

41-Nb-93 (n, γ) 41-Nb-94

Abundance (%)	=	100			
Q	=	7.22753MeV	E_{thr}	=	0.0
$T_{1/2}$	=	20300 y 16			
E_{γ}	=	702.622 \pm 0.019 keV	I_{γ}	=	97.9 \pm 2.0 β^{-}
E_{γ}	=	871.091 \pm 0.018 keV	I_{γ}	=	99.9 β^{-}

IRDF-90	- eval. - 1991 M. Wagner et al.
ENDF/B-VI	- eval. - Mar 1990 A. & D. Smith, L. Gerado, R. Howerton.
JENDL-3.2	- eval. - Nov 1988 M. Kawai, N. Yamamuro.
JEF-2	- eval. - Jul 1982 JEF SCG.
BROND-2	- eval. - Dec 1988 V. Pronyaev et al.
CENDL-2	- eval. - Aug 1990 B. Yu, S. Chiba, M. Kawai et al.

Tabl. 1

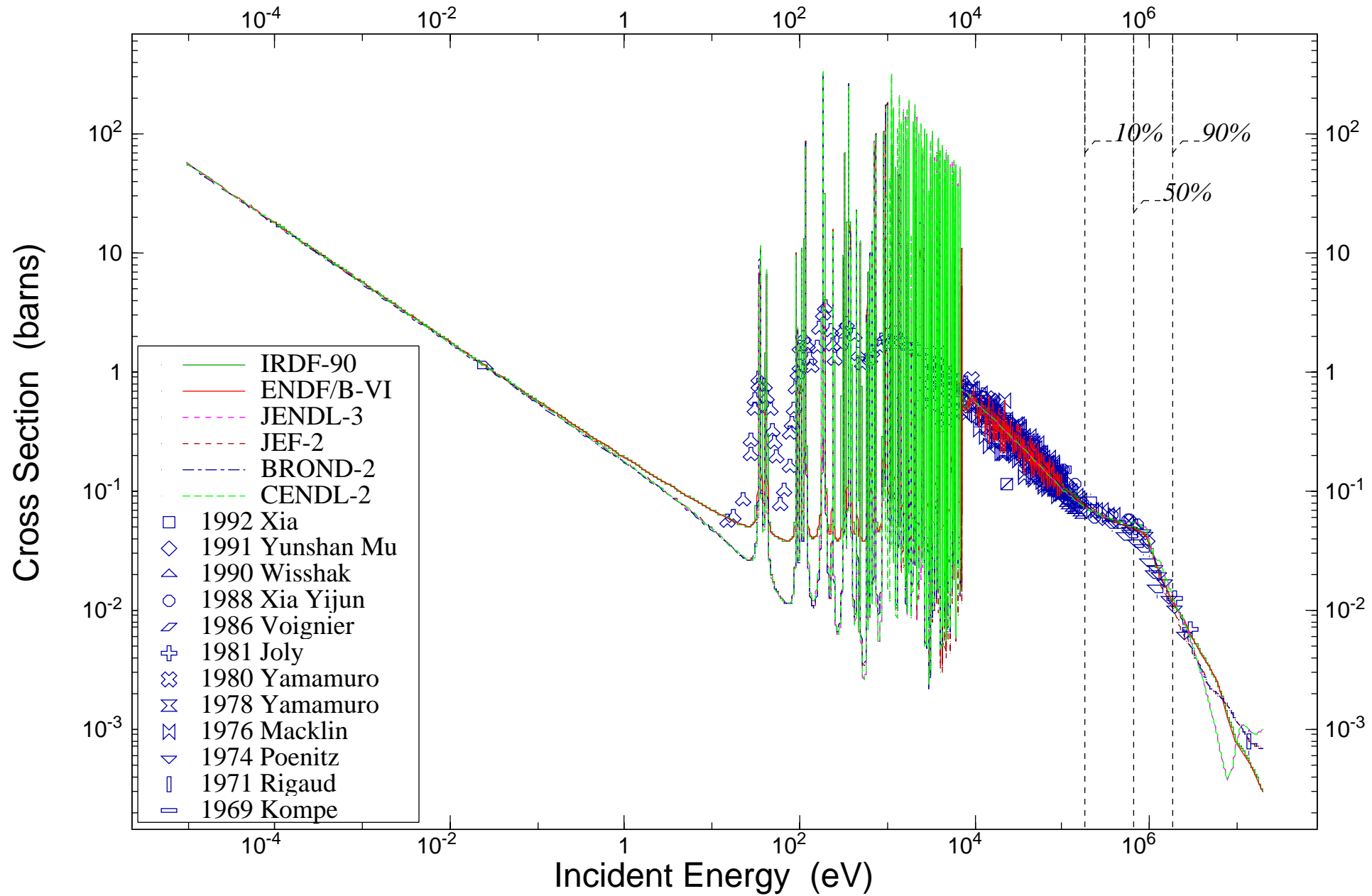
U-235						
	IRDF-90	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	9.60E-02	9.80E-02	1.06E-01	1.01E-01	8.00E-02	1.06E-01
50%	6.30E-01	6.30E-01	6.60E-01	6.00E-01	6.00E-01	6.60E-01
90%	1.80	1.80	1.75	1.70	1.74	1.75
ACS	2.81E-02	2.81E-02	2.95E-02	2.67E-02	2.68E-02	2.95E-02

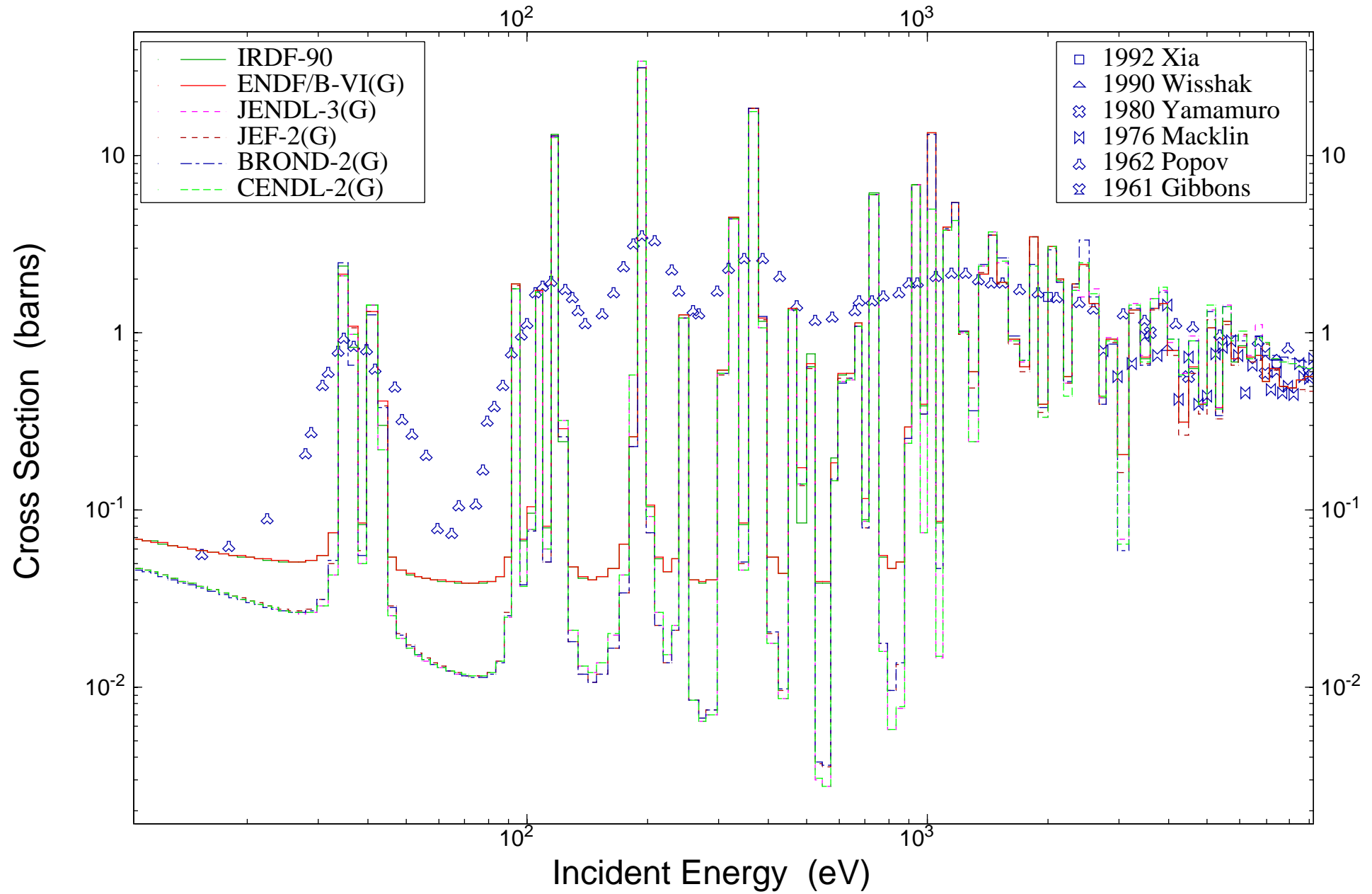
Tabl. 2

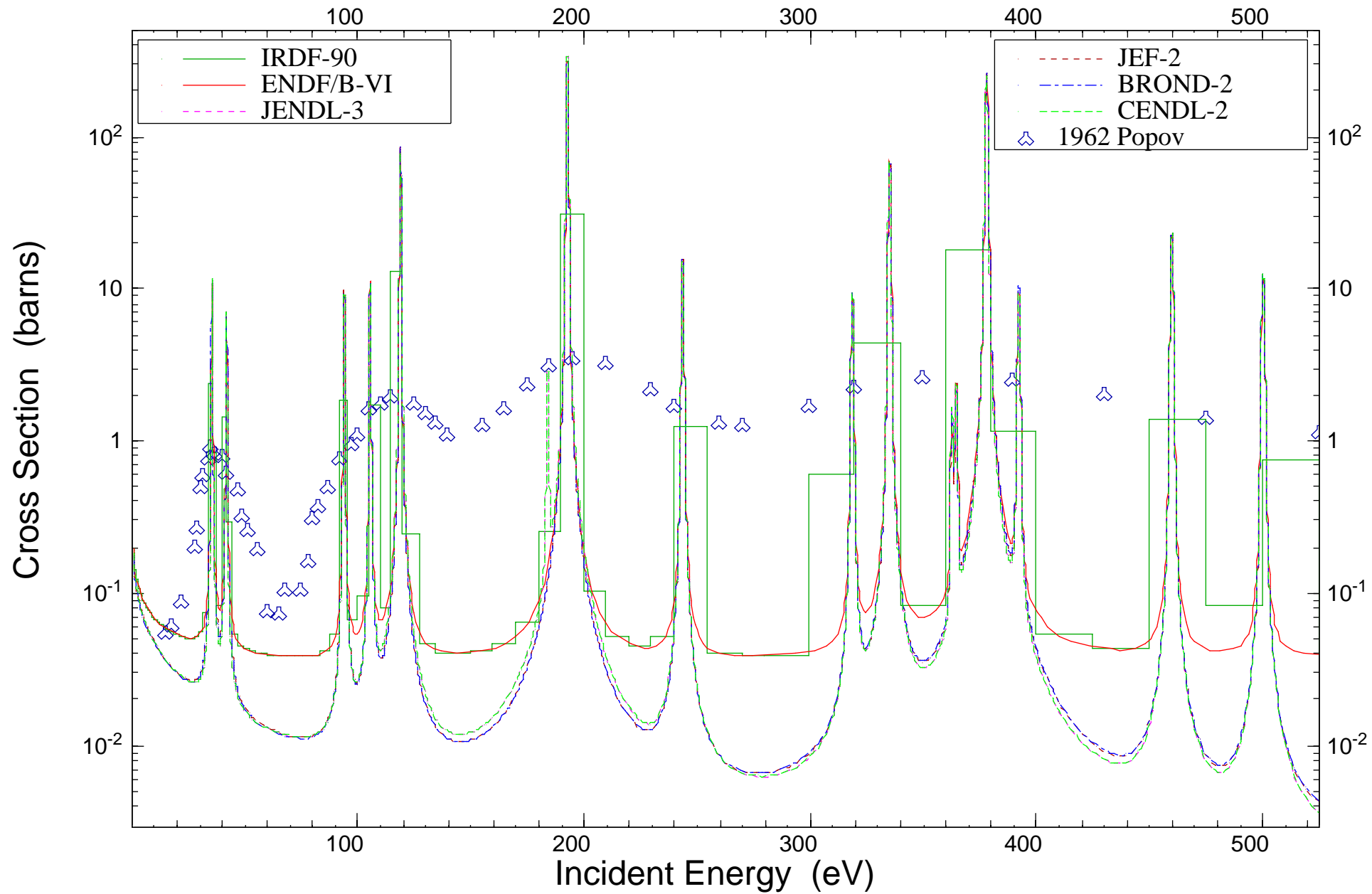
Cf-252						
	IRDF-90	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	1.10E-01	1.10E-01	1.20E-01	1.15E-01	9.20E-02	1.20E-01
50%	6.60E-01	6.60E-01	6.93E-01	6.30E-01	6.30E-01	6.93E-01
90%	1.90	1.90	1.80	1.80	1.80	1.80
ACS	2.63E-02	2.63E-02	2.76E-02	2.49E-02	2.50E-02	2.76E-02

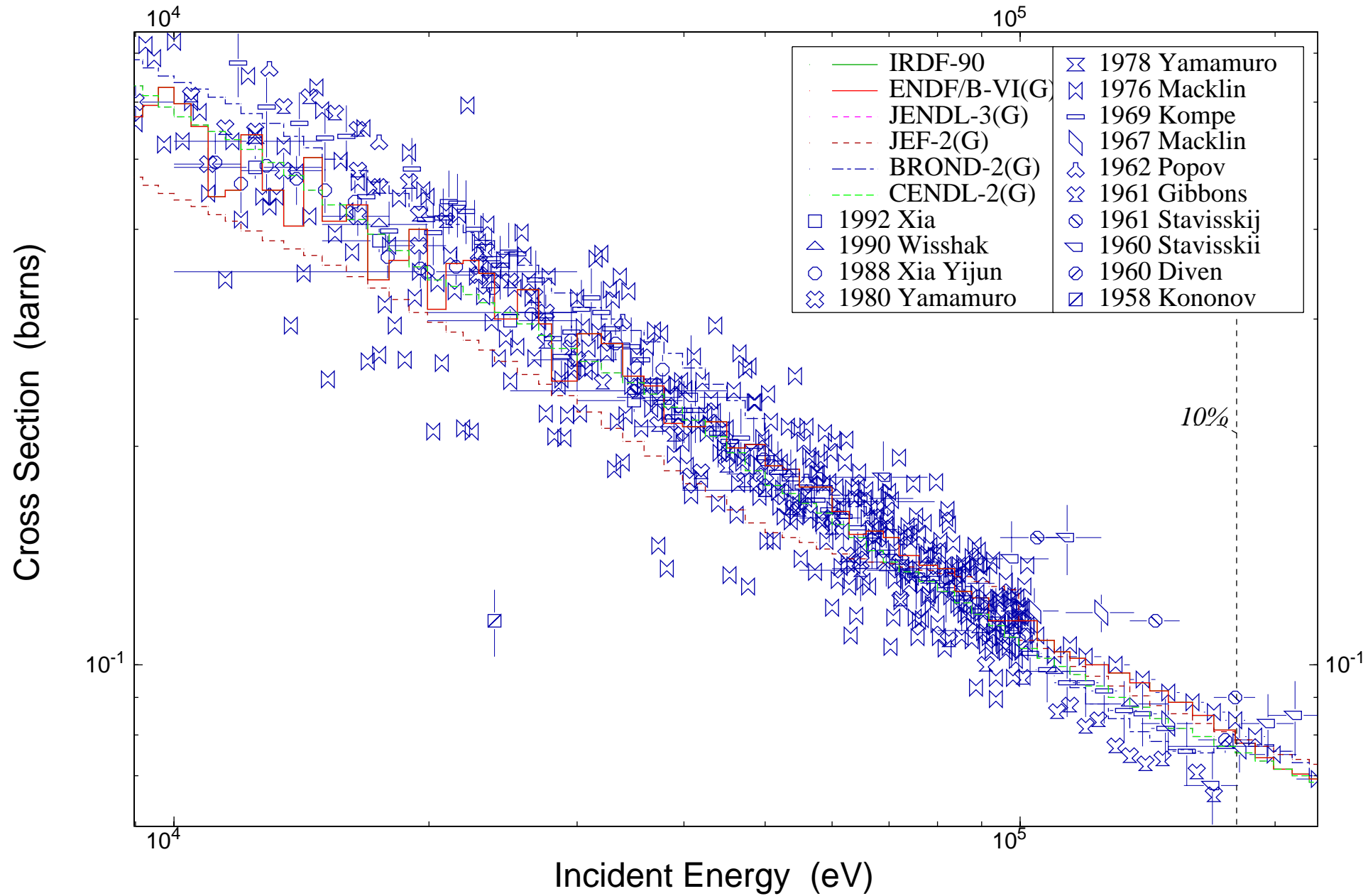
Tabl. 3

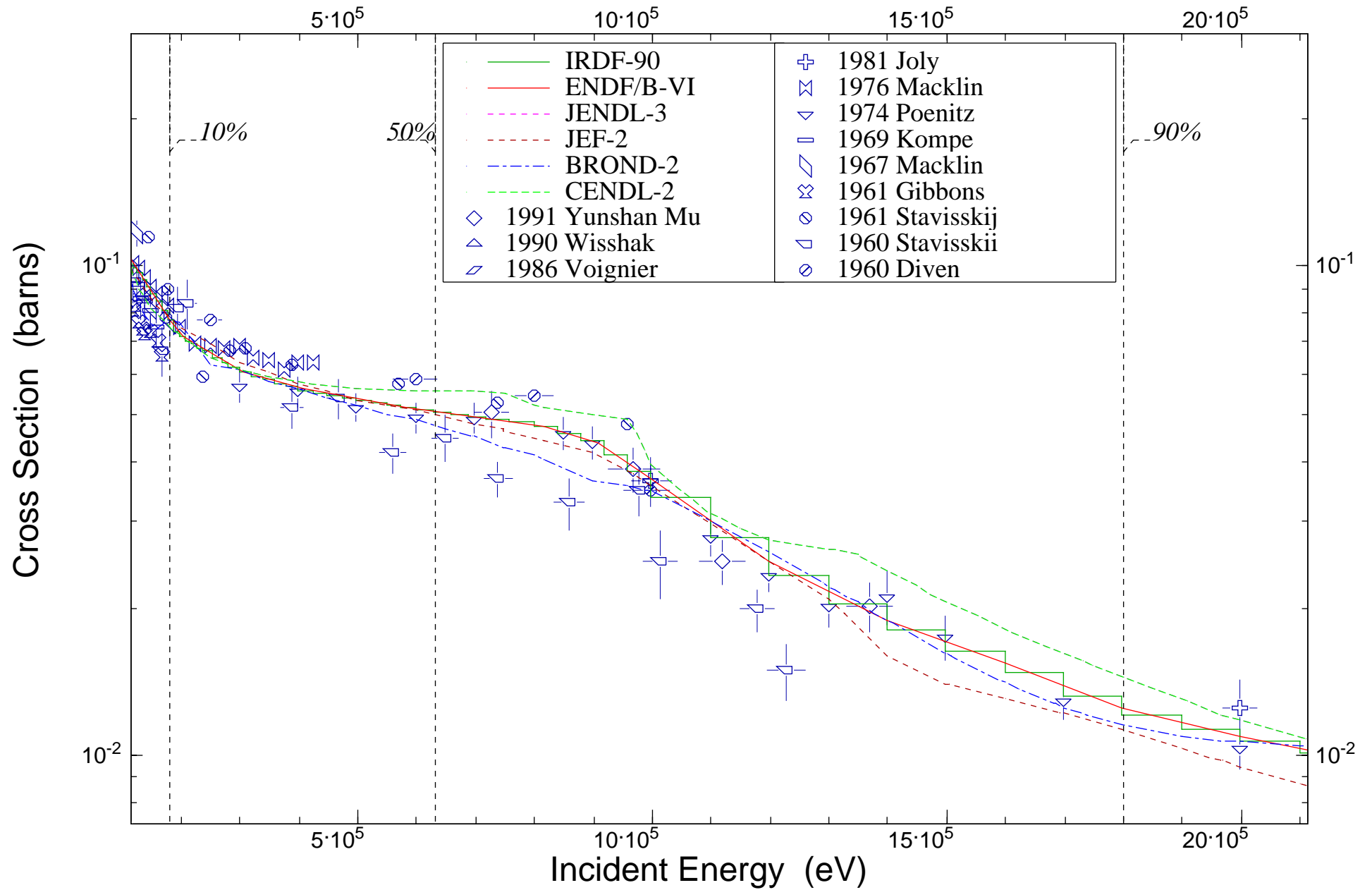
3.0+05	2.5+06	16	1USAANL	R,ANL-NDM-8	7405 W.P.POENITZ	10438002
2.7+03	1.0+05	400	1USAORL	J,NSE,59,12	7601 R.L.MACKLIN	10537002
1.0+05	1.2+05	3	1USAORL	J,NSE,59,12	7601 R.L.MACKLIN	10537003
1.2+05	1.9+05	8	1USAORL	J,NSE,59,12	7601 R.L.MACKLIN	10537004
2.0+05	4.3+05	10	1USAORL	J,NSE,59,12	7601 R.L.MACKLIN	10537005
3.0+04	6.5+04	2	1USAORL	J,PR,122,182	61 J.H.GIBBONS,	11329022
7.5+03	1.7+05	49	1USAORL	J,PR,122,182	61 J.H.GIBBONS,	11329023
1.7+05	1.0+06	7	1USALAS	J,PR,120,556	6010 B.C.DIVEN,	11616012
7.0+04	1.8+05	6	1USAORL	J,PR,159,1007	67 R.L.MACKLIN,	11679008
1.1+04	1.6+05	71	2GERKFK	J,NP/A,133,513	6908 D.KOMPE	20358002
2.4+04	2.4+04	1	2JPNKTO	J,NST,15,637	7809 N.YAMAMURO,	20432002
1.4+07	1.4+07	1	2FR BOR	J,NP/A,173,551	7110 F.RIGAUD,	20532003
2.5-02	2.5-02	1	2UK HAR	J,JNE/A,12,32	6005 R.B.TATTERSALL,	20638020
3.2+03	8.0+04	16	2JPNKTO	J,NST,17,(8),582	8008 N.YAMAMURO,	21466002
5.0+05	3.0+06	5	2FR BRC	R,CEA-R-5089	8108 S.JOLY,	21619004
5.0+05	3.0+06	5	2FR BRC	J,NSE,93,43	86 J.VOIGNIER,	22006007
3.0+03	2.0+05	12	2GERKFK	J,PR/C,42,1731	9010 K.WISSHAK,	22195002
1.0+03	6.0+04	8	2GERKFK	J,PR/C,45,(5),2487	9205 Y.XIA,	22275008
1.1+04	1.0+05	20	3CPRSIU	J,CNP,10,(3),227	8805 XIA YIJUN,	30998004
7.3+05	1.4+06	4	3CPRSIU	J,NSE,108,(3),302	9107 YUNSHAN MU,	32535002
2.4+04	2.4+04	1	4CCPFEI	J,AE,5,564	58 V.N.KONONOV,	40421015
4.1+04	1.2+06	17	4CCPFEI	J,AE,9,401	60 YU.YA.STAVISSKII,	40452003
2.0+04	9.6+05	13	4CCPFEI	J,AE,10,(3),264	6103 JU.JA.STAVISSKIJ,	40641002
1.5+01	5.6+04	83	4CCPLEB	J,ZET,42,(4),988	6204 JU.P.POPOV,	40797005

$^{93}\text{Nb}(n,\gamma)^{94}\text{Nb}$ 

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