

Program Complot
(Version 2021-1)

by

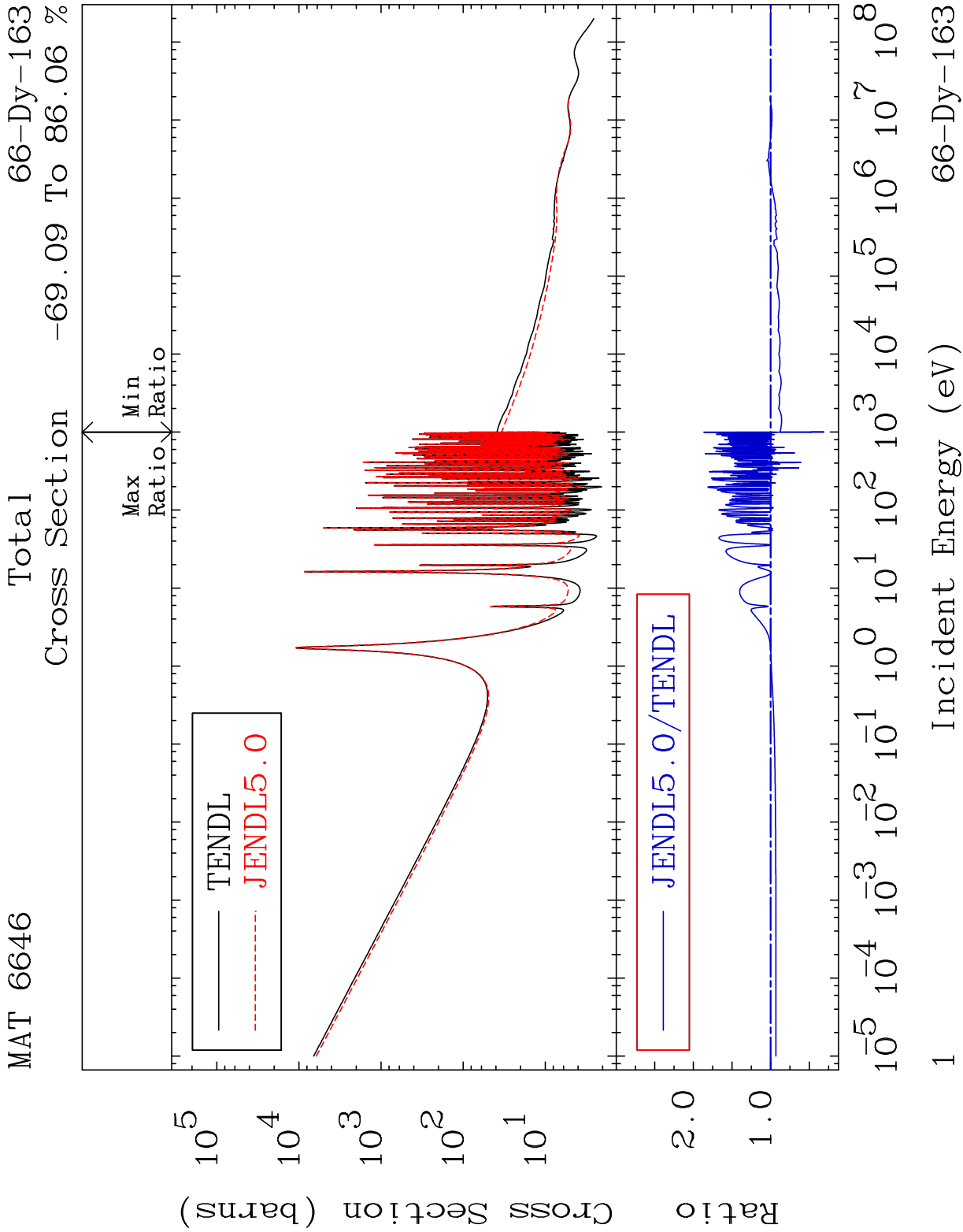
Dermott E. Cullen
(Present Contact Information)

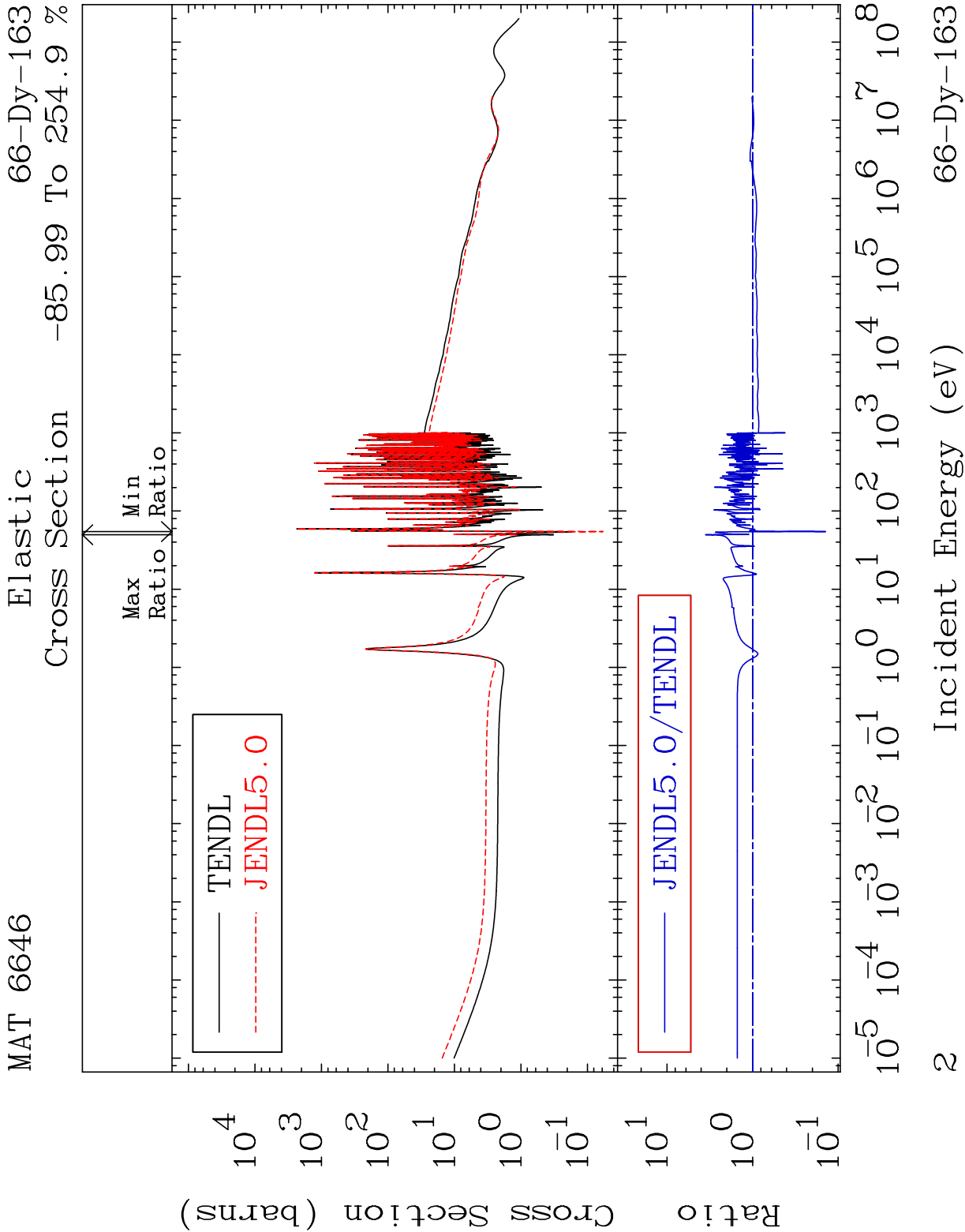
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

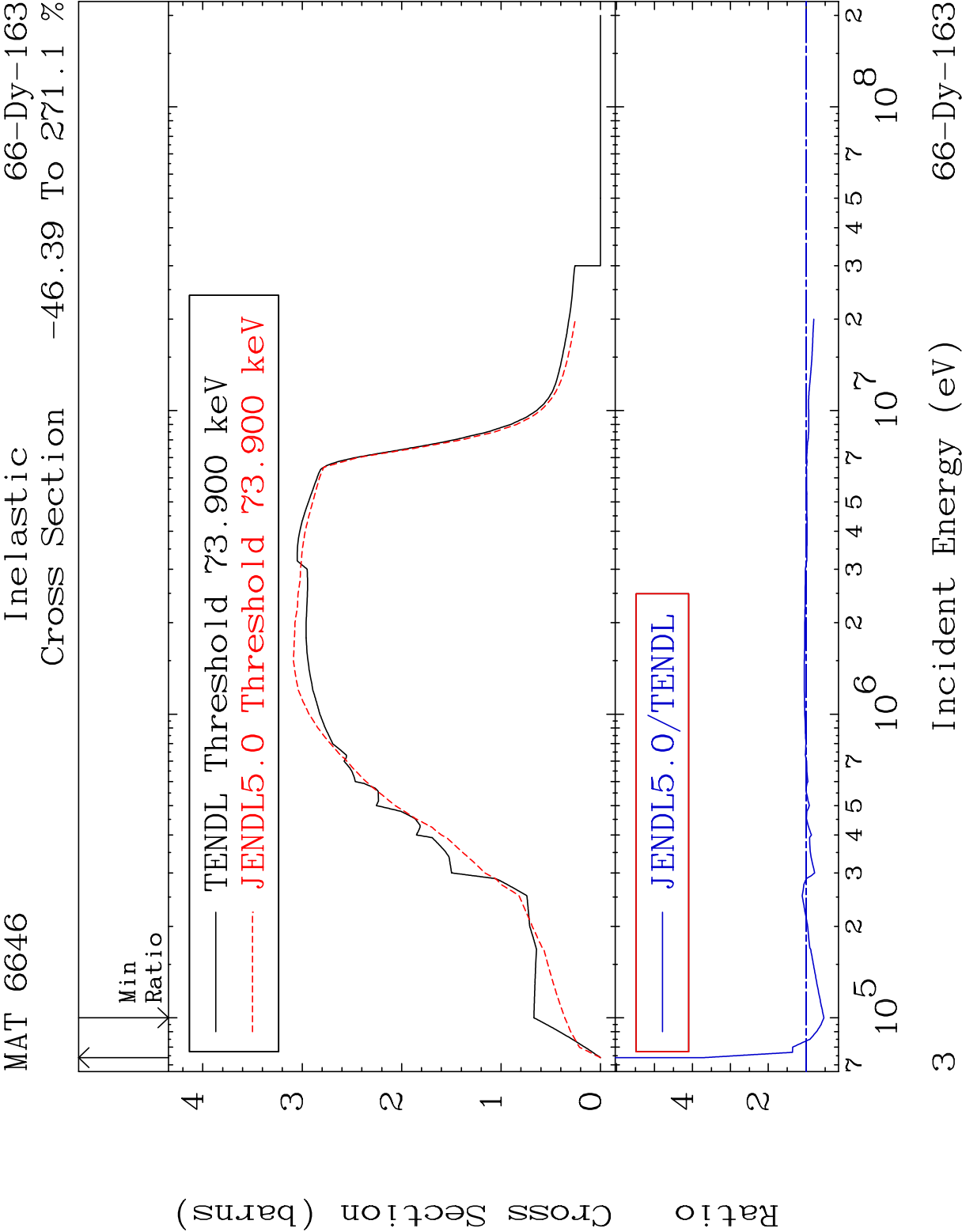
Tele: 925-443-1911

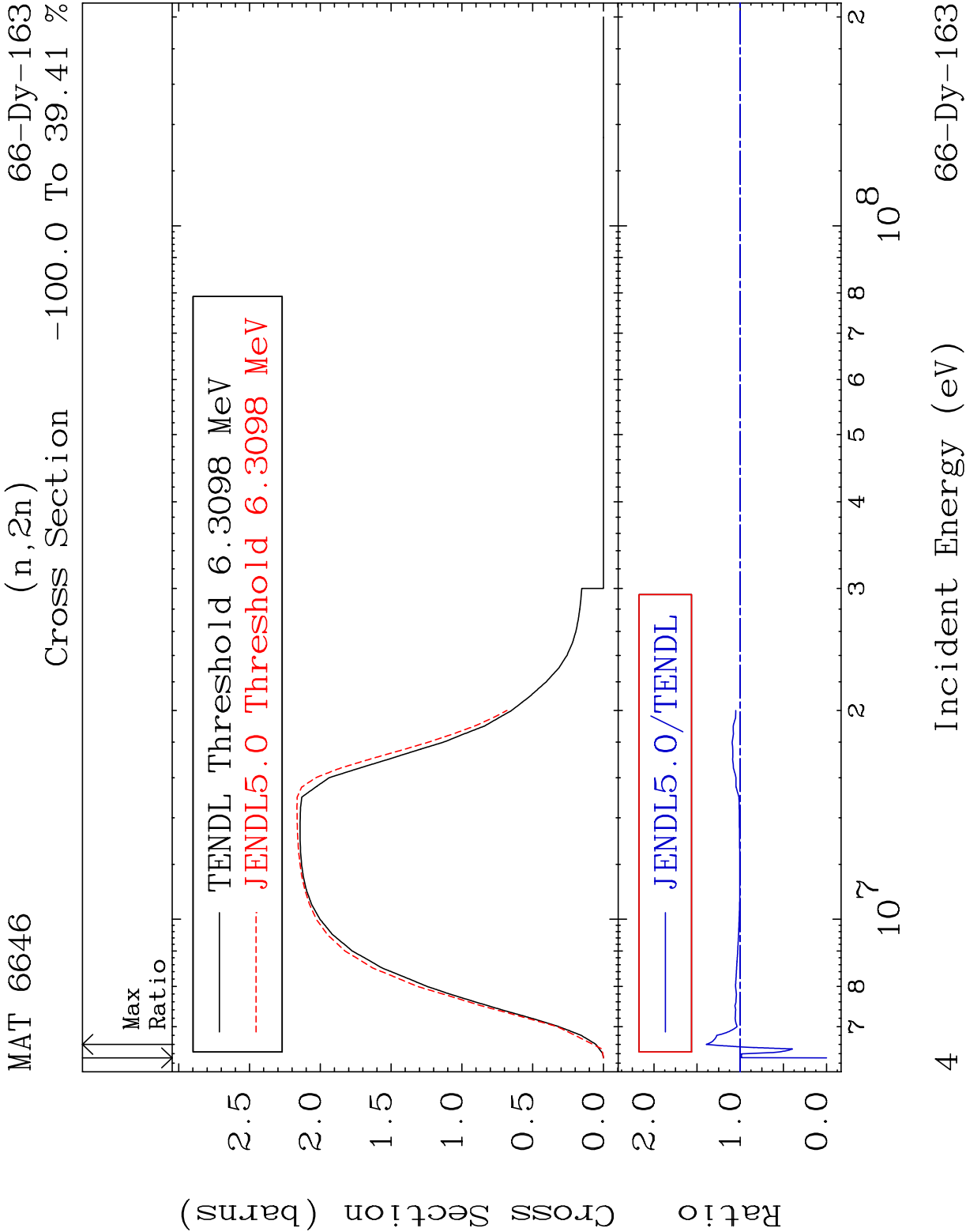
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

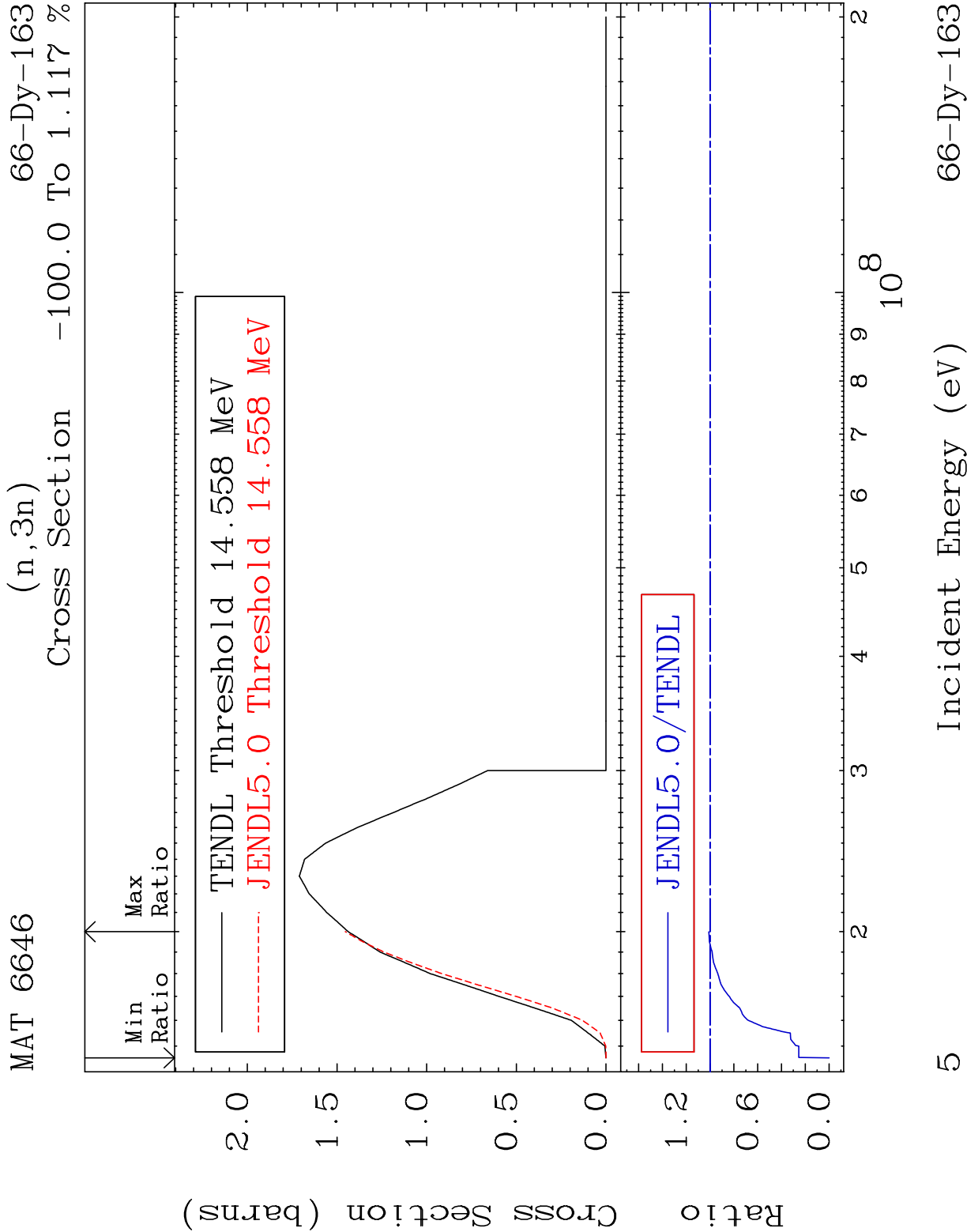
Press Mouse Button to Start

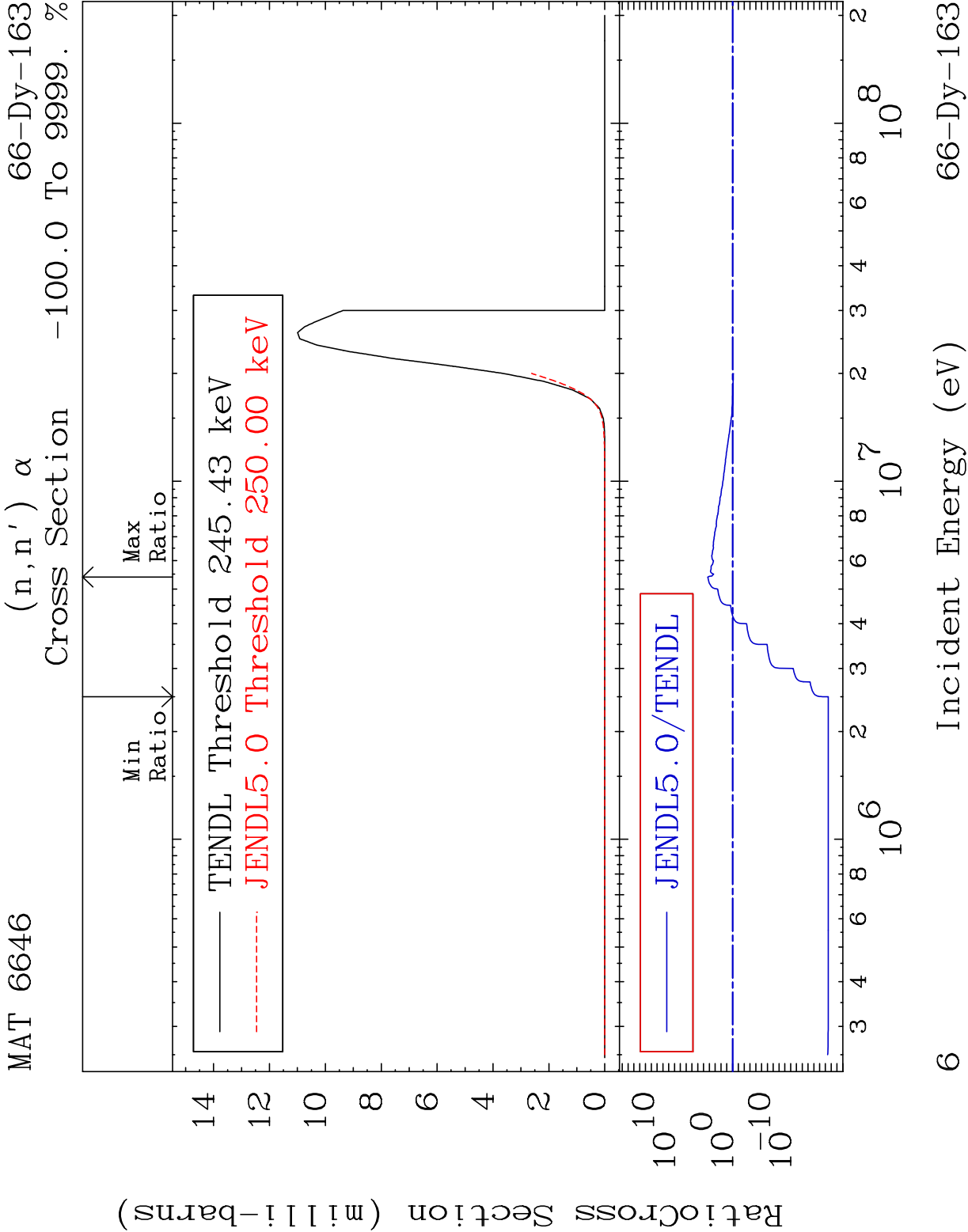


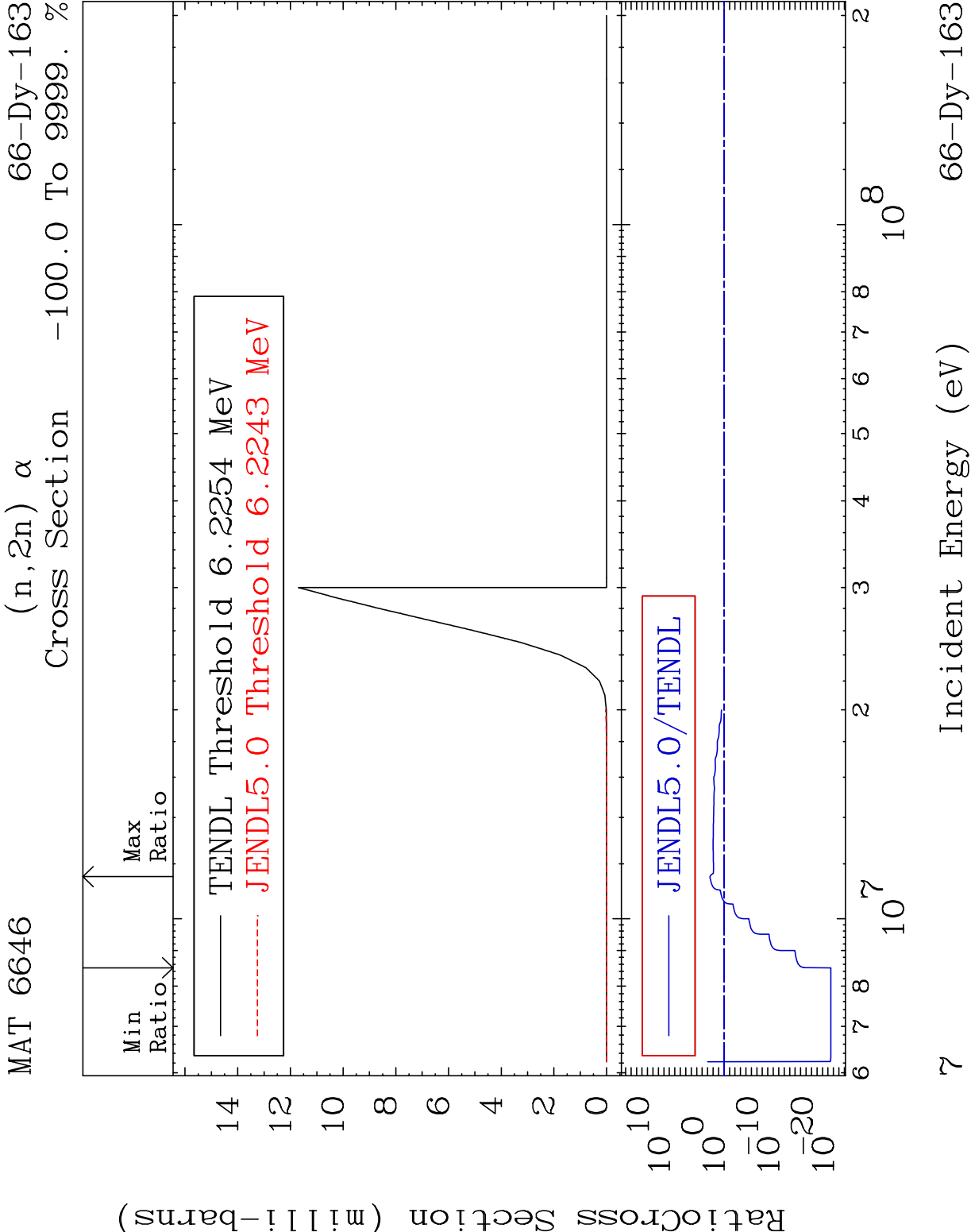


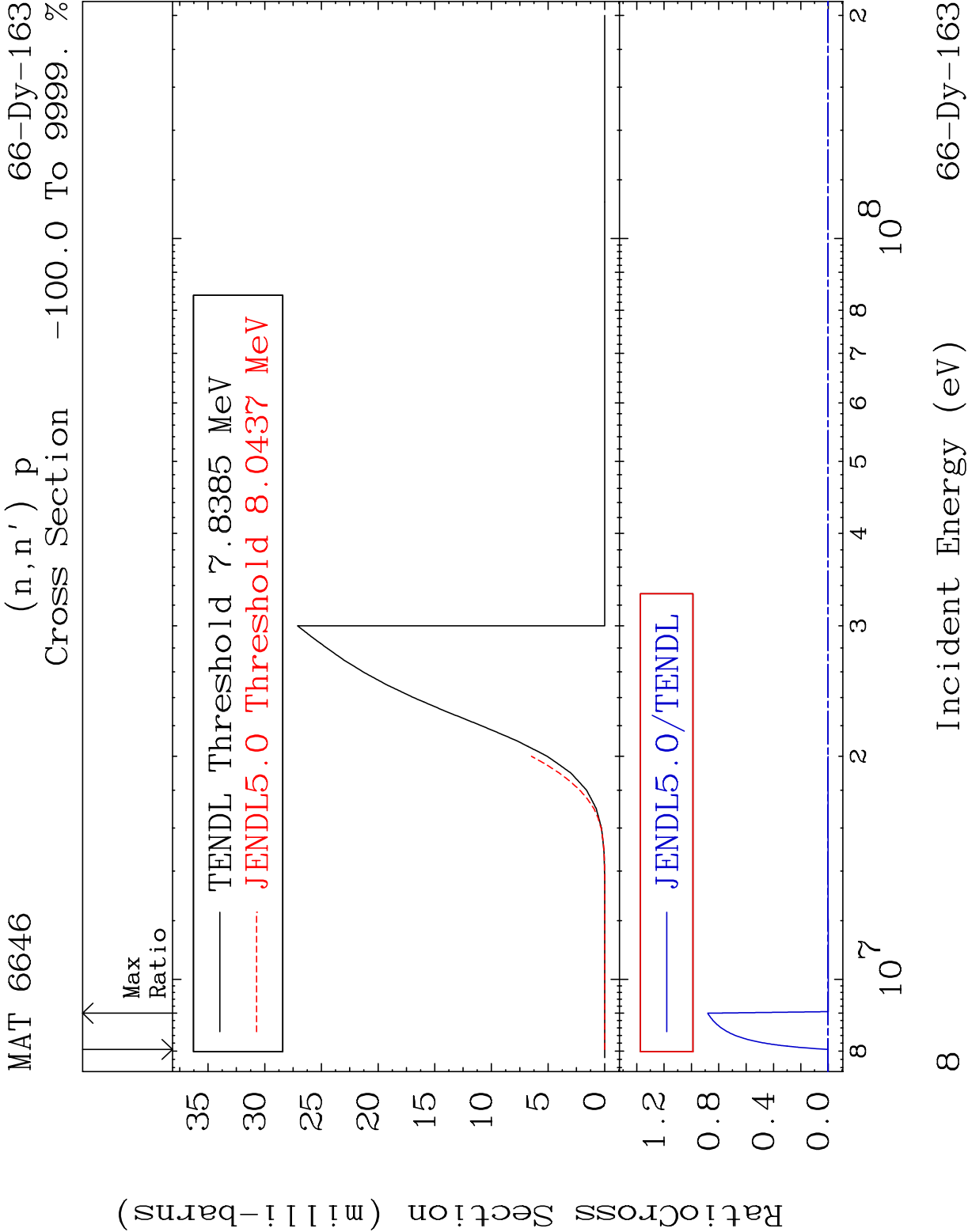


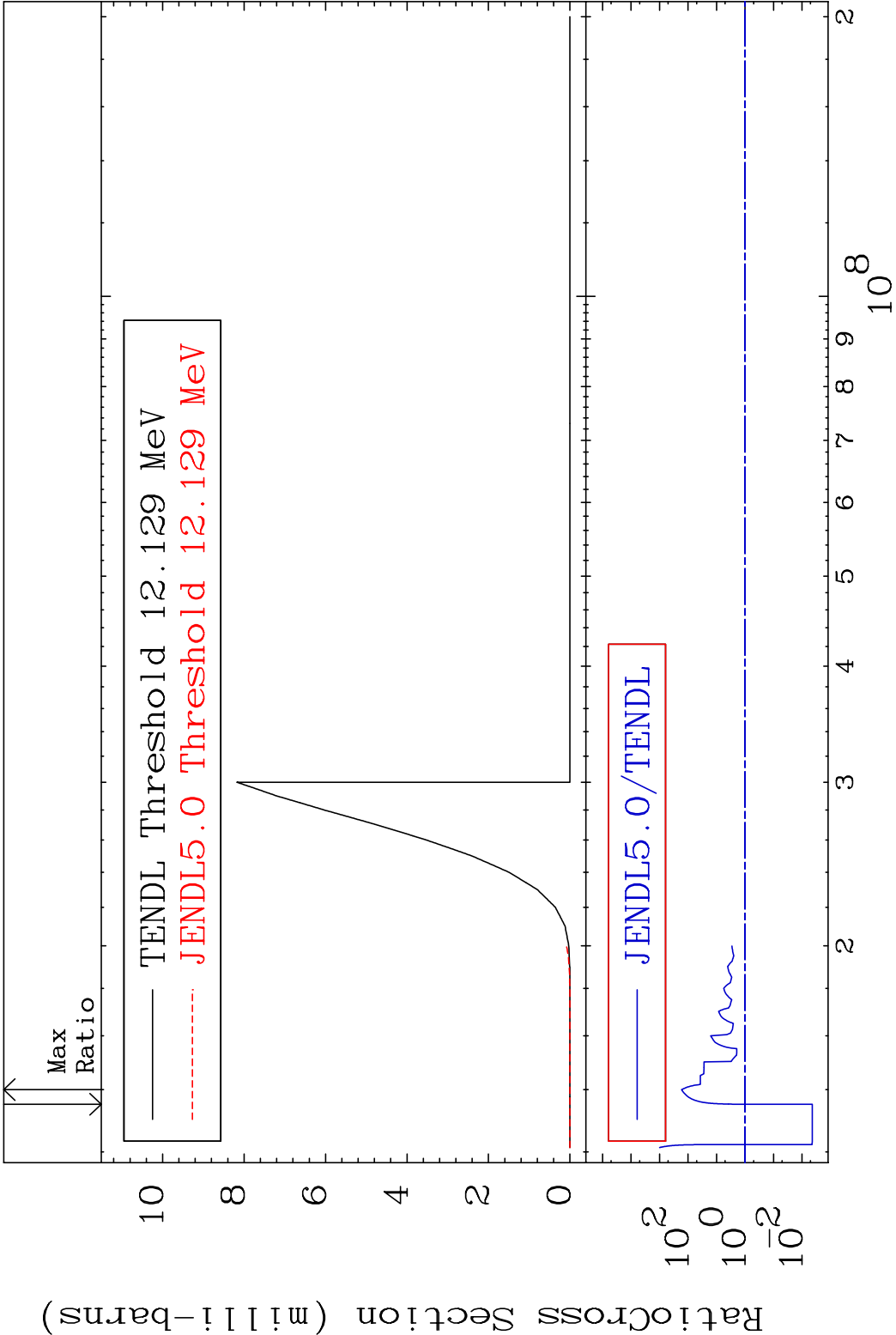




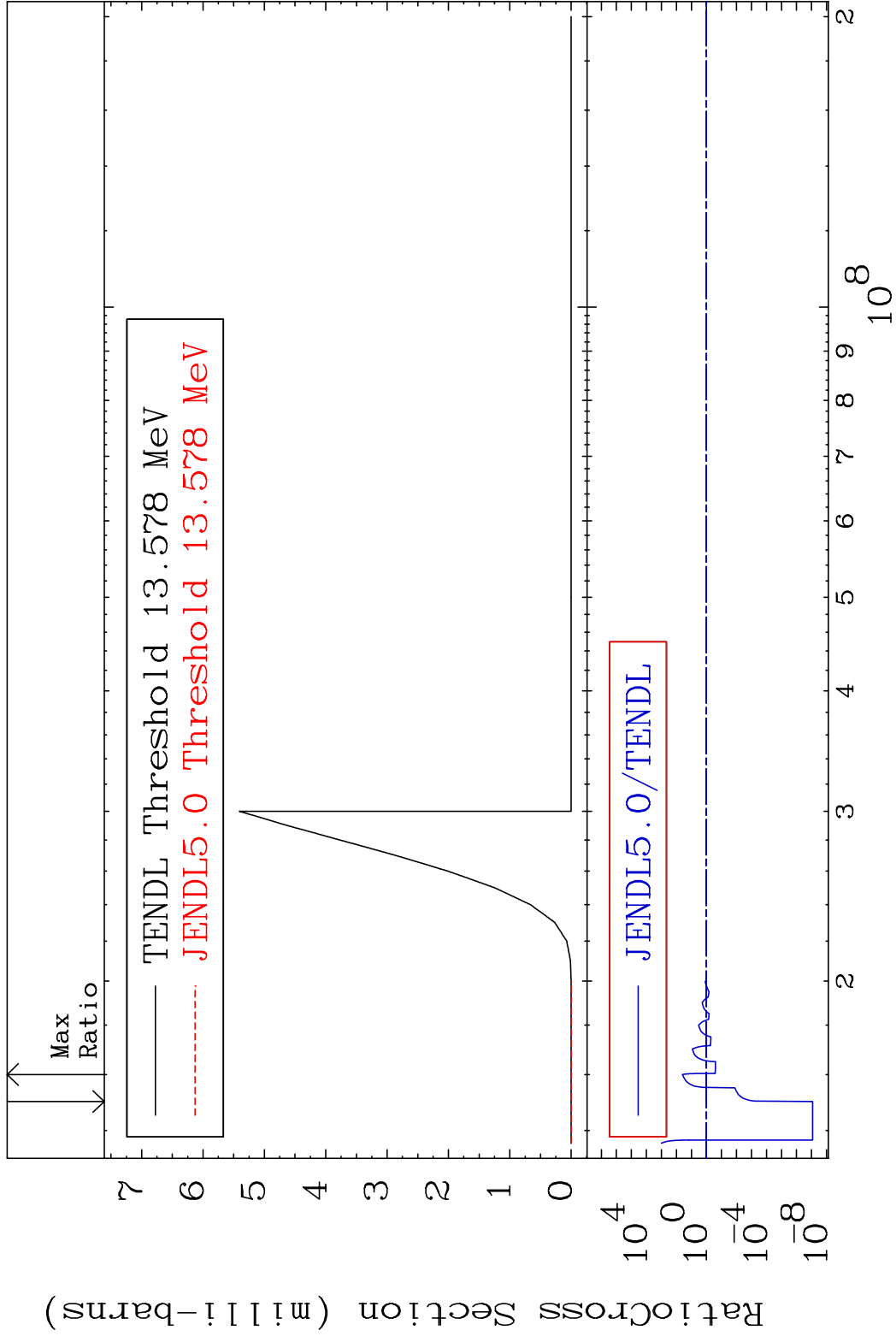




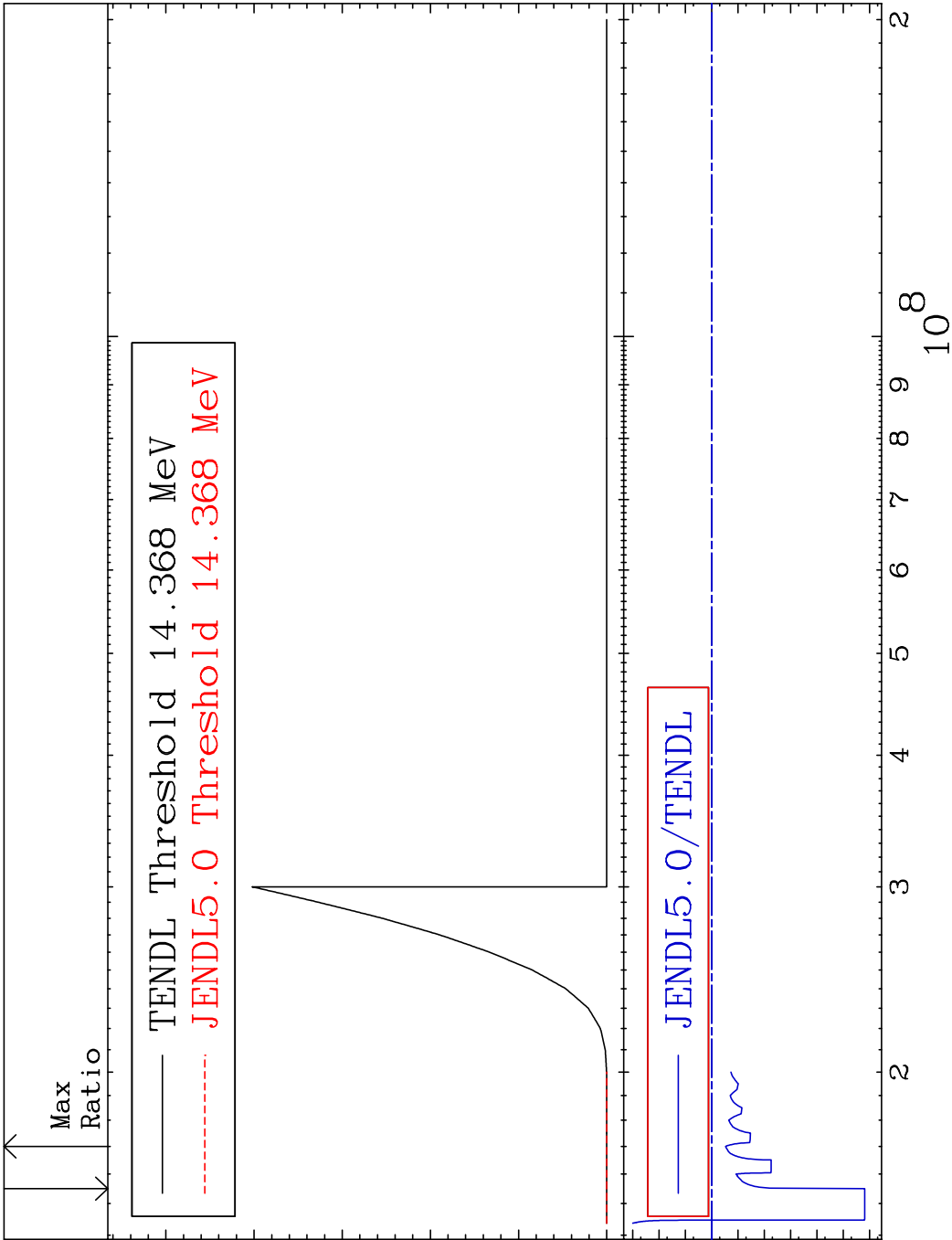
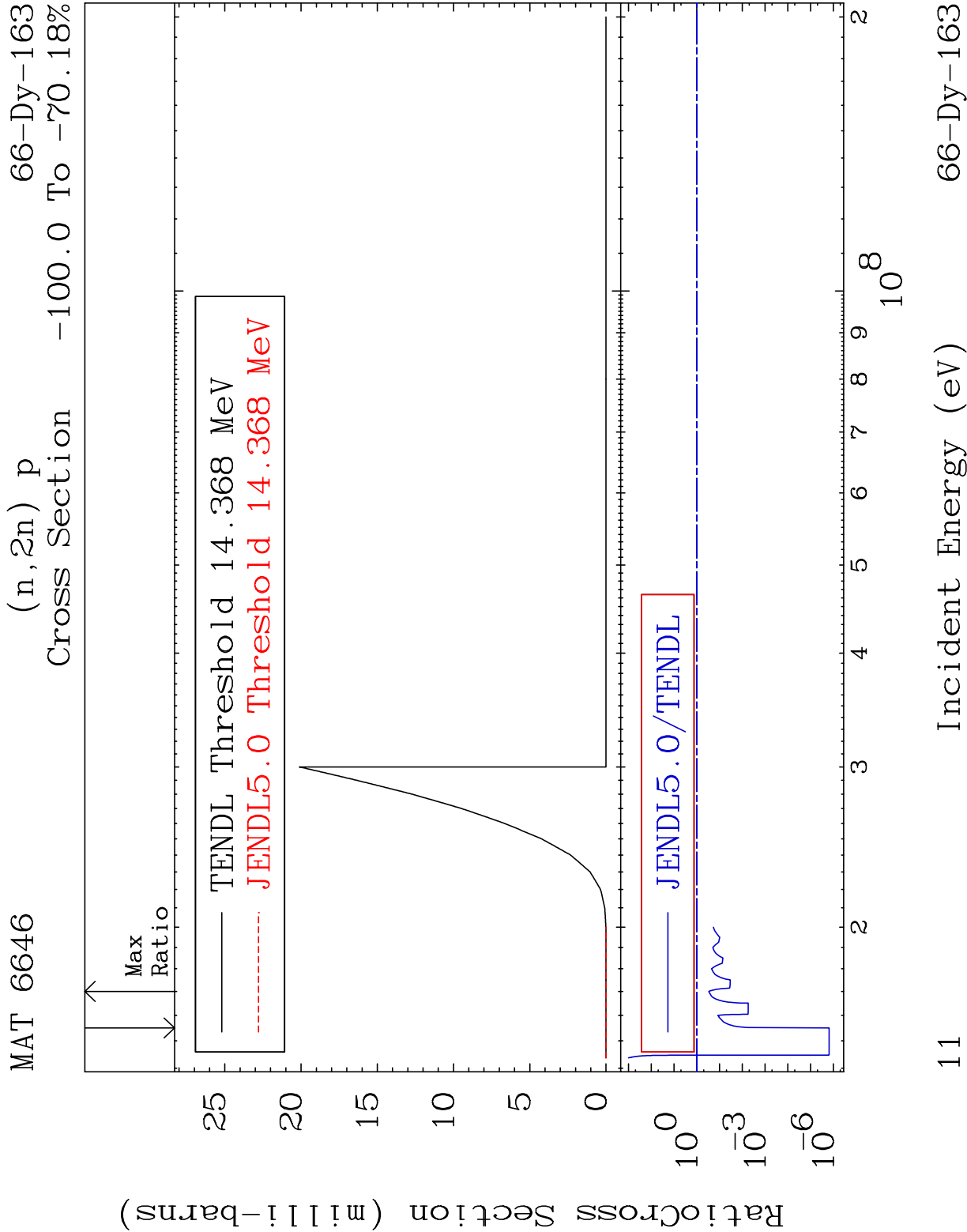




MAT 6646 (n,n') t 66-Dy-163
Cross Section -100.0 To 3919. %



10 Incident Energy (eV) 66-Dy-163



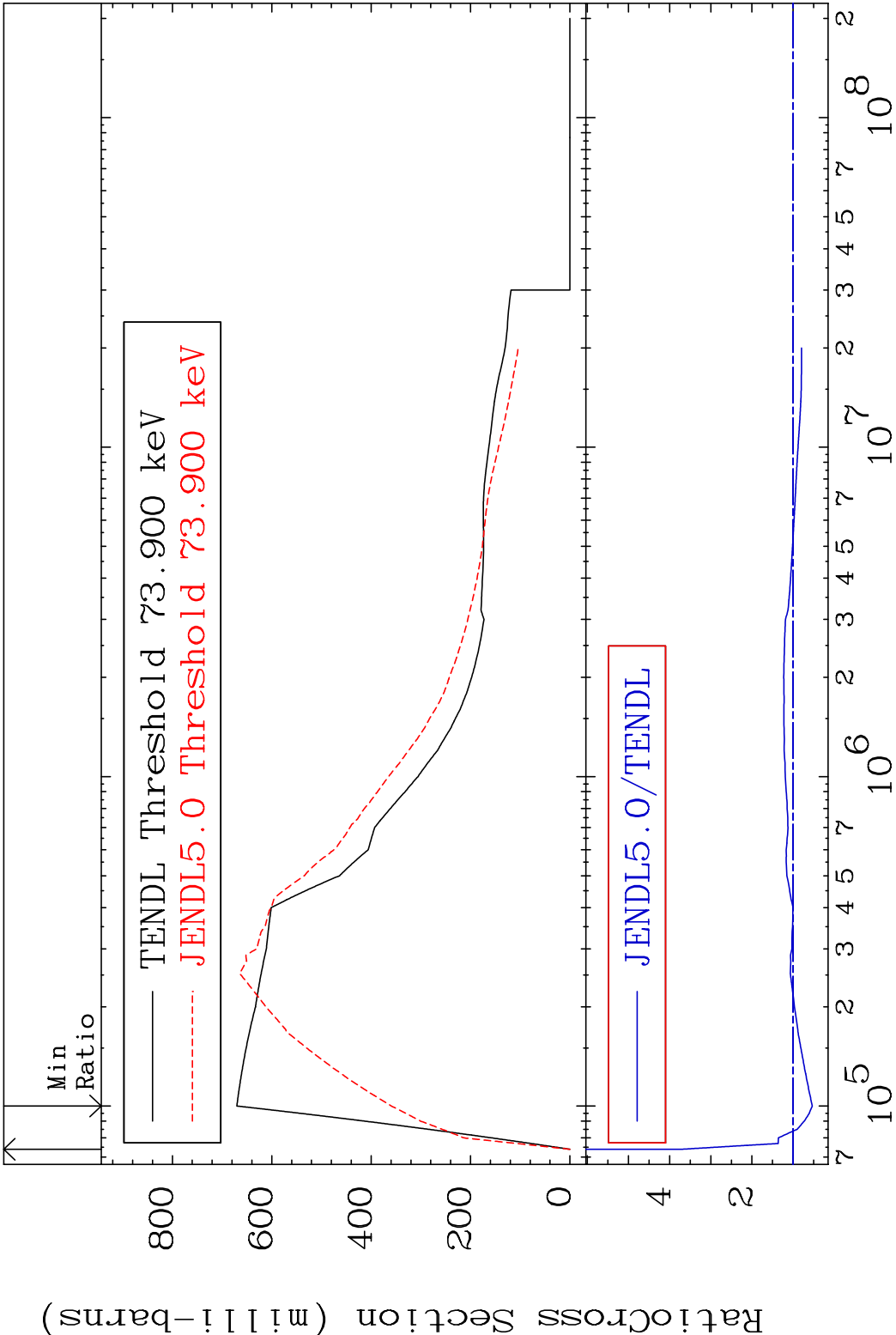
MAT 6646

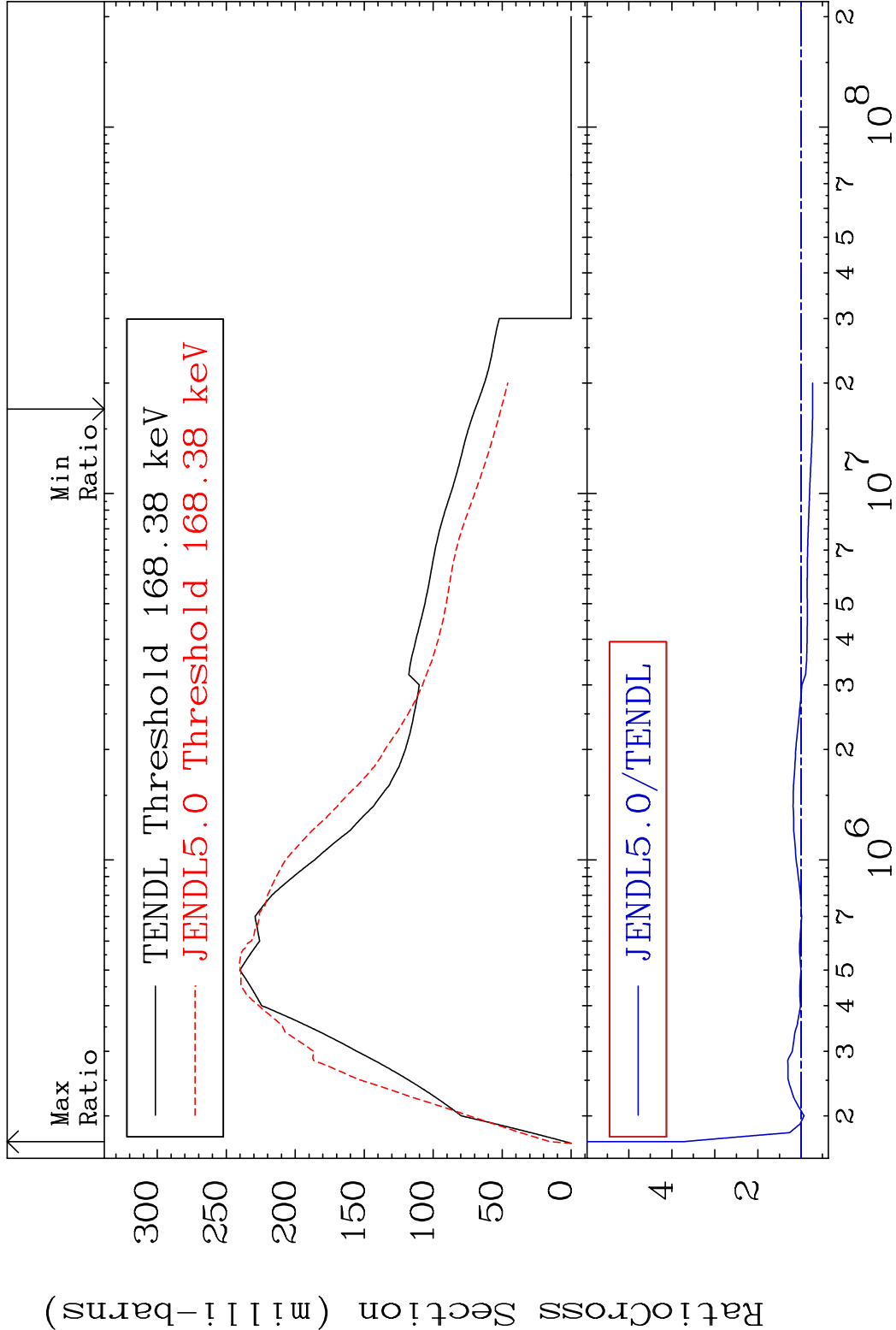
MT= 51 (n,n') Level

66-Dy-163

Cross Section

-46.39 To 271.1 %





MAT 6646

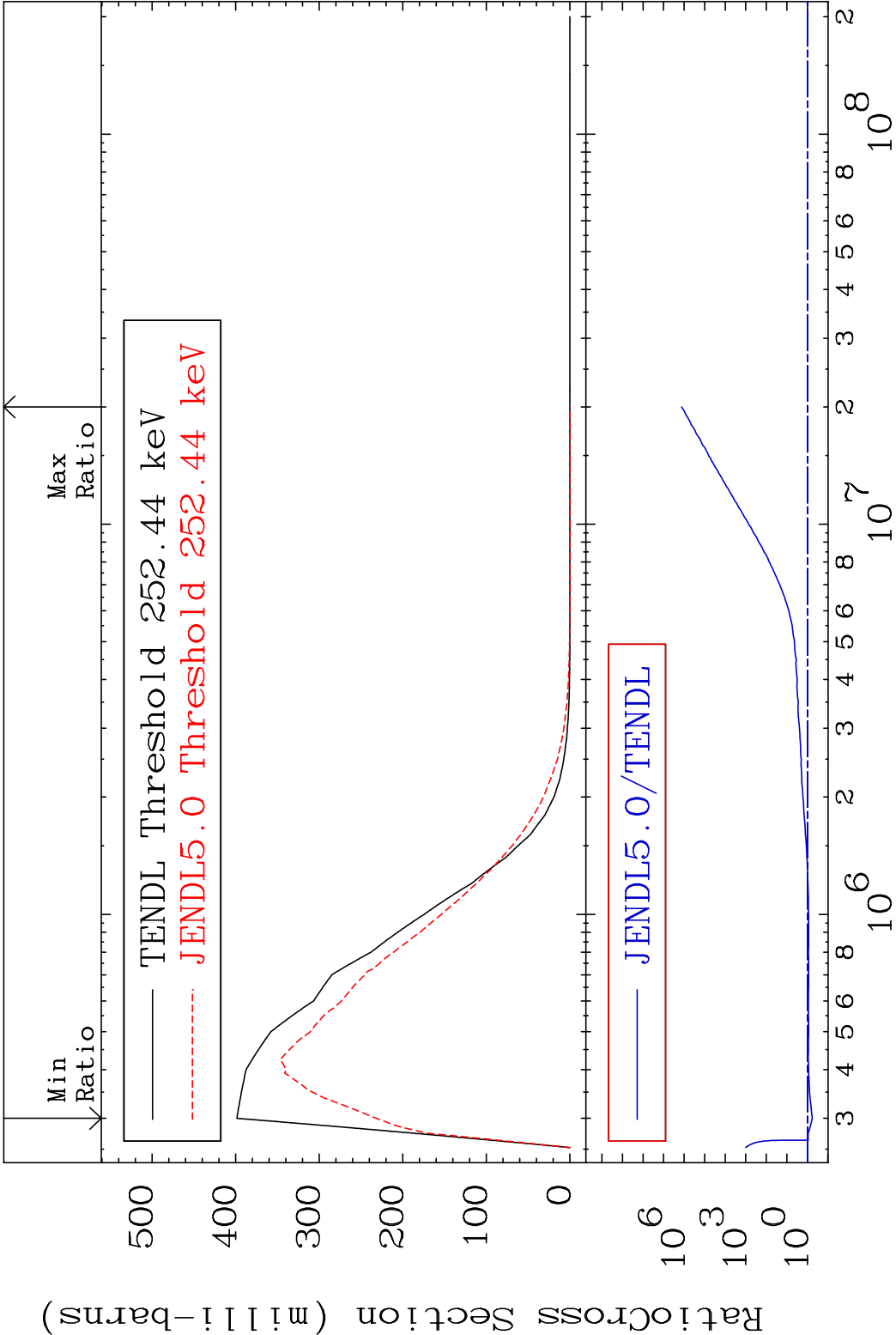
MT= 53 (n,n')

Level

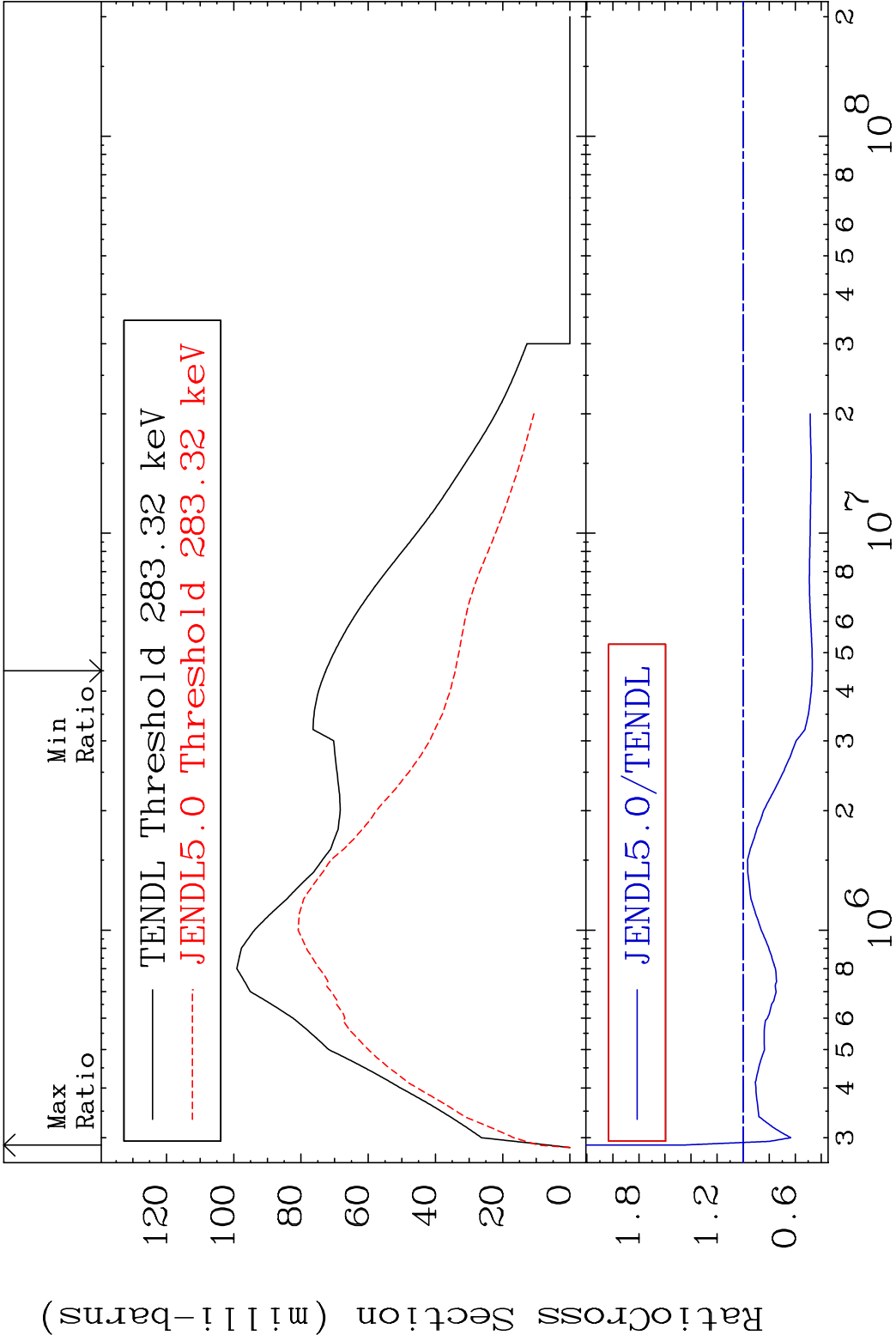
66-Dy-163

Cross Section

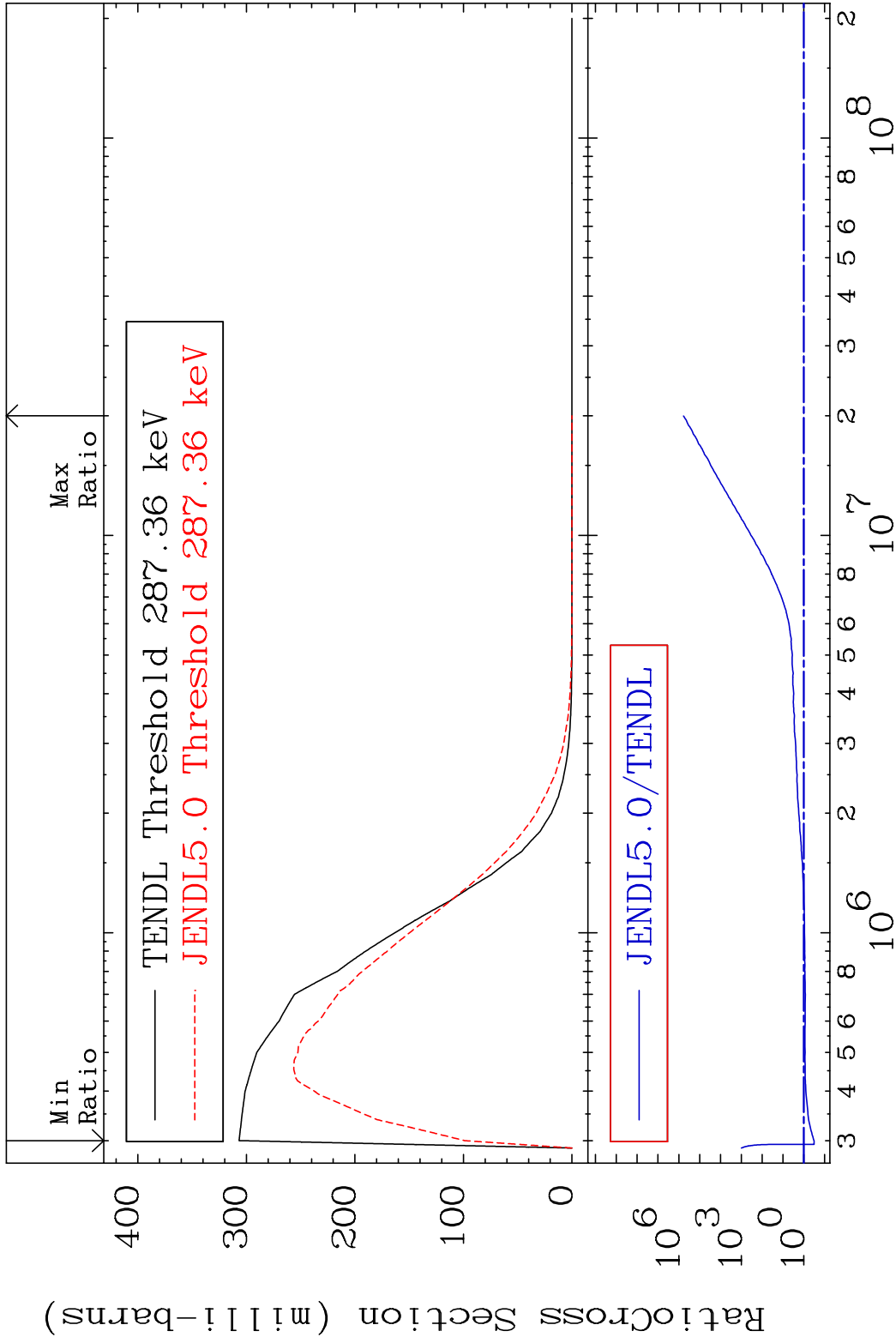
-41.84 To 9999. %



MAT 6646 MT= 54 (n,n') Level 66-Dy-163
Cross Section -53.04 To 47.28 %



MAT 6646 MT= 55 (n,n') Level 66-Dy-163
Cross Section -67.72 To 9999. %



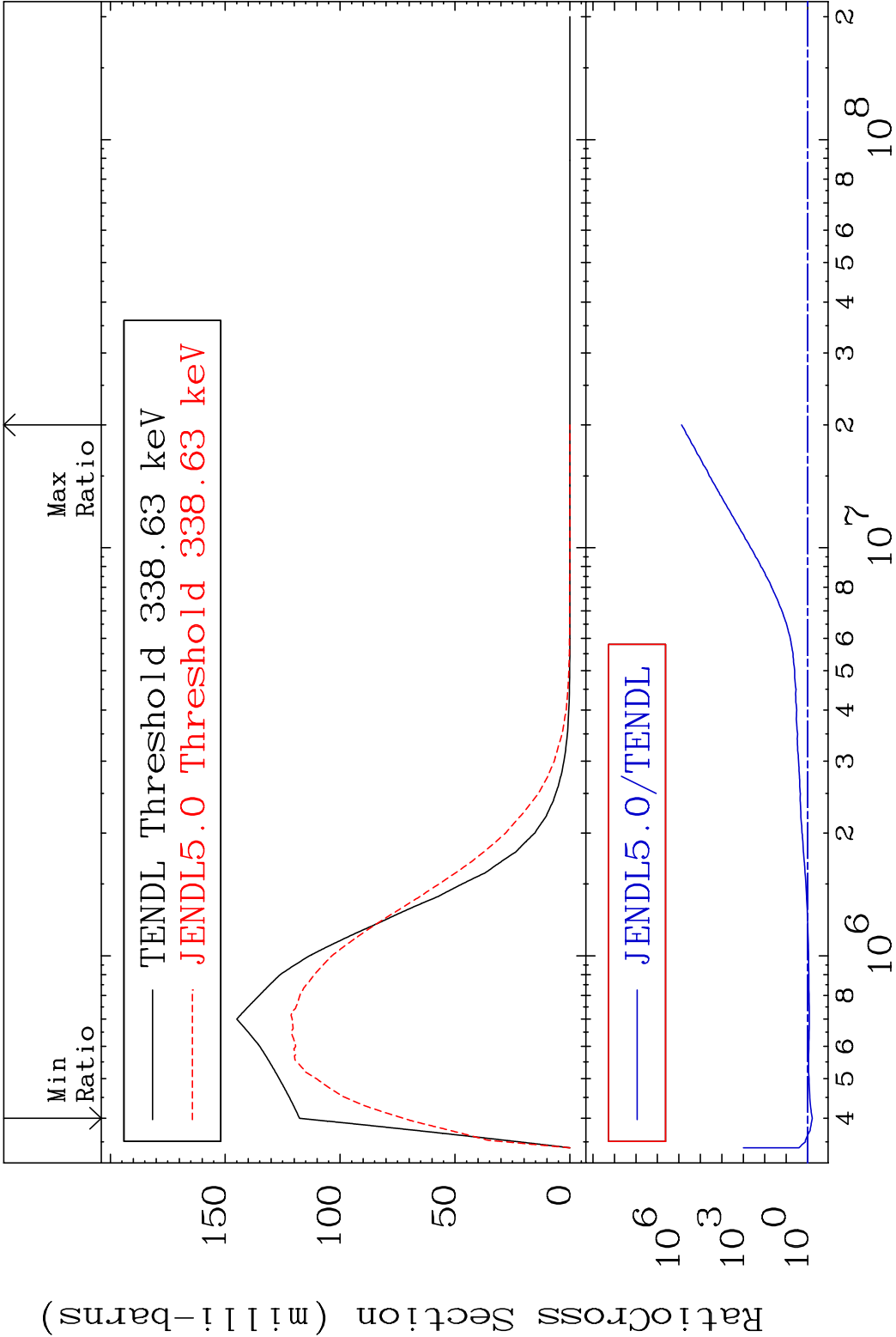
MAT 6646

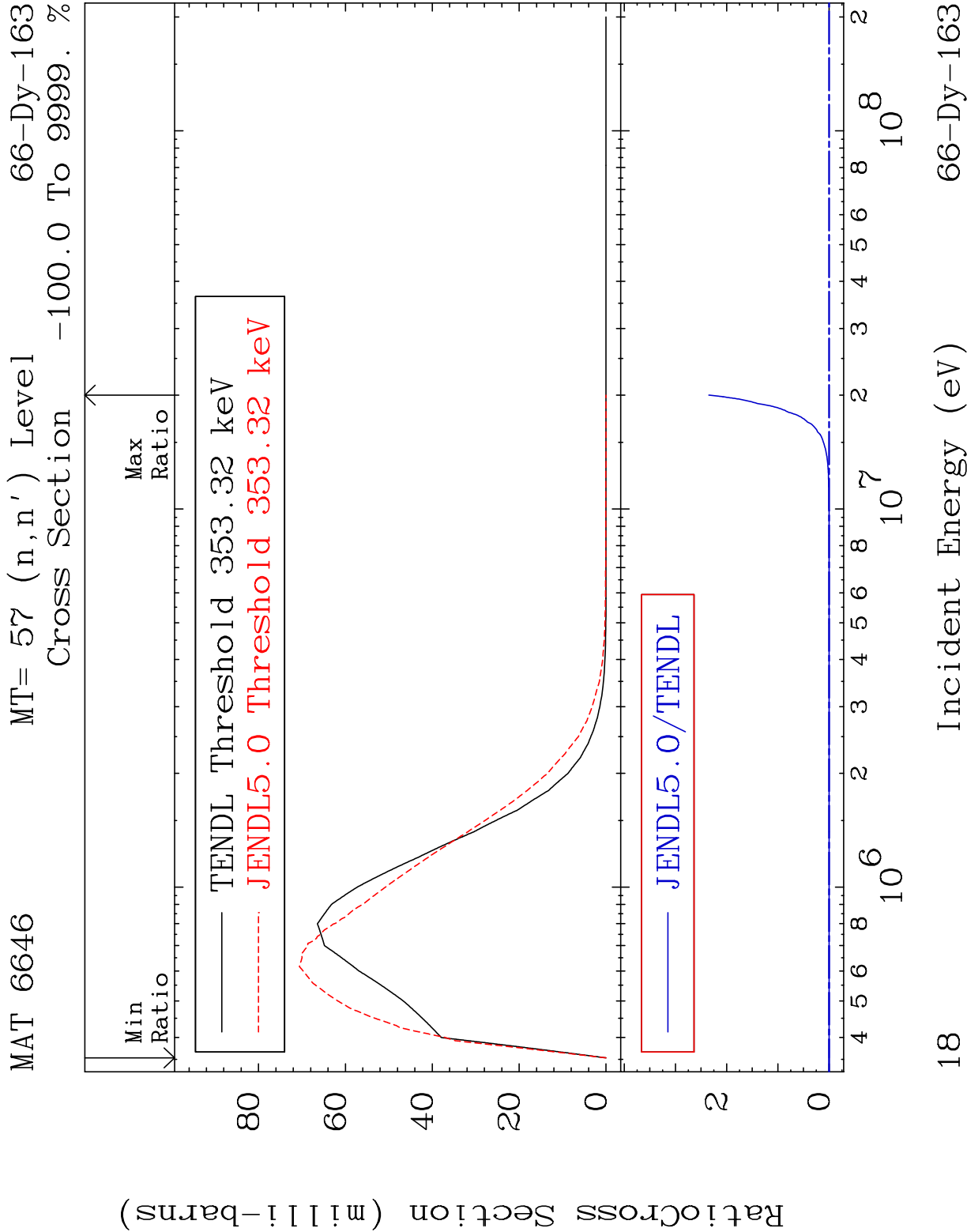
MT= 56 (n,n') Level

66-Dy-163

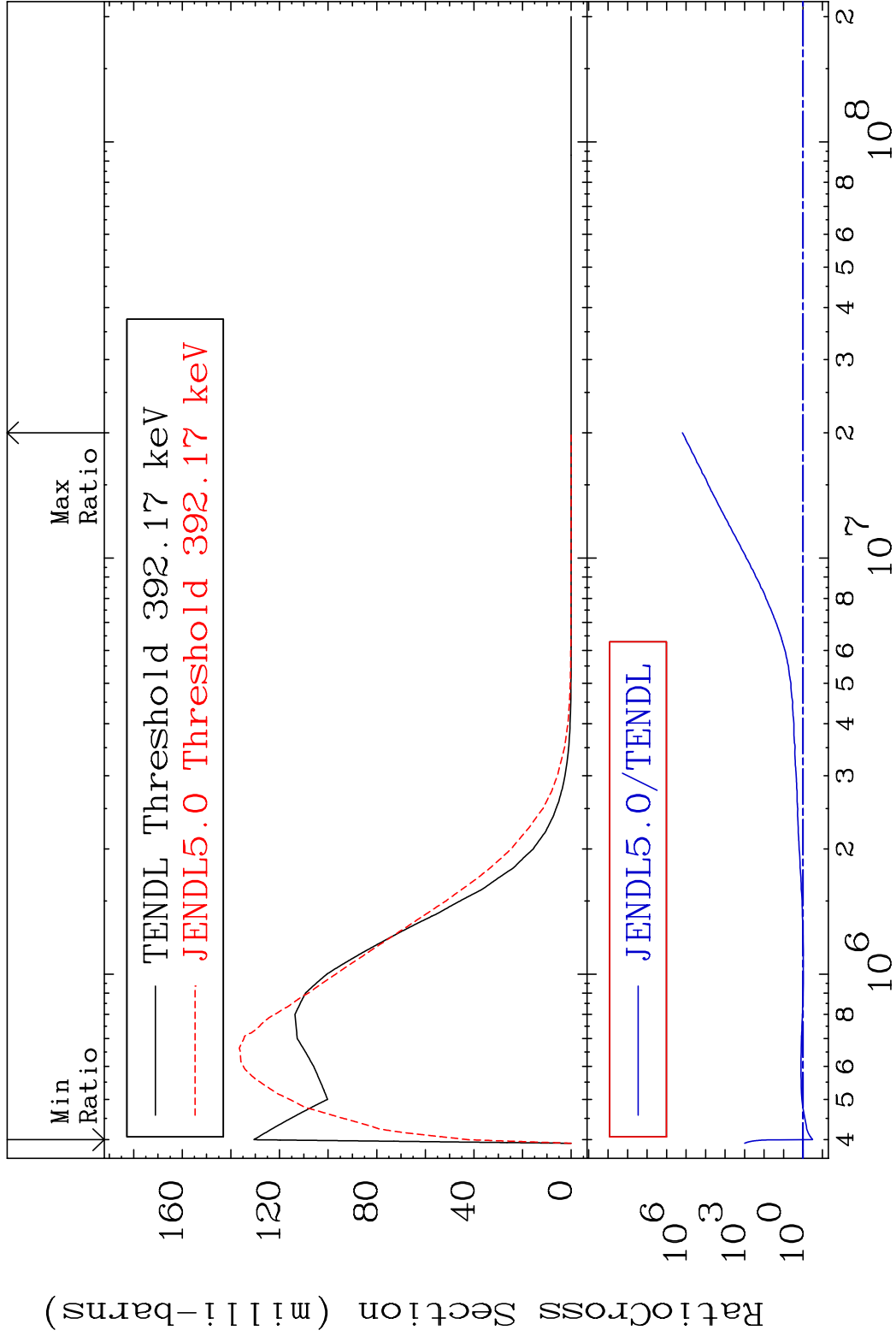
Cross Section

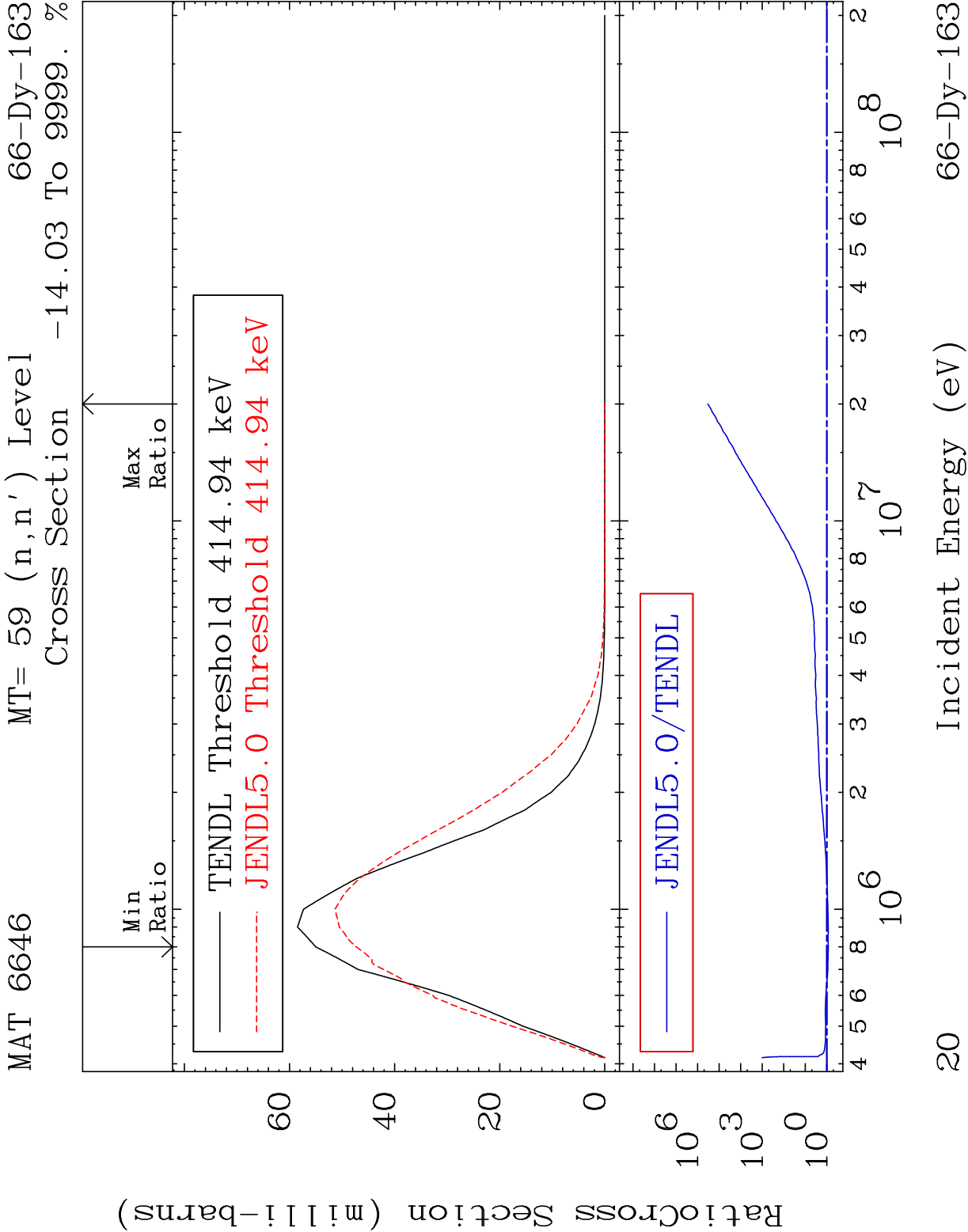
-38.45 To 9999. %



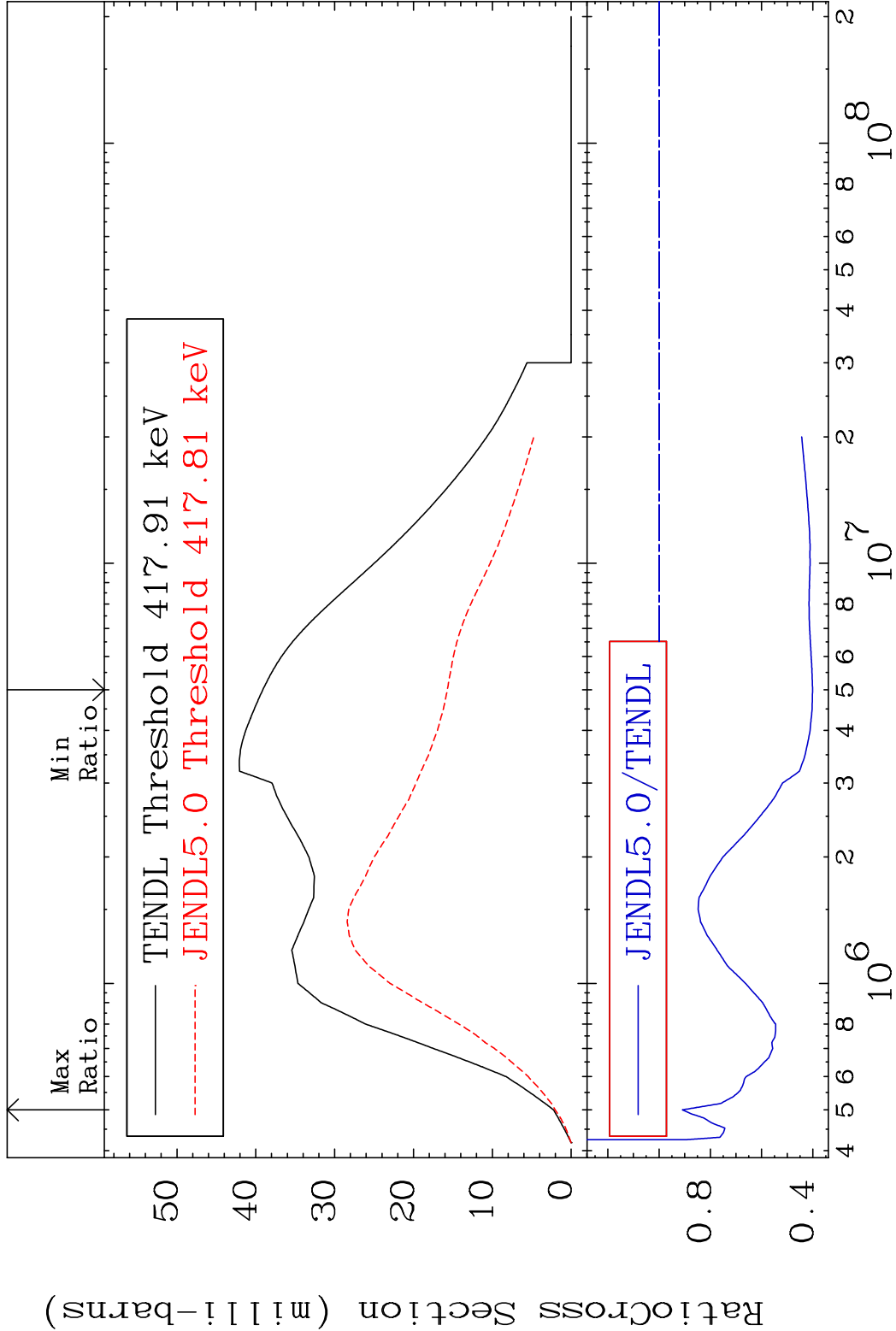


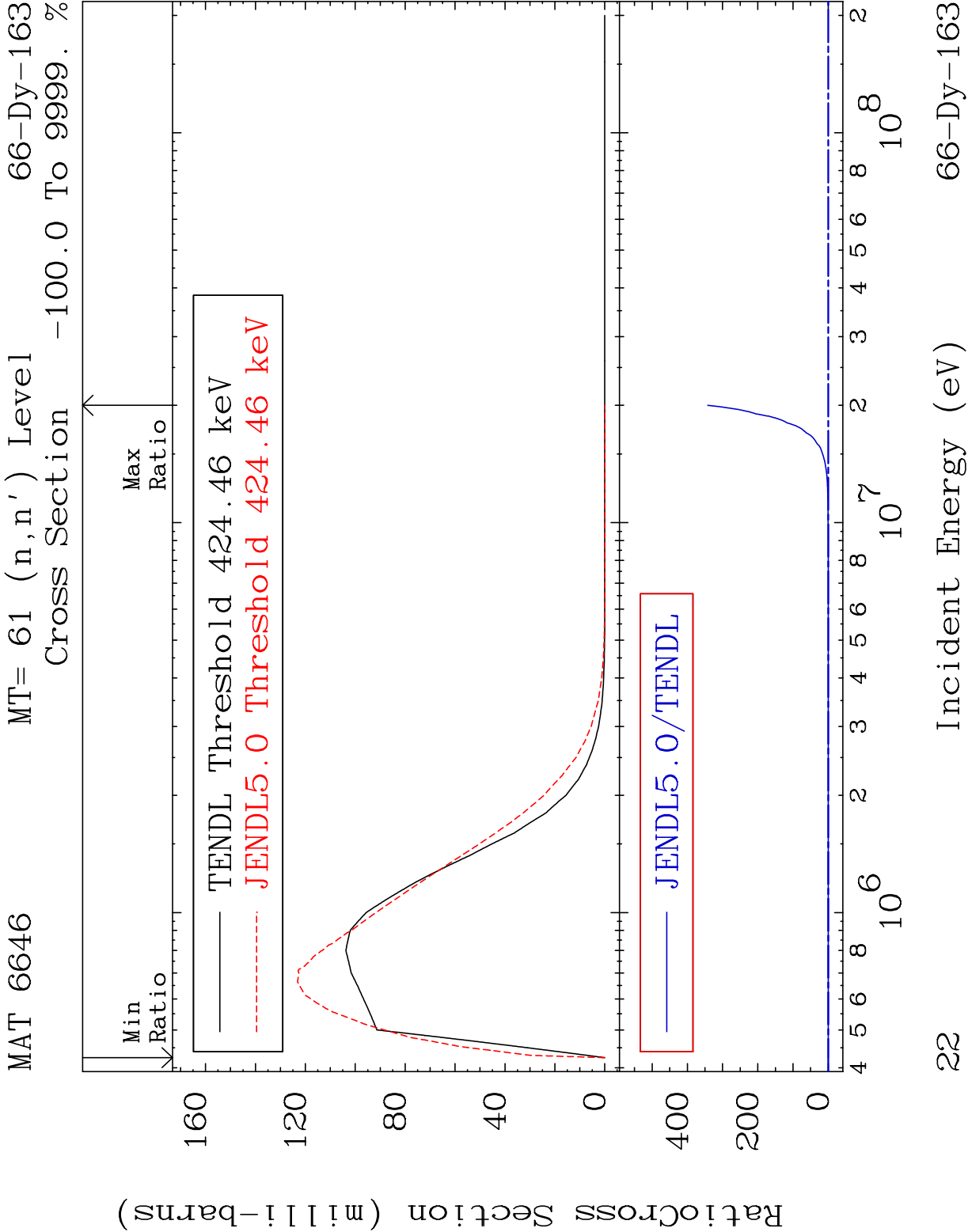
MAT 6646 MT= 58 (n,n') Level 66-Dy-163
Cross Section -67.58 To 9999. %



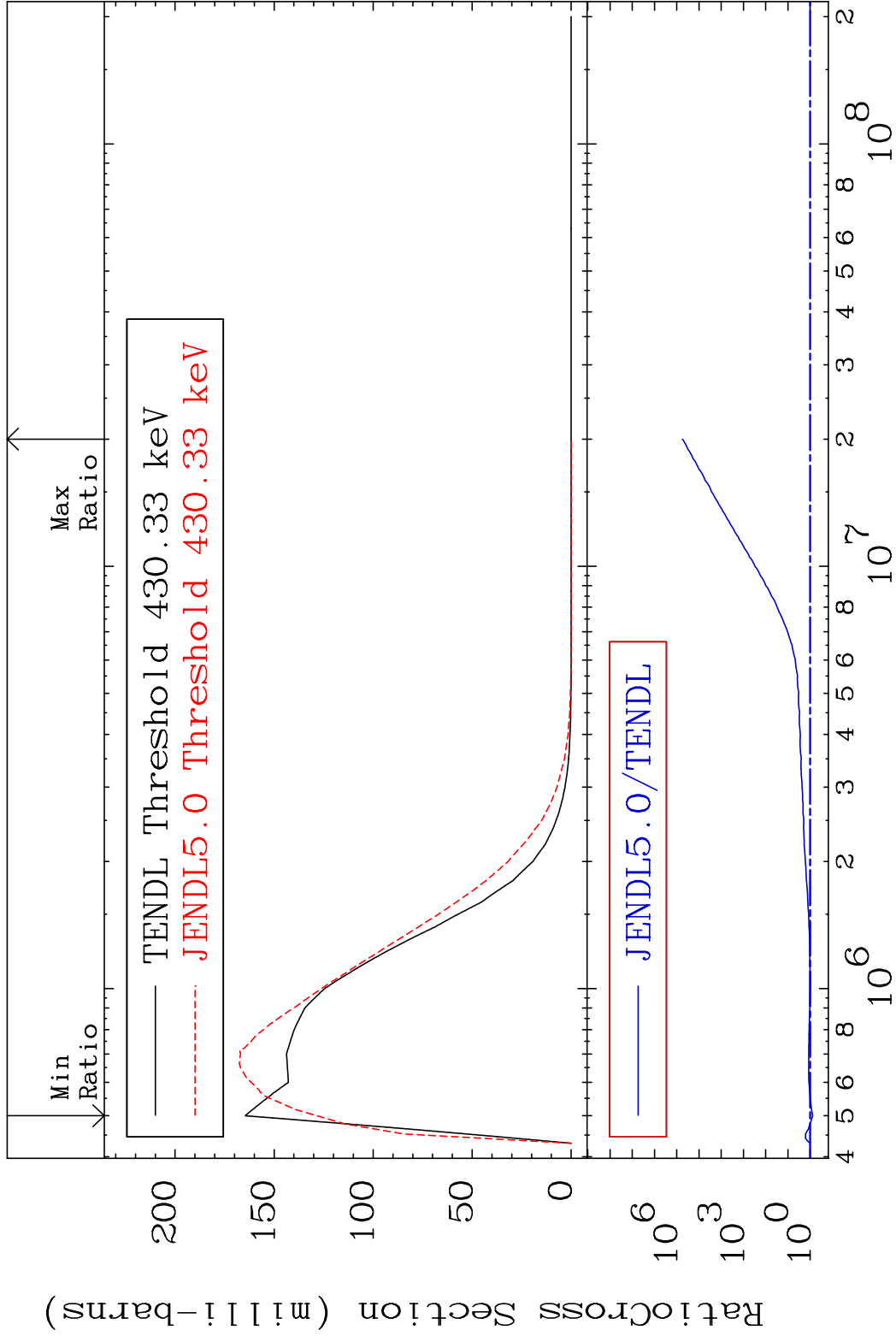


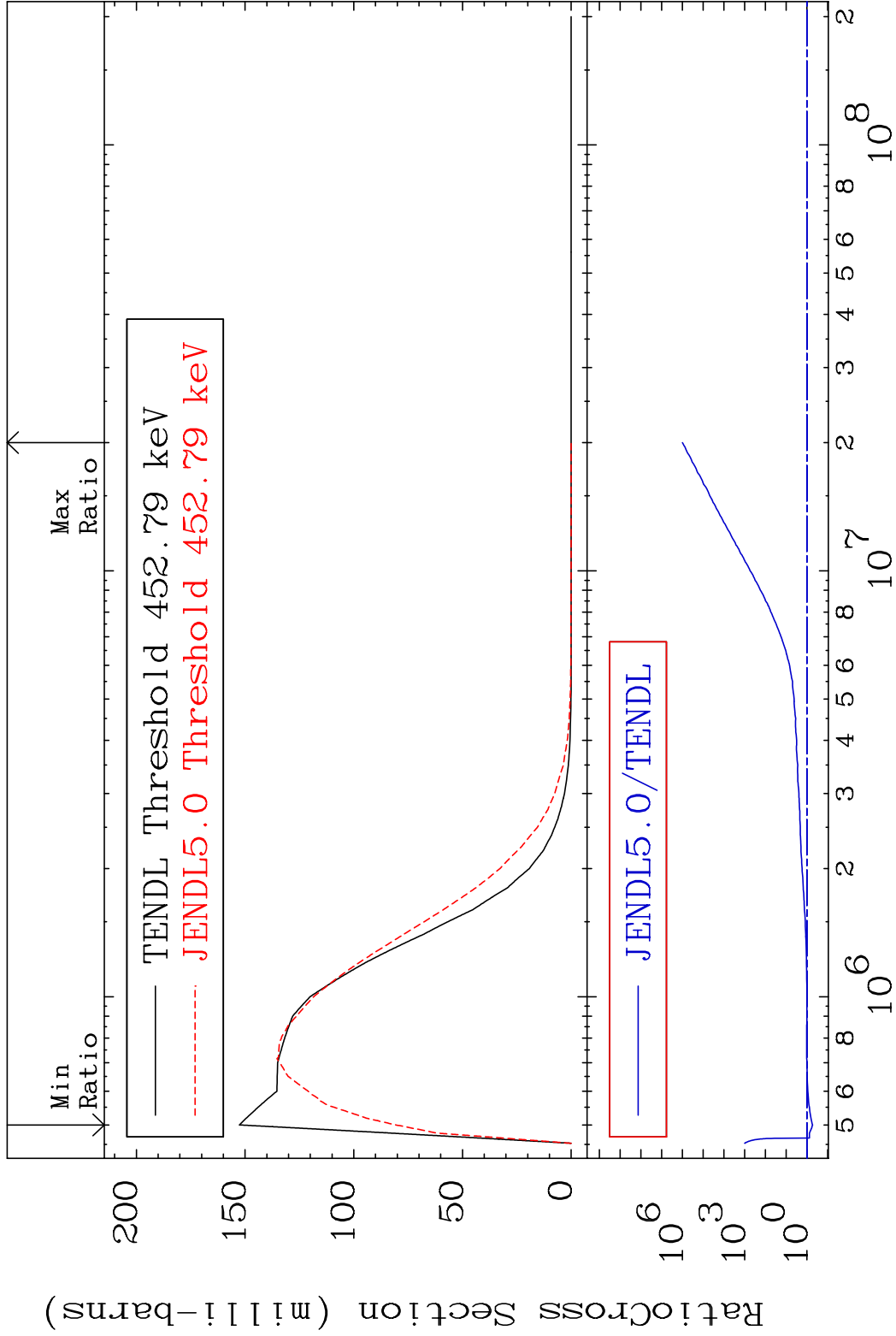
MAT 6646 MT= 60 (n,n') Level 66-Dy-163
Cross Section -59.87 To -9.084%



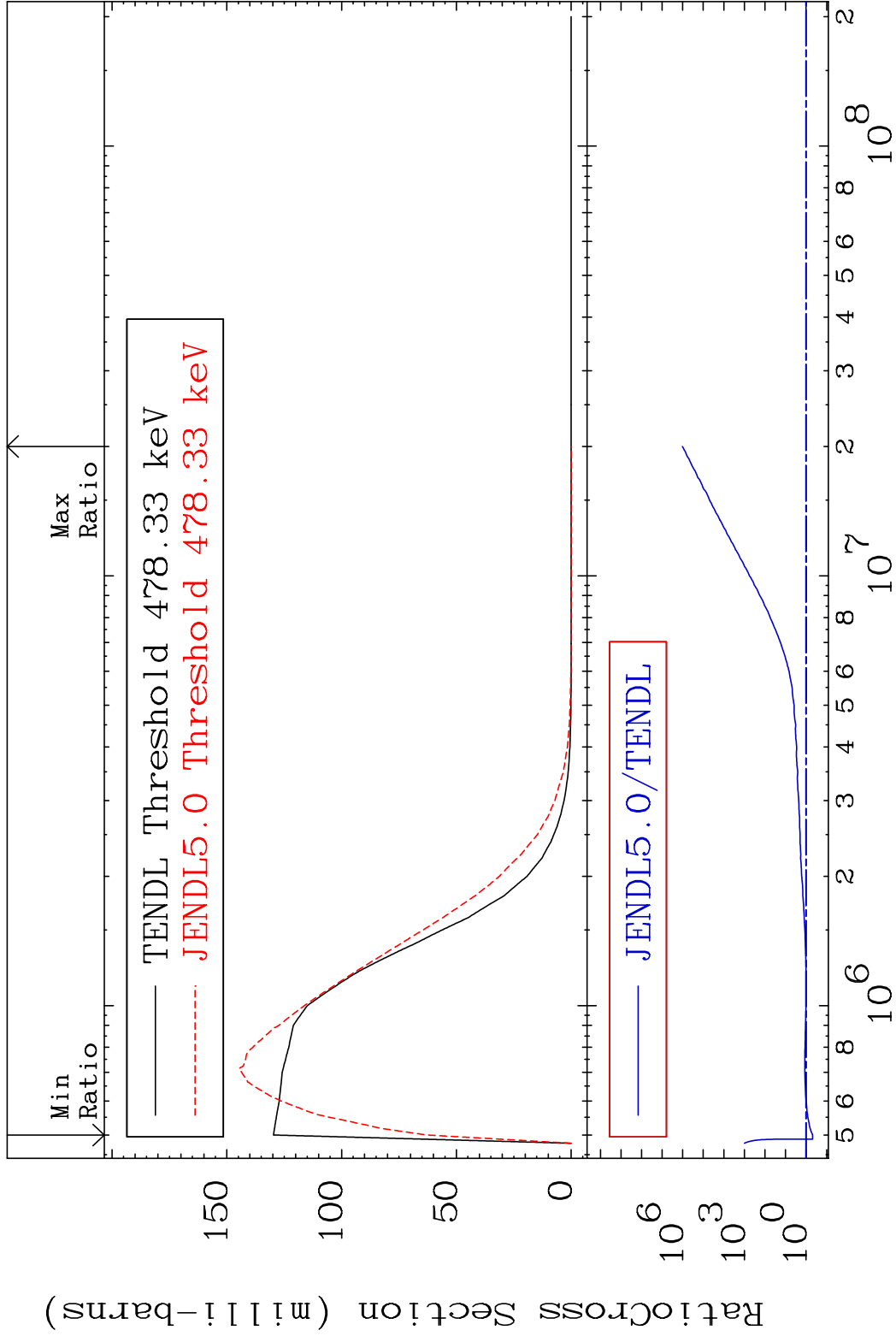


MAT 6646	MT= 62 (n,n')	Level	66-Dy-163
	Cross Section	-21.98 To 9999. %	

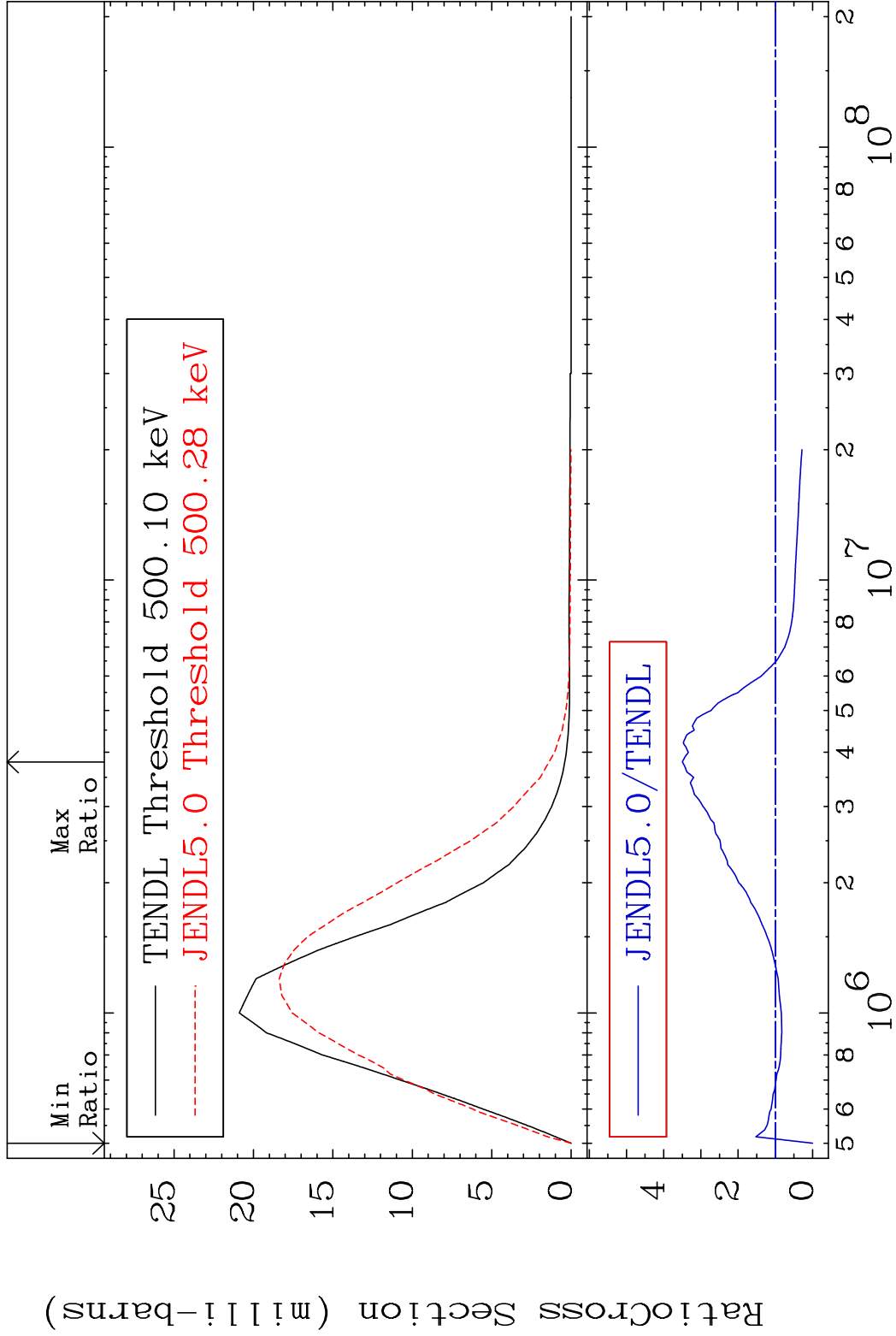




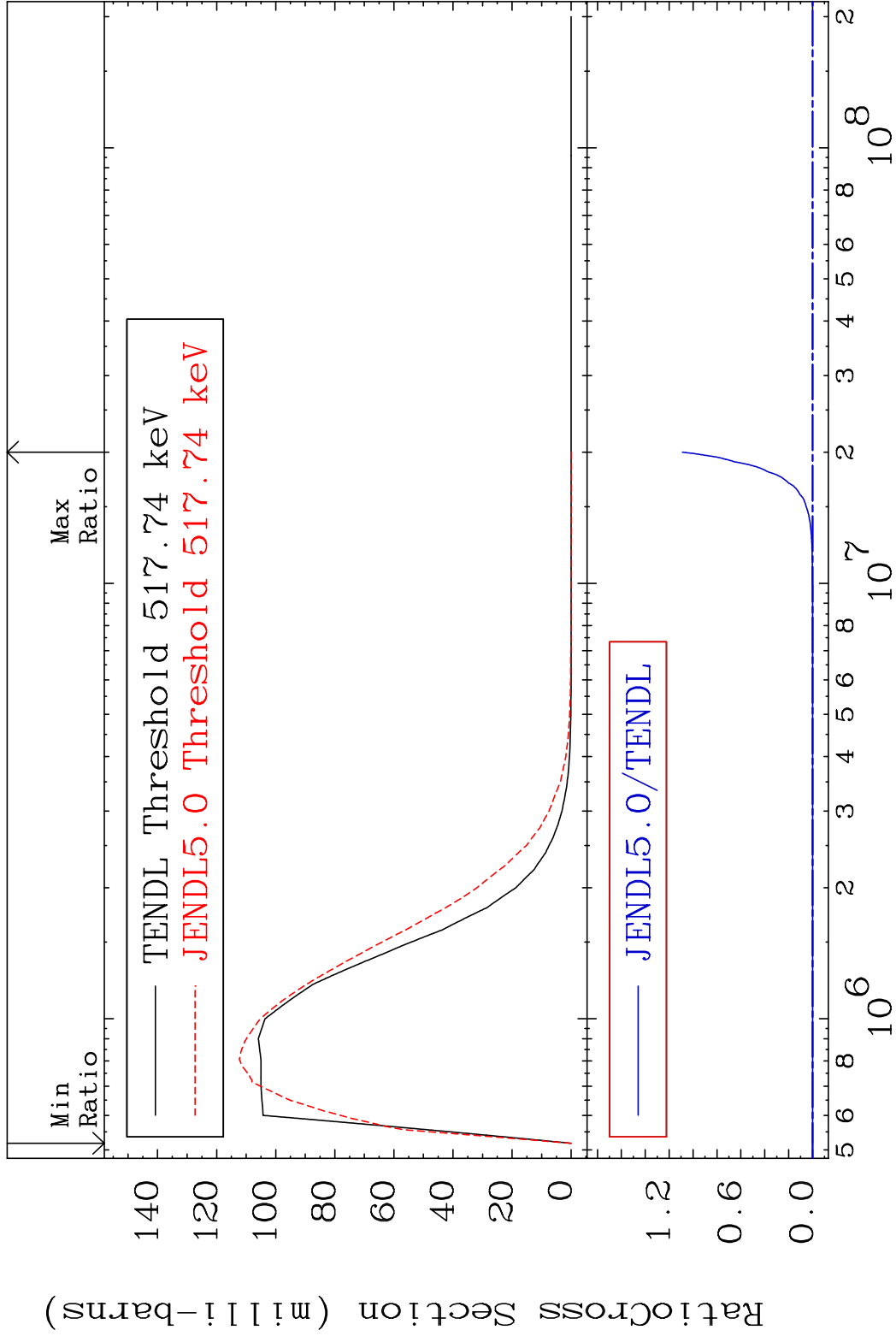
MAT 6646 MT= 64 (n,n') Level 66-Dy-163
Cross Section -51.55 To 9999. %



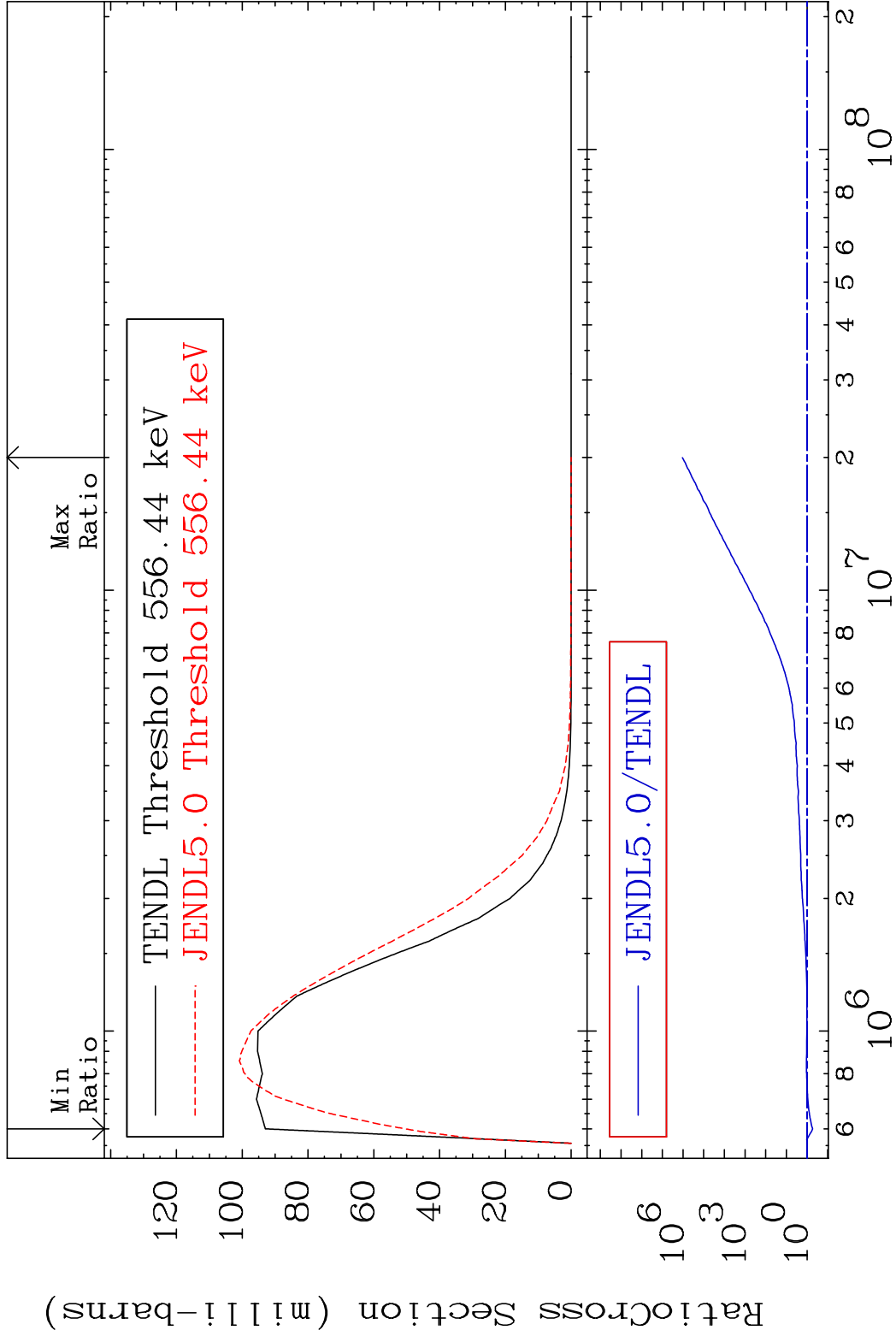
MAT 6646 MT= 65 (n,n') Level 66-Dy-163
Cross Section -100.0 To 249.8 %



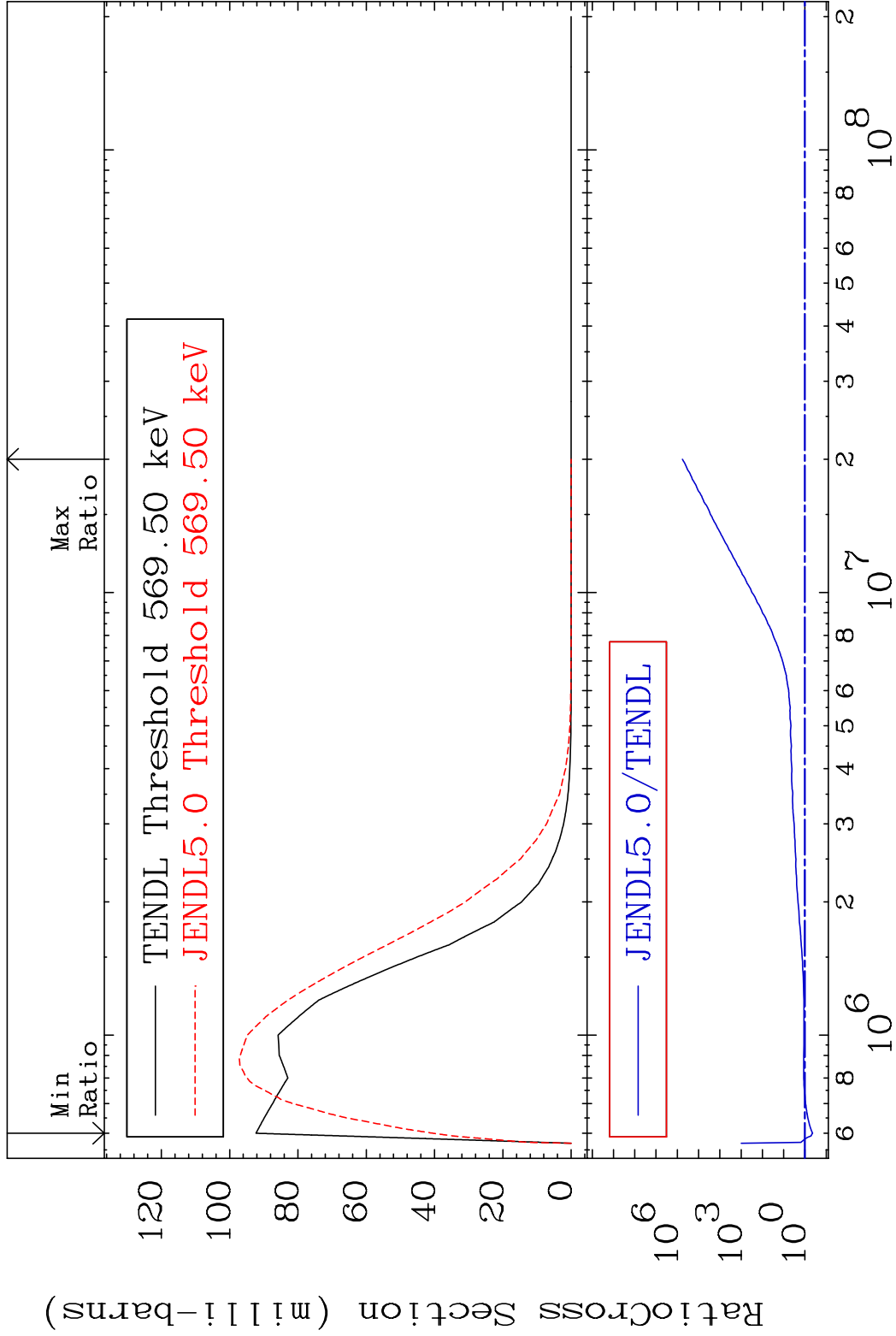
MAT 6646 MT= 66 (n,n') Level 66-Dy-163
Cross Section -100.0 To 9999. %



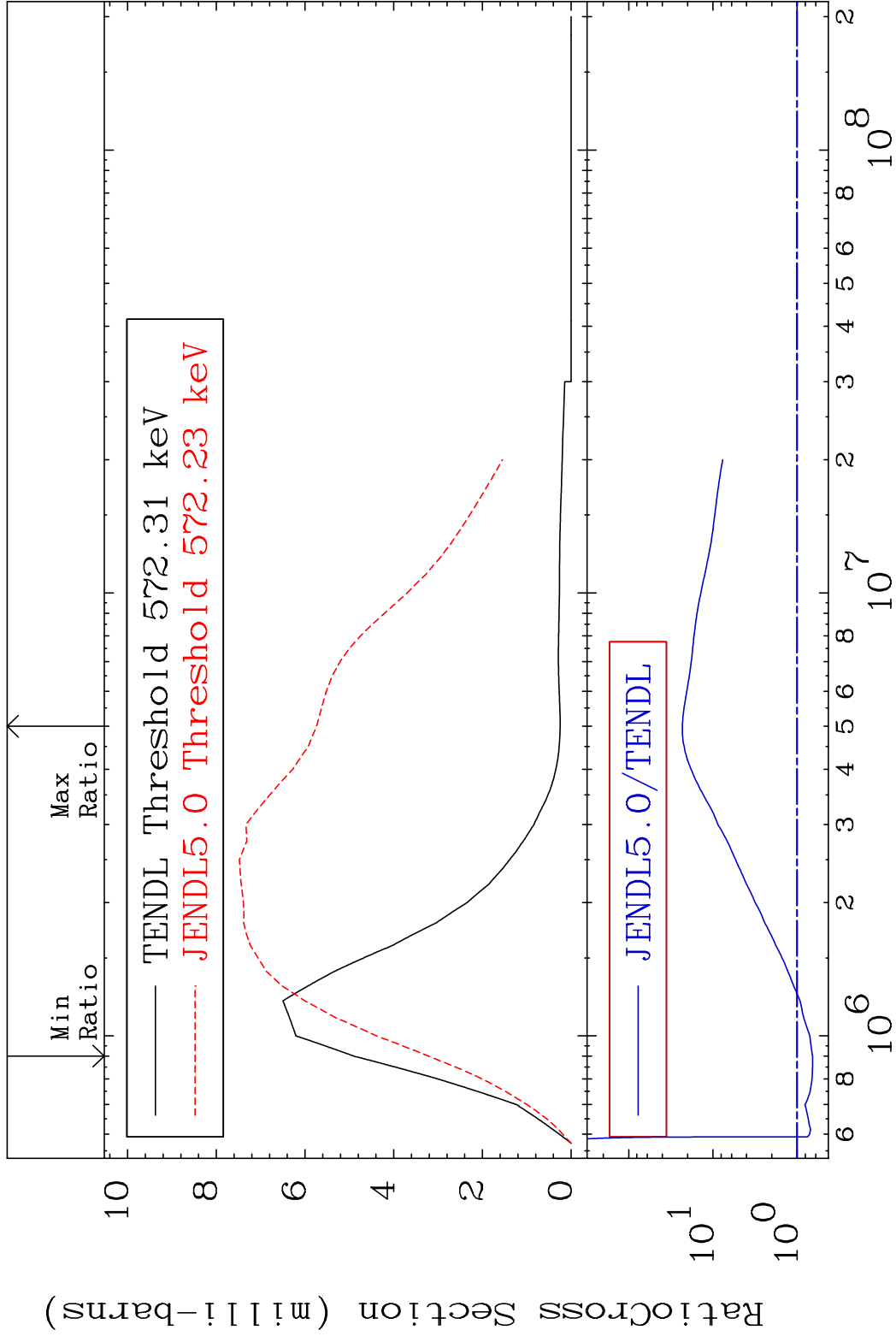
MAT 6646 MT= 67 (n,n') Level 66-Dy-163
Cross Section -45.73 To 9999. %



MAT 6646 MT= 68 (n,n') Level 66-Dy-163
Cross Section -56.17 To 9999. %



MAT 6646 MT= 69 (n,n') Level 66-Dy-163
Cross Section -34.35 To 2206. %



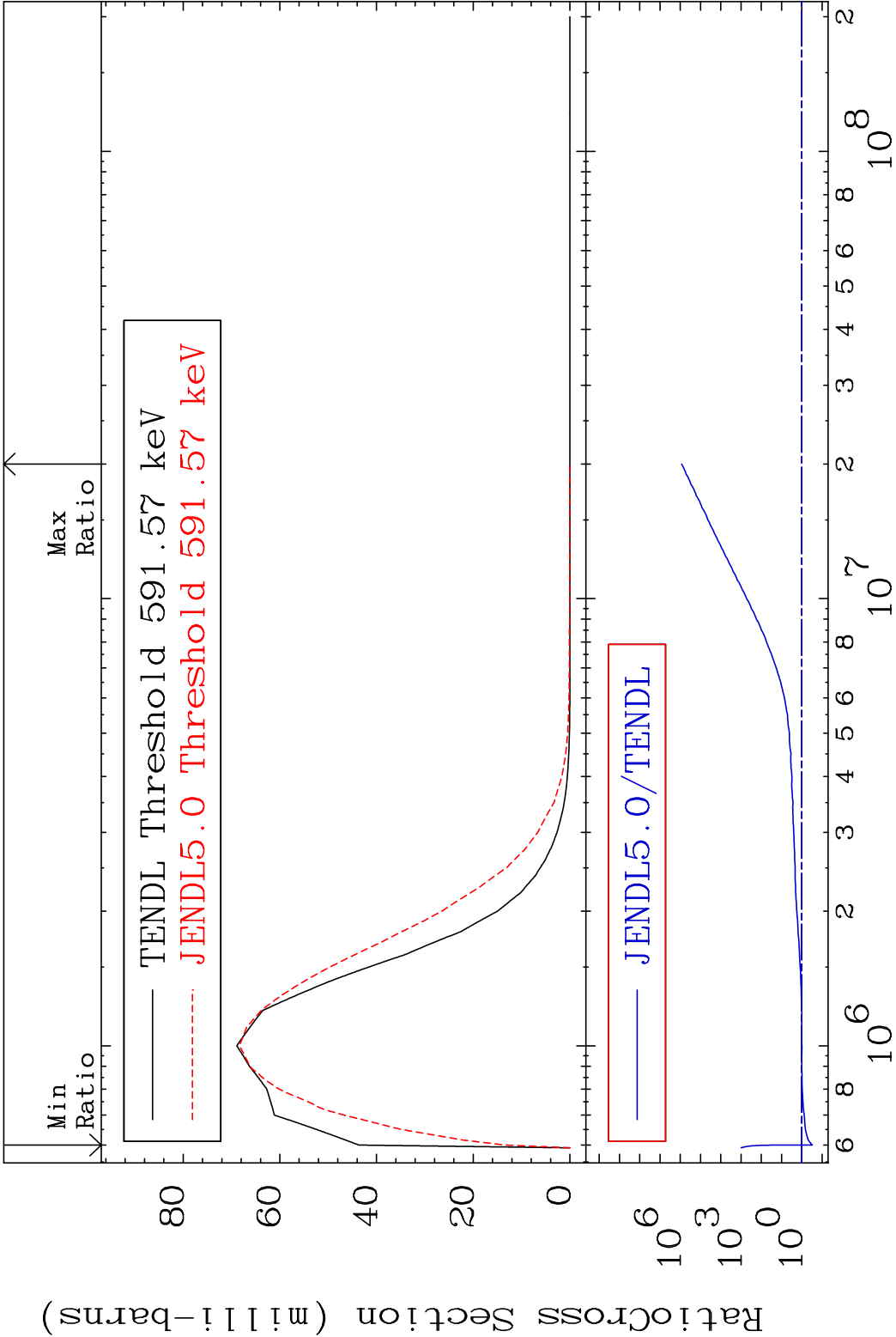
MAT 6646

MT= 70 (n,n') Level

66-Dy-163

Cross Section

-69.45 To 9999. %



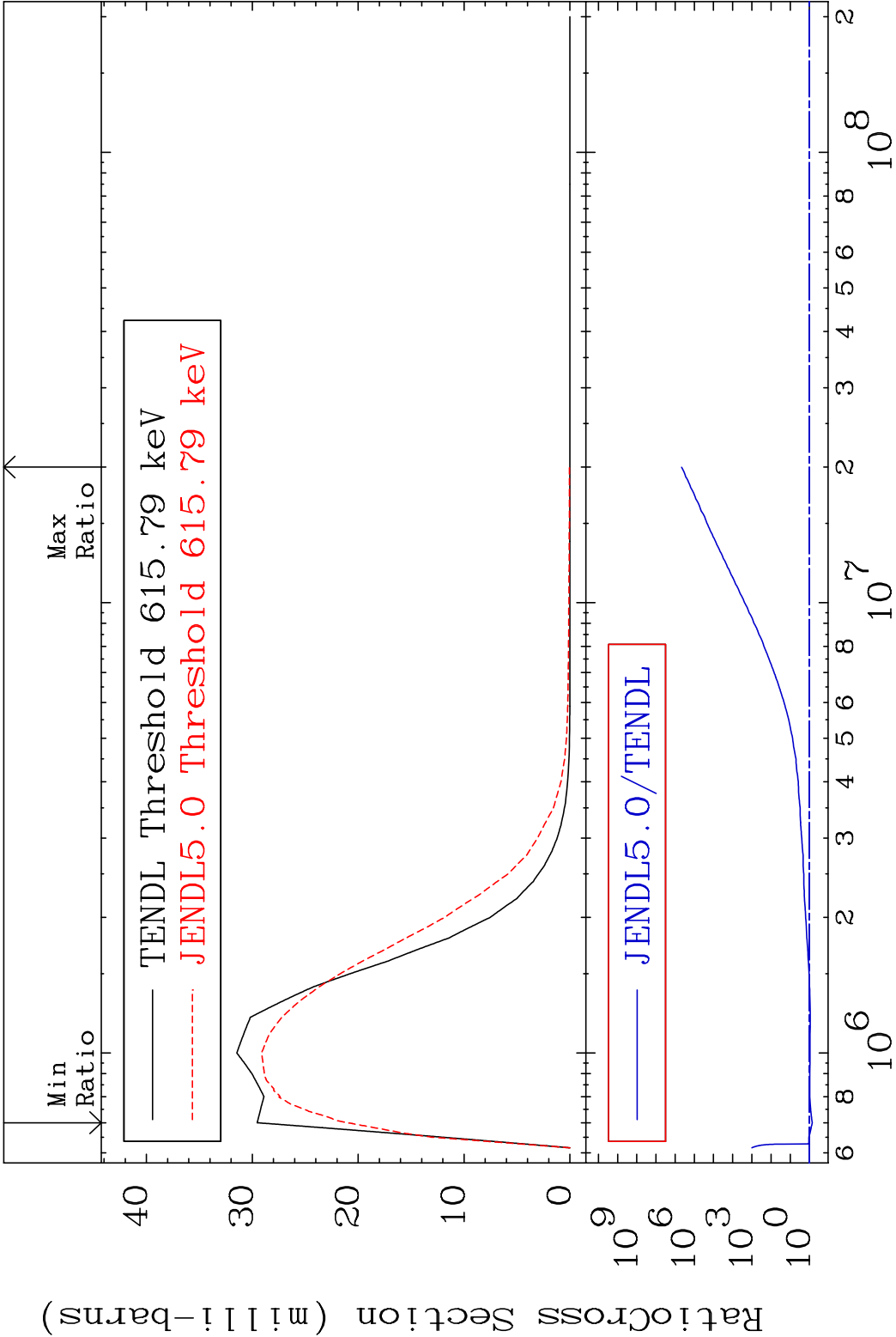
MAT 6646

MT= 71 (n,n') Level

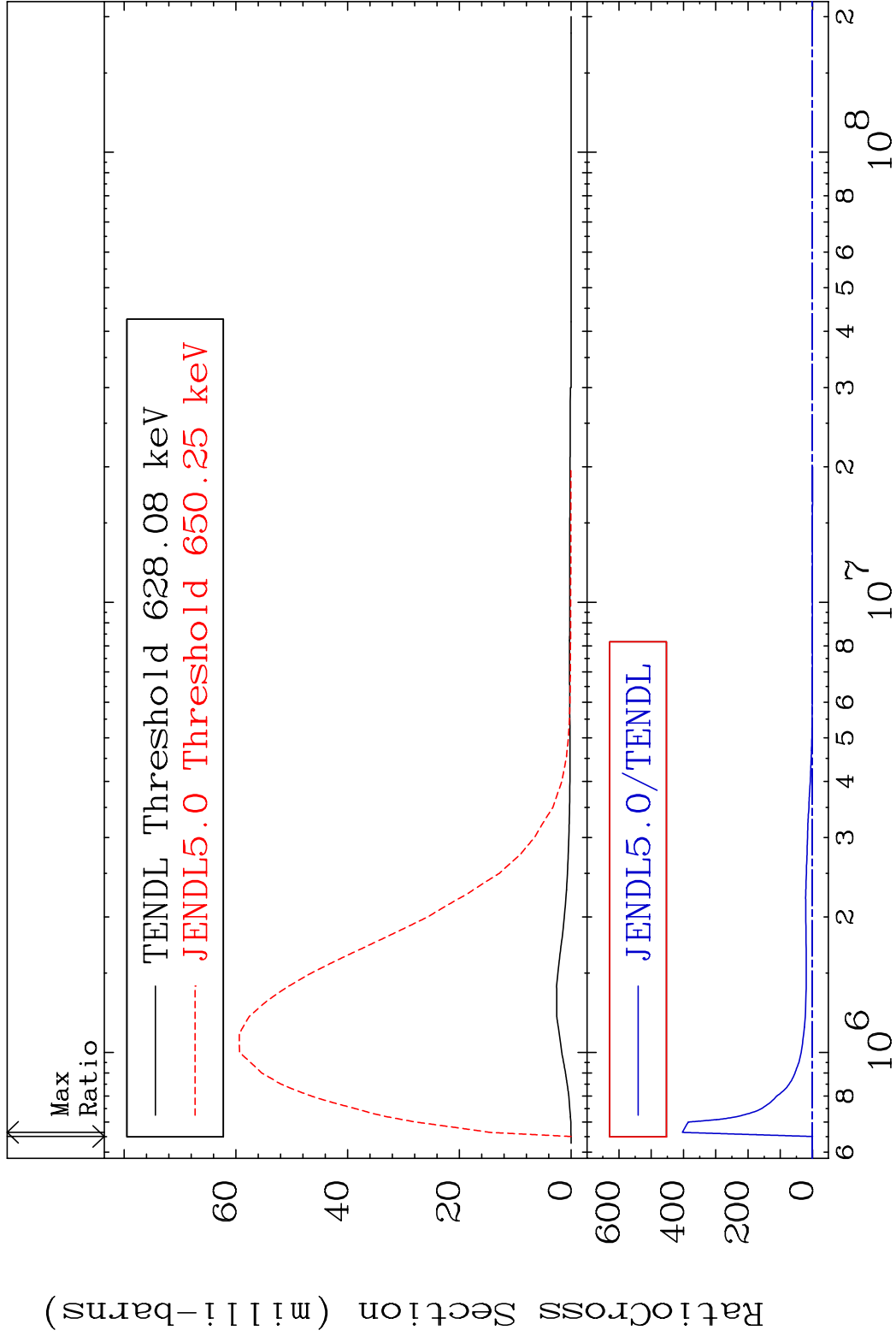
66-Dy-163

Cross Section

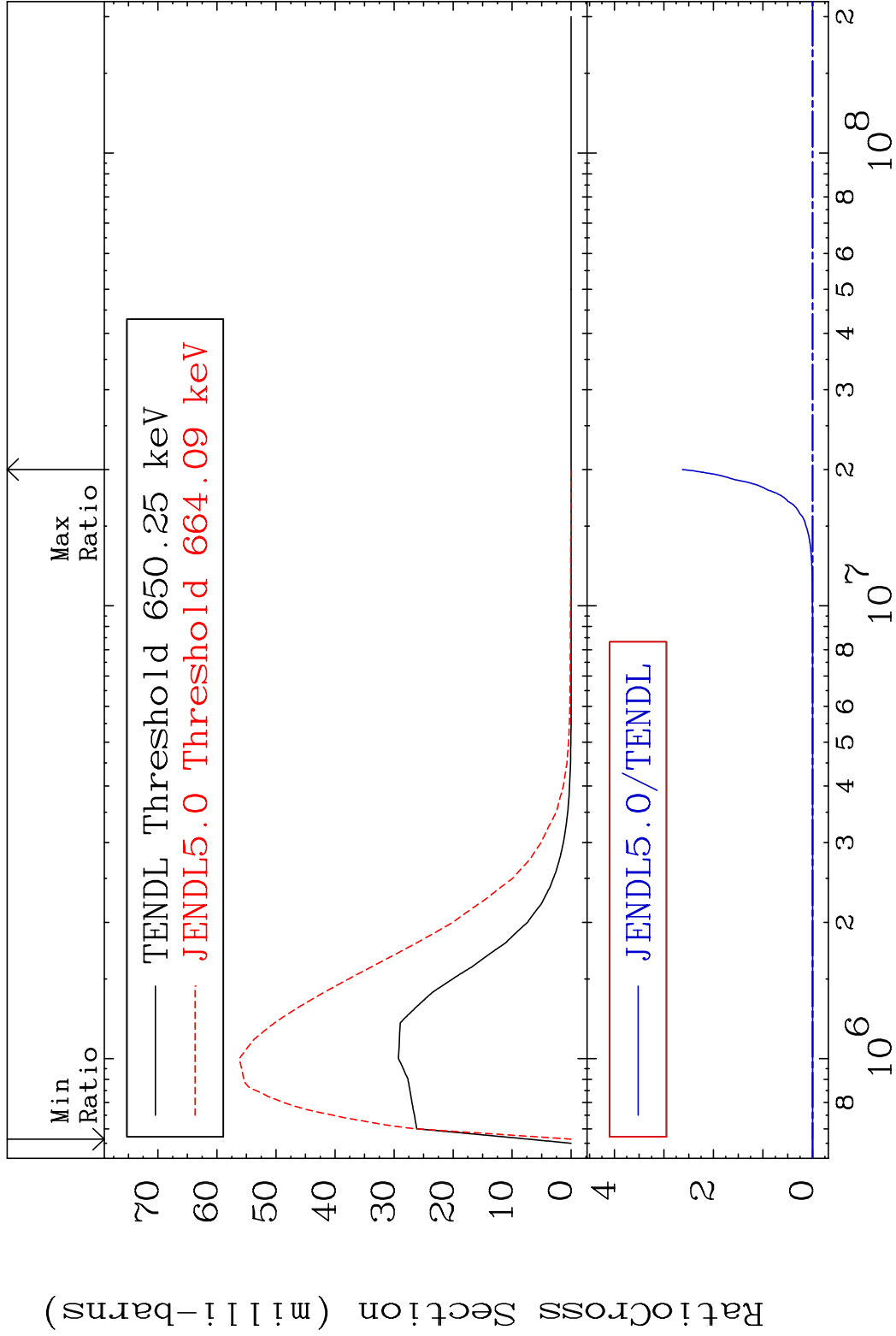
-28.87 To 9999. %



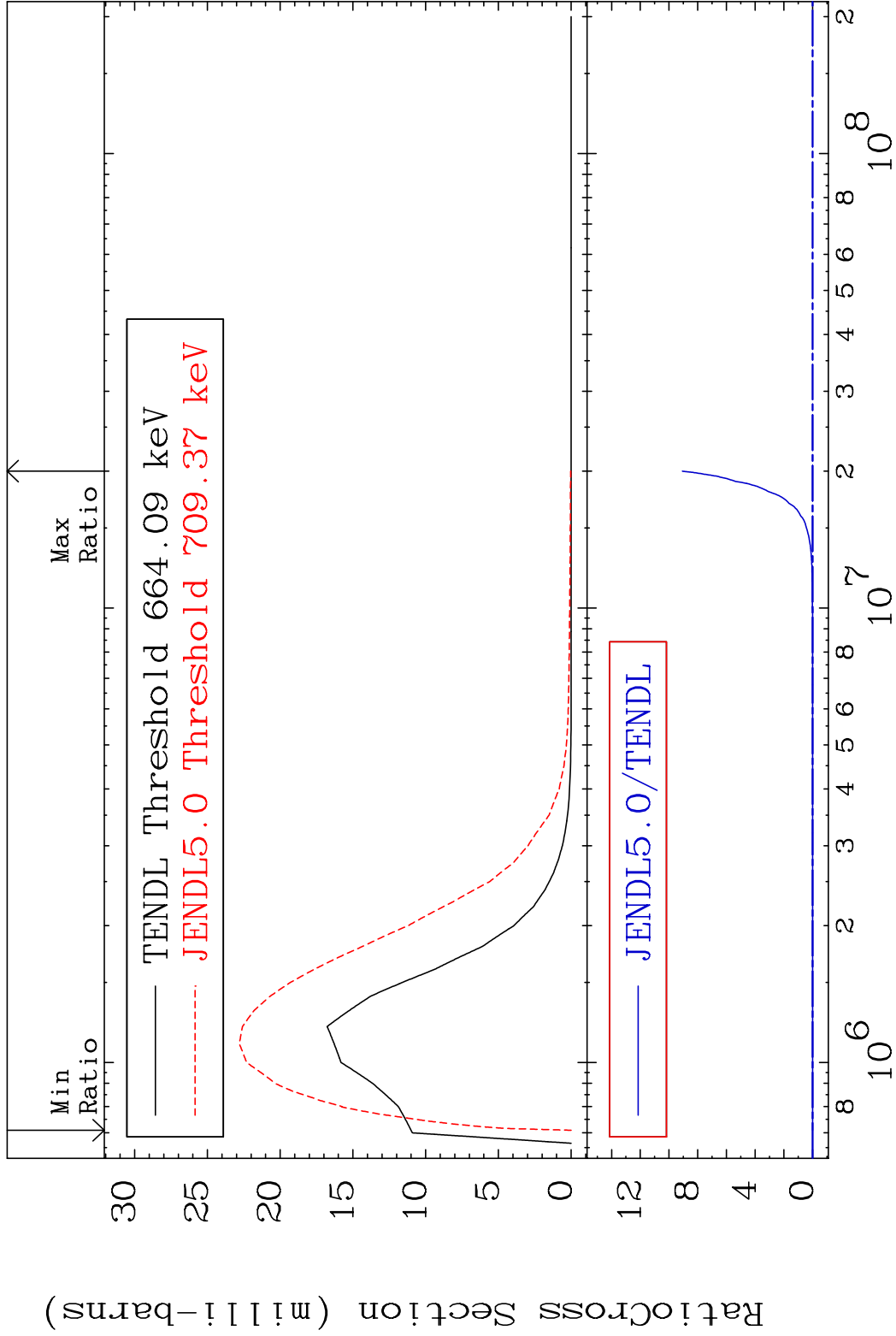
MAT 6646 MT= 72 (n,n') Level 66-Dy-163
Cross Section -100.0 To 9999. %



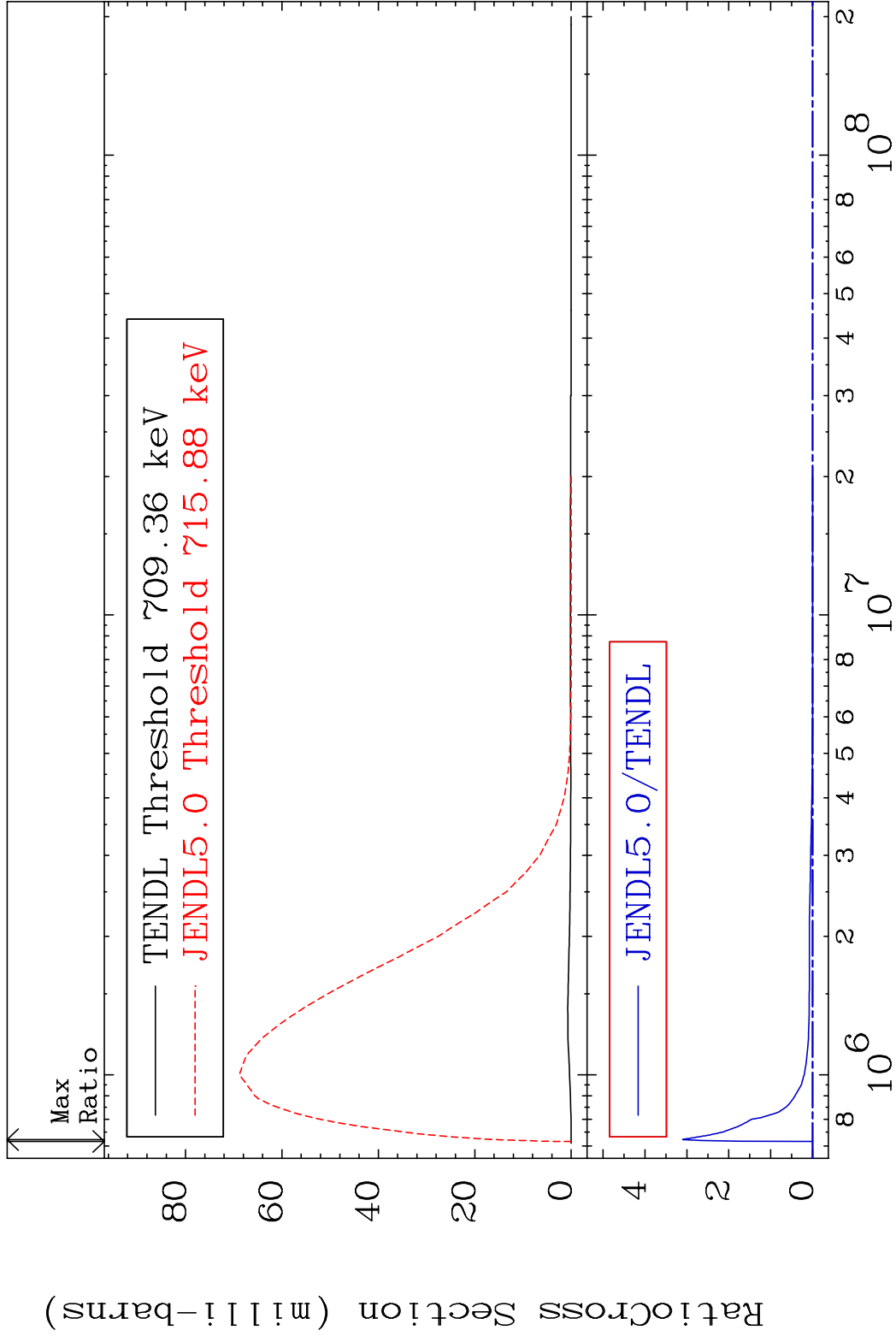
MAT 6646 MT= 73 (n,n') Level 66-Dy-163
Cross Section -100.0 To 9999. %



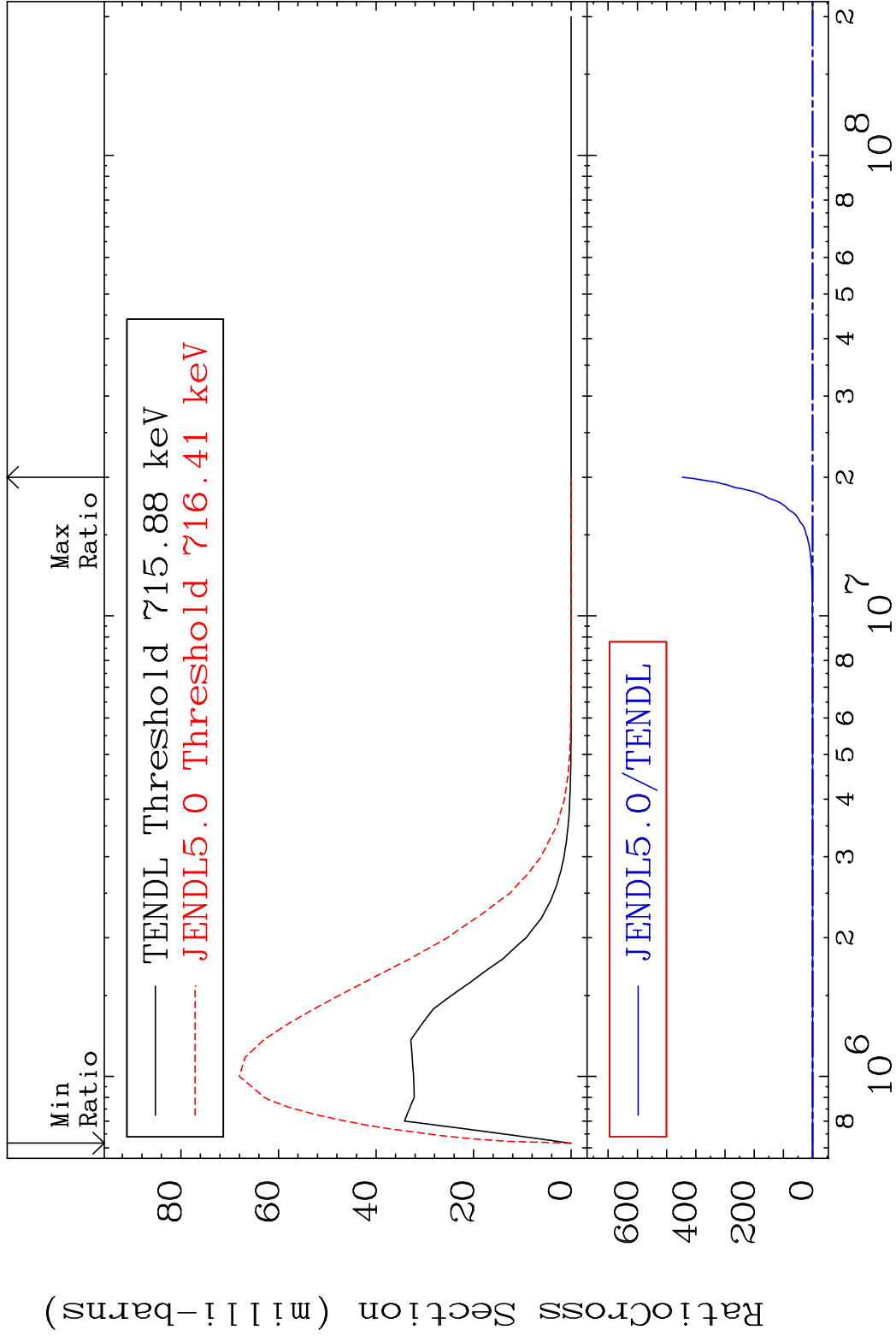
MAT 6646 MT= 74 (n,n') Level 66-Dy-163
Cross Section -100.0 To 9999. %



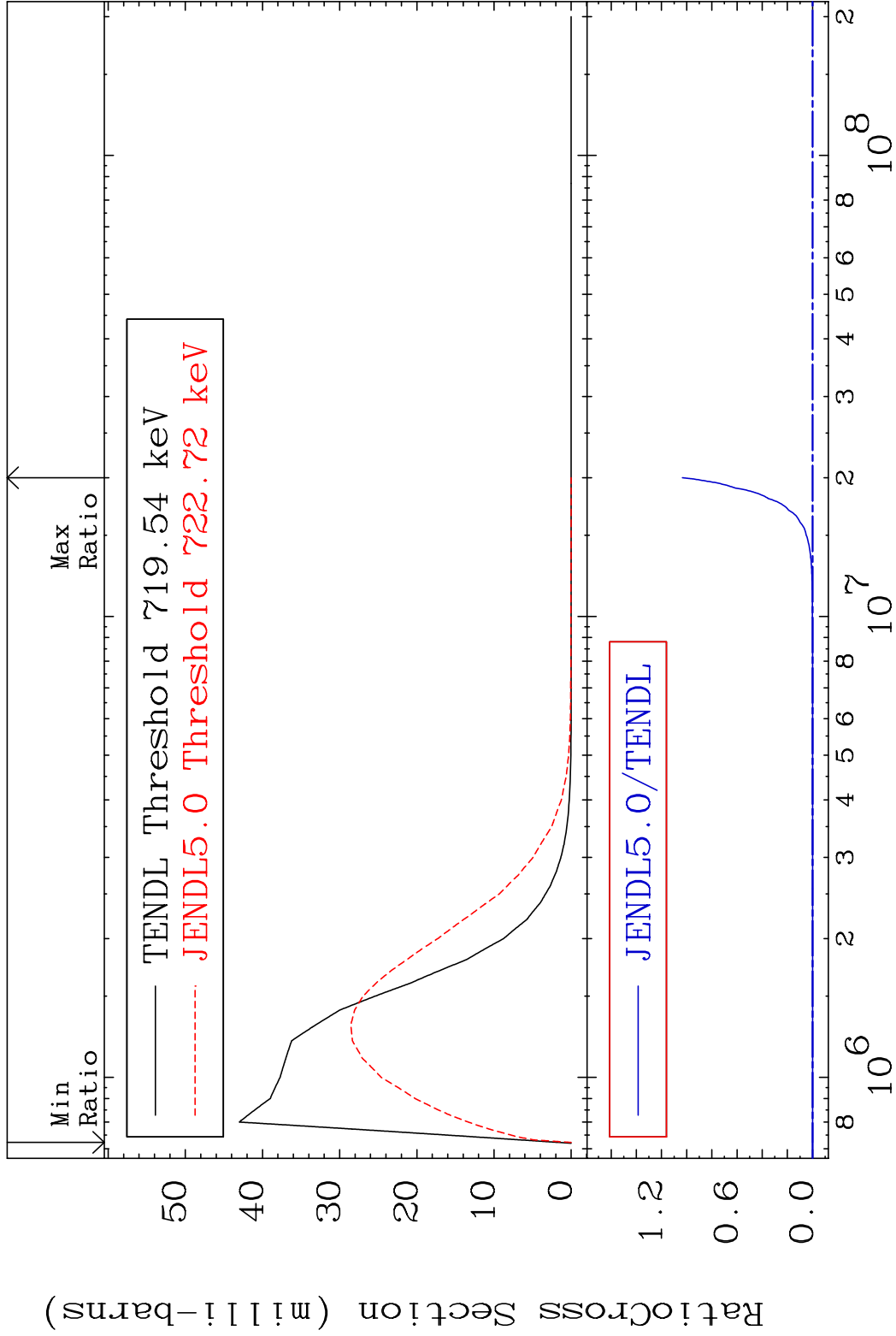
MAT 6646 MT= 75 (n,n') Level 66-Dy-163
Cross Section -100.0 To 9999. %



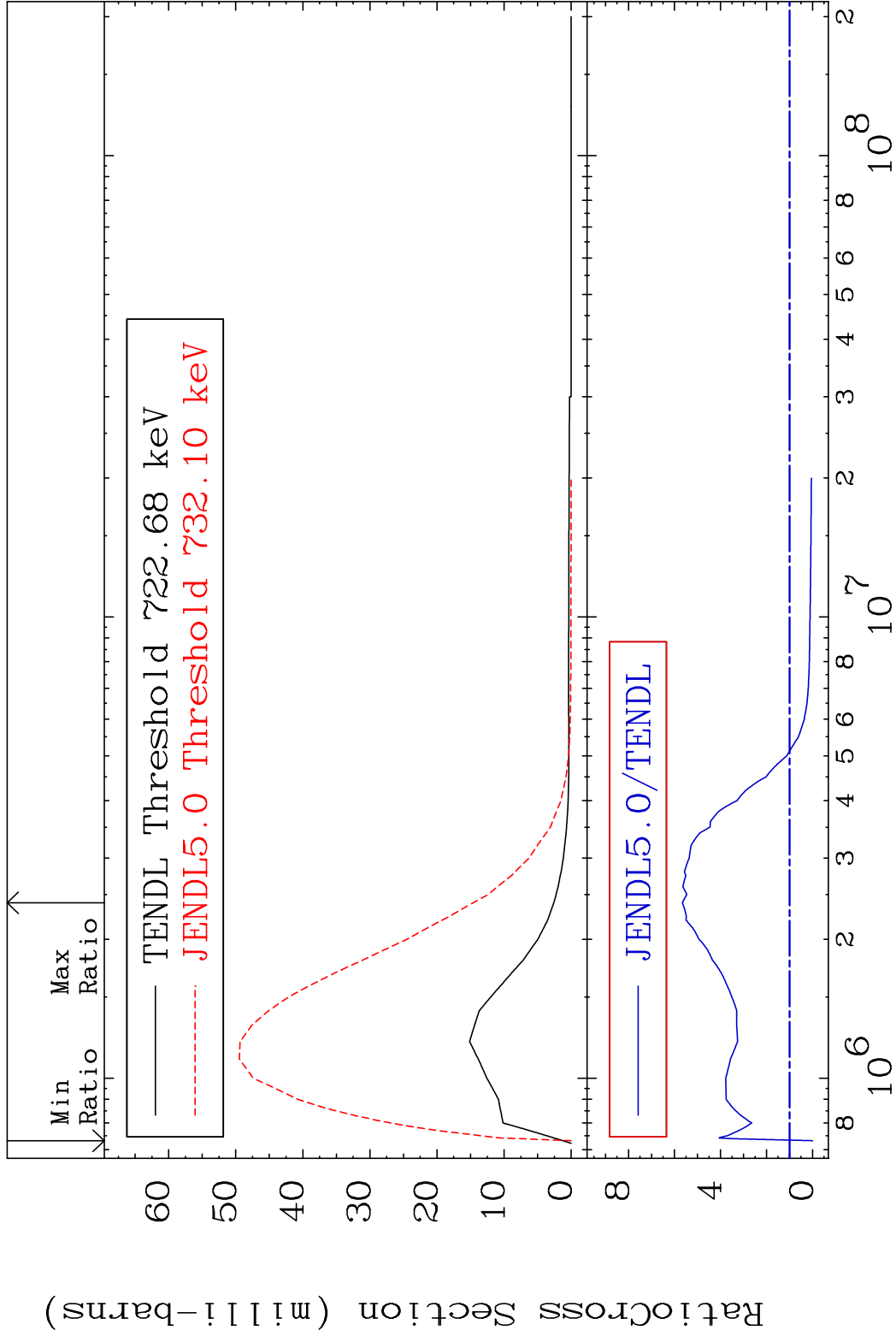
MAT 6646 MT= 76 (n,n') Level 66-Dy-163
Cross Section -100.0 To 9999. %

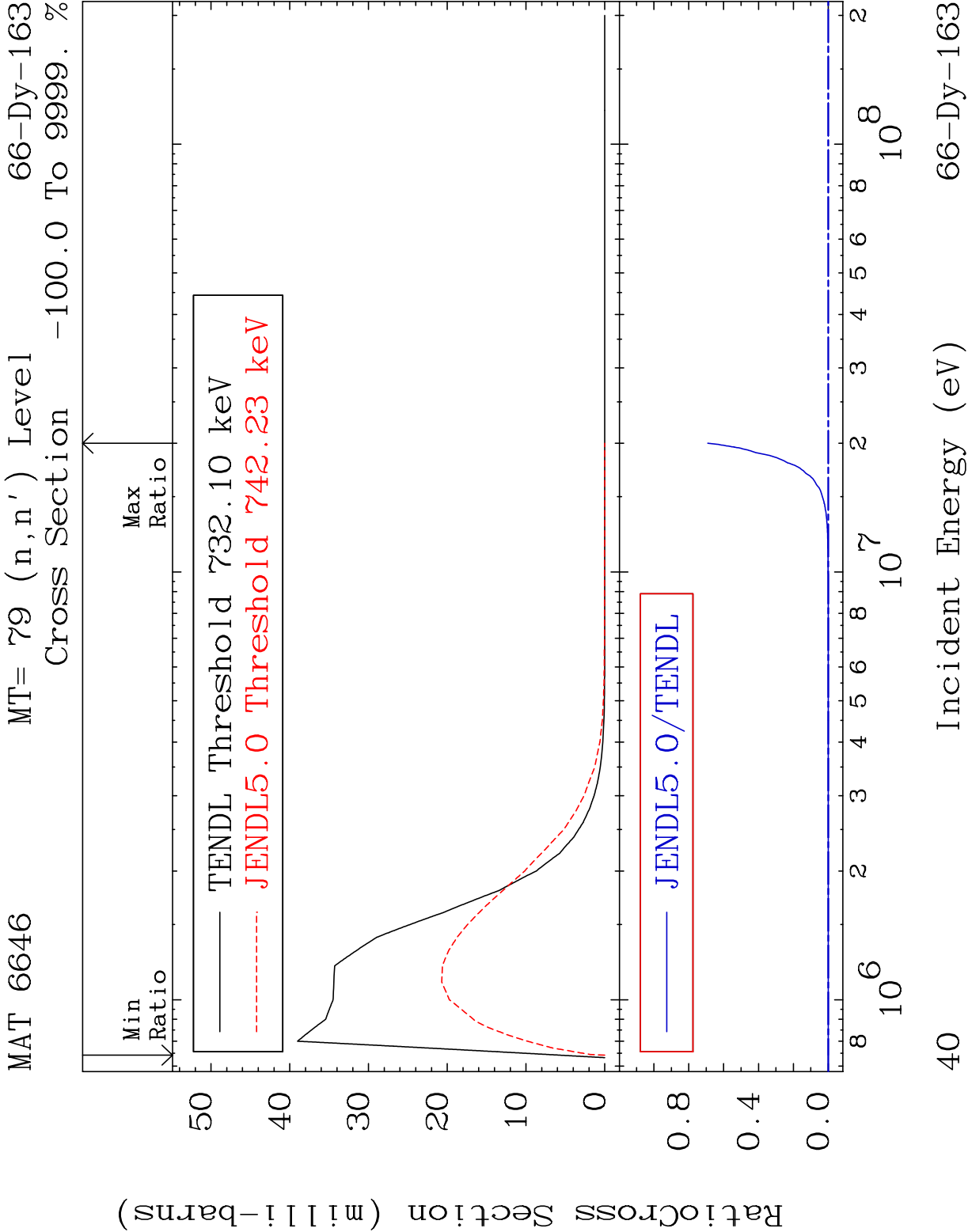


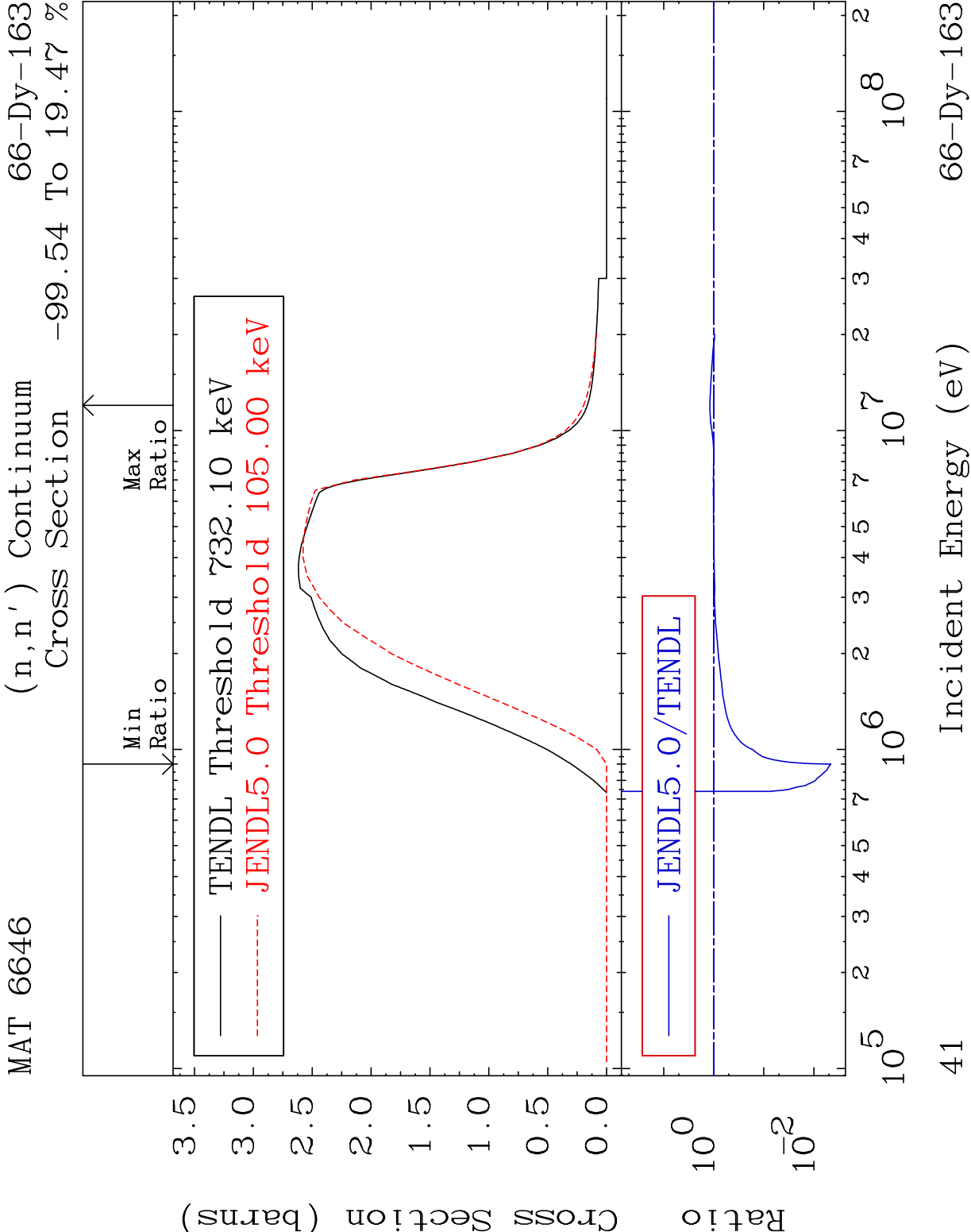
MAT 6646 MT= 77 (n,n') Level 66-Dy-163
Cross Section -100.0 To 9999. %

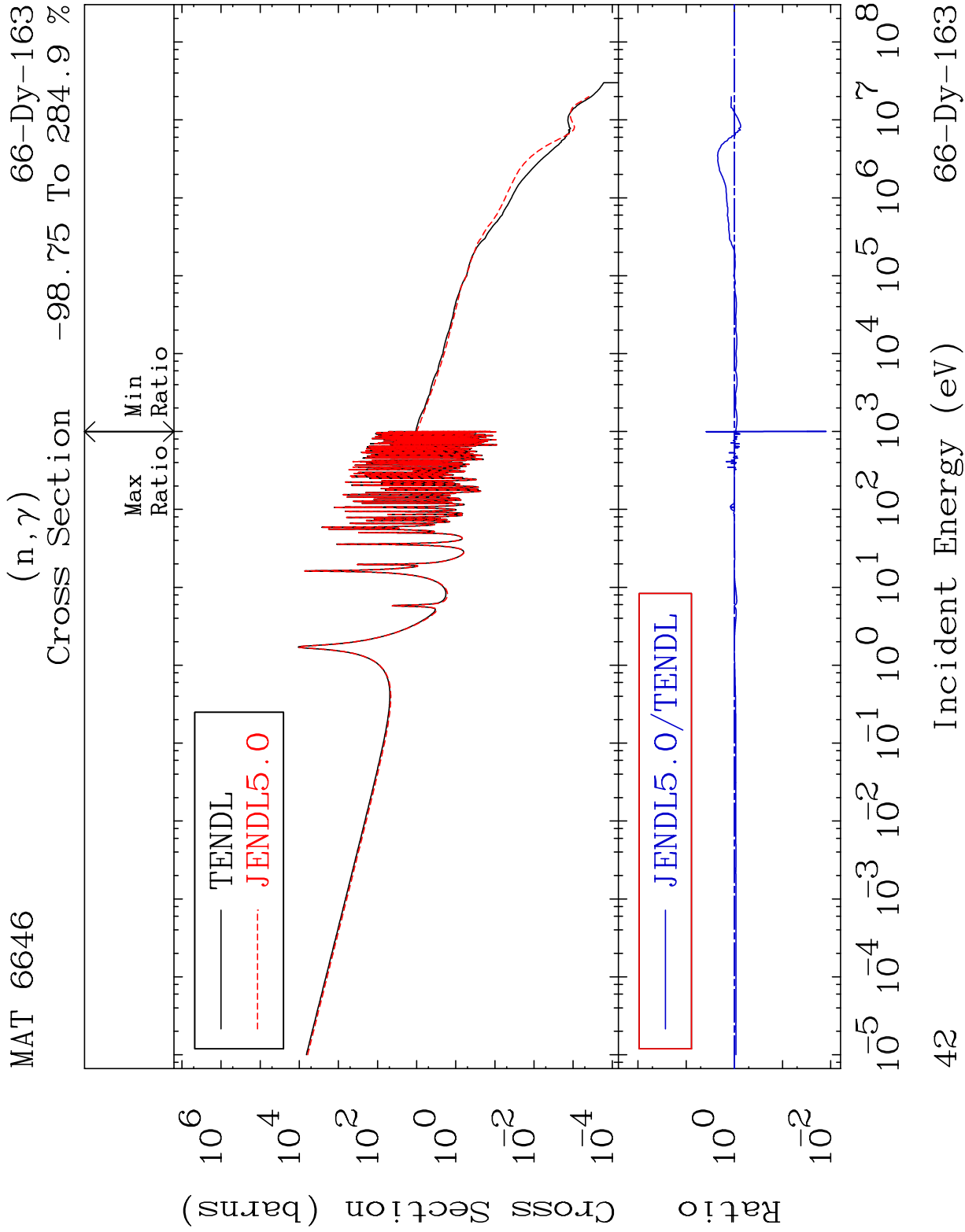


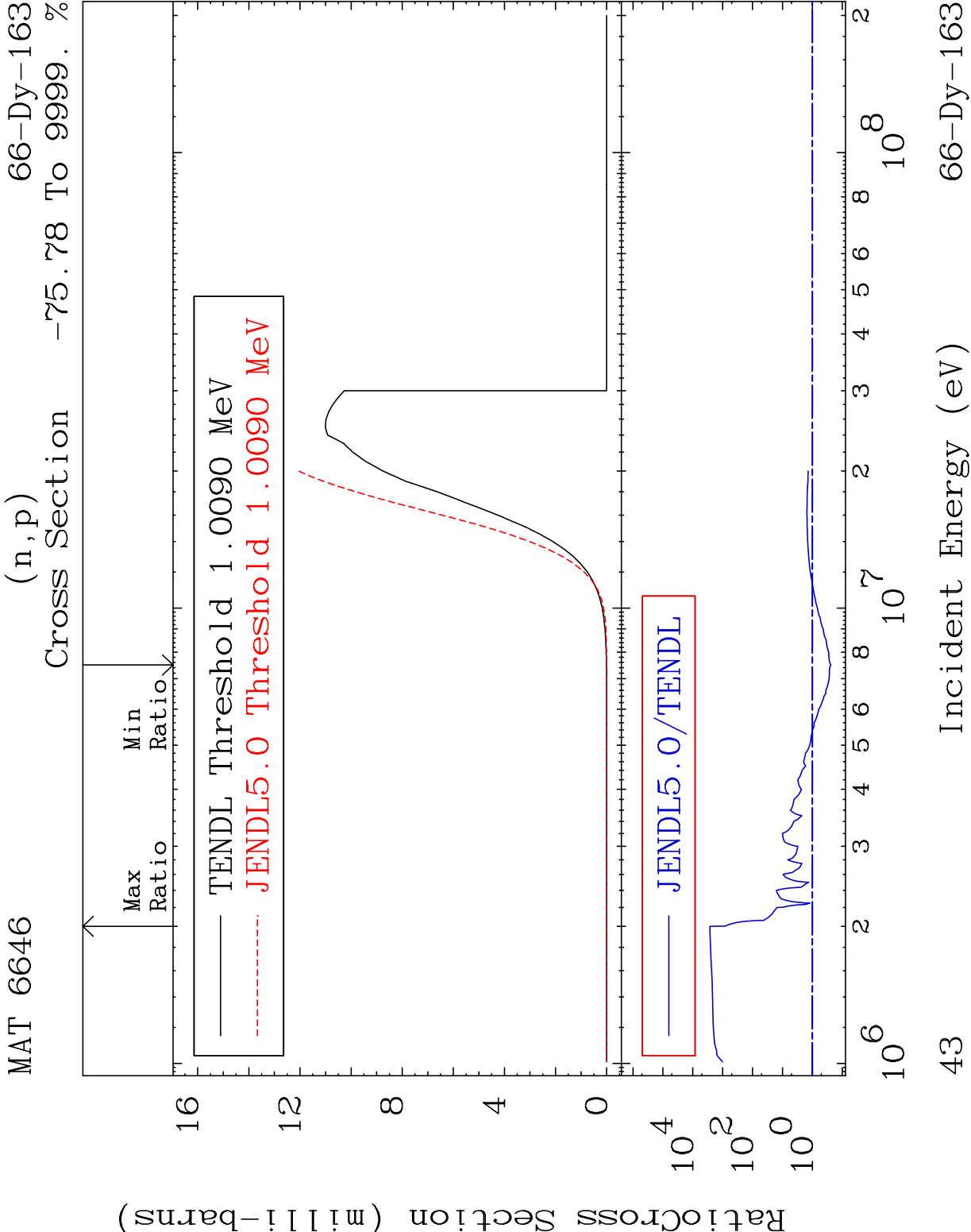
MAT 6646 MT= 78 (n,n') Level 66-Dy-163
Cross Section -100.0 To 465.9 %

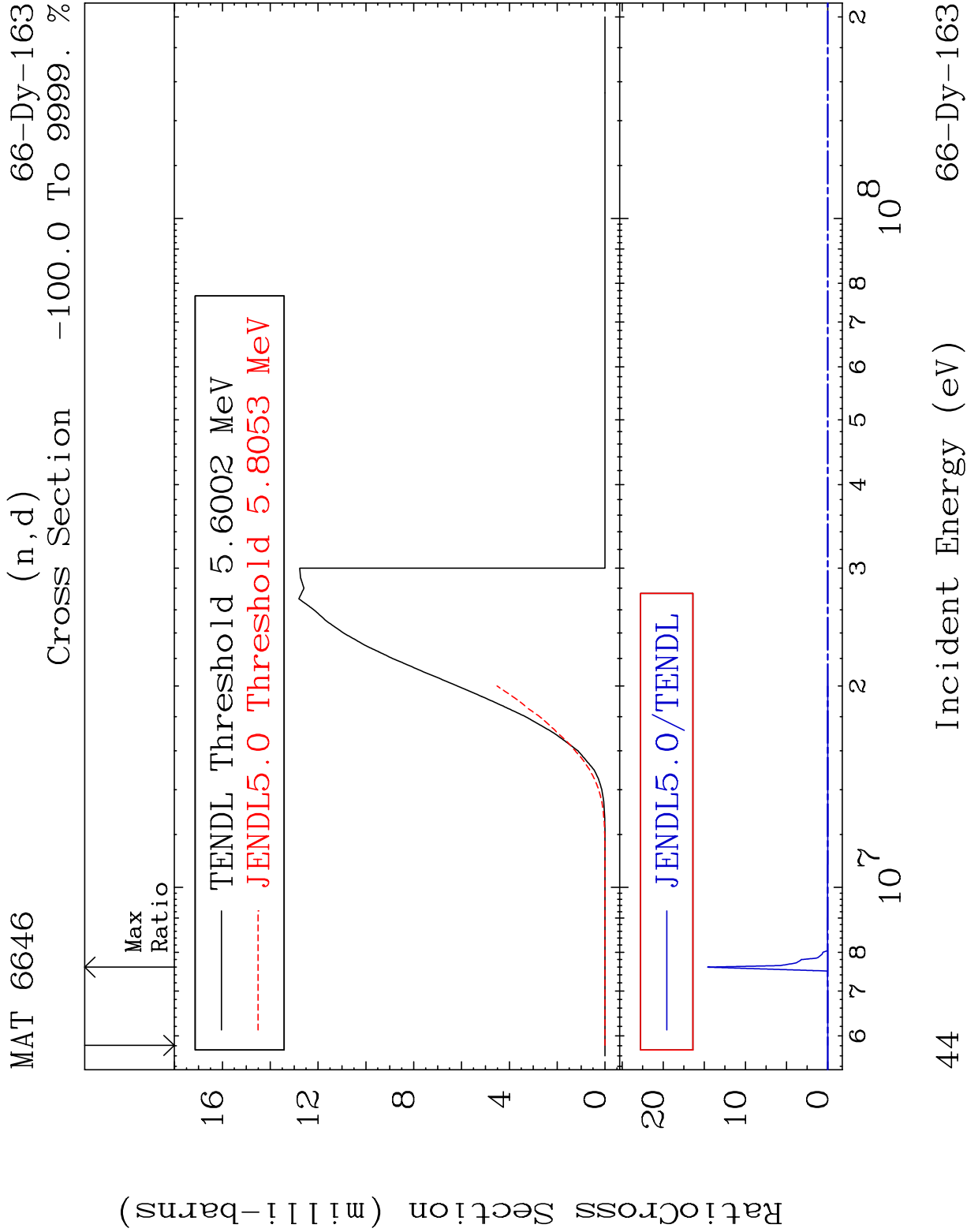


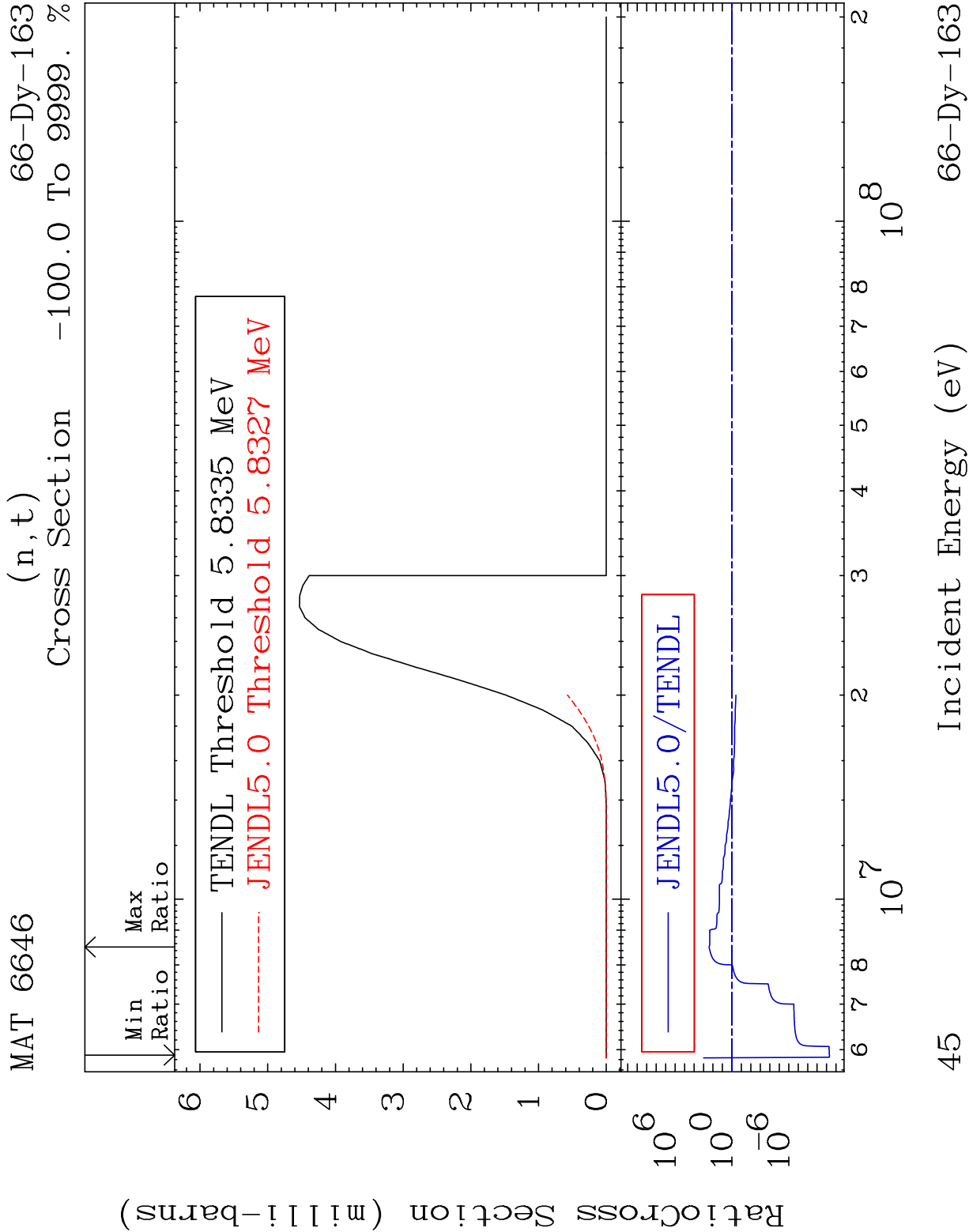


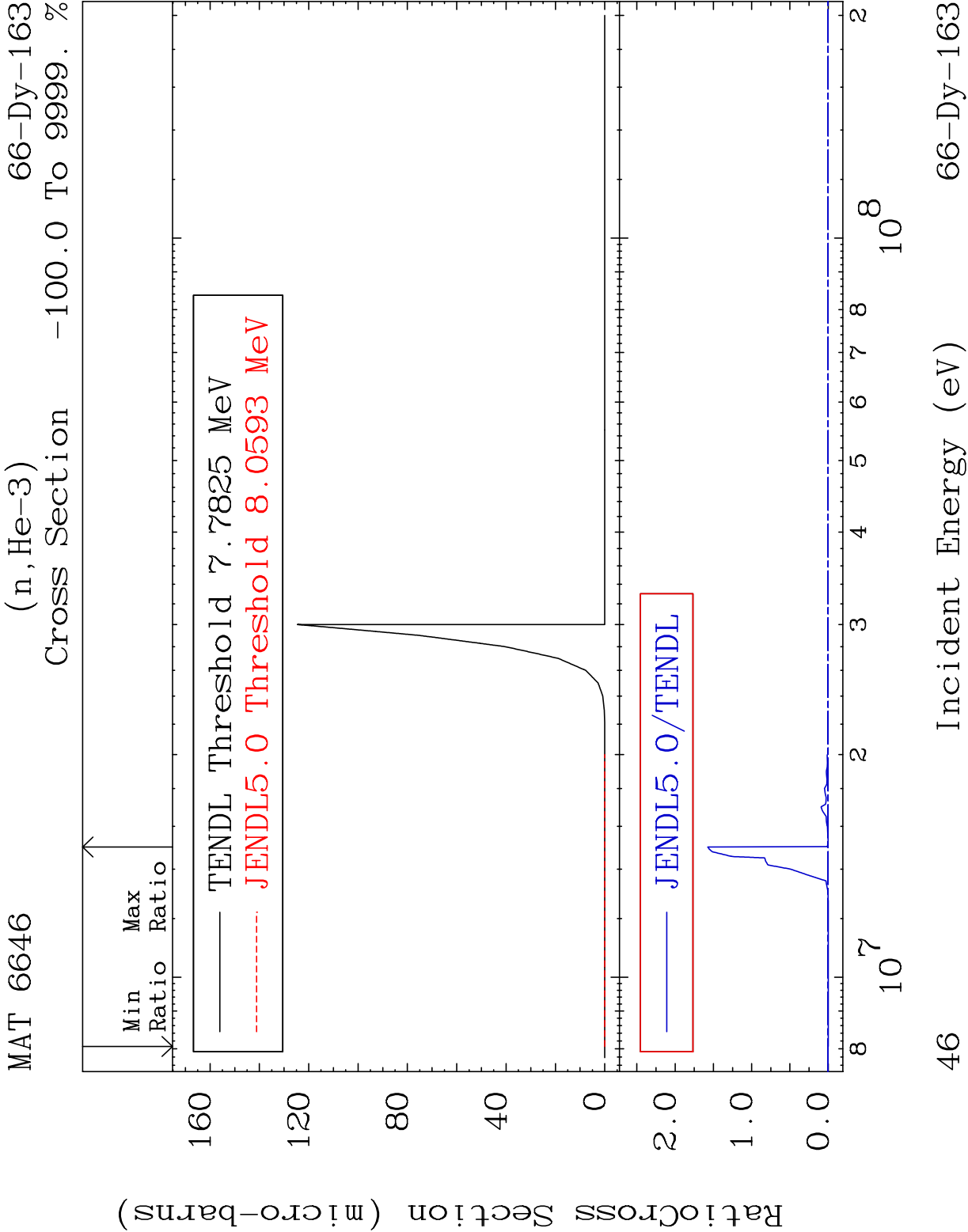


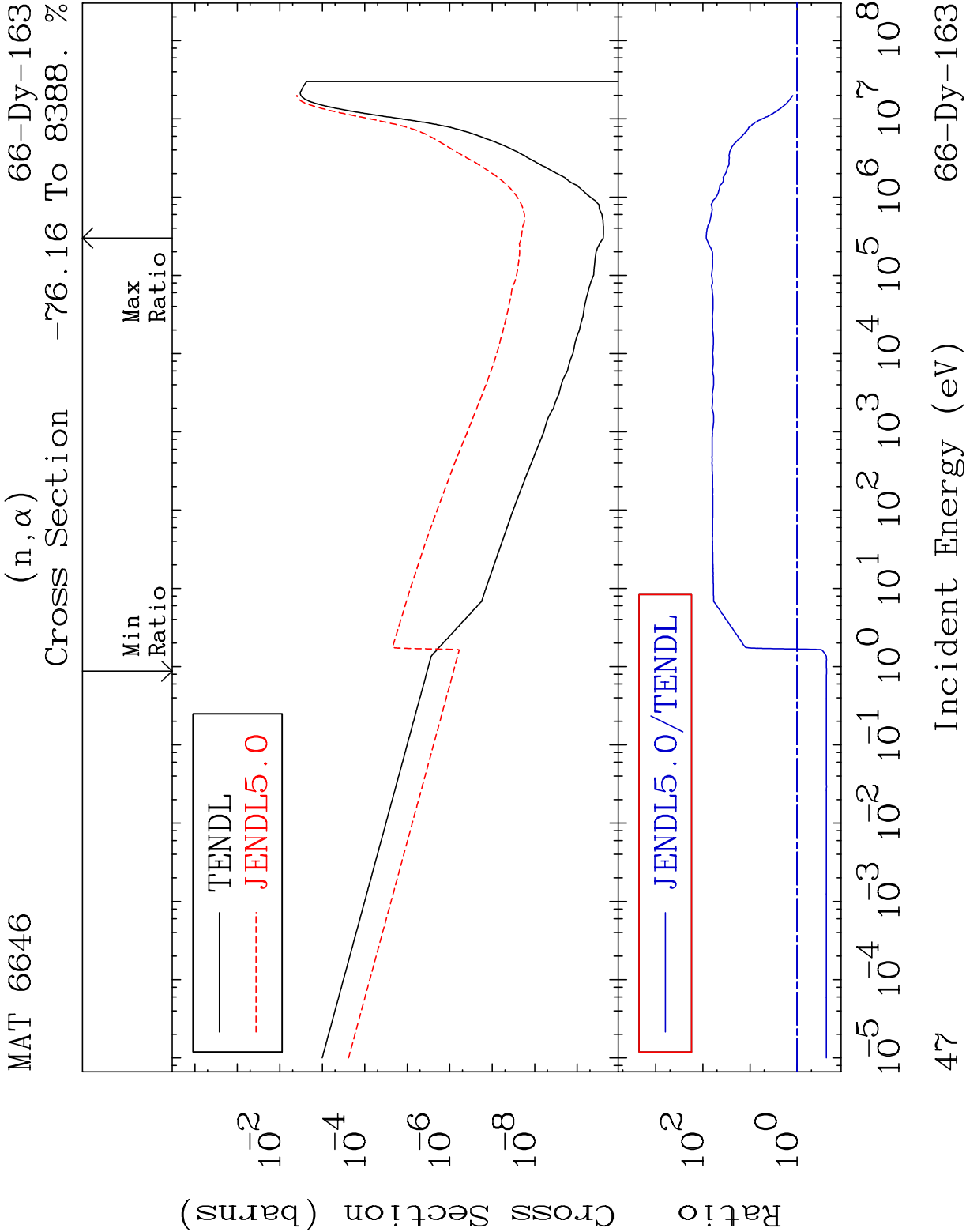


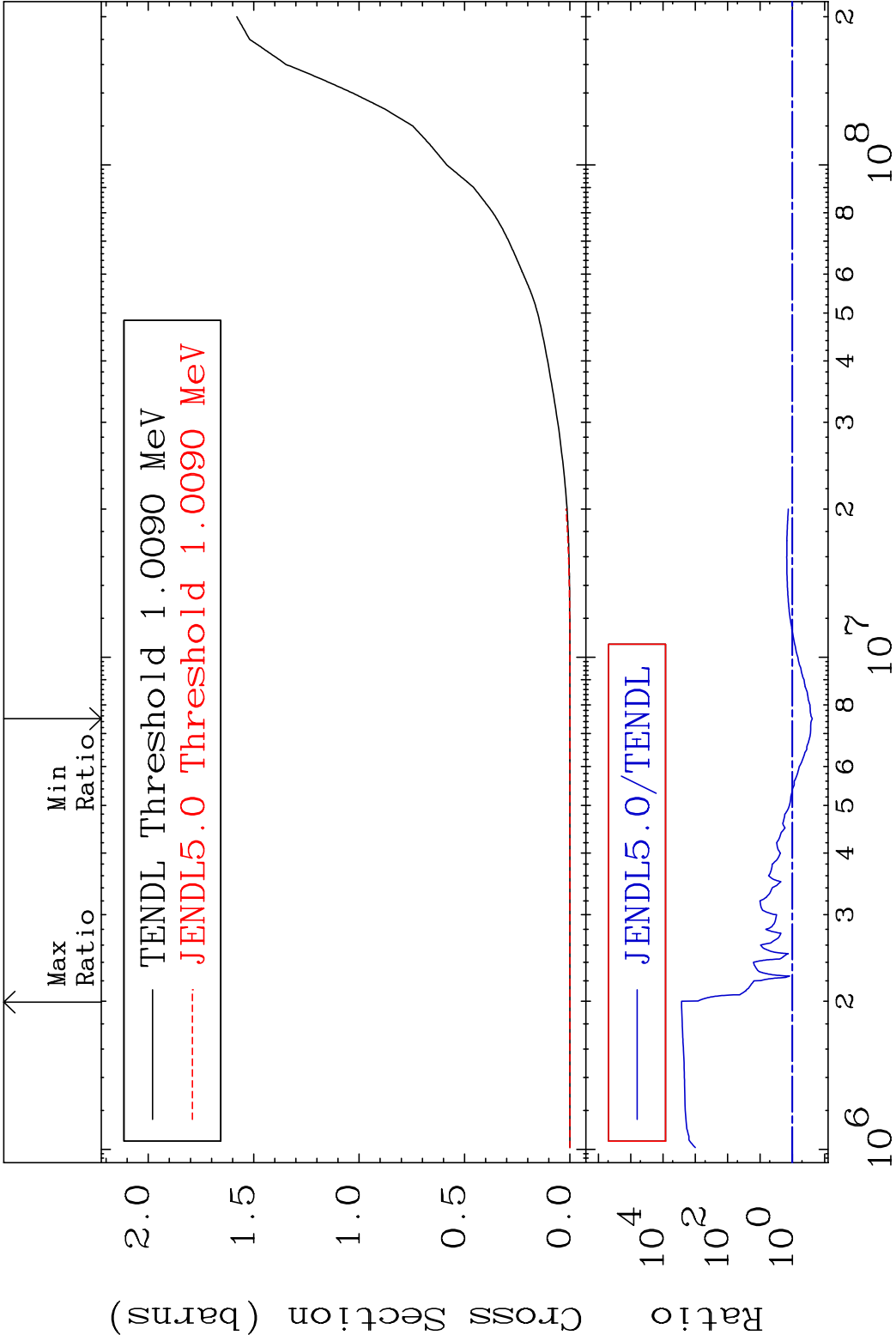


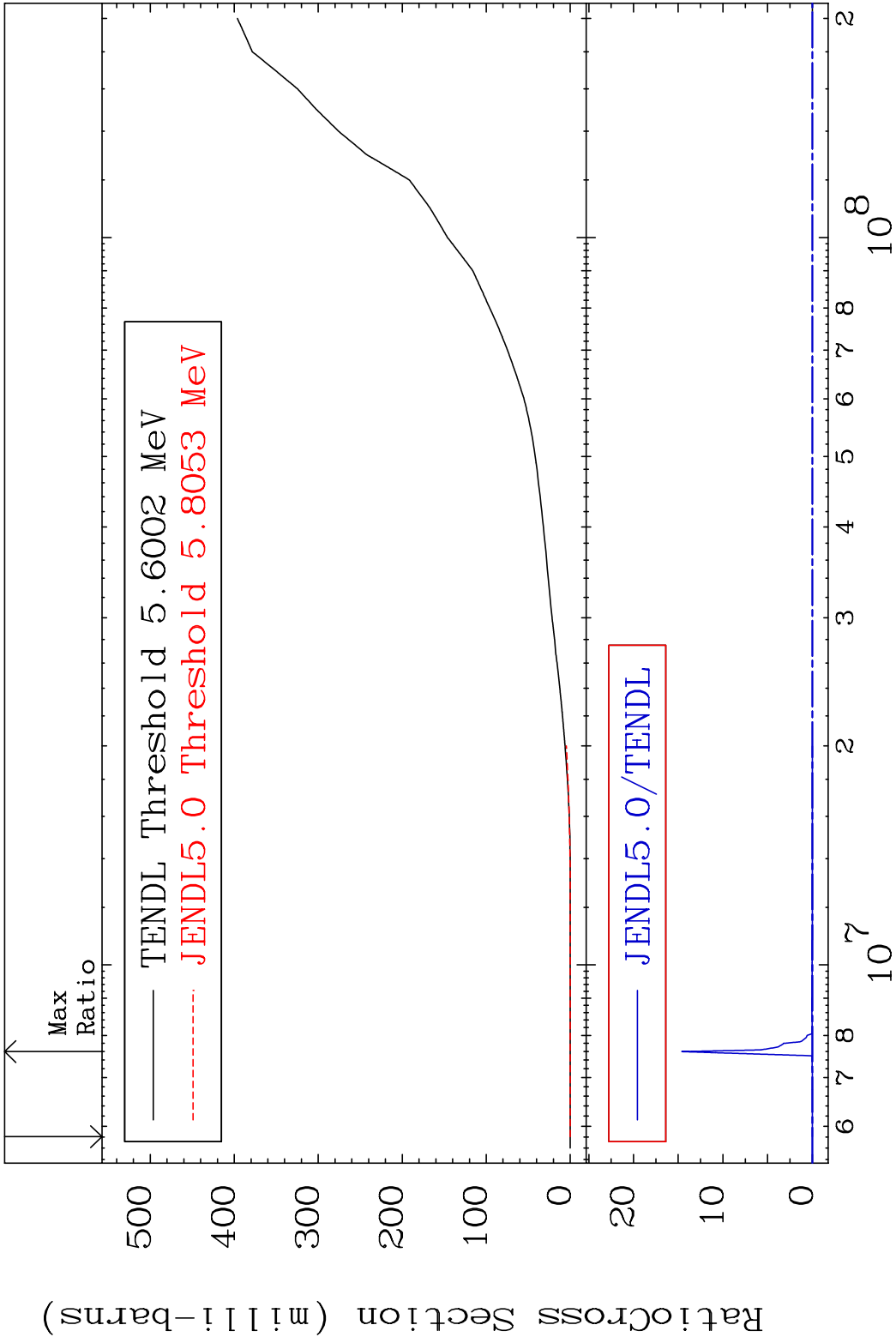


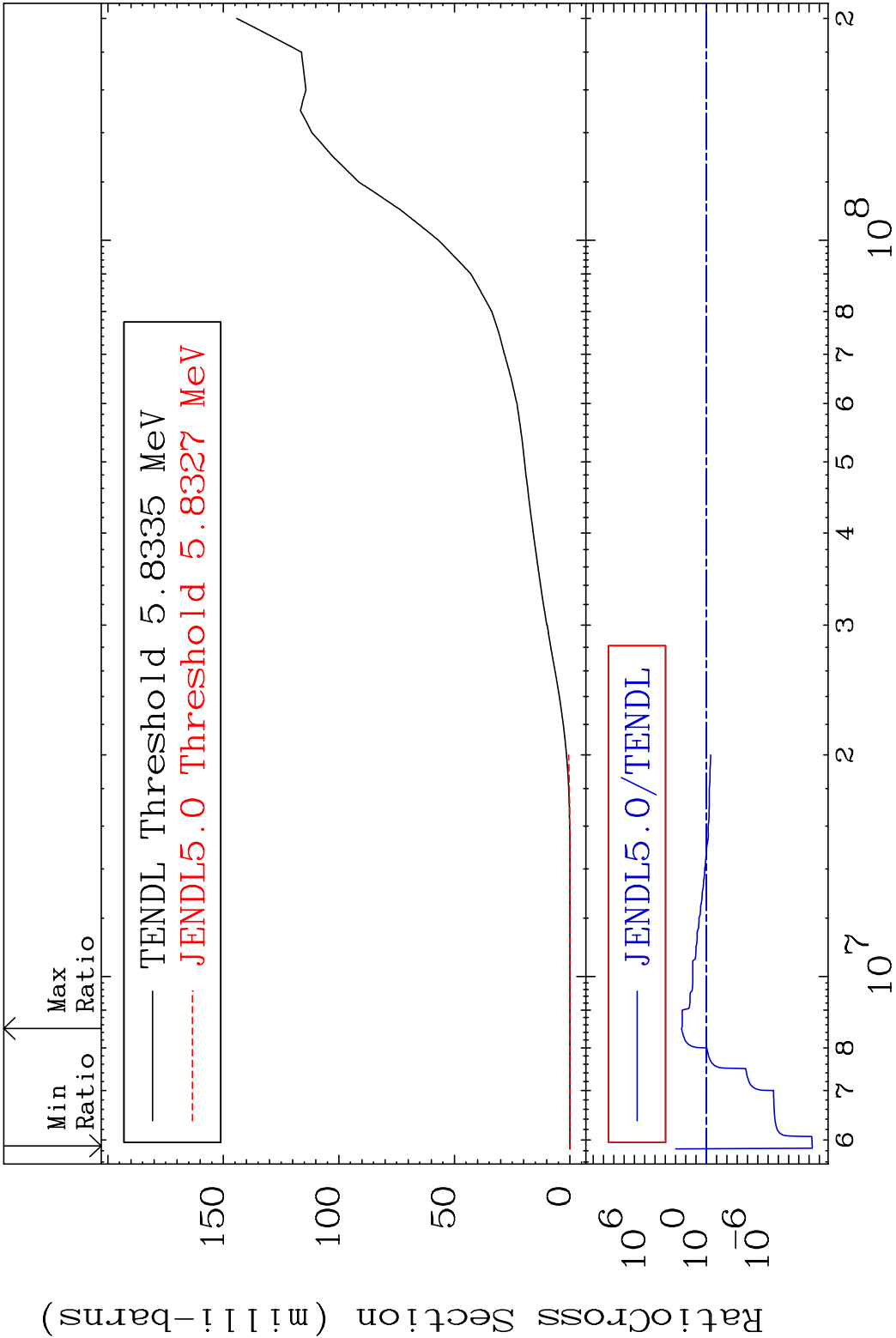


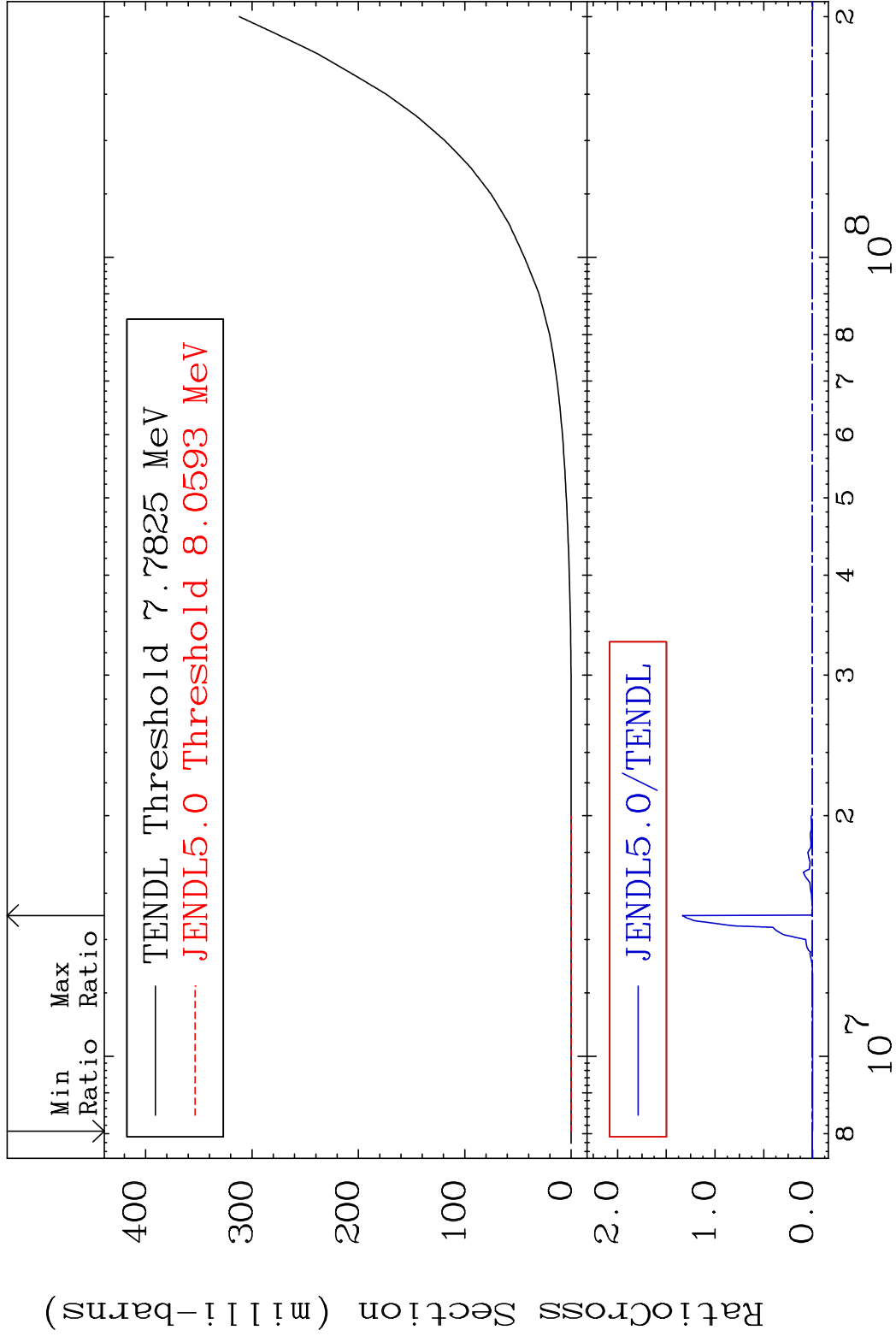


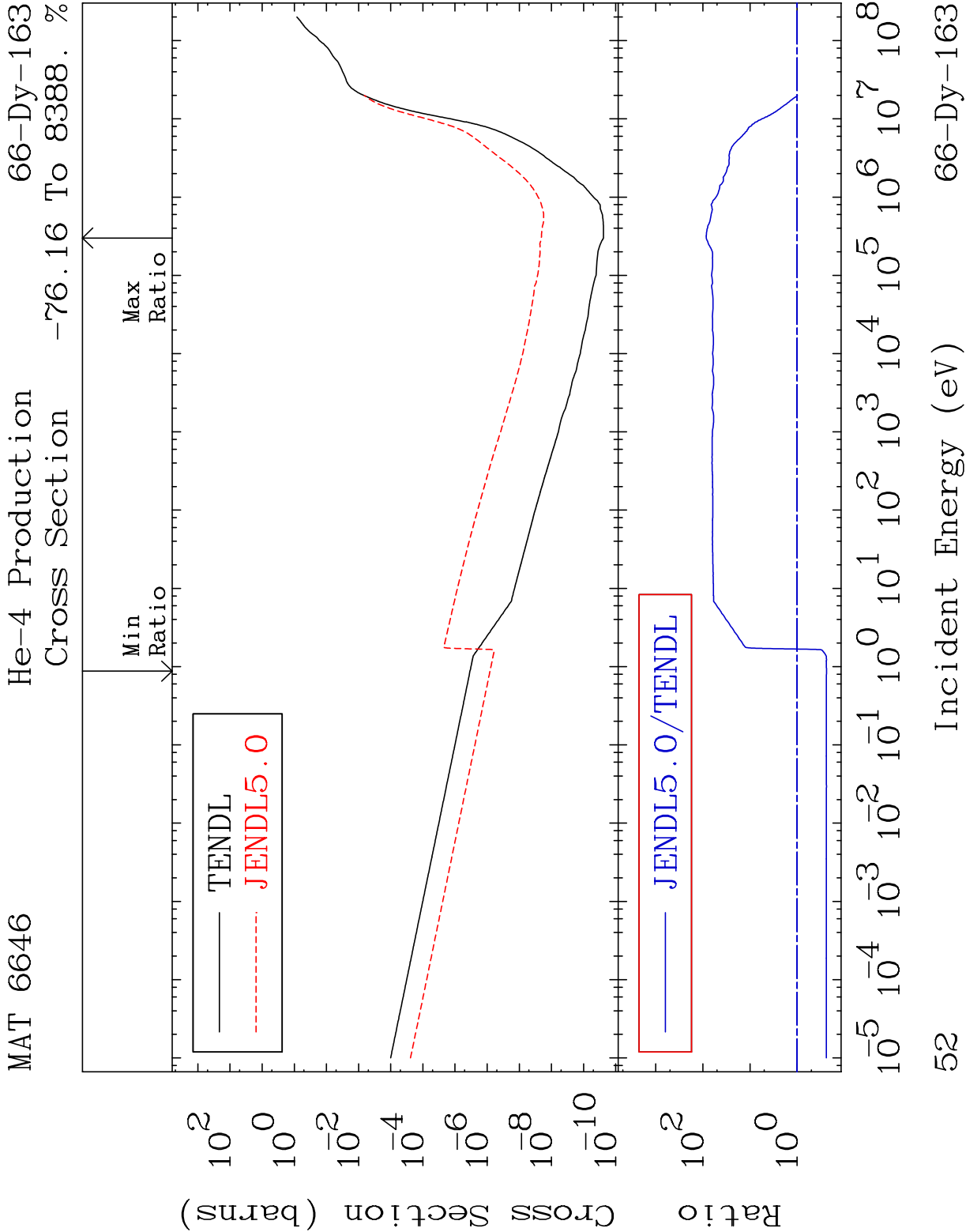




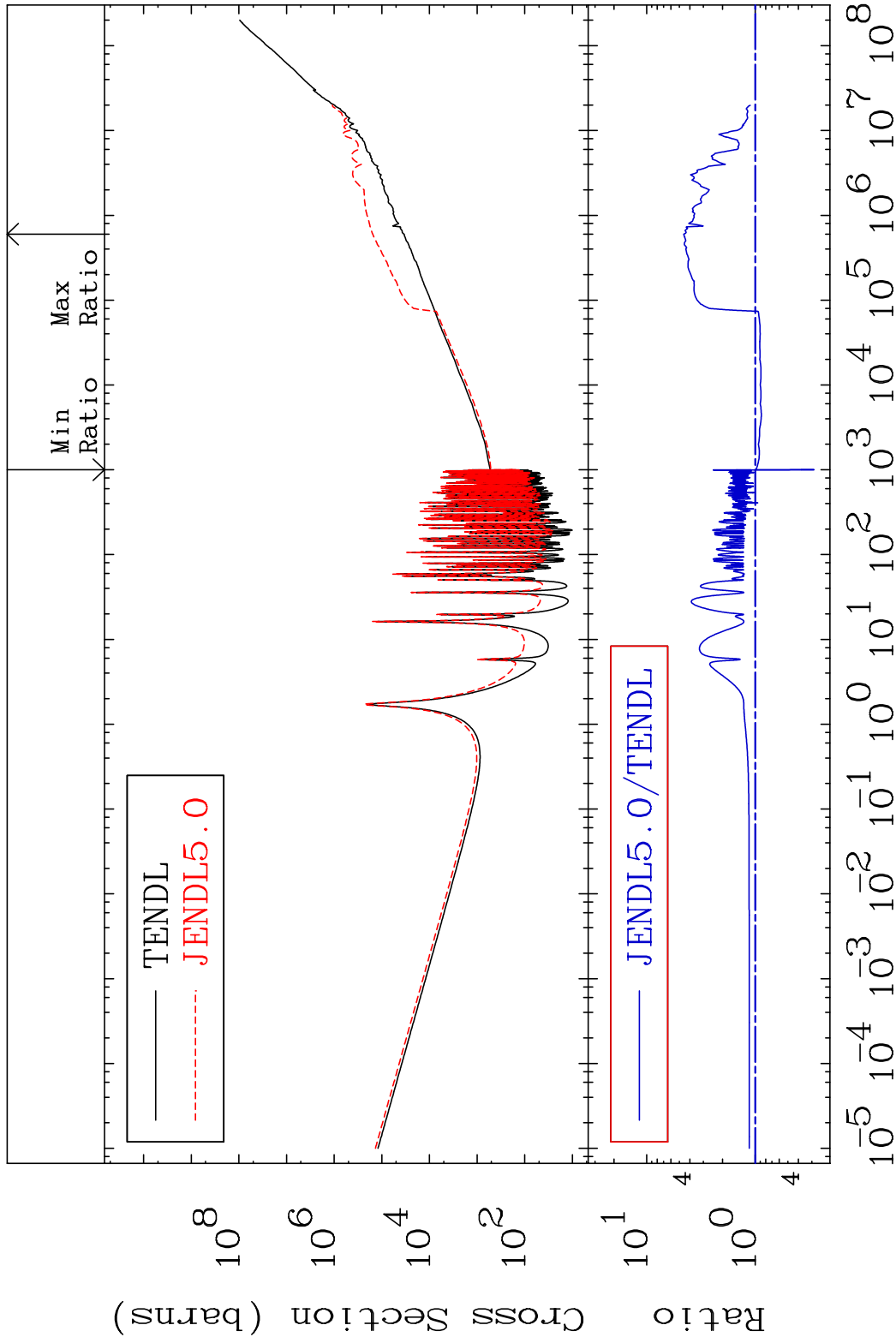






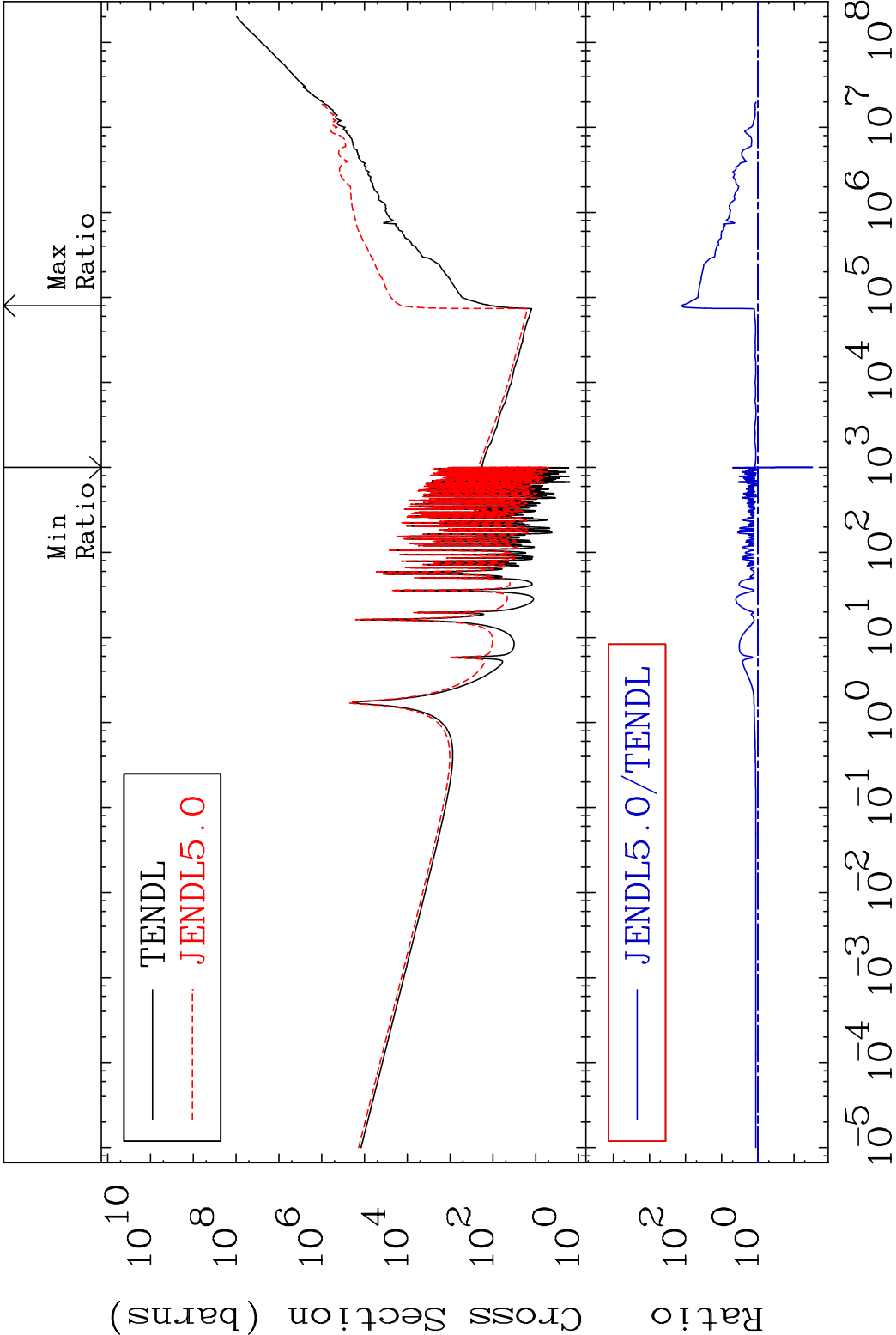


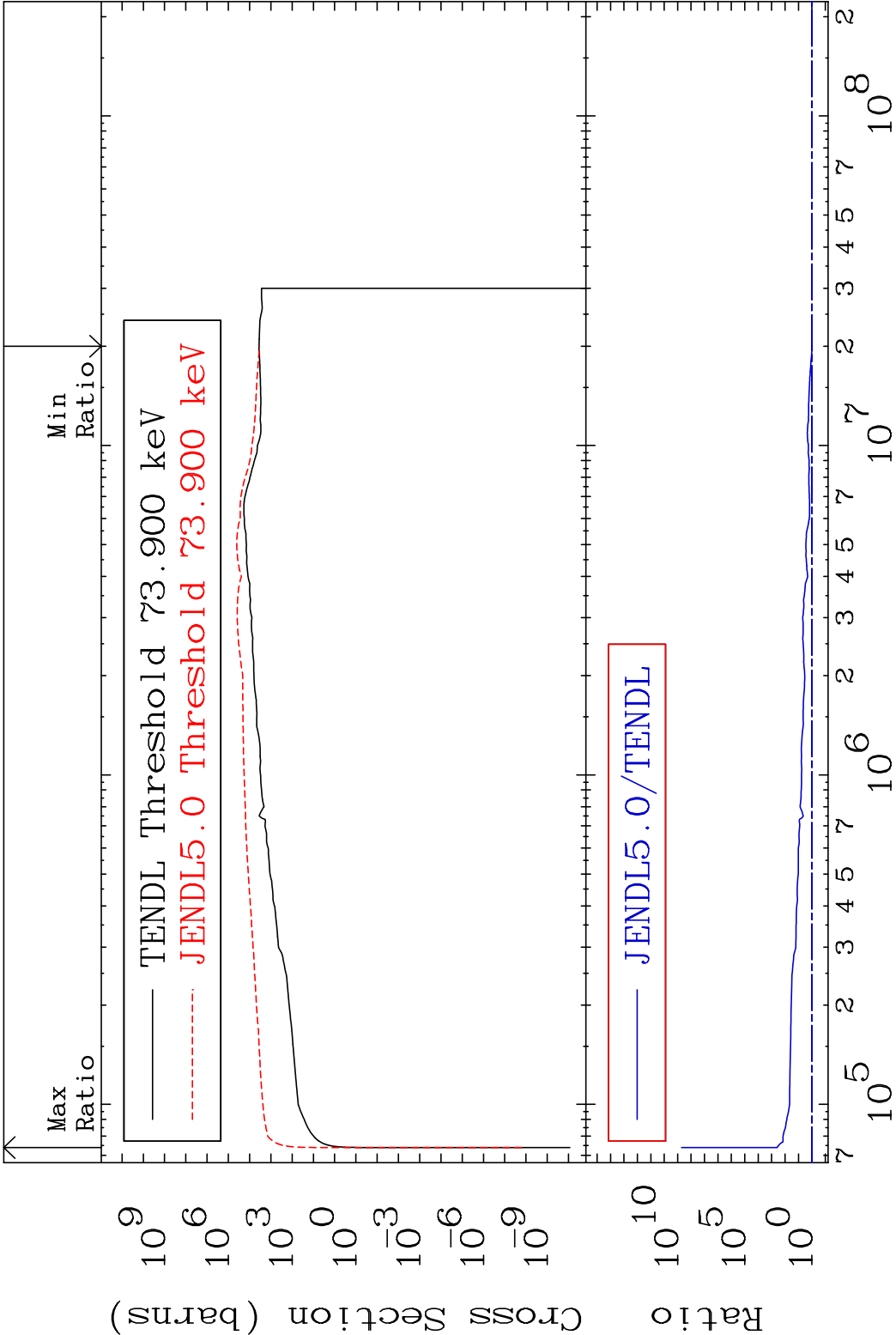
MAT 6646	Kerma total (eV-barns)	66-Dy-163
	Cross Section	-71.41 To 356.6 %



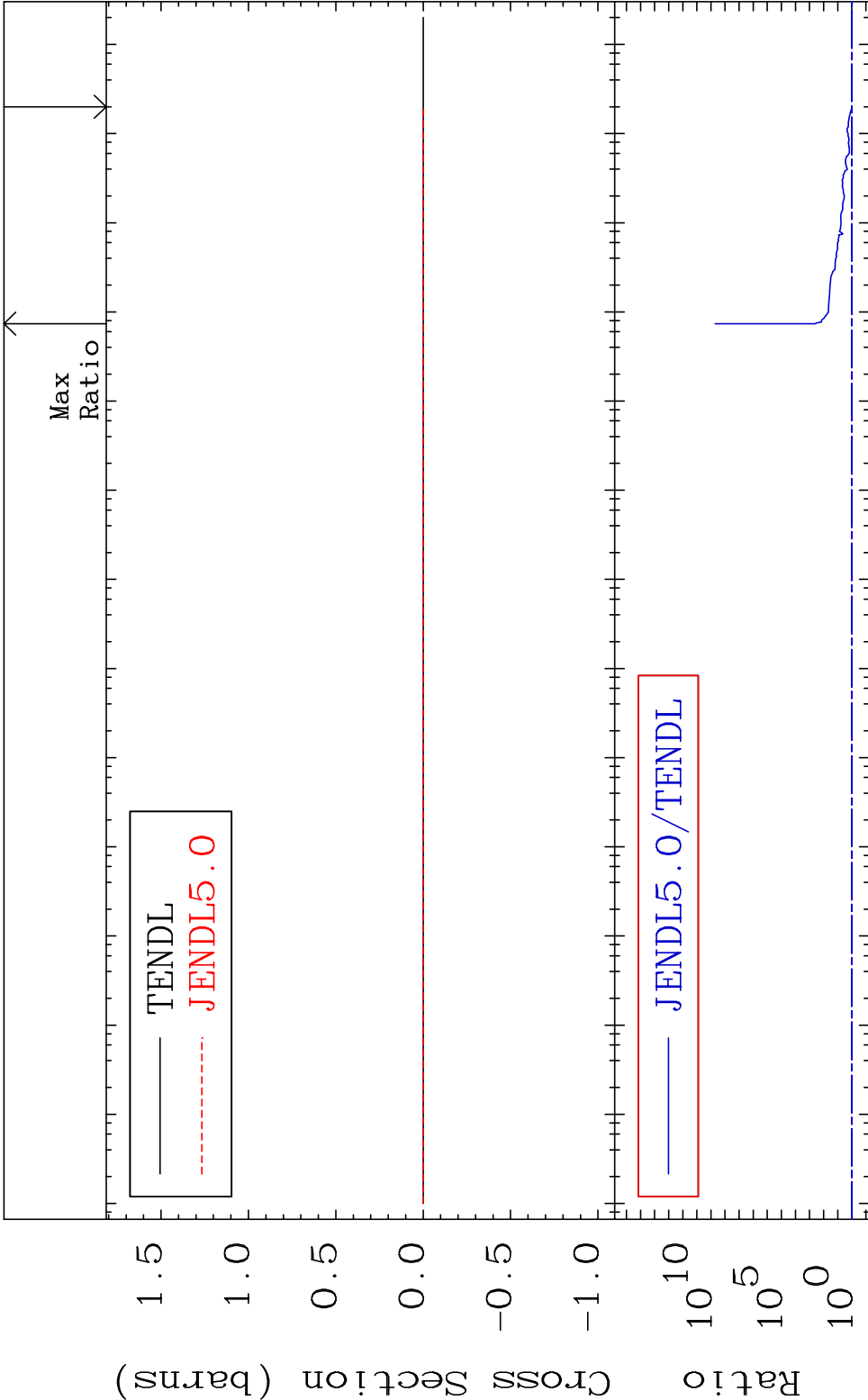
53	Incident Energy (eV)	66-Dy-163
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MAT 6646 Kerma non-elastic (all but mt2) 66-Dy-163
Cross Section -96.89 To 9999. %



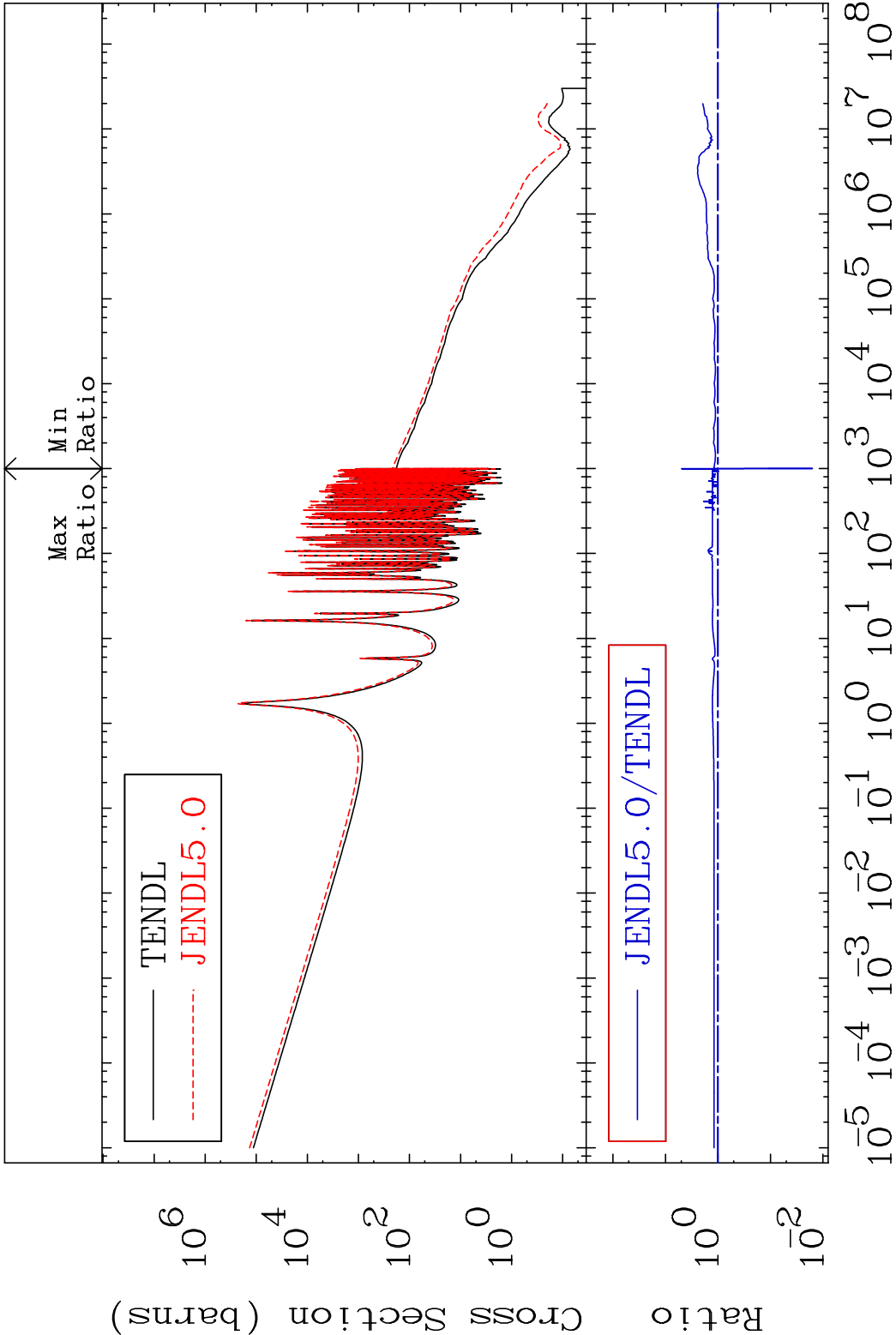


MAT 6646 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-163
Cross Section -5.813 To 9999. %



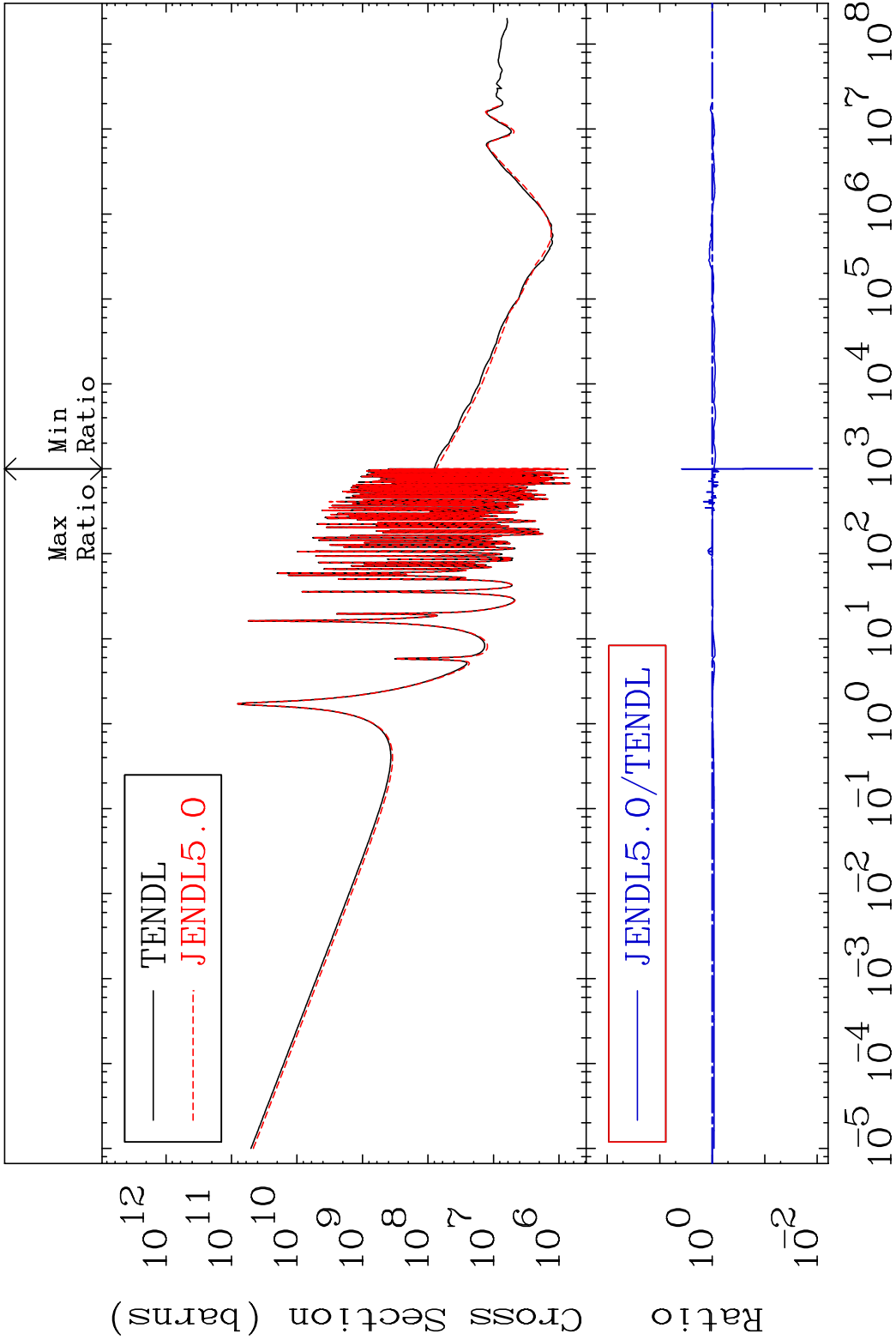
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
57 Incident Energy (eV) 66-Dy-163

MAT 6646 Kerma capture (mt102) 66-Dy-163
Cross Section -98.41 To 389.5 %



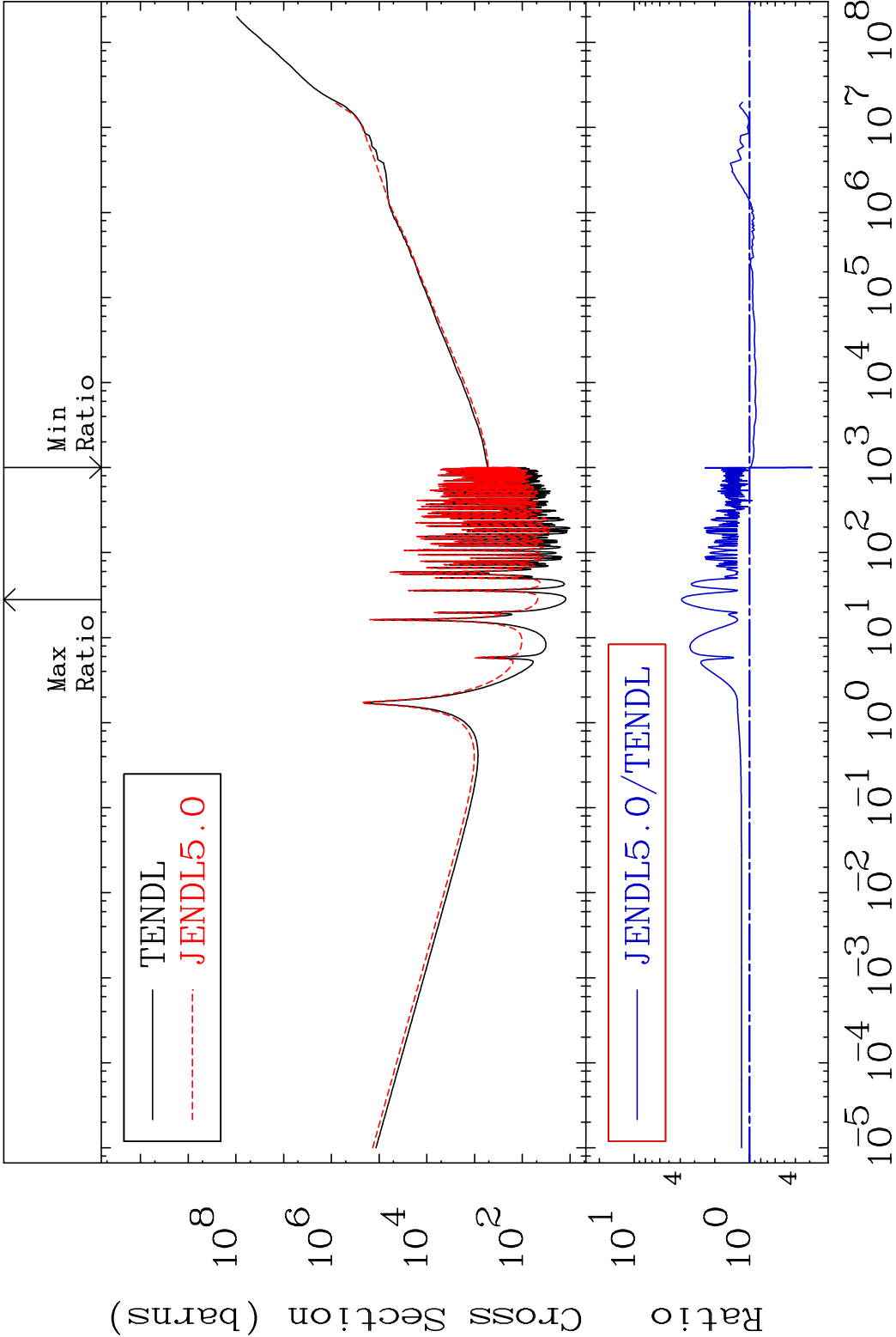
58 Incident Energy (eV) 66-Dy-163

MAT 6646 Total photon (eV-barns) 66-Dy-163
Cross Section -98.76 To 280.8 %



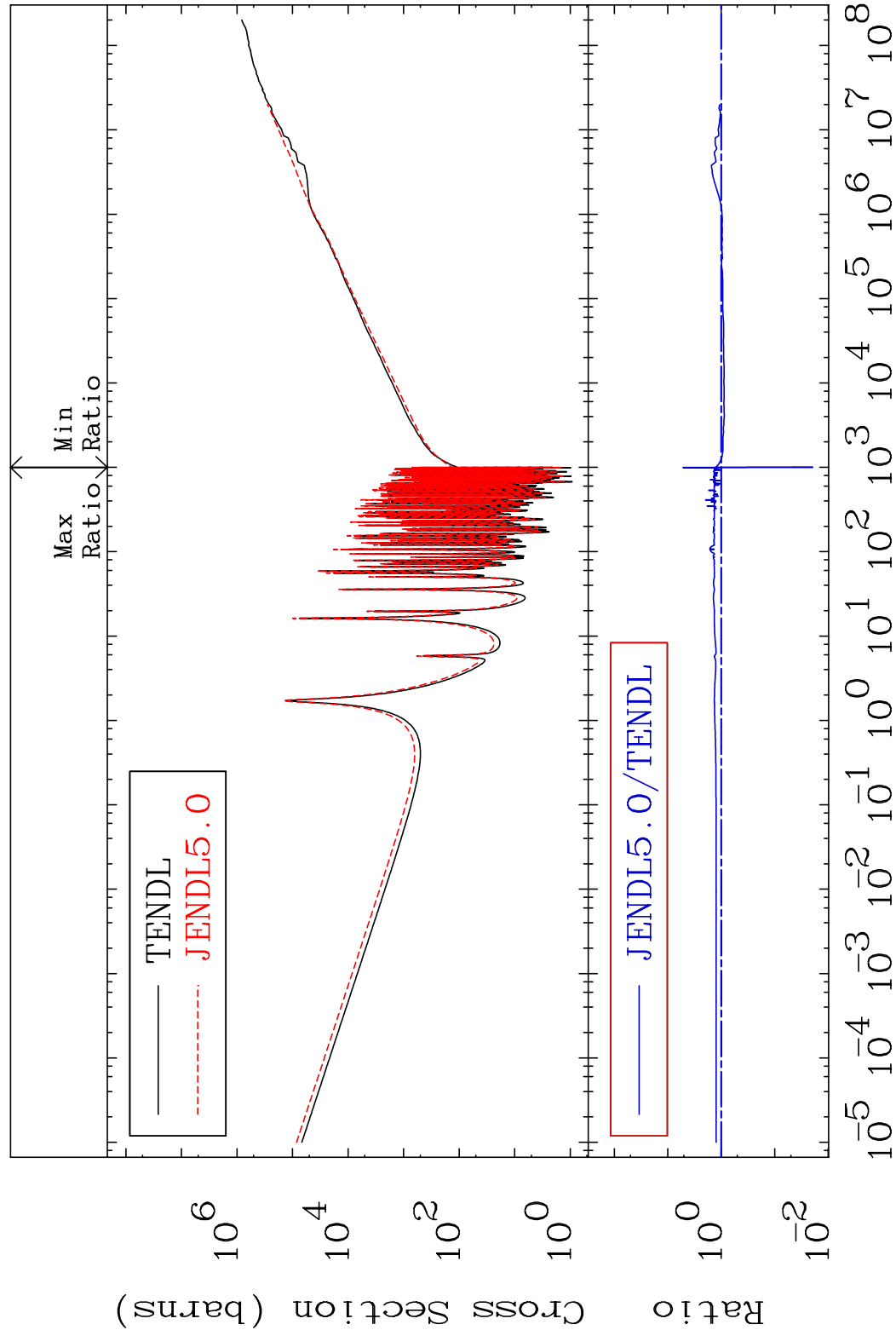
59 Incident Energy (eV) 66-Dy-163

MAT 6646 Total kinematic kerma (high limit) 66-Dy-163
Cross Section -71.41 To 288.7 %

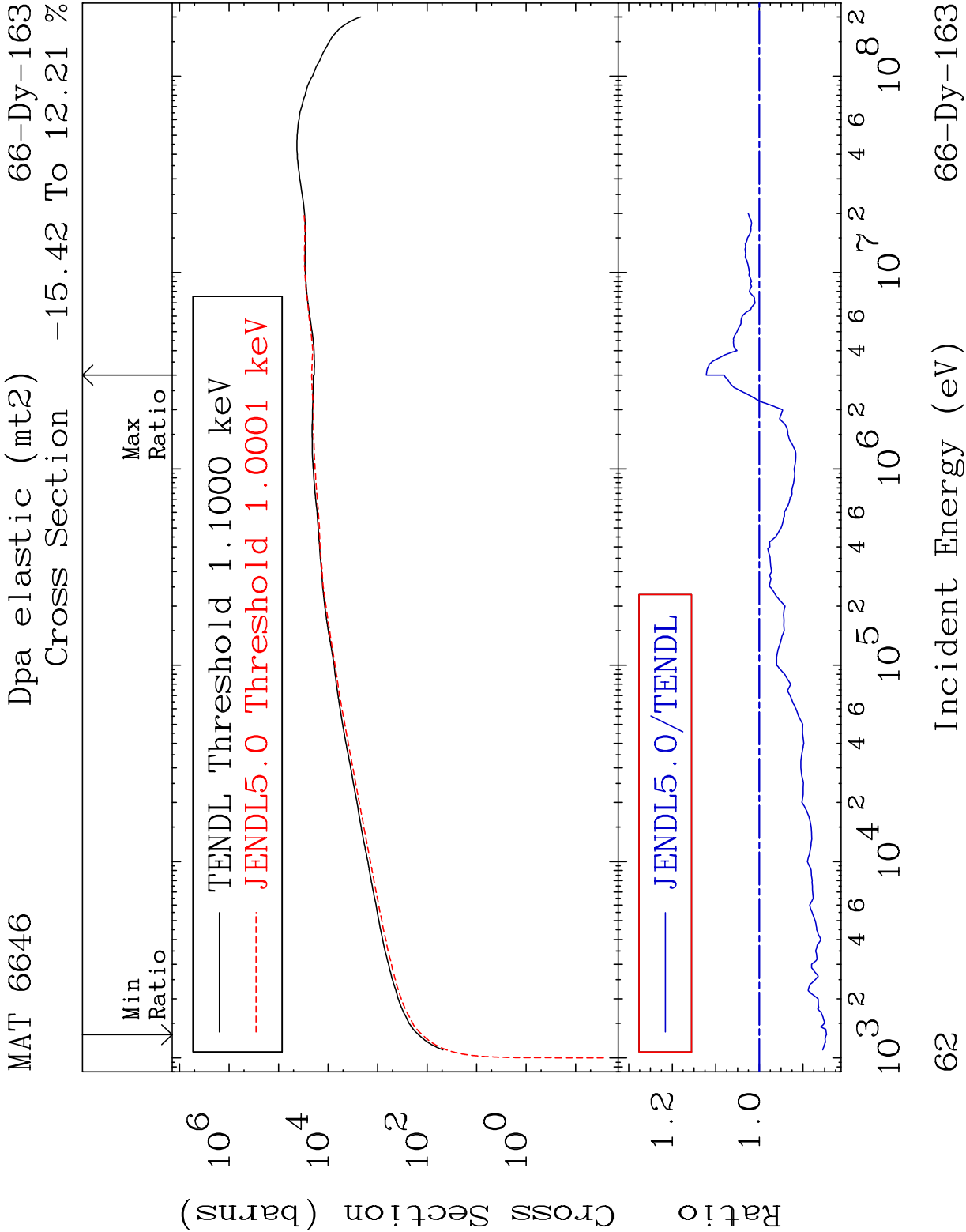


66-Dy-163

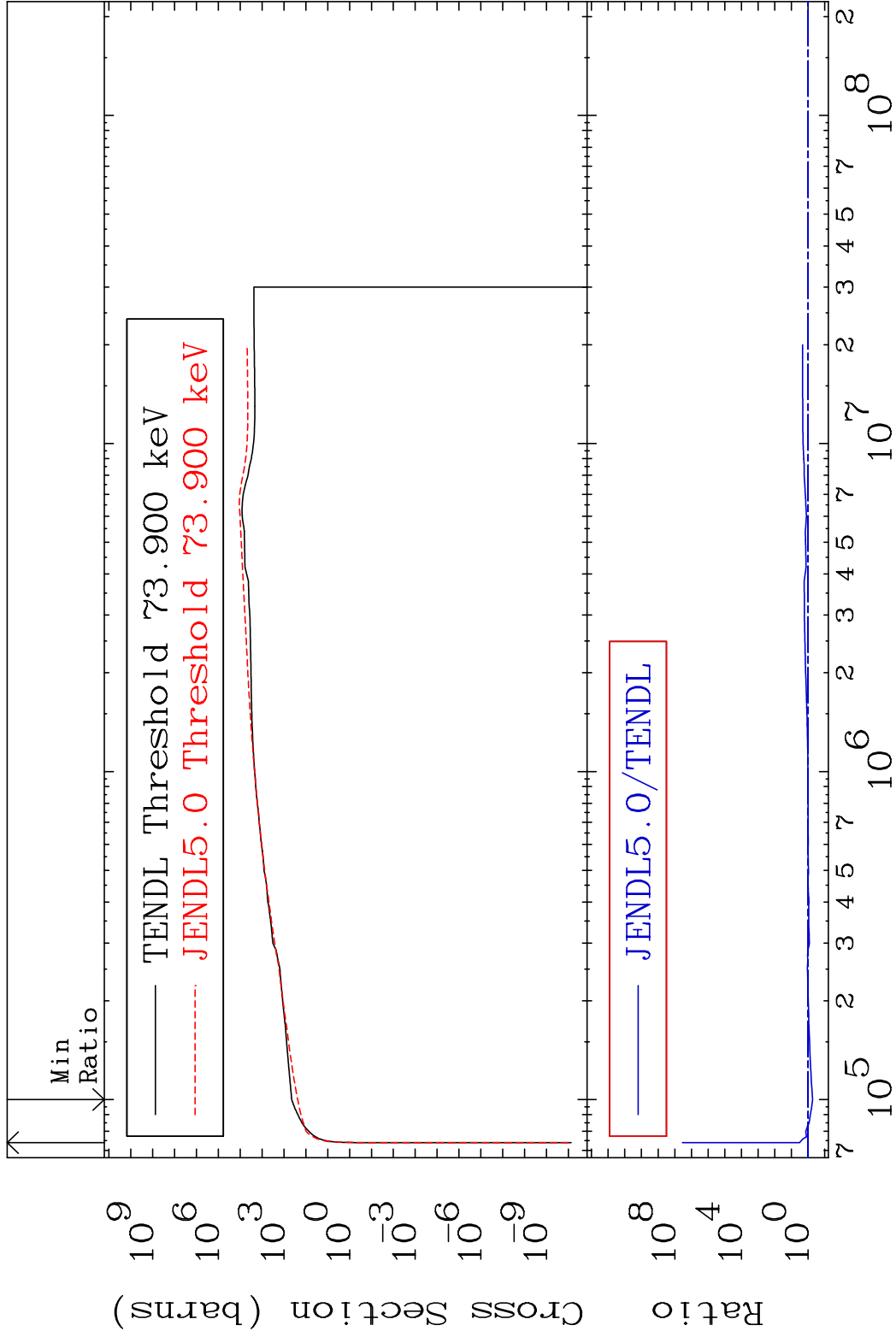
MAT 6646 Dpa total (eV-barns) 66-Dy-163
 Cross Section -98.07 To 415.0 %



61 Incident Energy (eV) 66-Dy-163

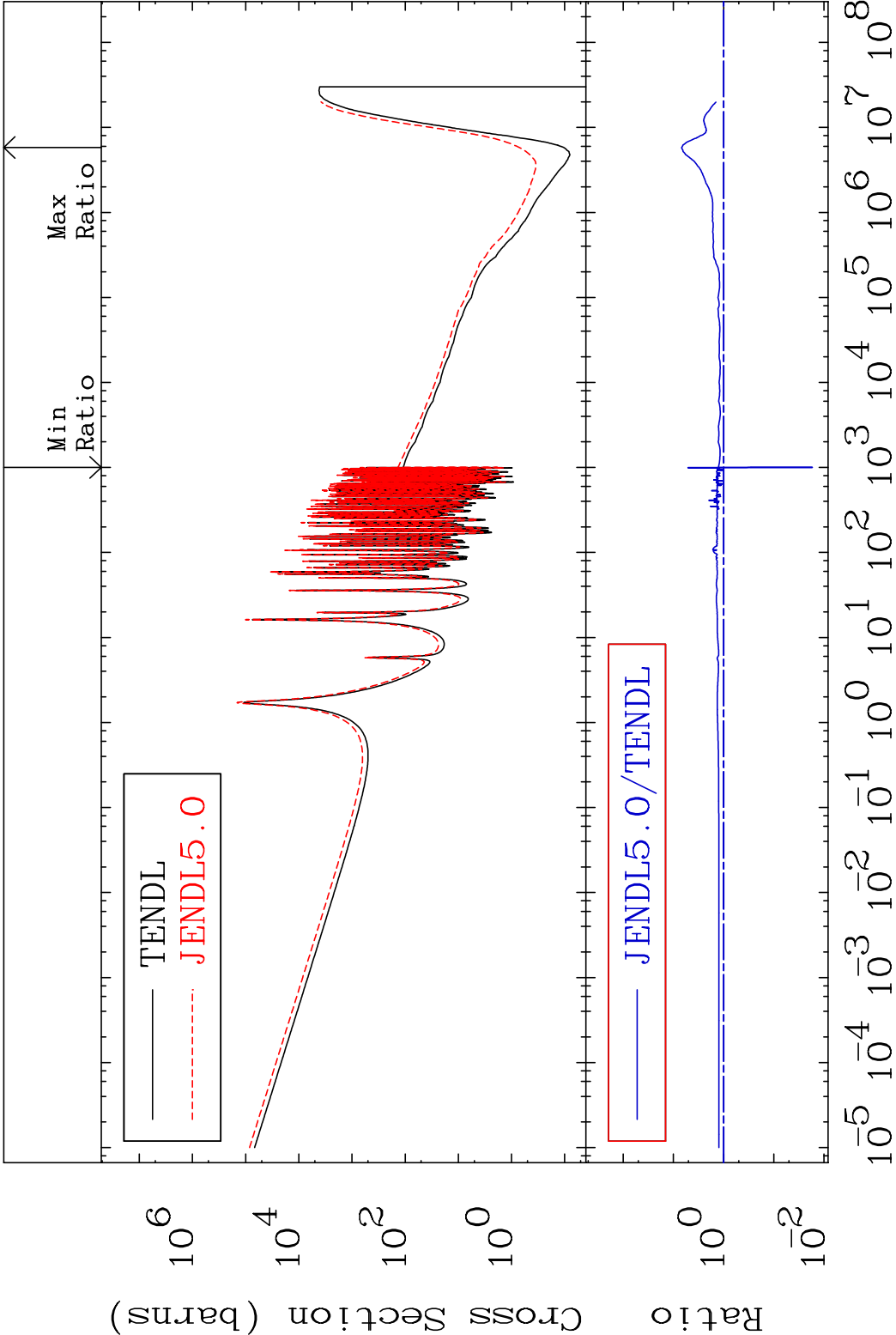


MAT 6646 Dpa inelastic (mt51-91) 66-Dy-163
Cross Section -46.30 To 9999. %



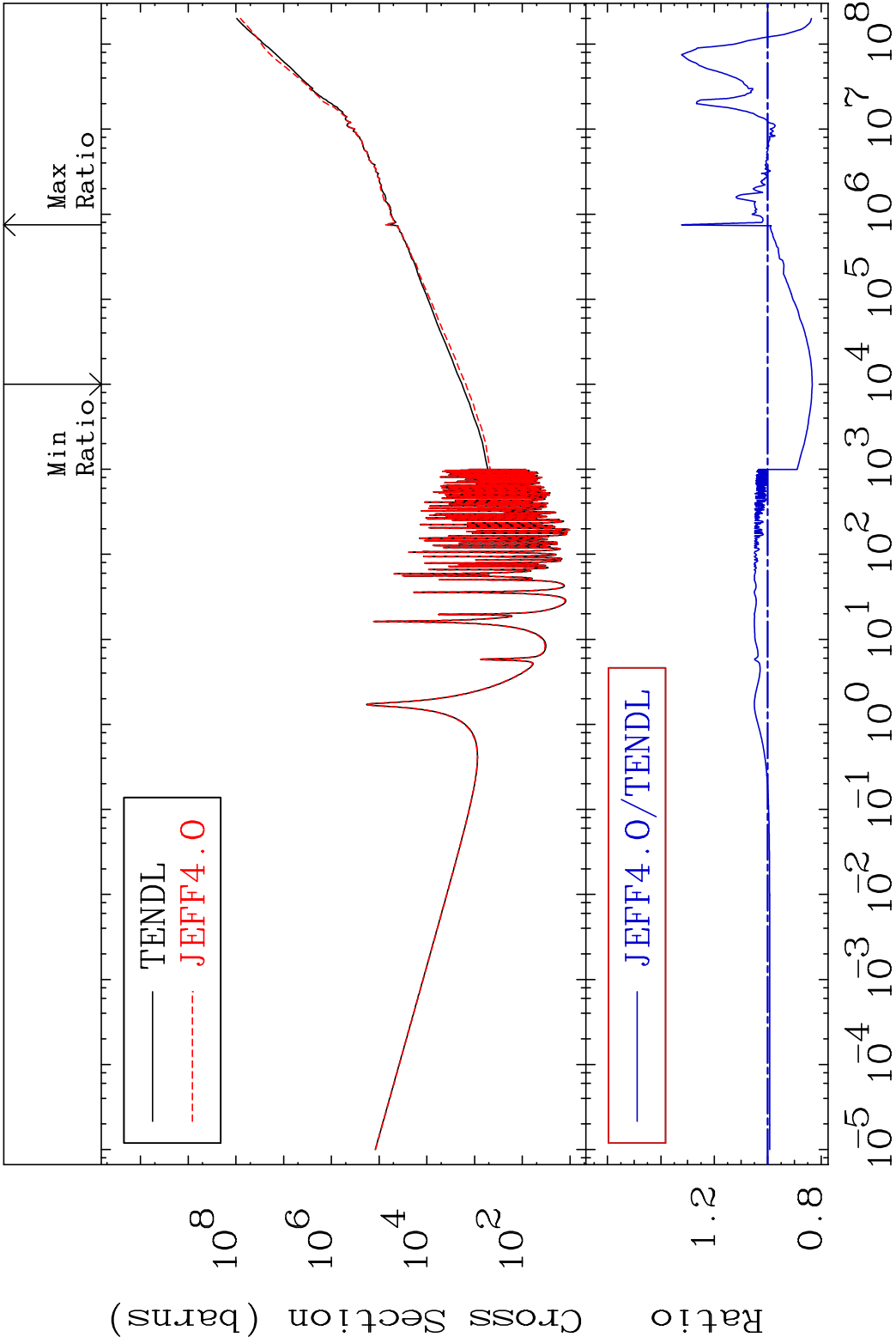
63 Incident Energy (eV) 66-Dy-163

MAT 6646 Dpa disappearance (mt102 -120) 66-Dy-163
Cross Section -98.28 To 588.7 %

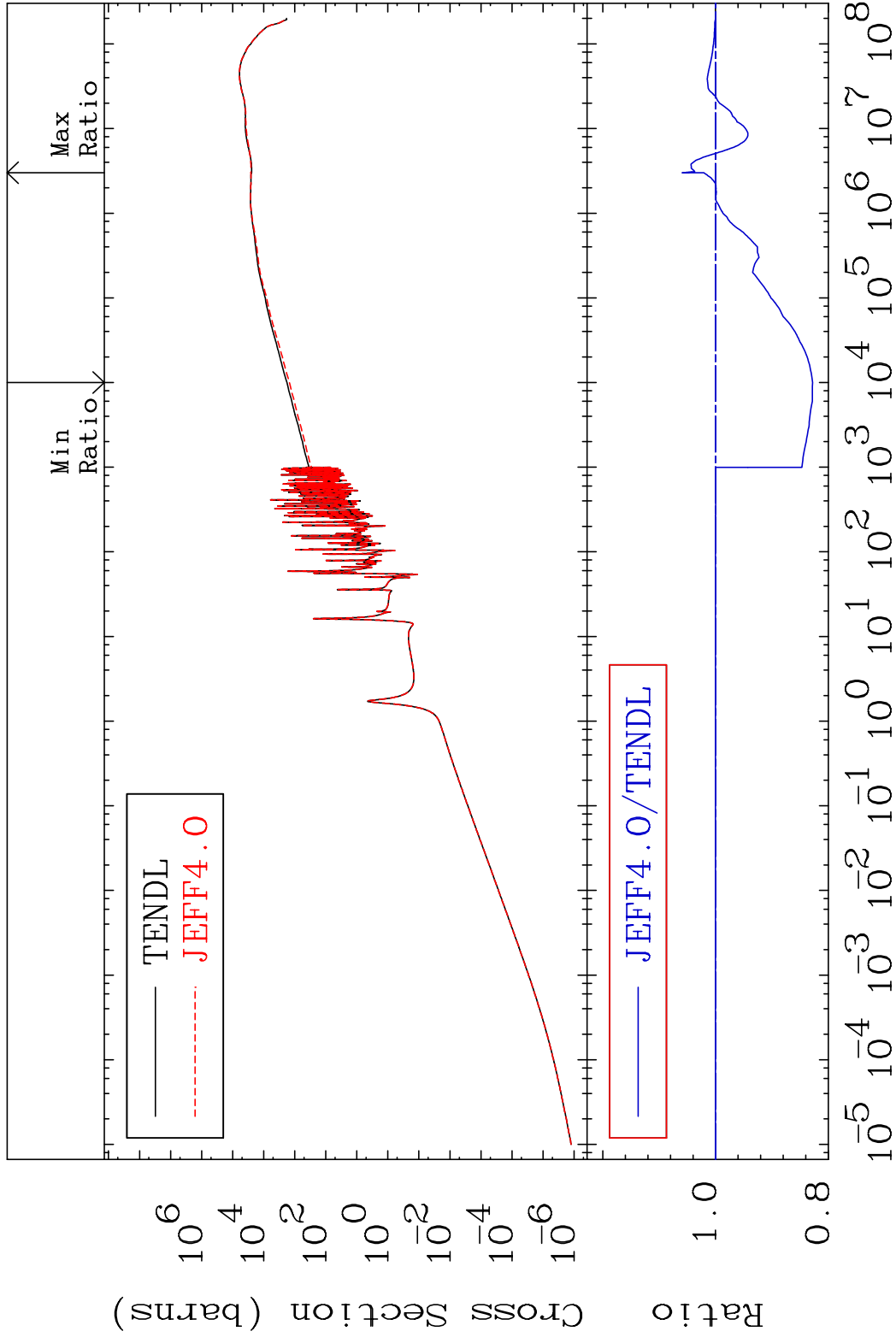


64 Incident Energy (eV) 66-Dy-163

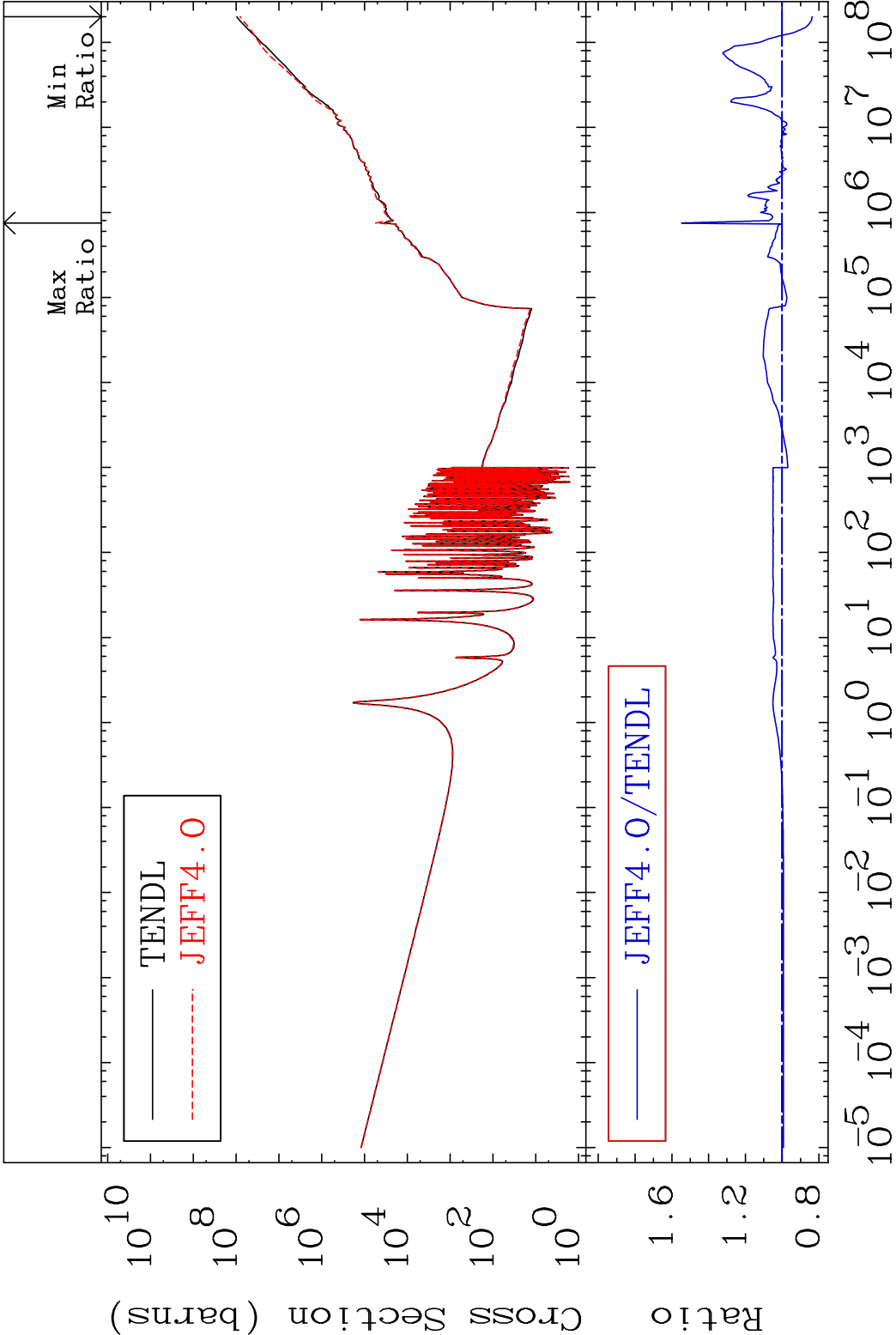
MAT 6646	Kerma total (eV-barns)	66-Dy-163
	Cross Section	-16.68 To 32.26 %



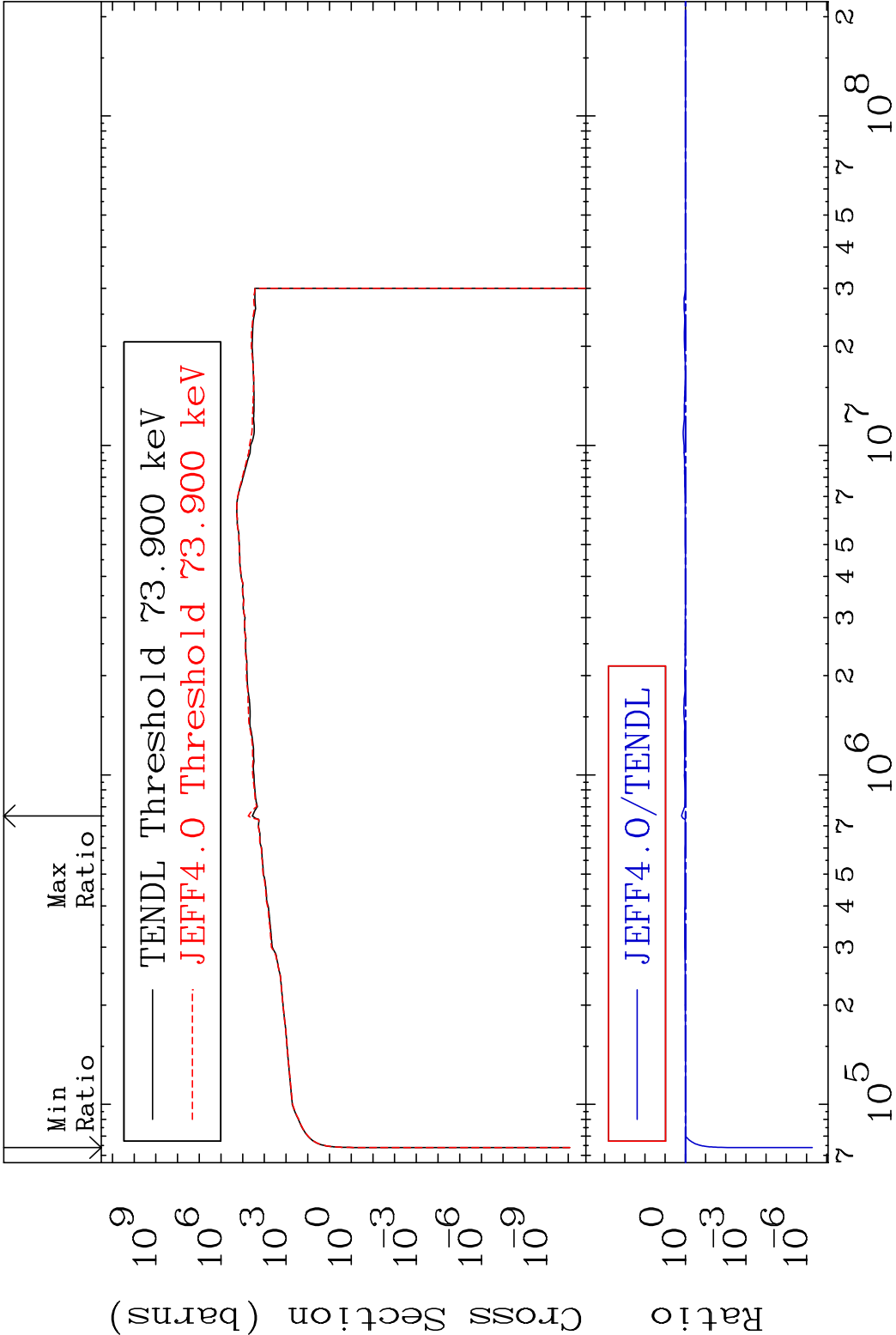
MAT 6646 Kerma elastic 66-Dy-163
Cross Section -17.19 To 5.886 %



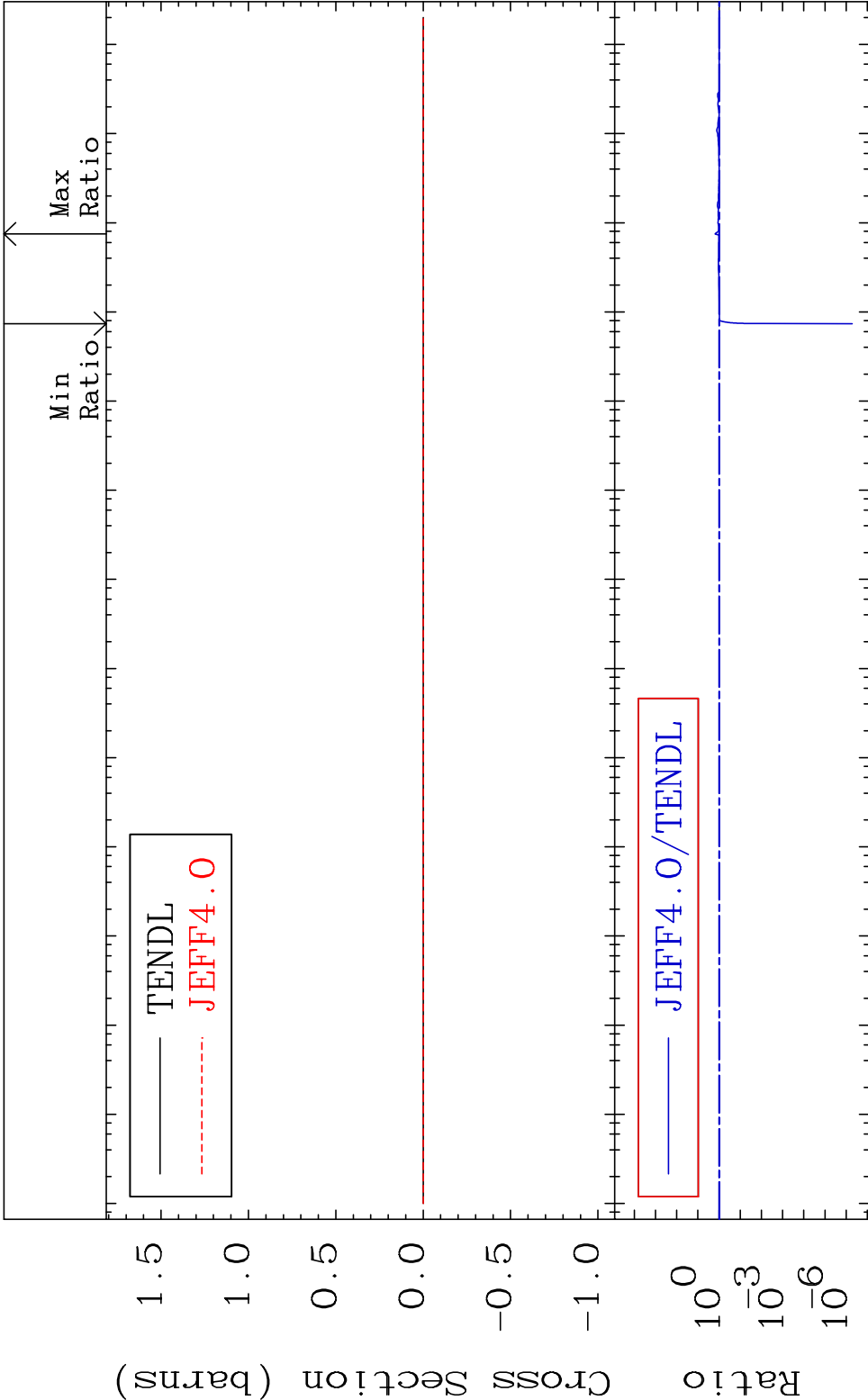
MAT 6646 Kerma non-elastic (all but mt2) 66-Dy-163
Cross Section -16.38 To 54.73 %



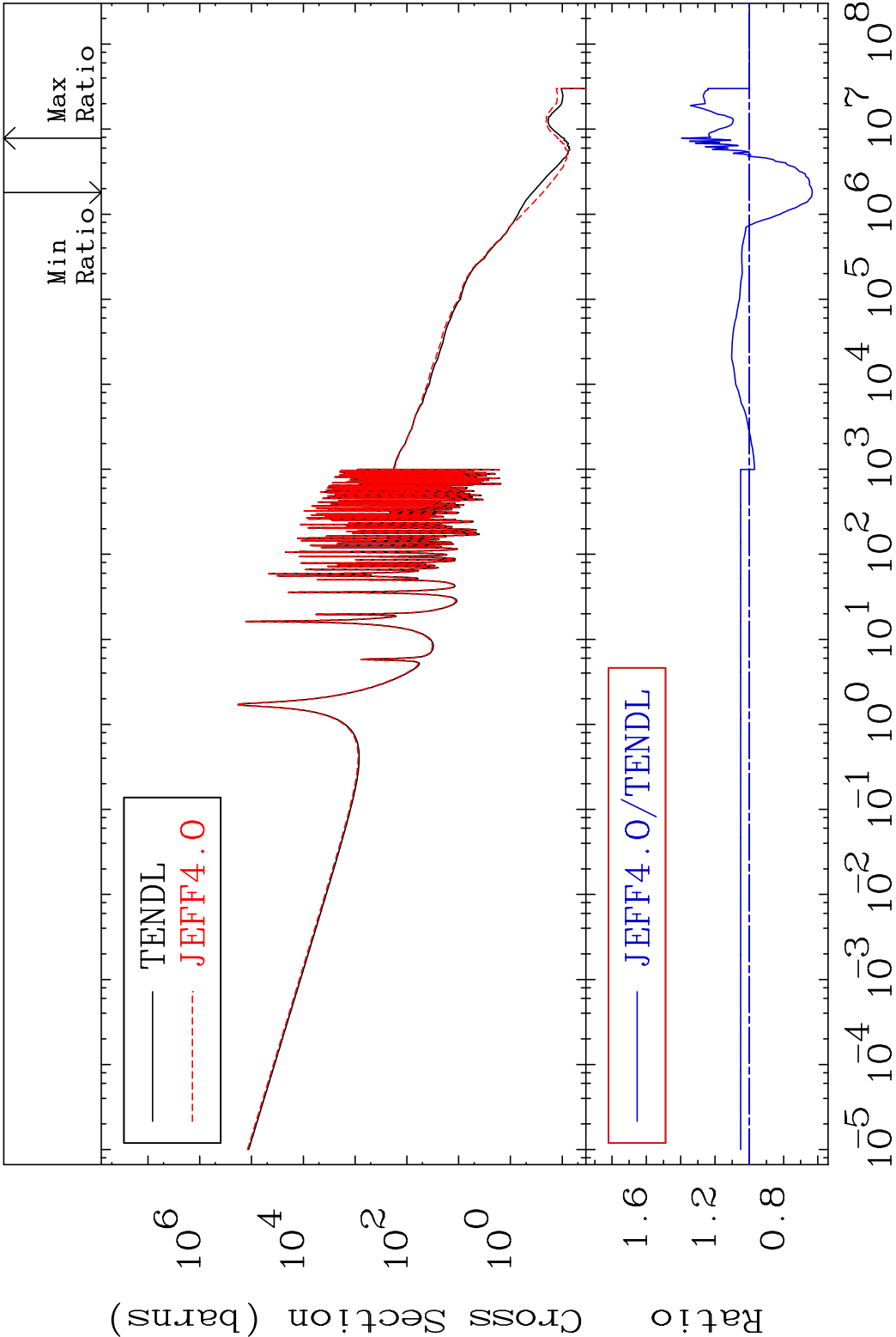
67 Incident Energy (eV) 66-Dy-163



MAT 6646 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-163
Cross Section -100.0 To 54.73 %

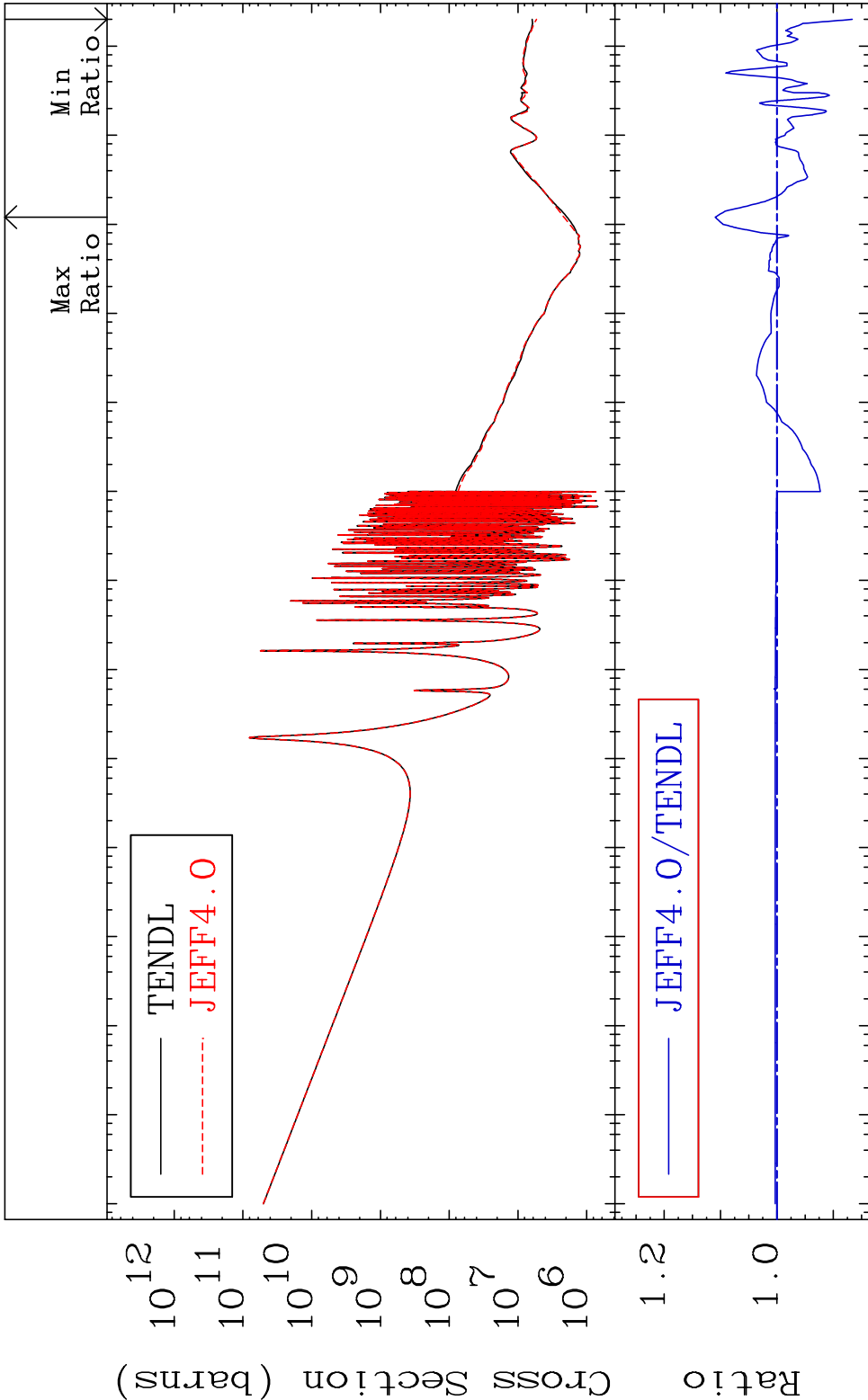


MAT 6646	Kerma capture (mt102)	66-Dy-163
	Cross Section	-36.71 To 39.49 %



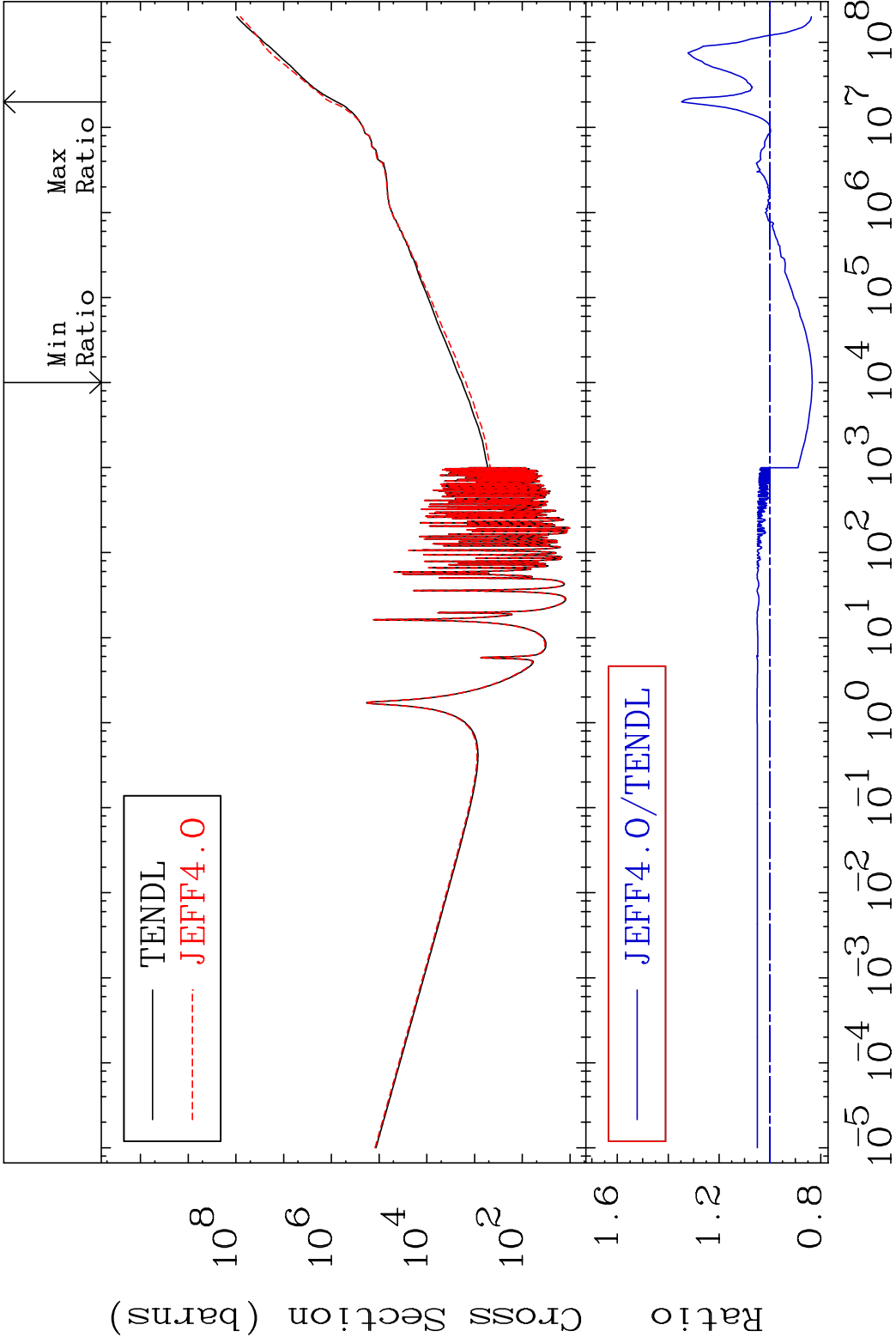
70	Incident Energy (eV)	66-Dy-163
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MAT 6646 Total photon (eV-barns) 66-Dy-163
 Cross Section -13.35 To 10.96 %

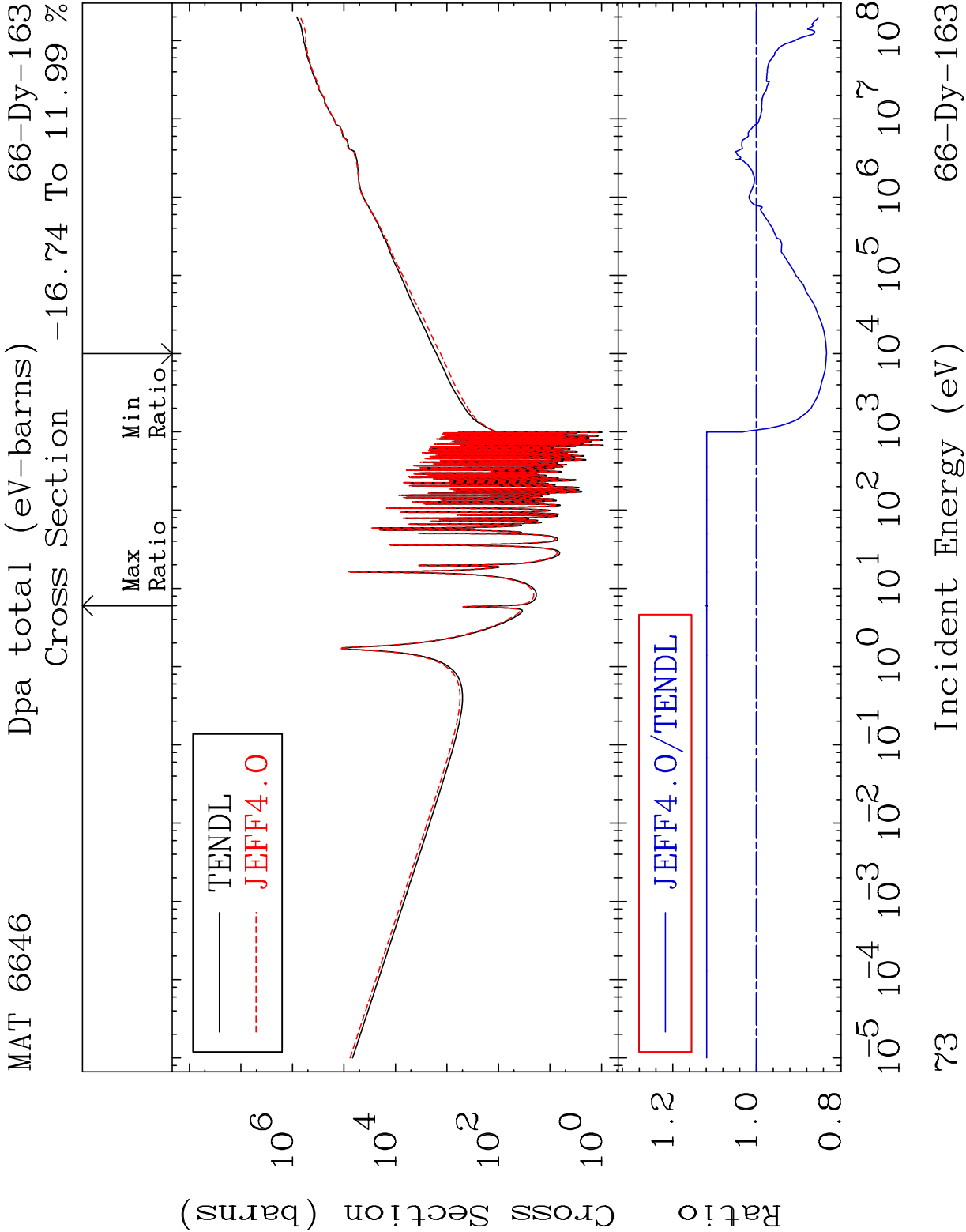


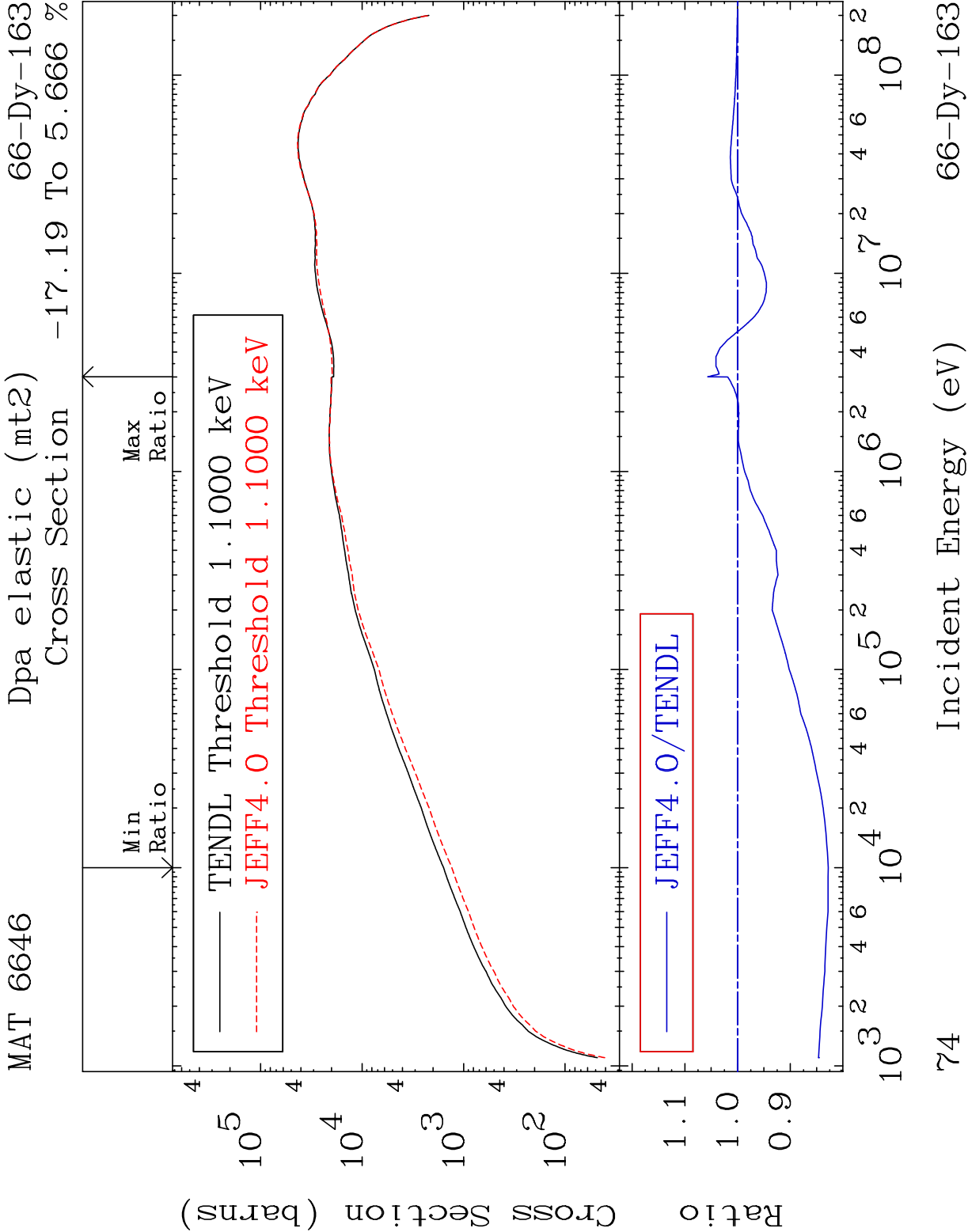
71 Incident Energy (eV) 66-Dy-163

MAT 6646 Total kinematic kerma (high limit) 66-Dy-163
Cross Section -16.68 To 34.75 %



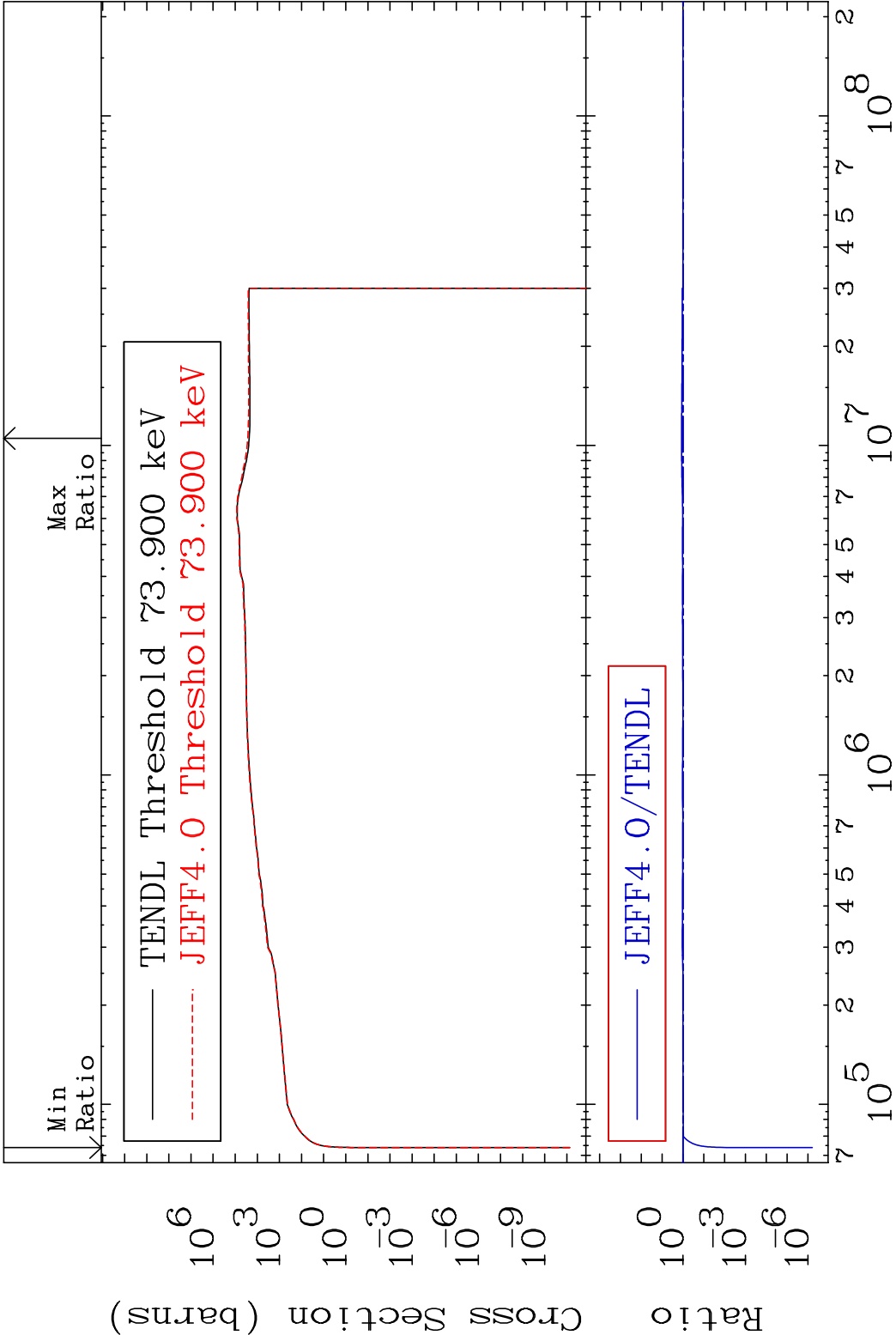
72 Incident Energy (eV) 66-Dy-163





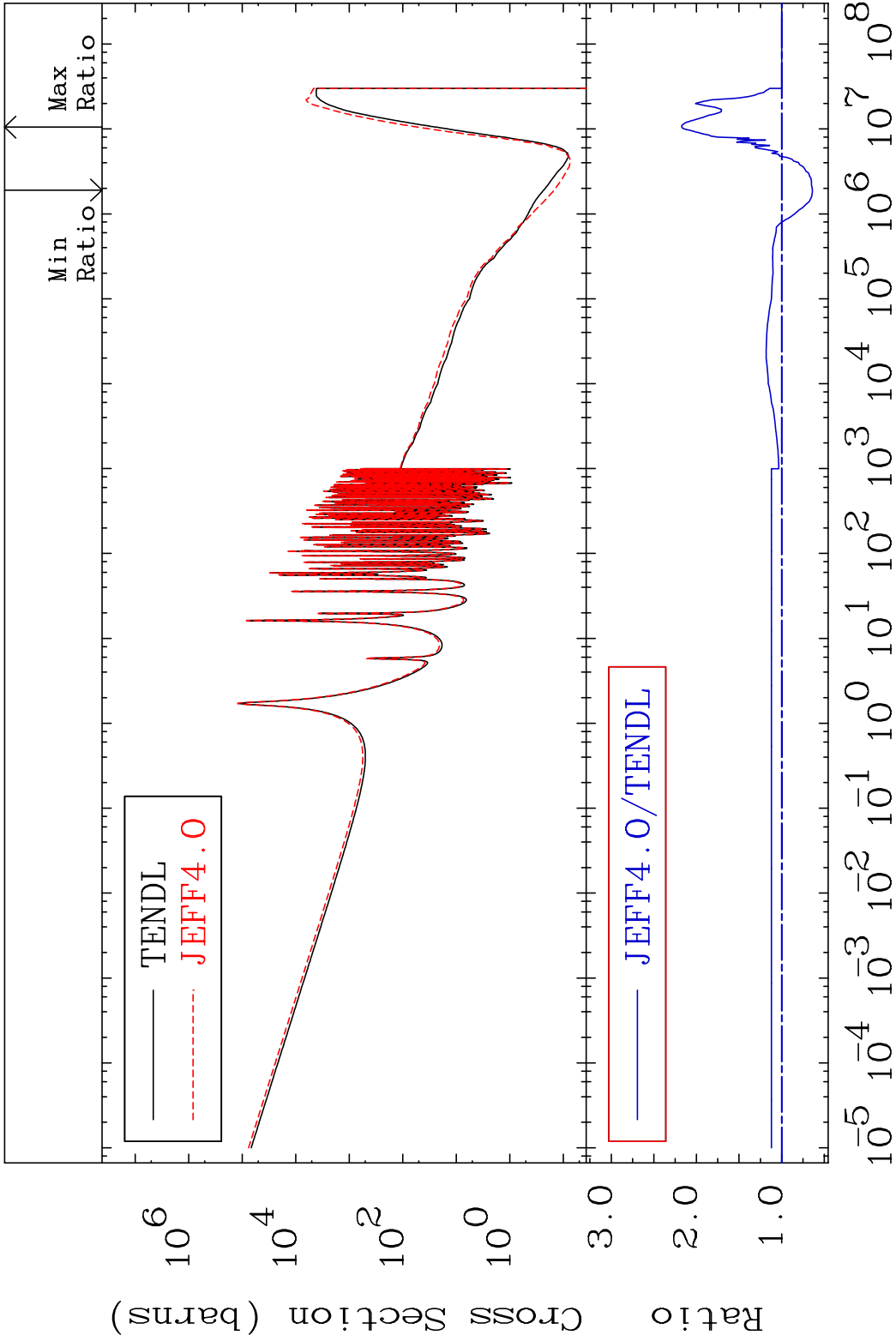
MAT 6646 Dpa inelastic (mt51-91) 66-Dy-163

Cross Section -100.0 To 16.99 %



75 Incident Energy (eV) 66-Dy-163

MAT 6646 Dpa disappearance (mt102 -120) 66-Dy-163
Cross Section -35.99 To 117.3 %



76 Incident Energy (eV) 66-Dy-163