

21-Sc-45 (n, γ) 21-Sc-46

Abundance (%)	=	100			
Q	=	8.76069 MeV	E_{thr}	=	0.0
$T_{1/2}$	=	83.79 d 4			
E_{γ}	=	889.277 \pm 0.003	I_{γ}	=	99.984 \pm 0.001 β^{-}
E_{γ}	=	1120.545 \pm 0.004	I_{γ}	=	99.987 \pm 0.001 β^{-}

IRDF-90	- eval. - Feb 1991 Z. Zhao.
D-99 (JENDL/D-99)	- eval. - Aug 1988 T. Watanabe.
ENDF/B-VI	- eval. - Jul 1992 A. Smith, R. Howerton.
JENDL-3.2	- eval. - Aug 1988 T. Watanabe.

Tabl. 1

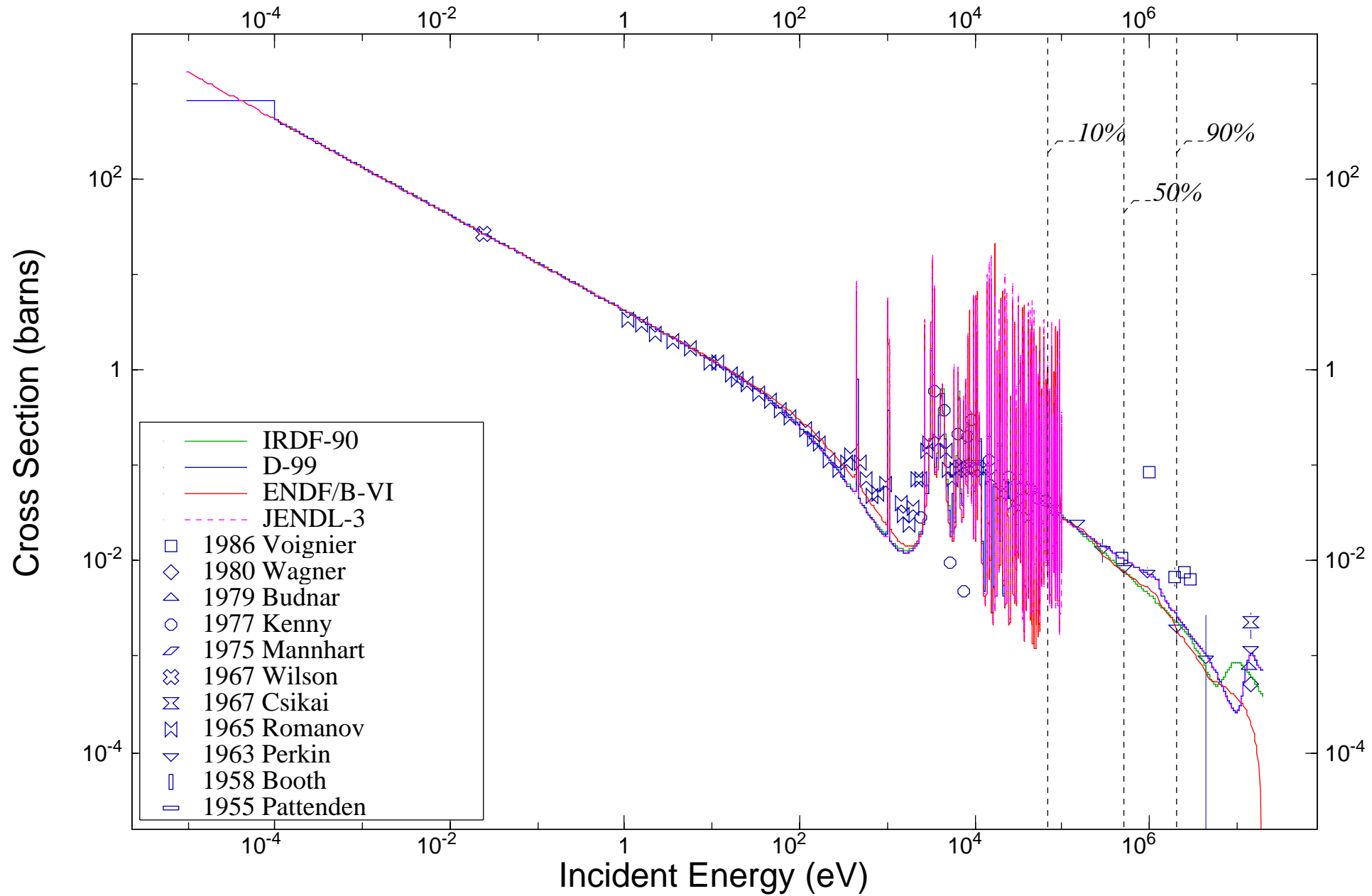
U-235				
	IRDF-90	D-99	ENDF/B-VI	JENDL-3
10%	6.60E-02	8.80E-02	6.84E-02	9.01E-02
50%	5.00E-01	6.30E-01	5.00E-01	6.30E-01
90%	2.00	2.00	1.90	2.00
ACS	5.16E-03	6.41E-03	5.22E-03	6.39E-03

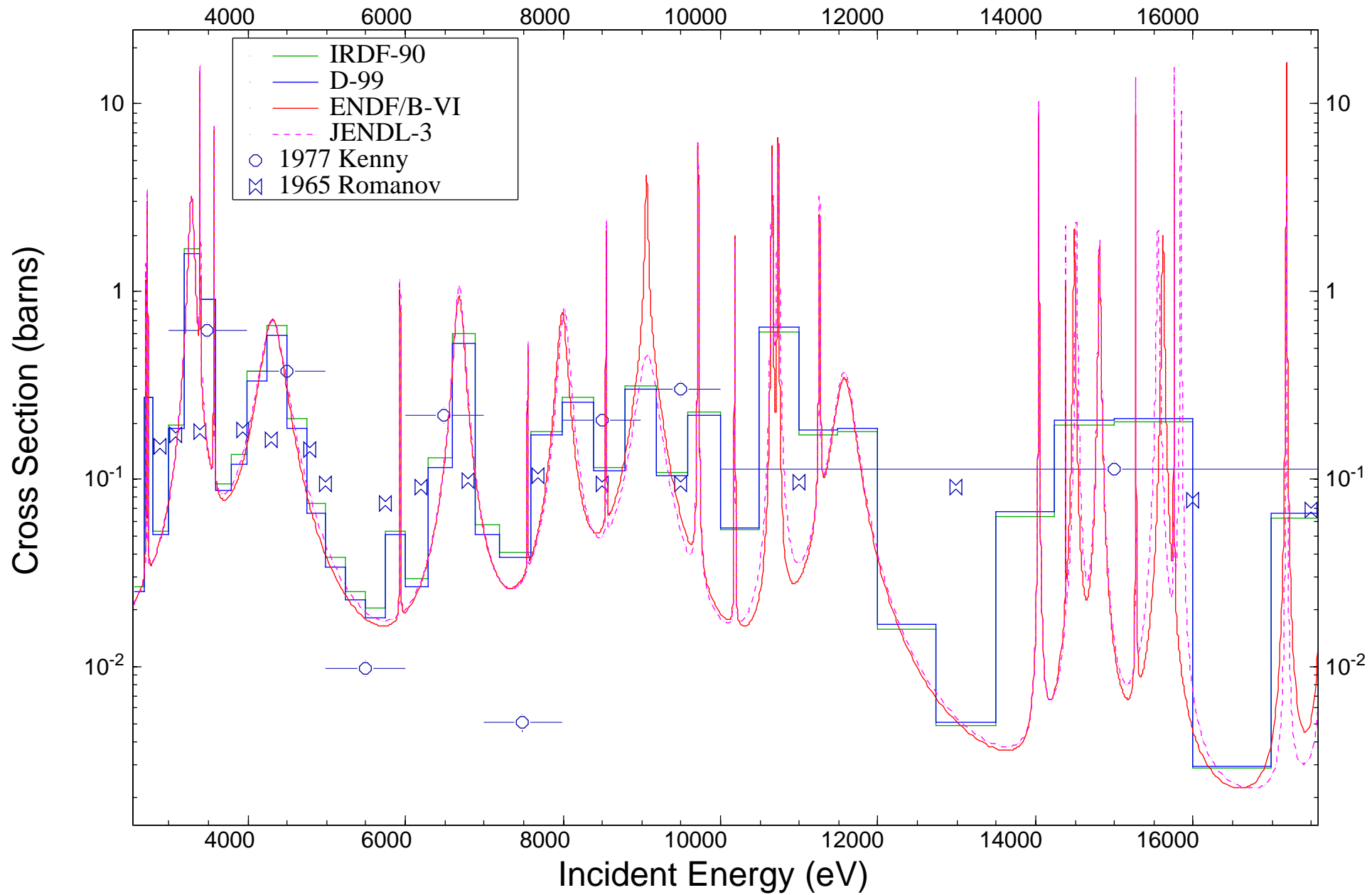
Tabl. 2

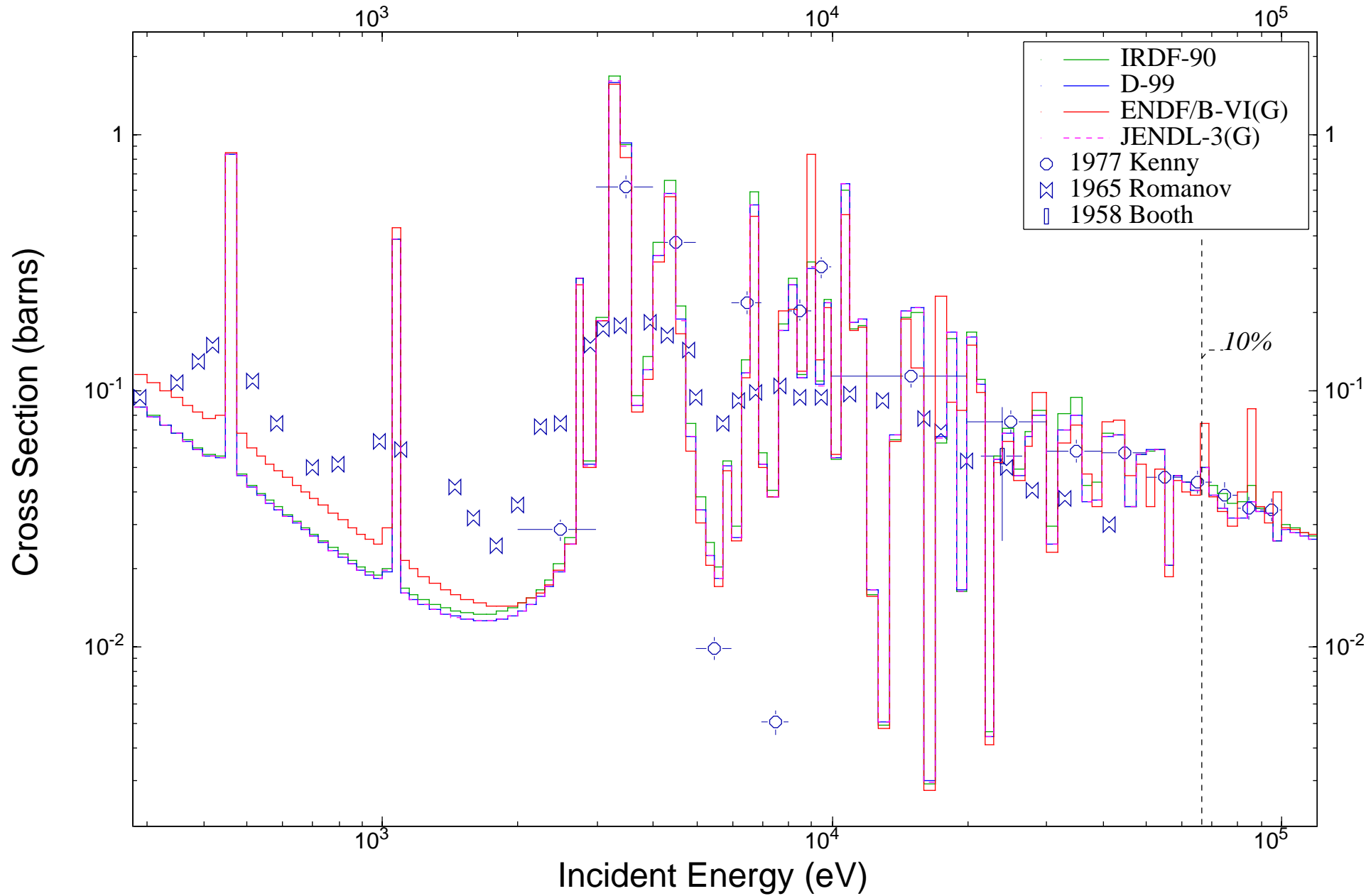
Cf-252				
	IRDF-90	D-99	ENDF/B-VI	JENDL-3
10%	7.60E-02	1.00E-01	7.92E-02	1.01E-01
50%	5.50E-01	6.60E-01	5.55E-01	6.61E-01
90%	2.20	2.10	2.00	2.11
ACS	4.80E-03	6.00E-03	4.85E-03	5.98E-03

Tabl. 3

2.5-02 2.5-02	1	1USAMTR 1USAUID	P,WASH-1074,51	6704 W.L.WILSON	10488002
2.4+04 2.4+04	1	1USALRL	J,PR,112,226	58 R.BOOTH,	11429005
2.5-02 2.5-02	1	2GERMUN	J,ZP/A,272,273	7503 W.MANNHART	20610002
1.5+07 1.5+07	1	2AUSPVI	J,APA,52,23	80 M.WAGNER,	20718002
2.5-02 2.5-02	1	2UK HAR	J,PPS/A,68,104	55 N.J.PATTENDEN	21280006
5.0+05 3.0+06	5	2FR BRC	J,NSE,93,43	86 J.VOIGNIER,	22006032
1.5+07 1.5+07	1	3HUNDEB	J,NP/A,95,229	6703 J.CSIKAI,	30067006
2.0+03 1.0+05	17	1USAORL	J,AUJ,30,(5/6),605	7711 M.J.KENNY,	30381007
1.4+07 1.4+07	1	3YUGNJS	R,INDC(YUG)-6	7912 M.BUDNAR,	30532014
1.1+00 4.2+04	57	4CCPLEB	J,YF,1,(2),229	65 S.A.ROMANOV,	40768003
1.5+05 1.5+07	7	2UK ALD	J,JNE,17,349	63 J.L.PERKIN	60436002

$^{45}\text{Sc}(n,\gamma)^{46}\text{Sc}$ 

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