

## 74-W-186 (n, $\gamma$ ) 74-W-187

Abundance (%)	=	28.43 $\pm$ 0.19		
Q	=	5.46675 MeV	E <sub>thr</sub>	= 0.0
T <sub>1/2</sub>	=	23.72 h 6		
E <sub><math>\gamma</math></sub>	=	72.002 $\pm$ 0.004 keV	I <sub><math>\gamma</math></sub>	= 11.18 $\pm$ 0.36 $\beta^-$
E <sub><math>\gamma</math></sub>	=	479.550 $\pm$ 0.022 keV	I <sub><math>\gamma</math></sub>	= 21.84 $\pm$ 0.71 $\beta^-$
E <sub><math>\gamma</math></sub>	=	685.73 $\pm$ 0.04 keV	I <sub><math>\gamma</math></sub>	= 27.30 $\pm$ 0.92 $\beta^-$
D-99 (JENDL/D-99)      - eval. - Mar 1987 T. Watanabe, T. Asami. ENDF/B-VI                - eval. - Dec 1980 E. Arthur, P. Young, D. Smith, Philis. JENDL-3.2                - eval. - Mar 1987 T. Watanabe, T. Asami. JEF-2                      - eval. - Jun 1982 JEF SCG. BROND-2                 - eval. - May 1983 L. Abagyan, G. Manturov.				

**Tabl. 1**

<b>U-235</b>					
	<b>D-99</b>	<b>ENDF/B-VI</b>	<b>JENDL-3</b>	<b>JEF-2</b>	<b>BROND-2</b>
10%	1.43E-01	1.43E-01	1.44E-01	1.64E-01	1.55E-01
50%	9.20E-01	8.67E-01	9.29E-01	9.20E-01	1.00
90%	2.50	2.30	2.50	2.30	2.50
<b>ACS</b>	<b>3.62E-02</b>	<b>3.55E-02</b>	<b>3.62E-02</b>	<b>3.73E-02</b>	<b>3.83E-02</b>

**Tabl. 2**

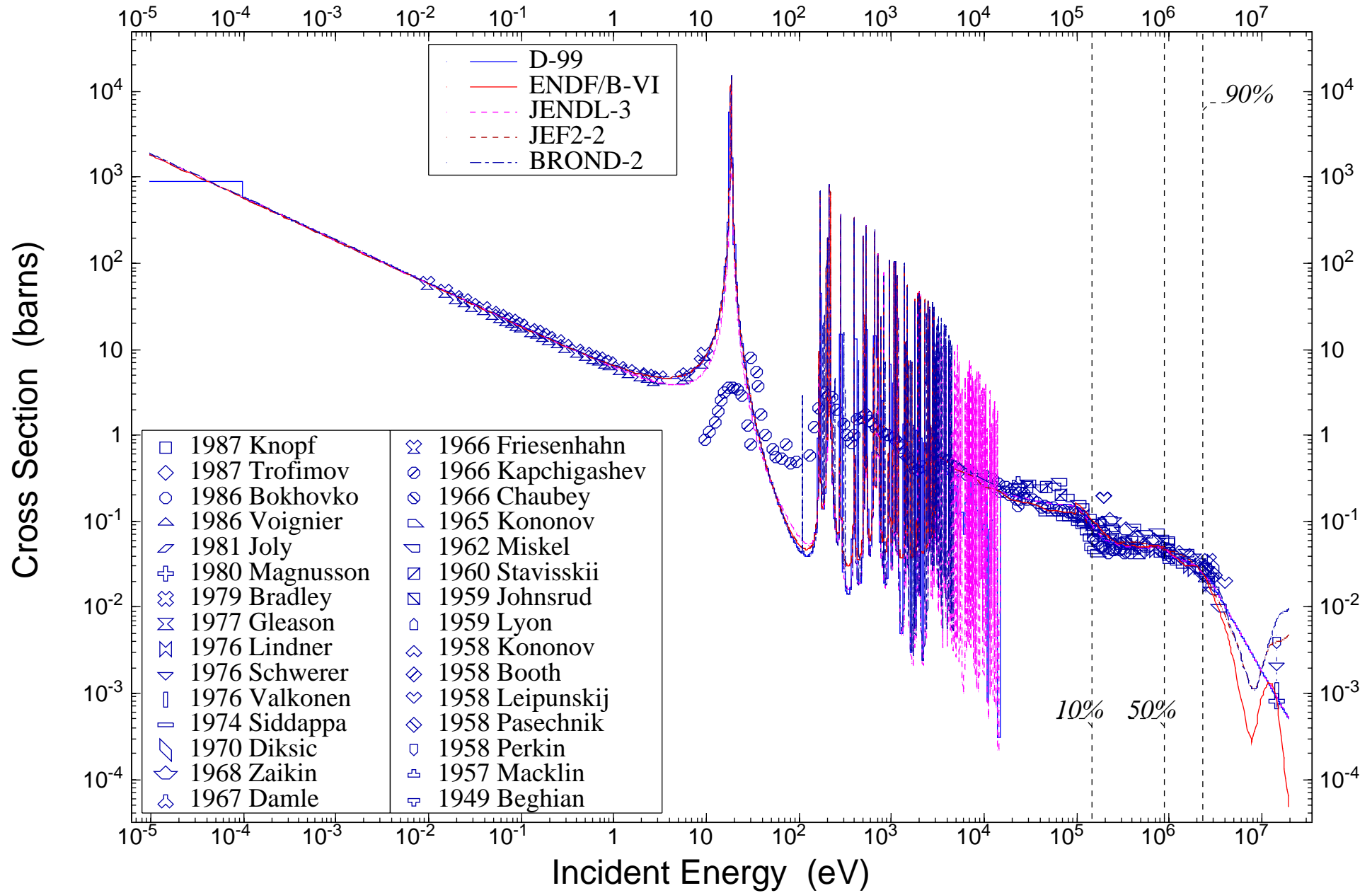
<b>Cf-252</b>					
	<b>D-99</b>	<b>ENDF/B-VI</b>	<b>JENDL-3</b>	<b>JEF-2</b>	<b>BROND-2</b>
10%	1.60E-01	1.60E-01	1.67E-01	1.90E-01	1.75E-01
50%	9.60E-01	9.00E-01	9.89E-01	9.60E-01	1.05
90%	2.60	2.30	2.62	2.40	2.60
<b>ACS</b>	<b>3.46E-02</b>	<b>3.37E-02</b>	<b>3.46E-02</b>	<b>3.56E-02</b>	<b>3.66E-02</b>

**Tabl. 3**

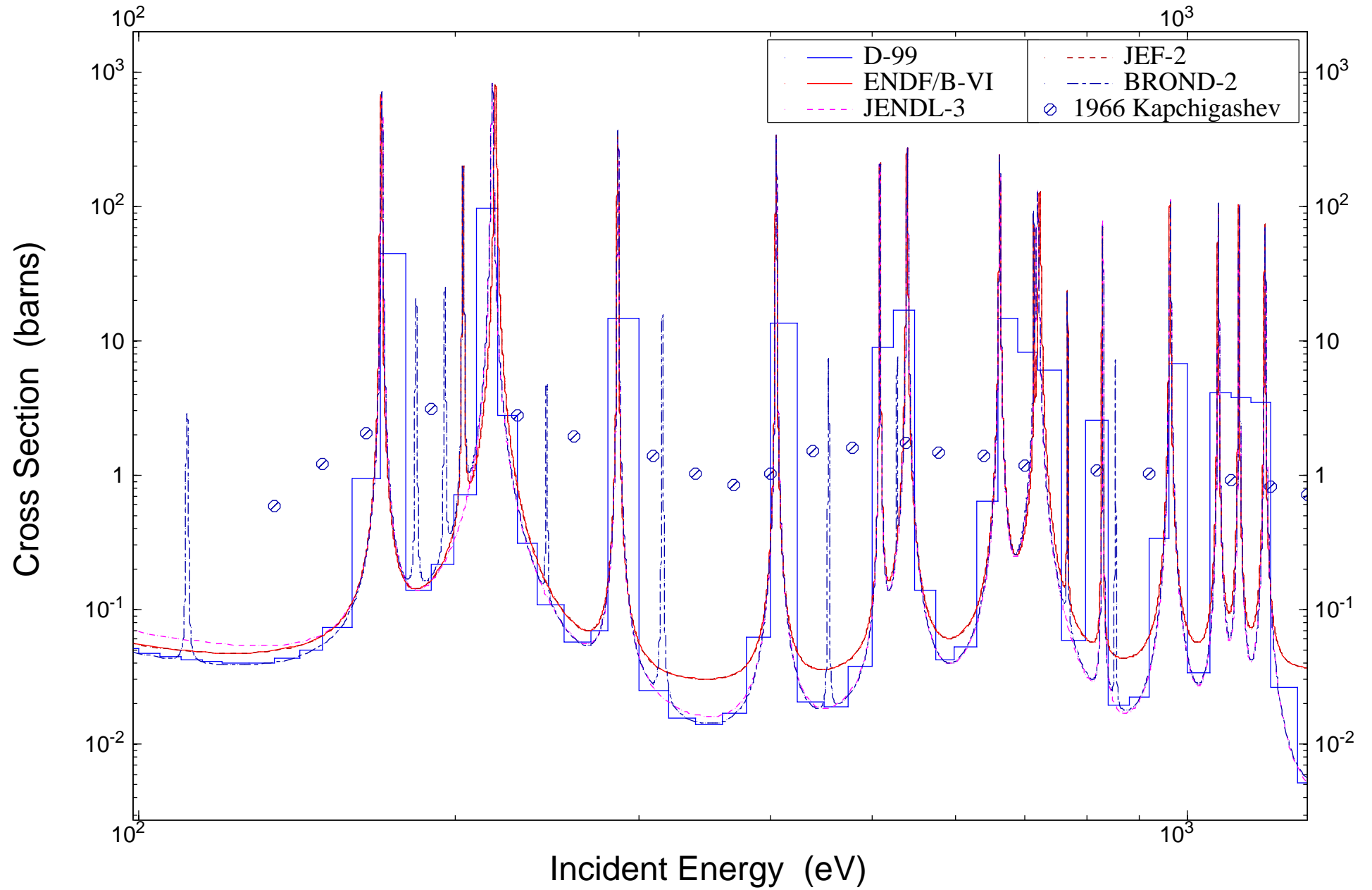
1.0-02 1.0+01	34	1USAGA	J,NSE,26,487	1966 S.J.FRIESENHAHN,	12167008
2.5-02 2.5-02	1	1USAGA	J,NSE,26,487	1966 S.J.FRIESENHAHN,	12167009
5.0+05 2.5+06	3	2FR BRC	J,NSE,93,43	1986 J.VOIGNIER,	22006021
3.0+06 3.0+06	1	3HUNDEB	J,AHP,28,257	1970 M.DIKSIC,	30023012
2.4+04 2.4+04	1	3INDMUA	J,PR,152,1055	1966 A.K.CHAUBEY,	30079035
2.4+04 2.4+04	1	1USAORL	J,PR,107,504	1957 R.L.MACKLIN,	11399045
1.5+07 1.5+07	1	2SWDLND	J,PS,21,(1),21	1980 G.MAGNUSSON,	21004004
5.0+05 2.5+06	3	2FR BRC	R,CEA-R-5089	1981 S.JOLY,	21619015
2.5-02 2.5-02	1	1USAORL	W,GLEASON	1977 G.GLEASON	10662014
1.5+05 2.6+06	22	1USAWis	J,PR,116,927	1959 A.E.JOHNSRUD,	11675025
2.3+04 2.3+04	1	3INDAUW	J,AP,83,355	1974 K.SIDDAPPA,	30502018
3.2+04 2.5+05	7	1USALRL	J,PR,128,2717	1962 J.A.MISKEL,	12115005
6.9+04 4.0+06	19	1USALRL	J,PR,128,2717	1962 J.A.MISKEL,	12115006
1.9+05 2.0+05	1	1USAORL	J,PR,114,1619	1959 W.S.LYON,	11407030
1.4+07 1.5+07	1	2UK ALD	J,PPS,72,505	1958 J.L.PERKIN,	21438025
2.5-02 2.5-02	1	2GERMUN	J,ZN/A,42,909	1987 K.KNOPF,	22045016
2.5-02 2.5-02	1	2BLGMOL	P,EANDC(E)-76,107(2)	1967 P.P.DAMLE,	20184002
2.4+04 2.4+04	1	4CCPFEI	J,AE,5,564	1958 V.N.KONONOV,	40421023
1.2+05 9.8+05	8	1USALRL 1USALAS	J,NSE,59,381	1976 M.LINDNER,	10221044
3.0+05 1.7+06	7	1USALRL 1USALAS	J,NSE,59,381	1976 M.LINDNER,	10221045
6.0+05 2.7+06	8	1USALRL 1USALAS	J,NSE,59,381	1976 M.LINDNER,	10221046

2.7+06	2.7+06	1	4RUSFEI	C,58GENEVA,15,50(2219)	1958 A.I.LEIPUNSKIJ,	40244017
2.0+05	2.0+05	1	4RUSFEI	C,58GENEVA,15,50(2219)	1958 A.I.LEIPUNSKIJ,	40244036
4.0+06	4.0+06	1	4RUSFEI	C,58GENEVA,15,50(2219)	1958 A.I.LEIPUNSKIJ,	40244058
2.0+05	2.0+05	1	4RUSFEI	C,58GENEVA,15,50(2219)	1958 A.I.LEIPUNSKIJ,	40244080
2.7+06	4.0+06	2	4RUSFEI	C,58GENEVA,15,50(2219)	1958 A.I.LEIPUNSKIJ,	40244101
2.5+06	4.0+06	3	4UKRIFU 4RUSFEI	C,58GENEVA,15,18(2030)	1958 M.V.PASECHNIK,	40336093
1.0+01	5.2+04	68	4CCPLEB	W,KAPCHIGASHEV	1966 S.V.KAPCHIGASHEV,	40755005
2.4+04	2.4+04	1	1USABNL	C,79KNOX,,344	1979 T.BRADLEY,	10938006
1.5+07	1.5+07	1	2AUSIRK	J,NP/A,264,105	1976 O.SCHWERER,	20670016
1.5+07	1.5+07	1	2SF JYV	R,JU-RR-1/1976	1976 M.VALKONEN	20673035
2.4+04	2.4+04	1	1USALRL	J,PR,112,226	1958 R.BOOTH,	11429028
4.6+04	1.7+05	14	4CCPFEI	R,FEI-29	1965 V.N.KONONOV,	40076007
2.3+05	3.1+06	17	4CCPIFU	J,AE,25,(6),526	1968 G.G.ZAIKIN,	40248004
3.0+04	1.4+06	12	4CCPFEI	J,AE,9,401	1960 YU.YA.STAVISSKII,	40452005
5.0+03	4.0+05	57	4CCPFEI	J,YK,,(1),39	1986 M.V.BOKHOVKO,	40925006
1.0+06	1.0+06	1	4CCPRI	C,87KIEV,3,331	1987 YU.N.TROFIMOV	41001037
9.0+05	9.0+05	1	2UK OXF	J,NAT,163,366	1949 L.E.BEGHIAN,	62500014

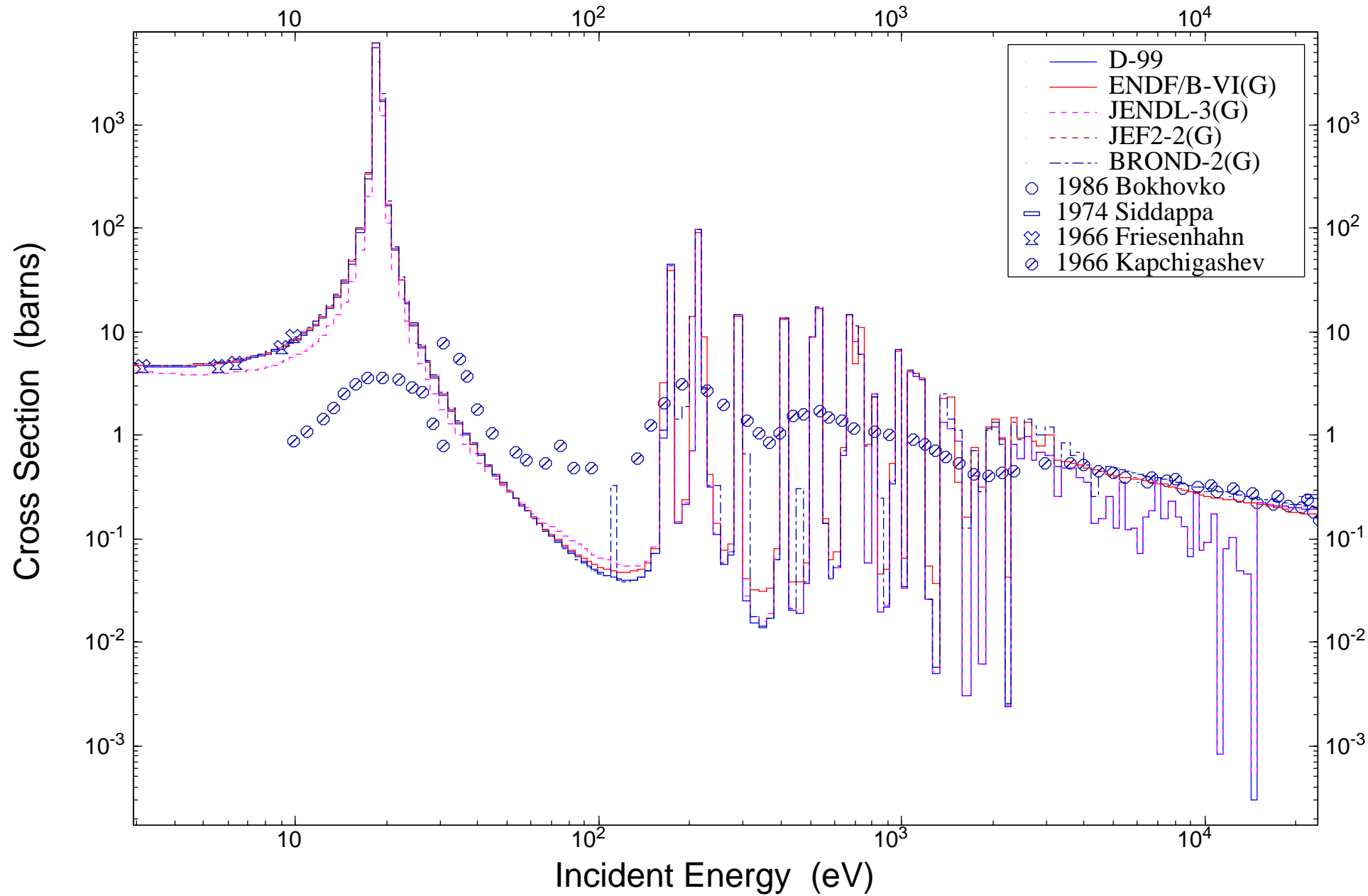
# $^{186}\text{W}(n,\gamma)^{187}\text{W}$



$^{186}\text{W}(n,\gamma)^{187}\text{W}$



$^{186}\text{W}(n,\gamma)^{187}\text{W}$



$^{186}\text{W}(n,\gamma)^{187}\text{W}$ 