

Program Complot
(Version 2021-1)

by

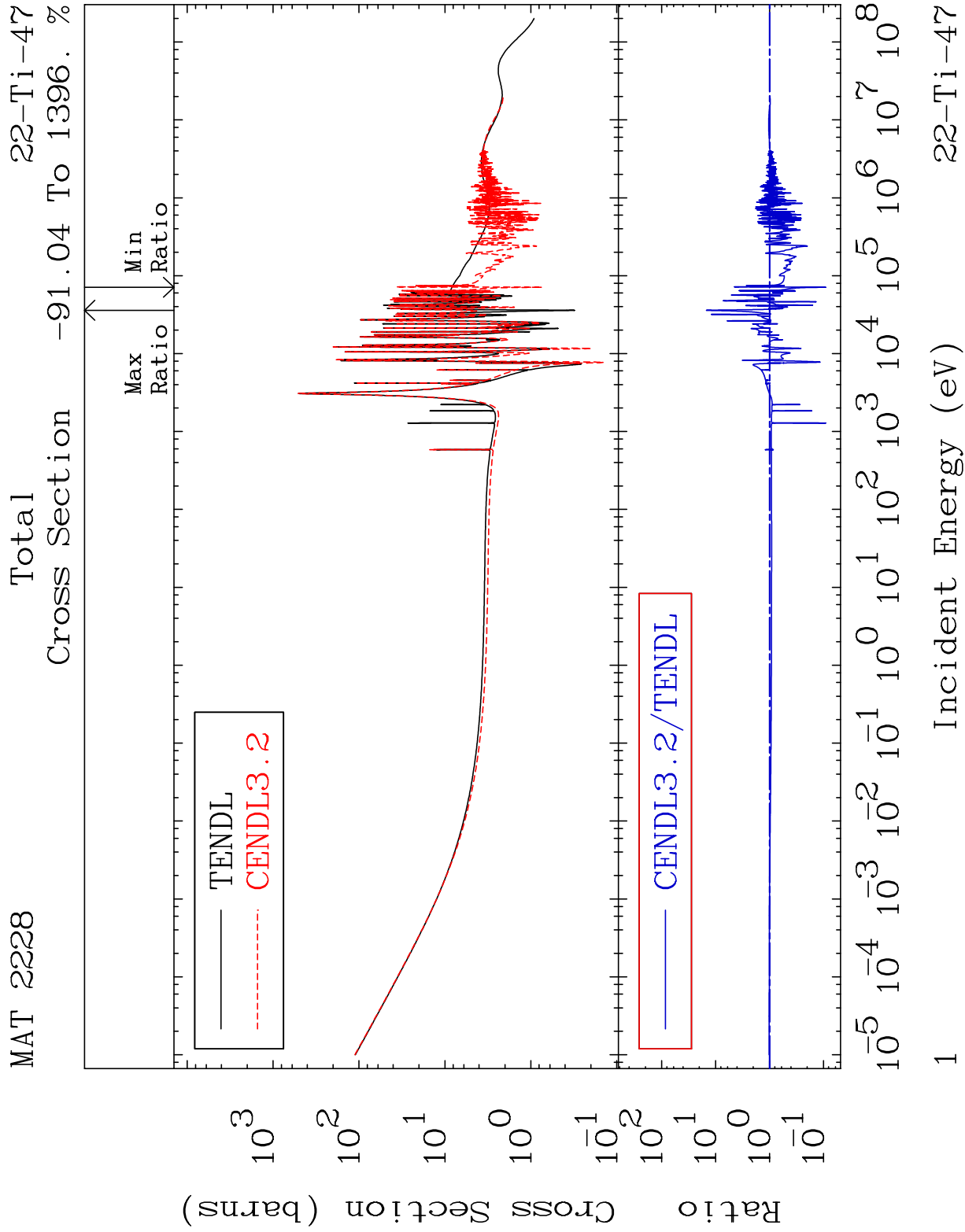
Dermott E. Cullen
(Present Contact Information)

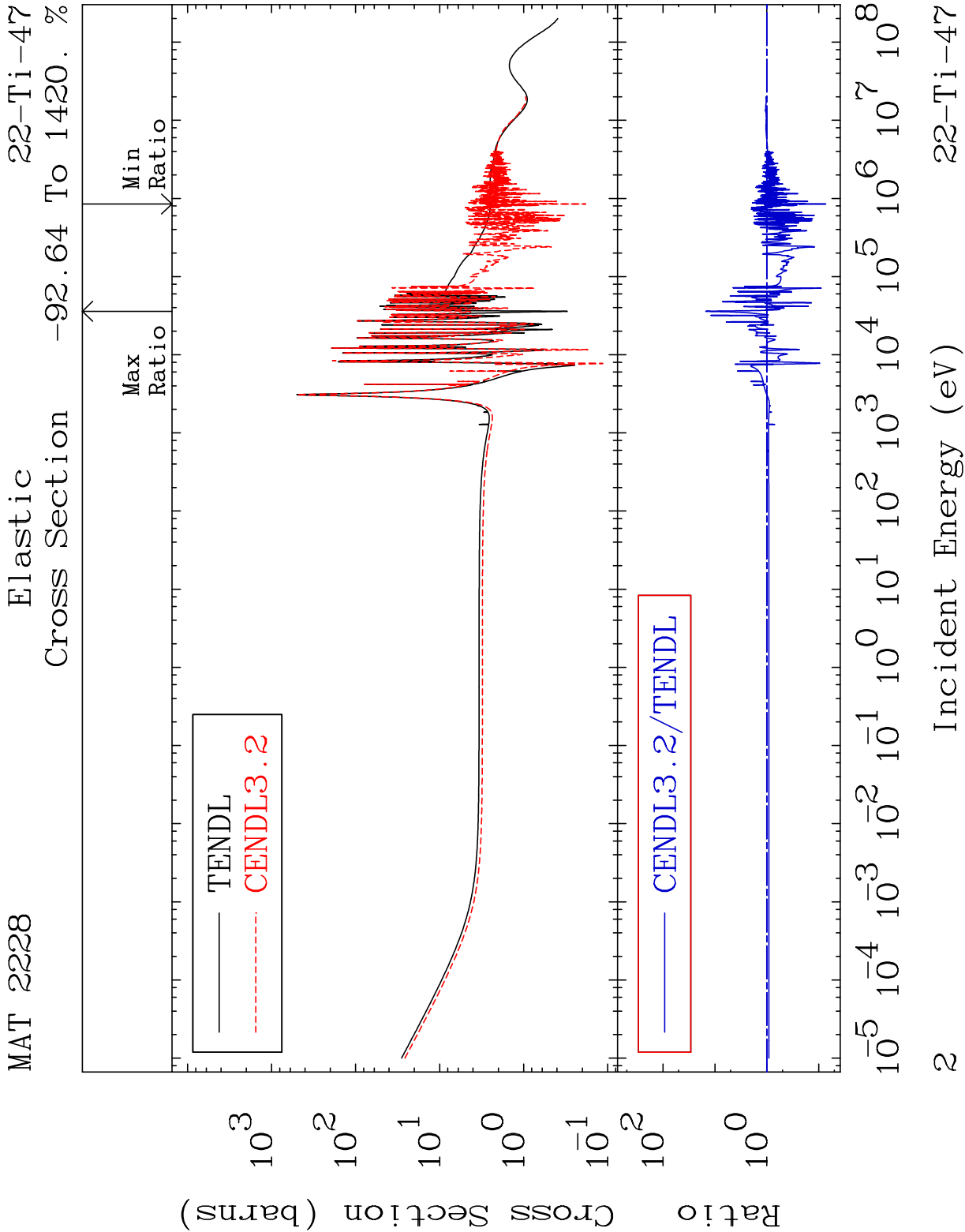
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

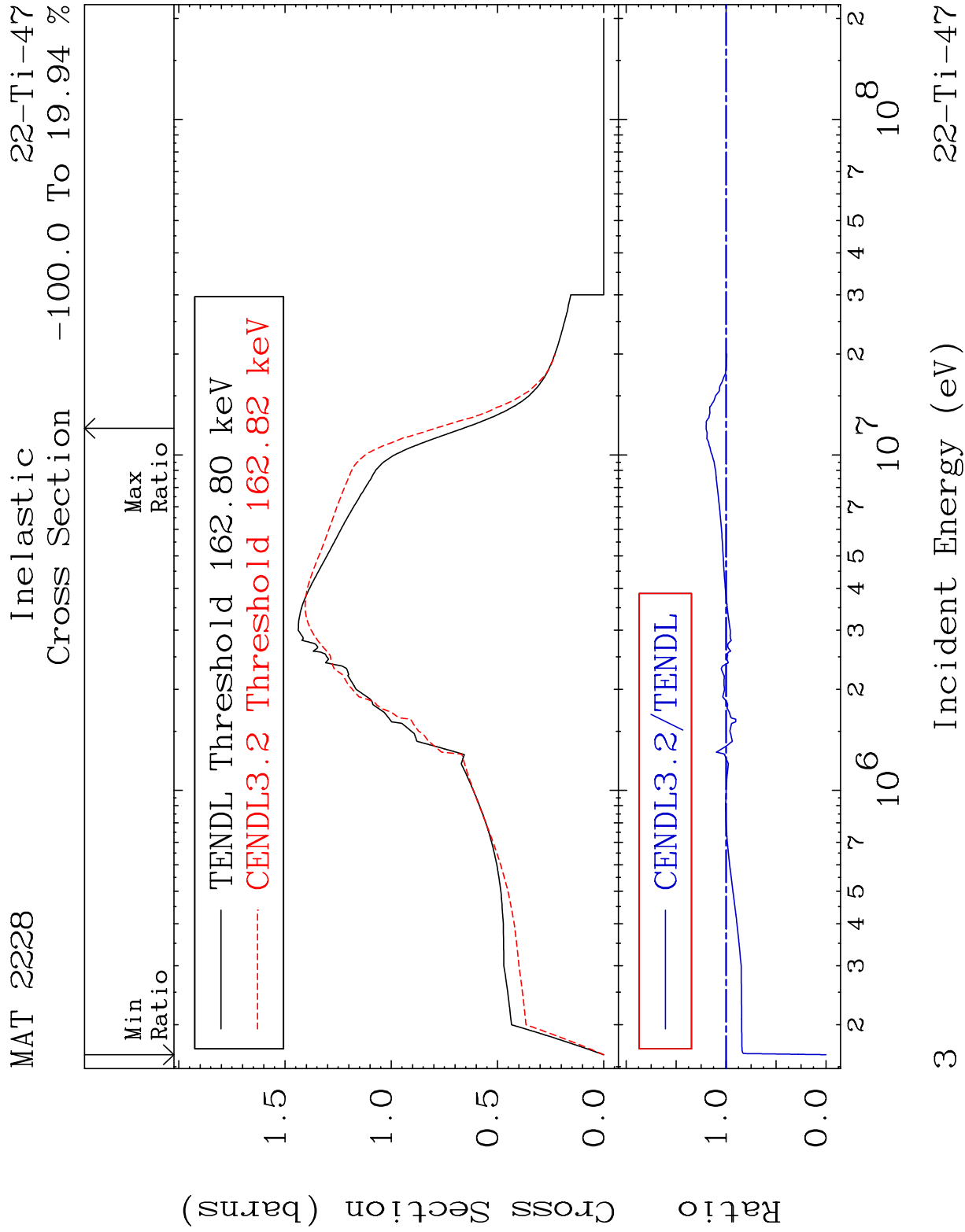
Tele: 925-443-1911

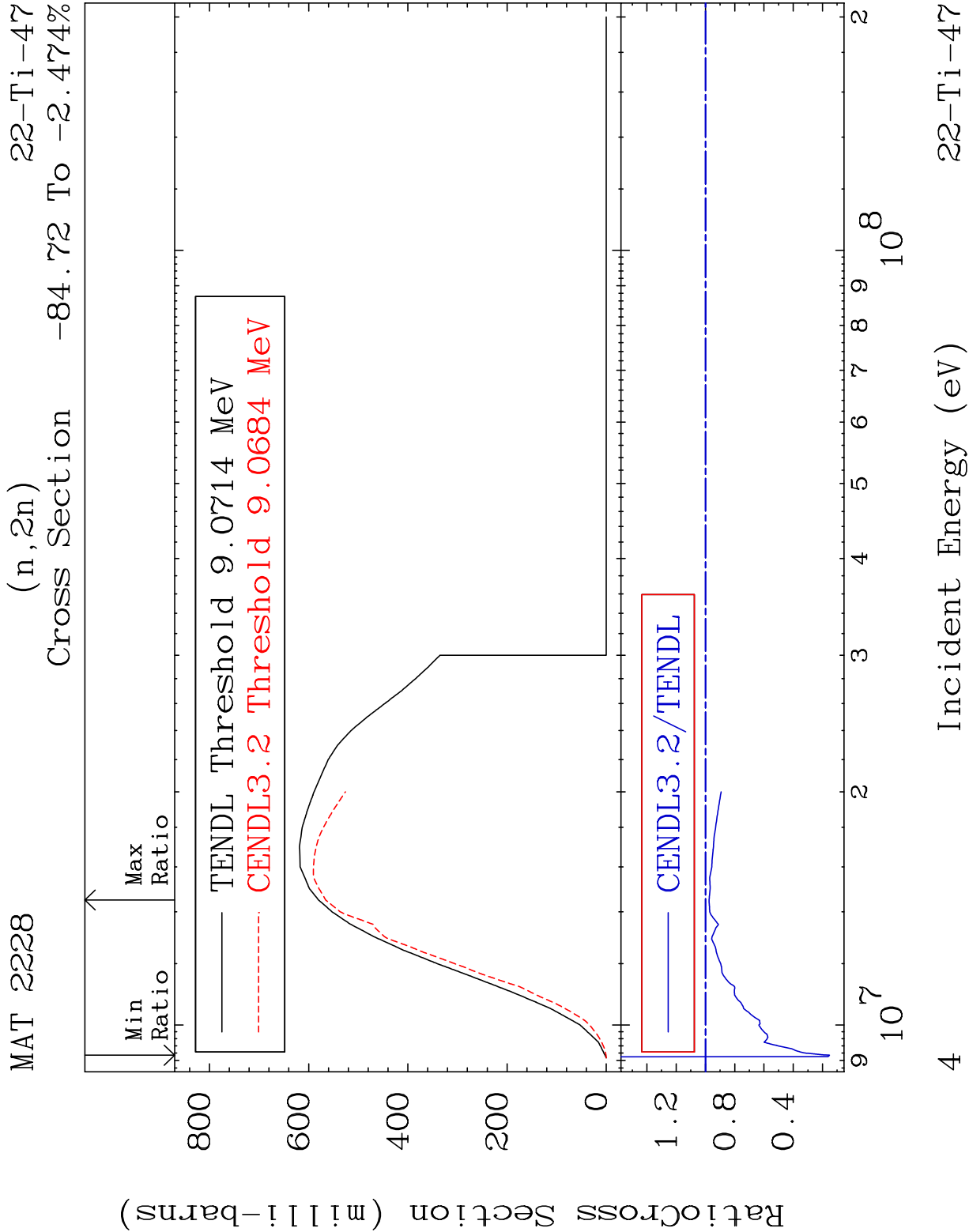
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

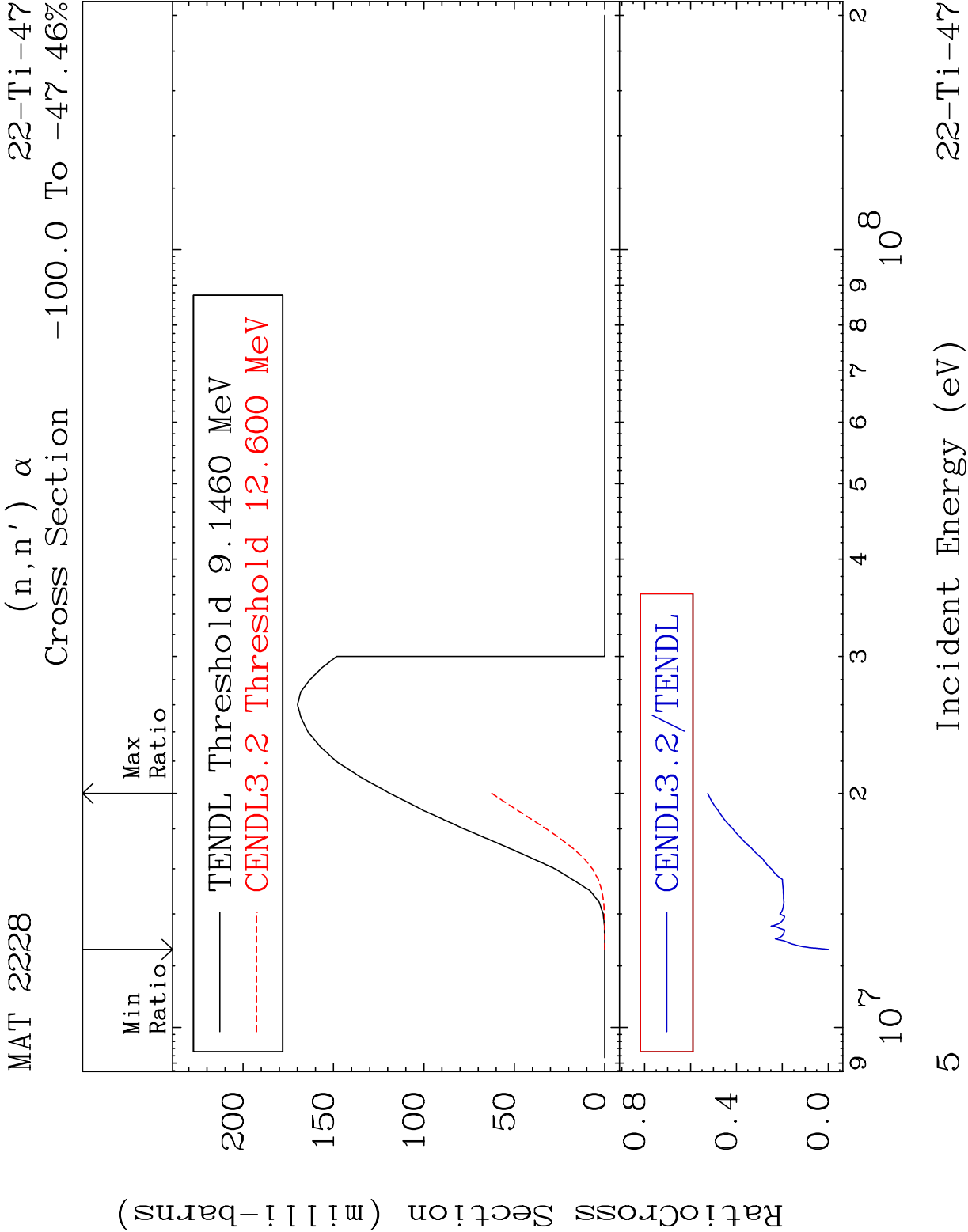
Press Mouse Button to Start

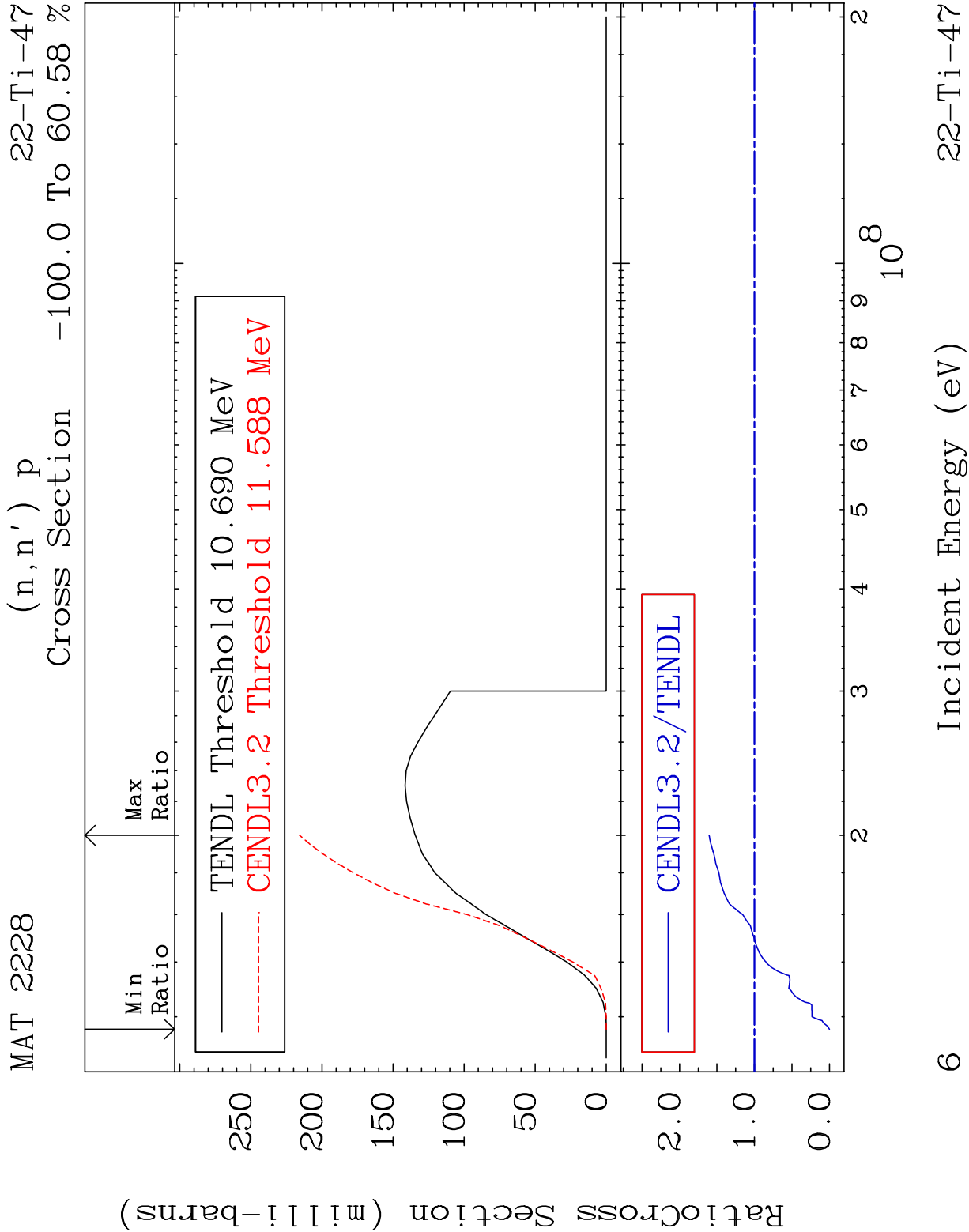


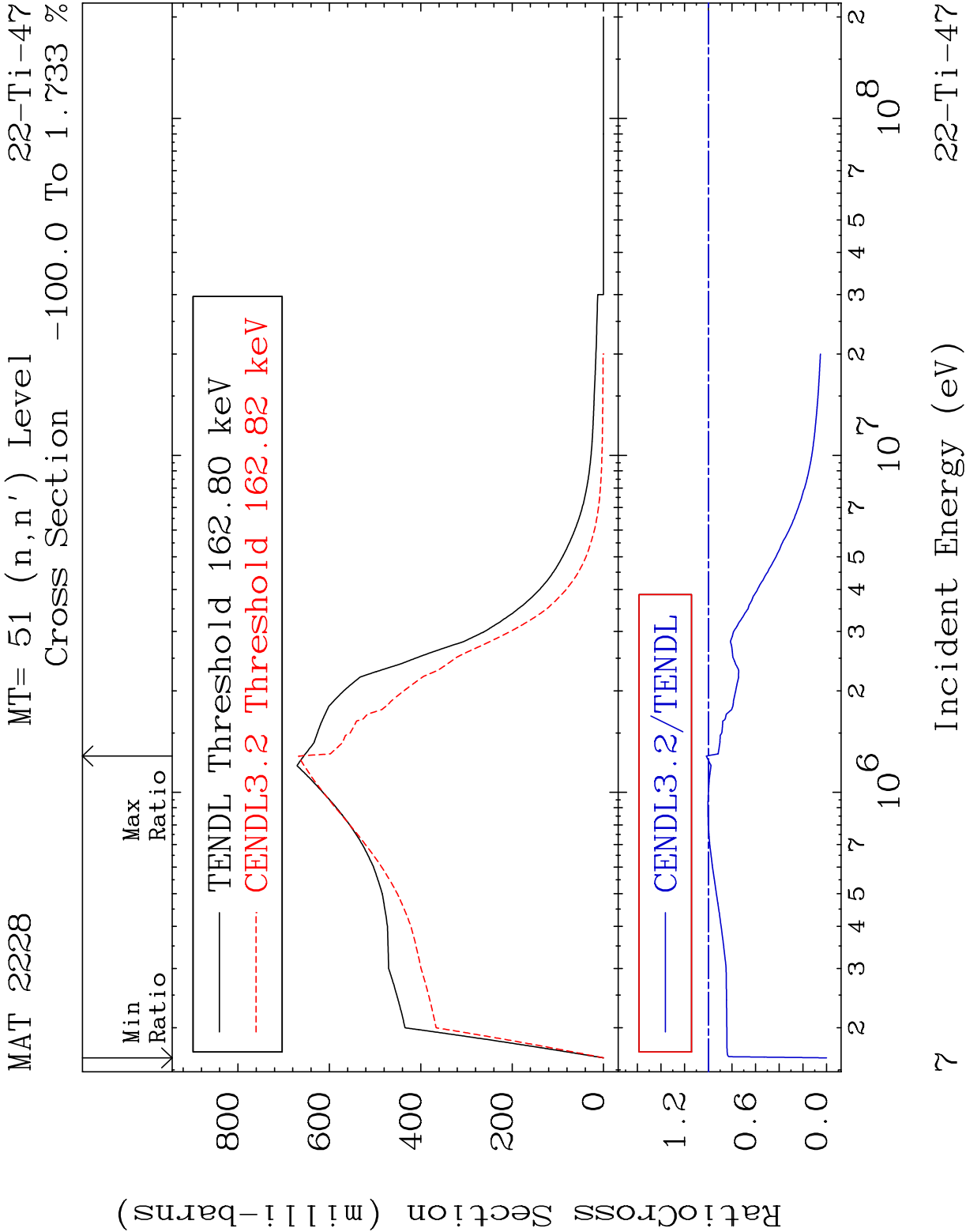




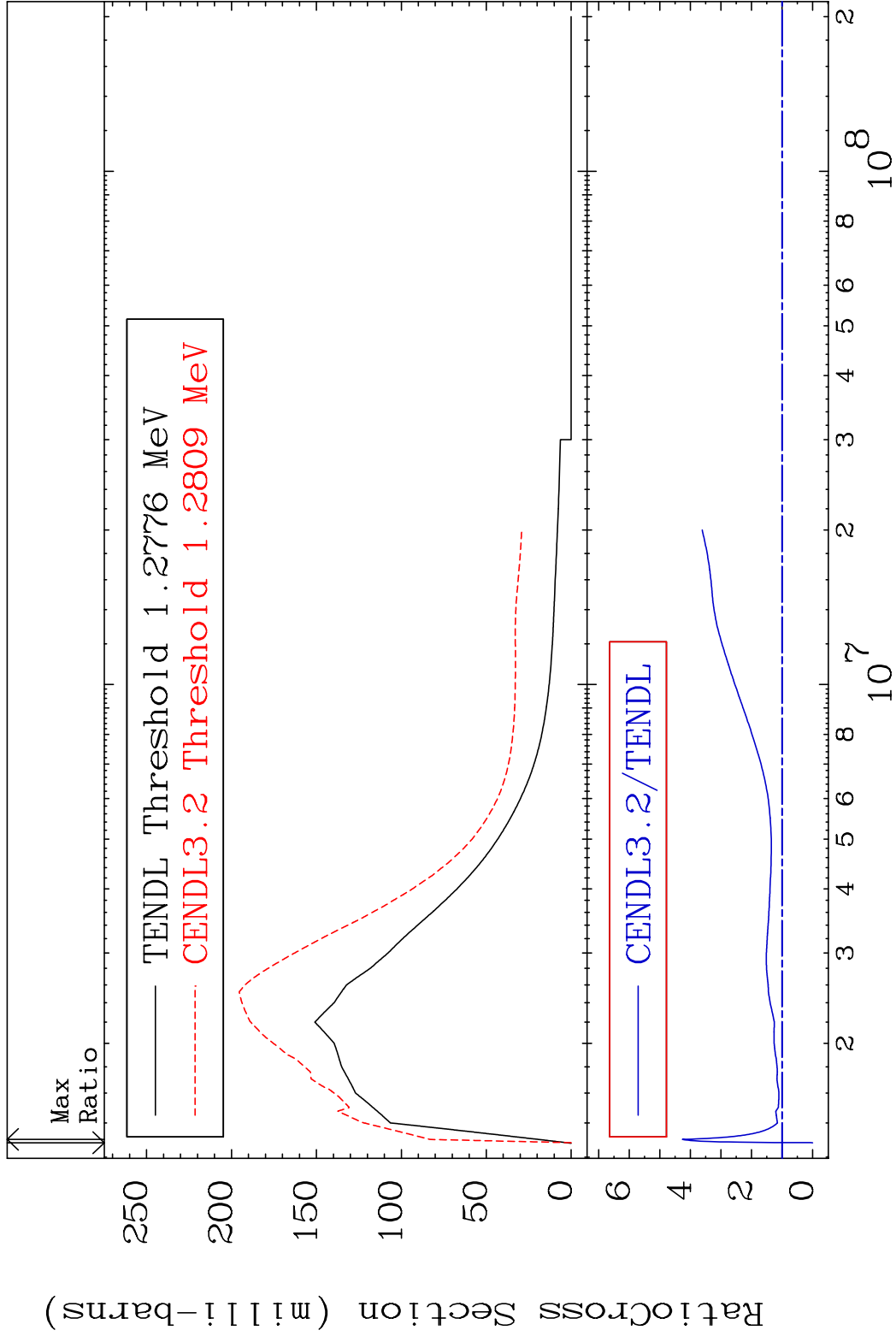


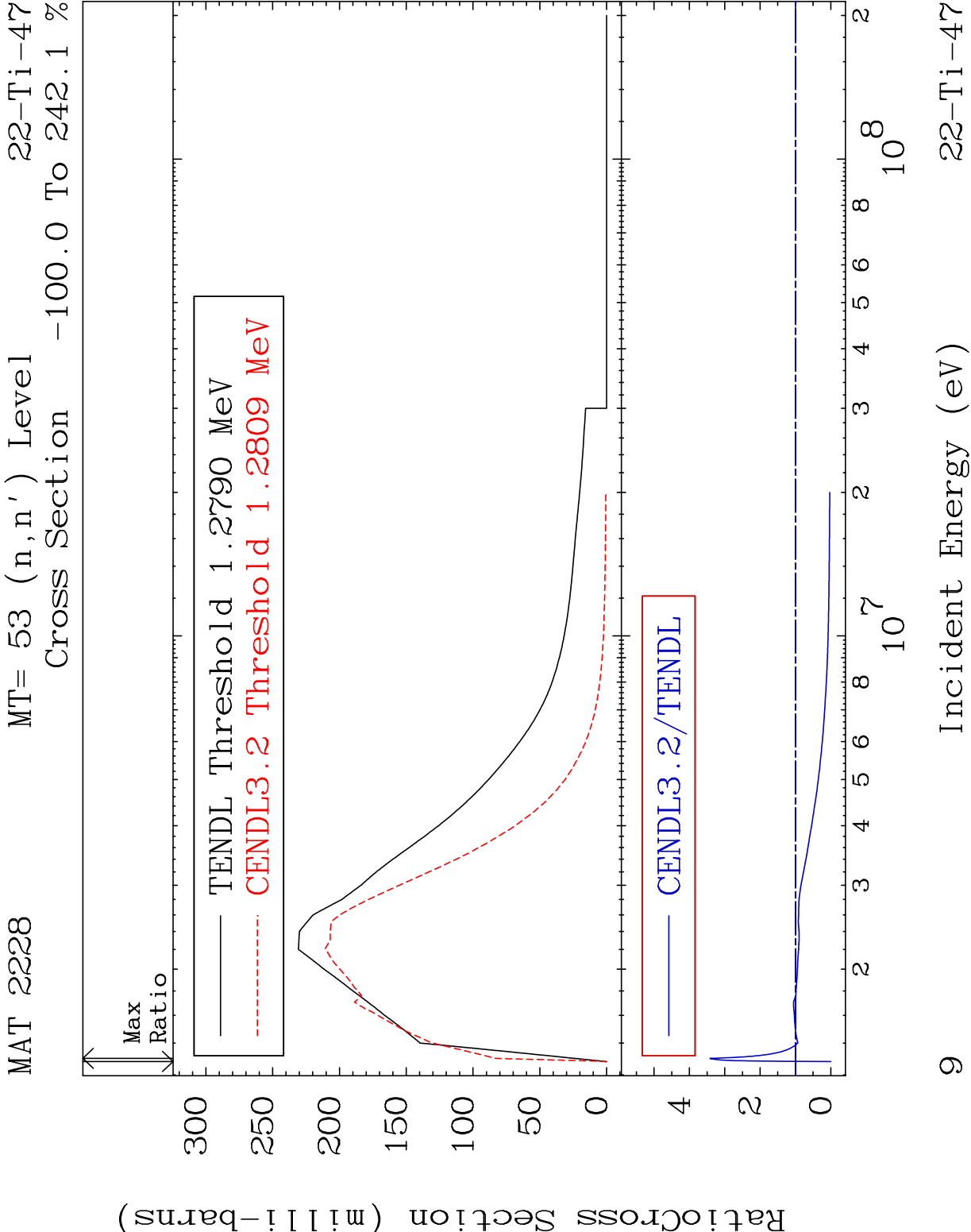


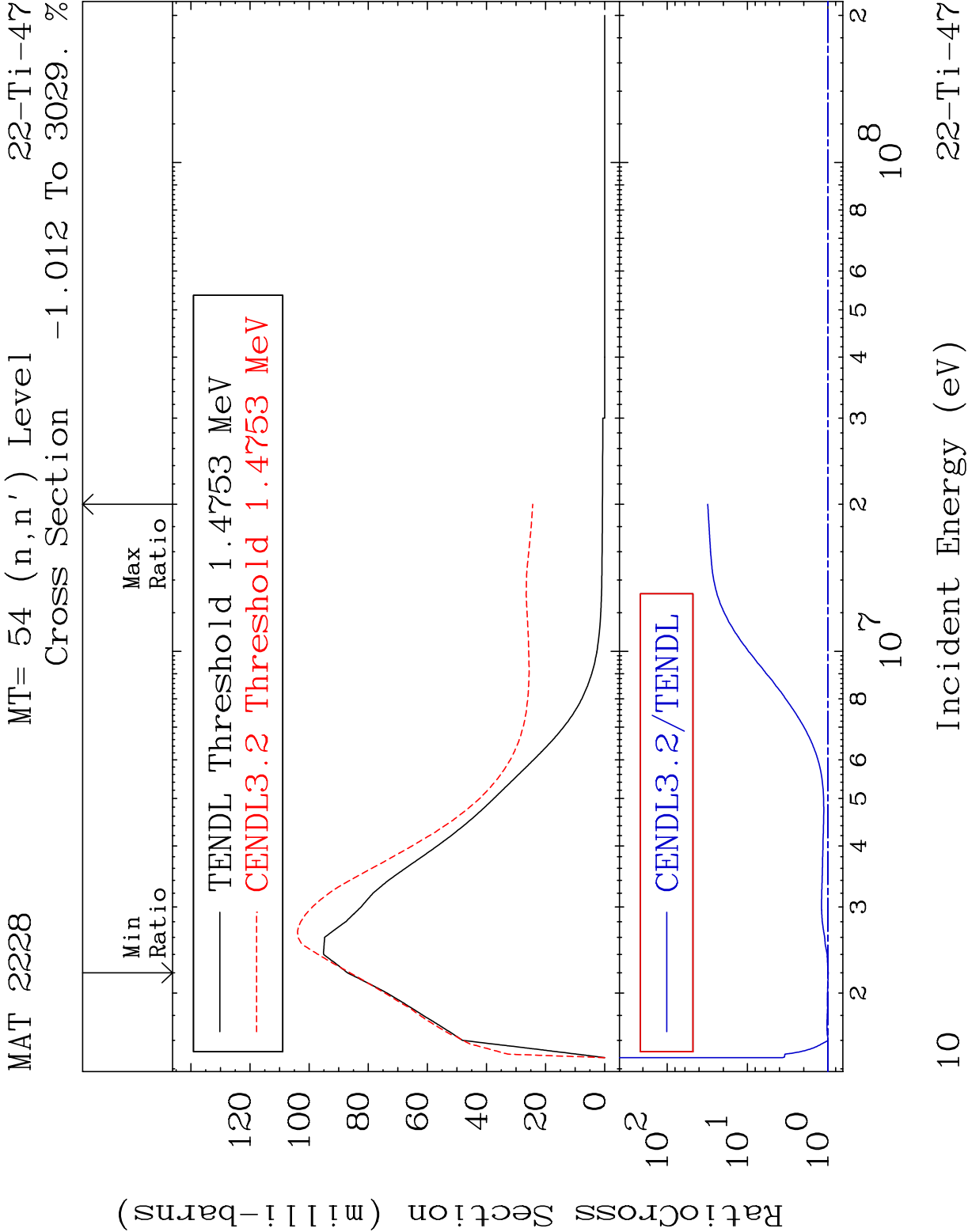




MAT 2228 MT= 52 (n,n') Level 22-Ti-47
Cross Section -100.0 To 326.0 %





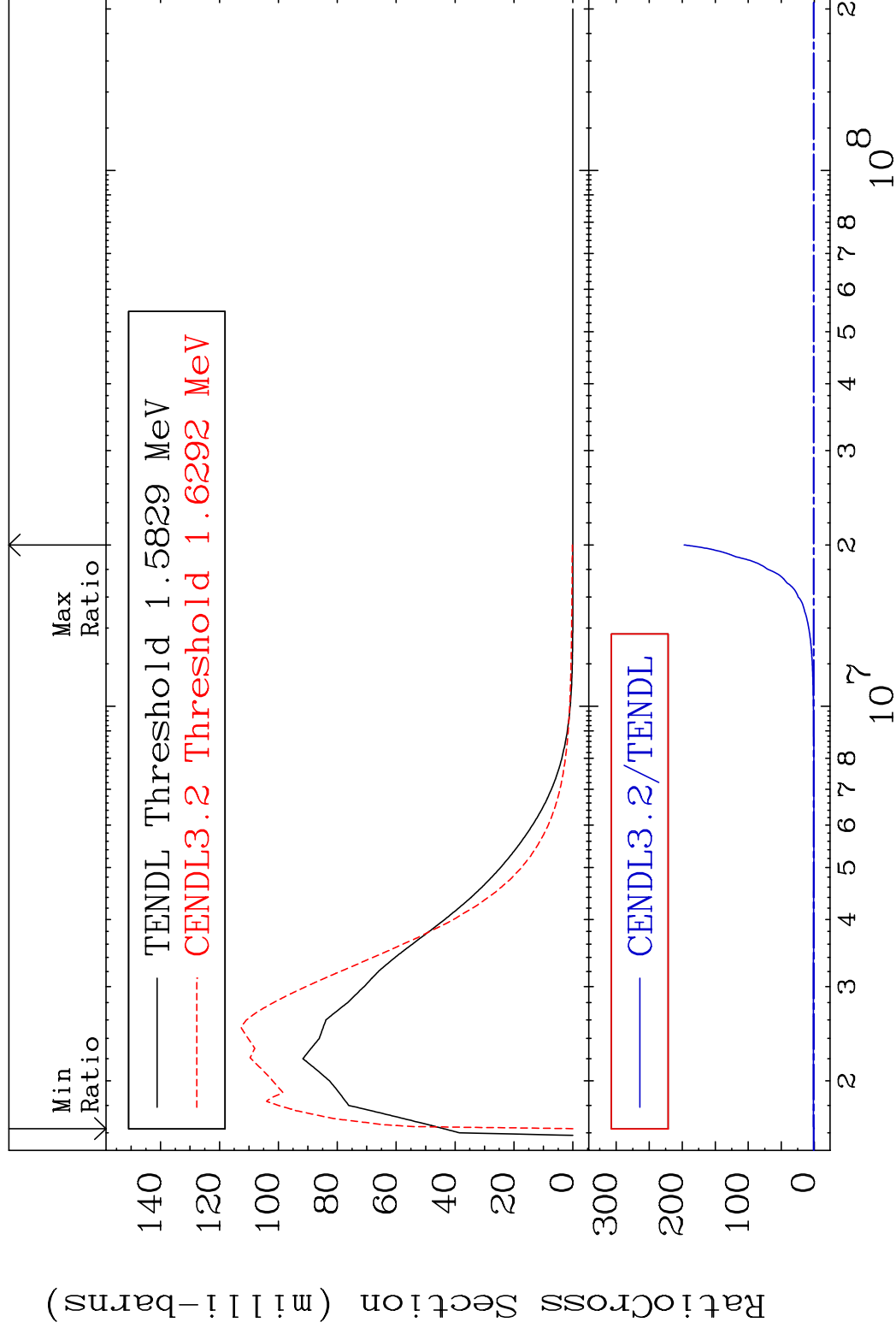


MAT 2228

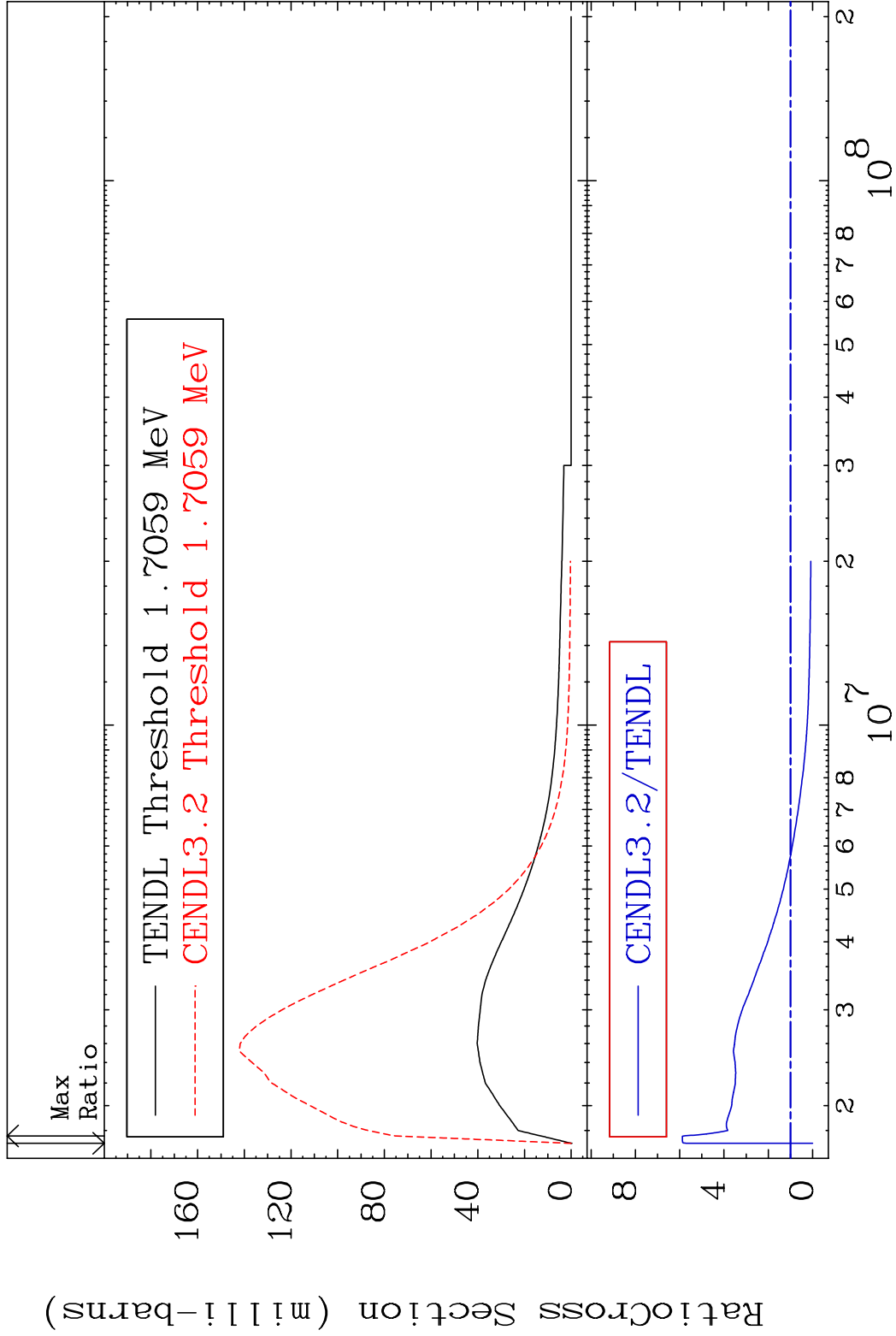
MT= 55 (n, n') Level

22-Ti-47

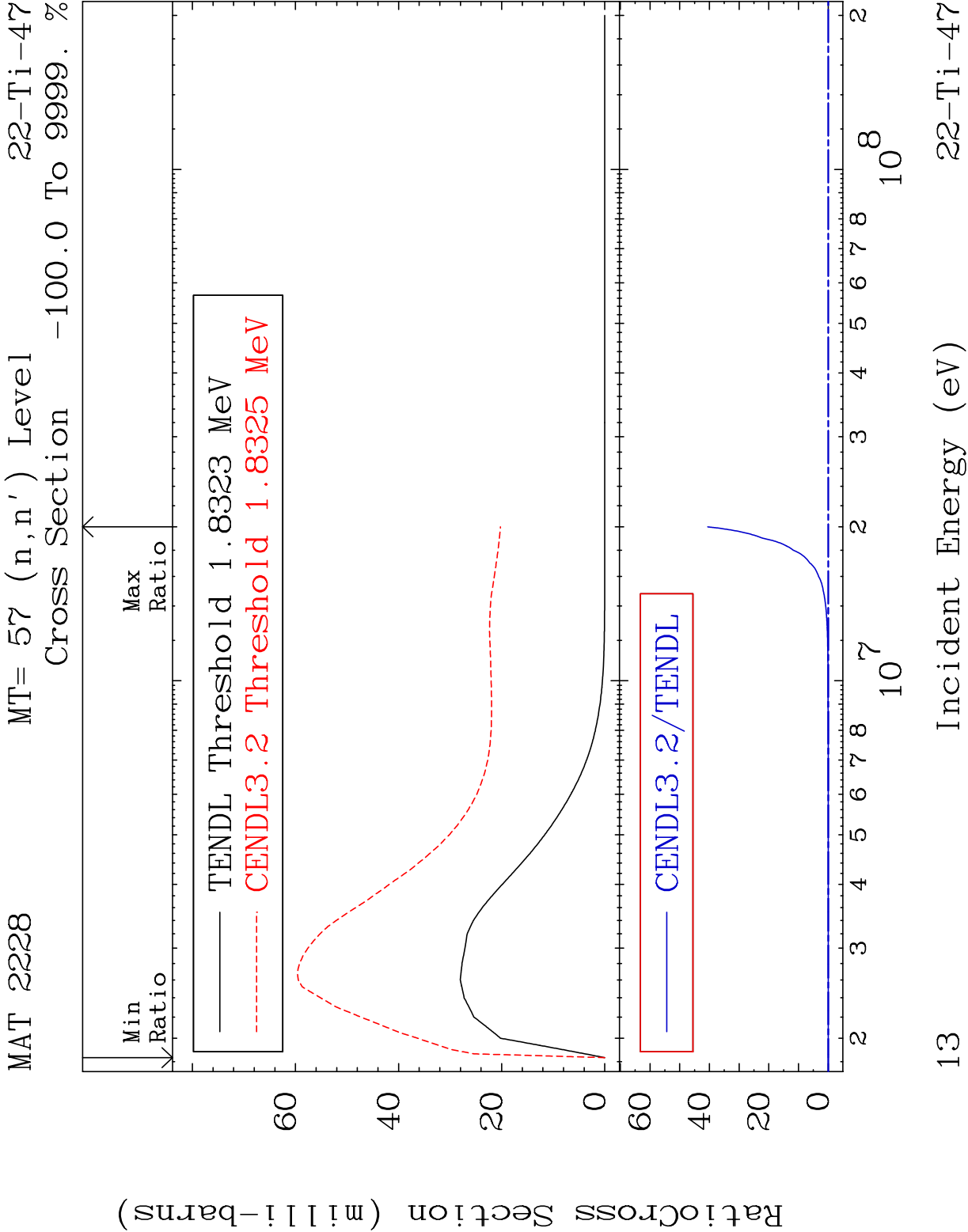
Cross Section -100.0 To 9999. %



MAT 2228 MT= 56 (n,n') Level 22-Ti-47
Cross Section -100.0 To 488.0 %



12 Incident Energy (eV) 22-Ti-47

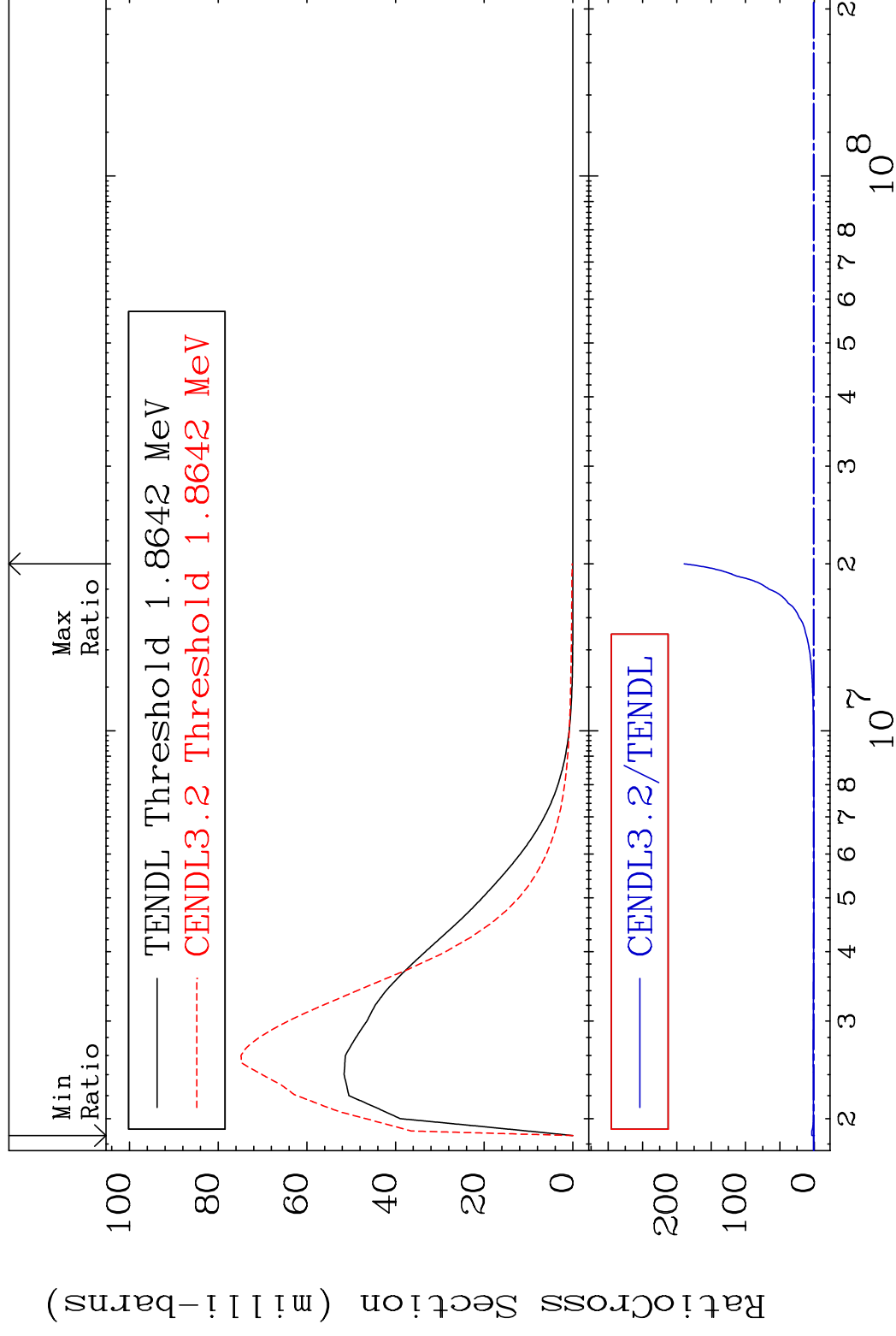


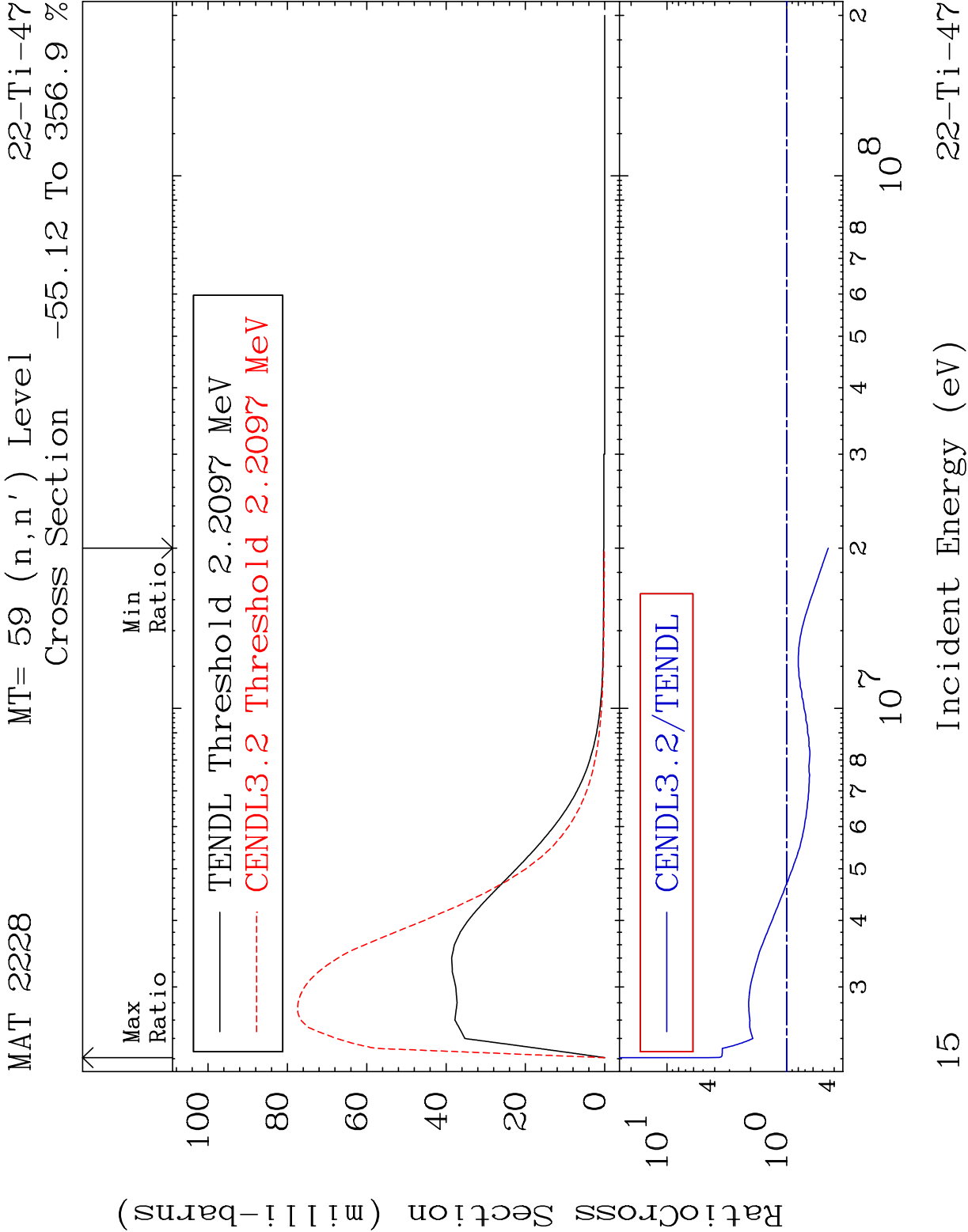
MAT 2228

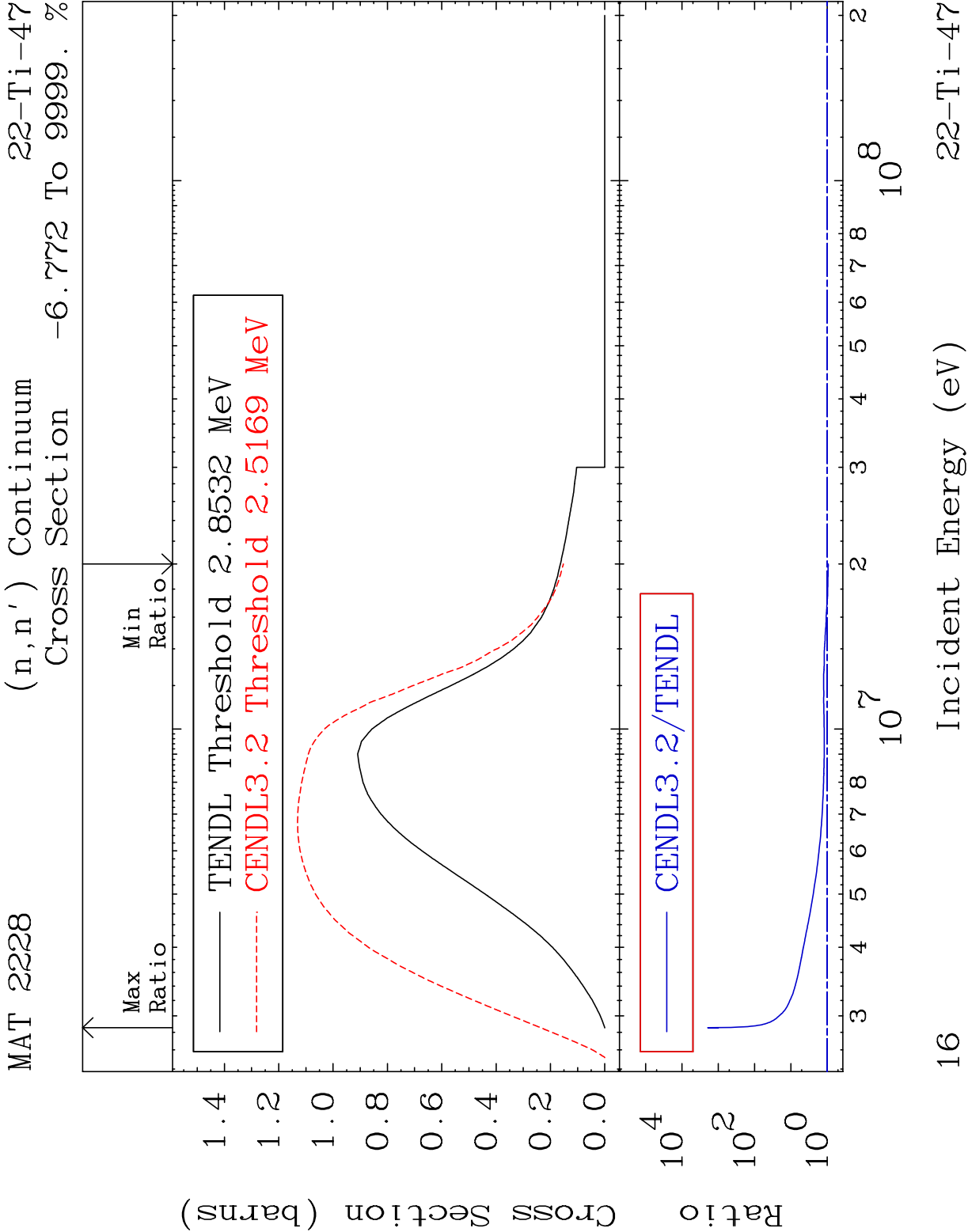
MT= 58 (n, n') Level

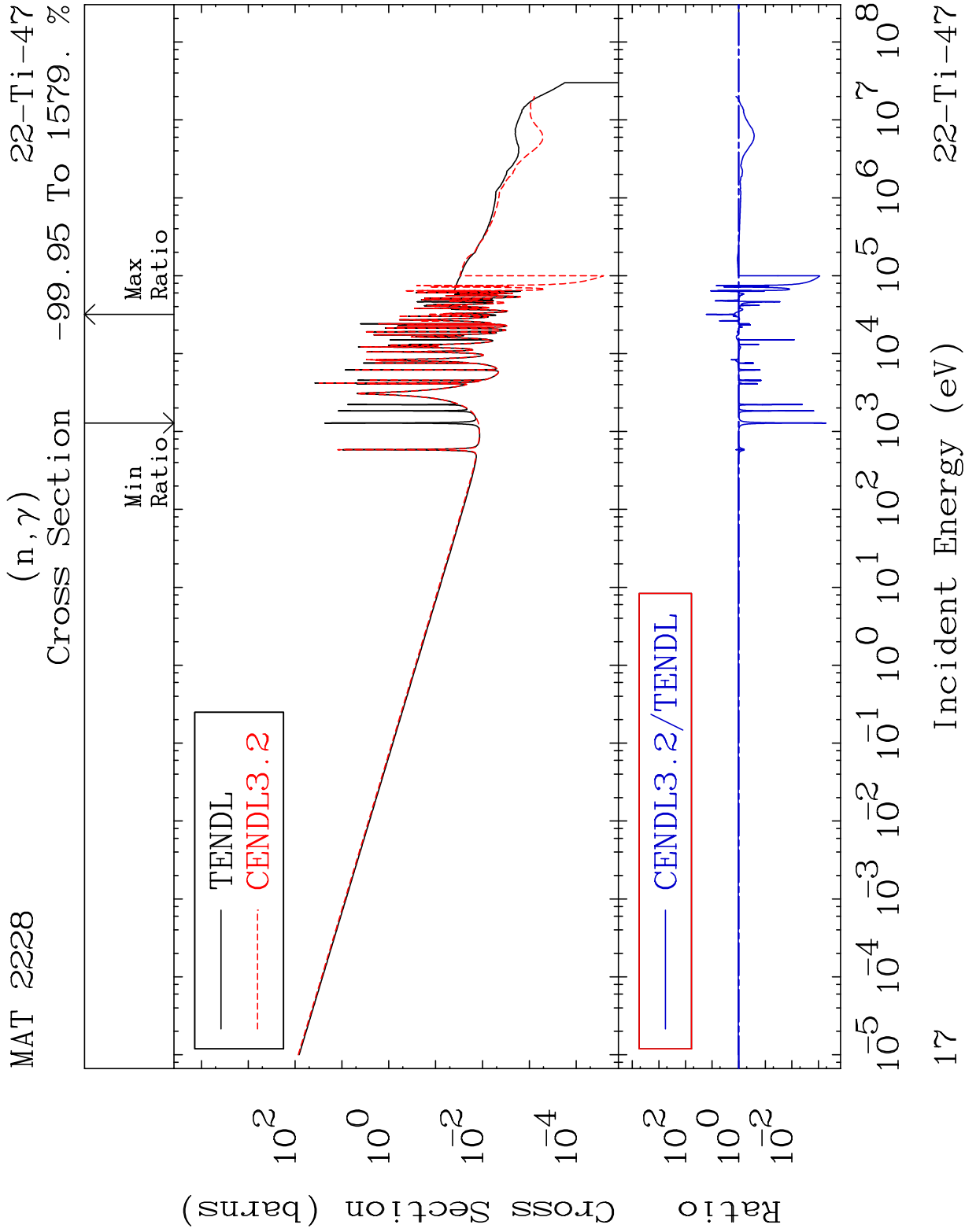
22-Ti-47

Cross Section	-100.0 To 9999. %
1	100.0
2	100.0
3	100.0
4	100.0
5	100.0
6	100.0
7	100.0
8	100.0
9	100.0
10	100.0
11	100.0
12	100.0
13	100.0
14	100.0
15	100.0
16	100.0
17	100.0
18	100.0
19	100.0
20	100.0
21	100.0
22	100.0
23	100.0
24	100.0
25	100.0
26	100.0
27	100.0
28	100.0
29	100.0
30	100.0
31	100.0
32	100.0
33	100.0
34	100.0
35	100.0
36	100.0
37	100.0
38	100.0
39	100.0
40	100.0
41	100.0
42	100.0
43	100.0
44	100.0
45	100.0
46	100.0
47	100.0
48	100.0
49	100.0
50	100.0
51	100.0
52	100.0
53	100.0
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55	100.0
56	100.0
57	100.0
58	100.0
59	100.0
60	100.0
61	100.0
62	100.0
63	100.0
64	100.0
65	100.0
66	100.0
67	100.0
68	100.0
69	100.0
70	100.0
71	100.0
72	100.0
73	100.0
74	100.0
75	100.0
76	100.0
77	100.0
78	100.0
79	100.0
80	100.0
81	100.0
82	100.0
83	100.0
84	100.0
85	100.0
86	100.0
87	100.0
88	100.0
89	100.0
90	100.0
91	100.0
92	100.0
93	100.0
94	100.0
95	100.0
96	100.0
97	100.0
98	100.0
99	100.0
100	100.0







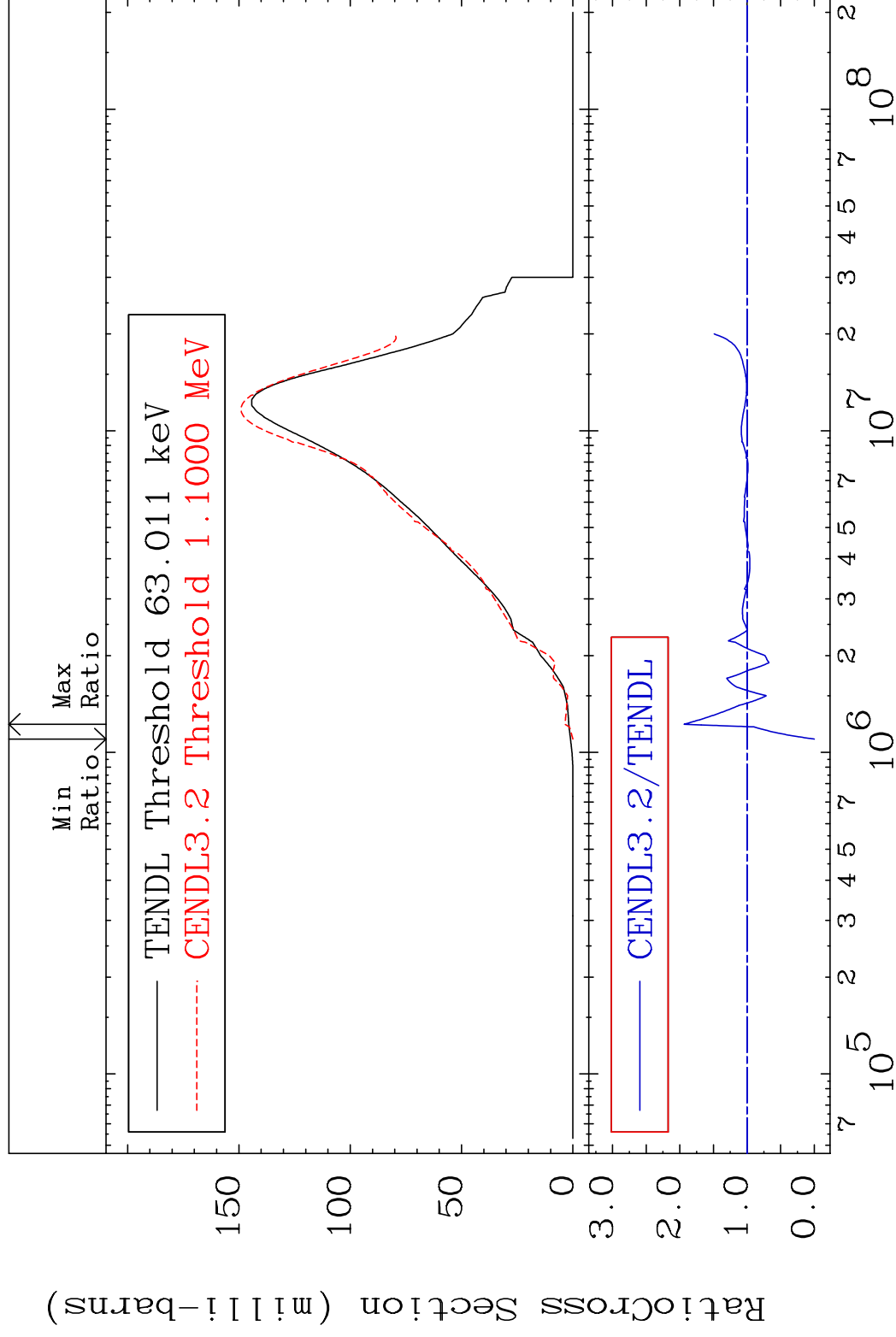


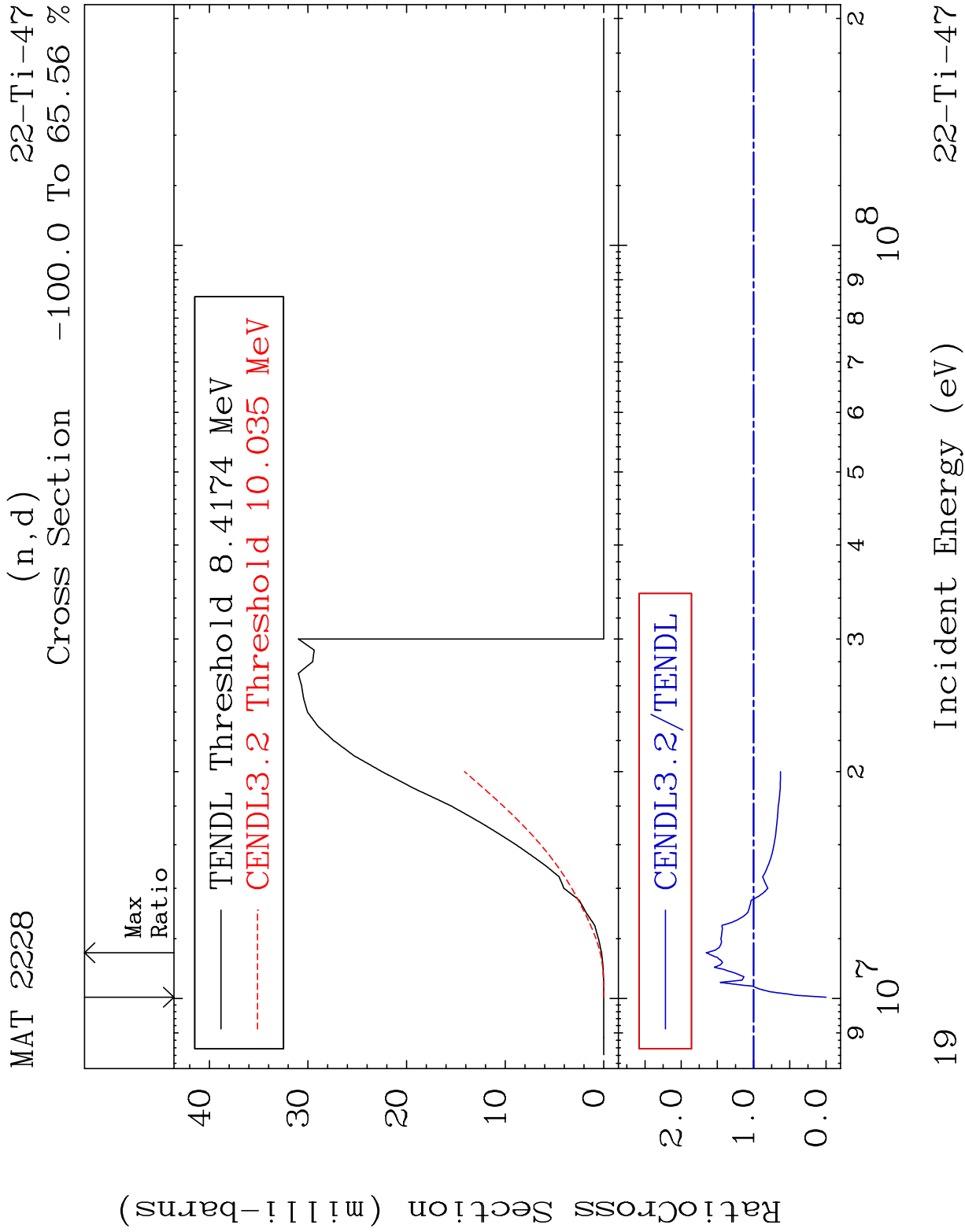
MAT 2228

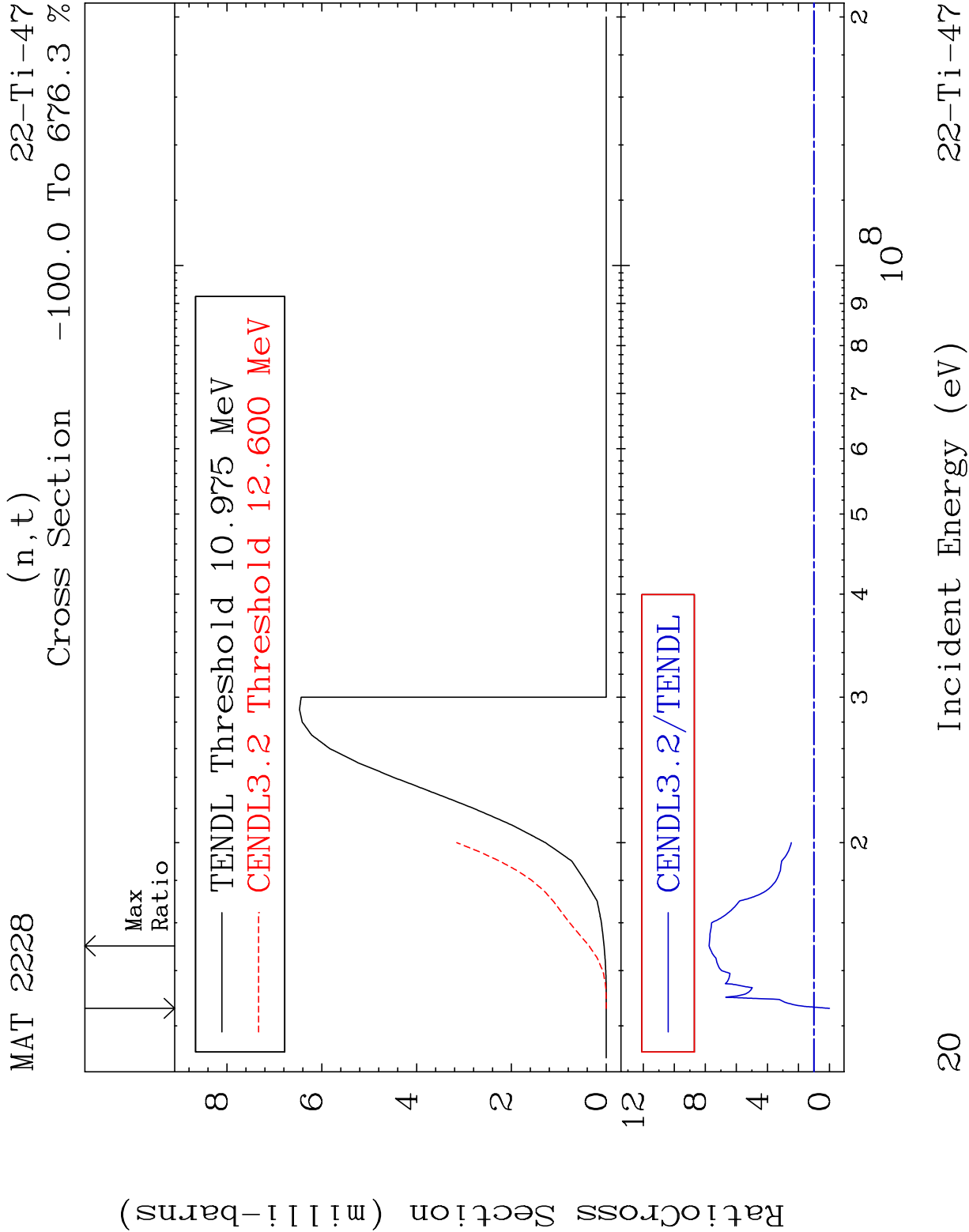
$$(n, p)$$

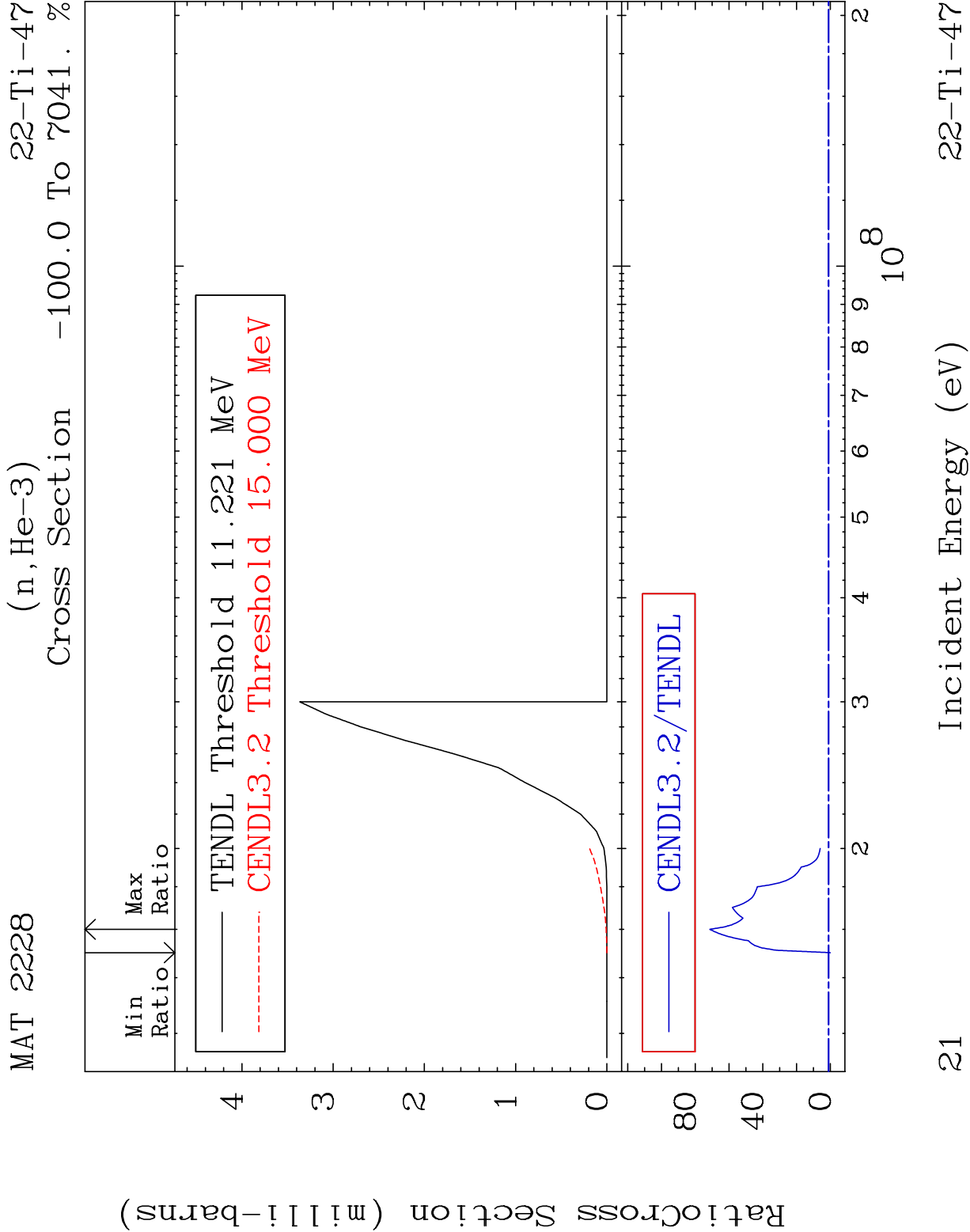
22-Ti-47

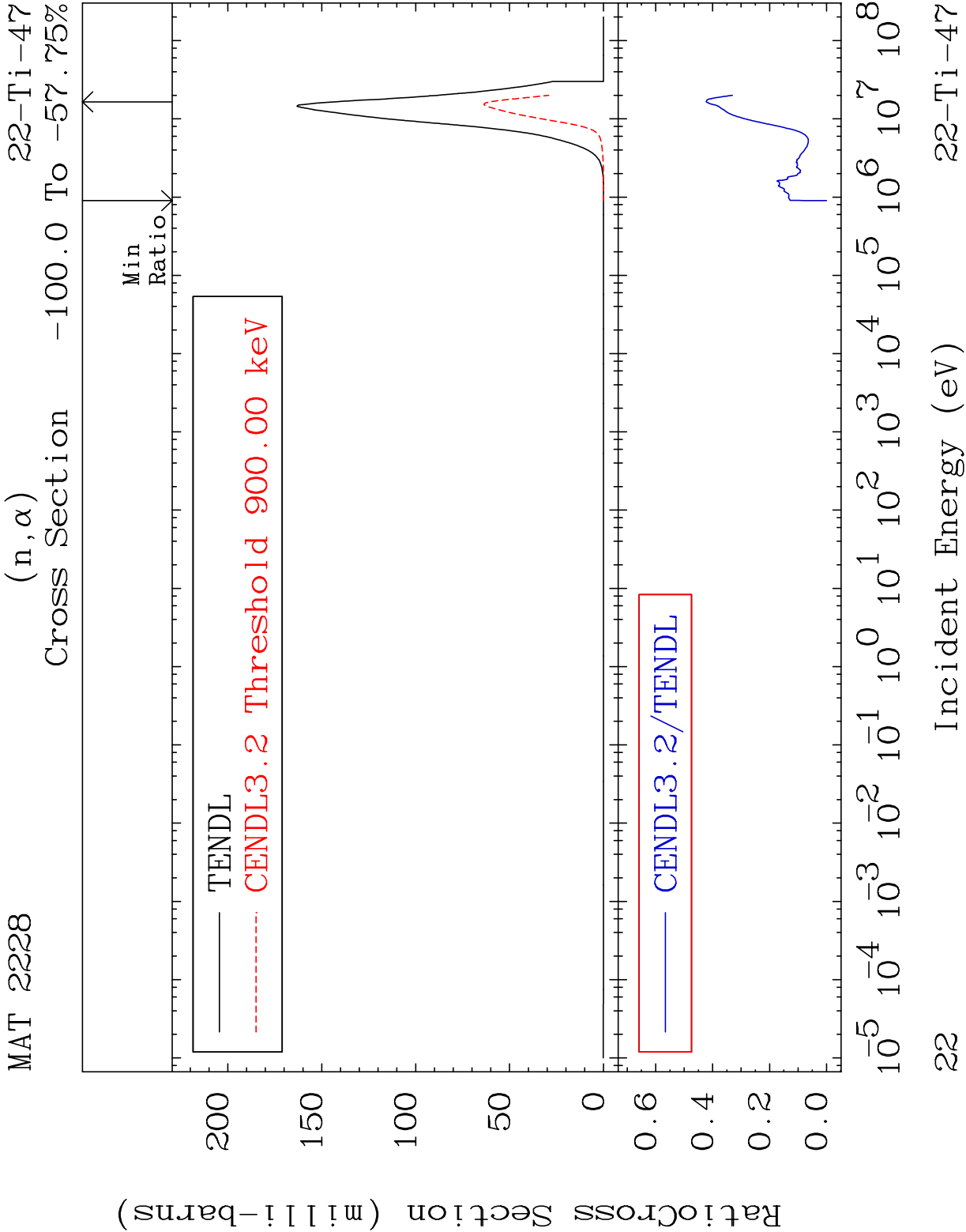
Cross Section -100.0 To 93.67%

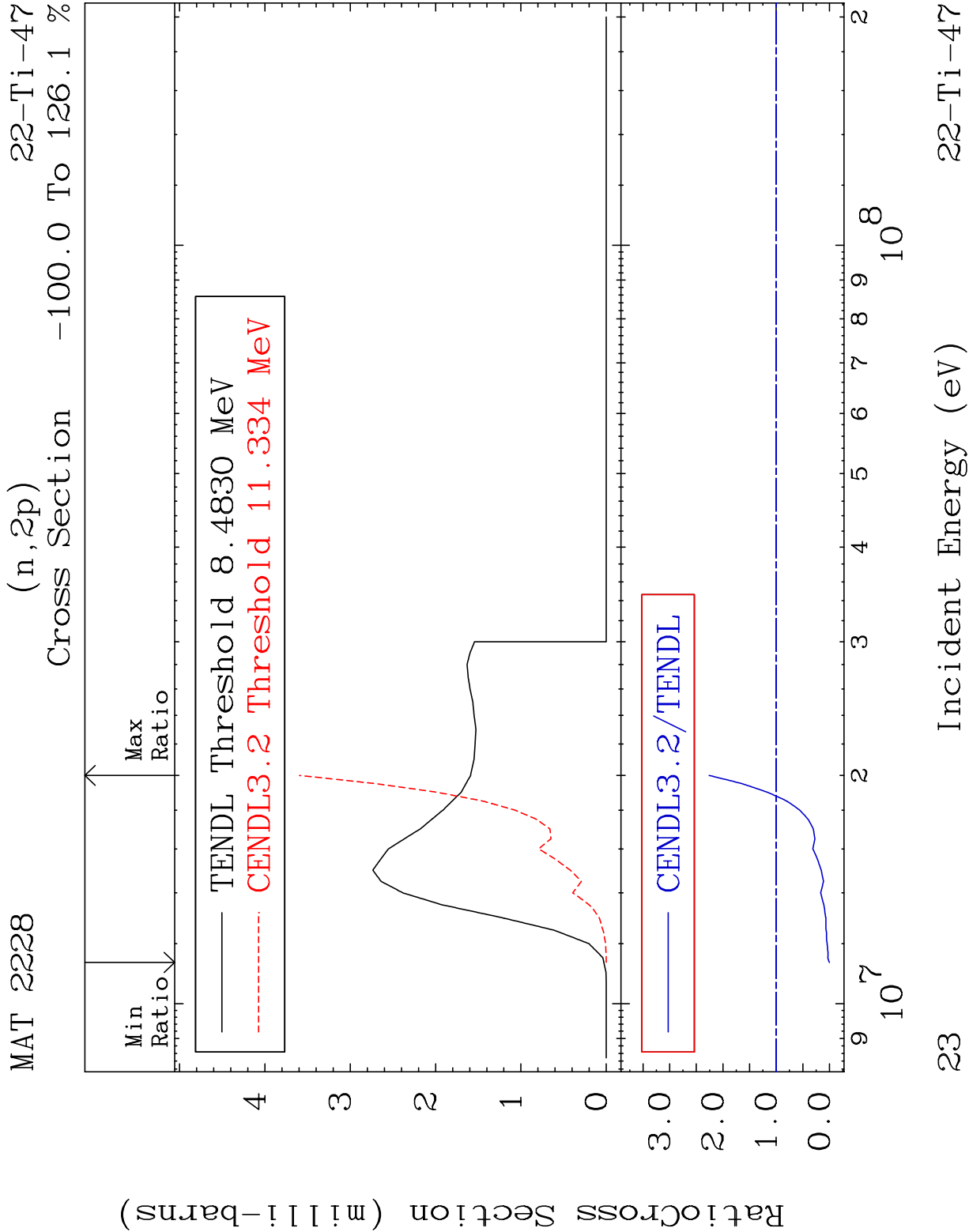


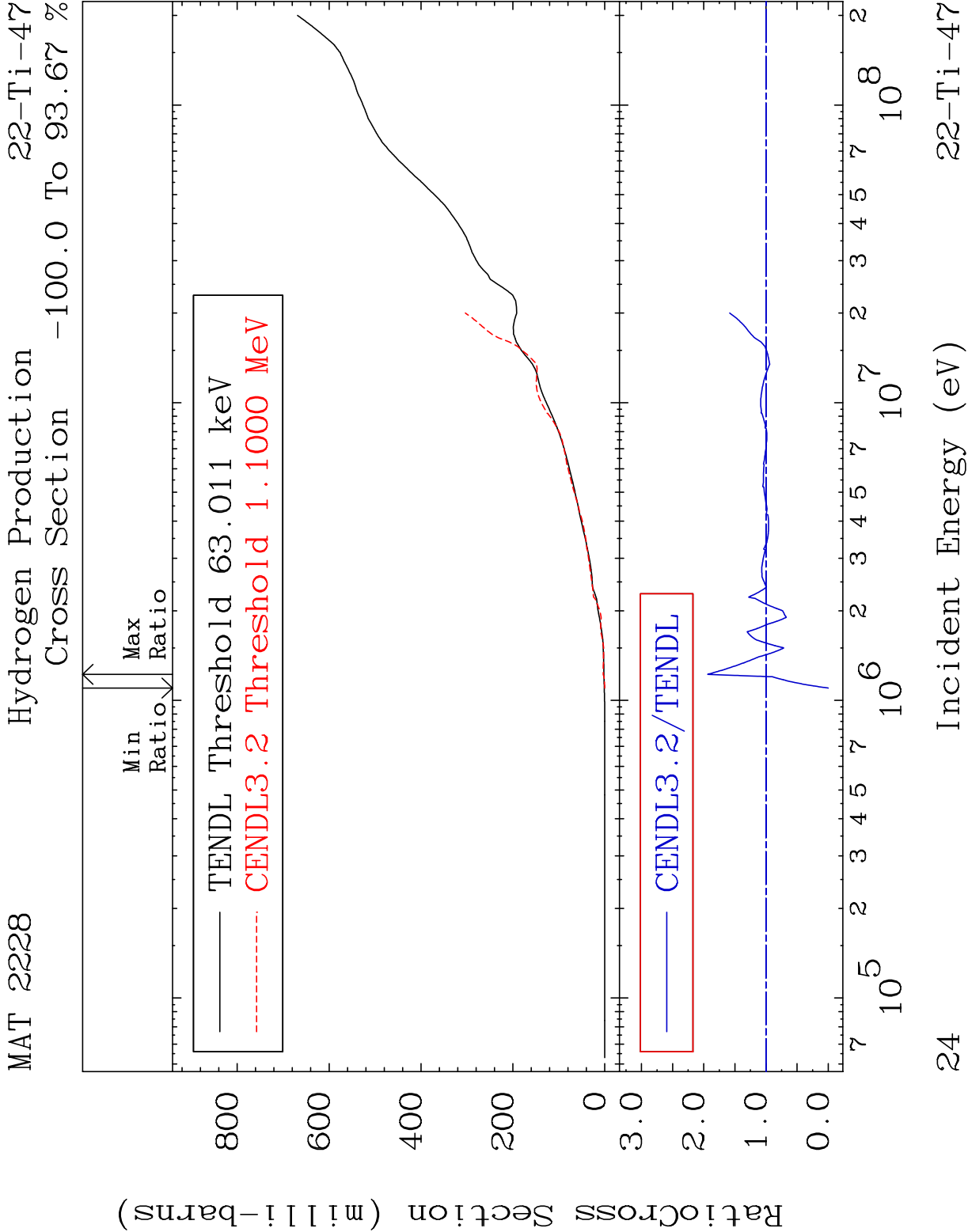


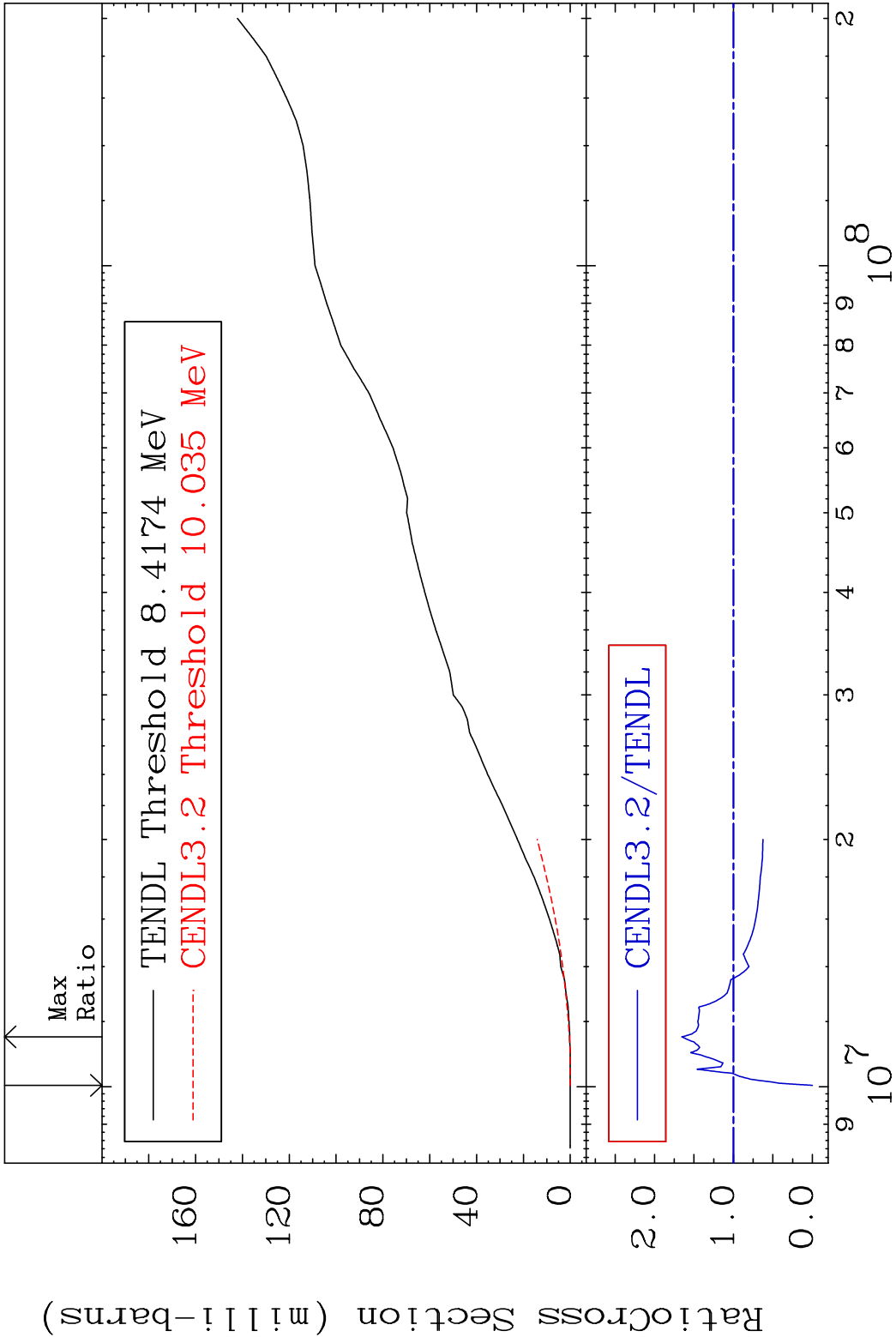


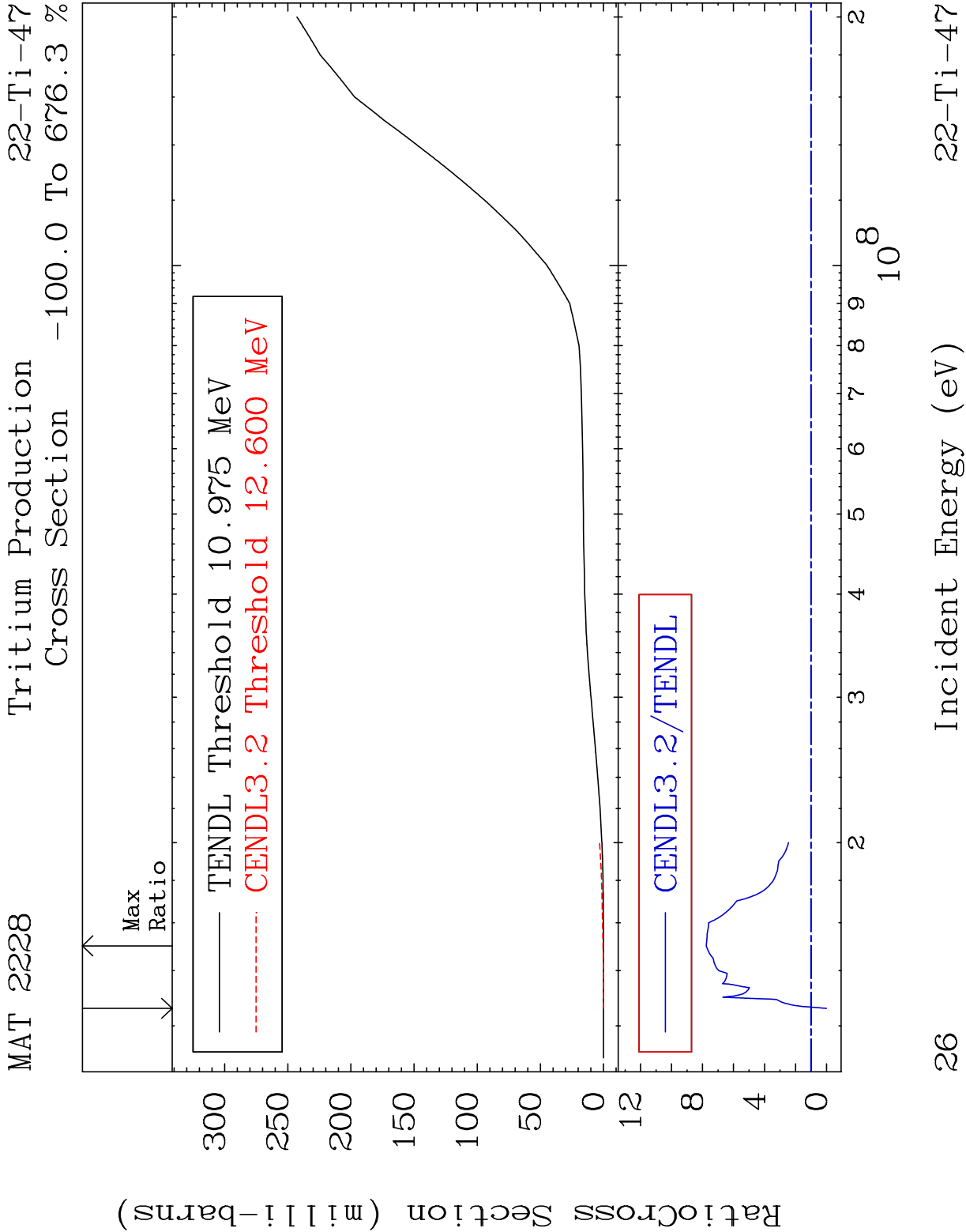




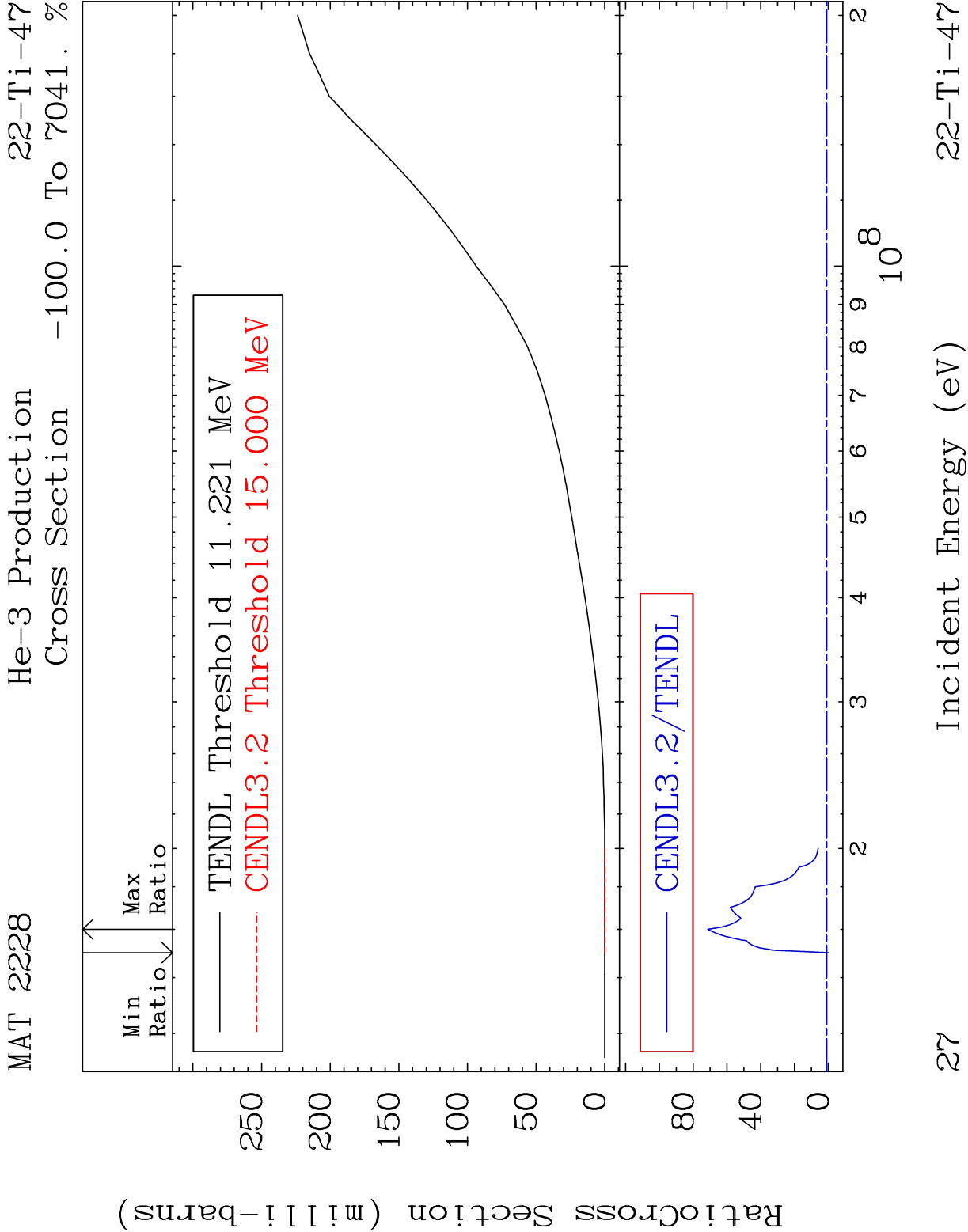


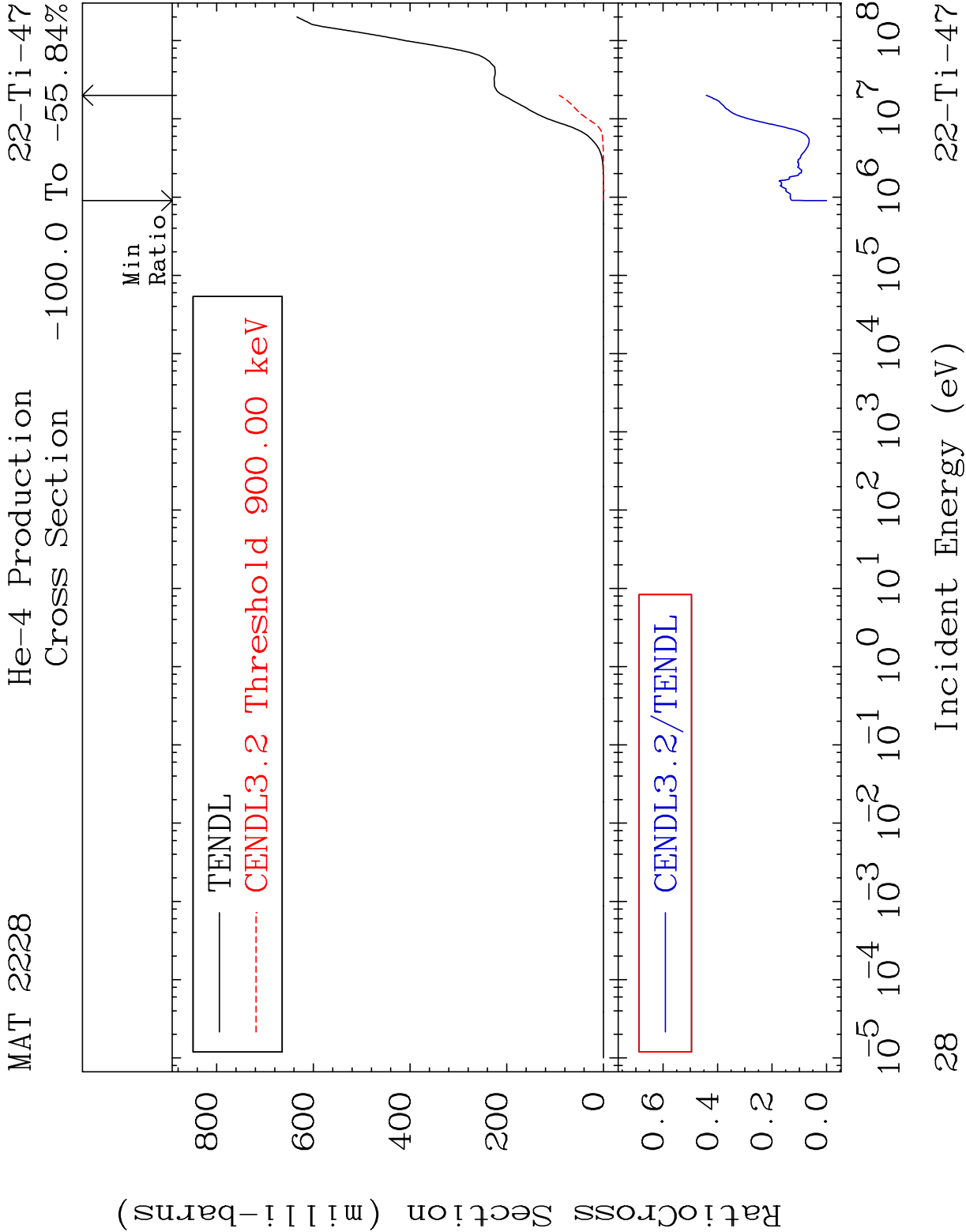


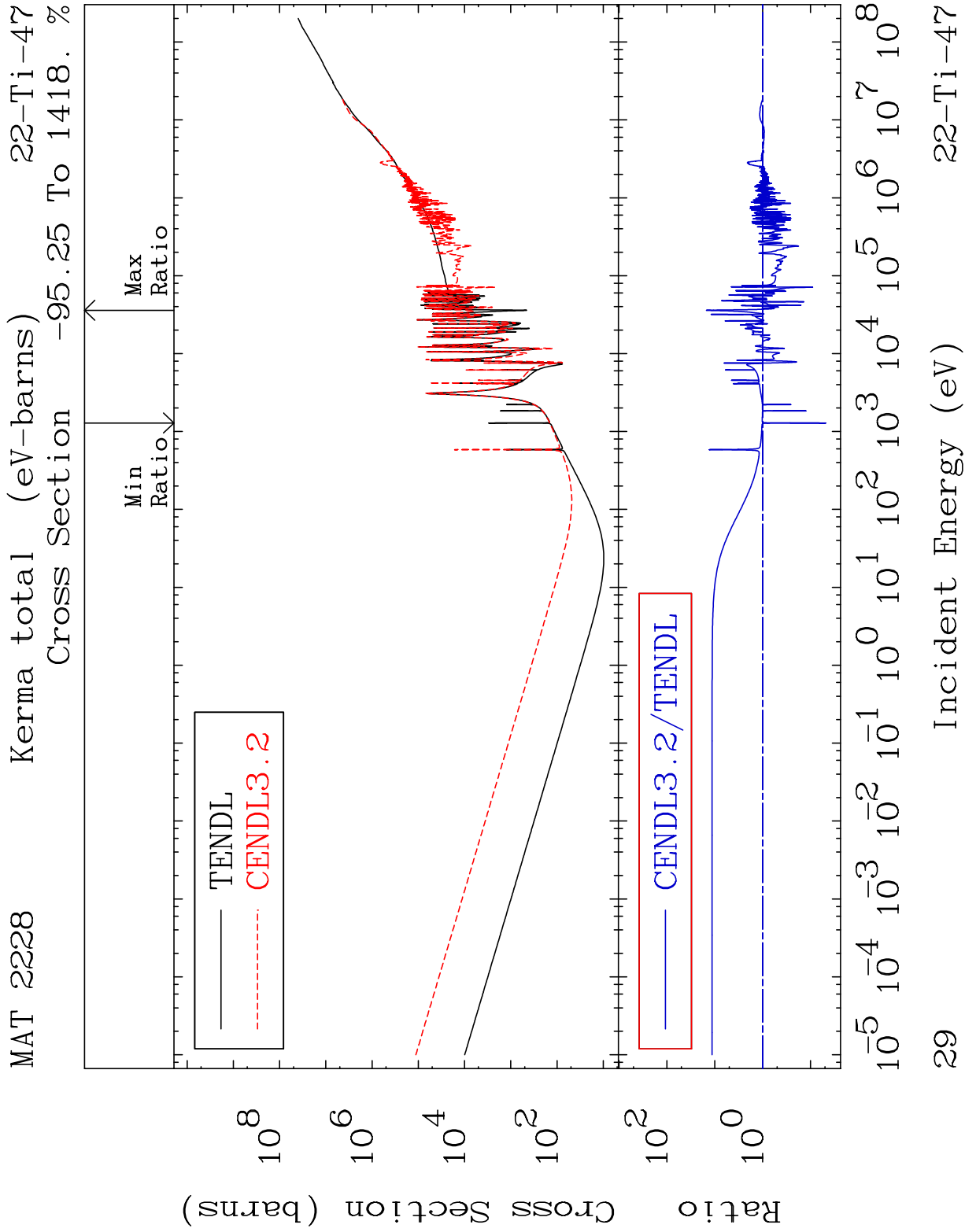




RatioCross Section (milli-barns)





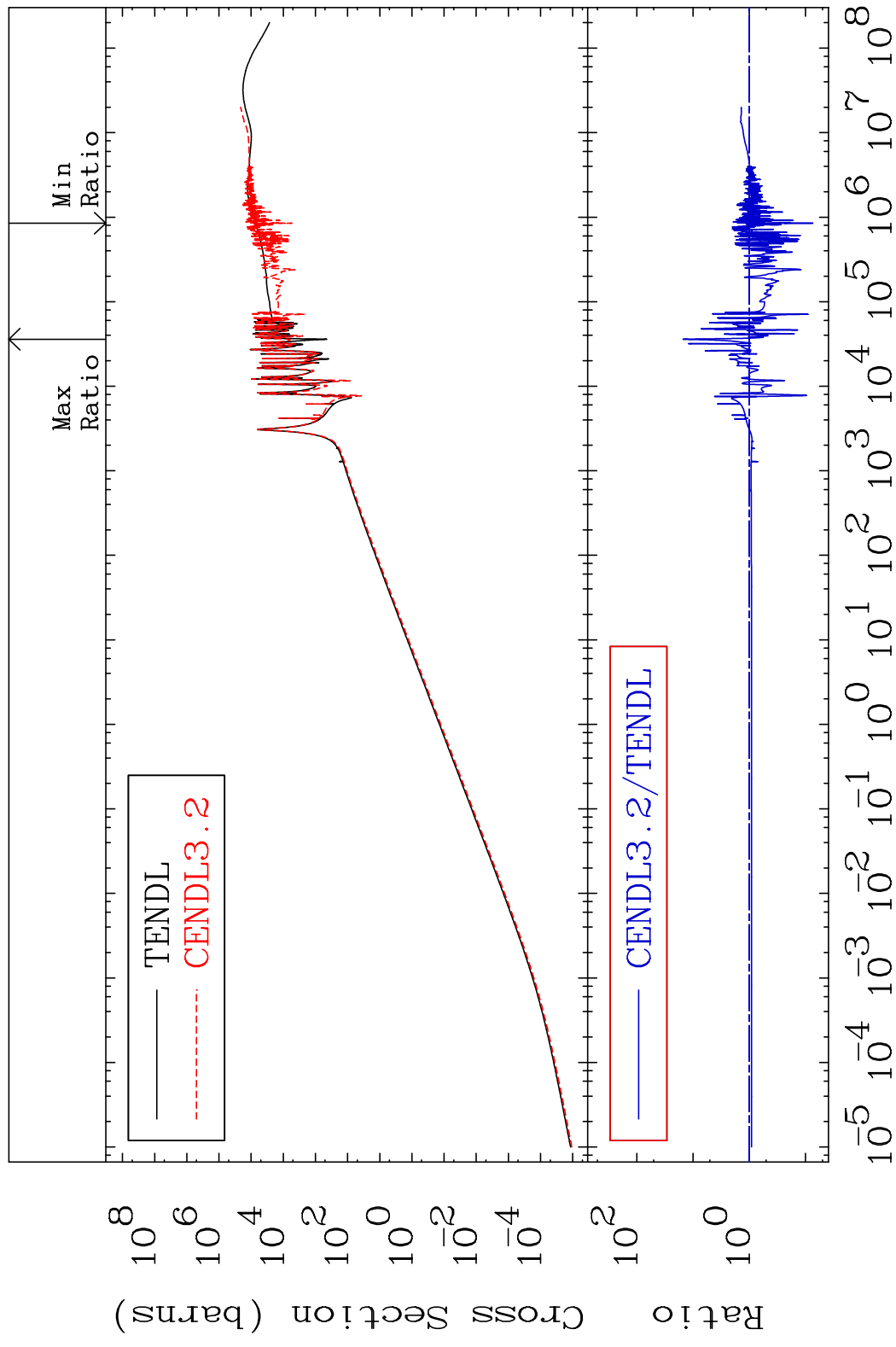


MAT 2228

Kerma elastic

22-Ti-47

Cross Section -92.55 To 1419. %

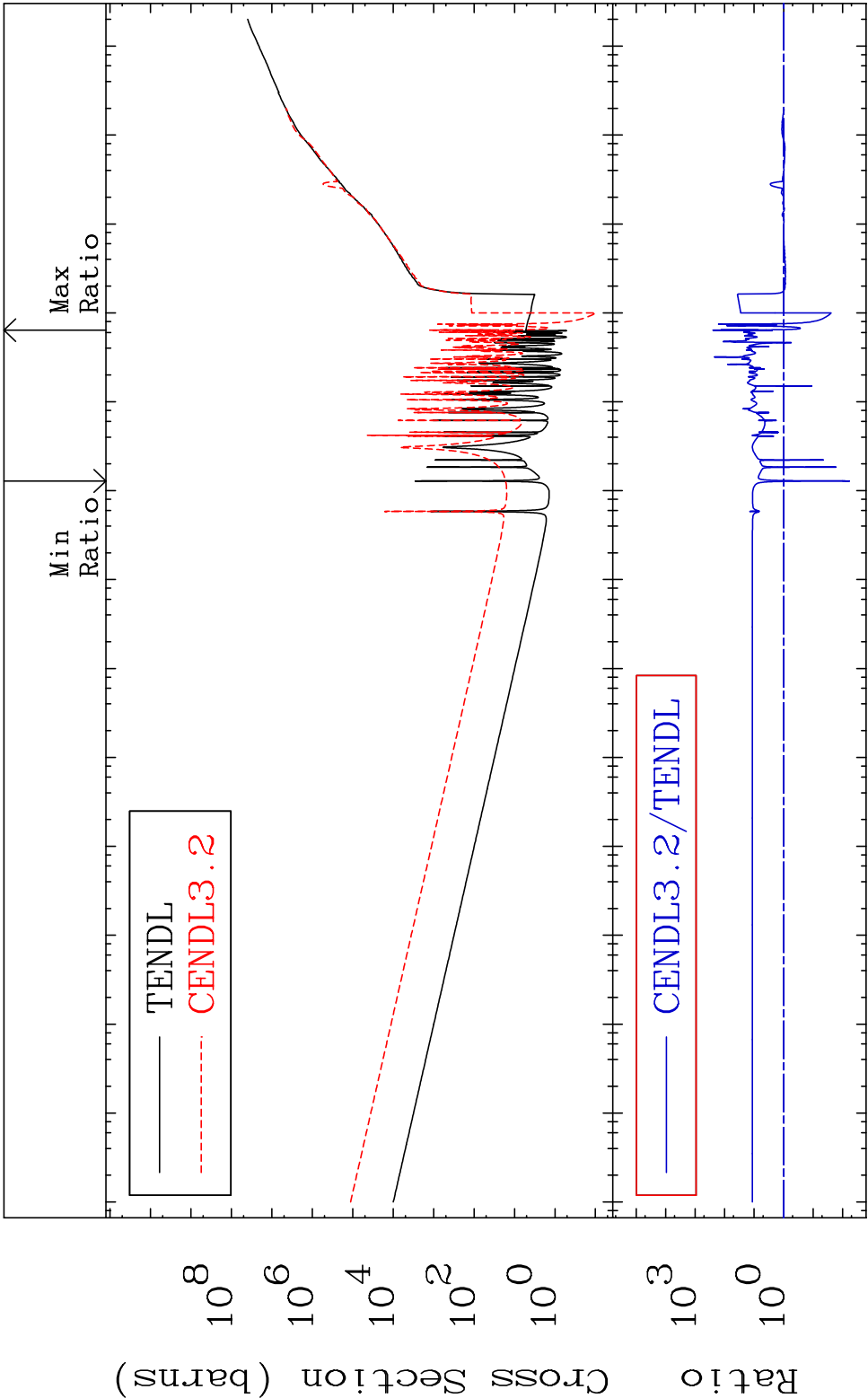


30

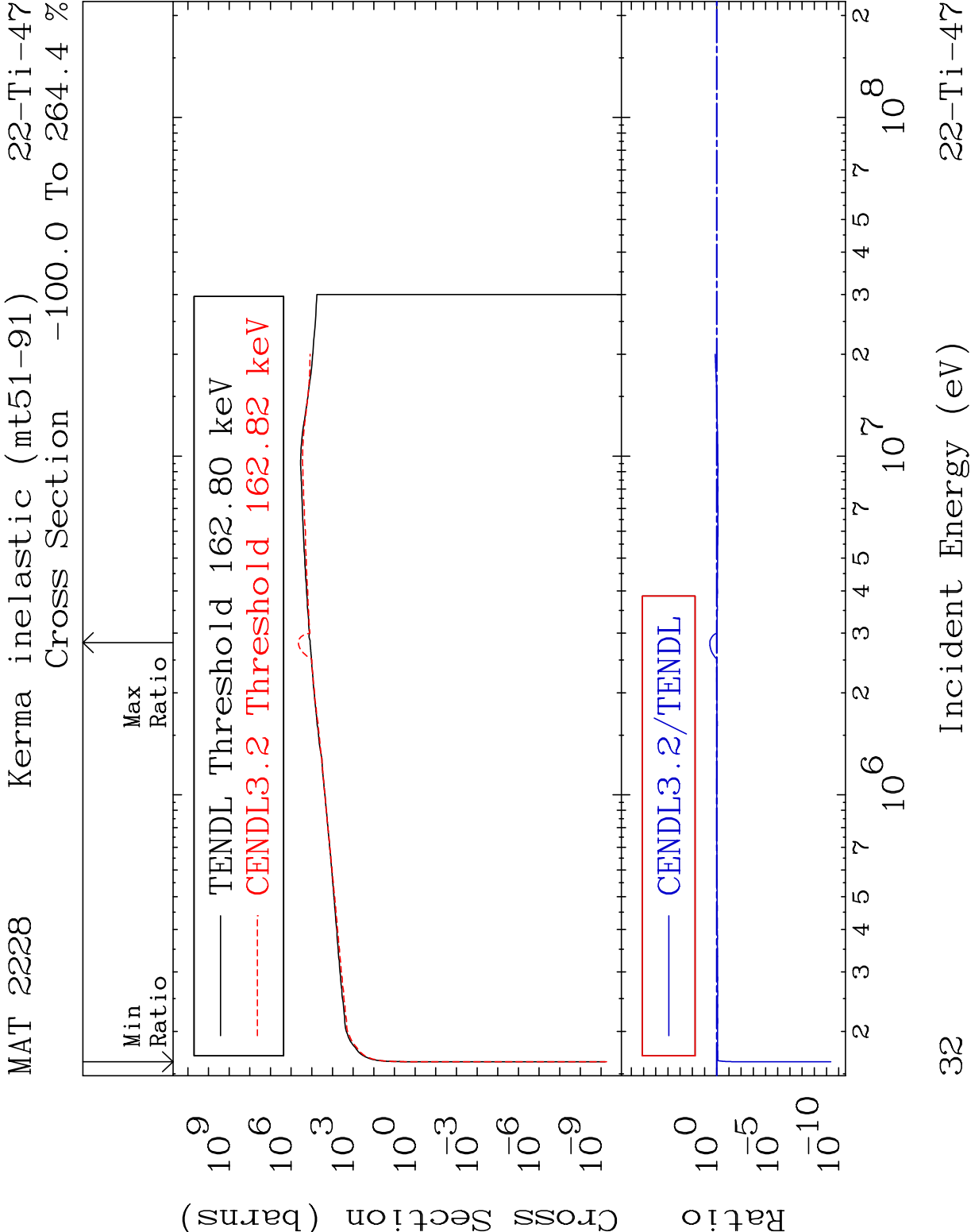
Incident Energy (eV)

22-Ti-47

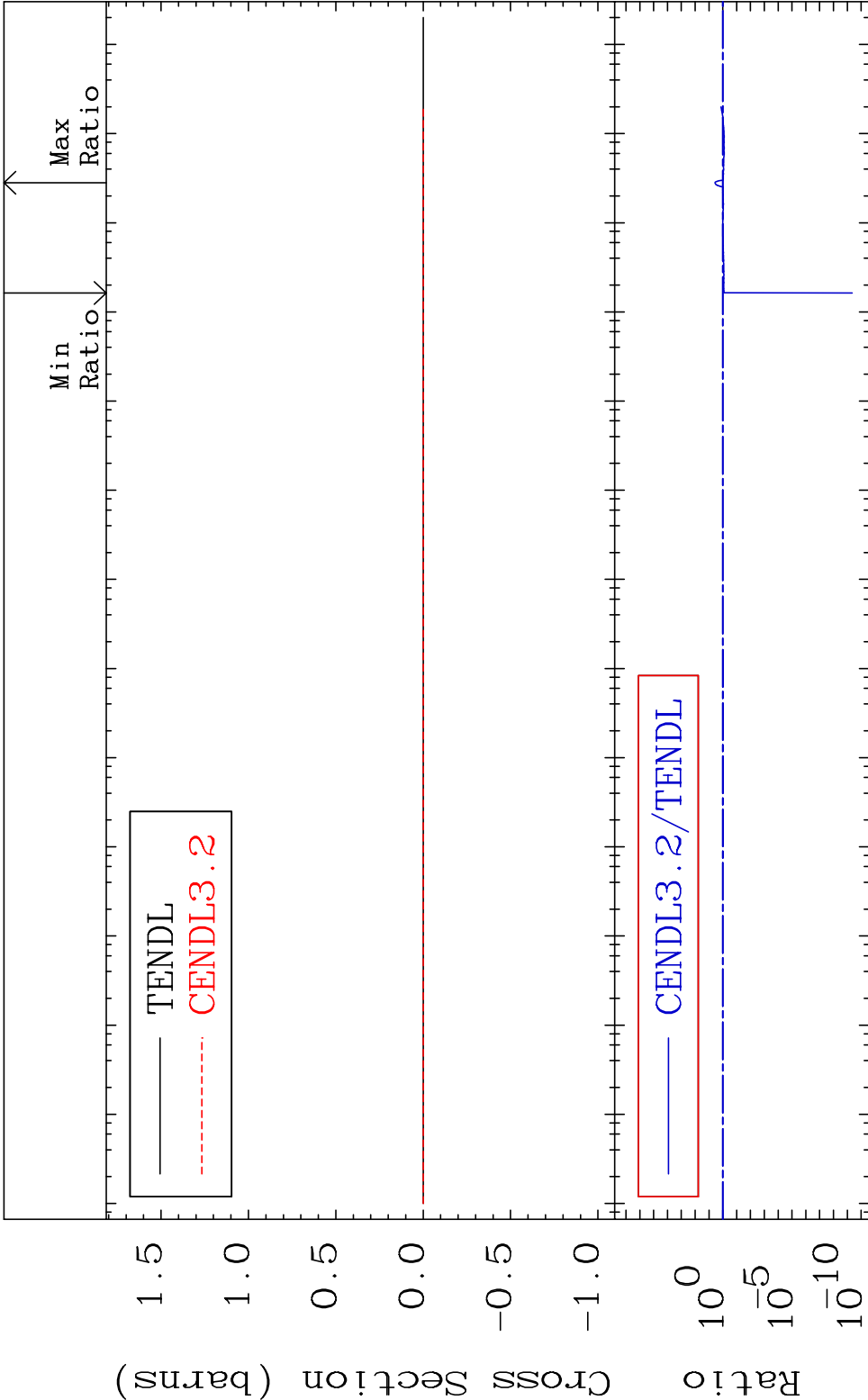
MAT 2228 Kerma non-elastic (all but mt2) 22-Ti-47
 Cross Section -99.42 To 9999. %



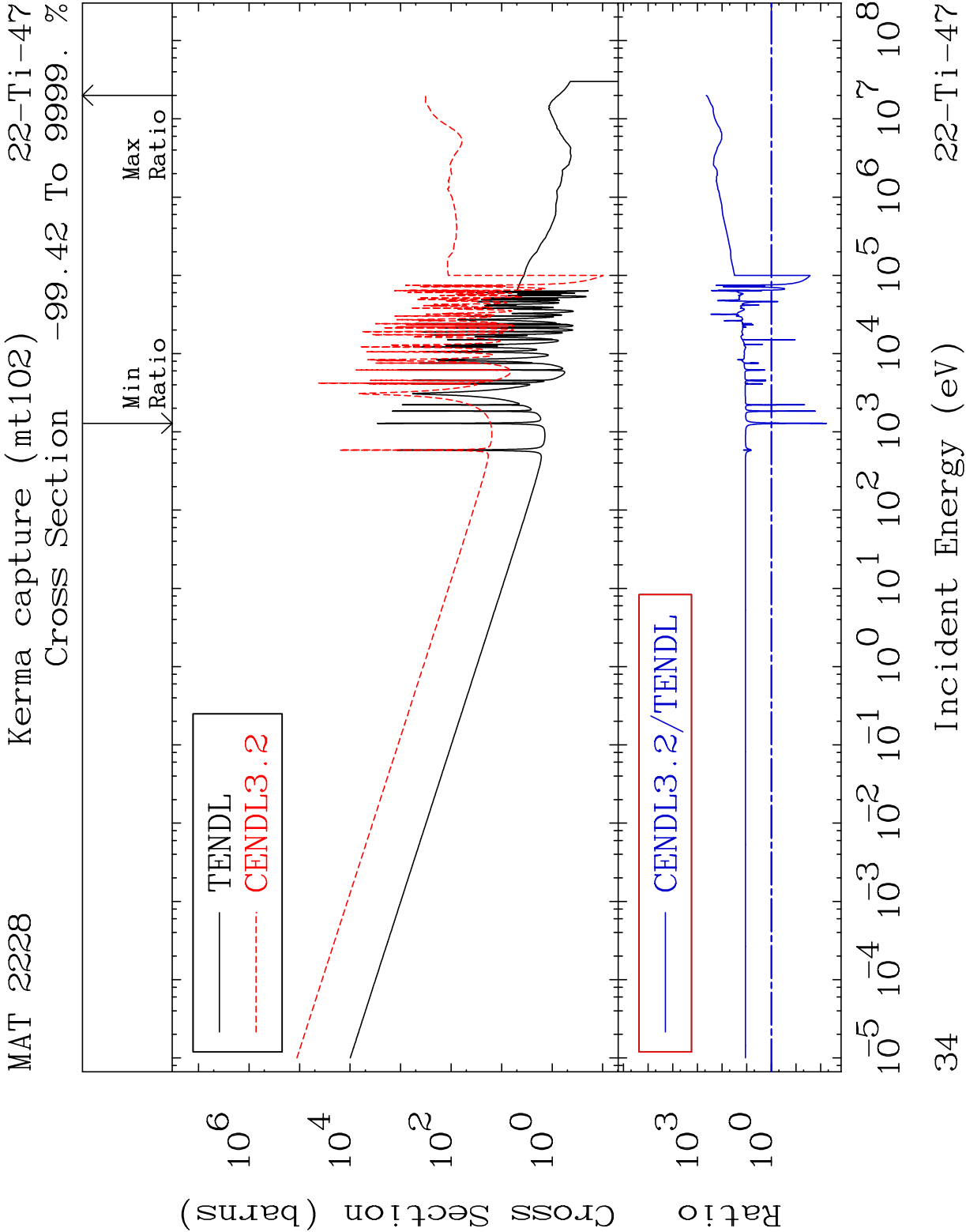
31 Incident Energy (eV) 22-Ti-47

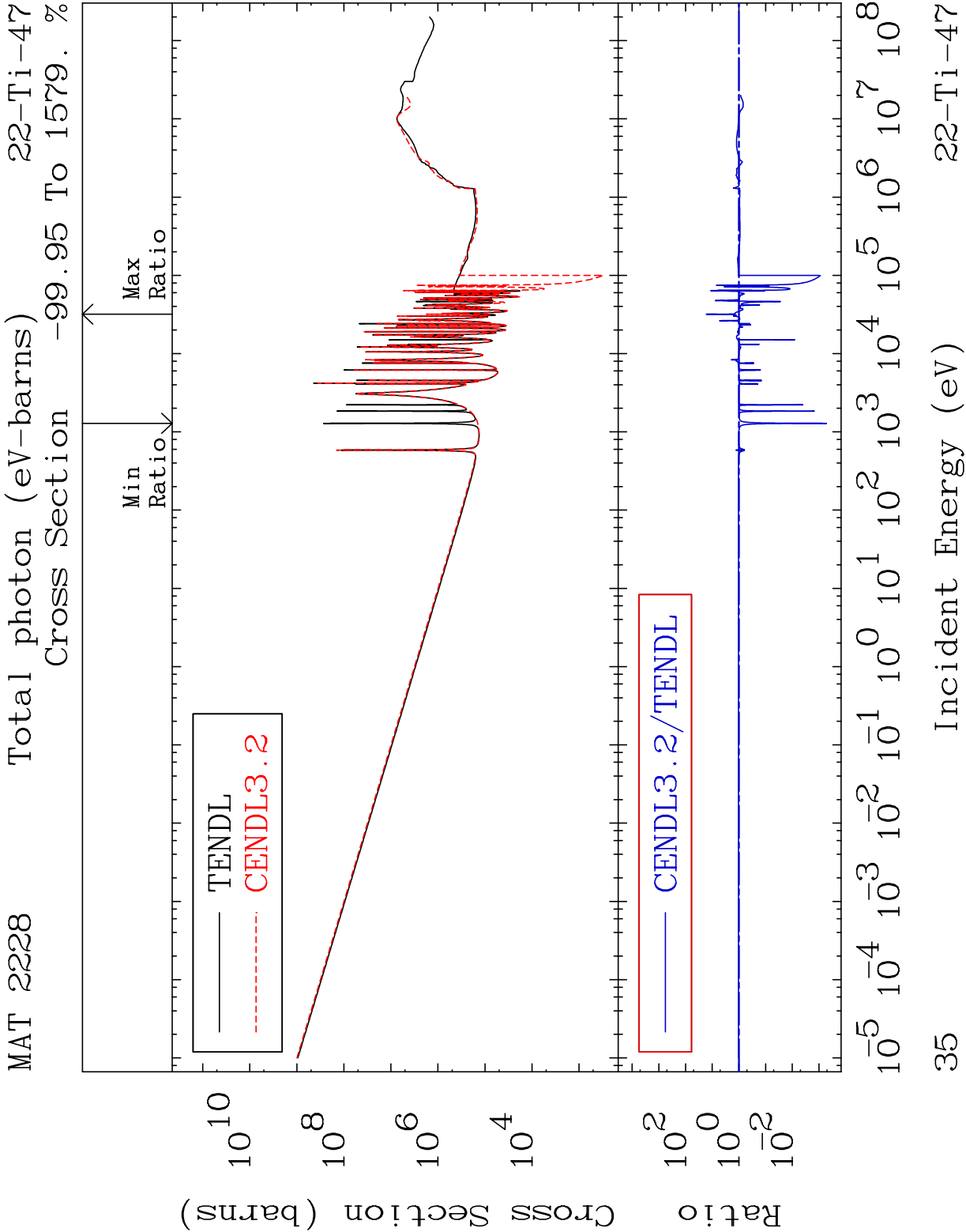


MAT 2228Kerma fission (mt18 or mt19-20-21-38) 22-Ti-47
Cross Section -100.0 To 264.4 %



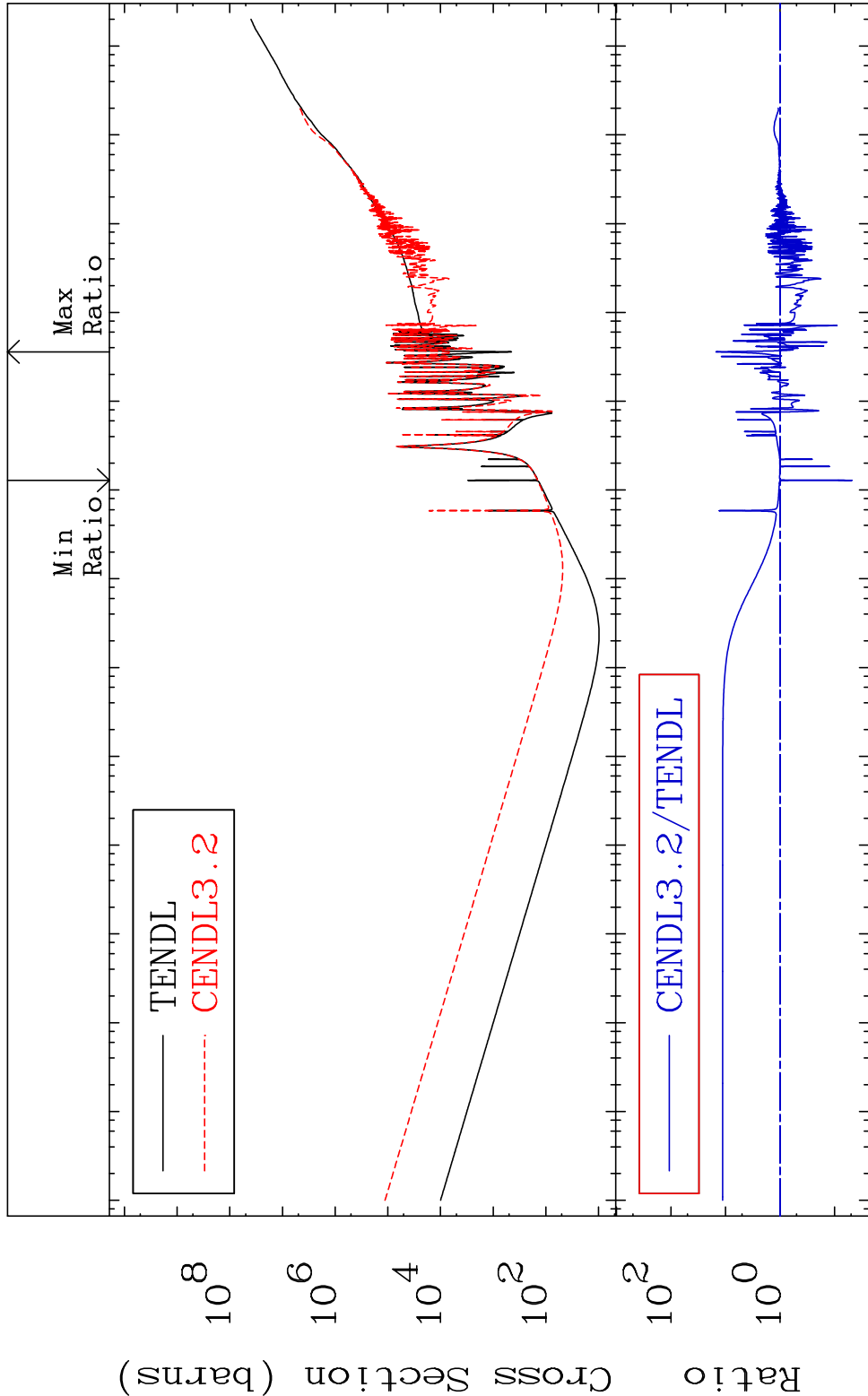
33 Incident Energy (eV) 22-Ti-47



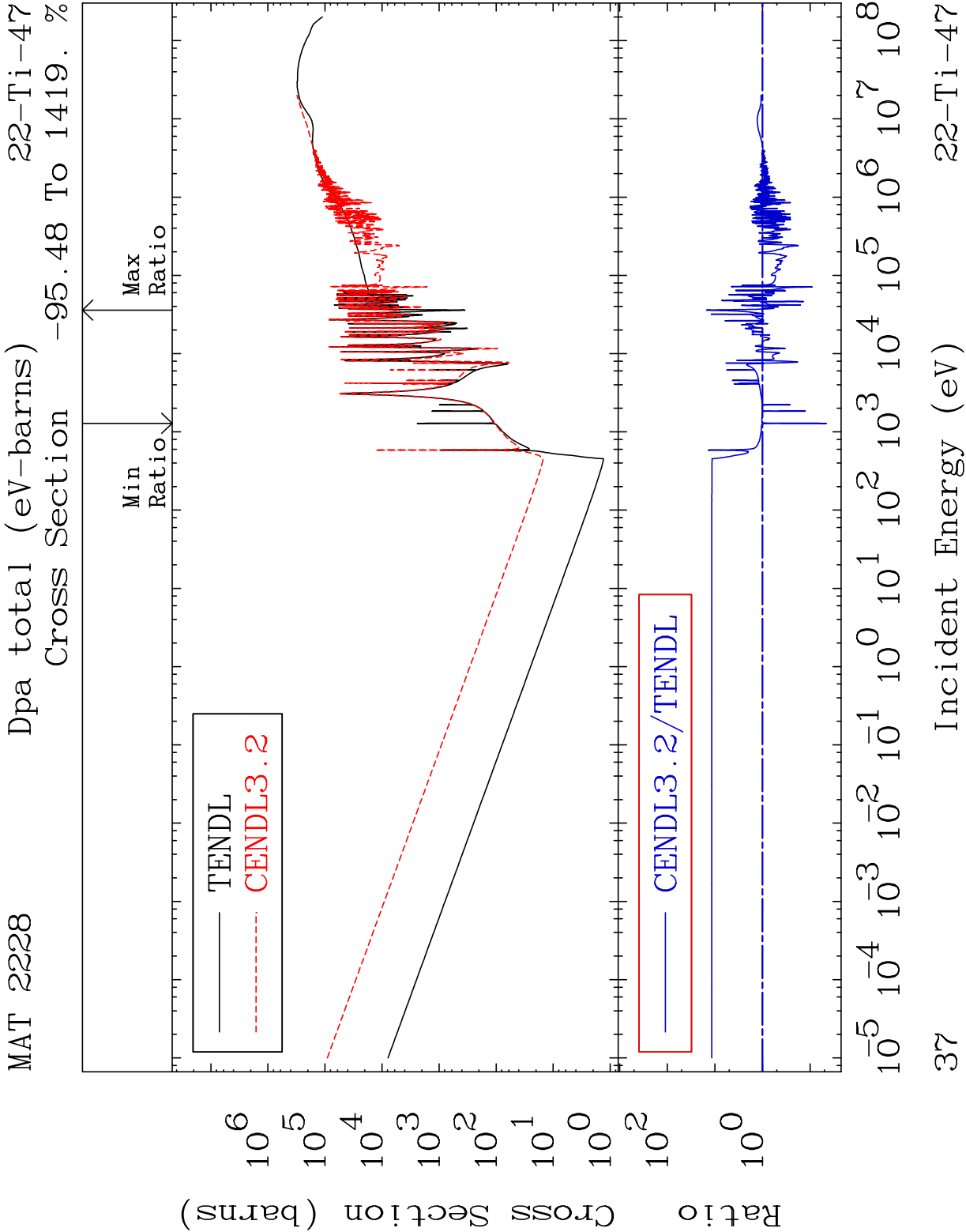


MAT 2228 Total kinematic kerma (high limit) 22-Ti-47

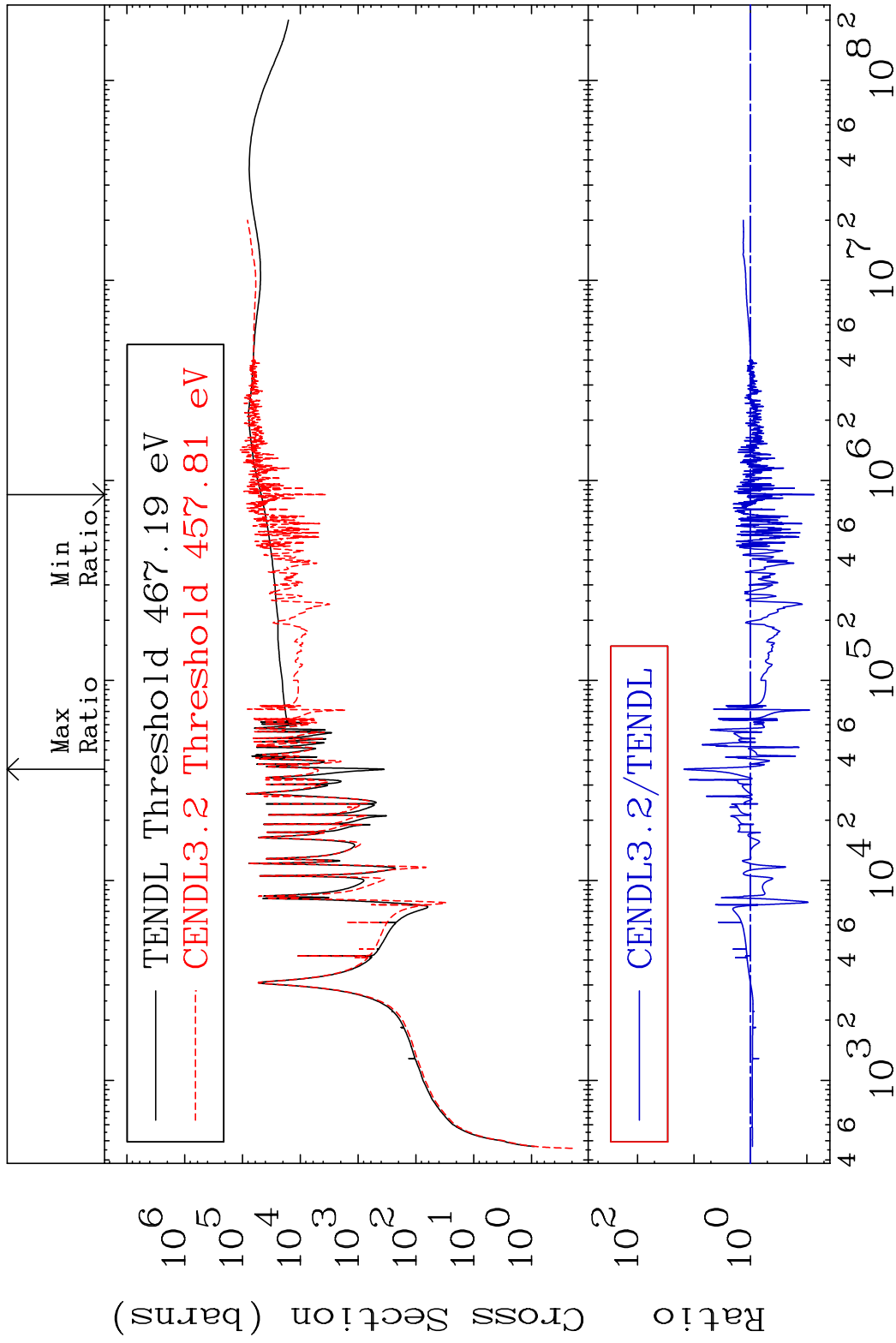
Cross Section -95.25 To 1418. %

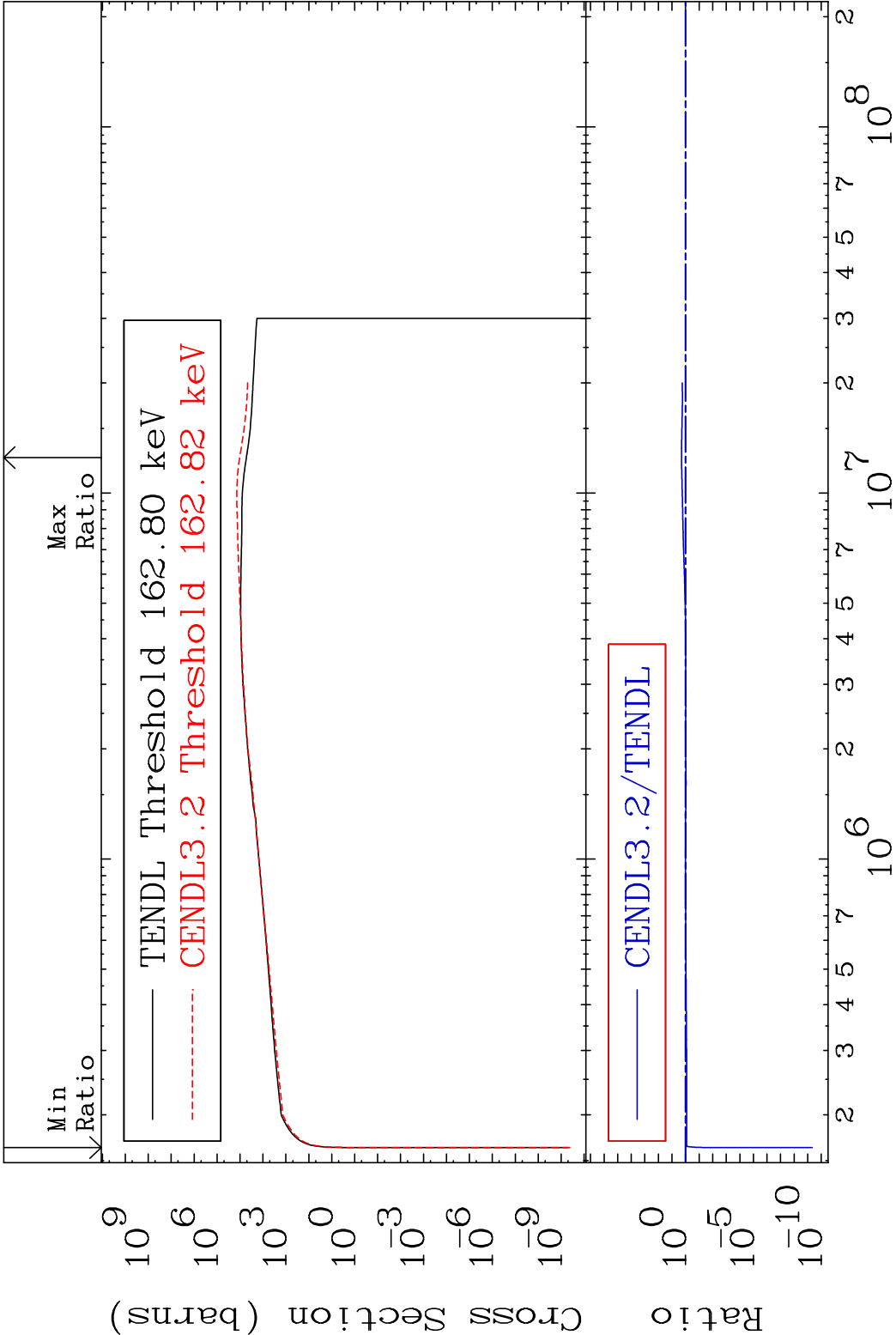


36 Incident Energy (eV) 22-Ti-47

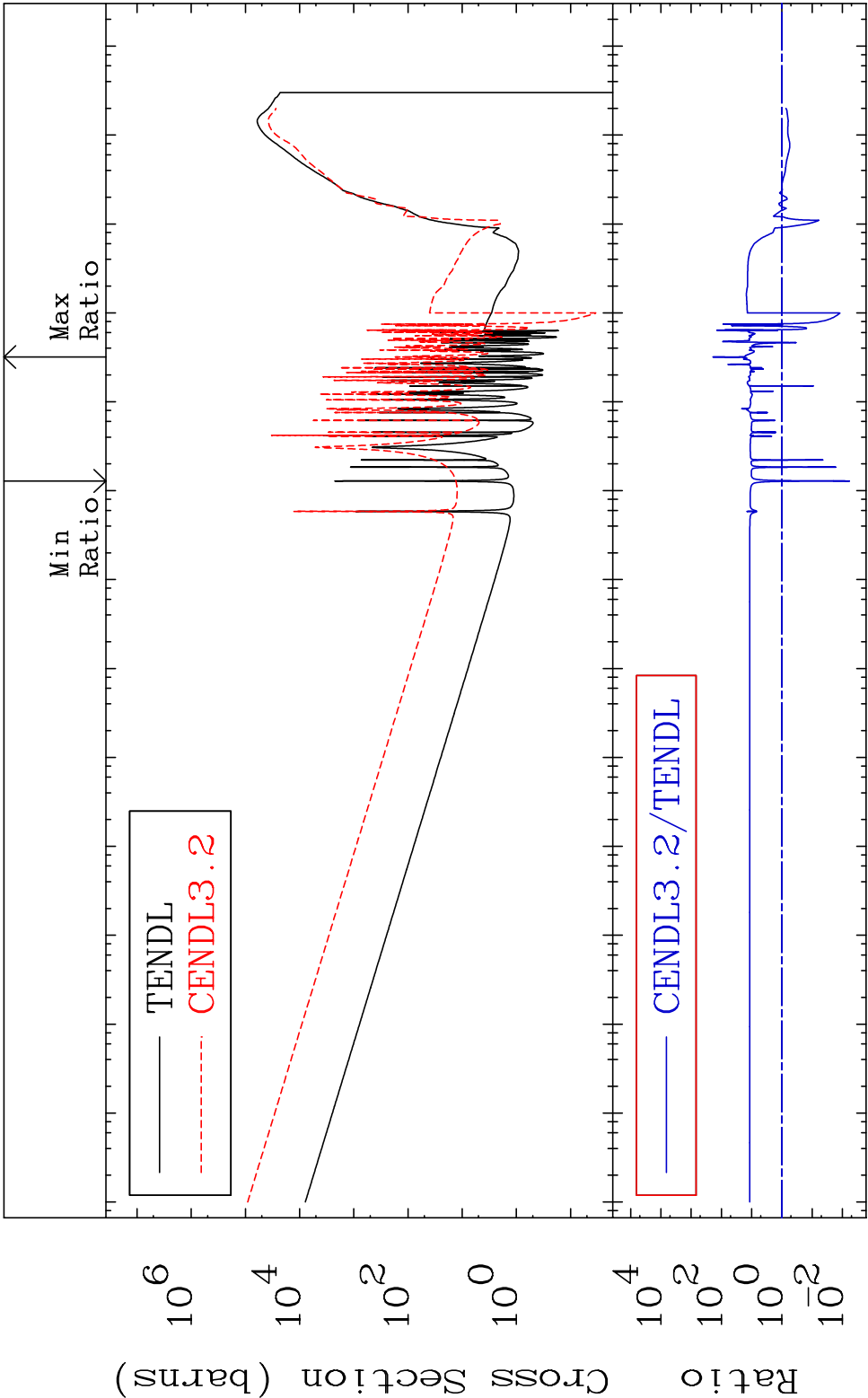


MAT 2228 Dpa elastic (mt2) 22-Ti-47
 Cross Section -92.55 To 1419. %

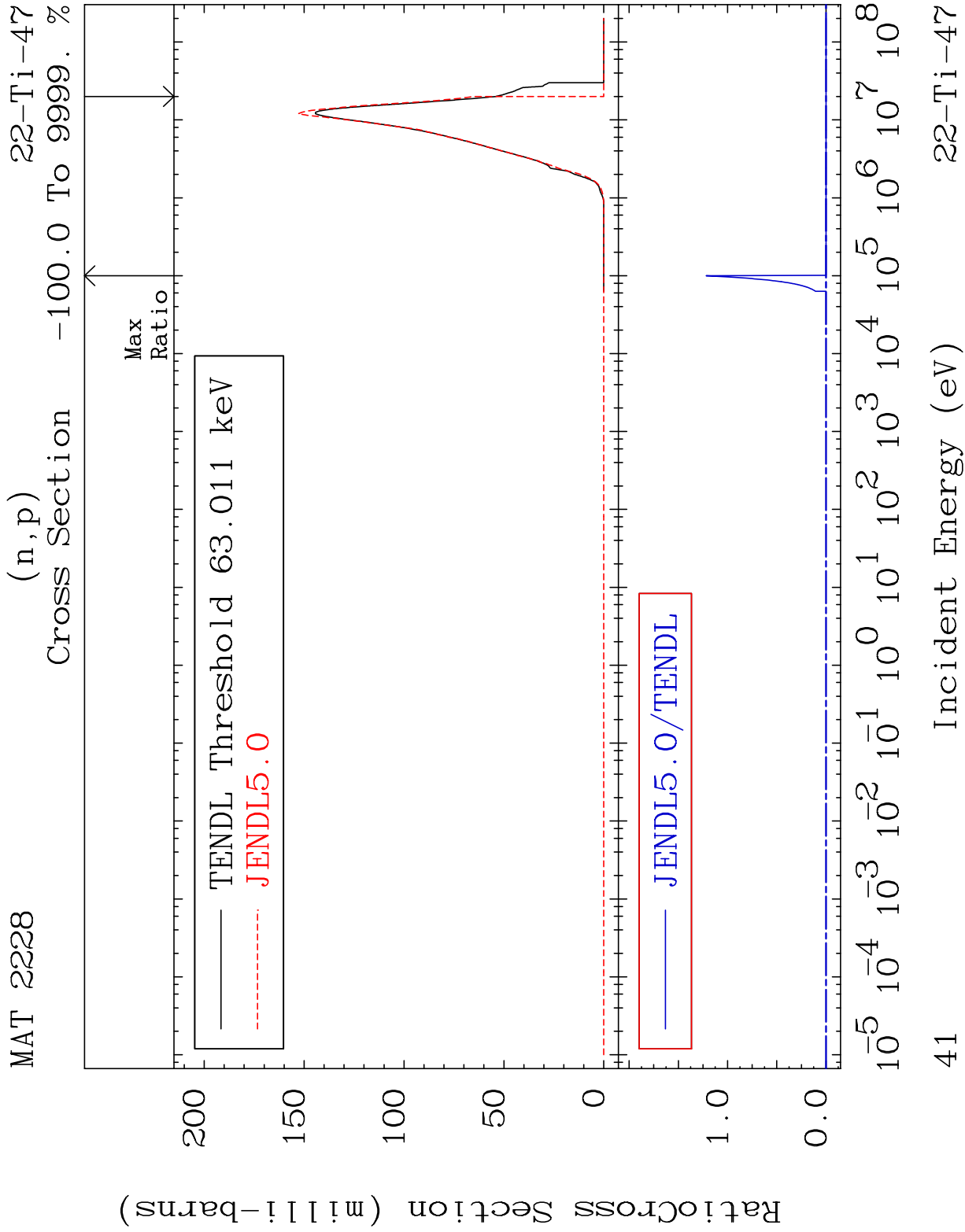


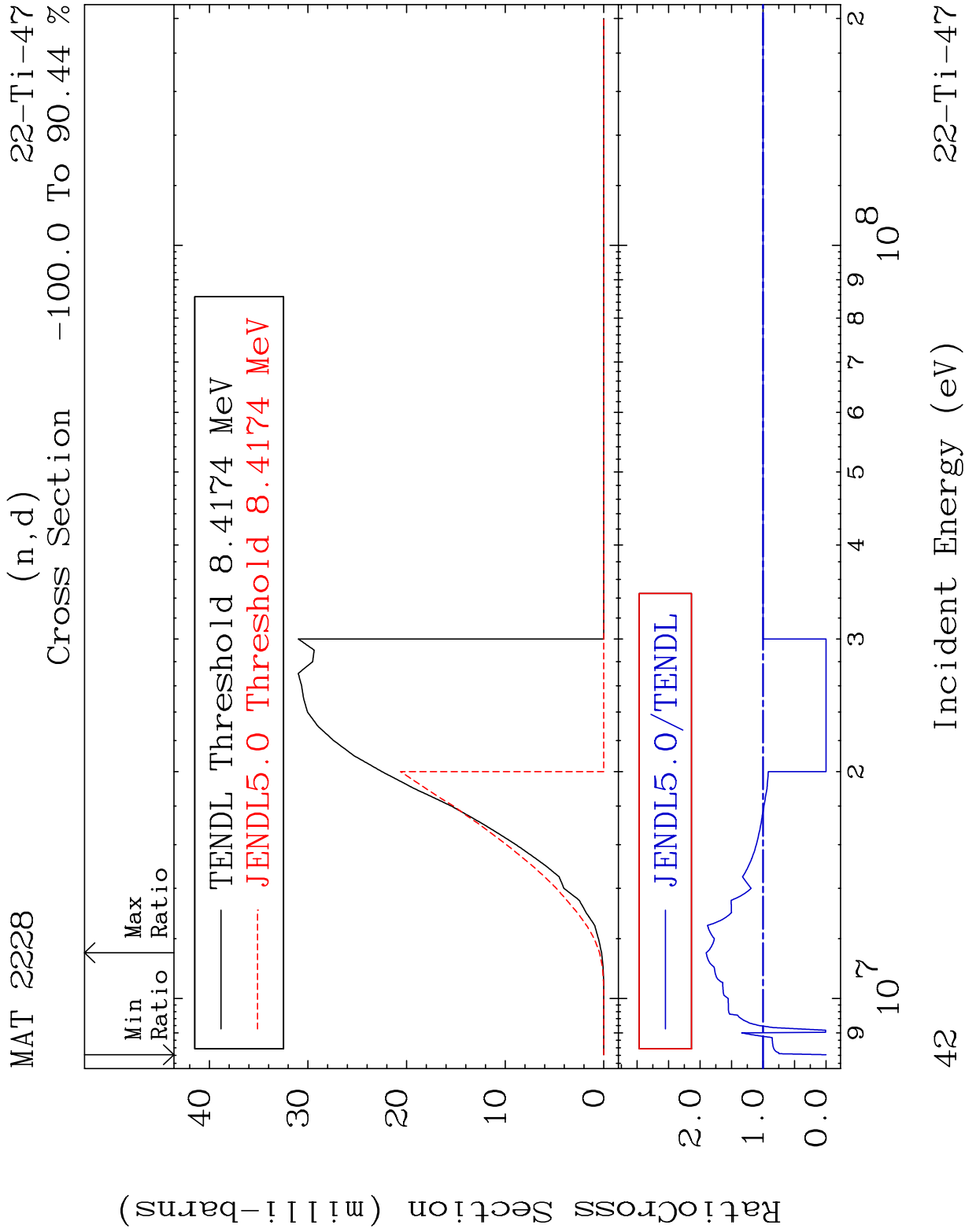


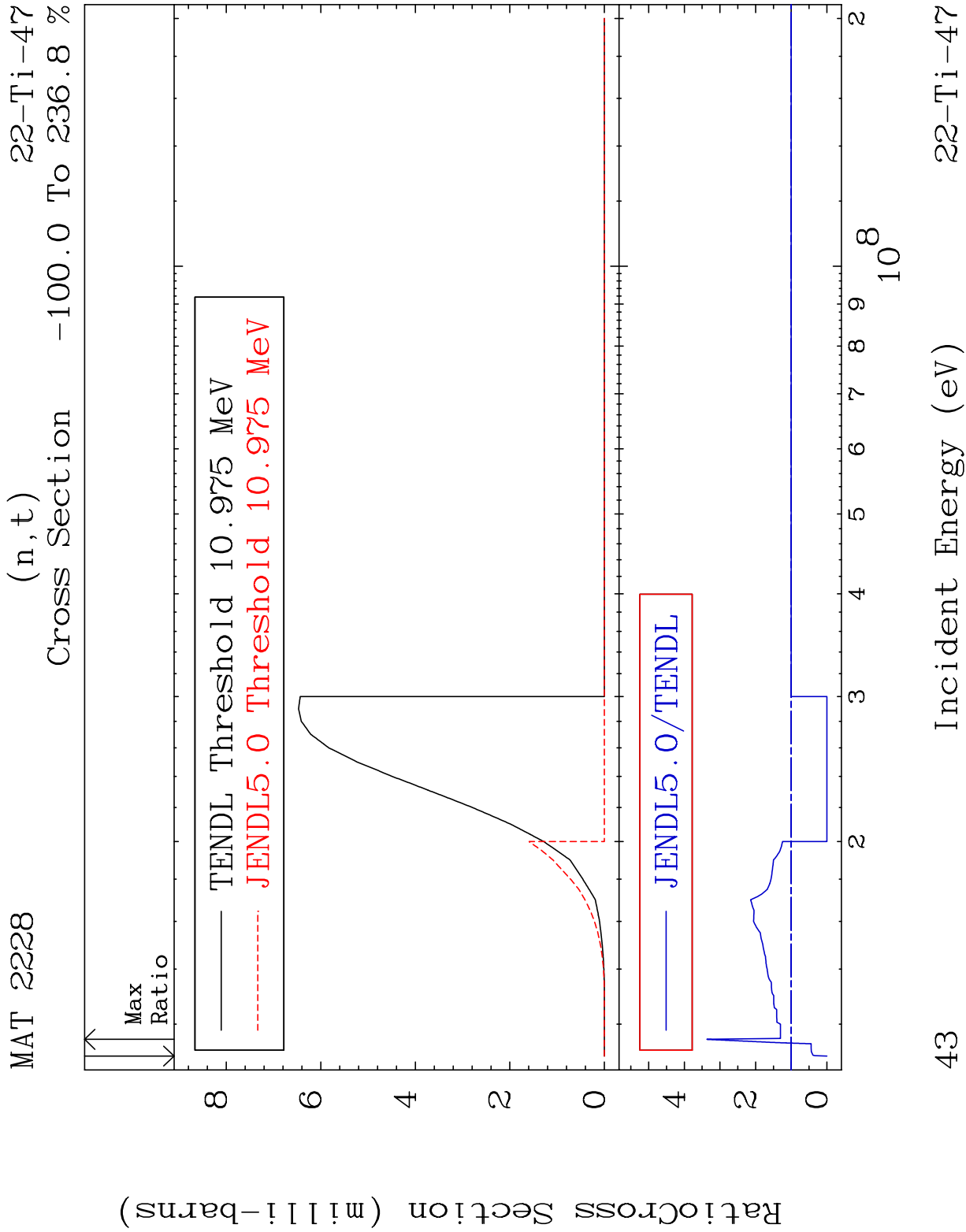
MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47
Cross Section -99.42 To 9999. %

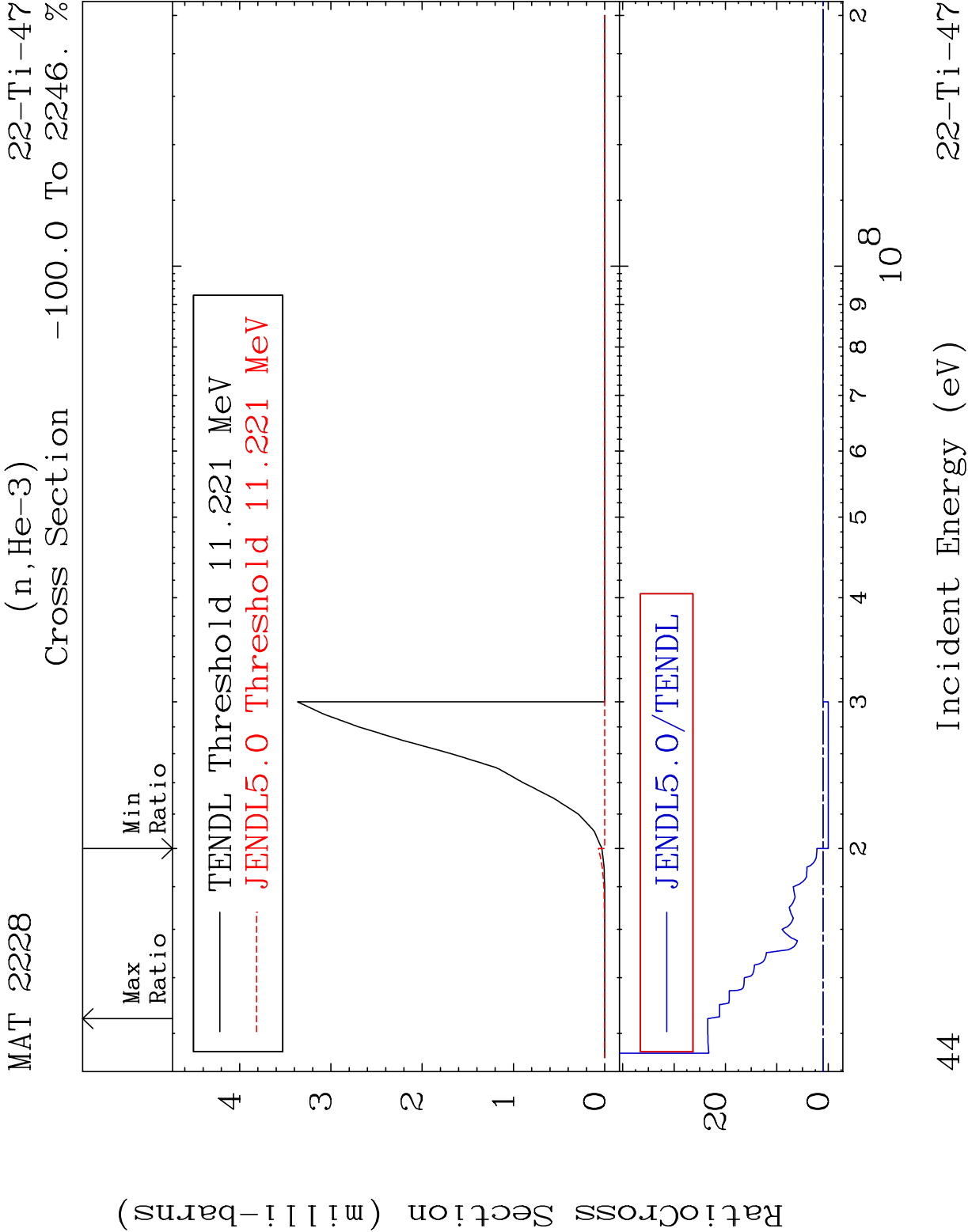


40 Incident Energy (eV) 22-Ti-47



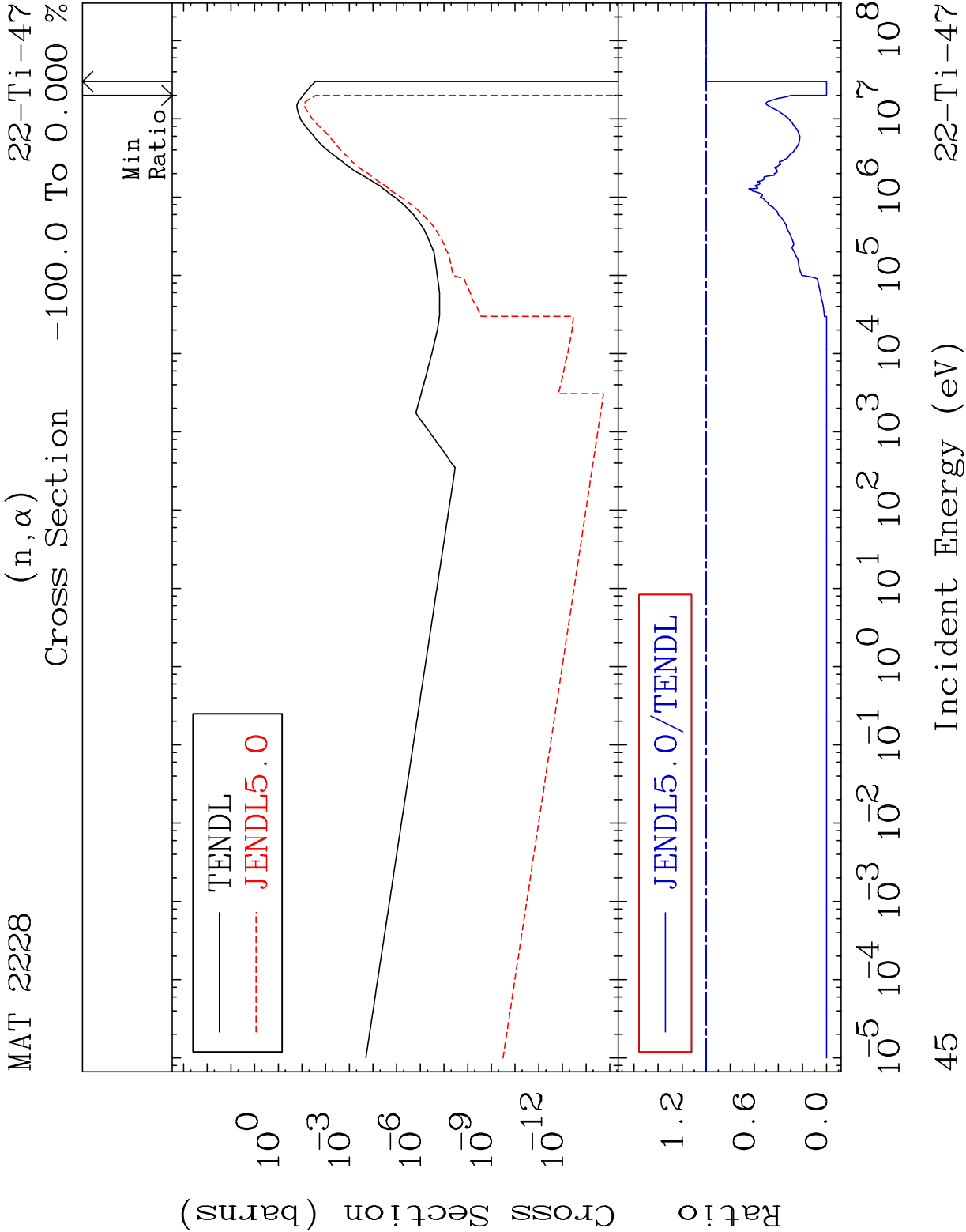


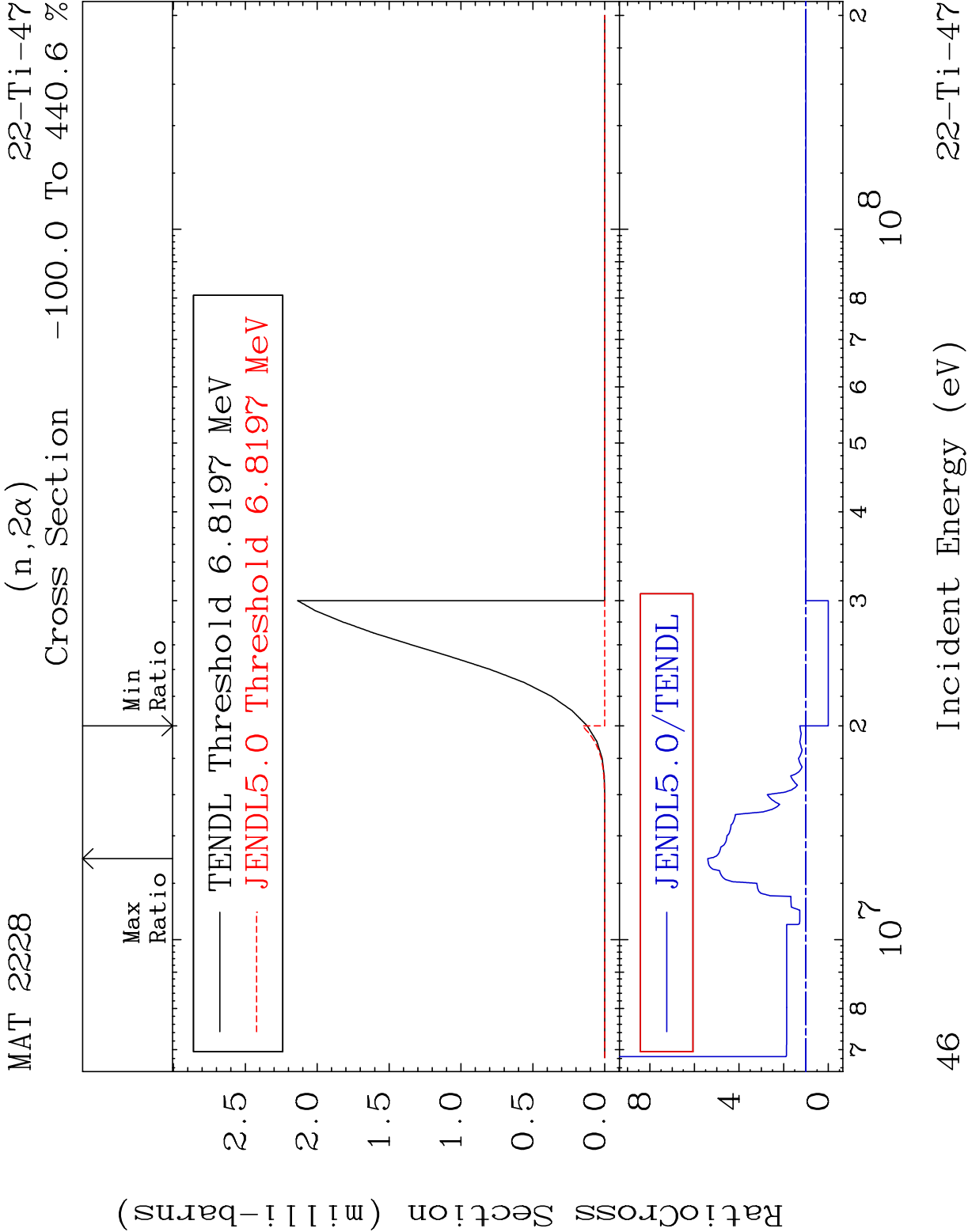




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22-Ti-47



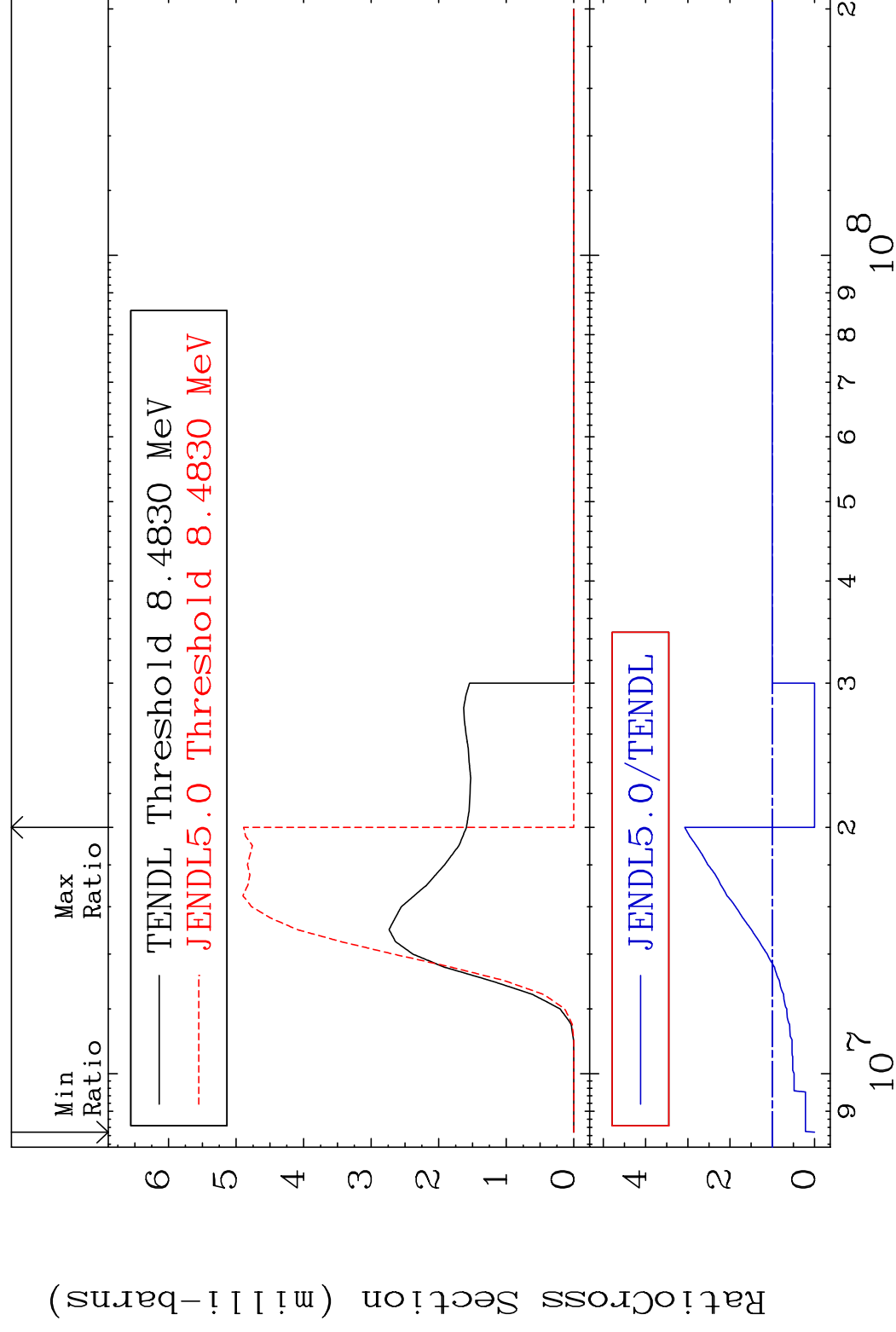


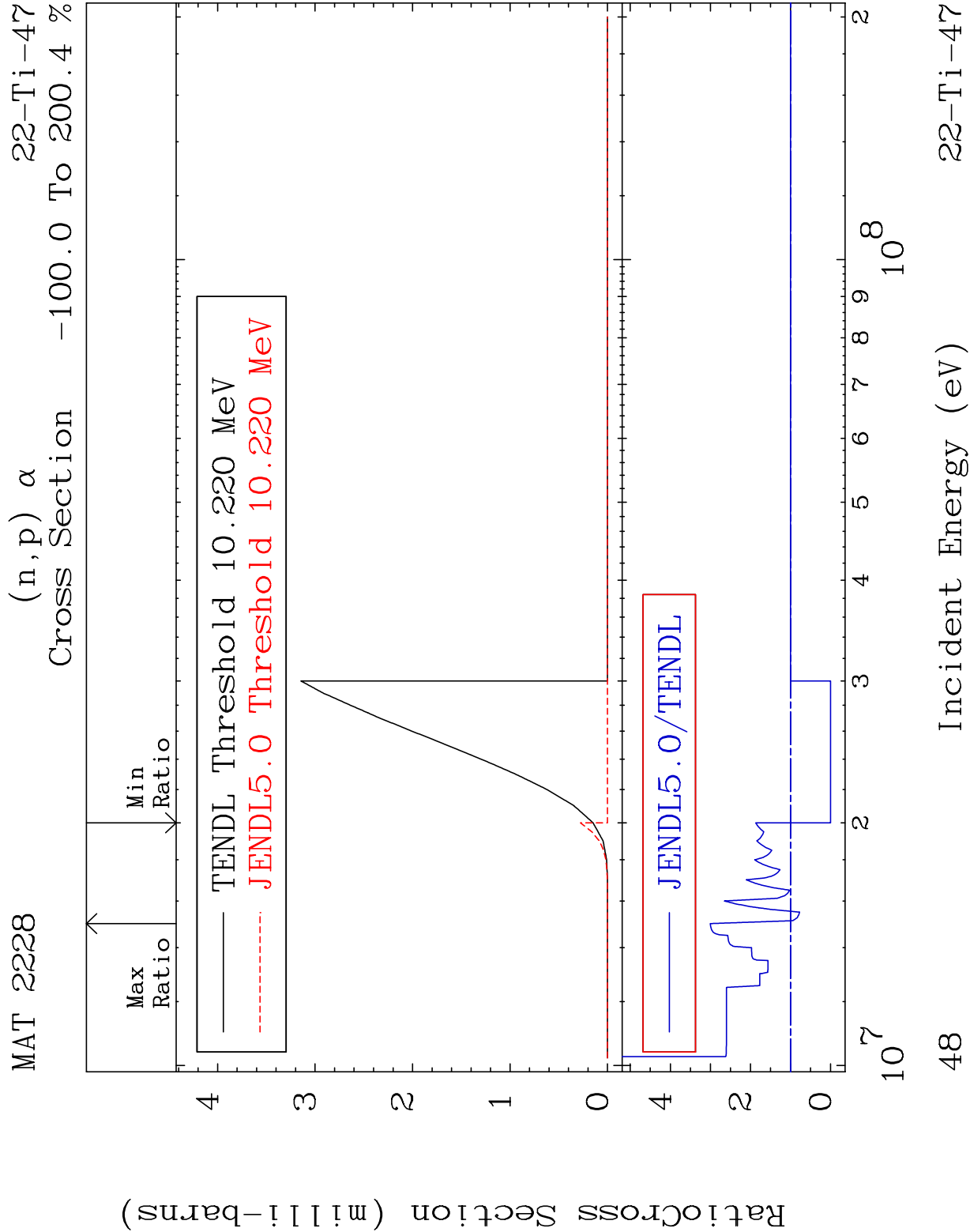
MAT 2228

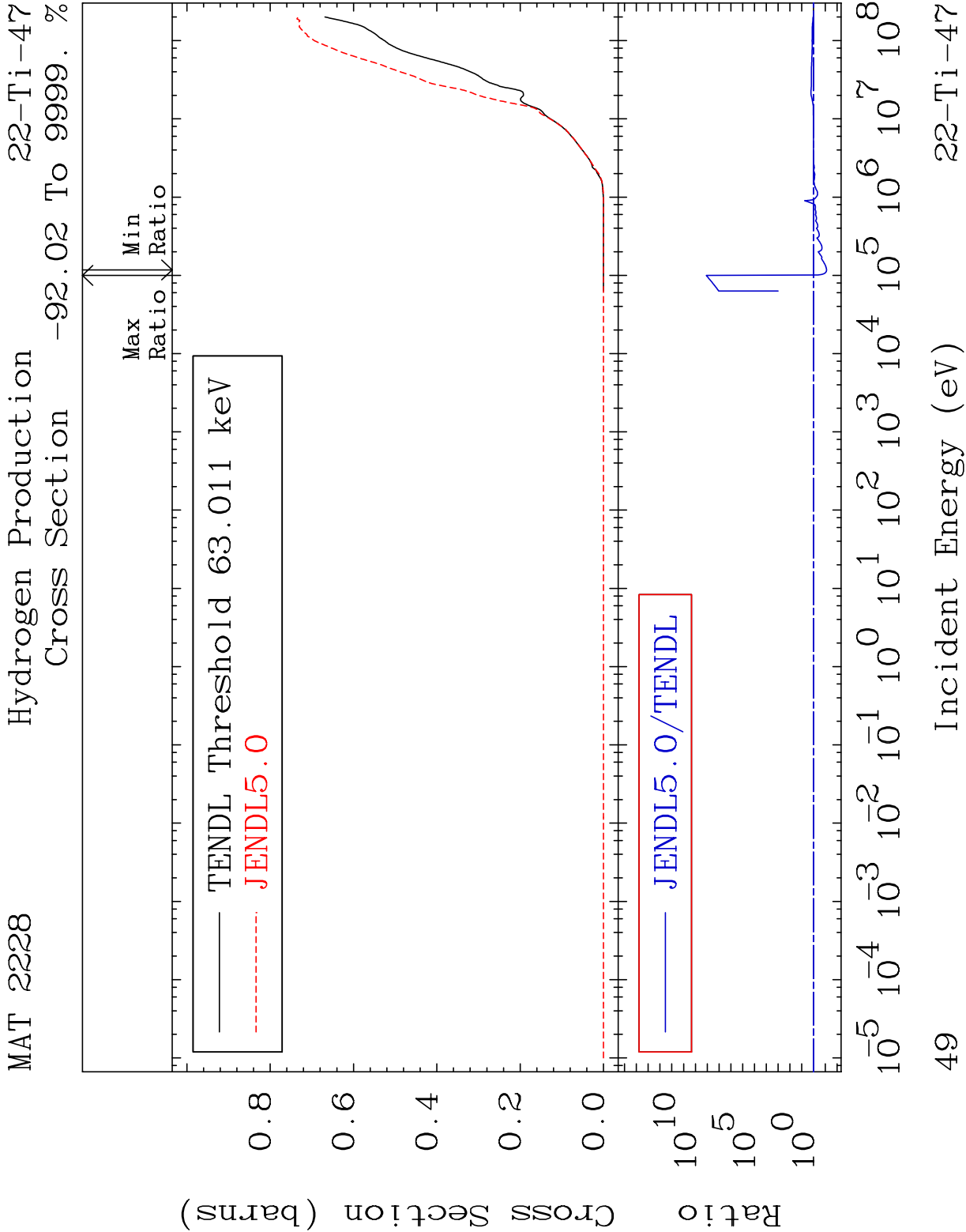
$$(n, 2p)$$

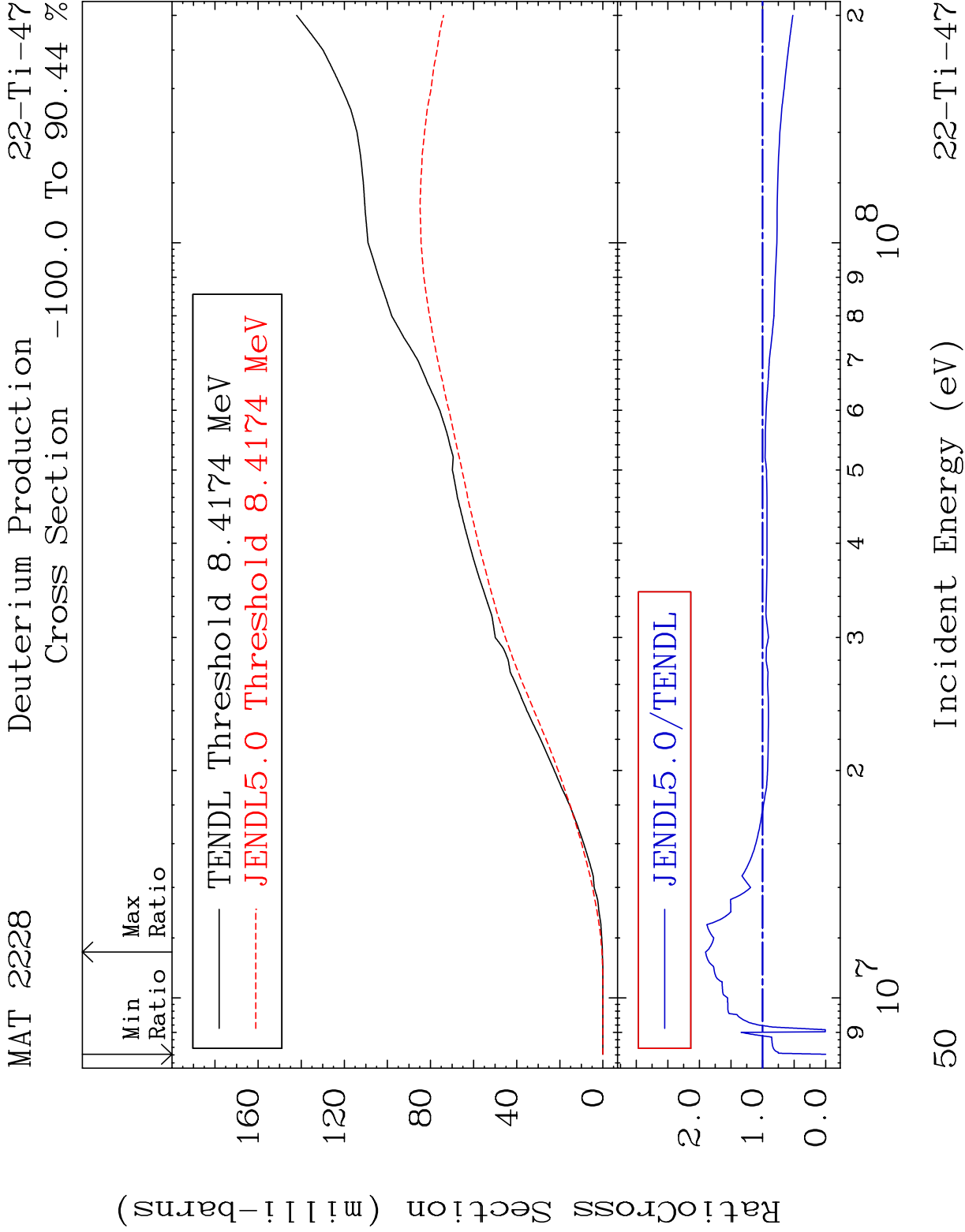
22-Ti-47

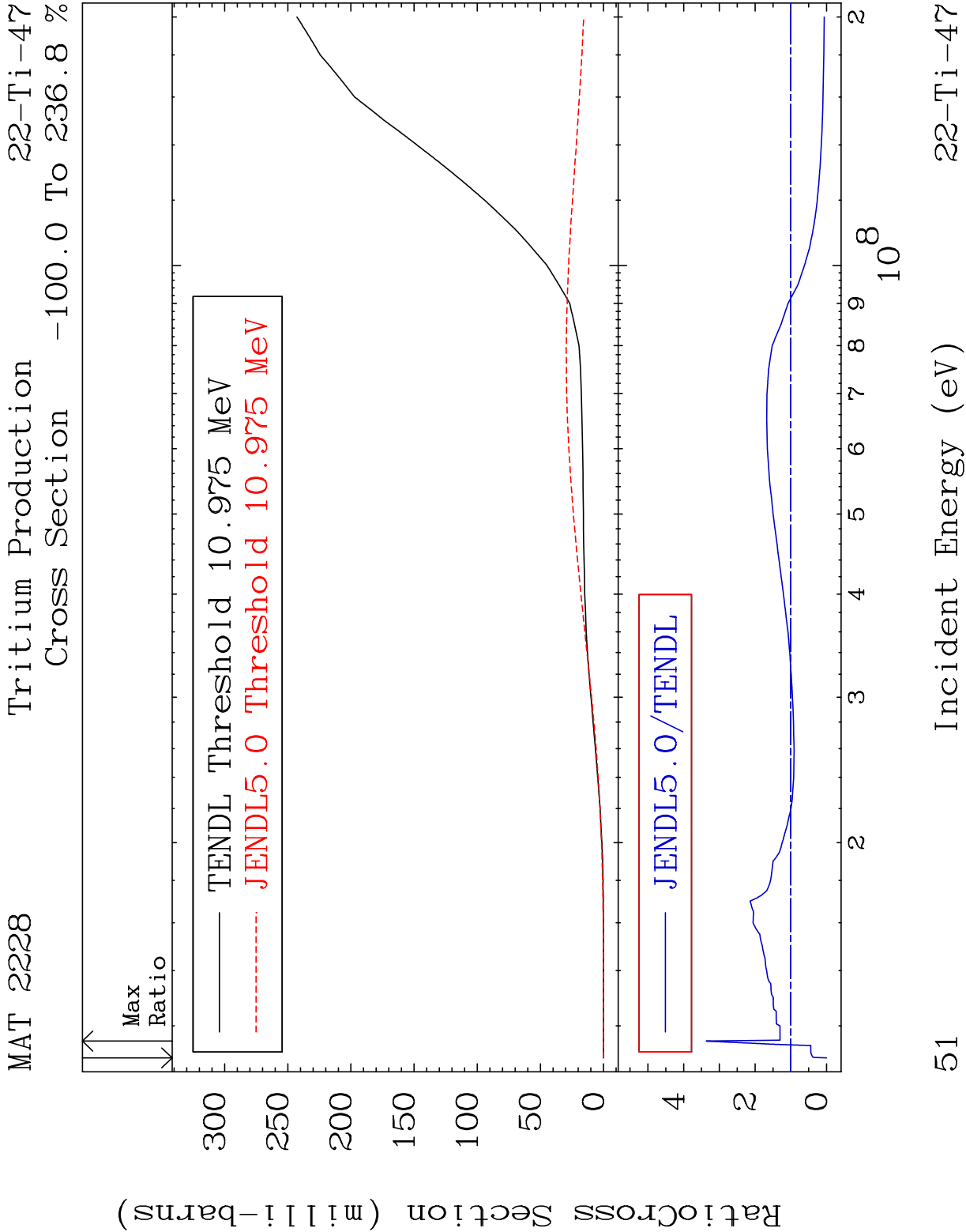
Cross Section

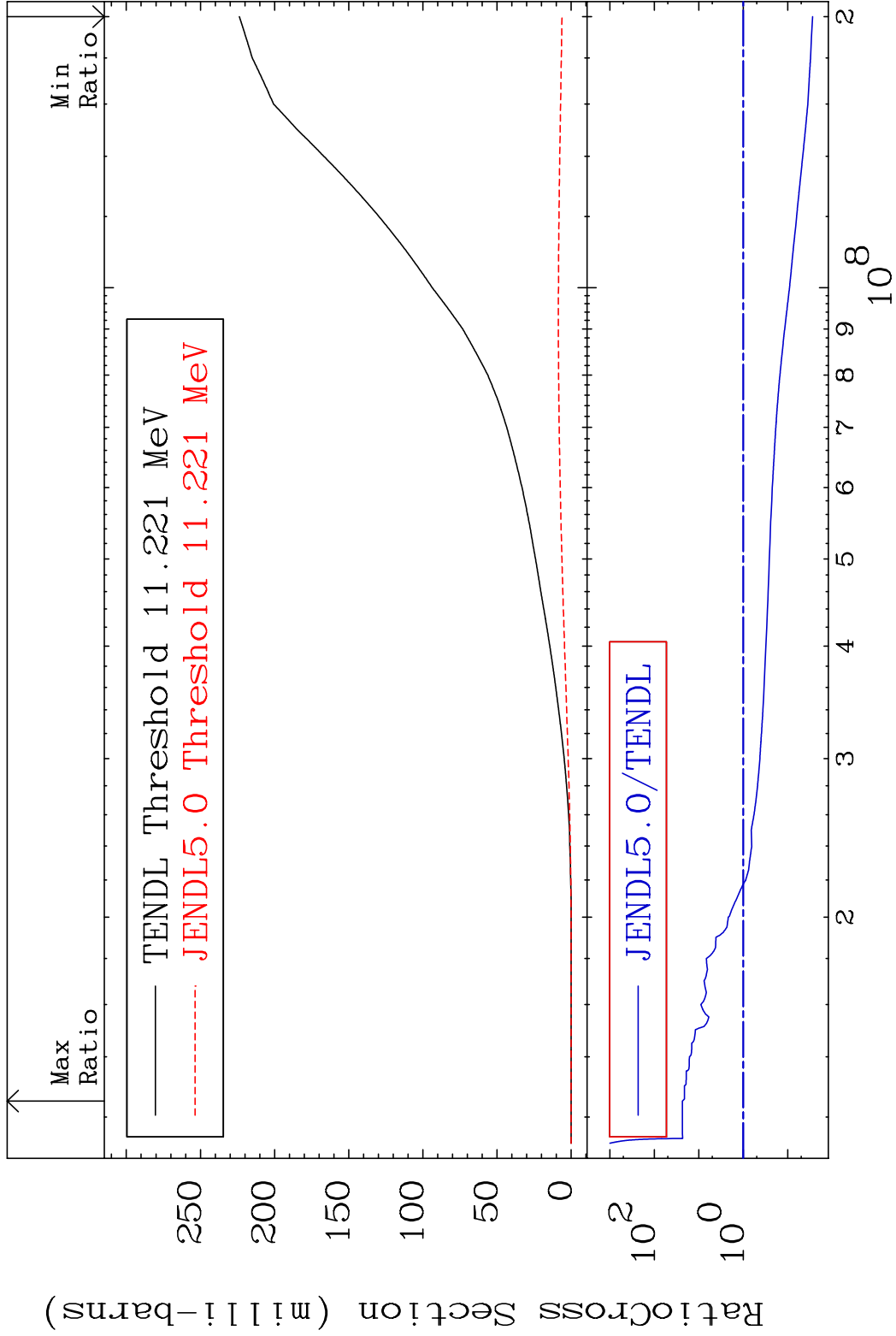


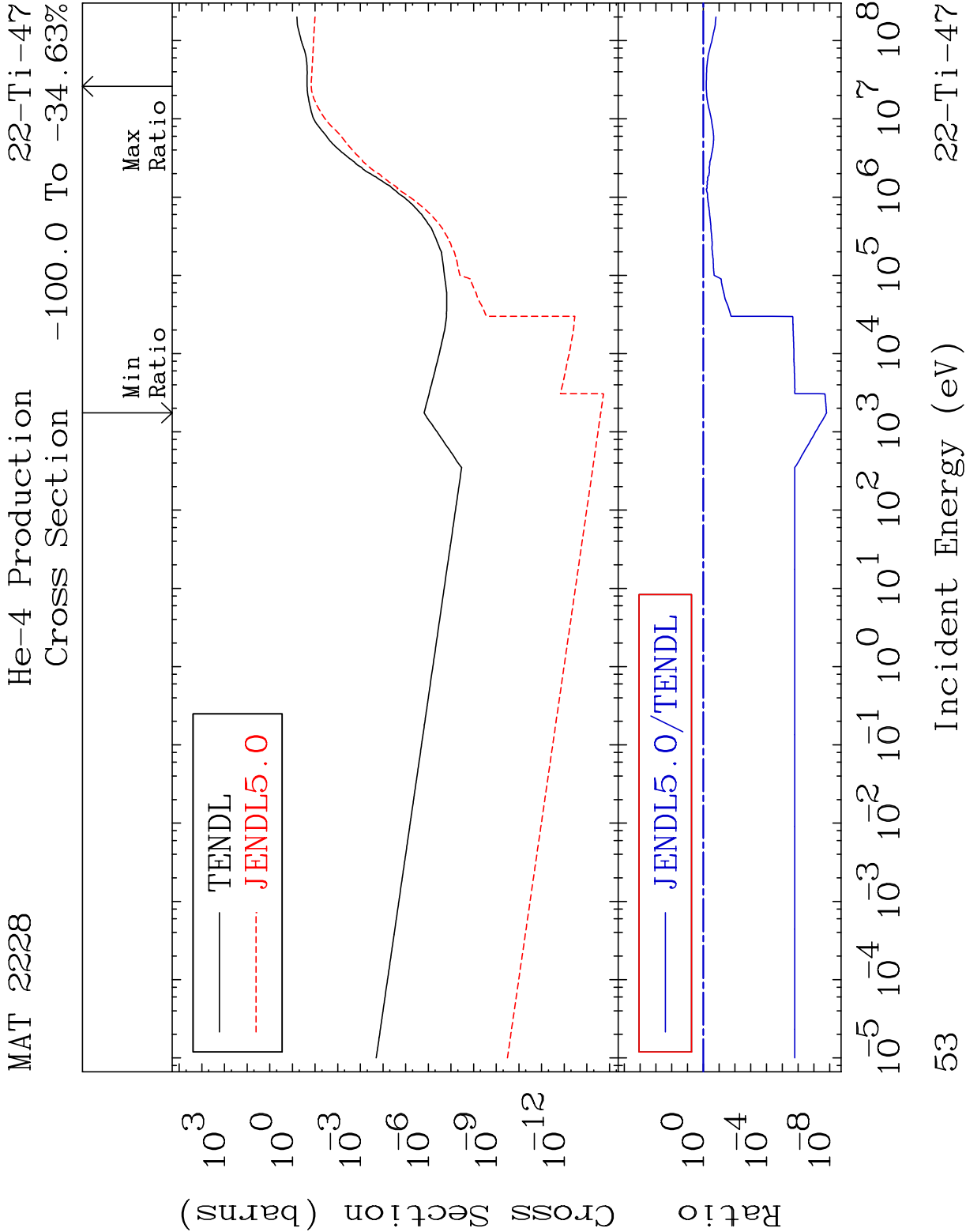


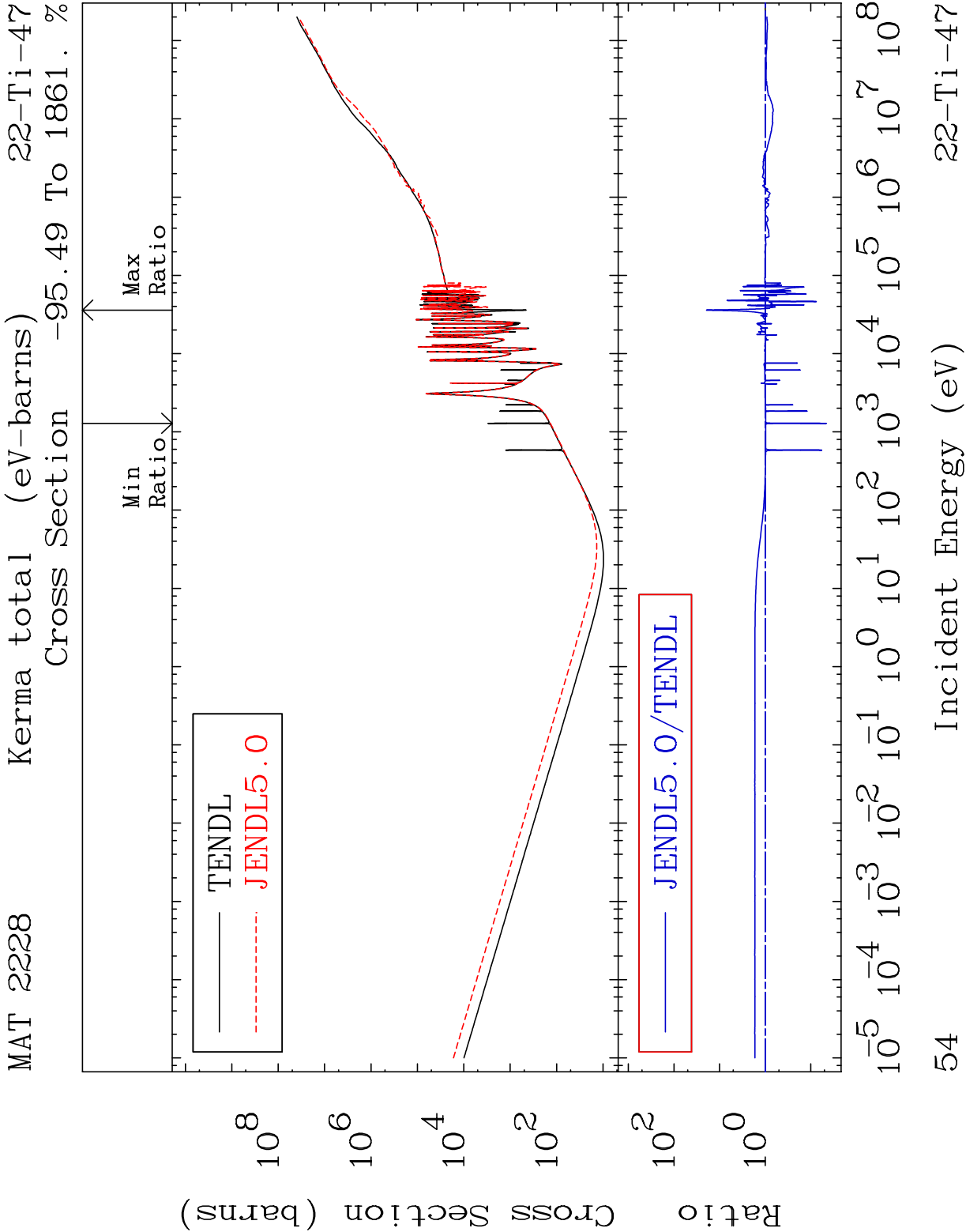


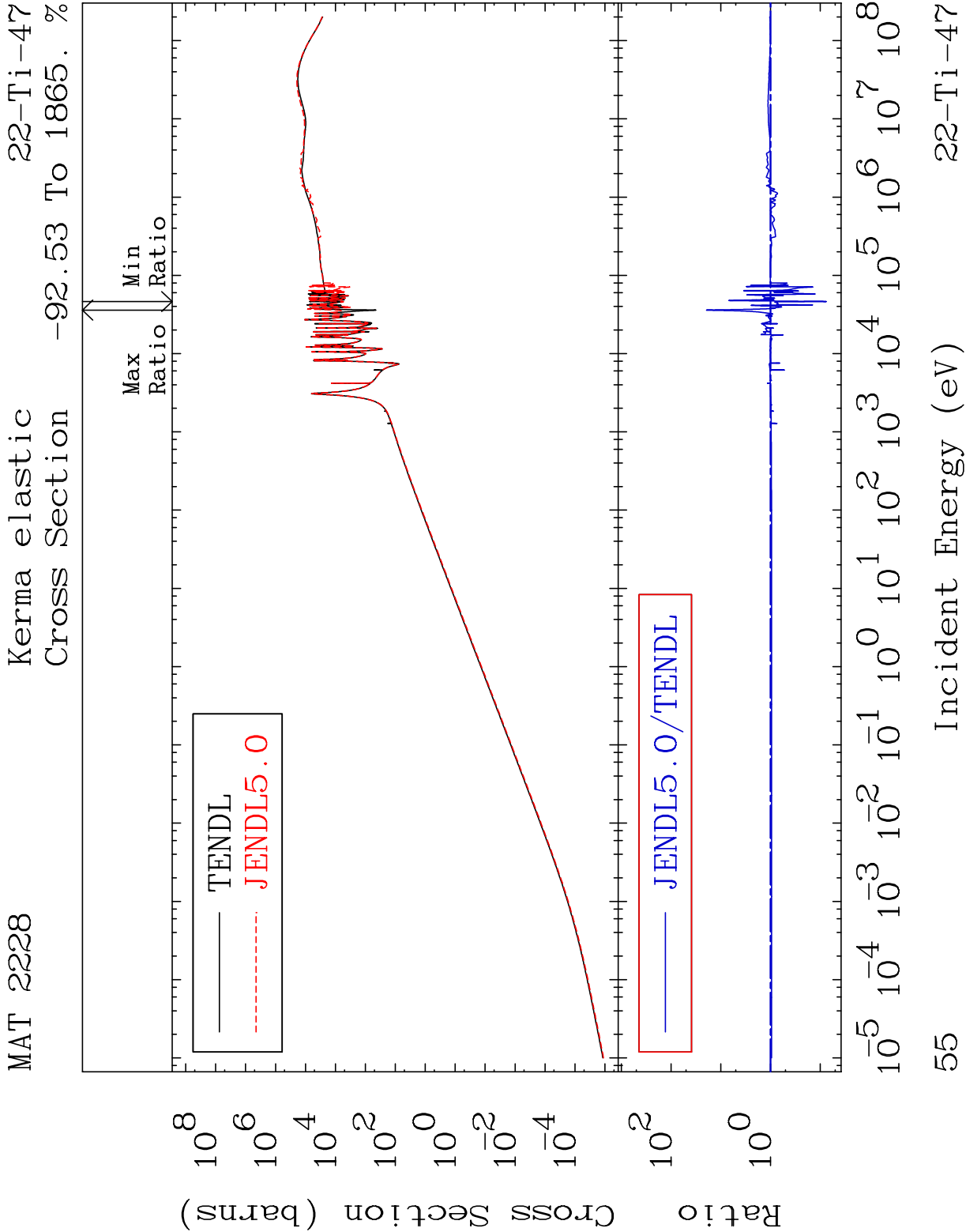




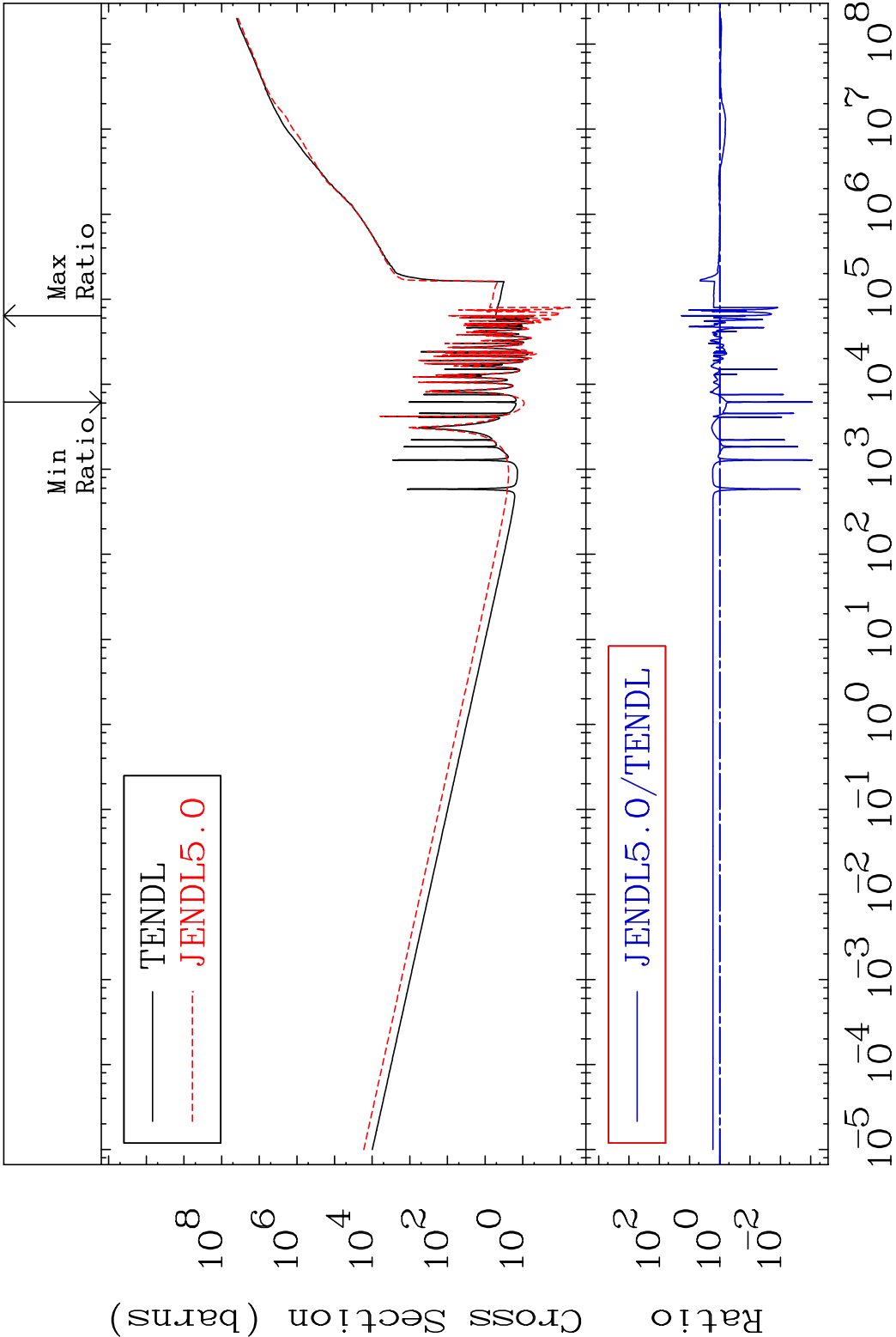


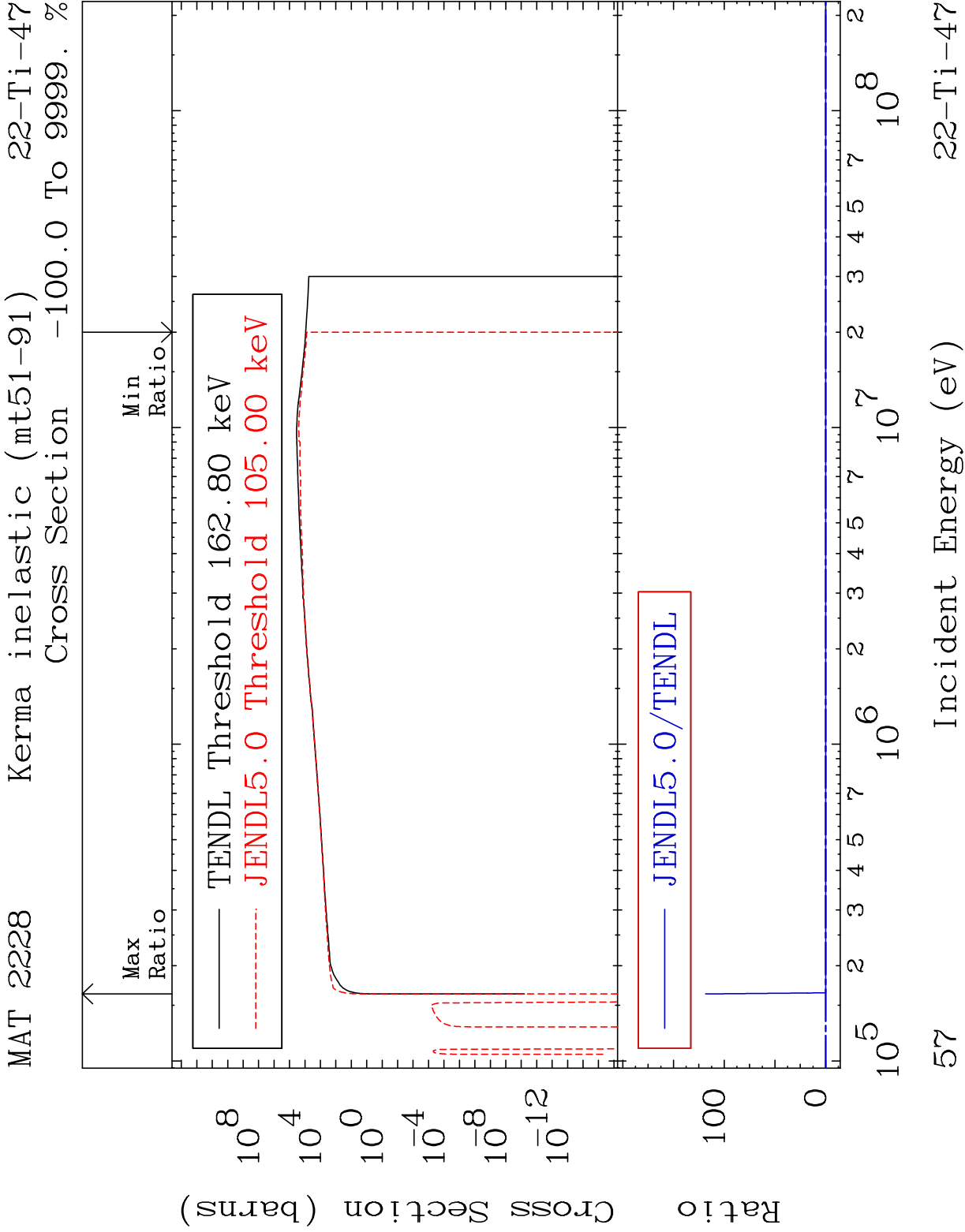






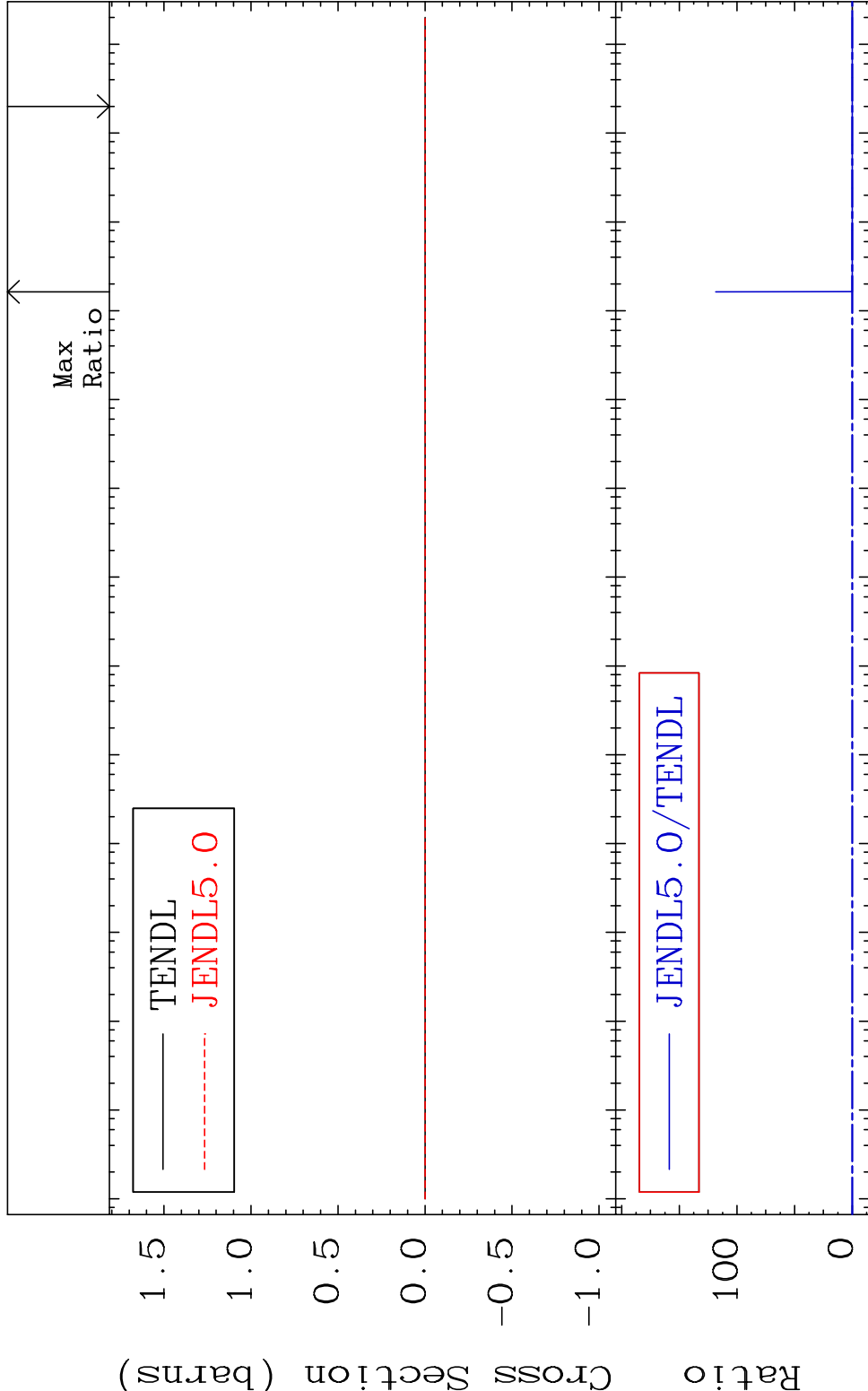
MAT 2228 Kerma non-elastic (all but mt2) 22-Ti-47
Cross Section -99.91 To 1740. %





MAT 2228Kerma fission (mt18 or mt19-20-21-38) 22-Ti-47

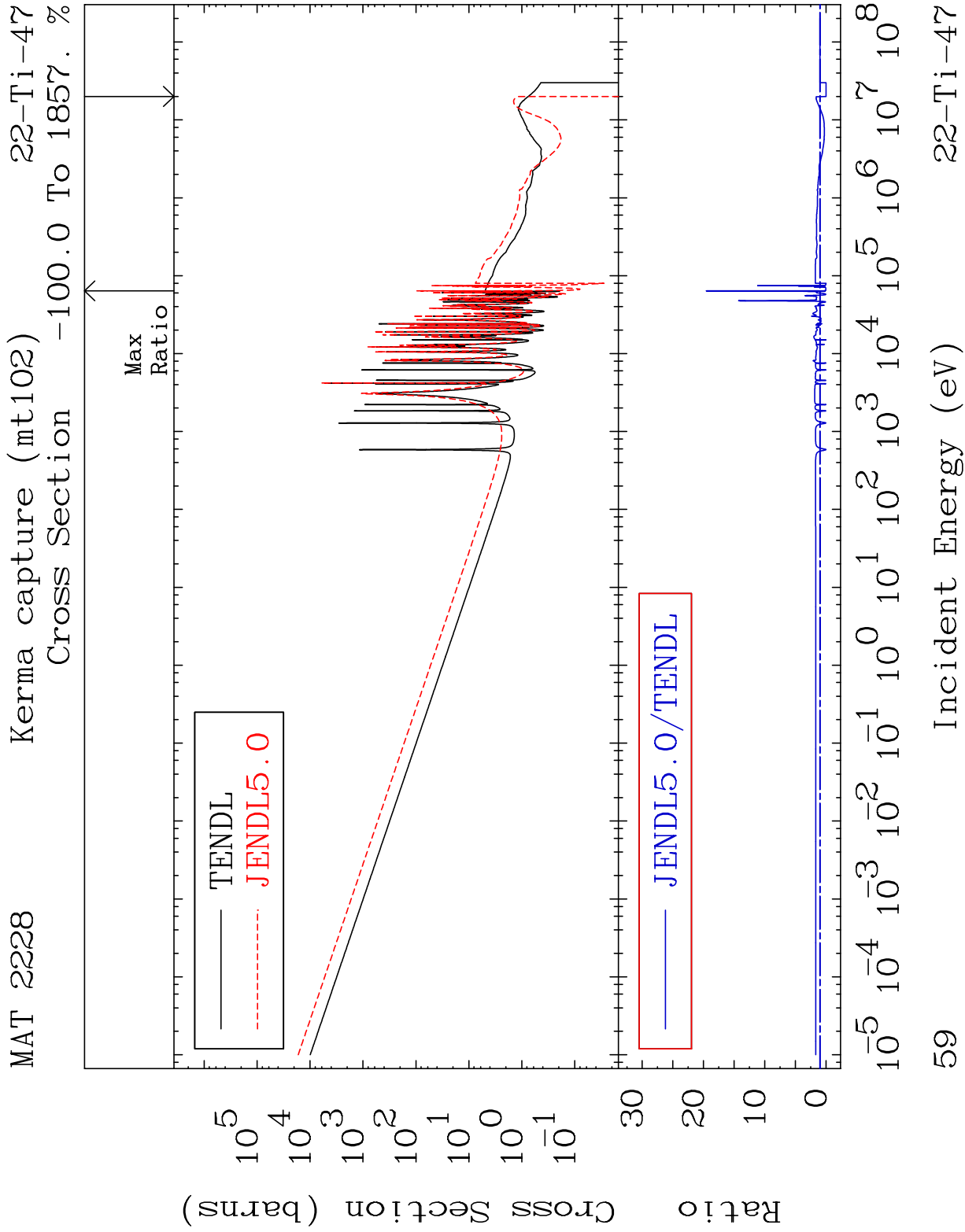
Cross Section -100.0 To 9999. %

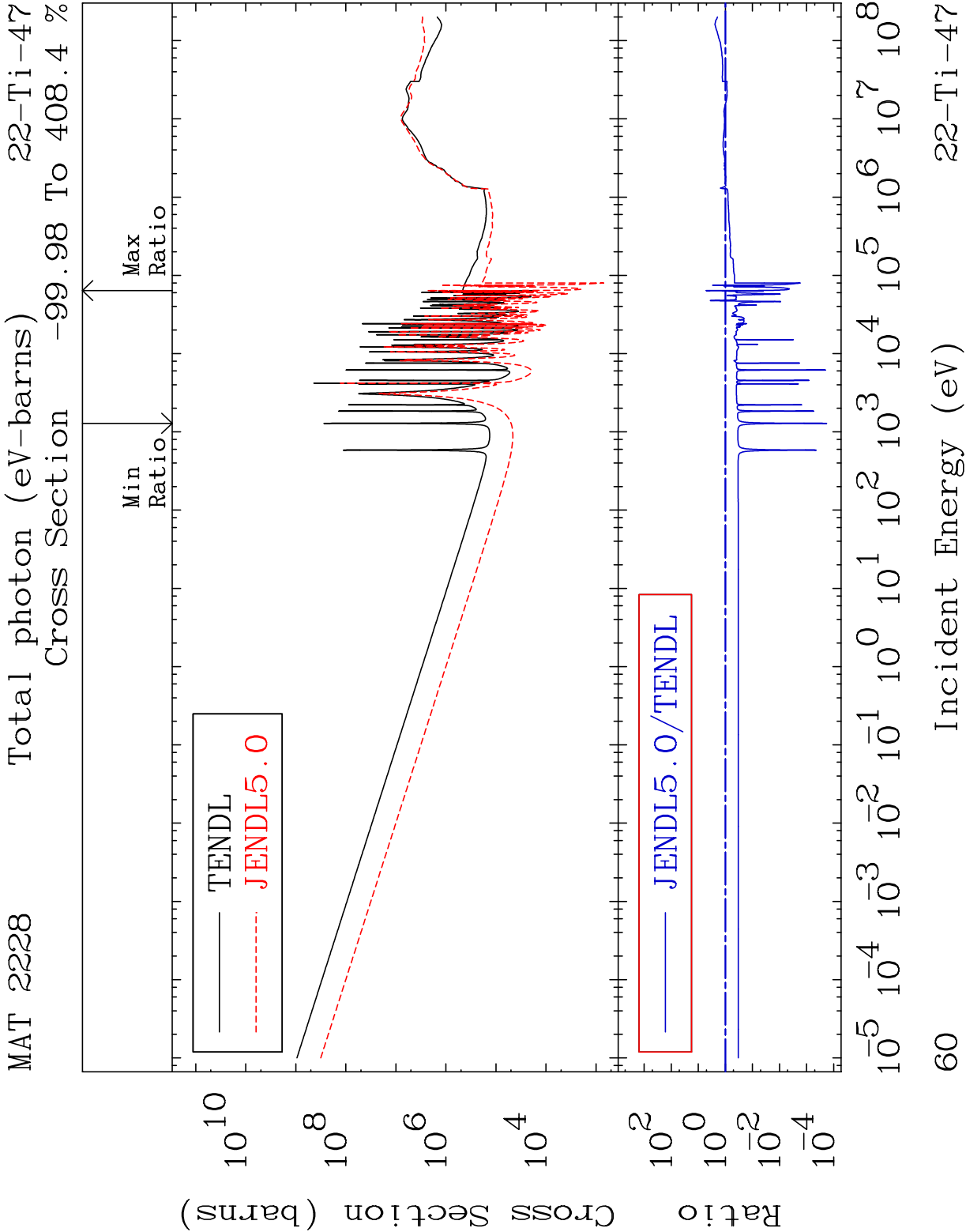


58

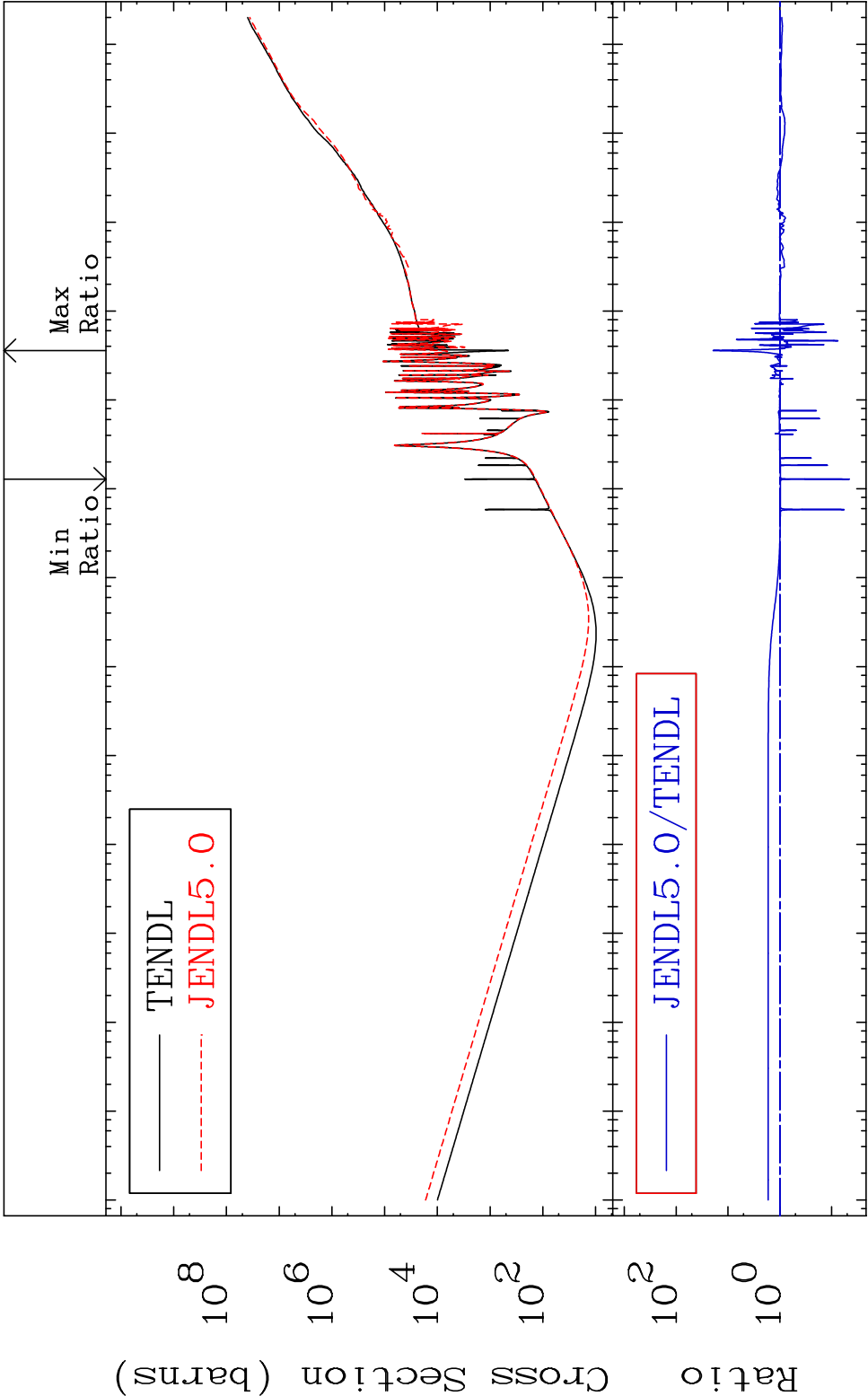
Incident Energy (eV)

22-Ti-47



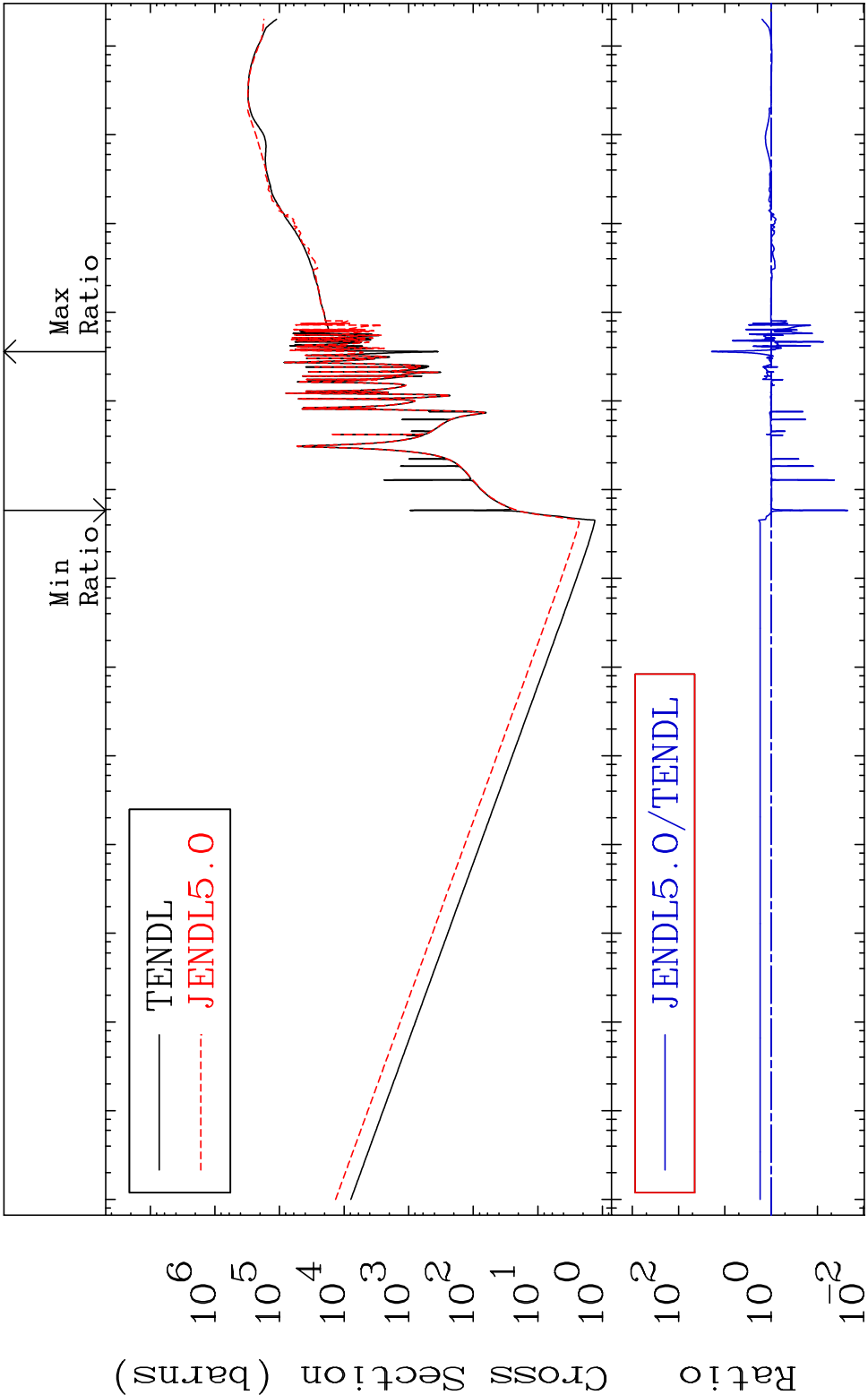


MAT 2228 Total kinematic kerma (high limit) 22-Ti-47
Cross Section -95.49 To 1861. %



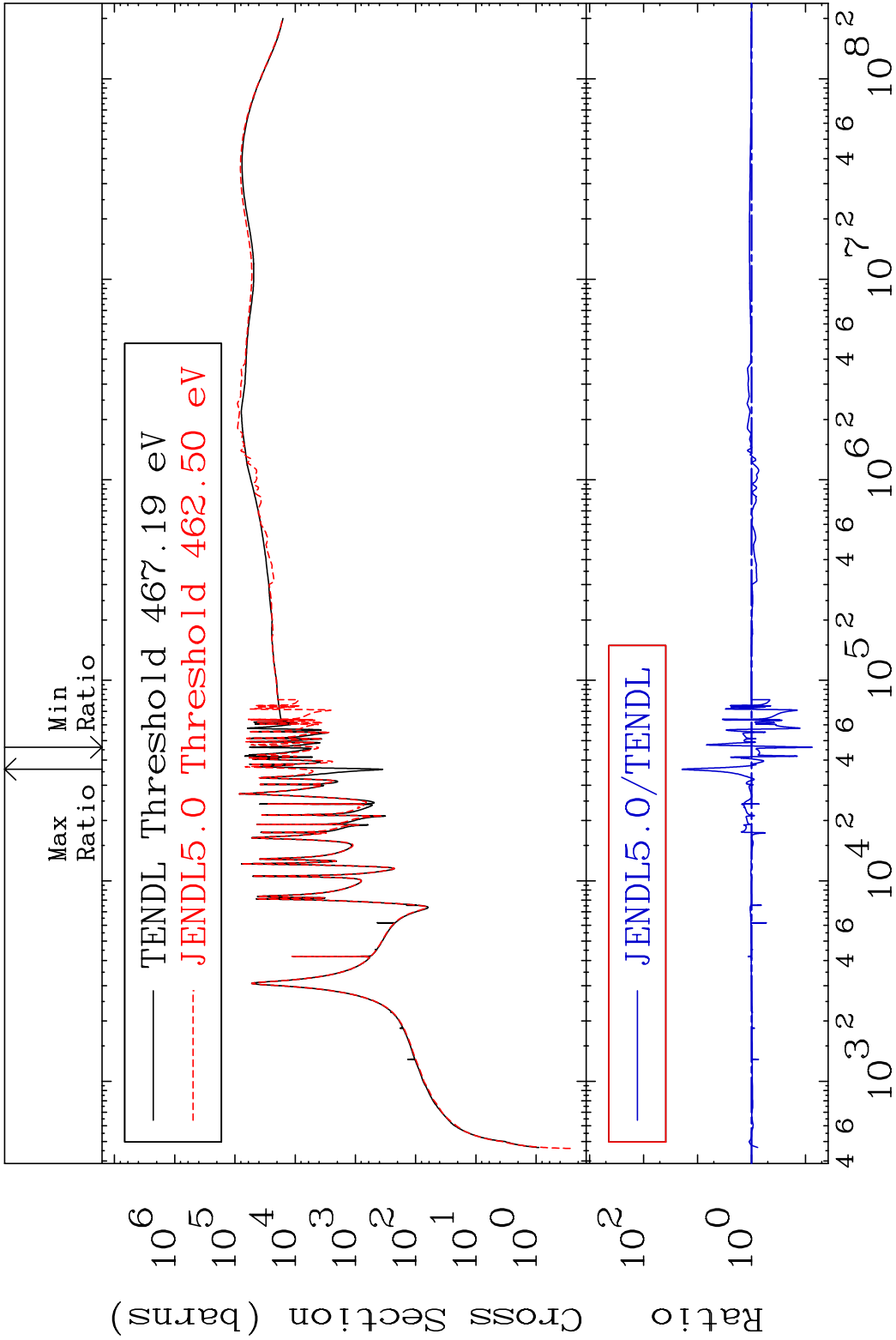
61 Incident Energy (eV) 22-Ti-47

MAT 2228 Dpa total (eV-barns) 22-Ti-47
Cross Section -97.80 To 1862. %

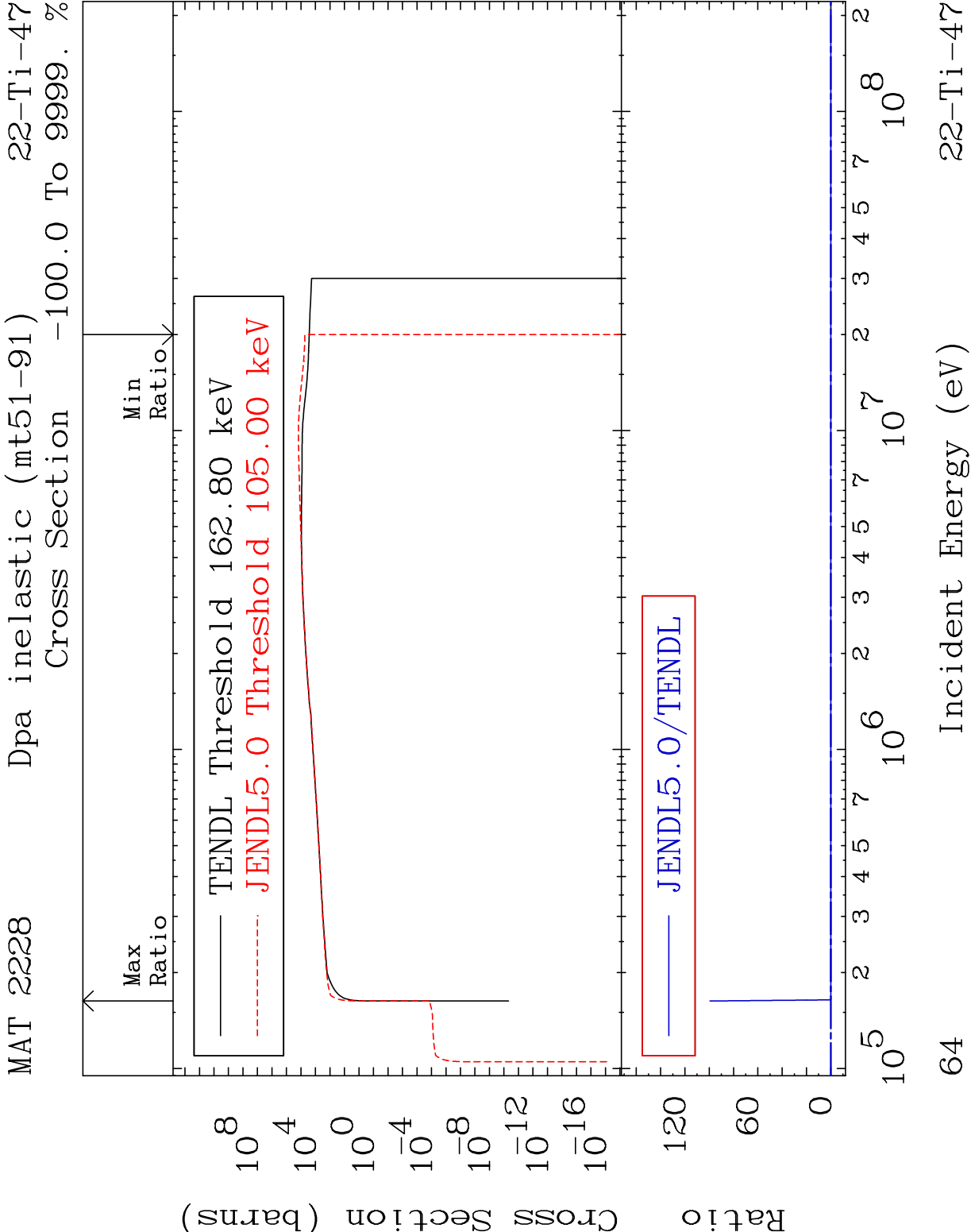


62 Incident Energy (eV) 22-Ti-47

MAT 2228	Dpa elastic (mt2)	22-Ti-47
	Cross Section	-92.54 To 1865. %

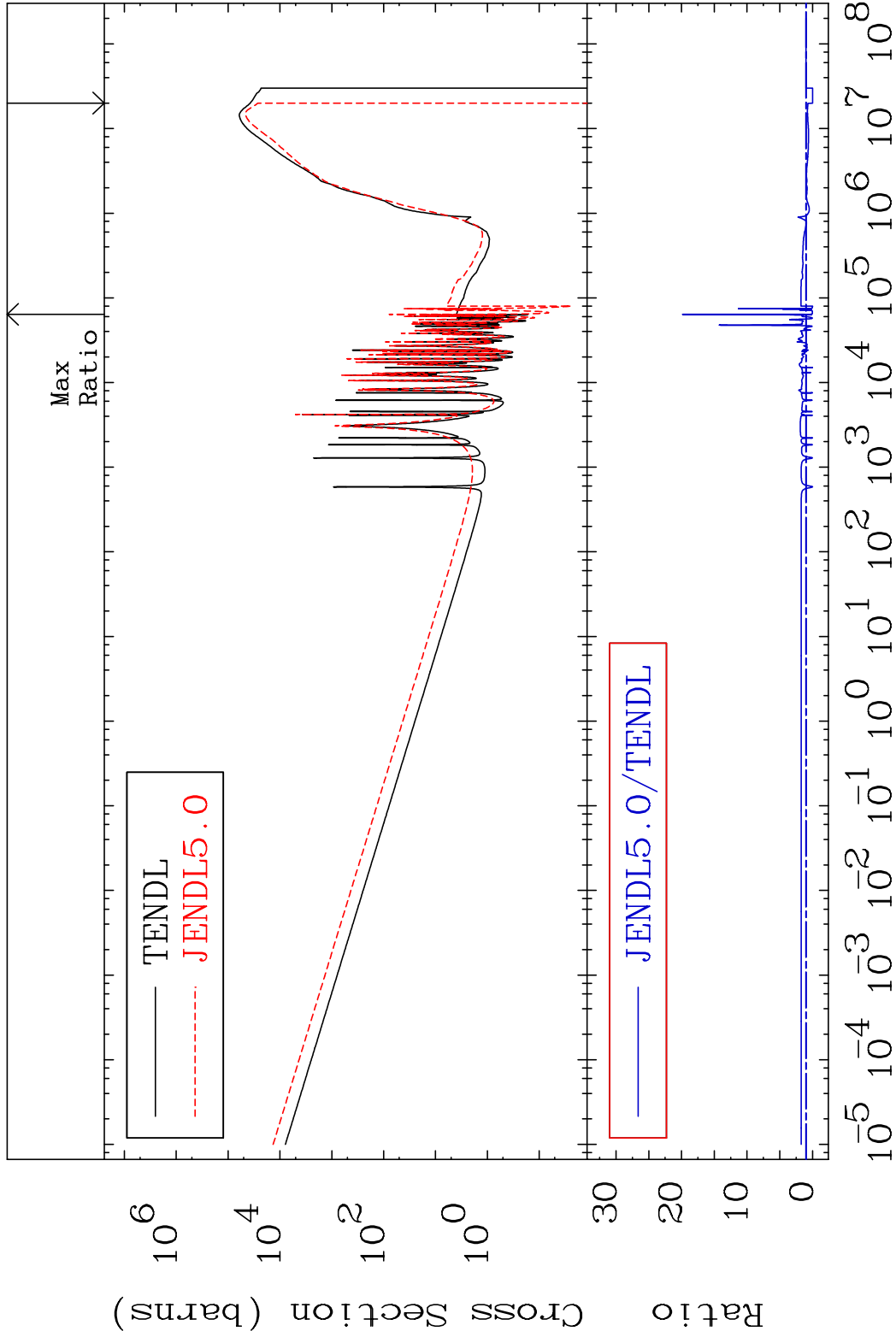


63	Incident Energy (eV)	22-Ti-47
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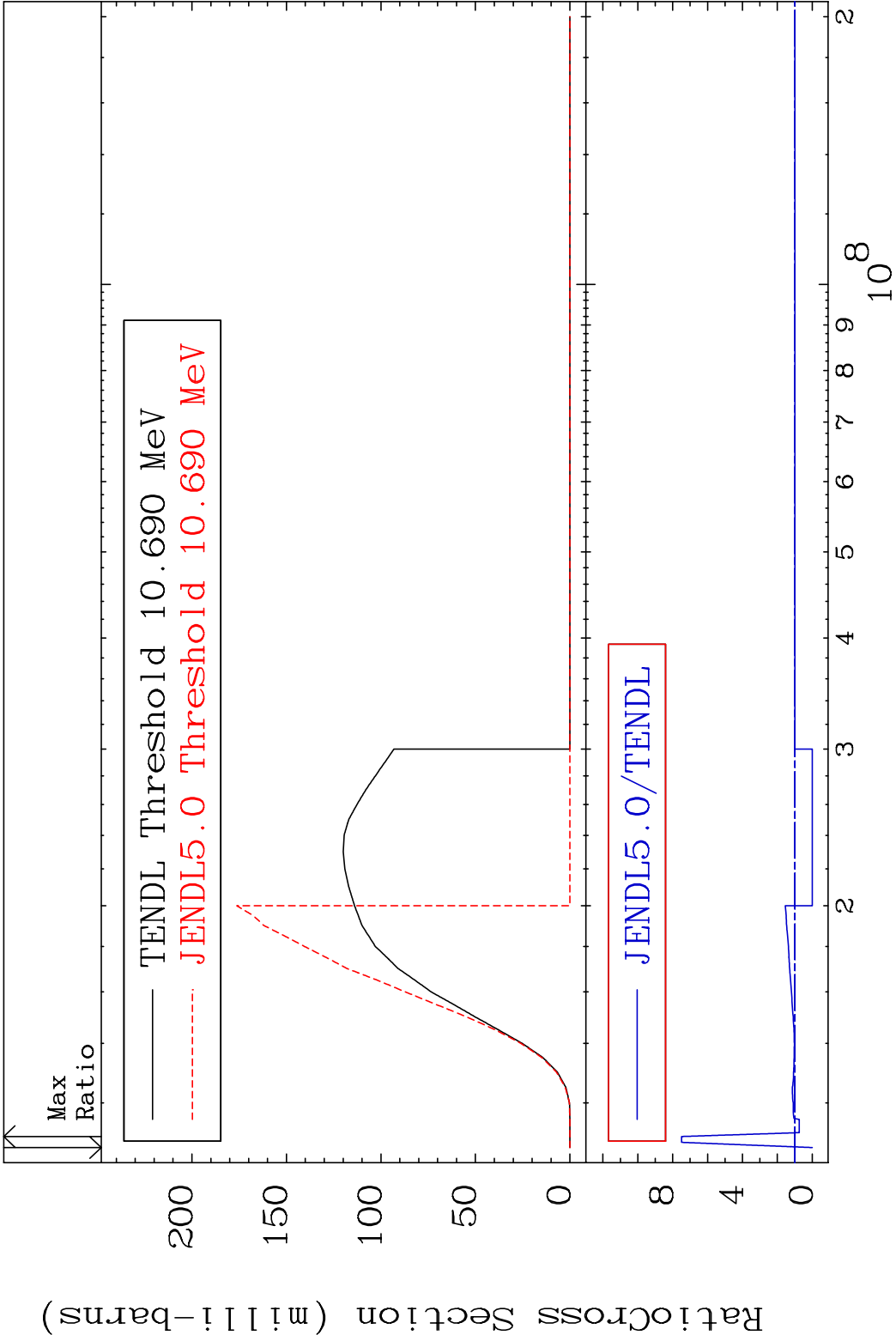


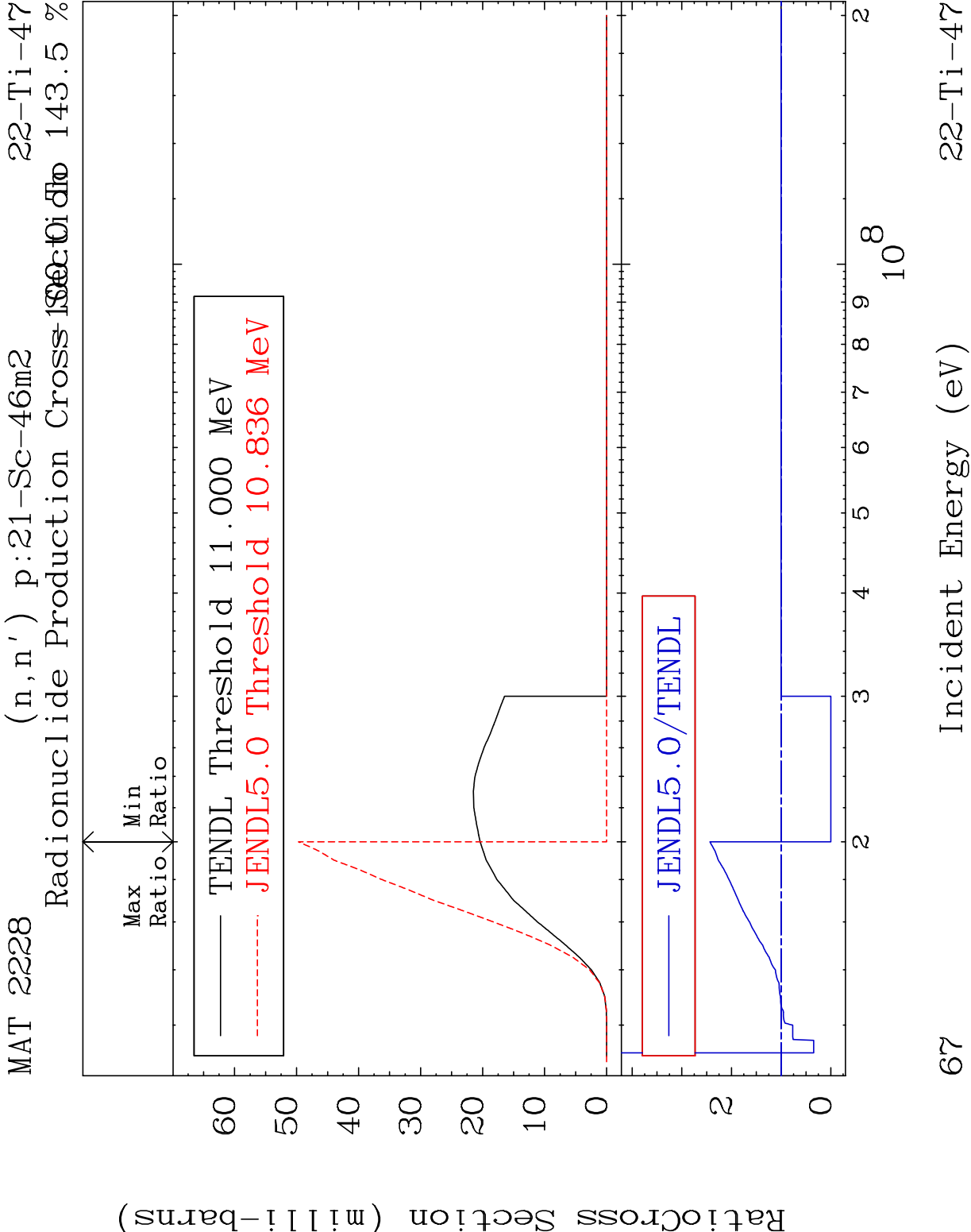
MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47

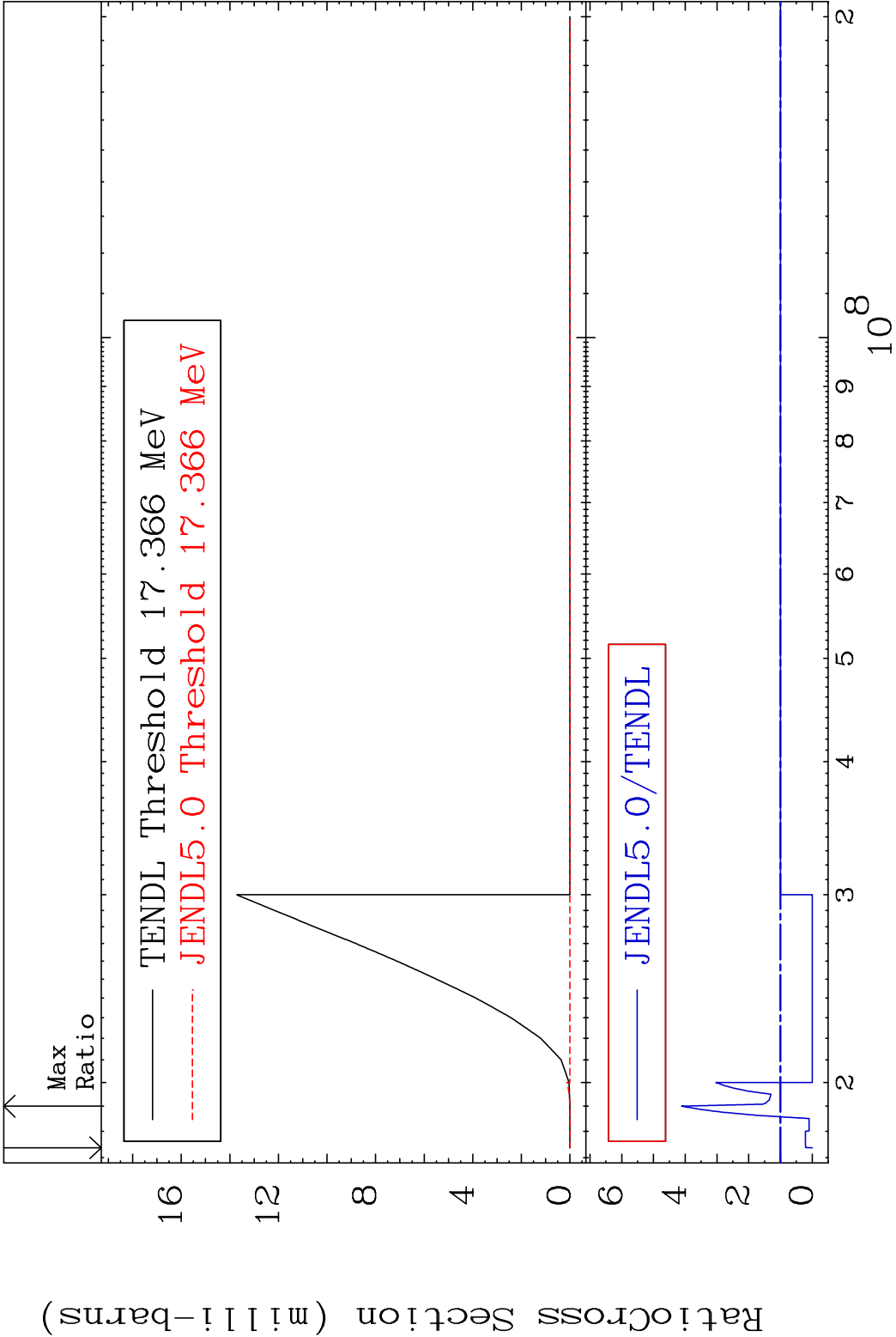
Cross Section -100.0 To 1887. %

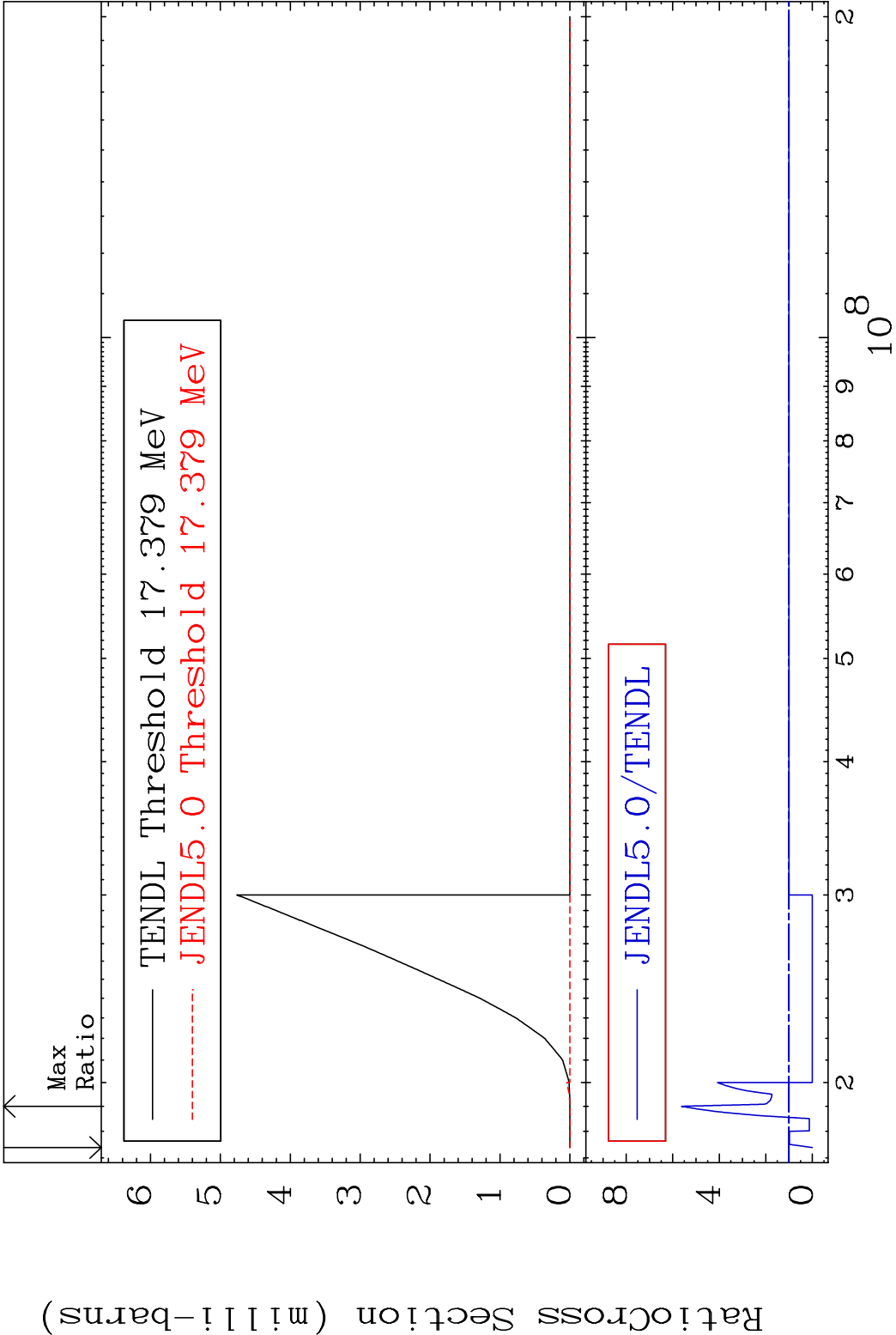


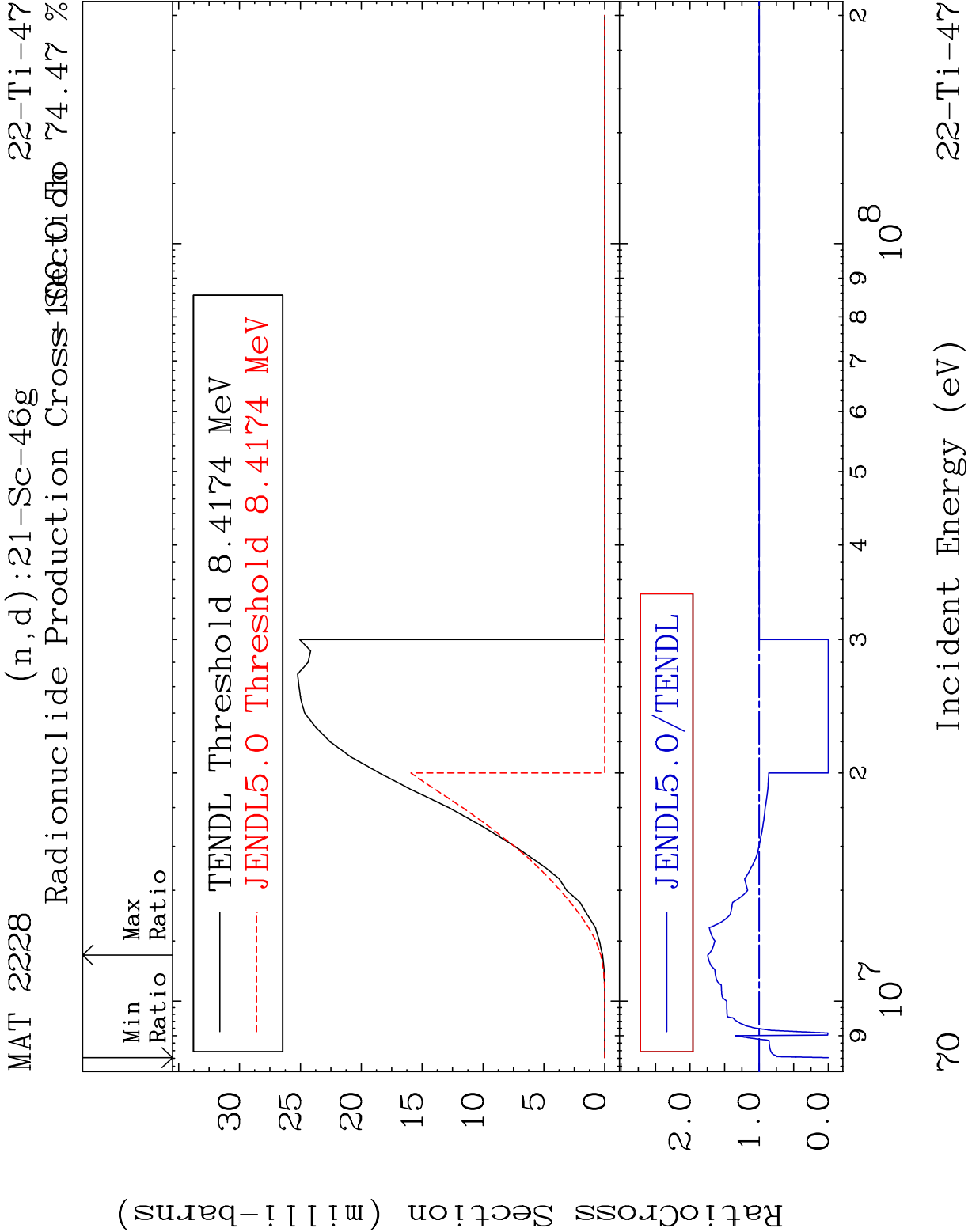
65 Incident Energy (eV) 22-Ti-47

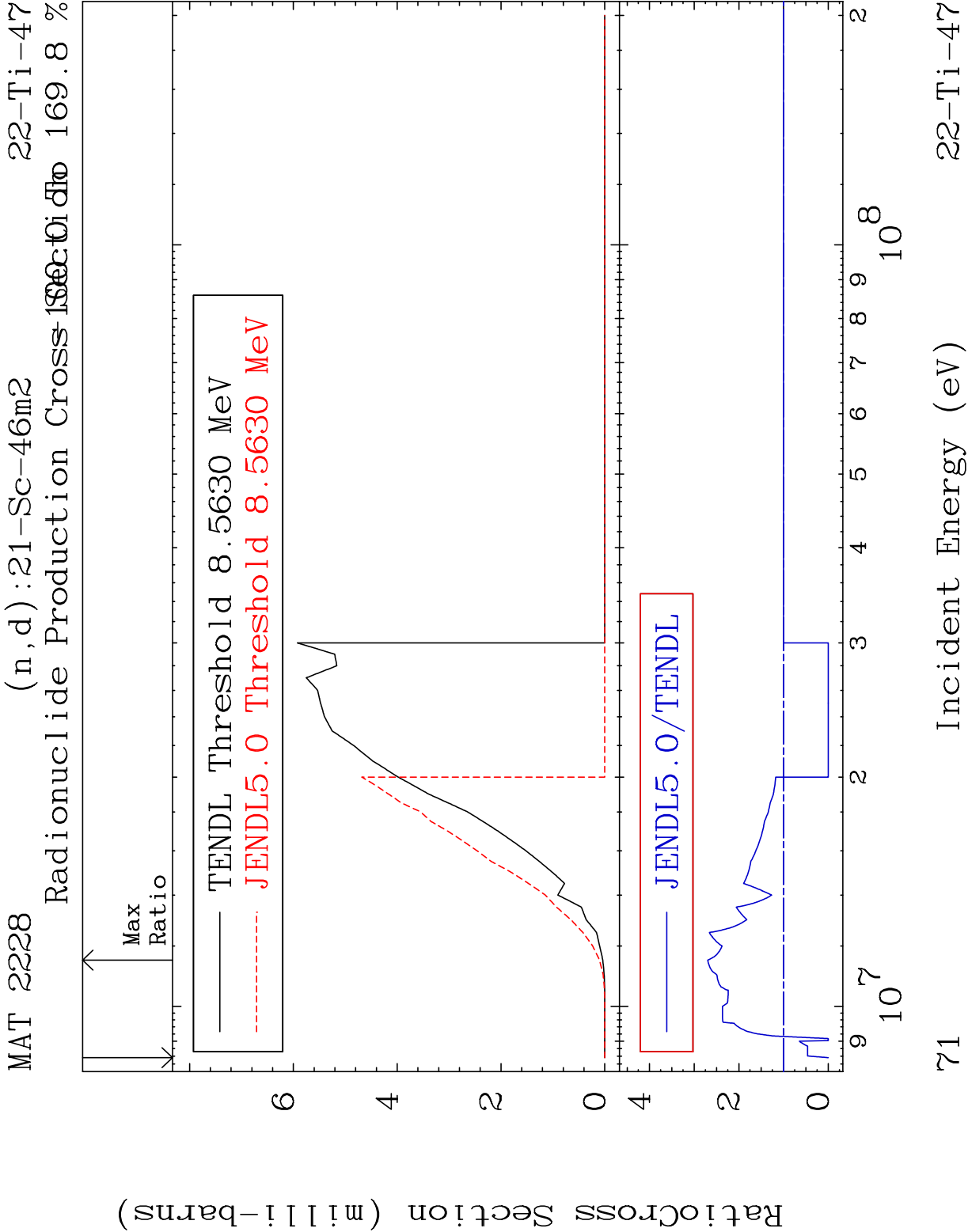


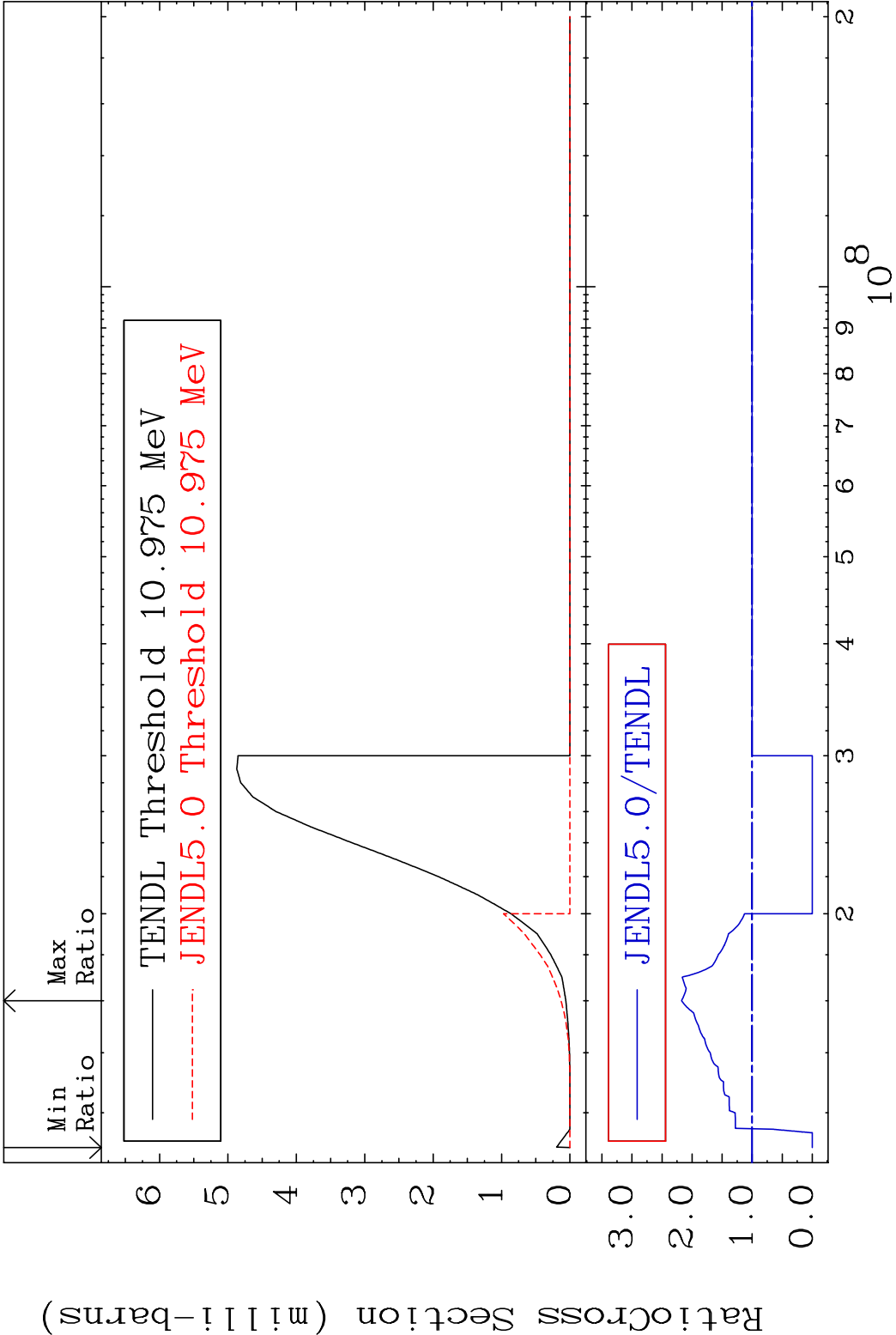


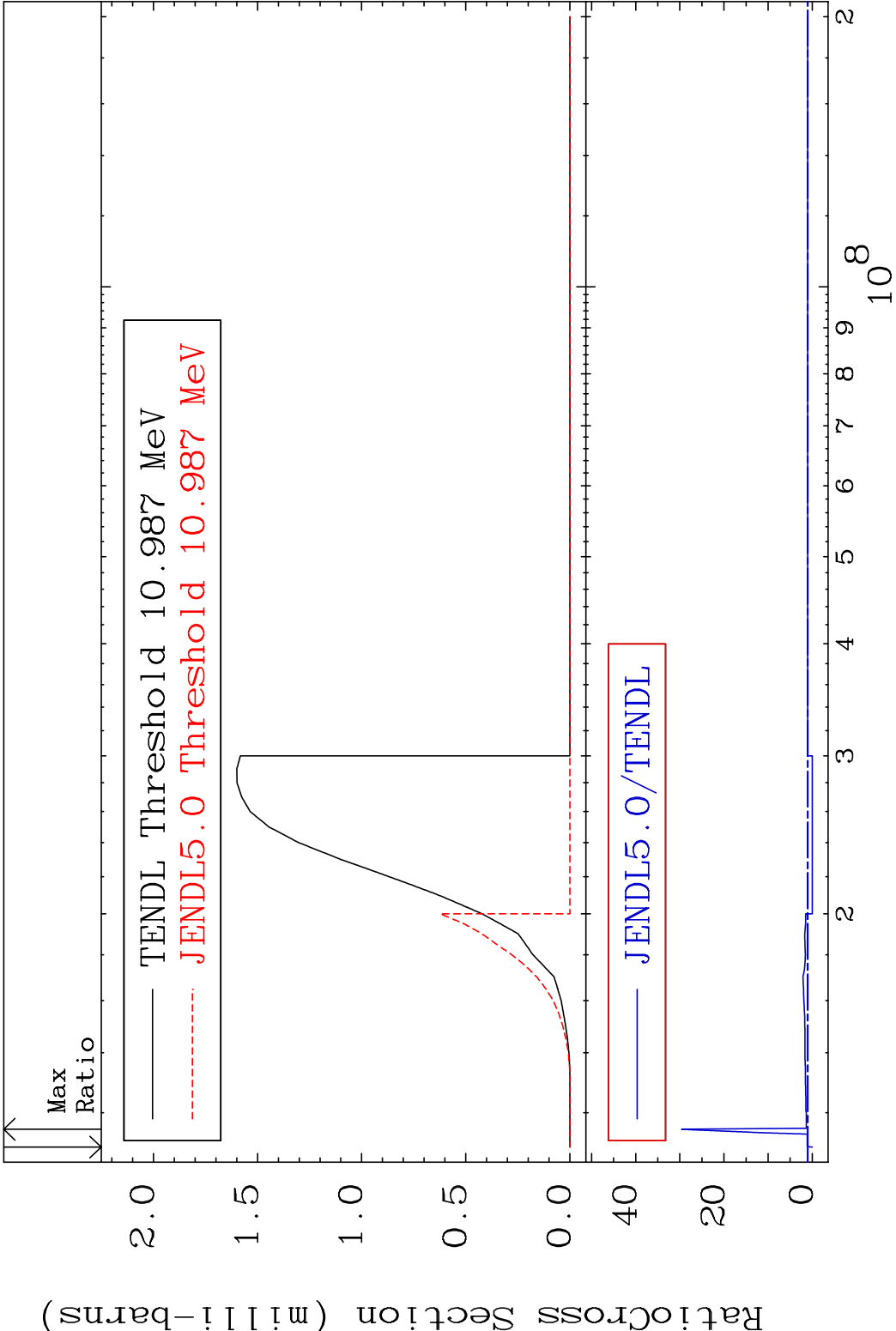


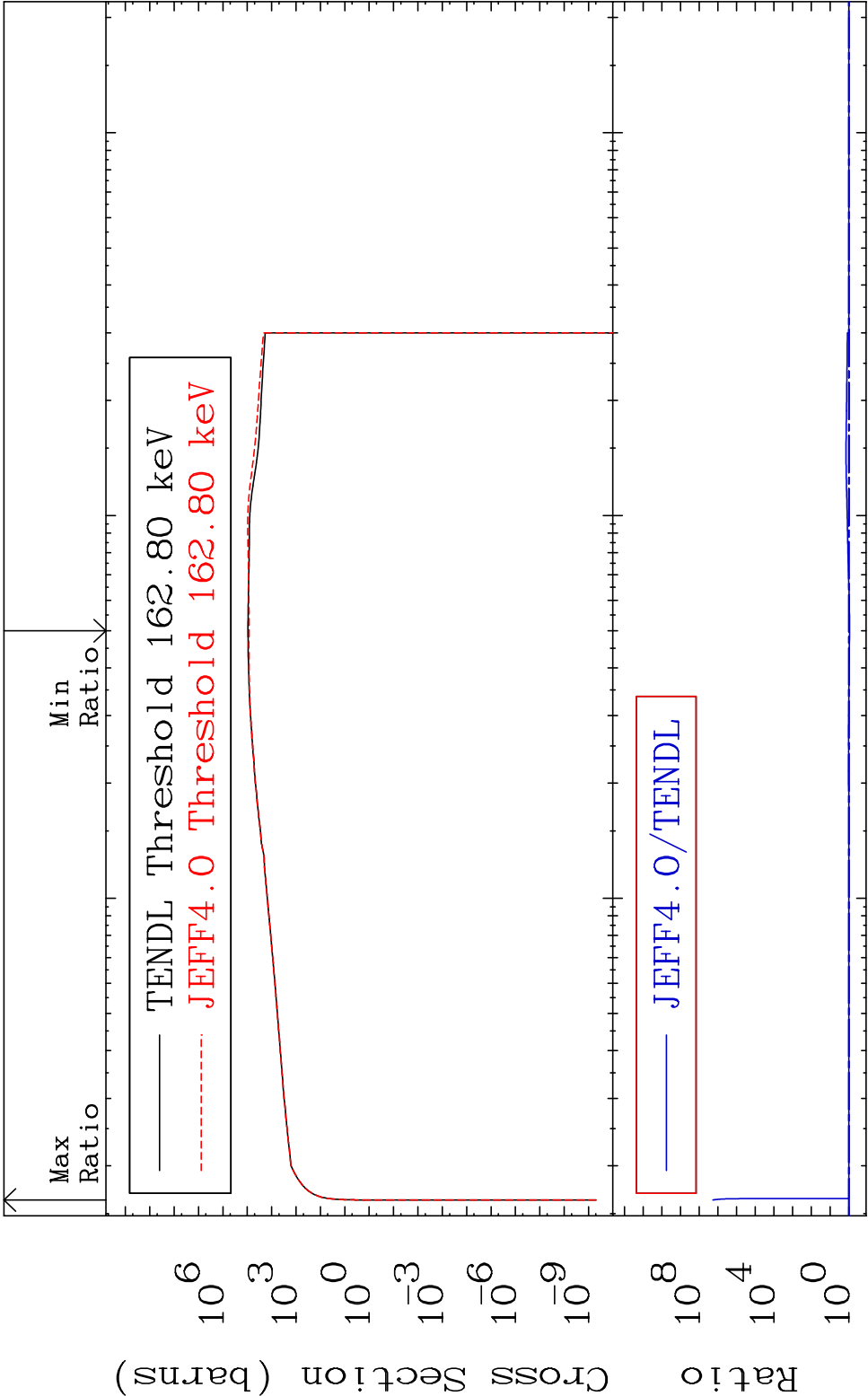




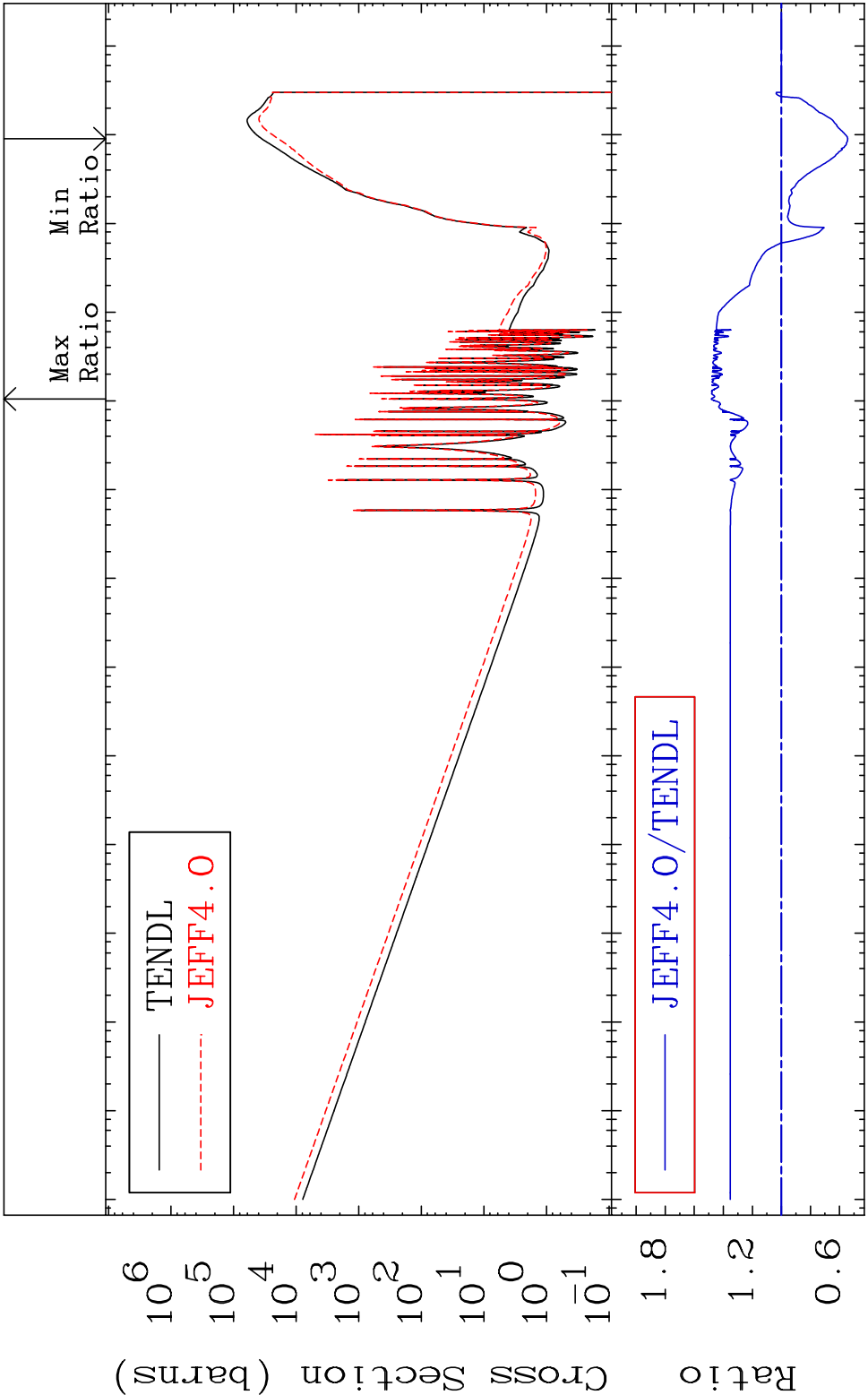




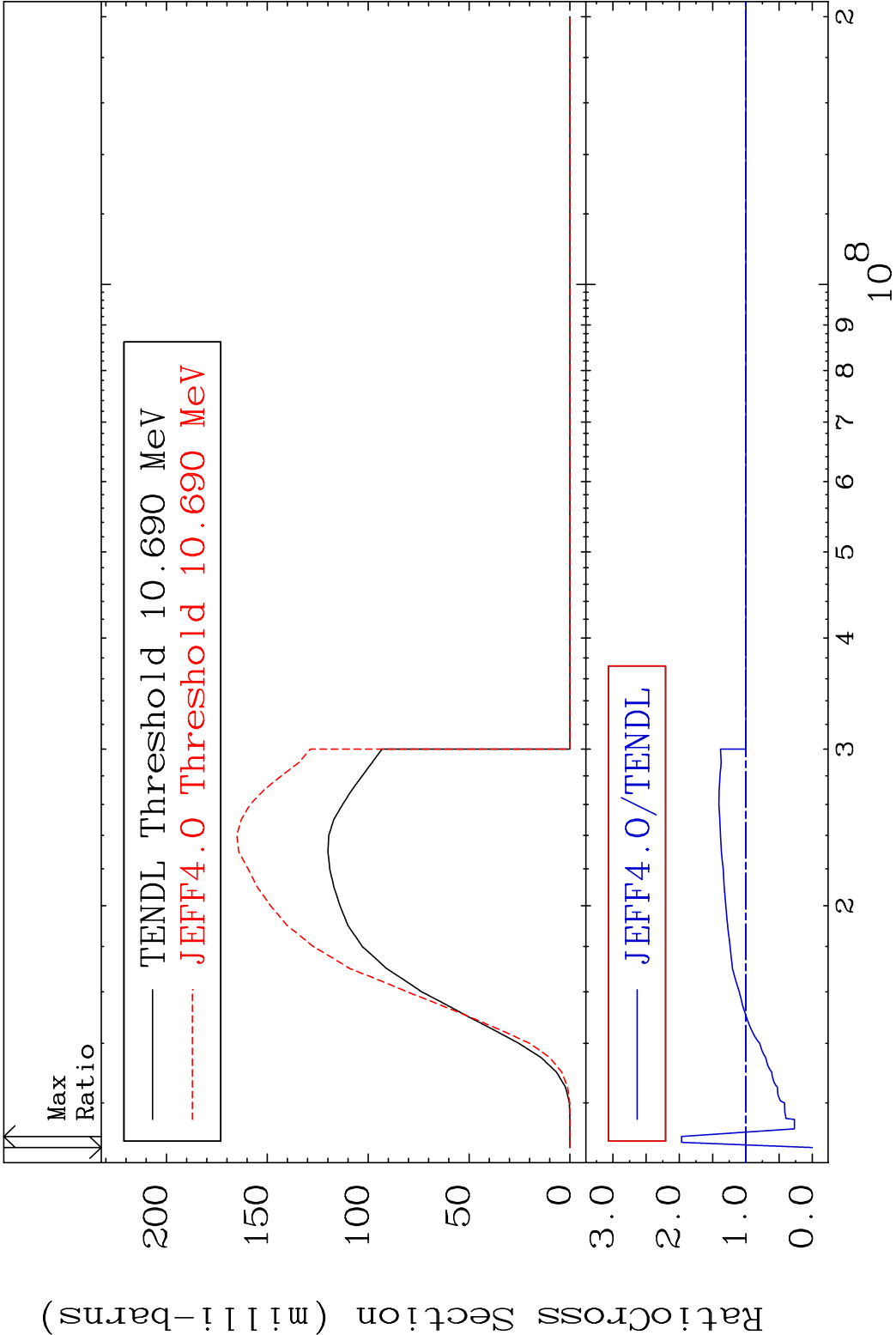


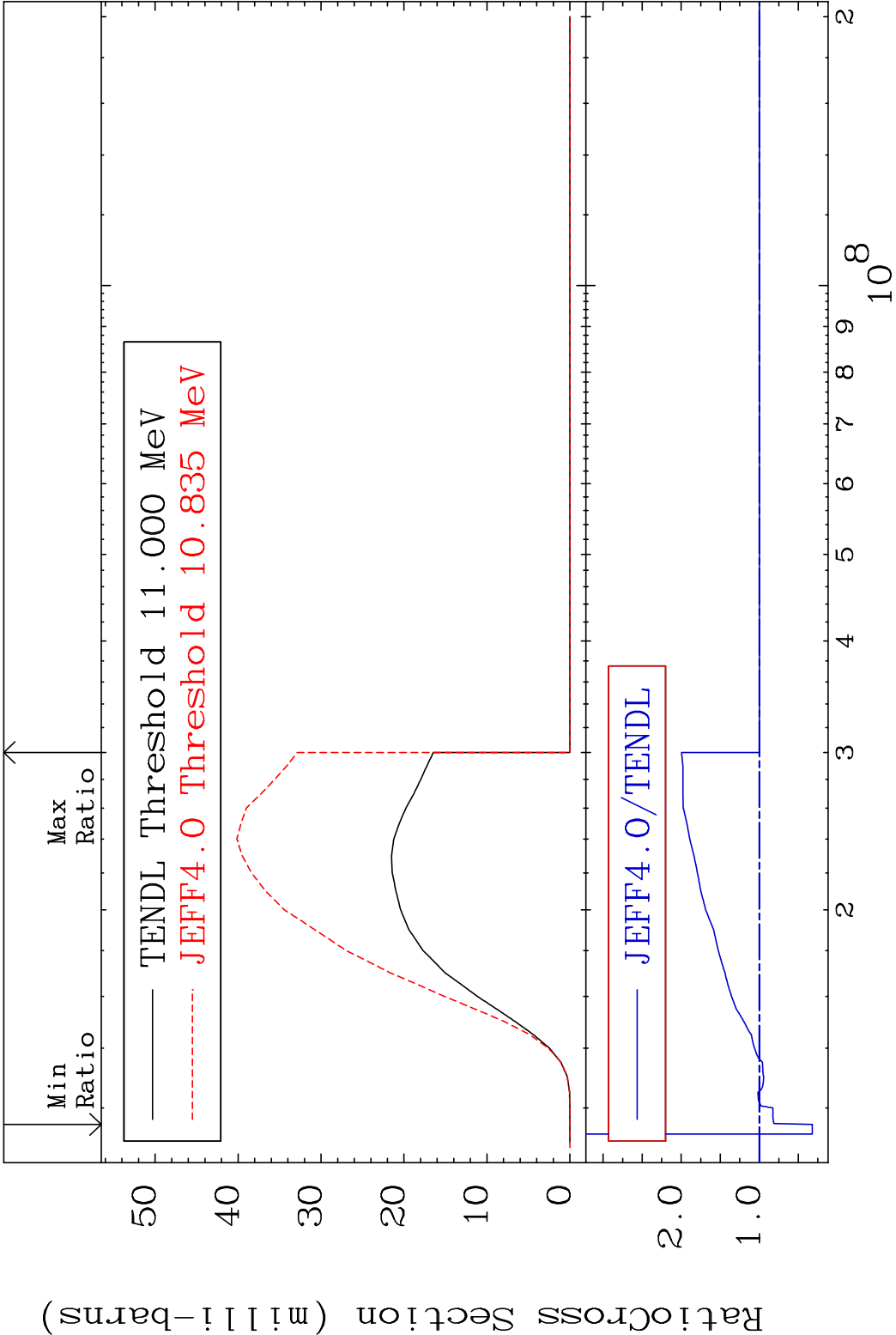


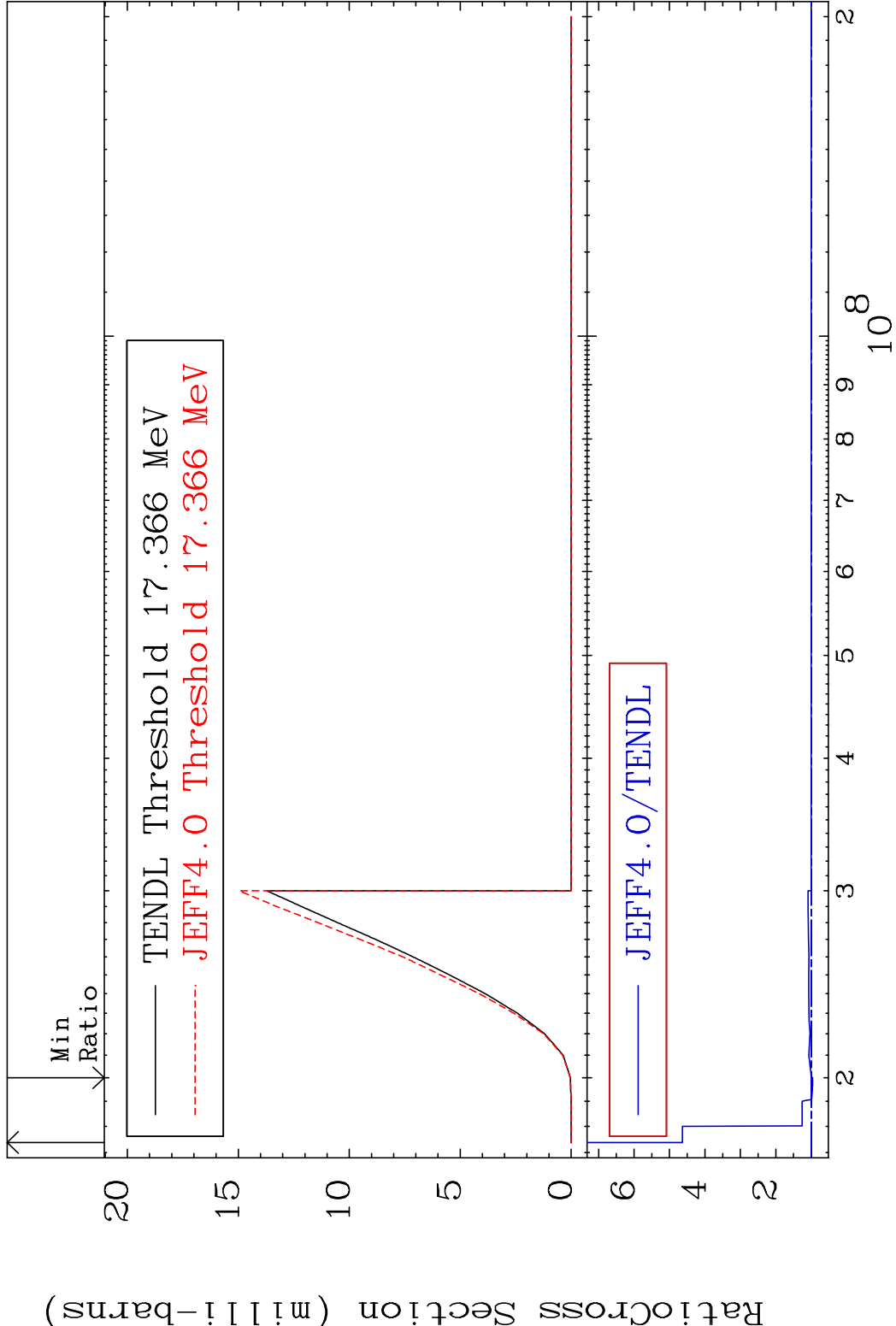
MAT 2228 Dpa disappearance (mt102 -120) 22-Ti-47
Cross Section -45.70 To 48.25 %

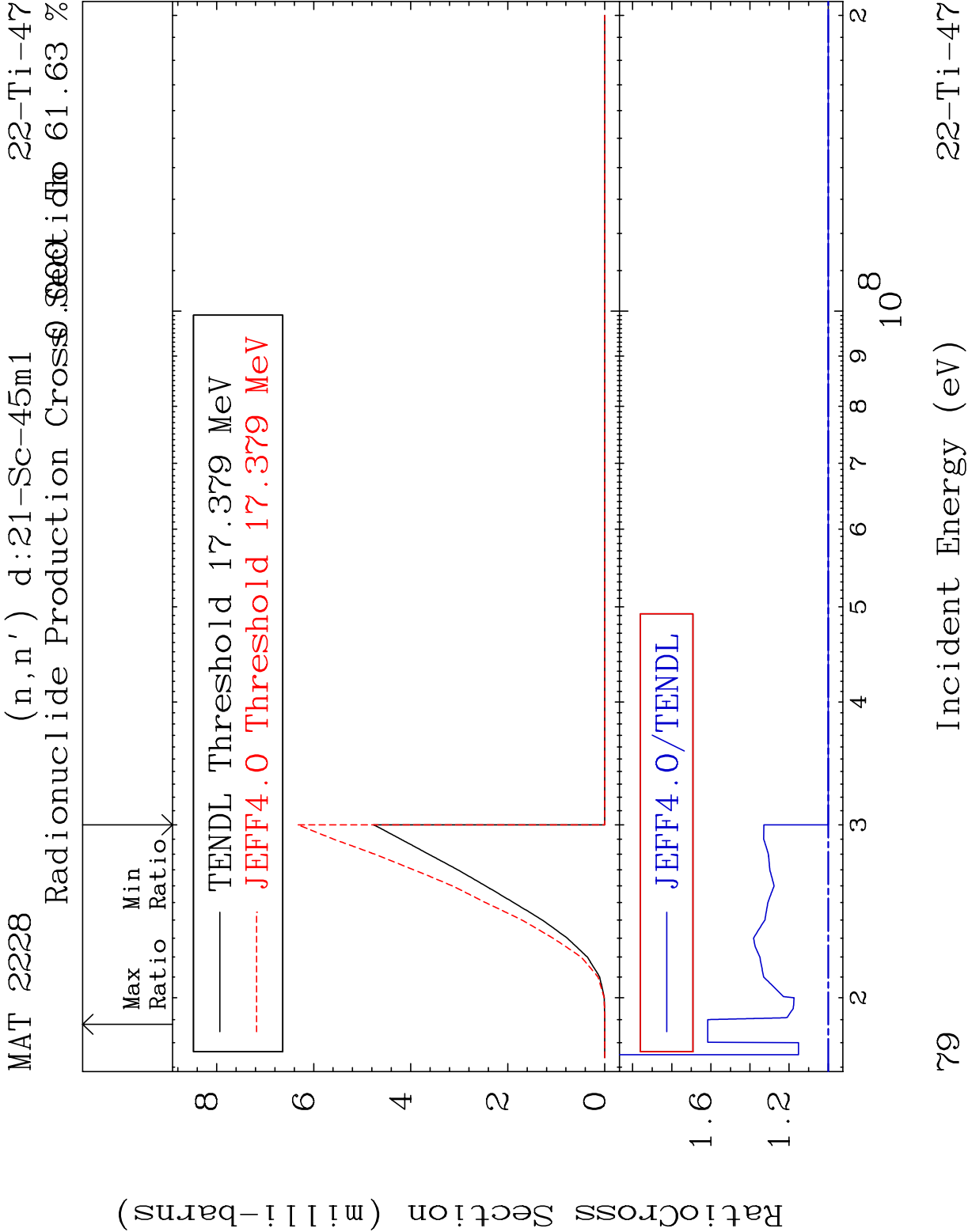


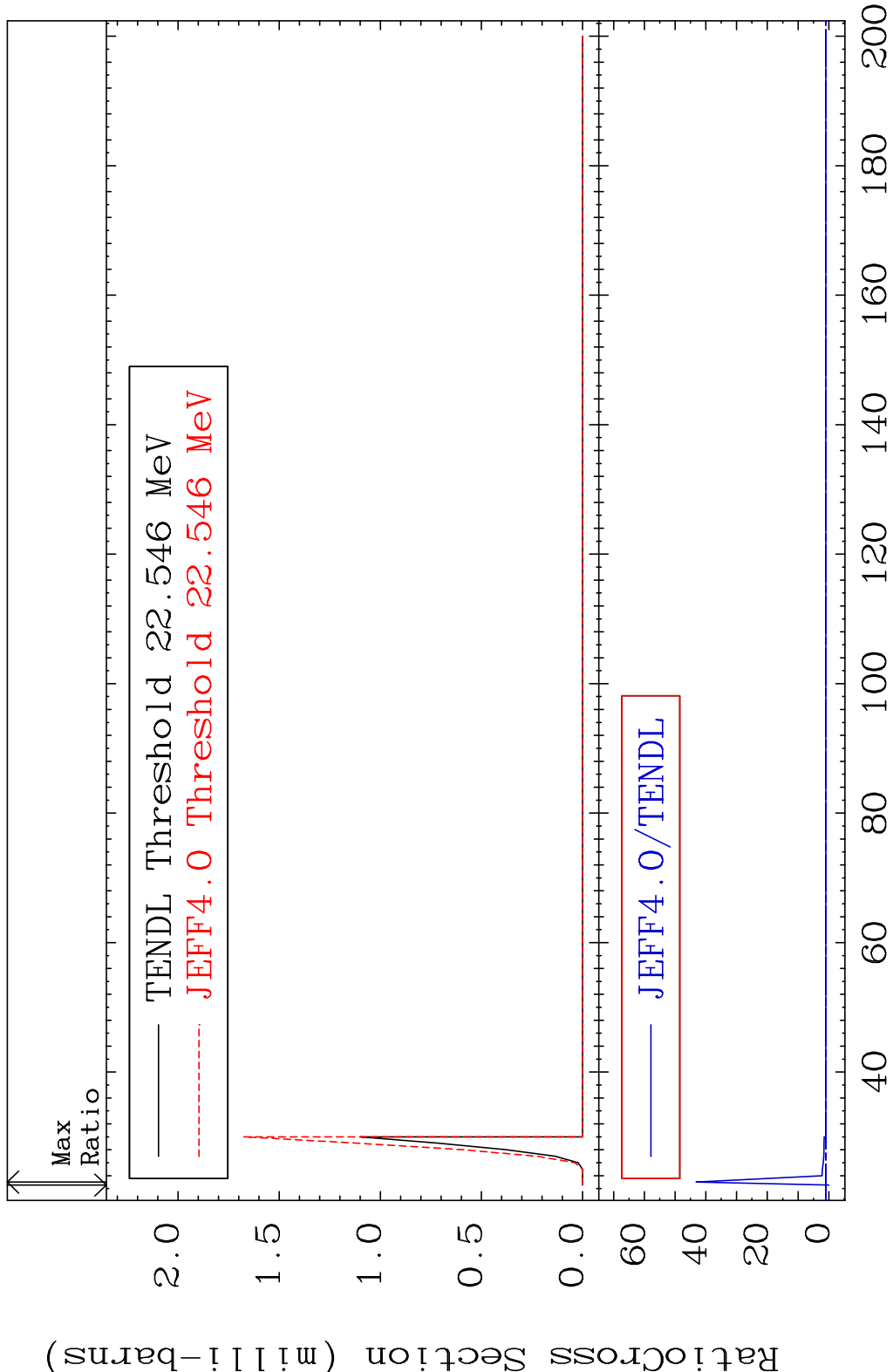
75 Incident Energy (eV) 22-Ti-47

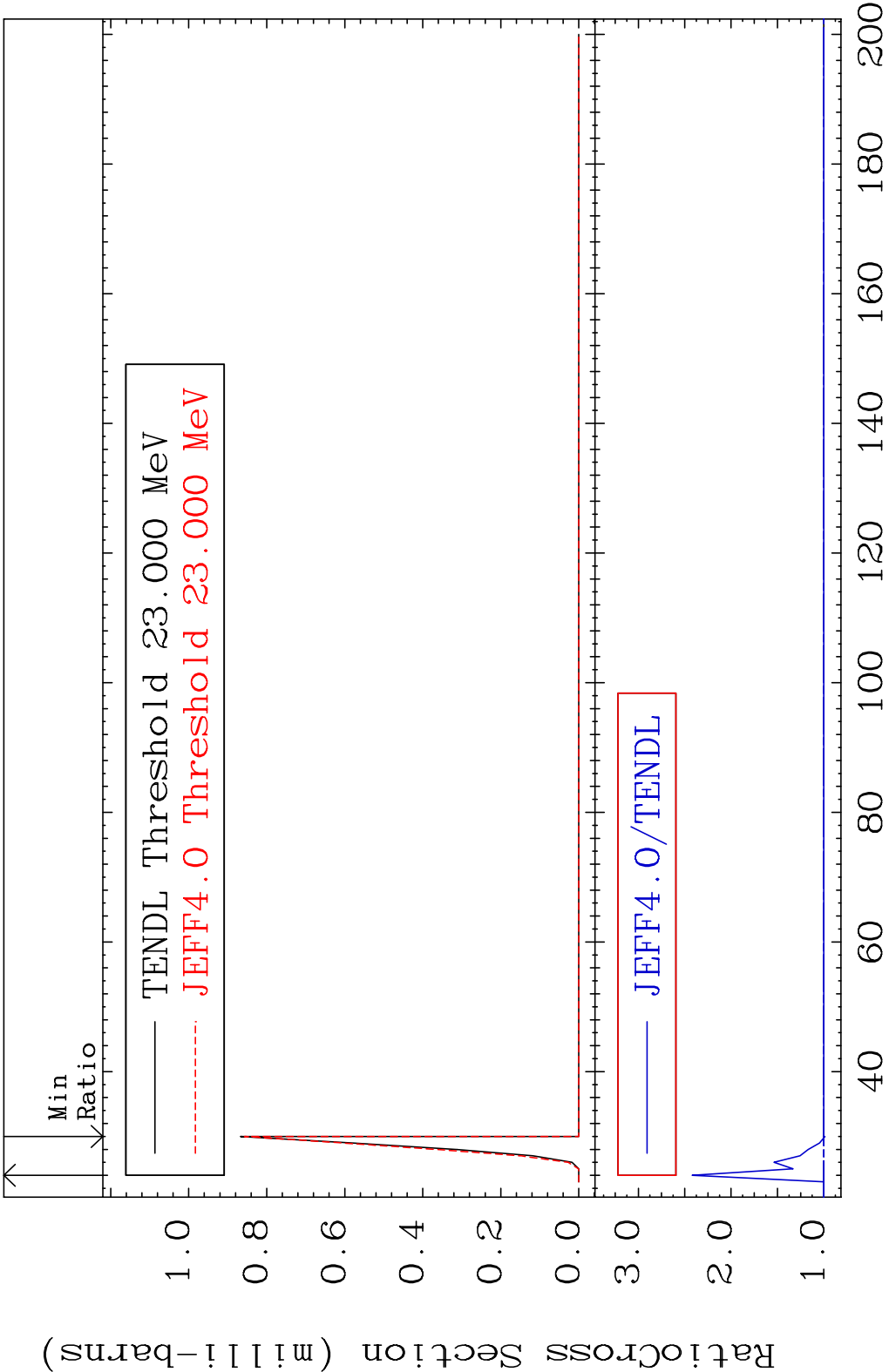


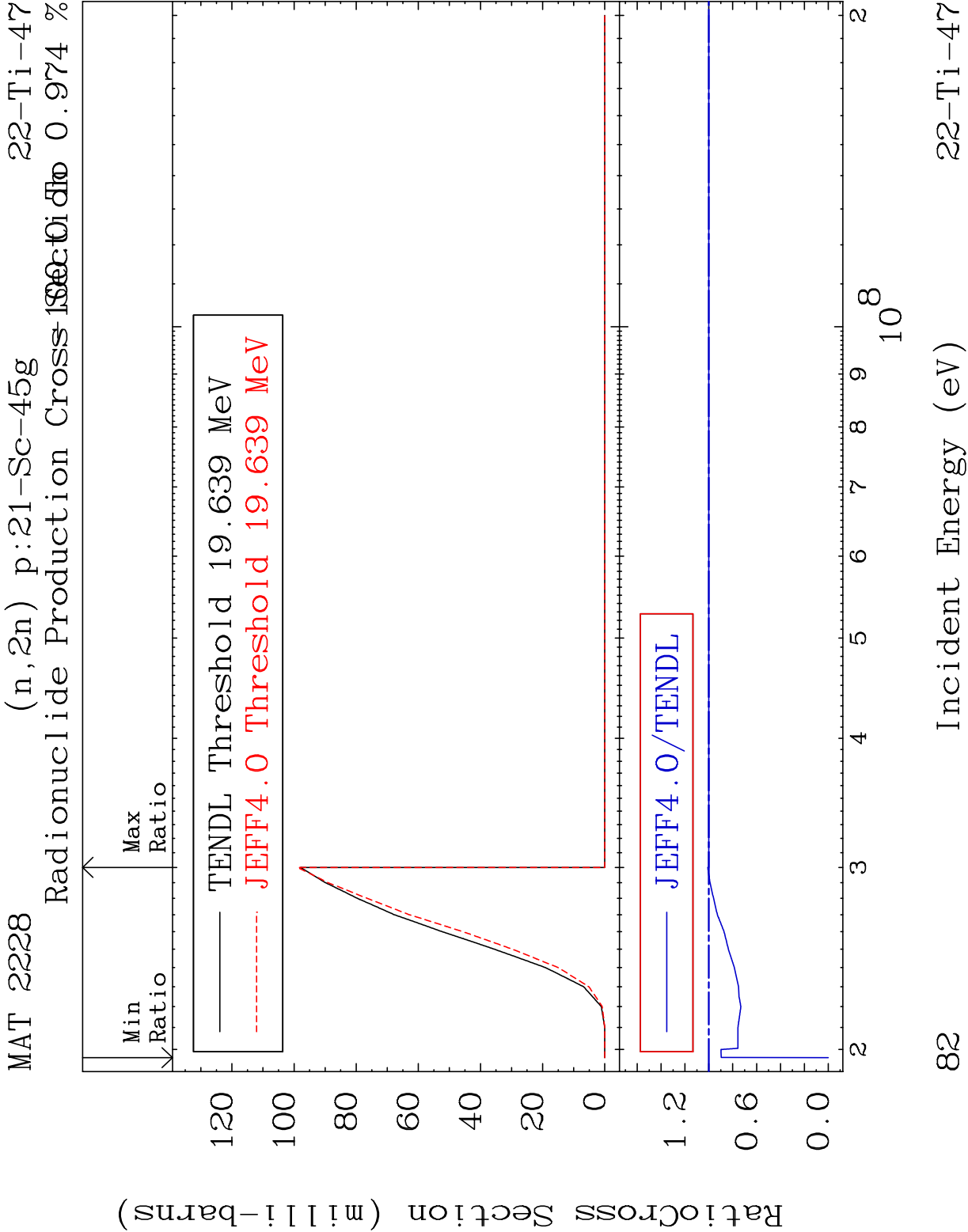












Radionuclide Production Cross-Section 179.5 %

