

Access to PRELIM data via EXFOR Web retrieval system

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WebEx, 4 - 7 May 2021

EXFOR online news: PRELIM versions

Since 2019 PRELIM files are stored in EXFOR database with temporary Entry number (Y series) → PRELIM data are immediately available for search, presentation in output formats, conversion to other formats, plotting, comparison with other experimental and evaluated data, etc. This feature can be used by compilers communicating with authors.

Request Submit Reset Help

Target u-238 ?

Reaction g,f ?

Quantity sig ?

Product ?

Energy from to eV ?

Author(s) ?

Publication year ?

Last modified ?

Accession # y ?

Request Submit Reset Help

Target ?

Reaction ?

Quantity ?

Product ?

Energy from to eV ?

Author(s) ?

Publication year ?

Last modified ?

Accession # C2048:y ?

Flag for search incl. PRELIM data

EXFOR Updates and Archives

SUBENT: F1407002

#	File-ID	Upd	Comment
(1)	<input checked="" type="checkbox"/> PRELIM.F082		PRELIM file
(2)	<input checked="" type="checkbox"/> TRANS-F075	455	Official TRANS file

1) 27-CO-59 (P,EL) 27-CO-59,,DA C4: MF4 MT2

Quantity: [DA] Differential c/s with respect to angle

1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1983	H.Sakaguchi	6.50e7		33	[pdf]+	J,MSK/A,36,305,1983	O00320158 [8]	R33	/0	An[33]=15:77	#2:1982sa19:web:pdf	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1981	H.Sakaguchi+	6.50e7		33	[pdf]+	J,PL/B,99,(2),92,1981	E1201004 [7]	R33	/0	1981SA06	An[33]=15:77	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1974	V.B.Gubin+	5.79e6	6.45e6	173	[pdf]+	J,IZV,38,133,1974	F1407002 [1]	R33	/0	1974GU03	An[11]=60:160	
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1974	V.B.Gubin+	5.79e6	6.35e6	173	[pdf]+	J,IZV,38,133,1974	Y0162002::F1407002 [0]	R33	/0	1974GU03	An[11]=60:160	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1968	C.M.Perey+	1.10e7		31	[pdf]+	J,PR,175,1460,1968	C2165007 [1]	R33	/0	1968PR20	An[31]=15:166	#2:1967di03:pdf
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1962	C.B.Fulmer	2.22e7		1	[pdf]+	J,PR,125,631,196201	C1019014 [4]	R33	/0	1962FU07	An=91	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1956	I.E.Dayton+	1.70e7		36	[pdf]+	J,PR,101,1358,56	O0262006 [5]	R33	/0	1956DA03	An[36]=15:173	

Preliminary Dataset ID: Y0162002 (updated F1407002)

Versions

Convert to R33
(for IBANDL)

Q: Should we have checkbox “Search also in Prelim database”



EXFOR online news: versions

Quantity: [FY] Independent fission-product yield
 1 + i X4 X4+ X4± T4 1994 A.V.R.Reddy+ 9.60e7 6 [pdf]+ J,RCA,64,149,1994 D6063002 [3] 1994RE23 Prod=¹³⁰I...¹³⁵I

Link to versions

EXFOR Updates and Archives
 SUBENT: D6063002

#	File-ID	Upd	Comment
(1)	<input checked="" type="checkbox"/> TRANS-D129	508	Official TRANS file
(2)	<input checked="" type="checkbox"/> TRANS-D087	232	Official TRANS file
(3)	<input checked="" type="checkbox"/> TRANS-D070	165	Official TRANS file

Compare only selected items [\[here\]](#)

Select versions

Legend

Legend:

Line	Next version	Previous version
Same line:	Same text* →	← Same TEXT*
Diff. line:	Same text, different text →	← Same text; another text

*Note. Text is treated as case-insensitive.

Comparing

SUBENT: D6063002

TRANS-D129				TRANS-D087				TRANS-D070			
ENTRY	D6063	20201208		ENTRY	D6063	20130129		ENTRY	D6063	20091105	
SUBENT	C	D6063001	20201208	SUBENT	C	D6063001	20130129	SUBENT	D6063001	20091105	
BIB		11	19	BIB		11	19	BIB		11	19
TITLE	Charge distribution in 96 MeV 160 induced fission of 238U			TITLE	Charge distribution in 96 MeV 160 induced fission of 238U			TITLE	Charge distribution in 96 MeV 160 induced fission of 238U		
AUTHOR	(A.V.R.Reddy, A.Goswami, B.S.Tomar, S.B.Manohar, S.K.Das, P.P.Burte, Satya Prakash)			AUTHOR	(A.V.R.Reddy, A.Goswami, B.S.Tomar, S.B.Manohar, S.K.Das, P.P.Burte, Satya Prakash)			AUTHOR	(A.V.R.Reddy, A.Goswami, B.S.Tomar, S.B.Manohar, S.K.Das, P.P.Burte, Satya Prakash)		
INSTITUTE	(3INDTRM)			INSTITUTE	(3INDTRM)			INSTITUTE	(3INDTRM)		
REFERENCE	(J,RCA,64,149,1994)			REFERENCE	(J,RCA,64,149,1994)			REFERENCE	(J,RCA,64,149,1994)		
FACILITY	(VDGT,3INDTRM) 96 MeV 160 ion beam at BARC-TIFR			FACILITY	(ACCEL,3INDTRM) 96 MeV 160 ion beam at BARC-TIFR			FACILITY	(ACCEL,3INDTRM) 96 MeV 160 ion beam at BARC-TIFR		
SAMPLE	Electrodeposited targets of uranium (300 ug/cm2) on Al backing (2 mg/cm2) were covered with 6.75 ug/cm2 Al foil			SAMPLE	Electrodeposited targets of uranium (300 ug/cm2) on aluminium backing (2 mg/cm2) were covered with 6.75 ug/cm2 aluminium foil			SAMPLE	Electrodeposited targets of uranium (300 mg/cm2) on aluminium backing (2 mg/cm2) were covered with 6.75 mu-g/cm2 aluminium foil		
DETECTOR	(HPGE) 60 cc HPGe detector coupled to a PC based 4k MCA			DETECTOR	(HPGE) 60 cc HPGe detector coupled to a PC based 4k MCA			DETECTOR	(HPGE) 60 cc HPGe detector coupled to a PC based 4k MCA		

SUBENT C D6063002 20201208				SUBENT C D6063002 20130129			
BIB		3	14	BIB		3	13
REACTION	((92-U-238(8-0-16,F)ELEM/MASS,IND,FY)/(92-U-238(8-0-16,F)53-I-128,IND,FY))			REACTION	((92-U-238(8-0-16,F)ELEM/MASS,IND,FY)/(92-U-238(8-0-16,F)53-I-128,IND,FY))		
DECAY-DATA	(53-I-128,24.99MIN,DG,442.9,0.162)			DECAY-DATA	(53-I-128,24.99MIN,DG,442.9,0.162)		
	(53-I-130-M,9.0MIN,DG,536.1,0.167)				(53-I-130-M,9.0MIN,DG,536.1,0.167)		
	(53-I-130-G,12.36HR,DG,536.1,0.99)				(53-I-130-G,12.36HR,DG,536.1,0.99)		
	(53-I-131,8.04D,DG,364.5,0.812)				(53-I-131,8.04D,DG,364.5,0.812)		
	(53-I-132-M,1.39HR,DG,175.0,0.0832)				(53-I-132-M,1.39HR,DG,0.175)		
	(53-I-132-G,2.284HR,DG,772.6,0.764)				(53-I-132-G,2.284HR,DG,772.6,0.764)		
	(53-I-133-G,20.8HR,DG,529.9,0.87)				(53-I-133,20.8HR,DG,529.9,0.87)		
	(53-I-134-G,52.6MIN,DG,847.0,0.954)				(53-I-134-G,52.6MIN,DG,847.0,0.954)		
	(53-I-134-M,3.5MIN,DG,847.0,0.0227)				(53-I-134-M,3.5MIN,DG,847.0,0.0227)		
	(53-I-135,6.55HR,DG,1260.4,0.286)				(53-I-135,6.55HR,DG,1260.4,0.286)		
HISTORY	(20130129A) On. REACTION(denom.): SF5=IND added			HISTORY	(20130129A) On. REACTION(denom.): SF5=IND added		
	(20201208A) On. DECAY-DATA (132mI) revised.			ENDBIB	13 0		

What is new:
 1. Became public on request from SG50
 2. Comparison text within a line
 3. Comparing only selected items

EXFOR online news: PRELIM versions

Recent TRANS and PRELIM

Demo

Request #3977 nds121.iaea.org 2021-05-05,17:22:19
 Access-Level=2 /pdf/ /db/ [11]
 Results: Entries: 2 Subentries: 12 DataSets: 12 DataLines: 113

Data Selection

Submit Reset

Data: Selected Unselected All
 Output: X4+ EXFOR Bibliography TA
 Plot: Quick plot Advanced plot [how-to] using
 Narrow Energy (optional), eV: Min:
 Apply Data re-normalization (for advanced us

Acc#	1st Author	Year	Reference
1) C2048	[1] 2013 C.U.Jost+		[pdf]
1) C2048001	Info X4 X4+		general inform
2) C2048002	Info X4 X4+ T4	Pt: 6	2
3) C2048003	Info X4 X4+ T4	Pt: 10	1
4) C2048004	Info X4 X4+ T4	Pt: 10	1
5) C2048005	Info X4 X4+ T4	Pt: 7	2
6) C2048006	Info X4 X4+ T4	Pt: 13	1
2) Y0141	// C2048 [1] 2013 J.R.Griswo		
1) Y0141001	Info X4 X4+		general inform
2) Y0141002	Info X4 X4+ T4	Pt: 6	2

1) [pdf]+ Conf: Conf.proceedings by Am.Inst.of Phys
 Production of 229Th for medical applications: Exc
 J.R.Griswold, C.U.Jost, D.W.Stracener, S.H.Bruffe

2) [pdf]+ Jour: Physical Review, Part C, Nuclear Phys
 Production of 229Th for medical applications: Exc
 J.R.Griswold, C.U.Jost, D.W.Stracener, S.H.Bruffe

Latest updates of EXFOR database

Web server: nds121.iaea.org
 Main EXFOR. #Updates:521 #TRANS:1116 #ENTRY:24902

Upd	DB-Updated	#File	Trans	TransDate	File	Entry	Subent	DataLn	Prelim (-days)	Center(s)
521	2021-04-27 17:03:33	1116	1475	20210427	trans.1475	17	71	5218	96	USA NNDC
520	2021-04-23 10:56:43	1115	O082	20210421	trans.o082	4	20	1496	35	USA NEA-DB
519	2021-04-22 12:53:49	1114	2297	20210421	trans.2297	12	83	49077	31	USA NEA-DB
518	2021-04-21 11:43:05	1113	1474	20210421	trans.1474	18	44	1797	133 [100+]	USA NNDC
517	2021-04-15 19:06:40	1112	F082	20210415	trans.f082	16	61	2578	35	USA CNPD
516	2021-04-06 11:19:20	1111	A096	20210405	trans.a096	29	419	3580	41	USA CAJaD CNPD
515	2021-03-22 11:22:08	1110	L044	20210321	trans.l044	5	8	255	109 [100+]	USA NNDC
514	2021-03-20 13:00:31	1109	4193	20210319	trans.4193	29	267	4194	29	USA CJD
513	2021-03-16 10:38:30	1108	4192	20210315	trans.4192	15	52	1031	34	USA CJD
512	2021-03-05 11:55:50	1107	S029	20210305	trans.s029	17	56	1008	36	USA CNDC
		1106	O081	20210302	trans.o081	61	501	24605	28	USA NEA-DB
511	2021-03-03 16:31:22	1105	2296	20210303	trans.2296	62	275	20000	33	USA NEA-DB
510	2021-02-24 22:32:18	1104	1473	20210219	trans.1473	15	45	561	90	USA NNDC
509	2021-02-20 12:03:23	1103	3198	20210220	trans.3198	31	133	5124	38	USA NDS KNCN UkrNDC CNDC NDPCI
508	2021-02-19 21:48:21	1102	D129	20210219	trans.d129	38	148	15790	36	USA NDS ATOMKI UkrNDC NDPCI KAZMON
507	2021-02-17 12:51:37	1101	G046	20210217	trans.g046	7	30	2786	35	USA NDS UkrNDC
506	2021-02-16 20:22:45	1100	V038	20210216	trans.v038	1	1	95	33	USA NDS
505	2021-02-16 08:16:56	1099	C198	20210215	trans.c198	13	60	927	110 [100+]	USA NNDC
504	2021-02-15 20:50:57	1098	B030	20210215	trans.b030	1	34	0	33	USA KACHAPAG
503	2021-01-30 22:01:35	1097	C197	20210129	trans.c197	17	102	2471	131 [100+]	USA NNDC
502	2021-01-28 22:11:15	1096	1472	20210127	trans.1472	18	87	1803	92	USA NNDC
Total:						426	2497	144396	~59	USA NNDC:7(103), NEA-DB:4(139), NDS:4(39), CJD:2(44), ATOMKI:1(3), CNDC:2(23), CNPD:2(26), UkrNDC:3(4), NDPCI:2(18), KNCN:1(2), KAZMON:1(5)

Preliminary data. #Files:17 #ENTRY:203 Update:2021-04-29,00:11:18

#File	Trans	TransDate	File	Entry	Subent	DataLn	newEntry	Waiting (days)	Center(s)		
1	C199	20210127	prelim.c199	12	101	763	8	98	USA NNDC		
2	1476	20210130	prelim.1476	14	67	7256	12	95	USA NNDC		
3	1477	20210225	prelim.1477	15	57	136	3	69	USA NNDC		
4	C200	20210314	prelim.c200	14	59	2005	14	52	USA NNDC		
5	1478	20210325	prelim.1478	20	75	392		41	USA NNDC		
6	L045	20210329	prelim.l045	7	22	798	5	37	USA NNDC		
7	A097	20210331	prelim.a097	28	373	2768		35	USA CAJaD CNPD		
8	E131	20210406	prelim.e131	10	69	13524	10	29	USA JCPRG		
9	2298	20210409	prelim.2298	10	34	41291	10	26	USA NEA-DB		
10	M111	20210411	prelim.m111	6	38	711	3	24	USA CDFE		
11	3199	20210414	prelim.3199	5	19	475		21	USA NDS		
12	E132	20210414	prelim.e132	11	131	4403	11	21	USA JCPRG		
13	V039	20210414	prelim.v039	2	9	1987		21	USA NDS		
14	4194	20210416	prelim.4194	8	24	267	4	19	USA CJD		
15	O083	20210419	prelim.o083	16	57	8239	15	16	USA NEA-DB		
16	1479	20210428	prelim.1479	14	55	1292	2	7	USA NNDC		
17	C201	20210428	prelim.c201	11	162	911		7	USA NNDC		
Total:						203	1352	87218	104	~36.4	USA NNDC:8(107), NEA-DB:2(26), NDS:2(7), CJD:1(8), CDFE:1(6), CNPD:1(7).

Temporary #AccNum

Links to all PRELIM Entries

Thank you