

Program Complot
(Version 2021-1)

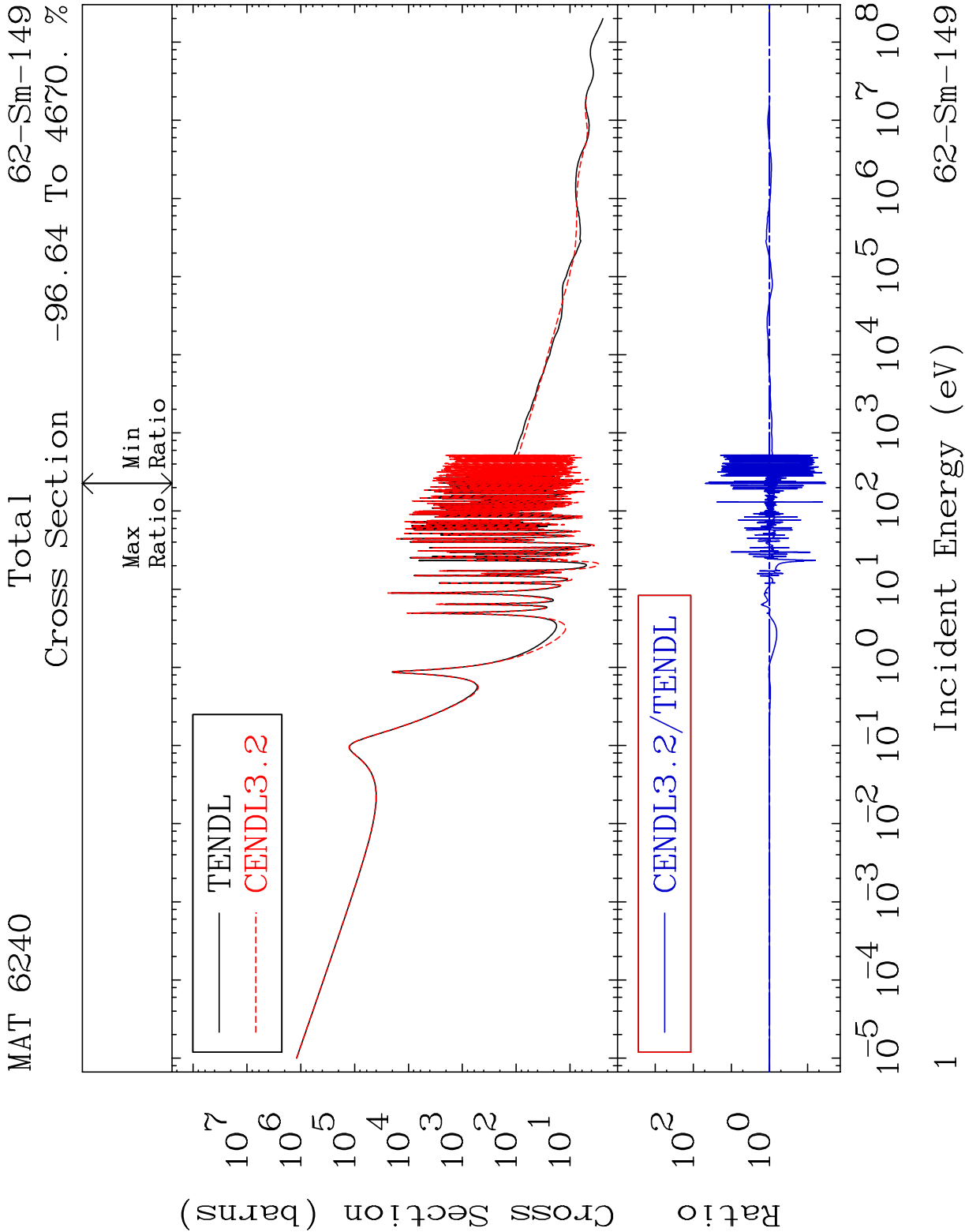
by

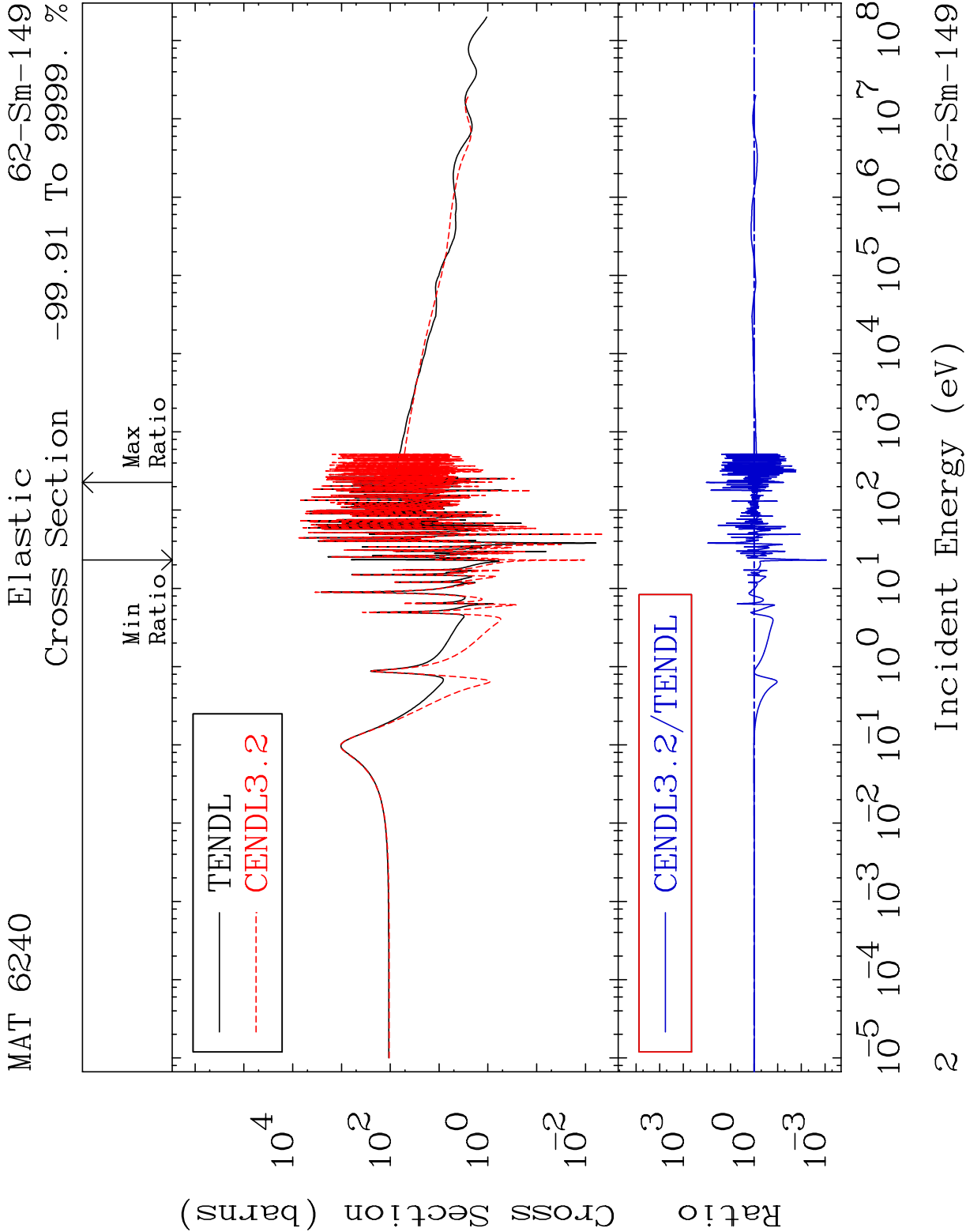
Dermott E. Cullen
(Present Contact Information)

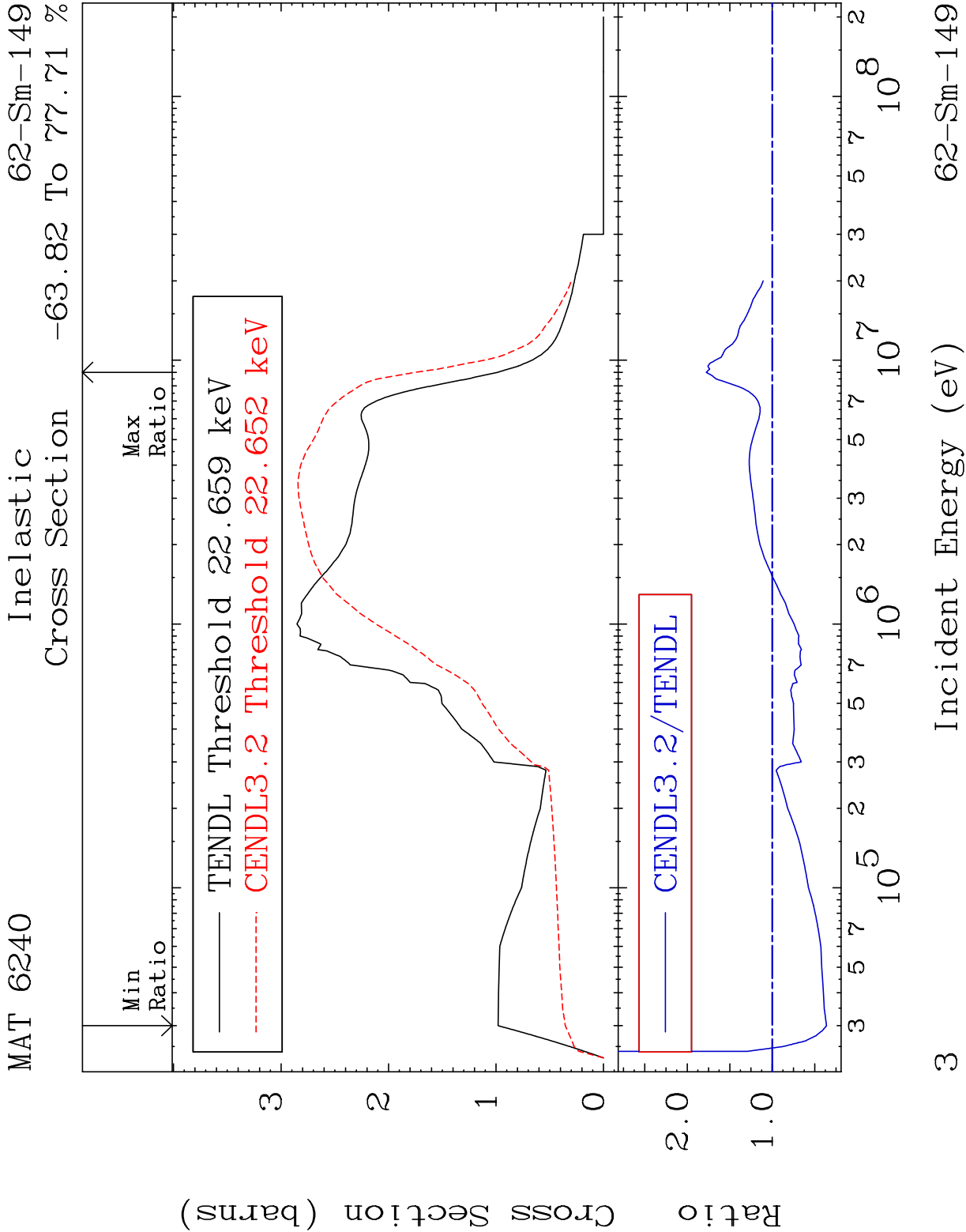
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

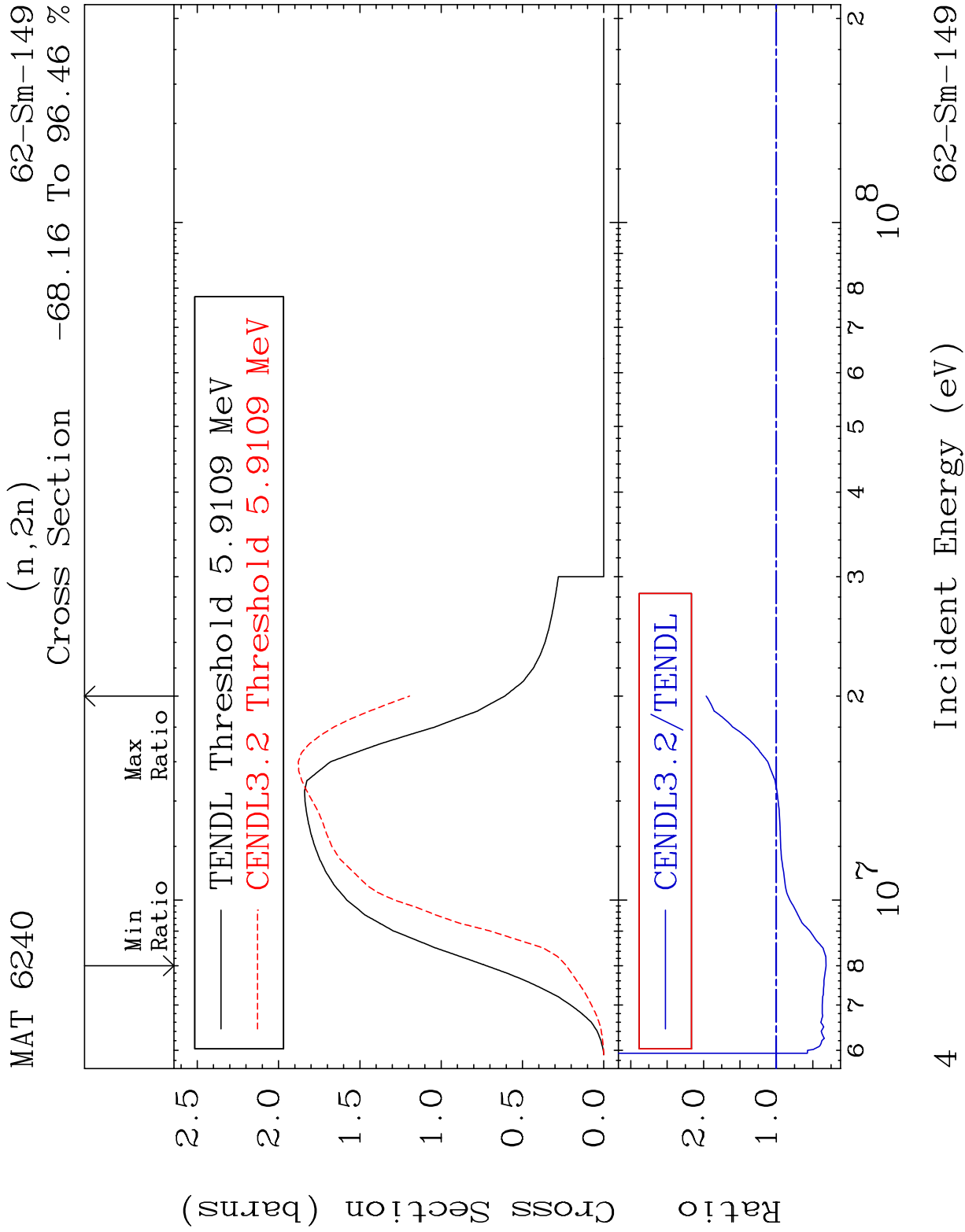
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

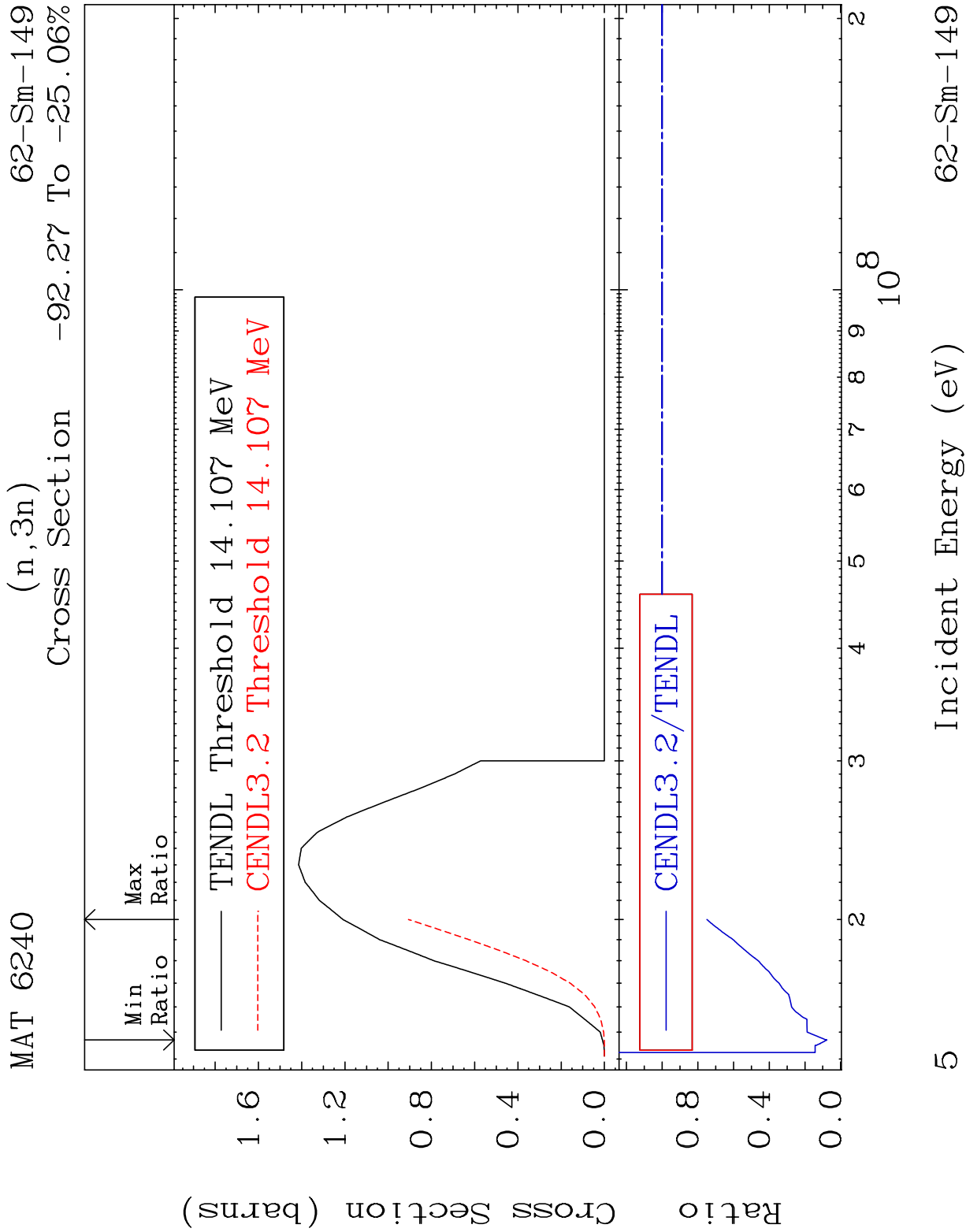
Press Mouse Button to Start

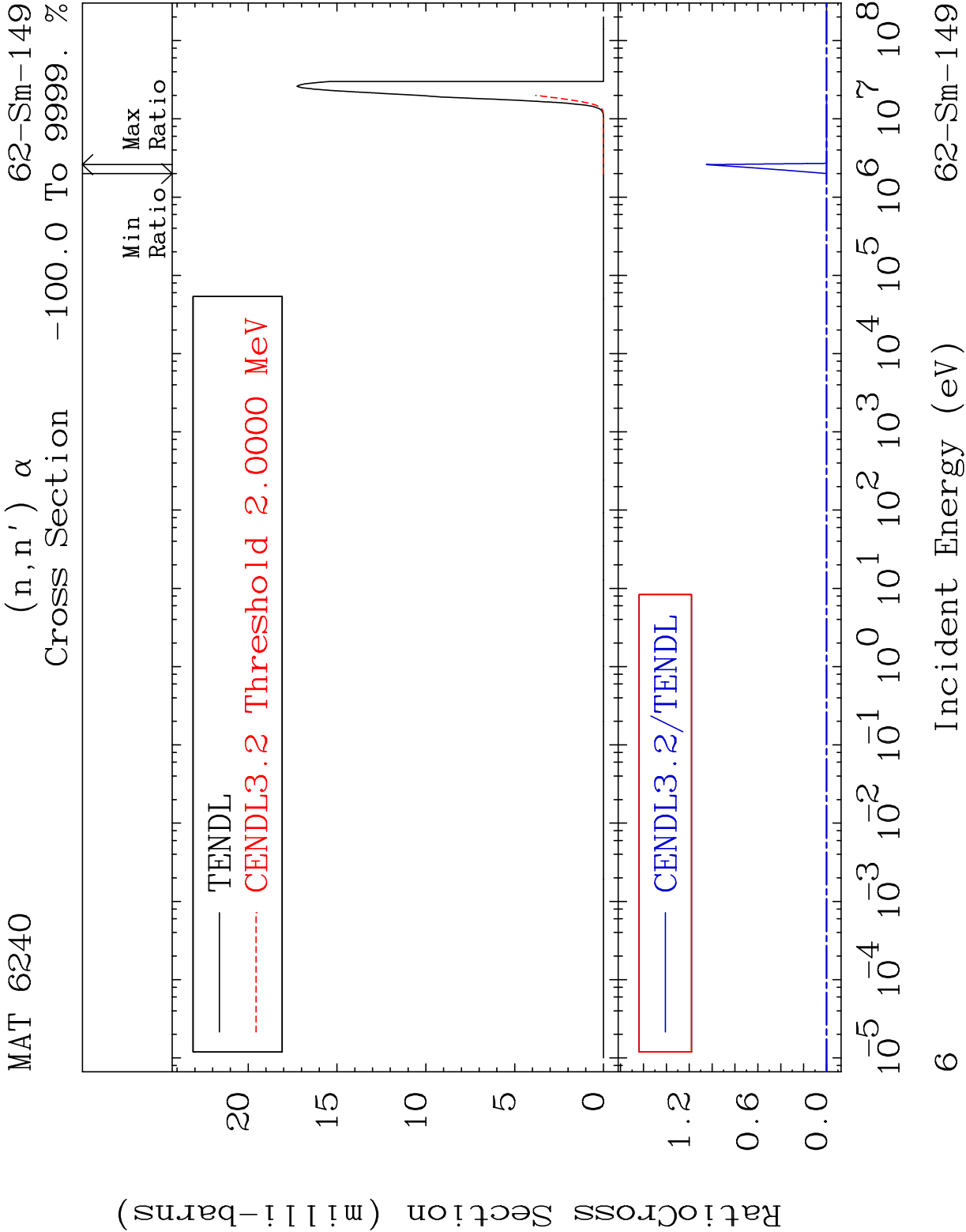


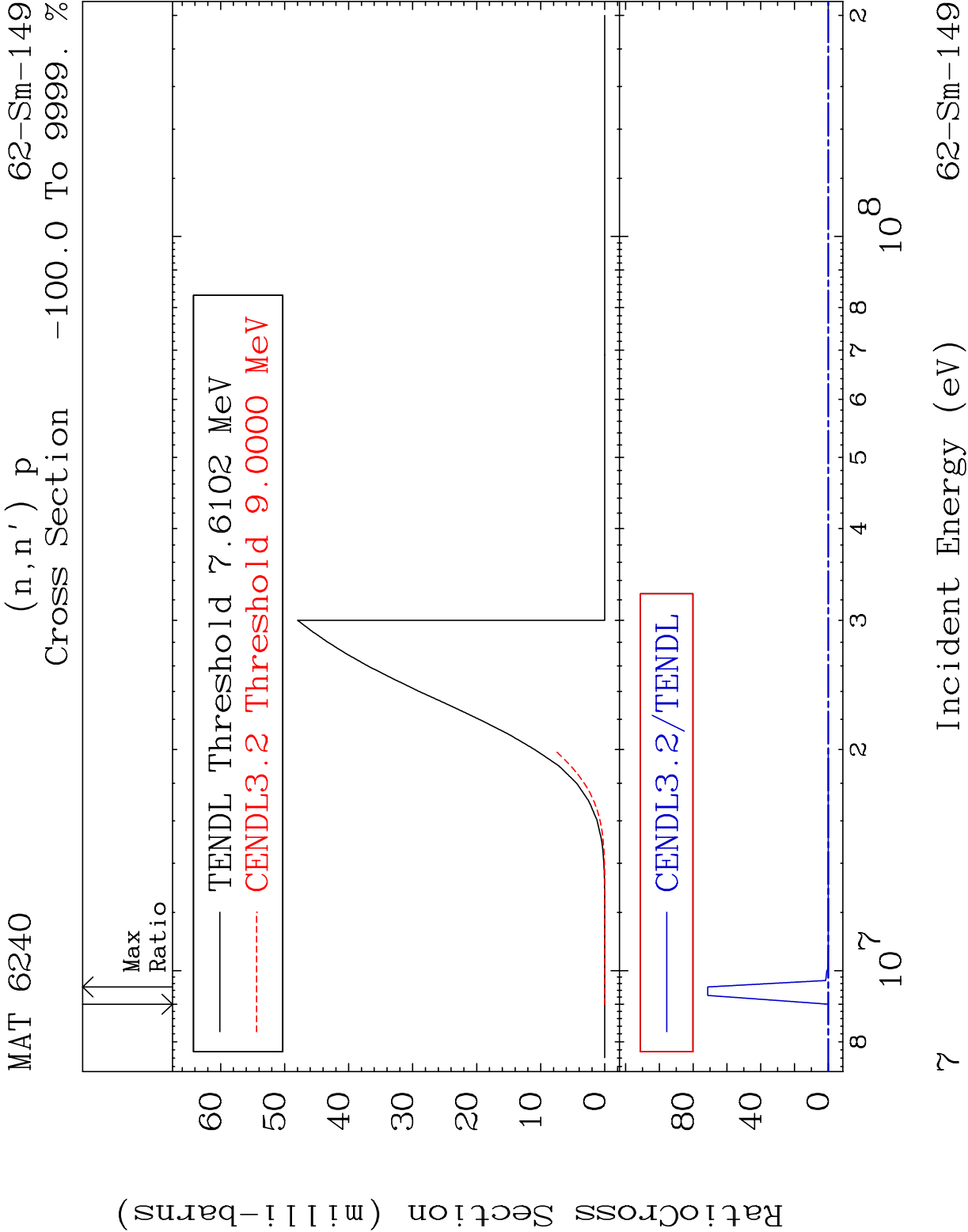




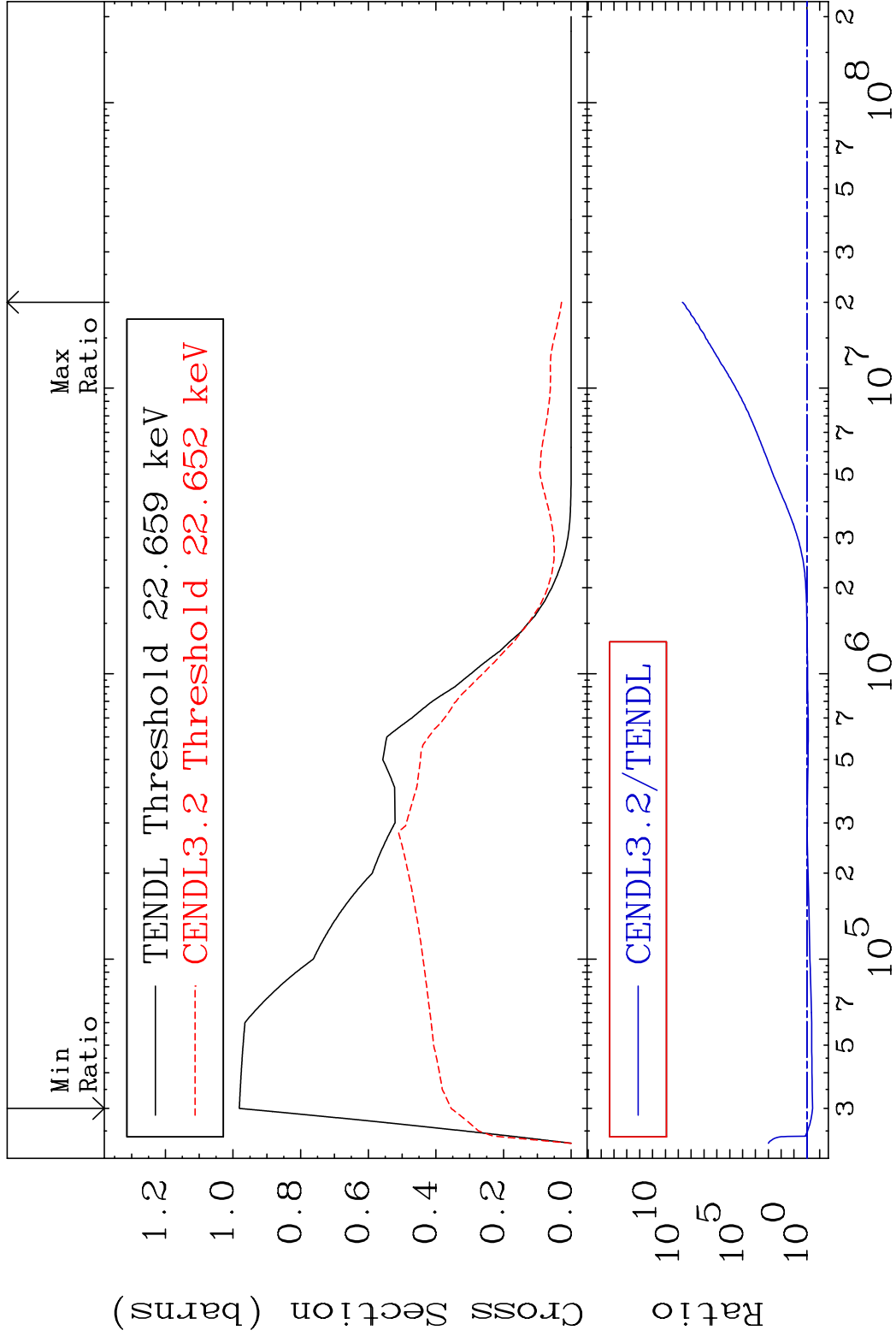


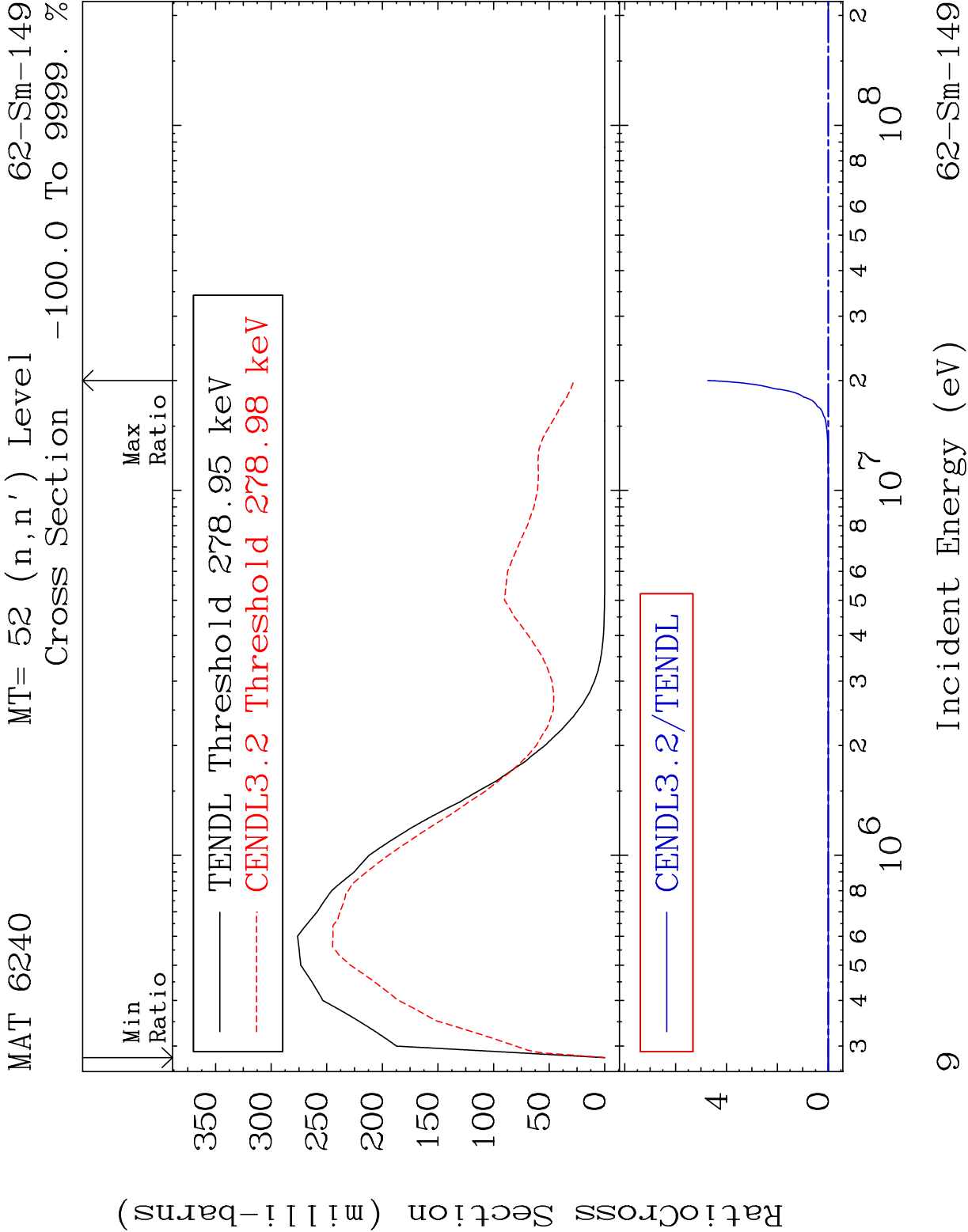




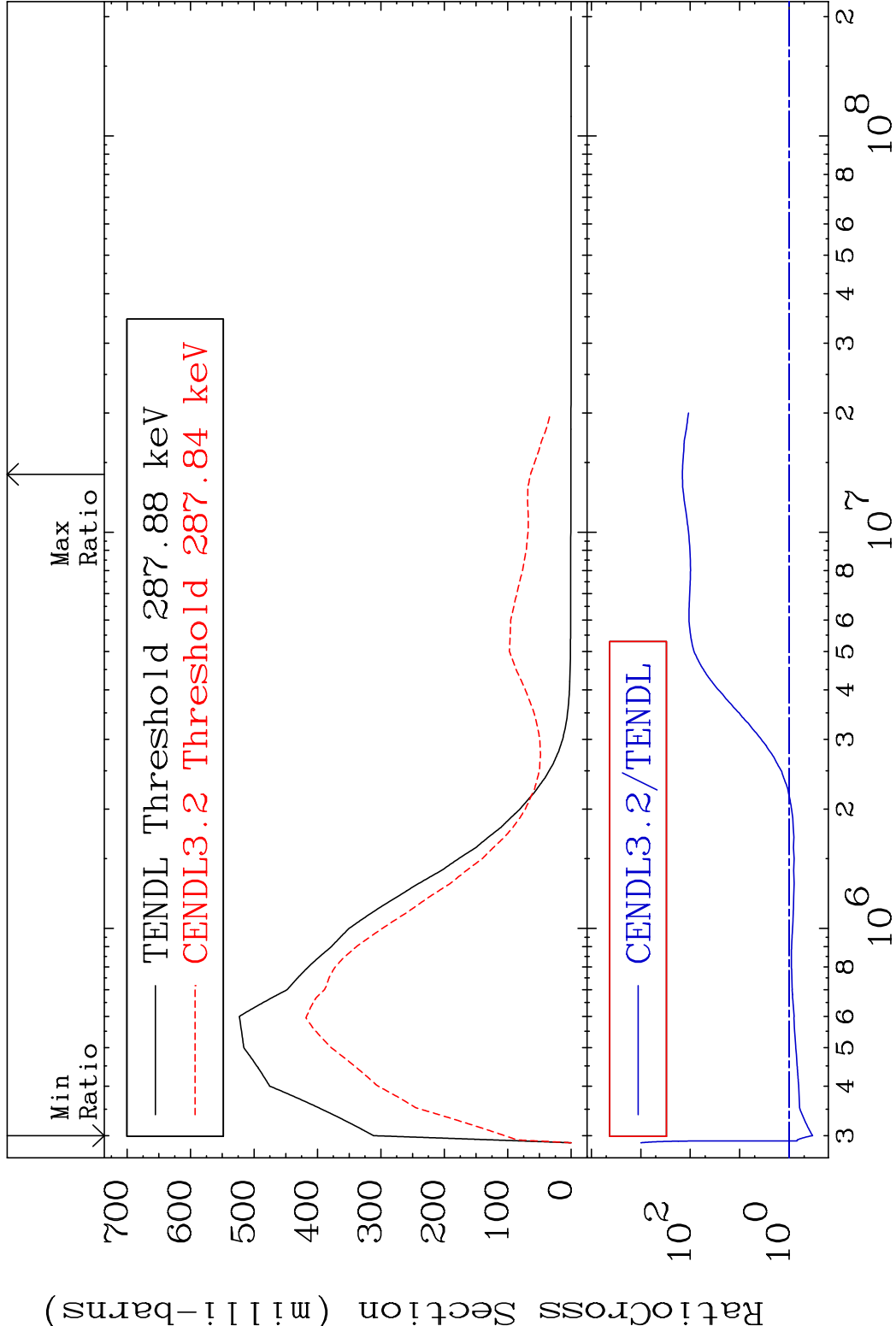


MAT 6240 MT= 51 (n,n') Level 62-Sm-149
Cross Section -63.82 To 9999. %

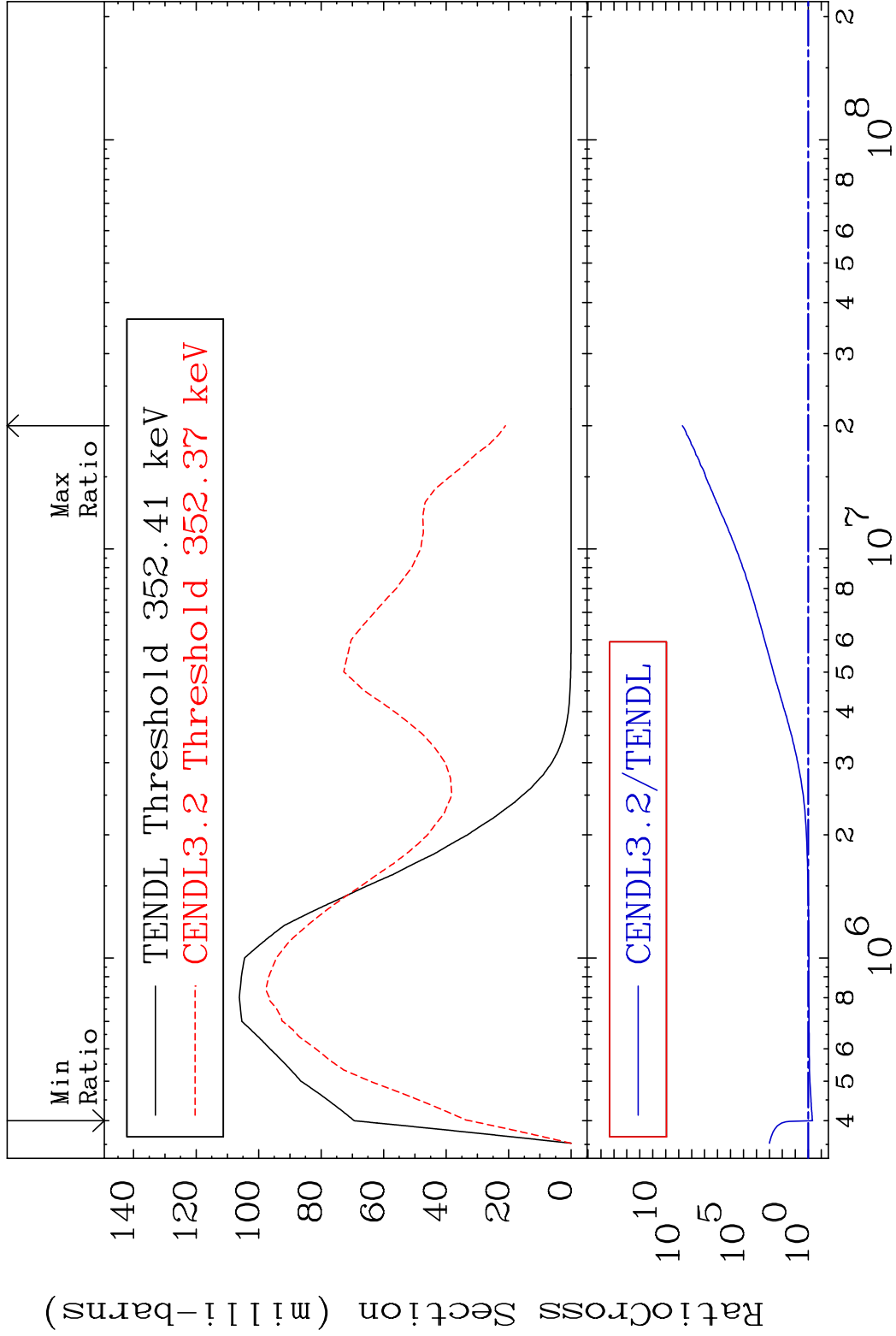


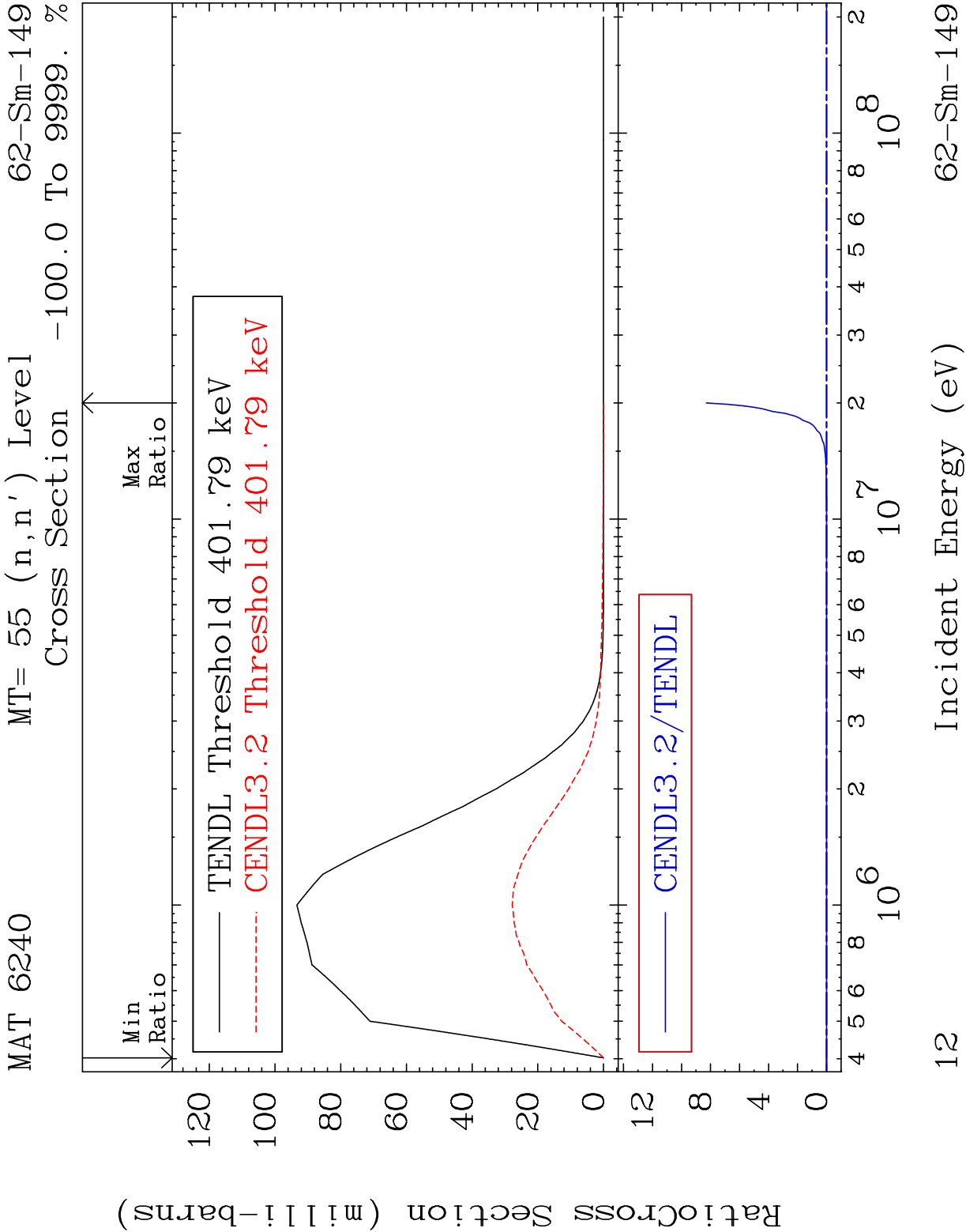


MAT 6240 MT= 53 (n,n') Level 62-Sm-149
Cross Section -66.34 To 9999. %

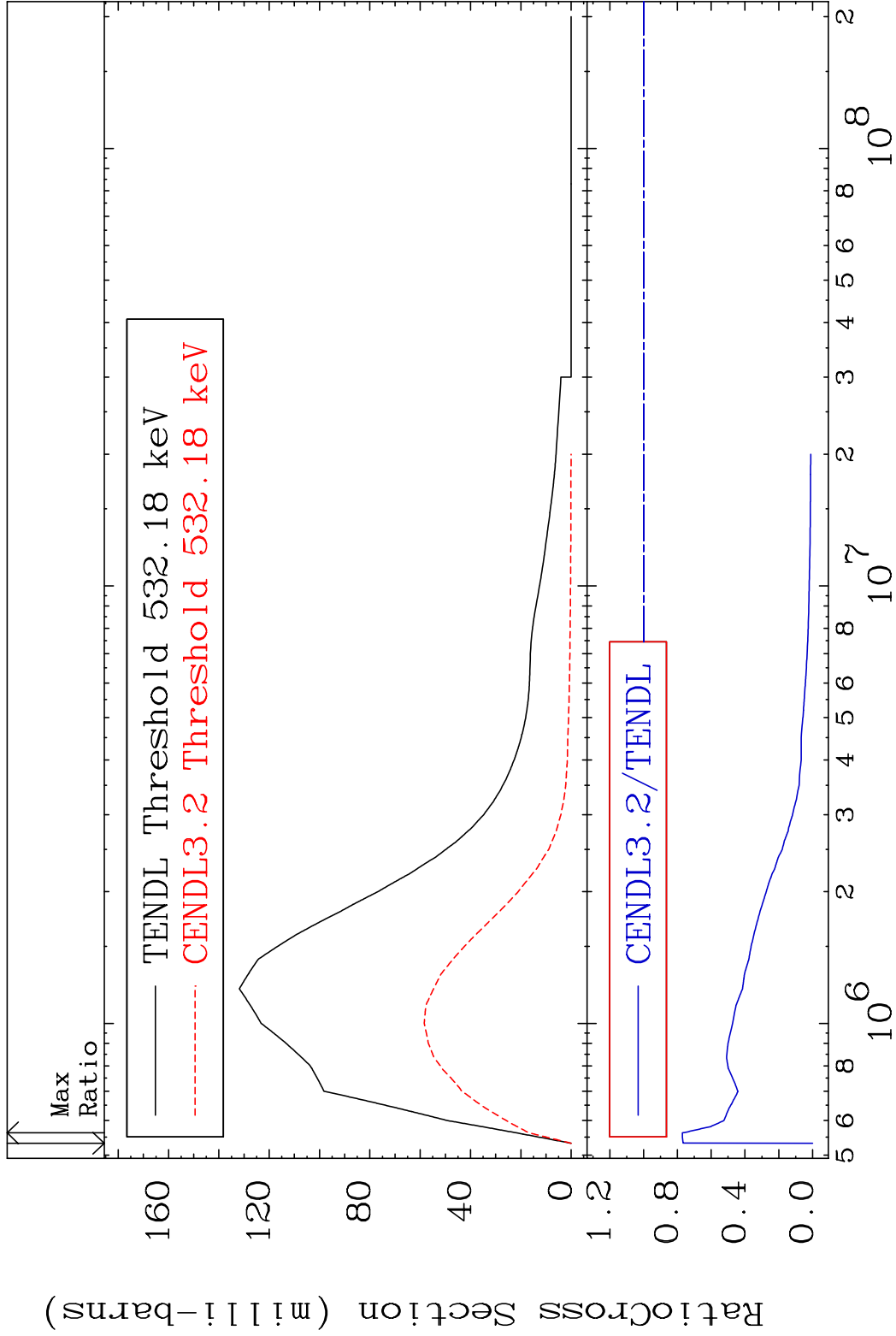


10 Incident Energy (eV) 62-Sm-149

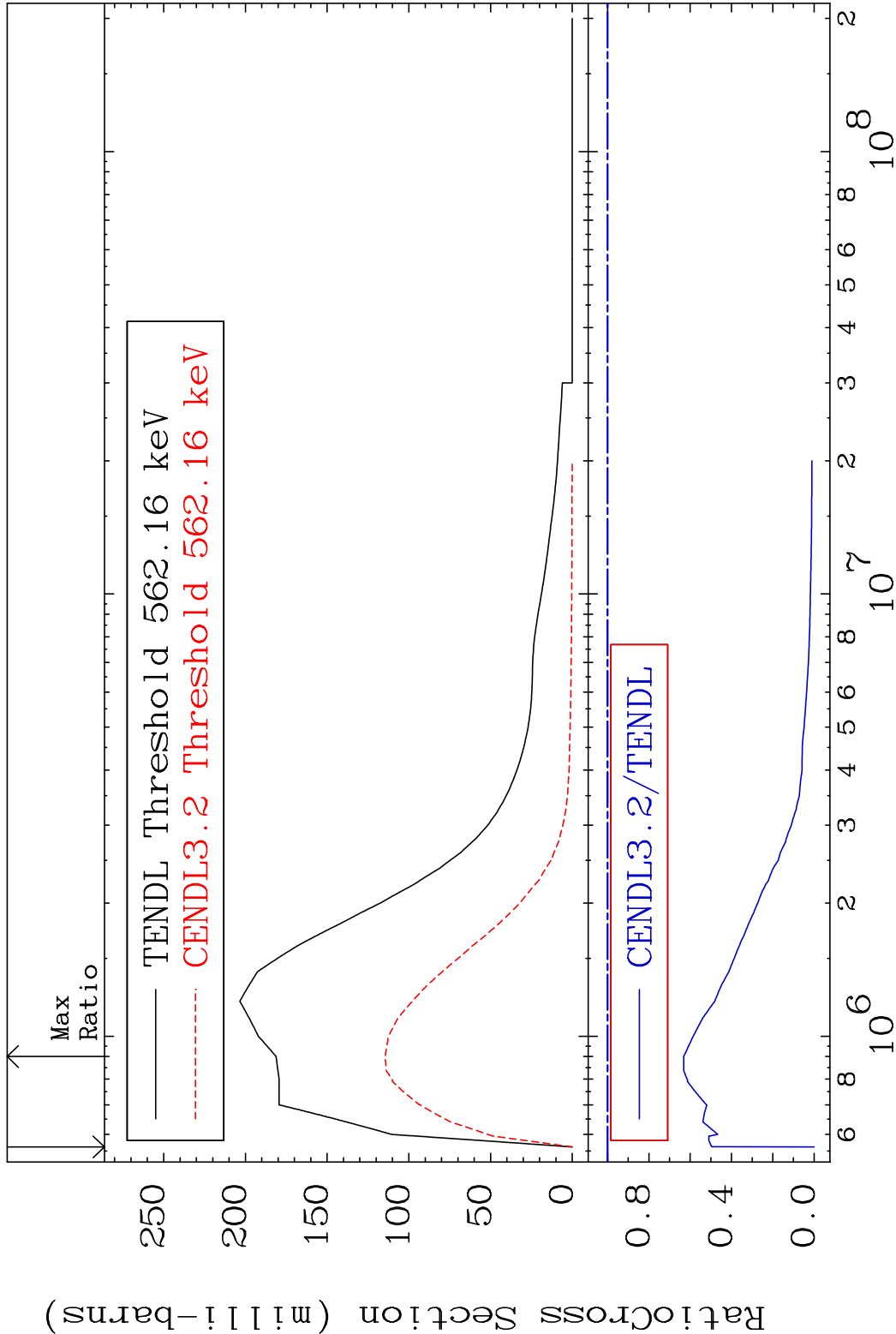




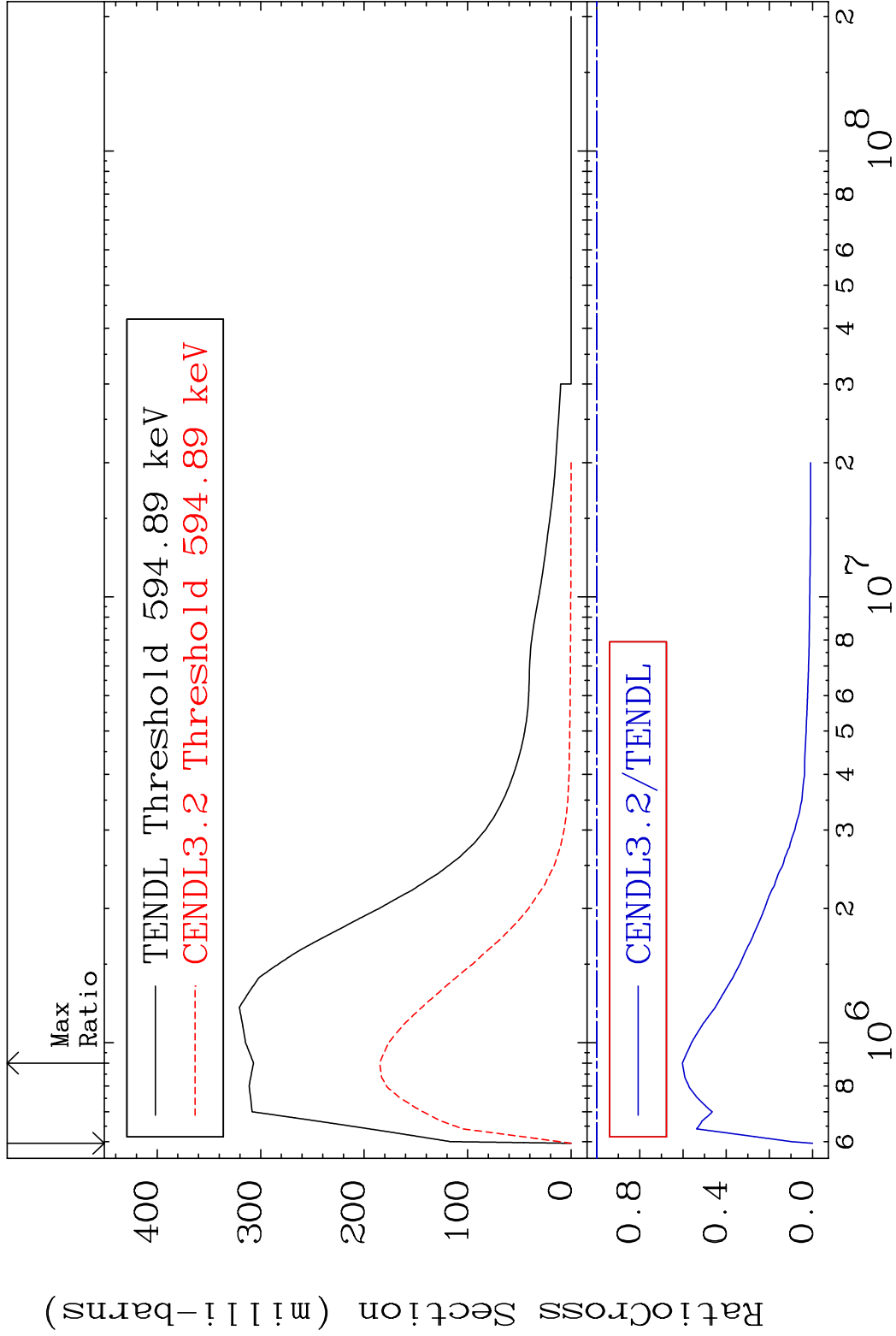
MAT 6240 MT= 56 (n,n') Level 62-Sm-149
Cross Section -100.0 To -22.93%



MAT 6240 MT= 57 (n,n') Level 62-Sm-149
Cross Section -100.0 To -36.84%

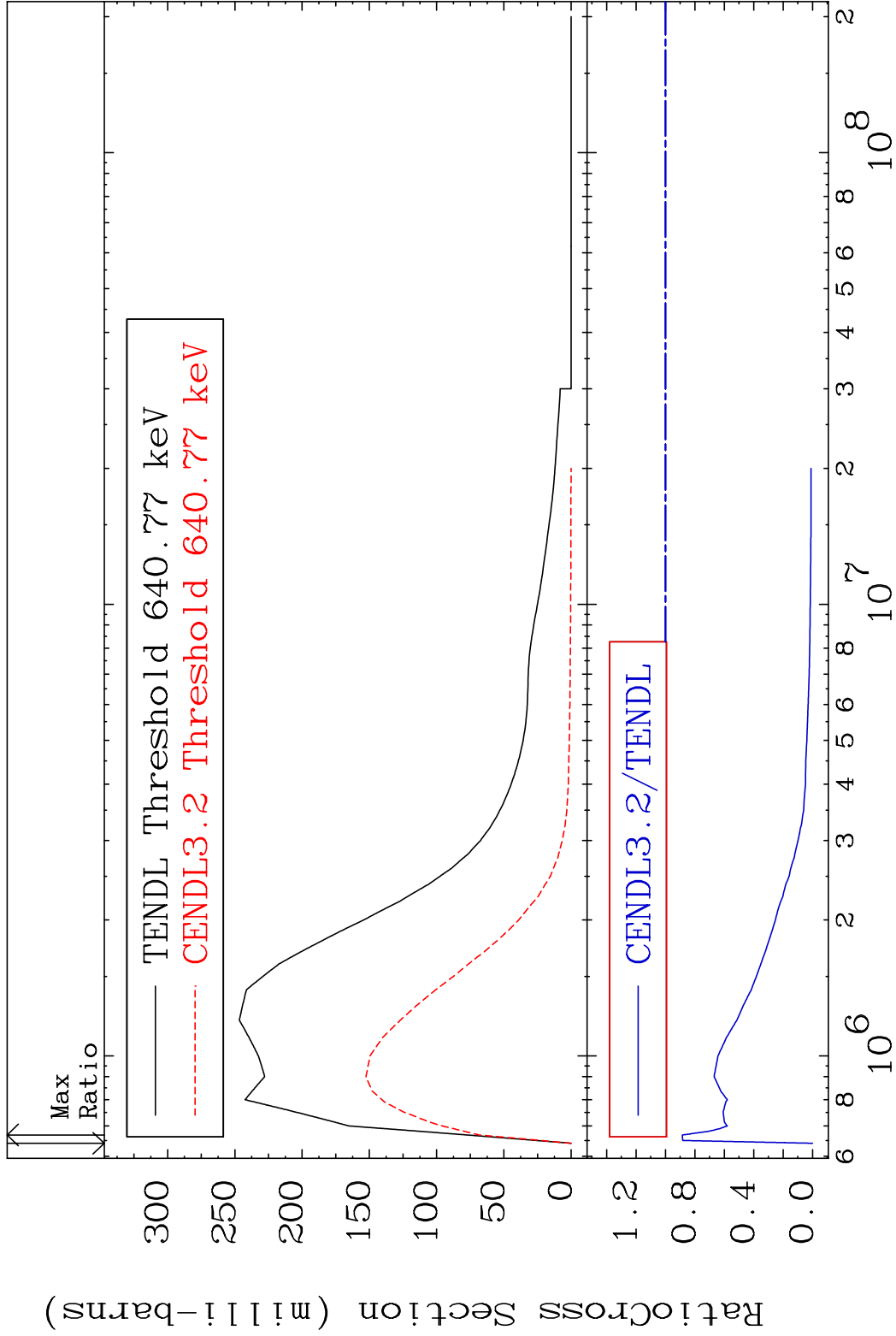


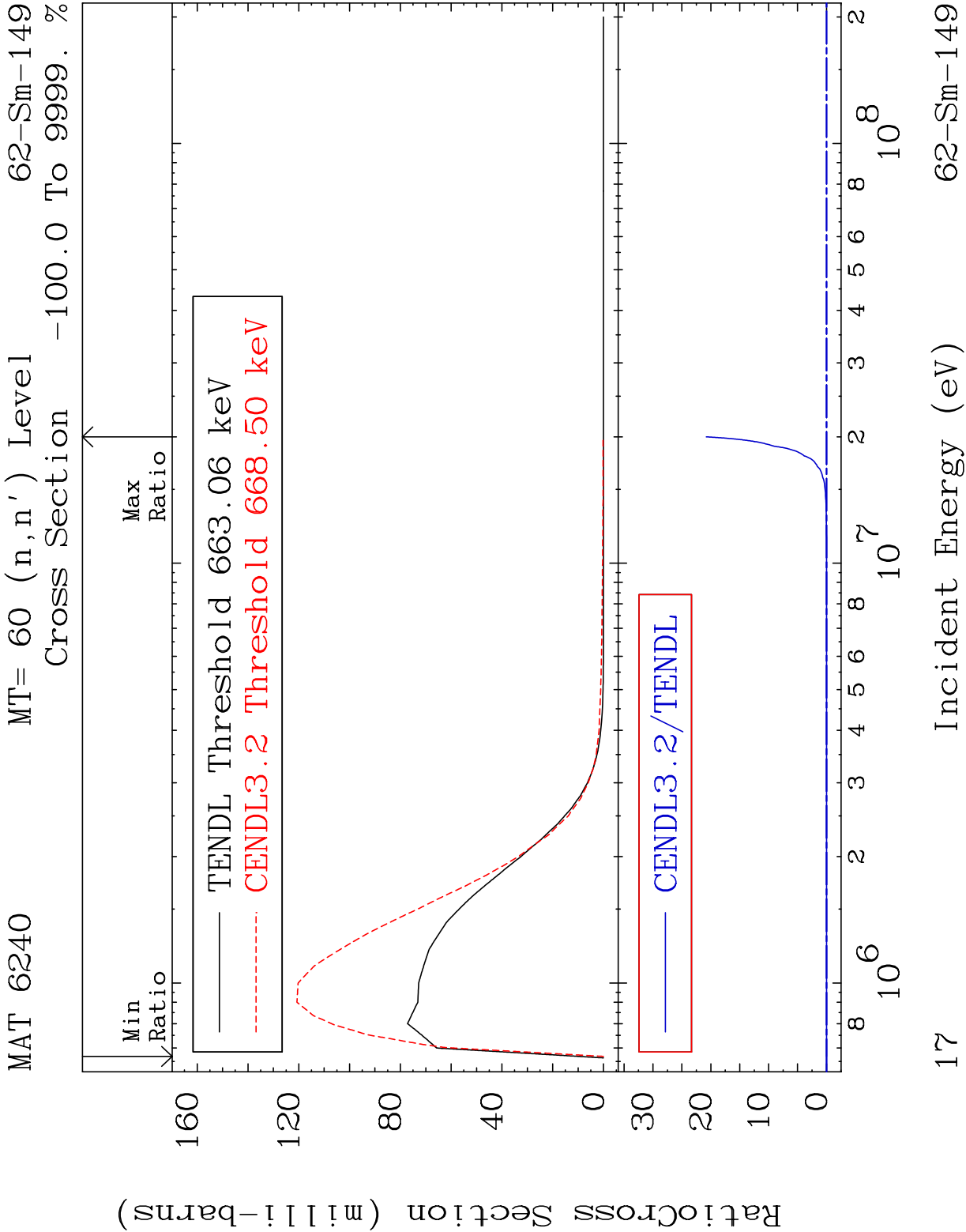
MAT 6240 MT= 58 (n,n') Level 62-Sm-149
Cross Section -100.0 To -39.70%



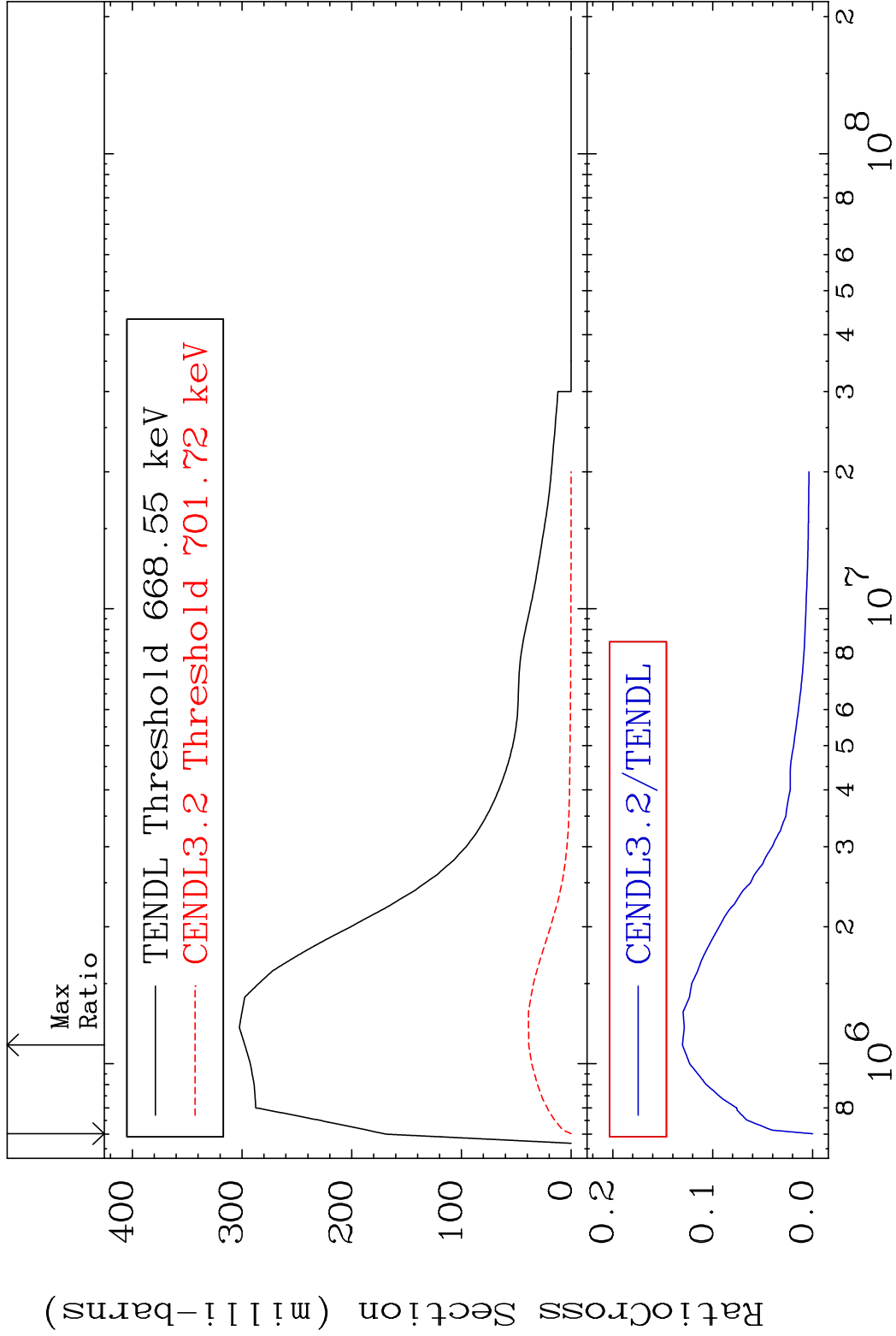
15 Incident Energy (eV) 62-Sm-149

MAT 6240 MT= 59 (n,n') Level 62-Sm-149
Cross Section -100.0 To -11.49%

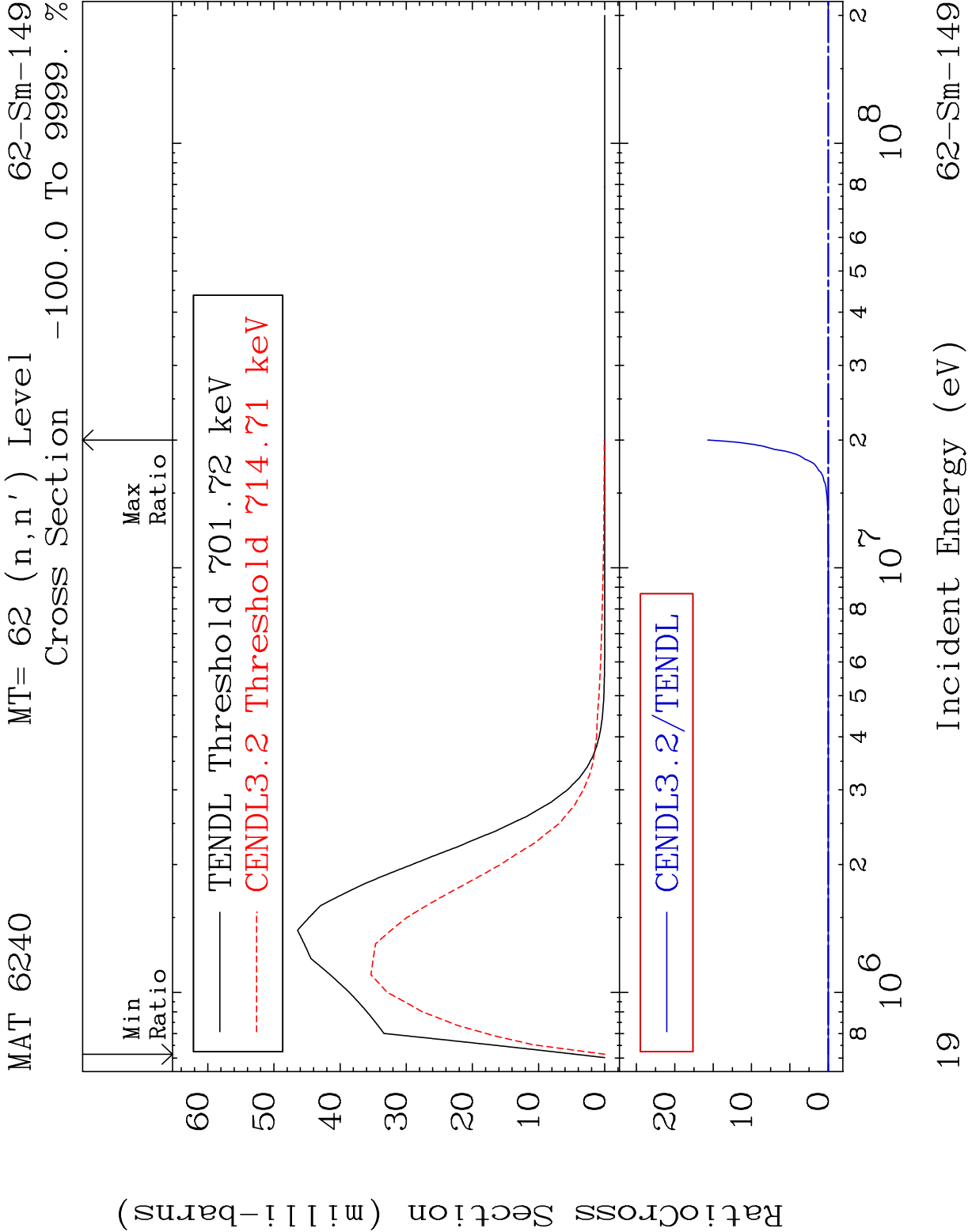


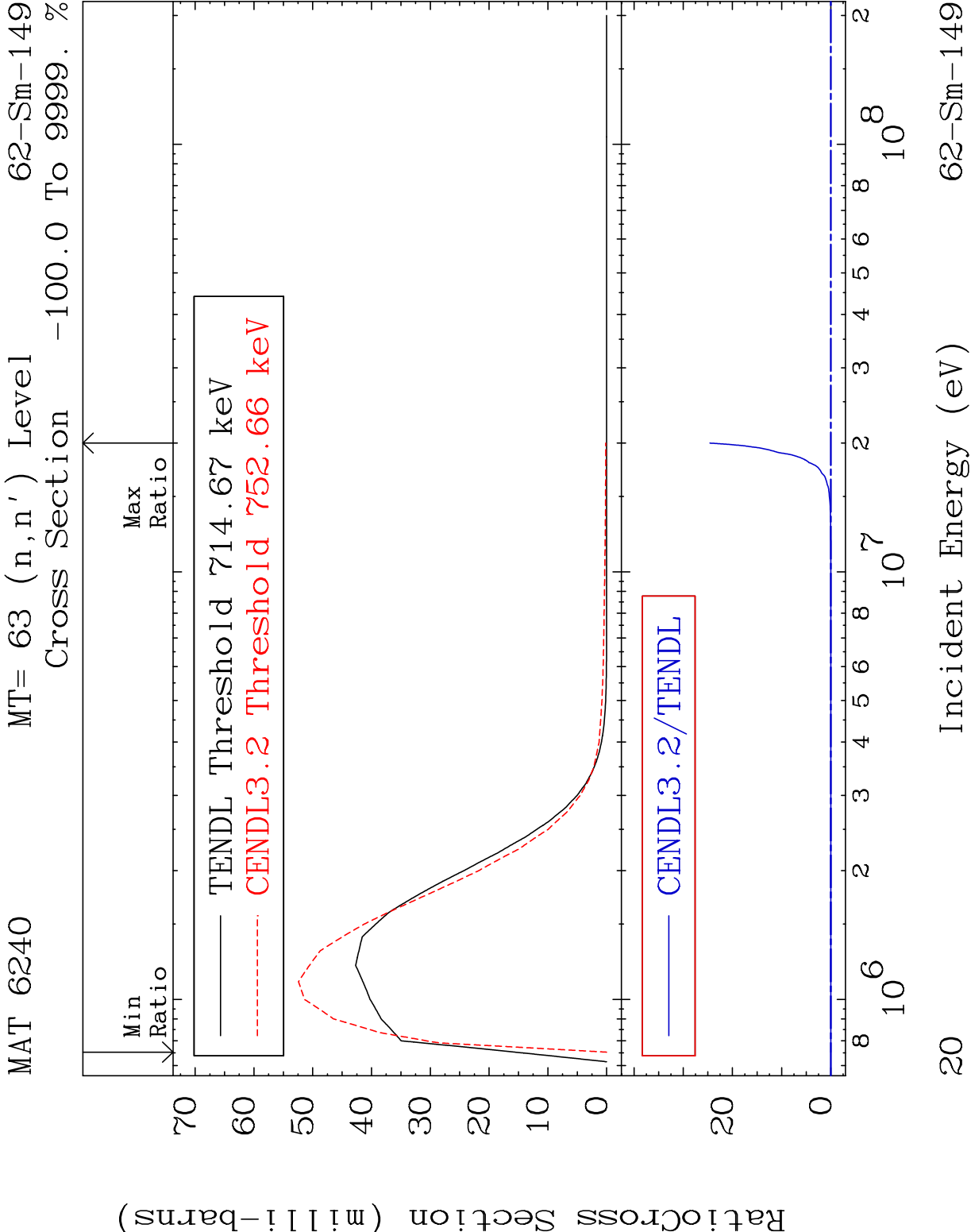


MAT 6240 MT= 61 (n,n') Level 62-Sm-149
Cross Section -100.0 To -86.97%



18 Incident Energy (eV) 62-Sm-149





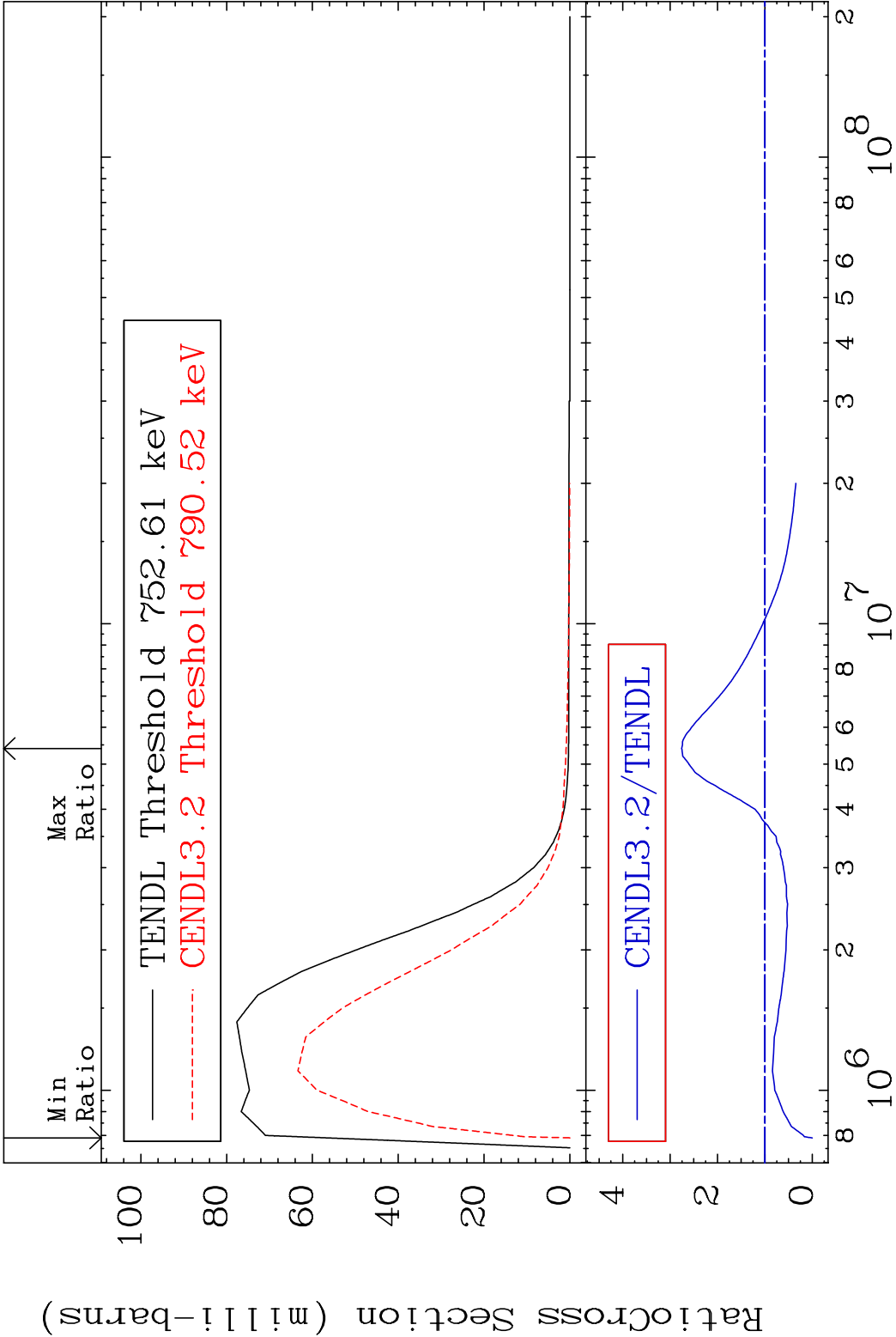
MAT 6240

MT= 64 (n,n') Level

62-Sm-149

Cross Section

-100.0 To 175.9 %

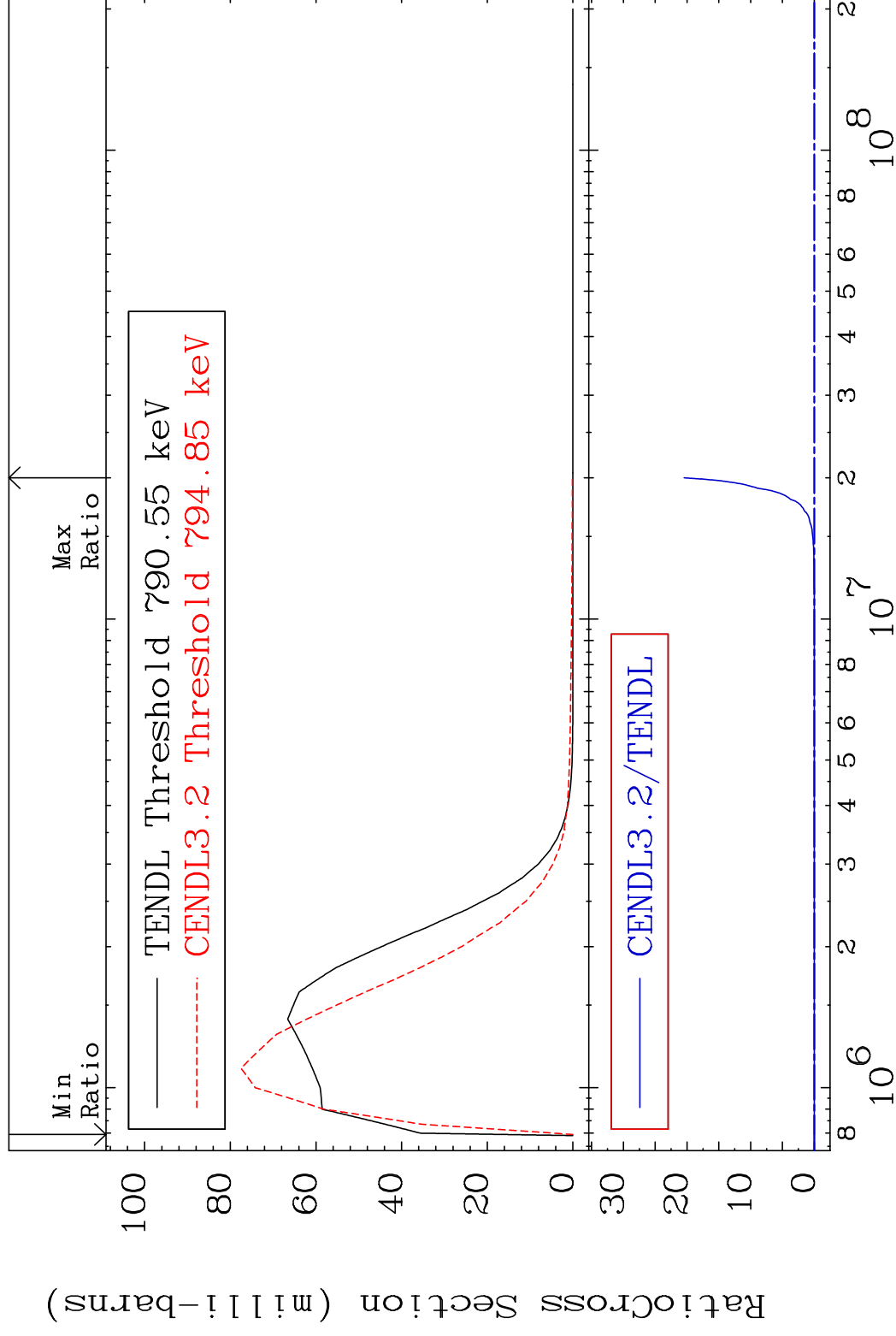


MAT 6240

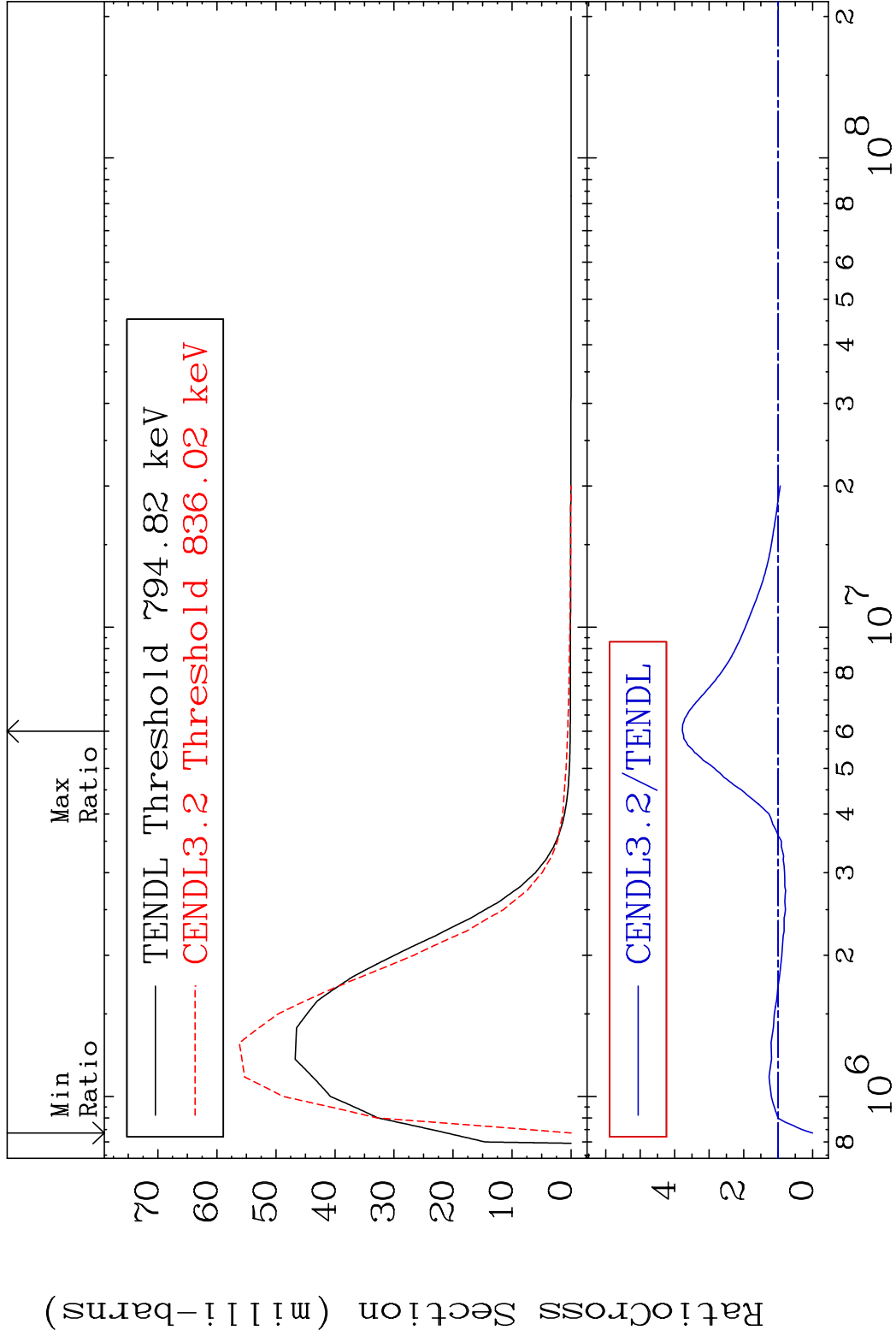
MT= 65 (n, n') Level

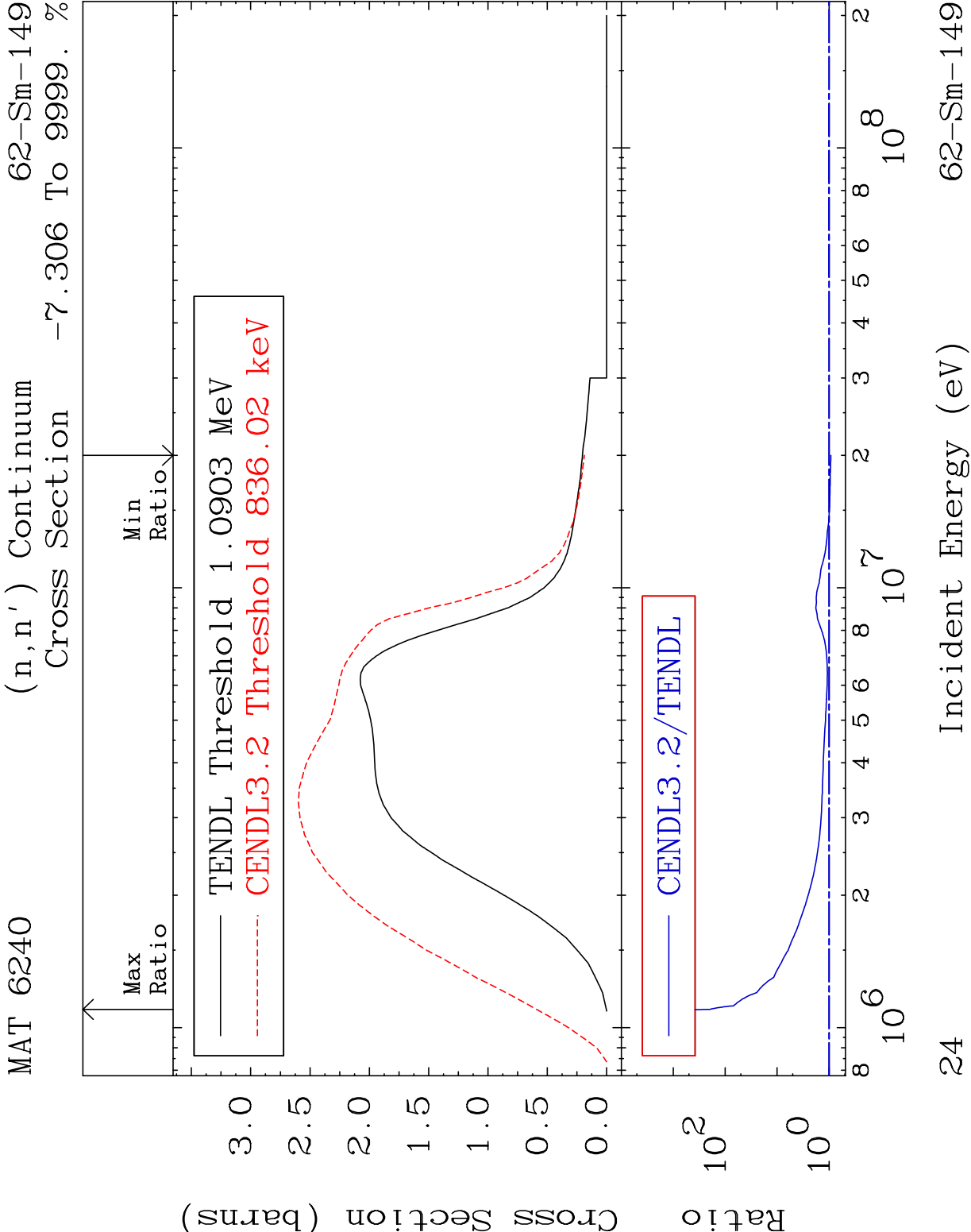
62-Sm-149

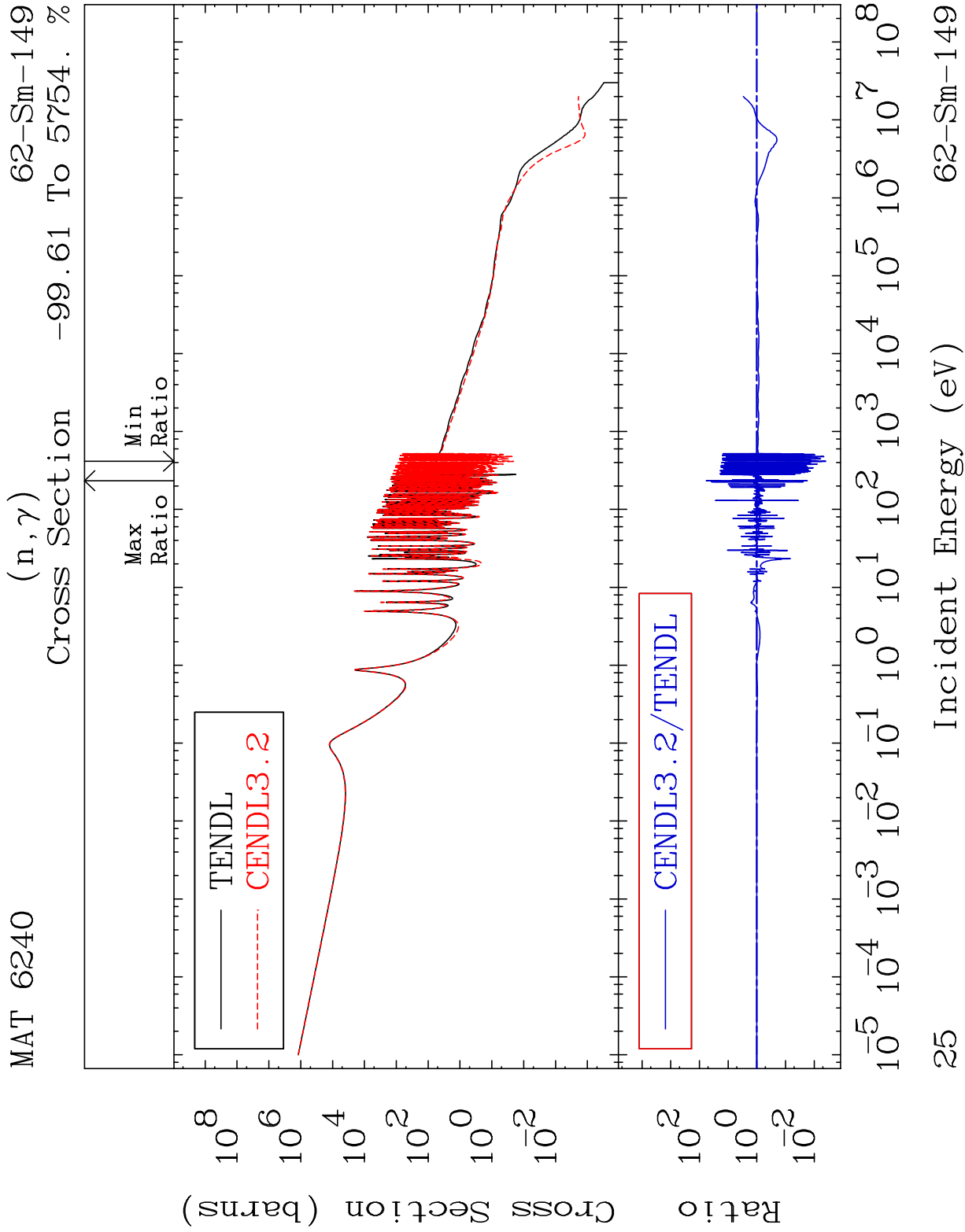
Cross Section -100.0 To 9999. %

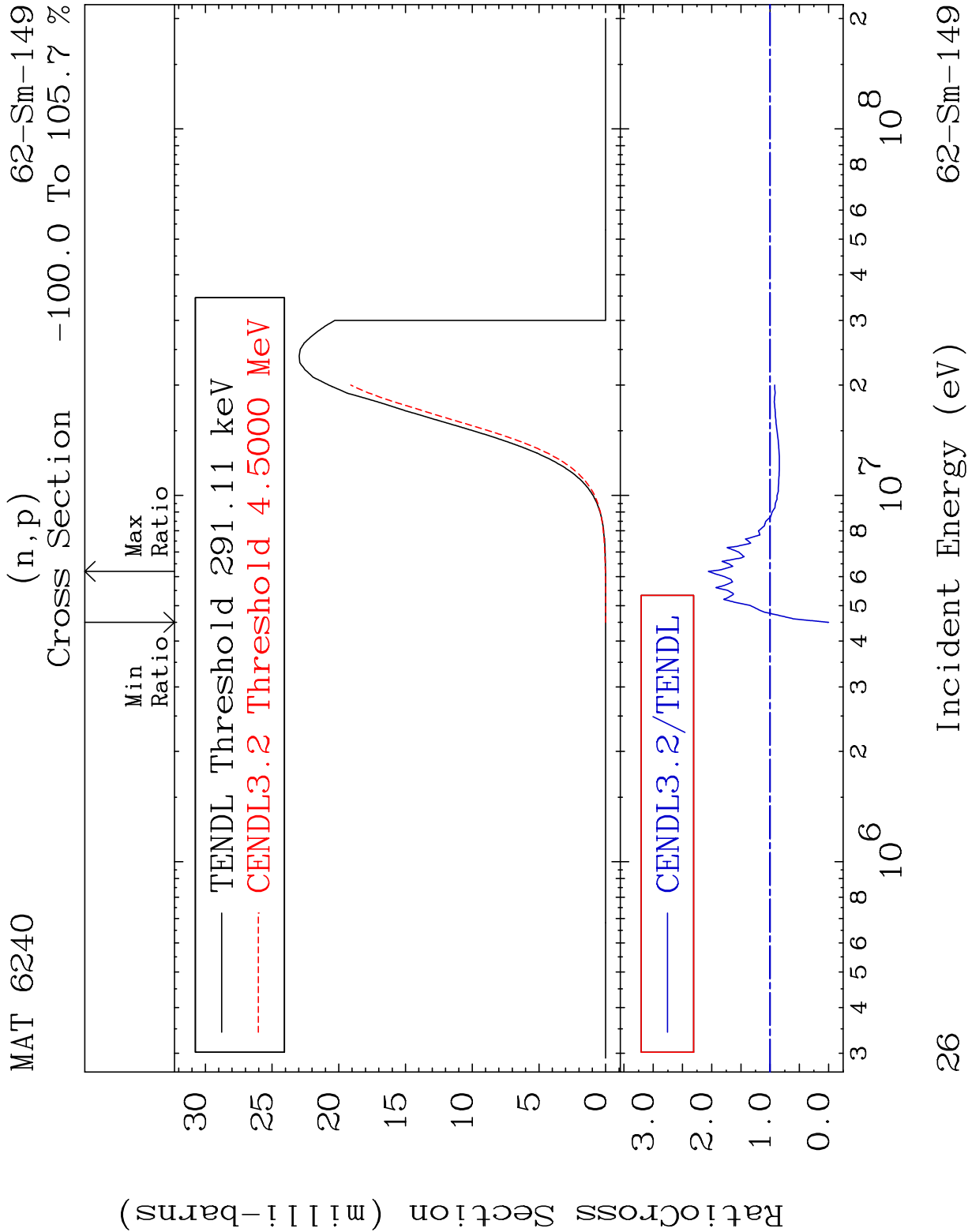


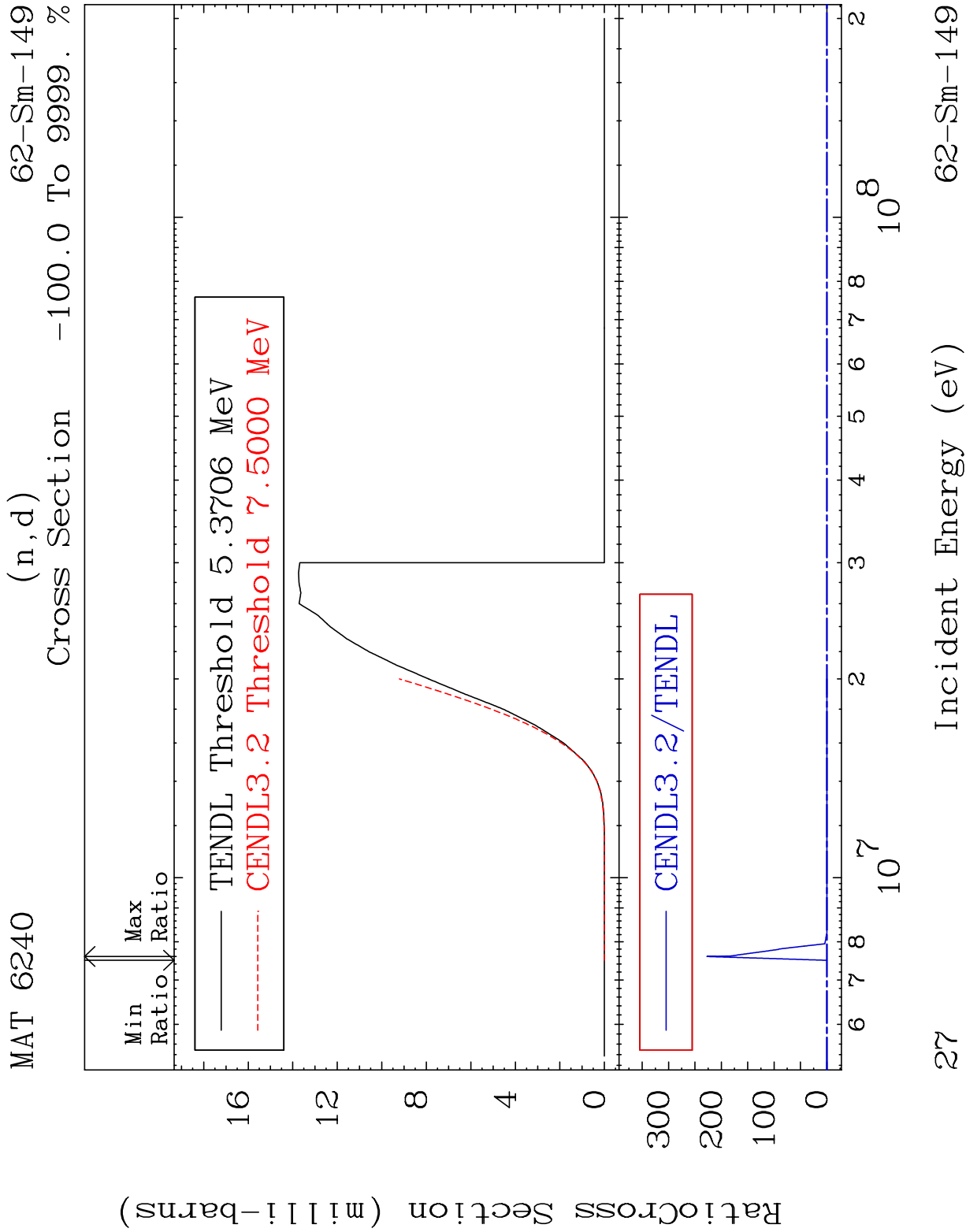
MAT 6240 MT= 66 (n,n') Level 62-Sm-149
Cross Section -100.0 To 277.8 %

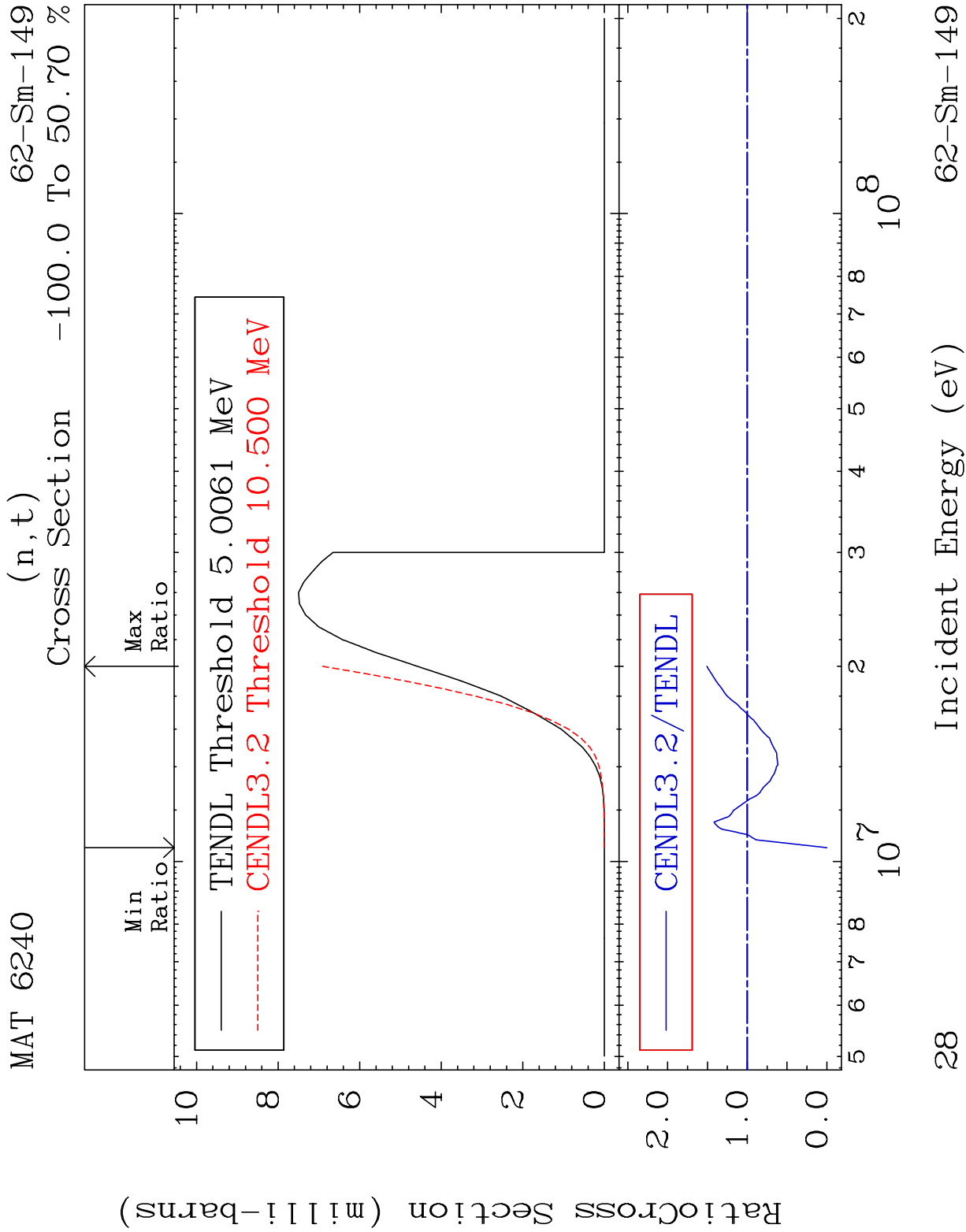


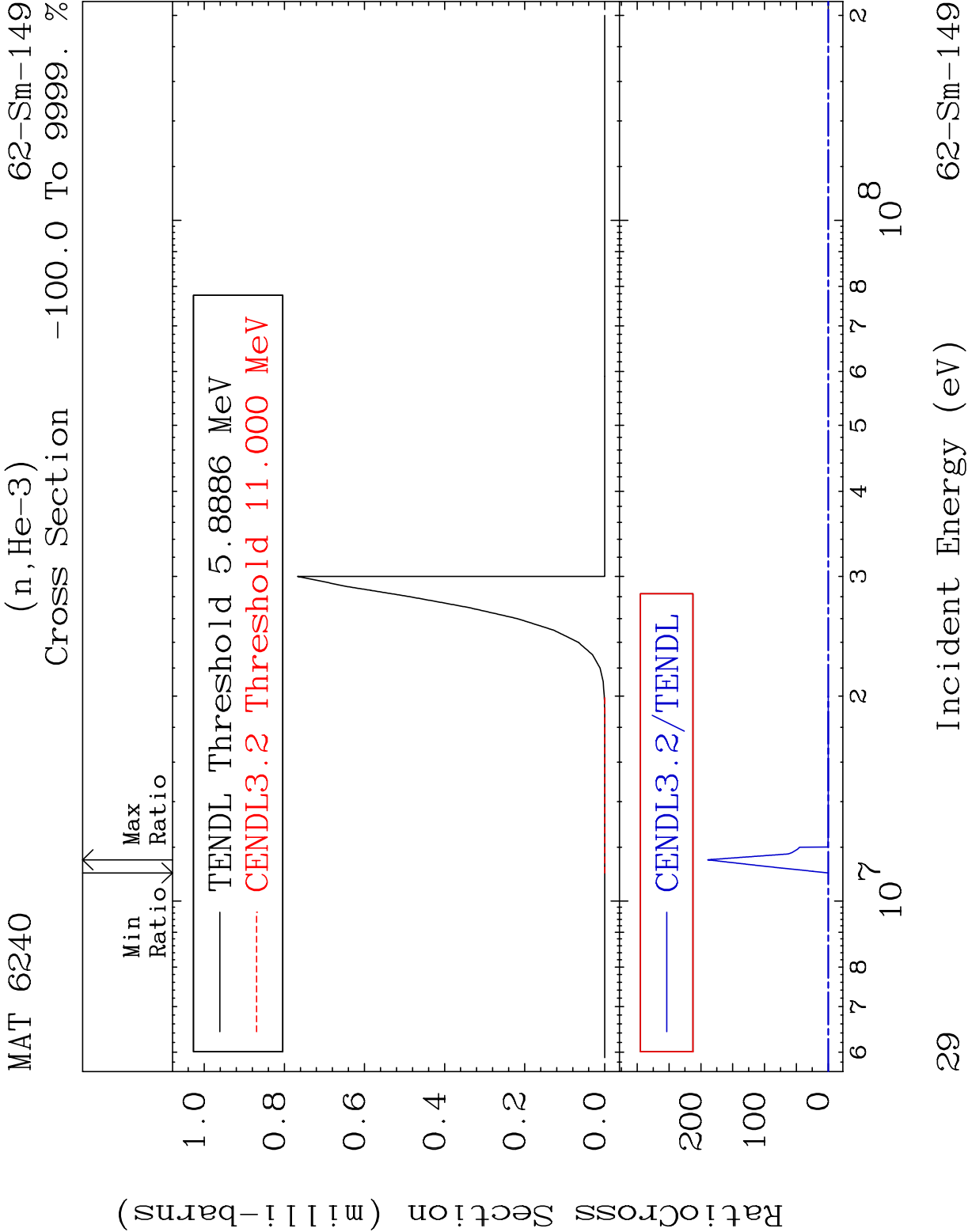


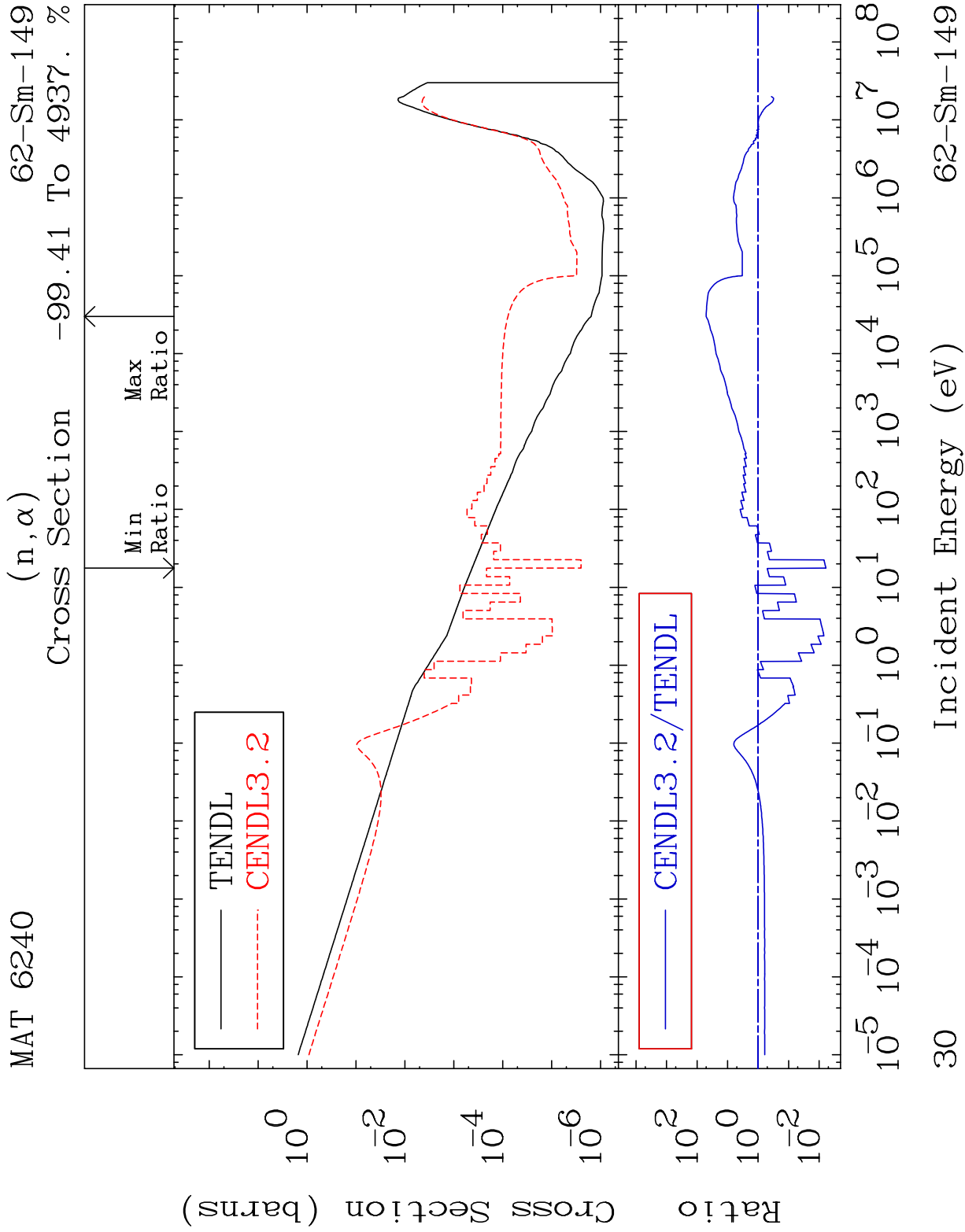


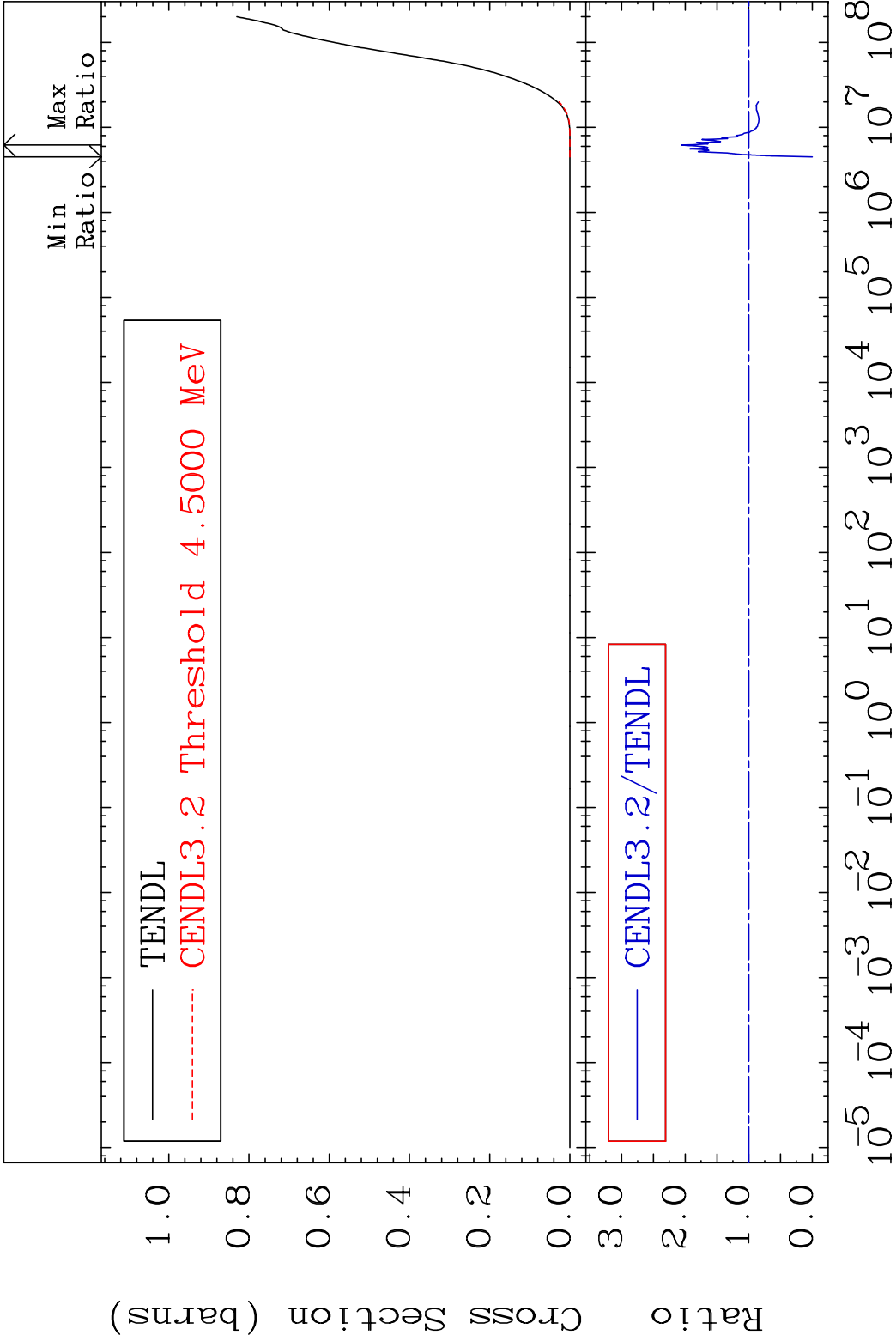


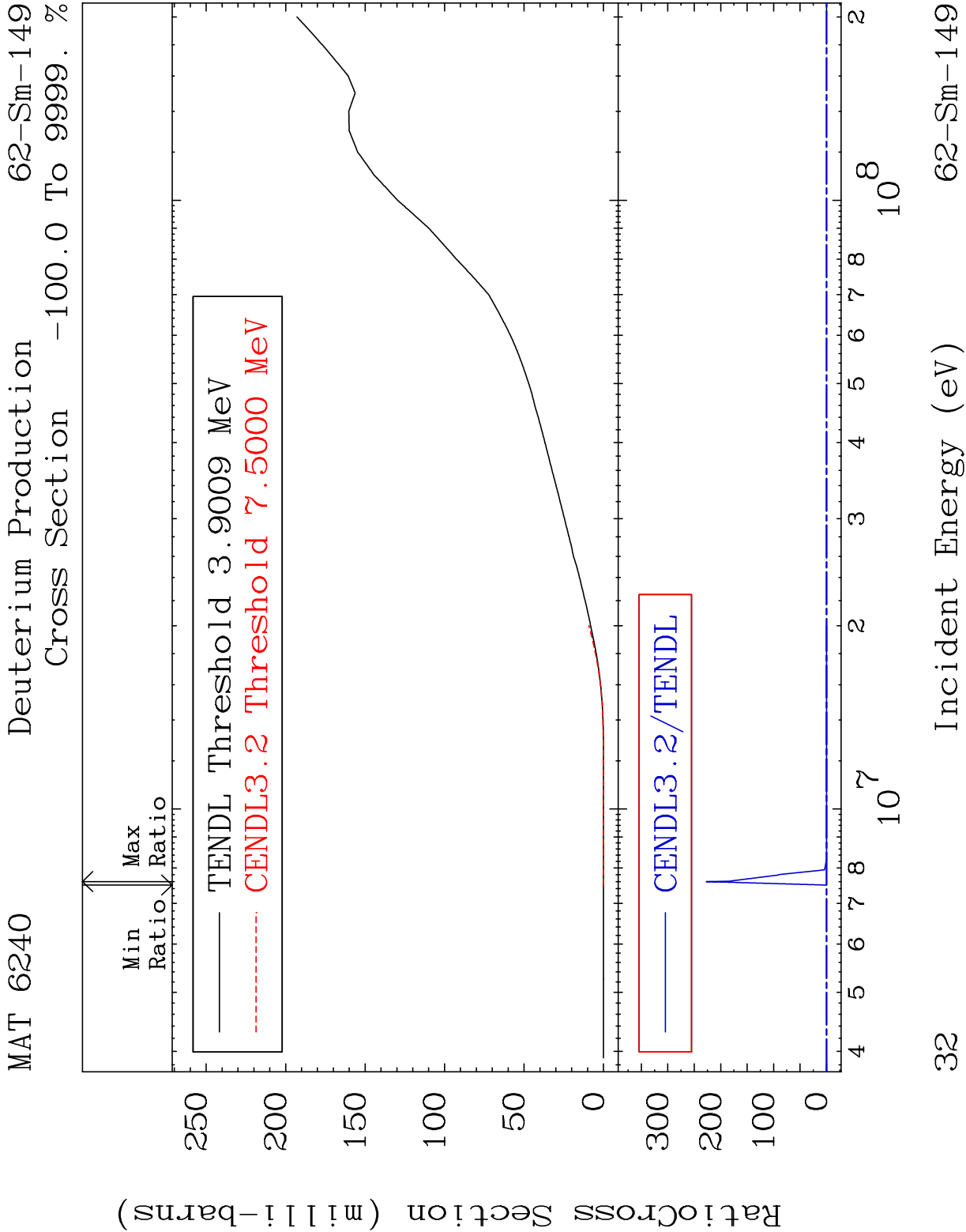


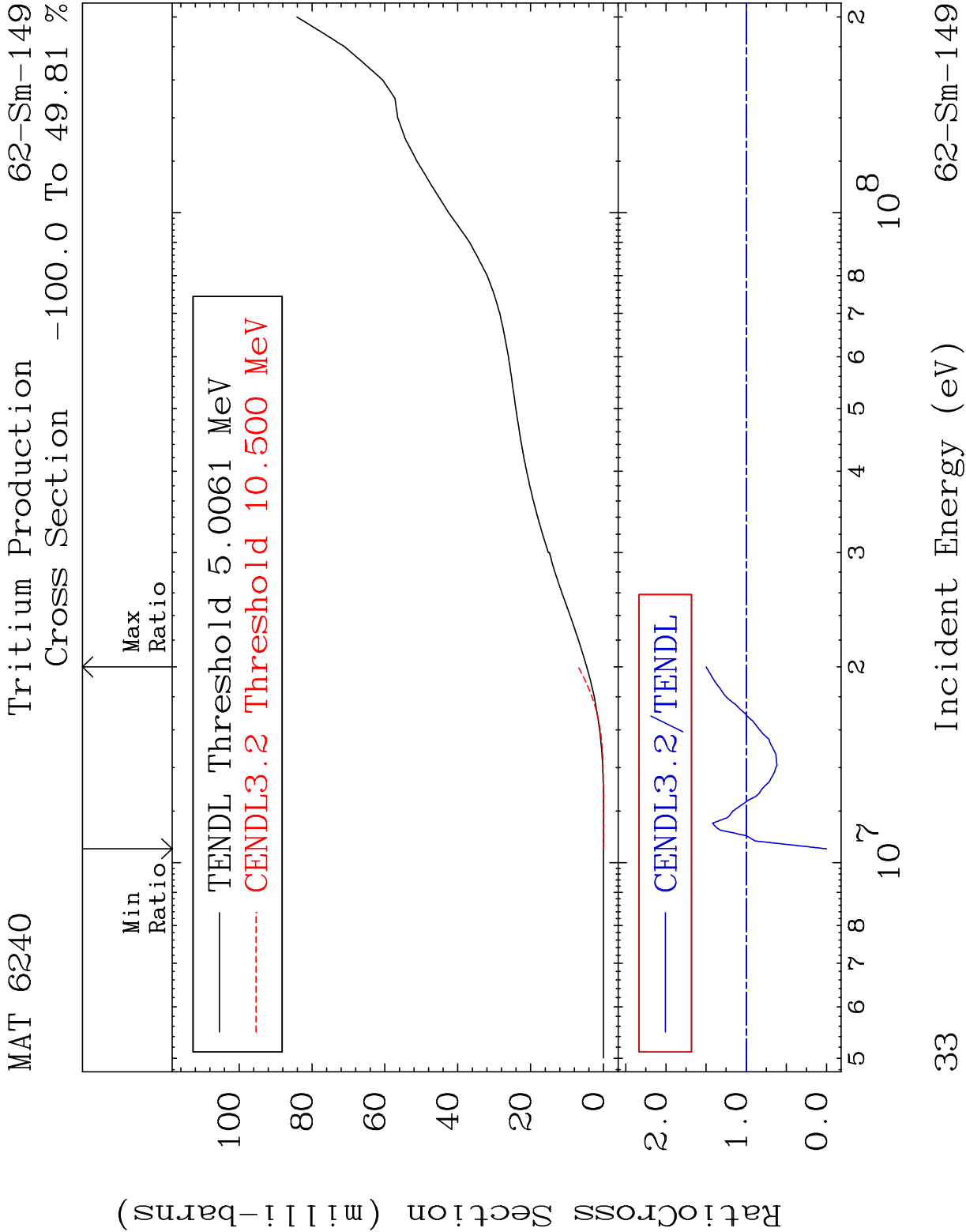


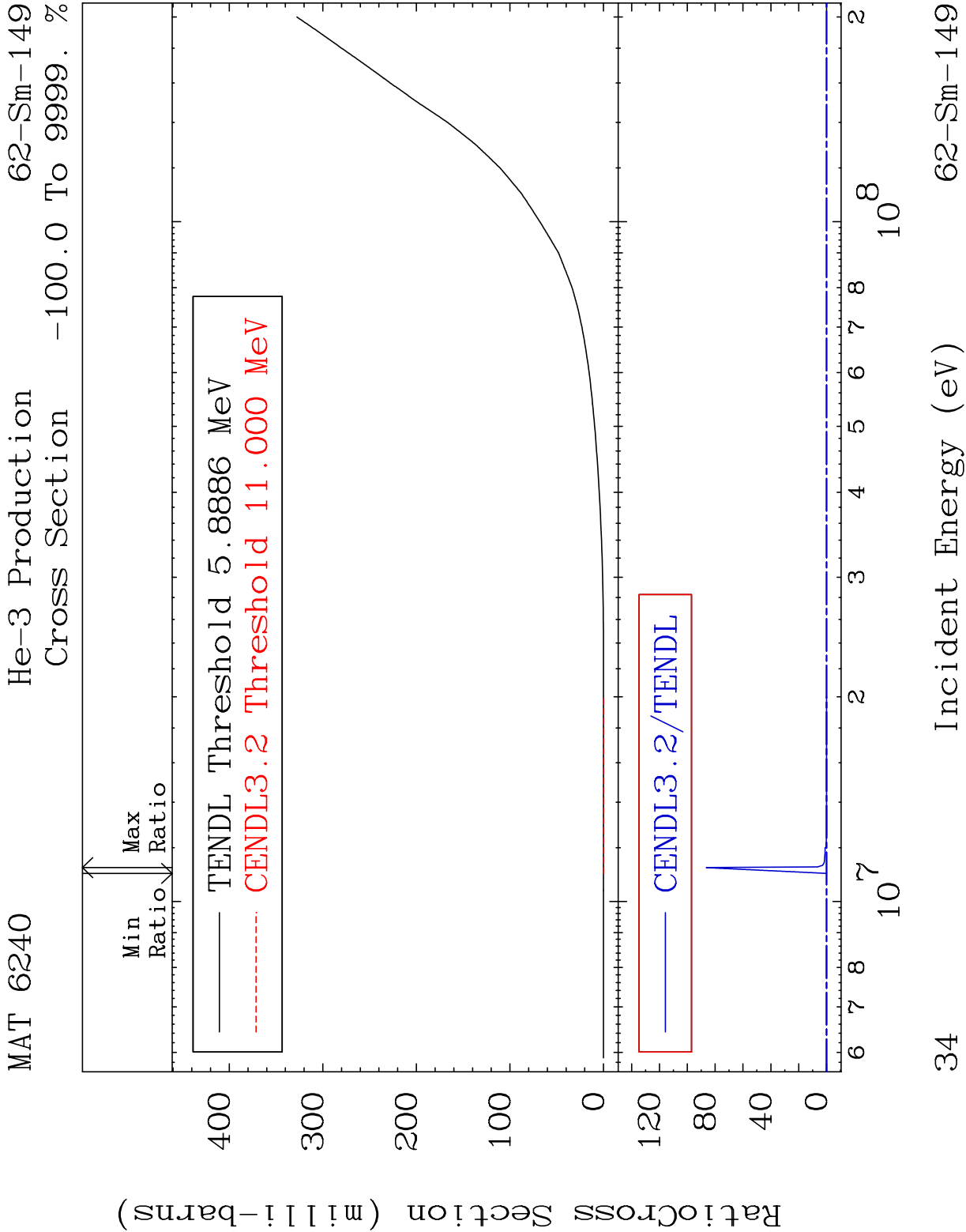


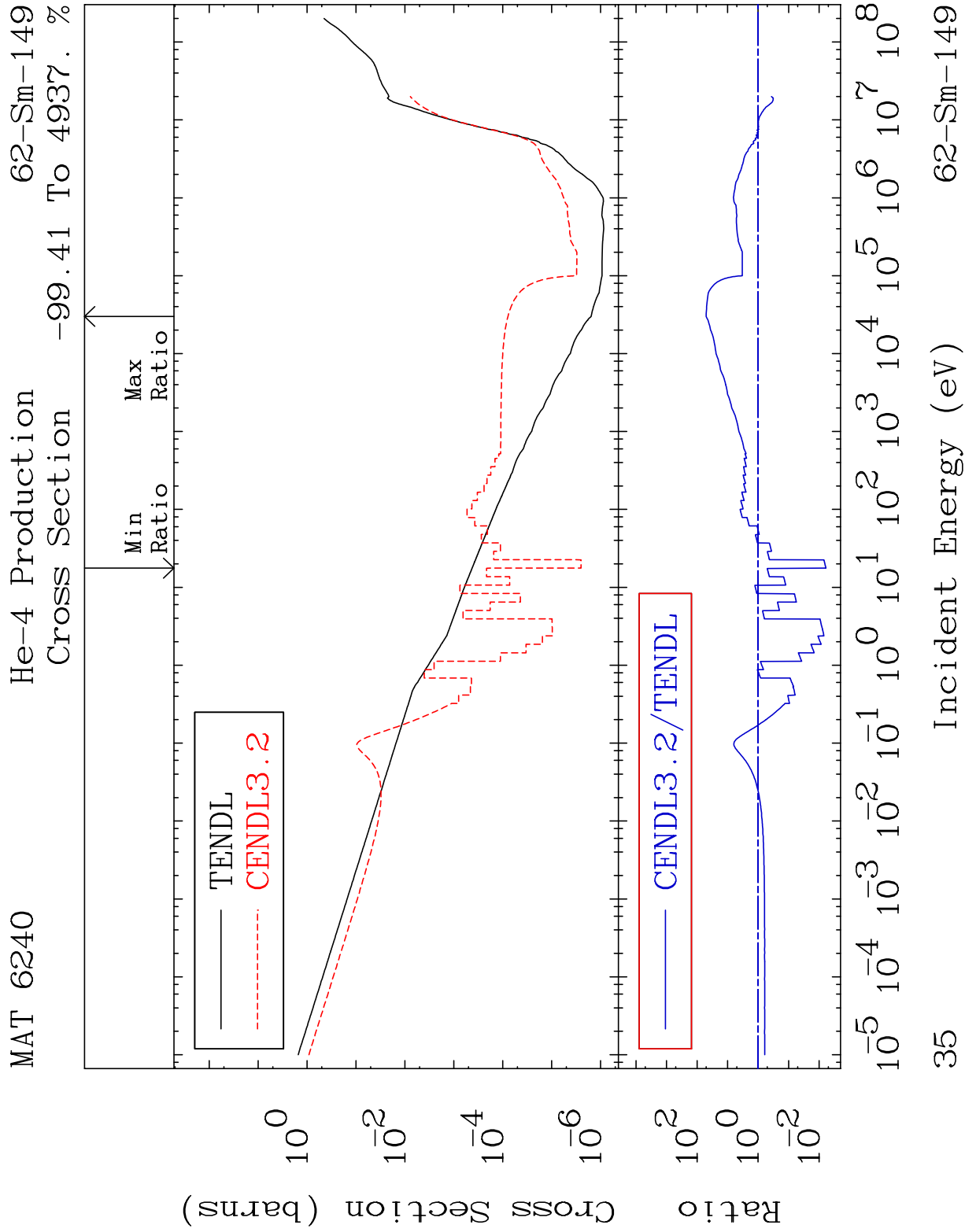












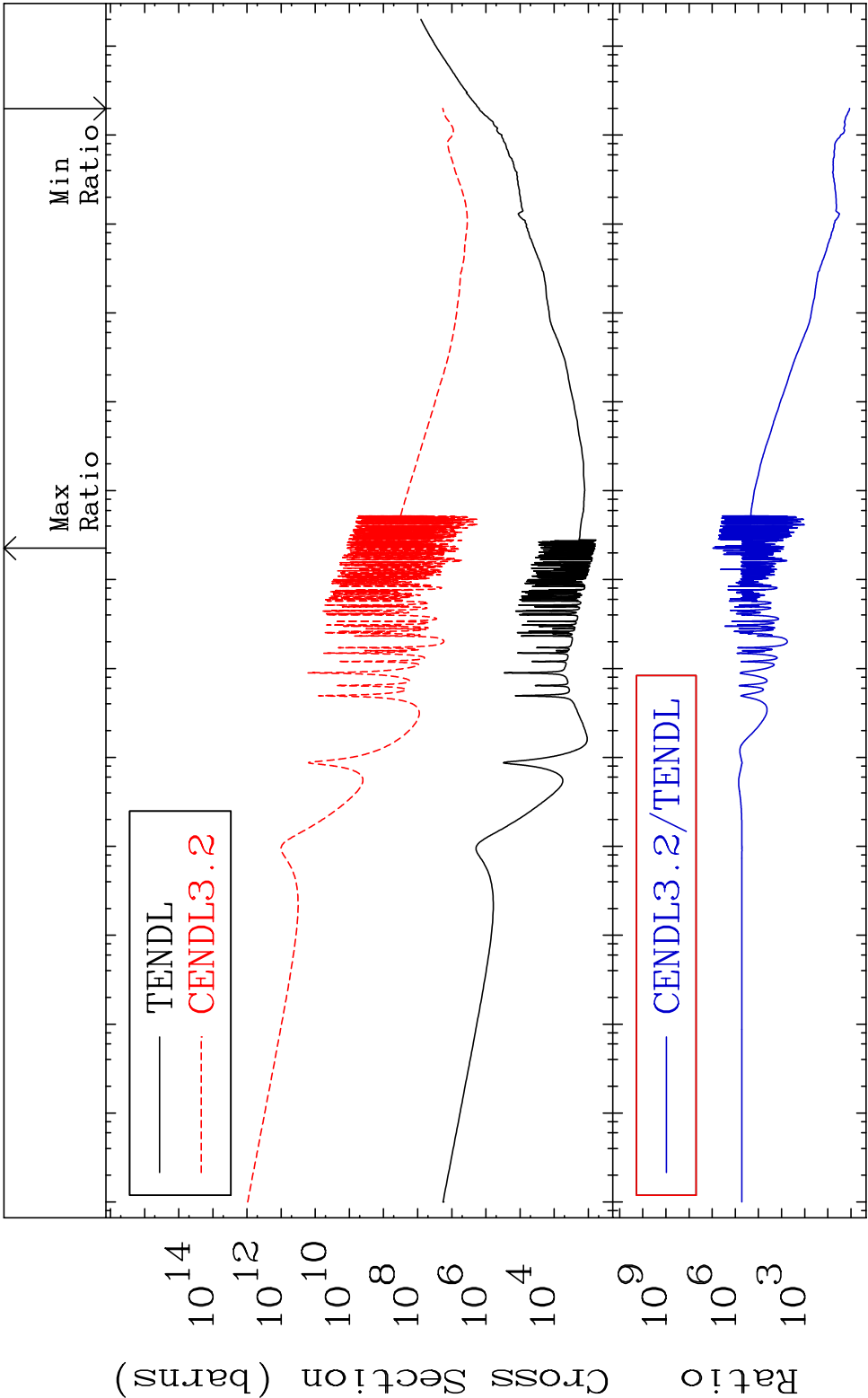
MAT 6240

Kerma total (eV-barns)

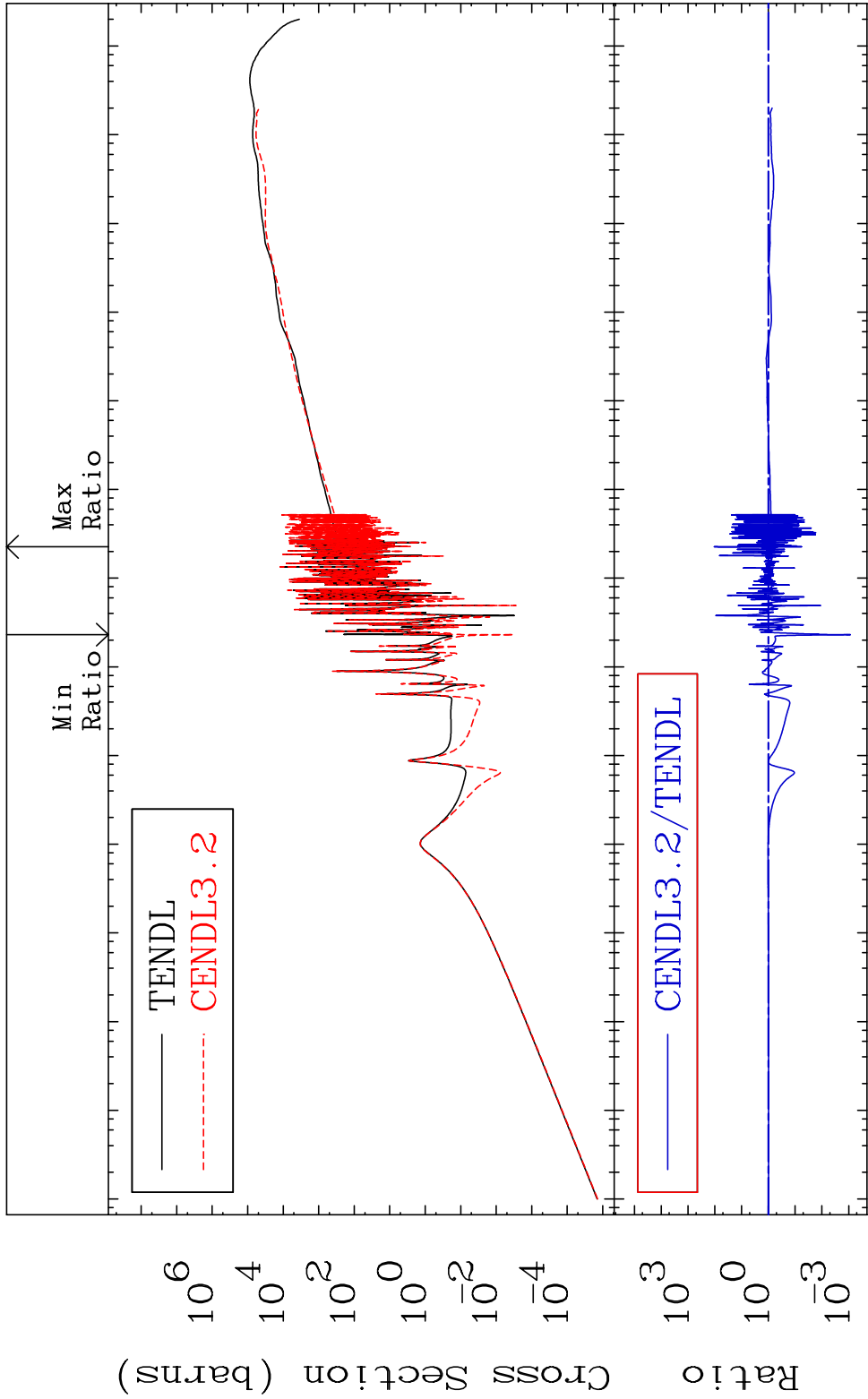
62-Sm-149

Cross Section

1053. To 9999. %



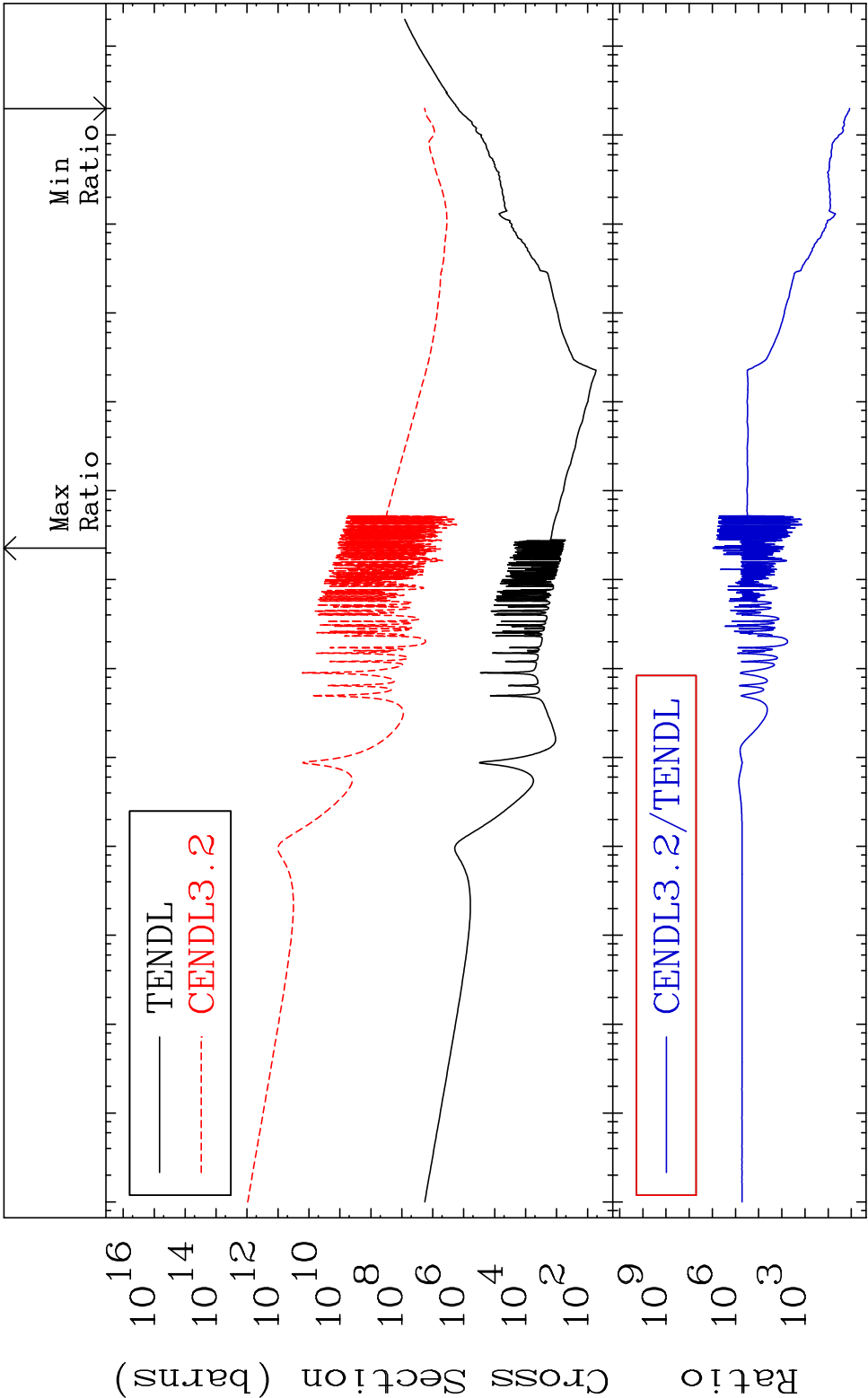
MAT 6240 Kerma elastic 62-Sm-149
 Cross Section -99.91 To 9999. %



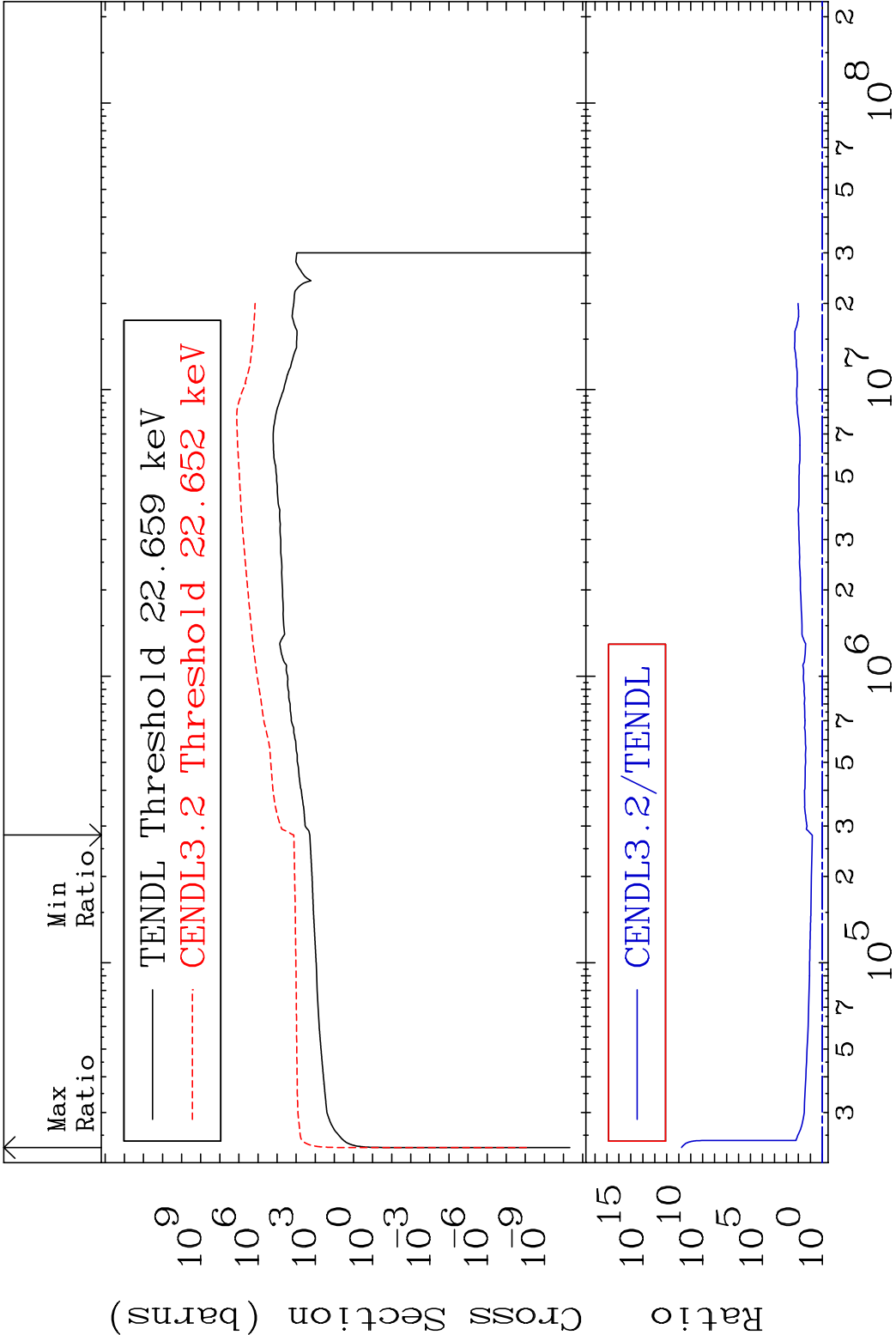
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

37 Incident Energy (eV) 62-Sm-149

MAT 6240 Kerma non-elastic (all but mt2) 62-Sm-149
 Cross Section 1101. To 9999. %

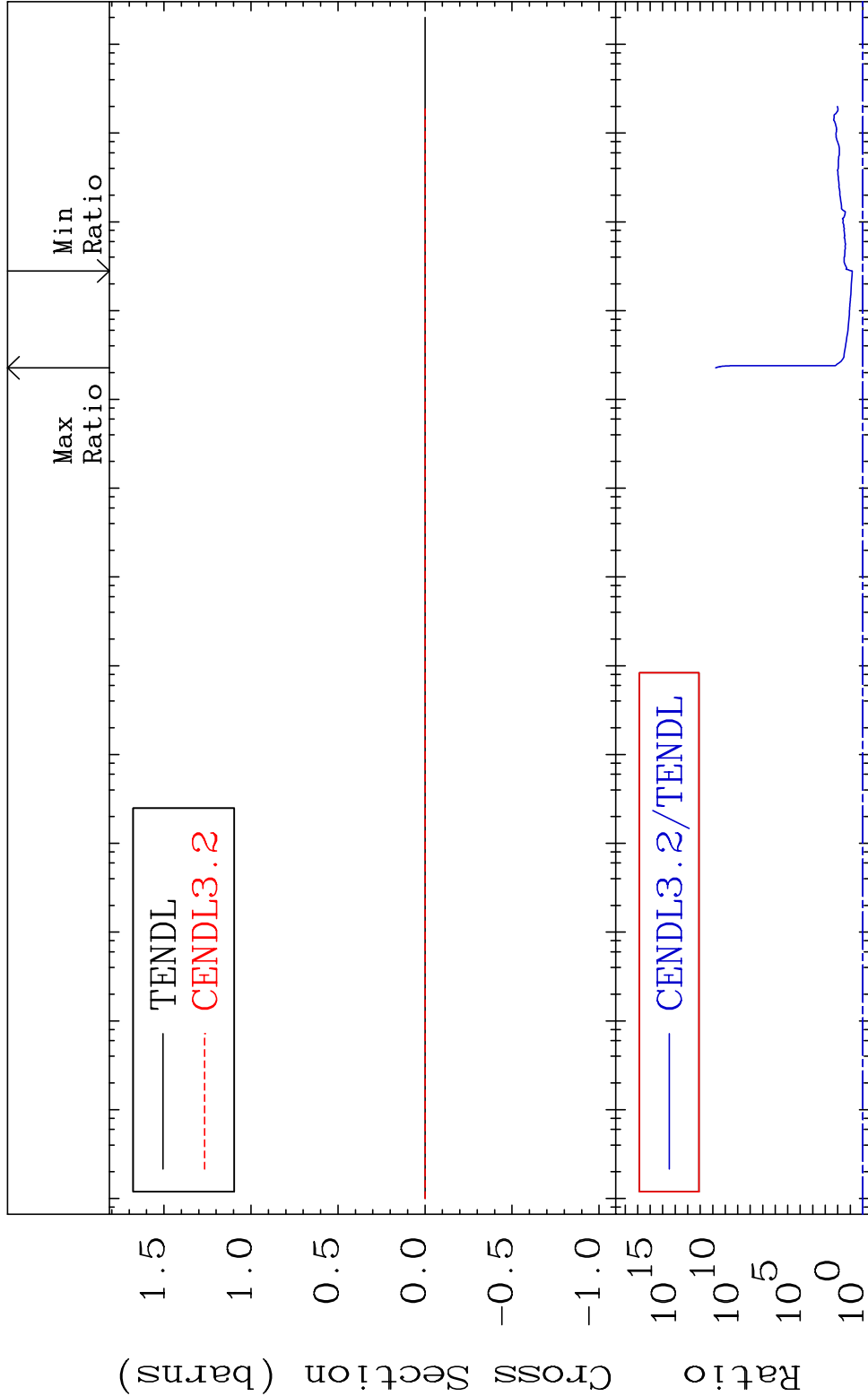


38 Incident Energy (eV) 62-Sm-149



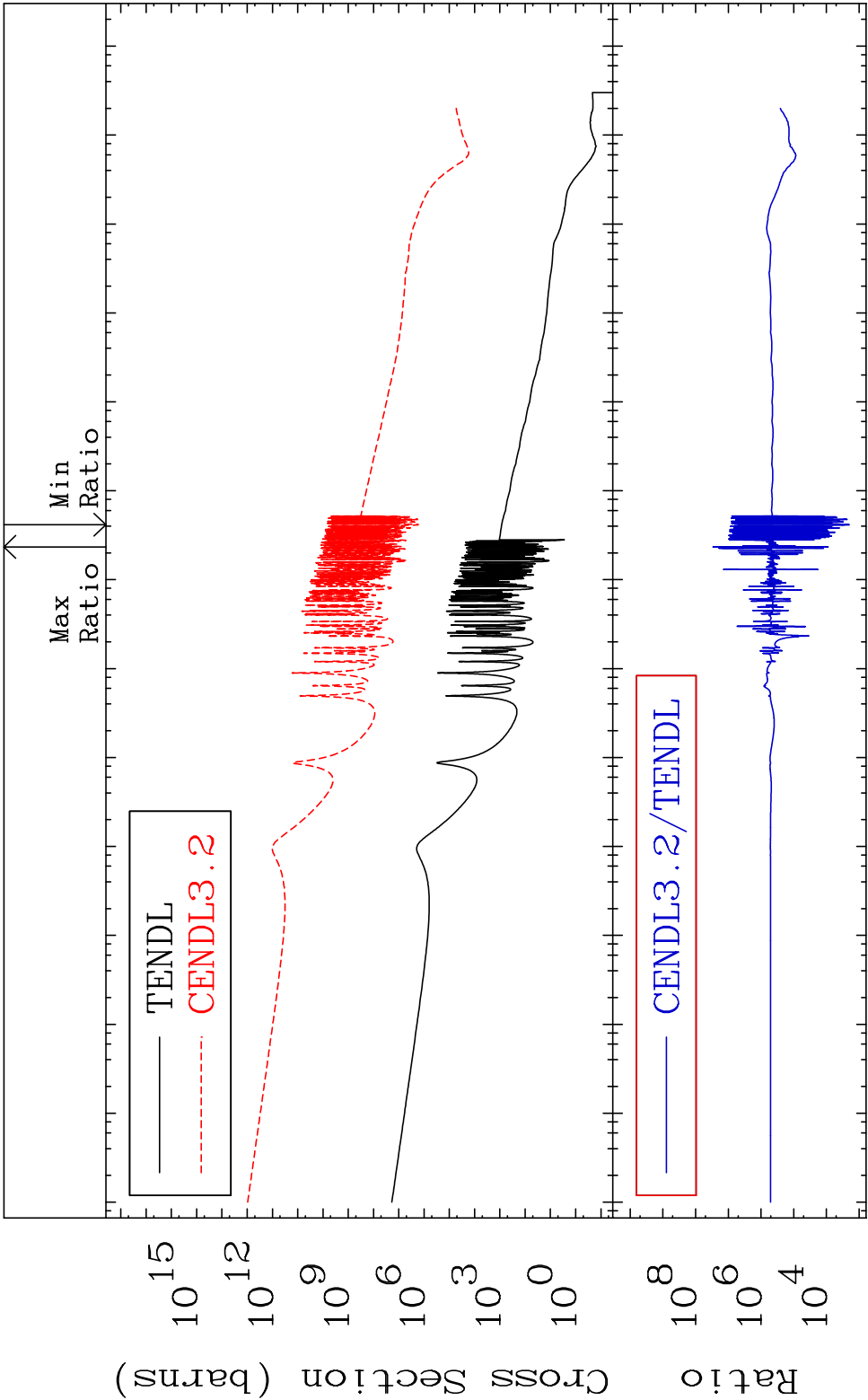
MAT 6240 Kerma fission (mt18 or mt19-20-21-38)62-Sm-149

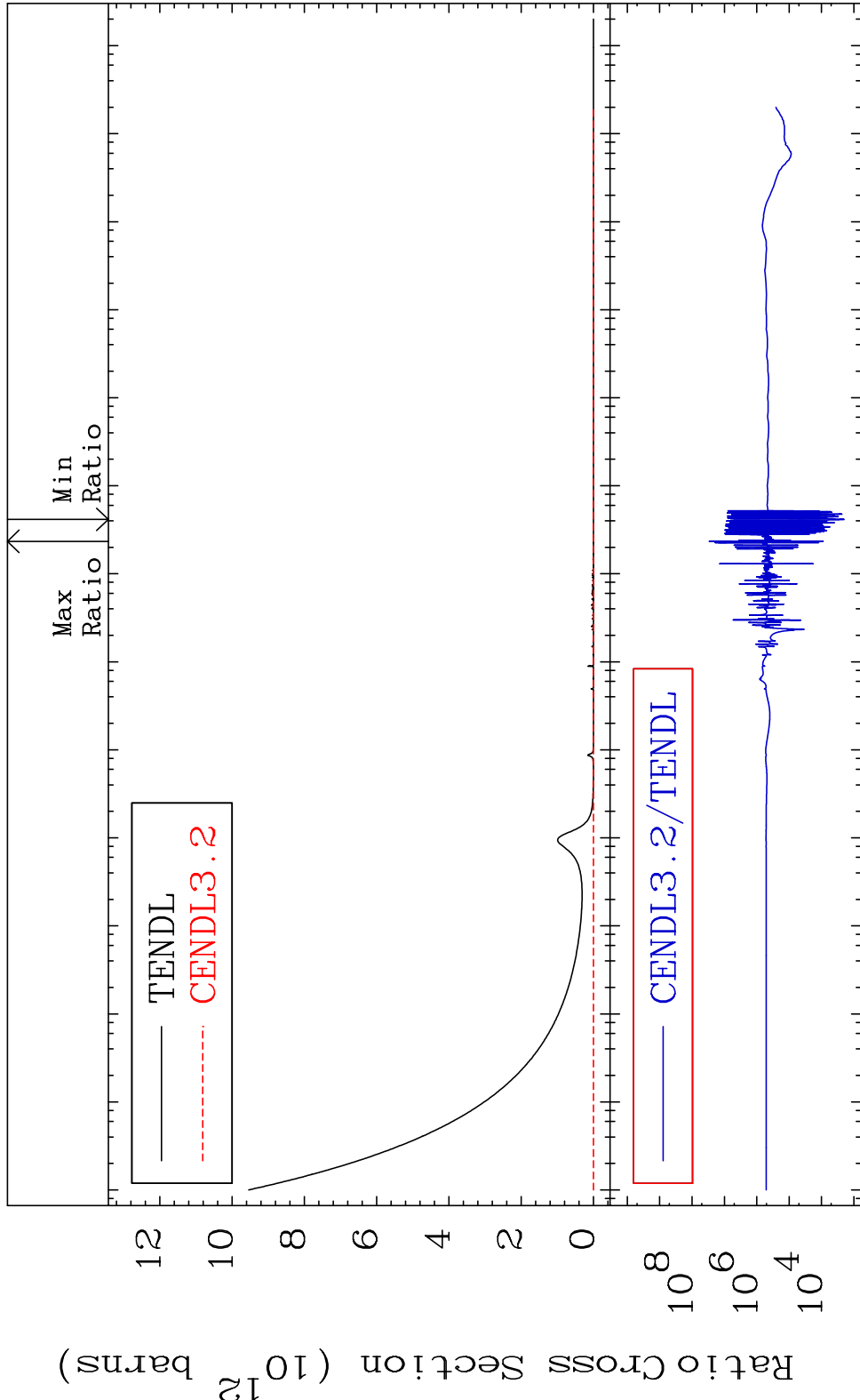
Cross Section 595.5 To 9999. %



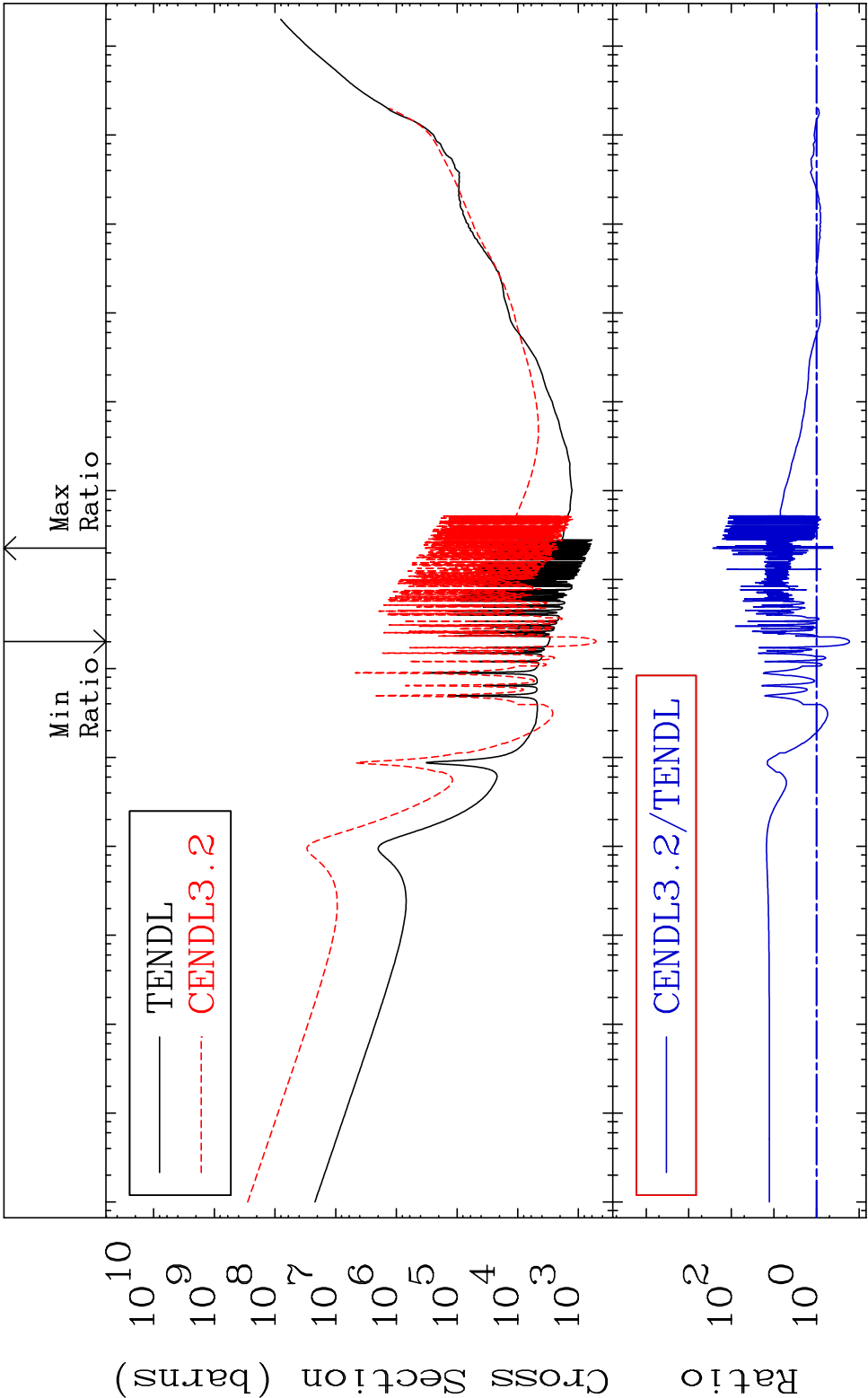
Ratio
Cross Section (barns)

Incident Energy (eV) 62-Sm-149



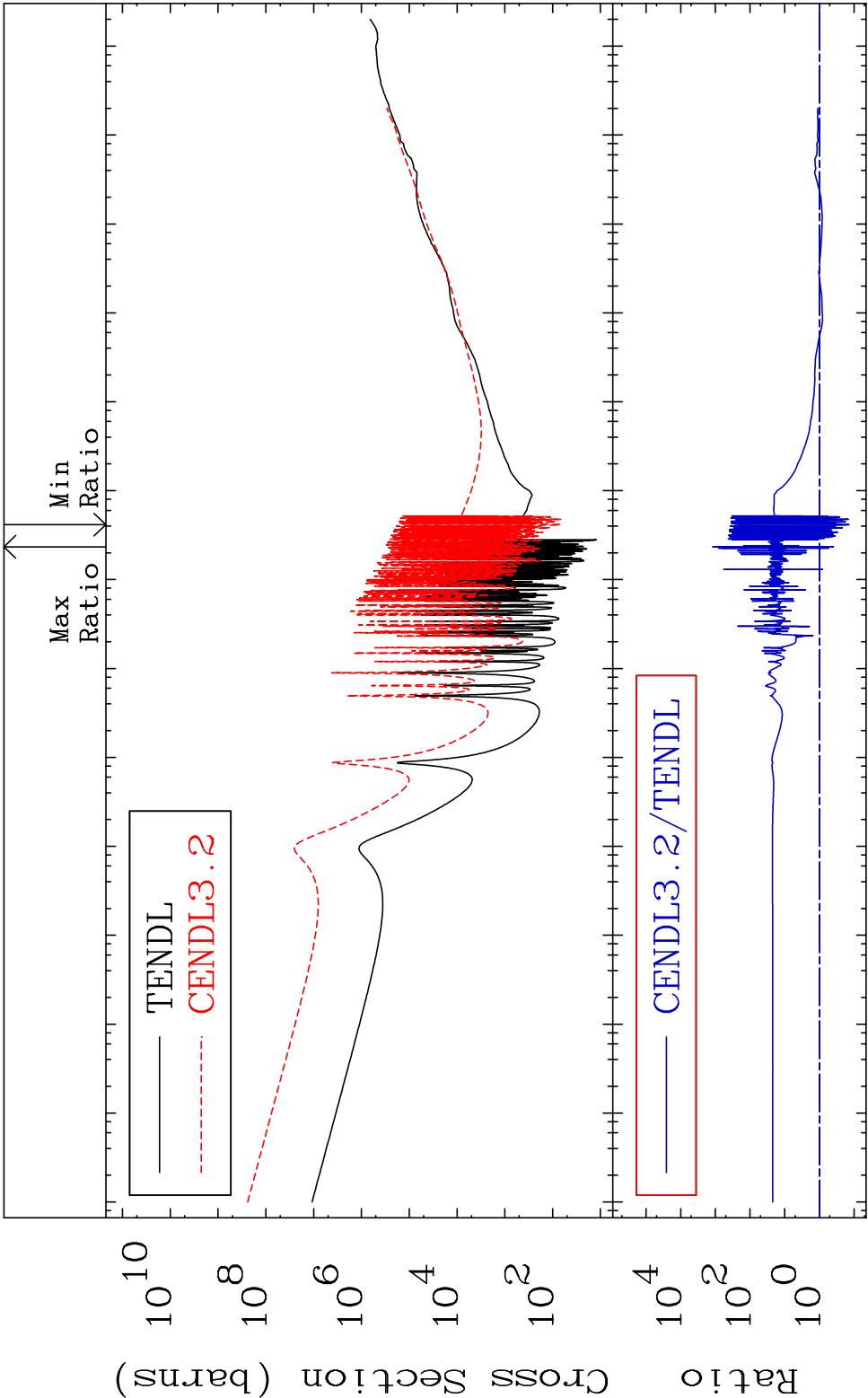


MAT 6240 Total kinematic kerma (high limit) 62-Sm-149
Cross Section -83.14 To 9999. %

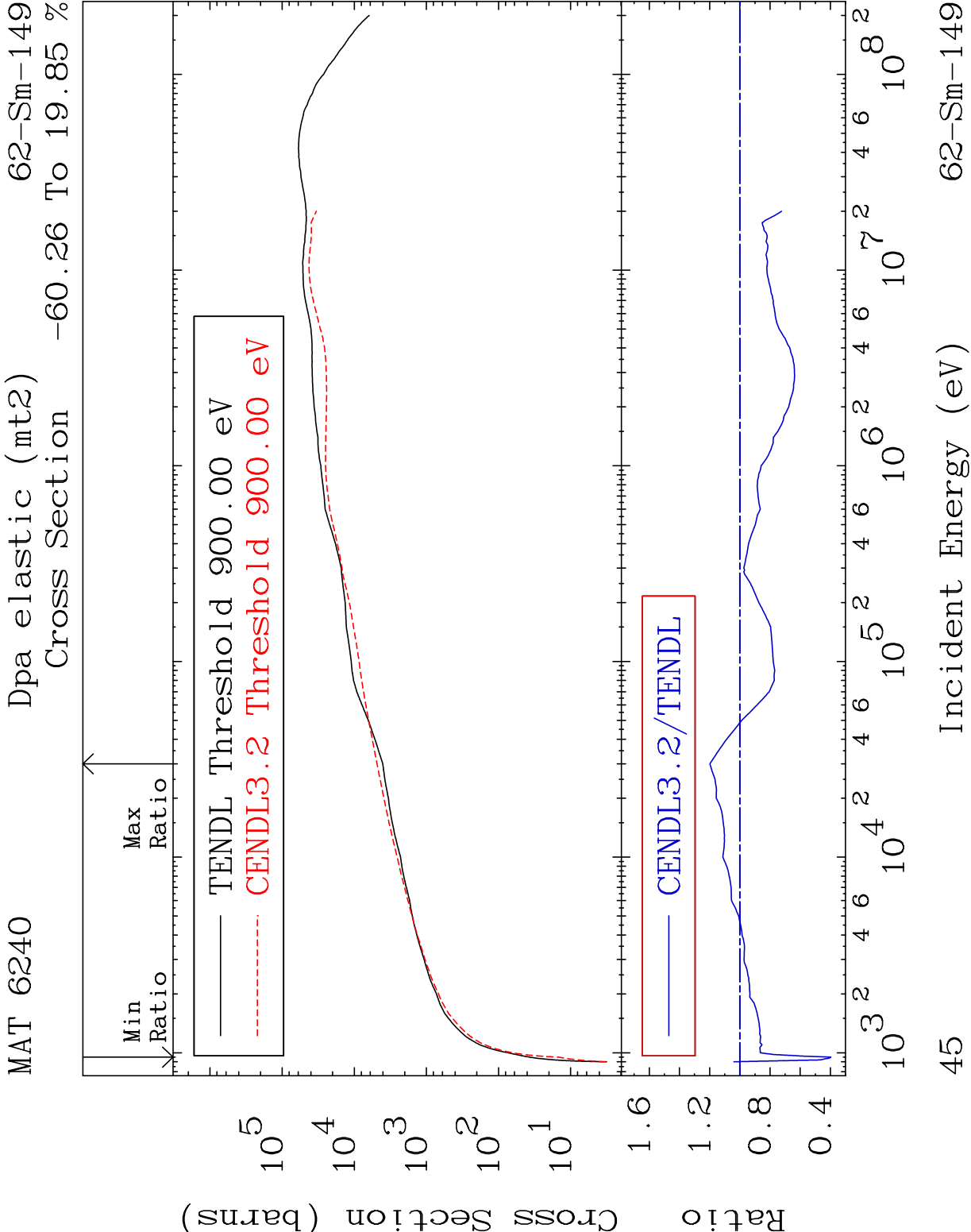


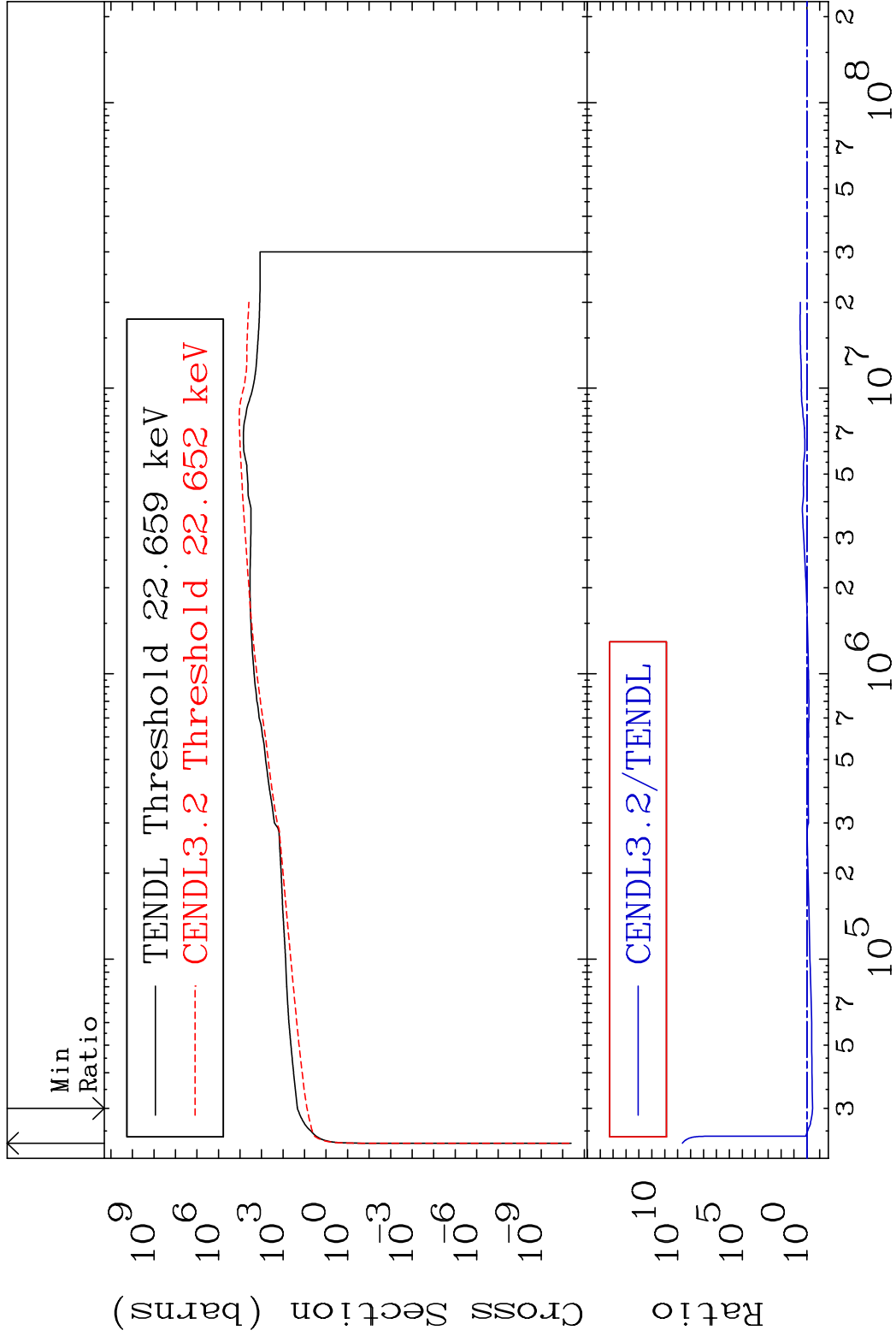
43 Incident Energy (eV) 62-Sm-149

MAT 6240	Dpa total (eV-barns)	62-Sm-149
	Cross Section	-86.52 To 9999. %

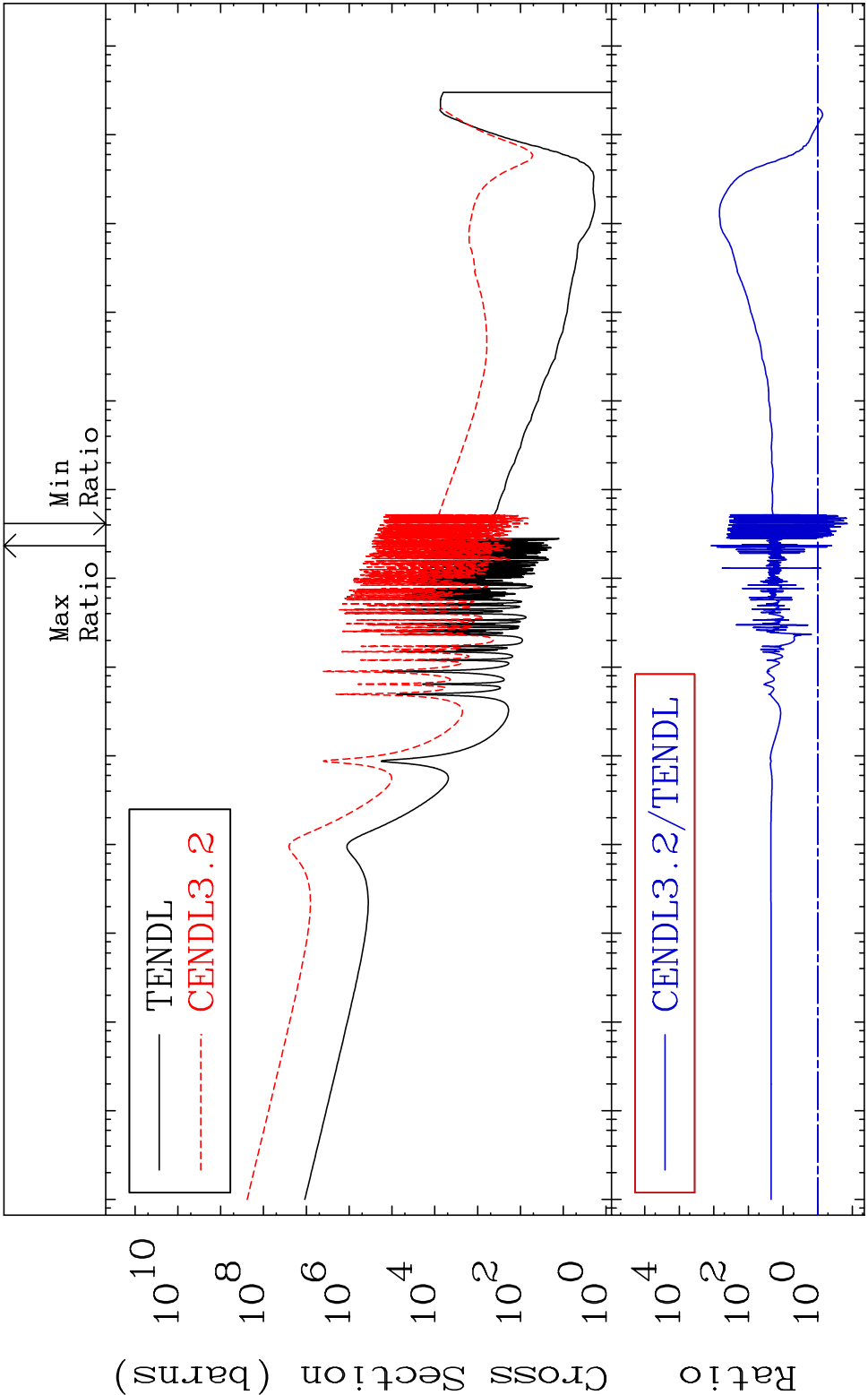


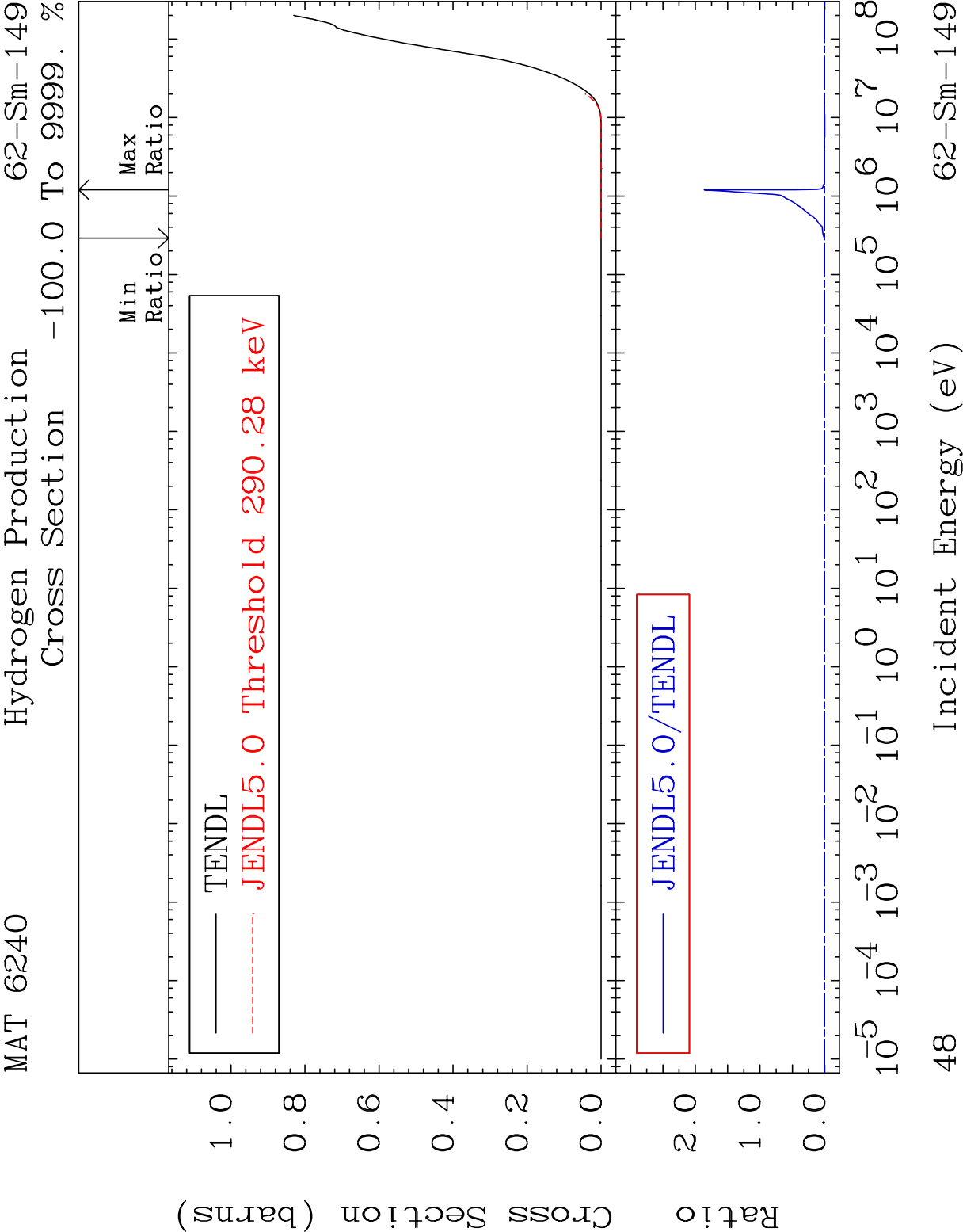
44	Incident Energy (eV)	62-Sm-149
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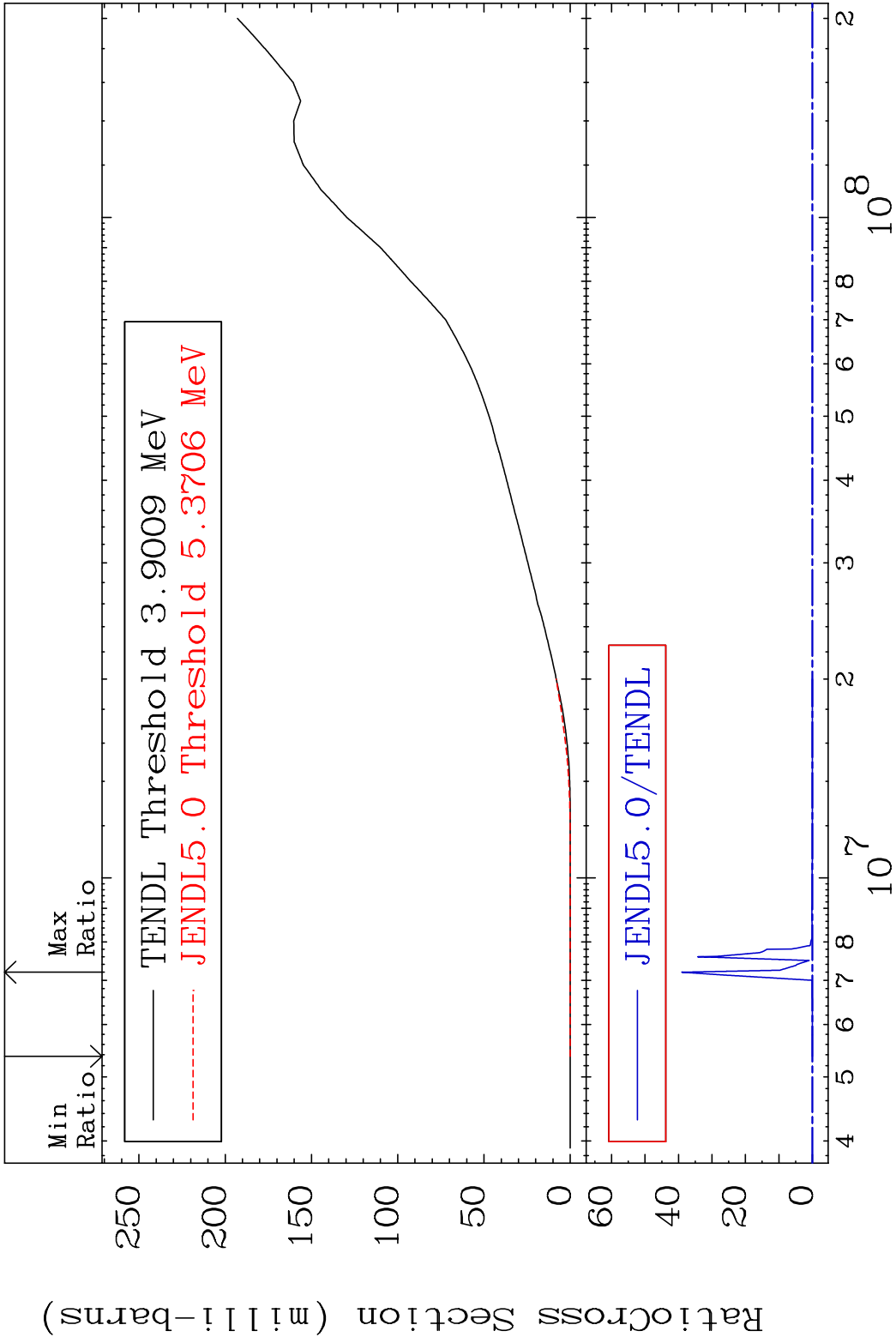


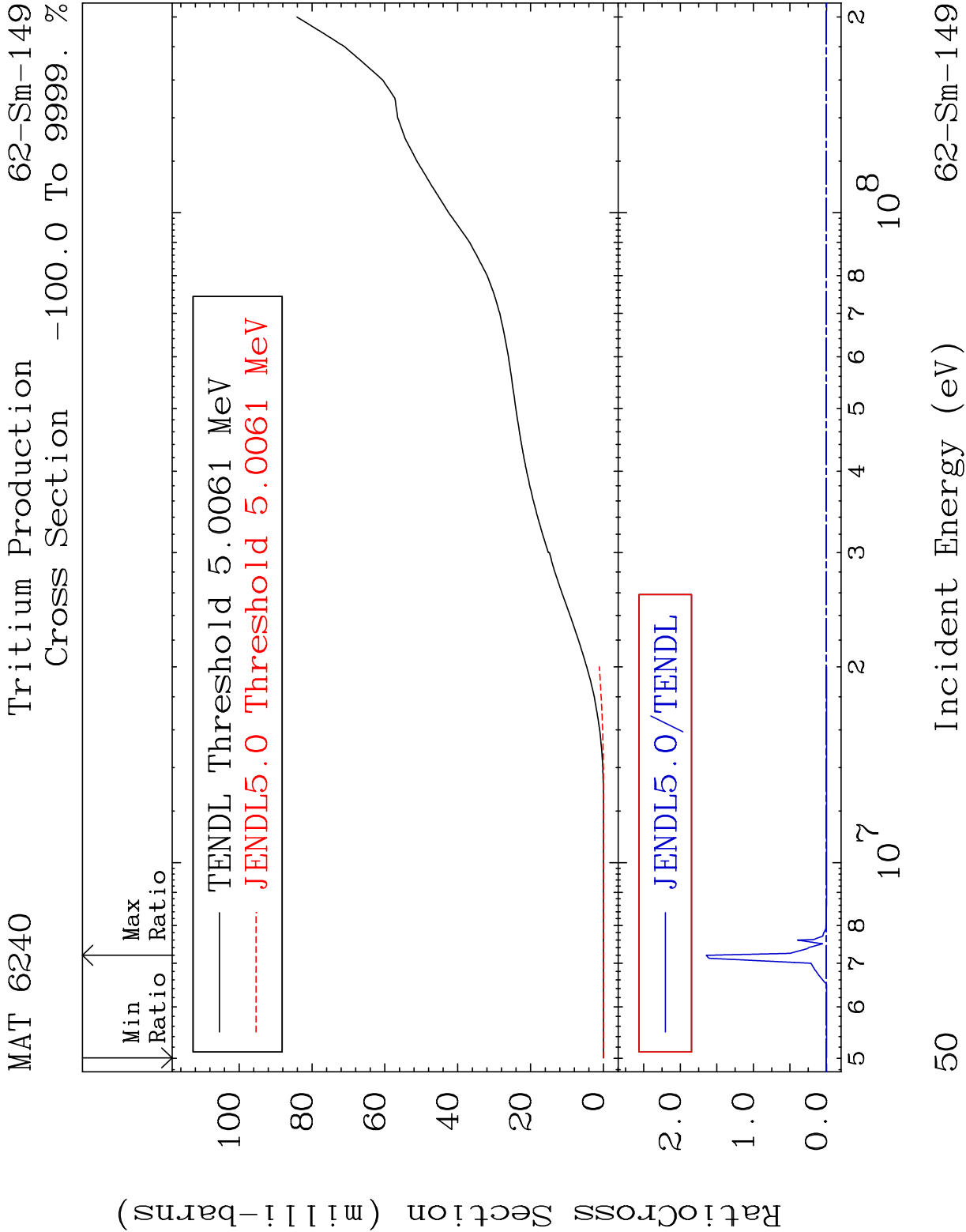


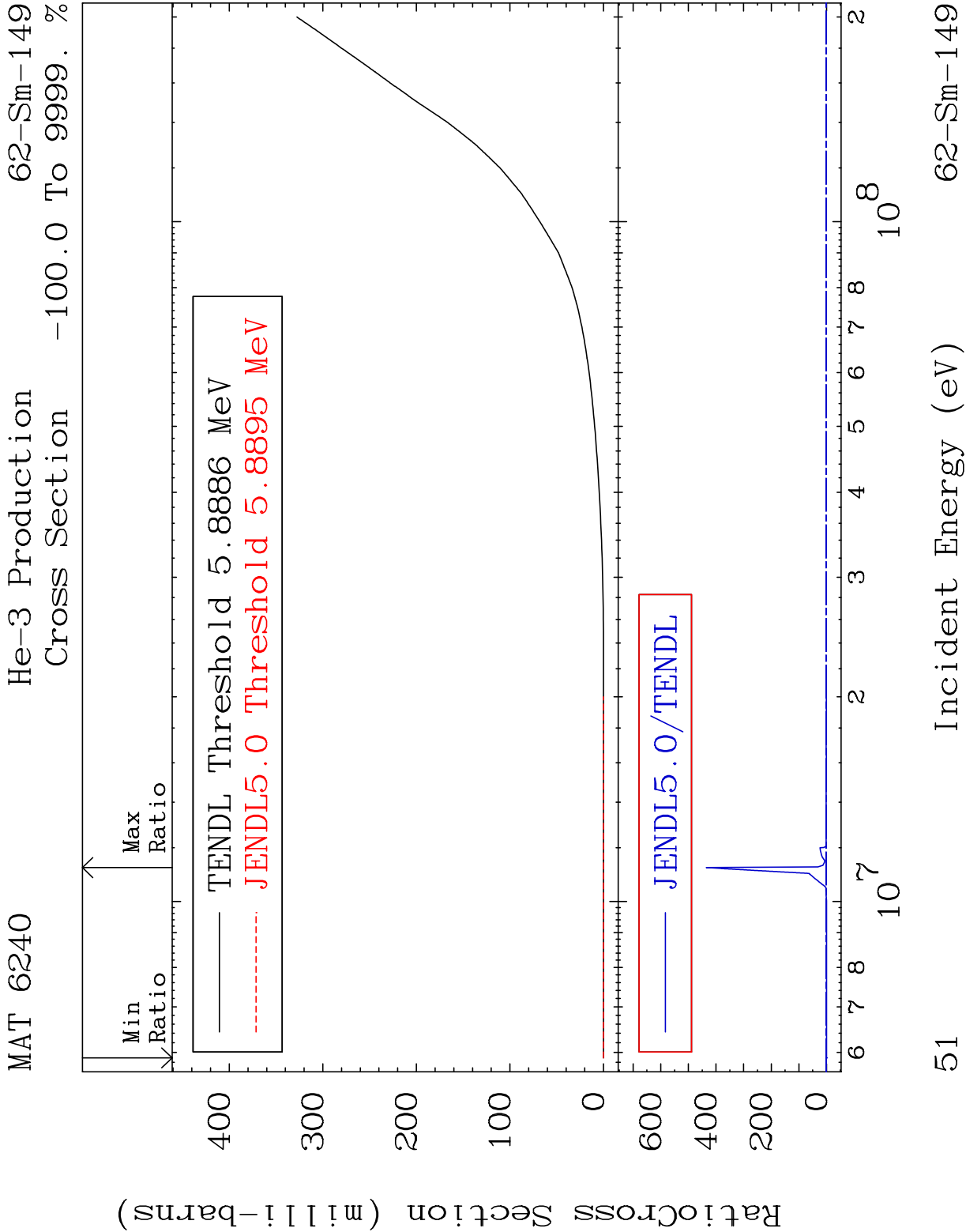
MAT 6240 Dpa disappearance (mt102 -120) 62-Sm-149
Cross Section -86.52 To 9999. %

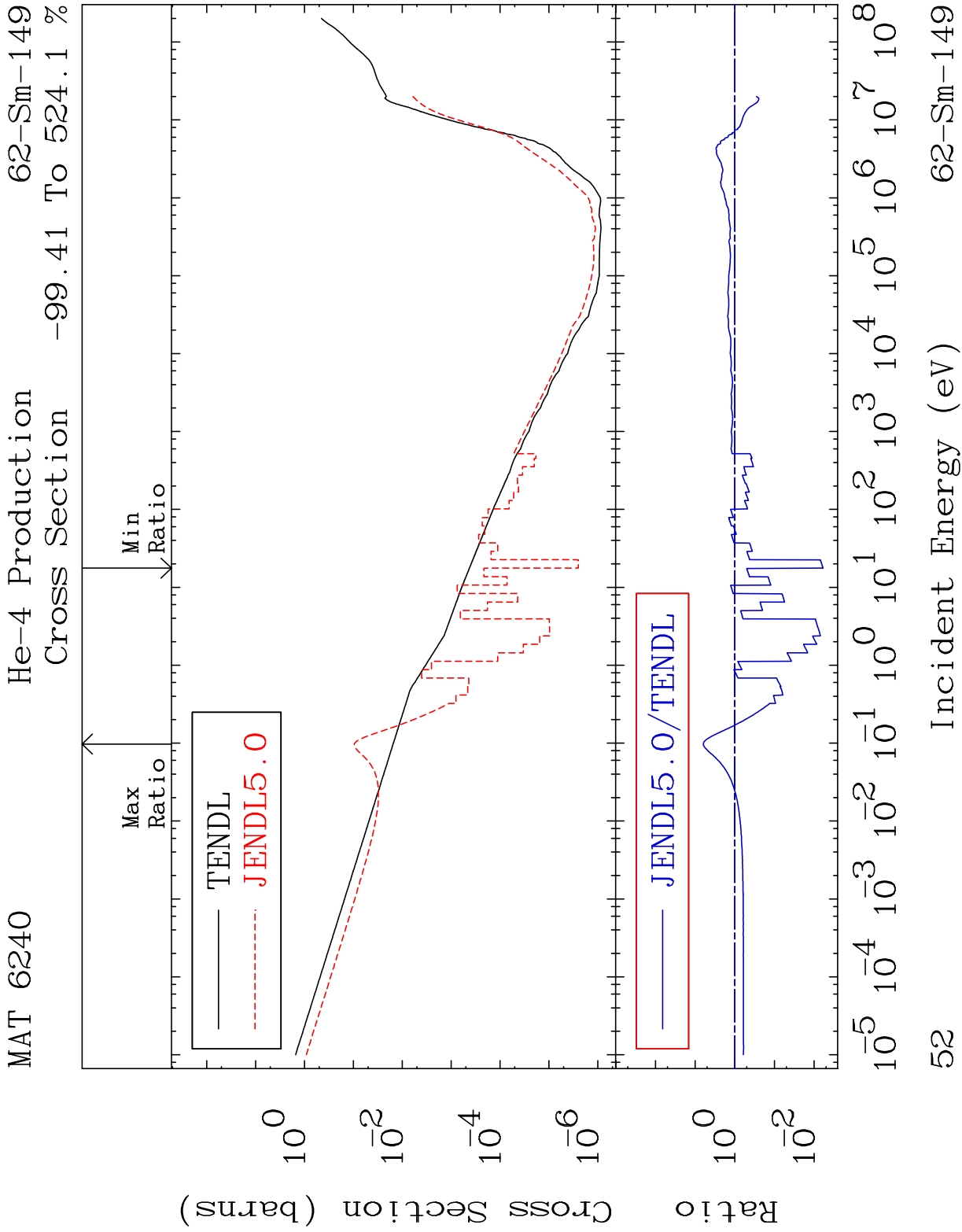




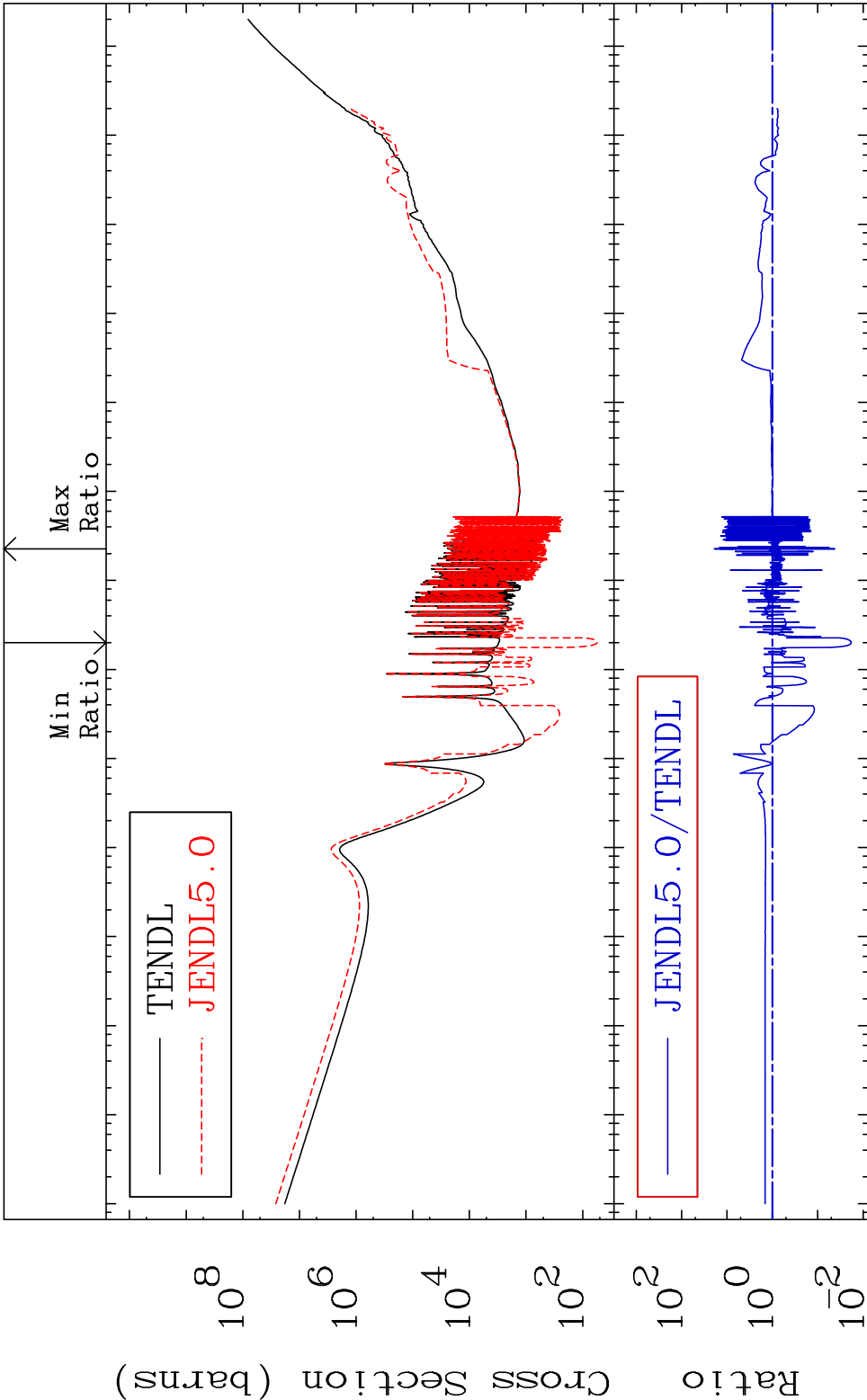








MAT 6240 Kerma total (eV-barns) 62-Sm-149
 Cross Section -98.16 To 1813. %

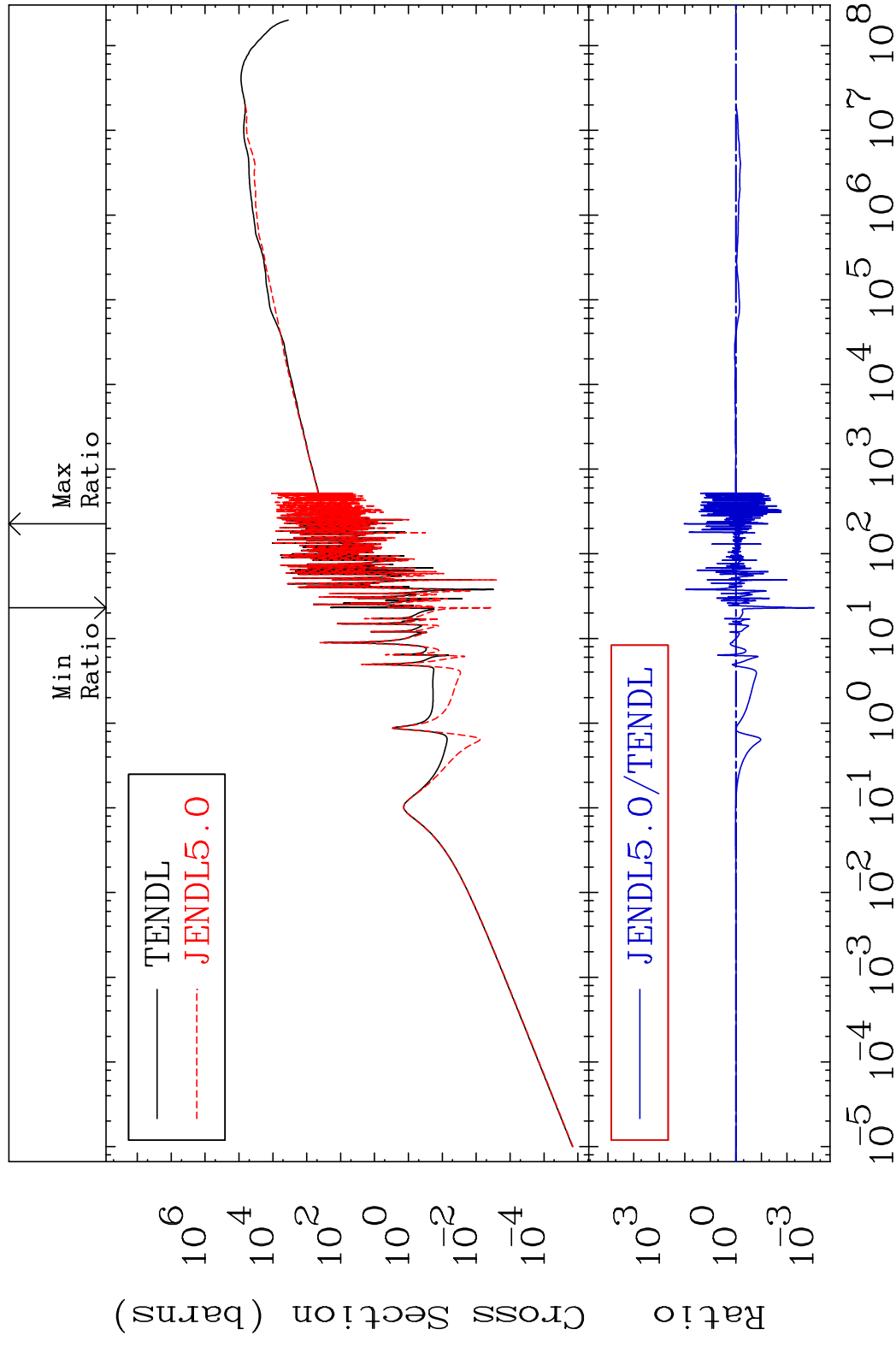


MAT 6240

Kerma elastic

62-Sm-149

Cross Section -99.91 To 9999. %

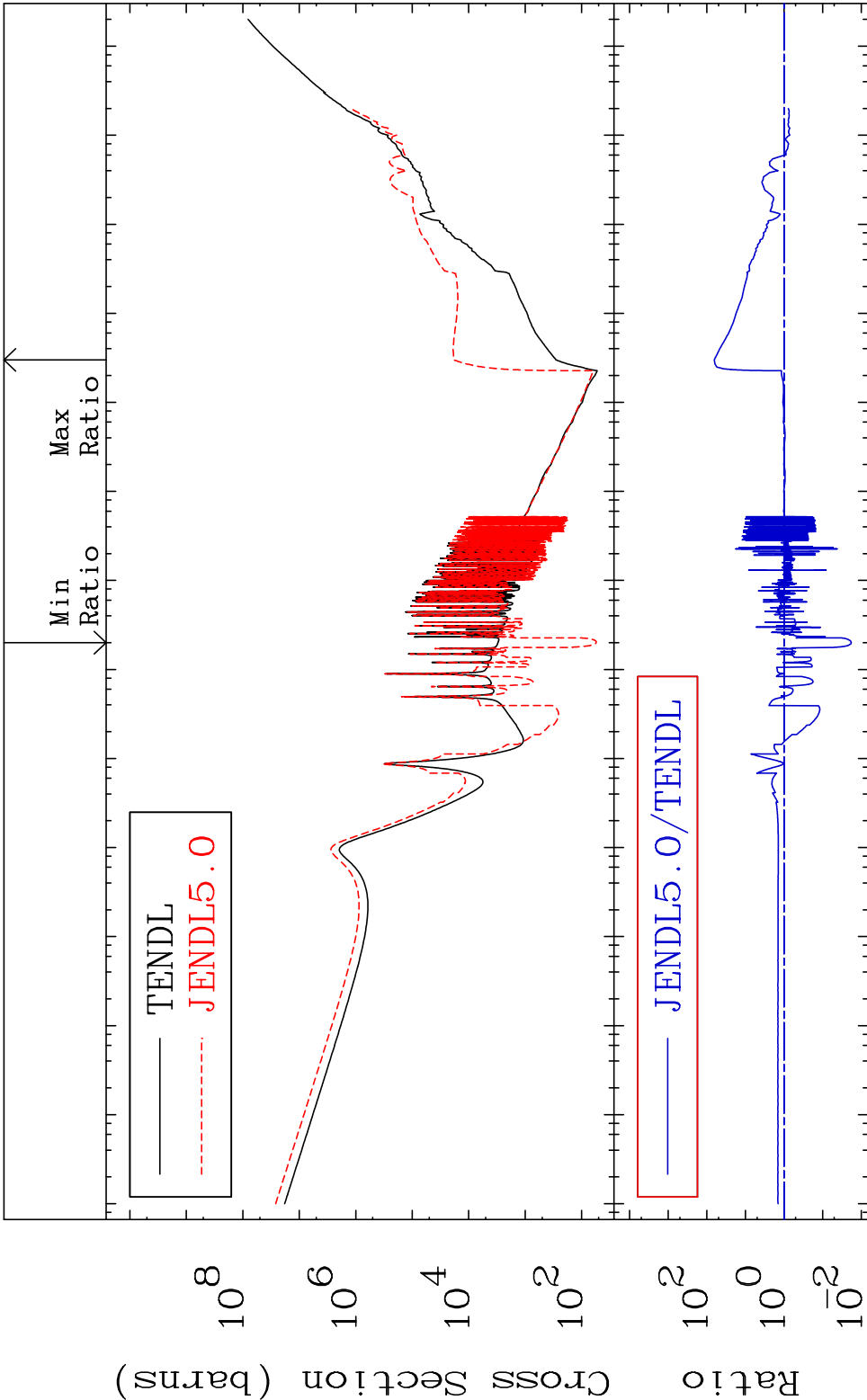


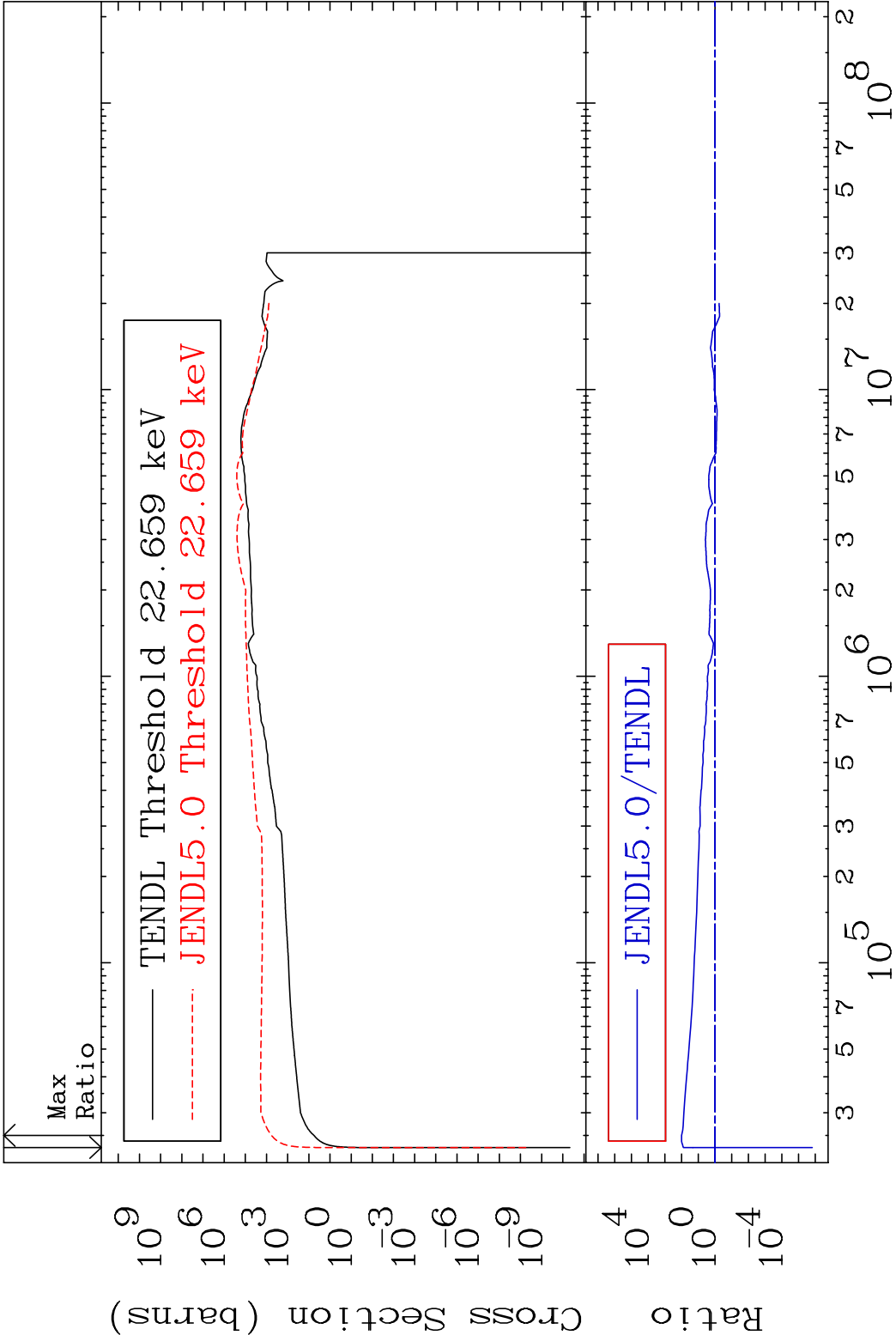
45

Incident Energy (eV)

62-Sm-149

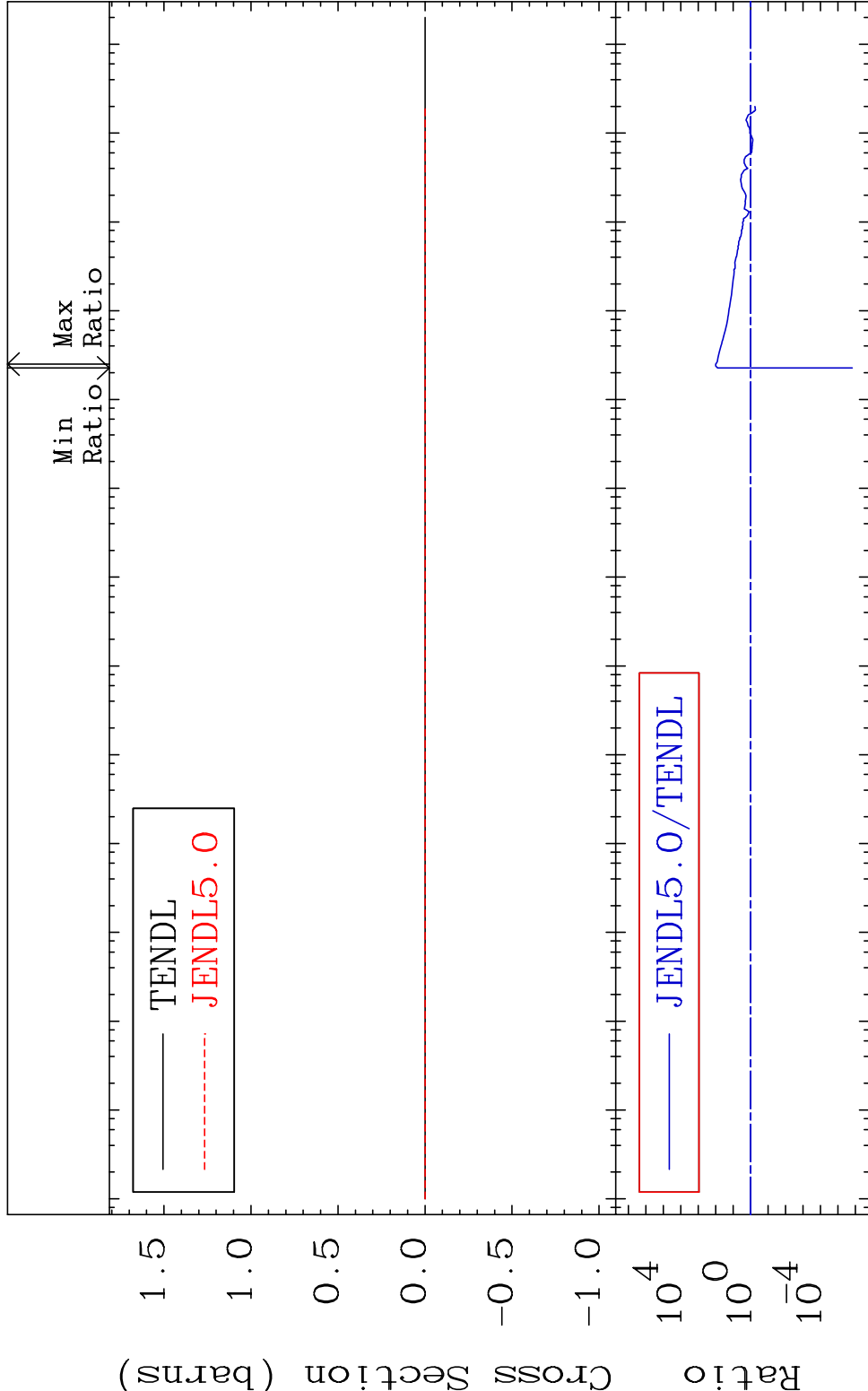
MAT 6240 Kerma non-elastic (all but mt2) 62-Sm-149
Cross Section -98.17 To 6351. %



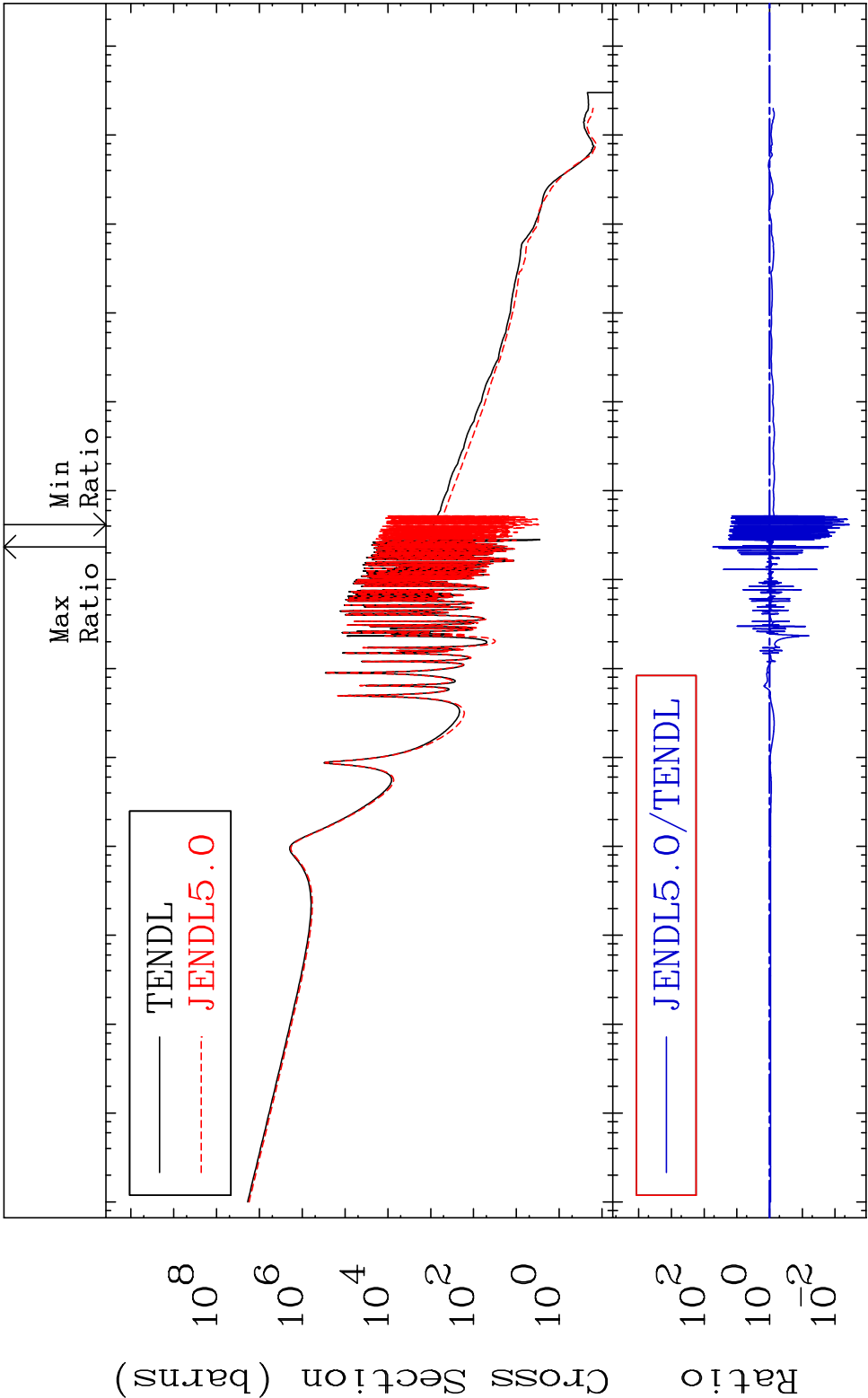


MAT 6240 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-149

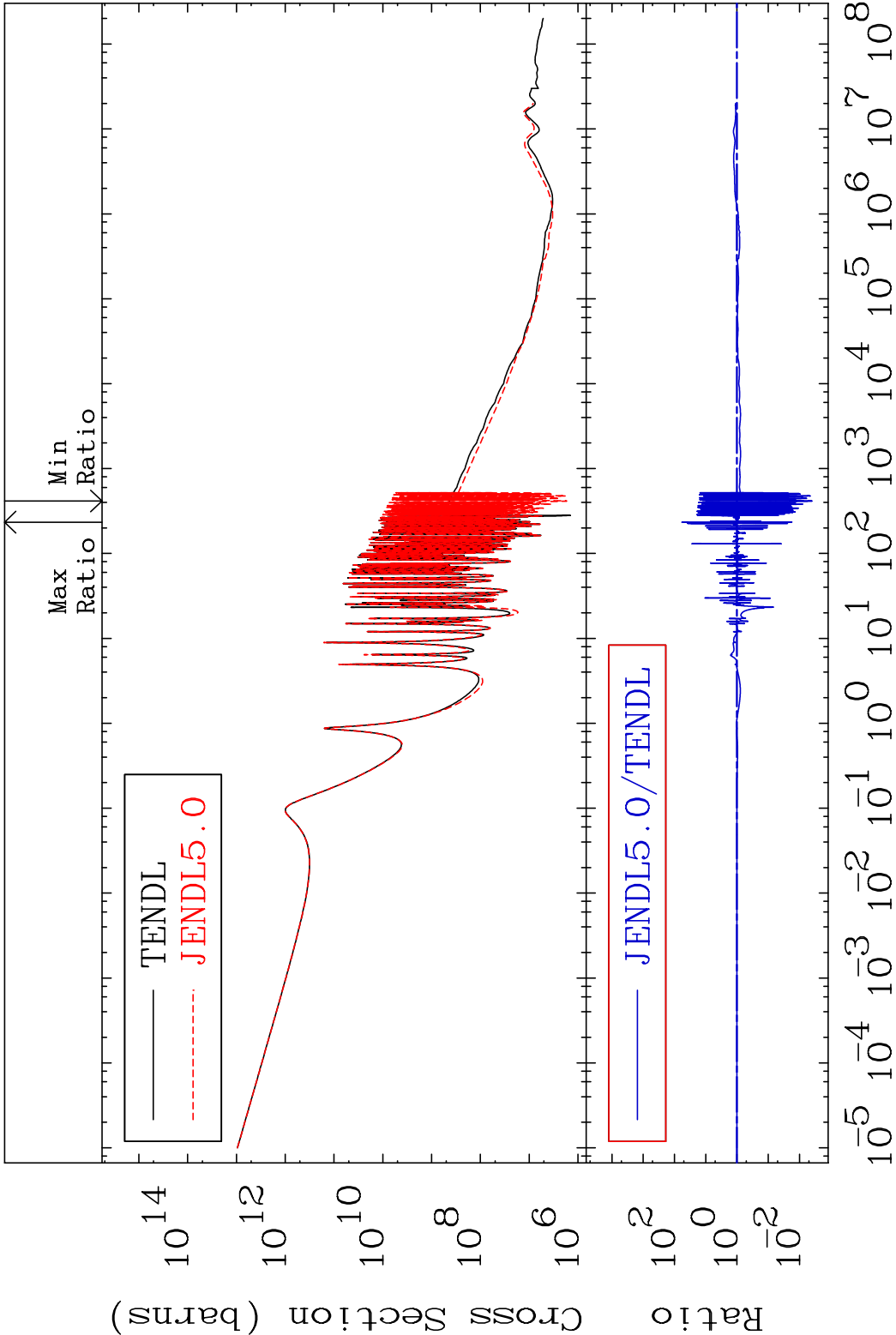
Cross Section -100.0 To 9999. %



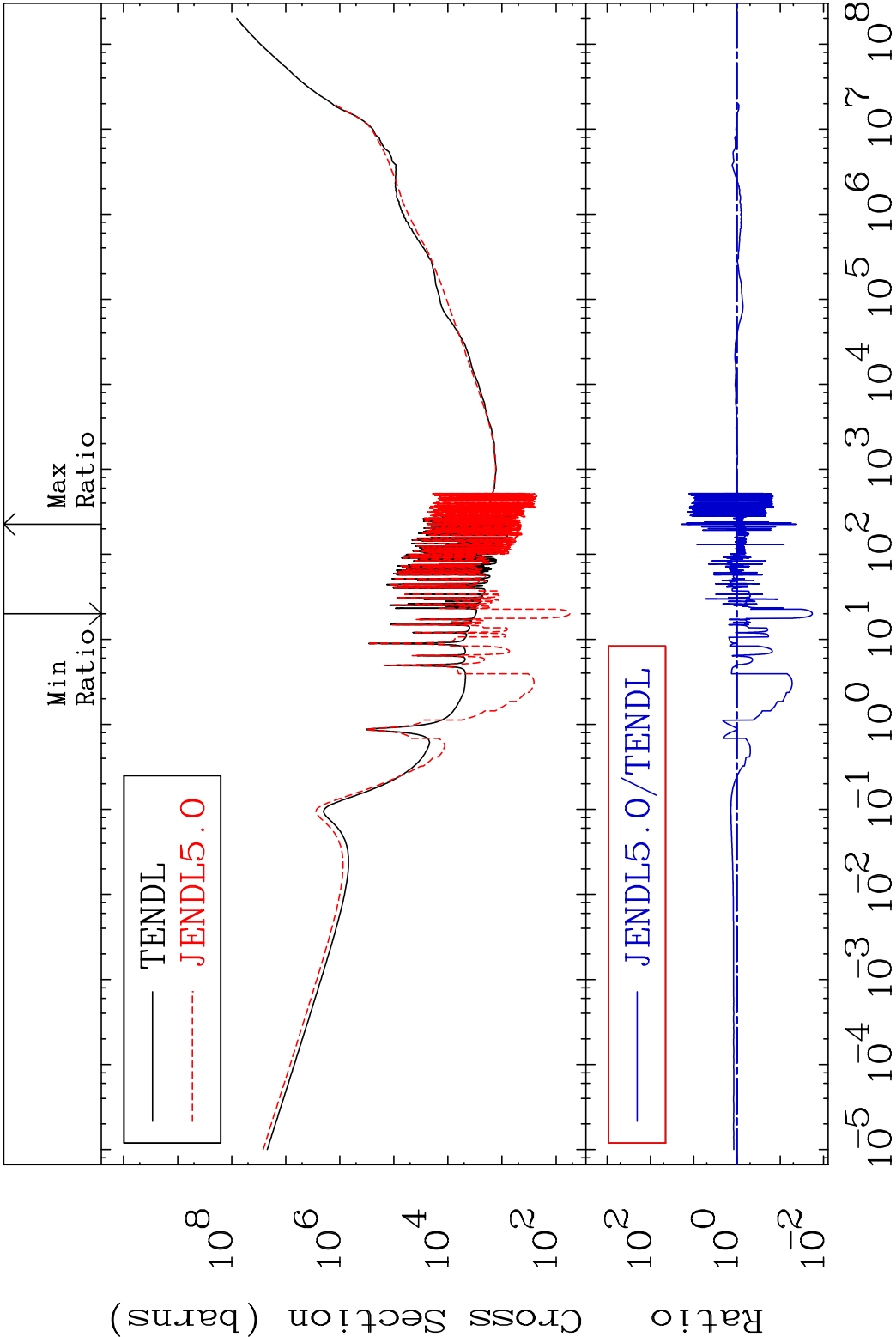
MAT 6240 Kerma capture (mt102) 62-Sm-149
 Cross Section -99.64 To 5326. %



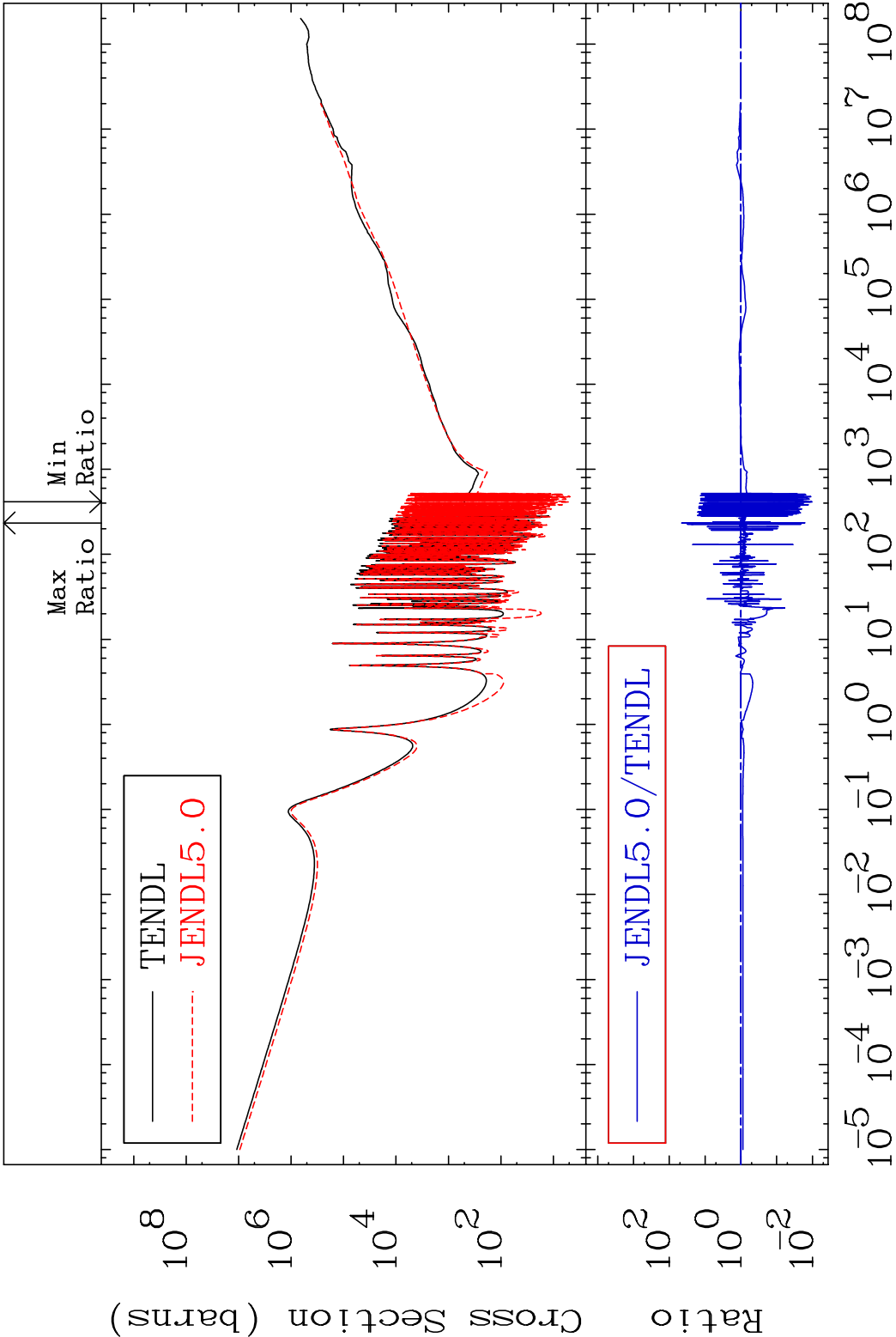
MAT 6240 Total photon (eV-barns) 62-Sm-149
Cross Section -99.61 To 5739. %

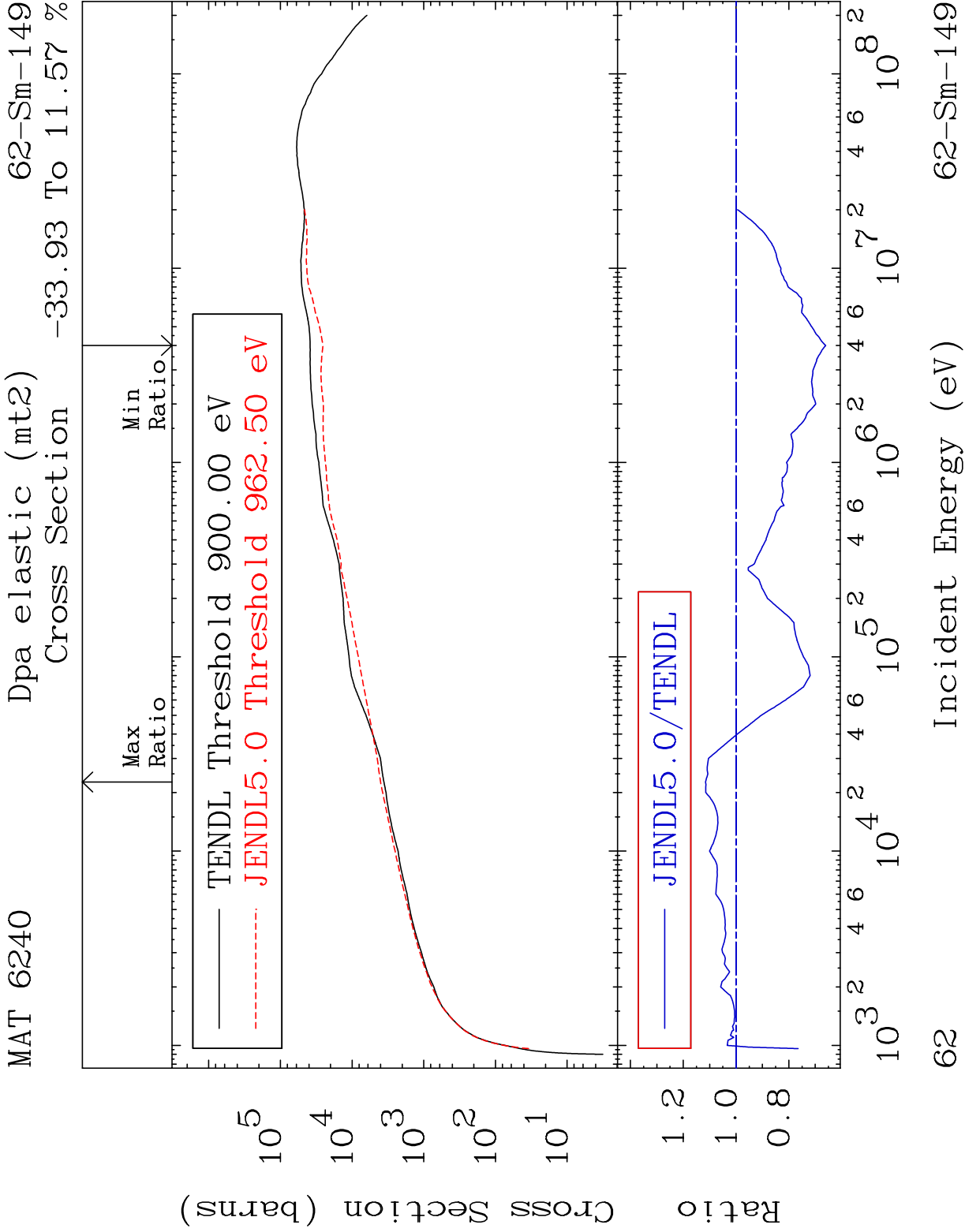


MAT 6240 Total kinematic kerma (high limit) 62-Sm-149
Cross Section -98.18 To 1807. %

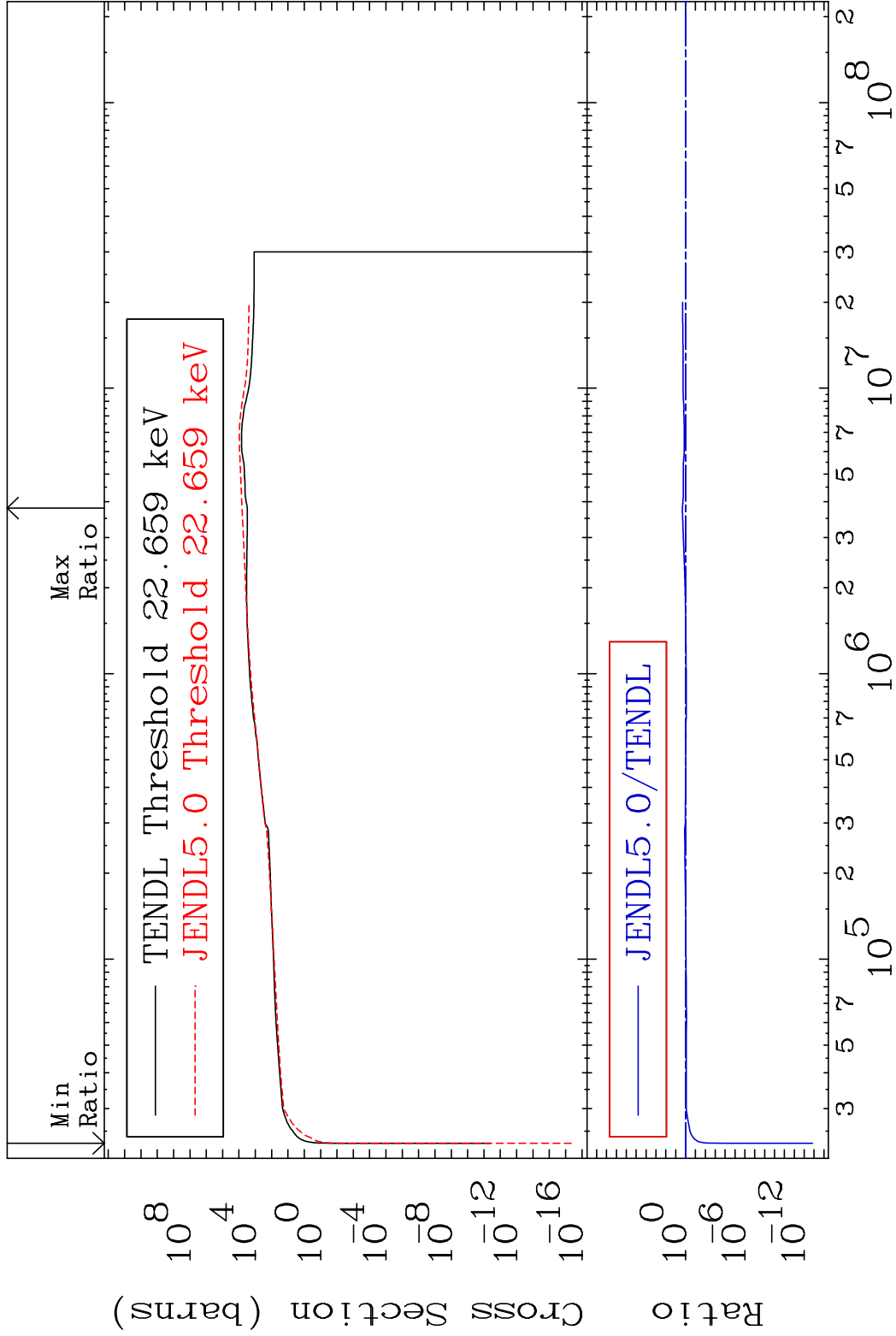


MAT 6240 Dpa total (eV-barns) 62-Sm-149
Cross Section -98.99 To 4447. %

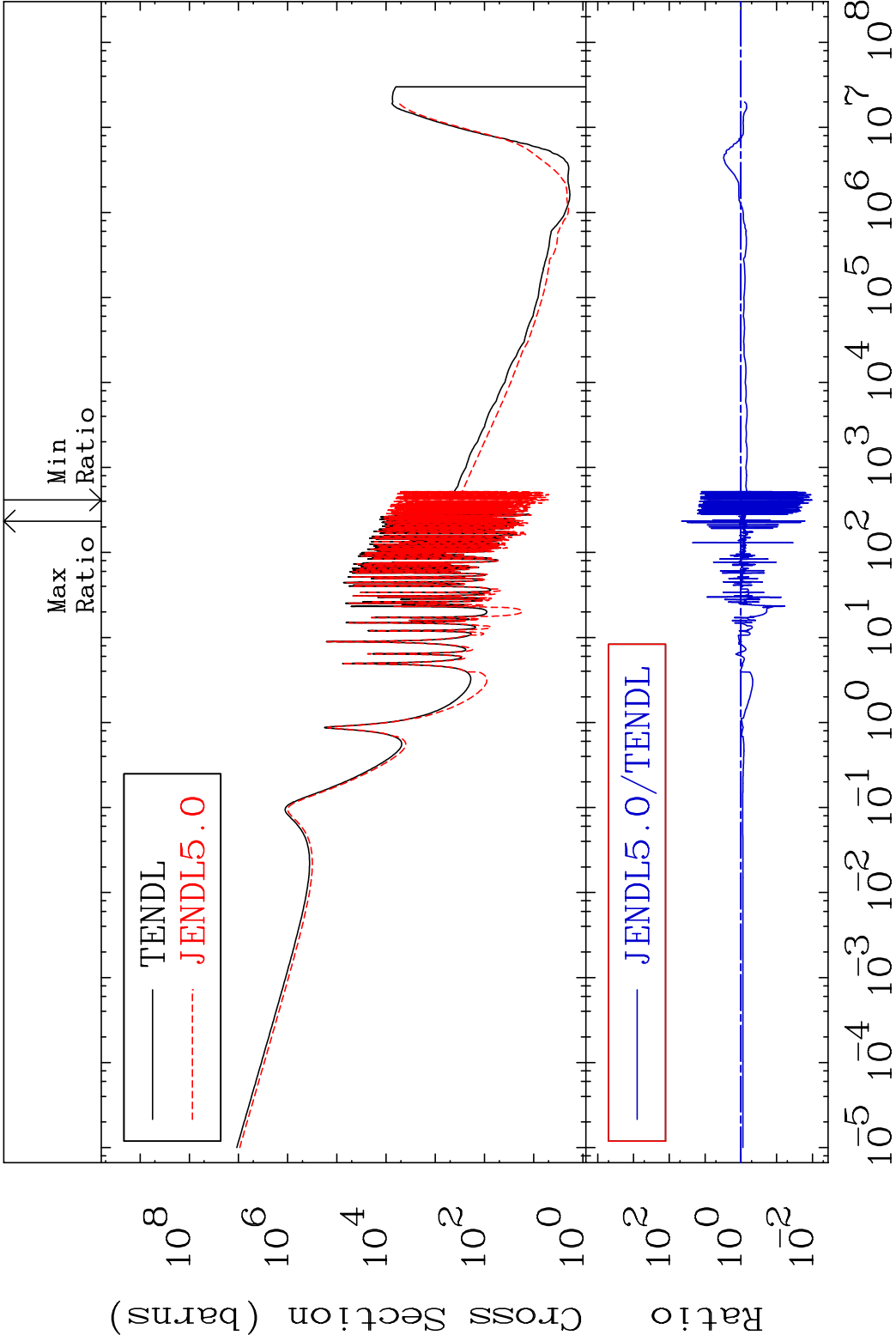




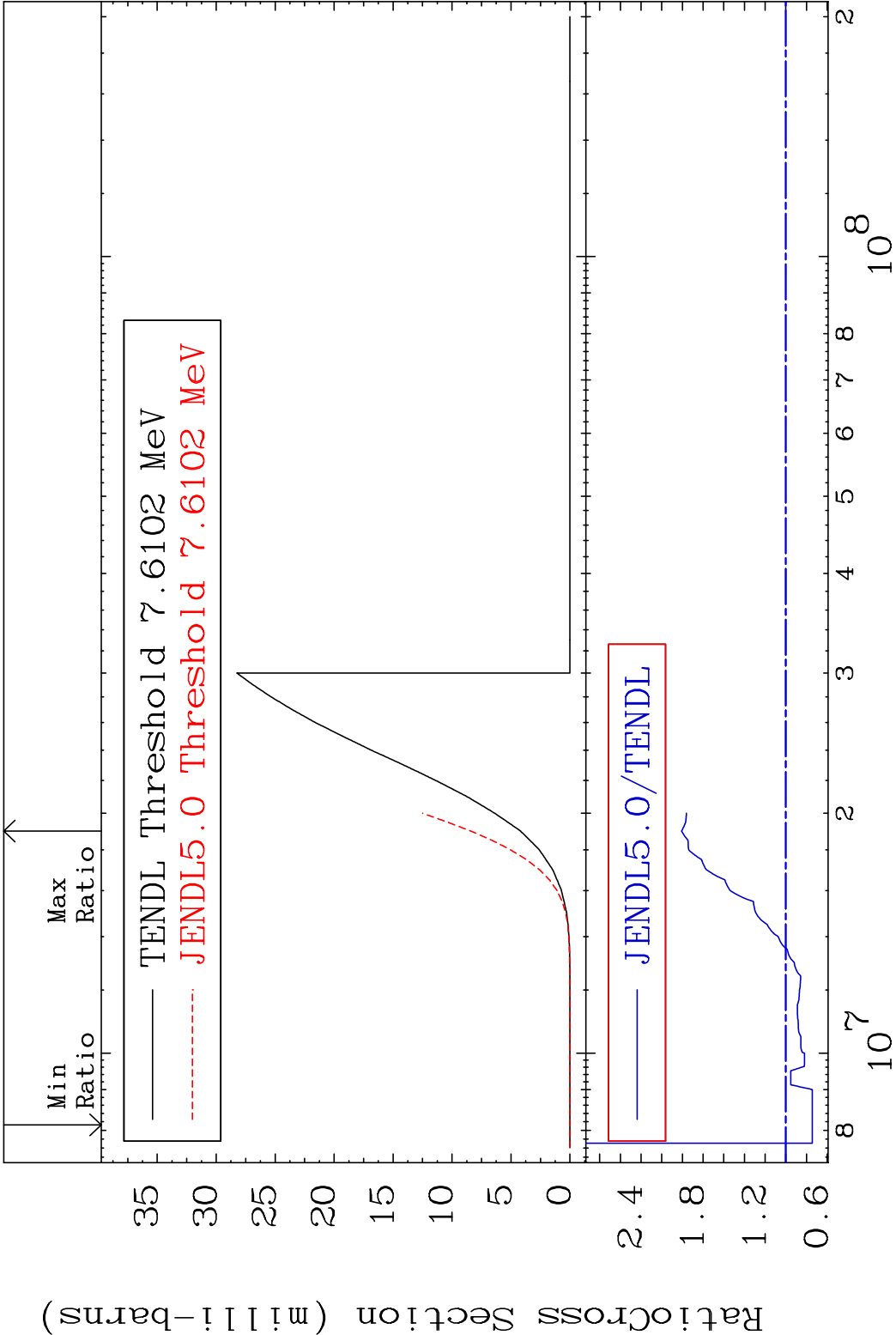
MAT 6240 Dpa inelastic (mt51-91) 62-Sm-149
Cross Section -100.0 To 111.9 %

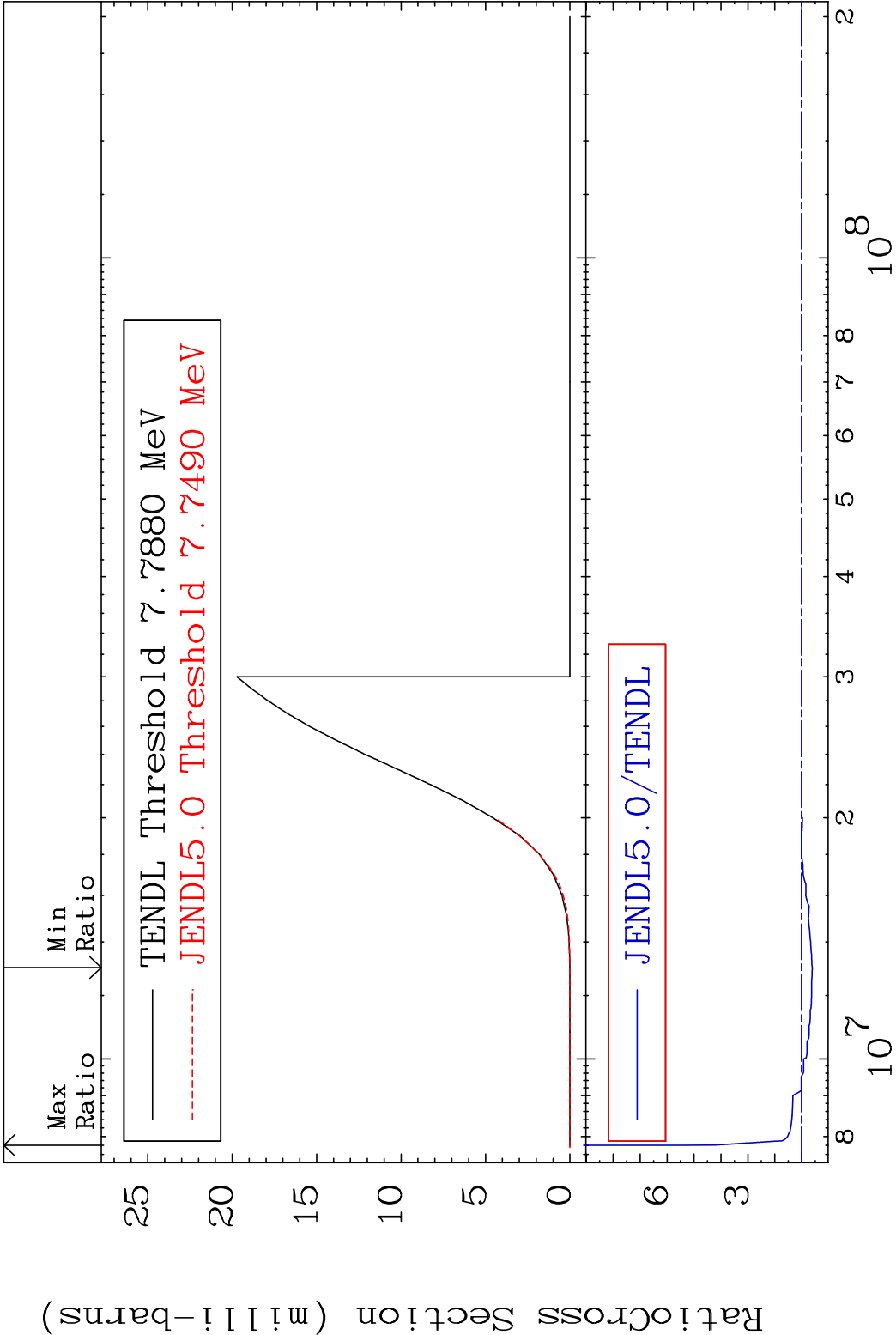


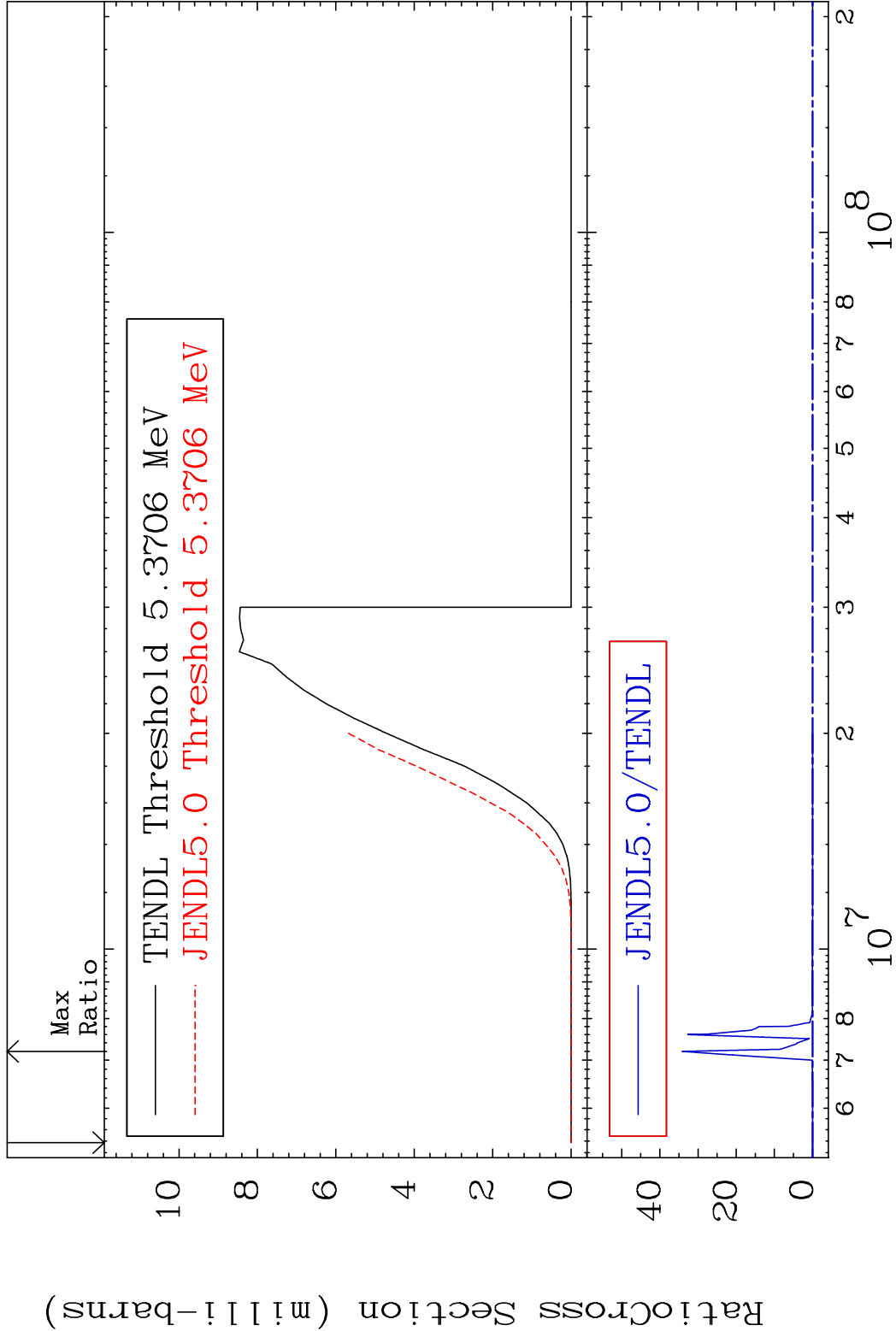
MAT 6240 Dpa disappearance (mt102 -120) 62-Sm-149
Cross Section -98.99 To 4447. %



64 Incident Energy (eV) 62-Sm-149







Radionuclide Production Cross Section to 9999. %

