

Program Complot
(Version 2021-1)

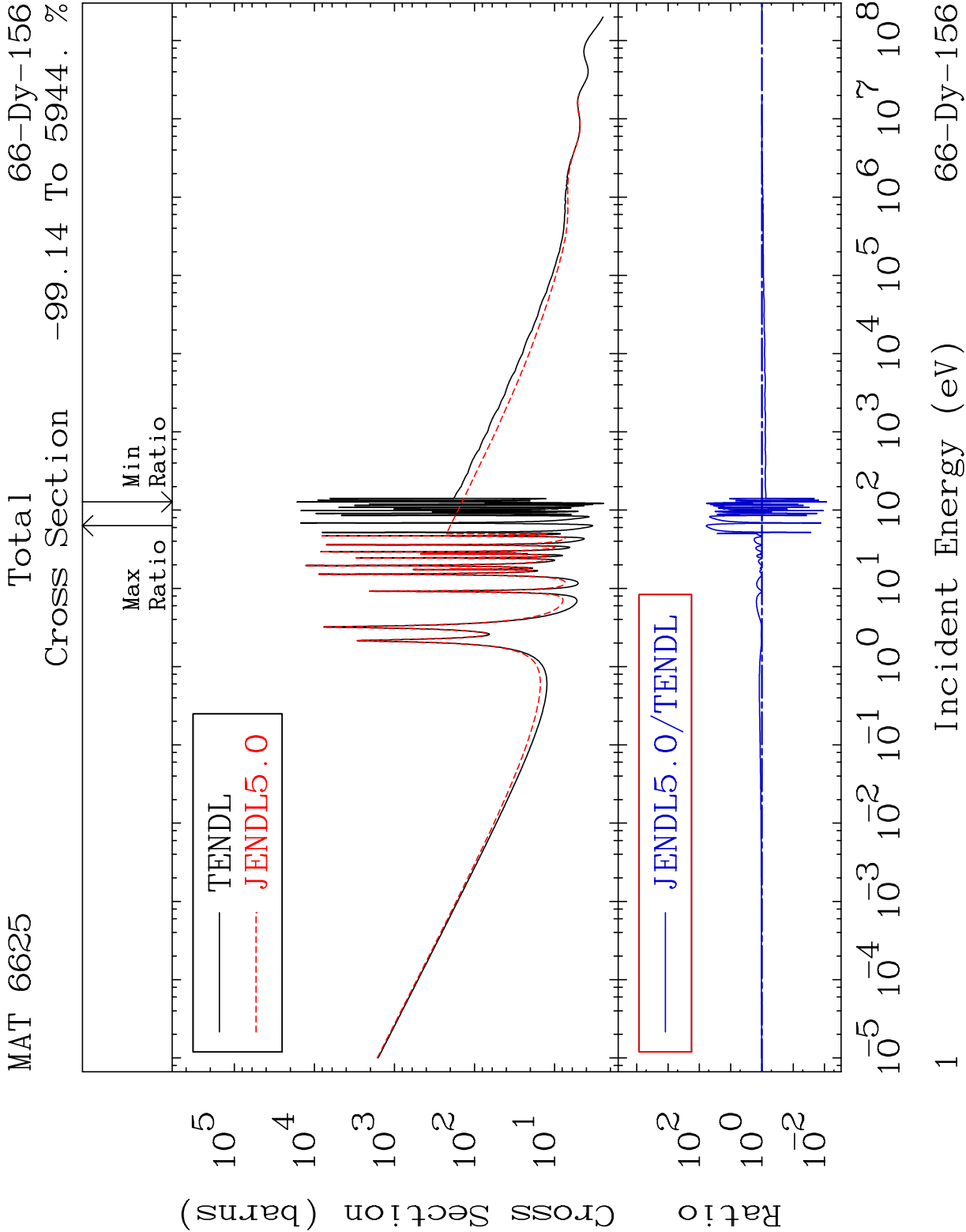
by

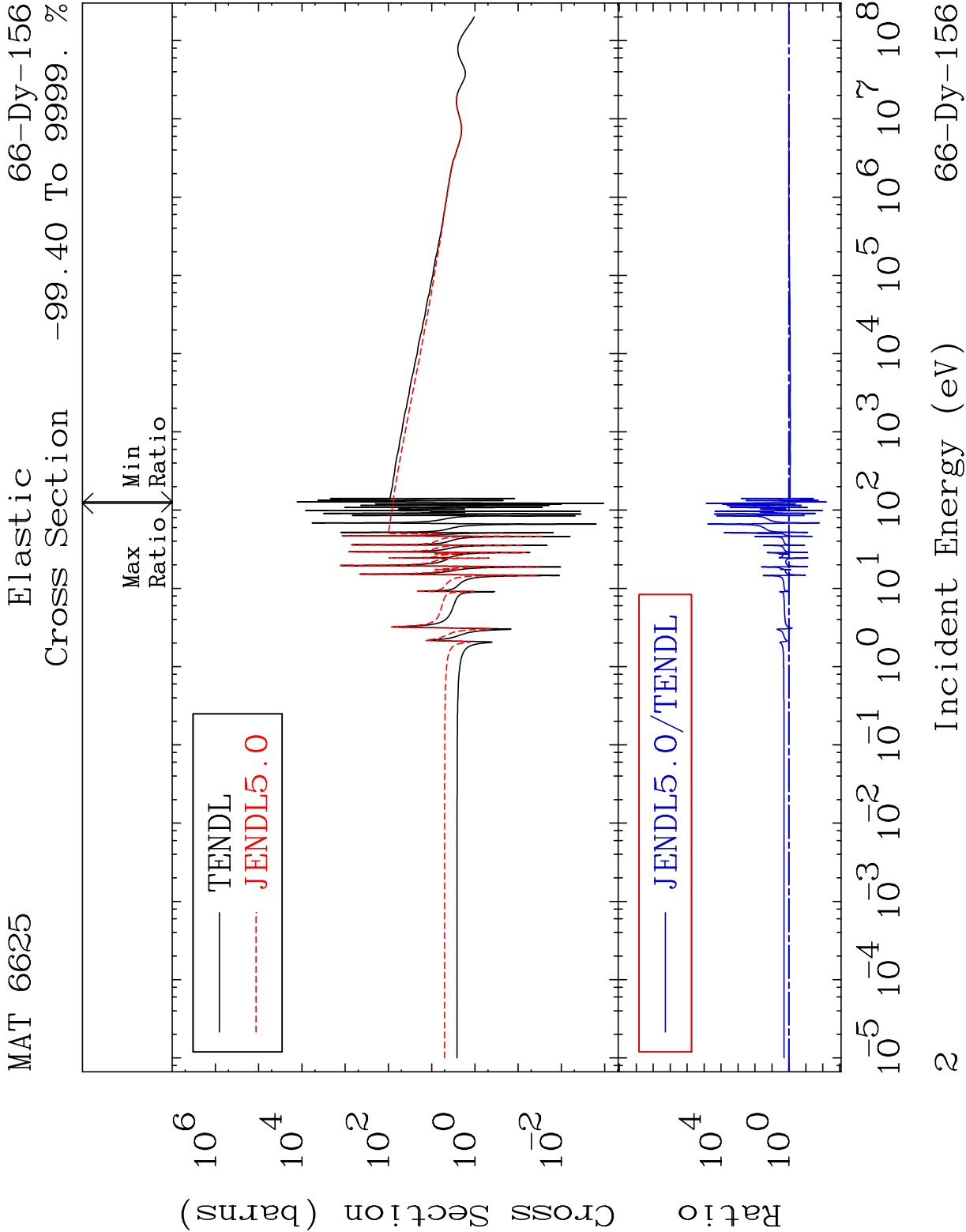
Dermott E. Cullen
(Present Contact Information)

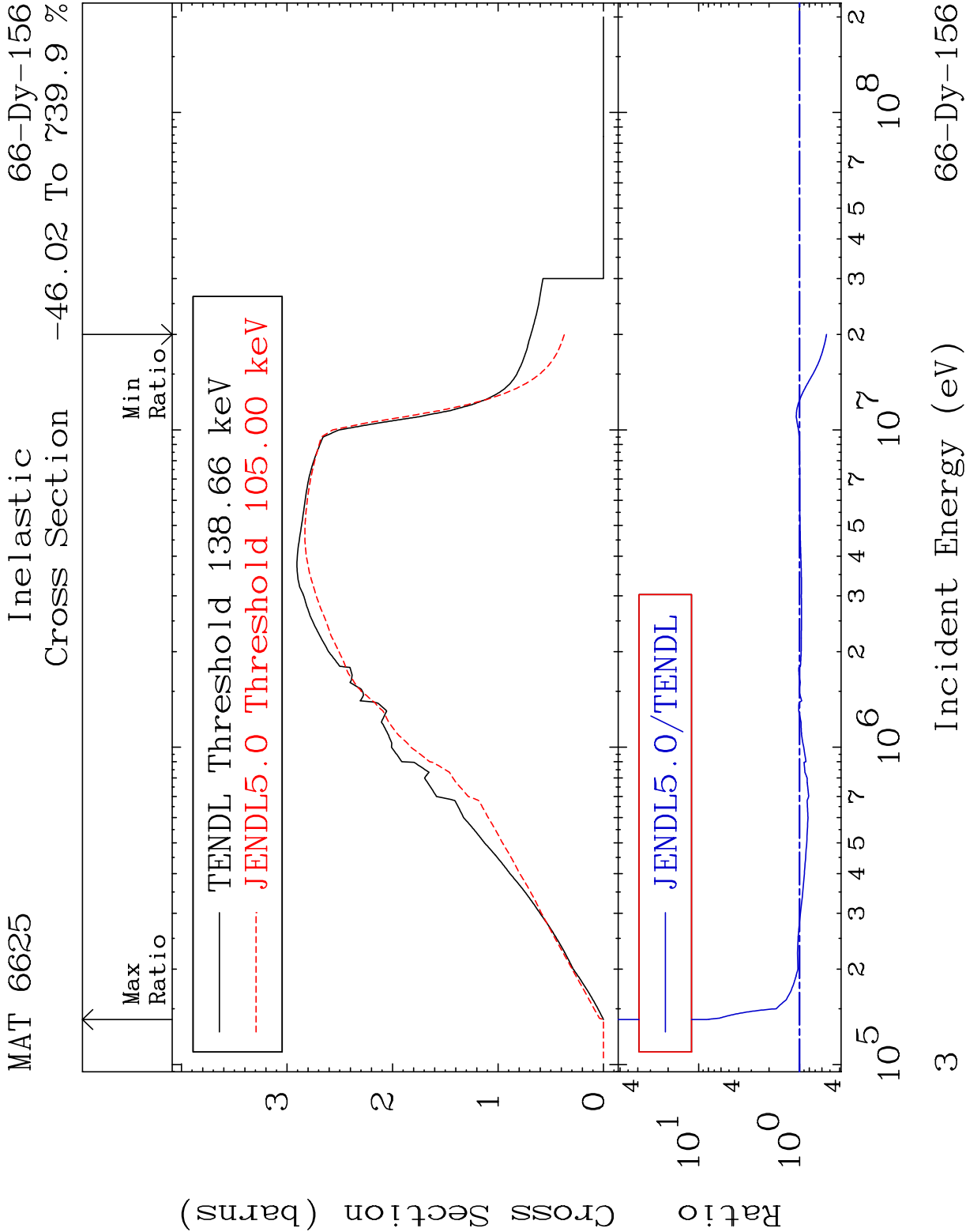
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

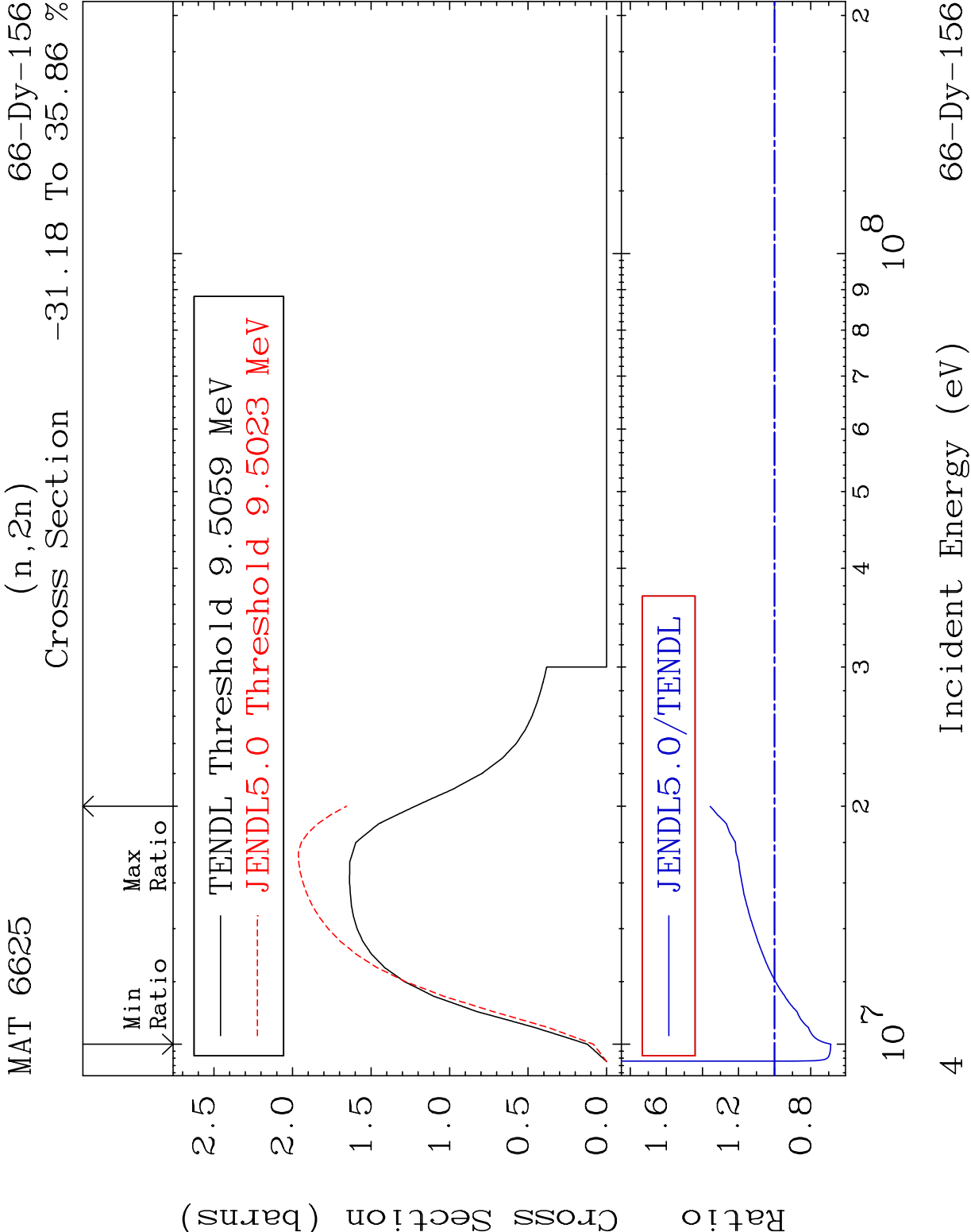
Tele: 925-443-1911
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

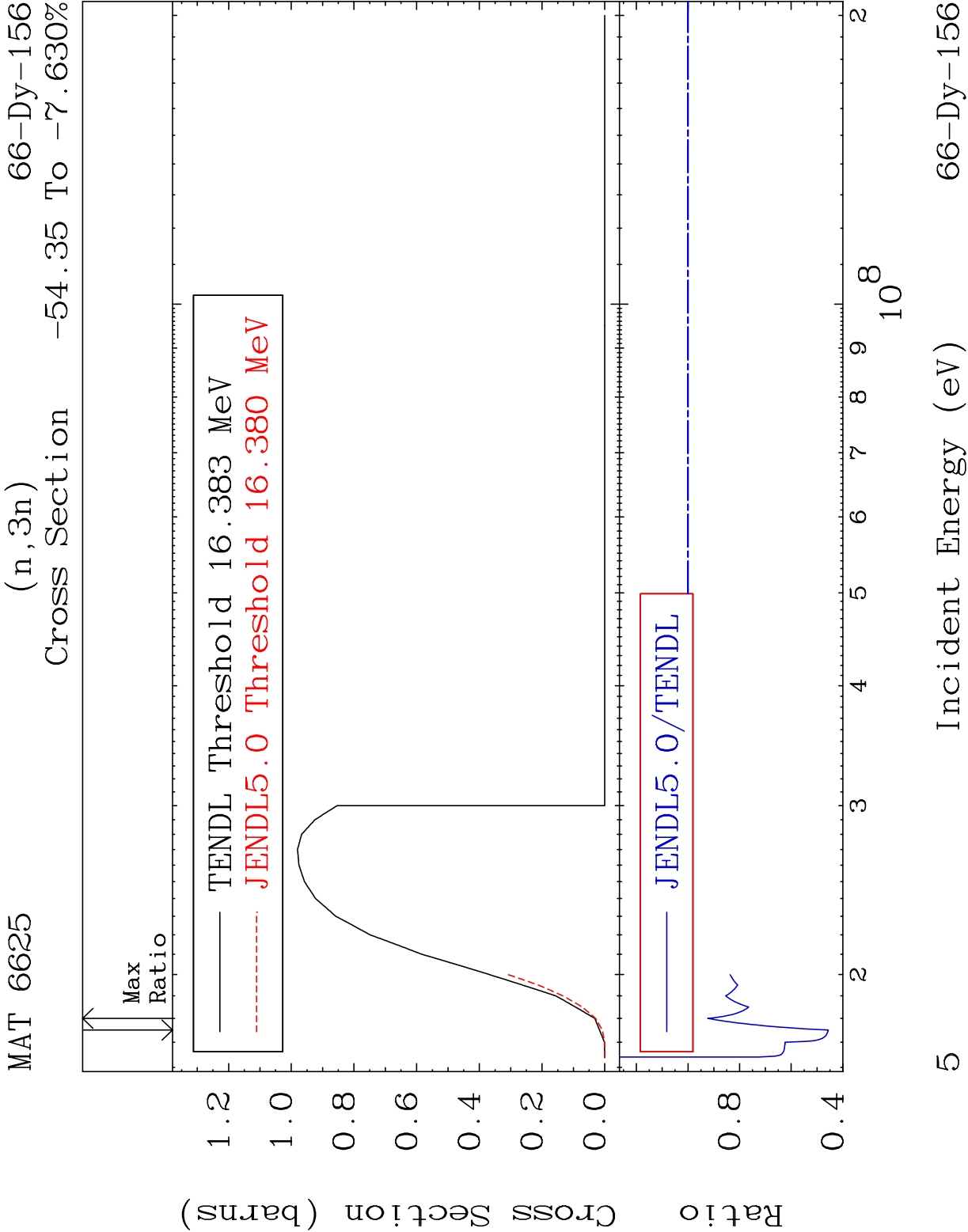
Press Mouse Button to Start

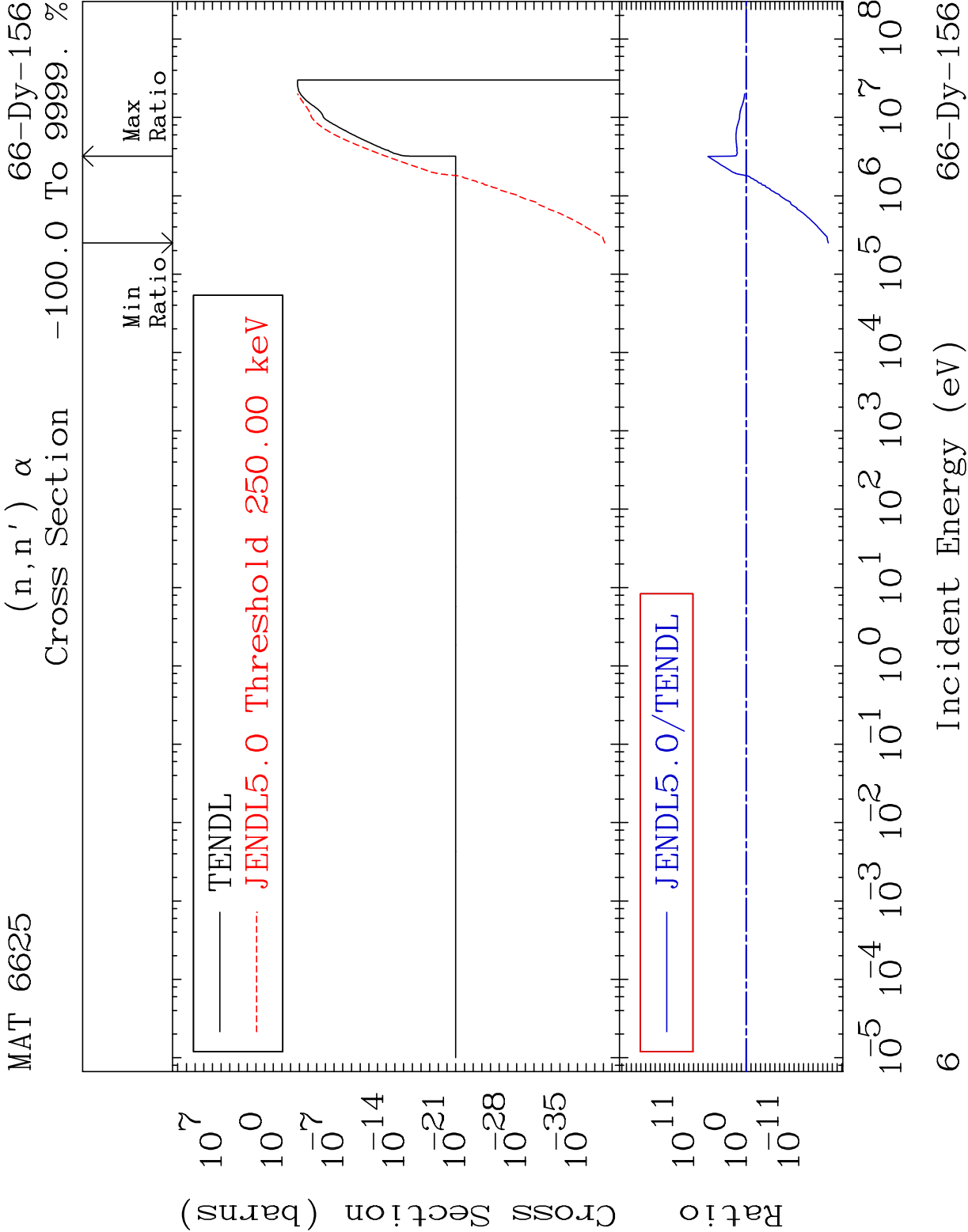


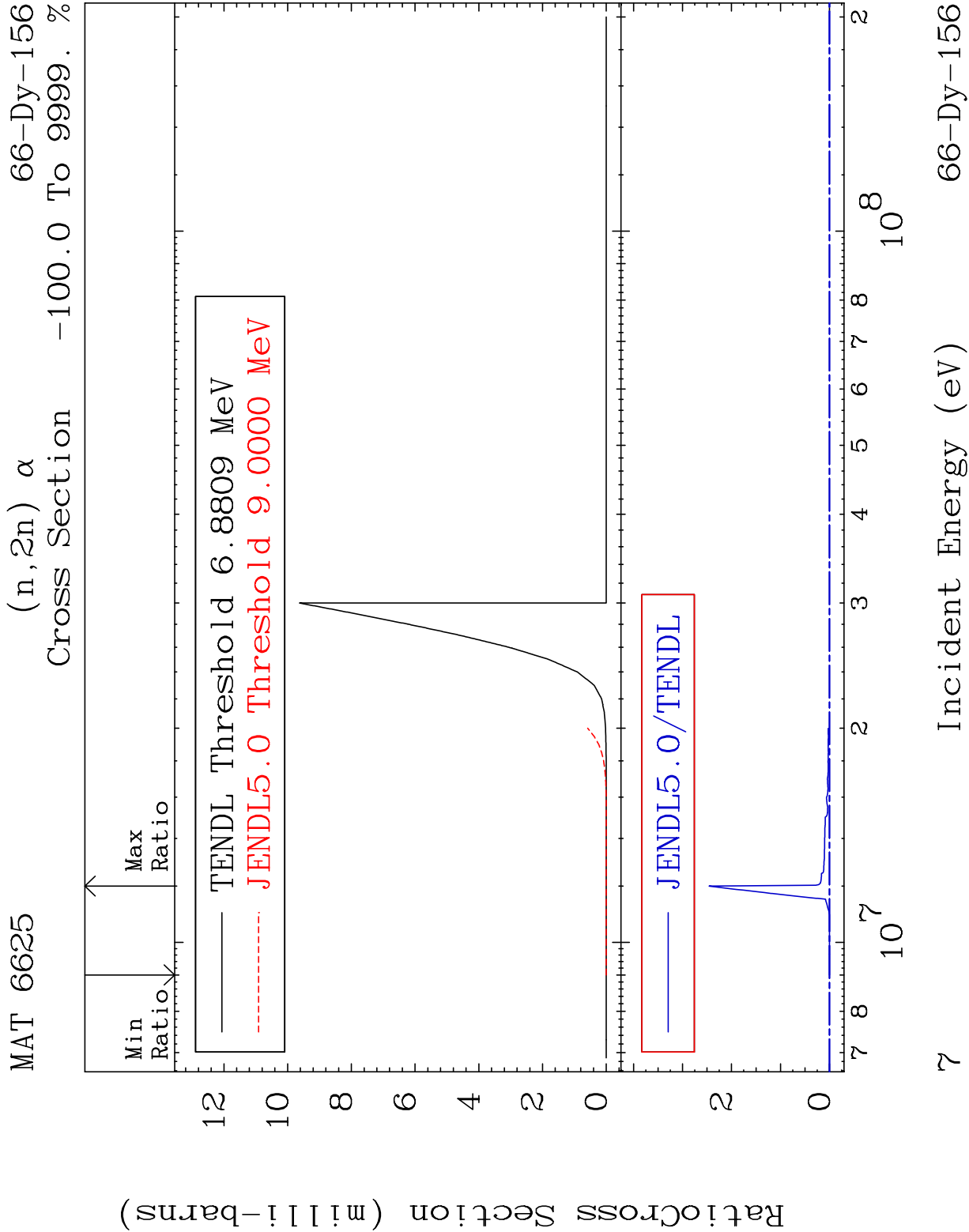


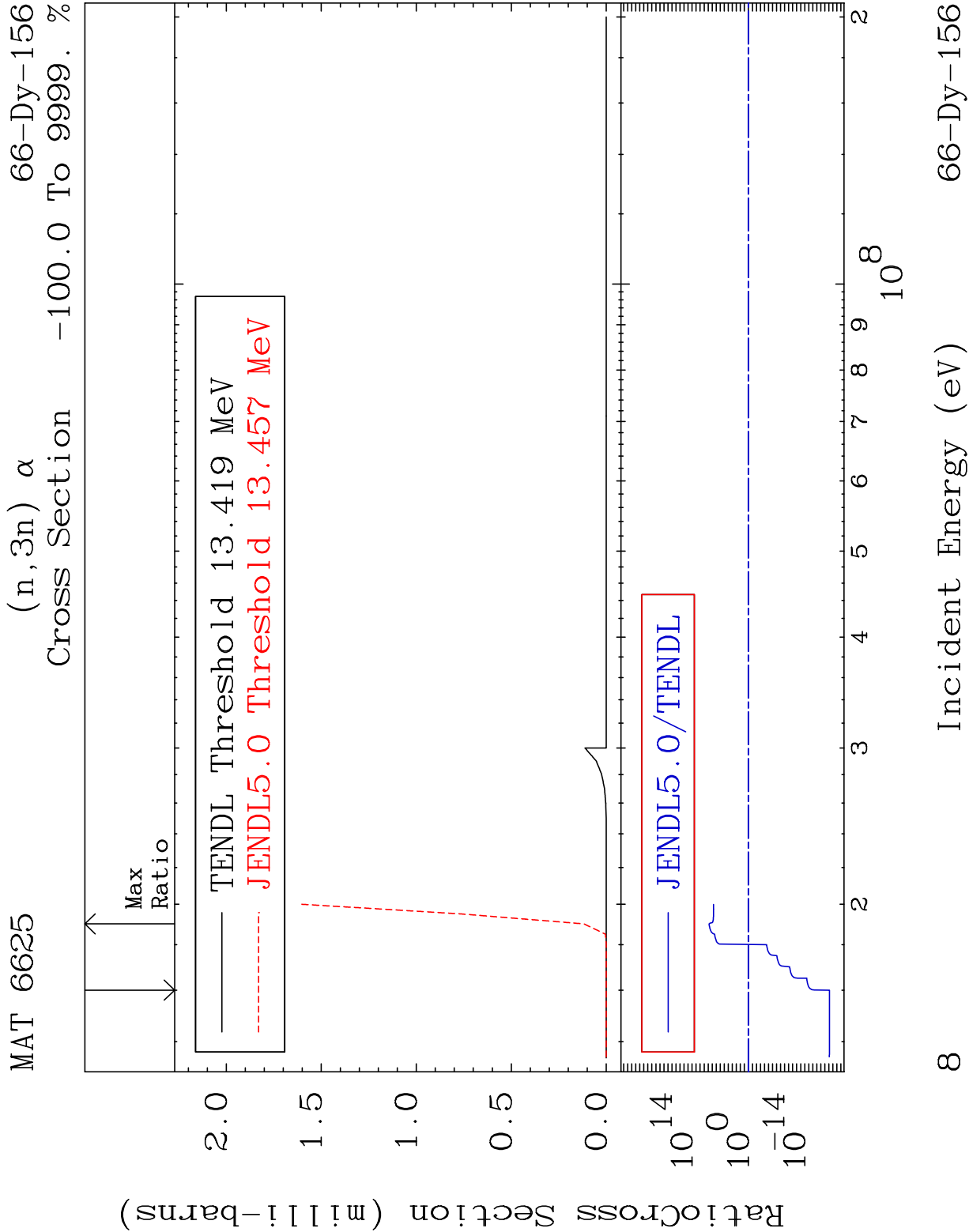










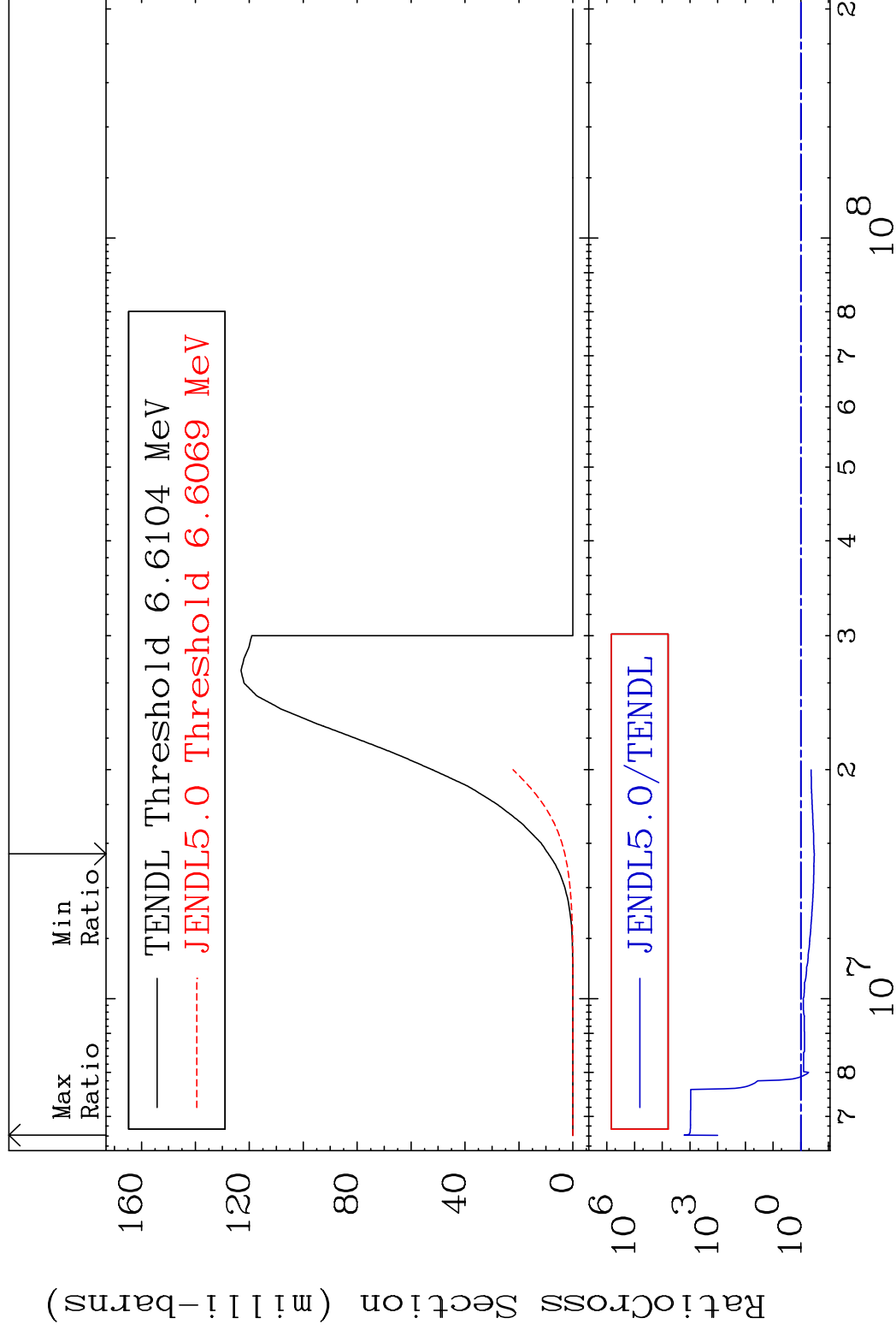


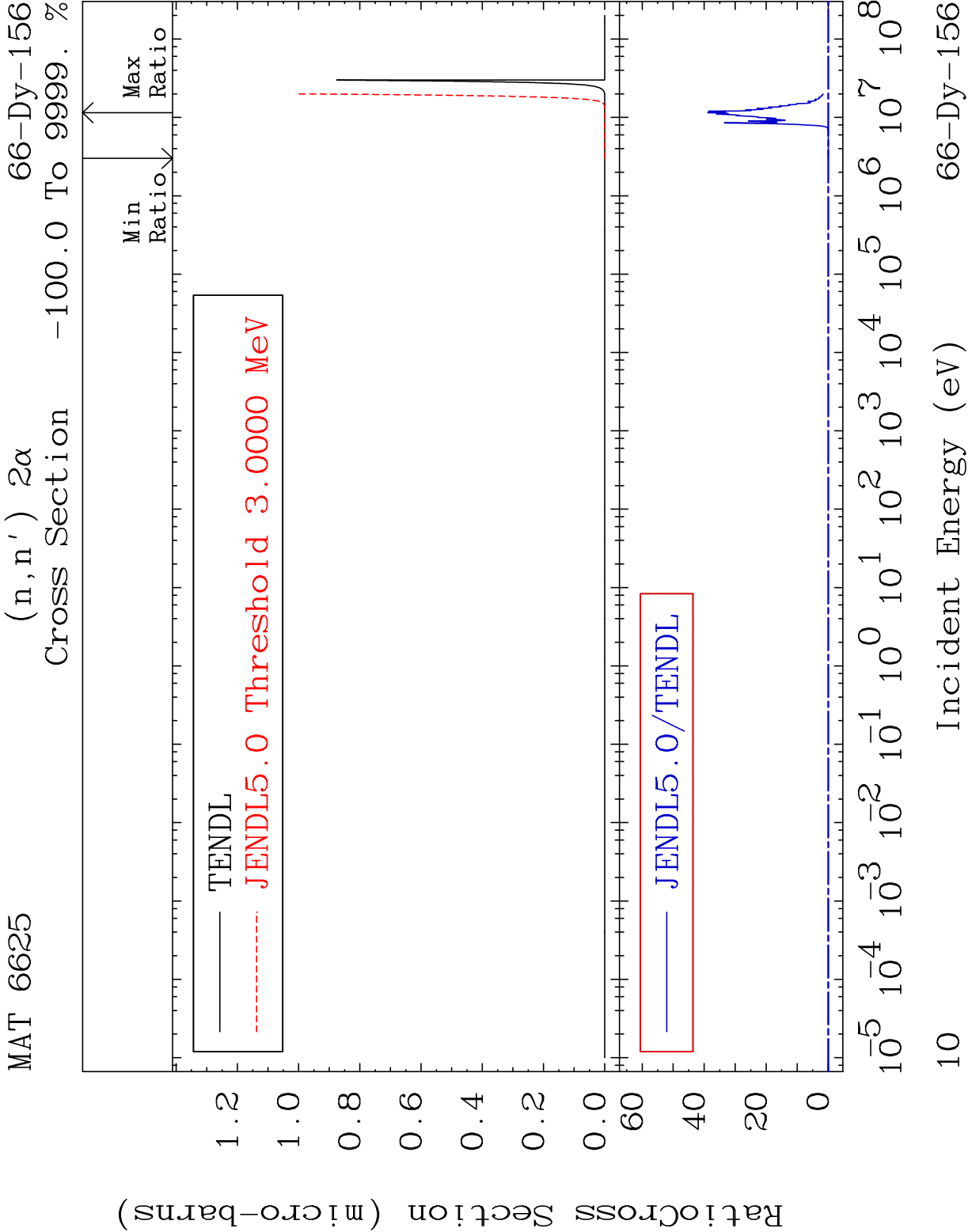
MAT 6625

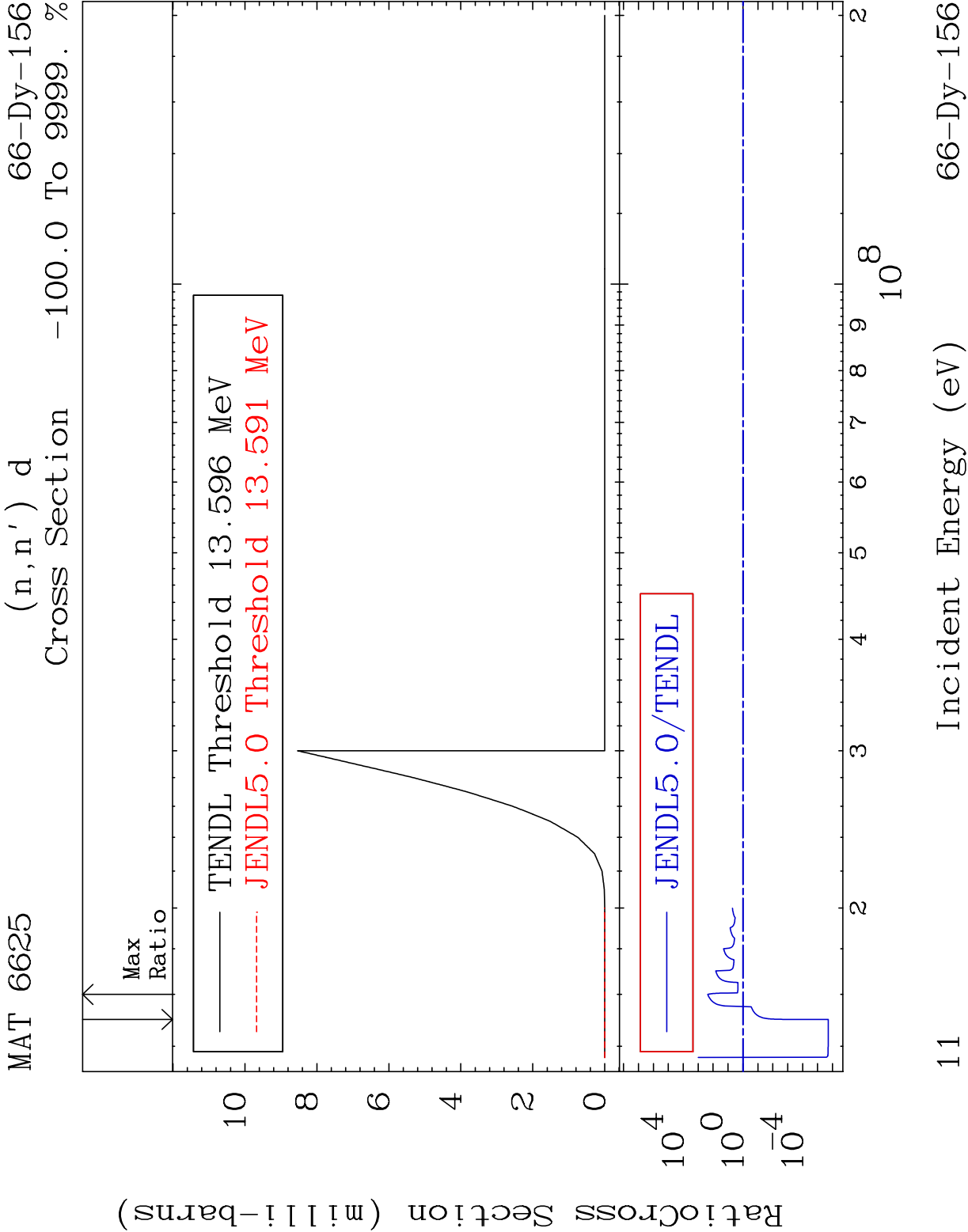
$$(n, n')$$

66-Dy-156

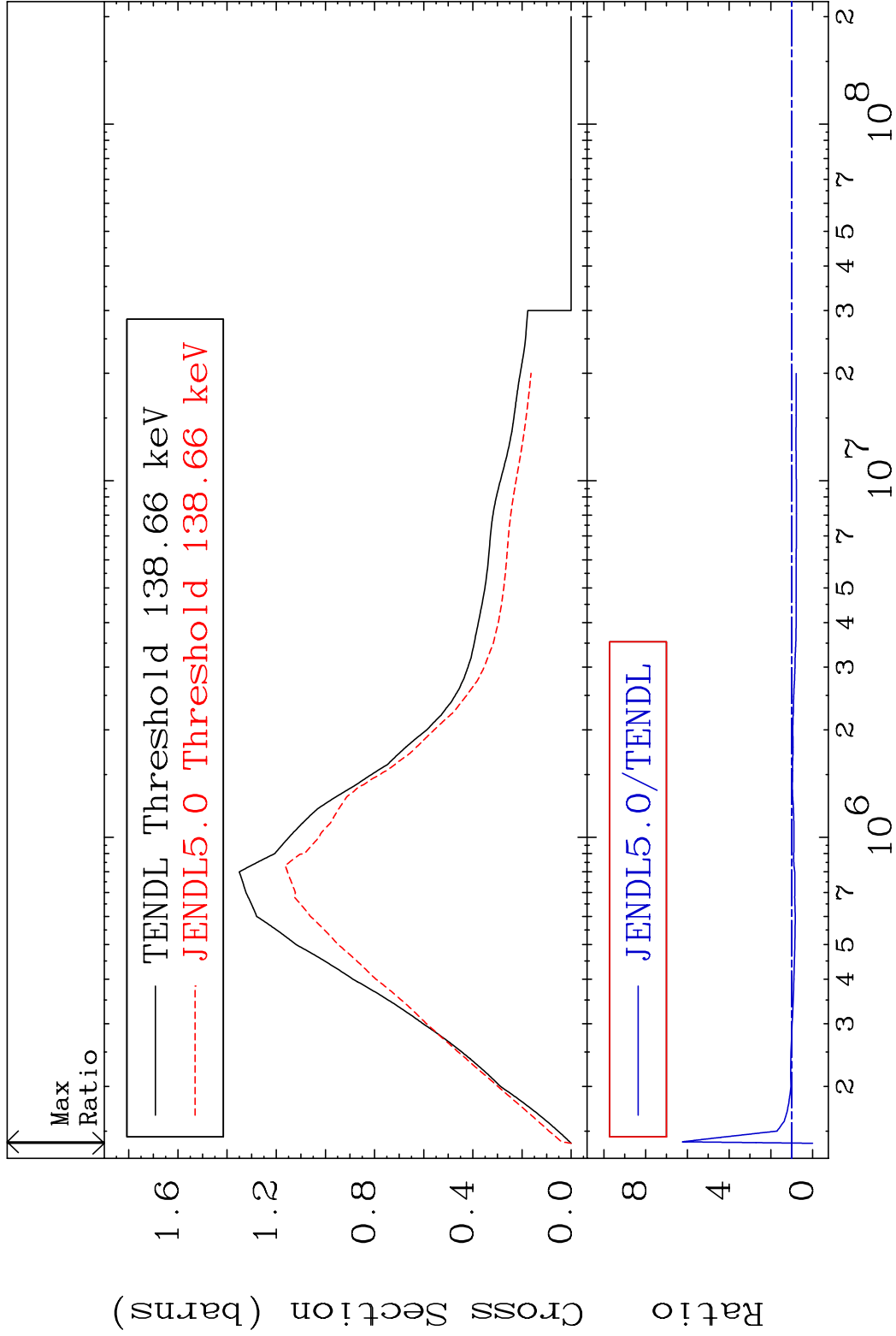
Cross Section -67.23 To 9999. %



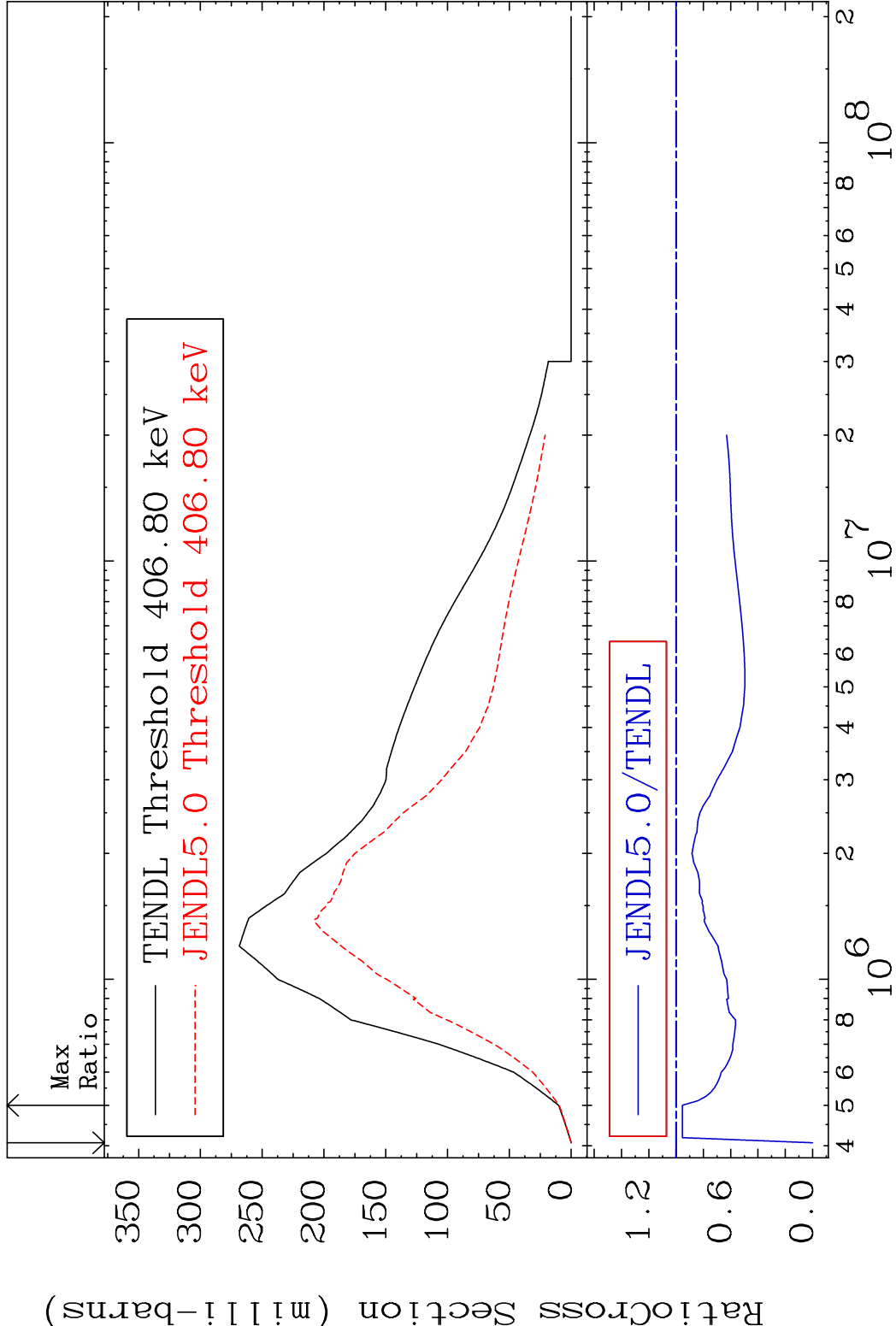




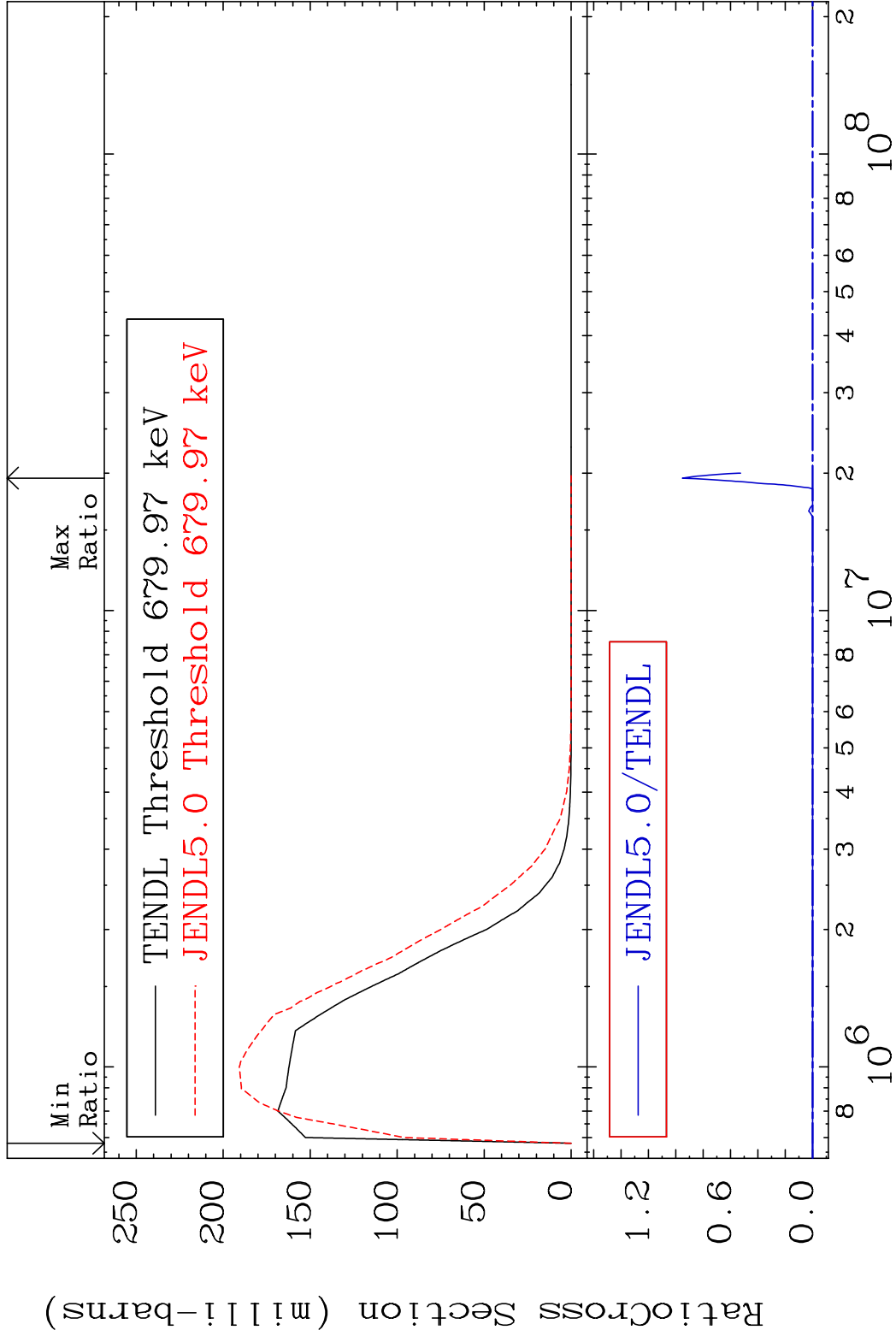
MAT 6625 MT= 51 (n,n') Level 66-Dy-156
Cross Section -100.0 To 523.9 %



MAT 6625 MT= 52 (n,n') Level 66-Dy-156
Cross Section -100.0 To -4.580%



MAT 6625 MT= 53 (n,n') Level 66-Dy-156
Cross Section -100.0 To 9999. %

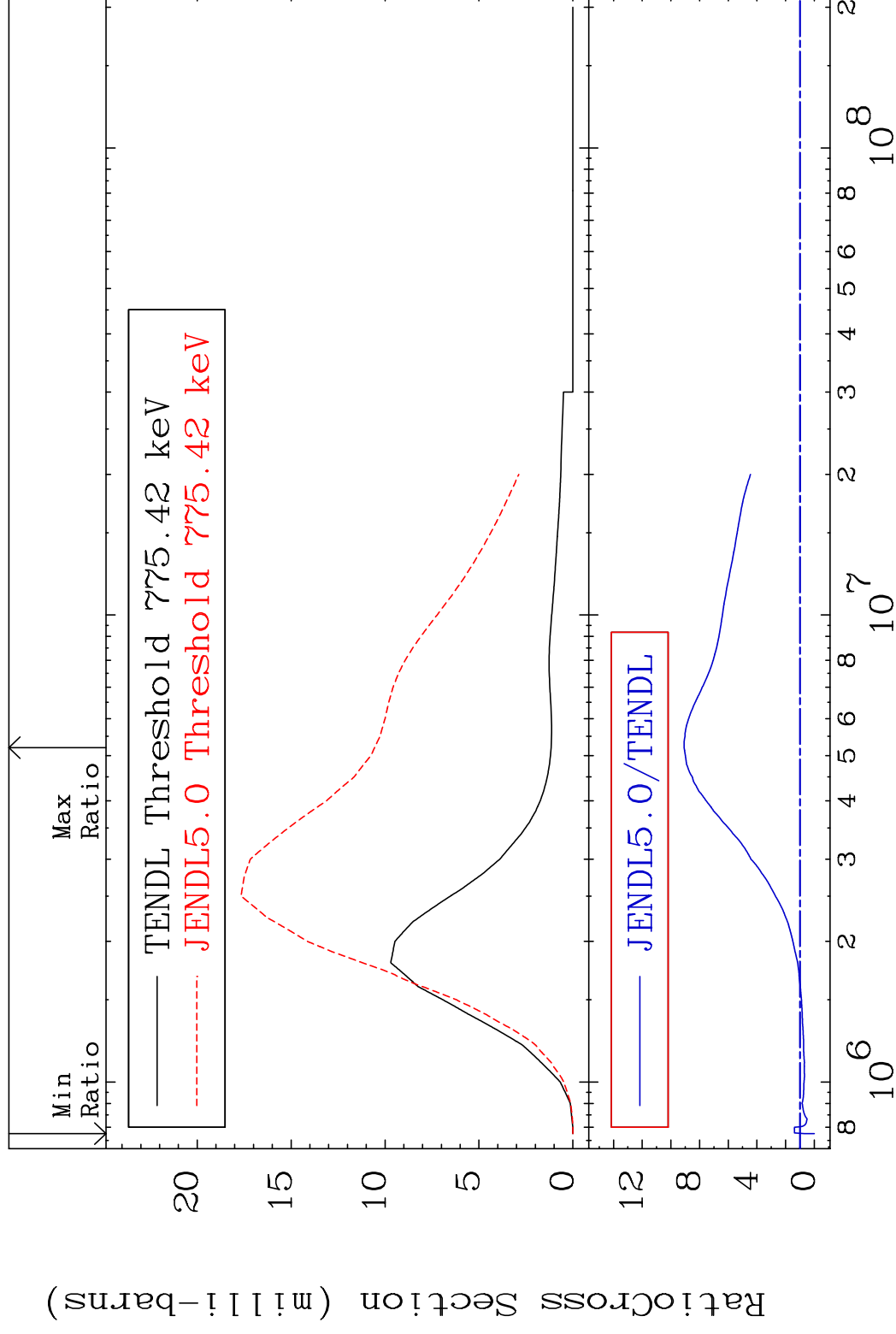


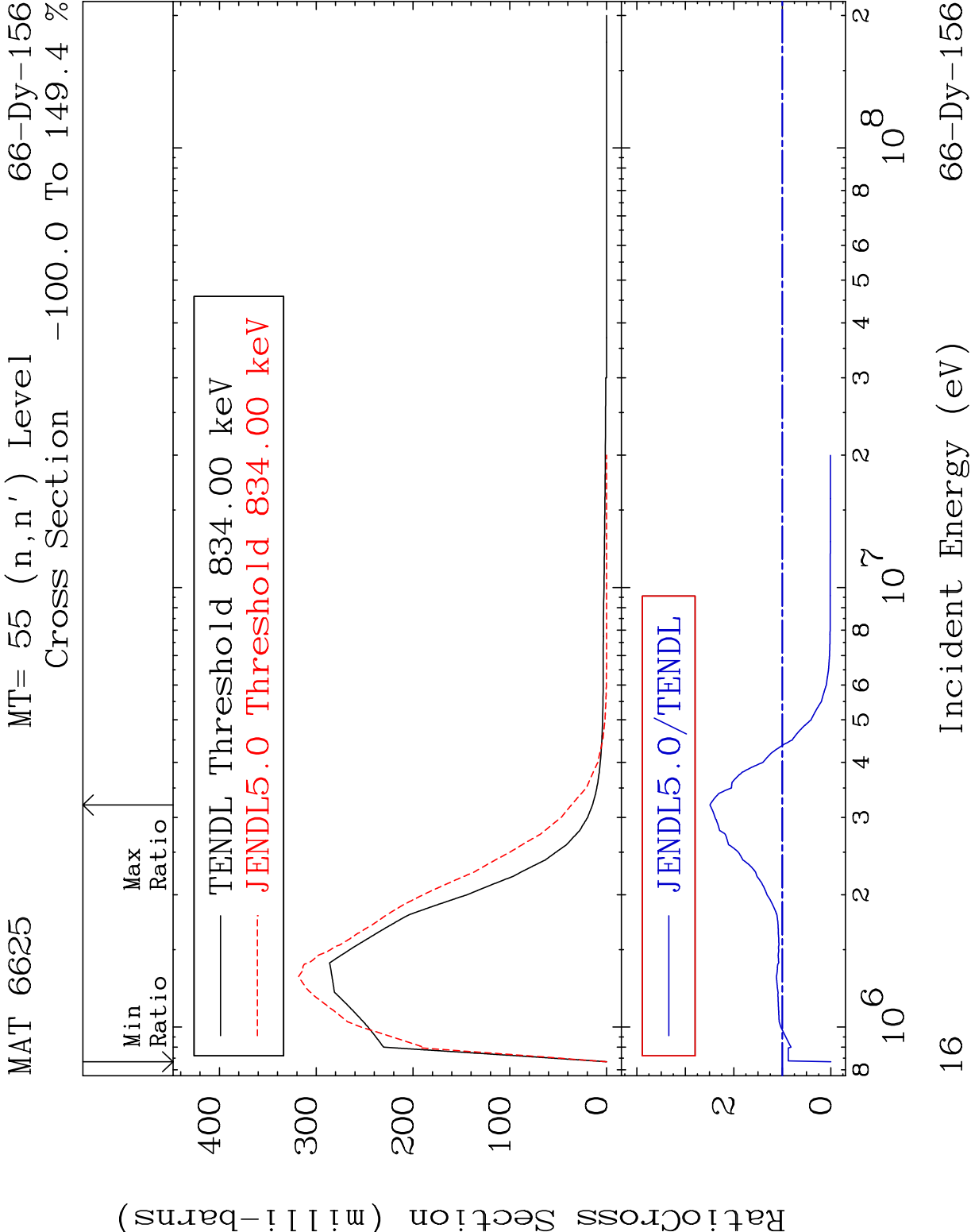
MAT 6625

MT= 54 (n, n') Level

66-Dy-156

Cross Section



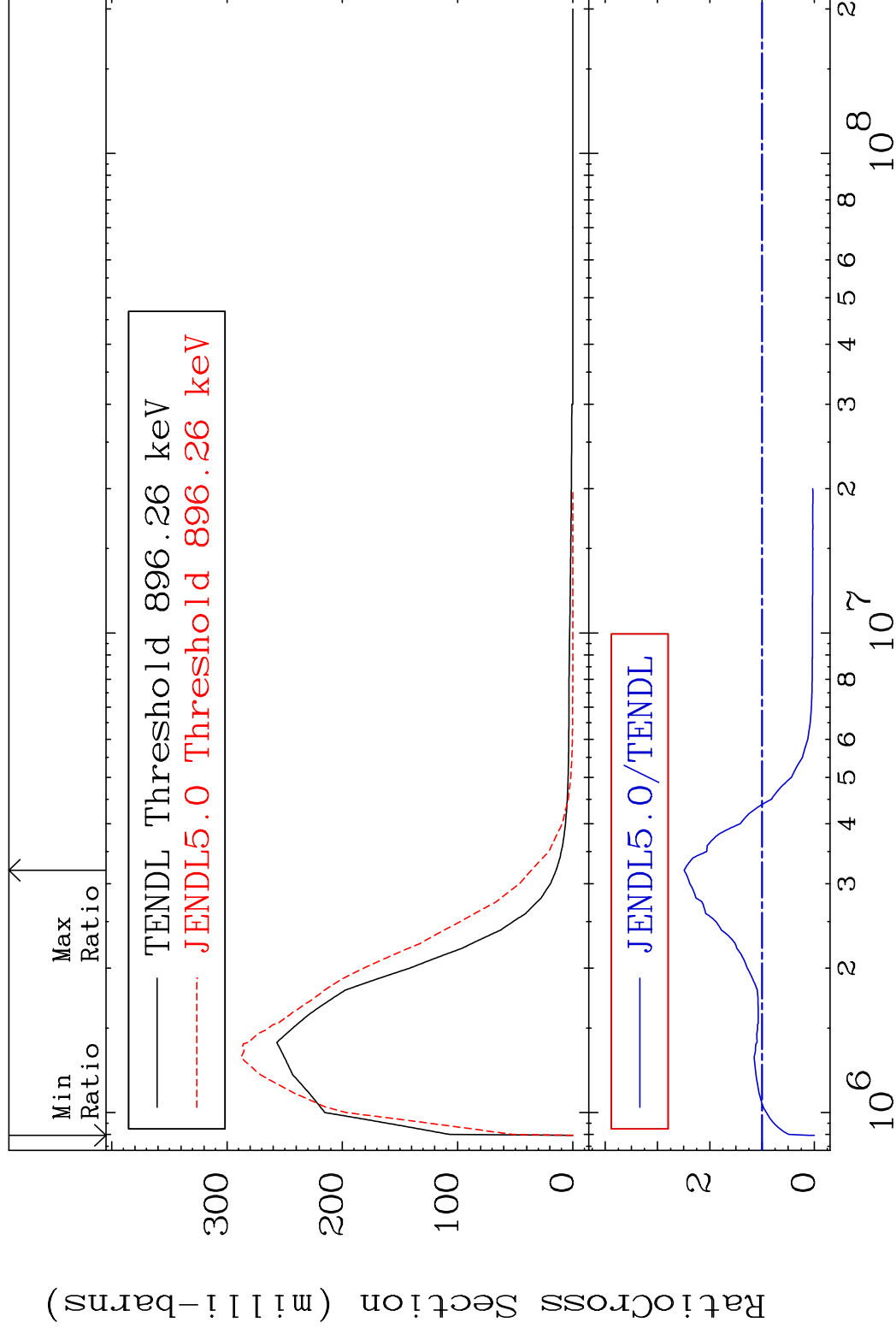


MAT 6625

MT= 56 (n, n') Level

66-Dy-156

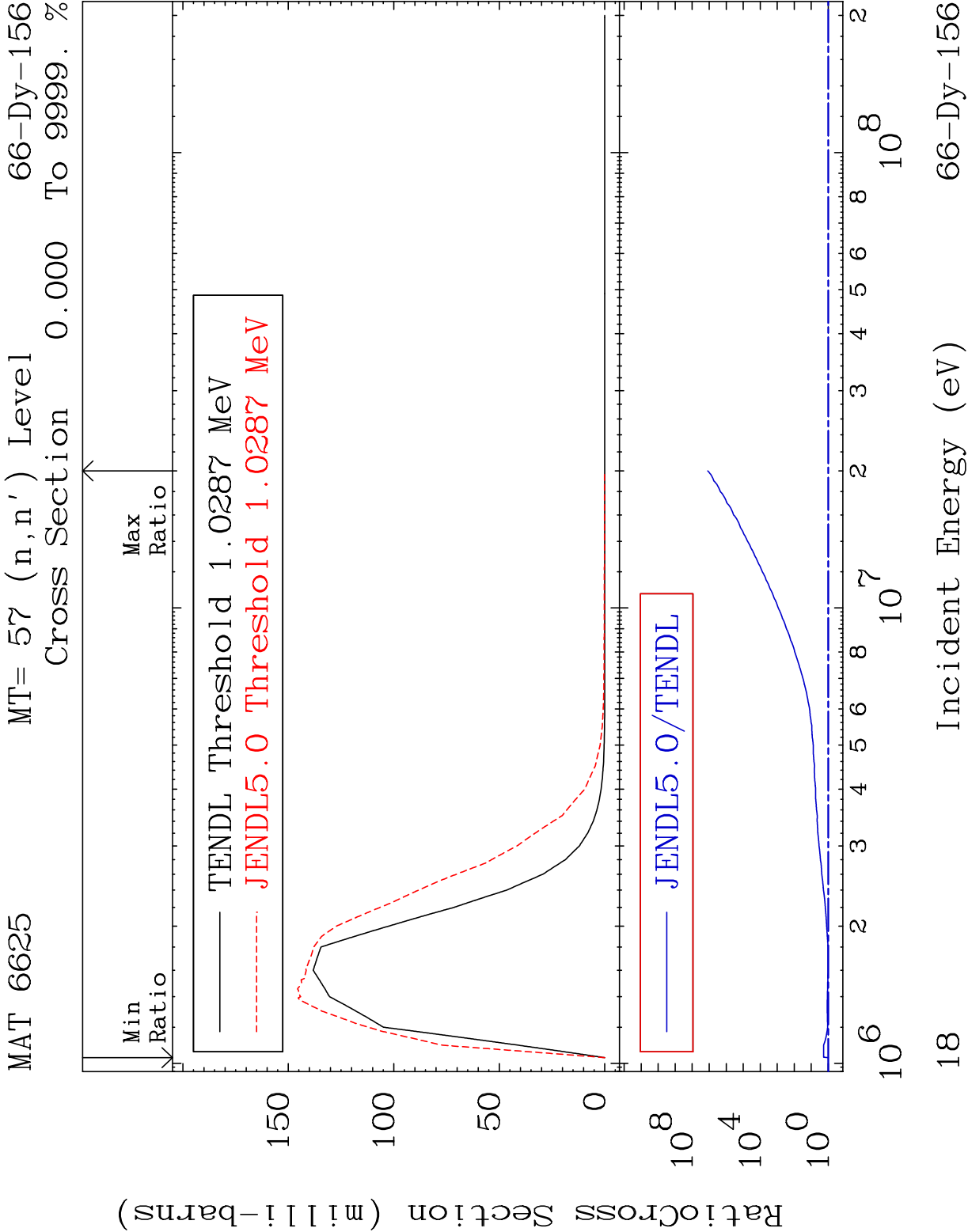
Cross Section

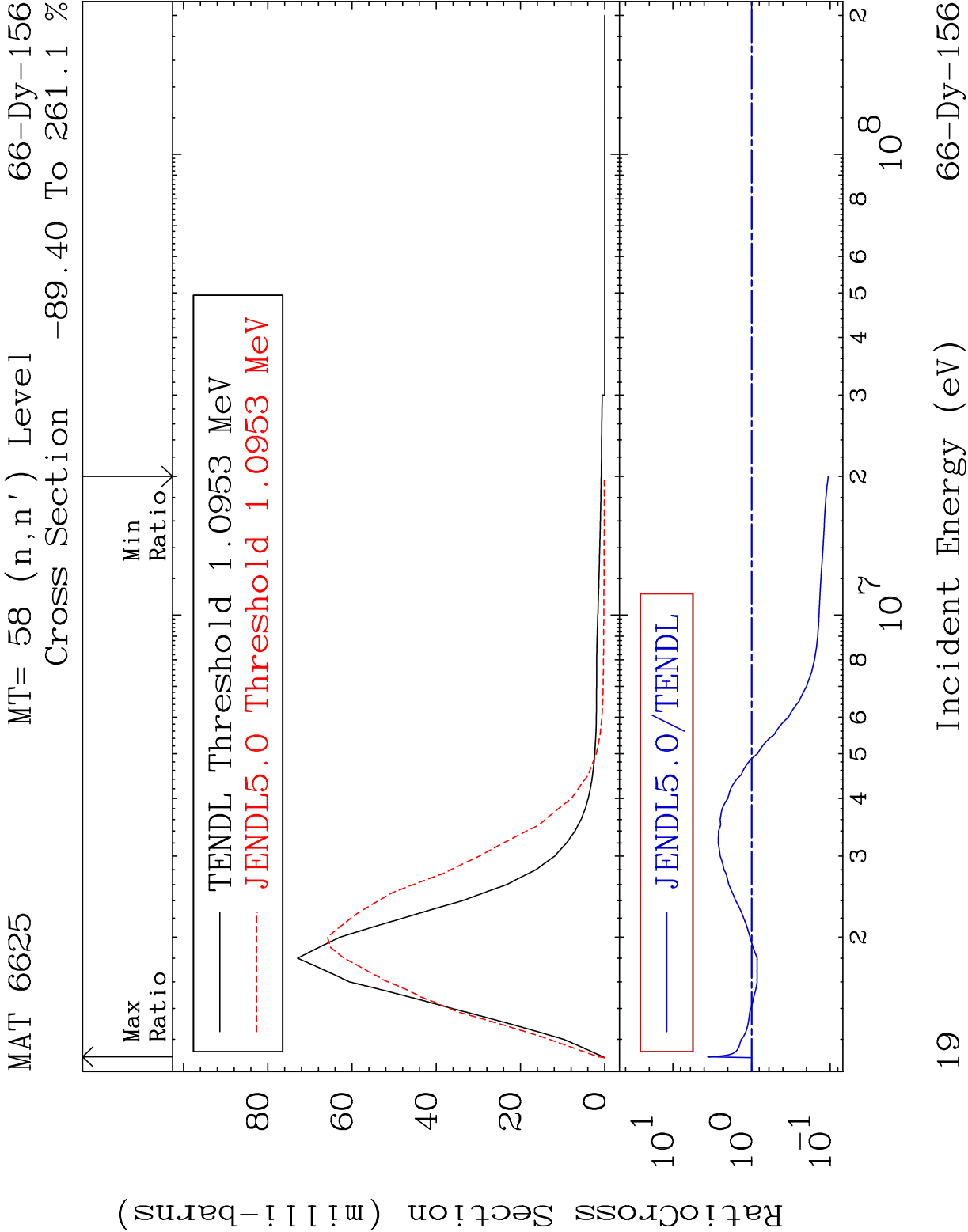


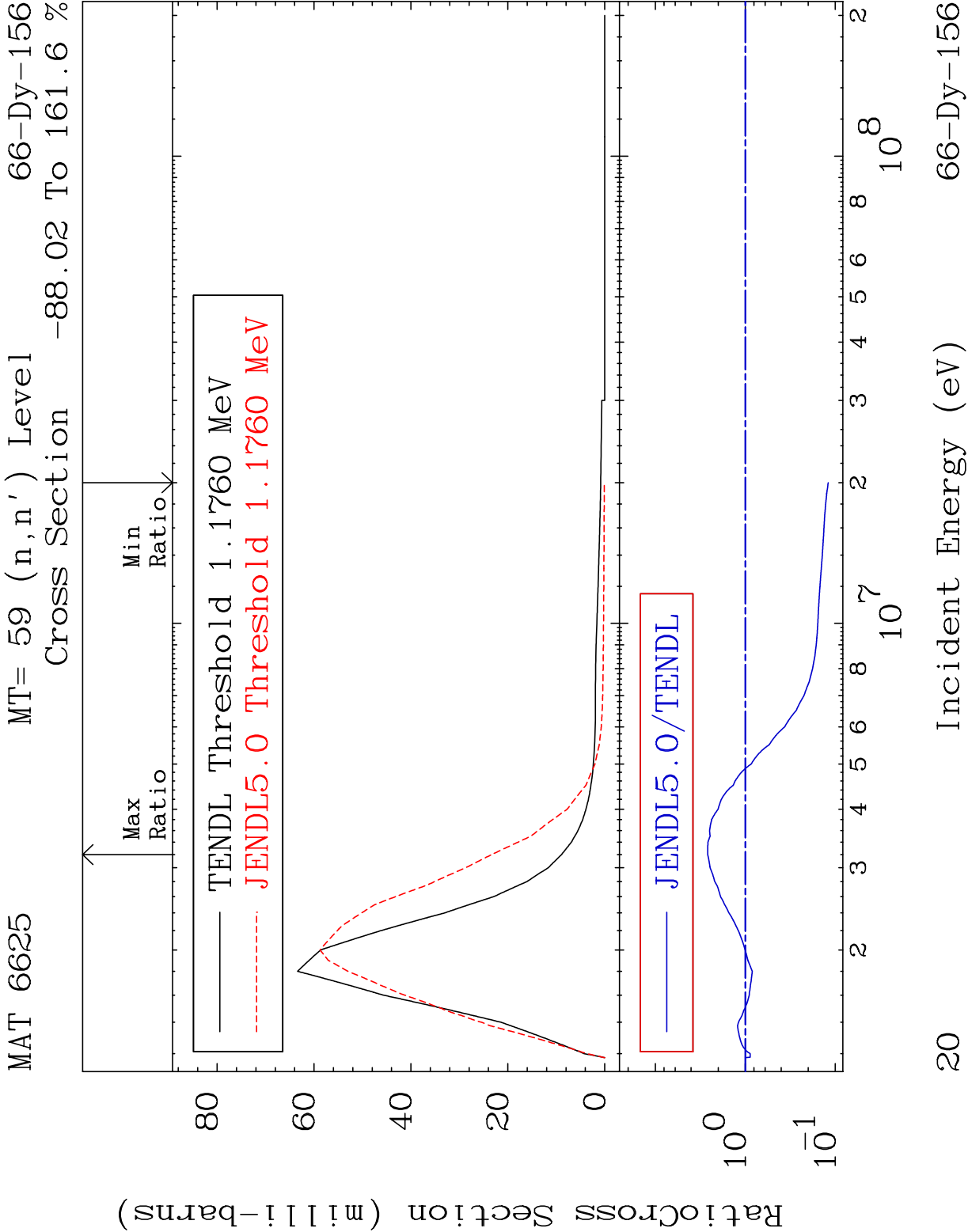
17

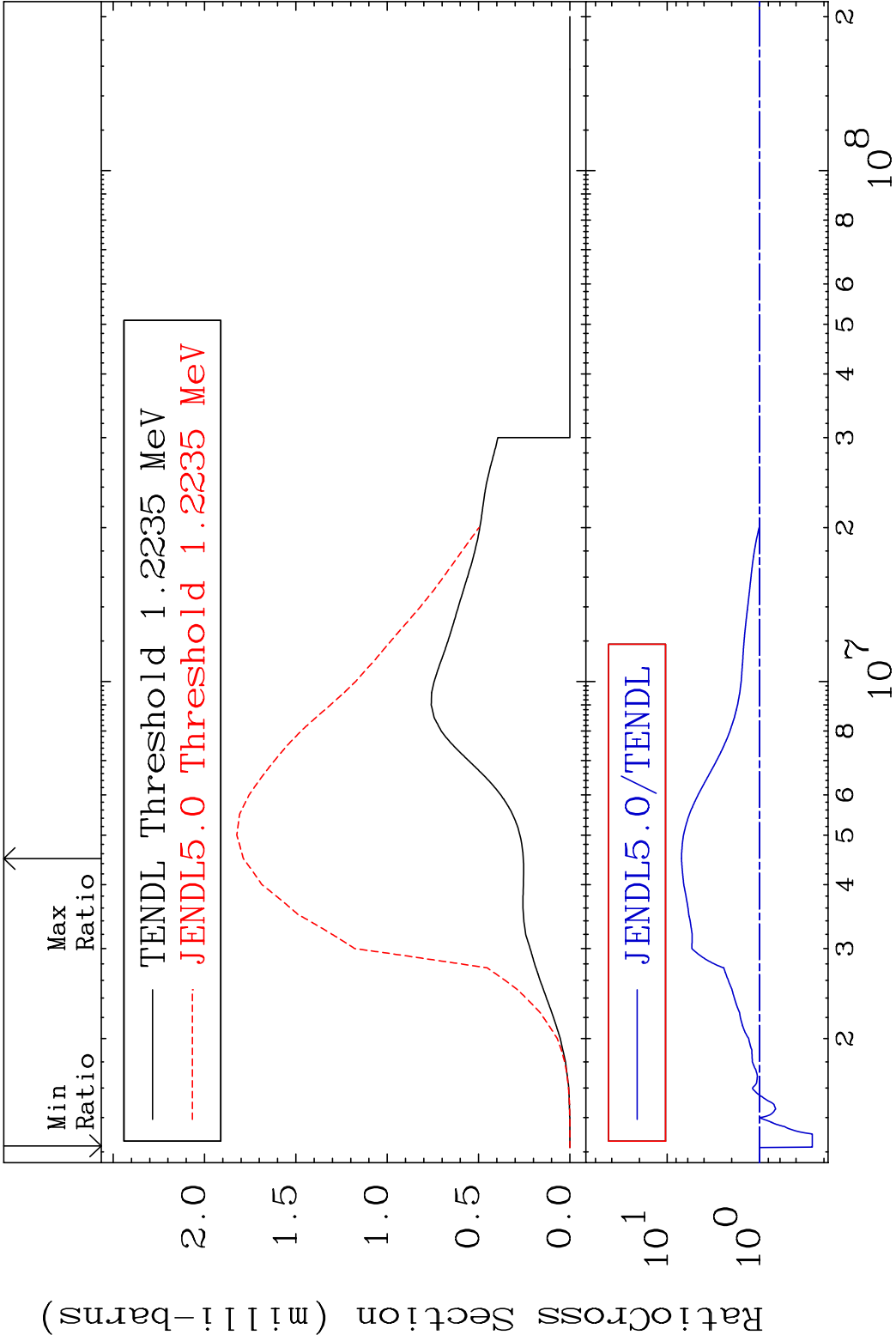
Incident Energy (eV)

66-Dy-156









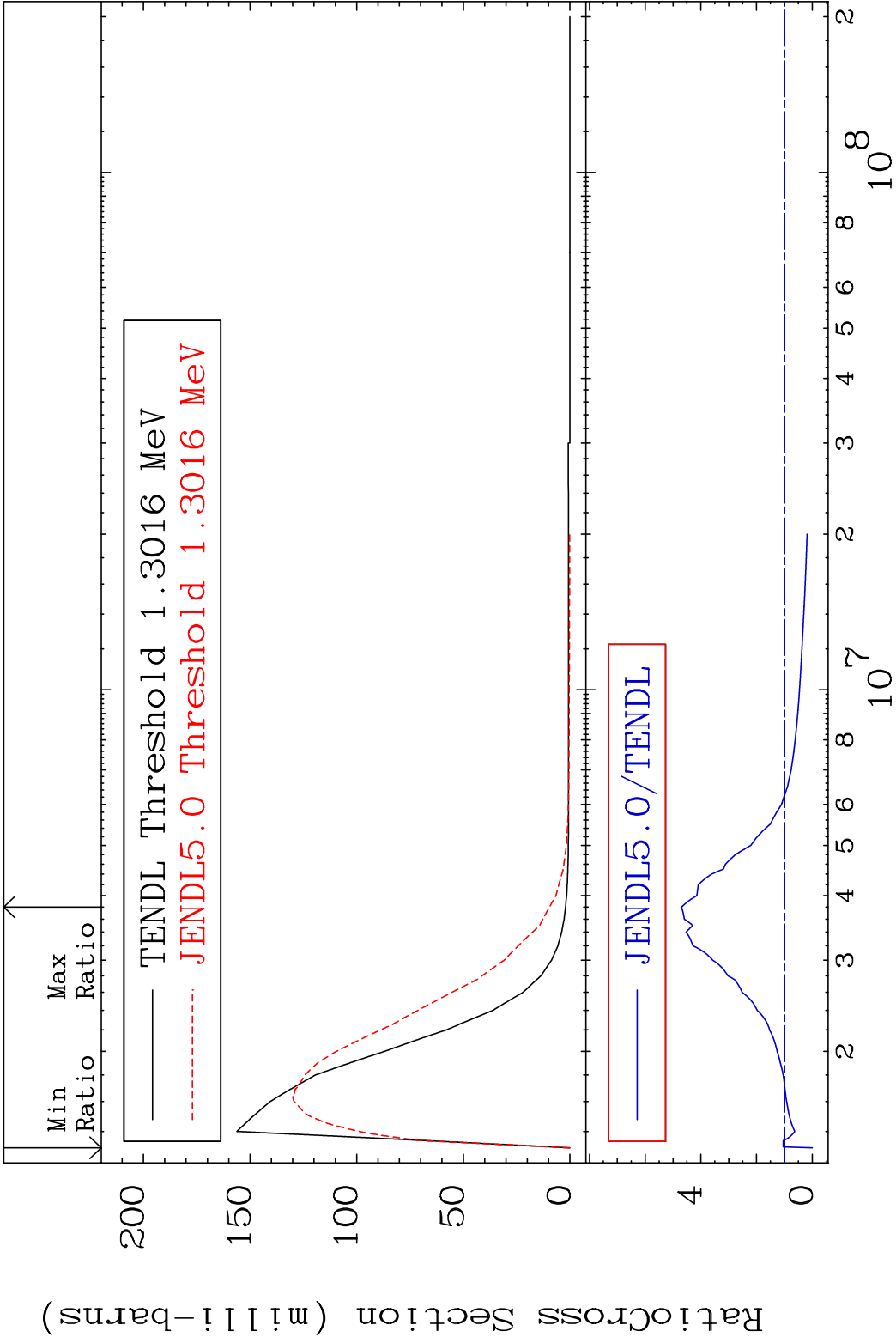
MAT 6625

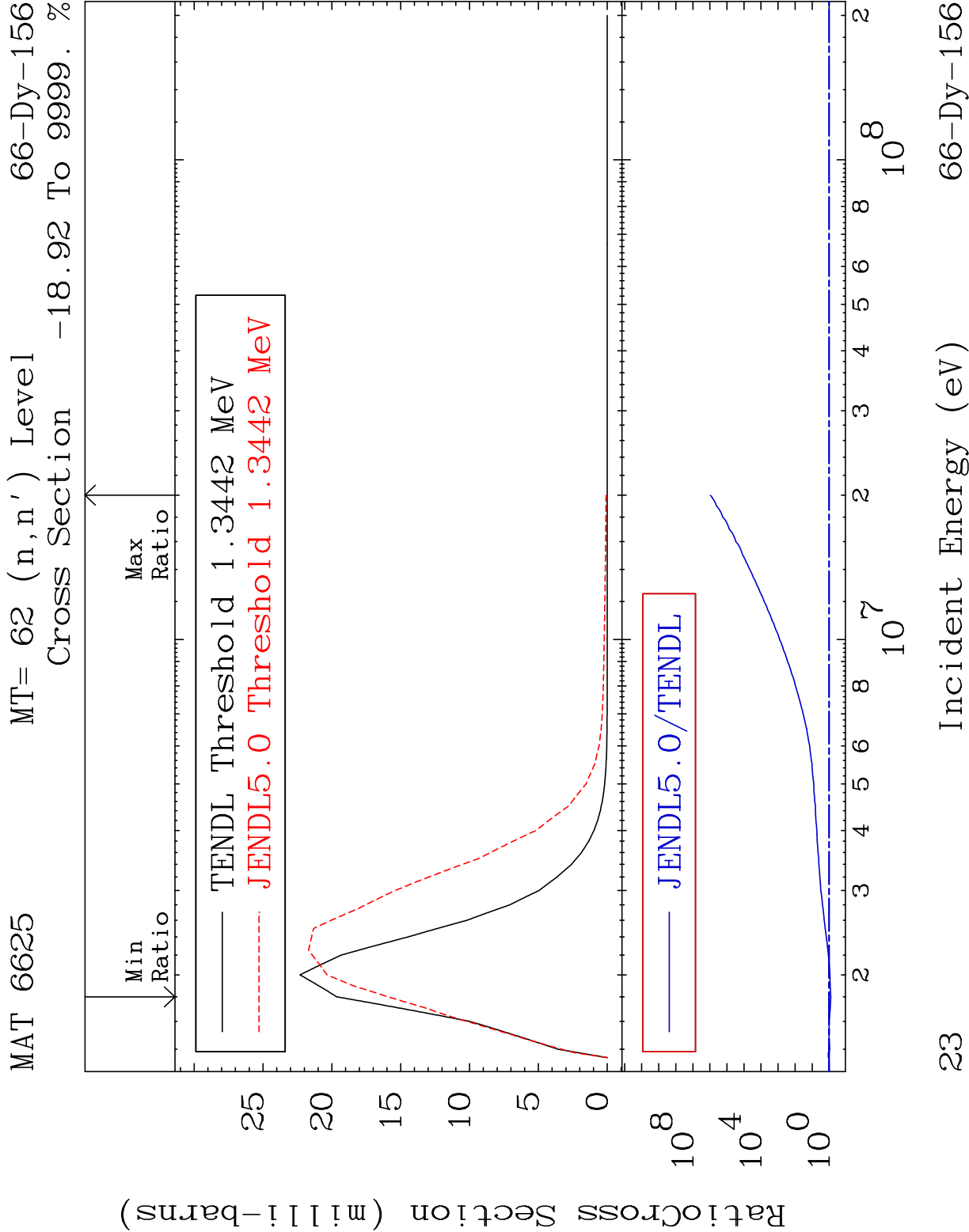
MT= 61 (n,n') Level

66-Dy-156

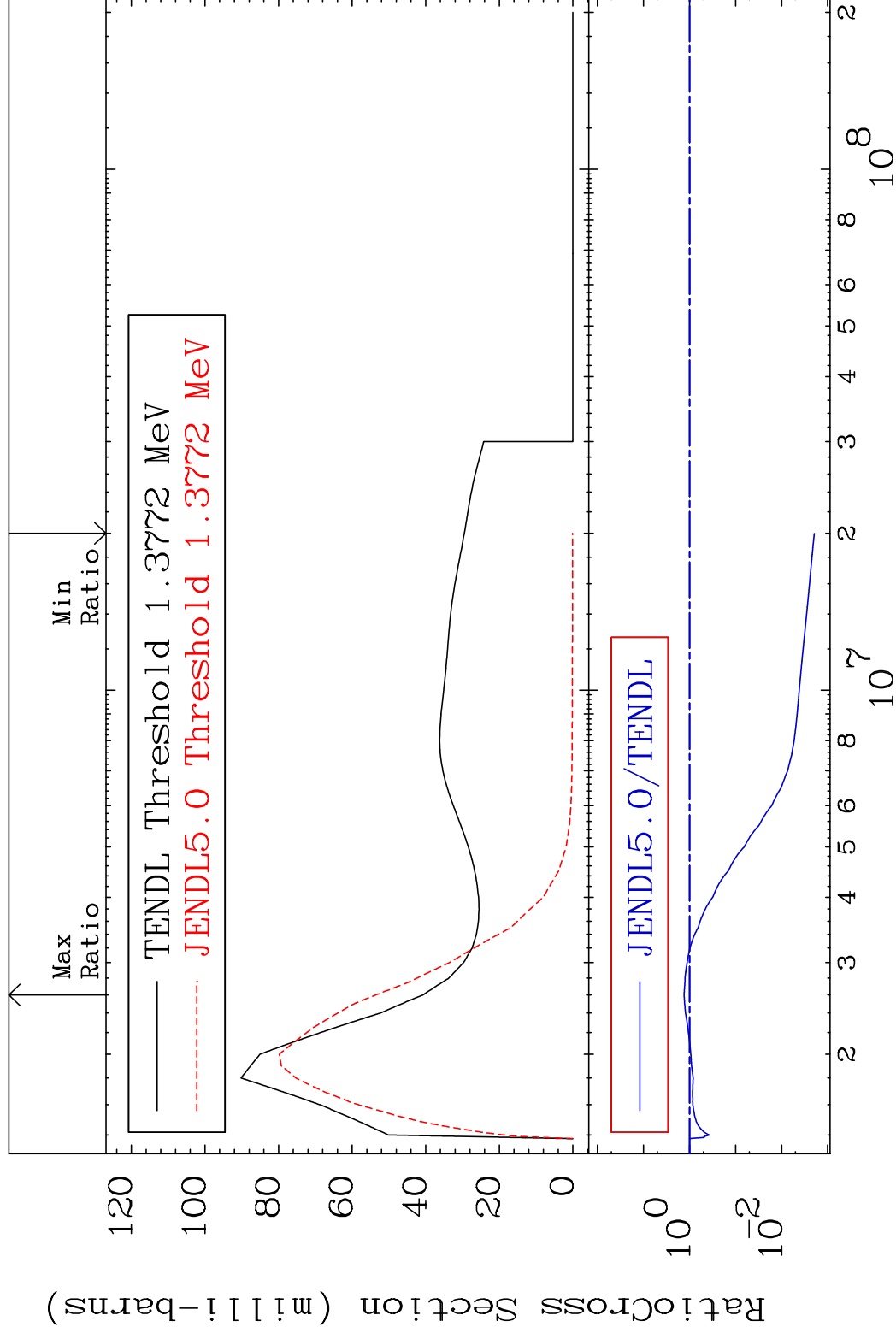
Cross Section

-100.0 To 369.3 %

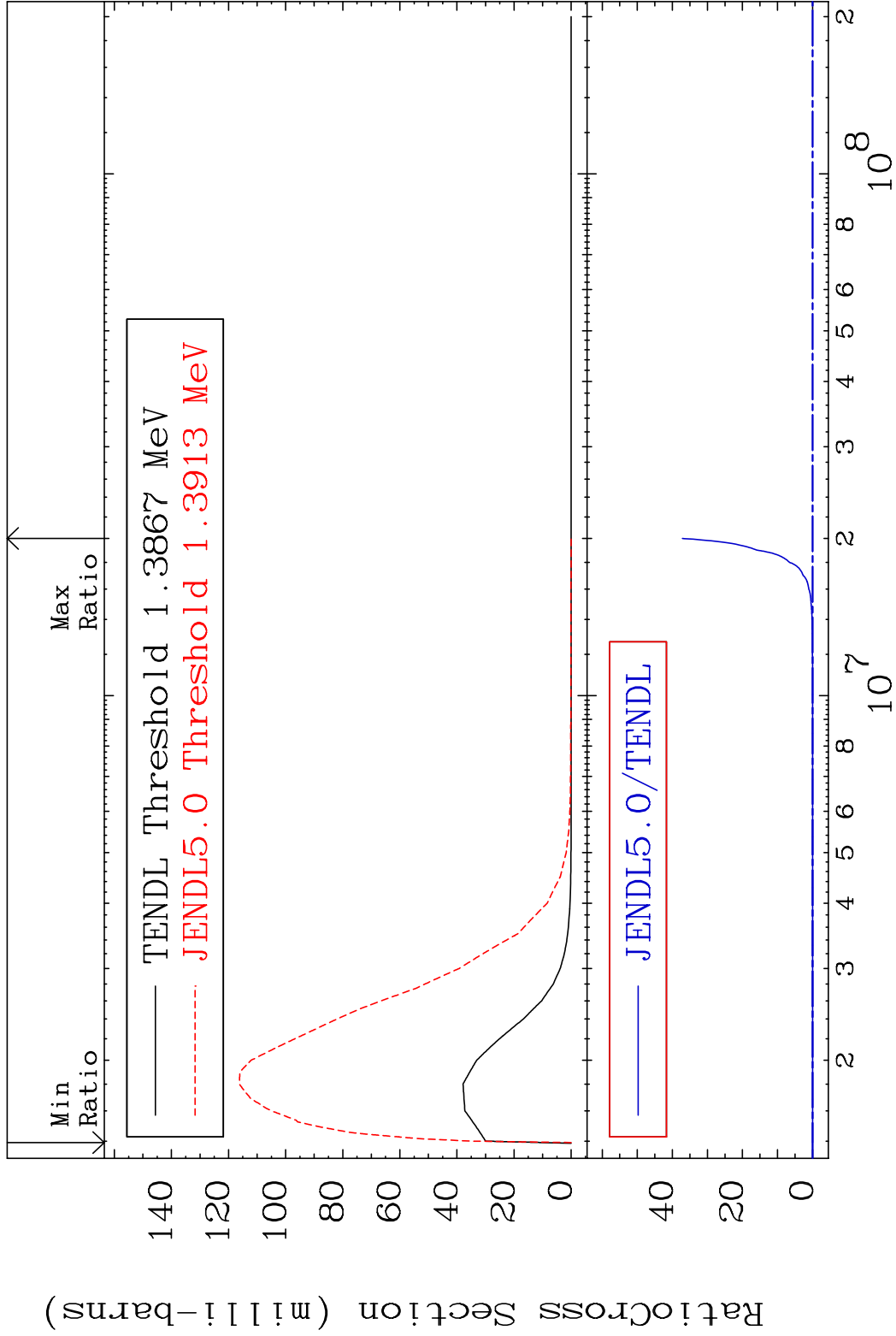


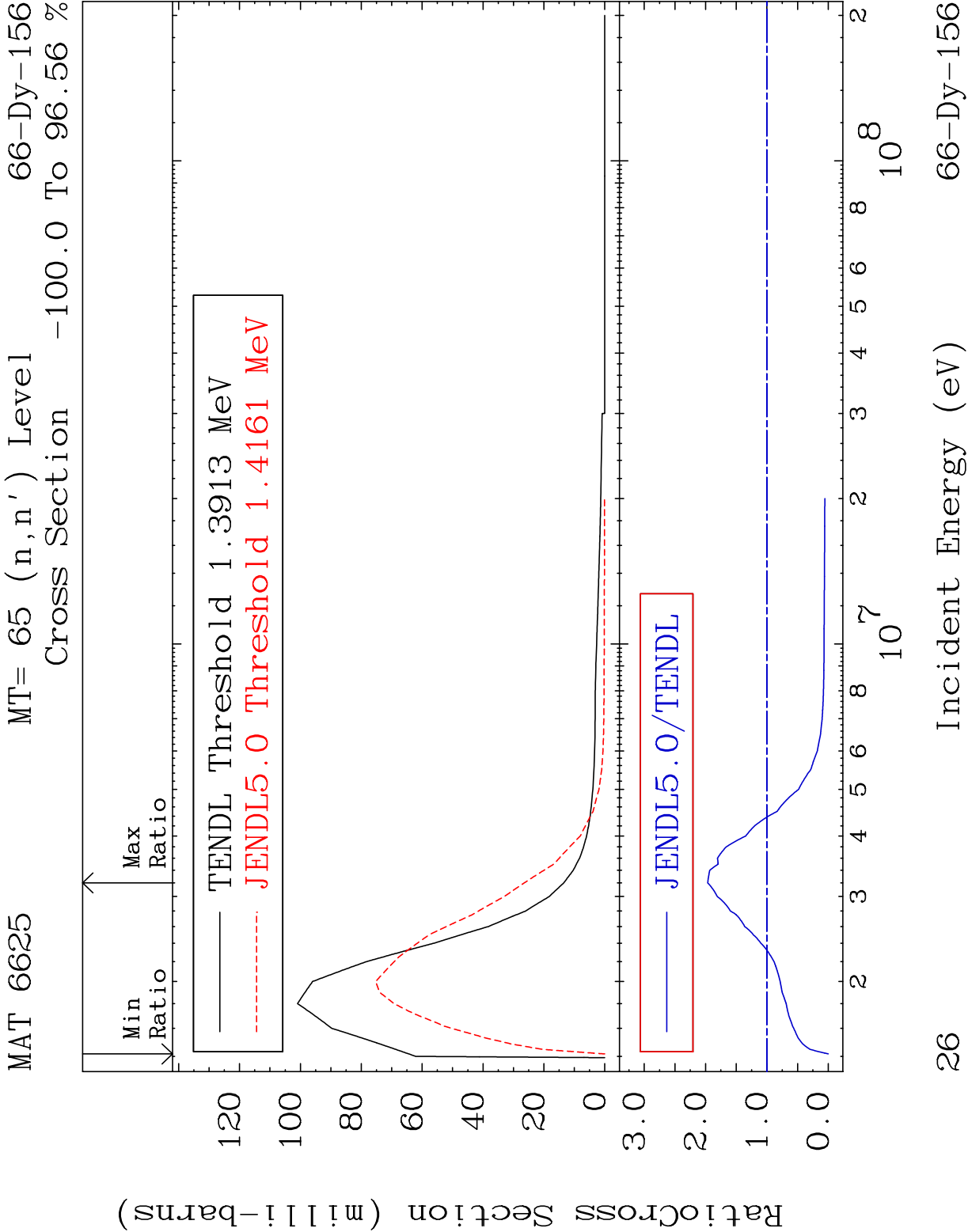


MAT 6625	MT= 63 (n, n') Level	66-Dy-156
	Cross Section	-99.80 To 31.40 %

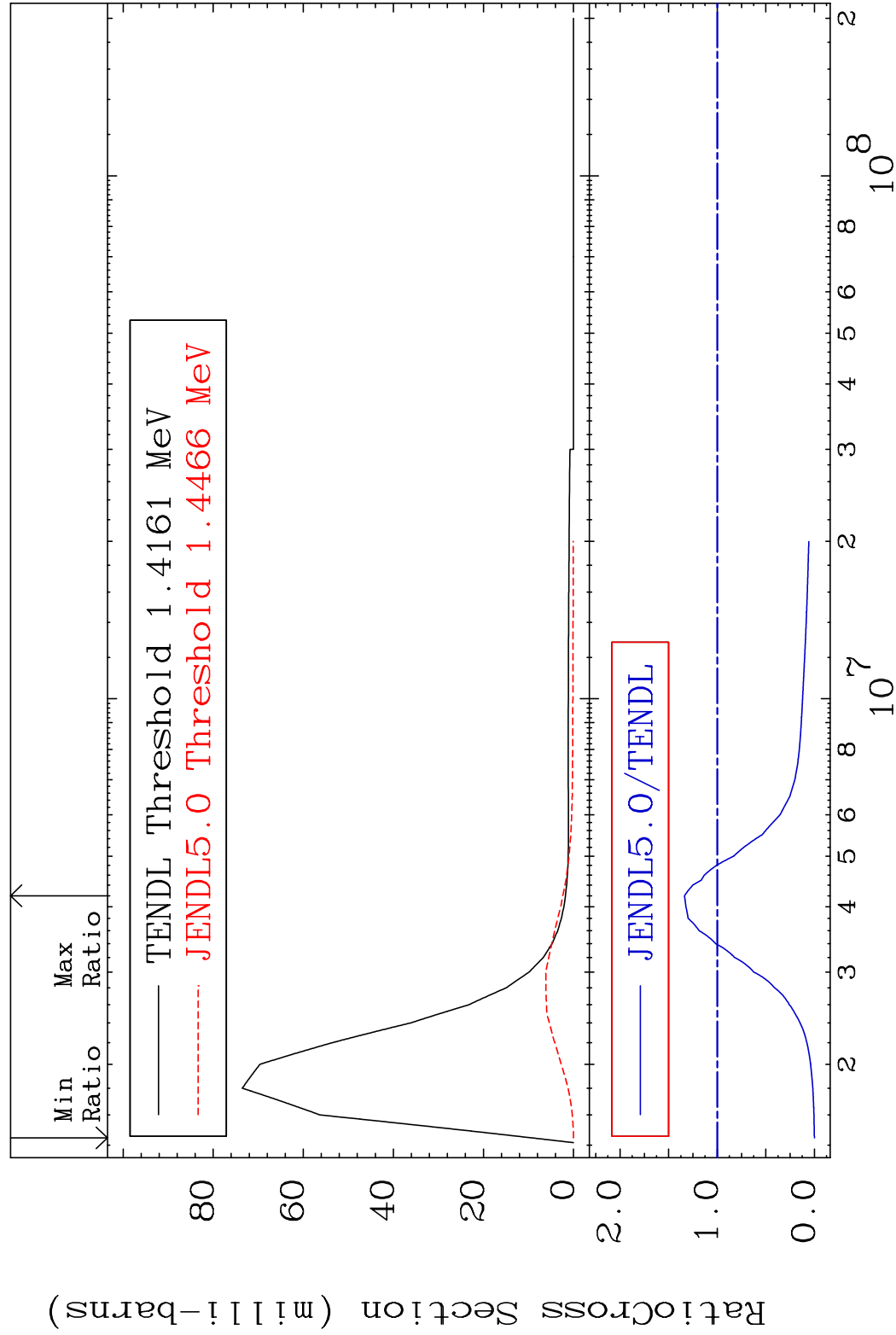


24	Incident Energy (eV)	66-Dy-156
1	100	0.000000
2	200	0.000000
3	300	0.000000
4	400	0.000000
5	500	0.000000
6	600	0.000000
7	700	0.000000
8	800	0.000000
9	900	0.000000
10	1000	0.000000
11	1100	0.000000
12	1200	0.000000
13	1300	0.000000
14	1400	0.000000
15	1500	0.000000
16	1600	0.000000
17	1700	0.000000
18	1800	0.000000
19	1900	0.000000
20	2000	0.000000
21	2100	0.000000
22	2200	0.000000
23	2300	0.000000
24	2400	0.000000
25	2500	0.000000
26	2600	0.000000
27	2700	0.000000
28	2800	0.000000
29	2900	0.000000
30	3000	0.000000
31	3100	0.000000
32	3200	0.000000
33	3300	0.000000
34	3400	0.000000
35	3500	0.000000
36	3600	0.000000
37	3700	0.000000
38	3800	0.000000
39	3900	0.000000
40	4000	0.000000
41	4100	0.000000
42	4200	0.000000
43	4300	0.000000
44	4400	0.000000
45	4500	0.000000
46	4600	0.000000
47	4700	0.000000
48	4800	0.000000
49	4900	0.000000
50	5000	0.000000
51	5100	0.000000
52	5200	0.000000
53	5300	0.000000
54	5400	0.000000
55	5500	0.000000
56	5600	0.000000
57	5700	0.000000
58	5800	0.000000
59	5900	0.000000
60	6000	0.000000
61	6100	0.000000
62	6200	0.000000
63	6300	0.000000
64	6400	0.000000
65	6500	0.000000
66	6600	0.000000
67	6700	0.000000
68	6800	0.000000
69	6900	0.000000
70	7000	0.000000
71	7100	0.000000
72	7200	0.000000
73	7300	0.000000
74	7400	0.000000
75	7500	0.000000
76	7600	0.000000
77	7700	0.000000
78	7800	0.000000
79	7900	0.000000
80	8000	0.000000
81	8100	0.000000
82	8200	0.000000
83	8300	0.000000
84	8400	0.000000
85	8500	0.000000
86	8600	0.000000
87	8700	0.000000
88	8800	0.000000
89	8900	0.000000
90	9000	0.000000
91	9100	0.000000
92	9200	0.000000
93	9300	0.000000
94	9400	0.000000
95	9500	0.000000
96	9600	0.000000
97	9700	0.000000
98	9800	0.000000
99	9900	0.000000
100	10000	0.000000

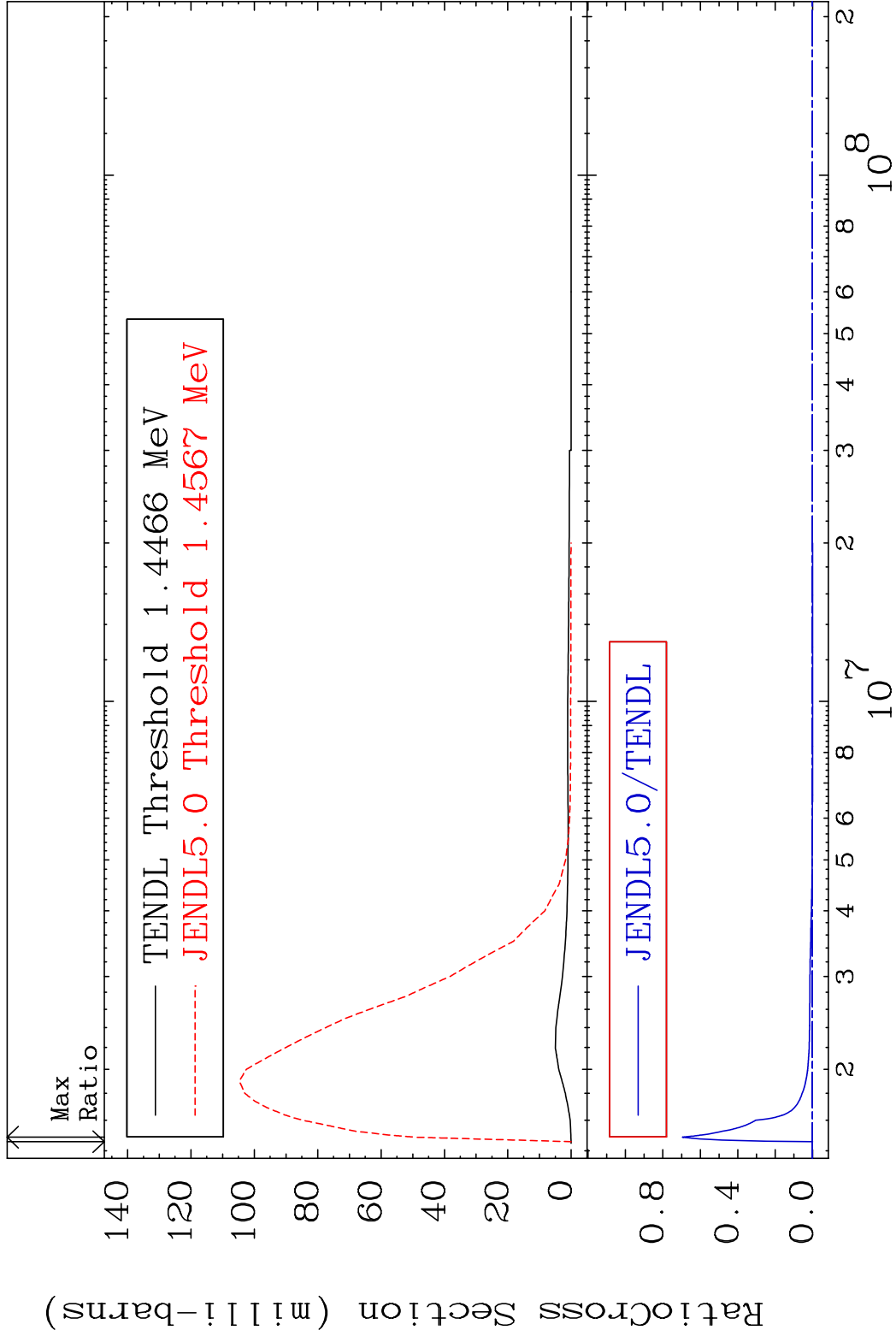


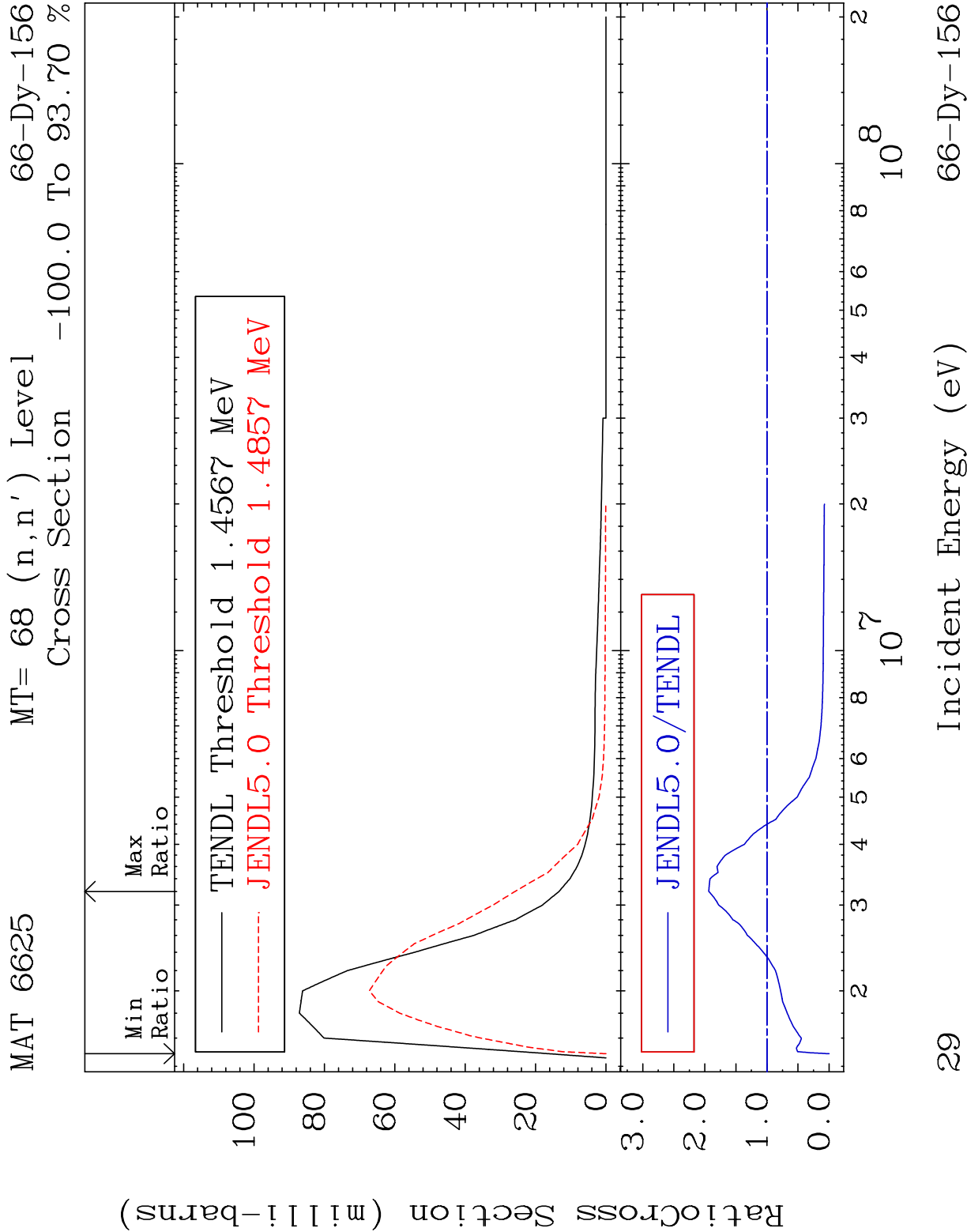


MAT 6625	MT= 66 (n,n')	Level	66-Dy-156
	Cross Section	-100.0 To 33.72 %	

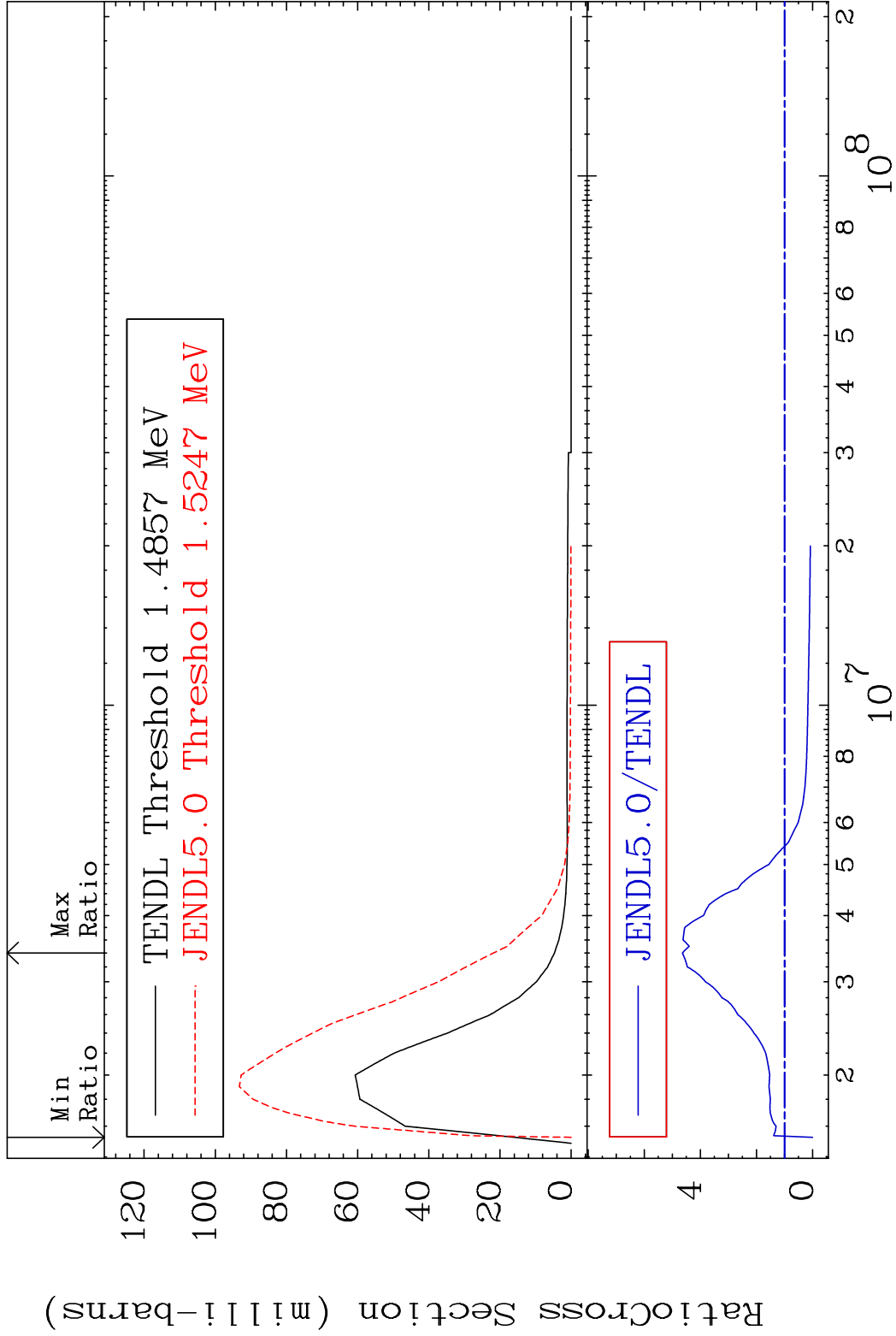


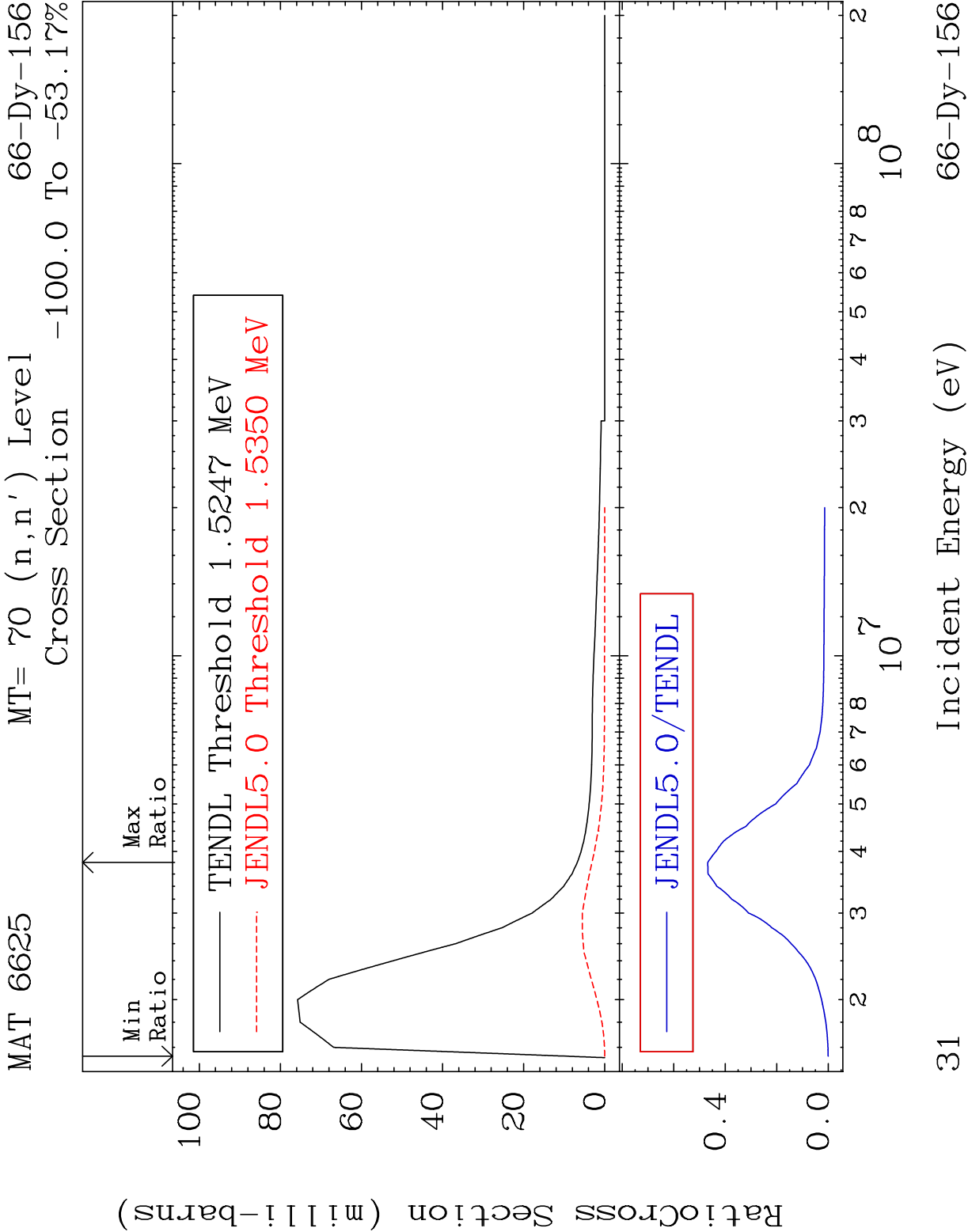
MAT 6625 MT= 67 (n,n') Level 66-Dy-156
Cross Section -100.0 To 9999. %



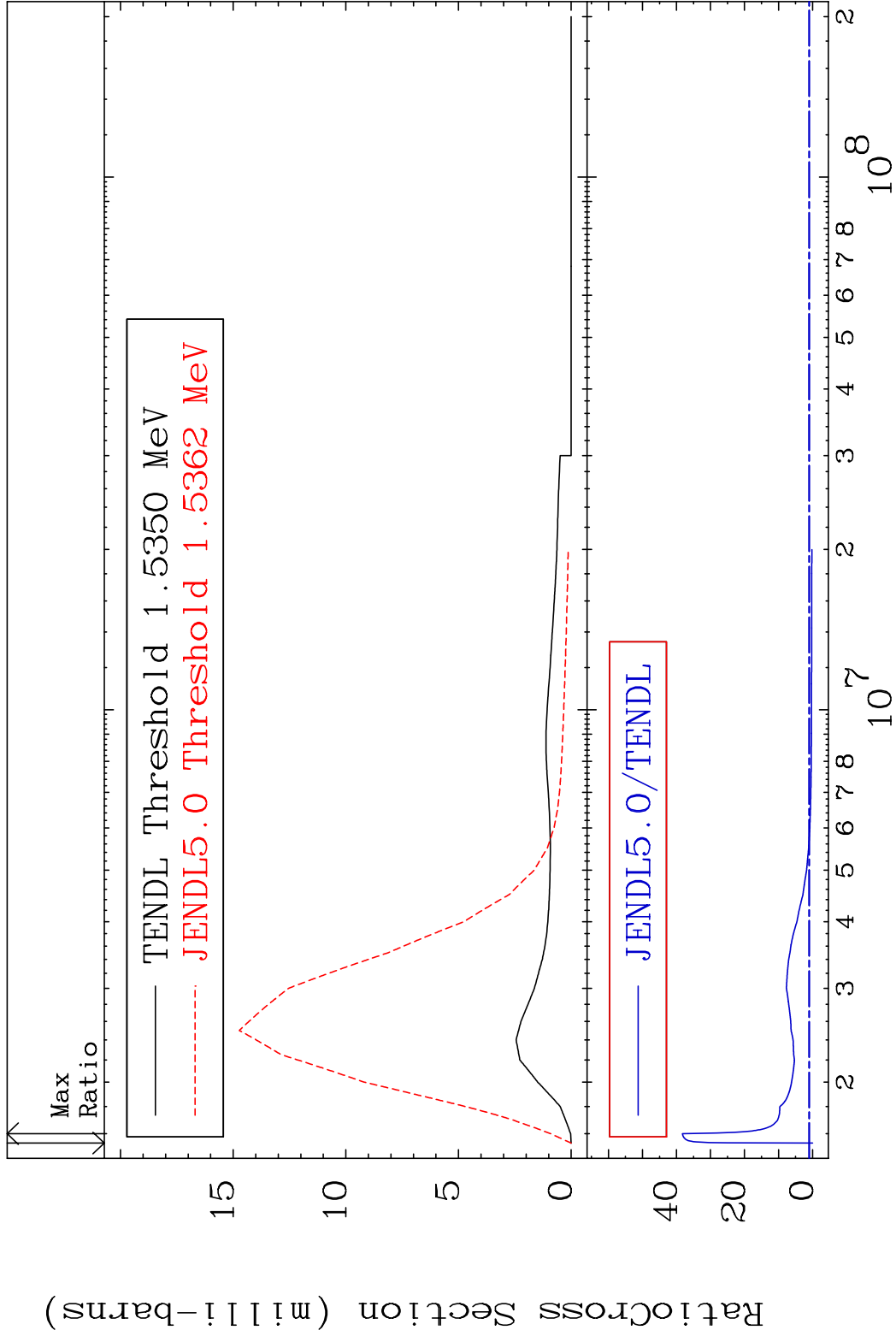


MAT 6625 MT= 69 (n,n') Level 66-Dy-156
Cross Section -100.0 To 364.3 %





MAT 6625 MT= 71 (n,n') Level 66-Dy-156
Cross Section -100.0 To 3727. %



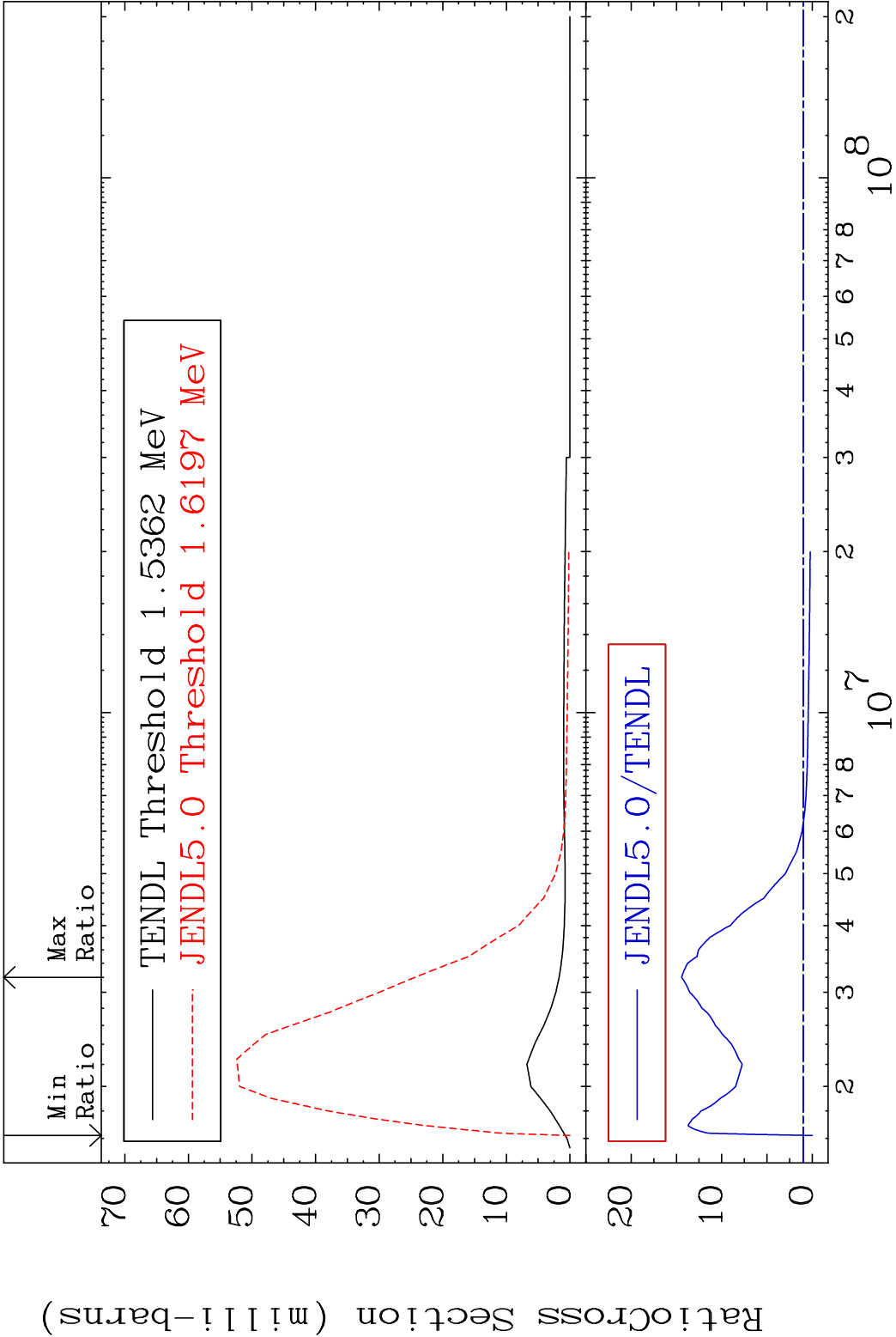
MAT 6625

MT= 72 (n,n') Level

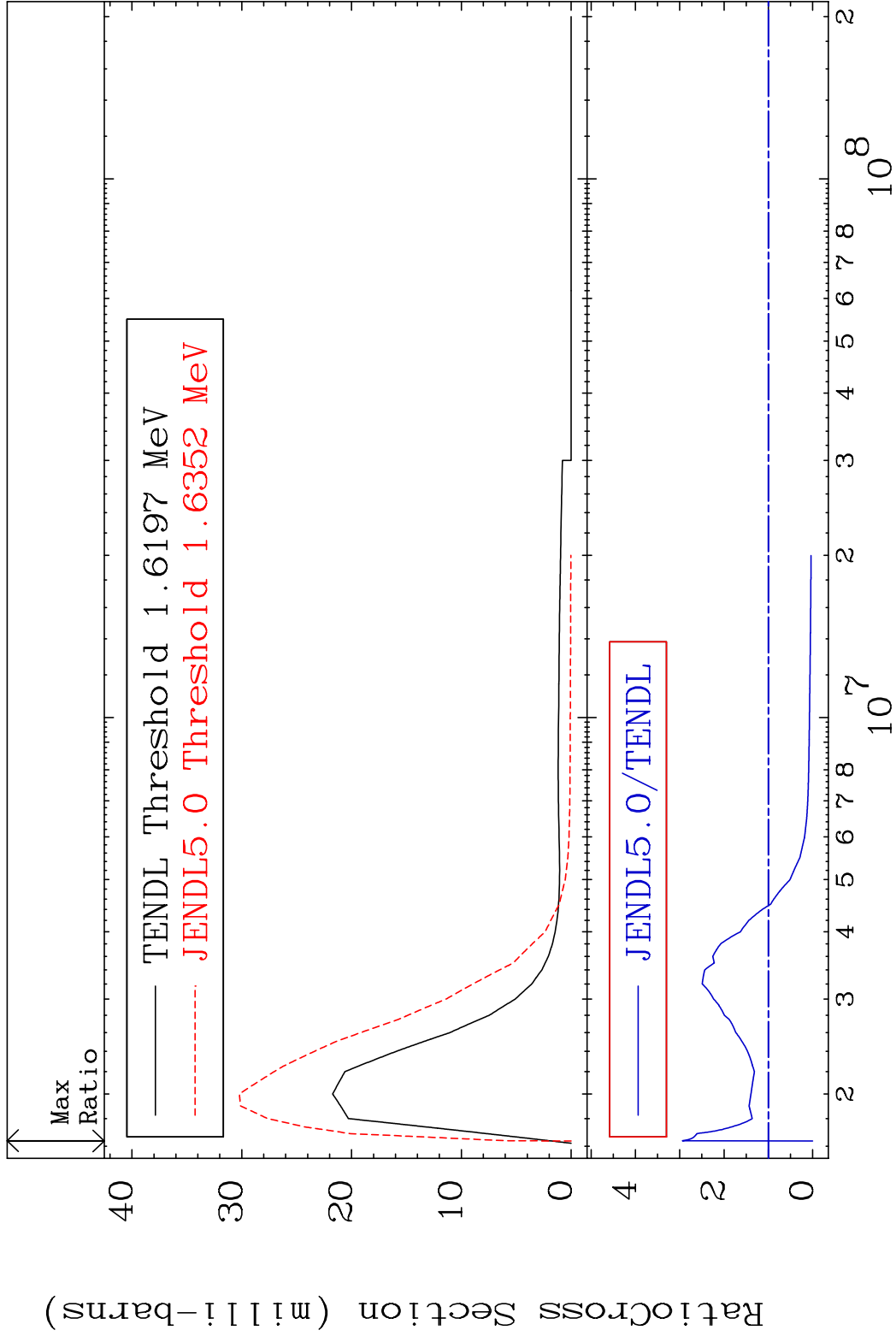
66-Dy-156

Cross Section

-100.0 To 1344. %



MAT 6625 MT= 73 (n,n') Level 66-Dy-156
Cross Section -100.0 To 194.1 %



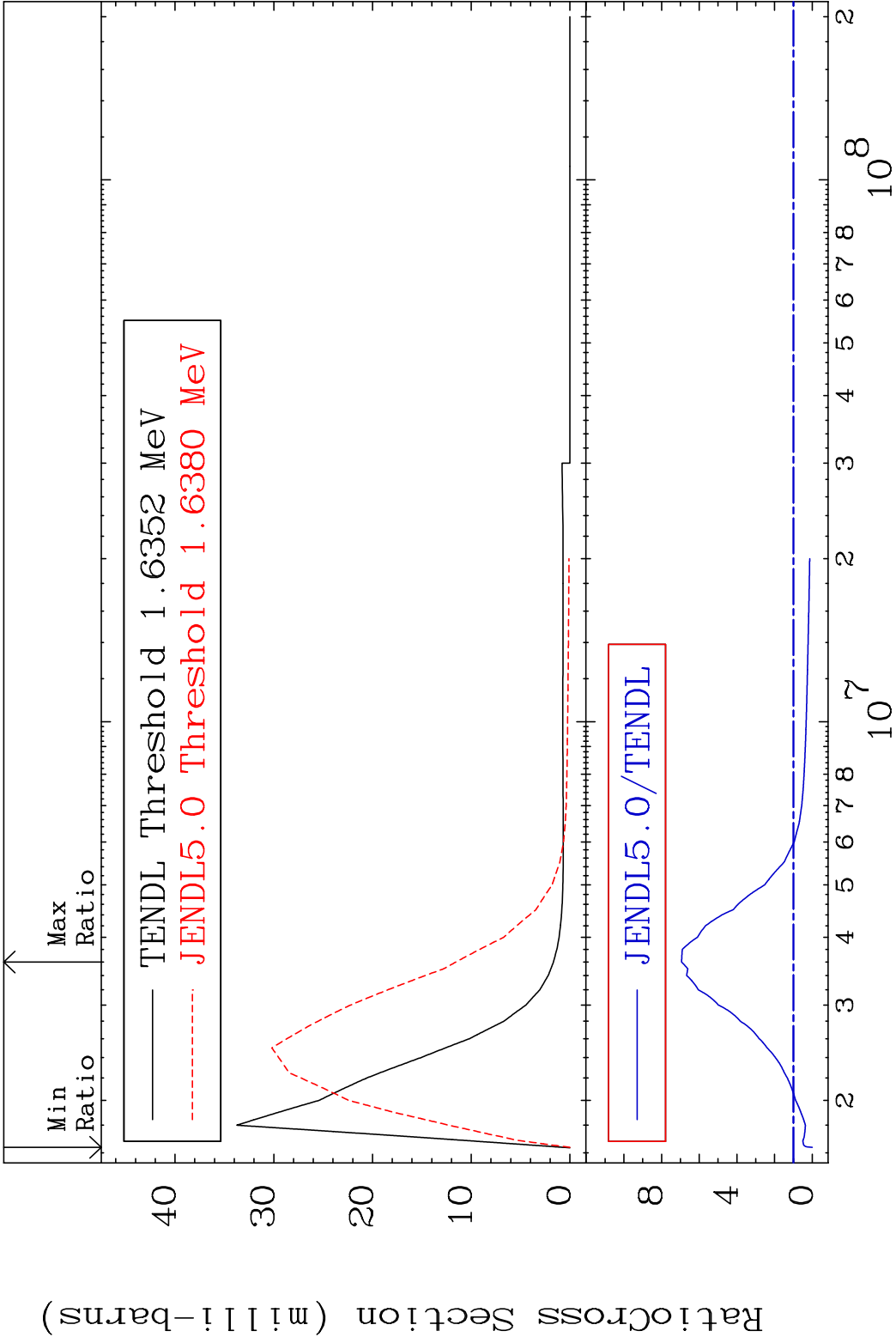
MAT 6625

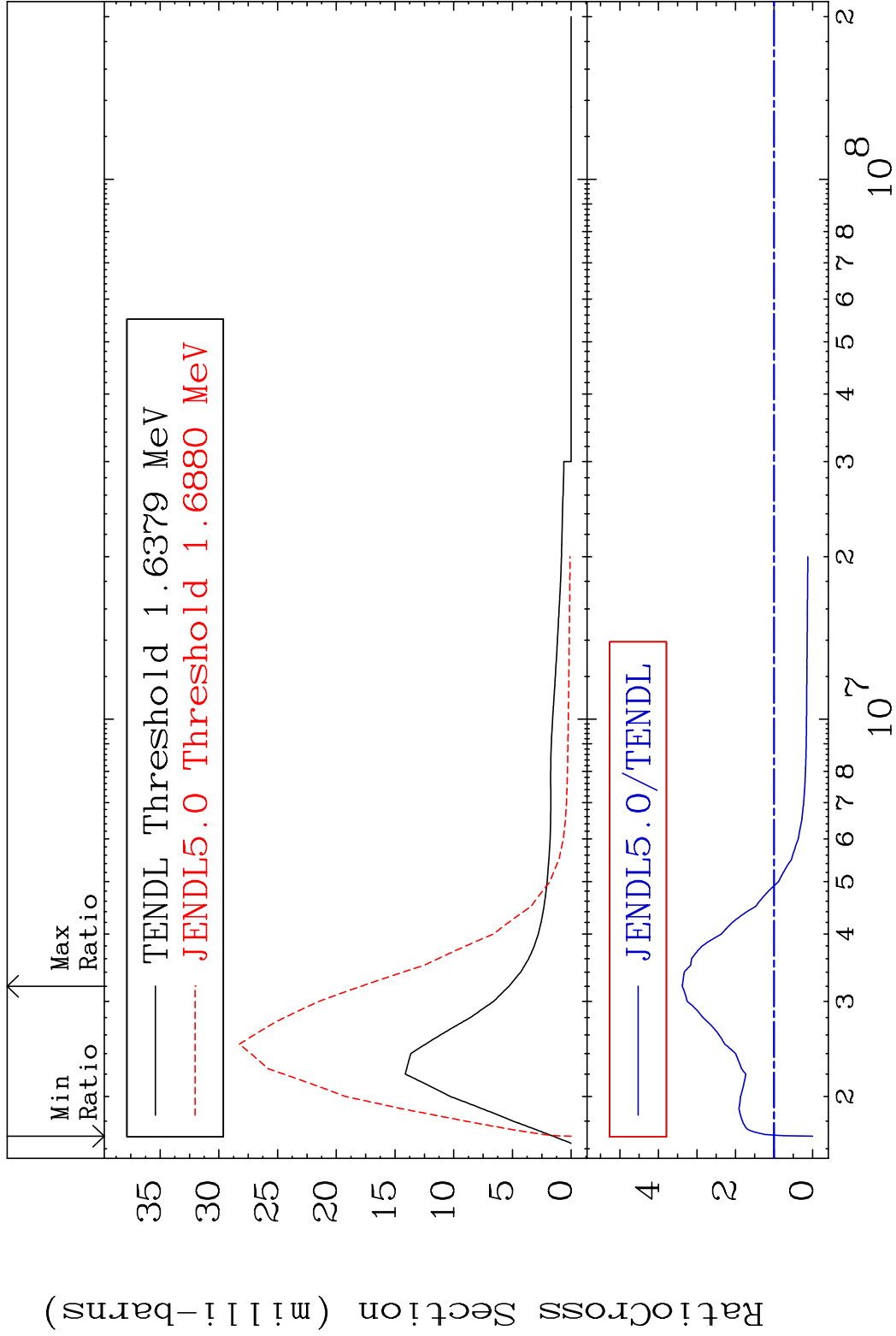
MT= 74 (n,n') Level

66-Dy-156

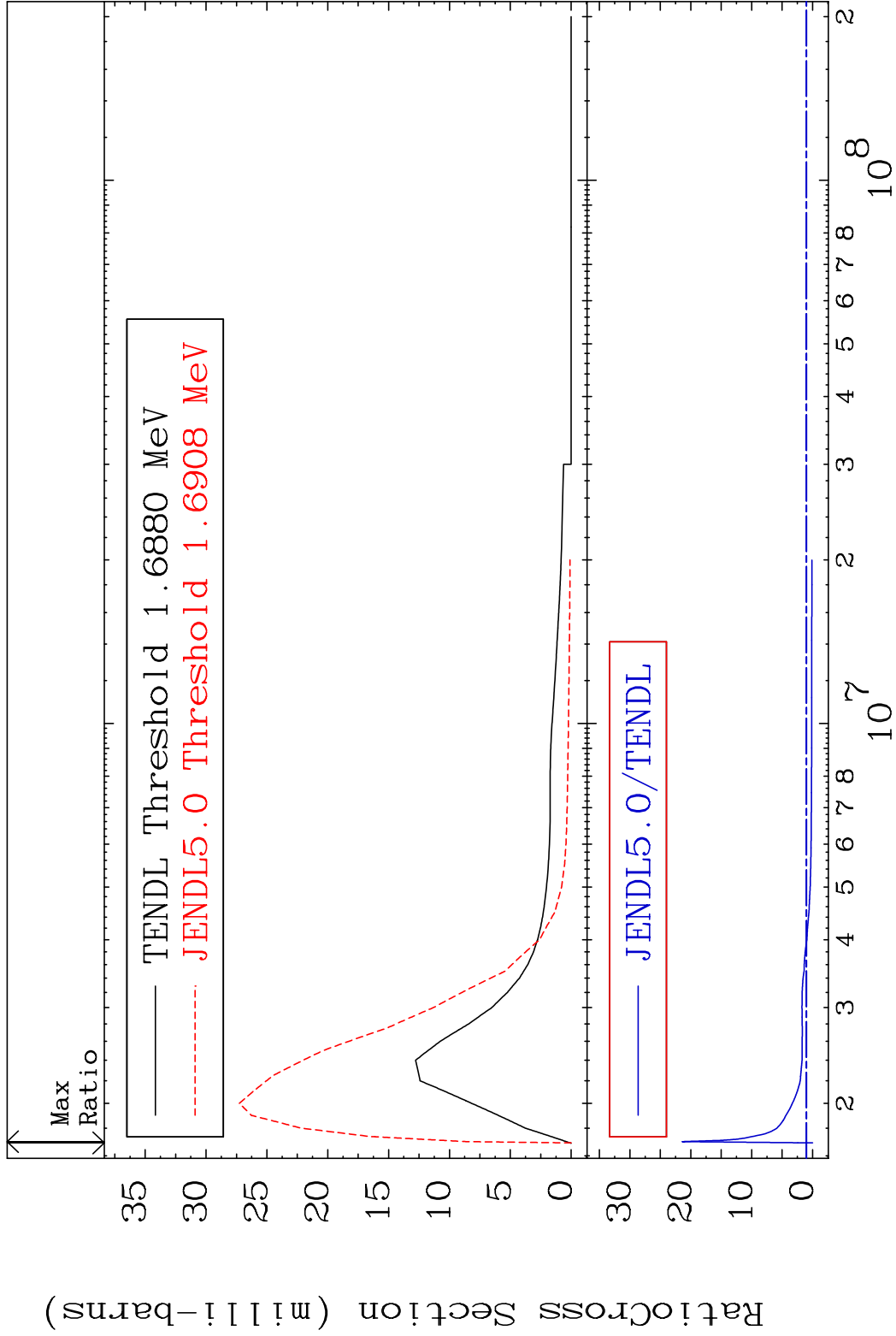
Cross Section

-100.0 To 593.9 %





MAT 6625 MT= 76 (n,n') Level 66-Dy-156
Cross Section -100.0 To 2038. %



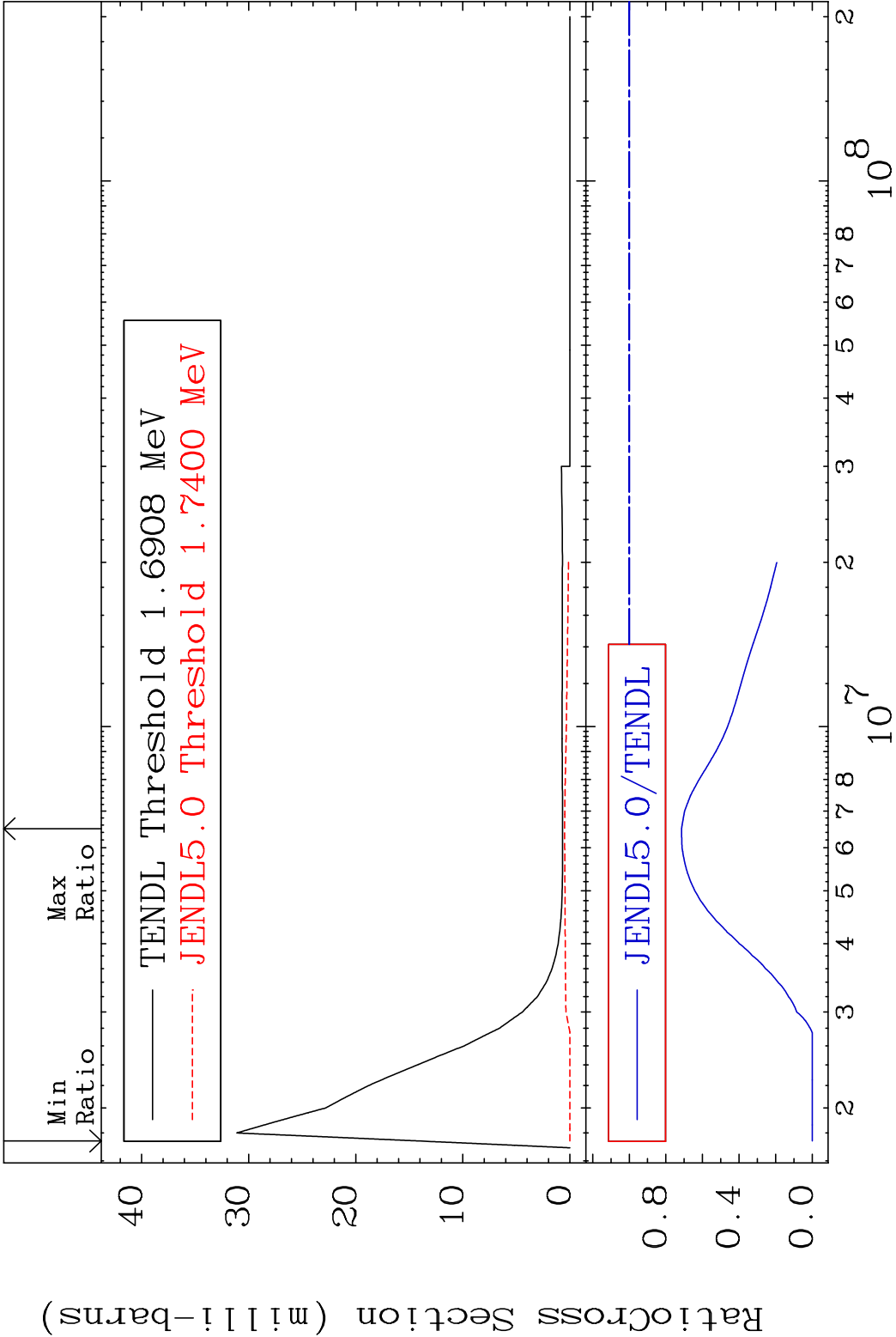
MAT 6625

MT= 77 (n,n') Level

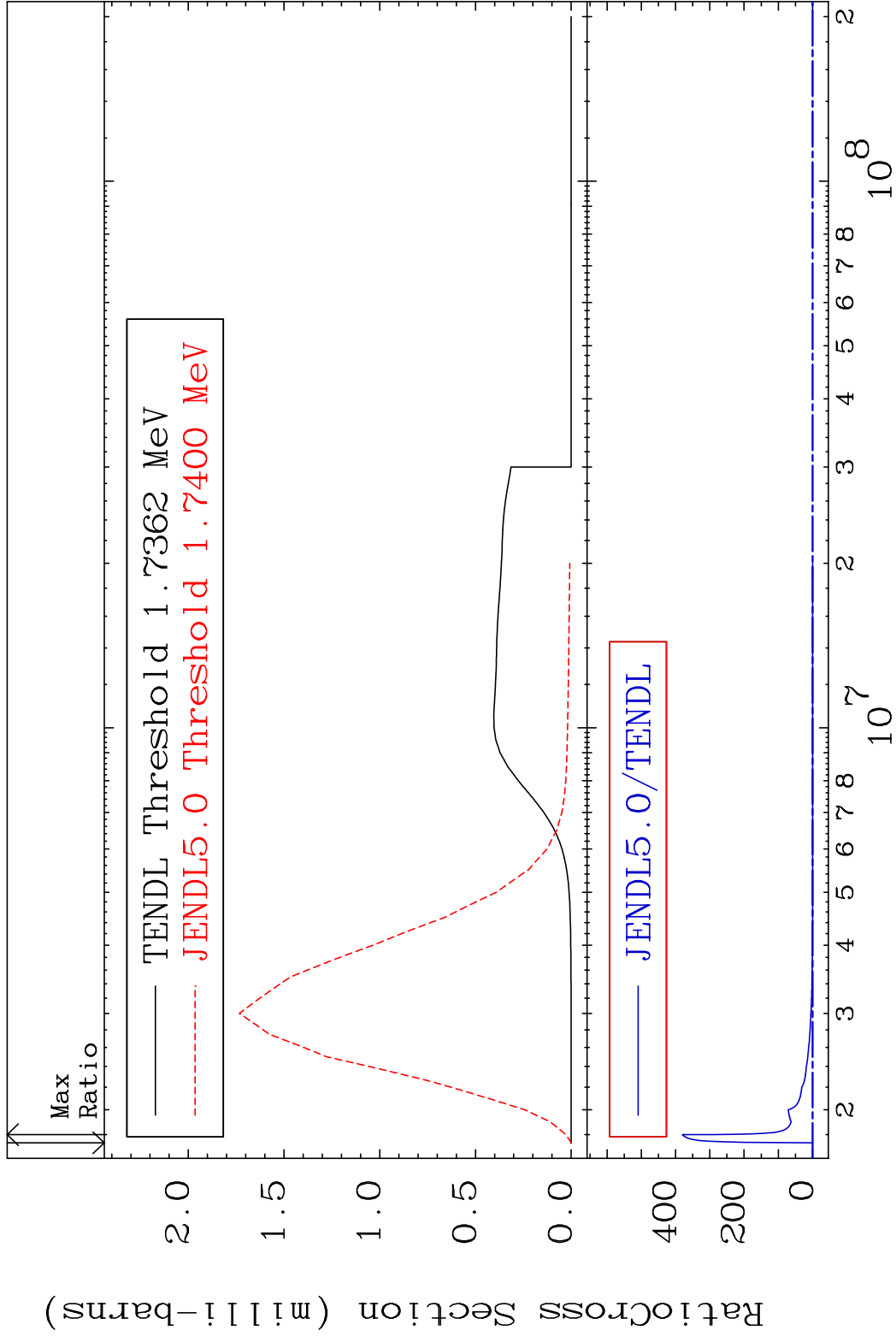
66-Dy-156

Cross Section

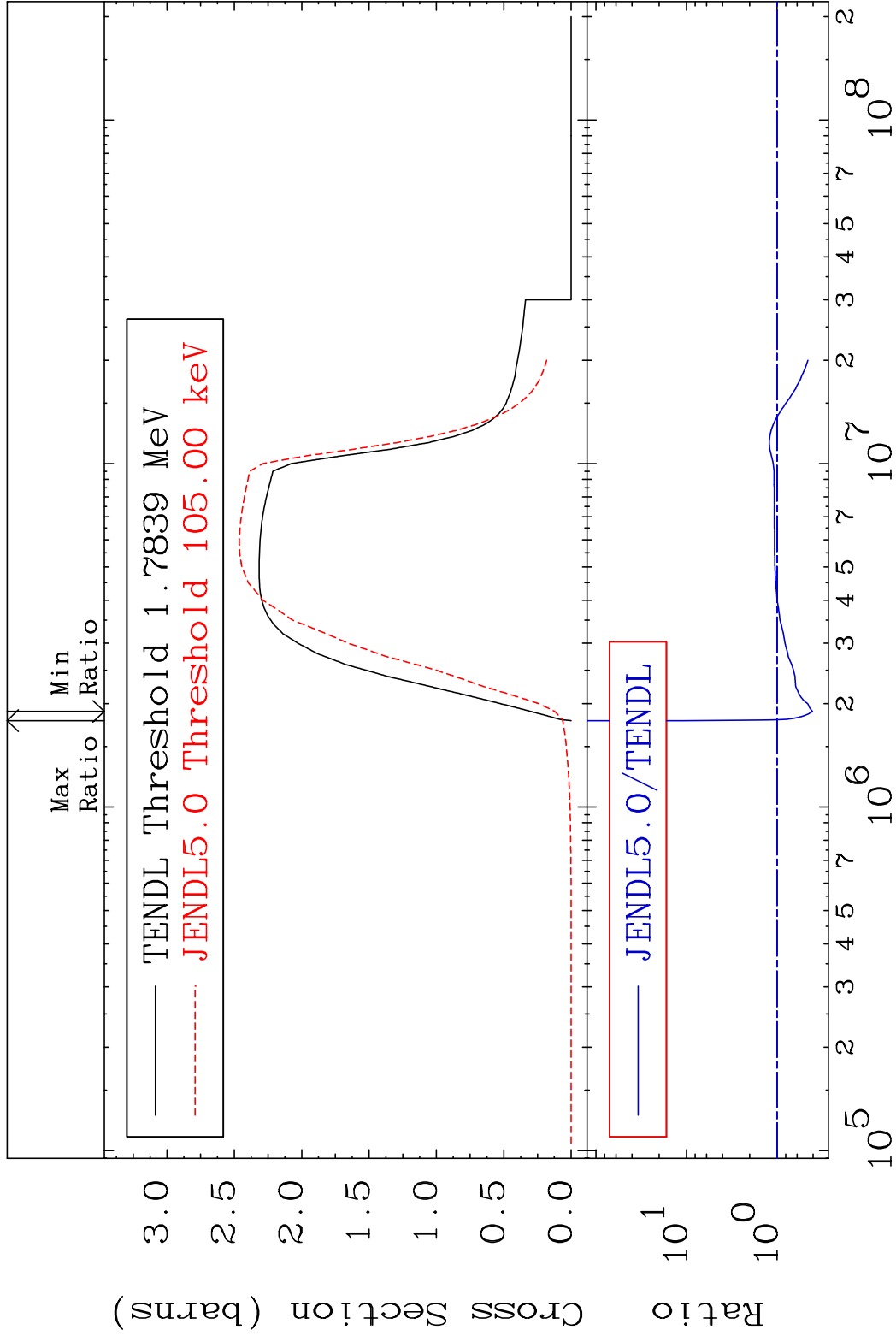
-100.0 To -28.57%



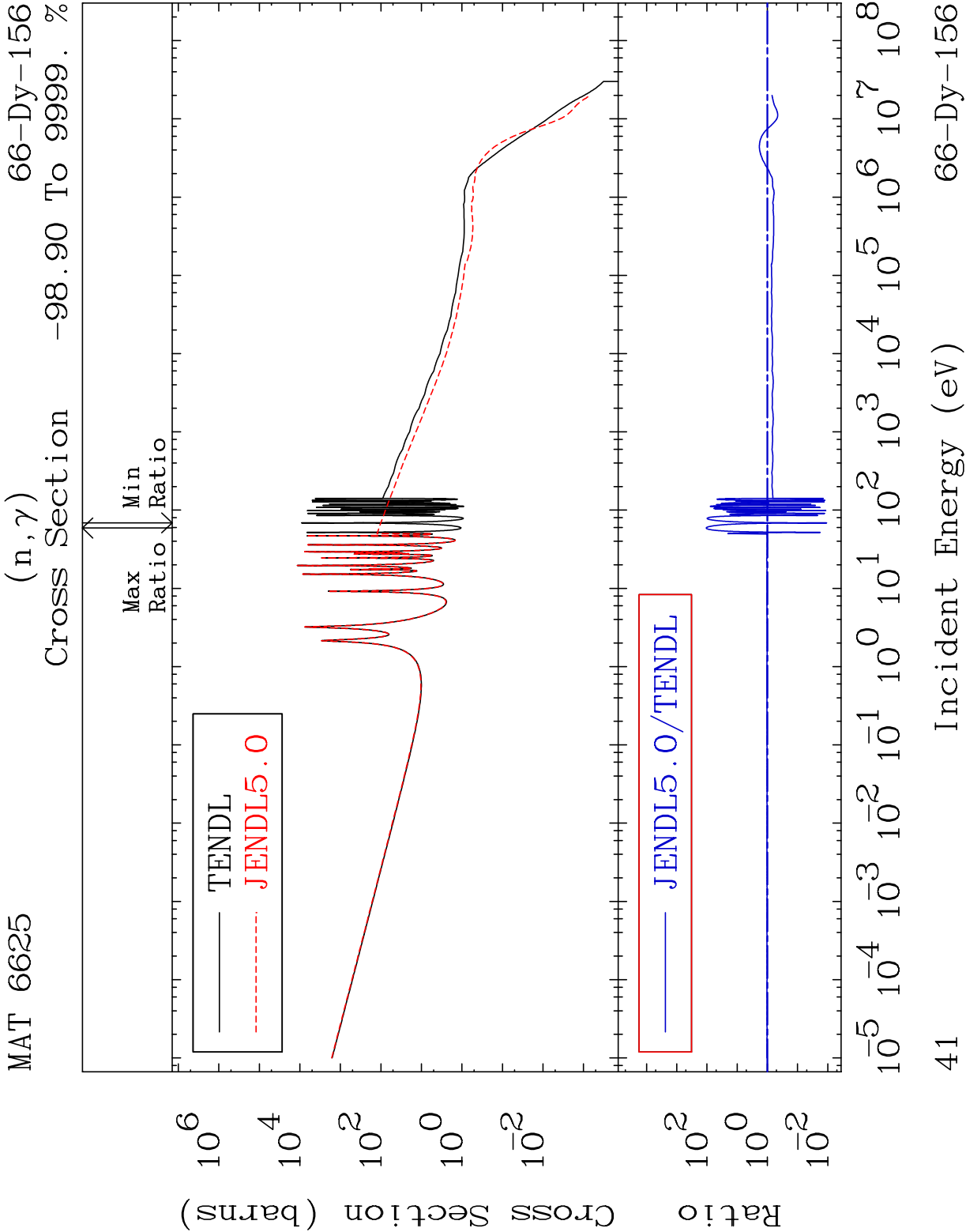
MAT 6625 MT= 78 (n,n') Level 66-Dy-156
Cross Section -100.0 To 9999. %

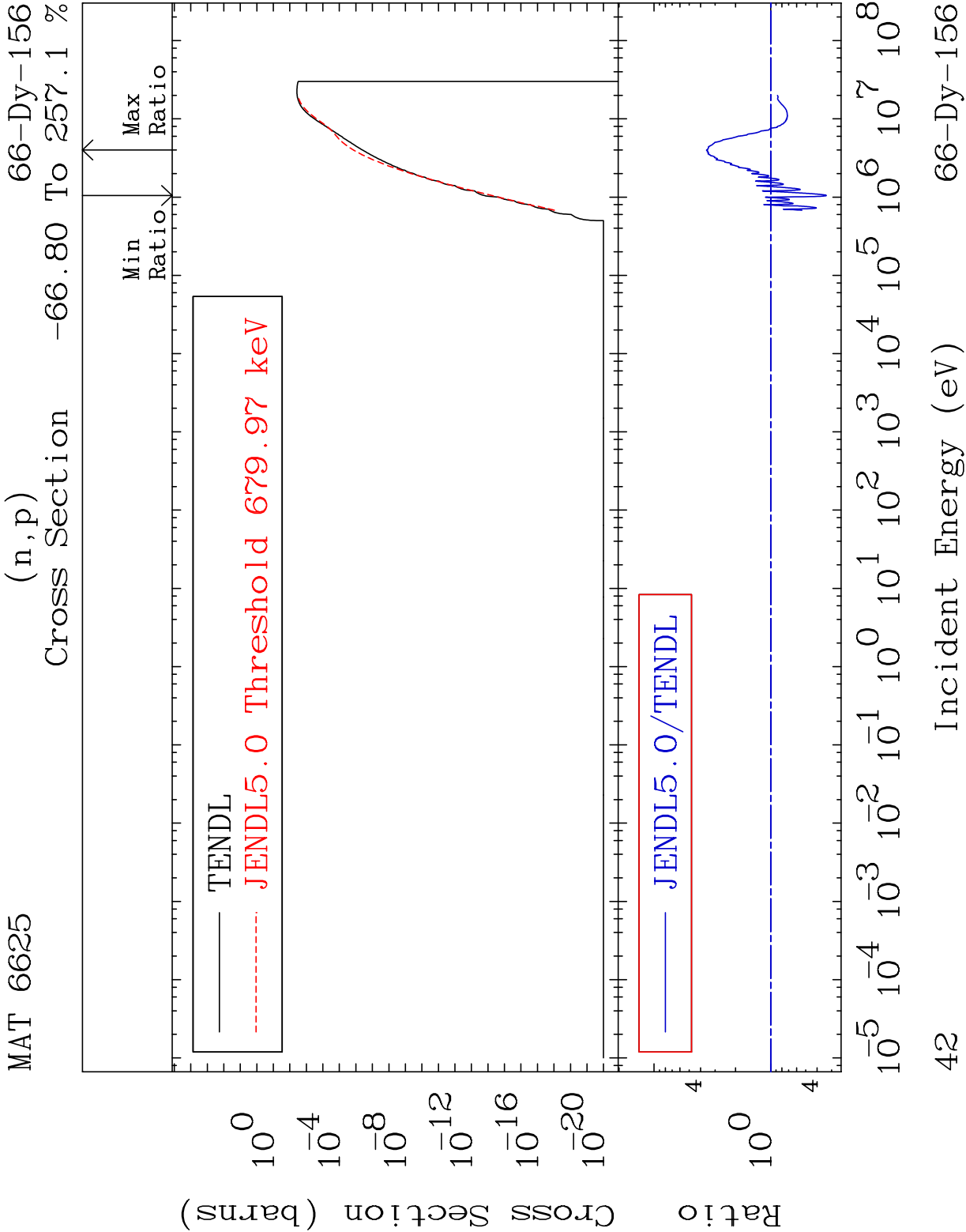


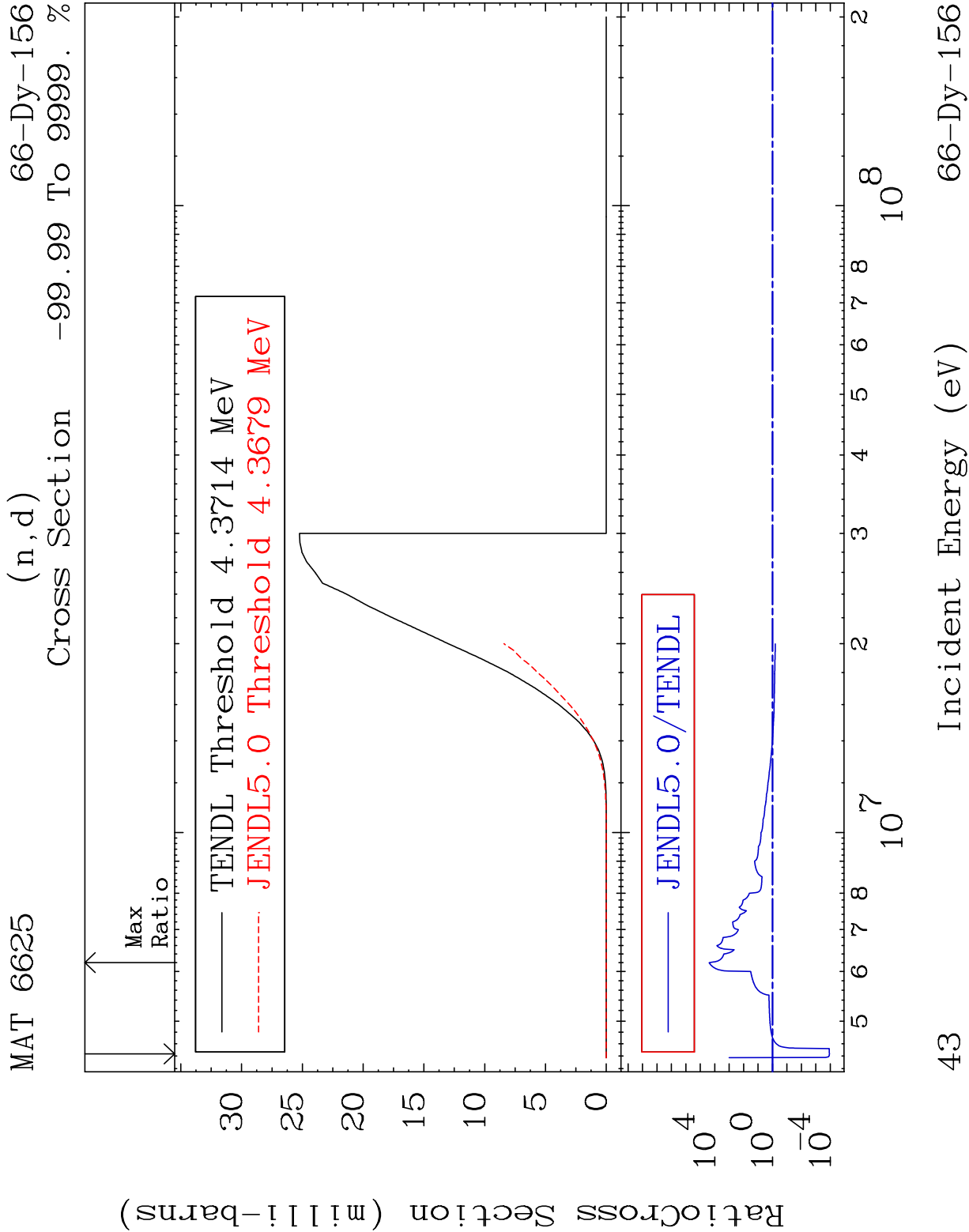
MAT 6625 (n,n') Continuum 66-Dy-156
Cross Section -59.50 To 1009. %

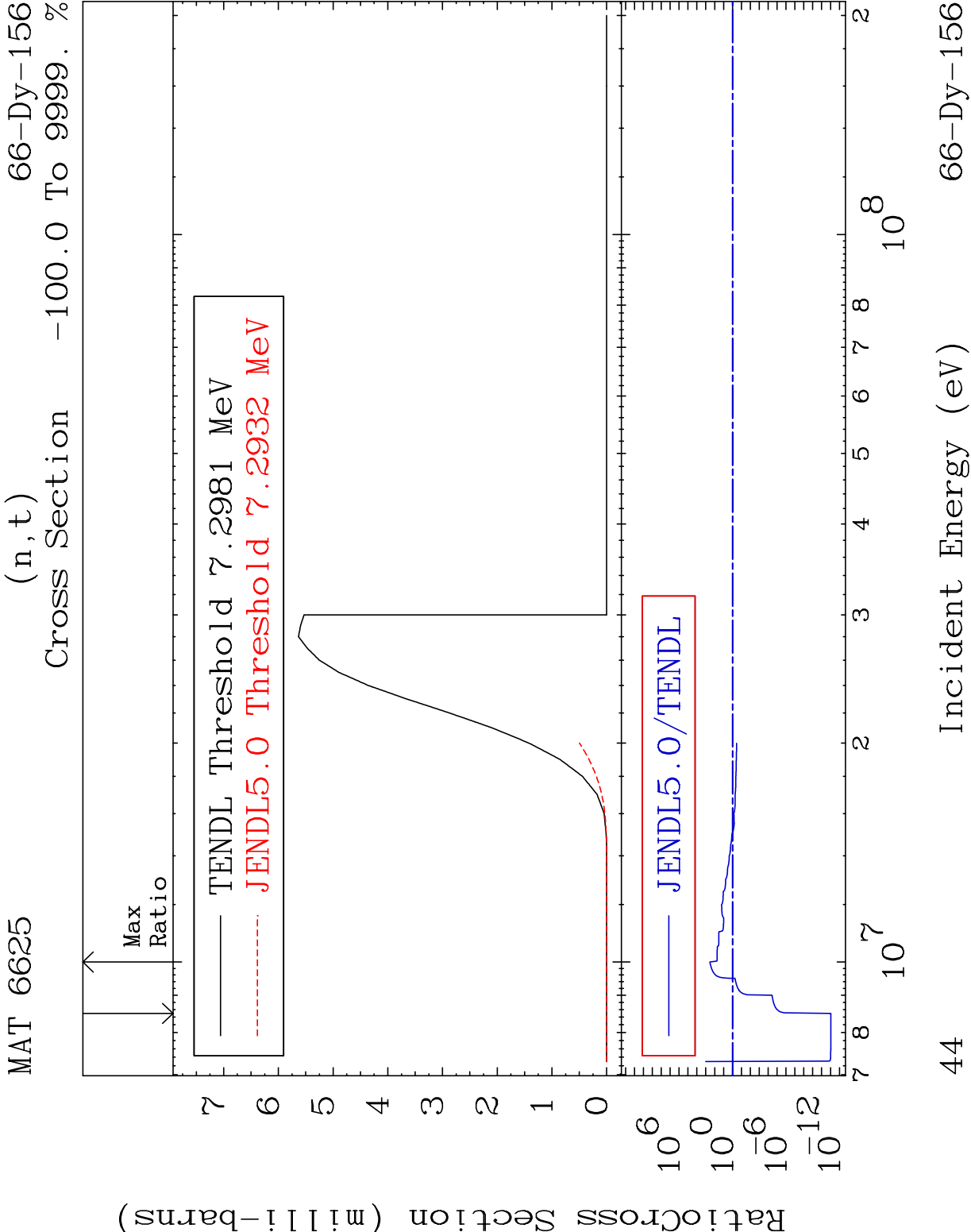


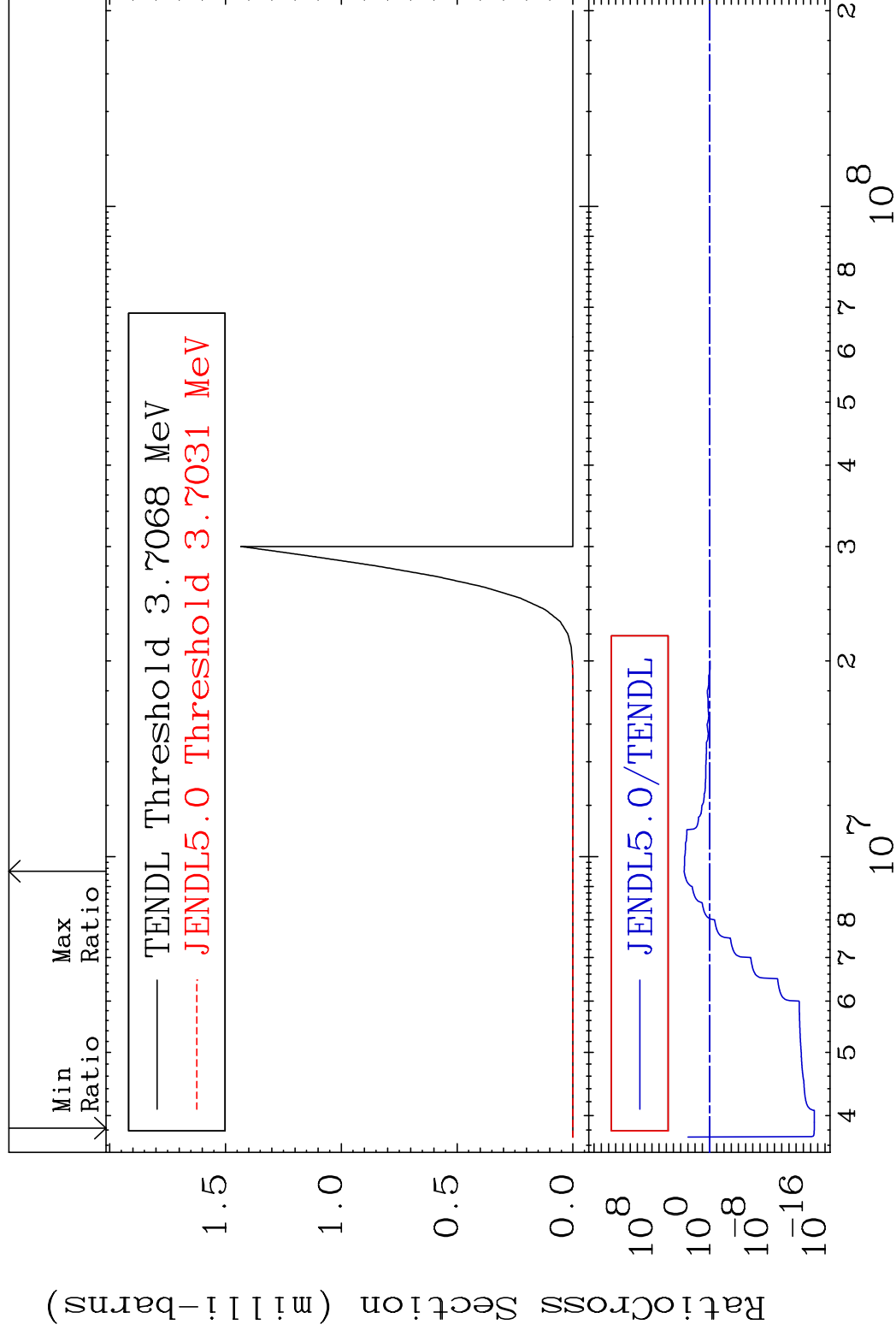
40 Incident Energy (eV) 66-Dy-156

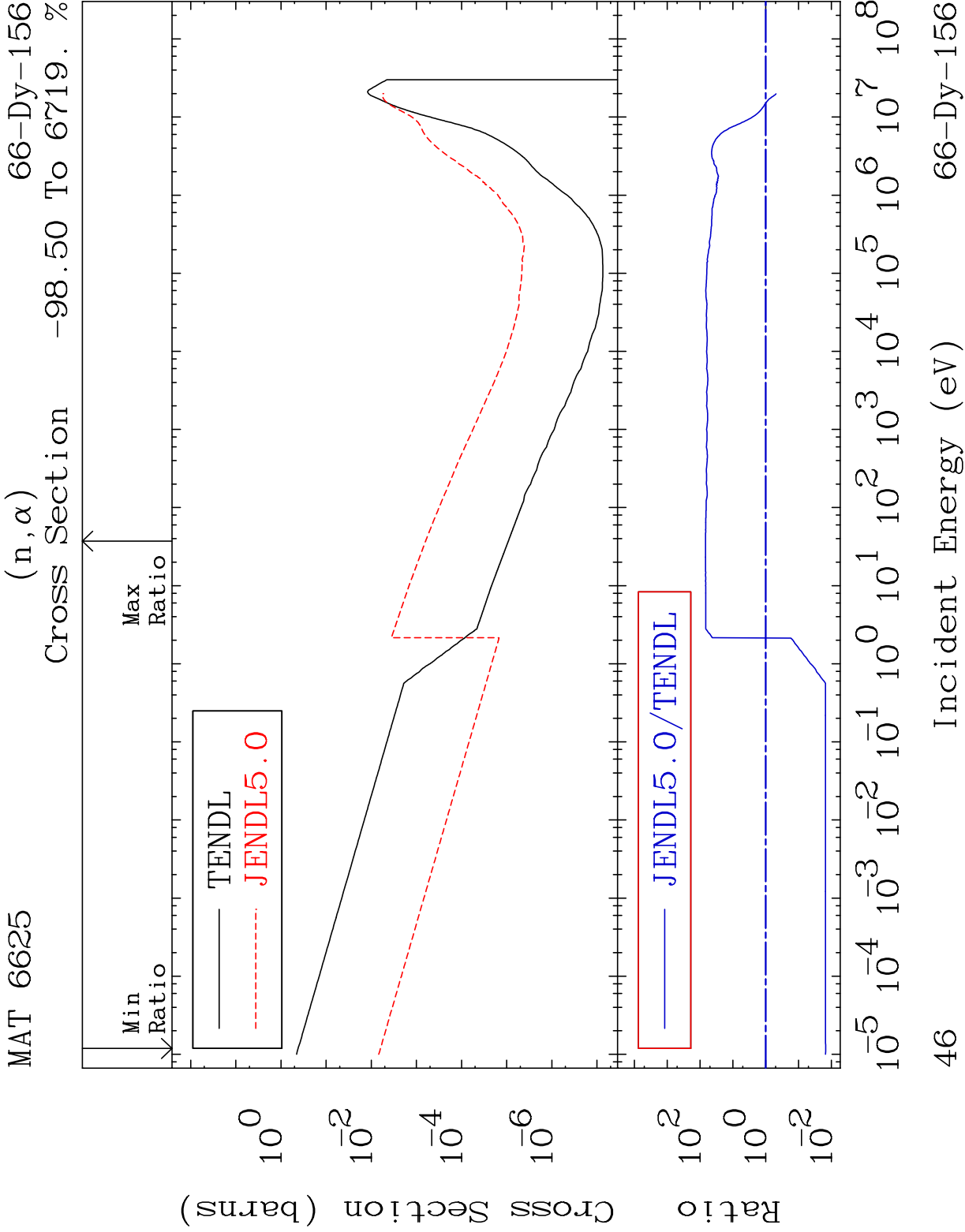


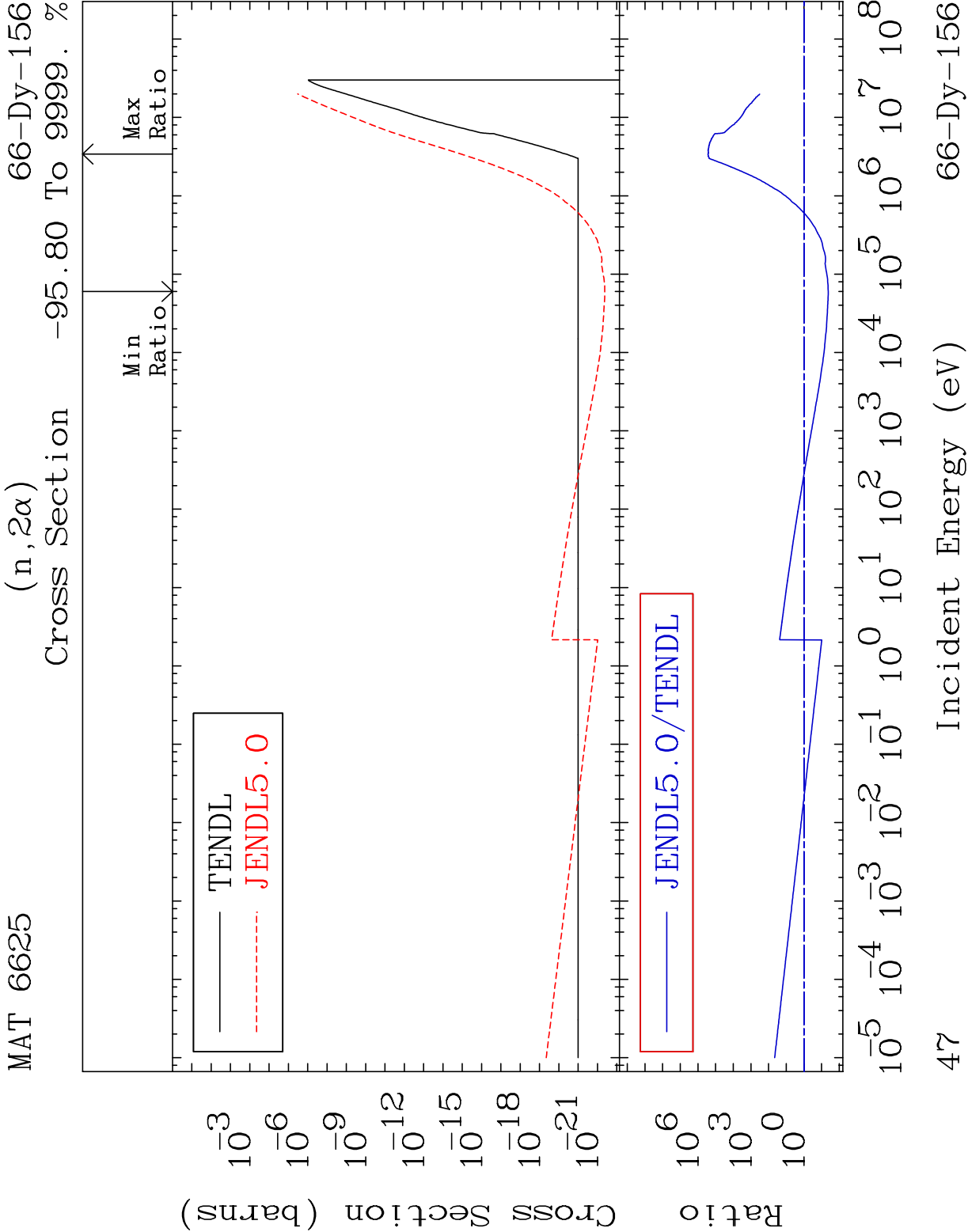


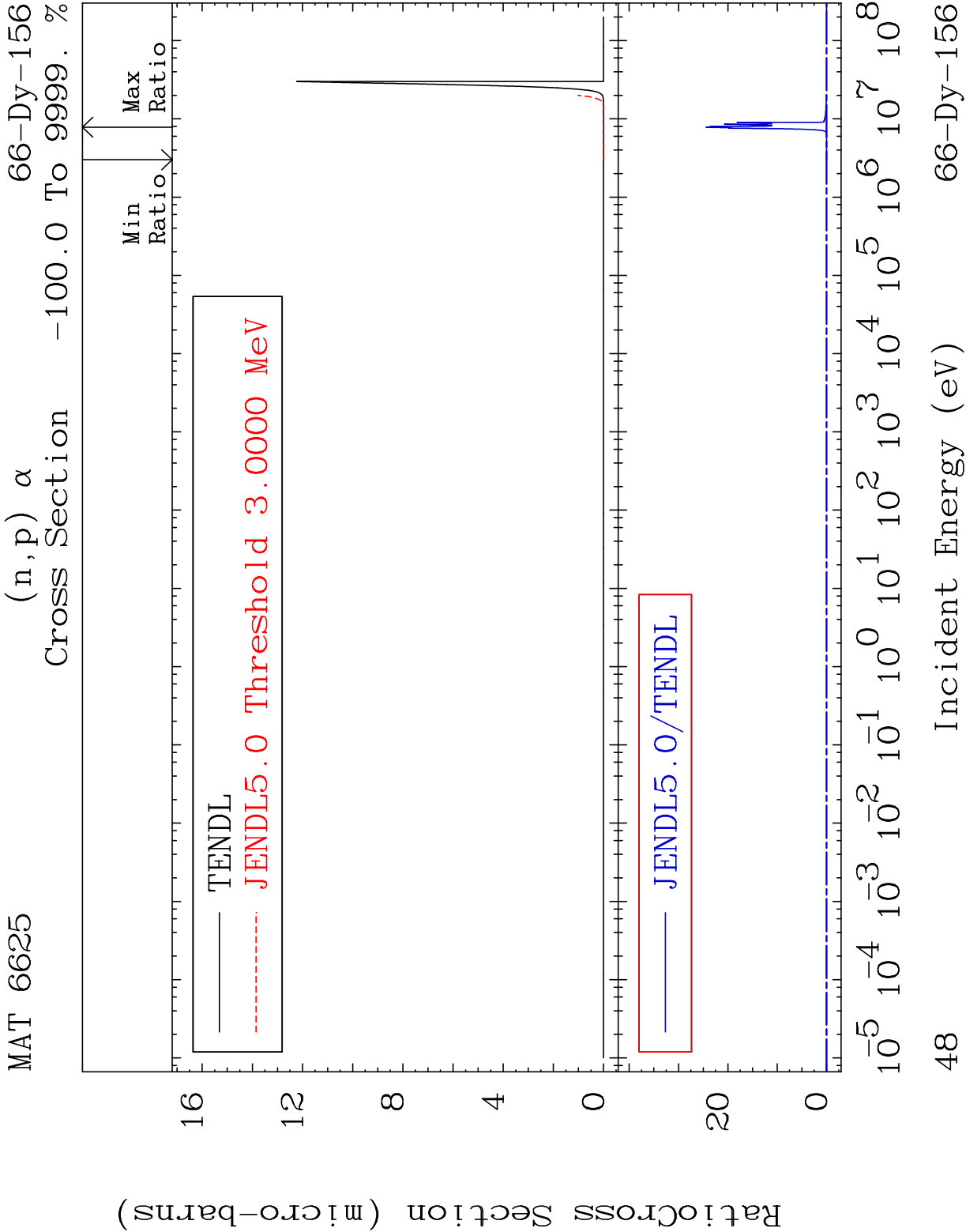


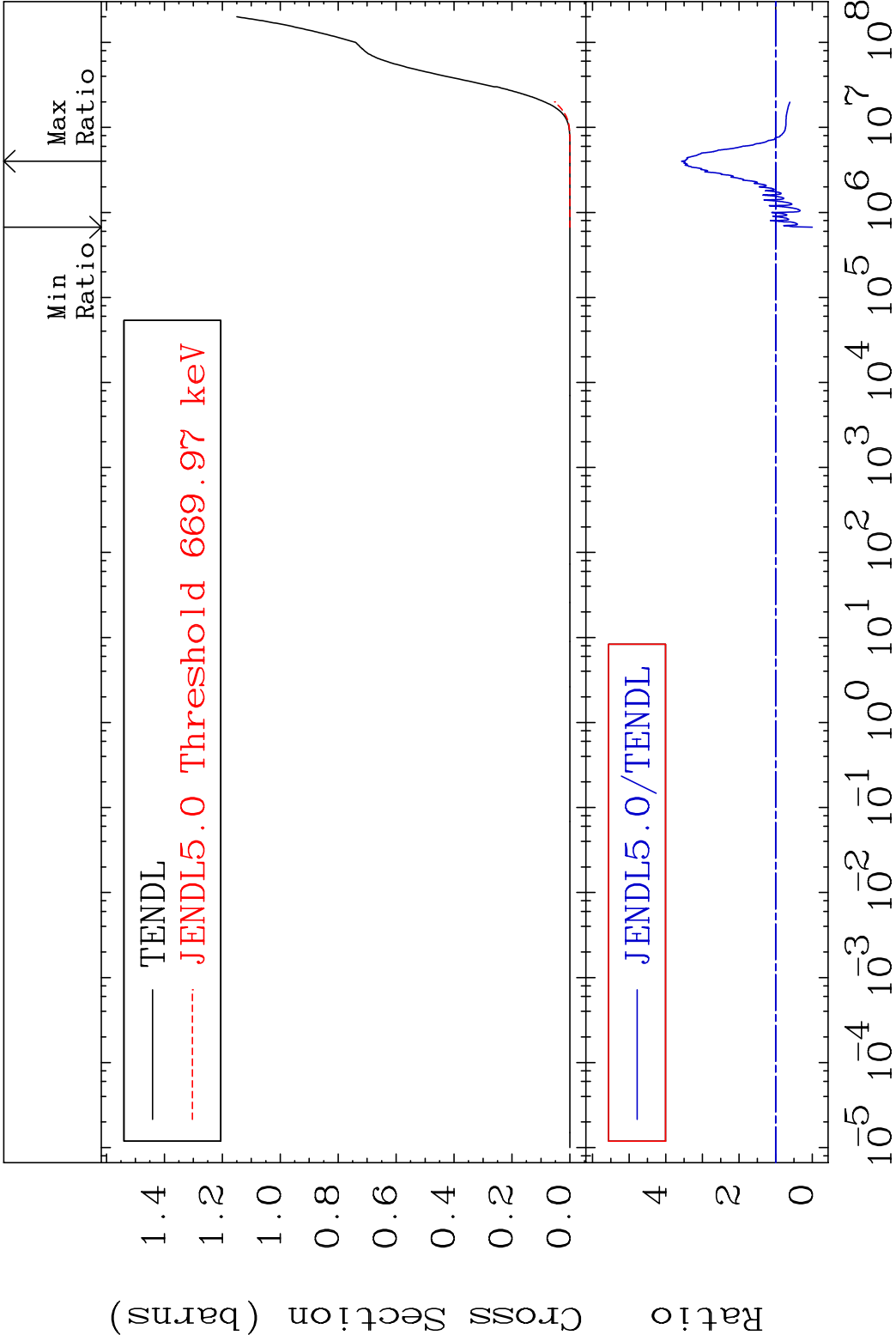


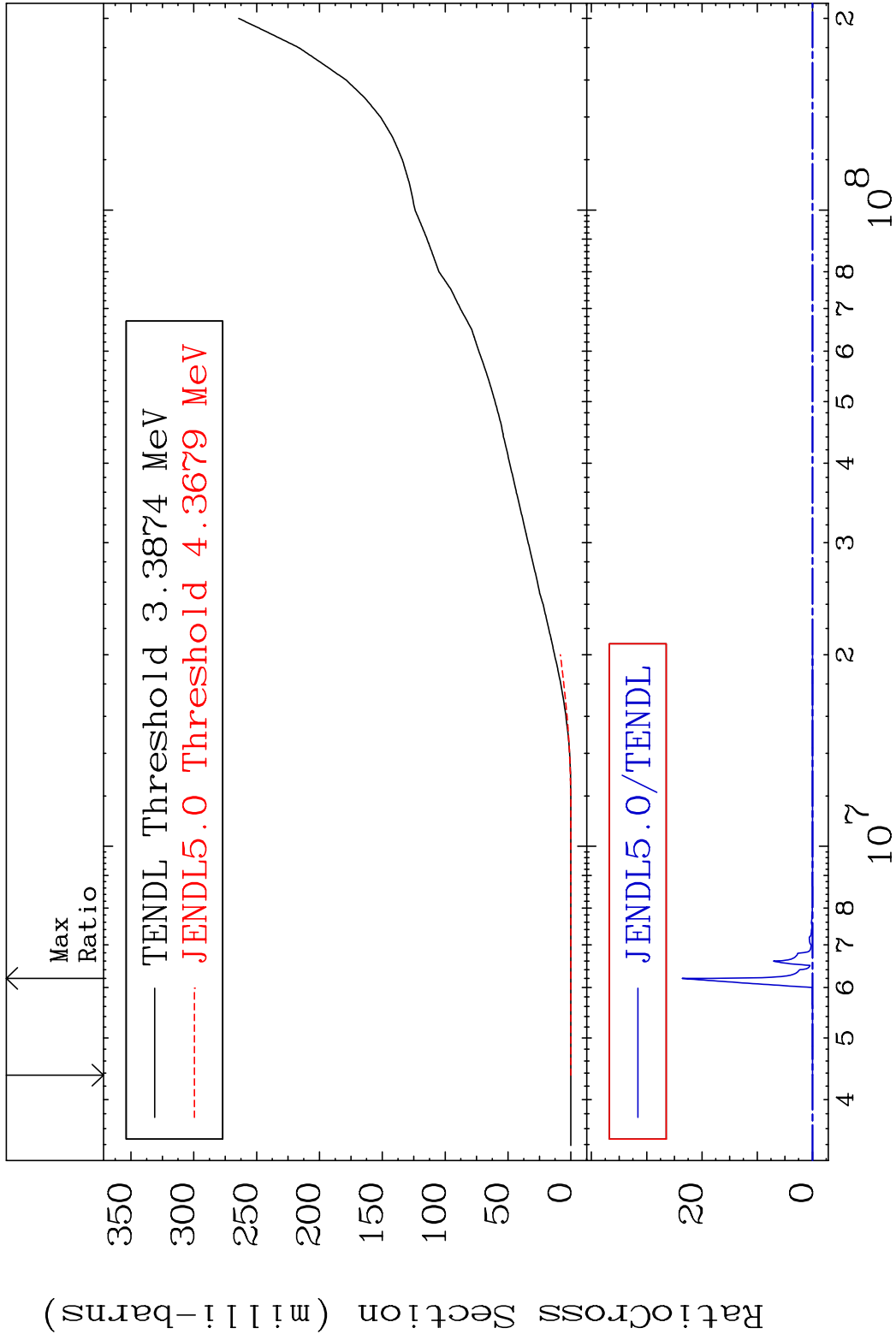


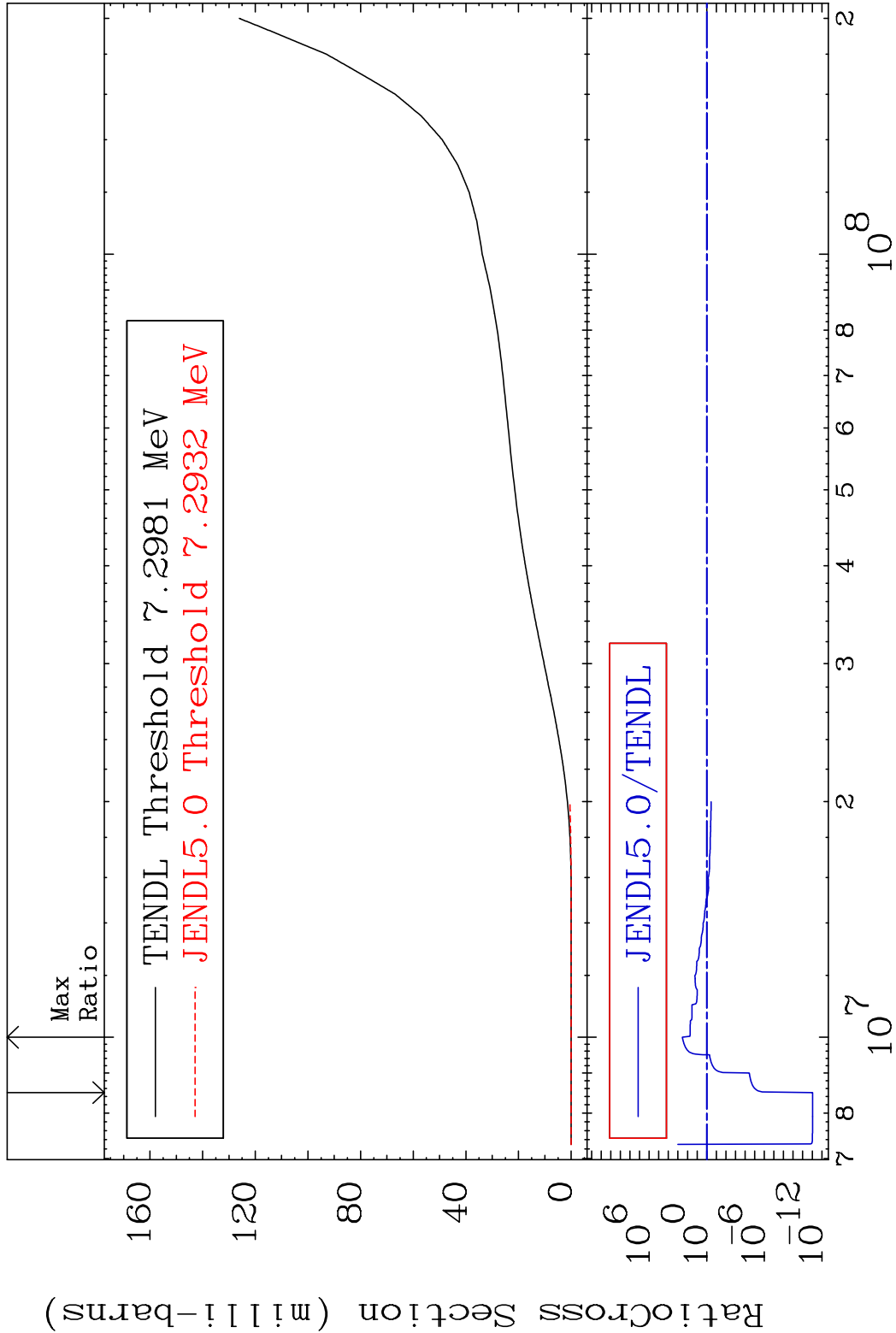


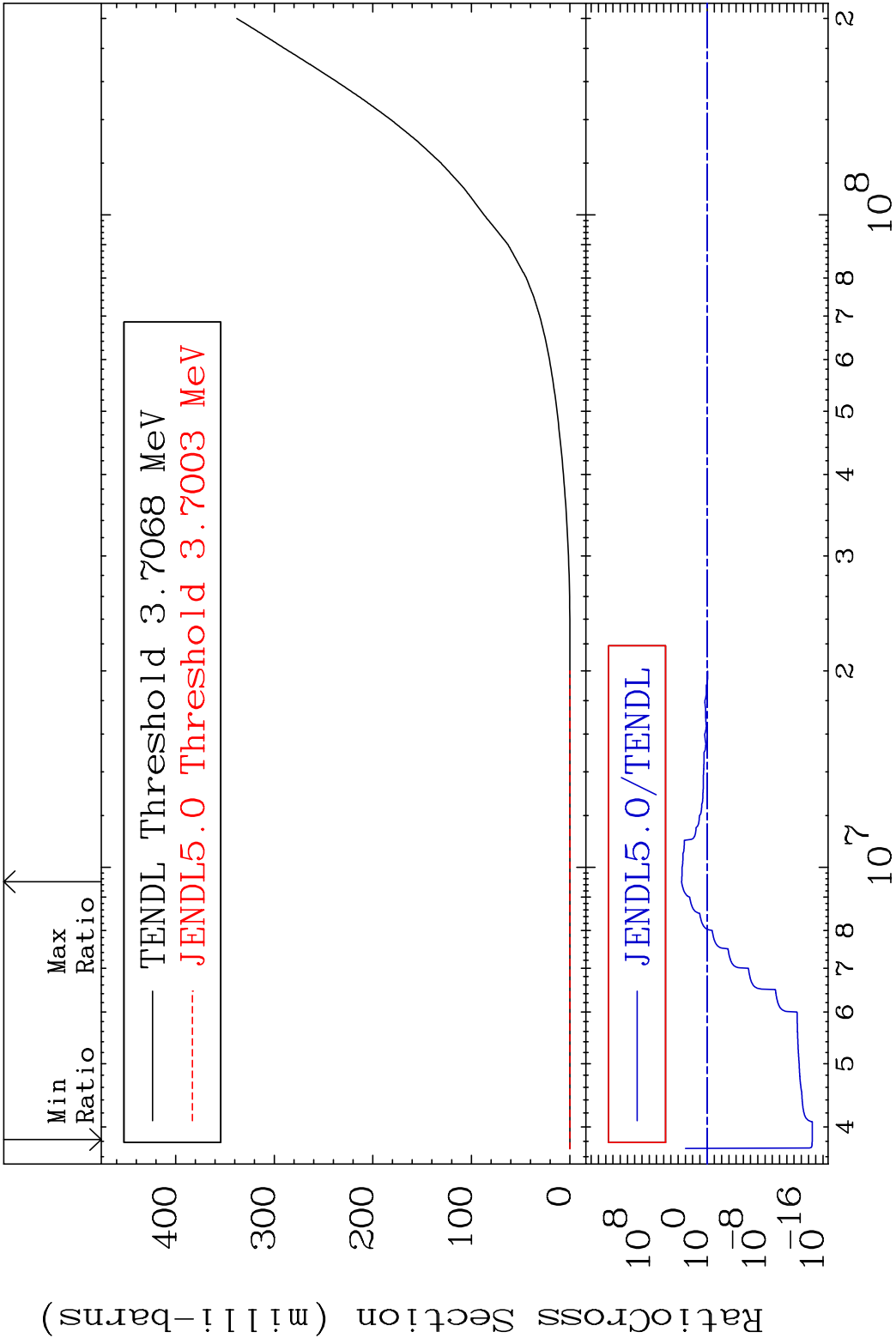












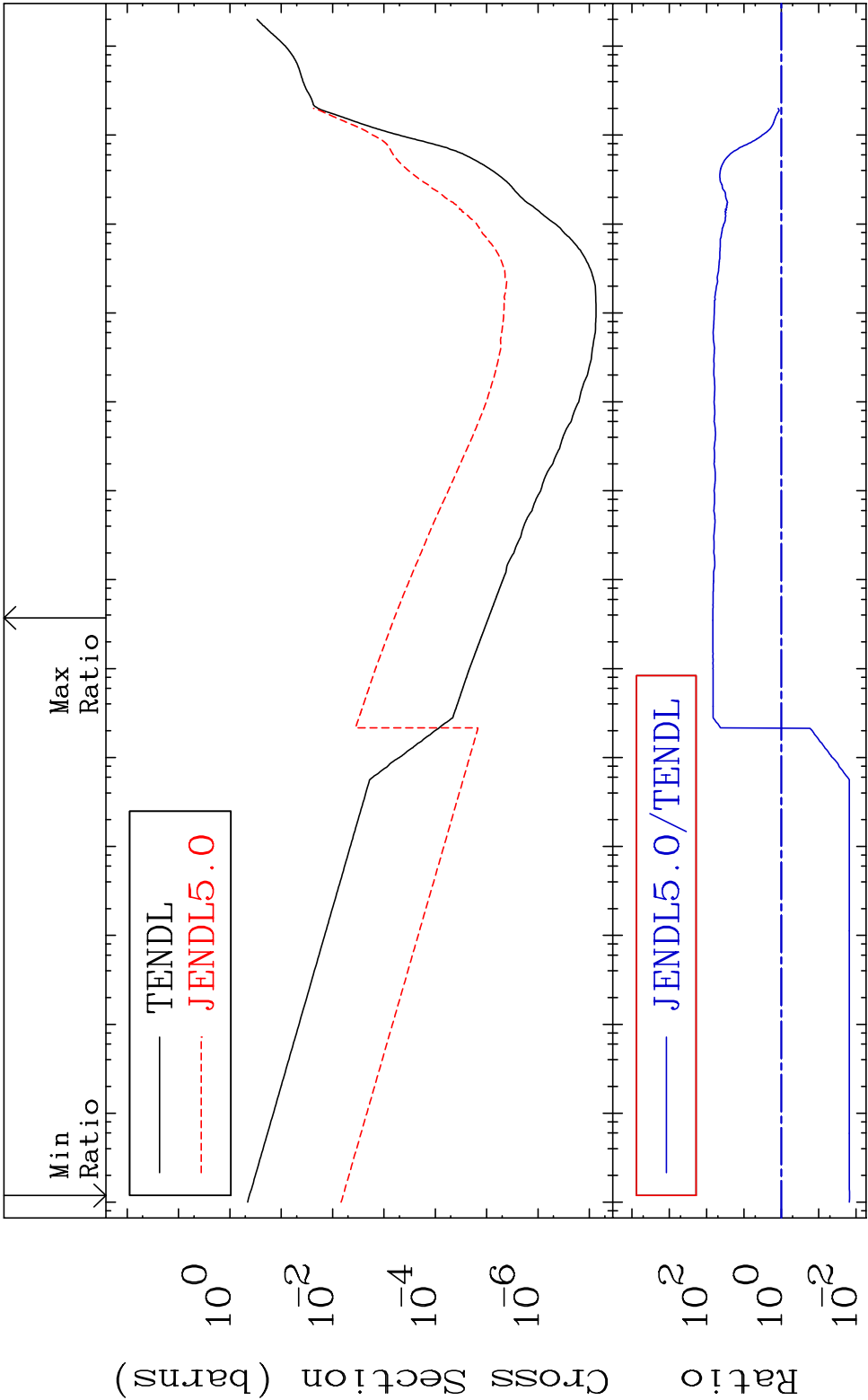
MAT 6625

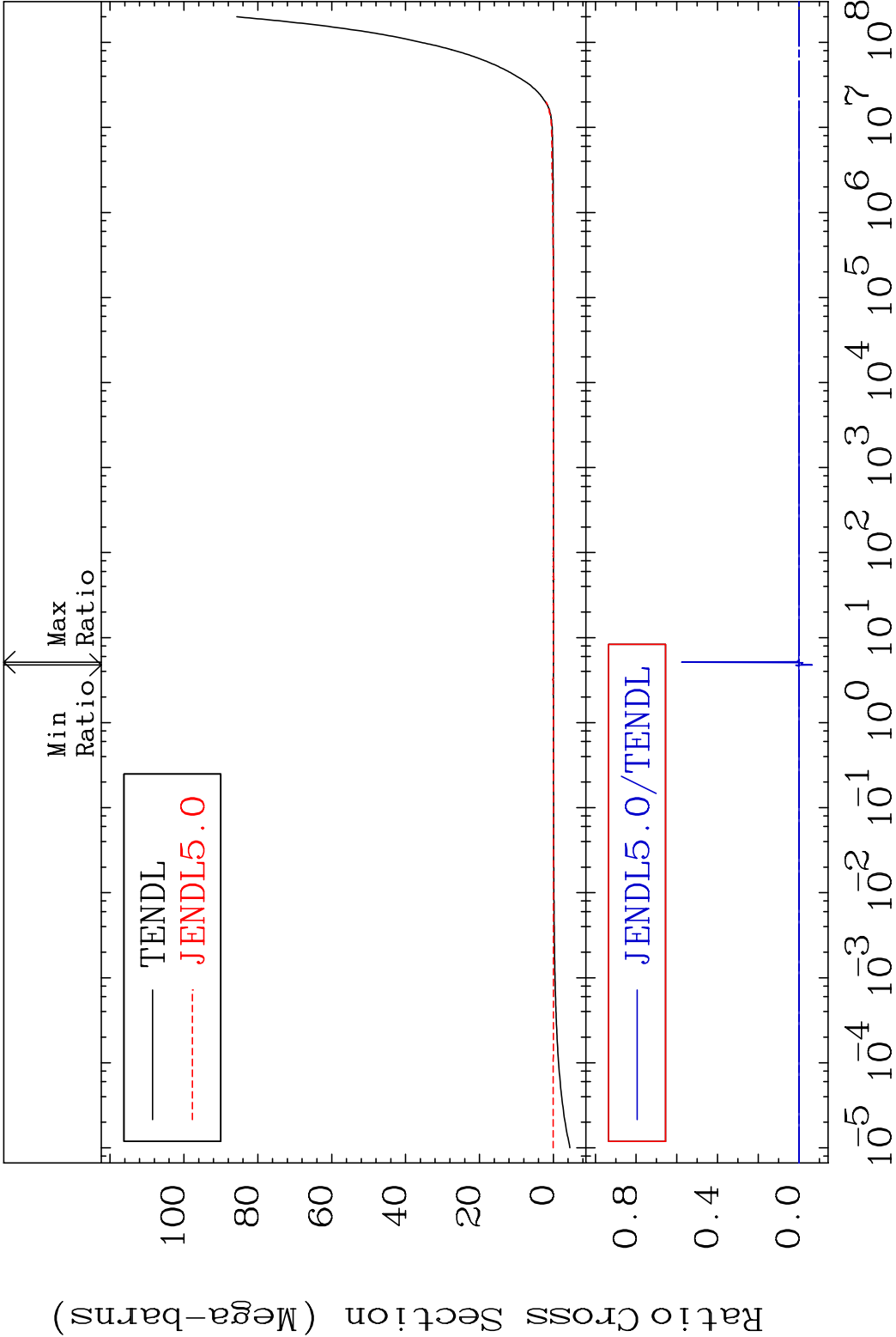
He-4 Production

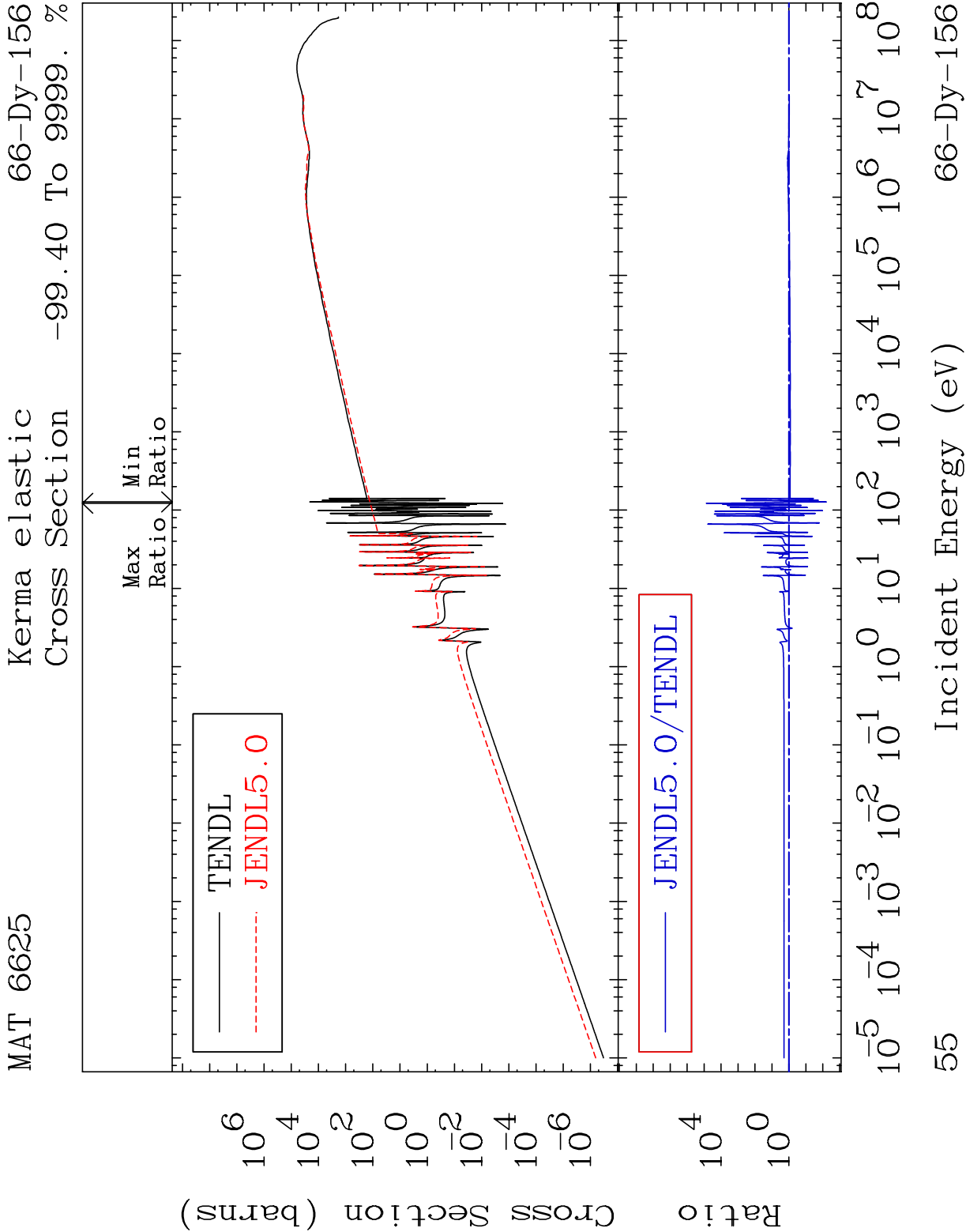
66-Dy-156

Cross Section

-98.50 To 6719. %

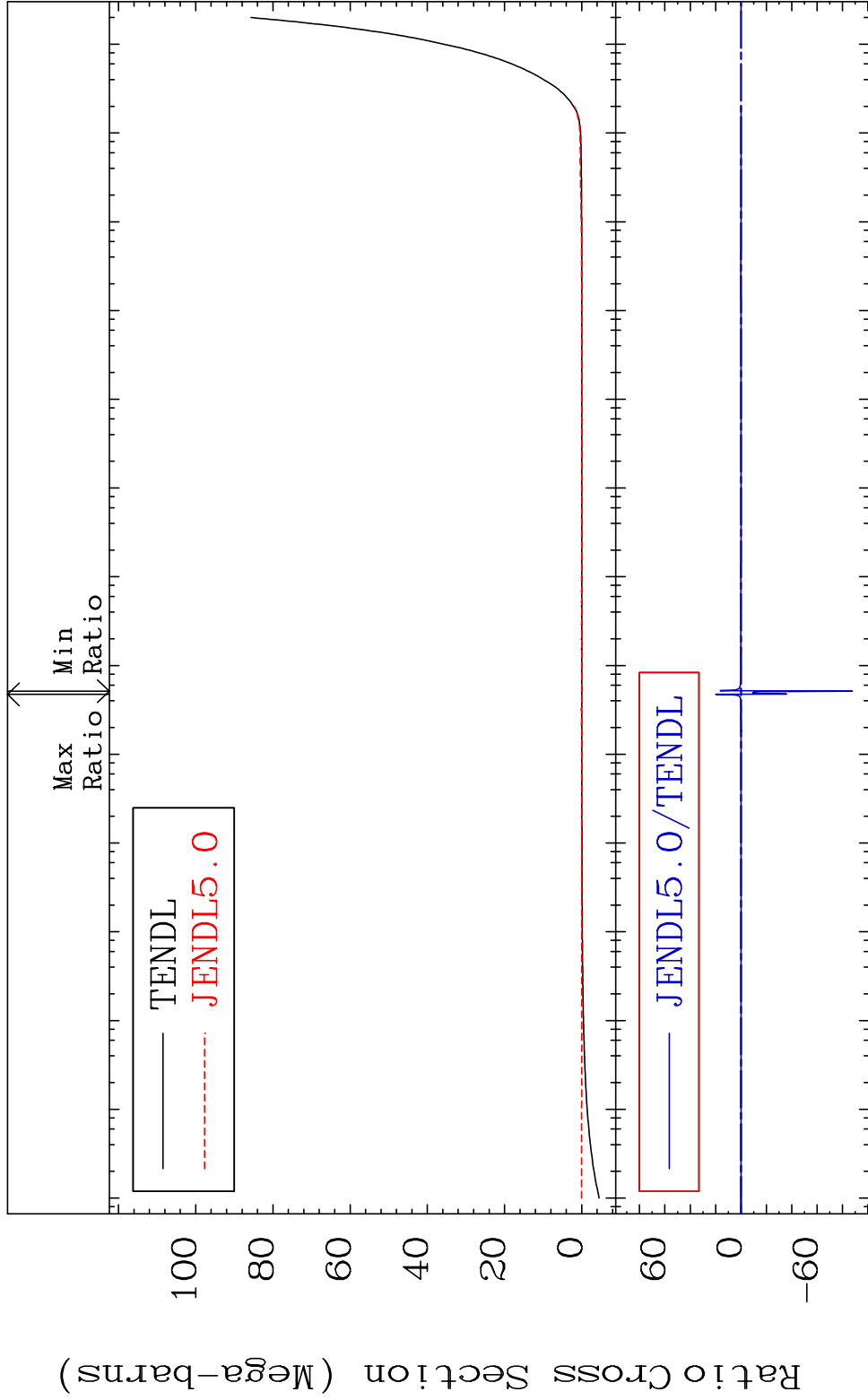






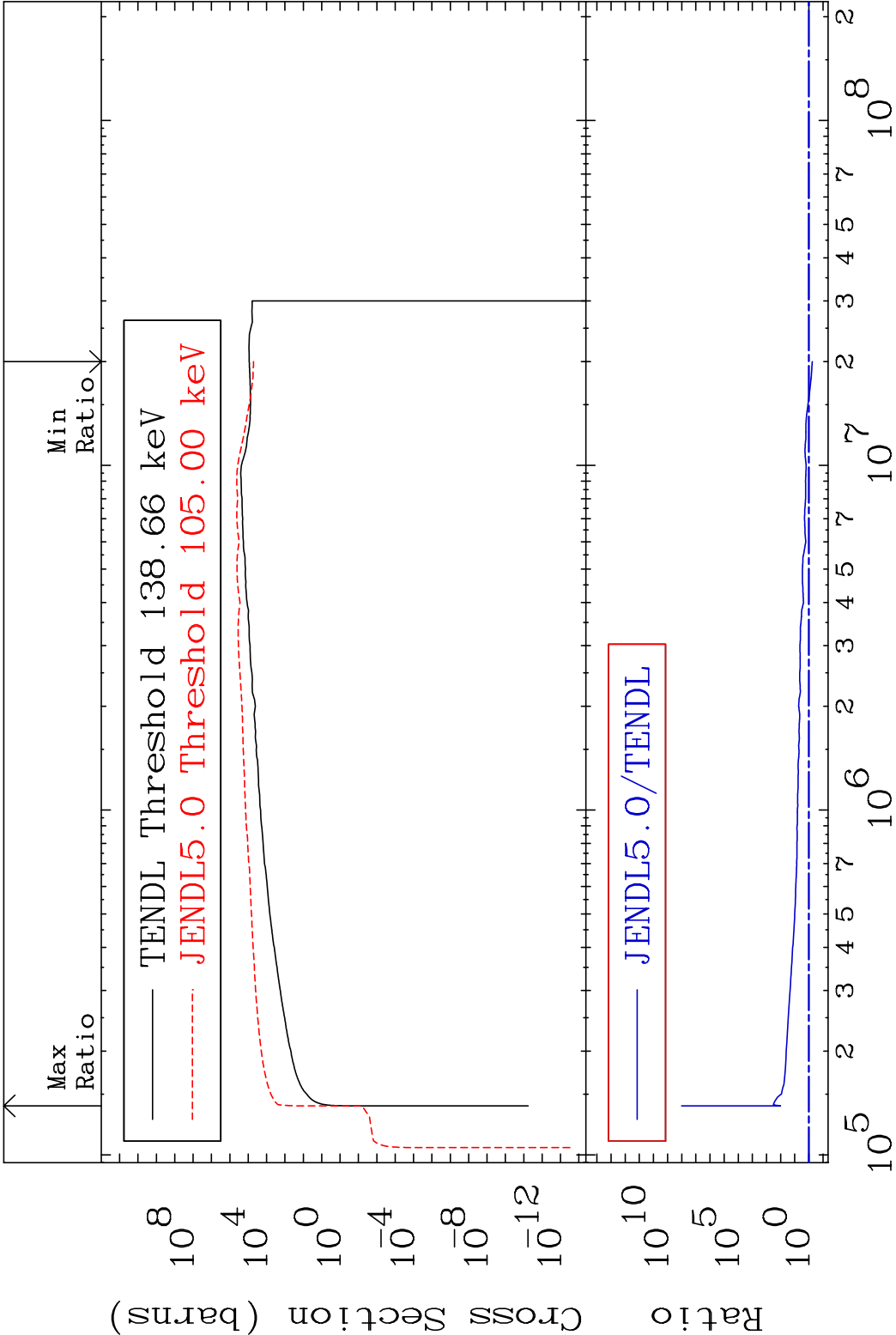
MAT 6625 Kerma non-elastic (all but mt2) 66-Dy-156

Cross Section -9999. To 9999. %

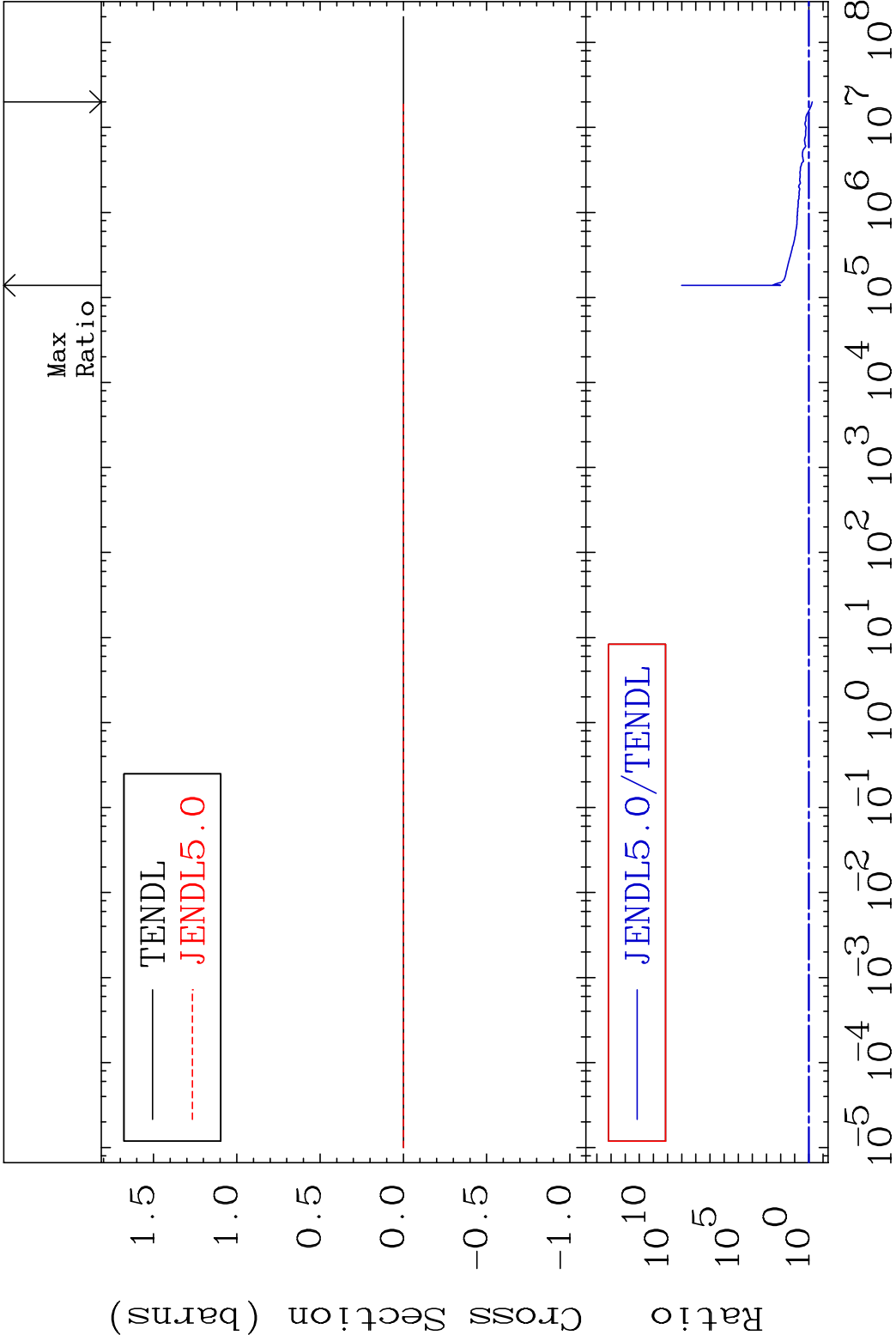


56 Incident Energy (eV) 66-Dy-156

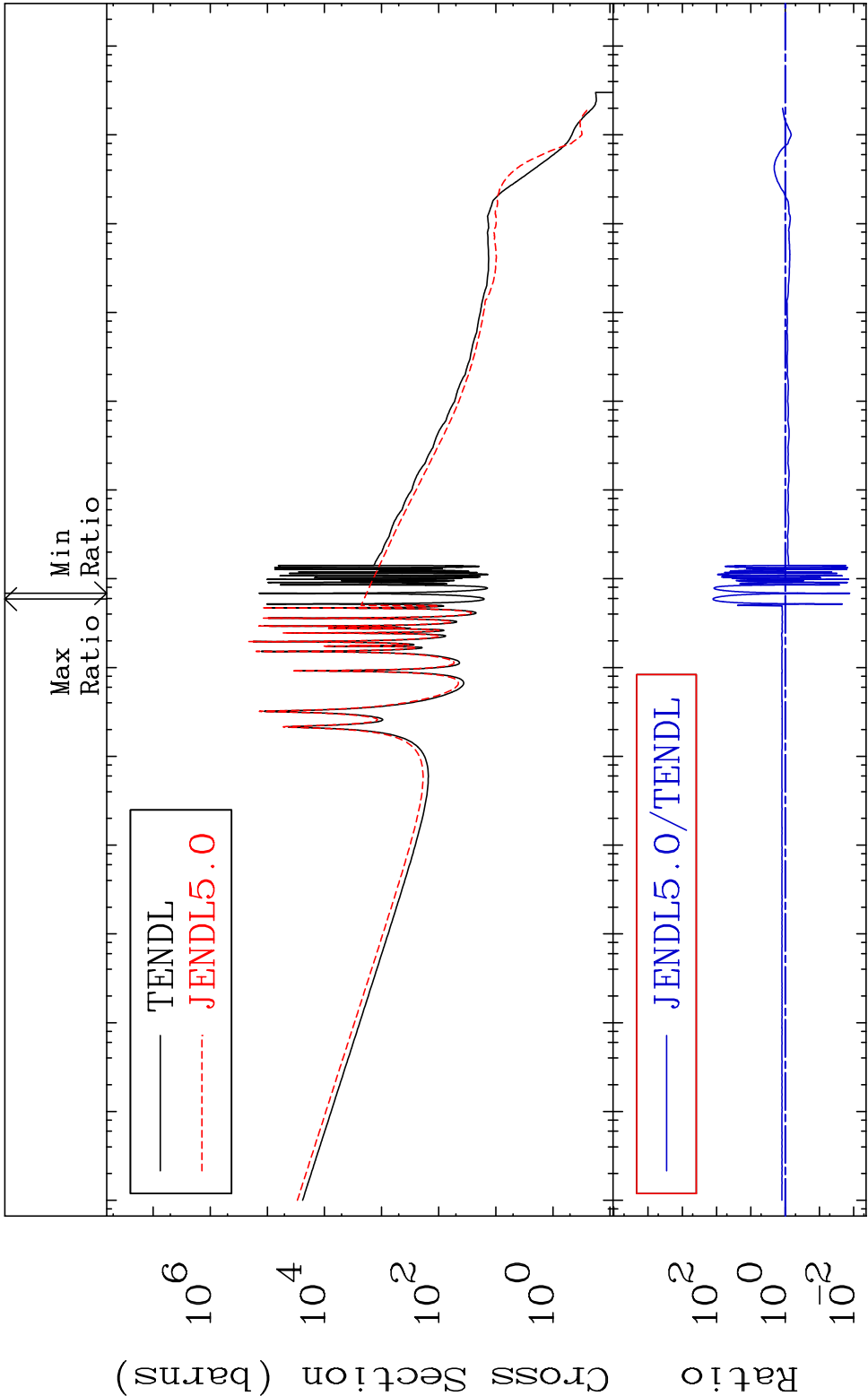
MAT 6625 Kerma inelastic (mt51-91) 66-Dy-156
Cross Section -41.86 To 9999. %



MAT 6625 Kerma fission (mt18 or mt19-20-21-38)66-Dy-156
Cross Section -41.86 To 9999. %

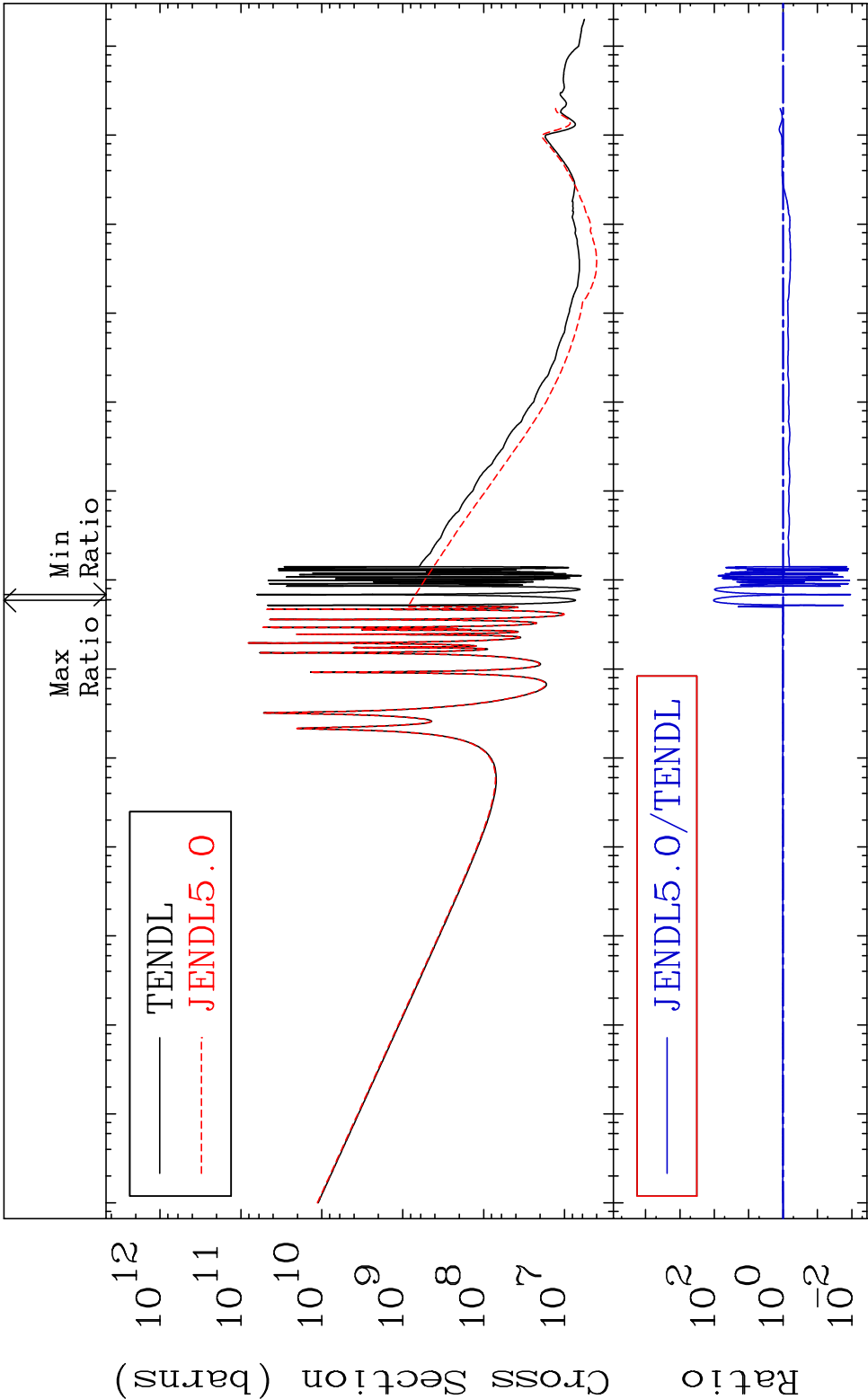


MAT 6625 Kerma capture (mt102) 66-Dy-156
Cross Section -98.67 To 9999. %



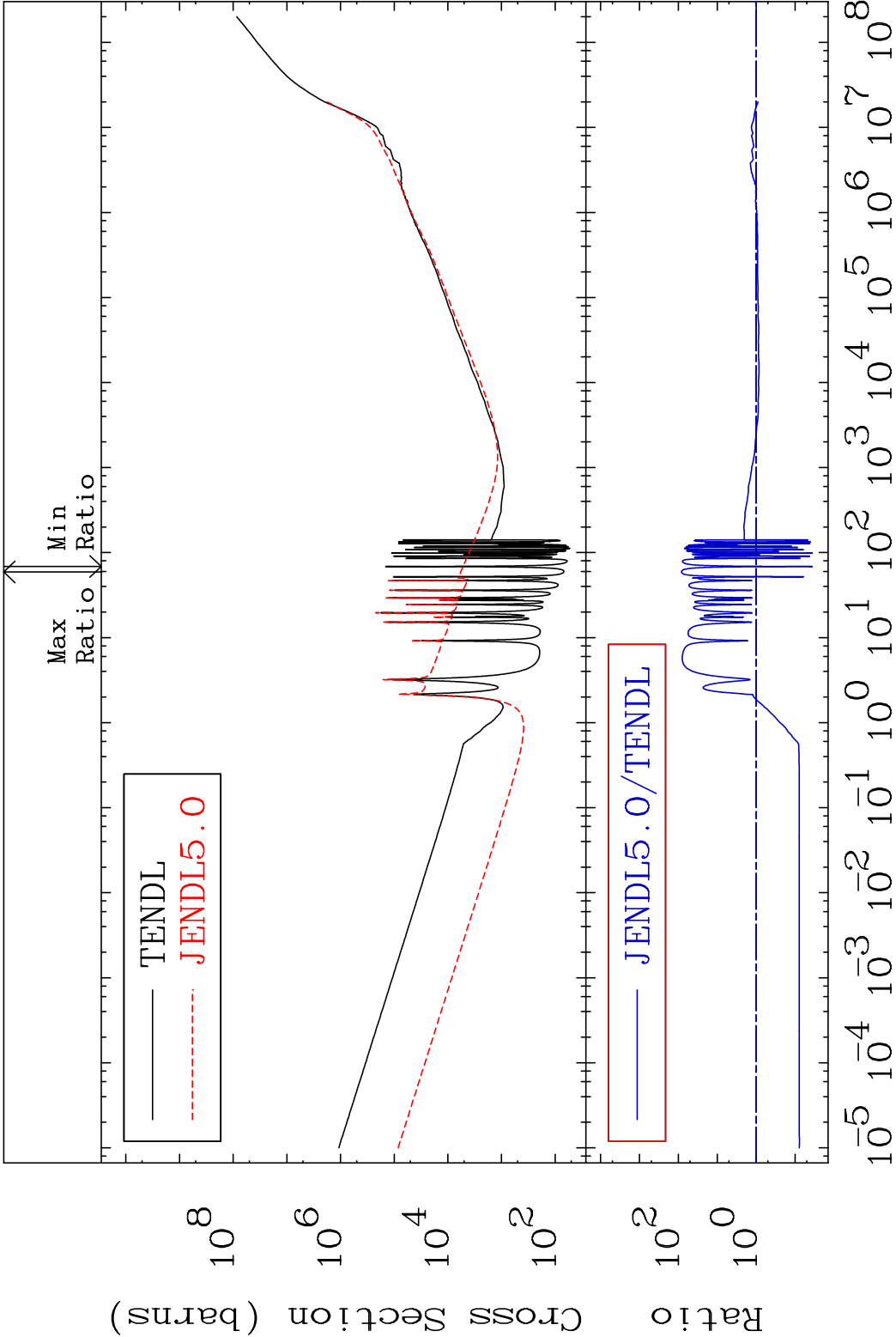
59 Incident Energy (eV) 66-Dy-156

MAT 6625 Total photon (eV-barns) 66-Dy-156
Cross Section -98.90 To 9999. %

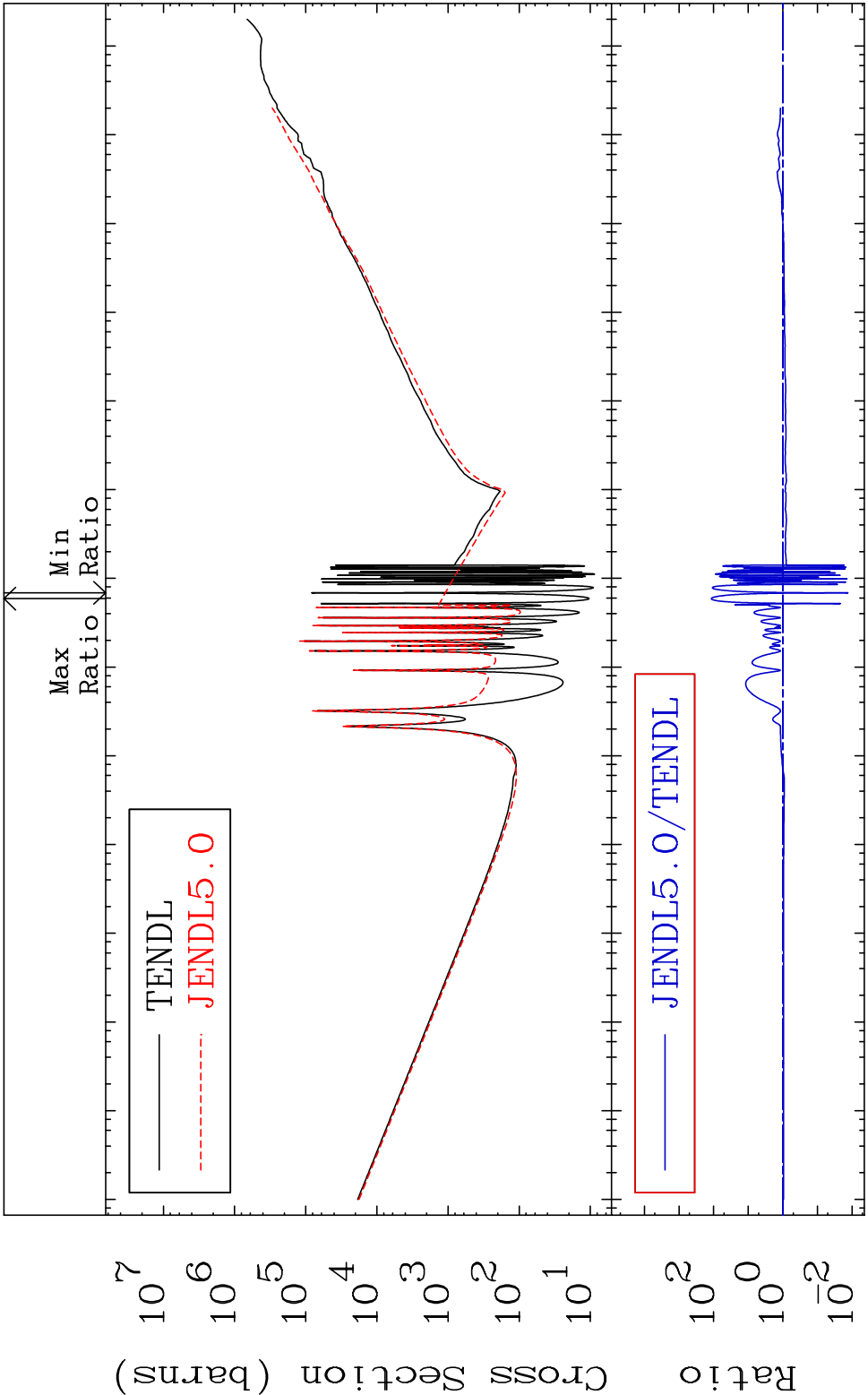


60 Incident Energy (eV) 66-Dy-156

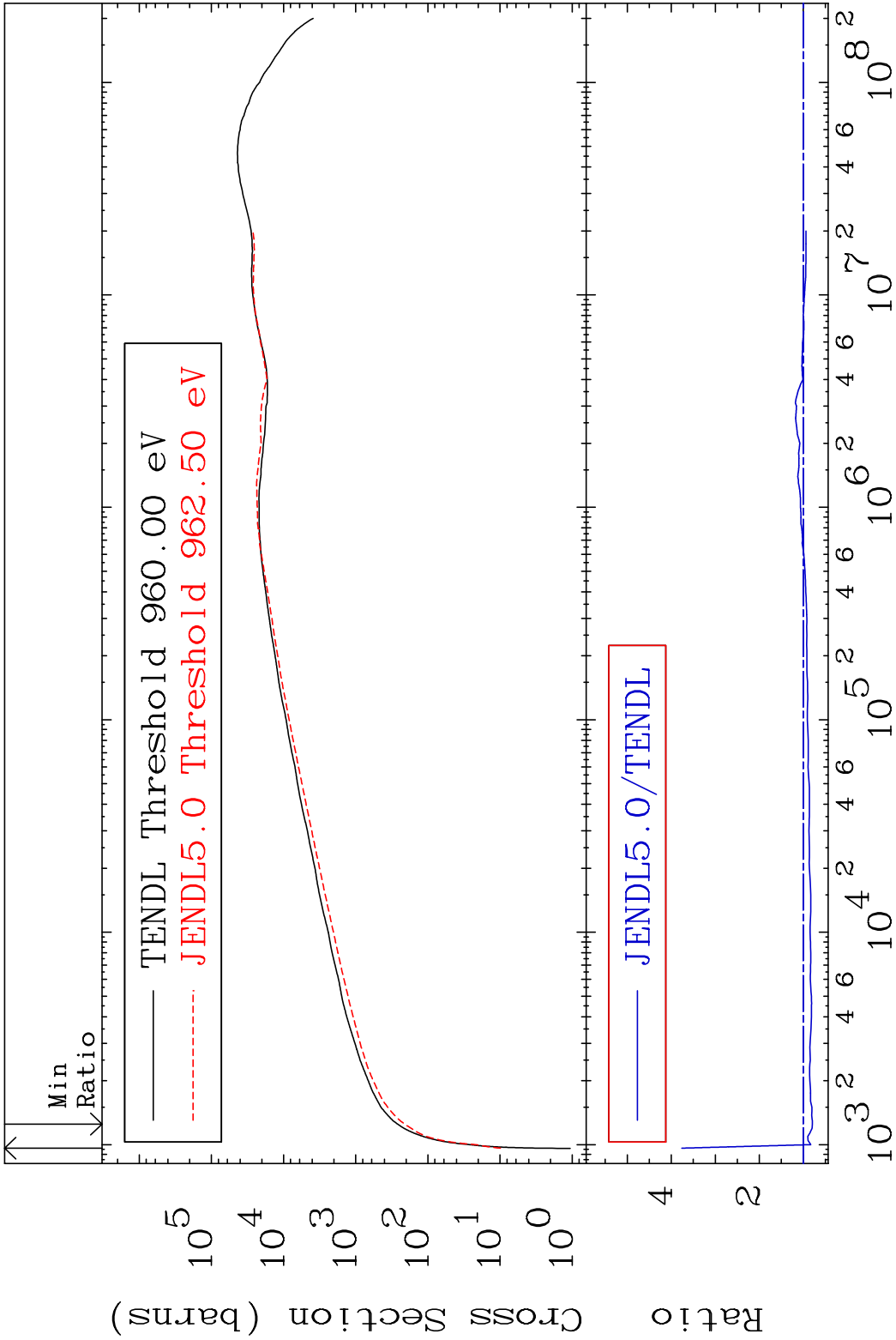
MAT 6625 Total kinematic kerma (high limit) 66-Dy-156
Cross Section -96.36 To 8226. %



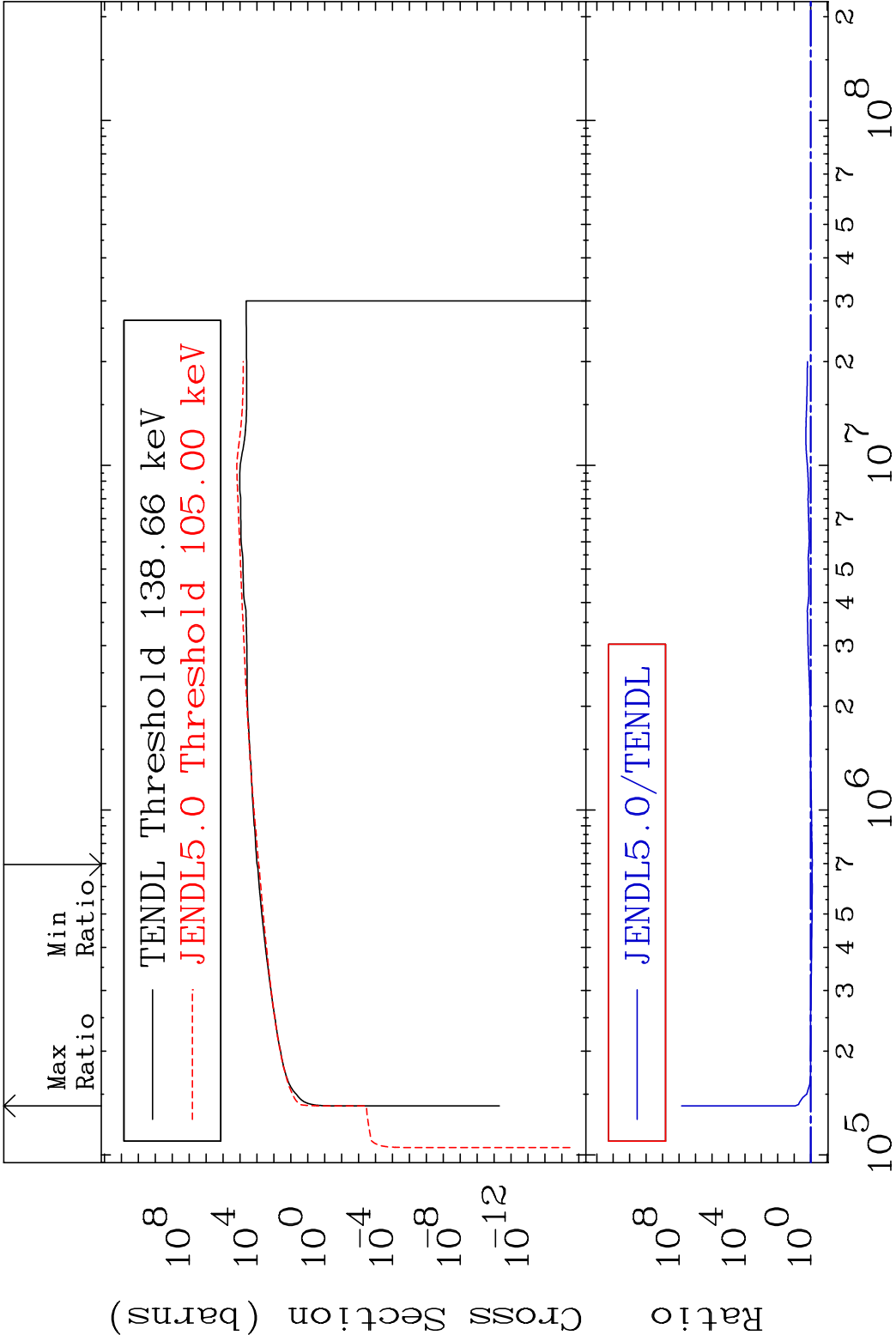
MAT 6625	Dpa total (eV-barns)	66-Dy-156
	Cross Section	-98.67 To 9999. %



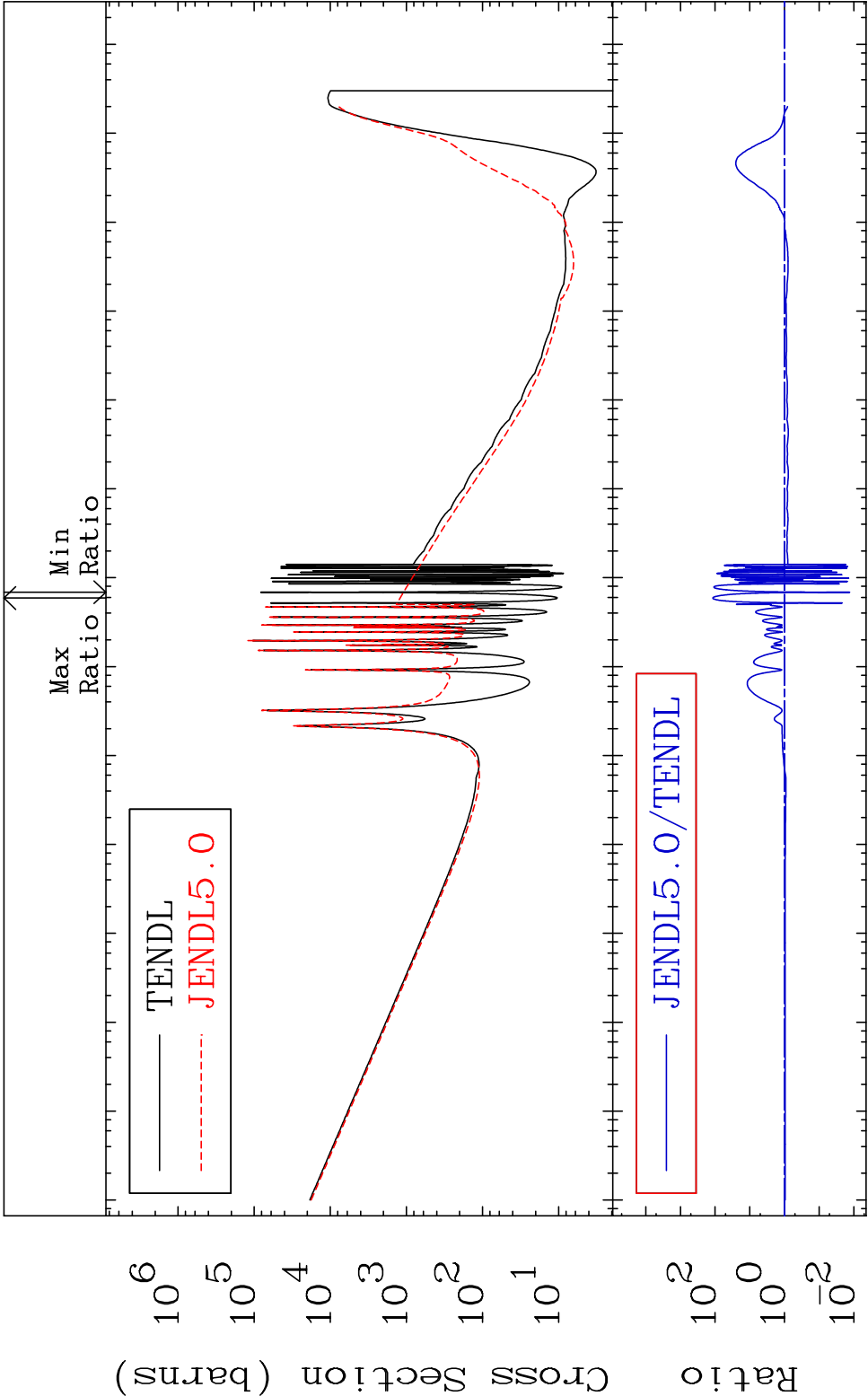
MAT 6625 Dpa elastic (mt2) 66-Dy-156
Cross Section -20.46 To 276.2 %



63 Incident Energy (eV) 66-Dy-156



MAT 6625 Dpa disappearance (mt102 -120) 66-Dy-156
Cross Section -98.67 To 9999. %



65 Incident Energy (eV) 66-Dy-156

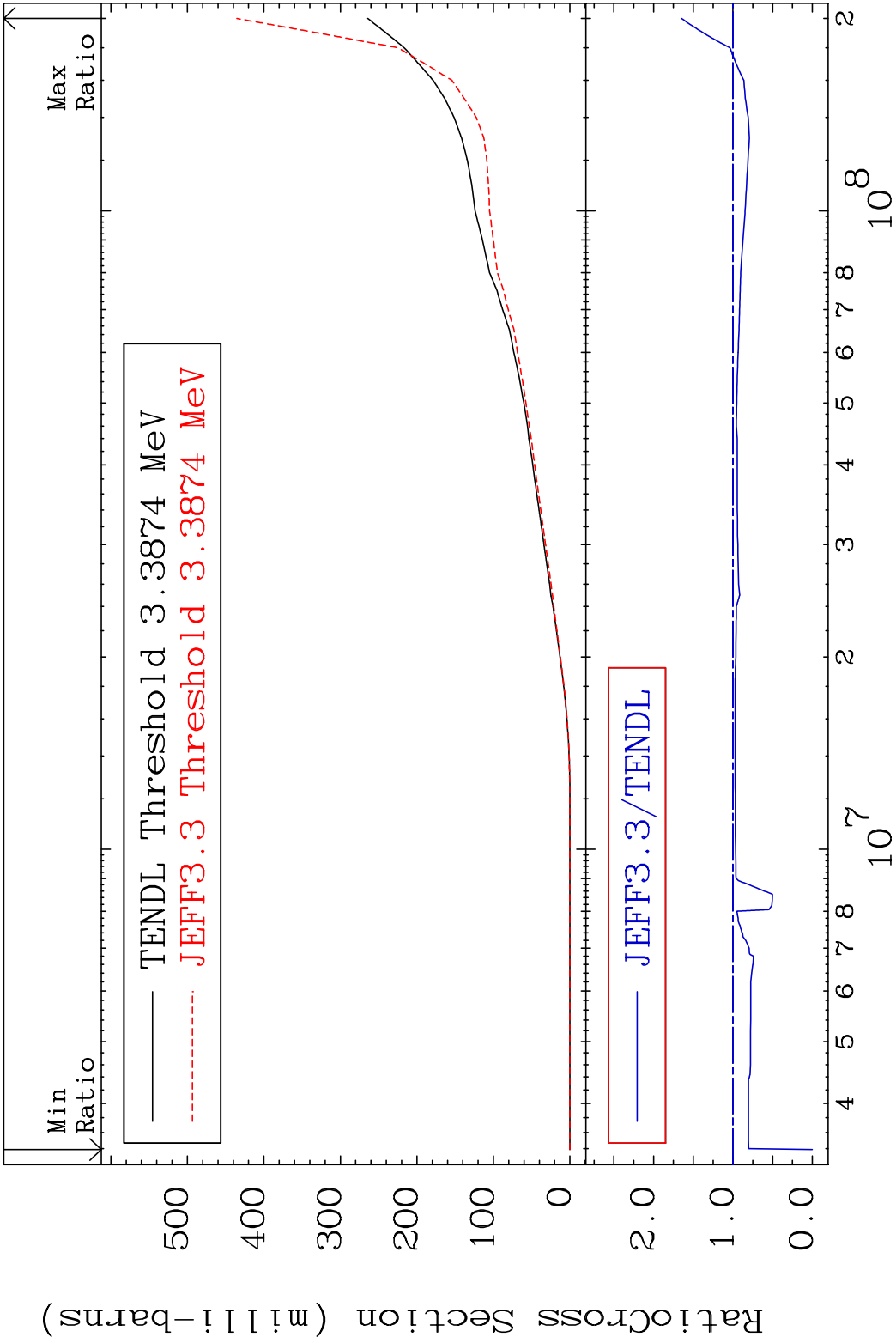
MAT 6625

Deuterium Production

66-Dy-156

Cross Section

-100.0 To 64.76 %



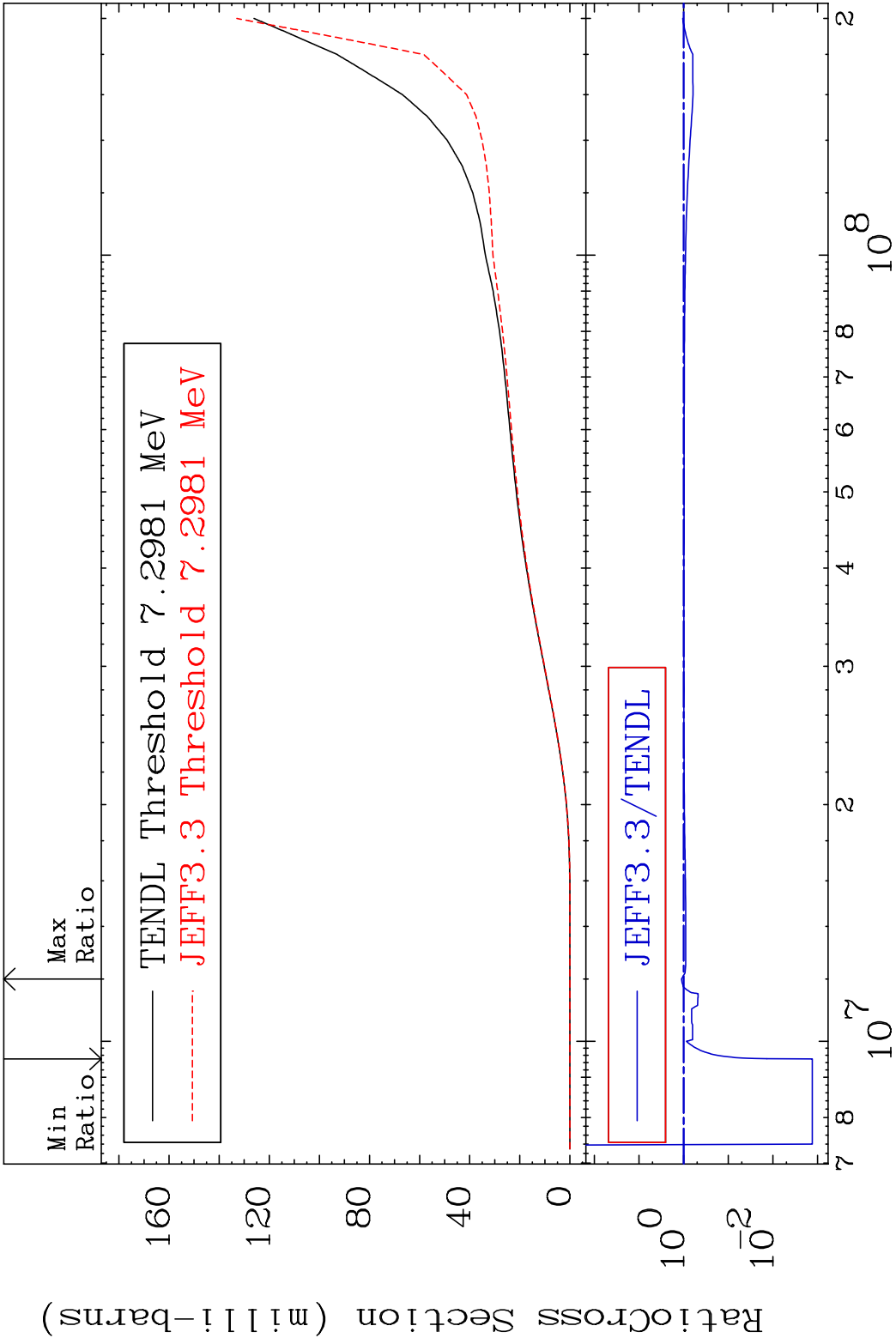
MAT 6625

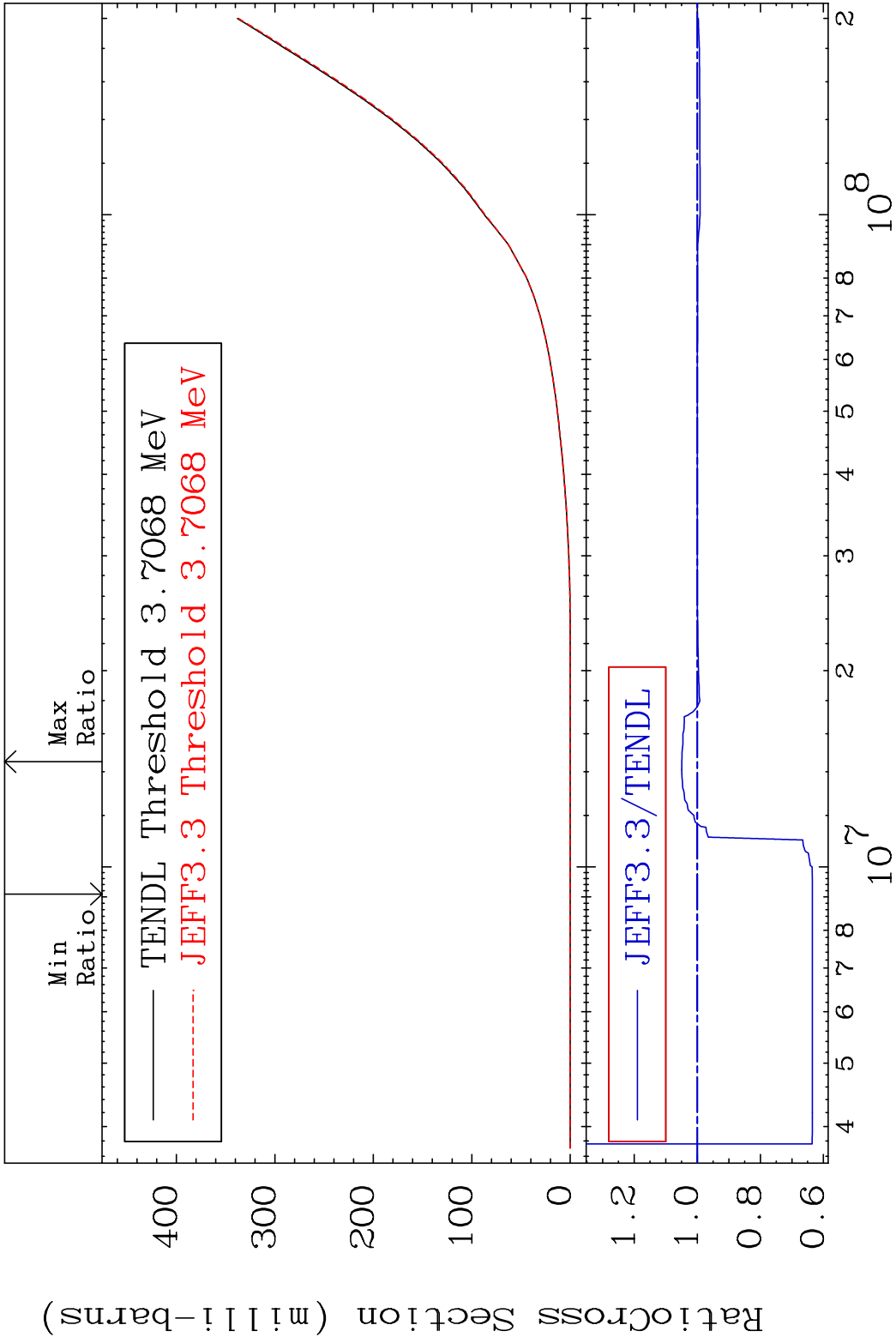
Tritium Production

Cross Section

66-Dy-156

-99.87 To 11.54 %





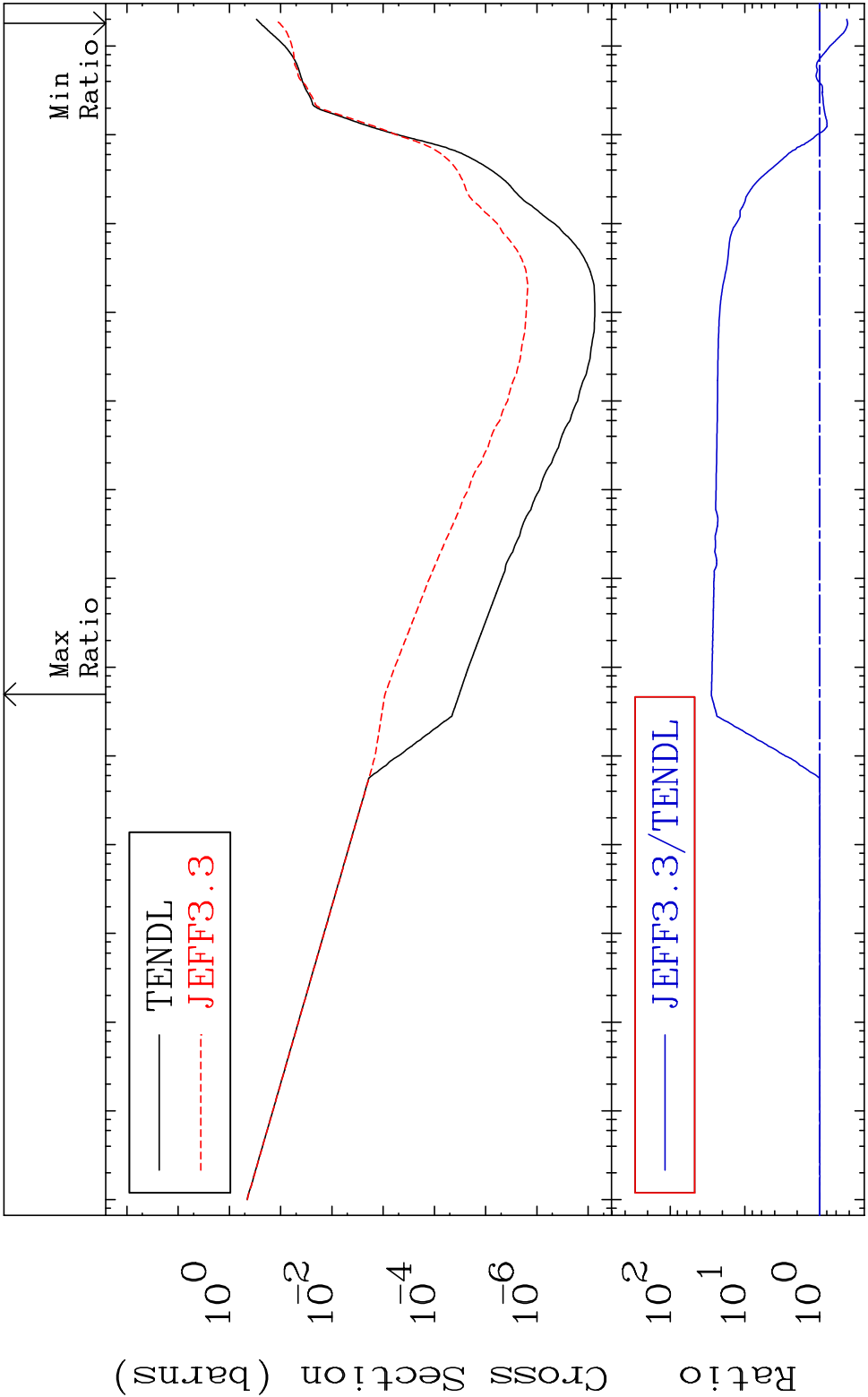
MAT 6625

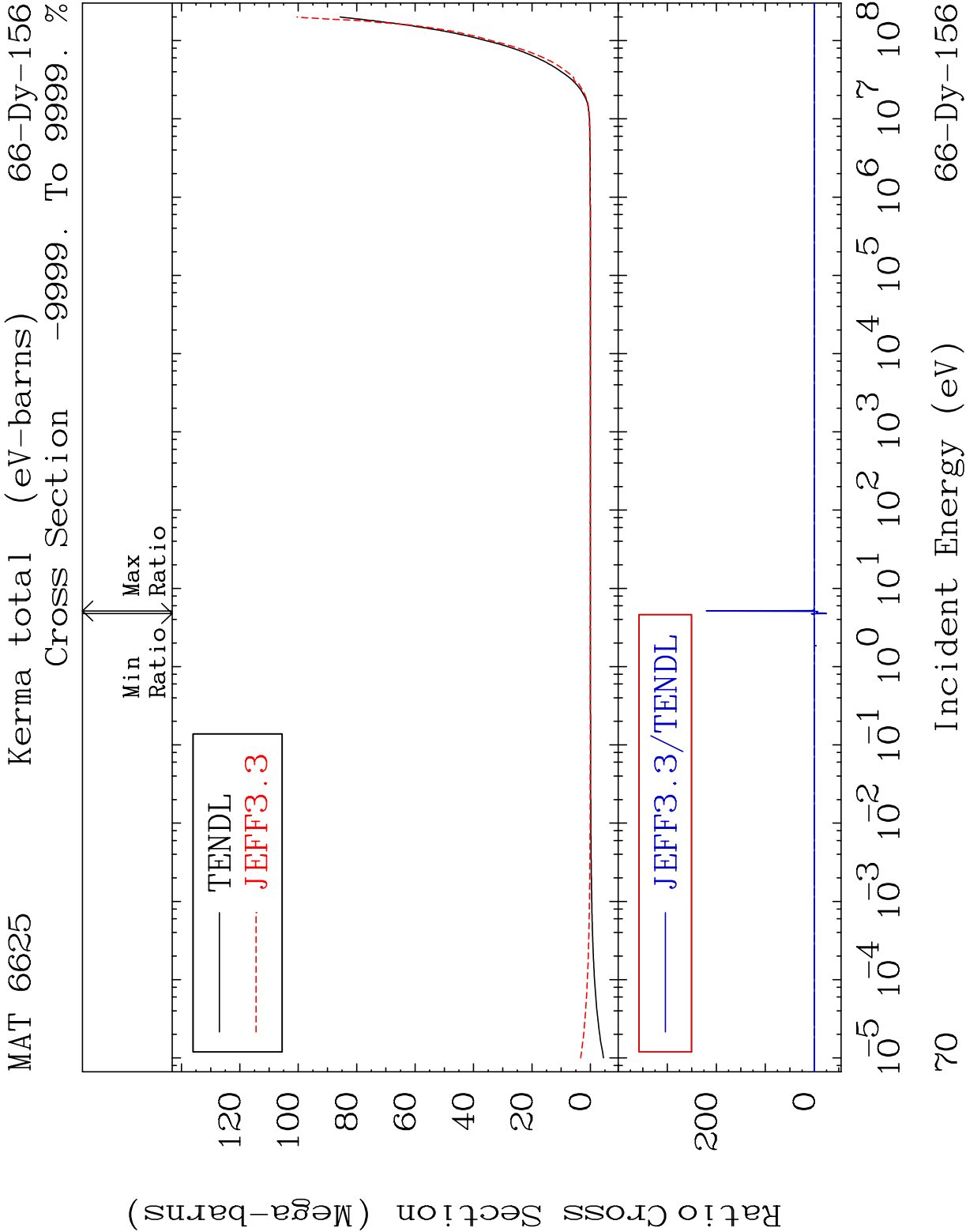
He-4 Production

66-Dy-156

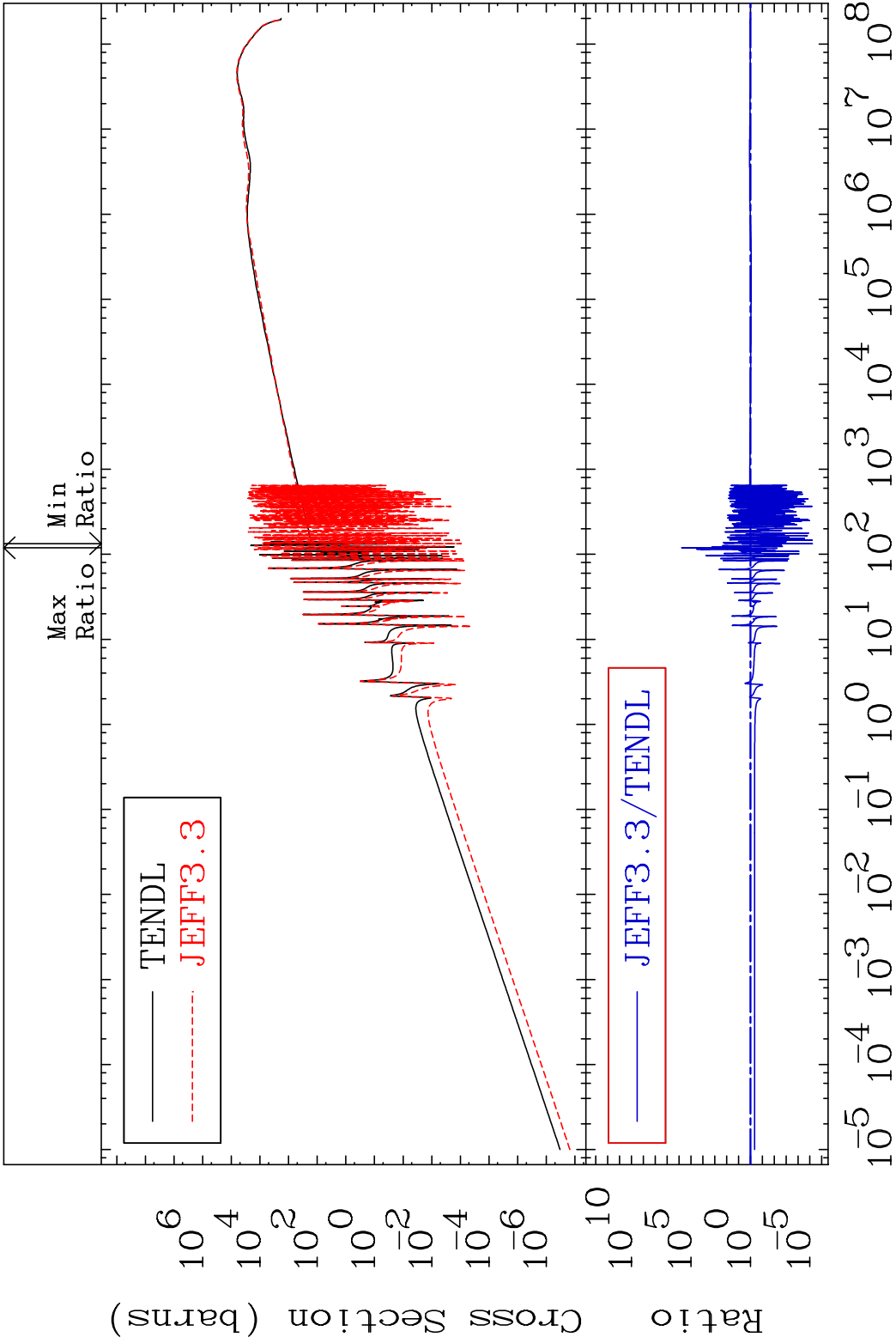
Cross Section

-57.98 To 2713. %

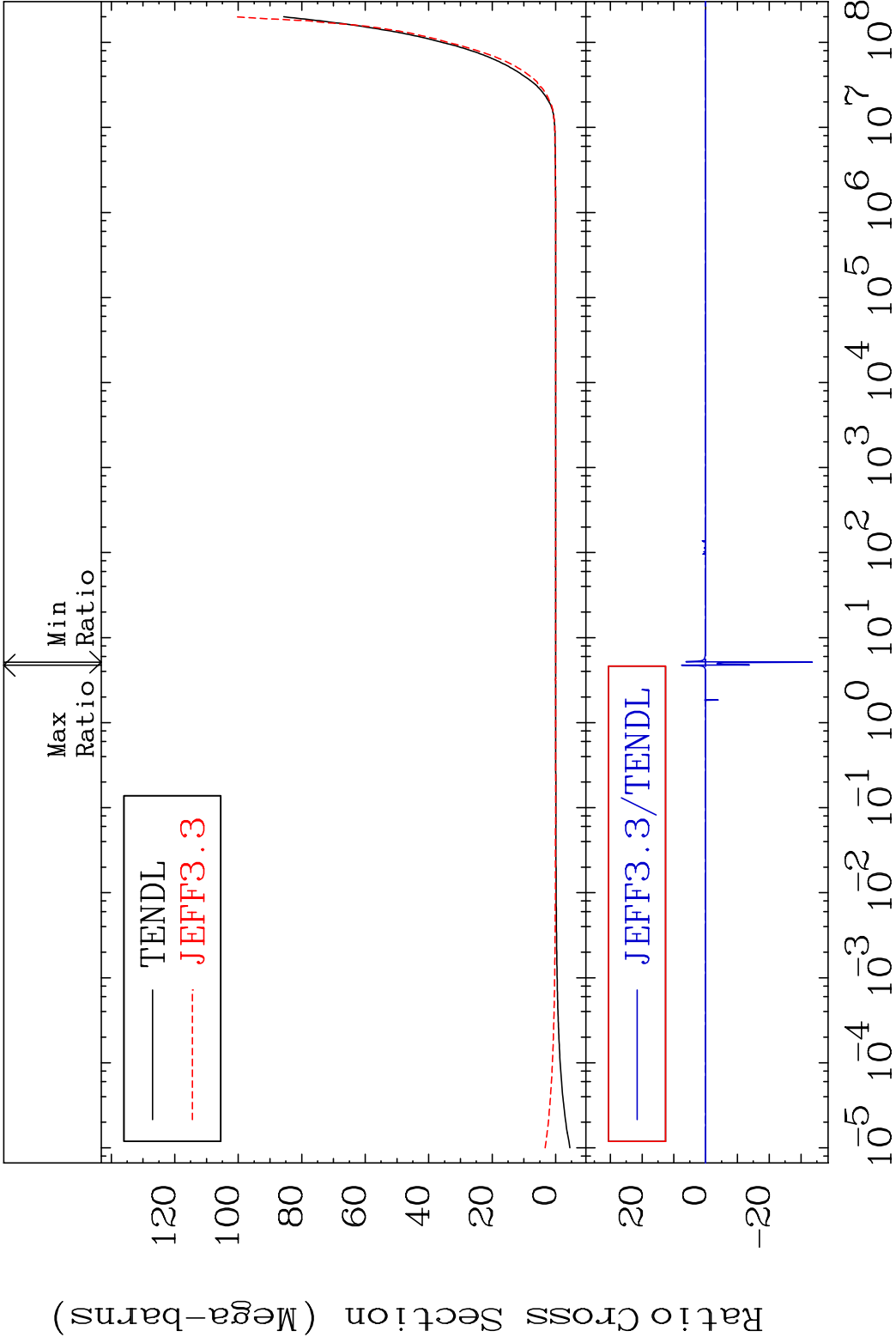


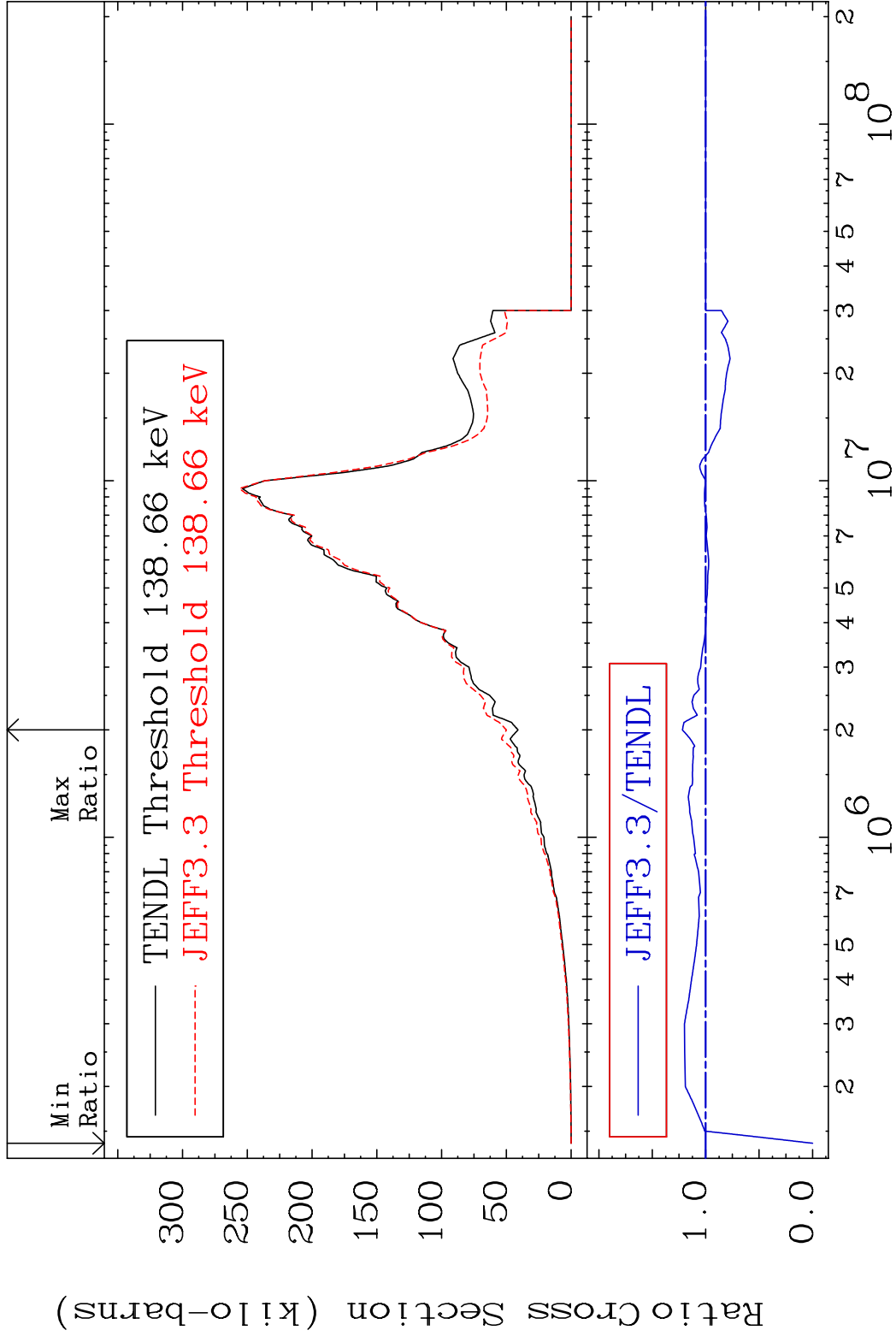


MAT 6625	Kerma elastic	66-Dy-156
	Cross Section	-100.0 To 9999. %

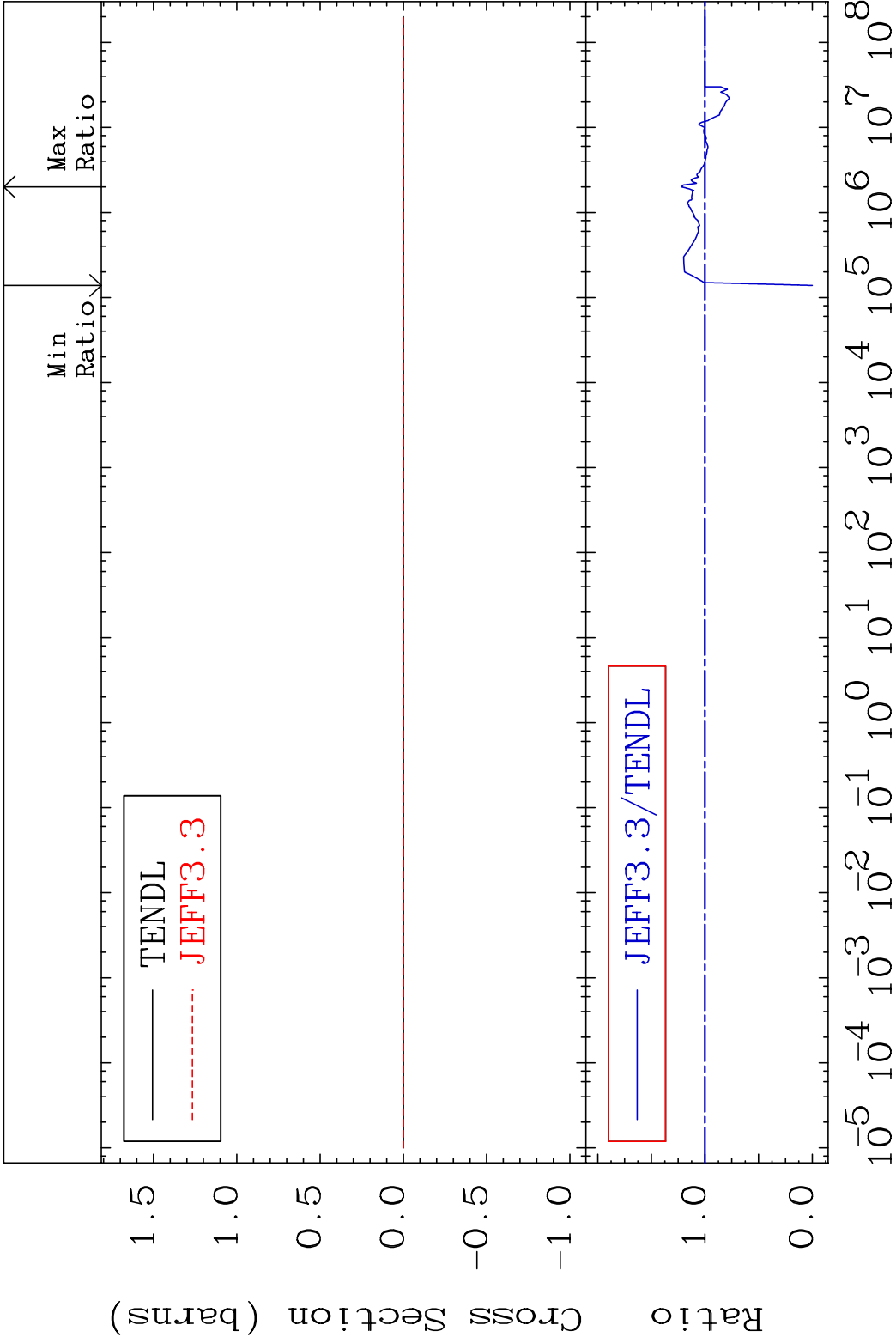


MAT 6625 Kerma non-elastic (all but mt2) 66-Dy-156
Cross Section -9999. To 9999. %

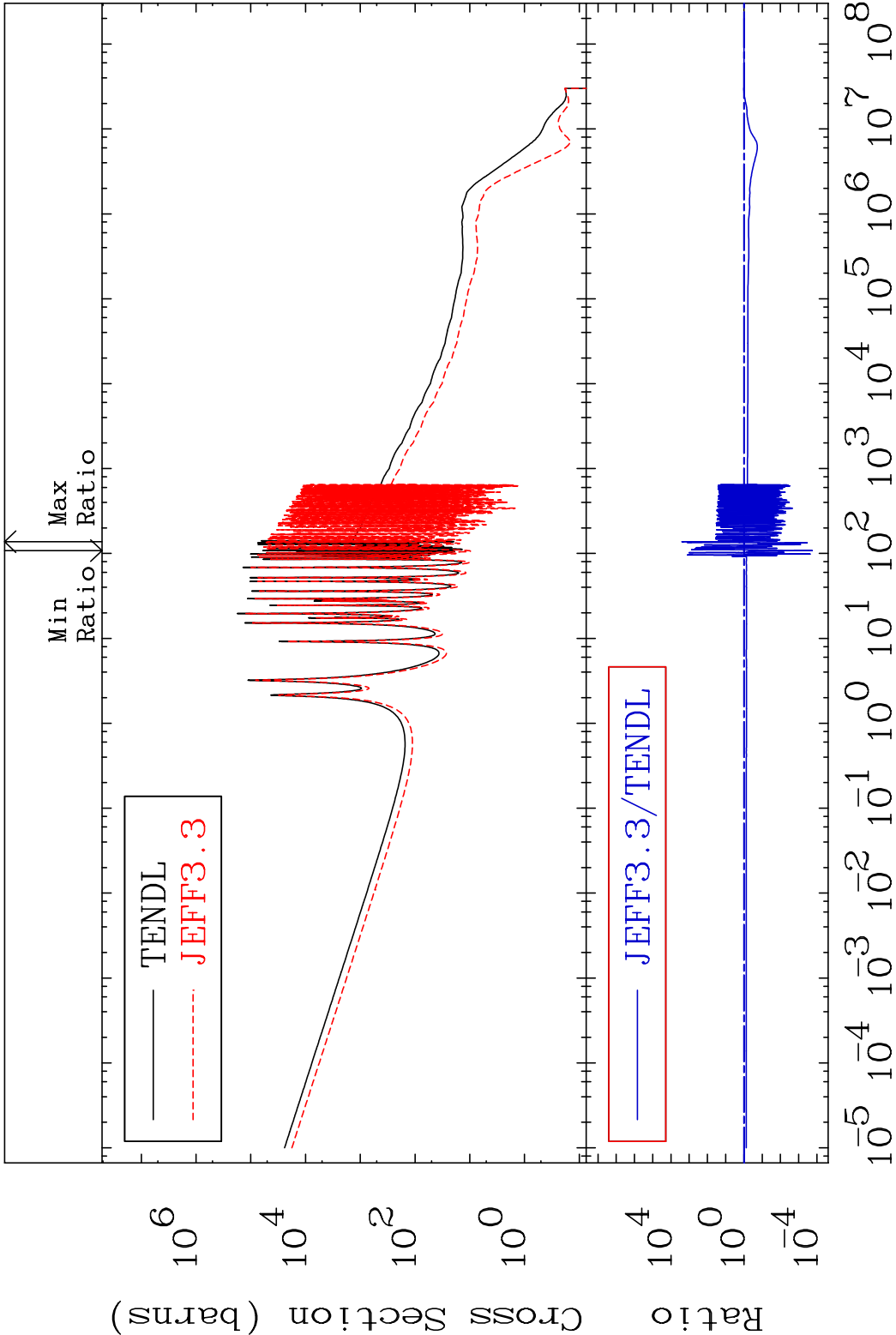




MAT 6625 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-156
Cross Section -100.0 To 21.85 %



MAT 6625 Kerma capture (mt102) 66-Dy-156
Cross Section -99.98 To 9999. %



75 Incident Energy (eV) 66-Dy-156

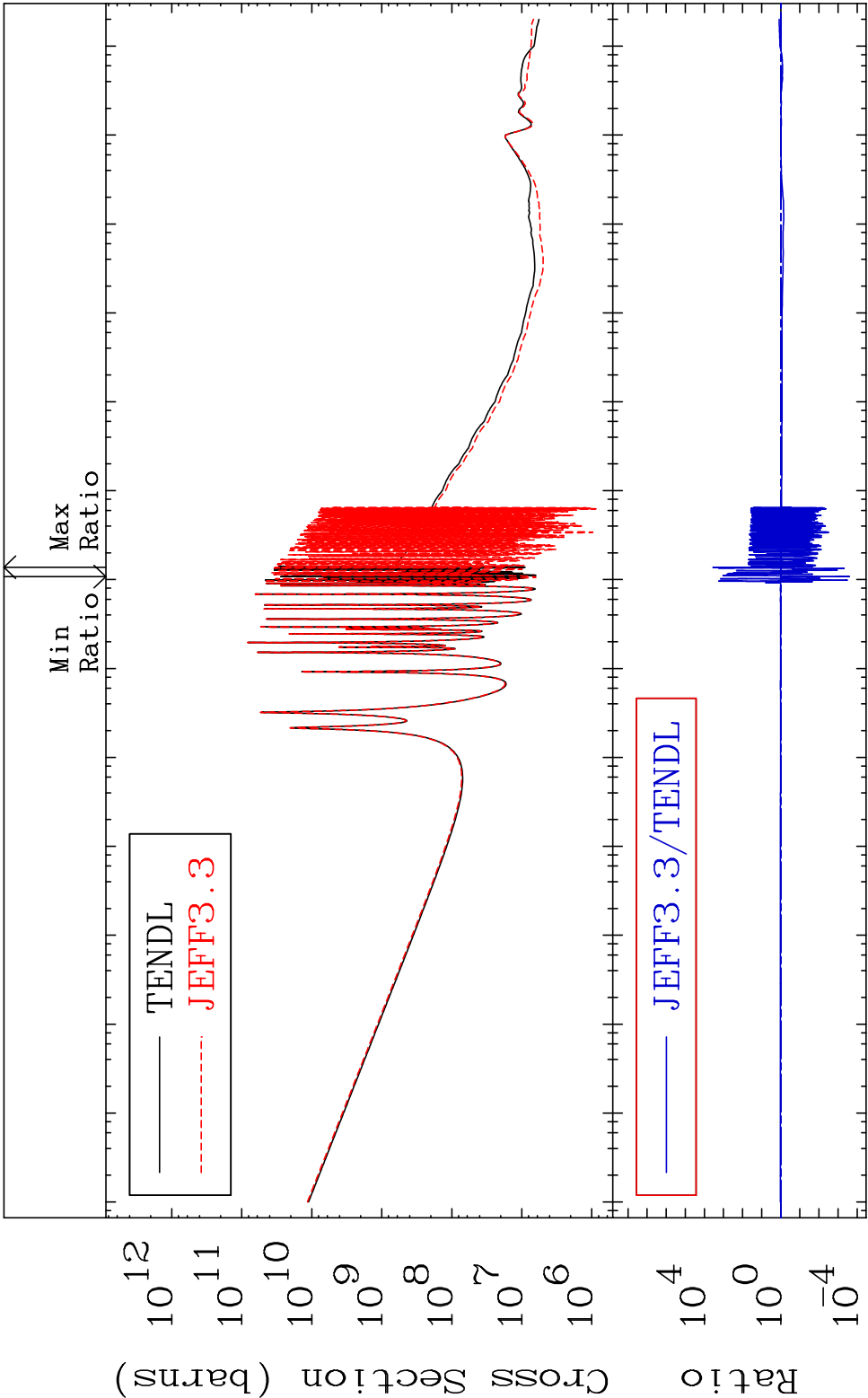
MAT 6625

Total photon (eV-barns)

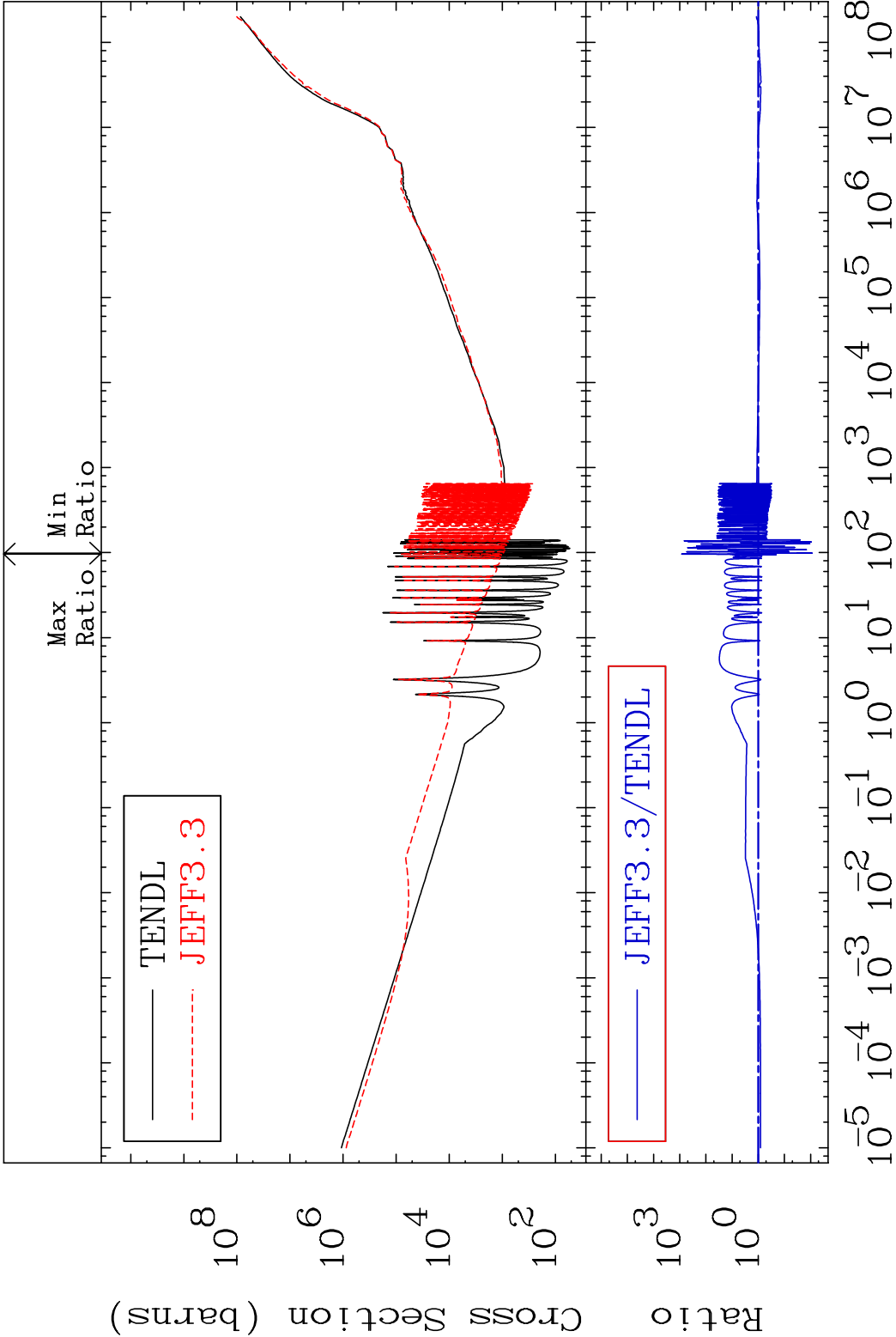
66-Dy-156

Cross Section

-99.97 To 9999. %

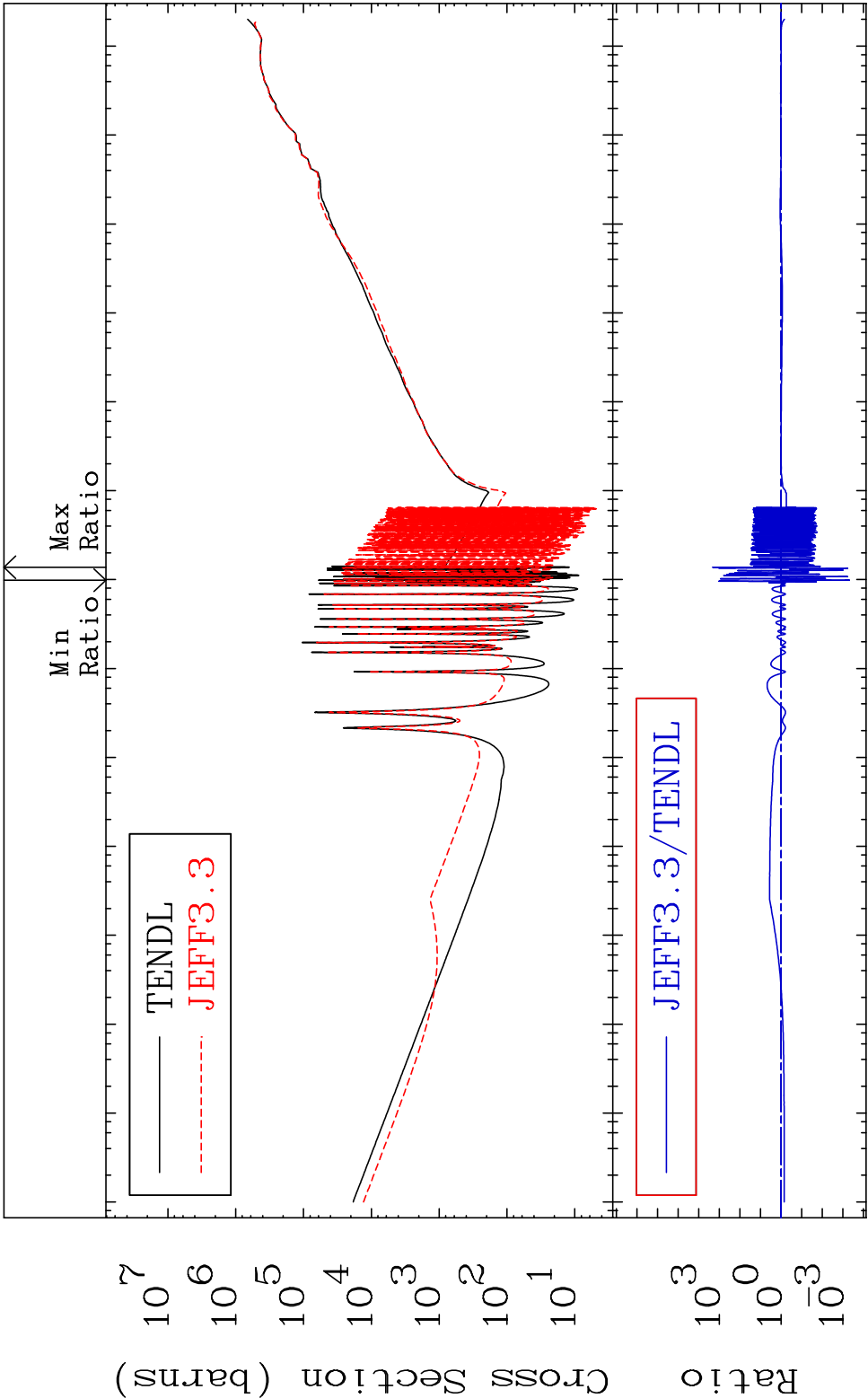


MAT 6625 Total kinematic kerma (high limit) 66-Dy-156
Cross Section -99.13 To 9999. %

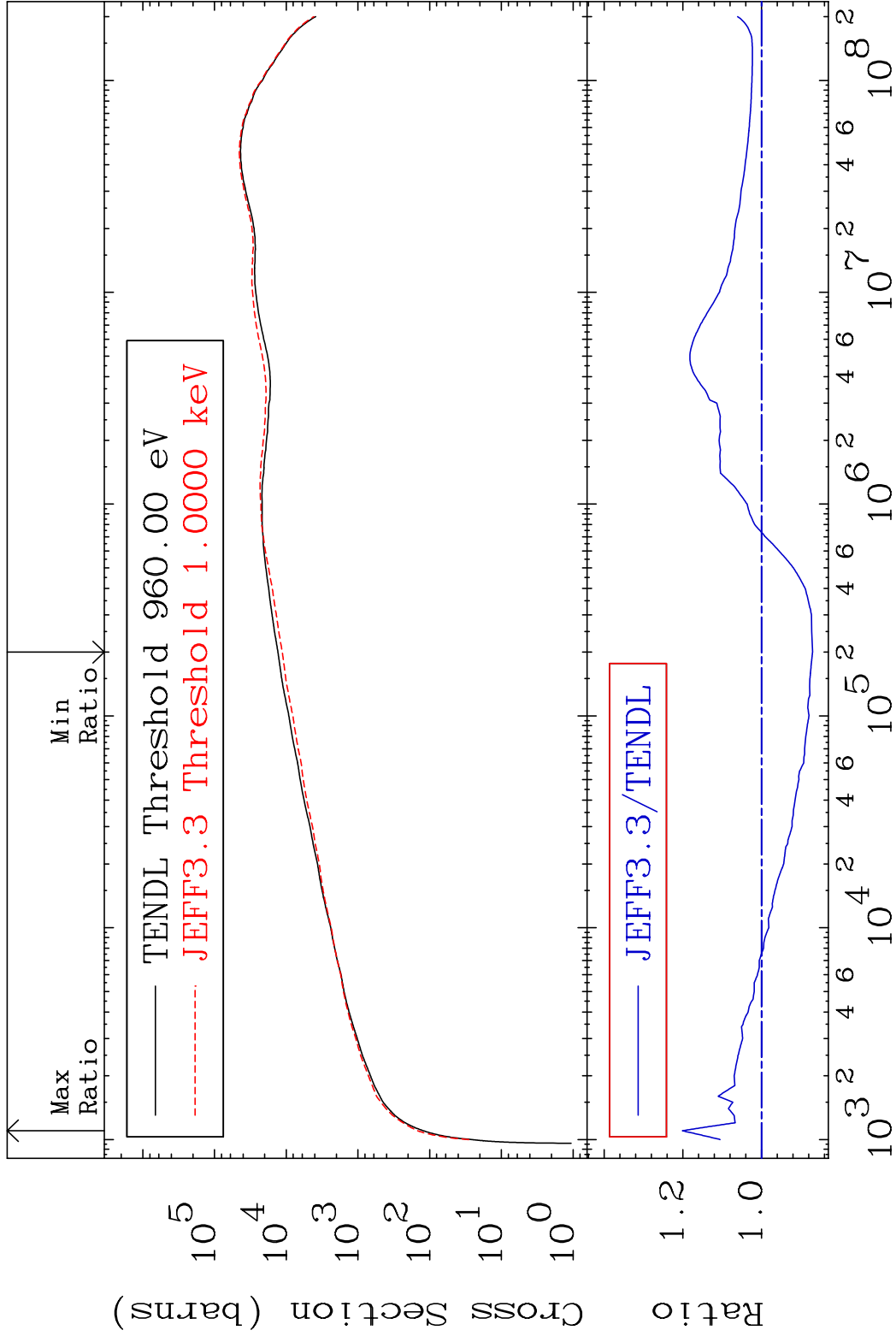


77 Incident Energy (eV) 66-Dy-156

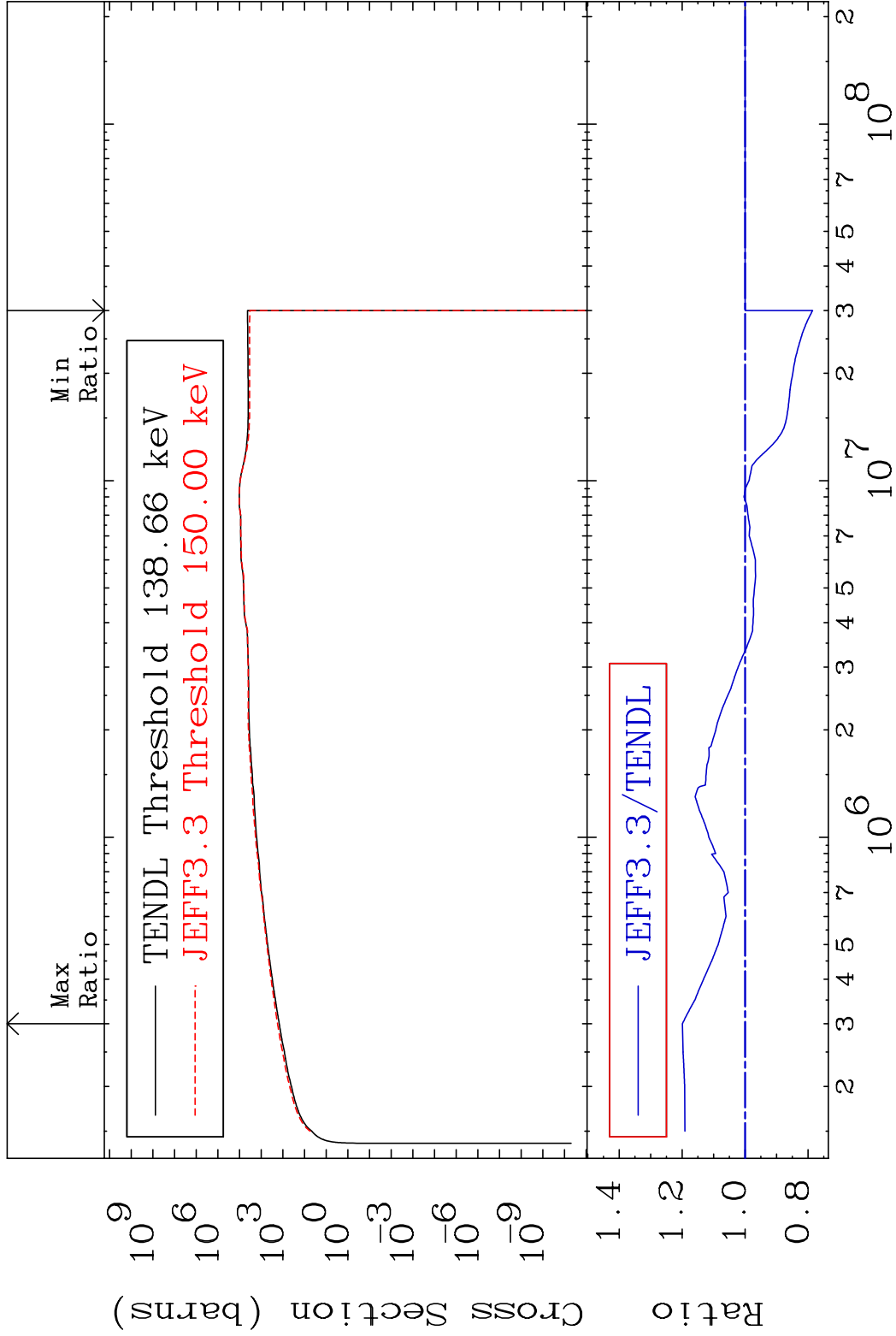
MAT 6625	Dpa total (eV-barns)	66-Dy-156
	Cross Section	-99.95 To 9999. %



MAT 6625 Dpa elastic (mt2) 66-Dy-156
Cross Section -12.99 To 20.12 %



79 Incident Energy (eV) 66-Dy-156



MAT 6625 Dpa disappearance (mt102 -120) 66-Dy-156
Cross Section -99.95 To 9999. %

