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**MEMO CP-N/54**

**DATE:** 22 September 2006  
**TO:** See distribution list below  
**FROM:** H. Henriksson  
**SUBJECT:** CINDA

Dear colleagues,

In response to the recent comments on the quality of EXFOR I include below a list of correction factors used by Robin Forrest, UKAEA, when preparing the European Activation Files (EAF) with the EASY code package.

The neutron-induced reaction data is only included in this first list.

Best wishes,  
/ Hans

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EXFOR Correction table from EASY based on inspection and validation of EAF:

ZA	I	MT	EXFOR	Code	Factor E	Factor DE	Factor X	Factor DX
68167	0	102	102590050	ORL67	1.00E+00	1.00E+00	1.00E+03	1.00E+03
72177	0	102	103540020	INL73	1.00E+00	1.00E+00	1.00E+06	1.00E+06
7014	0	107	107890030	ORL79	1.00E+00	1.00E+00	1.00E+03	1.00E+03
58138	0	102	108390020	BLN78	1.00E+00	1.00E+00	1.00E-03	1.00E-03
38088	0	102	118470030	CRC58	1.00E+00	1.00E+00	1.00E-03	1.00E-03
21045	0	111	128850110	IOW75	4.87E-02	1.00E+00	1.00E+00	1.00E+00
39089	0	111	128850120	IOW75	4.87E-02	1.00E+00	1.00E+00	1.00E+00
55133	0	111	128850140	IOW75	4.87E-02	1.00E+00	1.00E+00	1.00E+00
57139	0	111	128850150	IOW75	4.87E-02	1.00E+00	1.00E+00	1.00E+00
99254	0	18	136460040	LAS94	1.00E-06	1.00E-06	1.00E+00	1.00E+00
50118	0	107	200430030	OSL59	1.00E+00	1.00E+00	1.00E-03	1.00E-03
27059	0	102	203900040	GEL67	1.00E+00	1.00E+00	1.00E-03	1.00E-03
21045	0	106	205230030	JUL74	1.00E+00	1.00E+00	1.00E-03	1.00E-03
27059	0	106	205230040	JUL74	1.00E+00	1.00E+00	1.00E-03	1.00E-03
33075	0	106	205230050	JUL74	1.00E+00	1.00E+00	1.00E-03	1.00E-03
41093	0	106	205230060	JUL74	1.00E+00	1.00E+00	1.00E-03	1.00E-03
73181	0	106	205230080	JUL74	1.00E+00	1.00E+00	1.00E-03	1.00E-03
13027	0	107	207350030	JAE64	1.00E+01	1.00E+00	1.00E+03	1.00E+00
95241	0	102	207850020	HAR77	1.00E+00	1.00E+00	1.00E+03	1.00E+03
13027	0	102	214200041	FAR51	1.00E+00	1.00E+00	1.00E+03	1.00E+03
13027	0	102	214200042	FAR51	1.00E+00	1.00E+00	1.00E+03	1.00E+03
47107	0	102	216250020	NPL79	1.00E+03	1.00E+03	1.00E+00	1.00E+00
93237	0	18	218220030	ILL81	1.00E+00	1.00E+00	1.00E+03	1.00E+03
27059	0	102	219360180	KIG84	1.00E+00	1.00E+00	1.00E-03	1.00E-03
59141	0	103	221560190	NAG89	1.00E+00	1.00E+00	1.00E+03	1.00E+03
23050	0	102	222210020	ILL91	1.00E+00	1.00E+00	1.00E+03	1.00E+03
94239	0	18	222370020	JAE92	1.00E+00	1.00E+00	1.00E-01	1.00E-01
13027	0	107	223120020	JAE93	1.00E+06	1.00E+00	1.00E+00	1.00E+00
13027	0	103	223120030	JAE93	1.00E+06	1.00E+00	1.00E+00	1.00E+00
26056	0	103	223120040	JAE93	1.00E+06	1.00E+00	1.00E+00	1.00E+00
27059	0	103	224210090	TOH99	1.00E+00	1.00E+00	1.00E-01	1.00E-01
7014	0	28	300700060	DEB66	1.00E+00	1.00E+00	7.66E-02	7.66E-02
95243	0	16	302090020	BUC67	1.00E+00	1.00E+00	1.00E+03	1.00E+03
82208	0	107	302490040	MUA73	1.00E+00	1.00E+00	1.00E-03	1.00E-03
54124	0	102	303230020	KFI69	1.00E+00	1.00E+00	1.00E+03	1.00E+03
70174	0	103	310690020	SAH67	1.00E+00	1.00E+00	1.00E-03	1.00E-03
55133	0	103	310770040	RBZ65	1.00E+00	1.00E+00	1.00E-03	1.00E-03
66164	0	102	312480120	MUA62	1.00E+00	1.00E+00	1.00E+03	1.00E+03
56134	0	107	314210070	AEP92	1.00E+00	1.00E+00	1.00E-03	1.00E-03
73181	0	107	322020020	KGU99	1.00E+07	1.00E+00	1.00E+00	1.00E+00
73181	0	107	322020030	KGU99	1.00E+07	1.00E+00	1.00E+00	1.00E+00
73181	0	103	322020040	KGU99	1.00E+07	1.00E+00	1.00E+00	1.00E+00
73181	0	201	322020050	KGU99	1.00E+07	1.00E+00	1.00E+00	1.00E+00
26054	0	105	325150040	LNZ93	1.00E+00	1.00E+00	1.00E-03	1.00E-03

ZA	I	MT	EXFOR	Code	Factor E	Factor DE	Factor X	Factor DX
52130	0	102	400060030	FEI68	1.00E+00	1.00E+00	1.00E-03	1.00E-03
12026	0	102	402440030	FEI58	1.00E+00	1.00E+00	1.00E-03	1.00E-03
14030	0	102	402440460	FEI58	1.00E+00	1.00E+00	1.00E-03	1.00E-03
76190	0	107	407750390	CCP65	1.00E+00	1.00E+00	1.00E-03	1.00E+00
76192	0	107	407750400	CCP65	1.00E+00	1.00E+00	1.00E-03	1.00E+00
52122	0	103	411630020	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52122	0	103	411630030	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52124	0	103	411630040	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52124	0	103	411630050	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52124	0	103	411630060	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52126	0	103	411630070	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52126	0	103	411630080	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52128	0	103	411630090	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52128	0	103	411630100	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
52130	0	103	411630110	KHU94	1.00E+00	1.00E+00	1.00E-03	1.00E-03
82208	0	16	412530020	ICP61	1.00E+00	1.00E-04	1.00E+00	1.00E+00
57139	0	103	412930020	KGU97	1.00E+07	1.00E+00	1.00E+00	1.00E+00

Various data on charged particles

ZA	I	MT	EXFOR	Code	Factor E	Factor DE	Factor X	Factor DX
36080	0	102	A01310030	DUB82	1.00E+00	1.00E+00	1.00E+03	1.00E+03
8016	0	105	V00270880	NRP80	1.00E+00	1.00E+00	1.00E+02	1.00E+00
25055	0	102	V00420030	GEL86	1.00E+00	1.00E+00	1.00E+03	1.00E+03