

Program Complot
(Version 2021-1)

by

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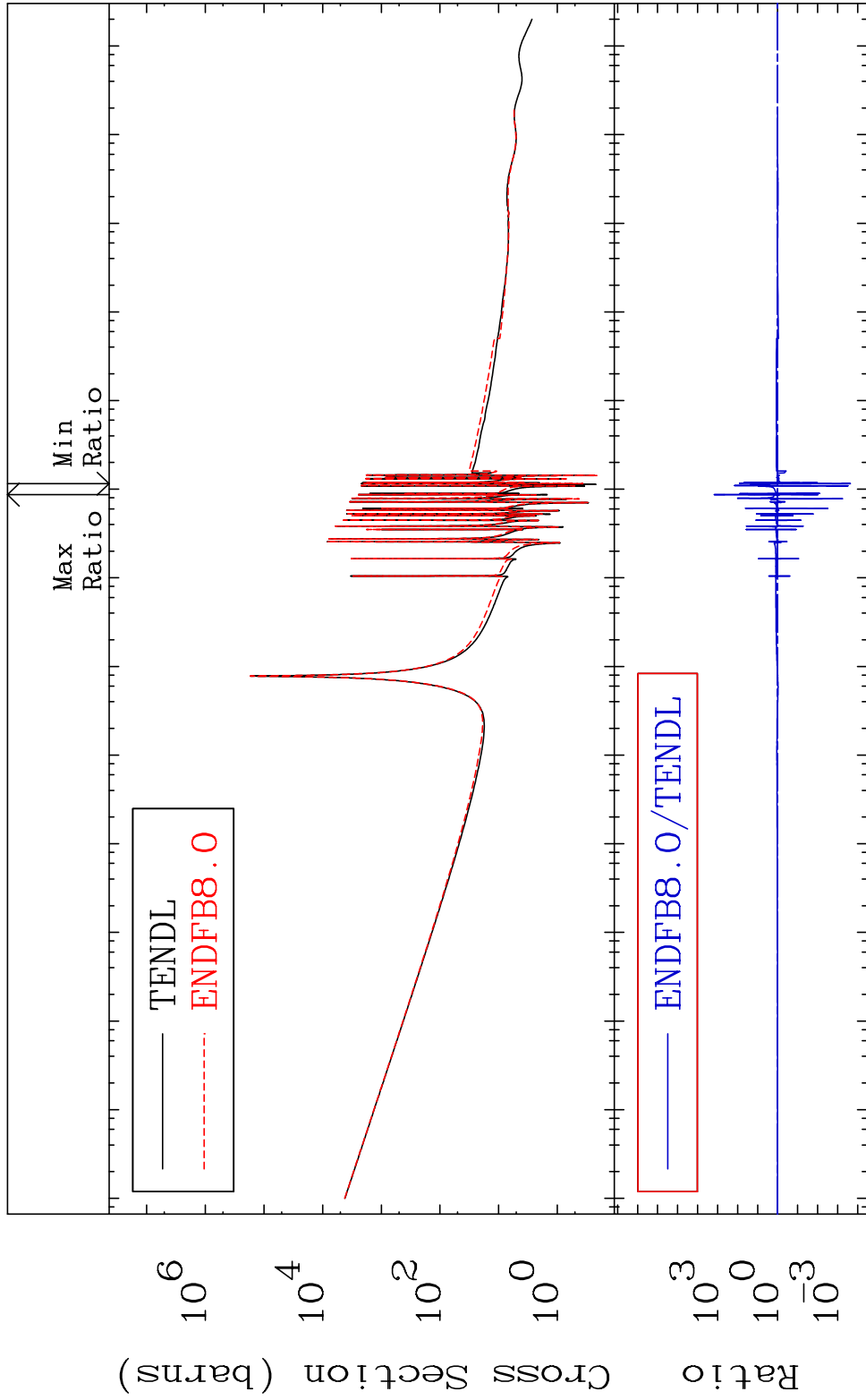
Press Mouse Button to Start

MAT 7237

Total

72-Hf-178

Cross Section -99.98 To 9999. %

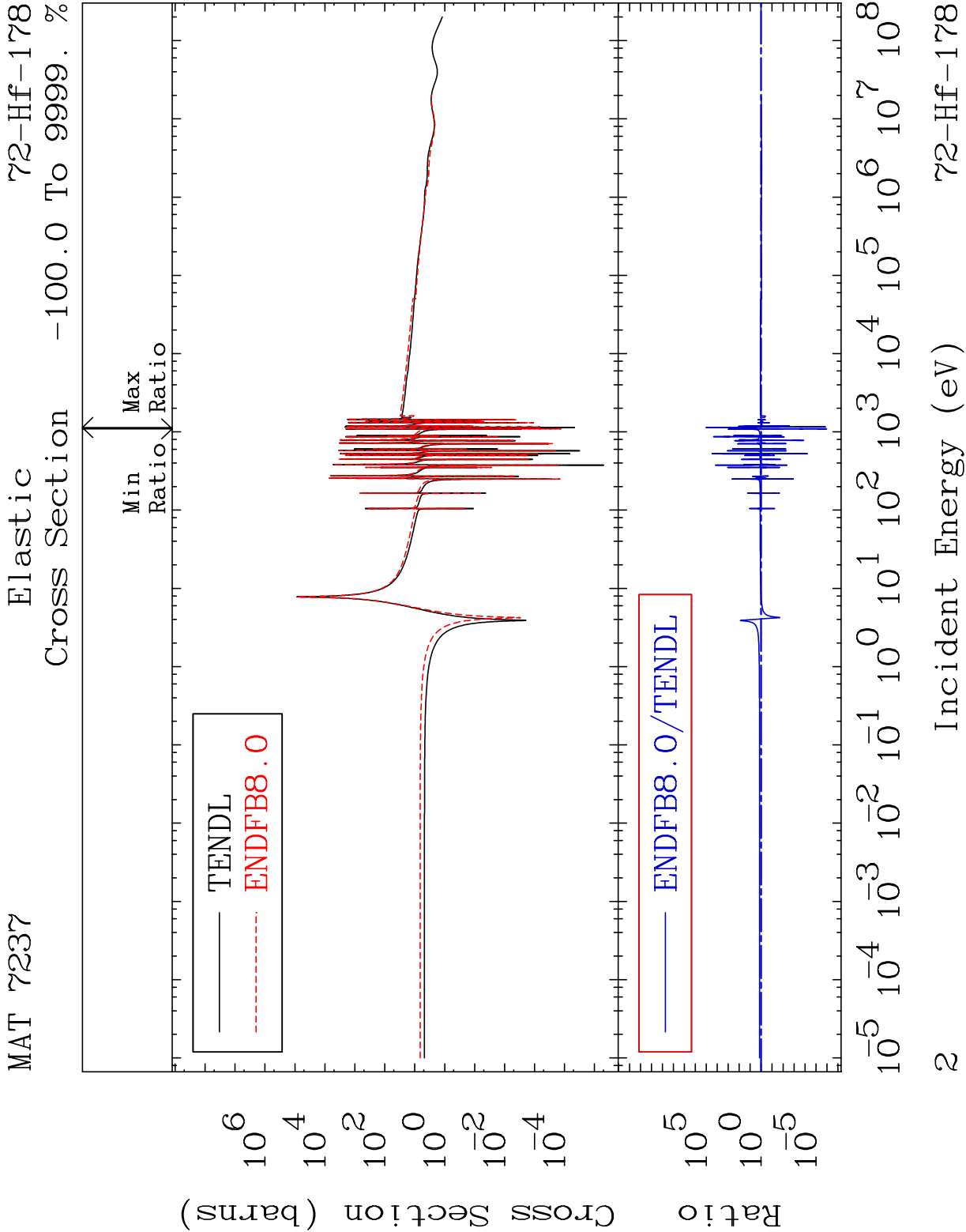


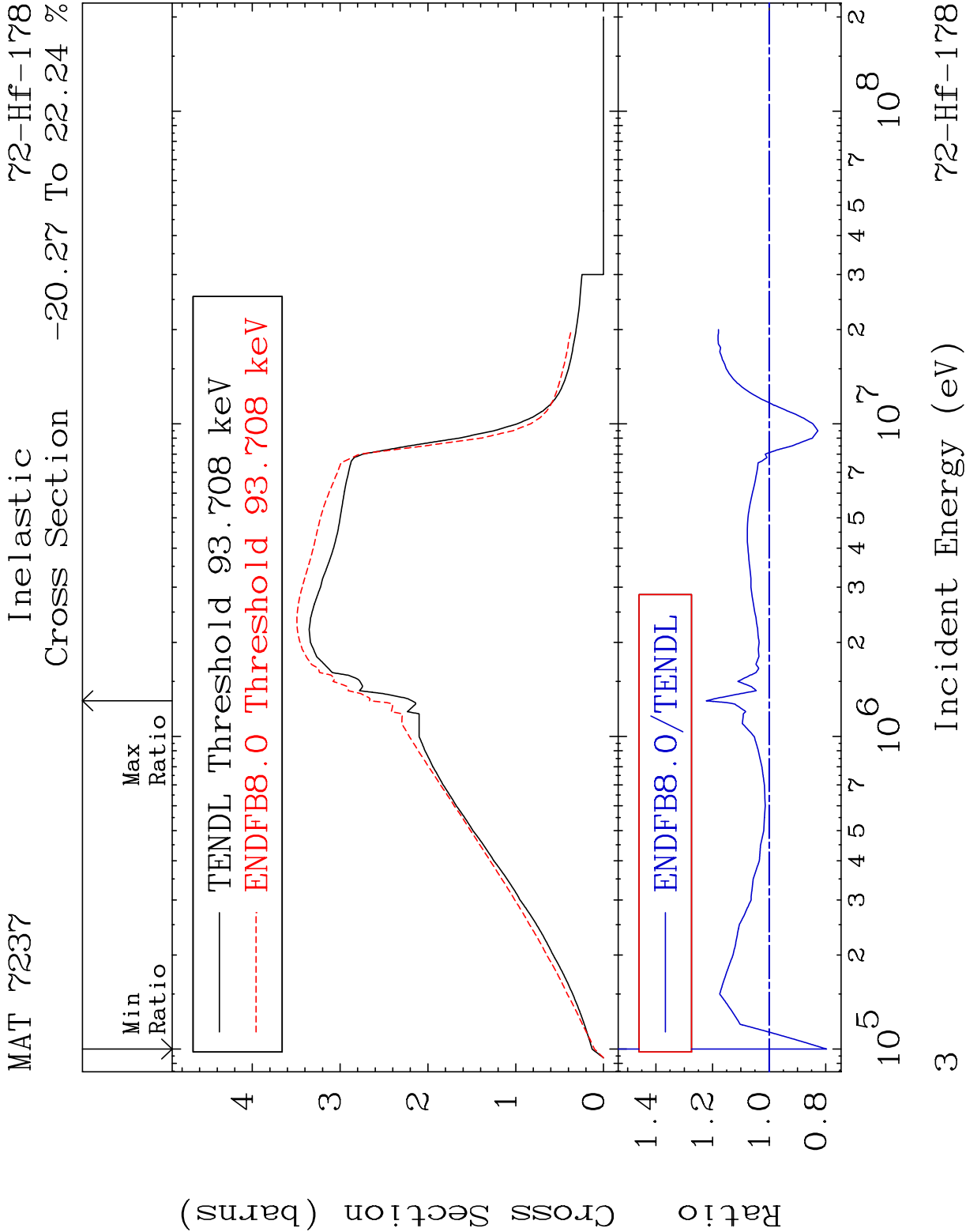
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

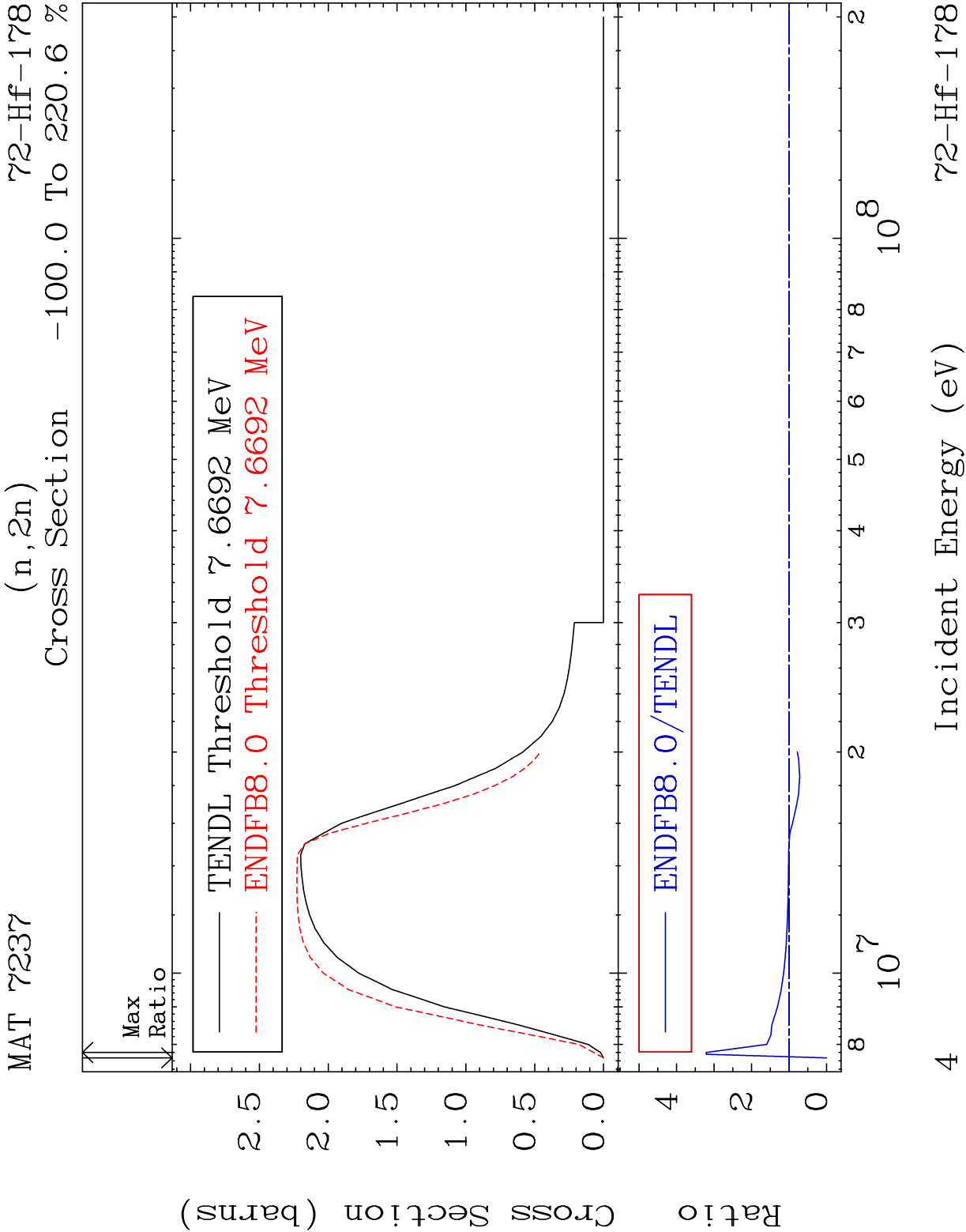
1

Incident Energy (eV)

72-Hf-178





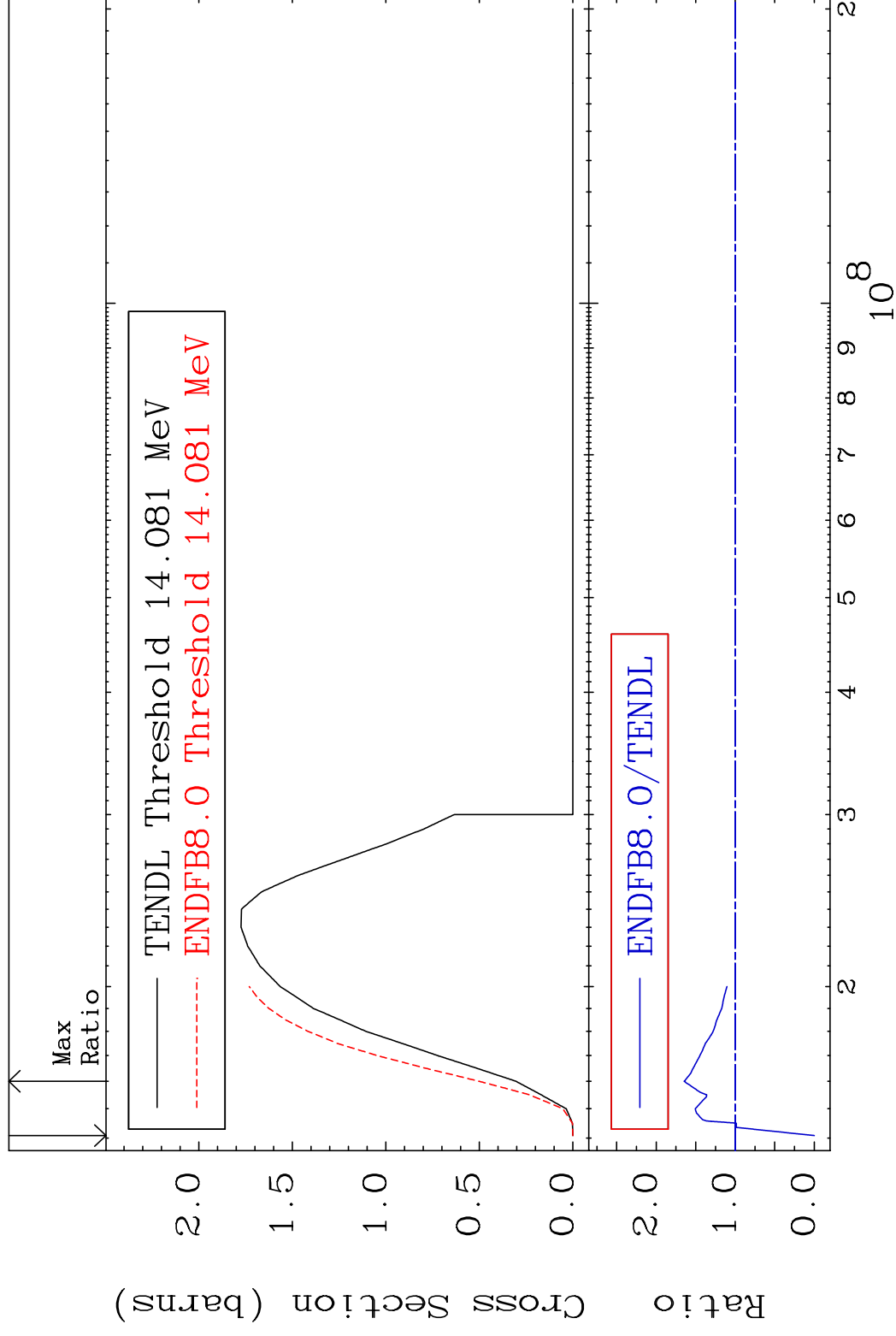


MAT 7237

$$(n, 3n)$$

72-Hf-178

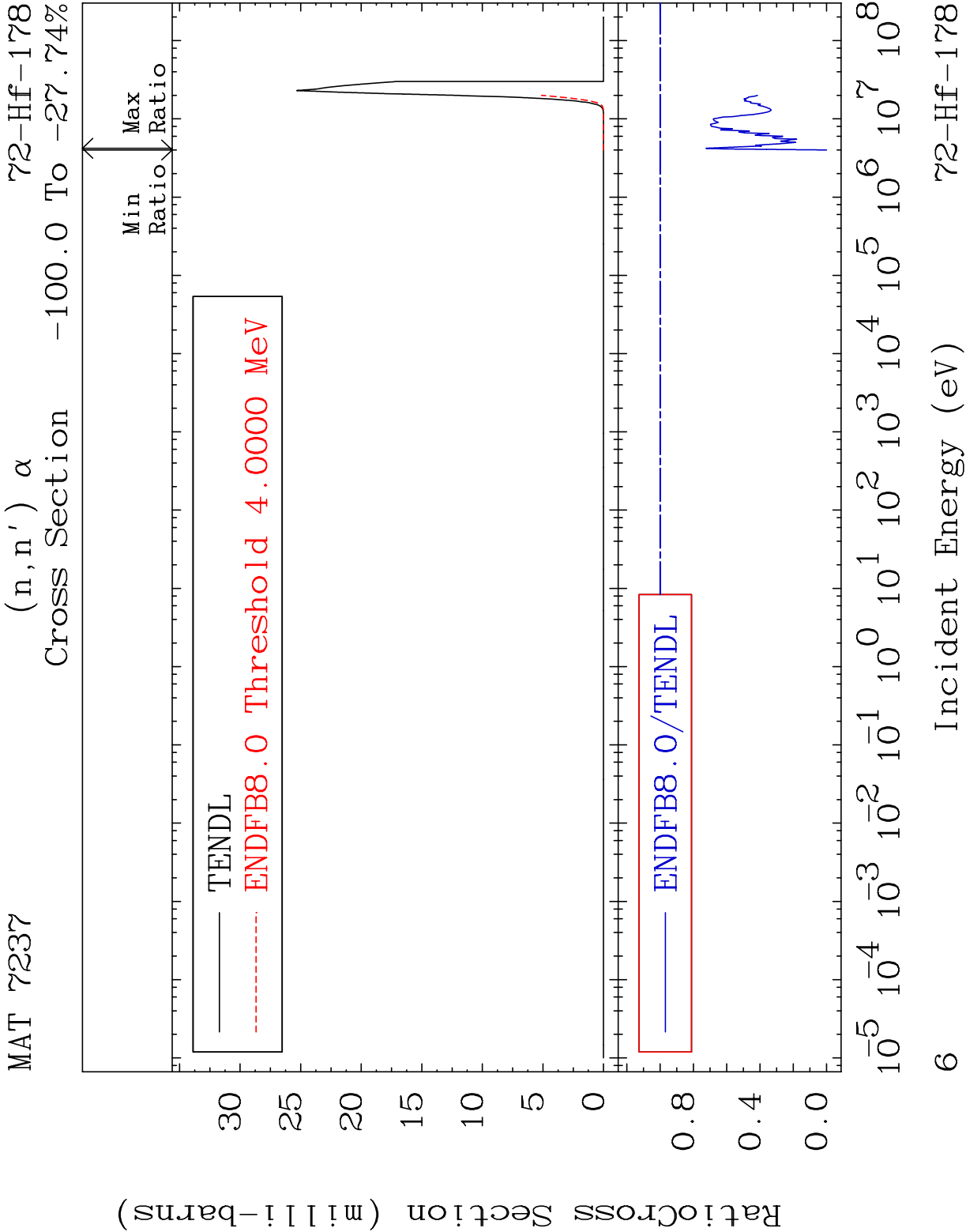
Cross Section -100.0 To 64.72 %

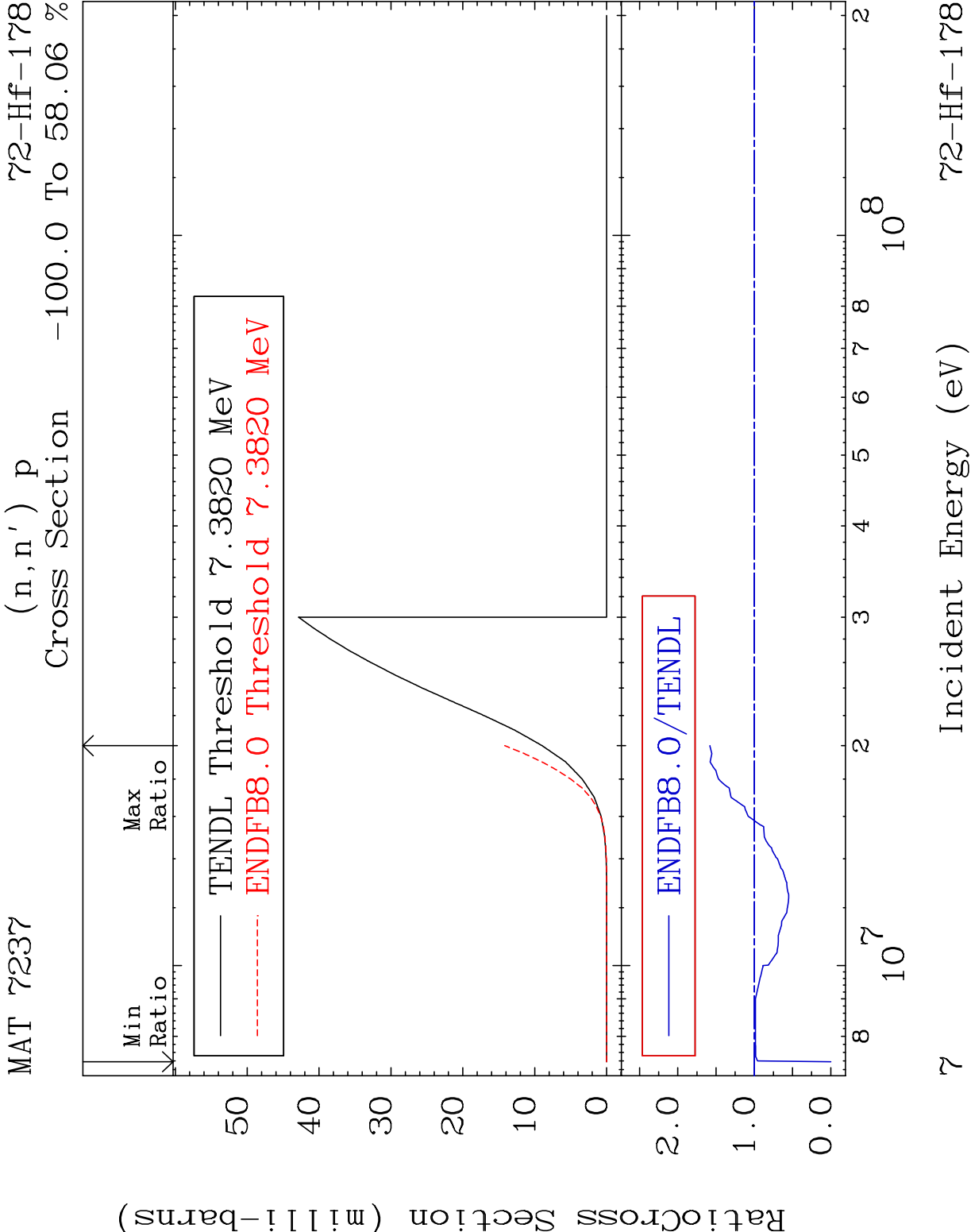


5

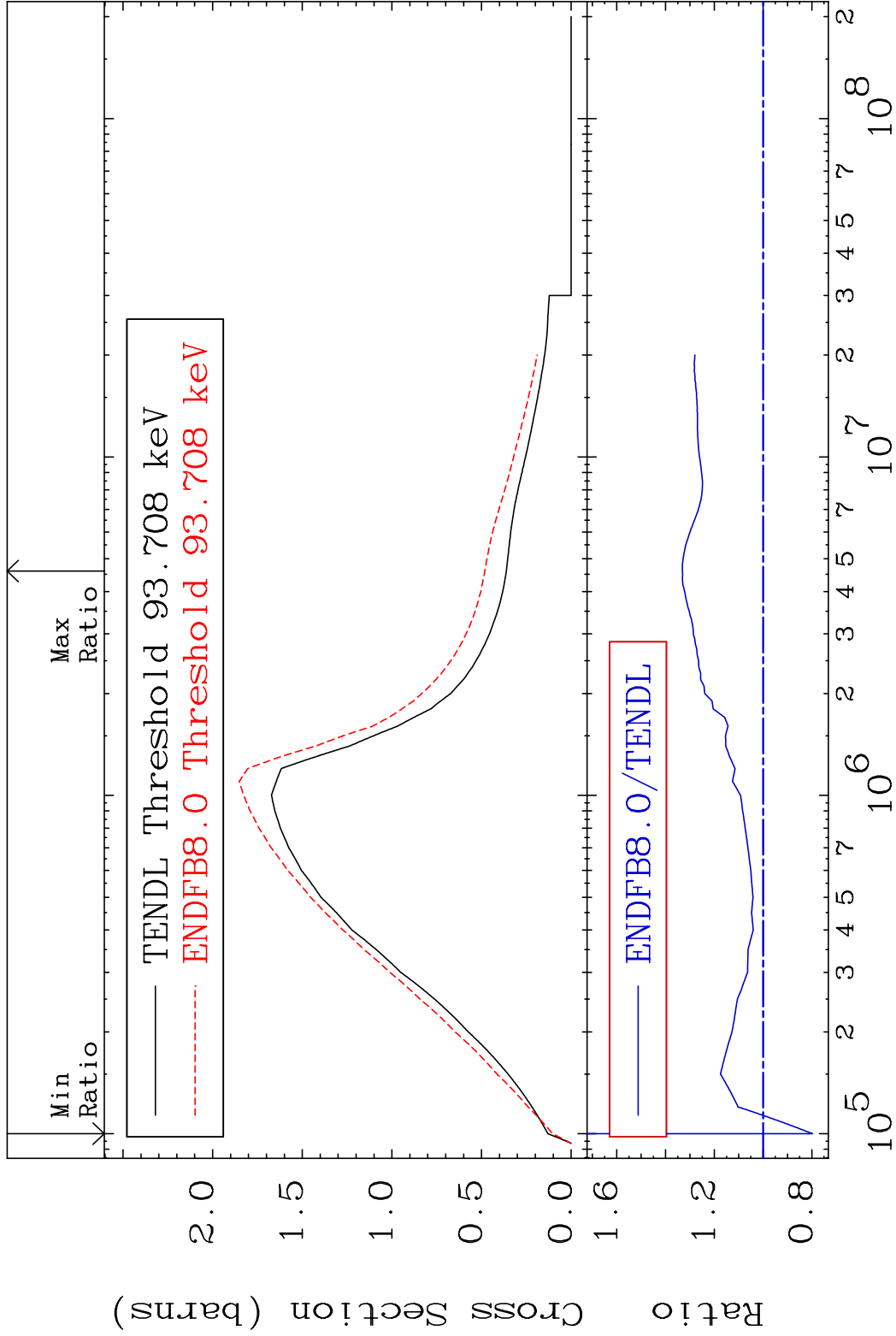
Incident Energy (eV)

72-Hf-178

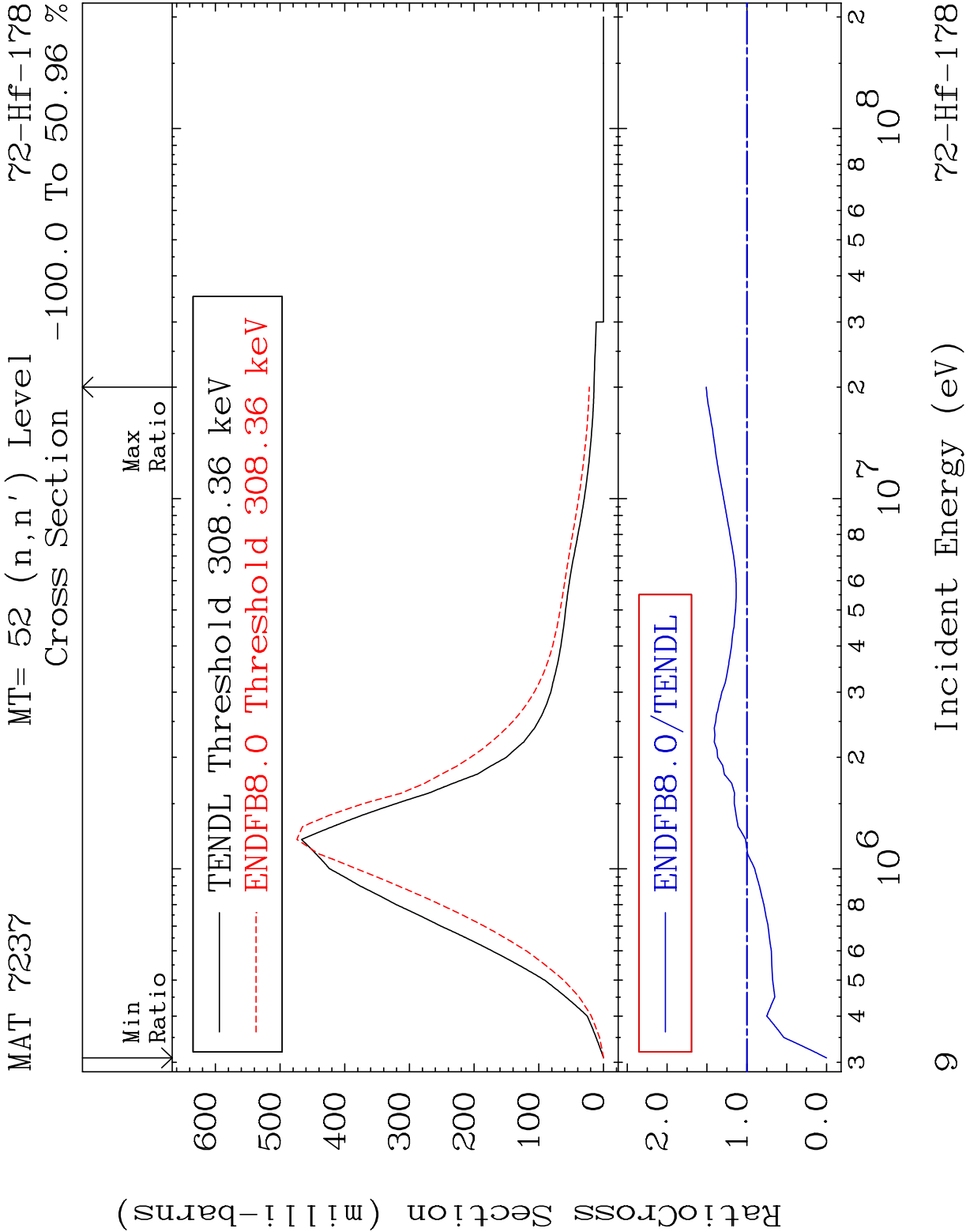




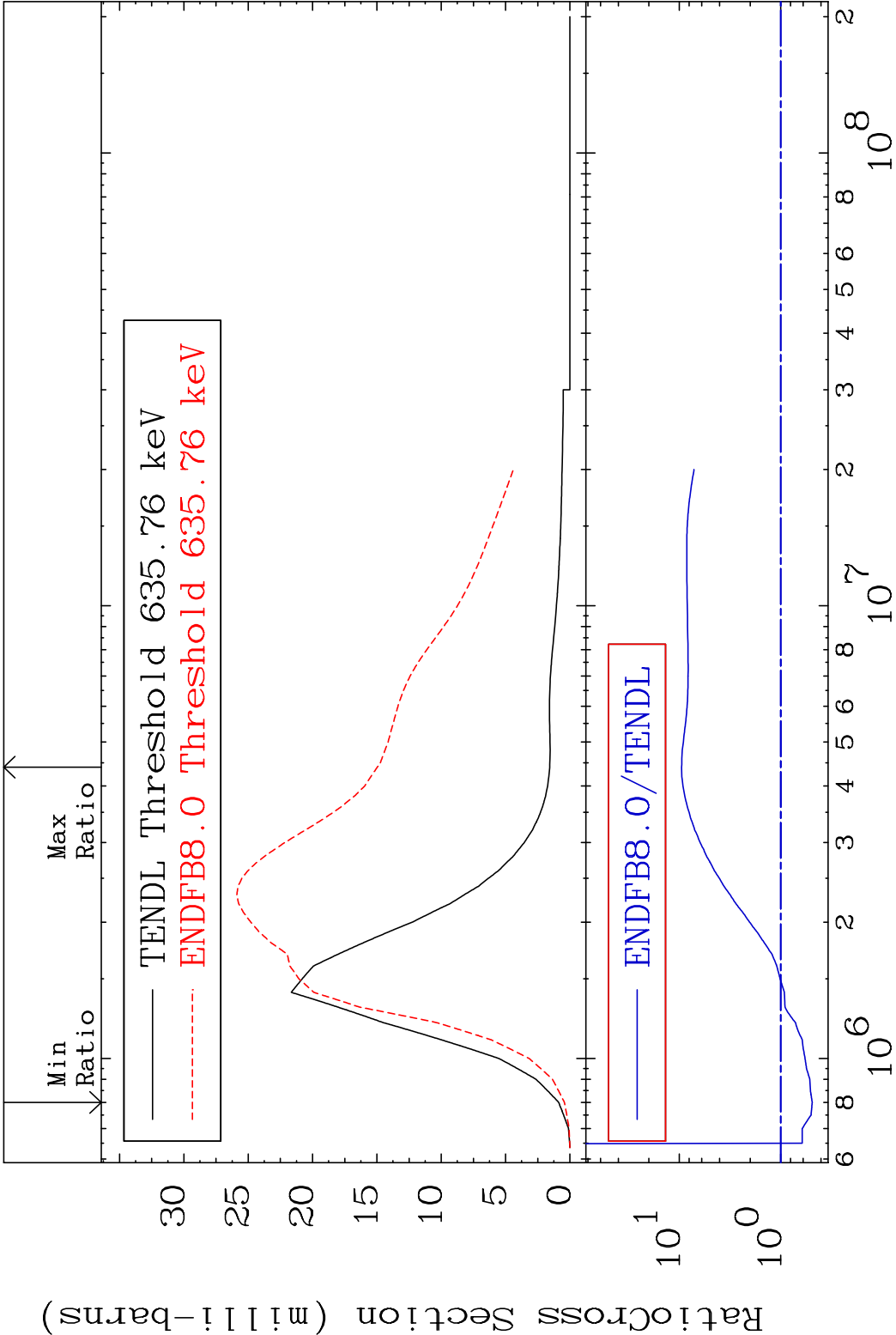
MAT 7237 MT= 51 (n,n') Level 72-Hf-178
Cross Section -20.27 To 33.10 %



8 Incident Energy (eV) 72-Hf-178



MAT 7237 MT= 53 (n,n') Level 72-Hf-178
Cross Section -51.23 To 851.6 %



10 Incident Energy (eV) 72-Hf-178

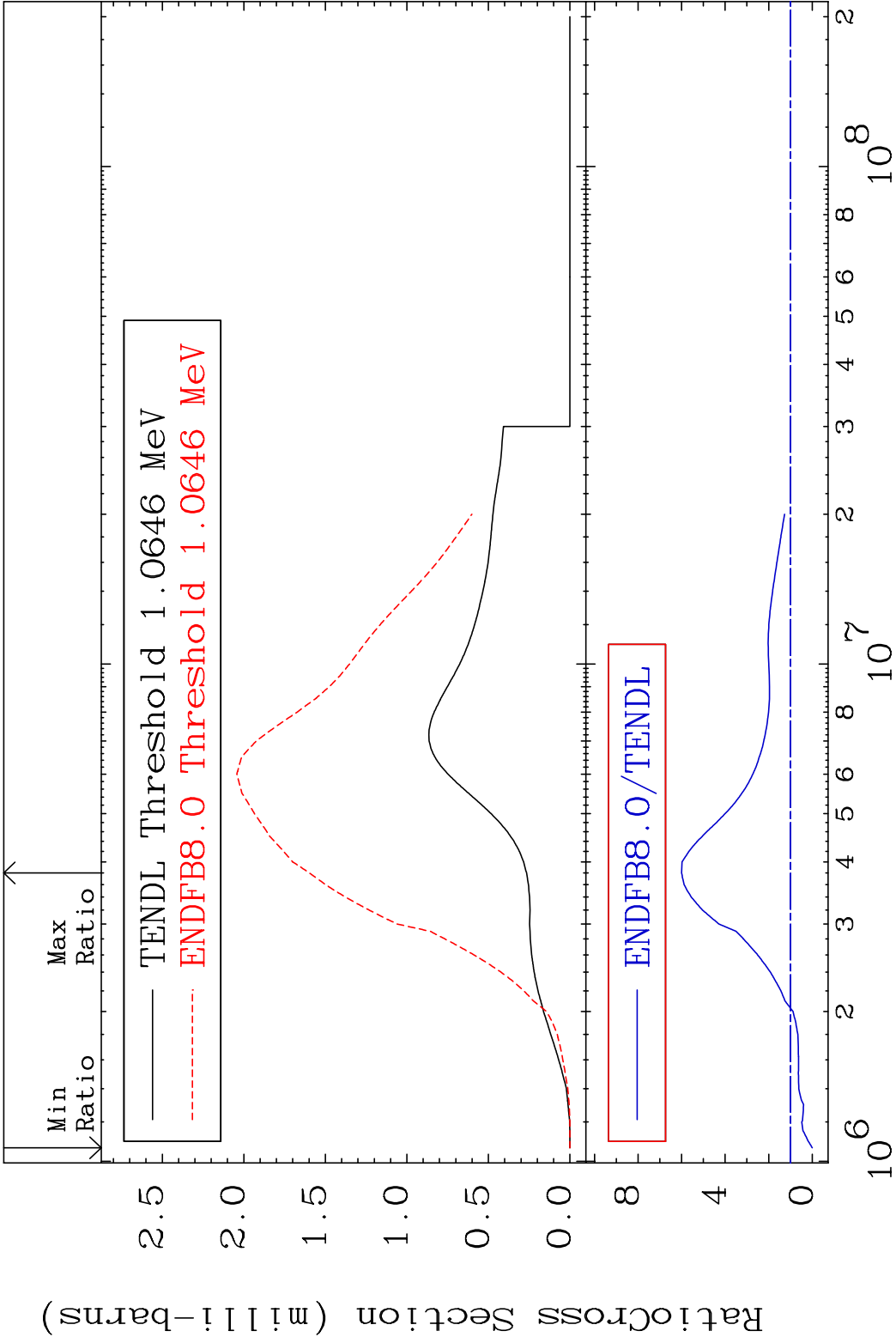
MAT 7237

MT= 54 (n,n') Level

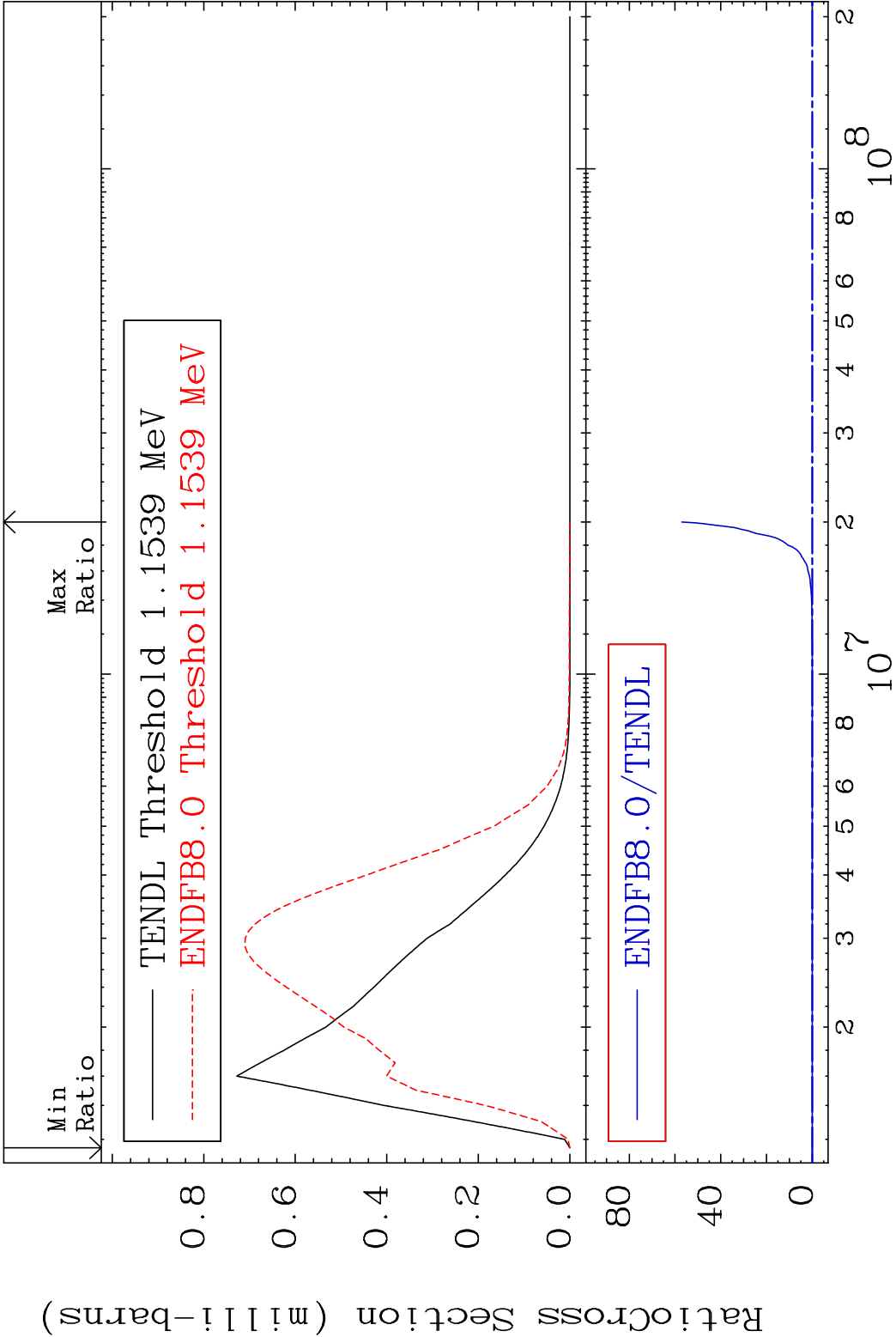
72-Hf-178

Cross Section

-100.0 To 500.2 %



MAT 7237 MT= 55 (n,n') Level 72-Hf-178
Cross Section -100.0 To 9999. %



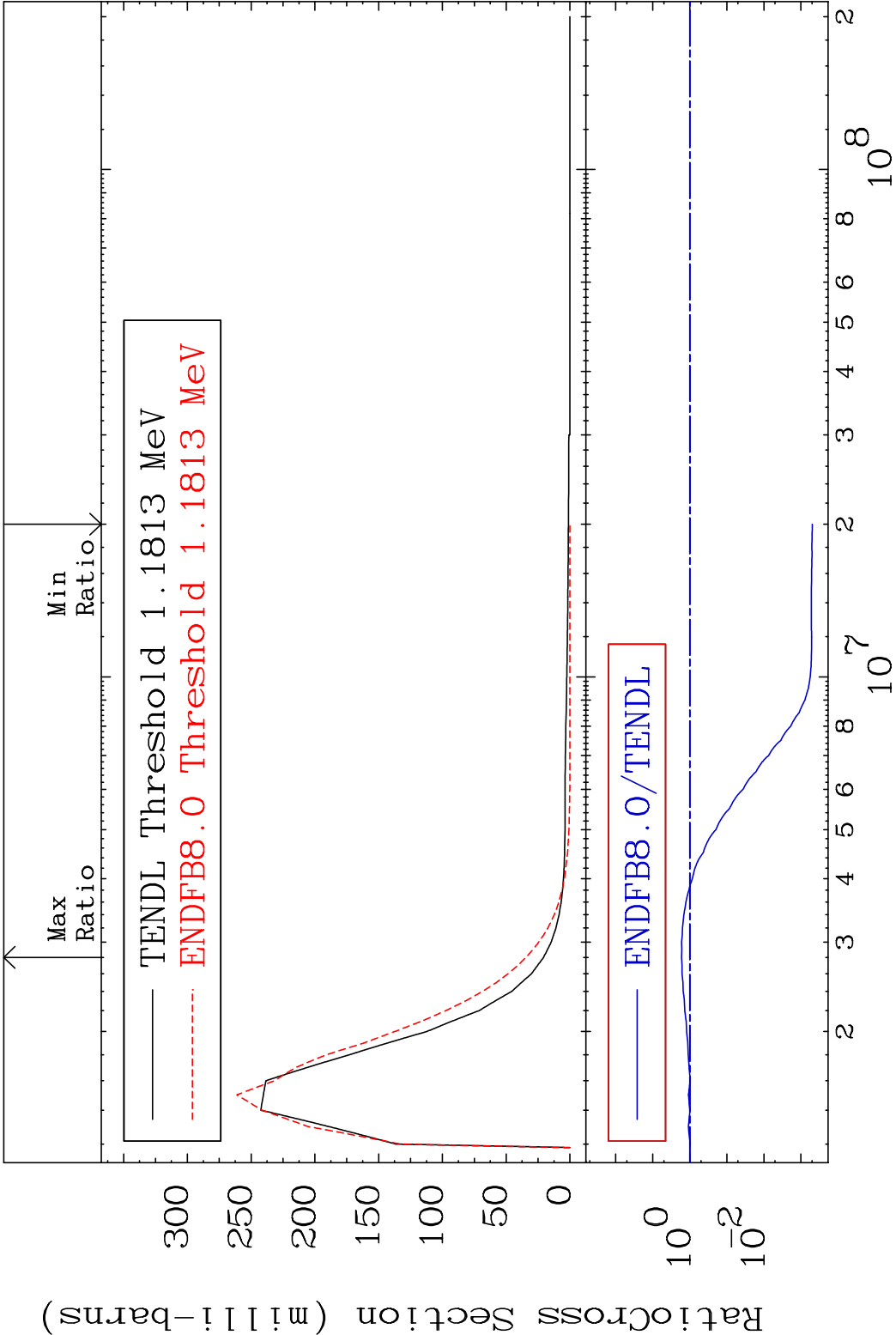
MAT 7237

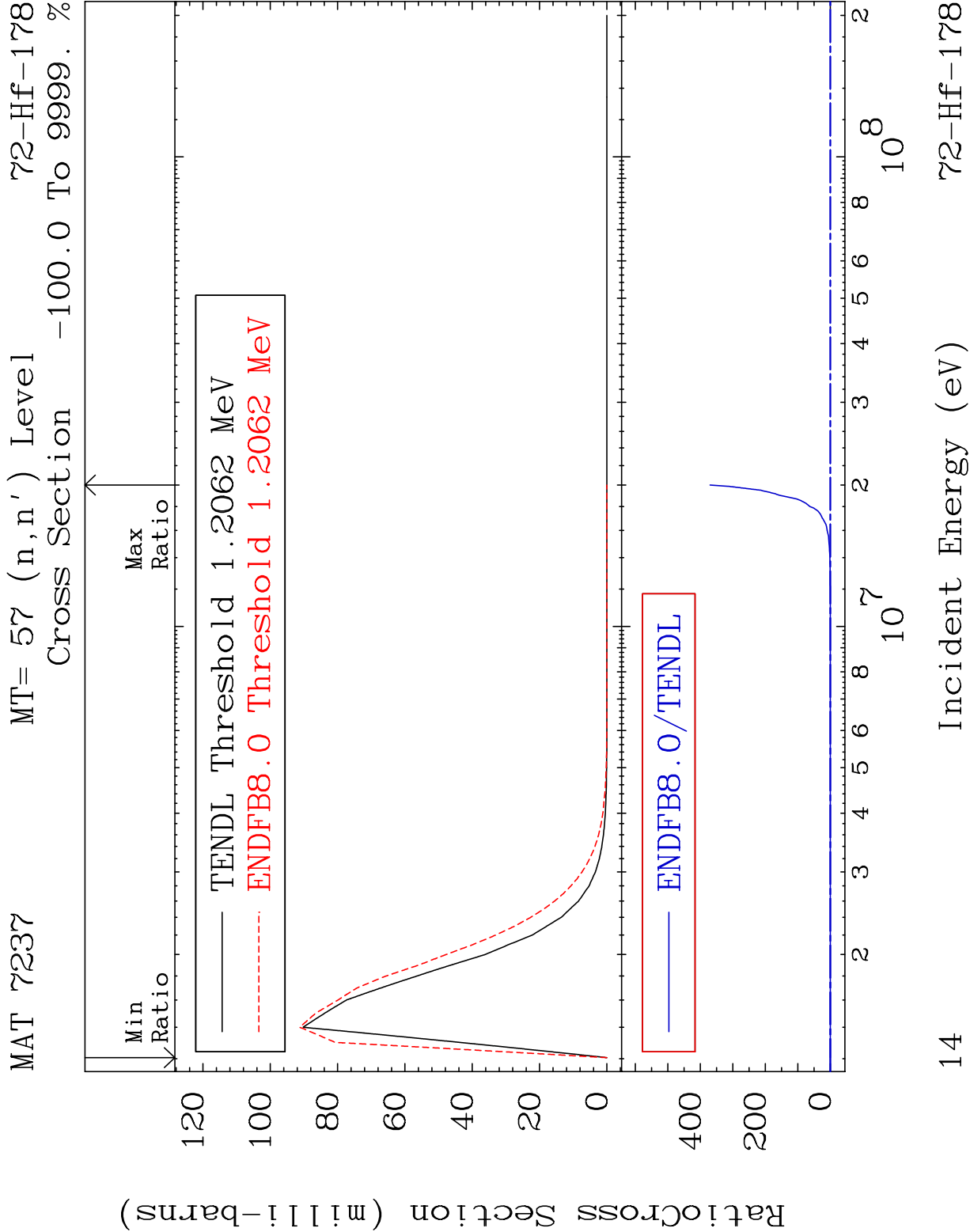
MT= 56 (n,n') Level

72-Hf-178

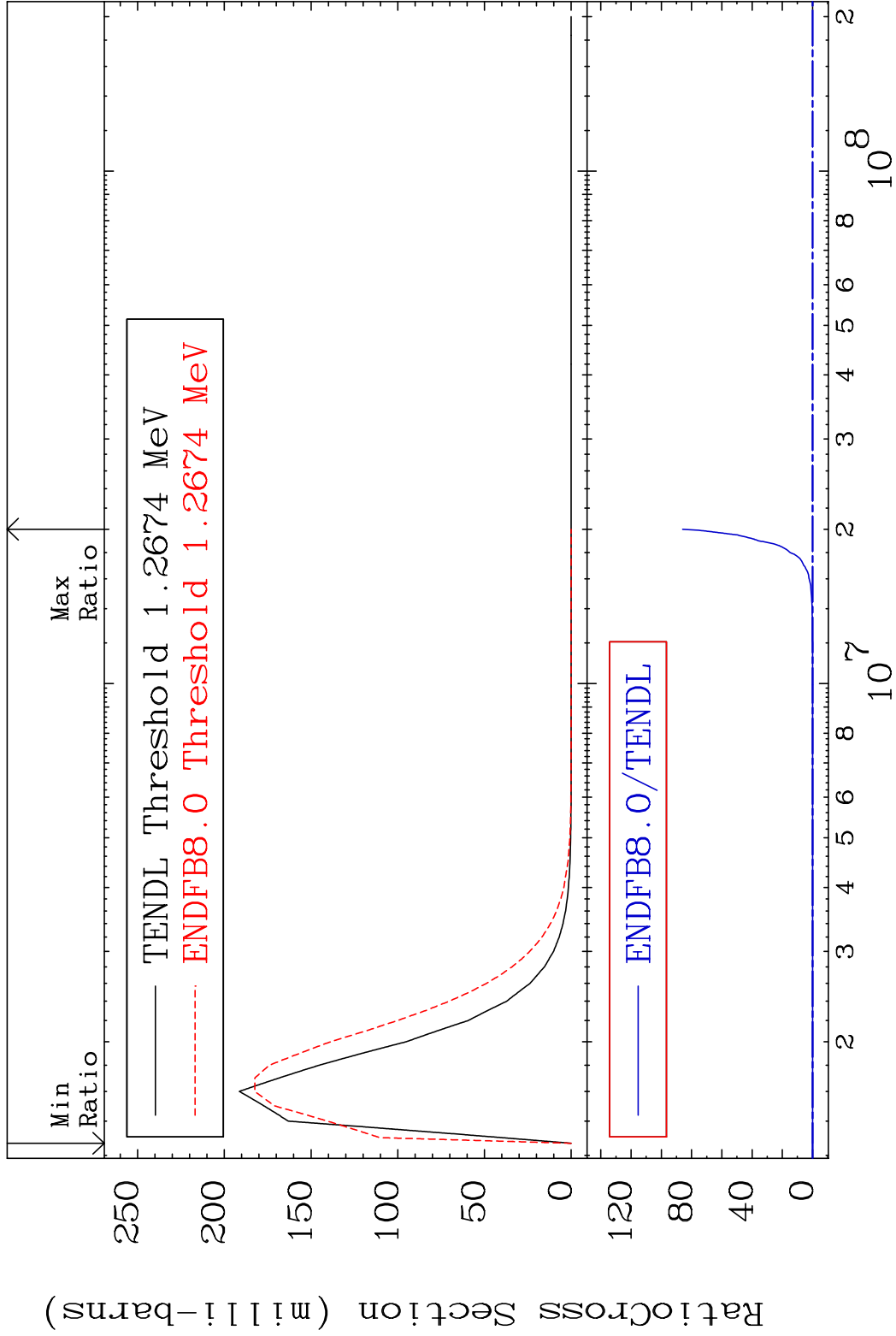
Cross Section

-99.95 To 66.83 %





MAT 7237 MT= 58 (n,n') Level 72-Hf-178
Cross Section -100.0 To 9999. %

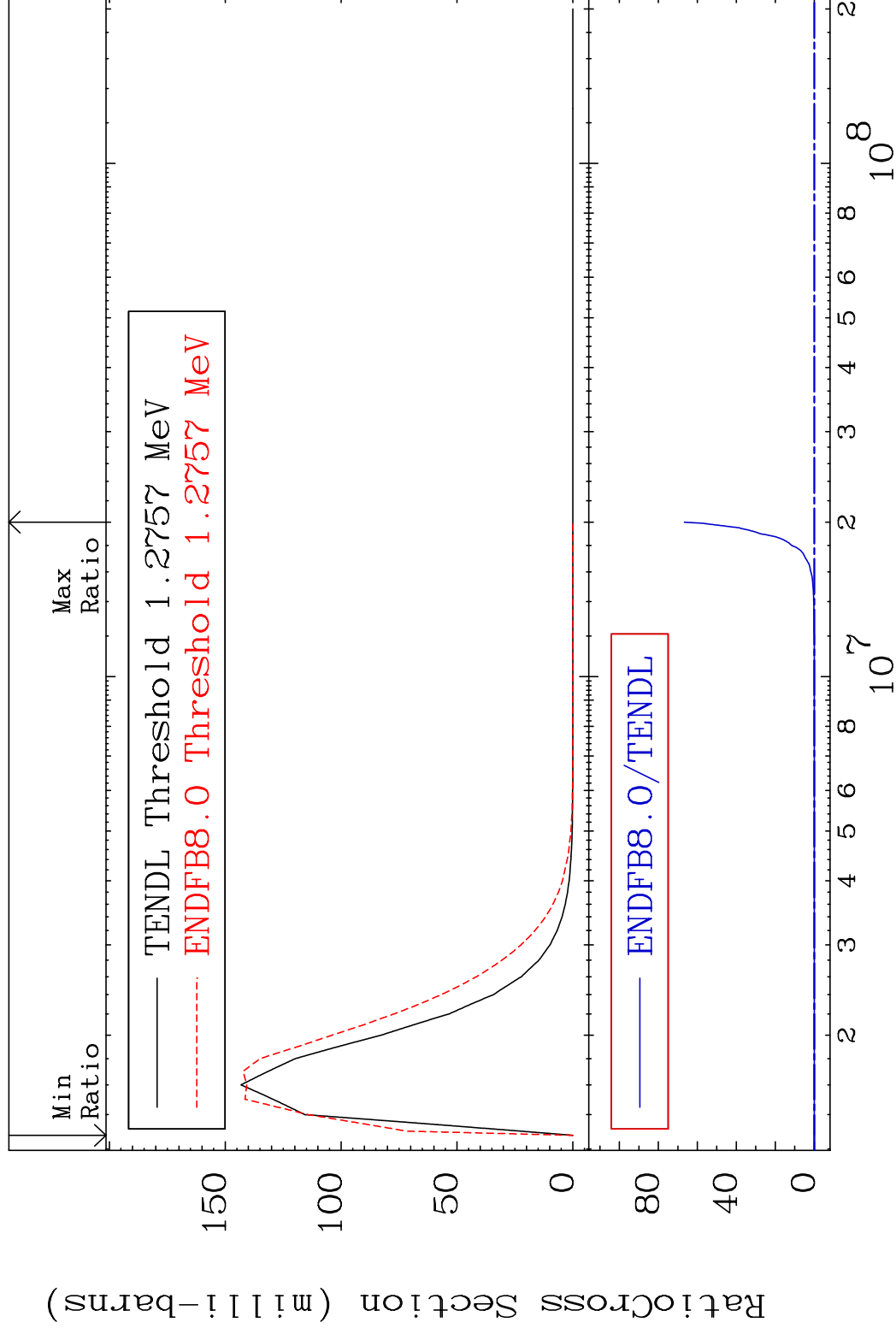


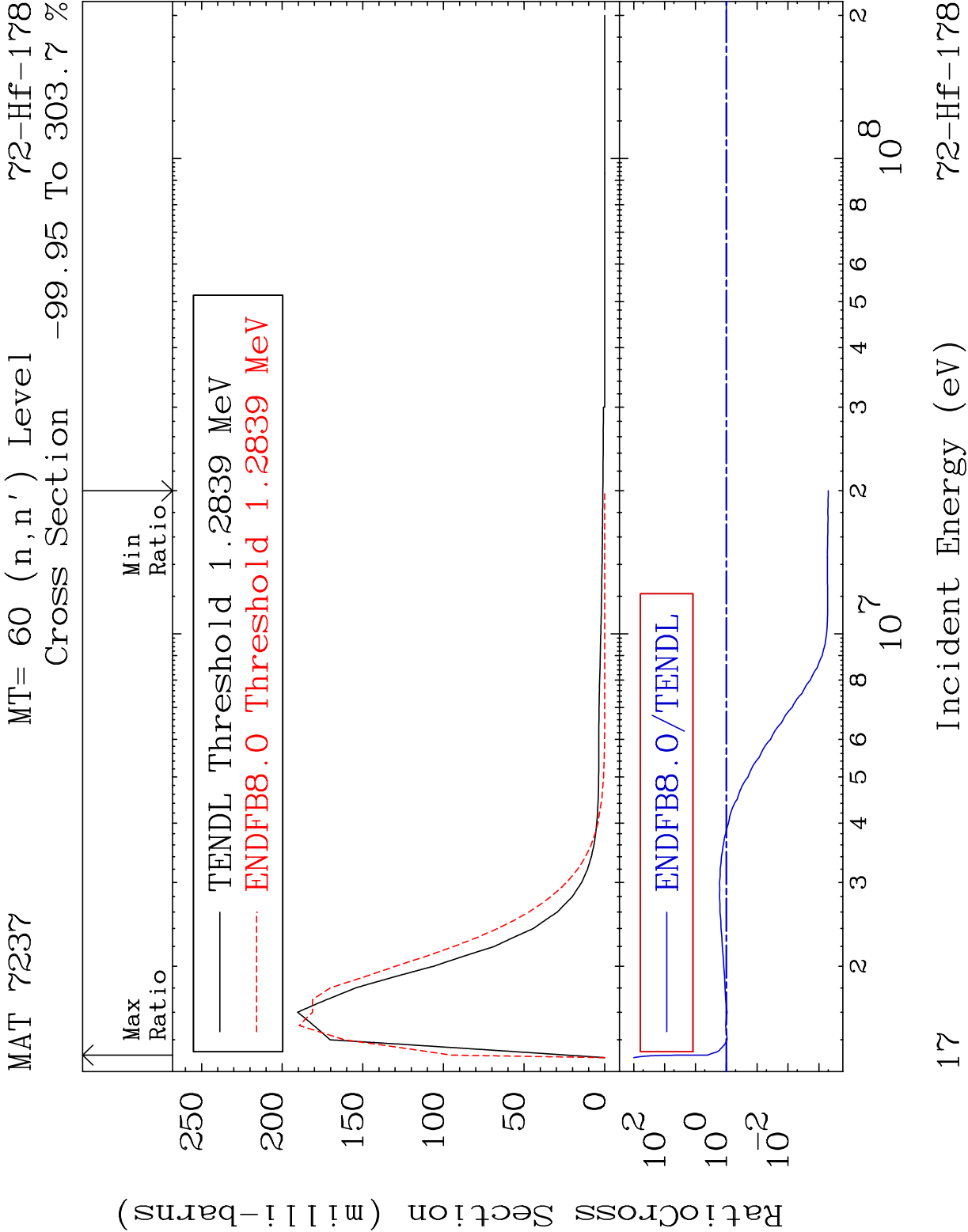
MAT 7237

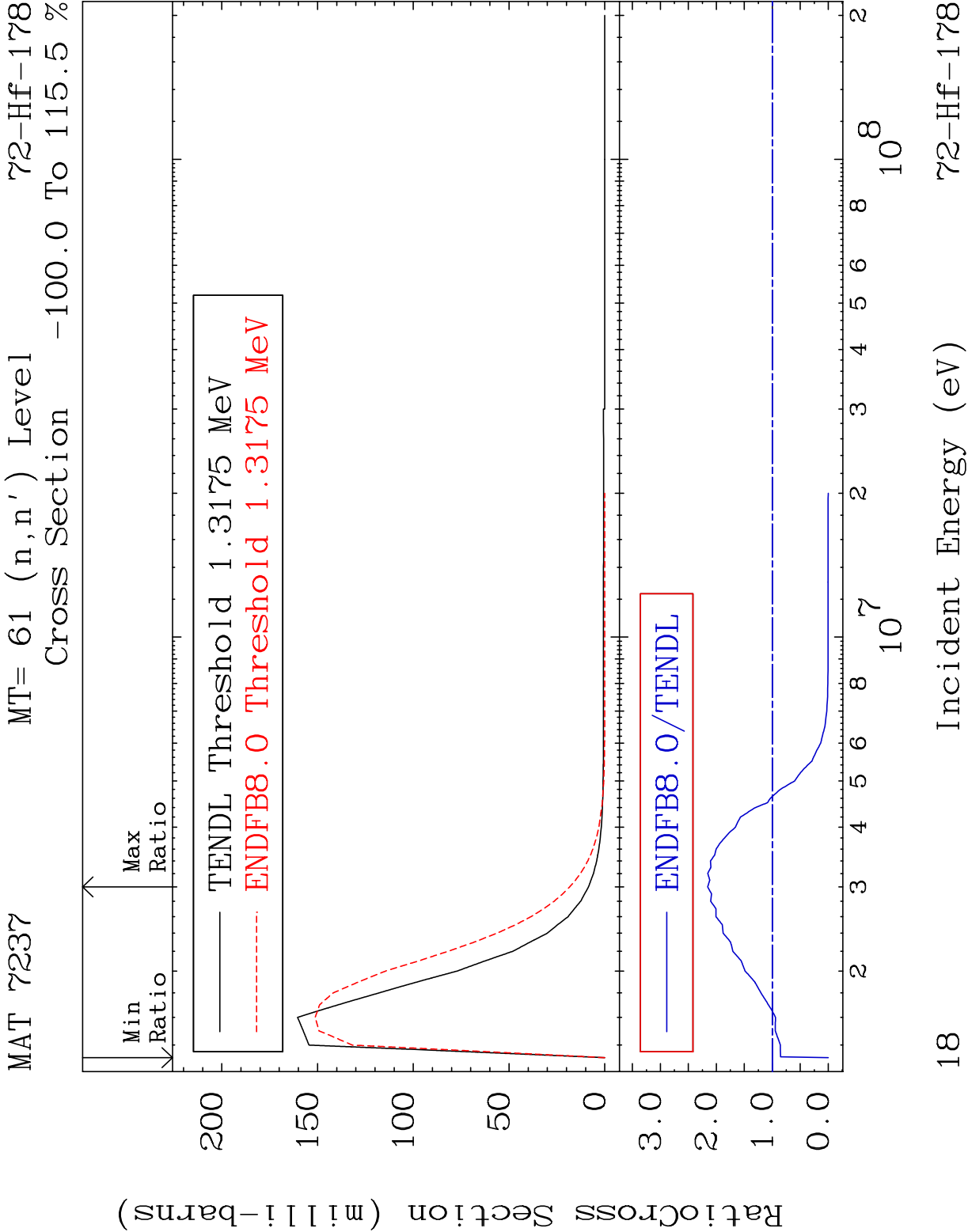
MT= 59 (n, n') Level

72-Hf-178

Cross Section -100.0 To 9999. %





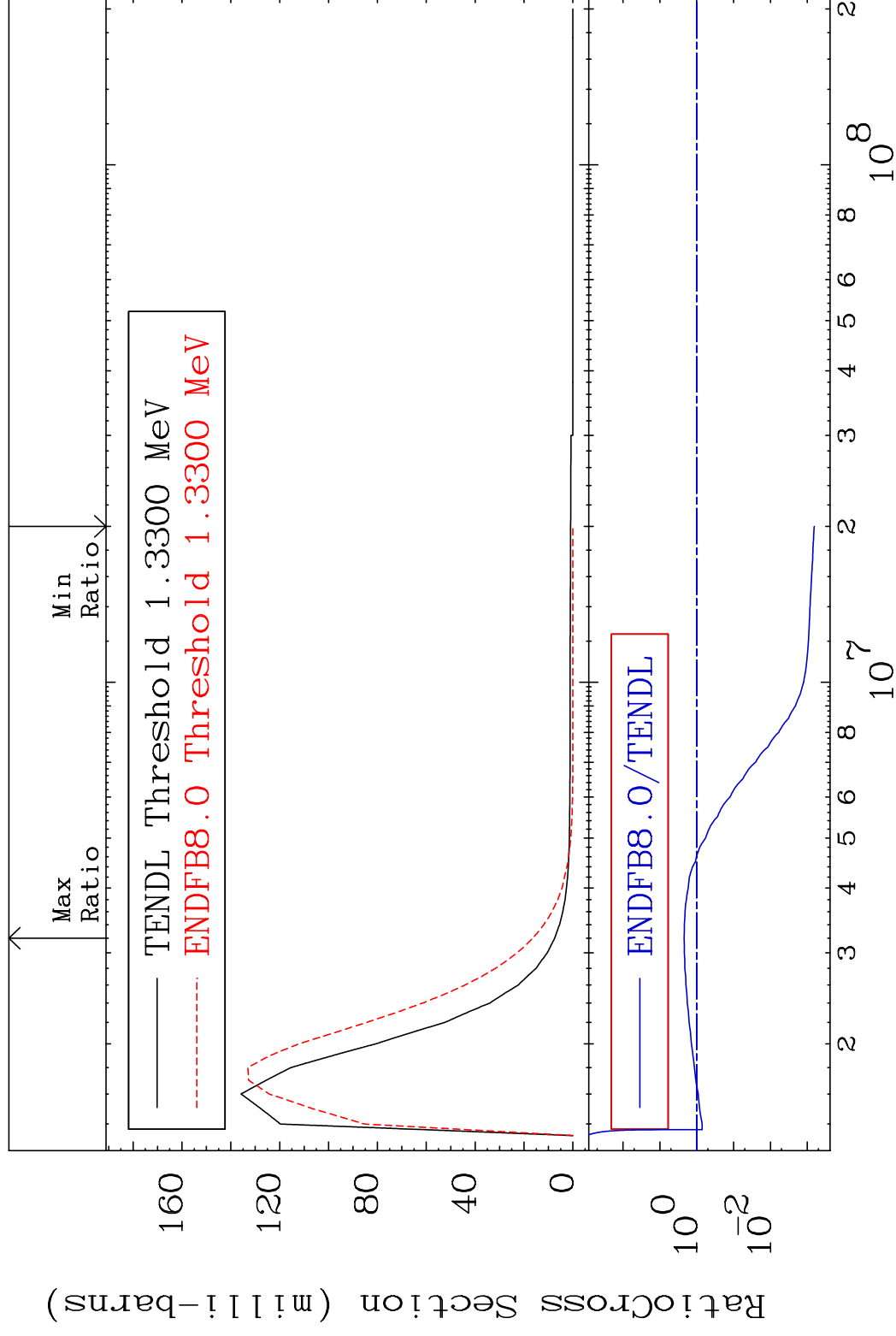


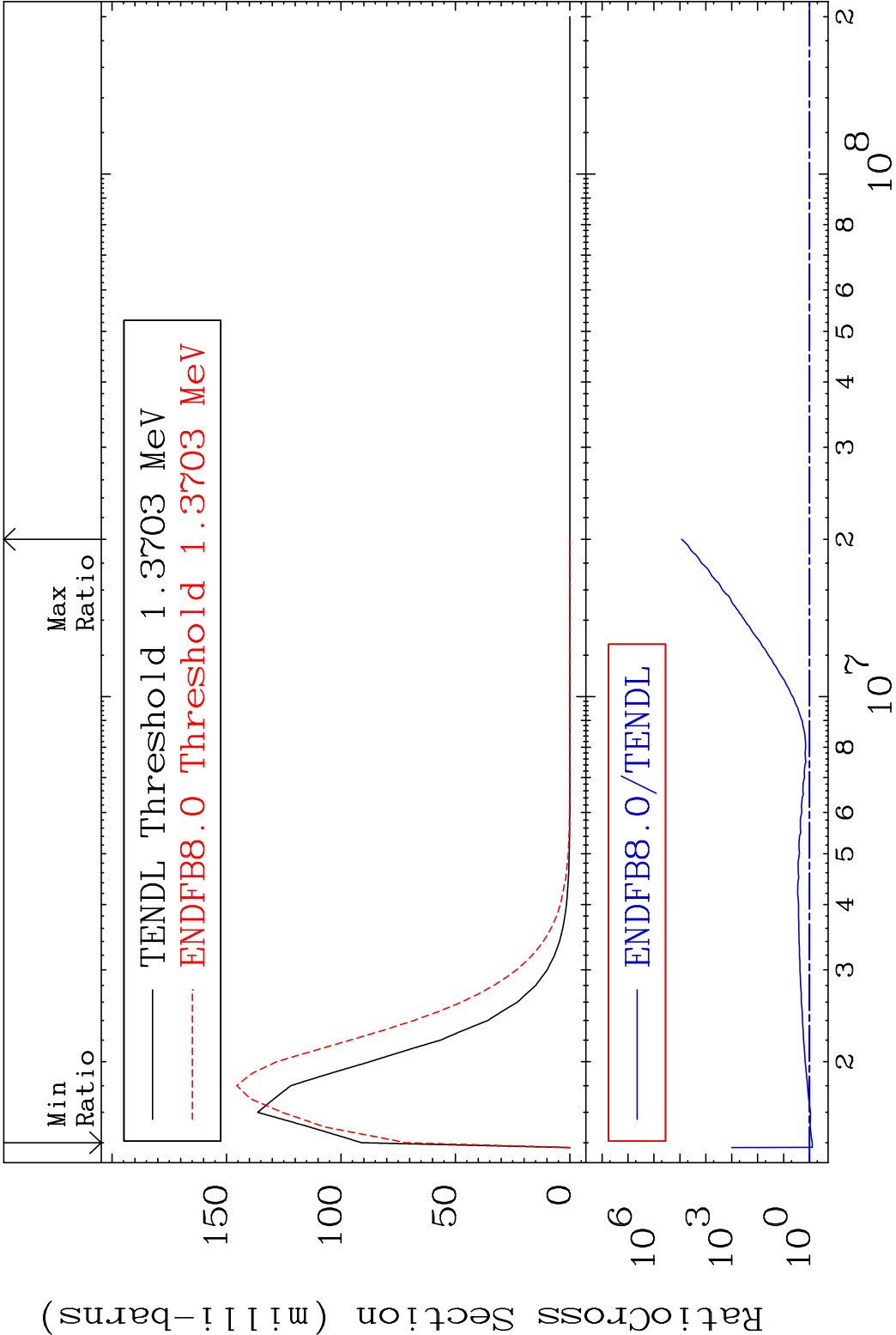
MAT 7237

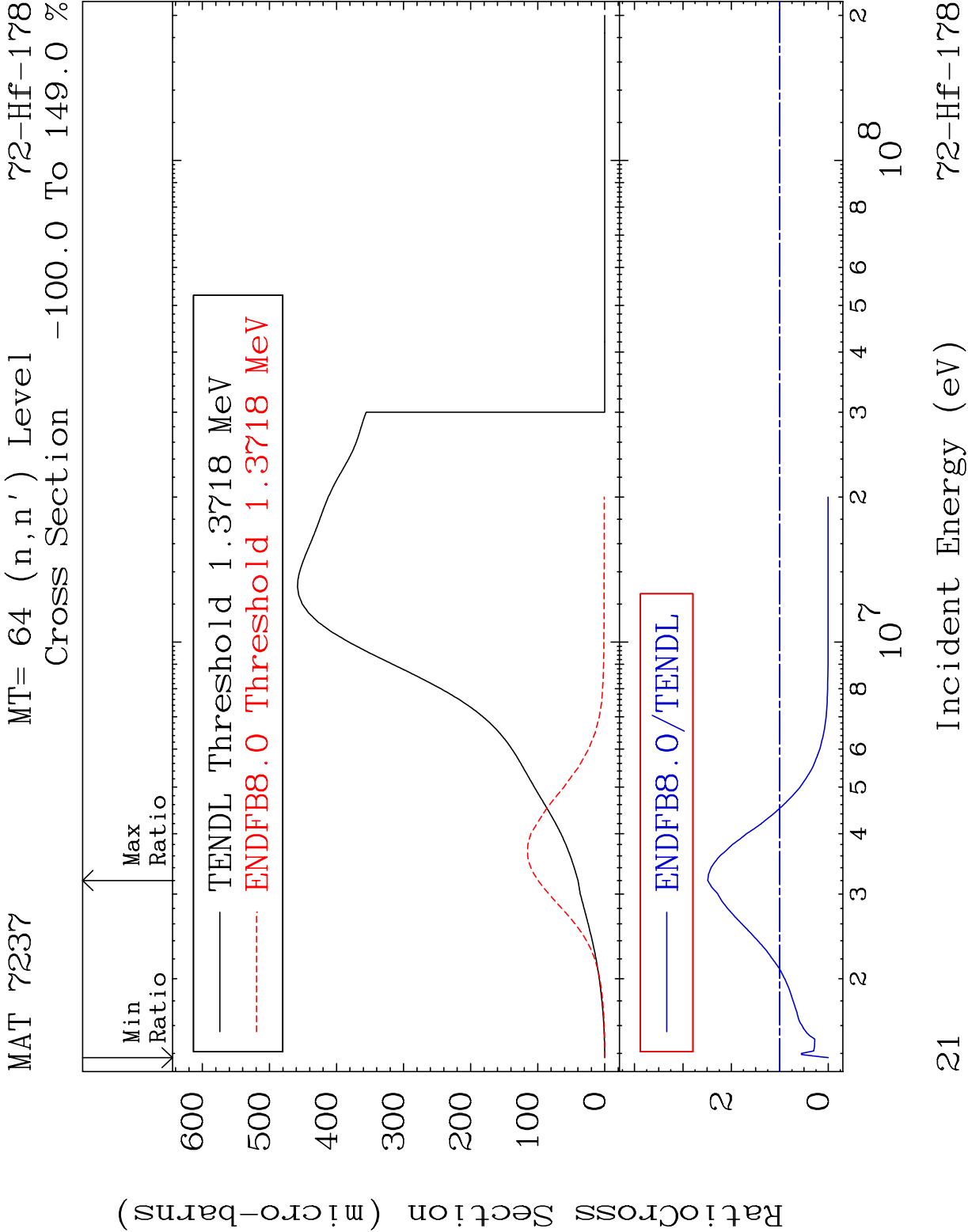
MT= 62 (n, n') Level

72-Hf-178

Cross Section -99.94 To 120.5 %







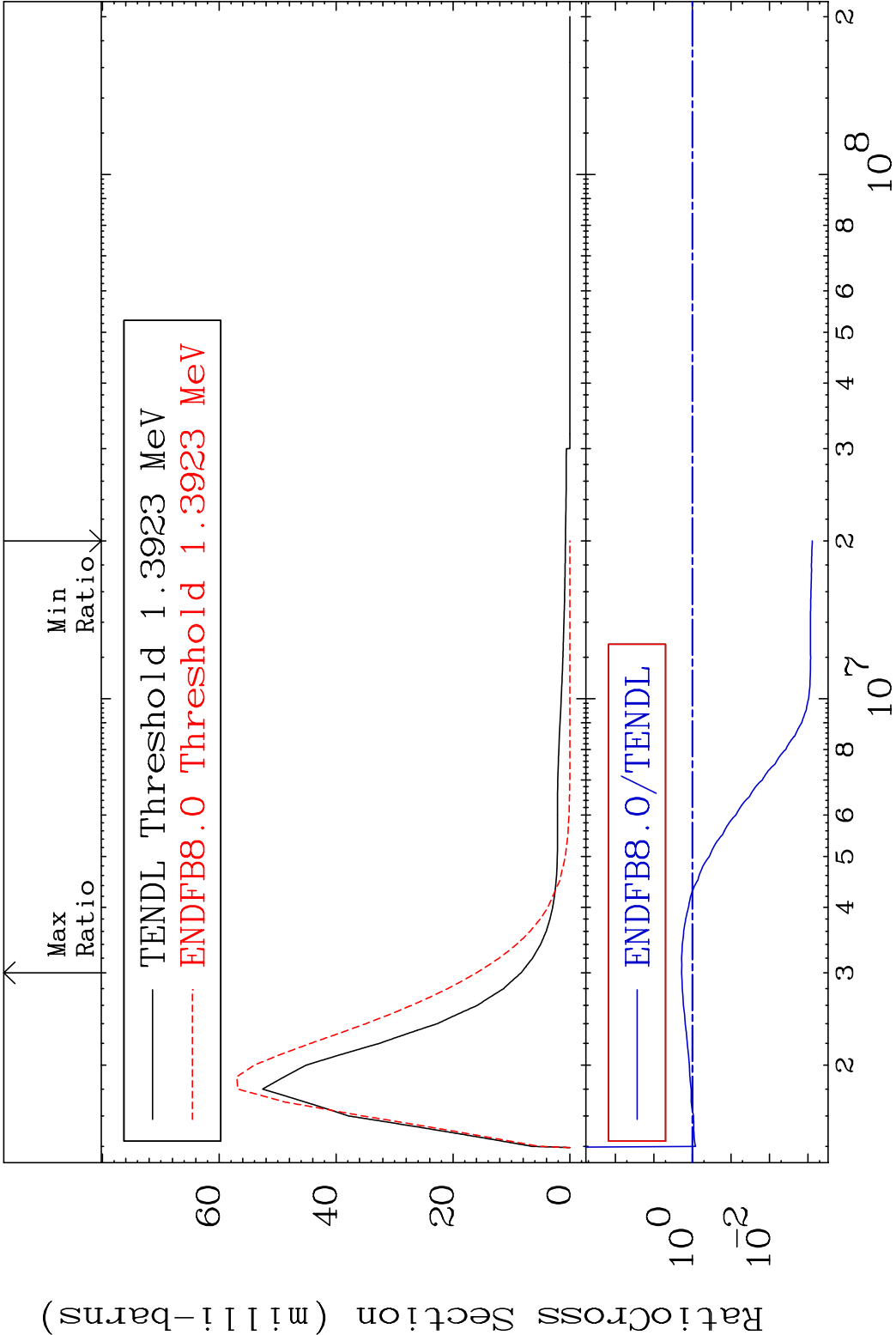
MAT 7237

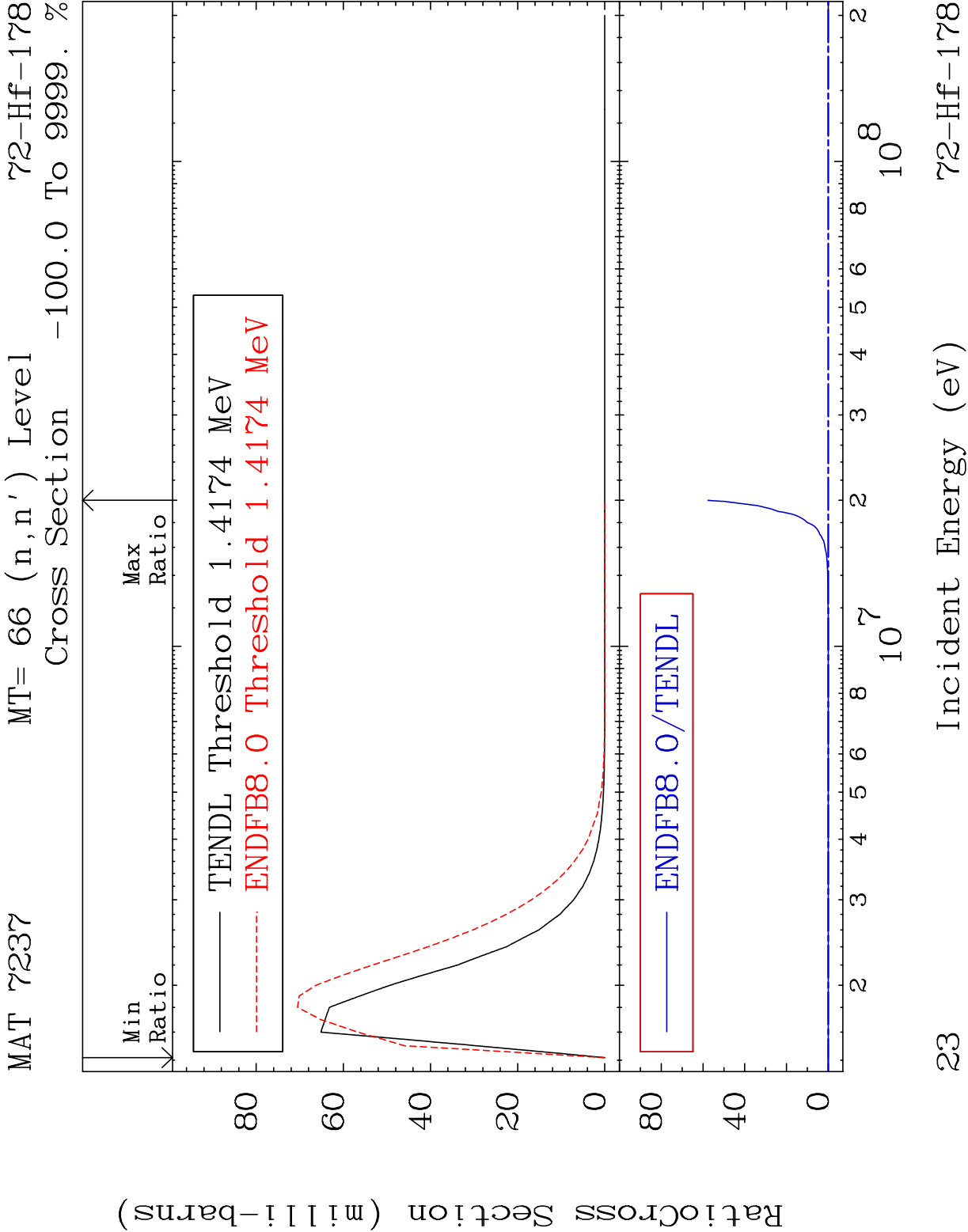
MT= 65 (n,n') Level

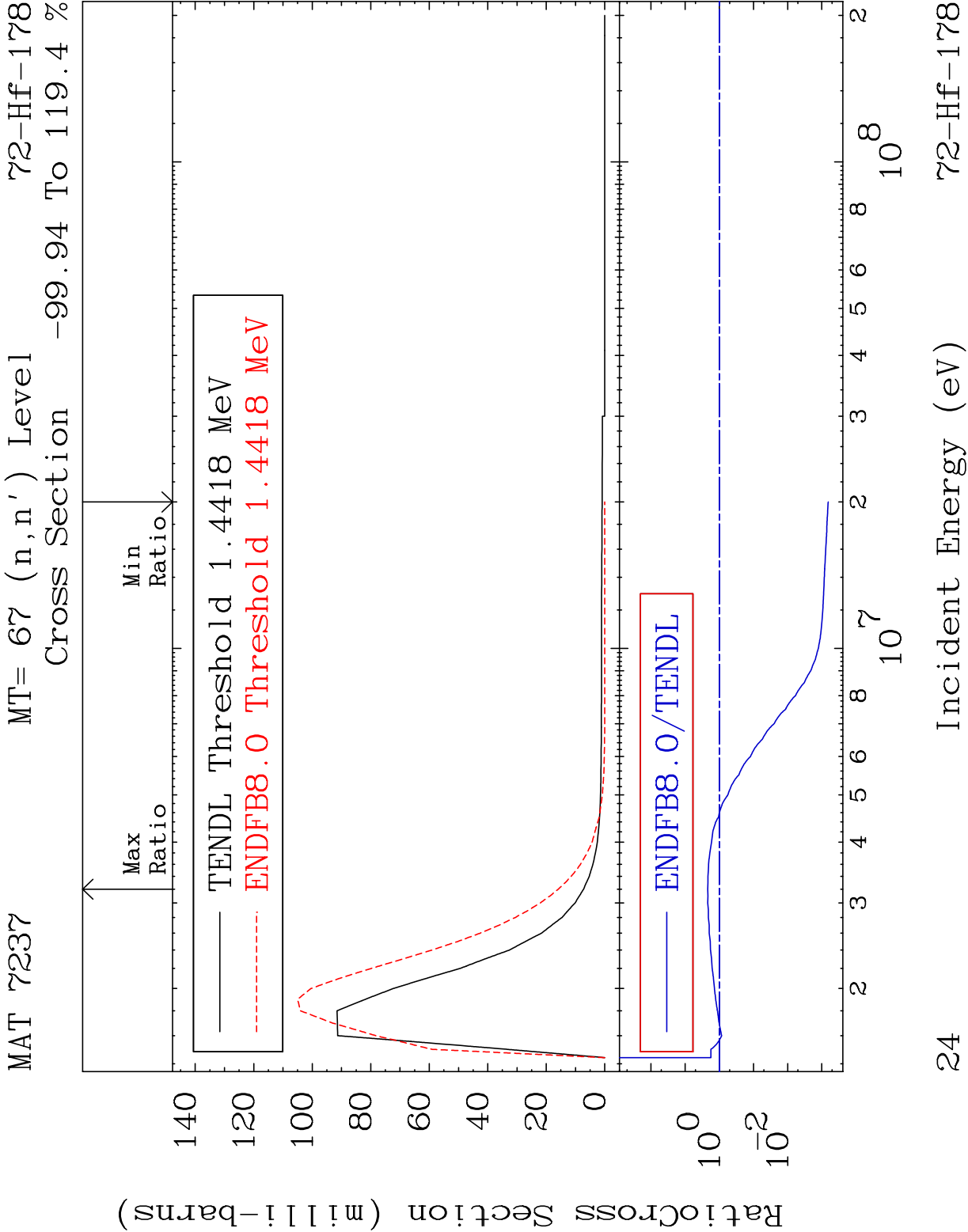
72-Hf-178

Cross Section

-99.92 To 91.49 %







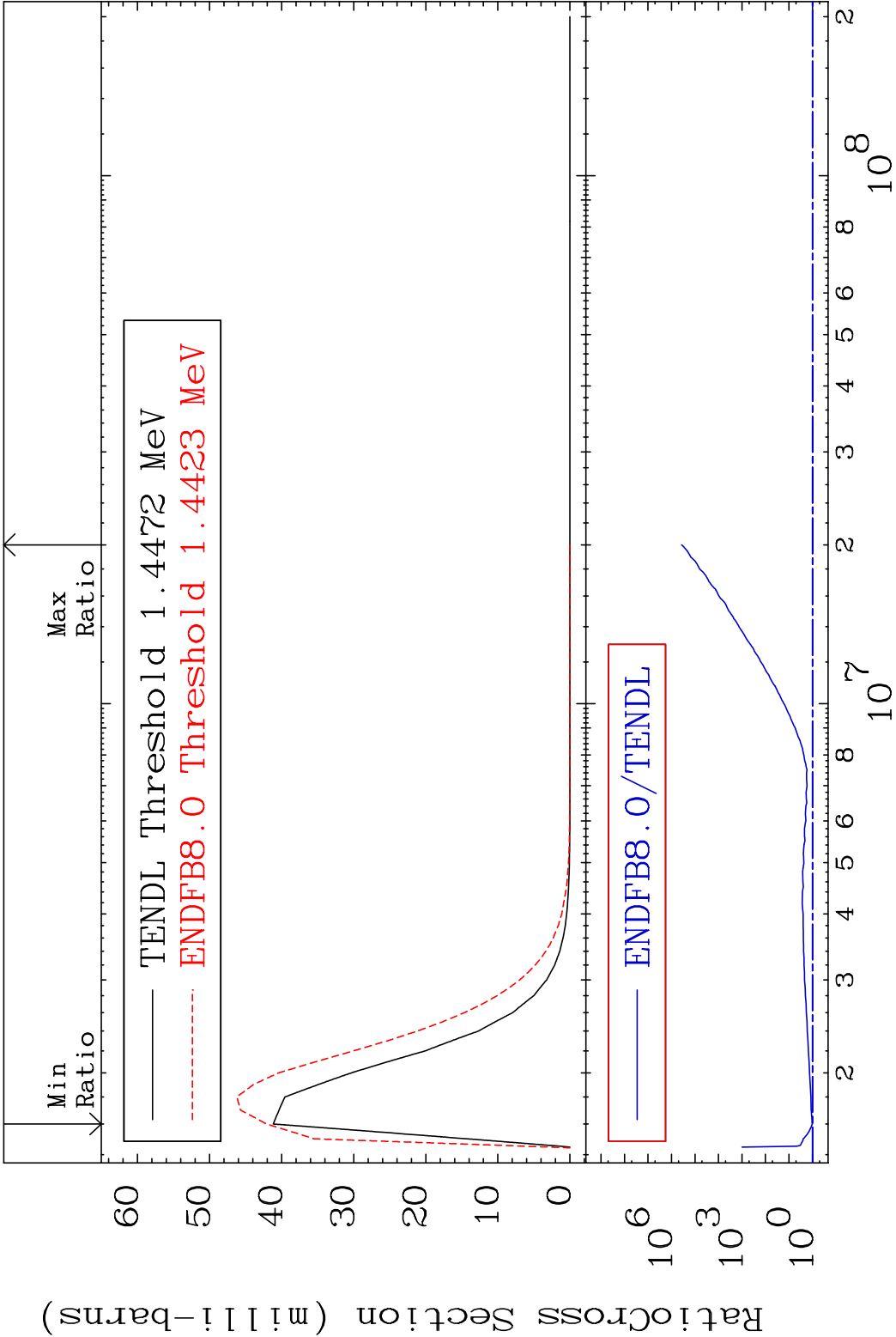
MAT 7237

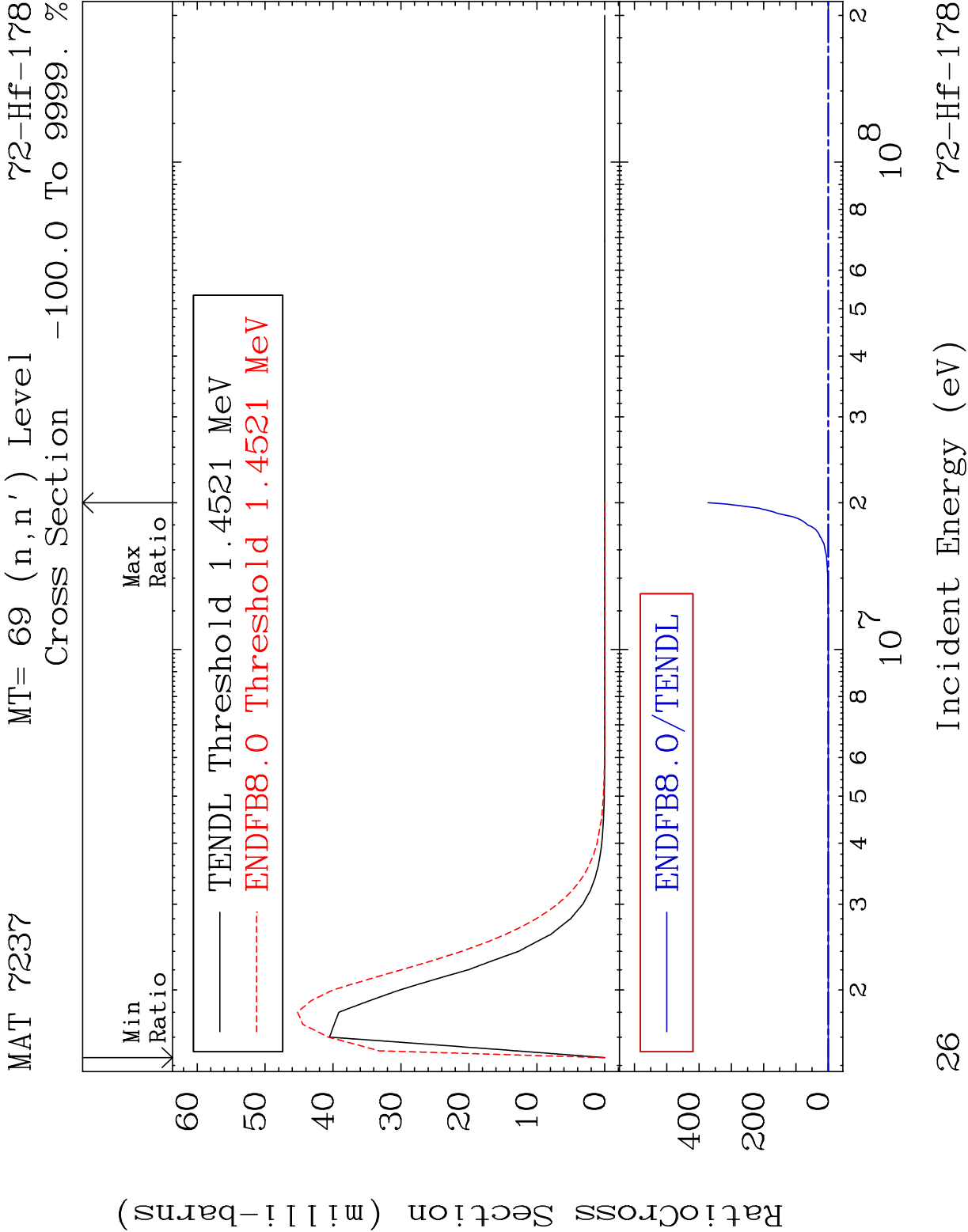
MT= 68 (n,n') Level

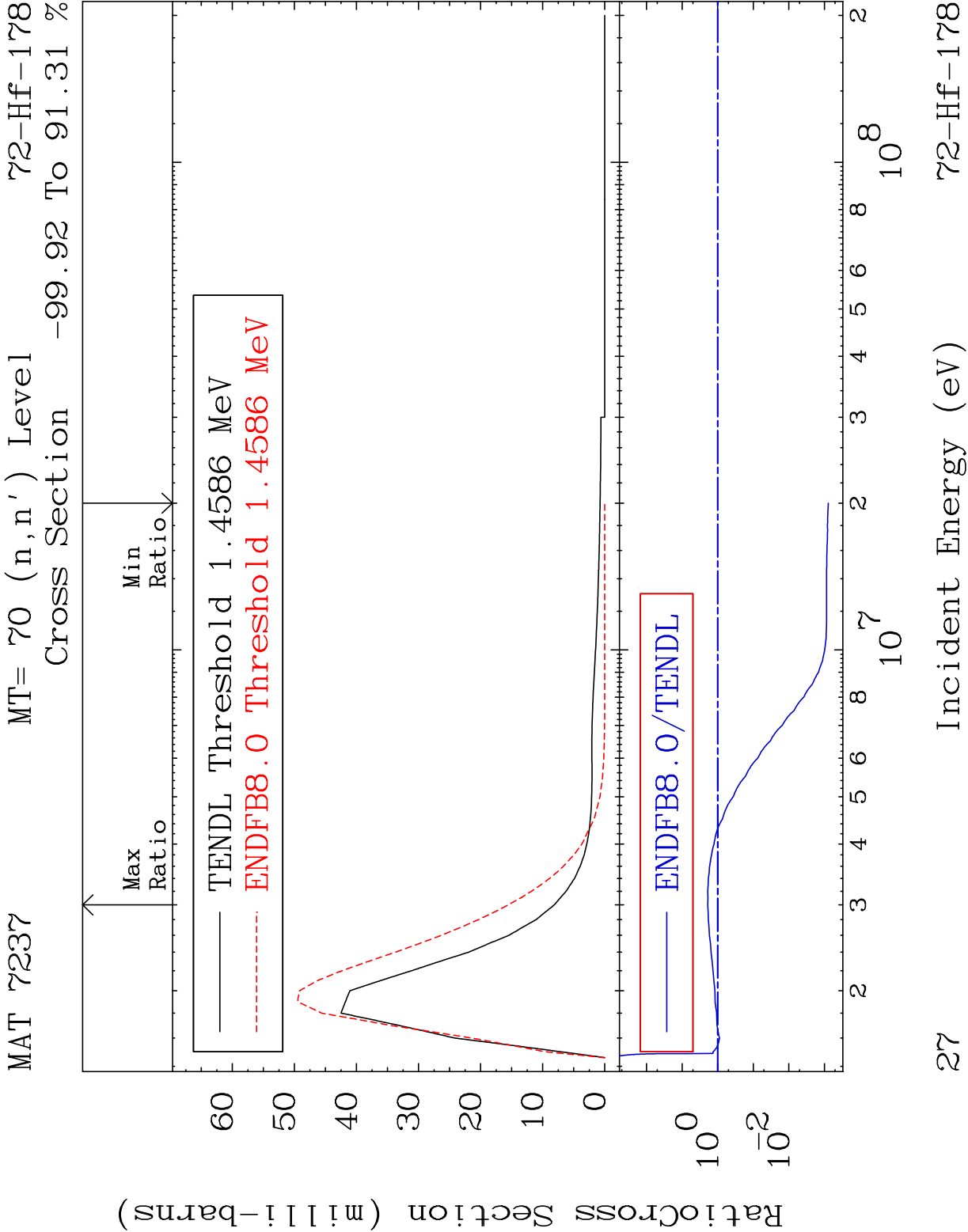
72-Hf-178

Cross Section

2.271 To 9999. %





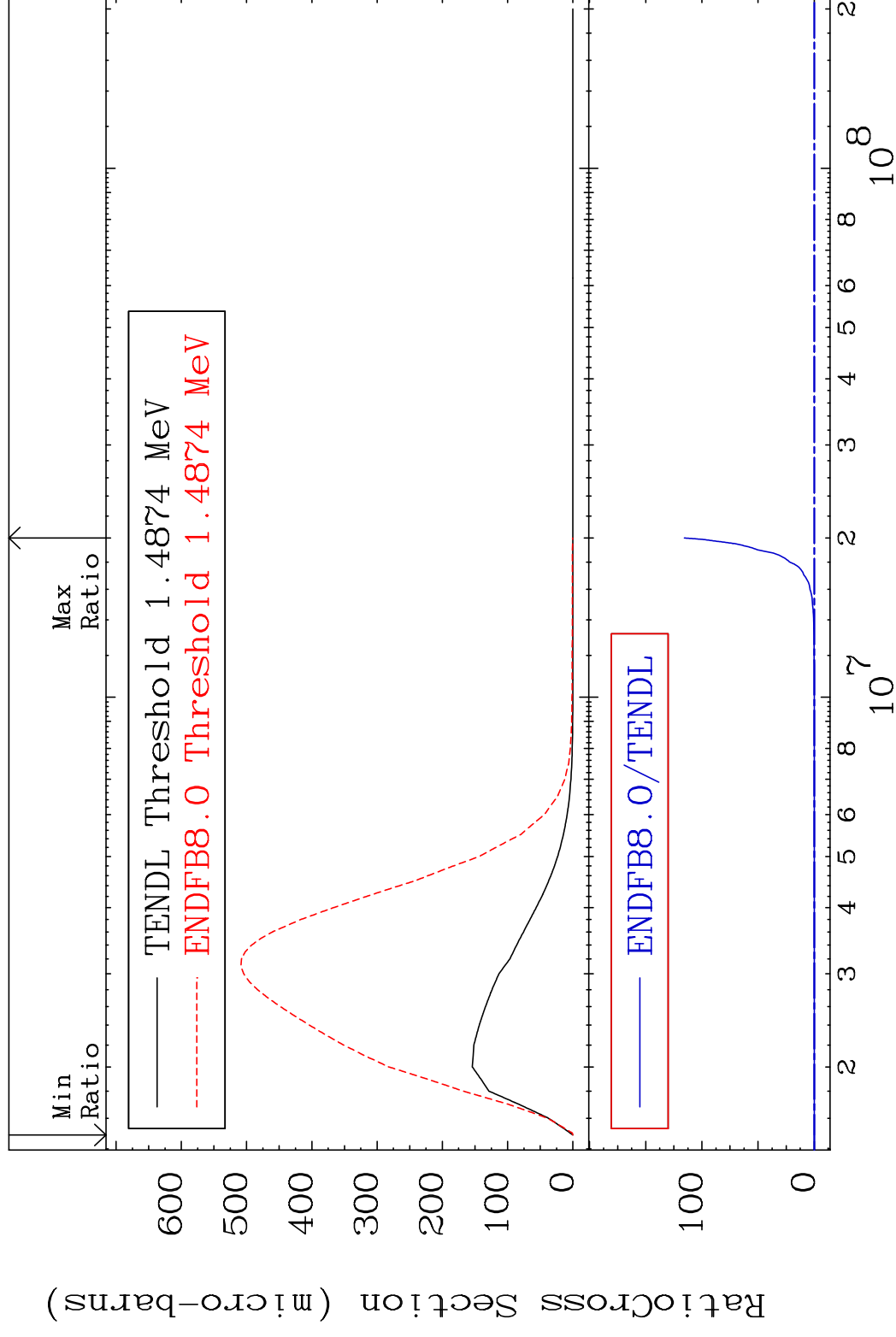


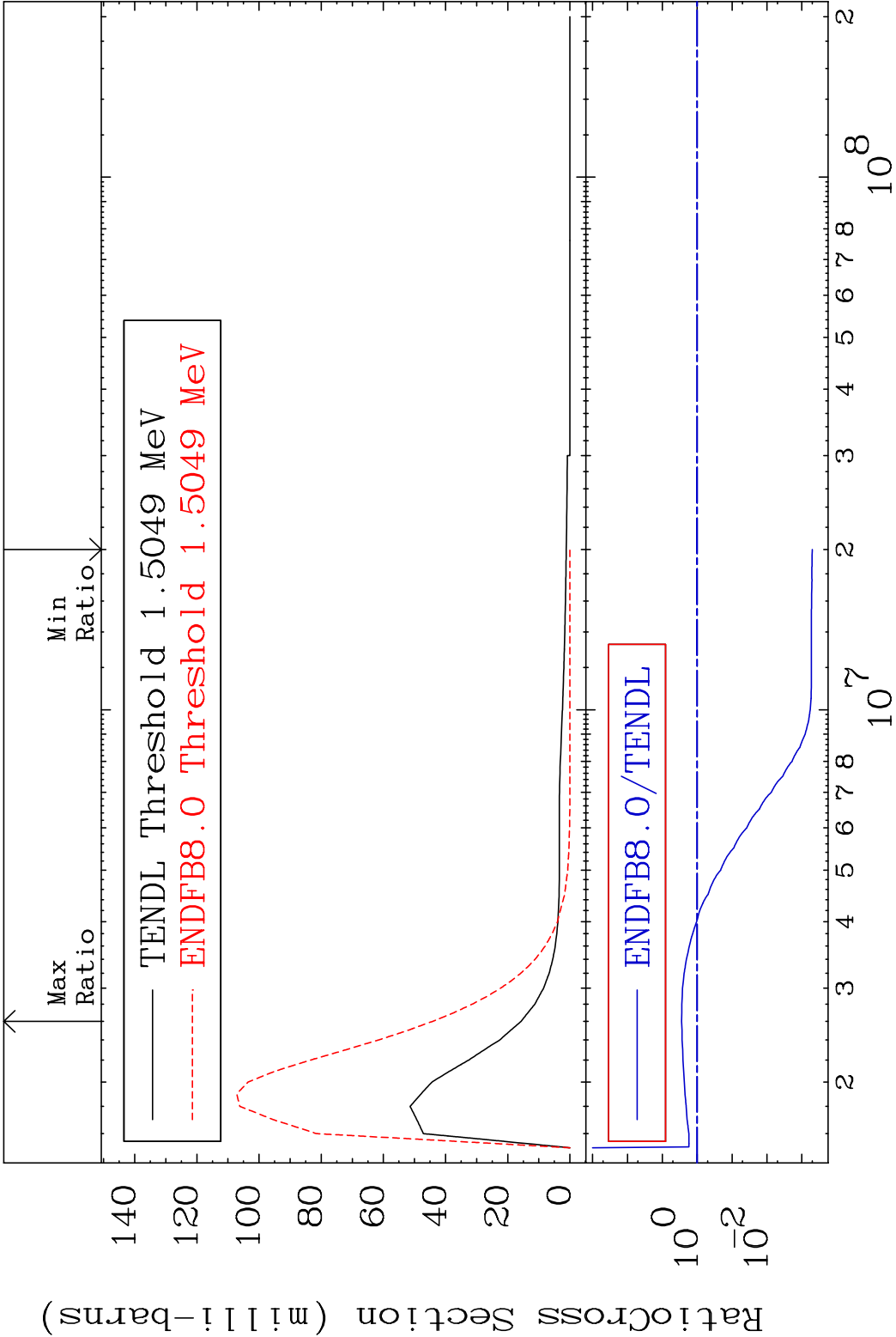
MAT 7237

MT=71 (n,n') Level

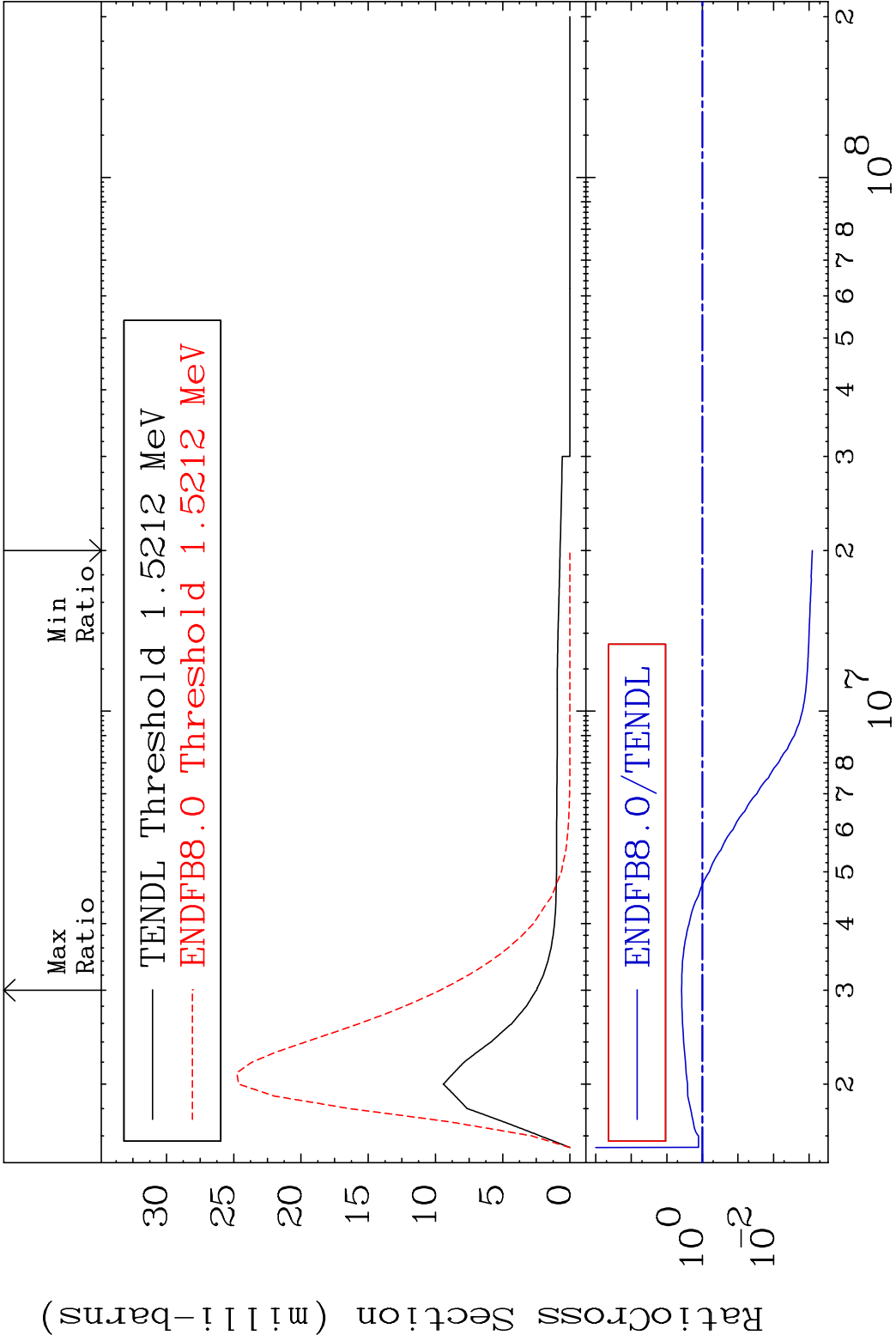
72-Hf-178

Cross Section -100.0 To 9999. %



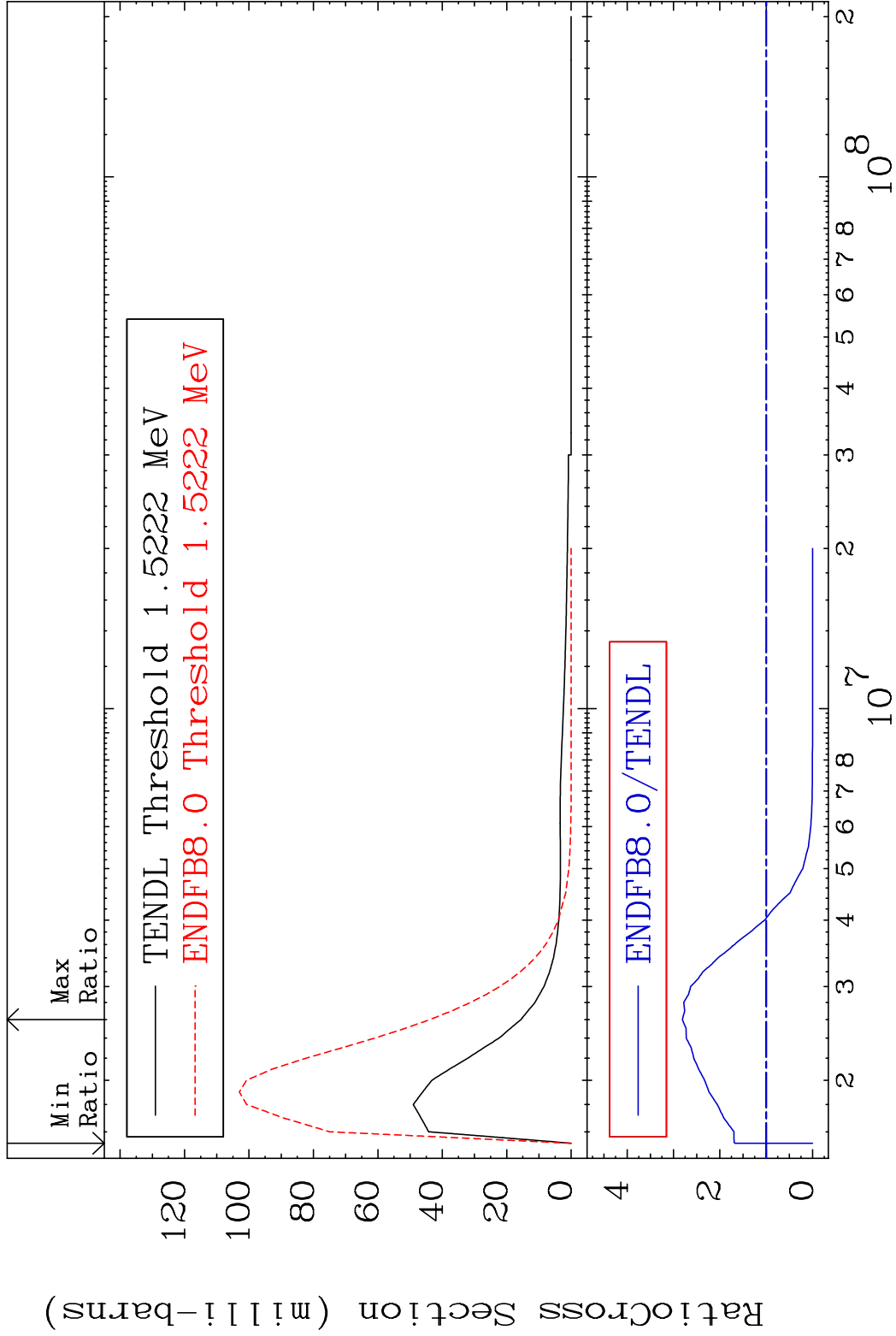


MAT 7237 MT= 73 (n,n') Level 72-Hf-178
Cross Section -99.92 To 286.4 %



30 Incident Energy (eV) 72-Hf-178

MAT 7237 MT= 74 (n,n') Level 72-Hf-178
Cross Section -100.0 To 181.0 %



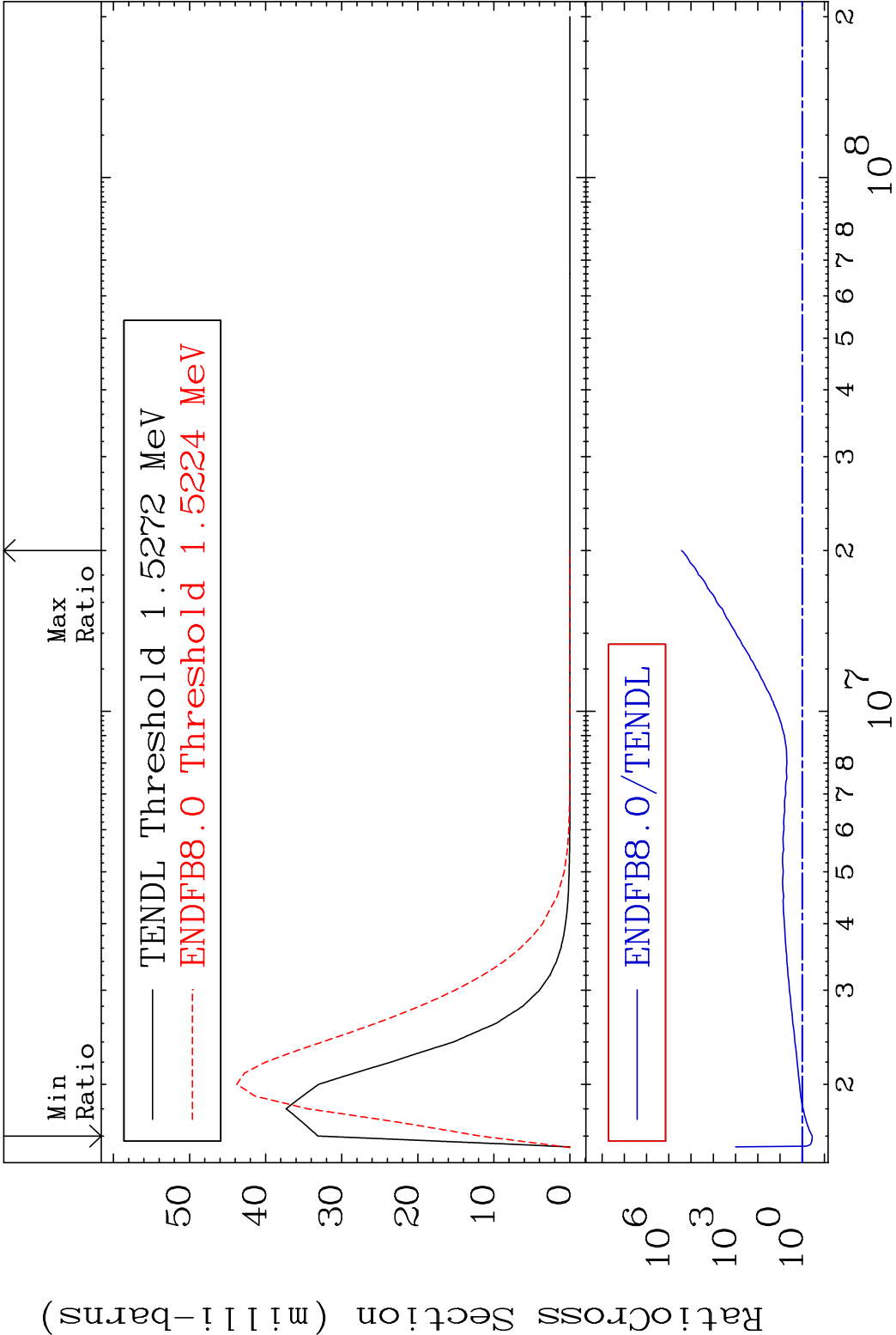
MAT 7237

MT= 75 (n,n') Level

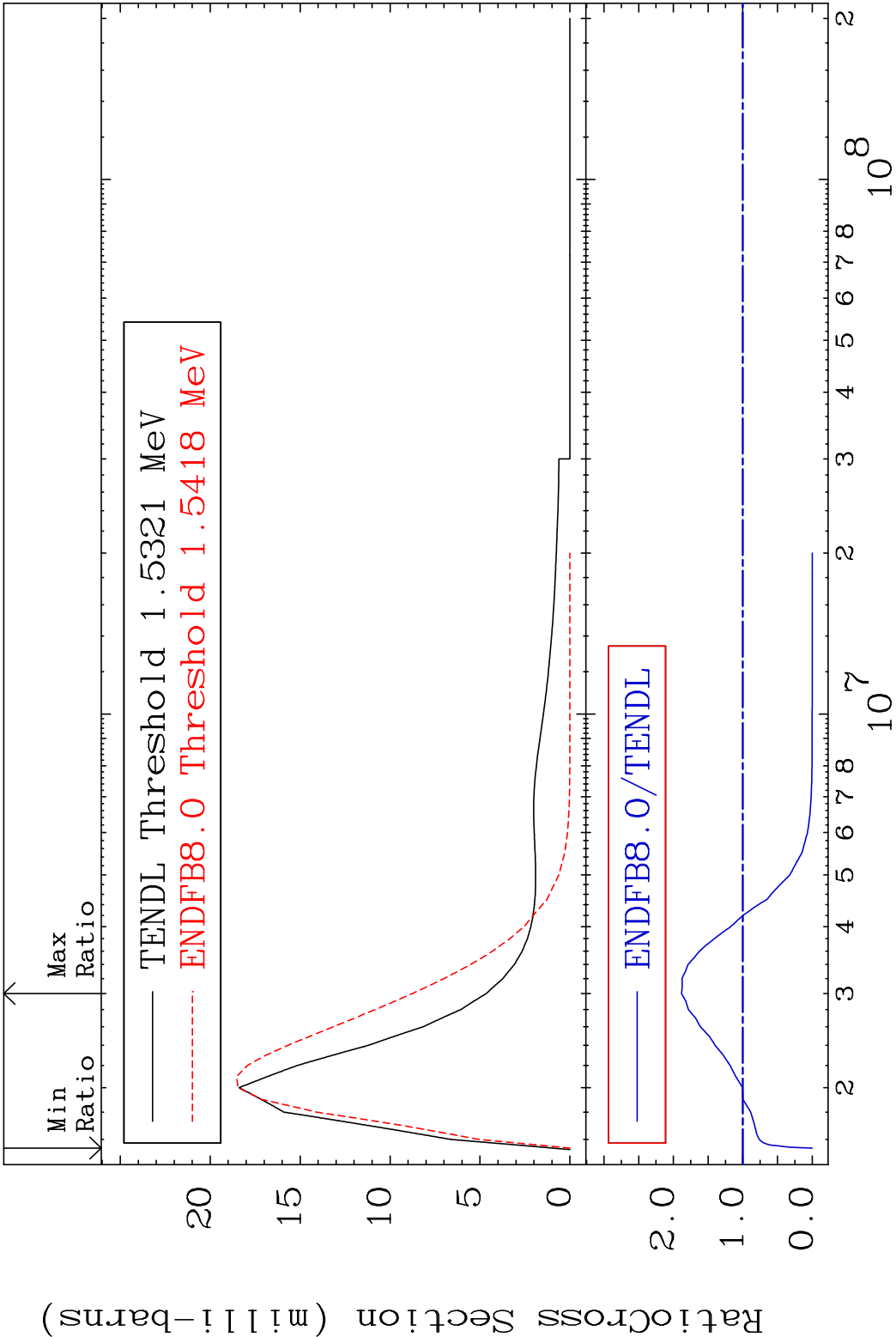
72-Hf-178

Cross Section

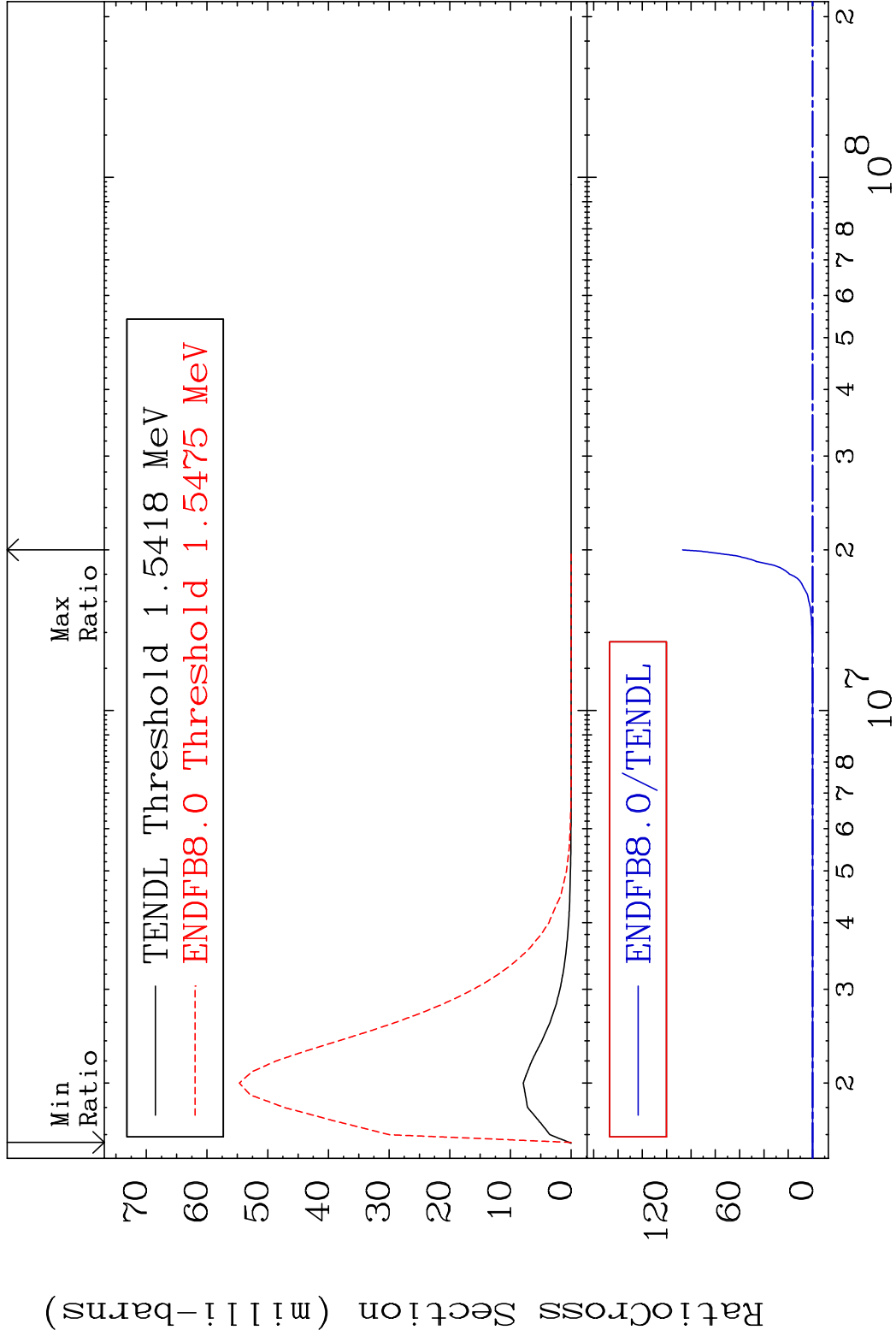
-64.35 To 9999. %



MAT 7237	MT= 76 (n,n')	Level	72-Hf-178
	Cross Section	-100.0 To 88.25 %	



MAT 7237 MT= 77 (n,n') Level 72-Hf-178
Cross Section -100.0 To 9999. %



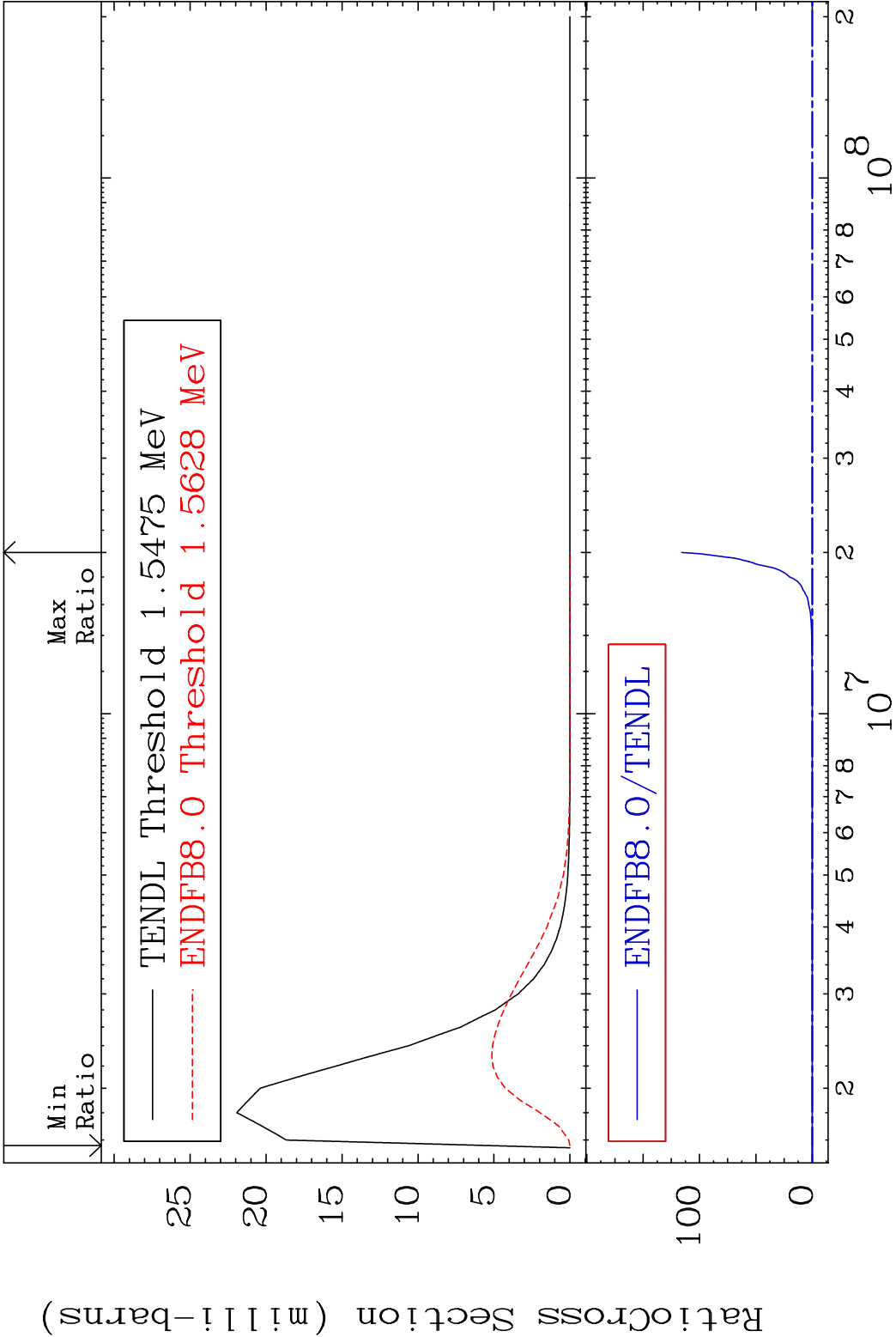
MAT 7237

MT= 78 (n,n') Level

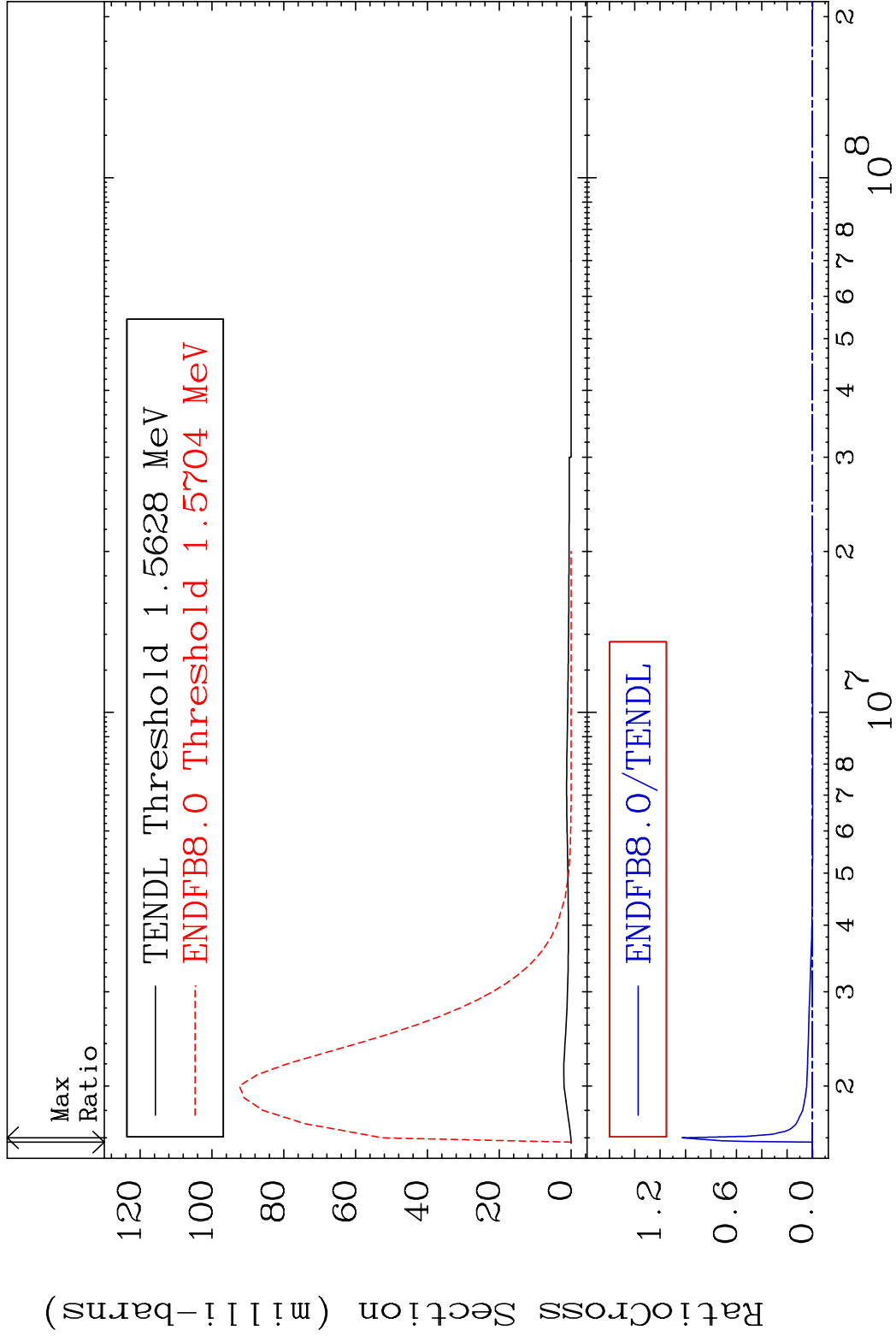
72-Hf-178

Cross Section

-100.0 To 9999. %



MAT 7237 MT= 79 (n,n') Level 72-Hf-178
Cross Section -100.0 To 9999. %



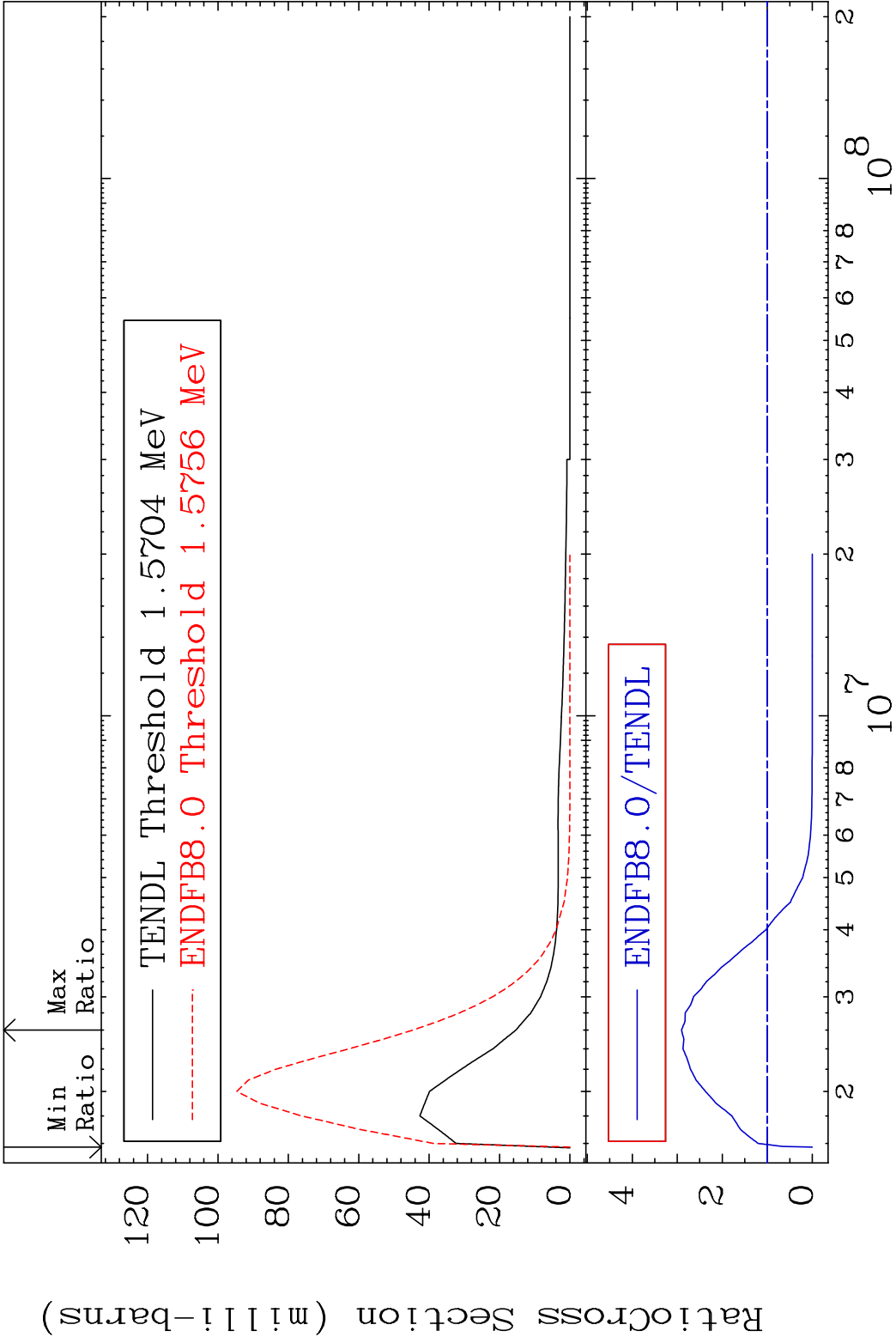
MAT 7237

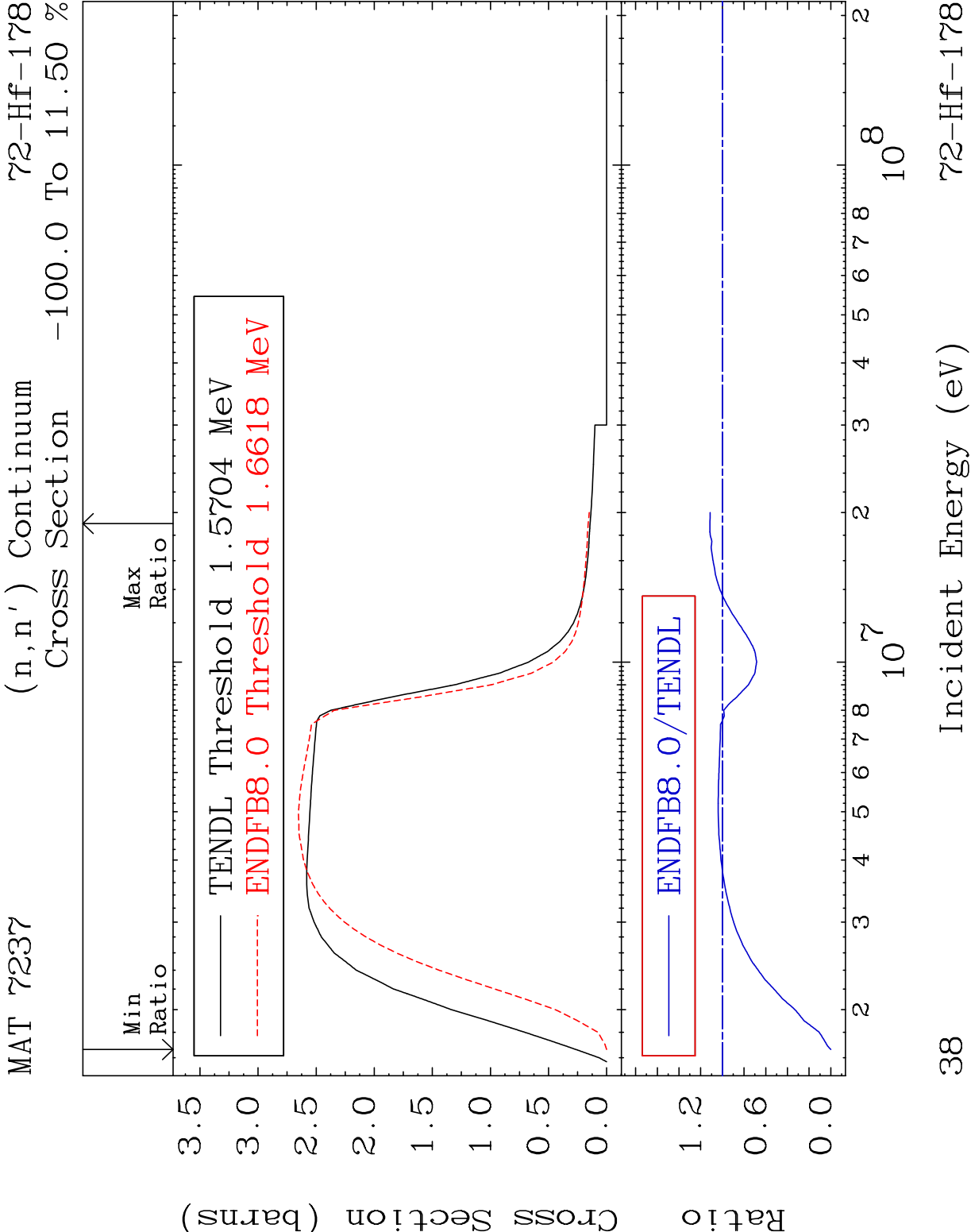
MT= 80 (n,n') Level

72-Hf-178

Cross Section

-100.0 To 190.5 %



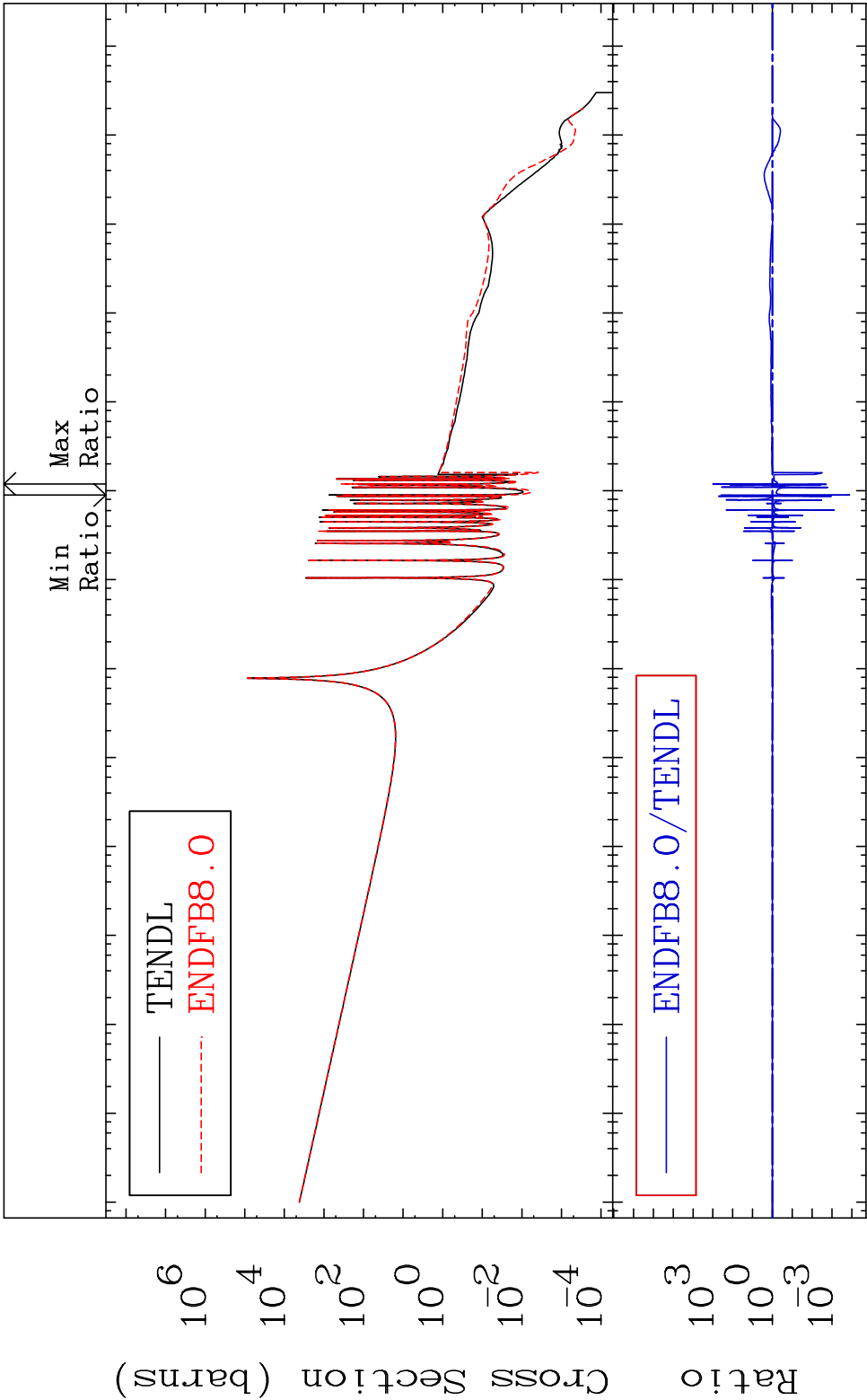


MAT 7237

(n, γ)

72-Hf-178

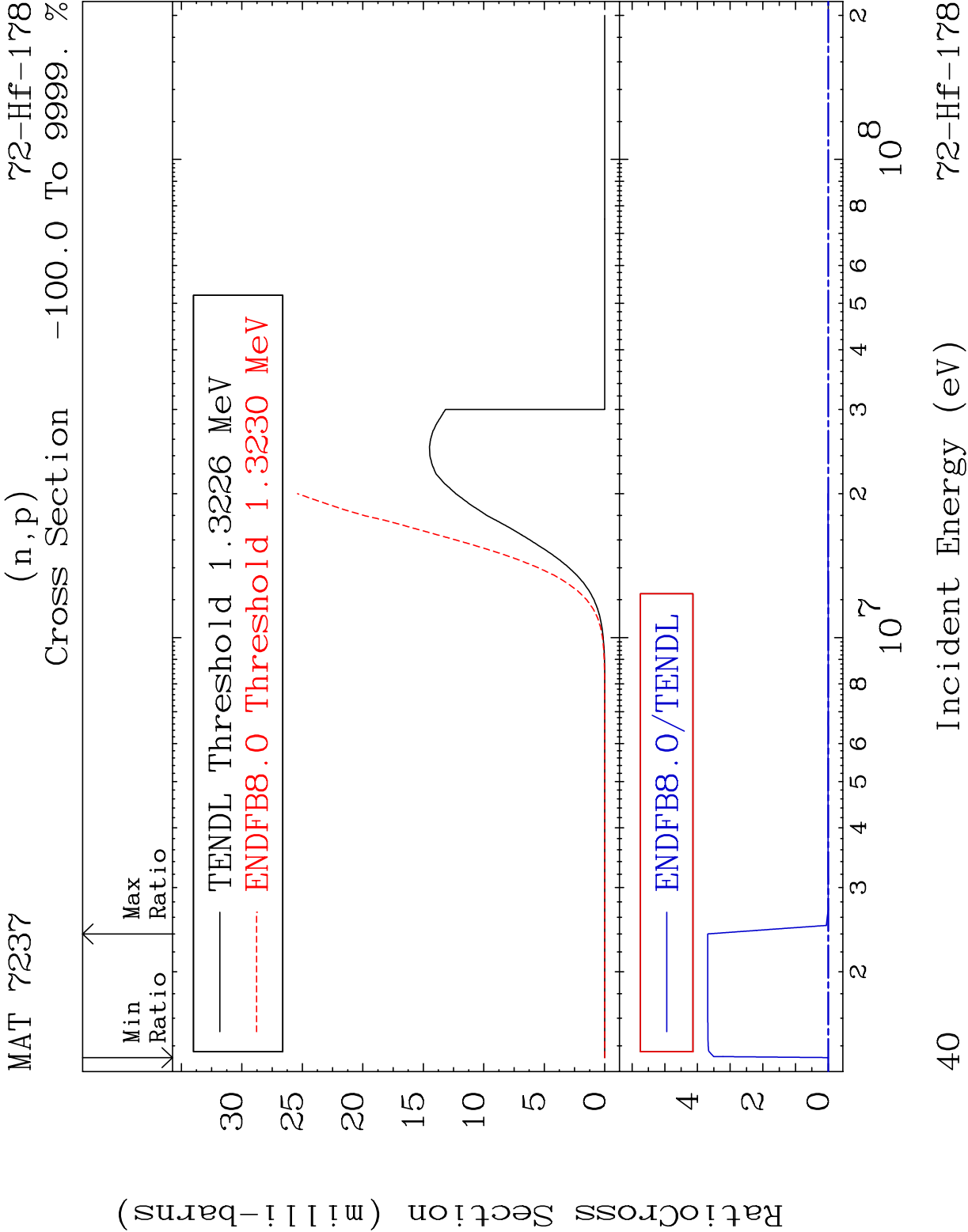
Cross Section -99.99 To 9999. %

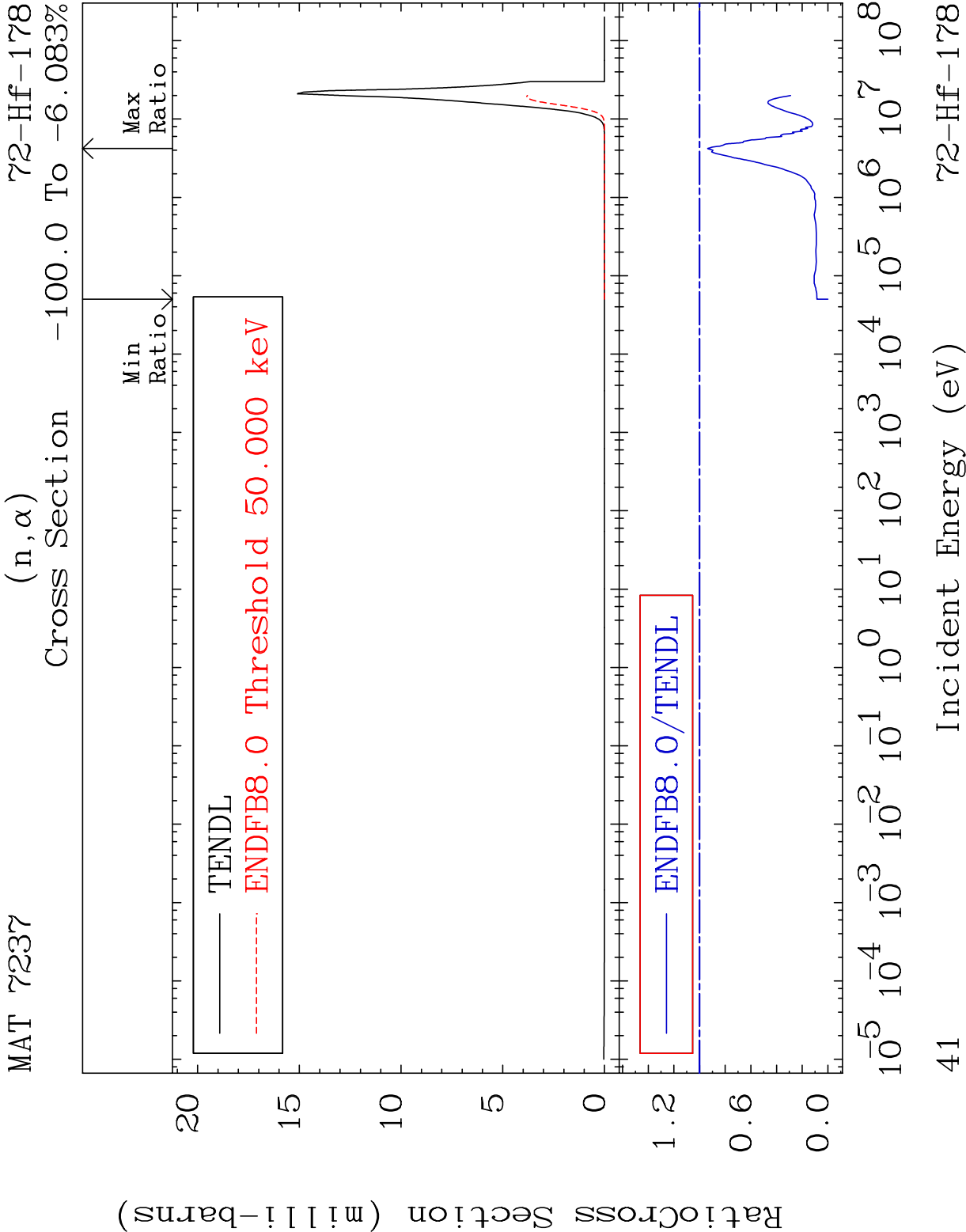


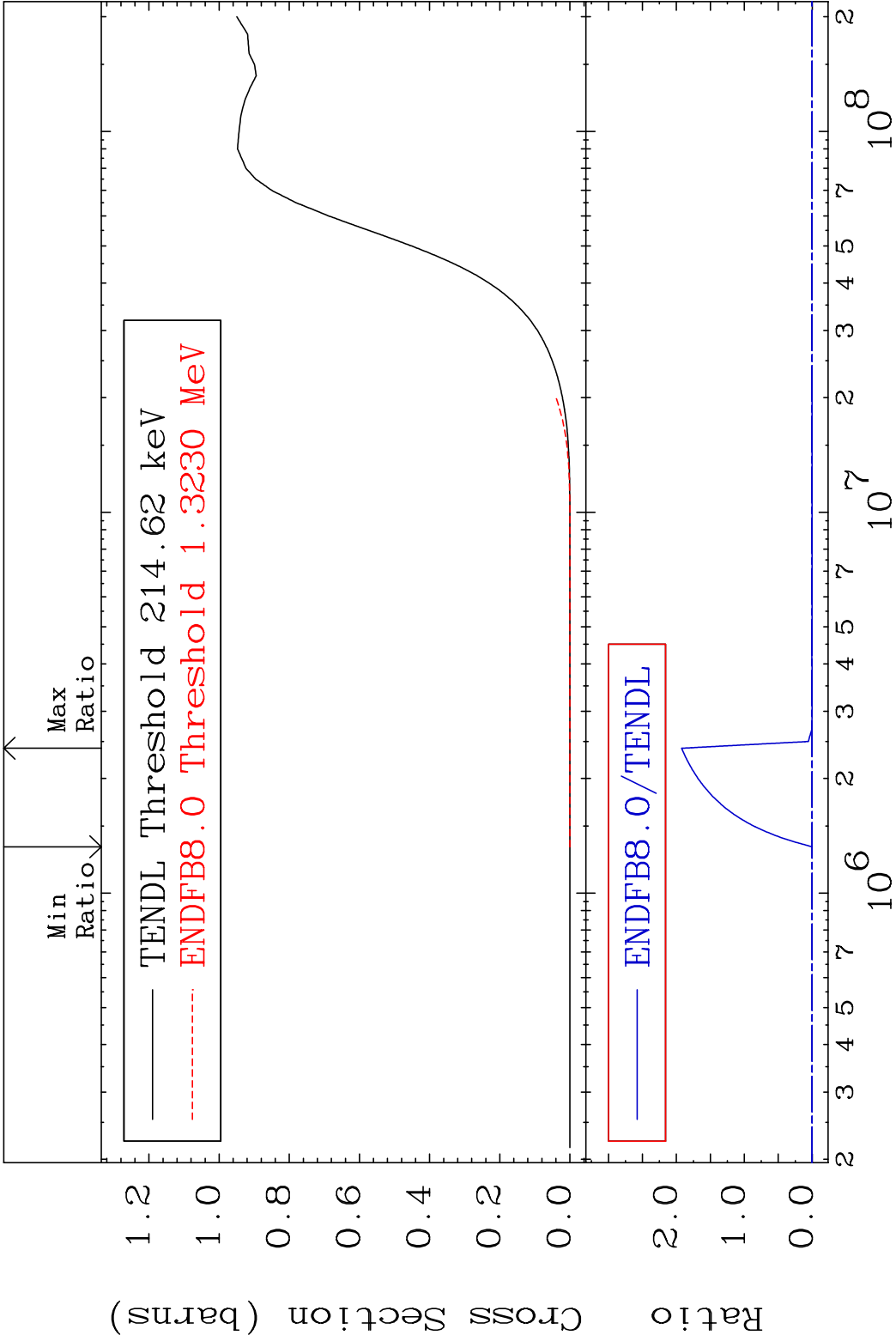
39

Incident Energy (eV)

72-Hf-178





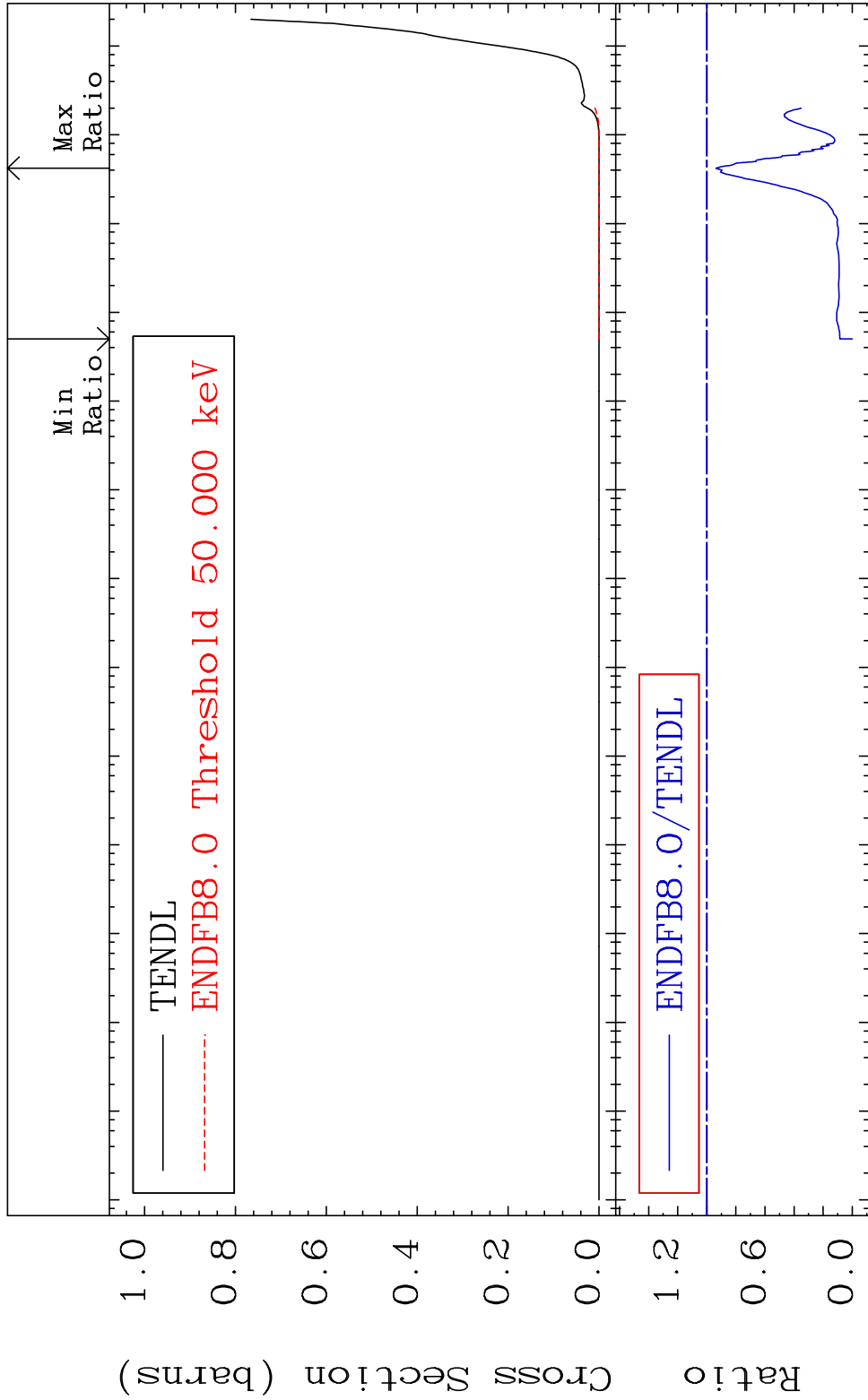


MAT 7237

He-4 Production

72-Hf-178

Cross Section -100.0 To -6.083%

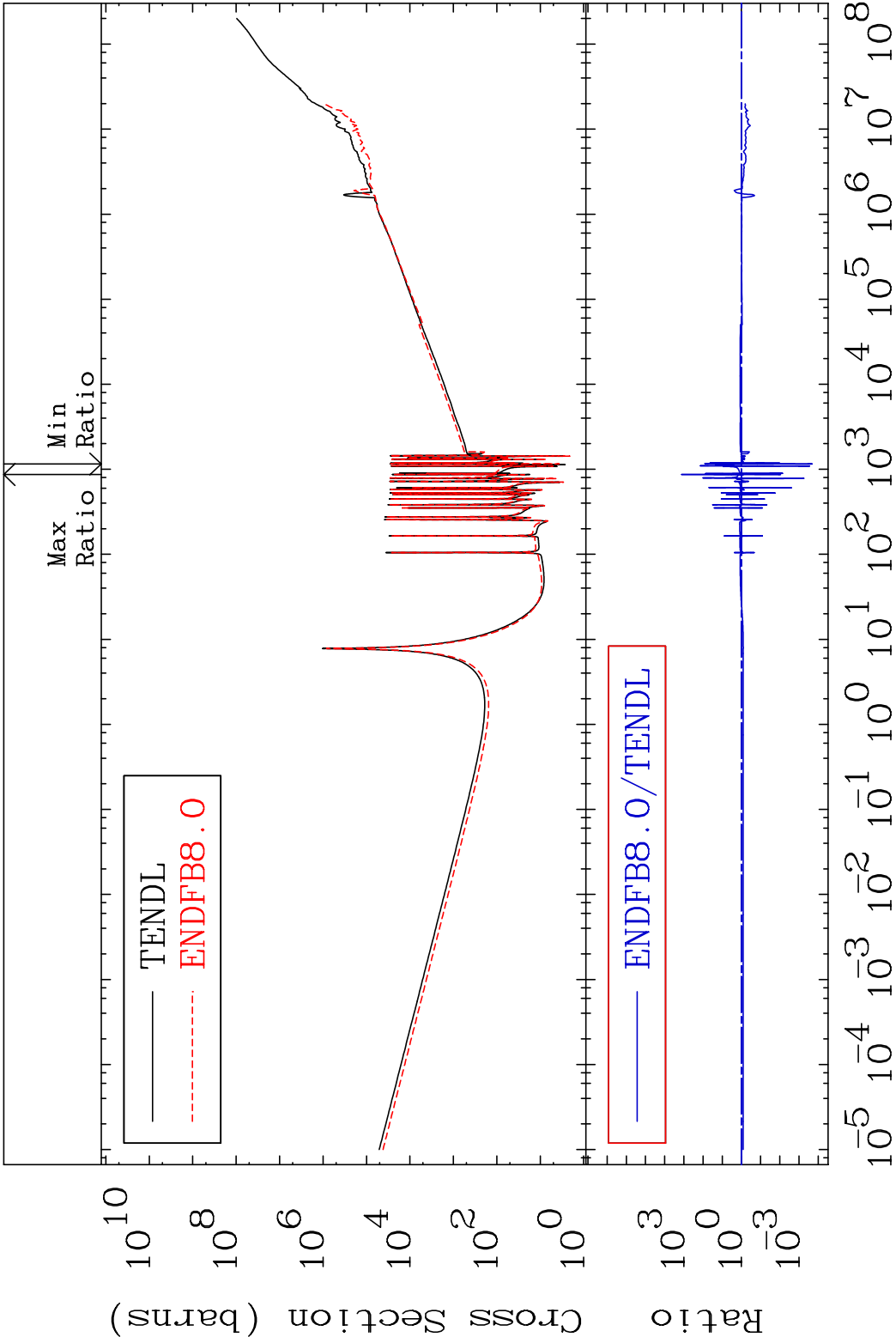


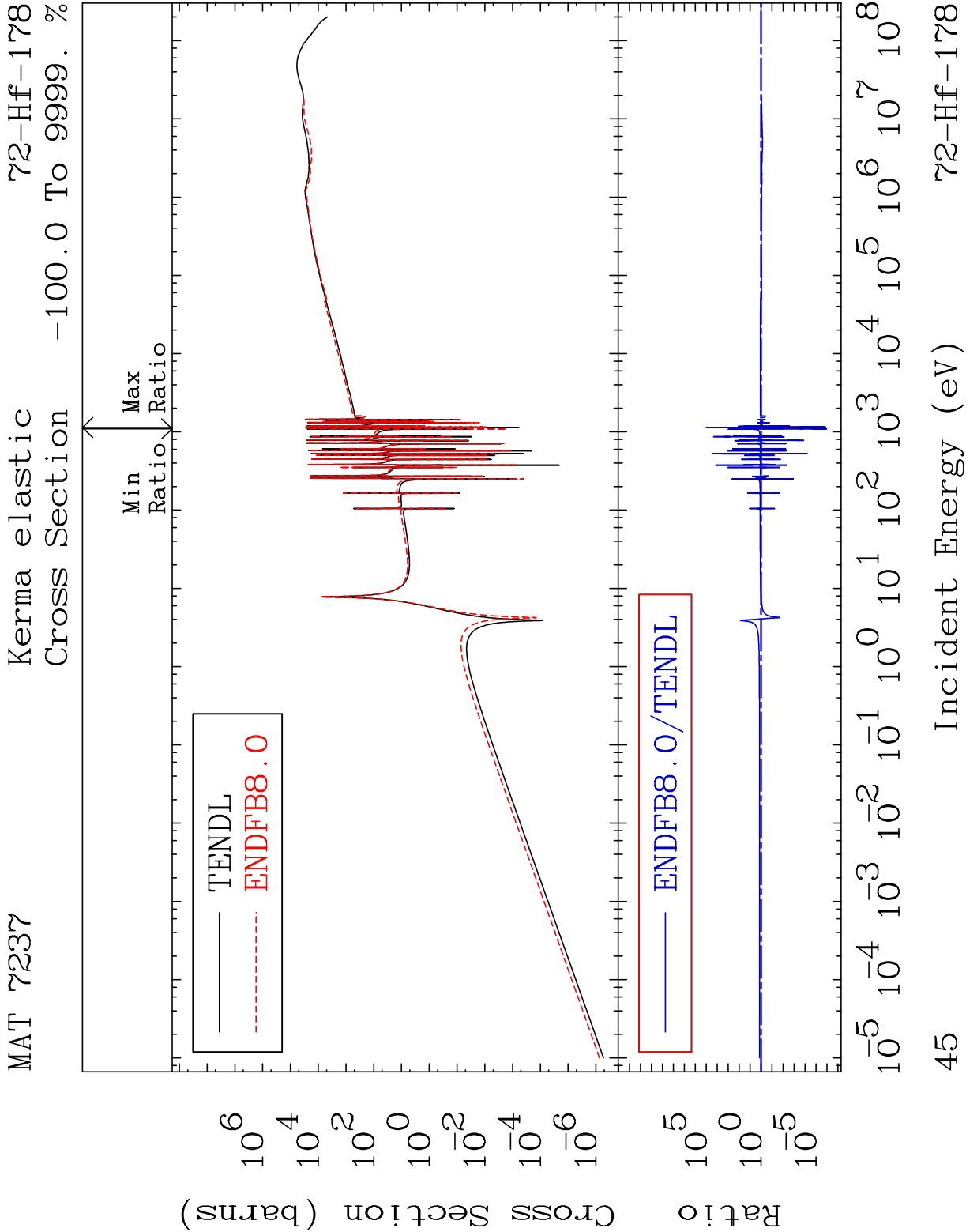
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

43

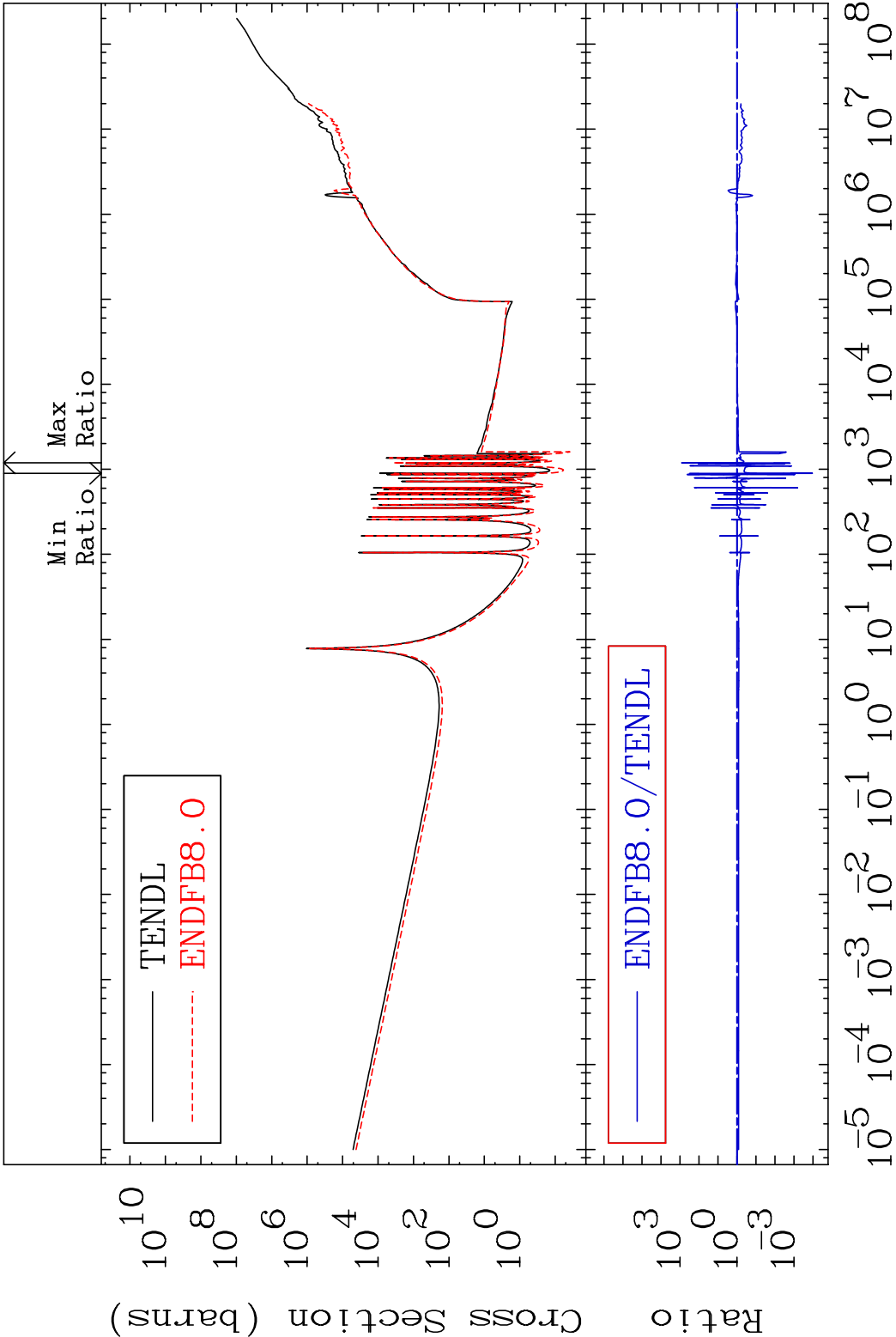
Incident Energy (eV)

72-Hf-178

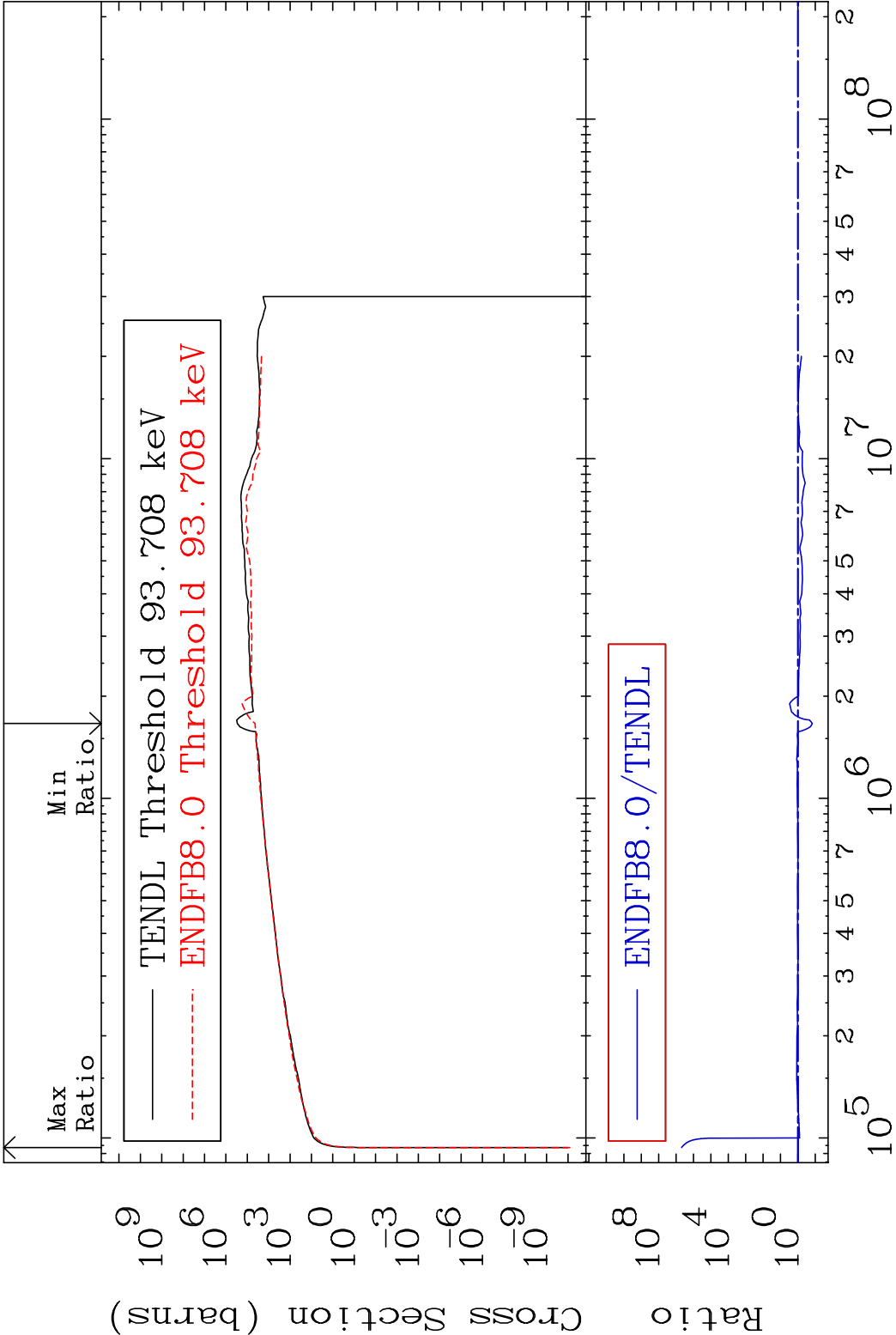




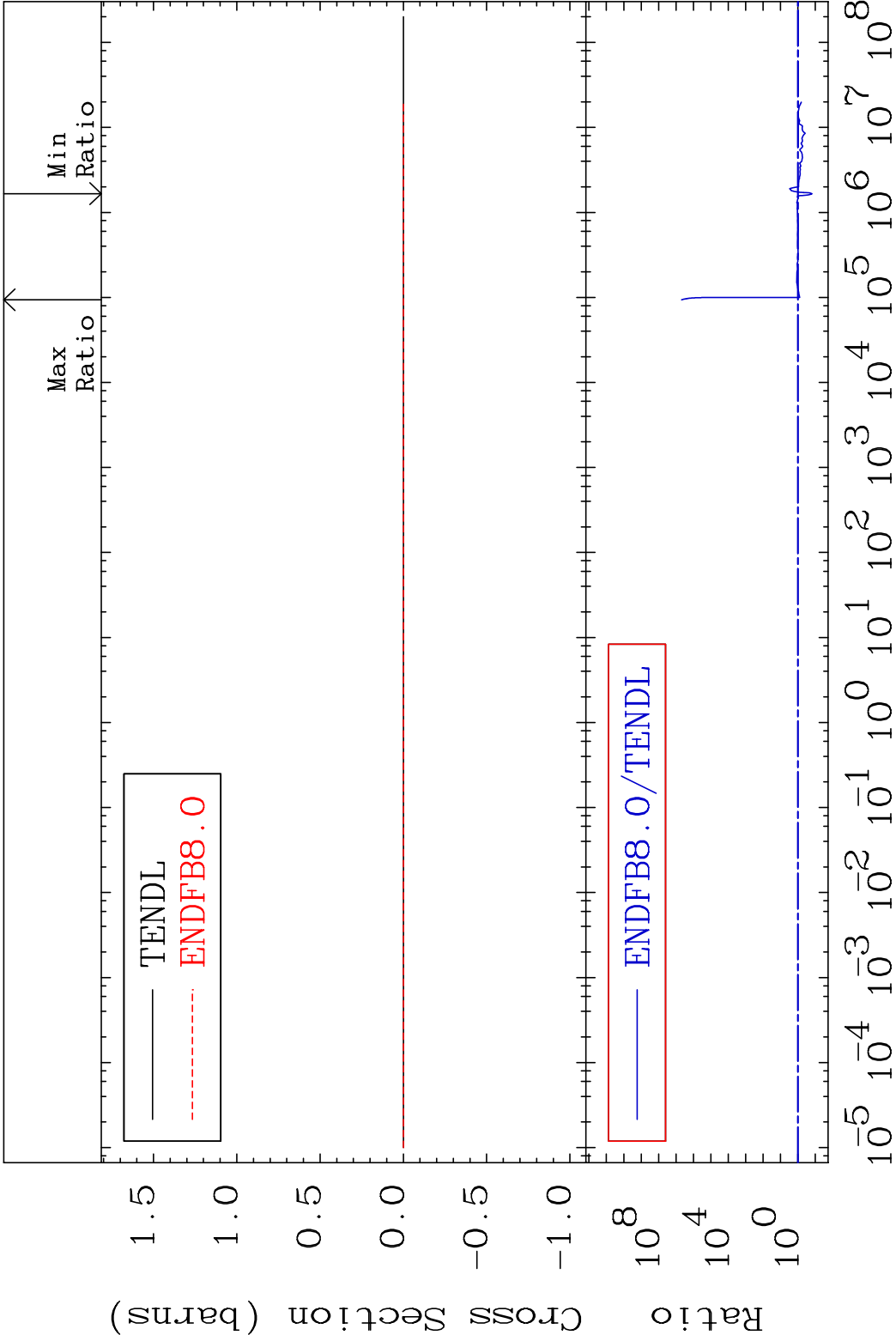
MAT 7237 Kerma non-elastic (all but mt2) 72-Hf-178
Cross Section -99.99 To 9999. %

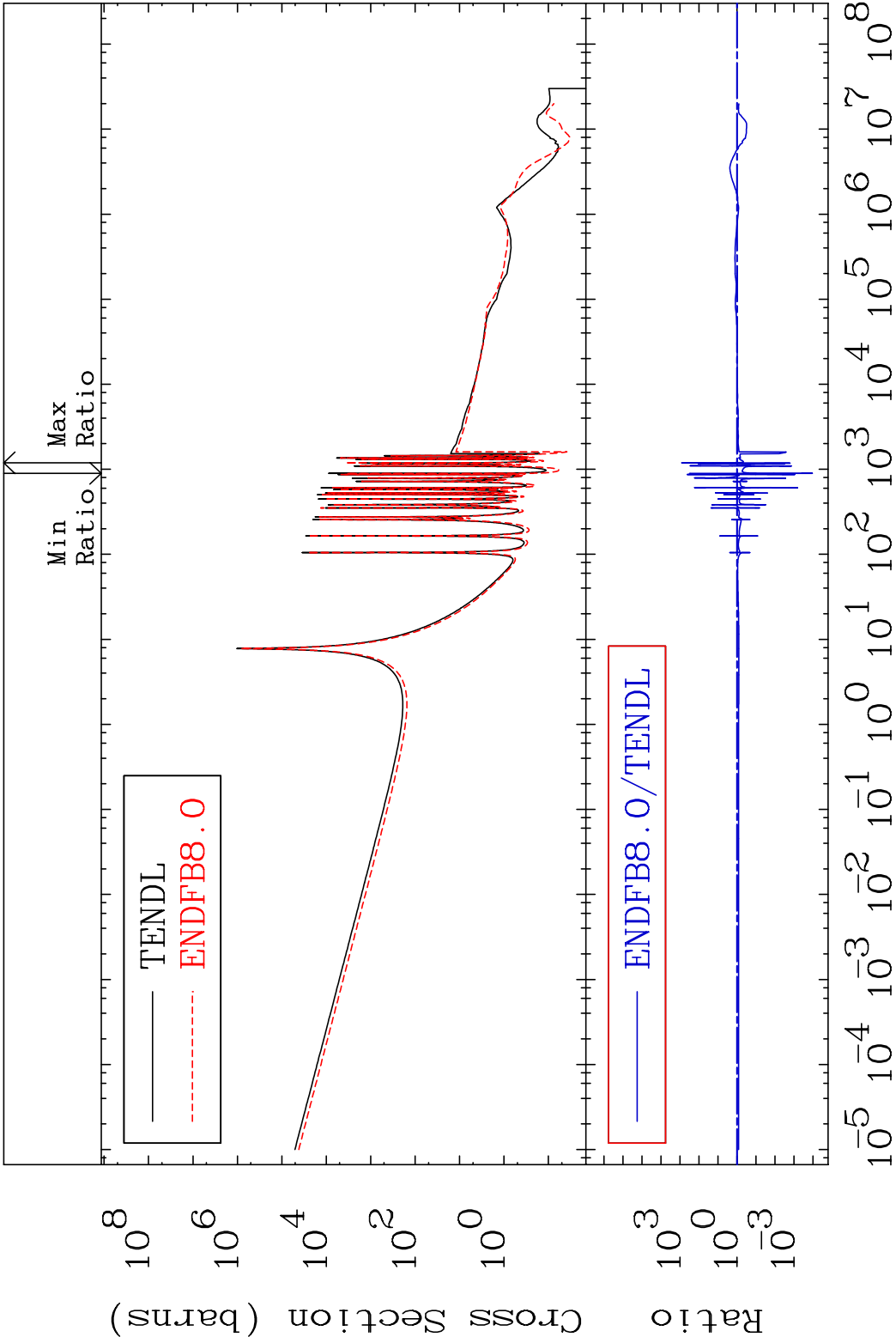


46 Incident Energy (eV) 72-Hf-178

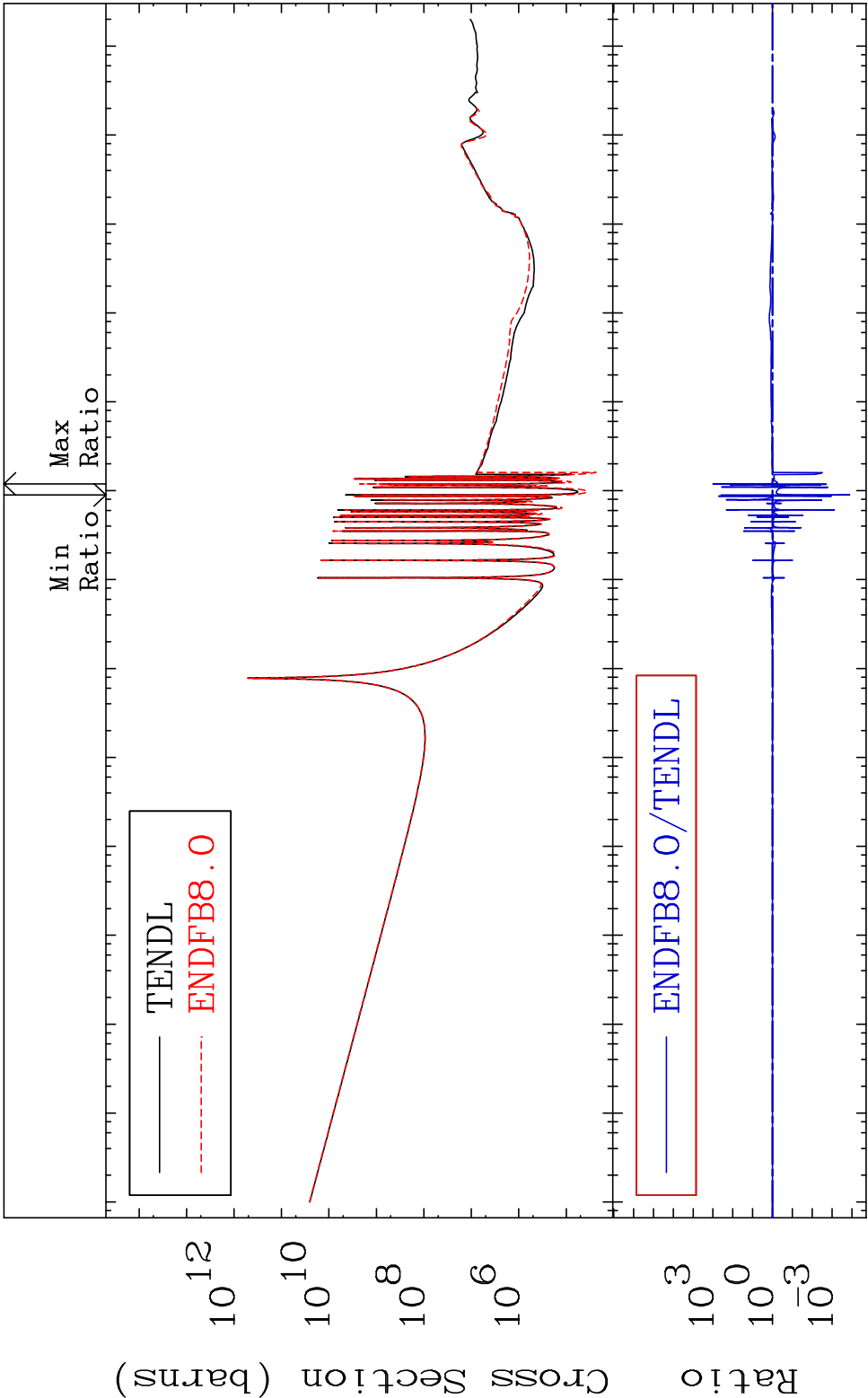


MAT 7237 Kerma fission (mt18 or mt19-20-21-38)72-Hf-178
Cross Section -85.01 To 9999. %



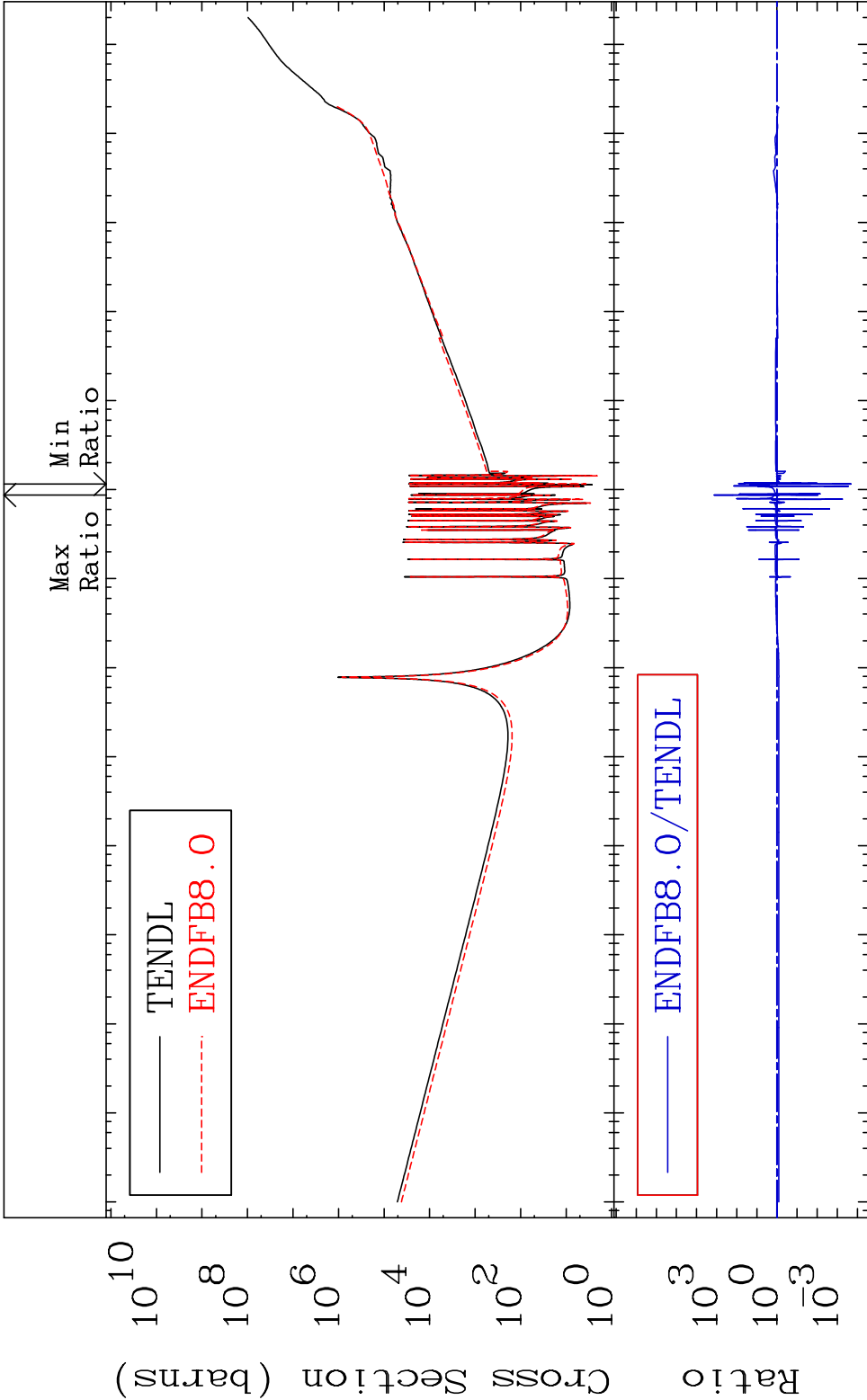


MAT 7237 Total photon (eV-barns) 72-Hf-178
Cross Section -99.99 To 9999. %

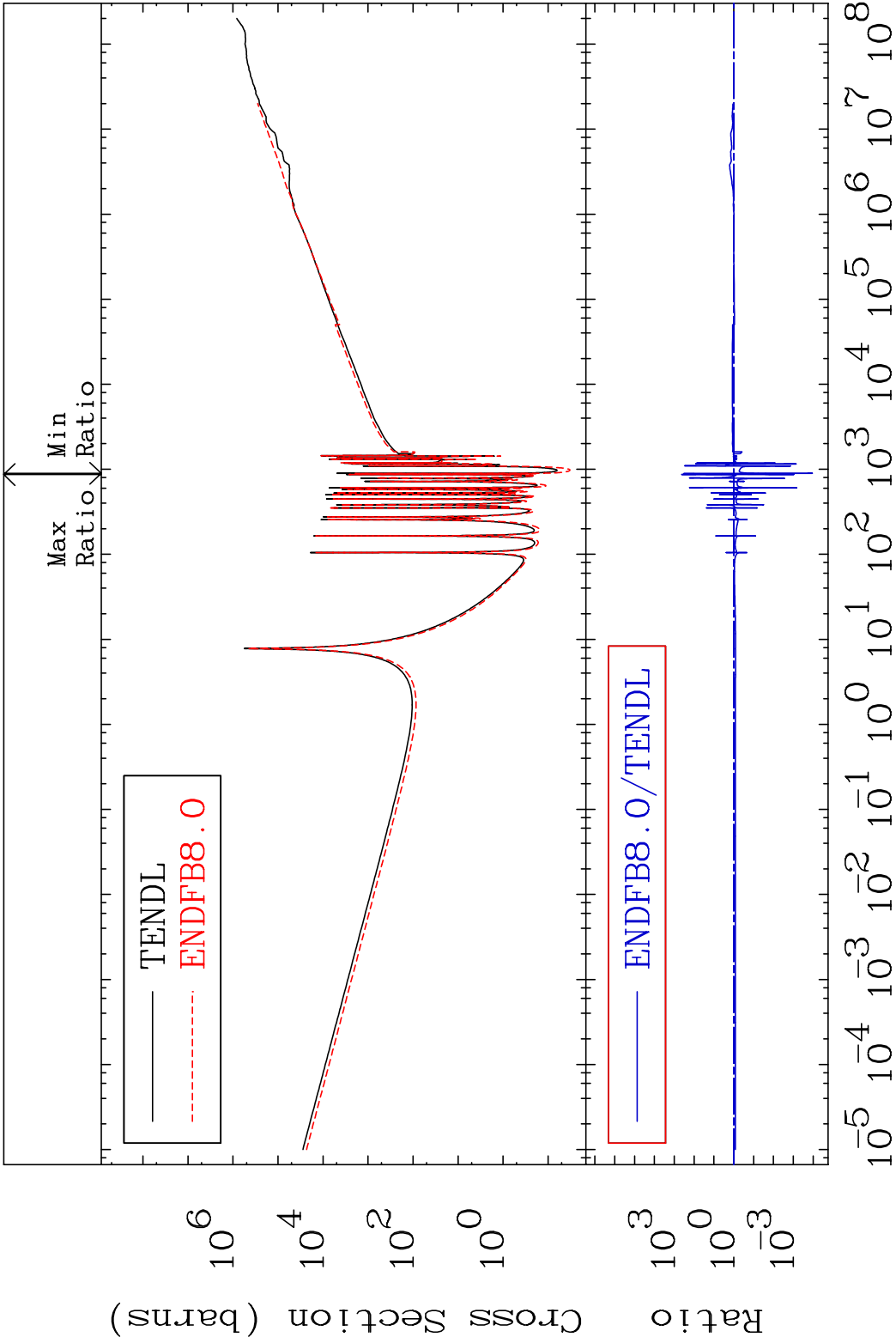


50 Incident Energy (eV) 72-Hf-178

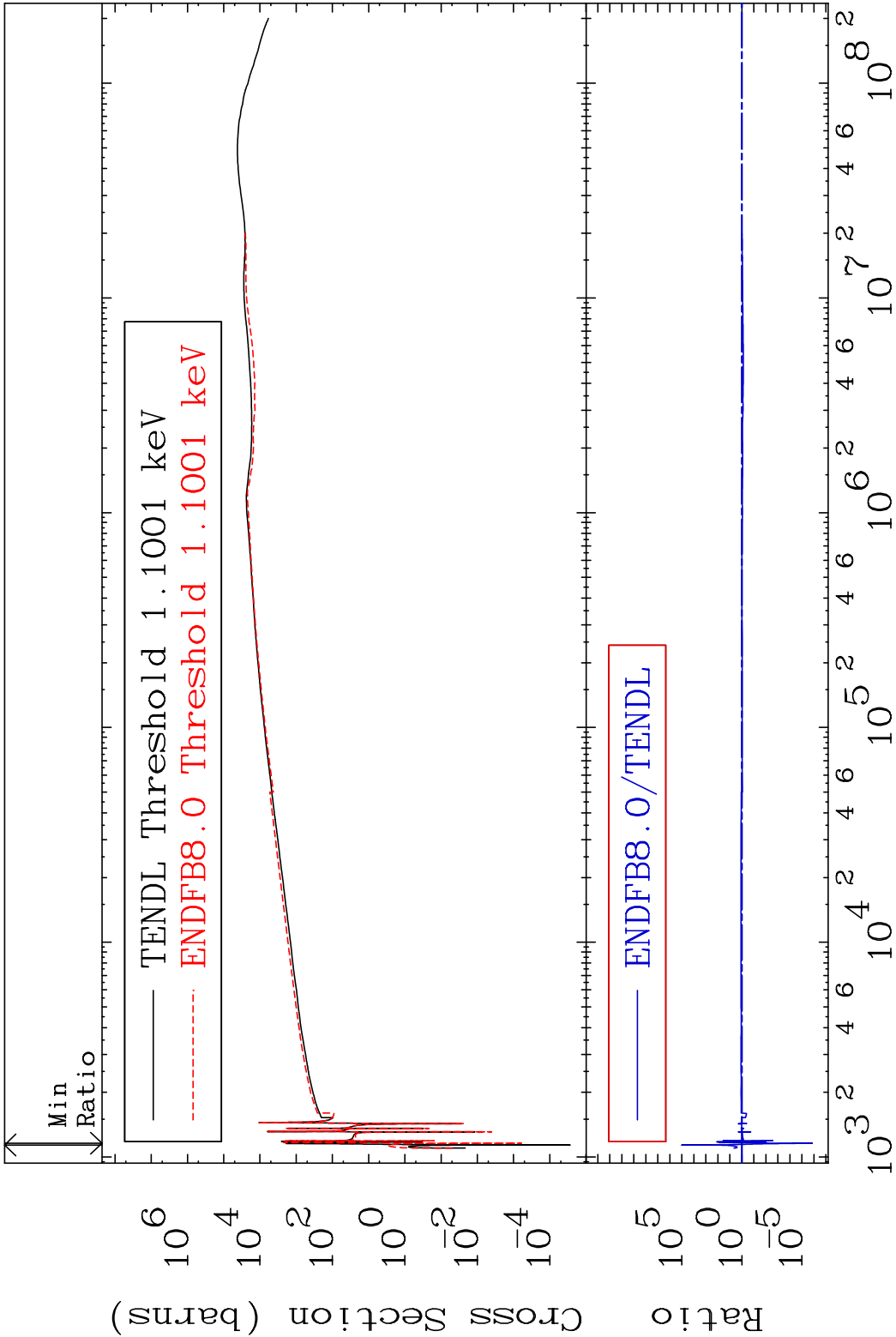
MAT 7237 Total kinematic kerma (high limit) 72-Hf-178
Cross Section -99.98 To 9999. %



MAT 7237 Dpa total (eV-barns) 72-Hf-178
Cross Section -99.99 To 9999. %



MAT 7237 Dpa elastic (mt2) 72-Hf-178
Cross Section -100.0 To 9999. %



53 Incident Energy (eV) 72-Hf-178

