

Program Complot
(Version 2021-1)

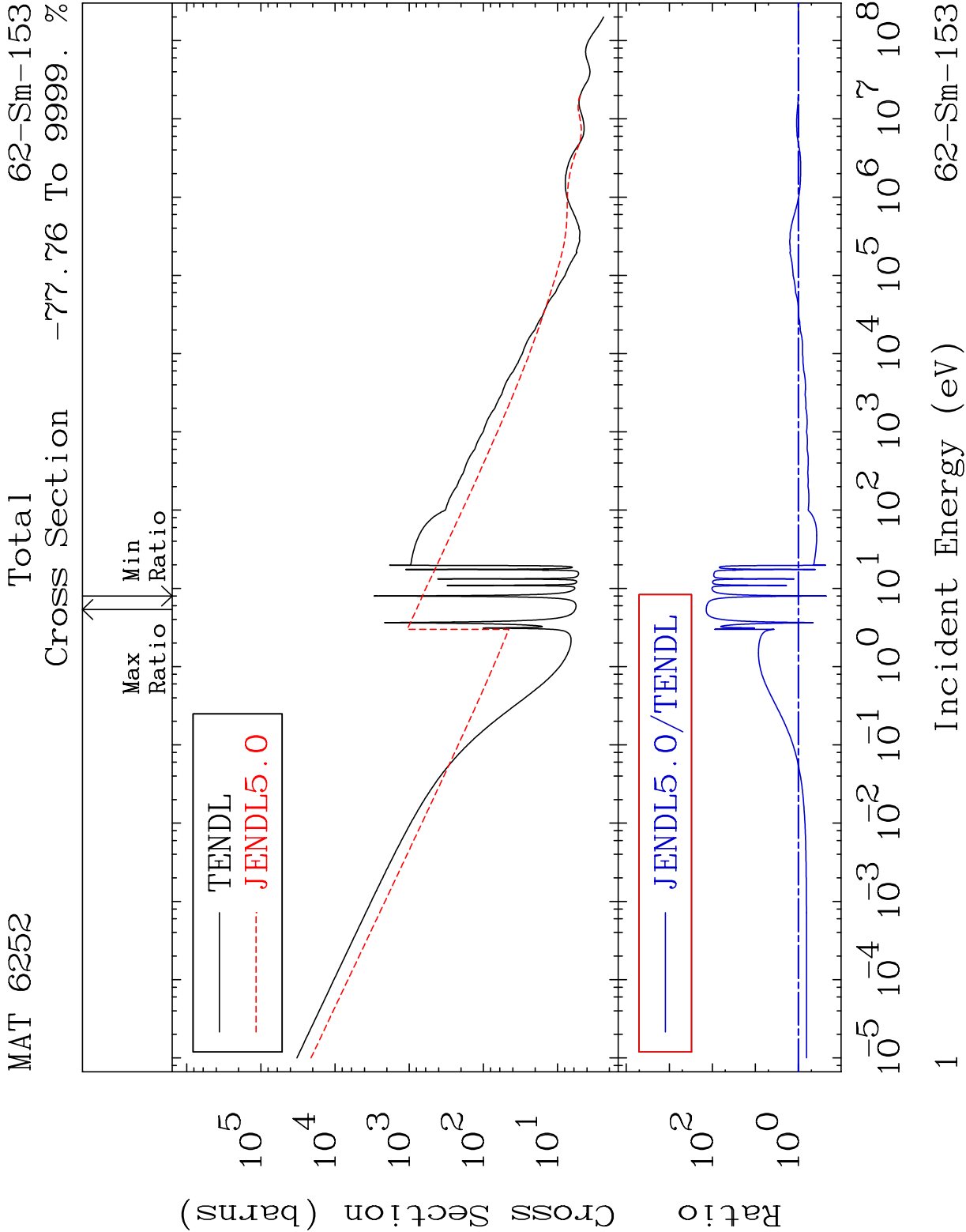
by

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Press Mouse Button to Start

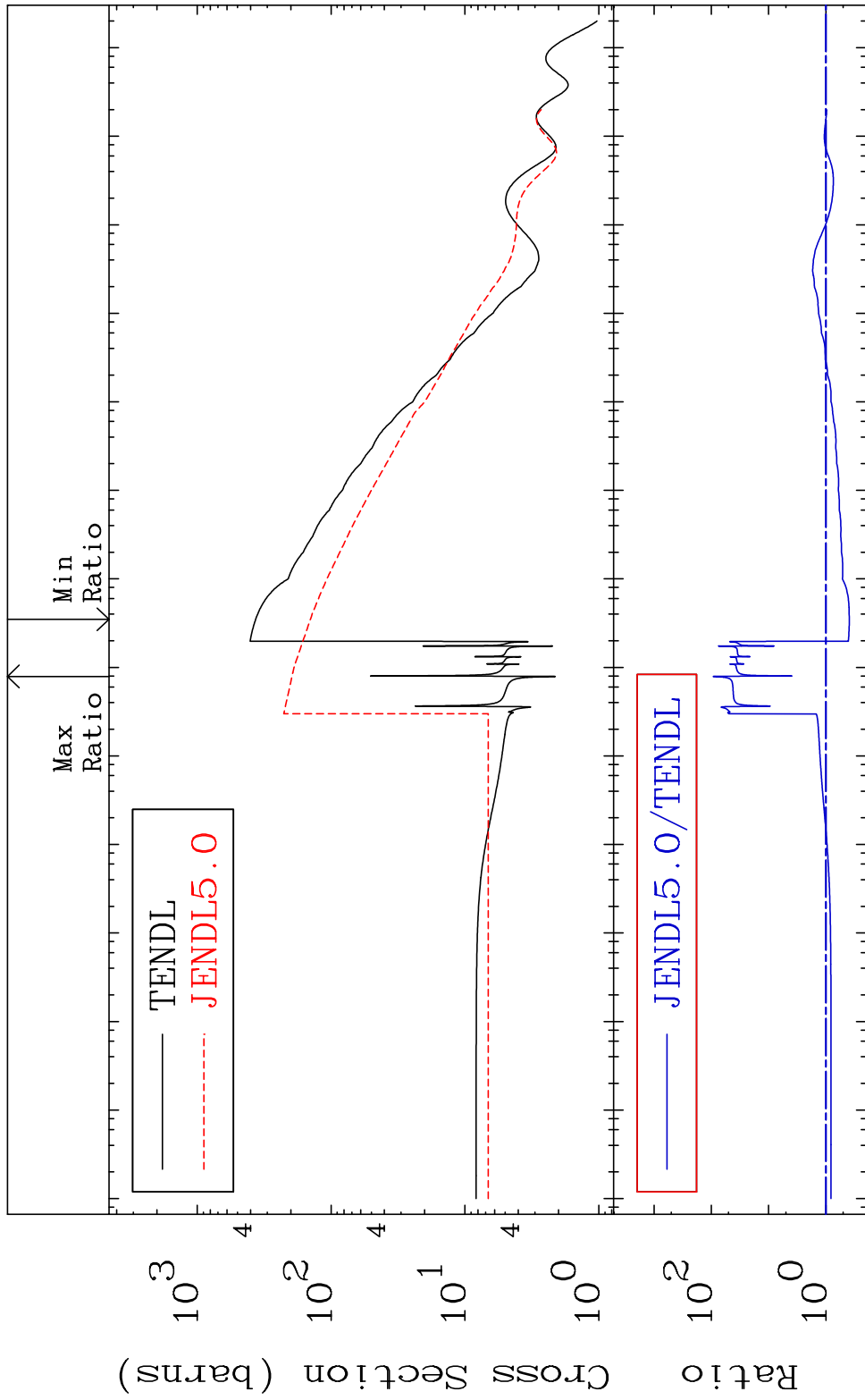


MAT 6252

Elastic

62-Sm-153

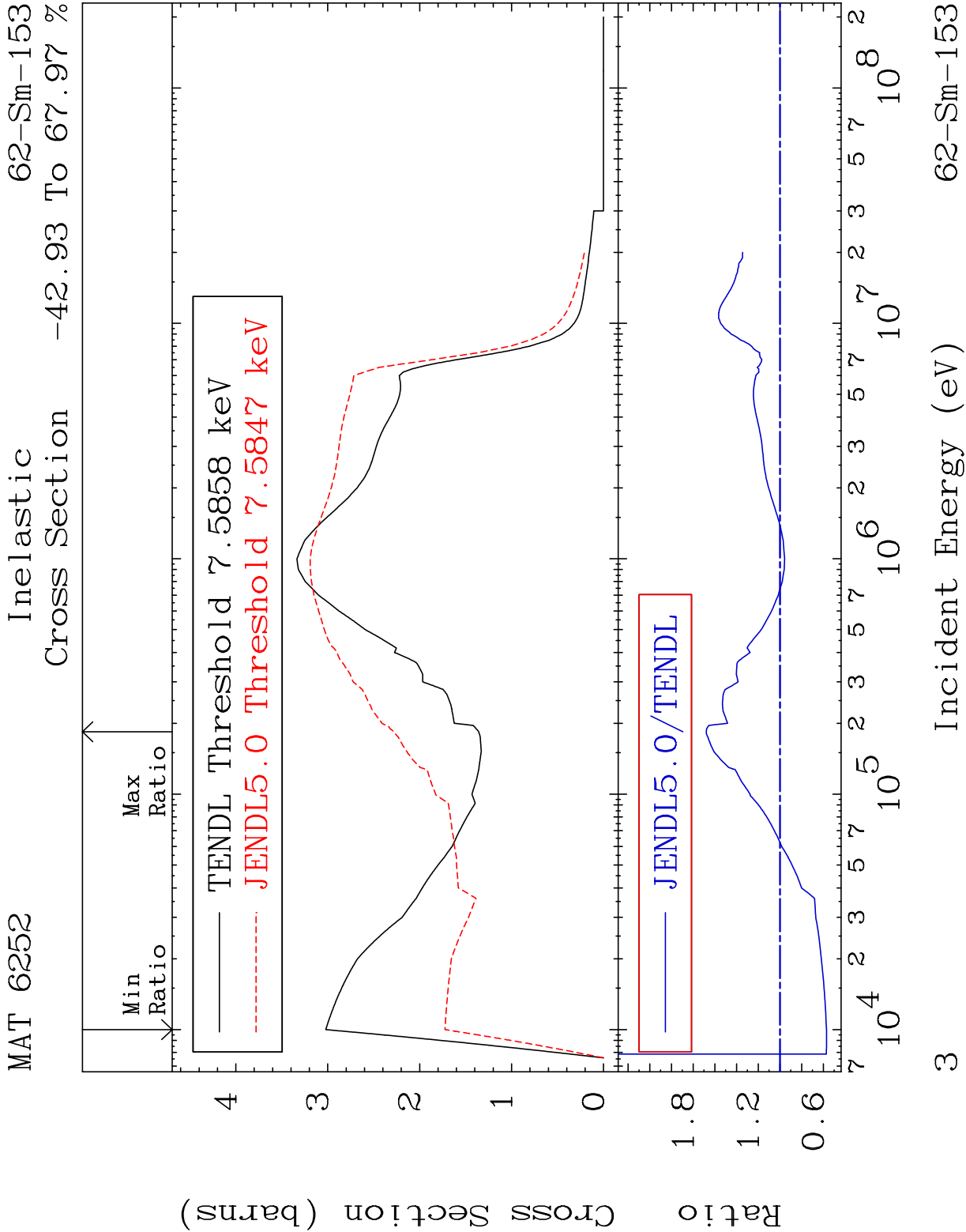
Cross Section -60.99 To 9185. %

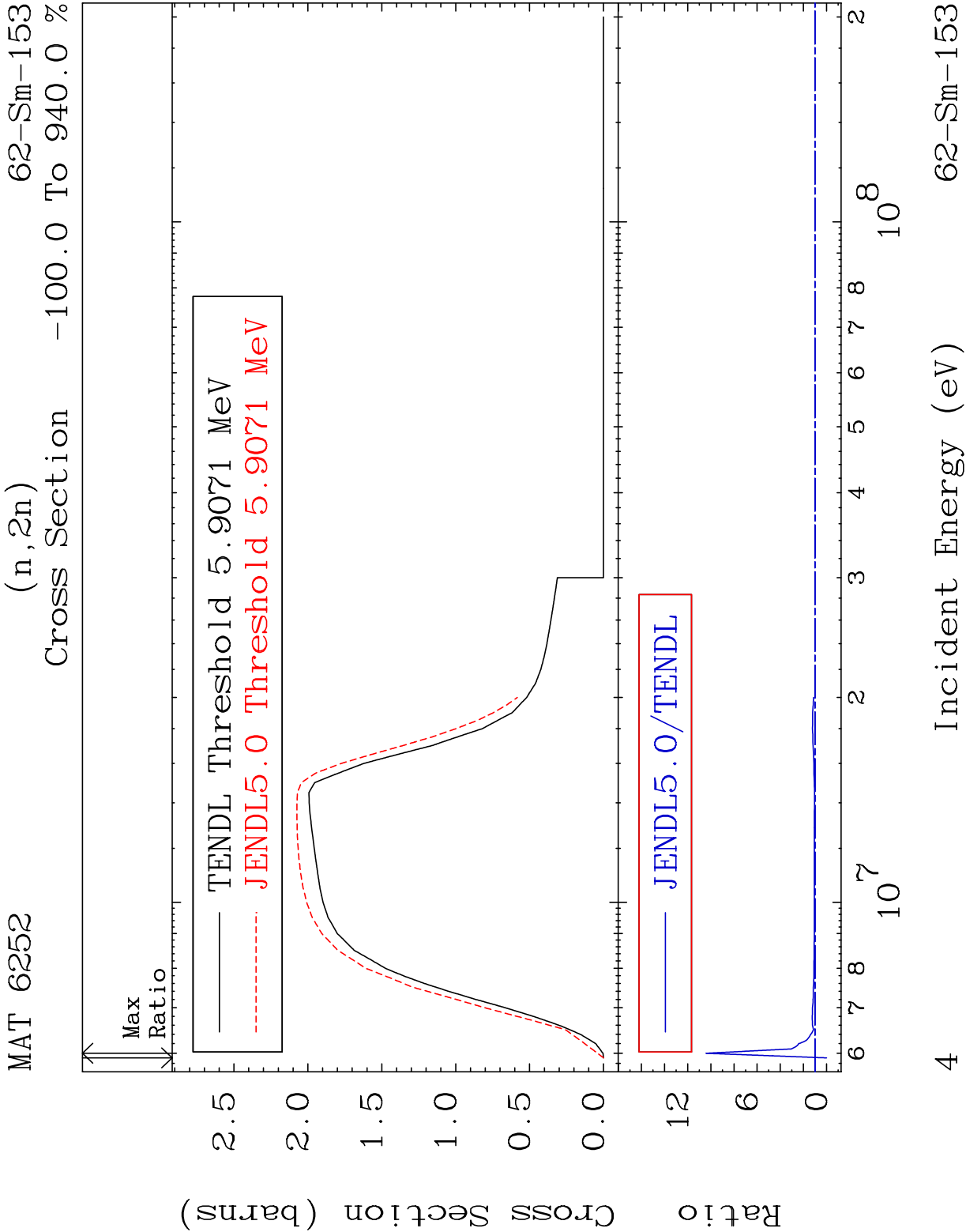


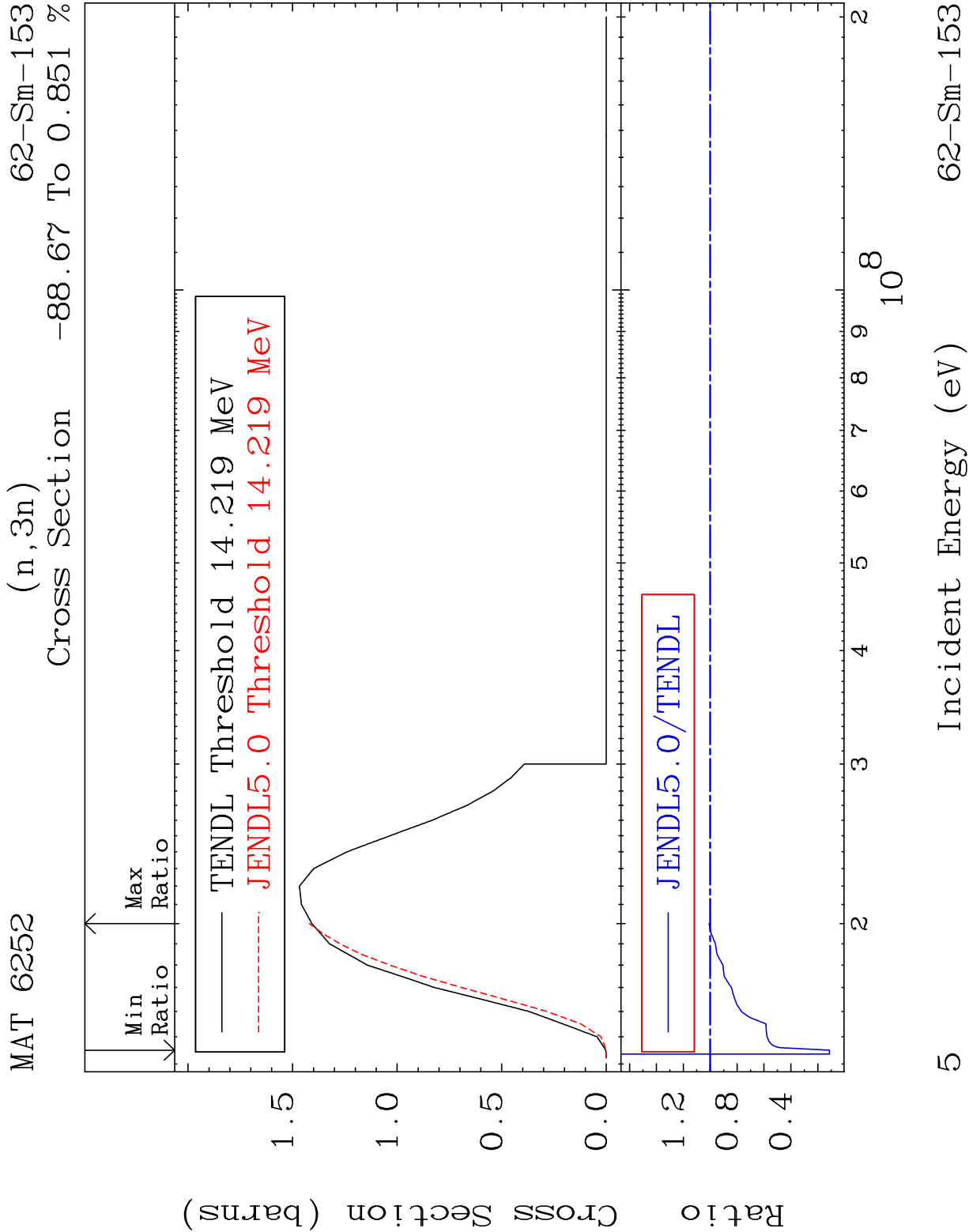
2

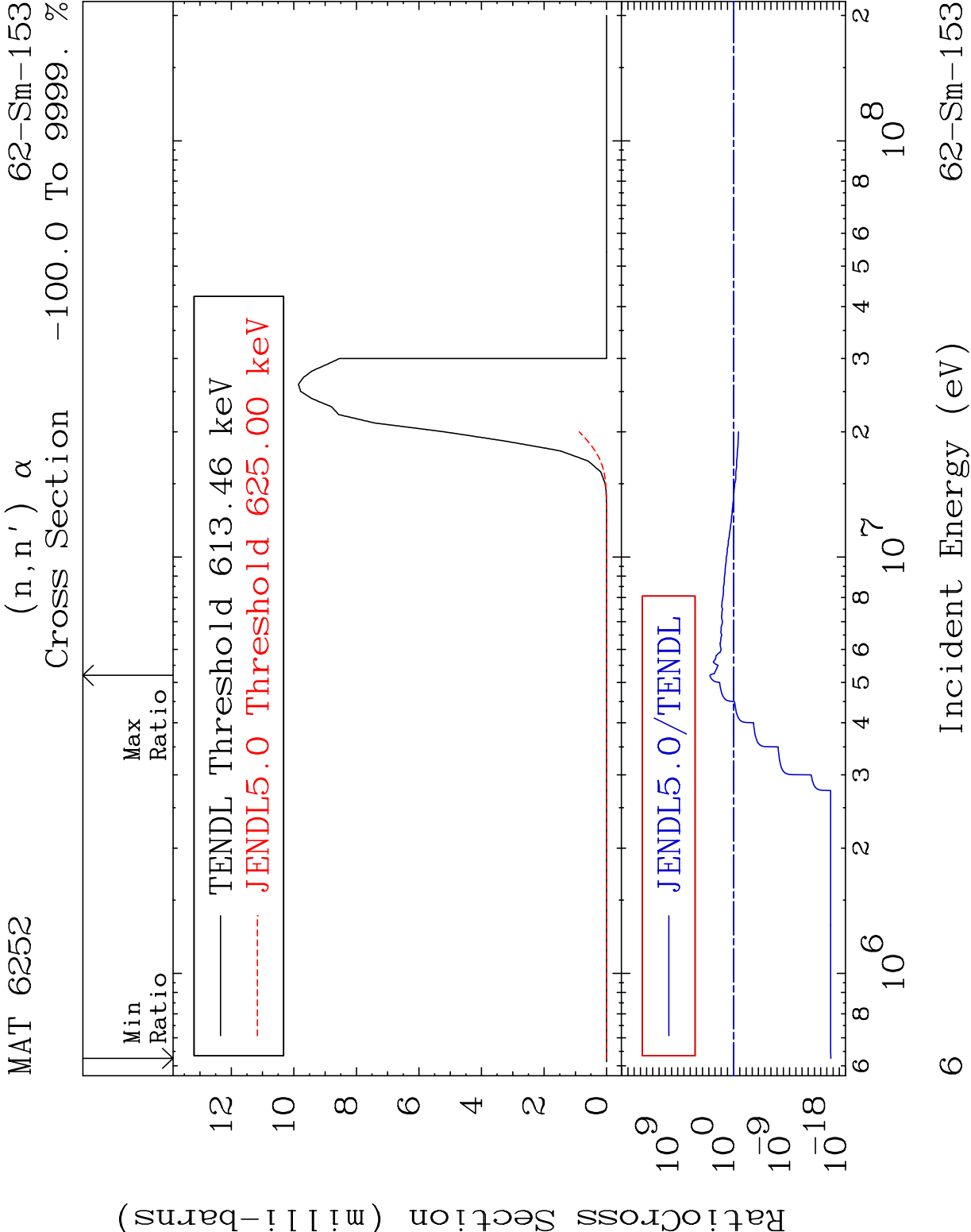
Incident Energy (eV)

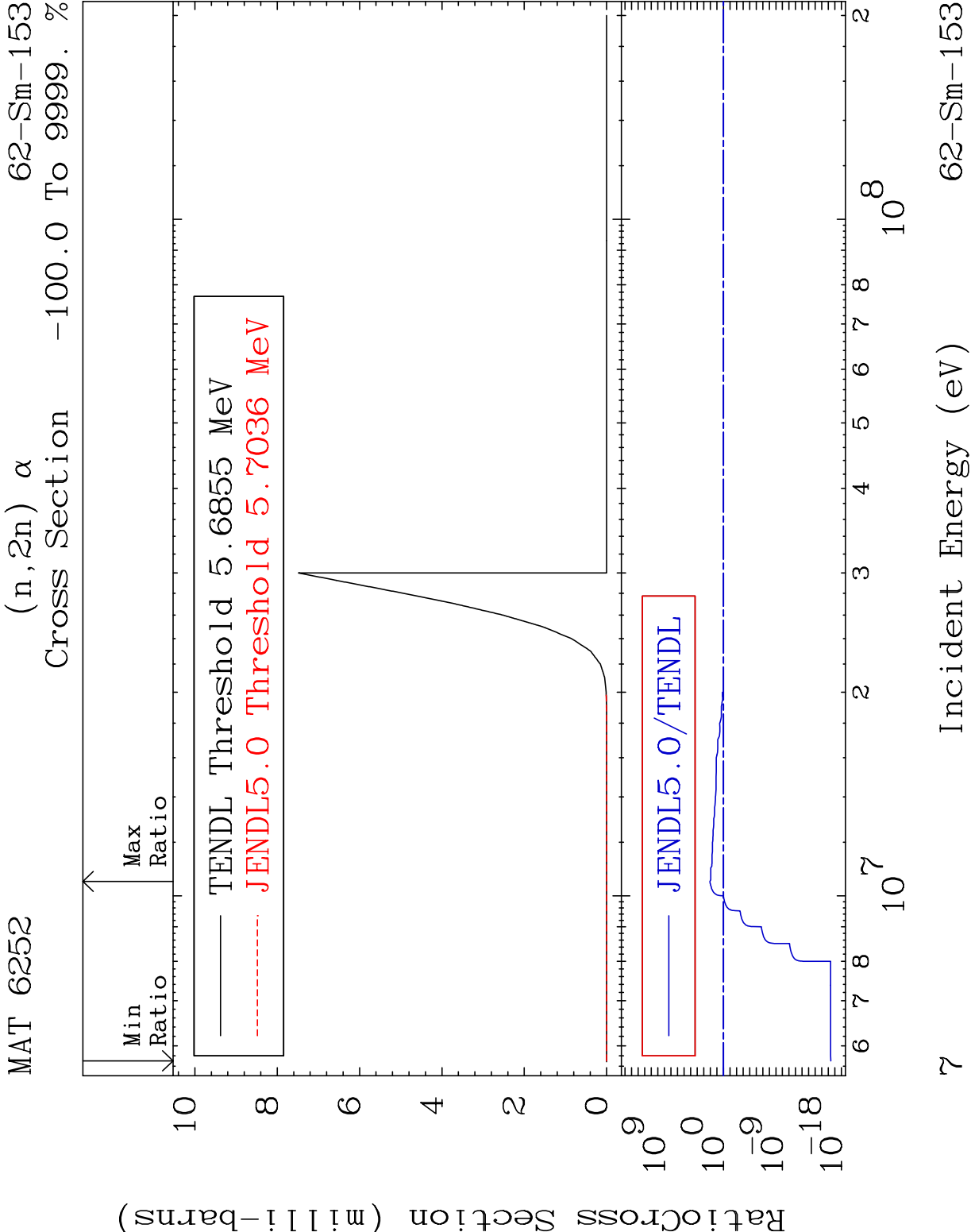
62-Sm-153









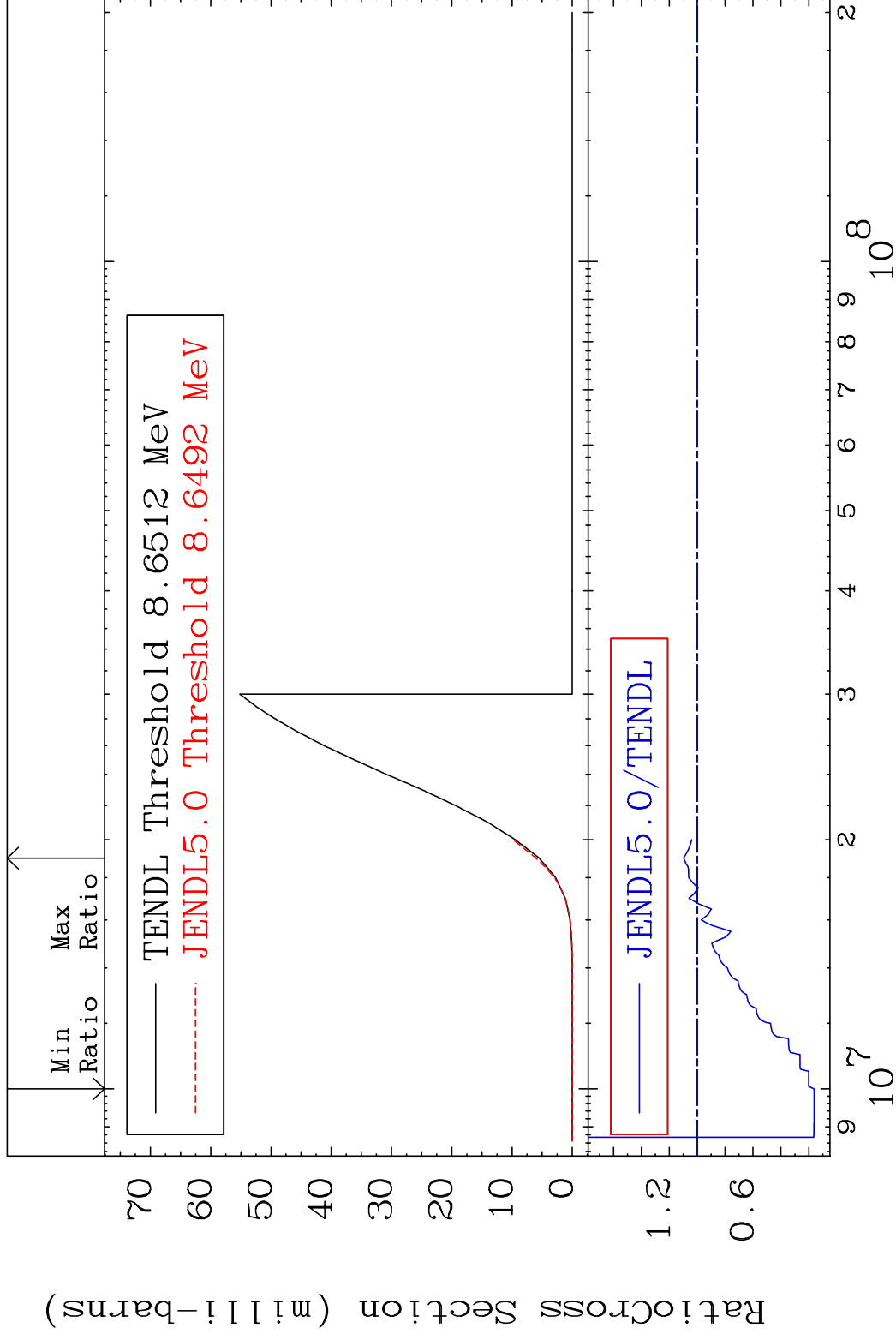


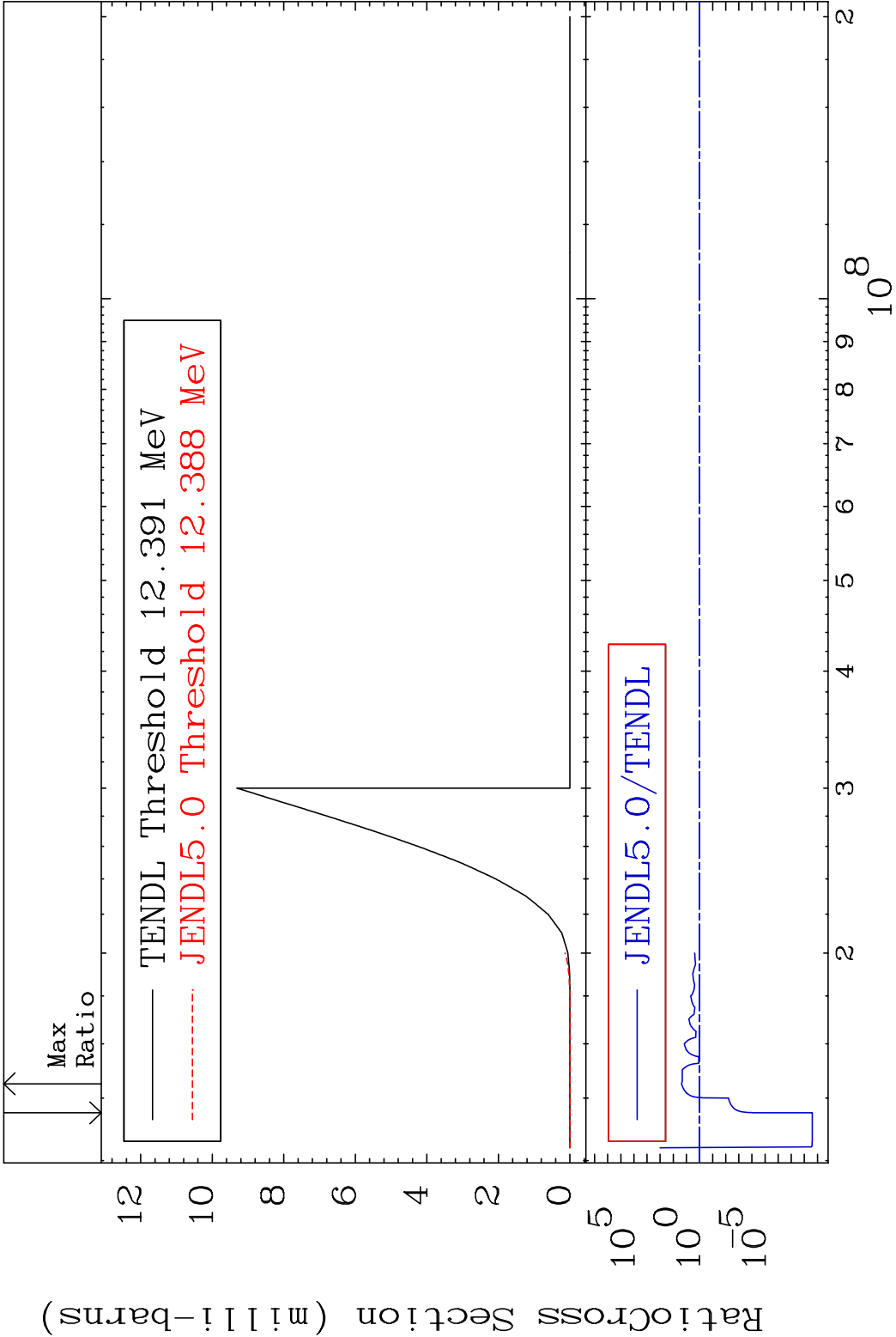
MAT 6252

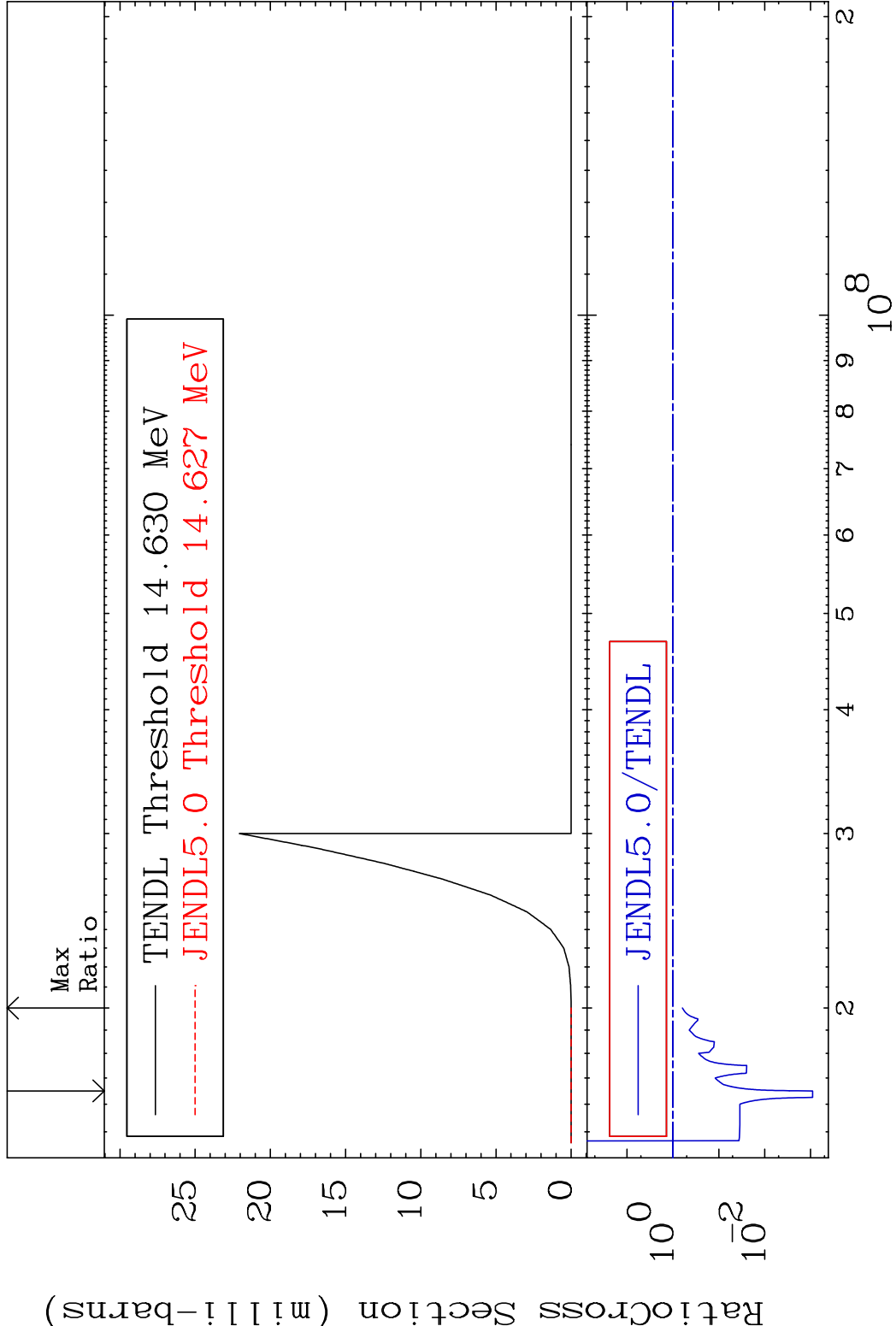
$$(n, n')_p$$

62-Sm-153

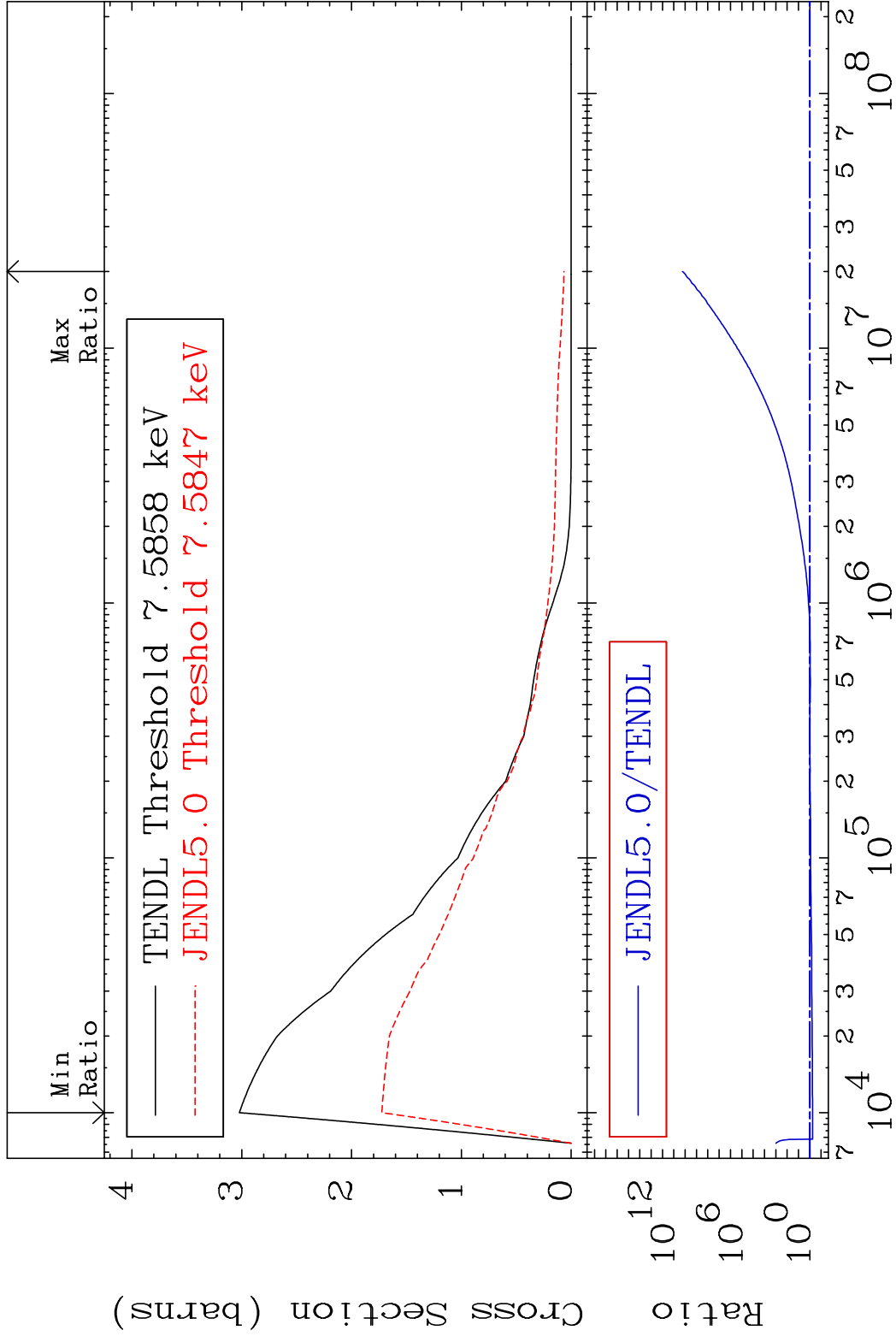
Cross Section -83.81 To 9.721 %





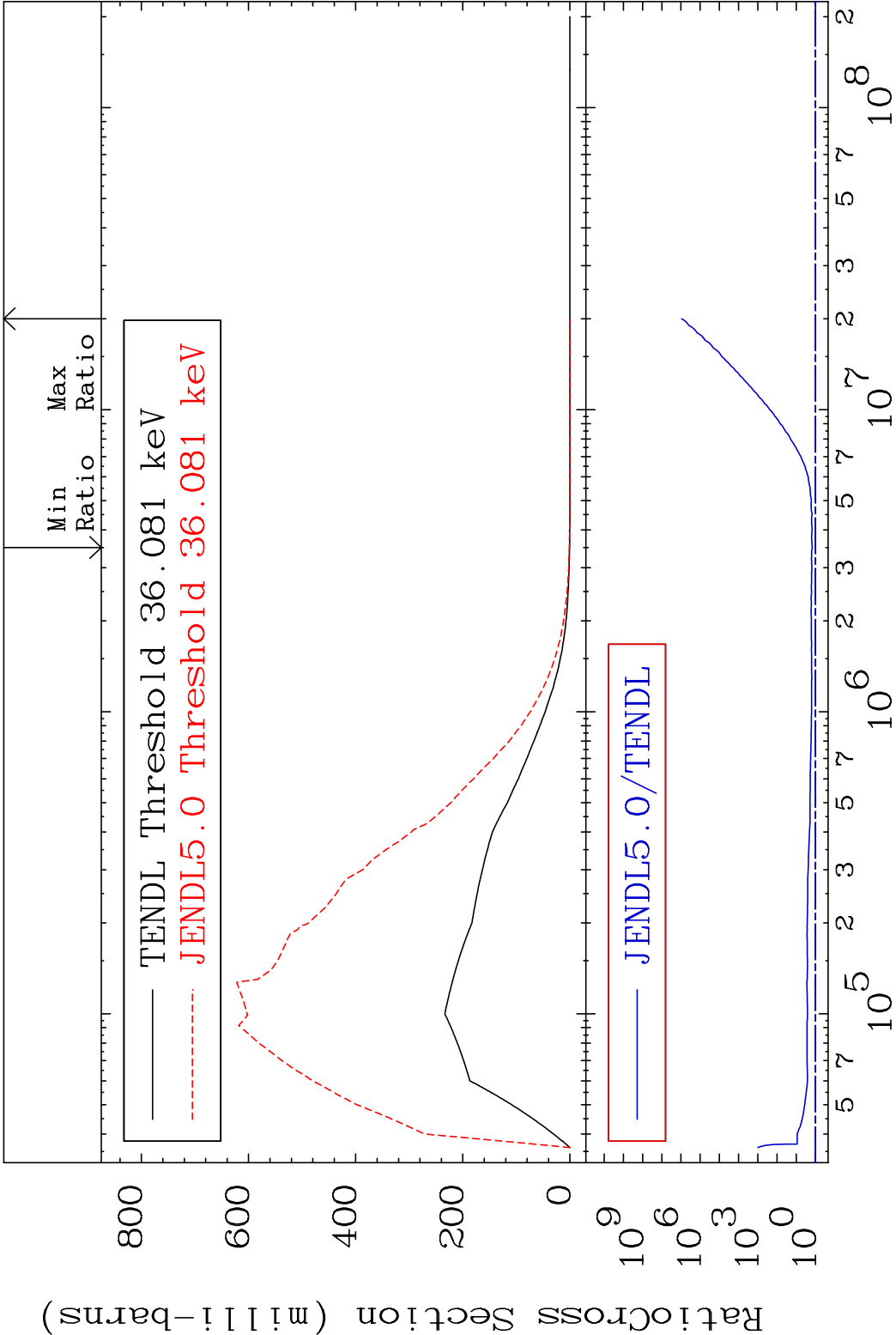


MAT 6252 MT= 51 (n,n') Level 62-Sm-153
Cross Section -42.93 To 9999. %

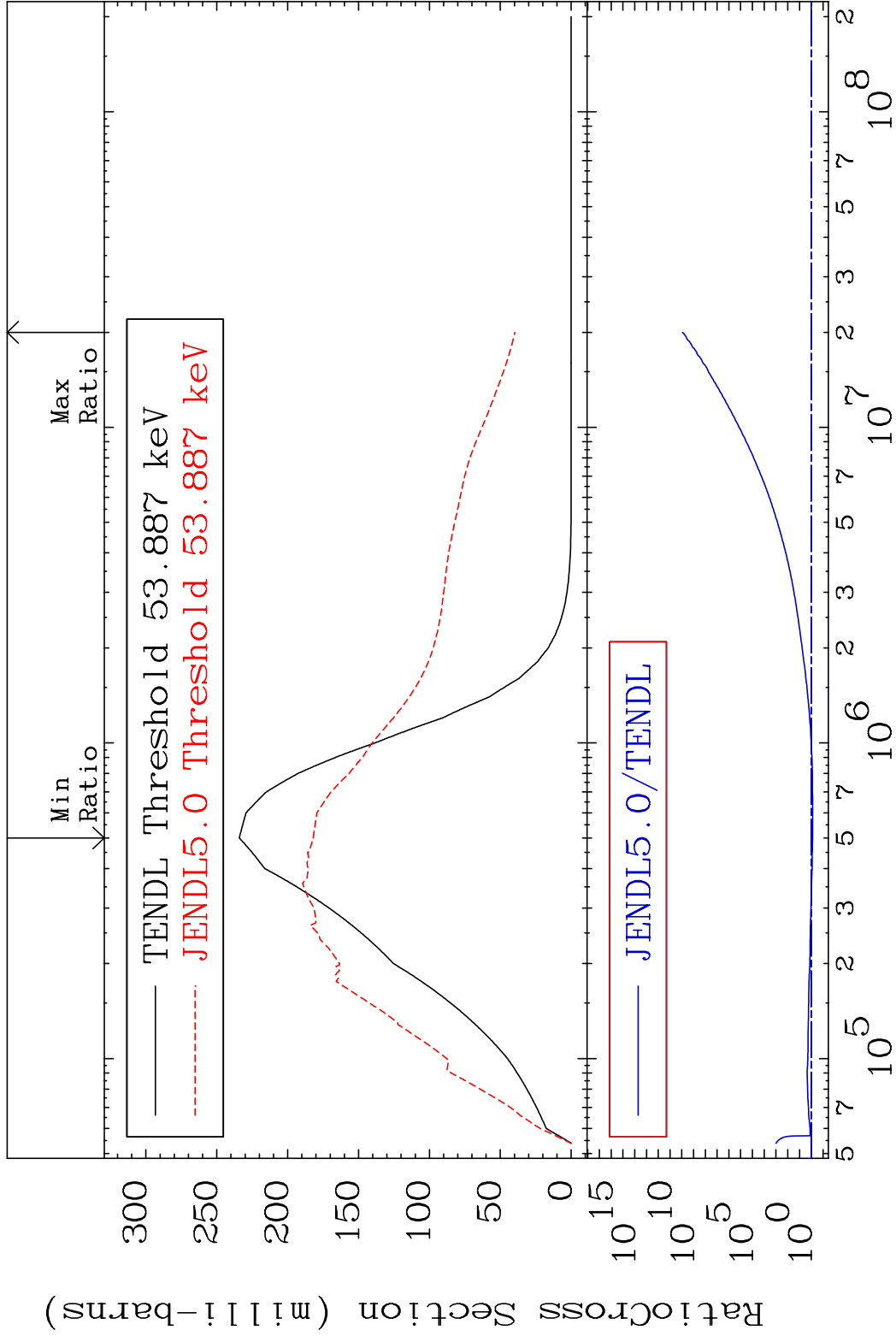


11 Incident Energy (eV) 62-Sm-153

MAT 6252 MT= 52 (n,n') Level 62-Sm-153
Cross Section 46.87 To 9999. %



MAT 6252 MT= 53 (n,n') Level 62-Sm-153
Cross Section -22.25 To 9999. %



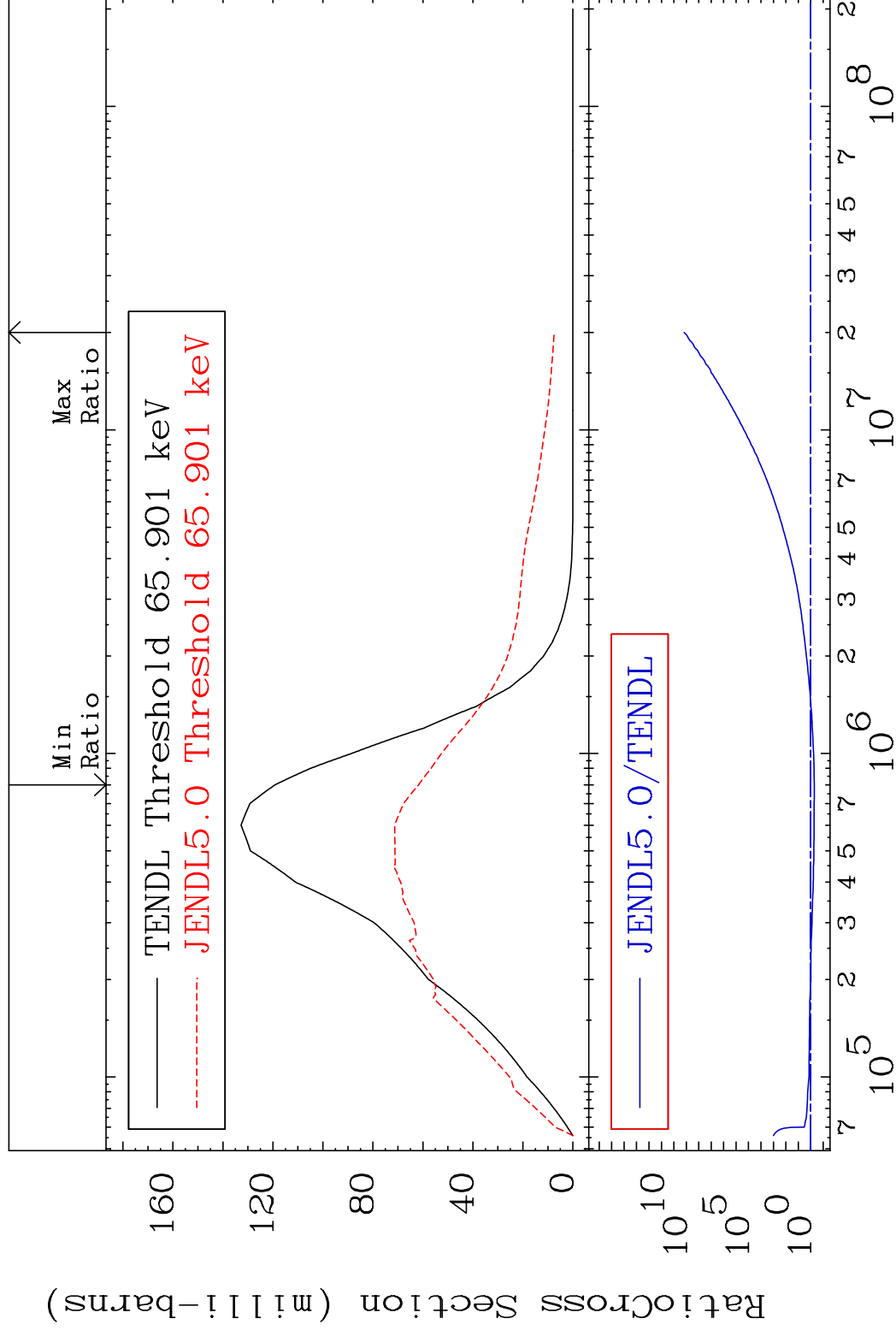
13 Incident Energy (eV) 62-Sm-153

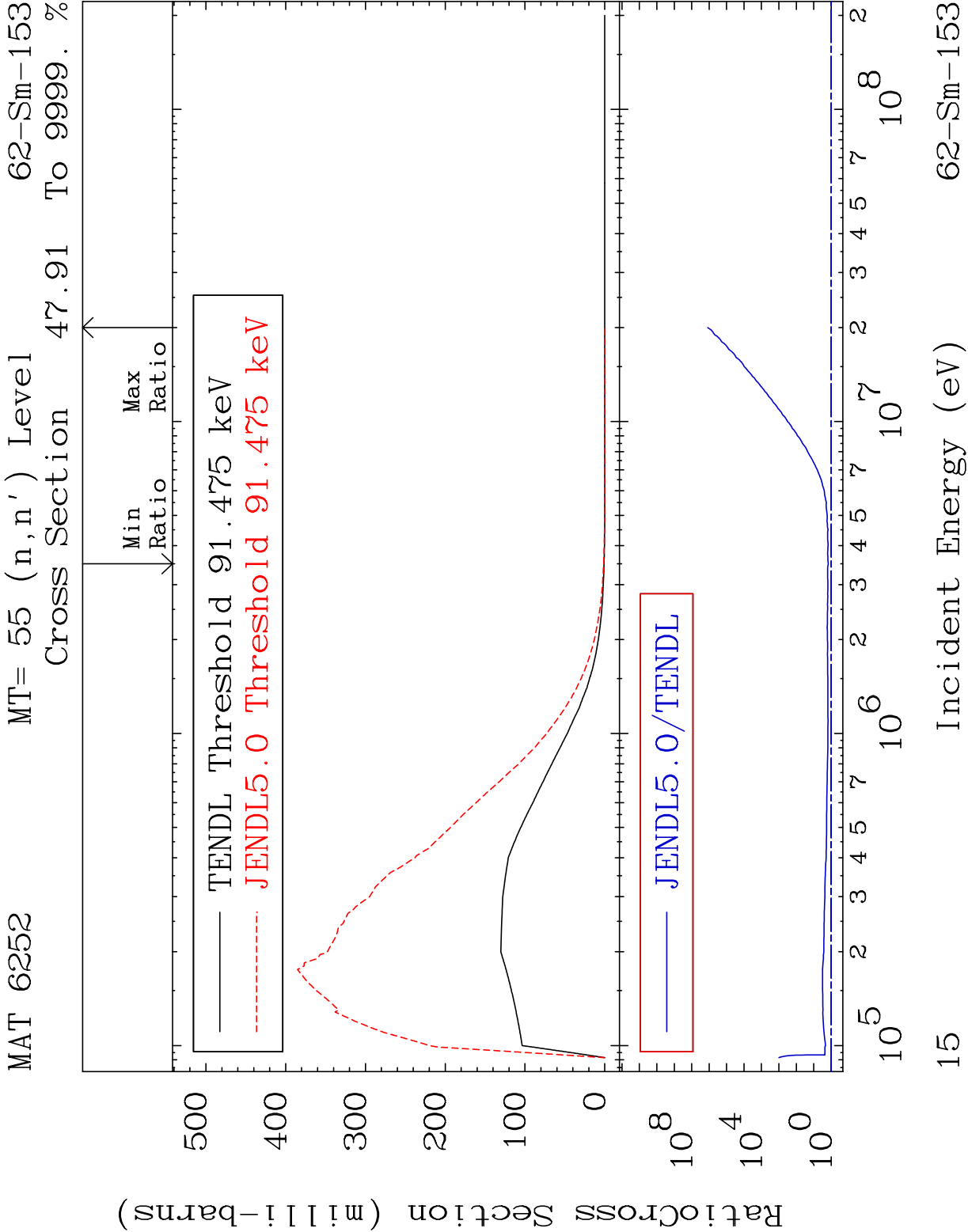
MAT 6252

MT= 54 (n, n') Level

62-Sm-153

Cross Section -48.20 To 9999. %



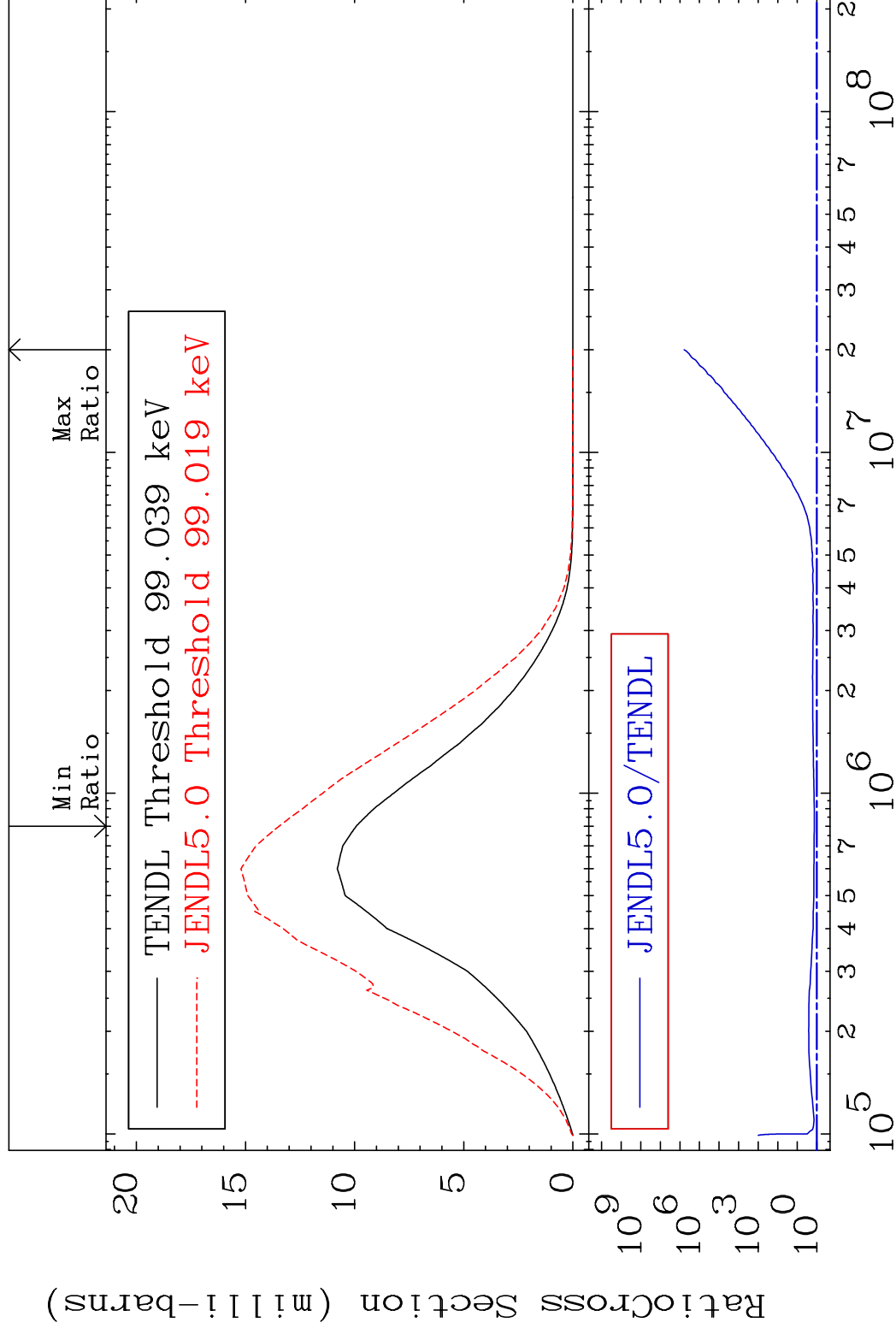


MAT 6252

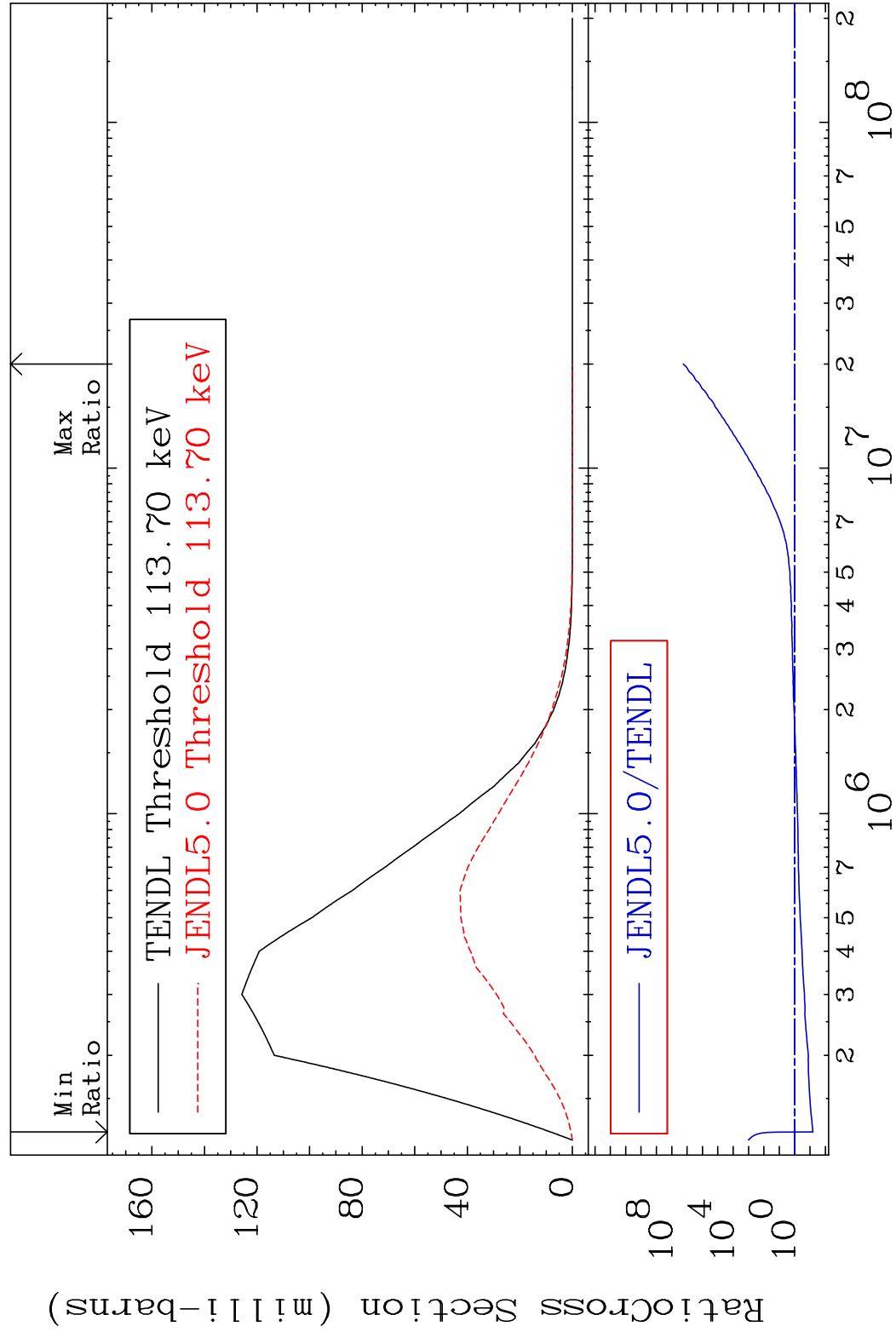
MT= 56 (n, n') Level

62-Sm-153

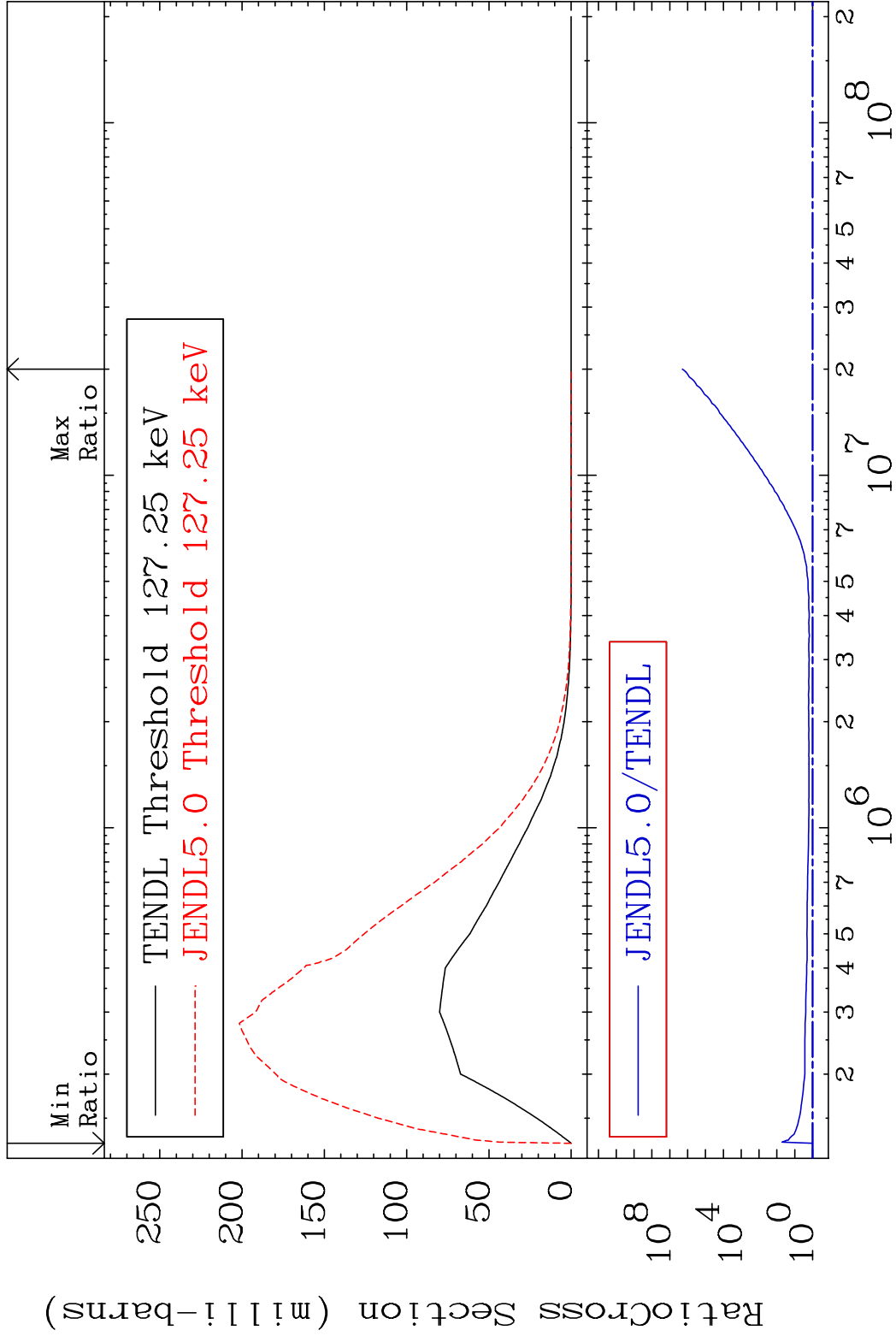
Cross Section 35.58 To 9999. %



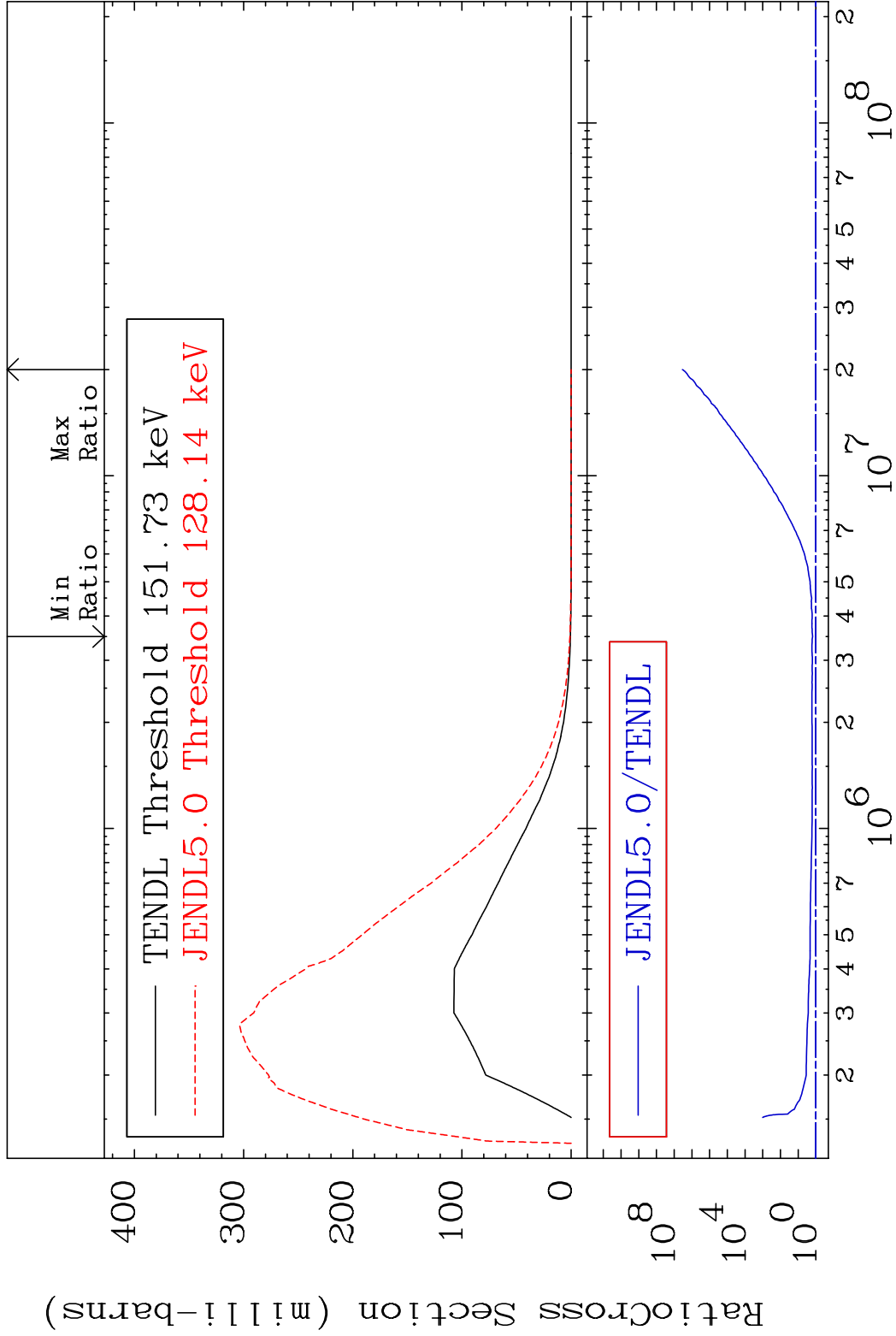
MAT 6252 MT= 57 (n,n') Level 62-Sm-153
Cross Section -93.55 To 9999. %



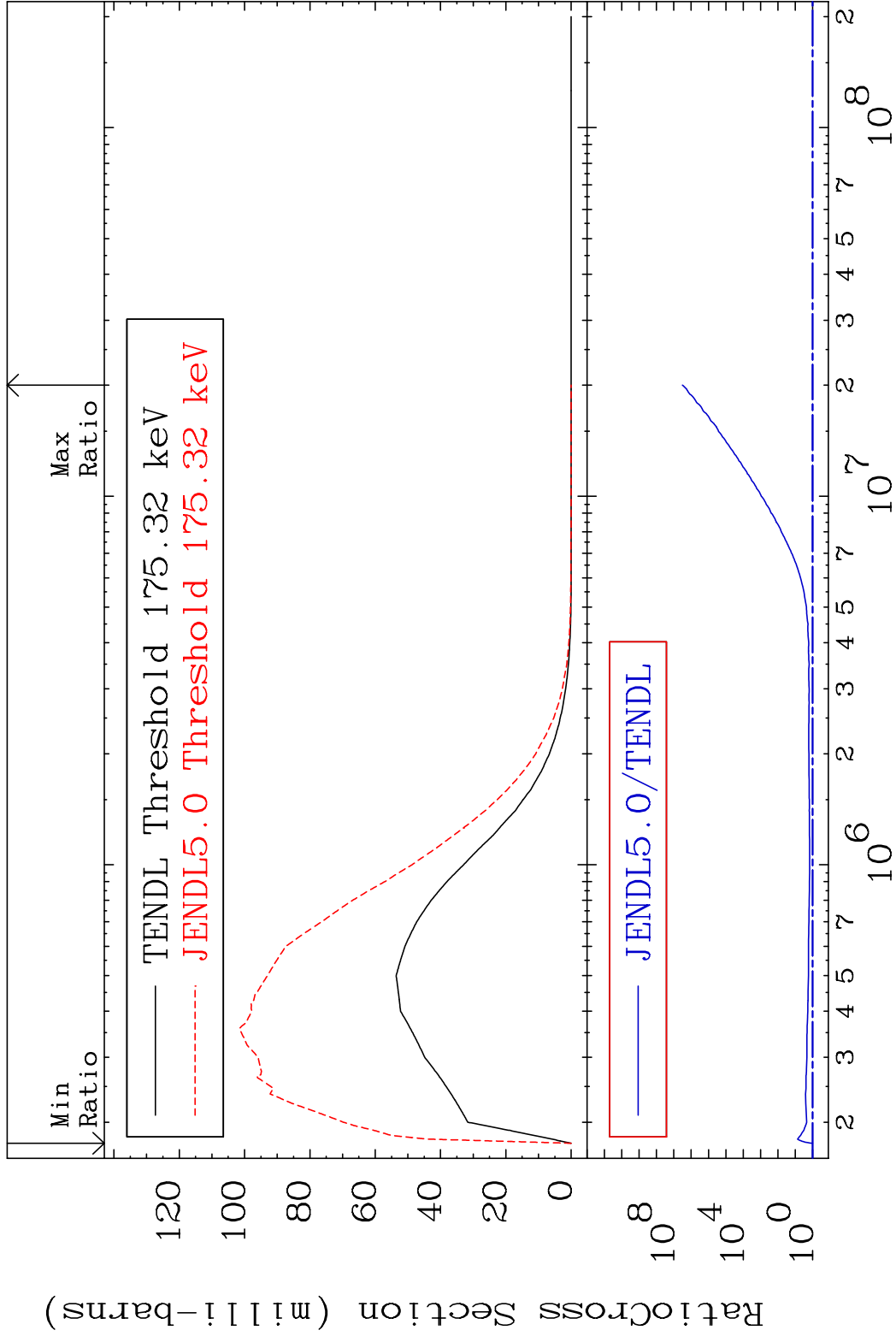
MAT 6252 MT= 58 (n,n') Level 62-Sm-153
Cross Section 0.000 To 9999. %



MAT 6252 MT= 59 (n,n') Level 62-Sm-153
Cross Section 53.75 To 9999. %

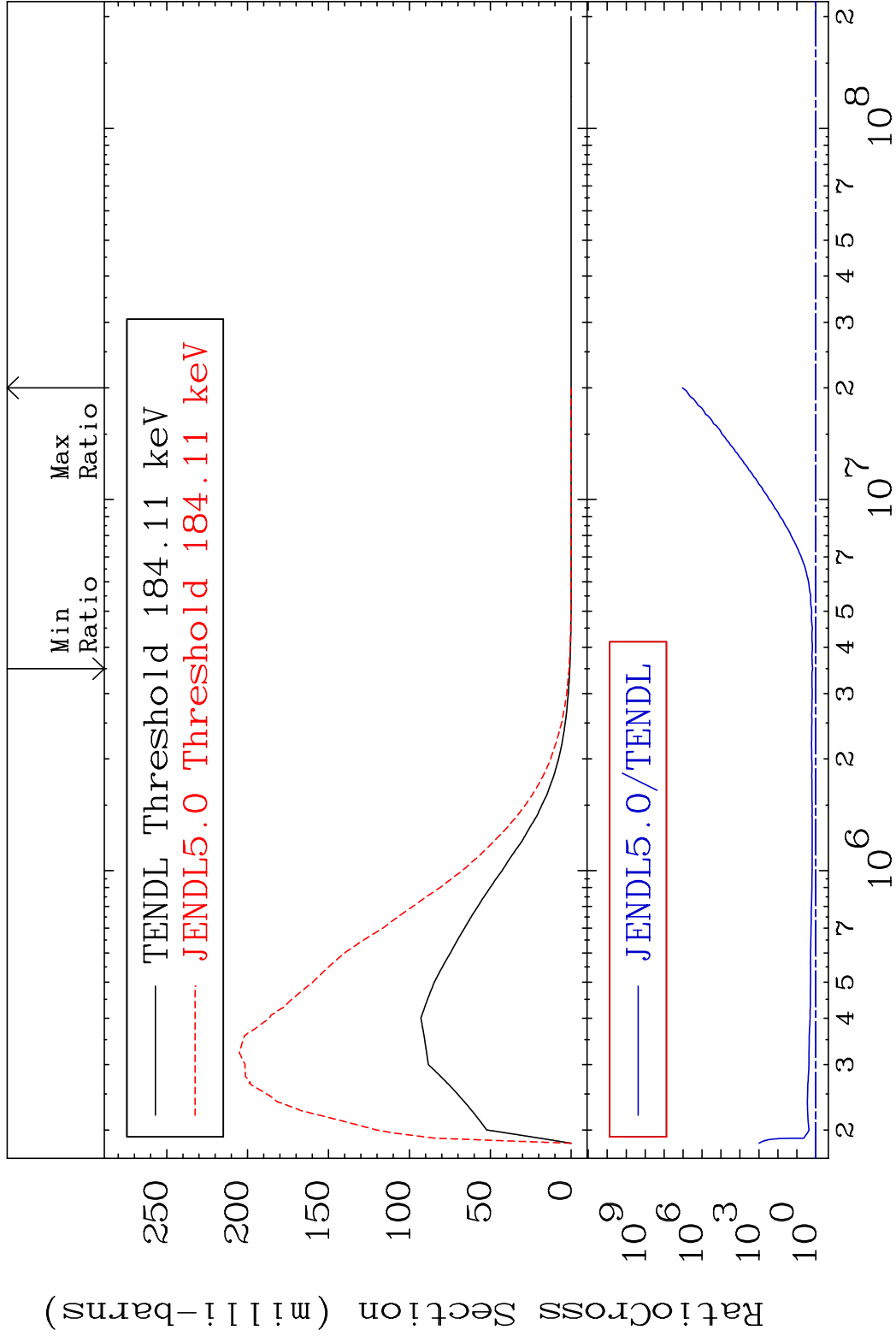


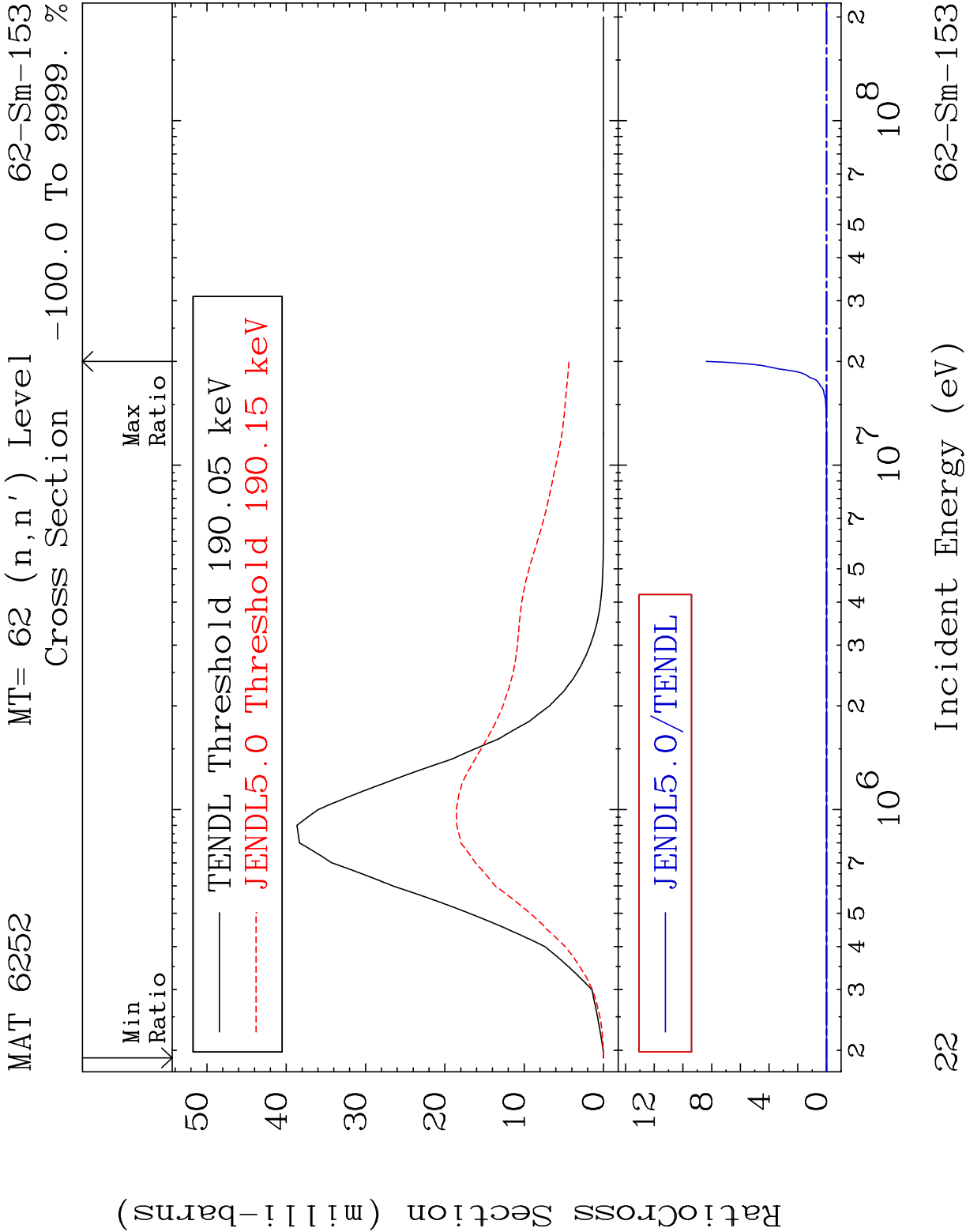
MAT 6252 MT= 60 (n,n') Level 62-Sm-153
Cross Section 0.000 To 9999. %



20 Incident Energy (eV) 62-Sm-153

MAT 6252 MT= 61 (n,n') Level 62-Sm-153
Cross Section 47.92 To 9999. %





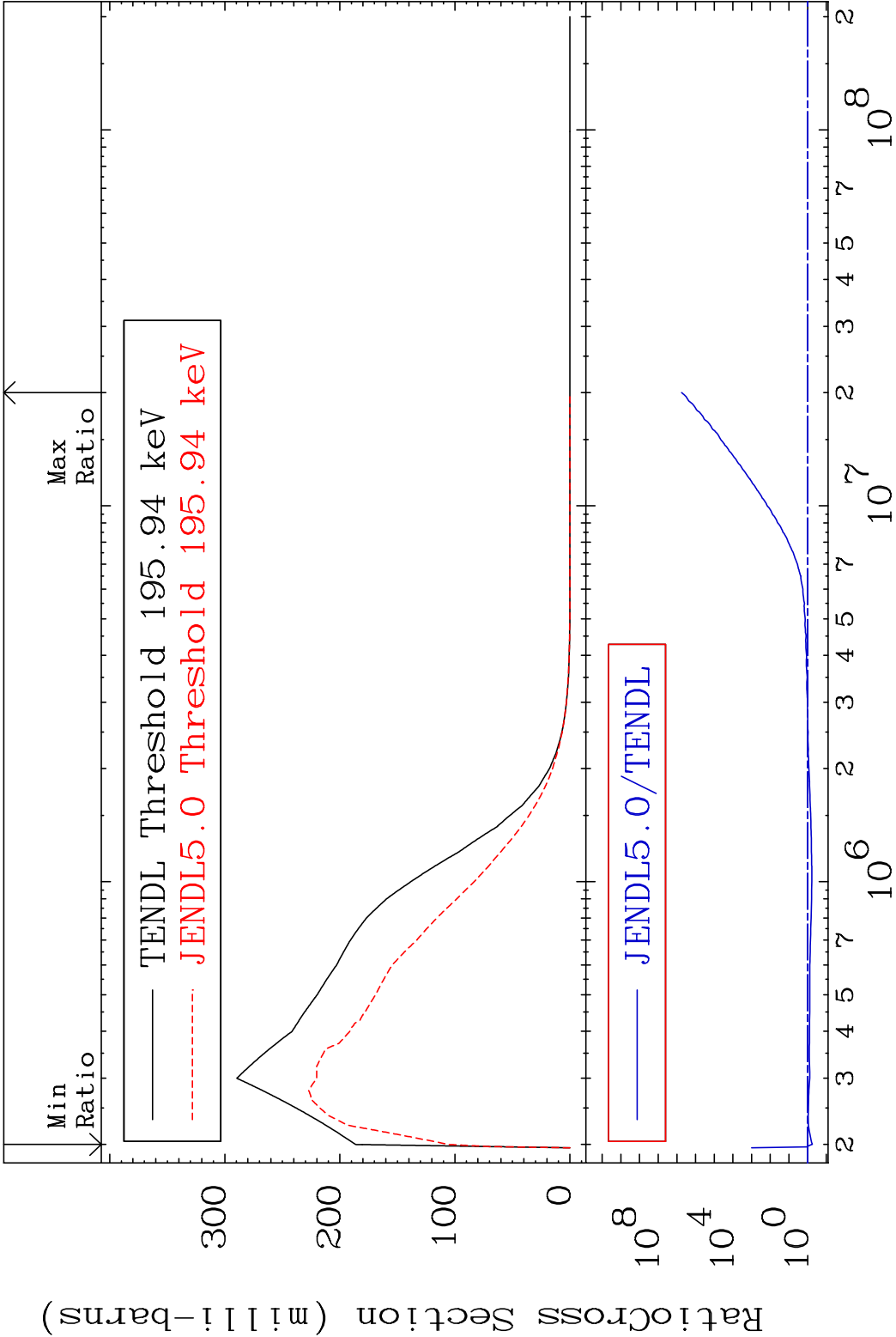
MAT 6252

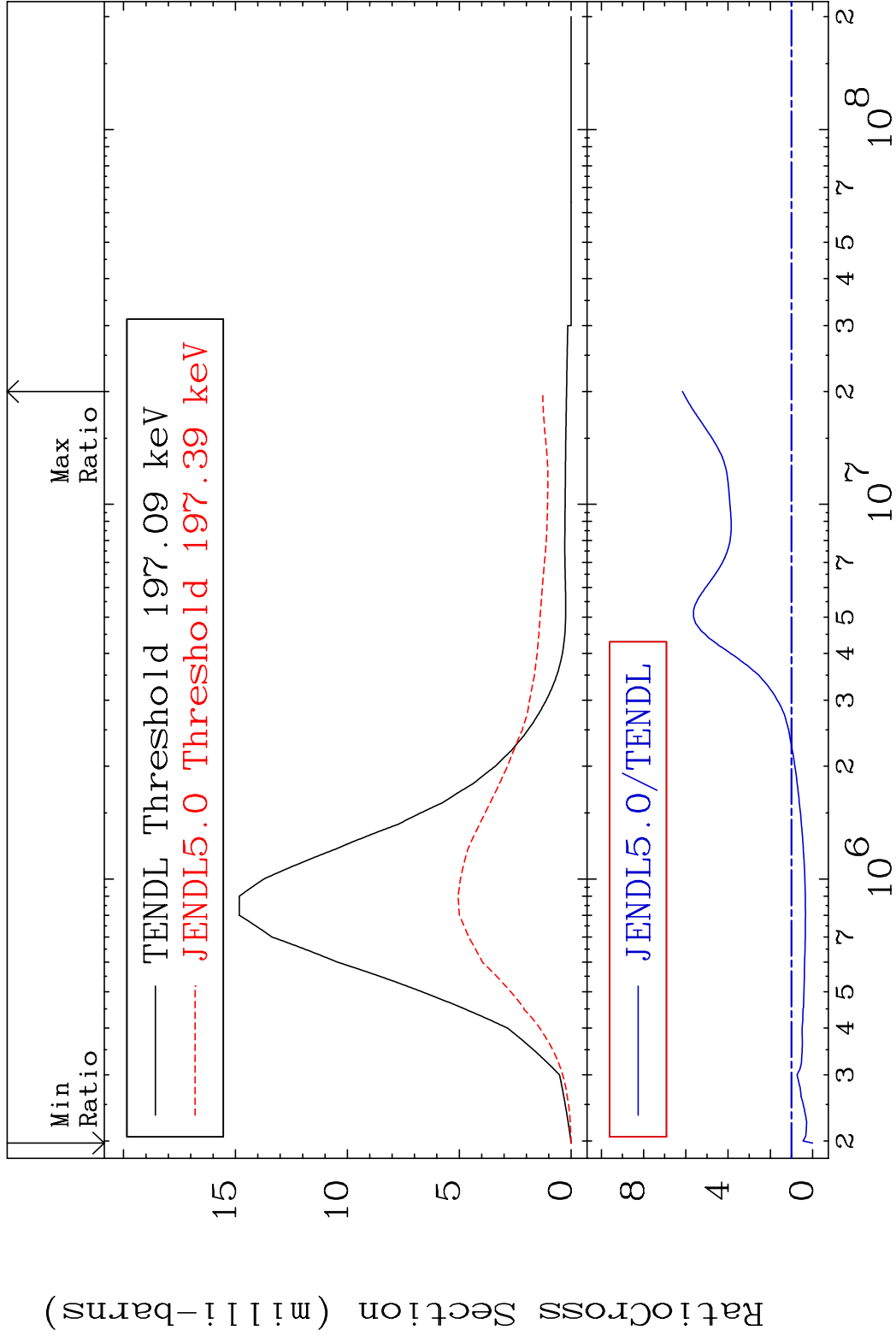
MT= 63 (n,n') Level

62-Sm-153

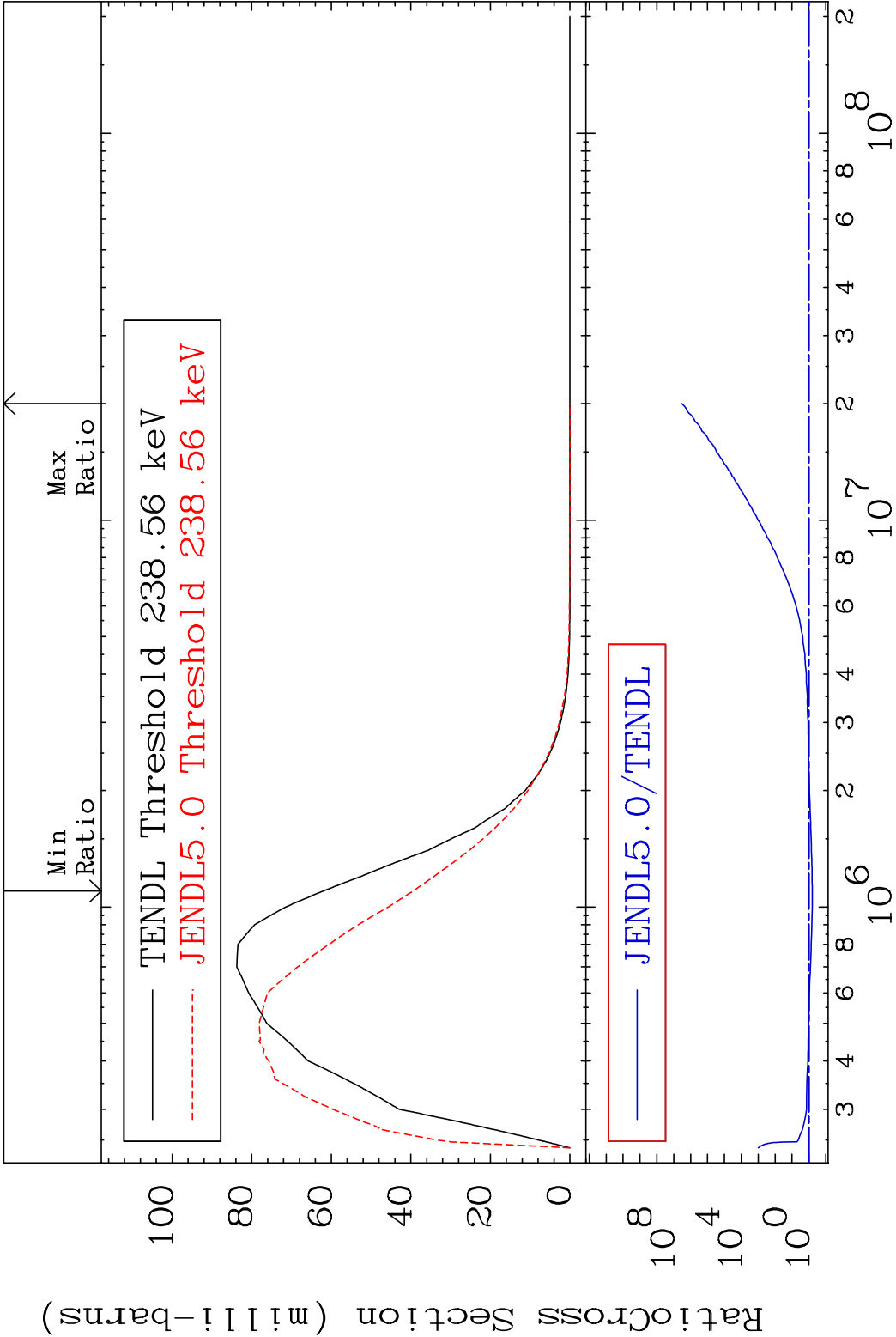
Cross Section

-43.59 To 9999. %

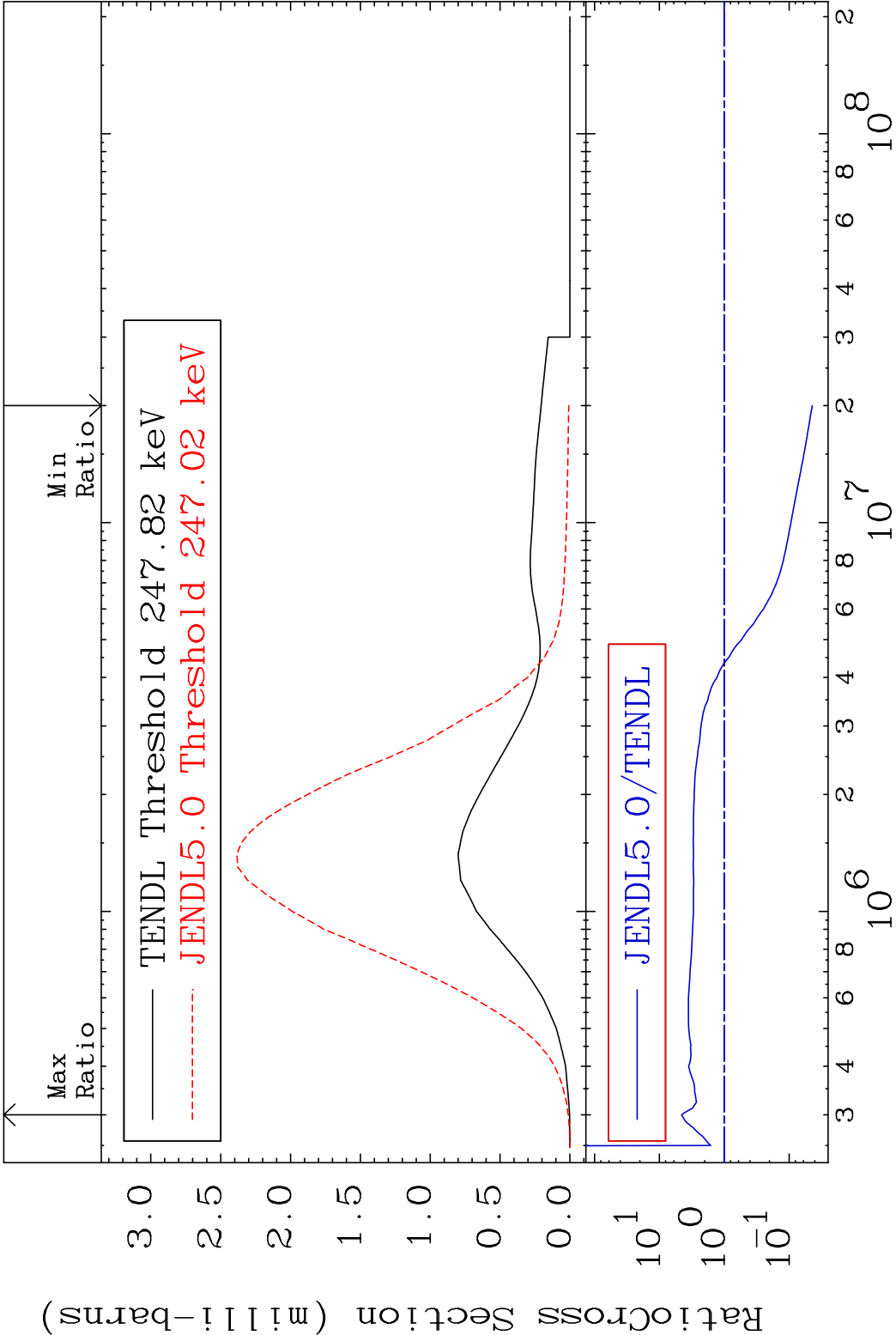




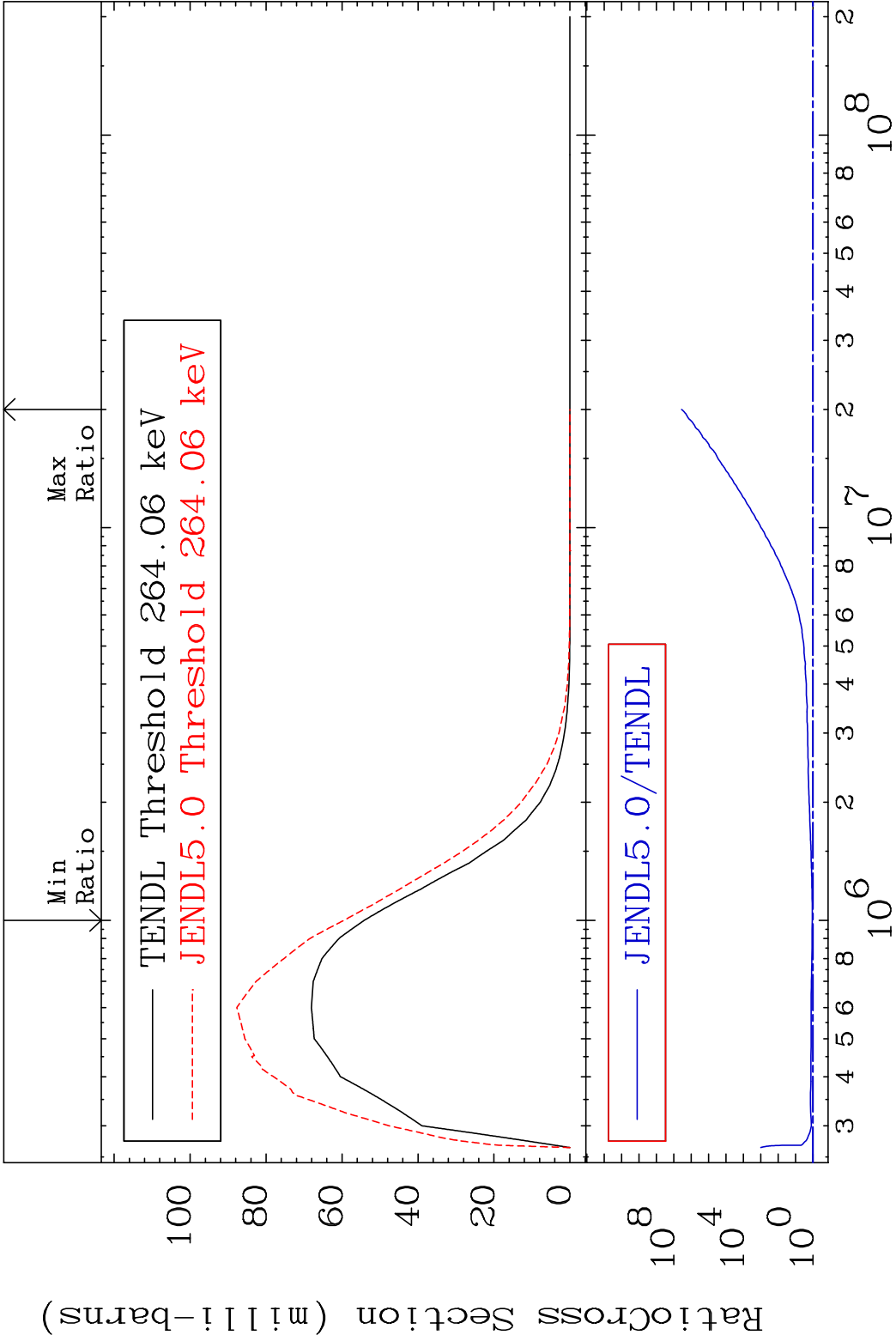
MAT 6252 MT= 65 (n,n') Level 62-Sm-153
Cross Section -36.48 To 9999. %



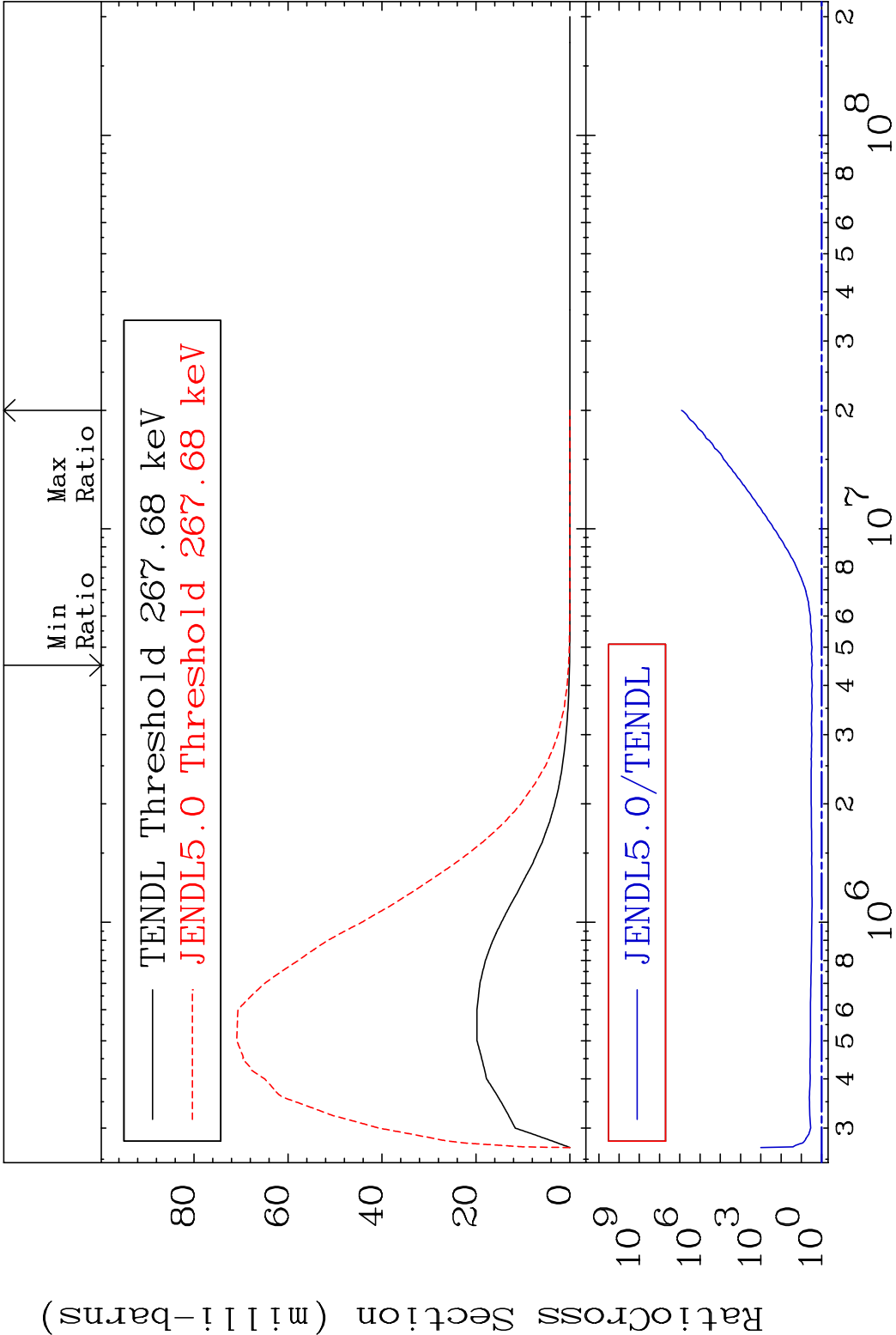
25 Incident Energy (eV) 62-Sm-153



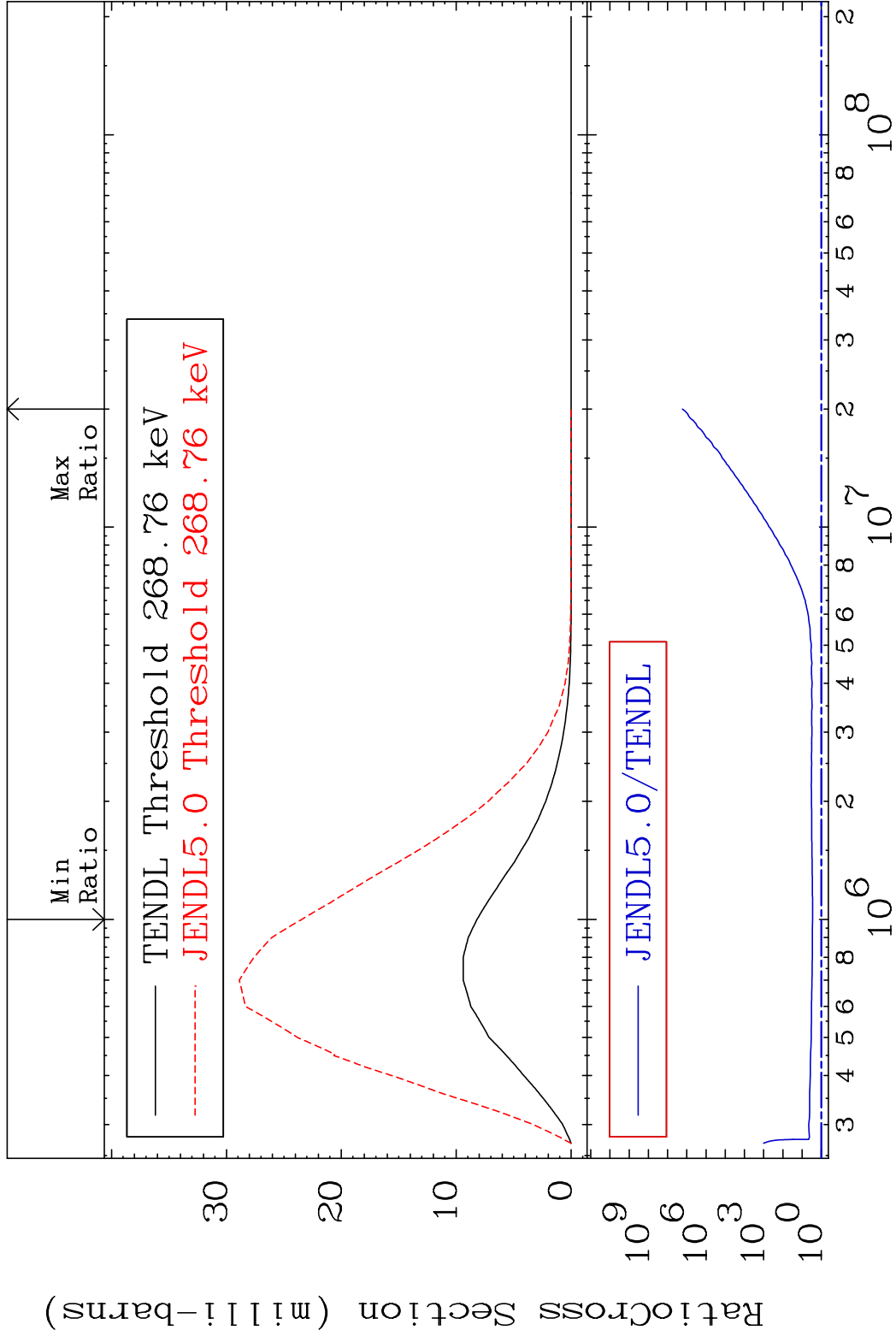
MAT 6252 MT= 67 (n,n') Level 62-Sm-153
Cross Section 9.856 To 9999. %



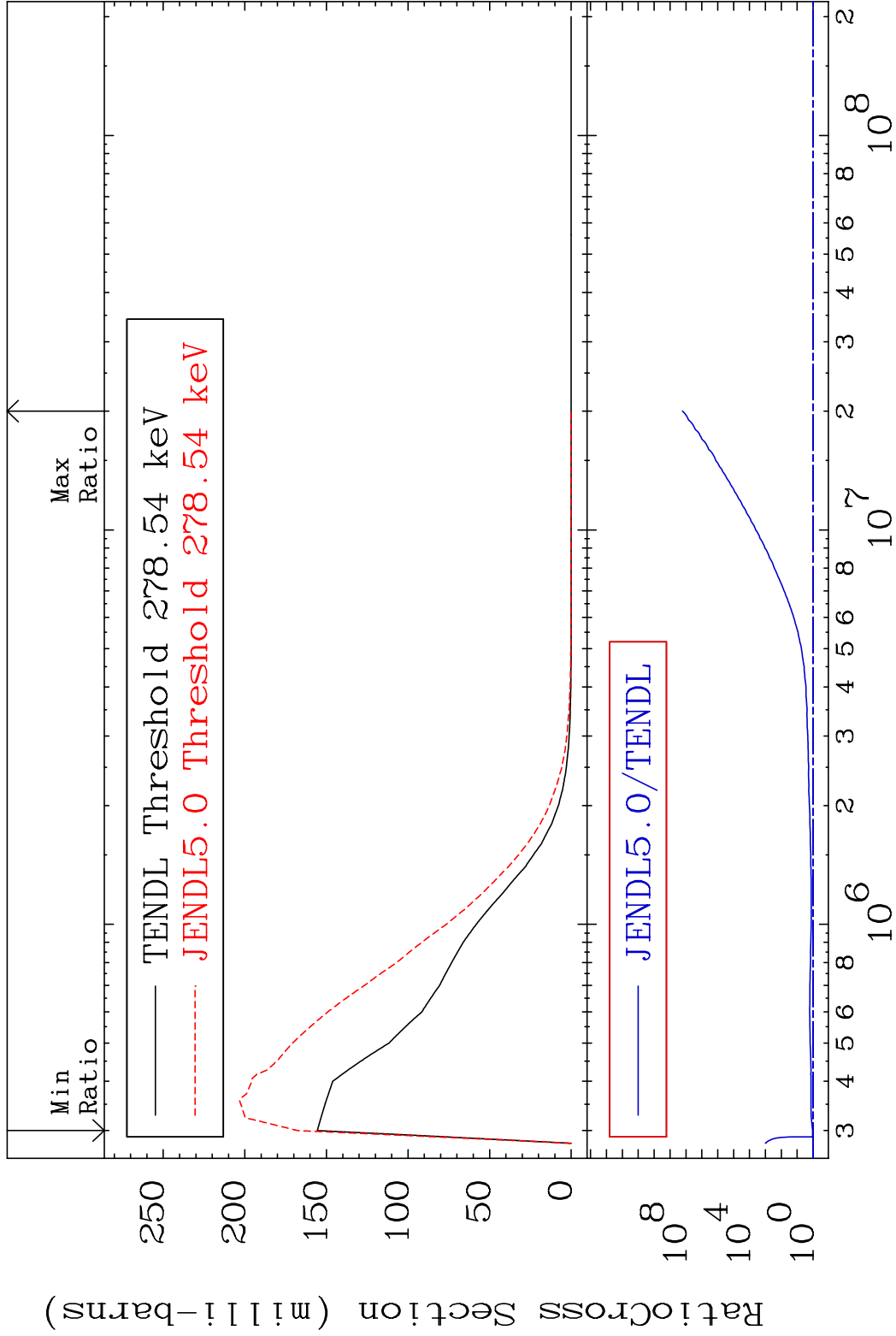
MAT 6252 MT= 68 (n,n') Level 62-Sm-153
Cross Section 190.8 To 9999. %



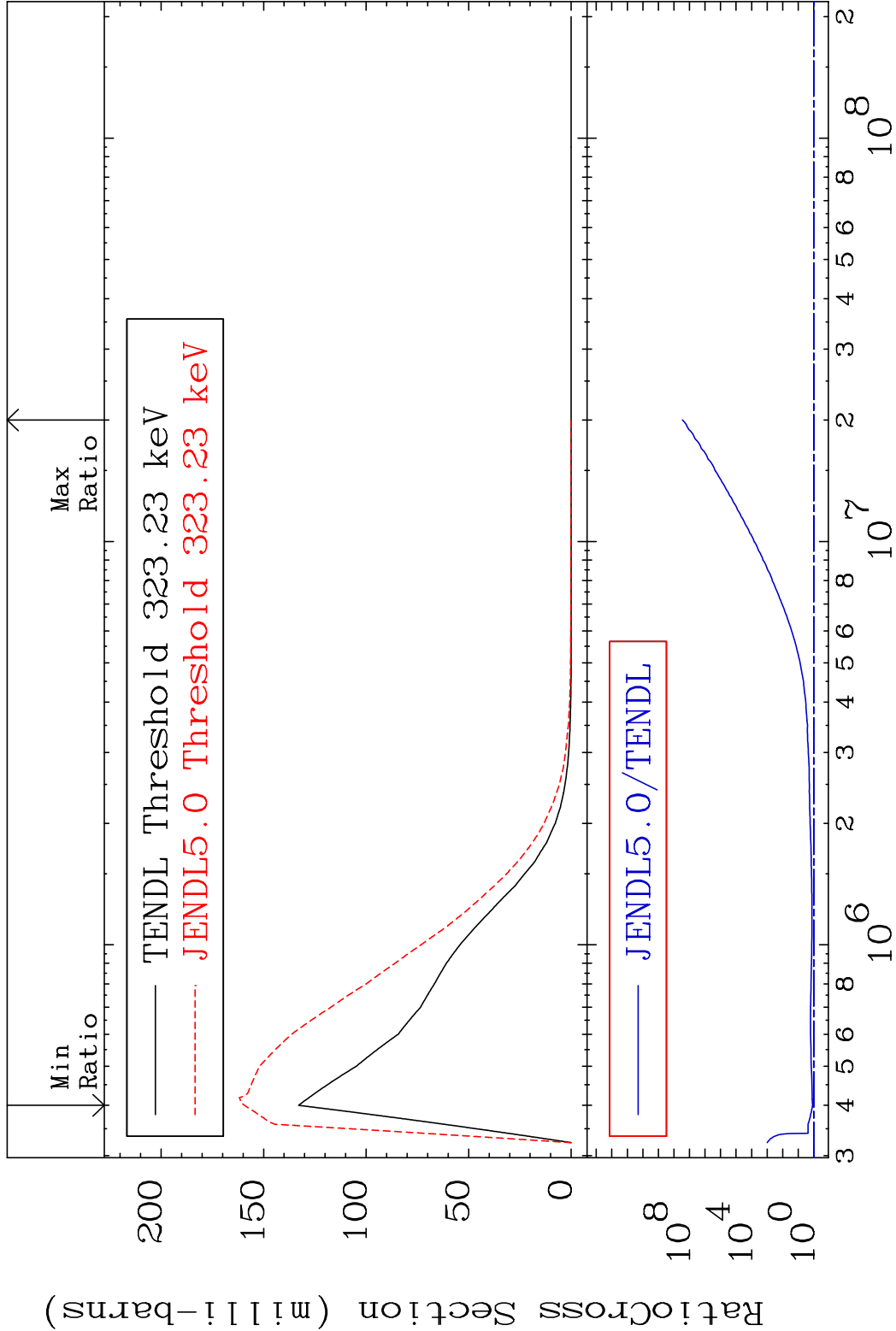
MAT 6252 MT= 69 (n,n') Level 62-Sm-153
Cross Section 186.2 To 9999. %



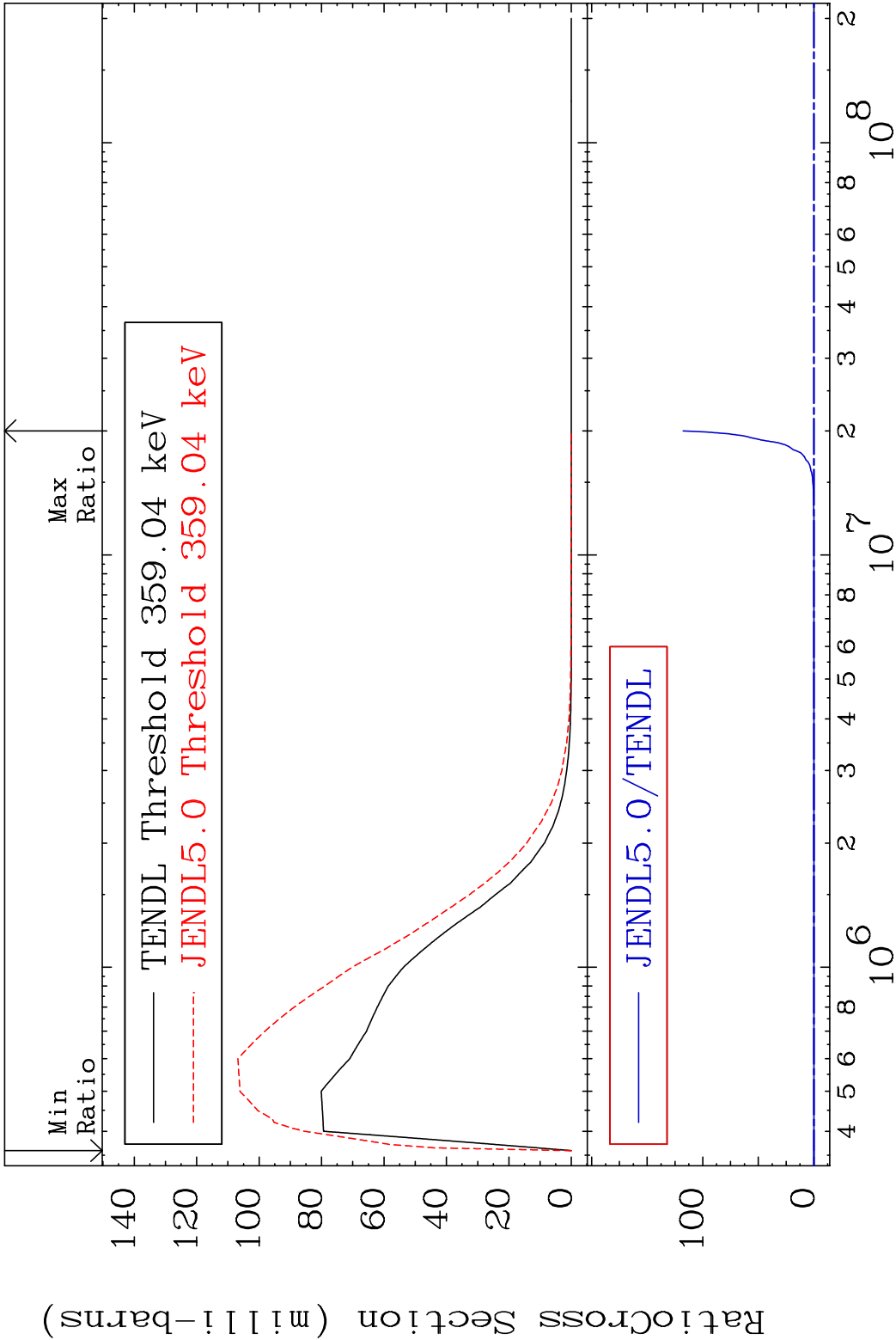
MAT 6252 MT= 70 (n,n') Level 62-Sm-153
Cross Section 7.810 To 9999. %

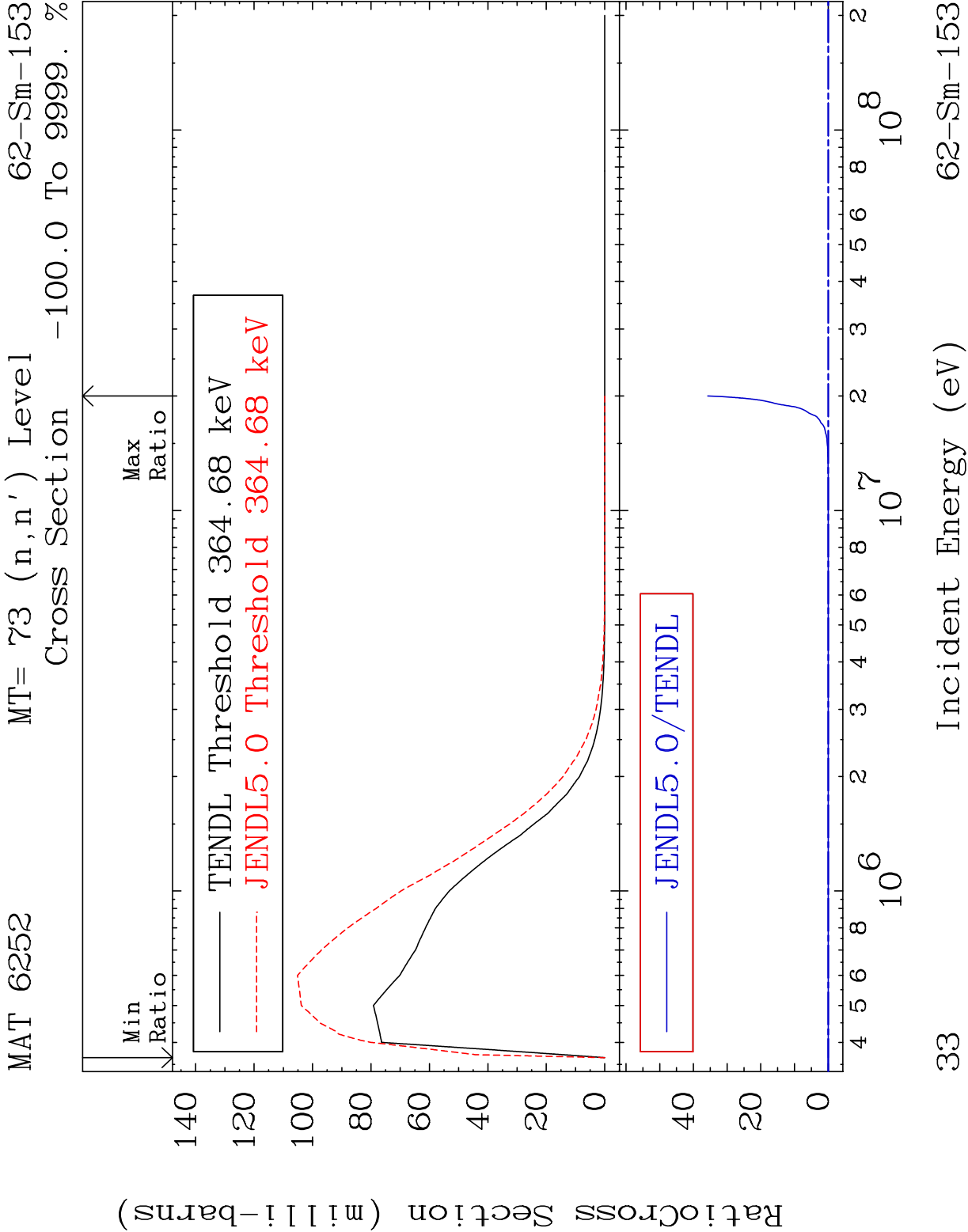


MAT 6252	MT= 71 (n,n')	Level	62-Sm-153
	Cross Section	19.86	To 9999. %



MAT 6252 MT= 72 (n,n') Level 62-Sm-153
Cross Section -100.0 To 9999. %





MAT 6252

MT= 74 (n,n')

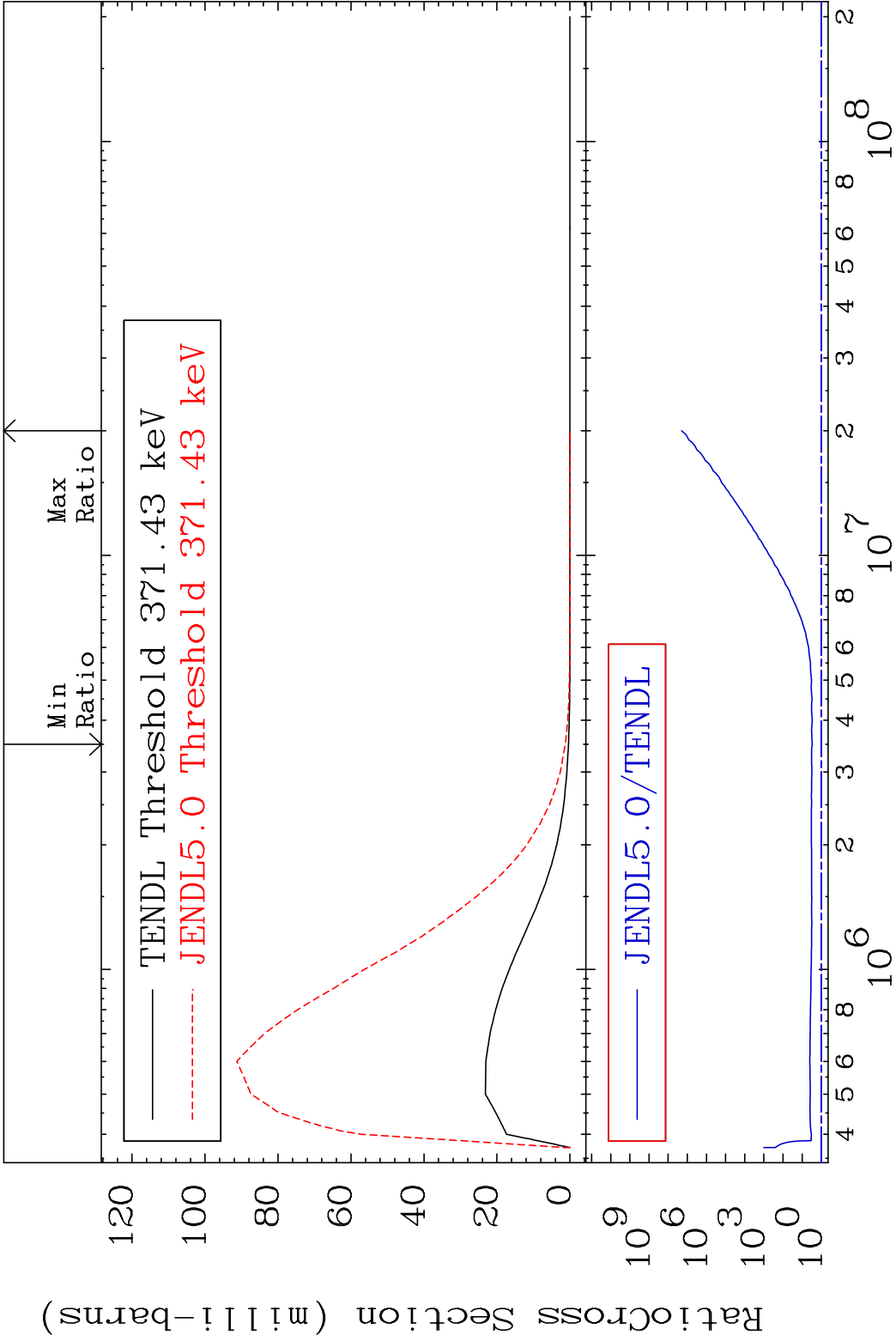
Level

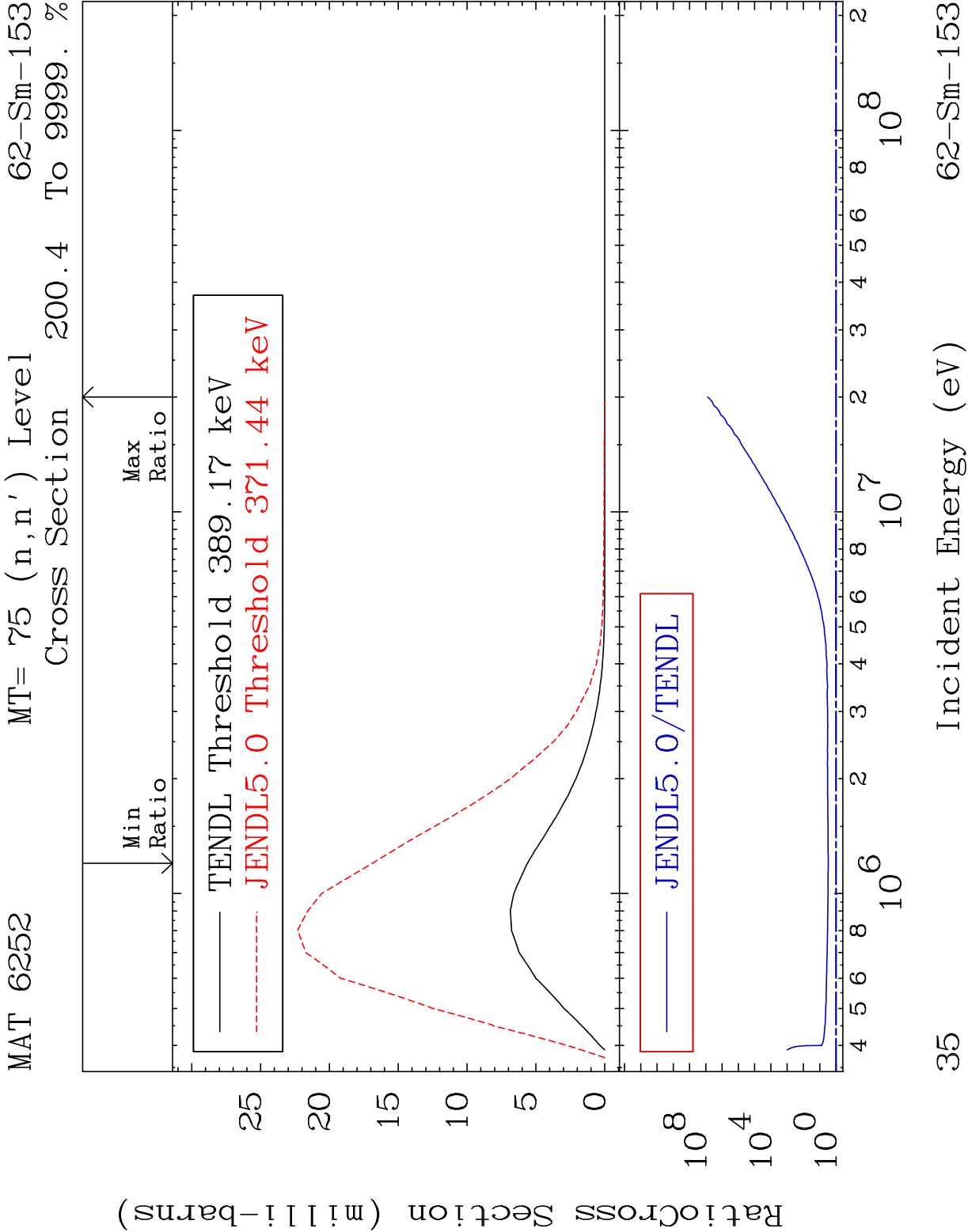
62-Sm-153

Cross Section

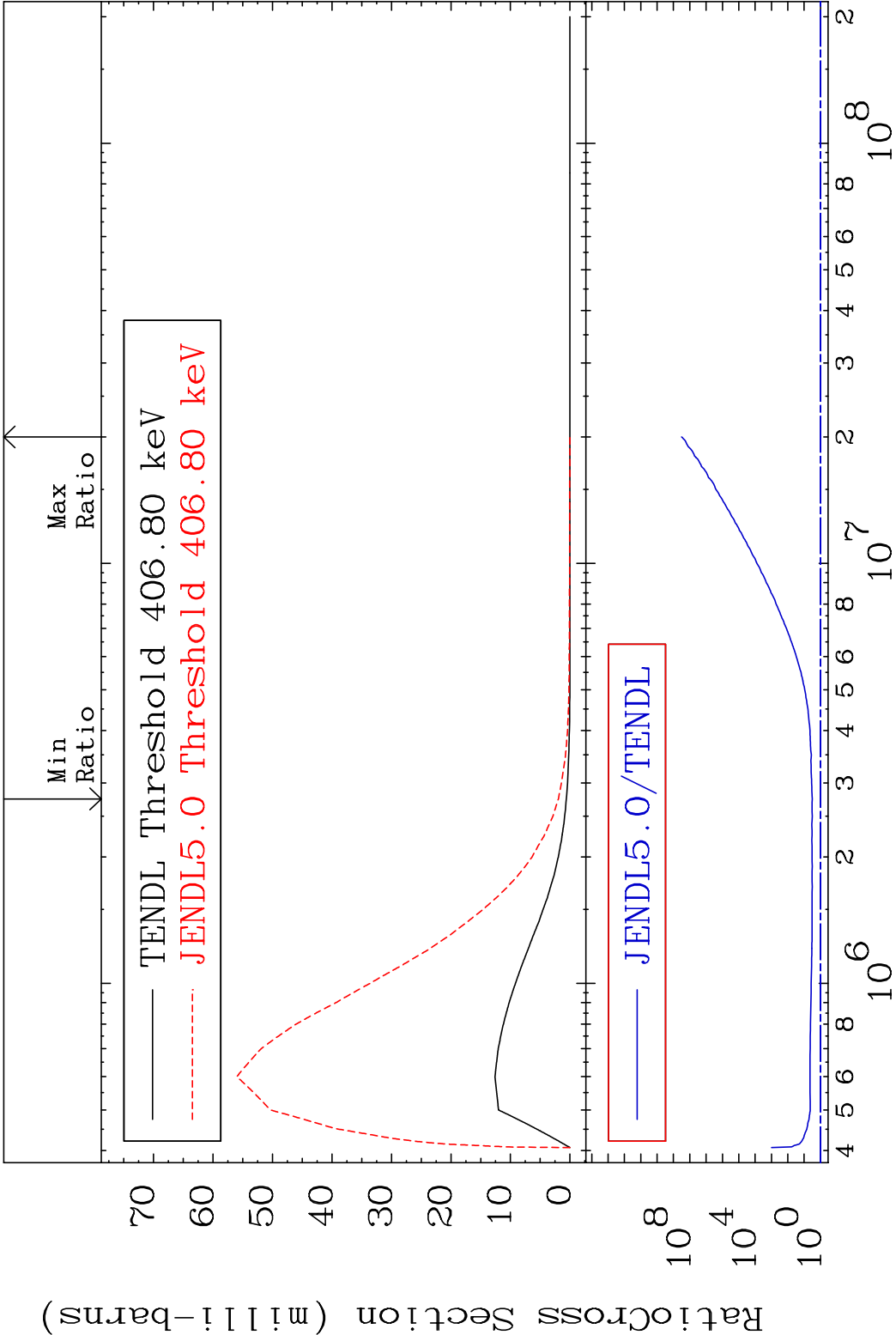
196.9

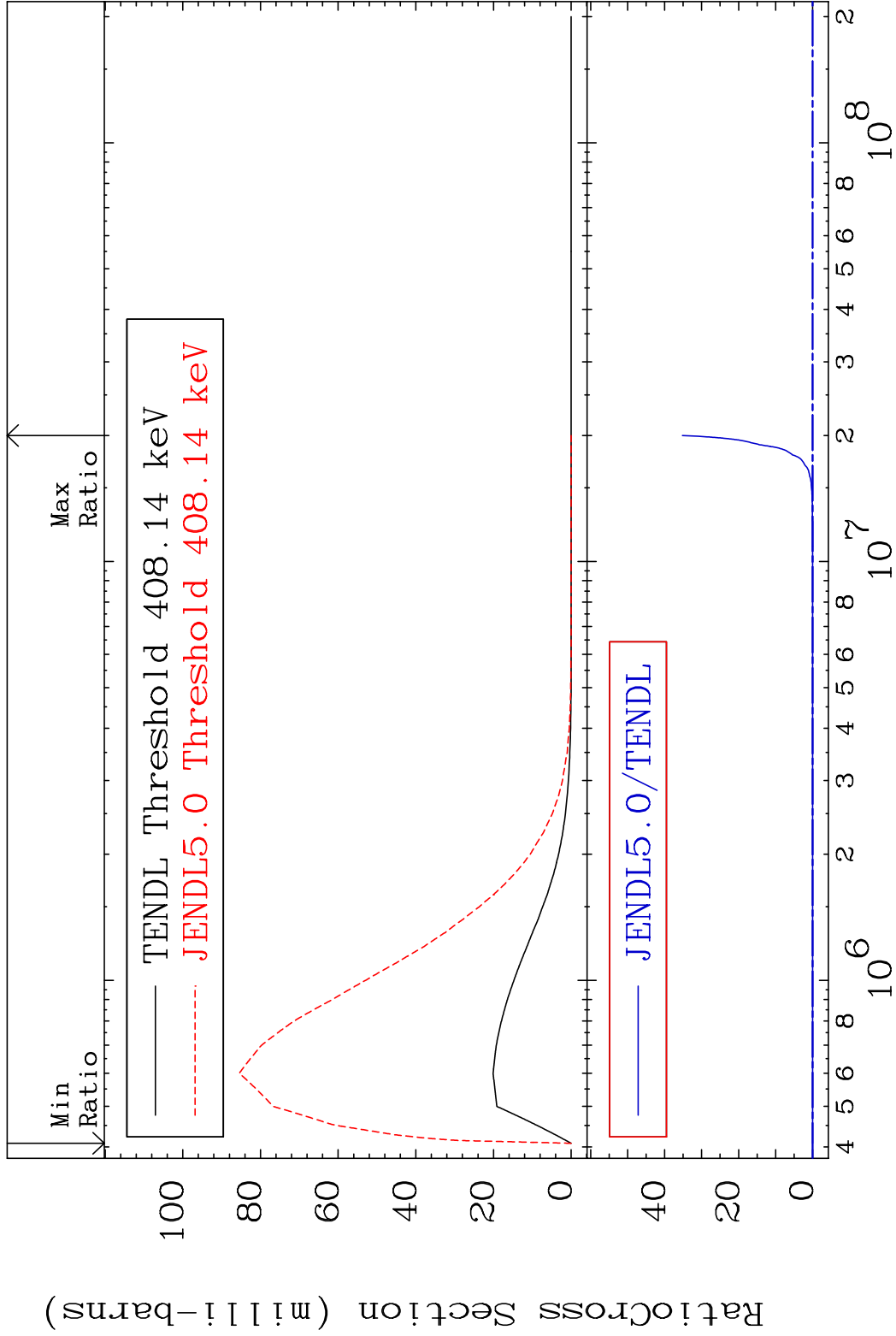
To 9999. %

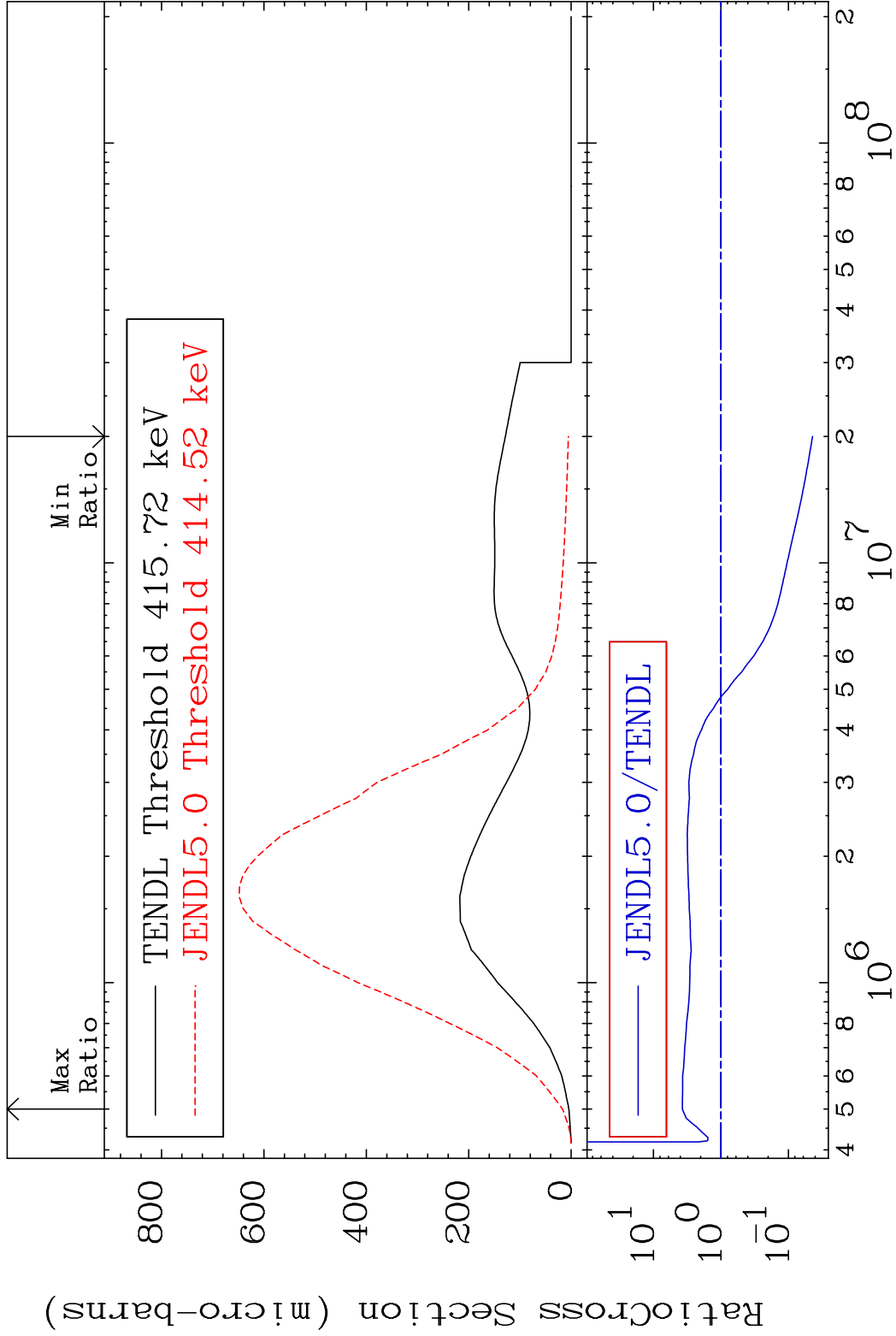




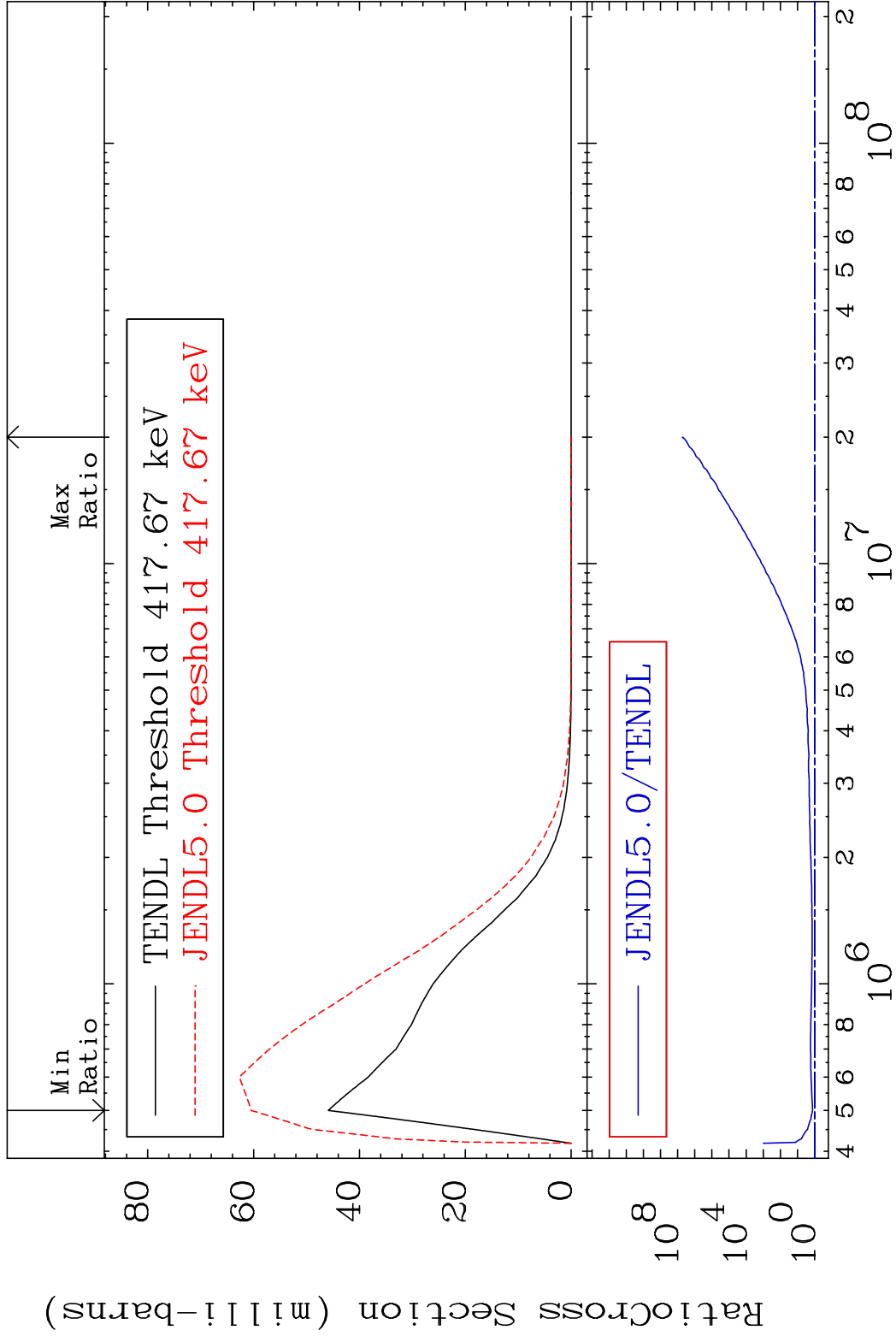
MAT 6252 MT= 76 (n,n') Level 62-Sm-153
Cross Section 219.4 To 9999. %



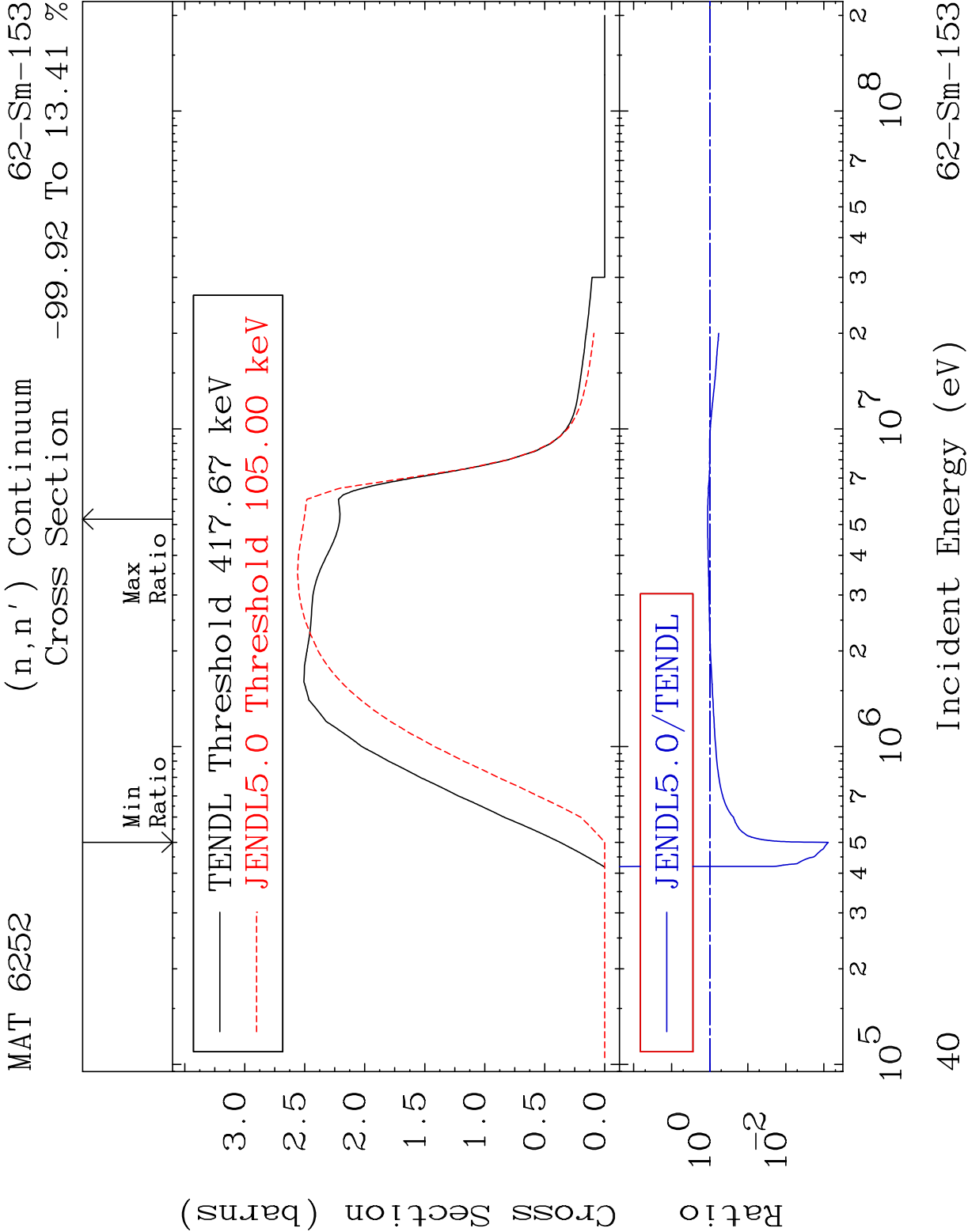




MAT 6252 MT= 79 (n,n') Level 62-Sm-153
Cross Section 31.70 To 9999. %



39 Incident Energy (eV) 62-Sm-153

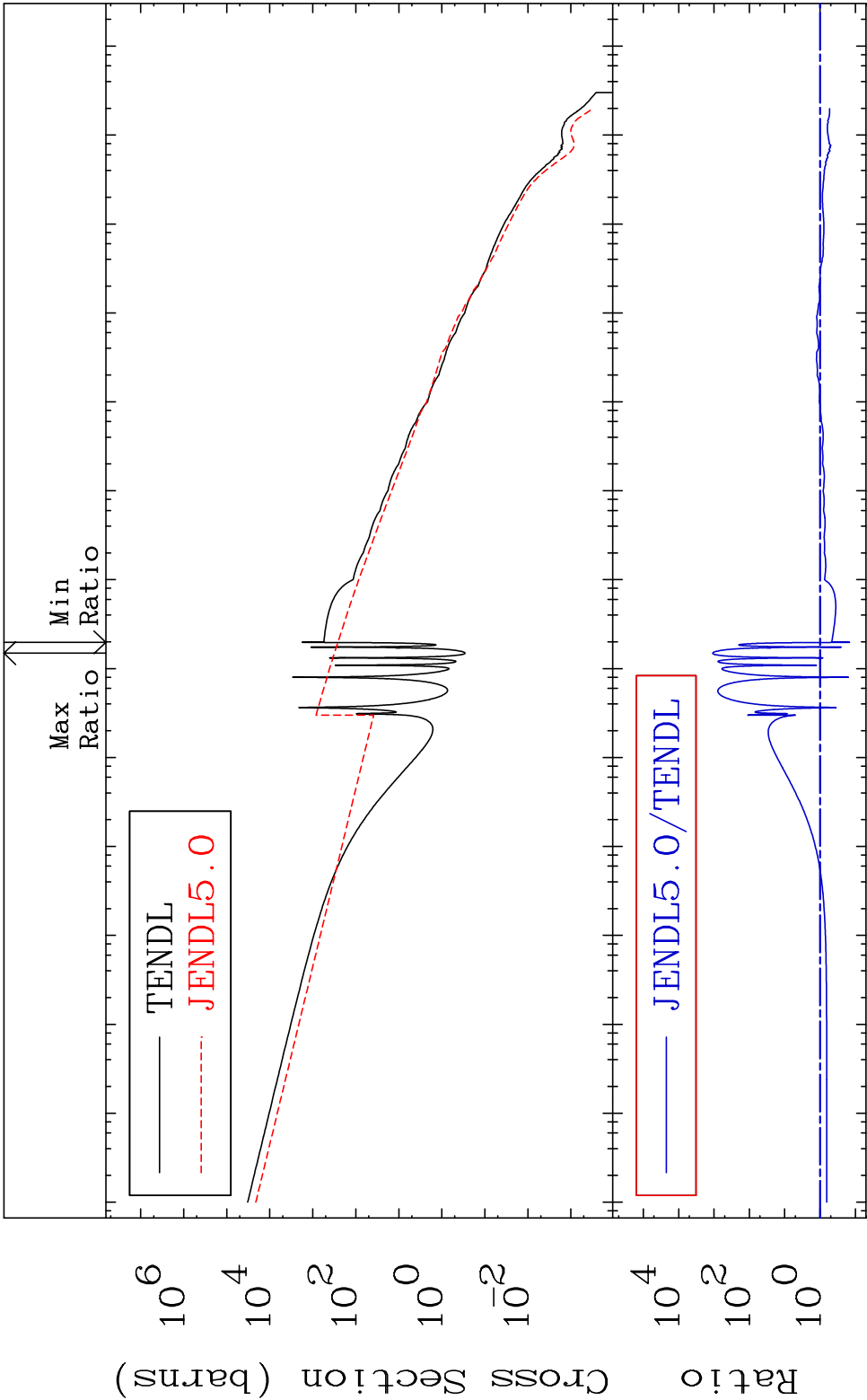


MAT 6252

(n, γ)

62-Sm-153

Cross Section -85.23 To 9999. %

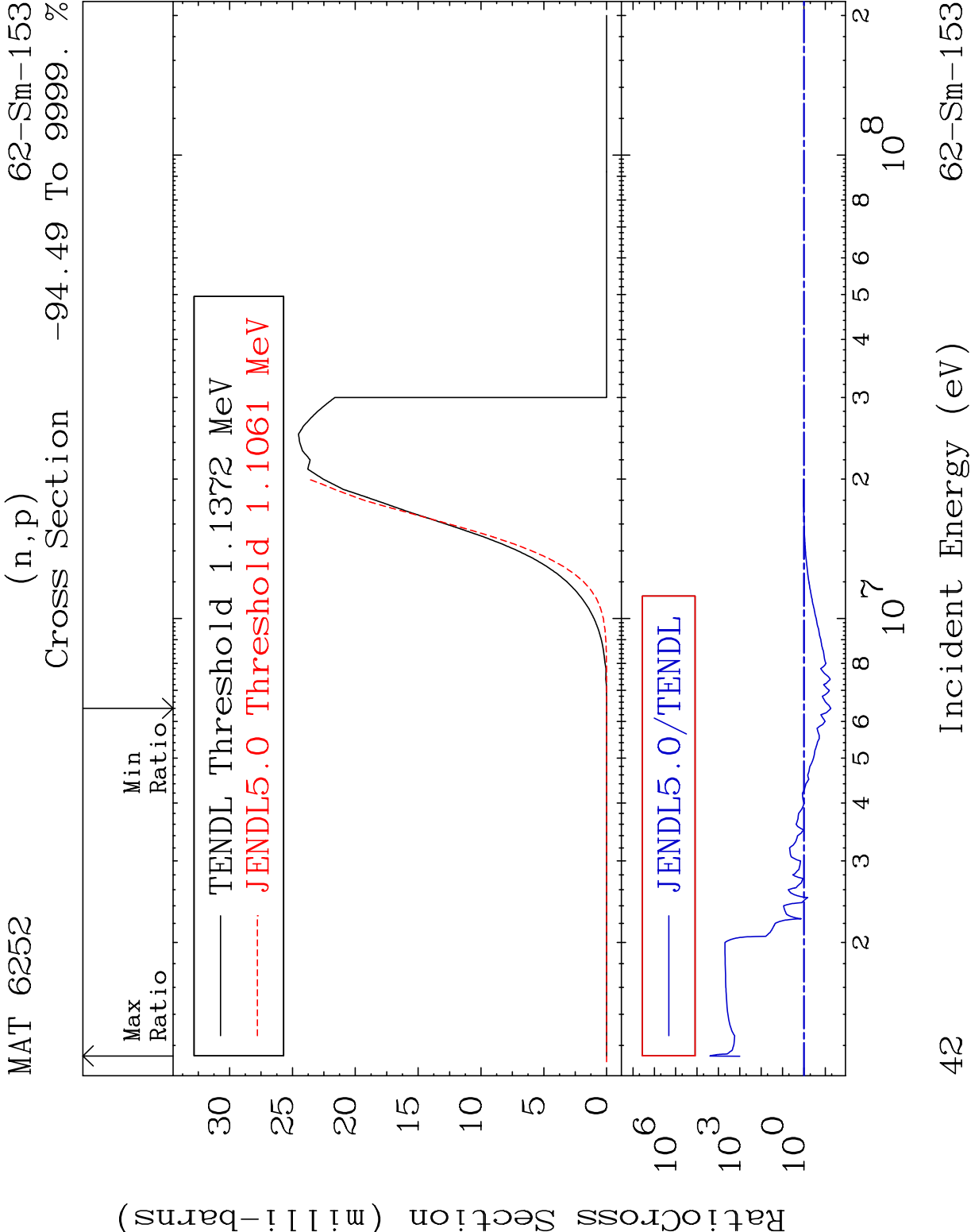


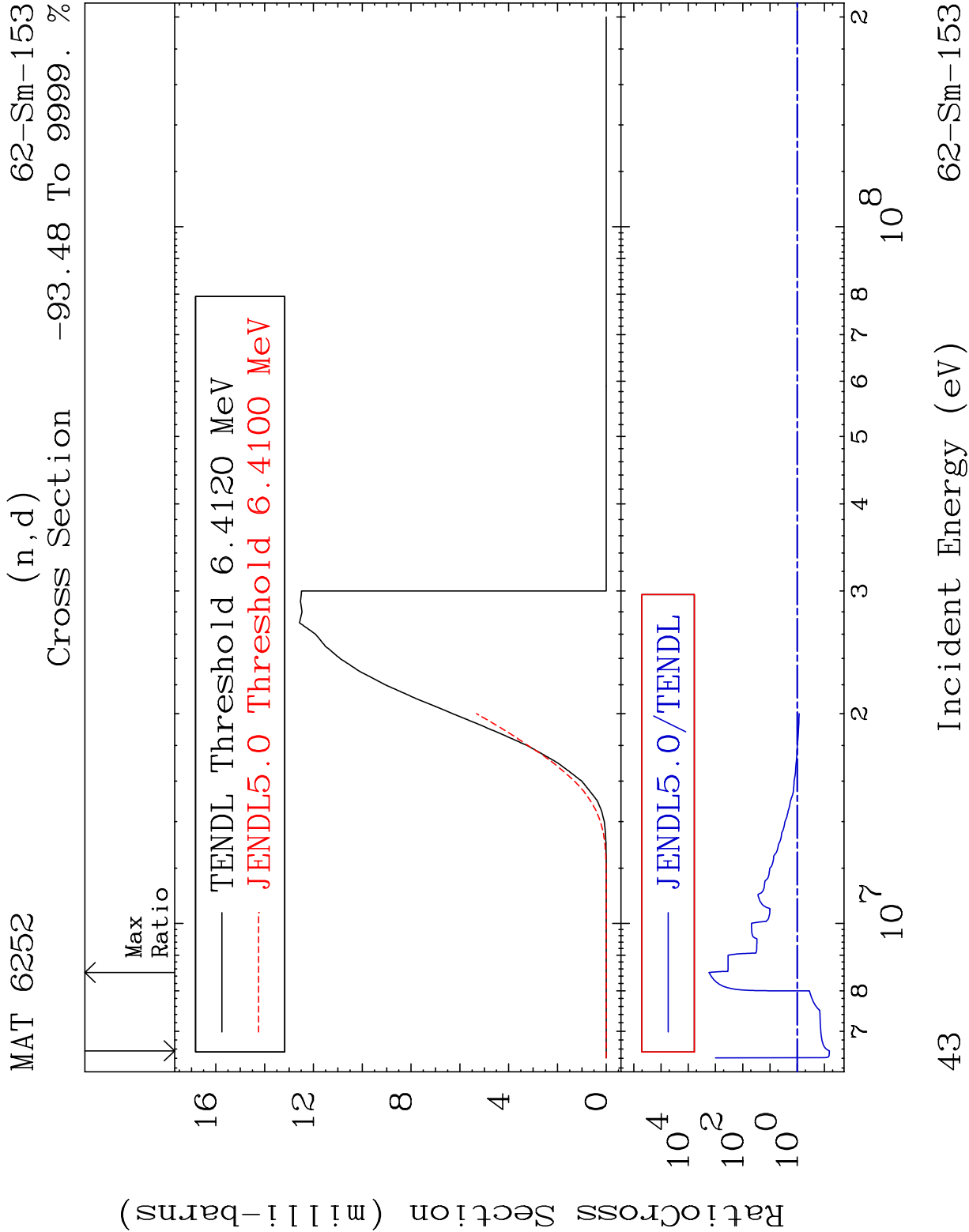
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

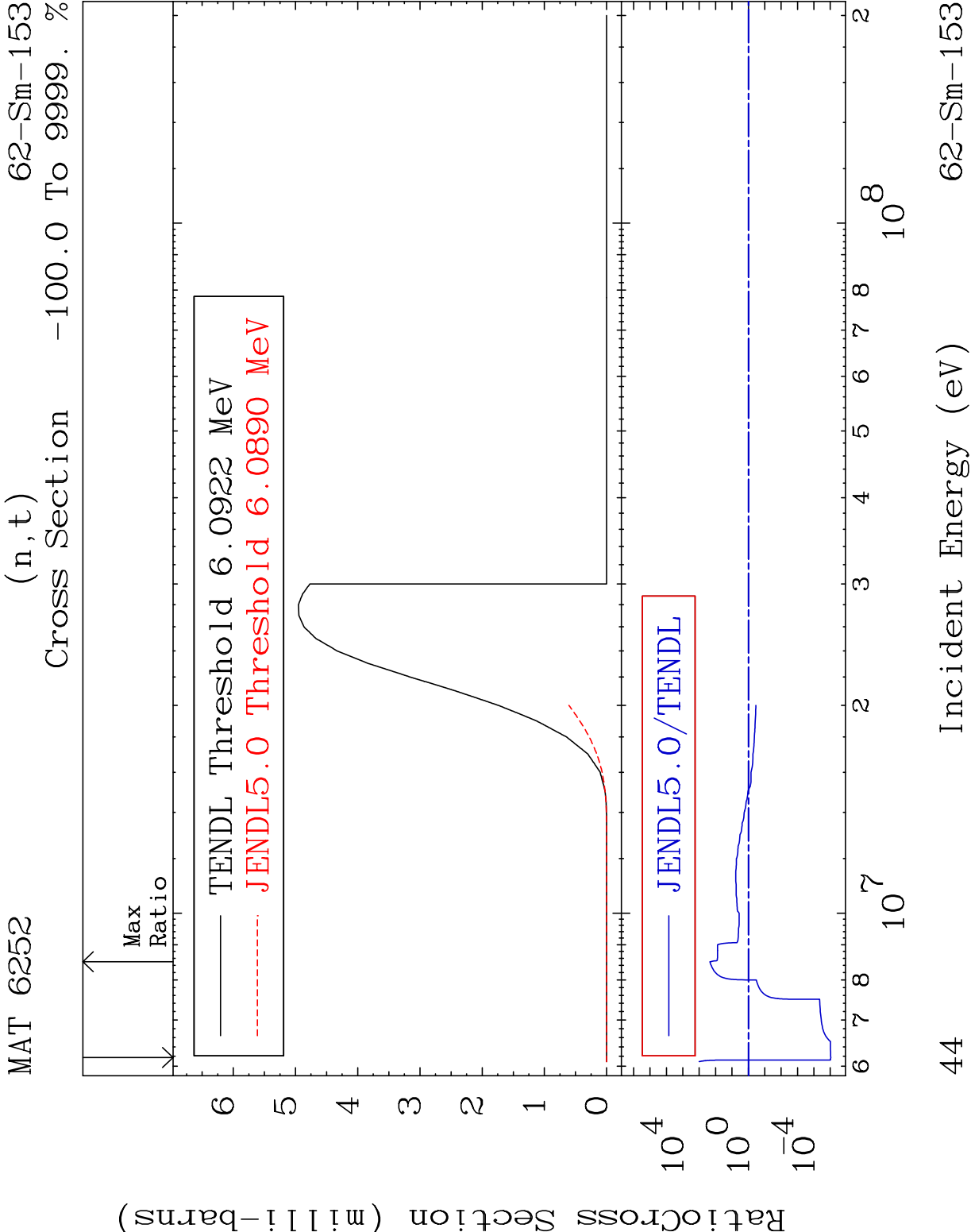
41

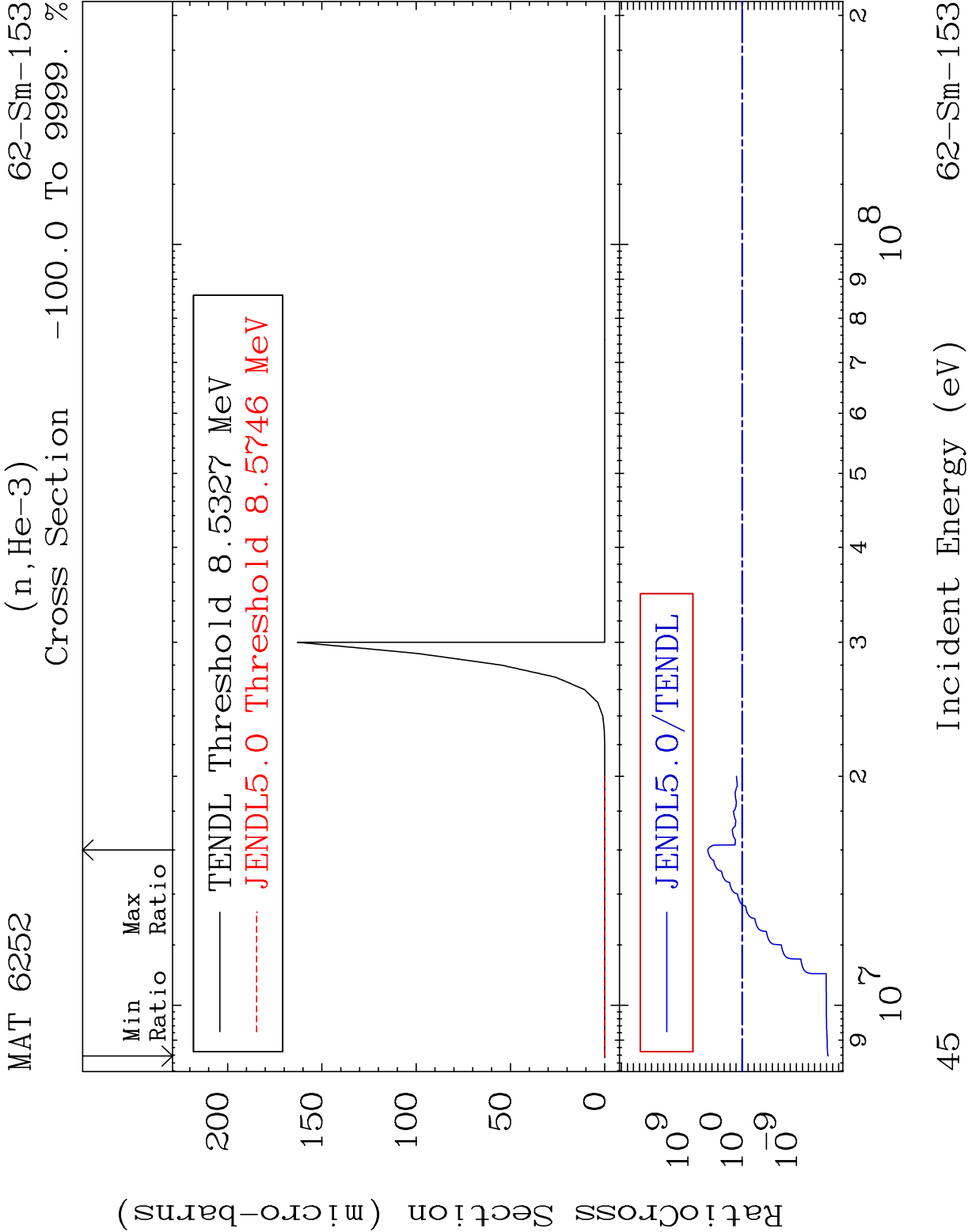
Incident Energy (eV)

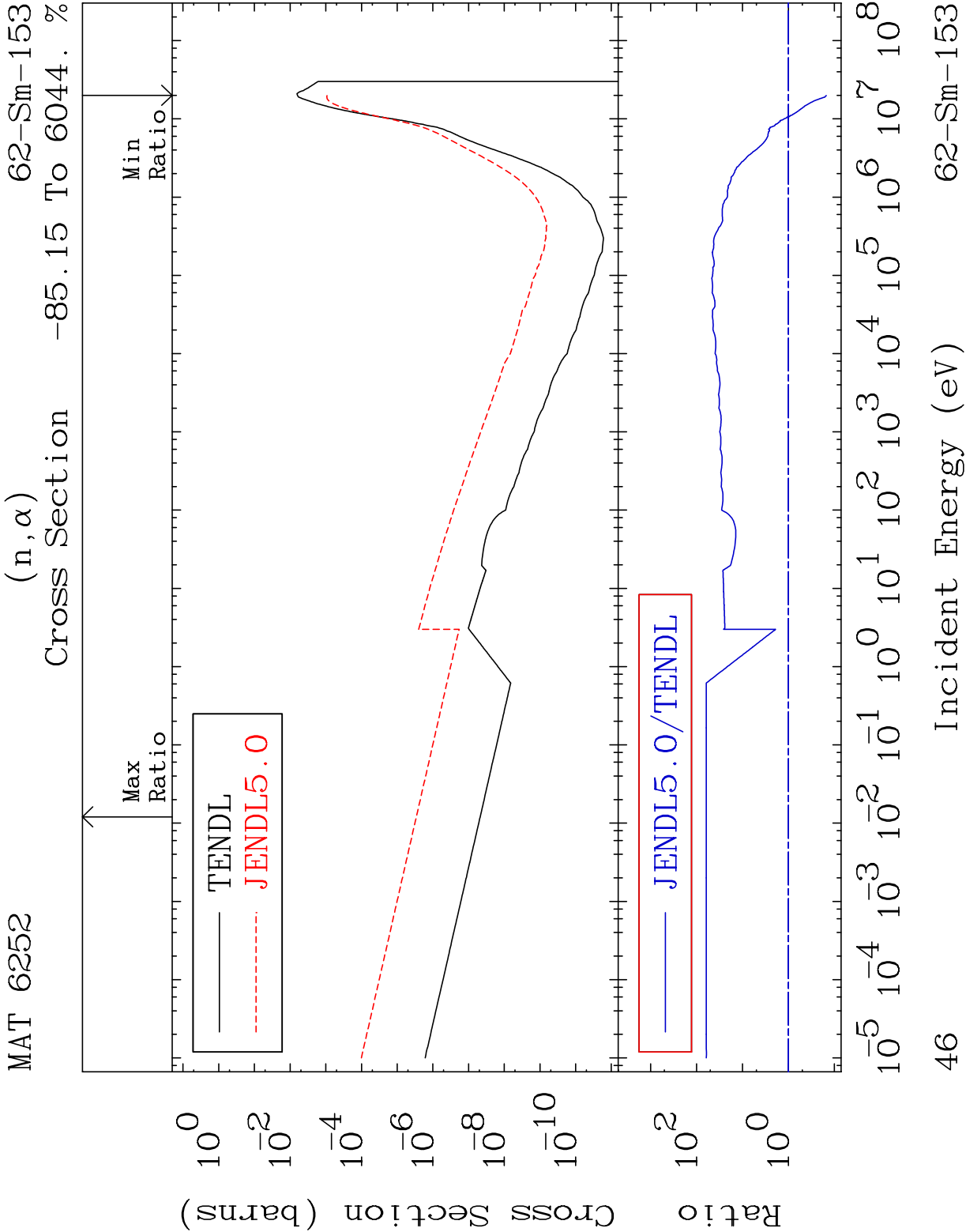
62-Sm-153

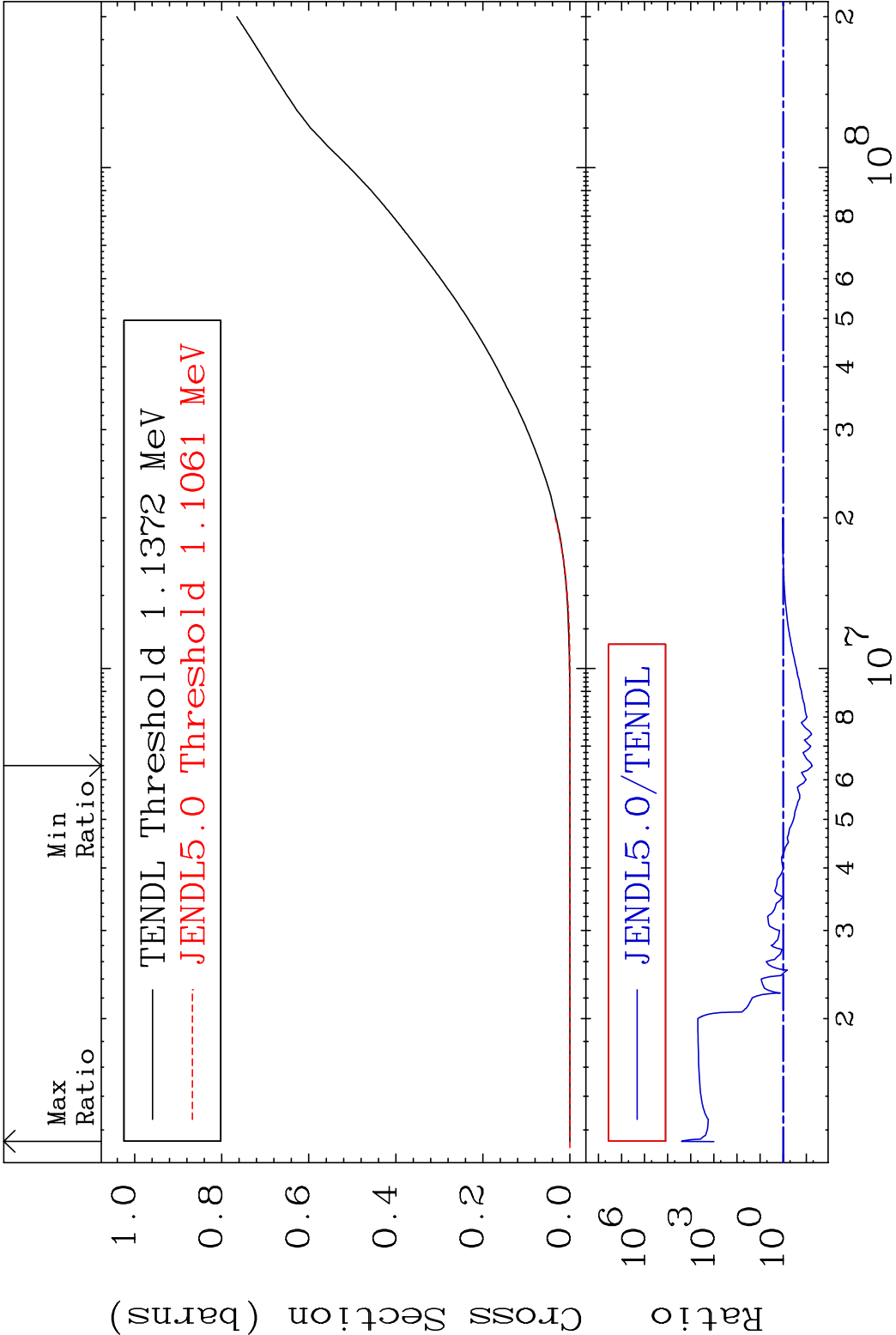


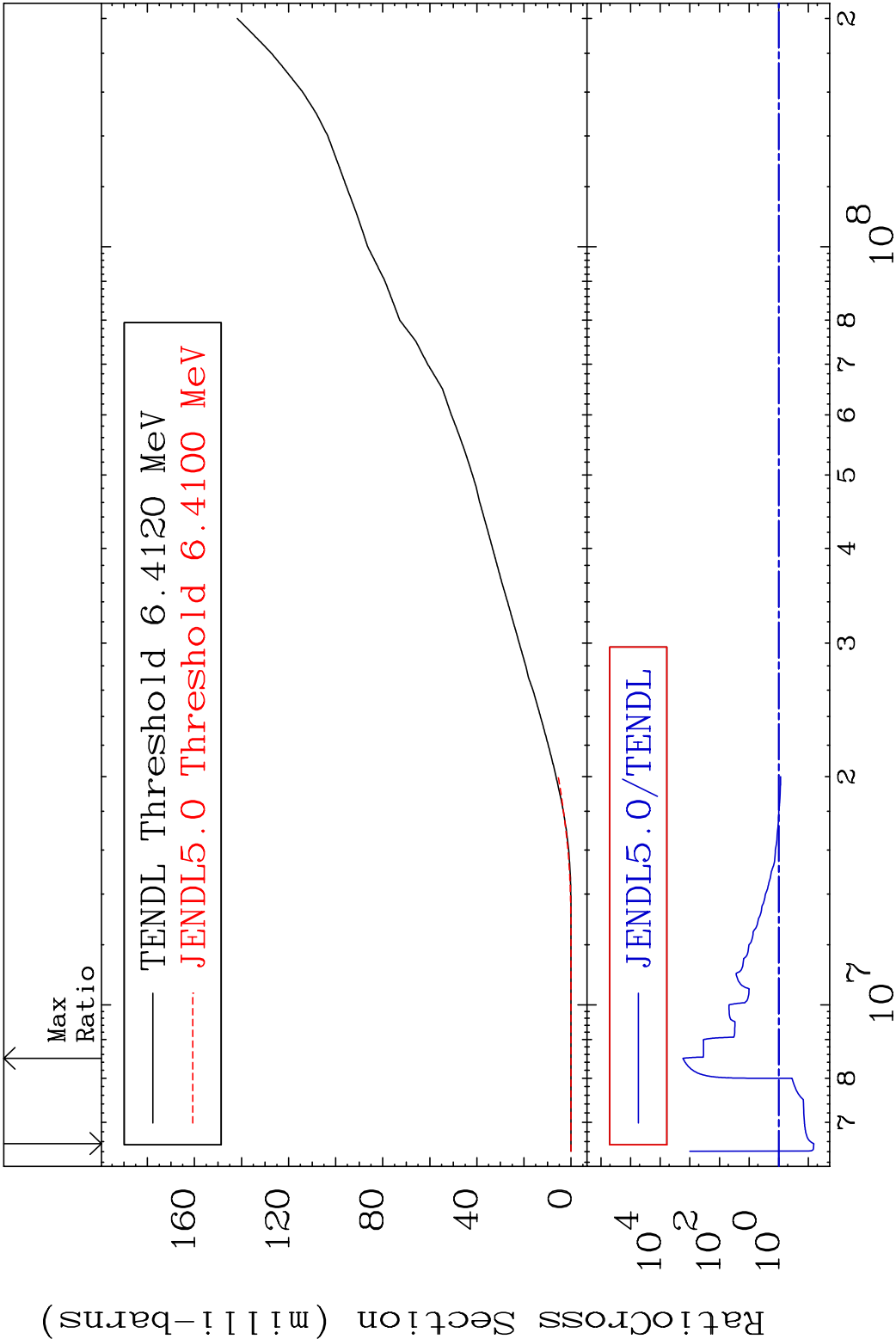


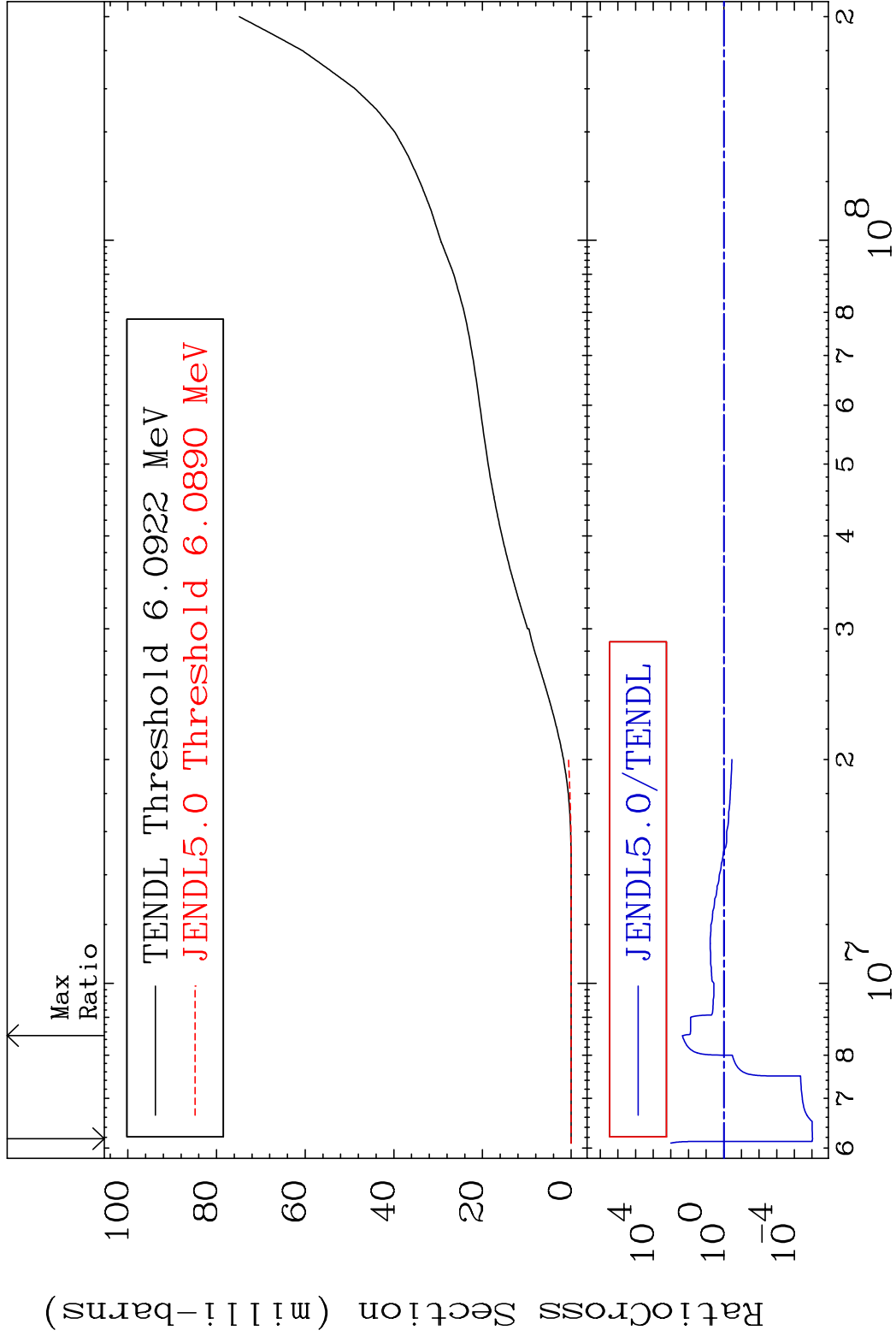


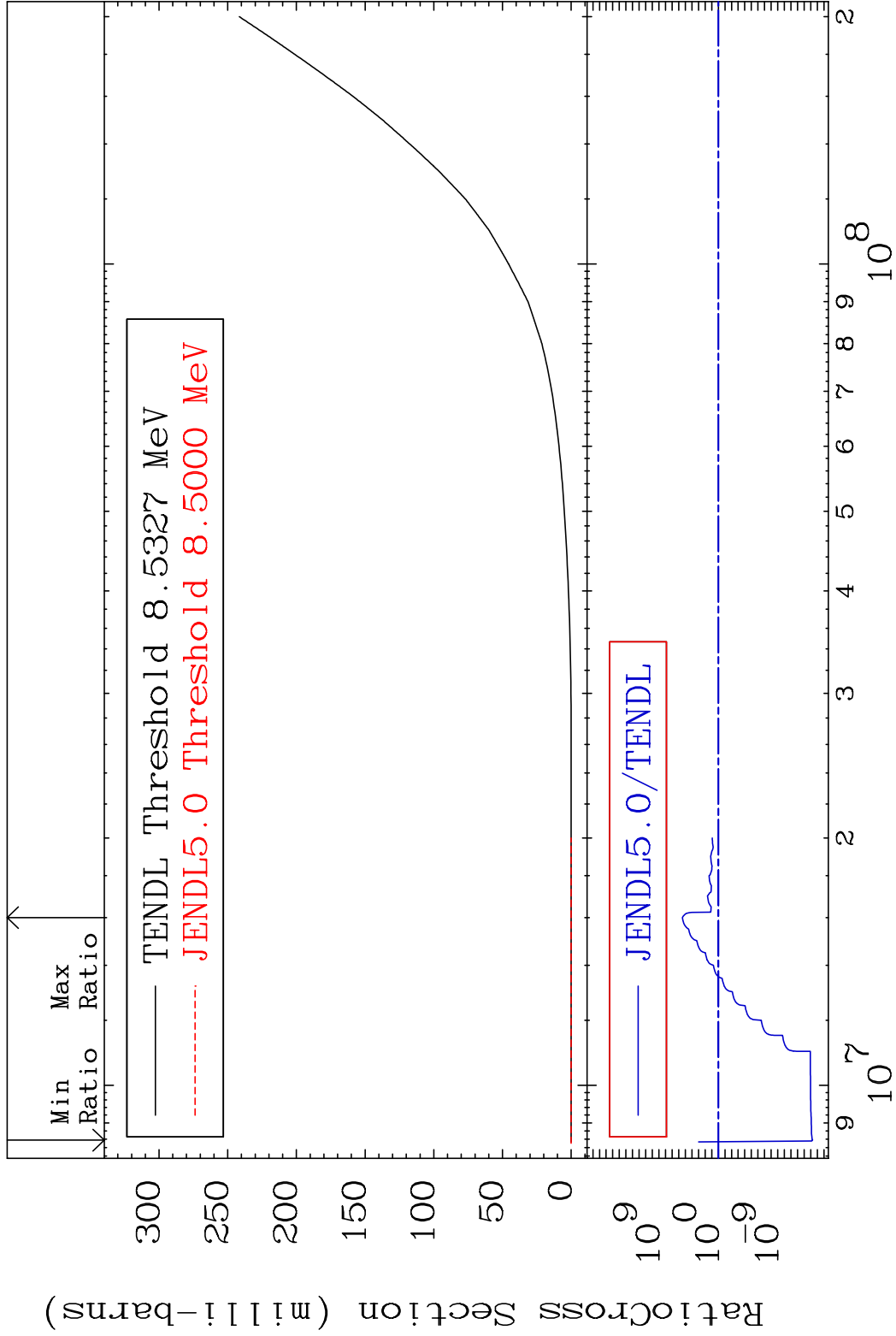


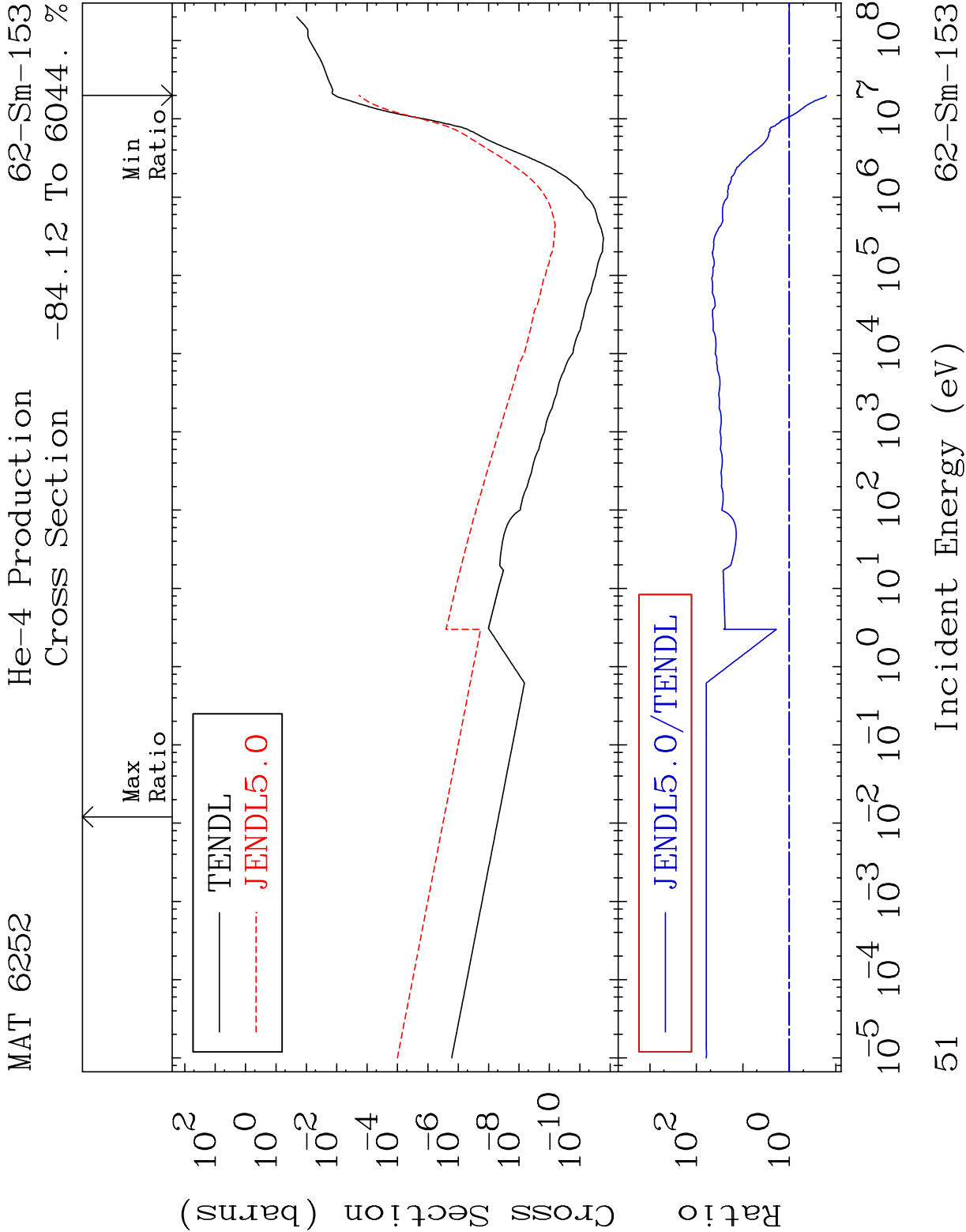




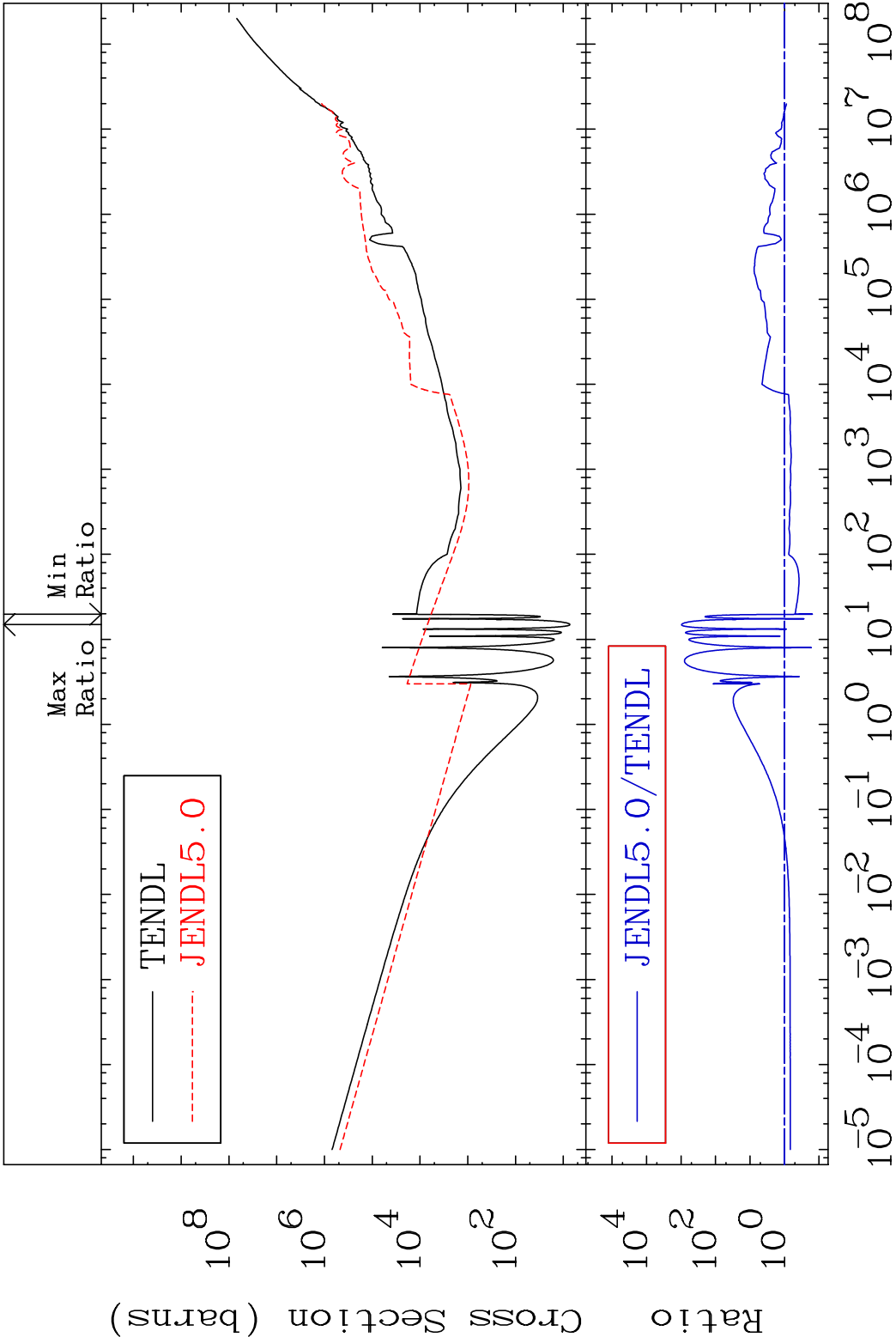


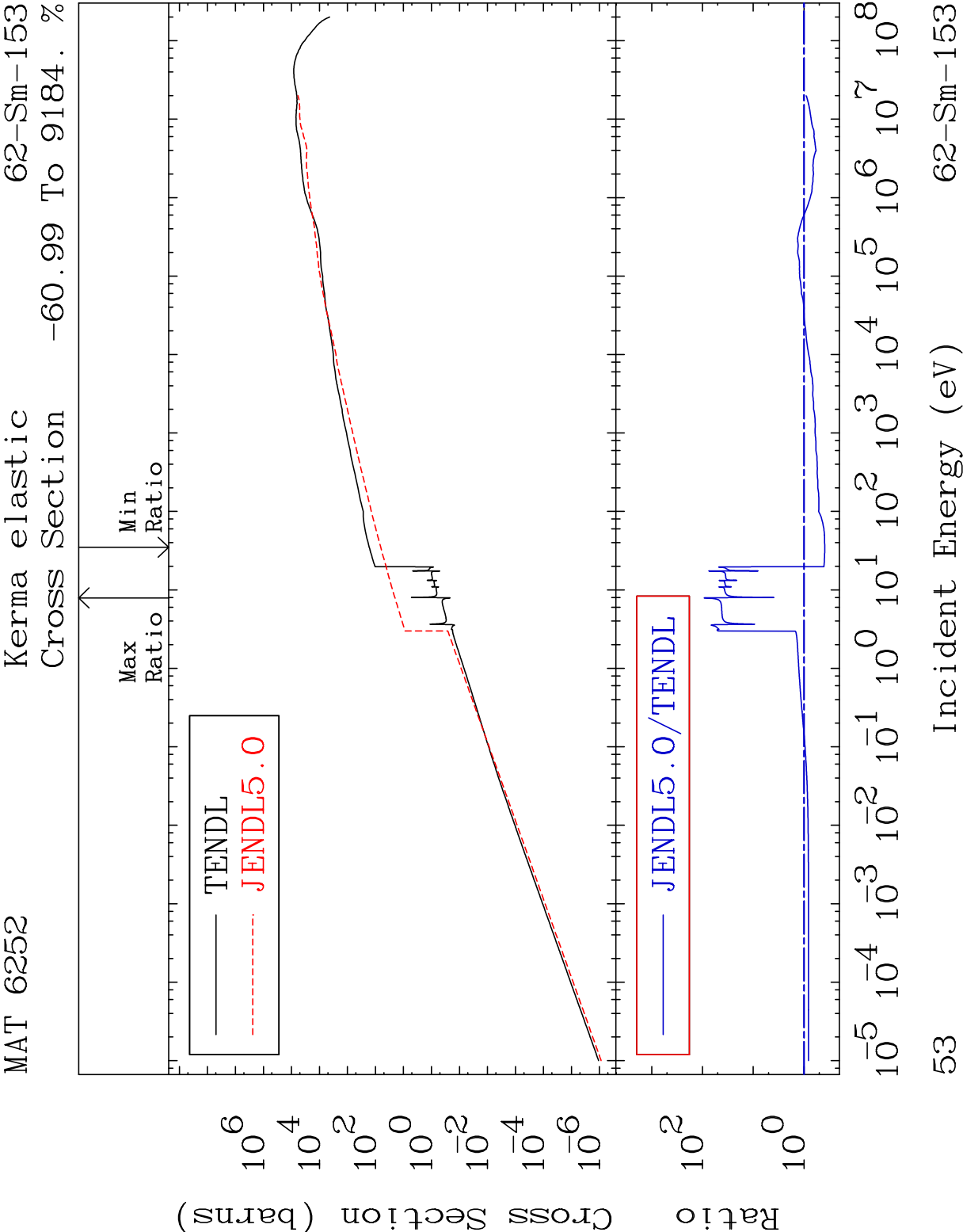




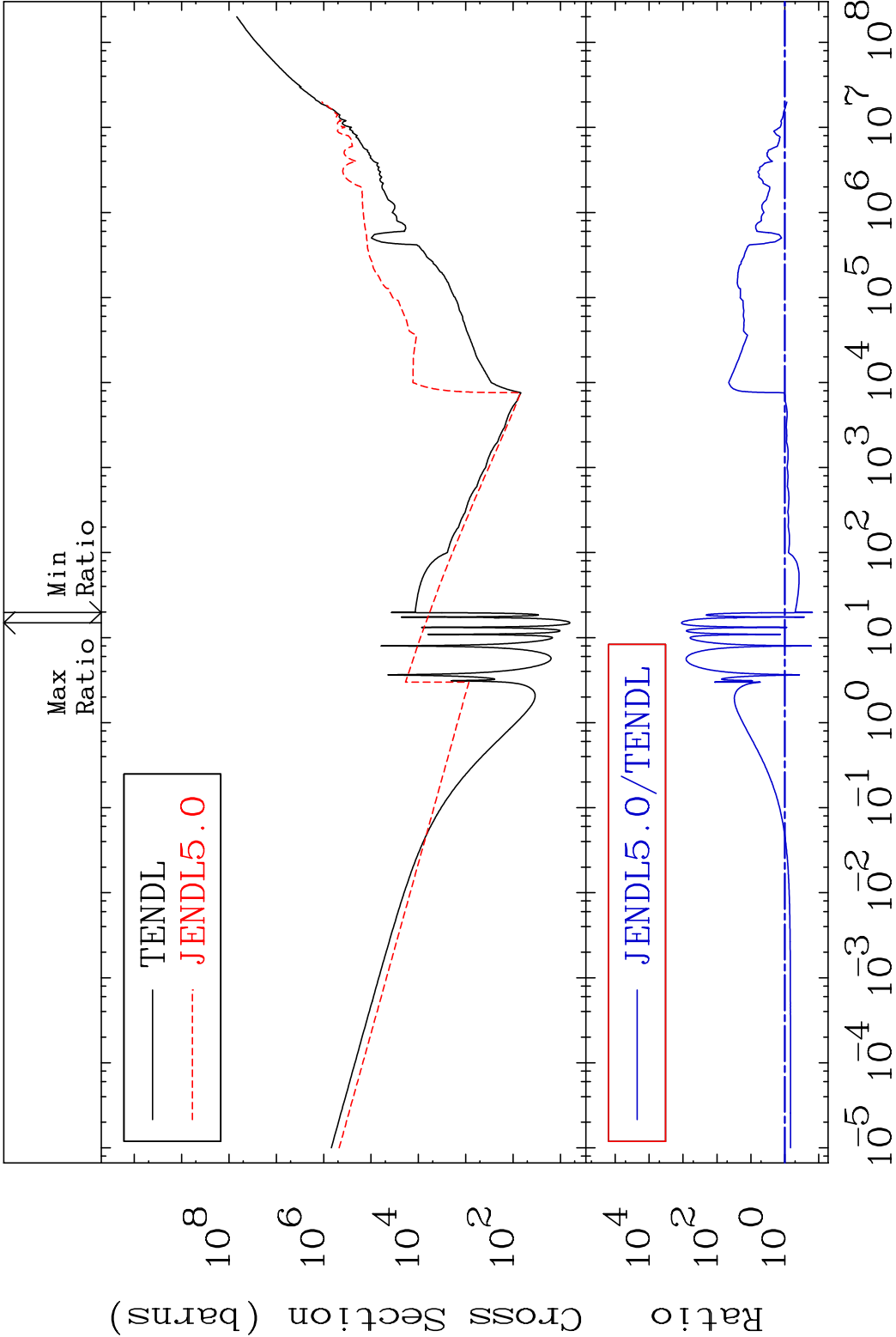


MAT 6252 Kerma total (eV-barns) 62-Sm-153
Cross Section -84.34 To 9999. %

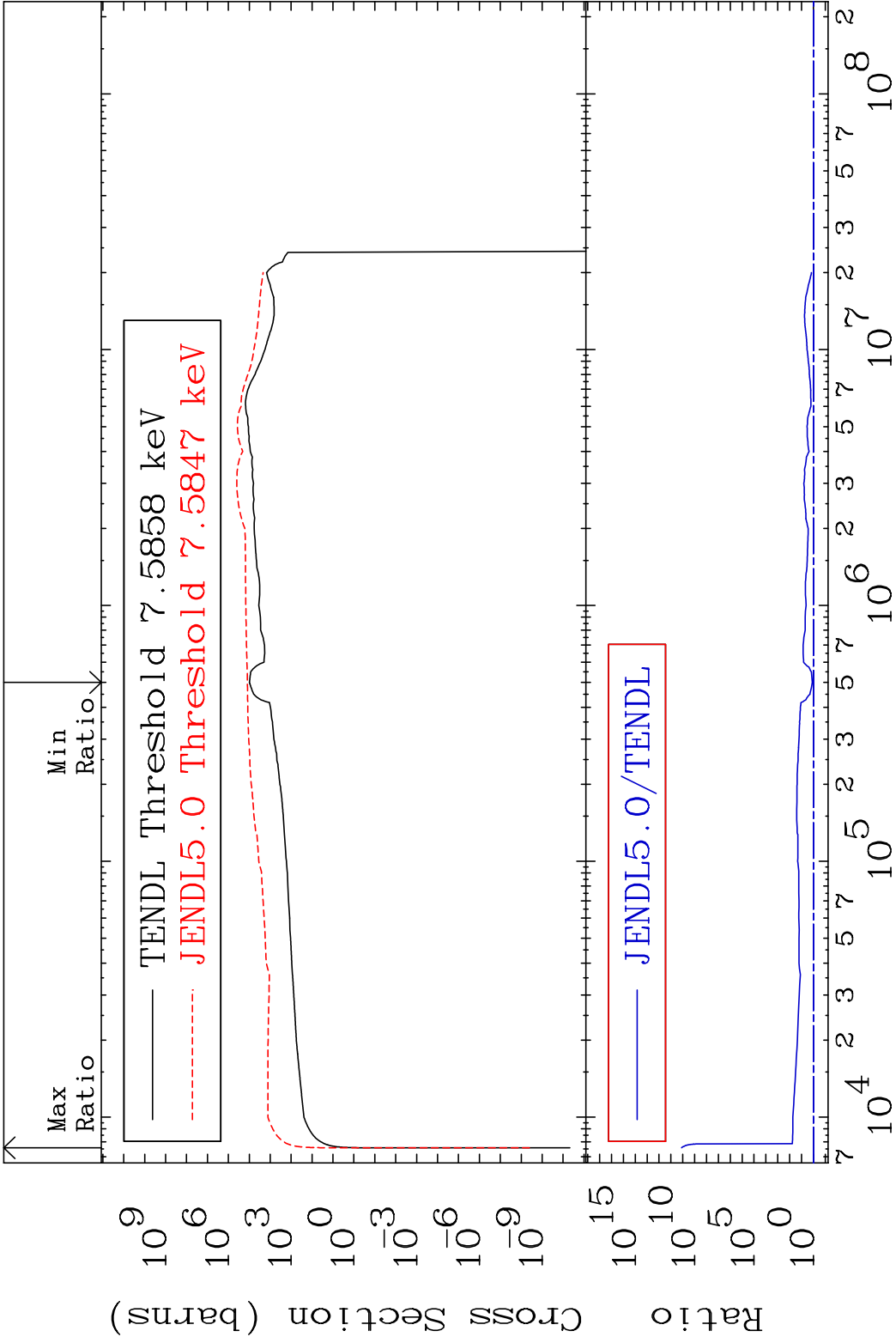




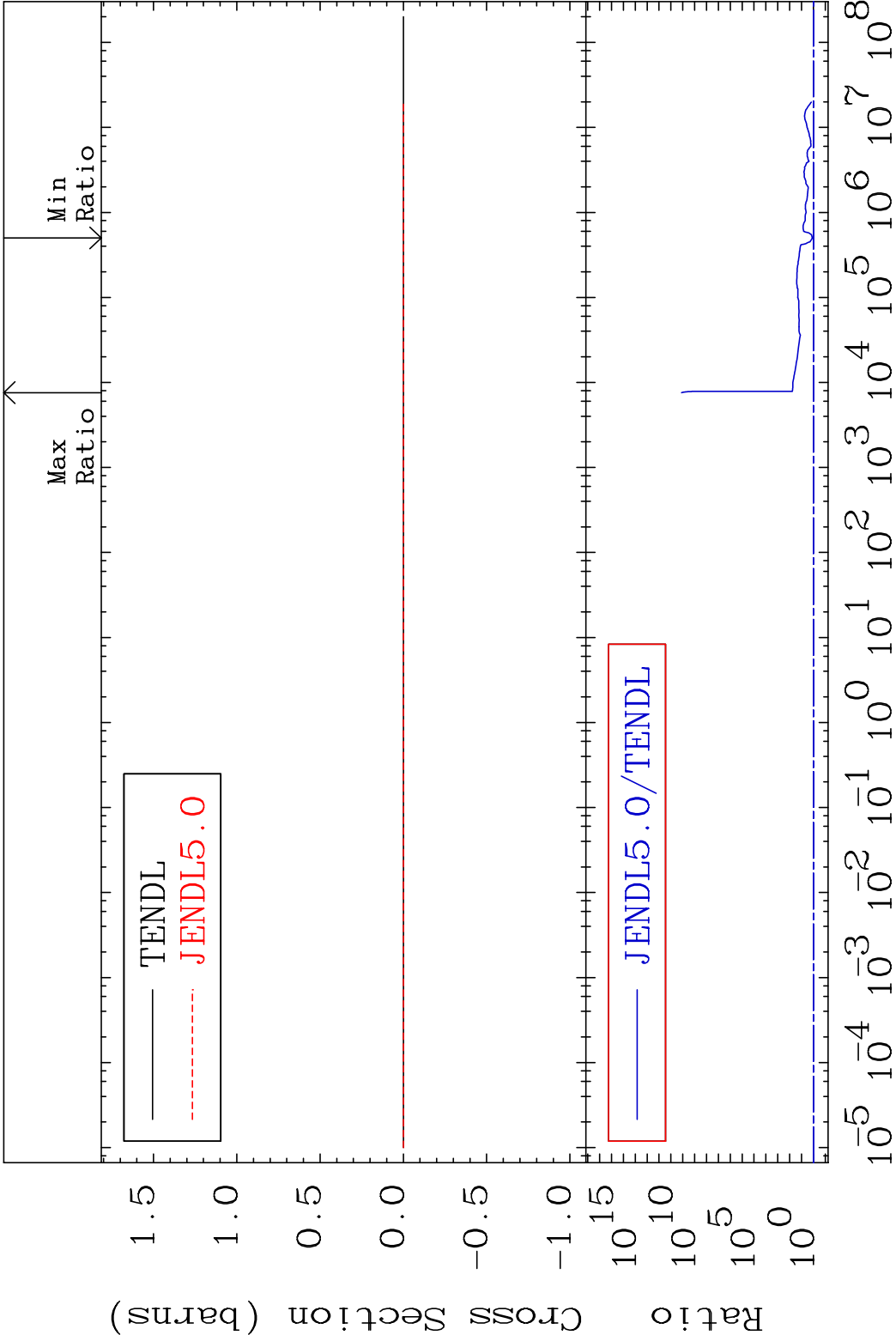
MAT 6252 Kerma non-elastic (all but mt2) 62-Sm-153
Cross Section -84.44 To 9999. %



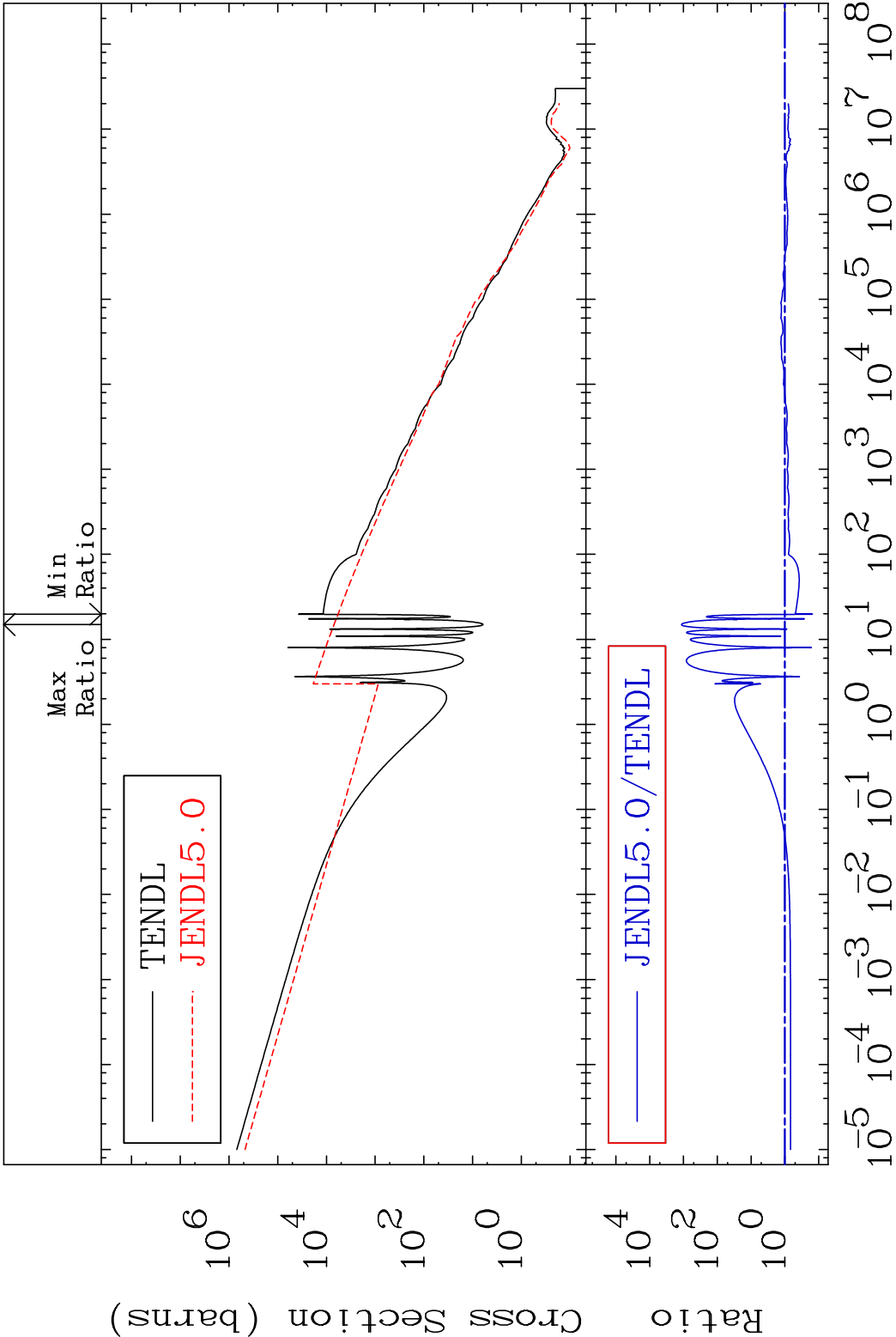
MAT 6252 Kerma inelastic (mt51-91) 62-Sm-153
Cross Section 25.31 To 9999. %



MAT 6252Kerma fission (mt18 or mt19-20-21-38)62-Sm-153
Cross Section 25.31 To 9999. %

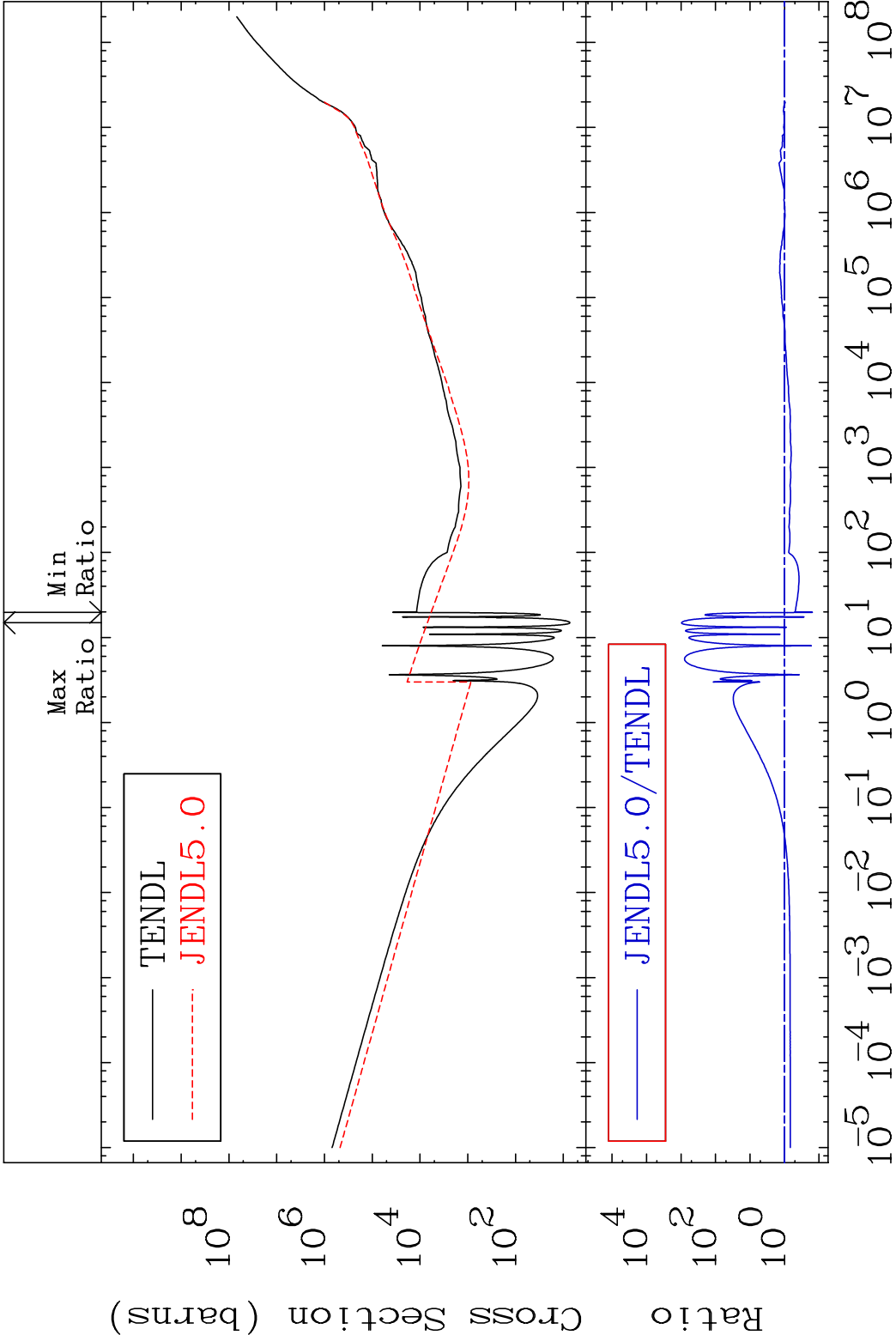


MAT 6252 Kerma capture (mt102) 62-Sm-153
Cross Section -84.45 To 9999. %

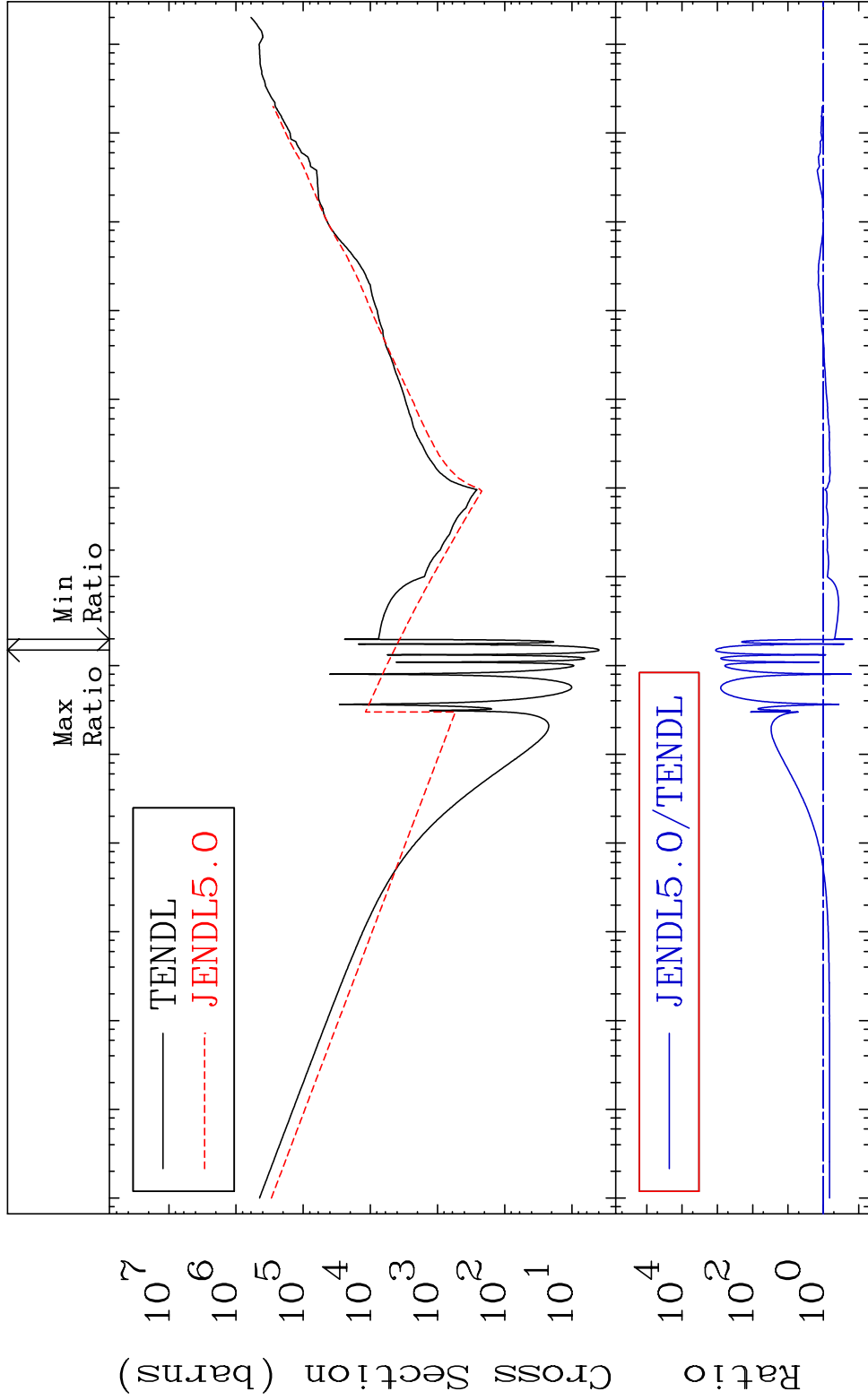


57 Incident Energy (eV) 62-Sm-153

MAT 6252 Total kinematic kerma (high limit) 62-Sm-153
Cross Section -84.34 To 9999. %

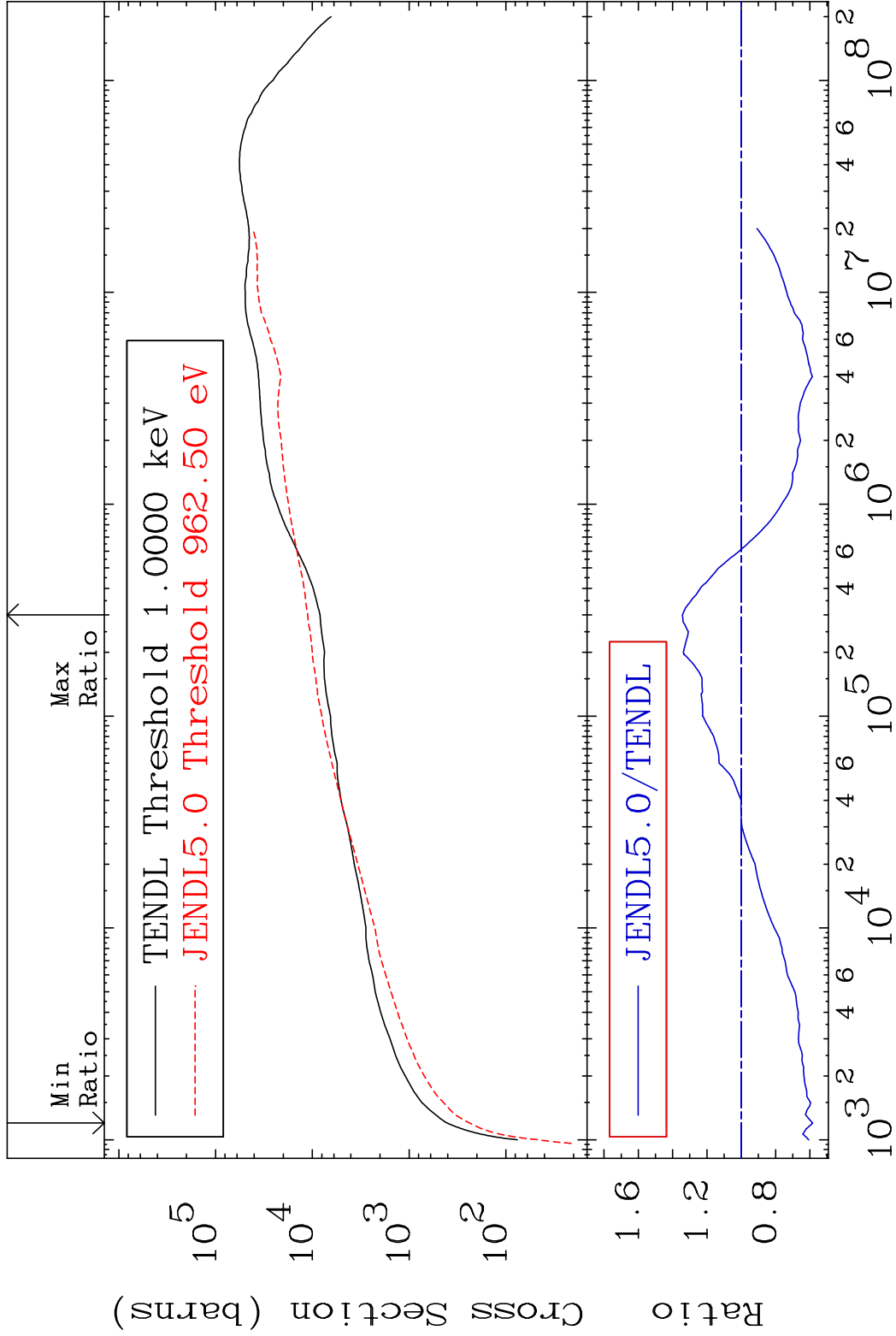


MAT 6252 Dpa total (eV-barns) 62-Sm-153
Cross Section -84.79 To 9999. %



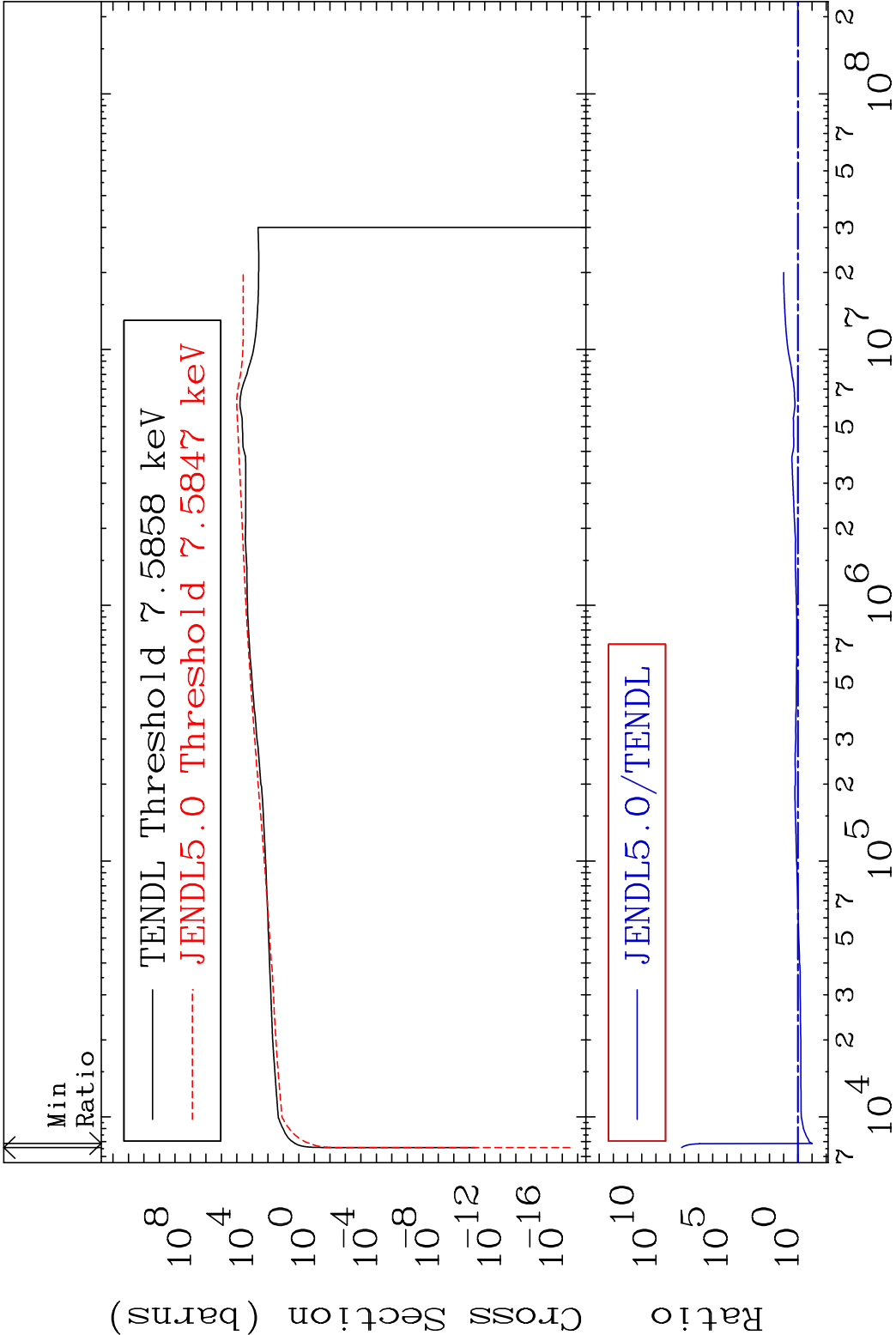
60 Incident Energy (eV) 62-Sm-153

MAT 6252 Dpa elastic (mt2) 62-Sm-153
Cross Section -41.56 To 34.34 %



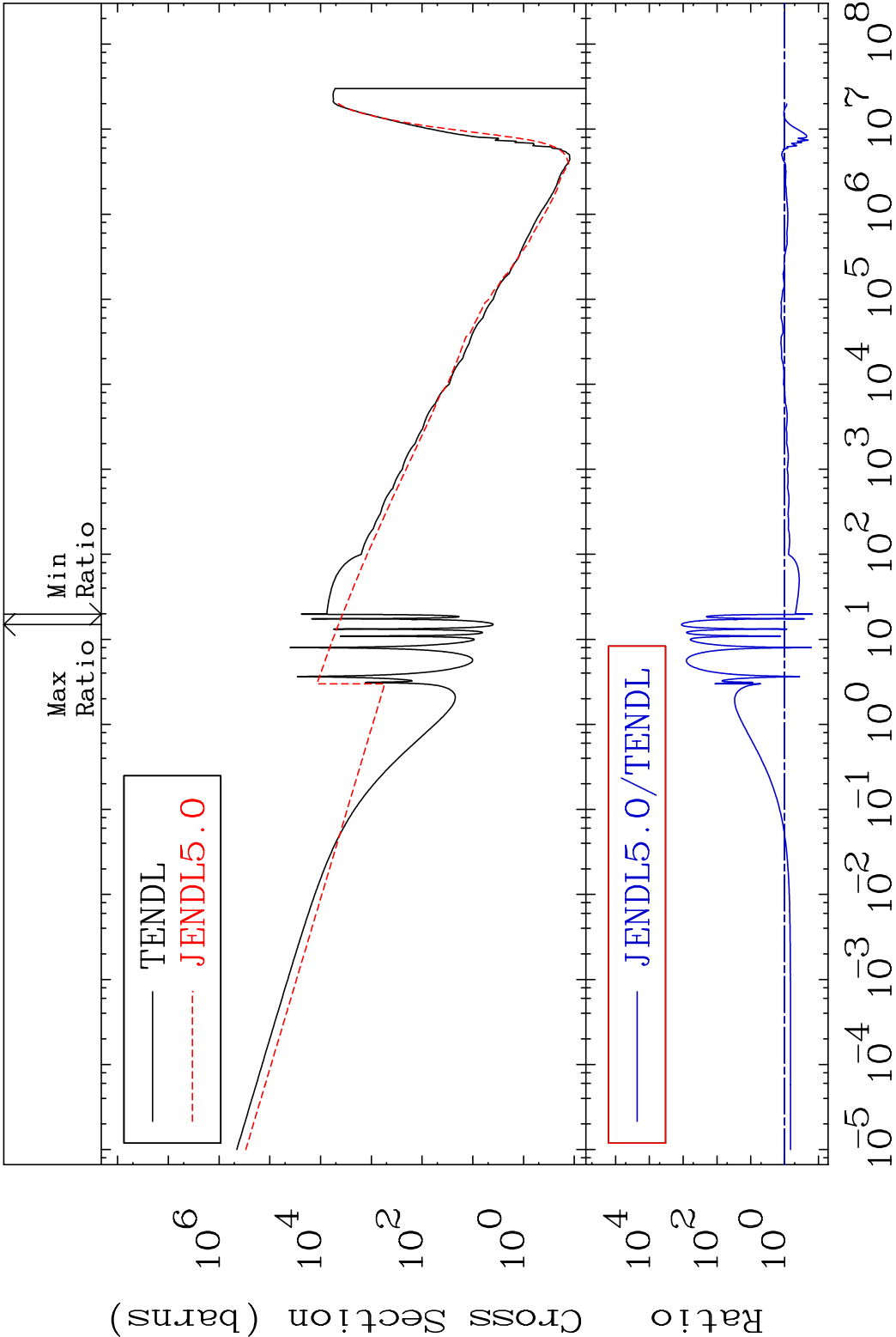
61 Incident Energy (eV) 62-Sm-153

MAT 6252 Dpa inelastic (mt51-91) 62-Sm-153
Cross Section -90.40 To 9999. %



62 Incident Energy (eV) 62-Sm-153

MAT 6252 Dpa disappearance (mt102 -120) 62-Sm-153
Cross Section -84.79 To 9999. %



63 Incident Energy (eV) 62-Sm-153