**Nuclear Data Section**

**International Atomic Energy Agency**

**P.O.Box 100, A-1400 Vienna, Austria**

**Memo CP-D/990**

**Date:** 24 January 2020

**To:** Distribution

**From:** N. Otsuka, S. Takács

**Subject: Review of REACTION codes for thick target radioisotope yields**

**Reference:** CP-D/933

Regarding the following actions from NRDC 2019 meeting,

**A50** Otsuka (Continuing action)

Submit a revised Memo CP-D/933 by addition of the remark to each subentry from Takács.

**A51** Fleming Otsuka Tada Taova

(Continuing action) Following A45, revise the REACTION codes of the thick target considering the changes proposed in Appendix of CP-D/933=WP2017-28 once the originating centre receives extraction of Revised Memo CP-D/933 from Otsuka. Revised entries must be assembled in a preliminary tape without including other entries to make trace of corrections at NDS easier.

The subentry list revised from the Appendix 1 of Memo CP-D/933 is appended to this memo. **All affected subentries have been retransmitted by the originating centres** **except for A0085 and A0092.** The A0092 source article (JINR-P7-12734,1979) is written in Russian, and we would like to discuss its solution in the NRDC meeting.

General remarks on the revision of the EXFOR entries:

* HR in the unit of the yield was removed when an EOB yield for 1-hr irradiation is given.
* EOB/MSC was used for yields declared as “EOB yields” by authors without specification of irradiation time.
* Yields published by Dmitriev et al. and iThemba LABS group were considered as physical yields unless there is a reason not to do it.
* EOB yields published by Qaim et al. and Nagame et al. were considered as 1-hr EOB yield following discussion with them (unless there is a reason not to do it).
* Yields for chemical compound target should be compiled with a compound code in REACTION SF1. If an enriched chemical compound is used, FCT must be in REACTION SF8.
* Yields plotted by continuous curves (typically obtained by integration of excitation functions) were deleted.
* Yields obtained by integration of excitation functions are coded with DERIV in REACTION SF9 and INTEF under ANALYSIS.

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**List of checked REACTION codes and the proposed changes**

**(Updated 2019-12-22 from CP-D/933 Rev. Appendix 1)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subentry** | **REACTION original** | **REACTION revised (NDS proposal)** | **Comment by Takacs**  **[Comment by Otsuka]** | **TRANS** |
| A0002.002 | (55-CS-133(P,N)56-BA-133-G,,TTY,,DT) | (55-CS-133(P,N)56-BA-133-G,M+,TTY,,PHY) | Not known if it was calculated correctly.  [Dmitriev’s yields. No explanation in the article. T1/2 >> 1 hr.] | A089 |
| A0002.003 | (55-CS-133(P,N)56-BA-133-M,,TTY,,DT) | (55-CS-133(P,N)56-BA-133-M,,TTY,,PHY) |
| A0002.004 | (55-CS-133(D,2N)56-BA-133-M,,TTY,,DT) | (55-CS-133(D,2N)56-BA-133-M,,TTY,,PHY) |
| A0002.005 | (55-CS-133(D,2N)56-BA-133-G,,TTY,,DT) | (55-CS-133(D,2N)56-BA-133-G,M+,TTY,,PHY) |
|  |  |  |  |  |
| A0004.002 | (49-IN-0(P,X)50-SN-113,,TTY,,DT) | (49-IN-0(P,X)50-SN-113-G,M+,TTY,PHY) | Not known if it was calculated correctly.  [Dmitriev’s yields. No explanation in the article. T1/2 >> 1 hr.] | A089 |
| A0004.003 | (49-IN-0(D,X)50-SN-113,,TTY,,DT) | (49-IN-0(D,X)50-SN-113-G,M+,TTY,,PHY) |
| A0004.004 | (49-IN-115(A,N+P)50-SN-117-M1,,TTY,,DT) | (49-IN-115(A,X)50-SN-117-M,,TTY,,PHY) |
| A0004.005 | (48-CD-0(A,X)50-SN-113,,TTY,,DT) | (48-CD-0(A,X)50-SN-113-G,M+,TTY,,PHY) |
| A0004.006 | (48-CD-0(A,X)50-SN-117-M1,,TTY,,DT) | (48-CD-0(A,X)50-SN-117-M,,TTY,,PHY) |
|  |  |  |  |  |
| A0006.002 | (32-GE-0(P,X)33-AS-73,,TTY,,DT,EXP) | (32-GE-0(P,X)33-AS-73,,TTY,,PHY) | PHY is explicitly written.  [Dmitriev’s yields] | A089 |
| A0006.003 | (32-GE-0(D,X)33-AS-73,,TTY,,DT,EXP) | (32-GE-0(D,X)33-AS-73,,TTY,,PHY) |
| A0006.004 | (32-GE-0(A,X)33-AS-73,CUM,TTY,,DT,EXP) | (32-GE-0(A,X)33-AS-73,CUM,TTY,,PHY) |
| A0006.005 | (32-GE-0(P,X)33-AS-74,,TTY,,DT,EXP) | (32-GE-0(P,X)33-AS-74,,TTY,,PHY) |
| A0006.006 | (32-GE-0(D,X)33-AS-74,,TTY,,DT,EXP) | (32-GE-0(D,X)33-AS-74,,TTY,,PHY) |
| A0006.007 | (32-GE-0(A,X)33-AS-74,,TTY,,DT,EXP) | (32-GE-0(A,X)33-AS-74,,TTY,,PHY) |
| A0006.008 | (31-GA-71(A,2N)33-AS-73,,TTY,,DT/A,EXP) | (31-GA-71(A,2N)33-AS-73,,TTY,,PHY/A) |
| A0006.009 | (31-GA-71(A,N)33-AS-74,,TTY,,DT/A,EXP) | (31-GA-71(A,N)33-AS-74,,TTY,,PHY/A) |
| A0006.010 | (33-AS-75(P,X)33-AS-74,,TTY,,DT,EXP) | (33-AS-75(P,X)33-AS-74,,TTY,,PHY) |
| A0006.011 | (33-AS-75(D,X)33-AS-74,,TTY,,DT,EXP) | (33-AS-75(D,X)33-AS-74,,TTY,,PHY) |
| A0006.012 | (33-AS-75(A,X)33-AS-74,,TTY,,DT,EXP) | (33-AS-75(A,X)33-AS-74,,TTY,,PHY) |
|  |  |  |  |  |
| A0008.002 | (80-HG-0(P,X)81-TL-200,,TTY,,DT) | (80-HG-0(P,X)81-TL-200,,TTY,,PHY) | Not explicitli given in the article that it it was PHY, but relaying on the other earlier paper when it was mentioned explicitly that the provided yield is PHY.  [Dmitriev’s yields] | A089 |
| A0008.003 | (80-HG-0(D,X)81-TL-200,,TTY,,DT) | (80-HG-0(D,X)81-TL-200,,TTY,,PHY) |
| A0008.004 | (80-HG-0(P,X)81-TL-201,,TTY,,DT) | (80-HG-0(P,X)81-TL-201,,TTY,,PHY) |
| A0008.005 | (80-HG-0(D,X)81-TL-201,,TTY,,DT) | (80-HG-0(D,X)81-TL-201,,TTY,,PHY) |
| A0008.006 | (80-HG-0(P,X)81-TL-202,,TTY,,DT) | (80-HG-0(P,X)81-TL-202,,TTY,,PHY) |
| A0008.007 | (80-HG-0(D,X)81-TL-202,,TTY,,DT) | (80-HG-0(D,X)81-TL-202,,TTY,,PHY) |
| A0008.008 | (80-HG-204(P,N)81-TL-204,,TTY,,DT,CALC) | (80-HG-204(P,N)81-TL-204,,TTY,,PHY,CALC) | [*Delete?* Calculated from theoretical excitation functions.] |
| A0008.009 | (80-HG-204(D,2N)81-TL-204,,TTY,,DT,CALC) | (80-HG-204(D,2N)81-TL-204,,TTY,,PHY,CALC) |
|  |  |  |  |  |
| A0009.002 | (42-MO-0(P,X)43-TC-95-M,,TTY,,DT) | (42-MO-0(P,X)43-TC-95-M,,TTY,,PHY) | No pdf file was found. Most probable PHY.  [Dmitriev’s yields. Measured 1-2 days after irradiation, i.e., 96mTc completely decays when measured.] | A089 |
| A0009.003 | (42-MO-0(P,X)43-TC-96,,TTY,,DT) | (42-MO-0(P,X)43-TC-96-G,M+,TTY,,PHY) |
| A0009.004 | (42-MO-0(P,X)43-TC-97-M,,TTY,,DT) | (42-MO-0(P,X)43-TC-97-M,,TTY,,PHY) |
| A0009.005 | (42-MO-0(D,X)43-TC-95-M,,TTY,,DT) | (42-MO-0(D,X)43-TC-95-M,,TTY,,PHY) |
| A0009.006 | (42-MO-0(D,X)43-TC-96,,TTY,,DT) | (42-MO-0(D,X)43-TC-96-G,M+,TTY,,PHY) |
| A0009.007 | (42-MO-0(D,X)43-TC-97-M,,TTY,,DT) | (42-MO-0(D,X)43-TC-97-M,,TTY,,PHY) |
| A0009.008 | (42-MO-0(A,X)43-TC-95-M,,TTY,,DT) | (42-MO-0(A,X)43-TC-95-M,(CUM),TTY,,PHY) |
| A0009.009 | (42-MO-0(A,X)43-TC-96,,TTY,,DT) | (42-MO-0(A,X)43-TC-96-G,M+,TTY,,PHY) |
| A0009.010 | (41-NB-93(A,2N)43-TC-95-M,,TTY,,DT) | (41-NB-93(A,2N)43-TC-95-M,,TTY,,PHY) |
| A0009.011 | (41-NB-93(A,N)43-TC-96,,TTY,,DT) | (41-NB-93(A,N)43-TC-96-G,M+,TTY,,PHY) |
|  |  |  |  |  |
| A0011.002 | (35-BR-81(A,2N)37-RB-83,,TTY,,DT) | (35-BR-81(A,2N)37-RB-83,,TTY,,PHY) | No direct indication in the paper was found that the experimental data are physical yield.  [Dmitriev’s yields] | A089 |
| A0011.003 | (35-BR-81(A,N)37-RB-84,,TTY,,DT) | (35-BR-81(A,N)37-RB-84,,TTY,,PHY) |
| A0011.004 | (36-KR-0(P,X)37-RB-83,,TTY,,DT,CALC) | (36-KR-0(P,X)37-RB-83,,TTY,,PHY,CALC) | No details are given about the calculation.  [*Delete?* Calculated from theoretical excitation functions.] |
| A0011.005 | (36-KR-84(P,N)37-RB-84,,TTY,,DT,CALC) | (36-KR-84(P,N)37-RB-84-G,(M+),TTY,,PHY,CALC) |
| A0011.006 | (36-KR-86(P,N)37-RB-86,,TTY,,DT,CALC) | (36-KR-86(P,N)37-RB-86-G,(M+),TTY,,PHY,CALC) |
| A0011.007 | (36-KR-0(D,X)37-RB-83,,TTY,,DT,CALC) | (36-KR-0(D,X)37-RB-83,,TTY,,PHY,CALC) |
| A0011.008 | (36-KR-0(D,X)37-RB-84,,TTY,,DT,CALC) | (36-KR-0(D,X)37-RB-84-G,(M+),TTY,,PHY,CALC) |
| A0011.009 | (36-KR-86(D,2N)37-RB-86,,TTY,,DT,CALC) | (36-KR-86(D,2N)37-RB-86-G,(M+),TTY,,PHY,CALC) |
| A0011.010 | ((36-KR-0(A,X)38-SR-83,,TTY,,DT,CALC)+  (36-KR-0(A,X)37-RB-83,,TTY,,DT,CALC)) | (36-KR-0(A,X)37-RB-83,CUM,TTY,,PHY,CALC) |
| A0011.011 | (36-KR-0(A,X)37-RB-84,,TTY,,DT,CALC) | (36-KR-0(A,X)37-RB-84-G,(M+),TTY,,PHY,CALC) |
| A0011.012 | (36-KR-0(A,X)37-RB-86,,TTY,,DT,CALC) | (36-KR-0(A,X)37-RB-86-G,(M+),TTY,,PHY,CALC) |
|  |  |  |  |  |
| A0012.002 | (3-LI-0(P,X)4-BE-7,,TTY,,DT) | (3-LI-0(P,X)4-BE-7,,TTY,,PHY) | No details are given for the experiment and the derived yield. It was supposed to be physical yield.  [Dmitriev’s yields] | A089 |
| A0012.003 | (3-LI-0(D,X)4-BE-7,,TTY,,DT) | (3-LI-0(D,X)4-BE-7,,TTY,,PHY) |
| A0012.004 | (5-B-0(P,X)4-BE-7,,TTY,,DT) | (5-B-0(P,X)4-BE-7,,TTY,,PHY) |
| A0012.005 | (5-B-0(D,X)4-BE-7,,TTY,,DT) | (5-B-0(D,X)4-BE-7,,TTY,,PHY) |
| A0012.006 | (4-BE-9(P,T)4-BE-7,,TTY,,DT) | (4-BE-9(P,T)4-BE-7,,TTY,,PHY) |
| A0012.007 | (4-BE-9(D,N+T)4-BE-7,,TTY,,DT) | (4-BE-9(D,N+T)4-BE-7,,TTY,,PHY) |
| A0012.008 | (4-BE-9(A,X)4-BE-7,,TTY,,DT) | (4-BE-9(A,X)4-BE-7,,TTY,,PHY) |
|  |  |  |  |  |
| A0017.002.A | (51-SB-121(P,N)52-TE-121-M,,TTY,,DT) | (51-SB-121(P,N)52-TE-121-M,,TTY,,PHY) | No details are given for the experiment and the derived yield. It was supposed to be physical yield.  No details are given for the experiment and the derived yield. It was supposed to be physical yield.  [Dmitriev’s yields. The authors mention that “The activity of 121gTe was measured throughout the first ten days after bombardment ceased, and therefore the correction for the activity of the 121gTe formed in the decay of 121mTe was less than 10%.] | A089 |
| A0017.002.B | (51-SB-121(P,N)52-TE-121-G,,TTY,,DT) | (51-SB-121(P,N)52-TE-121-G,M-,TTY,,PHY) |
| A0017.002.C | (51-SB-123(P,N)52-TE-123-M,,TTY,,DT) | (51-SB-123(P,N)52-TE-123-M,,TTY,,PHY) |
| A0017.003.A | (51-SB-121(D,2N)52-TE-121-M,,TTY,,DT) | (51-SB-121(D,2N)52-TE-121-M,,TTY,,PHY) |
| A0017.003.B | (51-SB-121(D,2N)52-TE-121-G,,TTY,,DT) | (51-SB-121(D,2N)52-TE-121-G,M-,TTY,,PHY) |
| A0017.003.C | (51-SB-123(D,2N)52-TE-123-M,,TTY,,DT) | (51-SB-123(D,2N)52-TE-123-M,,TTY,,PHY) |
| A0017.004.A | (50-SN-0(A,X)52-TE-121-M,,TTY,,DT) | (50-SN-0(A,X)52-TE-121-M,,TTY,,PHY) |
| A0017.004.B | (50-SN-0(A,X)52-TE-121-G,,TTY,,DT) | (50-SN-0(A,X)52-TE-121-G,M-,TTY,,PHY) |
| A0017.004.C | (50-SN-0(A,X)52-TE-123-M,,TTY,,DT) | (50-SN-0(A,X)52-TE-123-M,,TTY,,PHY) |
|  |  |  |  |  |
| A0021.002 | (21-SC-45(P,2N)22-TI-44,,TTY,,DT) | (21-SC-45(P,2N)22-TI-44,,TTY,,PHY) | No details are given for the experiment and the derived yield. It was supposed to be physical yield. Due to long half-life it was a good approximation.  [Dmitriev’s yields] | A089 |
| A0021.003 | (21-SC-45(D,3N)22-TI-44,,TTY,,DT) | (21-SC-45(D,3N)22-TI-44,,TTY,,PHY) |
|  |  |  |  |  |
| A0022.002 | (33-AS-75(P,N)34-SE-75,,TTY,,DT) | (33-AS-75(P,N)34-SE-75,,TTY,,PHY) | No pdf file is available in EXFOR. Due to long half-life the yield can be considered as PHY.  [Dmitriev’s yields] | A089 |
| A0022.003 | (33-AS-75(D,2N)34-SE-75,,TTY,,DT) | (33-AS-75(D,2N)34-SE-75,,TTY,,PHY) |
| A0022.004.A | (32-GE-70(A,2N)34-SE-72,,TTY,,DT) | (32-GE-70(A,2N)34-SE-72,,TTY,,PHY) |
| A0022.004.B | (32-GE-0(A,X)34-SE-75,,TTY,,DT) | (32-GE-0(A,X)34-SE-75,,TTY,,PHY) |
|  |  |  |  |  |
| A0028.002 | (90-TH-232(32-GE-74,F)ELEM/MASS,CUM,TTY,,REL) | (90-TH-232(32-GE-74,F)ELEM/MASS,CUM,SIG,,REL) | No changes were proposed.  [The authors mention “The energy dependence of the cross sections … have been studied” in the abstract.] | A089 |
| A0028.003 | (90-TH-232(32-GE-74,F)ELEM,CUM,TTY,,REL) | (90-TH-232(32-GE-74,F)ELEM,CUM,SIG,,REL) |
| A0028.004.A | (90-TH-232(32-GE-74,X)91-PA-232,CUM,TTY,,REL) | (90-TH-232(32-GE-74,X)91-PA-232,CUM,SIG,,REL) |
| A0028.004.B | (90-TH-232(32-GE-74,X)92-U-230,CUM,TTY,,REL) | (90-TH-232(32-GE-74,X)92-U-230,CUM,SIG,,REL) |
| A0028.004.C | (90-TH-232(32-GE-74,X)90-TH-231,CUM,TTY,,REL) | (90-TH-232(32-GE-74,X)90-TH-231,CUM,SIG,,REL) |
| A0028.004.D | (90-TH-232(32-GE-74,X)90-TH-227,CUM,TTY,,REL) | (90-TH-232(32-GE-74,X)90-TH-227,CUM,SIG,,REL) |
|  |  |  |  |  |
| A0044.002 | (53-I-127(A,2N)55-CS-129,,TTY,,DT) | (53-I-127(A,2N)55-CS-129,,TTY,,PHY) | No information is given for the yield.  [Dmitriev’s yields] | A089 |
| A0044.003 | (53-I-127(A,4N)55-CS-127,,TTY,,DT) | (53-I-127(A,4N)55-CS-127,,TTY,,PHY) |
|  |  |  |  |  |
| A0049.002 | (55-CS-133(A,N+P)56-BA-135-M,,TTY,,DT) | (55-CS-133(A,X)56-BA-135-M,,TTY,,PHY) | No information is given for the yield, due to the relatively short half-life (PHY).  [Dmitriev’s yields] | A089 |
| A0049.003 | (57-LA-139(P,N+A)56-BA-135-M,,TTY,,DT) | (57-LA-139(P,N+A)56-BA-135-M,,TTY,,PHY) |
|  |  |  |  |  |
| A0053.002 | (12-MG-0(A,2P)12-MG-28,,TTY,,DT) | (12-MG-0(A,X)12-MG-28,,TTY,,PHY) | No information is given for the yield, due to the relatively short half-life (PHY).  [Dmitriev’s yields] | A089 |
| A0053.003 | (13-AL-27(A,3P)12-MG-28,,TTY,,DT) | (13-AL-27(A,3P)12-MG-28,,TTY,,PHY) |
|  |  |  |  |  |
| A0070.002.A | (74-W-0(P,X)75-RE-181,,TTY,,DT) | (74-W-0(P,X)75-RE-181,,TTY,,PHY) | No information is given for the yield.  [Dmitriev’s yields. The authors mentions that “in measuring the activity of 184Re the small contr~ution of the 184mRe - 184Re decay branch was taken into account”.] | A086 |
| A0070.002.B | (74-W-0(P,X)75-RE-182-M,,TTY,,DT) | (74-W-0(P,X)75-RE-182-G,,TTY,,PHY) |
| A0070.002.C | (74-W-0(P,X)75-RE-182,,TTY,,DT) | (74-W-0(P,X)75-RE-182-M,,TTY,,PHY) |
| A0070.002.D | (74-W-0(P,X)75-RE-183,,TTY,,DT) | (74-W-0(P,X)75-RE-183,,TTY,,PHY) |
| A0070.002.E | (74-W-0(P,X)75-RE-184-M,,TTY,,DT) | (74-W-0(P,X)75-RE-184-M,,TTY,,PHY) |
| A0070.002.F | (74-W-0(P,X)75-RE-184,,TTY,,DT) | (74-W-0(P,X)75-RE-184-G,M-,TTY,,PHY) |
| A0070.002.G | (74-W-0(P,X)75-RE-186,,TTY,,DT,CALC) | (74-W-0(P,X)75-RE-186,,TTY,,PHY,CALC) |
| A0070.003.A | (74-W-0(D,X)75-RE-181,,TTY,,DT) | (74-W-0(D,X)75-RE-181,,TTY,,PHY) |
| A0070.003.B | (74-W-0(D,X)75-RE-182-M,,TTY,,DT) | (74-W-0(D,X)75-RE-182-G,,TTY,,PHY) |
| A0070.003.C | (74-W-0(D,X)75-RE-182,,TTY,,DT) | (74-W-0(D,X)75-RE-182-M,,TTY,,PHY) |
| A0070.003.D | (74-W-0(D,X)75-RE-183,,TTY,,DT) | (74-W-0(D,X)75-RE-183,,TTY,,PHY) |
| A0070.003.E | (74-W-0(D,X)75-RE-184-M,,TTY,,DT) | (74-W-0(D,X)75-RE-184-M,,TTY,,PHY) |
| A0070.003.F | (74-W-0(D,X)75-RE-184,,TTY,,DT) | (74-W-0(D,X)75-RE-184-G,M-,TTY,,PHY) |
| A0070.003.G | (74-W-0(D,X)75-RE-186,,TTY,,DT,CALC) | (74-W-0(D,X)75-RE-186,,TTY,,PHY,CALC) |
| A0070.004.A | (73-TA-0(A,X)75-RE-181,,TTY,,DT) | (73-TA-0(A,X)75-RE-181,,TTY,,PHY) |
| A0070.004.B | (73-TA-0(A,X)75-RE-182-M,,TTY,,DT) | (73-TA-0(A,X)75-RE-182-G,,TTY,,PHY) |
| A0070.004.C | (73-TA-0(A,X)75-RE-182,,TTY,,DT) | (73-TA-0(A,X)75-RE-182-M,,TTY,,PHY) |
| A0070.004.D | (73-TA-0(A,X)75-RE-183,,TTY,,DT) | (73-TA-0(A,X)75-RE-183,,TTY,,PHY) |
| A0070.004.E | (73-TA-0(A,X)75-RE-184-M,,TTY,,DT) | (73-TA-0(A,X)75-RE-184-M,,TTY,,PHY) |
| A0070.004.F | (73-TA-0(A,X)75-RE-184,,TTY,,DT) | (73-TA-0(A,X)75-RE-184-G,M-,TTY,,PHY) |
|  |  |  |  |  |
| A0078.002.A | (52-TE-0(P,X)53-I-123,,TTY,,DT) | (52-TE-0(P,X)53-I-123,,TTY,,PHY) | No information is given for the yield.  [Dmitriev’s yields] | A089 |
| A0078.002.B | (52-TE-0(P,X)53-I-124,,TTY,,DT) | (52-TE-0(P,X)53-I-124,,TTY,,PHY) |
| A0078.002.C | (52-TE-0(P,X)53-I-125,,TTY,,DT) | (52-TE-0(P,X)53-I-125,,TTY,,PHY) |
| A0078.002.D | (52-TE-0(P,X)53-I-126,,TTY,,DT) | (52-TE-0(P,X)53-I-126,,TTY,,PHY) |
| A0078.002.E | (52-TE-0(P,X)53-I-130,,TTY,,DT) | (52-TE-0(P,X)53-I-130-G,M+,TTY,,PHY) |
| A0078.003.A | (52-TE-0(D,X)53-I-123,,TTY,,DT) | (52-TE-0(D,X)53-I-123,,TTY,,PHY) |
| A0078.003.B | (52-TE-0(D,X)53-I-124,,TTY,,DT) | (52-TE-0(D,X)53-I-124,,TTY,,PHY) |
| A0078.003.C | (52-TE-0(D,X)53-I-125,,TTY,,DT) | (52-TE-0(D,X)53-I-125,,TTY,,PHY) |
| A0078.003.D | (52-TE-0(D,X)53-I-126,,TTY,,DT) | (52-TE-0(D,X)53-I-126,,TTY,,PHY) |
| A0078.003.E | (52-TE-0(D,X)53-I-130,,TTY,,DT) | (52-TE-0(D,X)53-I-130-G,M+,TTY,,PHY) |
| A0078.003.F | (52-TE-0(D,X)53-I-131,,TTY,,DT) | (52-TE-0(D,X)53-I-131,CUM,TTY,,(PHY)) |
| A0078.004.A | (52-TE-0(A,X)53-I-123,,TTY,,DT) | (52-TE-0(A,X)53-I-123,CUM,TTY,,(PHY)) | EOB activity is given for 123,125,131I.  [Dimitriev’s yields. The authors mention that “we measured the activity of 123,125,131I after the decay of 123,125Xe and 131m, gTe, and we calculated the yield for the end of irradiation.”] |
| A0078.004.B | (52-TE-0(A,X)53-I-124,,TTY,,DT) | (52-TE-0(A,X)53-I-124,,TTY,,PHY) |
| A0078.004.C | (52-TE-0(A,X)53-I-125,,TTY,,DT) | (52-TE-0(A,X)53-I-125,CUM,TTY,,(PHY)) |
| A0078.004.D | (52-TE-0(A,X)53-I-126,,TTY,,DT) | (52-TE-0(A,X)53-I-126,,TTY,,PHY) |
| A0078.004.E | (52-TE-0(A,X)53-I-130,,TTY,,DT) | (52-TE-0(A,X)53-I-130-G,M+,TTY,,PHY) |
| A0078.004.F | (52-TE-0(A,X)53-I-131,,TTY,,DT) | (52-TE-0(A,X)53-I-131,CUM,TTY,,(PHY)) |
| A0078.004.K | (52-TE-0(A,X)53-I-132,,TTY,,DT) | (52-TE-0(A,X)53-I-132-G,(M+),TTY,,PHY) |
| A0078.005.A | (51-SB-0(A,X)53-I-123,,TTY,,DT) | (51-SB-0(A,X)53-I-123,,TTY,,PHY) | No information is given for the yield.  [Dmitriev’s yields] |
| A0078.005.B | (51-SB-0(A,X)53-I-124,,TTY,,DT) | (51-SB-0(A,X)53-I-124,,TTY,,PHY) |
| A0078.005.C | (51-SB-0(A,X)53-I-125,,TTY,,DT) | (51-SB-0(A,X)53-I-125,,TTY,,PHY) |
| A0078.005.D | (51-SB-0(A,X)53-I-126,,TTY,,DT) | (51-SB-0(A,X)53-I-126,,TTY,,PHY) |
|  |  |  |  |  |
| A0083.002 | (45-RH-103(A,2N)47-AG-105,,TTY,,DT) | (45-RH-103(A,2N)47-AG-105,,TTY,,PHY) | No information is given for the yield.  [Dmitriev’s yields.] | A089 |
| A0083.003 | (45-RH-103(A,N)47-AG-106-M,,TTY,,DT) | (45-RH-103(A,N)47-AG-106-M,,TTY,,PHY) |
| A0083.004 | (46-PD-105(P,N)47-AG-105,,TTY,,DT,CALC) | (46-PD-105(P,N)47-AG-105,,TTY,,PHY,CALC) | The calculated yield was supposed to be PHY.  [*Delete?* Calculated from theoretical excitation functions.] |
| A0083.005 | (46-PD-106(P,2N)47-AG-105,,TTY,,DT,CALC) | (46-PD-106(P,2N)47-AG-105,,TTY,,PHY,CALC) |
| A0083.006 | (46-PD-106(P,N)47-AG-106-M,,TTY,,DT,CALC) | (46-PD-106(P,N)47-AG-106-M,,TTY,,PHY,CALC) |
| A0083.007 | (46-PD-108(P,3N)47-AG-106-M,,TTY,,DT,CALC) | (46-PD-108(P,3N)47-AG-106-M,,TTY,,PHY,CALC) |
| A0083.008 | (46-PD-108(P,N)47-AG-108-M,,TTY,,DT,CALC) | (46-PD-108(P,N)47-AG-108-M,,TTY,,PHY,CALC) |
| A0083.009 | (46-PD-110(P,3N)47-AG-108-M,,TTY,,DT,CALC) | (46-PD-110(P,3N)47-AG-108-M,,TTY,,PHY,CALC) |
| A0083.010 | (46-PD-110(P,N)47-AG-110-M,,TTY,,DT,CALC) | (46-PD-110(P,N)47-AG-110-M,,TTY,,PHY,CALC) |
| A0083.011 | (46-PD-104(D,N)47-AG-105,,TTY,,DT,CALC) | (46-PD-104(D,N)47-AG-105,,TTY,,PHY,CALC) |
| A0083.012 | (46-PD-105(D,2N)47-AG-105,,TTY,,DT,CALC) | (46-PD-105(D,2N)47-AG-105,,TTY,,PHY,CALC) |
| A0083.013 | (46-PD-106(D,3N)47-AG-105,,TTY,,DT,CALC) | (46-PD-106(D,3N)47-AG-105,,TTY,,PHY,CALC) |
| A0083.014 | (46-PD-105(D,N)47-AG-106-M,,TTY,,DT,CALC) | (46-PD-105(D,N)47-AG-106-M,,TTY,,PHY,CALC) |
| A0083.015 | (46-PD-106(D,2N)47-AG-106-M,,TTY,,DT,CALC) | (46-PD-106(D,2N)47-AG-106-M,,TTY,,PHY,CALC) |
| A0083.016 | (46-PD-108(D,2N)47-AG-108-M,,TTY,,DT,CALC) | (46-PD-108(D,2N)47-AG-108-M,,TTY,,PHY,CALC) |
| A0083.017 | (46-PD-110(D,2N)47-AG-110-M,,TTY,,DT,CALC) | (46-PD-110(D,2N)47-AG-110-M,,TTY,,PHY,CALC) |
| A0083.018 | (46-PD-110(D,N)47-AG-111,,TTY,,DT,EVAL) | (46-PD-110(D,N)47-AG-111,,TTY,,PHY,EVAL) | The calculated yield was supposed to be PHY.  [*Delete?* Estimated from systematics of (d,n) and (d,p) reactions.] |
|  |  |  |  |  |
| A0085.002 | (5-B-0(P,N)6-C-10,,TTY) | (Delete) | Eq. (1) corresponds something proportional with cross section or thin target yield, but those data are not proper cross sections nor thin target yield. Eq. (2) provides a phys. yield type quantity, but not a real physical yield. As Eq (1) includes the irradiation and measuring times, which are not given, normalisation of data in Table 1 is not possible. In my opinion we should delete this entry  [“tm” in the denominator of Eq. (1) must be 1/λ in derivation of cross section or gamma multiplicity.] |  |
| A0085.003 | (6-C-0(P,X)7-N-13,,TTY) | (Delete) |
| A0085.004 | (7-N-0(P,A)6-C-11,,TTY) | (Delete) |
| A0085.005 | (7-N-0(P,N)8-O-14,,TTY) | (Delete) |
| A0085.006 | (8-O-0(P,X)7-N-13,,TTY) | (Delete) |
| A0085.007 | (11-NA-23(P,N)12-MG-23,,TTY) | (Delete) |
| A0085.008 | (24-CR-0(P,N)25-MN-52-M,,TTY) | (Delete) |
| A0085.009 | (28-NI-0(P,N)29-CU-60,,TTY) | (Delete) |
| A0085.010 | (30-ZN-0(P,N)31-GA-64,,TTY) | (Delete) |
| A0085.011 | (34-SE-0(P,N)35-BR-80-G,,TTY) | (Delete) |
| A0085.012 | (35-BR-0(P,N)36-KR-79-M,,TTY) | (Delete) |
| A0085.013 | (35-BR-0(P,N)36-KR-81-M,,TTY) | (Delete) |
| A0085.014 | (39-Y-89(P,N)40-ZR-89-M,,TTY) | (Delete) |
| A0085.015 | (40-ZR-0(P,N)41-NB-90-M,,TTY) | (Delete) |
| A0085.016 | (42-MO-0(P,N)43-TC-92,,TTY) | (Delete) |
| A0085.017 | (48-CD-0(P,X)49-IN-112-G,,TTY) | (Delete) |
| A0085.018.1 | (50-SN-0(P,X)51-SB-116-G,,TTY) | (Delete) |
| A0085.018.2 | (50-SN-0(P,X)51-SB-118-G,,TTY) | (Delete) |
| A0085.018.3 | (50-SN-0(P,X)51-SB-120-M,,TTY) | (Delete) |
| A0085.019.1 | (56-BA-0(P,N)57-LA-134,,TTY,,,EXP) | (Delete) |
| A0085.019.2 | (56-BA-0(P,N)57-LA-136,,TTY,,,EXP) | (Delete) |
| A0085.020 | (57-LA-0(P,X)58-CE-139-M,,TTY) | (Delete) |
| A0085.021 | (59-PR-141(P,N)60-ND-141-M,,TTY) | (Delete) |
| A0085.022 | (60-ND-0(P,N)61-PM-142,,TTY) | (Delete) |
| A0085.023 | (74-W-0(P,N)75-RE-180,,TTY) | (Delete) |
|  |  |  |  |  |
| A0092.009.1 | (78-PT-0(A,X)80-HG-197-M,IND,TTY,,DT) | ? | They give an equation for the "activity" for a thin target at the start of the measurement after certain bombarding and cooling times, but no correction for decay during measurement was included. They include in the equation a strange averaged cross section, which has no real physical meaning. The reported cross sections therefore seem to be too high. Parameters for the yield data in table 2 are given as irradiation within 2 h, cooling time 10 h and measuring time 100min, except for 199mHg where the cooling time and measuring time both were 15 min, but no information was found for the type of the yield therefore I suggested (PHY).  We may consider deleting this entry too, because their definition of the average cross section.  [The definition of the cross section (A0092.002-008) is factor <A>[Σx(θx/Ax) different from the usual elemental cross section.] |  |
| A0092.009.2 | (78-PT-0(A,X)80-HG-195-M,IND,TTY,,DT) | ? |  |
| A0092.009.3 | (78-PT-0(A,X)80-HG-199-M,IND,TTY,,DT) | ? |  |
|  |  |  |  |  |
| A0094.002.1 | (68-ER-0(P,X)69-TM-165,,TTY,,DT) | (68-ER-0(P,X)69-TM-165,,TTY,,PHY) | No details are given for yield, but Dmitriev generally gives proper PHY. | A089 |
| A0094.002.2 | (68-ER-0(P,X)69-TM-166,,TTY,,DT) | (68-ER-0(P,X)69-TM-166,,TTY,,PHY) |
| A0094.002.3 | (68-ER-0(P,X)69-TM-167,,TTY,,DT) | (68-ER-0(P,X)69-TM-167,,TTY,,PHY) |
| A0094.002.4 | (68-ER-0(P,X)69-TM-168,,TTY,,DT) | (68-ER-0(P,X)69-TM-168,,TTY,,PHY) |
| A0094.002.5 | (68-ER-0(P,X)69-TM-170,,TTY,,DT) | (68-ER-0(P,X)69-TM-170,,TTY,,PHY) |
| A0094.003.1 | (68-ER-0(D,X)69-TM-165,,TTY,,DT) | (68-ER-0(D,X)69-TM-165,,TTY,,PHY) |
| A0094.003.2 | (68-ER-0(D,X)69-TM-166,,TTY,,DT) | (68-ER-0(D,X)69-TM-166,,TTY,,PHY) |
| A0094.003.3 | (68-ER-0(D,X)69-TM-167,,TTY,,DT) | (68-ER-0(D,X)69-TM-167,,TTY,,PHY) |
| A0094.003.4 | (68-ER-0(D,X)69-TM-168,,TTY,,DT) | (68-ER-0(D,X)69-TM-168,,TTY,,PHY) |
| A0094.003.5 | (68-ER-0(D,X)69-TM-170,,TTY,,DT) | (68-ER-0(D,X)69-TM-170,,TTY,,PHY) |
| A0094.004.1 | (67-HO-165(A,4N)69-TM-165,,TTY,,DT) | (67-HO-165(A,4N)69-TM-165,,TTY,,PHY) |
| A0094.004.2 | (67-HO-165(A,3N)69-TM-166,,TTY,,DT) | (67-HO-165(A,3N)69-TM-166,,TTY,,PHY) |
| A0094.004.3 | (67-HO-165(A,2N)69-TM-167,,TTY,,DT) | (67-HO-165(A,2N)69-TM-167,,TTY,,PHY) |
| A0094.004.4 | (67-HO-165(A,N)69-TM-168,,TTY,,DT) | (67-HO-165(A,N)69-TM-168,,TTY,,PHY) |
|  |  |  |  |  |
| A0115.002 | (83-BI-209(A,2N)85-AT-211,,TTY,,DT,EXP) | (83-BI-209(A,2N)85-AT-211,,TTY,,EOB/MSC) | No information is given. Unit should be changed uCi to mCi MUCI to MCI. No exact irradiation time and beam intensity was given in the article. The data unit in the 002 subentry need to be changed from uCi/uAh to mCi/uAh. No other changes.  [EOB yield is mentioned but without specifying irradiation time] | A089 |
|  |  |  |  |  |
| A0122.002.A | (34-SE-0(P,X)35-BR-76,,TTY,,(PHY)) | Ok |  | A070 |
| A0122.002.B | (34-SE-0(P,X)35-BR-77,,TTY,,(PHY)) | Ok |  |
| A0122.002.C | (34-SE-0(P,X)35-BR-82,,TTY,,(PHY)) | Ok |  |
| A0122.003.A | (34-SE-0(A,X)35-BR-76,,TTY,,(PHY)) | Ok |  |
| A0122.003.B | (34-SE-0(A,X)35-BR-77,,TTY,,(PHY)) | Ok |  |
| A0122.003.C | (34-SE-0(A,X)35-BR-82,,TTY,,(PHY)) | Ok |  |
| A0122.004.A | (34-SE-0(D,X)35-BR-76,,TTY,,(PHY)) | Ok |  |
| A0122.004.B | (34-SE-0(D,X)35-BR-77,,TTY,,(PHY)) | Ok |  |
| A0122.004.C | (34-SE-0(D,X)35-BR-82,,TTY,,(PHY)) | Ok |  |
| A0122.005.A | (33-AS-75(A,3N)35-BR-76,,TTY,,(PHY)) | Ok |  |
| A0122.005.B | (33-AS-75(A,2N)35-BR-77,,TTY,,(PHY)) | Ok |  |
|  |  |  |  |  |
| A0128.002 | (52-TE-122(D,N)53-I-123,,TTY,,,EXP) | (52-TE-122(D,N)53-I-123,,TTY,,EOB/MSC) | EOB activity after 5 h irradiation, batch production yield depends on the target construction. Initial energy changed to 14 MeV . TIME-IRRD added.  [Authors give the yield in MBq/uA-h] | A089 |
|  |  |  |  |  |
| A0140.002.1 | (26-FE-56(HE3,2N)28-NI-57,,TTY,,,EXP) | (26-FE-56(HE3,2N)28-NI-57,,TTY,,(PHY)) | Most probable EOB activity is given. Irradiation time is not given, 1h irradiation was supposed. TIME-IRRD added.  [Use of (PHY) could be more consistent with other entries.] | A089 |
| A0140.002.2 | (26-FE-56(HE3,3N)28-NI-56,,TTY,,,EXP) | (26-FE-56(HE3,3N)28-NI-56,,TTY,,(PHY)) |
| A0140.003.1 | (26-FE-0(HE3,X)27-CO-55,,TTY,,,EXP) | (26-FE-0(HE3,X)27-CO-55,,TTY,,(PHY)) |
| A0140.003.2 | (26-FE-0(HE3,X)27-CO-56,,TTY,,,EXP) | (26-FE-0(HE3,X)27-CO-56,,TTY,,(PHY)) |
| A0140.003.3 | (26-FE-0(HE3,X)27-CO-57,,TTY,,,EXP) | (26-FE-0(HE3,X)27-CO-57,,TTY,,(PHY)) |
| A0140.003.4 | (26-FE-0(HE3,X)27-CO-58,,TTY,,,EXP) | (26-FE-0(HE3,X)27-CO-58,,TTY,,(PHY)) |
|  |  |  |  |  |
| A0144.002 | (6-C-12(P,G)7-N-13,,TTY,,,EXP) | (6-C-12(P,G)7-N-13,,PY,,TT) | An equation is given how they calculated the yield. Seems to be ok.  [This data set gives thick target production yield.] | A089 |
|  |  |  |  |  |
| A0168.002 | (3-LI-7(P,N)4-BE-7,,TTY,,PHY) | Ok | No correction was made, Svetlana Dunaeva made the corrections in 2016 January. | A084 |
| A0168.003 | (4-BE-9(P,T)4-BE-7,,TTY,,PHY) | Ok |
| A0168.004 | (5-B-0(P,X)4-BE-7,,TTY,,PHY) | Ok |
| A0168.005 | (5-B-11(P,N)6-C-11,,TTY,,PHY) | Ok |
| A0168.006 | (6-C-0(P,X)6-C-11,,TTY,,PHY) | Ok |
| A0168.007 | (7-N-0(P,X)6-C-11,,TTY,,PHY) | Ok |
| A0168.008 | (6-C-13(P,N)7-N-13,,TTY,,PHY) | Ok |
| A0168.009 | (7-N-0(P,X)7-N-13,,TTY,,PHY) | Ok |
| A0168.010 | (8-O-0(P,X)7-N-13,,TTY,,PHY) | Ok |
| A0168.011 | (8-O-18(P,N)9-F-18,,TTY,,PHY) | Ok |
| A0168.012 | (9-F-19(P,X)9-F-18,CUM,TTY,,PHY) | Ok |
| A0168.013 | (11-NA-23(P,X)11-NA-22,CUM,TTY,,PHY) | Ok |
| A0168.014 | (12-MG-0(P,X)11-NA-22,,TTY,,PHY) | Ok |
| A0168.015 | (12-MG-0(P,X)11-NA-24,,TTY,,PHY) | Ok |
| A0168.016 | (12-MG-26(P,N)13-AL-26-G,,TTY,,PHY) | Ok |
| A0168.017 | (13-AL-27(P,X)13-AL-26-G,,TTY,,PHY) | Ok |
| A0168.018 | (20-CA-0(P,X)19-K-42,,TTY,,PHY) | Ok |
| A0168.019 | (20-CA-0(P,X)19-K-43,,TTY,,PHY) | Ok |
| A0168.020 | (20-CA-0(P,X)20-CA-47,CUM,TTY,,PHY) | Ok |
| A0168.021 | (20-CA-44(P,N)21-SC-44-M,,TTY,,PHY) | Ok |
| A0168.022 | (21-SC-45(P,X)21-SC-44-M,,TTY,,PHY) | Ok |
| A0168.023 | (20-CA-44(P,N)21-SC-44-G,,TTY,,PHY) | Ok |
| A0168.024 | (22-TI-0(P,X)21-SC-46-G,,TTY,,PHY) | Ok |
| A0168.025 | (20-CA-48(P,2N)21-SC-47,,TTY,,PHY) | Ok |
| A0168.026 | (22-TI-0(P,X)21-SC-47,,TTY,,PHY) | Ok |
| A0168.027 | (23-V-0(P,X)21-SC-47,,TTY,,PHY) | Ok |
| A0168.028 | (21-SC-45(P,2N)22-TI-44,,TTY,,PHY) | Ok |
| A0168.029 | (22-TI-0(P,X)23-V-48,,TTY,,PHY) | Ok |
| A0168.030 | (22-TI-0(P,X)23-V-49,,TTY,,PHY) | Ok |
| A0168.031 | (23-V-0(P,X)23-V-49,,TTY,,PHY) | Ok |
| A0168.032 | (23-V-51(P,N)24-CR-51,,TTY,,PHY) | Ok |
| A0168.033 | (24-CR-0(P,X)24-CR-51,,TTY,,PHY) | Ok |
| A0168.034 | (25-MN-55(P,N+A)24-CR-51,,TTY,,PHY) | Ok |
| A0168.035 | (24-CR-0(P,X)25-MN-52,,TTY,,PHY) | Ok |
| A0168.036 | (24-CR-54(P,N)25-MN-54,,TTY,,PHY) | Ok |
| A0168.037 | (25-MN-55(P,X)25-MN-54,,TTY,,PHY) | Ok |
| A0168.038 | (25-MN-55(P,N)26-FE-55,,TTY,,PHY) | Ok |
| A0168.039 | (26-FE-0(P,X)26-FE-55,,TTY,,PHY) | Ok |
| A0168.040 | (26-FE-56(P,2N)27-CO-55,,TTY,,PHY) | Ok |
| A0168.041 | (28-NI-58(P,A)27-CO-55,,TTY,,PHY) | Ok |
| A0168.042 | (26-FE-0(P,X)27-CO-56,,TTY,,PHY) | Ok |
| A0168.043 | (28-NI-0(P,X)27-CO-56,,TTY,,PHY) | Ok |
| A0168.044 | (26-FE-0(P,X)27-CO-57,,TTY,,PHY) | Ok |
| A0168.045 | (27-CO-59(P,T)27-CO-57,,TTY,,PHY) | Ok |
| A0168.046 | (28-NI-0(P,X)27-CO-57,,TTY,,PHY) | Ok |
| A0168.047 | (27-CO-59(P,X)27-CO-58-G,,TTY,,PHY) | Ok |
| A0168.048 | (28-NI-0(P,X)27-CO-58-G,,TTY,,PHY) | Ok |
| A0168.049 | (28-NI-0(P,X)27-CO-60-G,,TTY,,PHY) | Ok |
| A0168.050 | (28-NI-58(P,T)28-NI-56,,TTY,,PHY) | Ok |
| A0168.051 | (28-NI-0(P,X)28-NI-57,CUM,TTY,,PHY) | Ok |
| A0168.052 | (29-CU-65(P,X)29-CU-64,,TTY,,PHY) | Ok |
| A0168.053 | (30-ZN-0(P,X)29-CU-67,,TTY,,PHY) | Ok |
| A0168.054 | (29-CU-63(P,2N)30-ZN-62,,TTY,,PHY) | Ok |
| A0168.055 | (29-CU-65(P,N)30-ZN-65,,TTY,,PHY) | Ok |
| A0168.056 | (30-ZN-0(P,X)30-ZN-65,,TTY,,PHY) | Ok |
| A0168.057 | (31-GA-69(P,N+A)30-ZN-65,,TTY,,PHY) | Ok |
| A0168.058 | (30-ZN-0(P,X)31-GA-66,,TTY,,PHY) | Ok |
| A0168.059 | (30-ZN-0(P,X)31-GA-67,,TTY,,PHY) | Ok |
| A0168.060 | (32-GE-0(P,X)31-GA-67,,TTY,,PHY) | Ok |
| A0168.061 | (31-GA-69(P,2N)32-GE-68,,TTY,,PHY) | Ok |
| A0168.062 | (31-GA-0(P,X)32-GE-69,,TTY,,PHY) | Ok |
| A0168.063 | (32-GE-0(P,X)32-GE-69,CUM,TTY,,PHY) | Ok |
| A0168.064 | (32-GE-0(P,X)33-AS-71,,TTY,,PHY) | Ok |
| A0168.065 | (32-GE-0(P,X)33-AS-72,,TTY,,PHY) | Ok |
| A0168.066 | (32-GE-0(P,X)33-AS-73,,TTY,,PHY) | Ok |
| A0168.067 | (32-GE-0(P,X)33-AS-74,,TTY,,PHY) | Ok |
| A0168.068 | (33-AS-75(P,X)33-AS-74,,TTY,,PHY) | Ok |
| A0168.069 | (34-SE-0(P,X)33-AS-74,,TTY,,PHY) | Ok |
| A0168.070 | (32-GE-76(P,N)33-AS-76,,TTY,,PHY) | Ok |
| A0168.071 | (33-AS-75(P,N)34-SE-75,,TTY,,PHY) | Ok |
| A0168.072 | (34-SE-0(P,X)34-SE-75,,TTY,,PHY) | Ok |
| A0168.073 | (34-SE-0(P,X)35-BR-76,,TTY,,PHY) | Ok |
| A0168.074 | (34-SE-0(P,X)35-BR-77-G,,TTY,,PHY) | Ok |
| A0168.075 | (35-BR-79(P,T)35-BR-77-G,,TTY,,PHY) | Ok |
| A0168.076 | (34-SE-82(P,N)35-BR-82-G,,TTY,,PHY) | Ok |
| A0168.077 | (35-BR-0(P,X)36-KR-79-G,,TTY,,PHY) | Ok |
| A0168.078 | (37-RB-85(P,X)37-RB-84-G,,TTY,,PHY) | Ok |
| A0168.079 | (38-SR-0(P,X)37-RB-84-G,,TTY,,PHY) | Ok |
| A0168.080 | (37-RB-0(P,X)38-SR-85-G,,TTY,,PHY) | Ok |
| A0168.081 | (38-SR-0(P,X)38-SR-85-G,,TTY,,PHY) | Ok |
| A0168.082 | (38-SR-0(P,X)39-Y-86-G,,TTY,,PHY) | Ok |
| A0168.083 | (38-SR-0(P,X)39-Y-87-G,,TTY,,PHY) | Ok |
| A0168.084 | (38-SR-88(P,N)39-Y-88,,TTY,,PHY) | Ok |
| A0168.085 | (39-Y-89(P,X)39-Y-88,,TTY,,PHY) | Ok |
| A0168.086 | (40-ZR-0(P,X)39-Y-88,,TTY,,PHY) | Ok |
| A0168.087 | (39-Y-89(P,2N)40-ZR-88,,TTY,,PHY) | Ok |
| A0168.088 | (39-Y-89(P,N)40-ZR-89-G,,TTY,,PHY) | Ok |
| A0168.089 | (41-NB-93(P,N+A)40-ZR-89-G,,TTY,,PHY) | Ok |
| A0168.090 | (40-ZR-0(P,X)40-ZR-95,CUM,TTY,,PHY) | Ok |
| A0168.091 | (40-ZR-0(P,X)41-NB-92-M,,TTY,,PHY) | Ok |
| A0168.092 | (41-NB-93(P,X)41-NB-92-M,,TTY,,PHY) | Ok |
| A0168.093 | (40-ZR-96(P,2N)41-NB-95-G,,TTY,,PHY) | Ok |
| A0168.094 | (41-NB-93(P,N)42-MO-93-M,,TTY,,PHY) | Ok |
| A0168.095 | (41-NB-93(P,N)42-MO-93-G,,TTY,,PHY) | Ok |
| A0168.096 | (42-MO-0(P,X)43-TC-95-M,,TTY,,PHY) | Ok |
| A0168.097 | (42-MO-0(P,X)43-TC-96-G,,TTY,,PHY) | Ok |
| A0168.098 | (42-MO-0(P,X)43-TC-97-M,,TTY,,PHY) | Ok |
| A0168.099 | (44-RU-0(P,X)45-RH-101-M,,TTY,,PHY) | Ok |
| A0168.100 | (45-RH-103(P,X)45-RH-101-M,CUM,TTY,,PHY) | Ok |
| A0168.101 | (45-RH-103(P,X)45-RH-102-M,,TTY,,PHY) | Ok |
| A0168.102 | (45-RH-103(P,X)45-RH-102-G,,TTY,,PHY) | Ok |
| A0168.103 | (45-RH-103(P,N)46-PD-103,,TTY,,PHY) | Ok |
| A0168.104 | (48-CD-0(P,X)47-AG-105-G,,TTY,,PHY) | Ok |
| A0168.105 | (47-AG-107(P,X)47-AG-106-M,,TTY,,PHY) | Ok |
| A0168.106 | (47-AG-109(P,X)47-AG-108-M,,TTY,,PHY) | Ok |
| A0168.107 | (48-CD-0(P,X)47-AG-110-M,,TTY,,PHY) | Ok |
| A0168.108 | (47-AG-0(P,X)48-CD-107,,TTY,,PHY) | Ok |
| A0168.109 | (47-AG-109(P,N)48-CD-109,,TTY,,PHY) | Ok |
| A0168.110 | (48-CD-0(P,X)48-CD-109,,TTY,,PHY) | Ok |
| A0168.111 | (48-CD-116(P,X)48-CD-115-G,,TTY,,PHY) | Ok |
| A0168.112 | (48-CD-0(P,X)49-IN-111-G,,TTY,,PHY) | Ok |
| A0168.113 | (48-CD-0(P,X)49-IN-114-M,,TTY,,PHY) | Ok |
| A0168.114 | (49-IN-115(P,X)49-IN-114-M,,TTY,,PHY) | Ok |
| A0168.115 | (49-IN-0(P,X)50-SN-113-G,,TTY,,PHY) | Ok |
| A0168.116 | (50-SN-0(P,X)50-SN-113-G,,TTY,,PHY) | Ok |
| A0168.117 | (50-SN-0(P,X)51-SB-120-M,,TTY,,PHY) | Ok |
| A0168.118 | (50-SN-0(P,X)51-SB-122-G,,TTY,,PHY) | Ok |
| A0168.119 | (50-SN-124(P,N)51-SB-124-G,,TTY,,PHY) | Ok |
| A0168.120 | (51-SB-0(P,X)52-TE-121-M,,TTY,,PHY) | Ok |
| A0168.121 | (51-SB-0(P,X)52-TE-121-G,,TTY,,PHY) | Ok |
| A0168.122 | (51-SB-123(P,N)52-TE-123-M,,TTY,,PHY) | Ok |
| A0168.123 | (52-TE-0(P,X)53-I-123,,TTY,,PHY) | Ok |
| A0168.124 | (52-TE-0(P,X)53-I-124,,TTY,,PHY) | Ok |
| A0168.125 | (52-TE-0(P,X)53-I-125,,TTY,,PHY) | Ok |
| A0168.126 | (52-TE-0(P,X)53-I-126,,TTY,,PHY) | Ok |
| A0168.127 | (53-I-127(P,X)53-I-126,,TTY,,PHY) | Ok |
| A0168.128 | (52-TE-130(P,N)53-I-130-G,,TTY,,PHY) | Ok |
| A0168.129 | (53-I-127(P,N)54-XE-127-G,,TTY,,PHY) | Ok |
| A0168.130 | (55-CS-133(P,X)55-CS-132,,TTY,,PHY) | Ok |
| A0168.131 | (55-CS-133(P,N)56-BA-133-M,,TTY,,PHY) | Ok |
| A0168.132 | (55-CS-133(P,N)56-BA-133-G,,TTY,,PHY) | Ok |
| A0168.133 | (56-BA-0(P,X)56-BA-135-M,,TTY,,PHY) | Ok |
| A0168.134 | (57-LA-139(P,N+A)56-BA-135-M,,TTY,,PHY) | Ok |
| A0168.135 | (56-BA-0(P,X)57-LA-135,,TTY,,PHY) | Ok |
| A0168.136 | (57-LA-139(P,N)58-CE-139-G,,TTY,,PHY) | Ok |
| A0168.137 | (58-CE-0(P,X)58-CE-139-G,CUM,TTY,,PHY) | Ok |
| A0168.138 | (58-CE-140(P,2N)59-PR-139,,TTY,,PHY) | Ok |
| A0168.139 | (59-PR-141(P,2N)60-ND-140,,TTY,,PHY) | Ok |
| A0168.140 | (60-ND-0(P,X)61-PM-143,,TTY,,PHY) | Ok |
| A0168.141 | (60-ND-0(P,X)61-PM-144,,TTY,,PHY) | Ok |
| A0168.142 | (60-ND-0(P,X)61-PM-148-G,,TTY,,PHY) | Ok |
| A0168.143 | (62-SM-0(P,X)63-EU-147,,TTY,,PHY) | Ok |
| A0168.144 | (62-SM-0(P,X)63-EU-148,,TTY,,PHY) | Ok |
| A0168.145 | (62-SM-0(P,X)63-EU-150-M,,TTY,,PHY) | Ok |
| A0168.146 | (63-EU-151(P,X)63-EU-150-M,,TTY,,PHY) | Ok |
| A0168.147 | (62-SM-0(P,X)63-EU-152-G,,TTY,,PHY) | Ok |
| A0168.148 | (63-EU-153(P,X)63-EU-152-G,,TTY,,PHY) | Ok |
| A0168.149 | (62-SM-154(P,N)63-EU-154,,TTY,,PHY) | Ok |
| A0168.150 | (63-EU-0(P,X)64-GD-151,,TTY,,PHY) | Ok |
| A0168.151 | (63-EU-153(P,N)64-GD-153,,TTY,,PHY) | Ok |
| A0168.152 | (64-GD-0(P,X)65-TB-155,,TTY,,PHY) | Ok |
| A0168.153 | (64-GD-0(P,X)65-TB-156-G,,TTY,,PHY) | Ok |
| A0168.154 | (64-GD-0(P,X)65-TB-158-G,,TTY,,PHY) | Ok |
| A0168.155 | (68-ER-0(P,X)69-TM-165,,TTY,,PHY) | Ok |
| A0168.156 | (68-ER-0(P,X)69-TM-166,,TTY,,PHY) | Ok |
| A0168.157 | (68-ER-0(P,X)69-TM-167,,TTY,,PHY) | Ok |
| A0168.158 | (68-ER-0(P,X)69-TM-168,,TTY,,PHY) | Ok |
| A0168.159 | (68-ER-170(P,N)69-TM-170,,TTY,,PHY) | Ok |
| A0168.160 | (70-YB-0(P,X)71-LU-173,,TTY,,PHY) | Ok |
| A0168.161 | (70-YB-0(P,X)71-LU-174-G,,TTY,,PHY) | Ok |
| A0168.162 | (72-HF-0(P,X)72-HF-175,,TTY,,PHY) | Ok |
| A0168.163 | (72-HF-0(P,X)73-TA-176,,TTY,,PHY) | Ok |
| A0168.164 | (72-HF-0(P,X)73-TA-177,,TTY,,PHY) | Ok |
| A0168.165 | (73-TA-181(P,N)74-W-181,,TTY,,PHY) | Ok |
| A0168.166 | (74-W-0(P,X)75-RE-181,,TTY,,PHY) | Ok |
| A0168.167 | (74-W-0(P,X)75-RE-182-M,,TTY,,PHY) | Ok |
| A0168.168 | (74-W-0(P,X)75-RE-182-G,,TTY,,PHY) | Ok |
| A0168.169 | (74-W-0(P,X)75-RE-183,,TTY,,PHY) | Ok |
| A0168.170 | (74-W-0(P,X)75-RE-184-M,,TTY,,PHY) | Ok |
| A0168.171 | (74-W-0(P,X)75-RE-184-G,,TTY,,PHY) | Ok |
| A0168.172 | (75-RE-0(P,X)76-OS-185,,TTY,,PHY) | Ok |
| A0168.173 | (78-PT-0(P,X)79-AU-194,,TTY,,PHY) | Ok |
| A0168.174 | (78-PT-0(P,X)79-AU-195-G,,TTY,,PHY) | Ok |
| A0168.175 | (78-PT-0(P,X)79-AU-196-G,,TTY,,PHY) | Ok |
| A0168.176 | (79-AU-197(P,X)79-AU-196-G,,TTY,,PHY) | Ok |
| A0168.177 | (79-AU-197(P,N)80-HG-197-G,,TTY,,PHY) | Ok |
| A0168.178 | (80-HG-0(P,X)80-HG-203,CUM,TTY,,PHY) | Ok |
| A0168.179 | (80-HG-0(P,X)81-TL-200,,TTY,,PHY) | Ok |
| A0168.180 | (80-HG-0(P,X)81-TL-201,,TTY,,PHY) | Ok |
| A0168.181 | (80-HG-0(P,X)81-TL-202,,TTY,,PHY) | Ok |
| A0168.182 | (81-TL-203(P,X)81-TL-202,,TTY,,PHY) | Ok |
| A0168.183 | (81-TL-203(P,3N)82-PB-201-G,,TTY,,PHY) | Ok |
| A0168.184 | (81-TL-203(P,2N)82-PB-202-M,,TTY,,PHY) | Ok |
| A0168.185 | (81-TL-0(P,X)82-PB-203-G,,TTY,,PHY) | Ok |
| A0168.186 | (82-PB-0(P,X)83-BI-205,,TTY,,PHY) | Ok |
| A0168.187 | (82-PB-0(P,X)83-BI-206,,TTY,,PHY) | Ok |
| A0168.188 | (82-PB-0(P,X)83-BI-207,,TTY,,PHY) | Ok |
| A0168.189 | (83-BI-209(P,X)83-BI-207,CUM,TTY,,PHY) | Ok |
|  |  |  |  |  |
| A0183.002 | (8-O-16(A,X)9-F-18,CUM,TTY,,DT/RAW) | (8-O-16(A,X)9-F-18,CUM,TTY,,EOB/MSC) | No proper information is given. It seems the presented "yield" is a batch yield. May be at EOB. No beam intensity and irradiation time were given.  [***Delete?***Its definition is not clear. T1/2 is comparable to 1 hr, and therefore use of (PHY) is not adequate..] | A089 |
|  |  |  |  |  |
| A0184.005.Y | (35-BR-0(P,X)35-BR-77-G,CUM,TTY,,,EXP) | (35-BR-0(P,X)35-BR-77,CUM,TTY,,SAT,DERIV) | Saturation activity is given in tab format.  [Restore the original data in 109dps/uA = GBq/uA.] | A089 |
| A0184.006.Y | (35-BR-0(P,X)35-BR-76-G,CUM,TTY,,,EXP) | (35-BR-0(P,X)35-BR-76,CUM,TTY,,SAT,DERIV) |
| A0184.007.Y | (33-AS-75(A,2N)35-BR-77-G,M+,TTY,,,EXP) | (33-AS-75(A,2N)35-BR-77,,TTY,,SAT,DERIV) |
| A0184.008.Y | (33-AS-75(A,3N)35-BR-76-G,M+,TTY,,,EXP) | (33-AS-75(A,3N)35-BR-76,,TTY,,SAT,DERIV) |
|  |  |  |  |  |
| A0194.002 | (3-LI-0(D,X)4-BE-7,,TTY,,PHY) | Ok |  | A084, A089 |
| A0194.003 | (4-BE-9(D,N+T)4-BE-7,,TTY,,PHY) | Ok |  |
| A0194.004 | (5-B-0(D,X)4-BE-7,,TTY,,PHY) | Ok |  |
| A0194.005 | (5-B-0(D,X)6-C-11,,TTY,,PHY) | Ok |  |
| A0194.006 | (6-C-0(D,X)6-C-11,,TTY,,PHY) | Ok |  |
| A0194.007 | (7-N-0(D,X)6-C-11,,TTY,,PHY) | Ok |  |
| A0194.008 | (6-C-0(D,X)7-N-13,,TTY,,PHY) | Ok |  |
| A0194.009 | (7-N-0(D,X)7-N-13,,TTY,,PHY) | Ok |  |
| A0194.010 | (8-O-0(D,X)7-N-13,,TTY,,PHY) | Ok |  |
| A0194.011 | (8-O-0(D,X)9-F-18,,TTY,,PHY) | Ok |  |
| A0194.012 | (9-F-19(D,X)9-F-18,CUM,TTY,,PHY) | Ok |  |
| A0194.013 | (11-NA-23(D,X)11-NA-22,CUM,TTY,,PHY) | Ok |  |
| A0194.014 | (12-MG-0(D,X)11-NA-22,,TTY,,PHY) | Ok |  |
| A0194.015 | (11-NA-23(D,P)11-NA-24,,TTY,,PHY) | Ok |  |
| A0194.016 | (12-MG-0(D,X)11-NA-24,,TTY,,PHY) | Ok |  |
| A0194.017 | (13-AL-27(D,P+A)11-NA-24,,TTY,,PHY) | Ok |  |
| A0194.018 | (12-MG-0(D,X)13-AL-26,,TTY,,PHY) | Ok |  |
| A0194.019 | (20-CA-0(D,X)19-K-42,,TTY,,PHY) | Ok |  |
| A0194.020 | (21-SC-45(D,P+A)19-K-42,,TTY,,PHY) | Ok |  |
| A0194.021 | (20-CA-0(D,X)19-K-43,,TTY,,PHY) | Ok |  |
| A0194.022 | (20-CA-0(D,X)20-CA-47,,TTY,,PHY) | Ok |  |
| A0194.023 | (20-CA-0(D,X)21-SC-44-M,,TTY,,PHY) | Ok |  |
| A0194.024 | (21-SC-45(D,T)21-SC-44-M,,TTY,,PHY) | Ok |  |
| A0194.025 | (22-TI-0(D,X)21-SC-44-M,,TTY,,PHY) | Ok |  |
| A0194.026 | (21-SC-45(D,P)21-SC-46,,TTY,,PHY) | Ok |  |
| A0194.027 | (22-TI-0(D,X)21-SC-46,,TTY,,PHY) | Ok |  |
| A0194.028 | (20-CA-48(D,3N)21-SC-47,,TTY,,PHY) | Ok |  |
| A0194.029 | (22-TI-0(D,X)21-SC-47,,TTY,,PHY) | Ok |  |
| A0194.030 | (20-CA-48(D,2N)21-SC-48,,TTY,,PHY) | Ok |  |
| A0194.031 | (23-V-51(D,P+A)21-SC-48,,TTY,,PHY) | Ok |  |
| A0194.032 | (21-SC-45(D,3N)22-TI-44,,TTY,,PHY) | Ok |  |
| A0194.033 | (21-SC-45(D,2N)22-TI-45,,TTY,,PHY) | Ok |  |
| A0194.034 | (22-TI-0(D,X)23-V-48,,TTY,,PHY) | Ok |  |
| A0194.035 | (24-CR-0(D,X)23-V-48,,TTY,,PHY) | Ok |  |
| A0194.036 | (22-TI-0(D,X)23-V-49,,TTY,,PHY) | Ok |  |
| A0194.037 | (24-CR-0(D,X)23-V-49,,TTY,,PHY) | Ok |  |
| A0194.038 | (23-V-0(D,X)24-CR-51,,TTY,,PHY) | Ok |  |
| A0194.039 | (24-CR-0(D,X)24-CR-51,,TTY,,PHY) | Ok |  |
| A0194.040 | (25-MN-55(D,2N+A)24-CR-51,,TTY,,PHY) | Ok |  |
| A0194.041 | (24-CR-0(D,X)25-MN-52,,TTY,,PHY) | Ok |  |
| A0194.042 | (26-FE-0(D,X)25-MN-52,,TTY,,PHY) | Ok |  |
| A0194.043 | (24-CR-0(D,X)25-MN-54,,TTY,,PHY) | Ok |  |
| A0194.044 | (25-MN-55(D,T)25-MN-54,,TTY,,PHY) | Ok |  |
| A0194.045 | (26-FE-0(D,X)25-MN-54,,TTY,,PHY) | Ok |  |
| A0194.046 | (26-FE-0(D,X)25-MN-56,,TTY,,PHY) | Ok |  |
| A0194.047 | (27-CO-59(D,P+A)25-MN-56,,TTY,,PHY) | Ok |  |
| A0194.048 | (25-MN-55(D,2N)26-FE-55,,TTY,,PHY) | Ok |  |
| A0194.049 | (26-FE-0(D,X)26-FE-55,,TTY,,PHY) | Ok |  |
| A0194.050 | (28-NI-58(D,P+A)26-FE-55,,TTY,,PHY) | Ok |  |
| A0194.051 | (27-CO-59(D,2P)26-FE-59,,TTY,,PHY) | Ok |  |
| A0194.052 | (26-FE-0(D,X)27-CO-55,,TTY,,PHY) | Ok |  |
| A0194.053 | (28-NI-58(D,N+A)27-CO-55,,TTY,,PHY) | Ok |  |
| A0194.054 | (26-FE-0(D,X)27-CO-56,,TTY,,PHY) | Ok |  |
| A0194.055 | (28-NI-0(D,X)27-CO-56,,TTY,,PHY) | Ok |  |
| A0194.056 | (26-FE-0(D,X)27-CO-57,,TTY,,PHY) | Ok |  |
| A0194.057 | (28-NI-0(D,X)27-CO-57,,TTY,,PHY) | Ok |  |
| A0194.058 | (26-FE-0(D,X)27-CO-58,,TTY,,PHY) | Ok |  |
| A0194.059 | (27-CO-59(D,T)27-CO-58,,TTY,,PHY) | Ok |  |
| A0194.060 | (28-NI-0(D,X)27-CO-58,,TTY,,PHY) | Ok |  |
| A0194.061 | (27-CO-59(D,P)27-CO-60,,TTY,,PHY) | Ok |  |
| A0194.062 | (28-NI-0(D,X)27-CO-60,,TTY,,PHY) | Ok |  |
| A0194.063 | (29-CU-63(D,P+A)27-CO-60,,TTY,,PHY) | Ok |  |
| A0194.064 | (28-NI-0(D,X)28-NI-57,,TTY,,PHY) | Ok |  |
| A0194.065 | (29-CU-0(D,X)29-CU-64,,TTY,,PHY) | Ok |  |
| A0194.066 | (30-ZN-0(D,X)29-CU-64,,TTY,,PHY) | Ok |  |
| A0194.067 | (30-ZN-0(D,X)29-CU-67,,TTY,,PHY) | Ok |  |
| A0194.068 | (29-CU-63(D,3N)30-ZN-62,,TTY,,PHY) | Ok |  |
| A0194.069 | (29-CU-65(D,2N)30-ZN-65,,TTY,,PHY) | Ok |  |
| A0194.070 | (30-ZN-0(D,X)30-ZN-65,,TTY,,PHY) | Ok |  |
| A0194.071 | (31-GA-0(D,X)30-ZN-69-M,,TTY,,PHY) | Ok |  |
| A0194.072 | (30-ZN-0(D,X)31-GA-66,,TTY,,PHY) | Ok |  |
| A0194.073 | (30-ZN-0(D,X)31-GA-67,,TTY,,PHY) | Ok |  |
| A0194.074 | (32-GE-70(D,N+A)31-GA-67,,TTY,,PHY) | Ok |  |
| A0194.075 | (31-GA-69(D,3N)32-GE-68,,TTY,,PHY) | Ok |  |
| A0194.076 | (31-GA-0(D,X)32-GE-69,,TTY,,PHY) | Ok |  |
| A0194.077 | (32-GE-0(D,X)33-AS-71,,TTY,,PHY) | Ok |  |
| A0194.078 | (32-GE-0(D,X)33-AS-72,,TTY,,PHY) | Ok |  |
| A0194.079 | (32-GE-0(D,X)33-AS-73,,TTY,,PHY) | Ok |  |
| A0194.080 | (32-GE-0(D,X)33-AS-74,,TTY,,PHY) | Ok |  |
| A0194.081 | (33-AS-75(D,T)33-AS-74,,TTY,,PHY) | Ok |  |
| A0194.082 | (34-SE-0(D,X)33-AS-74,,TTY,,PHY) | Ok |  |
| A0194.083 | (32-GE-76(D,2N)33-AS-76,,TTY,,PHY) | Ok |  |
| A0194.084 | (33-AS-75(D,2N)34-SE-75,,TTY,,PHY) | Ok |  |
| A0194.085 | (34-SE-0(D,X)34-SE-75,,TTY,,PHY) | Ok |  |
| A0194.086 | (34-SE-0(D,X)35-BR-76,,TTY,,PHY) | Ok |  |
| A0194.087 | (34-SE-0(D,X)35-BR-77,,TTY,,PHY) | Ok |  |
| A0194.088 | (34-SE-82(D,2N)35-BR-82,,TTY,,PHY) | Ok |  |
| A0194.089 | (35-BR-81(D,P)35-BR-82,,TTY,,PHY) | Ok |  |
| A0194.090 | (37-RB-85(D,T)37-RB-84,,TTY,,PHY) | Ok |  |
| A0194.091 | (37-RB-0(D,X)37-RB-86,,TTY,,PHY) | Ok |  |
| A0194.092 | (37-RB-85(D,2N)38-SR-85,,TTY,,PHY) | Ok |  |
| A0194.093 | (38-SR-0(D,X)39-Y-86,,TTY,,PHY) | Ok |  |
| A0194.094 | (38-SR-0(D,X)39-Y-87-M,,TTY,,PHY) | Ok |  |
| A0194.095 | (38-SR-0(D,X)39-Y-87,,TTY,,PHY) | Ok |  |
| A0194.096 | (40-ZR-0(D,X)39-Y-87,,TTY,,PHY) | Ok |  |
| A0194.097 | (38-SR-0(D,X)39-Y-88,,TTY,,PHY) | Ok |  |
| A0194.098 | (39-Y-89(D,T)39-Y-88,,TTY,,PHY) | Ok |  |
| A0194.099 | (40-ZR-0(D,X)39-Y-88,,TTY,,PHY) | Ok |  |
| A0194.100 | (39-Y-89(D,3N)40-ZR-88,,TTY,,PHY) | Ok |  |
| A0194.101 | (39-Y-89(D,2N)40-ZR-89,,TTY,,PHY) | Ok |  |
| A0194.102 | (40-ZR-0(D,X)40-ZR-89,,TTY,,PHY) | Ok |  |
| A0194.103 | (40-ZR-0(D,X)40-ZR-95,,TTY,,PHY) | Ok |  |
| A0194.104 | (40-ZR-0(D,X)41-NB-92-M,,TTY,,PHY) | Ok |  |
| A0194.105 | (41-NB-93(D,T)41-NB-92-M,,TTY,,PHY) | Ok |  |
| A0194.106 | (40-ZR-0(D,X)41-NB-95,,TTY,,PHY) | Ok |  |
| A0194.107 | (41-NB-93(D,2N)42-MO-93-M,,TTY,,PHY) | Ok |  |
| A0194.108 | (41-NB-93(D,2N)42-MO-93,,TTY,,PHY) | Ok |  |
| A0194.109 | (42-MO-0(D,X)43-TC-95-M,,TTY,,PHY) | Ok |  |
| A0194.110 | (42-MO-0(D,X)43-TC-96,,TTY,,PHY) | Ok |  |
| A0194.111 | (42-MO-0(D,X)43-TC-97-M,,TTY,,PHY) | Ok |  |
| A0194.112 | (45-RH-103(D,2P)44-RU-103,,TTY,,PHY) | Ok |  |
| A0194.113 | (44-RU-0(D,X)45-RH-102-M,,TTY,,PHY) | Ok |  |
| A0194.114 | (45-RH-103(D,T)45-RH-102-M,,TTY,,PHY) | Ok |  |
| A0194.115 | (44-RU-0(D,X)45-RH-102,,TTY,,PHY) | Ok |  |
| A0194.116 | (45-RH-103(D,T)45-RH-102,,TTY,,PHY) | Ok |  |
| A0194.117 | (45-RH-103(D,2N)46-PD-103,,TTY,,PHY) | Ok |  |
| A0194.118 | (47-AG-107(D,T)47-AG-106-M,,TTY,,PHY) | Ok |  |
| A0194.119 | (47-AG-0(D,X)47-AG-108-M,,TTY,,PHY) | Ok |  |
| A0194.120 | (47-AG-109(D,P)47-AG-110-M,,TTY,,PHY) | Ok |  |
| A0194.121 | (48-CD-0(D,X)47-AG-110-M,,TTY,,PHY) | Ok |  |
| A0194.122 | (48-CD-0(D,X)47-AG-111,,TTY,,PHY) | Ok |  |
| A0194.123 | (47-AG-107(D,2N)48-CD-107,,TTY,,PHY) | Ok |  |
| A0194.124 | (47-AG-109(D,2N)48-CD-109,,TTY,,PHY) | Ok |  |
| A0194.125 | (48-CD-0(D,X)48-CD-109,,TTY,,PHY) | Ok |  |
| A0194.126 | (48-CD-0(D,X)48-CD-115,,TTY,,PHY) | Ok |  |
| A0194.127 | (48-CD-0(D,X)49-IN-111,,TTY,,PHY) | Ok |  |
| A0194.128 | (48-CD-0(D,X)49-IN-114-M,,TTY,,PHY) | Ok |  |
| A0194.129 | (49-IN-0(D,X)49-IN-114-M,,TTY,,PHY) | Ok |  |
| A0194.130 | (49-IN-113(D,2N)50-SN-113,,TTY,,PHY) | Ok |  |
| A0194.131 | (50-SN-0(D,X)50-SN-117-M,,TTY,,PHY) | Ok |  |
| A0194.132 | (50-SN-0(D,X)51-SB-120-M,,TTY,,PHY) | Ok |  |
| A0194.133 | (50-SN-0(D,X)51-SB-122,,TTY,,PHY) | Ok |  |
| A0194.134 | (50-SN-124(D,2N)51-SB-124,,TTY,,PHY) | Ok |  |
| A0194.135 | (51-SB-123(D,P)51-SB-124,,TTY,,PHY) | Ok |  |
| A0194.136 | (51-SB-0(D,X)52-TE-121-M,,TTY,,PHY) | Ok |  |
| A0194.137 | (51-SB-0(D,X)52-TE-121,,TTY,,PHY) | (51-SB-0(D,X)52-TE-121-G,M-,TTY,,PHY) | (registered in Feedback List) |
| A0194.138 | (51-SB-123(D,2N)52-TE-123-M,,TTY,,PHY) | Ok |  |
| A0194.139 | (52-TE-0(D,X)53-I-123,,TTY,,PHY) | Ok |  |
| A0194.140 | (52-TE-0(D,X)53-I-124,,TTY,,PHY) | Ok |  |
| A0194.141 | (52-TE-0(D,X)53-I-125,,TTY,,PHY) | Ok |  |
| A0194.142 | (52-TE-0(D,X)53-I-126,,TTY,,PHY) | Ok |  |
| A0194.143 | (52-TE-130(D,2N)53-I-130,,TTY,,PHY) | Ok |  |
| A0194.144 | (52-TE-0(D,X)53-I-131,,TTY,,PHY) | Ok |  |
| A0194.145 | (53-I-127(D,2N)54-XE-127,,TTY,,PHY) | Ok |  |
| A0194.146 | (55-CS-133(D,2P)54-XE-133,,TTY,,PHY) | Ok |  |
| A0194.147 | (55-CS-133(D,P)55-CS-134,,TTY,,PHY) | Ok |  |
| A0194.148 | (55-CS-133(D,2N)56-BA-133-M,,TTY,,PHY) | Ok |  |
| A0194.149 | (56-BA-0(D,X)56-BA-133-M,,TTY,,PHY) | Ok |  |
| A0194.150 | (55-CS-133(D,2N)56-BA-133,,TTY,,PHY) | Ok |  |
| A0194.151 | (57-LA-139(D,P)57-LA-140,,TTY,,PHY) | Ok |  |
| A0194.152 | (58-CE-0(D,X)57-LA-140,,TTY,,PHY) | Ok |  |
| A0194.153 | (57-LA-139(D,2N)58-CE-139,,TTY,,PHY) | Ok |  |
| A0194.154 | (58-CE-0(D,X)58-CE-139,,TTY,,PHY) | Ok |  |
| A0194.155 | (58-CE-0(D,X)58-CE-141,,TTY,,PHY) | Ok |  |
| A0194.156 | (58-CE-142(D,P)58-CE-143,,TTY,,PHY) | Ok |  |
| A0194.157 | (59-PR-141(D,P)59-PR-142,,TTY,,PHY) | Ok |  |
| A0194.158 | (59-PR-141(D,3N)60-ND-140,,TTY,,PHY) | Ok |  |
| A0194.159 | (60-ND-0(D,X)61-PM-143,,TTY,,PHY) | Ok |  |
| A0194.160 | (60-ND-0(D,X)61-PM-144,,TTY,,PHY) | Ok |  |
| A0194.161 | (60-ND-0(D,X)61-PM-148,,TTY,,PHY) | Ok |  |
| A0194.162 | (62-SM-0(D,X)63-EU-148,,TTY,,PHY) | Ok |  |
| A0194.163 | (62-SM-0(D,X)63-EU-150-M,,TTY,,PHY) | Ok |  |
| A0194.164 | (62-SM-0(D,X)63-EU-152,,TTY,,PHY) | Ok |  |
| A0194.165 | (62-SM-154(D,2N)63-EU-154,,TTY,,PHY) | Ok |  |
| A0194.166 | (63-EU-0(D,X)64-GD-151,,TTY,,PHY) | Ok |  |
| A0194.167 | (63-EU-153(D,2N)64-GD-153,,TTY,,PHY) | Ok |  |
| A0194.168 | (64-GD-0(D,X)65-TB-155,,TTY,,PHY) | Ok |  |
| A0194.169 | (64-GD-0(D,X)65-TB-156,,TTY,,PHY) | Ok |  |
| A0194.170 | (67-HO-165(D,P)67-HO-166,,TTY,,PHY) | (67-HO-165(D,P)67-HO-166-G,,TTY,,PHY) | (registered in Feedback List) |
| A0194.171 | (68-ER-0(D,X)69-TM-165,,TTY,,PHY) | Ok |  |
| A0194.172 | (68-ER-0(D,X)69-TM-166,,TTY,,PHY) | Ok |  |
| A0194.173 | (68-ER-0(D,X)69-TM-167,,TTY,,PHY) | Ok |  |
| A0194.174 | (68-ER-0(D,X)69-TM-168,,TTY,,PHY) | Ok |  |
| A0194.175 | (68-ER-170(D,2N)69-TM-170,,TTY,,PHY) | Ok |  |
| A0194.176 | (70-YB-0(D,X)71-LU-173,,TTY,,PHY) | Ok |  |
| A0194.177 | (70-YB-0(D,X)71-LU-174,,TTY,,PHY) | Ok |  |
| A0194.178 | (72-HF-0(D,X)72-HF-175,,TTY,,PHY) | Ok |  |
| A0194.179 | (72-HF-180(D,P)72-HF-181,,TTY,,PHY) | Ok |  |
| A0194.180 | (72-HF-0(D,X)73-TA-176,,TTY,,PHY) | Ok |  |
| A0194.181 | (72-HF-0(D,X)73-TA-178,,TTY,,PHY) | Ok |  |
| A0194.182 | (73-TA-181(D,P)73-TA-182,,TTY,,PHY) | Ok |  |
| A0194.183 | (73-TA-181(D,2N)74-W-181,,TTY,,PHY) | Ok |  |
| A0194.184 | (74-W-0(D,X)75-RE-181,,TTY,,PHY) | Ok |  |
| A0194.185 | (74-W-0(D,X)75-RE-182-M,,TTY,,PHY) | Ok |  |
| A0194.186 | (74-W-0(D,X)75-RE-182,,TTY,,PHY) | (74-W-0(D,X)75-RE-182-M,,TTY,,PHY) |  |
| A0194.187 | (74-W-0(D,X)75-RE-183,,TTY,,PHY) | Ok |  |
| A0194.188 | (74-W-0(D,X)75-RE-184-M,,TTY,,PHY) | Ok |  |
| A0194.189 | (74-W-0(D,X)75-RE-184,,TTY,,PHY) | (74-W-0(D,X)75-RE-184-G,M-,TTY,,PHY) |  |
| A0194.190 | (75-RE-0(D,X)76-OS-185,,TTY,,PHY) | Ok |  |
| A0194.191 | (78-PT-0(D,X)79-AU-193,,TTY,,PHY) | Ok |  |
| A0194.192 | (78-PT-0(D,X)79-AU-194,,TTY,,PHY) | Ok |  |
| A0194.193 | (78-PT-0(D,X)79-AU-195,,TTY,,PHY) | Ok |  |
| A0194.194 | (78-PT-0(D,X)79-AU-196,,TTY,,PHY) | Ok |  |
| A0194.195 | (79-AU-197(D,T)79-AU-196,,TTY,,PHY) | Ok |  |
| A0194.196 | (78-PT-198(D,2N)79-AU-198,,TTY,,PHY) | Ok |  |
| A0194.197 | (79-AU-197(D,P)79-AU-198,,TTY,,PHY) | Ok |  |
| A0194.198 | (78-PT-0(D,X)79-AU-199,,TTY,,PHY) | Ok |  |
| A0194.199 | (79-AU-197(D,2N)80-HG-197,,TTY,,PHY) | Ok |  |
| A0194.200 | (80-HG-0(D,X)80-HG-203,,TTY,,PHY) | Ok |  |
| A0194.201 | (81-TL-0(D,X)80-HG-203,,TTY,,PHY) | Ok |  |
| A0194.202 | (80-HG-0(D,X)81-TL-200,,TTY,,PHY) | Ok |  |
| A0194.203 | (80-HG-0(D,X)81-TL-201,,TTY,,PHY) | Ok |  |
| A0194.204 | (80-HG-0(D,X)81-TL-202,,TTY,,PHY) | Ok |  |
| A0194.205 | (81-TL-203(D,3N)82-PB-202-M,,TTY,,PHY) | Ok |  |
| A0194.206 | (81-TL-0(D,X)82-PB-203,,TTY,,PHY) | Ok |  |
| A0194.207 | (82-PB-0(D,X)83-BI-205,,TTY,,PHY) | Ok |  |
| A0194.208 | (82-PB-0(D,X)83-BI-206,,TTY,,PHY) | Ok |  |
| A0194.209 | (82-PB-0(D,X)83-BI-207,,TTY,,PHY) | Ok |  |
|  |  |  |  |  |
| A0199.002.A | (50-SN-0(A,X)52-TE-118,,TTY,,(PHY)) | Ok |  | A070 |
| A0199.002.B | (50-SN-0(A,X)52-TE-119-M,,TTY,,(PHY)) | Ok |  |
| A0199.002.C | (50-SN-0(A,X)52-TE-121-M,,TTY,,(PHY)) | Ok |  |
| A0199.002.D | (50-SN-0(A,X)52-TE-121-G,,TTY,,(PHY)) | Ok |  |
| A0199.002.E | (50-SN-0(A,X)52-TE-123-M,,TTY,,(PHY)) | Ok |  |
|  |  |  |  |  |
| A0211.002 | (19-K-41(D,P)19-K-42,,TTY,,PHY) | Ok | No changes were made, supposing EOB activity is used in the calculation formula.  [Eqs.(1) and (2) give the physical yield assuming that A in Eq.(1) gives the end-of-bombardment activity.] | A070 |
| A0211.003 | (20-CA-42(D,N)21-SC-43,,TTY,,PHY) | Ok |
| A0211.004 | (20-CA-43(D,N)21-SC-44,,TTY,,PHY) | Ok |
| A0211.005 | (20-CA-43(D,N)21-SC-44-M,,TTY,,PHY) | Ok |
| A0211.006 | (22-TI-48(D,2N)23-V-48,,TTY,,PHY) | Ok |
| A0211.007 | (23-V-51(D,2N)24-CR-51,,TTY,,PHY) | Ok |
| A0211.008 | (24-CR-50(D,N)25-MN-51,,TTY,,PHY) | Ok |
| A0211.009 | (24-CR-50(D,P)24-CR-51,,TTY,,PHY) | Ok |
| A0211.010 | (24-CR-52(D,2N)25-MN-52,,TTY,,PHY) | Ok |
| A0211.011 | (25-MN-55(D,P)25-MN-56,,TTY,,PHY) | Ok |
| A0211.012 | (27-CO-59(D,P)27-CO-60,,TTY,,PHY) | Ok |
| A0211.013 | (29-CU-63(D,2N)30-ZN-63,,TTY,,PHY) | Ok |
| A0211.014 | (29-CU-65(D,2N)30-ZN-65,,TTY,,PHY) | Ok |
| A0211.015 | (29-CU-63(D,P)29-CU-64,,TTY,,PHY) | Ok |
| A0211.016 | (30-ZN-66(D,N)31-GA-67,,TTY,,PHY) | Ok |
| A0211.017 | (30-ZN-66(D,2N)31-GA-66,,TTY,,PHY) | Ok |
| A0211.018 | (30-ZN-68(D,P)30-ZN-69,,TTY,,PHY) | Ok |
| A0211.019 | (31-GA-69(D,2N)32-GE-69,,TTY,,PHY) | Ok |
| A0211.020 | (31-GA-71(D,P)31-GA-72,,TTY,,PHY) | Ok |
| A0211.021 | (34-SE-80(D,2N)35-BR-80-M,,TTY,,PHY) | Ok |
| A0211.022 | (34-SE-82(D,2N)35-BR-82,,TTY,,PHY) | Ok |
| A0211.023 | (35-BR-81(D,P)35-BR-82,,TTY,,PHY) | Ok |
| A0211.024 | (38-SR-86(D,N)39-Y-87,,TTY,,PHY) | Ok |
| A0211.025 | (38-SR-86(D,N)39-Y-87-M,,TTY,,PHY) | OK |
|  |  |  |  |  |
| A0212.002 | (45-RH-103(P,N)46-PD-103,,TTY,,PHY) | Ok | No changes were made, supposing correct formula was used, SD made the changes | A070 |
| A0212.003 | (45-RH-103(D,2N)46-PD-103,,TTY,,PHY) | Ok |
| A0212.004 | (47-AG-107(P,N)48-CD-107,,TTY,,PHY) | Ok |
| A0212.005 | (48-CD-110(P,N)49-IN-110-M,,TTY,,PHY) | Ok |
| A0212.006 | (48-CD-110(P,N)49-IN-110,,TTY,,PHY) | Ok |
| A0212.007 | (48-CD-111(P,N)49-IN-111-M,,TTY,,PHY) | Ok |
| A0212.008 | (48-CD-113(P,N)49-IN-113-M,,TTY,,PHY) | Ok |
| A0212.009 | (48-CD-116(P,N)49-IN-116-M,,TTY,,PHY) | Ok |
| A0212.010 | (48-CD-114(D,P)48-CD-115-M,,TTY,,PHY) | Ok |
| A0212.011 | (48-CD-114(D,P)48-CD-115,,TTY,,PHY) | Ok |
| A0212.012 | (49-IN-113(D,2N)50-SN-113,,TTY,,PHY) | Ok |
| A0212.013 | (50-SN-117(P,N)51-SB-117,,TTY,,PHY) | Ok |
| A0212.014 | (50-SN-120(P,N)51-SB-120-M,,TTY,,PHY) | Ok |
| A0212.015 | (50-SN-122(P,N)51-SB-122,,TTY,,PHY) | Ok |
| A0212.016 | (50-SN-117(D,2N)51-SB-117,,TTY,,PHY) | Ok |
| A0212.017 | (50-SN-118(D,2N)51-SB-118-M,,TTY,,PHY) | Ok |
| A0212.018 | (50-SN-120(D,2N)51-SB-120-M,,TTY,,PHY) | Ok |
| A0212.019 | (50-SN-122(D,2N)51-SB-122,,TTY,,PHY) | Ok |
| A0212.020 | (51-SB-121(P,N)52-TE-121-M,,TTY,,PHY) | Ok |
| A0212.021 | (51-SB-121(P,N)52-TE-121,,TTY,,PHY) | Ok |
| A0212.022 | (51-SB-123(P,N)52-TE-123-M,,TTY,,PHY) | Ok |
| A0212.023 | (52-TE-128(P,N)53-I-128,,TTY,,PHY) | Ok |
| A0212.024 | (52-TE-130(P,N)53-I-130,,TTY,,PHY) | Ok |
| A0212.025 | (52-TE-126(D,2N)53-I-126,,TTY,,PHY) | Ok |
| A0212.026 | (52-TE-130(D,2N)53-I-130,,TTY,,PHY) | Ok |
| A0212.027 | (52-TE-130(D,N)53-I-131,,TTY,,PHY) | Ok |
| A0212.028 | (55-CS-133(P,N)56-BA-133-M,,TTY,,PHY) | Ok |
| A0212.029 | (55-CS-133(D,P)55-CS-134-M,,TTY,,PHY) | Ok |
| A0212.030 | (55-CS-133(D,P)55-CS-134,,TTY,,PHY) | Ok |
| A0212.031 | (55-CS-133(D,2N)56-BA-133-M,,TTY,,PHY) | Ok |
| A0212.032 | (57-LA-139(P,N)58-CE-139,,TTY,,PHY) | Ok |
| A0212.033 | (58-CE-142(P,N)59-PR-142,,TTY,,PHY) | Ok |
| A0212.034 | (58-CE-142(D,2N)59-PR-142,,TTY,,PHY) | Ok |
| A0212.035 | (59-PR-141(P,N)60-ND-141,,TTY,,PHY) | Ok |
| A0212.036 | (63-EU-151(P,N)64-GD-151,,TTY,,PHY) | Ok |
| A0212.037 | (63-EU-153(P,N)64-GD-153,,TTY,,PHY) | Ok |
| A0212.038 | (63-EU-151(D,2N)64-GD-151,,TTY,,PHY) | Ok |
| A0212.039 | (63-EU-153(D,2N)64-GD-153,,TTY,,PHY) | Ok |
| A0212.040 | (65-TB-159(D,P)65-TB-160,,TTY,,PHY) | Ok |
| A0212.041 | (65-TB-159(D,2N)66-DY-159,,TTY,,PHY) | Ok |
| A0212.042 | (73-TA-181(P,N)74-W-181,,TTY,,PHY) | Ok |
| A0212.043 | (73-TA-181(D,P)73-TA-182,,TTY,,PHY) | Ok |
| A0212.044 | (73-TA-181(D,2N)74-W-181,,TTY,,PHY) | Ok |
| A0212.045 | (74-W-186(D,2N)75-RE-186,,TTY,,PHY) | Ok |
| A0212.046 | (75-RE-187(D,P)75-RE-188,,TTY,,PHY) | Ok |
| A0212.047 | (82-PB-204(P,N)83-BI-204,,TTY,,PHY) | Ok |
| A0212.048 | (82-PB-206(P,N)83-BI-206,,TTY,,PHY) | Ok |
|  |  |  |  |  |
| A0226.002 | (20-CA-0(P,X)19-K-43,,TTY,,(PHY)) | Ok | No changes were made, supposing correct formula was used, SD made the changes  [Dmitriev’s yields] | A070 |
| A0226.003 | (20-CA-0(P,X)19-K-42,,TTY,,(PHY)) | Ok |
| A0226.004 | (20-CA-0(D,X)19-K-43,,TTY,,(PHY)) | Ok |
| A0226.005 | (20-CA-0(D,X)19-K-42,,TTY,,(PHY)) | Ok |
|  |  |  |  |  |
| A0234.016 | (52-TE-122(D,N)53-I-123,,TTY,,DT) | (52-TE-122(D,N)53-I-123,,TTY,,PHY,DERIV) | Calculated from the measured cross section | A088 |
| A0234.017 | (52-TE-122(D,2N)53-I-122,,TTY,,DT) | (52-TE-122(D,2N)53-I-122,,TTY,,(PHY),DERIV) |
| A0234.018 | (52-TE-122(D,3N)53-I-121,,TTY,,DT) | (52-TE-122(D,3N)53-I-121,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| A0236.002 | (17-CL-0(P,X)17-CL-34-M,,TTY,,,EXP) | (17-CL-0(P,X)17-CL-34-M,,TTY,,PHY) | Equation is given, PHY is reported | A090 |
| A0236.003 | (16-S-0(P,X)17-CL-34-M,,TTY,,,EXP) | (16-S-0(P,X)17-CL-34-M,,TTY,,PHY) |
| A0236.004 | (17-CL-0(D,X)17-CL-38,IND,TTY,,,EXP) | (17-CL-0(D,X)17-CL-38,,TTY,,PHY) |
| A0236.005 | (16-S-0(D,X)17-CL-34-M,,TTY,,,EXP) | (16-S-0(D,X)17-CL-34-M,,TTY,,PHY) |
| A0236.006 | (16-S-0(A,X)17-CL-34-M,,TTY,,,EXP) | (16-S-0(A,X)17-CL-34-M,,TTY,,PHY) |
| A0236.007 | (17-CL-0(A,X)17-CL-34-M,,TTY,,,EXP) | (17-CL-0(A,X)17-CL-34-M,,TTY,,PHY) |
| A0236.008 | (15-P-31(A,X)17-CL-34-M,IND,TTY,,,EXP) | (15-P-31(A,X)17-CL-34-M,,TTY,,PHY) |
| A0236.009 | (16-S-0(HE3,X)17-CL-34-M,,TTY,,,EXP) | (16-S-0(HE3,X)17-CL-34-M,,TTY,,PHY) |
| A0236.010 | (17-CL-0(HE3,X)17-CL-38,,TTY,,,EXP) | (17-CL-0(HE3,X)17-CL-38,,TTY,,PHY) |
| A0236.011 | (17-CL-0(HE3,X)17-CL-34-M,,TTY,,,EXP) | (17-CL-0(HE3,X)17-CL-34-M,,TTY,,PHY) |
|  |  |  |  |  |
| A0256.002 | (4-BE-9(HE3,N)6-C-11,,TTY,,(PHY)) | Ok | No changes were made. SD made the changes. | A070 |
| A0256.003 | (4-BE-9(A,2N)6-C-11,,TTY,,(PHY)) | Ok |
|  |  |  |  |  |
| A0257.002 | (11-NA-23(HE3,2A)9-F-18,,TTY,,(PHY)) | Ok | No changes were made. SD made the changes. | A070 |
| A0257.003 | (11-NA-23(A,N+2A)9-F-18,,TTY,,(PHY)) | Ok |
| A0257.004 | (13-AL-27(HE3,3A)9-F-18,,TTY,,(PHY)) | Ok |
| A0257.005 | (12-MG-24(HE3,X)9-F-18,,TTY,,(PHY)) | Ok |
|  |  |  |  |  |
| A0259.002 | (7-N-14(P,A)6-C-11,,TTY,,(PHY)) | Ok | No changes were made. SD made the changes. | A070 |
| A0259.003 | (7-N-14(P,X)7-N-13,,TTY,,(PHY)) | Ok |
| A0259.004 | (7-N-14(HE3,A)7-N-13,,TTY,,(PHY)) | Ok |
| A0259.005 | (7-N-14(HE3,X)6-C-11,,TTY,,(PHY)) | Ok |
| A0259.006 | (7-N-14(D,N+A)6-C-11,,TTY,,(PHY)) | Ok |
| A0259.007 | (7-N-14(D,T)7-N-13,,TTY,,(PHY)) | Ok |
| A0259.008 | (7-N-15(A,N)9-F-18,,TTY,,(PHY)) | Ok |
| A0259.009 | (7-N-14(A,N+A)7-N-13,,TTY,,(PHY)) | Ok |
| A0259.010 | (7-N-14(A,T+A)6-C-11,,TTY,,(PHY)) | Ok |
|  |  |  |  |  |
| A0260.002 | (6-C-13(P,N)7-N-13,,TTY,,(PHY)) | Ok | 10 min, 100nA irradiation. No details are given for yield calculation.  [Dmitriev’s yields] | A070 |
| A0260.003 | (6-C-0(P,X)6-C-11,,TTY,,(PHY)) | Ok |
| A0260.004 | (6-C-12(D,T)6-C-11,,TTY,,(PHY)) | Ok |
| A0260.005 | (6-C-0(D,X)7-N-13,,TTY,,(PHY)) | Ok |
| A0260.006 | (6-C-0(HE3,X)6-C-11,,TTY,,(PHY)) | Ok |
| A0260.007 | (6-C-12(HE3,X)7-N-13,,TTY,,(PHY)) | Ok |
| A0260.008 | (6-C-12(A,N+A)6-C-11,,TTY,,(PHY)) | Ok |
| A0260.009 | (6-C-12(A,X)7-N-13,,TTY,,(PHY)) | Ok |
| A0260.010 | (8-O-16(P,A)7-N-13,,TTY,,(PHY)) | Ok |
| A0260.011 | (8-O-18(P,N)9-F-18,,TTY,,(PHY)) | Ok |
| A0260.012 | (8-O-16(D,N+A)7-N-13,,TTY,,(PHY)) | Ok |
| A0260.013 | (8-O-0(D,X)9-F-18,,TTY,,(PHY)) | Ok |
| A0260.014 | (8-O-16(HE3,2A)6-C-11,,TTY,,(PHY)) | Ok |
| A0260.015 | (8-O-0(HE3,X)9-F-18,,TTY,,(PHY)) | Ok |
| A0260.016 | (8-O-16(A,X)9-F-18,,TTY,,(PHY)) | Ok |
|  |  |  |  |  |
| A0269.002 | (4-BE-9(P,T)4-BE-7,,TTY,,(PHY)) | Ok | No changes were made. SD made the changes, No details are given for yield calculation but long half life -> PHY.  [Dmitriev’s yields] | A070 |
| A0269.003 | (4-BE-9(HE3,N+A)4-BE-7,,TTY,,(PHY)) | Ok |
| A0269.004 | (4-BE-9(D,N+T)4-BE-7,,TTY,,(PHY)) | Ok |
| A0269.005 | (4-BE-9(A,2N+A)4-BE-7,,TTY,,(PHY)) | Ok |
| A0269.006 | (12-MG-0(P,X)11-NA-22,,TTY,,(PHY)) | Ok |
| A0269.007 | (12-MG-0(D,X)11-NA-22,,TTY,,(PHY)) | Ok |
| A0269.008 | (12-MG-0(A,X)11-NA-22,,TTY,,(PHY)) | Ok |
| A0269.009 | (6-C-12(HE3,2A)4-BE-7,,TTY,,(PHY)) | Ok |
| A0269.010 | (14-SI-28(D,2A)11-NA-22,,TTY,,(PHY)) | Ok |
| A0269.011 | (6-C-12(HE3,2A)4-BE-7,,TTY,,(PHY)) | Ok |
| A0269.012 | (14-SI-28(D,2A)11-NA-22,,TTY,,(PHY)) | Ok |
| A0269.013 | (21-SC-45(P,X)21-SC-44-M,,TTY,,(PHY)) | Ok |
| A0269.014 | (21-SC-45(D,T)21-SC-44-M,,TTY,,(PHY)) | Ok |
| A0269.015 | (21-SC-45(D,P)21-SC-46,,TTY,,(PHY)) | Ok |
| A0269.016 | (21-SC-45(A,N)23-V-48,,TTY,,(PHY)) | Ok |
| A0269.017 | (21-SC-45(A,X)21-SC-44-M,,TTY,,(PHY)) | Ok |
| A0269.018 | (21-SC-45(A,X)21-SC-46,,TTY,,(PHY)) | Ok |
| A0269.019 | (21-SC-45(A,2P)21-SC-47,,TTY,,(PHY)) | Ok |
| A0269.020 | (21-SC-45(HE3,A)21-SC-44-M,,TTY,,(PHY)) | Ok |
| A0269.021 | (21-SC-45(HE3,2P)21-SC-46,,TTY,,(PHY)) | Ok |
|  |  |  |  |  |
| A0286.003 | (7-N-14(P,A)6-C-11,IND,TTY,,,EXP) | (7-N-14(P,A)6-C-11,,TTY,,SAT) | Explicitly written SAT yield.  [No precursor exists.] | A089 |
|  |  |  |  |  |
| A0287.002 | (22-TI-48(P,N)23-V-48,,TTY,,,EXP) | (22-TI-0(P,X)23-V-48,,TTY,,EOB) | EOB activity presented in table form after 1h irradiation. Not mentioned if the elemental yield was converted to isotopic yield. Most probably the yield is elemental. (p,n) was changed to (p,x).  [TIME-IRRAD=1 hr] | A090 |
| A0287.003 | ((24-CR-0(P,N)25-MN-52,,TTY,,,EXP)=  (24-CR-52(P,N)25-MN-52,,TTY,,,EXP)) | (24-CR-CMP(P,X)25-MN-52,,TTY,,EOB) |
| A0287.004 | (26-FE-56(P,N)27-CO-56,,TTY,,,EXP) | (26-FE-0(P,X)27-CO-56,,TTY,,EOB) |
| A0287.005 | ((28-NI-0(P,N)29-CU-61,,TTY,,,EXP)=  (28-NI-61(P,N)29-CU-61,,TTY,,,EXP)+  (28-NI-60(P,G)29-CU-61,,TTY,,,EXP)) | (28-NI-CMP(P,X)29-CU-61,,TTY,,EOB) |
| A0287.006 | (29-CU-63(P,N)30-ZN-63,,TTY,,,EXP) | (29-CU-0(P,X)30-ZN-63,,TTY,,EOB) |
| A0287.007 | (30-ZN-66(P,N)31-GA-66,,TTY,,,EXP) | (30-ZN-0(P,X)31-GA-66,,TTY,,EOB) |
| A0287.008 | (31-GA-69(P,N)32-GE-69,,TTY,,,EXP) | (31-GA-CMP(P,X)32-GE-69,,TTY,,EOB) |
| A0287.009 | (32-GE-72(P,N)33-AS-72,,TTY,,,EXP) | (32-GE-0(P,X)33-AS-72,,TTY,,EOB) |
| A0287.010 | (33-AS-75(P,N)34-SE-75,,TTY,,,EXP) | (33-AS-CMP(P,X)34-SE-75,,TTY,,EOB) |
| A0287.011 | (34-SE-82(P,N)35-BR-82,,TTY,,,EXP) | (34-SE-0(P,X)35-BR-82,,TTY,,EOB) |
| A0287.012 | (40-ZR-90(P,N)41-NB-90,,TTY,,,EXP) | (40-ZR-0(P,X)41-NB-90,,TTY,,EOB) |
| A0287.013 | (41-NB-93(P,N)42-MO-93-M,,TTY,,,EXP) | (41-NB-93(P,N)42-MO-93-M,,TTY,,EOB) |
| A0287.014 | (42-MO-95(P,N)43-TC-95,,TTY,,,EXP) | (42-MO-0(P,X)43-TC-95-G,M+,TTY,,EOB) |
| A0287.015 | (48-CD-111(P,N)49-IN-111,,TTY,,,EXP) | (48-CD-0(P,X)49-IN-111,,TTY,,EOB) |
| A0287.016 | (50-SN-122(P,N)51-SB-122,,TTY,,,EXP) | (50-SN-0(P,X)51-SB-122,,TTY,,EOB) |
| A0287.017 | (51-SB-121(P,N)52-TE-121,,TTY,,,EXP) | (51-SB-0(P,X)52-TE-121-G,M+,TTY,,EOB) |
| A0287.018 | (52-TE-130(P,N)53-I-130,,TTY,,,EXP) | (52-TE-0(P,X)53-I-130-G,M+,TTY,,EOB) |
| A0287.019 | (82-PB-206(P,N)83-BI-206,,TTY,,,EXP) | (82-PB-0(P,X)83-BI-206,,TTY,,EOB) |
|  |  |  |  |  |
| A0294.002.1 | (40-ZR-0(P,X)39-Y-87-G,,TTY,,(PHY)) | Ok |  | A070, A090 |
| A0294.002.2 | (40-ZR-0(P,X)39-Y-88,,TTY,,(PHY)) | Ok |  |
| A0294.002.3 | (40-ZR-0(P,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.002.4 | (40-ZR-0(P,X)41-NB-91-M,,TTY,,(PHY)) | Ok |  |
| A0294.002.5 | (40-ZR-0(P,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.002.6 | (40-ZR-0(P,X)41-NB-95-G,,TTY,,(PHY)) | Ok |  |
| A0294.003.1 | (40-ZR-0(D,X)39-Y-87-G,,TTY,,(PHY)) | Ok |  |
| A0294.003.2 | (40-ZR-0(D,X)39-Y-88,,TTY,,(PHY)) | Ok |  |
| A0294.003.3 | (40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.003.4 | (40-ZR-0(D,X)40-ZR-95,,TTY,,(PHY)) | Ok |  |
| A0294.003.5 | (40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY)) | Ok |  |
| A0294.003.6 | (40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.003.7 | (40-ZR-0(D,X)41-NB-95-G,,TTY,,(PHY)) | Ok |  |
| A0294.004.1 | (40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.004.2 | (40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY)) | Ok |  |
| A0294.004.3 | (40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.005.1 | (41-NB-93(P,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.005.2 | (41-NB-93(P,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.006.1 | (41-NB-93(D,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.006.2 | (41-NB-93(D,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.007.1 | (41-NB-93(A,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.007.2 | (41-NB-93(A,X)43-TC-95-M,,TTY,,(PHY)) | Ok |  |
| A0294.007.3 | (41-NB-93(A,X)43-TC-96,,TTY,,(PHY)) | Ok |  |
| A0294.008 | (73-TA-181(P,N)74-W-181,,TTY,,(PHY)) | Ok |  |
| A0294.009.1 | (73-TA-181(D,P)73-TA-182-G,,TTY,,(PHY)) | Ok |  |
| A0294.009.2 | (73-TA-181(D,2N)74-W-181,,TTY,,(PHY)) | Ok |  |
| A0294.010.1 | (73-TA-181(A,2N)75-RE-183,,TTY,,(PHY)) | Ok |  |
| A0294.010.2 | (73-TA-181(A,N)75-RE-184-G,,TTY,,(PHY)) | Ok |  |
| A0294.011.1 | (40-ZR-0(P,X)39-Y-87-G,,TTY,,(PHY)) | Ok |  |
| A0294.011.2 | (40-ZR-0(P,X)39-Y-88,,TTY,,(PHY)) | Ok |  |
| A0294.011.3 | (40-ZR-0(P,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.011.4 | (40-ZR-0(P,X)40-ZR-95,,TTY,,(PHY)) | Ok |  |
| A0294.011.5 | (40-ZR-0(P,X)41-NB-91-M,,TTY,,(PHY)) | Ok |  |
| A0294.011.6 | (40-ZR-0(P,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.011.7 | (40-ZR-0(P,X)41-NB-95-M,,TTY,,(PHY)) | Ok |  |
| A0294.011.8 | (40-ZR-0(P,X)41-NB-95-G,,TTY,,(PHY)) | Ok |  |
| A0294.012.1 | (40-ZR-0(D,X)39-Y-87-G,,TTY,,(PHY)) | Ok |  |
| A0294.012.2 | (40-ZR-0(D,X)39-Y-88,,TTY,,(PHY)) | Ok |  |
| A0294.012.3 | (40-ZR-0(D,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.012.4 | (40-ZR-0(D,X)40-ZR-95,,TTY,,(PHY)) | Ok |  |
| A0294.012.5 | (40-ZR-0(D,X)41-NB-91-M,,TTY,,(PHY)) | Ok |  |
| A0294.012.6 | (40-ZR-0(D,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.012.7 | (40-ZR-0(D,X)41-NB-95-M,,TTY,,(PHY)) | Ok |  |
| A0294.012.8 | (40-ZR-0(D,X)41-NB-95-G,,TTY,,(PHY)) | Ok |  |
| A0294.013.1 | (40-ZR-0(A,X)39-Y-88,,TTY,,(PHY)) | Ok |  |
| A0294.013.2 | (40-ZR-0(A,X)40-ZR-88,,TTY,,(PHY)) | Ok |  |
| A0294.013.3 | (40-ZR-0(A,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.013.4 | (40-ZR-0(A,X)40-ZR-95,,TTY,,(PHY)) | Ok |  |
| A0294.013.5 | (40-ZR-0(A,X)41-NB-91-M,,TTY,,(PHY)) | Ok |  |
| A0294.013.6 | (40-ZR-0(A,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.013.7 | (40-ZR-0(A,X)41-NB-95-M,,TTY,,(PHY)) | Ok |  |
| A0294.013.8 | (40-ZR-0(A,X)41-NB-95-G,,TTY,,(PHY)) | Ok |  |
| A0294.013.9 | (40-ZR-0(A,X)42-MO-99,,TTY,,(PHY)) | Ok |  |
| A0294.014.1 | (41-NB-93(P,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.014.2 | (41-NB-93(P,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.015.1 | (41-NB-93(D,X)40-ZR-89-G,,TTY,,(PHY)) | Ok |  |
| A0294.015.2 | (41-NB-93(D,X)41-NB-92-M,,TTY,,(PHY)) | Ok |  |
| A0294.015.3 | (41-NB-93(D,X)41-NB-95-G,,TTY,,(PHY)) | Ok |  |
| A0294.016.1 | (41-NB-93(A,X)43-TC-95-M,,TTY,,(PHY)) | Ok |  |
| A0294.016.2 | (41-NB-93(A,X)43-TC-96-G,,TTY,,(PHY)) | Ok |  |
| A0294.017 | (73-TA-181(P,N)74-W-181,,TTY,,(PHY)) | Ok |  |
| A0294.018.1 | (73-TA-181(D,P)73-TA-182,,TTY,,(PHY)) | Ok |  |
| A0294.018.2 | (73-TA-181(D,2N)74-W-181,,TTY,,(PHY)) | Ok |  |
| A0294.019.1 | (73-TA-181(A,2N)75-RE-183,,TTY,,(PHY)) | Ok |  |
| A0294.019.2 | (73-TA-181(A,N)75-RE-184,,TTY,,(PHY)) | Ok |  |
| A0294.019.3 | (73-TA-181(A,N+2P)73-TA-182,,TTY,,(PHY)) | (73-TA-181(A,X)73-TA-182,,TTY,,(PHY)) | (registered in Feedback List) |
| A0294.019.4 | (73-TA-181(A,2P)73-TA-183,,TTY,,(PHY)) | Ok |  |
|  |  |  |  |  |
| A0299.014 | (15-P-31(P,4P)12-MG-28,,TTY,,,CALC) | (15-P-31(P,4P)12-MG-28,,TTY,,(PHY),DERIV) | No details are given for yield calculation Most probably DERIVed from cross section.  [The authors mention “The cross-sections for 24Na and 28Mg production were plotted as a function of energy. and radioactivity yields for thick targets were calculated and plotted.] | A090 |
| A0299.015 | ((17-CL-0(P,X)12-MG-28,,TTY,,,CALC)=  ((17-CL-35(P,2N+6P)12-MG-28,,TTY,,,CALC)+  (17-CL-37(P,4N+6P)12-MG-28,,TTY,,,CALC))) | (17-CL-0(P,X)12-MG-28,CUM,TTY,,(PHY),DERIV) |
| A0299.016 | (18-AR-0(P,X)12-MG-28,,TTY,,,CALC) | (18-AR-0(P,X)12-MG-28,(CUM),TTY,,(PHY),DERIV) |
| A0299.017 | ((16-S-0(P,X)12-MG-28,,TTY,,,CALC)=  (16-S-32(P,5P)12-MG-28,,TTY,,,CALC)) | (16-S-0(P,X)12-MG-28,,TTY,,(PHY),DERIV) |
| A0299.018 | ((19-K-0(P,X)12-MG-28,,TTY,,,CALC)=  (19-K-39(P,4N+8P)12-MG-28,,TTY,,,CALC)) | (19-K-0(P,X)12-MG-28,(CUM),TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| A0313.003 | (7-N-15(P,N)8-O-15,IND,TTY,,,CALC) | (7-N-15(P,N)8-O-15,,TTY,,SAT,DERIV) | No explicit information on TTY calculation is given..  [The author confirmed on 6 June 2018 that it is saturation yield..] | A090 |
|  |  |  |  |  |
| A0316.003 | (7-N-14(D,N)8-O-15,,TTY,,,CALC) | (7-N-14(D,N)8-O-15,,TTY,,SAT,DERIV) | No explicit information on TTY calculation is given.  [The author confirmed on 6 June 2018 that it is saturation yield..] | A090 |
| A0316.009 | (8-O-16(P,N+P)8-O-15,,TTY,,,CALC) | (8-O-16(P,X)8-O-15,,TTY,,SAT,DERIV) |
| A0316.010 | (7-N-14(D,N+A)6-C-11,,TTY,,,CALC) | (7-N-14(D,N+A)6-C-11,,TTY,,SAT,DERIV) |
| A0316.011 | (7-N-14(D,X)7-N-13,,TTY,,,CALC) | (7-N-14(D,X)7-N-13,,TTY,,SAT,DERIV) |
| A0316.012 | (7-N-15(P,X)7-N-13,,TTY,,,CALC) | (7-N-15(P,X)7-N-13,,TTY,,SAT,DERIV) |
| A0316.013 | (7-N-15(P,N+A)6-C-11,,TTY,,,CALC) | (7-N-15(P,N+A)6-C-11,,TTY,,SAT,DERIV) |
|  |  |  |  |  |
| A0322.003 | (93-NP-237(D,2N)94-PU-237,,TTY,,,CALC) | (93-NP-237(D,2N)94-PU-237,,TTY,,(PHY),DERIV) | No explicit information on TTY calculation is given.  [Probably these TTY were derived from the excitation functions measured in this work.] | A090 |
| A0322.007 | (93-NP-237(D,3N)94-PU-236,CUM,TTY,,,CALC) | (93-NP-237(D,3N)94-PU-236,CUM,TTY,,(PHY),DERIV) |
| A0322.009 | (93-NP-237(D,N)94-PU-238,CUM,TTY,,,CALC) | (93-NP-237(D,N)94-PU-238,CUM,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| A0323.002 | ((5-B-0(8-O-18,X)12-MG-27,,TTY,,,EXP)=  (5-B-11(8-O-18,N+P)12-MG-27,,TTY,,A,EXP)) | (5-B-0(8-O-18,X)12-MG-27,,TTY,,PHY,,REL) | Remove the right-hand-side.  [Defined as PHY by Eq.(1). Bq/ion] | A090 |
| A0323.004 | ((16-S-0(8-O-18,X)23-V-47,,TTY,,,EXP)=  (16-S-32(8-O-18,T)23-V-47,,TTY,,A,EXP)) | (16-S-0(8-O-18,X)23-V-47,,TTY,,PHY,,REL) |
|  |  |  |  |  |
| A0326.002.1 | (52-TE-122(A,3N)54-XE-123,,TTY,,,EXP) | (52-TE-122(A,3N)54-XE-123,,TTY,,EOB/MSC) | Production yield at EOB. 300s irradiation time and collected charge is given proper EOB activity can be calculated. TIME-IRRD should be included.  [EOB yield. Irradiation time not specified] | A090 |
| A0326.002.2 | (52-TE-122(A,2N+P)53-I-123,CUM,TTY,,,EXP) | (52-TE-122(A,X)53-I-123,CUM,TTY,,EOB) | Production yield at EOB+6.7h. TIME-IRRD should be included in the subentry.  [***Delete?*** EOB+6.7 hr] |
| A0326.002.3 | (52-TE-122(A,2N+P)53-I-123,IND,TTY,,,EXP) | (52-TE-122(A,X)53-I-123,IND,TTY,,EOB/MSC) | Production yield at EOB. 300s irradiation time and collected charge is given proper EOB activity can be calculated. TIME-IRRD should be included.  [EOB yield. Irradiation time not specified] |
| A0326.002.4 | ((52-TE-122(A,P)53-I-125,,TTY,,,EXP)/  (52-TE-122(A,2N+P)53-I-123,CUM,TTY,,,EXP)) | ((52-TE-122(A,P)53-I-125,,TTY,,EOB)/  (52-TE-122(A,X)53-I-123,CUM,TTY,,EOB)) | Production yield at EOB+6.7h. TIME-IRRD should be included in the subentry.  [***Delete?*** EOB+6.7 hr] |
| A0326.003.1 | (52-TE-123(HE3,3N)54-XE-123,,TTY,,,EXP) | (52-TE-123(HE3,3N)54-XE-123,,TTY,,EOB/MSC) | Production yield at EOB. 300s irradiation time and collected charge is given proper EOB activity can be calculated. TIME-IRRD should be included.  [EOB yield. Irradiation time not specified] |
| A0326.003.2 | (52-TE-123(HE3,2N+P)53-I-123,CUM,TTY,,,EXP) | (52-TE-123(HE3,X)53-I-123,CUM,TTY,,EOB) | Production yield at EOB+6.7h. TIME-IRRD should be included in the subentry.  [***Delete?*** EOB+6.7 hr] |
| A0326.003.3 | (52-TE-123(HE3,2N+P)53-I-123,IND,TTY,,,EXP) | (52-TE-123(HE3,X)53-I-123,IND,TTY,,EOB/MSC) | Production yield at EOB. 300s irradiation time and collected charge is given proper EOB activity can be calculated. TIME-IRRD should be included.  [EOB yield. Irradiation time not specified] |
| A0326.003.4 | ((52-TE-123(HE3,P)53-I-125,,TTY,,,EXP)/  (52-TE-123(HE3,2N+P)53-I-123,CUM,TTY,,,EXP)) | ((52-TE-123(HE3,P)53-I-125,,TTY,,EOB)/  (52-TE-123(HE3,X)53-I-123,CUM,TTY,,EOB)) | Production yield at EOB+6.7h. TIME-IRRD should be included in the subentry.  [***Delete?*** EOB+6.7 hr] |
| A0326.004.1 | (52-TE-124(HE3,4N)54-XE-123,,TTY,,,EXP) | (52-TE-124(HE3,4N)54-XE-123,,TTY,,EOB/MSC) | Production yield at EOB. 300s irradiation time and collected charge is given proper EOB activity can be calculated. TIME-IRRD should be included.  [EOB yield. Irradiation time not specified] |
| A0326.004.2 | (52-TE-124(HE3,3N+P)53-I-123,CUM,TTY,,,EXP) | (52-TE-124(HE3,X)53-I-123,CUM,TTY,,EOB) | Production yield at EOB+6.7h. TIME-IRRD should be included in the subentry.  [***Delete?*** EOB+6.7 hr] |
| A0326.004.3 | (52-TE-124(HE3,3N+P)53-I-123,,TTY,,,EXP) | (52-TE-124(HE3,X)53-I-123,,TTY,,EOB/MSC) | Production yield at EOB. 300s irradiation time and collected charge is given proper EOB activity can be calculated. TIME-IRRD should be included.  [EOB yield. Irradiation time not specified] |
| A0326.004.4 | ((52-TE-124(HE3,N+P)53-I-125,,TTY,,,EXP)/  (52-TE-124(HE3,3N+P)53-I-123,CUM,TTY,,,EXP)) | ((52-TE-124(HE3,X)53-I-125,,TTY,,EOB)/  (52-TE-124(HE3,X)53-I-123,CUM,TTY,,EOB)) | Production yield at EOB+6.7h. TIME-IRRD should be included in the subentry.  [***Delete?*** EOB+6.7 hr] |
|  |  |  |  |  |
| A0331.002 | (3-LI-0(D,X)4-BE-7,,TTY,,PHY) | (3-LI-0(D,X)4-BE-7,,TTY,,(PHY)) | No details are given for the yield measurement. Doe to long half-life PHY ==> (PHY).  [The same group define PHY in Eq.(1) of the A0211 article.] | A089 |
|  |  |  |  |  |
| A0343.002 | ((2-HE-3(D,G)3-LI-5,PAR,TTY)/  (2-HE-3(D,P)2-HE-4,,TTY)) | ((2-HE-3(D,G)3-LI-5,PAR,SIG)/(2-HE-3(D,P)2-HE-4,,SIG))  (Also E=16.6 MeV -> E-LVL=0 MeV) | Prompt yield was measured, which is physical yield. | A088 |
|  |  |  |  |  |
| A0346.006 | (33-AS-75(A,2N)35-BR-77-M,,TTY,,,CALC) | (33-AS-75(A,2N)35-BR-77-M,,TTY,,(PHY),DERIV) | No information is given about the yield calculation.  [The authors explain “cumulative” but there is no precursor.] | A090 |
| A0346.007 | (33-AS-75(A,2N)35-BR-77-G,,TTY,,,CALC) | (33-AS-75(A,2N)35-BR-77-G,,TTY,,(PHY),DERIV) |
| A0346.008 | (33-AS-75(A,N)35-BR-78,,TTY,,,CALC) | (33-AS-75(A,N)35-BR-78,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| A0356.002 | ((1-H-3(D,G)2-HE-5,,TTY,,,EXP)/  (1-H-3(D,N)2-HE-4,,TTY,,,EXP)) | ((1-H-3(D,G)2-HE-5,,MLT,,TT/AV)/  (1-H-3(D,N)2-HE-4,,MLT,,TT/AV)) | Prompt yield was measured, which is physical yield.  [This gives thick target product multiplicity ratio. Tritium has stopping length. Outgoing gamma and neutron were detected.] | A090 |
|  |  |  |  |  |
| A0360.002 | (26-FE-54(D,N)27-CO-55,,TTY,,,EXP) | (26-FE-54(D,N)27-CO-55,,TTY,,EOB/MSC) | According to the article Correction was made only for cooling time => the yield is EOB irradiation interval is given. Divided by irradiation time. No details are given for the yield calculation.  [Irradiation time not specified.] | A090 |
| A0360.003 | (26-FE-56(D,N)27-CO-57,,TTY,,,EXP) | (26-FE-56(D,N)27-CO-57,,TTY,,EOB/MSC) |
| A0360.004 | (26-FE-56(D,2N)27-CO-56,,TTY,,,EXP) | (26-FE-56(D,2N)27-CO-56,,TTY,,EOB/MSC) |
| A0360.005 | (26-FE-54(D,A)25-MN-52,,TTY,,,EXP) | (26-FE-54(D,A)25-MN-52-G,M+,TTY,,EOB/MSC) |
| A0360.006 | (26-FE-0(D,X)25-MN-54,,TTY,,,EXP) | (26-FE-54(D,X)25-MN-54,,TTY,,EOB/MSC) |
| A0360.007 | (26-FE-54(D,N+A)25-MN-51,,TTY,,,EXP) | (26-FE-54(D,N+A)24-CR-51,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| A0371.002 | (3-LI-6(D,P)3-LI-7,PAR,TTY,,,EXP) | (3-LI-6(D,P)3-LI-7,PAR,MLT,G,TT) | Prompt yield was measured. | A090 |
|  |  |  |  |  |
| A0382.003 | (41-NB-93(A,3N)43-TC-94-G,,TTY,,,CALC) | (41-NB-93(A,3N)43-TC-94-G,,TTY,,EOB/MSC) | Data are corrected to EOB.  [Irradiation time not specified.] | A090 |
| A0382.005 | (41-NB-93(A,2N)43-TC-95-G,,TTY,,,CALC) | (41-NB-93(A,2N)43-TC-95-G,,TTY,,EOB/MSC) |
| A0382.006 | (41-NB-93(A,2N)43-TC-95-M,,TTY,,,CALC) | (41-NB-93(A,2N)43-TC-95-M,,TTY,,EOB/MSC) |
| A0382.008 | (41-NB-93(A,N)43-TC-96-G,,TTY,,,CALC) | (41-NB-93(A,N)43-TC-96-G,,TTY,,EOB/MSC) |
| A0382.010 | (41-NB-93(A,N+A)41-NB-92-M,,TTY,,,CALC) | (41-NB-93(A,N+A)41-NB-92-M,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| A0393.003 | (17-CL-35(A,N)19-K-38,,TTY,,,EXP) | (17-CL-CMP(A,X)19-K-38,,TTY,,EOB) | Data are replaced with the published values taken from figure. EOB activity after 15 min irradiation. Data heading and unit were changed. TIME-IRRD should be included. Not clear how the EOB activity was derived. The used unit indicates the wrong practice (EOB activity divided by irradiation time). The unit of EOB activity should not contain time information.  [TIME-IRRD=15 min] | A090 |
| A0393.005 | (17-CL-35(A,N+A)17-CL-34-M,,TTY,,,EXP) | (17-CL-CMP(A,X)17-CL-34-M,,TTY,,EOB) |
|  |  |  |  |  |
| A0468.002.1 | (24-CR-50(A,2N)26-FE-52-G,,TTY,,PHY) | (24-CR-OXI(A,X)26-FE-52-G,,TTY,,EOB/MSC) | No correction was made for the decay during irradiation. The data are EOB activity. No irradiation time given. | A090 |
| A0468.002.2 | (24-CR-50(A,X)26-FE-55,,TTY,,PHY) | (24-CR-OXI(A,X)26-FE-55,,TTY,,EOB/MSC) |
| A0468.002.3 | (24-CR-50(A,X)25-MN-52,,TTY,,PHY) | (24-CR-OXI(A,X)25-MN-52,,TTY,,EOB//MSC) |
| A0468.002.4 | (24-CR-50(A,X)25-MN-54,,TTY,,PHY) | (24-CR-OXI(A,X)25-MN-54,,TTY,,EOB/MSC) |
| A0468.002.6 | (24-CR-50(A,X)24-CR-49,,TTY,,PHY) | (24-CR-OXI(A,X)24-CR-49,,TTY,,EOB/MSC) |
| A0468.002.7 | (24-CR-50(A,X)24-CR-51,,TTY,,PHY) | (24-CR-OXI(A,X)24-CR-51,,TTY,,EOB/MSC) |
| A0468.002.8 | (24-CR-50(A,X)23-V-48,,TTY,,PHY) | (24-CR-OXI(A,X)23-V-48,,TTY,,EOB/MSC) |
| A0468.003 | (24-CR-50(A,X)25-MN-56,,TTY,,PHY) | (24-CR-OXI(A,X)25-MN-56,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| A0497.003.2 | (25-MN-55(P,4N)26-FE-52,,TTY,,TM) | (25-MN-55(P,4N)26-FE-52,,TTY/DEN,,PHY) | [Steyn’s yields (“rate”)] | A090 |
| A0497.004.2 | (28-NI-58(P,X)26-FE-52,,TTY,,TM) | (28-NI-0(P,X)26-FE-52,,TTY/DEN,,PHY) |
| A0497.005 | (25-MN-55(P,X)26-FE-52,,TTY,,PHY) | Ok |
| A0497.006 | (25-MN-55(P,X)26-FE-55,,TTY,,PHY) | Ok |
| A0497.007 | (28-NI-0(P,X)26-FE-52,,TTY,,PHY) | Ok |
| A0497.008.1 | (28-NI-0(P,X)26-FE-55,,TTY,,PHY/MSC) | Ok |
| A0497.008.2 | (28-NI-0(P,X)26-FE-55,IND,TTY,,PHY) | Ok |
| A0497.009 | (28-NI-0(P,X)26-FE-59,,TTY,,PHY) | Ok |
|  |  |  |  |  |
| A0569.002.2 | (48-CD-113(P,3N)49-IN-111-G,,PY,,,CALC) | (48-CD-113(P,3N)49-IN-111,,TTY,,(PHY)) | [Summation of thin-target yield] | A090 |
| A0569.002.3 | (48-CD-113(P,G)49-IN-114-M,,PY) | (48-CD-113(P,G)49-IN-114-M,,TTY,,(PHY)) |
| A0569.003.2 | (48-CD-114(P,4N)49-IN-111-G,,TTY,,DT) | (48-CD-114(P,4N)49-IN-111,,TTY,,(PHY)) |
| A0569.003.4 | (48-CD-114(P,N)49-IN-114-M,,TTY,,DT) | (48-CD-114(P,N)49-IN-114-M,,TTY,,(PHY)) |
| A0569.004.2 | (48-CD-0(P,X)49-IN-111-G,,TTY,,DT) | (48-CD-0(P,X)49-IN-111,,TTY,,(PHY)) |
| A0569.004.4 | (48-CD-0(P,X)49-IN-114-M,,TTY,,DT) | (48-CD-0(P,X)49-IN-114-M,,TTY,,(PHY)) |
|  |  |  |  |  |
| A0641.002 | (50-SN-0(P,X)51-SB-117,,TTY,,DT) | (50-SN-0(P,X)51-SB-117,,TTY,,PHY) | Irradiation: ~1uA, ~1h. It is most probable (EOB) data. TIME-IRRD was included in COMMON filed.  [Dmitriev’s yield] | A090 |
| A0641.003 | (50-SN-0(P,X)51-SB-118-M,,TTY,,DT) | (50-SN-0(P,X)51-SB-118-M,,TTY,,PHY) |
| A0641.004 | (50-SN-0(P,X)51-SB-120-M,,TTY,,DT) | (50-SN-0(P,X)51-SB-120-M,,TTY,,PHY) |
| A0641.005 | (50-SN-0(P,X)51-SB-122-G,M+,TTY,,DT) | (50-SN-0(P,X)51-SB-122,,TTY,,PHY) |
| A0641.006 | (50-SN-0(P,X)51-SB-124-G,M+,TTY,,DT) | (50-SN-0(P,X)51-SB-124-G,M+,TTY,,PHY) |
|  |  |  |  |  |
| A0642.002 | (30-ZN-66(D,N)31-GA-67,,TTY) | (30-ZN-66(D,N)31-GA-67,,TTY,,PHY) | Dmitriev’s yields. No explanation in the article. T1/2 >> 1 hr. | A088 |
| A0642.003 | (30-ZN-66(D,2N)31-GA-66,,TTY) | (30-ZN-66(D,2N)31-GA-66,,TTY,,PHY) |
| A0642.004 | (30-ZN-67(D,2N)31-GA-67,,TTY) | (30-ZN-67(D,2N)31-GA-67,,TTY,,PHY) |
| A0642.005 | (30-ZN-67(D,3N)31-GA-66,,TTY) | (30-ZN-67(D,3N)31-GA-66,,TTY,,PHY) |
| A0642.006 | (30-ZN-68(D,3N)31-GA-67,,TTY) | (30-ZN-68(D,3N)31-GA-67,,TTY,,PHY) |
| A0642.007 | (30-ZN-0(D,N)31-GA-67,,TTY) | (30-ZN-0(D,N)31-GA-67,,TTY,,PHY) |
| A0642.008 | (30-ZN-0(D,X)31-GA-66,,TTY) | (30-ZN-0(D,X)31-GA-66,,TTY,,PHY) |
|  |  |  |  |  |
| A0643.002 | (54-XE-124(P,2P)53-I-123,CUM,TTY,,DT,EXP) | (54-XE-124(P,2P)53-I-123,CUM,TTY,,PHY) | Nominal yield calculated from the cumulative activity extrapolated back to EOB. Therefore the production yield calculated from this kind of yield is higher than the produced yield up to 15-16h cooling time. After this cooling time the decay of mother isotopes can be considered complete and the yield correspond to the production yield.  [The nominal yield Y0 must be the physical yield according to Eq.(1)] | A089 |
|  |  |  |  |  |
| A0646.002 | (64-GD-0(P,X)65-TB-155,IND,TTY,,,EXP) | (64-GD-OXI(P,X)65-TB-155,,TTY,,PHY) | No direct explanation is given for the yield in the article. Long half-life ->PHY  [Dmitriev’s yield] | A090 |
| A0646.003 | (64-GD-0(D,X)65-TB-155,IND,TTY,,,EXP) | (64-GD-OXI(D,X)65-TB-155,,TTY,,PHY) |
| A0646.004 | (64-GD-0(P,X)65-TB-156,IND,TTY,,,EXP) | (64-GD-OXI(P,X)65-TB-156,,TTY,,PHY) |
| A0646.005 | (64-GD-0(D,X)65-TB-156,IND,TTY,,,EXP) | (64-GD-OXI(D,X)65-TB-156,,TTY,,PHY) |
|  |  |  |  |  |
| A0800.003 | (51-SB-0(P,X)50-SN-117-M,,TTY,,DT) | (51-SB-0(P,X)50-SN-117-M,,TTY,,(PHY),DERIV) | No explanation is given for the yield in the article. Have the feeling that in best case the provided data is EOB activity. No irradiation time is presented.  [Probably derived from the measured excitation function.] | A090 |
|  |  |  |  |  |
| A0888.002 | (48-CD-0(A,X)50-SN-117-M,,TTY,,(PHY)) | (48-CD-OXI(A,X)50-SN-117-M,,TTY,,EOB) | Explicitly EOB activity is given with proper parameters. Activity is given in MBq at EOB properly.  [***Delete?*** The EOB yields in Table 1 are those obtained in this experiment, but they look like batch yields.] | A090 |
| A0888.003 | (48-CD-116(A,3N)50-SN-117-M,,TTY,,(PHY)) | (48-CD-OXI(A,X)50-SN-117-M,,TTY,,EOB) |
|  |  |  |  |  |
| A0918.002 | (25-MN-55(P,4N)26-FE-52-G,,TTY,,DT) | (25-MN-55(P,4N)26-FE-52-G,,TTY,,EOB/MSC) | Table headings explicitly show EOB activity is given. Beam intensity and irradiation time is given "from -to" not possible to check the given activity not possible to compile TIME-IRRD.  [Irradiation time is not specified.] | A090 |
| A0918.003 | (27-CO-59(P,X)26-FE-52-G,,TTY,,DT) | (27-CO-59(P,X)26-FE-52-G,,TTY,,EOB/MSC) |
| A0918.004 | (35-BR-0(P,X)36-KR-76,,TTY,,DT) | (35-BR-0(P,X)36-KR-76,,TTY,,EOB/MSC) |
| A0918.005 | (35-BR-0(P,X)36-KR-77,,TTY,,DT) | (35-BR-0(P,X)36-KR-77,,TTY,,EOB/MSC) |
| A0918.006 | (35-BR-0(P,X)36-KR-79,,TTY,,DT) | (35-BR-0(P,X)36-KR-79,,TTY,,EOB/MSC) |
| A0918.007 | (37-RB-0(P,X)38-SR-82,,TTY,,DT) | (37-RB-CMP(P,X)38-SR-82,,TTY,,EOB/MSC) |
| A0918.008 | (55-CS-133(P,X)56-BA-128,,TTY,,DT) | (55-CS-CMP(P,X)56-BA-128,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| B0084.002.2 | (42-MO-0(D,X)41-NB-90-G,M+,TTY,,DT,EXP) | (42-MO-0(D,X)41-NB-90,,TTY,,PHY,DERIV) | Not defined what type of Activity was used in the calculation, A(EOB) or Activity as measured. If A(EOB) was calculated properly then ,PHY, but it is not known therefore ,(PHY) | B025 |
| B0084.003.1 | (42-MO-0(D,X)41-NB-92-M,,TTY,,DT,EXP) | (42-MO-0(D,X)41-NB-92-M,,TTY,,PHY,DERIV) |
| B0084.004.1 | (42-MO-0(D,X)41-NB-95-G,,TTY,,DT,EXP) | (42-MO-0(D,X)41-NB-95-G,M-,TTY,,PHY,DERIV) |
| B0084.004.2 | (42-MO-0(D,X)41-NB-95-M,,TTY,,DT,EXP) | (42-MO-0(D,X)41-NB-95-M,,TTY,,PHY,DERIV) |
| B0084.005.2 | (42-MO-0(D,X)41-NB-96,,TTY,,DT,EXP) | (42-MO-0(D,X)41-NB-96,,TTY,,PHY,DERIV) |
| B0084.006 | (42-MO-0(D,X)43-TC-96-G,M+,TTY,,DT,EXP) | (42-MO-0(D,X)43-TC-96-G,M+,TTY,,PHY) | This subentry is not in the ENTRY, no history record |
| B0084.007 | (42-MO-0(D,X)43-TC-95-M,IND,TTY,,DT,EXP) | (42-MO-0(D,X)43-TC-95-M,IND,TTY,,PHY) |
| B0084.008 | (42-MO-0(D,X)42-MO-99,(CUM),TTY,,DT,EXP) | (42-MO-0(D,X)42-MO-99,(CUM),TTY,,PHY) |
|  |  |  |  |  |
| B0097.002.2 | (30-ZN-0(A,X)31-GA-67,CUM,TTY,,DT,EXP) | (30-ZN-0(A,X)31-GA-67,CUM,TTY,,(PHY),DERIV) | No pdf file, no information. Changes were made on the information included in the EXFOR entry. | B027 |
| B0097.003.2 | (30-ZN-0(A,X)32-GE-68,,TTY,,DT,EXP) | (30-ZN-0(A,X)32-GE-68,,TTY,,(PHY),DERIV) |
| B0097.004.2 | (47-AG-0(A,X)48-CD-109,CUM,TTY,,DT,EXP) | (47-AG-0(A,X)48-CD-109,CUM,TTY,,(PHY),DERIV) |
| B0097.005.2 | (47-AG-0(A,X)49-IN-111-G,IND/M+,TTY,,DT,EXP) | (47-AG-0(A,X)49-IN-111,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| B0098.002.2 | (12-MG-0(P,X)11-NA-22,CUM,TTY,,DT,EXP) | (12-MG-0(P,X)11-NA-22,CUM,TTY,,(PHY)) | No complete reference is available in PDF format due to long half-life (PHY) is supposed.  [Only 002.2 and 003.2 gives directly measured yields.]. | B027 |
| B0098.002.3 | (12-MG-0(P,X)11-NA-22,CUM,TTY,,DT,EXP) | (12-MG-0(P,X)11-NA-22,CUM,TTY,,(PHY),DERIV) |
| B0098.003.2 | (27-CO-59(P,X)26-FE-55,CUM,TTY,,DT,EXP) | (27-CO-59(P,X)26-FE-55,CUM,TTY,,(PHY)) |
| B0098.003.3 | (27-CO-59(P,X)26-FE-55,CUM,TTY,,DT,EXP) | (27-CO-59(P,X)26-FE-55,CUM,TTY,,(PHY),DERIV) |
| B0098.004.2 | (28-NI-0(P,X)27-CO-56,CUM,TTY,,DT,EXP) | (28-NI-0(P,X)27-CO-56,CUM,TTY,,(PHY),DERIV) |
| B0098.005.2 | (28-NI-0(P,X)27-CO-57,CUM,TTY,,DT,EXP) | (28-NI-0(P,X)27-CO-57,CUM,TTY,,(PHY),DERIV) |
| B0098.006.2 | (28-NI-0(P,X)27-CO-58-G,M+,TTY,,DT,EXP) | (28-NI-0(P,X)27-CO-58,,TTY,,(PHY),DERIV) |
| B0098.007.2 | (73-TA-181(P,X)72-HF-175,CUM,TTY,,DT,EXP) | (73-TA-181(P,X)72-HF-175,CUM,TTY,,(PHY),DERIV) |
| B0098.008.2 | (27-CO-59(P,X)27-CO-55,CUM,TTY,,DT,EXP) | (27-CO-59(P,X)27-CO-55,CUM,TTY,,(PHY),DERIV) |
| B0098.009.2 | (27-CO-59(P,3N+P)27-CO-56,CUM,TTY,,DT,EXP) | (27-CO-59(P,X)27-CO-56,CUM,TTY,,(PHY),DERIV) |
| B0098.010.2 | (27-CO-59(P,X)27-CO-57,CUM,TTY,,DT,EXP) | (27-CO-59(P,X)27-CO-57,CUM,TTY,,(PHY),DERIV) |
| B0098.011.2 | (27-CO-59(P,X)27-CO-58-G,IND/M+,TTY,,DT,EXP) | (27-CO-59(P,X)27-CO-58,,TTY,,(PHY),DERIV) |
| B0098.012.2 | (27-CO-59(P,4N)28-NI-56,,TTY,,DT,EXP) | (27-CO-59(P,4N)28-NI-56,,TTY,,(PHY),DERIV) |
| B0098.013.2 | (27-CO-59(P,3N)28-NI-57,,TTY,,DT,EXP) | (27-CO-59(P,3N)28-NI-57,,TTY,,(PHY),DERIV) |
| B0098.014.2 | (28-NI-0(P,X)27-CO-55,,TTY,,DT,EXP) | (28-NI-0(P,X)27-CO-55,CUM,TTY,,(PHY),DERIV) |
| B0098.015.2 | (28-NI-0(P,X)28-NI-56,CUM,TTY,,DT,EXP) | (28-NI-0(P,X)28-NI-56,CUM,TTY,,(PHY),DERIV) |
| B0098.016.2 | (28-NI-0(P,X)28-NI-57,CUM,TTY,,DT,EXP) | (28-NI-0(P,X)28-NI-57,CUM,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| B0103.002.2 | (42-MO-0(D,X)42-MO-99,,TTY,,DT,EXP) | (42-MO-0(D,X)42-MO-99,,TTY,,PHY,DERIV) | No details are given how the TTY was calculated.  The relation with the saturation yield provided by the author is correct if PHY is assumed for 003. | B027 |
| B0103.003.2 | (42-MO-0(D,X)42-MO-101,,TTY,,DT,EXP) | (42-MO-0(D,X)42-MO-101,,TTY,,PHY,DERIV) |
|  |  |  |  |  |
| B0109.013 | (42-MO-0(D,X)ELEM/MASS,,TTY,,DT,CALC) | (42-MO-0(D,X)ELEM/MASS,,TTY,,PHY,DERIV) | No details are given for the TTY calculation.  [The relation with the saturation yield provided by the author is correct if PHY is assumed for 101Tc.] | B027 |
|  |  |  |  |  |
| B0111.010 | (37-RB-85(P,3N)38-SR-83-G,M+,TTY,,DT,CALC) | (37-RB-85(P,3N)38-SR-83,,TTY,,EOB,DERIV) | Equations are given properly for number of active atoms, supposed that yield was calculated properly.  [Eq.(4) defines the EOB yield after tB irradiation.] | B027 |
| B0111.011 | (37-RB-85(P,4N)38-SR-82,,TTY,,DT,CALC) | (37-RB-85(P ,4N)38-SR-82,,TTY,,EOB,DERIV) |
| B0111.012 | (37-RB-85(P,5N)38-SR-81,,TTY,,DT,CALC) | (37-RB-85(P,5N)38-SR-81,,TTY,,EOB,DERIV) |
| B0111.013 | (37-RB-85(P,X)37-RB-81-M,,TTY,,DT,CALC) | (37-RB-85(P,X)37-RB-81-M,,TTY,,EOB,DERIV) |
| B0111.014 | (37-RB-85(P,X)37-RB-81-G,,TTY,,DT,CALC) | (37-RB-85(P,X)37-RB-81-G,,TTY,,EOB,DERIV) |
| B0111.015 | (37-RB-85(P,X)37-RB-83,IND,TTY,,DT,CALC) | (37-RB-85(P,X)37-RB-83,IND,TTY,,EOB,DERIV) |
| B0111.016 | (37-RB-85(P,X)37-RB-82-M,IND,TTY,,DT,CALC) | (37-RB-85(P,X)37-RB-82-M,,TTY,IND,EOB,DERIV) |
| B0111.017 | (37-RB-85(P,X)36-KR-79-G,IND/M+,TTY,,DT,CALC) | (37-RB-85(P,X)36-KR-79,IND,TTY,,EOB,DERIV) |
| B0111.018 | (37-RB-85(P,X)37-RB-84-M,IND,TTY,,DT,CALC) | (37-RB-85(P,X)37-RB-84-M,,TTY,,EOB,DERIV) |
| B0111.019 | (37-RB-85(P,X)37-RB-84-G,IND,TTY,,DT,CALC) | (37-RB-85(P,X)37-RB-84-G,M-,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| B0128.002.2 | (28-NI-0(A,X)29-CU-61,CUM,TTY,,DT,EXP) | (28-NI-0(A,X)29-CU-61,CUM,TTY,,EOB) | No details are given for the yield calculation; TTY is given as sum of the activity of individual foils. Not exact irradiation time is presented. 5-60 min. | B025 |
| B0128.005.2 | (28-NI-0(A,X)29-CU-60,CUM,TTY,,DT,EXP) | (28-NI-0(A,X)29-CU-60,(CUM),TTY,,EOB) |
|  |  |  |  |  |
| B0135.002.2 | (30-ZN-0(A,X)31-GA-68,,TTY,,DT,EXP) | (30-ZN-0(A,X)31-GA-68,IND,TTY,,EOB,DERIV) | EOB activity after 1h 1uA irradiation written explicitly, no details are given on the yield calculation. Irradiation time is not given properly, 5 to 30 min.  [By Y. Nagame (2016-09-15): Corrected for the contribution of EC decay when the parent was measured.] | B025 |
| B0135.003.2 | (30-ZN-0(A,X)31-GA-67,,TTY,,DT,EXP) | (30-ZN-0(A,X)31-GA-67,(CUM),TTY,,EOB,DERIV) |
| B0135.004.2 | (30-ZN-0(A,X)31-GA-66,,TTY,,DT,EXP) | (30-ZN-0(A,X)31-GA-66,IND,TTY,,EOB,DERIV) |
| B0135.006.2 | (30-ZN-0(A,X)32-GE-69,,TTY,,DT,EXP) | (30-ZN-0(A,X)32-GE-69,,TTY,,EOB,DERIV) |
| B0135.007.2 | (30-ZN-0(A,X)32-GE-68,,TTY,,DT,EXP) | (30-ZN-0(A,X)32-GE-68,,TTY,,EOB,DERIV) |
| B0135.009.2 | (30-ZN-0(A,X)32-GE-66,,TTY,,DT,EXP) | (30-ZN-0(A,X)32-GE-66,,TTY,,EOB,DERIV) |
| B0135.010.2 | (30-ZN-0(A,X)30-ZN-65,,TTY,,DT,EXP) | (30-ZN-0(A,X)30-ZN-65,,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| B0145.002 | (20-CA-48(T,D)20-CA-49,,TTY,,DT,EXP) | (20-CA-CMP(T,X)20-CA-49,,PY,,TT) | yield by definition => PHY  [Thick target product yield.] | B027 |
|  |  |  |  |  |
| B0151.002.2 | (8-O-16(HE3,P)9-F-18,CUM,TTY,,,EXP) | (1-H-WTR(HE3,X)9-F-18,CUM,TTY,,EOB) | Saturation yield is explicitly given.  [Saturation yield curve was replaced with the directly measured 3-hr EOB yield in text.] | B027 |
|  |  |  |  |  |
| B0160.003 | (26-FE-0(HE3,X)27-CO-58-G,M+,TTY,,,EXP) | (26-FE-0(HE3,X)27-CO-58,,TTY,,EOB) | Most probable EOB activity is given. Entry is same as A0140.  **[Delete!]** | B027 |
|  |  |  |  |  |
| B0161.002.1 | (30-ZN-64(D,2P)29-CU-64,,TTY,,(A)/DT,EXP) | (30-ZN-0(D,X)29-CU-64,,TTY,,(PHY)) | Most probably EOB activity is given. No irradiation time is presented only the total charge.  [No specification about the yield type. T1/2 >>1 hr.] | B027 |
| B0161.002.2 | (30-ZN-0(D,X)29-CU-67,CUM,TTY,,(A)/DT,EXP) | (30-ZN-0(D,X)29-CU-67,CUM,TTY,,(PHY)) |
|  |  |  |  |  |
| B0163.002 | (55-CS-133(D,2N)56-BA-133-M,,TTY,,DT,EXP) | (55-CS-133(D,2N)56-BA-133-M,,TTY,,(PHY)) | Most probable EOB activity is given. No details are presented Irradiation time is given as typical 2h.  [No specification about the yield type. T1/2>>1 hr.] | B027 |
|  |  |  |  |  |
| B0164.002.2 | (28-NI-60(A,2N)30-ZN-62,,TTY,,DT,EXP) | (28-NI-0(A,X)30-ZN-62,,TTY,,(PHY)) | Most probable EOB activity is given. 20 min irradiation time can be deduced from the presented data TIME-IRRD should be inserted.  [No specification about the yield type. T1/2>>1 hr] | B027 |
|  |  |  |  |  |
| B0165.002.2 | (52-TE-0(HE3,X)54-XE-125-G,IND/M+,TTY,,DT,EXP) | (52-TE-0(HE3,X)54-XE-125,,TTY,,(PHY)) | No irradiation time was presented.  [Some articles from the same group report EOB yield obtained from the excitation function. Irradiation time unknown.] | B027 |
| B0165.003.2 | (52-TE-0(A,X)54-XE-125-G,IND/M+,TTY,,DT,EXP) | (52-TE-0(A,X)54-XE-125,,TTY,,(PHY)) |
| B0165.004.1 | (52-TE-0(HE3,X)54-XE-123,IND,TTY,,DT,EXP) | (52-TE-0(HE3,X)54-XE-123,,TTY,,(PHY)) |
| B0165.004.2 | (52-TE-0(HE3,X)53-I-123,,TTY,,DT,EXP) | (52-TE-0(HE3,X)53-I-123,,TTY,,(PHY)) |
| B0165.004.3 | (52-TE-0(HE3,X)53-I-130-G,IND/M+,TTY,,DT,EXP) | (52-TE-0(HE3,X)53-I-130,,TTY,,(PHY)) |
|  |  |  |  |  |
| B0167.004 | (52-TE-123(P,N)53-I-123,,TTY,,DT,EXP) | (52-TE-123(P,N)53-I-123,,TTY,,EOB/FCT) | No explanation how the yield was calculated 20 min TIME-IRRD should be included.  [Delete? Yield for routinely available enriched samples.] | B027 |
| B0167.005 | (52-TE-124(P,2N)53-I-123,,TTY,,DT,EXP) | (52-TE-124(P,2N)53-I-123,,TTY,,EOB/FCT) | No explanation how the yield was calculated 20 min TIME-IRRD should be included. Data from Fig 1 and Fig 2 only partly included.  [Delete? Yield for routinely available enriched samples.] |
|  |  |  |  |  |
| B0169.002 | (52-TE-124(P,2N)53-I-123,,TTY,,DT,EXP) | (52-TE-124(P,2N)53-I-123,,TTY,,EOB) | Only irradiation time and beam intensity intervals are provided.  [***Delete?*** There is no description on experimental and derivation procedures for these yields.] | B027 |
| B0169.003 | (52-TE-124(P,N)53-I-124,,TTY,,DT,EXP) | (52-TE-124(P,N)53-I-124,,TTY,,EOB) |
|  |  |  |  |  |
| B0171.012.2 | (35-BR-0(P,X)36-KR-77,IND,TTY,,DT,DERIV) | (35-BR-CMP(P,X)36-KR-77,,TTY,PHY,DERIV) | Short irradiation .No any information is given in the article on the yield calculation.  [The equation of J,ARI,28.885.1077 shows that the author gives PHY.] | B027 |
|  |  |  |  |  |
| B0172.002.2 | (79-AU-197(A,N)81-TL-200,,TTY,,DT,EXP) | (79-AU-197(A,N)81-TL-200,,TTY,,EOB,DERIV) | No details are given for the yiedl calculation.  [Nagame confirmed that 1-hour yield is given in his another EXFOR entry B0135.] | B027 |
| B0172.003.2 | (79-AU-197(A,2N)81-TL-199,,TTY,,DT,EXP) | (79-AU-197(A,2N)81-TL-199,,TTY,,EOB,DERIV) |
| B0172.004.2 | (79-AU-197(A,3N)81-TL-198-G,,TTY,,DT,EXP) | (79-AU-197(A,3N)81-TL-198-G,,TTY,,EOB,DERIV) |
| B0172.004.4 | (79-AU-197(A,3N)81-TL-198-M,,TTY,,DT,EXP) | (79-AU-197(A,3N)81-TL-198-M,,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| B0174.002.2 | (13-AL-27(A,X)11-NA-24,CUM,TTY,,DT,EXP) | (13-AL-27(A,X)11-NA-24,CUM,TTY,,EOB,DERIV) | EOB activity after 1h 1uA irradiation.  [PHY. c.f. Eq.(1) of Ref.[31]] | B027 |
| B0174.003.2 | (13-AL-27(A,X)11-NA-22,CUM,TTY,,DT,EXP) | (13-AL-27(A,X)11-NA-22,CUM,TTY,,EOB,DERIV) |
| B0174.004.2 | (13-AL-27(A,X)4-BE-7,,TTY,,DT,EXP) | (13-AL-27(A,X)4-BE-7,,TTY,,EOB,DERIV) |
| B0174.008.2 | (13-AL-27(A,3P)12-MG-28,,TTY,,DT,EXP) | (13-AL-27(A,3P)12-MG-28,,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| B0175.002 | (53-I-127(P,X)53-I-123,CUM,TTY,,DT,EXP) | (53-I-127(P,X)53-I-123,CUM,TTY,,EOB) | EOB activity after tb=2.5h irradiation and 1 uA. Data unit was changed to MUCI/MUA.  [**Delete.** 123I yield from 127I(p,x)123Xe -> 123I]. | B027 |
| B0175.003 | (29-CU-63(P,2N)30-ZN-62,,TTY,,DT,EXP) | (29-CU-0(P,X)30-ZN-62,,TTY,,EOB) | EOB activity after tb=20 min irradiation and 1 uA. Data unit was changed to MUCI/MUA.  [MCI/MUA instead of MUCI/MUA] |
| B0175.004 | (8-O-16(P,X)7-N-13,,TTY,,DT,EXP) | (1-H-WTR(P,X)7-N-13,,TTY,,EOB) | EOB activity after tb=2.5h irradiation and 1 uA. Data unit was changed to MUCI/MUA.  [MCI/MUA instead of MUCI/MUA] |
|  |  |  |  |  |
| B0176.002 | (10-NE-20(D,A)9-F-18,,TTY,,DT,EXP) | (10-NE-0(D,X)9-F-18,,TTY,,EOB) | Most probably the EOB activity was not calculated properly (the measured activity just divided by beam current and irradiation time).  [In the relation with the reported SAT yield, this yield must be 1-hr EOB yield.] | B027 |
|  |  |  |  |  |
| B0178.002.2 | (25-MN-55(HE3,3N)27-CO-55,,TTY,,DT,EXP) | (25-MN-55(HE3,3N)27-CO-55,,TTY,,EOB,DERIV) | According to the given equation PHY was calculated  [Eq.(1) of the article shows that it gives 1-hr EOB yield.] | B027 |
| B0178.003.2 | (25-MN-55(HE3,2N)27-CO-56,,TTY,,DT,EXP) | (25-MN-55(HE3,2N)27-CO-56,,TTY,,EOB,DERIV) |
| B0178.004.2 | (25-MN-55(HE3,N)27-CO-57,,TTY,,DT,EXP) | (25-MN-55(HE3,N)27-CO-57,,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| C0068.004 | (42-MO-0(P,X)43-TC-99-M,,TTY,,DT) | (42-MO-0(P,X)43-TC-99-M,,TTY,,(PHY)) | No enough information. According to the cited paper PHY is published. I am not certain, max (PHY). Cumulative data are not correct. EOB supposed. | C168 |
| C0068.005 | (42-MO-0(P,X)42-MO-99,,TTY,,DT) | (42-MO-0(P,X)42-MO-99,,TTY,,(PHY)) |
| C0068.007.1 | (42-MO-0(P,X)43-TC-93,,TTY,,DT) | (42-MO-0(P,X)43-TC-93,,TTY,,(PHY)) |
| C0068.007.2 | (42-MO-0(P,X)43-TC-94,,TTY,,DT) | (42-MO-0(P,X)43-TC-94,,TTY,,(PHY)) |
| C0068.009.1 | (42-MO-0(P,X)43-TC-95,,TTY,,DT) | (42-MO-0(P,X)43-TC-95,,TTY,,(PHY)) |
| C0068.009.2 | (42-MO-0(P,X)43-TC-95-M,,TTY,,DT) | (42-MO-0(P,X)43-TC-95-M,,TTY,,(PHY)) |
| C0068.011 | (42-MO-0(P,X)43-TC-96,,TTY,,DT) | (42-MO-0(P,X)43-TC-96,,TTY,,(PHY)) |
| C0068.013.1 | (42-MO-0(P,X)42-MO-90,,TTY,,DT) | (42-MO-0(P,X)42-MO-90,,TTY,,(PHY)) |
| C0068.013.2 | (42-MO-0(P,X)42-MO-93-M,,TTY,,DT) | (42-MO-0(P,X)42-MO-93-M,,TTY,,(PHY)) |
| C0068.014.1 | (42-MO-0(P,X)41-NB-90,,TTY,,DT) | (42-MO-0(P,X)41-NB-90,,TTY,,(PHY)) |
| C0068.014.2 | (42-MO-0(P,X)41-NB-92-M,,TTY,,DT) | (42-MO-0(P,X)41-NB-92-M,,TTY,,(PHY)) |
| C0068.015 | (42-MO-0(P,X)41-NB-95-G,M+,TTY,,DT) | (42-MO-0(P,X)41-NB-95-G,M+,TTY,,(PHY)) |
| C0068.016.1 | (42-MO-0(P,X)40-ZR-86,,TTY,,DT) | (42-MO-0(P,X)40-ZR-86,,TTY,,(PHY)) |
| C0068.016.2 | (42-MO-0(P,X)40-ZR-88,,TTY,,DT) | (42-MO-0(P,X)40-ZR-88,,TTY,,(PHY)) |
| C0068.017 | (42-MO-0(P,X)40-ZR-89,,TTY,,DT) | (42-MO-0(P,X)40-ZR-89,,TTY,,(PHY)) |
| C0068.018.1 | (42-MO-0(P,X)39-Y-87,,TTY,,DT) | (42-MO-0(P,X)39-Y-87,,TTY,,(PHY)) |
| C0068.018.2 | (42-MO-0(P,X)39-Y-87-M,,TTY,,DT) | (42-MO-0(P,X)39-Y-87-M,,TTY,,(PHY)) |
|  |  |  |  |  |
| C0094.003 | (51-SB-0(P,X)52-TE-118,,TTY,,DT) | (51-SB-0(P,X)52-TE-118,,TTY,,(PHY)) | (Same as C0094) | C168 |
| C0094.005 | (51-SB-0(P,X)52-TE-117,,TTY,,DT) | (51-SB-0(P,X)52-TE-117,,TTY,,(PHY)) |
| C0094.007.1 | (51-SB-0(P,X)52-TE-119-G,,TTY,,DT) | (51-SB-0(P,X)52-TE-119-G,,TTY,,(PHY)) |
| C0094.007.2 | (51-SB-0(P,X)52-TE-119-M,,TTY,,DT) | (51-SB-0(P,X)52-TE-119-M,,TTY,,(PHY)) |
| C0094.009.1 | (51-SB-0(P,X)52-TE-121-G,,TTY,,DT) | (51-SB-0(P,X)52-TE-121-G,,TTY,,(PHY)) |
| C0094.009.2 | (51-SB-0(P,X)52-TE-121-M,,TTY,,DT) | (51-SB-0(P,X)52-TE-121-M,,TTY,,(PHY)) |
|  |  |  |  |  |
| C0095.003 | ((12-MG-0(P,X)9-F-18,,TTY,,DT)+  (8-O-18(P,N)9-F-18,,TTY,,DT)) | ((12-MG-OXI(P,X)9-F-18,,TTY,,(PHY)) | (Same as C0094) | C168 |
| C0095.005 | (12-MG-0(P,X)11-NA-24,,TTY,,DT) | (12-MG-0(P,X)11-NA-24,,TTY,,(PHY)) |
| C0095.007 | (12-MG-0(P,X)11-NA-22,,TTY,,DT) | (12-MG-0(P,X)11-NA-22,,TTY,,(PHY)) |
| C0095.009 | ((12-MG-0(P,X)4-BE-7,,TTY,,DT)+  (8-O-0(P,X)4-BE-7,,TTY,,DT)) | (12-MG-OXI(P,X)4-BE-7,,TTY,,(PHY)) |
|  |  |  |  |  |
| C0096.003 | (11-NA-23(P,X)9-F-18,,TTY,,DT) | (11-NA-23(P,X)9-F-18,,TTY,,(PHY)) | (Same as C0094) | C168 |
| C0096.004.1 |  | (11-NA-CMP(P,X)9-F-18,,TTY,,(PHY)) |  |
| C0096.004.2 |  | (11-NA-CMP(P,X)9-F-18,,TTY,,(PHY)) |
|  |  |  |  |  |
| C0186.002.1 | (82-PB-0(P,X)82-PB-201,,TTY,,DT) | (82-PB-0(P,X)82-PB-201,,TTY,,(PHY)) | Yields were calculated from the measured Pb yields at 34.8 h after the end of bombardment. | C168 |
| C0186.002.2 | (82-PB-0(P,X)82-PB-200,,TTY,,DT) | (82-PB-0(P,X)82-PB-200,,TTY,,(PHY)) |
| C0186.002.3 | (82-PB-0(P,X)81-TL-201,,TTY,,DT) | (82-PB-0(P,X)81-TL-201,,TTY,,(PHY)) |
| C0186.002.4 | (82-PB-0(P,X)81-TL-200,,TTY,,DT) | (82-PB-0(P,X)81-TL-200,,TTY,,(PHY)) |
|  |  |  |  |  |
| C0187.004.1 | (27-CO-59(P,X)27-CO-57,CUM,TTY,,DT) | Moved to ADD-RES. | Yield=activity was derived at 271.5h after EOB.  The yield should be a monotone increasing function regarding the bombarding energy!!! They made the summation starting from the higher energy. | C168 |
| C0187.004.2 | (27-CO-59(P,3N)28-NI-57,,TTY,,DT) | (27-CO-59(P,3N)28-NI-57,,TTY,,EOB/MSC) | TIME-IRRD=1 hr.  Definitely EOB activity is mentioned in the paper.  [Not clear if the yield is for 1 hr irradiation] |
|  |  |  |  |  |
| C0188.005.1 | (45-RH-103(P,X)45-RH-101-M,,TTY,,DT) | (45-RH-103(P,X)45-RH-101-M,,TTY,,EOB/MSC) | [TIME-IRRD unknown.]  Definitely EOB activity is mentioned in the paper, and reference to PHY yield calculation is given. The TTY-Energy function is not correct. | C168 |
| C0188.005.2 | (45-RH-103(P,X)45-RH-100,,TTY,,DT) | (45-RH-103(P,X)45-RH-100,,TTY,,EOB/MSC) |
| C0188.005.3 | (45-RH-103(P,X)45-RH-101,,TTY,,DT) | (45-RH-103(P,X)45-RH-101,,TTY,,EOB/MSC) |
| C0188.006.1 | (45-RH-103(P,3N)46-PD-101,,TTY,,DT) | (45-RH-103(P,3N)46-PD-101,,TTY,,EOB/MSC) |
| C0188.006.2 | (45-RH-103(P,4N)46-PD-100,,TTY,,DT) | (45-RH-103(P,4N)46-PD-100,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| C0194.002.1 | (45-RH-103(P,X)44-RU-97,,TTY,,DT) | (45-RH-103(P,X)44-RU-97,,TTY,,(PHY)) | Regarding other papers of the author I am not sure if the proper PHY is presented, The TTY-Energy function is not correct. | C168 |
|  |  |  |  |  |
| C0202.003 | (8-O-16(P,A)7-N-13,,TTY,,,DERIV) | (8-O-16(P,A)7-N-13,,TTY,,SAT,DERIV) | No details are given on the TTY calculation, but EOB count rate is mentioned and the used unit mCi/uA suggests that saturation activity was calculated. | C168 |
| C0202.005 | (7-N-14(P,N+P)7-N-13,,TTY,,,DERIV) | (7-N-14(P,X)7-N-13,,TTY,,SAT,DERIV) |
|  |  |  |  |  |
| C0519.005 | (5-B-11(A,N)7-N-14,,TTY,,REL) | (5-B-11(A,N)7-N-14,,MLT,,TT/REL) | Neutrons were measured on a relative way | C168 |
| C0519.006 | (5-B-11(A,N)7-N-14,,TTY,,REL) | (5-B-11(A,N)7-N-14,,MLT,,TT/REL) |
|  |  |  |  |  |
| C0771.002 | (5-B-11(P,N)6-C-11,,TTY) | (5-B-CMP(P,X)6-C-11,,TTY,,SAT) | Saturation Activity is provided. | C168 |
| C0771.003 | (8-O-18(P,N)9-F-18,,TTY) | (8-O-CMP(P,X)9-F-18,,TTY,,SAT) |
|  |  |  |  |  |
| C0910.008 | (8-O-16(A,G)10-NE-20,,TTY,,REL) | (8-O-CMP(A,X)10-NE-20,,MLT,G,TT/REL) | From the EXFOR entry it is not clear what data are compiled. It is not TTY. Should be improved. | C168 |
| C0910.009 | (8-O-16(A,G)10-NE-20,,TTY,,REL) | (8-O-CMP(A,X)10-NE-20,,MLT,G,TT/REL) |
| C0910.010 | (8-O-16(A,G)10-NE-20,,TTY,,REL) | (8-O-CMP(A,X)10-NE-20,,MLT,G,TT/REL) |
| C0910.011 | (8-O-16(A,G)10-NE-20,,TTY,,REL) | (8-O-CMP(A,X)10-NE-20,,MLT,G,TT/REL) |
| C0910.012 | (8-O-16(A,G)10-NE-20,PAR,TTY,,REL) | (8-O-CMP(A,X)10-NE-20,PAR,MLT,G,TT/REL) |
|  |  |  |  |  |
| C0946.002 | (6-C-12(D,N)7-N-13,,TTY) | (6-C-12(D,N)7-N-13,,TTY,,SAT) | Saturation activity is provided. | C168 |
|  |  |  |  |  |
| C0961.003 | (92-U-238(P,F)42-MO-99,CUM,TTY,,DT) | Moved to ADD-RES of 001. | Not defined!!! No details are given, Can be batch yield=activity for a given irradiation condition. No irradiation time no beam intensity is given just "yield". | C168 |
|  |  |  |  |  |
| C0963.003 | (42-MO-100(P,X)43-TC-99-M,CUM,TTY,,DT) | (42-MO-100(P,X)43-TC-99-M,CUM,TTY,,EOB/MSC) | [TIME-IRRD unknown.]  No details are given, just EOB activity is mentioned. No irradiation time no beam intensity is given just "yield". | C168 |
|  |  |  |  |  |
| C0967.002.2 | (53-I-127(P,X)54-XE-121,,TTY,,DT) | Moved under MISC (Thin target yield as a function of point energy.) | Contradicting information is given. Both PHY by giving proper reference and EOB activity by explicit mentioning in the text are present. | C168 |
| C0967.003.2 | (53-I-127(P,X)54-XE-122,,TTY,,DT) |
| C0967.004.2 | (53-I-127(P,X)54-XE-123,,TTY,,DT) |
| C0967.005.2 | (53-I-127(P,X)54-XE-125,,TTY,,DT) |
| C0967.006.2 | (53-I-127(P,X)54-XE-127,,TTY,,DT) |
|  |  |  |  |  |
| C0968.002.1 | (55-CS-133(P,X)55-CS-129,,TTY,,DT) | Moved under MISC (Thin target yield as a function of point energy.). | EOB values are presented in tables, although reference for PHY calculation is given. TTY data measured on thin targets and summed up, but effect of the Al foils separating the target pellets was neglected. Simple summed up the yield of thin targets to present thick target | C168 |
| C0968.003.1 | (55-CS-133(P,X)55-CS-132,,TTY,,DT) |
| C0968.004.1 | (55-CS-133(P,X)56-BA-128,,TTY,,DT) |
| C0968.005.1 | (55-CS-133(P,X)56-BA-131,,TTY,,DT) |
|  |  |  |  |  |
| C1183.002 | (3-LI-0(D,X)4-BE-7,,TTY,,PHY) | (3-LI-0(D,X)4-BE-7,,TTY,,EOB/MSC) | [TIME-IRRD unknown.]  According to the article correction for decay during irradiation was not made, therefore the presented data are EOB activity. | C168 |
| C1183.003 | (12-MG-0(D,X)11-NA-22,,TTY,,PHY) | (12-MG-0(D,X)11-NA-22,,TTY,,EOB/MSC) |
| C1183.004 | (22-TI-0(D,X)23-V-48,,TTY,,PHY) | (22-TI-0(D,X)23-V-48,,TTY,,EOB/MSC) |
| C1183.005 | (24-CR-0(D,X)25-MN-52,,TTY,,PHY) | (24-CR-0(D,X)25-MN-52,,TTY,,EOB/MSC) |
| C1183.006 | (26-FE-0(D,X)25-MN-54,,TTY,,PHY) | (26-FE-0(D,X)25-MN-54,,TTY,,EOB/MSC) |
| C1183.007 | (24-CR-54(P,X)25-MN-54,,TTY,,PHY) | (24-CR-54(P,X)25-MN-54,,TTY,,EOB/MSC) |
| C1183.008 | (25-MN-55(D,X)26-FE-55,,TTY,,PHY) | (25-MN-55(D,X)26-FE-55,,TTY,,EOB/MSC) |
| C1183.009 | (26-FE-0(D,X)27-CO-57,,TTY,,PHY) | (26-FE-0(D,X)27-CO-57,,TTY,,EOB/MSC) |
| C1183.010 | (29-CU-0(P,X)30-ZN-65,,TTY,,PHY) | (29-CU-0(P,X)30-ZN-65,,TTY,,EOB/MSC) |
| C1183.011 | (30-ZN-0(D,X)31-GA-67,,TTY,,PHY) | (30-ZN-0(D,X)31-GA-67,,TTY,,EOB/MSC) |
| C1183.012 | (32-GE-0(D,X)33-AS-74,,TTY,,PHY) | (32-GE-0(D,X)33-AS-74,,TTY,,EOB/MSC) |
| C1183.013 | (37-RB-0(D,X)38-SR-85,,TTY,,PHY) | (37-RB-CMP(D,X)38-SR-85-G,M+,TTY,,EOB/MSC) |
| C1183.014 | (38-SR-0(P,X)39-Y-88,,TTY,,PHY) | (38-SR-OXI(P,X)39-Y-88,,TTY,,EOB/MSC) |
| C1183.015 | (47-AG-0(D,X)48-CD-109,,TTY,,PHY) | (47-AG-0(D,X)48-CD-109,,TTY,,EOB/MSC) |
| C1183.016 | (48-CD-0(D,X)49-IN-111,,TTY,,PHY) | (48-CD-0(D,X)49-IN-111,,TTY,,EOB/MSC) |
| C1183.017 | (57-LA-0(D,X)58-CE-139,,TTY,,PHY) | (57-LA-OXI(D,X)58-CE-139,,TTY,,EOB/MSC) |
| C1183.018 | (73-TA-0(D,X)74-W-181,,TTY,,PHY) | (73-TA-0(D,X)74-W-181,,TTY,,EOB/MSC) |
| C1183.019 | (82-PB-0(P,X)83-BI-207,,TTY,,PHY) | (82-PB-0(P,X)83-BI-207,,TTY,,EOB/MSC) |
| C1183.020 | (3-LI-0(P,X)4-BE-7,,TTY,,PHY) | (3-LI-0(P,X)4-BE-7,,TTY,,EOB/MSC) |
| C1183.021 | (22-TI-0(P,X)23-V-48,,TTY,,PHY) | (22-TI-OXI(P,X)23-V-48,,TTY,,EOB/MSC) |
| C1183.022 | (24-CR-0(P,X)25-MN-52,,TTY,,PHY) | (24-CR-0(P,X)25-MN-52,,TTY,,EOB/MSC) |
| C1183.023 | (24-CR-0(P,X)25-MN-54,,TTY,,PHY) | (24-CR-0(P,X)25-MN-54,,TTY,,EOB/MSC) |
| C1183.024 | (25-MN-55(P,X)26-FE-55,,TTY,,PHY) | (25-MN-55(P,X)26-FE-55,,TTY,,EOB/MSC) |
| C1183.025 | (28-NI-0(P,X)27-CO-57,,TTY,,PHY) | (28-NI-0(P,X)27-CO-57,,TTY,,EOB/MSC) |
| C1183.026 | (32-GE-0(P,X)33-AS-74,,TTY,,PHY) | (32-GE-0(P,X)33-AS-74,,TTY,,EOB/MSC) |
| C1183.027 | (37-RB-0(P,X)38-SR-85,,TTY,,PHY) | (37-RB-CMP(P,X)38-SR-85-G,M+,TTY,,EOB/MSC) |
| C1183.028 | (57-LA-0(P,X)58-CE-139,,TTY,,PHY) | (57-LA-OXI(P,X)58-CE-139,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| C1184.002 | ((1-H-1(11-NA-21,G)12-MG-22,,TTY,,REL)=  (11-NA-21(P,G)12-MG-22,,TTY,,REL)) | Delete. Duplication of C0992.002. |  | C168 |
|  |  |  |  |  |
| C1437.002 | (10-NE-20(P,A)9-F-17,,TTY) | (10-NE-20(P,A)9-F-17,,TTY,,SAT) | Saturation yield was given. | C168 |
| C1437.003 | (8-O-16(D,N)9-F-17,,TTY) | (8-O-16(D,N)9-F-17,,TTY,,SAT) |
|  |  |  |  |  |
| C1462.002 | (52-TE-124(P,N)53-I-124,,TTY,,DT) | (52-TE-124(P,N)53-I-124,,TTY,,EOB/MSC) | The EOB activity was divided by the irradiation time and beam intensity. Can be corrected. TIME-IRRD should be included | C168 |
|  |  |  |  |  |
| C1517.002 | (52-TE-124(P,N)53-I-124,,TTY,,DT) | (52-TE-CMP(P,X)53-I-124,,TTY,,EOB/MSC) | [TIME-IRRD known as range 3 to 4 h]  The irradiation conditions are not clear, irradiation time is given as from - to. EOB activity is given in unit of uCi/uAh suggests division by irradiation time. | C168 |
|  |  |  |  |  |
| C1533.002 | (21-SC-45(P,N)22-TI-45,,TTY,,DT) | (21-SC-45(P,N)22-TI-45,,TTY,,EOB/MSC) | [TIME-IRRD known as 20 min to 2 h]  The EOB activity was divided by the irradiation time and beam intensity. EOB activity is provided should be compiled together with irradiation time | C168 |
|  |  |  |  |  |
| C1590.002 | (38-SR-86(P,N)39-Y-86,,TTY) | (38-SR-CMP(P,X)39-Y-86,,TTY,,SAT) | Confusing data!! EOB batch activity for 15uA beam current is less than the calculated EOB "yield" for unit beam current. Table heading: EOB table caption SAT.  [The SAT/EOB inconsistency must be described in free text.] | C168 |
|  |  |  |  |  |
| C1596.003 | (45-RH-103(P,N)46-PD-103,,TTY,,DT) | (45-RH-103(P,N)46-PD-103,,TTY,,(PHY)) | No information is given on Yield calculation. Same experiment as in D0456 [which must be deleted.] | C168 |
| C1596.004 | (45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV) | (45-RH-103(P,N)46-PD-103,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| C1600.003 | (28-NI-64(P,N)29-CU-64,,TTY,,,DERIV) | (28-NI-64(P,N)29-CU-64,,TTY,,SAT,DERIV) | Saturation yield was provided (divided by irradiation time). In subentry 004 the target thickness unit was corrected. | C168 |
| C1600.004 | (28-NI-64(P,N)29-CU-64,,TTY) | (28-NI-64(P,N)29-CU-64,,TTY,,SAT) |
|  |  |  |  |  |
| C1940.002.1 | (20-CA-0(P,X)21-SC-43,,TTY) | (20-CA-0(P,X)21-SC-43,,TTY,,SAT) | Saturation yield:  Experimental saturation yield provided. Data process contains division by irradiation time.  EOB yield:  [TIME-IRRD=1 hr]  EOB activity was calculated by dividing the measured activity with irradiation time and beam intensity. TIME-IRRD should be included. | C168 |
| C1940.002.2 | (20-CA-0(P,X)21-SC-43,,TTY,,DT) | (20-CA-0(P,X)21-SC-43,,TTY,,EOB) |
| C1940.003.1 | (20-CA-0(P,X)21-SC-44-G,,TTY) | (20-CA-0(P,X)21-SC-44-G,,TTY,,SAT) |
| C1940.003.2 | (20-CA-0(P,X)21-SC-44-G,,TTY,,DT) | (20-CA-0(P,X)21-SC-44-G,,TTY,,EOB) |
| C1940.004.1 | (20-CA-0(P,X)21-SC-44-M,,TTY) | (20-CA-0(P,X)21-SC-44-M,,TTY,,SAT) |
| C1940.004.2 | (20-CA-0(P,X)21-SC-44-M,,TTY,,DT) | (20-CA-0(P,X)21-SC-44-M,,TTY,,EOB) |
| C1940.005.1 | (20-CA-0(P,X)21-SC-47,,TTY) | (20-CA-0(P,X)21-SC-47,,TTY,,SAT) |
| C1940.005.2 | (20-CA-0(P,X)21-SC-47,,TTY,,DT) | (20-CA-0(P,X)21-SC-47,,TTY,,EOB) |
| C1940.006.1 | (20-CA-0(P,X)21-SC-48,,TTY) | (20-CA-0(P,X)21-SC-48,,TTY,,SAT) |
| C1940.006.2 | (20-CA-0(P,X)21-SC-48,,TTY,,DT) | (20-CA-0(P,X)21-SC-48,,TTY,,EOB) |
|  |  |  |  |  |
| C1954.002 | (38-SR-0(P,X)39-Y-86,,TTY,,(PHY)) | (38-SR-CMP(P,X)39-Y-86,,TTY,,EOB/MSC) | SF8=EOB was changed according to the table heading. No additional details are given. | C168 |
| C1954.003 | (38-SR-88(P,3N)39-Y-86,,TTY,,(PHY)) | (38-SR-CMP(P,X)39-Y-86,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| C2147.002 | (74-W-0(P,X)75-RE-181,,TTY,,PHY) | (74-W-OXI(P,X)75-RE-181,,TTY,,PHY) | The batch yield divided by collected charge is defined as product yield, not corrected for decay during irradiation => EOB activity calculated on a wrong way.  [The first author informed to NDS that the yields given in Table 4 and compiled in this entry are physical yields on 16 June 2015.] | C168 |
| C2147.003 | (74-W-0(P,X)75-RE-182-M,,TTY,,PHY) | (74-W-OXI(P,X)75-RE-182-M,,TTY,,PHY) |
| C2147.004 | (74-W-0(P,X)75-RE-182-G,,TTY,,PHY) | (74-W-OXI(P,X)75-RE-182-G,,TTY,,PHY) |
| C2147.005 | (74-W-0(P,X)75-RE-183,,TTY,,PHY) | (74-W-OXI(P,X)75-RE-183,,TTY,,PHY) |
| C2147.006 | (74-W-0(P,X)75-RE-184-G,M+,TTY,,PHY) | (74-W-OXI(P,X)75-RE-184-G,M+,TTY,,PHY) |
| C2147.007 | (74-W-0(P,X)75-RE-186-G,,TTY,,PHY) | (74-W-OXI(P,X)75-RE-186-G,,TTY,,PHY) |
|  |  |  |  |  |
| D0042.004.2 | (45-RH-103(A,2N)47-AG-105-G,,TTY,,DT) | (45-RH-103(A,2N)47-AG-105-G,,TTY,,PHY) | Deleted according to Memo CP/D-891. | D103 |
| D0042.005.2 | (45-RH-103(A,N)47-AG-106-M,,TTY,,DT) | (45-RH-103(A,N)47-AG-106-M,,TTY,,PHY) |
|  |  |  |  |  |
| D0046.004.2 | (39-Y-89(A,2N+A)39-Y-87-G,,TTY,,DT) | (39-Y-89(A,2N+A)39-Y-87-G,,TTY,,PHY) | Deleted according to Memo CP/D-891. | D103 |
|  |  |  |  |  |
| D0085.002 | (32-GE-70(A,N)34-SE-73,,TTY,,DT) | (Delete) | Activity at EOB after given production parameters.  [Yield derived from batch yield.] | D121 |
|  |  |  |  |  |
| D0089.004 | (30-ZN-0(P,X)31-GA-66,,TTY,,DT) | (30-ZN-0(P,X)31-GA-66,,TTY,,EOB) | Explicit given: EOB activity for 1h 1uA irradiation.  [Add TIME-IRRD=1 hr.  Add “Summing up the radioactivity in individual foils of the stack” under ANALYSIS.] | D121 |
| D0089.005 | (30-ZN-0(P,X)31-GA-67,,TTY,,DT) | (30-ZN-0(P,X)31-GA-67,,TTY,,EOB) |  |
|  |  |  |  |  |
| D0093.003 | (52-TE-123(P,N)53-I-123,,TTY,,DT) | (Delete) | No details are given in the article on the TTY calculation. Can be EOB.  [Definition unclear.] | D121 |
|  |  |  |  |  |
| D0112.002 | (10-NE-20(D,A)9-F-18,,TTY,,DT) | (Move to ADD-RES of 001) | French text. Clearly EOB activity. [EOB yield without irradiation specification. 1-hr EOB yield?] | D121 |
| D0112.003 | (18-AR-40(A,P)19-K-43,,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D0114.002 | (81-TL-0(P,X)82-PB-200,,TTY,,TM) | (81-TL-0(P,X)82-PB-200,,TTY/DEN,,PHY) | Proper equation is given for PHY, TTY/DEN according to CPD893. | D121 |
| D0114.003 | (81-TL-0(P,X)82-PB-201,,TTY,,TM) | (81-TL-0(P,X)82-PB-201,,TTY/DEN,,PHY) |
| D0114.004 | (81-TL-0(P,X)81-TL-202,,TTY,,TM) | (81-TL-0(P,X)81-TL-202,,TTY/DEN,,PHY) |
| D0114.005 | (81-TL-0(P,X)82-PB-203,,TTY,,TM) | (81-TL-0(P,X)82-PB-203,,TTY/DEN,,PHY) |
| D0114.006 | (81-TL-203(P,X)82-PB-200,,TTY,,TM) | (81-TL-203(P,X)82-PB-200,,TTY/DEN,,PHY) |
| D0114.007 | (81-TL-203(P,X)82-PB-201,,TTY,,TM) | (81-TL-203(P,X)82-PB-201,,TTY/DEN,,PHY) |
| D0114.008 | (81-TL-203(P,X)82-PB-202-M,,TTY,,TM) | (81-TL-203(P,X)82-PB-202-M,,TTY/DEN,,PHY) |
| D0114.009 | (81-TL-203(P,X)82-PB-203,,TTY,,TM) | (81-TL-203(P,X)82-PB-203,,TTY/DEN,,PHY) |
| D0114.010 | (80-HG-202(P,X)81-TL-199,,TTY,,TM) | (80-HG-202(P,X)81-TL-199,,TTY/DEN,,PHY) |
| D0114.011 | (80-HG-202(P,X)81-TL-200,,TTY,,TM) | (80-HG-202(P,X)81-TL-200,,TTY/DEN,,PHY) |
| D0114.012 | (80-HG-202(P,X)81-TL-201,,TTY,,TM) | (80-HG-202(P,X)81-TL-201,,TTY/DEN,,PHY) |
| D0114.013 | (80-HG-202(P,X)81-TL-202,,TTY,,TM) | (80-HG-202(P,X)81-TL-202,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0115.002 | (36-KR-0(P,X)37-RB-79,,TTY,,TM) | (36-KR-0(P,X)37-RB-79,,TTY/DEN,,PHY) | Not sure if PHY is presented => (PHY).  [Proper equation is given in p478 of the article. TTY/DEN,,PHY is correct.] | D121 |
| D0115.003 | (36-KR-0(P,X)37-RB-81-M,,TTY,,TM) | (36-KR-0(P,X)37-RB-81-M,,TTY/DEN,,PHY) |
| D0115.004 | (36-KR-0(P,X)37-RB-81,,TTY,,TM) | (36-KR-0(P,X)37-RB-81,,TTY/DEN,,PHY) |
| D0115.005 | (36-KR-0(P,X)37-RB-84-M,,TTY,,TM) | (36-KR-0(P,X)37-RB-84-M,,TTY/DEN,,PHY) |
| D0115.006 | (36-KR-0(P,X)37-RB-82-M,,TTY,,TM) | (36-KR-0(P,X)37-RB-82-M,,TTY/DEN,,PHY) |
| D0115.007 | (36-KR-0(P,X)37-RB-84,,TTY,,TM) | (36-KR-0(P,X)37-RB-84,,TTY/DEN,,PHY) |
| D0115.008 | (36-KR-0(P,X)37-RB-83,,TTY,,TM) | (36-KR-0(P,X)37-RB-83,,TTY/DEN,,PHY) |
| D0115.009 | (36-KR-0(P,X)37-RB-86,,TTY,,TM) | (36-KR-0(P,X)37-RB-86,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0119.003 | (29-CU-63(A,N)31-GA-66,,TTY,,DT) | (Delete) | No detailed information is given on the yield measurement.  [Definition unclear.] | D121 |
|  |  |  |  |  |
| D0148.002 | (80-HG-0(D,X)81-TL-199,,TTY,,DT) | (80-HG-0(D,X)81-TL-199,,TTY,,EOB) | Correction was made by VS. No additional changes were made.  [The authors mention that the “The results are standardised for a one-hour irradiation.] | D0104 |
| D0148.003 | (80-HG-0(D,X)81-TL-200,,TTY,,DT) | (80-HG-0(D,X)81-TL-200,,TTY,,EOB) |
| D0148.004 | (80-HG-0(D,X)81-TL-201,,TTY,,DT) | (80-HG-0(D,X)81-TL-201,,TTY,,EOB) |
| D0148.005 | (80-HG-0(D,X)81-TL-202,,TTY,,DT) | (80-HG-0(D,X)81-TL-202,,TTY,,EOB) |
| D0148.006 | (80-HG-0(P,X)81-TL-199,,TTY,,DT) | (80-HG-0(P,X)81-TL-199,,TTY,,EOB) |
| D0148.007 | (80-HG-0(P,X)81-TL-200,,TTY,,DT) | (80-HG-0(P,X)81-TL-200,,TTY,,EOB) |
| D0148.008 | (80-HG-0(P,X)81-TL-201,,TTY,,DT) | (80-HG-0(P,X)81-TL-201,,TTY,,EOB) |
| D0148.009 | (80-HG-0(P,X)81-TL-202,,TTY,,DT) | (80-HG-0(P,X)81-TL-202,,TTY,,EOB) |
| D0148.010 | (80-HG-0(P,X)81-TL-198-M,,TTY,,DT) | (80-HG-0(P,X)81-TL-198-M,,TTY,,EOB) |
| D0148.011 | (80-HG-0(P,X)81-TL-198,,TTY,,DT) | (80-HG-0(P,X)81-TL-198,,TTY,,EOB) |
| D0148.012 | (80-HG-0(P,X)81-TL-199,,TTY,,DT) | (80-HG-0(P,X)81-TL-199,,TTY,,EOB) |
| D0148.013 | (80-HG-0(P,X)81-TL-200,,TTY,,DT) | (80-HG-0(P,X)81-TL-200,,TTY,,EOB) |
| D0148.014 | (80-HG-0(P,X)81-TL-201,,TTY,,DT) | (80-HG-0(P,X)81-TL-201,,TTY,,EOB) |
| D0148.015 | (80-HG-0(P,X)81-TL-202,,TTY,,DT) | (80-HG-0(P,X)81-TL-202,,TTY,,EOB) |
|  |  |  |  |  |
| D0163.002 | (22-TI-0(P,X)21-SC-47,,TTY,,TM) | (22-TI-0(P,X)21-SC-47,,TTY/DEN,,PHY) | No equation is given.  [Data published by the Milano group.] | D121 |
| D0163.003 | (22-TI-0(P,X)23-V-48,,TTY,,TM) | (22-TI-0(P,X)23-V-48,,TTY/DEN,,PHY) |
| D0163.004 | (22-TI-0(P,X)21-SC-46,,TTY,,TM) | (22-TI-0(P,X)21-SC-46,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0166.002 | (47-AG-0(P,X)48-CD-107,,TTY,,TM) | (47-AG-0(P,X)48-CD-107,,TTY/DEN,,PHY) | No details are given, but this group generally provides TTY.  [Data published by the Milano group.] | D121 |
| D0166.003 | (47-AG-0(P,X)48-CD-105,,TTY,,TM) | (47-AG-0(P,X)48-CD-105,,TTY/DEN,,PHY) |
| D0166.004 | (47-AG-0(P,X)48-CD-104,,TTY,,TM) | (47-AG-0(P,X)48-CD-104,,TTY/DEN,,PHY) |
| D0166.005 | (47-AG-0(P,X)48-CD-109,,TTY,,TM) | (47-AG-0(P,X)48-CD-109,,TTY/DEN,,PHY) |
| D0166.006 | (47-AG-0(P,X)47-AG-105,,TTY,,TM) | (47-AG-0(P,X)47-AG-105,,TTY/DEN,,PHY) |
| D0166.007 | (47-AG-0(P,X)47-AG-106-M,,TTY,,TM) | (47-AG-0(P,X)47-AG-106-M,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0167.002 | (83-BI-209(A,2N)85-AT-211,,TTY,,DT) | (Delete) | Confused information. According to the text EOB activity, according to the figure (PHY). EOB is more probable extrapolated linearly to 1 h irradiation.  [Definition unclear.] | D121 |
| D0167.003 | (83-BI-209(A,3N)85-AT-210,,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| D0198.002 | (80-HG-0(P,X)81-TL-199,,TTY,,TM) | (80-HG-0(P,X)81-TL-199,,TTY/DEN,,PHY) | Appropriate information is given.  [Data published by the Milano group.] | D121 |
| D0198.003 | (80-HG-0(P,X)81-TL-200,,TTY,,TM) | (80-HG-0(P,X)81-TL-200,,TTY/DEN,,PHY) |
| D0198.004 | (80-HG-0(P,X)81-TL-201,,TTY,,TM) | (80-HG-0(P,X)81-TL-201,,TTY/DEN,,PHY) |
| D0198.005 | (80-HG-0(P,X)81-TL-202,,TTY,,TM) | (80-HG-0(P,X)81-TL-202,,TTY/DEN,,PHY) |
| D0198.006 | (80-HG-0(P,X)81-TL-200,,TTY,,DT) | (Move to ADD-RES of 001) | Appropriate information is given.  Activity was extrapolated to 1 h irradiation.  [EOB yield without irradiation time specification. 1-hr EOB yield?] |
| D0198.007 | (80-HG-0(P,X)81-TL-201,,TTY,,DT) | (Move to ADD-RES of 001) |
| D0198.008 | (80-HG-0(P,X)81-TL-202,,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D0206.002 | (82-PB-0(P,X)83-BI-205,,TTY,,TM) | (82-PB-0(P,X)83-BI-205,,TTY/DEN,,PHY) | Appropriate information is given.  [Data published by the Milano group.] | D121 |
| D0206.003 | (82-PB-0(P,X)83-BI-206,,TTY,,TM) | (82-PB-0(P,X)83-BI-206,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0209.002 | (76-OS-0(A,X)78-PT-188,,TTY,,TM) | (76-OS-0(A,X)78-PT-188,,TTY/DEN,,PHY) | Appropriate information is given.  [Data published by the Milano group.] | D121 |
| D0209.003 | (76-OS-0(A,X)78-PT-189,,TTY,,TM) | (76-OS-0(A,X)78-PT-189,,TTY/DEN,,PHY) |
| D0209.004 | (76-OS-0(A,X)78-PT-191,,TTY,,TM) | (76-OS-0(A,X)78-PT-191,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0260.002 | (29-CU-0(P,X)30-ZN-65,,TTY,,TM) | (29-CU-0(P,X)30-ZN-65,,TTY/DEN,,PHY) | Appropriate information is given.  [Data published by the Milano group.] | D121 |
| D0260.003 | (29-CU-0(P,X)27-CO-57,,TTY,,TM) | (29-CU-0(P,X)27-CO-57,,TTY/DEN,,PHY) |
| D0260.004 | (29-CU-0(P,X)27-CO-58,,TTY,,TM) | (29-CU-0(P,X)27-CO-58,,TTY/DEN,,PHY) |
| D0260.005 | (26-FE-0(P,X)27-CO-56,,TTY,,TM) | (26-FE-0(P,X)27-CO-56,,TTY/DEN,,PHY) |
| D0260.006 | (26-FE-0(P,X)27-CO-57,,TTY,,TM) | (26-FE-0(P,X)27-CO-57,,TTY/DEN,,PHY) |
| D0260.007 | (26-FE-0(P,X)25-MN-52,,TTY,,TM) | (26-FE-0(P,X)25-MN-52,,TTY/DEN,,PHY) |
| D0260.008 | (26-FE-0(P,X)25-MN-54,,TTY,,TM) | (26-FE-0(P,X)25-MN-54,,TTY/DEN,,PHY) |
| D0260.009 | (30-ZN-0(P,X)30-ZN-65,,TTY,,TM) | (30-ZN-0(P,X)30-ZN-65,,TTY/DEN,,PHY) |
| D0260.010 | (30-ZN-0(P,X)31-GA-66,,TTY,,TM) | (30-ZN-0(P,X)31-GA-66,,TTY/DEN,,PHY) |
| D0260.011 | (30-ZN-0(P,X)31-GA-67,,TTY,,TM) | (30-ZN-0(P,X)31-GA-67,,TTY/DEN,,PHY) |
| D0260.012 | (23-V-0(P,X)23-V-48,,TTY,,TM) | (23-V-0(P,X)23-V-48,,TTY/DEN,,PHY) |
| D0260.013 | (23-V-0(P,X)21-SC-47,,TTY,,TM) | (23-V-0(P,X)21-SC-47,,TTY/DEN,,PHY) |
| D0260.014 | (23-V-0(P,X)21-SC-46,,TTY,,TM) | (23-V-0(P,X)21-SC-46,,TTY/DEN,,PHY) |
| D0260.015 | (23-V-0(P,X)24-CR-51,,TTY,,TM) | (23-V-0(P,X)24-CR-51,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0303.002 | (28-NI-0(P,X)27-CO-55,IND,TTY,,PHY/MSC) | (Move to ADD-RES of 001) | [EOB yield without irradiation time specification. 1-hr EOB yield?] | D121 |
| D0303.004 | (28-NI-0(P,X)27-CO-56,IND,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D0303.006 | (28-NI-0(P,X)27-CO-57,IND,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D0303.008 | (28-NI-0(P,X)27-CO-58,IND,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D0303.010 | (28-NI-0(P,X)28-NI-56,IND,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D0303.012 | (28-NI-0(P,X)28-NI-57,IND,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D0303.014 | (47-AG-0(P,X)48-CD-107,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D0303.015 | (47-AG-0(P,X)48-CD-109,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D0303.016 | (47-AG-0(P,X)47-AG-106-M,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D0357.012 | (58-CE-140(P,2N)59-PR-139,,TTY,,DT) | (58-CE-OXI(P,X)59-PR-139,,TTY,,PHY) | PHY is given,  [Directly measured physical yield for a CeO2 target. Confirmed by Steyn (2019-07-10)] | D121 |
| D0357.013 | (58-CE-140(P,3N)59-PR-138-M,,TTY,,DT) | (58-CE-OXI(P,X)59-PR-138-M,,TTY,,PHY) |
| D0357.014 | (58-CE-142(P,N)59-PR-142,,TTY,,DT) | (58-CE-OXI(P,X)59-PR-142,,TTY,,PHY) |
|  |  |  |  |  |
| D0362.005 | (92-U-236(P,2N)93-NP-235,,TTY,,DT) | (Delete) | No details are provided for the experimental yield.  [Yields derived from the excitation functions of own experiments + literature. c.f. Fig.1] | D121 |
| D0362.006 | (92-U-236(P,N)93-NP-236-M,,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| D0371.011 | (93-NP-237(HE3,X)94-PU-237,,TTY,,DT) | (Delete) | No details are provided for the experimental yield.  [Definition not clear.] | D121 |
|  |  |  |  |  |
| D0380.009 | (74-W-186(P,N)75-RE-186,,TTY,,DT) | (Move to ADD-RES of 001) | [EOB yield without irradiation time specification. 1-hr EOB yield?] | D121 |
|  |  |  |  |  |
| D0397.005 | (47-AG-0(P,X)46-PD-103,CUM,TTY,,DT) | (Delete) | Activity at 3 days after EOB normalized to uAh is given.  [Yield 3 days after EOB in uCi/uAh.] | D121 |
| D0397.006 | (47-AG-0(P,X)46-PD-101,CUM,TTY,,DT) | (Delete) |
| D0397.007 | (47-AG-0(P,X)46-PD-100,CUM,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| D0413.002 | (83-BI-209(A,2N)85-AT-211,,TTY,,DT) | (83-BI-209(A,2N)85-AT-211,,TTY,,(PHY)) | The provided equation results in EOB activity, compared with PHY literature data. No irradiation time information is given. | D121 |
| D0413.003 | (83-BI-209(A,3N)85-AT-210,,TTY,,DT) | (83-BI-209(A,3N)85-AT-210,,TTY,,(PHY)) |
|  |  |  |  |  |
| D0456.003 | (45-RH-103(P,N)46-PD-103,,TTY,,PHY) | (Delete) | [Duplication of C1596] | D112 |
|  |  |  |  |  |
| D0479.002 | (30-ZN-68(P,2N)31-GA-67,,TTY,,DT) | (30-ZN-68(P,2N)31-GA-67,,TTY,,(PHY)) | No information is given on the yield calculation => (PHY).  [slv@ansto.gov.au no longer valid.] | D121 |
| D0479.003 | (30-ZN-68(P,3N)31-GA-66,,TTY,,DT) | (30-ZN-68(P,3N)31-GA-66,,TTY,,(PHY)) |
| D0479.004 | (30-ZN-68(P,N+A)29-CU-64,,TTY,,DT) | (30-ZN-68(P,N+A)29-CU-64,,TTY,,(PHY)) |
| D0479.005 | (30-ZN-68(P,2P)29-CU-67,,TTY,,DT) | (30-ZN-68(P,2P)29-CU-67,,TTY,,(PHY)) |
| D0479.006 | (28-NI-0(P,X)28-NI-57,,TTY,,DT) | (28-NI-0(P,X)28-NI-57,,TTY,,(PHY)) |
| D0479.007 | (28-NI-0(P,X)27-CO-55,,TTY,,DT) | (28-NI-0(P,X)27-CO-55,,TTY,,(PHY)) |
| D0479.008 | (28-NI-0(P,X)27-CO-56,,TTY,,DT) | (28-NI-0(P,X)27-CO-56,,TTY,,(PHY)) |
| D0479.009 | (28-NI-0(P,X)27-CO-57,,TTY,,DT) | (28-NI-0(P,X)27-CO-57,,TTY,,(PHY)) |
| D0479.010 | (28-NI-0(P,X)27-CO-58,,TTY,,DT) | (28-NI-0(P,X)27-CO-58,,TTY,,(PHY)) |
| D0479.011 | (28-NI-0(P,X)29-CU-61,,TTY,,DT) | (28-NI-0(P,X)29-CU-61,,TTY,,(PHY)) |
| D0479.012 | (28-NI-0(P,X)29-CU-64,,TTY,,DT) | (28-NI-0(P,X)29-CU-64,,TTY,,(PHY)) |
| D0479.013 | (29-CU-0(P,X)30-ZN-65,,TTY,,DT) | (29-CU-0(P,X)30-ZN-65,,TTY,,(PHY)) |
| D0479.014 | (29-CU-0(P,X)30-ZN-62,,TTY,,DT) | (29-CU-0(P,X)30-ZN-62,,TTY,,(PHY)) |
| D0479.015 | (29-CU-0(P,X)29-CU-64,,TTY,,DT) | (29-CU-0(P,X)29-CU-64,,TTY,,(PHY)) |
| D0479.016 | (29-CU-0(P,X)29-CU-61,,TTY,,DT) | (29-CU-0(P,X)29-CU-61,,TTY,,(PHY)) |
|  |  |  |  |  |
| D0482.002 | (83-BI-209(A,2N)85-AT-211,,TTY,,DT) | (83-BI-209(A,2N)85-AT-211,,TTY,,PHY) | No information is given on the yield calculation, but this group provides generally proper TTY data => PHY.  [Data published by the Milano group. [enzo.menapace@unibo.it](mailto:enzo.menapace@unibo.it) no longer valid.] | D121 |
|  |  |  |  |  |
| D0494.002 | (83-BI-209(A,2N)85-AT-211,,TTY,,DT) | (Delete) | Set-up dependent activity at EOB.  [Delete.] | D121 |
| D0494.003 | (83-BI-209(A,2N)85-AT-211,,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| D0495.002 | (5-B-10(P,N)6-C-10,,TTY,,SAT) | Ok |  |  |
| D0495.003 | (5-B-11(P,N)6-C-11,,TTY,,SAT) | Ok |  |  |
| D0495.004 | (7-N-14(P,A)6-C-11,,TTY,,SAT) | Ok |  |  |
| D0495.005 | (6-C-13(P,N)7-N-13,,TTY,,SAT) | Ok |  |  |
| D0495.006 | (8-O-16(P,A)7-N-13,,TTY,,SAT) | Ok |  |  |
| D0495.007 | (7-N-14(P,N)8-O-14,,TTY,,SAT) | Ok |  |  |
| D0495.008 | (7-N-15(P,N)8-O-15,,TTY,,SAT) | Ok |  |  |
| D0495.009 | (9-F-19(P,N+A)8-O-15,,TTY,,SAT) | Ok |  |  |
| D0495.010 | (10-NE-20(P,A)9-F-17,,TTY,,SAT) | Ok |  |  |
| D0495.011 | (8-O-18(P,N)9-F-18,,TTY,,SAT) | Ok |  |  |
| D0495.012 | (14-SI-30(P,N)15-P-30,,TTY,,SAT) | Ok |  |  |
| D0495.013 | (16-S-34(P,N)17-CL-34-M,,TTY,,SAT) | Ok |  |  |
| D0495.014 | (18-AR-38(P,N)19-K-38-G,,TTY,,SAT) | Ok |  |  |
| D0495.015 | (20-CA-43(P,N)21-SC-43,,TTY,,SAT) | Ok |  |  |
| D0495.016 | (20-CA-44(P,N)21-SC-44-M,,TTY,,SAT) | Ok |  |  |
| D0495.017 | (20-CA-44(P,N)21-SC-44-G,,TTY,,SAT) | Ok |  |  |
| D0495.018 | (20-CA-48(P,N)21-SC-48,,TTY,,SAT) | Ok |  |  |
| D0495.019 | (21-SC-45(P,N)22-TI-45,,TTY,,SAT) | Ok |  |  |
| D0495.020 | (22-TI-47(P,N)23-V-47,,TTY,,SAT) | Ok |  |  |
| D0495.021 | (22-TI-48(P,N)23-V-48,,TTY,,SAT) | Ok |  |  |
| D0495.022 | (23-V-51(P,N)24-CR-51,,TTY,,SAT) | Ok |  |  |
| D0495.023 | (26-FE-54(P,A)25-MN-51,,TTY,,SAT) | Ok |  |  |
| D0495.024 | (24-CR-52(P,N)25-MN-52-M,,TTY,,SAT) | Ok |  |  |
| D0495.025 | (24-CR-52(P,N)25-MN-52-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.026 | (24-CR-54(P,N)25-MN-54,,TTY,,SAT) | Ok |  |  |
| D0495.027 | (26-FE-54(P,N)27-CO-54-M,,TTY,,SAT) | Ok |  |  |
| D0495.028 | (28-NI-58(P,A)27-CO-55,,TTY,,SAT) | Ok |  |  |
| D0495.029 | (26-FE-56(P,N)27-CO-56,,TTY,,SAT) | Ok |  |  |
| D0495.030 | (26-FE-57(P,N)27-CO-57,,TTY,,SAT) | Ok |  |  |
| D0495.031 | (28-NI-60(P,A)27-CO-57,,TTY,,SAT) | Ok |  |  |
| D0495.032 | (26-FE-58(P,N)27-CO-58,,TTY,,SAT) | Ok |  |  |
| D0495.033 | (28-NI-60(P,N)29-CU-60,,TTY,,SAT) | Ok |  |  |
| D0495.034 | (28-NI-61(P,N)29-CU-61,,TTY,,SAT) | Ok |  |  |
| D0495.035 | (30-ZN-64(P,A)29-CU-61,,TTY,,SAT) | Ok |  |  |
| D0495.036 | (28-NI-62(P,N)29-CU-62,,TTY,,SAT) | Ok |  |  |
| D0495.037 | (28-NI-64(P,N)29-CU-64,,TTY,,SAT) | Ok |  |  |
| D0495.038 | (29-CU-63(P,N)30-ZN-63,,TTY,,SAT) | Ok |  |  |
| D0495.039 | (29-CU-65(P,N)30-ZN-65,,TTY,,SAT) | Ok |  |  |
| D0495.040 | (30-ZN-64(P,N)31-GA-64,,TTY,,SAT) | Ok |  |  |
| D0495.041 | (30-ZN-66(P,N)31-GA-66,,TTY,,SAT) | Ok |  |  |
| D0495.042 | (30-ZN-67(P,N)31-GA-67,,TTY,,SAT) | Ok |  |  |
| D0495.043 | (30-ZN-68(P,N)31-GA-68,,TTY,,SAT) | Ok |  |  |
| D0495.044 | (31-GA-69(P,N)32-GE-69,,TTY,,SAT) | Ok |  |  |
| D0495.045 | (32-GE-70(P,N)33-AS-70,,TTY,,SAT) | Ok |  |  |
| D0495.046 | (32-GE-72(P,N)33-AS-72,,TTY,,SAT) | Ok |  |  |
| D0495.047 | (32-GE-73(P,N)33-AS-73,,TTY,,SAT) | Ok |  |  |
| D0495.048 | (32-GE-74(P,N)33-AS-74,,TTY,,SAT) | Ok |  |  |
| D0495.049 | (32-GE-76(P,N)33-AS-76,,TTY,,SAT) | Ok |  |  |
| D0495.050 | (36-KR-78(P,A)35-BR-75,,TTY,,SAT) | Ok |  |  |
| D0495.051 | (34-SE-76(P,N)35-BR-76,,TTY,,SAT) | Ok |  |  |
| D0495.052 | (34-SE-77(P,N)35-BR-77,,TTY,,SAT) | Ok |  |  |
| D0495.053 | (34-SE-80(P,N)35-BR-80-M,,TTY,,SAT) | Ok |  |  |
| D0495.054 | (34-SE-82(P,N)35-BR-82-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.055 | (36-KR-82(P,N)37-RB-82-M,,TTY,,SAT) | Ok |  |  |
| D0495.056 | (36-KR-83(P,N)37-RB-83,,TTY,,SAT) | Ok |  |  |
| D0495.057 | (36-KR-84(P,N)37-RB-84-M,,TTY,,SAT) | Ok |  |  |
| D0495.058 | (36-KR-84(P,N)37-RB-84,,TTY,,SAT) | Ok |  |  |
| D0495.059 | (36-KR-86(P,N)37-RB-86,,TTY,,SAT) | Ok |  |  |
| D0495.060 | (38-SR-84(P,N)39-Y-84-G,,TTY,,SAT) | Ok |  |  |
| D0495.061 | (38-SR-86(P,N)39-Y-86,,TTY,,SAT) | Ok |  |  |
| D0495.062 | (38-SR-87(P,N)39-Y-87-M,,TTY,,SAT) | Ok |  |  |
| D0495.063 | (38-SR-87(P,N)39-Y-87-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.064 | (38-SR-88(P,N)39-Y-88,,TTY,,SAT) | Ok |  |  |
| D0495.065 | (39-Y-89(P,N)40-ZR-89-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.066 | (40-ZR-90(P,N)41-NB-90,,TTY,,SAT) | Ok |  |  |
| D0495.067 | (40-ZR-92(P,N)41-NB-92-M,,TTY,,SAT) | Ok |  |  |
| D0495.068 | (40-ZR-96(P,N)41-NB-96,,TTY,,SAT) | Ok |  |  |
| D0495.069 | (41-NB-93(P,N)42-MO-93-M,,TTY,,SAT) | Ok |  |  |
| D0495.070 | (42-MO-92(P,N)43-TC-92,,TTY,,SAT) | Ok |  |  |
| D0495.071 | (42-MO-94(P,N)43-TC-94-G,,TTY,,SAT) | Ok |  |  |
| D0495.072 | (42-MO-95(P,N)43-TC-95-M,,TTY,,SAT) | Ok |  |  |
| D0495.073 | (42-MO-96(P,N)43-TC-96-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.074 | (44-RU-96(P,N)45-RH-96-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.075 | (44-RU-98(P,N)45-RH-98-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.076 | (44-RU-99(P,N)45-RH-99-M,,TTY,,SAT) | Ok |  |  |
| D0495.077 | (44-RU-99(P,N)45-RH-99-G,,TTY,,SAT) | Ok |  |  |
| D0495.078 | (44-RU-100(P,N)45-RH-100-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.079 | (44-RU-101(P,N)45-RH-101-M,,TTY,,SAT) | Ok |  |  |
| D0495.080 | (44-RU-102(P,N)45-RH-102-G,,TTY,,SAT) | Ok |  |  |
| D0495.081 | (47-AG-107(P,N)48-CD-107,,TTY,,SAT) | Ok |  |  |
| D0495.082 | (47-AG-109(P,N)48-CD-109,,TTY,,SAT) | Ok |  |  |
| D0495.083 | (48-CD-110(P,N)49-IN-110-M,,TTY,,SAT) | Ok |  |  |
| D0495.084 | (48-CD-111(P,N)49-IN-111,,TTY,,SAT) | Ok |  |  |
| D0495.085 | (48-CD-112(P,N)49-IN-112-M,,TTY,,SAT) | Ok |  |  |
| D0495.086 | (49-IN-113(P,INL)49-IN-113-M,,TTY,,SAT) | Ok |  |  |
| D0495.087 | (48-CD-113(P,N)49-IN-113-M,,TTY,,SAT) | Ok |  |  |
| D0495.088 | (48-CD-114(P,N)49-IN-114-M,,TTY,,SAT) | Ok |  |  |
| D0495.089 | (49-IN-115(P,INL)49-IN-115-M,,TTY,,SAT) | Ok |  |  |
| D0495.090 | (49-IN-113(P,N)50-SN-113-M,,TTY,,SAT) | Ok |  |  |
| D0495.091 | (50-SN-116(P,N)51-SB-116-M,,TTY,,SAT) | Ok |  |  |
| D0495.092 | (50-SN-116(P,N)51-SB-116-G,,TTY,,SAT) | Ok |  |  |
| D0495.093 | (50-SN-117(P,N)51-SB-117,,TTY,,SAT) | Ok |  |  |
| D0495.094 | (50-SN-118(P,N)51-SB-118-M,,TTY,,SAT) | Ok |  |  |
| D0495.095 | (50-SN-120(P,N)51-SB-120-M,,TTY,,SAT) | Ok |  |  |
| D0495.096 | (50-SN-122(P,N)51-SB-122,,TTY,,SAT) | Ok |  |  |
| D0495.097 | (50-SN-124(P,N)51-SB-124-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.098 | (51-SB-121(P,N)52-TE-121-M,,TTY,,SAT) | Ok |  |  |
| D0495.099 | (51-SB-121(P,N)52-TE-121-G,,TTY,,SAT) | Ok |  |  |
| D0495.100 | (51-SB-123(P,N)52-TE-123-M,,TTY,,SAT) | Ok |  |  |
| D0495.101 | (52-TE-124(P,N)53-I-124,,TTY,,SAT) | Ok |  |  |
| D0495.102 | (52-TE-126(P,N)53-I-126,,TTY,,SAT) | Ok |  |  |
| D0495.103 | (52-TE-130(P,N)53-I-130-G,M+,TTY,,SAT) | Ok |  |  |
| D0495.104 | (53-I-127(P,N)54-XE-127-M,,TTY,,SAT) | Ok |  |  |
| D0495.105 | (53-I-127(P,N)54-XE-127,,TTY,,SAT) | Ok |  |  |
| D0495.106 | (57-LA-139(P,N)58-CE-139,,TTY,,SAT) | Ok |  |  |
|  |  |  |  |  |
| D0496.002 | (48-CD-0(D,X)49-IN-111,,TTY,,DT) | (48-CD-0(D,X)49-IN-111,,TTY,,(PHY),DERIV) | No information is given for the yield calculation.  [Derived from measured excitation function.] | D121 |
| D0496.003 | (48-CD-0(D,X)49-IN-114,,TTY,,DT) | (48-CD-0(D,X)49-IN-114,,TTY,,(PHY),DERIV) |
| D0496.004 | (48-CD-0(P,X)49-IN-114,,TTY,,DT) | (48-CD-0(P,X)49-IN-114,,TTY,,(PHY),DERIV) |
| D0496.005 | (48-CD-0(P,X)49-IN-114,,TTY,,DT) | (48-CD-0(P,X)49-IN-114,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| D0497.002 | (52-TE-124(D,2N)53-I-124,,TTY,,TM) | (52-TE-124(D,2N)53-I-124,,TTY/DEN,,PHY) | No information is given for the yield calculation. | D121 |
| D0497.003 | (52-TE-124(D,3N)53-I-123,,TTY,,TM) | (52-TE-124(D,3N)53-I-123,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| D0502.010 | (52-TE-0(P,X)53-I-123,,TTY,,PHY,DERIV) | Ok |  |  |
| D0502.011 | (52-TE-0(P,X)53-I-124,,TTY,,PHY,DERIV) | Ok |  |  |
| D0502.012 | (52-TE-0(P,X)53-I-125,,TTY,,PHY,DERIV) | Ok |  |  |
| D0502.013 | (52-TE-0(P,X)53-I-126,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D0507.004 | (50-SN-0(P,X)50-SN-117-M,,TTY,,DT,DERIV) | (50-SN-0(P,X)50-SN-117-M,,TTY,,(PHY),DERIV) | A proper general equation is given. Details of the calculation is not included.  [Physical thick target yield divided by [1-exp(-lambda\*tirr)] with tirr=45 min (M.U.Khandaker, 2019-07-11).] | D121 |
| D0507.013 | (50-SN-0(P,X)51-SB-117,,TTY,,DT,DERIV) | (50-SN-0(P,X)51-SB-117,,TTY,,(PHY),DERIV) |
| D0507.014 | (50-SN-0(P,X)51-SB-118-M,,TTY,,DT,DERIV) | (50-SN-0(P,X)51-SB-118-M,,TTY,,(PHY),DERIV) |
| D0507.015 | (50-SN-0(P,X)49-IN-111,,TTY,,DT,DERIV) | (50-SN-0(P,X)49-IN-111,,TTY,,(PHY),DERIV) |
| D0507.016 | (50-SN-0(P,X)51-SB-120-M,,TTY,,DT,DERIV) | (50-SN-0(P,X)51-SB-120-M,,TTY,,(PHY),DERIV) |
| D0507.017 | (50-SN-0(P,X)51-SB-122,,TTY,,DT,DERIV) | (50-SN-0(P,X)51-SB-122,,TTY,,(PHY),DERIV) |
| D0507.018 | (50-SN-0(P,X)49-IN-110,,TTY,,DT,DERIV) | (50-SN-0(P,X)49-IN-110,,TTY,,(PHY),DERIV) |
| D0507.019 | (50-SN-0(P,X)51-SB-124,,TTY,,DT,DERIV) | (50-SN-0(P,X)51-SB-124,,TTY,,(PHY),DERIV) |
| D0507.020 | (50-SN-0(P,X)49-IN-114-M,,TTY,,DT,DERIV) | (50-SN-0(P,X)49-IN-114-M,,TTY,,(PHY,DERIV) |
| D0507.021 | (50-SN-0(P,X)50-SN-113,,TTY,,DT,DERIV) | (50-SN-0(P,X)50-SN-113,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| D0515.002 | (52-TE-125(P,2N)53-I-124,,TTY,,DT) | (Delete) | [Saturation yield in mCi/uA-hr which is not acceptable.] | D121 |
|  |  |  |  |  |
| D0538.002 | (30-ZN-0(P,X)31-GA-67,,TTY,,DT) | (Delete) | Proper equation is given  [The relations between AEOB, ASAT and Y in Table 1 are not traceable.] | D121 |
|  |  |  |  |  |
| D0543.002 | (38-SR-0(P,X)39-Y-86,,TTY,,DT) | (Move to ADD-RES of 001) | EOB activity is given in tables. TIME-IRRD heading is included with 1h value.  [EOB yield without irradiation time specification. 1-hr EOB yield?] | D121 |
| D0543.003 | (38-SR-86(P,N)39-Y-86,,TTY,,DT,DERIV) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D0547.004 | (28-NI-64(D,2N)29-CU-64,,TTY,,DT) | (28-NI-64(D,2N)29-CU-64,,TTY,,(PHY),DERIV) | No details are given, but the careful data handling provides appropriate PHY data.  [Calculated from a fit to their new data points.] | D121 |
|  |  |  |  |  |
| D0548.003 | (76-OS-192(HE3,4N)78-PT-191,,TTY,,DT,DERIV) | (76-OS-192(HE3,4N)78-PT-191,,TTY,,EOB,DERIV) | EOB activity is calculated for 1h 1uA irradiation. TIME-IRRD heading is included  [Qaim is the first author.  Add TIME-IRRD=1 hr.  MBQ/MUAHR -> MBQ/MUA.]. | D121 |
|  |  |  |  |  |
| D0556.002 | (47-AG-0(P,N)48-CD-109,,TTY,,DT) | (Move to ADD-RES of 001) | No information is provided on yield calculation. Converted data unit was corrected MCI/MUAHR to MUCI/MAHR  [EOB yield without irradiation time specification. 1-hr EOB yield?] | D121 |
| D0556.003 | (47-AG-109(P,N)48-CD-109,,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D0562.003 | (91-PA-231(P,2N)92-U-230,,TTY,,DT) | (91-PA-OXI(P,X)92-U-230,,TTY,,(PHY)) | Oxide target was used. Not clear if the given yield value was corrected for the target composition. | D121 |
|  |  |  |  |  |
| D0568.007 | (34-SE-77(P,3N)35-BR-75,,TTY,,DT,DERIV) | (34-SE-77(P,3N)35-BR-75,,TTY,,EOB,DERIV) | Yield was calculated from the exp cross section. No more information was provided.  [Add “Ingo Sphan (2019-07-11): 1-hr EOB yields are given” under COMMENT. Use MBQ/MUA instead of MBQ/MUAHR.]. | D121 |
| D0568.008 | (34-SE-78(P,4N)35-BR-75,,TTY,,DT,DERIV) | (34-SE-78(P,4N)35-BR-75,,TTY,,EOB,DERIV) |
| D0568.009 | (34-SE-77(P,2N)35-BR-76,,TTY,,DT,DERIV) | (34-SE-77(P,2N)35-BR-76,,TTY,,EOB,DERIV) |
| D0568.010 | (34-SE-78(P,3N)35-BR-76,,TTY,,DT,DERIV) | (34-SE-78(P,3N)35-BR-76,,TTY,,EOB,DERIV) |
| D0568.011 | (34-SE-80(P,5N)35-BR-76,,TTY,,DT,DERIV) | (34-SE-80(P,5N)35-BR-76,,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| D0584.005 | (39-Y-89(P,N)40-ZR-89,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D0588.003 | (76-OS-192(P,X)75-RE-186,,TTY,,DT,DERIV) | (76-OS-192(P,X)75-RE-186,,TTY,,(PHY),DERIV) | Yield was calculated from the exp cross section. No additional information was provided on the yield calculation. | D121 |
|  |  |  |  |  |
| D0623.002 | (74-W-0(P,X)75-RE-186-G,,TTY,,PHY) | Ok |  |  |
| D0623.003 | (74-W-186(P,N)75-RE-186-G,,TTY,,PHY) | Ok |  |  |
| D0623.004 | (74-W-0(D,X)75-RE-186-G,,TTY,,PHY) | Ok |  |  |
| D0623.005 | (74-W-186(D,2N)75-RE-186-G,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0629.009 | (41-NB-93(P,X)40-ZR-88,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0632.005 | (25-MN-55(P,N)26-FE-55,,TTY,,PHY,DERIV) | Ok |  |  |
| D0632.006 | (25-MN-55(P,X)25-MN-54,,TTY,,PHY,DERIV) | Ok |  |  |
| D0632.007 | (25-MN-55(P,X)24-CR-51,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D0656.002 | (45-RH-103(P,3N)46-PD-101,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0657.002 | (69-TM-169(P,N)70-YB-169,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0661.002 | (45-RH-103(P,N)46-PD-103,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0662.002 | (28-NI-0(P,X)29-CU-64,,TTY,,PHY) | (28-NI-0(P,X)29-CU-64,,TTY,,EOB) | Data clearly refer to 1h irradiation. TIME-IRRD with 1h was introduced  [Add TIME-IRRD=1 hr. c.f. Table 2.] | D121 |
| D0662.003 | (28-NI-0(P,X)29-CU-64,,TTY,,PHY) | (28-NI-0(P,X)29-CU-64,,TTY,,EOB) |
| D0662.004 | (28-NI-0(P,X)29-CU-61,,TTY,,PHY) | (28-NI-0(P,X)29-CU-61,,TTY,,EOB) |
| D0662.005 | (28-NI-0(P,X)27-CO-55,,TTY,,PHY) | (28-NI-0(P,X)27-CO-55,,TTY,,EOB) |
| D0662.006 | (28-NI-0(P,X)27-CO-57,,TTY,,PHY) | (28-NI-0(P,X)27-CO-57,,TTY,,EOB) |
| D0662.007 | (28-NI-0(P,X)27-CO-58,,TTY,,PHY) | (28-NI-0(P,X)27-CO-58,,TTY,,EOB) |
| D0662.008 | (28-NI-0(P,X)28-NI-57,,TTY,,PHY) | (28-NI-0(P,X)28-NI-57,,TTY,,EOB) |
|  |  |  |  |  |
| D0663.002 | (30-ZN-68(P,X)31-GA-68,,TTY,,PHY) | (Move to ADD-RES of 001) | Data clearly refer to 1h irradiation. TIME-IRRD with 1h was introduced.  [EOB yield without irradiation time specification. 1-hr EOB yield?] | D121 |
| D0663.003 | (30-ZN-68(P,X)31-GA-67,,TTY,,PHY) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D0664.002 | (41-NB-93(P,X)42-MO-93-M,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0665.002 | (74-W-0(P,X)75-RE-186,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0666.002 | (50-SN-0(P,X)51-SB-122,,TTY,,PHY) | Ok |  |  |
| D0666.003 | (50-SN-0(P,X)51-SB-120-M,,TTY,,PHY) | Ok |  |  |
| D0666.004 | (50-SN-0(P,X)51-SB-118-M,,TTY,,PHY) | Ok |  |  |
| D0666.005 | (50-SN-0(P,X)51-SB-117,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0667.002 | (50-SN-0(P,X)51-SB-122,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0668.002 | (38-SR-0(P,X)39-Y-88,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0689.002 | (25-MN-55(P,N)26-FE-55,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0690.002 | (22-TI-0(P,X)23-V-48,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0693.003.1 | (47-AG-0(D,X)48-CD-109,,TTY,,PHY,DERIV) | Ok |  |  |
| D0693.003.2 | (47-AG-0(D,X)48-CD-109,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0699.003 | (23-V-51(P,N)24-CR-51,,TTY,,(PHY)) | Ok |  |  |
| D0699.004 | (23-V-51(D,2N)24-CR-51,,TTY,,(PHY)) | Ok |  |  |
|  |  |  |  |  |
| D0721.002 | (26-FE-0(P,X)27-CO-55,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0765.002 | (68-ER-0(P,X)69-TM-167,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0780.002 | (48-CD-0(P,X)49-IN-110-M,,TTY,,PHY) | Ok |  |  |
| D0780.003 | (48-CD-0(P,X)49-IN-110-G,,TTY,,PHY) | Ok |  |  |
| D0780.004 | (48-CD-110(P,X)49-IN-110-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D0780.005 | (48-CD-110(P,X)49-IN-110-G,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D0785.002 | (48-CD-0(P,X)49-IN-110-M,,TTY,,PHY) | Ok |  |  |
| D0785.003 | (48-CD-0(D,X)49-IN-110-G,,TTY,,PHY) | Ok |  |  |
| D0785.004 | (48-CD-0(D,X)49-IN-111,,TTY,,PHY) | Ok |  |  |
| D0785.005 | (48-CD-0(D,X)49-IN-114-M,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D0786.002 | (24-CR-0(P,X)25-MN-52-G,M+,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D4004.005.1 | (30-ZN-66(P,N)31-GA-66,,TTY,,DT) | (30-ZN-66(P,N)31-GA-66,,TTY,,PHY) | Experimental data point are given in figure.  [Yield in MBq/C] | D121 |
| D4004.005.2 | (30-ZN-68(P,2N)31-GA-67,,TTY,,DT) | (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY) |
|  |  |  |  |  |
| D4005.002 | (52-TE-123(P,N)53-I-123,,TTY,,DT) | (Move to ADD-RES of 001) | EOB yield is given in unit of mCi/uAh. Irradiation was done at 30 and 40 min 200nA. TIME-IRRD was coded. Yield data refer to oxide target.  [EOB yield without irradiation time specification. 1-hr EOB yield?] | D121 |
| D4005.003 | (52-TE-123(P,N)53-I-123,,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D4007.003 | (17-CL-35(A,N)19-K-38,,TTY,,,DERIV) | (17-CL-35(A,N)19-K-38,,TTY,,SAT,DERIV) | SATuration yield data is published | D121 |
|  |  |  |  |  |
| D4009.002 | (36-KR-0(P,X)37-RB-82-M,,TTY,,DT) | (36-KR-0(P,X)37-RB-82-M,,TTY,,EOB) | If we consider 50mCi as 2h-10 uA yield at EOB, the corresponding 1h-1uA yield is 2.7 Ci, and physical yield is 2.9 Ci. | D114 |
|  |  |  |  |  |
| D4029.004 | (54-XE-124(P,X)53-I-123,CUM,TTY,,DT) | (Delete) | Short irradiation approximation is used. Data refer to 6.6h after EOB at the max of the 123I activity.  [Energy differential yield 6.6 hr after EOB] | D121 |
|  |  |  |  |  |
| D4034.002 | (79-AU-197(HE3,3N)81-TL-197,,TTY,,DT) | (79-AU-197(HE3,3N)81-TL-197,,TTY,,EOB) | 1h 1uA irradiation data at EOB was supposed.  [Add TIME-IRRD=1 hr following COMMENT. MUCI/MUAHR -> MUCI/MUA] | D121 |
|  |  |  |  |  |
| D4035.002 | (54-XE-0(P,X)53-I-123,CUM,TTY,,TM) | (Delete) | Short irradiation approximation is used. Data refer to 6.6h after EOB at the max of the 123I activity.  [Energy differential yield 6.6 hr after EOB] | D121 |
| D4035.003 | (54-XE-0(P,X)53-I-123,CUM,TTY,,TM/MSC) | (Delete) |
| D4035.004.1 | (54-XE-0(D,X)53-I-123,CUM,TTY,,TM) | (Delete) |
| D4035.004.2 | (54-XE-0(D,X)54-XE-123,CUM,TTY,,TM) | (Delete) |
|  |  |  |  |  |
| D4047.004 | (52-TE-123(D,2N)53-I-123,,TTY,,DT) | (52-TE-123(D,2N)53-I-123,,TTY,,(PHY),DERIV) | PHY calculated from cross section. | D118 |
| D4047.005 | (52-TE-123(D,N)53-I-124,,TTY,,DT) | (52-TE-123(D,N)53-I-124,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| D4055.006 | (62-SM-144(A,N)64-GD-147,,TTY,,DT) | (Move to ADD-RES of 001) | TTY calculated from cross section.  [EOB yield without irradiation time specification. 1-hr EOB yield?] | D121 |
| D4055.007 | (62-SM-147(HE3,X)64-GD-147,,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D4056.006 | (28-NI-0(D,X)29-CU-64,,TTY,,DT) | (28-NI-0(D,X)29-CU-64,,TTY,,PHY) | No explanation is given for the yield calculation. Not sure if it was PHY.  [Adopt yields in GBq/C which is a strong indication of PHY yield.] | D121 |
| D4056.007 | (28-NI-64(D,2N)29-CU-64,,TTY,,DT/A) | (28-NI-64(D,2N)29-CU-64,,TTY,,PHY/A) |
| D4056.008 | (28-NI-0(D,X)29-CU-61,,TTY,,DT) | (28-NI-0(D,X)29-CU-61,,TTY,,PHY) |
| D4056.009 | ((28-NI-60(D,N)29-CU-61,,TTY,,DT/A)+  (28-NI-61(D,2N)29-CU-61,,TTY,,DT/A)+  (28-NI-62(D,3N)29-CU-61,,TTY,,DT/A)) | (28-NI-0(D,X)29-CU-61,,TTY,,PHY) |
| D4056.010 | (28-NI-0(D,X)28-NI-57,,TTY,,DT) | (28-NI-0(D,X)28-NI-57,,TTY,,PHY) | No explanation is given for the yield calculation. Due to long half life it can be PHY.  [Adopt yields in GBq/C which is a strong indication of PHY yield.] |
| D4056.011 | ((28-NI-58(D,2N+P)28-NI-57,,TTY,,DT/A)+  (28-NI-60(D,4N+P)28-NI-57,,TTY,,DT/A)) | (28-NI-0(D,X)28-NI-57,,TTY,,PHY) |
| D4056.012 | (28-NI-64(D,P)28-NI-65,,TTY,,DT/A) | (28-NI-64(D,P)28-NI-65,,TTY,,PHY/A) |
| D4056.013 | (28-NI-0(D,X)27-CO-55,,TTY,,DT) | (28-NI-0(D,X)27-CO-55,,TTY,,PHY) |
| D4056.014 | ((28-NI-58(D,N+A)27-CO-55,,TTY,,DT/A)+  (28-NI-60(D,3N+A)27-CO-55,,TTY,,DT/A)) | (28-NI-0(D,X)27-CO-55,,TTY,,PHY) |
| D4056.015 | (28-NI-0(D,X)27-CO-56,,TTY,,DT) | (28-NI-0(D,X)27-CO-56,,TTY,,PHY) |
| D4056.016 | ((28-NI-58(D,A)27-CO-56,,TTY,,DT/A)+  (28-NI-60(D,2N+A)27-CO-56,,TTY,,DT/A)) | (28-NI-0(D,X)27-CO-56,,TTY,,PHY) |
| D4056.017 | (28-NI-0(D,X)27-CO-57,,TTY,,DT) | (28-NI-0(D,X)27-CO-57,,TTY,,PHY) |
| D4056.018 | ((28-NI-58(D,X)27-CO-57,,TTY,,DT/A)+  (28-NI-60(D,X)27-CO-57,,TTY,,DT/A)) | (28-NI-0(D,X)27-CO-57,,TTY,,PHY) |
| D4056.019 | (28-NI-0(D,X)27-CO-58-G,(M),TTY,,DT) | (28-NI-0(D,X)27-CO-58-G,(M),TTY,,PHY) |
| D4056.020 | ((28-NI-58(D,2P)27-CO-58-G,(M),TTY,,DT/A)+  (28-NI-60(D,A)27-CO-58-G,(M),TTY,,DT/A)+  (28-NI-61(D,N+A)27-CO-58-G,(M),TTY,,DT/A)) | (28-NI-0(D,X)27-CO-58-G,(M),TTY,,PHY) |
|  |  |  |  |  |
| D4063.003 | (52-TE-122(D,N)53-I-123,,TTY,,DT) | (52-TE-122(D,N)53-I-123,,TTY,,PHY,DERIV) | PHY explicitly written.  [Add “S. Takacs: Physical yields are given” under COMMENT. He is the first author.]. | D121 |
|  |  |  |  |  |
| D4067.004 | (47-AG-109(A,2N)49-IN-111,,TTY,,DT) | (Delete) |  | D103 |
|  |  |  |  |  |
| D4072.003 | (18-AR-38(P,N)19-K-38,,TTY,,DT) | (18-AR-38(P,N)19-K-38,,TTY,,SAT,DERIV) |  | D114 |
|  |  |  |  |  |
| D4078.004.1 | (28-NI-58(P,A)27-CO-55,,TTY,,PHY) | (28-NI-58(P,A)27-CO-55,,TTY,,(PHY),DERIV) | Calculated from measured cross section.  [Second author is Qaim.] | D121 |
| D4078.004.2 | (28-NI-58(P,2P)27-CO-57,,TTY,,PHY) | (28-NI-58(P,2P)27-CO-57,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| D4083.005.2 | (22-TI-0(P,X)23-V-48,,TTY,,PHY,RECOM) | Ok |  |  |
|  |  |  |  |  |
| D4095.003 | (8-O-18(P,N)9-F-18,,TTY) | (8-O-18(P,N)9-F-18,,TTY,,SAT,DERIV) | Saturation yield calculated from cross section.  [SAT is explicitly mentioned by the author.] | D121 |
|  |  |  |  |  |
| D4108.006 | (45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV) | (45-RH-103(P,N)46-PD-103,,TTY,,(PHY),DERIV) | Physical yield was calculated from experimental cross section.  [No explicit evidence of the physical yield.] | D121 |
|  |  |  |  |  |
| D4109.003 | (29-CU-0(HE3,X)31-GA-66,,TTY,,PHY) | (29-CU-0(HE3,X)31-GA-66,,TTY,,PHY,DERIV) | PHY calculated from experimental cross section is explicitly written in the article. | D121 |
| D4109.005 | (29-CU-0(HE3,X)31-GA-67,,TTY,,PHY) | (29-CU-0(HE3,X)31-GA-67,,TTY,,PHY,DERIV) |
| D4109.007 | (29-CU-0(HE3,X)30-ZN-63,CUM,TTY,,PHY) | (29-CU-0(HE3,X)30-ZN-63,CUM,TTY,,PHY,DERIV) |
| D4109.009 | (29-CU-0(HE3,X)30-ZN-65,CUM,TTY,,PHY) | (29-CU-0(HE3,X)30-ZN-65,CUM,TTY,,PHY,DERIV) |
|  |  |  |  |  |
| D4110.004 | (42-MO-0(P,X)43-TC-96,,TTY,,PHY,RECOM) | Ok |  |  |
|  |  |  |  |  |
| D4111.002.2 | (7-N-14(P,A)6-C-11,,TTY,,,DERIV) | (7-N-14(P,A)6-C-11,,TTY,,SAT,RECOM) | Saturation activity was calculated from experimental cross section.  [Add “S. Takacs: Saturation yields are given” under COMMENT. He is the first author.]. | D121 |
| D4111.003.2 | (8-O-16(P,A)7-N-13,,TTY,,,DERIV) | (8-O-16(P,A)7-N-13,,TTY,,SAT,RECOM) |
| D4111.004.2 | (7-N-15(P,N)8-O-15,,TTY,,,DERIV) | (7-N-15(P,N)8-O-15,,TTY,,SAT,RECOM) |
| D4111.005.2 | (7-N-14(D,N)8-O-15,,TTY,,,DERIV) | (7-N-14(D,N)8-O-15,,TTY,,SAT,RECOM) |
| D4111.006.2 | (8-O-18(P,N)9-F-18,,TTY,,PHY,RECOM) | (8-O-18(P,N)9-F-18,,TTY,,PHY,RECOM) | Physical yield was calculated from experimental cross section.  [Add “S. Takacs: Physical yields are given” under COMMENT. He is the first author.]. |
| D4111.007.2 | (10-NE-0(D,X)9-F-18,,TTY,,PHY,RECOM) | (10-NE-0(D,X)9-F-18,,TTY,,PHY,RECOM) |
| D4111.008.2 | (31-GA-69(P,2N)32-GE-68,,TTY,,PHY,RECOM) | (31-GA-69(P,2N)32-GE-68,,TTY,,PHY,RECOM) |
| D4111.009.2 | (31-GA-0(P,X)32-GE-68,,TTY,,PHY,RECOM) | (31-GA-0(P,X)32-GE-68,,TTY,,PHY,RECOM) |
| D4111.010.2 | (37-RB-85(P,4N)38-SR-82,,TTY,,PHY,RECOM) | (37-RB-85(P,4N)38-SR-82,,TTY,,PHY,RECOM) |
| D4111.011.2 | (37-RB-0(P,X)38-SR-82,,TTY,,PHY,RECOM) | (37-RB-0(P,X)38-SR-82,,TTY,,PHY,RECOM) |
| D4111.012.2 | (52-TE-124(P,N)53-I-124,,TTY,,PHY,RECOM) | (52-TE-124(P,N)53-I-124,,TTY,,PHY,RECOM) |
|  |  |  |  |  |
| D4114.008.1 | (37-RB-0(P,X)38-SR-82,,TTY,,DT) | (37-RB-0(P,X)38-SR-82,,TTY,,PHY,DERIV) | Physical yield was calculated from experimental cross section. | D121 |
| D4114.008.2 | (37-RB-0(P,X)38-SR-85-G,M+,TTY,,DT) | (37-RB-0(P,X)38-SR-85-G,M+,TTY,,PHY,DERIV) |
| D4114.009.1 | (37-RB-85(P,3N)38-SR-83,,TTY,,DT) | (37-RB-85(P,3N)38-SR-83,,TTY,,PHY,DERIV) |
| D4114.009.2 | (37-RB-85(P,N)38-SR-85-G,M+,TTY,,DT) | (37-RB-85(P,N)38-SR-85-G,M+,TTY,,PHY,DERIV) |
| D4114 010 1 | (for additional compilation) | (37-RB-0(P,X)37-RB-81-G,M+,TTY,,PHY) | new subentry |
| D4114 010 2 | (for additional compilation) | (37-RB-0(P,X)37-RB-82-M,,TTY,,PHY) |
| D4114 010 3 | (for additional compilation) | (37-RB-0(P,X)37-RB-83,,TTY,,PHY) |  |
| D4114 010 4 | (for additional compilation) | (37-RB-0(P,X)37-RB-84-G,M+,TTY,,PHY) |
| D4114 011 1 | (for additional compilation) | (37-RB-0(P,X)37-RB-86-G,M+,TTY,,PHY) |
| D4114 011 2 | (for additional compilation) | (37-RB-0(P,X)38-SR-82,,TTY,,PHY) |
| D4114 011 3 | (for additional compilation) | (37-RB-0(P,X)38-SR-83-G,M+,TTY,,PHY) |
| D4114 011 4 | (for additional compilation) | (37-RB-0(P,X)38-SR-85-G,M+,TTY,,PHY) |
|  |  |  |  |  |
| D4122.002 | (48-CD-110(HE3,3N)50-SN-110,,TTY,,DT) | (48-CD-110(HE3,3N)50-SN-110,,TTY,,(PHY)/MSC) | Activity for 1h 1uA irradiation on 91.5% enriched target is given. TIME-IRRD was coded.  [Explain the yield is for 91.5% enriched 110Cd in free text of REACTION.] | D121 |
|  |  |  |  |  |
| D4125.004.2 | (45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV) | (Delete) | No entry is in the EXFOR library. Duplication with O1010 | D112 |
|  |  |  |  |  |
| D4127.005.1 | (37-RB-85(P,3N)38-SR-83,,TTY,,DT,DERIV) | (37-RB-85(P,3N)38-SR-83,,TTY,,EOB,DERIV) | Data refer to 1h 1uA EOB activity according to the paragraph 3.3. TIME-IRRD included.  [Add TIME-IRRD=1 hr.] | D121 |
| D4127.005.2 | (37-RB-85(P,3N)38-SR-83,,TTY,,DT,EXP) | (37-RB-85(P,3N)38-SR-83,,TTY,,EOB) |
| D4127.006.1 | (36-KR-82(HE3,2N)38-SR-83,,TTY,,DT,CALC) | (36-KR-82(HE3,2N)38-SR-83,,TTY,,EOB,DERIV) |
| D4127.006.2 | (36-KR-82(HE3,2N)38-SR-83,,TTY,,DT,EXP) | (36-KR-82(HE3,2N)38-SR-83,,TTY,,EOB) |
| D4127.007 | (37-RB-85(P,4N)38-SR-82,,TTY,,DT,CALC) | (37-RB-85(P,4N)38-SR-82,,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| D4135.002 | (58-CE-140(HE3,3N)60-ND-140,,TTY,,DT) | (Move to ADD-RES of 001.) | EOB activity was estimated from batch yield. DECAY-DATA => RAD-DET, TIME-IRRD included. No proper irradiation time is given.  [Definition unclear.] | D121 |
|  |  |  |  |  |
| D4137.002 | (26-FE-54(D,N)27-CO-55,,TTY,,DT) | (26-FE-54(D,N)27-CO-55,,TTY,,EOB) | EOB activity was estimated from batch yield. TIME-IRRD included. EOB activity divided by irradiation time -> EOB "yield". Data were recalculated properly.  [EOB yield in MBq/uA-hr.  Qaim is the corresponding author. Add TIME-IRRD=1 hr.  MBQ/MUAHR -> MBQ/MUA,] | D121 |
|  |  |  |  |  |
| D4138.006 | (46-PD-110(D,N)47-AG-111,,TTY,,PHY,CALC) | (46-PD-110(D,N)47-AG-111,,TTY,,PHY,DERIV) | Yield was calculated from measured cross section.  [Yield in GBq/C] | D121 |
| D4138.007 | (46-PD-110(D,2N)47-AG-110-M,,TTY,,PHY,CALC) | (46-PD-110(D,2N)47-AG-110-M,,TTY,,PHY,DERIV) |
| D4138.008 | (46-PD-0(D,X)47-AG-104-G,,TTY,,PHY,CALC) | (46-PD-0(D,X)47-AG-104-G,,TTY,,PHY,DERIV) |
| D4138.009 | (46-PD-0(P,X)47-AG-104-G,,TTY,,PHY,CALC) | (46-PD-0(P,X)47-AG-104-G,,TTY,,PHY,DERIV) |
|  |  |  |  |  |
| D4143.009 | (40-ZR-0(D,X)41-NB-91-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4143.010 | (40-ZR-0(D,X)41-NB-92-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4143.011 | (40-ZR-0(D,X)41-NB-95-G,,TTY,,PHY,DERIV) | Ok |  |  |
| D4143.012 | (40-ZR-0(D,X)40-ZR-89,,TTY,,PHY,DERIV) | Ok |  |  |
| D4143.013 | (40-ZR-0(D,X)40-ZR-95,,TTY,,PHY,DERIV) | Ok |  |  |
| D4143.014 | (40-ZR-0(D,X)39-Y-87,,TTY,,PHY,DERIV) | Ok |  |  |
| D4143.015 | (40-ZR-0(D,X)39-Y-88,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D4144.007.1 | (30-ZN-0(D,X)31-GA-67,,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.007.2 | (30-ZN-0(D,X)31-GA-66,,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.007.3 | (30-ZN-0(D,X)30-ZN-65,,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.007.4 | (30-ZN-0(D,X)30-ZN-62,,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.007.5 | (30-ZN-0(D,X)30-ZN-69-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.008.1 | (30-ZN-0(D,X)29-CU-61,CUM,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.008.2 | (30-ZN-0(D,X)29-CU-64,,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.008.3 | (30-ZN-0(D,X)29-CU-67,CUM,TTY,,PHY,DERIV) | Ok |  |  |
| D4144.008.4 | (30-ZN-0(D,X)27-CO-58,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D4147.002.2 | (30-ZN-67(P,N)31-GA-67,,TTY,,PHY,DERIV) | (30-ZN-67(P,N)31-GA-67,,TTY,,PHY,RECOM) | [First author is S.Takacs. PHY or SAT are explicitly mentioned in free text under COMMENT.] | D121 |
| D4147.003.2 | (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY,DERIV) | (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY,RECOM) |
| D4147.004.2 | (48-CD-111(P,N)49-IN-111,,TTY,,PHY,DERIV) | (48-CD-111(P,N)49-IN-111,,TTY,,PHY,RECOM) |
| D4147.005.2 | (48-CD-112(P,2N)49-IN-111,,TTY,,PHY,DERIV) | (48-CD-112(P,2N)49-IN-111,,TTY,,PHY,RECOM) |
| D4147.006.2 | (52-TE-124(P,2N)53-I-123,,TTY,,PHY,DERIV) | (52-TE-124(P,2N)53-I-123,,TTY,,PHY,RECOM) |
| D4147.007.2 | (52-TE-123(P,N)53-I-123,,TTY,,PHY,DERIV) | (52-TE-123(P,N)53-I-123,,TTY,,PHY,RECOM) |
| D4147.009.2 | (53-I-127(P,3N)54-XE-125,,TTY,,PHY,DERIV) | (53-I-127(P,3N)54-XE-125,,TTY,,PHY,RECOM) |
| D4147.010.2 | (53-I-127(P,5N)54-XE-123,,TTY,,PHY,DERIV) | (53-I-127(P,5N)54-XE-123,,TTY,,PHY,RECOM) |
| D4147.011.2 | (36-KR-82(P,2N)37-RB-81,,TTY,,PHY,DERIV) | (36-KR-82(P,2N)37-RB-81,,TTY,,PHY,RECOM) |
| D4147.012.2 | (36-KR-0(P,X)37-RB-81,,TTY,,PHY,DERIV) | (36-KR-0(P,X)37-RB-81,,TTY,,PHY,RECOM) |
| D4147.013.2 | (81-TL-203(P,2N)82-PB-202-M,,TTY,,PHY,DERIV) | (81-TL-203(P,2N)82-PB-202-M,,TTY,,PHY,RECOM) |
| D4147.014.2 | (81-TL-203(P,3N)82-PB-201,,TTY,,PHY,DERIV) | (81-TL-203(P,3N)82-PB-201,,TTY,,PHY,RECOM) |
| D4147.015.2 | (81-TL-203(P,4N)82-PB-200,,TTY,,PHY,DERIV) | (81-TL-203(P,4N)82-PB-200,,TTY,,PHY,RECOM) |
| D4147.016.2 | (54-XE-124(P,2N)55-CS-123,,TTY,,,DERIV) | (54-XE-124(P,2N)55-CS-123,,SAT,,,RECOM) |
| D4147.017.2 | (54-XE-124(P,2N)55-CS-123,,TTY,,PHY,DERIV) | (54-XE-124(P,2N)55-CS-123,,TTY,,PHY,RECOM) |
| D4147.017.4 | (54-XE-124(P,2N)55-CS-123,,TTY,,PHY,DERIV) | (54-XE-124(P,2N)55-CS-123,,TTY,,PHY,RECOM) |
|  |  |  |  |  |
| D4154.005.1 | (78-PT-198(P,N)79-AU-198-G,,TTY,,PHY,CALC) | (78-PT-198(P,N)79-AU-198-G,,TTY,,PHY,DERIV) | Yield was calculated from measured cross section.  [Physical yield is explicitly written on the article.] | D121 |
| D4154.005.2 | (78-PT-198(D,2N)79-AU-198-G,,TTY,,PHY,CALC) | (78-PT-198(D,2N)79-AU-198-G,,TTY,,PHY,DERIV) |
| D4154.005.3 | (78-PT-198(D,X)79-AU-199,,TTY,,PHY,CALC) | (78-PT-198(D,X)79-AU-199,,TTY,,PHY,DERIV) |
|  |  |  |  |  |
| D4158.012.1 | (27-CO-59(HE3,N)29-CU-61,,TTY,,PHY,DERIV) | Ok |  |  |
| D4158.012.2 | (27-CO-59(HE3,2N)29-CU-60,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D4159.005.1 | (51-SB-0(A,X)53-I-123,,TTY,,PHY,DERIV) | Ok |  |  |
| D4159.005.2 | (51-SB-0(A,X)53-I-124,,TTY,,PHY,DERIV) | Ok |  |  |
| D4159.005.3 | (51-SB-0(A,X)53-I-125,,TTY,,PHY,DERIV) | Ok |  |  |
| D4159.005.4 | (51-SB-0(A,X)53-I-126,,TTY,,PHY,DERIV) | Ok |  |  |
| D4159.006.1 | (51-SB-121(A,2N)53-I-123,,TTY,,PHY,DERIV) | Ok |  |  |
| D4159.006.2 | (51-SB-121(A,N)53-I-124,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D4160.011.1 | (48-CD-113(D,N)49-IN-114-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4160.011.2 | (48-CD-114(P,N)49-IN-114-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4160.011.3 | (48-CD-114(D,2N)49-IN-114-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4160.011.4 | (48-CD-116(P,3N)49-IN-114-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4160.012.1 | (48-CD-0(P,X)49-IN-114-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D4160.012.2 | (48-CD-0(D,X)49-IN-114-M,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D4171.004.1 | (51-SB-0(HE3,X)53-I-124,,TTY,,PHY/AV,DERIV) | (51-SB-0(HE3,X)53-I-124,,TTY,,(PHY),DERIV) | PHY/AV => PHY.  [Definition unclear but MBq/A-hr, therefore (PHY).] | D121 |
| D4171.004.2 | (51-SB-0(HE3,X)53-I-123,,TTY,,PHY/AV,DERIV) | (51-SB-0(HE3,X)53-I-123,,TTY,,(PHY),DERIV) |
| D4171.004.3 | (51-SB-0(HE3,X)53-I-121,,TTY,,PHY/AV,DERIV) | (51-SB-0(HE3,X)53-I-121,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| D4175.003.2 | (70-YB-176(D,X)71-LU-177-G,CUM,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D4191.003 | (38-SR-0(P,X)39-Y-88,,TTY,,DT) | (38-SR-0(P,X)39-Y-88,,TTY,,EOB) | Due to long half life (PHY) and not EOB.  [EOB yield in MBq/uA-h without irradiation time specification.  First author is Qaim.  Add TIME-IRRD=1 hr  MBQ/MUAHR -> MBQ/MUA.] | D121 |
| D4191.004 | (37-RB-0(A,X)39-Y-88,,TTY,,DT) | (37-RB-0(A,X)39-Y-88,,TTY,,EOB) |
| D4191.005 | (58-CE-0(HE3,X)60-ND-140,,TTY,,DT) | (58-CE-0(HE3,X)60-ND-140,,TTY,,EOB) |
| D4191.006 | (59-PR-141(P,2N)60-ND-140,,TTY,,DT) | (59-PR-141(P,2N)60-ND-140,,TTY,,EOB) |
|  |  |  |  |  |
| D4223.003 | (38-SR-88(P,N)39-Y-88,,TTY,,DT) | (38-SR-88(P,N)39-Y-88,,TTY,,PHY) | Data from Steyn.  [Explained as “Production rate” in the article.] | D121 |
|  |  |  |  |  |
| D4227.008.1 | (73-TA-181(D,4N+P)73-TA-178-G,,TTY,,PHY,CALC) | (73-TA-181(D,X)73-TA-178-G,,TTY,,PHY,DERIV) | PHY and SAT are given explicitly.  [PHY and SAT are explicitly indicated in Table 3 caption. Move 012-016 to D4141.010-014.] | D121 |
| D4227.008.2 | (73-TA-181(D,4N+P)73-TA-178-G,,TTY,,,CALC) | (73-TA-181(D,X)73-TA-178-G,,TTY,,SAT,DERIV) |
| D4227.009.1 | (73-TA-181(D,2N+P)73-TA-180-G,,TTY,,PHY,CALC) | (73-TA-181(D,X)73-TA-180-G,,TTY,,PHY,DERIV) |
| D4227.009.2 | (73-TA-181(D,2N+P)73-TA-180-G,,TTY,,,CALC) | (73-TA-181(D,X)73-TA-180-G,,TTY,,SAT,DERIV) |
| D4227.010.1 | (73-TA-181(D,P)73-TA-182-G,,TTY,,PHY,CALC) | (73-TA-181(D,P)73-TA-182-G,,TTY,,PHY,DERIV) |
| D4227.010.2 | (73-TA-181(D,P)73-TA-182-G,,TTY,,,CALC) | (73-TA-181(D,P)73-TA-182-G,,TTY,,SAT,DERIV) |
| D4227.011.1 | (73-TA-181(D,2N)74-W-181,,TTY,,PHY,CALC) | (73-TA-181(D,2N)74-W-181,,TTY,,PHY,DERIV) |
| D4227.011.2 | (73-TA-181(D,2N)74-W-181,,TTY,,,CALC) | (73-TA-181(D,2N)74-W-181,,TTY,,SAT,DERIV) |
| D4227.012.1 | (74-W-0(D,X)75-RE-182-M,,TTY,,PHY,CALC) | (74-W-0(D,X)75-RE-182-M,,TTY,,PHY,DERIV) |
| D4227.012.2 | (74-W-0(D,X)75-RE-182-M,,TTY,,,CALC) | (74-W-0(D,X)75-RE-182-M,,TTY,,SAT,DERIV) |
| D4227.013.1 | (74-W-0(D,X)75-RE-182-G,,TTY,,PHY,CALC) | (74-W-0(D,X)75-RE-182-G,,TTY,,PHY,DERIV) |
| D4227.013.2 | (74-W-0(D,X)75-RE-182-G,,TTY,,,CALC) | (74-W-0(D,X)75-RE-182-G,,TTY,,SAT,DERIV) |
| D4227.014.1 | (74-W-0(D,X)75-RE-183,,TTY,,PHY,CALC) | (74-W-0(D,X)75-RE-183,,TTY,,PHY,DERIV) |
| D4227.014.2 | (74-W-0(D,X)75-RE-183,,TTY,,,CALC) | (74-W-0(D,X)75-RE-183,,TTY,,SAT,DERIV) |
| D4227.015.1 | (74-W-0(D,X)75-RE-184-G,,TTY,,PHY,CALC) | (74-W-0(D,X)75-RE-184-G,,TTY,,PHY,DERIV) |
| D4227.015.2 | (74-W-0(D,X)75-RE-184-G,,TTY,,,CALC) | (74-W-0(D,X)75-RE-184-G,,TTY,,SAT,DERIV) |
| D4227.016.1 | (74-W-0(D,X)75-RE-186-G,,TTY,,PHY,CALC) | (74-W-0(D,X)75-RE-186-G,,TTY,,PHY,DERIV) |
| D4227.016.2 | (74-W-0(D,X)75-RE-186-G,,TTY,,,CALC) | (74-W-0(D,X)75-RE-186-G,,TTY,,SAT,DERIV) |
|  |  |  |  |  |
| D4237.002 | (55-CS-133(P,N)56-BA-133-G,,TTY,,PHY) | (55-CS-CMP(P,X)56-BA-133-G,,TTY,,PHY) | [Add “Deon Steyn (2019-07-13): The physical thick target yield is given.] | D121 |
| D4237.003 | (55-CS-133(P,N)56-BA-133-G,,TTY,,PHY,DERIV) | (55-CS-CMP(P,X)56-BA-133-G,,TTY,,PHY,,DERIV) |
| D4237.004 | (55-CS-133(P,N)56-BA-133-G,,TTY,,PHY,DERIV) | Ok |
|  |  |  |  |  |
| D4288.011.1 | (28-NI-0(D,X)27-CO-58,,TTY,,PHY) | Ok |  |  |
| D4288.011.2 | (28-NI-0(D,X)27-CO-57,CUM,TTY,,PHY) | Ok |  |  |
| D4288.011.3 | (28-NI-0(D,X)27-CO-56,CUM,TTY,,PHY) | Ok |  |  |
| D4288.011.4 | (28-NI-0(D,X)27-CO-55,CUM,TTY,,PHY) | Ok |  |  |
| D4288.012 | (28-NI-0(D,X)28-NI-57,CUM,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| D6082.002 | (40-ZR-90(3-LI-7,X)2-HE-4,,TTY,,DT) | (Move to ADD-RES of 001) | It is thin target yield. In and out energy (or target thickness) should be provided, Batch yield is given in the table, than the unit should be MBq or MBq/uA. Long irradiation compared to the half lives.  [Thin target EOB yield divided by irradiation time given with the intermediate energy instead of the in- and out-energy.] | D121 |
| D6082.003 | (40-ZR-90(3-LI-7,X)43-TC-94,,TTY,,DT) | (Move to ADD-RES of 001) |
| D6082.004 | (40-ZR-90(3-LI-7,X)43-TC-95,,TTY,,DT) | (Move to ADD-RES of 001) |
| D6082.005 | (40-ZR-90(3-LI-7,X)42-MO-93-M,,TTY,,DT) | (Move to ADD-RES of 001) |
| D6082.006 | (40-ZR-90(3-LI-7,X)41-NB-90,,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D6094.002 | (39-Y-89(3-LI-7,X)42-MO-93-M,,TTY,,DT) | (Move to ADD-RES of 001) | It is thin target yield. In and out energy (or target thickness) should be provided, Batch yield is given in figure, than the unit should be MBq or MBq/uA. Long irradiation compared to the half-lives. Most probably EOB activity was divided by total charge  [Thin target EOB yield divided by irradiation time given with the intermediate energy instead of the in- and out-energy.] | D121 |
| D6094.003 | (39-Y-89(3-LI-7,X)39-Y-90-M,,TTY,,DT) | (Move to ADD-RES of 001) |
| D6094.004 | (39-Y-89(3-LI-7,X)39-Y-91-M,,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D6096.002 | (39-Y-89(4-BE-9,X)43-TC-93-G,M+,TTY,,DT) | (Move to ADD-RES of 001) | It is thin target yield. In and out energy (or target thickness) should be provided, Batch yield is given in figure. The unit should be MBq or MBq/uA for EOB activity. Long irradiation compared to the half-lives.  [Thin target EOB yield divided by irradiation time given with the intermediate energy instead of the in- and out-energy.] | D121 |
| D6096.003 | (39-Y-89(4-BE-9,X)43-TC-94-G,,TTY,,DT) | (Move to ADD-RES of 001) |
| D6096.004 | (39-Y-89(4-BE-9,X)43-TC-95-G,M+,TTY,,DT) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D6201.002 | (41-NB-93(3-LI-7,3N)44-RU-97,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) | It is thin target yield. In and out energy (or target thickness) should be provided, Batch yield is given at EOB in table. The unit should be MBq or MBq/uA. Proper EOB activity ('yield") can be calculated.  [Thin target EOB yield divided by irradiation time given with the intermediate energy instead of the in- and out-energy.] | D121 |
| D6201.003 | (41-NB-93(3-LI-7,X)43-TC-96,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D6201.004 | (41-NB-93(3-LI-7,X)43-TC-95,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D6201.005 | (41-NB-93(3-LI-7,X)42-MO-93-M,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D6202.002 | (59-PR-141(6-C-12,4N)65-TB-149,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) | It is thin target yield. In and out energy (or target thickness) should be provided, Batch yield is given at EOB in table. The unit should be MBq or MBq/uA. Proper EOB activity ('yield") can be calculated.  [Thin target EOB yield divided by irradiation time given with the intermediate energy instead of the in- and out-energy.] | D121 |
| D6202.003 | (59-PR-141(6-C-12,3N)65-TB-150,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D6202.004 | (59-PR-141(6-C-12,2N)65-TB-151,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
| D6202.005 | (59-PR-141(6-C-12,X)64-GD-149,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) |
|  |  |  |  |  |
| D6233.002 | (39-Y-89(6-C-12,X)ELEM/MASS,,TTY,,PHY/MSC) | (Move to ADD-RES of 001) | It is thin target yield. In and out energy (or target thickness) should be provided, Batch yield is given at EOB in the table, than the unit should be MBq or MBq/uA. Long irradiation compared to the half-lives.  [Thin target EOB yield divided by irradiation time given with the intermediate energy instead of the in- and out-energy.] | D121 |
|  |  |  |  |  |
| D7006.016 | (72-HF-0(P,X)72-HF-173,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.017 | (72-HF-0(P,X)72-HF-175,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.018 | (72-HF-0(P,X)72-HF-179-M2,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.019 | (72-HF-0(P,X)72-HF-180-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.020 | (72-HF-0(P,X)71-LU-172,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.021 | (72-HF-0(P,X)71-LU-173,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.022 | (72-HF-0(P,X)71-LU-177-G,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.023 | (72-HF-0(P,X)73-TA-173,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.024 | (72-HF-0(P,X)73-TA-174,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.025 | (72-HF-0(P,X)73-TA-175,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.026 | (72-HF-0(P,X)73-TA-176,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.027 | (72-HF-0(P,X)73-TA-177,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.028 | (72-HF-0(P,X)73-TA-178-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D7006.029 | (72-HF-0(P,X)73-TA-180-G,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D7014.014 | (39-Y-89(A,X)41-NB-89-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.015 | (39-Y-89(A,X)41-NB-89-G,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.016 | (39-Y-89(A,X)41-NB-90,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.017 | (39-Y-89(A,X)41-NB-91-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.018 | (39-Y-89(A,X)41-NB-92-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.019 | (39-Y-89(A,X)40-ZR-88,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.020 | (39-Y-89(A,X)40-ZR-89-G,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.021 | (39-Y-89(A,X)39-Y-87-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.022 | (39-Y-89(A,X)39-Y-87,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.023 | (39-Y-89(A,X)39-Y-88,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.024 | (39-Y-89(A,X)39-Y-90-M,,TTY,,PHY,DERIV) | Ok |  |  |
| D7014.025 | (39-Y-89(A,X)39-Y-91-M,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| D7015.011 | (29-CU-0(P,X)30-ZN-62,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.012 | (29-CU-0(P,X)30-ZN-65,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.013 | (29-CU-0(P,X)29-CU-61,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.014 | (29-CU-0(P,X)29-CU-64,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.015 | (29-CU-0(P,X)28-NI-57,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.016 | (29-CU-0(P,X)27-CO-56,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.017 | (29-CU-0(P,X)27-CO-57,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.018 | (29-CU-0(P,X)27-CO-58,,TTY,,PHY,DERIV) | Ok |  |  |
| D7015.019 | (29-CU-0(P,X)27-CO-60,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| E1875.002 | (49-IN-0(D,X)50-SN-113-G,M+,TTY,,DT) | (49-IN-0(D,X)50-SN-113-G,M+,TTY,,(PHY)) | Not clear how the TTY was calculated. Most probably the measured activity at EOB was divided by the total charge. Data should be divided by 2. TIME-IRRD=0.5 h was inserted in COMMON.  [No specification about the yield type. T1/2>>1 hr.] | E125 |
| E1875.003 | (49-IN-0(A,X)50-SN-117-M,,TTY,,DT) | (49-IN-0(A,X)50-SN-117-M,,TTY,,(PHY)) |
| E1875.004 | (48-CD-0(A,X)50-SN-113-G,M+,TTY,,DT) | (48-CD-0(A,X)50-SN-113-G,M+,TTY,,(PHY)) |
| E1875.005 | (48-CD-0(A,X)50-SN-117-M,,TTY,,DT) | (48-CD-0(A,X)50-SN-117-M,,TTY,,(PHY)) |
|  |  |  |  |  |
| E1893.022 | (3-LI-7(D,X)4-BE-7,,TTY,,PHY) | Ok |  |  |
| E1893.023 | (4-BE-9(D,X)4-BE-7,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| E1961.003 | (27-CO-59(A,2N)29-CU-61,,TTY,,DT,DERIV) | (*Delete. Moved to E2073.003.*) | Data refer to EOB, but no exact irradiation time was provided, and the irradiation time was different from 1h. Due to long half life it is almost PHY.  [EOB yield without irradiation time specification (“calculated in terms of uCi/uAh at the end of bombardment.”. 1-hr EOB yield? ]  **Delete subentries 002-003 and 008-009.** | E125 |
| E1961.005 | (27-CO-59(A,X)27-CO-58-G,M+,TTY,,DT,DERIV) | (27-CO-59(A,X)27-CO-58-G,M+,TTY,,EOB/MSC,DERIV) |
| E1961.007 | (27-CO-59(A,X)27-CO-57,,TTY,,DT,DERIV) | (27-CO-59(A,X)27-CO-57,,TTY,,EOB/MSC,DERIV) |
| E1961.009 | (27-CO-59(HE3,N)29-CU-61,,TTY,,DT,DERIV) | (*Delete. Moved to E2073.005.*) |
| E1961.011 | (27-CO-59(HE3,X)27-CO-58-G,M+,TTY,,DT,DERIV) | (27-CO-59(HE3,X)27-CO-58-G,M+,TTY,,EOB/MSC,DERIV) |
| E1961.013 | (27-CO-59(HE3,X)27-CO-57,CUM,TTY,,DT,DERIV) | (27-CO-59(HE3,X)27-CO-57,CUM,TTY,,EOB/MSC,DERIV) |
| E1961.015 | (27-CO-59(HE3,X)27-CO-56,CUM,TTY,,DT,DERIV) | (27-CO-59(HE3,X)27-CO-56,CUM,TTY,,EOB/MSC,DERIV) |
|  |  |  |  |  |
| E1963.007 | (47-AG-109(HE3,N)49-IN-111,,TTY,,PHY,DERIV) | (47-AG-109(HE3,N)49-IN-111,,TTY,,EOB,DERIV) | On page 312 authors refer to 1h-1uA yield data.  [Add TIME-IRRD=1hr]. | E125 |
| E1963.008 | (47-AG-109(HE3,2N)49-IN-110-G,,TTY,,PHY,DERIV) | (47-AG-109(HE3,2N)49-IN-110-G,,TTY,,EOB,DERIV) |
| E1963.009 | (47-AG-0(HE3,X)49-IN-109,,TTY,,PHY,DERIV) | (47-AG-0(HE3,X)49-IN-109,,TTY,,EOB,DERIV) |
|  |  |  |  |  |
| E1964.002 | (21-SC-45(P,X)21-SC-44-M,,TTY,,DT) | (21-SC-45(P,X)21-SC-44-M,,TTY,,EOB/FCT) | Energy is less, 15.6 MeV for proton. TIME-IRRD should be included. DATA unit should be MUCI/MUA. Not clear if the data refer to 100% enrichment or just natural % abundance, before REACTION is changed to natural target should be checked with the authors if possible. [160 min EOB yield divided by the irradiation time (160 min) multiplied by 60 min (=1hr).] | E111 |
| E1964.003 | (21-SC-45(P,X)21-SC-44-G,(M),TTY,,DT) | (21-SC-45(P,X)21-SC-44-G,(M),TTY,,EOB/FCT) |
| E1964.004 | (22-TI-46(P,A)21-SC-43,,TTY,,DT) | (22-TI-0(P,X)21-SC-43,,TTY,,EOB/FCT) |
| E1964.005 | (22-TI-47(P,A)21-SC-44-G,(M),TTY,,DT) | (22-TI-0(P,X)21-SC-44-G,(M),TTY,,EOB/FCT) |
| E1964.006 | (22-TI-0(P,X)23-V-48,,TTY,,DT) | (22-TI-0(P,X)23-V-48,,TTY,,EOB/FCT) |
| E1964.007 | (23-V-51(P,N)24-CR-51,,TTY,,DT) | (23-V-51(P,N)24-CR-51,,TTY,,EOB/FCT) |
| E1964.008 | (24-CR-0(P,X)25-MN-52-G,M+,TTY,,DT) | (24-CR-0(P,X)25-MN-52-G,M+,TTY,,EOB/FCT) |
| E1964.009 | (26-FE-0(P,X)27-CO-56,,TTY,,DT) | (26-FE-0(P,X)27-CO-56,,TTY,,EOB/FCT) |
| E1964.010 | (27-CO-59(P,X)27-CO-58-G,M+,TTY,,DT) | (27-CO-59(P,X)27-CO-58-G,M+,TTY,,EOB/FCT) |
| E1964.011 | (28-NI-58(P,A)27-CO-55,,TTY,,DT) | (28-NI-0(P,X)27-CO-55,,TTY,,EOB/FCT) |
| E1964.012 | (28-NI-58(P,X)28-NI-57,CUM,TTY,,DT) | (28-NI-0(P,X)28-NI-57,CUM,TTY,,EOB/FCT) |
| E1964.013 | (28-NI-0(P,X)29-CU-61,,TTY,,DT) | (28-NI-0(P,X)29-CU-61,,TTY,,EOB/FCT) |
| E1964.014 | (29-CU-63(P,2N)30-ZN-62,,TTY,,DT) | (29-CU-0(P,X)30-ZN-62,,TTY,,EOB/FCT) |
| E1964.015 | (29-CU-65(P,N)30-ZN-65,,TTY,,DT) | (29-CU-0(P,X)30-ZN-65,,TTY,,EOB/FCT) |
| E1964.016 | (29-CU-65(P,X)29-CU-64,,TTY,,DT) | (29-CU-0(P,X)29-CU-64,,TTY,,EOB/FCT) |
| E1964.017 | (30-ZN-66(P,N)31-GA-66,,TTY,,DT) | (30-ZN-0(P,X)31-GA-66,,TTY,,EOB/FCT) |
| E1964.018 | (30-ZN-0(P,X)31-GA-67,,TTY,,DT) | (30-ZN-0(P,X)31-GA-67,,TTY,,EOB/FCT) |
| E1964.019 | (32-GE-0(P,X)33-AS-72,,TTY,,DT) | (32-GE-0(P,X)33-AS-72,,TTY,,EOB/FCT) |
| E1964.020 | (32-GE-74(P,N)33-AS-74,,TTY,,DT) | (32-GE-0(P,X)33-AS-74,,TTY,,EOB/FCT) |
| E1964.021 | (32-GE-76(P,N)33-AS-76,,TTY,,DT) | (32-GE-0(P,X)33-AS-76,,TTY,,EOB/FCT) |
| E1964.022 | (39-Y-89(P,N)40-ZR-89-G,M+,TTY,,DT) | (39-Y-89(P,N)40-ZR-89-G,M+,TTY,,EOB/FCT) |
| E1964.023 | (40-ZR-0(P,X)41-NB-90-G,M+,TTY,,DT) | (40-ZR-0(P,X)41-NB-90-G,M+,TTY,,EOB/FCT) |
| E1964.024 | (40-ZR-92(P,N)41-NB-92-M,,TTY,,DT) | (40-ZR-0(P,X)41-NB-92-M,,TTY,,EOB/FCT) |
| E1964.025 | (40-ZR-96(P,N)41-NB-96,,TTY,,DT) | (40-ZR-0(P,X)41-NB-96,,TTY,,EOB/FCT) |
| E1964.026 | (41-NB-93(P,X)41-NB-92-M,,TTY,,DT) | (41-NB-93(P,X)41-NB-92-M,,TTY,,EOB/FCT) |
| E1964.027 | (41-NB-93(P,N)42-MO-93-M,,TTY,,DT) | (41-NB-93(P,N)42-MO-93-M,,TTY,,EOB/FCT) |
| E1964.028 | (42-MO-94(P,2N)43-TC-93-G,M+,TTY,,DT) | (42-MO-0(P,X)43-TC-93-G,M+,TTY,,EOB/FCT) |
| E1964.029 | (42-MO-0(P,X)43-TC-94-G,(M),TTY,,DT) | (42-MO-0(P,X)43-TC-94-G,(M),TTY,,EOB/FCT) |
| E1964.030 | (42-MO-0(P,X)43-TC-95-G,(M),TTY,,DT) | (42-MO-0(P,X)43-TC-95-G,(M),TTY,,EOB/FCT) |
| E1964.031 | (42-MO-96(P,X)43-TC-96-G,M+,TTY,,DT) | (42-MO-0(P,X)43-TC-96-G,M+,TTY,,EOB/FCT) |
| E1964.032 | (42-MO-100(P,X)43-TC-99-M,(CUM),TTY,,DT) | (42-MO-0(P,X)43-TC-99-M,(CUM),TTY,,EOB/FCT) |
| E1964.033 | (47-AG-107(P,N)48-CD-107,,TTY,,DT) | (47-AG-0(P,X)48-CD-107,,TTY,,EOB/FCT) |
| E1964.034 | (50-SN-0(P,X)51-SB-116-M,,TTY,,DT/A) | (50-SN-0(P,X)51-SB-116-M,,TTY,,EOB/FCT) |
| E1964.035 | (50-SN-117(P,N)51-SB-117,,TTY,,DT) | (50-SN-0(P,X)51-SB-117,,TTY,,EOB/FCT) |
| E1964.036 | (50-SN-0(P,X)51-SB-118-M,,TTY,,DT) | (50-SN-0(P,X)51-SB-118-M,,TTY,,EOB/FCT) |
| E1964.037 | (50-SN-120(P,N)51-SB-120-M,,TTY,,DT) | (50-SN-0(P,X)51-SB-120-M,,TTY,,EOB/FCT) |
| E1964.038 | (50-SN-122(P,N)51-SB-122-G,M+,TTY,,DT) | (50-SN-0(P,X)51-SB-122-G,M+,TTY,,EOB/FCT) |
| E1964.039 | (73-TA-181(P,X)73-TA-180-G,CUM,TTY,,DT) | (73-TA-181(P,X)73-TA-180-G,CUM,TTY,,EOB/FCT) |
| E1964.040 | (73-TA-181(P,N)74-W-181,,TTY,,DT) | (73-TA-181(P,N)74-W-181,,TTY,,EOB/FCT) |
| E1964.041 | (74-W-182(P,2N)75-RE-181,,TTY,,DT) | (74-W-0(P,X)75-RE-181,,TTY,,EOB/FCT) |
| E1964.042 | (74-W-182(P,N)75-RE-182-M,,TTY,,DT) | (74-W-0(P,X)75-RE-182-M,,TTY,,EOB/FCT) |
| E1964.043 | (78-PT-194(P,2N)79-AU-193-G,M+,TTY,,DT) | (78-PT-0(P,X)79-AU-193-G,M+,TTY,,EOB/FCT) |
| E1964.044 | (78-PT-0(P,X)79-AU-194-G,M+,TTY,,DT) | (78-PT-0(P,X)79-AU-194-G,M+,TTY,,EOB/FCT) |
| E1964.045 | (78-PT-196(P,N)79-AU-196-G,M+,TTY,,DT) | (78-PT-0(P,X)79-AU-196-G,M+,TTY,,EOB/FCT) |
| E1964.046 | (78-PT-198(P,N)79-AU-198-G,(M),TTY,,DT) | (78-PT-0(P,X)79-AU-198-G,(M),TTY,,EOB/FCT) |
| E1964.047 | (79-AU-197(P,X)79-AU-196-G,M+,TTY,,DT) | (79-AU-197(P,X)79-AU-196-G,M+,TTY,,EOB/FCT) |
| E1964.048.1 | (79-AU-197(P,X)80-HG-197-G,M+,TTY,,DT) | (79-AU-197(P,X)80-HG-197-G,M+,TTY,,EOB/FCT) |
| E1964.048.2 | (79-AU-197(P,X)80-HG-197,,TTY,,DT) | (79-AU-197(P,X)80-HG-197,,TTY,,EOB/FCT) |
| E1964.049 | (79-AU-197(P,N)80-HG-197-M,,TTY,,DT) | (79-AU-197(P,N)80-HG-197-M,,TTY,,EOB/FCT) |
| E1964.050 | (82-PB-204(P,N)83-BI-204,,TTY,,DT) | (82-PB-0(P,X)83-BI-204,,TTY,,EOB/FCT) |
| E1964.051 | (82-PB-0(P,X)83-BI-206,,TTY,,DT) | (82-PB-0(P,X)83-BI-206,,TTY,,EOB/FCT) |
| E1964.052 | (21-SC-45(A,N+A)21-SC-44-G,(M),TTY,,DT) | (21-SC-45(A,N+A)21-SC-44-G,(M),TTY,,EOB/FCT) | Energy is less, 27.2 MeV for alpha. TIME-IRRD should be included. DATA unit should be MUCI/MUA. Not clear if the data refer to 100% enrichment or just natural % abundance, before REACTION is changed to natural target should be checked with the authors if possible. . [342 min EOB yield divided by the irradiation time (342 min) multiplied by 60 min (=1 hr).] |
| E1964.053 | (21-SC-45(A,N+A)21-SC-44-M,,TTY,,DT) | (21-SC-45(A,N+A)21-SC-44-M,,TTY,,EOB/FCT) |
| E1964.054 | (21-SC-45(A,X)21-SC-47,CUM,TTY,,DT) | (21-SC-45(A,X)21-SC-47,CUM,TTY,,EOB/FCT) |
| E1964.055 | (21-SC-45(A,N)23-V-48,,TTY,,DT) | (21-SC-45(A,N)23-V-48,,TTY,,EOB/FCT) |
| E1964.056 | (22-TI-46(A,X)23-V-48,CUM,TTY,,DT) | (22-TI-0(A,X)23-V-48,CUM,TTY,,EOB/FCT) |
| E1964.057 | (22-TI-46(A,N)24-CR-49,,TTY,,DT) | (22-TI-0(A,X)24-CR-49,,TTY,,EOB/FCT) |
| E1964.058 | (22-TI-46(A,2N)24-CR-48,,TTY,,DT) | (22-TI-0(A,X)24-CR-48,,TTY,,EOB/FCT) |
| E1964.059 | (22-TI-0(A,X)24-CR-51,,TTY,,DT) | (22-TI-0(A,X)24-CR-51,,TTY,,EOB/FCT) |
| E1964.060 | (23-V-51(A,3N)25-MN-52-G,M+,TTY,,DT) | (23-V-51(A,3N)25-MN-52-G,M+,TTY,,EOB/FCT) |
| E1964.061 | (23-V-51(A,N)25-MN-54,,TTY,,DT) | (23-V-51(A,N)25-MN-54,,TTY,,EOB/FCT) |
| E1964.062 | (24-CR-50(A,X)25-MN-52-G,CUM,TTY,,DT) | (24-CR-0(A,X)25-MN-52-G,CUM,TTY,,EOB/FCT) |
| E1964.063 | (24-CR-50(A,2N)26-FE-52-G,,TTY,,DT) | (24-CR-0(A,X)26-FE-52-G,,TTY,,EOB/FCT) |
| E1964.064 | (24-CR-52(A,X)25-MN-54,,TTY,,DT) | (24-CR-0(A,X)25-MN-54,,TTY,,EOB/FCT) |
| E1964.065 | (24-CR-54(A,X)25-MN-56,CUM,TTY,,DT) | (24-CR-0(A,X)25-MN-56,CUM,TTY,,EOB/FCT) |
| E1964.066 | (26-FE-54(A,X)27-CO-56,CUM,TTY,,DT) | (26-FE-0(A,X)27-CO-56,CUM,TTY,,EOB/FCT) |
| E1964.067 | (26-FE-0(A,X)28-NI-57,,TTY,,DT) | (26-FE-0(A,X)28-NI-57,,TTY,,EOB/FCT) |
| E1964.068 | (26-FE-56(A,X)27-CO-58-G,M+,TTY,,DT) | (26-FE-0(A,X)27-CO-58-G,M+,TTY,,EOB/FCT) |
| E1964.069 | (27-CO-59(A,X)27-CO-61,CUM,TTY,,DT) | (27-CO-59(A,X)27-CO-61,CUM,TTY,,EOB/FCT) |
| E1964.070 | (27-CO-59(A,2N)29-CU-61,,TTY,,DT) | (27-CO-59(A,2N)29-CU-61,,TTY,,EOB/FCT) |
| E1964.071 | (28-NI-58(A,X)29-CU-61,CUM,TTY,,DT) | (28-NI-0(A,X)29-CU-61,CUM,TTY,,EOB/FCT) |
| E1964.072 | (29-CU-63(A,N)31-GA-66,,TTY,,DT) | (29-CU-0(A,X)31-GA-66,,TTY,,EOB/FCT) |
| E1964.073 | (29-CU-65(A,2N)31-GA-67,,TTY,,DT) | (29-CU-0(A,X)31-GA-67,,TTY,,EOB/FCT) |
| E1964.074 | (32-GE-70(A,X)33-AS-72,(CUM),TTY,,DT) | (32-GE-0(A,X)33-AS-72,(CUM),TTY,,EOB/FCT) |
| E1964.075 | (32-GE-70(A,N)34-SE-73-G,M+,TTY,,DT) | (32-GE-0(A,X)34-SE-73-G,M+,TTY,,EOB/FCT) |
| E1964.076 | (39-Y-89(A,N)41-NB-92-M,,TTY,,DT) | (39-Y-89(A,N)41-NB-92-M,,TTY,,EOB/FCT) |
| E1964.077 | (40-ZR-90(A,N)42-MO-93-M,,TTY,,DT) | (40-ZR-0(A,X)42-MO-93-M,,TTY,,EOB/FCT) |
| E1964.078 | (40-ZR-96(A,X)42-MO-99,CUM,TTY,,DT) | (40-ZR-0(A,X)42-MO-99,CUM,TTY,,EOB/FCT) |
| E1964.079 | (41-NB-93(A,2N)43-TC-95-G,(M),TTY,,DT) | (41-NB-93(A,2N)43-TC-95-G,(M),TTY,,EOB/FCT) |
| E1964.080 | (41-NB-93(A,N)43-TC-96-G,M+,TTY,,DT) | (41-NB-93(A,N)43-TC-96-G,M+,TTY,,EOB/FCT) |
| E1964.081 | (42-MO-92(A,X)43-TC-94-G,(CUM),TTY,,DT) | (42-MO-0(A,X)43-TC-94-G,(CUM),TTY,,EOB/FCT) |
| E1964.082.1 | (42-MO-92(A,X)43-TC-95-G,CUM,TTY,,DT) | (42-MO-0(A,X)43-TC-95-G,CUM,TTY,,EOB/FCT) |
| E1964.082.2 | (42-MO-92(A,P)43-TC-95-G,M+,TTY,,DT) | (42-MO-0(A,X)43-TC-95-G,M+,TTY,,EOB/FCT) |
| E1964.083 | (42-MO-92(A,X)43-TC-95-M,CUM,TTY,,DT) | (42-MO-0(A,X)43-TC-95-M,CUM,TTY,,EOB/FCT) |
| E1964.084 | (42-MO-92(A,N)44-RU-95,,TTY,,DT) | (42-MO-0(A,X)44-RU-95,,TTY,,EOB/FCT) |
| E1964.085 | (42-MO-94(A,N)44-RU-97,,TTY,,DT) | (42-MO-0(A,X)44-RU-97,,TTY,,EOB/FCT) |
| E1964.086 | (42-MO-100(A,X)44-RU-103,CUM,TTY,,DT) | (42-MO-0(A,X)44-RU-103,CUM,TTY,,EOB/FCT) |
| E1964.087 | (45-RH-103(A,N)47-AG-106-M,,TTY,,DT) | (45-RH-103(A,N)47-AG-106-M,,TTY,,EOB/FCT) |
| E1964.088 | (45-RH-103(A,2N)47-AG-105-G,M+,TTY,,DT) | (45-RH-103(A,2N)47-AG-105-G,M+,TTY,,EOB/FCT) |
| E1964.089 | (47-AG-107(A,2N)49-IN-109-G,M+,TTY,,DT) | (47-AG-0(A,X)49-IN-109-G,M+,TTY,,EOB/FCT) |
| E1964.090 | (47-AG-107(A,N)49-IN-110-G,,TTY,,DT) | (47-AG-0(A,X)49-IN-110-G,,TTY,,EOB/FCT) |
| E1964.091 | (47-AG-109(A,2N)49-IN-111-G,M+,TTY,,DT) | (47-AG-0(A,X)49-IN-111-G,M+,TTY,,EOB/FCT) |
| E1964.092 | (73-TA-181(A,2N)75-RE-183,,TTY,,DT) | (73-TA-181(A,2N)75-RE-183,,TTY,,EOB/FCT) |
| E1964.093 | (73-TA-181(A,N)75-RE-184-G,(M),TTY,,DT) | (73-TA-181(A,N)75-RE-184-G,(M),TTY,,EOB/FCT) |
| E1964.094 | (74-W-182(A,3N)76-OS-183-G,M+,TTY,,DT) | (74-W-0(A,X)76-OS-183-G,M+,TTY,,EOB/FCT) |
| E1964.095 | (74-W-0(A,X)76-OS-185,,TTY,,DT) | (74-W-0(A,X)76-OS-185,,TTY,,EOB/FCT) |
| E1964.096 | (74-W-186(A,X)74-W-187,CUM,TTY,,DT) | (74-W-0(A,X)74-W-187,CUM,TTY,,EOB/FCT) |
| E1964.097 | (78-PT-194(A,N)80-HG-197-M,,TTY,,DT) | (78-PT-0(A,X)80-HG-197-M,,TTY,,EOB/FCT) |
|  |  |  |  |  |
| E1965.002 | (22-TI-48(P,N)23-V-48,,TTY,,DT) | (22-TI-48(P,N)23-V-48,,TTY,,EOB) | Irradiation was done for 1h 1uA, most probably data refer to EOB. TIME-IRRD inserted. If data were measured on natural elemental targets and were not converted to 100% isotopic abundance, SF1 should be changed to natural target.  [1h-1uA yield data. Add TIME-IRRD=1hr]. | E125 |
| E1965.003 | (24-CR-52(P,N)25-MN-52-G,M+,TTY,,DT) | (24-CR-52(P,N)25-MN-52-G,M+,TTY,,EOB) |
| E1965.004 | (26-FE-56(P,N)27-CO-56,,TTY,,DT) | (26-FE-56(P,N)27-CO-56,,TTY,,EOB) |
| E1965.005 | ((28-NI-61(P,N)29-CU-61,,TTY,,DT/A)+  (28-NI-60(P,G)29-CU-61,,TTY,,DT/A)) | (28-NI-0(P,X)29-CU-61,,TTY,,EOB) |
| E1965.006 | (29-CU-63(P,N)30-ZN-63,,TTY,,DT) | (29-CU-63(P,N)30-ZN-63,,TTY,,EOB) |
| E1965.007 | (30-ZN-66(P,N)31-GA-66,,TTY,,DT) | (30-ZN-66(P,N)31-GA-66,,TTY,,EOB) |
| E1965.008 | (31-GA-69(P,N)32-GE-69,,TTY,,DT) | (31-GA-69(P,N)32-GE-69,,TTY,,EOB) |
| E1965.009 | (32-GE-72(P,N)33-AS-72,,TTY,,DT) | (32-GE-72(P,N)33-AS-72,,TTY,,EOB) |
| E1965.010 | (33-AS-75(P,N)34-SE-75,,TTY,,DT) | (33-AS-75(P,N)34-SE-75,,TTY,,EOB) |
| E1965.011 | (34-SE-82(P,N)35-BR-82-G,(M),TTY,,DT) | (34-SE-82(P,N)35-BR-82-G,(M),TTY,,EOB) |
| E1965.012 | (40-ZR-90(P,N)41-NB-90-G,M+,TTY,,DT) | (40-ZR-90(P,N)41-NB-90-G,M+,TTY,,EOB) |
| E1965.013 | (41-NB-93(P,N)42-MO-93-M,,TTY,,DT) | (41-NB-93(P,N)42-MO-93-M,,TTY,,EOB) |
| E1965.014 | (42-MO-95(P,N)43-TC-95-G,M+,TTY,,DT) | (42-MO-95(P,N)43-TC-95-G,M+,TTY,,EOB) |
| E1965.015 | (48-CD-111(P,N)49-IN-111-G,M+,TTY,,DT) | (48-CD-111(P,N)49-IN-111-G,M+,TTY,,EOB) |
| E1965.016 | (50-SN-122(P,N)51-SB-122-G,M+,TTY,,DT) | (50-SN-122(P,N)51-SB-122-G,M+,TTY,,EOB) |
| E1965.017 | (51-SB-121(P,N)52-TE-121-G,(M),TTY,,DT) | (51-SB-121(P,N)52-TE-121-G,(M),TTY,,EOB) |
| E1965.018 | (52-TE-130(P,N)53-I-130-G,M+,TTY,,DT) | (52-TE-130(P,N)53-I-130-G,M+,TTY,,EOB) |
| E1965.019 | (82-PB-206(P,N)83-BI-206,,TTY,,DT) | (82-PB-206(P,N)83-BI-206,,TTY,,EOB) |
|  |  |  |  |  |
| E1967.010 | (35-BR-79(A,2N)37-RB-81-G,M+,TTY,,DT,DERIV) | (35-BR-79(A,2N)37-RB-81-G,M+,TTY,,EOB/MSC,DERIV) | According to the article DATA refer to 1h 1uA irradiation. TIME-IRRD inserted.  [EOB yield without irradiation time specification. 1-hr EOB yield? ] | E125 |
| E1967.011 | (35-BR-0(HE3,X)37-RB-81-G,M+,TTY,,DT,DERIV) | (35-BR-0(HE3,X)37-RB-81-G,M+,TTY,,EOB/MSC,DERIV) |
| E1967.012 | (35-BR-81(HE3,2N)37-RB-82-M,,TTY,,DT,DERIV) | (35-BR-81(HE3,2N)37-RB-82-M,,TTY,,EOB/MSC,DERIV) |
| E1967.013 | (35-BR-0(HE3,X)36-KR-79-G,CUM,TTY,,DT,DERIV) | (35-BR-0(HE3,X)36-KR-79-G,CUM,TTY,,EOB/MSC,DERIV) |
|  |  |  |  |  |
| E1968.011 | (32-GE-0(P,X)32-GE-68,CUM,TTY,,DT,DERIV) | (32-GE-0(P,X)32-GE-68,CUM,TTY,,EOB,DERIV) | Irradiation time is not specified properly. 1 -2 h is given. 1 h irradiation supposed. Should be checked. EN-MIN and TIME-IRRD inserted in DATA section.  [T.Horiguchi confirmed (2018-06-15) that the 1-hr EOB yield is given. Add TIME-IRRD=1hr] | E125 |
|  |  |  |  |  |
| E2073.003 | (27-CO-59(A,2N)29-CU-61,,TTY,,DT,DERIV) | (27-CO-59(A,2N)29-CU-61,,TTY,EOB/MSC,DERIV) | No detailed information is given on yield calculation. (supposed to be (PHY).  [T1/2~3.4 hr.] | E125 |
| E2073.005 | (27-CO-59(HE3,N)29-CU-61,,TTY,,DT,DERIV) | (27-CO-59(HE3,N)29-CU-61,,TTY,,EOB/MSC,DERIV) |
|  |  |  |  |  |
| E2082.003 | (74-W-CMP(P,X)75-RE-186-G,,TTY,,,CALC) | (74-W-CMP(P,X)75-RE-186-G,,TTY,,SAT,DERIV) | No detailed information is given on yield calculation. EOB activity is supposed to be published with 1h irradiation time. TIME-IRRD inserted. Irradiation time should be checked.  [The author explains that this is the yield for irradiation enough longer than T1/2]. | E125 |
| E2082.004 | (74-W-186(P,N)75-RE-186-G,,TTY,,,CALC) | (74-W-186(P,N)75-RE-186-G,,TTY,,SAT,DERIV) |
|  |  |  |  |  |
| E2086.002 | (16-S-32(A,X)17-CL-34-M,,TTY,,DT) | (16-S-32(A,X)17-CL-34-M,,TTY,,EOB) | EOB activity was properly calculated. TIME-IRRD inserted.  [Add TIME-IRRD=1hr]. | E125 |
|  |  |  |  |  |
| E2103.002 | (16-S-32(A,X)17-CL-34-M,,TTY) | (16-S-32(A,X)17-CL-34-M,,TTY,,SAT) | SAT was inserted. No other changes. | E125 |
|  |  |  |  |  |
| E2138.002 | (28-NI-64(P,N)29-CU-64,,TTY,,DT) | (28-NI-OXI(P,N)29-CU-64,,TTY,,EOB/FCT) | Proper EOB activity is presented in the article. TIME-IRRD inserted.  [Enriched (99.4%) 64NiO used. Add TIME-IRRD=1 hr] | E125 |
|  |  |  |  |  |
| E2153.008 | (51-SB-0(A,X)53-I-123,,TTY,,DT) | (51-SB-0(A,X)53-I-123,,TTY,,(PHY),DERIV) | No PDF file available, Article in Japanese. TTY depends on CS -> it was derived from experimental cross section PHY,DERIV.  [T1/2>>1 hr except for 121I]. | E125 |
| E2153.009 | (51-SB-0(A,X)53-I-124,,TTY,,DT) | (51-SB-0(A,X)53-I-124,,TTY,,(PHY),DERIV) |
| E2153.010 | (51-SB-0(A,X)53-I-125,,TTY,,DT) | (51-SB-0(A,X)53-I-125,,TTY,,(PHY),DERIV) |
| E2153.011 | (51-SB-0(HE3,X)53-I-121,,TTY,,DT) | (Move to ADD-RES of 001.) |
| E2153.012 | (51-SB-0(HE3,X)53-I-123,,TTY,,DT) | (51-SB-0(HE3,X)53-I-123,,TTY,,(PHY),DERIV) |
| E2153.013 | (51-SB-0(HE3,X)53-I-124,,TTY,,DT) | (51-SB-0(HE3,X)53-I-124,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| E2323.003 | (3-LI-0(D,X)4-BE-7,,TTY,,PHY) | Ok |  |  |
| E2323.004 | (13-AL-27(D,X)11-NA-24,,TTY,,PHY) | Ok |  |  |
| E2323.005 | (13-AL-27(D,X)11-NA-22,,TTY,,PHY) | Ok |  |  |
| E2323.006 | (6-C-0(D,X)4-BE-7,,TTY,,PHY) | Ok |  |  |
| E2323.007 | (13-AL-27(D,X)4-BE-7,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| E2392.003 | (12-MG-26(A,P)13-AL-29,,TTY) | (12-MG-26(A,P)13-AL-29,,TTY,,SAT) | SF8=SAT no other changes. | E125 |
|  |  |  |  |  |
| E2395.008 | (30-ZN-0(A,X)31-GA-67,,TTY,,EOB,DERIV) | Ok | No pdf file available, Regarding the available information in the ENTRY EOB can be correct, No changes were made.  [Nagame-san is the first author.] |  |
| E2395.009 | (30-ZN-0(HE3,X)31-GA-67,,TTY,,EOB,DERIV) | Ok |  |
| E2395.010 | (30-ZN-0(A,X)32-GE-68,,TTY,,EOB,DERIV) | Ok |  |
| E2395.011 | (30-ZN-0(HE3,X)32-GE-68,,TTY,,EOB,DERIV) | Ok |  |
|  |  |  |  |  |
| E2396.005 | (42-MO-95(P,N)43-TC-95-M,,TTY,,EOB,DERIV) | Ok |  |  |
|  |  |  |  |  |
| E2397.004 | (25-MN-55(P,4N)26-FE-52-G,,TTY,,EOB,DERIV) | Ok |  |  |
|  |  |  |  |  |
| E2404.009 | (22-TI-0(D,X)23-V-48,,TTY,,PHY,DERIV) | Ok |  |  |
| E2404.010 | (22-TI-0(D,X)21-SC-43,,TTY,,PHY,DERIV) | Ok |  |  |
| E2404.011 | (22-TI-0(D,X)21-SC-44-M,,TTY,,PHY,DERIV) | Ok |  |  |
| E2404.012 | (22-TI-0(D,X)21-SC-44-G,,TTY,,PHY,DERIV) | Ok |  |  |
| E2404.013 | (22-TI-0(D,X)21-SC-46,,TTY,,PHY,DERIV) | Ok |  |  |
| E2404.014 | (22-TI-0(D,X)21-SC-47,,TTY,,PHY,DERIV) | Ok |  |  |
| E2404.015 | (22-TI-0(D,X)21-SC-48,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| E2439.011 | (26-FE-0(D,X)27-CO-55,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.012 | (26-FE-0(D,X)27-CO-56,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.013 | (26-FE-0(D,X)27-CO-57,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.014 | (26-FE-0(D,X)27-CO-58,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.015 | (26-FE-0(D,X)25-MN-52-G,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.016 | (26-FE-0(D,X)25-MN-54,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.017 | (26-FE-0(D,X)25-MN-56,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.018 | (26-FE-0(D,X)24-CR-51,,TTY,,PHY,DERIV) | Ok |  |  |
| E2439.019 | (26-FE-0(D,X)26-FE-59,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| E2476.002 | (83-BI-209(A,2N)85-AT-211,,TTY,,EOB) | Ok |  |  |
|  |  |  |  |  |
| F0577.004 | (7-N-15(P,A)6-C-12,PAR,TTY,,REL) | (7-N-15(P,A)6-C-12,PAR,MLT,G,TT/REL) | Product yield. Gamma is measured. | F069 |
|  |  |  |  |  |
| F0618.002 | (15-P-31(A,N)17-CL-34-M,,TTY,,DT) | (15-P-31(A,N)17-CL-34-M,,TTY,,EOB) | Article said data refer to 1h 1uA irradiation. Not sure if it was calculated properly. TIME-IRRD inserted. | F069 |
| F0618.003 | (16-S-32(A,N+P)17-CL-34-M,,TTY,,DT) | (16-S-32(A,X)17-CL-34-M,,TTY,,EOB) |
| F0618.004 | (17-CL-35(A,N+A)17-CL-34-M,,TTY,,DT) | (17-CL-35(A,N+A)17-CL-34-M,,TTY,,EOB) |
|  |  |  |  |  |
| F0703.002 | (8-O-16(T,N)9-F-18,,TTY,,REL) |  | No changes were made.  [***Delete?*** Thick target yield of gammas in n Al matrix.] | F069 |
| F0703.003 | (13-AL-27(T,P)13-AL-29,,TTY,,REL) |  |
| F0703.004 | (12-MG-25(T,P)12-MG-27,,TTY,,REL) |  |
| F0703.005 | (12-MG-26(T,P)12-MG-28,,TTY,,REL) |  |
| F0703.006 | (14-SI-28(T,N)15-P-30,,TTY,,REL) |  |
| F0703.007 | (5-B-10(T,2N)6-C-11,,TTY,,REL) |  |
| F0703.008 | (16-S-32(T,N)17-CL-34-M,,TTY,,REL) |  |
| F0703.009 | (31-GA-71(T,P)31-GA-73,,TTY,,REL) |  |
| F0703.010 | (33-AS-75(T,D)33-AS-76,,TTY,,REL) |  |
|  |  |  |  |  |
| F0999.002 | ((30-ZN-67(P,N)31-GA-67,,TTY,,PHY/A)+  (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY/A)) | (30-ZN-0(P,X)31-GA-67,,TTY,,PHY) | No changes were made. Article in Russian, equation is given.  [Dmitriev’s yield] | F069 |
| F0999.003 | ((30-ZN-66(D,N)31-GA-67,,TTY,,PHY/A)+  (30-ZN-67(D,2N)31-GA-67,,TTY,,PHY/A)+  (30-ZN-68(D,3N)31-GA-67,,TTY,,PHY/A)) | (30-ZN-0(D,X)31-GA-67,,TTY,,PHY) |
| F0999.004 | ((30-ZN-64(A,P)31-GA-67,,TTY,,PHY/A)+  (30-ZN-64(A,N)32-GE-67,,TTY,,PHY/A)+  (30-ZN-66(A,2N+P)31-GA-67,,TTY,,PHY/A)+  (30-ZN-66(A,3N)32-GE-67,,TTY,,PHY/A)) | (30-ZN-0(A,X)31-GA-67,CUM,TTY,,PHY |
| F0999.005 | (29-CU-65(A,2N)31-GA-67,,TTY,,PHY/A) | (29-CU-0(A,X)31-GA-67,,TTY,,PHY) |
| F0999.006 | ((30-ZN-67(P,N)31-GA-67,,TTY,,PHY/A)+  (30-ZN-68(P,2N)31-GA-67,,TTY,,PHY/A)) | (30-ZN-0(P,X)31-GA-67,,TTY,,PHY) |
| F0999.007 | ((30-ZN-66(D,N)31-GA-67,,TTY,,PHY/A)+  (30-ZN-67(D,2N)31-GA-67,,TTY,,PHY/A)+  (30-ZN-68(D,3N)31-GA-67,,TTY,,PHY/A)) | (30-ZN-0(D,X)31-GA-67,,TTY,,PHY) |
| F0999.008 | ((30-ZN-64(A,P)31-GA-67,,TTY,,PHY/A)+  (30-ZN-64(A,N)32-GE-67,,TTY,,PHY/A)+  (30-ZN-66(A,2N+P)31-GA-67,,TTY,,PHY/A)+  (30-ZN-66(A,3N)32-GE-67,,TTY,,PHY/A)) | (30-ZN-0(A,X)31-GA-67,CUM,TTY,,PHY) |
| F0999.009 | (29-CU-65(A,2N)31-GA-67,,TTY,,PHY/A) | (29-CU-0(A,X)31-GA-67,,TTY,,PHY) |
| F0999.010 | ((32-GE-70(P,A)31-GA-67,,TTY,,PHY/A)+  (32-GE-72(P,2N+A)31-GA-67,,TTY,,PHY/A)) | (32-GE-0(P,X)31-GA-67,,TTY,,PHY) |
| F0999.011 | ((32-GE-70(D,N+A)31-GA-67,,TTY,,PHY/A)+  (32-GE-72(D,3N+A)31-GA-67,,TTY,,PHY/A)) | (32-GE-0(D,X)31-GA-67,,TTY,,PHY) |
|  |  |  |  |  |
| F1214.002 | (24-CR-0(P,X)25-MN-52,,TTY,,PHY) | Ok | Reference is given how to calculate PHY.  [Dmitriev’s yield] | F069 |
| F1214.003 | (24-CR-0(D,X)25-MN-52,,TTY,,PHY) | Ok |
| F1214.004 | ((24-CR-0(A,X)25-MN-52,,TTY,,PHY)=  (24-CR-50(A,X)25-MN-52,,TTY,,PHY)) | (24-CR-0(A,X)25-MN-52,,TTY,,PHY) |
| F1214.005 | ((23-V-0(A,X)25-MN-52,,TTY,,PHY)=  (23-V-51(A,3N)25-MN-52,,TTY,,PHY)) | (23-V-51(A,3N)25-MN-52,,TTY,,PHY) |
| F1214.006 | ((26-FE-0(D,X)25-MN-52,,TTY,,PHY)=  (26-FE-54(D,A)25-MN-52,,TTY,,PHY)) | (26-FE-0(D,X)25-MN-52,,TTY,,PHY) |
|  |  |  |  |  |
| F1220.004 | (12-MG-0(D,X)11-NA-22,,TTY,,PHY) | Ok |  |  |
| F1220.006 | (26-FE-54(D,A)25-MN-52-G,,TTY,,PHY) | Ok |  |  |
| F1220.009 | (26-FE-54(D,N)27-CO-55,,TTY,,PHY) | Ok |  |  |
| F1220.012 | (30-ZN-66(D,2N)31-GA-66,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| F1221.003 | (29-CU-65(D,2N)30-ZN-65,,TTY,,PHY,DERIV) | Ok |  |  |
| F1221.004 | (29-CU-65(D,2N)30-ZN-65,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| F1224.002 | (24-CR-0(P,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.003 | (25-MN-55(P,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.004 | (24-CR-0(D,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.005 | (26-FE-0(D,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.006 | (23-V-51(A,N)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.007 | (24-CR-0(A,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.008 | (25-MN-55(P,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.009 | (24-CR-0(P,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.010 | (26-FE-0(D,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.011 | (24-CR-0(D,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.012 | (24-CR-0(A,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
| F1224.013 | (23-V-0(A,X)25-MN-54,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| F1231.002 | (63-EU-0(D,X)64-GD-151,,TTY,,PHY) | Ok |  |  |
| F1231.003 | (63-EU-0(D,X)64-GD-151,,TTY,,PHY) | Ok |  |  |
| F1231.004 | (63-EU-0(D,X)64-GD-153,,TTY,,PHY) | Ok |  |  |
| F1231.005 | (63-EU-0(D,X)64-GD-153,,TTY,,PHY) | Ok |  |  |
| F1231.006 | (63-EU-0(P,X)64-GD-151,,TTY,,PHY) | Ok |  |  |
| F1231.007 | (63-EU-0(P,X)64-GD-151,,TTY,,PHY) | Ok |  |  |
| F1231.008 | (63-EU-0(P,X)64-GD-153,,TTY,,PHY) | Ok |  |  |
| F1231.009 | (63-EU-0(P,X)64-GD-153,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| F1236.002 | (38-SR-0(A,X)40-ZR-89,,TTY,,PHY) | Ok |  |  |
| F1236.003 | (38-SR-0(A,X)40-ZR-88,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| F1240.005 | (47-AG-109(D,2N)48-CD-109,,TTY,,PHY) | Ok |  |  |
| F1240.006 | (47-AG-109(P,N)48-CD-109,,TTY,,PHY) | Ok |  |  |
| F1240.007 | (47-AG-107(A,X)48-CD-109,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| M0036.002 | (82-PB-0(G,X)0-NN-1,,TTY/DA,,BRA/REL) | (82-PB-0(G,X)0-NN-1,,PY/DA,,TT/BRA/MSC) | [Neutron flux density in n/sec/cm2] | M081 |
| M0036.008 | (82-PB-0(G,X)0-NN-1,,TTY/DA,,BRA/REL) | (82-PB-0(G,X)0-NN-1,,PY/DA,,TT/BRA/MSC) |
| M0036.014 | (82-PB-0(G,X)0-NN-1,,TTY,,BRA/REL) | (82-PB-0(G,X)0-NN-1,,PY,,TT/BRA/MSC) | [Neutron flux in n/sec]  (registered in Feedback List) | M096 |
|  |  |  |  |  |
| M0601.004 | (92-U-235(G,X)0-NN-1,,TTY,,BRS/REL,EXP) | (92-U-235(G,X)0-NN-1,,SIG,,BRA/MSC) | [Neutron yield from positron irradiation] | M094 |
| M0601.005 | (92-U-235(G,X)0-NN-1,,TTY,,BRS/REL,EXP) | (92-U-235(G,X)0-NN-1,,SIG,,BRA) | [Neutron yield from electron irradiation] |
|  |  |  |  |  |
| M0623.008 | (12-MG-0(G,X)1-H-1,,TTY,,REL,EXP) | (12-MG-0(G,X)1-H-1,,SIG,,BRA/REL) |  | M081 |
| M0623.009 | ((15-P-31(G,P)14-SI-30,,TTY,,REL,EXP)+  (15-P-31(G,N+P)14-SI-29,,TTY,,REL,EXP)) | (15-P-31(G,X)1-H-1,,SIG,,BRA/REL) | (registered in Feedback List) | M096 |
| M0623.010 | ((16-S-32(G,P)15-P-31,,TTY,,REL,EXP)+  (16-S-32(G,N+P)15-P-30,,TTY,,REL,EXP)) | (16-S-0(G,X)1-H-1,,SIG,,BRA/REL) |  | M081 |
|  |  |  |  |  |
| M0754.002 | (49-IN-115(G,INL)49-IN-115-M,,TTY,,BRA/REL) | (49-IN-115(G,INL)49-IN-115-M,,SIG,,BRA/REL) |  | M094 |
|  |  |  |  |  |
| O0298.002.2 | (43-TC-99(P,3N)44-RU-97,,TTY,,DT) | (43-TC-99(P,3N)44-RU-97,,TTY,,(PHY),DERIV) | Not clear how the yield was calculated. The integral yield should be summed up started from the low energy.  [Obtained by integrating the excitation functions.] | O068 |
| O0298.003.2 | (43-TC-99(P,4N+P)43-TC-95-G,,TTY,,DT) | (43-TC-99(P,X)43-TC-95-G,,TTY,,(PHY),DERIV) |
| O0298.004.2 | (43-TC-99(P,3N+P)43-TC-96-G,,TTY,,DT) | (43-TC-99(P,X)43-TC-96-G,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| O0306.011 | (82-PB-206(P,X)81-TL-201,CUM,TTY,,DT) | (Move to ADD-RES) | Not clear how the yield was calculated.  [Thin target yield without specification of in- and out-energy.] | O068 |
| O0306.012 | (82-PB-206(P,X)81-TL-200,CUM,TTY,,DT) | (Move to ADD-RES) |
| O0306.013 | (82-PB-206(P,X)81-TL-202,CUM,TTY,,DT) | (Move to ADD-RES) |
| O0306.014 | (82-PB-207(P,X)81-TL-201,CUM,TTY,,DT) | (Move to ADD-RES) |
| O0306.015 | (82-PB-207(P,X)81-TL-200,CUM,TTY,,DT) | (Move to ADD-RES) |
| O0306.016 | (82-PB-207(P,X)81-TL-202,CUM,TTY,,DT) | (Move to ADD-RES) |
| O0306.017 | (82-PB-208(P,X)81-TL-201,CUM,TTY,,DT) | (Move to ADD-RES) |
| O0306.018 | (82-PB-208(P,X)81-TL-200,CUM,TTY,,DT) | (Move to ADD-RES) |
| O0306.019 | (82-PB-208(P,X)81-TL-202,,TTY,,DT) | (Move to ADD-RES) |
|  |  |  |  |  |
| O0530.002 | (27-CO-59(P,X)26-FE-55,,TTY,,PHY) | Ok |  |  |
| O0530.003.1 | (27-CO-59(P,X)26-FE-59,,TTY,,PHY) | Ok |  |  |
| O0530.003.2 | ((27-CO-59(P,X)26-FE-59,,TTY,,PHY)/  (27-CO-59(P,X)26-FE-55,,TTY,,PHY)) | Ok |  |  |
| O0530.004 | (27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY,DERIV) | Ok |  |  |
| O0530.005 | (25-MN-55(P,N)26-FE-55,,TTY,,PHY) | Ok |  |  |
| O0530.006 | (27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY) | Ok |  |  |
| O0530.007 | (27-CO-59(P,X)26-FE-55,CUM,TTY,,PHY,DERIV) | Ok |  |  |
| O0530.008 | (28-NI-0(P,X)26-FE-55,CUM,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| O0674.002 | (28-NI-58(P,A)27-CO-55,,TTY,,DT) | (28-NI-58(P,A)27-CO-55,,TTY,,EOB) | Information given in the article are not consistent. The presented EOB activity and "EOB yield " are different. 3h-10uA irrad 240MBq at EOB -> 24MBq/uA for a 3h irrad. The information on irradiation given in the article do not provide the results given in the table.  [EOB yield in MBq/uA-hr.  Qaim is the corresponding author.  Add TIME-IRRD=1 hr.  MBQ/MUAHR -> MBQ/MUA] | O072 |
| O0674.003 | (28-NI-58(P,2P)27-CO-57,,TTY,,DT) | (28-NI-58(P,2P)27-CO-57,,TTY,,EOB) | Due to long half life it can be PHY. 5h-10uA.  [EOB yield in MBq/uA-hr.  Qaim is the corresponding author.  Add TIME-IRRD=1 hr.  MBQ/MUAHR -> MBQ/MUA |
|  |  |  |  |  |
| O0772.002 | (74-W-186(P,A)73-TA-183,,TTY,,DT) | (Delete) | Data are not consistent. EOB activity was divided by irradiation time and beam intensity to have Bq/uAh unit. Wrong practice. Data value can be wrong.  [The authors conclude 516+/342 Bq/uA-h which relation with Table 1 values are unclear.] | O072 |
|  |  |  |  |  |
| O0778.002 | (30-ZN-0(D,X)ELEM/MASS,,TTY,,PHY) | Ok | [“EOIB” from Bonardi’s group] |  |
| O0778.003 | (30-ZN-0(D,X)29-CU-64,,TTY,,TM) | (30-ZN-0(D,X)29-CU-64,,TTY/DEN,,PHY) | Data were taken from figure. Yield unit in the figure is incorrect. **Energy scale should be digitized again.** Only the mid energy points should be given.  [Thin target yield in MBq/C/MeV from Bonardi’s group] | O074 |
| O0778.004 | (30-ZN-0(D,X)29-CU-61,CUM,TTY,,TM) | (30-ZN-0(D,X)29-CU-61,CUM,TTY/DEN,,PHY) |
|  |  |  |  |  |
| O0847.002 | (36-KR-0(P,X)37-RB-84-M,IND,TTY,,DT) | (36-KR-0(P,X)37-RB-84-M,,TTY/DEN,,PHY) | Data were taken from figure. Yield unit in the figure is incorrect. **Energy scale should be digitized again.** Only the mid energy points should be given.  [Thin target yield uCi/uA/sec/MeV from Bonadri’s group. The unit printed on y-axis of Fig.2 is probably wrong.]]. | O068 |
| O0847.003 | (36-KR-0(P,X)37-RB-81-G,IND/M+,TTY,,DT) | (36-KR-0(P,X)37-RB-81-G,M+,TTY/DEN,,PHY) |
| O0847.004 | (36-KR-0(P,X)37-RB-82-M,IND,TTY,,DT) | (36-KR-0(P,X)37-RB-82-M,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| O0901.065 | ((3-LI-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((3-LI-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) | //(82-PB-0(P,X)0-NN-1,,TTY) normalization was deleted.  [These ratios probably depend on the geometry, e.g., neutron detection angle. Delete these subentries?.] | O066 |
| O0901.066 | ((4-BE-9(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((4-BE-9(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.067 | ((5-B-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((5-B-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.068 | ((6-C-12(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((6-C-12(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.069 | ((7-N-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((7-N-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.070 | ((12-MG-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((12-MG-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.071 | ((14-SI-OXI(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((14-SI-OXI(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.072 | ((8-O-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((8-O-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.073 | ((11-NA-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((11-NA-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.074 | ((13-AL-27(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((13-AL-27(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.075 | ((14-SI-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((14-SI-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.076 | ((15-P-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((15-P-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.077 | ((16-S-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((16-S-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.078 | ((17-CL-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((17-CL-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.079 | ((19-K-CMP(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((19-K-CMP(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.080 | ((20-CA-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((20-CA-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.081 | ((22-TI-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((22-TI-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.082 | ((23-V-51(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((23-V-51(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.083 | ((26-FE-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((26-FE-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.084 | ((27-CO-59(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((27-CO-59(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.085 | ((28-NI-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((28-NI-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.086 | ((29-CU-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((29-CU-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.087 | ((30-ZN-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((30-ZN-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.088 | ((32-GE-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((32-GE-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.089 | ((39-Y-89(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((39-Y-89(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.090 | ((40-ZR-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((40-ZR-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.091 | ((41-NB-93(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((41-NB-93(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.092 | ((42-MO-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((42-MO-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.093 | ((44-RU-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((44-RU-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.094 | ((46-PD-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((46-PD-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.095 | ((47-AG-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((47-AG-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.096 | ((48-CD-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((48-CD-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.097 | ((49-IN-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((49-IN-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.098 | ((50-SN-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((50-SN-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.099 | ((51-SB-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((51-SB-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.100 | ((64-GD-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((64-GD-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.101 | ((70-YB-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((70-YB-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.102 | ((72-HF-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((72-HF-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.103 | ((73-TA-181(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((73-TA-181(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.104 | ((74-W-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((74-W-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.105 | ((78-PT-0(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((78-PT-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.106 | ((79-AU-197(P,X)0-NN-1,,TTY)//  (82-PB-0(P,X)0-NN-1,,TTY)) | ((79-AU-197(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT)) |
| O0901.107 | (82-PB-0(P,X)0-NN-1,,TTY,,REL) | (82-PB-0(P,X)0-NN-1,,PY,,TT)//  (82-PB-0(P,X)0-NN-1,,PY,,TT) |
|  |  |  |  |  |
| O0902.002 | (22-TI-0(P,G)23-V-49,,TTY,,REL) | (22-TI-0(P,X)0-G-0,PAR,PY,,TT/REL) |  | O061 |
|  |  |  |  |  |
| O1010.005.2 | (45-RH-103(P,N)46-PD-103,,TTY,,DT,DERIV) | (45-RH-103(P,N)46-PD-103,,TTY,,(PHY),EVAL) | Physical yield was calculated from cross section.  [“integral yield” calculated from evaluated cross section] | O072 |
|  |  |  |  |  |
| O1016.003 | (40-ZR-0(P,N)41-NB-90,,TTY,,DT) | (40-ZR-0(P,N)41-NB-90,,TTY,,EOB/A) |  | O058 |
|  |  |  |  |  |
| O1017.002 | (24-CR-CMP(D,X)ELEM/MASS,,TTY,,DT) | (24-CR-CMP(D,X)ELEM/MASS,,TTY,,EOB) | 1h-3uA irradiation. Data refer to EOB. TIME-IRRD included in COMMON section.  [The authors explain “yields normalized to 1uA-h. Add TIME-IRRD=1 hr] | O072 |
|  |  |  |  |  |
| O1037.002 | (48-CD-110(HE3,3N)50-SN-110,,TTY,,DT) | (Delete) | [Duplication of D4122.002.] | O072 |
|  |  |  |  |  |
| O1062.002 | (30-ZN-0(P,X)30-ZN-65,,TTY,,DT/AV) | (30-ZN-0(P,X)30-ZN-65,,TTY/DEN,,PHY) | **Energy scale should be changed to the mean value, not Emin and Emax**. Unit should be change according to the article.  [Thin target yield in uCi/uAhr-MeV from Bonardi’s group] | O068 |
| O1062.003 | (30-ZN-0(P,X)31-GA-67,,TTY,,DT/AV) | (30-ZN-0(P,X)31-GA-67,,TTY/DEN,,PHY) |
| O1062.004 | (30-ZN-0(P,X)31-GA-66,,TTY,,DT/AV) | (30-ZN-0(P,X)31-GA-66,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| O1084.002 | (1-H-2(D,P)1-H-3,,TTY,,REL) | (1-H-2(D,P)1-H-3,,MLT,,TT/REL) |  | O072 |
| O1084.003 | (1-H-2(D,P)1-H-3,,TTY,,REL) | (1-H-2(D,P)1-H-3,,MLT,,TT/REL) |  |
|  |  |  |  |  |
| O1261.002 | (23-V-51(P,X)22-TI-44,,TTY,,DT) | (23-V-51(P,X)22-TI-44,,TTY,,PHY) | According to the wrong practice Yield was calculated as EOB activity divided by beam intensity and irradiation time. | O072 |
| O1261.003 | (25-MN-55(P,4N)26-FE-52-G,,TTY,,DT) | (25-MN-55(P,4N)26-FE-52-G,,TTY,,(PHY)) |
| O1261.004 | (35-BR-CMP(P,X)36-KR-77,,TTY,,DT) | (35-BR-CMP(P,X)36-KR-77,,TTY,,(PHY)) |
| O1261.005 | (37-RB-CMP(P,X)38-SR-82,,TTY,,DT) | (37-RB-CMP(P,X)38-SR-82,,TTY,,(PHY)) |
| O1261.006 | (43-TC-99(P,3N)44-RU-97,,TTY,,DT) | (43-TC-99(P,3N)44-RU-97,,TTY,,(PHY)) |
| O1261.007 | (48-CD-113(P,3N)49-IN-111,,TTY,,DT) | (48-CD-113(P,3N)49-IN-111,,TTY,,(PHY)) |
| O1261.008 | (48-CD-114(P,4N)49-IN-111,,TTY,,DT) | (48-CD-114(P,4N)49-IN-111,,TTY,,(PHY)) |
| O1261.009 | (53-I-127(P,5N)54-XE-123,,TTY,,DT) | (53-I-127(P,5N)54-XE-123,,TTY,,(PHY)) |
| O1261.010 | (55-CS-133(P,X)54-XE-127,,TTY,,DT) | (55-CS-133(P,X)54-XE-127,,TTY,,(PHY)) |
| O1261.011 | (55-CS-133(P,6N)56-BA-128,,TTY,,DT) | (55-CS-133(P,6N)56-BA-128,,TTY,,(PHY)) |
| O1261.012 | (82-PB-206(P,X)81-TL-201,CUM,TTY,,DT) | (82-PB-206(P,X)81-TL-201,CUM,TTY,,(PHY)) |
| O1261.013 | (82-PB-207(P,X)81-TL-201,,TTY,,DT) | (82-PB-207(P,X)81-TL-201,,TTY,,(PHY)) |
| O1261.014 | (82-PB-208(P,X)81-TL-201,,TTY,,DT) | (82-PB-208(P,X)81-TL-201,,TTY,,(PHY)) |
|  |  |  |  |  |
| O1264.002.0 | (80-HG-CMP(P,X)81-TL-200,,TTY,,DT) | (80-HG-CMP(P,X)81-TL-200,,TTY,,EOB/MSC) | Correction was done by SD. Not sure if the yield calculation was correct. No irradiation time. No beam current and no total charge was given.  [EOB yield without irradiation time specification. 1-hr EOB yield?] | O072 |
| O1264.002.1 | (80-HG-CMP(P,X)81-TL-201,,TTY,,DT) | (80-HG-CMP(P,X)81-TL-201,,TTY,,EOB/MSC) |
| O1264.002.2 | (80-HG-CMP(P,X)81-TL-202,,TTY,,DT) | (80-HG-CMP(P,X)81-TL-202,,TTY,,EOB/MSC) |
| O1264.003.0 | (80-HG-0(P,X)81-TL-200,,TTY,,DT) | (80-HG-0(P,X)81-TL-200,,TTY,,EOB/MSC) |
| O1264.003.1 | (80-HG-0(P,X)81-TL-201,,TTY,,DT) | (80-HG-0(P,X)81-TL-201,,TTY,,EOB/MSC) |
| O1264.003.2 | (80-HG-0(P,X)81-TL-202,,TTY,,DT) | (80-HG-0(P,X)81-TL-202,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| O1275.002.1 | (83-BI-209(A,2N)85-AT-211,,TTY,,SAT) | Ok |  |  |
| O1275.002.2 | (83-BI-209(A,2N)85-AT-211,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| O1332.002 | (52-TE-123(P,INL)52-TE-123-M,,TTY,,DT) | (52-TE-123(P,INL)52-TE-123-M,,TTY,,(PHY)) | No information is given on yield calculation, but long half life -> PHY  [Definition unclear but kBq/uA-hr, therefore (PHY).] | O072 |
|  |  |  |  |  |
| O1333.002 | (12-MG-CMP(D,X)11-NA-22,,TTY,,DT) | (12-MG-CMP(D,X)11-NA-22,,TTY,,(PHY)) | Long half life -> PHY.  [Definition unclear but uCi/A-hr, therefore (PHY).] | O072 |
|  |  |  |  |  |
| O1337.002 | (26-FE-56(6-C-12,X)31-GA-66,CUM,TTY,,DT) | (26-FE-56(6-C-12,X)31-GA-66,CUM,TTY,,EOB/MSC) | Data were corrected for the end of irradiation EOB, no irradiation time is given. TIME-IRRD should be included  [EOB yield without irradiation time specification. 1-hr EOB yield?] | O072 |
| O1337.003 | (26-FE-57(6-C-12,X)31-GA-67,CUM,TTY,,DT) | (26-FE-57(6-C-12,X)31-GA-67,CUM,TTY,,EOB/MSC) | Data were corrected for the end of irradiation EOB, no irradiation time is given. Long half life, therefore can be approximated as PHY.  [EOB yield without irradiation time specification. 1-hr EOB yield?] |
| O1337.004 | (26-FE-57(7-N-14,X)27-CO-58,,TTY,,DT) | (26-FE-57(7-N-14,X)27-CO-58,,TTY,,EOB/MSC) | Data were corrected for the end of irradiation EOB, no irradiation time is given. Long half life, therefore can be approximated as PHY.  [EOB yield without irradiation time specification. 1-hr EOB yield?] |
| O1337.005 | (26-FE-57(7-N-14,X)30-ZN-65,CUM,TTY,,DT) | (26-FE-57(7-N-14,X)30-ZN-65,CUM,TTY,,EOB/MSC) | Data were corrected for the end of irradiation EOB, no irradiation time is given. Long half life, therefore can be approximated as PHY.  [EOB yield without irradiation time specification. 1-hr EOB yield?] |
| O1337.006 | (26-FE-57(7-N-14,X)31-GA-66,CUM,TTY,,DT) | (26-FE-57(7-N-14,X)31-GA-66,CUM,TTY,,EOB/MSC) | Data were corrected for the end of irradiation EOB, no irradiation time is given. TIME-IRRD should be included  [EOB yield without irradiation time specification. 1-hr EOB yield?] |
| O1337.007 | (26-FE-57(7-N-14,X)31-GA-67,CUM,TTY,,DT) | (26-FE-57(7-N-14,X)31-GA-67,CUM,TTY,,EOB/MSC) | Data were corrected for the end of irradiation EOB, no irradiation time is given. Long half life, therefore can be approximated as PHY.  [EOB yield without irradiation time specification. 1-hr EOB yield?] |
| O1337.008 | (26-FE-57(7-N-14,X)32-GE-69,CUM,TTY,,DT) | (26-FE-57(7-N-14,X)32-GE-69,CUM,TTY,,EOB/MSC) | Data were corrected for the end of irradiation EOB, no irradiation time is given. TIME-IRRD should be included  [EOB yield without irradiation time specification. 1-hr EOB yield?] |
|  |  |  |  |  |
| O1508.002.1 | (30-ZN-64(D,2P)29-CU-64,,TTY,,PHY/MSC) | Ok |  |  |
| O1508.002.2 | (30-ZN-64(D,2P)29-CU-64,,TTY,,SAT) | Ok |  |  |
| O1508.003 | (30-ZN-64(D,X)ELEM/MASS,,TTY,,PHY/MSC) | Ok |  |  |
|  |  |  |  |  |
| O1511.007 | (59-PR-141(P,X)58-CE-139,,TTY,,DT,DERIV) | (59-PR-141(P,X)58-CE-139,,TTY,,PHY,DERIV) | Direct PHY measurements but CS is derived from PHY!!!!  [Production rate from Steyn’s group. 007 is derived from excitation function. 008 is directly measured yield for La2O3. 009 is elemental yield derived from La2O3 yield.] | O072 |
| O1511.008 | (57-LA-0(P,X)58-CE-139,,TTY,,DT) | (57-LA-OXI(P,X)58-CE-139,,TTY,,PHY) |
| O1511.009.2 | (57-LA-0(P,X)58-CE-139,,TTY,,DT,DERIV) | (57-LA-0(P,X)58-CE-139,,TTY,,PHY,DERIV) |
|  |  |  |  |  |
| O1538.002 | (52-TE-125(P,2N)53-I-124,,TTY,,DT) | (Delete) | No information is given on yield calculation, but long half life -> PHY.  [“Typical batch yield”] | O072 |
|  |  |  |  |  |
| O1582.006 | (52-TE-0(D,X)53-I-124,,TTY,,DT) | (52-TE-0(D,X)53-I-124,,TTY,,EOB/MSC) | Incident energy should be changed 15 - 8 MeV, according to text under the table the presented data is EOB activity, TIME-IRRD should be included, unit should be changed accordingly.  [EOB yield without irradiation time specification. 1-hr EOB yield? 010-012 are for enriched (91.7%) 124Te sample.] | O072 |
| O1582.007 | (52-TE-0(D,X)53-I-125,,TTY,,DT) | (52-TE-0(D,X)53-I-125,,TTY,,EOB/MSC) |
| O1582.008 | (52-TE-0(D,X)53-I-126,,TTY,,DT) | (52-TE-0(D,X)53-I-126,,TTY,,EOB/MSC) |
| O1582.009 | (52-TE-0(D,X)53-I-131,,TTY,,DT) | (52-TE-0(D,X)53-I-131,,TTY,,EOB/MSC) |
| O1582.010 | (52-TE-124(D,X)53-I-124,,TTY,,DT/FCT) | (Delete) |
| O1582.011 | (52-TE-124(D,X)53-I-125,,TTY,,DT/FCT) | (Delete) |
| O1582.012 | (52-TE-124(D,X)53-I-126,,TTY,,DT/FCT) | (Delete) |
|  |  |  |  |  |
| O1583.002 | (52-TE-124(P,N)53-I-124,,TTY,,DT) | (52-TE-124(P,N)53-I-124,,TTY,,(PHY)) | No details are given. Not sure if the yield was determined properly. (PHY). | O072 |
|  |  |  |  |  |
| O1584.002 | (52-TE-124(P,2N)53-I-123,,TTY,,DT) | (Delete) | Using wrong practice. Measured activity was divided by irradiation time and beam intensity. Short 13 h half life. Long 4 h irradiation, min 10% error. Data are miscalculated, units are incorrect.  [Thickness dependence of the yield without outgoing proton energy specification.] | O072 |
|  |  |  |  |  |
| O1585.002 | (48-CD-0(P,X)49-IN-111,,TTY,,DT) | (48-CD-0(P,X)49-IN-111,,TTY,,PHY) | No details are given but Dmitriev use to calculate properly the TTY. | O072 |
| O1585.003 | (48-CD-0(D,X)49-IN-111,,TTY,,DT) | (48-CD-0(D,X)49-IN-111,,TTY,,PHY) |
| O1585.004 | (47-AG-109(A,2N)49-IN-111,,TTY,,DT) | (47-AG-109(A,2N)49-IN-111,,TTY,,PHY) |
| O1585.005 | (48-CD-0(P,X)49-IN-114-M,,TTY,,DT) | (48-CD-0(P,X)49-IN-114-M,,TTY,,PHY) |
| O1585.006 | (48-CD-0(D,X)49-IN-114-M,,TTY,,DT) | (48-CD-0(D,X)49-IN-114-M,,TTY,,PHY) |
|  |  |  |  |  |
| O1586.004 | (48-CD-0(D,X)49-IN-114-M,,TTY,,DT,DERIV) | (Delete) |  | O056 |
|  |  |  |  |  |
| O1587.002 | (52-TE-124(D,2N)53-I-124,,TTY,,DT) | (52-TE-124(D,2N)53-I-124,,TTY,,(PHY)) | Using wrong practice. Measured activity was divided by irradiation time and beam intensity. Half-life is long enough to have PHY.  [Yield (mCi) / Dose (uA-h)] | O072 |
|  |  |  |  |  |
| O1597.002 | (52-TE-124(P,N)53-I-124,,TTY,,DT) | (Delete) | Not defined what was measured and when was measured. In best case it can be (EOB). Most probable it was batch yield which cannot be compiled. IF compiled as (EOB) TIME-IRRD should be included  [Definition unclear. Yield for am enriched (91.7%) 124TeO2 target.] | O072 |
| O1597.003 | (52-TE-124(D,2N)53-I-124,,TTY,,DT) | (Delete) |
| O1597.004 | (52-TE-0(P,X)53-I-124,,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| O1598.002 | (10-NE-20(D,A)9-F-18,,TTY,,DT) | (10-NE-20(D,A)9-F-18,,TTY,,(PHY)) | No details are given but even using wrong practice (measured activity divided by irradiation time and beam intensity) about 2% error is introduced (PHY) | O072 |
|  |  |  |  |  |
| O1619.002 | (36-KR-82(P,2N)37-RB-81-G,,TTY,,DT/A) | (Delete) | No details are given how the yield was determined. Relatively short half life (PHY)  [Definition unclear] | O072 |
| O1619.003 | (36-KR-82(P,N)37-RB-82-G,(M),TTY,,DT/A) | (Delete) | No details are given how the yield was determined. Short half life (SAT)  [Definition unclear] |
| O1619.004 | (36-KR-80(P,2N)37-RB-79,,TTY,,DT/A) | (Delete) | No details are given how the yield was determined. Short half life (SAT)  [Definition unclear] |
| O1619.005 | (36-KR-83(P,N)37-RB-83,,TTY,,DT/A) | (Delete) | No details are given how the yield was determined. Long half life PHY  [Definition unclear] |
| O1619.006 | (36-KR-84(P,N)37-RB-84,,TTY,,DT/A) | (Delete) | No details are given how the yield was determined. Long half life PHY  [Definition unclear] |
|  |  |  |  |  |
| O1620.002 | (36-KR-78(P,A)35-BR-75,,TTY,,DT) | (Delete) | No details are given! Energy range 20.5 - 14 MeV. 4h irradiation, 1.6h half life it is more (SAT) than (PHY)  [Dose dependence of the yield] | O072 |
| O1620.003 | (36-KR-80(P,A)35-BR-77,,TTY,,DT) | (Delete) | No details are given! Energy range 20.5 - 14 MeV. 4h irradiation, 57h half life it is more PHY) than PHY.  [Dose dependence of the yields] |
|  |  |  |  |  |
| O1622.002 | (16-S-34(P,N)17-CL-34-M,,TTY,,DT) | (16-S-34(P,N)17-CL-34-M,,TTY,,PHY) | Equation is given for PHY calculation | O072 |
| O1622.003 | (16-S-34(D,2N)17-CL-34-M,,TTY,,DT) | (16-S-34(D,2N)17-CL-34-M,,TTY,,PHY) |
|  |  |  |  |  |
| O1623.002 | (52-TE-122(P,2N)53-I-121,,TTY,,DT) | (Delete) | Bombarding energy 20.7 - 19.5 MeV should be corrected. EOB activity is given after 1h irradiation (using wrong practice). TIME-IRRD should be included  [Yield for an enriched (94.71%) 122TeO2 target. Thin target yield without outgoing energy.] | O072 |
|  |  |  |  |  |
| O1624.002 | (42-MO-100(P,N+P)42-MO-99,,TTY,,DT) | (42-MO-100(P,X)42-MO-99,,TTY,,(PHY)) | Sample description correction factor is wrong should be changed. No details are given for yield calculation.  [Yield measured with an enriched (9.63%) 100Mo sample and converted to the yield for 100Mo (97.42%) sample.] | O072 |
| O1624.003 | (42-MO-100(P,2N)43-TC-99-M,,TTY,,DT) | (42-MO-100(P,2N)43-TC-99-M,,TTY,,(PHY)) |
| O1624.004 | (42-MO-100(P,X)43-TC-94,,TTY,,DT) | (Delete) |
| O1624.005 | (42-MO-100(P,X)43-TC-95,,TTY,,DT) | (Delete) |
| O1624.006 | (42-MO-100(P,X)43-TC-93,,TTY,,DT) | (Delete) |
| O1624.007 | (42-MO-100(P,X)43-TC-96,,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| O1665.003.1 | (90-TH-232(P,3N)91-PA-230,,TTY,,DT,CALC) | (90-TH-232(P,3N)91-PA-230,,TTY,,(PHY),DERIV) | No details are given on yield calculation. Derived yield: most probable is PHY | O072 |
| O1665.003.2 | (90-TH-232(P,X)92-U-230,,TTY,,DT,CALC) | (90-TH-232(P,X)92-U-230,,TTY,,(PHY),DERIV) |
|  |  |  |  |  |
| O1666.002 | (54-XE-124(P,X)53-I-123,,TTY,,DT) | (Delete) | EOB activity from table 1 can be compiled. However, data in table 1 seems to be not consistent. Irradiation time, beam current, total activity are given -> can be calculated properly.  [Yield 7 hr of decay time after EOB] | O072 |
|  |  |  |  |  |
| O1725.002 | (74-W-0(P,X)75-RE-186-G,,TTY,,PHY) | (Ok) |  |  |
| O1725.003 | (74-W-186(P,N)75-RE-186-G,,TTY,,PHY) | (Ok) |  |  |
|  |  |  |  |  |
| O1737.002.2 | (42-MO-0(P,X)43-TC-99-M,,TTY,,DT) | (42-MO-0(P,X)43-TC-99-M,,TTY,,(PHY)) | Not appropriate PDF file is linked in EXFOR  [Delete. The units of the differential yields and integral yields in the article are contradicting each other.] | O072 |
| O1737.003.2 | (42-MO-0(P,X)43-TC-99,,TTY,,DT) | (42-MO-0(P,X)43-TC-99,,TTY,,(PHY)) |
|  |  |  |  |  |
| O1849.002 | (74-W-0(D,X)75-RE-186-G,,TTY,,PHY) | Ok |  |  |
| O1849.003 | (74-W-186(D,2N)75-RE-186-G,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| O1884.009 | (74-W-0(P,X)75-RE-181,,TTY,,PHY) | Ok |  |  |
| O1884.010 | (74-W-0(P,X)75-RE-182-M,,TTY,,PHY) | Ok |  |  |
| O1884.011 | (74-W-0(P,X)75-RE-182-G,,TTY,,PHY) | Ok |  |  |
| O1884.012 | (74-W-0(P,X)75-RE-183,,TTY,,PHY) | Ok |  |  |
| O1884.013 | (74-W-0(P,X)75-RE-184-G,,TTY,,PHY) | Ok |  |  |
| O1884.015 | (74-W-186(P,6N)75-RE-181,,TTY,,PHY) | Ok |  |  |
| O1884.016 | (74-W-186(P,5N)75-RE-182-M,,TTY,,PHY) | Ok |  |  |
| O1884.017 | (74-W-186(P,5N)75-RE-182-G,,TTY,,PHY) | Ok |  |  |
| O1884.018 | (74-W-186(P,3N)75-RE-184-G,,TTY,,PHY) | Ok |  |  |
|  |  |  |  |  |
| O1892.002.1 | (32-GE-0(P,X)33-AS-71,,TTY,,PHY) | (Delete) | EOB activity is given for 1h irradiation. TIME-IRRD should be included, data unit should be corrected. Batch yield for GeO2 target  [Batch yield for GeO2] | O072 |
| O1892.002.2 | (32-GE-0(P,X)33-AS-72,,TTY,,PHY) | (Delete) |
|  |  |  |  |  |
| O1960.002 | (39-Y-89(P,N)40-ZR-89,,TTY) | (39-Y-89(P,N)40-ZR-89,,TTY,,SAT) | SAT activity is given. | O072 |
|  |  |  |  |  |
| O1993.002 | (24-CR-0(D,X)24-CR-51,,TTY,,DT) | (24-CR-0(D,X)24-CR-51,,TTY,,PHY) | Thin target yield was measured. Straggling is given an incorrect way in table 2.  [Eq.(3) should give the yield in kBq/uA-h/MeV. Are the yields on the article energy differential TTY***???***] | O072 |
|  |  |  |  |  |
| O2020.003 | (30-ZN-70(D,X)ELEM/MASS,,TTY,,PHY/MSC) | (30-ZN-70(D,X)ELEM/MASS,,TTY,,PHY) | 67Cu and 71mZn data are wrong in table4, each was calculated with the half life of 64Cu. **The correct values are: 0.89 and 21.76 for 67Cu and 71mZn respectively.**  [Kozempel’s comment seems wrong. The relation  Yield=Activity\*λ/[1-exp(-λt)]/I  can be confirmed if Sandor’s comment is considered.] | O072 |
|  |  |  |  |  |
| O2100.002 | (79-AU-197(P,3N)80-HG-195-G,,TTY,,TM) | (79-AU-197(P,3N)80-HG-195-G,,TTY/DEN,,PHY) | No PDF file, but Bonardi published this kind of quantity  [Report in Italian. J,ARI,35,564,1984 explains the 195Hg yields as EOIB. Yields from Bondadi’s group] | O072 |
| O2100.003 | (79-AU-197(P,3N)80-HG-195-M,,TTY,,TM) | (79-AU-197(P,3N)80-HG-195-M,,TTY/DEN,,PHY) |
| O2100.004 | (79-AU-197(P,N)80-HG-197-G,,TTY,,TM) | (79-AU-197(P,N)80-HG-197-G,,TTY/DEN,,PHY) |
| O2100.005 | (79-AU-197(P,N)80-HG-197-M,,TTY,,TM) | (79-AU-197(P,N)80-HG-197-M,,TTY/DEN,,PHY) |
| O2100.006 | (79-AU-197(P,5N)80-HG-193-M,,TTY,,TM) | (79-AU-197(P,5N)80-HG-193-M,,TTY/DEN,,PHY) |
| O2100.007 | (79-AU-197(P,X)79-AU-196-G,,TTY,,TM) | (79-AU-197(P,X)79-AU-196-G,,TTY/DEN,,PHY) |
| O2100.008 | (79-AU-197(P,X)79-AU-196-M2,,TTY,,TM) | (79-AU-197(P,X)79-AU-196-M2,,TTY/DEN,,PHY) |
| O2100.009 | (79-AU-197(P,X)79-AU-194,,TTY,,TM) | (79-AU-197(P,X)79-AU-194,,TTY/DEN,,PHY) |
|  |  |  |  |  |
| O2135.003 | (37-RB-0(P,X)38-SR-82,,TTY,,PHY) | (37-RB-CMP(P,X)38-SR-82,,TTY,,EOB) | Explicit written that EOB activity is presented for 1h irradiation. Unit Should be changed accordingly. TIME-IRRD should be coded.  [Qaim is the first author.  Add TIME-IRRD=1 hr.  MBQ/MUAHR -> MBQ/MUA.] | O072 |
| O2135.004 | (37-RB-0(P,X)38-SR-85,,TTY,,PHY) | (37-RB-CMP(P,X)38-SR-85,,TTY,,EOB) |
|  |  |  |  |  |
| O2144.003 | (90-TH-230(HE3,3N)92-U-230,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| O2176.008.1 | (24-CR-0(P,X)25-MN-52-G,,TTY,,EOB,DERIV) | Ok |  |  |
| O2176.008.2 | (24-CR-0(P,X)25-MN-52-G,,TTY,,EOB) | Ok |  |  |
| O2176.009.1 | (24-CR-0(P,X)25-MN-52-M,,TTY,,EOB,DERIV) | Ok |  |  |
| O2176.009.2 | (24-CR-0(P,X)25-MN-52-M,,TTY,,EOB) | Ok |  |  |
| O2176.010.1 | (24-CR-0(P,X)24-CR-51,,TTY,,EOB,DERIV) | Ok |  |  |
| O2176.010.2 | (24-CR-0(P,X)24-CR-51,,TTY,,EOB) | Ok |  |  |
| O2176.011.1 | (24-CR-0(P,X)25-MN-52-G,,TTY,,SAT) | Ok |  |  |
| O2176.011.2 | (24-CR-0(P,X)25-MN-52-G,,TTY,,SAT,DERIV) | Ok |  |  |
| O2176.012.1 | (24-CR-0(P,X)25-MN-52-M,,TTY,,SAT) | Ok |  |  |
| O2176.012.2 | (24-CR-0(P,X)25-MN-52-M,,TTY,,SAT,DERIV) | Ok |  |  |
| O2176.013.1 | (24-CR-0(P,X)24-CR-51,,TTY,,SAT) | Ok |  |  |
| O2176.013.2 | (24-CR-0(P,X)24-CR-51,,TTY,,SAT,DERIV) | Ok |  |  |
|  |  |  |  |  |
| O2221.011 | (63-EU-0(D,X)64-GD-146,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.012 | (63-EU-0(D,X)64-GD-147,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.013 | (63-EU-0(D,X)64-GD-149,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.014 | (63-EU-0(D,X)64-GD-151,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.015 | (63-EU-0(D,X)64-GD-153,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.016.1 | (63-EU-0(P,X)64-GD-147,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.016.2 | (63-EU-0(P,X)64-GD-147,,TTY,,EOB) | Ok |  |  |
| O2221.017.1 | (63-EU-0(P,X)64-GD-149,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.017.2 | (63-EU-0(P,X)64-GD-149,,TTY,,EOB) | Ok |  |  |
| O2221.018.1 | (63-EU-0(P,X)64-GD-151,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.018.2 | (63-EU-0(P,X)64-GD-151,,TTY,,EOB) | Ok |  |  |
| O2221.019.1 | (63-EU-0(P,X)64-GD-153,,TTY,,EOB,DERIV) | Ok |  |  |
| O2221.019.2 | (63-EU-0(P,X)64-GD-153,,TTY,,EOB) | Ok |  |  |
|  |  |  |  |  |
| O2224.010 | (74-W-0(D,X)75-RE-181,,TTY,,PHY) | Ok |  |  |
| O2224.011 | (74-W-0(D,X)75-RE-182-M,,TTY,,PHY) | Ok |  |  |
| O2224.012 | (74-W-0(D,X)75-RE-182-G,,TTY,,PHY) | Ok |  |  |
| O2224.013 | (74-W-0(D,X)75-RE-183,,TTY,,PHY) | Ok |  |  |
| O2224.014 | (74-W-0(D,X)75-RE-184-G,,TTY,,PHY) | Ok |  |  |
| O2224.015 | (74-W-0(D,X)75-RE-184-M,,TTY,,PHY) | Ok |  |  |
| O2224.016 | (74-W-0(D,X)75-RE-186-G,,TTY,,PHY) | Ok |  |  |
| O2224.017 | (74-W-186(D,X)75-RE-186-G,,TTY,,PHY/A) | Ok |  |  |
| O2224.018 | (74-W-0(D,X)74-W-187,,TTY,,PHY) | Ok |  |  |
| O2224.019 | (74-W-186(D,X)74-W-187,,TTY,,PHY/A) | Ok |  |  |
|  |  |  |  |  |
| O2258.009 | (74-W-0(D,X)75-RE-181,,TTY,,EOB,DERIV) | Ok |  |  |
| O2258.010 | (74-W-0(D,X)75-RE-182-G,,TTY,,EOB,DERIV) | Ok |  |  |
| O2258.011 | (74-W-0(D,X)75-RE-183,,TTY,,EOB,DERIV) | Ok |  |  |
| O2258.012 | (74-W-0(D,X)75-RE-184-G,,TTY,,EOB,DERIV) | Ok |  |  |
| O2258.013 | (74-W-0(D,X)75-RE-184-M,,TTY,,EOB,DERIV) | Ok |  |  |
| O2258.014 | (74-W-0(D,X)75-RE-186-G,,TTY,,EOB,DERIV) | Ok |  |  |
| O2258.015 | (74-W-0(D,X)74-W-187,,TTY,,EOB,DERIV) | Ok |  |  |
|  |  |  |  |  |
| R0006.002 | (52-TE-124(P,2N)53-I-123,IND,TTY,,,EXP) | (Delete) | The "yield" includes the chemistry efficiency too. Irradiation time not specified just the total charge in uAh. Most probably the data are = activity per total charge at EOB, but not specified. Refers to oxide target. Energy range is 22.4-20 MeV.  [“Integrated current (μAh)” dependence. Definition unclear.] | R030 |
|  |  |  |  |  |
| R0007.003.1 | (53-I-127(P,5N)54-XE-123,,TTY,,,EVAL) | (Delete) | Data depend on the target material. Consider deletion of these subentries.  [Yields derived from excitation functions plotted in smooth curves] | R029 |
| R0007.003.2 | (53-I-127(P,5N)54-XE-123,,TTY,,,EVAL) | (Delete) |
| R0007.003.3 | (53-I-127(P,5N)54-XE-123,,TTY,,,EVAL) | (Delete) |
| R0007.004.1 | (53-I-127(P,3N)54-XE-125,,TTY,,,EVAL) | (Delete) |
| R0007.004.2 | (53-I-127(P,3N)54-XE-125,,TTY,,,EVAL) | (Delete) |
| R0007.004.3 | (53-I-127(P,3N)54-XE-125,,TTY,,,EVAL) | (Delete) |
| R0007.005.1 | (53-I-127(P,7N)54-XE-121,,TTY,,,EVAL) | (Delete) |
| R0007.005.2 | (53-I-127(P,7N)54-XE-121,,TTY,,,EVAL) | (Delete) |
| R0007.005.3 | (53-I-127(P,7N)54-XE-121,,TTY,,,EVAL) | (Delete) |
|  |  |  |  |  |
| R0008.002 | (53-I-127(P,X)53-I-123,,TTY,,,EXP) | (Delete) | No details are given for the yield determination. No irradiation time is given.  [Yield for NaI targets. Definition unclear.] | R030 |
|  |  |  |  |  |
| R0009.002.1 | (51-SB-0(A,X)53-I-121,IND,TTY,,,EXP) | (Delete) | Target thickness unit should be corrected to mg/cm2. IND should be deleted. Not defined but the production rate is PHY if calculated properly. PHY  [The authors introduce “end of bombardment” in another table listing “production rate”. It is strange. Definition unclear.] | R030 |
| R0009.002.2 | (51-SB-0(A,X)53-I-123,IND,TTY,,,EXP) | (Delete) |
| R0009.002.3 | (51-SB-0(A,X)53-I-124,IND,TTY,,,EXP) | (Delete) |
| R0009.003.1 | (53-I-127(A,4N)55-CS-127,,TTY,,,EXP) | (Delete) | Target thickness unit should be corrected to mg/cm2. According to the table caption EOB activity, But irradiation time is not provided. No details are given for yield calculation. One may suppose 1h irradiation time.  [“Production rate” is introduced with the concept of the “end of bombardment”. Definition unclear.] |
| R0009.003.2 | (53-I-127(A,5N+P)54-XE-125,,TTY,,,EXP) | (Delete) |
| R0009.003.3 | (53-I-127(A,7N+P)54-XE-123,,TTY,,,EXP) | (Delete) |
| R0009.004.1 | (52-TE-0(A,X)54-XE-123,IND,TTY,,,EXP) | (Delete) | Data 1 and Data2 are EOB Data3 refers to 6.7h after EOB. No irradiation time is given.  [“Production rate” is introduced with the concept of the “end of bombardment”. Definition unclear.] |
| R0009.004.2 | (52-TE-0(A,X)54-XE-125,IND,TTY,,,EXP) | (Delete) |
| R0009.004.3 | (52-TE-0(A,X)53-I-123,,TTY,,,EXP) | (Delete) |
|  |  |  |  |  |
| R0027.002.1 | (6-C-12(D,N)7-N-13,,TTY) | (6-C-CMP(D,X)7-N-13,,TTY,,EOB) | Data refer to 20min 1uA irradiation at EOB in unit of uCi. Can be compiled properly as EOB activity and irradiation time. TIME-IRRD should be included.  [Add TIME-IRRD=20 min. Delete 002.2 which is recovered 13N-nitrate.] | R030 |
| R0027.002.2 | (6-C-12(D,N)7-N-13,,TTY) | (Delete) |
|  |  |  |  |  |
| R0029.004 | (35-BR-79(A,2N)37-RB-81-G,M+,TTY,,,DERIV) | Delete this entry. Duplication of E1967. |  | R029 |
| R0029.005.1 | ((35-BR-81(HE3,3N)37-RB-81-G,M+,TTY,,,DERIV)+  (35-BR-79(HE3,N)37-RB-81-G,M+,TTY,,,DERIV)) | Delete this entry. Duplication of E1967. |  |
| R0029.005.2 | (35-BR-81(HE3,2N)37-RB-82-M,,TTY,,,DERIV) | Delete this entry. Duplication of E1967. |  |
| R0029.005.3 | ((35-BR-79(HE3,2N+P)36-KR-79-G,M+,TTY,,,DERIV)+  (35-BR-81(HE3,4N+P)36-KR-79-G,M+,TTY,,,DERIV)) | Delete this entry. Duplication of E1967. |  |
|  |  |  |  |  |
| R0030.002.1 | (35-BR-79(P,4N)36-KR-76,,TTY,,DT,DERIV) | (Delete. Add a reference to EXFOR A0187 under REL-REF.) | Not enough information on yield calculation. Data may be refer to EOB 1h 1uA irradiation TIME-IRRD should be included.  [Some of these yields are also in Table 3 of J,ARI,30,188,1979 (EXFOR A0187) where they are defined for 1-hr irradiation.  Add TIME-IRRD=1 hr The proton irradiation TTYs are in the EXFOR A0187 article. ] | R030 |
| R0030.002.2 | (35-BR-79(P,3N)36-KR-77,,TTY,,DT,DERIV) | (Delete. Add a reference to EXFOR A0187 under REL-REF.) |
| R0030.002.3 | (35-BR-79(P,X)35-BR-76,CUM,TTY,,DT,DERIV) | (Delete. Add a reference to EXFOR A0187 under REL-REF.) |
| R0030.002.4 | (35-BR-79(P,X)35-BR-77,CUM,TTY,,DT,DERIV) | (Delete. Add a reference to EXFOR A0187 under REL-REF.) |
| R0030.003.1 | (34-SE-0(HE3,X)36-KR-76,,TTY,,DT) | (34-SE-CMP(HE3,X)36-KR-76,,TTY,,EOB) |
| R0030.003.2 | (34-SE-0(HE3,X)36-KR-77,,TTY,,DT) | (34-SE-CMP(HE3,X)36-KR-77,,TTY,,EOB) |
| R0030.003.3 | (34-SE-0(HE3,X)35-BR-76,CUM,TTY,,DT,DERIV) | (Delete.) |
| R0030.003.4 | (34-SE-0(HE3,X)35-BR-77,CUM,TTY,,DT,DERIV) | (Delete.) |
|  |  |  |  |  |
| R0031.002 | (((36-KR-82(P,2N)37-RB-81-G,,TTY,,DT)-  (36-KR-82(P,2N)37-RB-81-G,M-,TTY,,DT))/  (36-KR-82(P,2N)37-RB-81-G,M-,TTY,,DT)) | (Delete) | The article refers to production rate which is the PHY for unit charge.  [Delete. Can be expressed only by an unusual REACTION combination.] | R029 |
|  |  |  |  |  |
| R0032.002 | (33-AS-75(HE3,3N)35-BR-75,,TTY,,DT) | (33-AS-CMP(HE3,3N)35-BR-75,,TTY,,EOB/MSC) | Data refer to EOB but no exact irradiation time is provided only the total charge. It seems that the calculation was done by simple division of the activity by irradiation time and beam intensity.  [EOB yield without irradiation time specification. 1-hr EOB yield? Qaim is the second author.] | R030 |
| R0032.003 | (33-AS-75(A,2N)35-BR-77-G,M+,TTY,,DT) | (33-AS-CMP(A,2N)35-BR-77-G,M+,TTY,,EOB/MSC) |
| R0032.004 | (29-CU-65(A,2N)31-GA-67,,TTY,,DT/A) | (Delete) | Data refer to EOB with irradiation time. It seems that the calculation was done by simple division of the activity by irradiation time and beam intensity  [Delete. Yield in mCi.] |
|  |  |  |  |  |
| R0033.002 | (33-AS-75(A,2N)35-BR-77,,TTY,,DT) | (Delete) | Data are given at EOB. TIME-IRRD should be inserted. Due to relative long half-life (PHY) can be used.  [Delete. The thickness (mm) dependence of 30 min EOB TTY in uCi/μAh for Cu3As alloy.] | R030 |
| R0033.003 | (33-AS-75(A,2N)35-BR-77,,TTY,,DT) | (Delete) |
| R0033.004 | (33-AS-75(A,2N)35-BR-77,,TTY,,DT) | (Delete) |
| R0033.005 | (33-AS-75(A,2N)35-BR-77,,TTY,,DT) | (Delete) |
| R0033.006 | (33-AS-75(A,2N)35-BR-77,,TTY,,DT) | (Delete) |
| R0033.007 | (33-AS-75(HE3,3N)35-BR-75,,TTY,,DT) | (Delete) |
| R0033.008 | (33-AS-75(HE3,3N)35-BR-75,,TTY,,DT) | (Delete) |
| R0033.009 | (33-AS-75(A,2N)35-BR-77,,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| R0034.002 | (31-GA-69(P,2N)32-GE-68,,TTY,,DT) | (31-GA-CMP(P,X)32-GE-68,,TTY,,EOB/MSC) | EOB activity is provided. Beam intensity and irradiation time is given. TIME-IRRD should be inserted, data unit should be corrected  [EOB yield without irradiation time specification. 1-hr EOB yield?] | R030 |
| R0034.003 | (31-GA-69(P,N)32-GE-69,,TTY,,DT) | (31-GA-CMP(P,X)32-GE-69,,TTY,,EOB/MSC) |
| R0034.004 | (31-GA-69(P,N+A)30-ZN-65,,TTY,,DT) | (31-GA-CMP(P,X)30-ZN-65,,TTY,,EOB/MSC) |
| R0034.005 | (28-NI-58(P,2P)27-CO-57,,TTY,,DT) | (28-NI-CMP(P,X)27-CO-57,,TTY,,EOB/MSC) |
|  |  |  |  |  |
| R0040.004 | (30-ZN-0(D,X)31-GA-67,,TTY,,PHY,DERIV) | Ok |  |  |
| R0040.005 | (30-ZN-0(D,X)31-GA-66,,TTY,,PHY,DERIV) | Ok |  |  |
|  |  |  |  |  |
| S0031.002 | (47-AG-109(A,2N)49-IN-111-G,,TTY,,DT) | (Delete) | EOB activity is given. The irradiation time and beam intensity are provided. Should be compiled as EOB with unit uCi/uA and TIME-IRRD. DATA calculated by the compiler should be corrected accordingly. [EOB yield in uCi. Not defined in the dictionary]. | S023 |
| S0031.003 | (41-NB-93(A,N)43-TC-96-G,M+,TTY,,DT) | (Delete) |
|  |  |  |  |  |
| S0033.002 | (45-RH-103(P,N)46-PD-103,,TTY,,DT) | (45-RH-103(P,N)46-PD-103,,TTY,,PHY) | Dmitriev generally gives PHY No details are given. | S023 |
| S0033.003 | (45-RH-103(D,2N)46-PD-103,,TTY,,DT) | (45-RH-103(D,2N)46-PD-103,,TTY,,PHY) |
|  |  |  |  |  |
| T0016.002.2 | (6-C-13(P,N)7-N-13,,TTY,,,DERIV) | (6-C-13(P,N)7-N-13,,TTY,,SAT,DERIV) | Saturation yield is given. | C172 |
| T0016.003.2 | (6-C-12(D,N)7-N-13,,TTY,,,DERIV) | (6-C-12(D,N)7-N-13,,TTY,,SAT,DERIV) |
|  |  |  |  |  |
| T0148.006 | (81-TL-0(P,X)81-TL-201,,TTY,,DT) | (Delete) | Fig1 - Fig6 have cross section (mb) scale too, subents 002 -005 and 007,009,010 should have SIGma data. [These cross sections have been already compiled. The compiled yield does not contain direct Tl(p,x)201Tl production contribution, and not for EXFOR compilation.] | C169 |
|  |  |  |  |  |
| T0157.002 | (36-KR-0(P,X)37-RB-81-G,IND/M+,TTY,,DT) | (36-KR-0(P,X)37-RB-81-G,M+,TTY,,(PHY)) | Energy range was 32 - 16MeV, should be corrected. Not clear which of the listed bombarding energies corresponds to the presented yield. Way of yield calculation is not given. | C172 |
| T0157.003.1 | (36-KR-0(P,X)ELEM/MASS,M+,PY,,TT/REL) | (Delete) | No exact irradiation time information is given. Consider deletion of the subentries. |
| T0157.003.2 | (36-KR-0(P,X)ELEM/MASS,,PY,,TT/REL) | (Delete) |
| T0157.004.1 | (35-BR-0(A,X)ELEM/MASS,M+,PY,,TT/REL) | (Delete) |
| T0157.004.2 | (35-BR-0(A,X)ELEM/MASS,,PY,,TT/REL) | (Delete) |