

Program Complot
(Version 2021-1)

by

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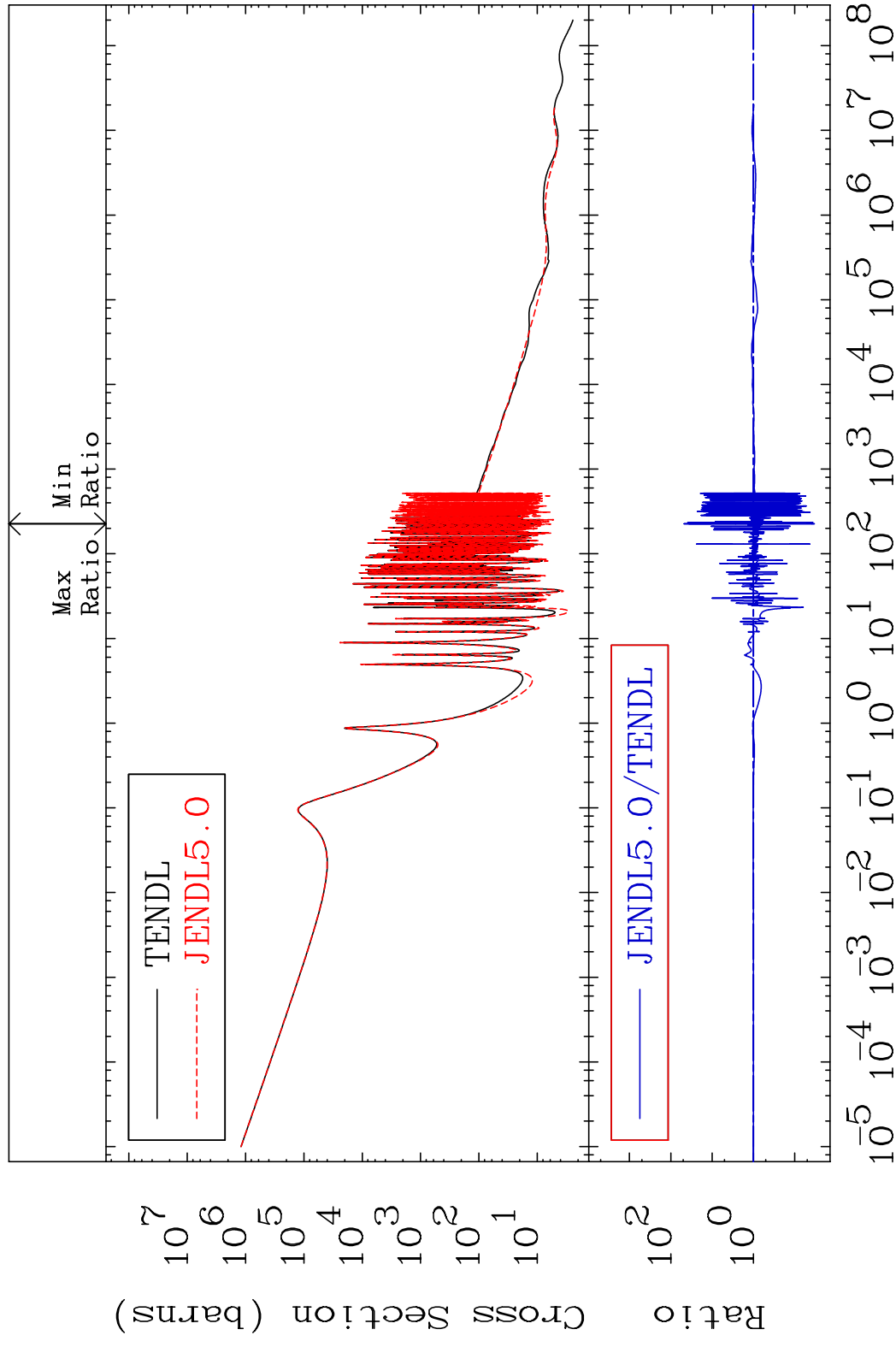
Press Mouse Button to Start

MAT 6240

Total

62-Sm-149

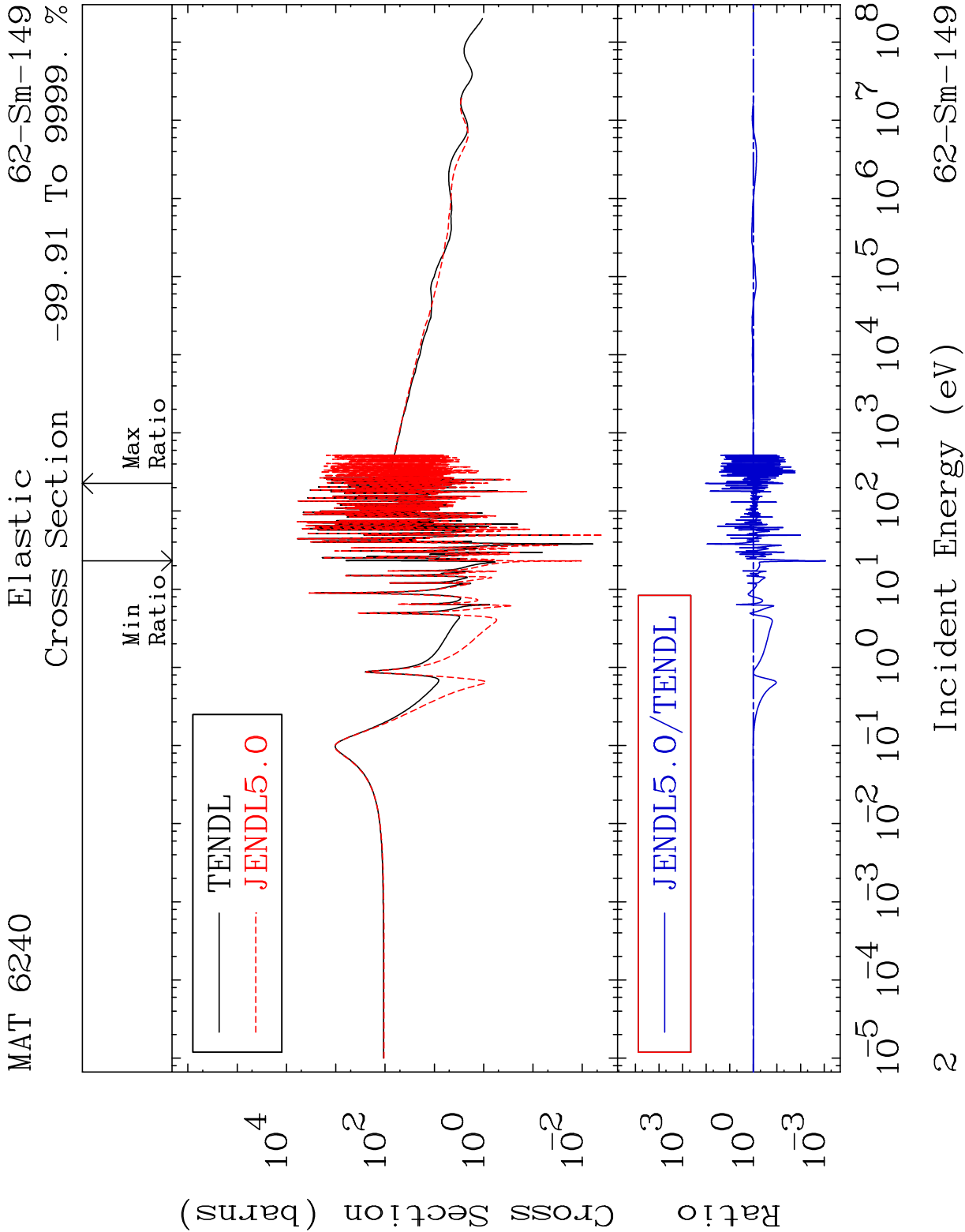
Cross Section -96.64 To 4670. %

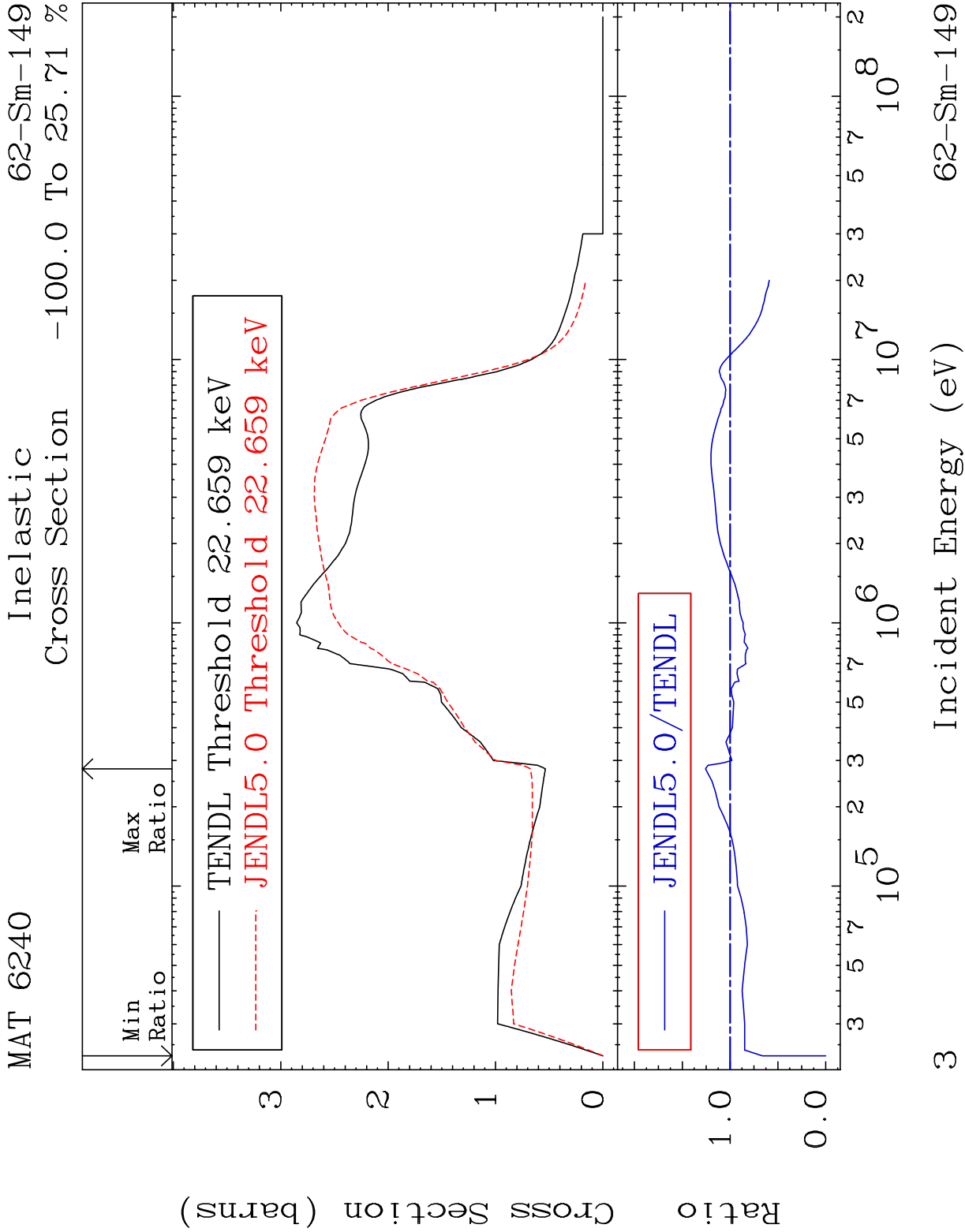


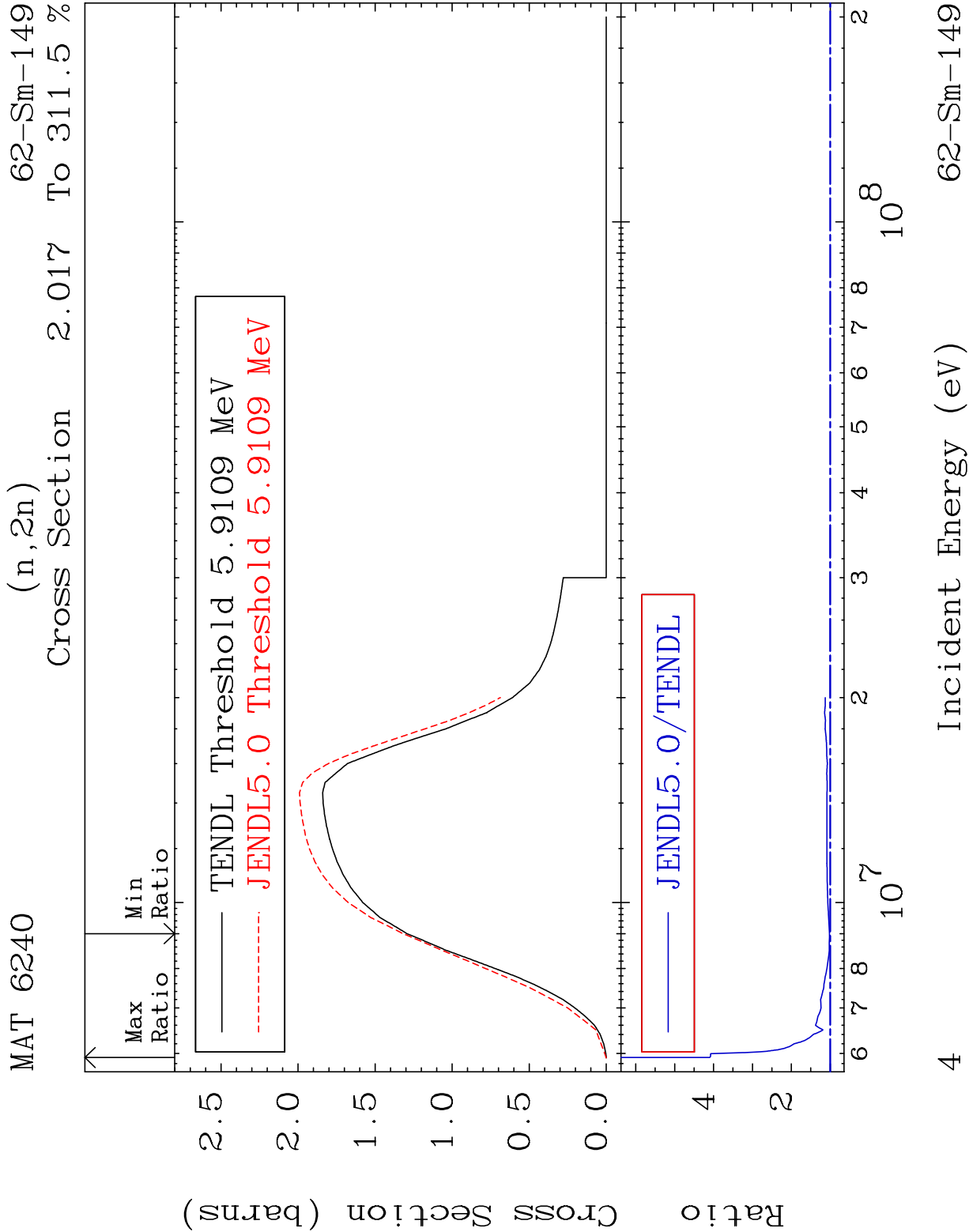
1

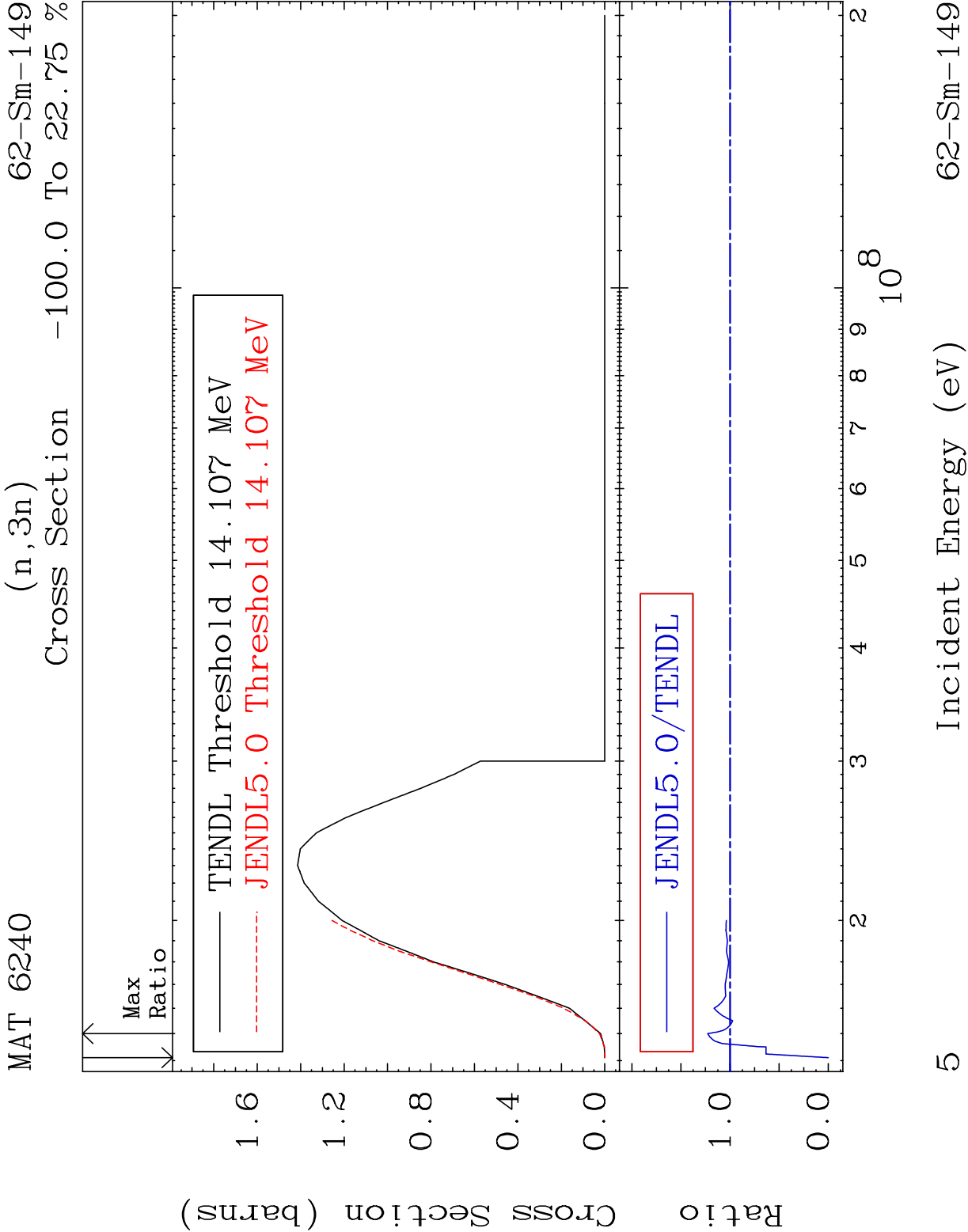
Incident Energy (eV)

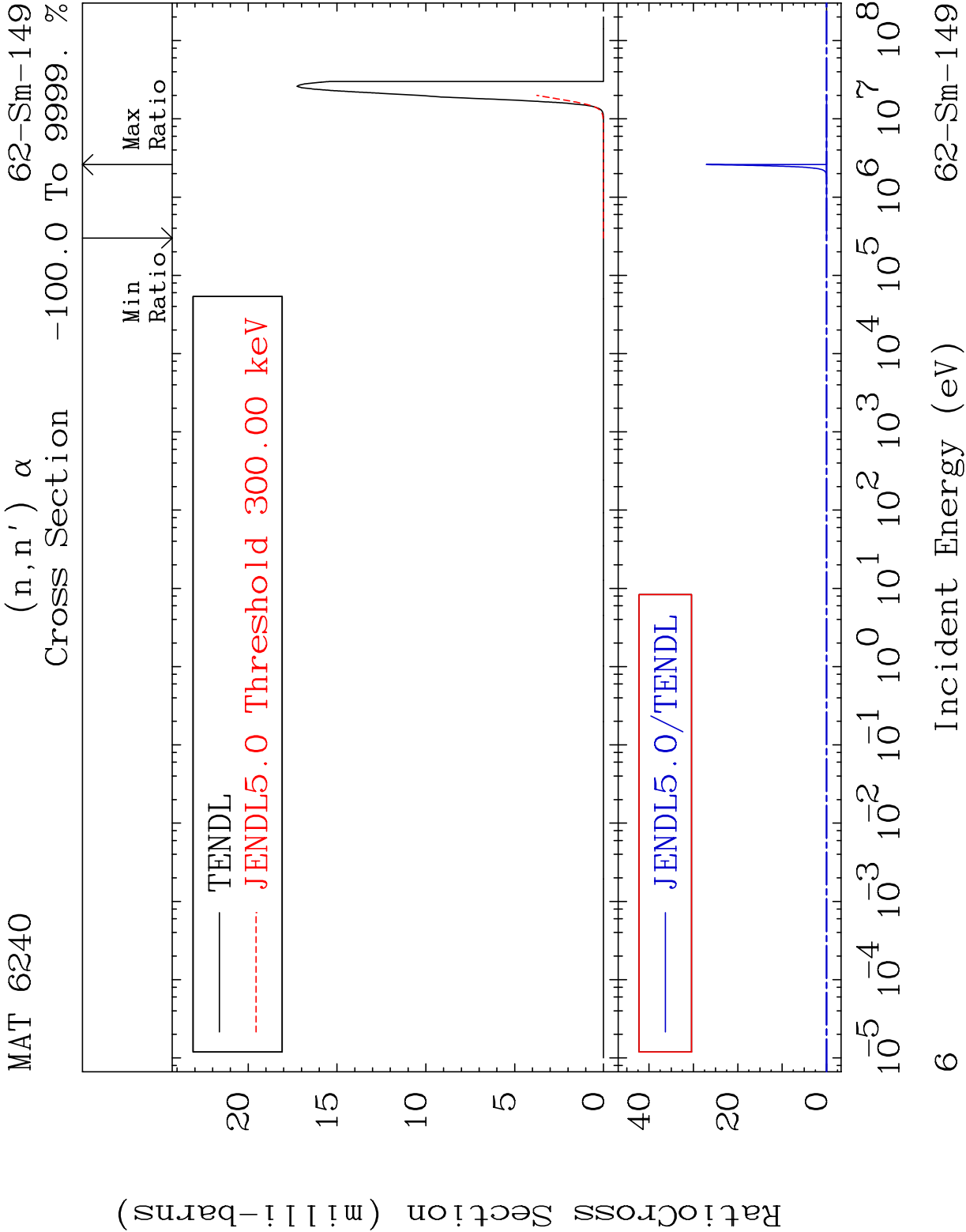
62-Sm-149

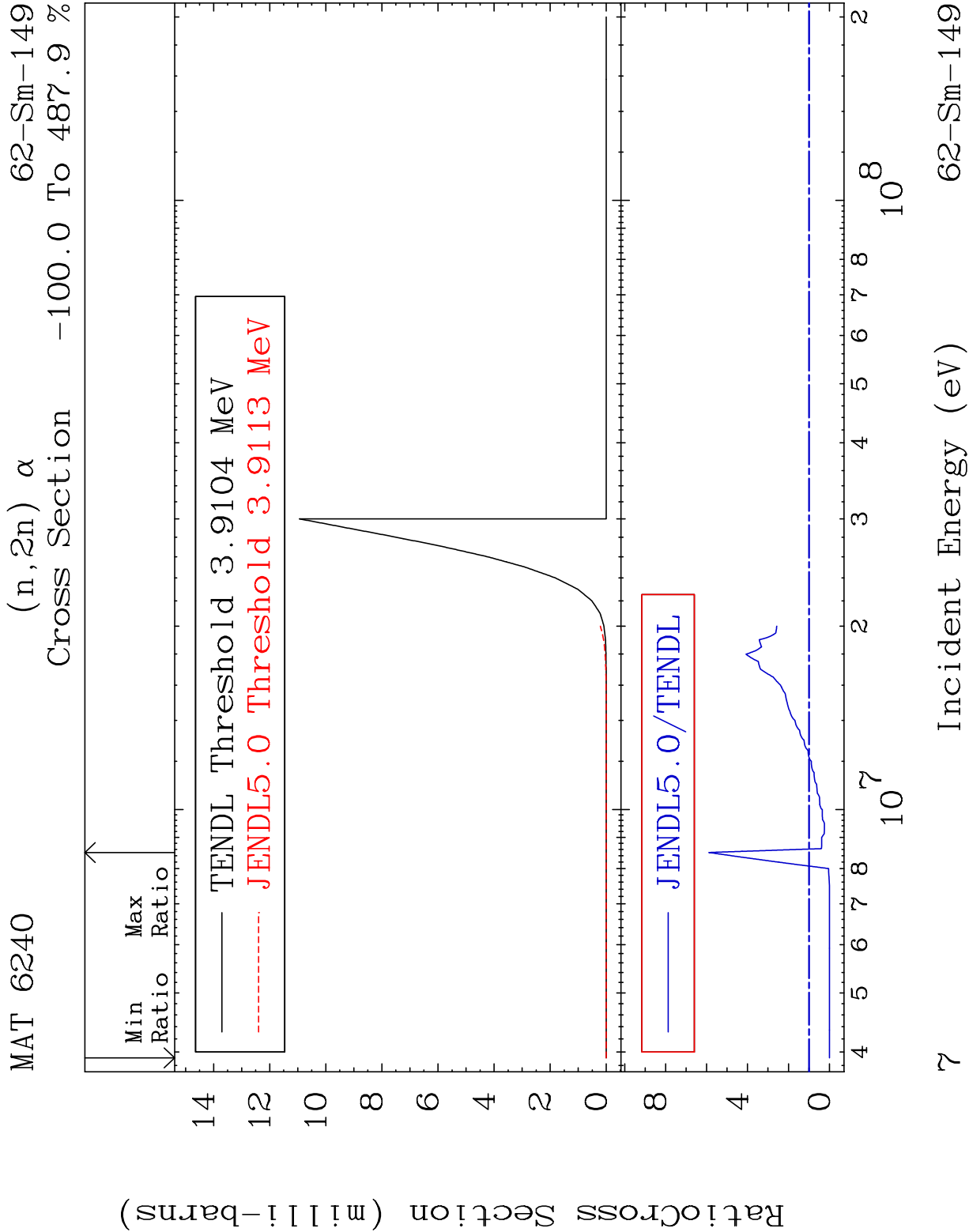


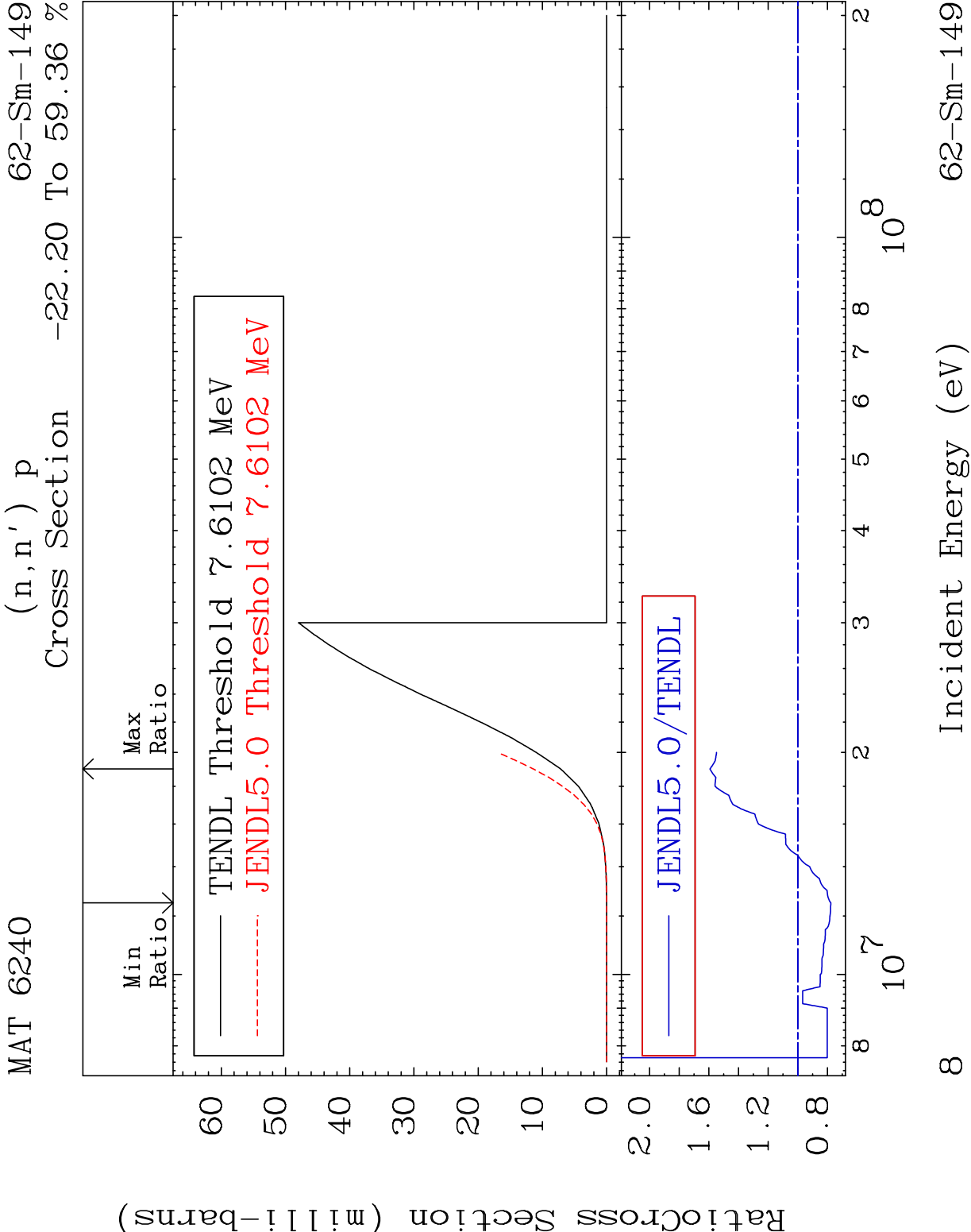


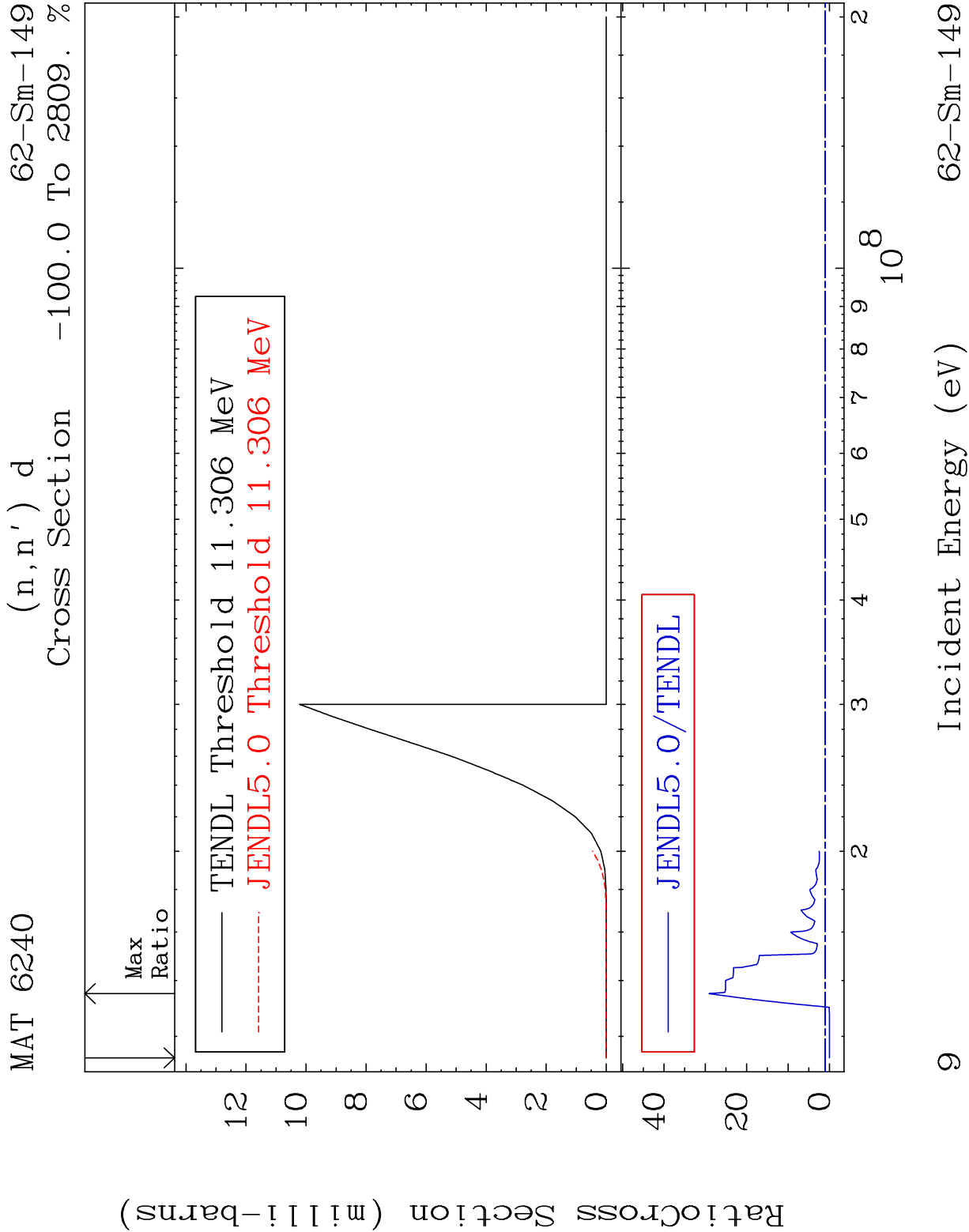


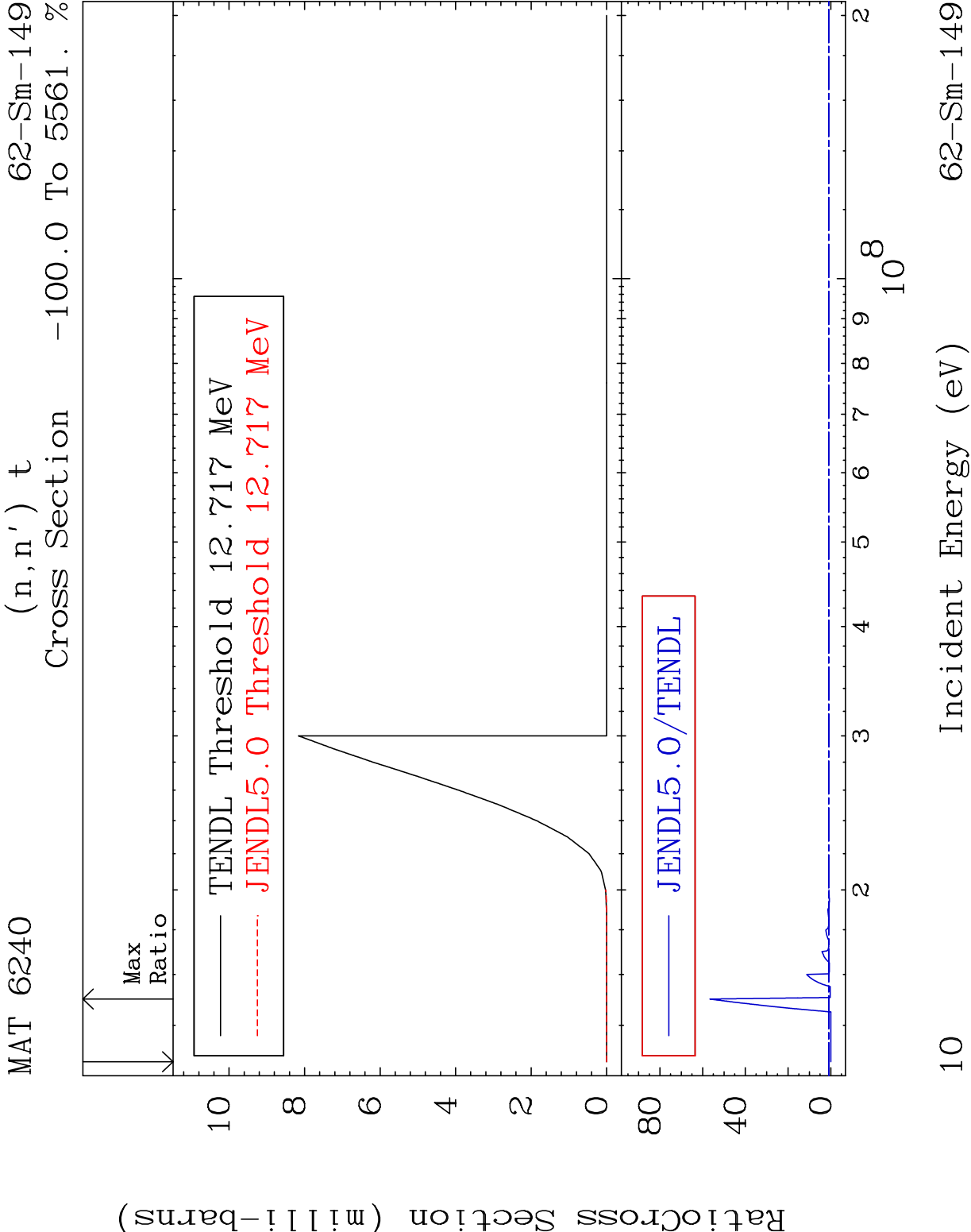


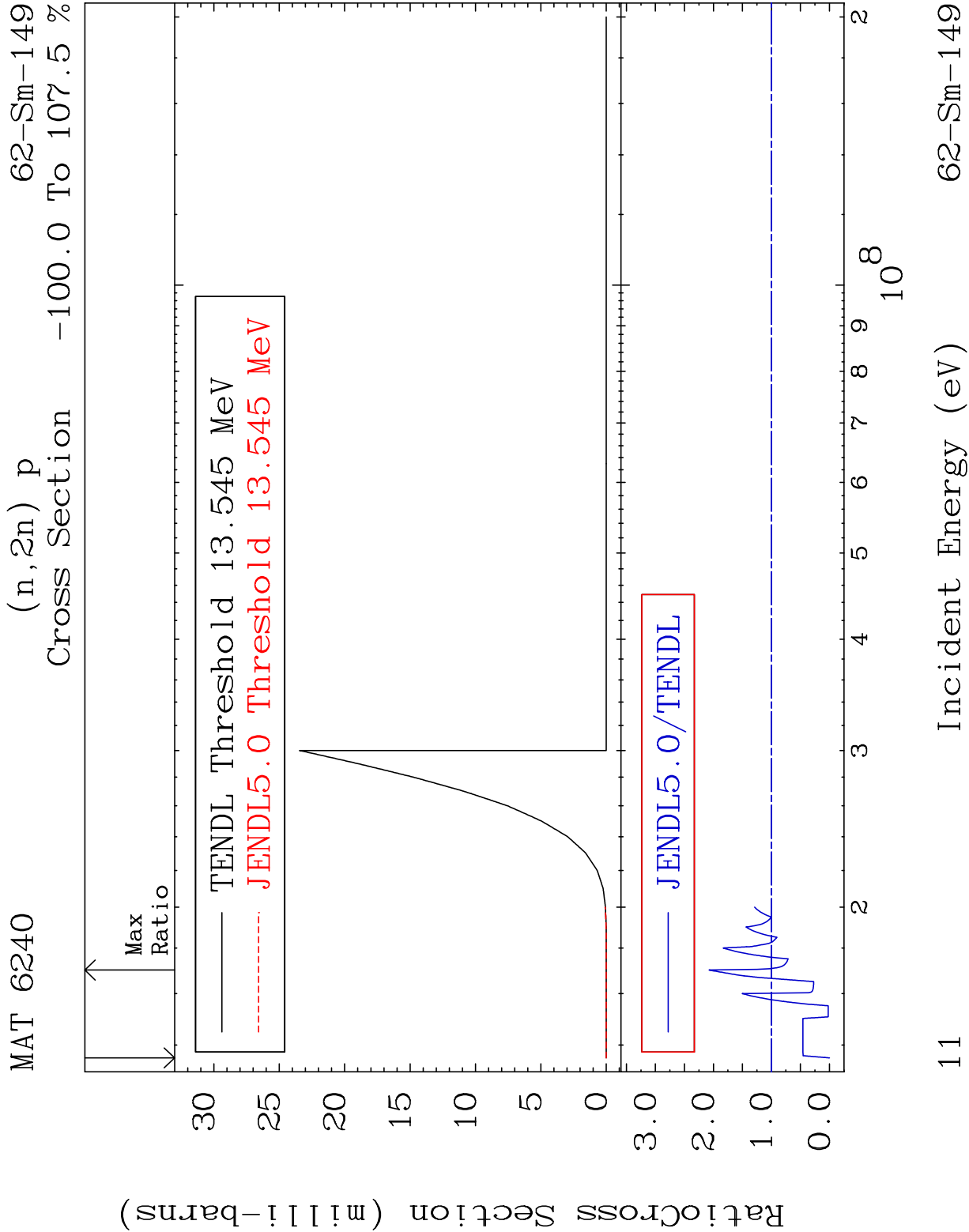




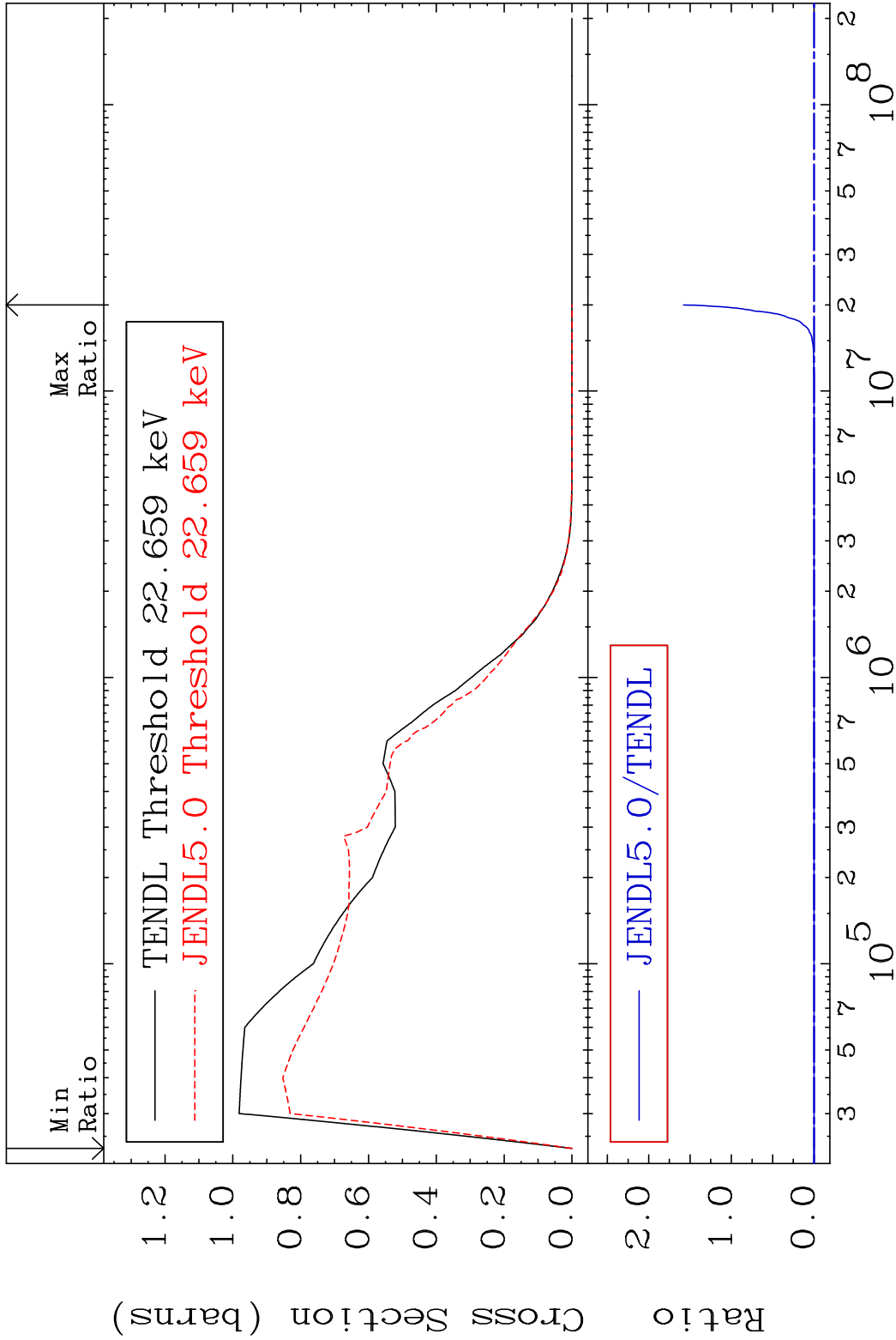


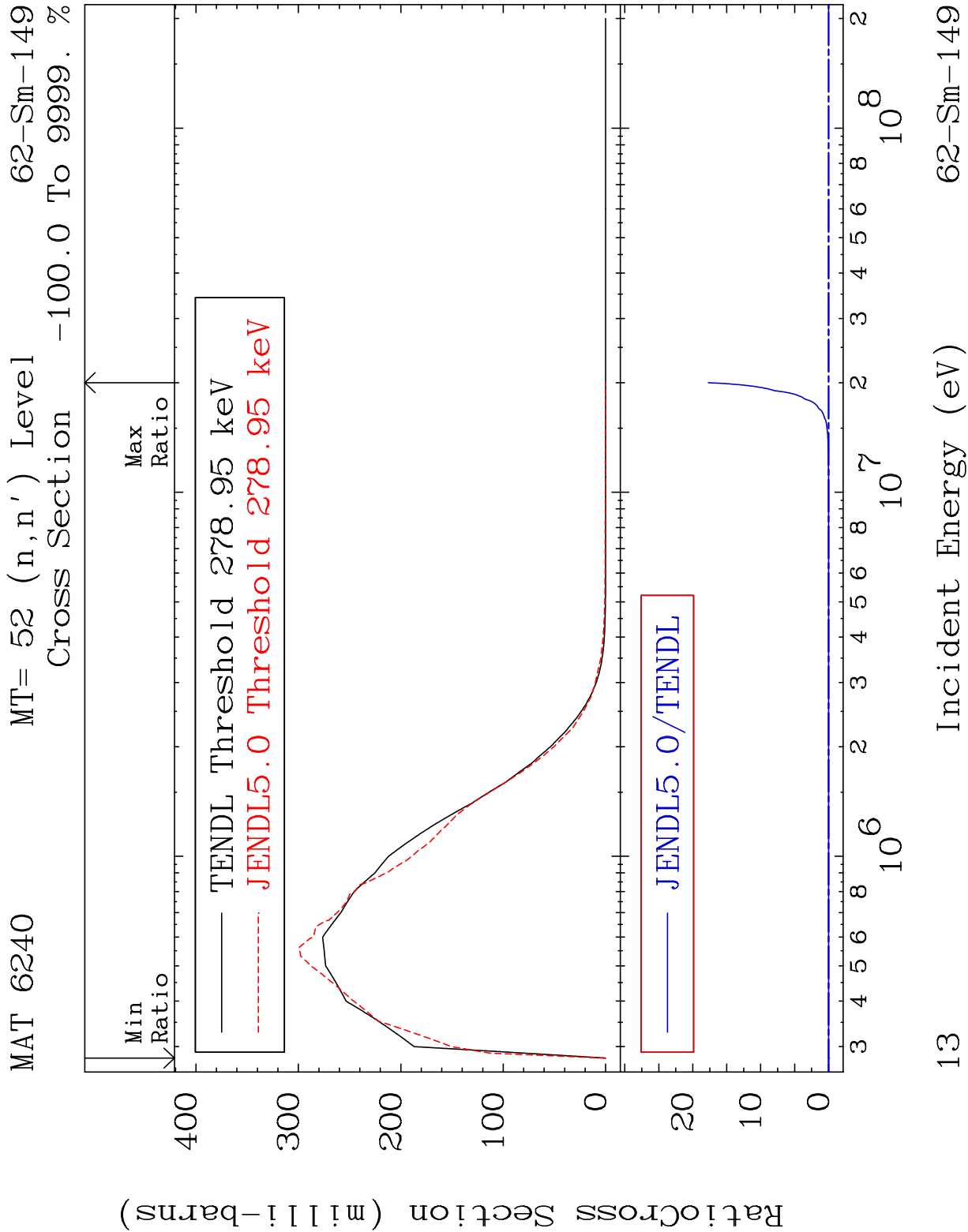


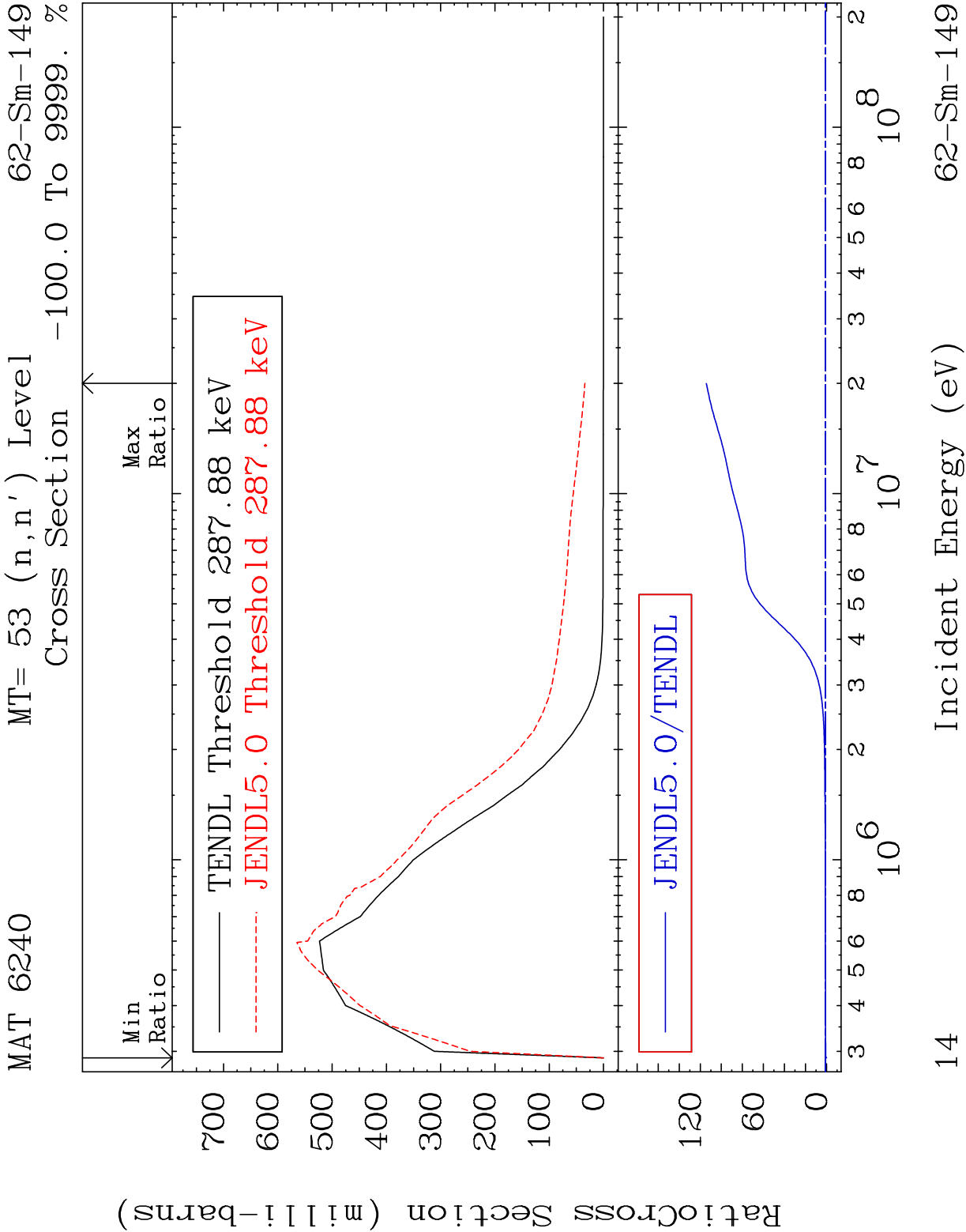


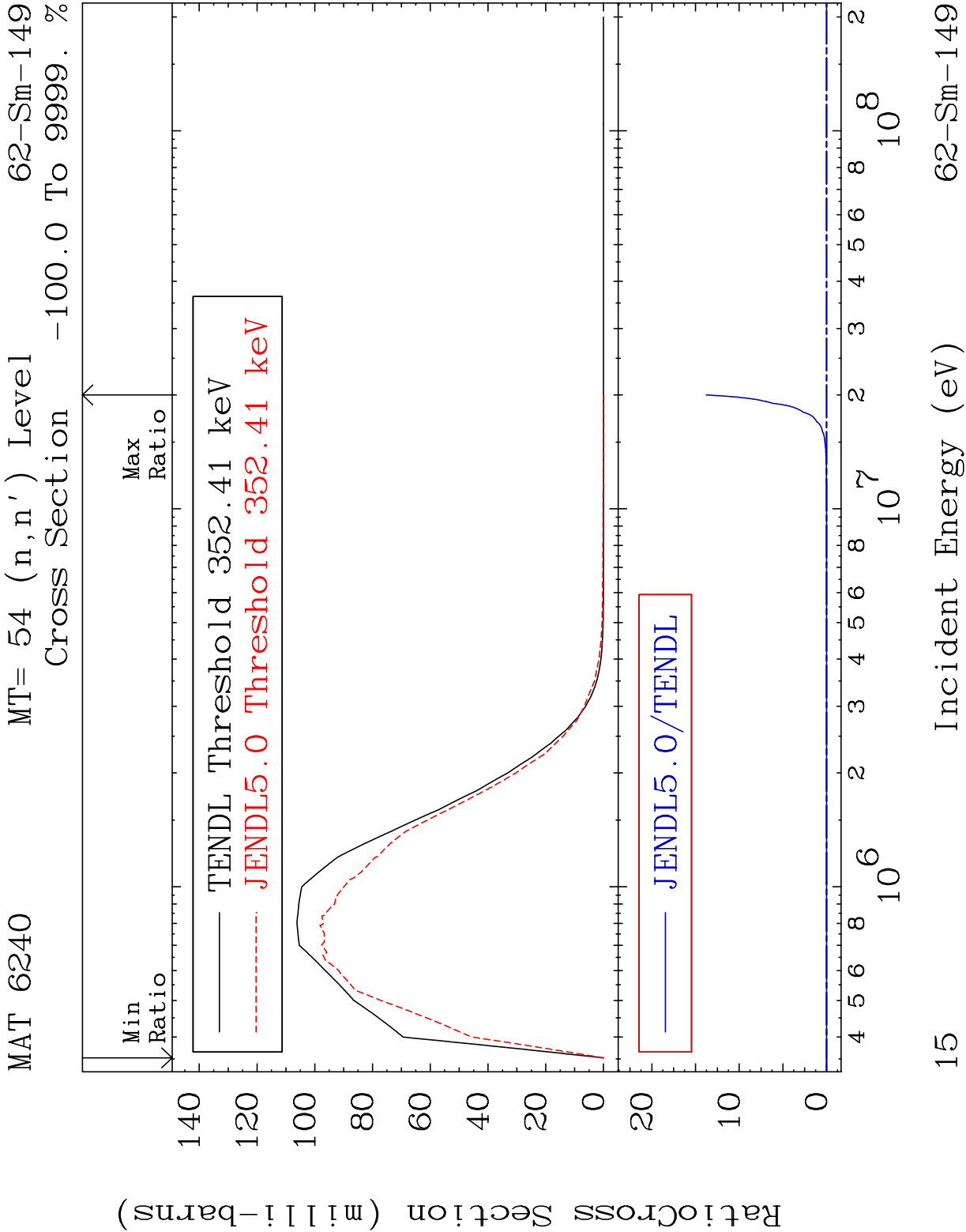


MAT 6240 MT= 51 (n,n') Level 62-Sm-149
Cross Section -100.0 To 9999. %



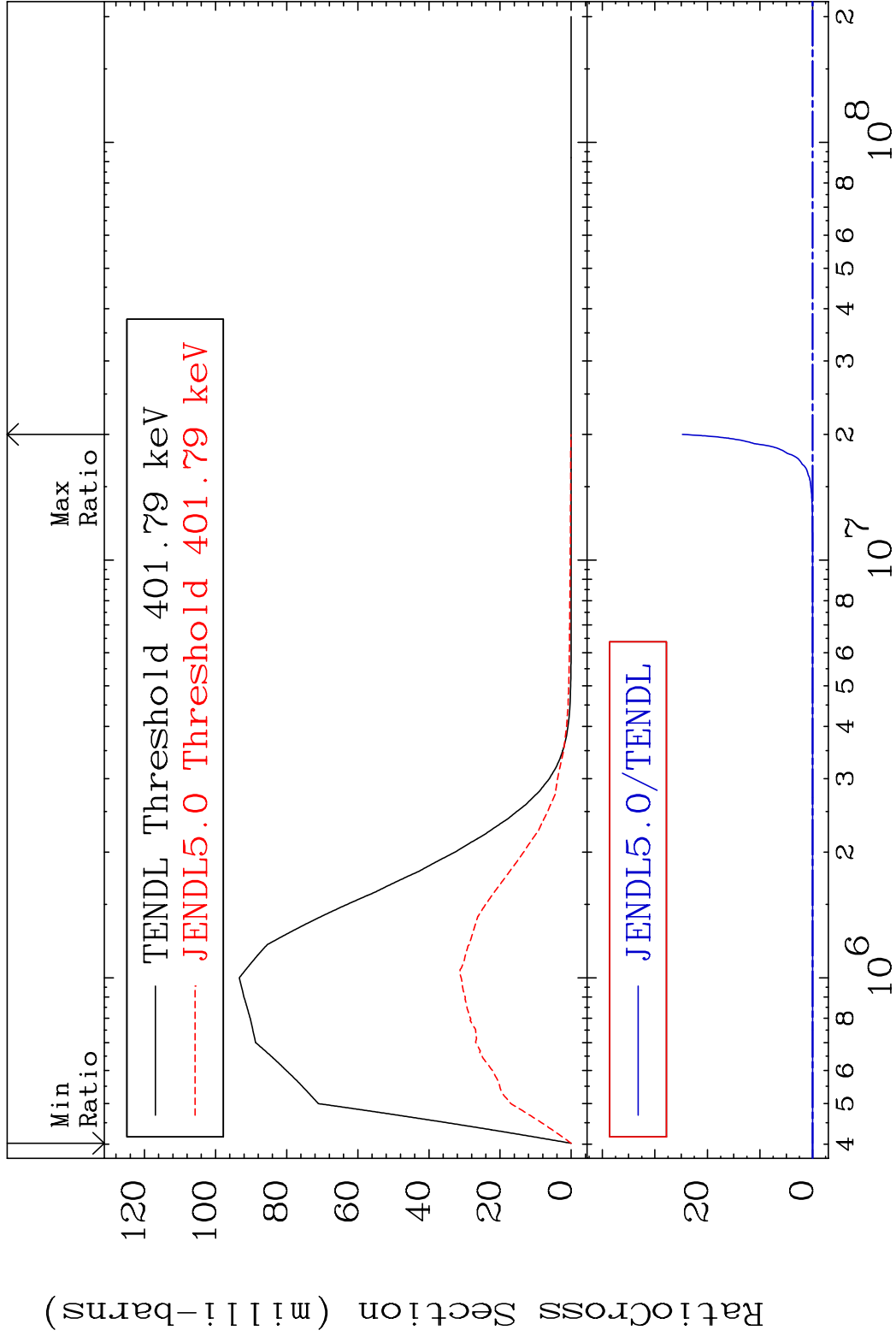




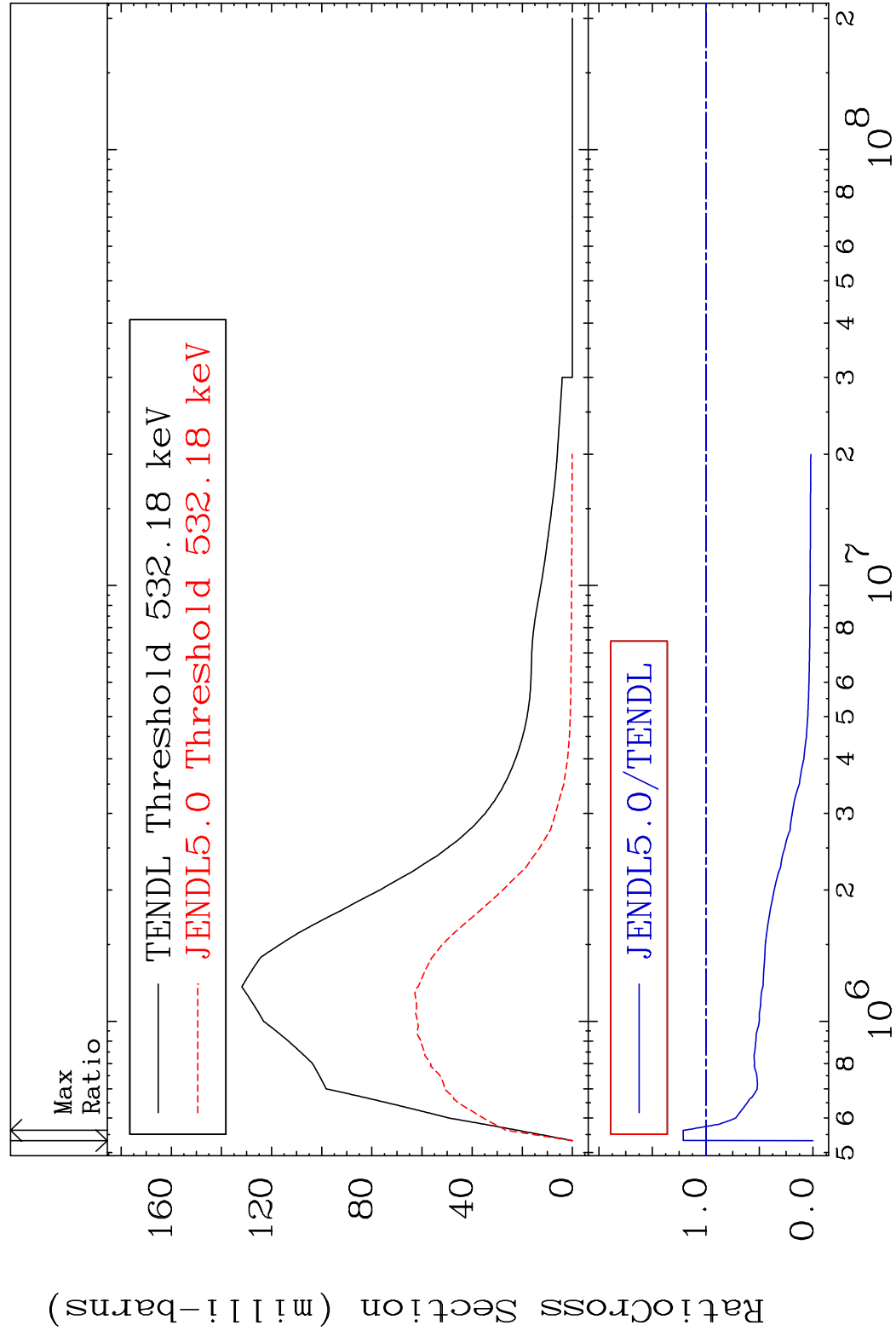


MAT 6240 MT= 55 (n,n') Level 62-Sm-149

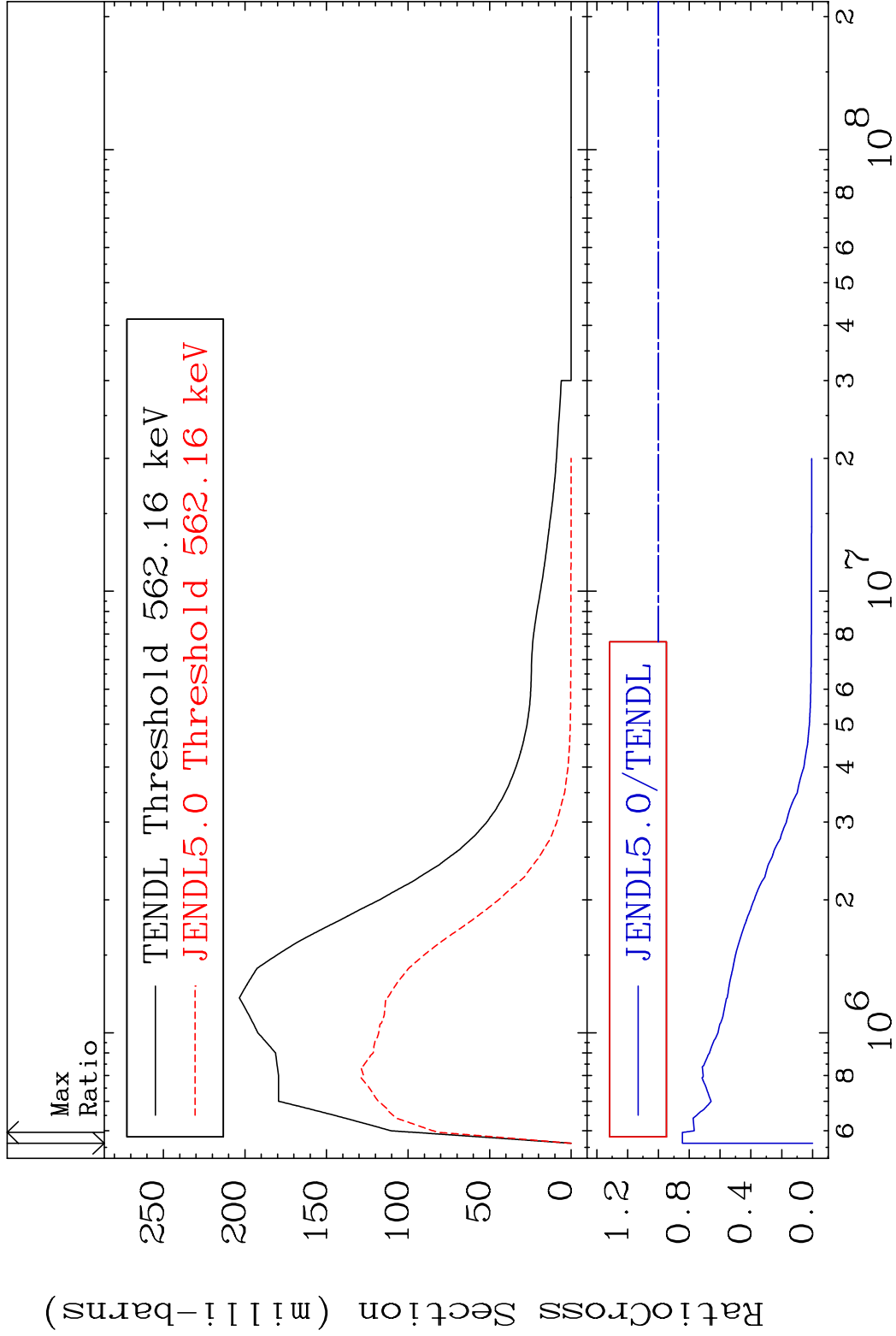
Cross Section -100.0 To 9999. %



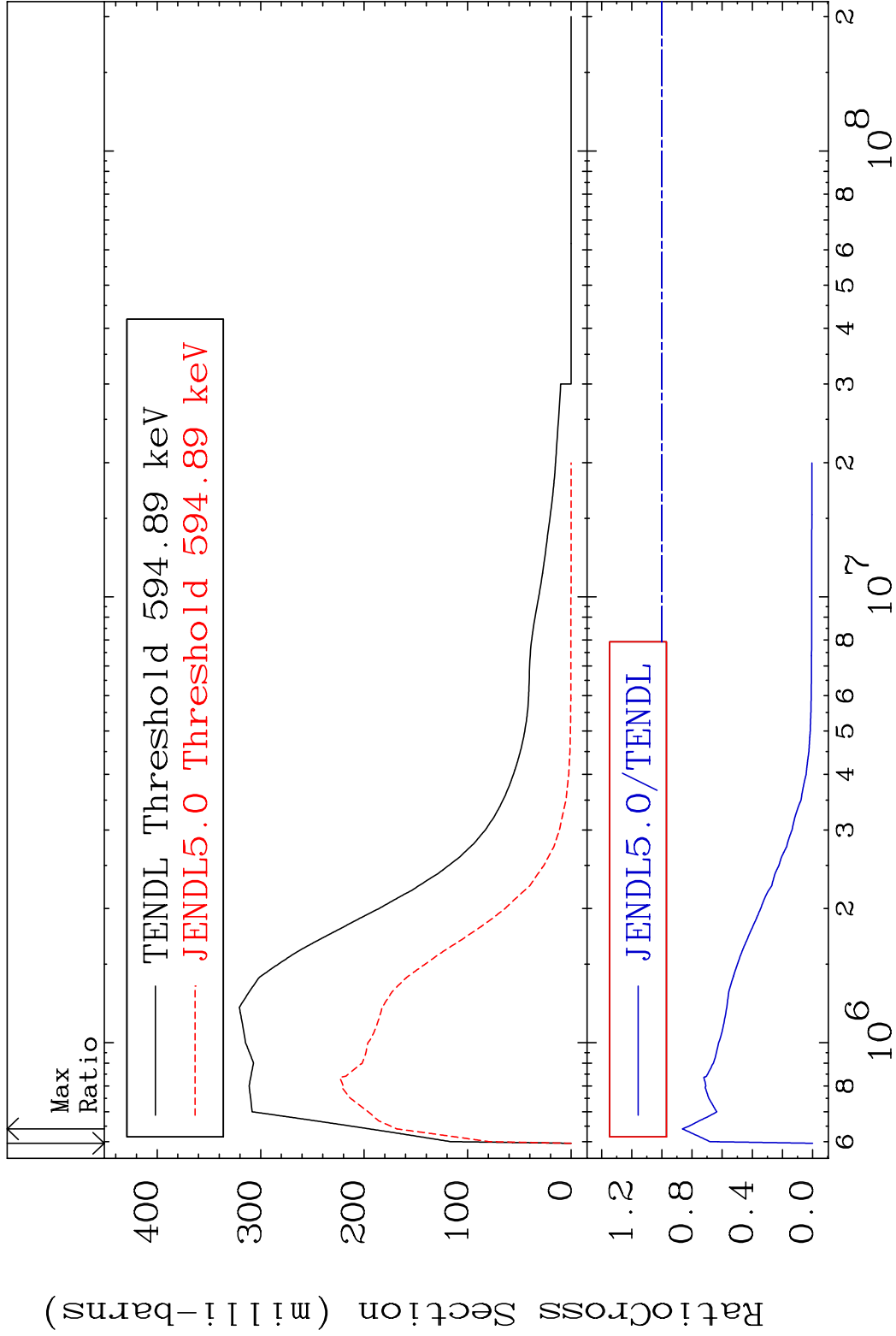
MAT 6240 MT= 56 (n,n') Level 62-Sm-149
 Cross Section -100.0 To 21.24 %



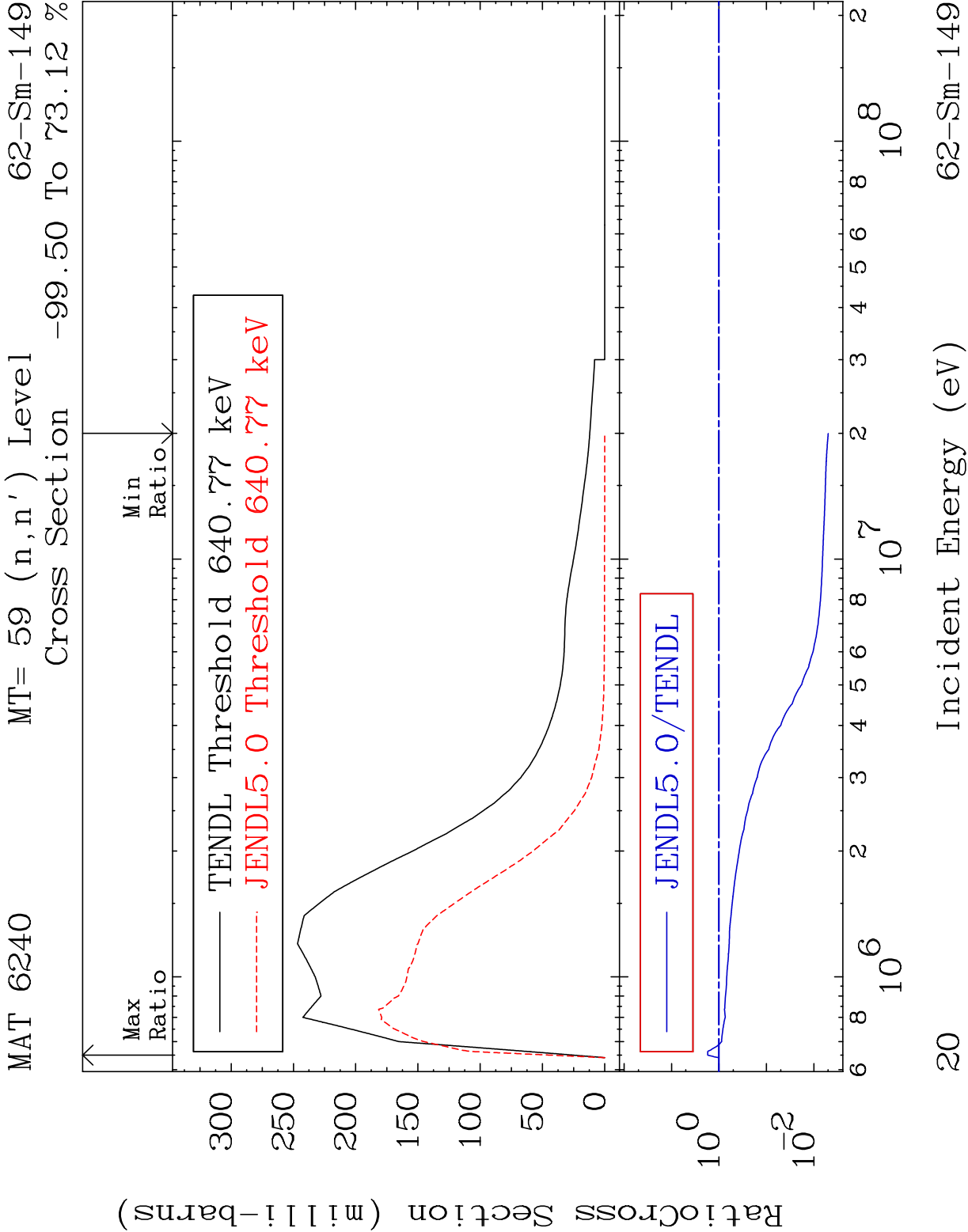
MAT 6240 MT= 57 (n,n') Level 62-Sm-149
Cross Section -100.0 To -15.51%

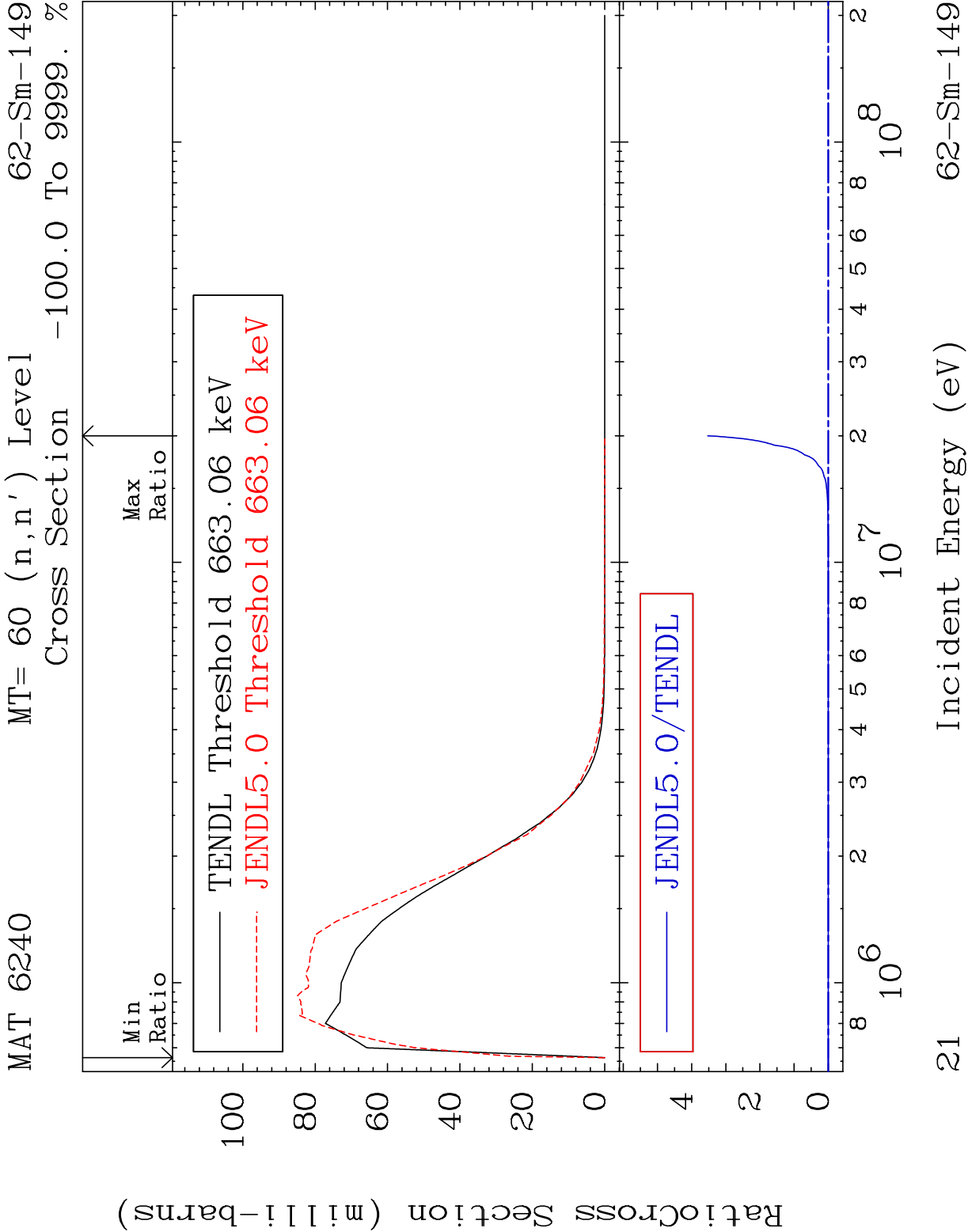


MAT 6240 MT= 58 (n,n') Level 62-Sm-149
Cross Section -100.0 To -13.56%

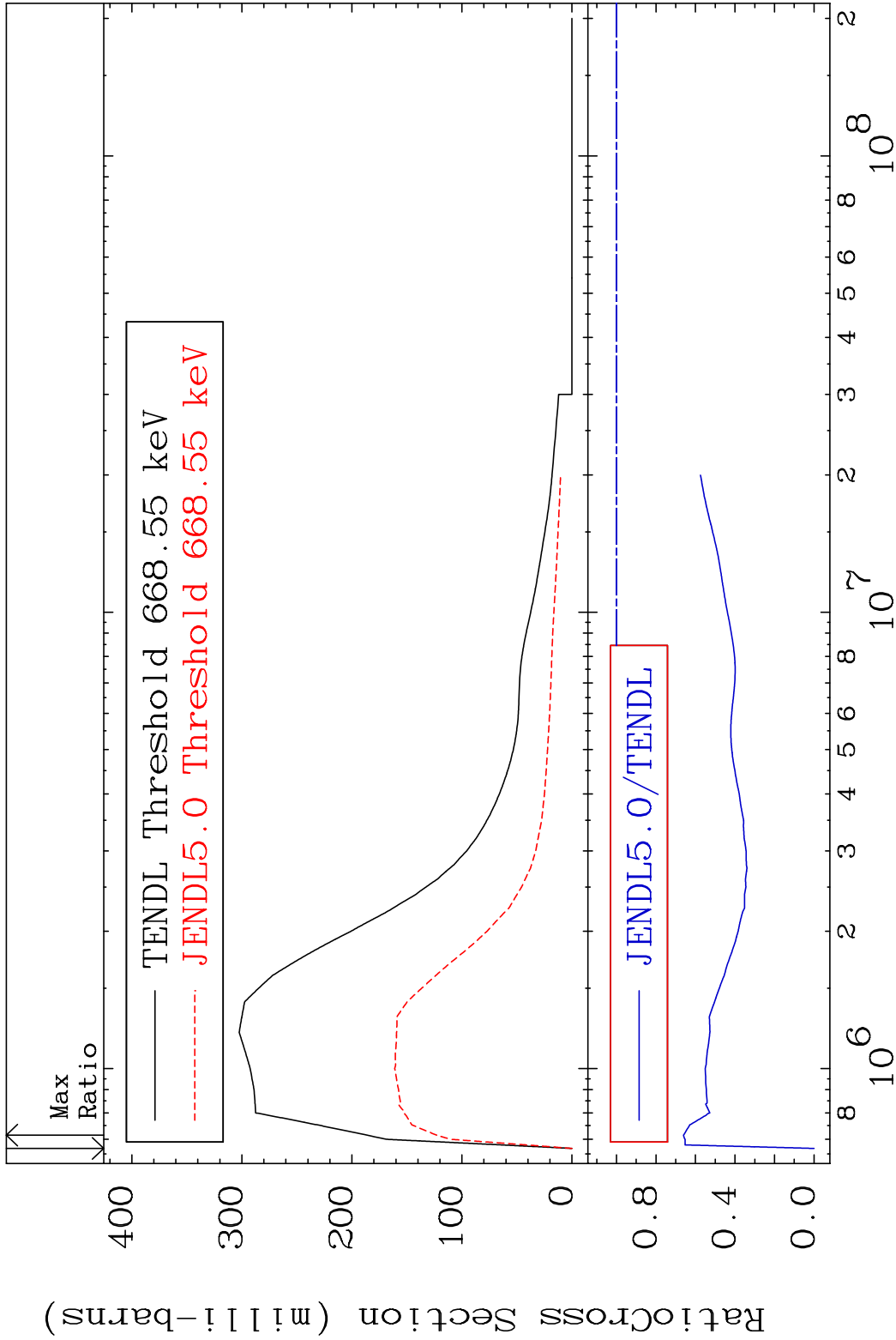


19 Incident Energy (eV) 62-Sm-149

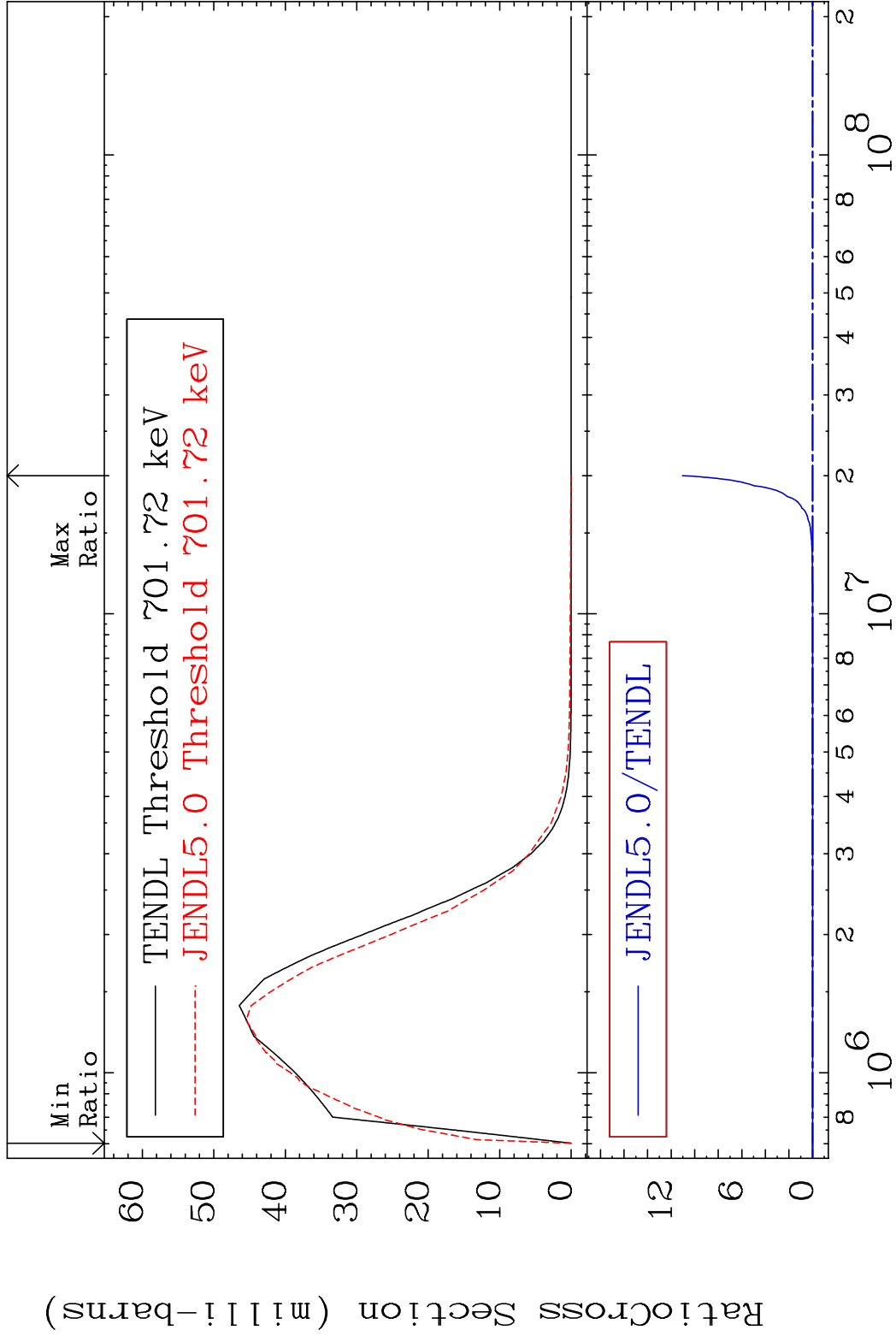




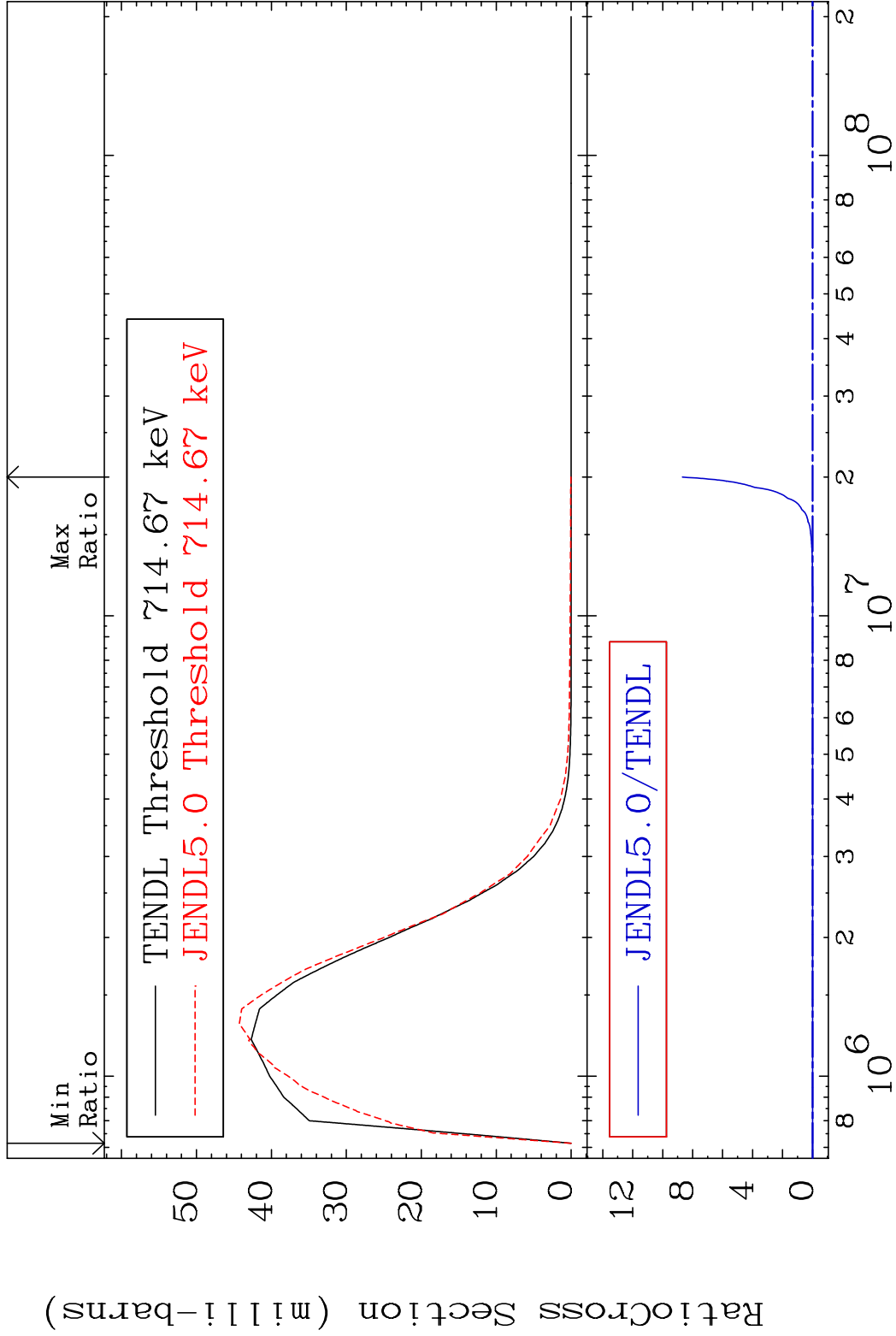
MAT 6240 MT= 61 (n,n') Level 62-Sm-149
Cross Section -100.0 To -33.91%



MAT 6240 MT= 62 (n,n') Level 62-Sm-149
Cross Section -100.0 To 9999. %

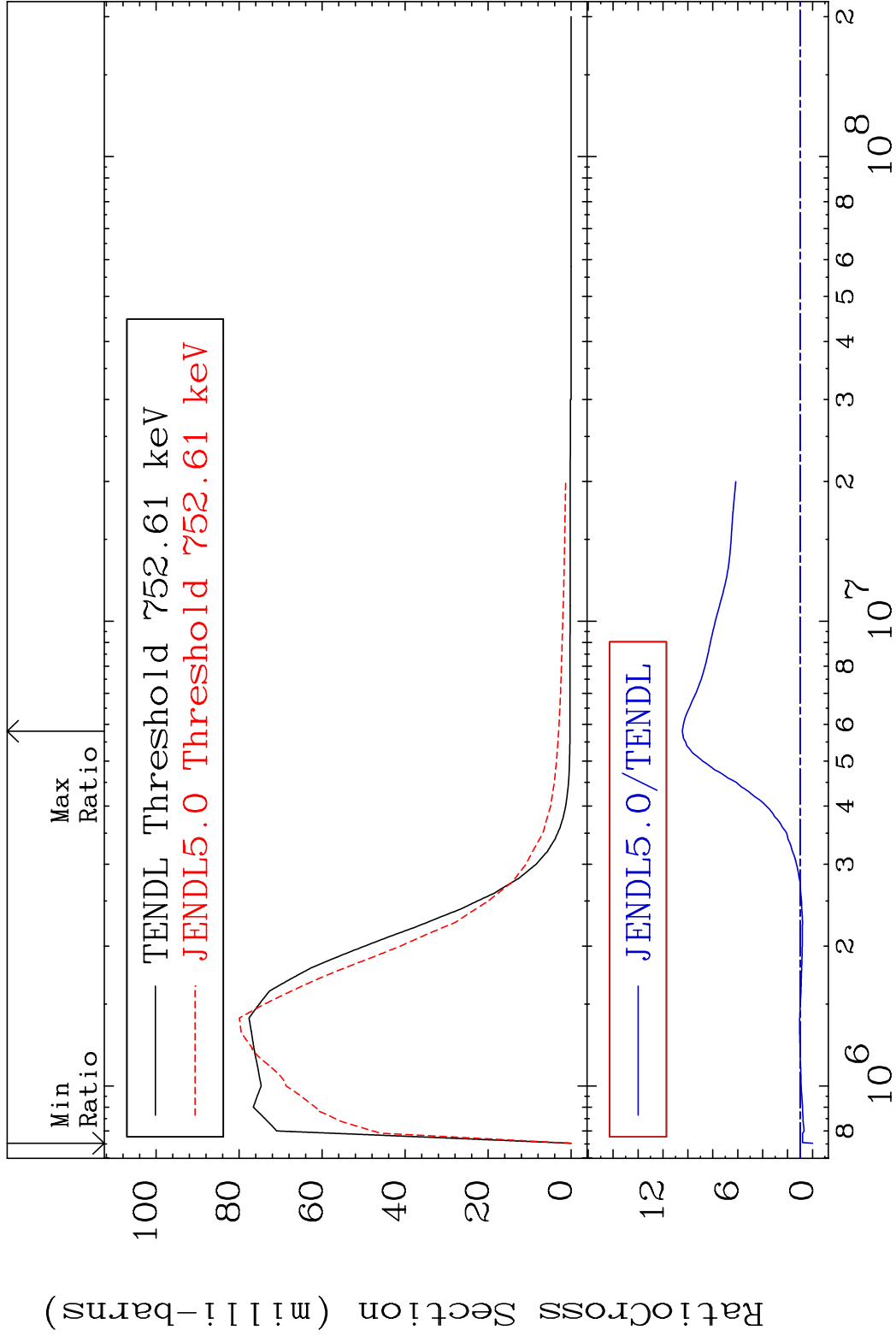


MAT 6240 MT= 63 (n,n') Level 62-Sm-149
Cross Section -100.0 To 9999. %



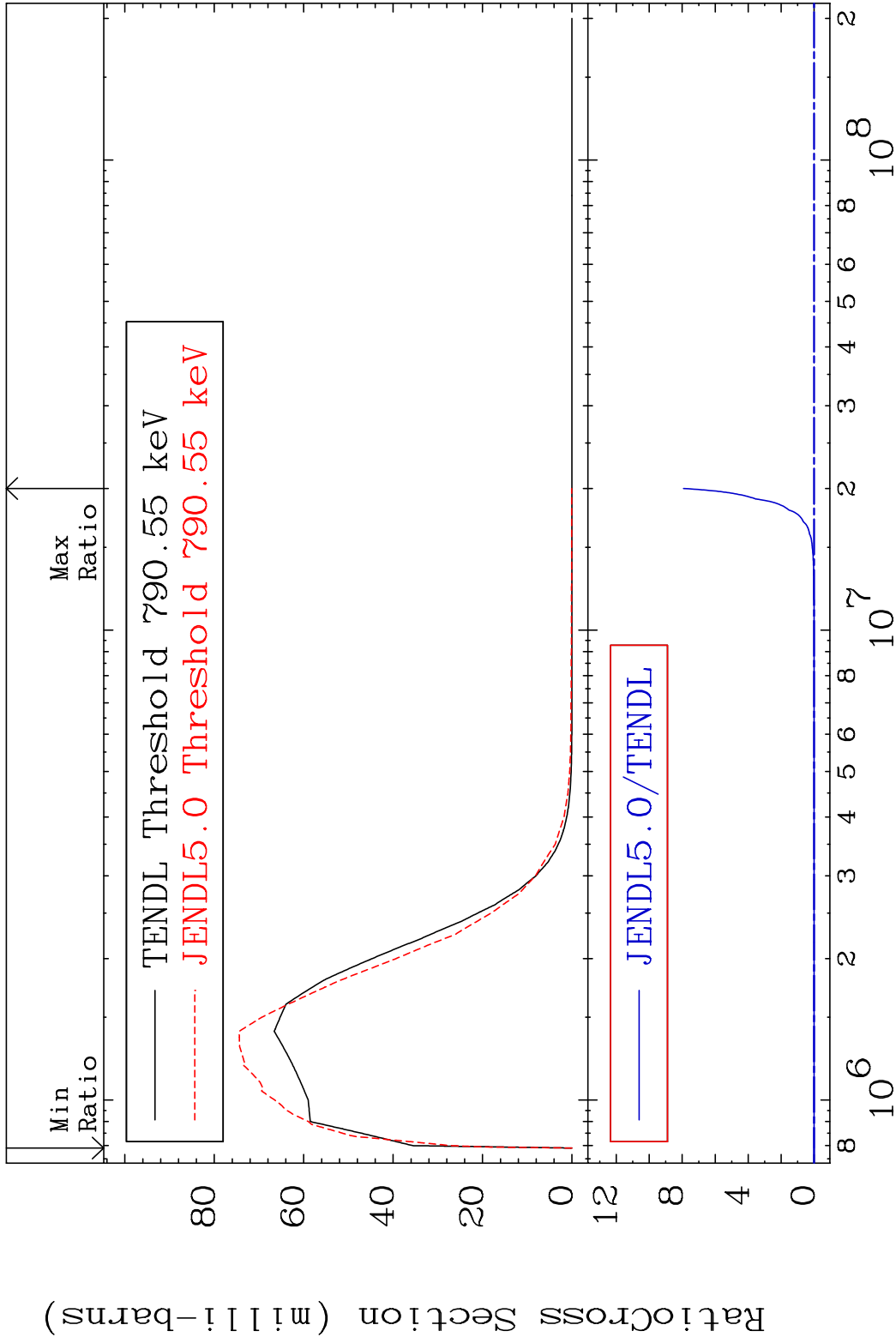
24 Incident Energy (eV) 62-Sm-149

MAT 6240 MT= 64 (n,n') Level 62-Sm-149
Cross Section -100.0 To 944.5 %

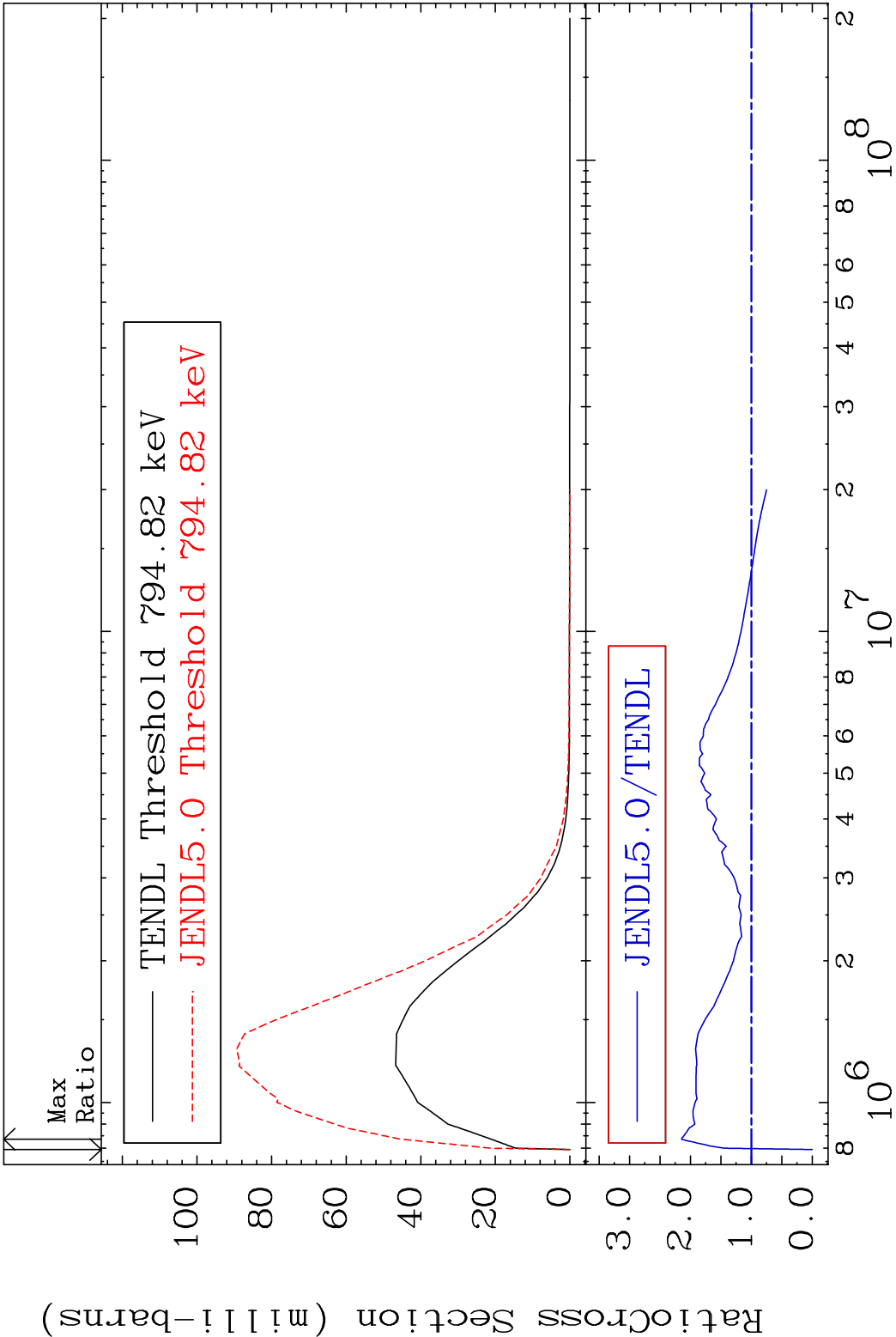


25 Incident Energy (eV) 62-Sm-149

MAT 6240 MT= 65 (n,n') Level 62-Sm-149
Cross Section -100.0 To 9999. %

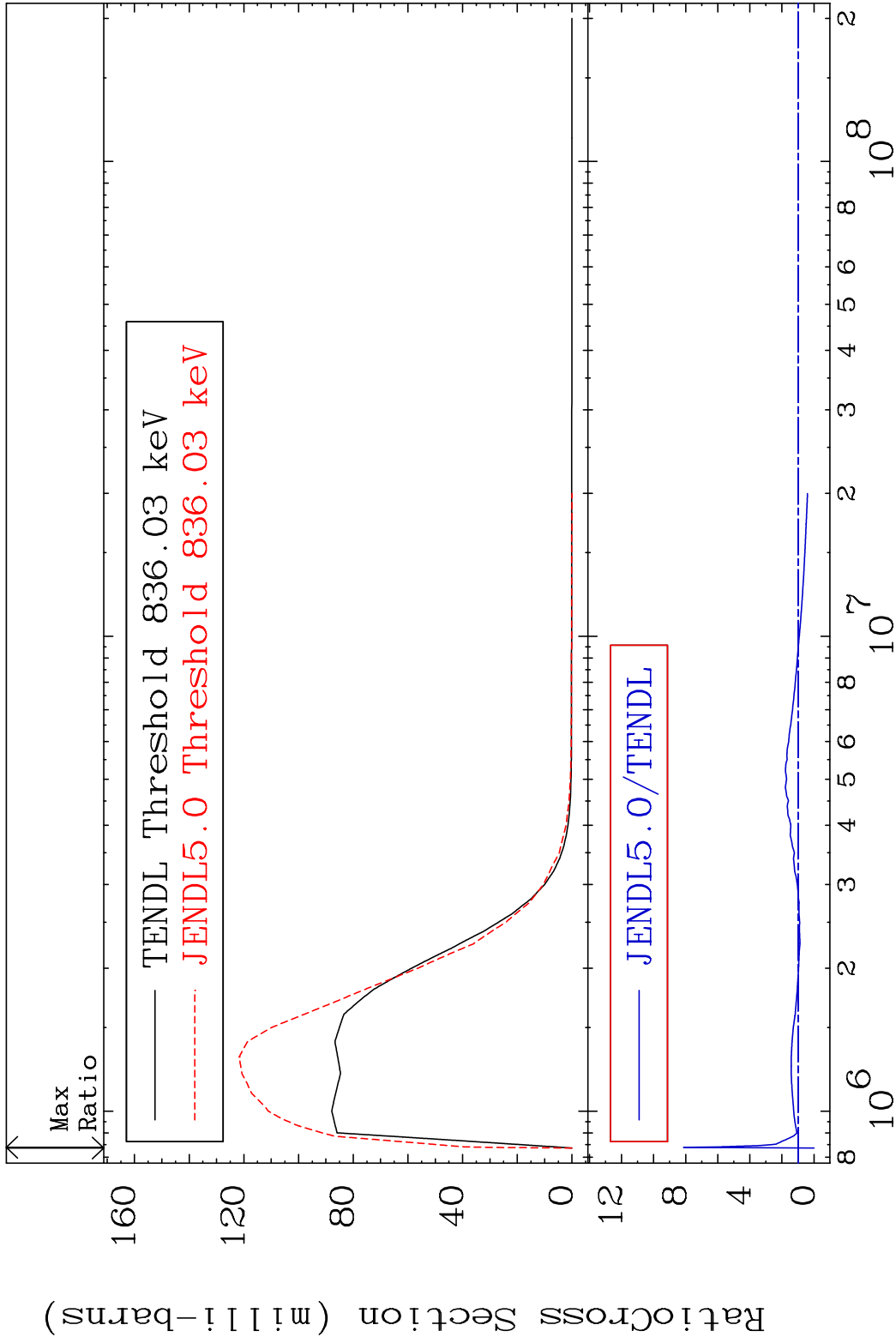


MAT 6240 MT= 66 (n,n') Level 62-Sm-149
 Cross Section -100.0 To 114.6 %

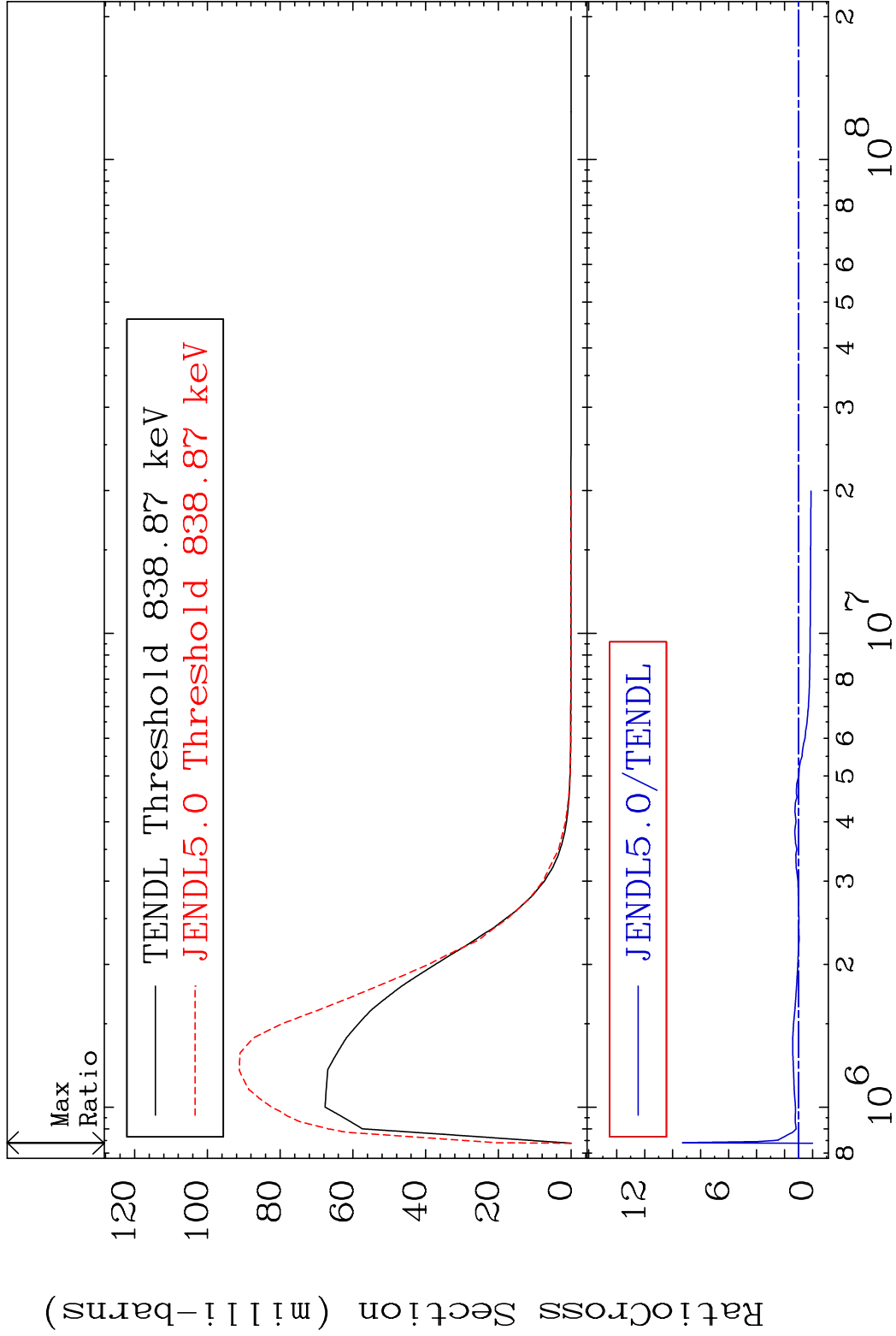


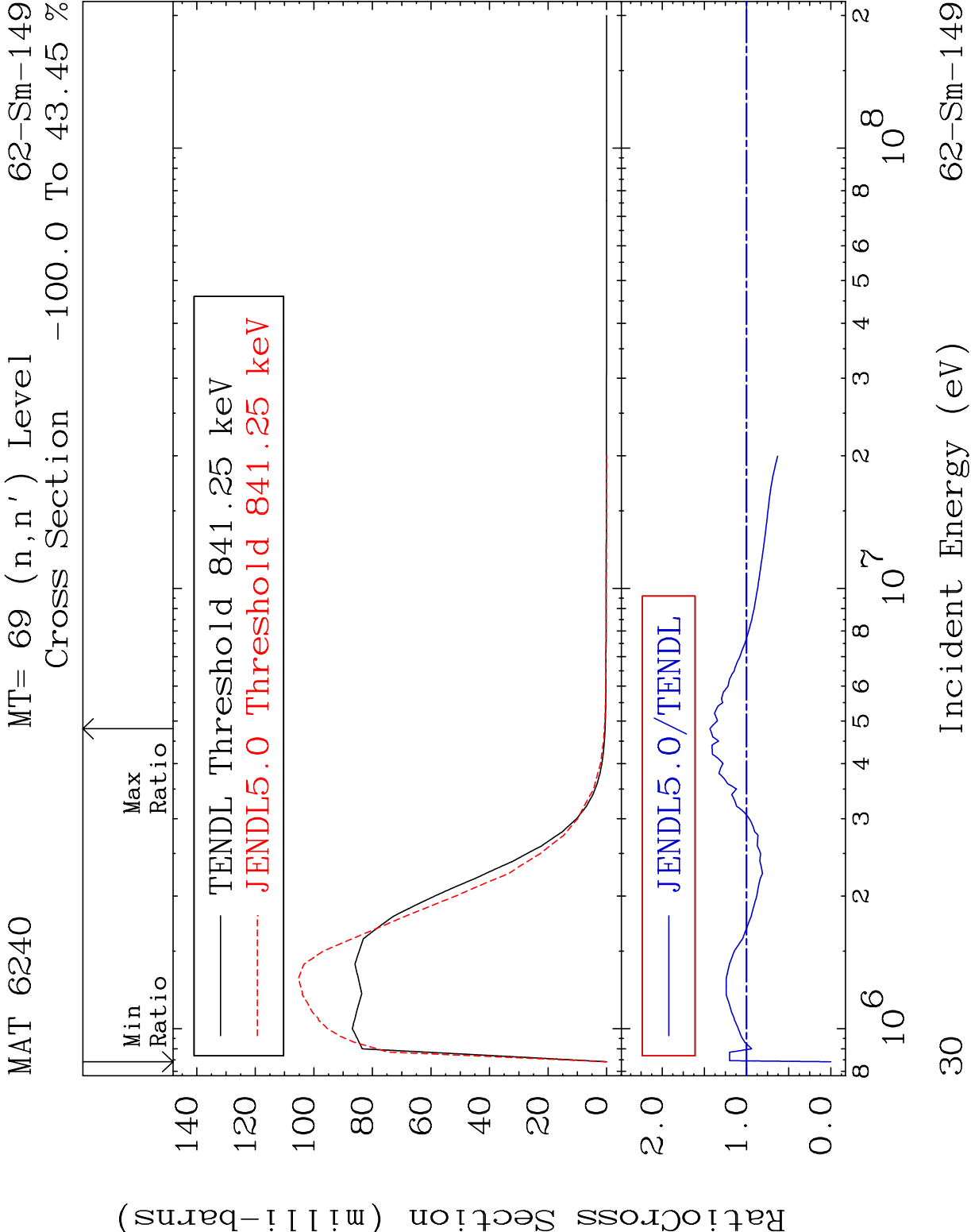
27 Incident Energy (eV) 62-Sm-149

MAT 6240 MT= 67 (n,n') Level 62-Sm-149
Cross Section -100.0 To 713.8 %

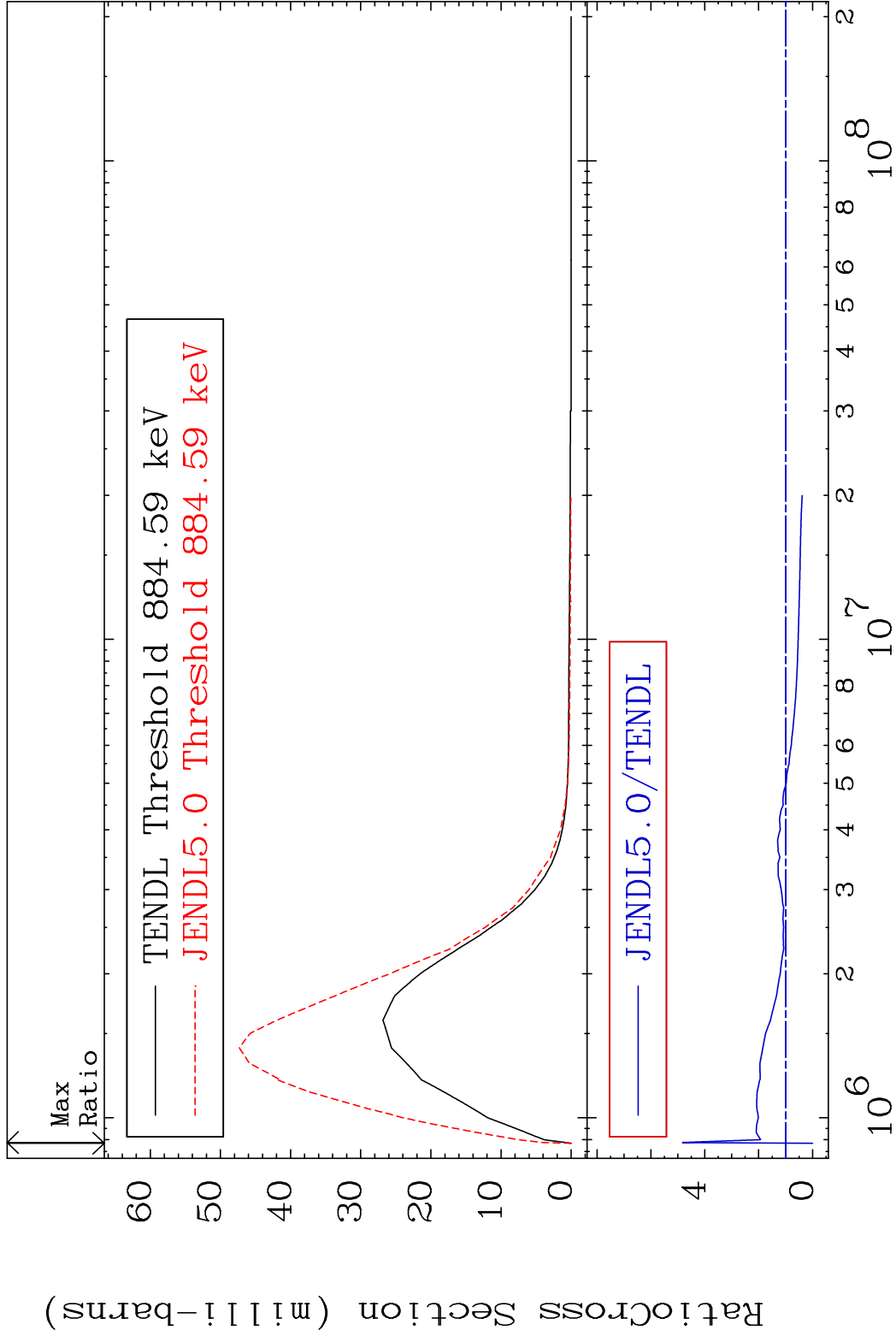


MAT 6240 MT= 68 (n,n') Level 62-Sm-149
Cross Section -100.0 To 830.6 %



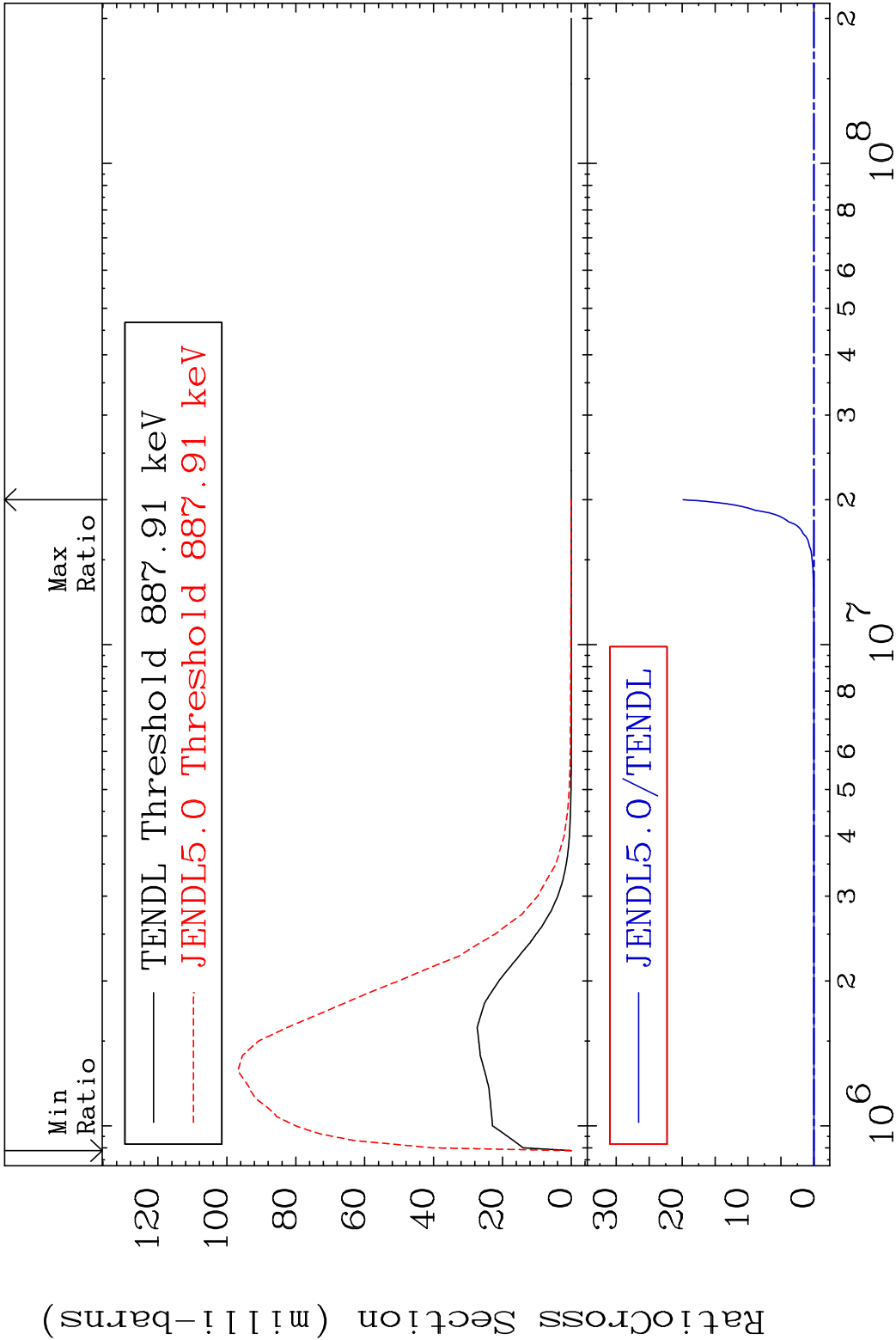


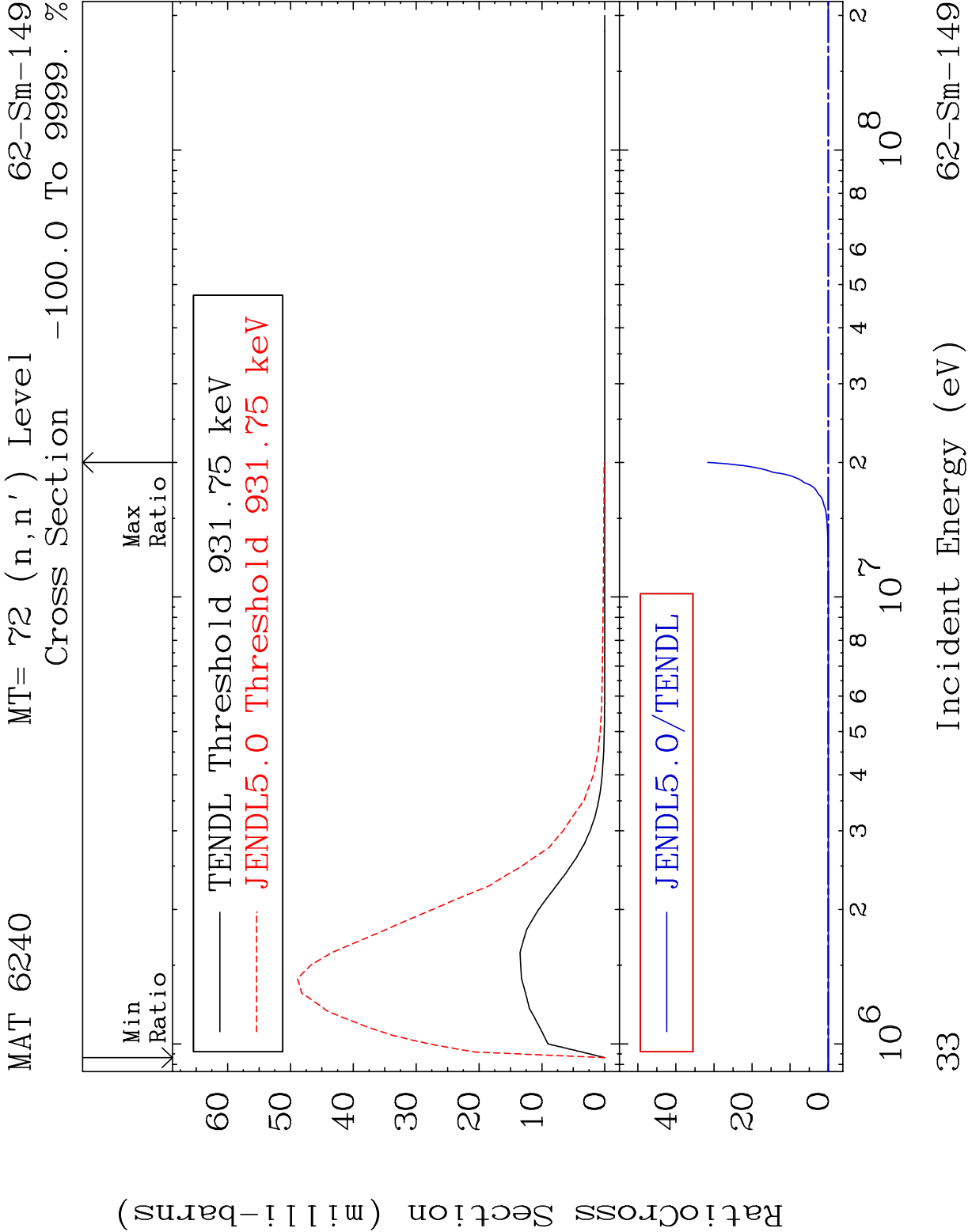
MAT 6240 MT= 70 (n,n') Level 62-Sm-149
Cross Section -100.0 To 383.2 %



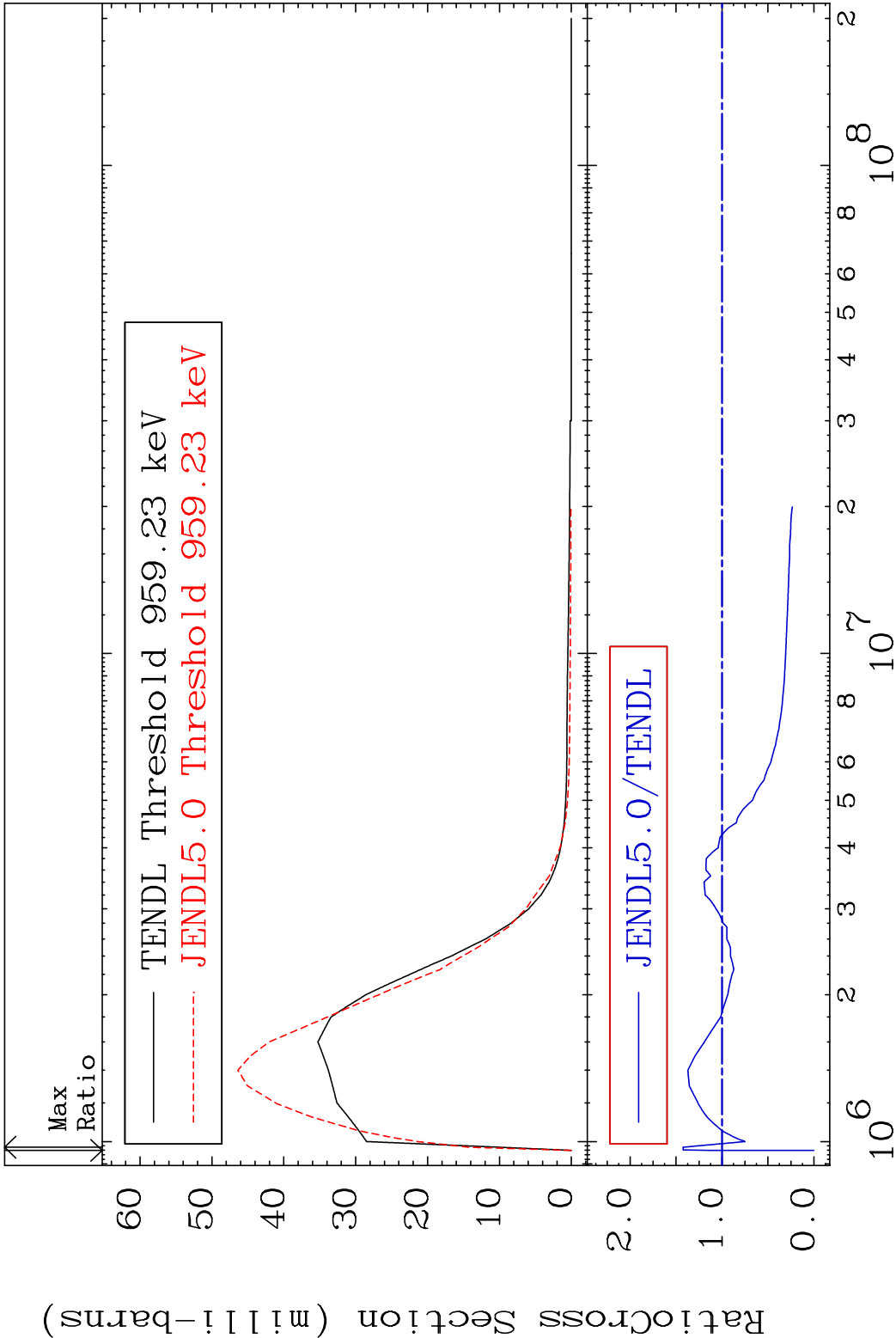
31 Incident Energy (eV) 62-Sm-149

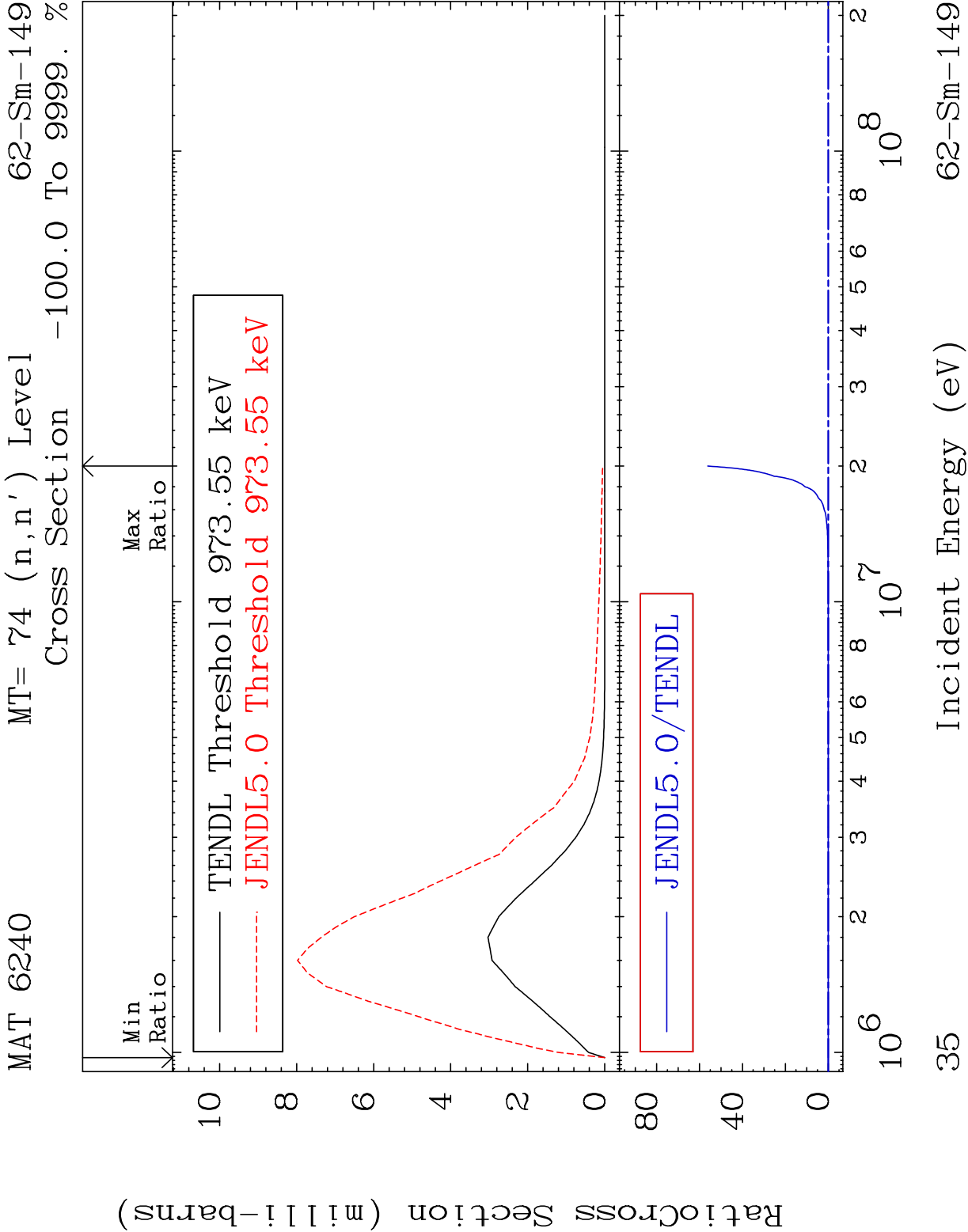
MAT 6240 MT= 71 (n,n') Level 62-Sm-149
Cross Section -100.0 To 9999. %

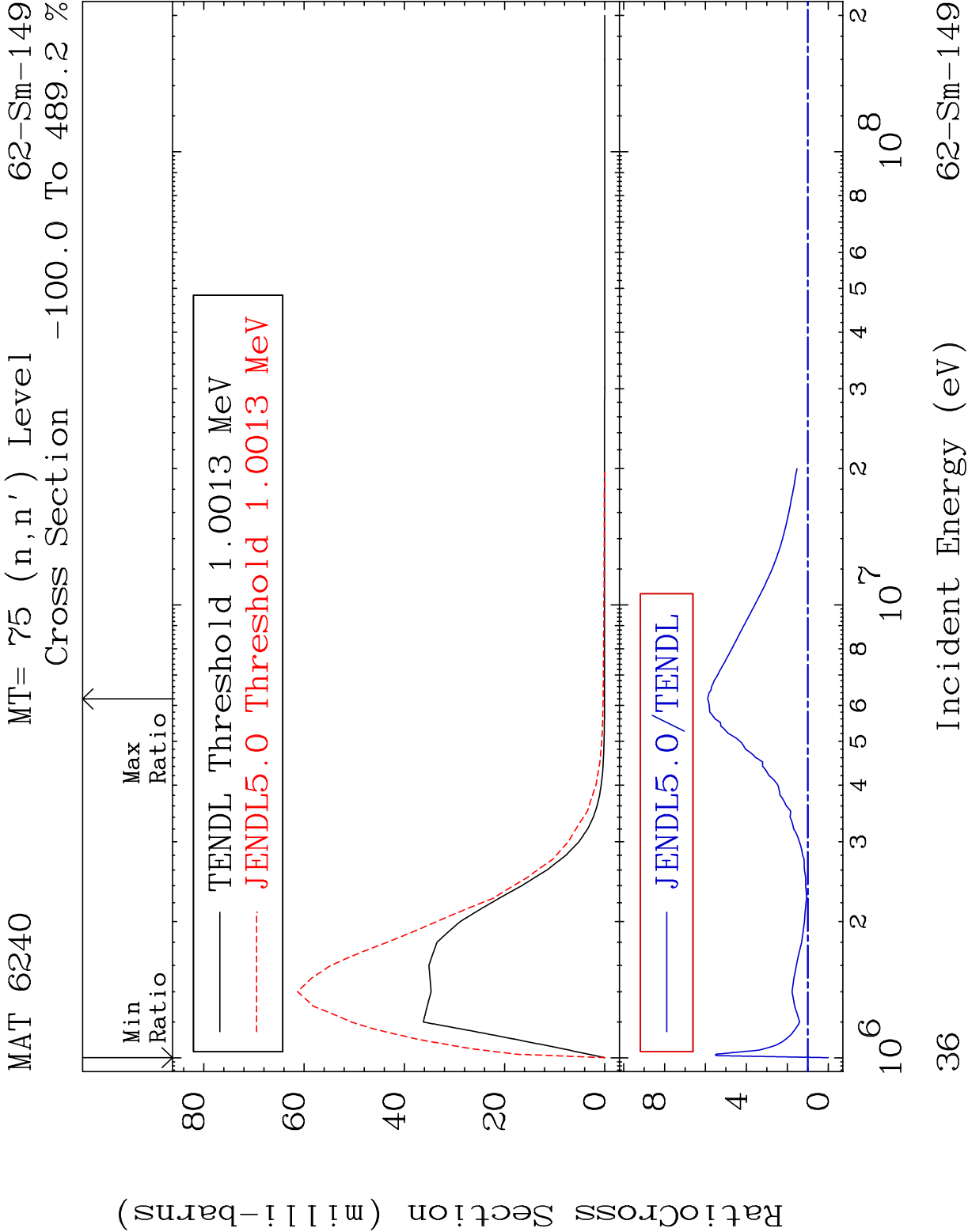


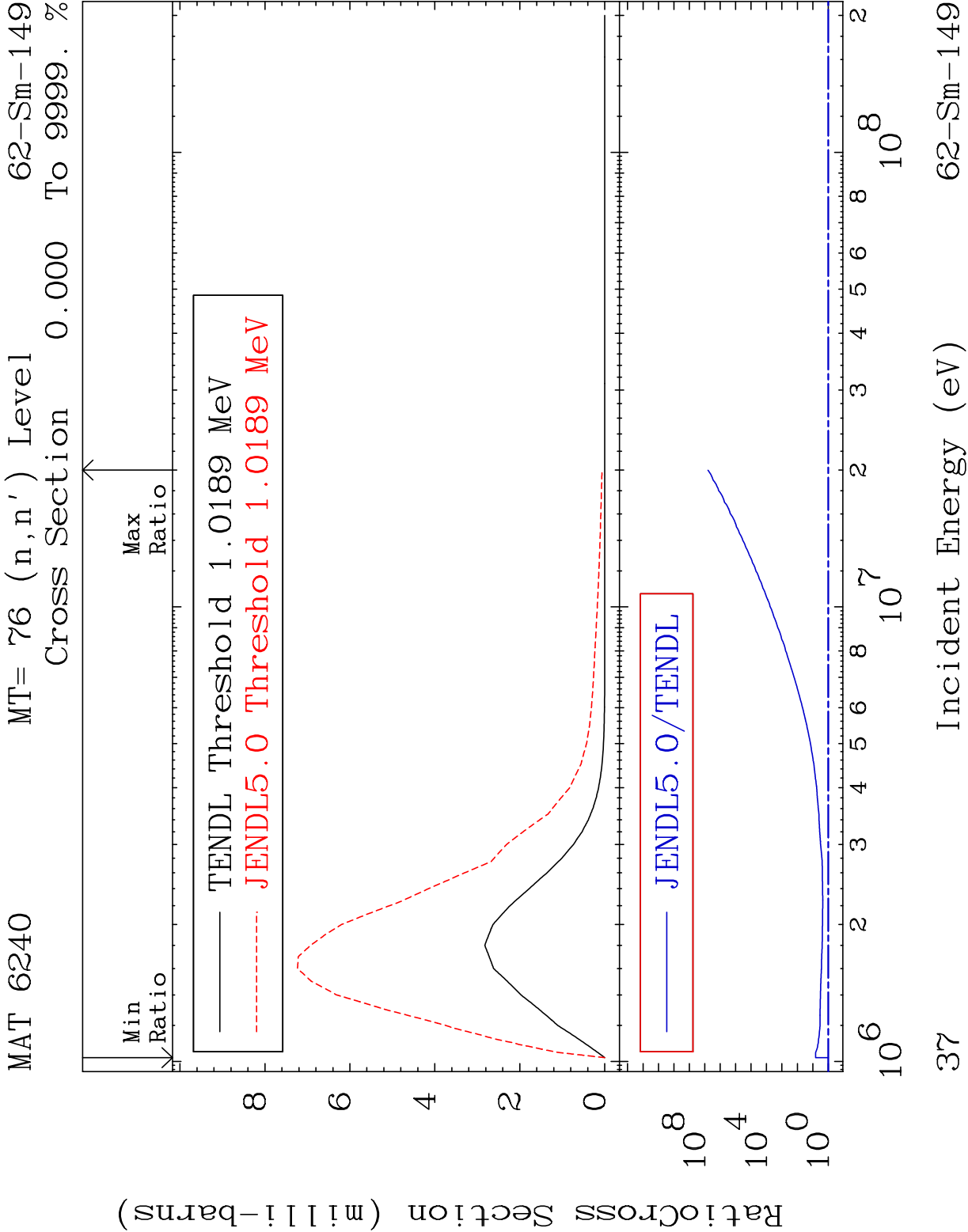


MAT 6240 MT= 73 (n,n') Level 62-Sm-149
Cross Section -100.0 To 42.42 %

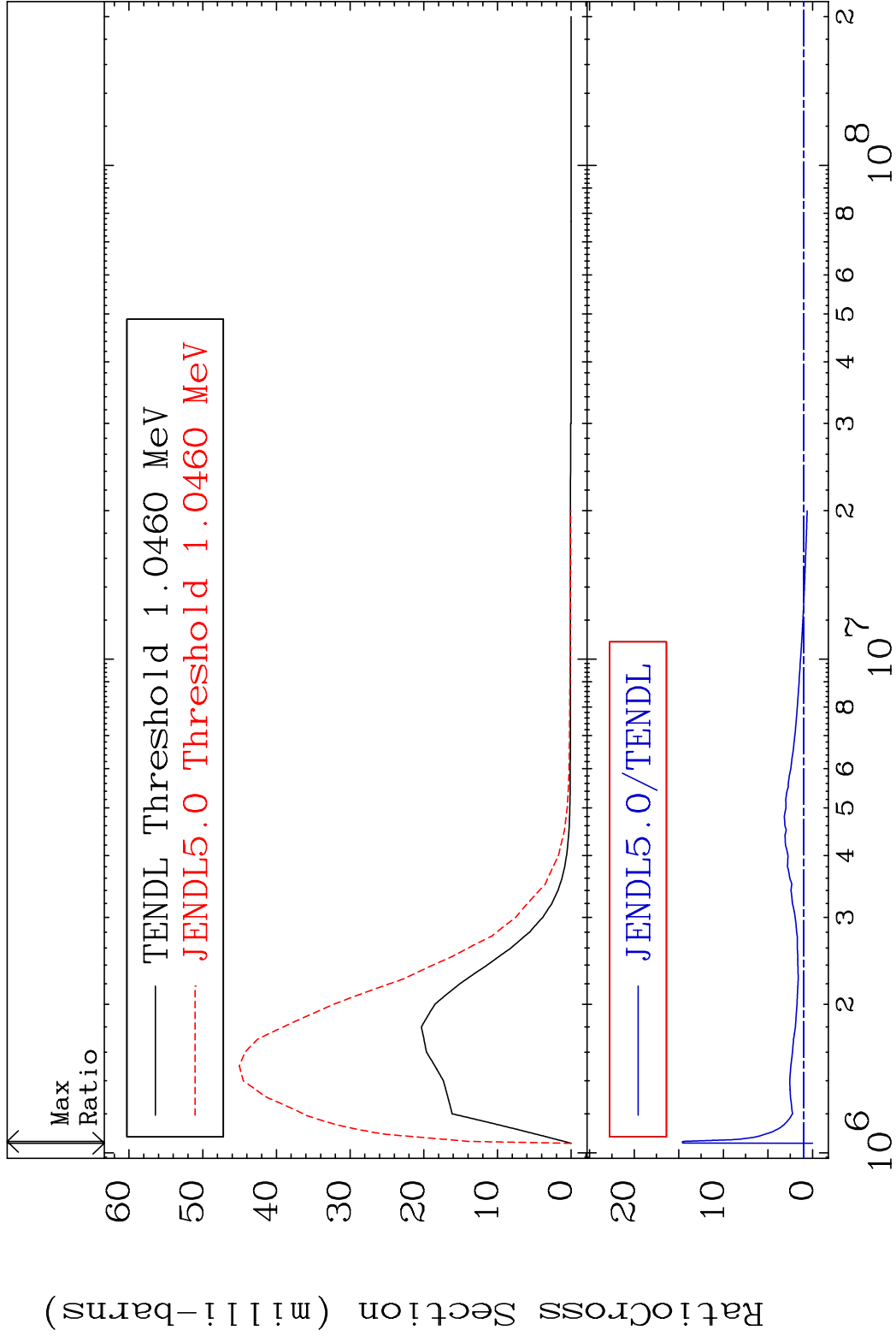




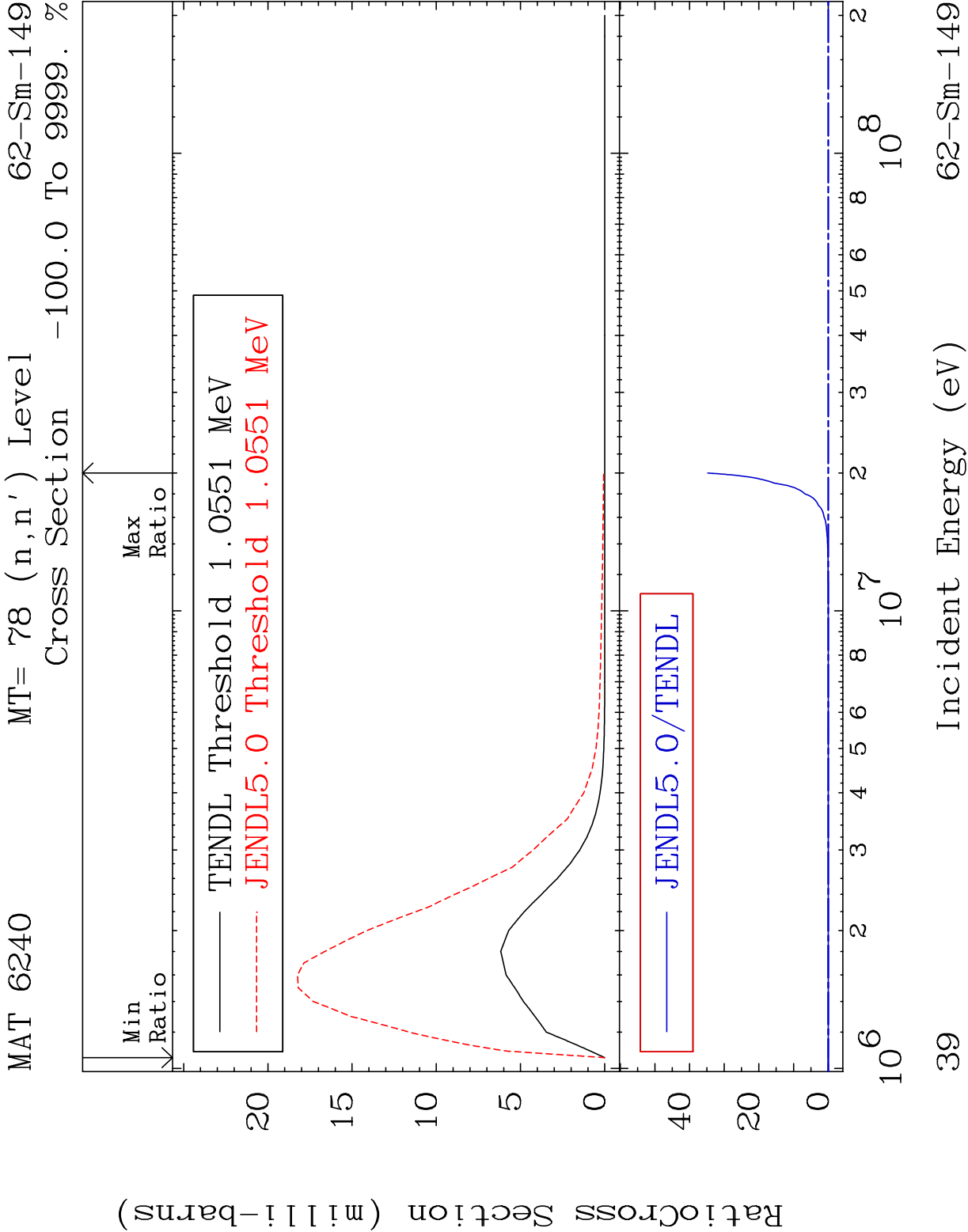




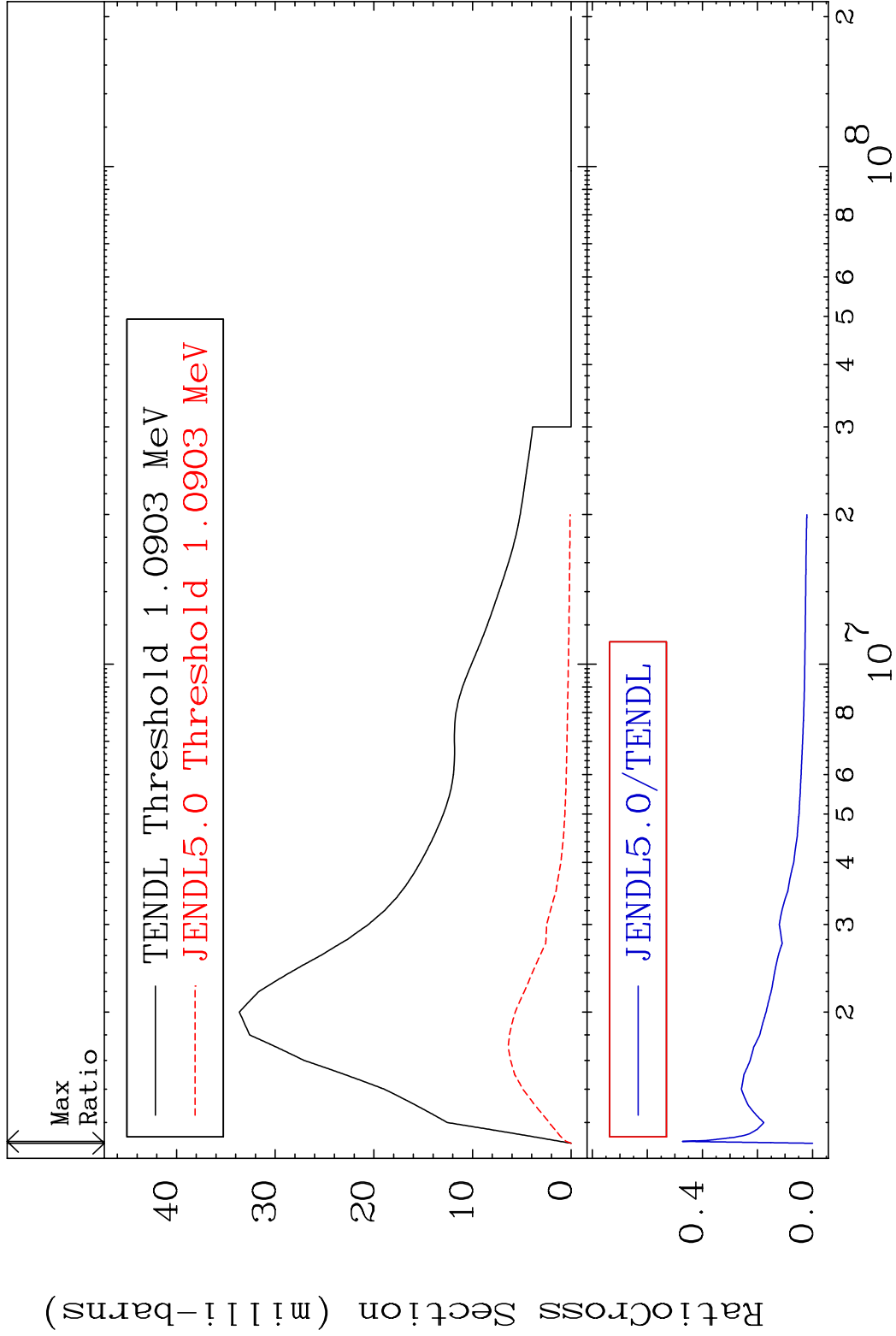
MAT 6240 MT= 77 (n,n') Level 62-Sm-149
Cross Section -100.0 To 1360. %



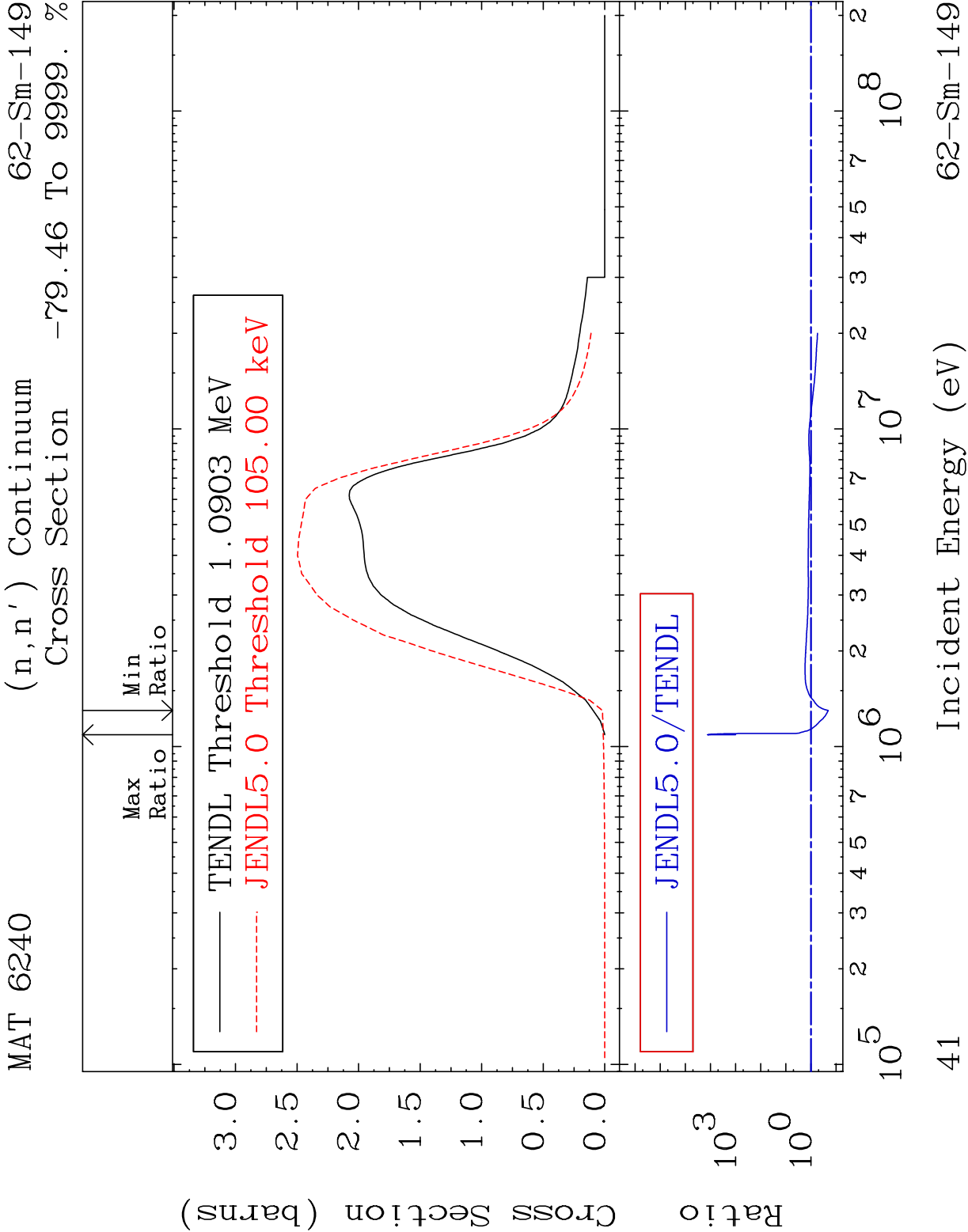
38 Incident Energy (eV) 62-Sm-149

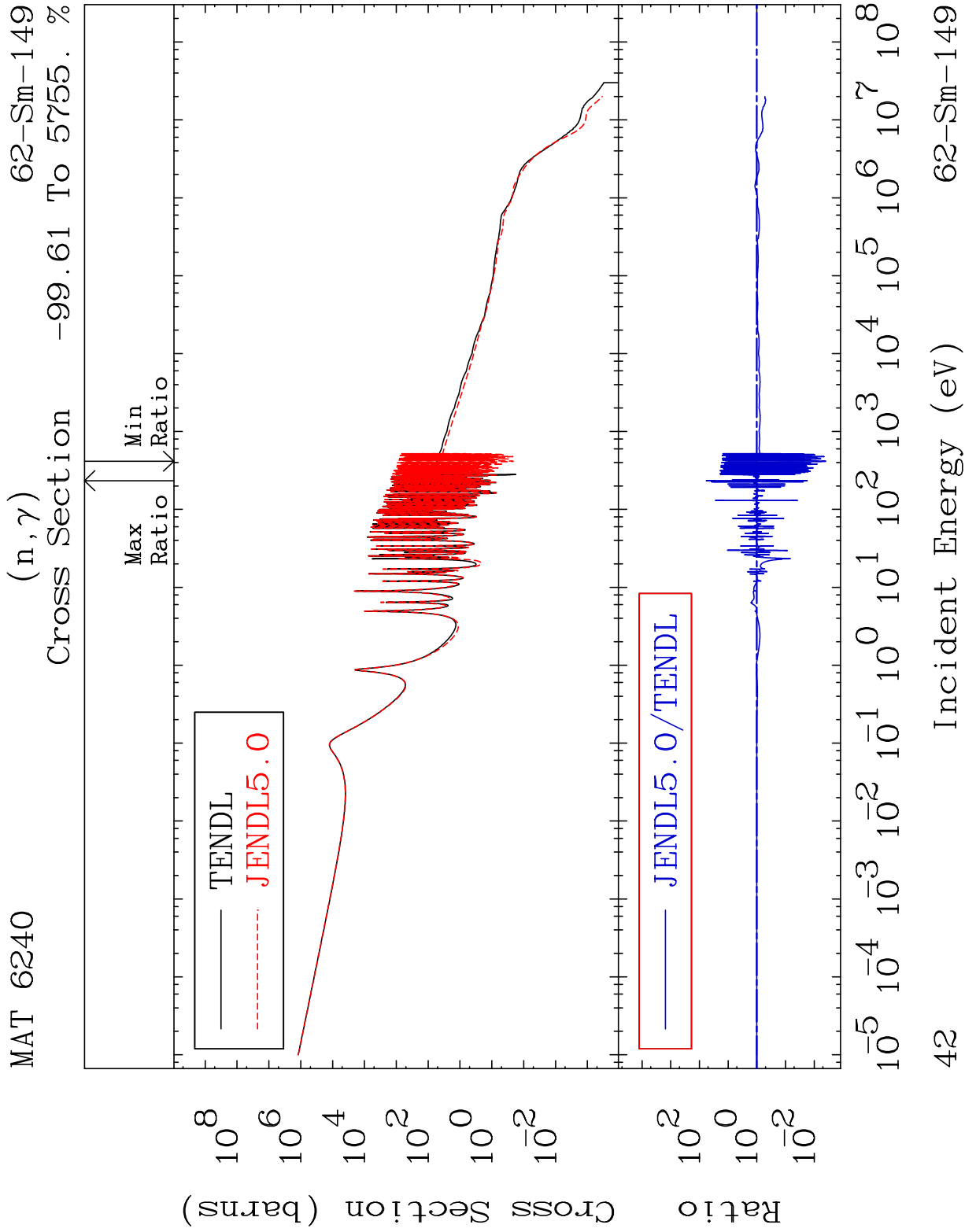


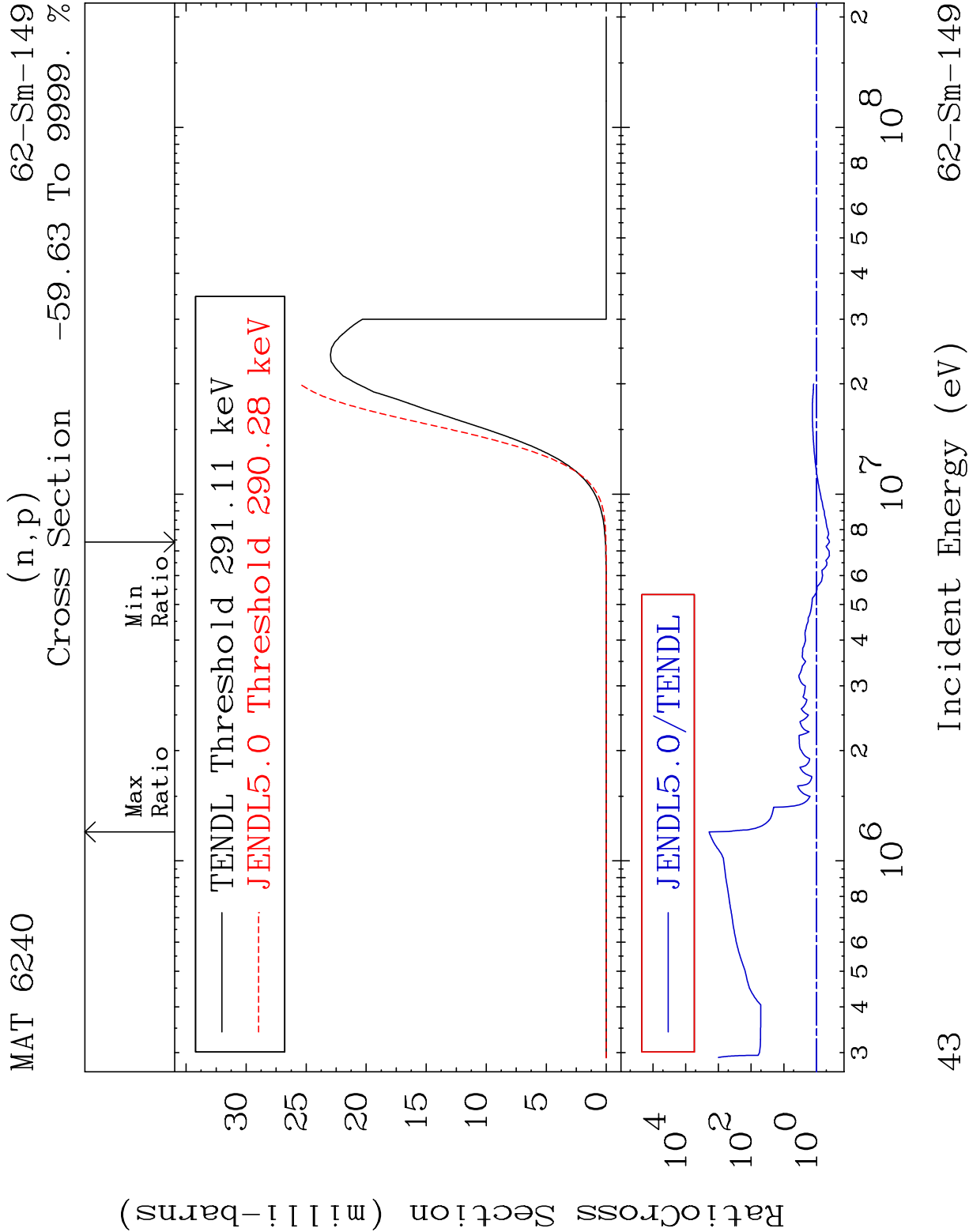
MAT 6240 MT= 79 (n,n') Level 62-Sm-149
Cross Section -100.0 To -52.71%

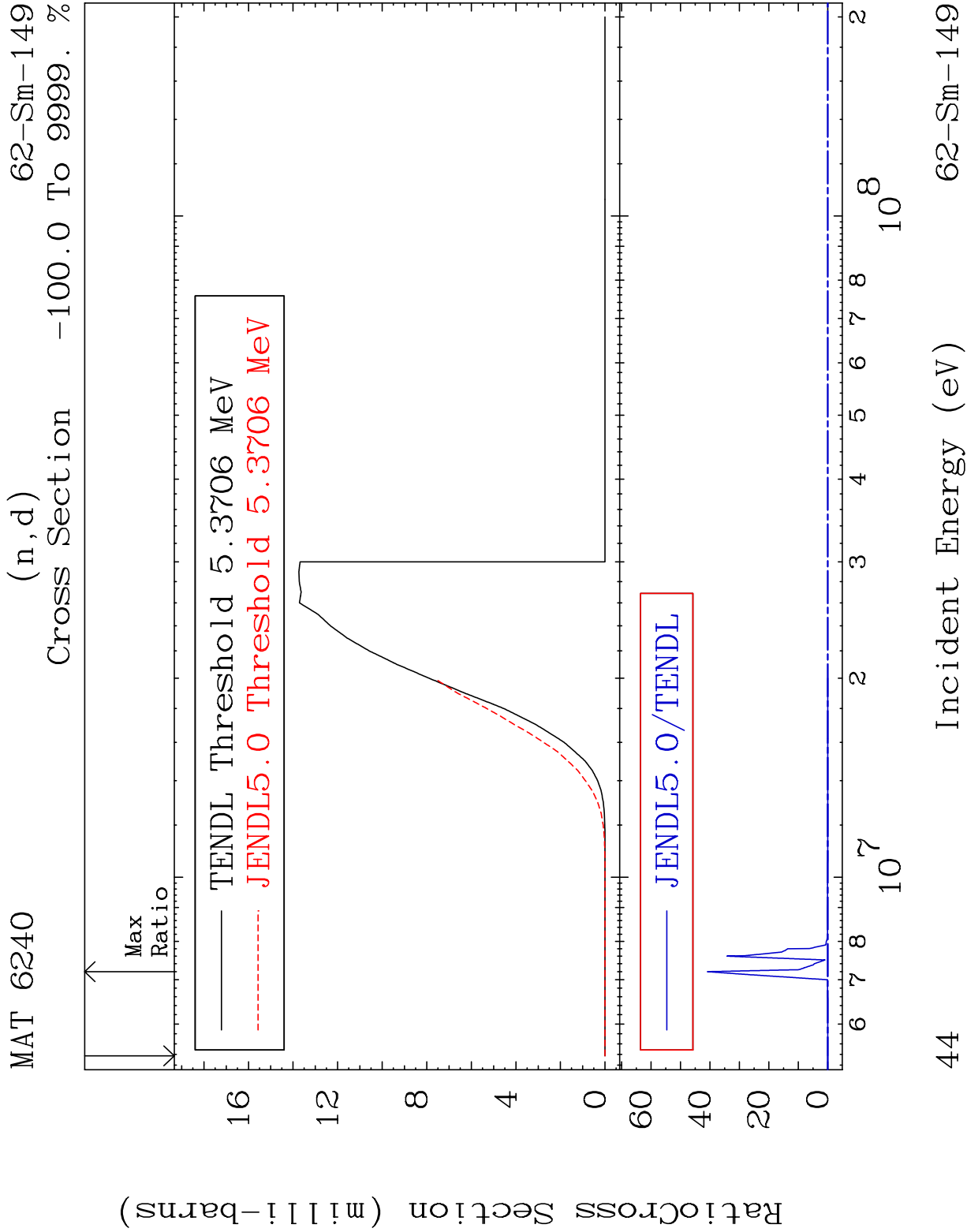


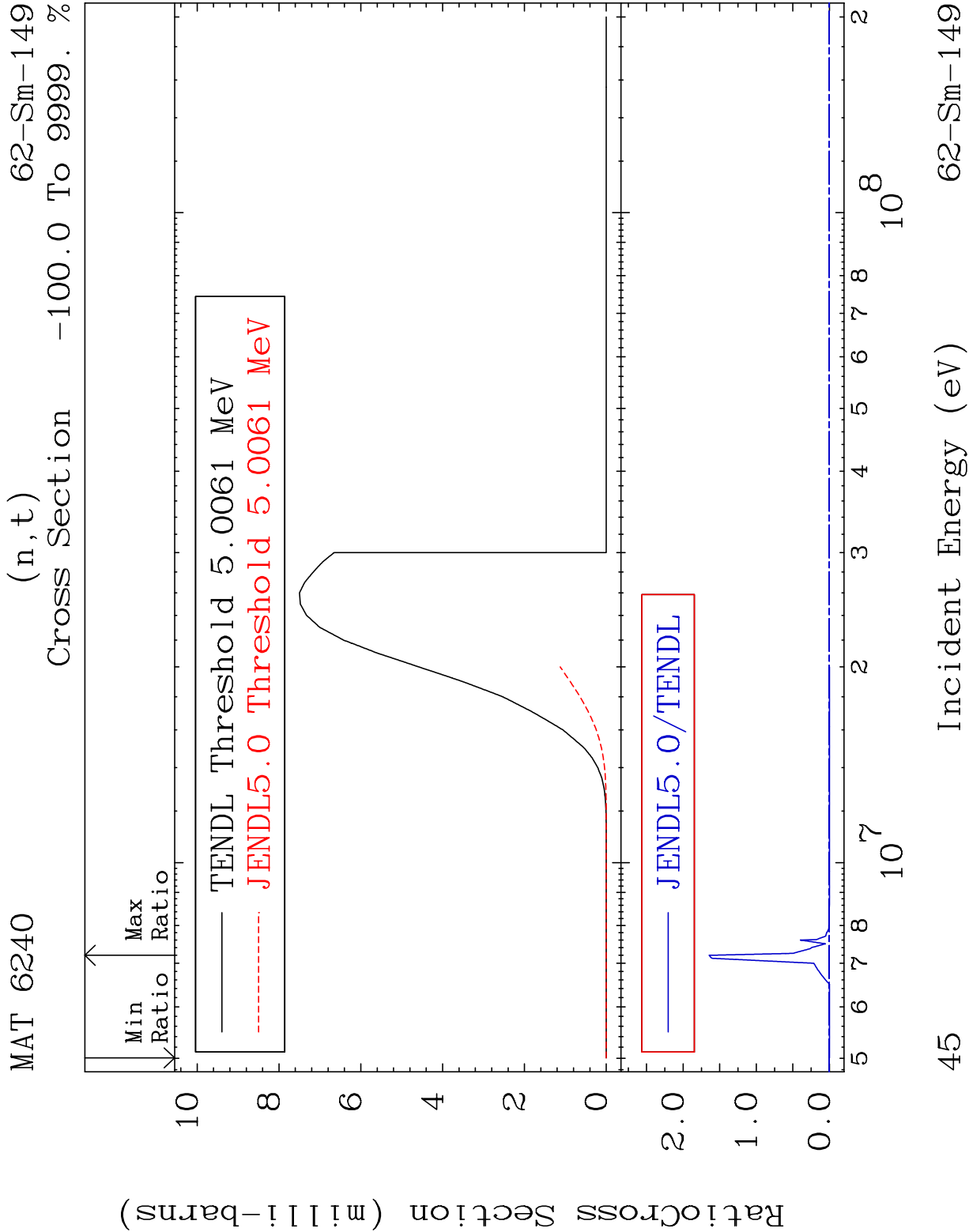
40 Incident Energy (eV) 62-Sm-149

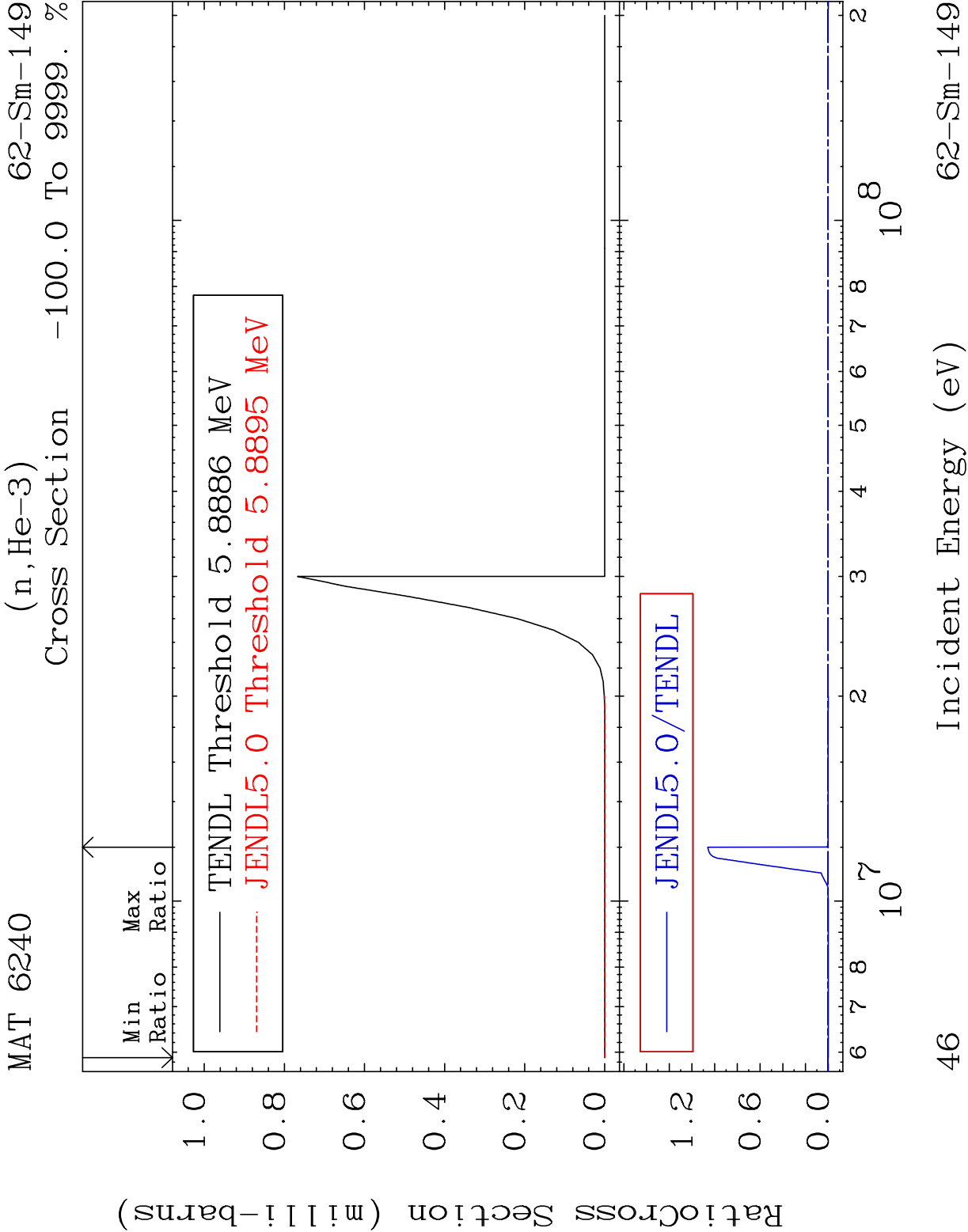


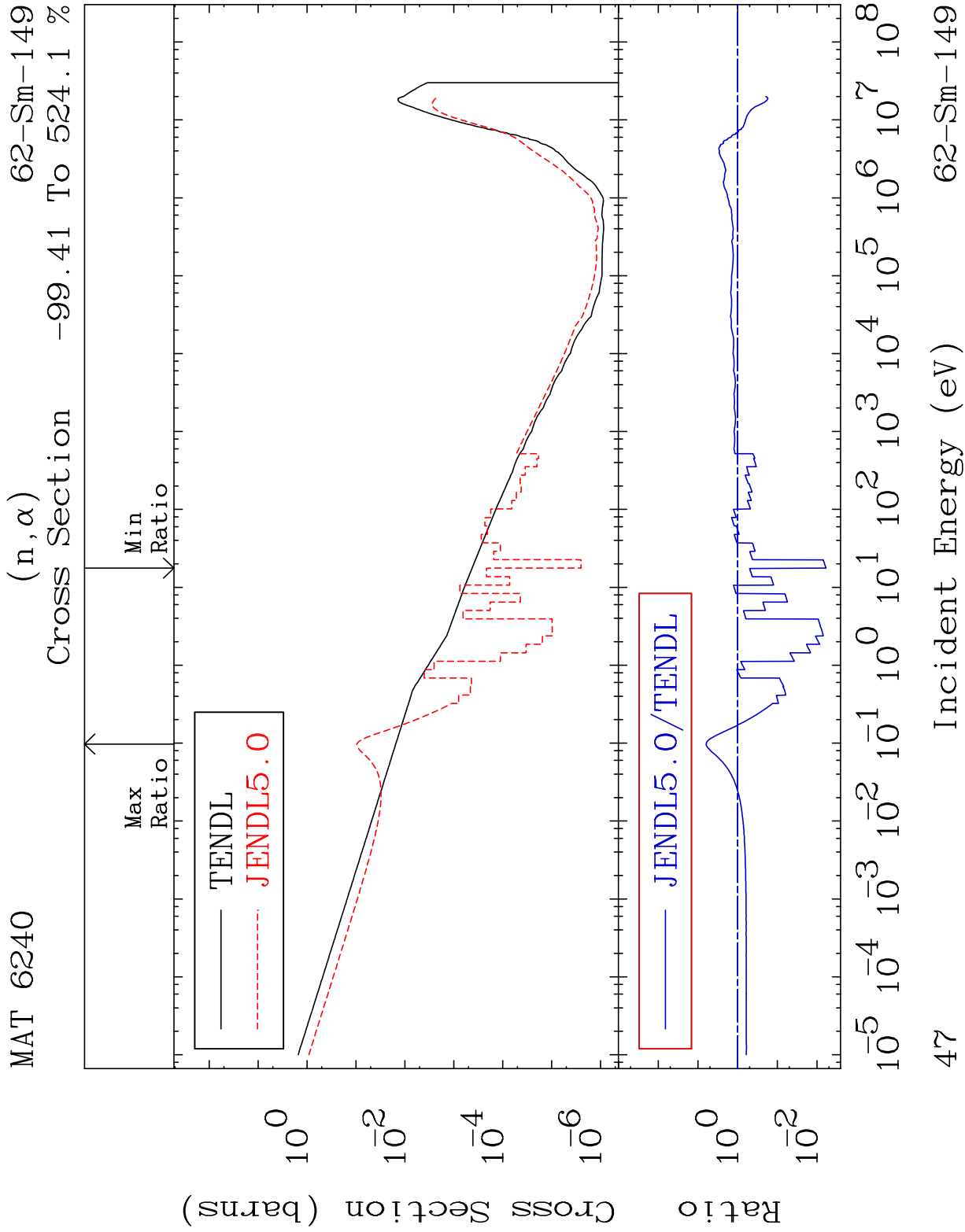


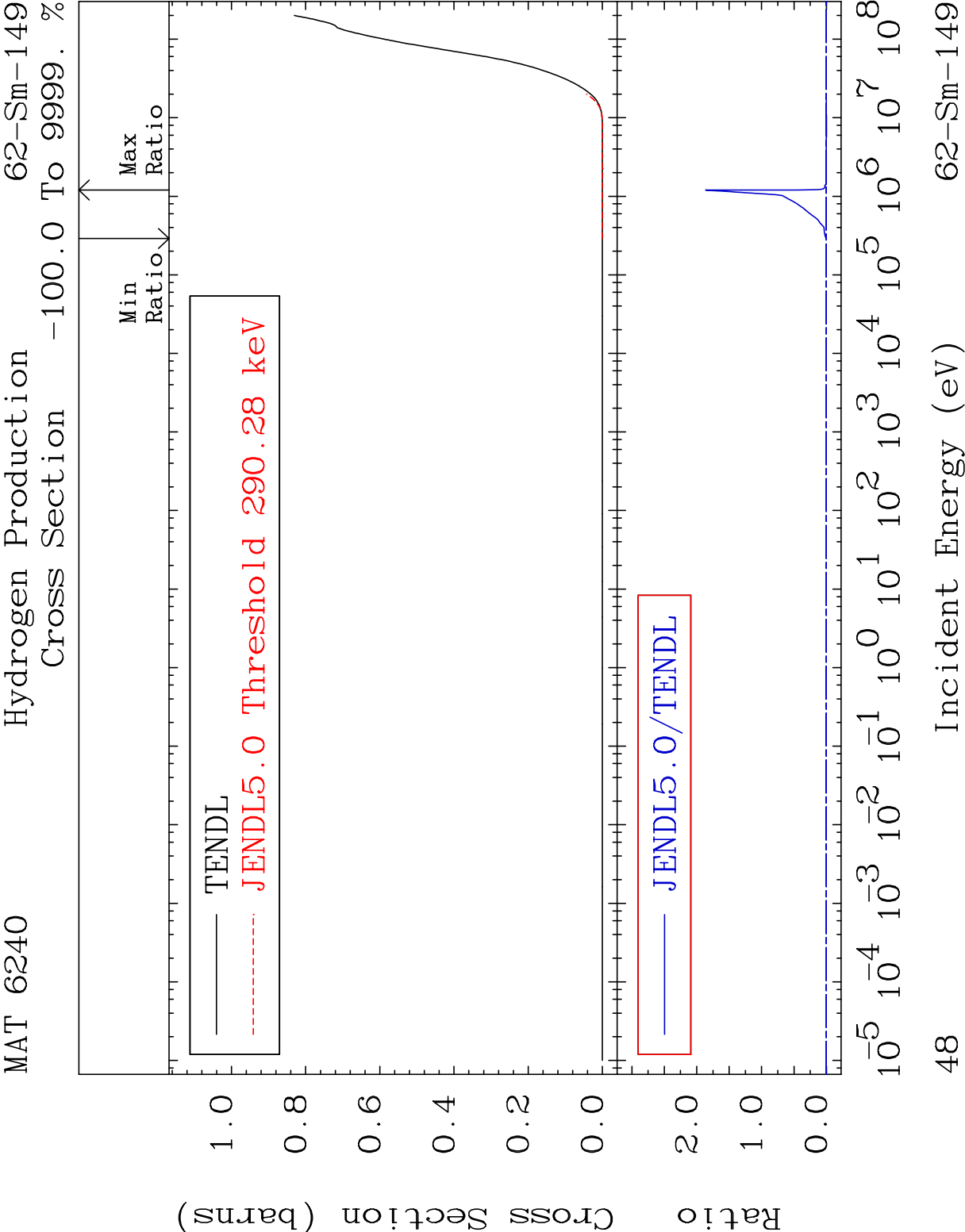


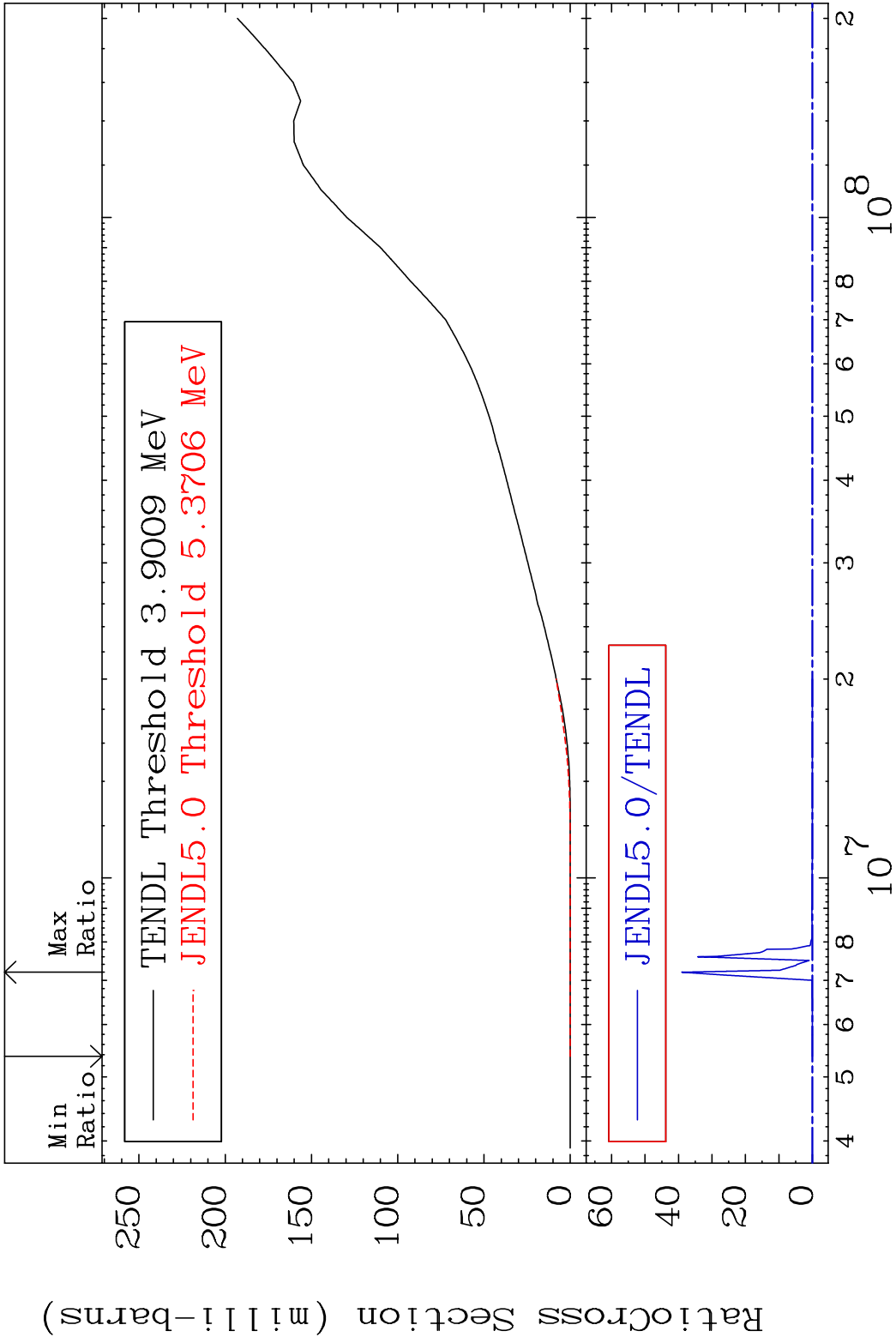


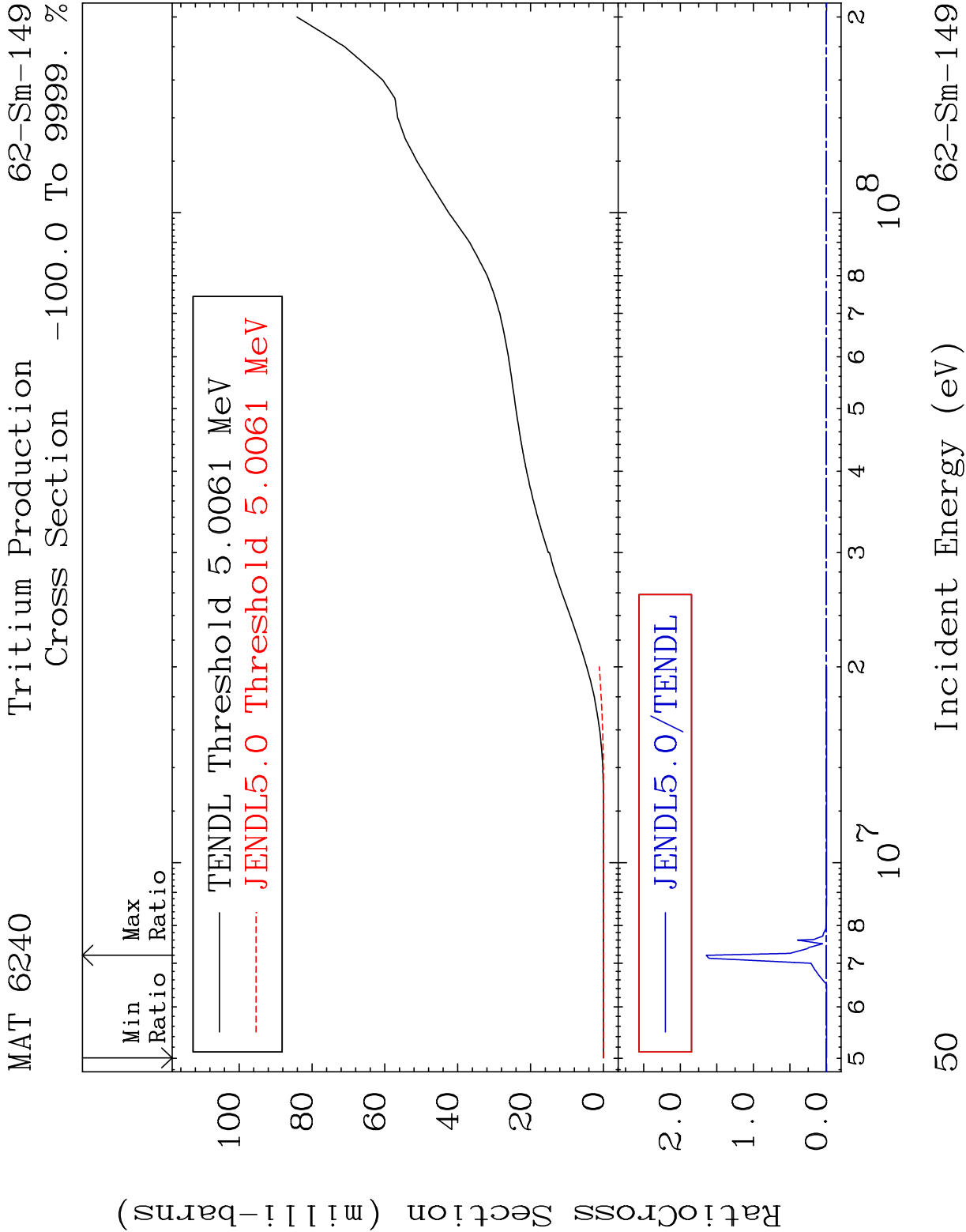


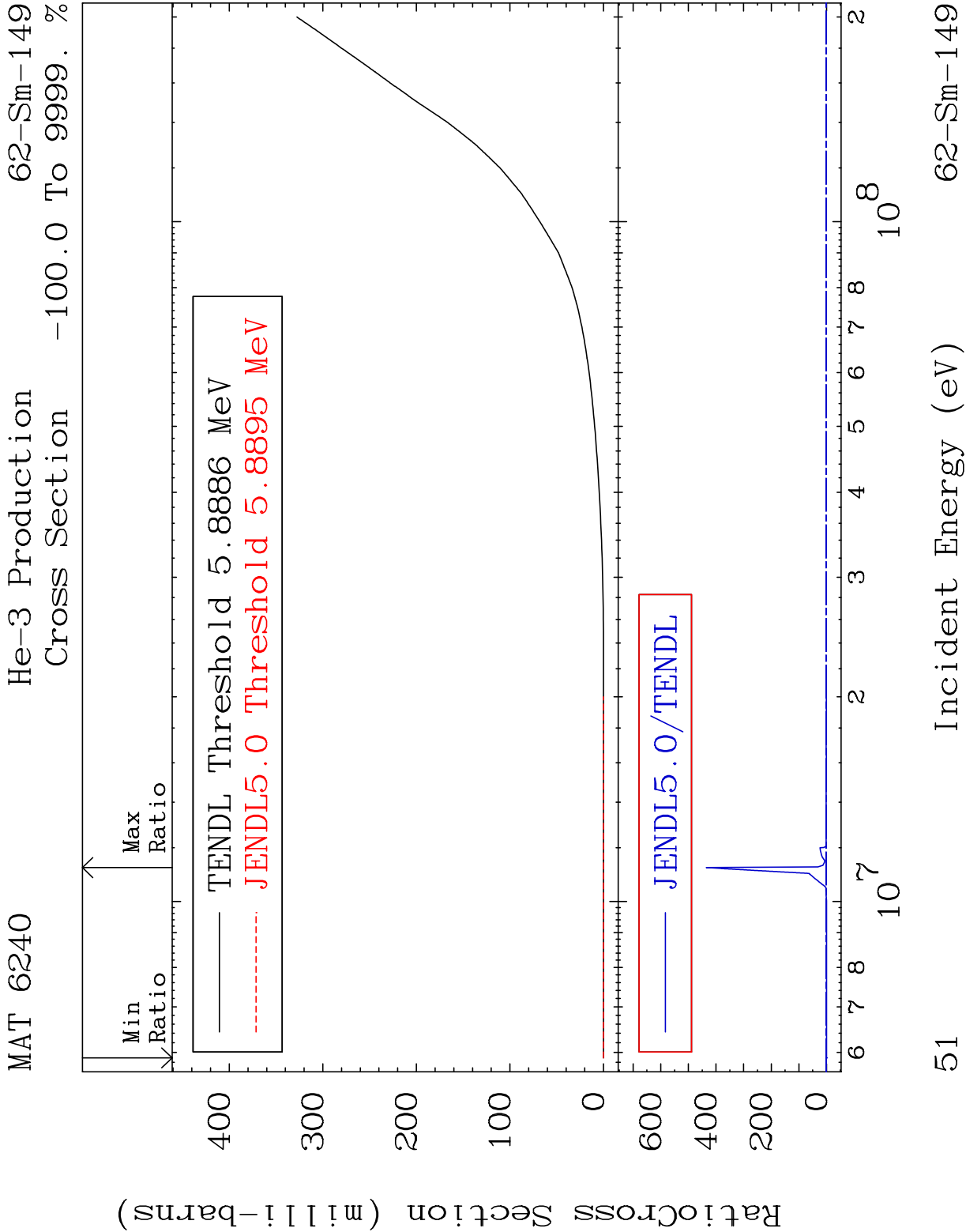


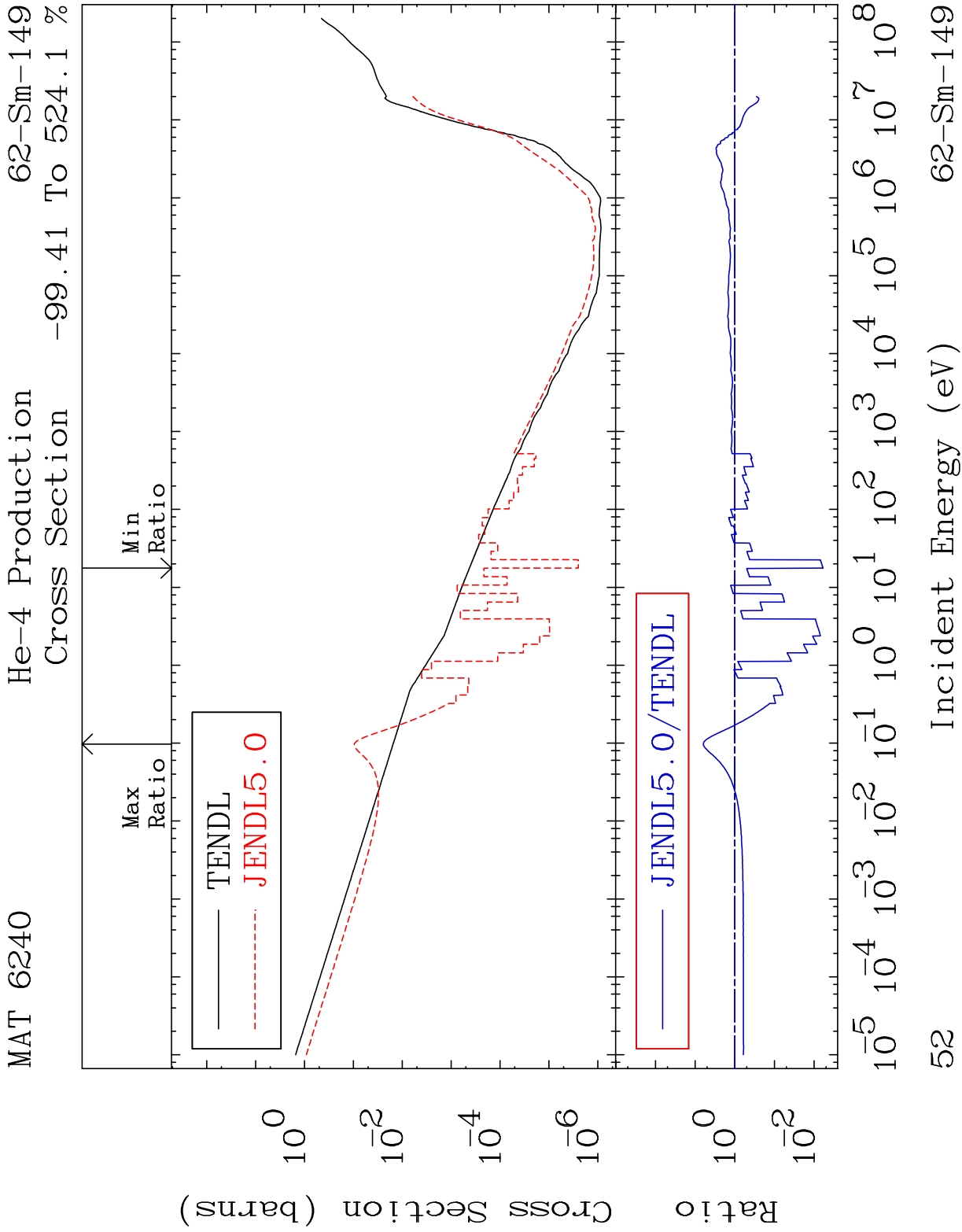




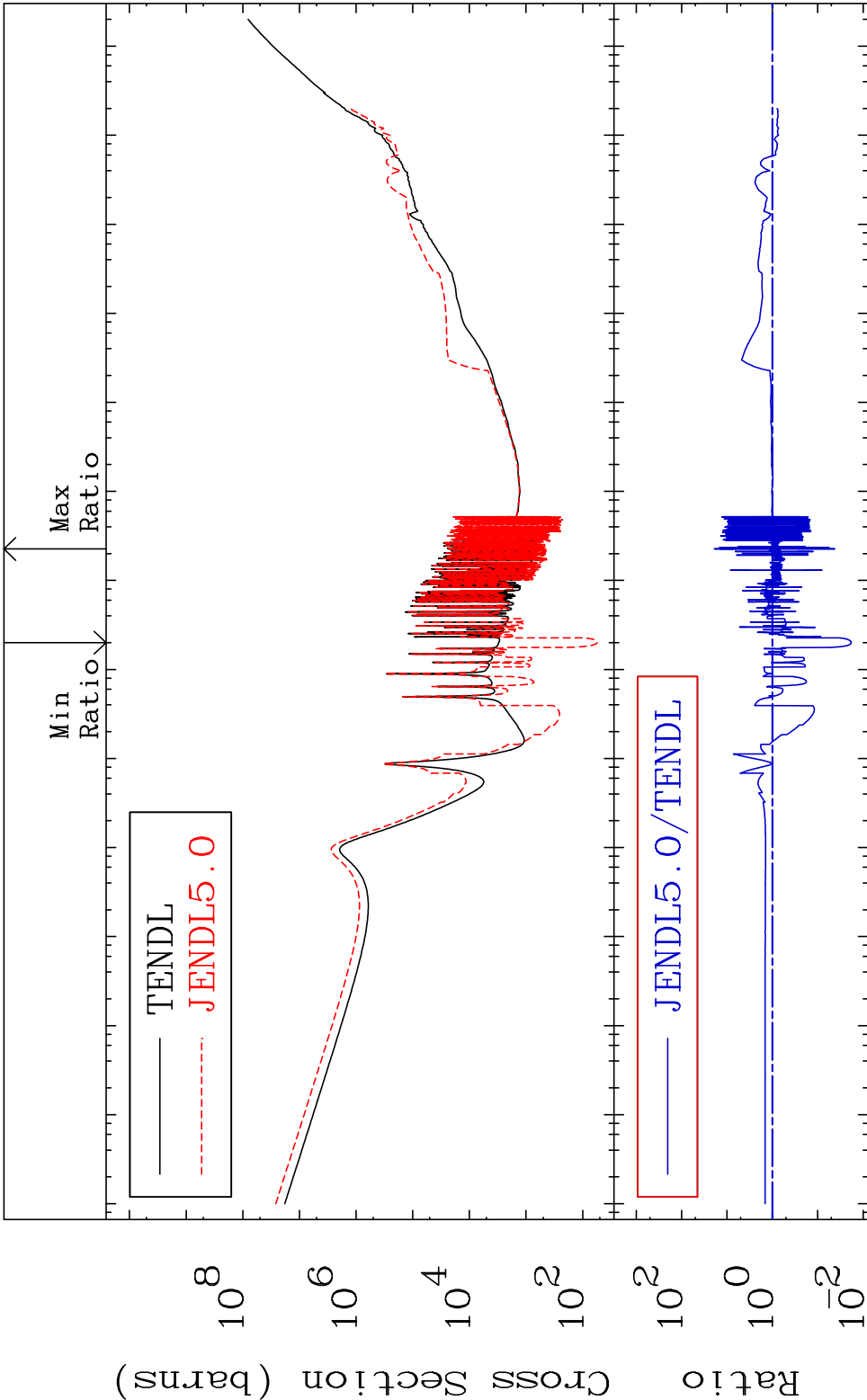








MAT 6240 Kerma total (eV-barns) 62-Sm-149
 Cross Section -98.16 To 1813. %

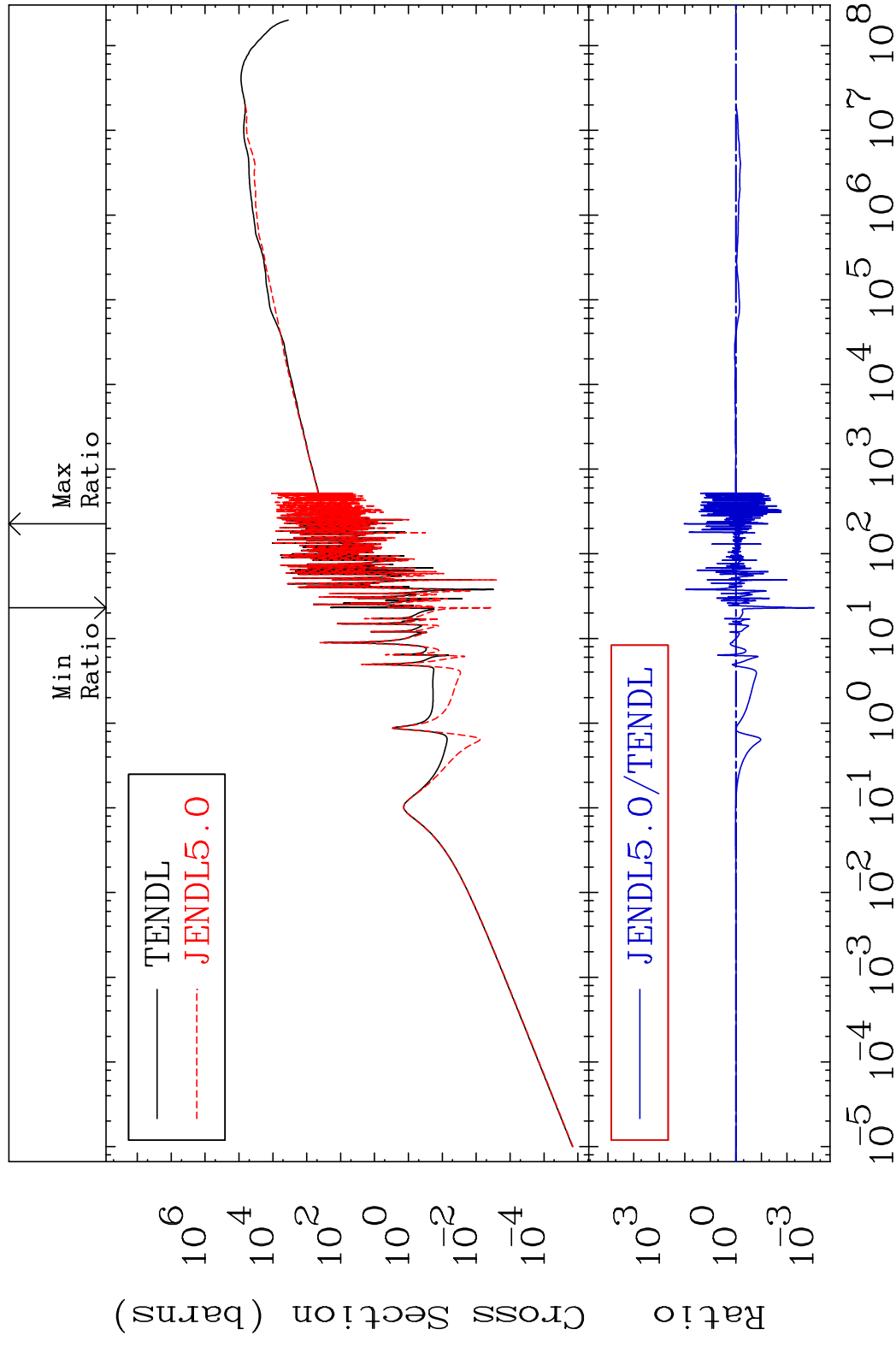


MAT 6240

Kerma elastic

62-Sm-149

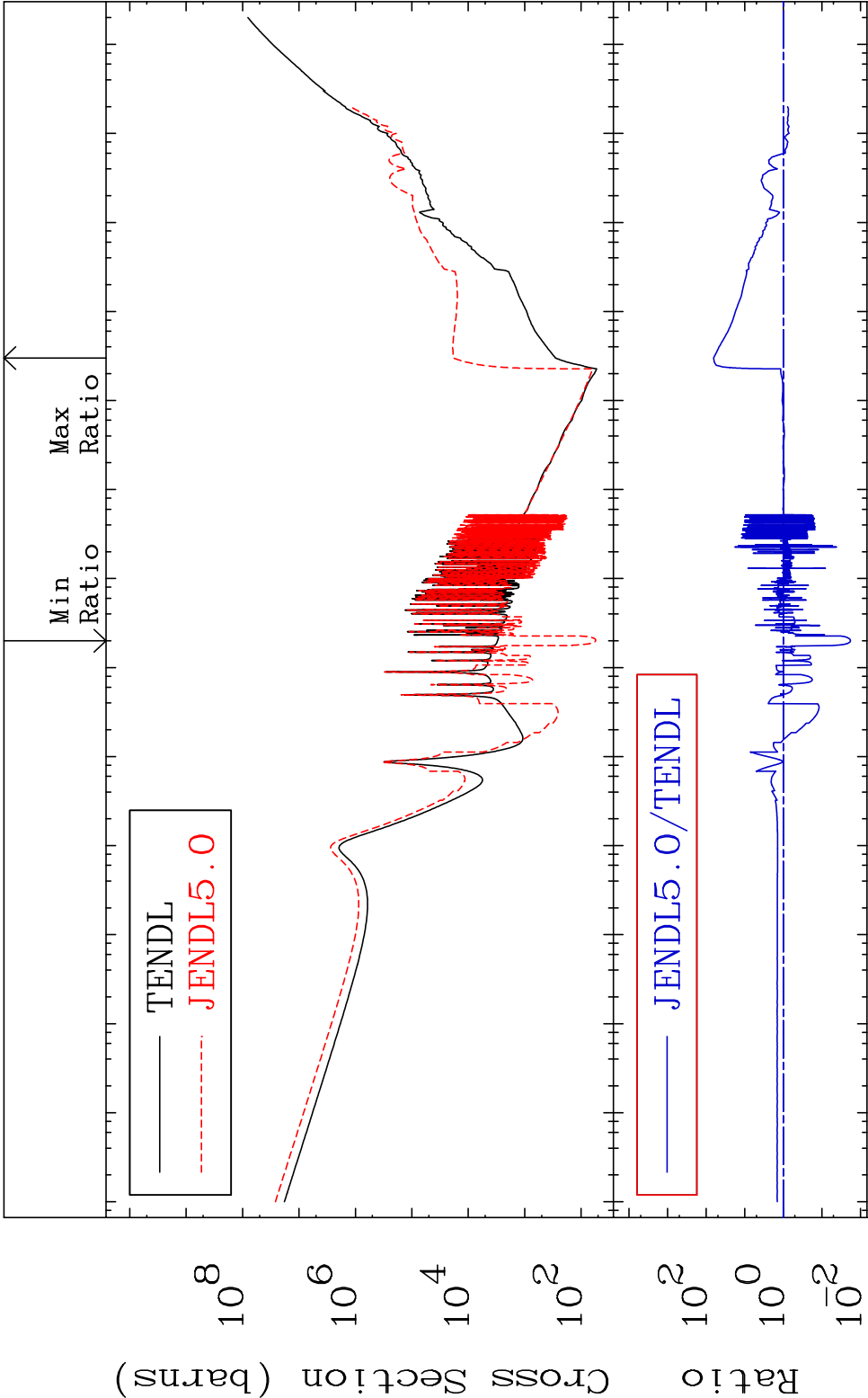
Cross Section -99.91 To 9999. %

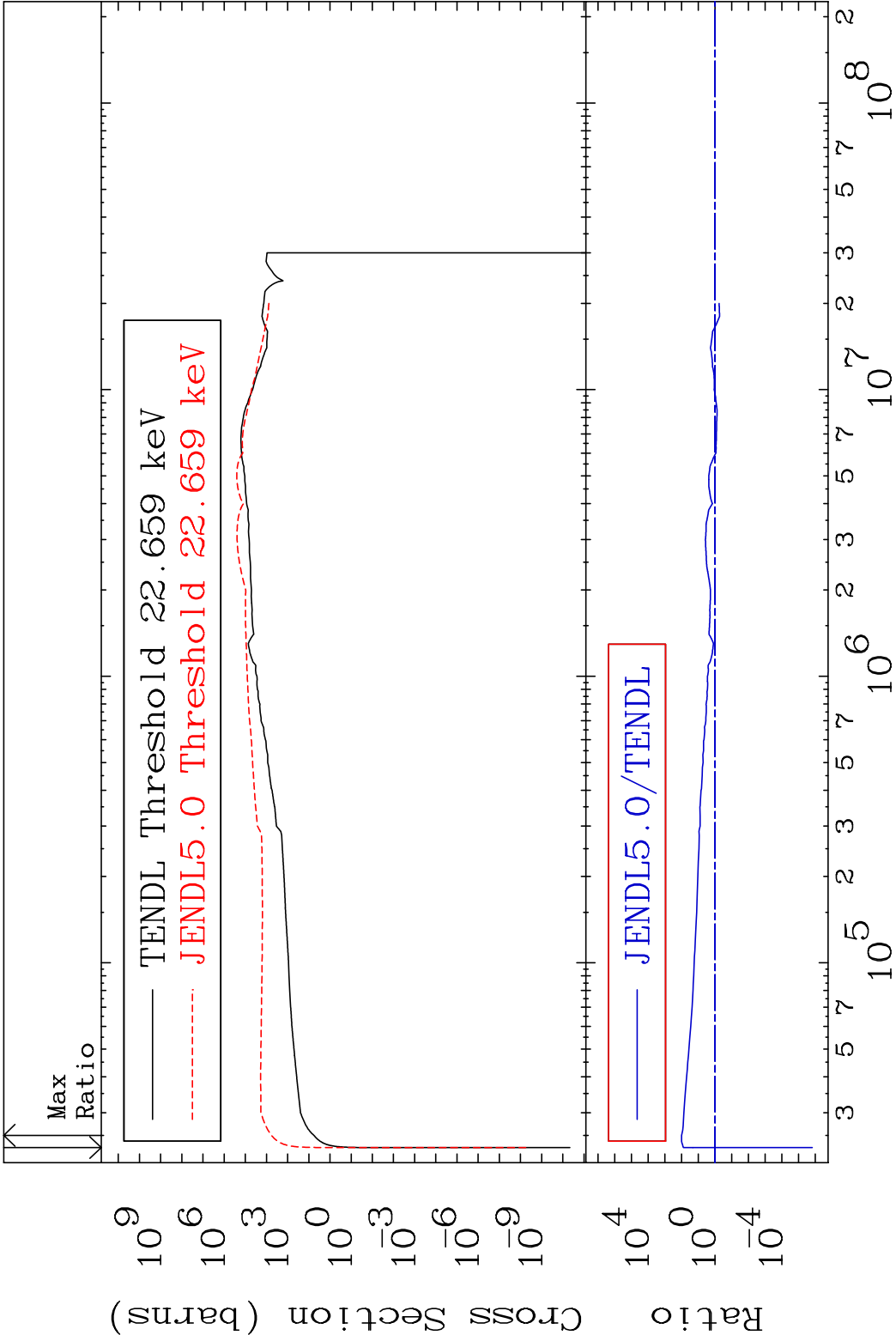


45

Incident Energy (eV)

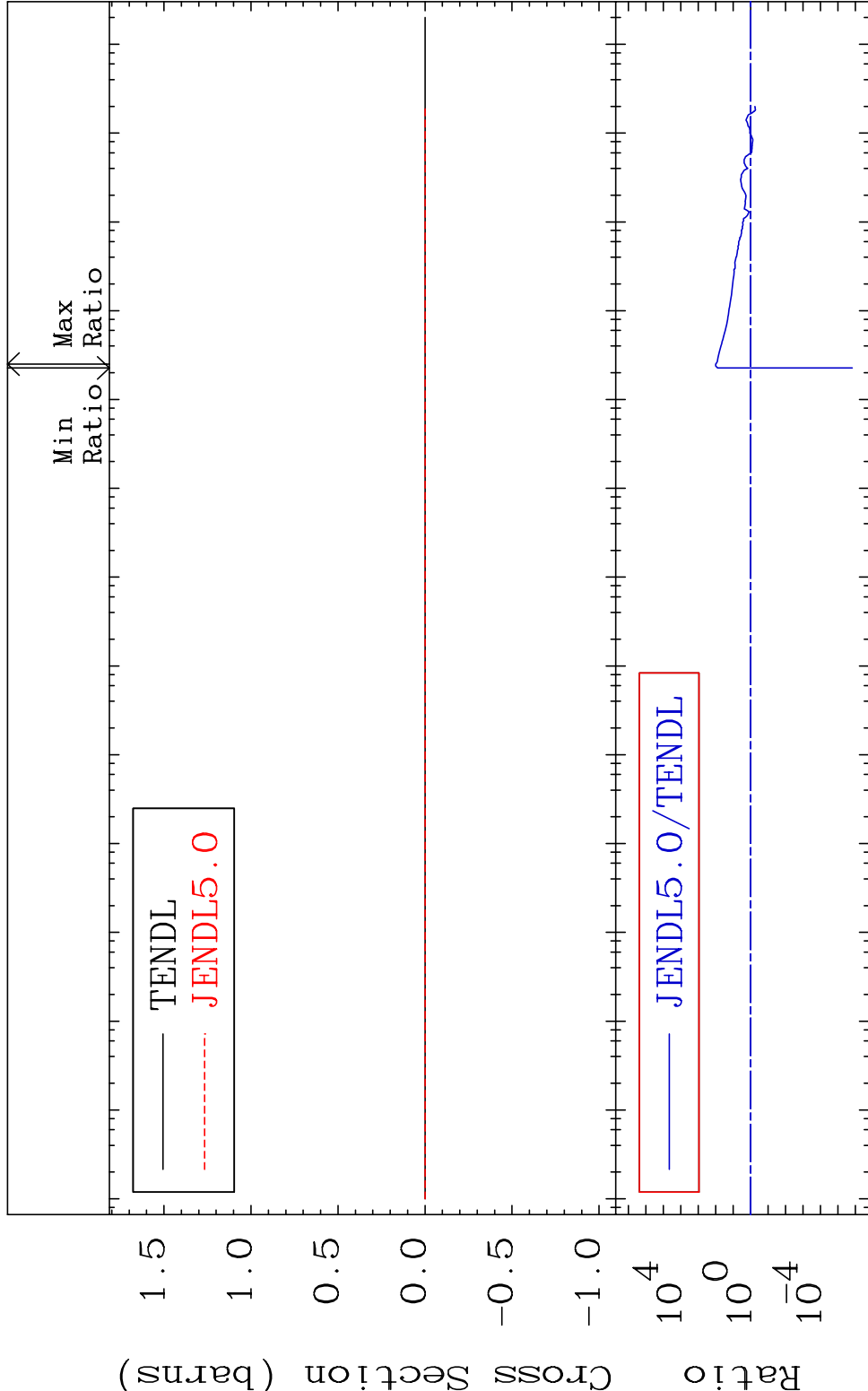
62-Sm-149



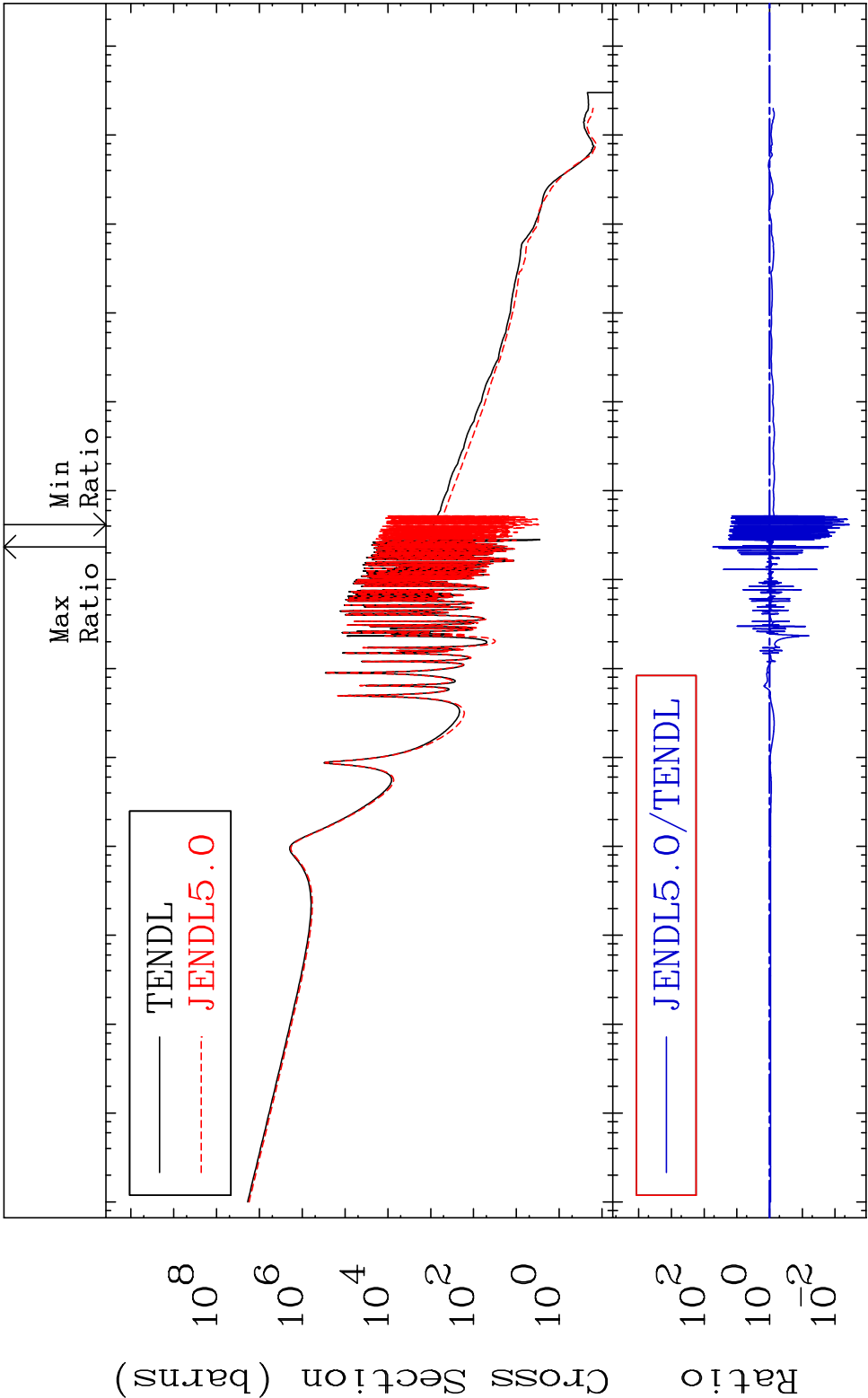


MAT 6240 Kerma fission (mt18 or mt19-20-21-38)62-Sm-149

Cross Section -100.0 To 9999. %



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



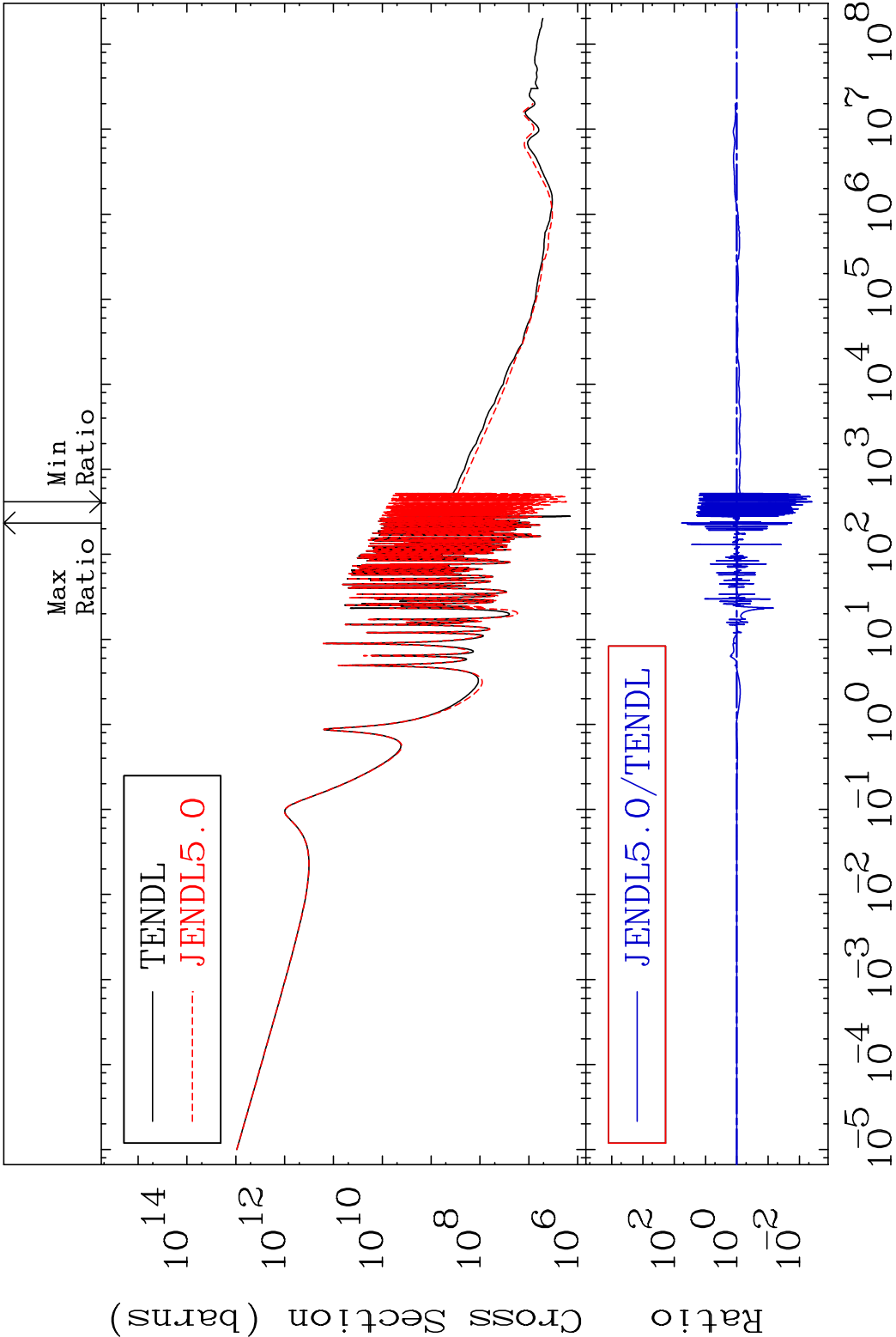
MAT 6240

Total photon (eV-barns)

62-Sm-149

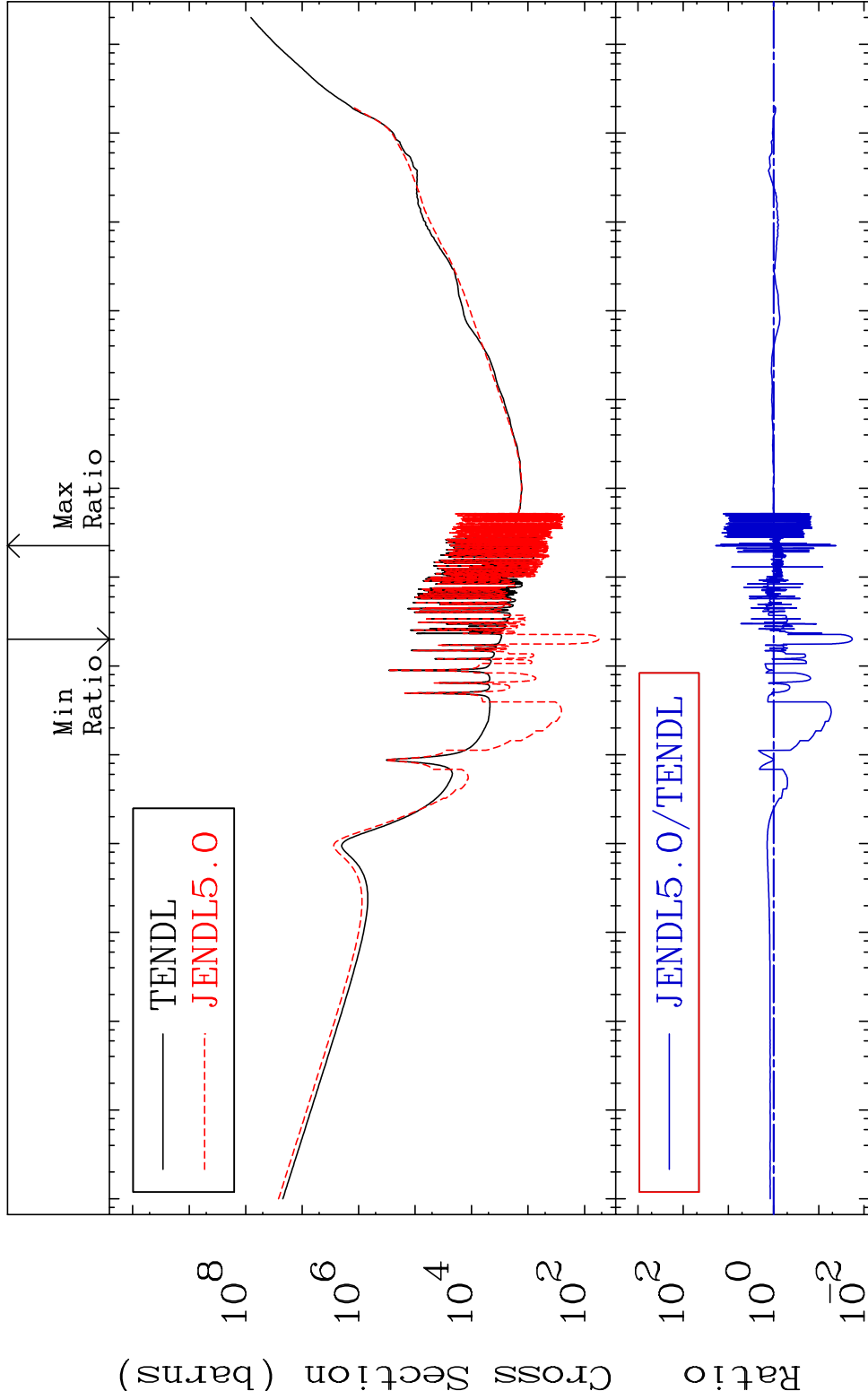
Cross Section

-99.61 To 5739. %



MAT 6240 Total kinematic kerma (high limit) 62-Sm-149

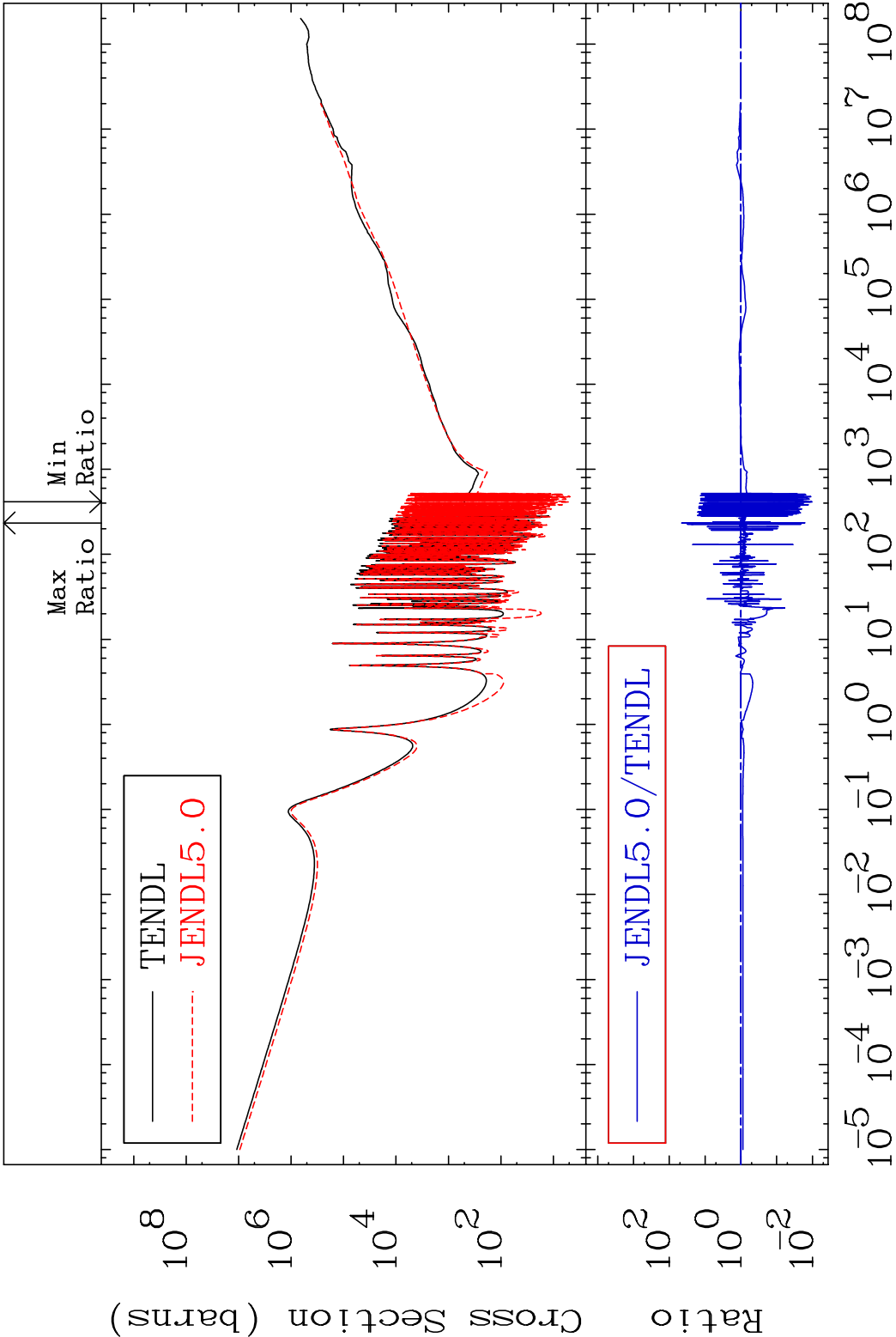
Cross Section -98.18 To 1807. %



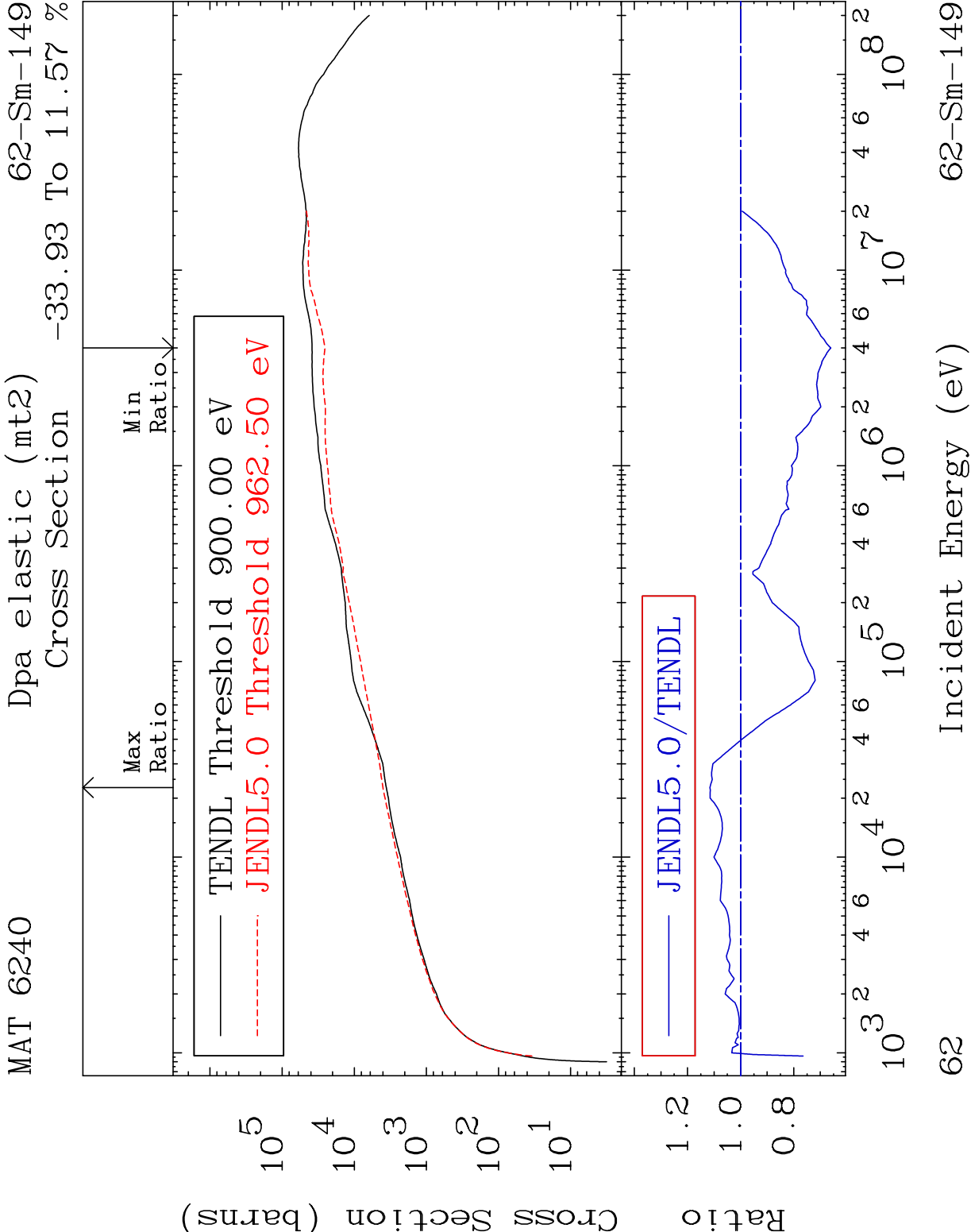
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

60 Incident Energy (eV) 62-Sm-149

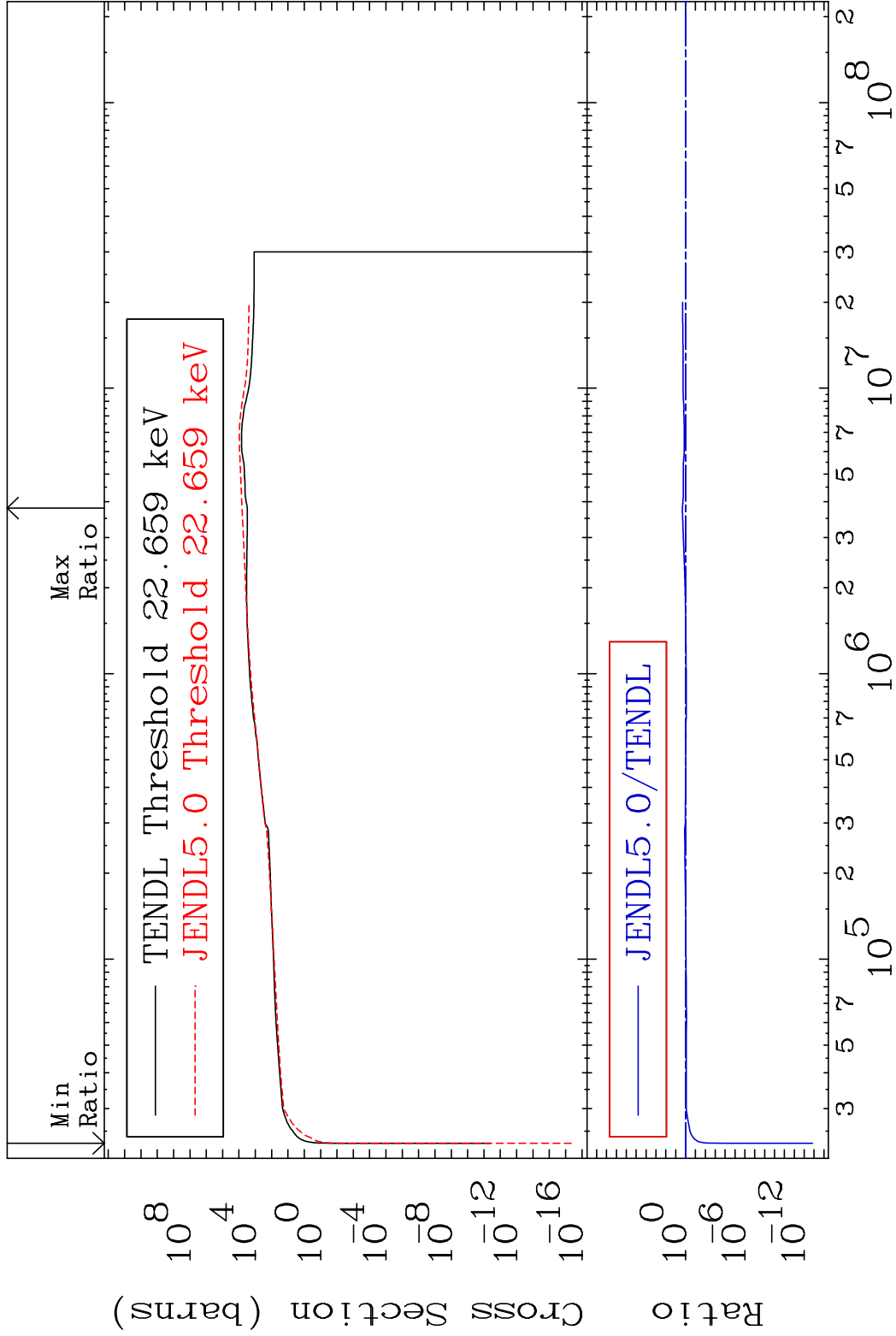
MAT 6240 Dpa total (eV-barns) 62-Sm-149
Cross Section -98.99 To 4447. %



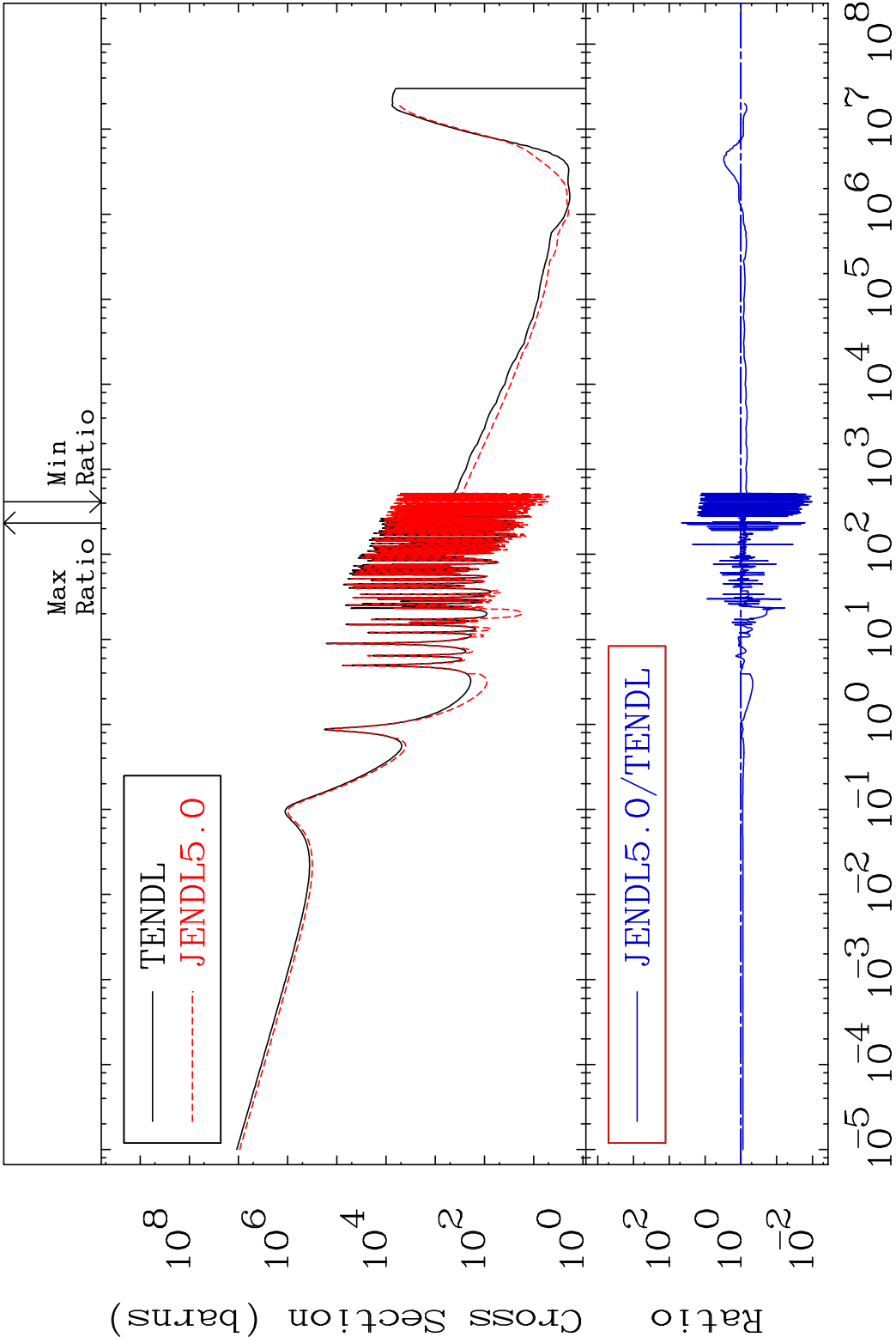
61 Incident Energy (eV) 62-Sm-149



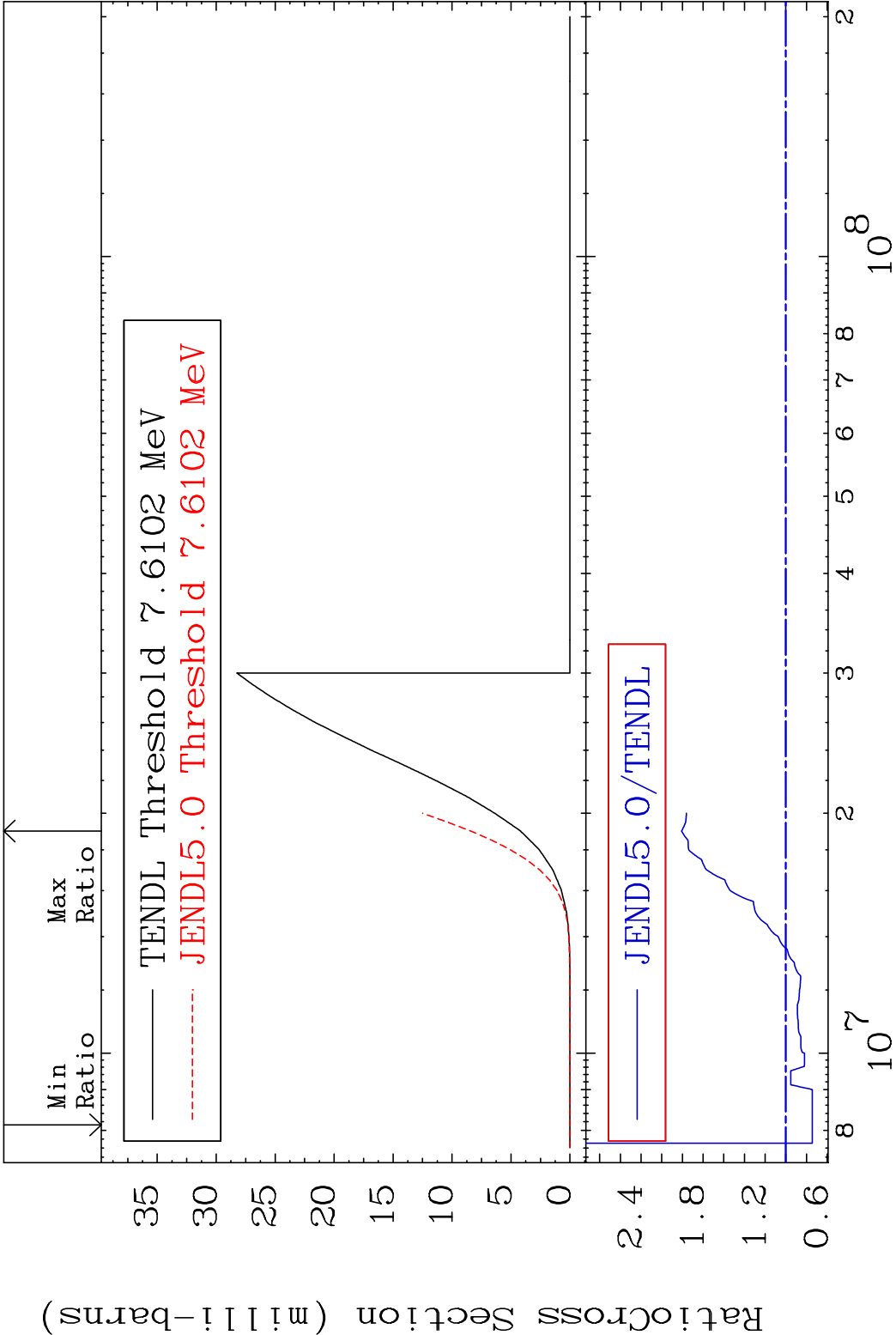
MAT 6240 Dpa inelastic (mt51-91) 62-Sm-149
Cross Section -100.0 To 111.9 %

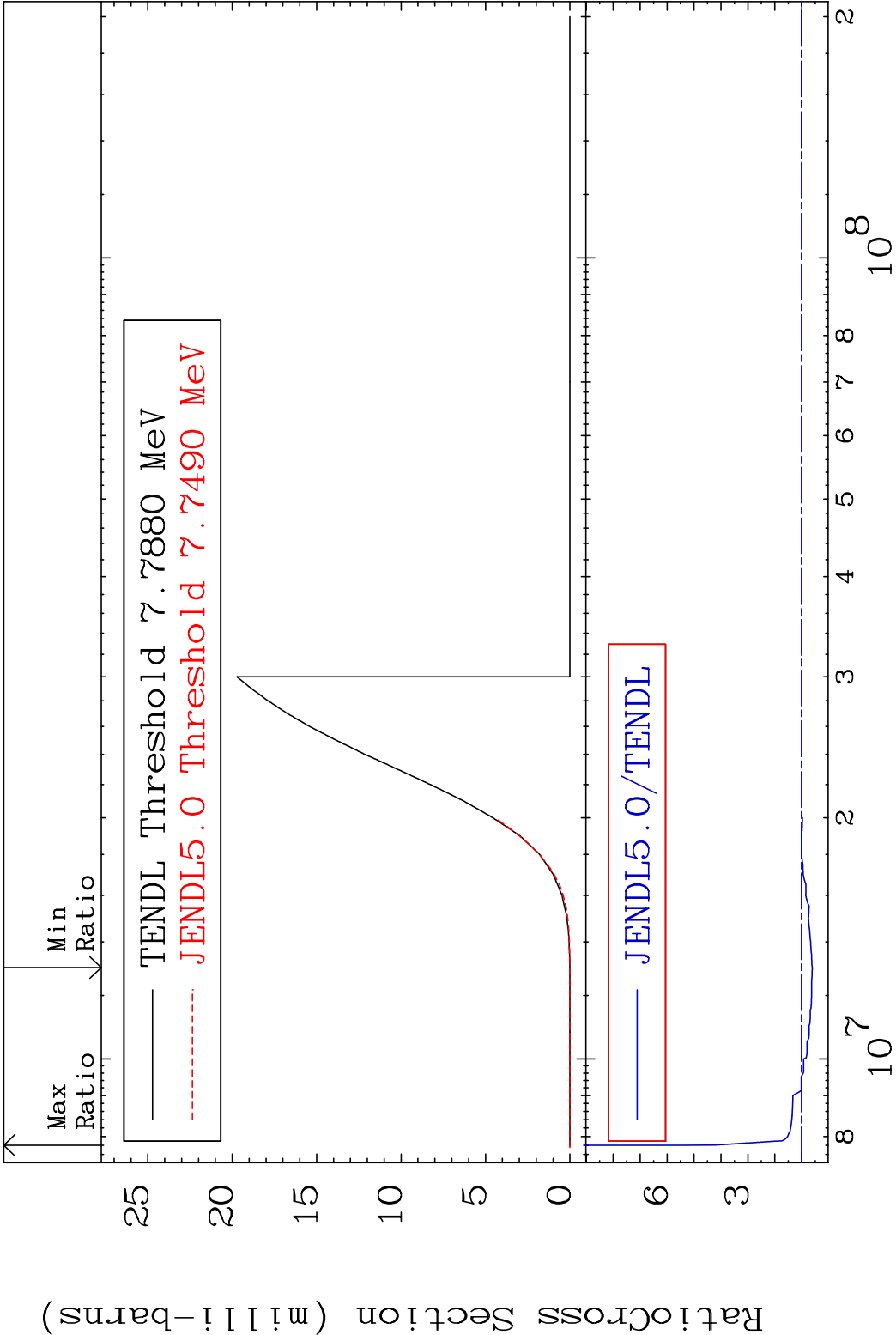


MAT 6240 Dpa disappearance (mt102 -120) 62-Sm-149
Cross Section -98.99 To 4447. %

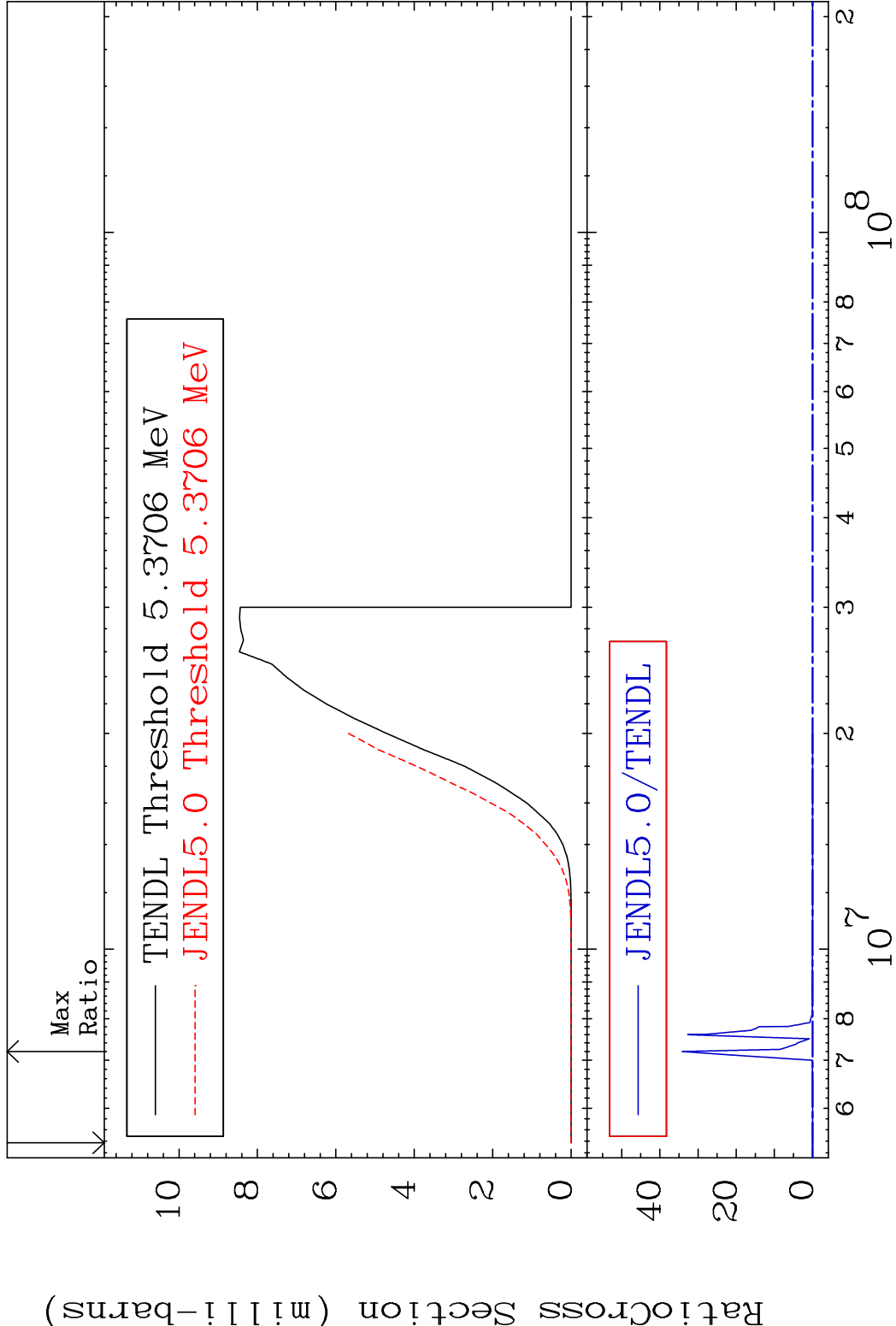


64 Incident Energy (eV) 62-Sm-149





Radionuclide Production Cross Section (mb)



Radionuclide Production Cross Section (mb)

