

Program Complot
(Version 2021-1)

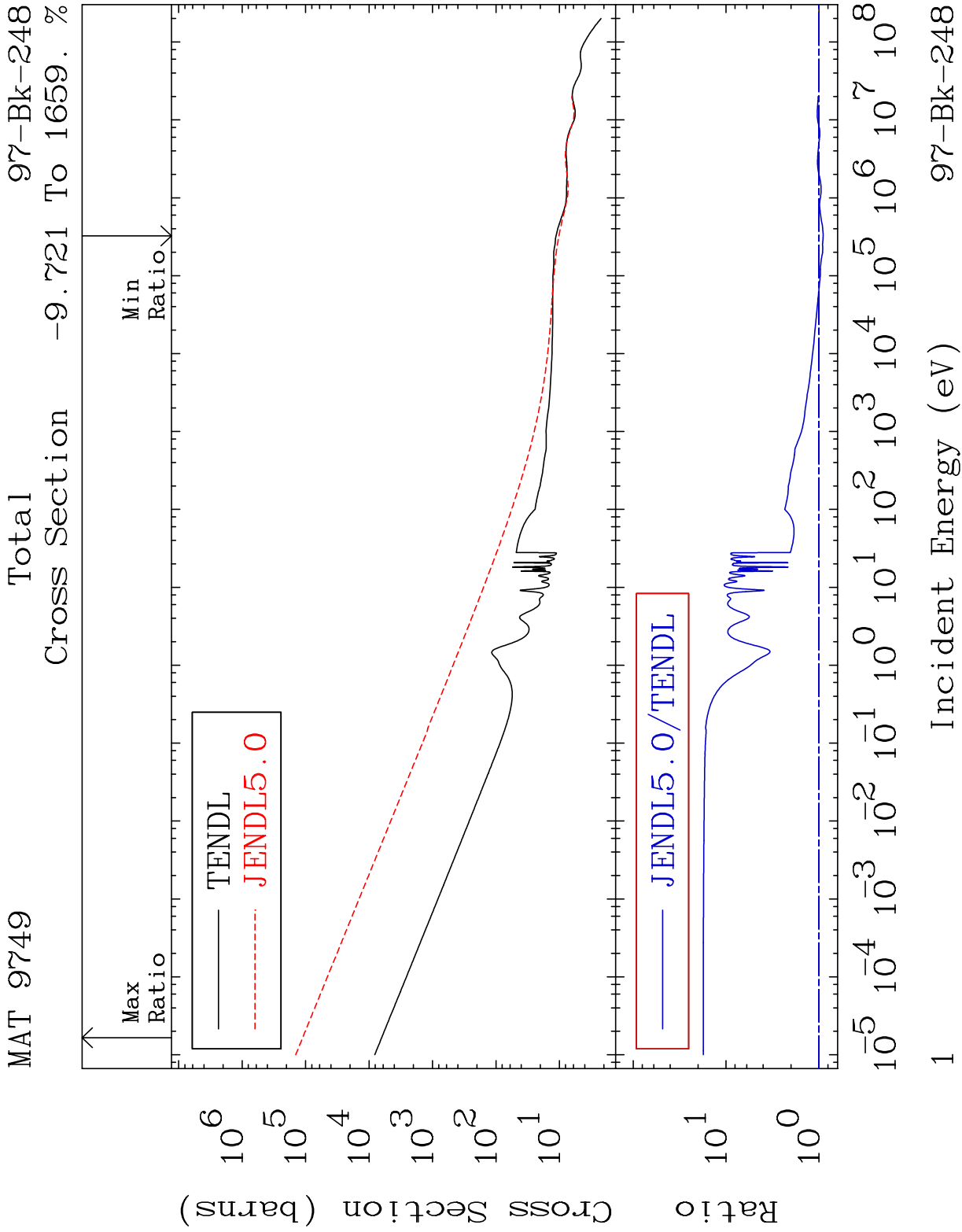
by

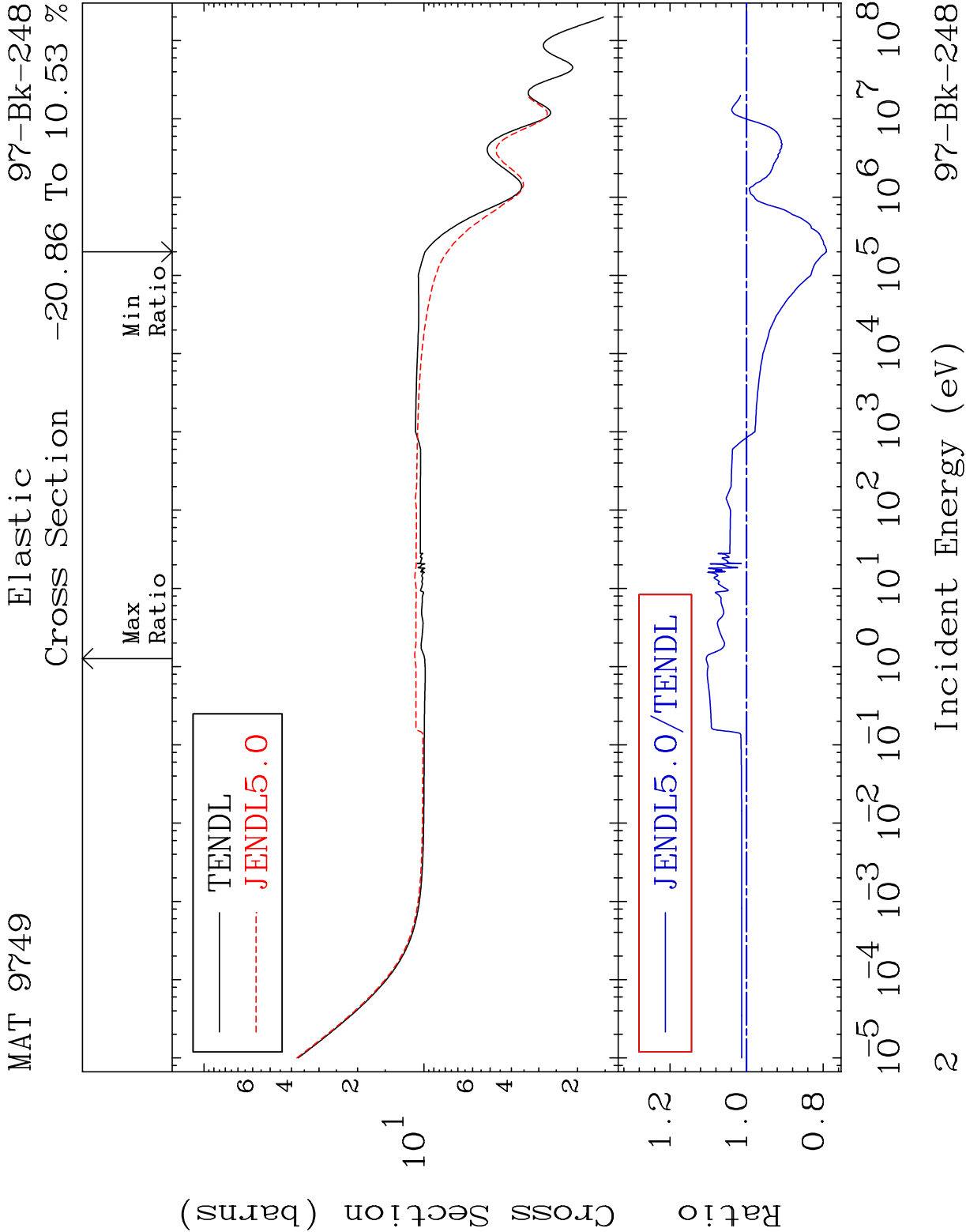
Dermott E. Cullen
(Present Contact Information)

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





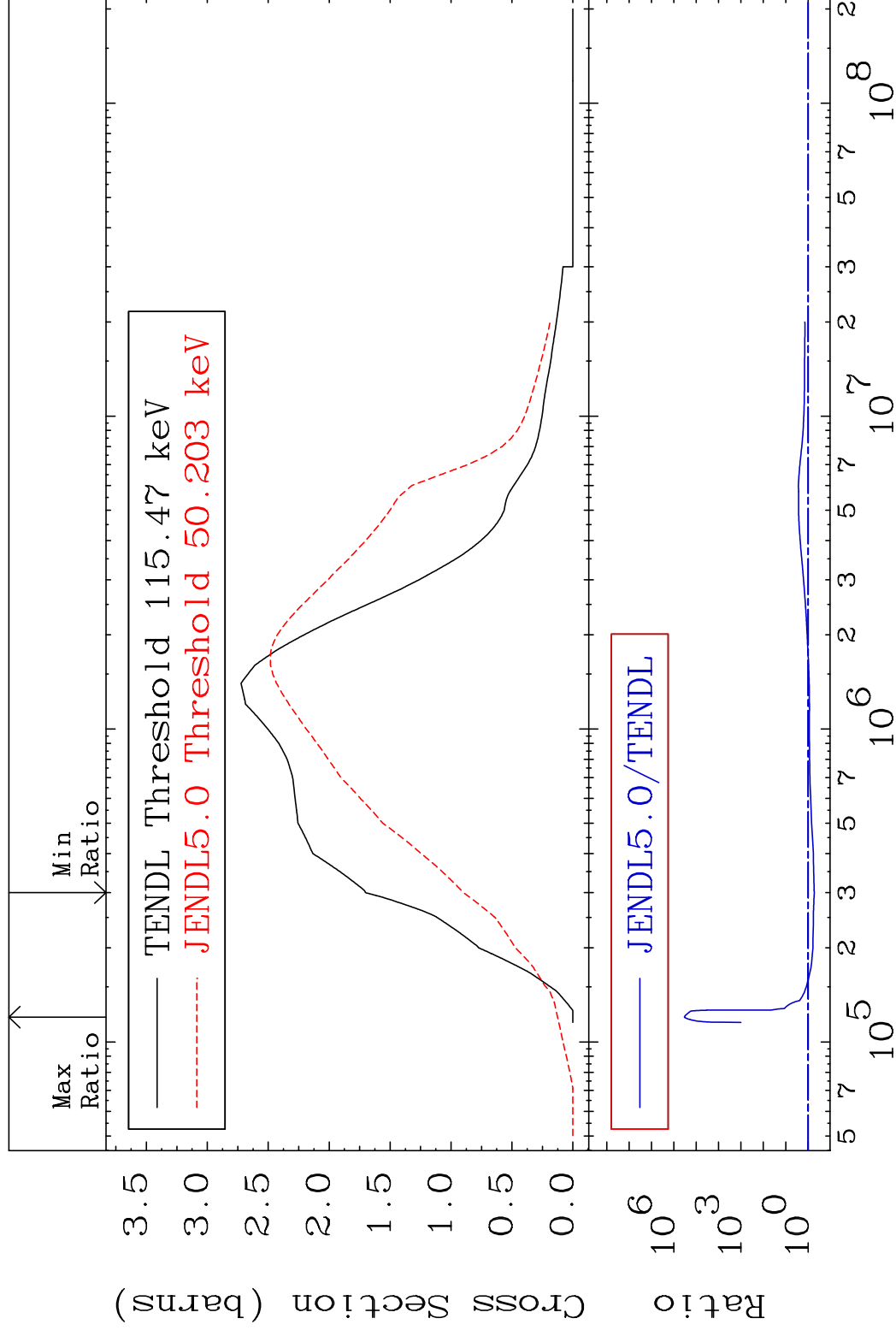
MAT 9749

Inelastic

97-Bk-248

Cross Section

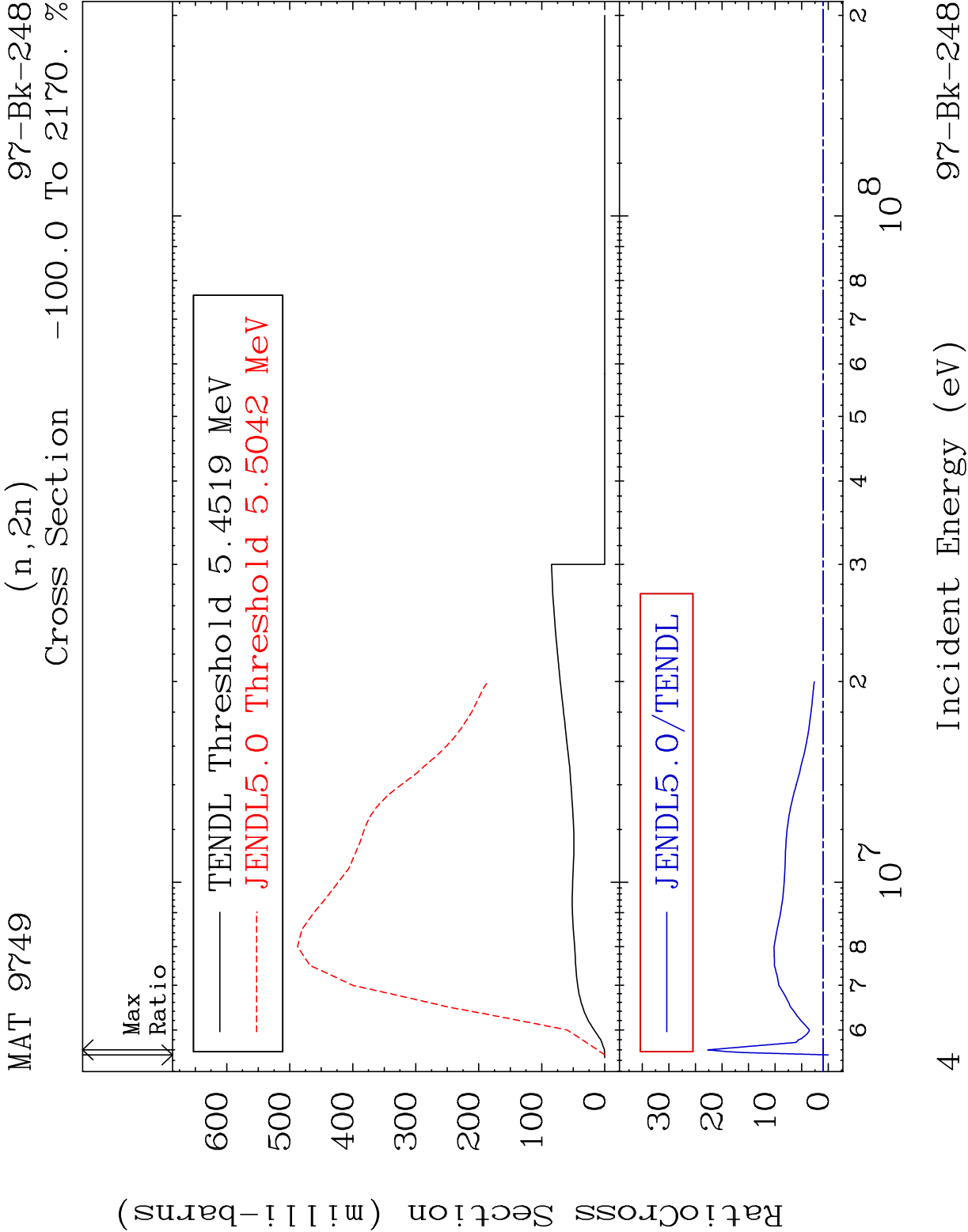
-47.17 To 9999. %

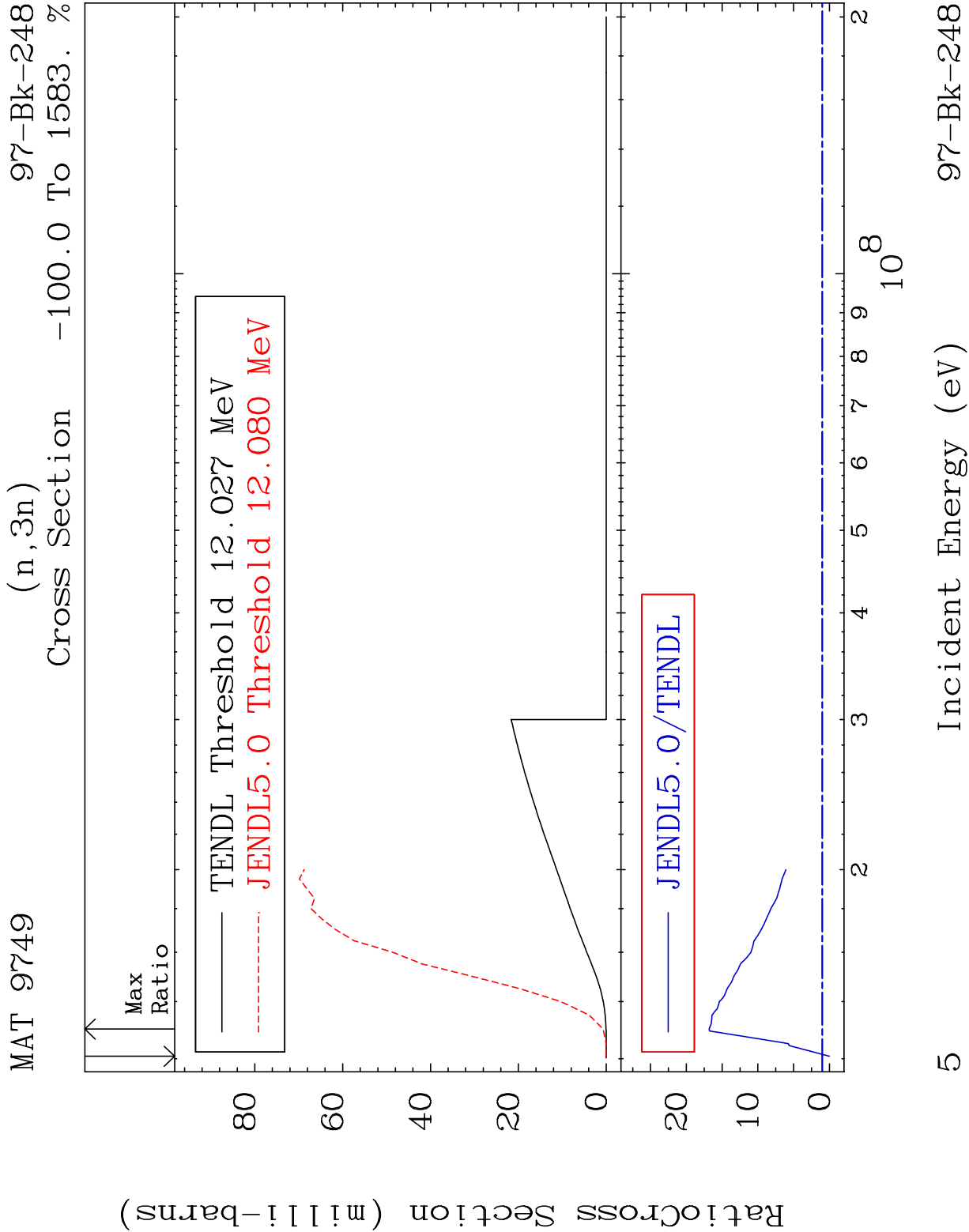


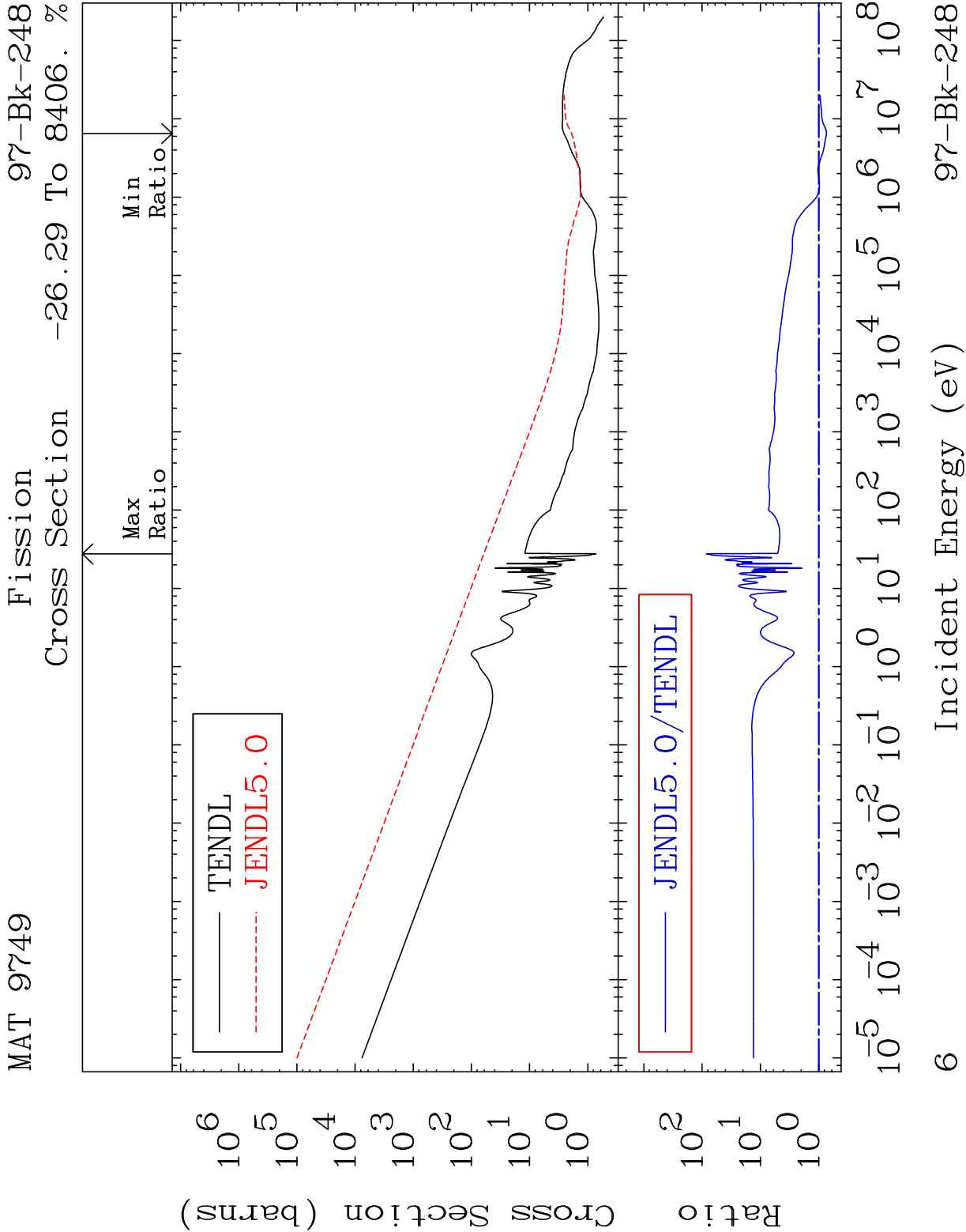
3

Incident Energy (eV)

97-Bk-248





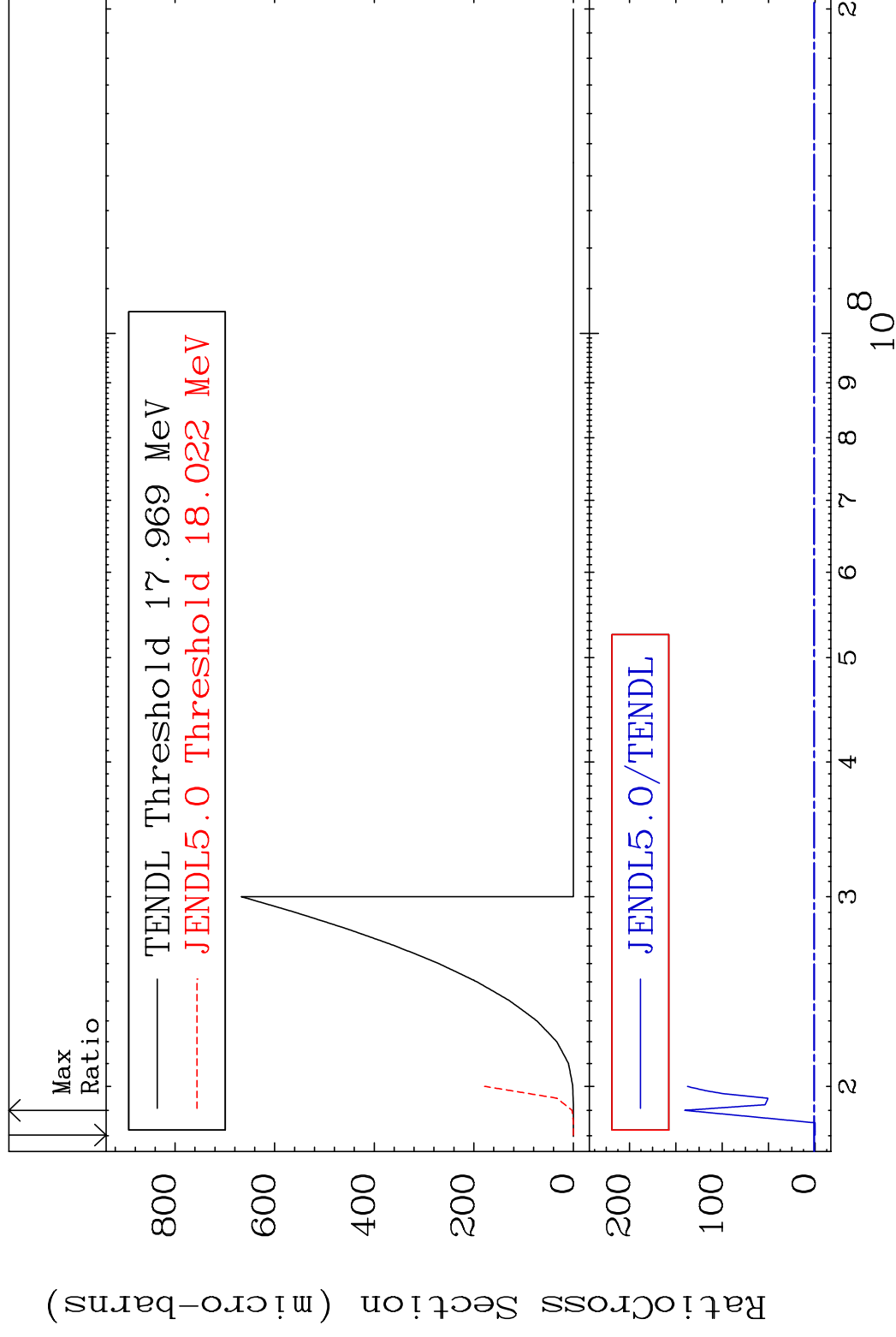


MAT 9749

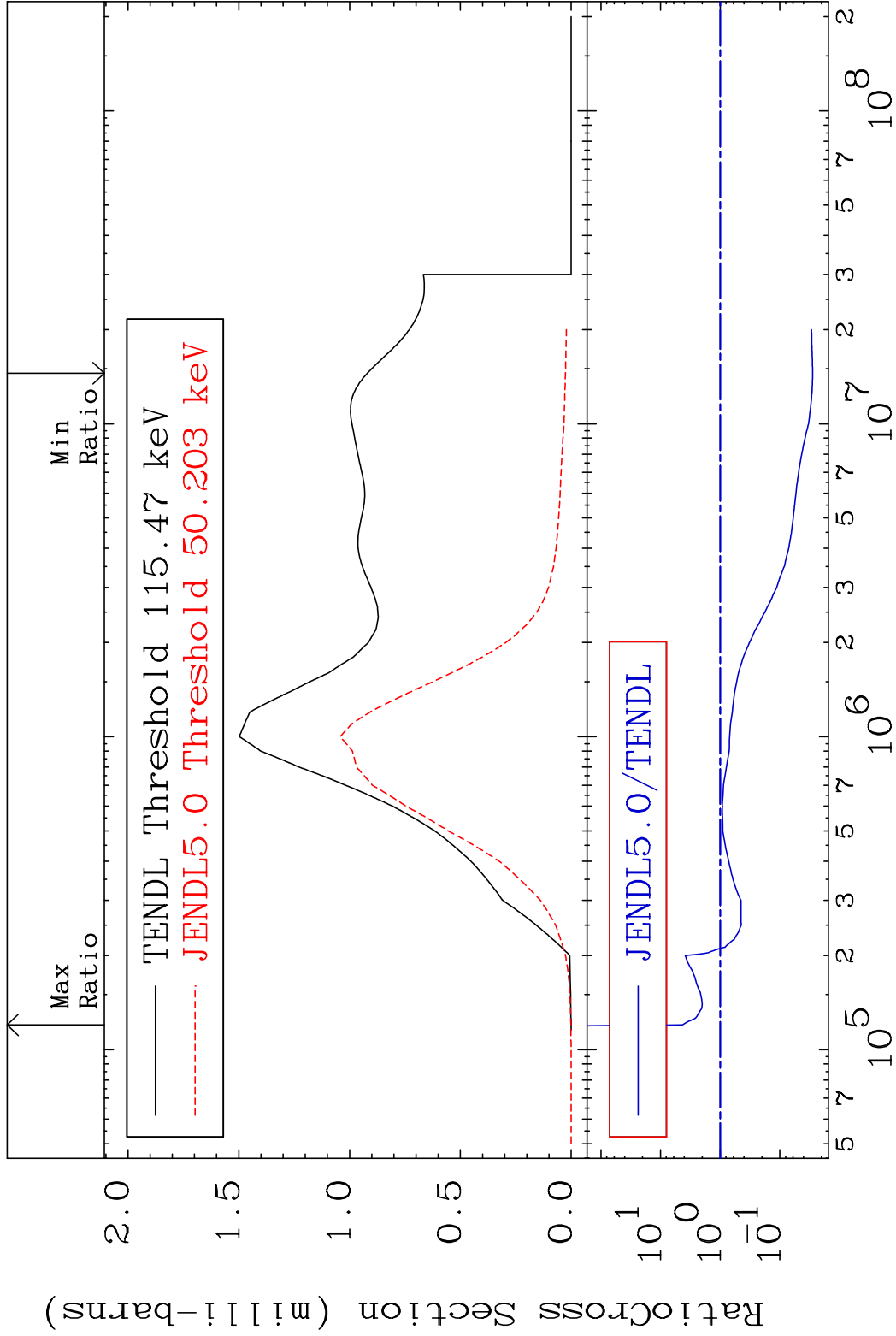
$$(n, 4n)$$

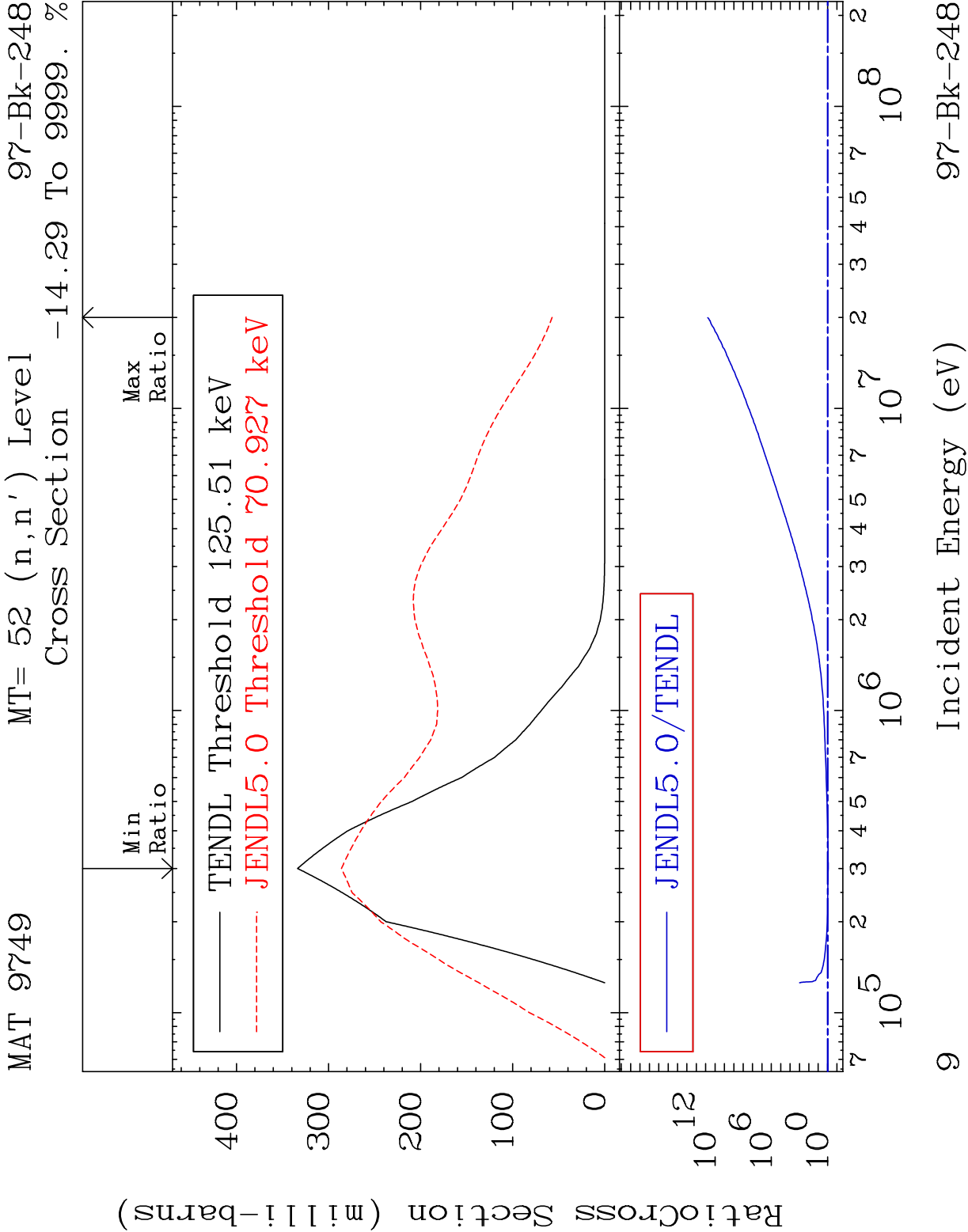
97-Bk-248

Cross Section -100.0 To 9999. %



MAT 9749 MT= 51 (n,n') Level 97-Bk-248
Cross Section -97.17 To 330.6 %



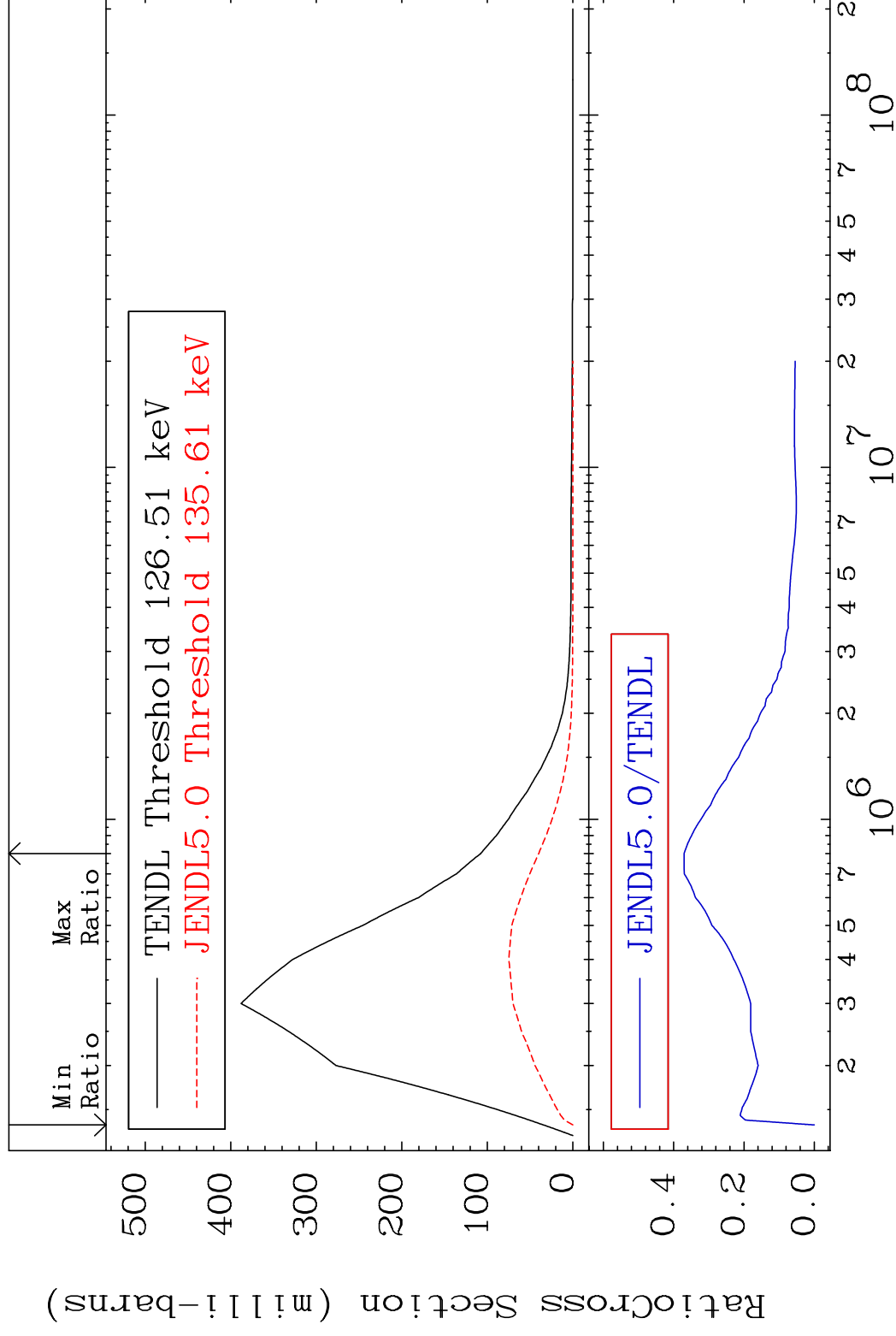


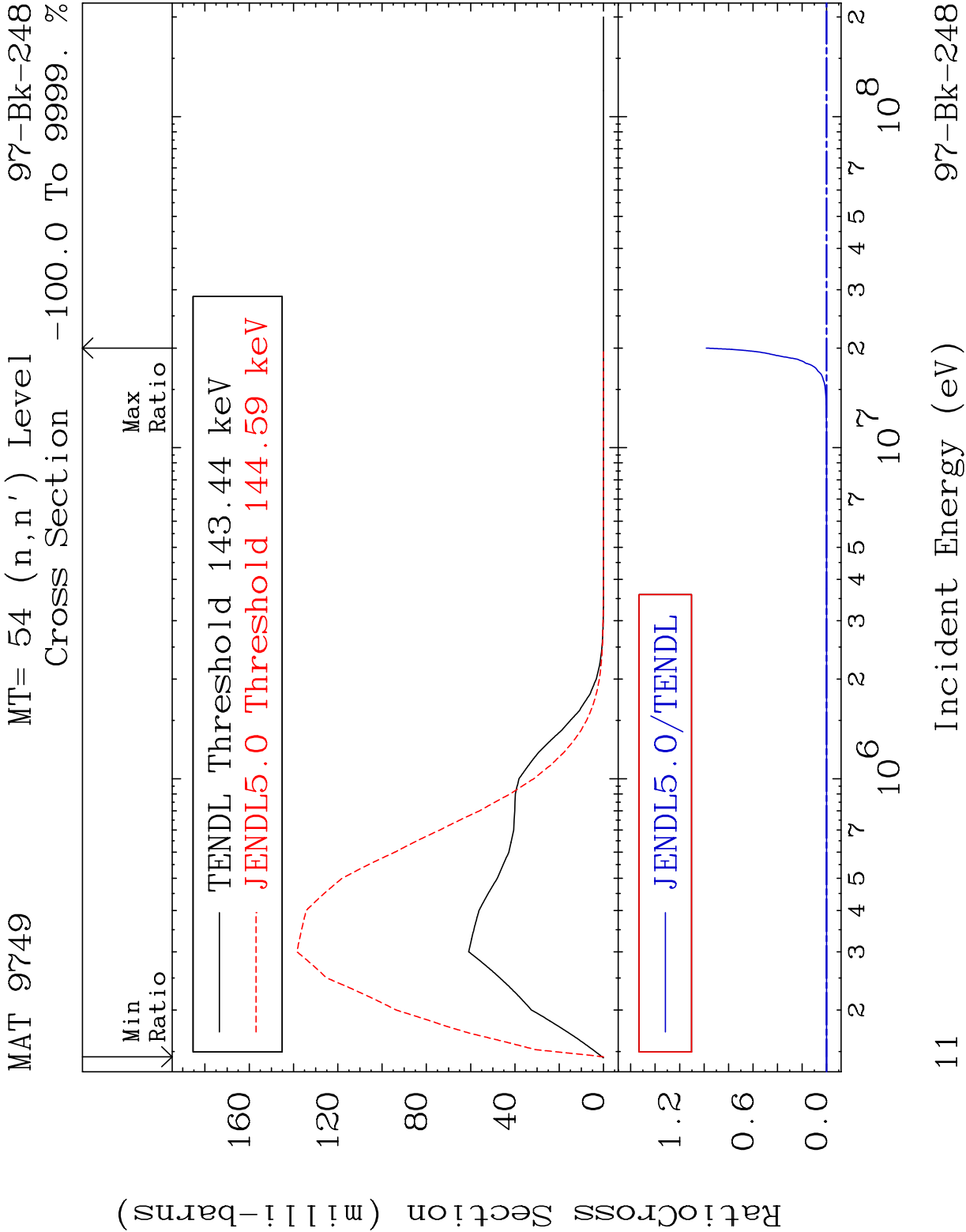
MAT 9749

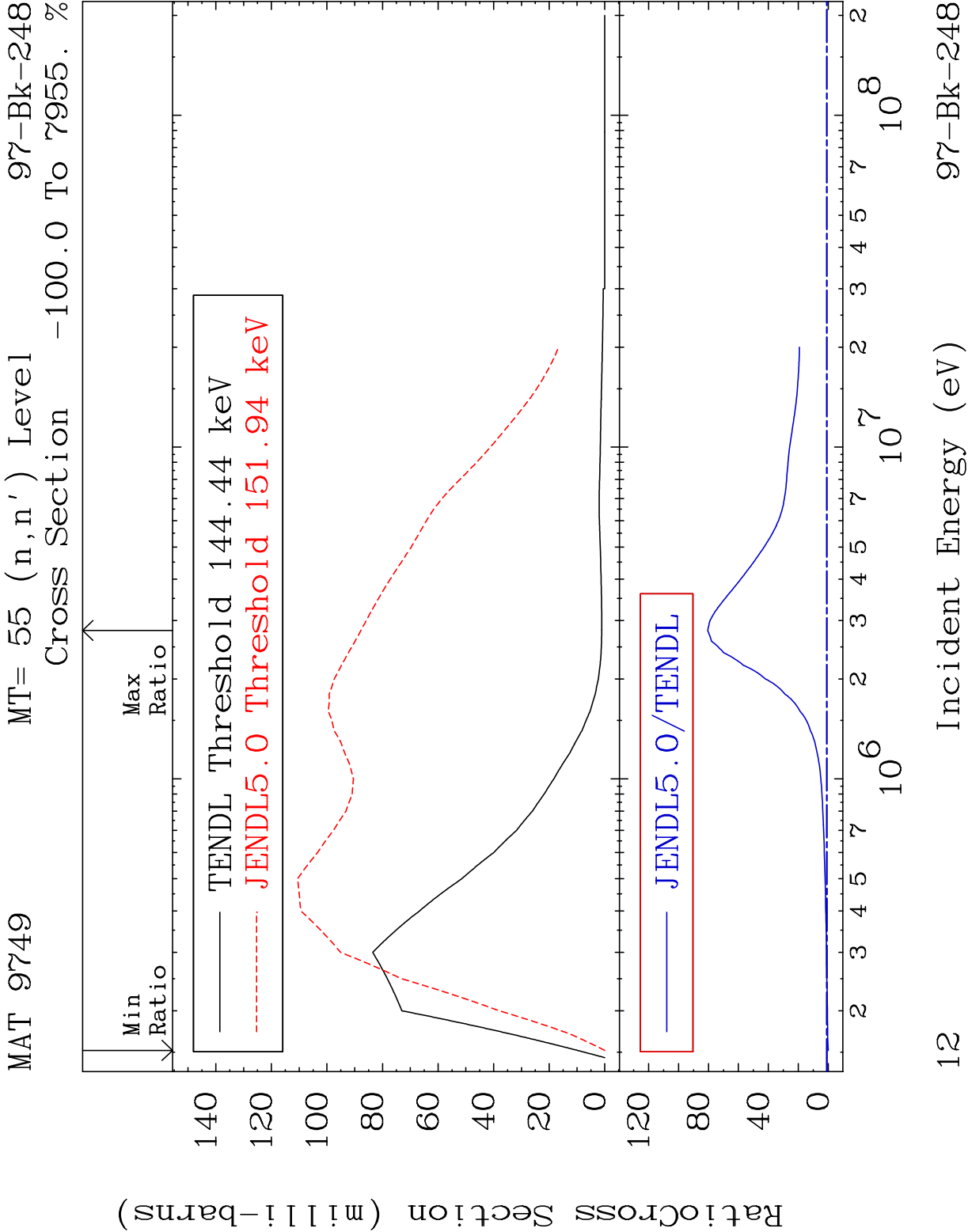
MT= 53 (n, n') Level

97-Bk-248

Cross Section -100.0 To -62.95%





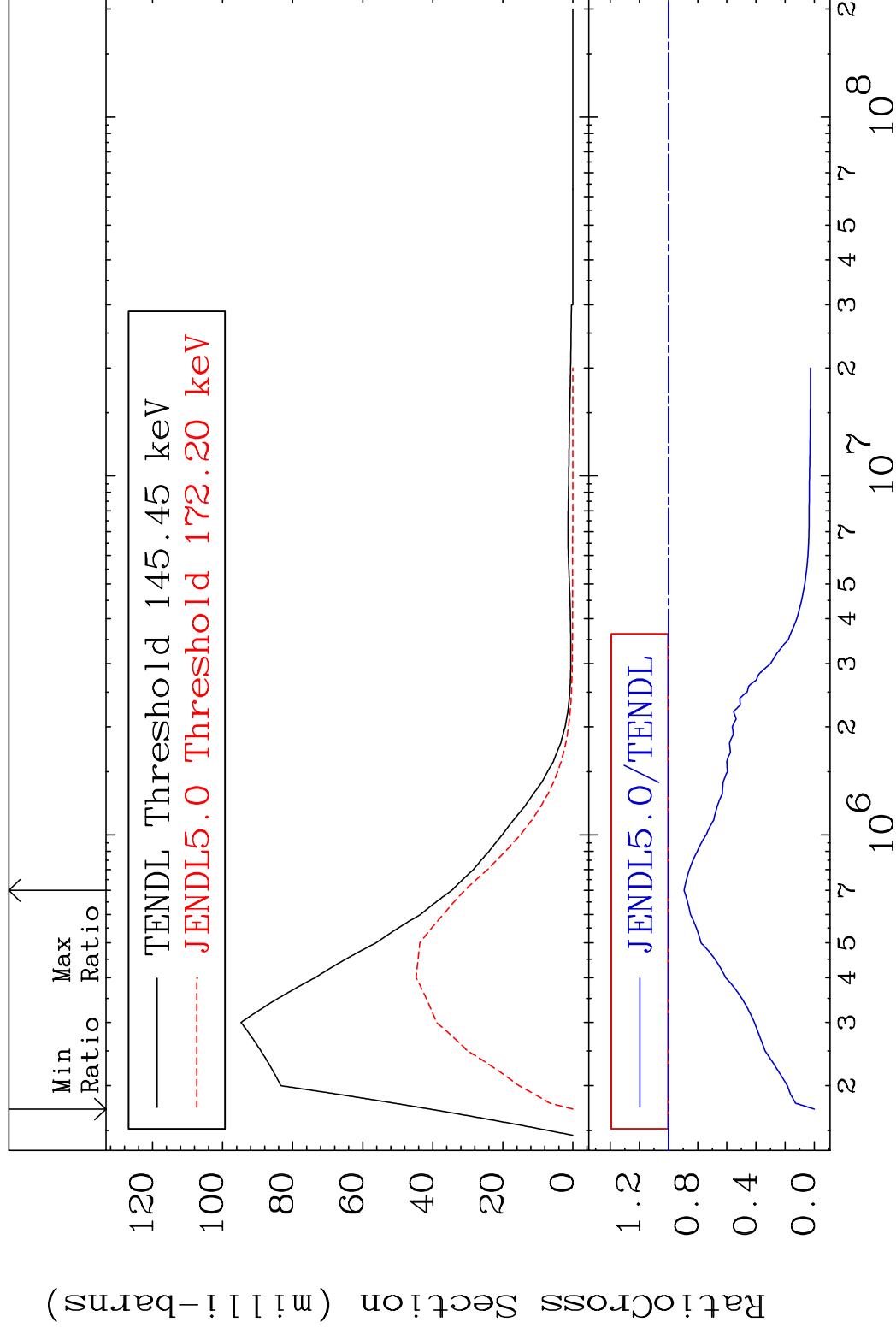


MAT 9749

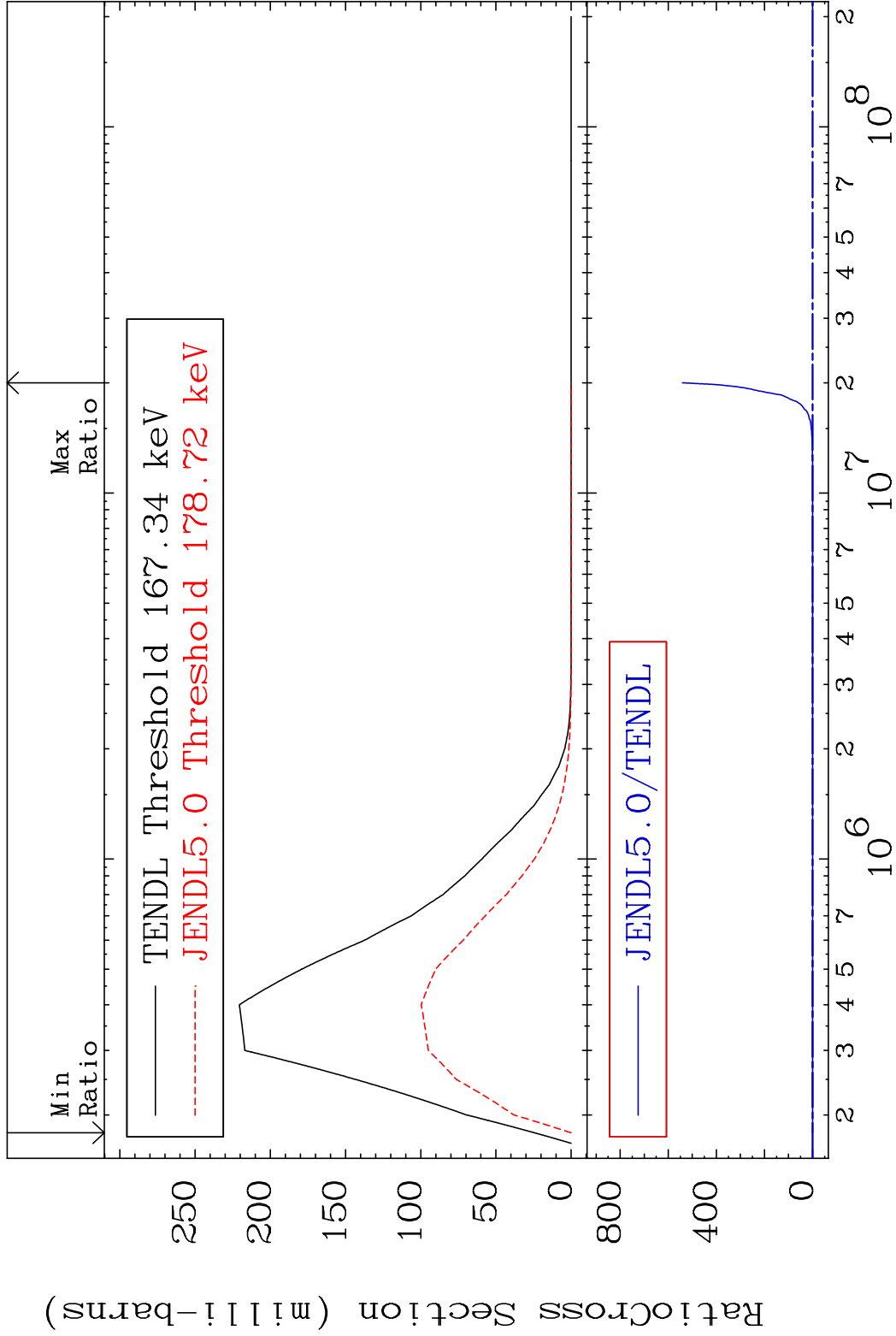
MT= 56 (n, n') Level

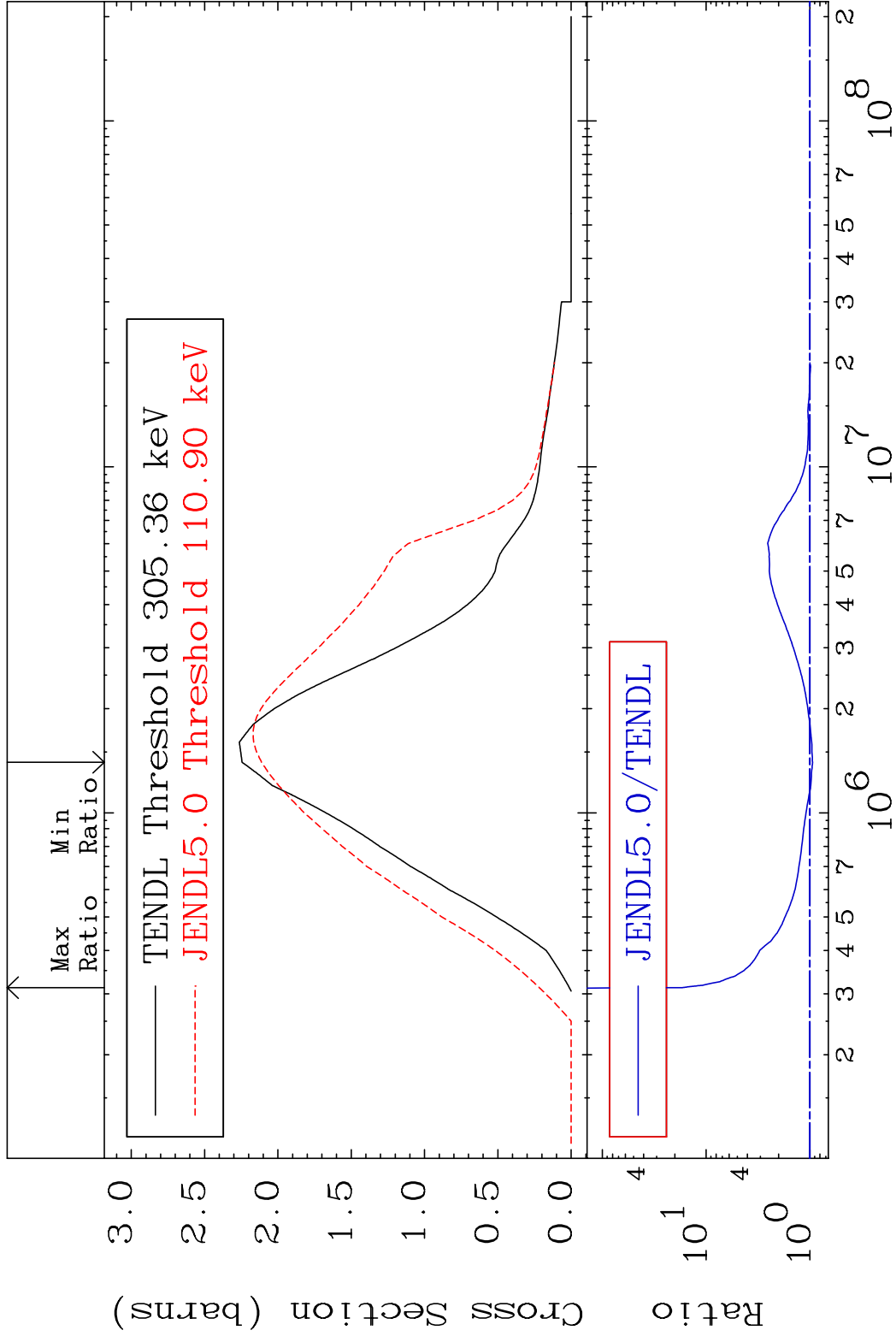
97-Bk-248

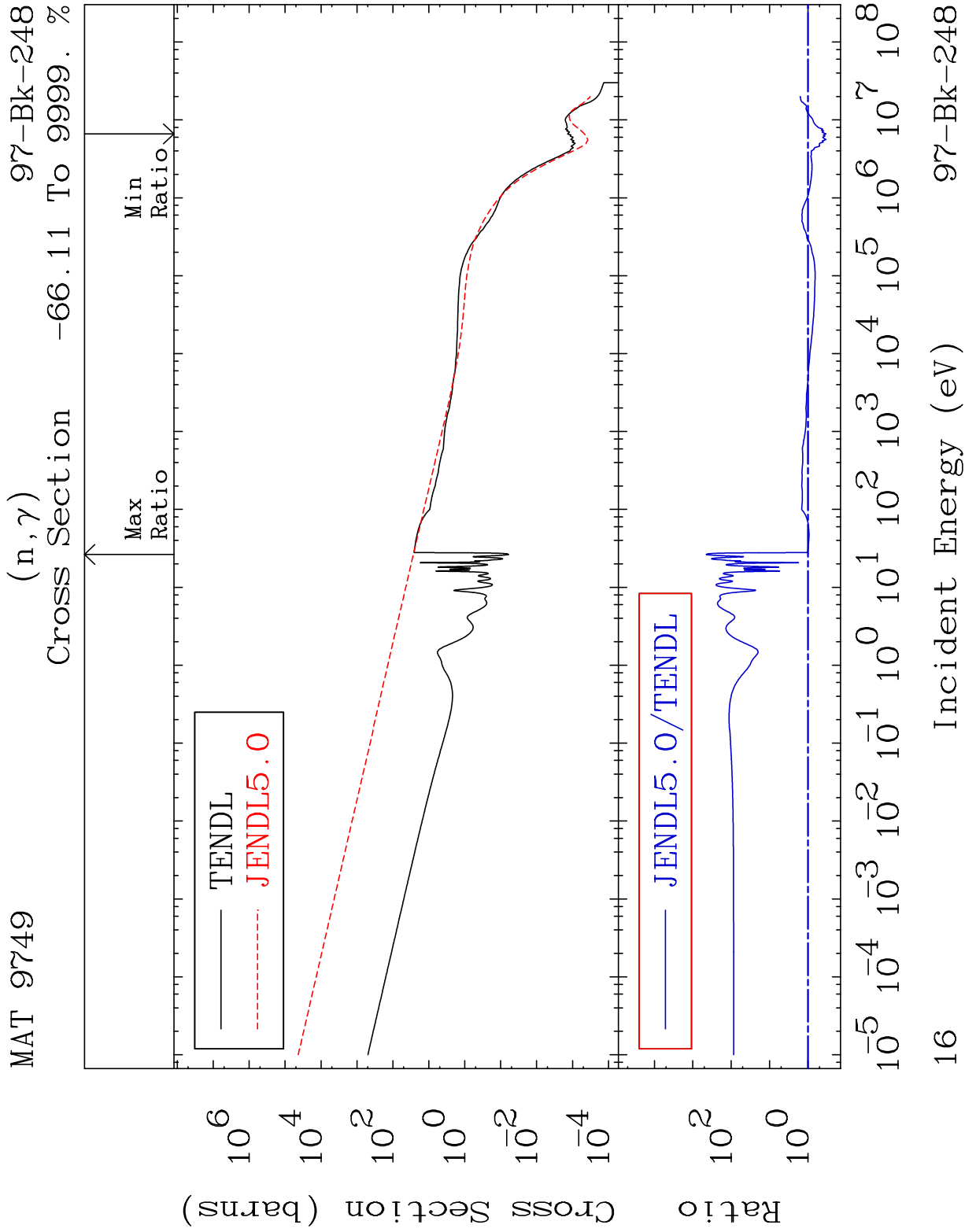
Cross Section	-100.0 To -10.63%

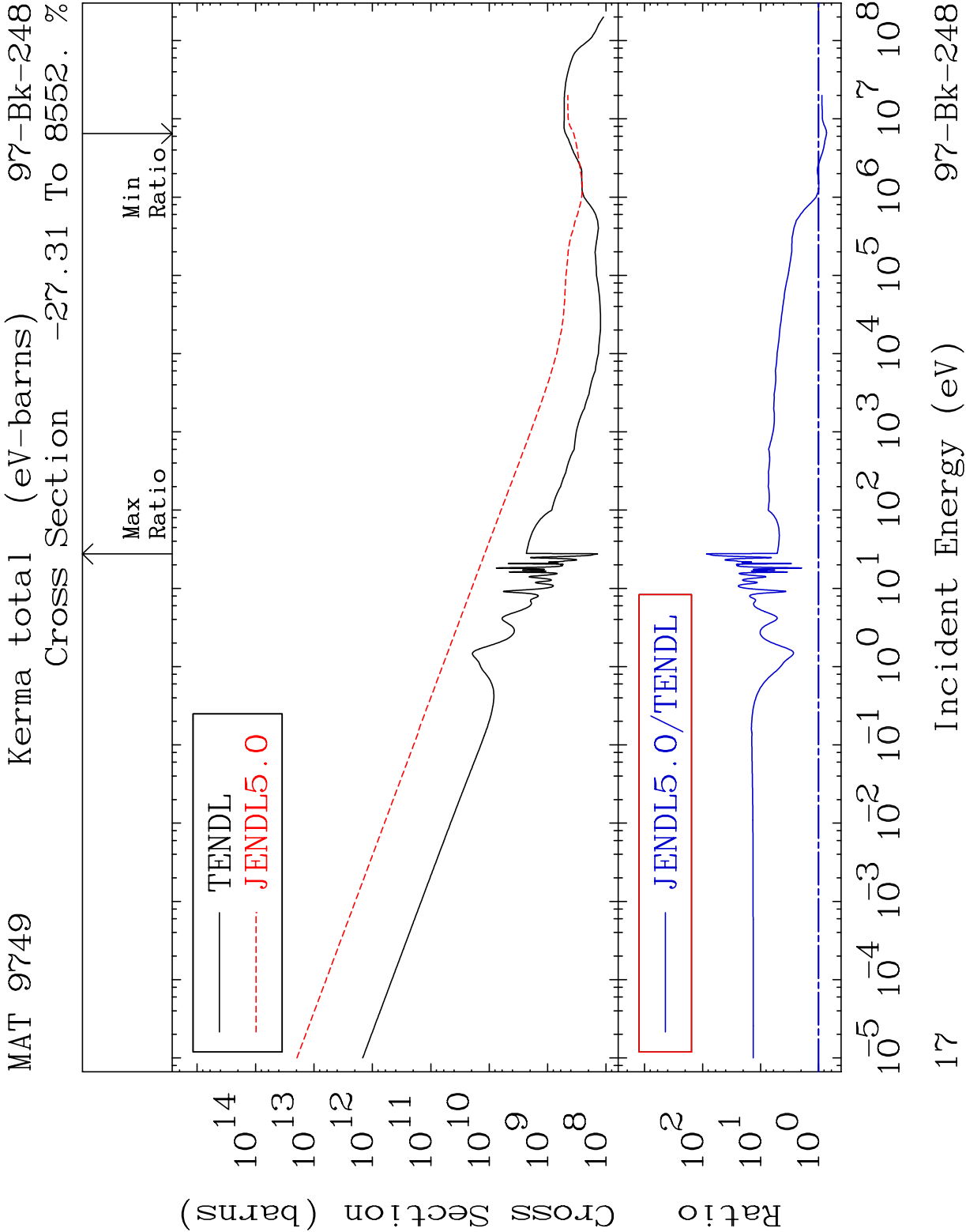


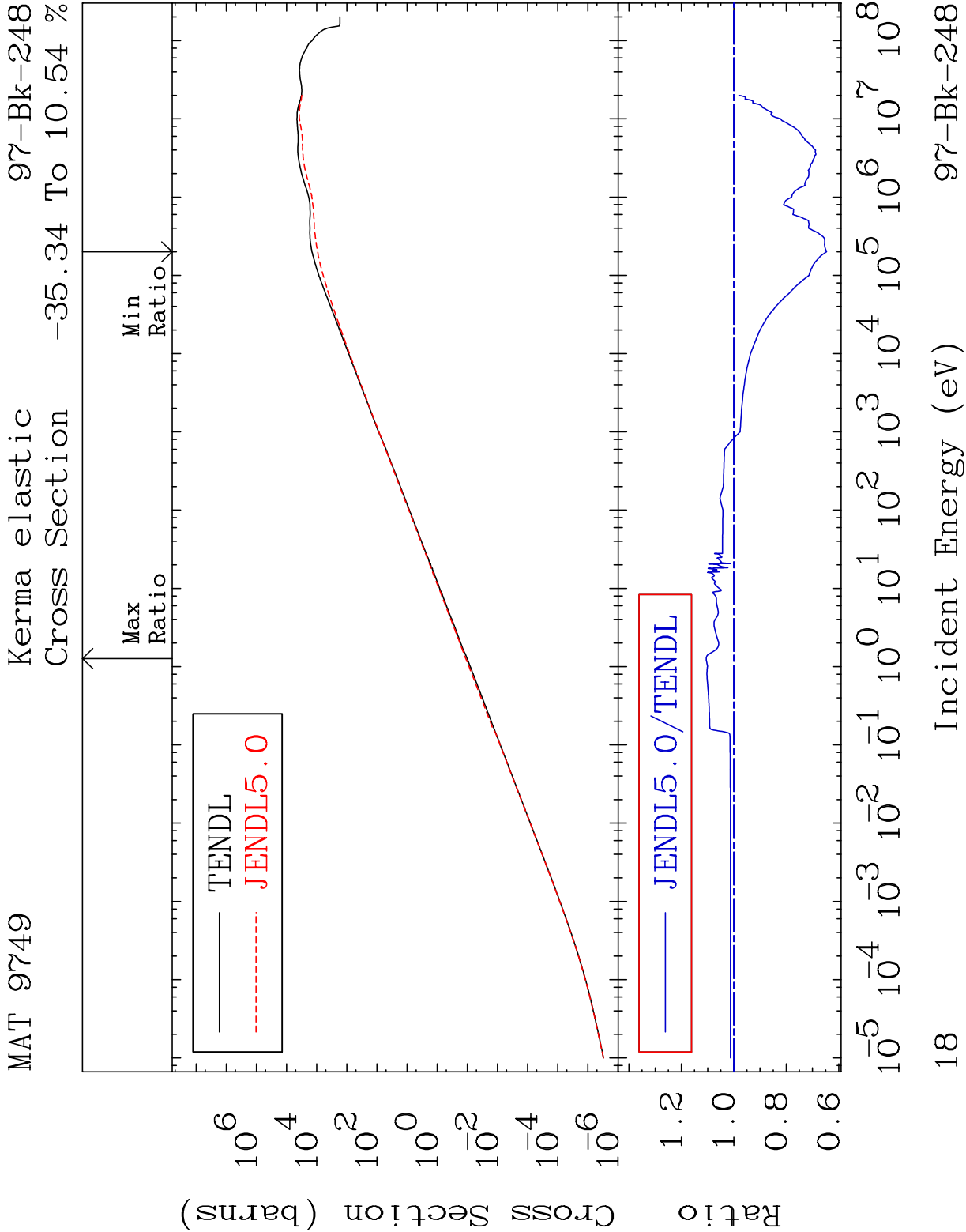
MAT 9749 MT= 57 (n,n') Level 97-Bk-248
Cross Section -100.0 To 9999. %

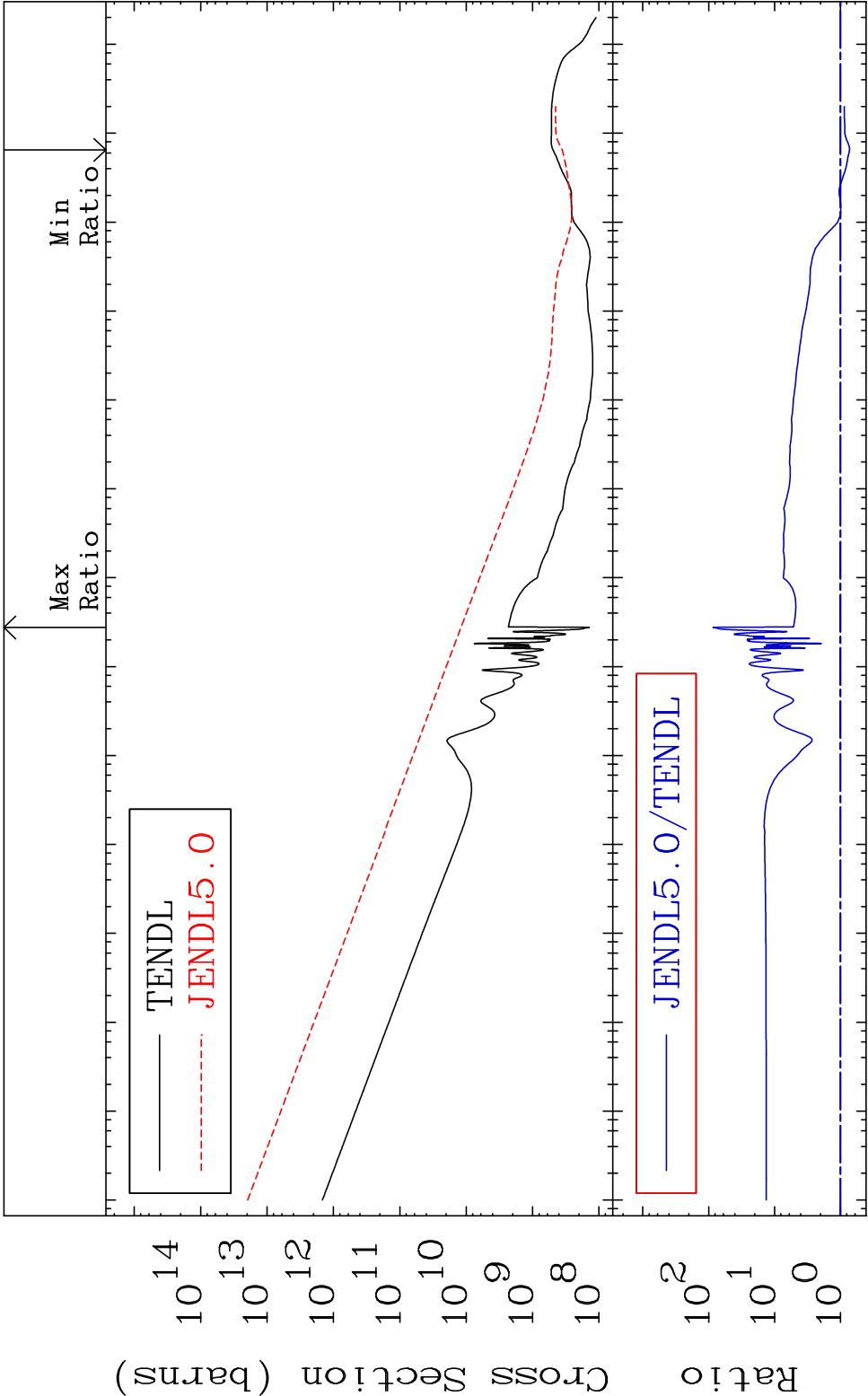


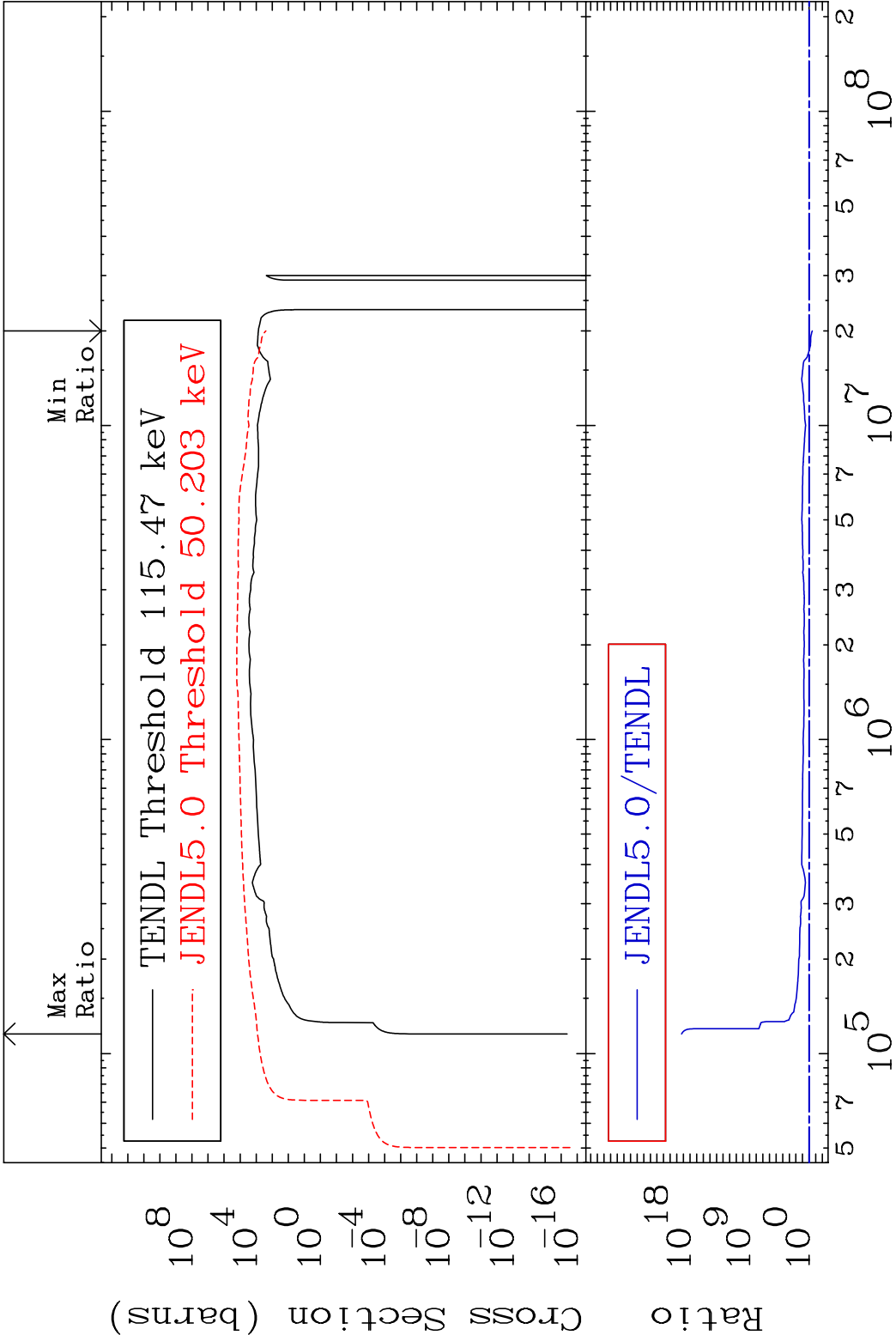




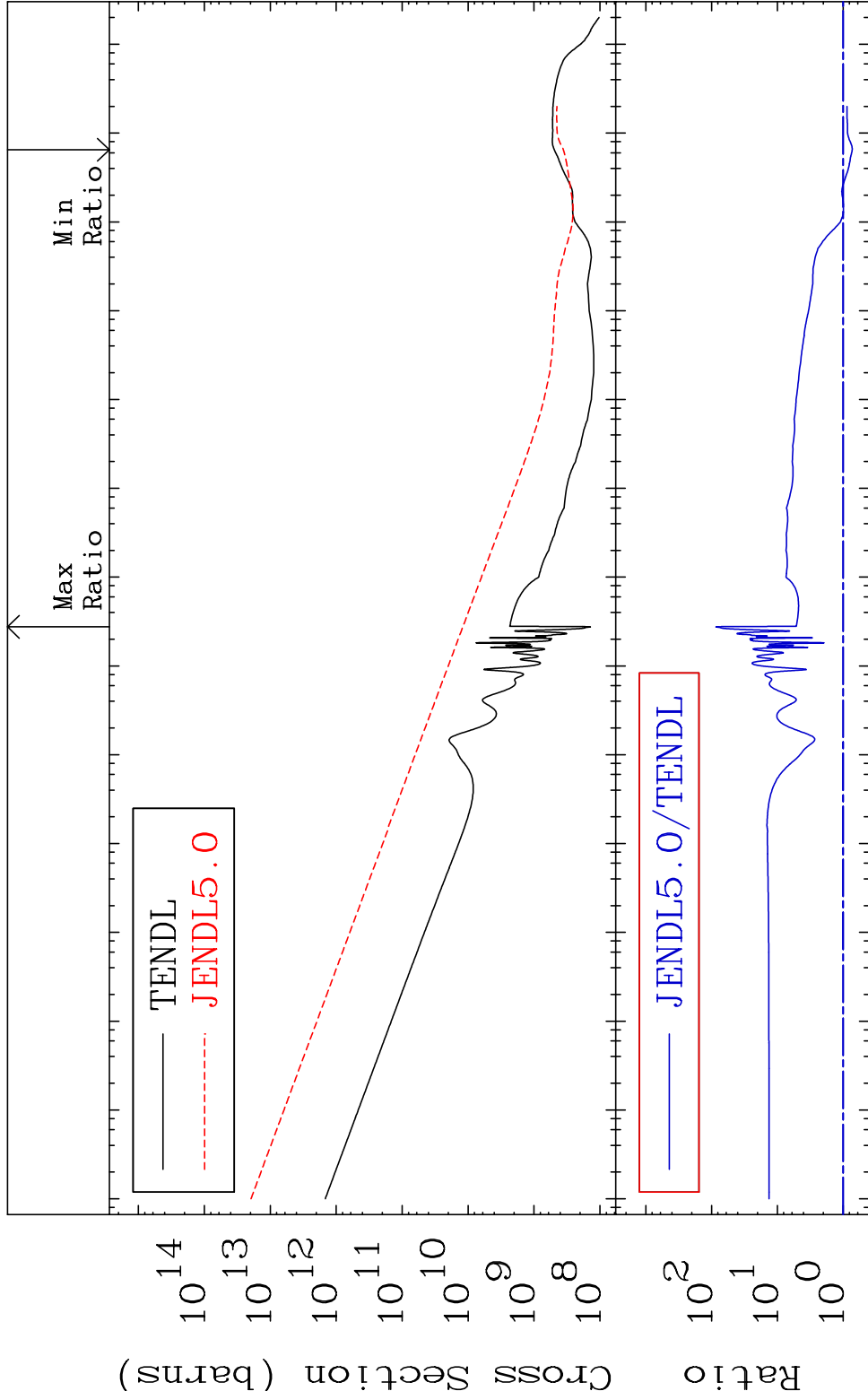


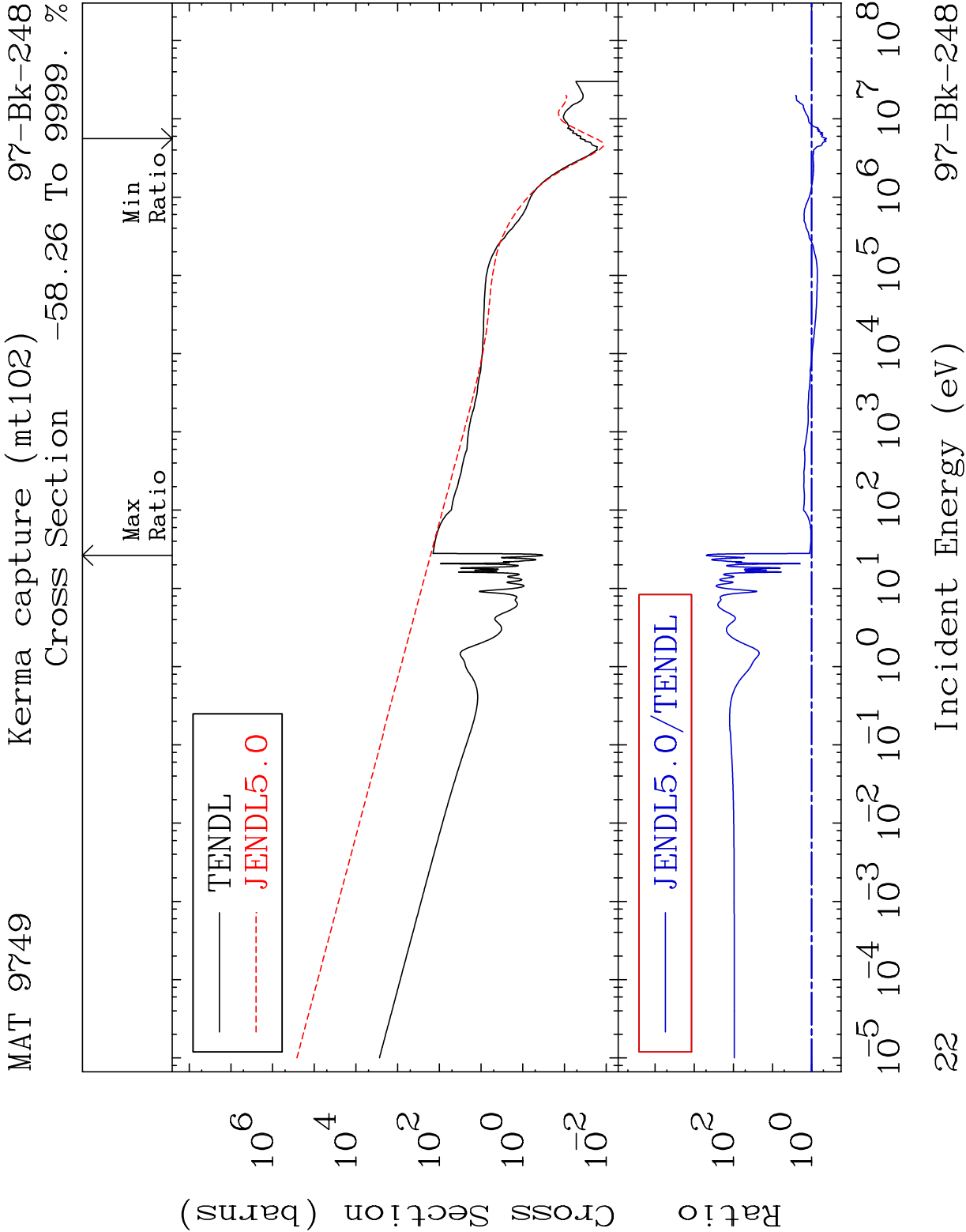


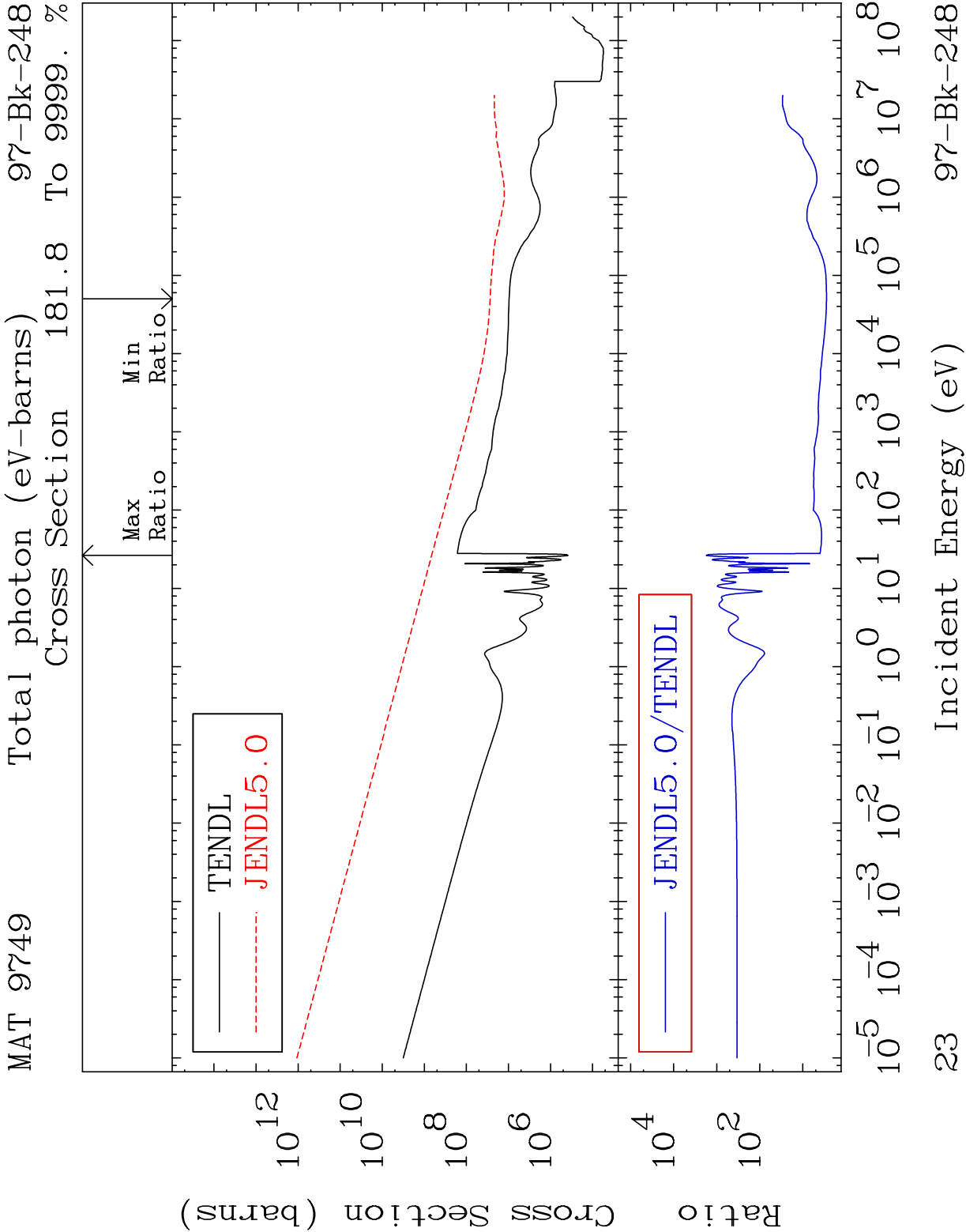




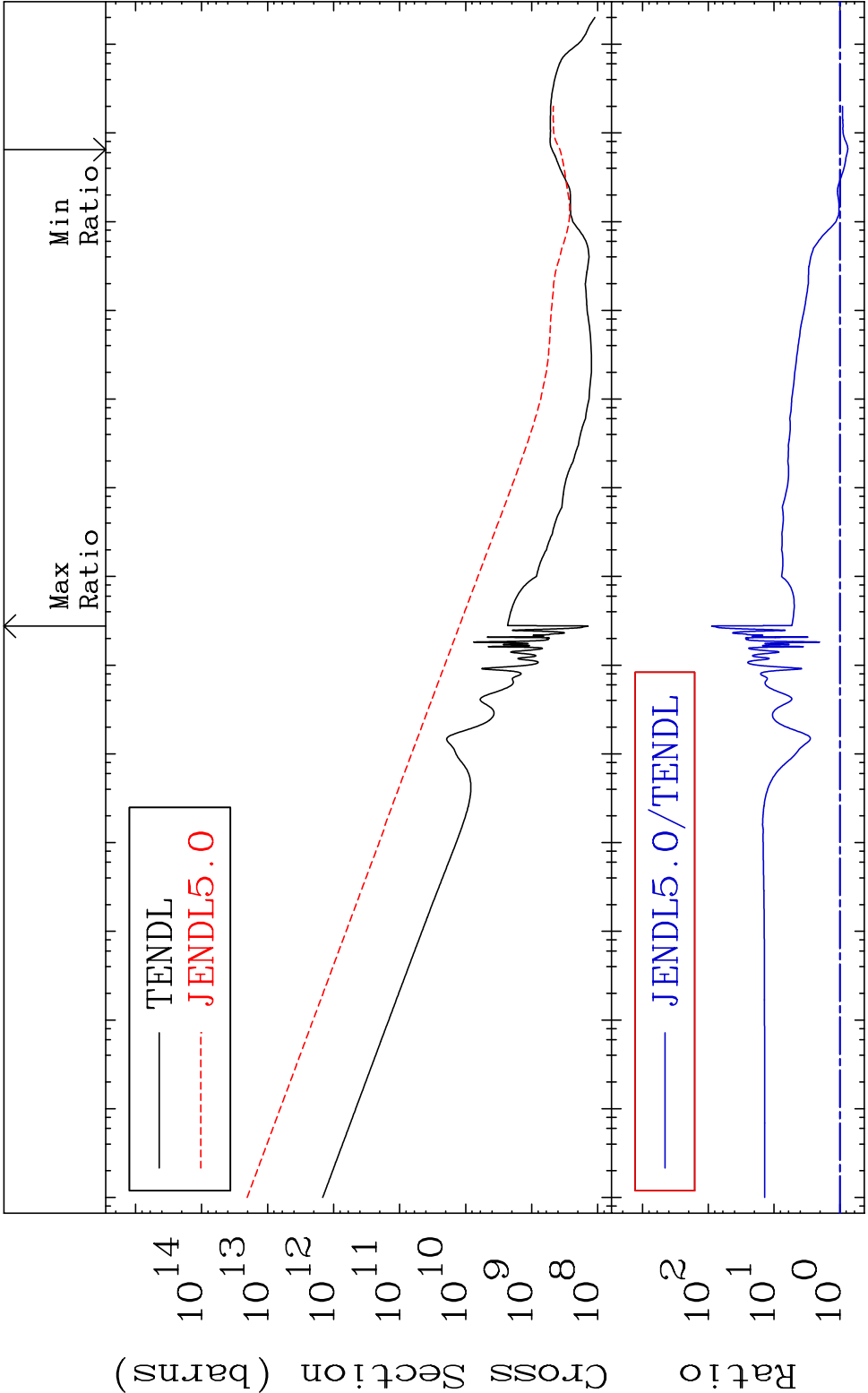
MAT 9749Kerma fission (mt18 or mt19-20-21-38)97-Bk-248
Cross Section -27.33 To 8552. %





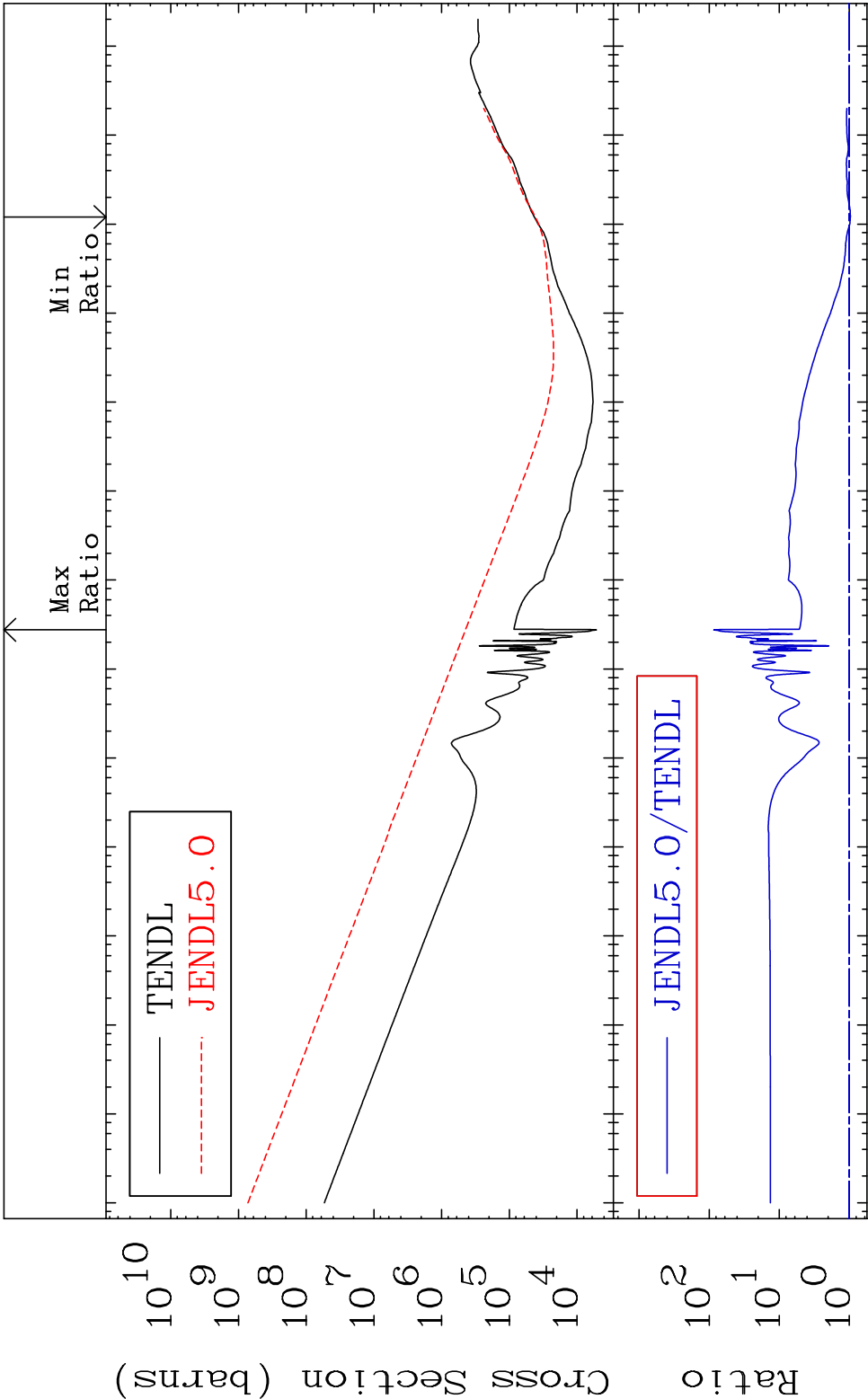


MAT 9749 Total kinematic kerma (high limit) 97-Bk-248
Cross Section -24.26 To 8906. %

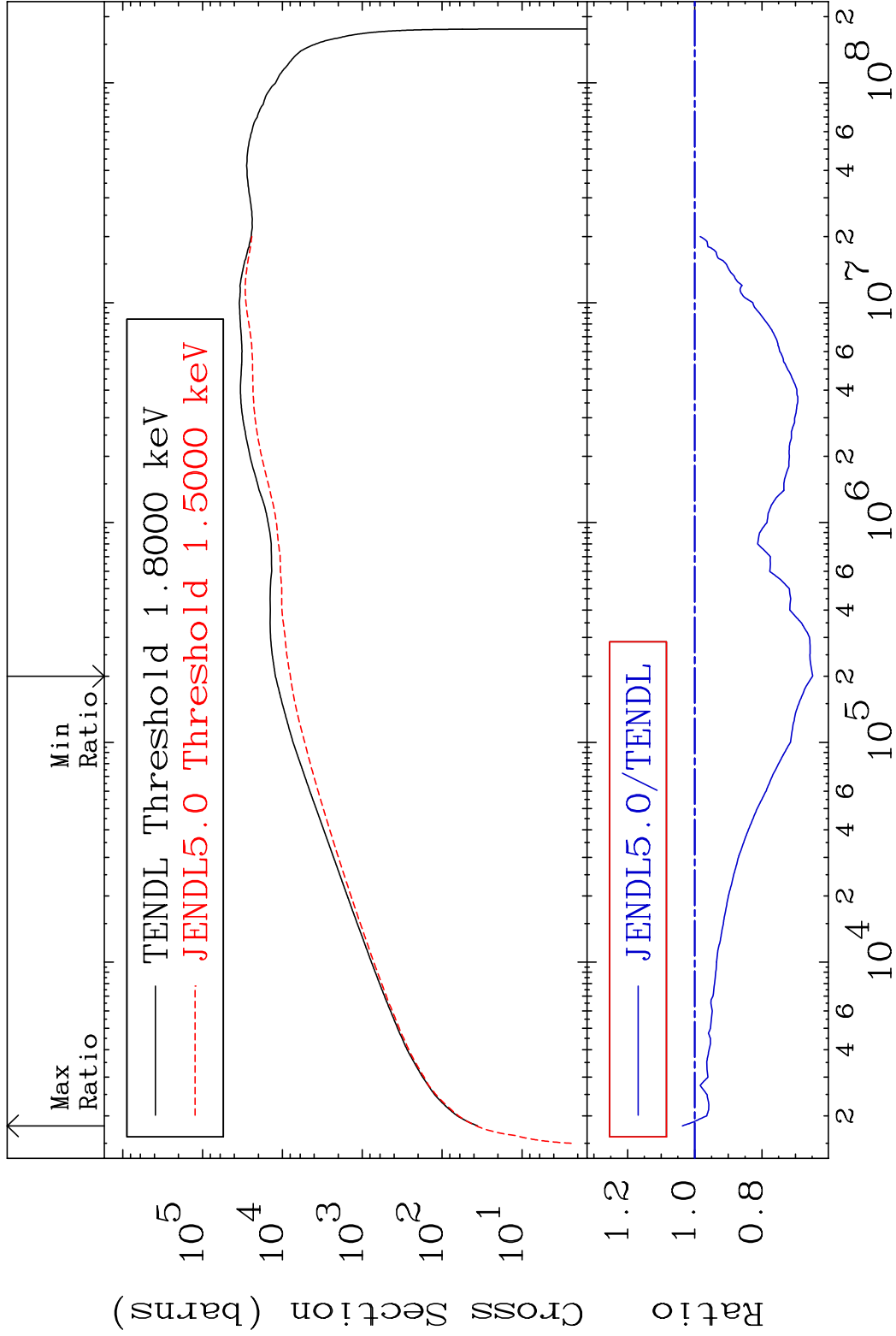


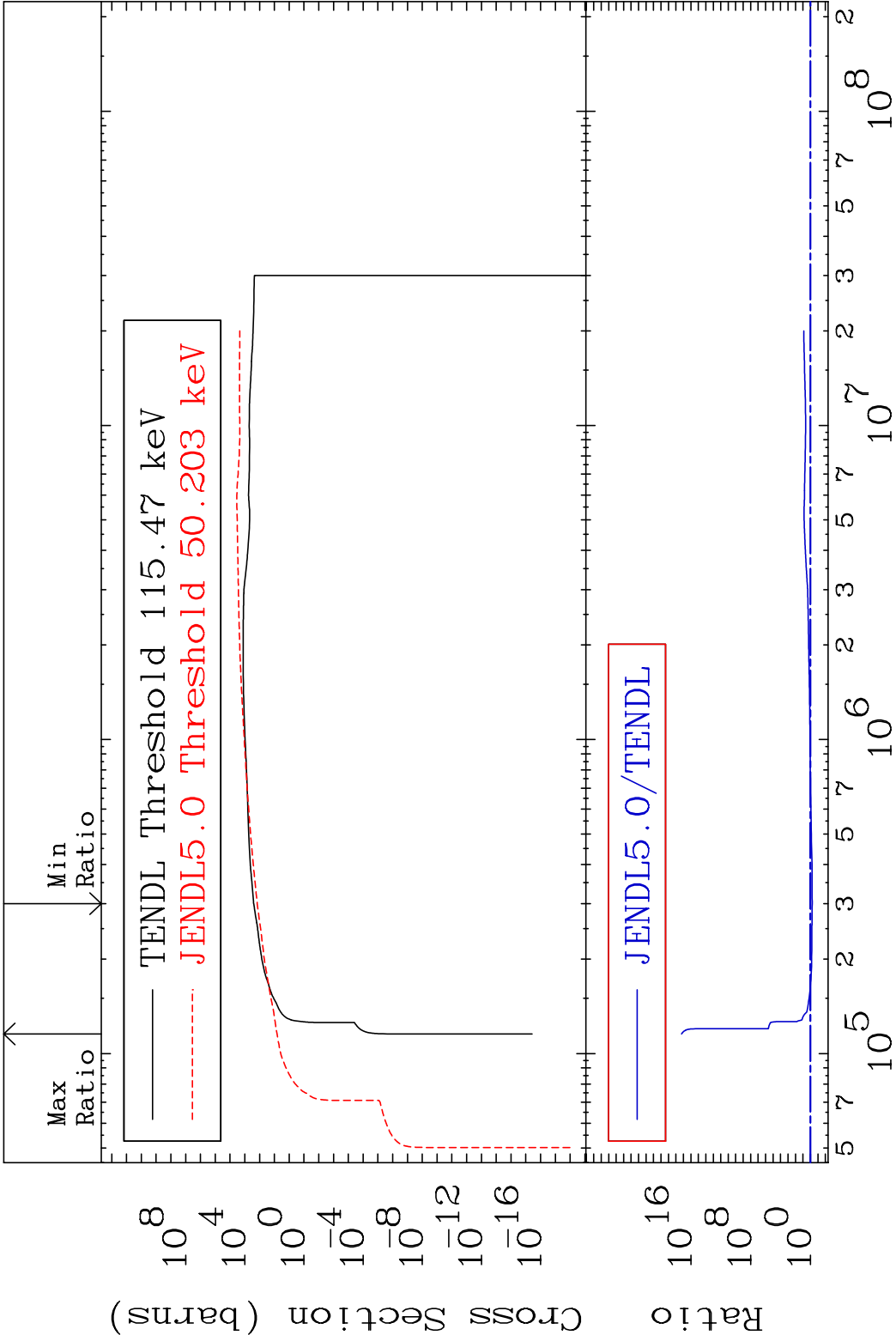
24 Incident Energy (eV) 97-Bk-248

MAT 9749 Dpa total (eV-barns) 97-Bk-248
Cross Section -3.416 To 8573. %

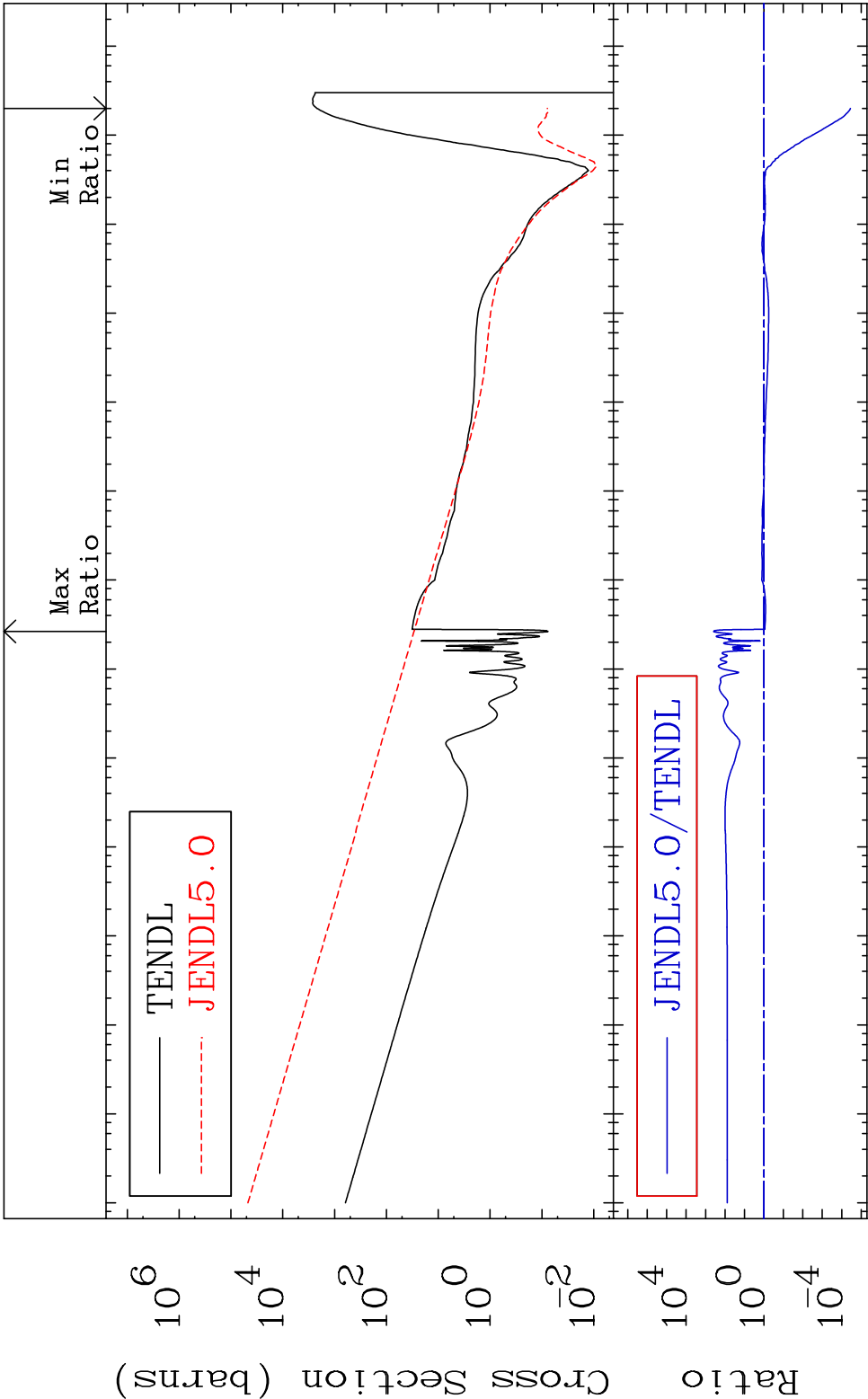


25 Incident Energy (eV) 97-Bk-248

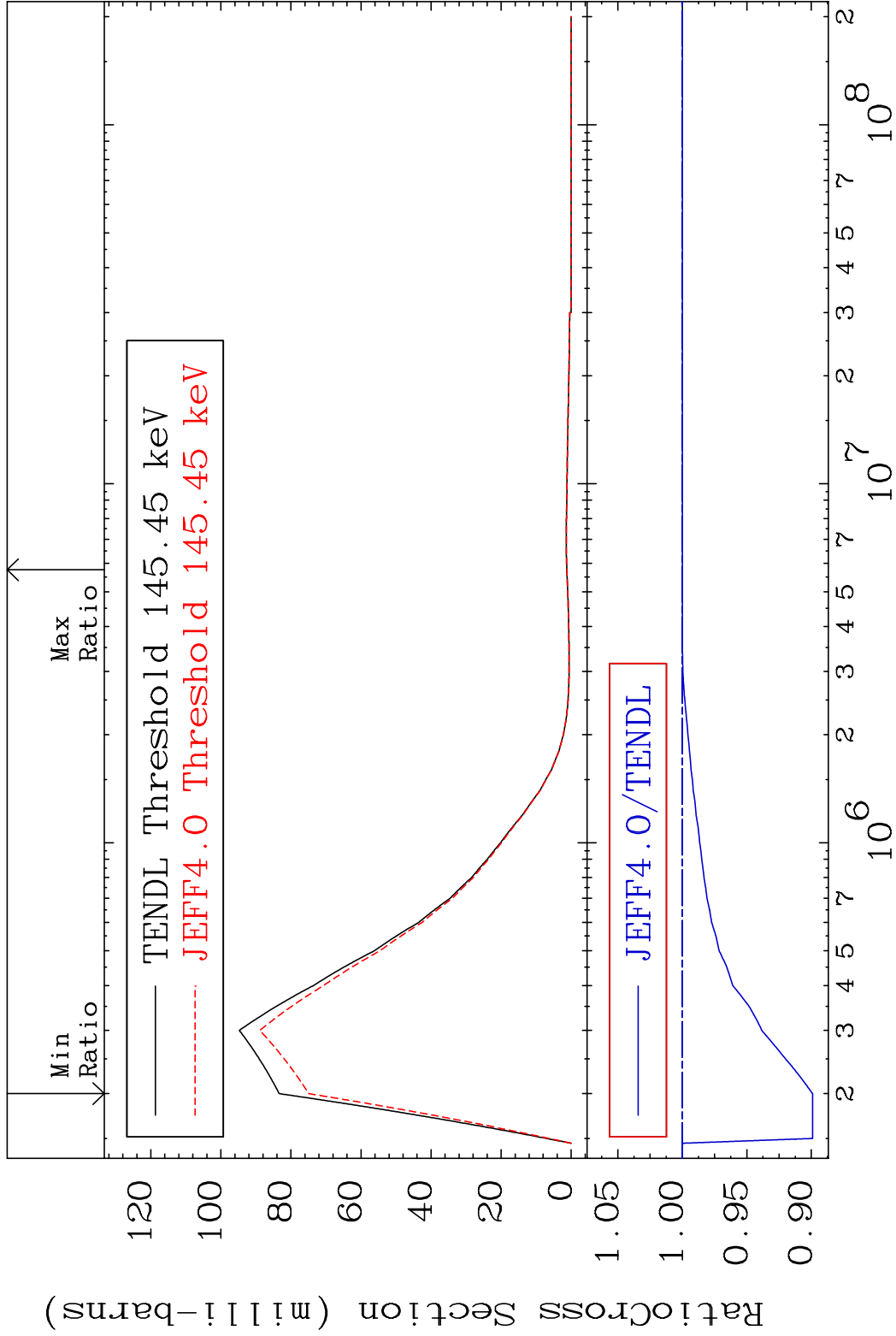




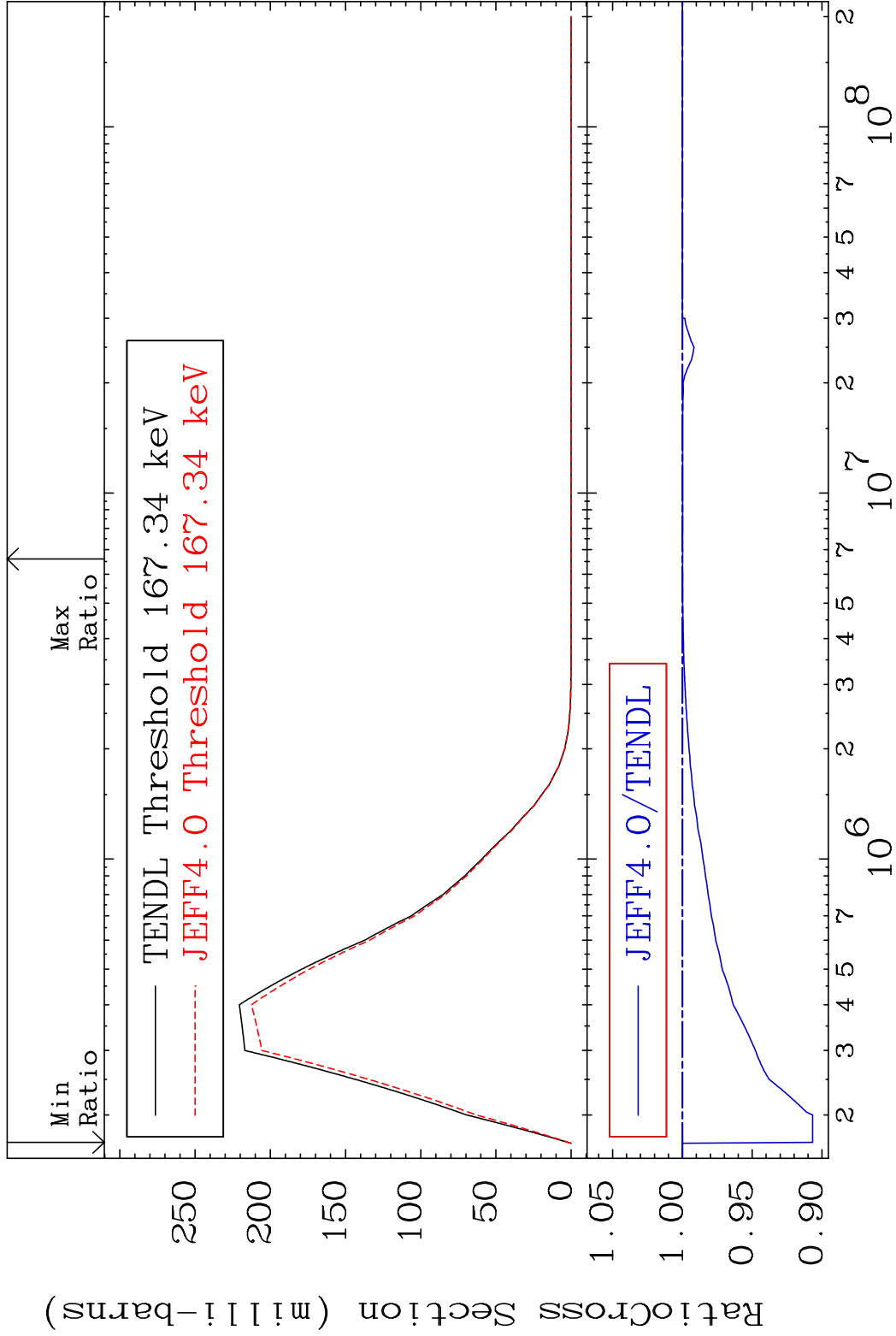
MAT 9749 Dpa disappearance (mt102 -120) 97-Bk-248
Cross Section -100.0 To 9999. %



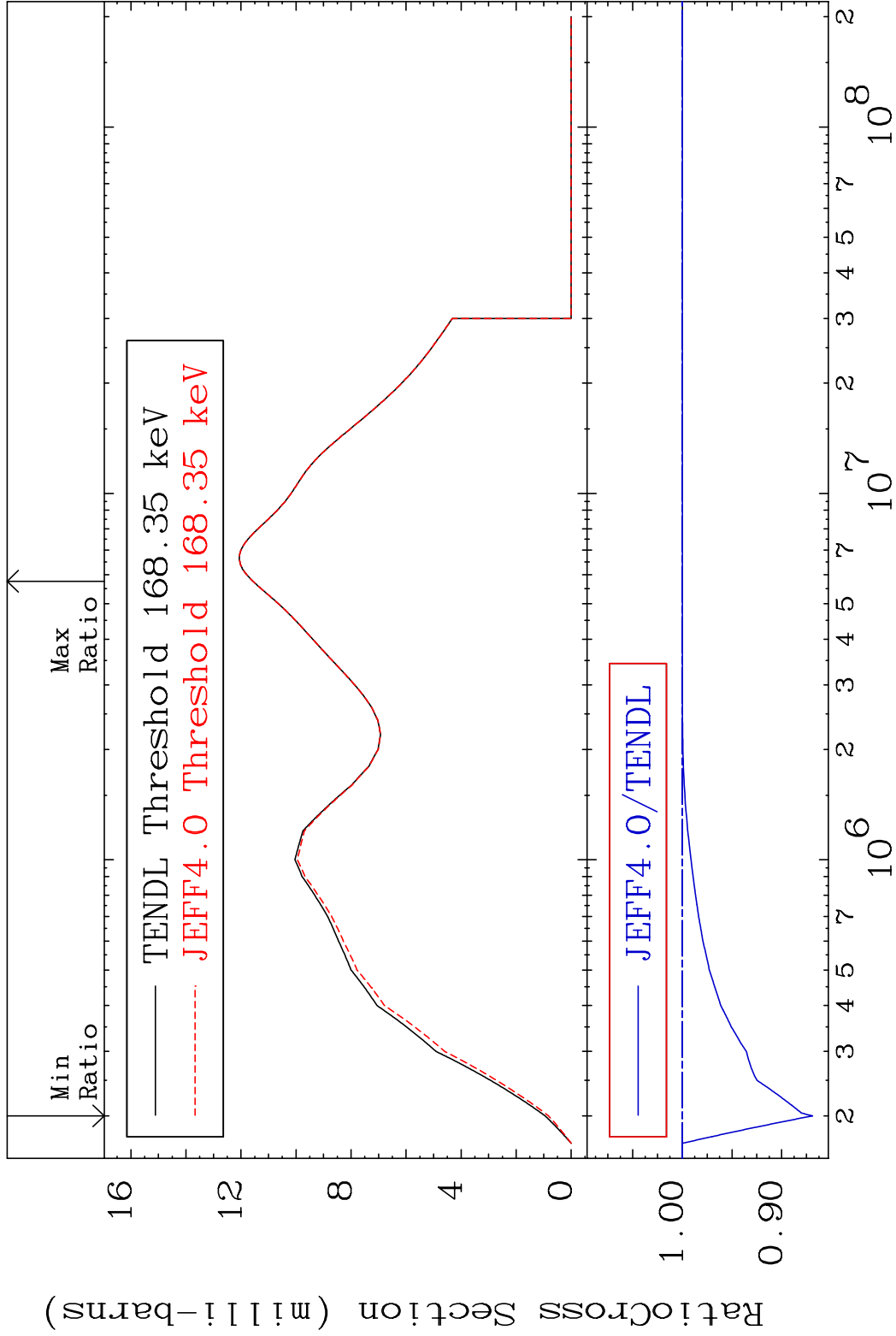
MAT 9749 MT= 56 (n,n') Level 97-Bk-248
 Cross Section -10.10 To 0.000 %



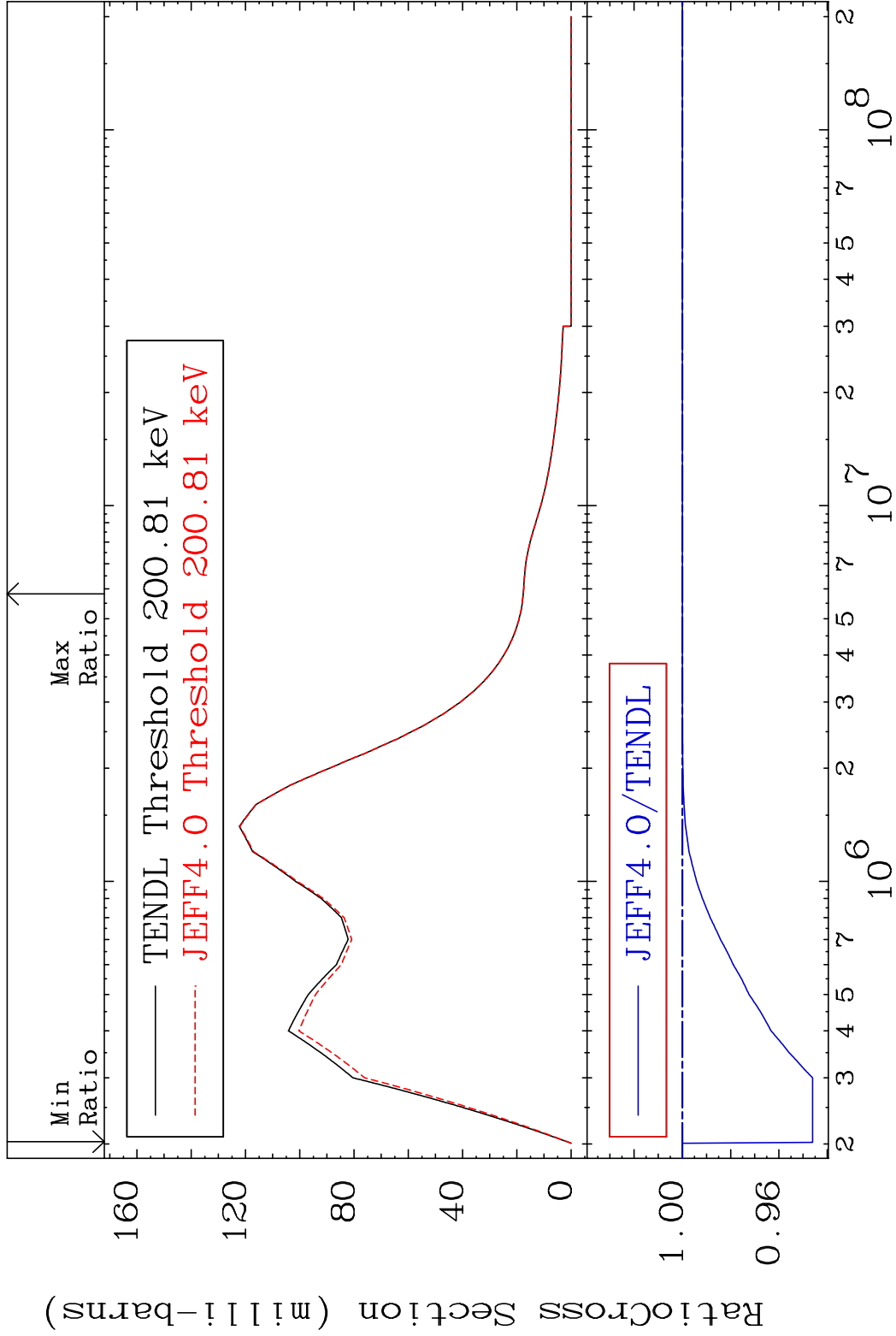
MAT 9749 MT= 57 (n,n') Level 97-Bk-248
Cross Section -9.322 To 0.005 %



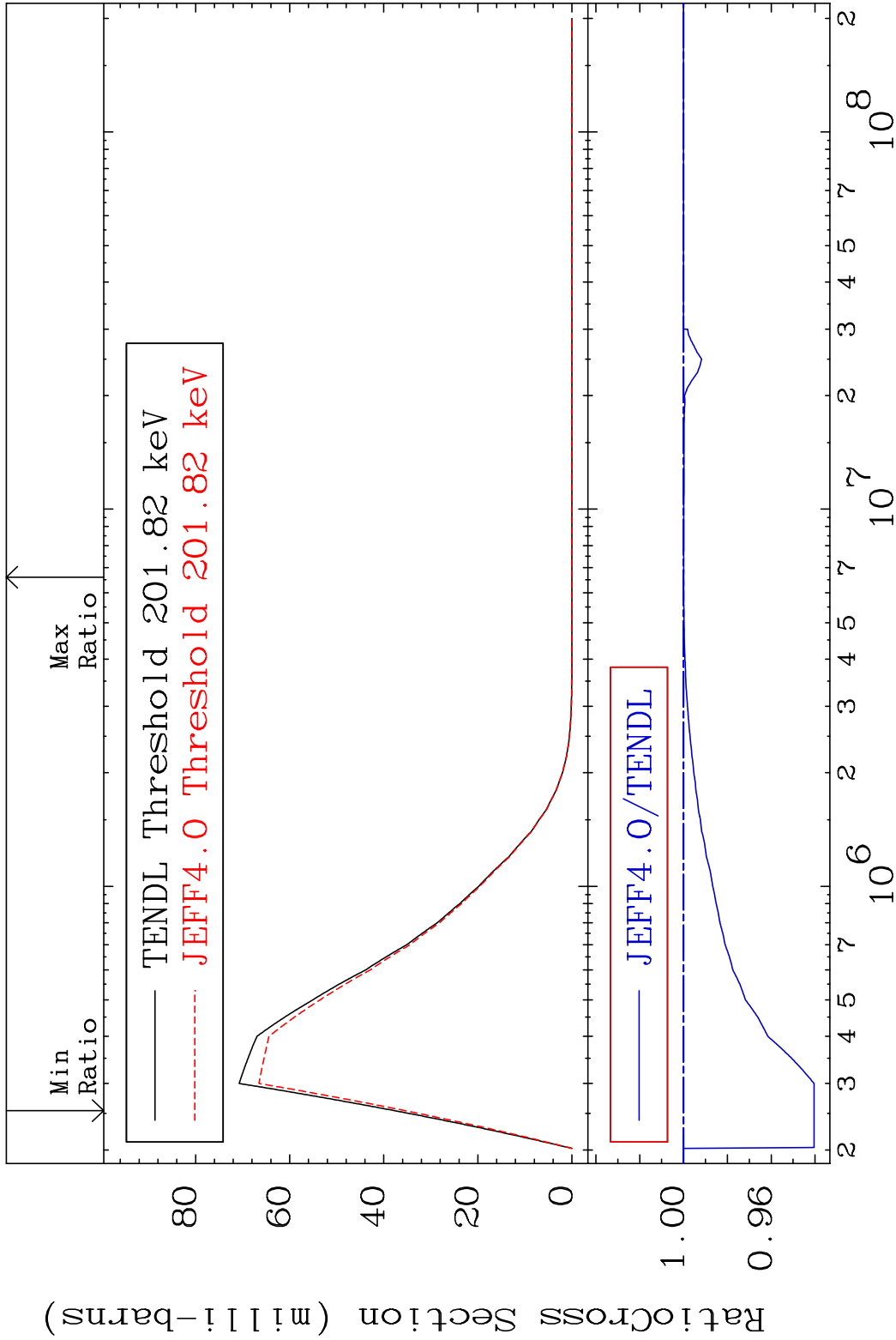
MAT 9749 MT= 58 (n,n') Level 97-Bk-248
 Cross Section -13.11 To 0.000 %

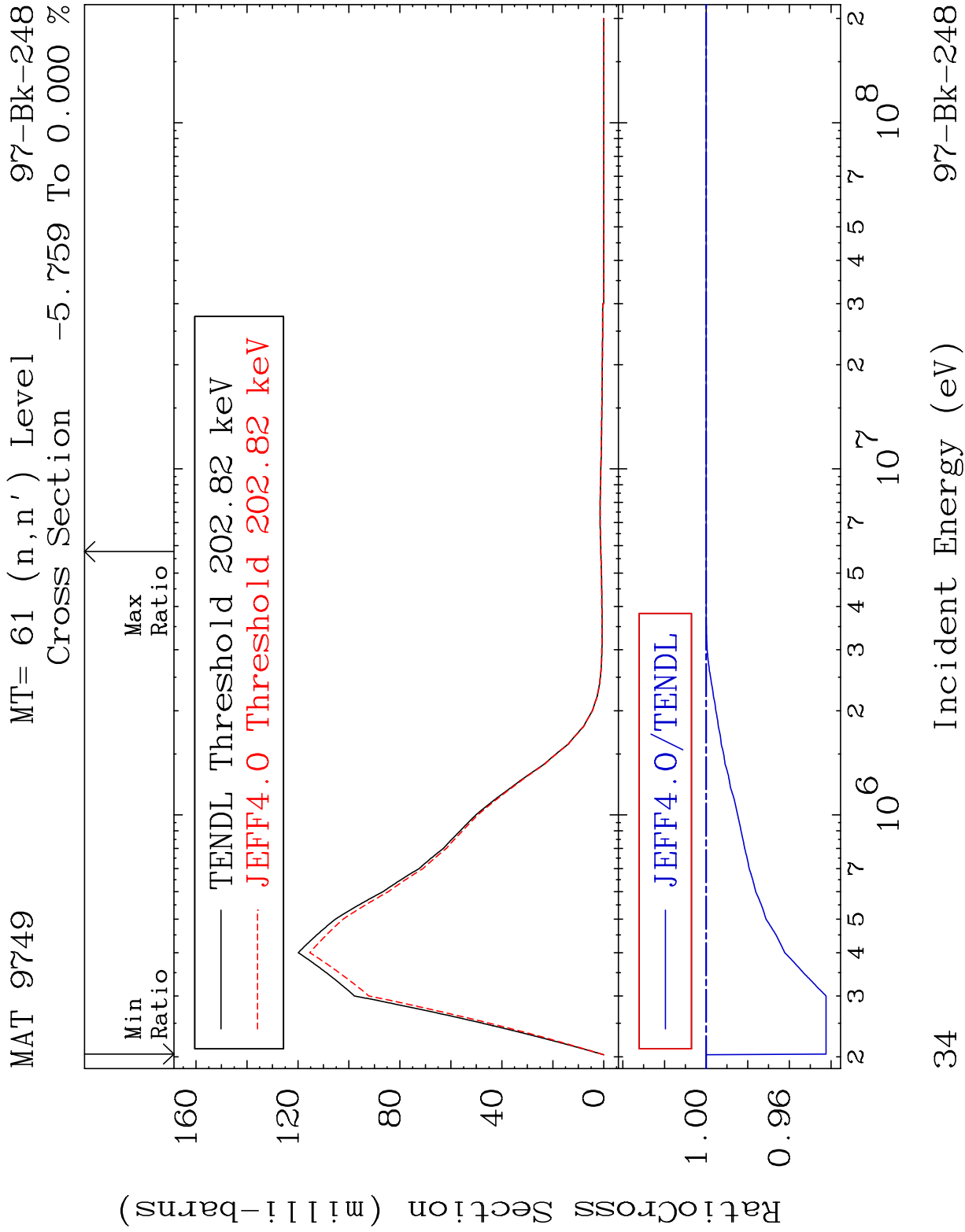


MAT 9749 MT= 59 (n,n') Level 97-Bk-248
Cross Section -5.395 To 0.000 %

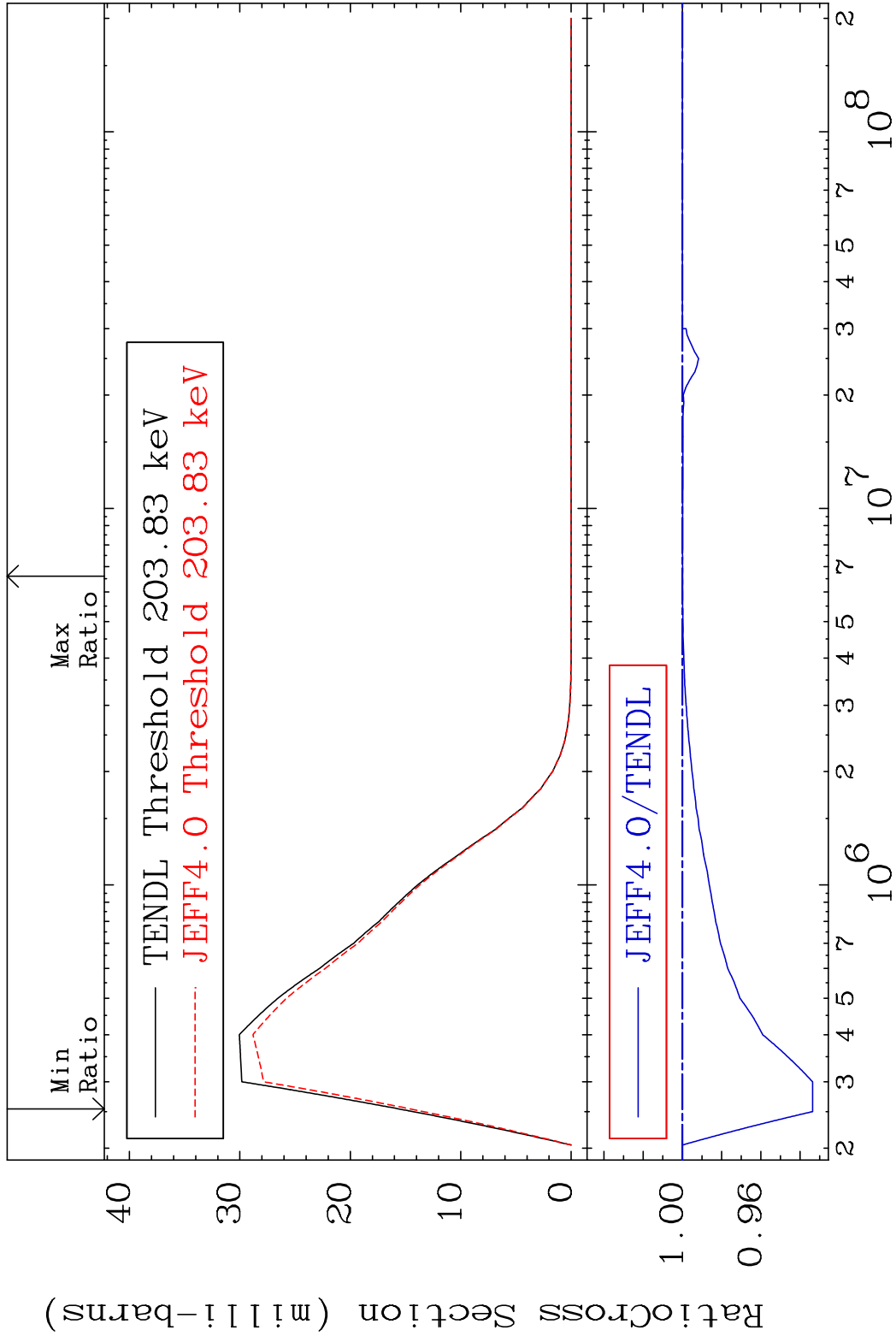


MAT 9749 MT= 60 (n,n') Level 97-Bk-248
 Cross Section -5.954 To 0.005 %





MAT 9749 MT= 62 (n,n') Level 97-Bk-248
 Cross Section -6.635 To 0.005 %



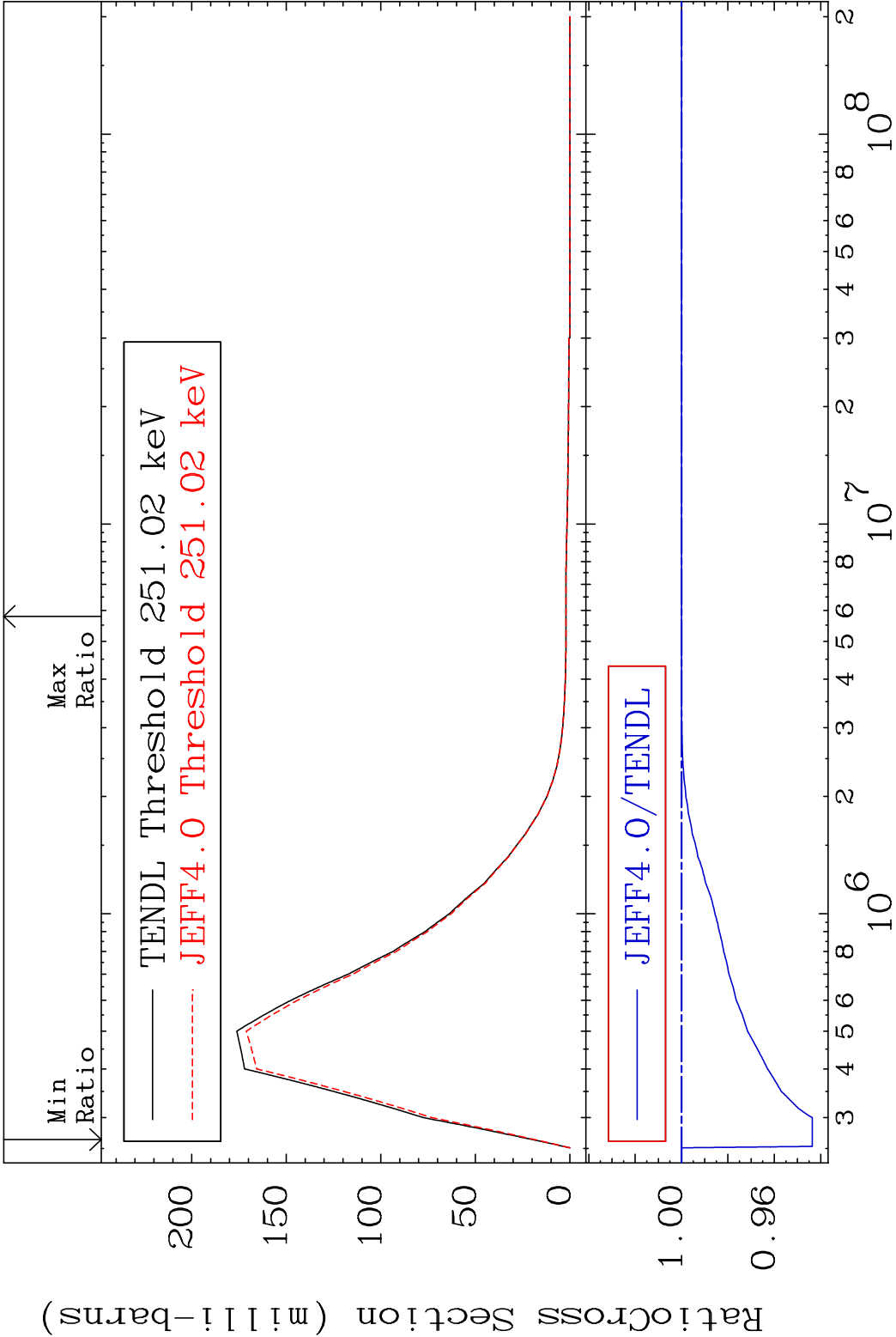
MAT 9749

MT= 63 (n,n') Level

97-Bk-248

Cross Section

-5.635 To 0.000 %



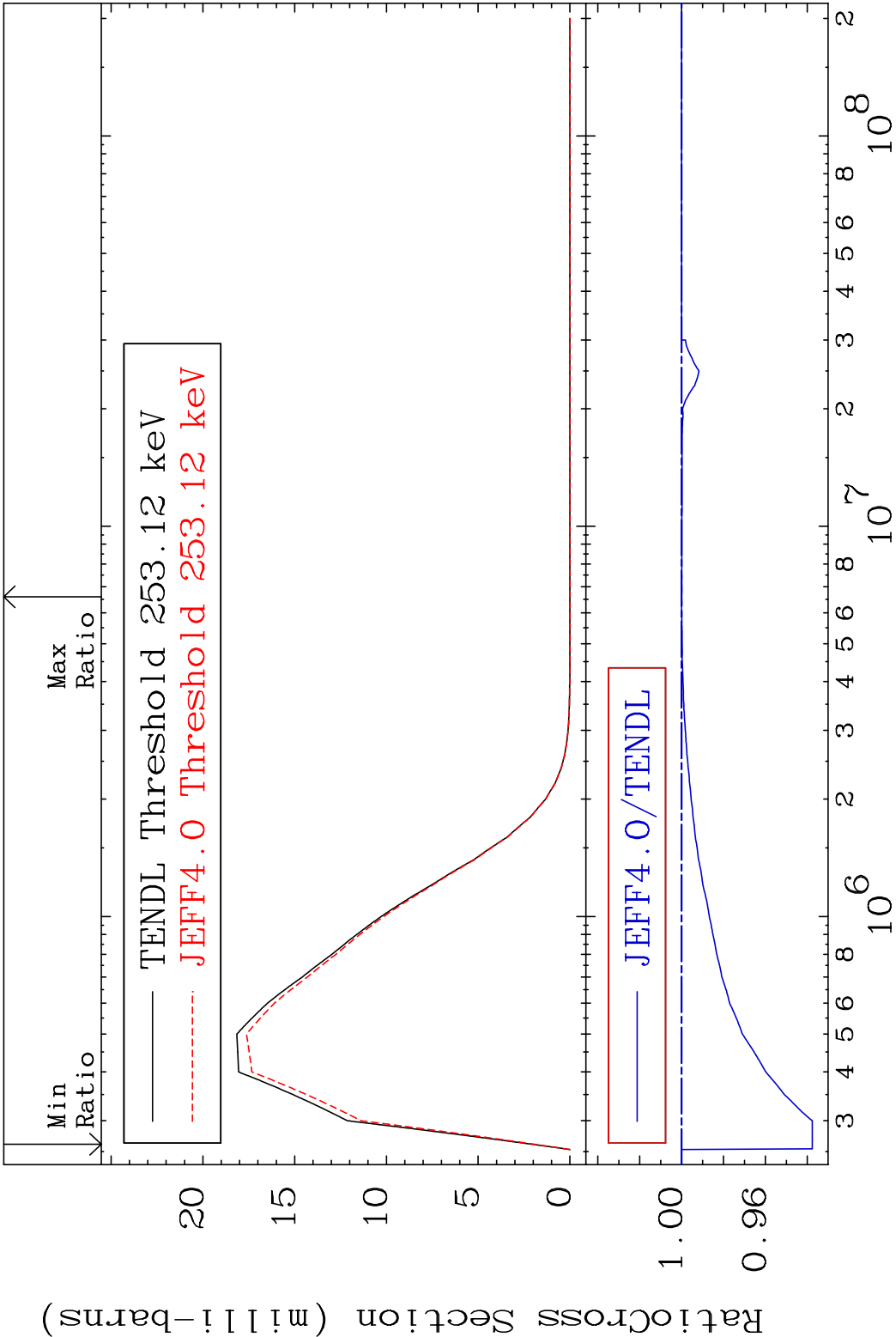
MAT 9749

MT= 64 (n,n') Level

97-Bk-248

Cross Section

-6.235 To 0.005 %



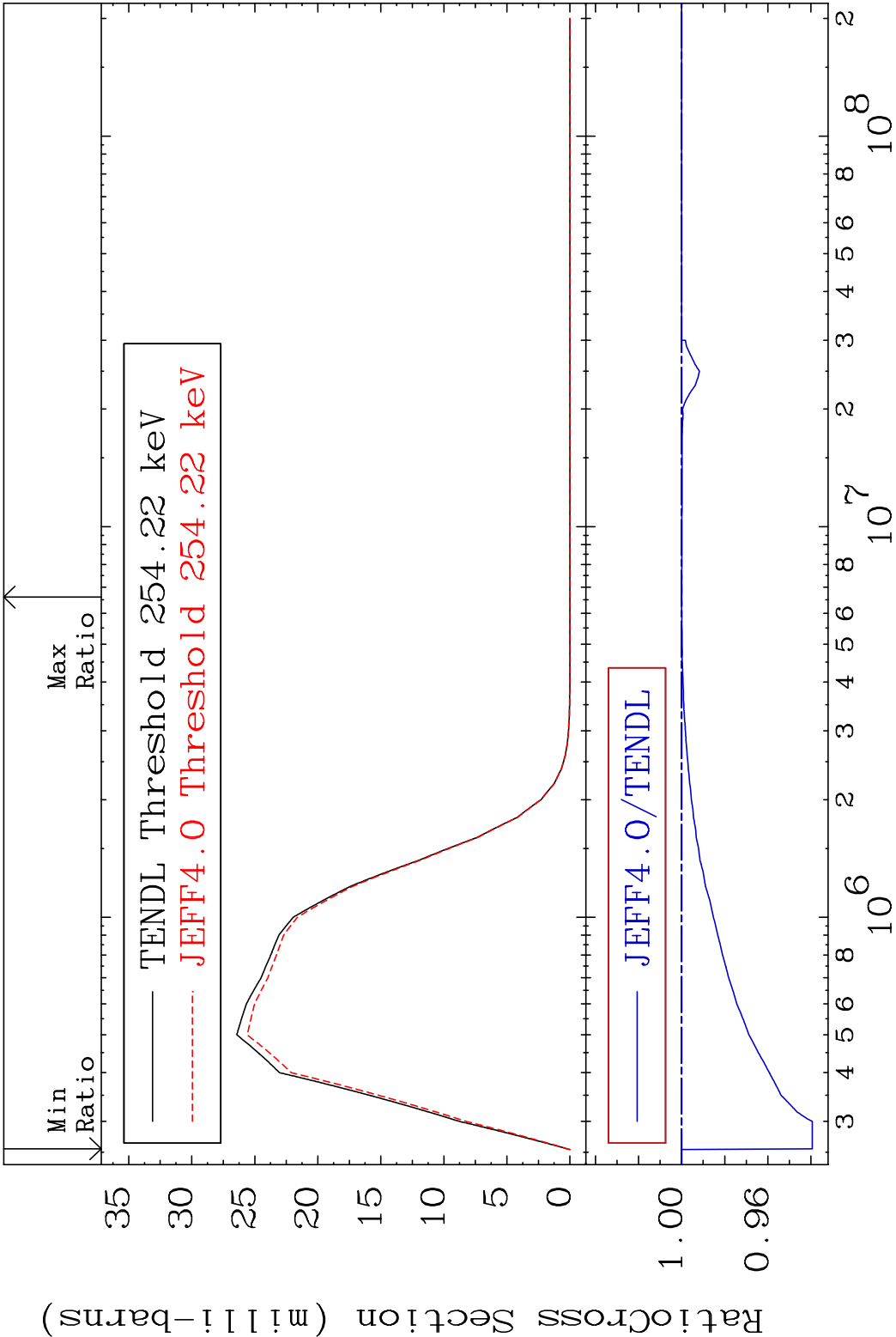
MAT 9749

MT= 65 (n,n') Level

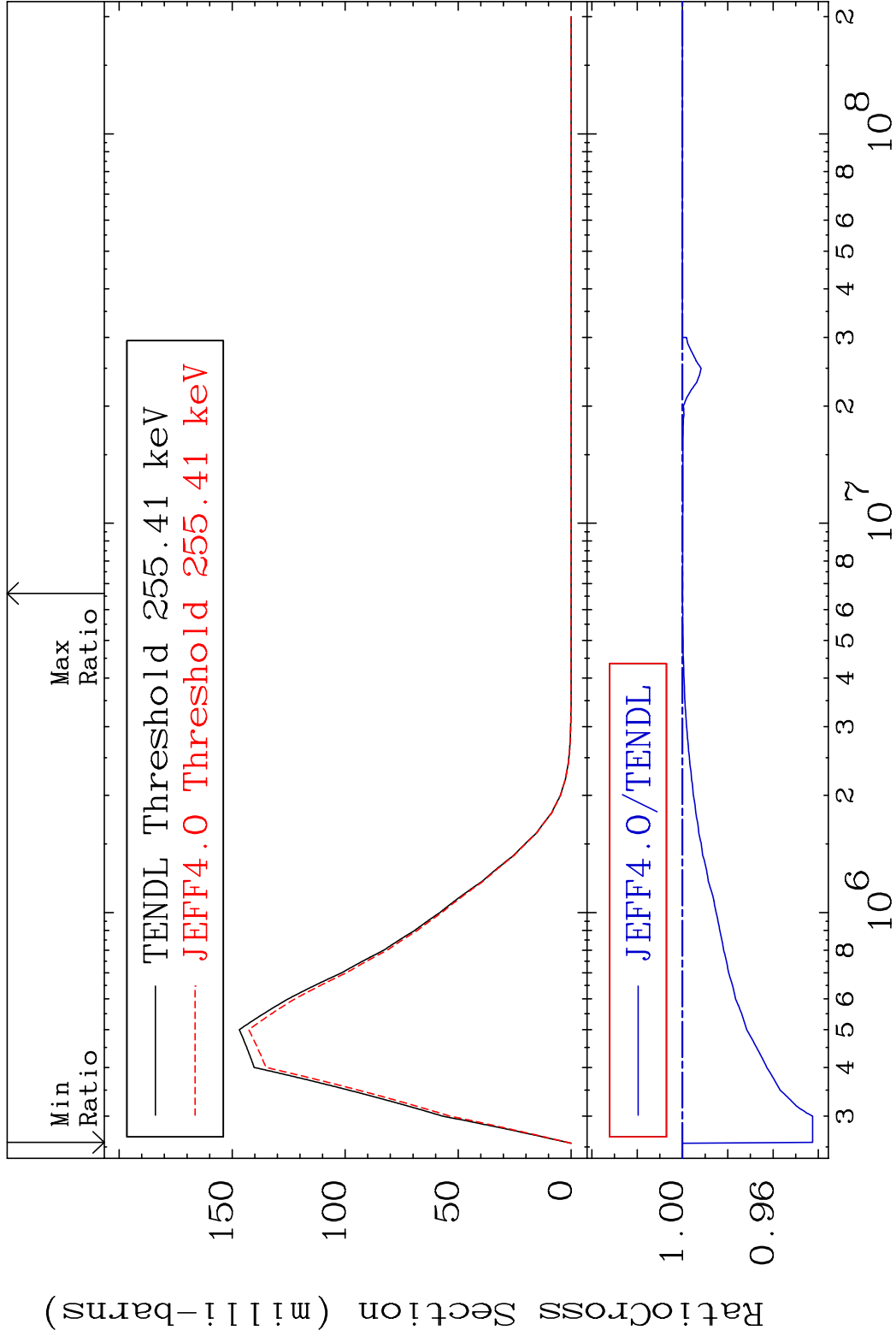
97-Bk-248

Cross Section

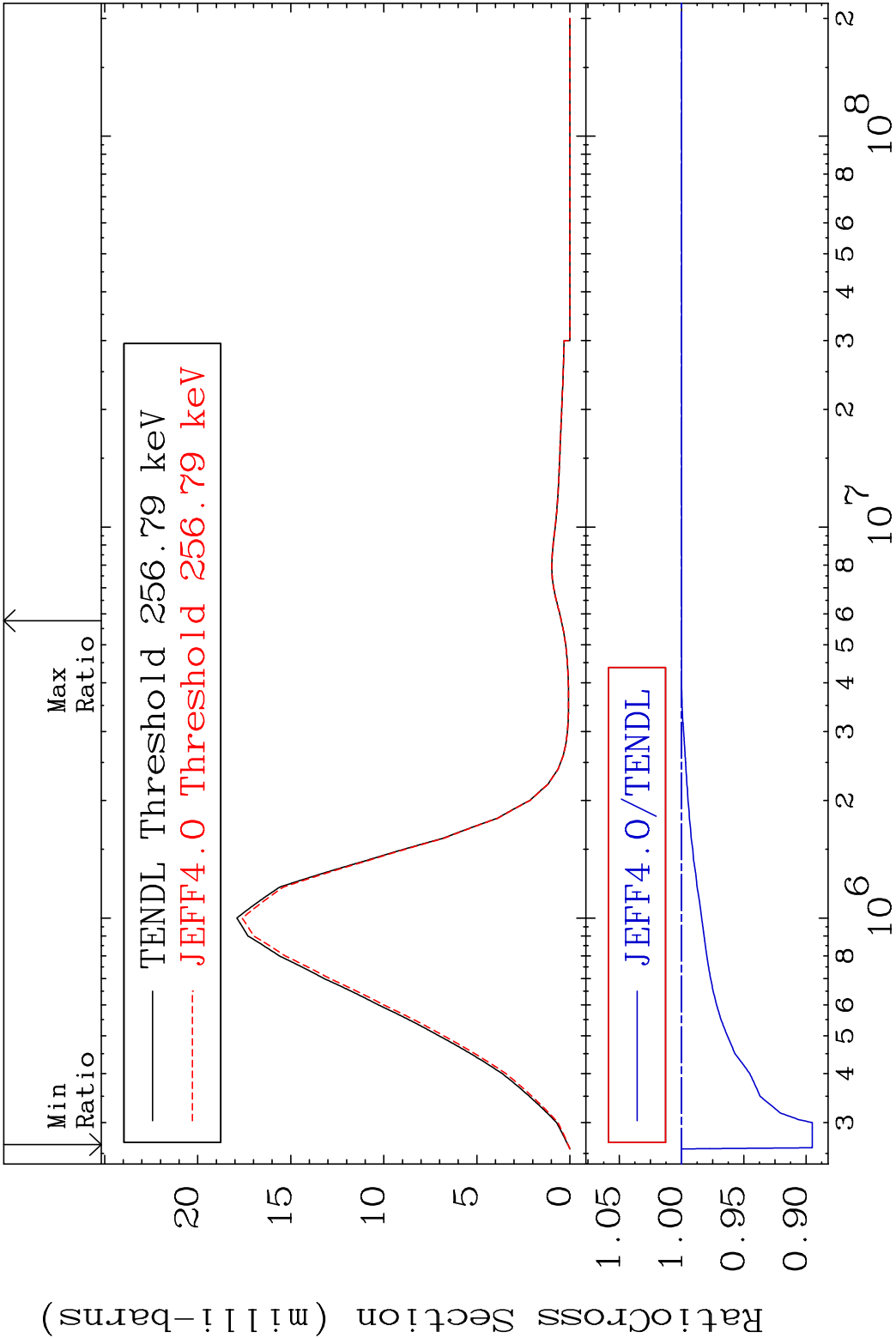
-6.059 To 0.005 %



MAT 9749 MT= 66 (n,n') Level 97-Bk-248
Cross Section -5.744 To 0.005 %



MAT 9749 MT= 67 (n,n') Level 97-Bk-248
 Cross Section -10.49 To 0.000 %



MAT 9749

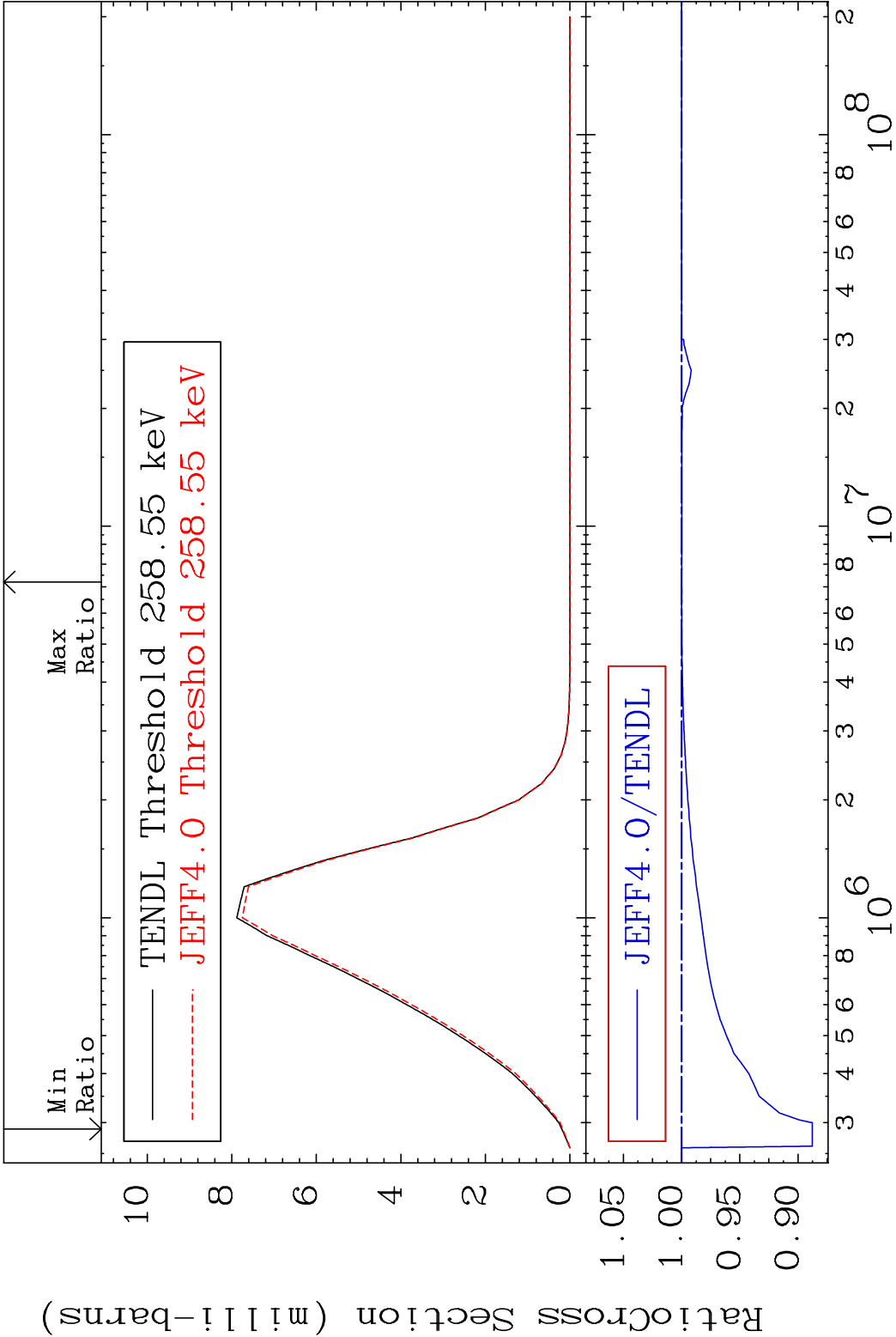
MT= 68 (n,n')

Level

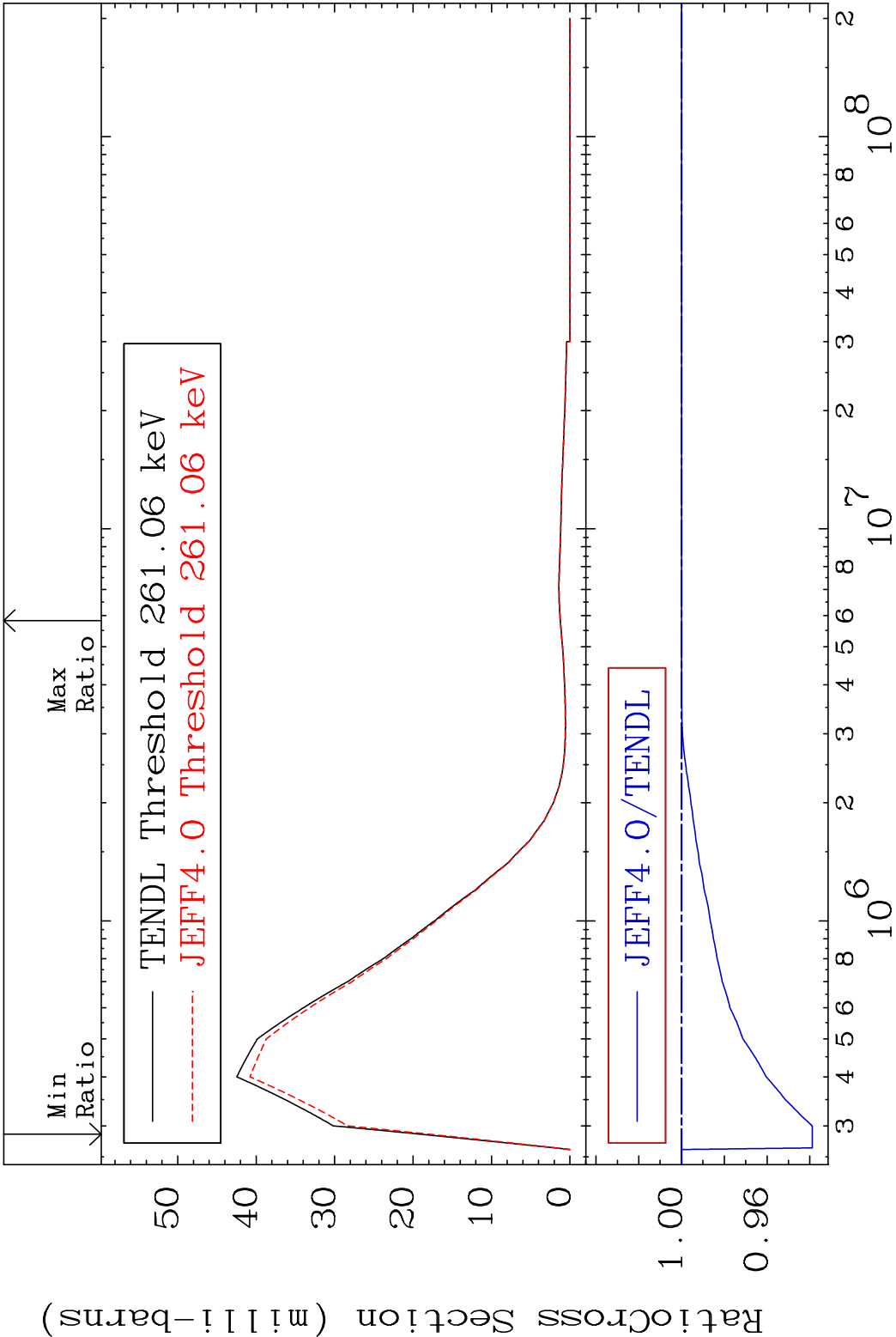
97-Bk-248

Cross Section

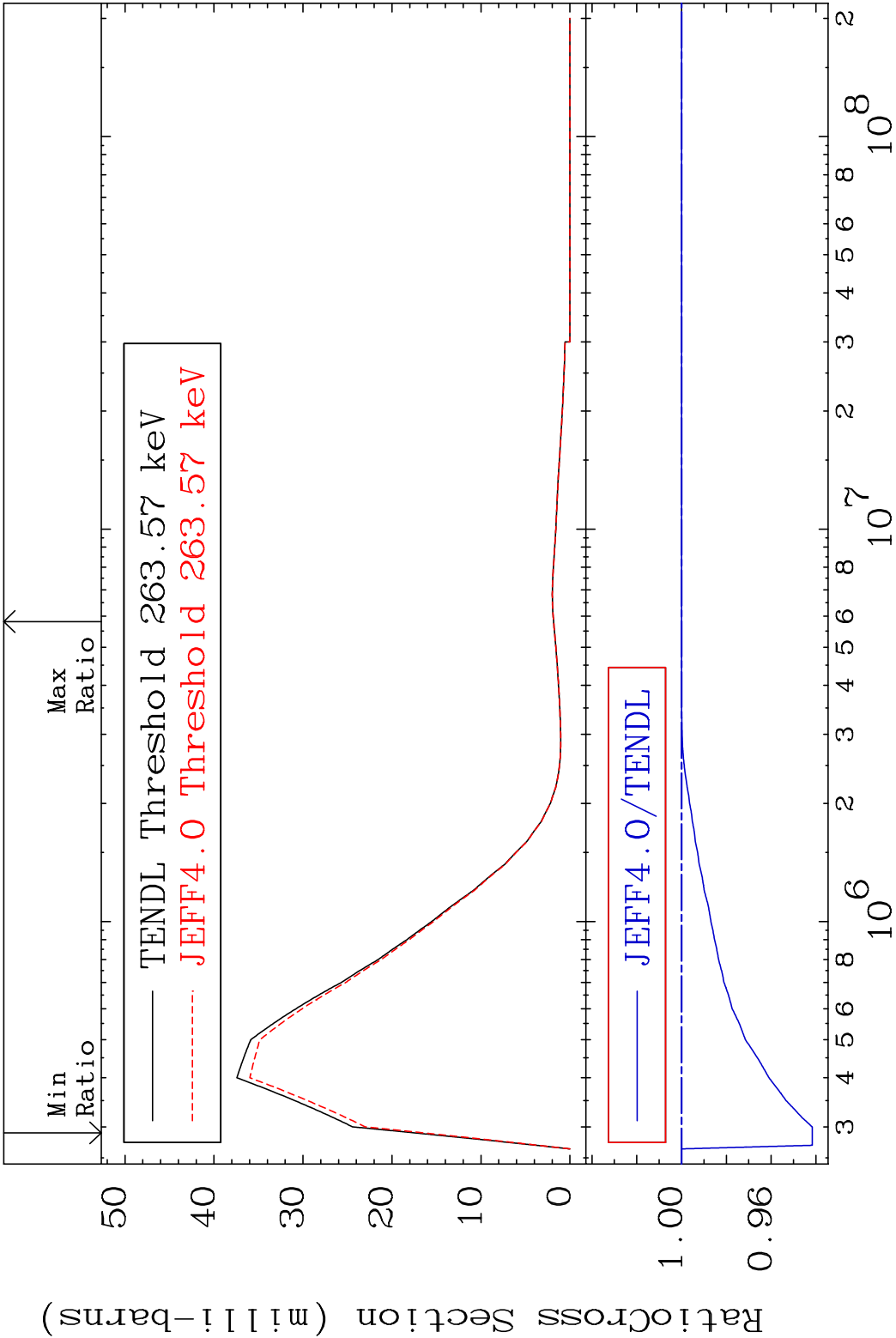
-11.22 To 0.004 %



MAT 9749 MT= 69 (n,n') Level 97-Bk-248
 Cross Section -6.110 To 0.000 %



MAT 9749 MT= 70 (n,n') Level 97-Bk-248
 Cross Section -5.836 To 0.000 %



43 Incident Energy (eV) 97-Bk-248

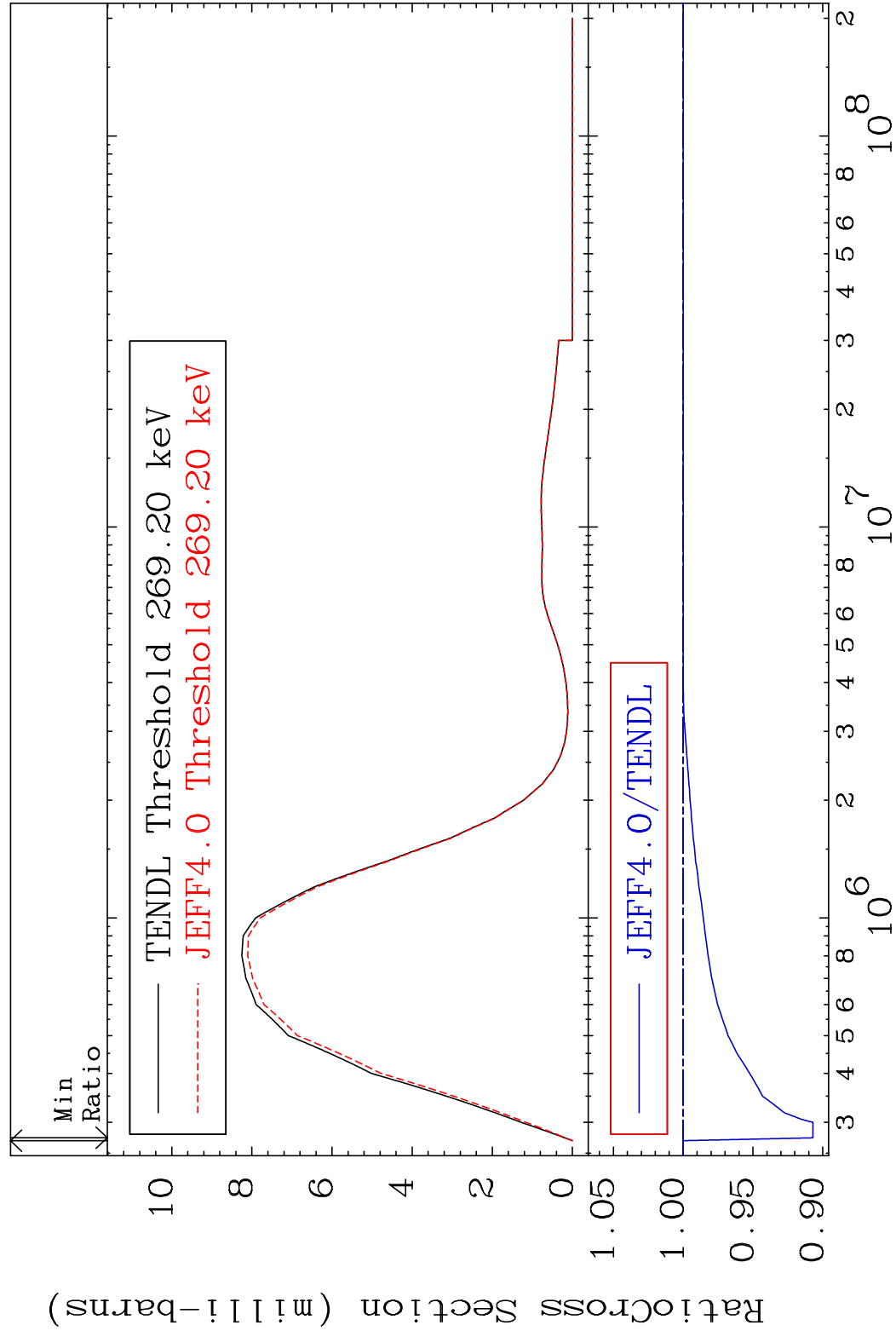
MAT 9749

MT= 71 (n,n') Level

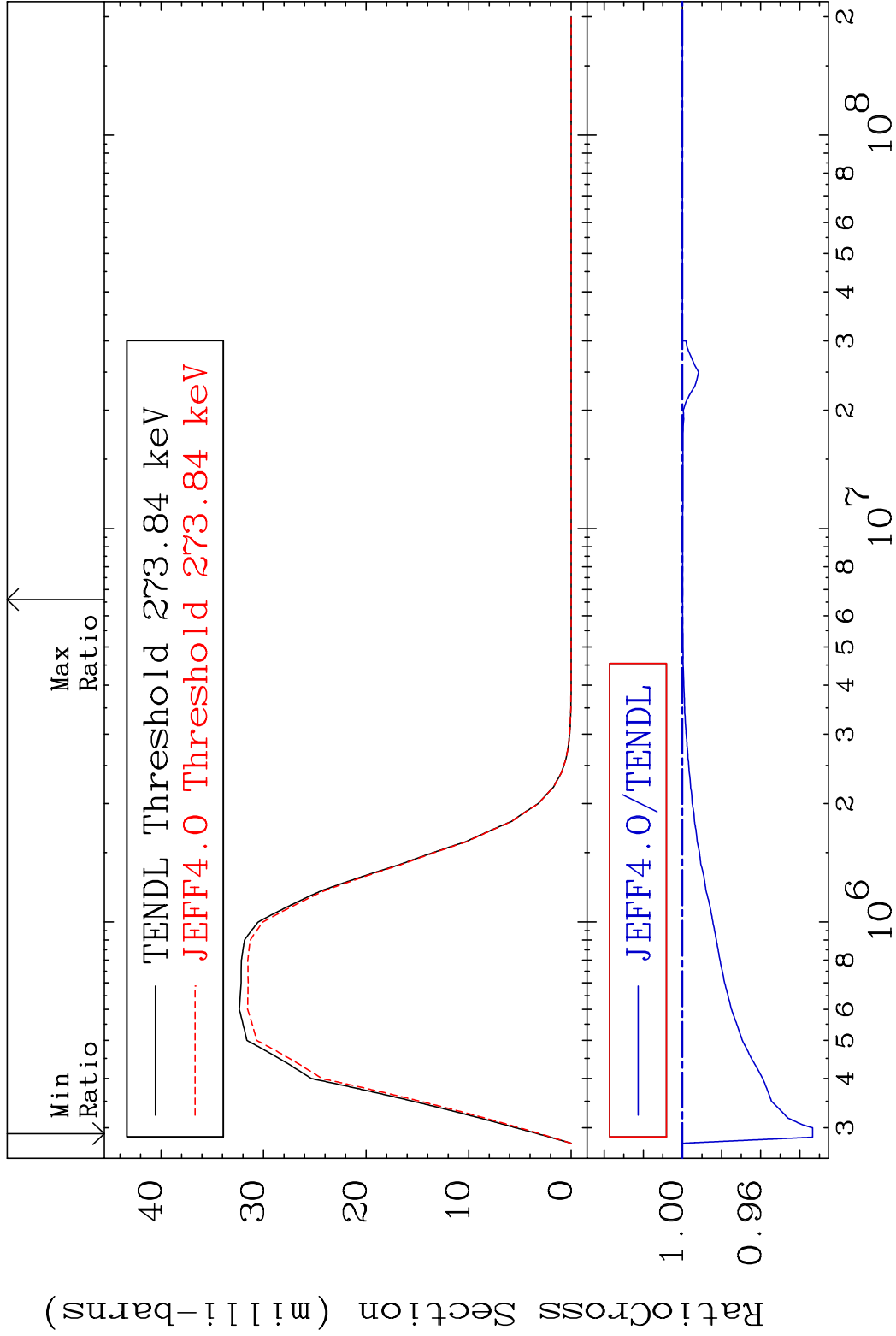
97-Bk-248

Cross Section

-9.292 To 0.000 %

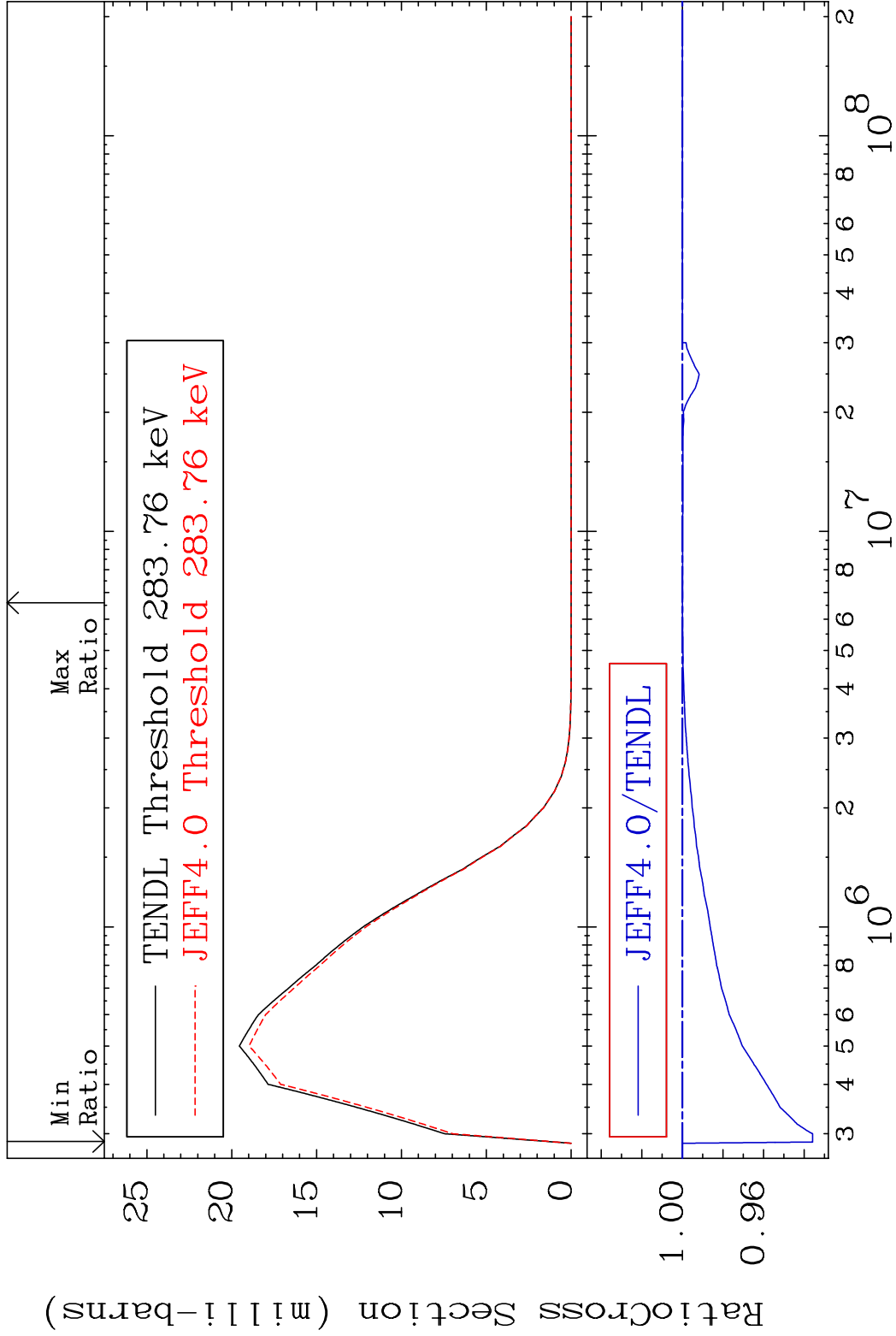


MAT 9749 MT= 72 (n,n') Level 97-Bk-248
Cross Section -6.649 To 0.004 %

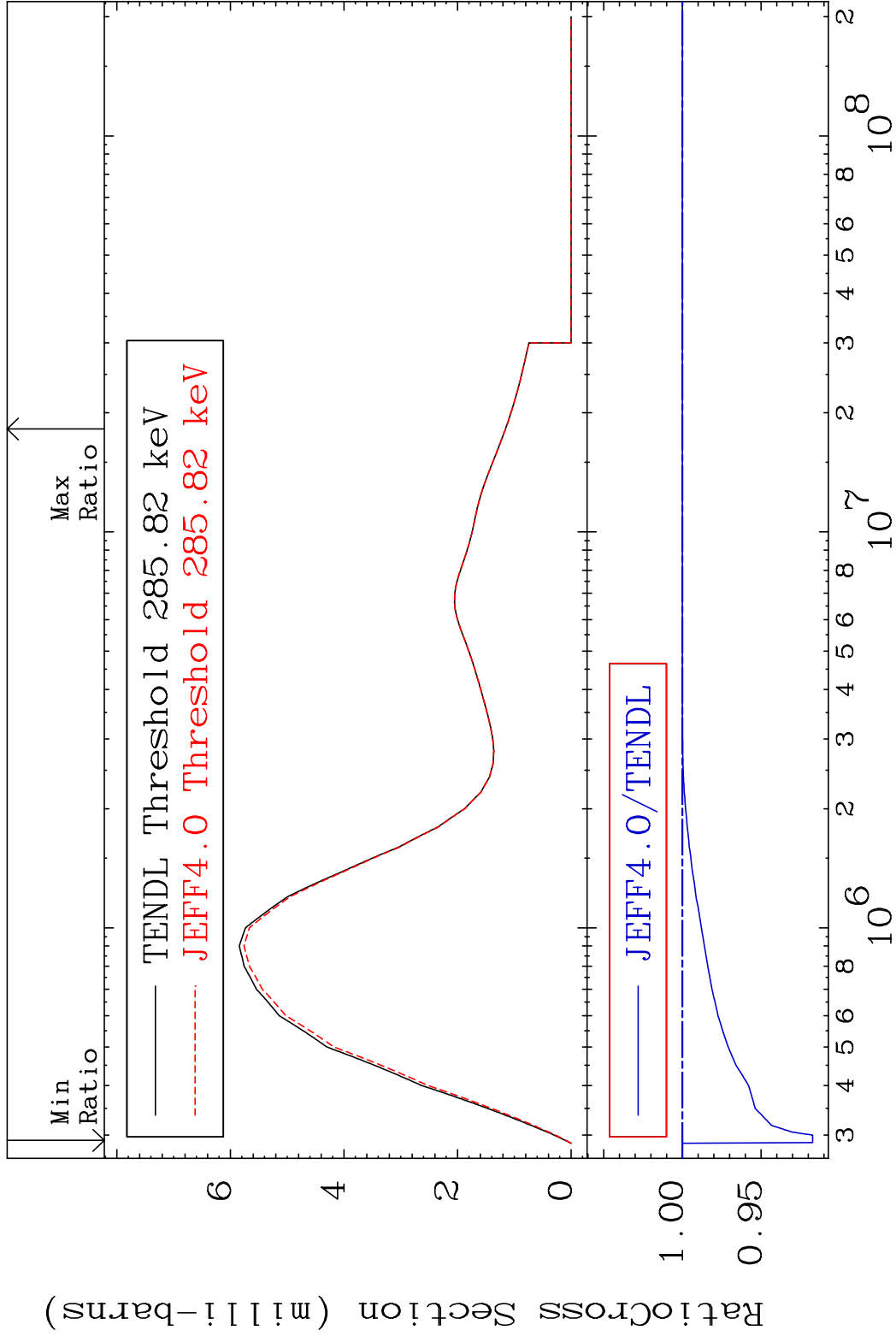


45 Incident Energy (eV) 97-Bk-248

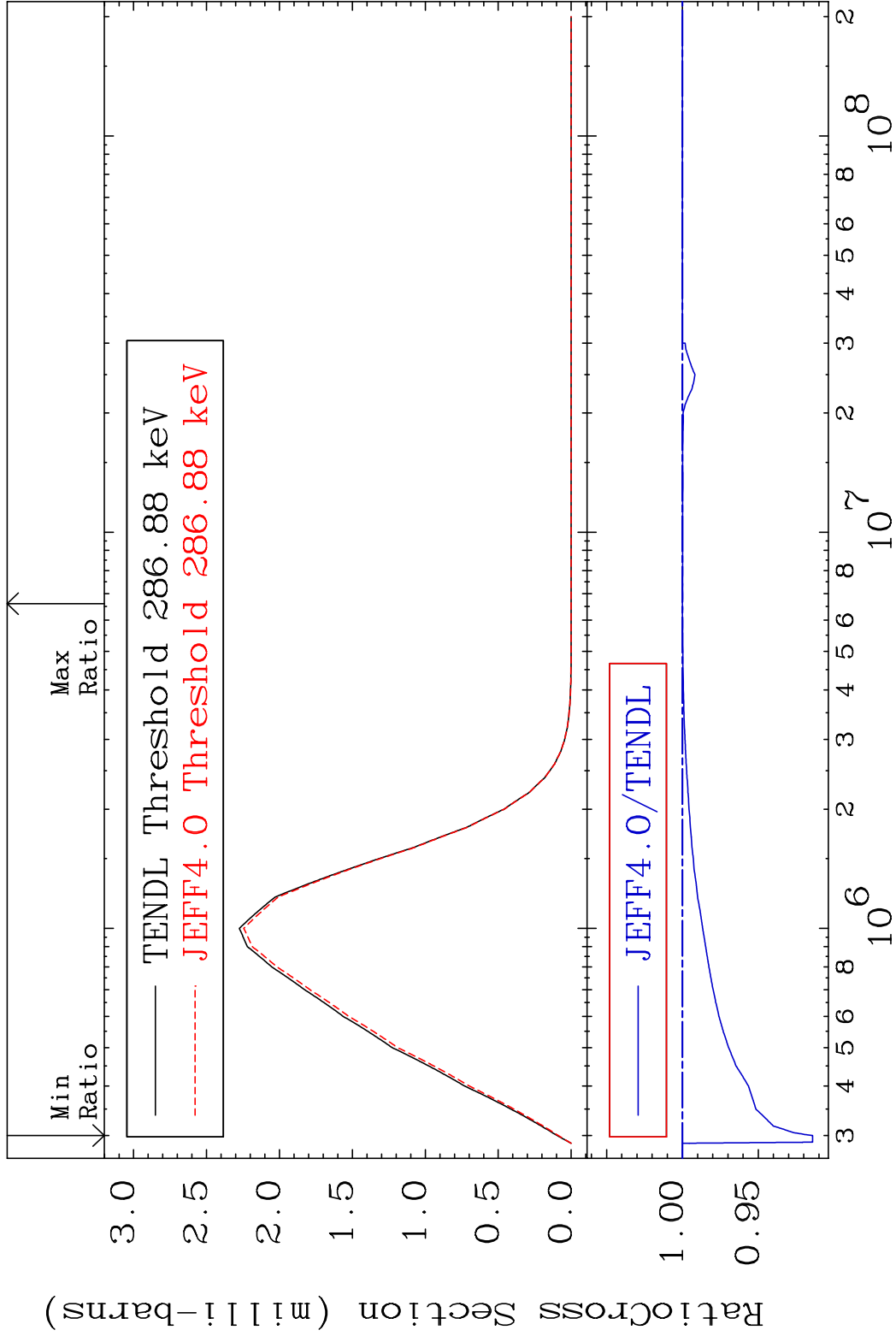
MAT 9749 MT= 73 (n,n') Level 97-Bk-248
Cross Section -6.414 To 0.005 %



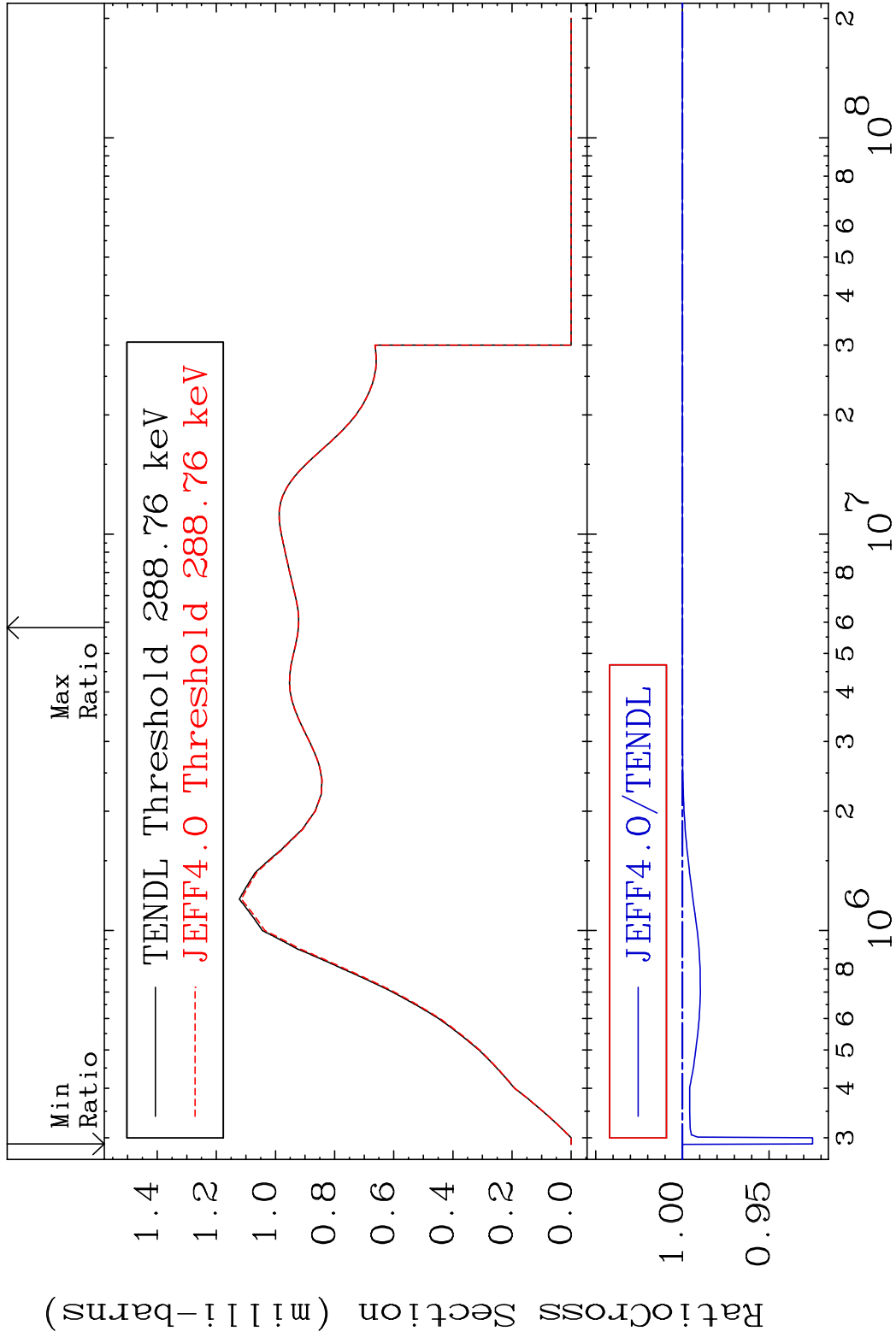
MAT 9749 MT= 74 (n,n') Level 97-Bk-248
Cross Section -8.275 To 0.000 %



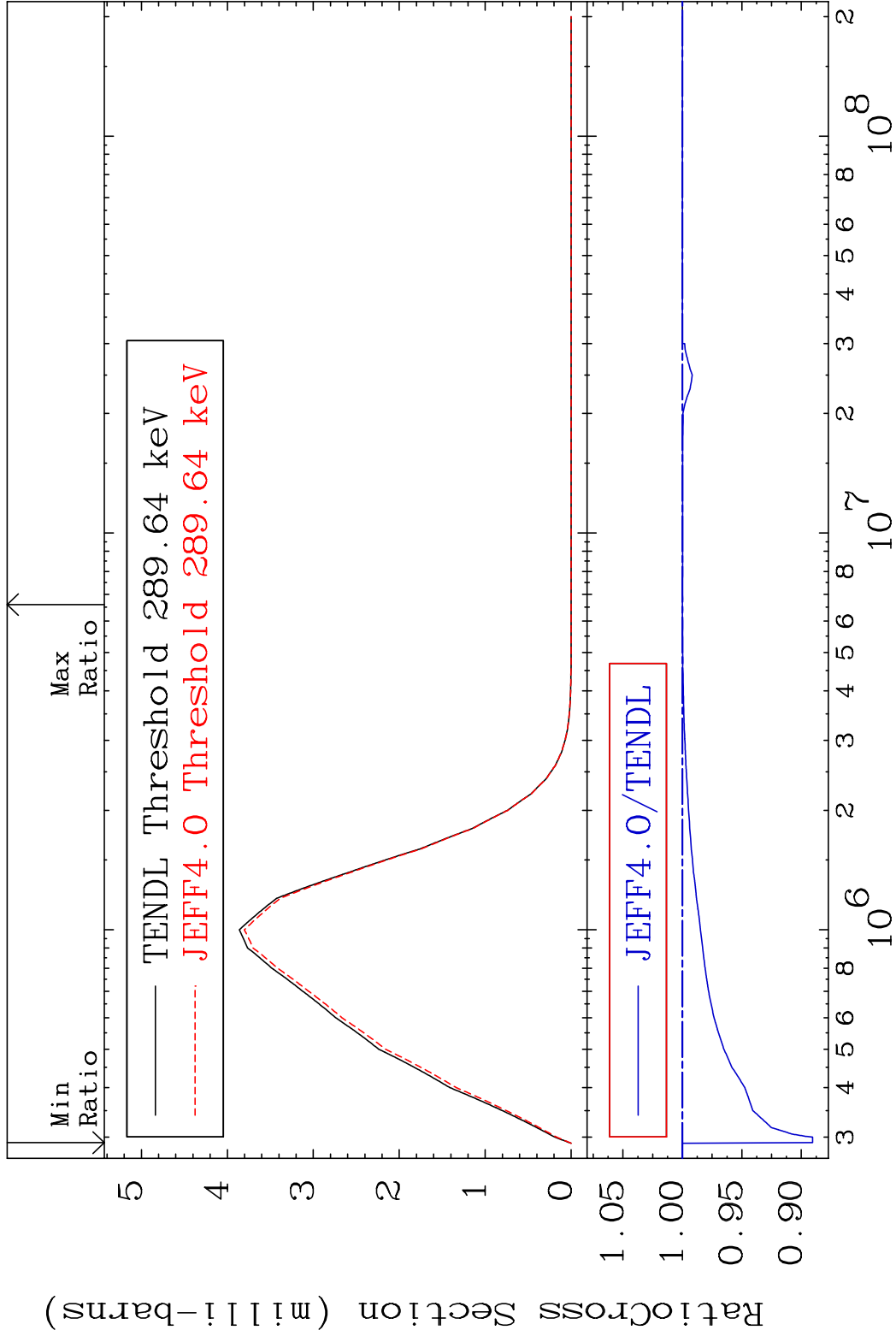
MAT 9749 MT= 75 (n,n') Level 97-Bk-248
Cross Section -8.579 To 0.005 %



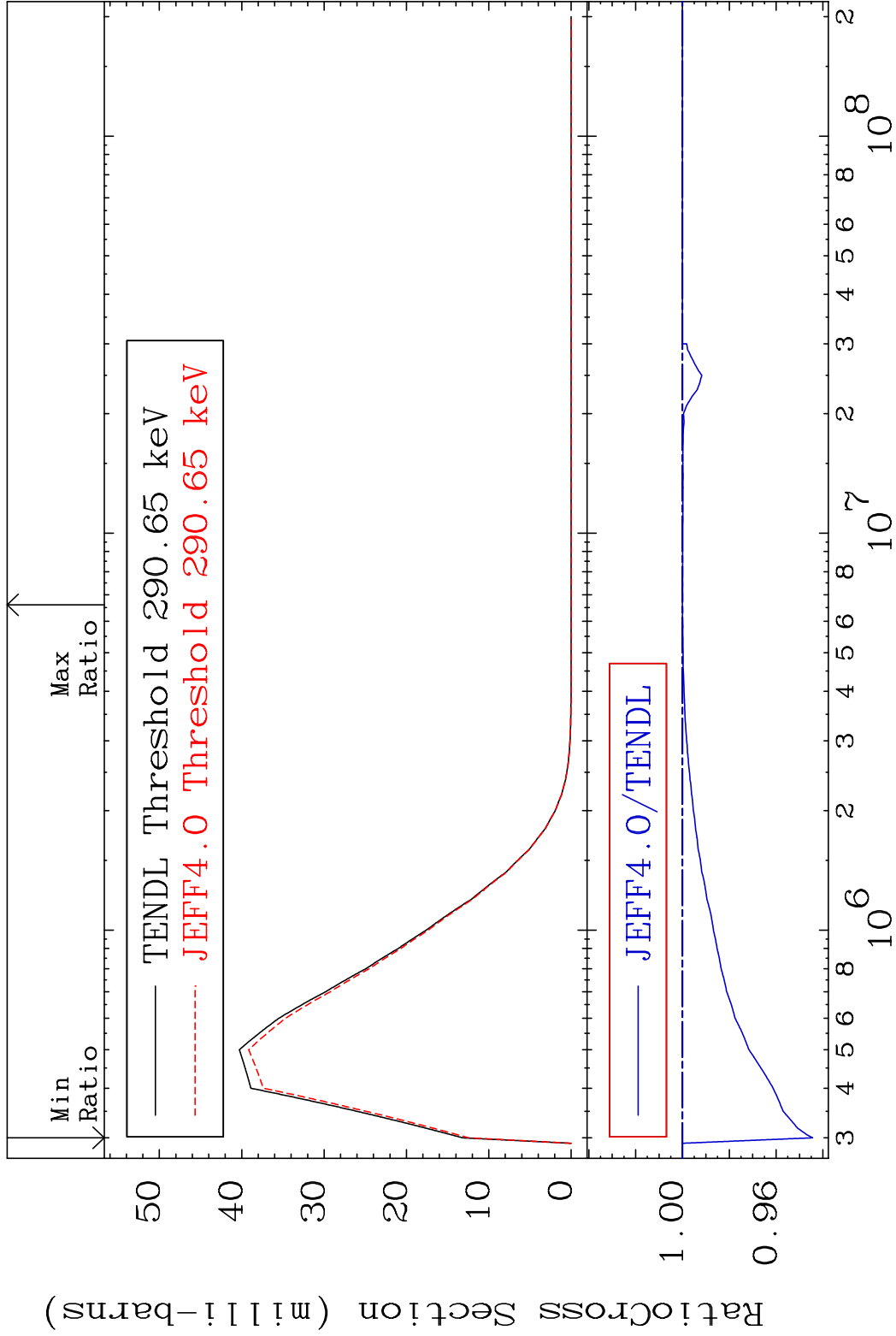
MAT 9749 MT= 76 (n,n') Level 97-Bk-248
Cross Section -7.512 To 0.000 %



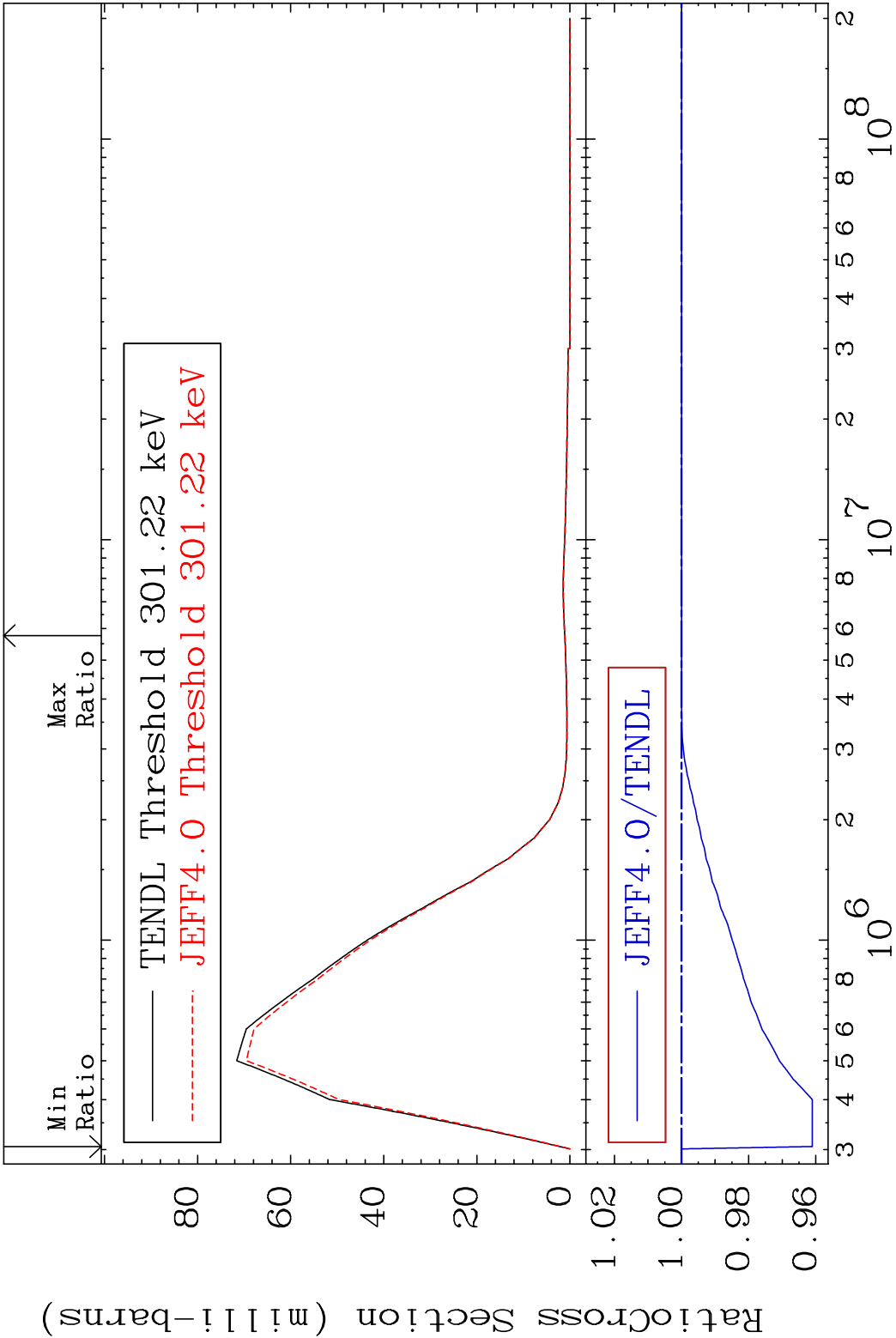
MAT 9749 MT= 77 (n,n') Level 97-Bk-248
Cross Section -10.95 To 0.004 %



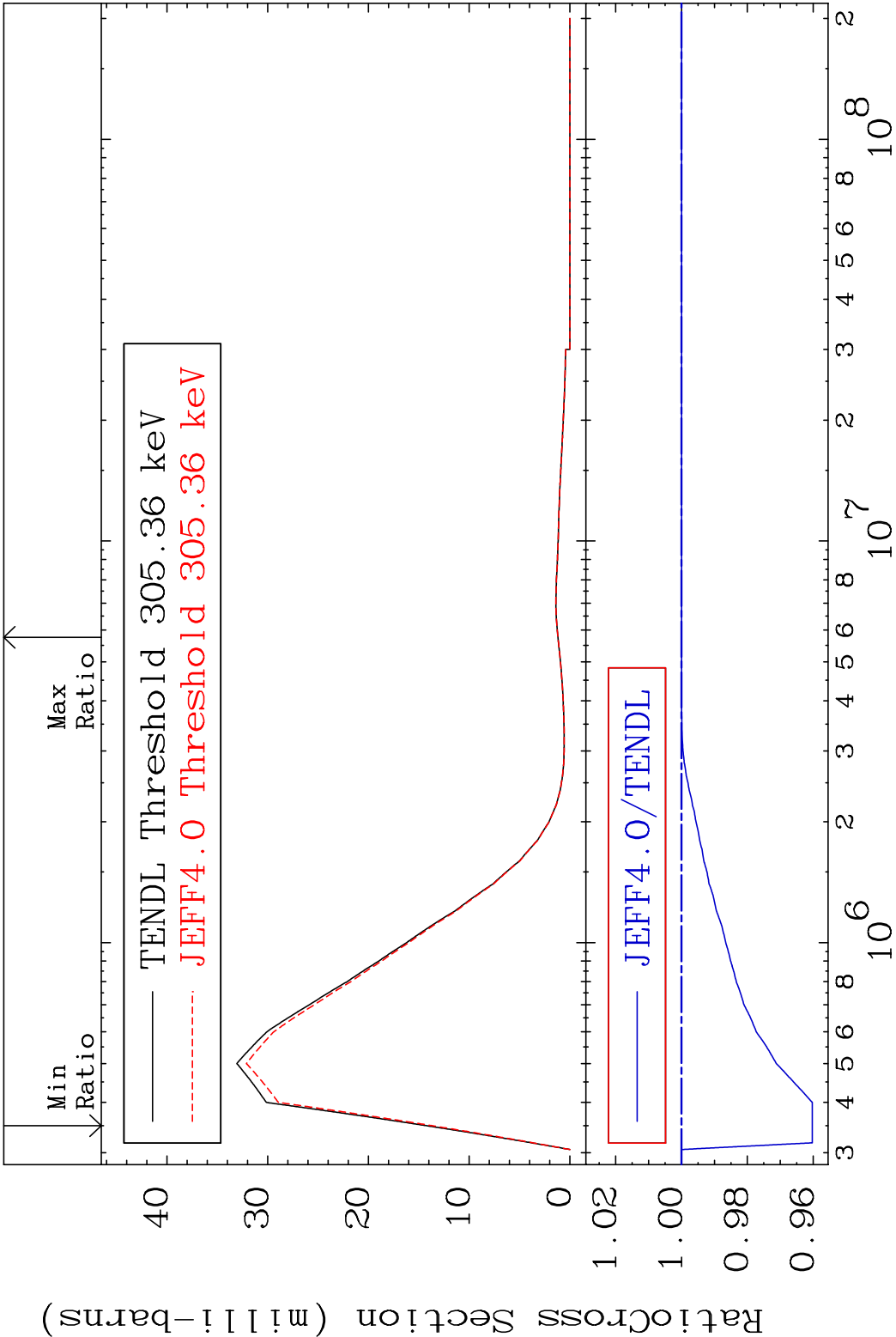
MAT 9749 MT= 78 (n,n') Level 97-Bk-248
Cross Section -5.555 To 0.005 %

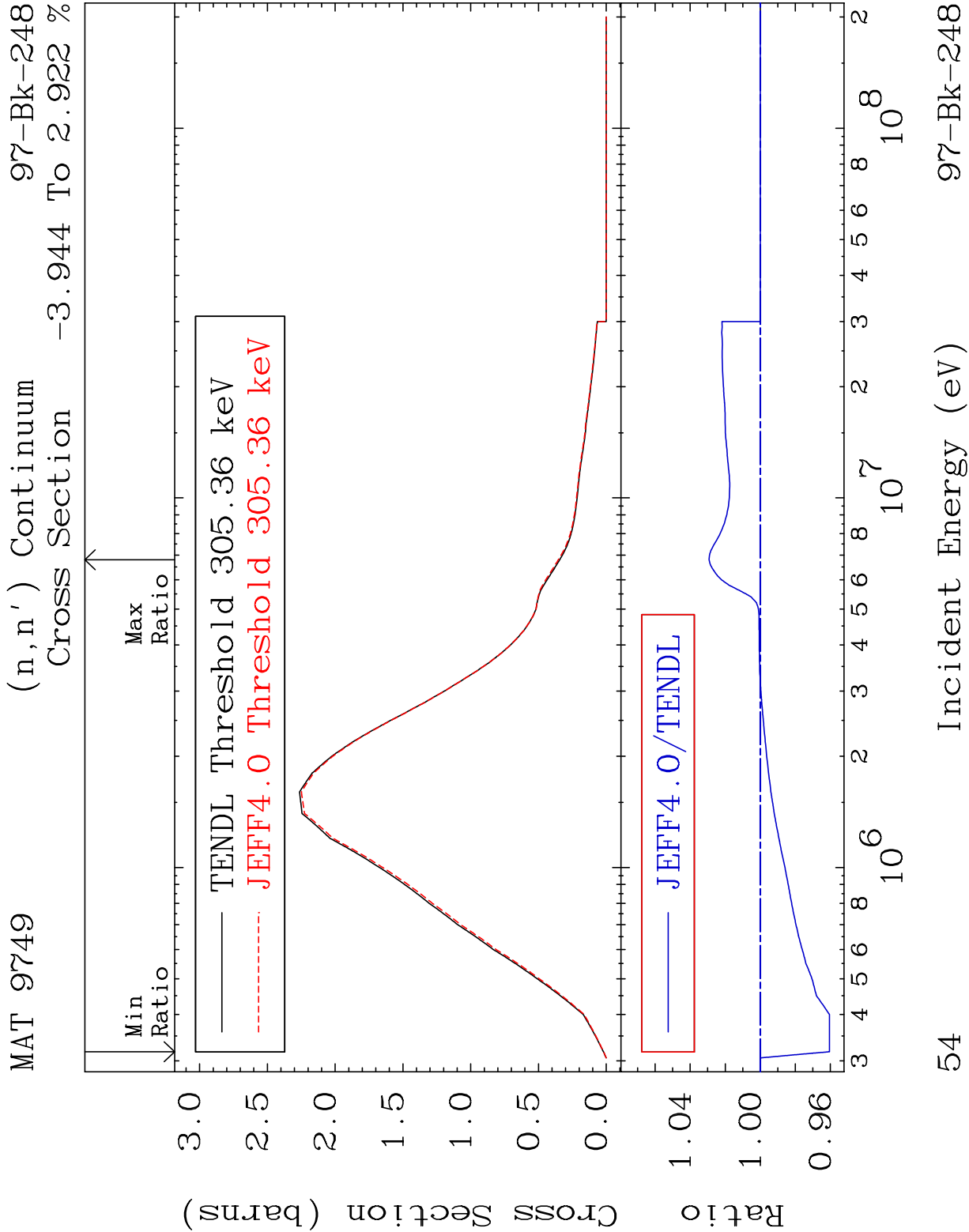


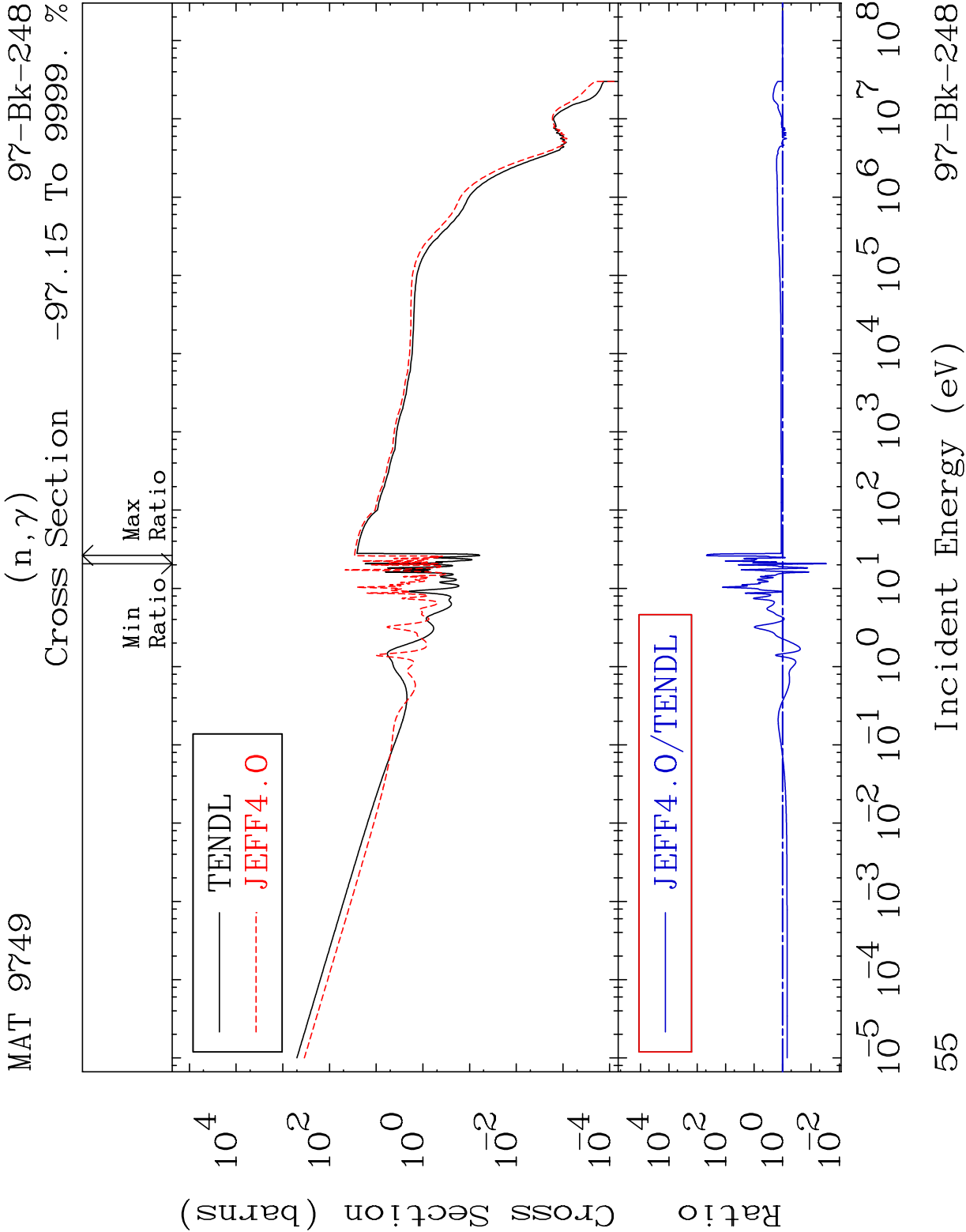
MAT 9749 MT= 79 (n,n') Level 97-Bk-248
 Cross Section -3.894 To 0.000 %



MAT 9749 MT= 80 (n,n') Level 97-Bk-248
 Cross Section -3.970 To 0.000 %







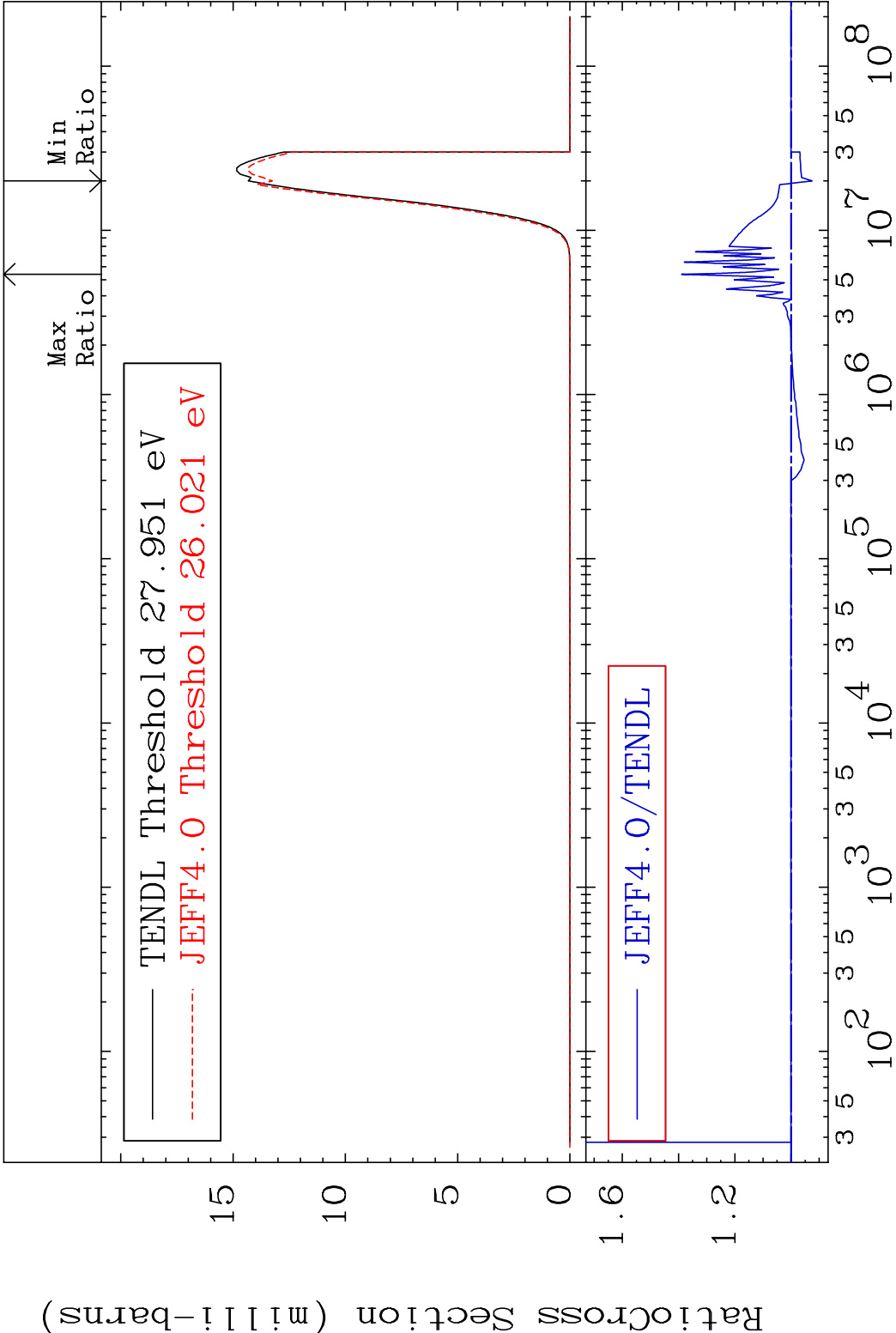
MAT 9749

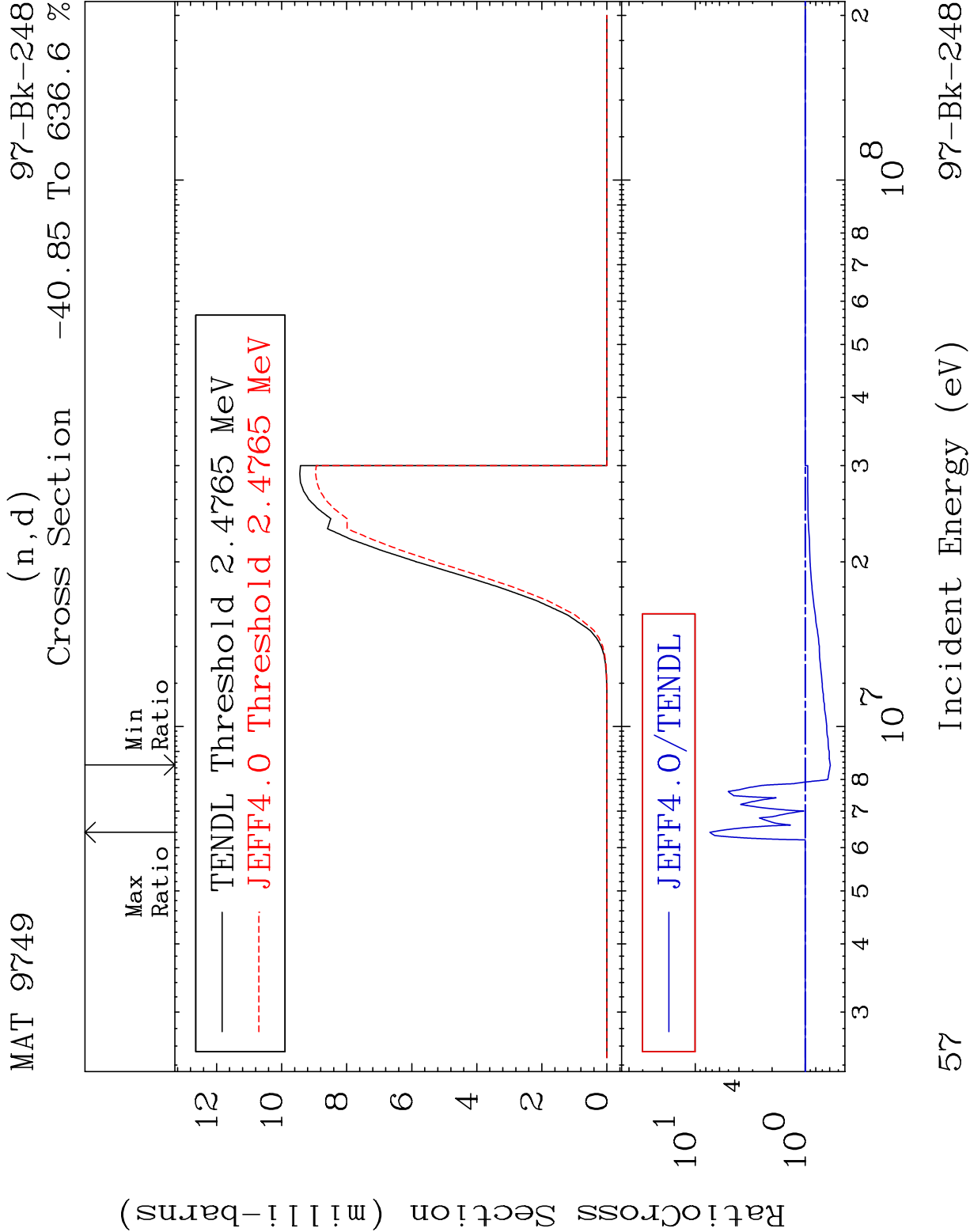
(n,p)

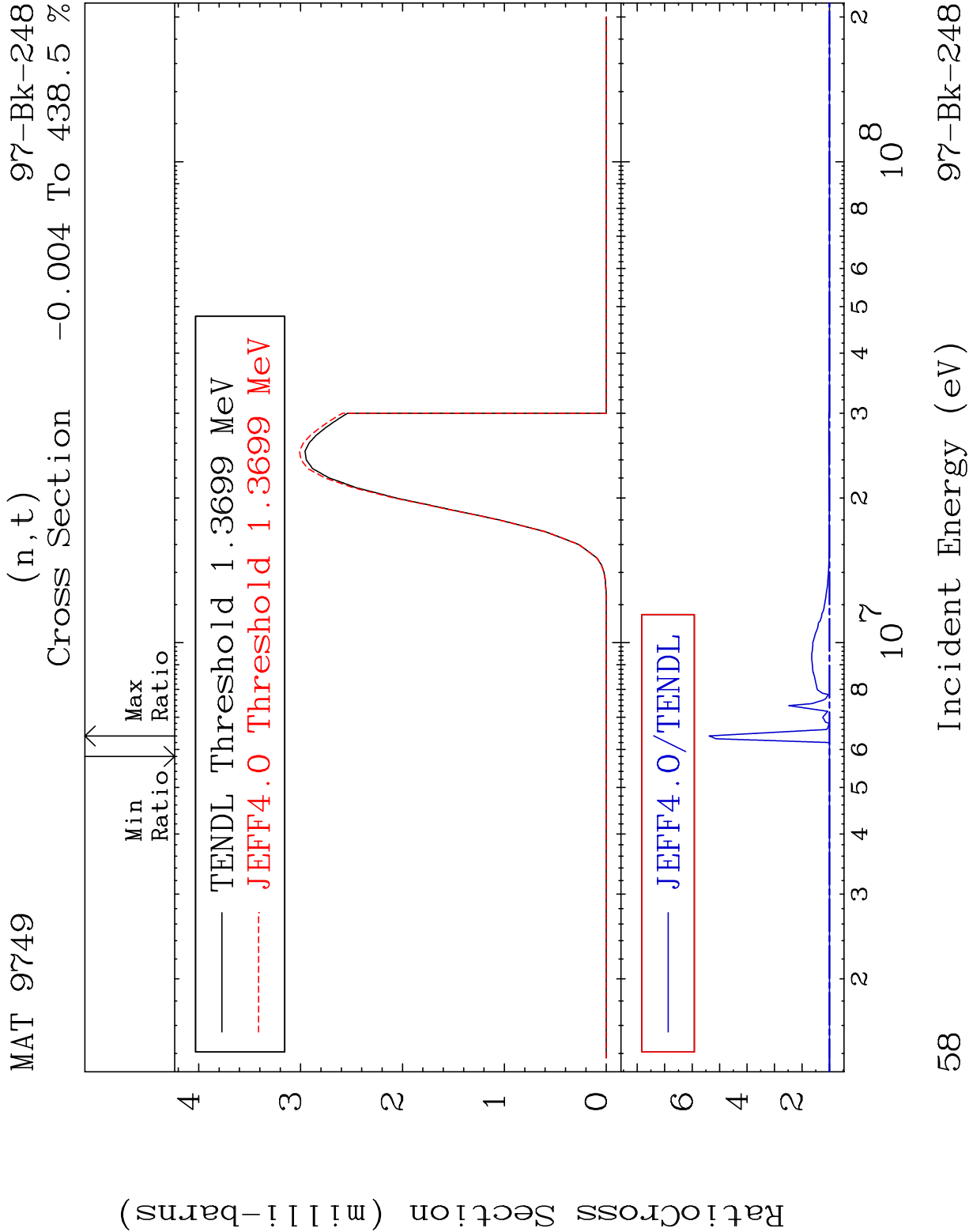
97-Bk-248

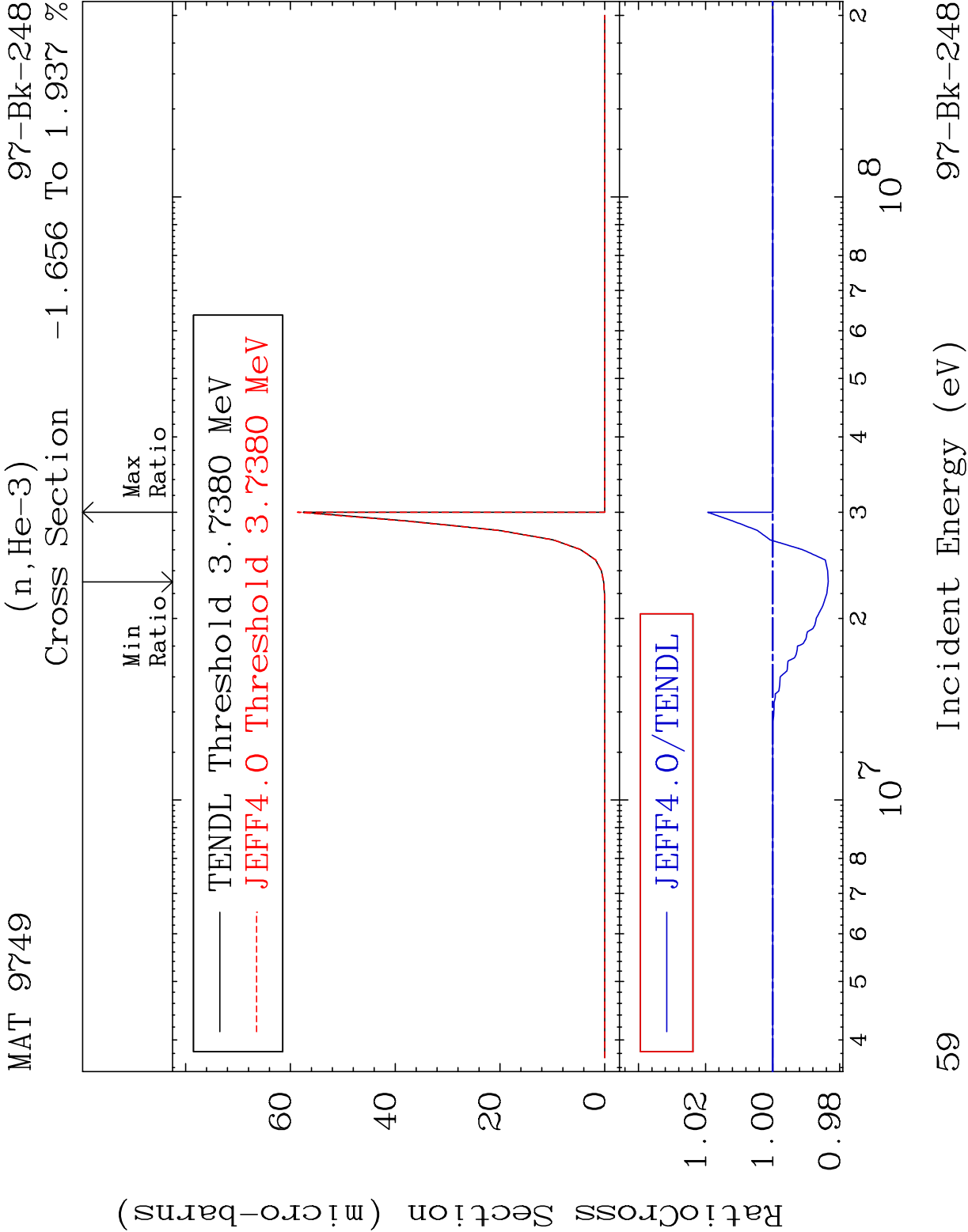
Cross Section

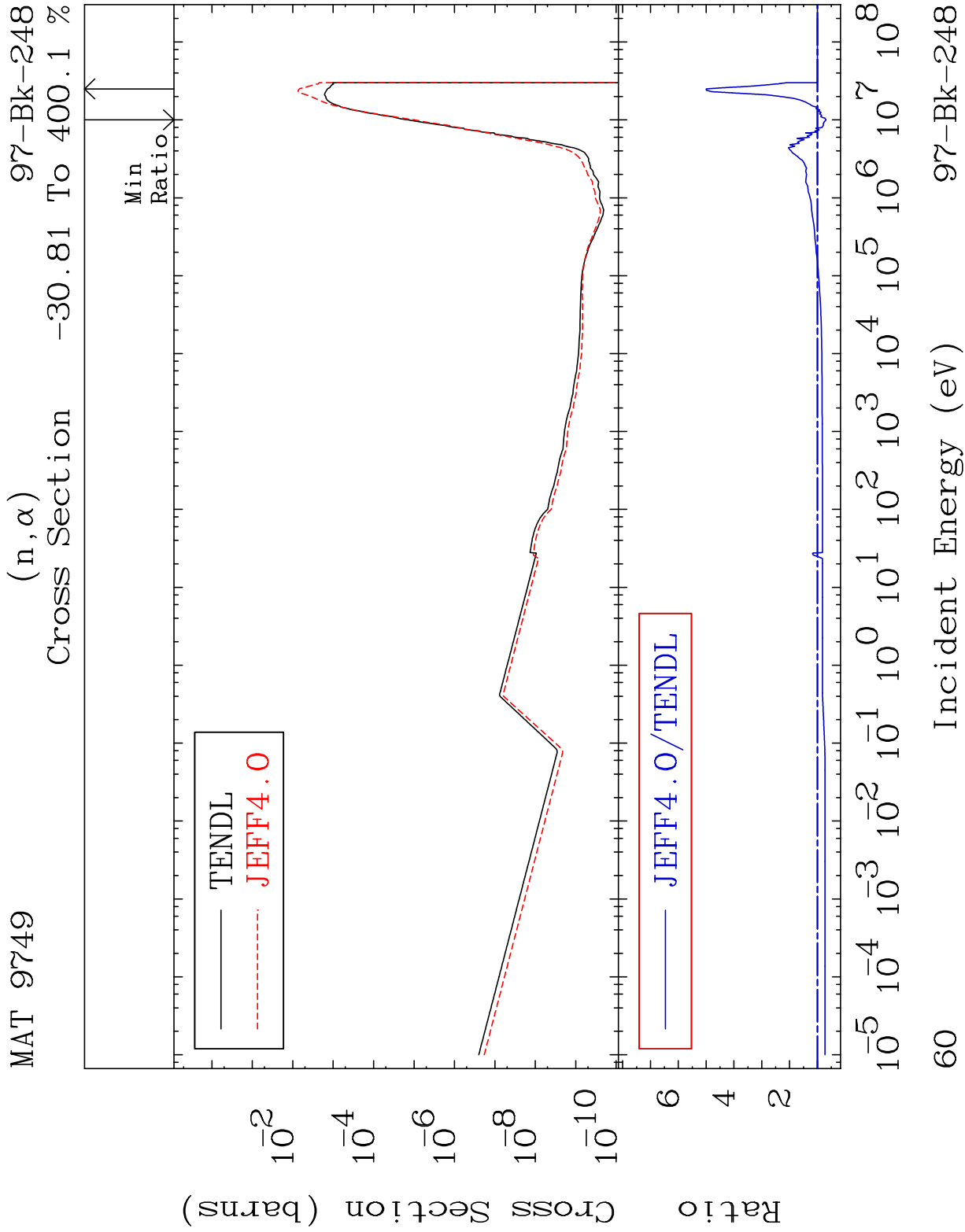
-7.517 To 38.96 %

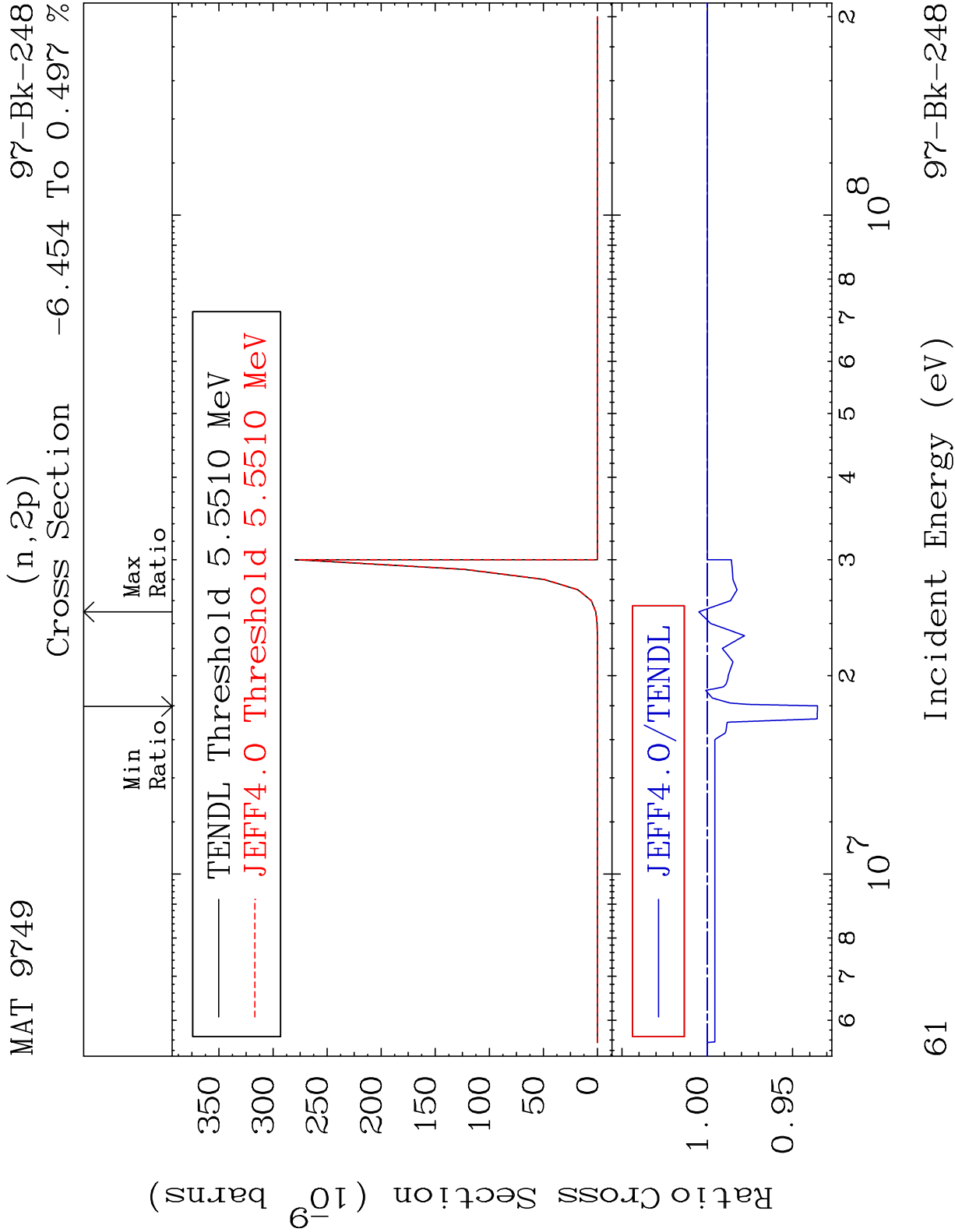


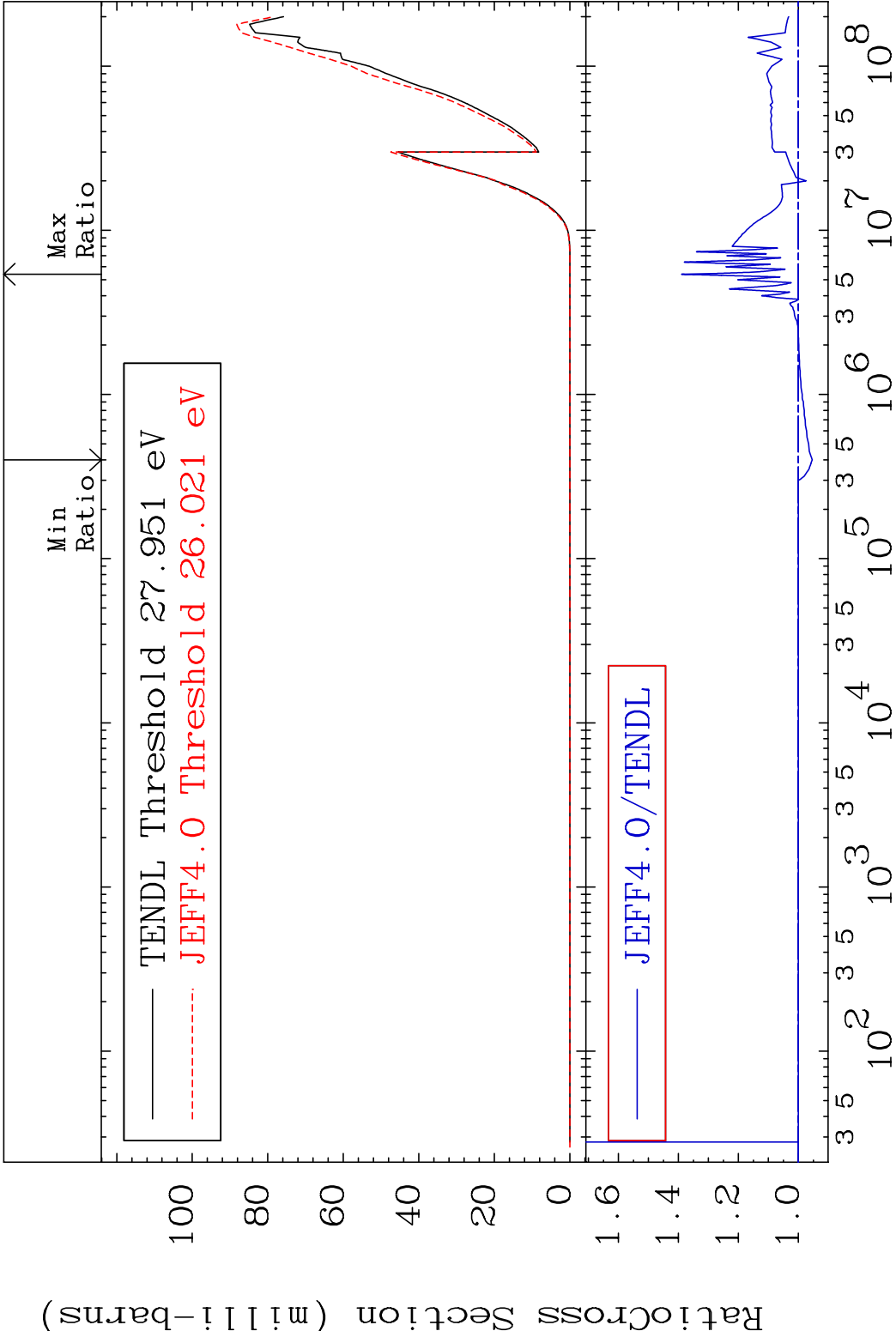


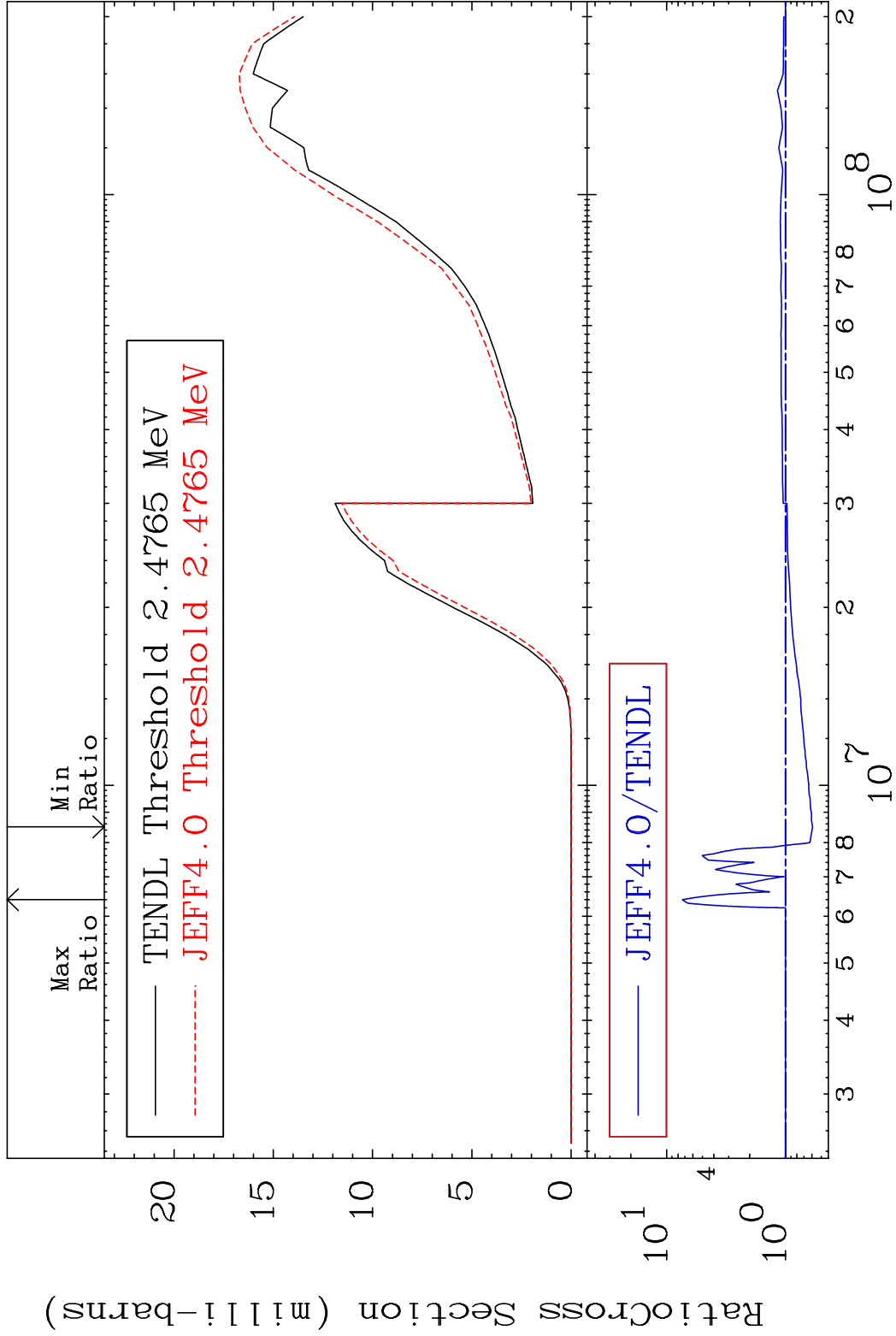


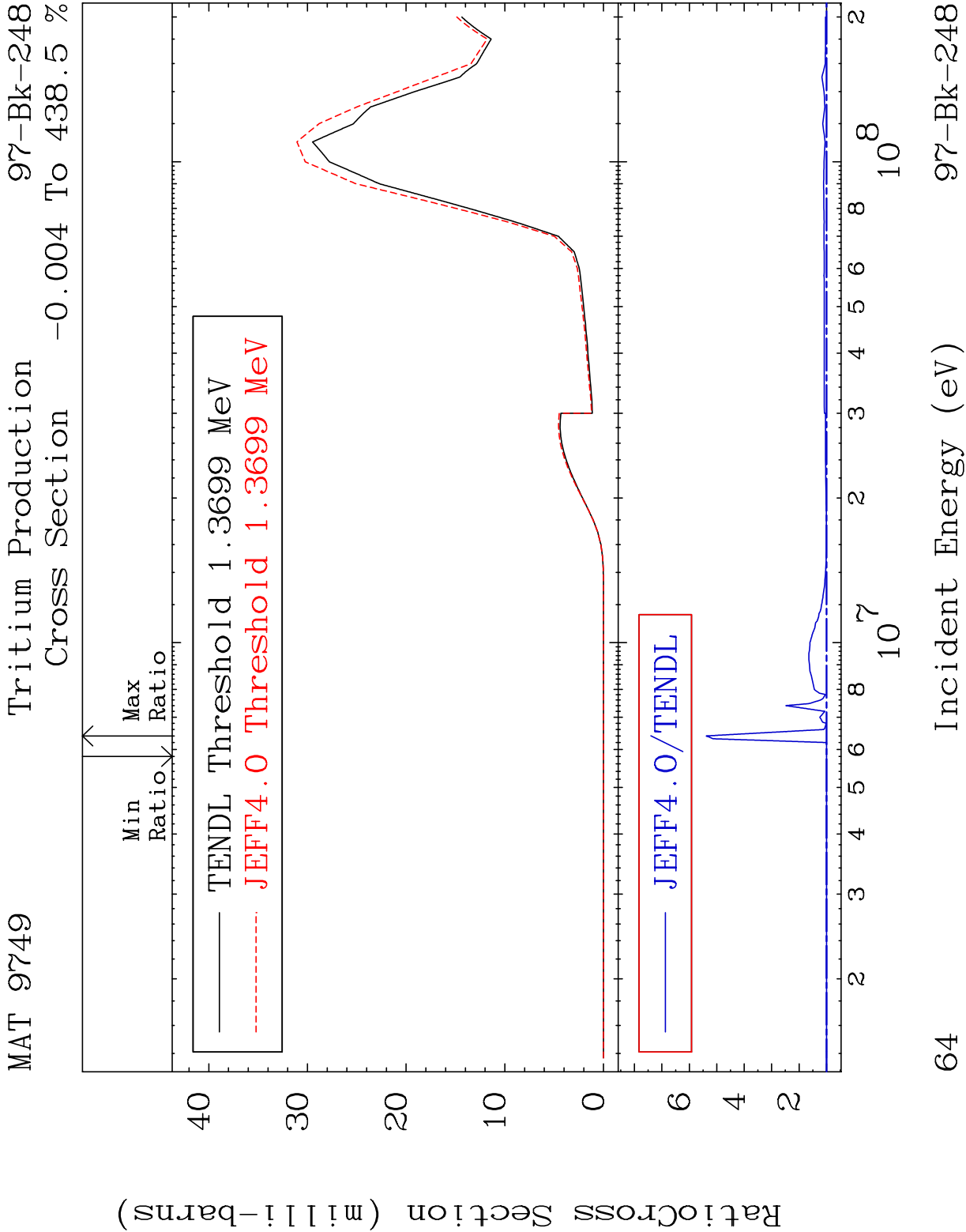


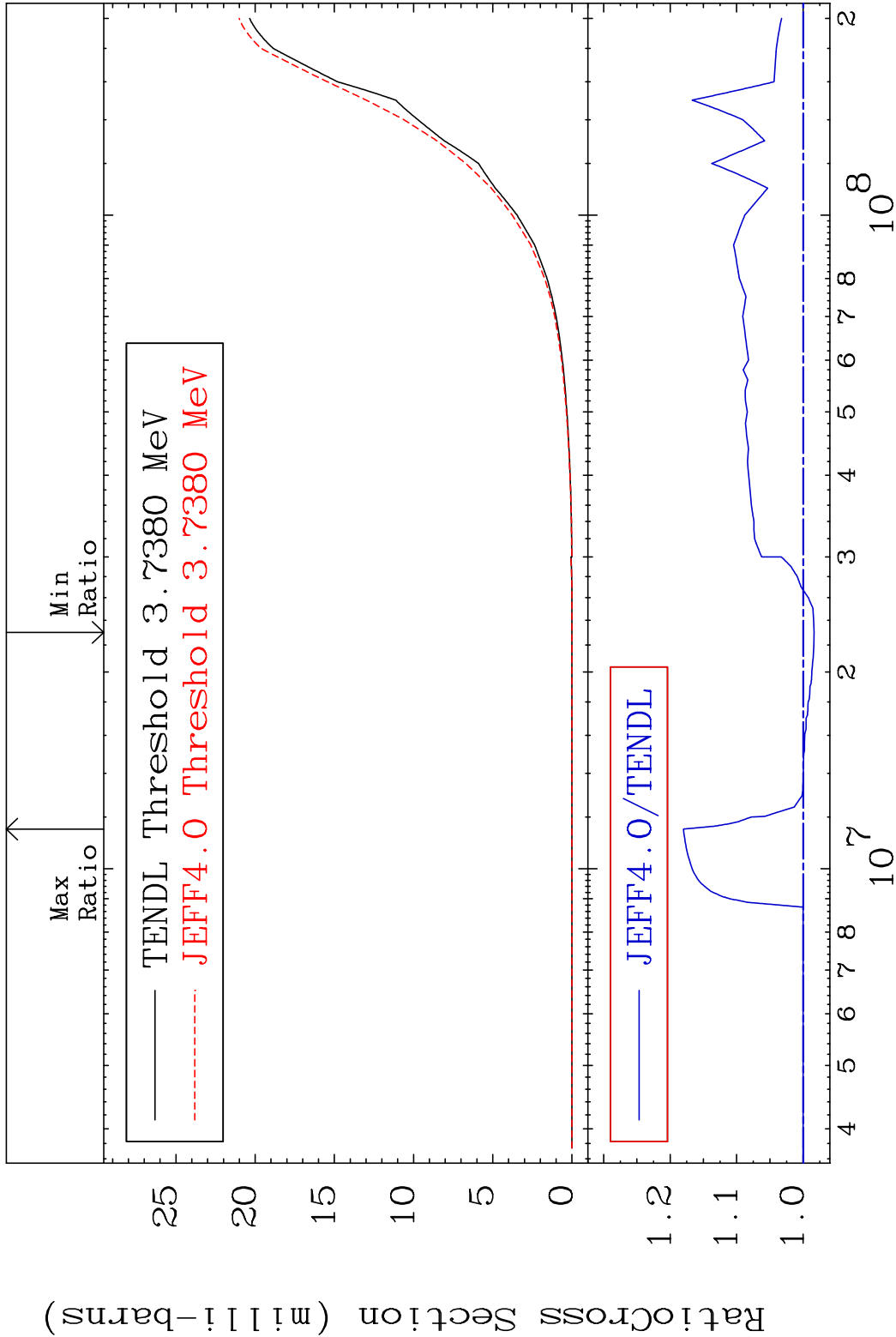




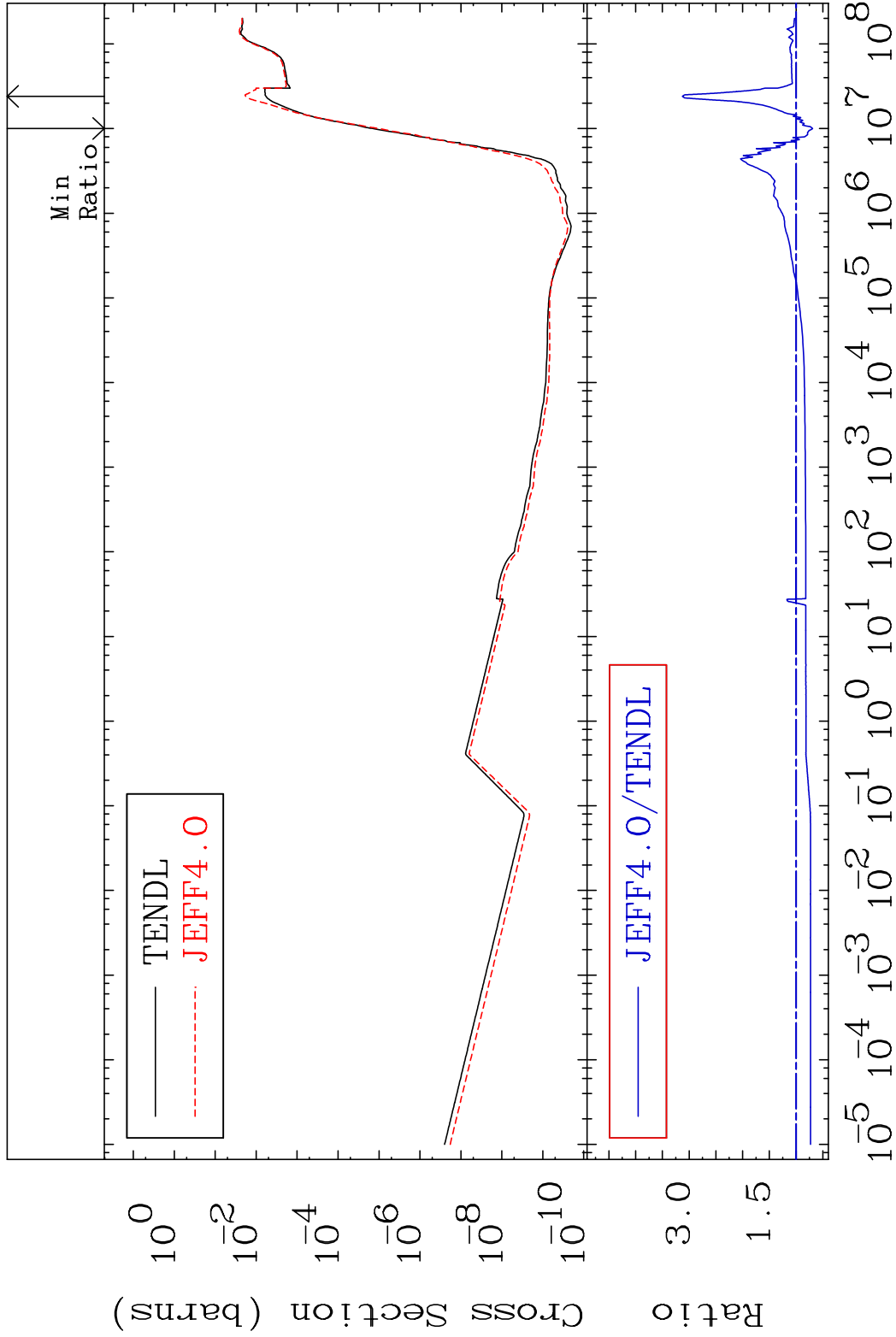




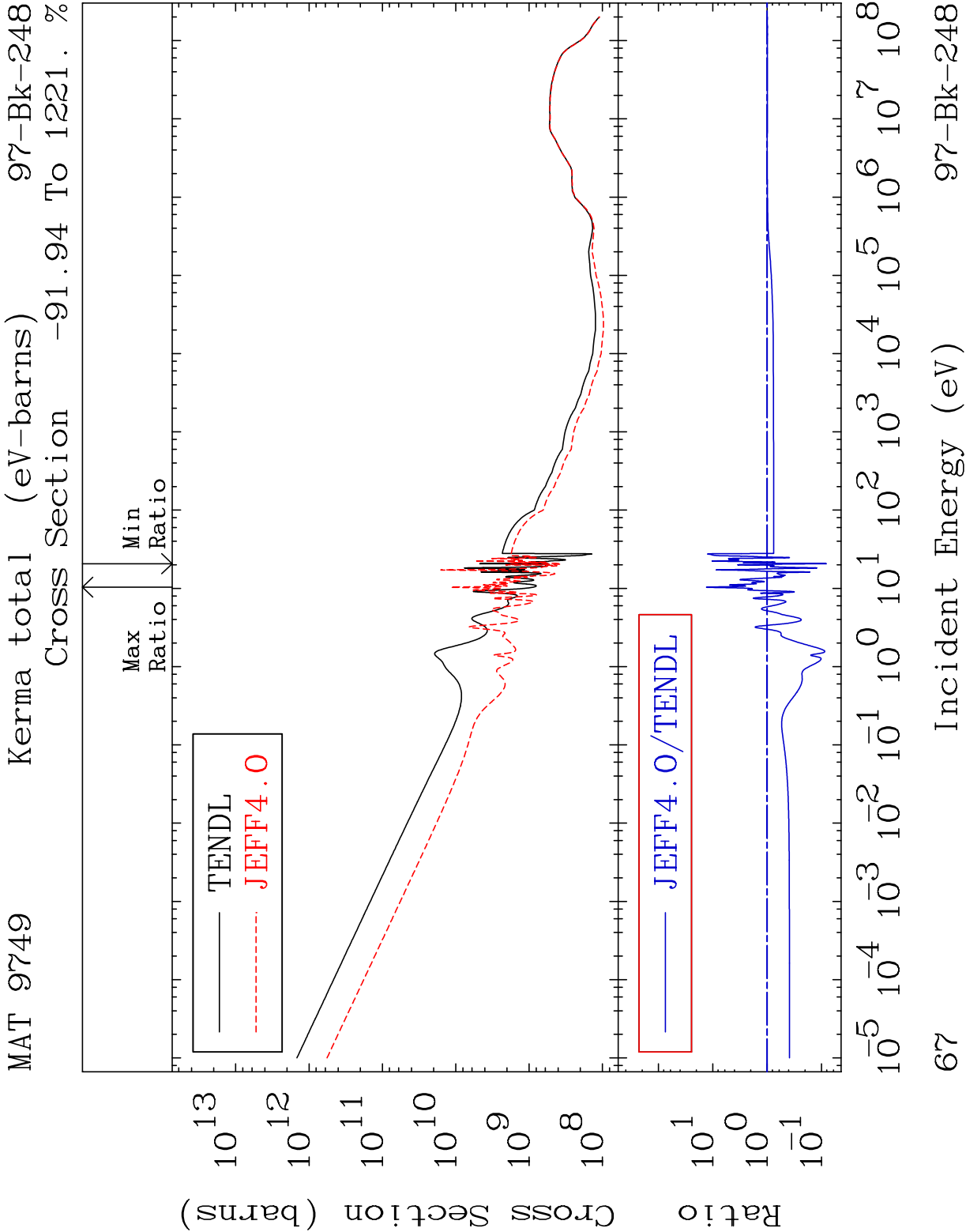




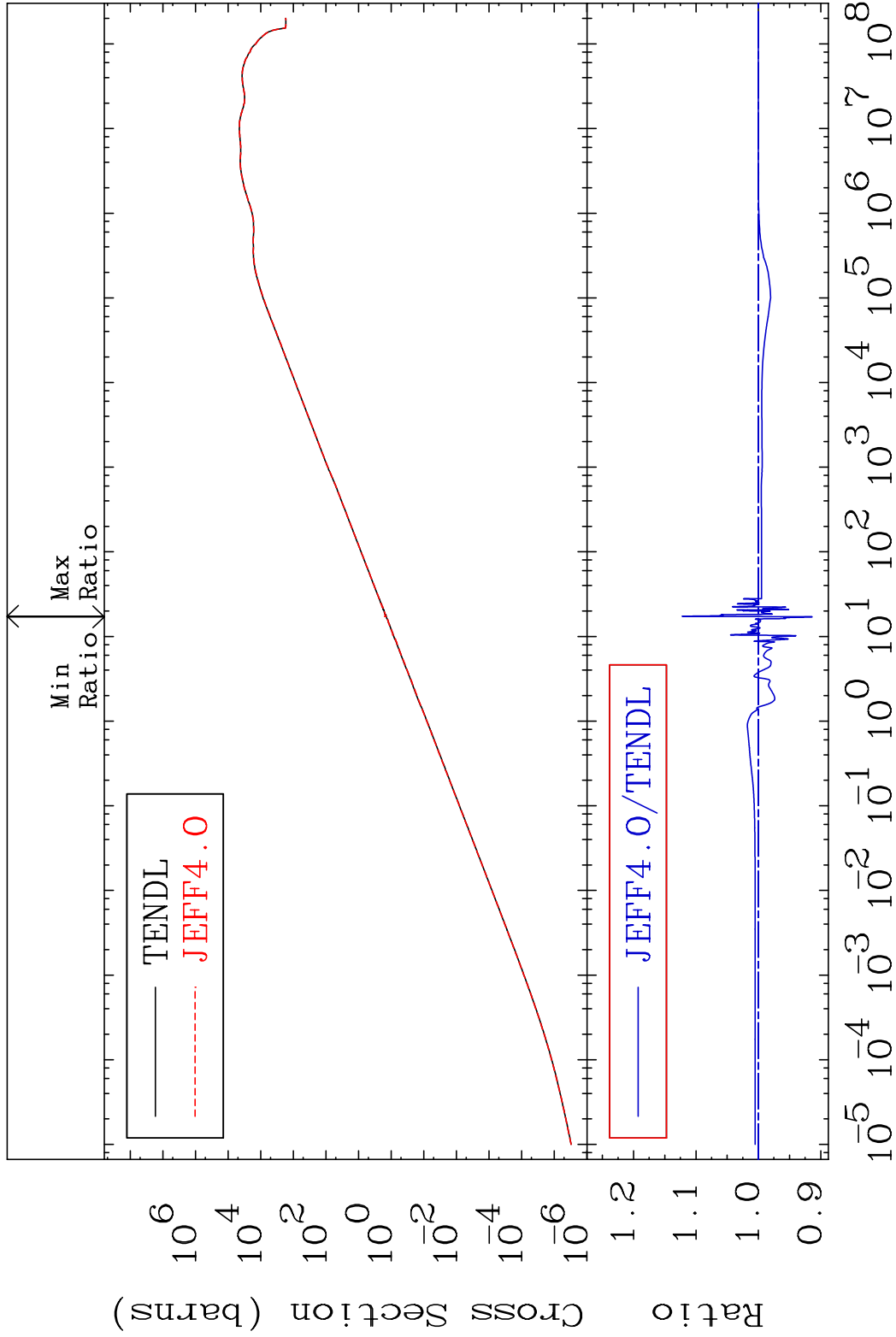
MAT 9749 He-4 Production 97-Bk-248
Cross Section -30.79 To 212.6 %



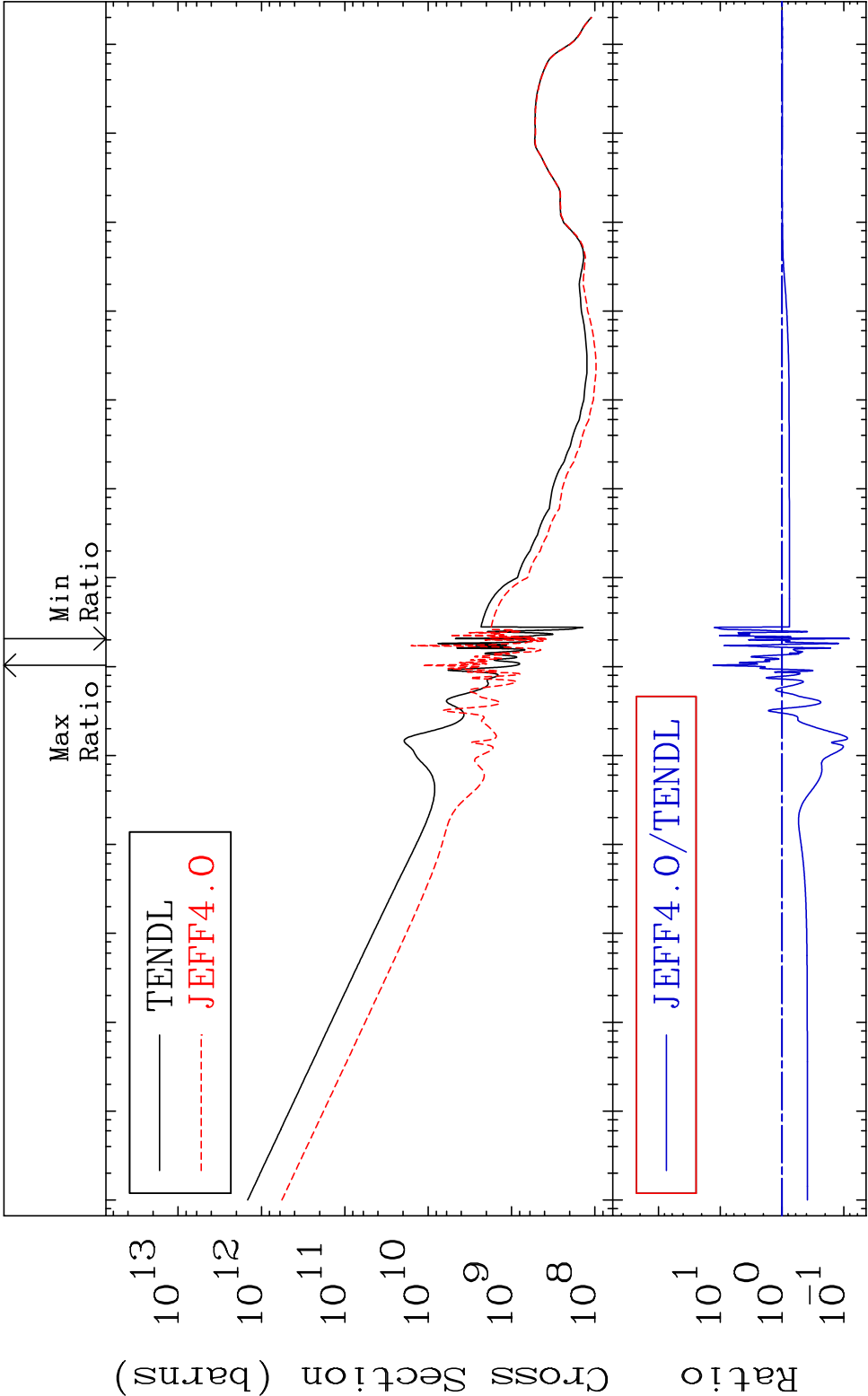
66 Incident Energy (eV) 97-Bk-248

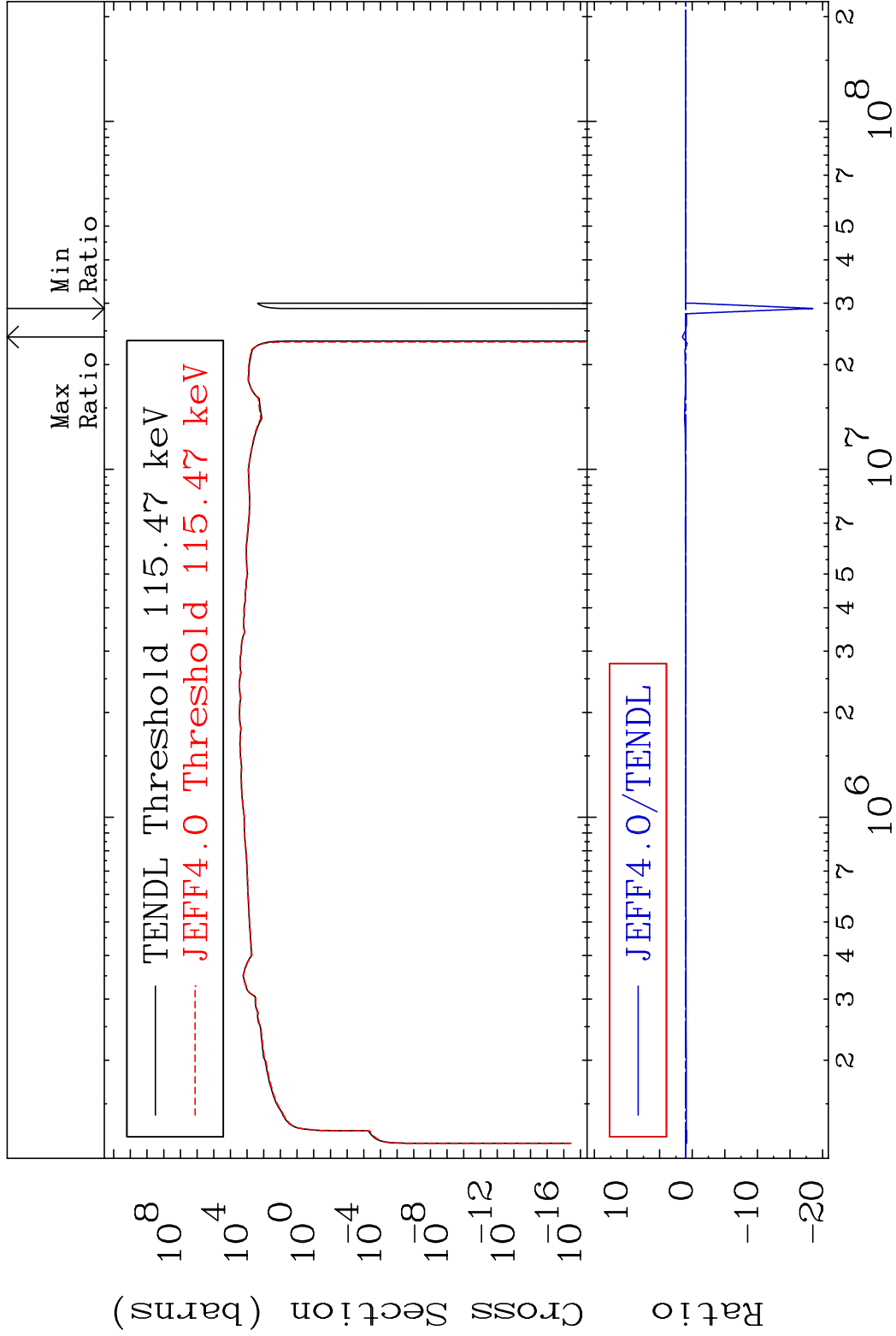


MAT 9749 Kerma elastic 97-Bk-248
Cross Section -8.691 To 12.18 %



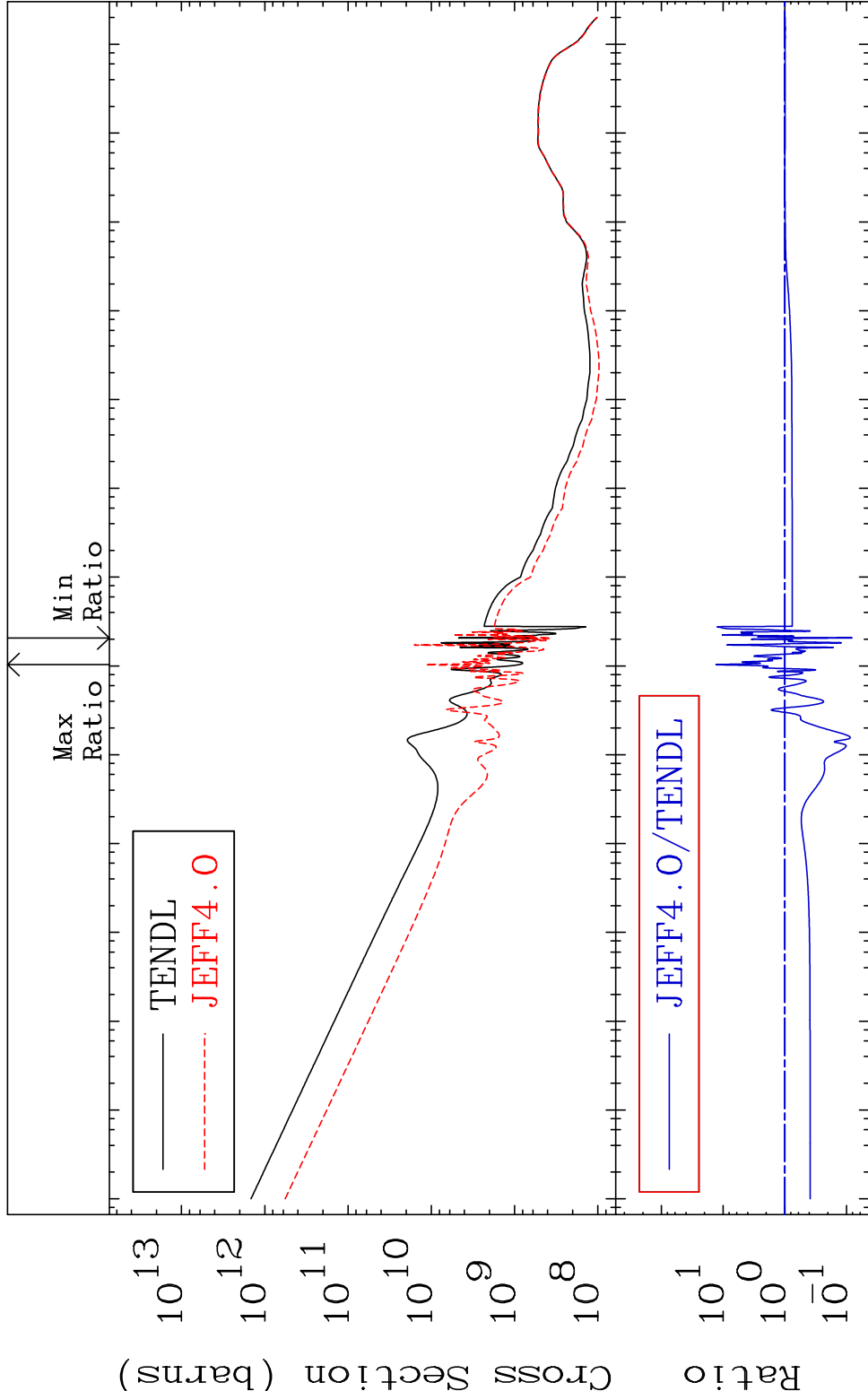
68 Incident Energy (eV) 97-Bk-248





MAT 9749Kerma fission (mt18 or mt19-20-21-38)97-Bk-248

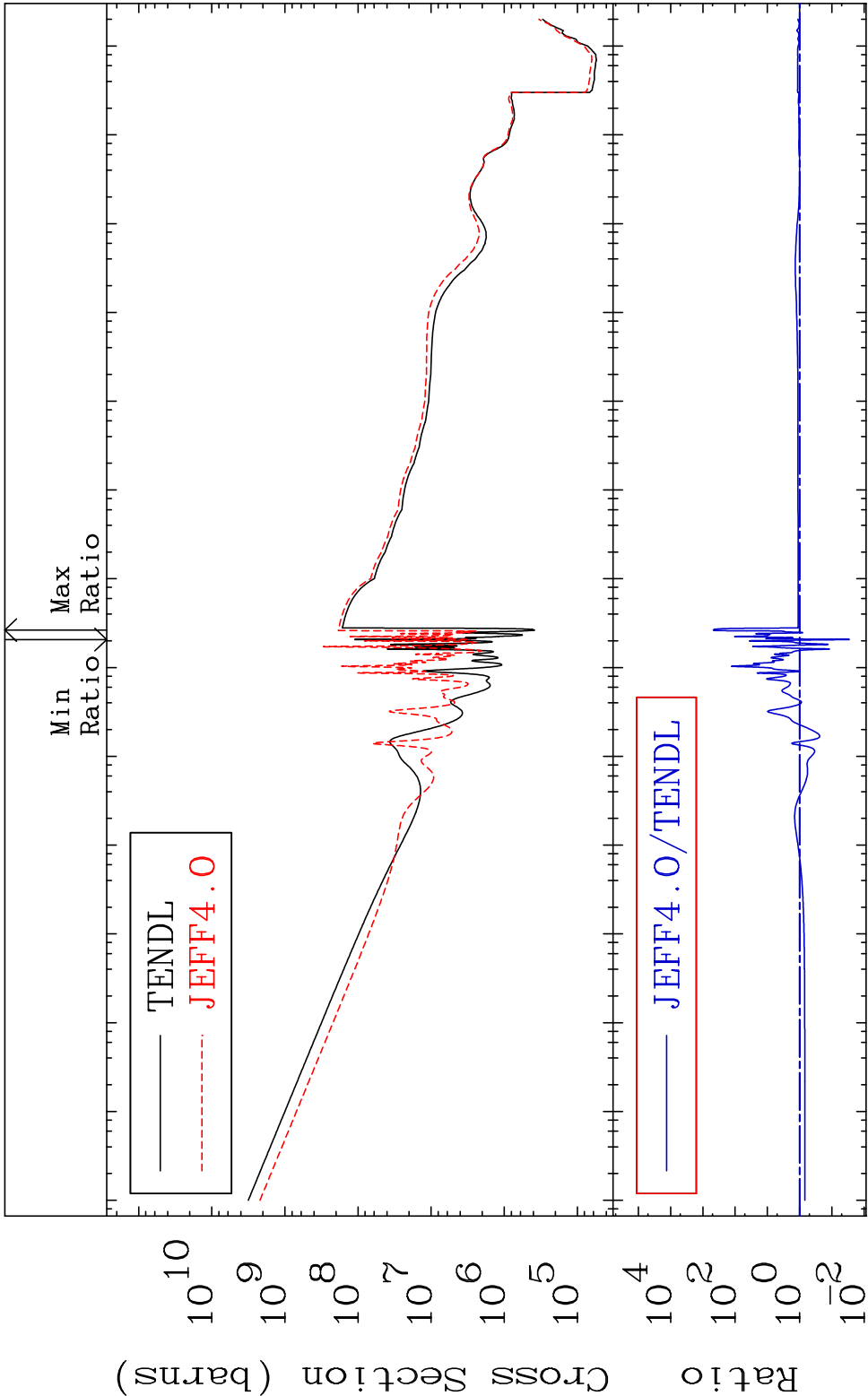
Cross Section -91.94 To 1221. %



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

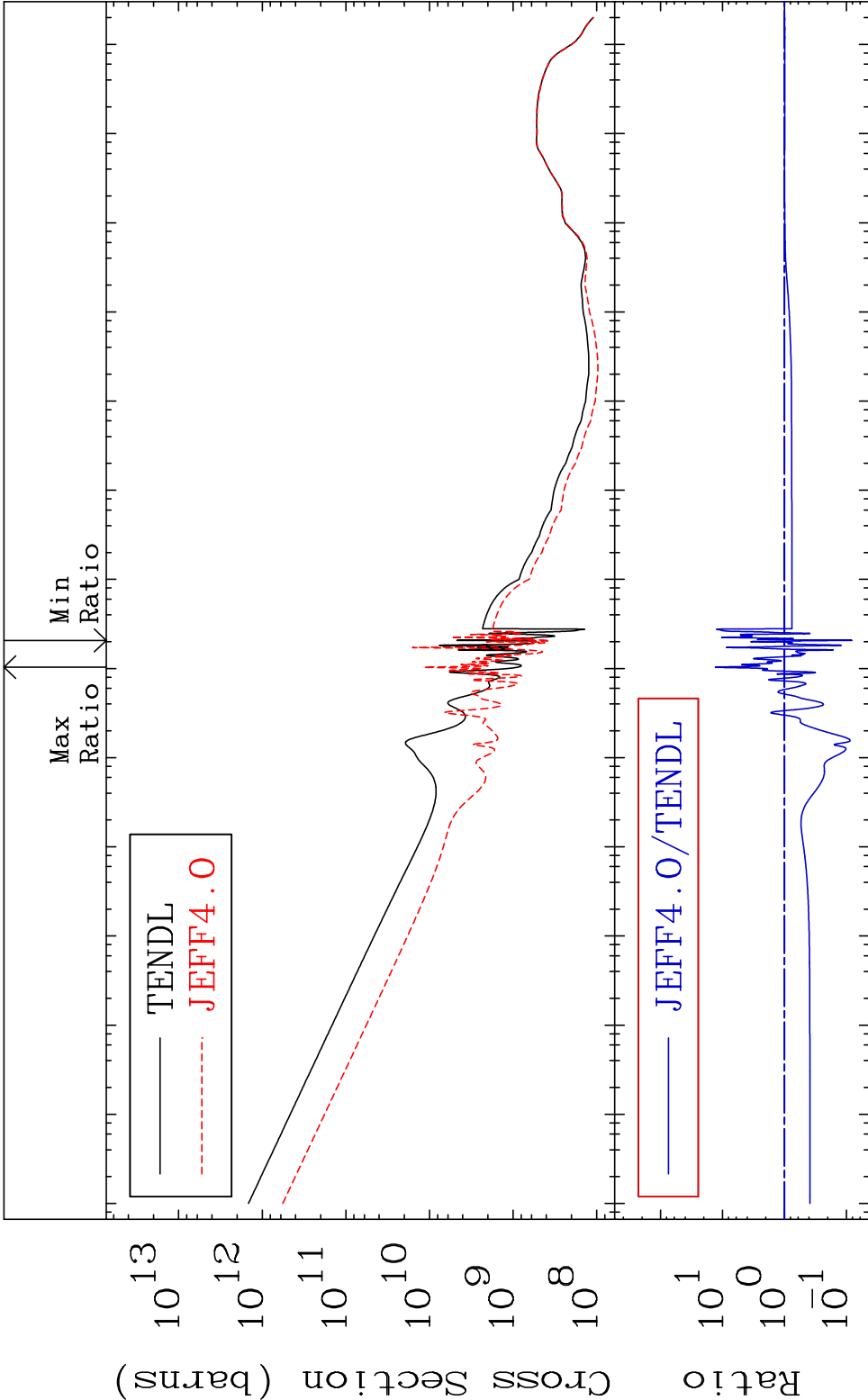
71 Incident Energy (eV) 97-Bk-248

MAT 9749 Total photon (eV-barns) 97-Bk-248
Cross Section -97.15 To 9999. %

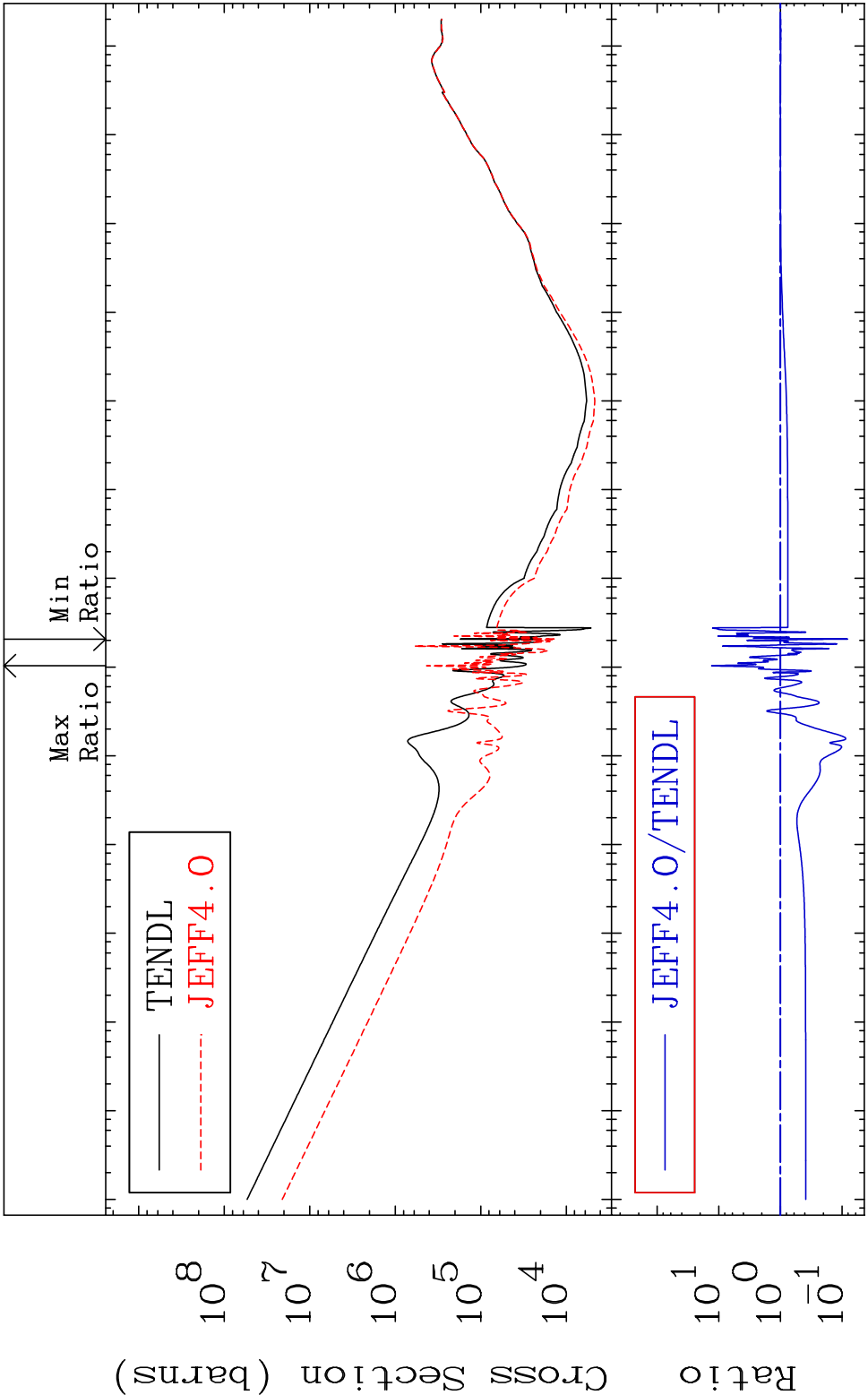


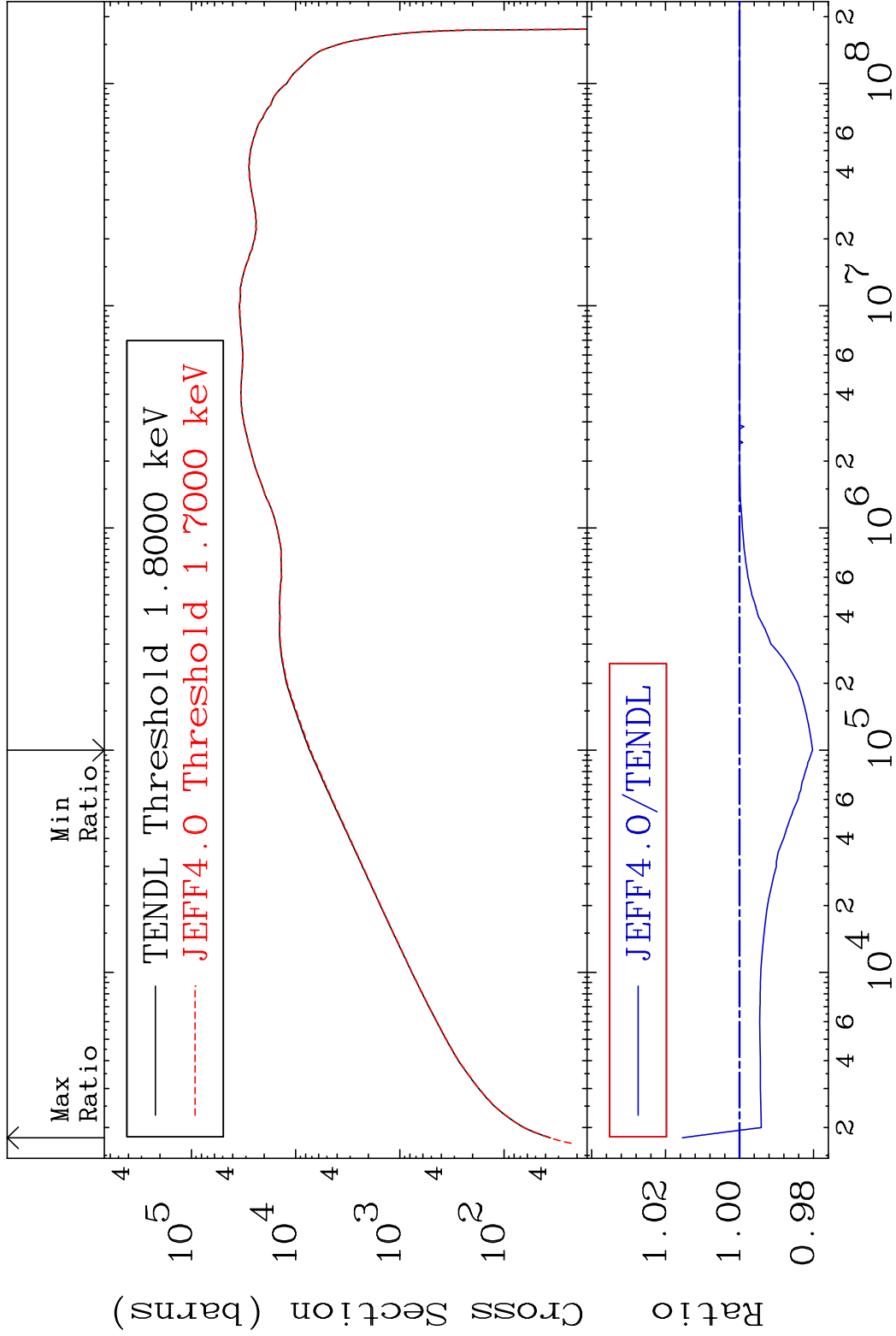
73 Incident Energy (eV) 97-Bk-248

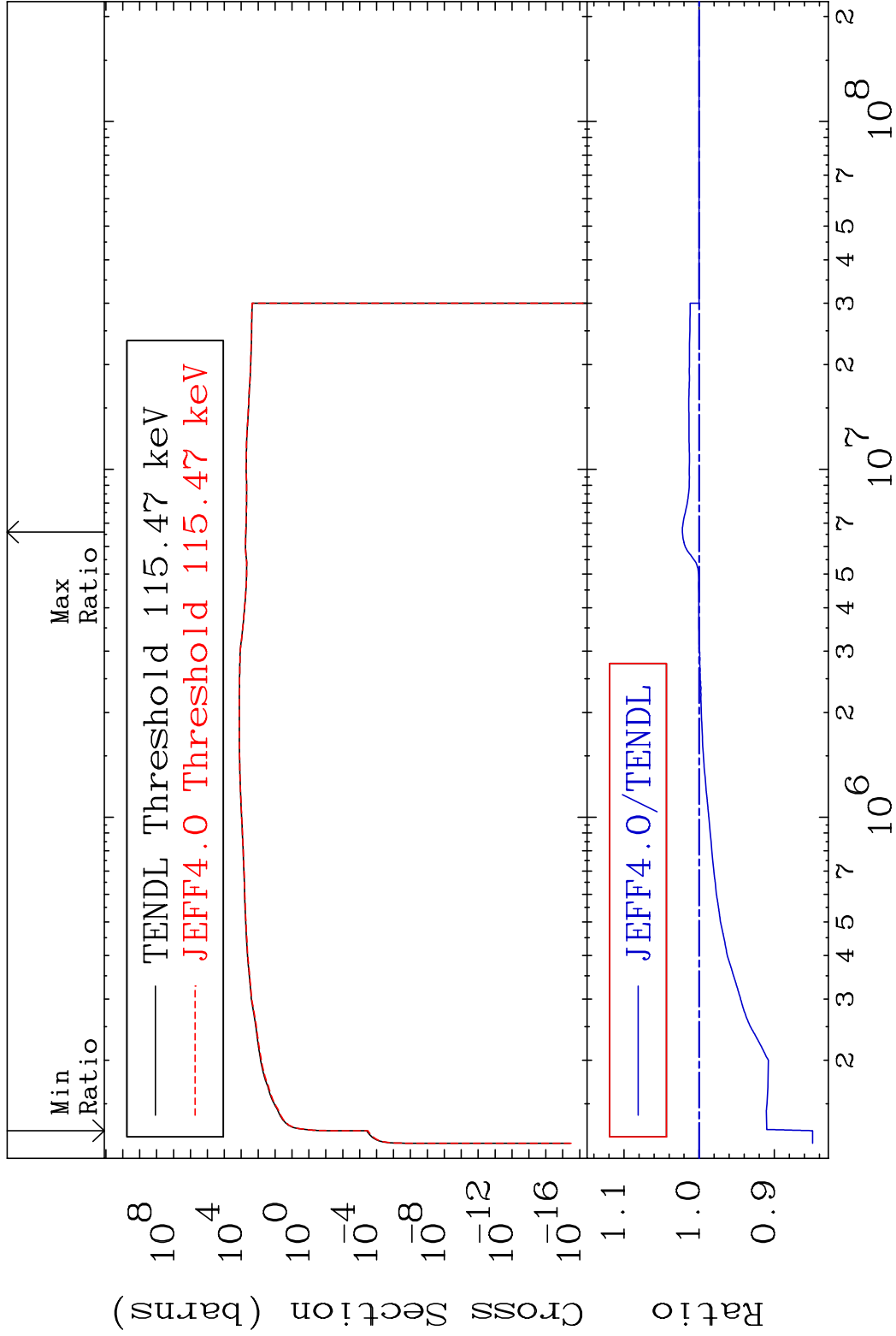
MAT 9749 Total kinematic kerma (high limit) 97-Bk-248
Cross Section -91.94 To 1221. %



MAT 9749	Dpa total (eV-barns)	97-Bk-248
	Cross Section	-91.94 To 1221. %







MAT 9749 Dpa disappearance (mt102 -120) 97-Bk-248
Cross Section -96.97 To 9999. %

