

EXFOR Example 2 (Exchange format)

						Accession number
ENTRY	31439	940712	2005026	000031439000	1	
SUBENT	31439001	940712	20050926	000031439001	1	
BIB	11	14		31439001	2	
TITLE	Activation cross sections and isomeric ratios in reac-			31439001	3	
	tions induced by 14.5 MeV neutrons in Sm-152, Sm-154			31439001	4	
	and Hf-178.			31439001	5	
AUTHOR	(A.KIROV,N.NENOFF,E.GEORGIEVA,C.NECHEVA,I.EPHTIMOV)			31439001	6	
INSTITUTE	(3BULSOF)			31439001	7	
REFERENCE	(J,ZP/A,245,(3),285,9305)			31439001	8	
FACILITY	(CCW)			31439001	9	
INC-SOURCE	(D-T)			31439001	10	
METHOD	(ACTIV)			31439001	11	
DETECTOR	(HPGE)			31439001	12	
ERR-ANALYS	No error analysis given.			31439001	13	
STATUS	Data are from table 1 of Z. Phys. A, vol. 345, no. 3,			31439001	14	
	pp. 285-292.			31439001	15	
HISTORY	(940610C) HW			31439001	16	
ENDBIB	14			31439001	17	
COMMON	2			31439001	18	
EN	EN-ERR	3		Common parameters for whole entry	31439001	19
MEV	MEV				31439001	20
14.54	0.24				31439001	21
ENDCOMMON	3				31439001	22
ENDSUBENT	21			Subaccession number	31439001	199999
SUBENT	31439005	940712	50926		000031439005	1
BIB	6	14			31439005	2
REACTION	(62-SM-154(N,D)61-PM-153,,SIG)				31439005	3
DECAY-DATA	(61-PM-153,5.3MIN,DG,127.3,.14)				31439005	4
SAMPLE	Samariumoxide powder enriched to 99.2% Sm-154, mixed				31439005	5
	with ironoxide powder in precise measured weight				31439005	6
	ratio. 200 mg of the mixture was placed and sealed in				31439005	7
	polyethylene capsules in the form of cylinders 10 mm				31439005	8
	in diameter and few mm high.				31439005	9
MONITOR	(62-SM-154(N,A)60-ND-151,,SIG)				31439005	10
MONIT-REF	(,S.M.QAIM+,B,HB.SPEC,3,141,81)				31439005	11
CORRECTION	Corrections have been made for coincidence summing				31439005	12
	and ranged between 2 and 48%. The coincidence summing				31439005	13
	correction factors for the lines of interest were ob-				31439005	14
	tained from the known decay schemes and the total				31439005	15
	efficiency of the detector.				31439005	16
ENDBIB	14				31439005	17
NOCOMMON					31439005	18
DATA	4 1				31439005	19
DATA	ERR-T	MONIT	MONIT-ERR		31439005	20
MB	MB	MB	MB		31439005	21
.43	.08	1.9	0.4		31439005	22
ENDDATA	3				31439005	23
ENDSUBENT	22				31439005	99999
SUBENT	31439006	940712	20050926	000031439006	1	
BIB	6	21			31439006	2
REACTION	1(72-HF-178(N,P)71-LU-178-G,,SIG)			3 reactions (quantities) given in one subentry, labelled with "pointers" 1, 2, 3	31439006	3
	2(72-HF-178(N,P)71-LU-178-M,,SIG)					
	3(72-HF-178(N,P)71-LU-178-M/G,,SIG/RAT)					
DECAY-DATA	(71-LU-178-M,22.9MIN,DG,213.4,.809,				31439006	7
	DG,325.6,.939,				31439006	8
	DG,426.4,.969,				31439006	9
	DG,331.7,.116)				31439006	10
	(71-LU-178-G,28.1MIN,DG,1340.8,.0474)				31439006	11
SAMPLE	Hafniumoxide powder enriched to 92.4% Hf-178, mixed				31439006	12
	with ironoxide powder in precise measured weight				31439006	12

ratio. 200 mg of the mixture was placed and sealed in	31439006	13
polyethylene capsules in the form of cylinders 10 mm	31439006	14
in diameter and few mm high.	31439006	15
MONITOR (26-FE-56 (N,P) 25-MN-56, ,SIG)	31439006	16
MONIT-REF (30675002,A.ANTOV+,J,BJP,10,(6),601,83)	31439006	17
(,N.NENOFF+,J,GUS,78,35,84)	31439006	18
CORRECTION Corrections have been made for coincidence summing	31439006	19
and ranged between 2 and 48%. The coincidence summing	31439006	20
correction factors for the lines of interest were ob-	31439006	21
Efficiency of the detector.	31439006	22
21	31439006	23
24	31439006	24
25	31439006	25
26	31439006	26
27	31439006	27
28	31439006	28
29	31439006	29
30	31439006	30
31	31439006	31
32	31439006	32
33	31439006	33
31439006999999		
31439999999999		

Data for REACTION 1		Data for REACTION 2		Data for REACTION 3	
ENDBIB	21				
NOCOMMON					
DATA	8	1			
DATA 1	ERR-T	1	DATA 2	ERR-T	2
MONIT	MONIT-ERR				
MB	MB	MB	MB	NO-DIM	NO-DIM
MB	MB				
1.8	0.4	.98	.08	0.54	0.13
110.9	2.8				
ENDDATA	6				
ENDSUBENT	32				
ENDENTRY	3				

DATA table with 8 fields (columns). Since the format allows only 6 columns per line, each logical line is split into two physical lines, one with 6 fields and another one with the remaining 2 fields. The format allows tables with up to 18 fields.

Compare display of the same entry in EXFOR+ format on following pages.