

## 26-Fe-58 (n, $\gamma$ ) 26-Fe-59

Abundance (%)	=	0.282 $\pm$ 0.004			
Q	=	6.58095 MeV	$E_{th}$	=	0.0
$T_{1/2}$	=	44.503 d			
$E_{\gamma}$	=	1099.251 $\pm$ 0.004 keV	$I_{\gamma}$	=	56.5 $\pm$ 1.8 $\beta^-$
$E_{\gamma}$	=	1291.596 $\pm$ 0.007 keV	$I_{\gamma}$	=	43.2 $\pm$ 1.4 $\beta^-$
$E_{\gamma}$	=	192.346 $\pm$ 0.005 keV	$I_{\gamma}$	=	3.08 $\pm$ 0.12 $\beta^-$

IRDF-90	- eval. - Nov 1989 D. Hetrick, C. Fu, N. Larson.
D-99 (JENDL/D-99)	- eval. - Oct 1995 T. Nakagawa.
ENDF/B-VI	- eval. - Nov 1989 D. Hetrick, C. Fu, N. Larson.
JENDL-3.2	- eval. - Mar 1987 S. Iijima, H. Yamakoshi.
JEF-2	- eval. - Dec 1989 F. Froehner, F. Fabbry et al.
BROND-2	- eval. - Nov 1985 V. Pronyaev et al.
CENDL-2	- eval. - Aug 1990 B. Yu, S. Iijima, S. Chiba et al.

**Tabl. 1**

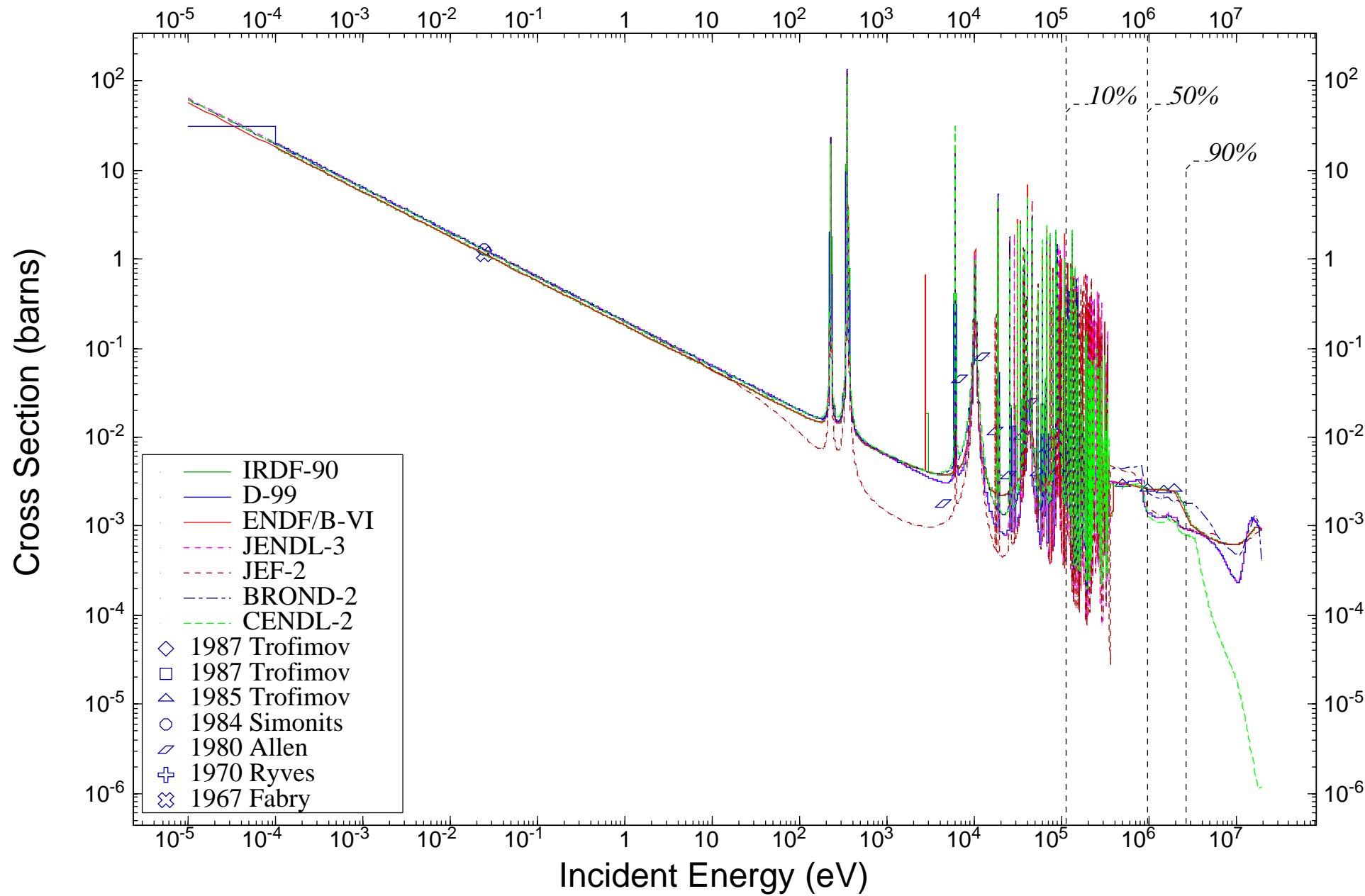
U-235							
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	1.10E-01	1.20E-01	1.12E-01	1.23E-01	1.35E-01	1.12E-01	6.17E-02
50%	9.60E-01	7.20E-01	9.60E-01	7.20E-01	7.00E-01	8.00E-01	6.00E-01
90%	2.60	2.70	2.60	2.78	2.70	2.93	2.22
<b>ACS</b>	<b>2.56E-03</b>	<b>1.88E-03</b>	<b>2.56E-03</b>	<b>1.88E-03</b>	<b>2.09E-03</b>	<b>2.92E-03</b>	<b>1.90E-03</b>

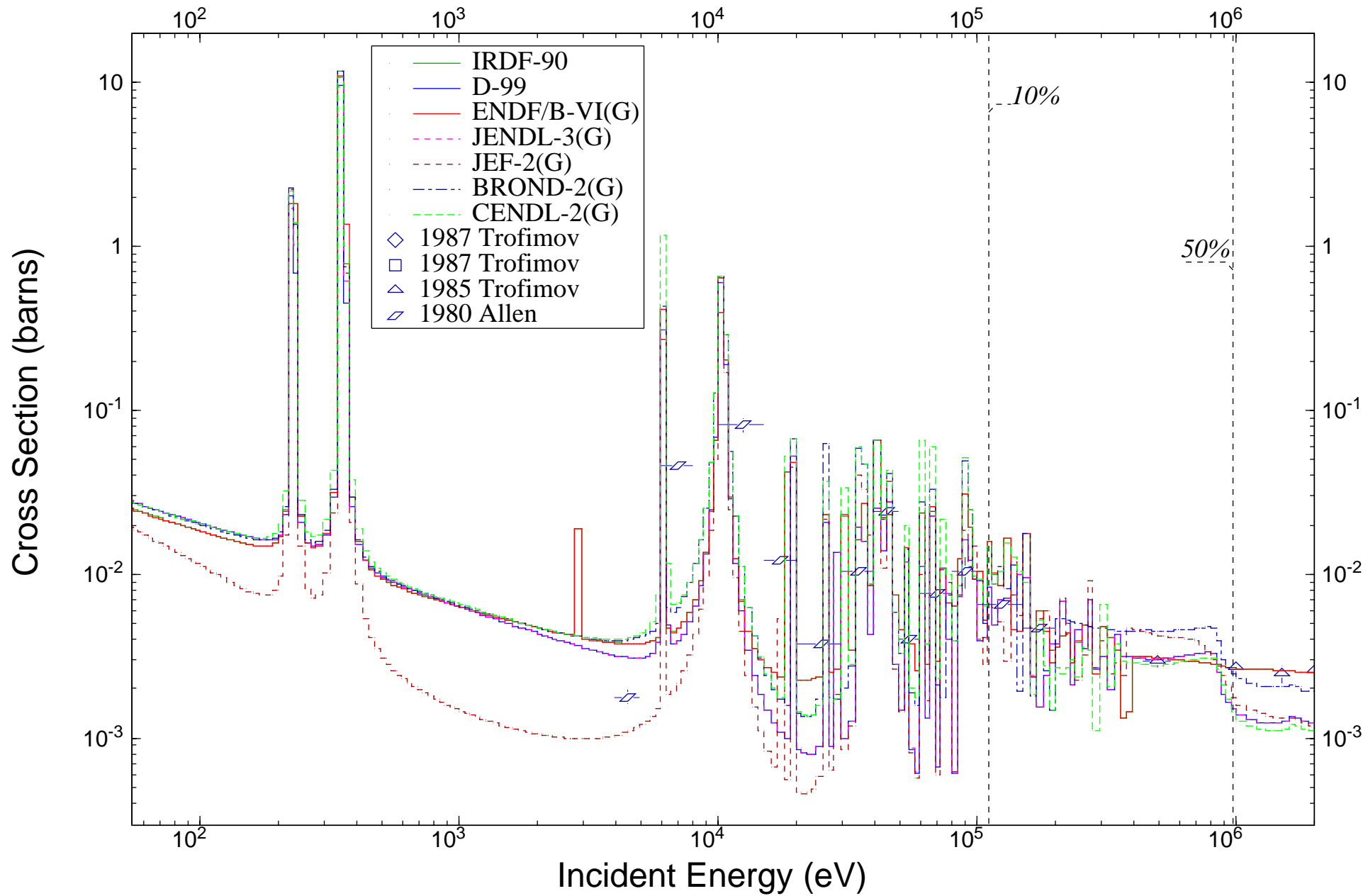
**Tabl. 2**

Cf-252							
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	1.28E-01	1.35E-01	1.31E-01	1.36E-01	1.51E-01	1.30E-01	6.75E-02
50%	1.00	7.60E-01	1.00	7.60E-01	7.20E-01	8.40E-01	6.45E-01
90%	2.70	3.00	2.70	3.00	3.00	3.14	2.34
<b>ACS</b>	<b>2.45E-03</b>	<b>1.79E-03</b>	<b>2.45E-03</b>	<b>1.80E-03</b>	<b>1.99E-03</b>	<b>2.79E-03</b>	<b>1.77E-03</b>

**Tabl. 3**

2.5-02	2.5-02	1	2BLGMOL	P,EANDC(E)-76,106(1)	6701 A.FABRY,	20183002
2.5-02	2.5-02	1	2UK NPL	J,JNE,24,35	7002 T.B.RYVES	20789013
4.0+03	2.0+05	12	1USAORL	J,JP/G,6,(3),381	8003 B.J.ALLEN,	30486004
2.5-02	2.5-02	1	3HUNKFI	J,JRN,81,(2),369	8402 A.SIMONITS,	30677003
5.0+05	2.0+06	5	4CCPRI	J,AE,58,(4),278	8504 JU.N.TROFIMOV	40852002
2.0+06	2.0+06	1	4CCPRI	J,YK,,(4)	87 YU.N.TROFIMOV	40975031
1.0+06	1.0+06	1	4CCPRI	C,87KIEV,3,331	8709 YU.N.TROFIMOV	41001003

$^{58}\text{Fe}(n,\gamma)^{59}\text{Fe}$ 

$^{58}\text{Fe}(n,\gamma)^{59}\text{Fe}$ 

$^{58}\text{Fe}(n,\gamma)^{59}\text{Fe}$ 