

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way

Livermore, CA 94550

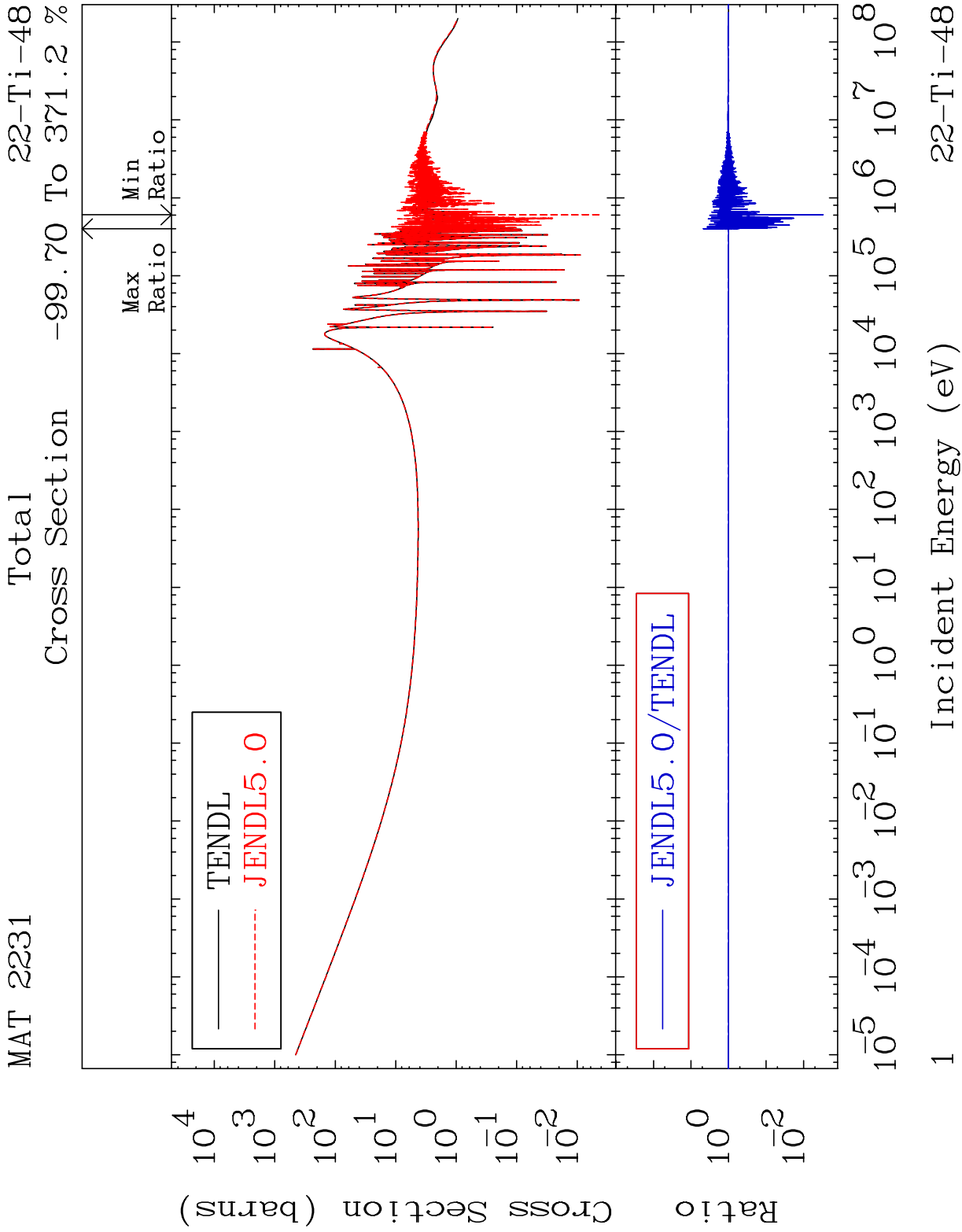
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



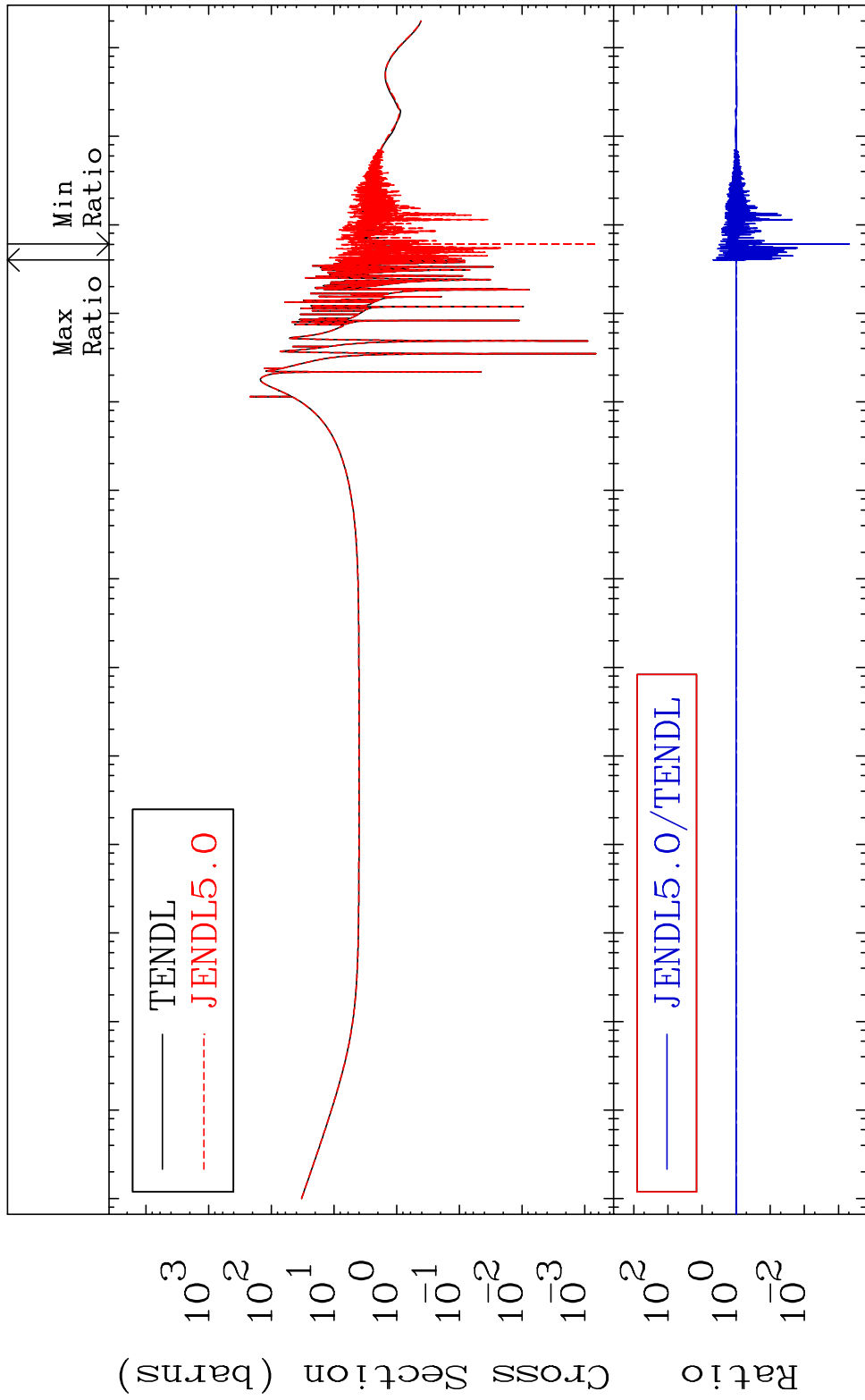
MAT 2231

Elastic

22-Ti-48

Cross Section

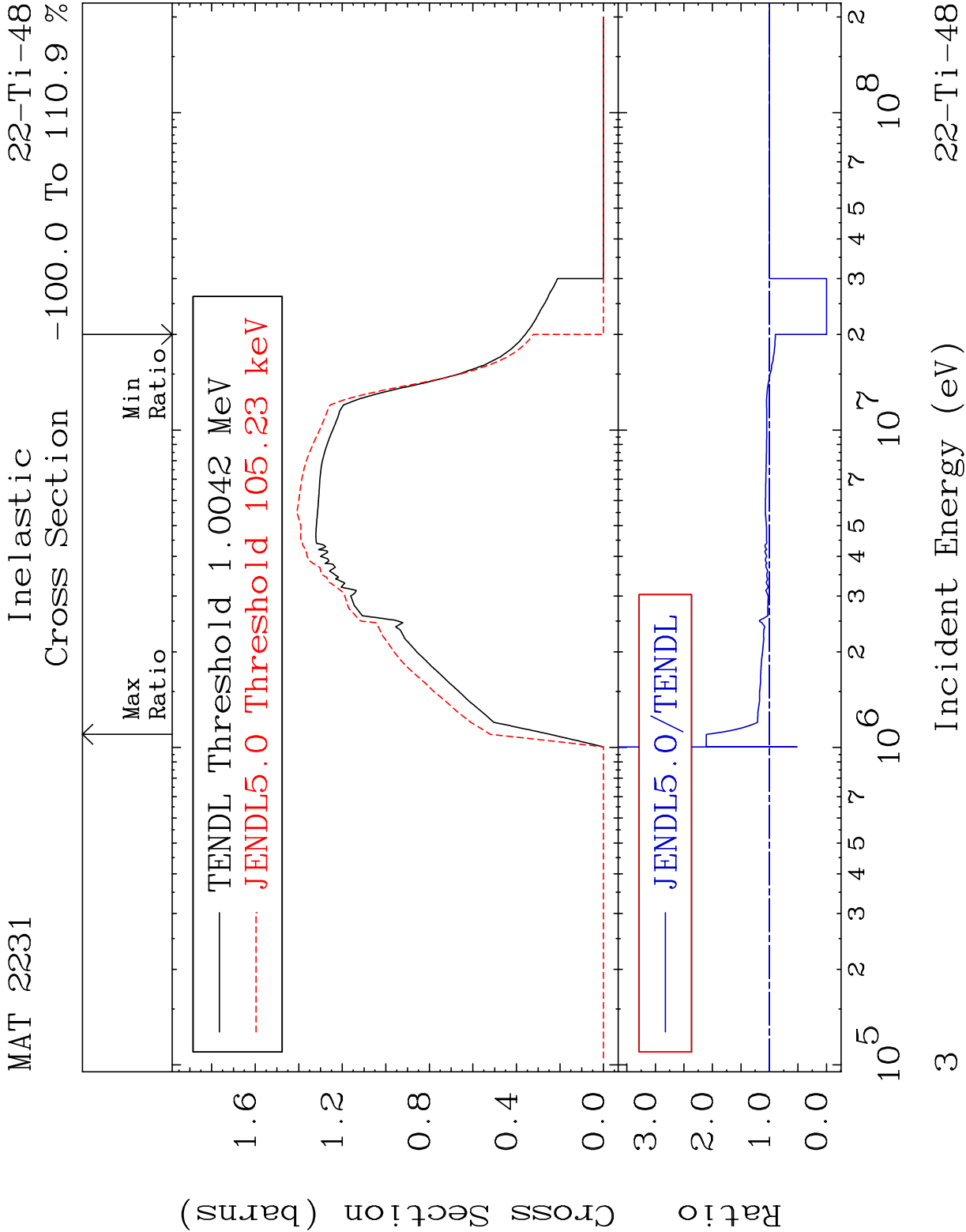
-99.95 To 373.6 %

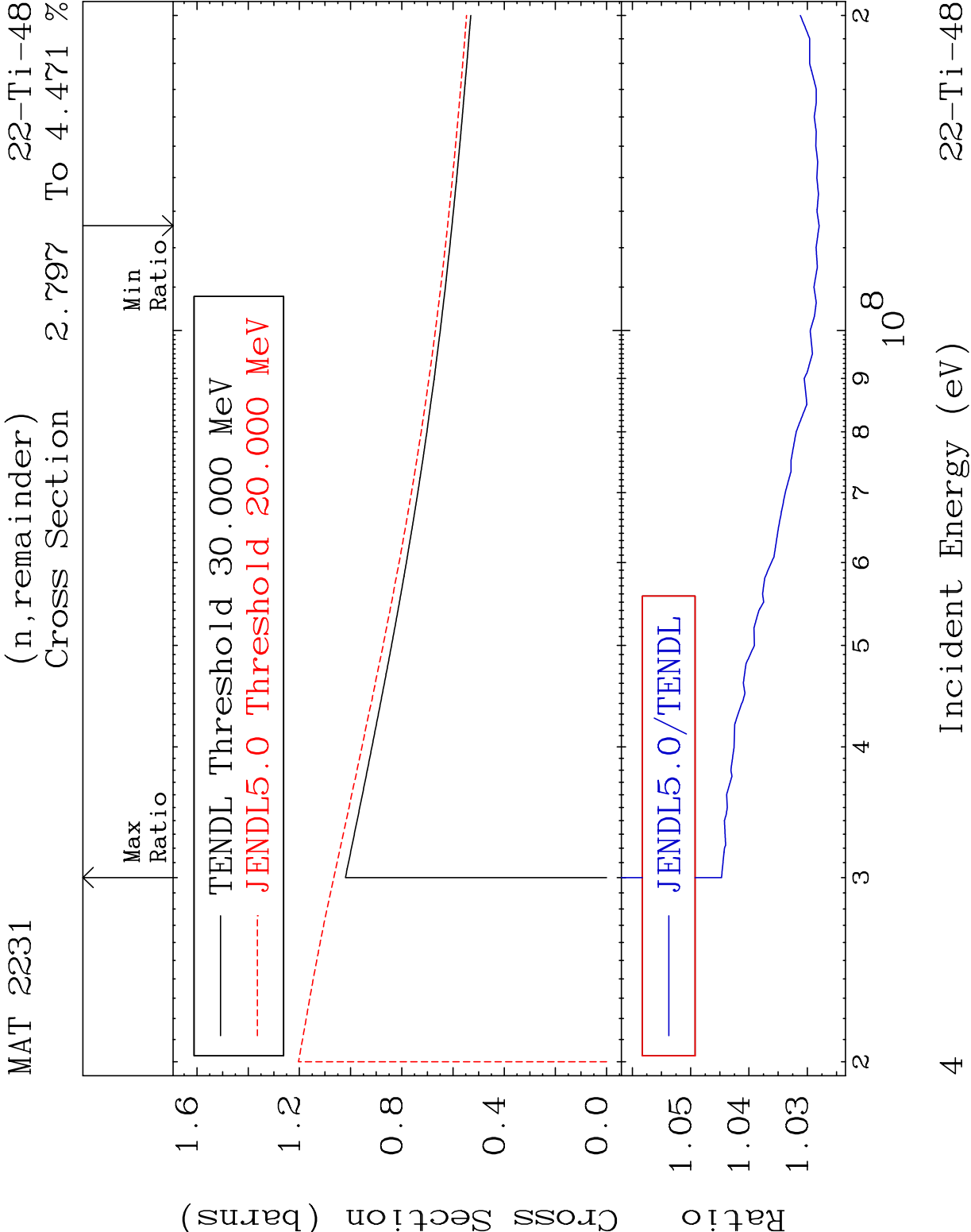


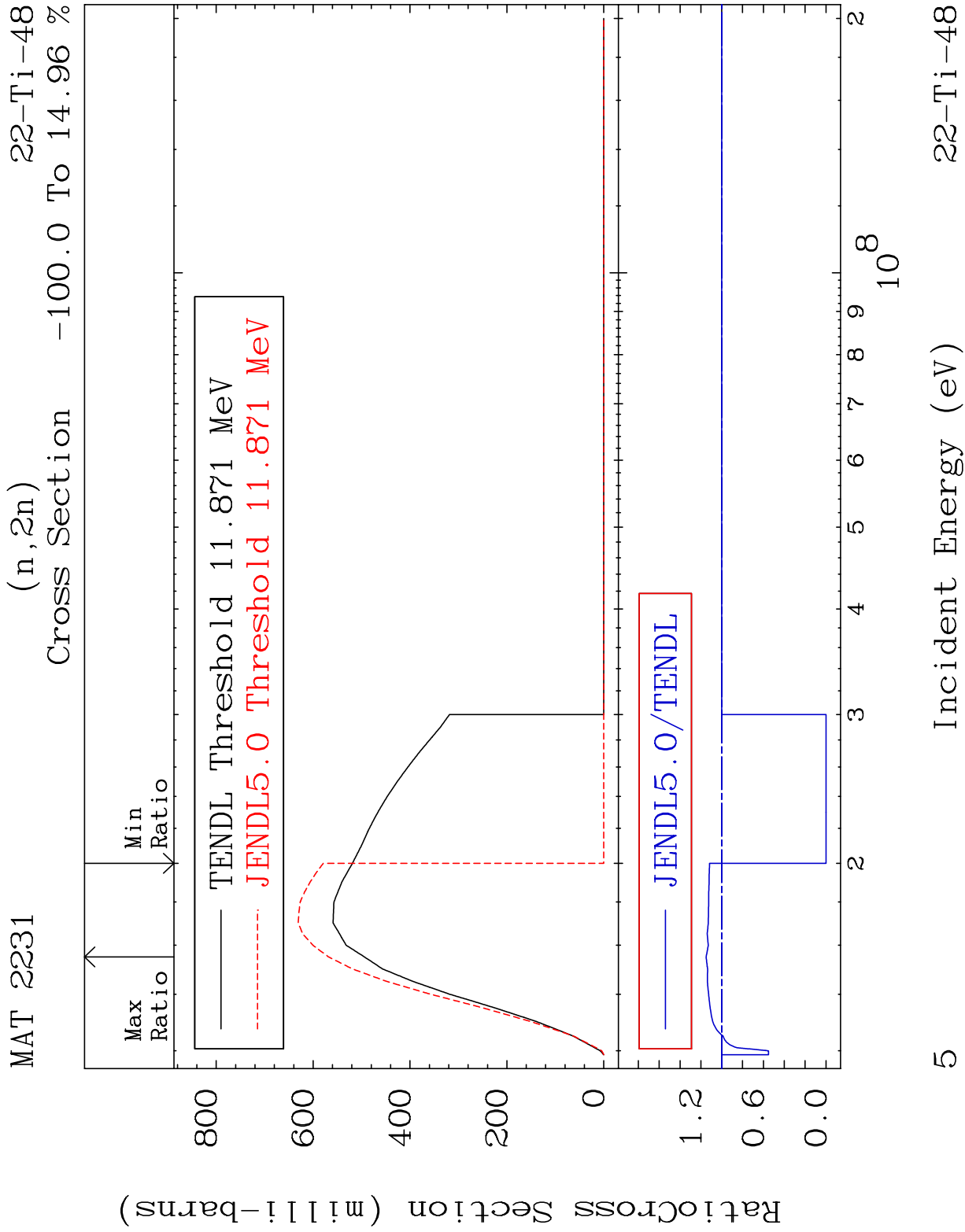
2

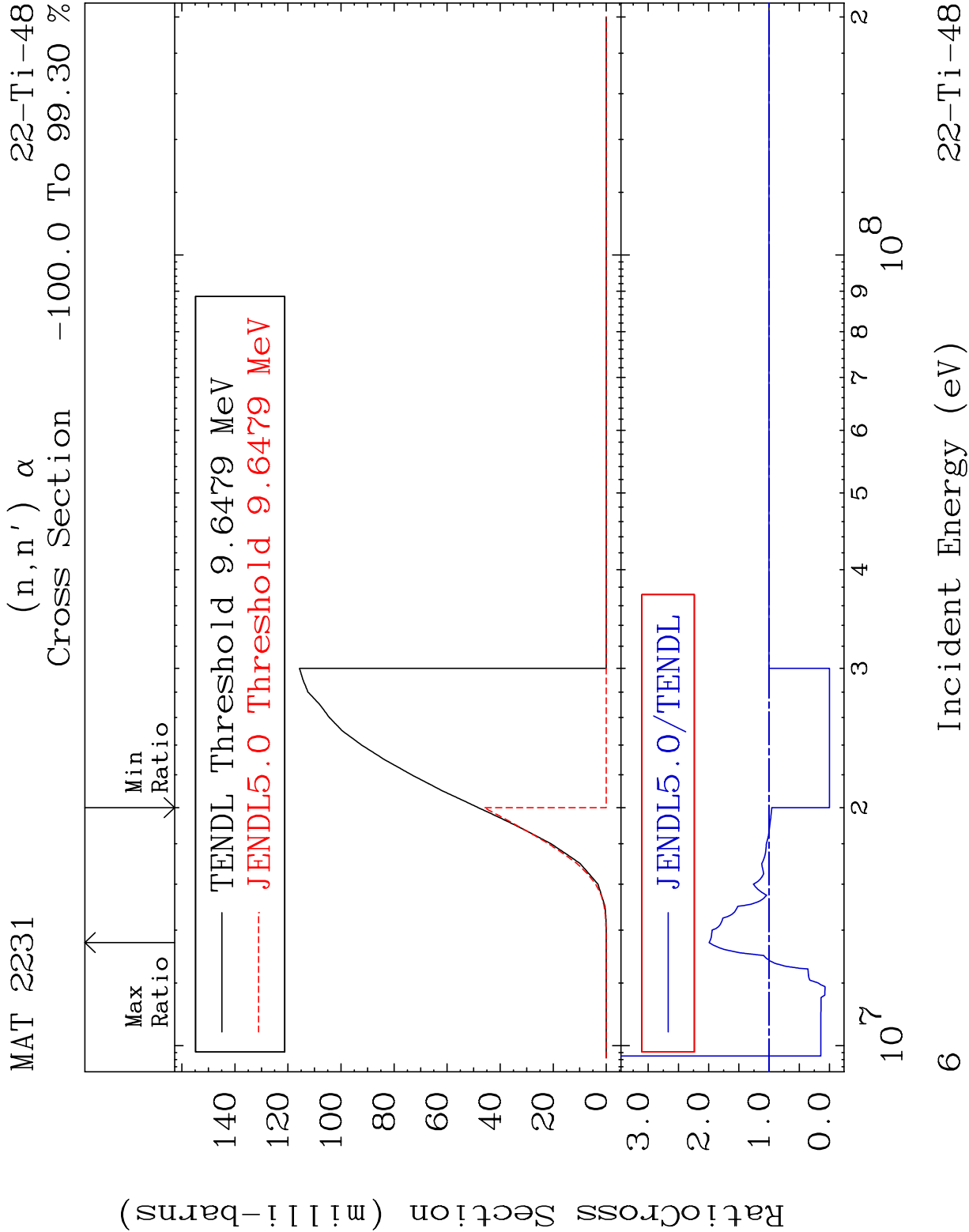
Incident Energy (eV)

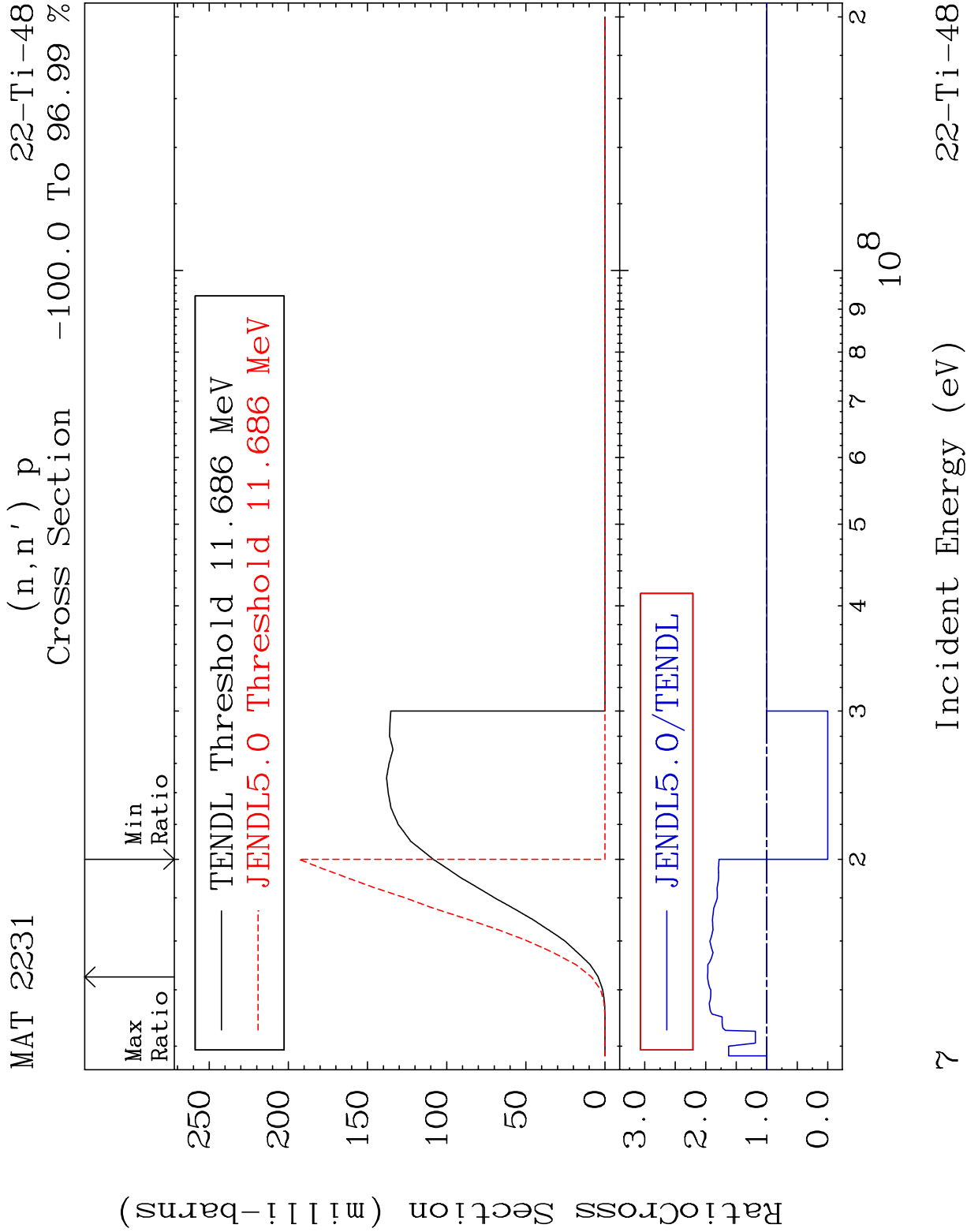
22-Ti-48



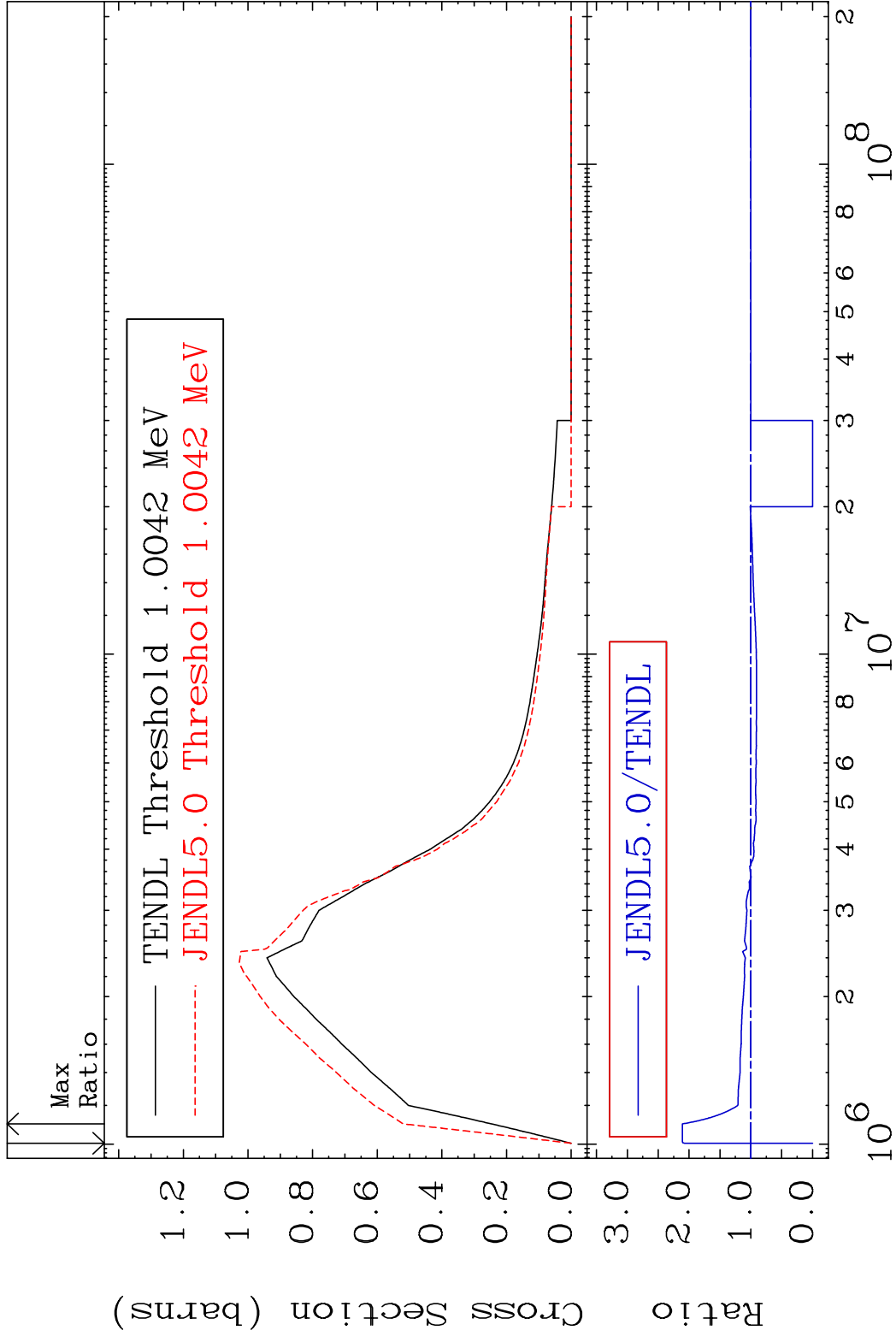






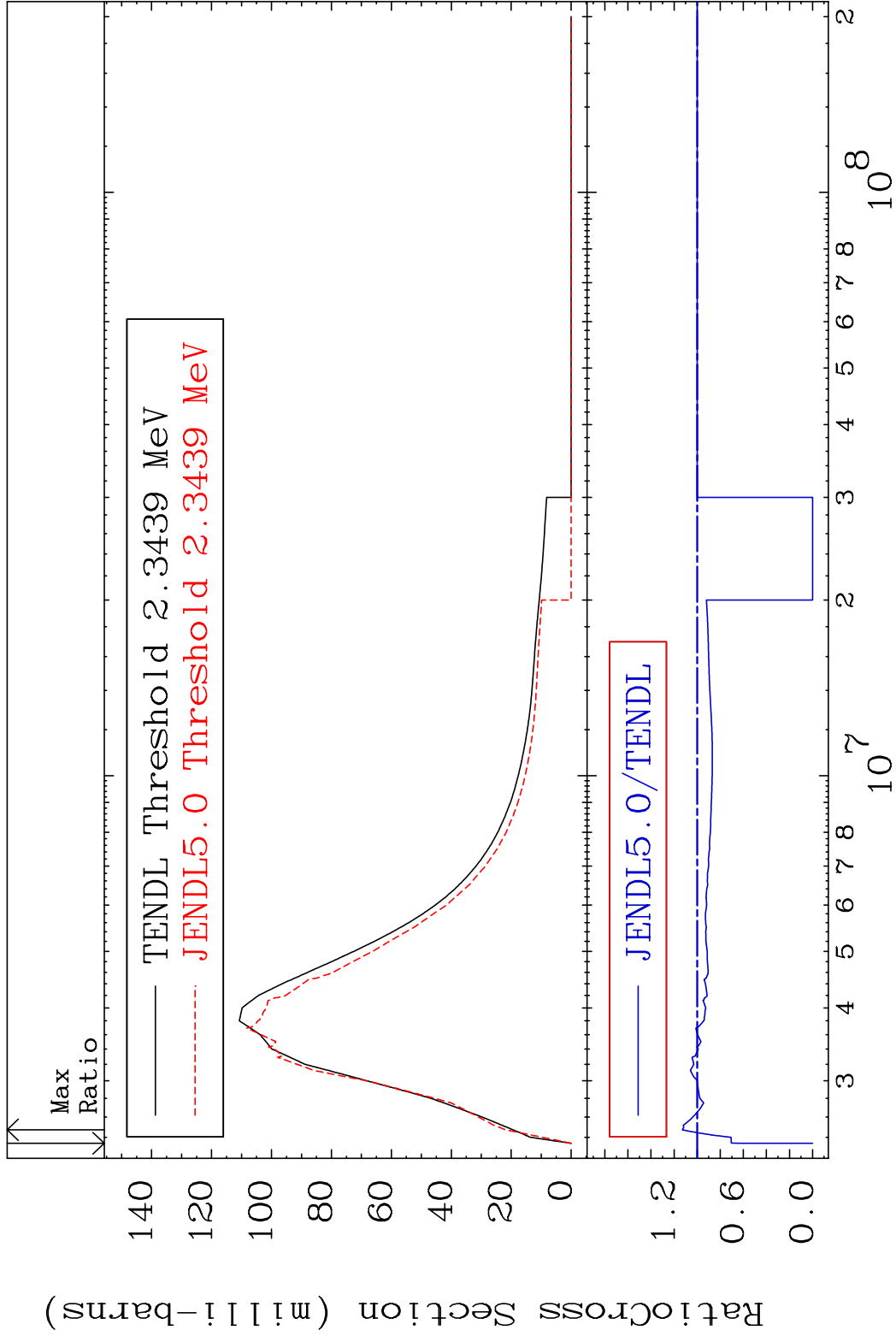


MAT 2231 MT= 51 (n,n') Level 22-Ti-48
Cross Section -100.0 To 110.9 %

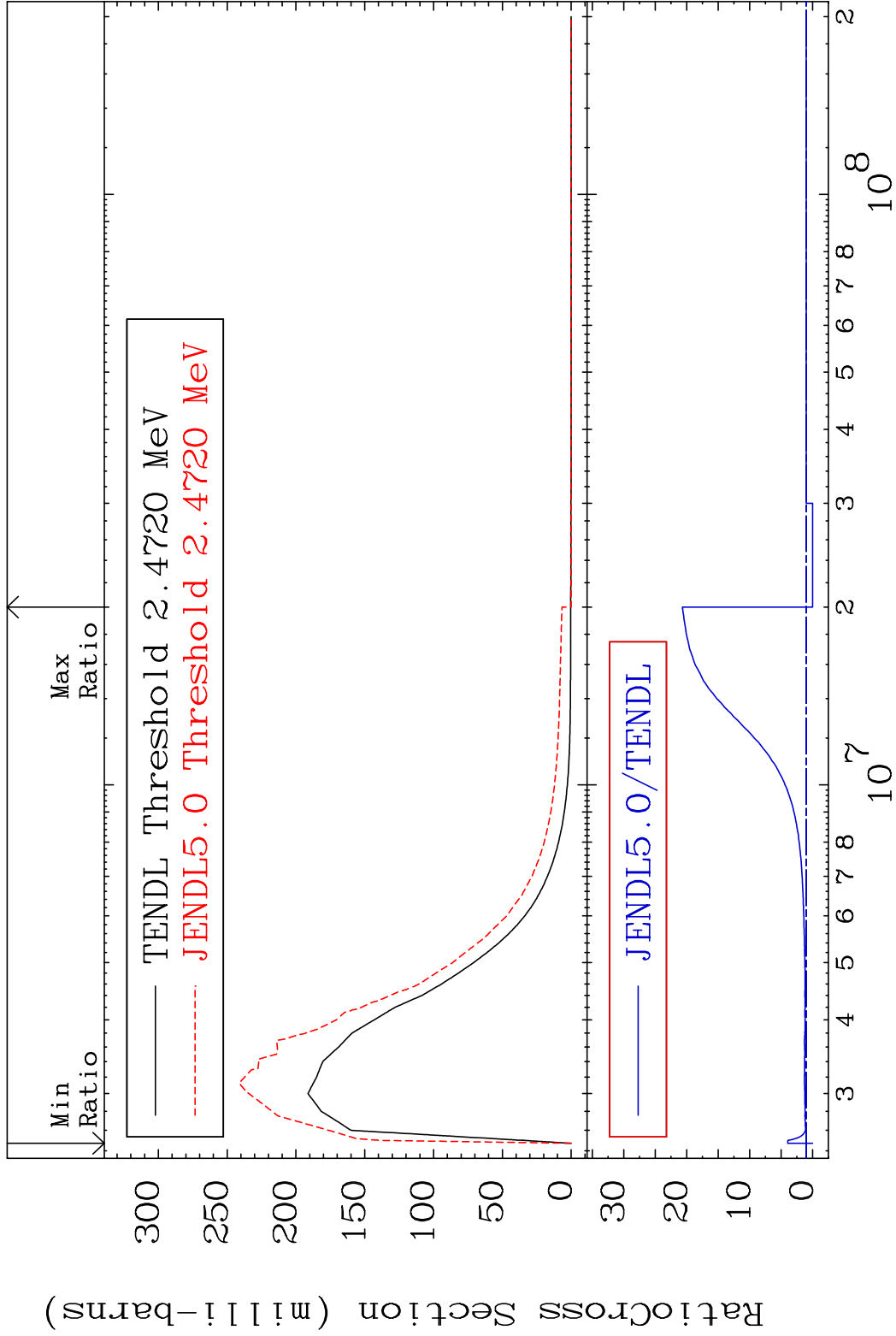


Incident Energy (eV) 22-Ti-48

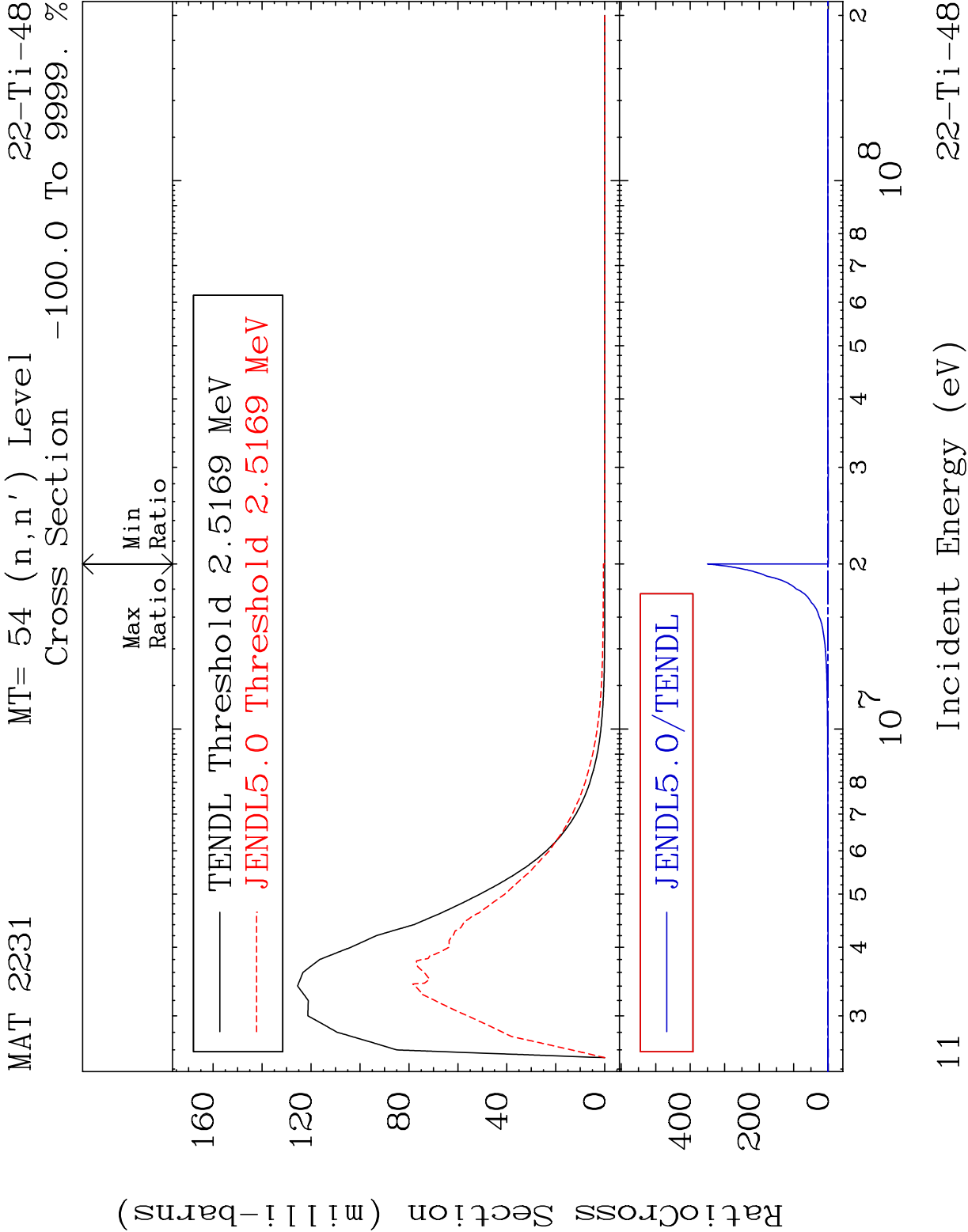
MAT 2231 MT= 52 (n,n') Level 22-Ti-48
Cross Section -100.0 To 12.83 %



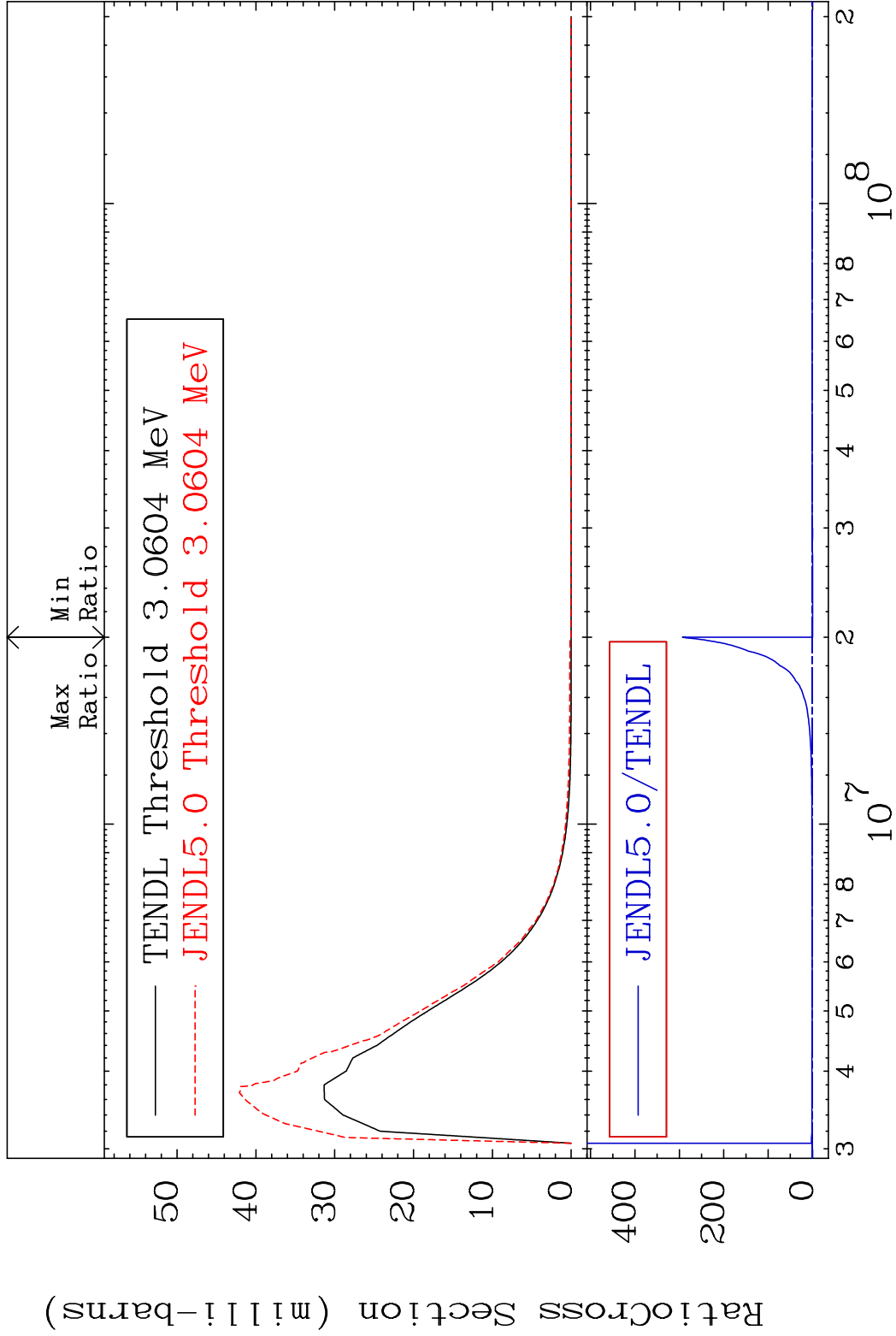
MAT 2231 MT= 53 (n,n') Level 22-Ti-48
Cross Section -100.0 To 1970. %

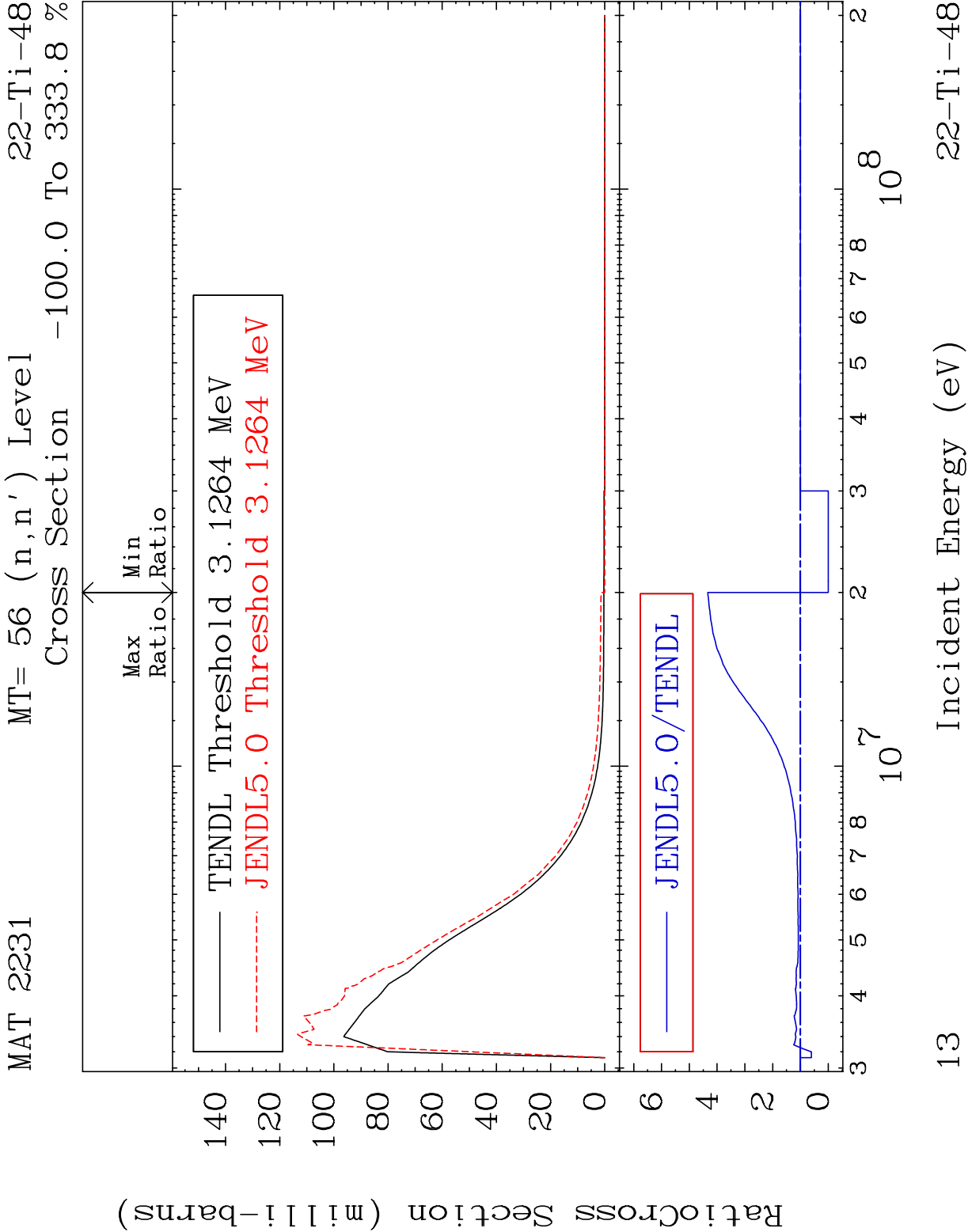


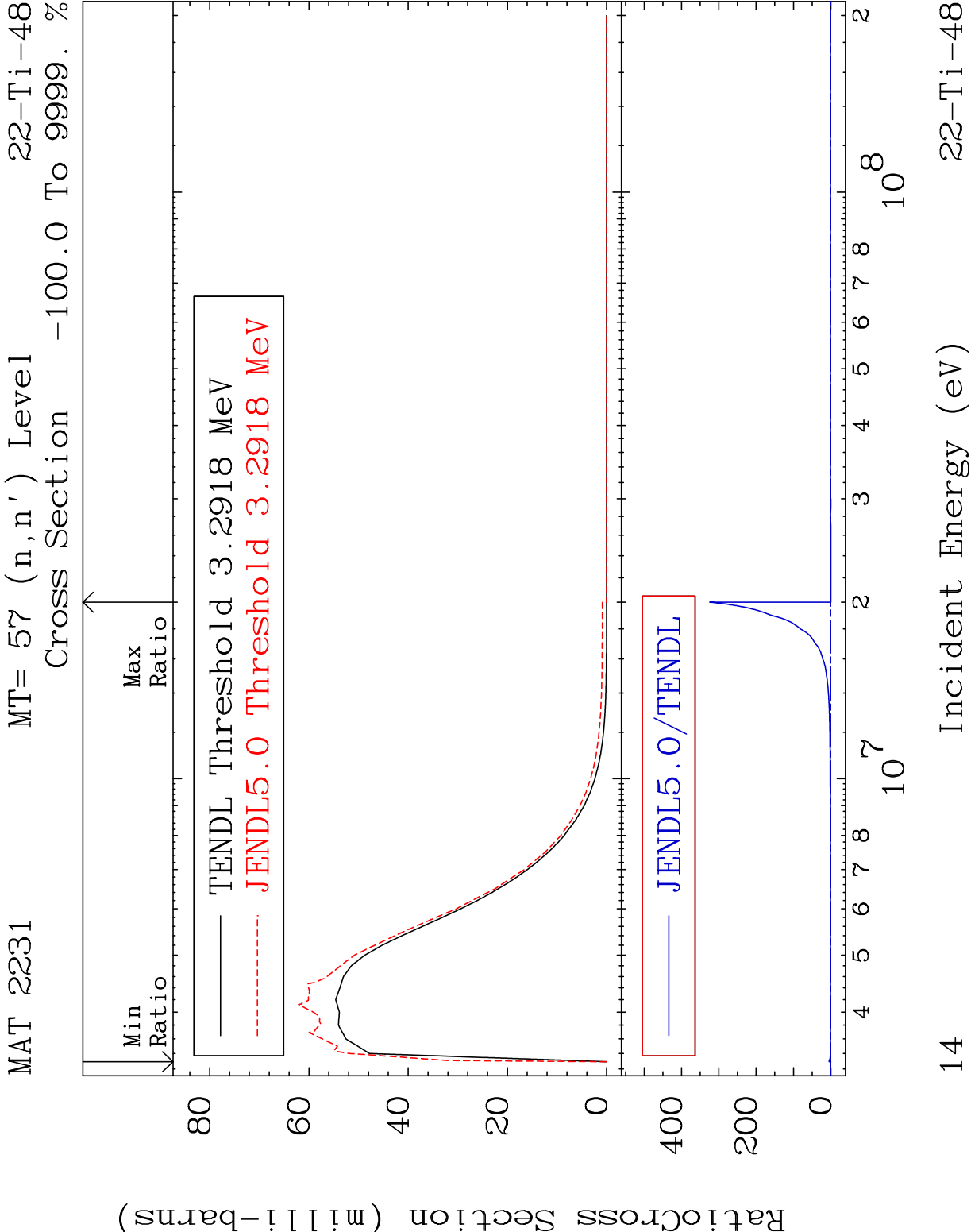
10 Incident Energy (eV) 22-Ti-48



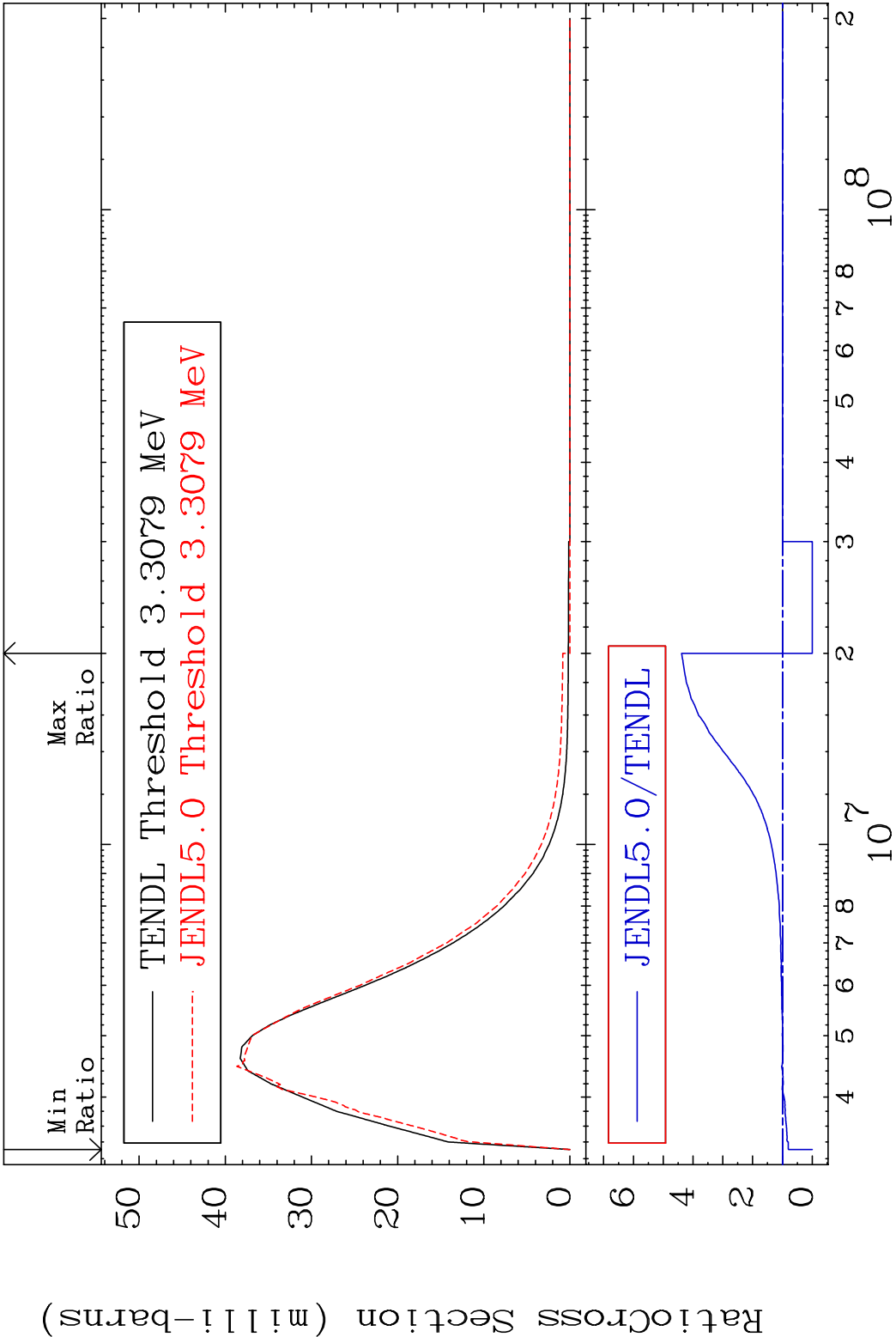
MAT 2231 MT= 55 (n,n') Level 22-Ti-48
Cross Section -100.0 To 9999. %

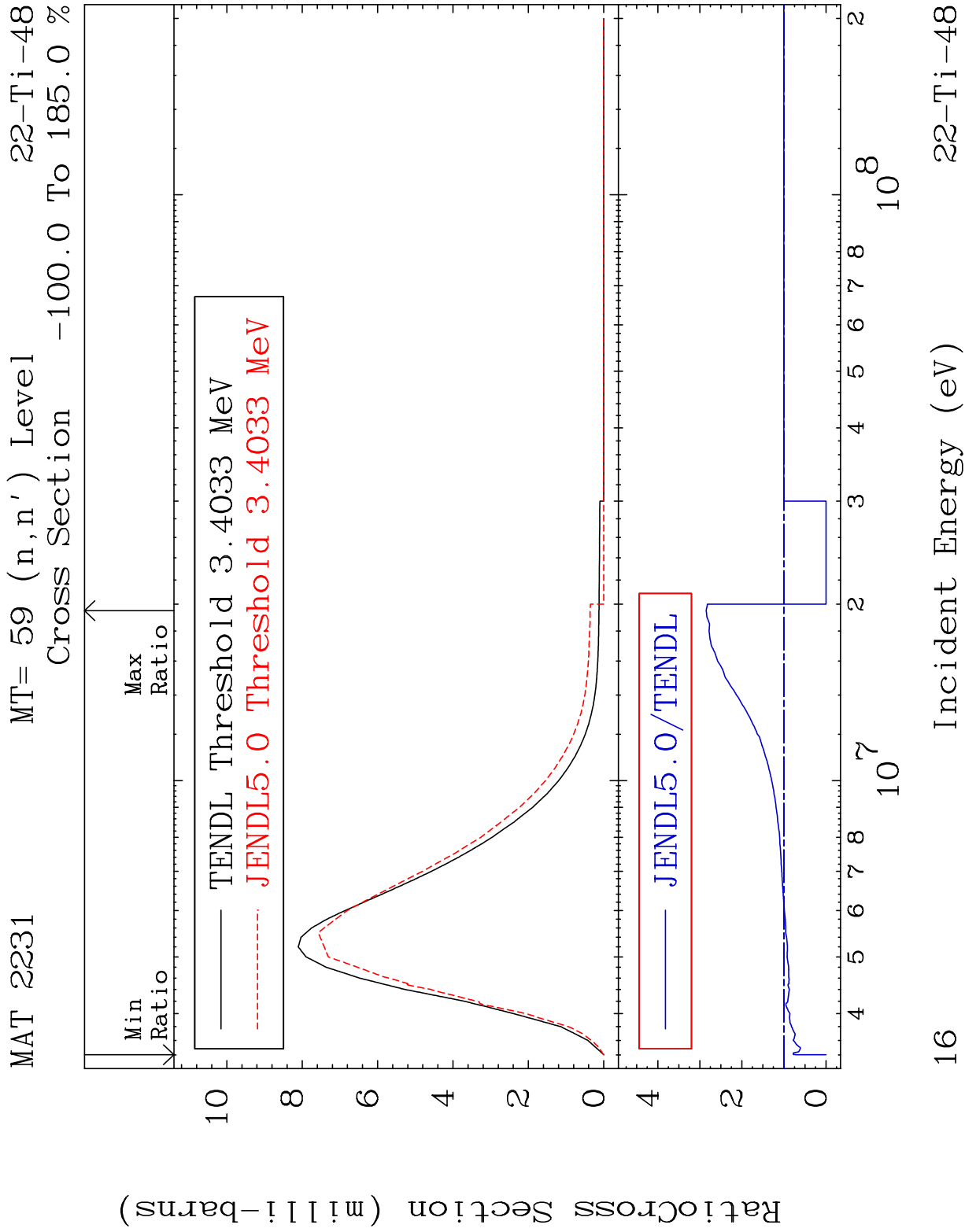




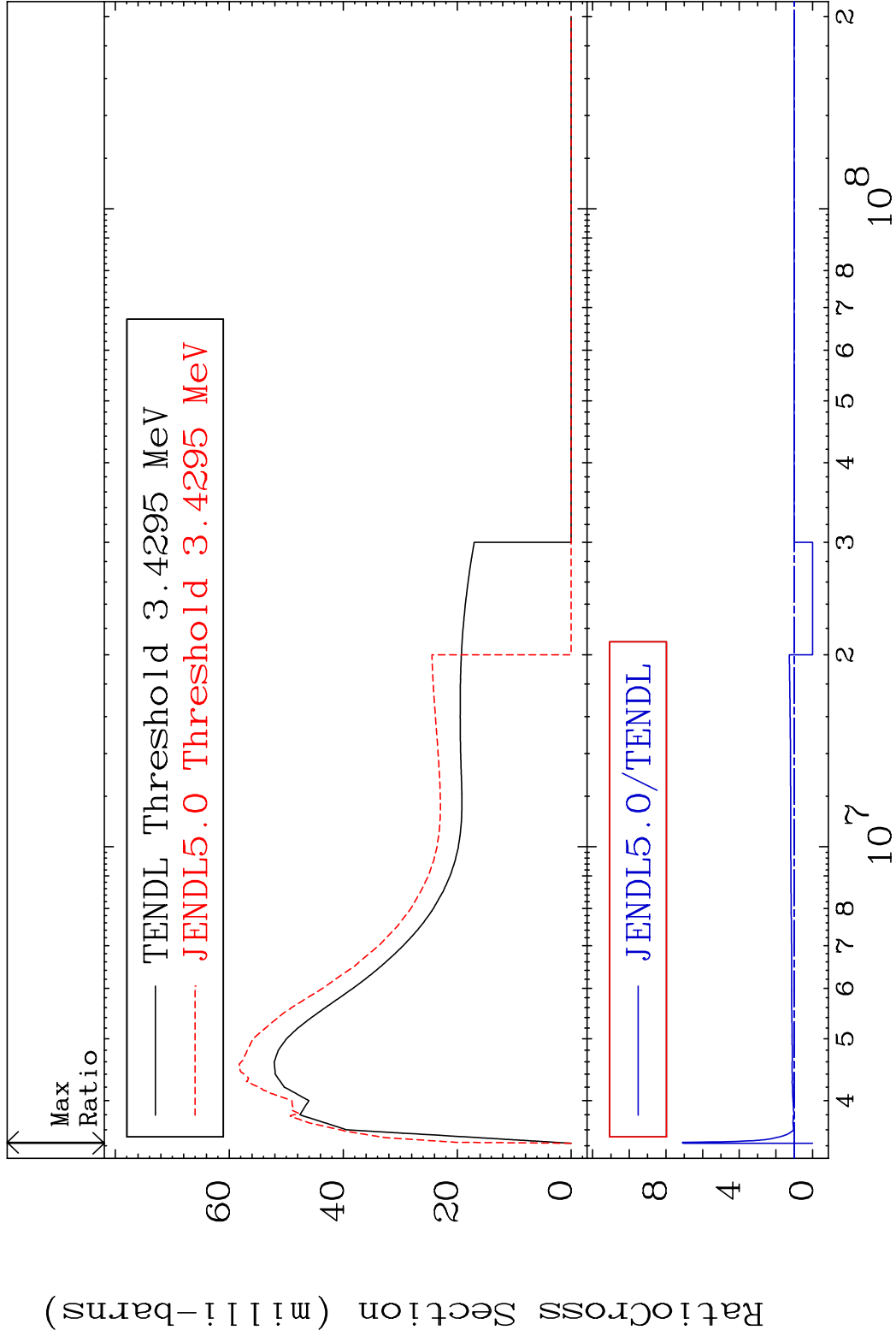


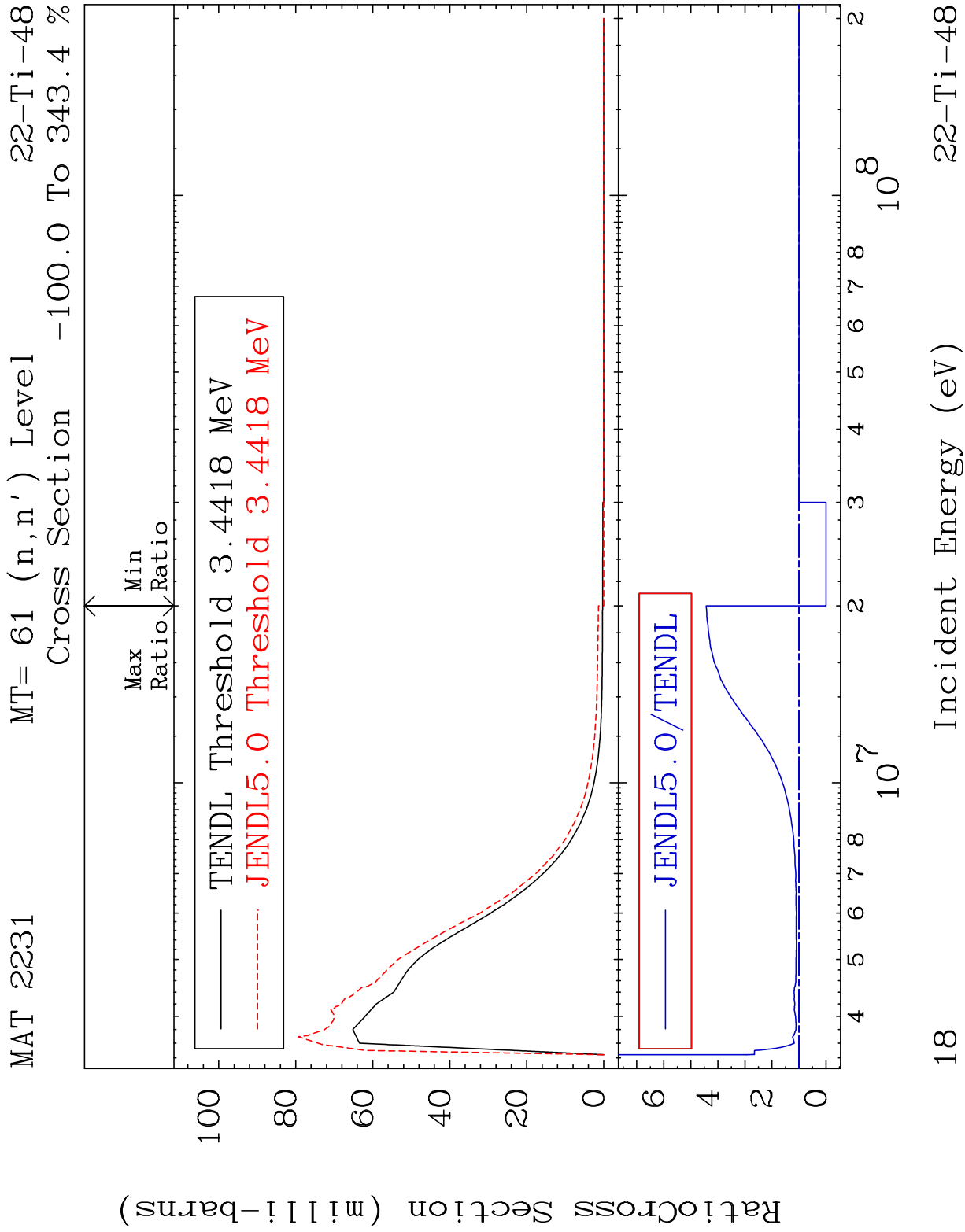
MAT 2231 MT= 58 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 338.5 %



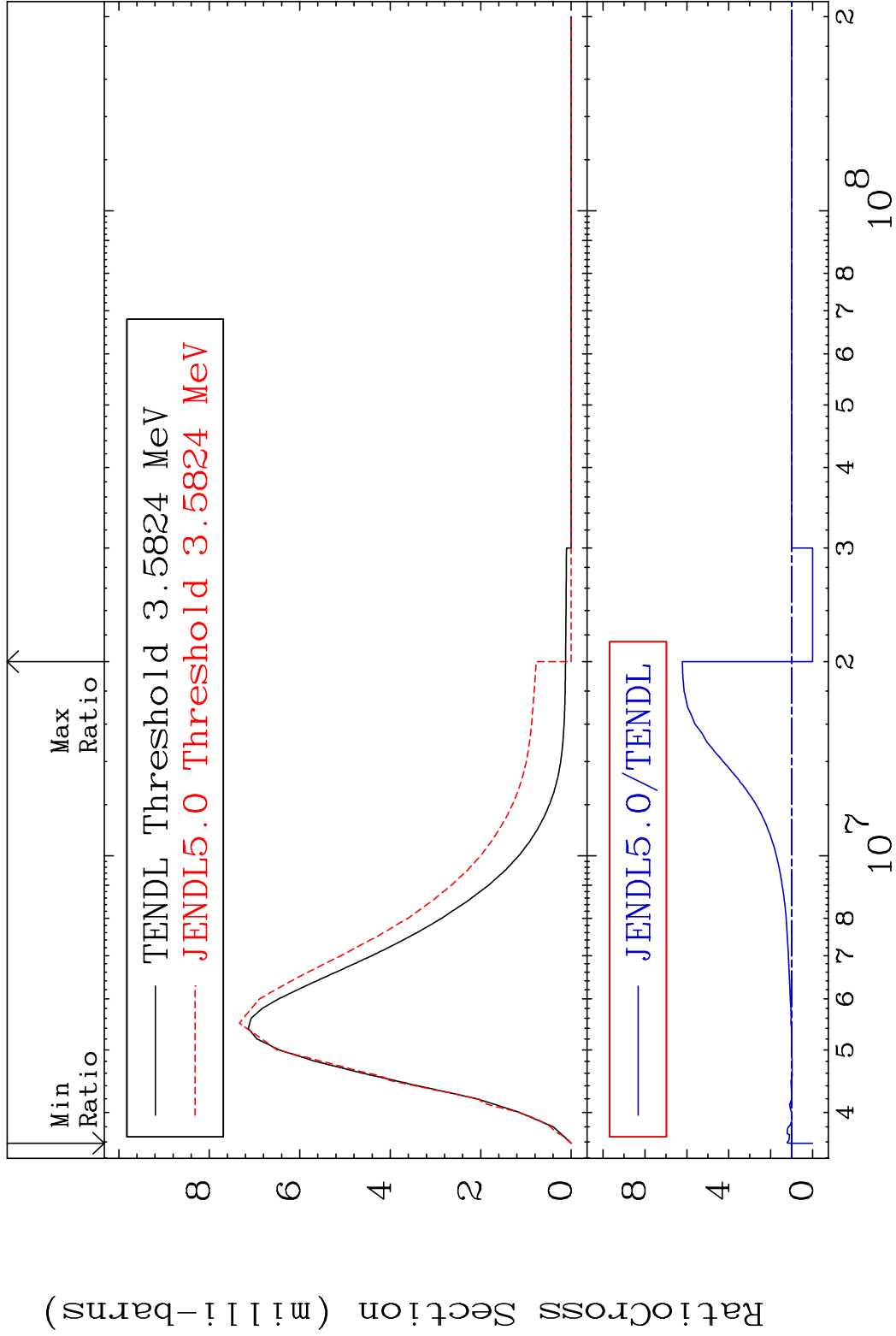


MAT 2231 MT= 60 (n,n') Level 22-Ti-48
Cross Section -100.0 To 610.4 %



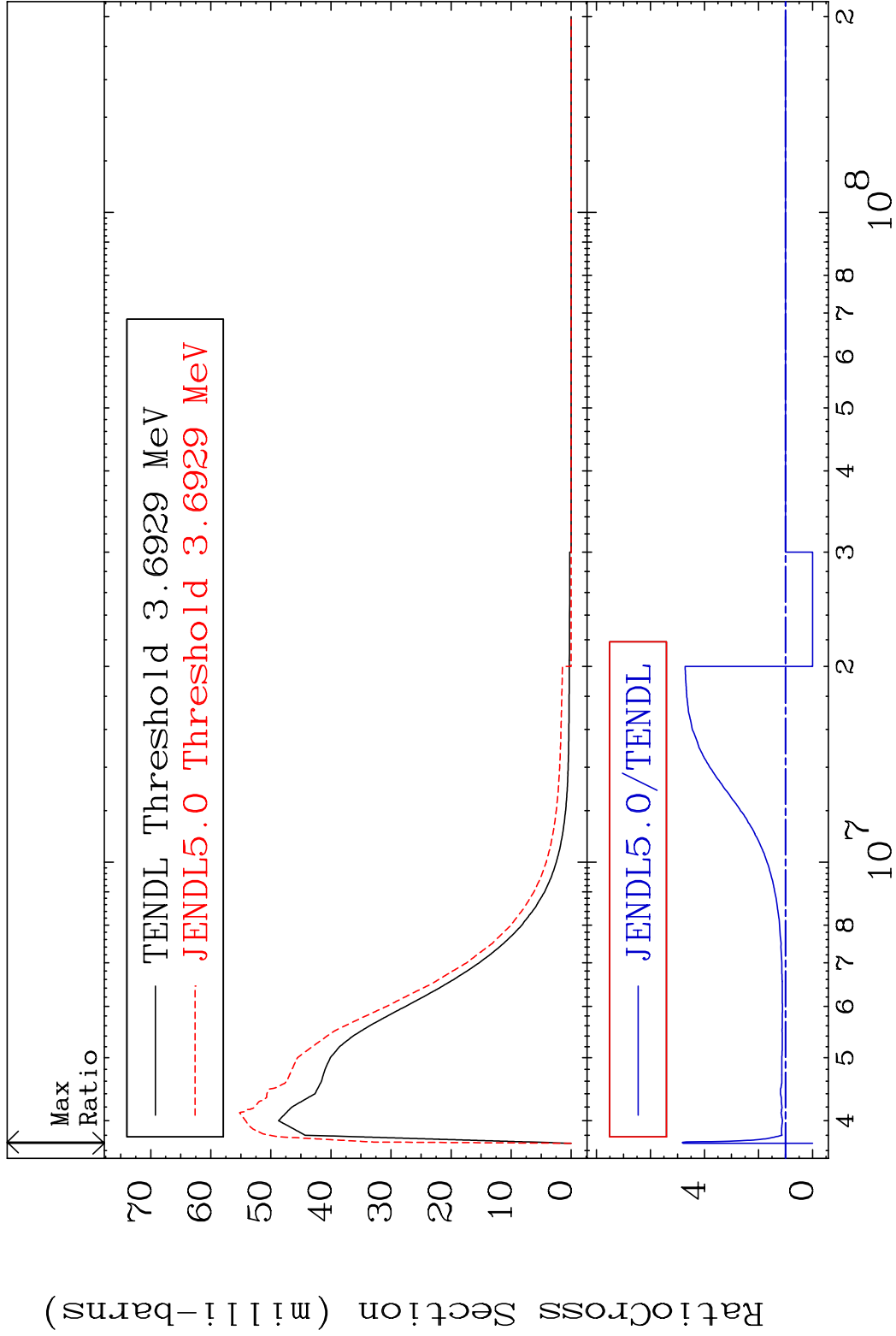


MAT 2231 MT= 62 (n,n') Level 22-Ti-48
Cross Section -100.0 To 521.6 %



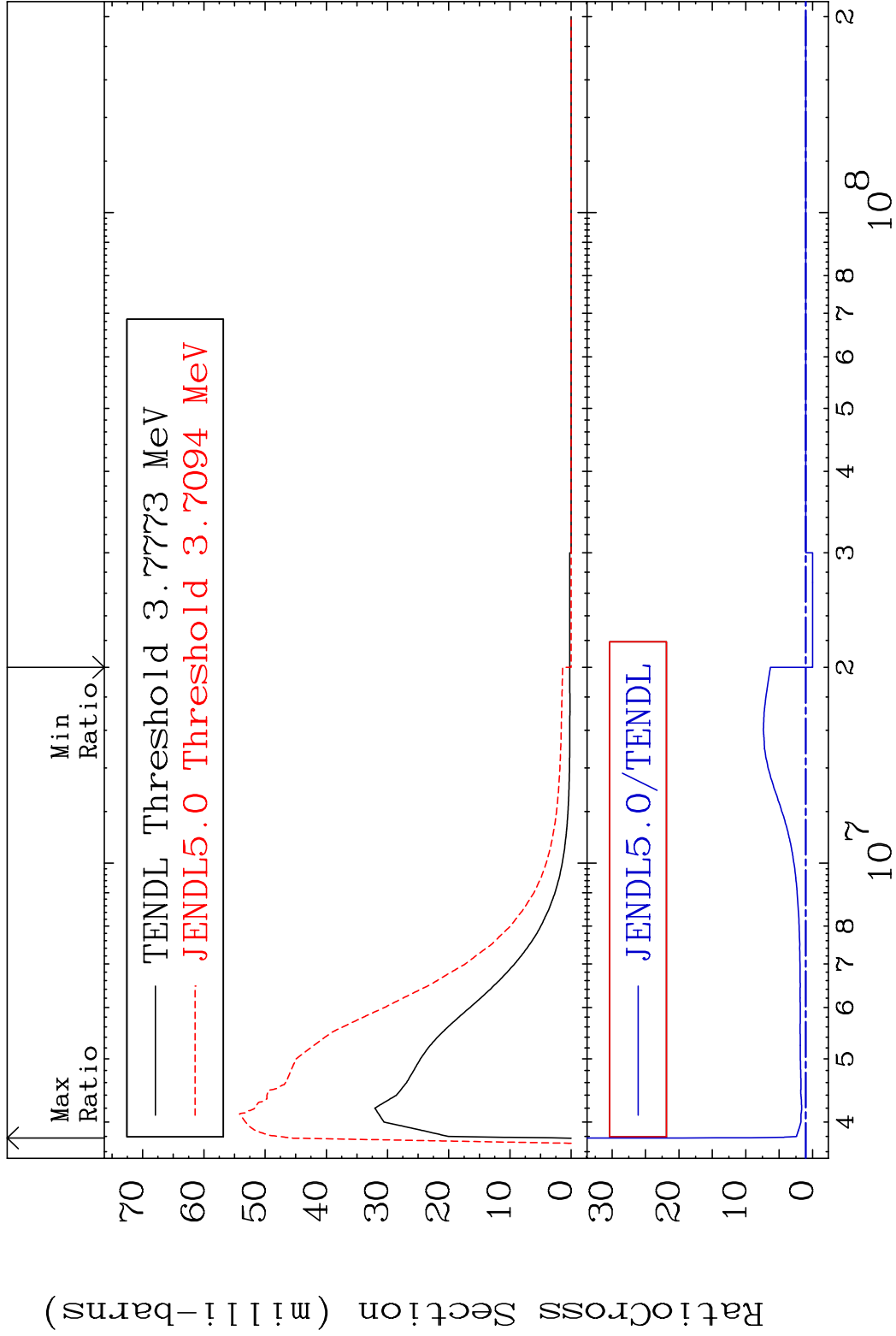
19 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 63 (n,n') Level 22-Ti-48
Cross Section -100.0 To 382.0 %

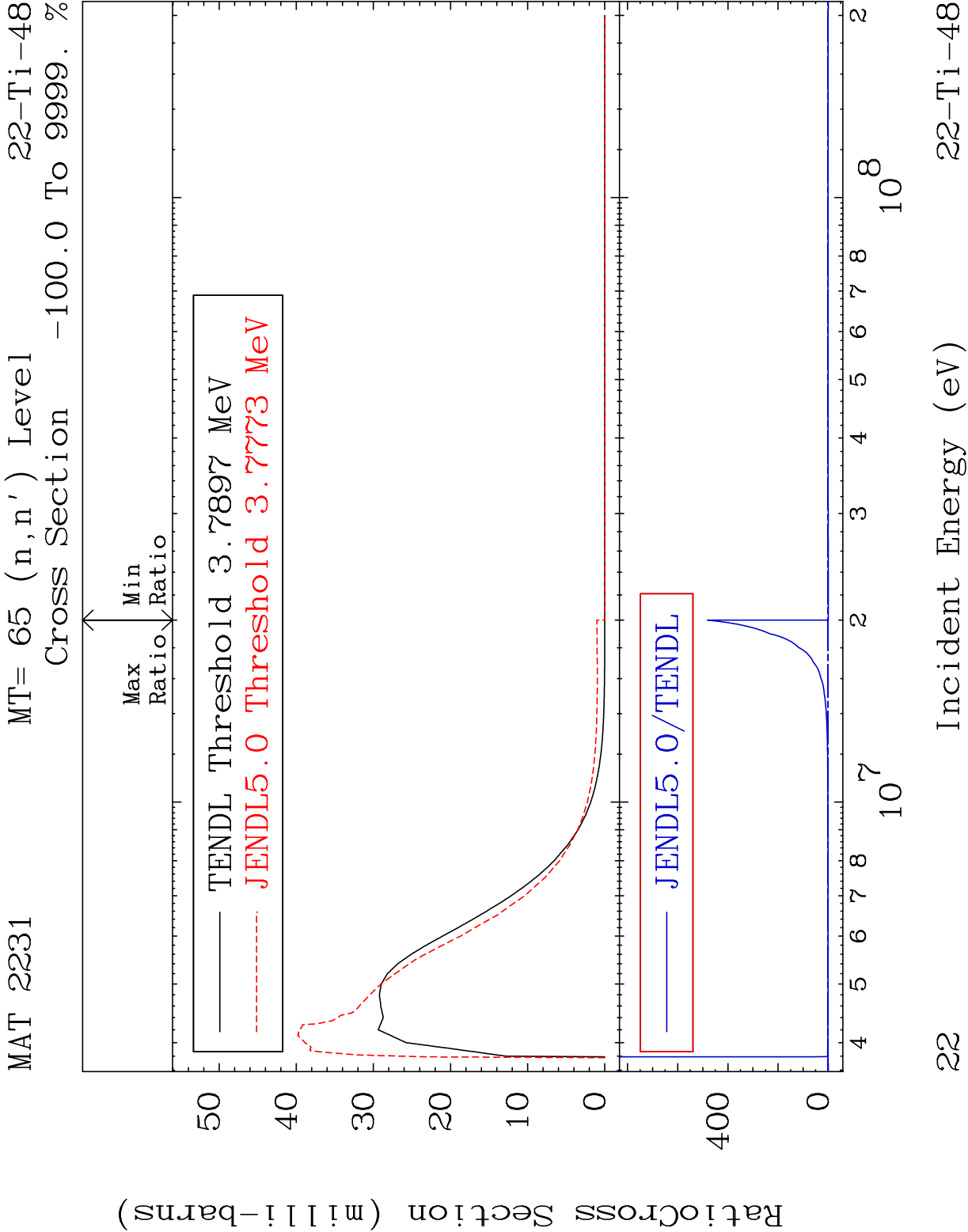


20 Incident Energy (eV) 22-Ti-48

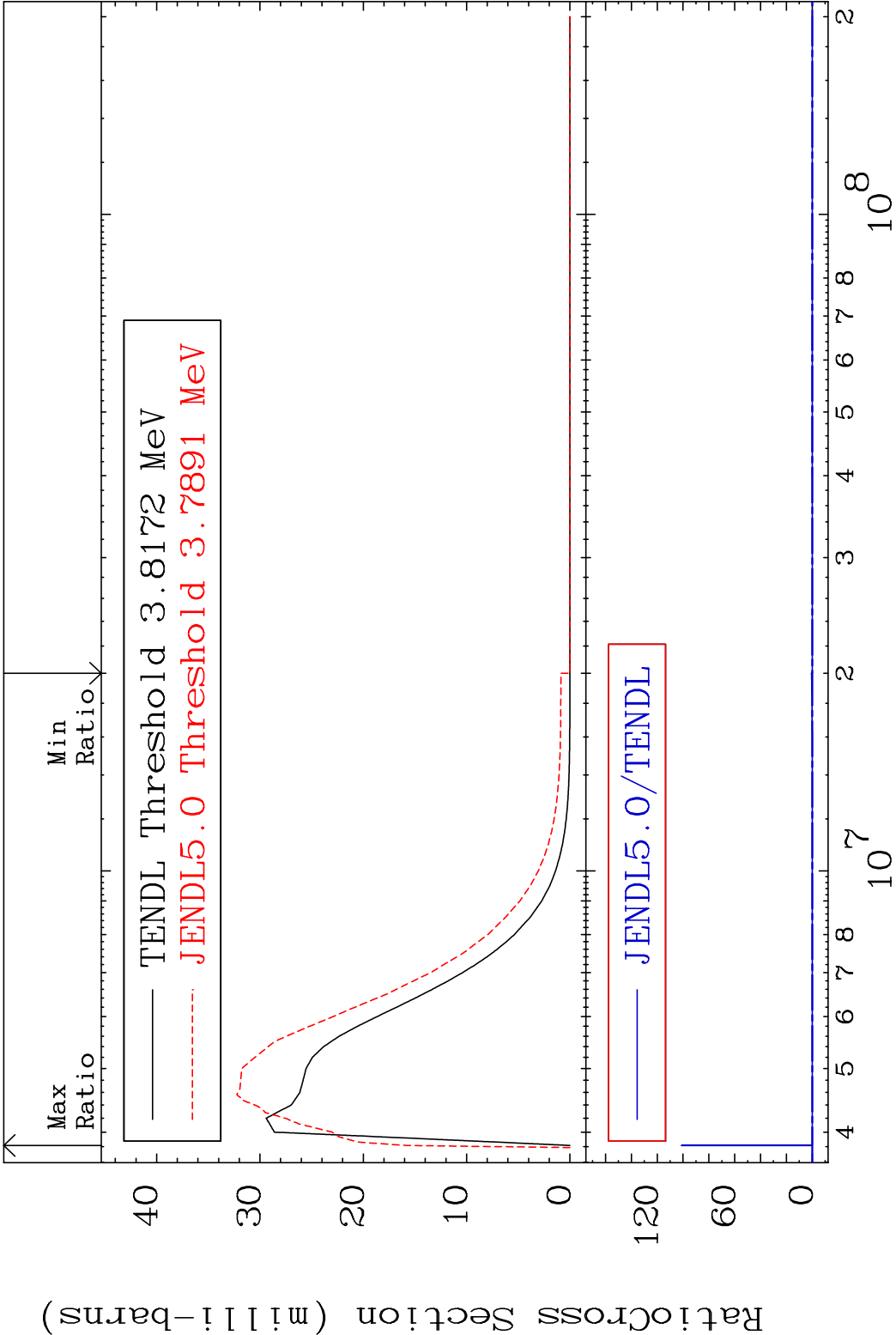
MAT 2231 MT= 64 (n,n') Level 22-Ti-48
Cross Section -100.0 To 1848. %

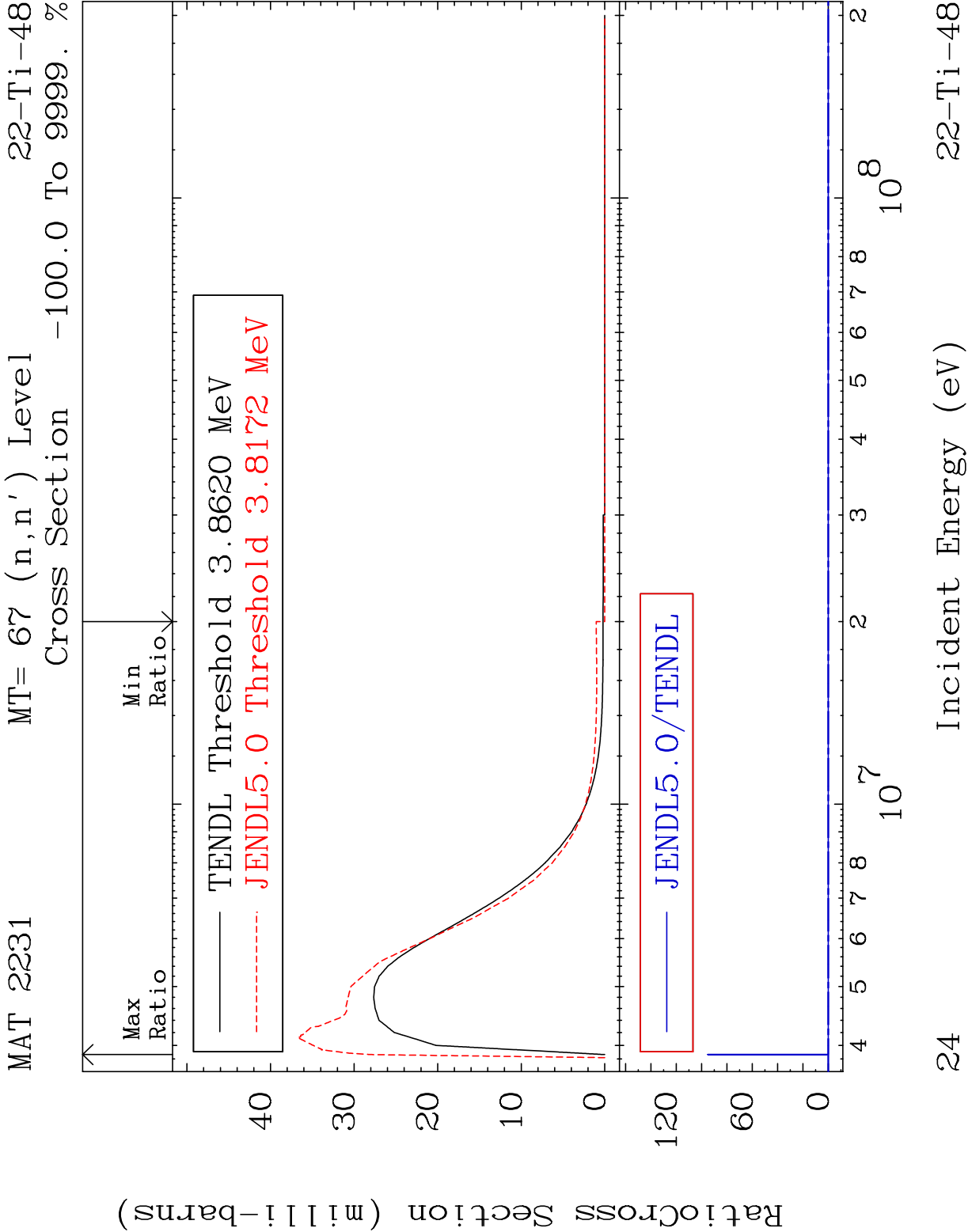


21 Incident Energy (eV) 22-Ti-48

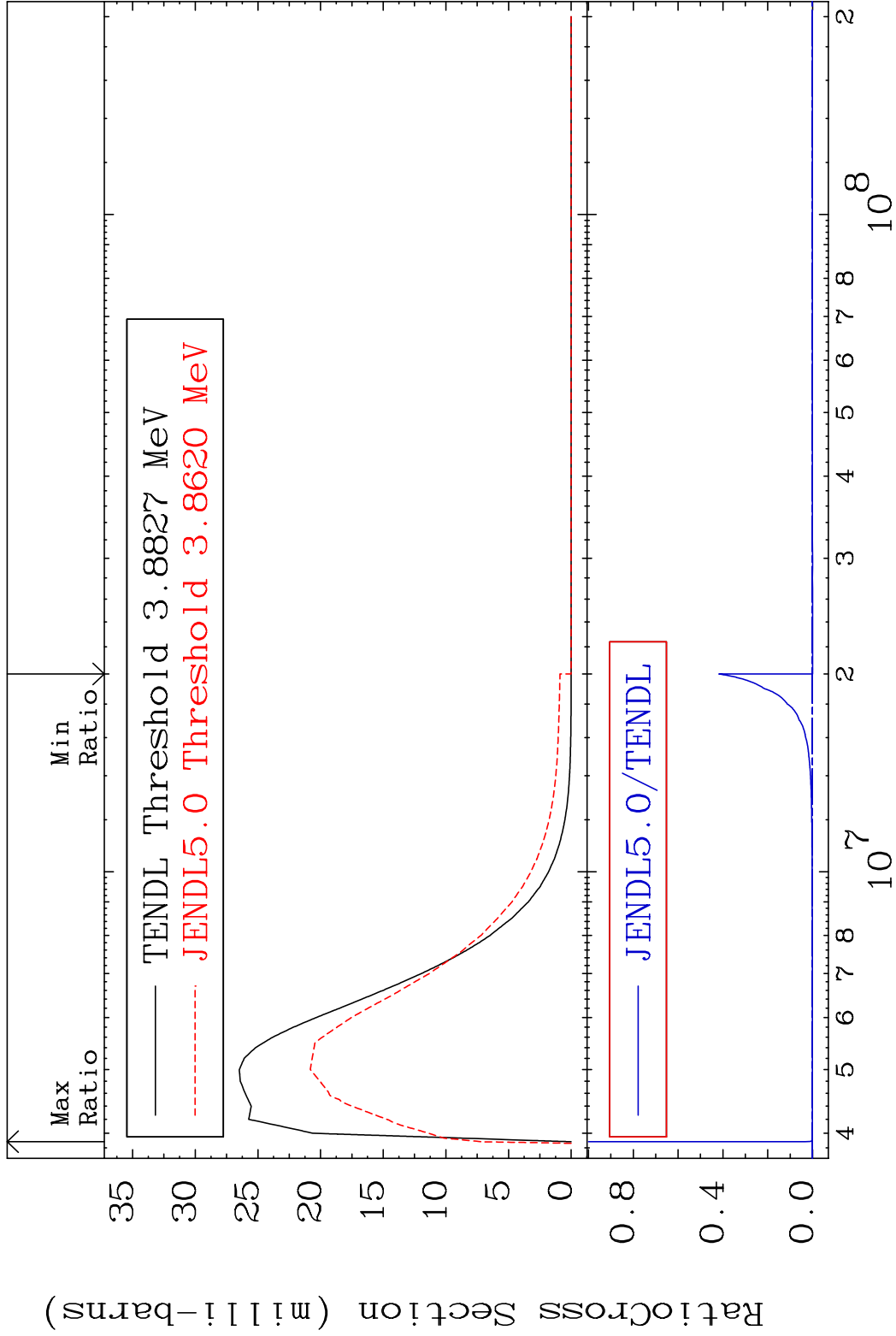


MAT 2231 MT= 66 (n,n') Level 22-Ti-48
Cross Section -100.0 To 9999. %



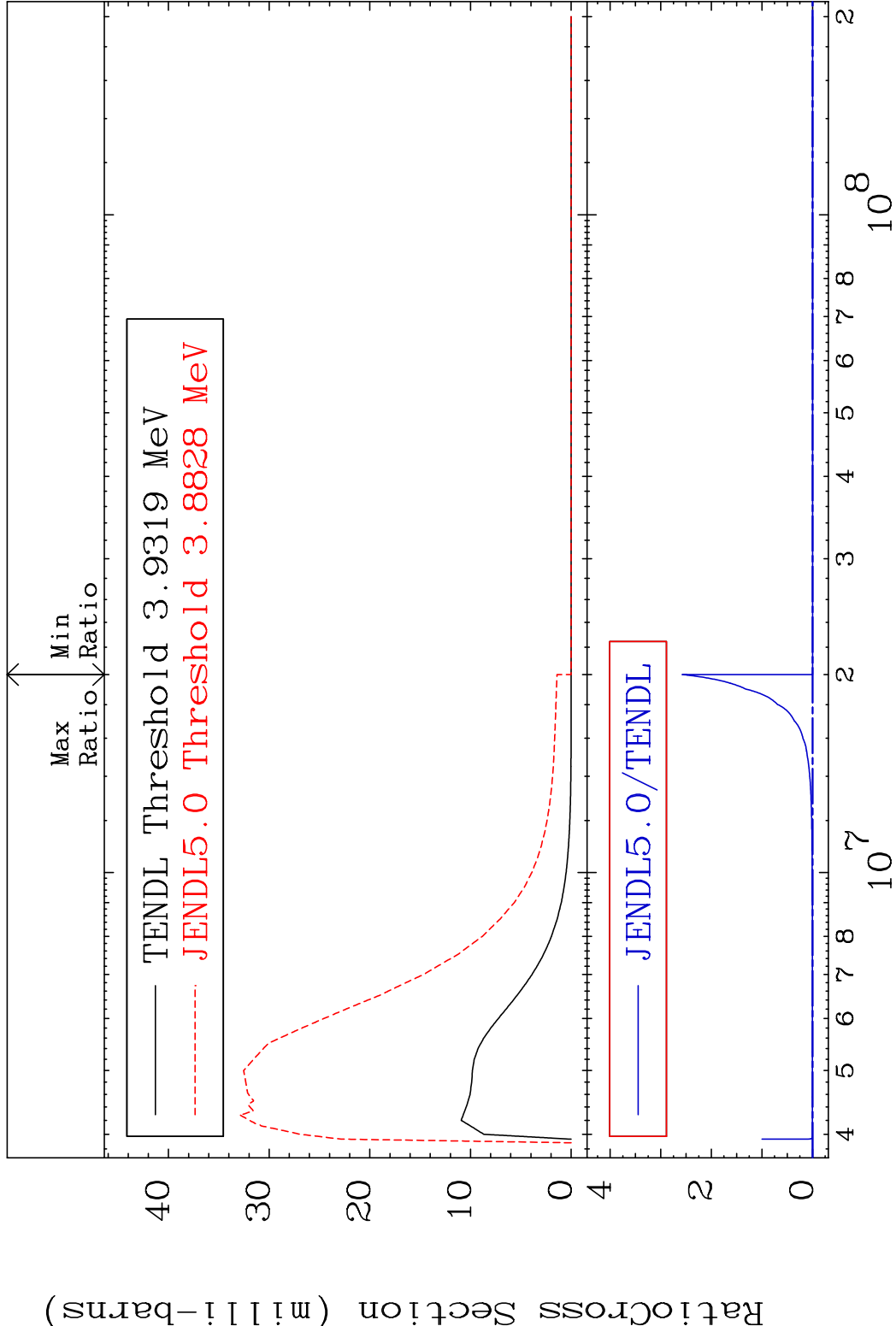


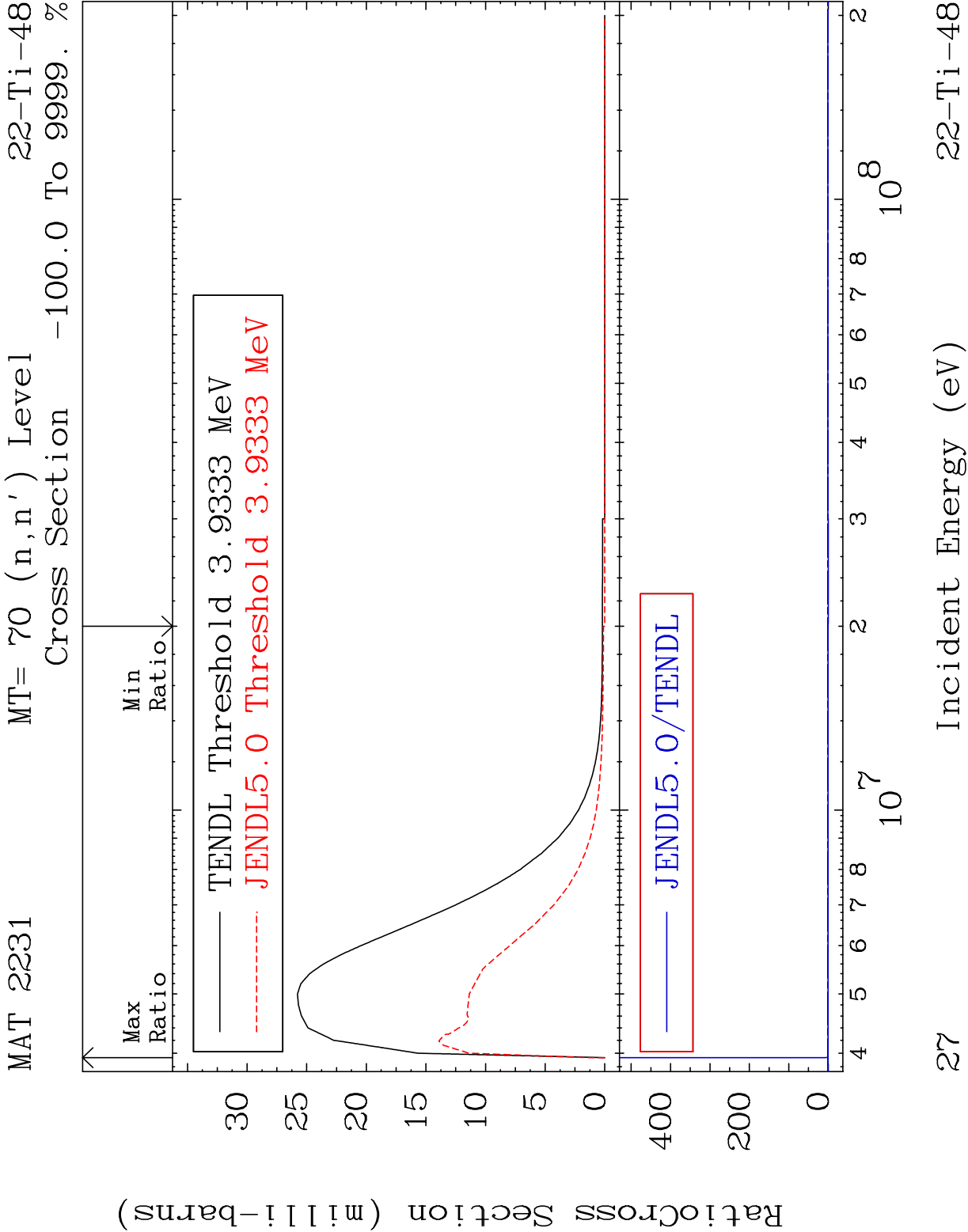
MAT 2231 MT= 68 (n,n') Level 22-Ti-48
Cross Section -100.0 To 9999. %

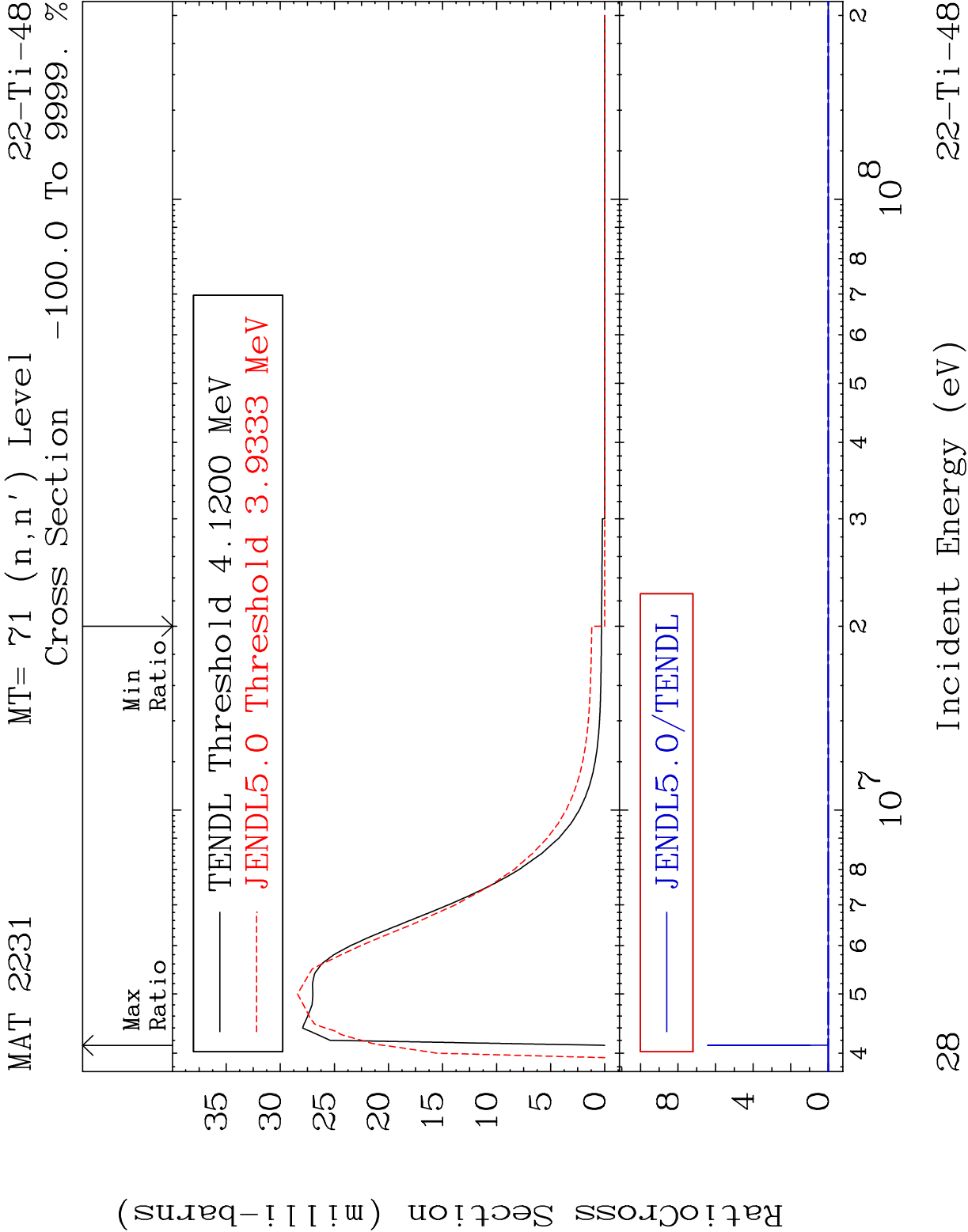


25 Incident Energy (eV) 22-Ti-48

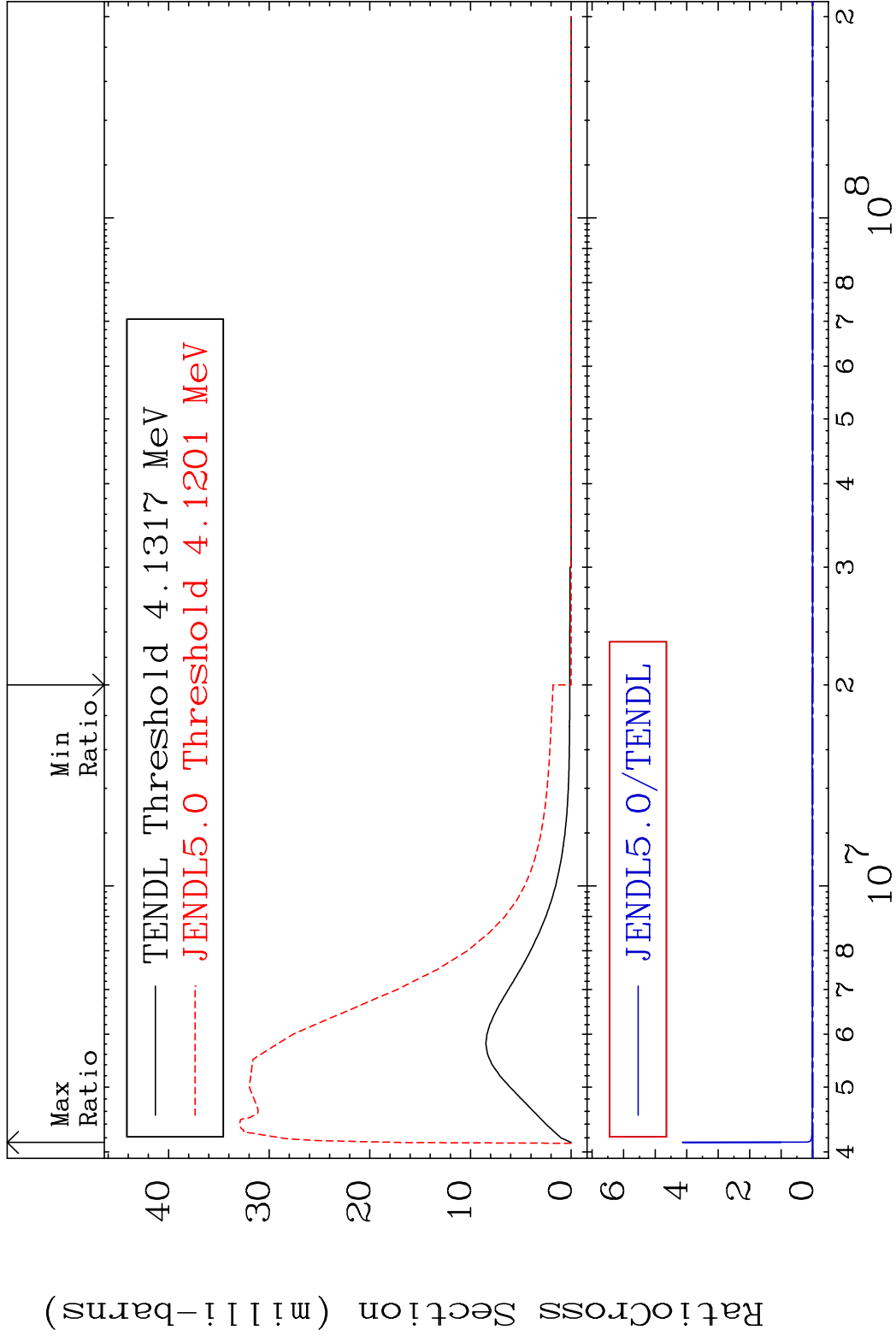
MAT 2231 MT= 69 (n,n') Level 22-Ti-48
Cross Section -100.0 To 9999. %



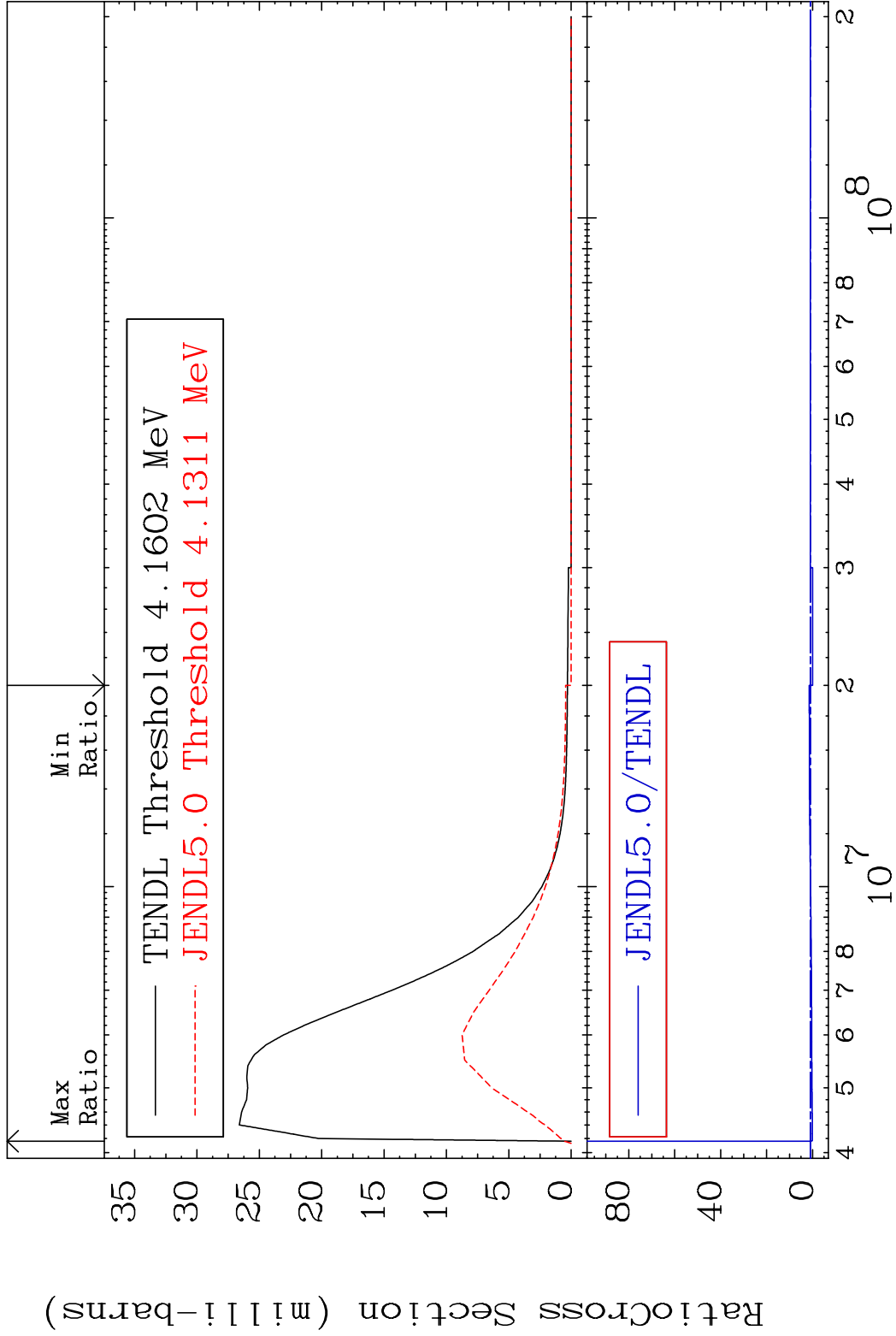


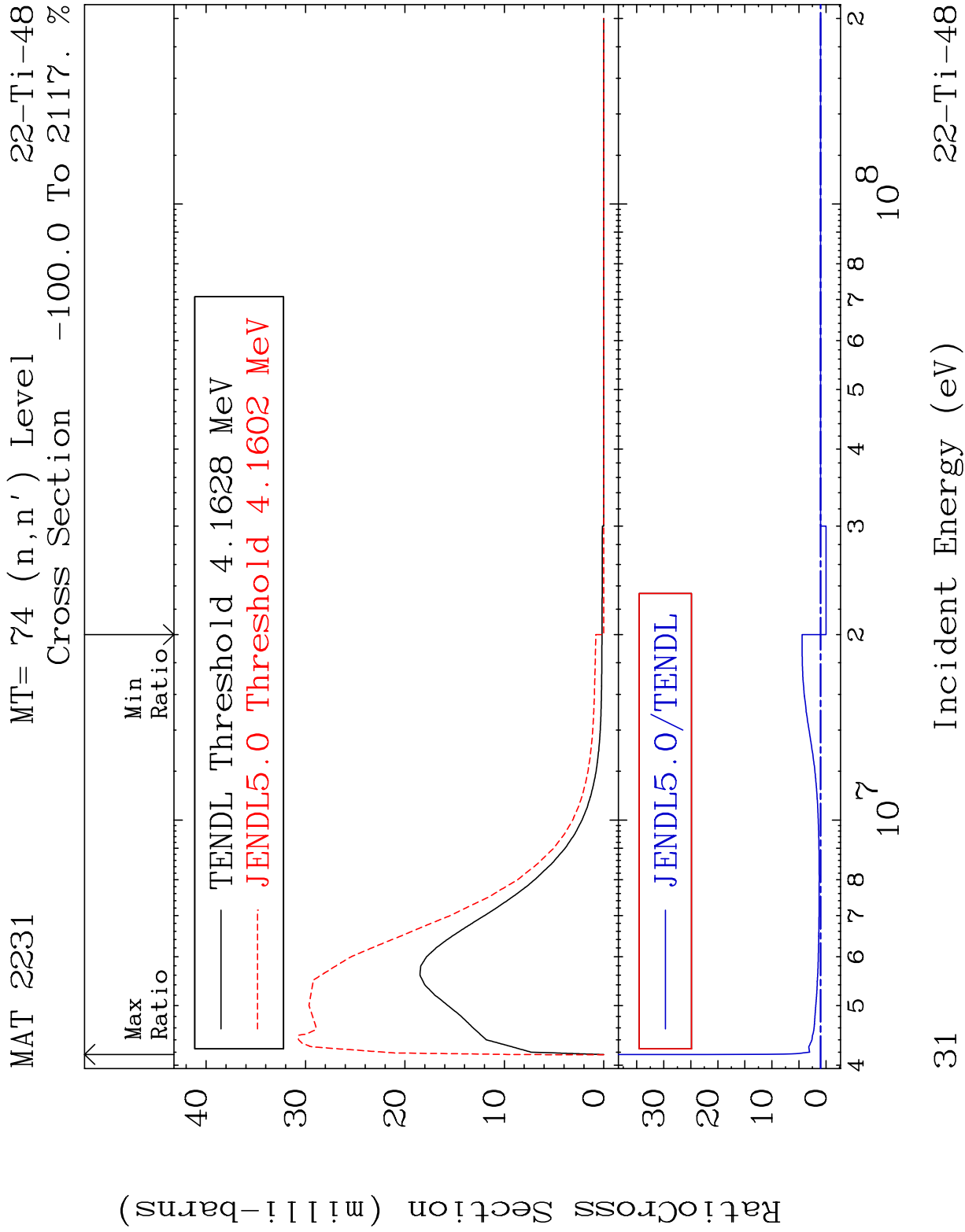


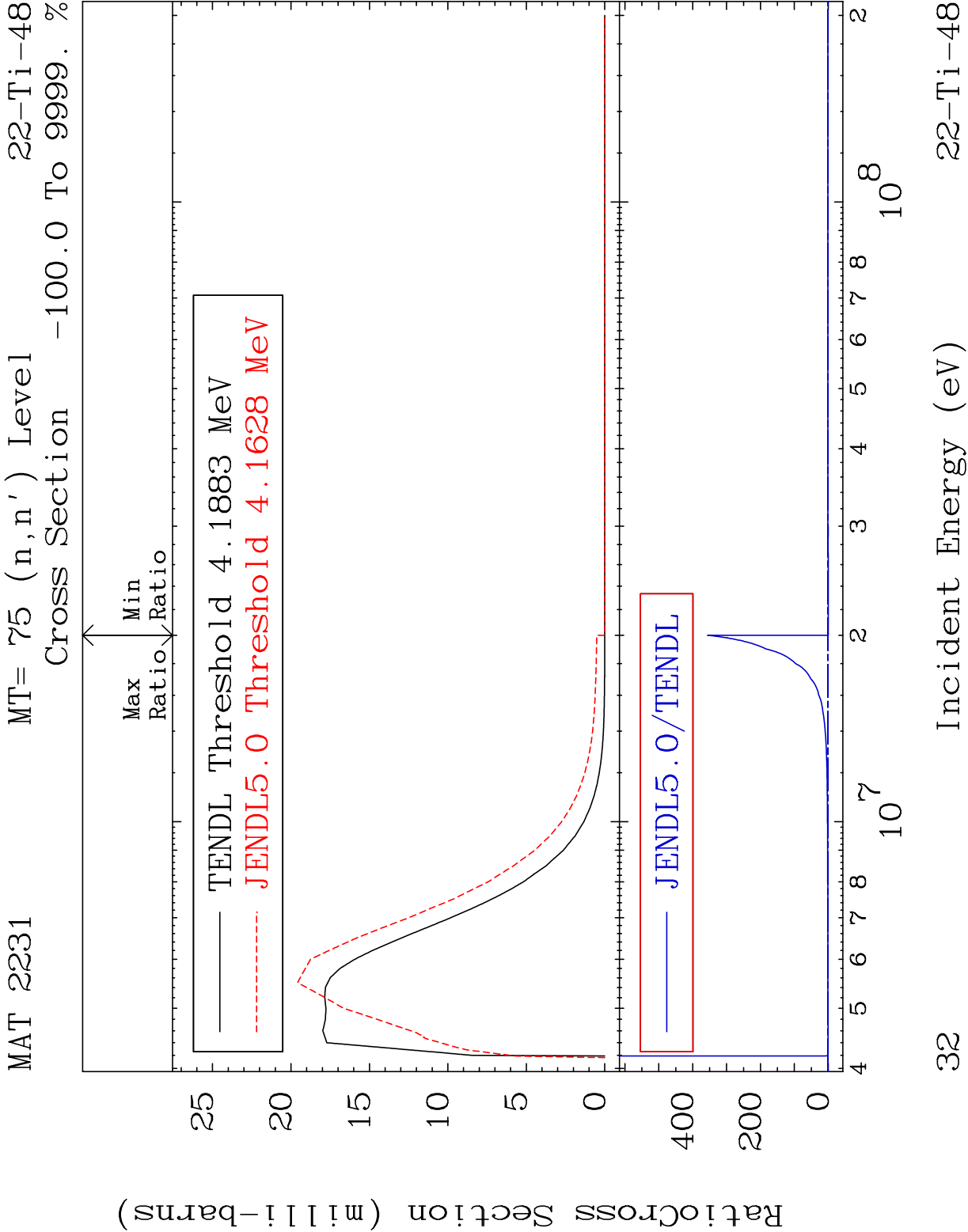
MAT 2231 MT= 72 (n,n') Level 22-Ti-48
Cross Section -100.0 To 9999. %

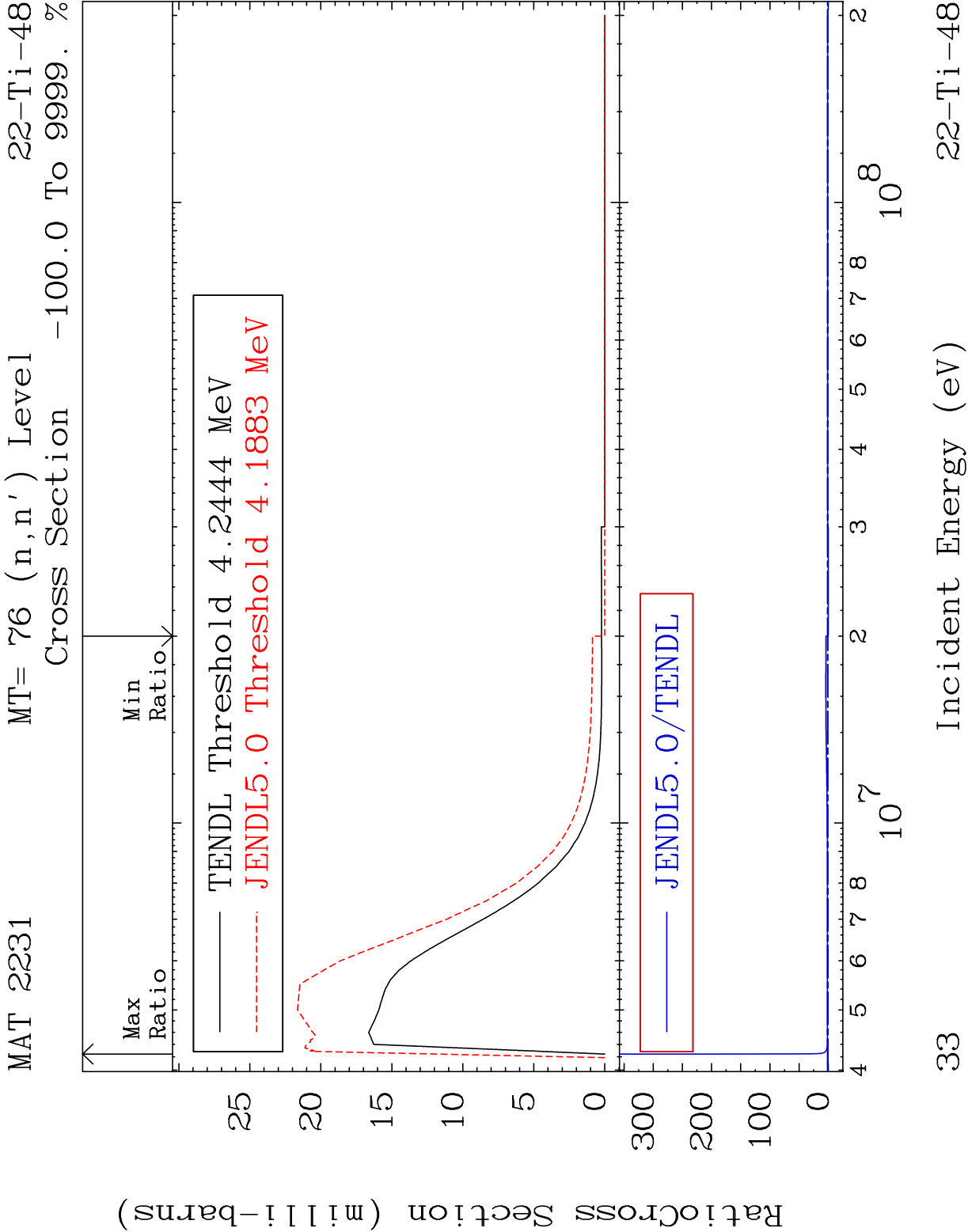


MAT 2231 MT= 73 (n,n') Level 22-Ti-48
Cross Section -100.0 To 5568. %

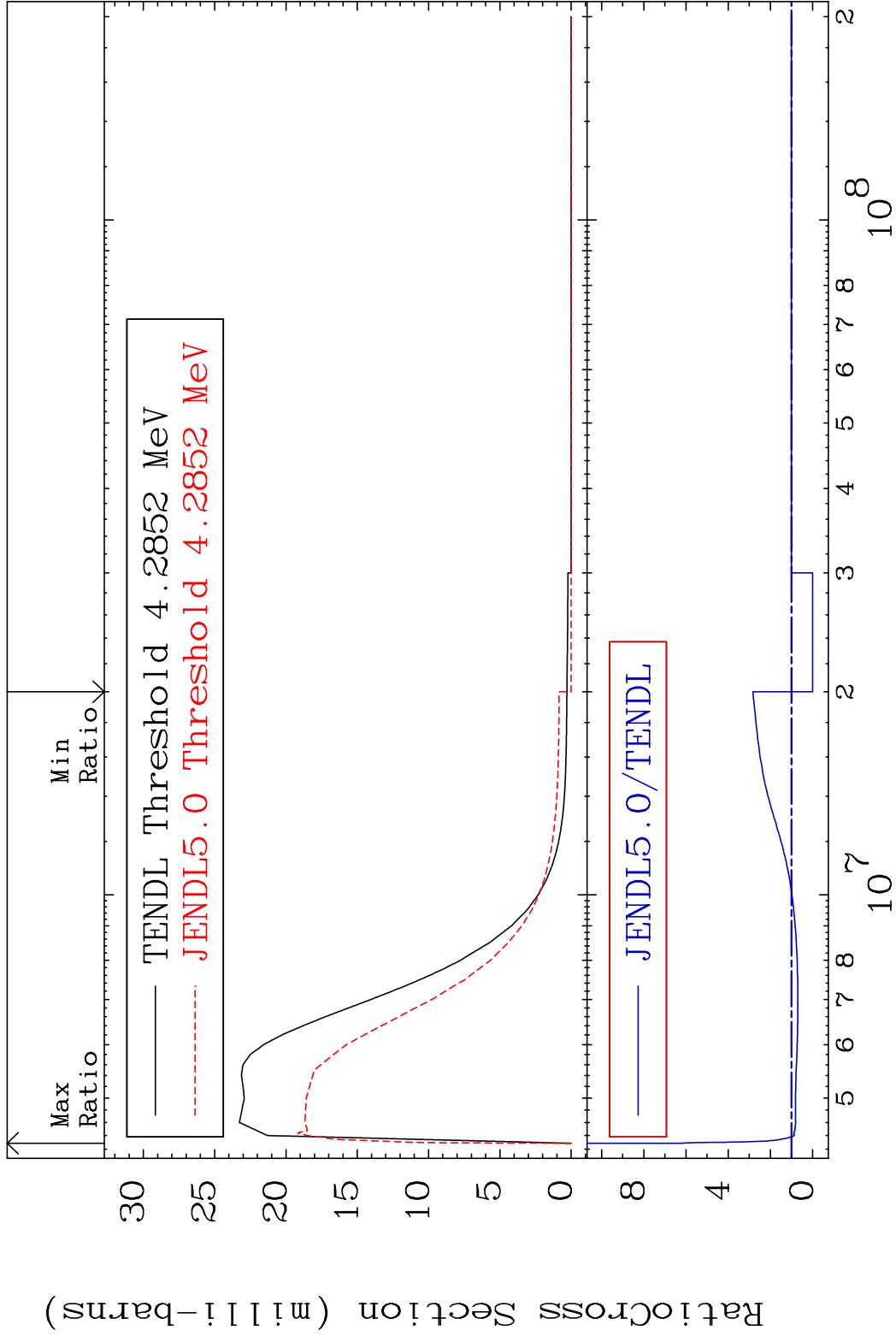




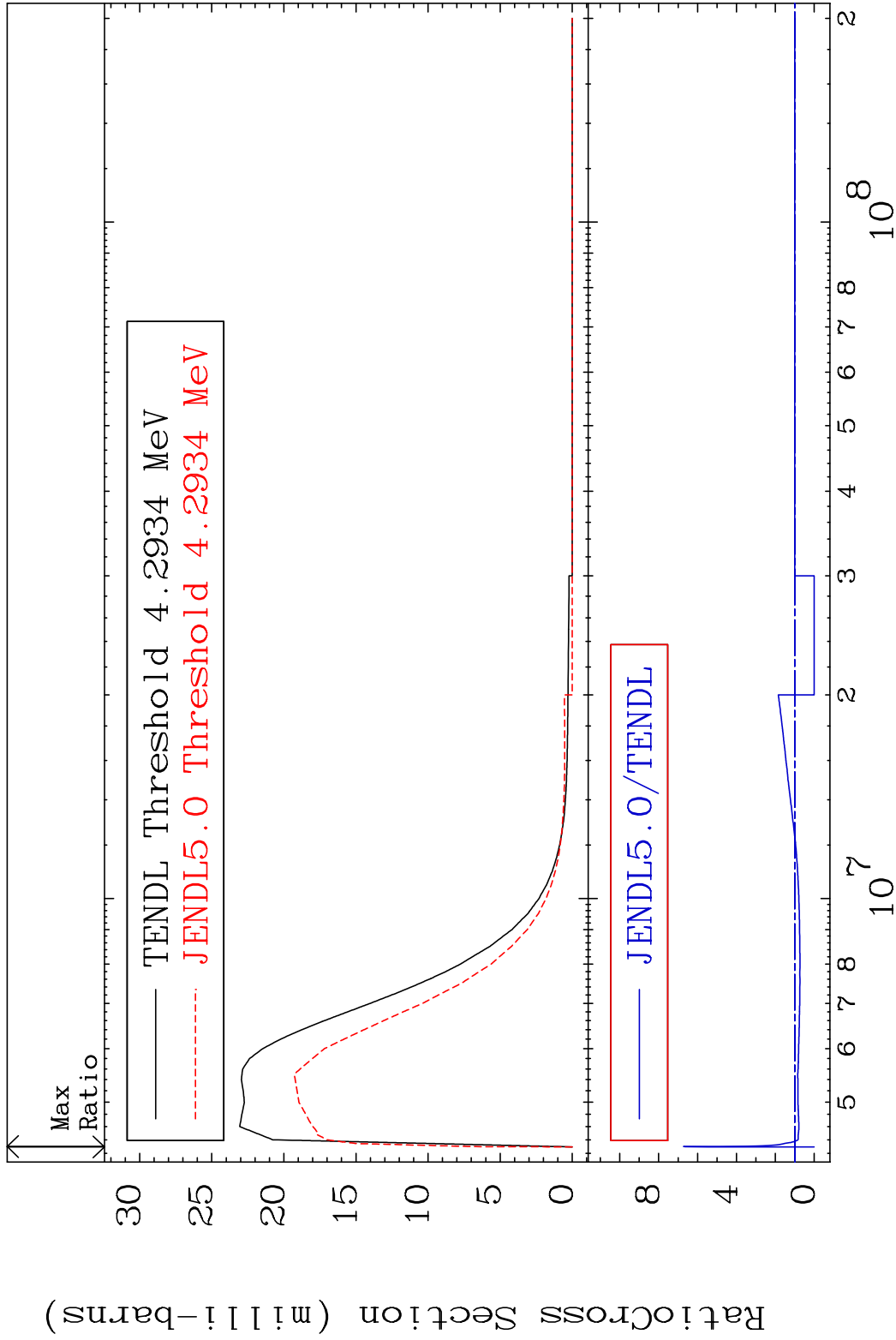


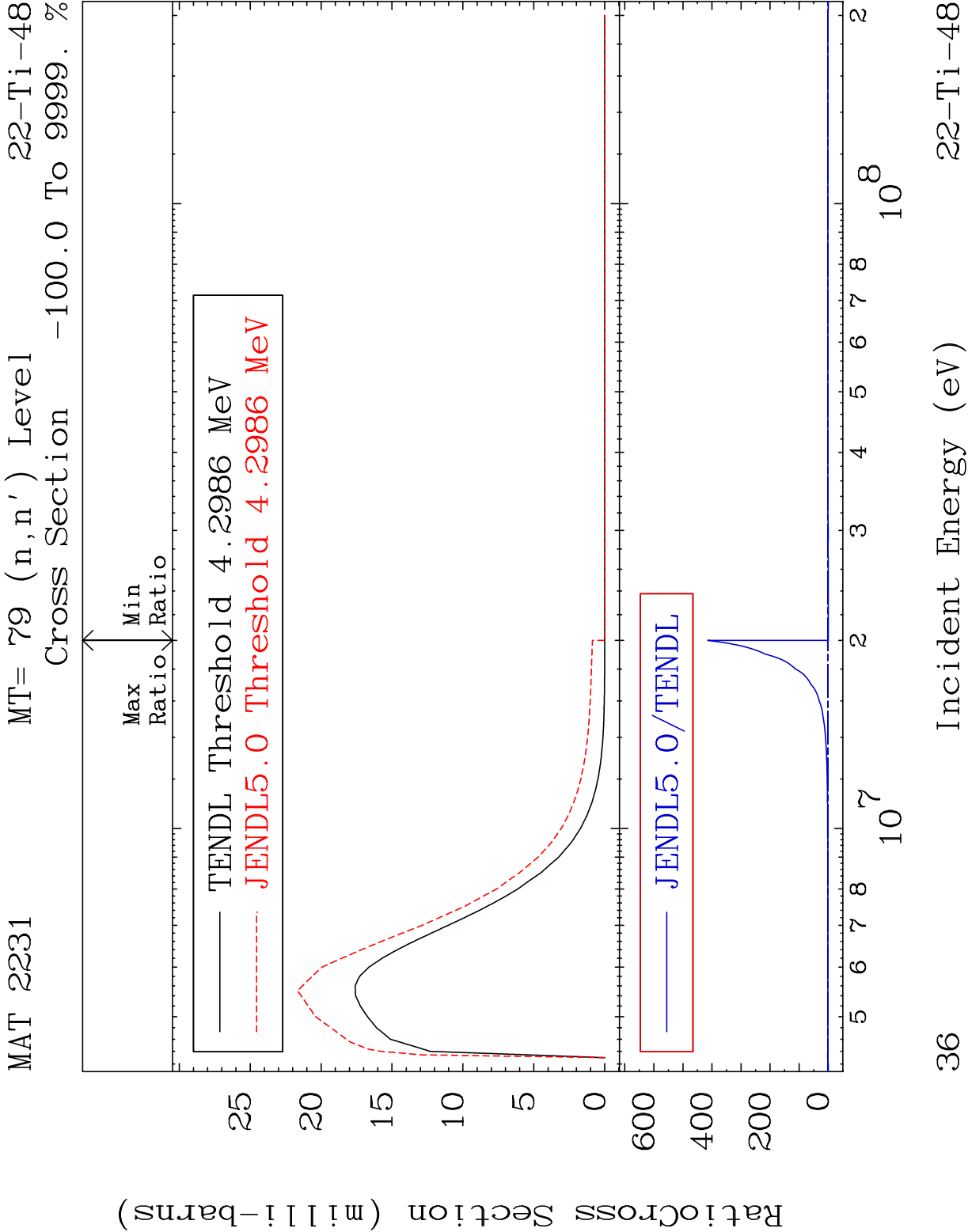


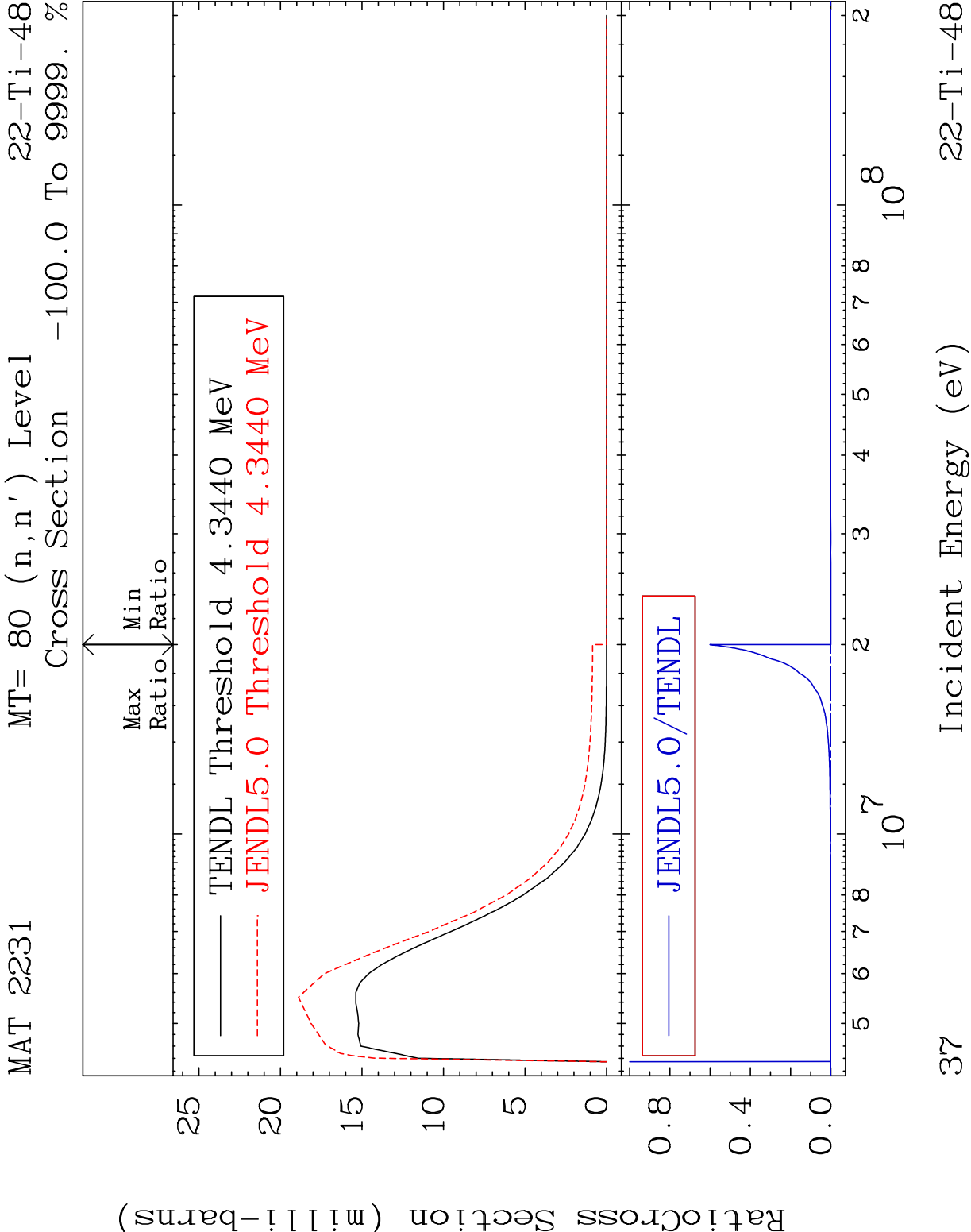
MAT 2231 MT= 77 (n,n') Level 22-Ti-48
Cross Section -100.0 To 517.1 %

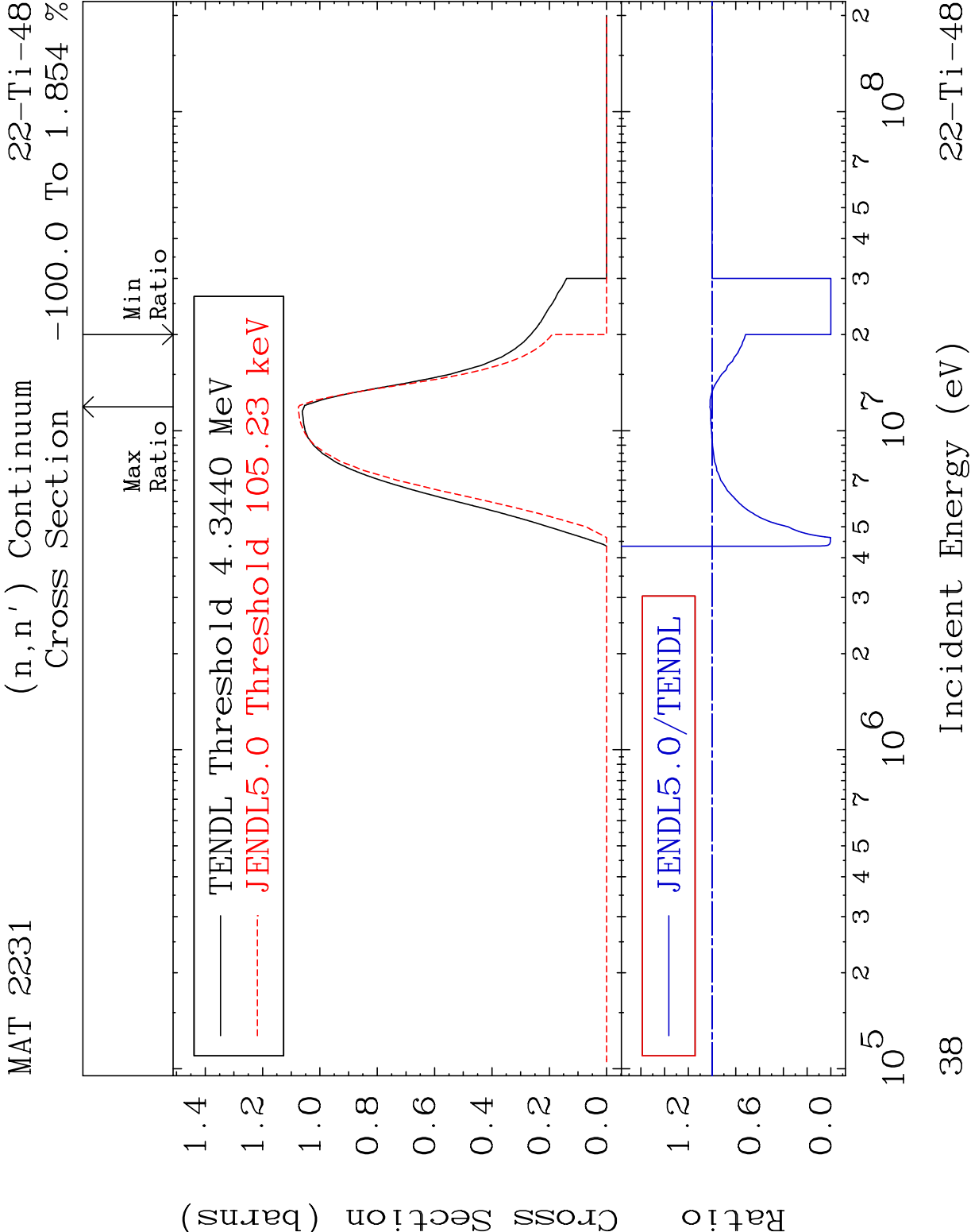


MAT 2231 MT= 78 (n,n') Level 22-Ti-48
Cross Section -100.0 To 571.4 %







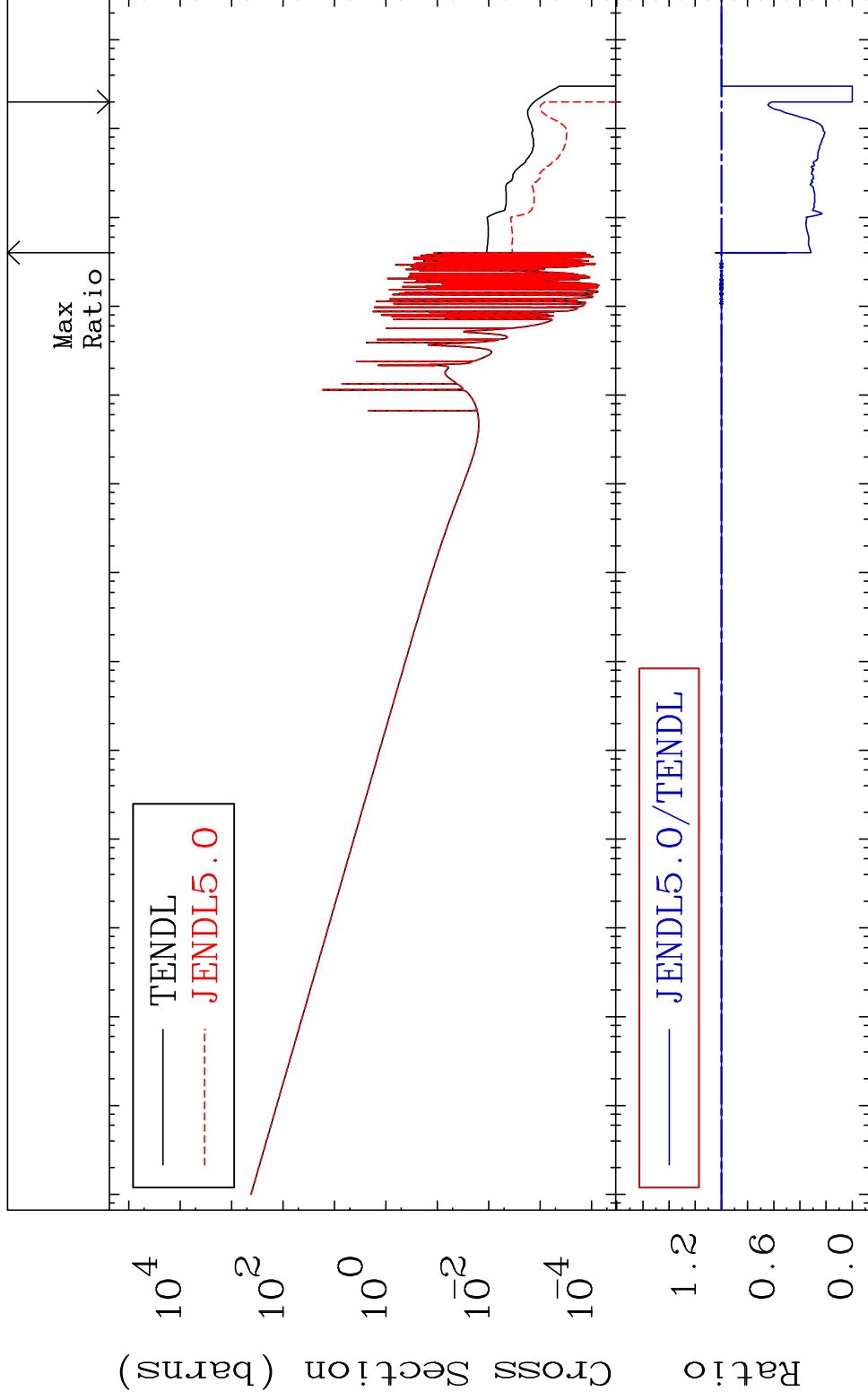


MAT 2231

(n, γ)

22-Ti-48

Cross Section -100.0 To 4.380 %

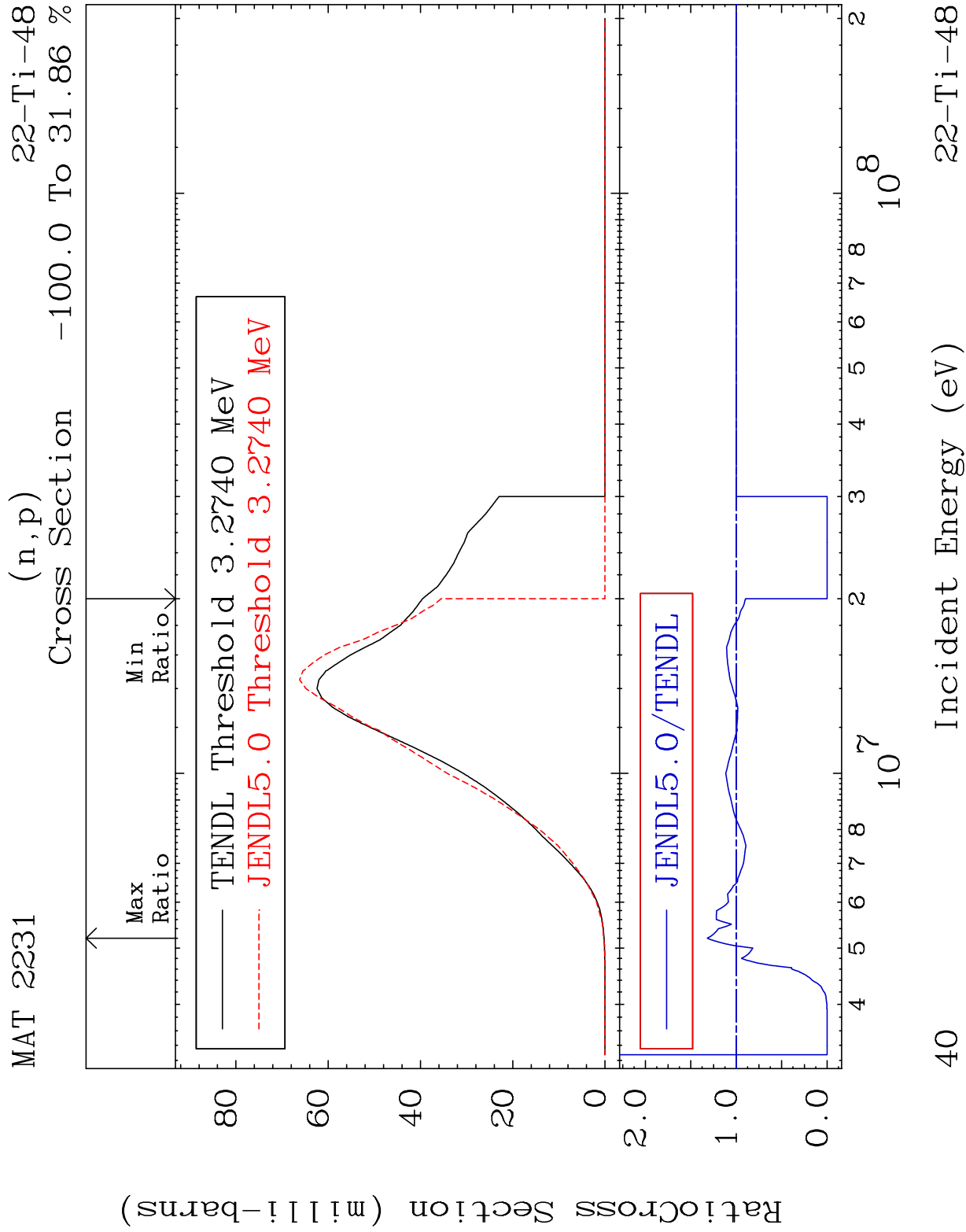


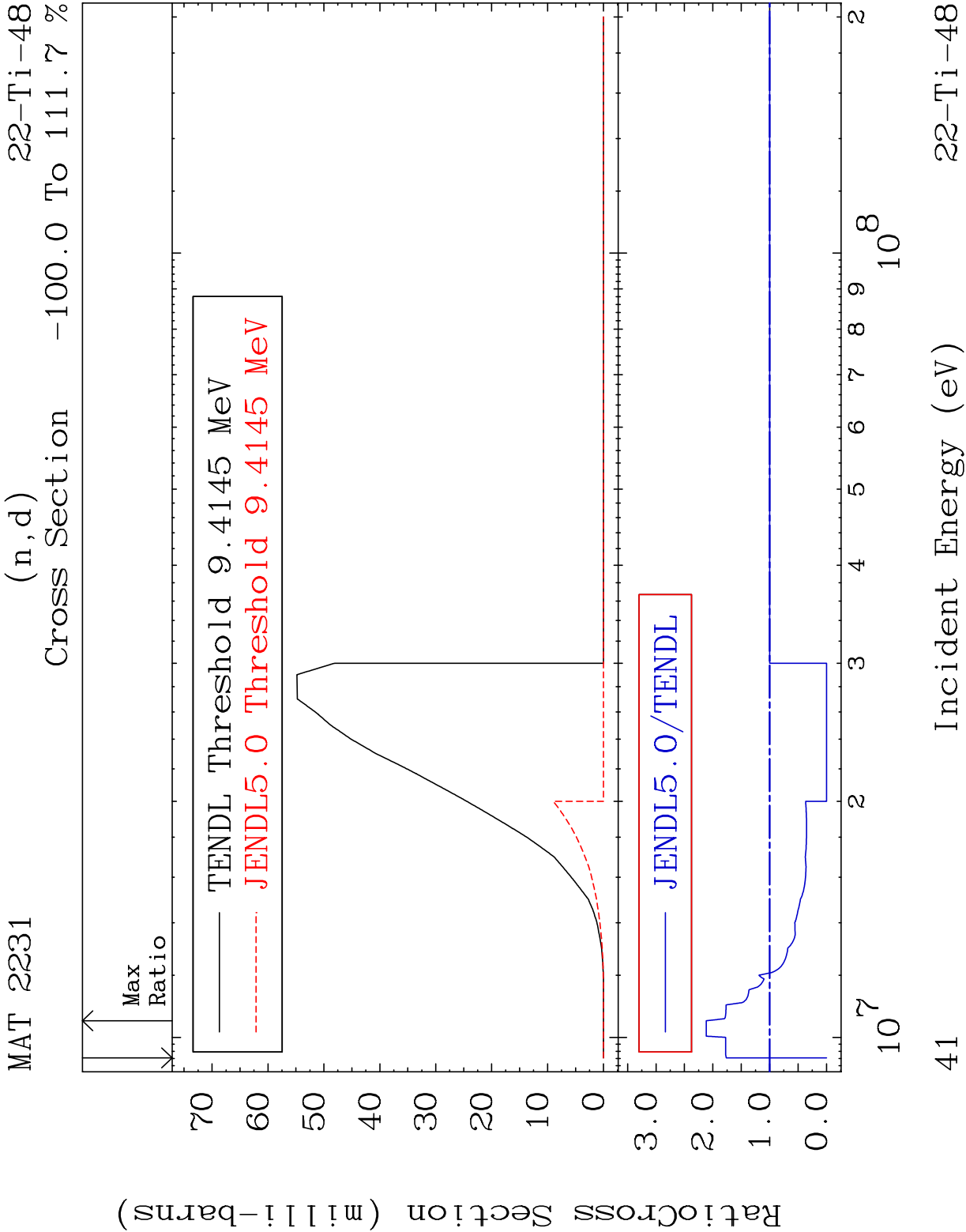
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

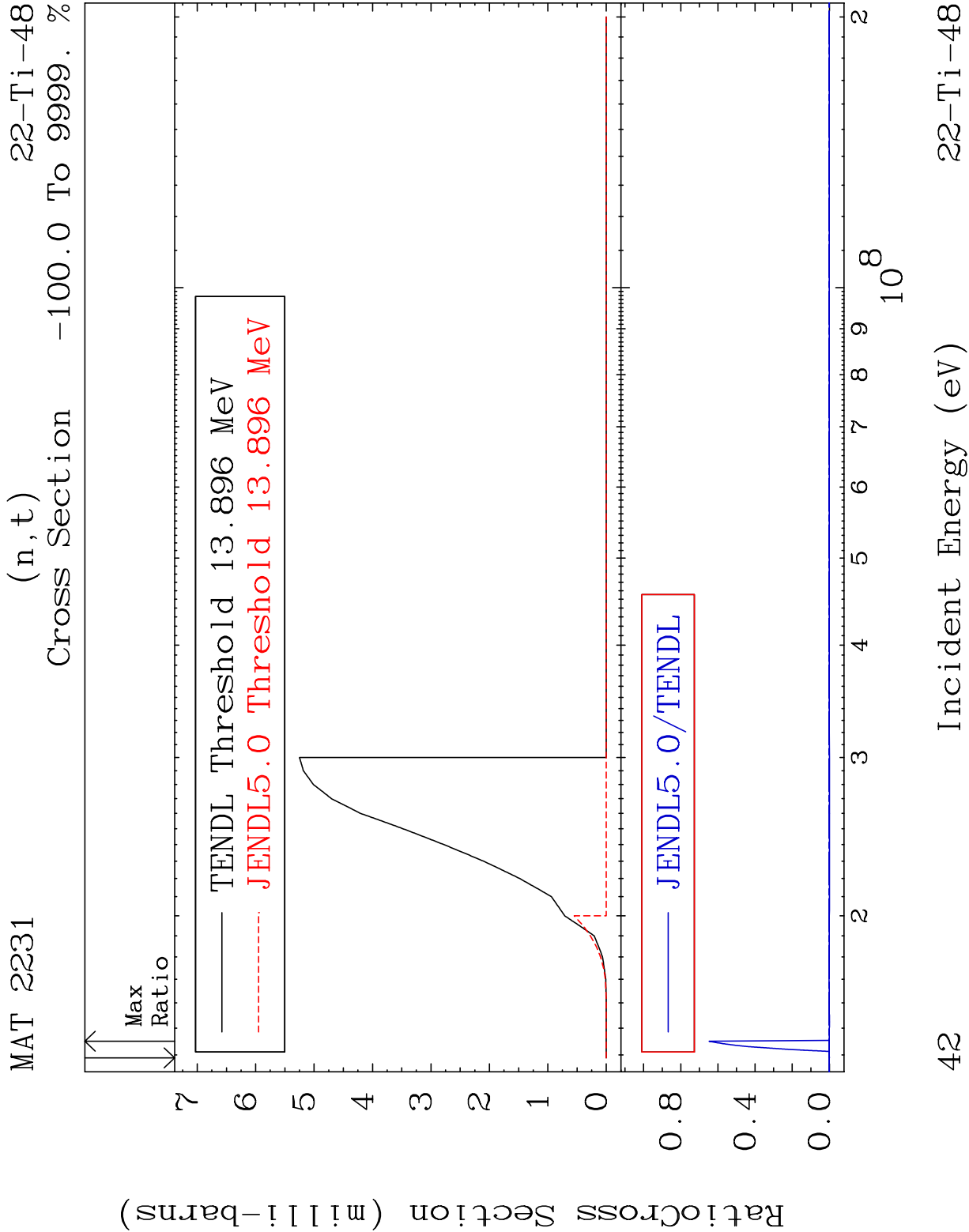
39

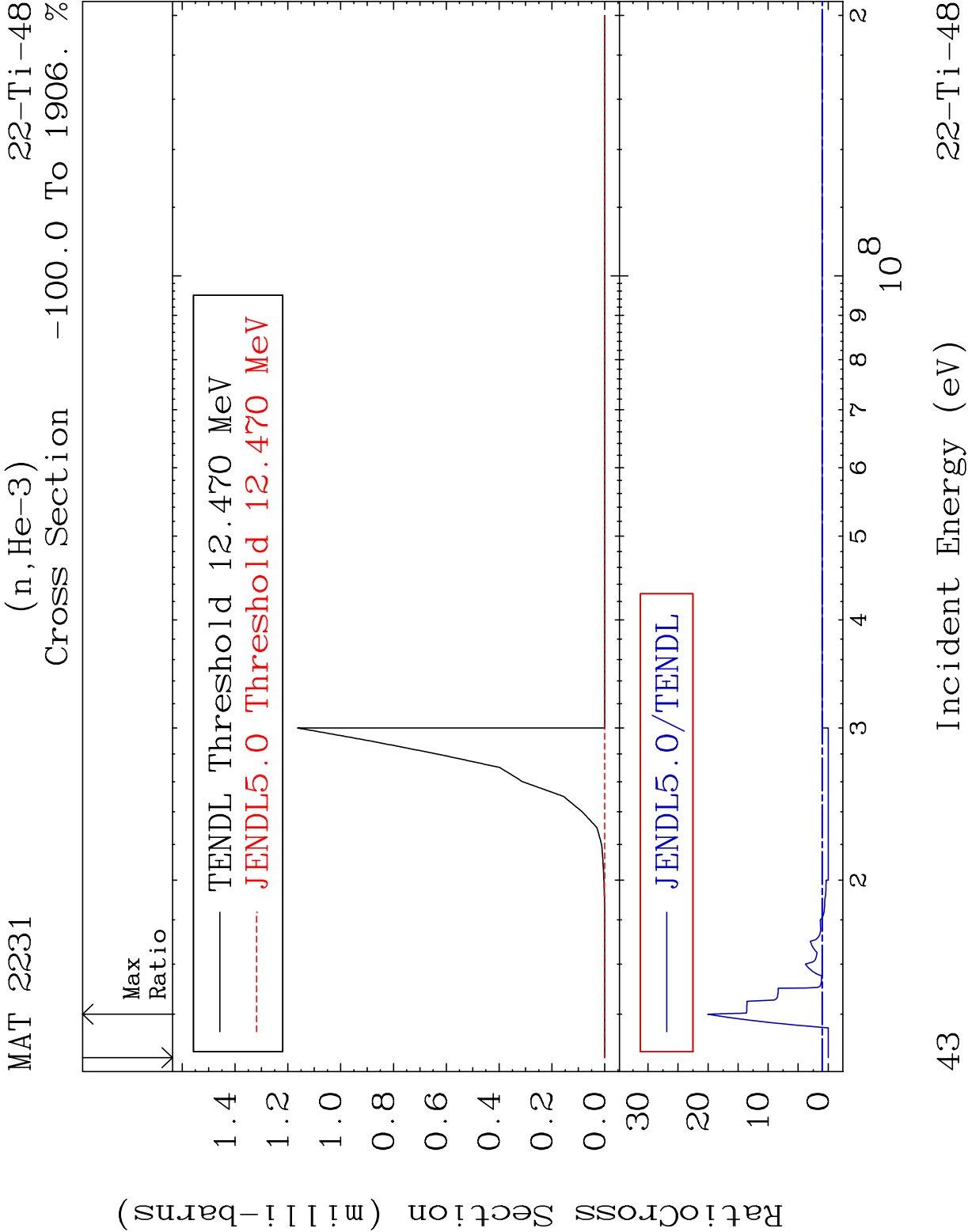
Incident Energy (eV)

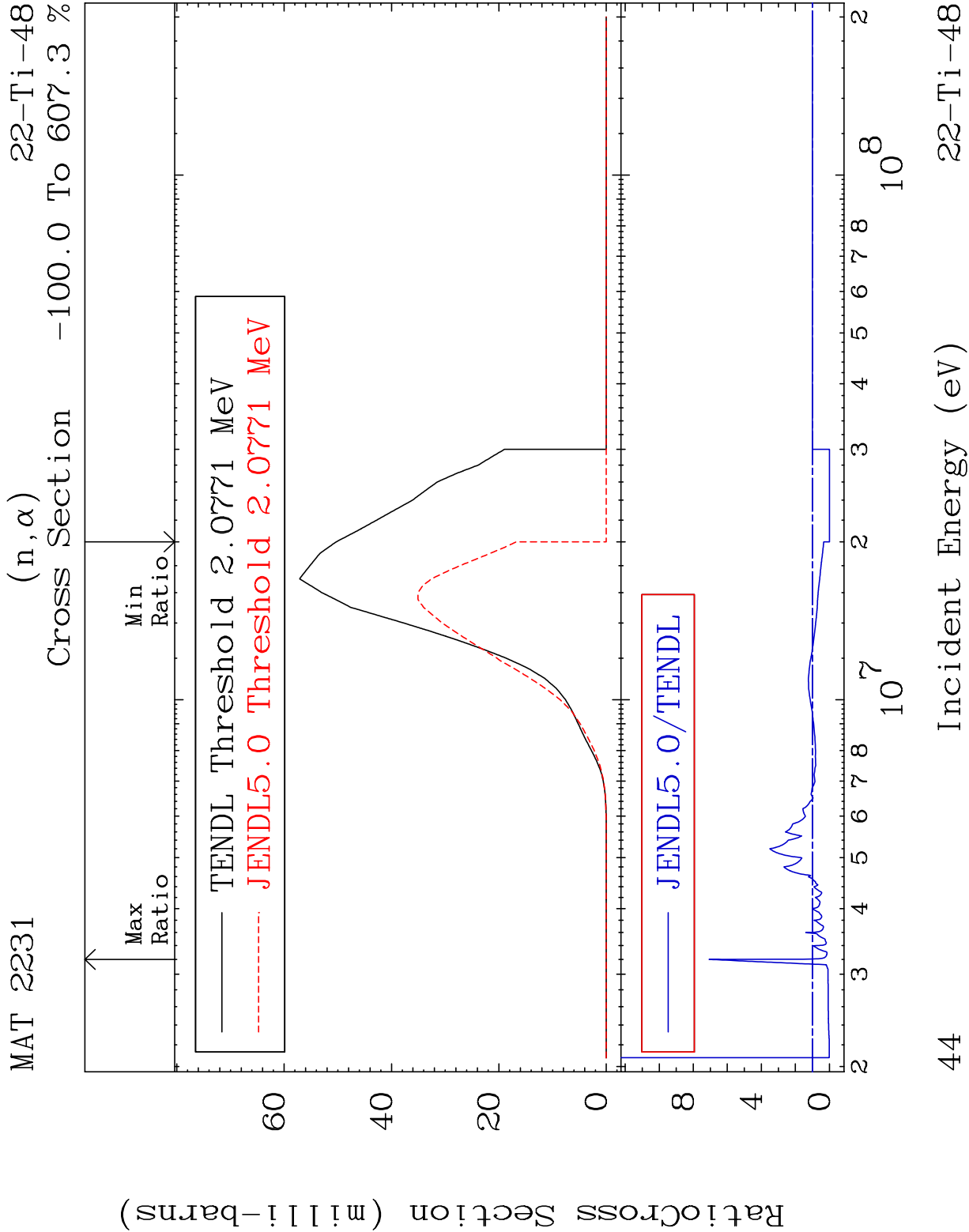
22-Ti-48

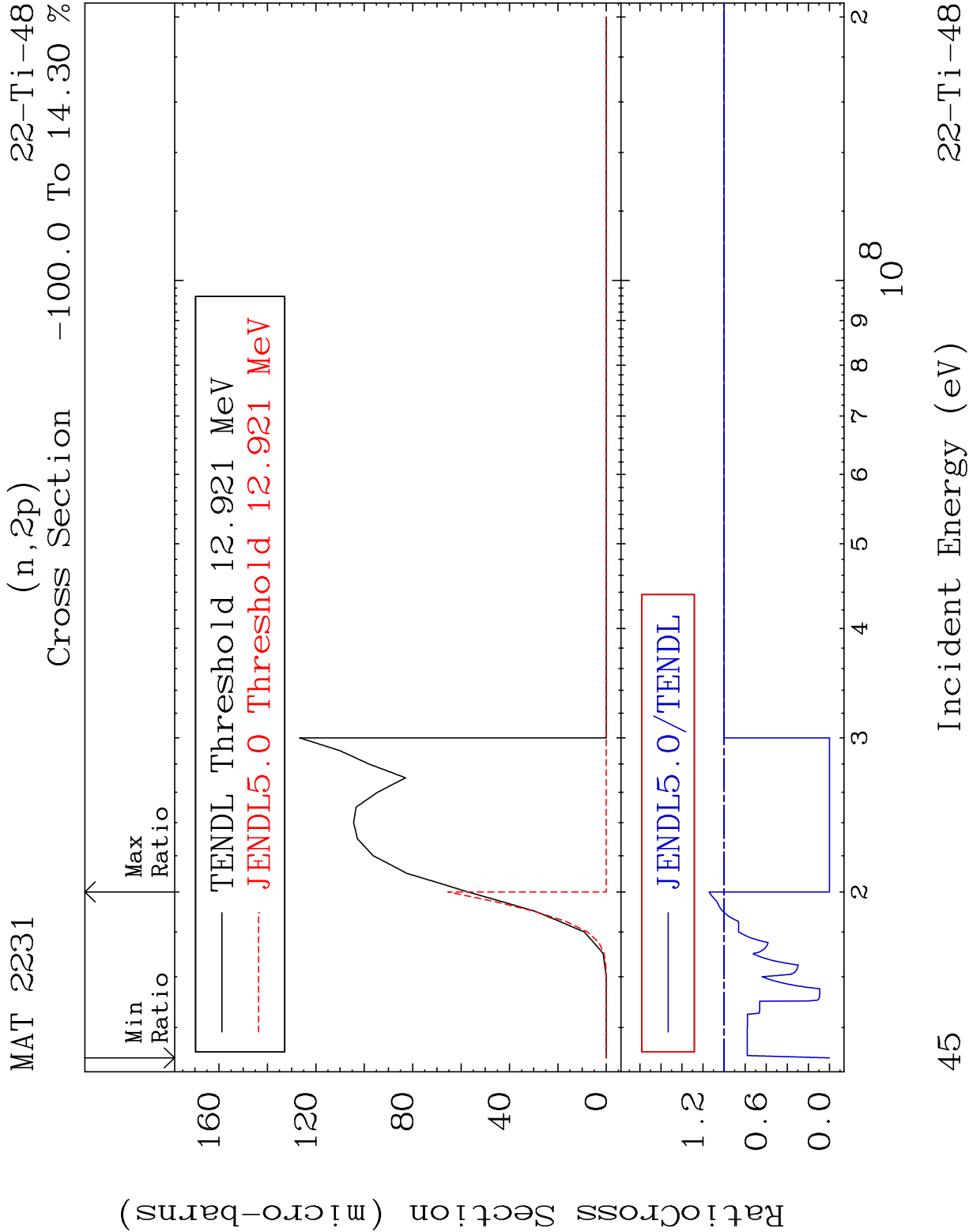




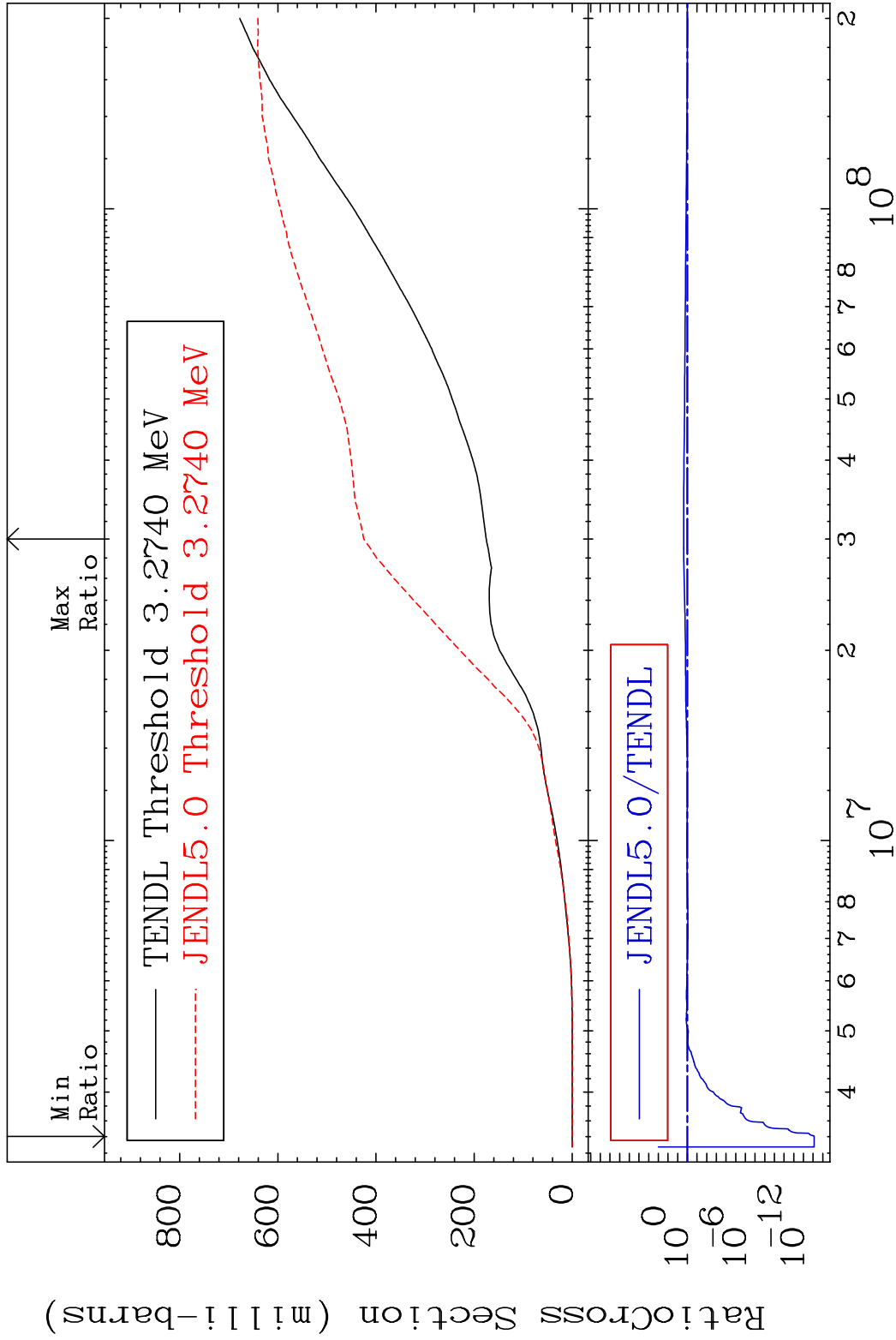


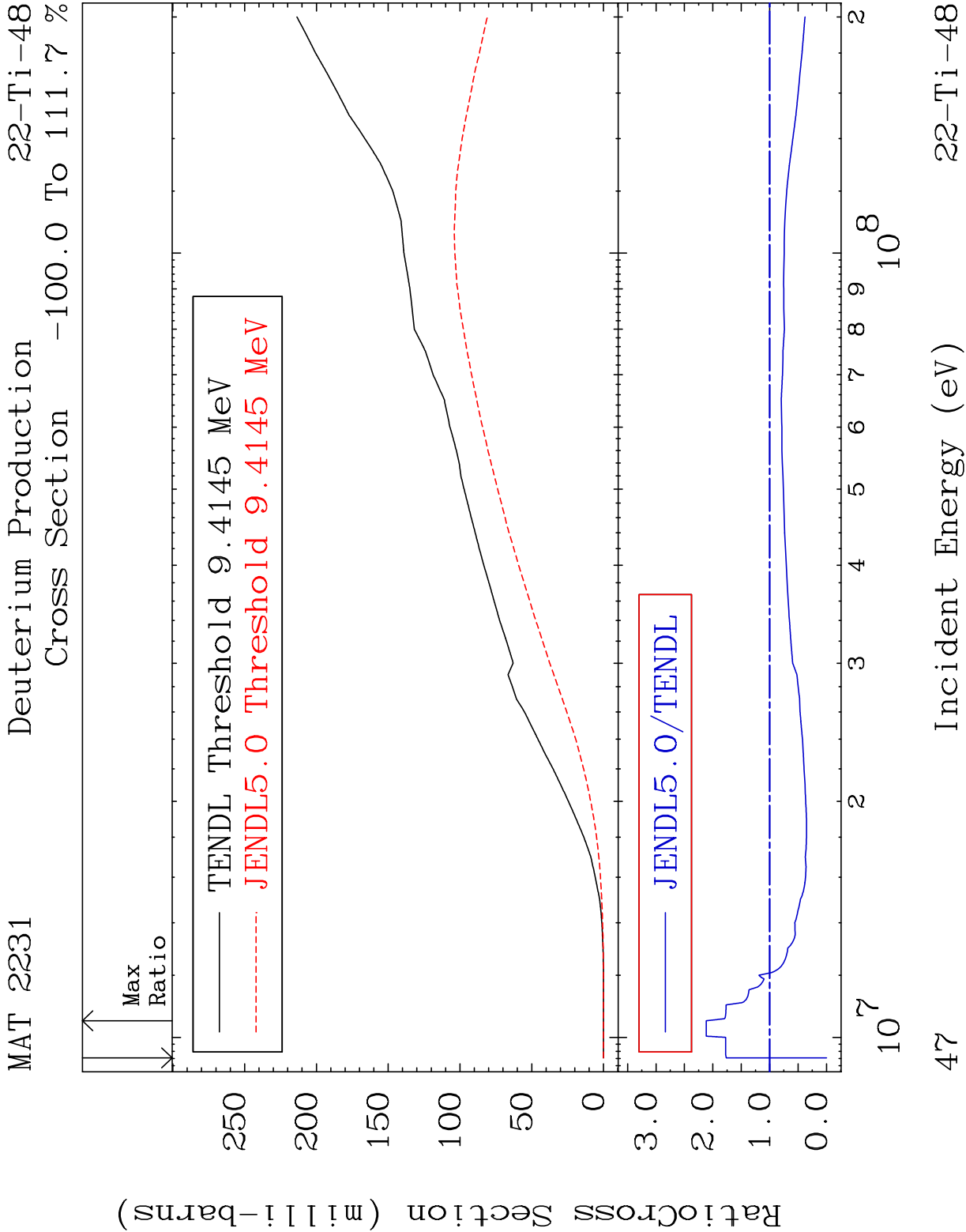


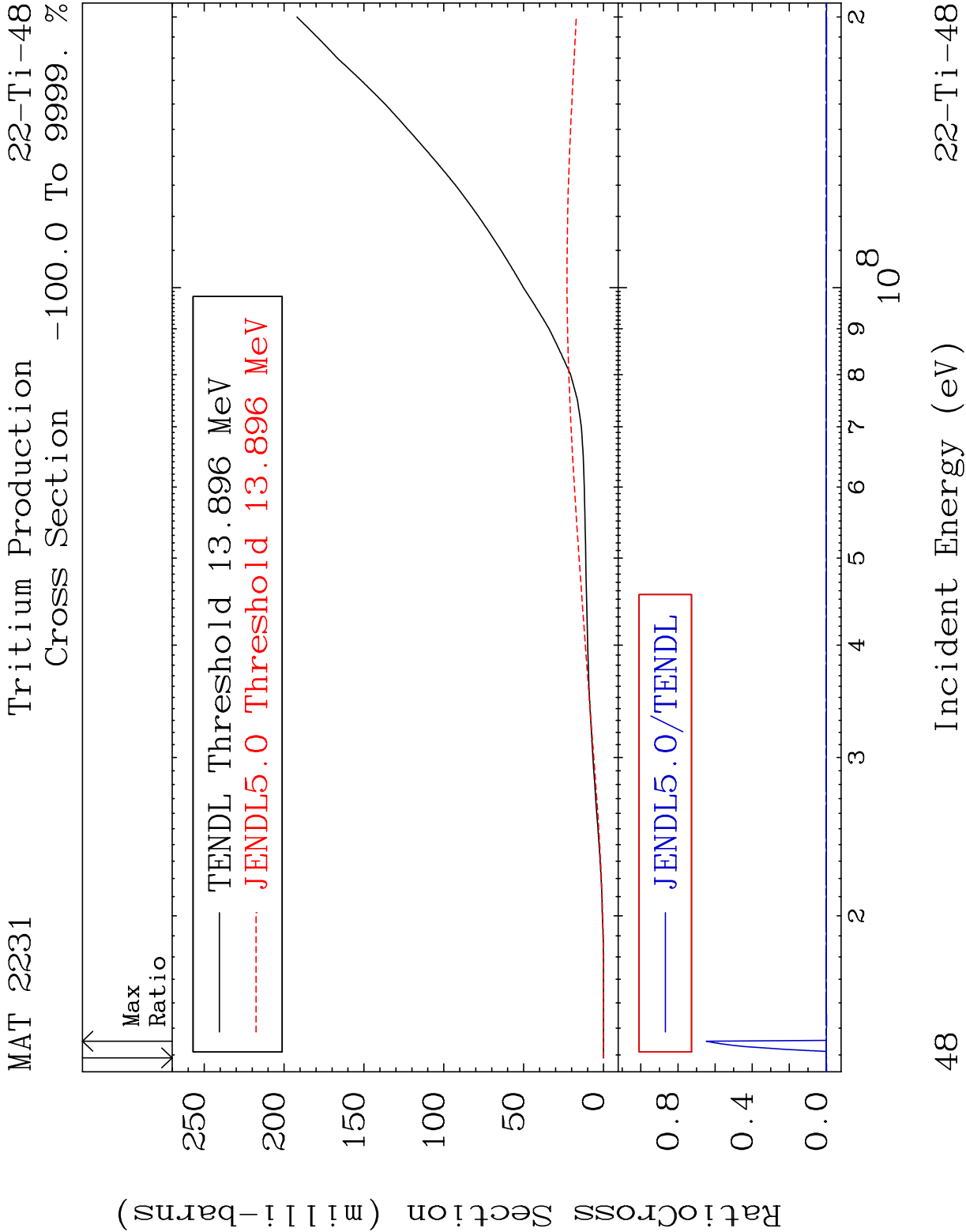


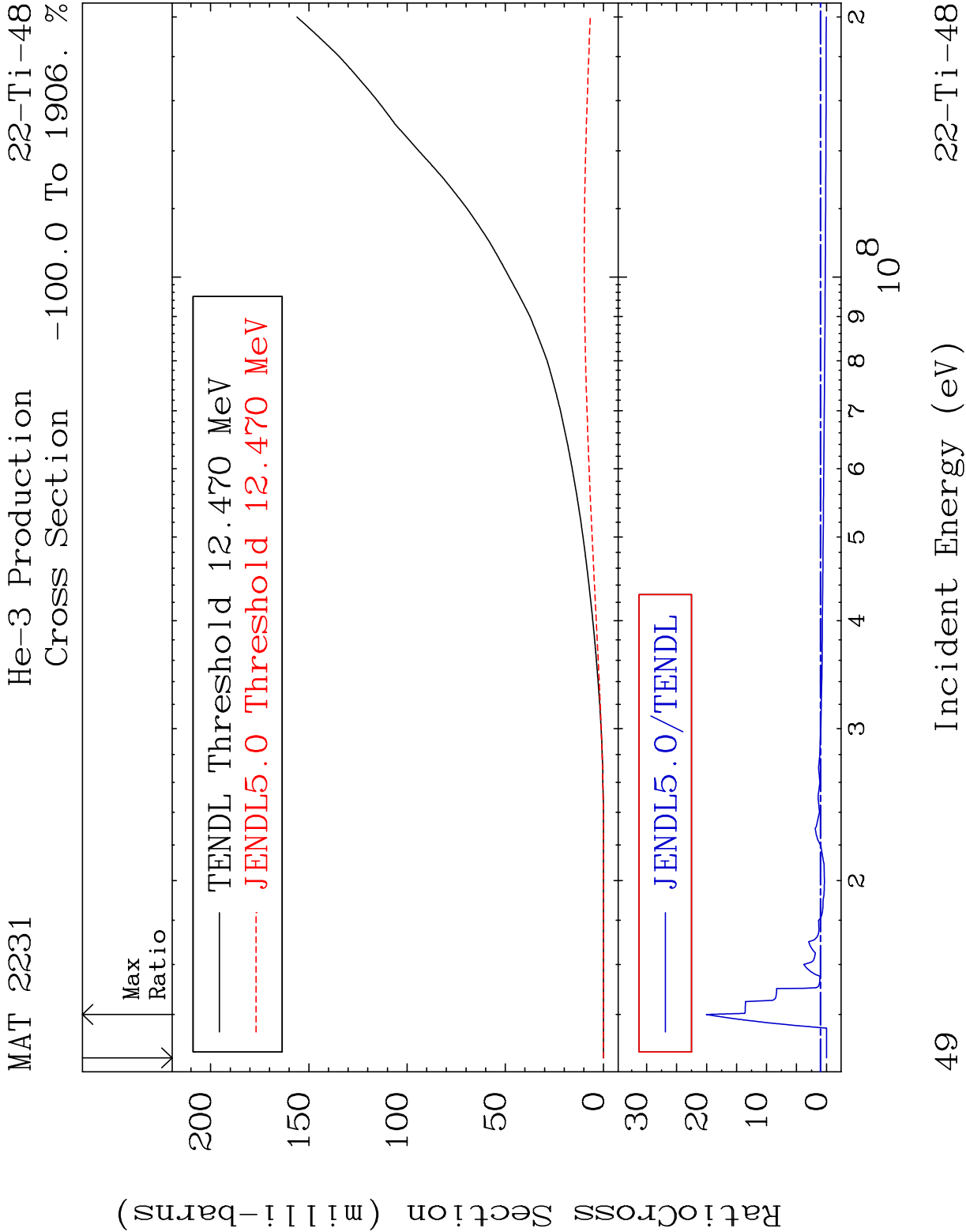


MAT 2231 Hydrogen Production ²²Ti-48
Cross Section -100.0 To 142.1 %

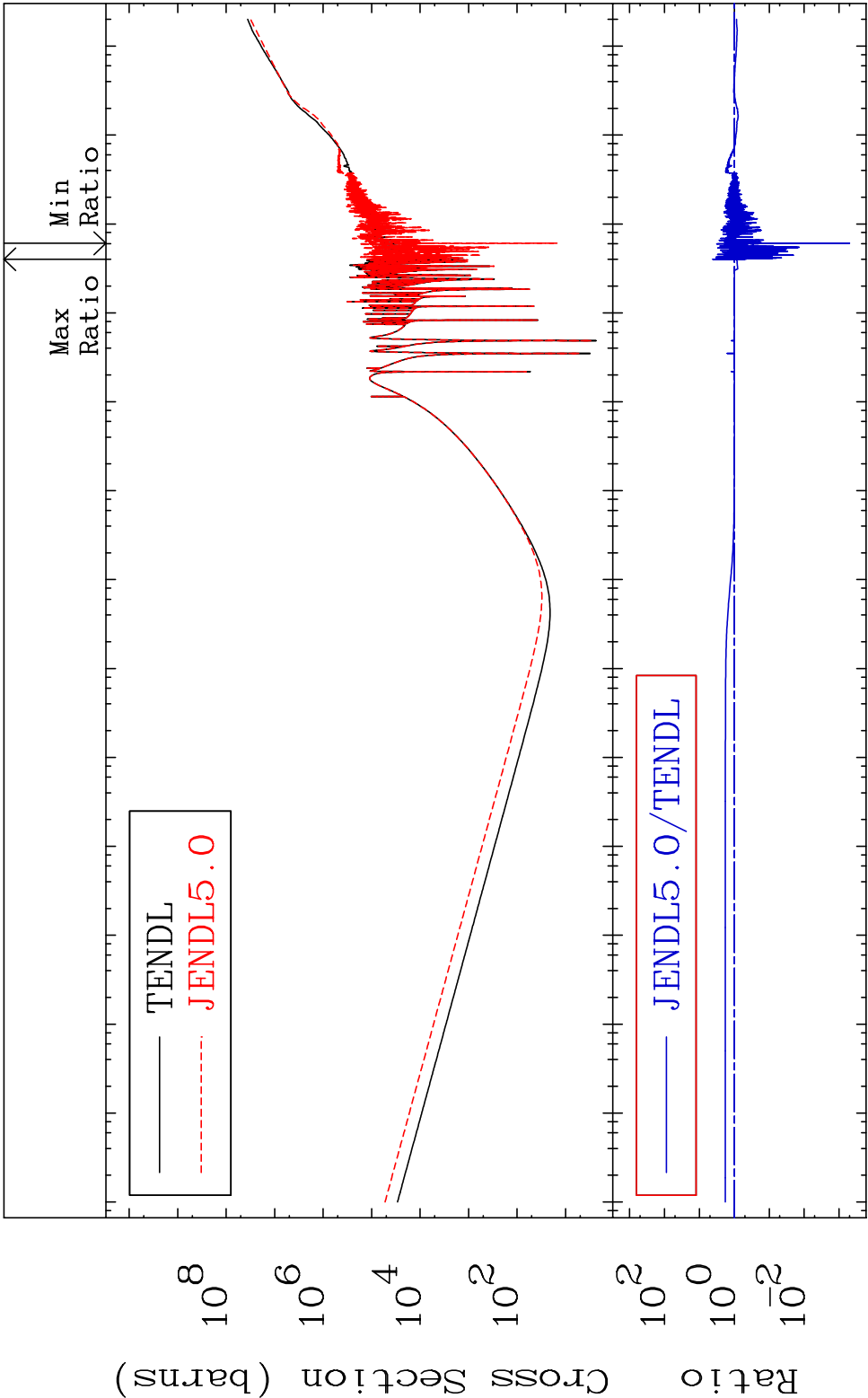






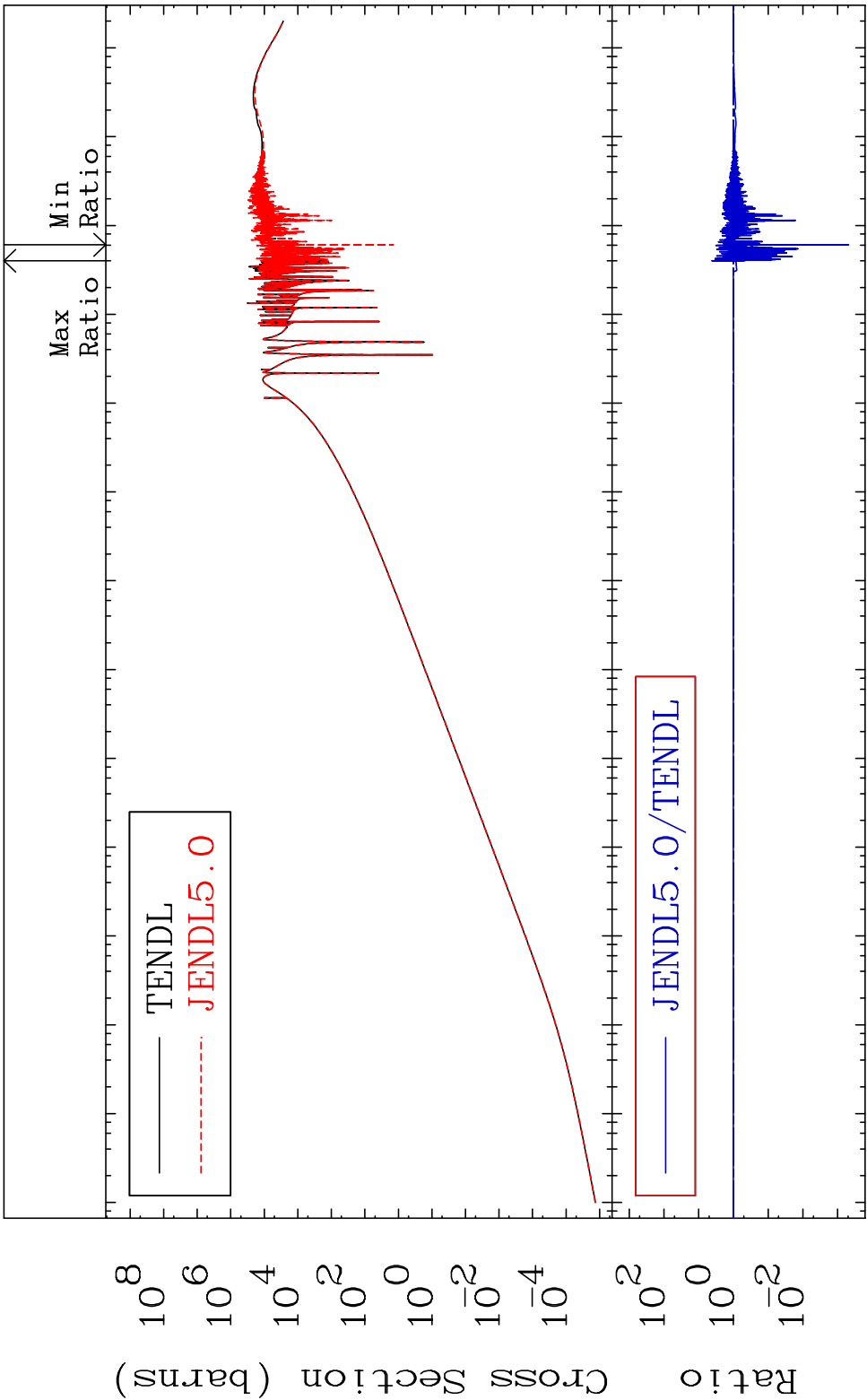


MAT 2231 Kerma total (eV-barns) 22-Ti-48
Cross Section -99.95 To 313.8 %



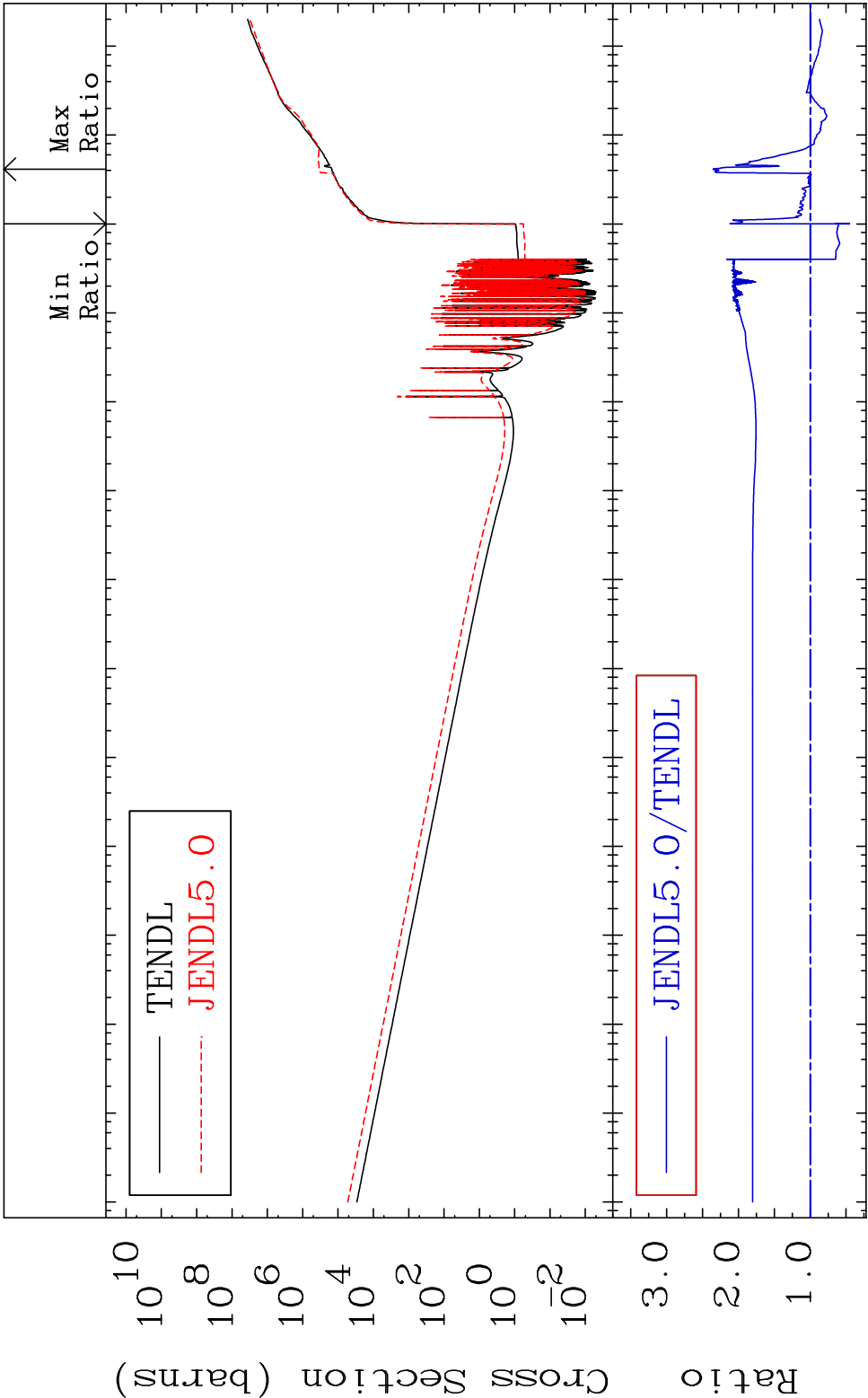
51 Incident Energy (eV) 22-Ti-48

MAT 2231	Kerma elastic	22-Ti-48
	Cross Section	-99.95 To 313.8 %



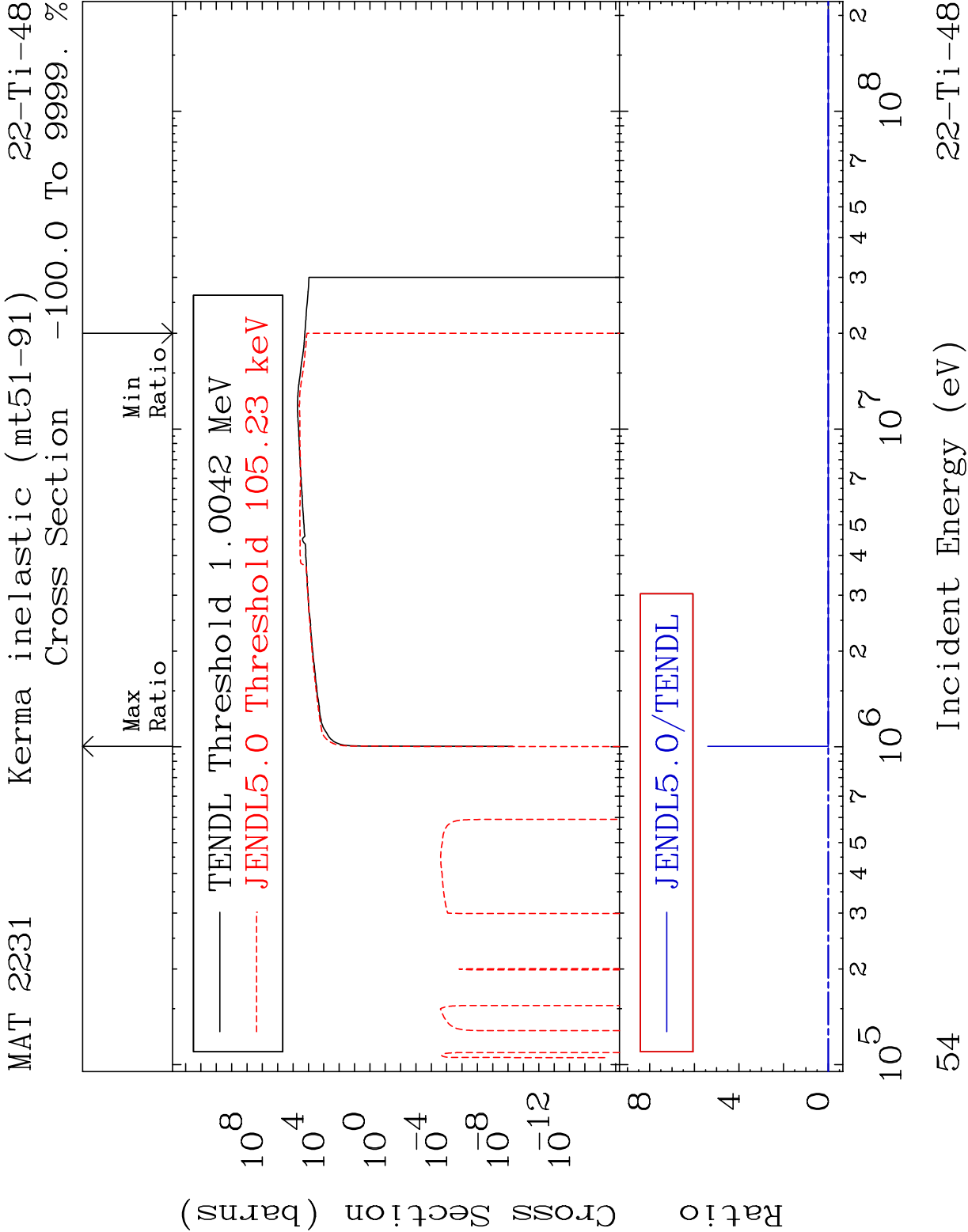
52	Incident Energy (eV)	22-Ti-48
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MAT 2231	Kerma non-elastic (all but mt2)	22-Ti-48
	Cross Section	-54.77 To 135.7 %



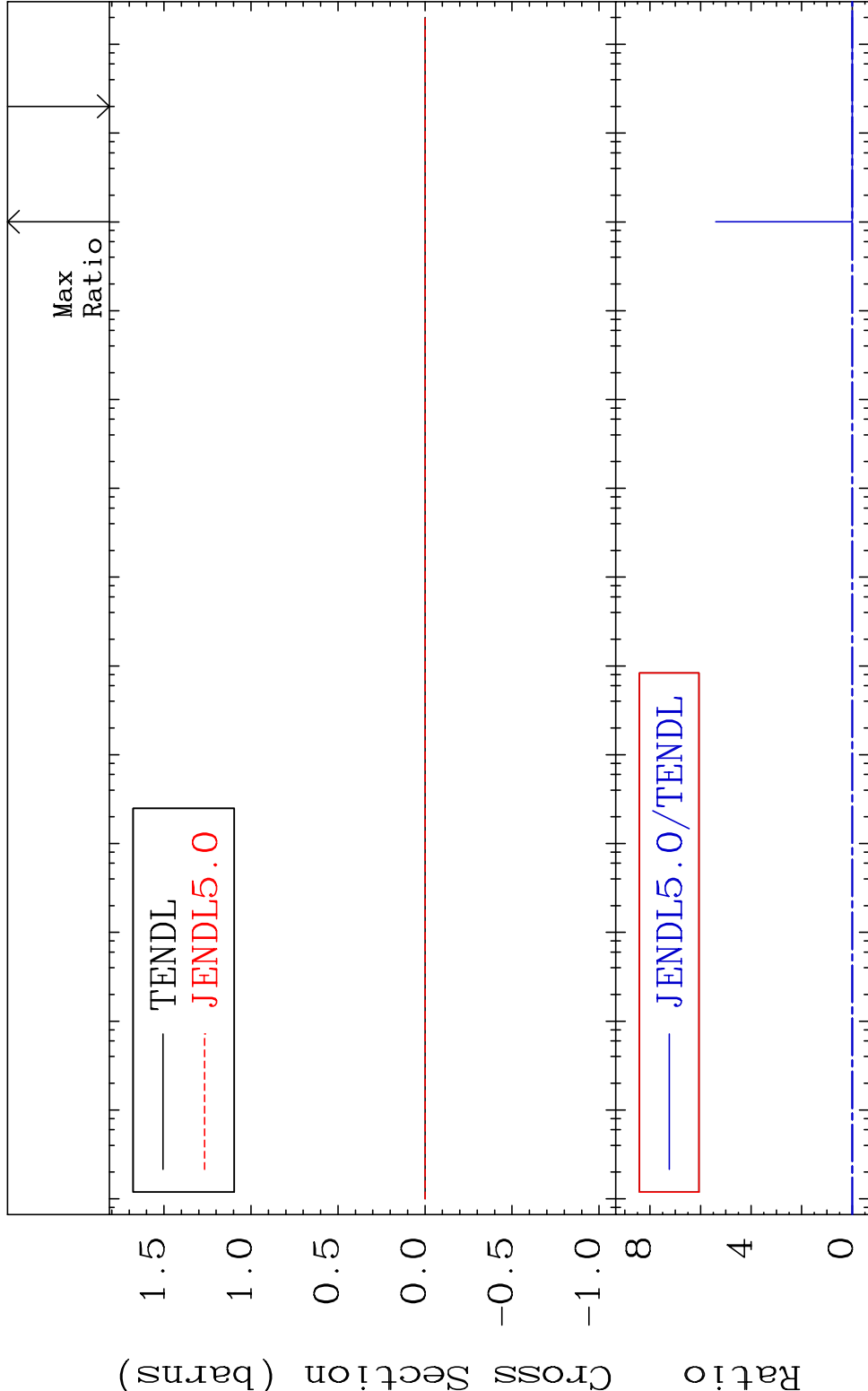
10 ⁻⁵	10 ⁻⁴	10 ⁻³	10 ⁻²	10 ⁻¹	10 ⁰	10 ¹	10 ²	10 ³	10 ⁴	10 ⁵	10 ⁶	10 ⁷	10 ⁸
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53	Incident Energy (eV)	22-Ti-48
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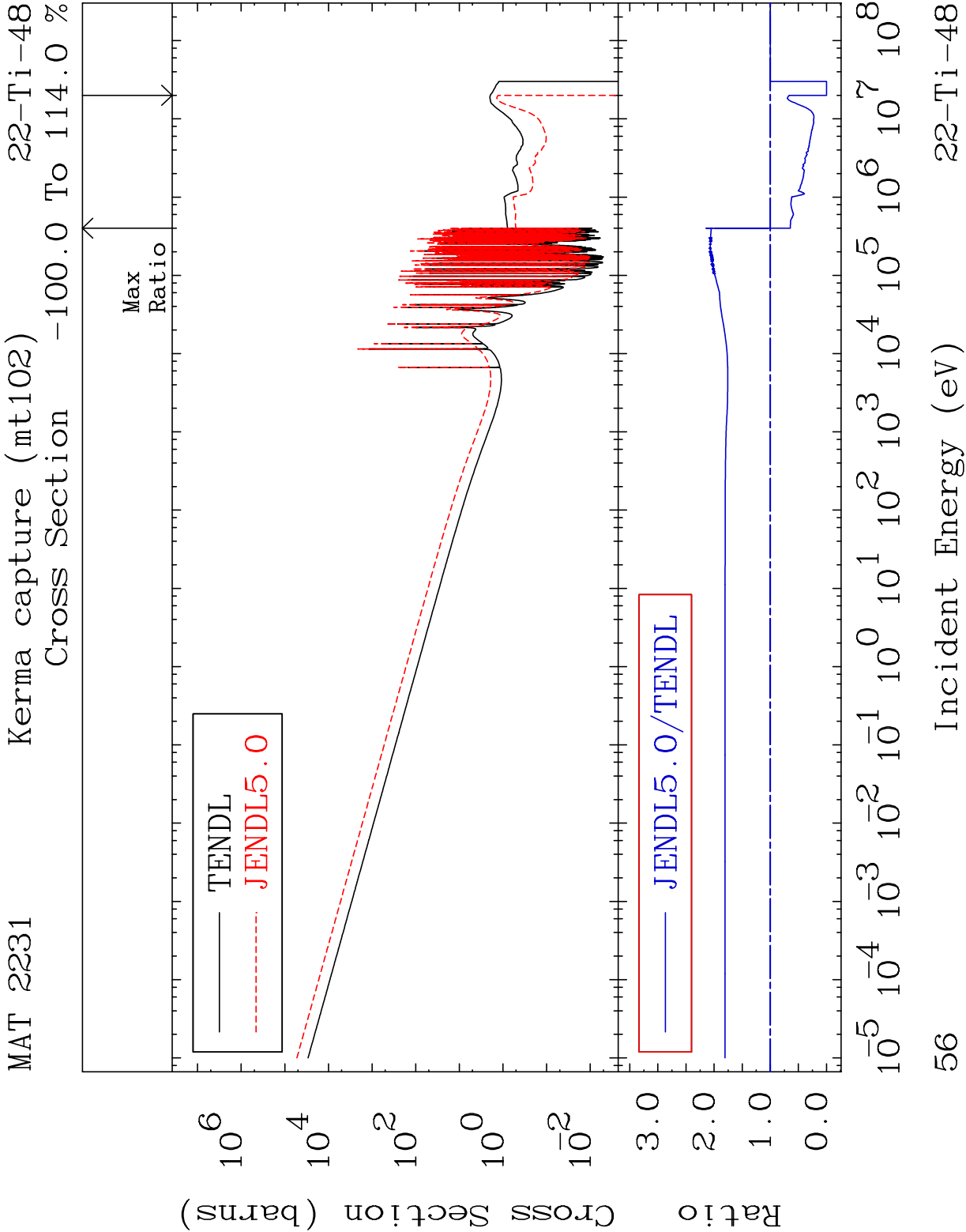


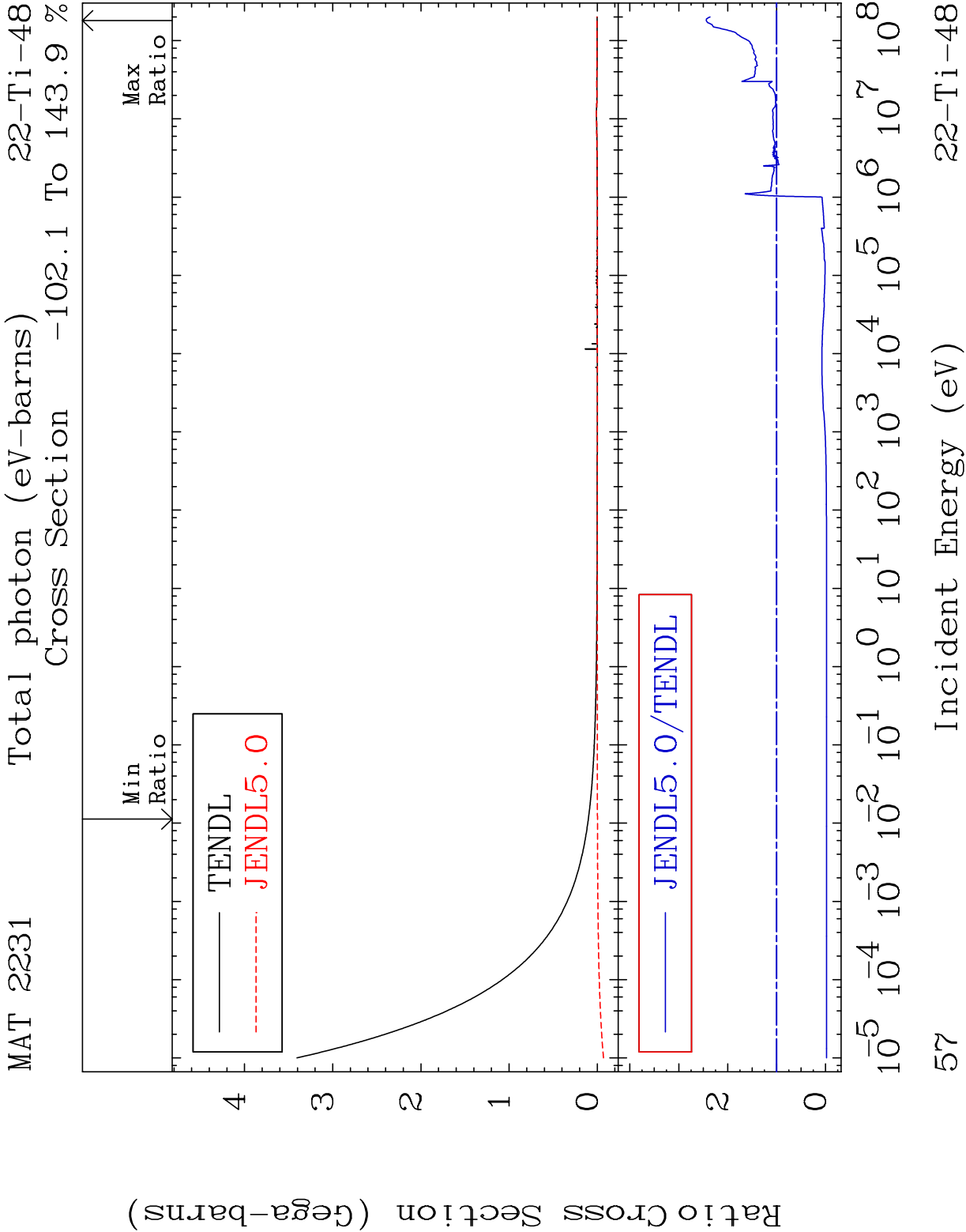
MAT 2231 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-48

Cross Section -100.0 To 9999. %

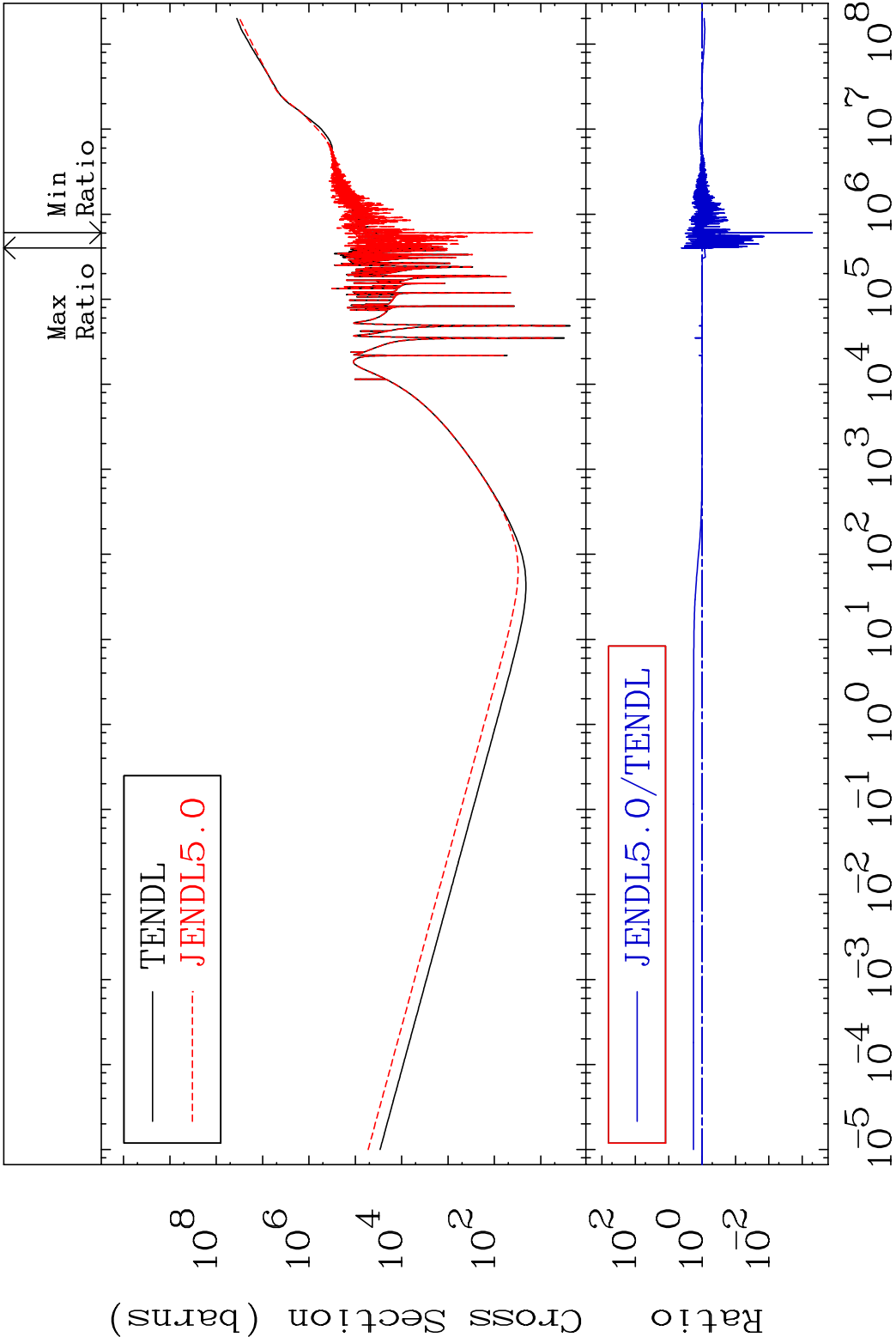


55 Incident Energy (eV) 22-Ti-48

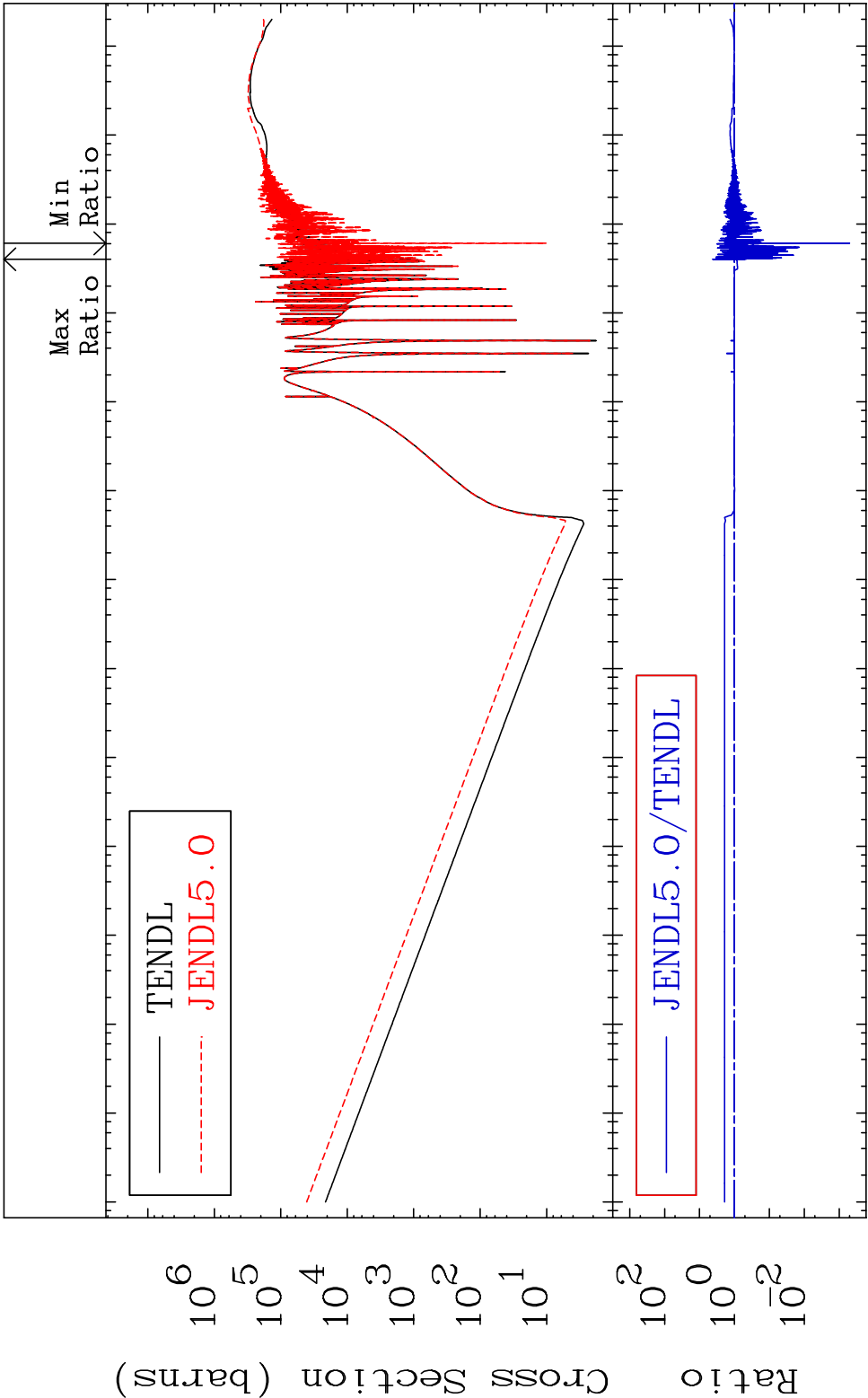




MAT 2231 Total kinematic kerma (high limit) 22-Ti-48
Cross Section -99.95 To 313.8 %

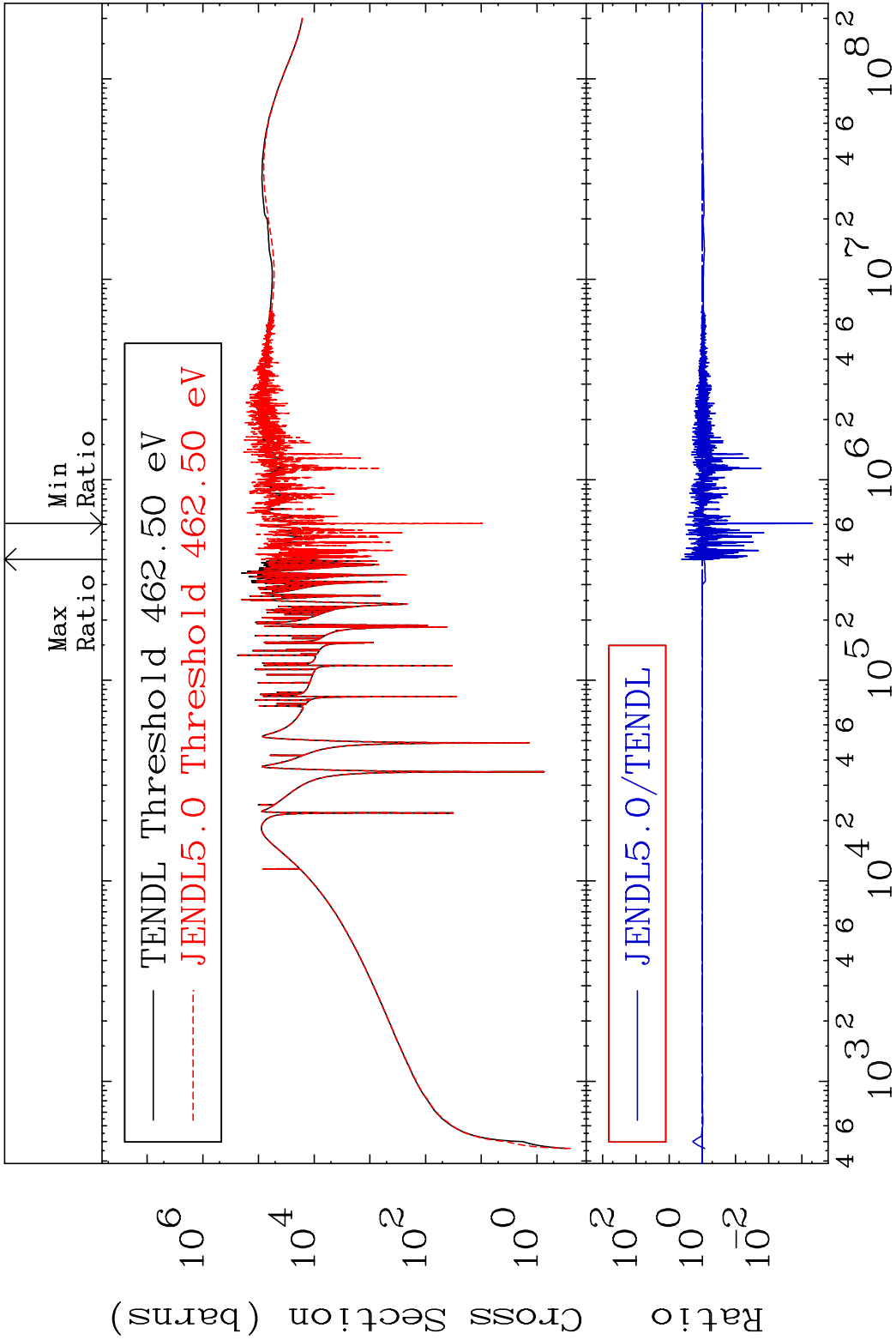


MAT 2231 Dpa total (eV-barns) 22-Ti-48
Cross Section -99.95 To 316.3 %



59 Incident Energy (eV) 22-Ti-48

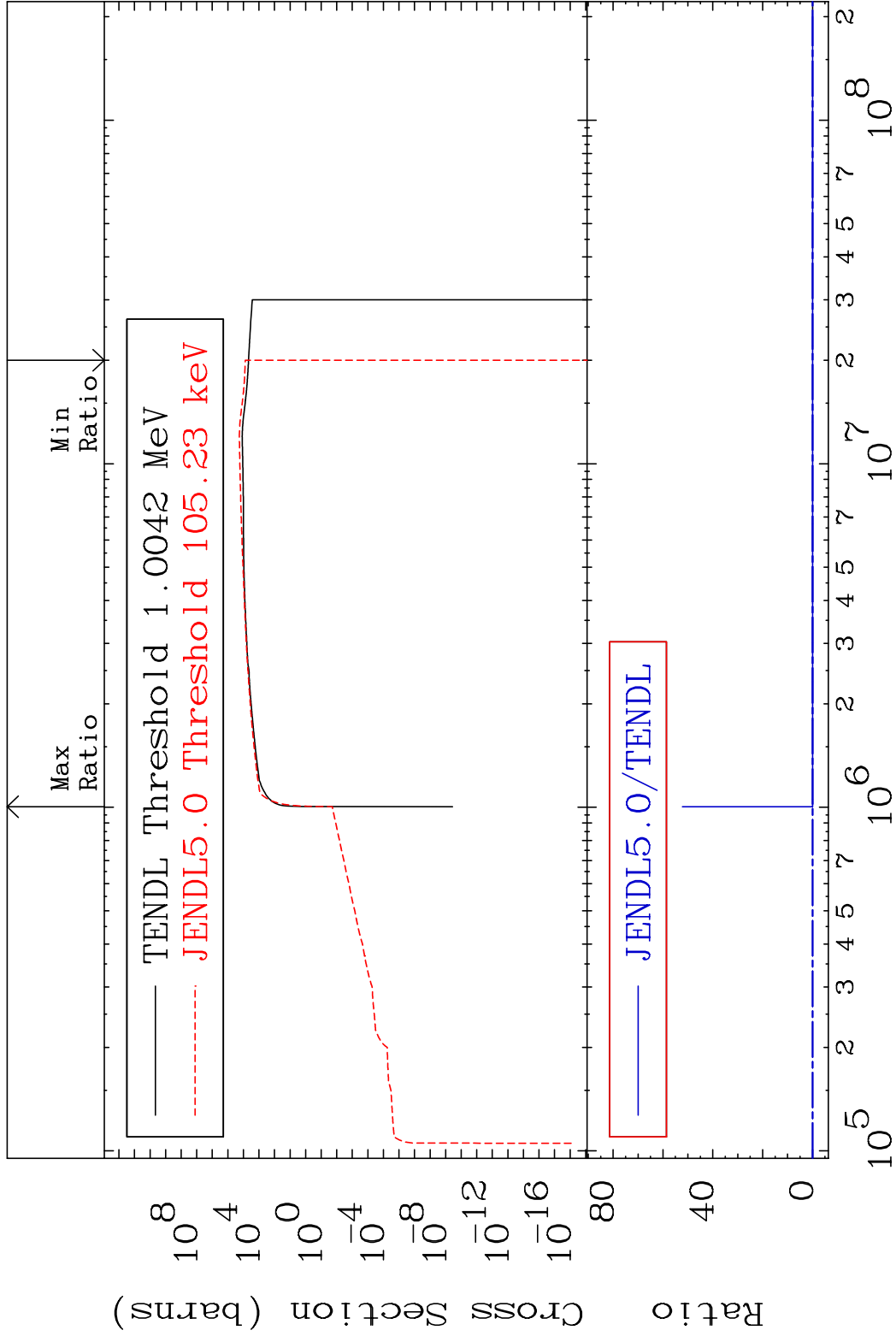
MAT 2231 Dpa elastic (mt2) 22-Ti-48
Cross Section -99.95 To 316.3 %



60 Incident Energy (eV) 22-Ti-48

MAT 2231 Dpa inelastic (mt51-91) 22-Ti-48

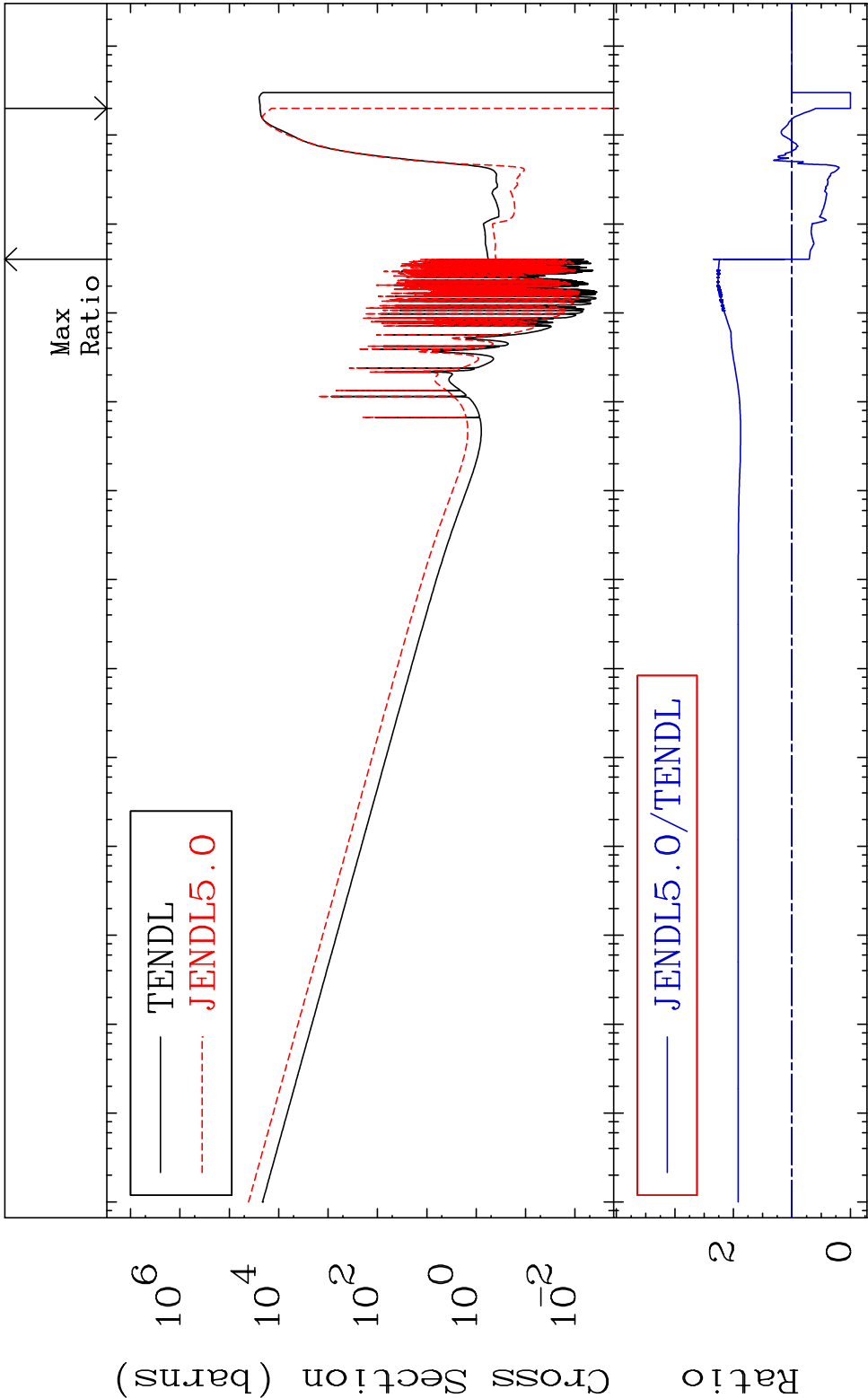
Cross Section -100.0 To 9999. %



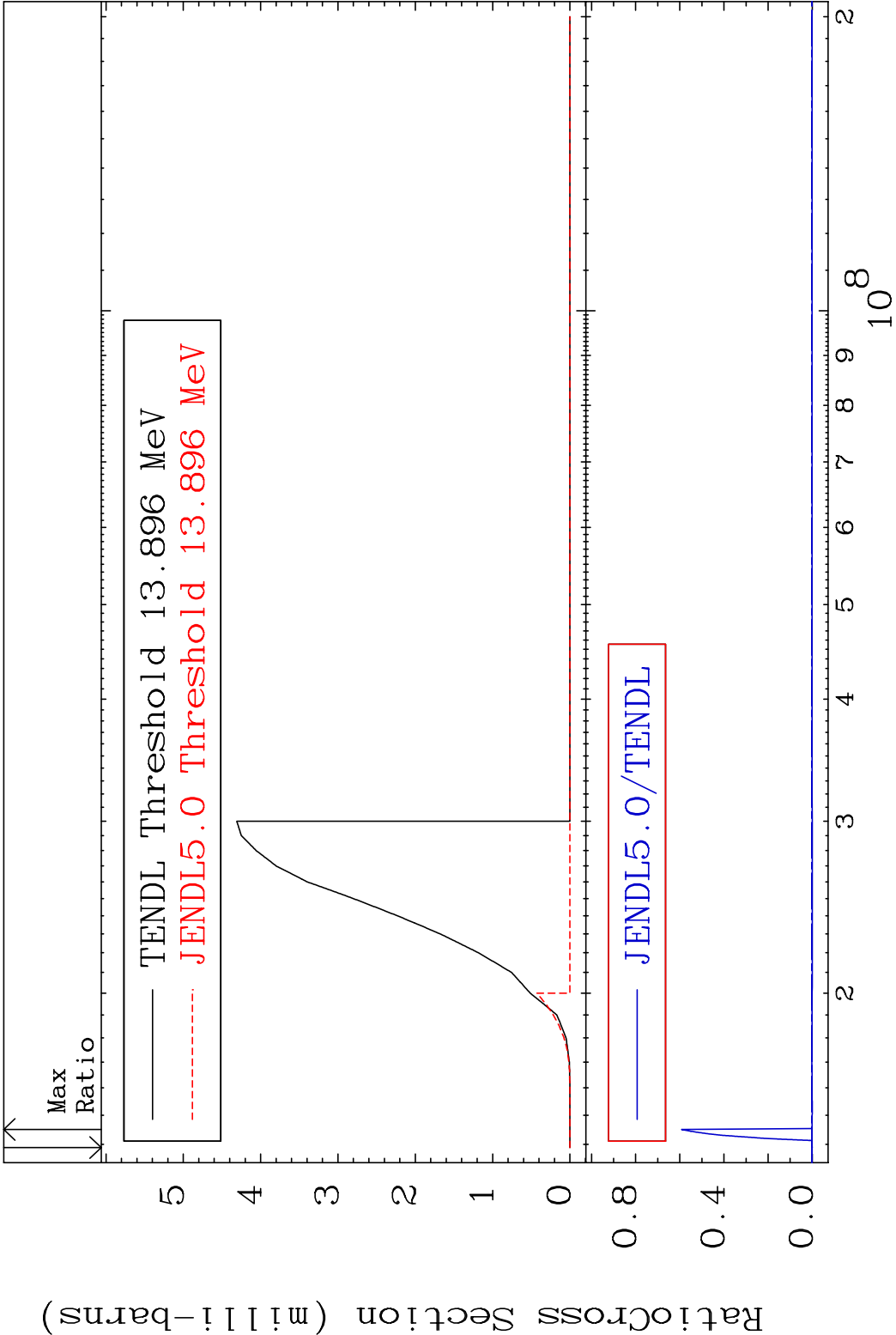
61 Incident Energy (eV) 22-Ti-48

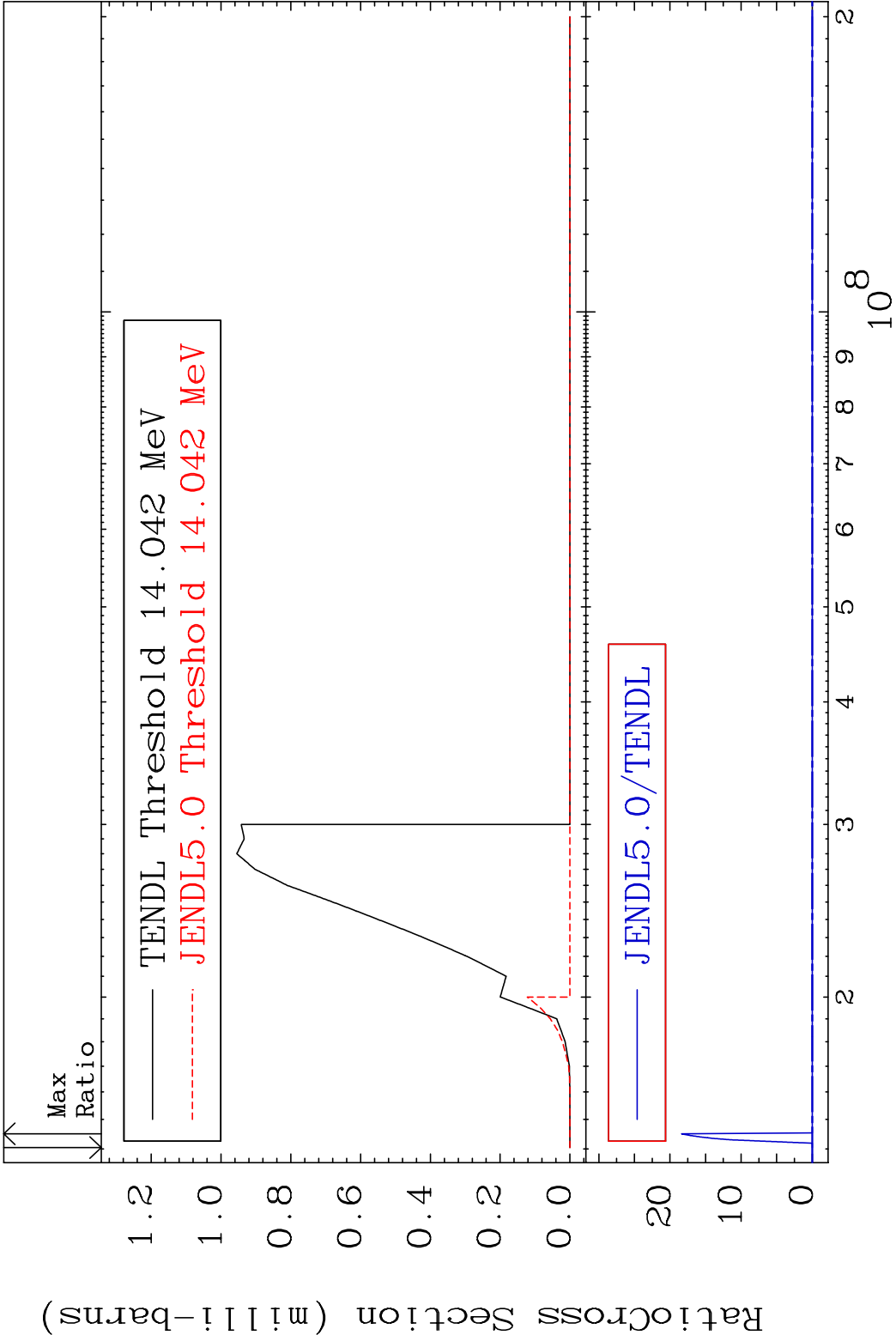
MAT 2231 Dpa disappearance (mt102 -120) 22-Ti-48

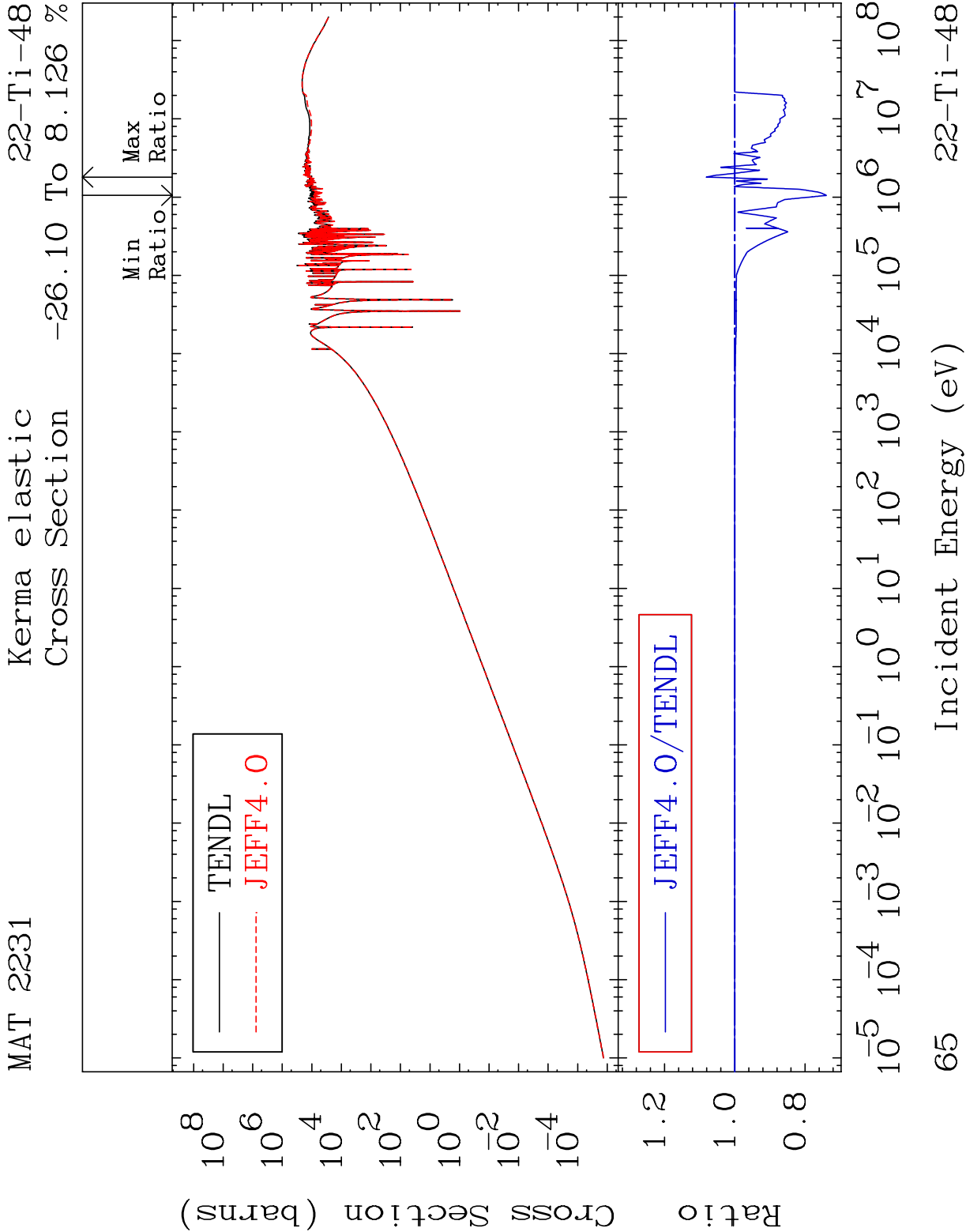
Cross Section -100.0 To 133.7 %



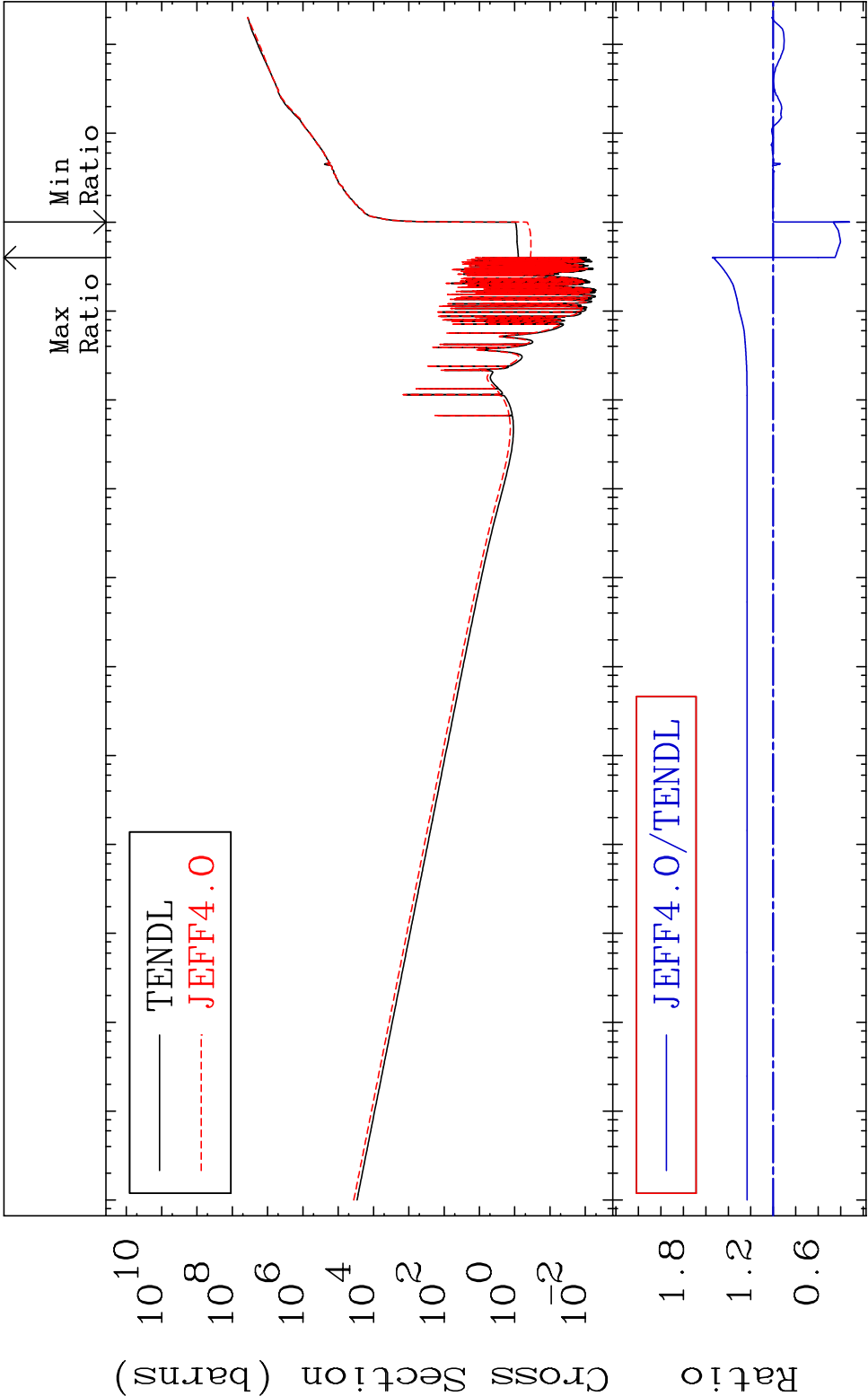
62 Incident Energy (eV) 22-Ti-48





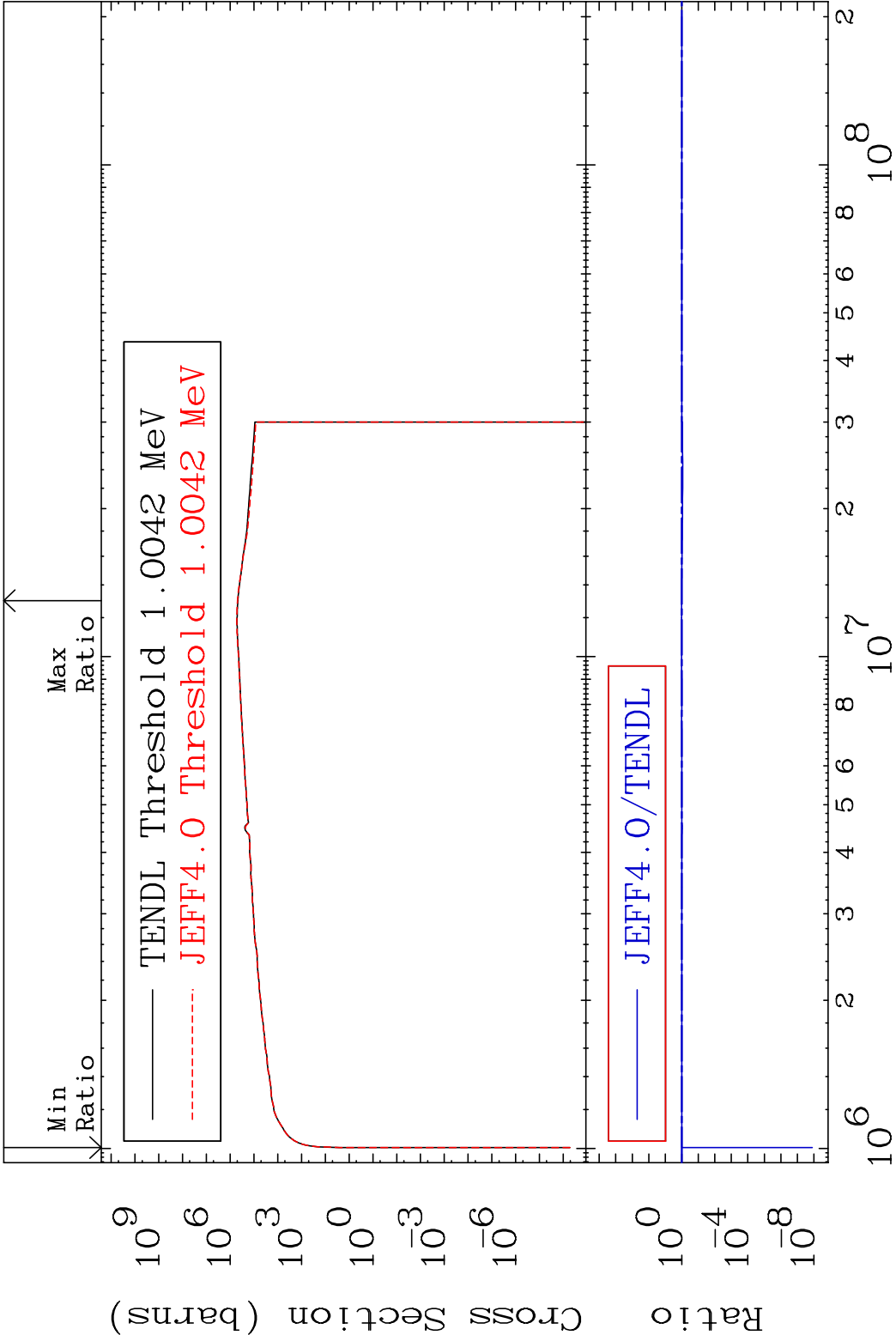


MAT 2231 Kerma non-elastic (all but mt2) 22-Ti-48
Cross Section -67.87 To 53.80 %



66 Incident Energy (eV) 22-Ti-48

MAT 2231 Kerma inelastic (mt51-91) 22-Ti-48
Cross Section -100.0 To 3.549 %

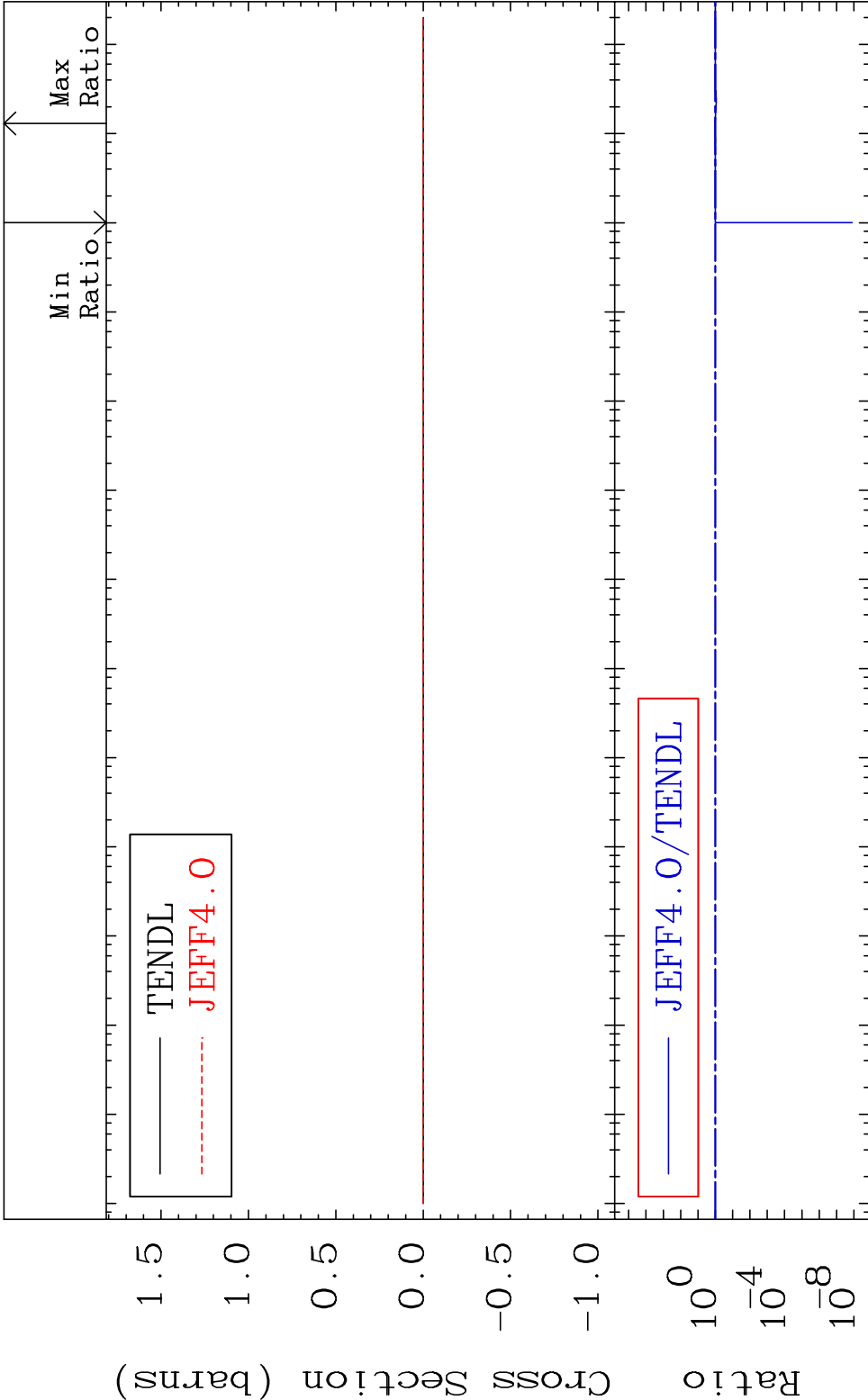


67

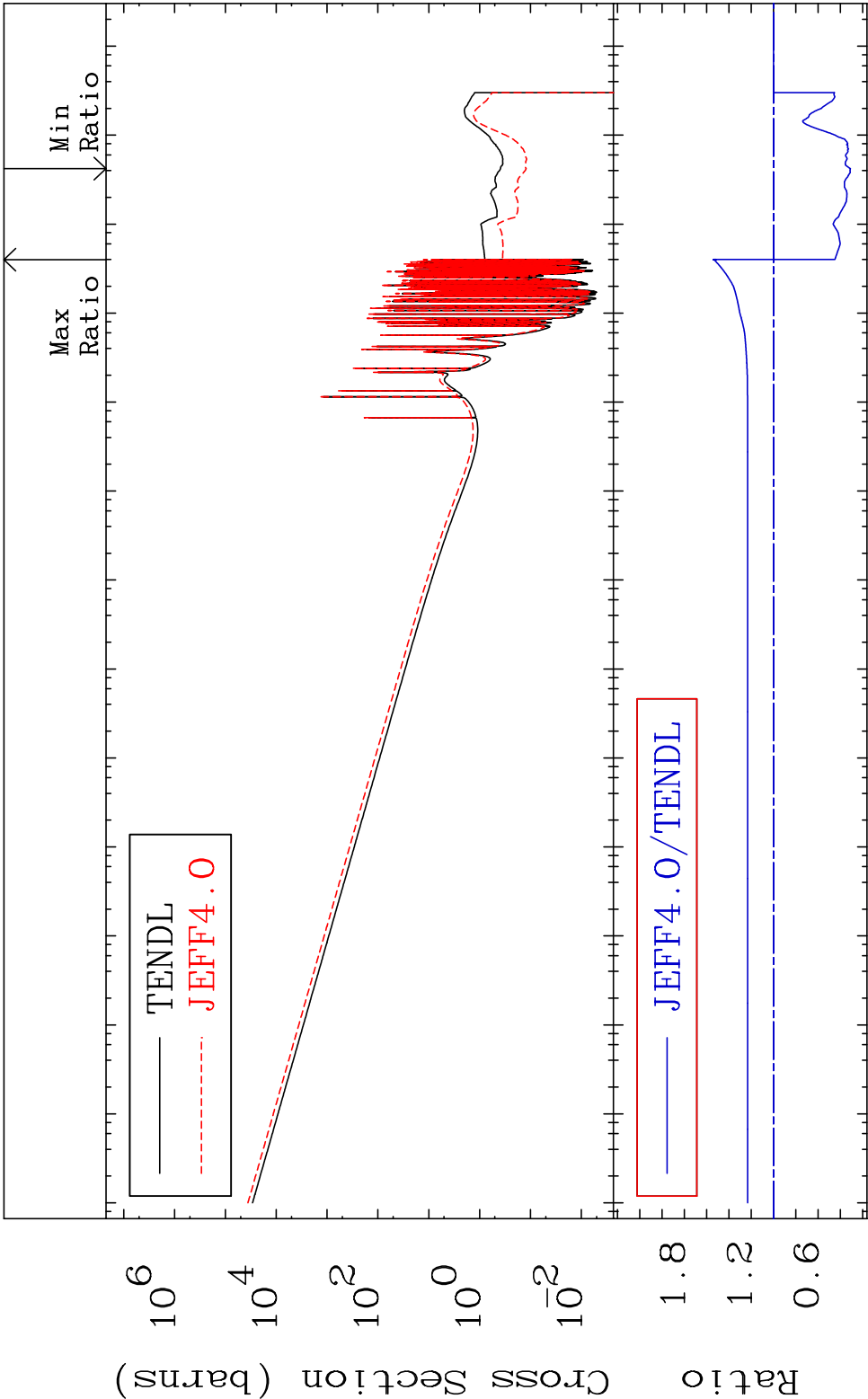
Incident Energy (eV)

22-Ti-48

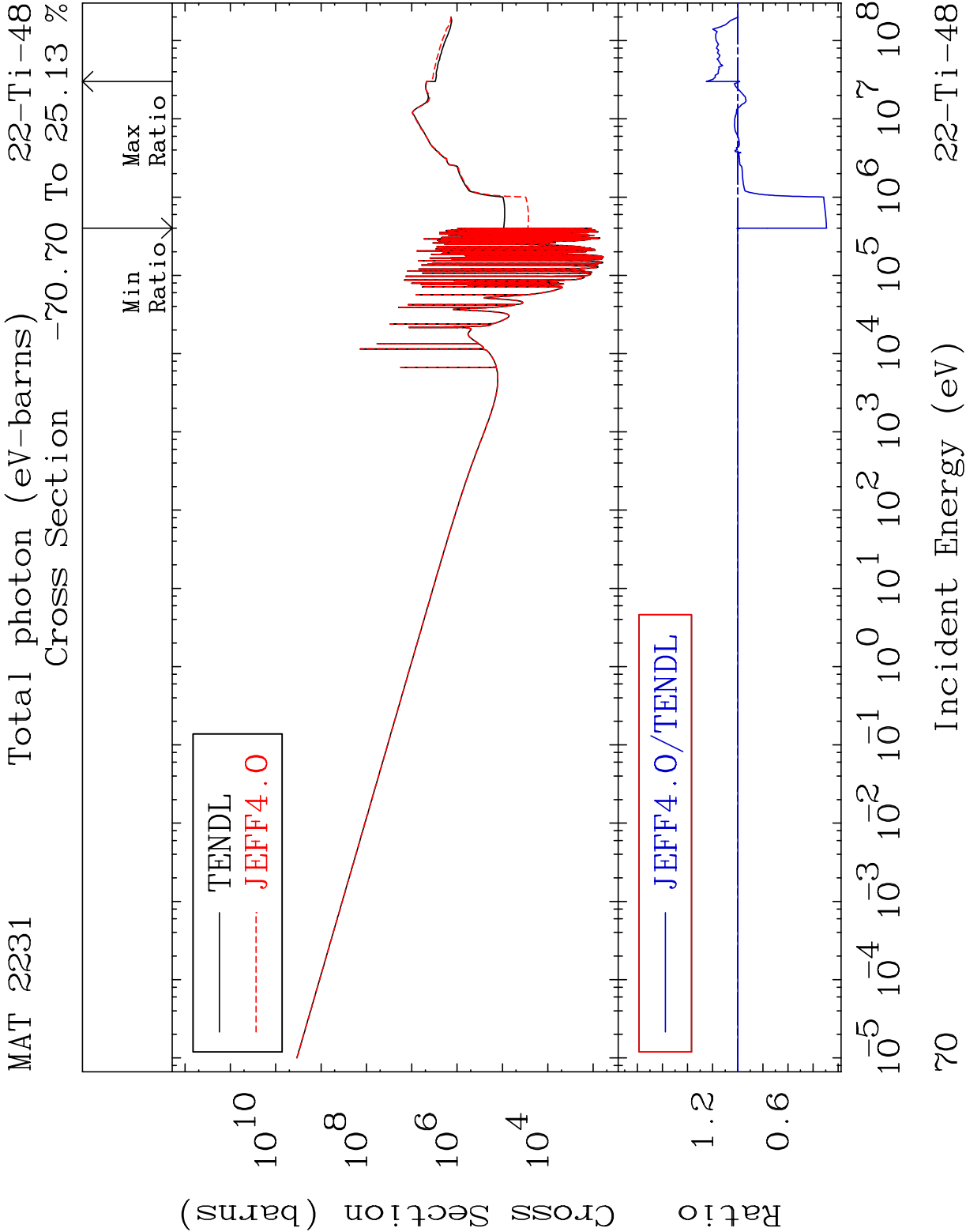
MAT 2231 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-48
Cross Section -100.0 To 3.549 %



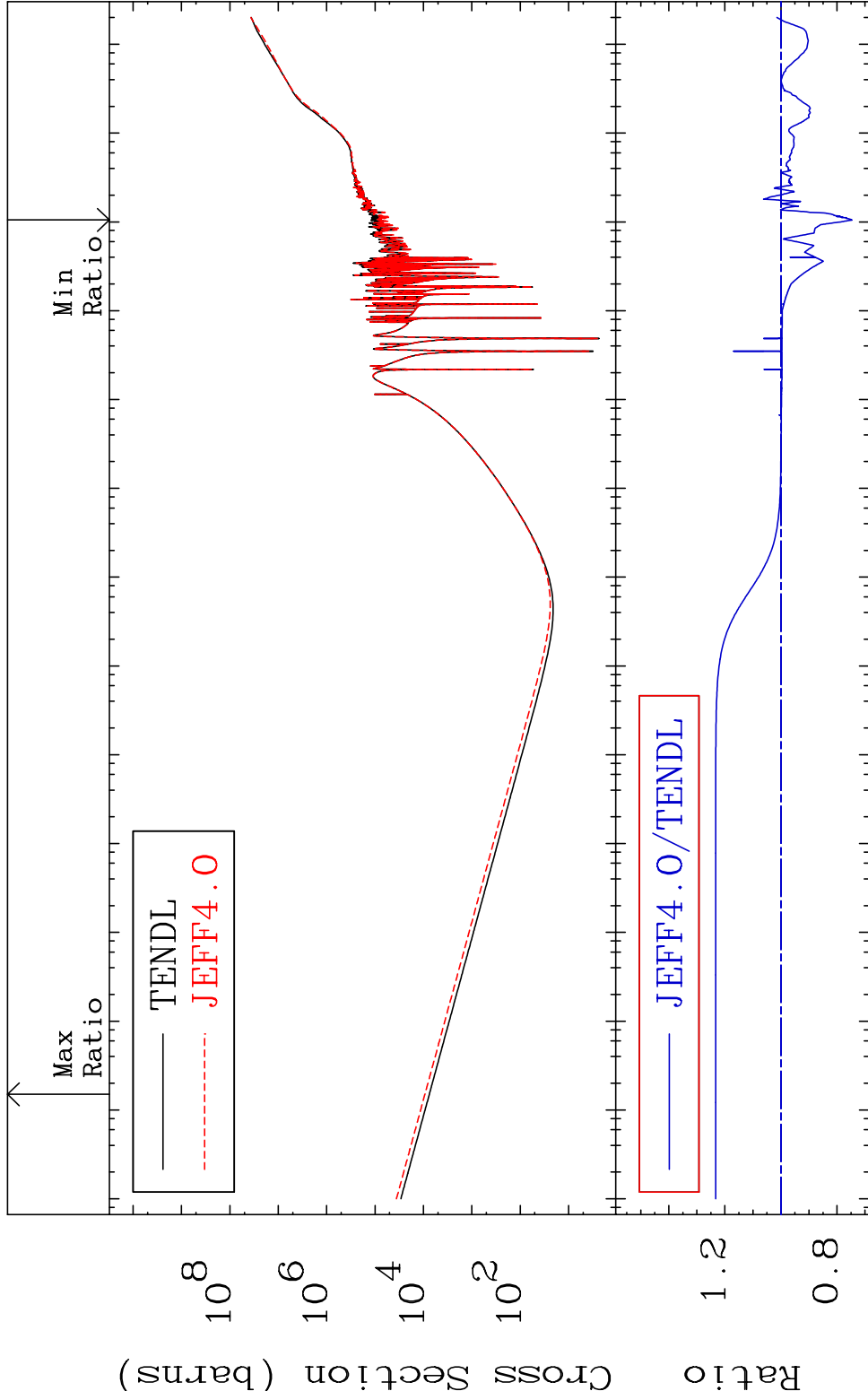
MAT 2231 Kerma capture (mt102) 22-Ti-48
Cross Section -68.98 To 53.80 %



69 Incident Energy (eV) 22-Ti-48



MAT 2231 Total kinematic kerma (high limit) 22-Ti-48
Cross Section -25.43 To 23.29 %



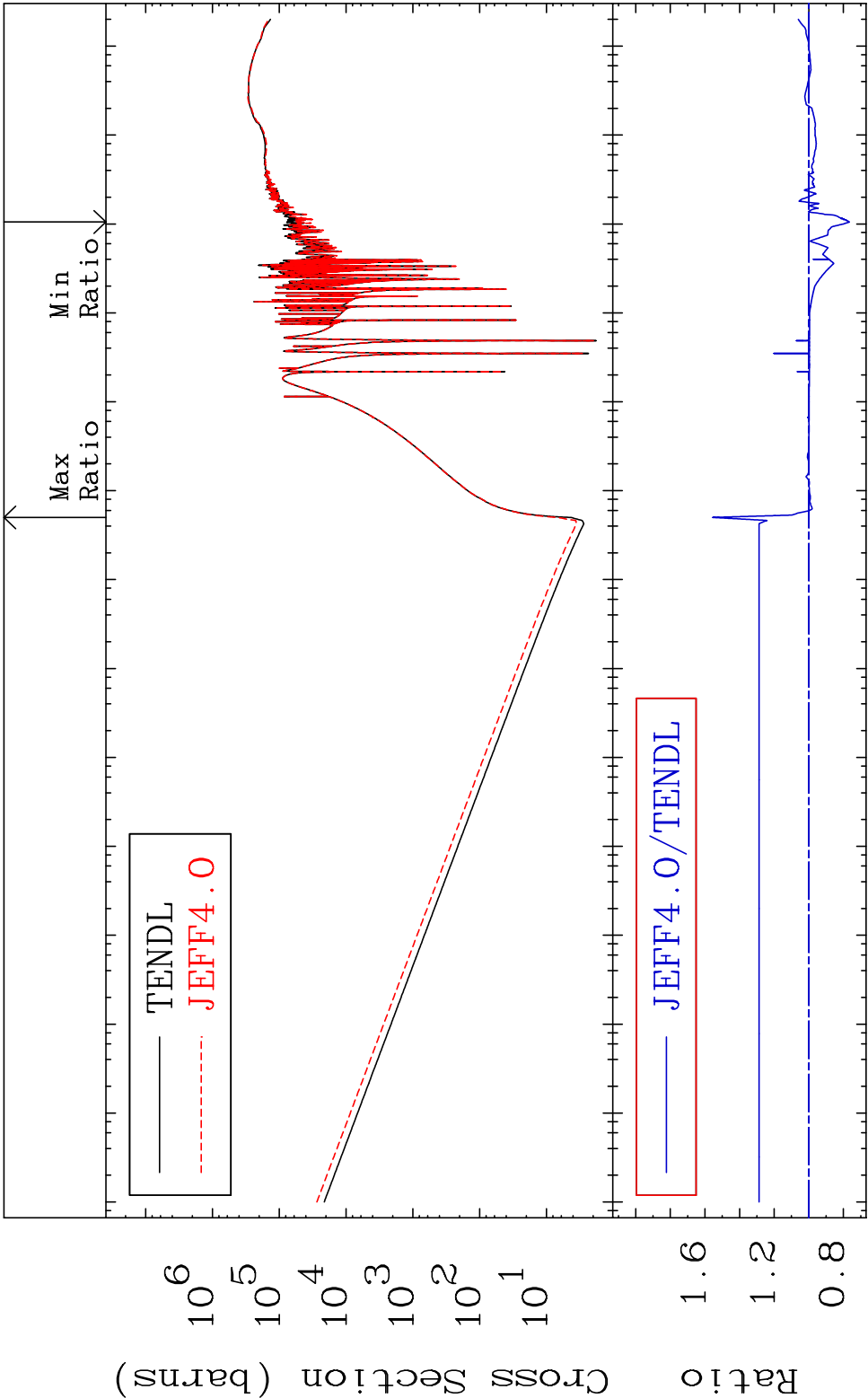
MAT 2231

Dpa total (eV-barns)

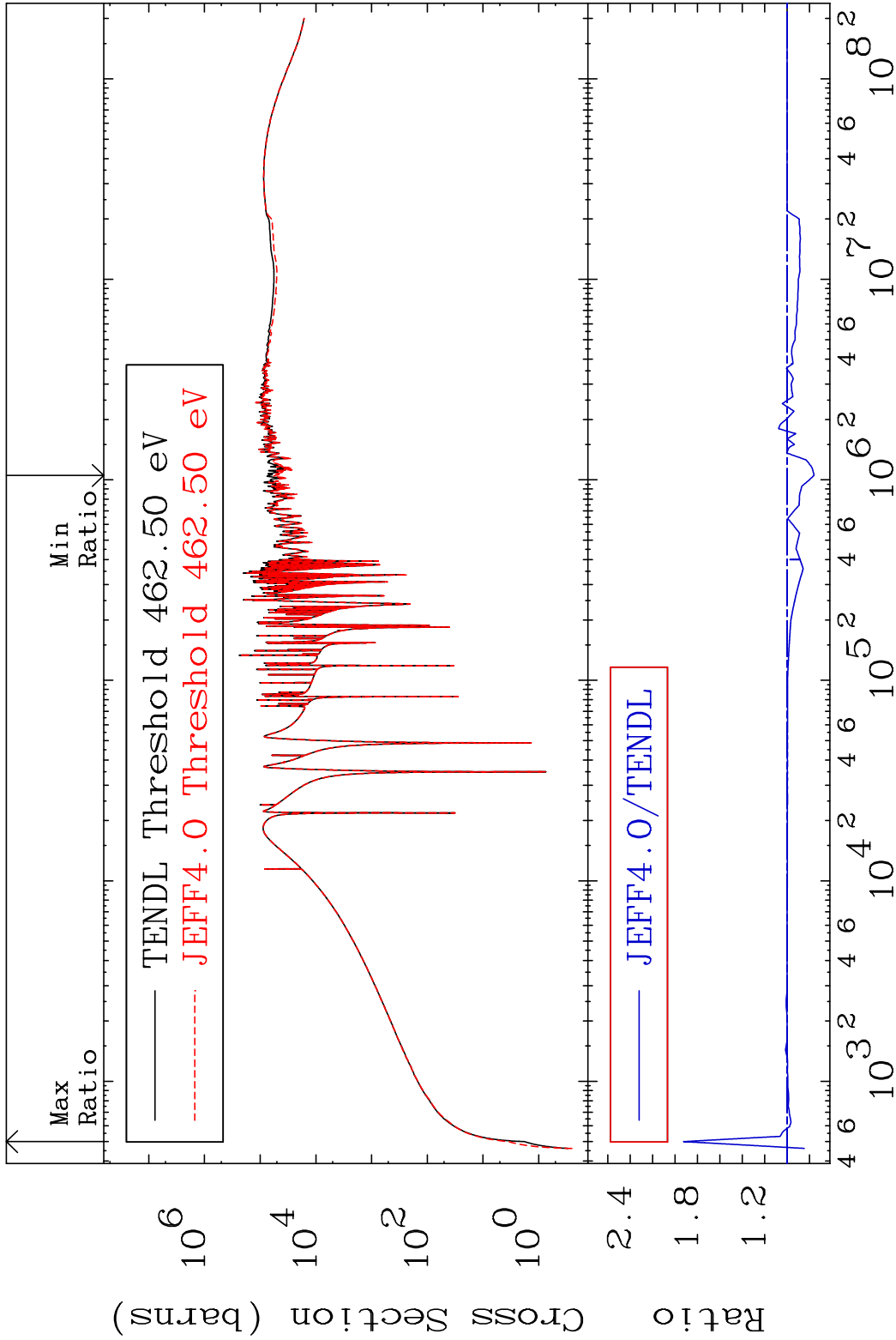
22-Ti-48

Cross Section

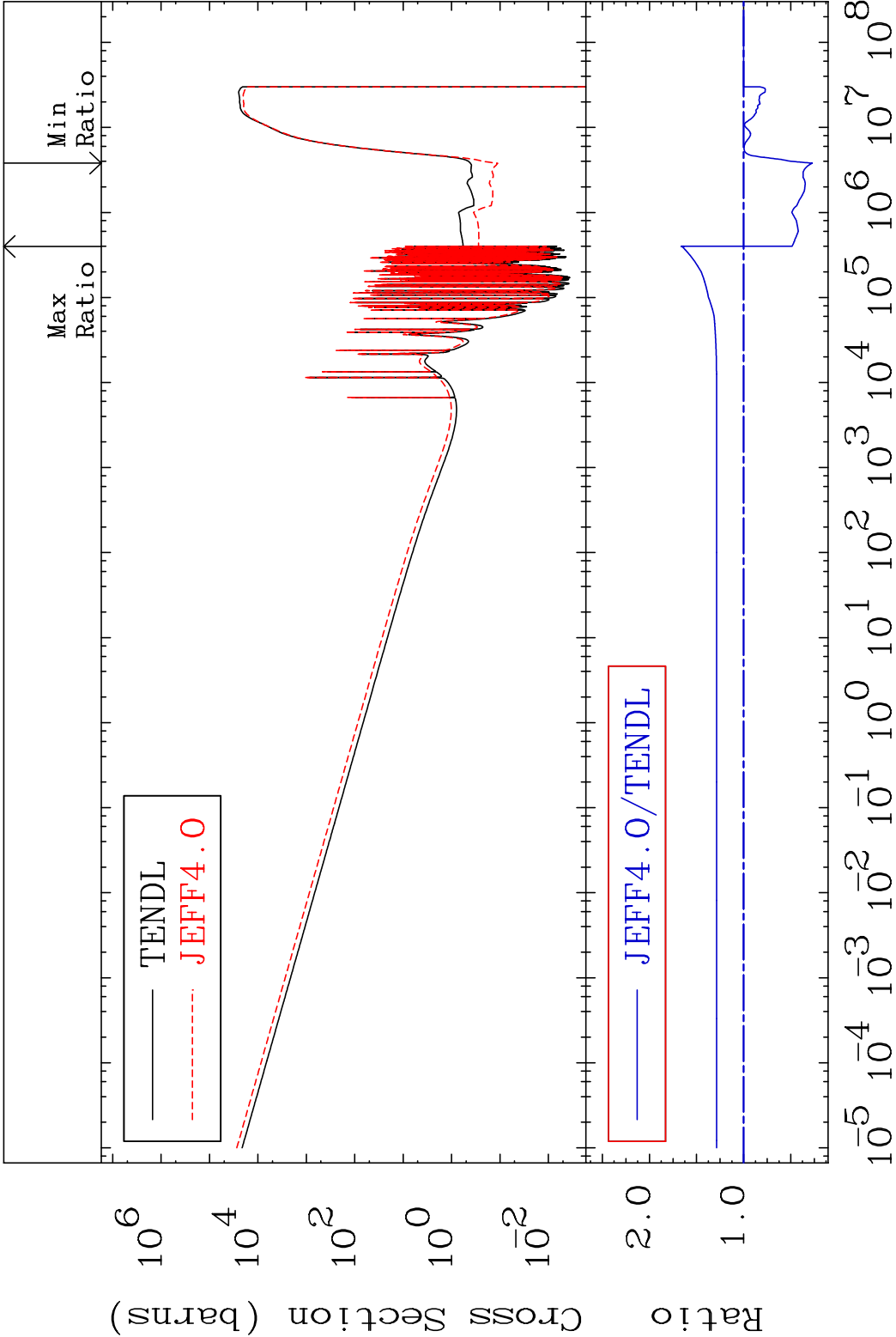
-23.52 To 55.45 %



MAT 2231	Dpa elastic (mt2)	22-Ti-48
	Cross Section	-24.14 To 92.49 %



MAT 2231 Dpa disappearance (mt102 -120) 22-Ti-48
Cross Section -72.79 To 65.93 %



75 Incident Energy (eV) 22-Ti-48

