

Program Complot
(Version 2021-1)

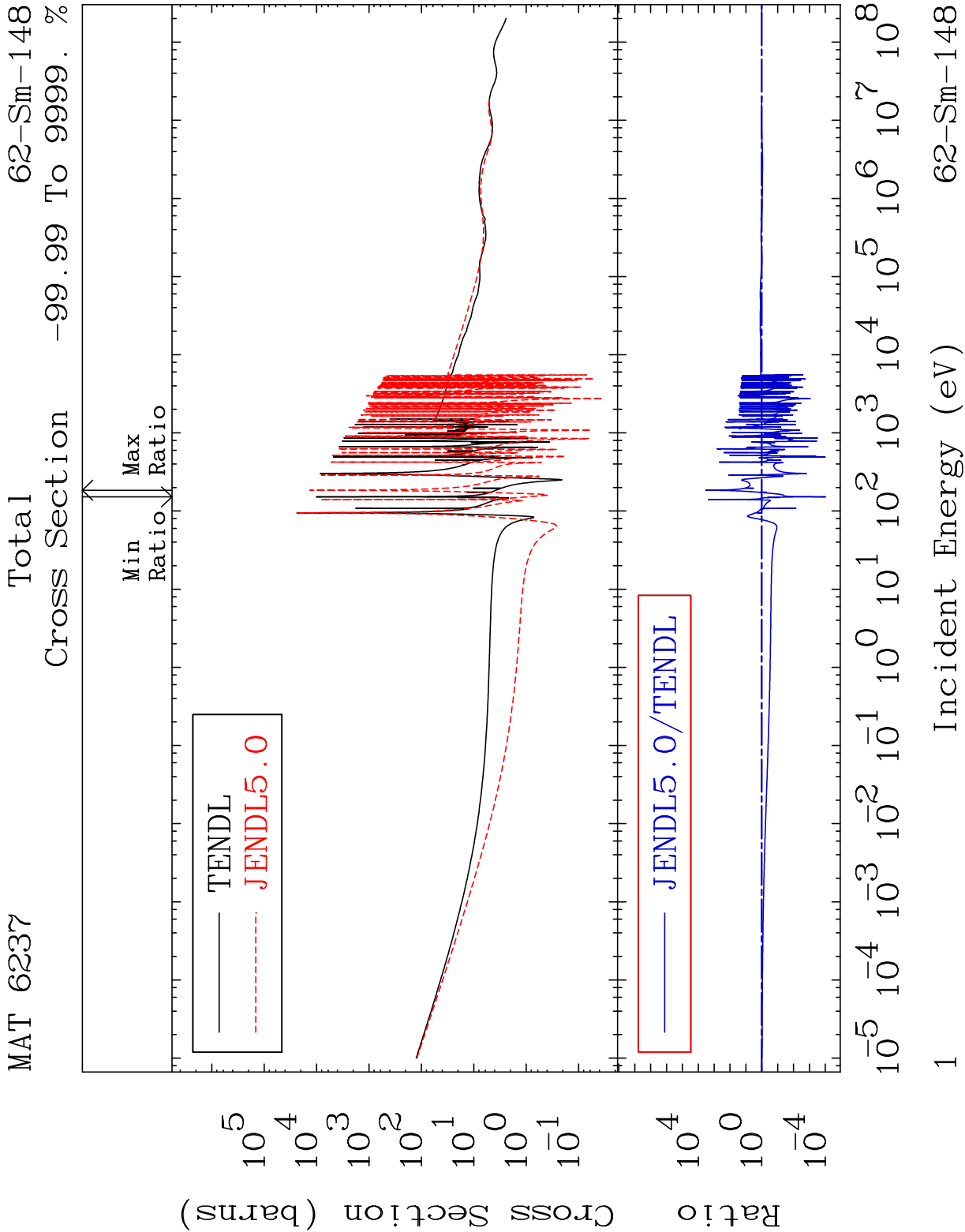
by

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(Present Contact Information)

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Press Mouse Button to Start

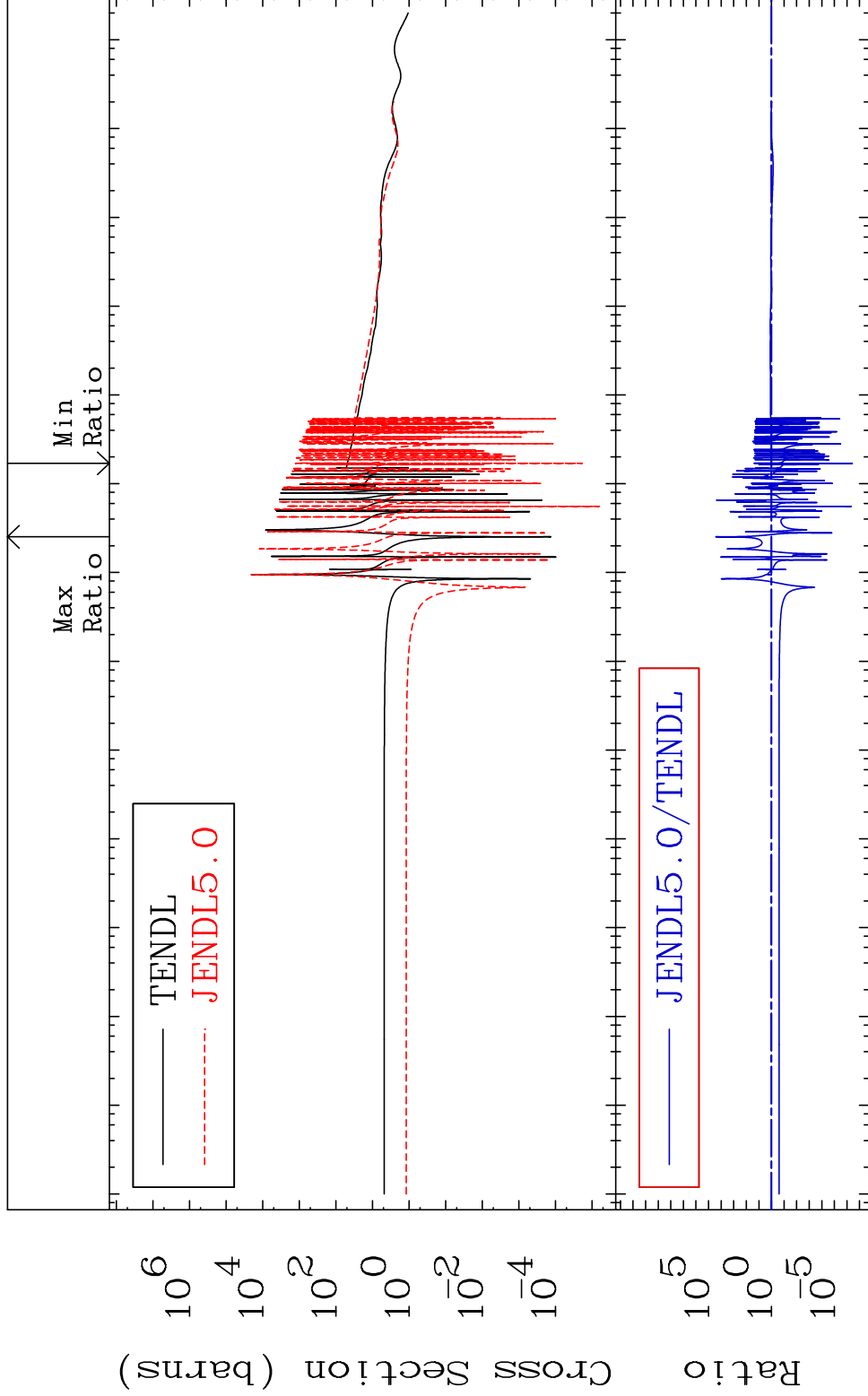


MAT 6237

Elastic

62-Sm-148

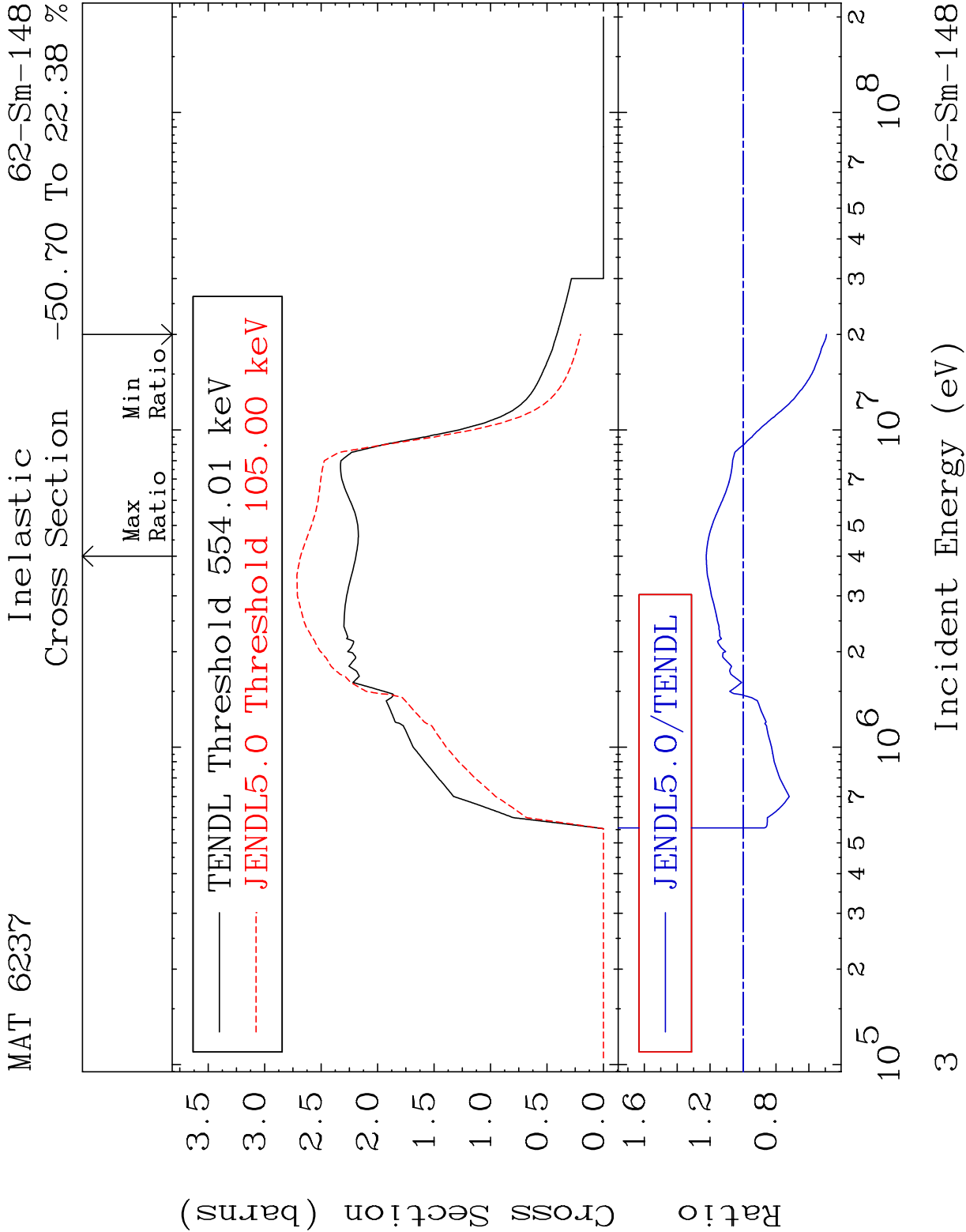
Cross Section -100.0 To 9999. %

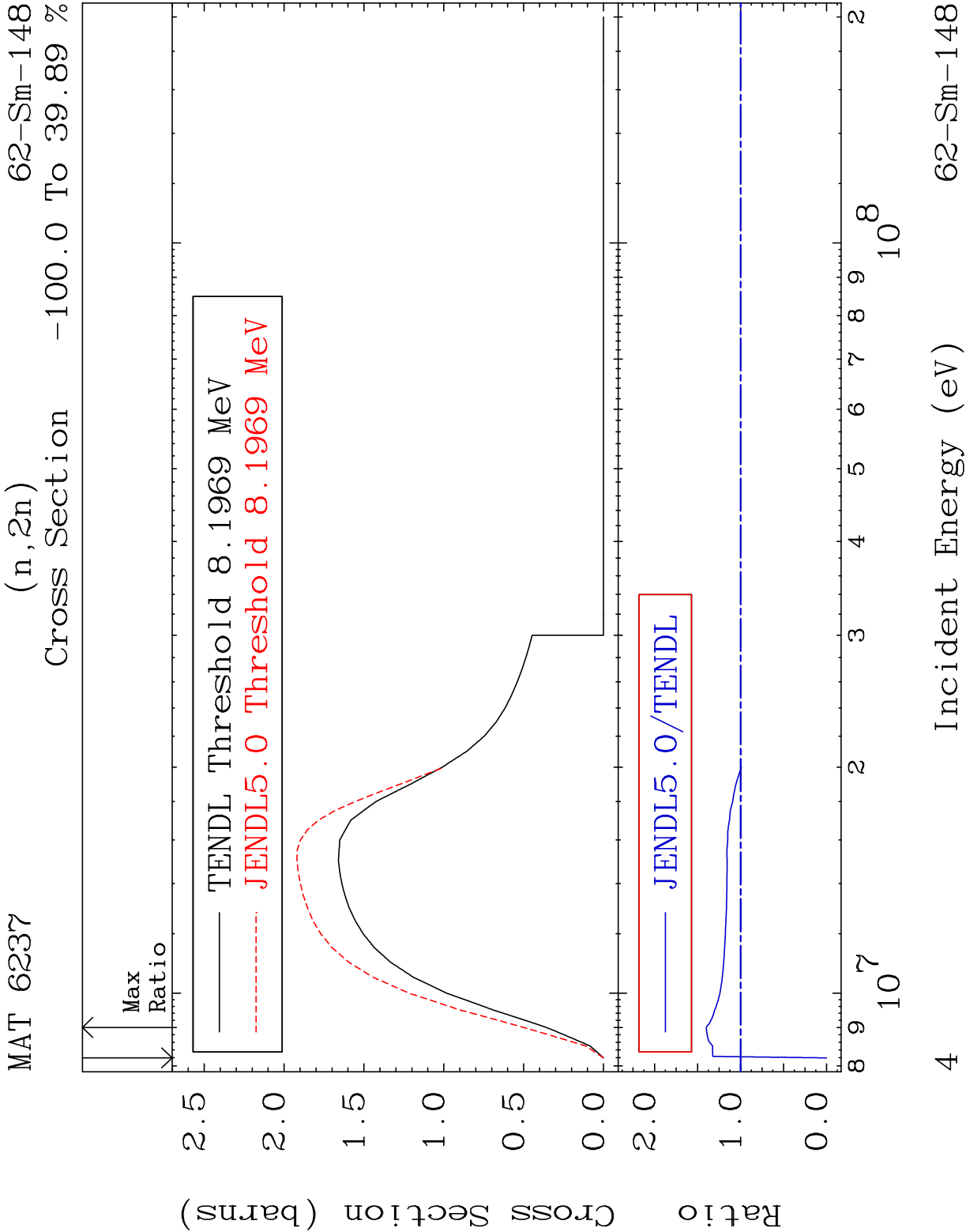


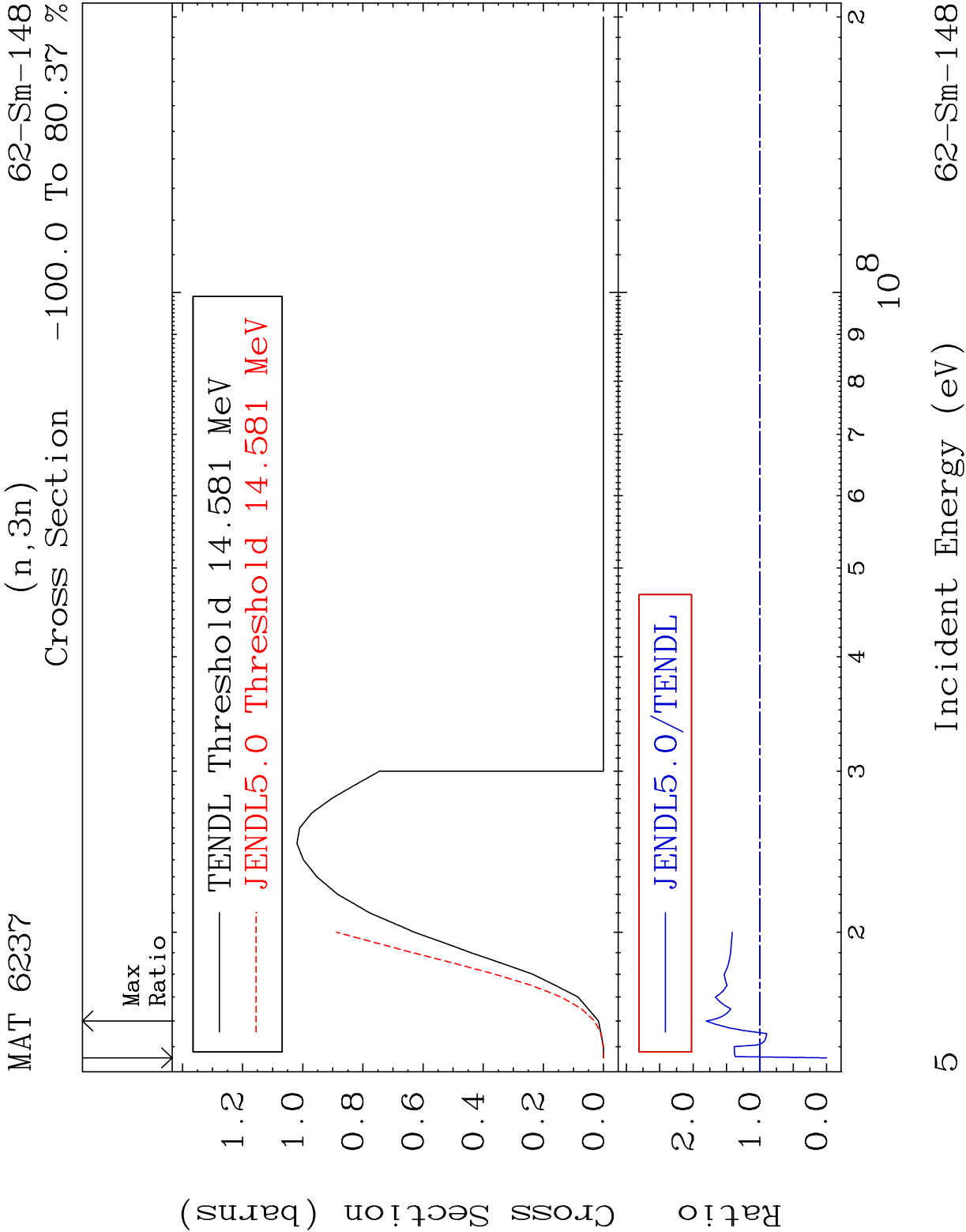
2

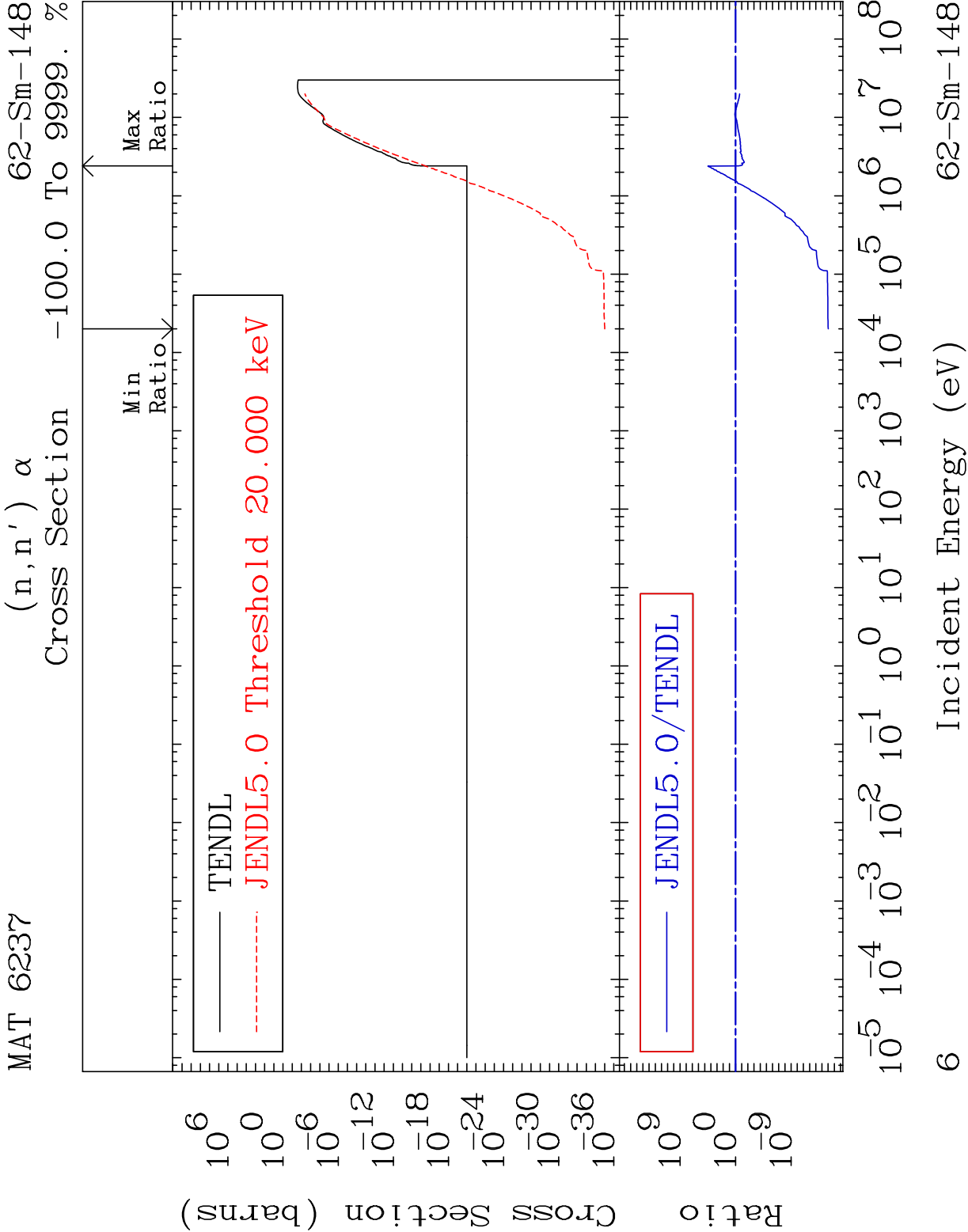
Incident Energy (eV)

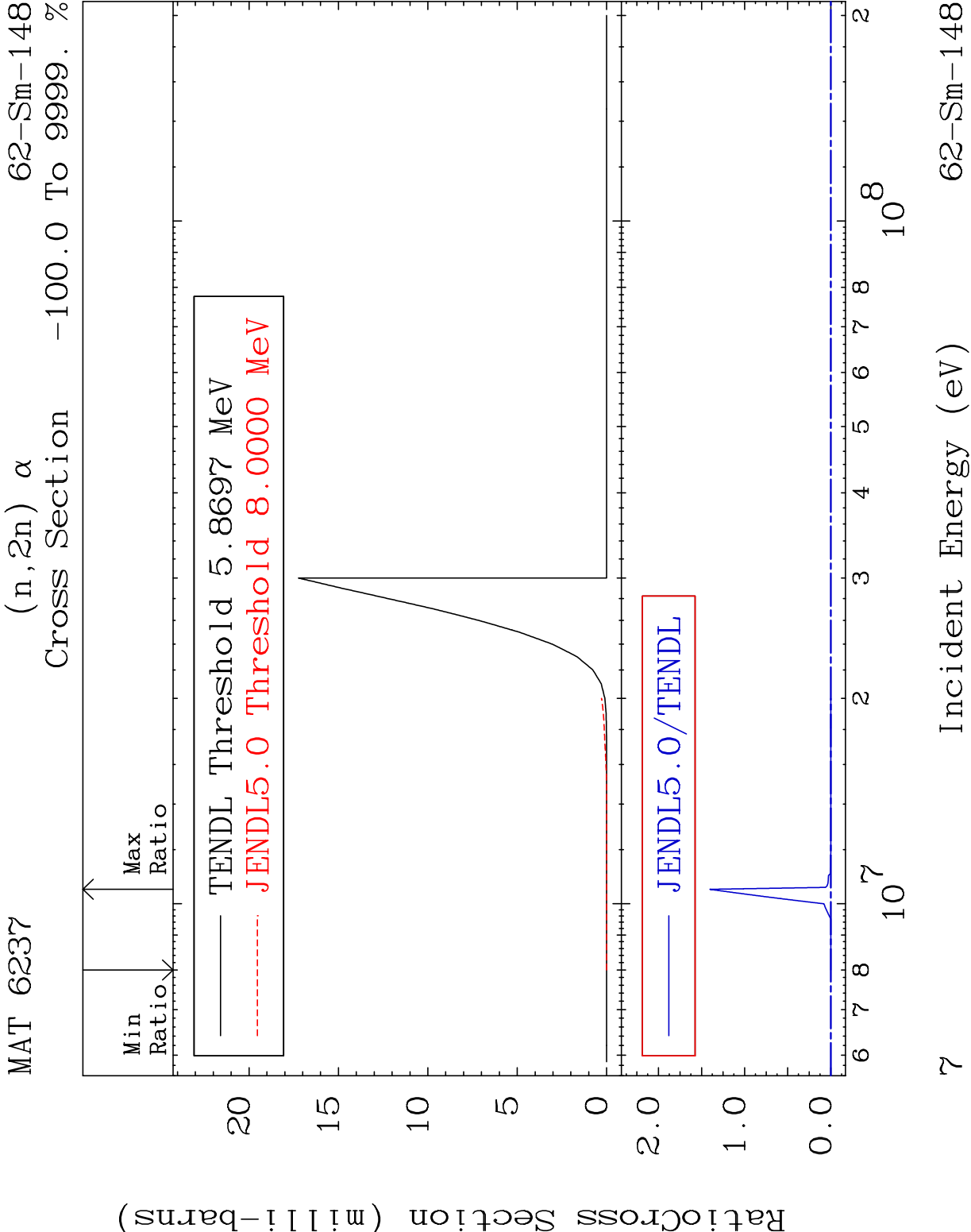
62-Sm-148

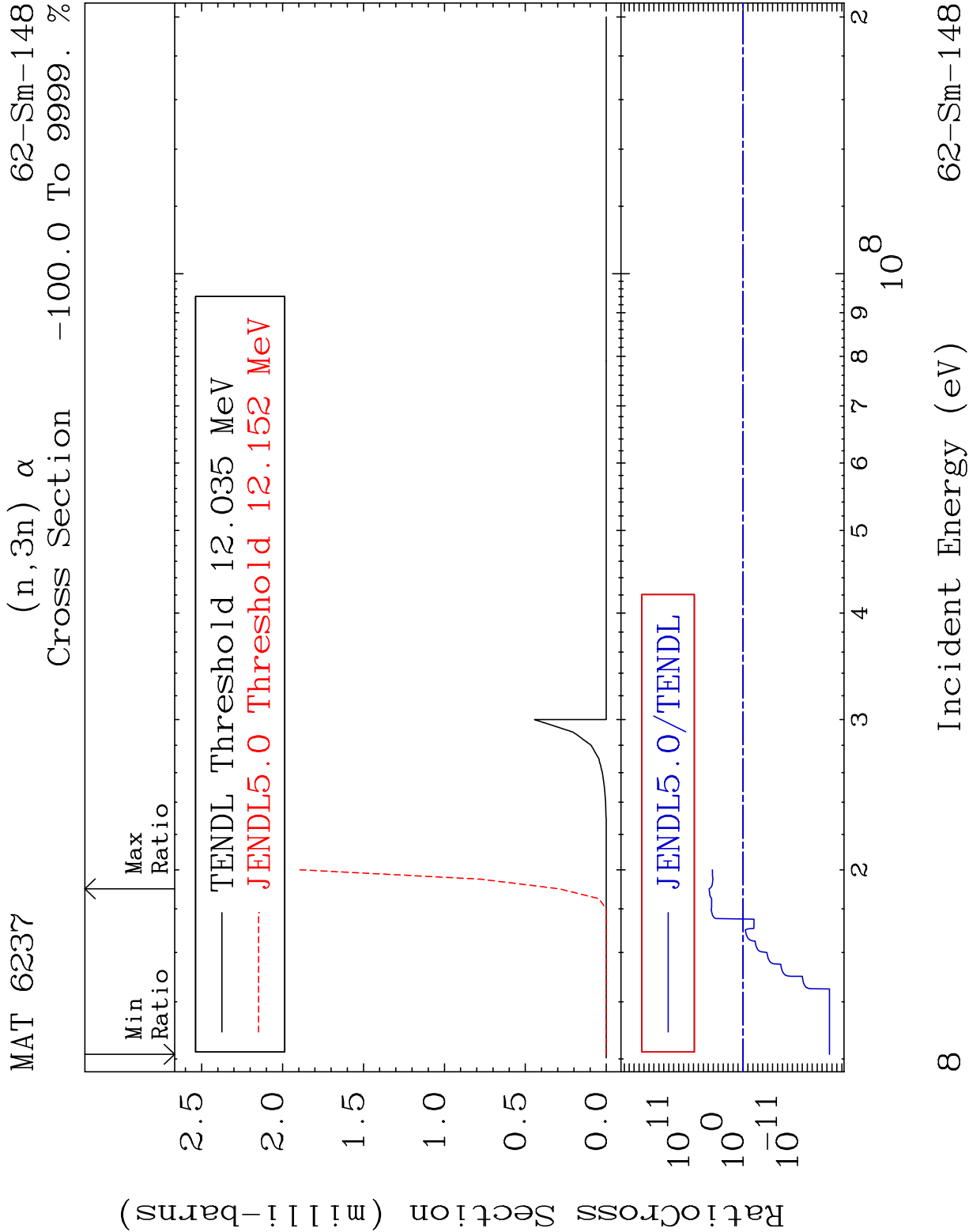


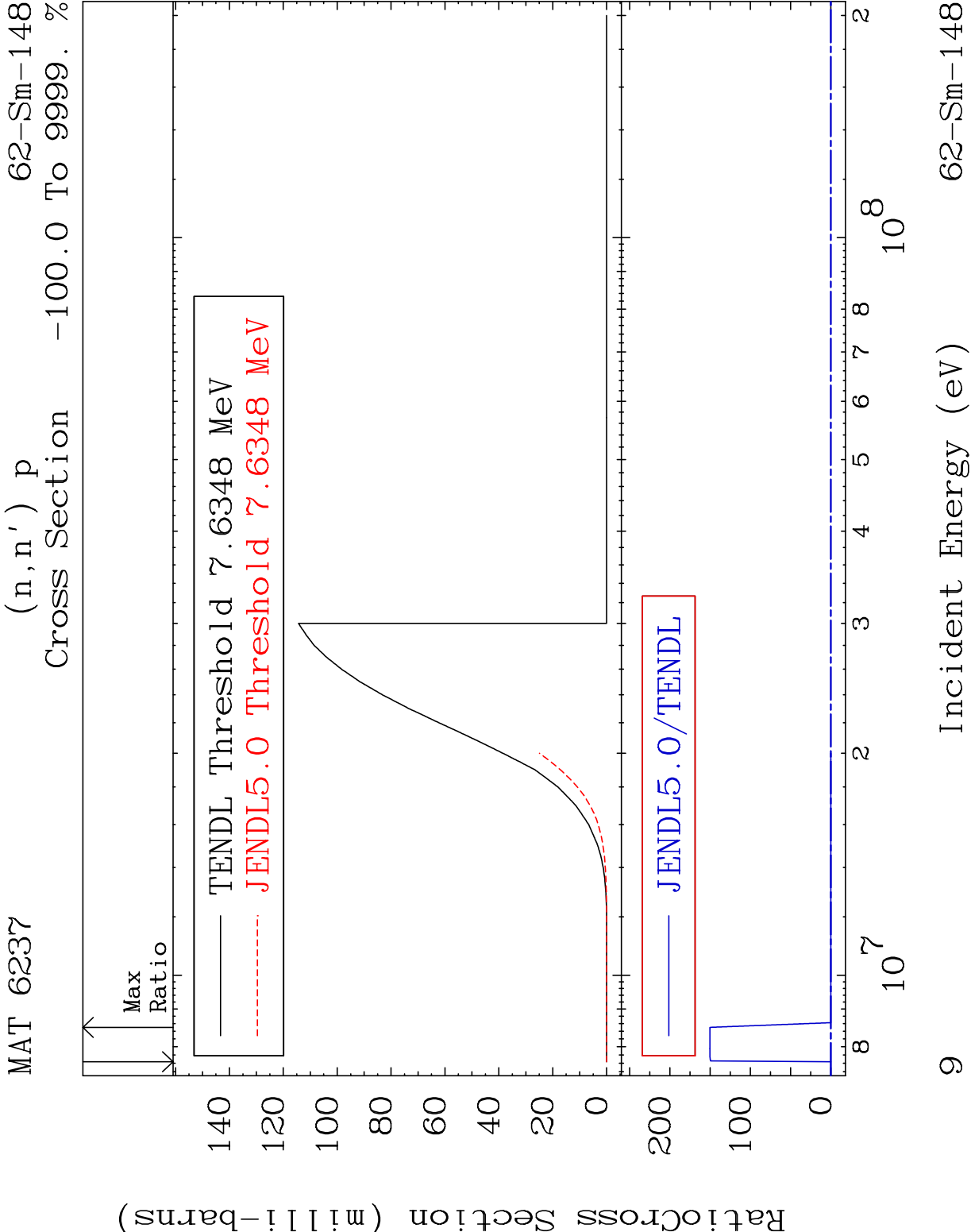


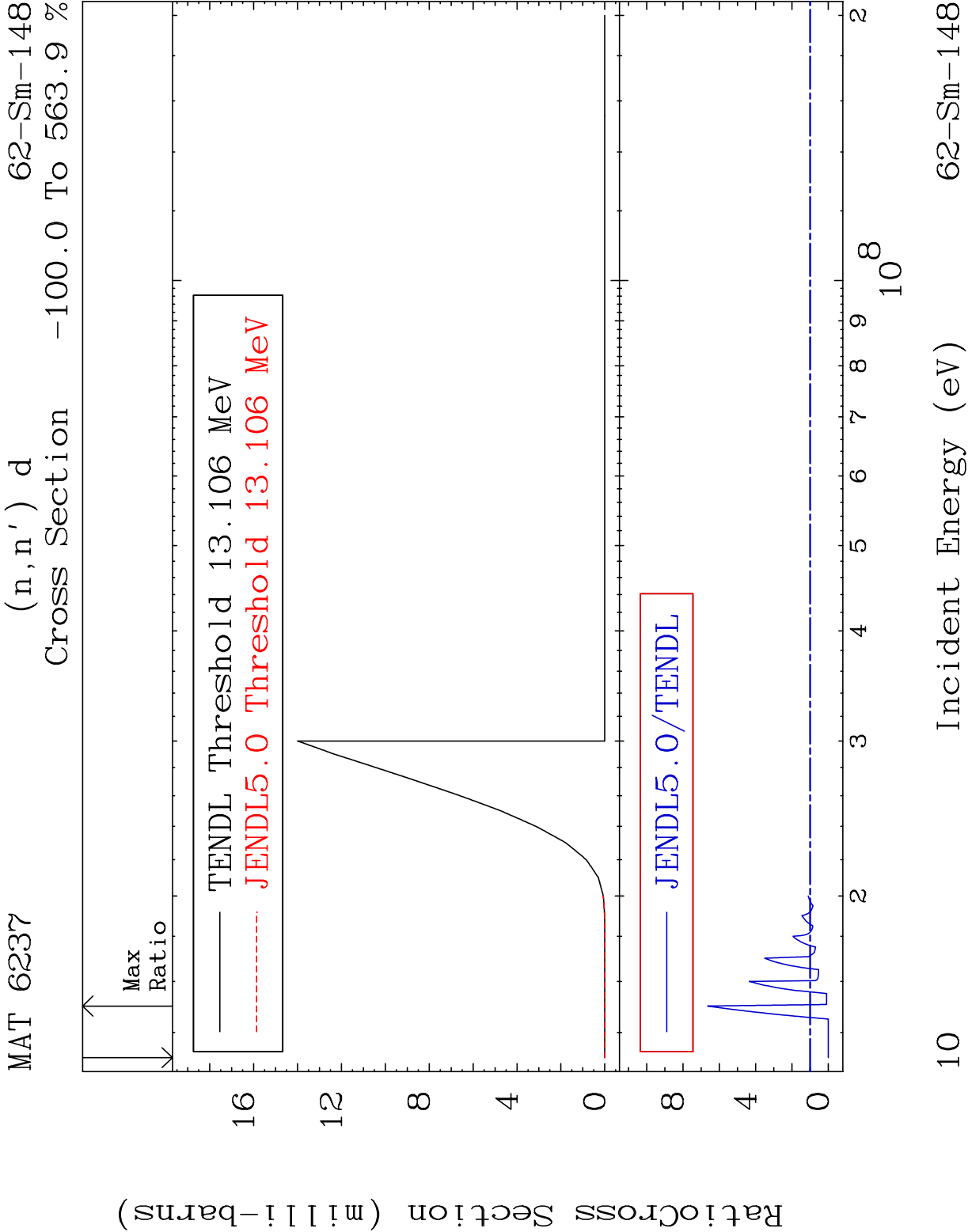


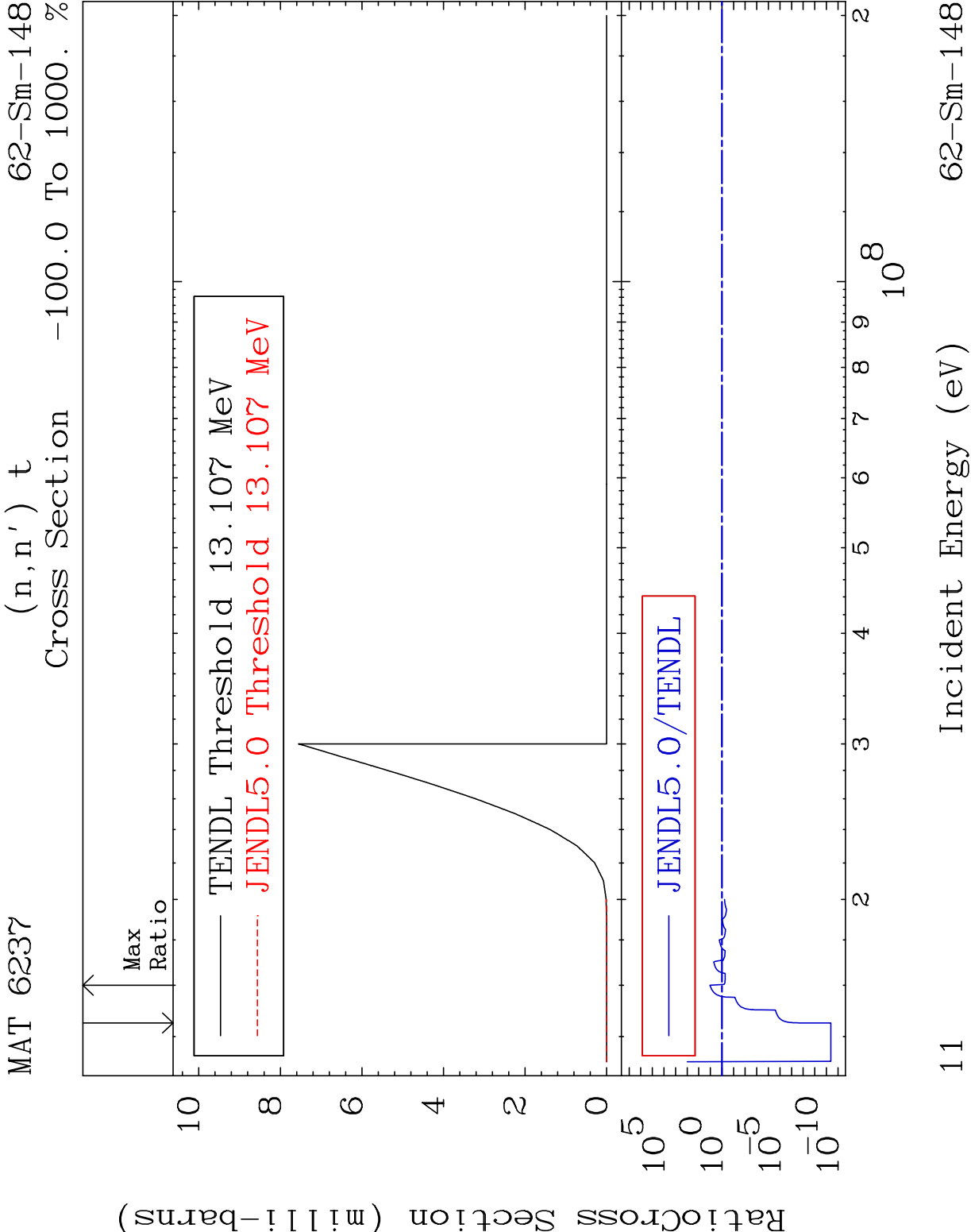


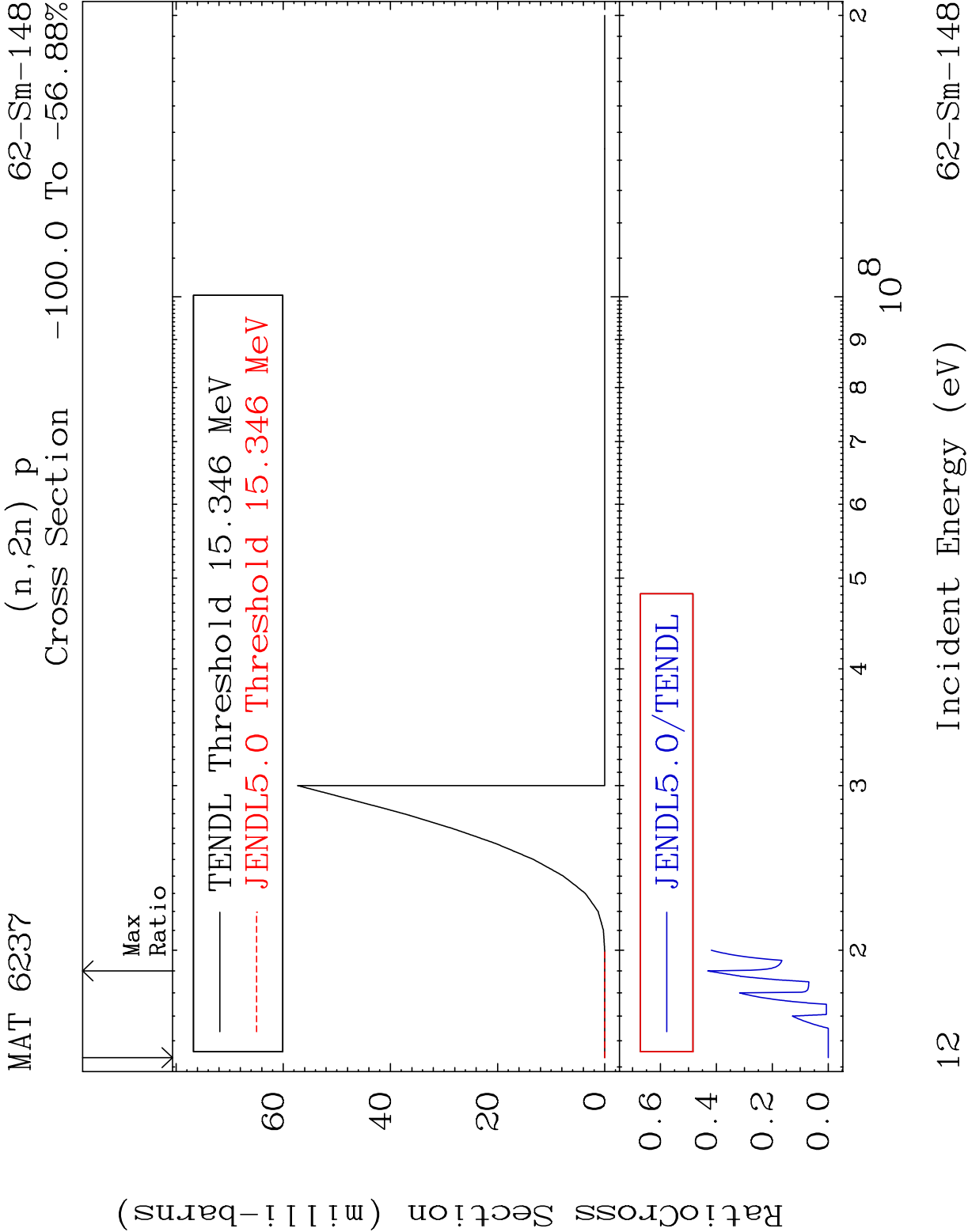












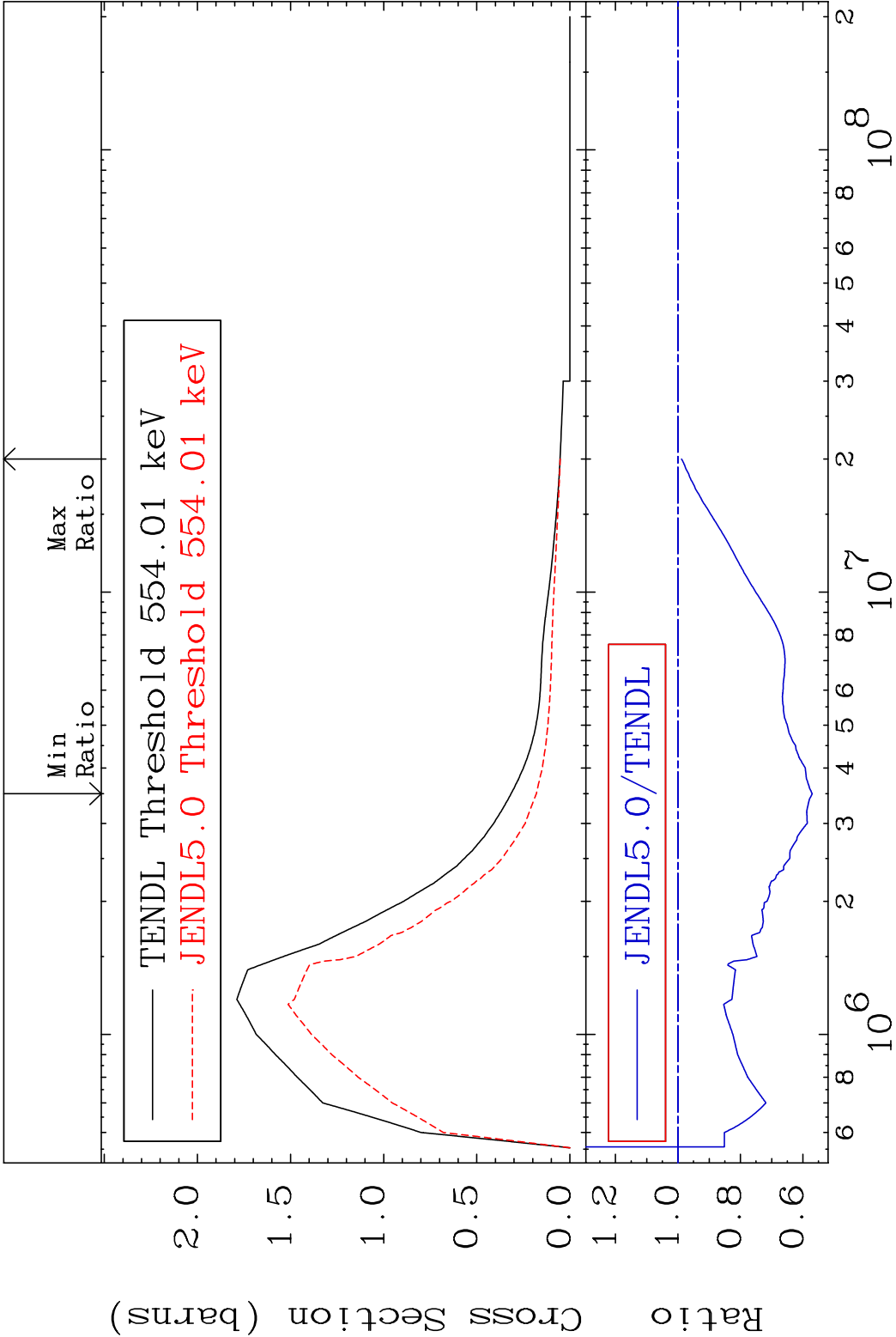
MAT 6237

MT= 51 (n,n') Level

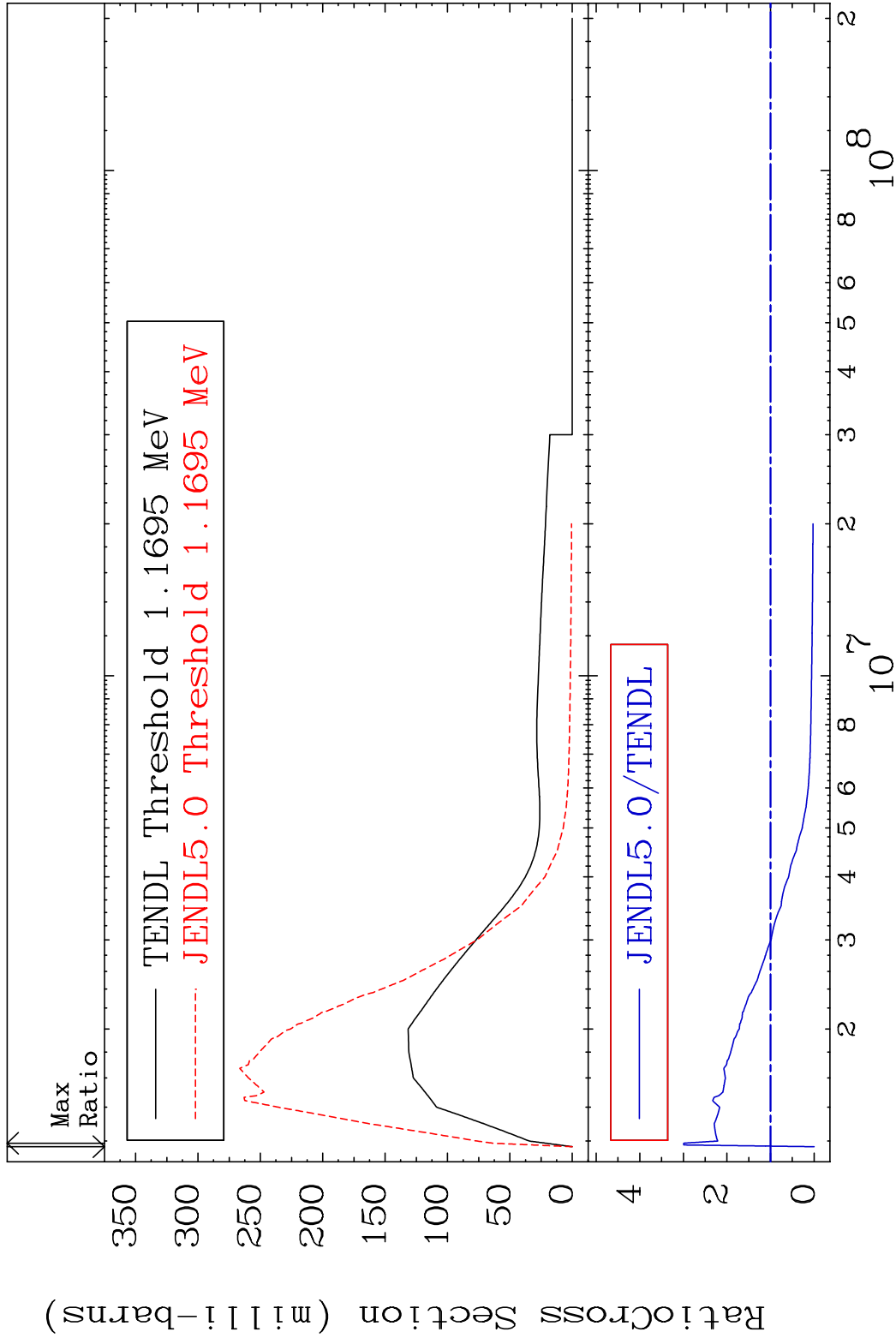
62-Sm-148

Cross Section

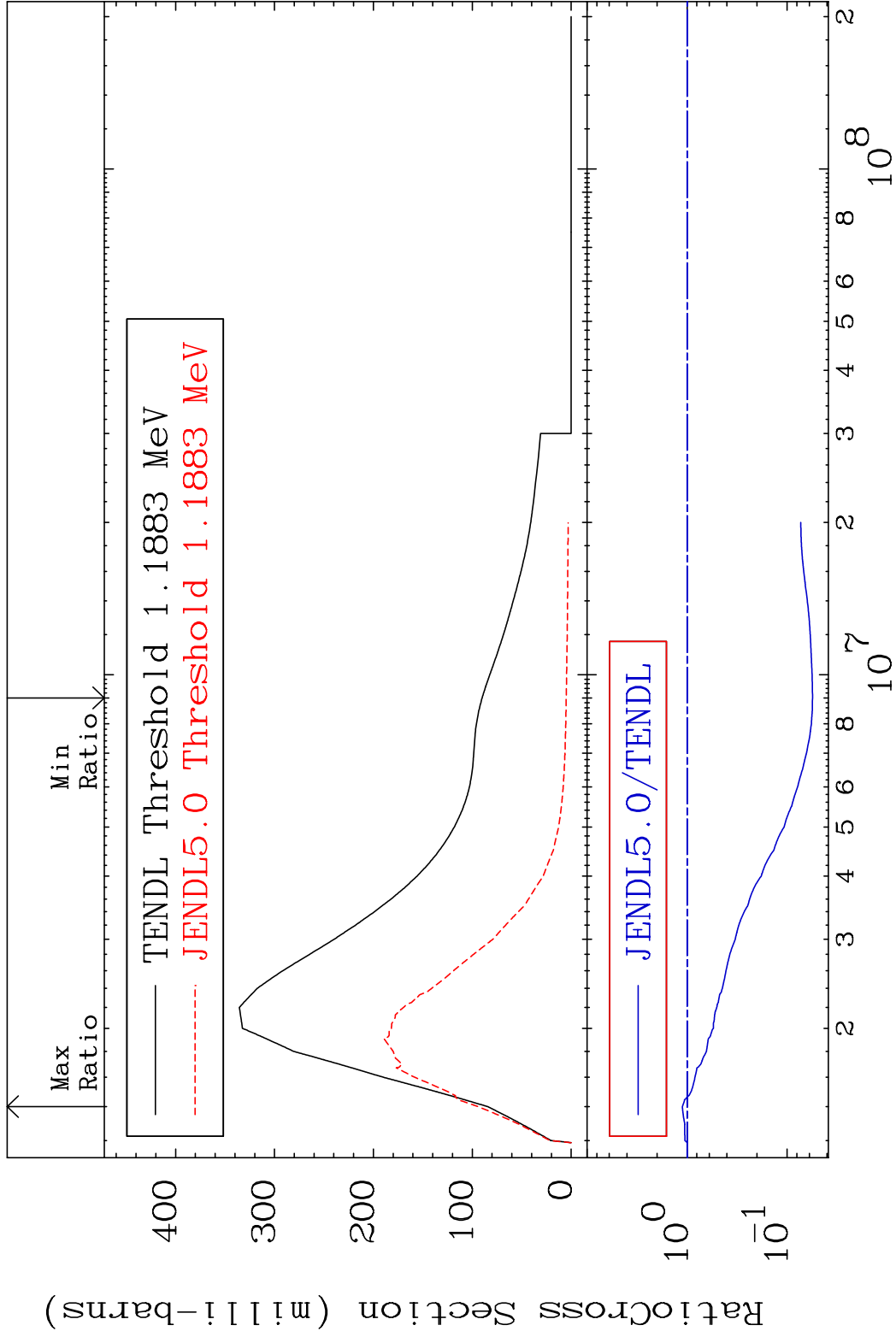
-42.98 To -1.143%



MAT 6237 MT= 52 (n,n') Level 62-Sm-148
Cross Section -100.0 To 199.3 %



MAT 6237 MT= 53 (n,n') Level 62-Sm-148
Cross Section -94.43 To 11.53 %

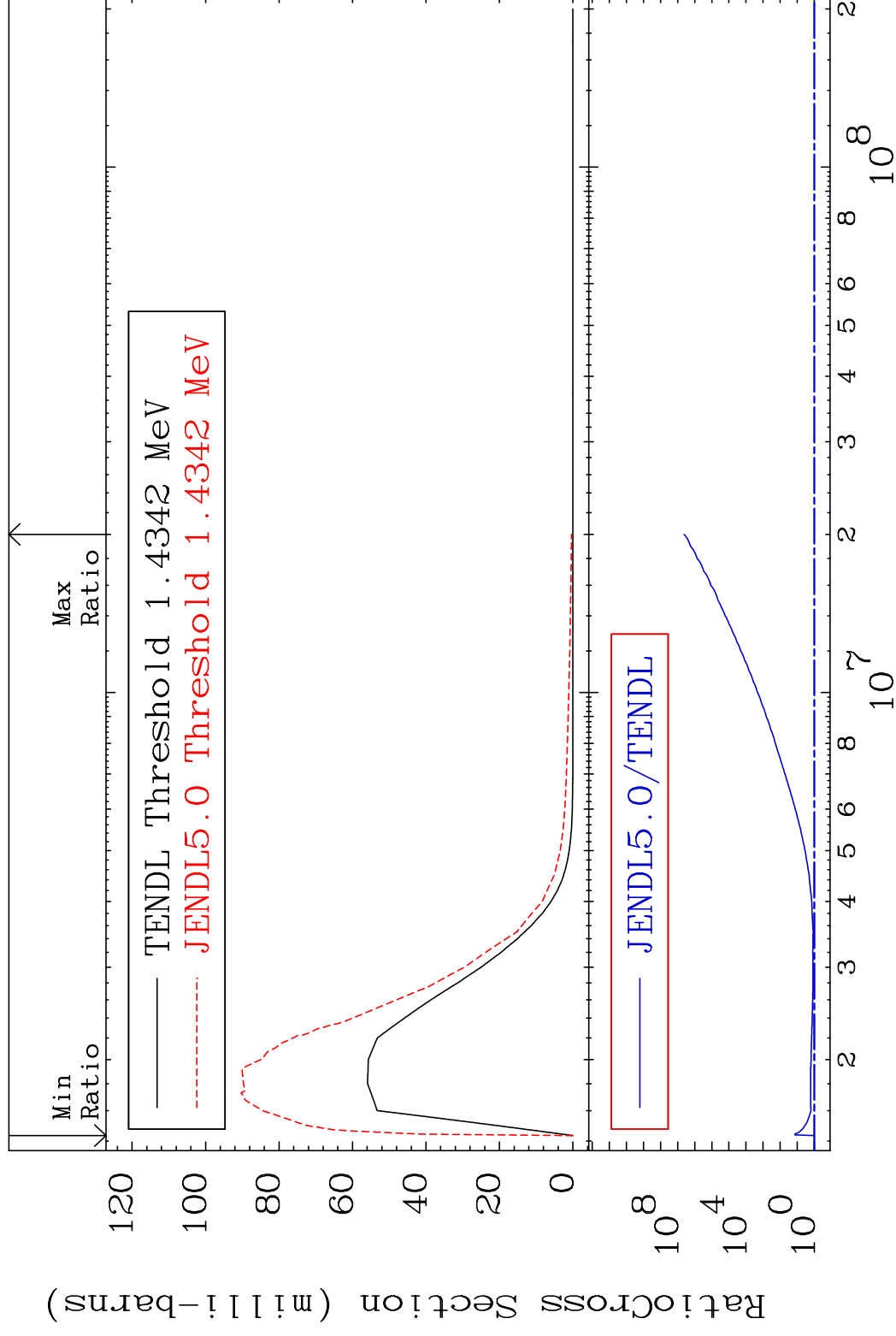


MAT 6237

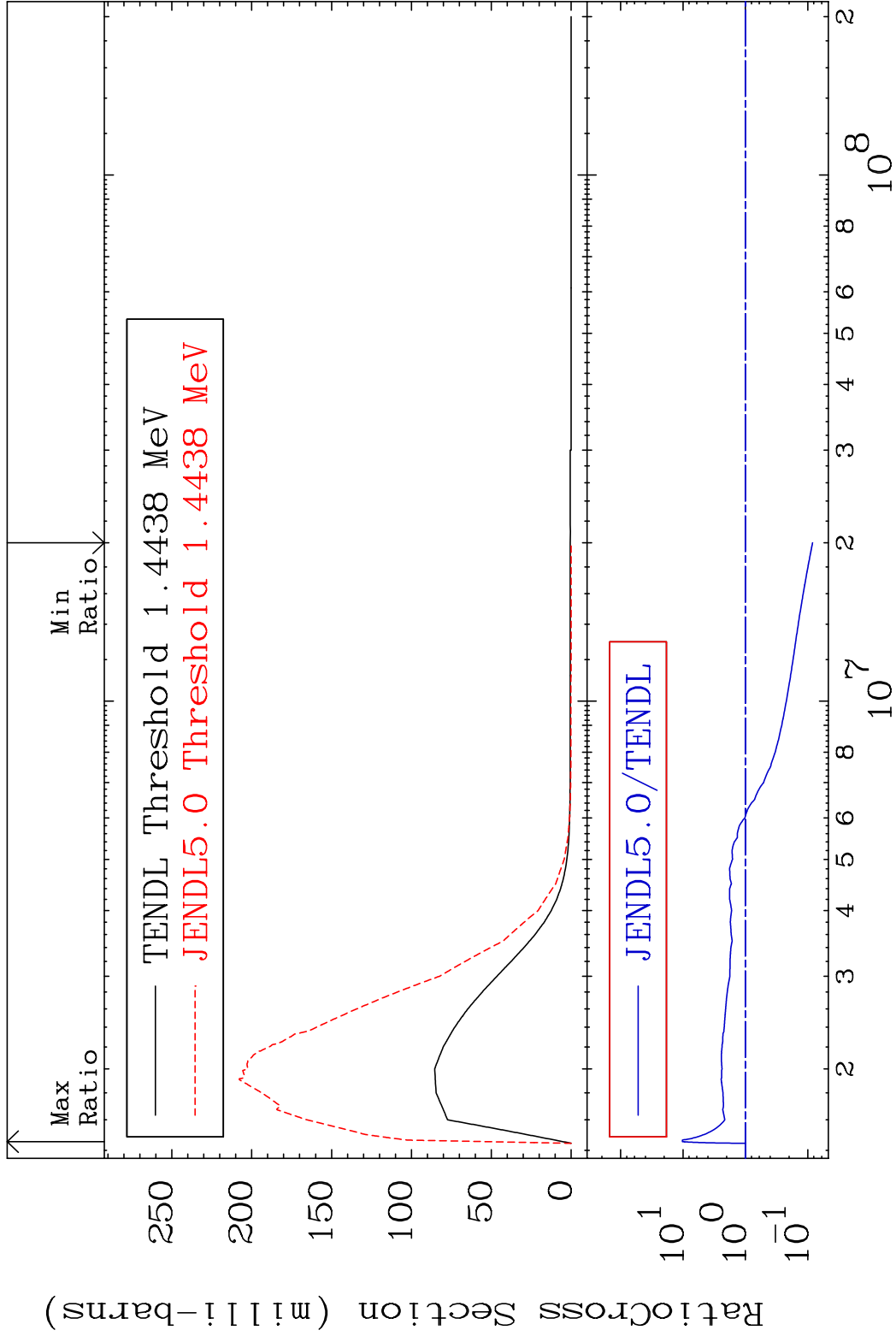
MT= 54 (n, n') Level

62-Sm-148

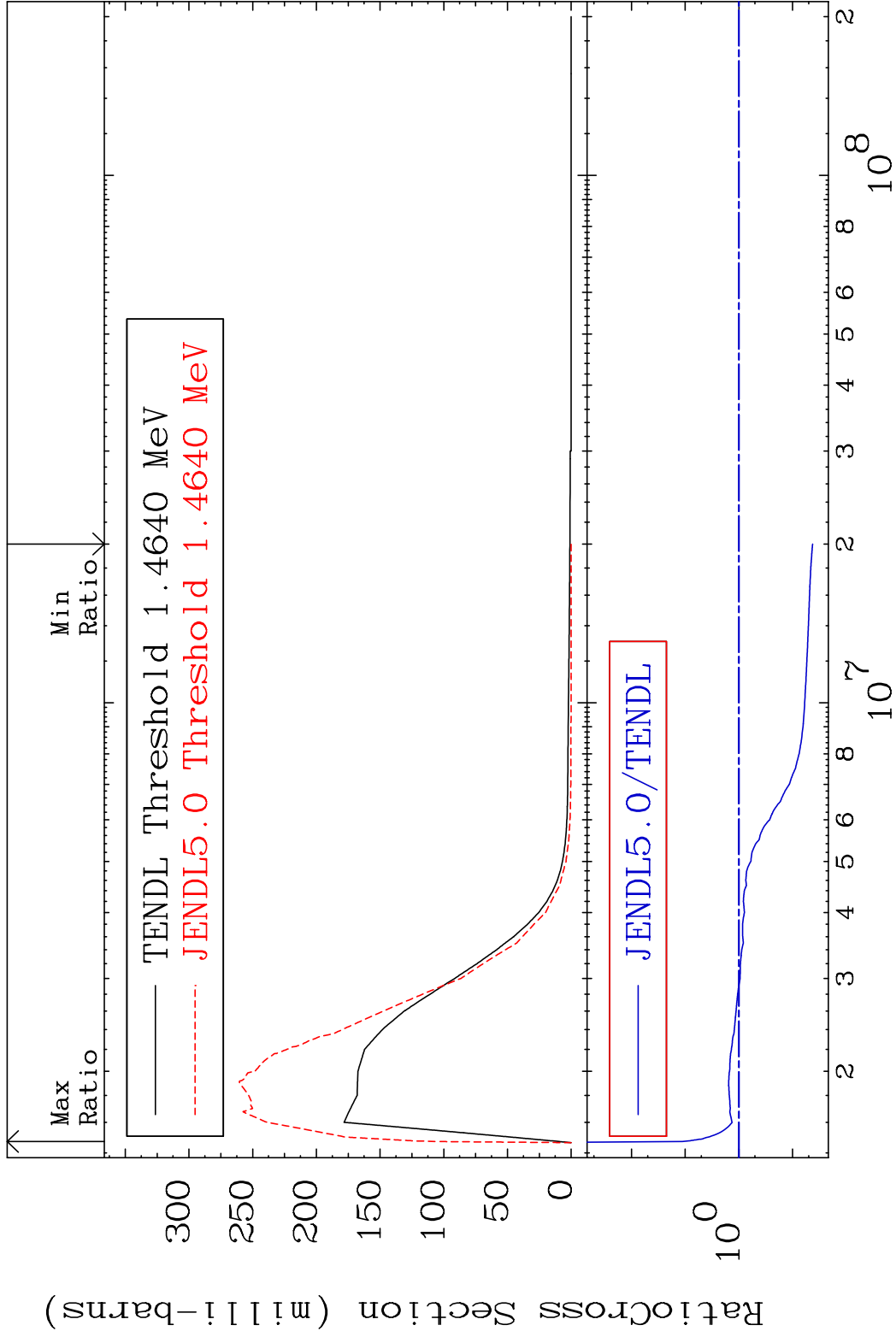
Cross Section 0.000 To 9999. %

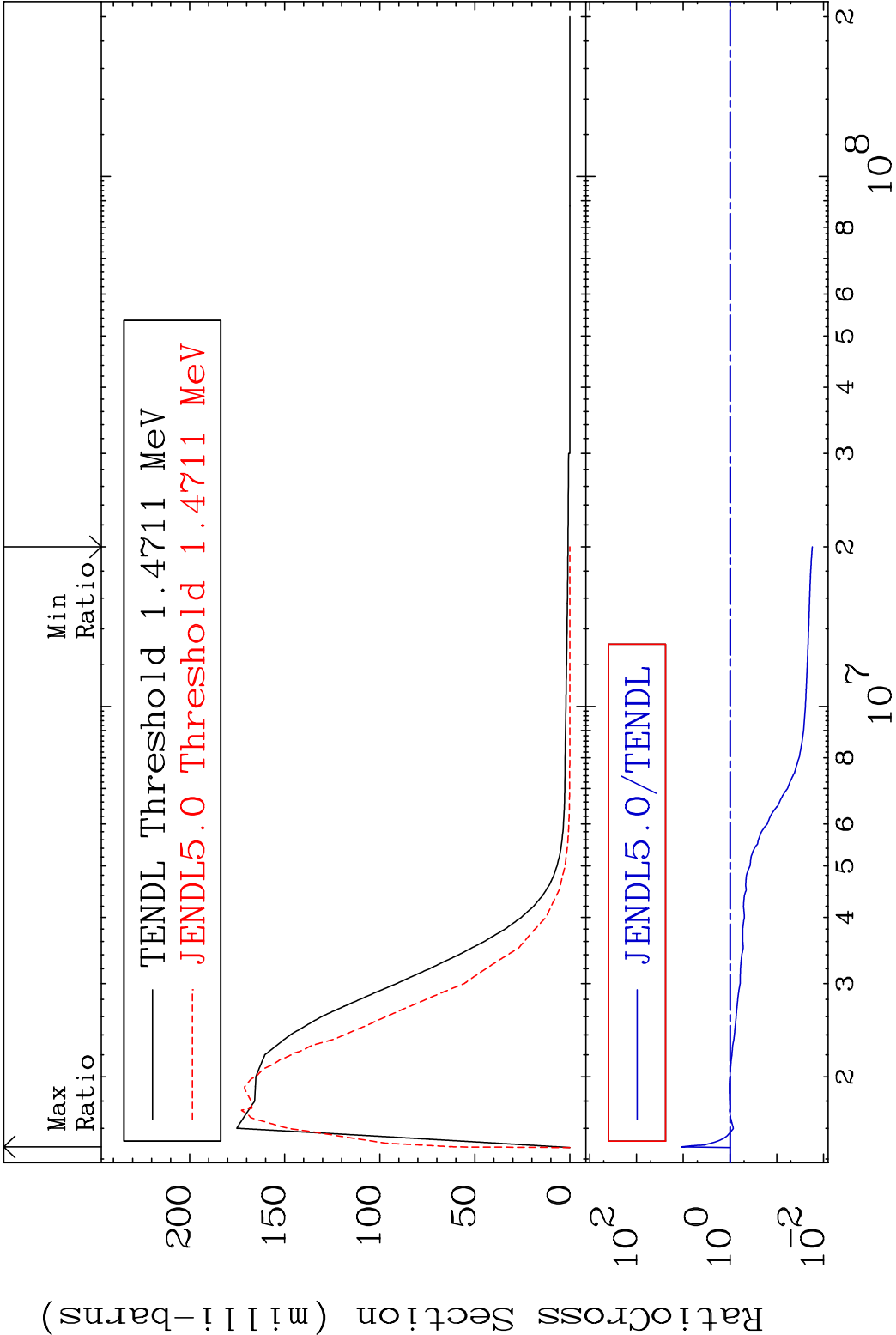


MAT 6237 MT= 55 (n,n') Level 62-Sm-148
Cross Section -91.62 To 925.0 %

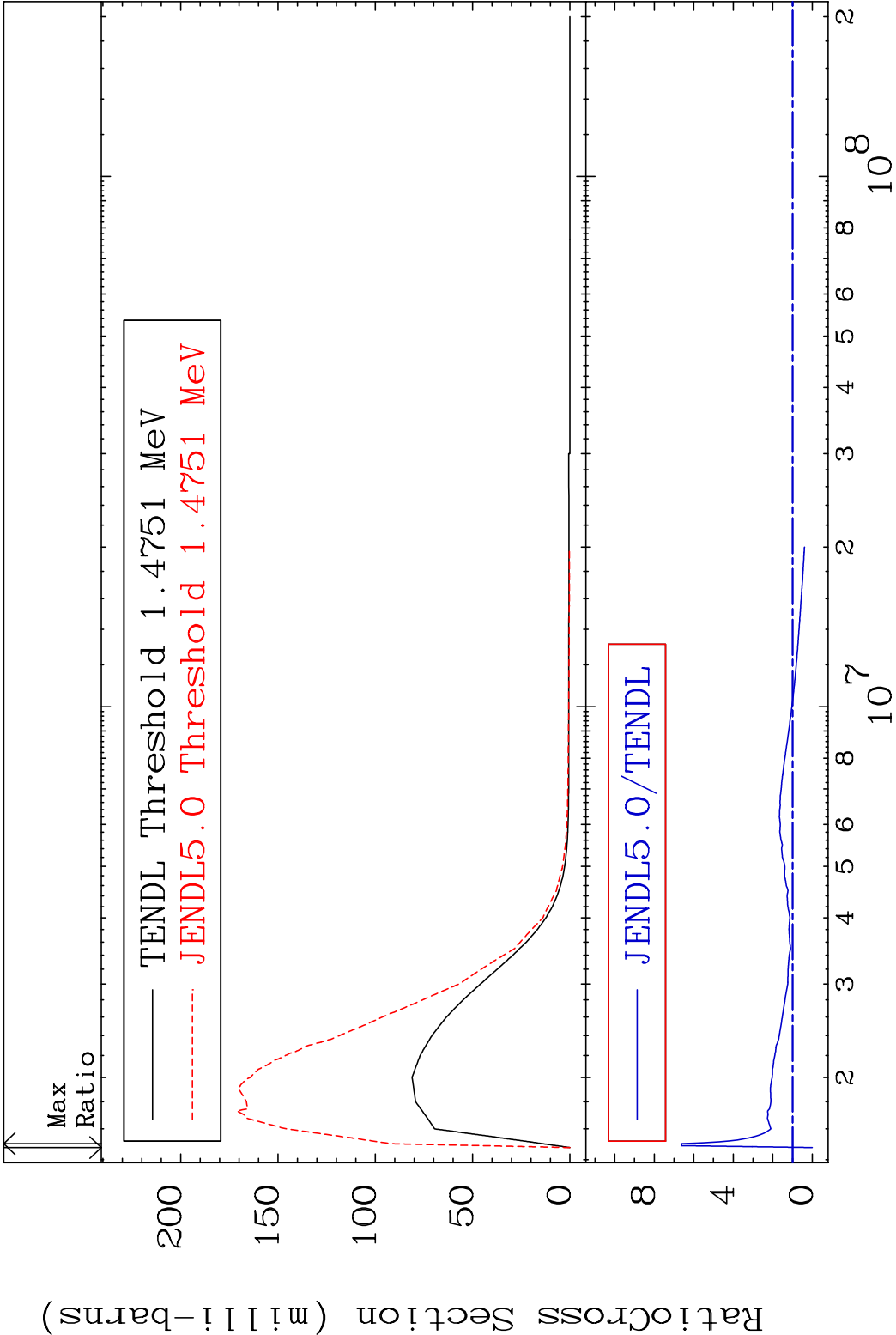


MAT 6237 MT= 56 (n,n') Level 62-Sm-148
Cross Section -95.76 To 1027. %





MAT 6237 MT= 58 (n,n') Level 62-Sm-148
Cross Section -100.0 To 561.9 %



20 Incident Energy (eV) 62-Sm-148

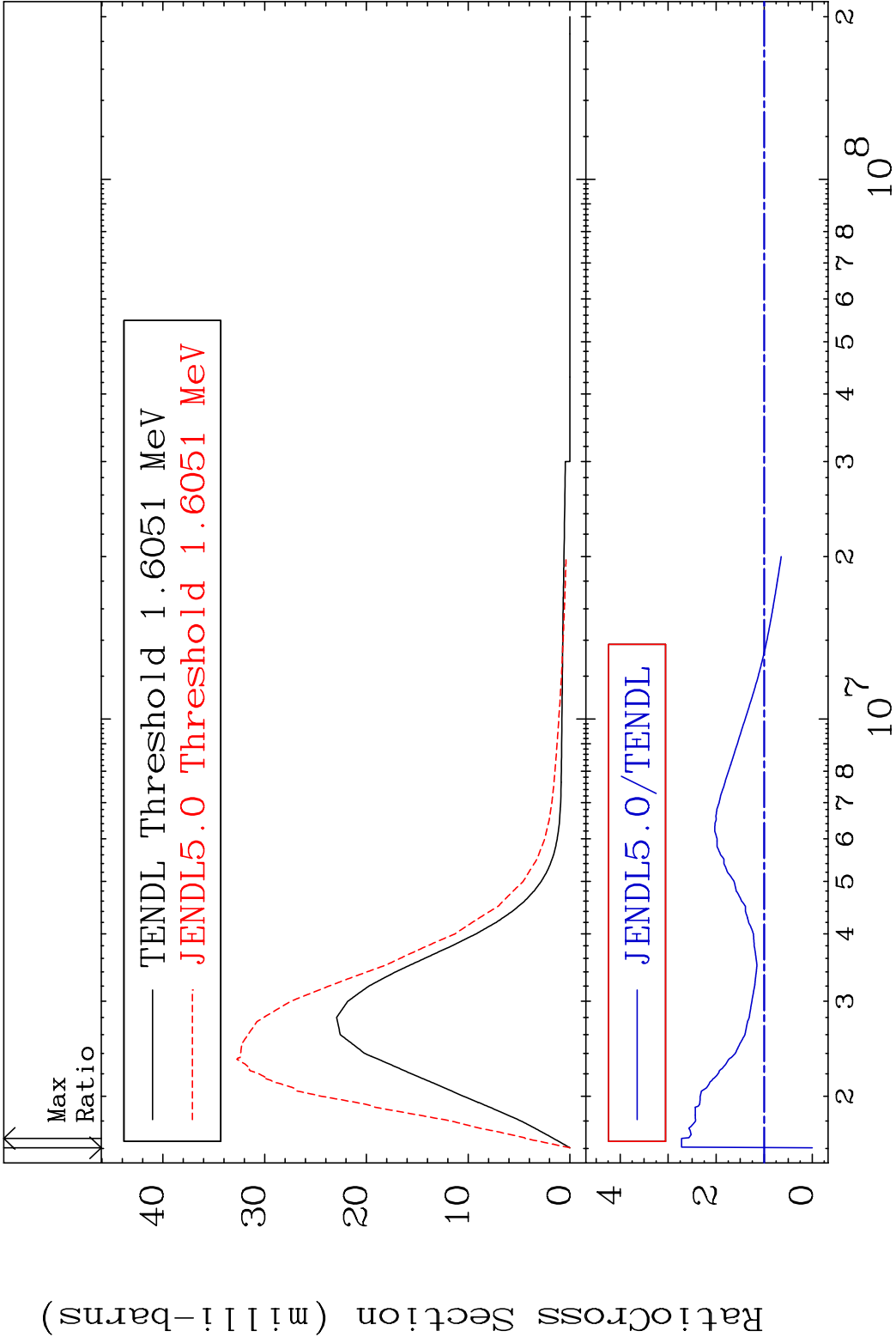
MAT 6237

MT= 59 (n,n') Level

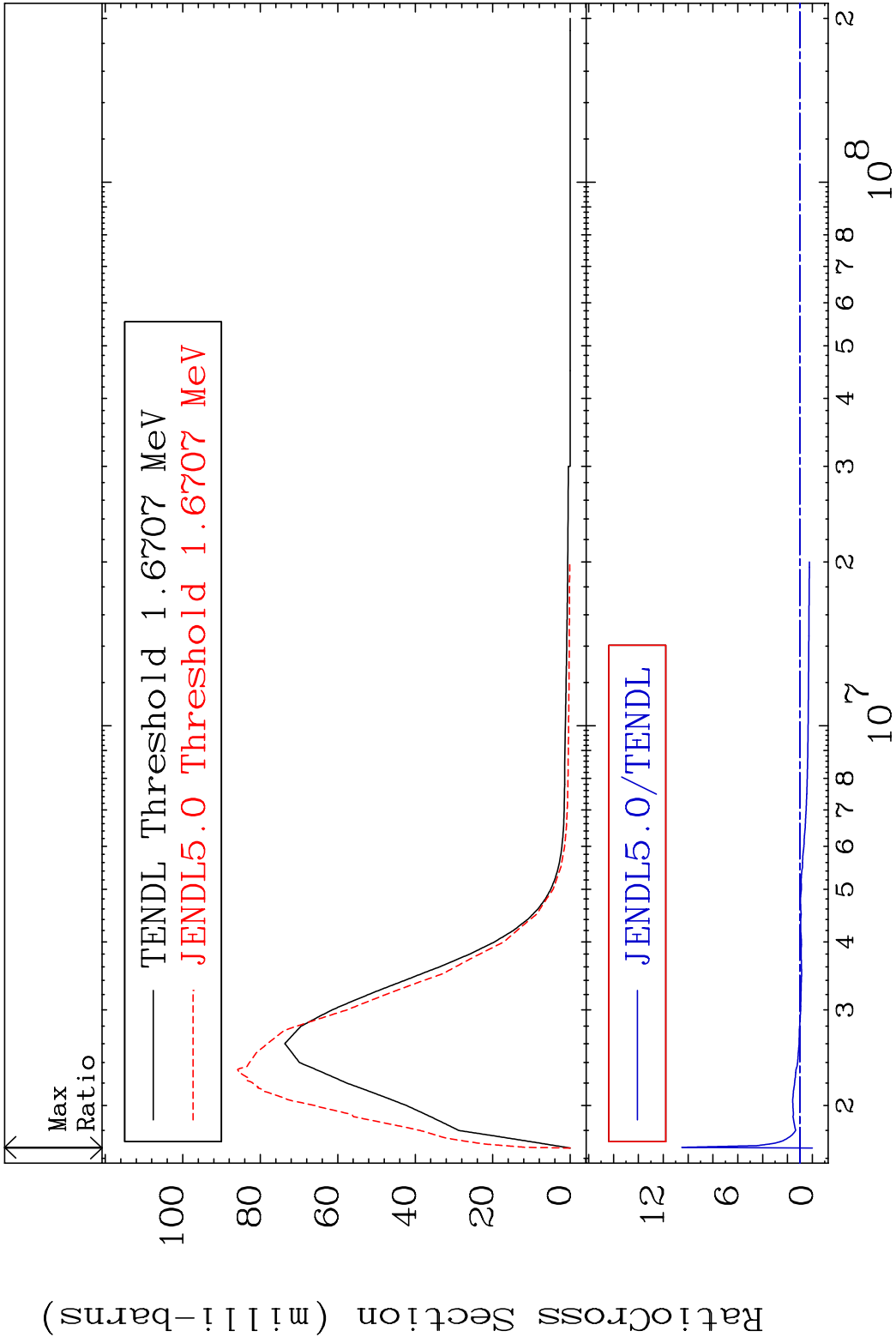
62-Sm-148

Cross Section

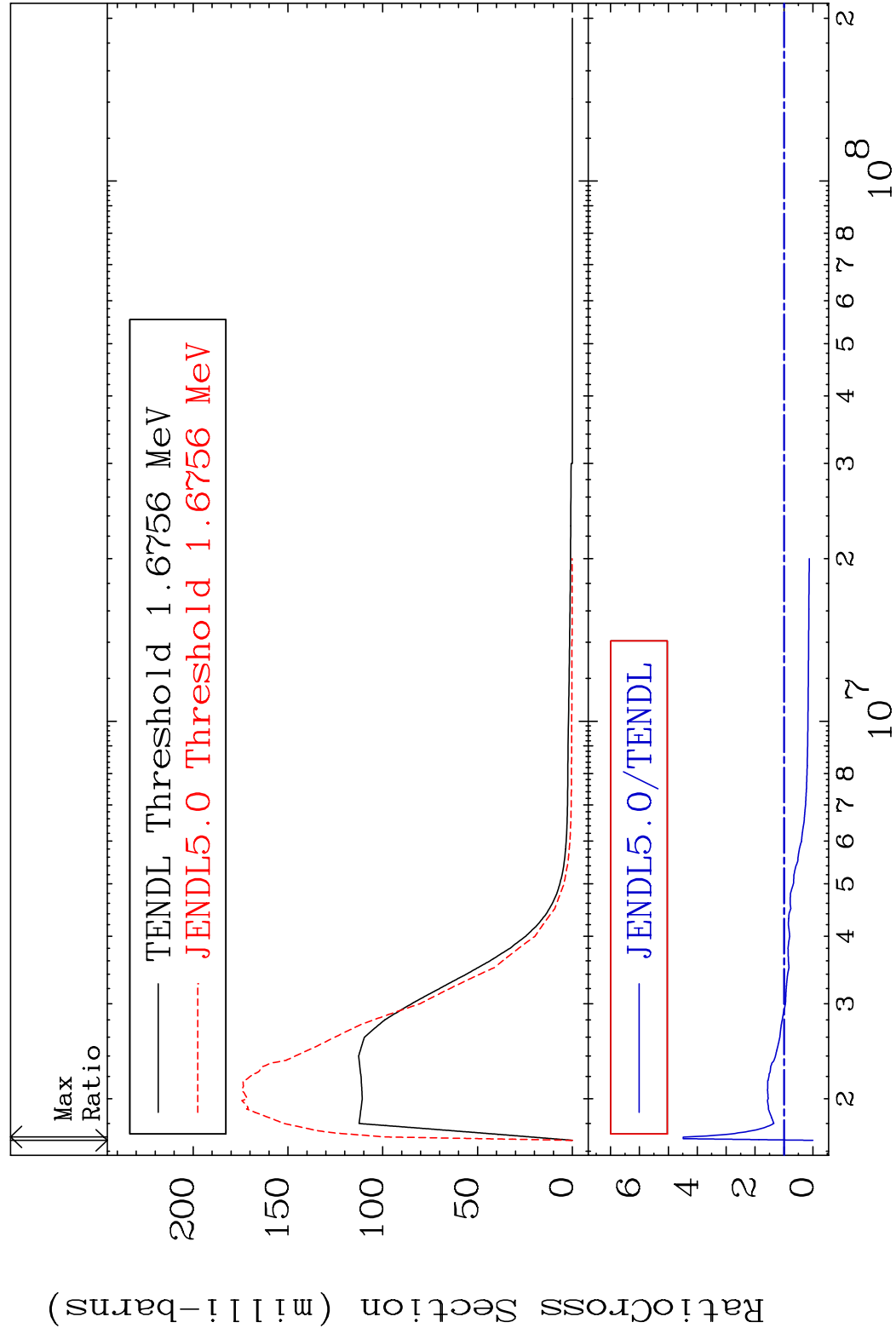
-100.0 To 172.1 %



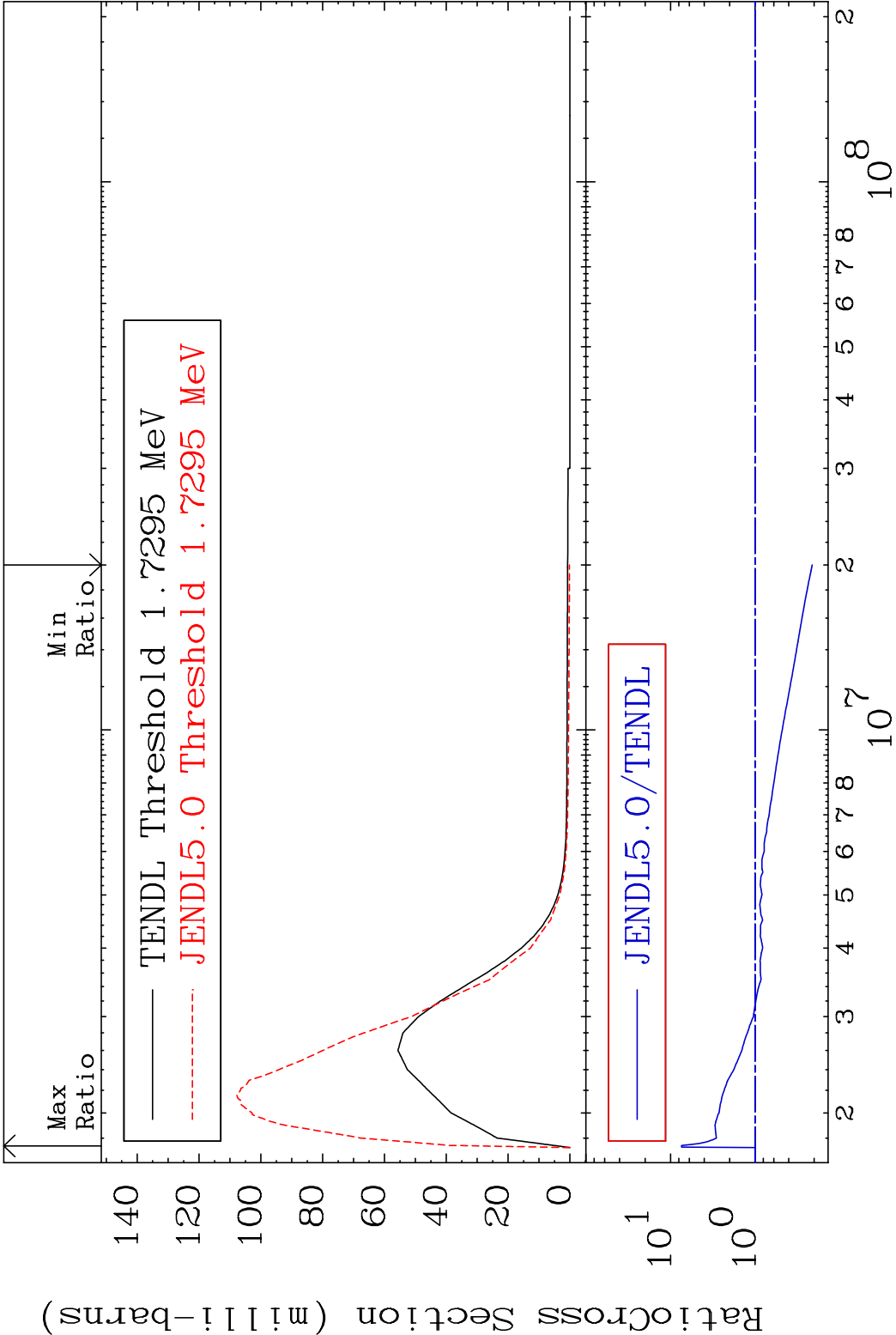
MAT 6237	MT= 60 (n,n')	Level	62-Sm-148
	Cross Section	-100.0 To 951.1 %	



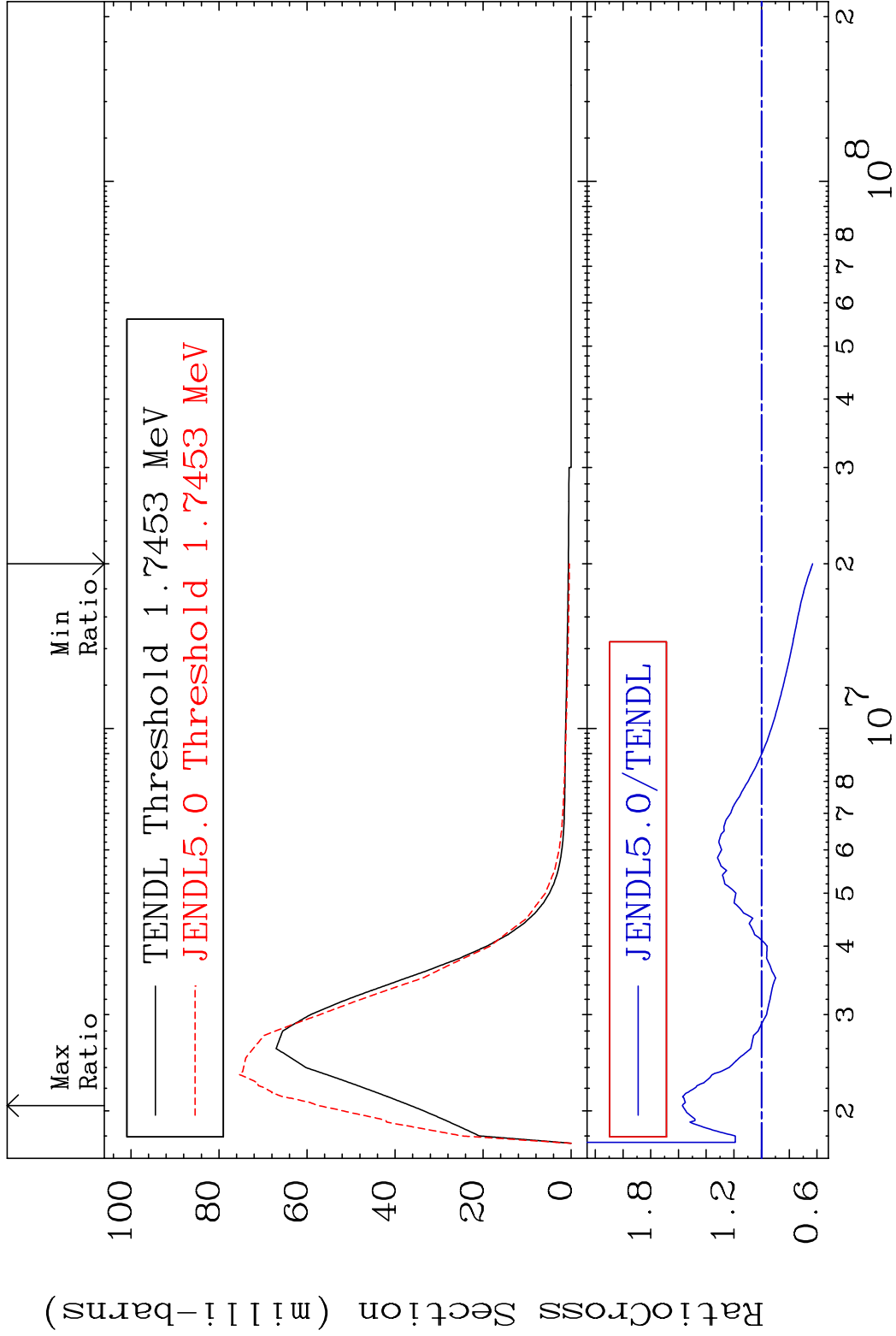
MAT 6237	MT= 61 (n,n')	Level	62-Sm-148
	Cross Section	-100.0 To 348.8 %	

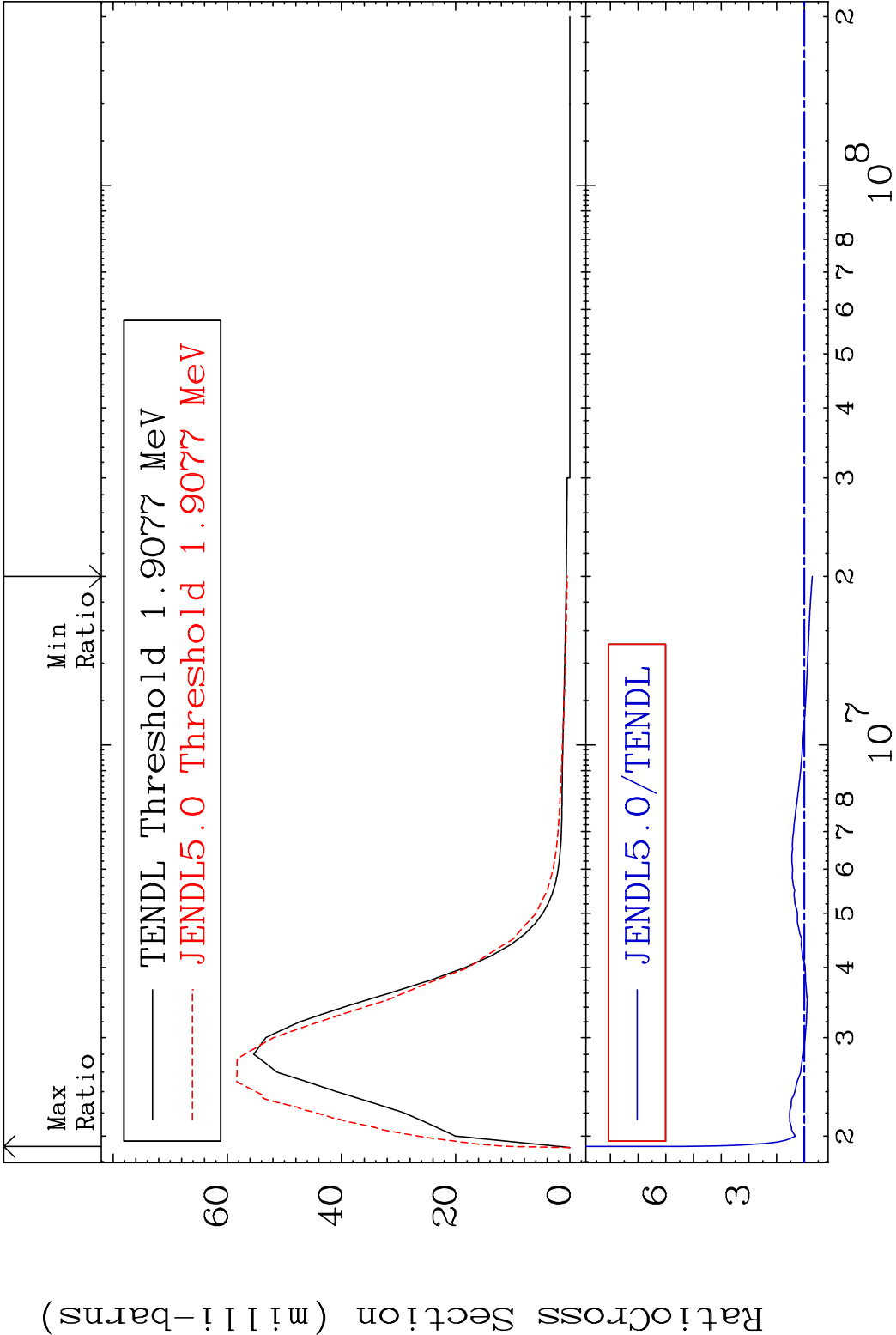


MAT 6237 MT= 62 (n,n') Level 62-Sm-148
Cross Section -78.88 To 641.2 %

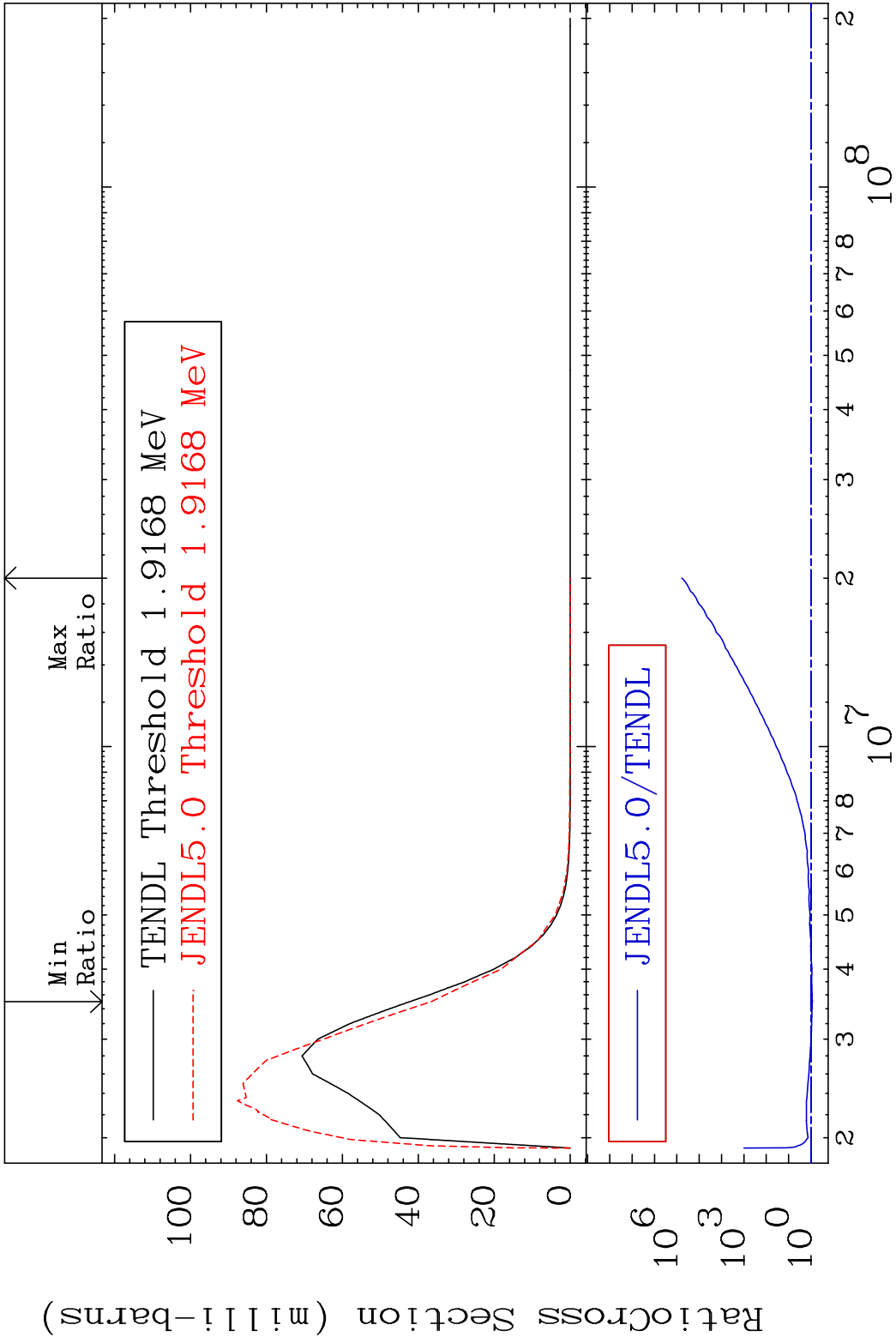


MAT 6237 MT= 63 (n,n') Level 62-Sm-148
Cross Section -36.79 To 57.19 %

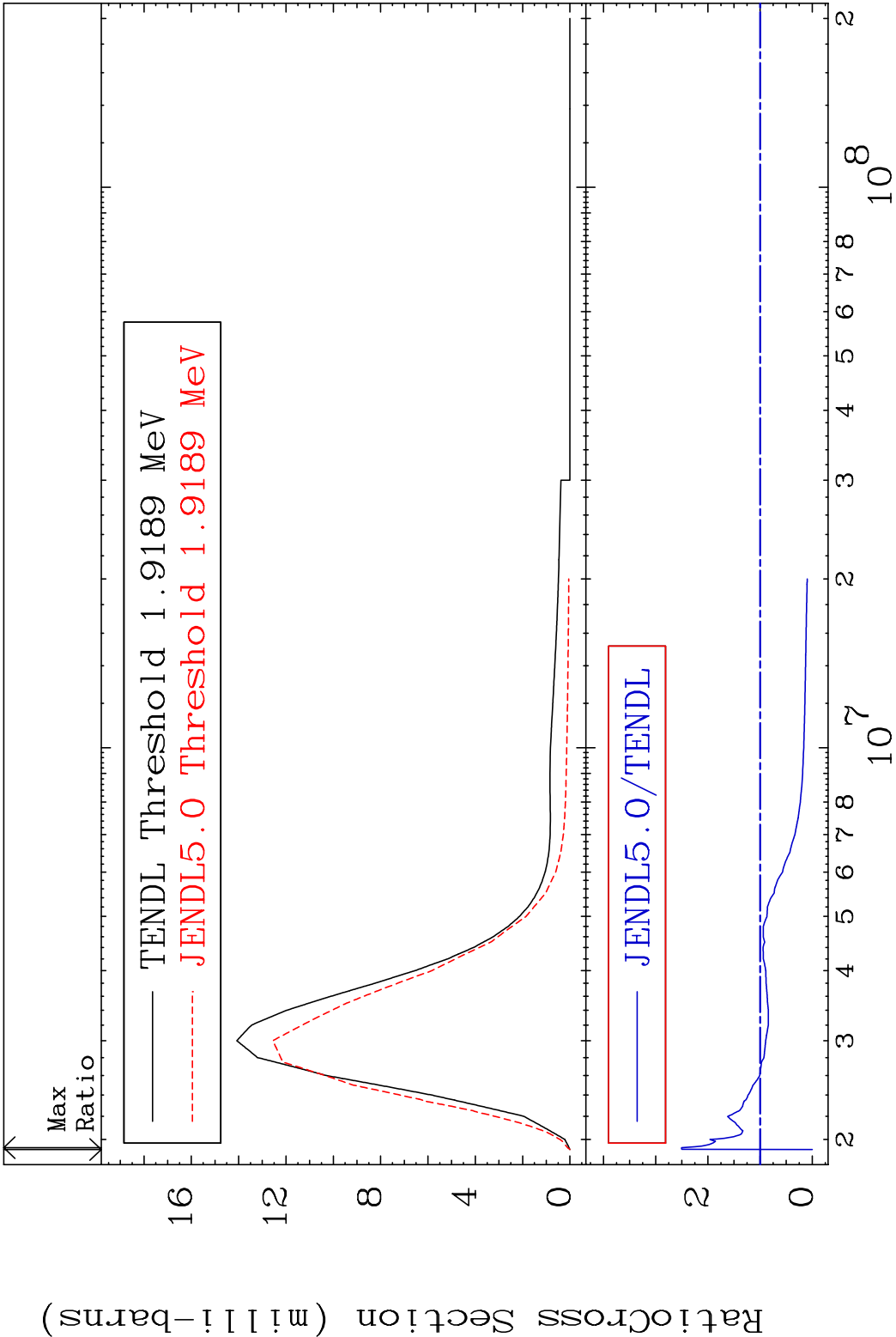


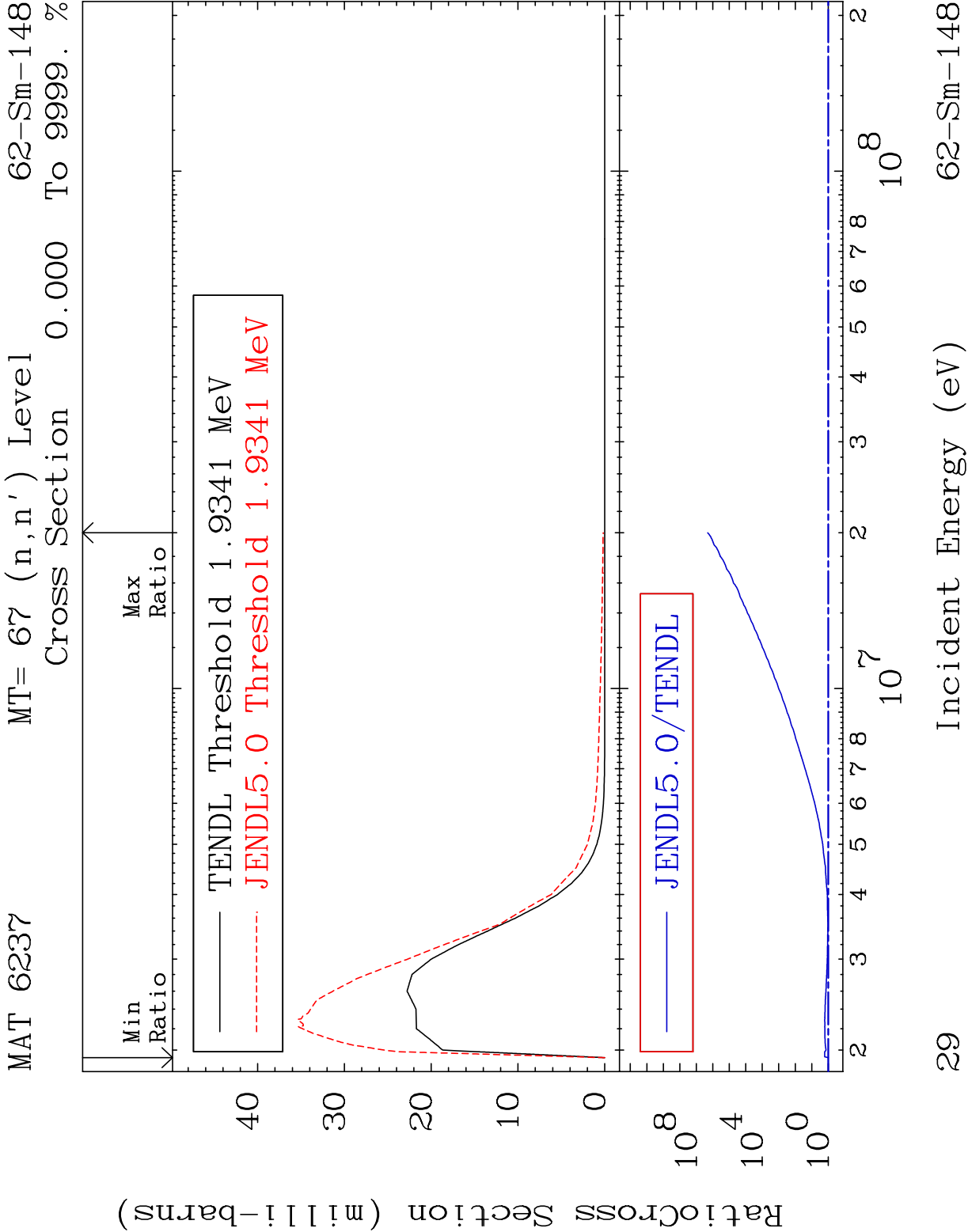


MAT 6237	MT= 65 (n,n')	Level	62-Sm-148
	Cross Section	-13.40 To 9999. %	

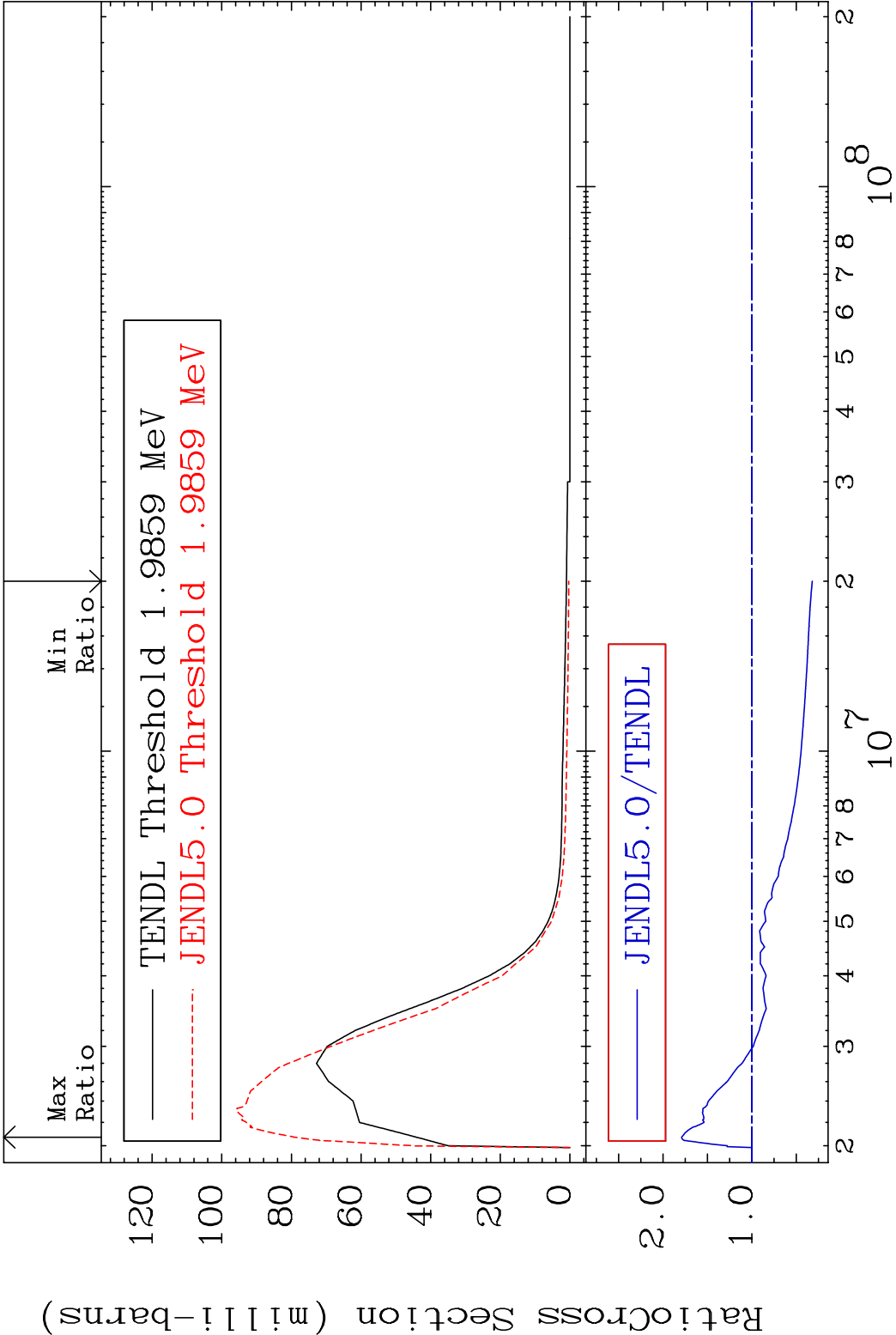


MAT 6237 MT= 66 (n,n') Level 62-Sm-148
 Cross Section -100.0 To 150.4 %



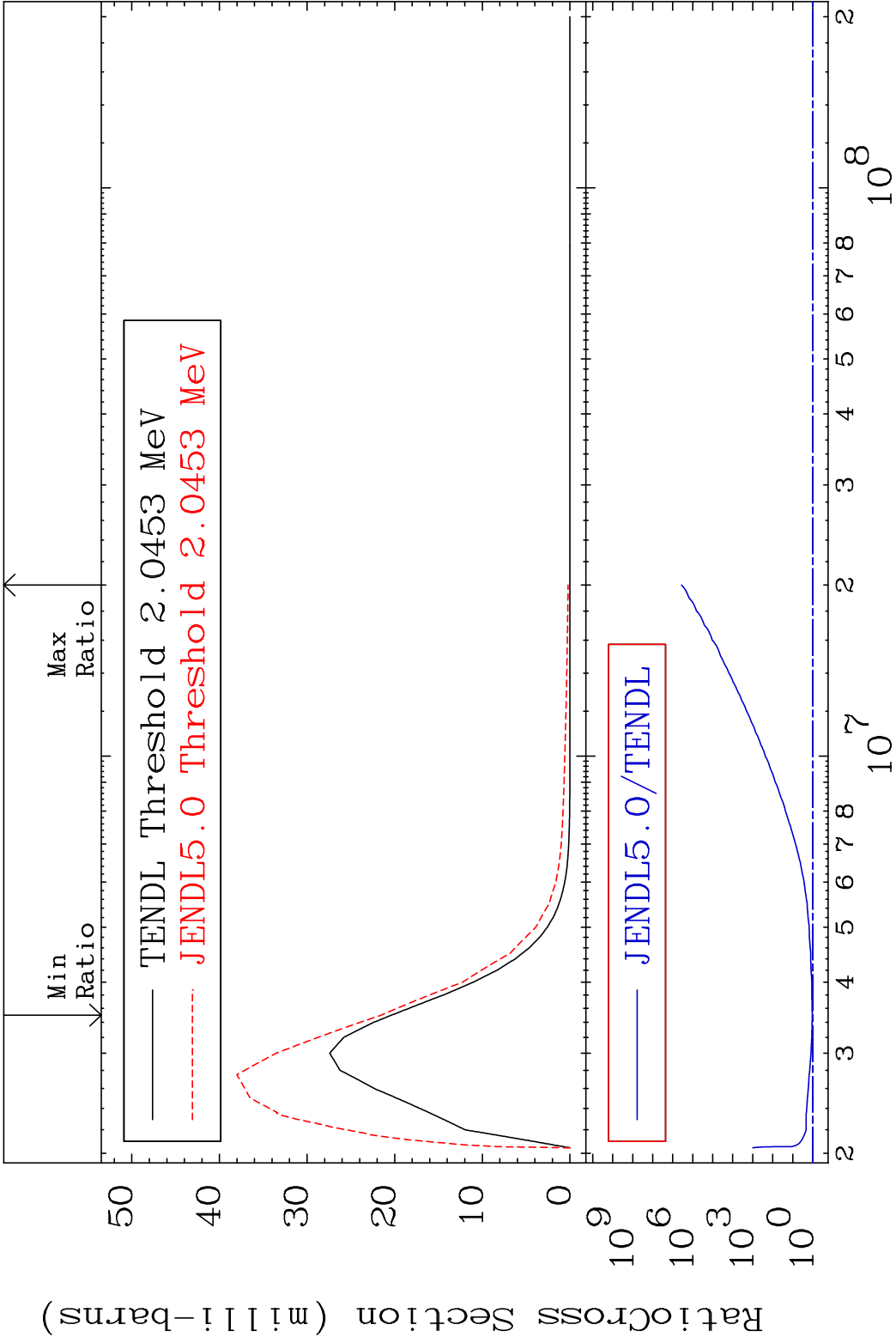


MAT 6237 MT= 68 (n,n') Level 62-Sm-148
Cross Section -67.99 To 79.13 %



30 Incident Energy (eV) 62-Sm-148

MAT 6237	MT= 69 (n,n')	Level	62-Sm-148
	Cross Section	5.820	To 9999. %



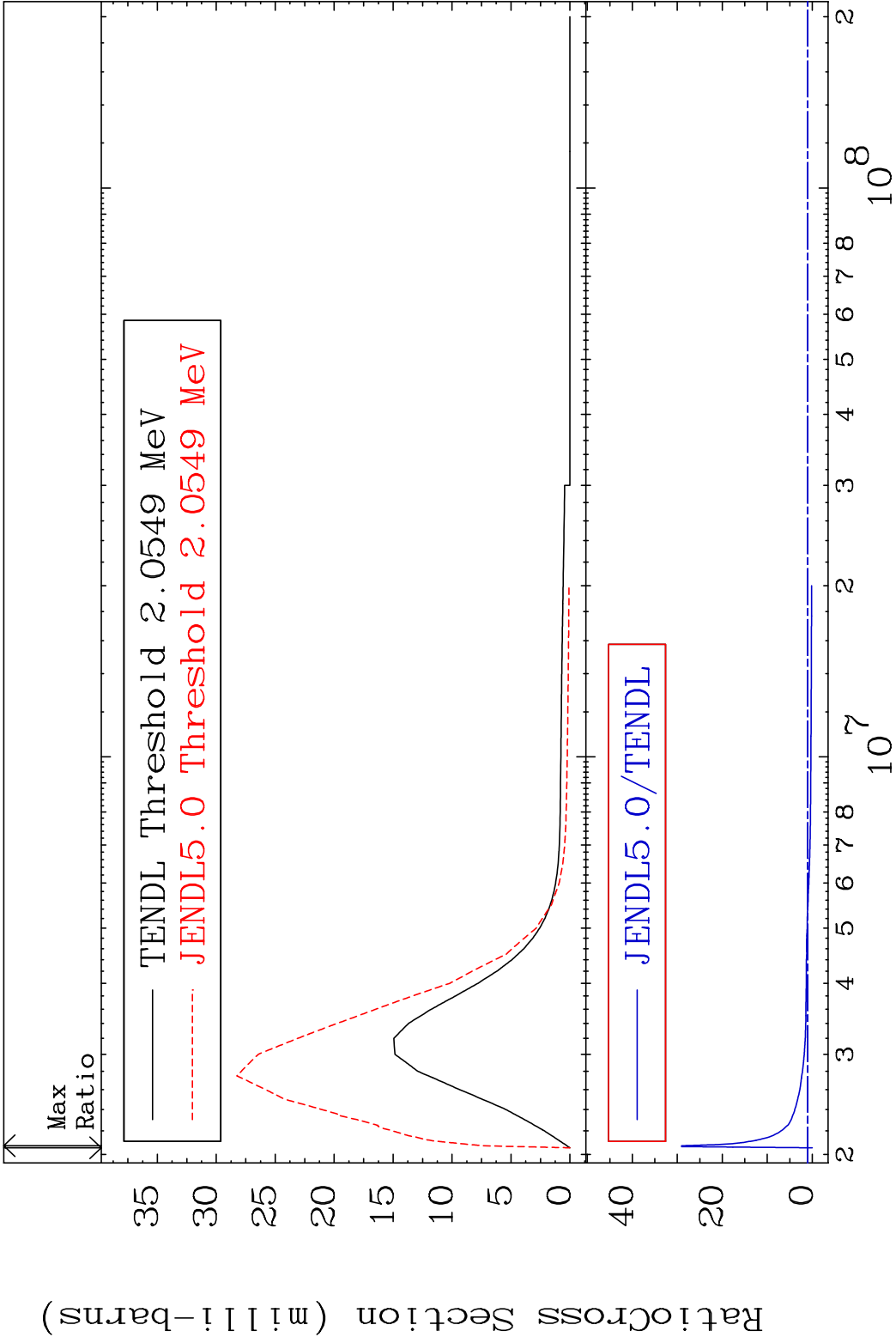
MAT 6237

MT= 70 (n,n') Level

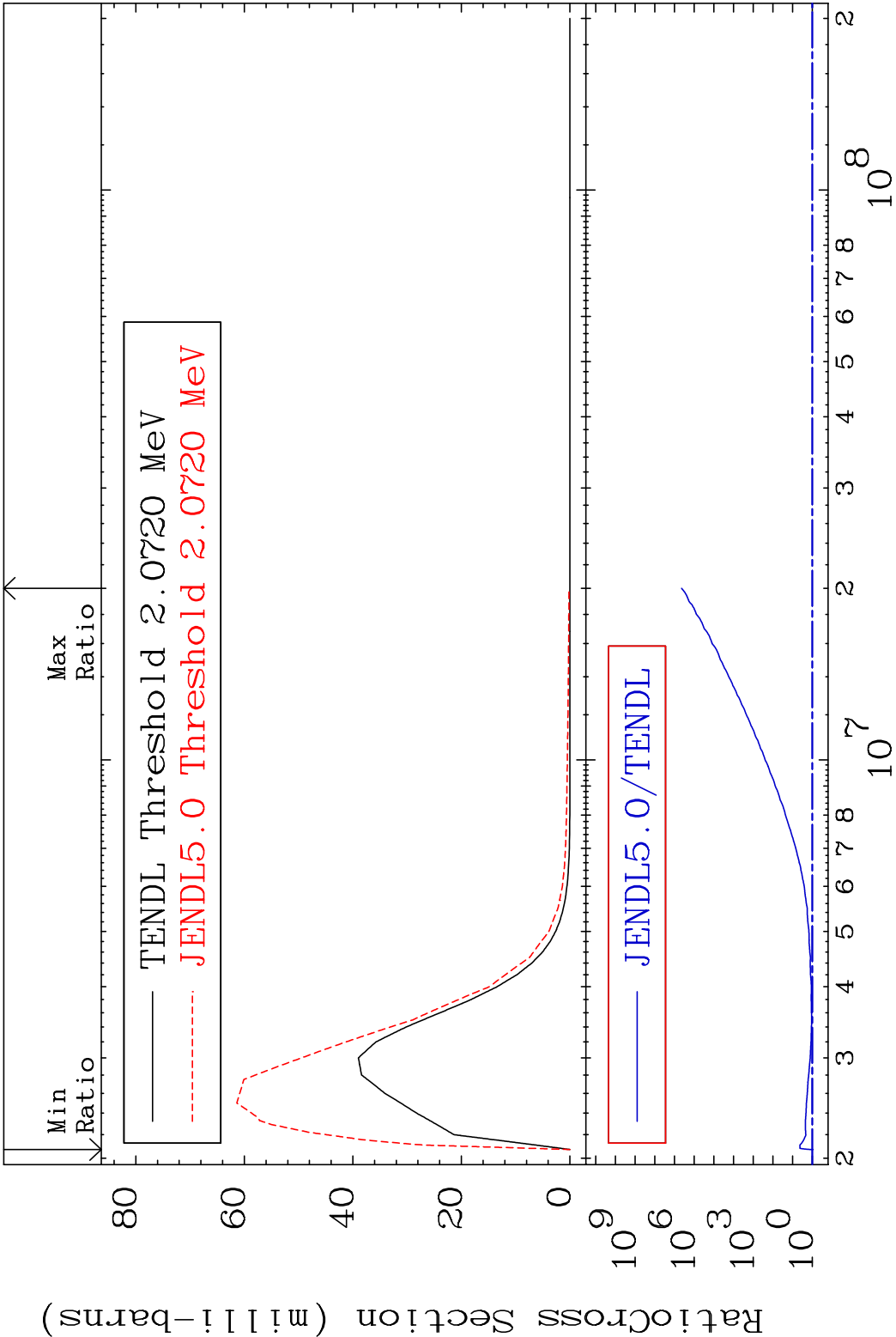
62-Sm-148

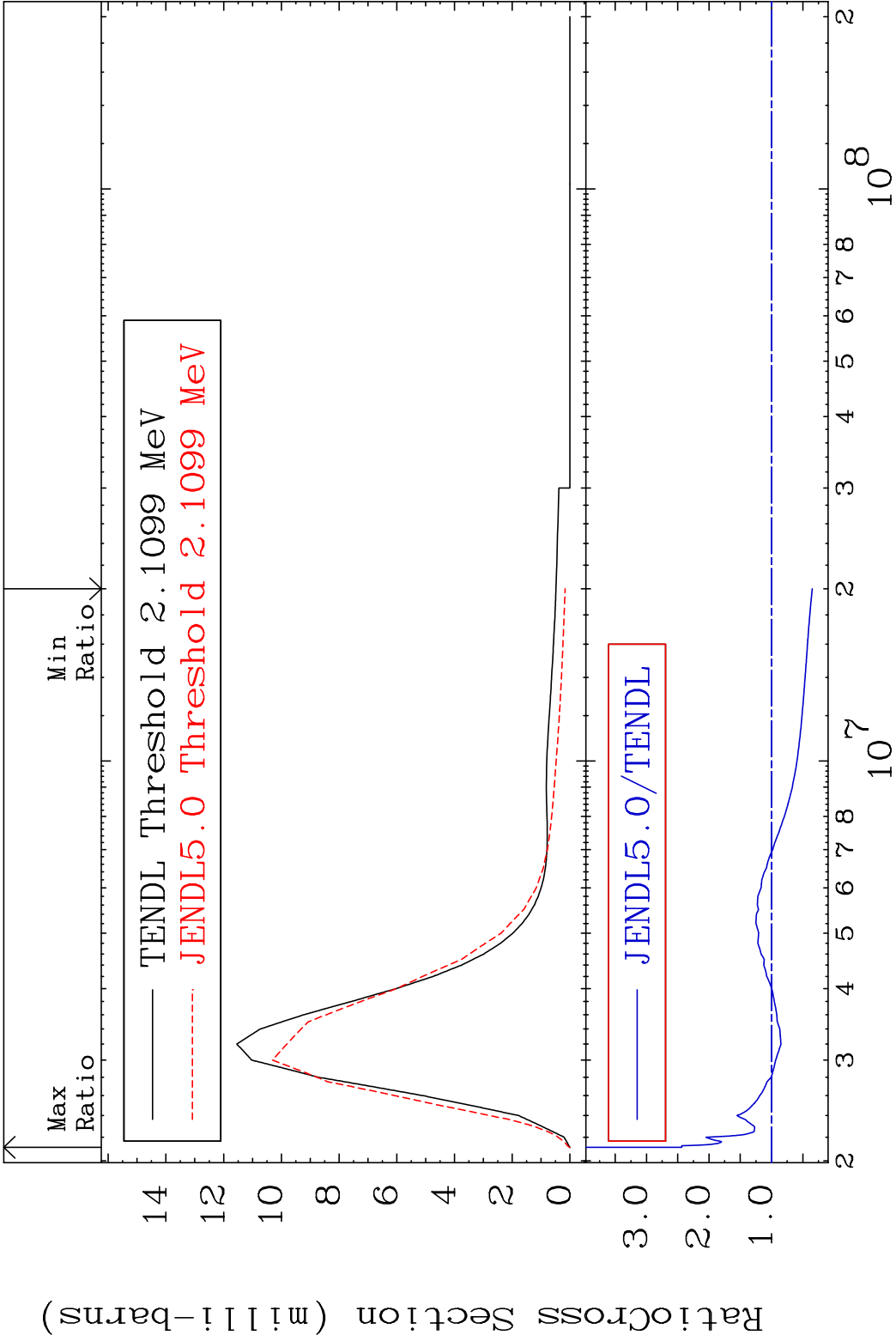
Cross Section

-100.0 To 2806. %



MAT 6237	MT= 71 (n,n')	Level	62-Sm-148
	Cross Section	0.000	To 9999. %





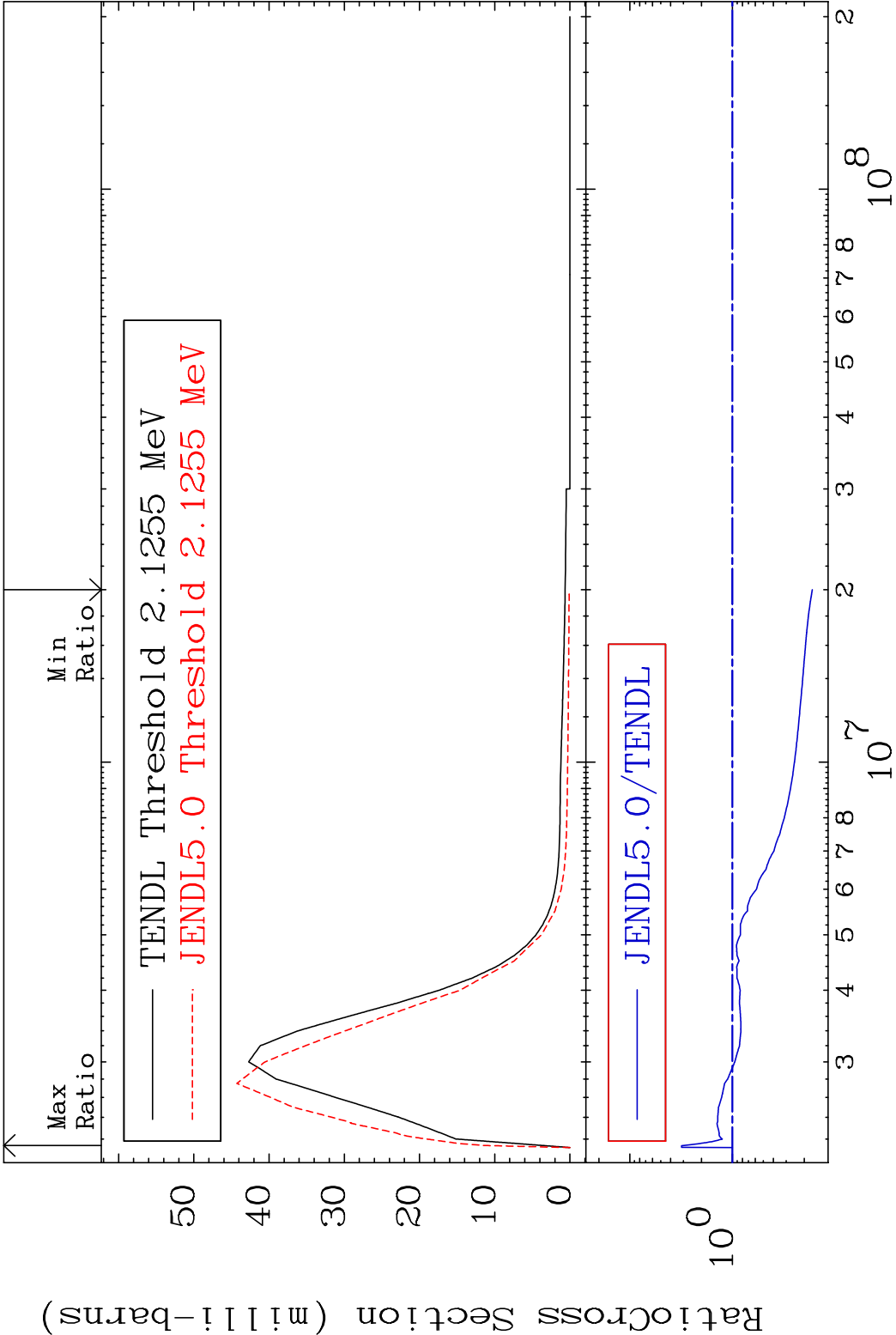
MAT 6237

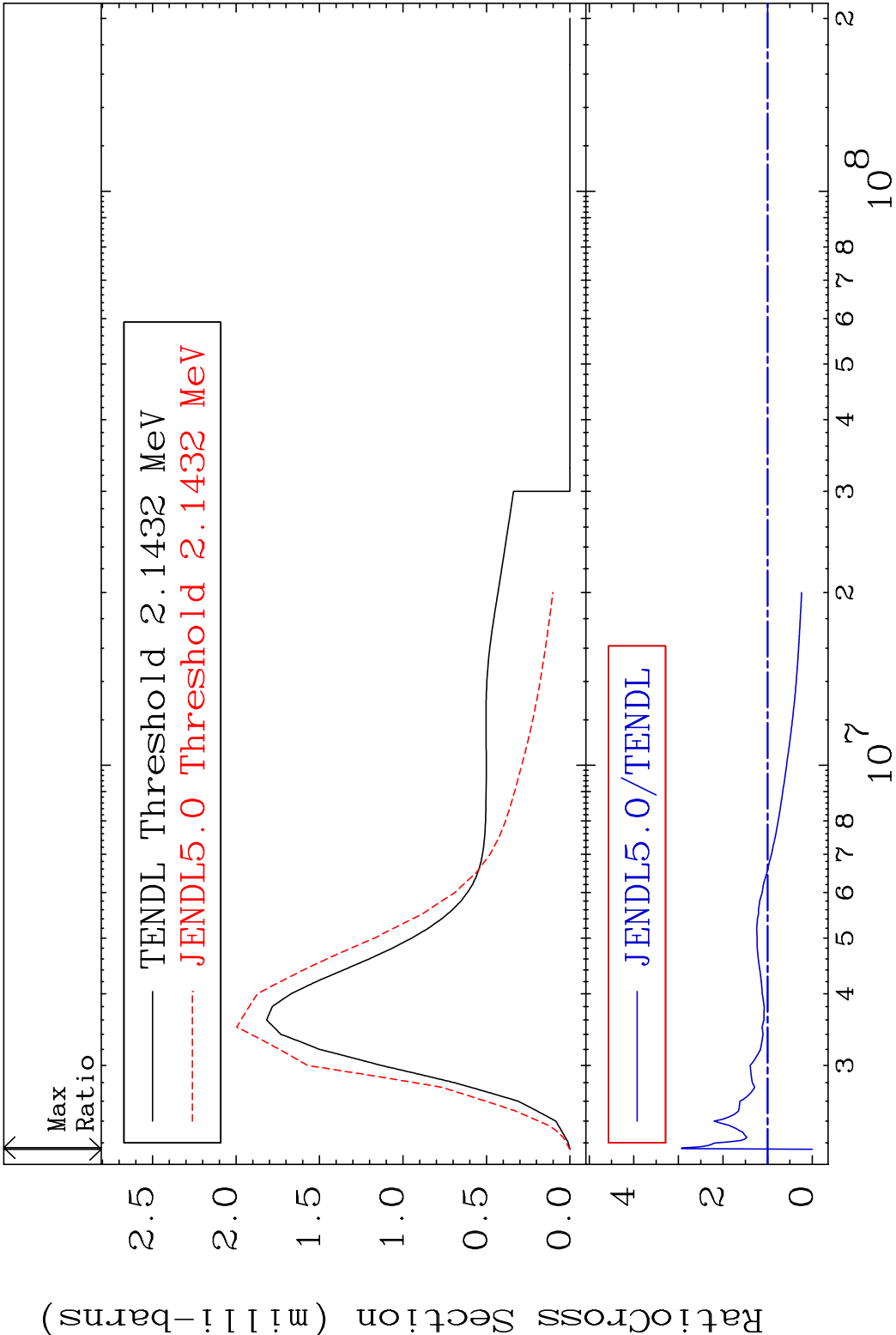
MT= 73 (n,n') Level

62-Sm-148

Cross Section

-83.29 To 213.3 %





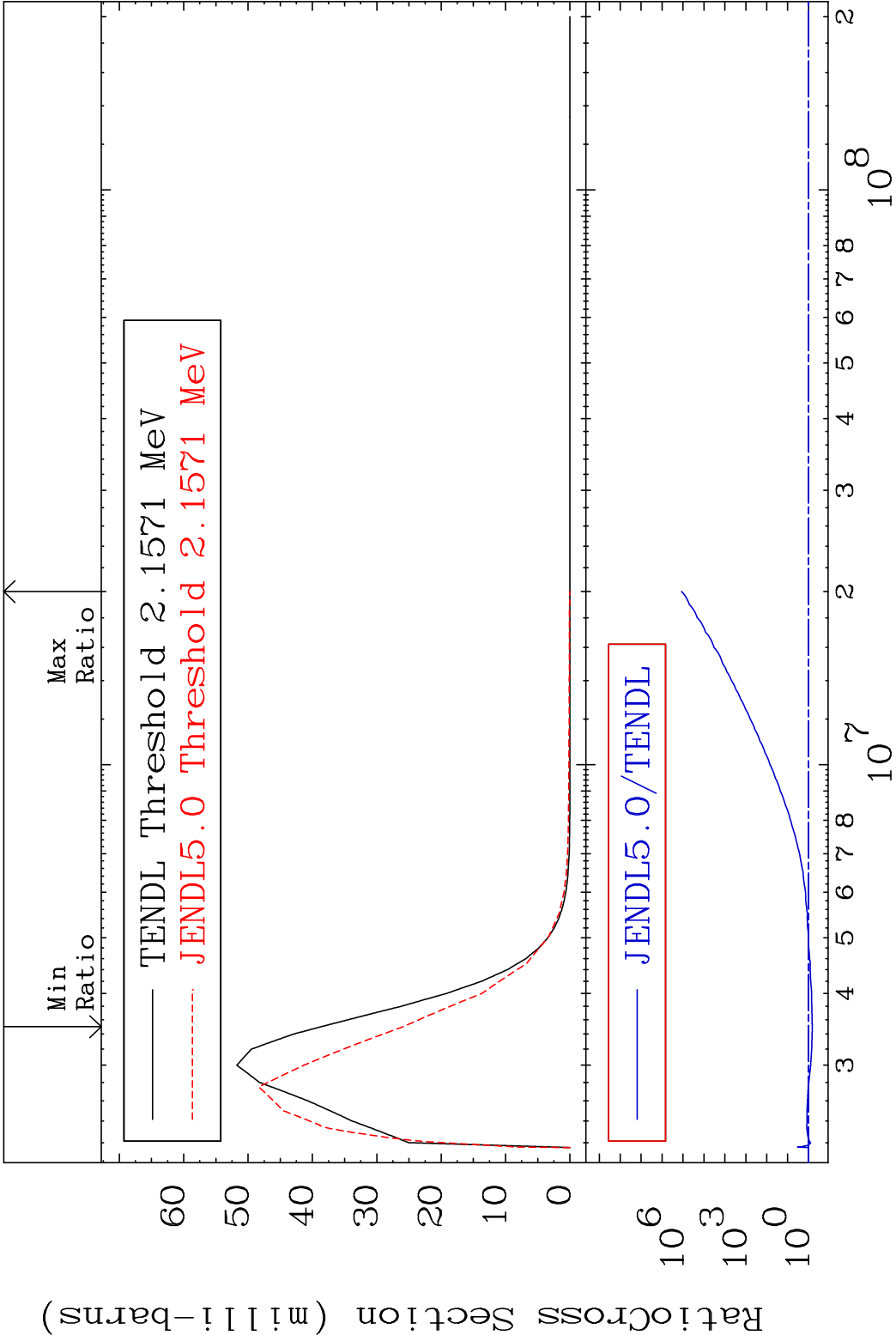
MAT 6237

MT= 75 (n,n') Level

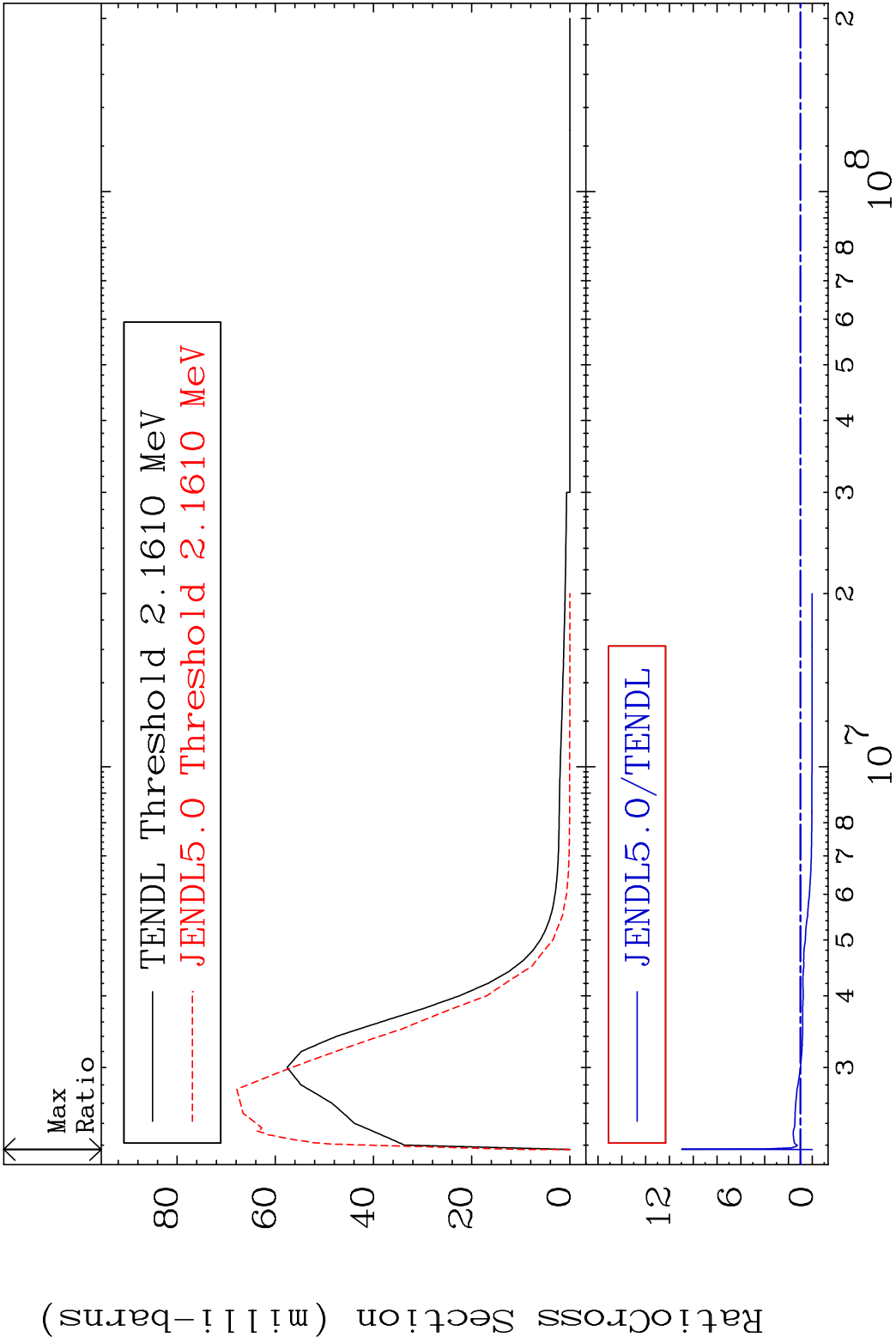
62-Sm-148

Cross Section

-32.96 To 9999. %



MAT 6237 MT= 76 (n,n') Level 62-Sm-148
 Cross Section -100.0 To 997.9 %



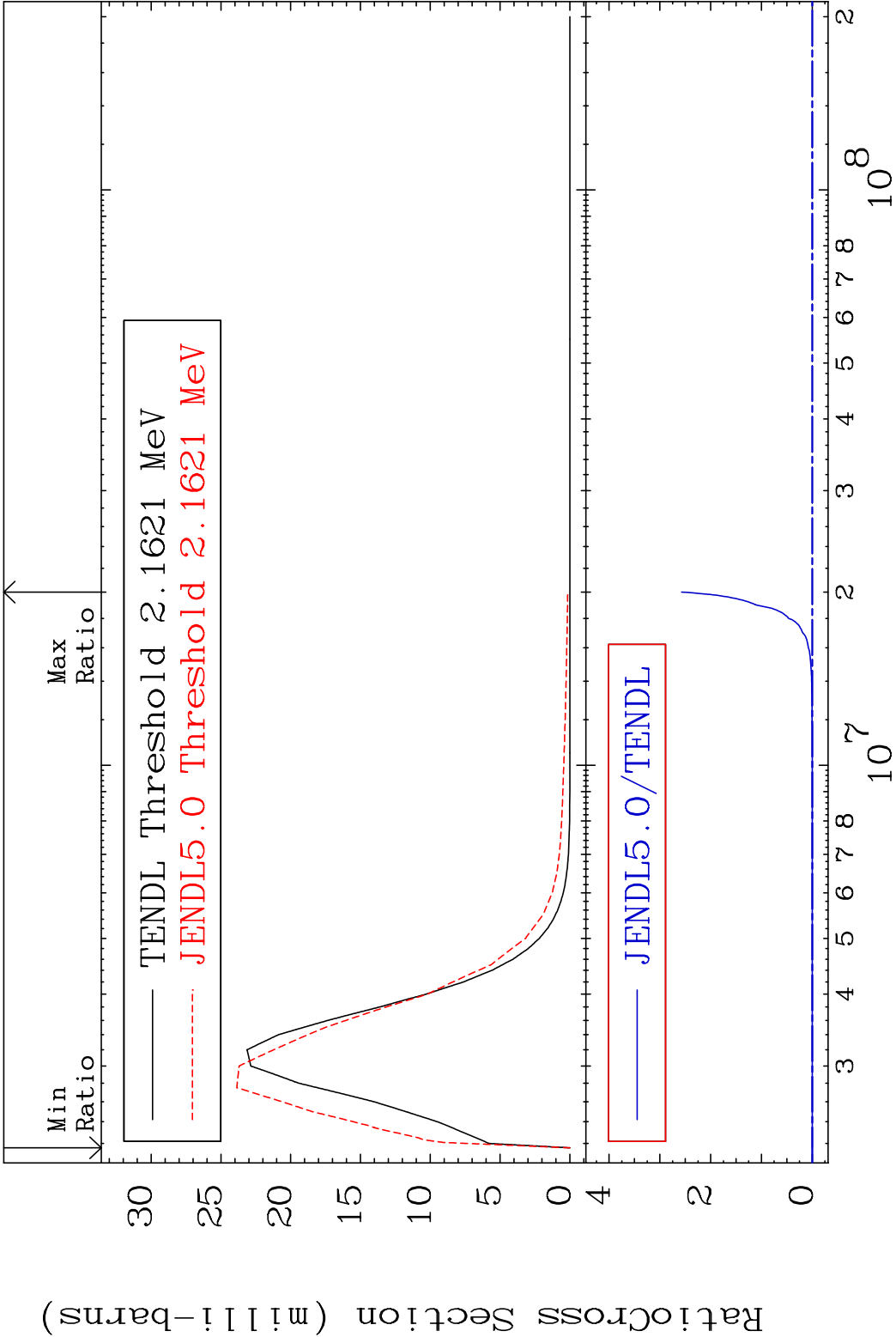
MAT 6237

MT= 77 (n,n') Level

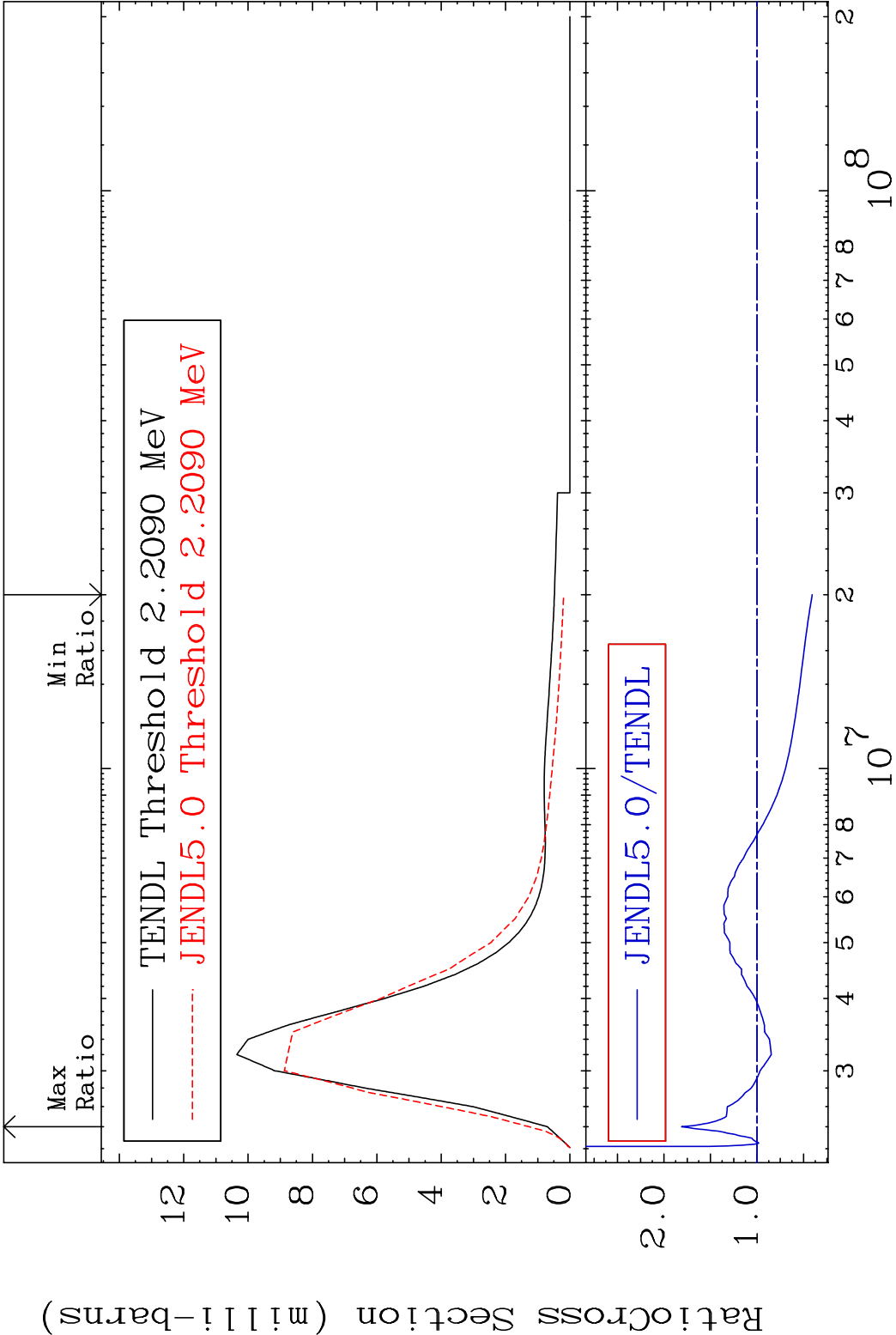
62-Sm-148

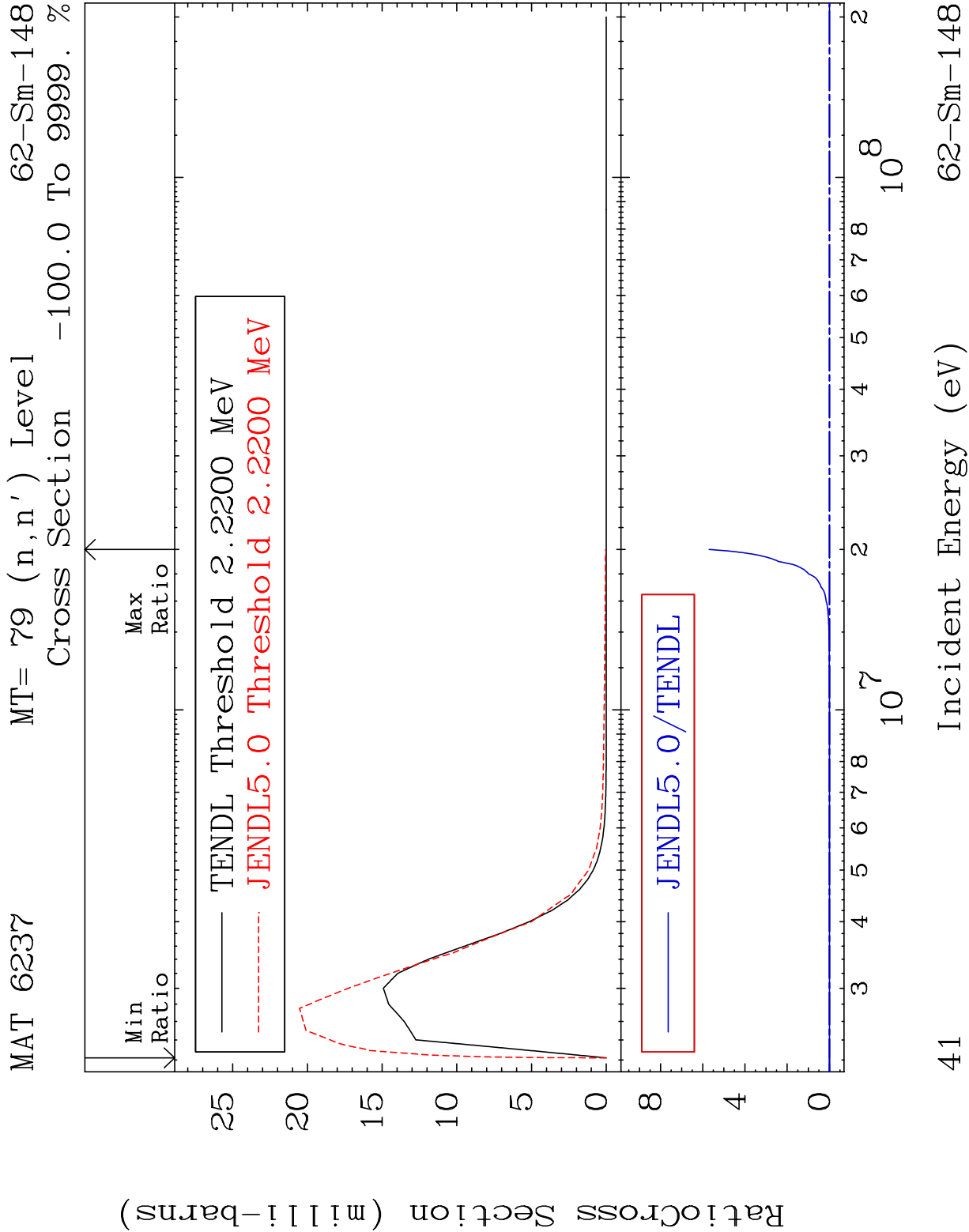
Cross Section

-100.0 To 9999. %

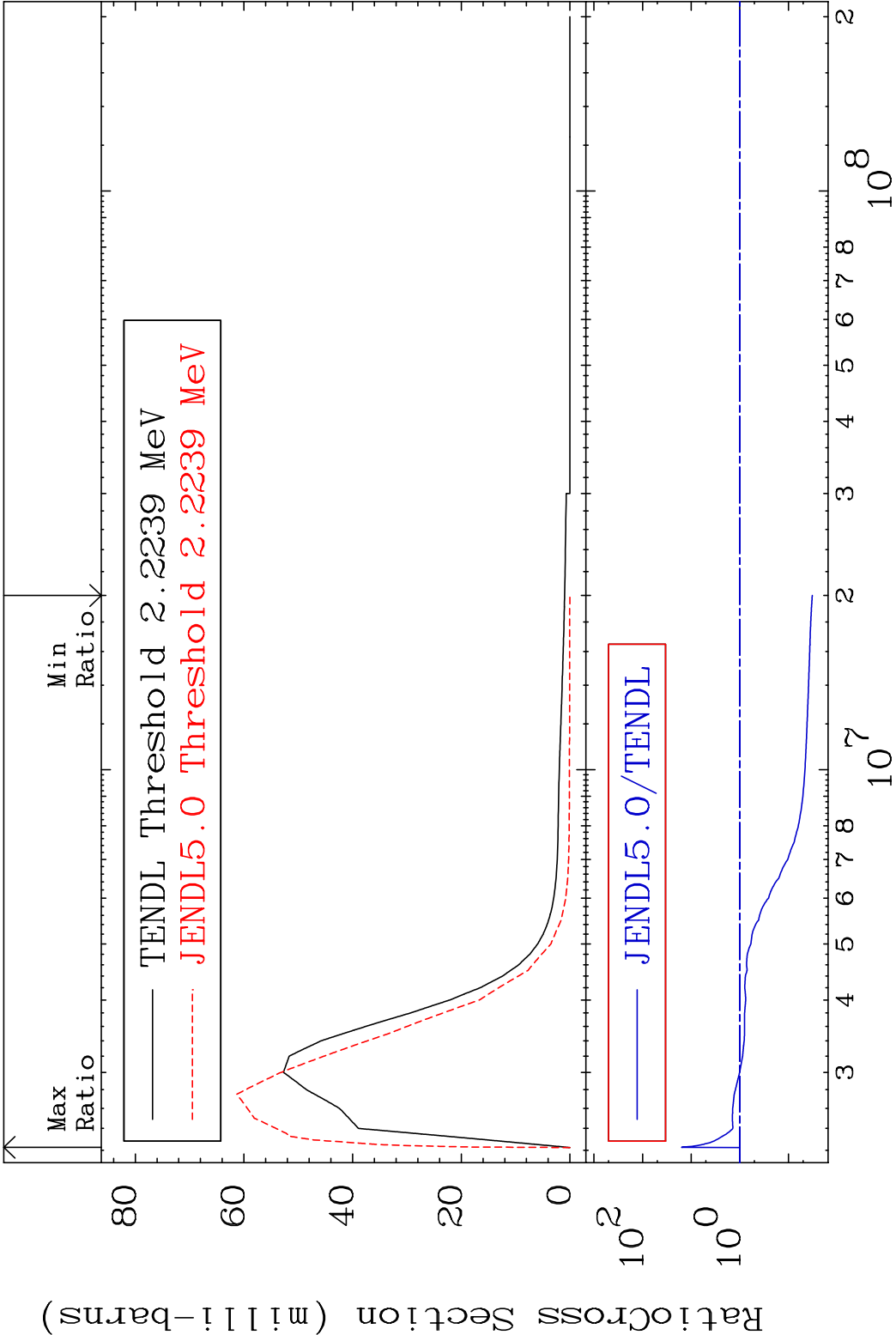


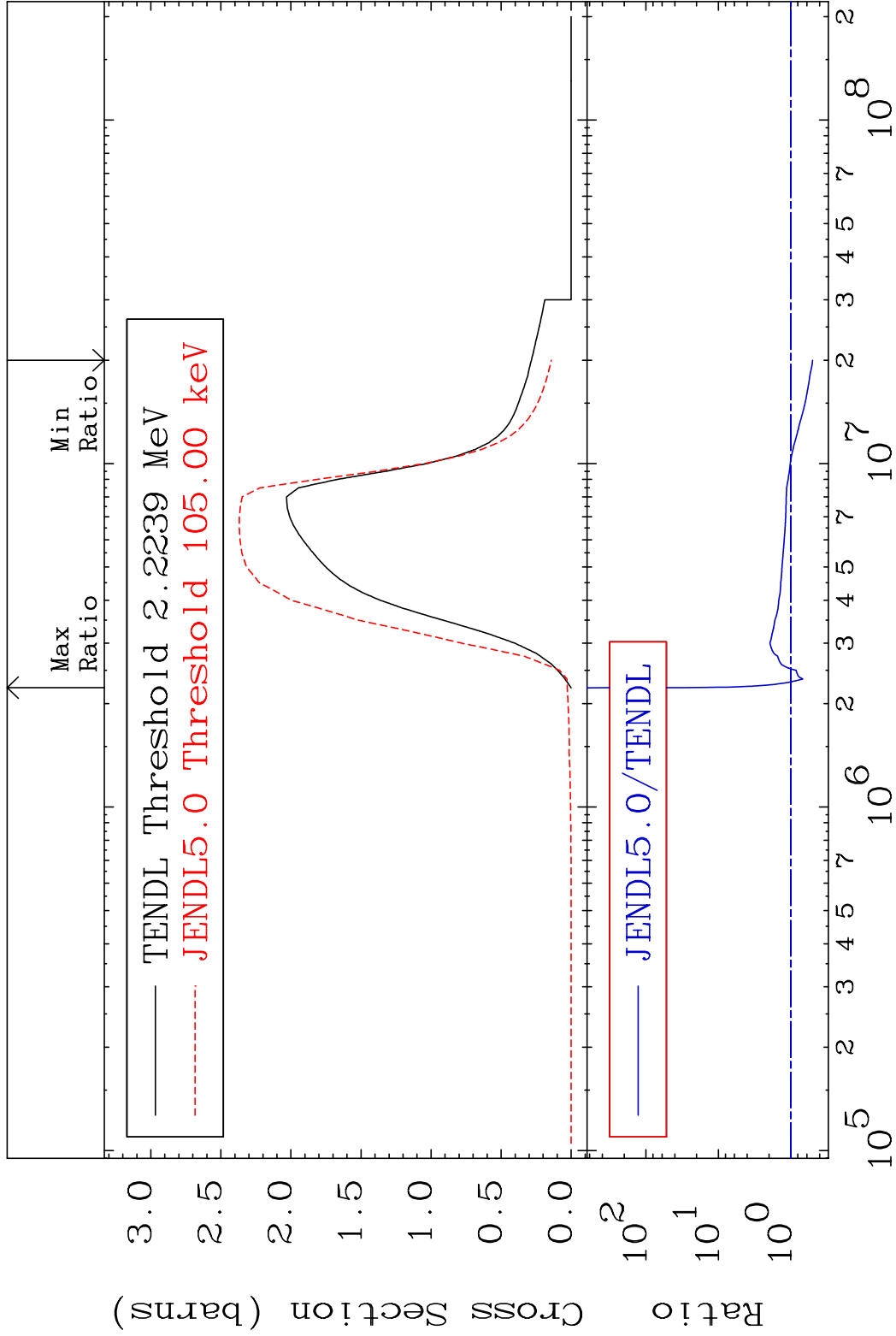
MAT 6237 MT= 78 (n,n') Level 62-Sm-148
Cross Section -59.27 To 81.10 %

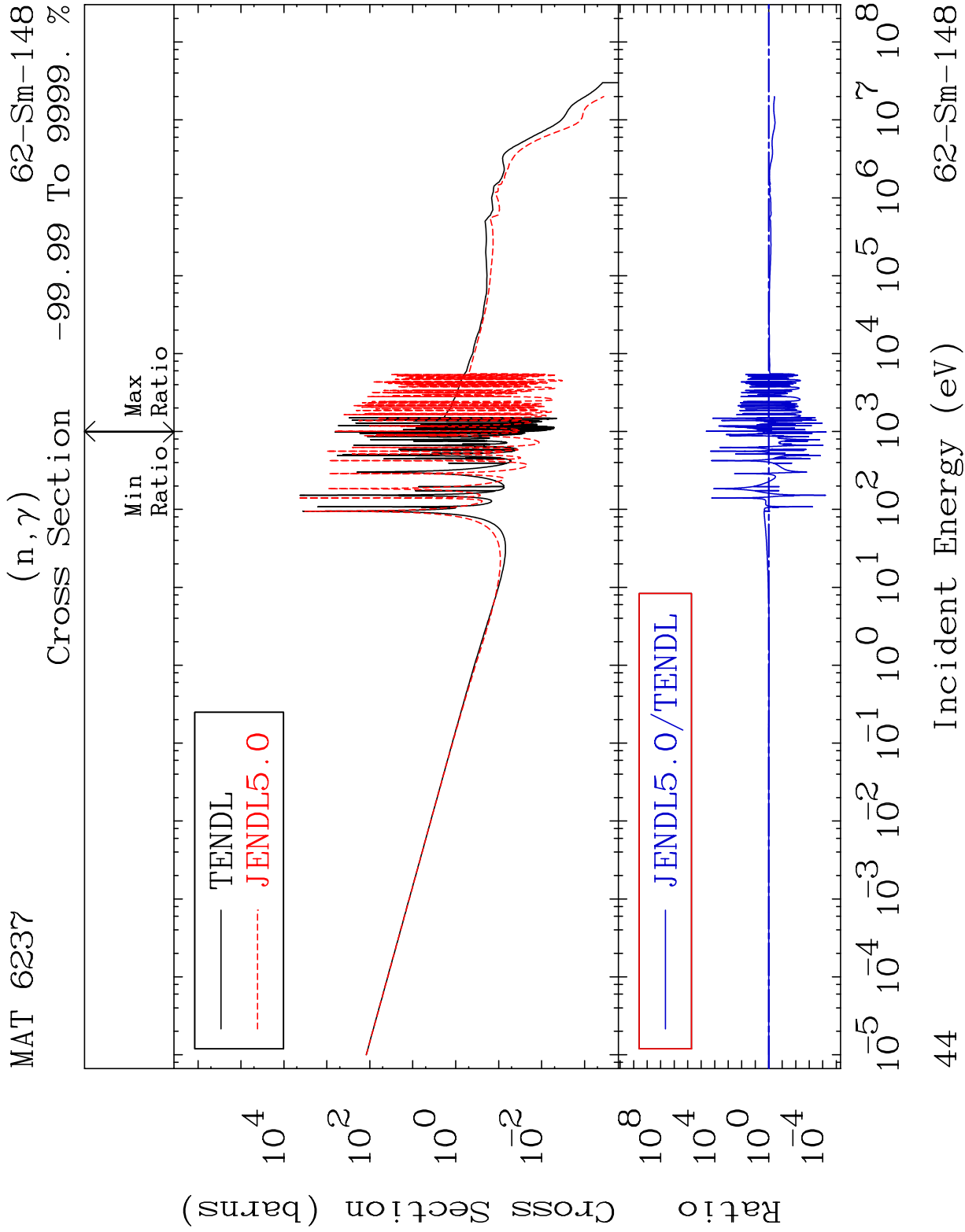


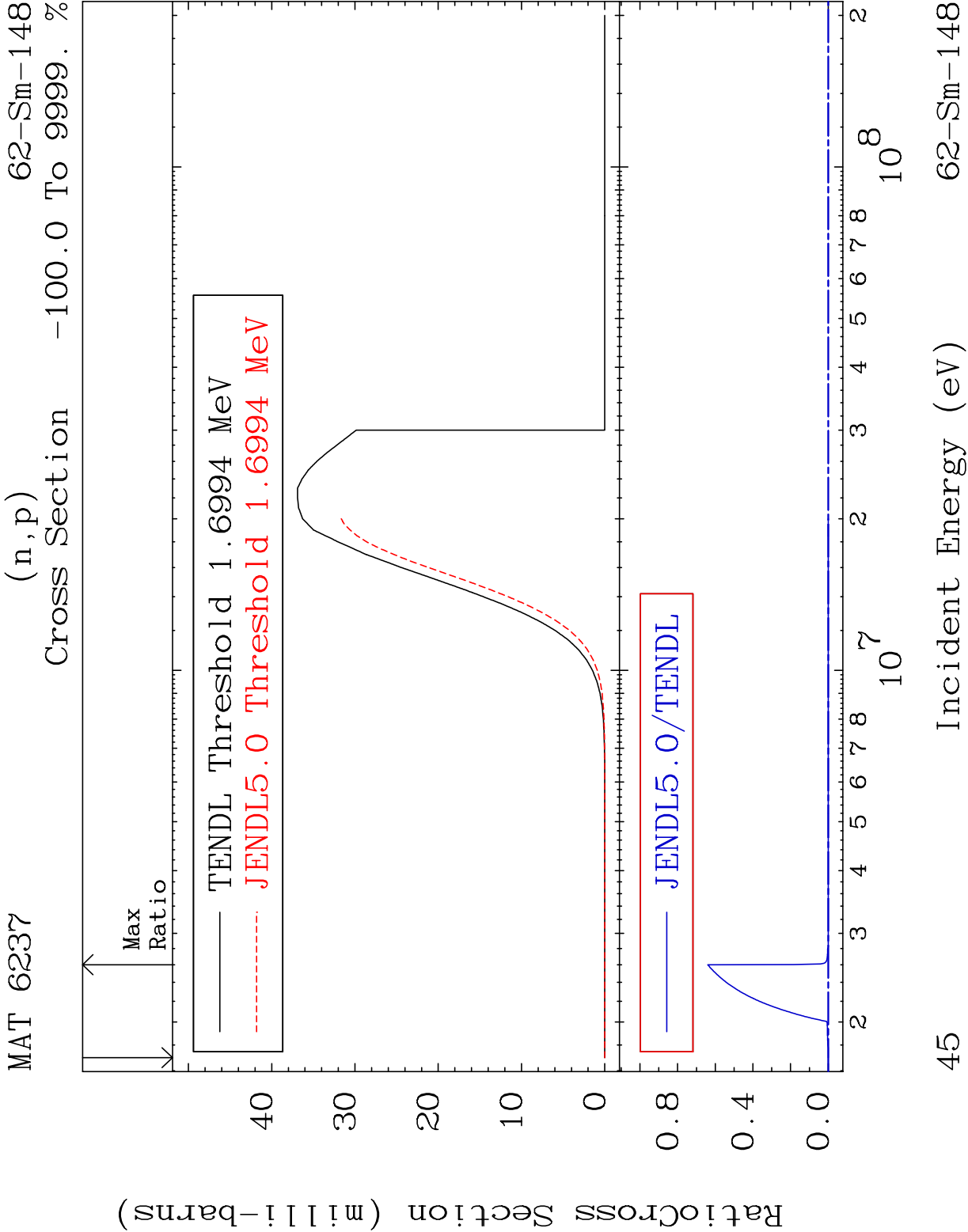


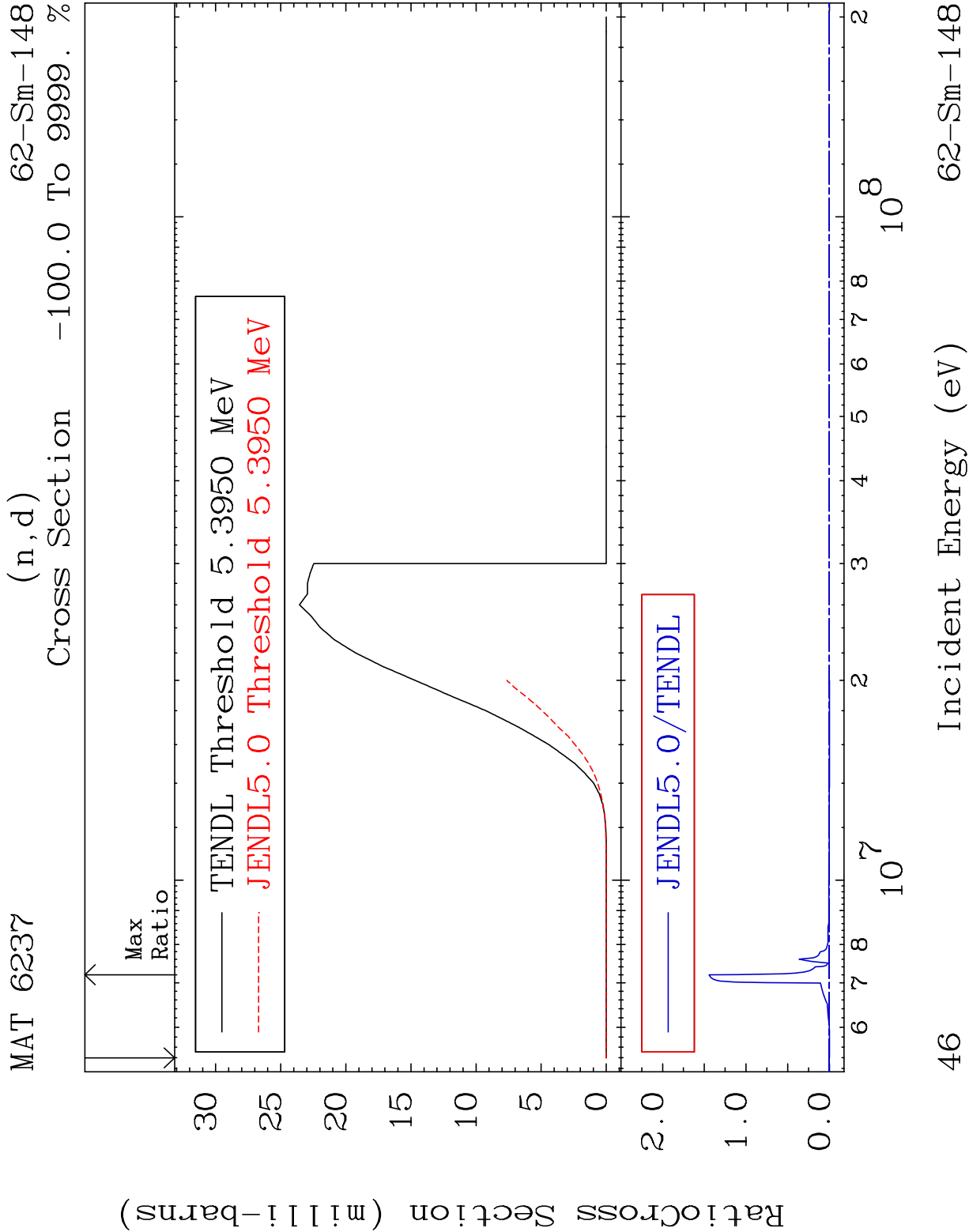
MAT 6237 MT= 80 (n,n') Level 62-Sm-148
Cross Section -96.76 To 1481. %

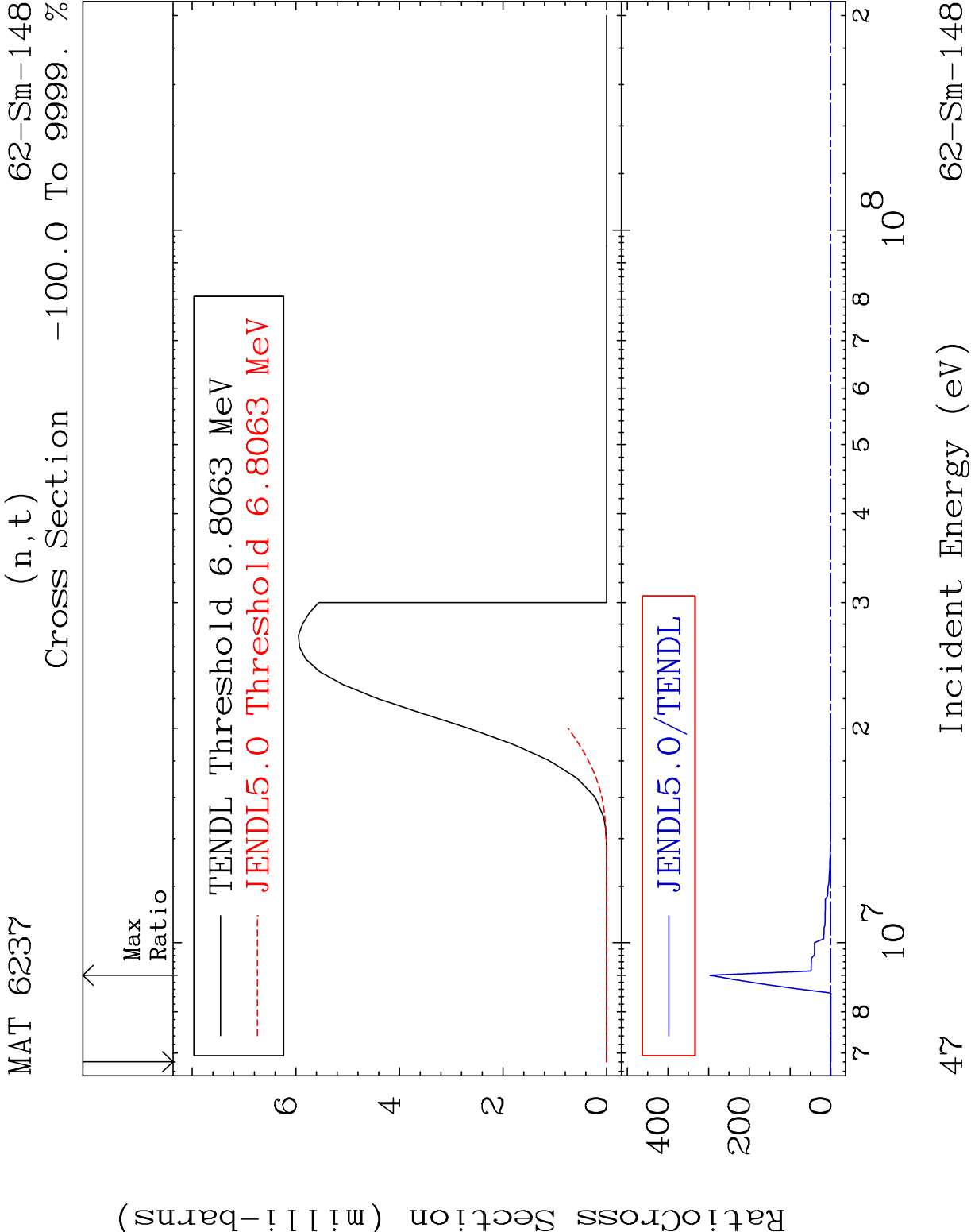


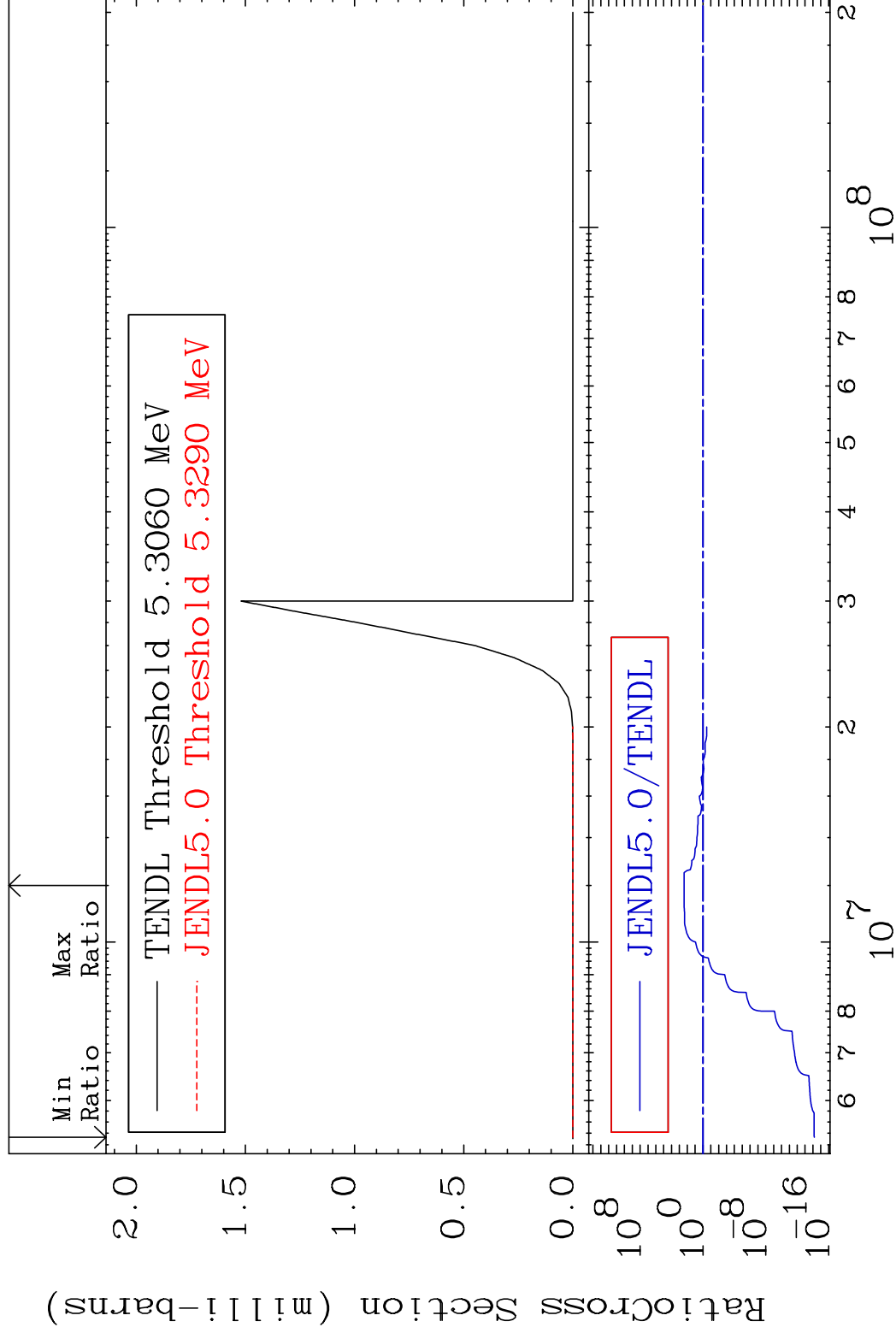


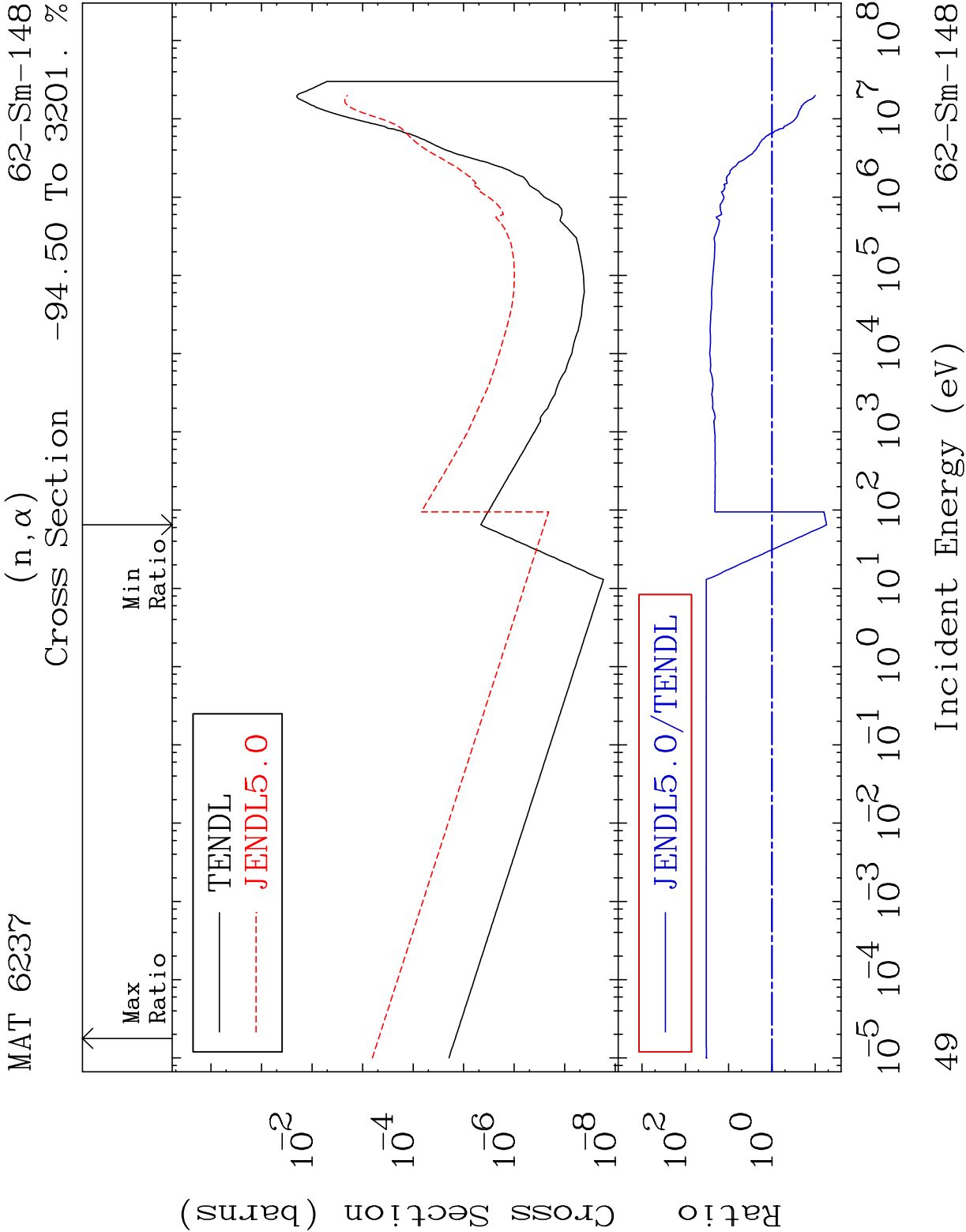


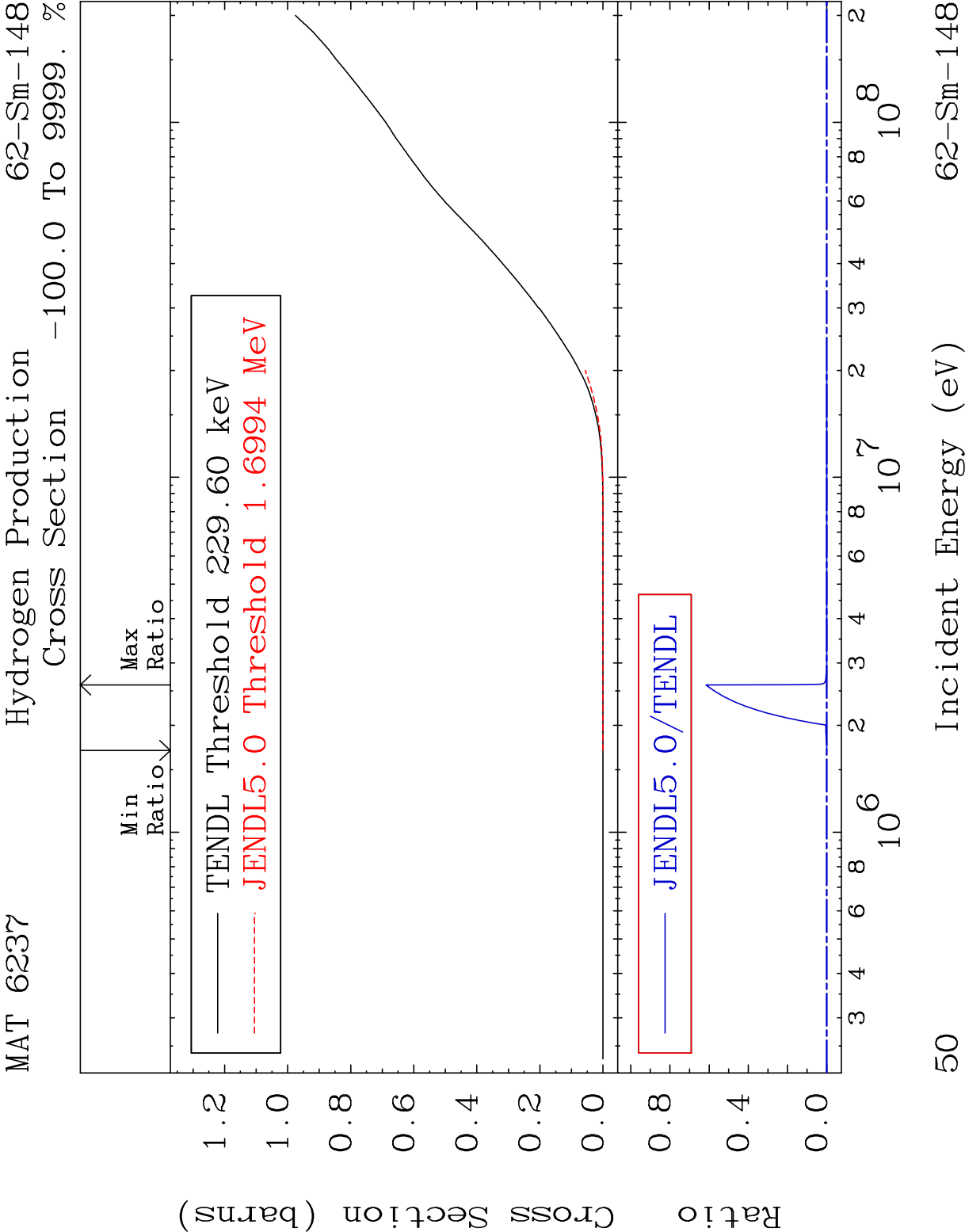


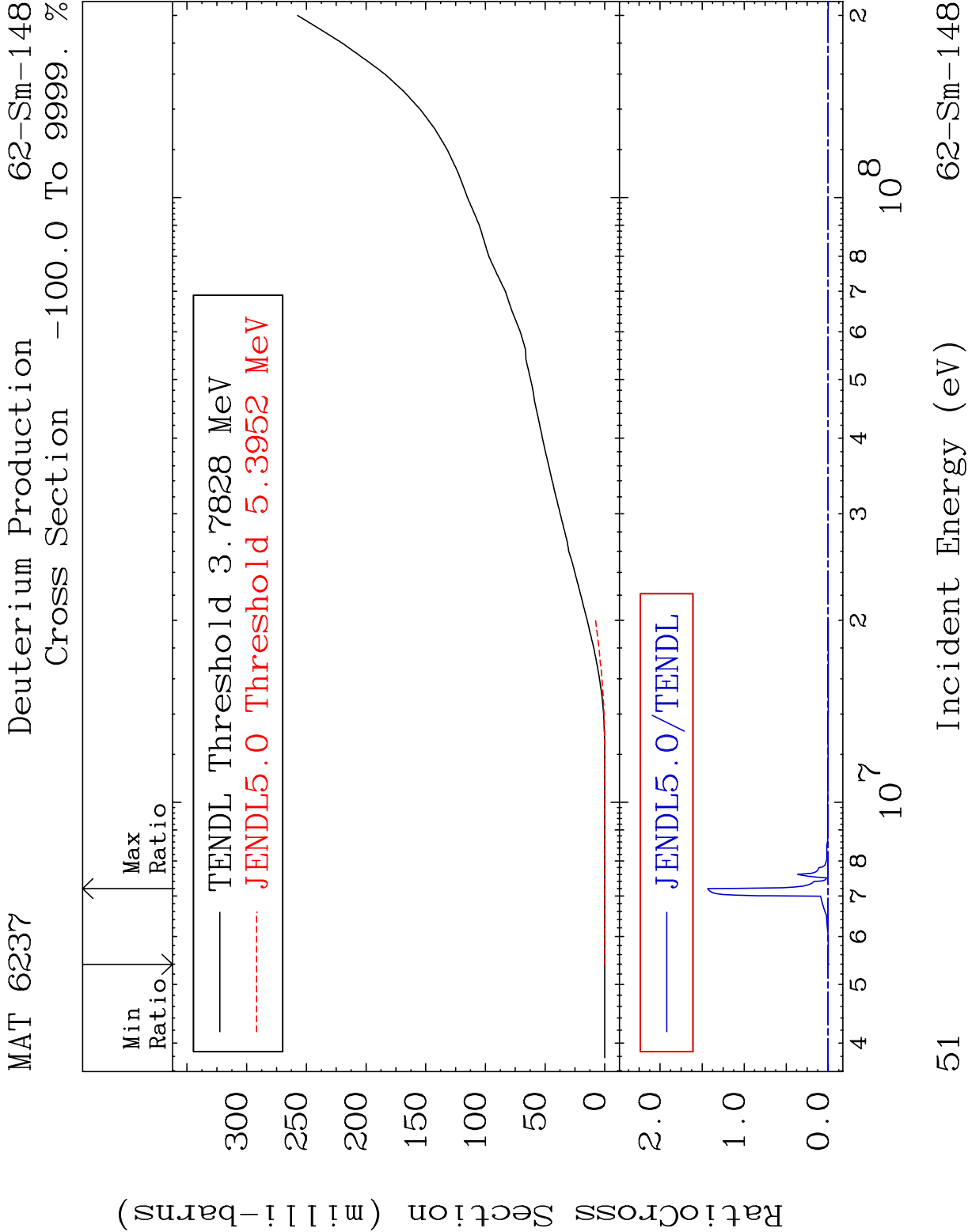








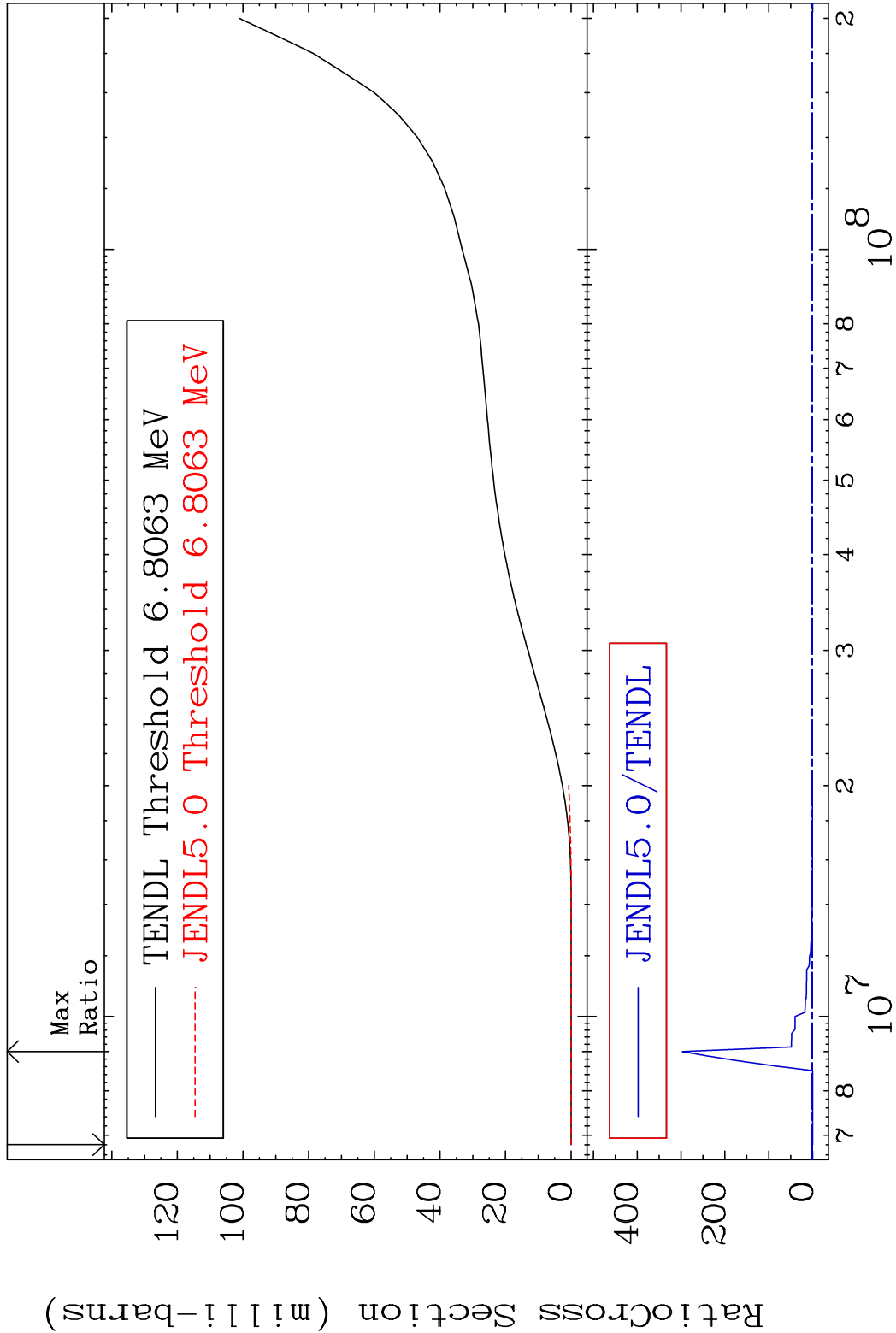


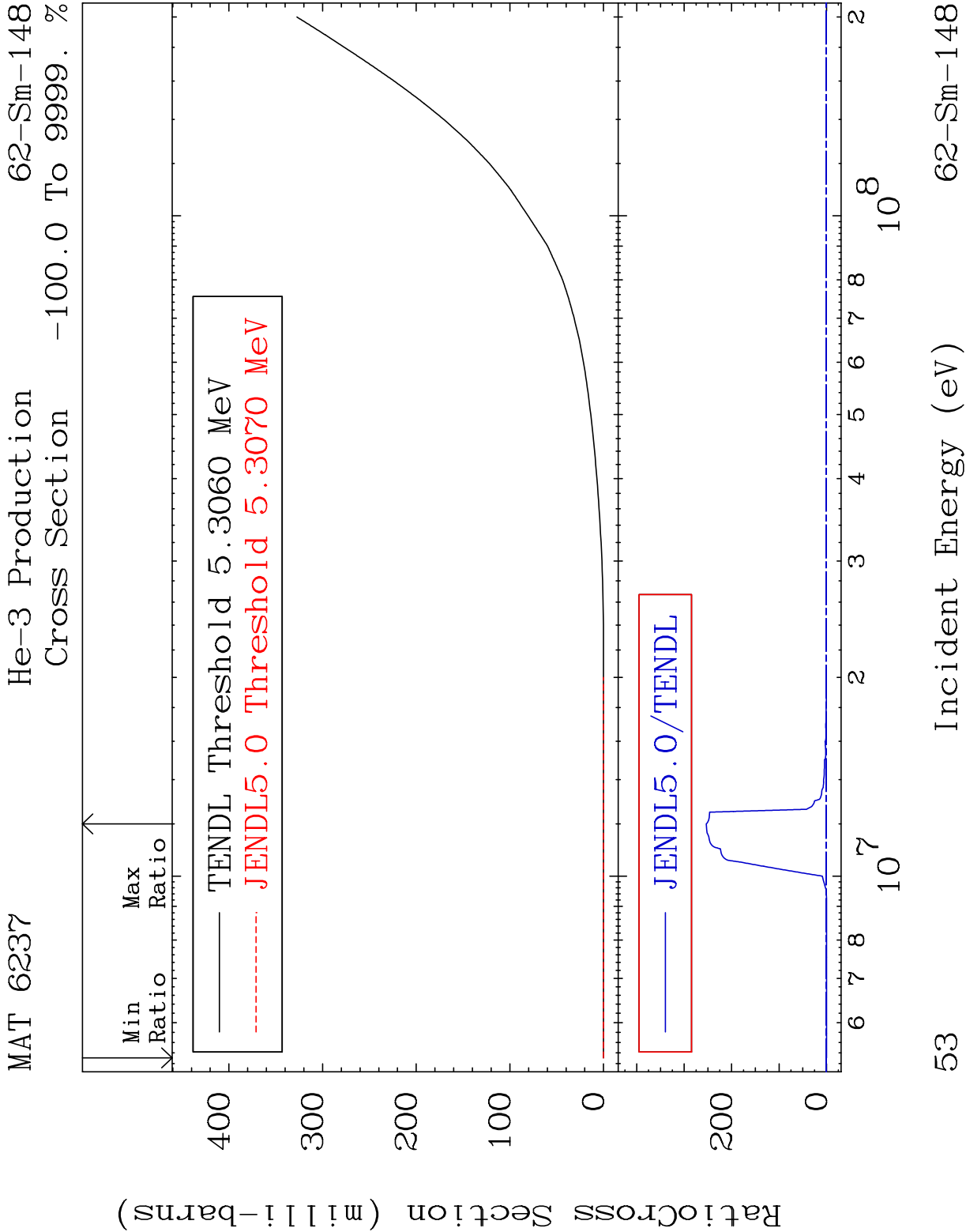


51

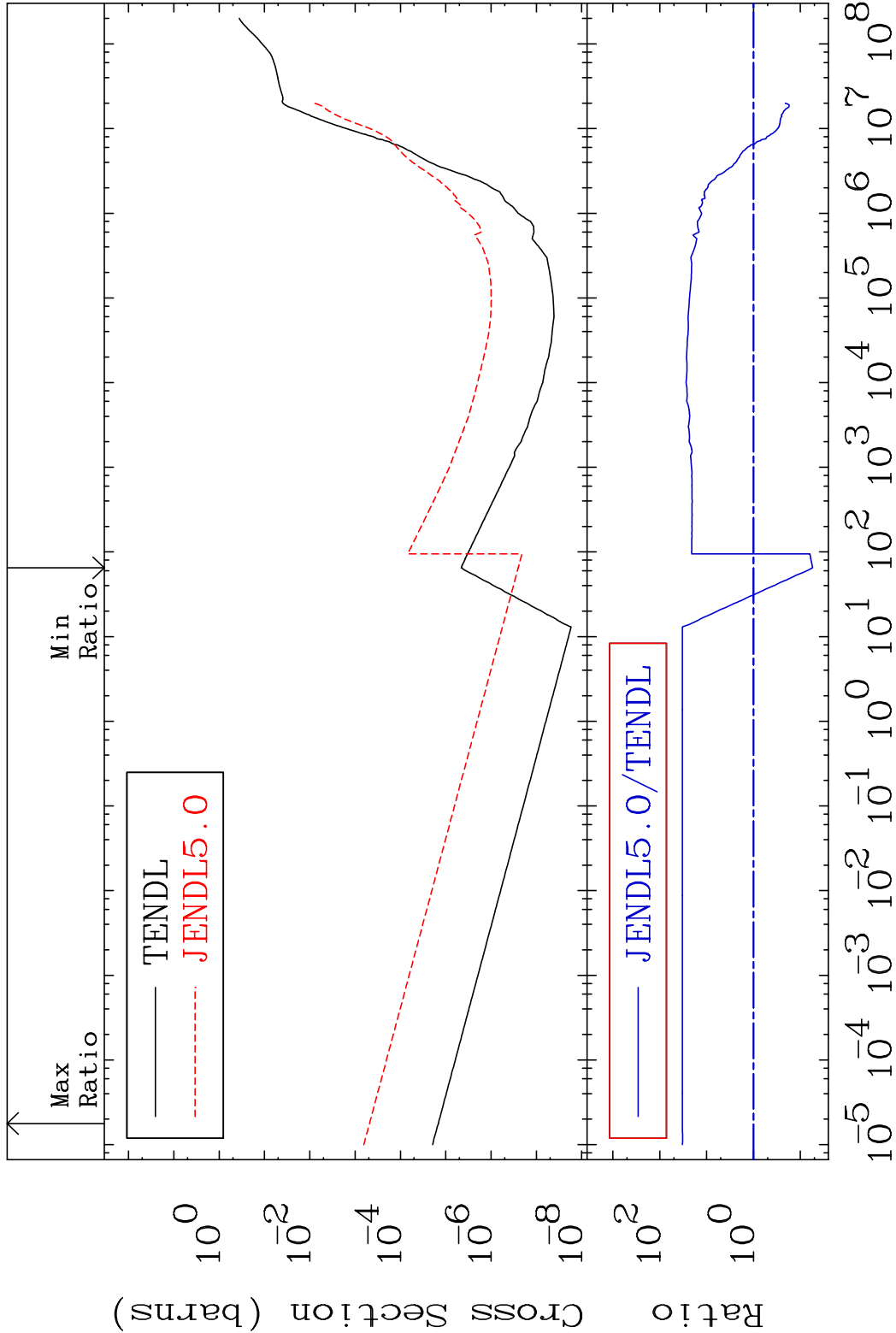
Incident Energy (eV)

62-Sm-148



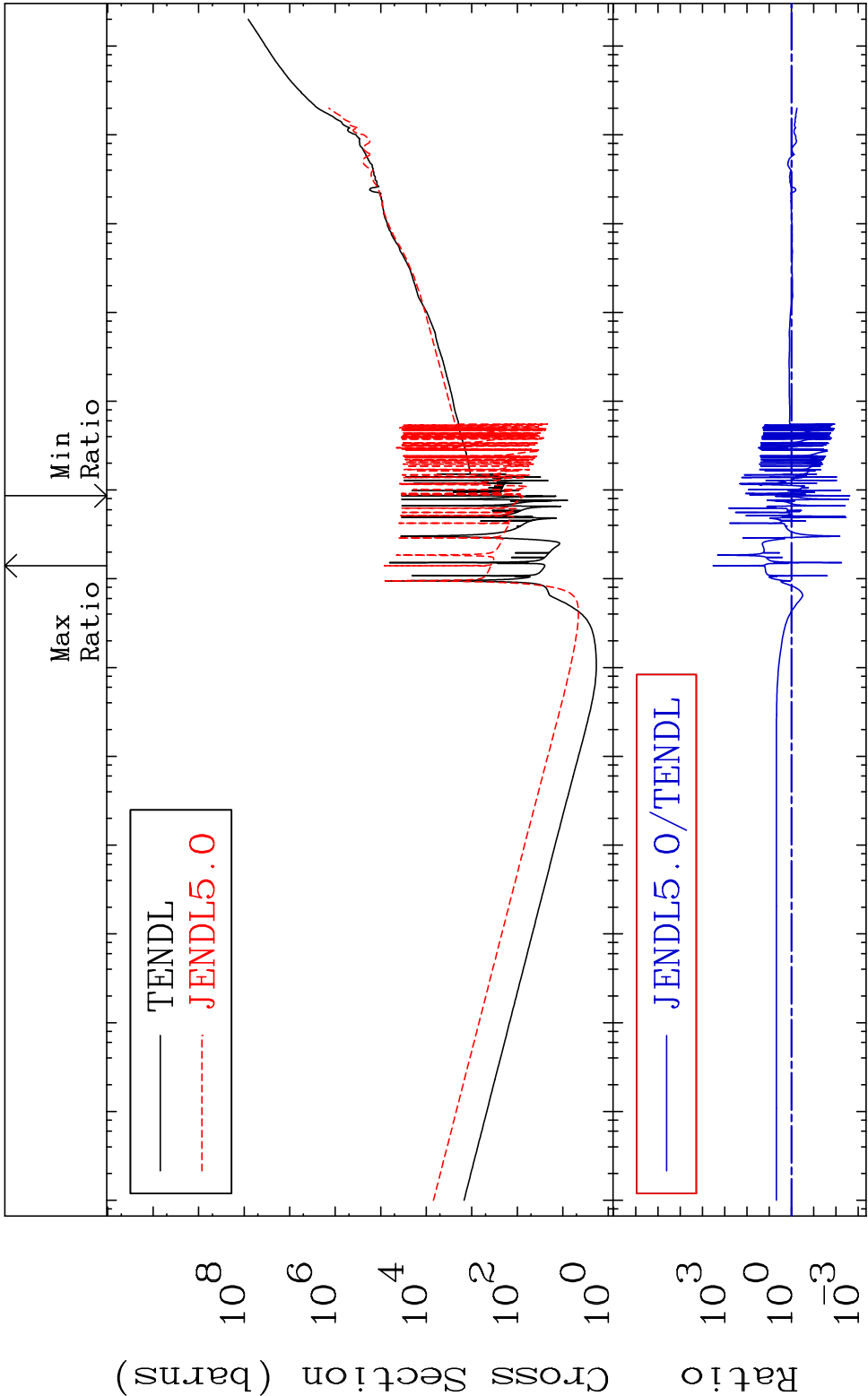


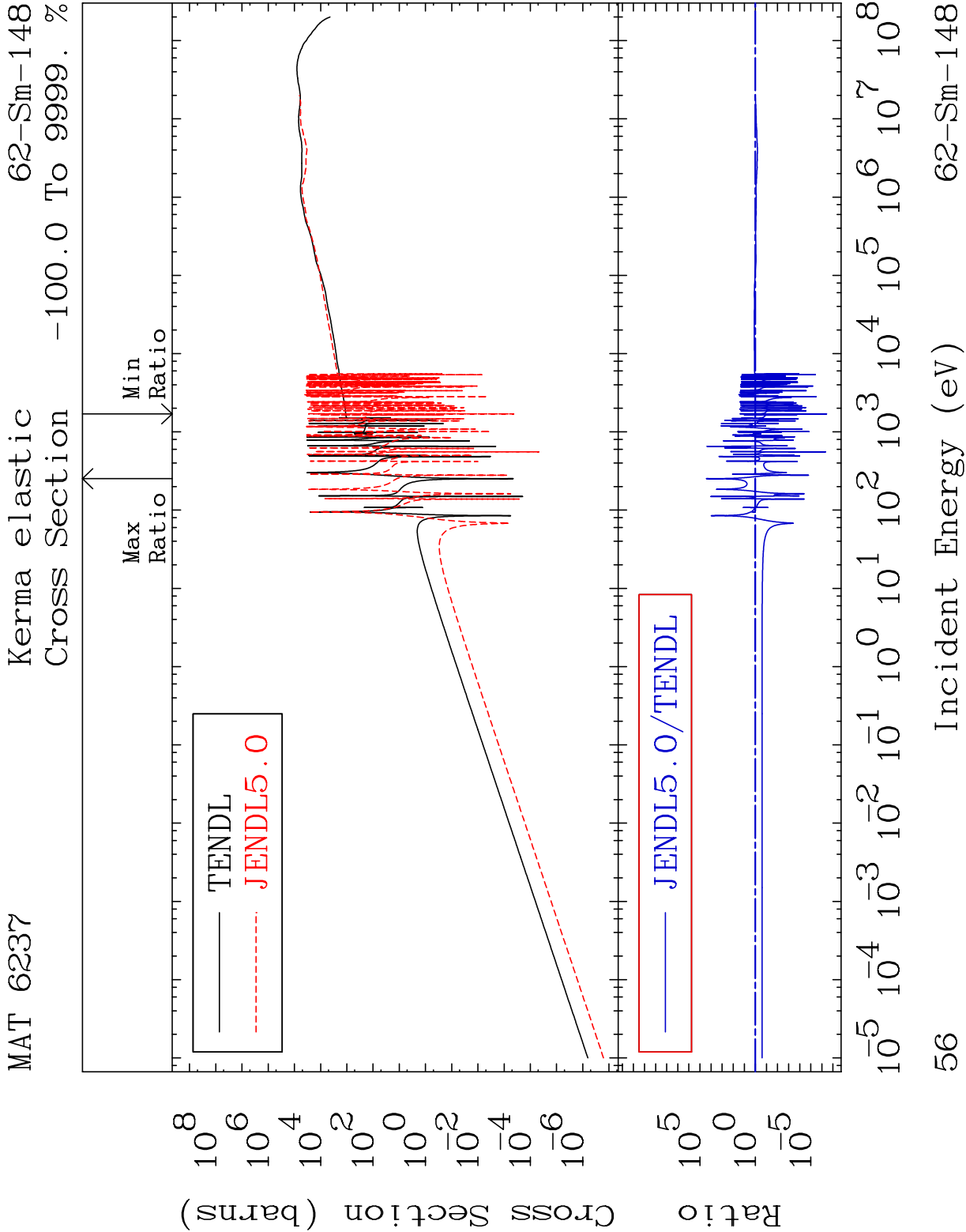
MAT 6237 He-4 Production 62-Sm-148
Cross Section -94.50 To 3201. %



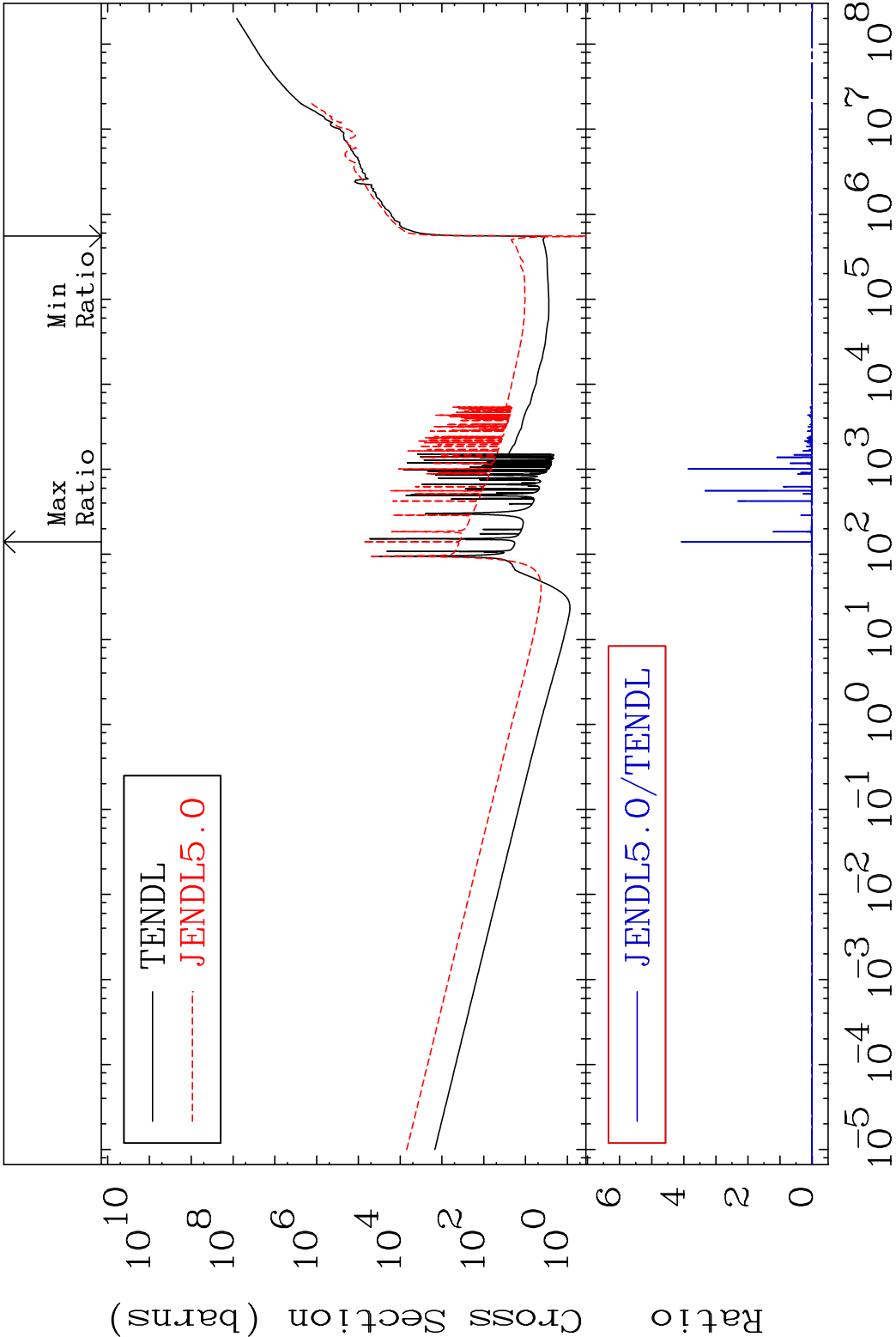
54 Incident Energy (eV) 62-Sm-148

MAT 6237 Kerma total (eV-barns) 62-Sm-148
Cross Section -99.76 To 9999. %



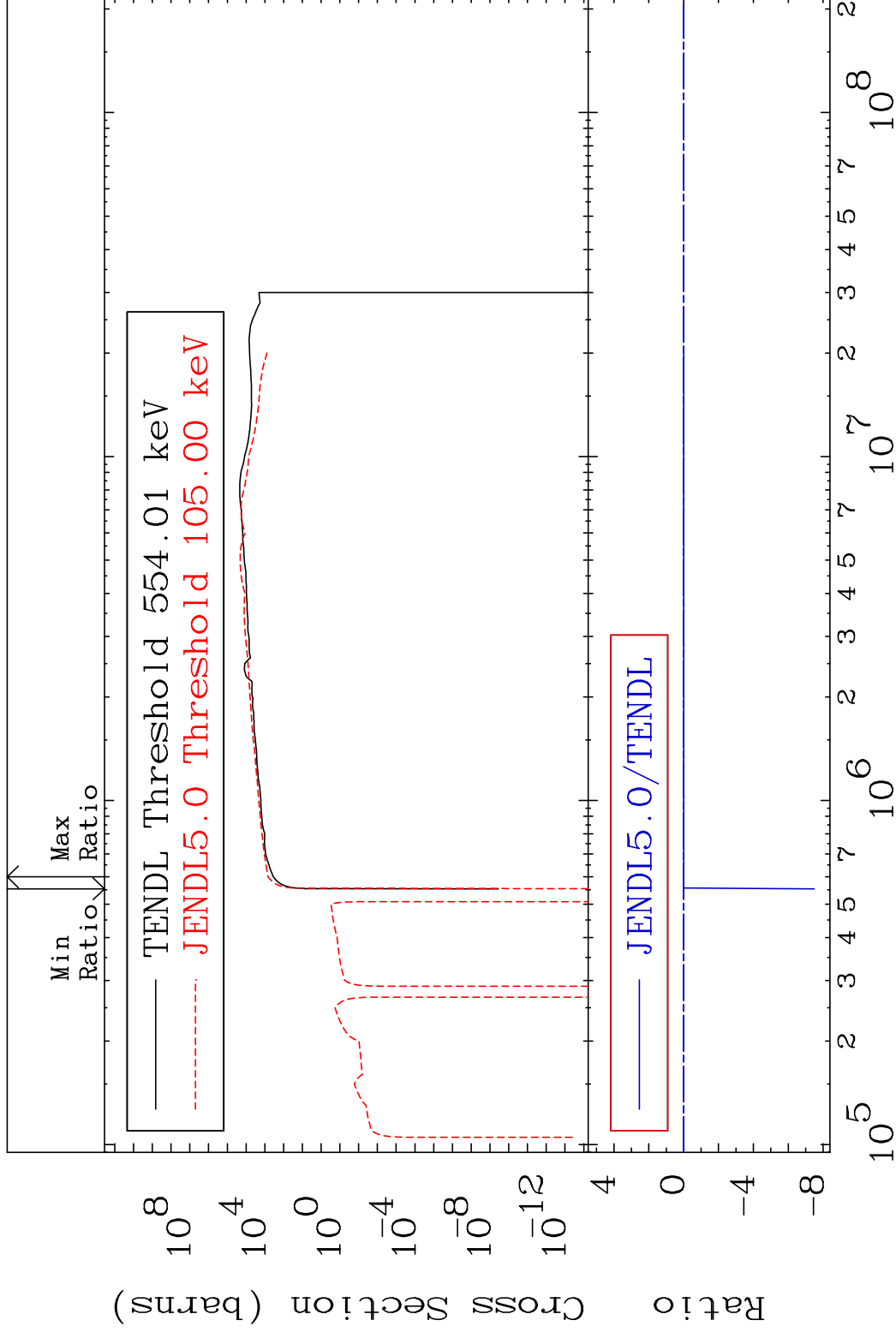


MAT 6237 Kerma non-elastic (all but mt2) 62-Sm-148
 Cross Section -250.3 To 9999. %



MAT 6237

Kerma inelastic (mt51-91) 62-Sm-148
Cross Section -9999. To 92.80 %

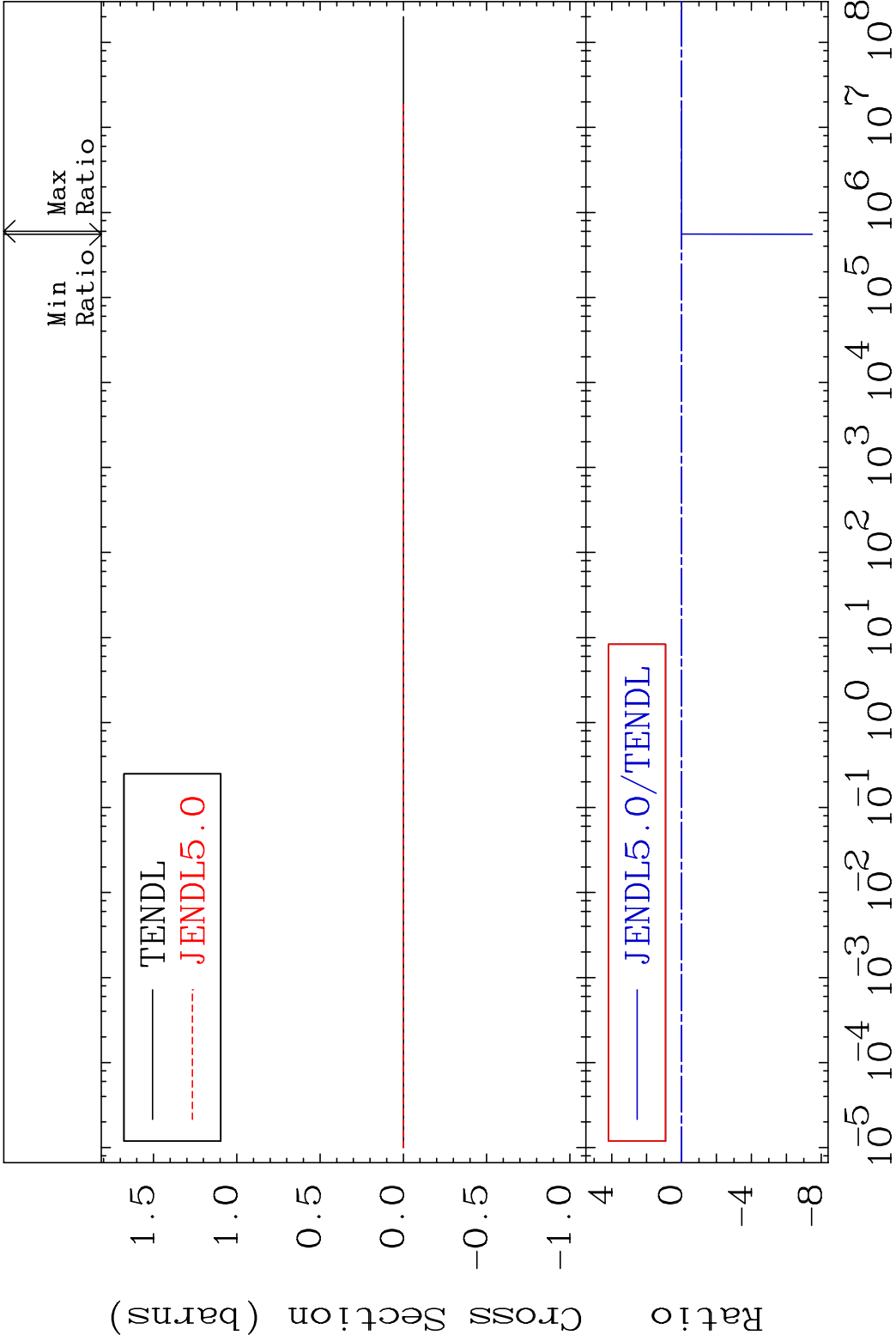


85

Incident Energy (eV)

62-Sm-148

MAT 6237 Kerma fission (mt18 or mt19-20-21-38)62-Sm-148
Cross Section -9999. To 92.80 %

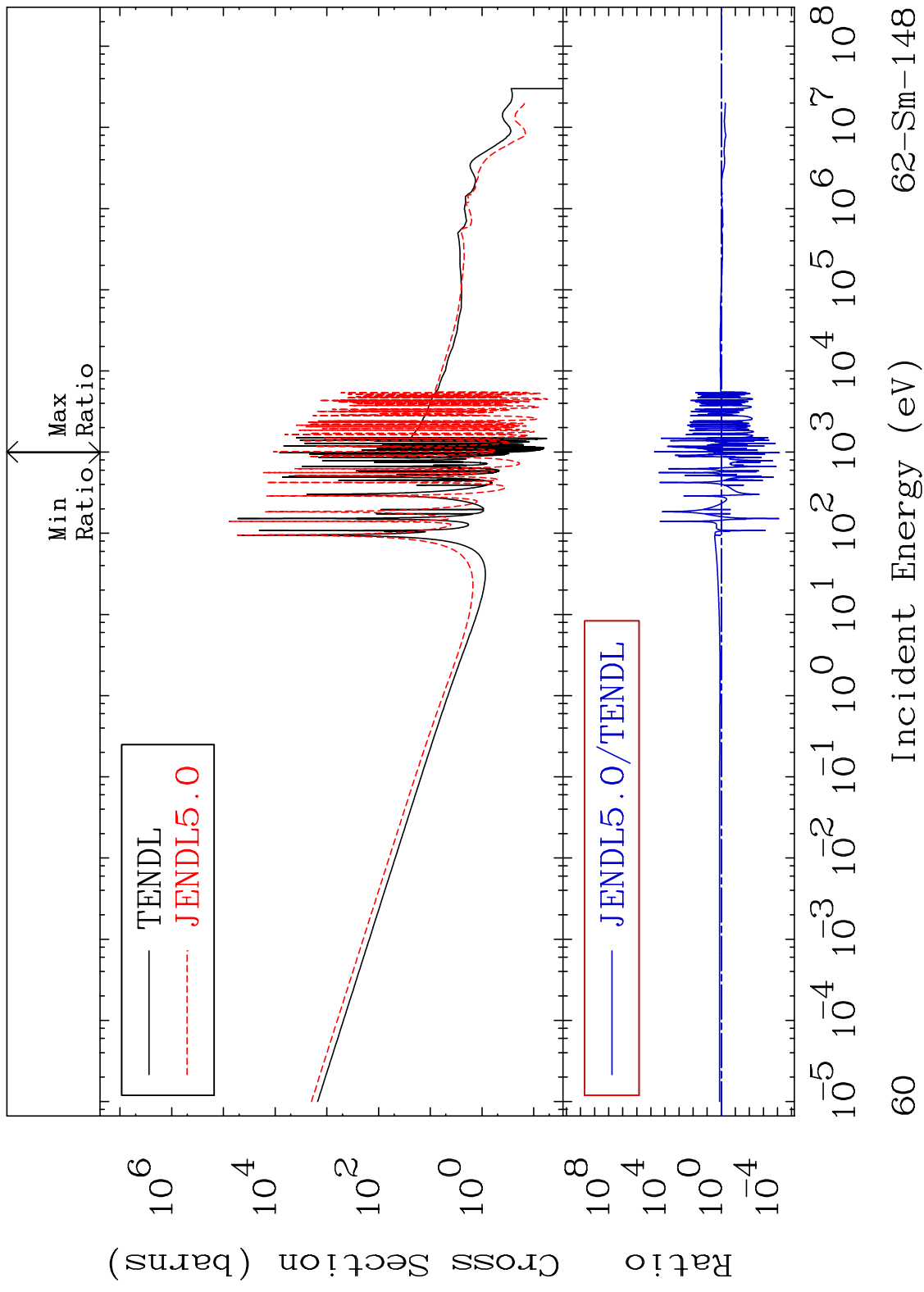


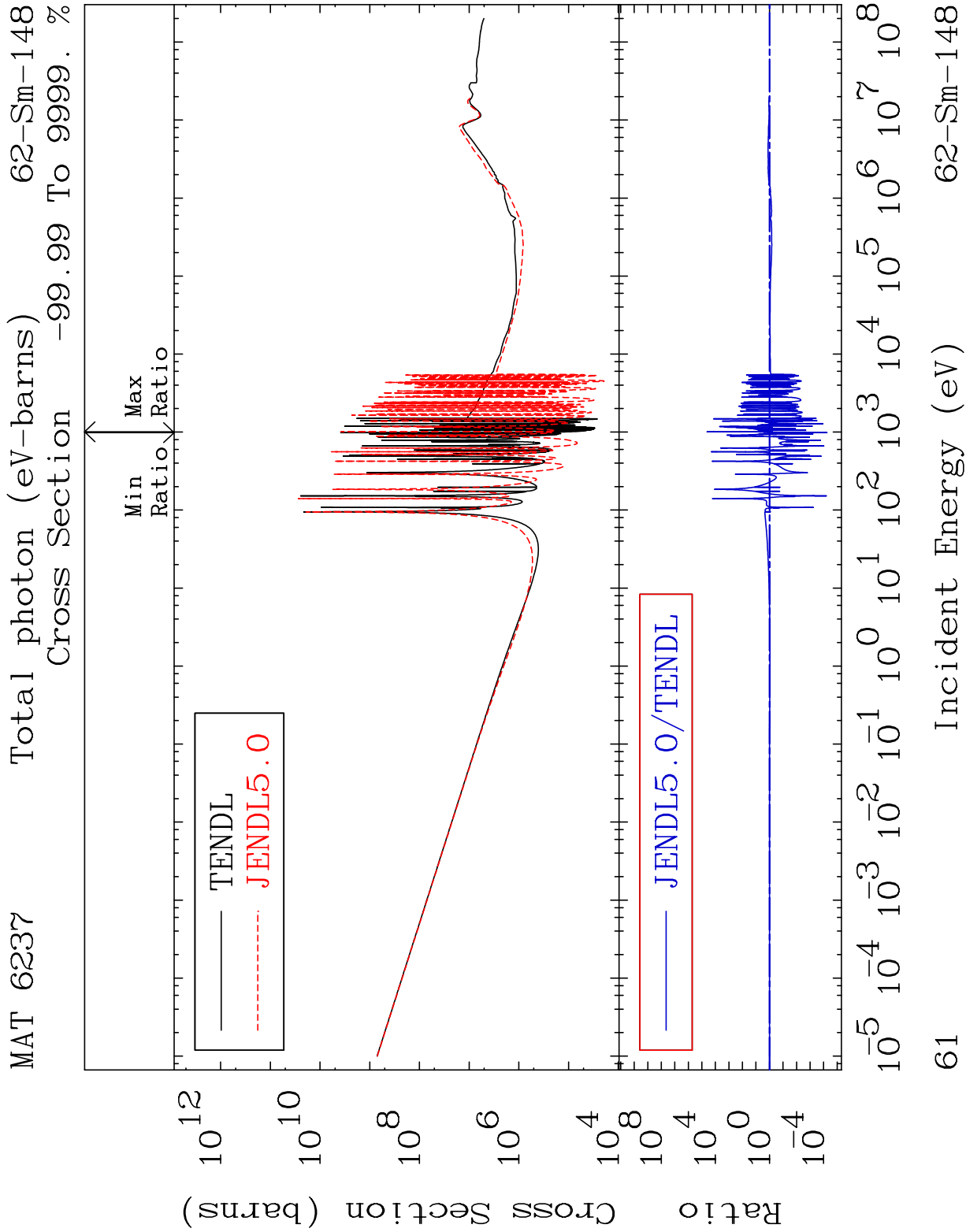
MAT 6237

Kerma capture (mt102)

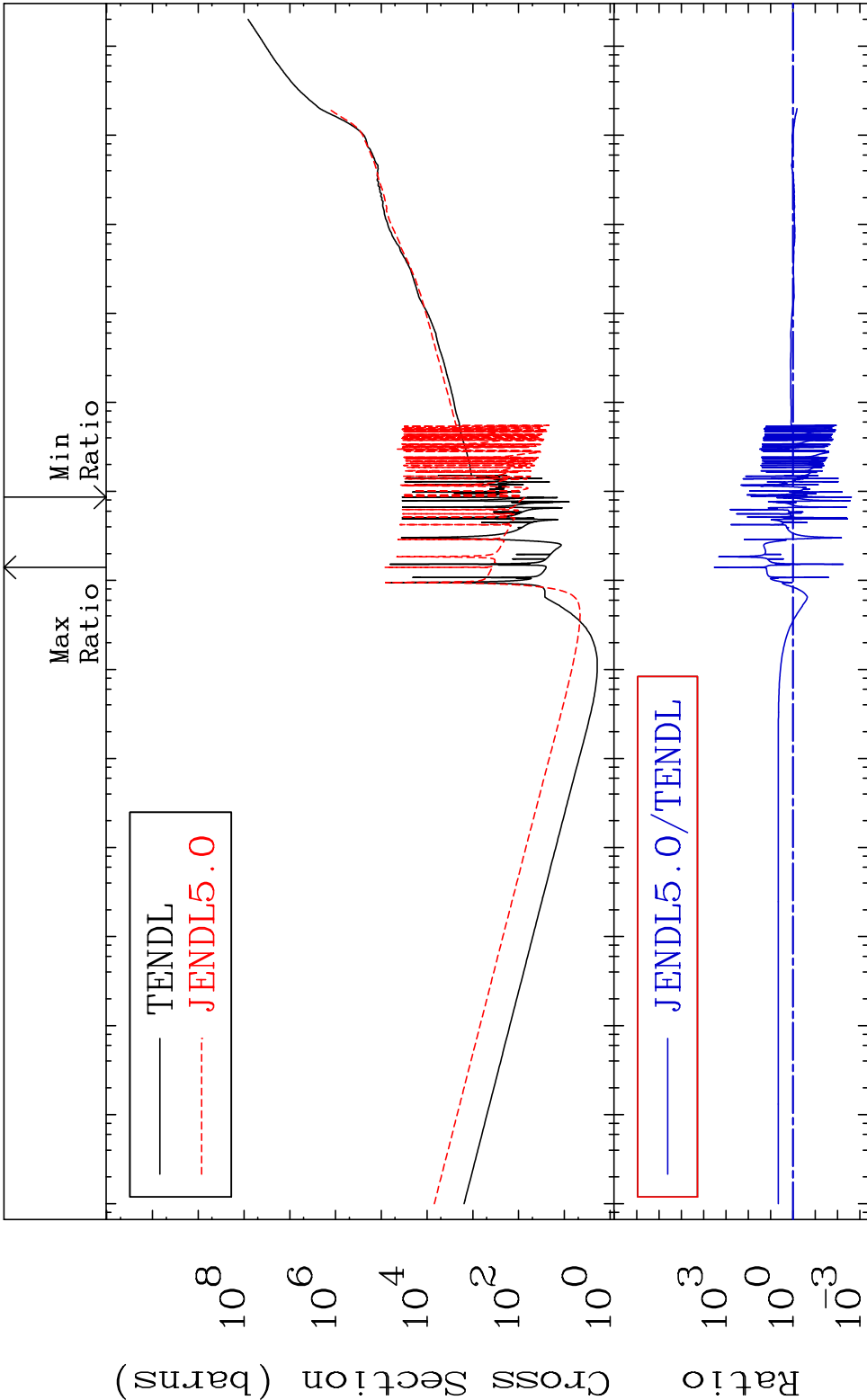
62-Sm-148

Cross Section -99.99 To 9999. %



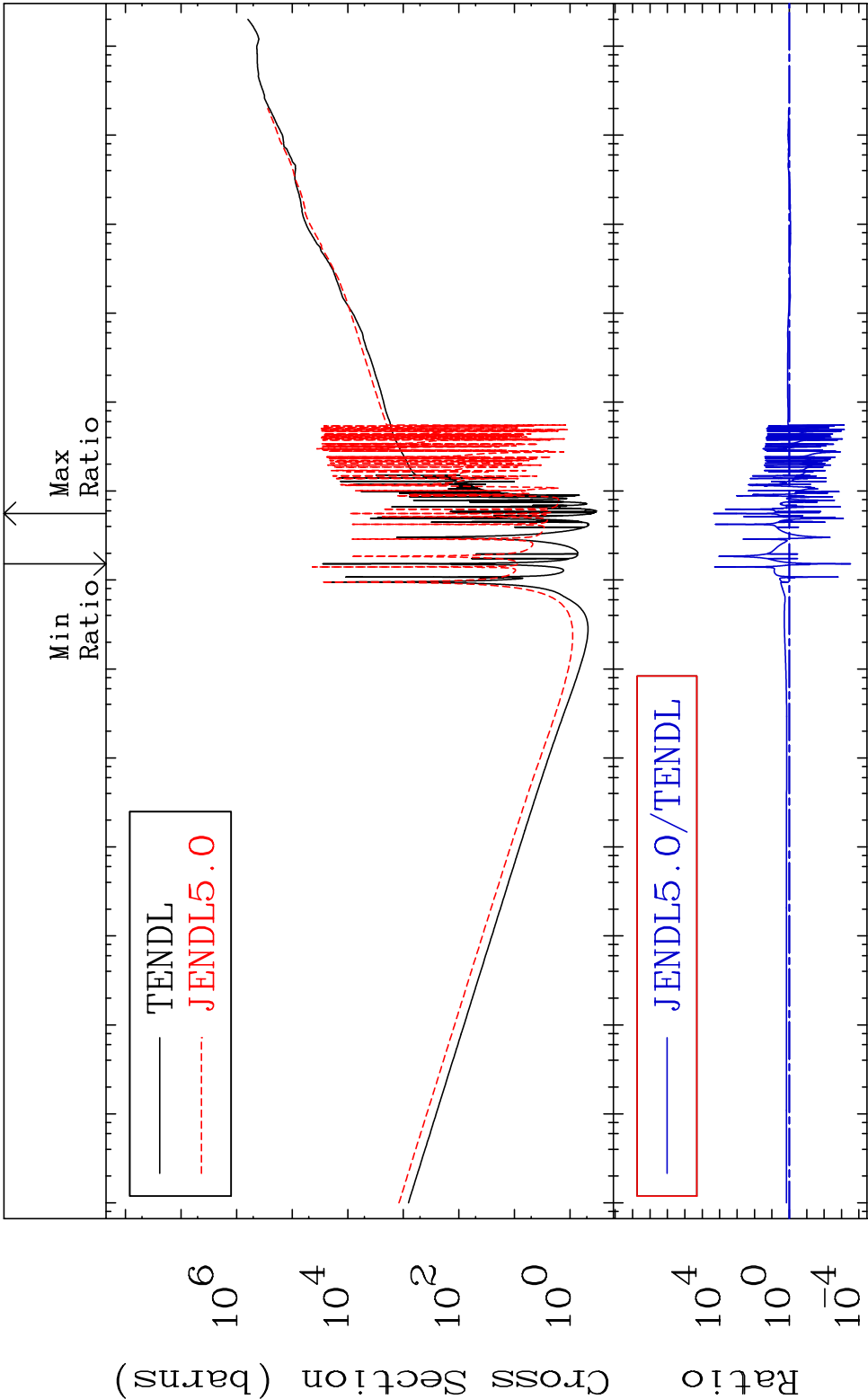


MAT 6237 Total kinematic kerma (high limit) 62-Sm-148
Cross Section -99.76 To 9999. %



62 Incident Energy (eV) 62-Sm-148

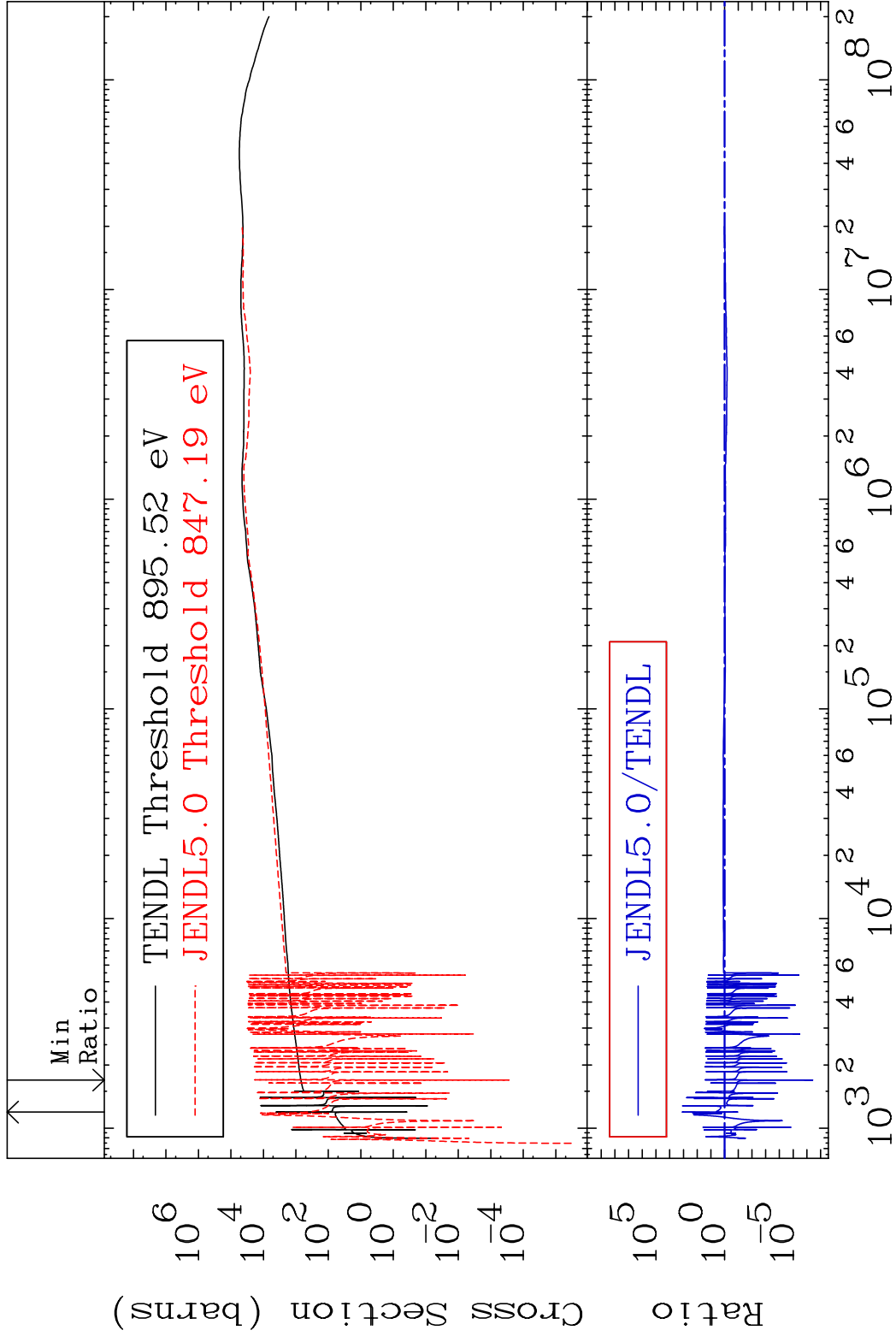
MAT 6237 Dpa total (eV-barns) 62-Sm-148
Cross Section -99.97 To 9999. %



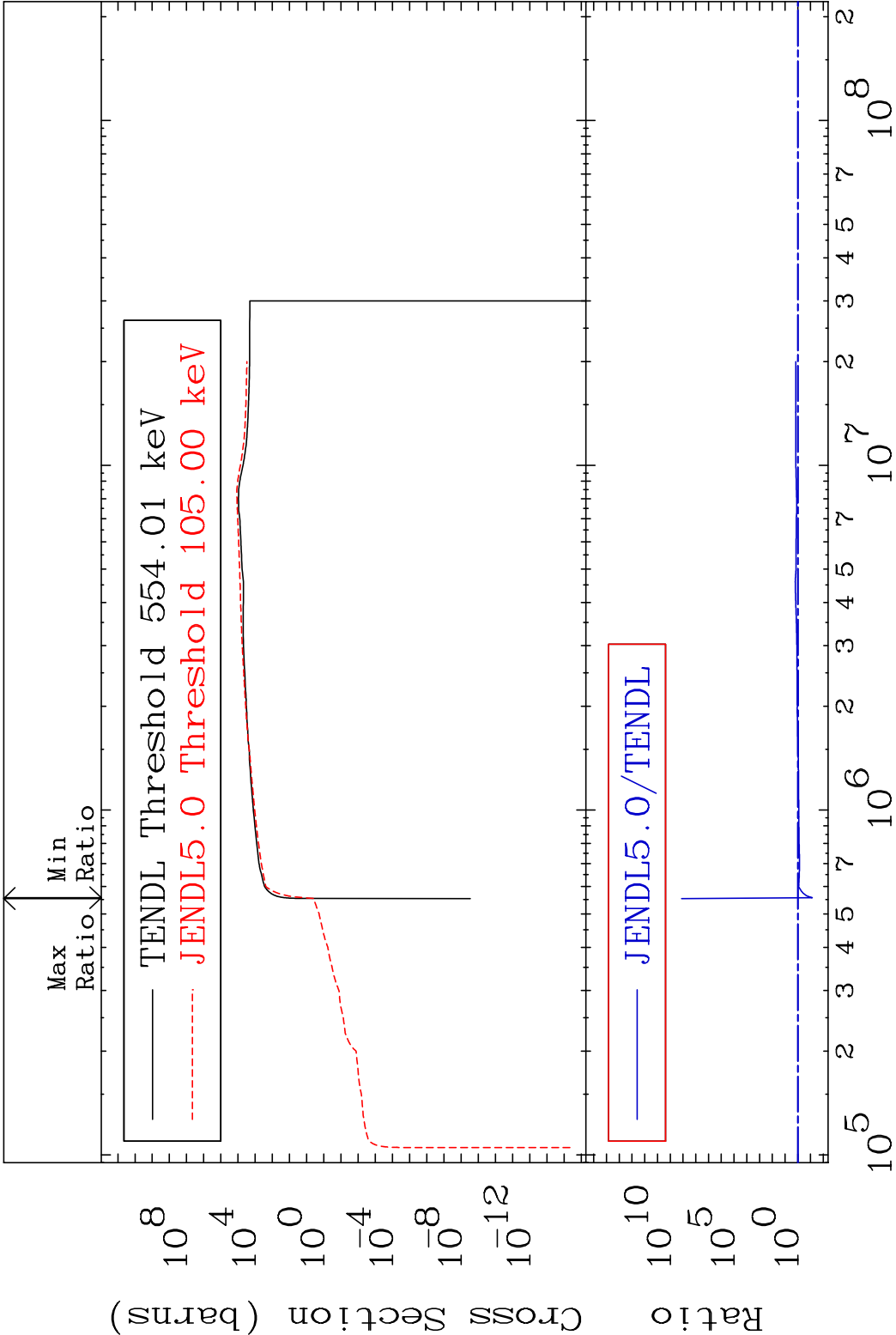
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

63 Incident Energy (eV) 62-Sm-148

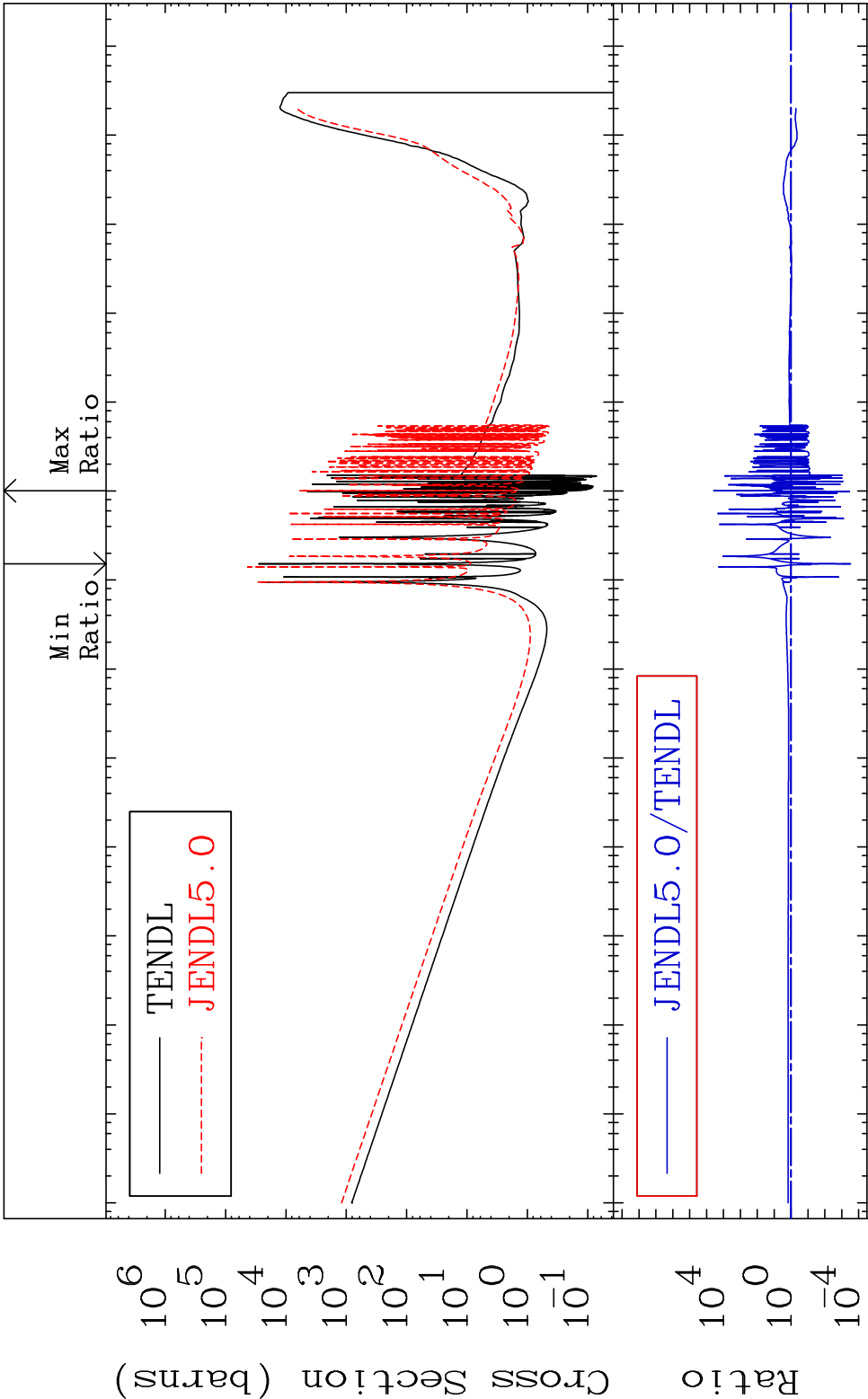
MAT 6237 Dpa elastic (mt2) 62-Sm-148
Cross Section -100.0 To 9999. %



64 Incident Energy (eV) 62-Sm-148



MAT 6237 Dpa disappearance (mt102 -120) 62-Sm-148
Cross Section -99.97 To 9999. %



66 Incident Energy (eV) 62-Sm-148

