

Program Complot
(Version 2021-1)

by

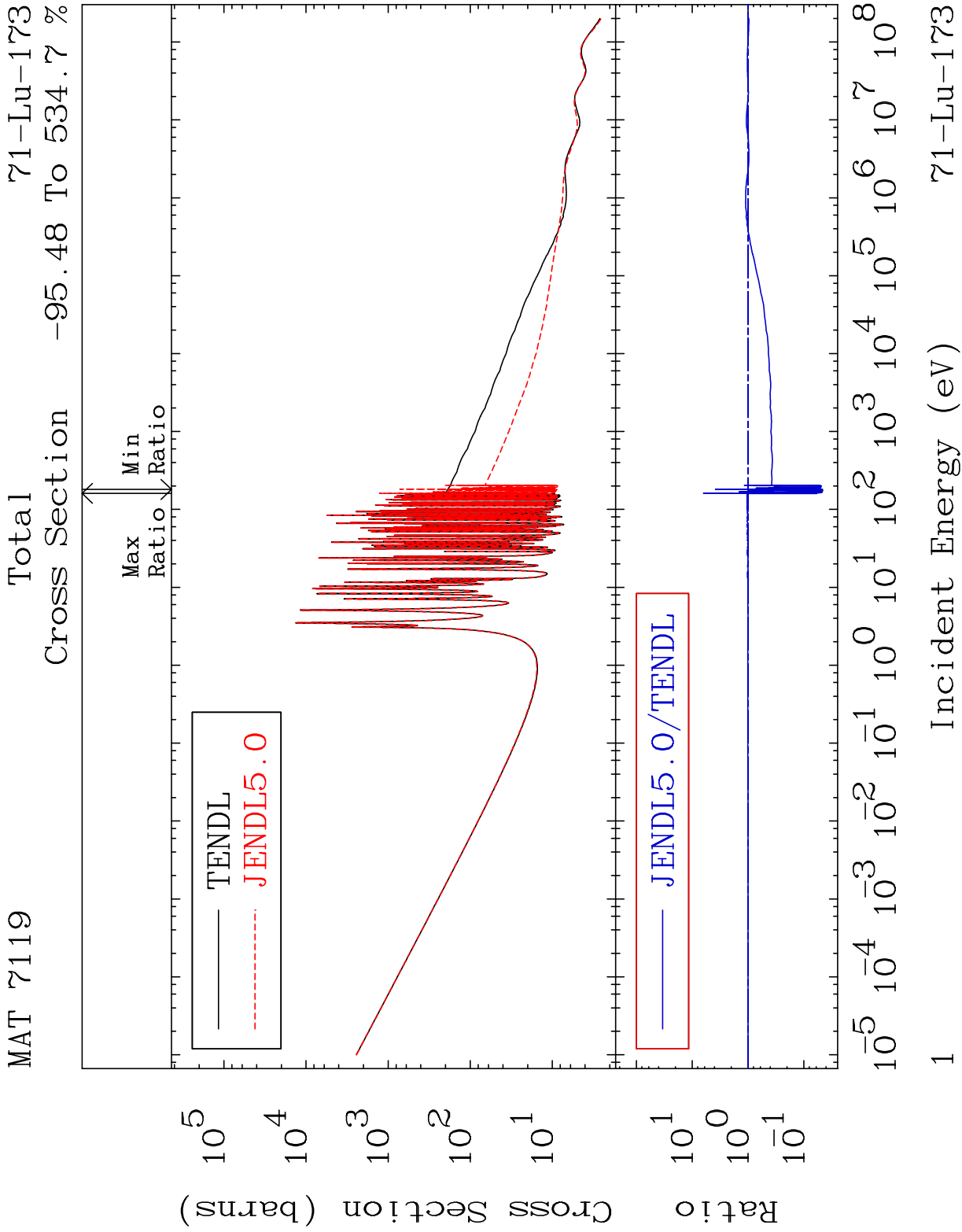
Dermott E. Cullen
(Present Contact Information)

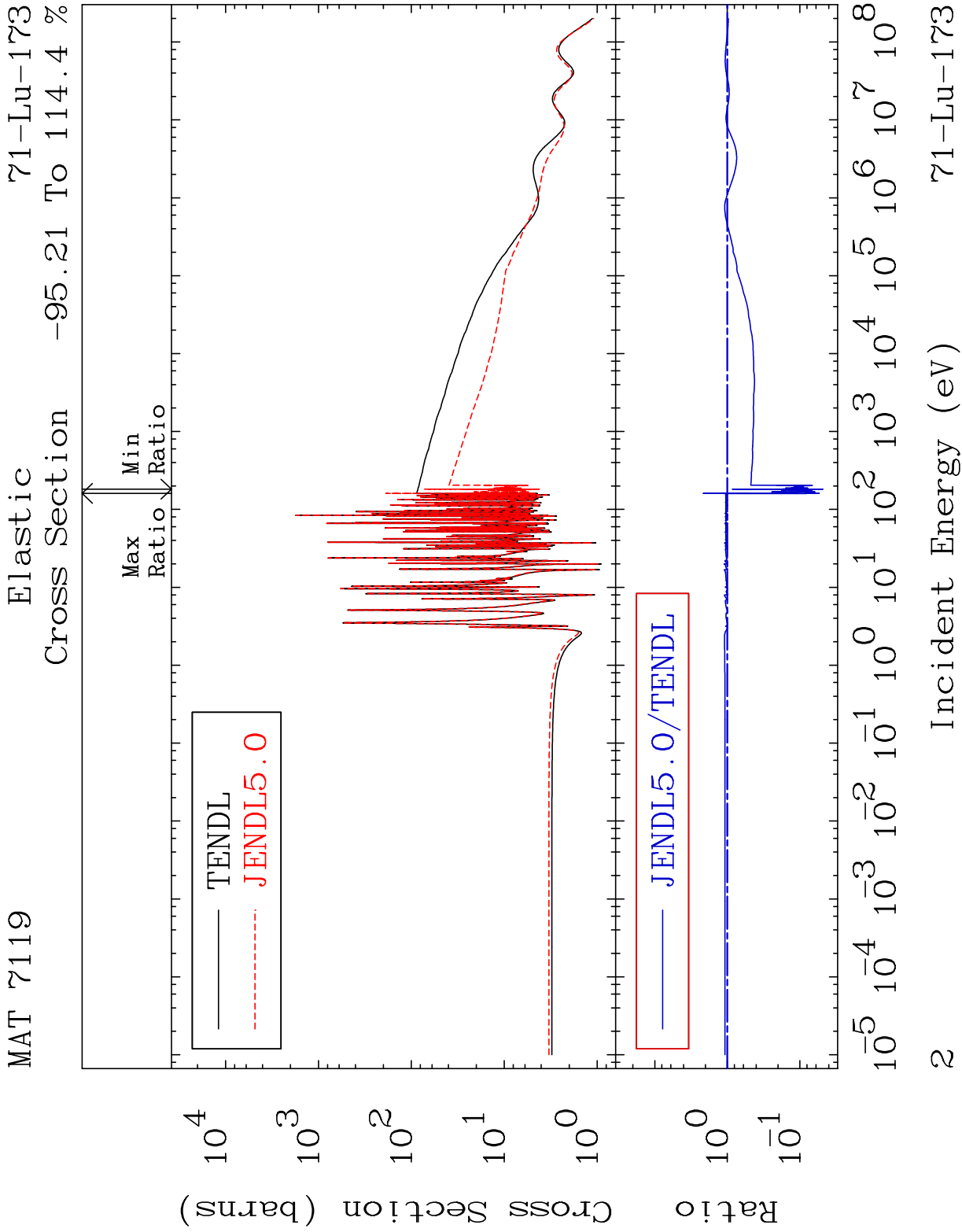
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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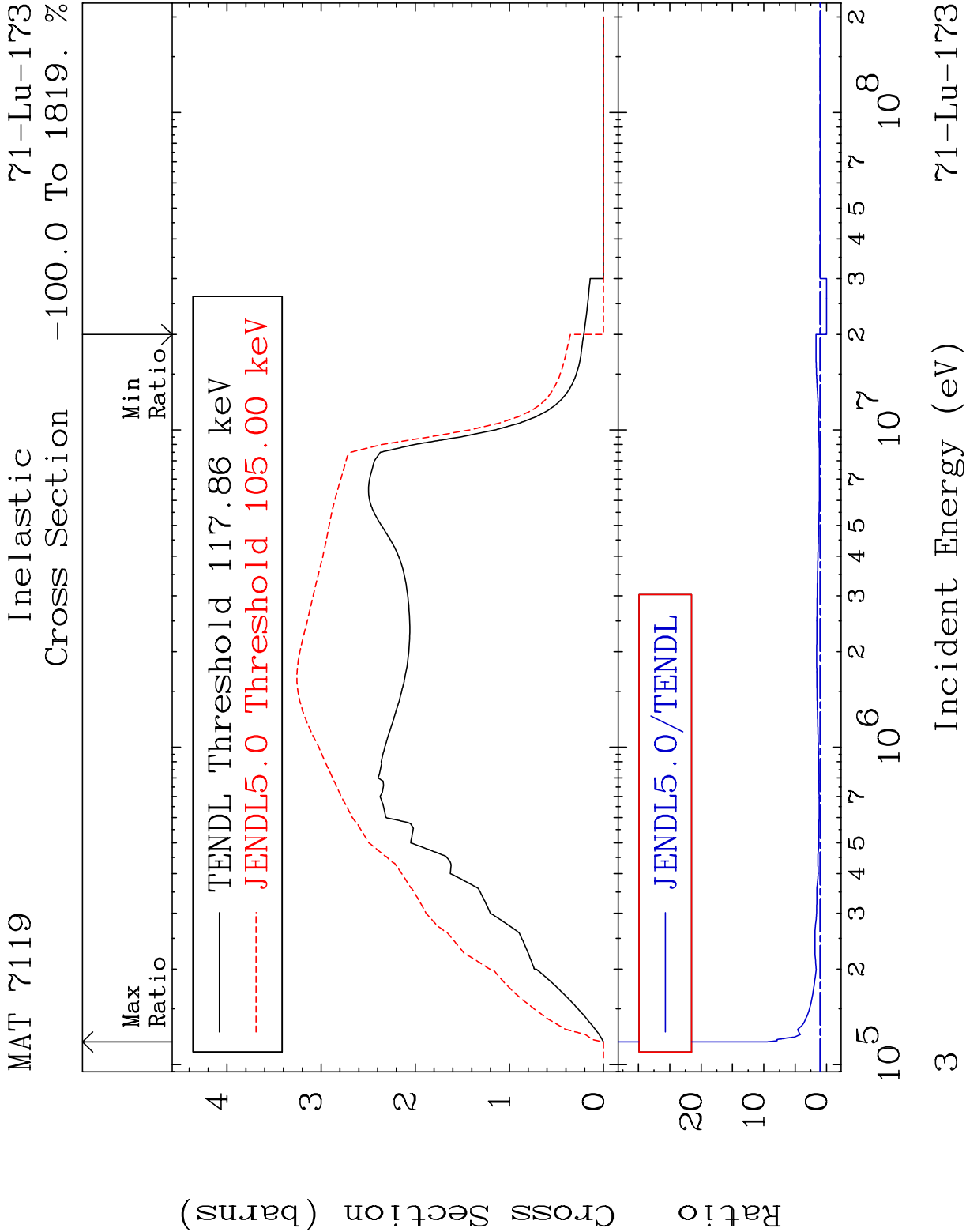
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

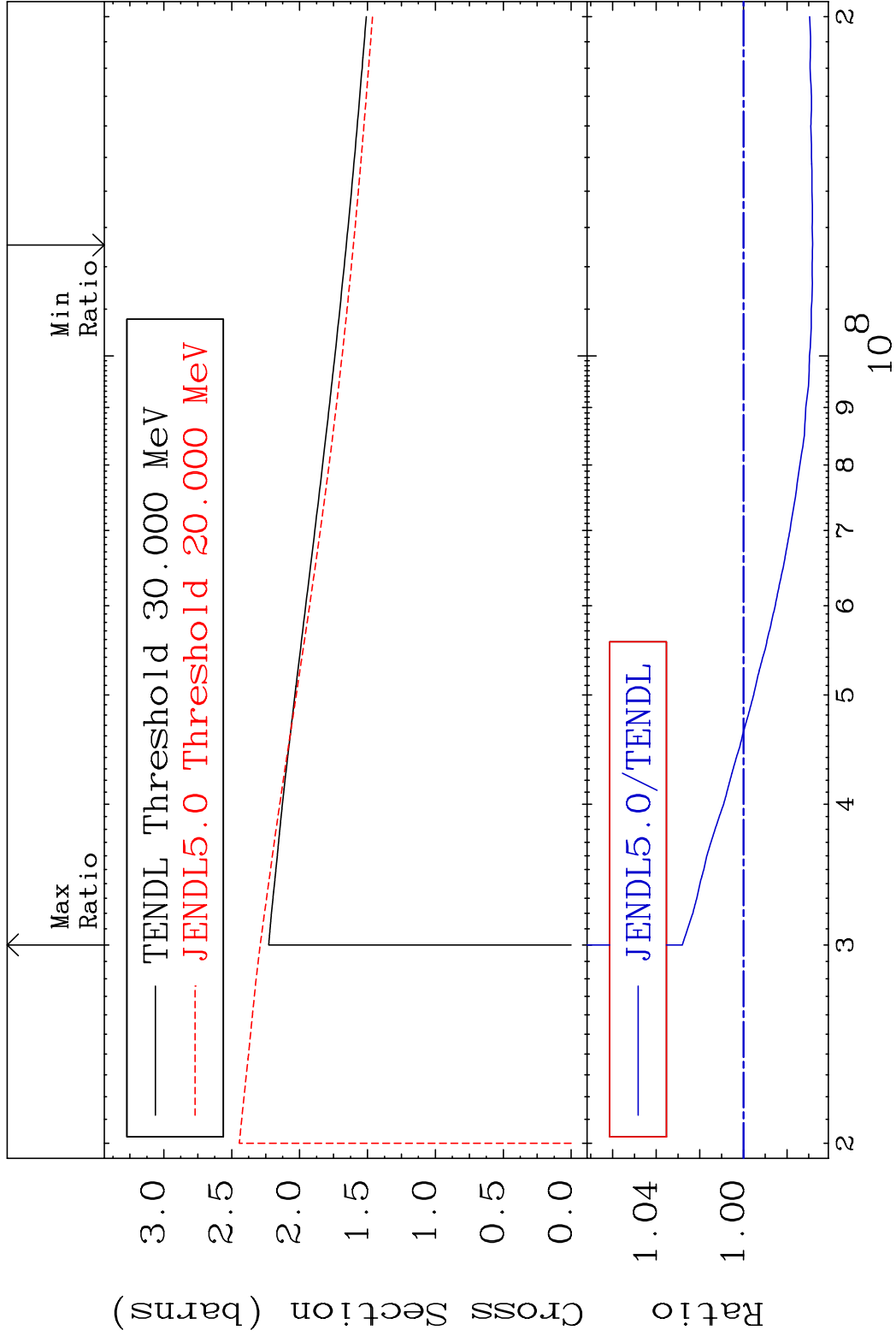
Press Mouse Button to Start

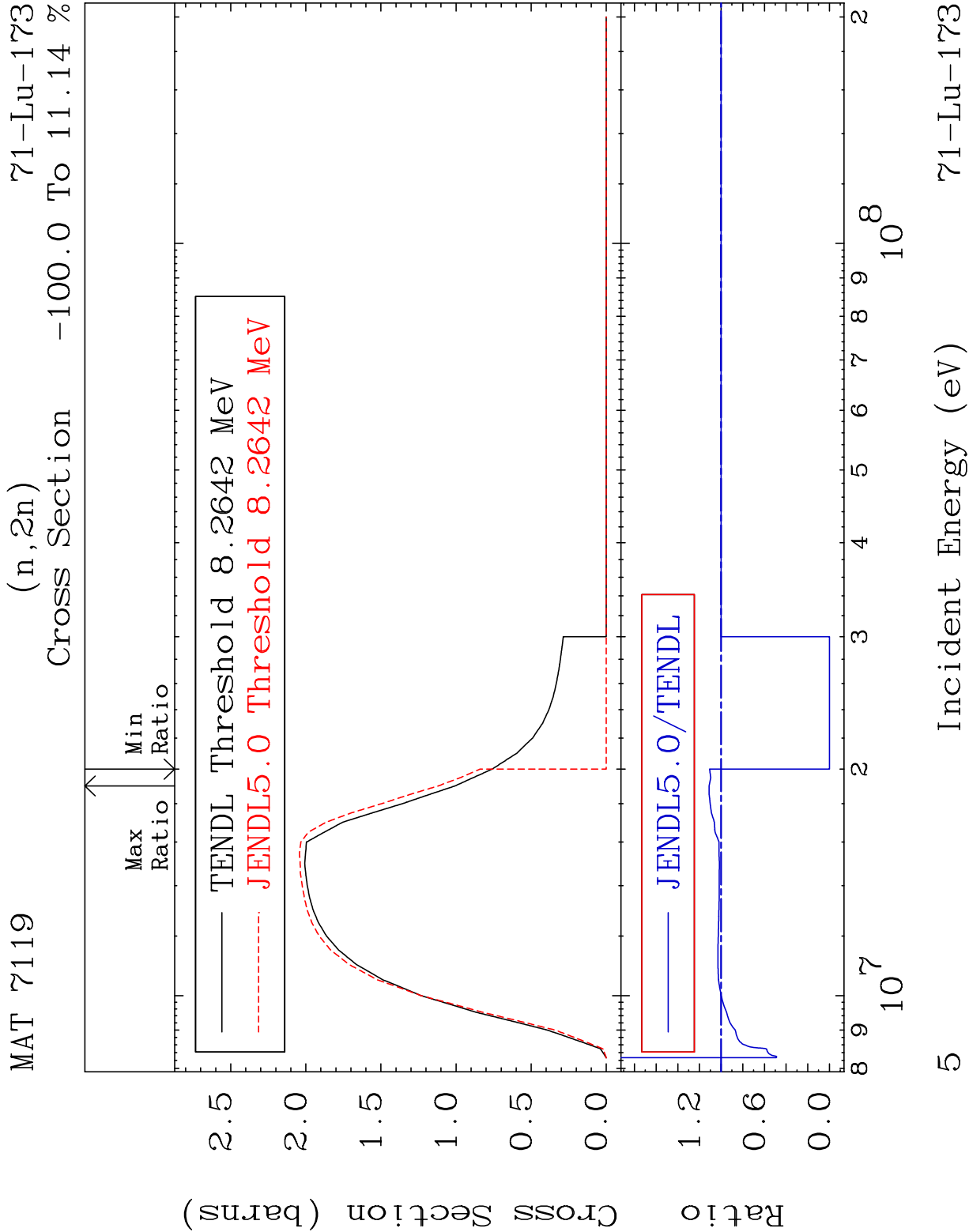


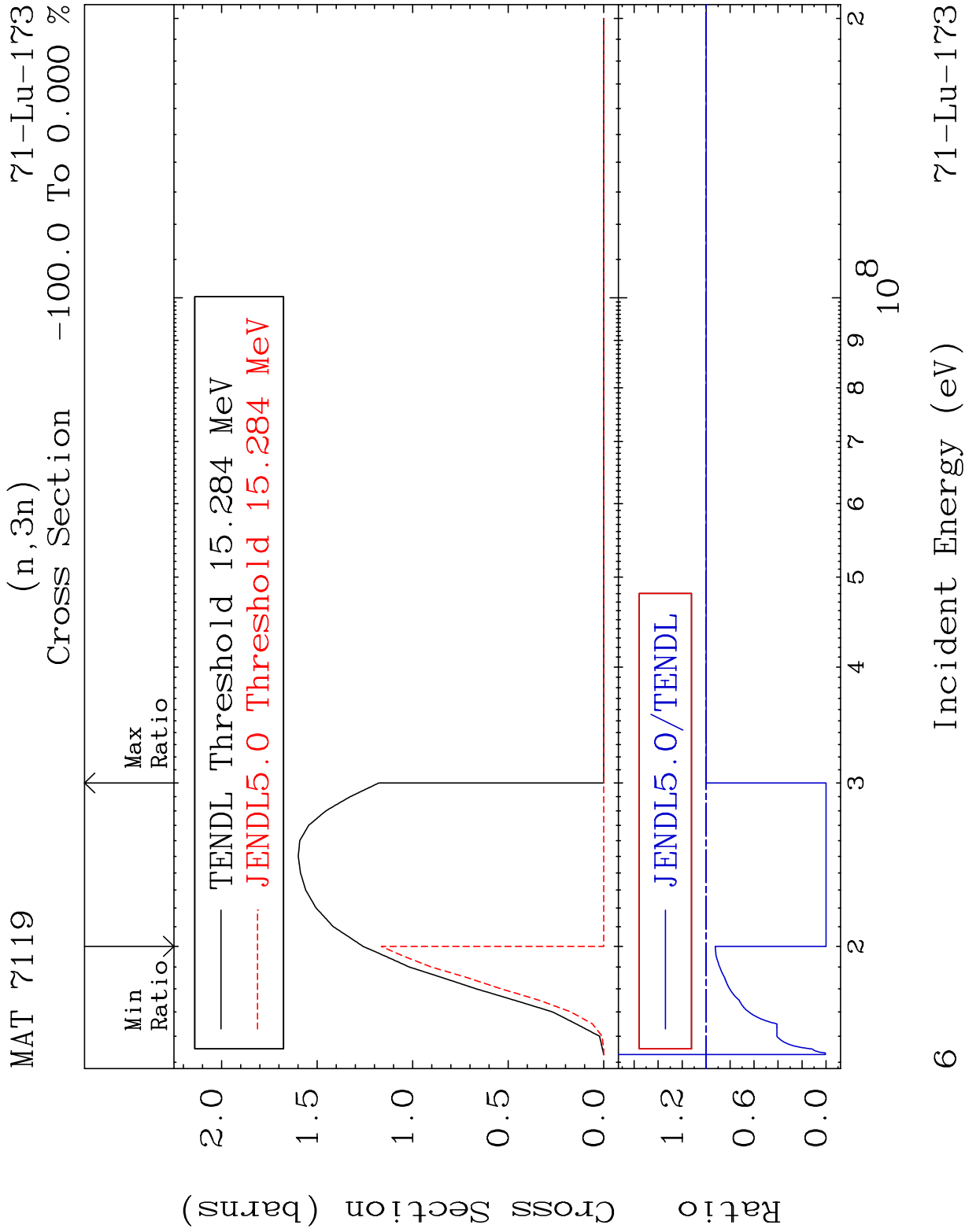


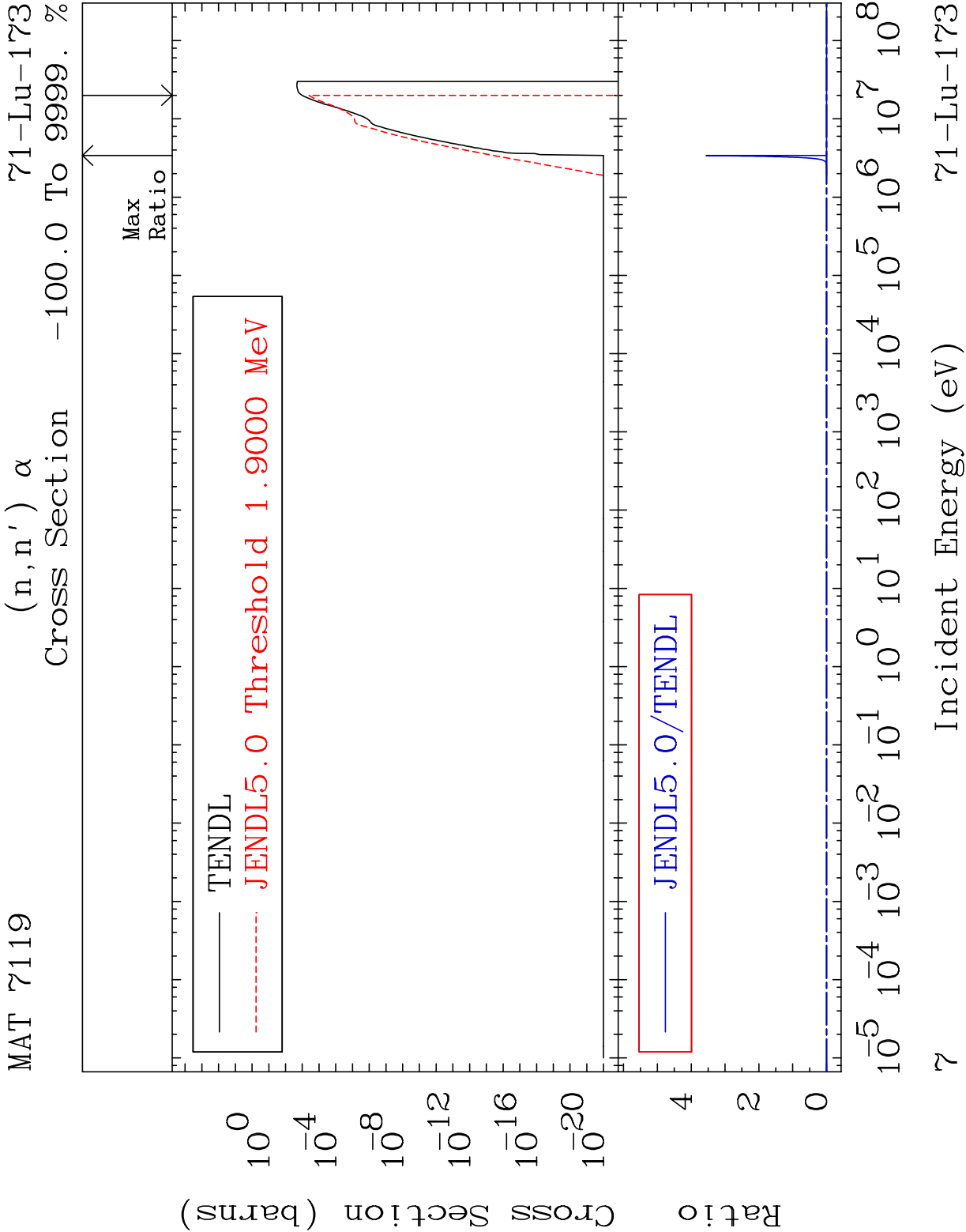


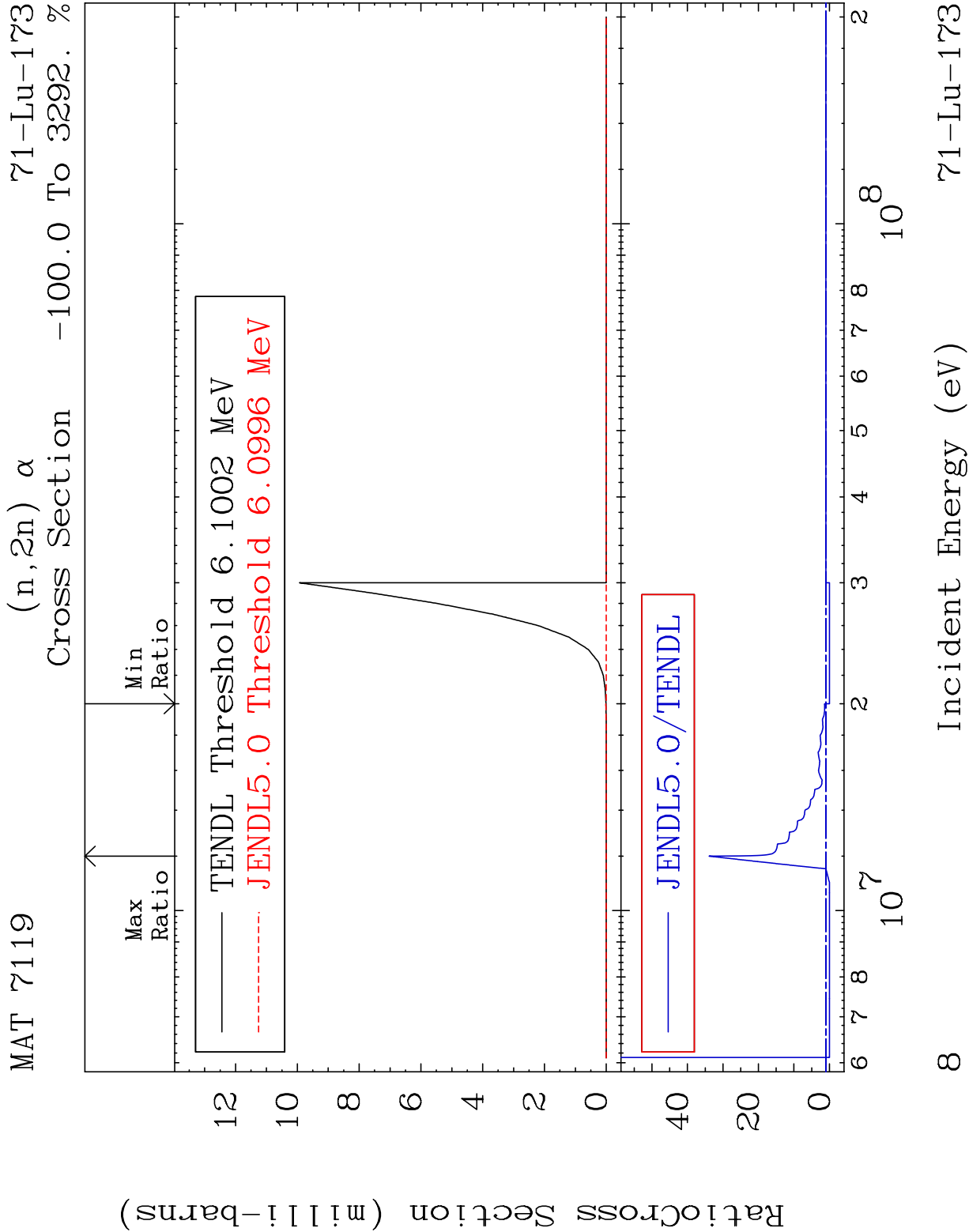
MAT 7119 (n, remainder) 71-Lu-173
Cross Section -3.171 To 2.801 %

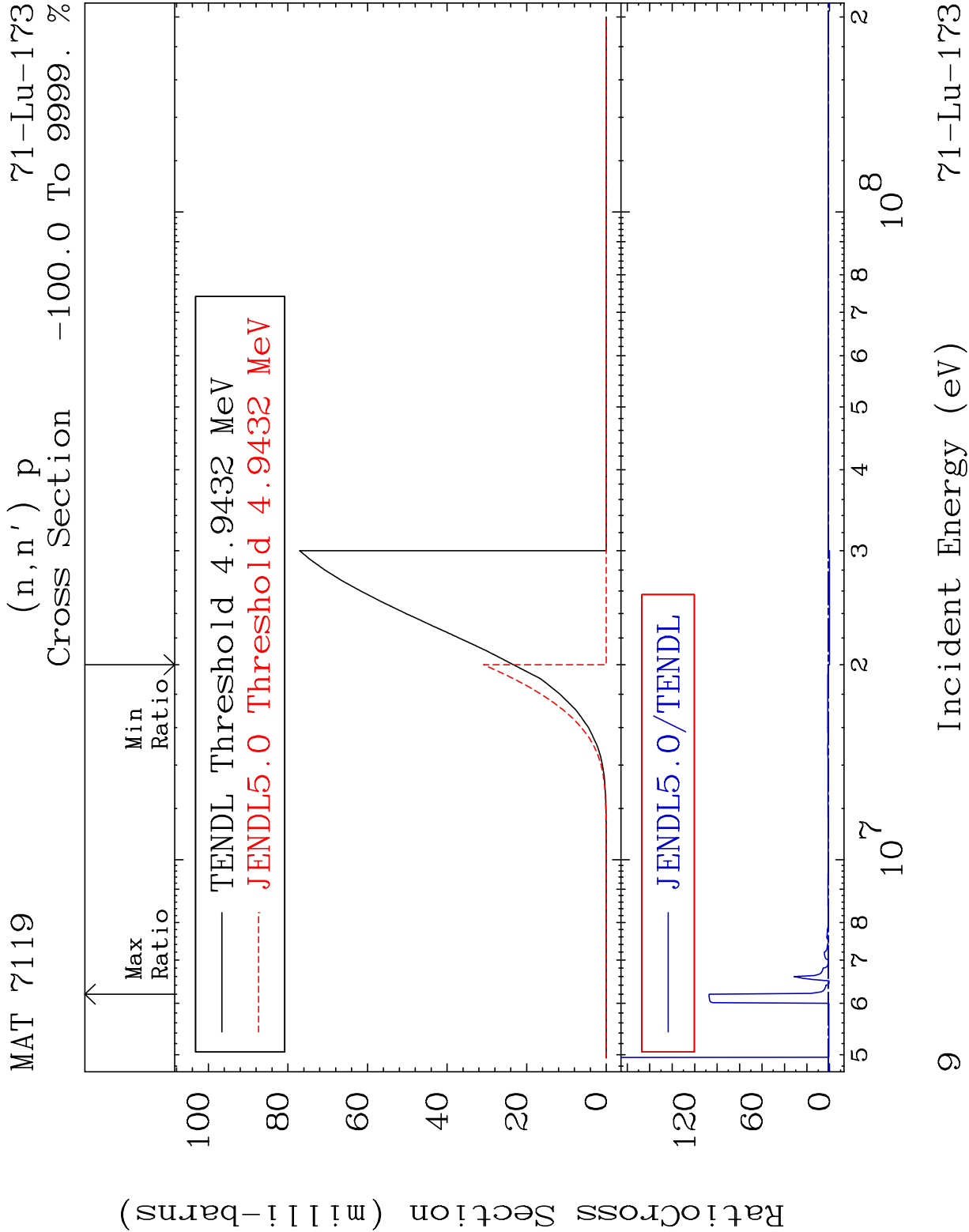


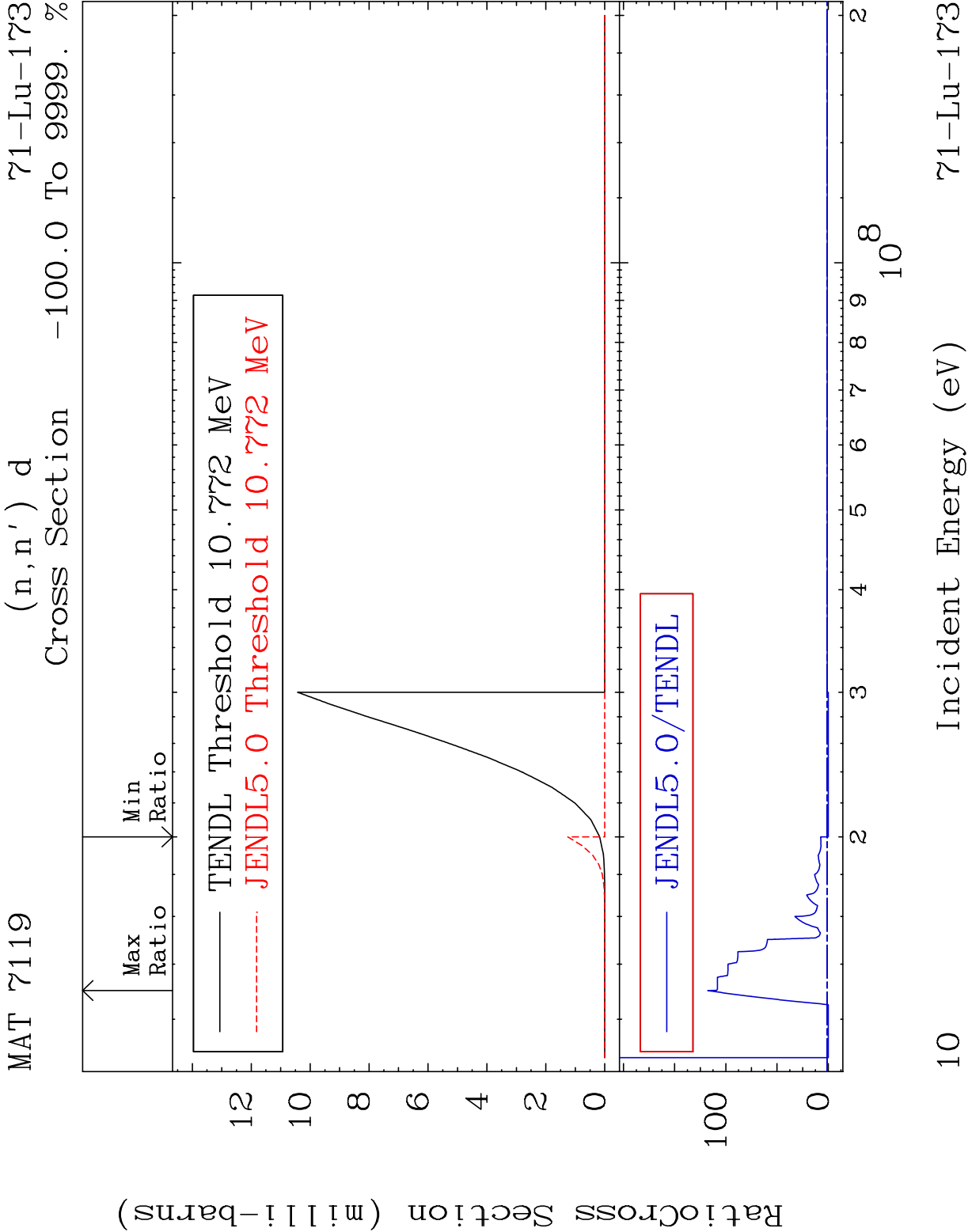


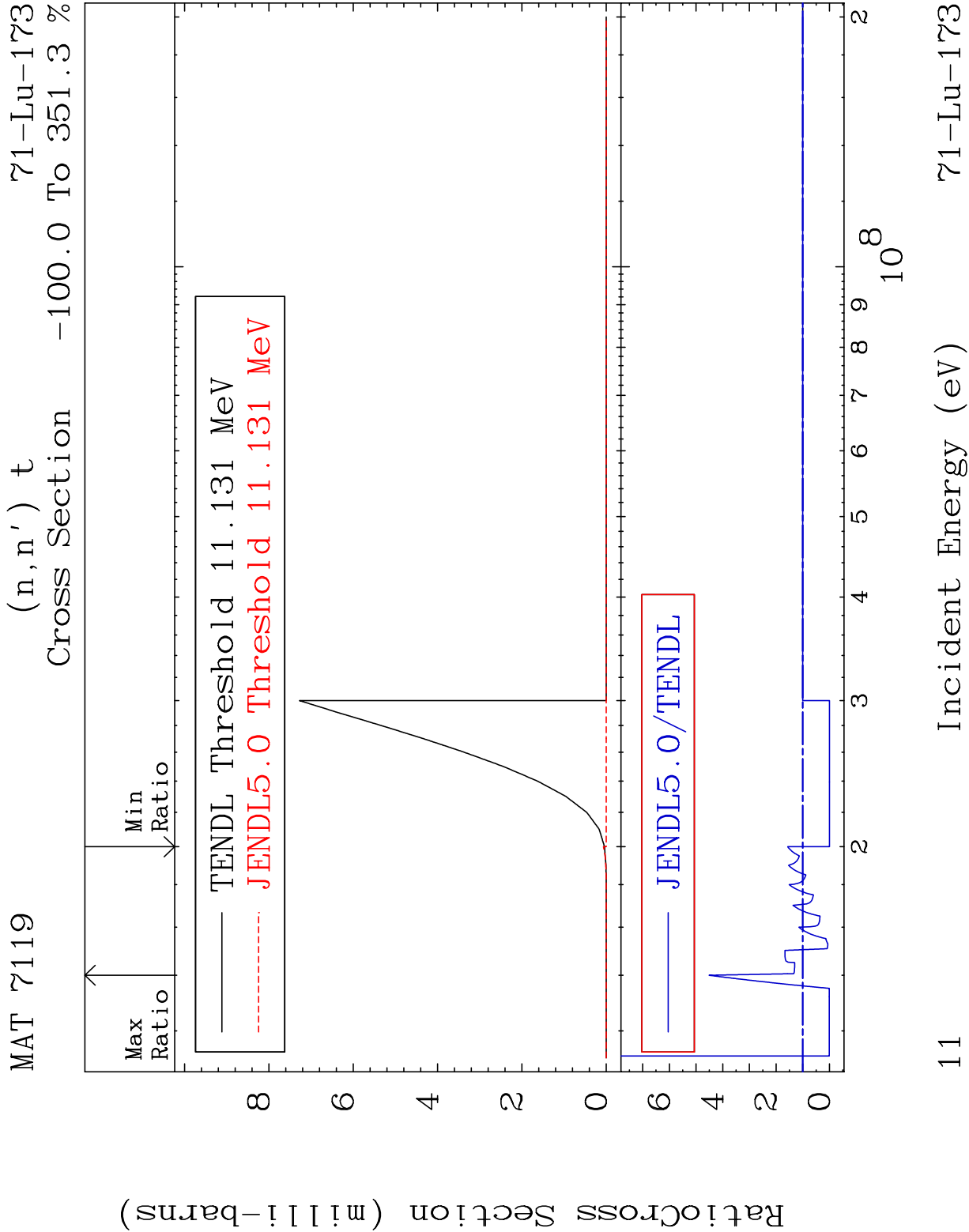


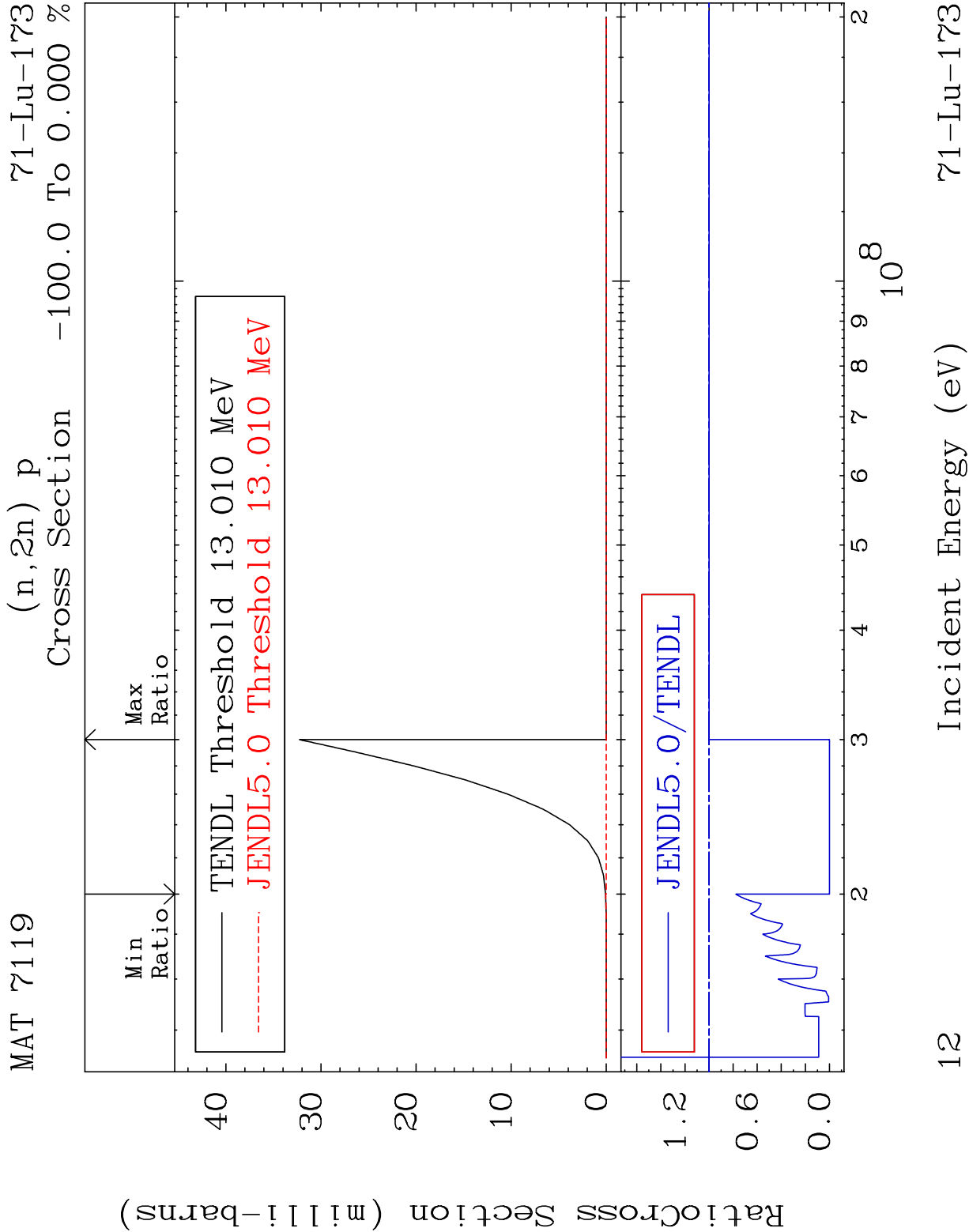


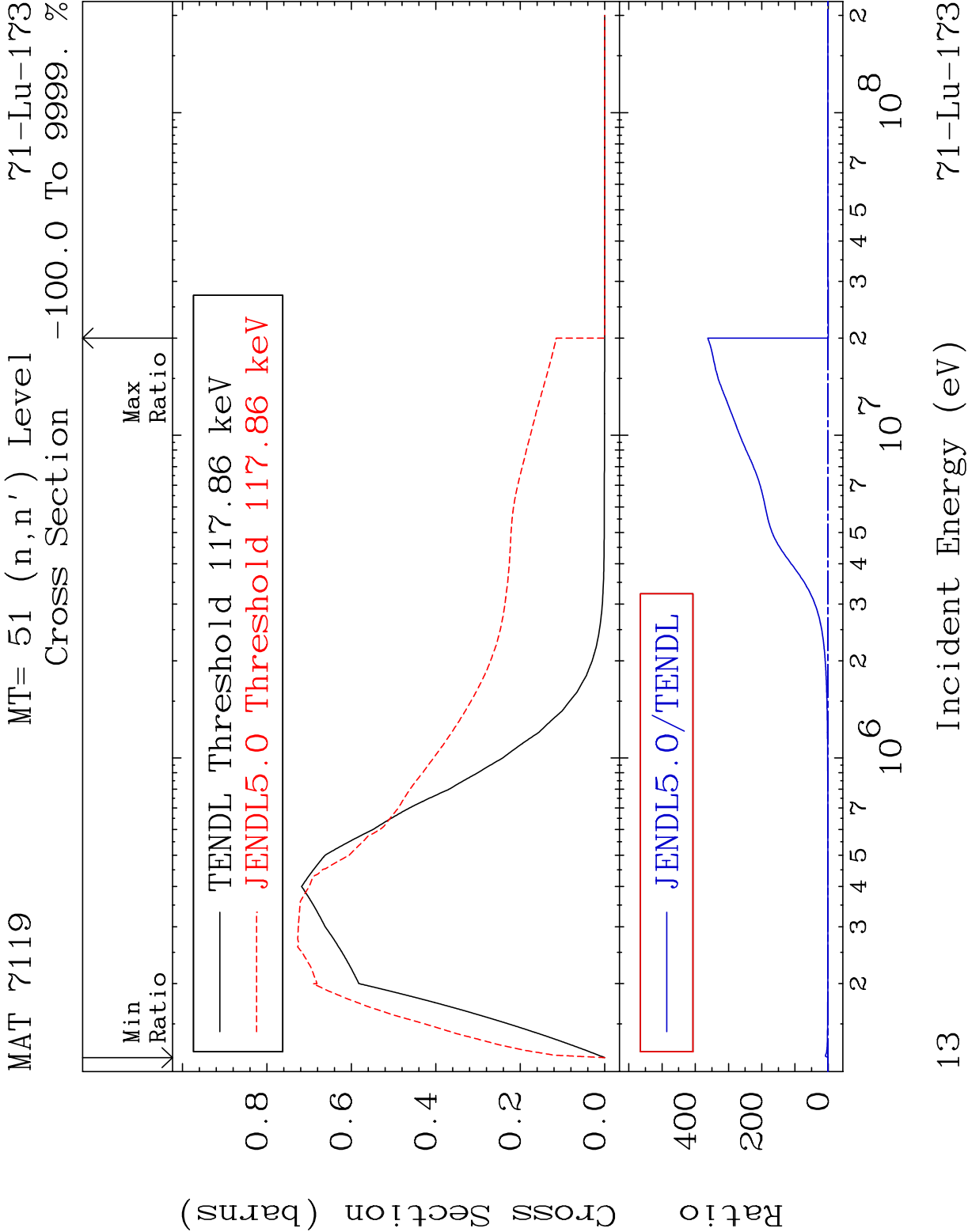




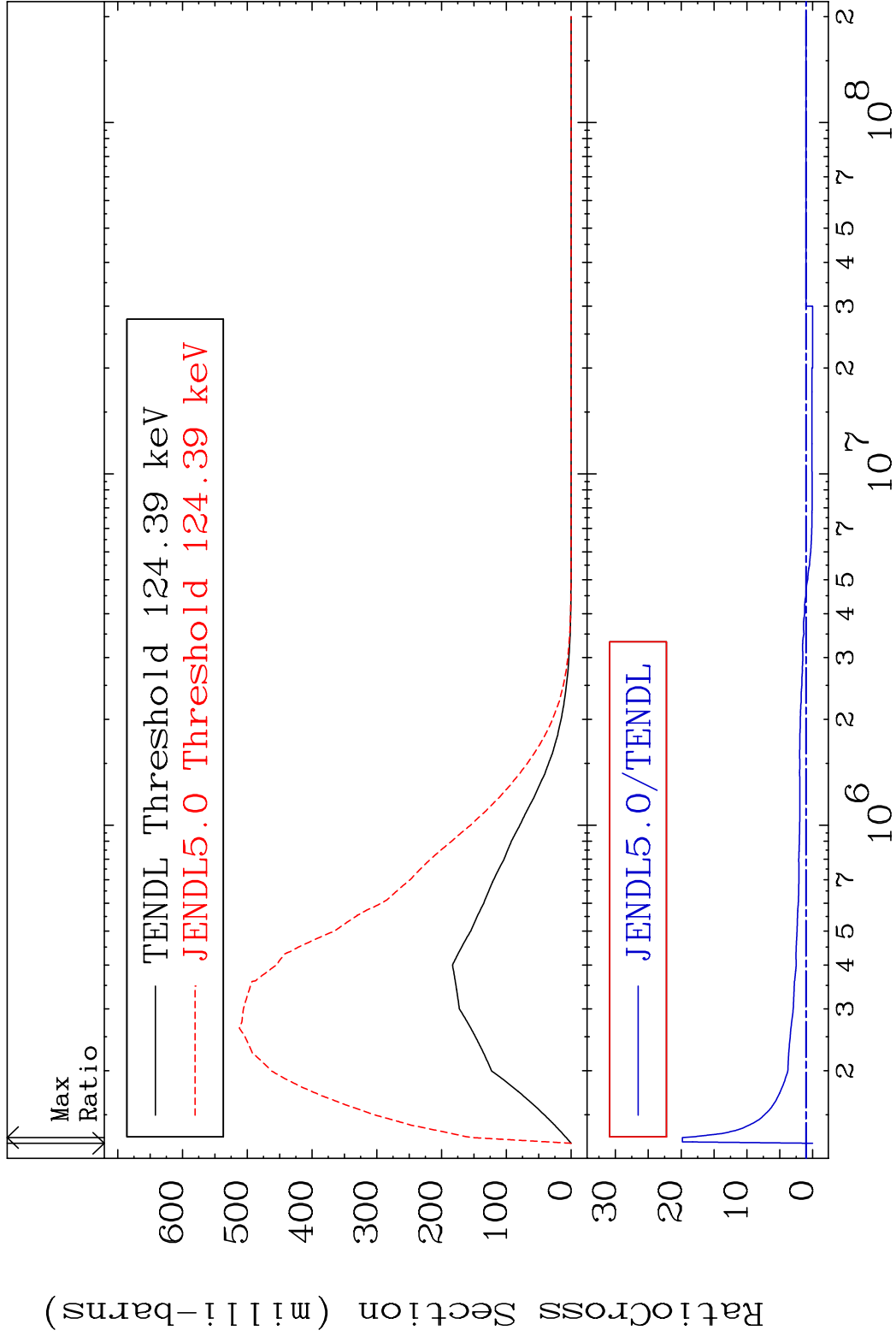




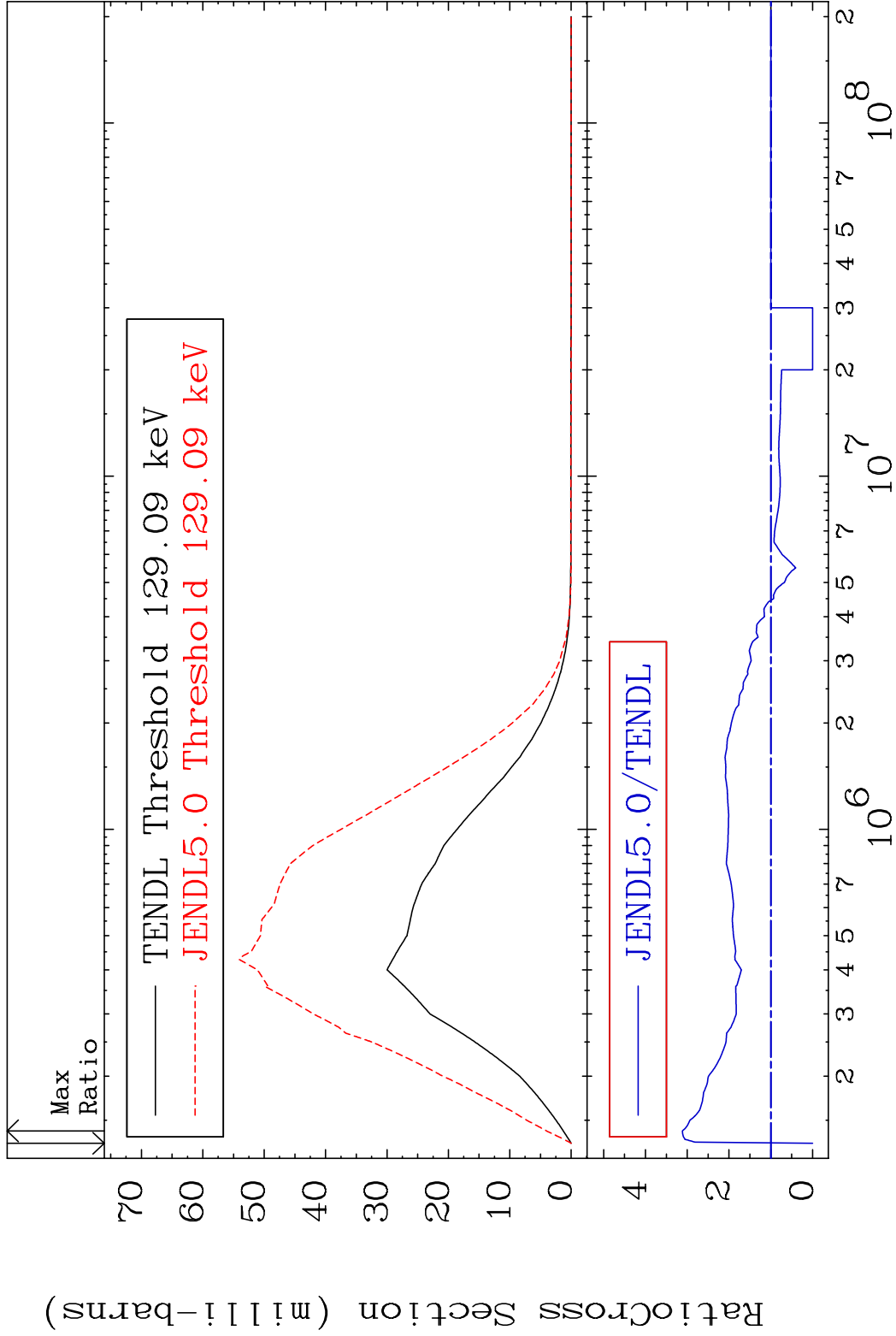




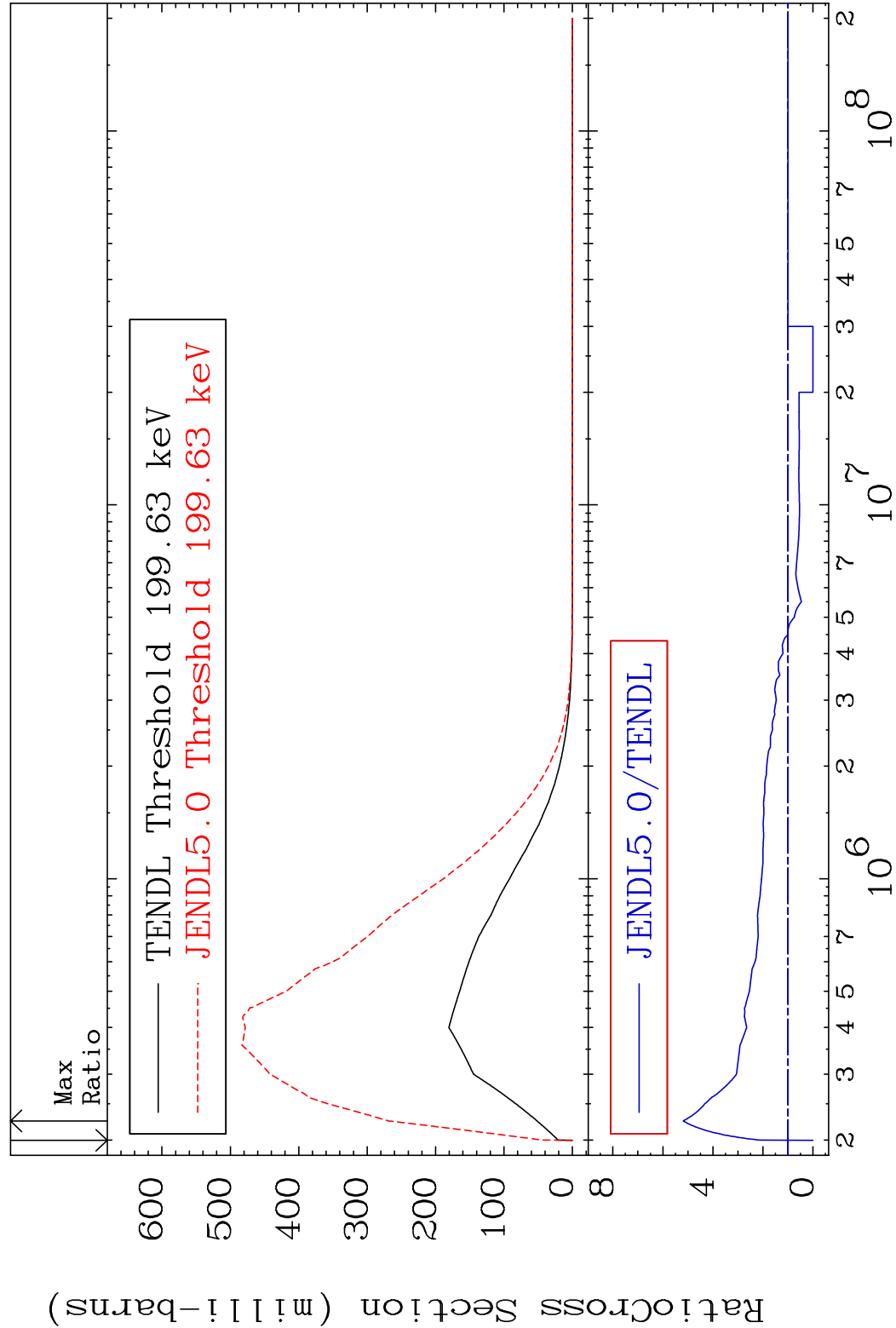
MAT 7119 MT= 52 (n,n') Level 71-Lu-173
Cross Section -100.0 To 1881. %

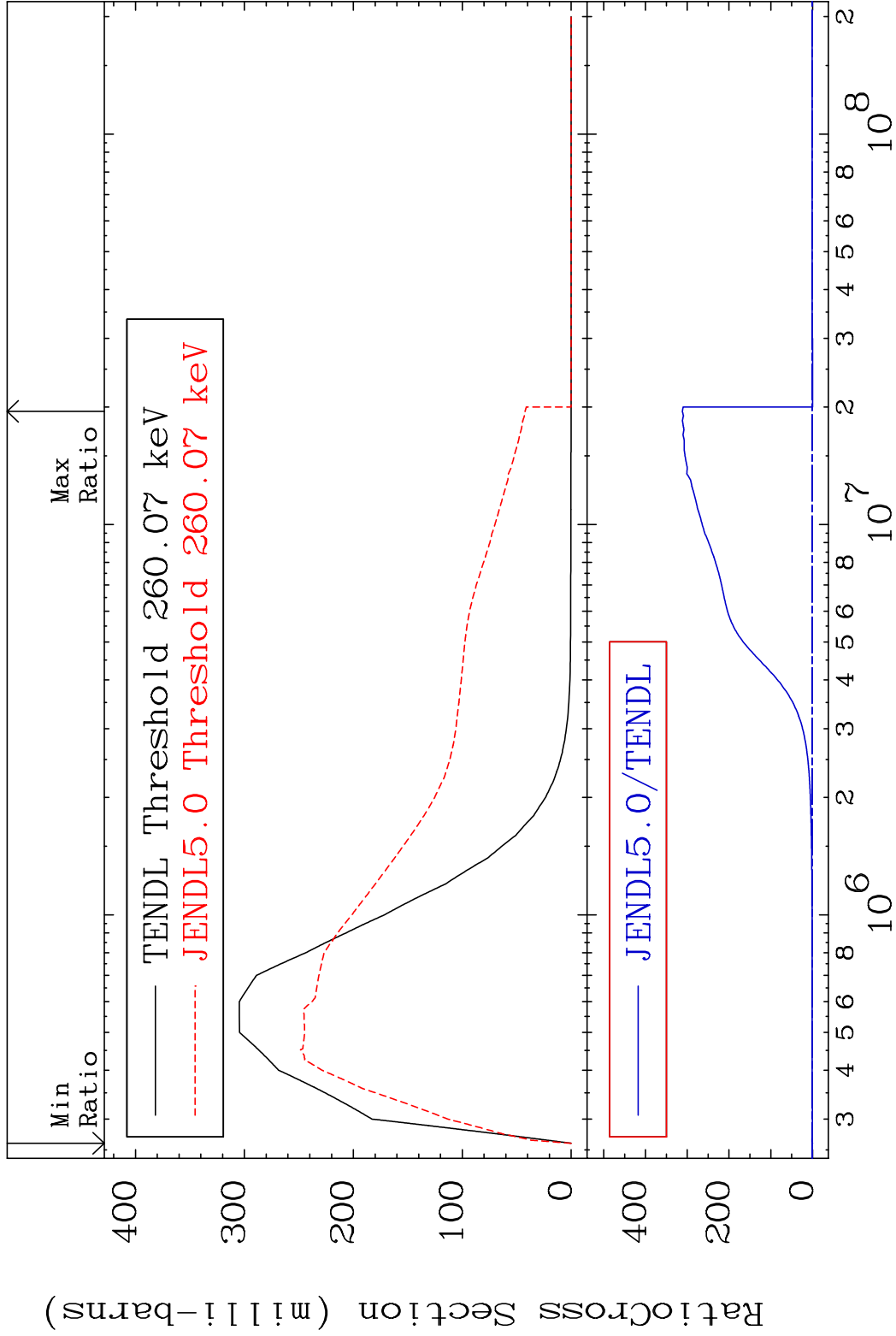


MAT 7119 MT= 53 (n,n') Level 71-Lu-173
Cross Section -100.0 To 211.6 %

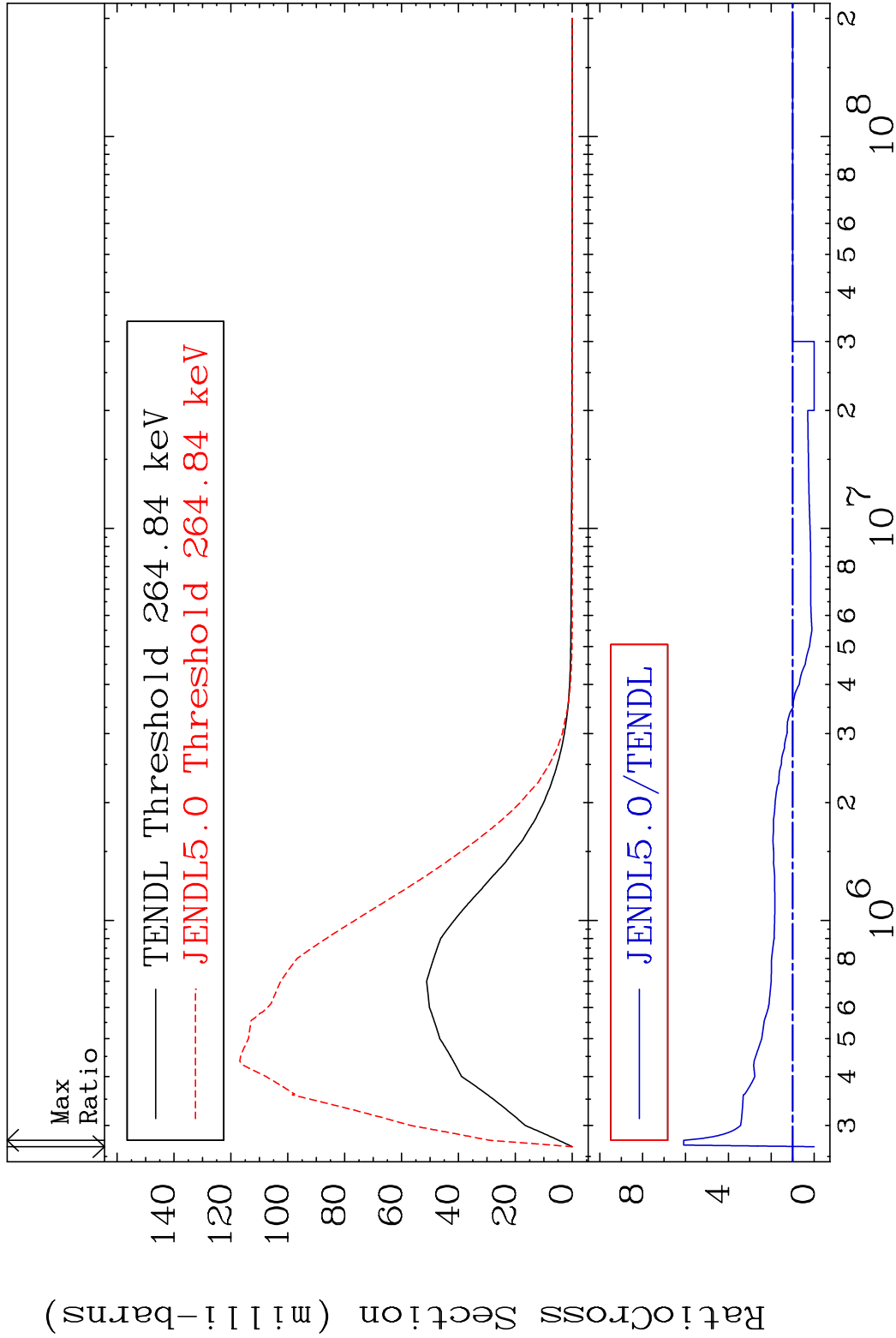


MAT 7119 MT= 54 (n,n') Level 71-Lu-173
 Cross Section -100.0 To 418.8 %

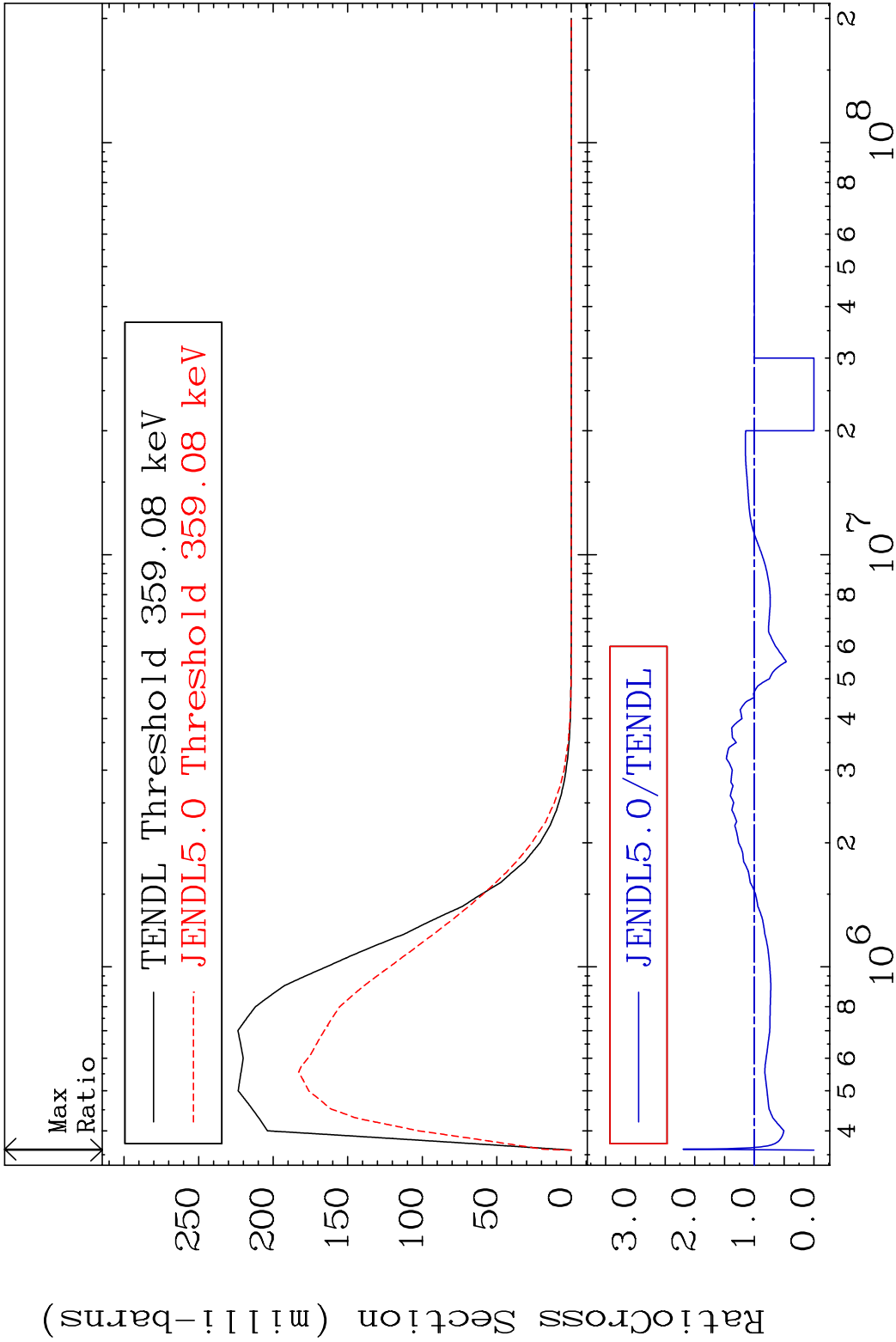




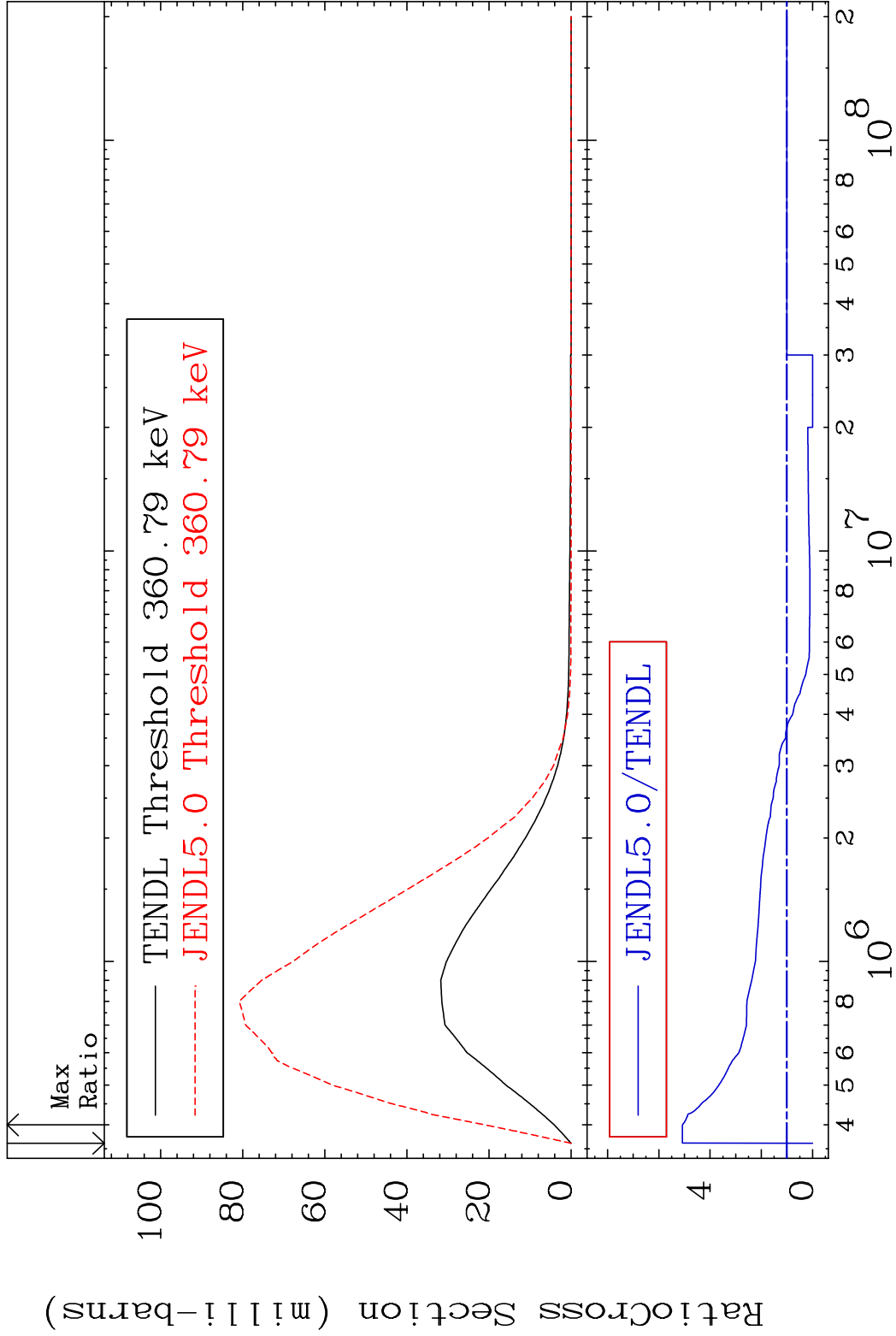
MAT 7119 MT= 56 (n,n') Level 71-Lu-173
Cross Section -100.0 To 508.8 %

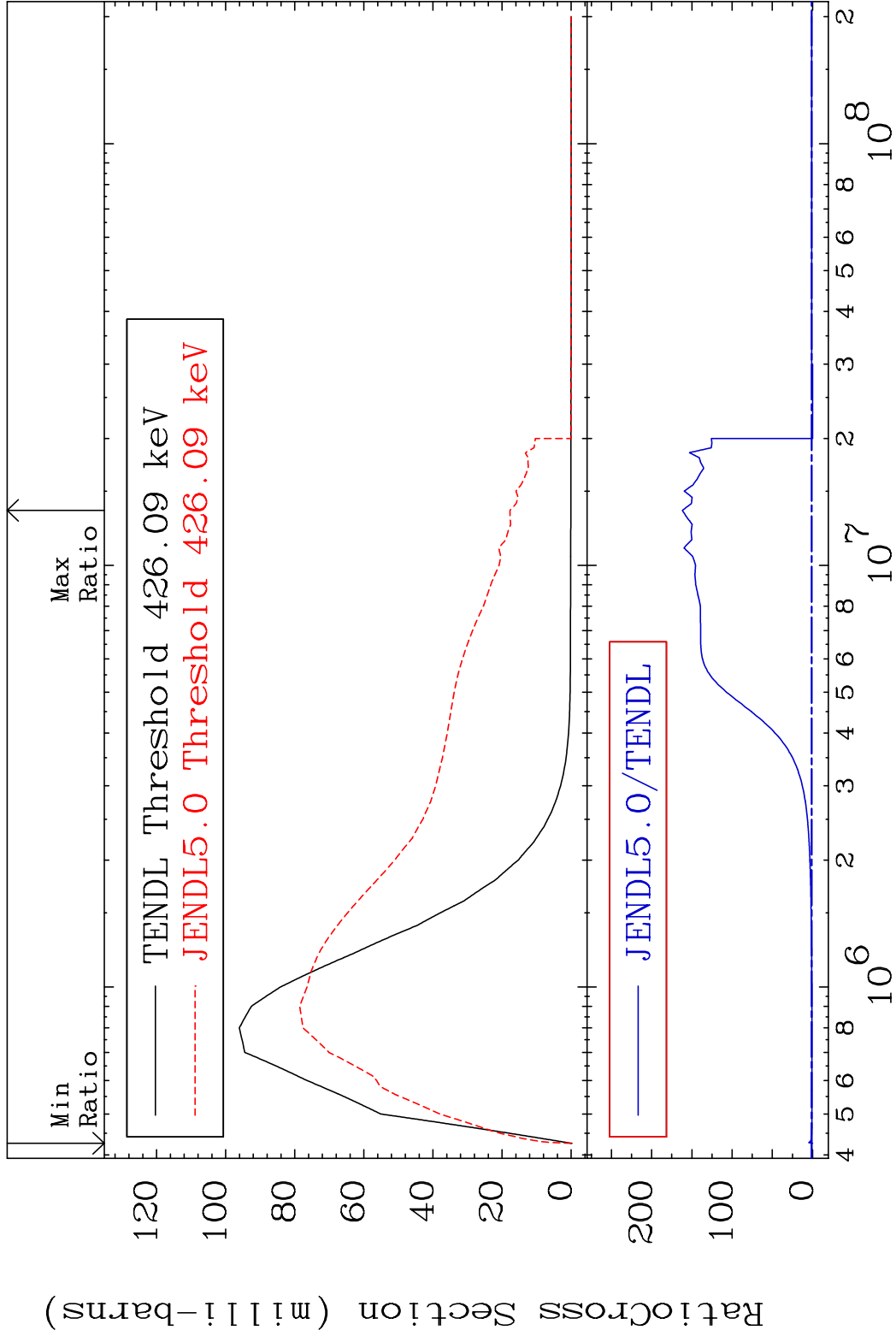


MAT 7119 MT= 57 (n,n') Level 71-Lu-173
Cross Section -100.0 To 119.9 %

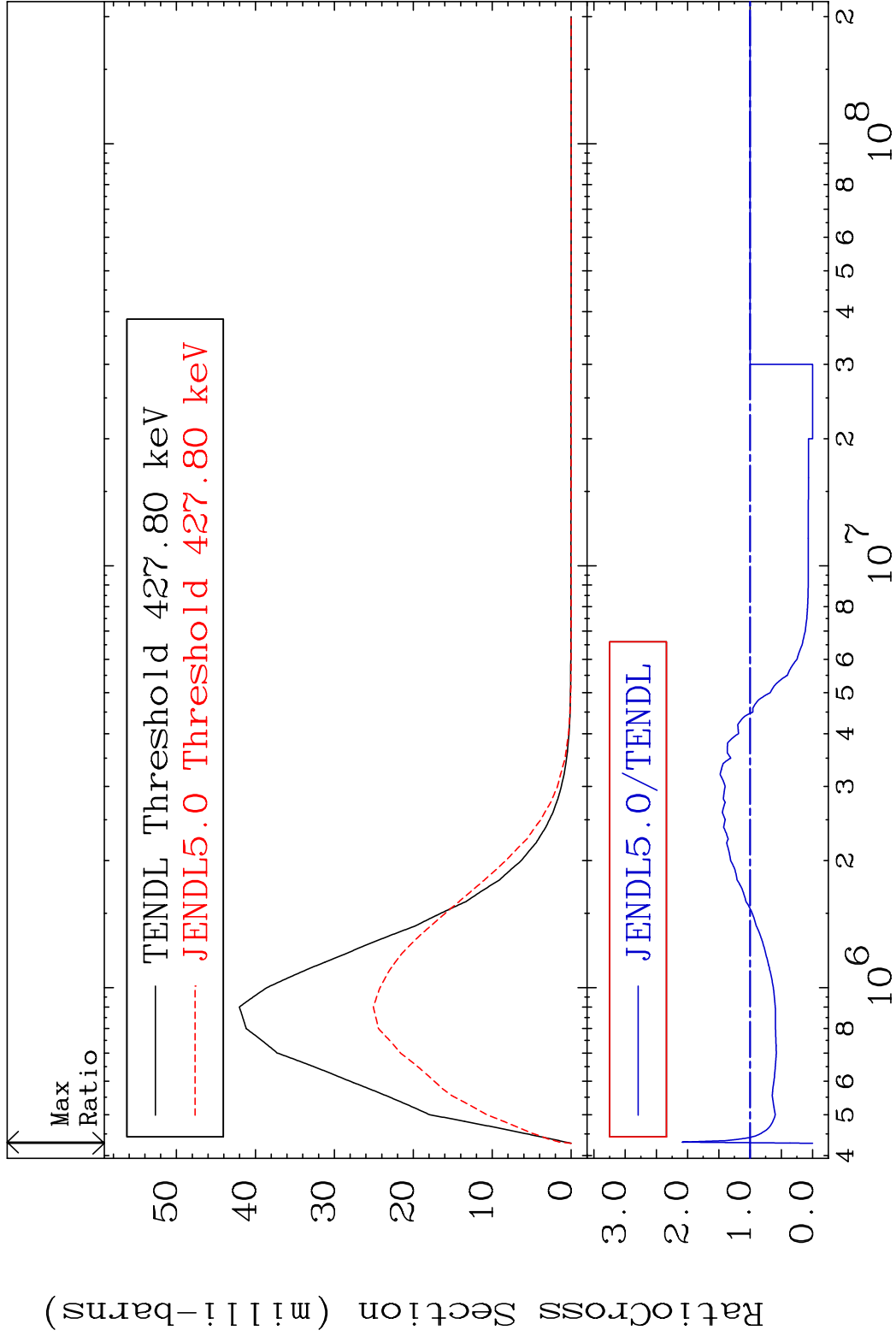


MAT 7119 MT= 58 (n,n') Level 71-Lu-173
Cross Section -100.0 To 408.1 %





MAT 7119 MT= 60 (n,n') Level 71-Lu-173
Cross Section -100.0 To 108.4 %



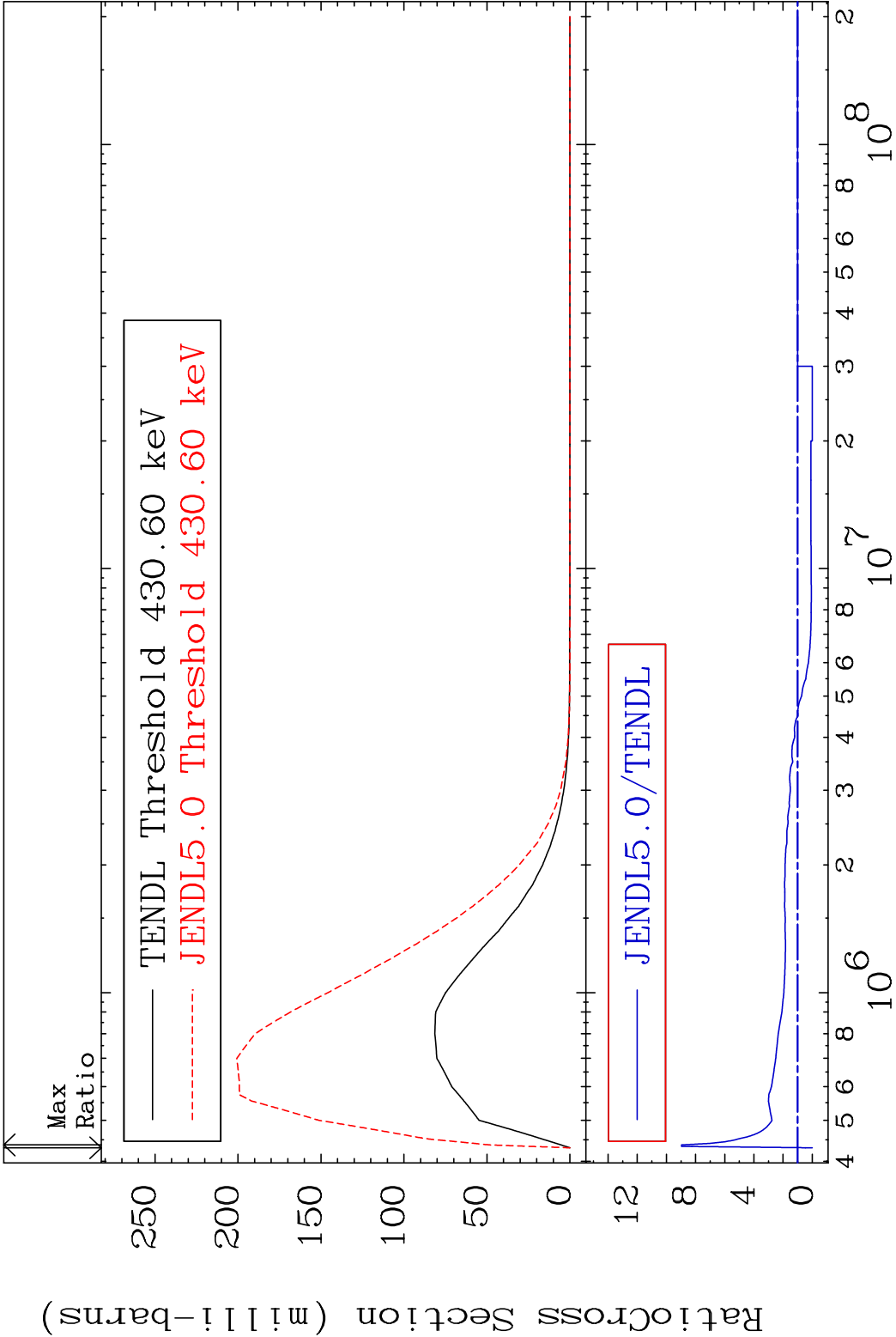
MAT 7119

MT= 61 (n,n') Level

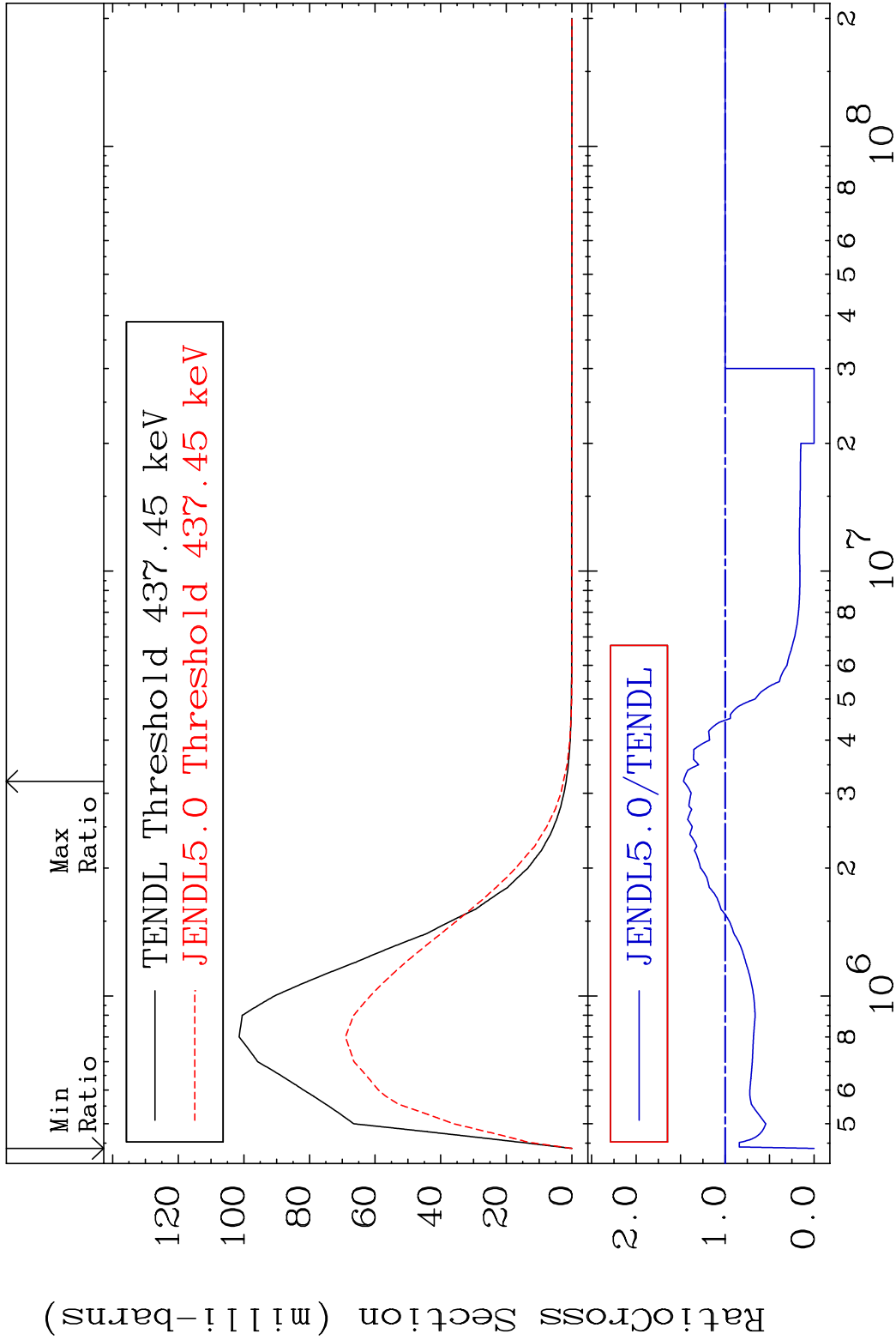
71-Lu-173

Cross Section

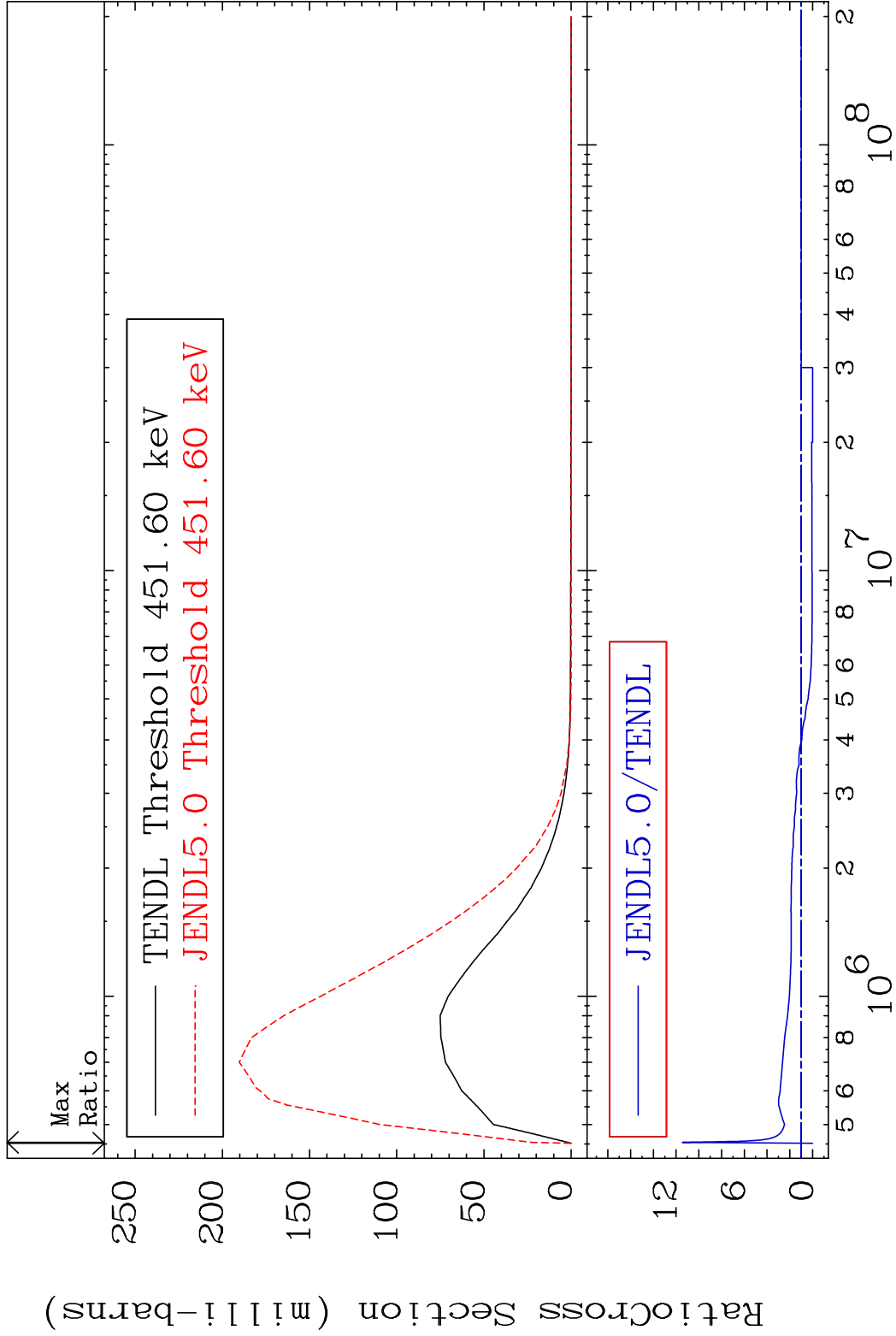
-100.0 To 796.4 %

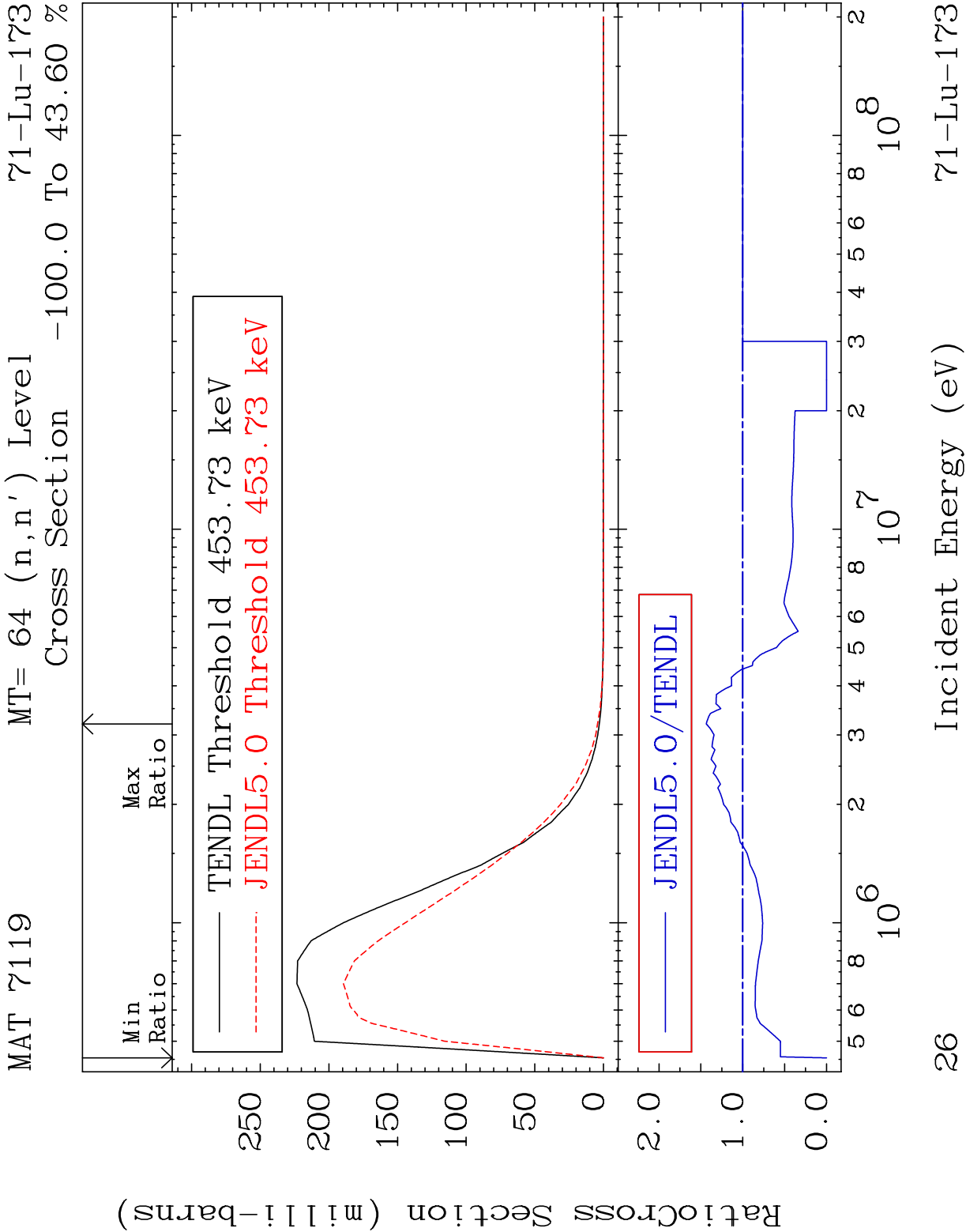


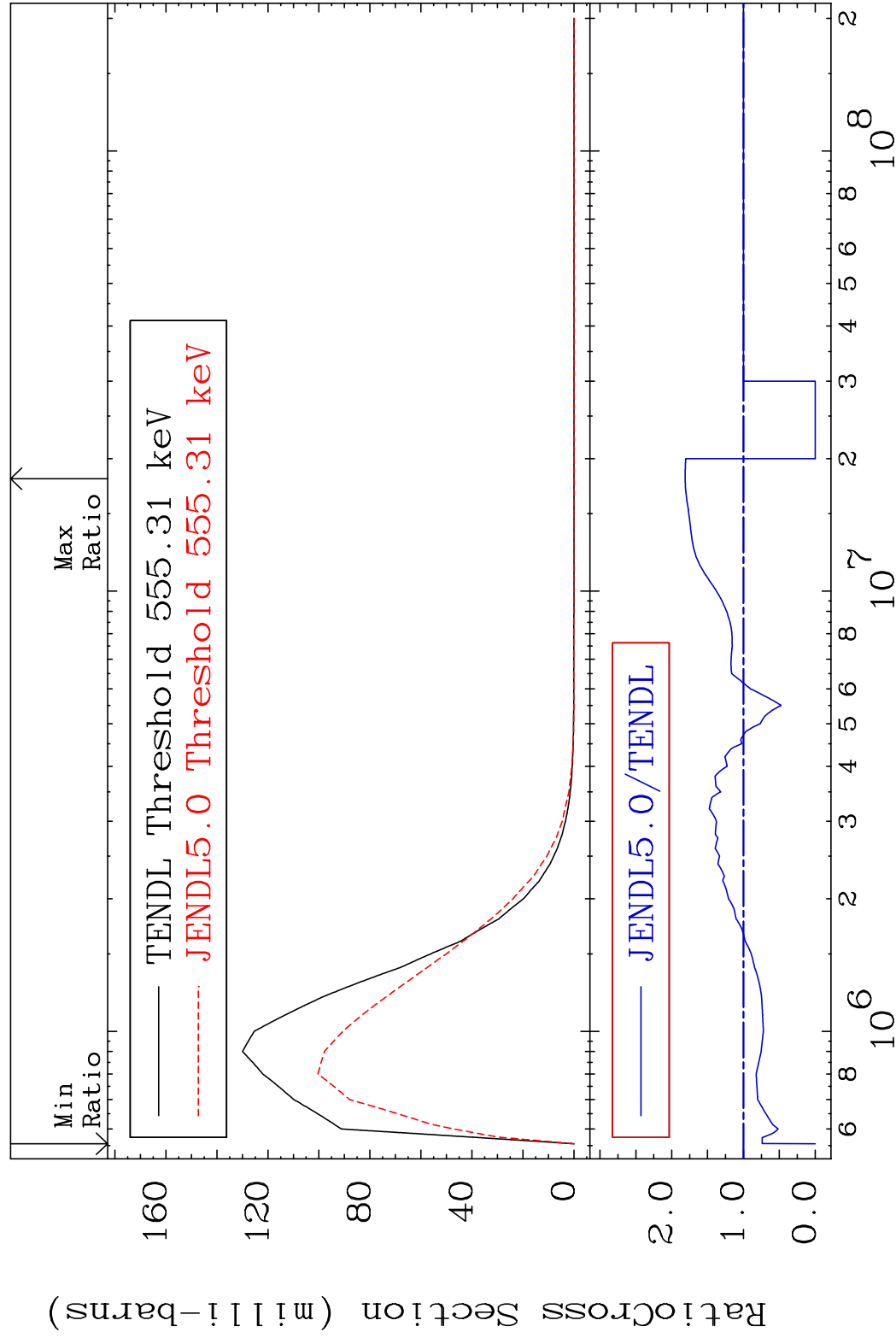
MAT 7119 MT= 62 (n,n') Level 71-Lu-173
Cross Section -100.0 To 46.78 %

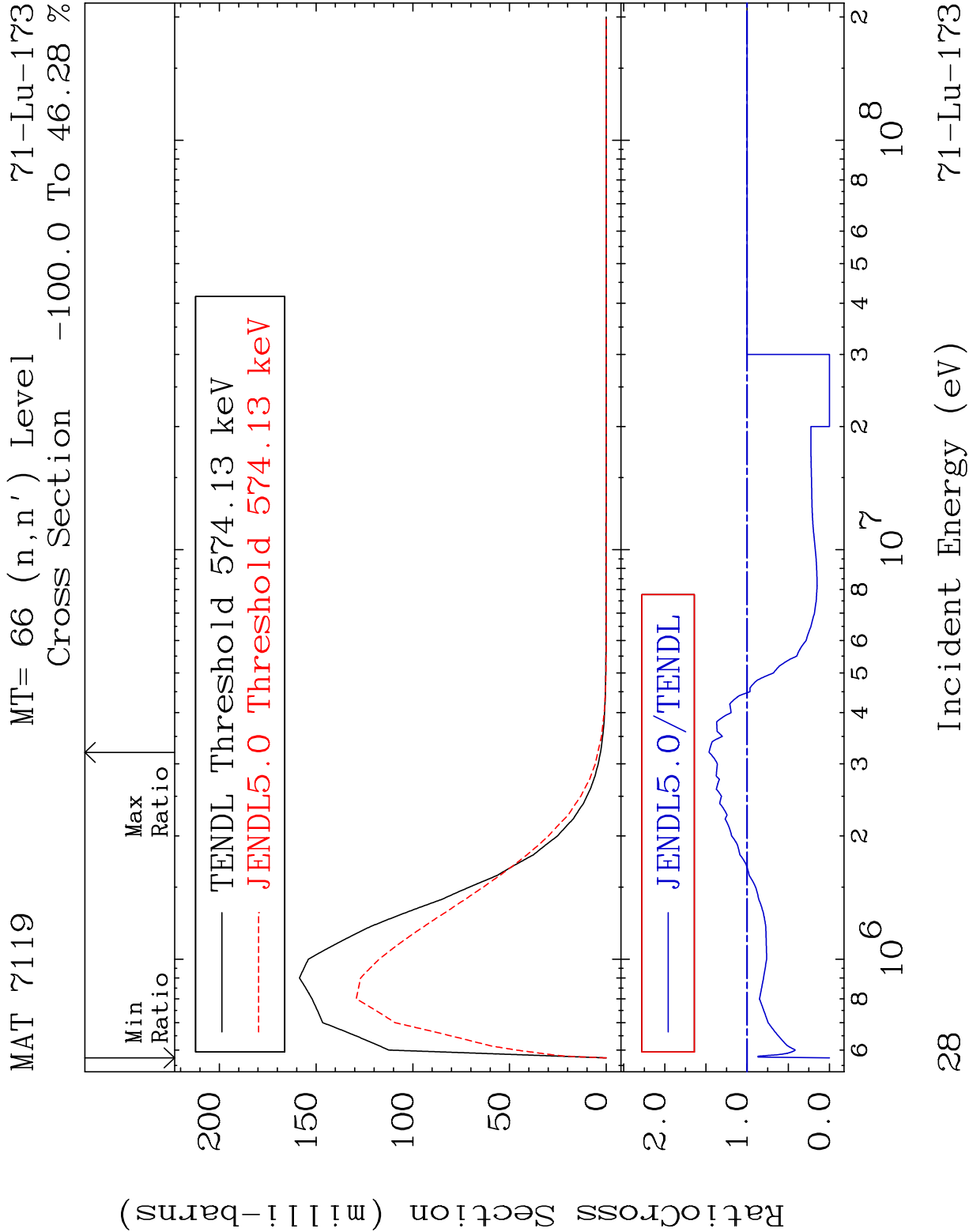


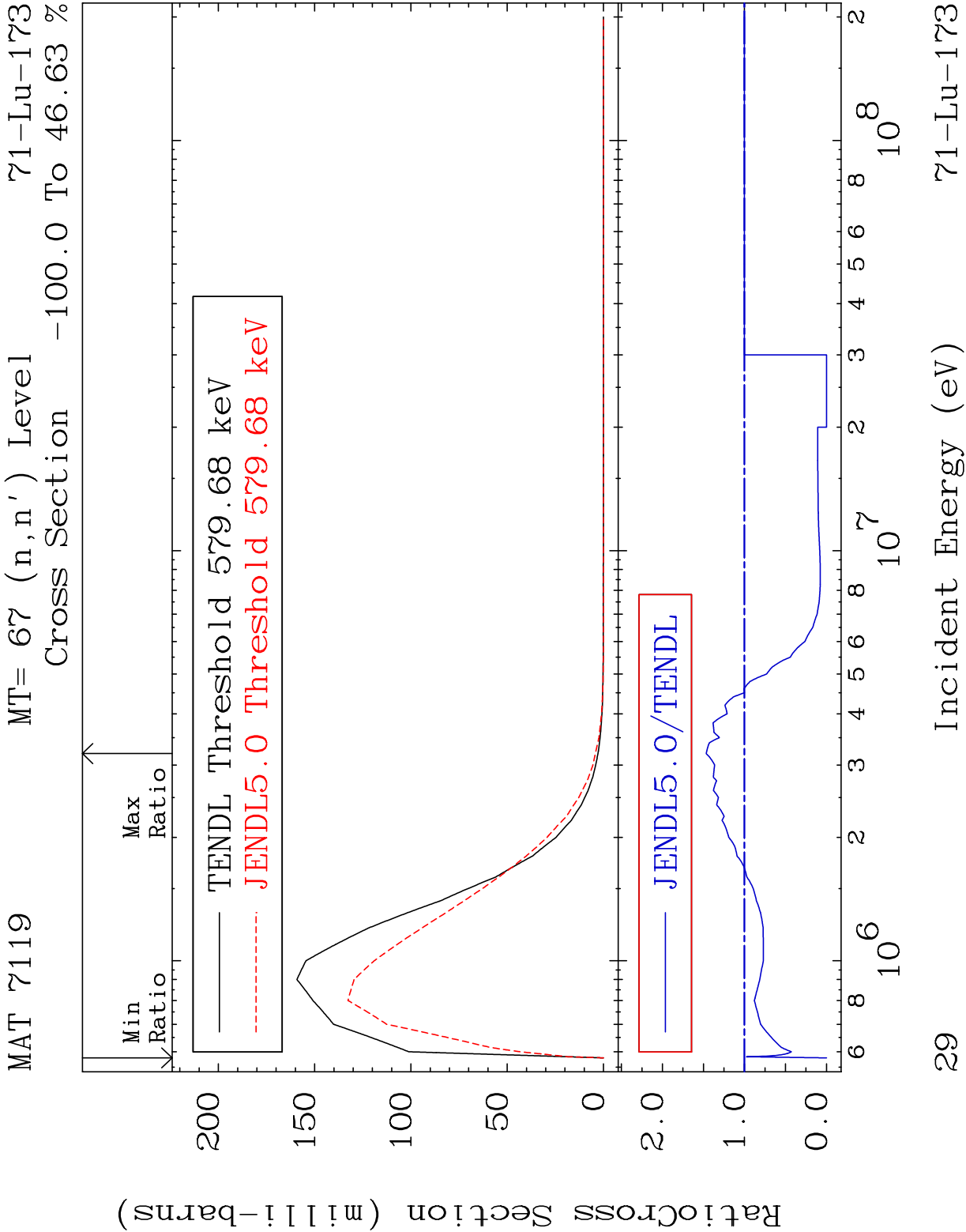
MAT 7119 MT= 63 (n,n') Level 71-Lu-173
Cross Section -100.0 To 1045. %



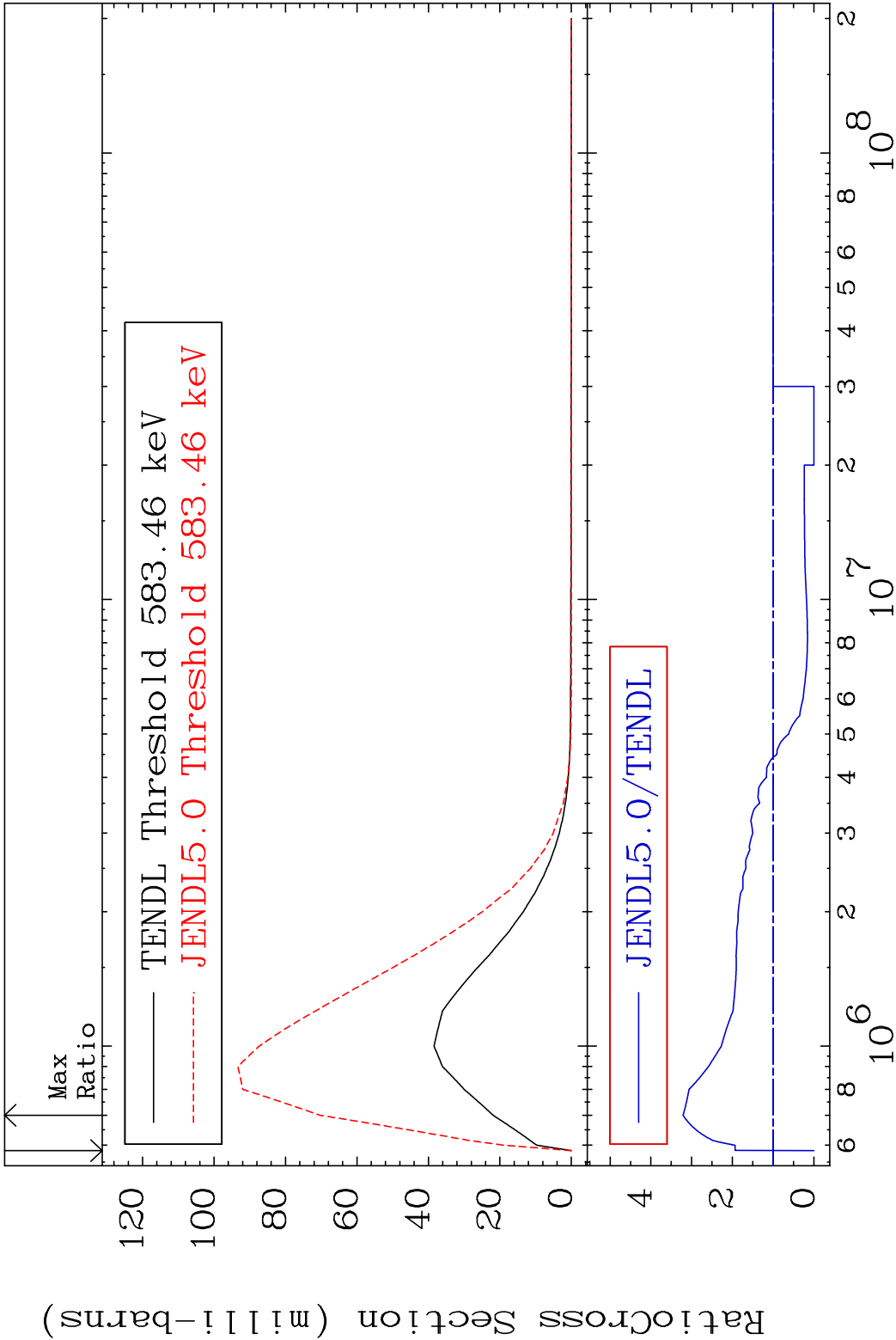


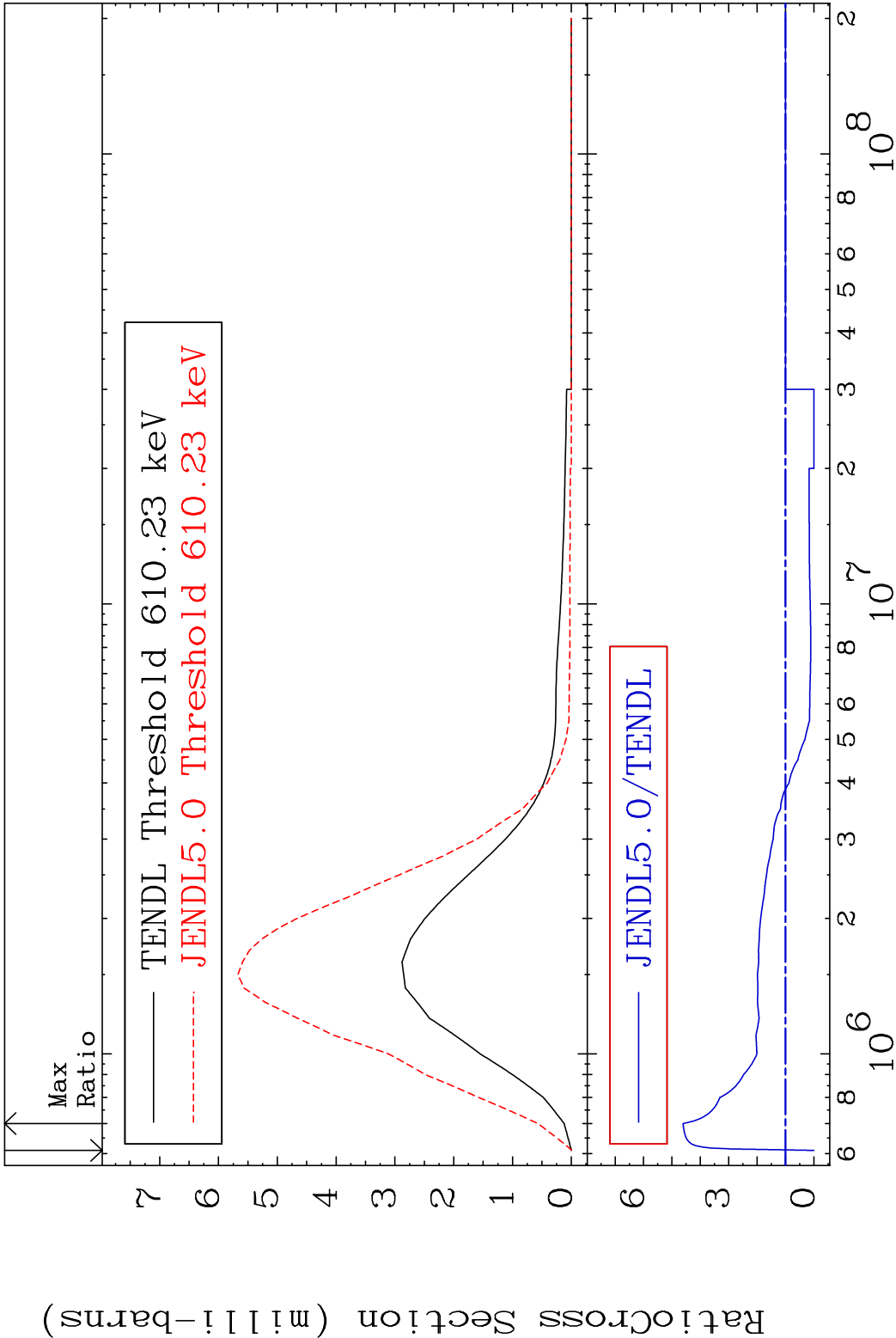




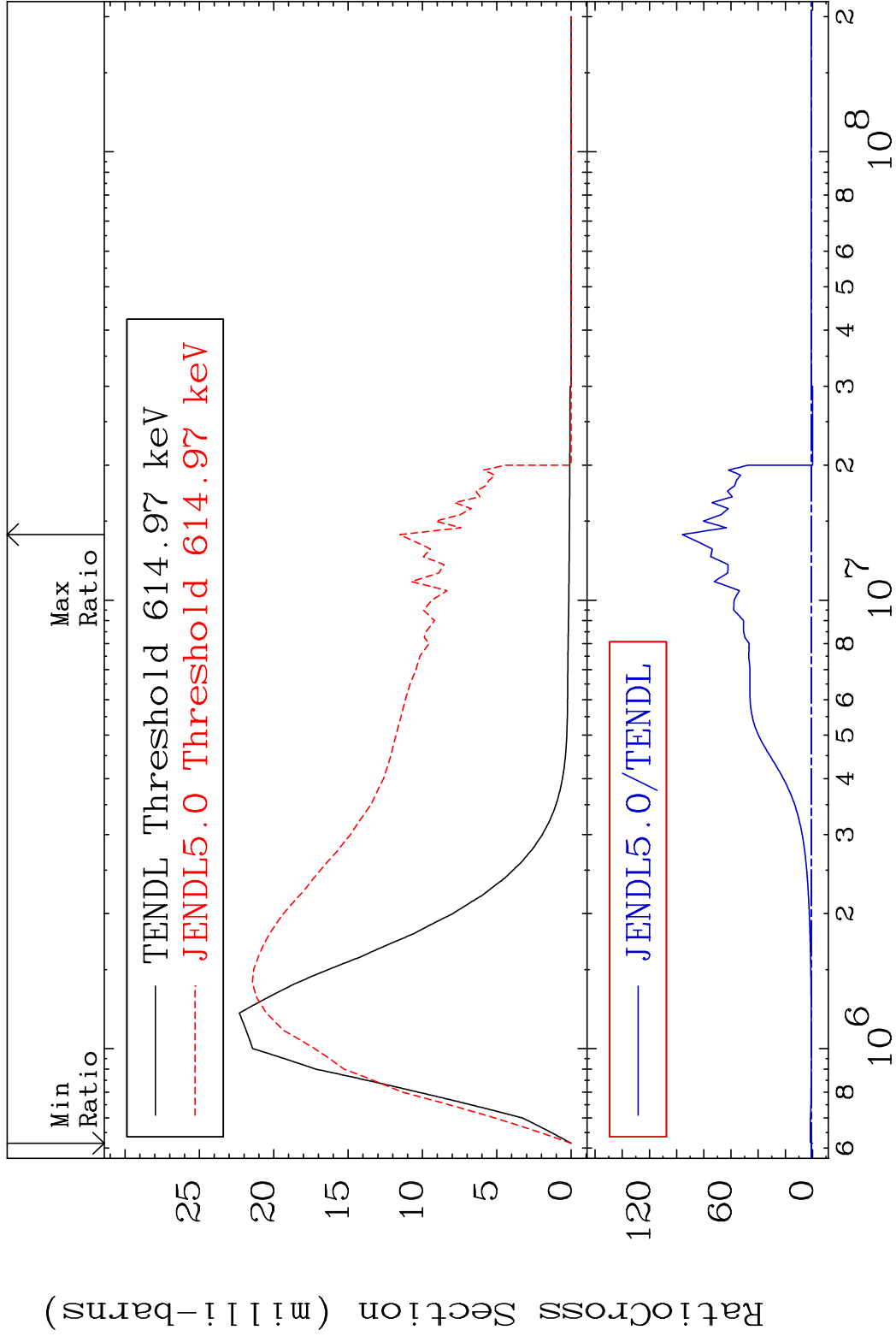


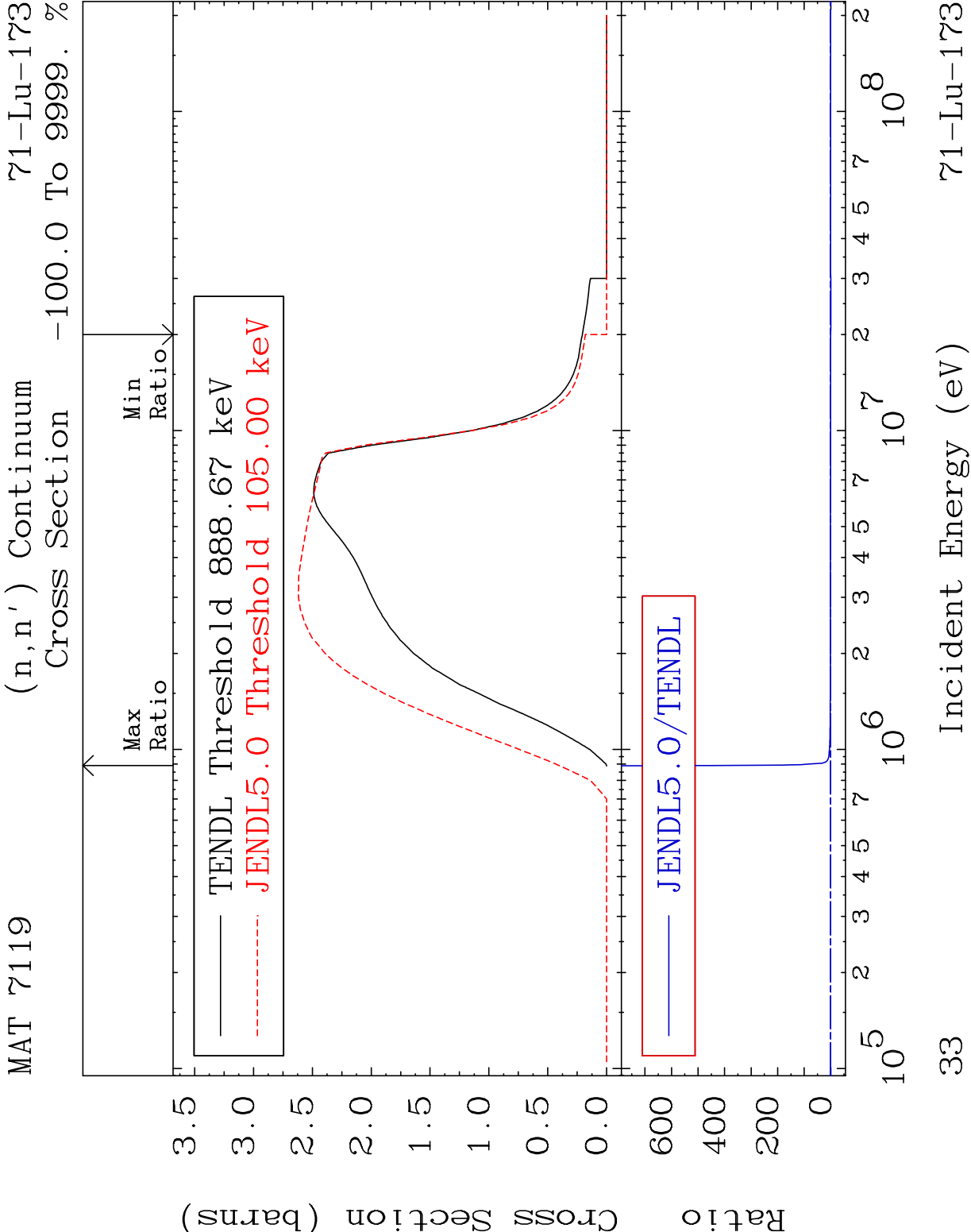
MAT 7119 MT= 68 (n,n') Level 71-Lu-173
Cross Section -100.0 To 221.1 %

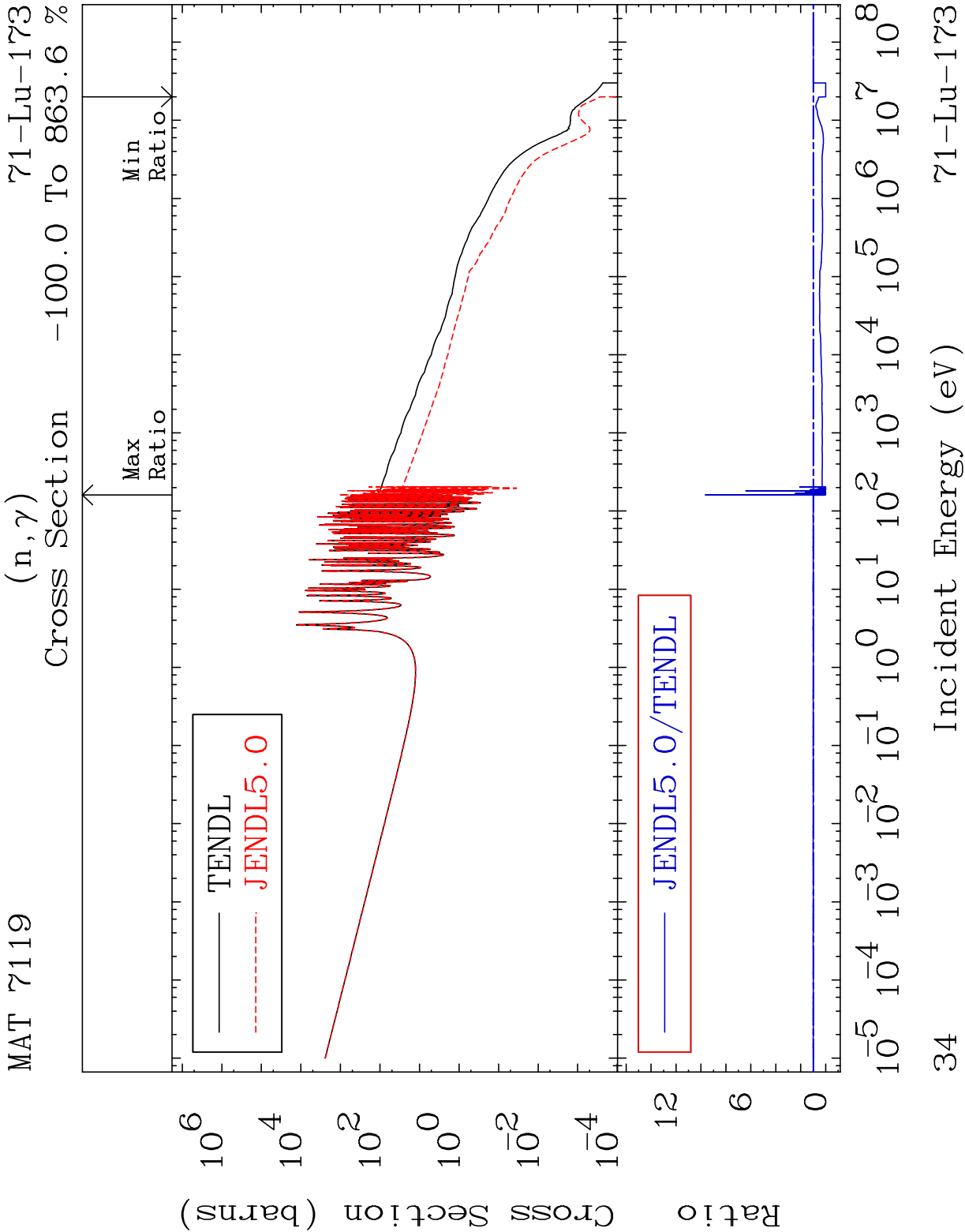


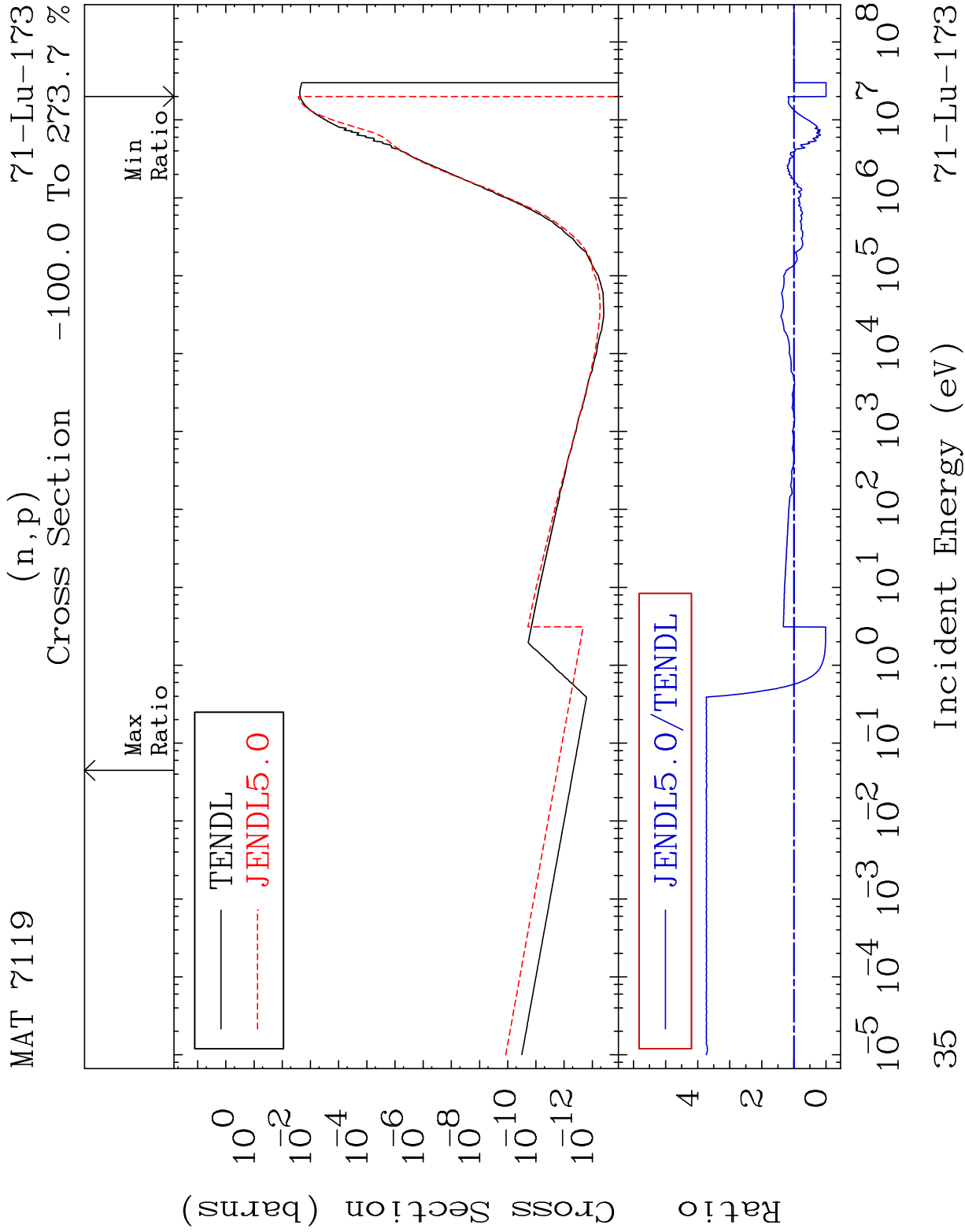


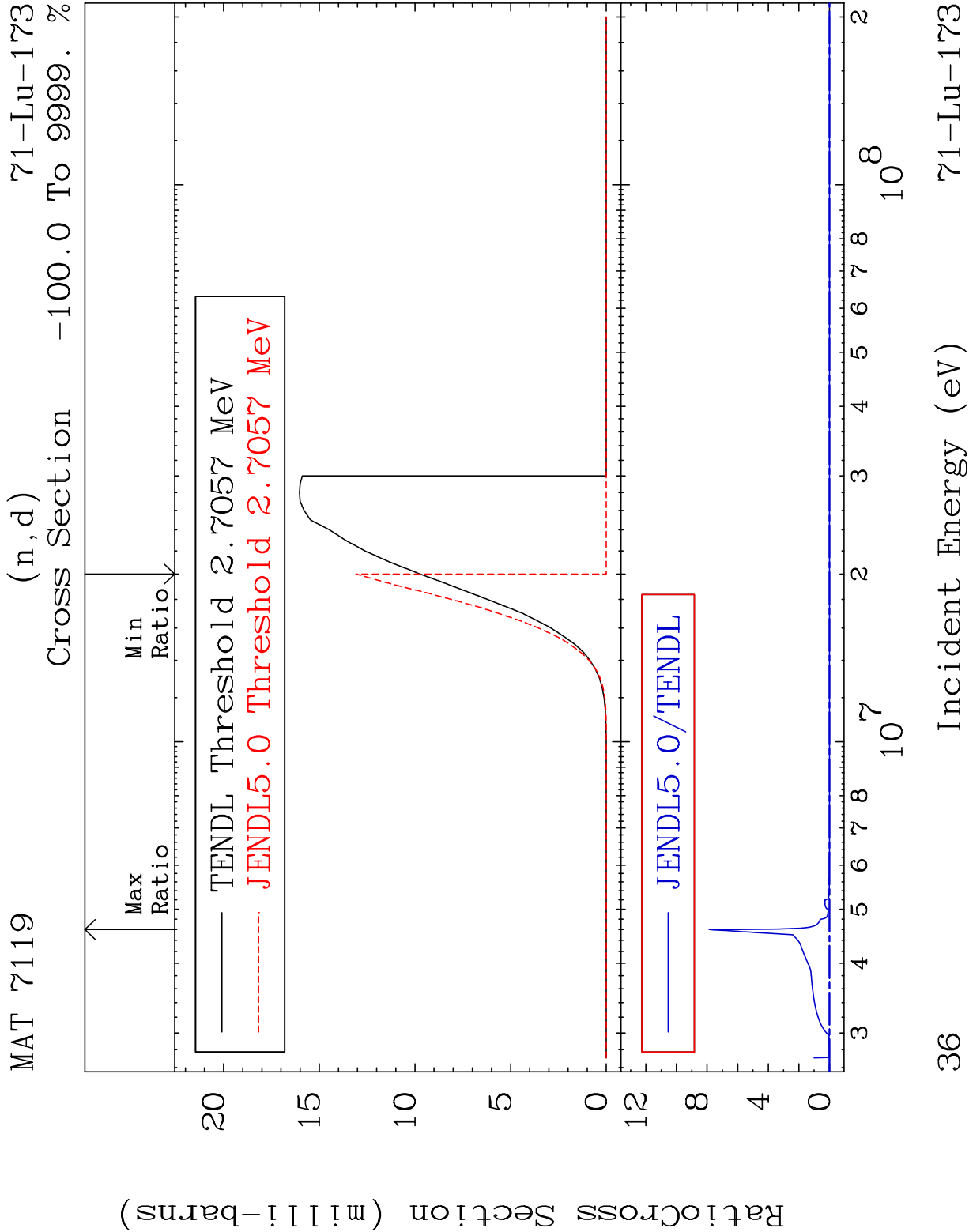
MAT 7119 MT= 70 (n,n') Level 71-Lu-173
Cross Section -100.0 To 9479. %

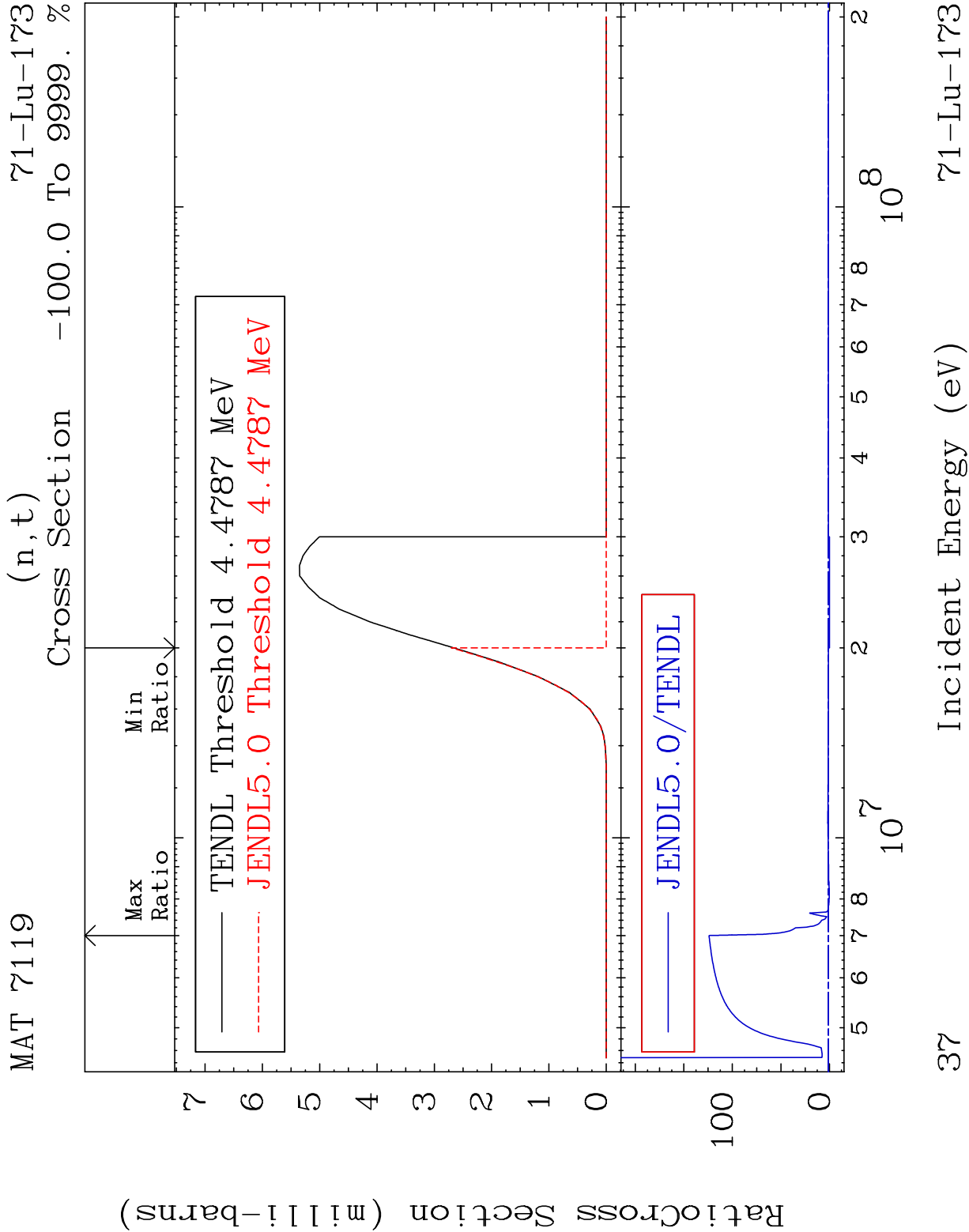


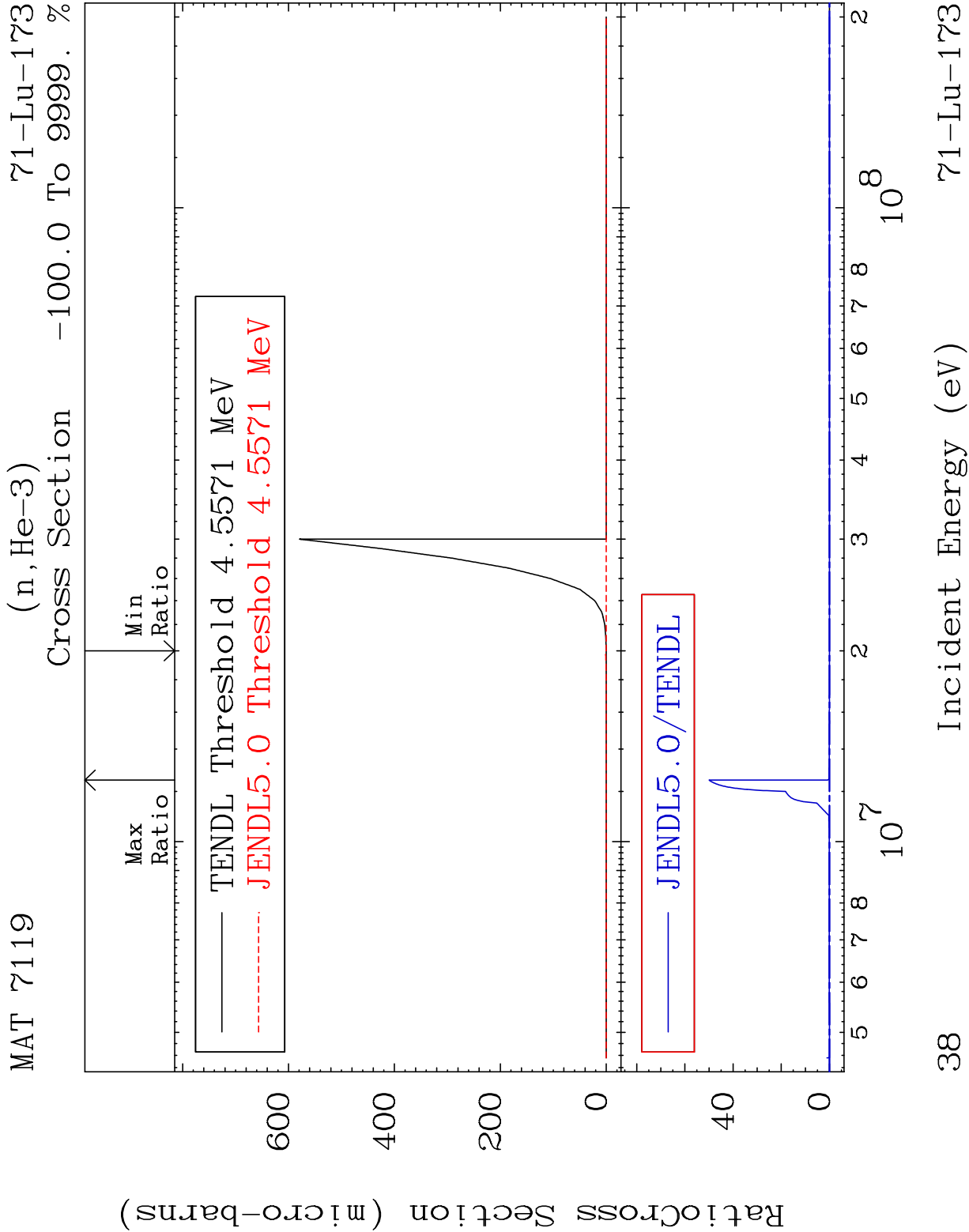


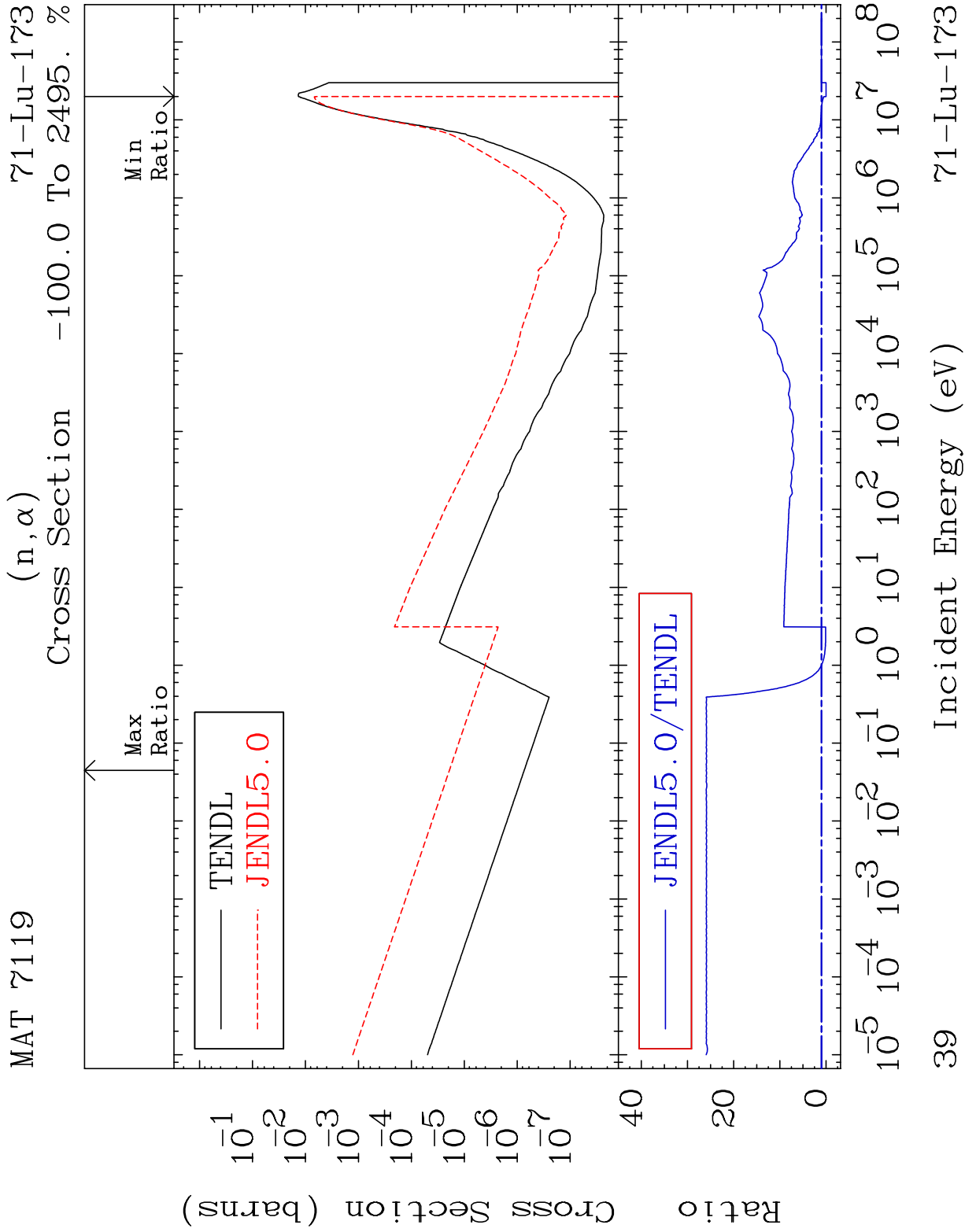


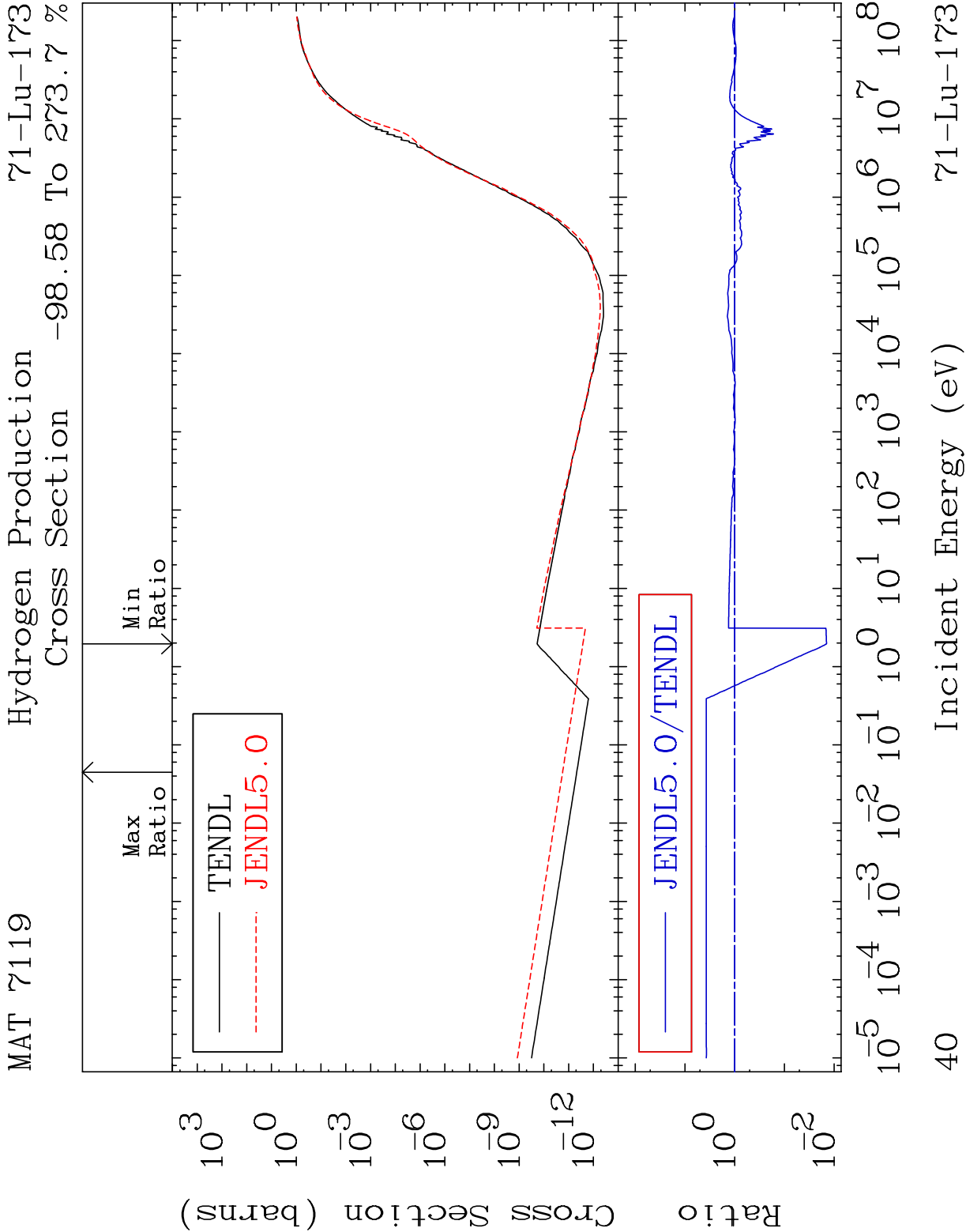




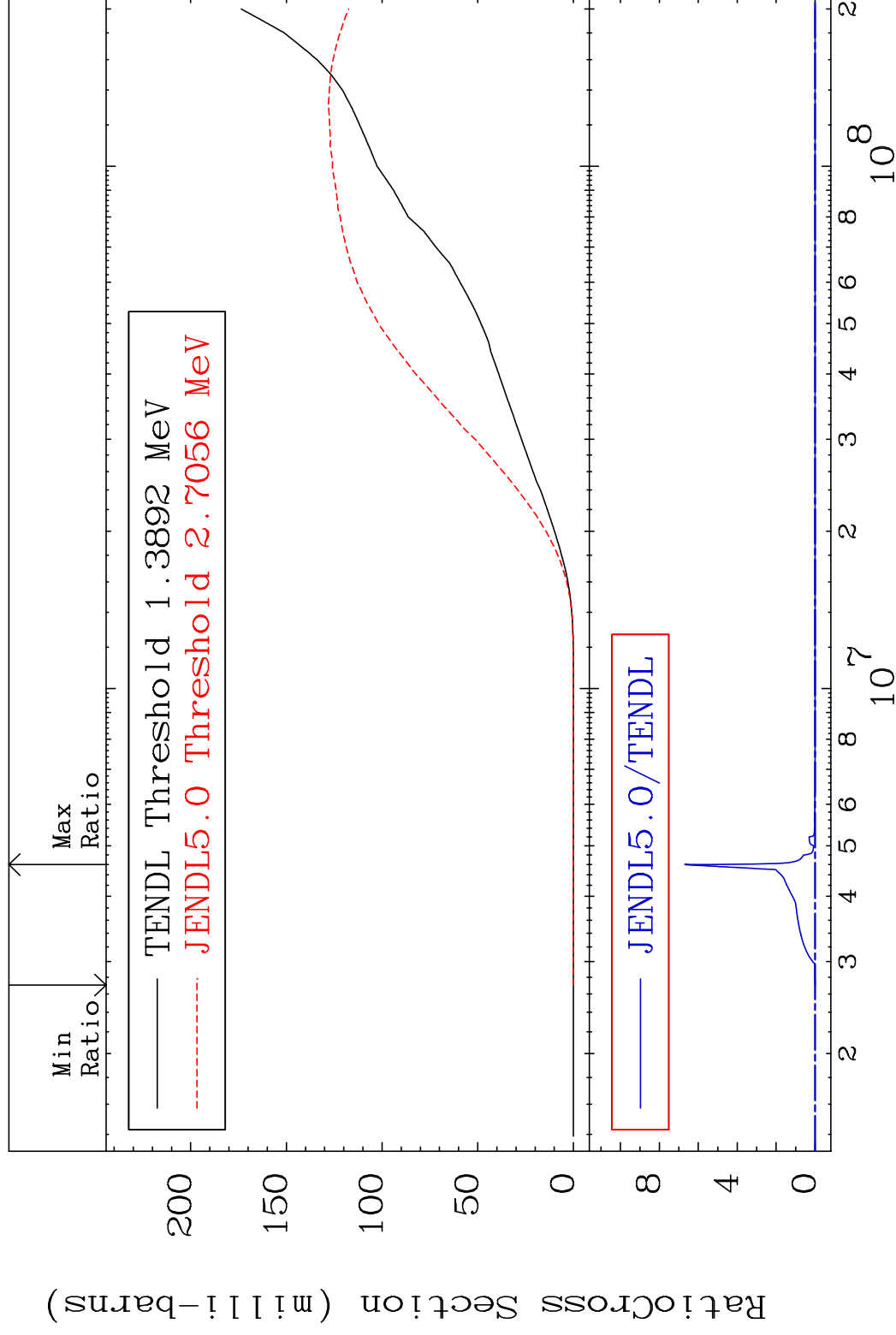


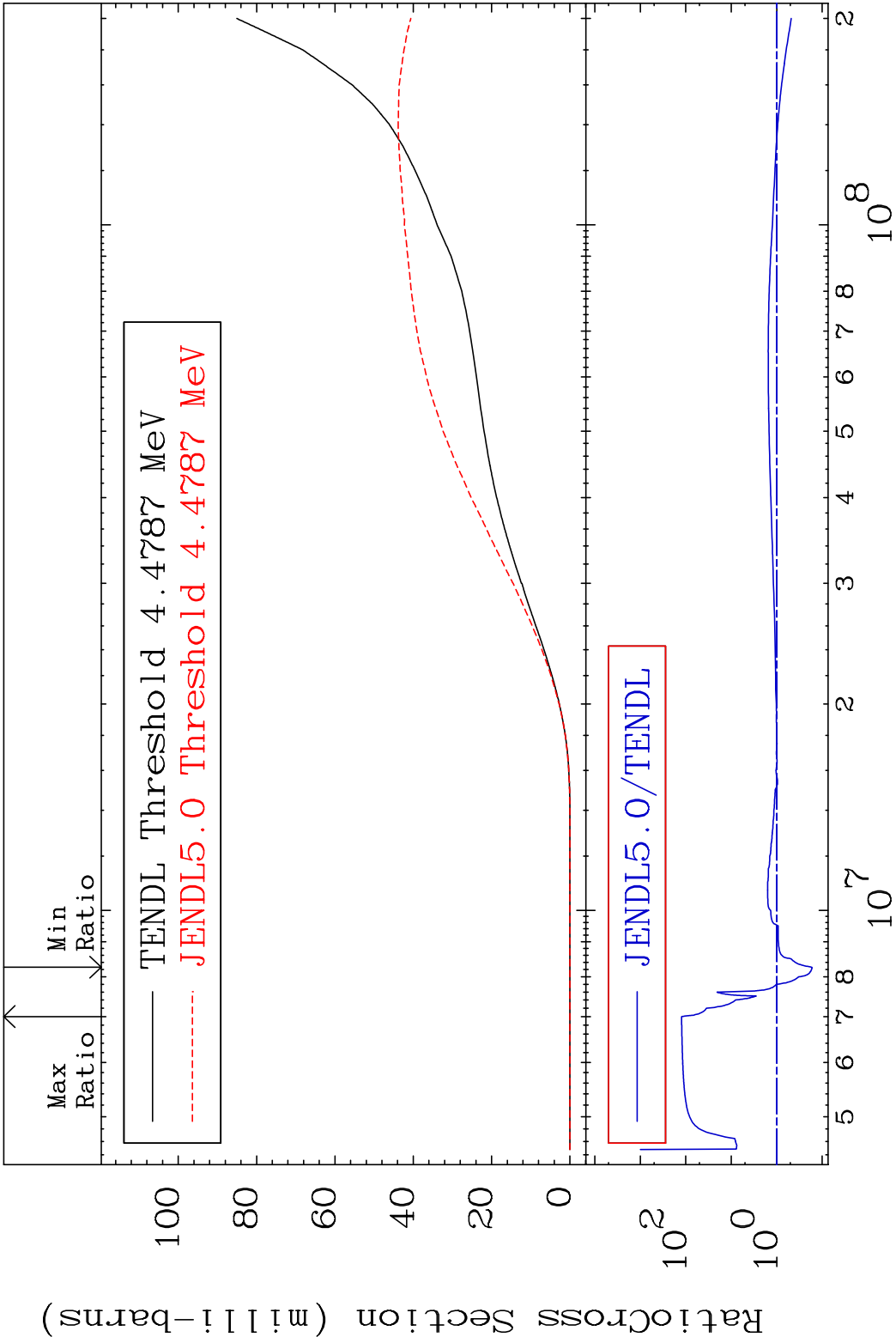


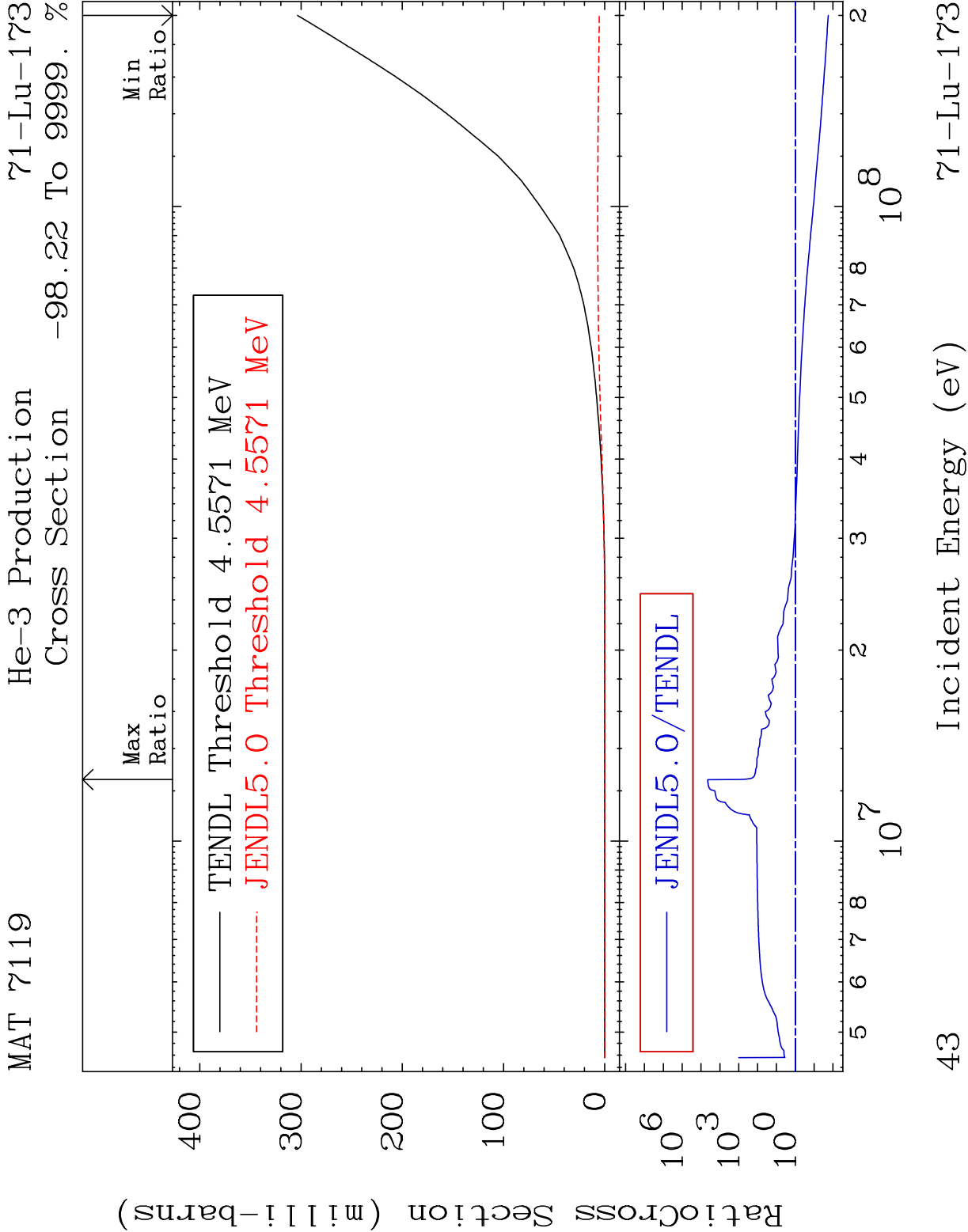


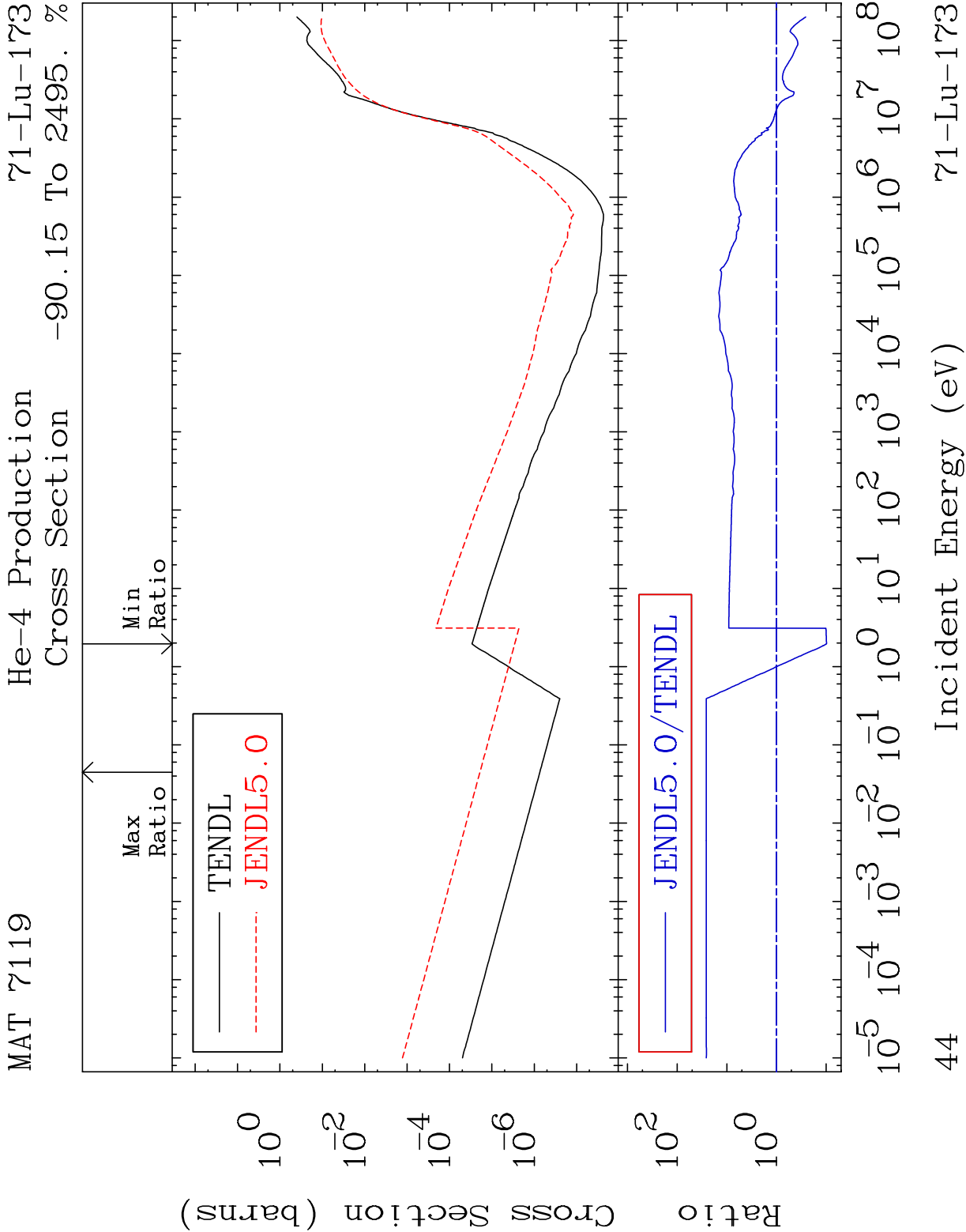


Cross Section -100.0 To 9999. %

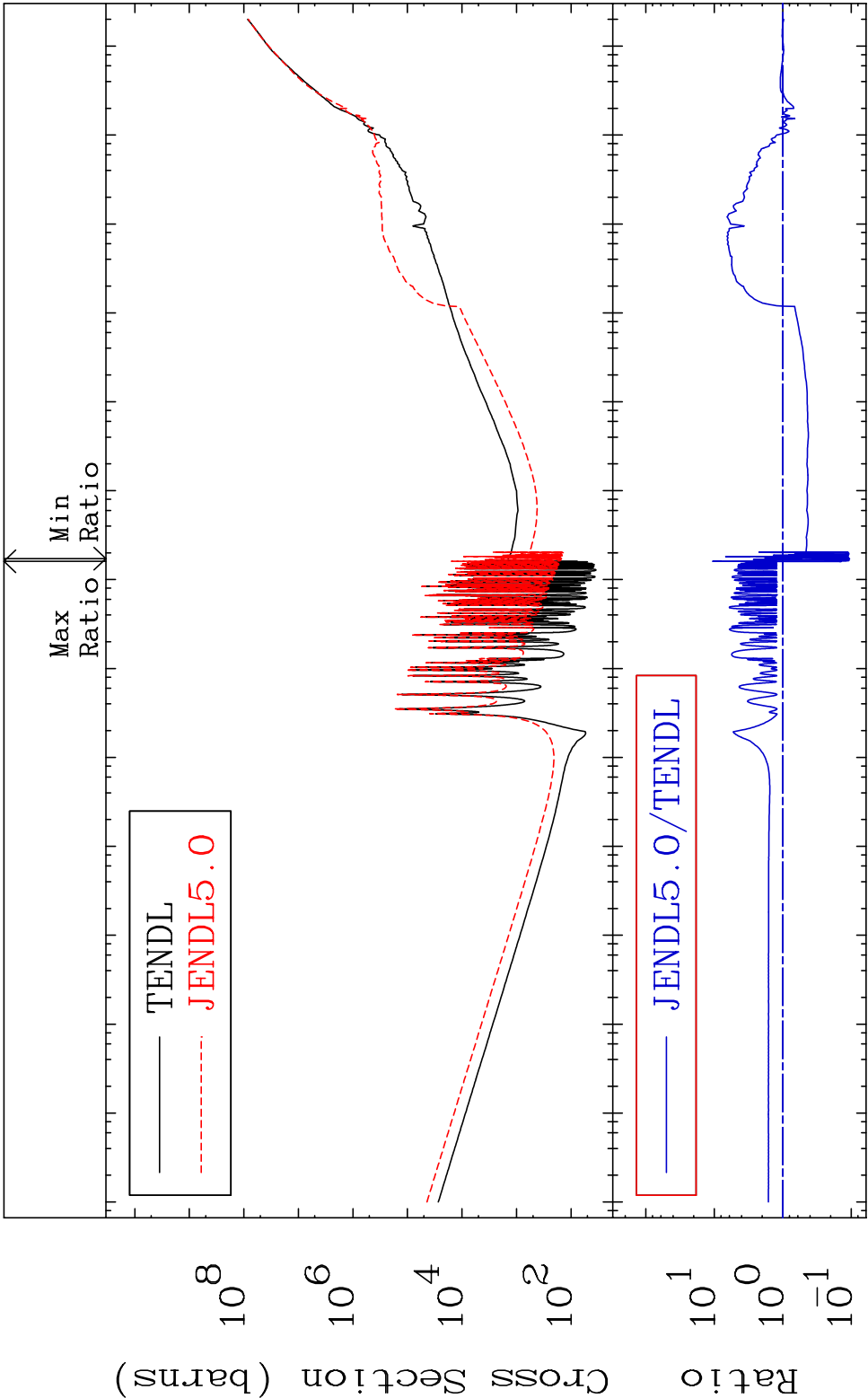




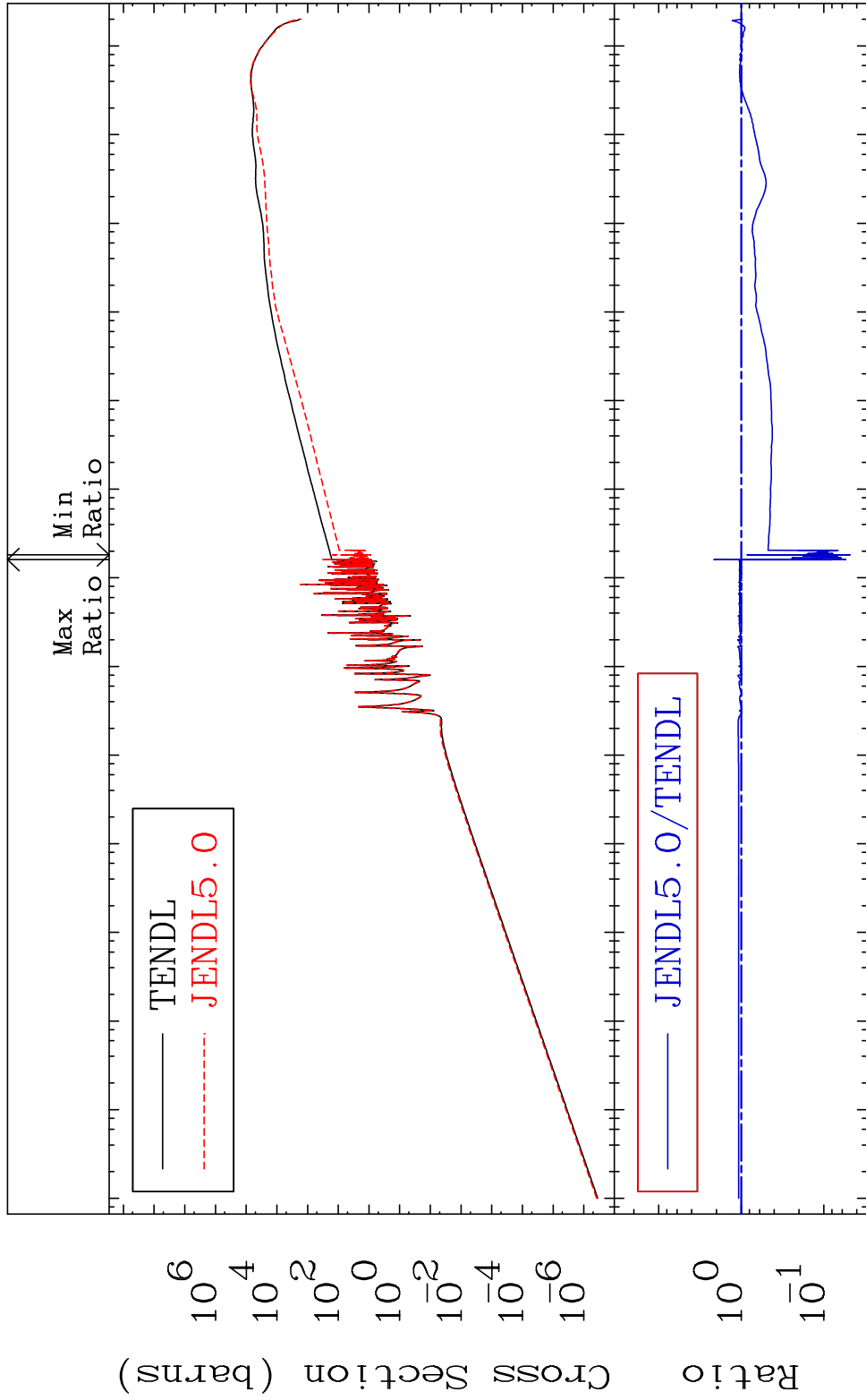




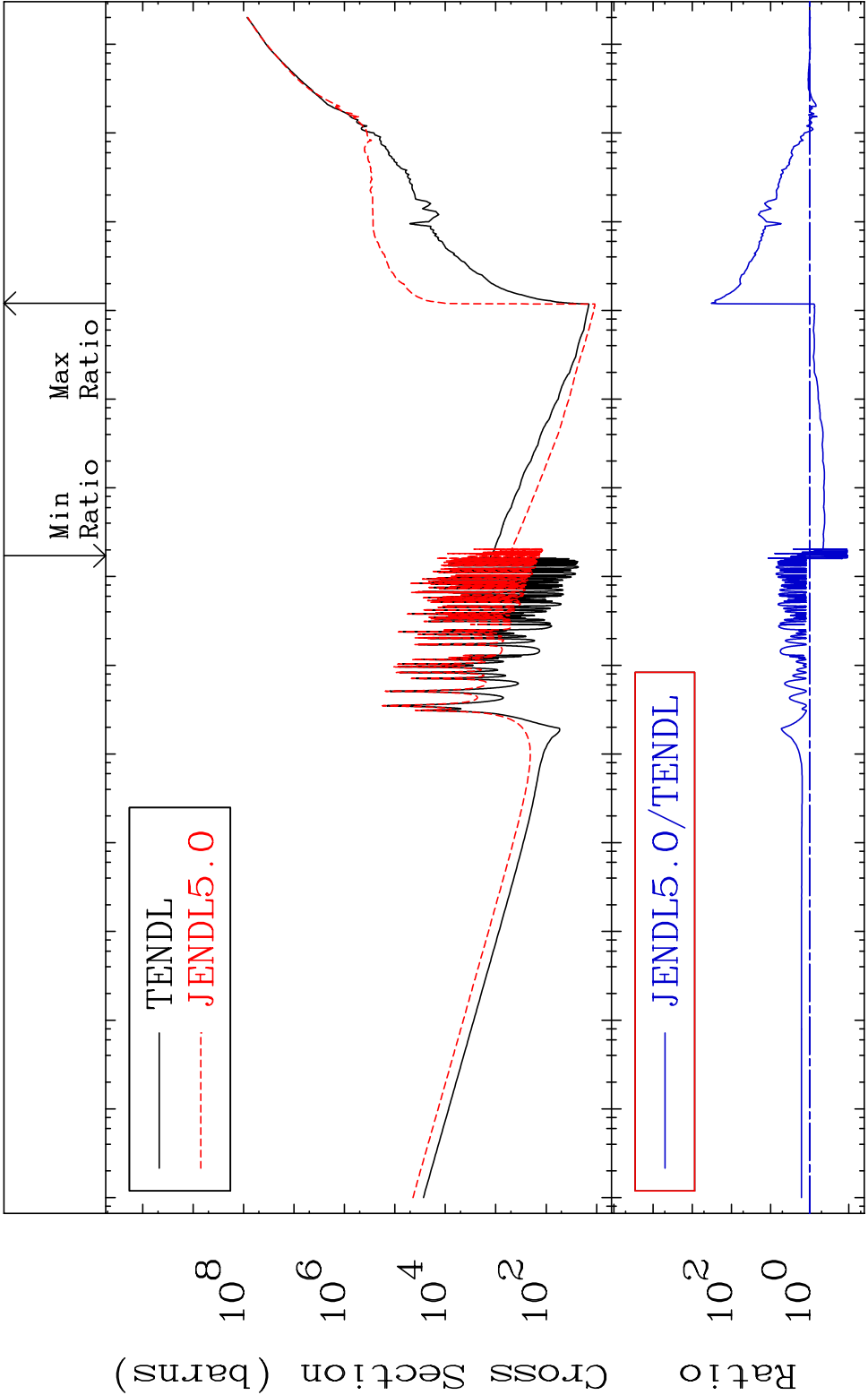
MAT 7119 Kerma total (eV-barns) 71-Lu-173
Cross Section -89.40 To 950.7 %

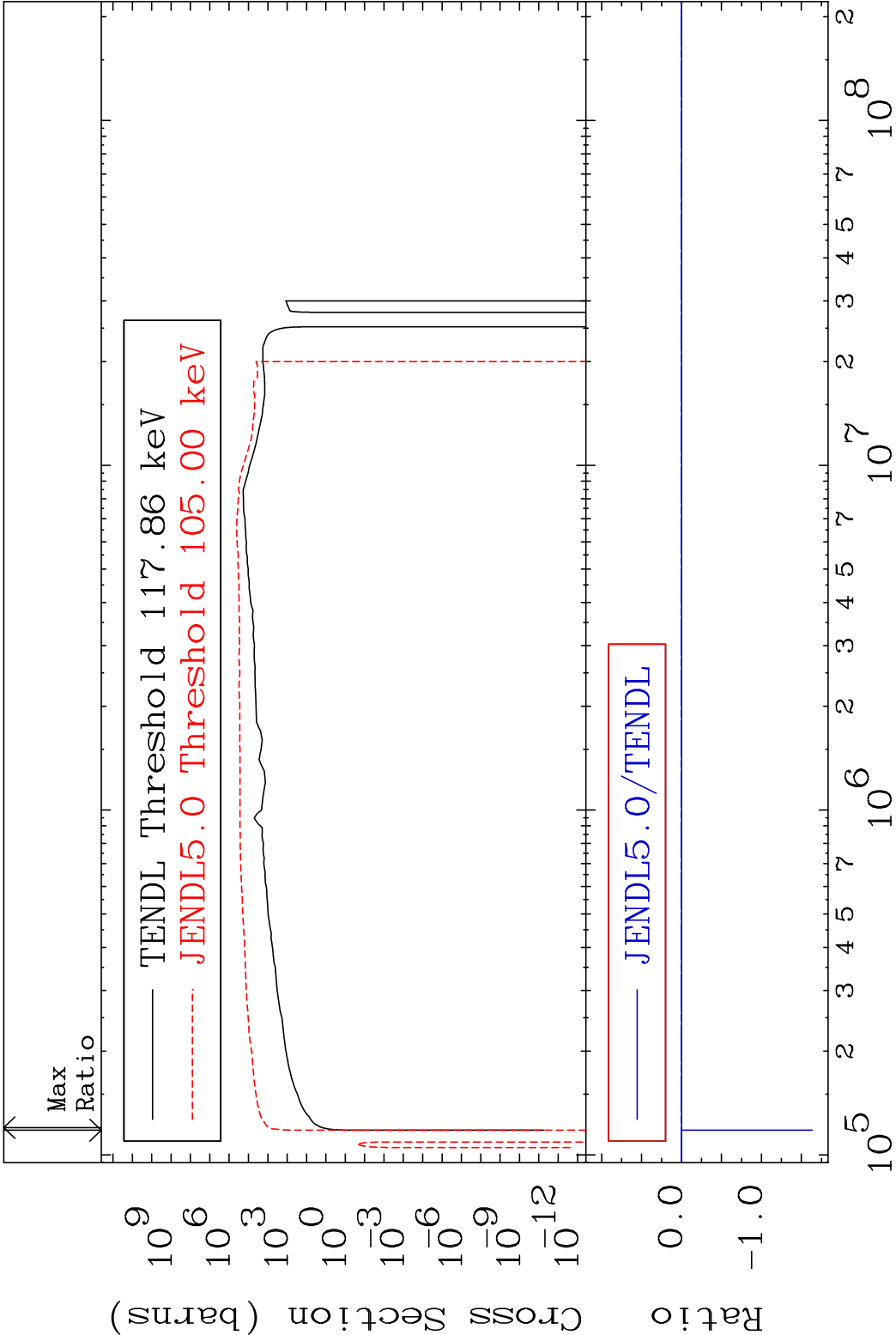


MAT 7119 Kerma elastic 71-Lu-173
Cross Section -95.20 To 114.4 %

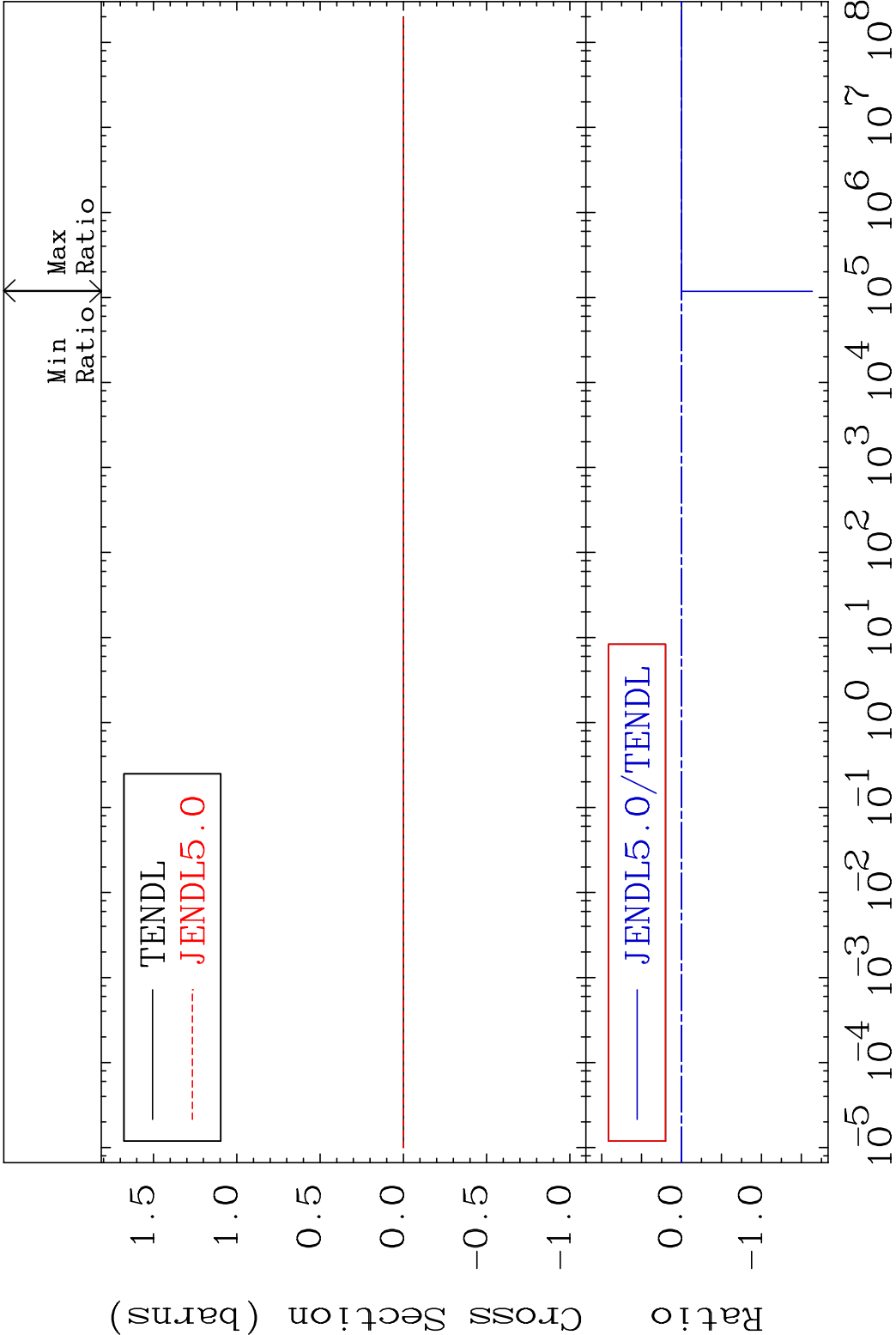


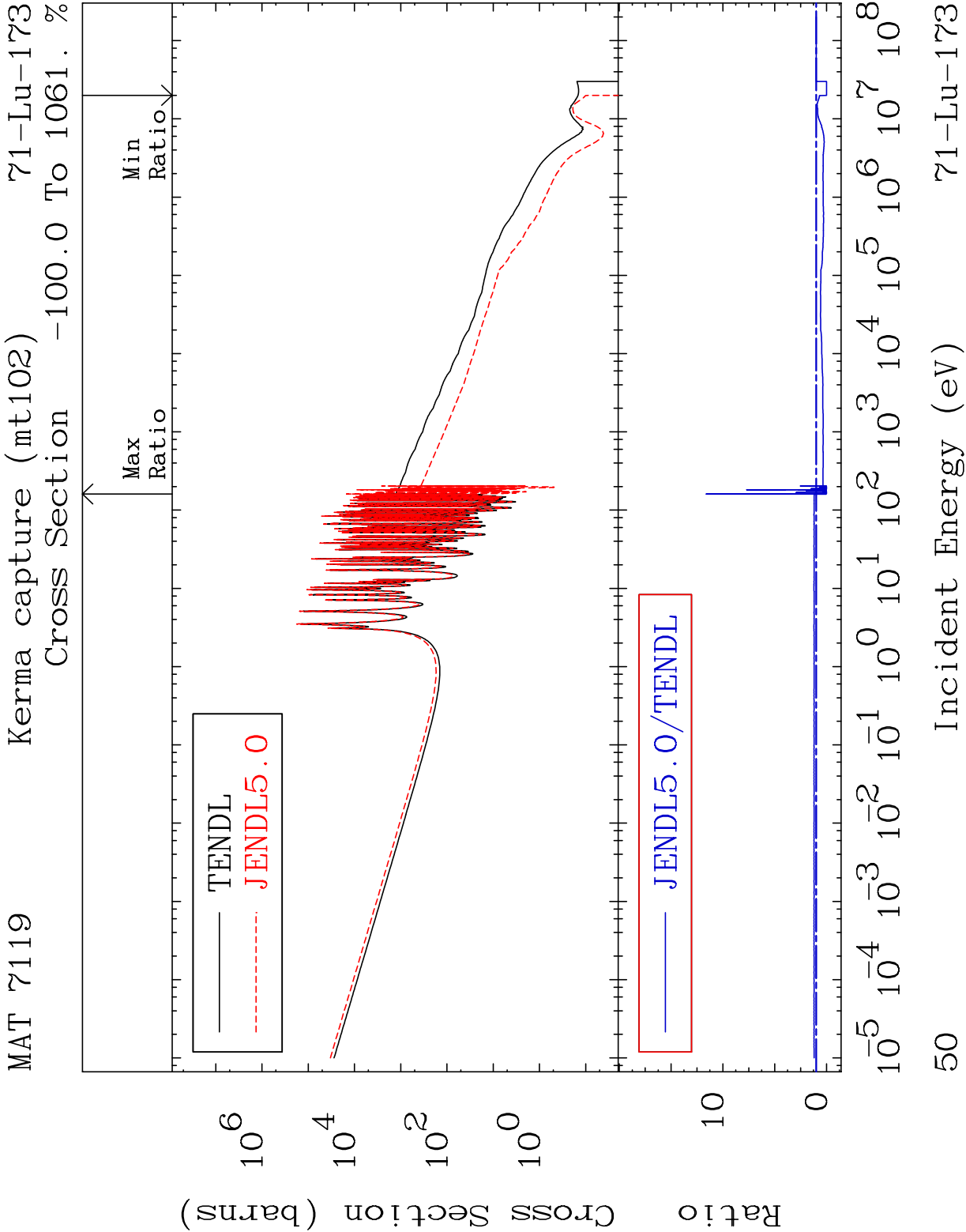
MAT 7119 Kerma non-elastic (all but mt2) 71-Lu-173
Cross Section -89.35 To 9999. %



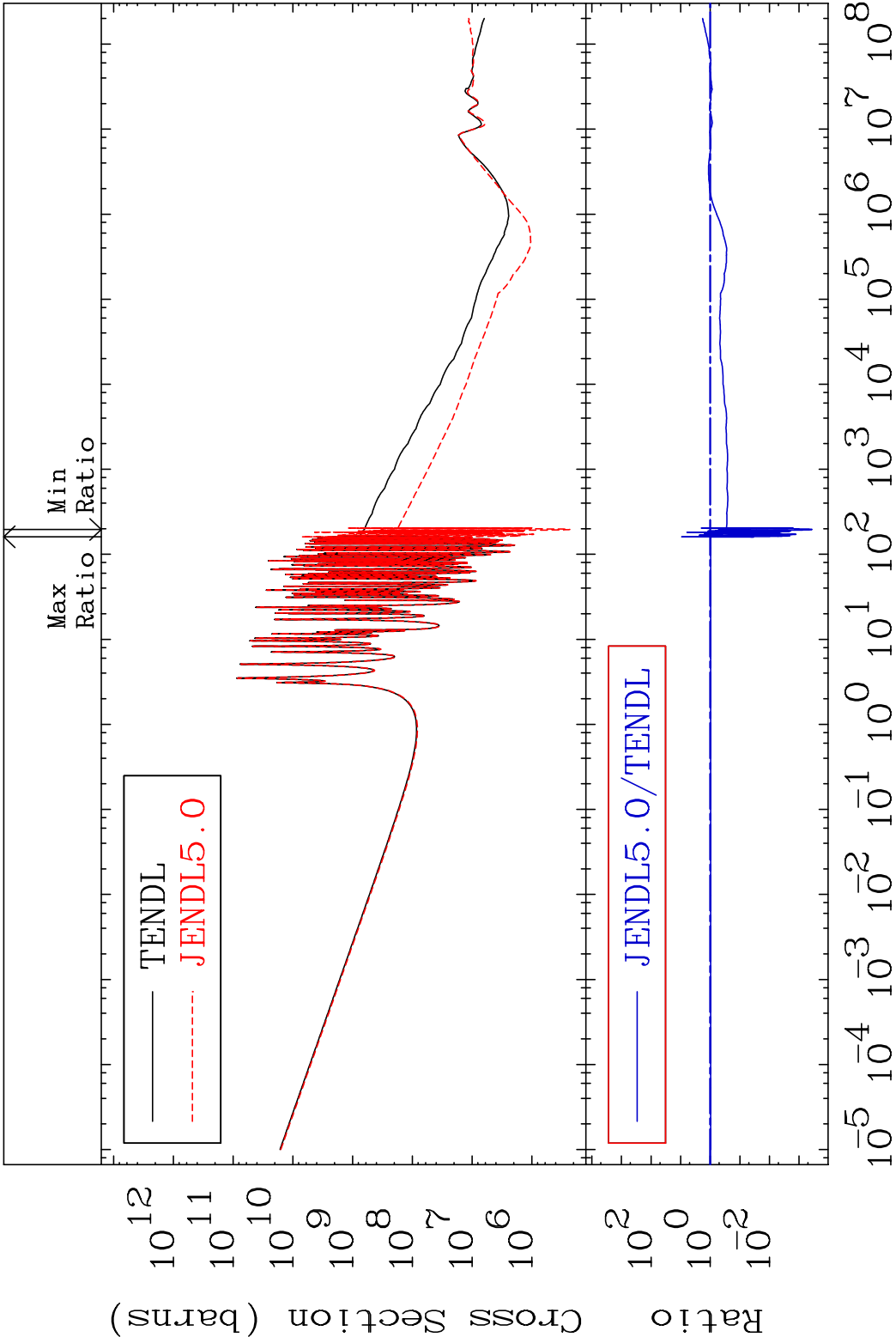


MAT 7119Kerma fission (mt18 or mt19-20-21-38)71-Lu-173
Cross Section -9999. To 9999. %

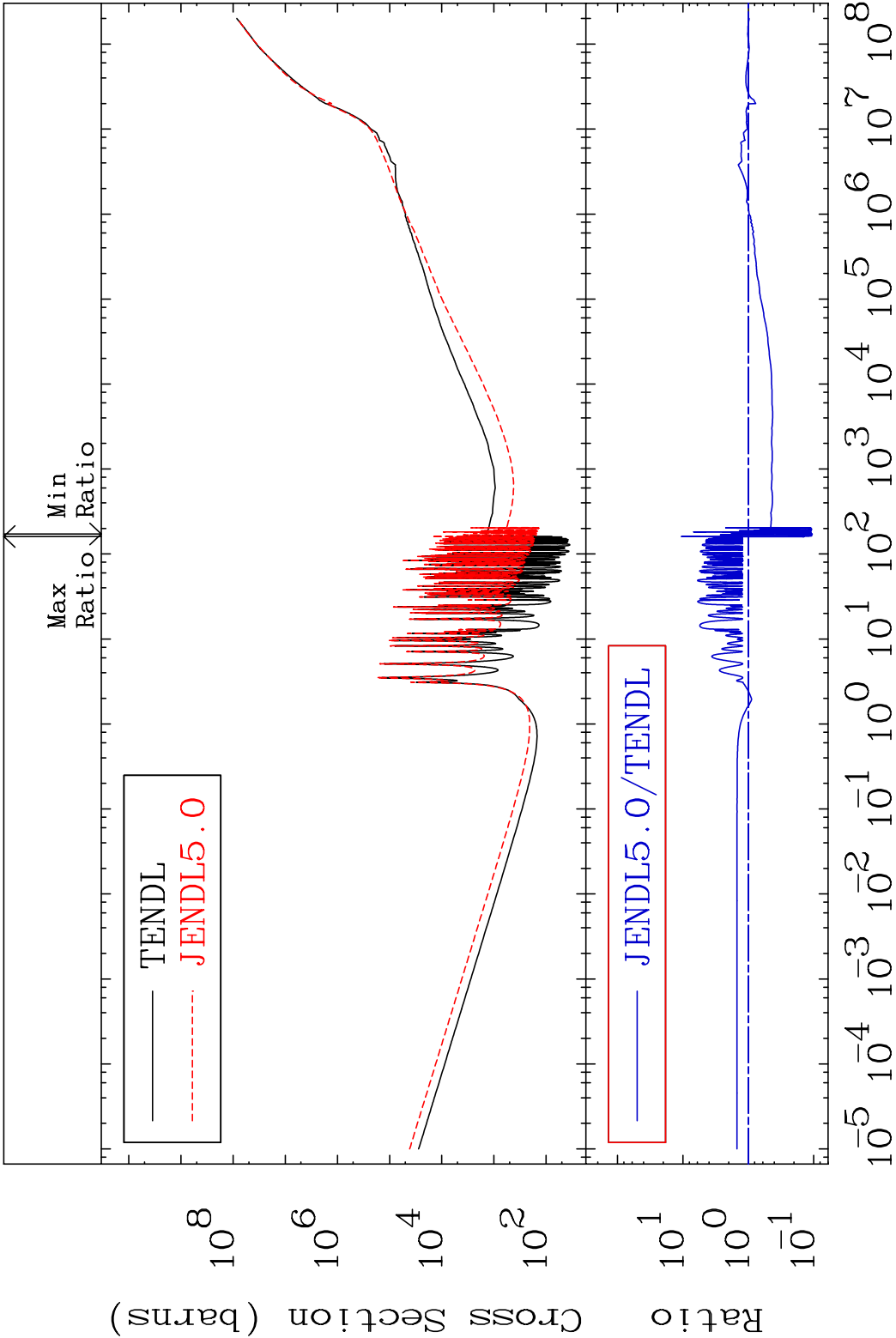




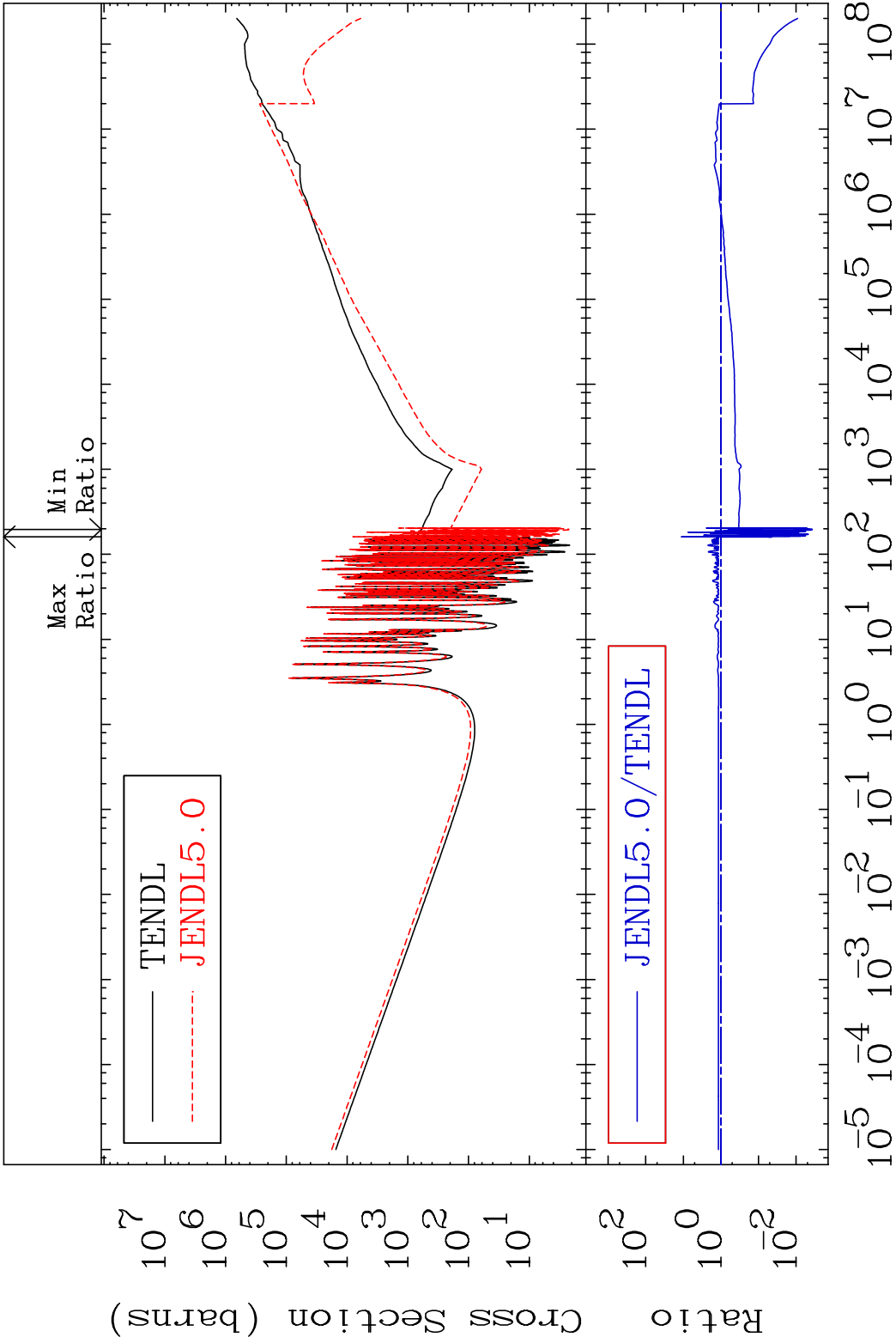
MAT 7119 Total photon (eV-barns) 71-Lu-173
Cross Section -99.96 To 833.4 %



MAT 7119 Total kinematic kerma (high limit) 71-Lu-173
Cross Section -89.48 To 950.6 %

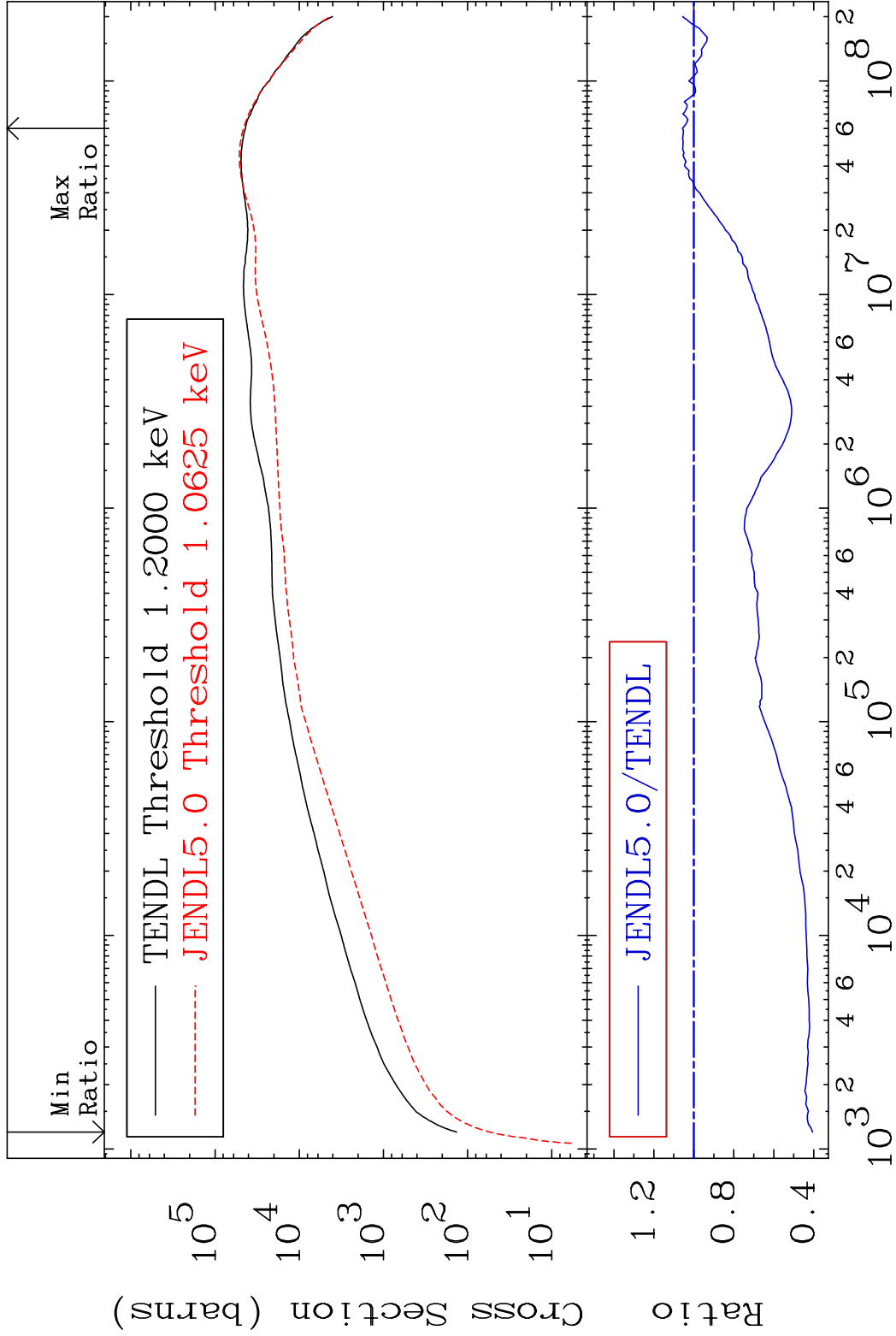


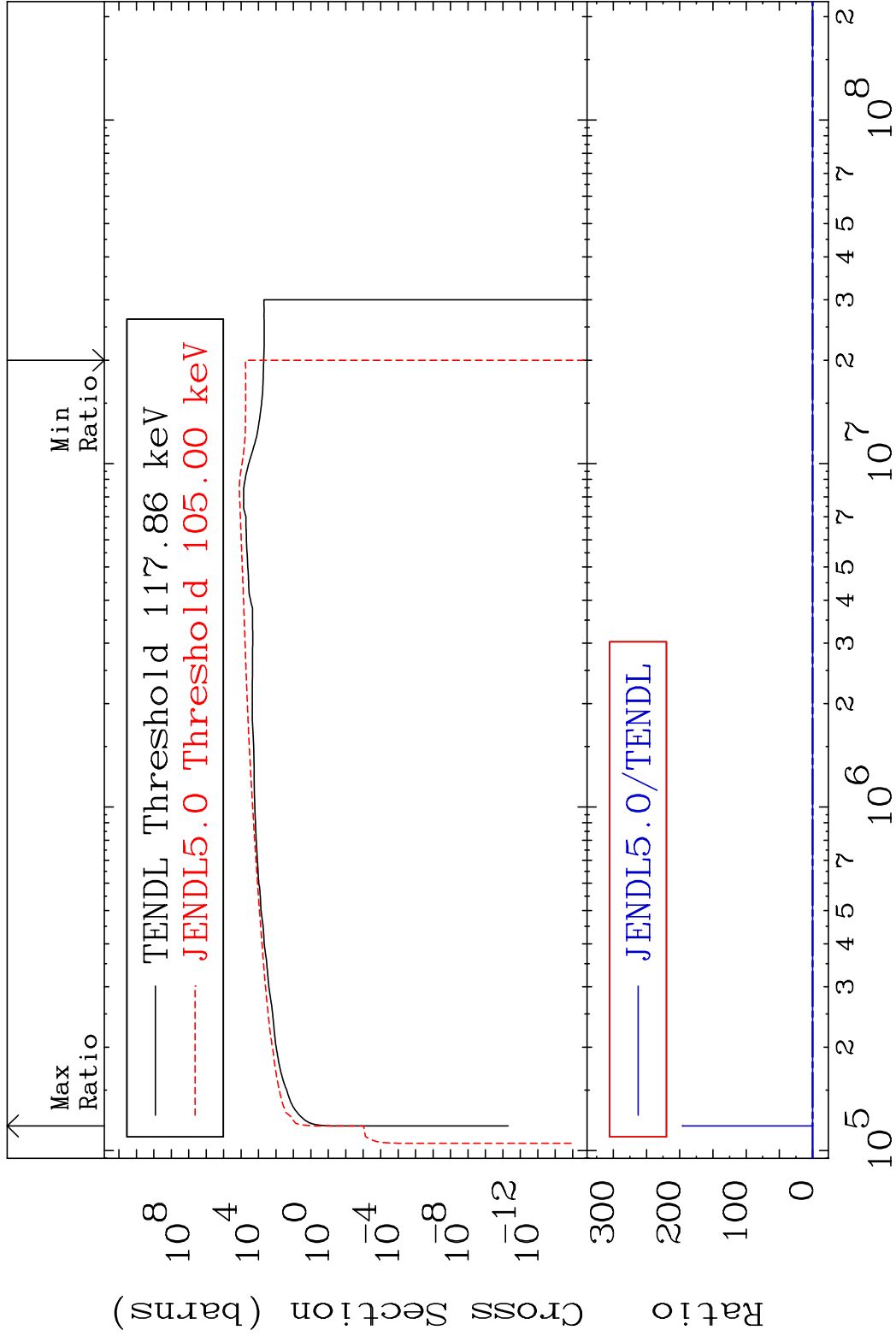
MAT 7119 Dpa total (eV-barns) 71-Lu-173
Cross Section -99.63 To 1015. %



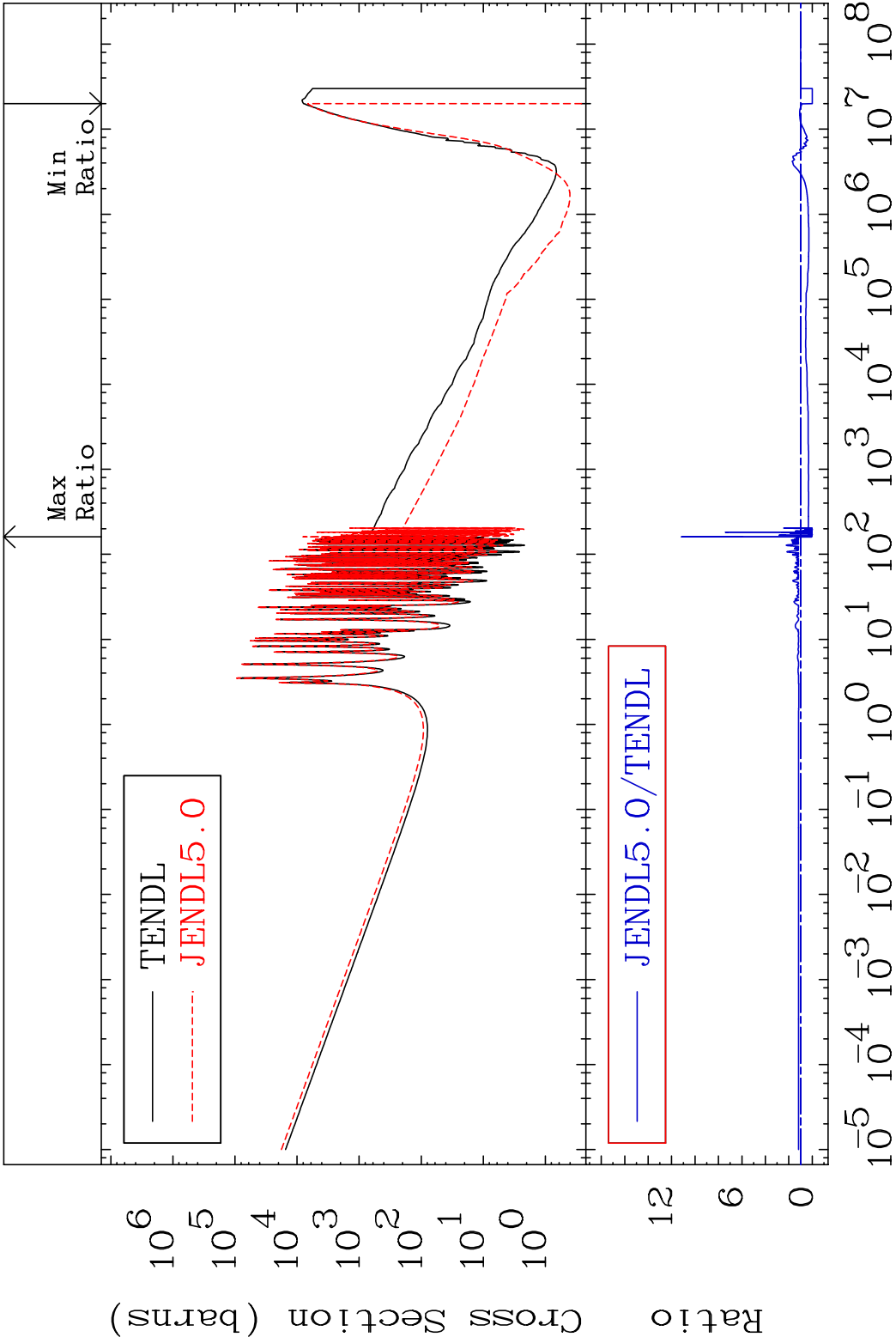
53 Incident Energy (eV) 71-Lu-173

MAT 7119 Dpa elastic (mt2) 71-Lu-173
Cross Section -59.44 To 5.731 %



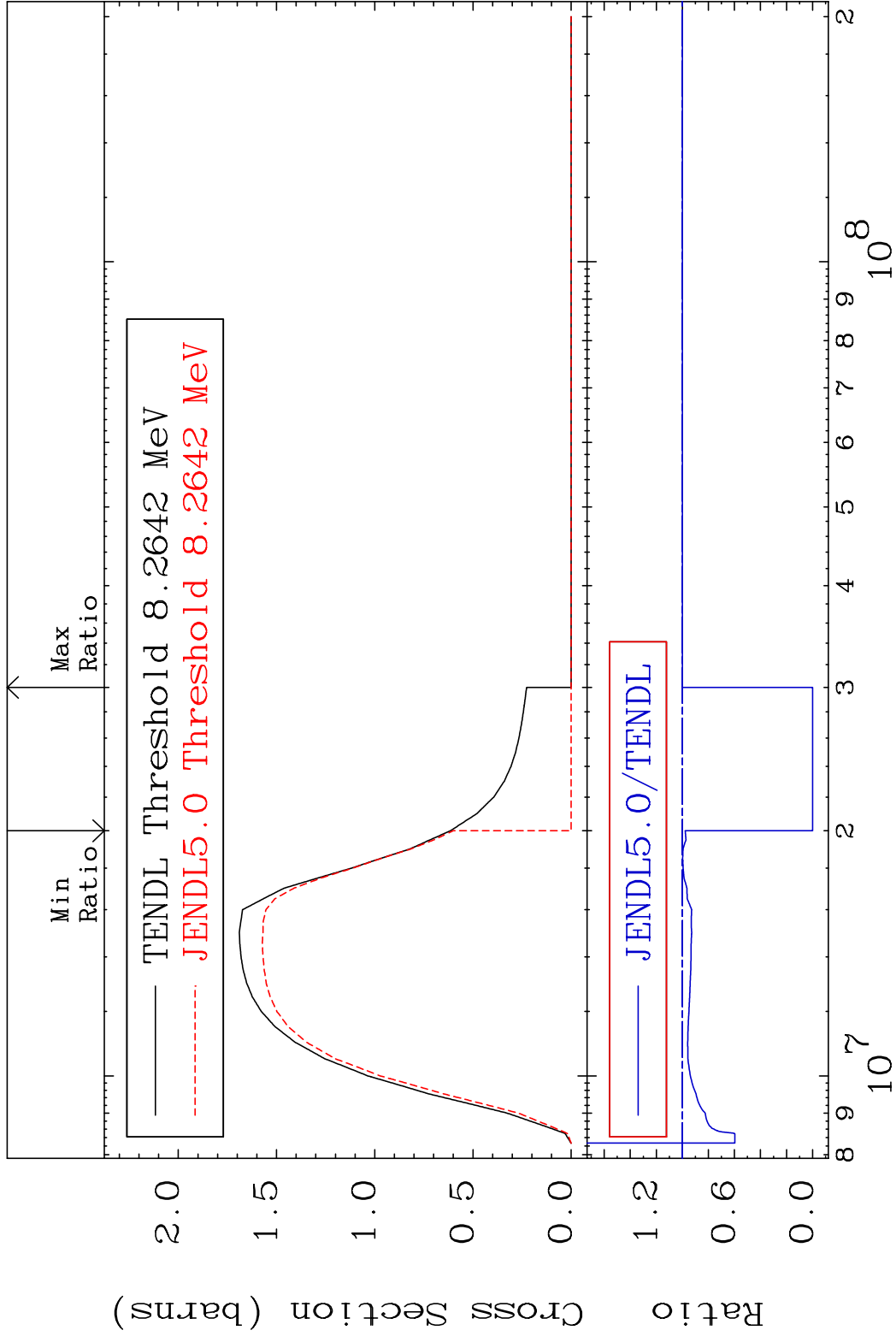


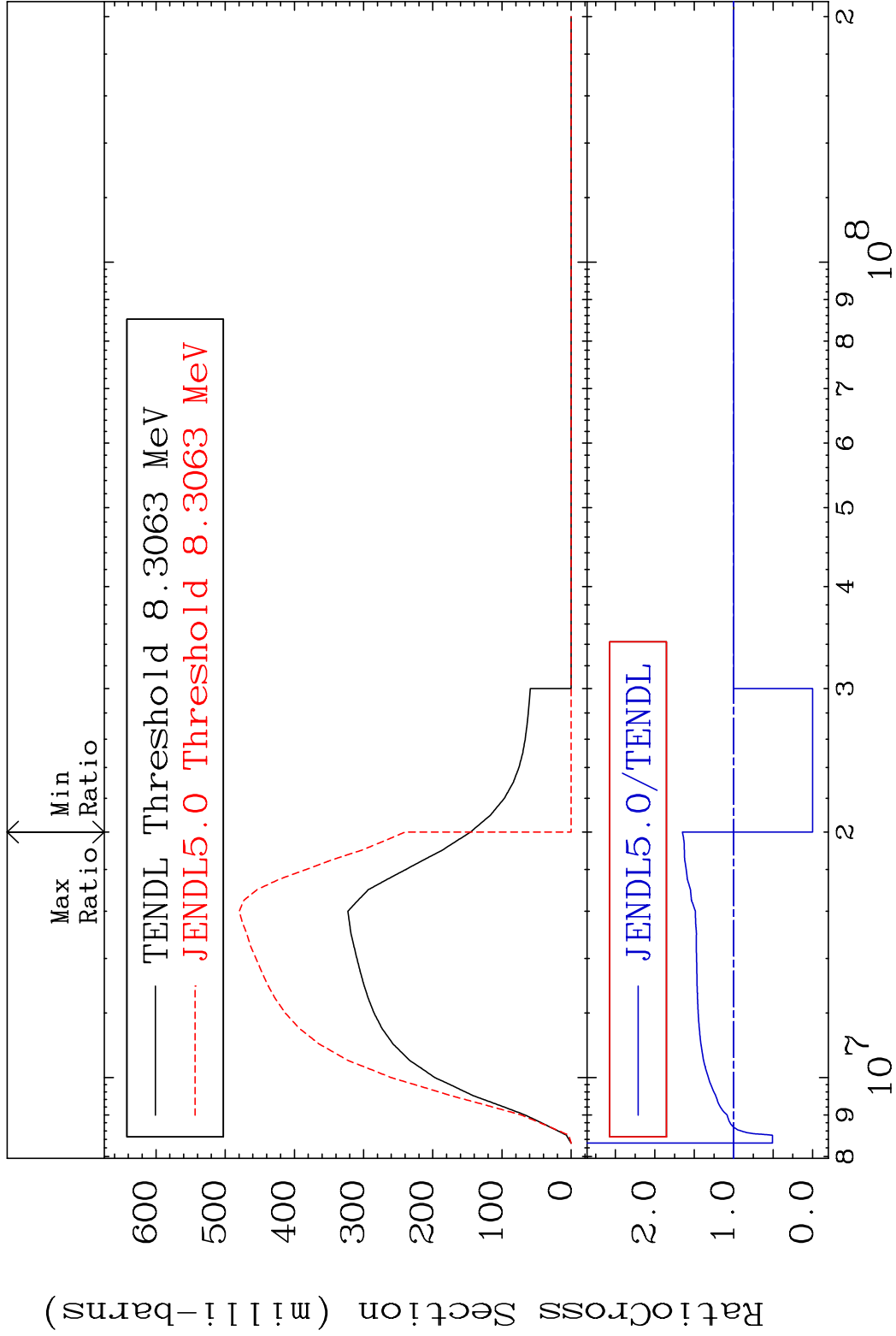
MAT 7119 Dpa disappearance (mt102 -120) 71-Lu-173
Cross Section -100.0 To 1015. %

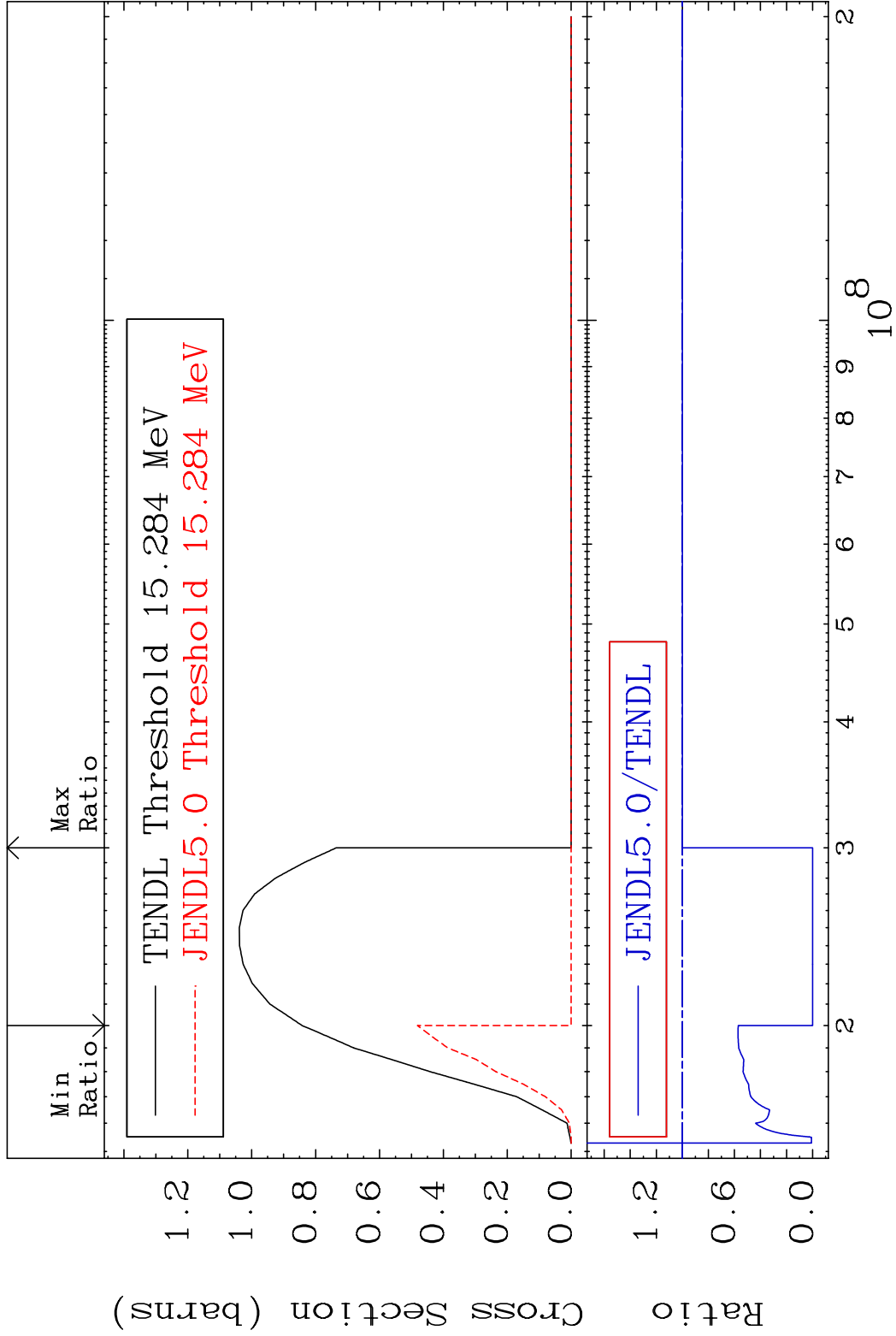


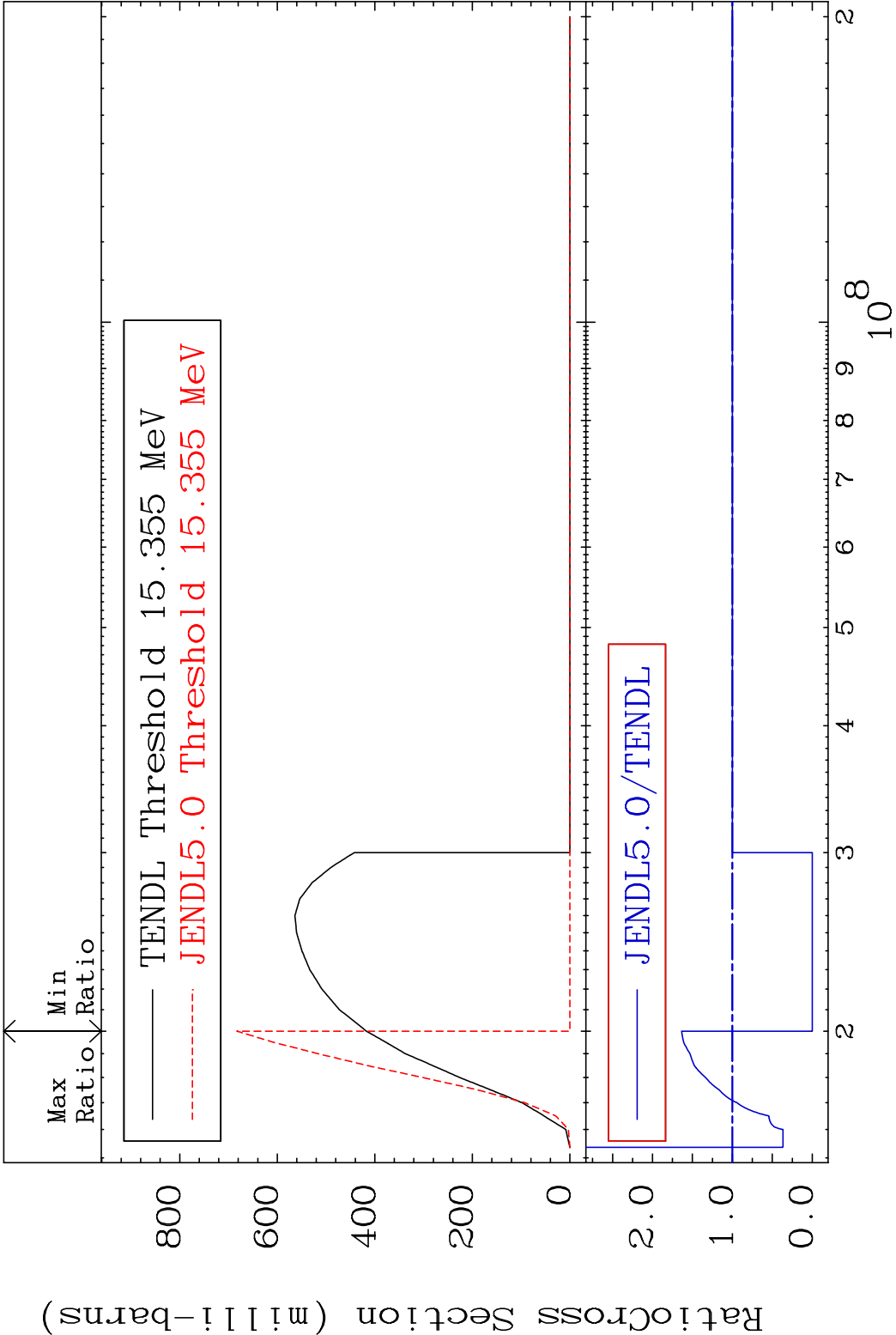
56 Incident Energy (eV) 71-Lu-173

Radionuclide Production Cross Section 180.000 to 0.000 %







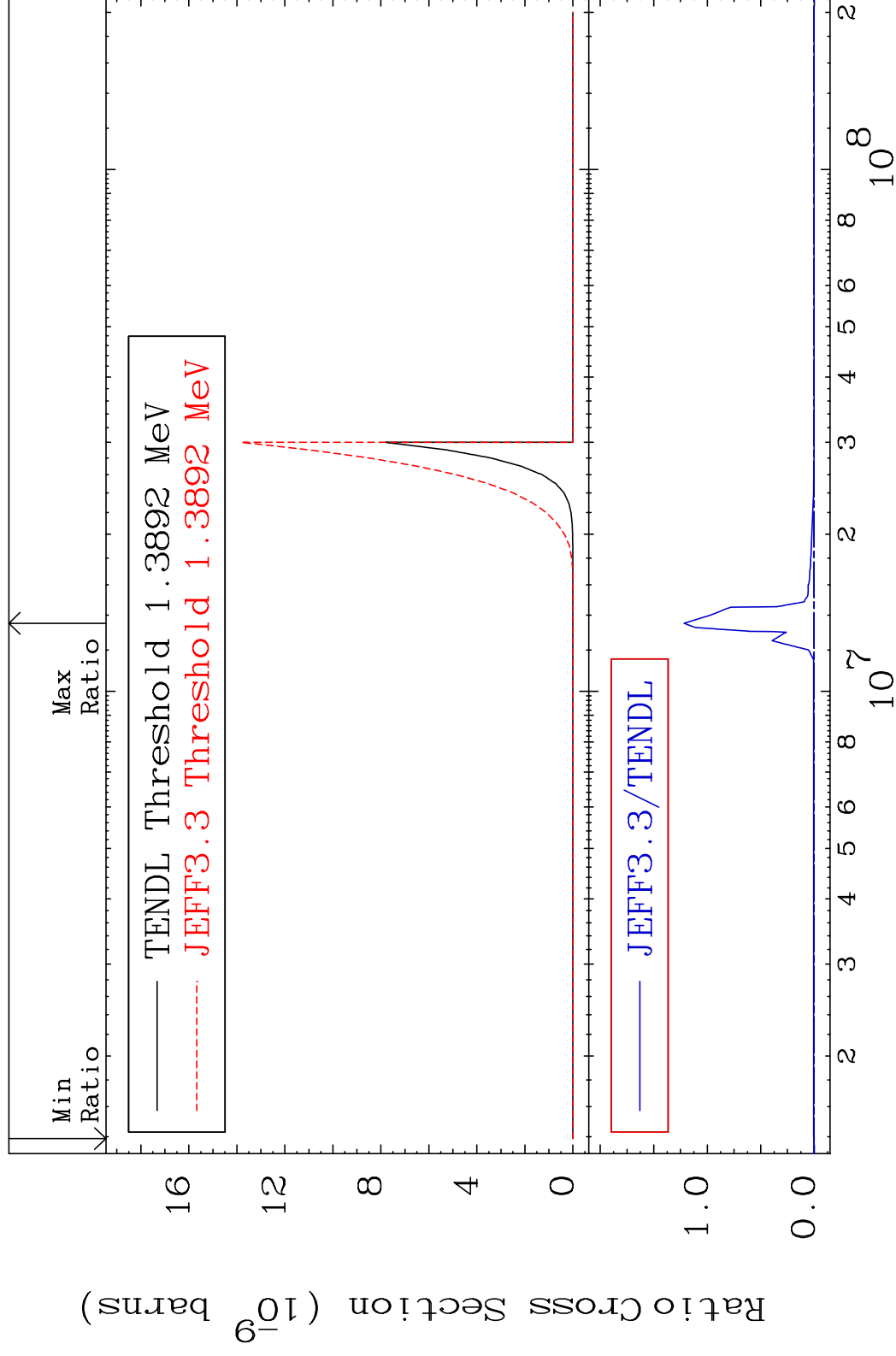


MAT 7119

$$(n, d) \propto$$

71-Lu-173

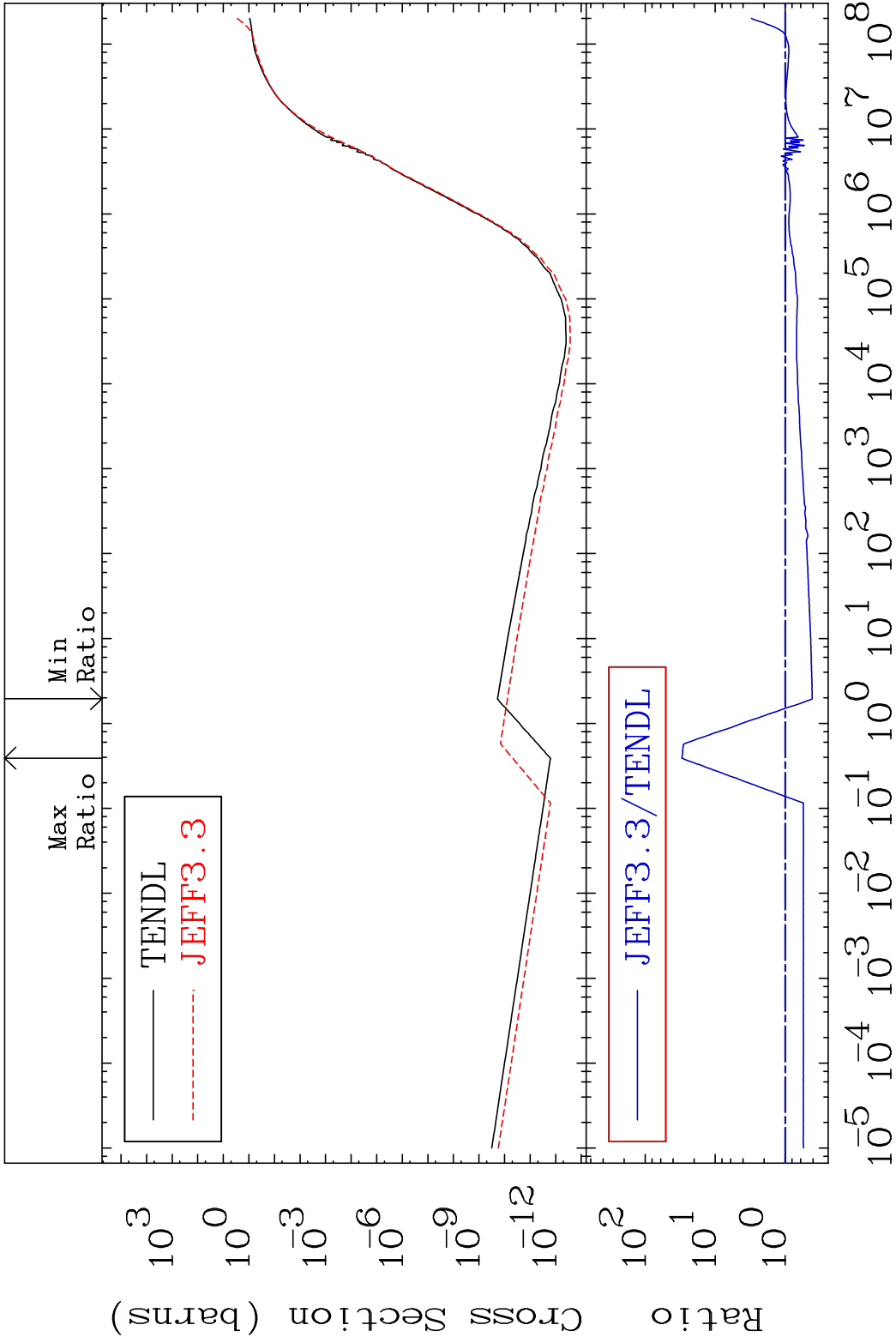
Cross Section -100.0 To 9999. %

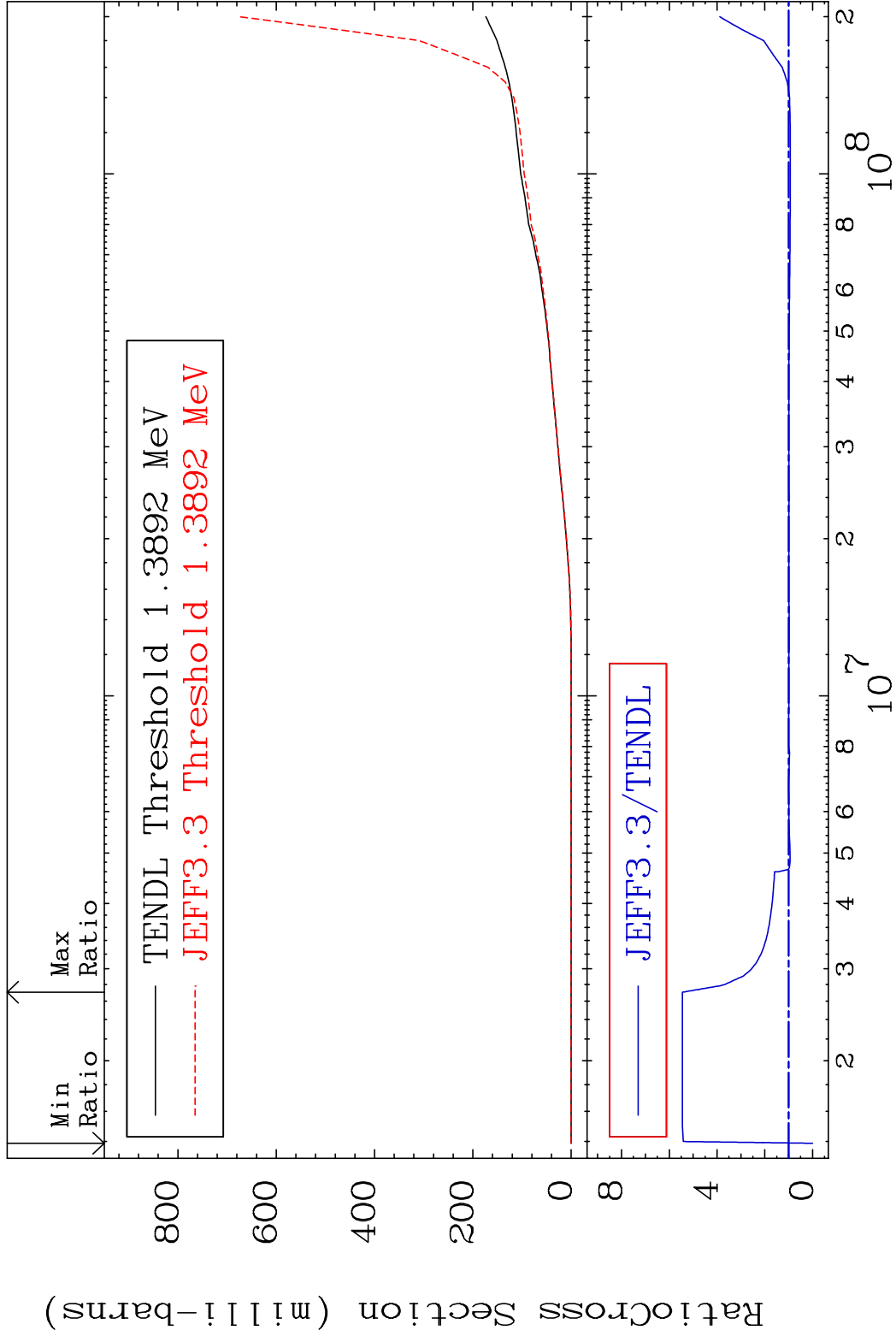


19

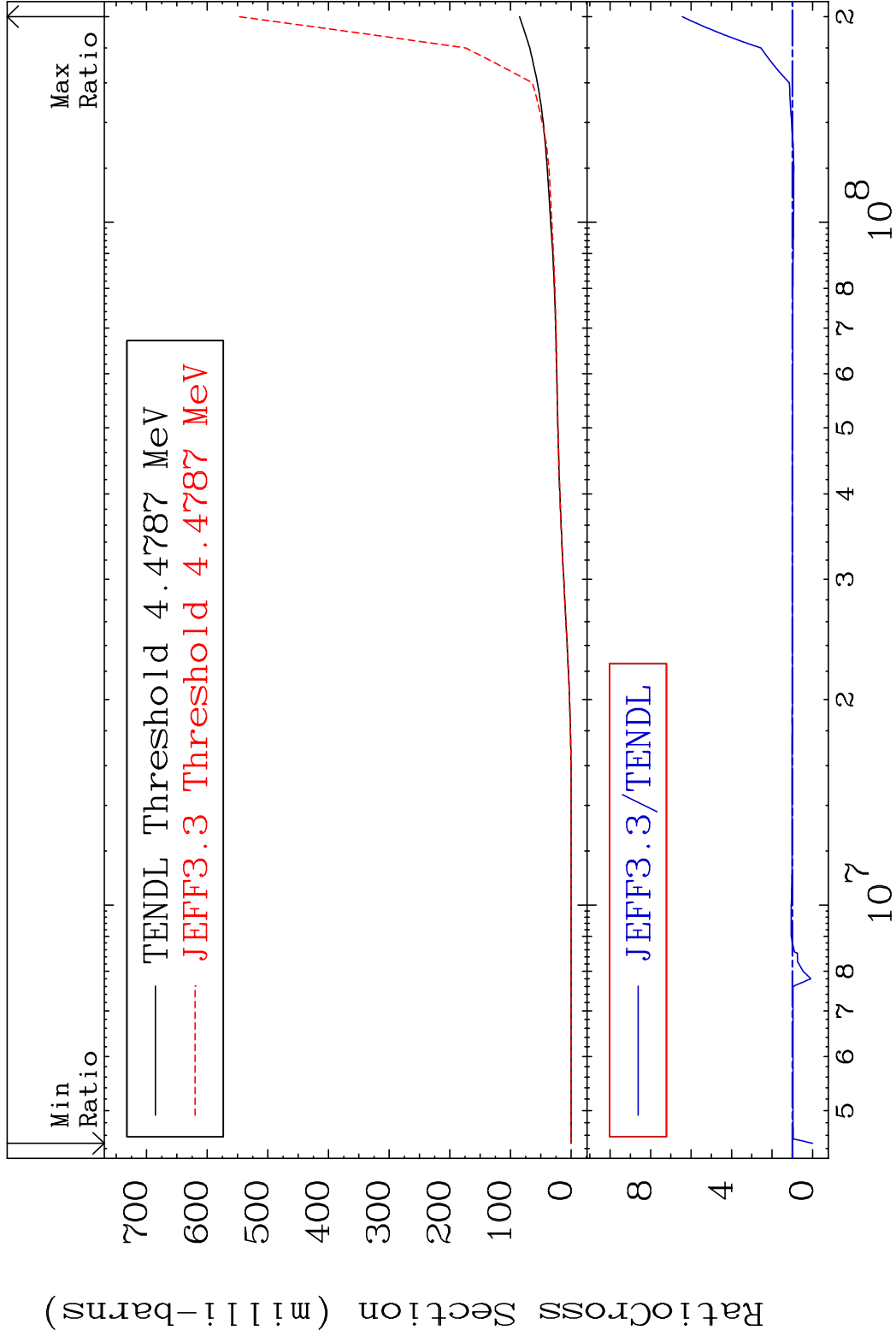
Incident Energy (eV)

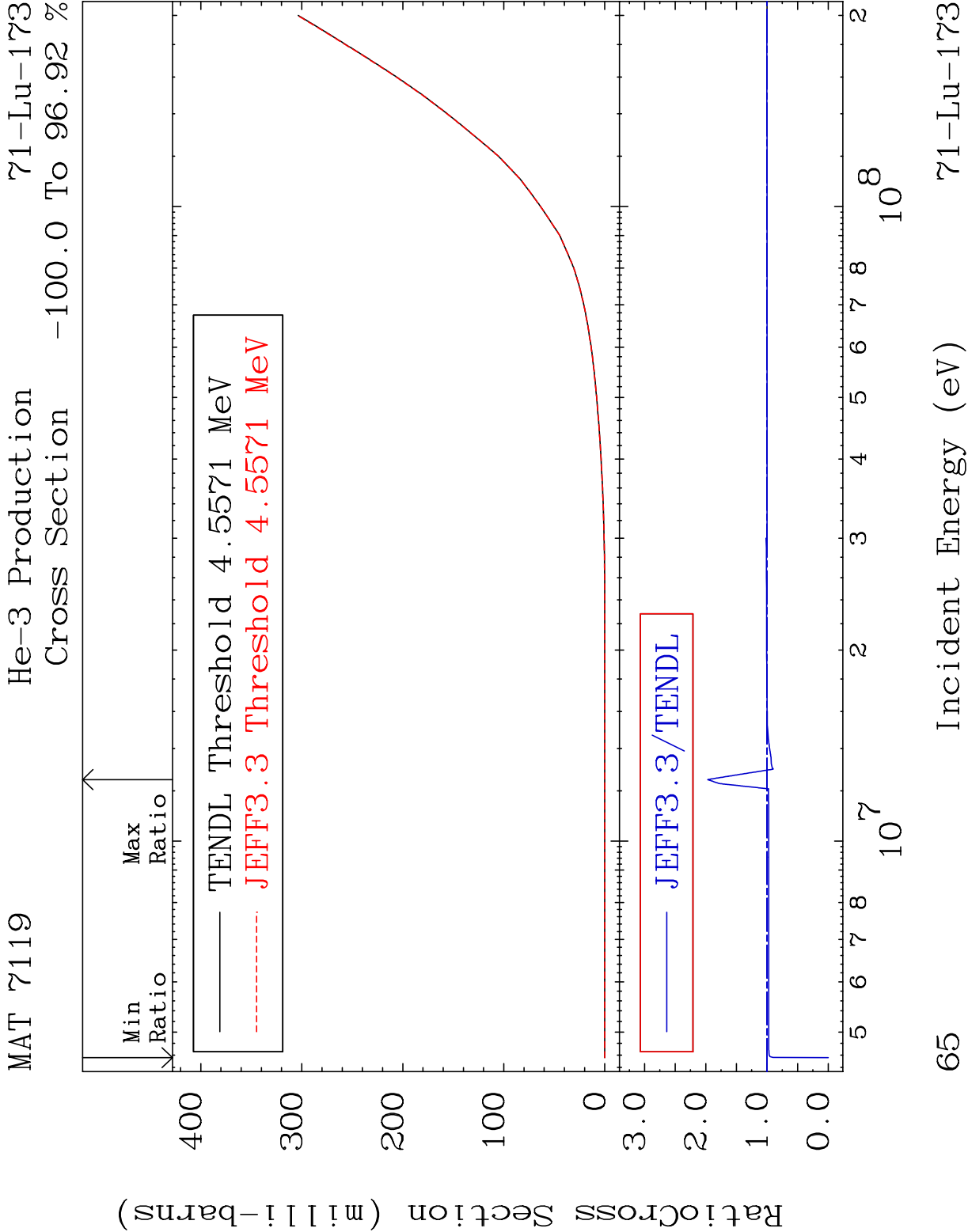
71-Lu-173

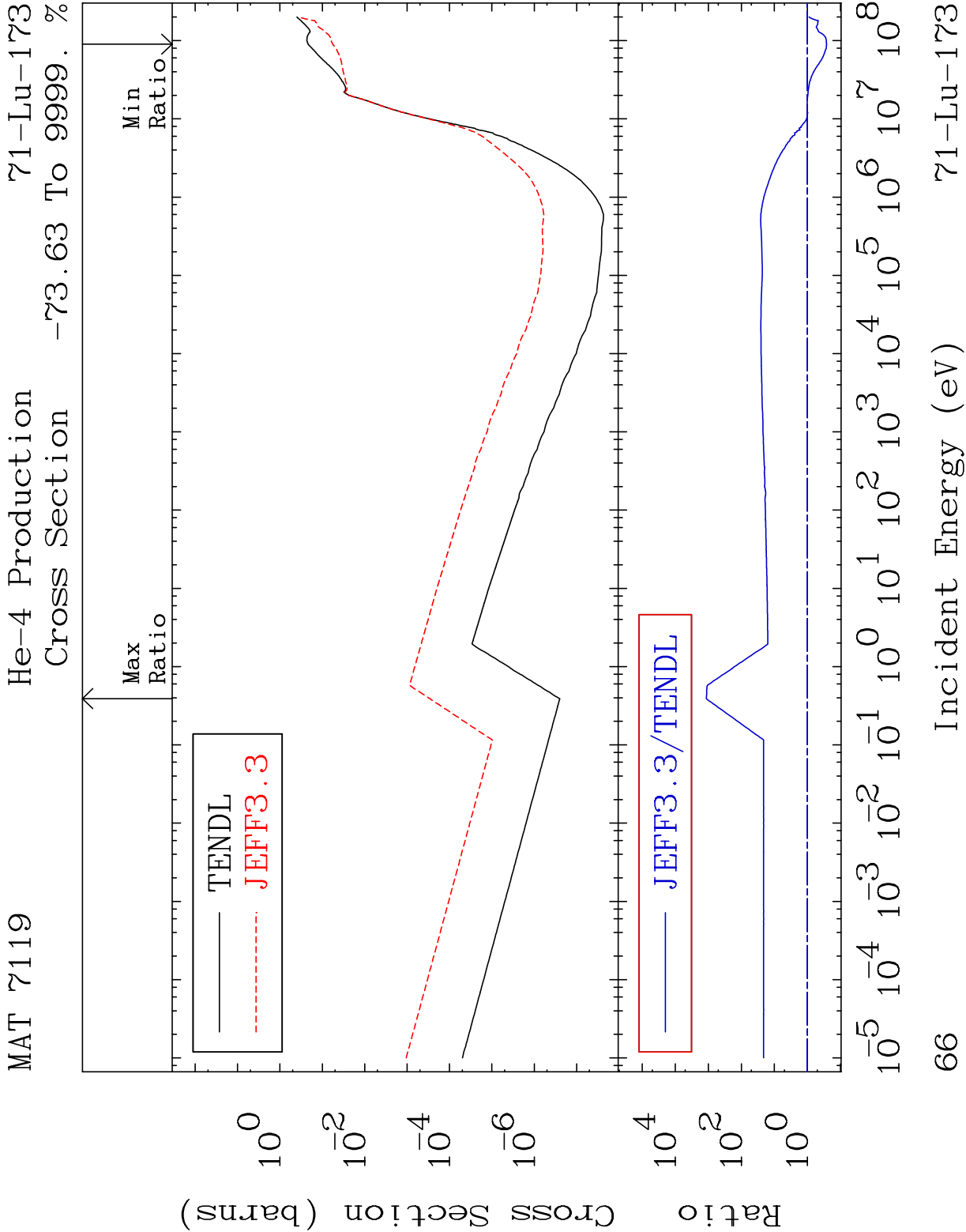




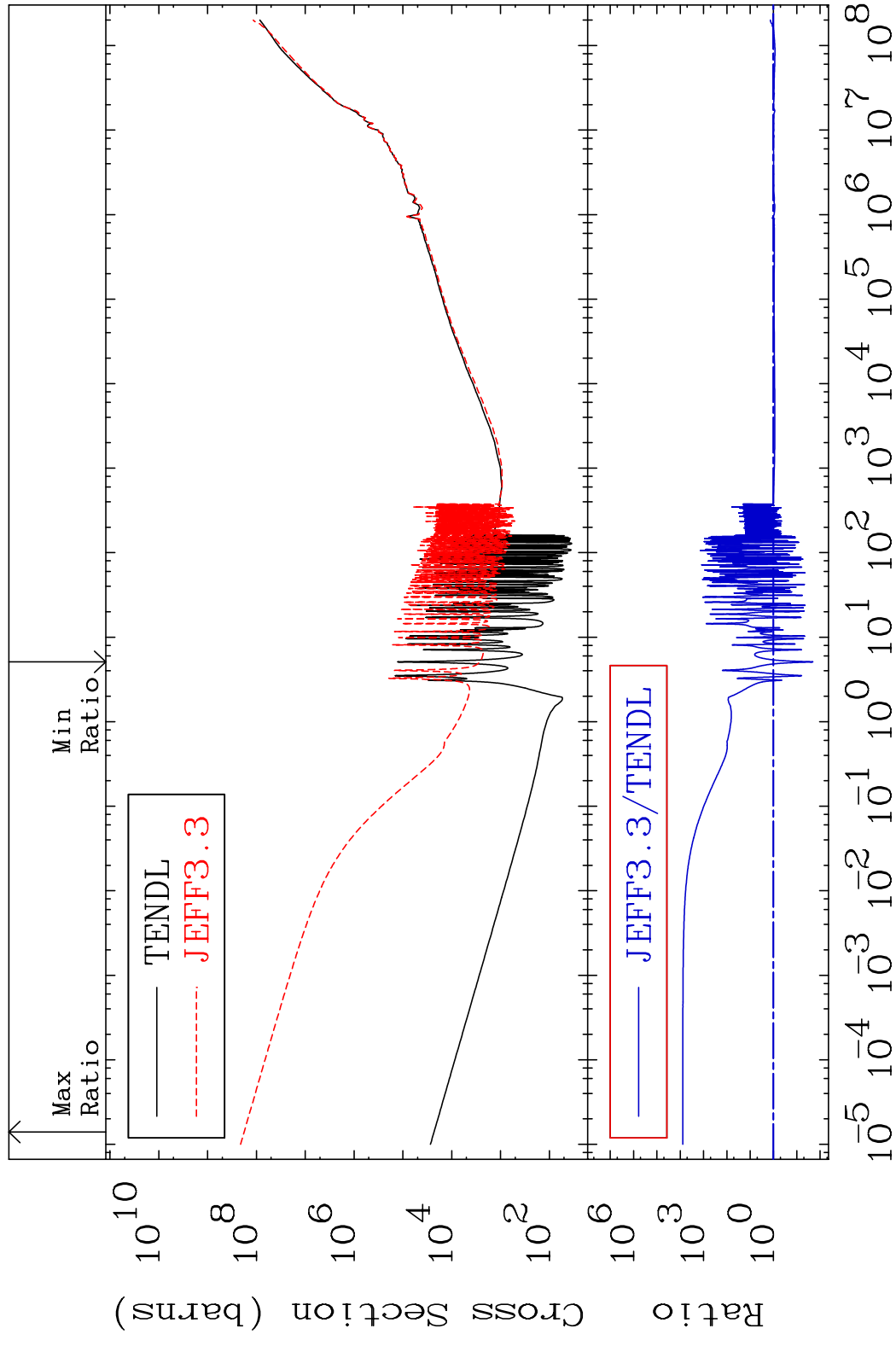
MAT 7119 Tritium Production ⁷¹Lu-173
Cross Section -100.0 To 543.1 %





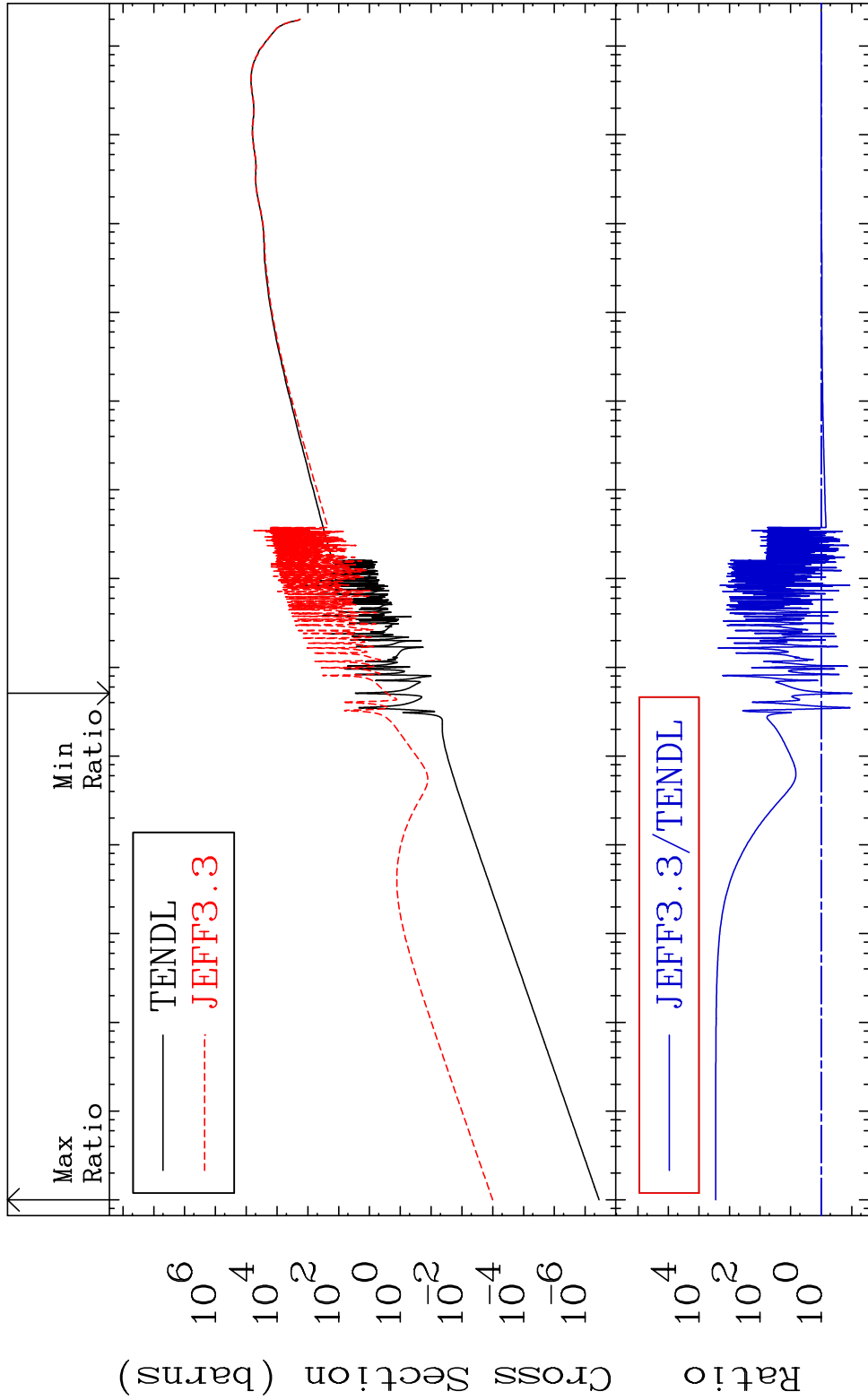


MAT 7119	Kerma total	(eV-barns)	71-Lu-173
	Cross Section	-97.92 To 9999. %	



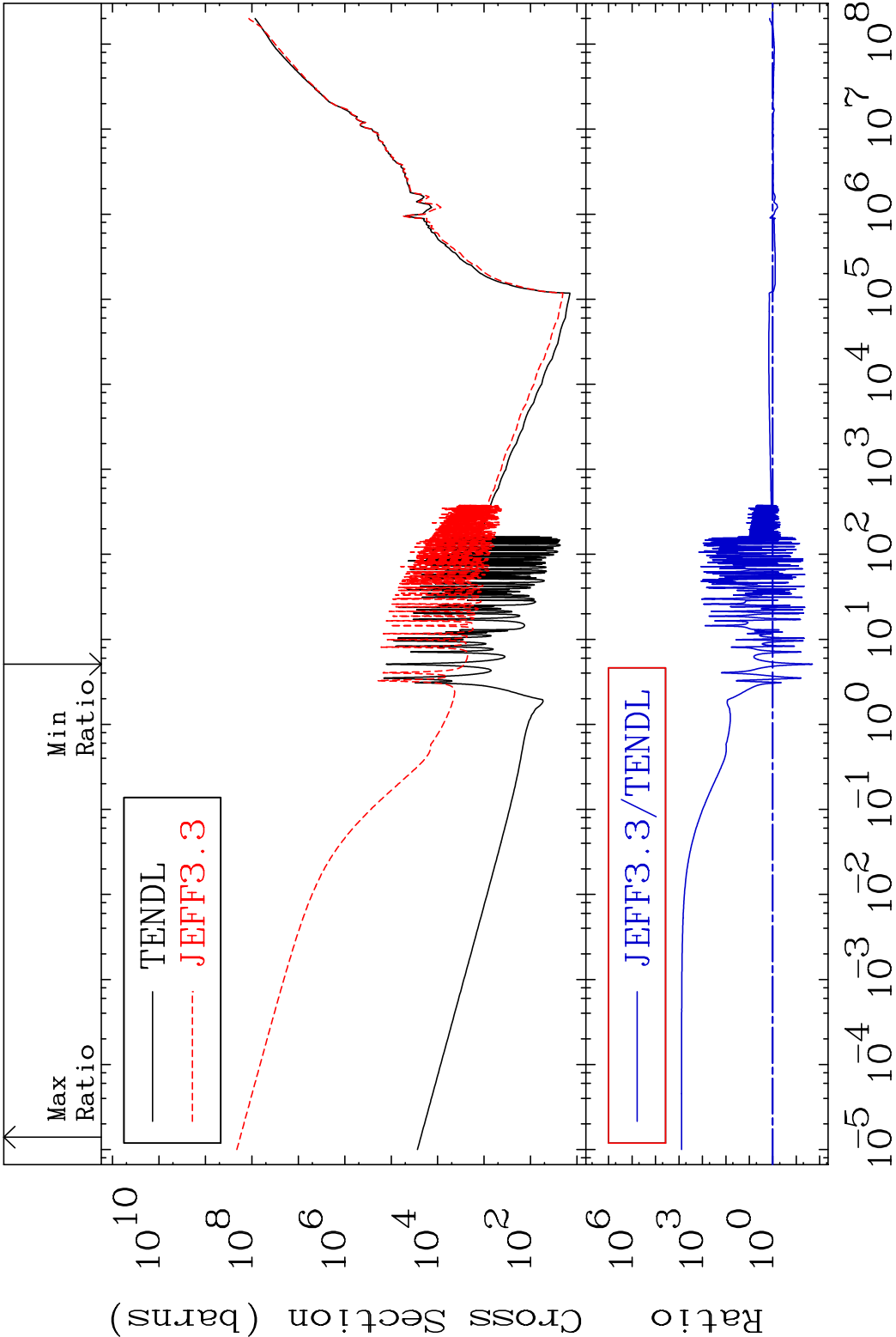
67	Incident Energy (eV)	^{71}Lu -173

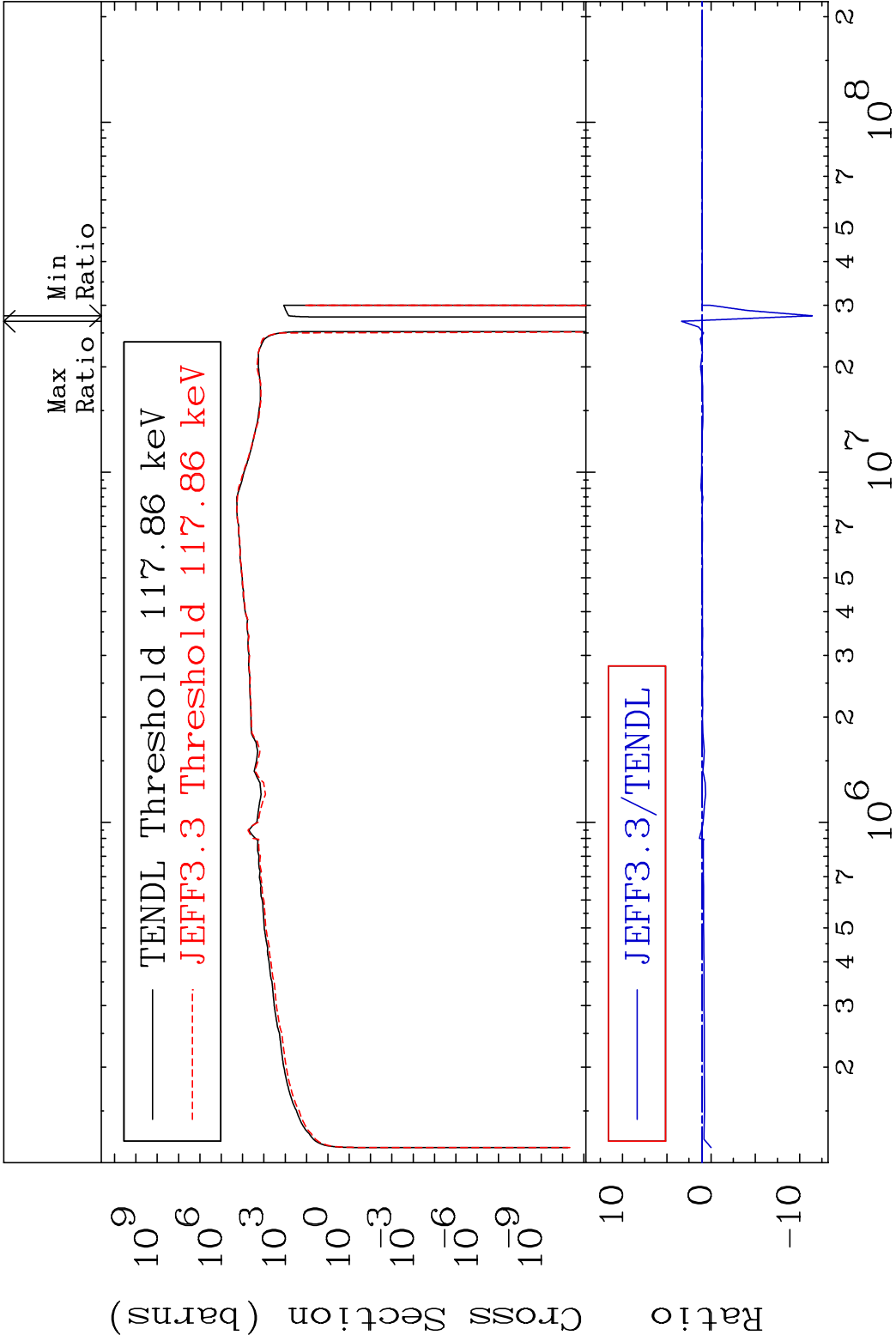
MAT 7119 Kerma elastic 71-Lu-173
Cross Section -90.38 To 9999. %



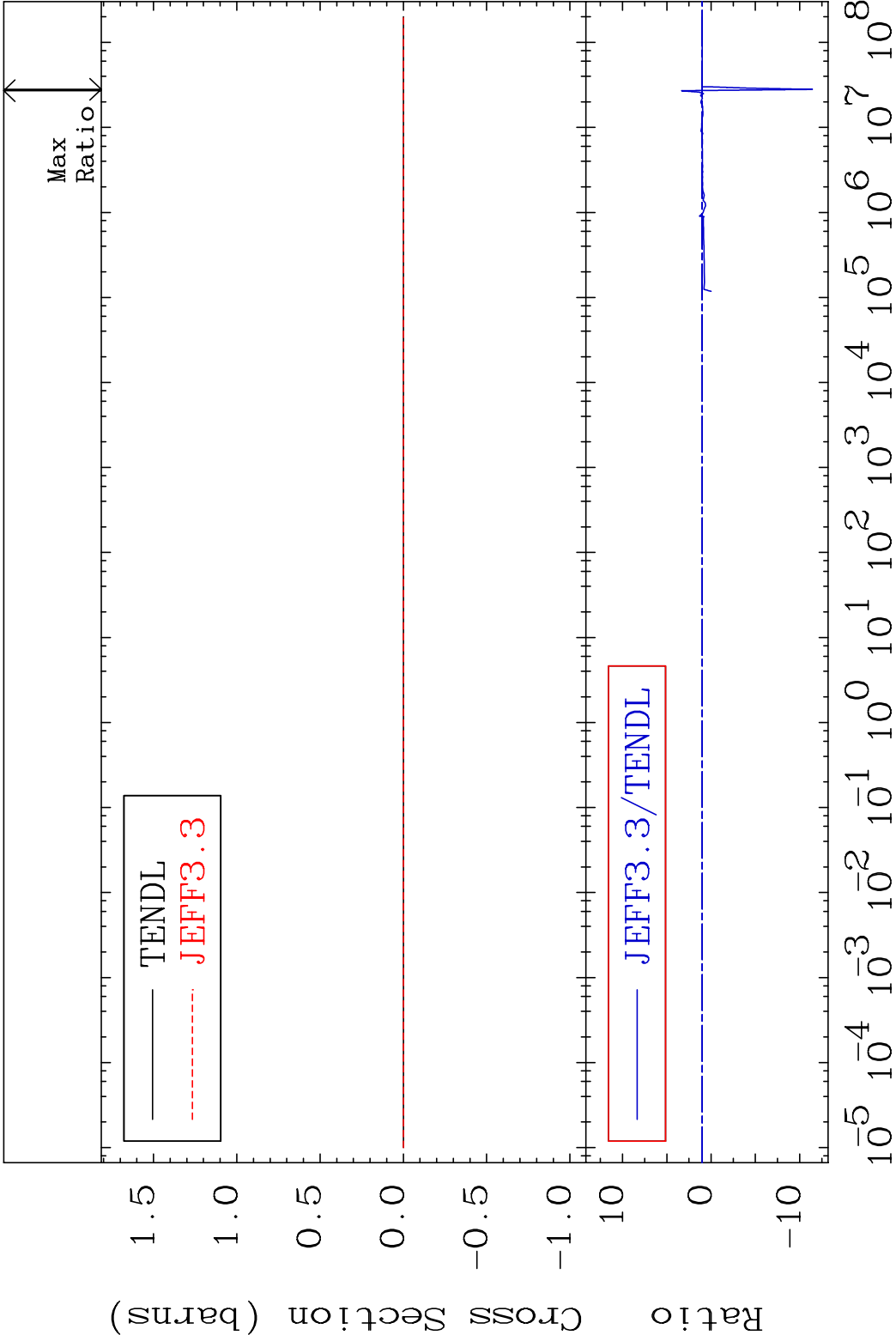
68 Incident Energy (eV) 71-Lu-173

MAT 7119 Kerma non-elastic (all but mt2) 71-Lu-173
Cross Section -97.92 To 9999. %

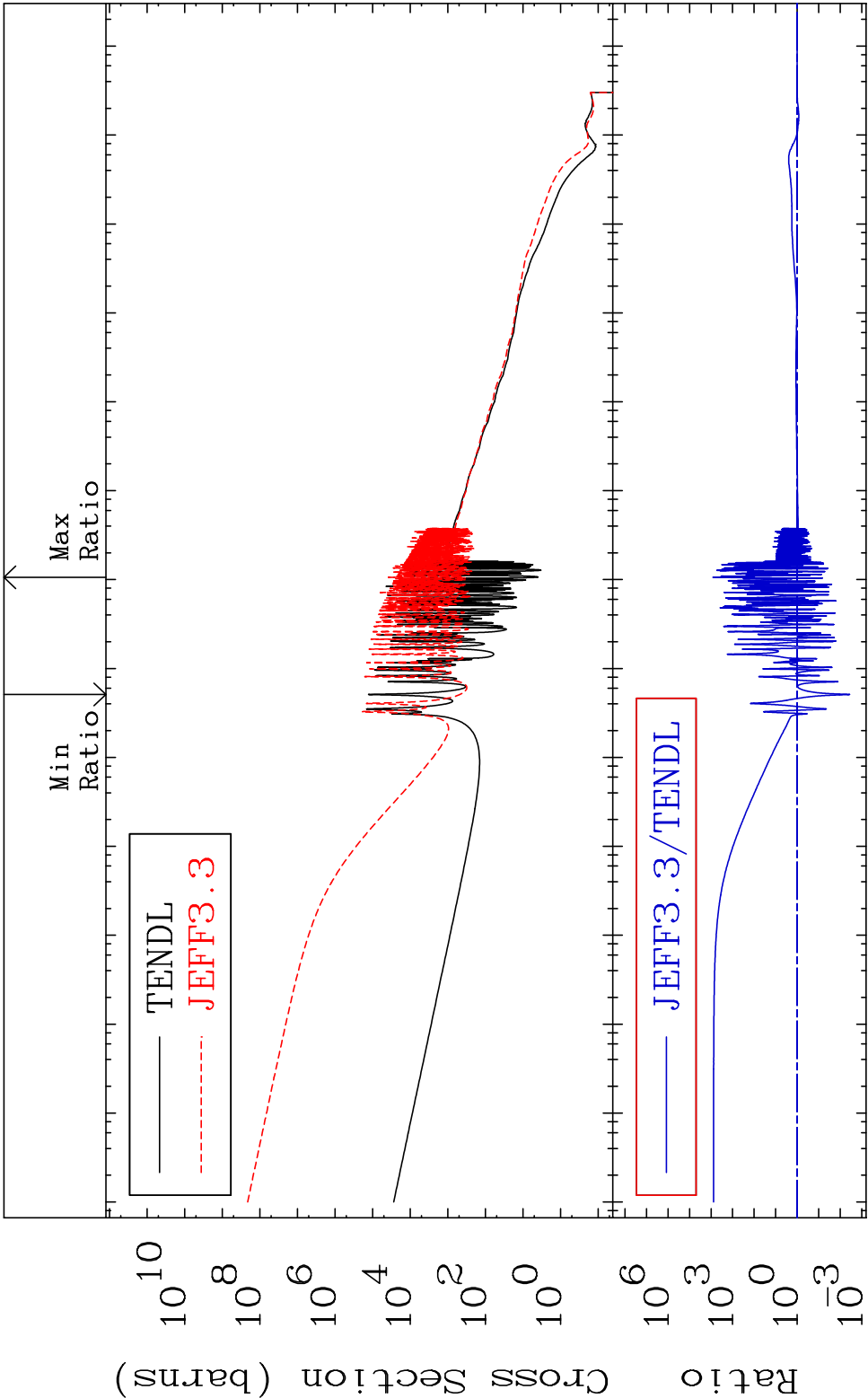


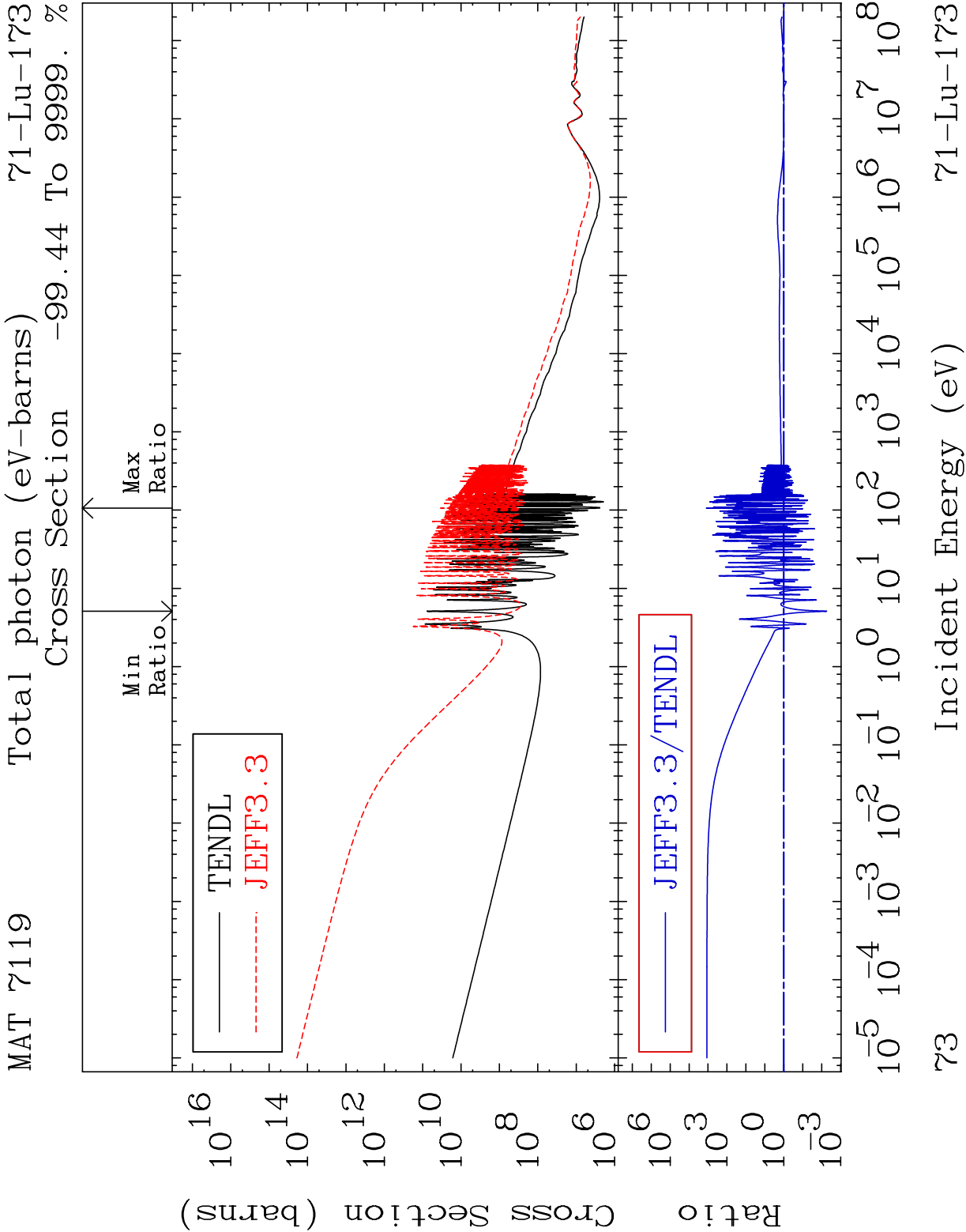


MAT 7119Kerma fission (mt18 or mt19-20-21-38)71-Lu-173
Cross Section -1242. To 233.7 %

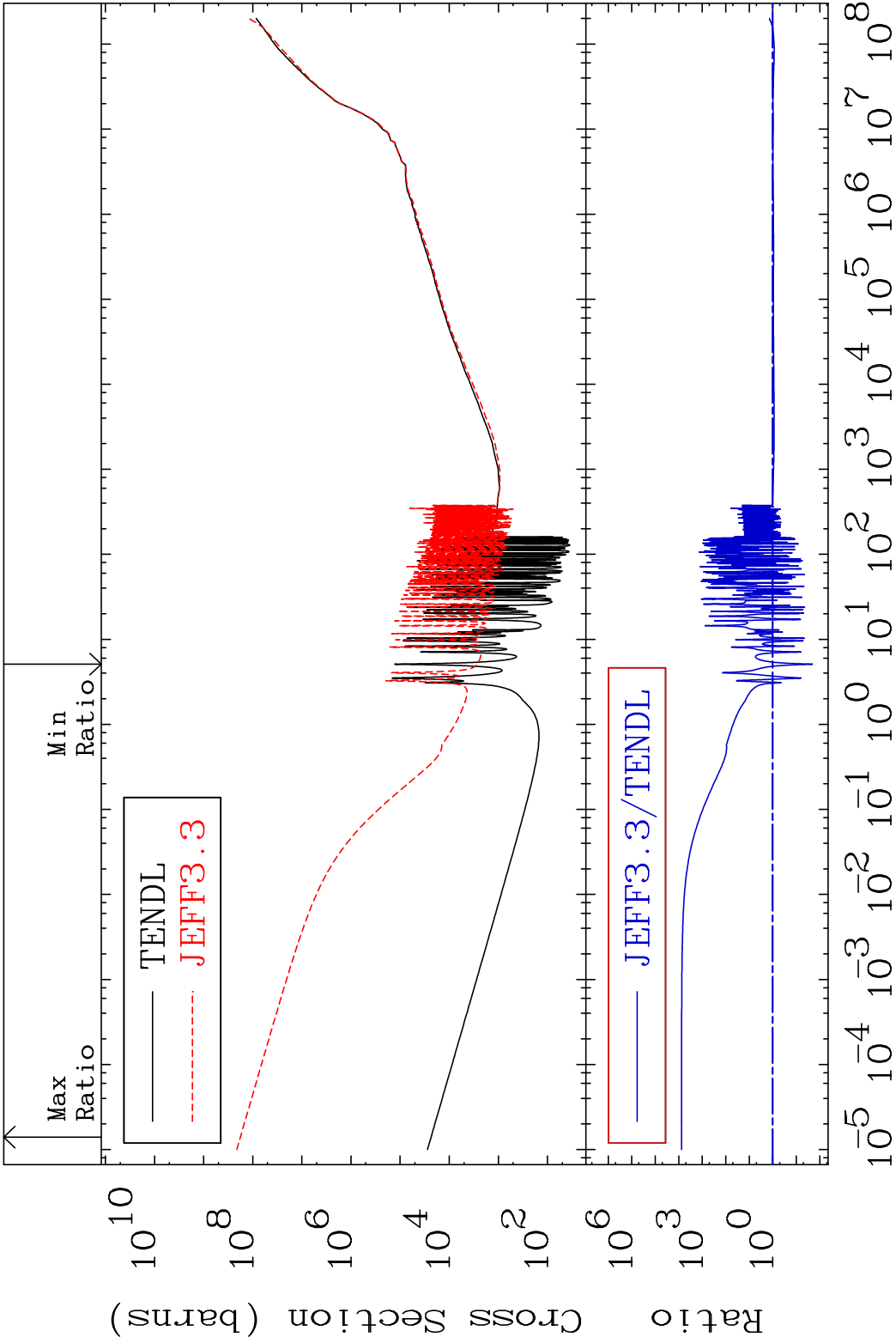


71 Incident Energy (eV) 71-Lu-173



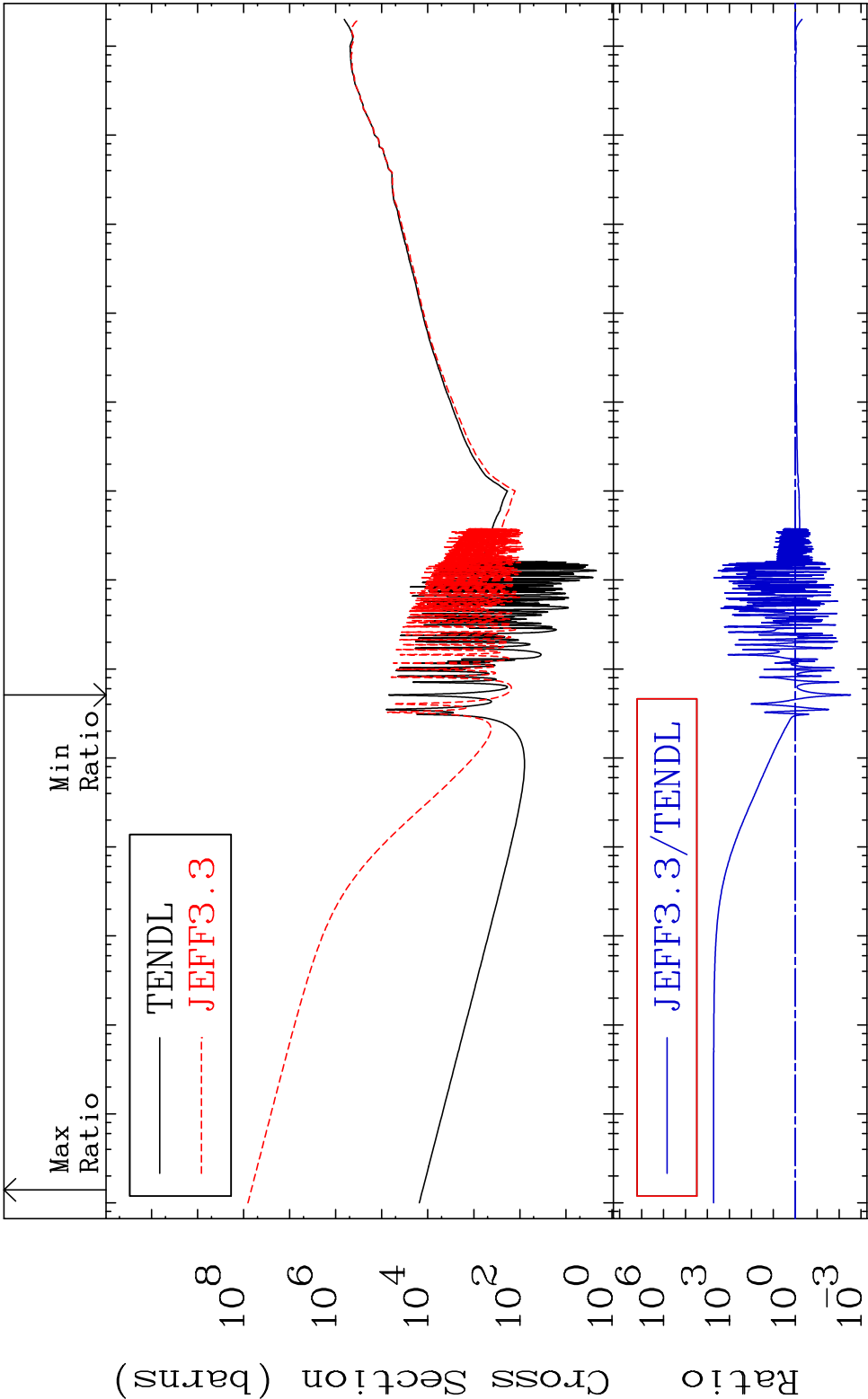


MAT 7119 Total kinematic kerma (high limit) 71-Lu-173
Cross Section -97.91 To 9999. %



74 Incident Energy (eV) 71-Lu-173

MAT 7119 Dpa total (eV-barns) 71-Lu-173
Cross Section -99.69 To 9999. %



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

75 Incident Energy (eV) 71-Lu-173

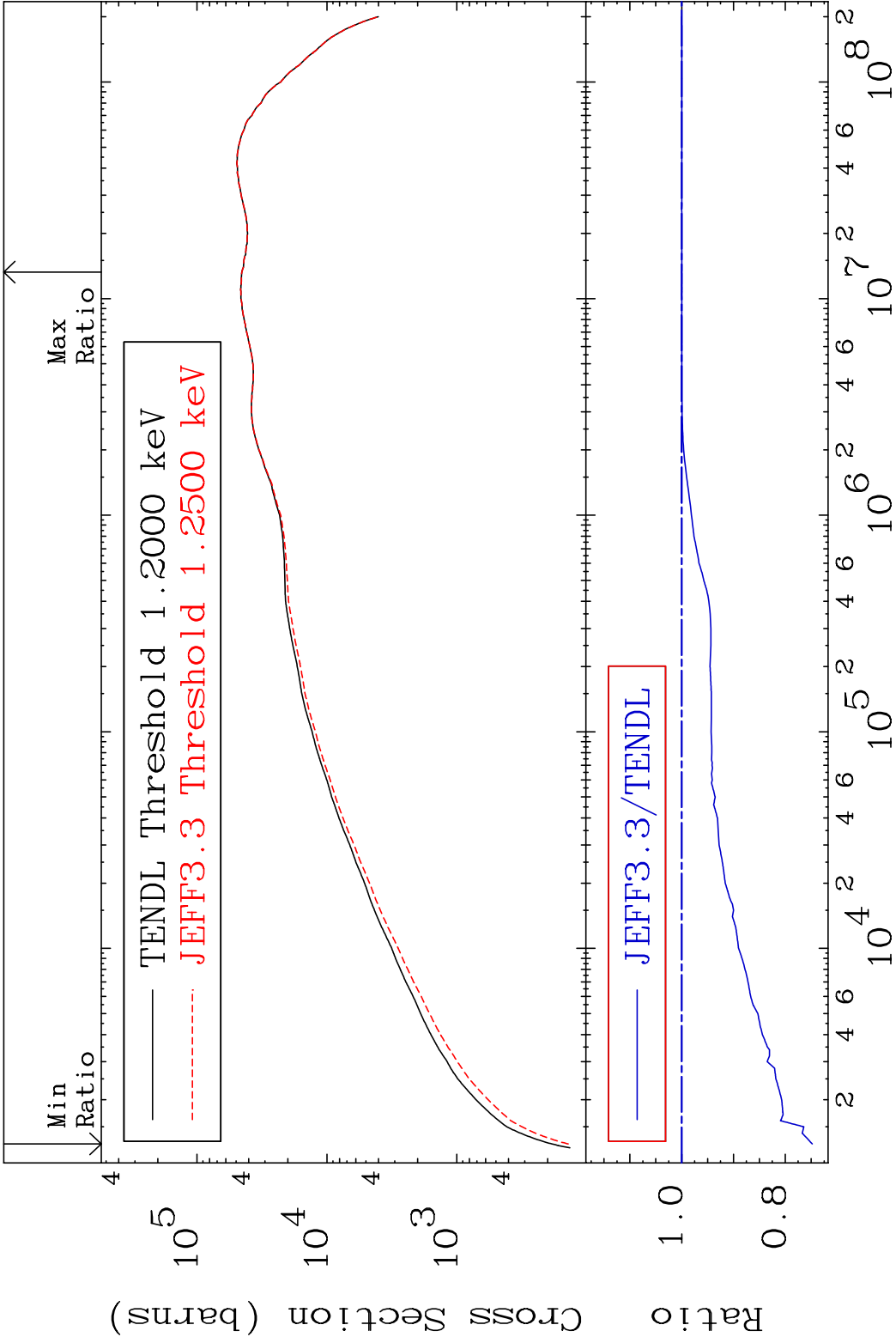
MAT 7119

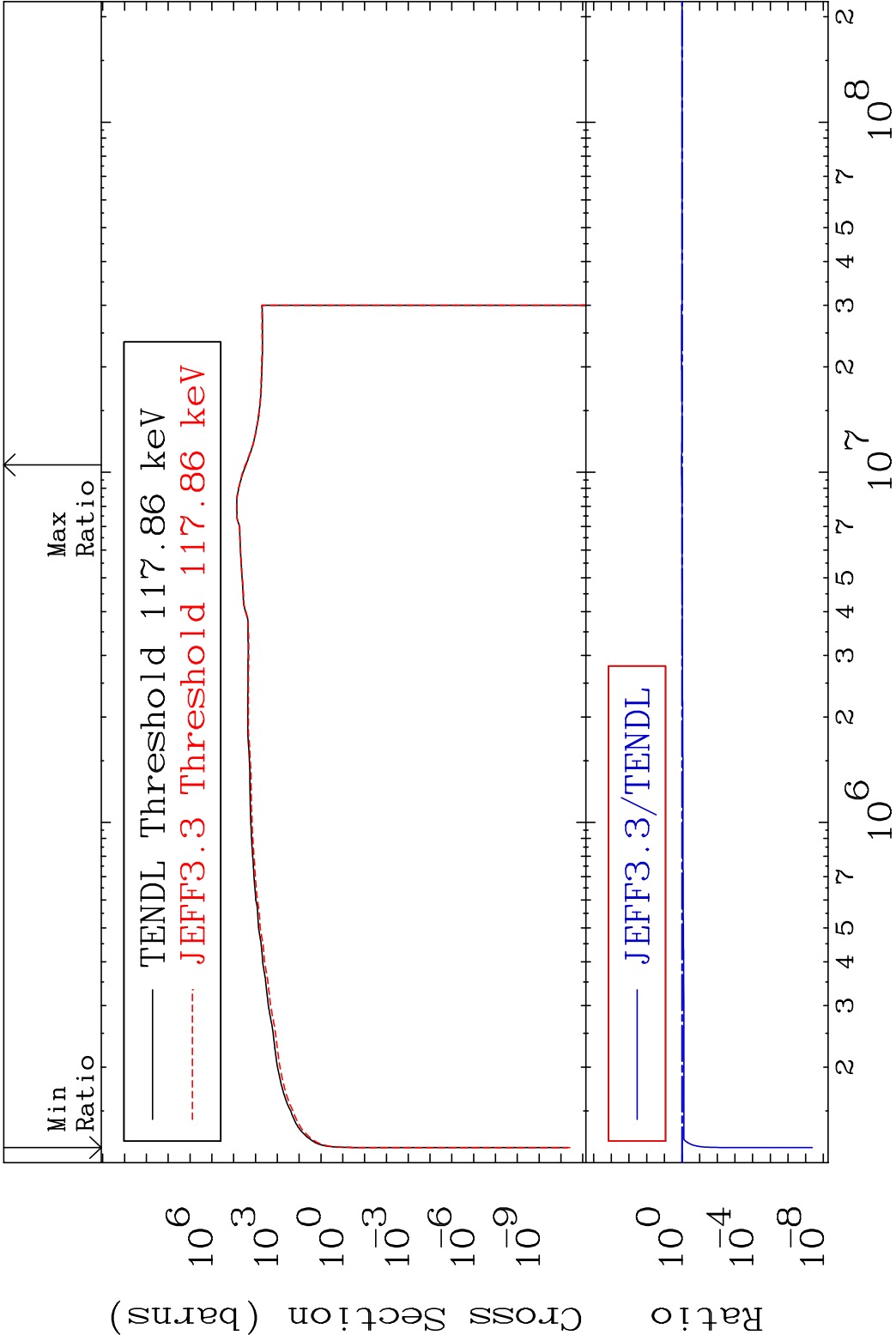
Dpa elastic (mt2)

71-Lu-173

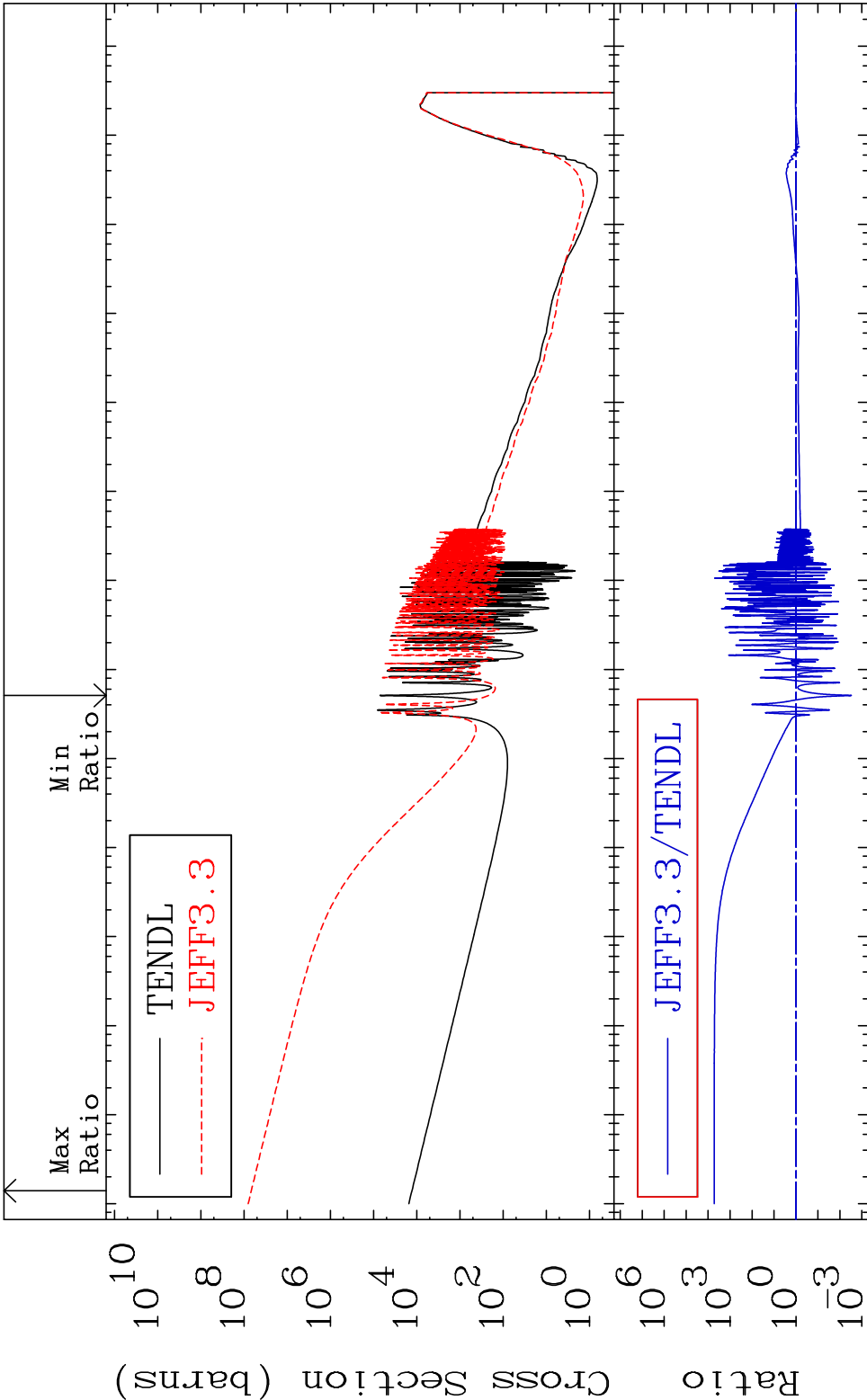
Cross Section

-25.21 To 0.029 %





MAT 7119 Dpa disappearance (mt102 -120) 71-Lu-173
Cross Section -99.69 To 9999. %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

78 Incident Energy (eV) 71-Lu-173

