

27-Co-59 (n, γ) 27-Co-60

Abundance (%)	=	100			
Q	=	7.49199MeV	E_{th}	=	0.0
$T_{1/2}$	=	5.2714 y			
E_{γ}	=	1173.237 \pm 0.004 keV	I_{γ}	=	99.90 \pm 0.02 β^{-}
E_{γ}	=	1332.501 \pm 0.005 keV	I_{γ}	=	99.980 \pm 0.001 β^{-}

IRDF-90	- eval. - Apr 1990 A. & D. Smith, P. Guenther, J. Meadows.
D-99 (JENDL/D-99)	- eval. - Aug 1996 S. Ywasaki, T. Watanabe.
ENDF/B-VI	- eval. - Jul 1989 A. Smith, G. Desaussure et al.
JENDL-3.2	- eval. - Aug 1988 T. Watanabe.
JEF-2	- eval. - Jul 1988 A. & D. Smith et al.
CENDL-2	- eval. - Sep 1985 H. Qi.

Tabl. 1

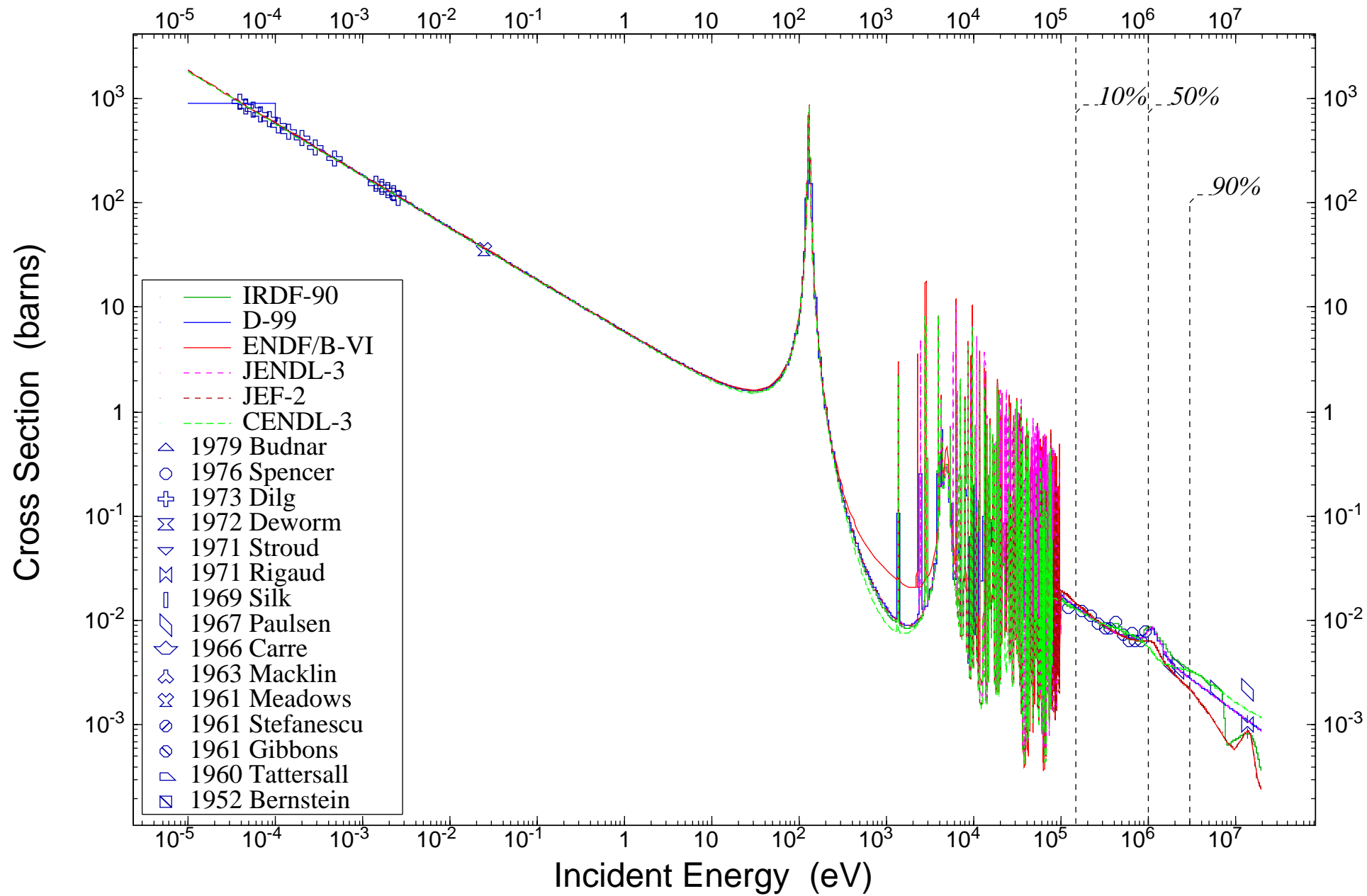
U-235						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	CENDL-2
10%	1.43E-01	1.35E-01	1.20E-01	1.39E-01	1.47E-01	1.59E-01
50%	1.00	9.60E-01	8.40E-01	9.77E-01	8.61E-01	9.01E-01
90%	2.90	2.70	2.50	2.78	2.55	3.14
ACS	6.28E-03	5.81E-03	5.10E-03	5.81E-03	5.01E-03	5.35E-03

Tabl. 2

Cf-252						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	CENDL-2
10%	1.70E-01	1.60E-01	1.43E-01	1.62E-01	1.64E-01	1.81E-01
50%	1.00	1.00	8.80E-01	1.03	9.13E-01	9.71E-01
90%	3.10	2.90	2.60	2.95	2.71	3.35
ACS	6.03E-03	5.56E-03	4.85E-03	5.56E-03	4.77E-03	5.15E-03

Tabl. 3

8.5+04 1.0+06	19	1USAORL	J,NSE,61,346	7611 R.R.SPENCER,	10543005
2.5-02 2.5-02	1	1USAANL	J,NSE,9,132	6102 J.W.MEADOWS,	11028010
3.0+04 3.0+04	1	1USAORL	J,PR,122,182	61 J.H.GIBBONS,	11329012
6.5+04 6.5+04	1	1USAORL	J,PR,129,2695	63 R.L.MACKLIN,	11331014
2.5-02 2.5-02	1	1USAORL	J,PR,87,487	52 S.BERNSTEIN,	11745002
2.5-02 2.5-02	1	2BLGMOL	W,DEWORM	7204 J.P.DEWORM	20182002
1.8+06 1.4+07	4	2ZZZGEL	J,ZP,205,226	6708 A.PAULSEN	20390003
1.4+07 1.4+07	1	2FR BOR	J,NP/A,173,551	7110 F.RIGAUD,	20532002
2.5-02 2.0+05	1	2GERKFK	C,74PETTEN,,59	7409 R.R.SPENCER,	20555004
2.5-02 2.5-02	1	2UK HAR	J,JNE/A,12,32	6005 R.B.TATTERSALL,	20638012
2.5-02 2.5-02	1	2FR FAR	C,66PARIS,1,479	6610 J.C.CARRE,	20658008
4.0-05 2.6-03	15	2GERMUN	J,ZP,264,427	73 W.DILG,	20823007
2.5-02 2.5-02	1	2UK HAR	R,AERE-R-6059	6904 M.G.SILK,	21472002
1.5+07 1.5+07	1	2GERKIG	R,GKSS-84-E-	84 B.M.BAHAL,	21936018
2.5-02 2.5-02	1	3RUMBUC	C,61BUCHAR,,553	61 AL.STEFANESCU,	30073006
3.0+04 3.0+04	1	3AULAU	P,AAEC/PR-34P,9	7104 D.B.STROUD,	30506007
1.4+07 1.4+07	1	3YUGNJS	R,INDC(YUG)-6	7912 M.BUDNAR,	30532024

$^{59}\text{Co}(n,\gamma)^{60}\text{Co}$ 

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