

Program Complot
(Version 2021-1)

by

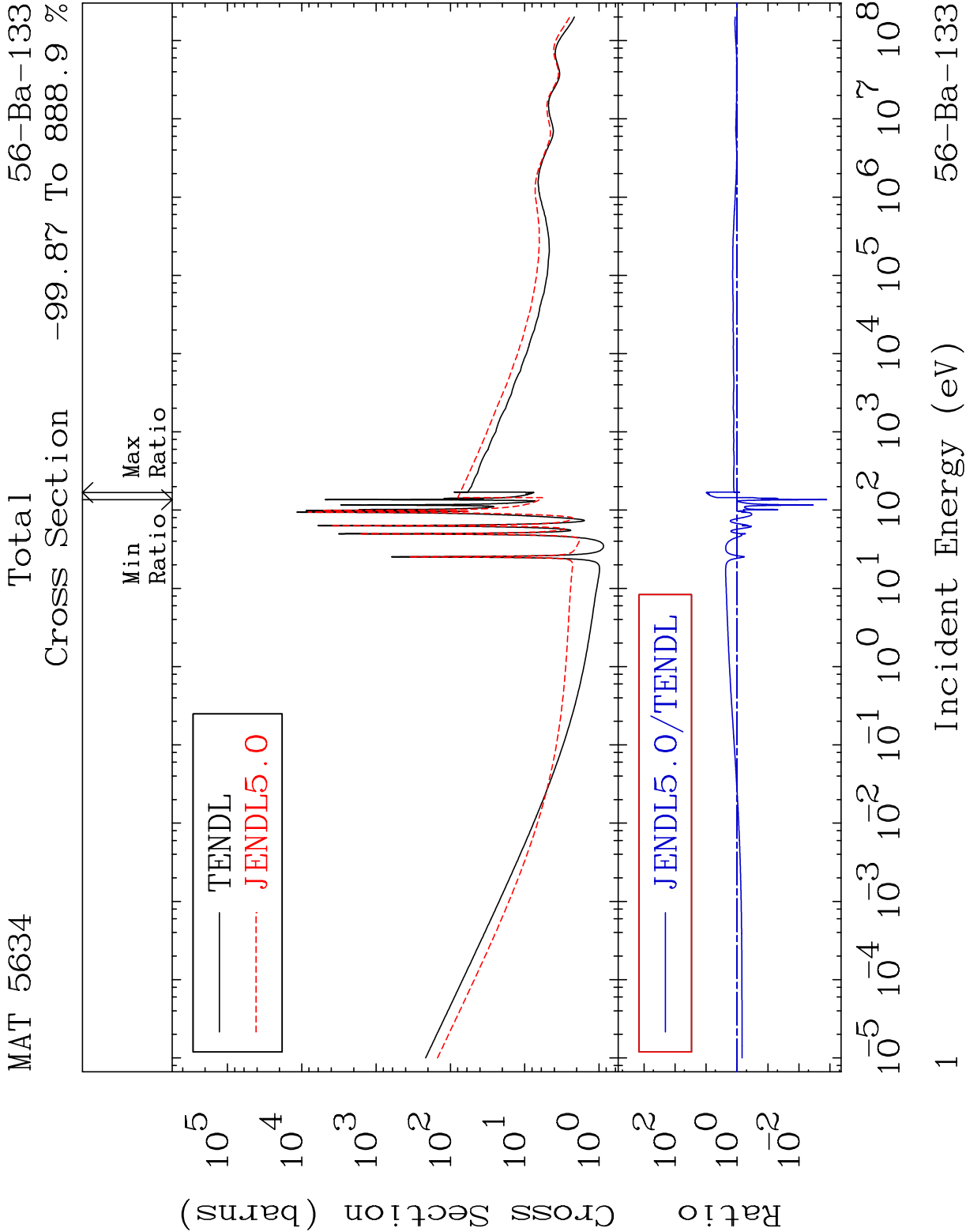
Dermott E. Cullen
(Present Contact Information)

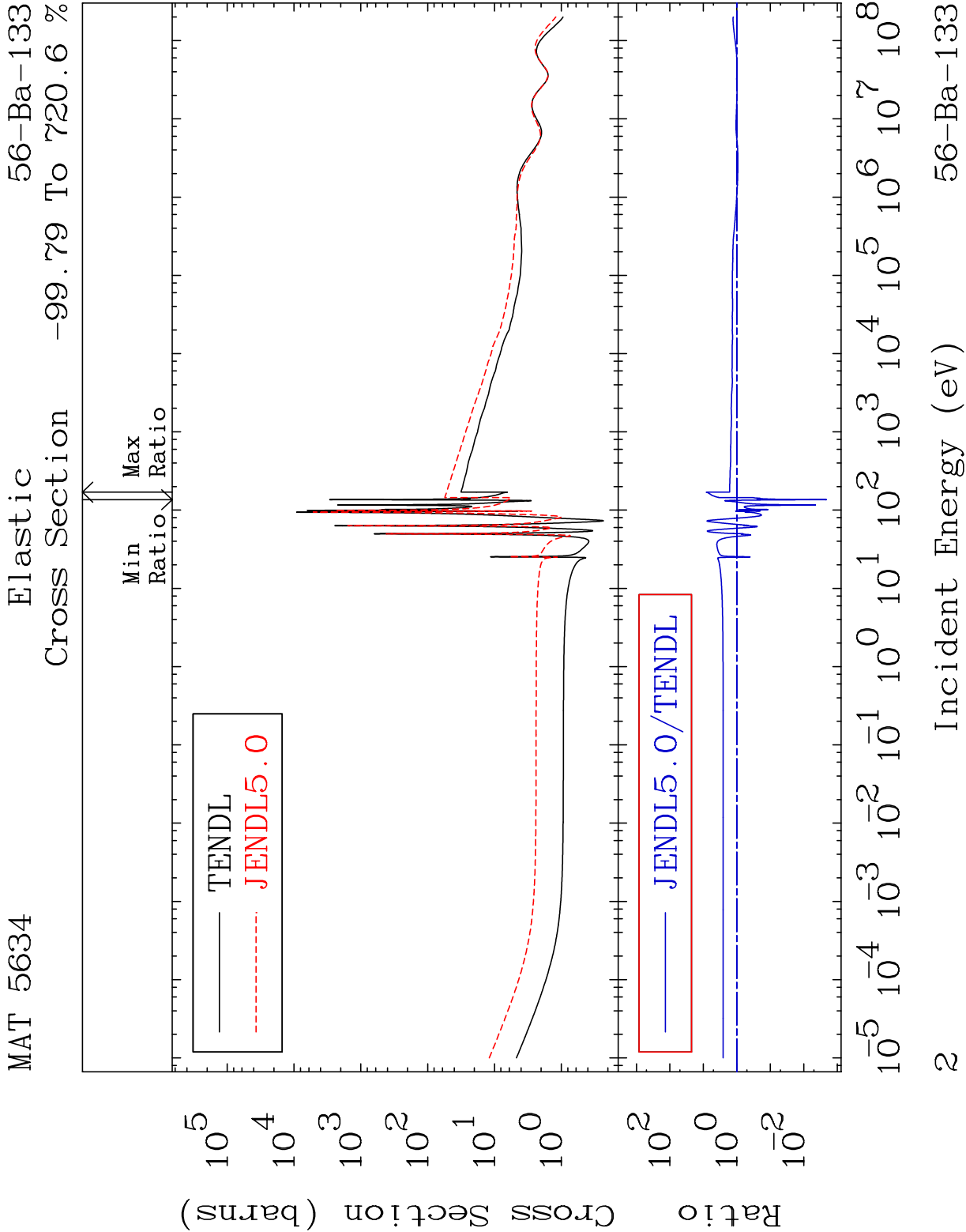
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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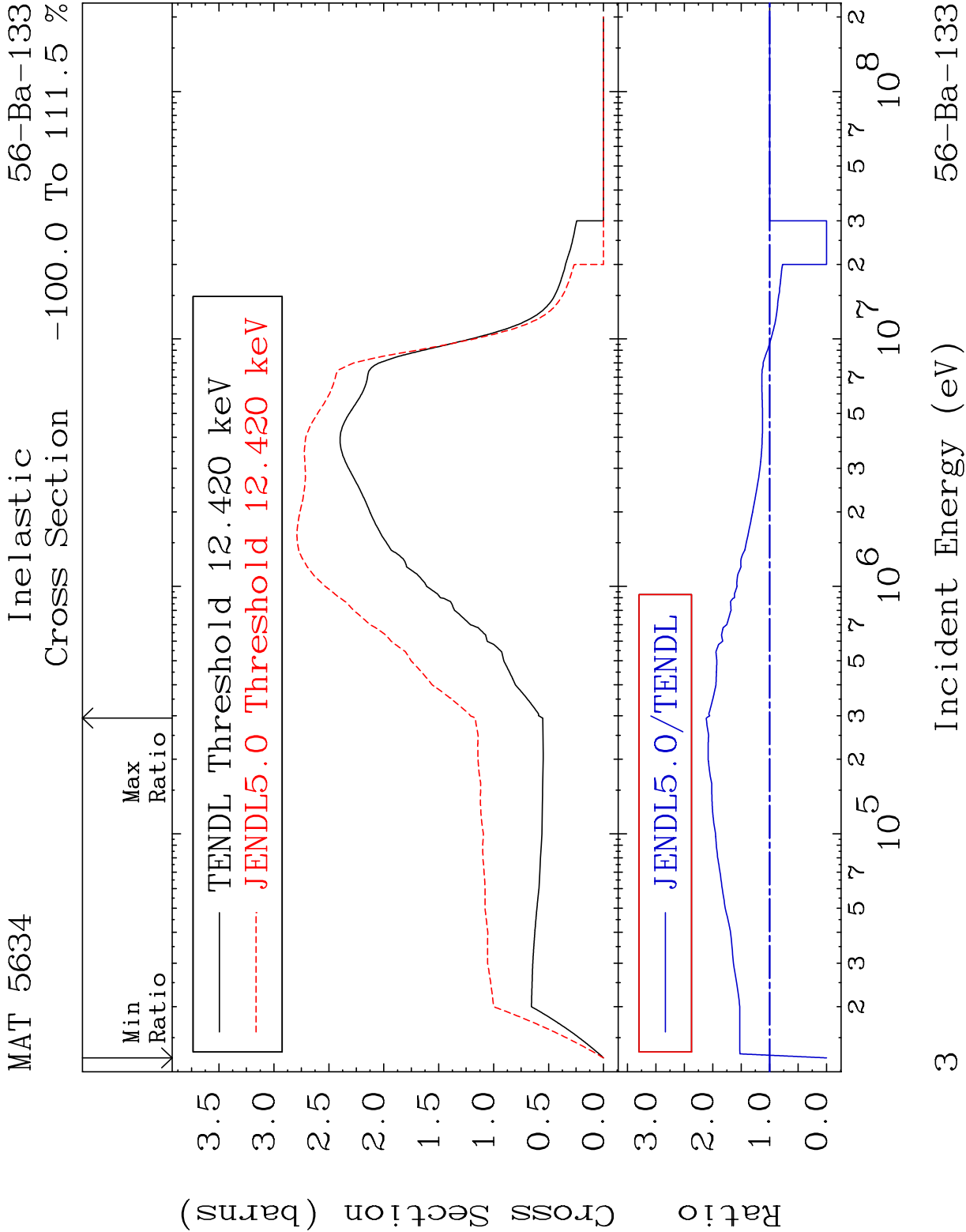
Tele: 925-443-1911

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

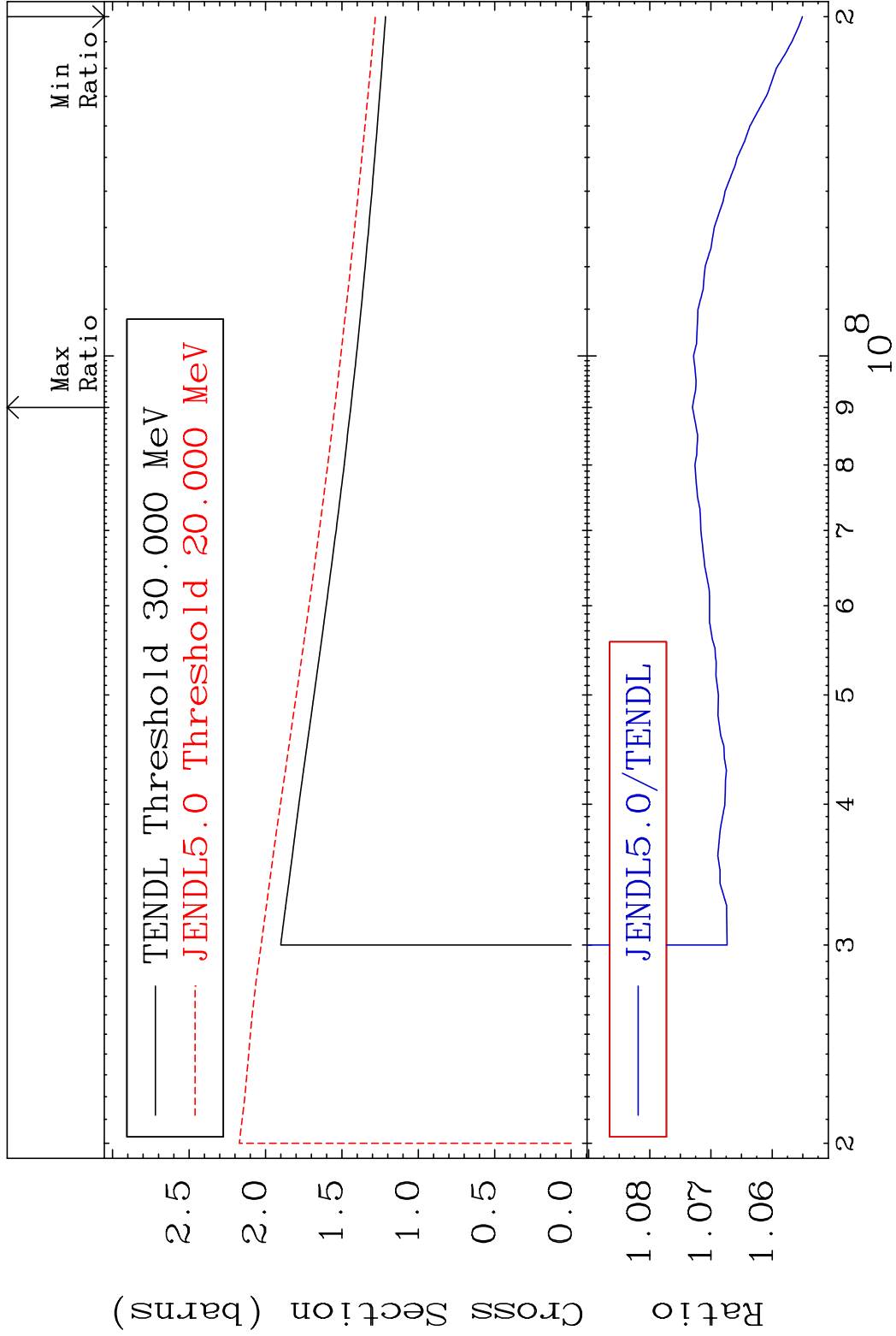
Press Mouse Button to Start

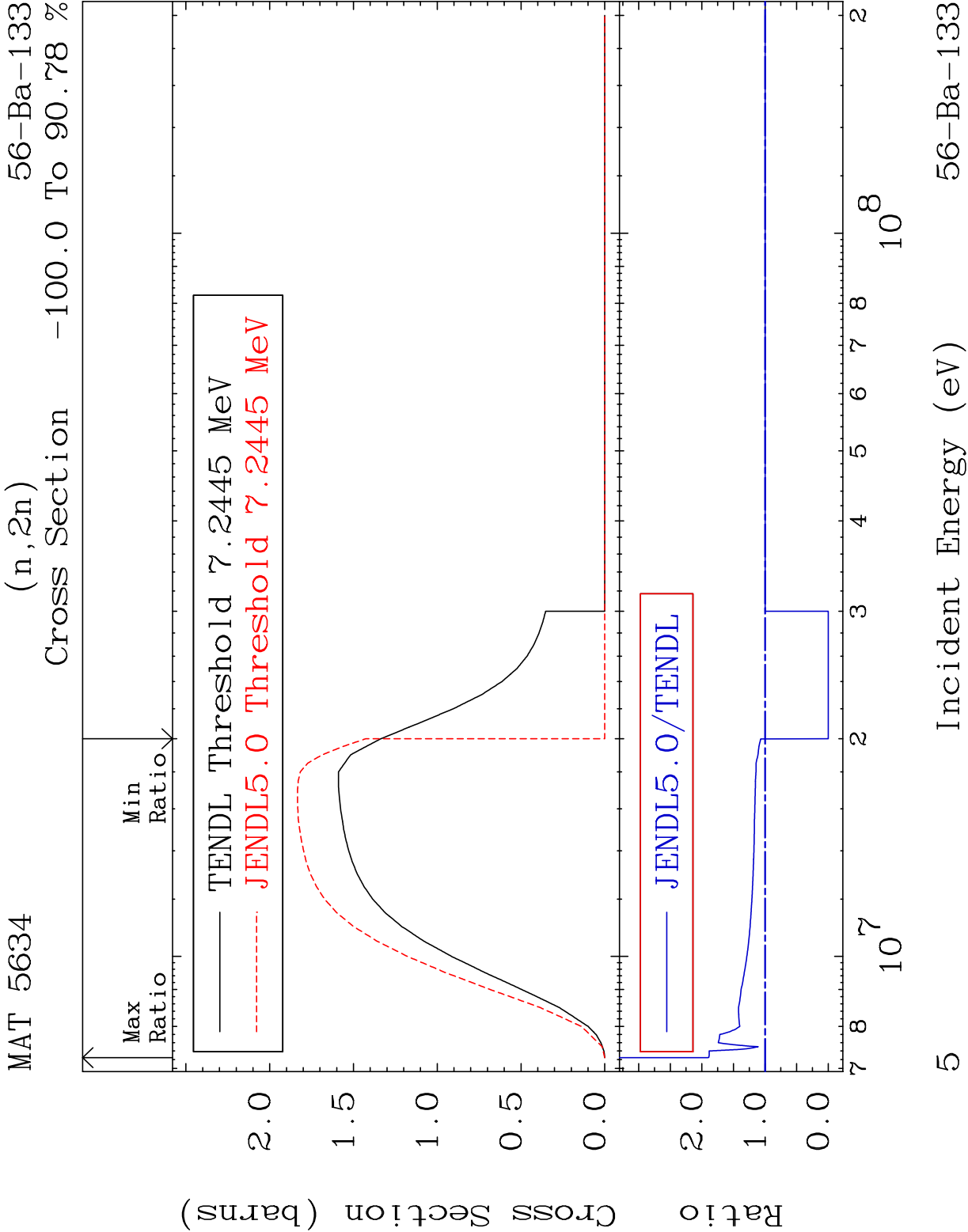


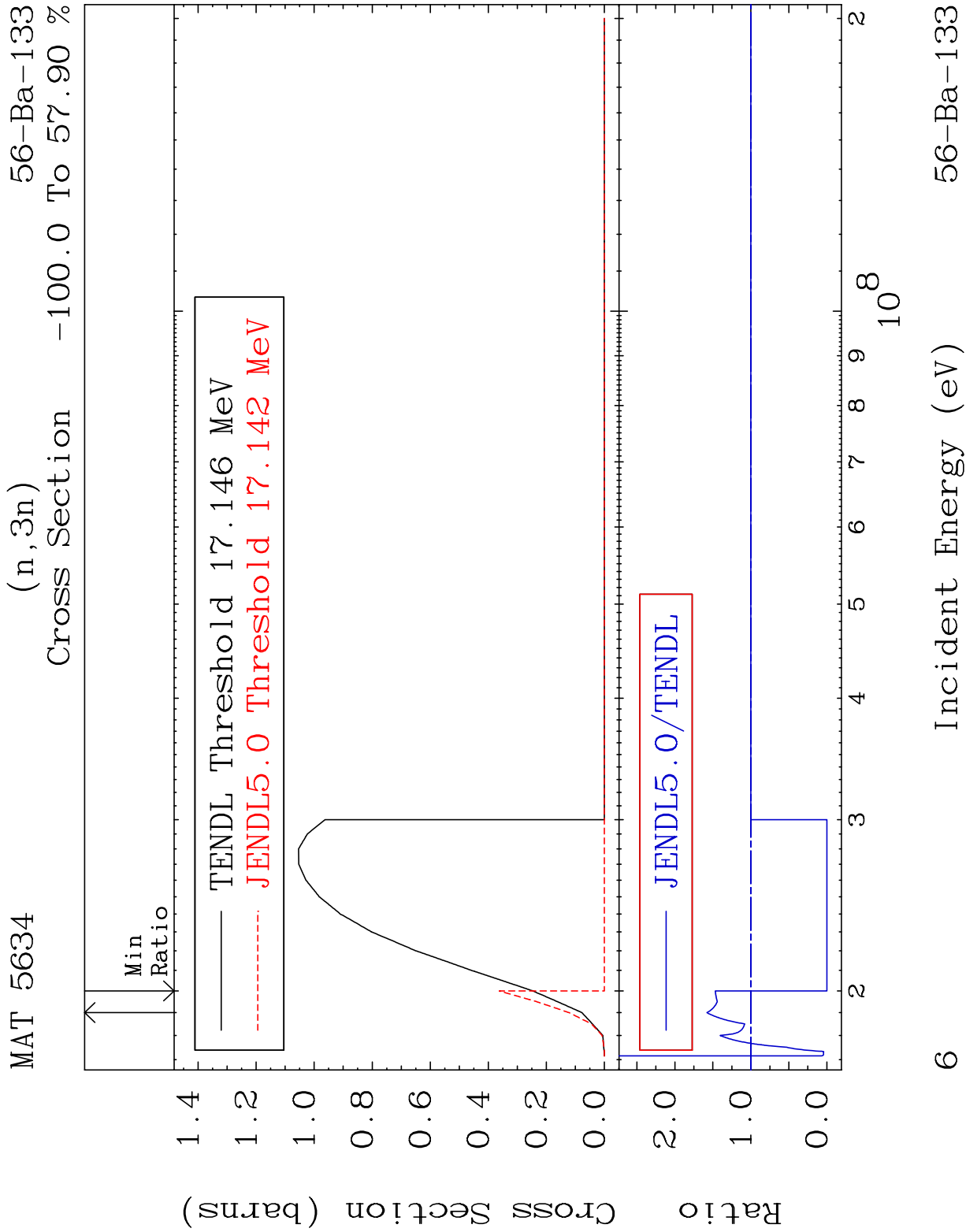




MAT 5634 (n, remainder) 56-Ba-133
Cross Section 5.504 To 7.302 %





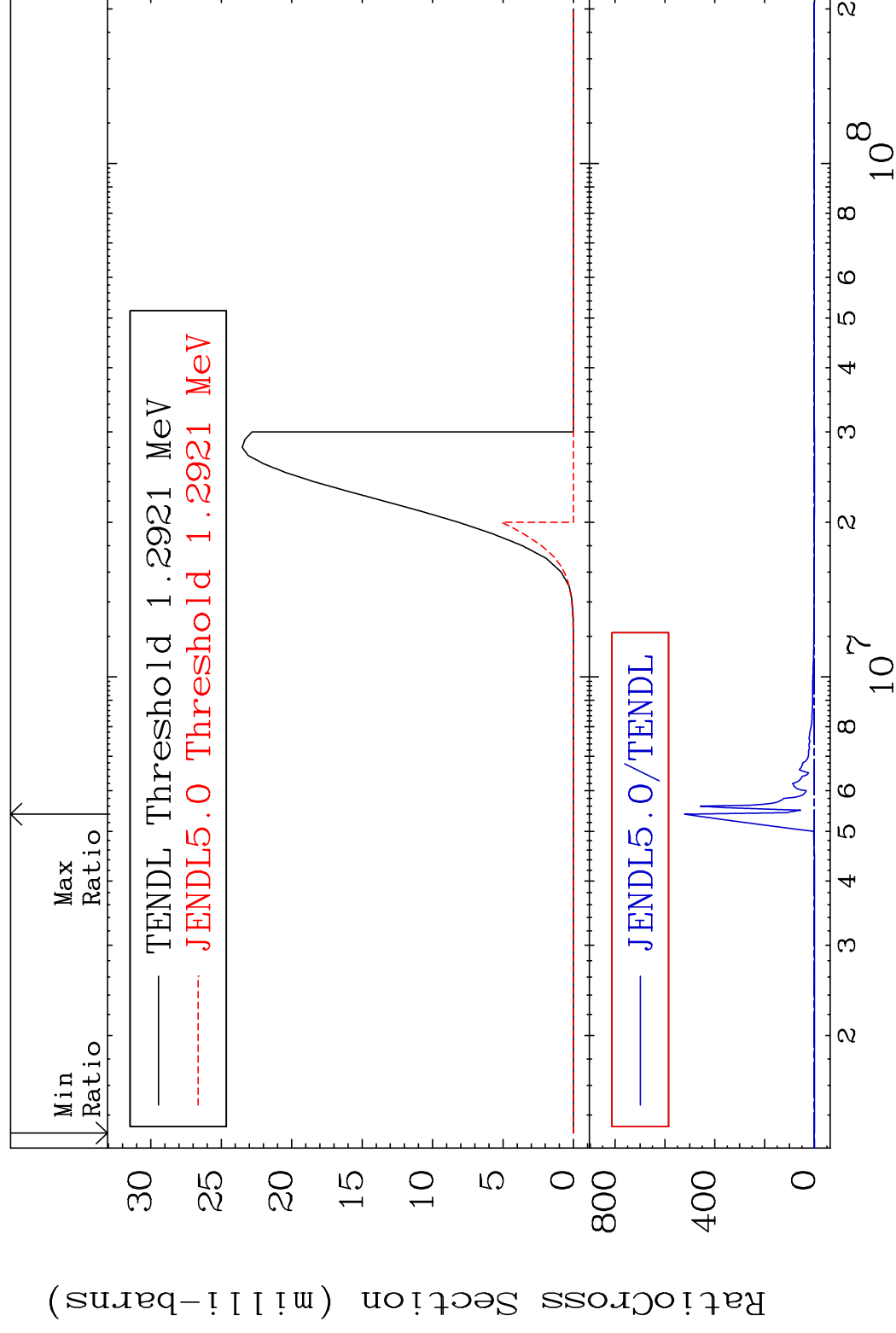


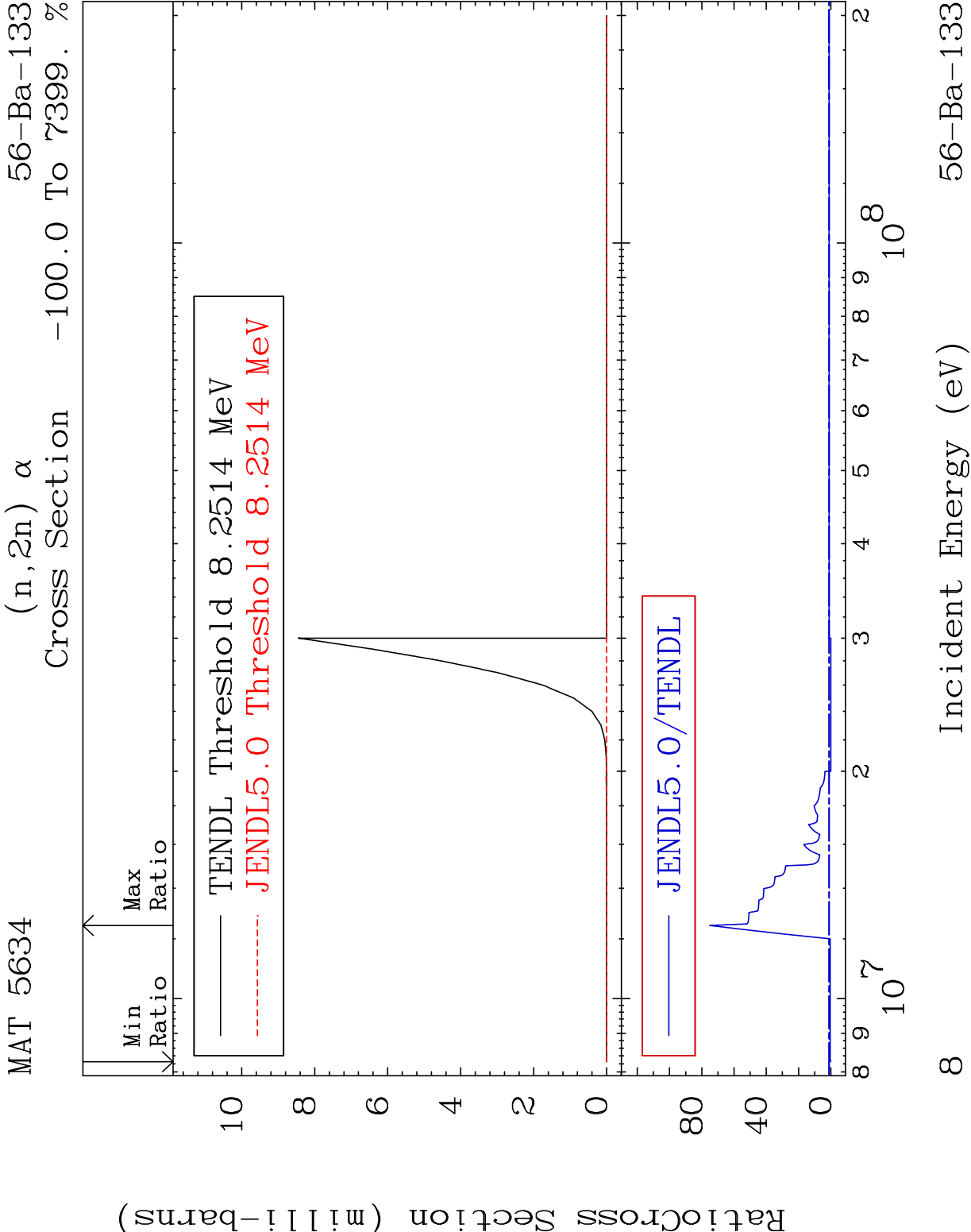
MAT 5634

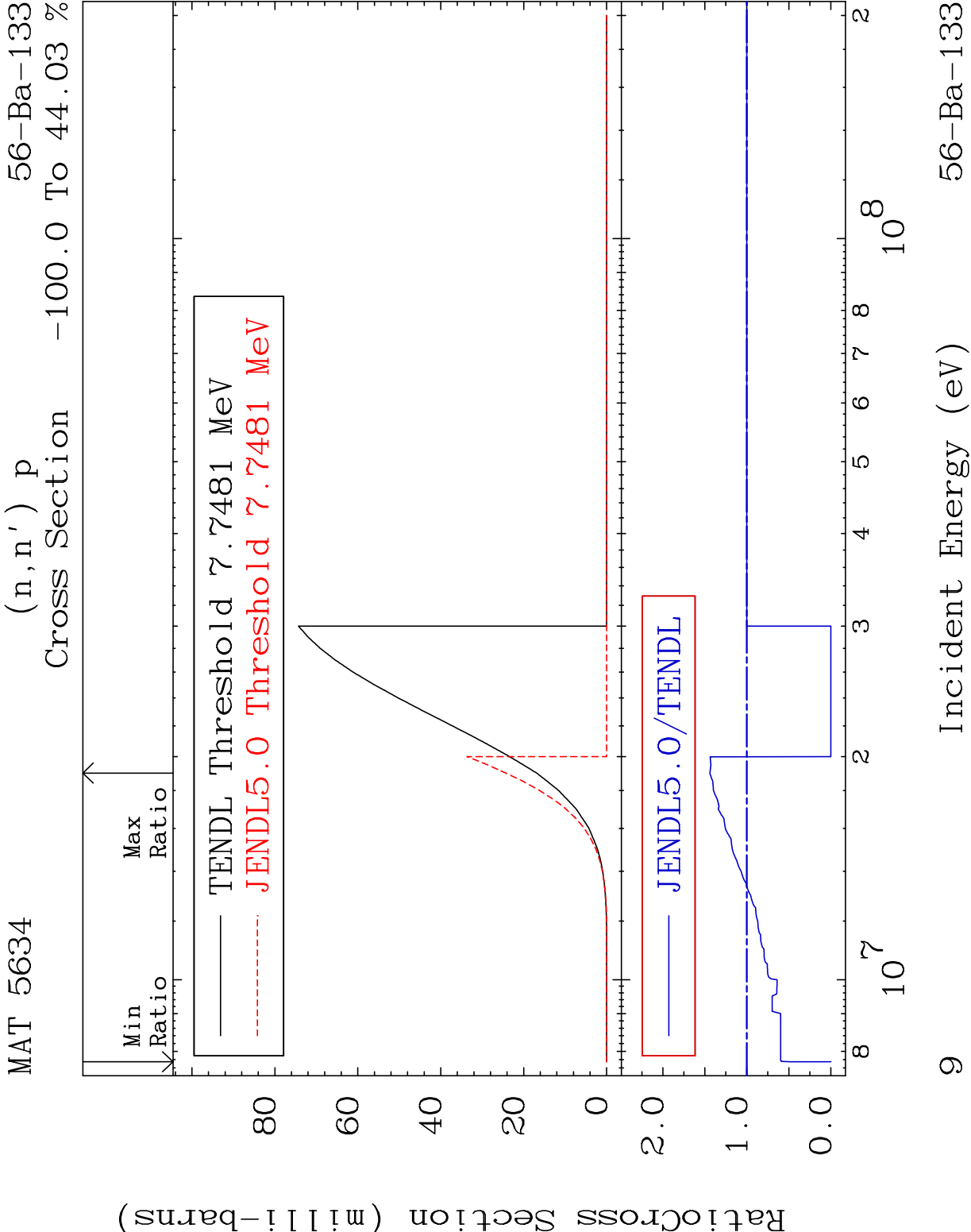
$$(n, n') \propto$$

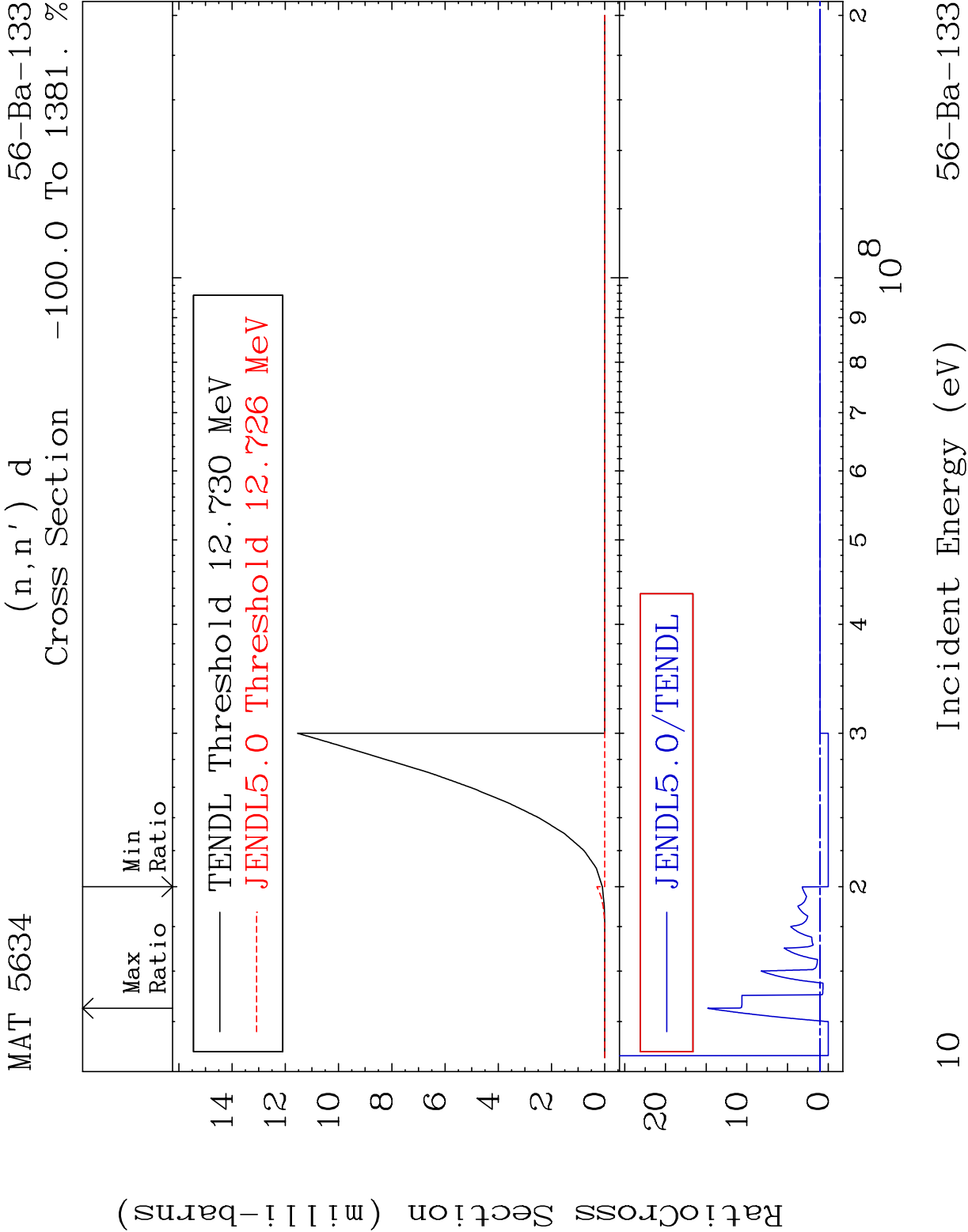
56-Ba-133

Cross Section -100.0 To 9999. %

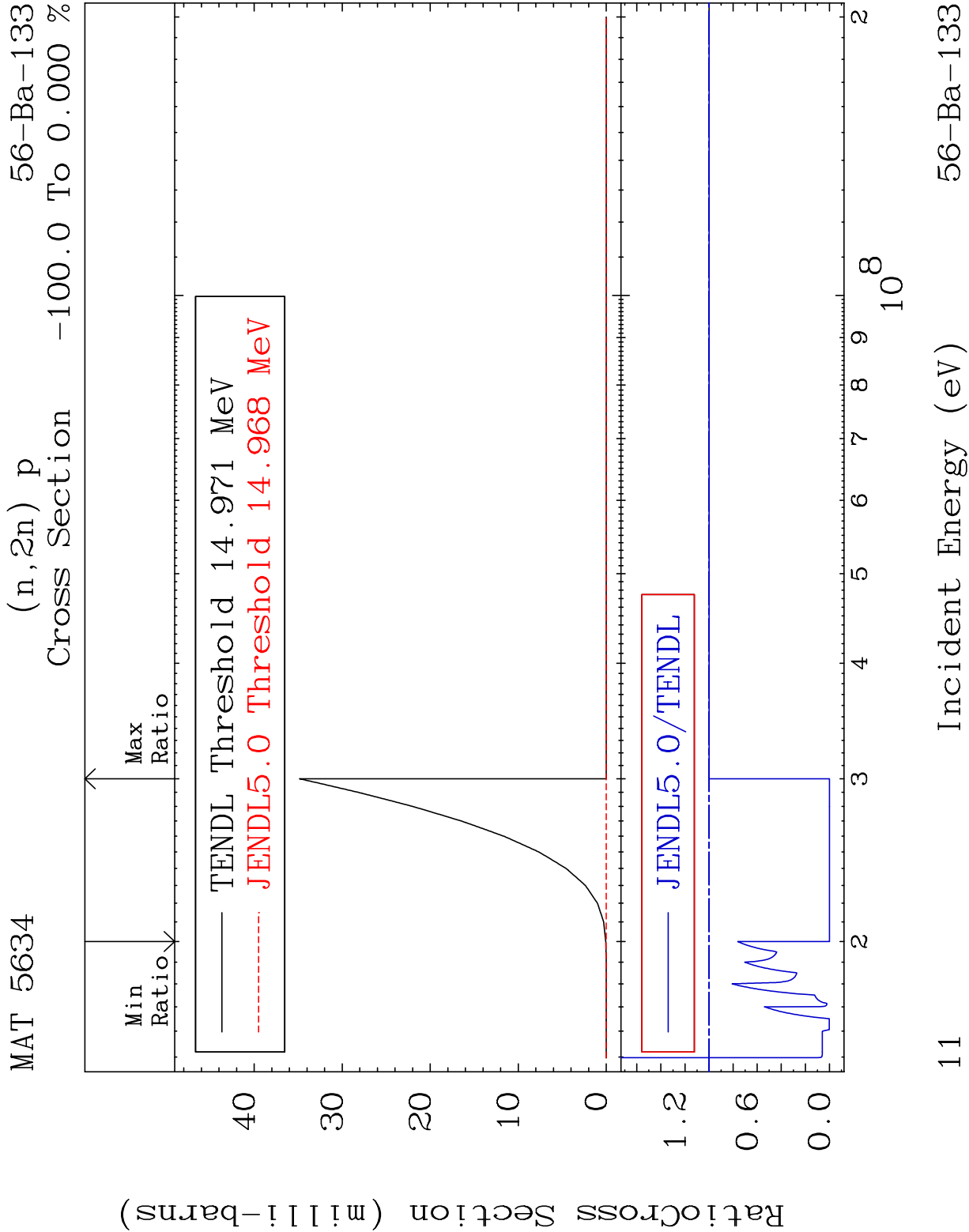




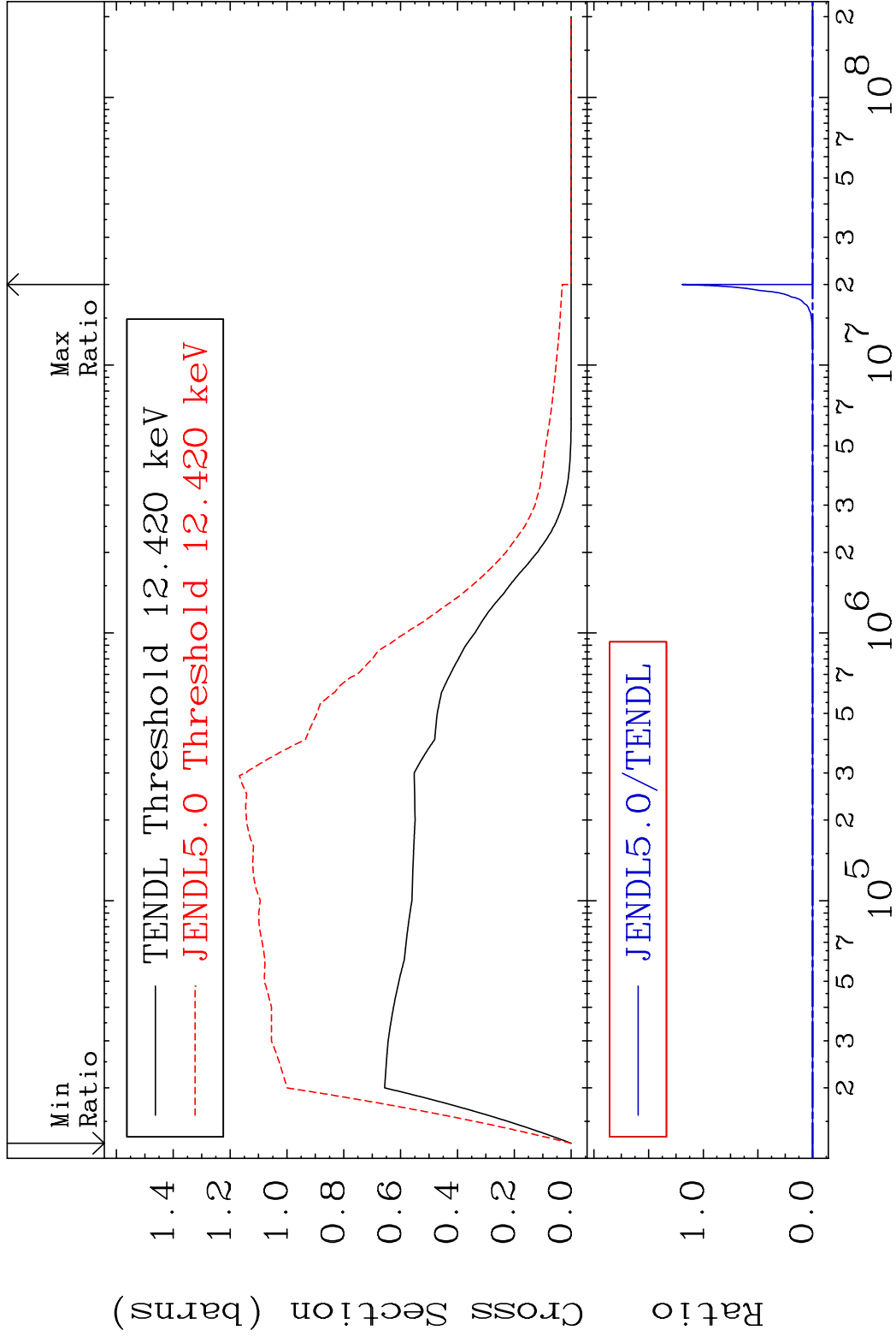




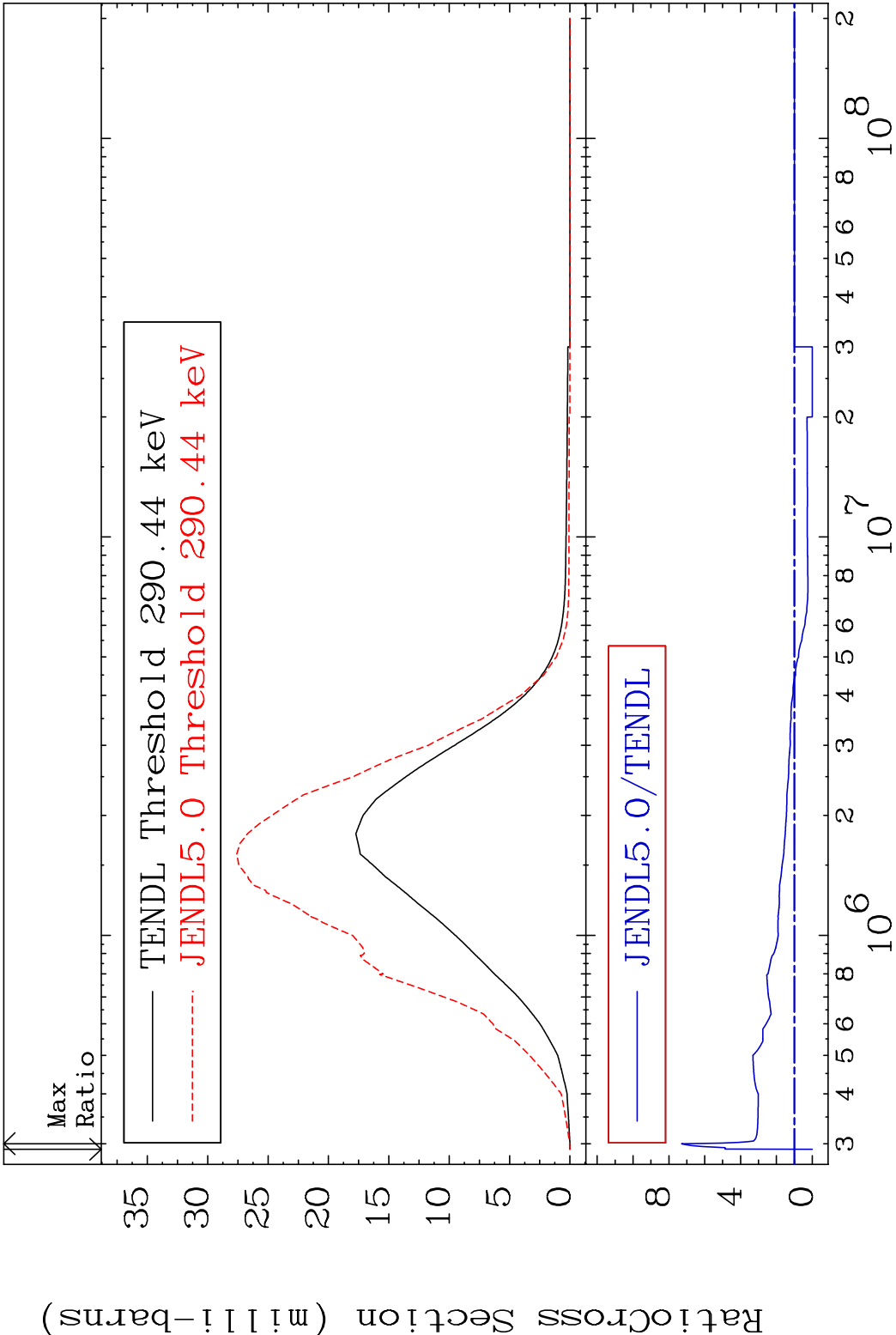
RatioCross Section (milli-barns)



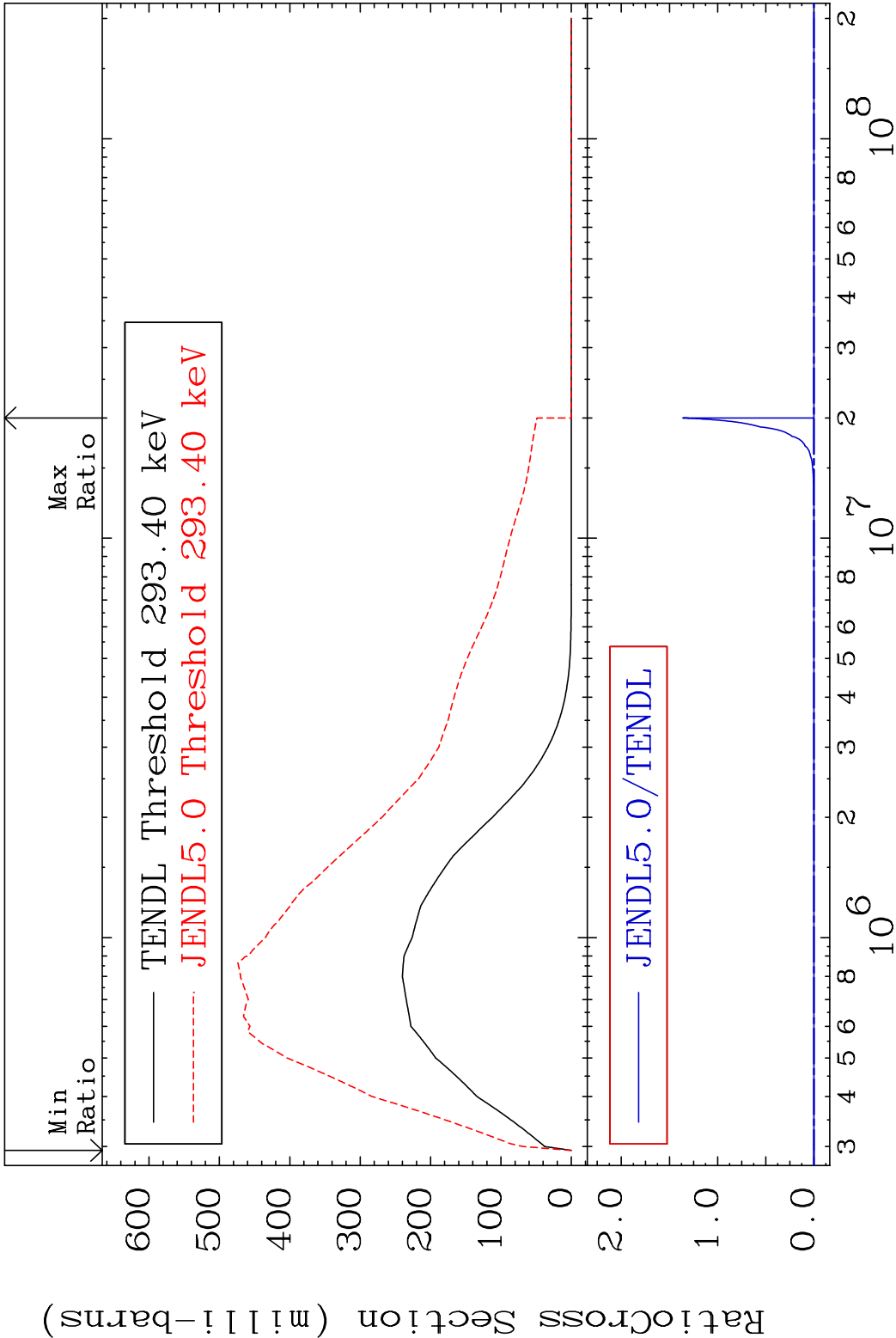
MAT 5634 MT= 51 (n,n') Level 56-Ba-133
Cross Section -100.0 To 9999. %



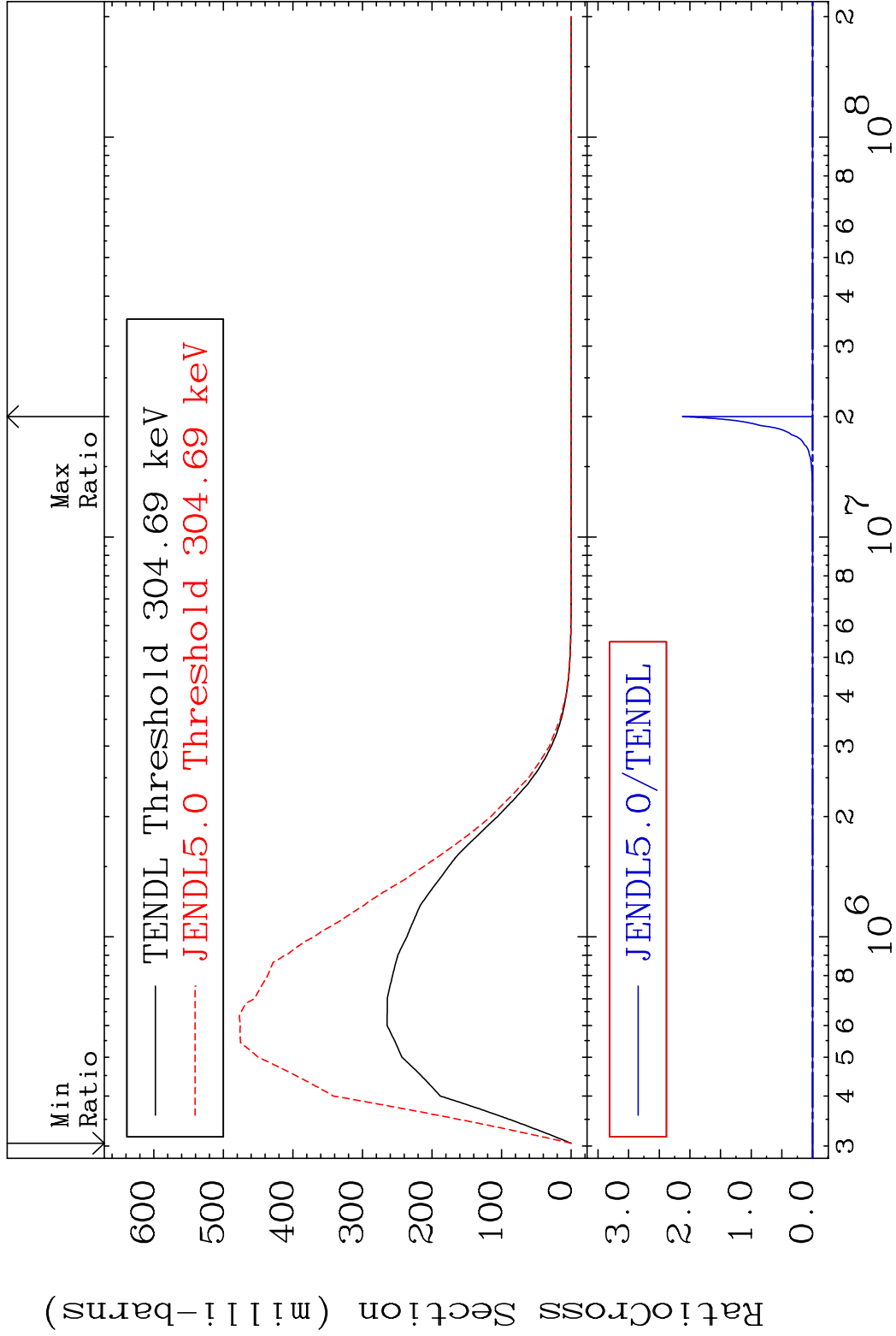
MAT 5634 MT= 52 (n,n') Level 56-Ba-133
 Cross Section -100.0 To 629.4 %

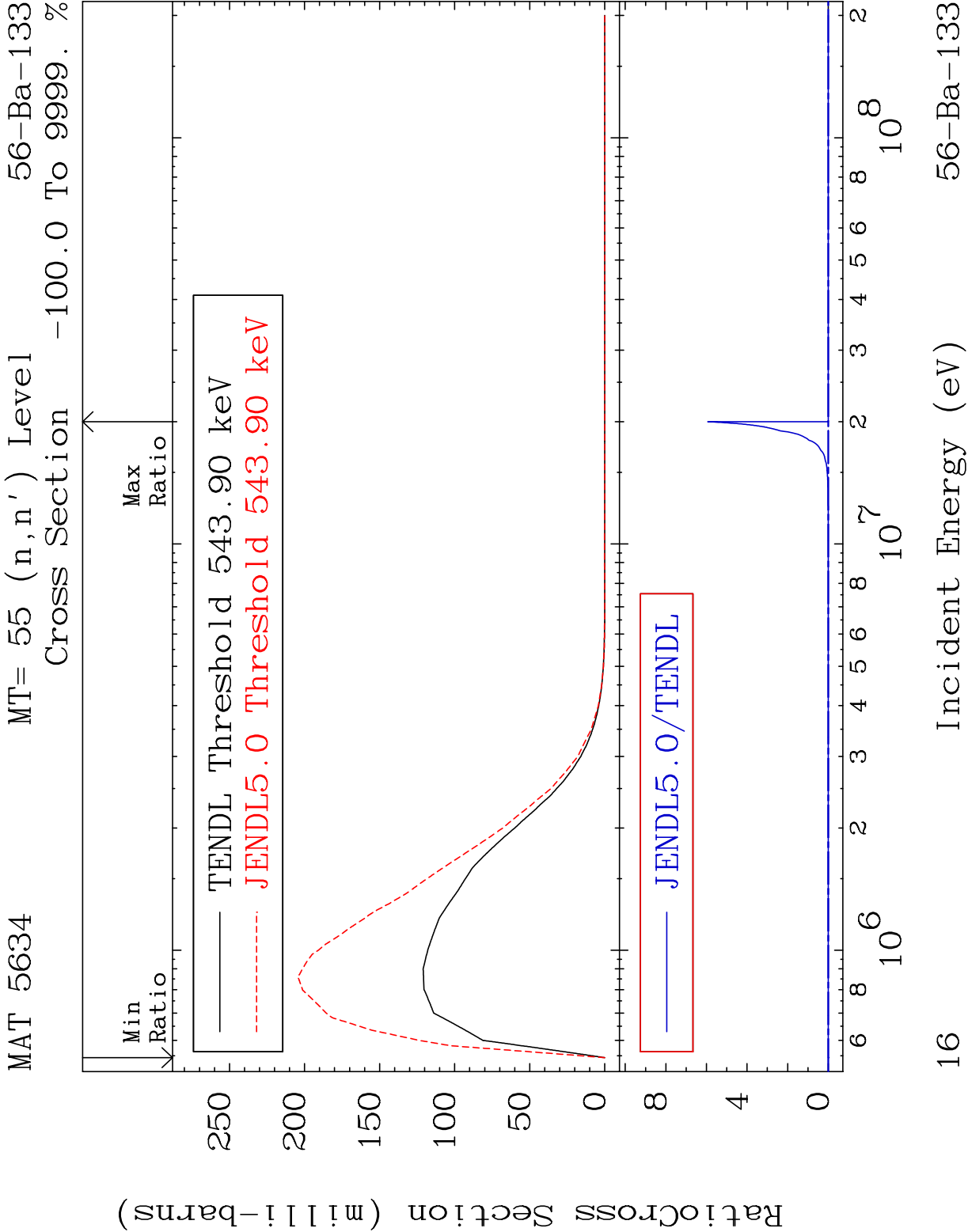


MAT 5634 MT= 53 (n,n') Level 56-Ba-133
Cross Section -100.0 To 9999. %



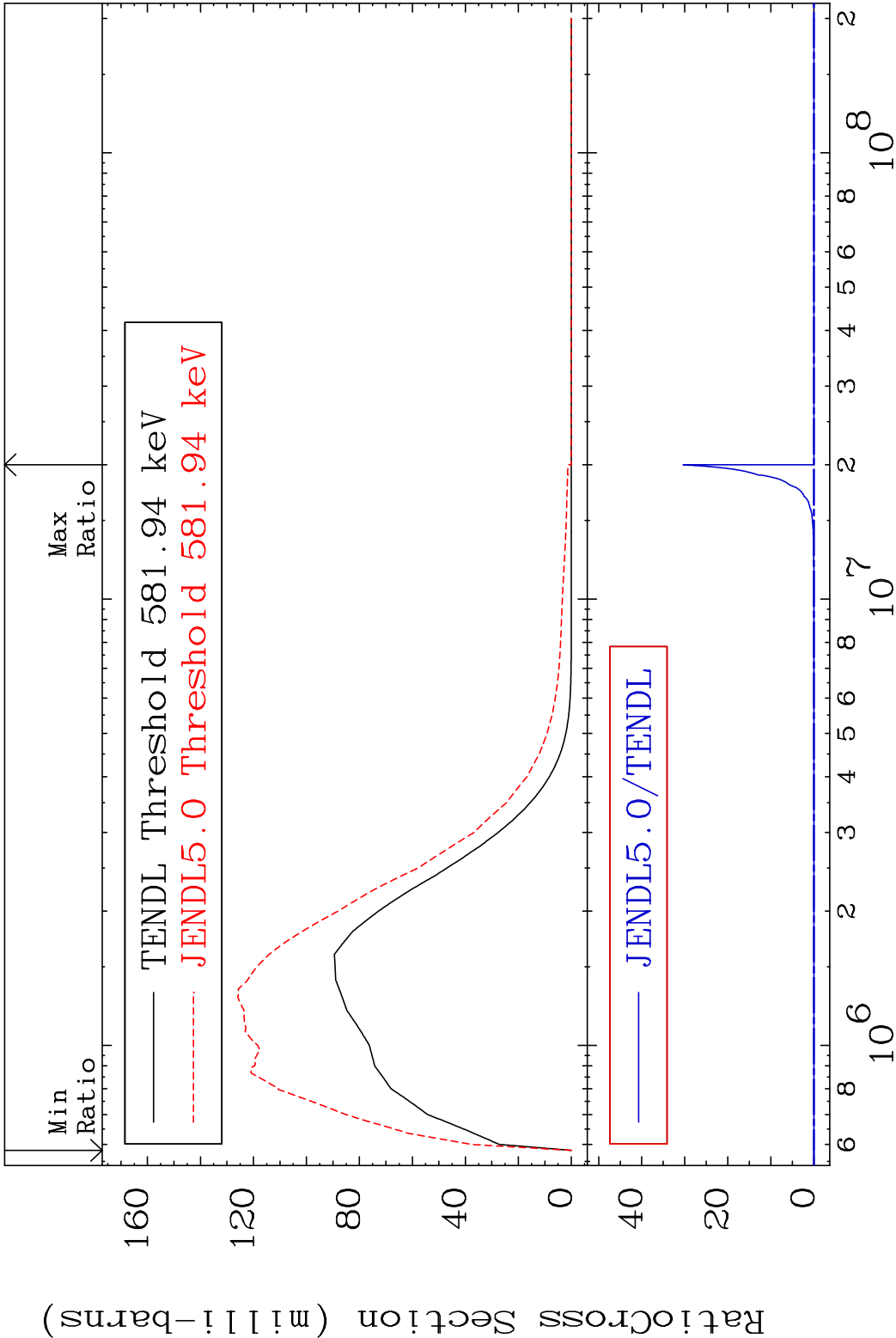
MAT 5634 MT= 54 (n,n') Level 56-Ba-133
Cross Section -100.0 To 9999. %



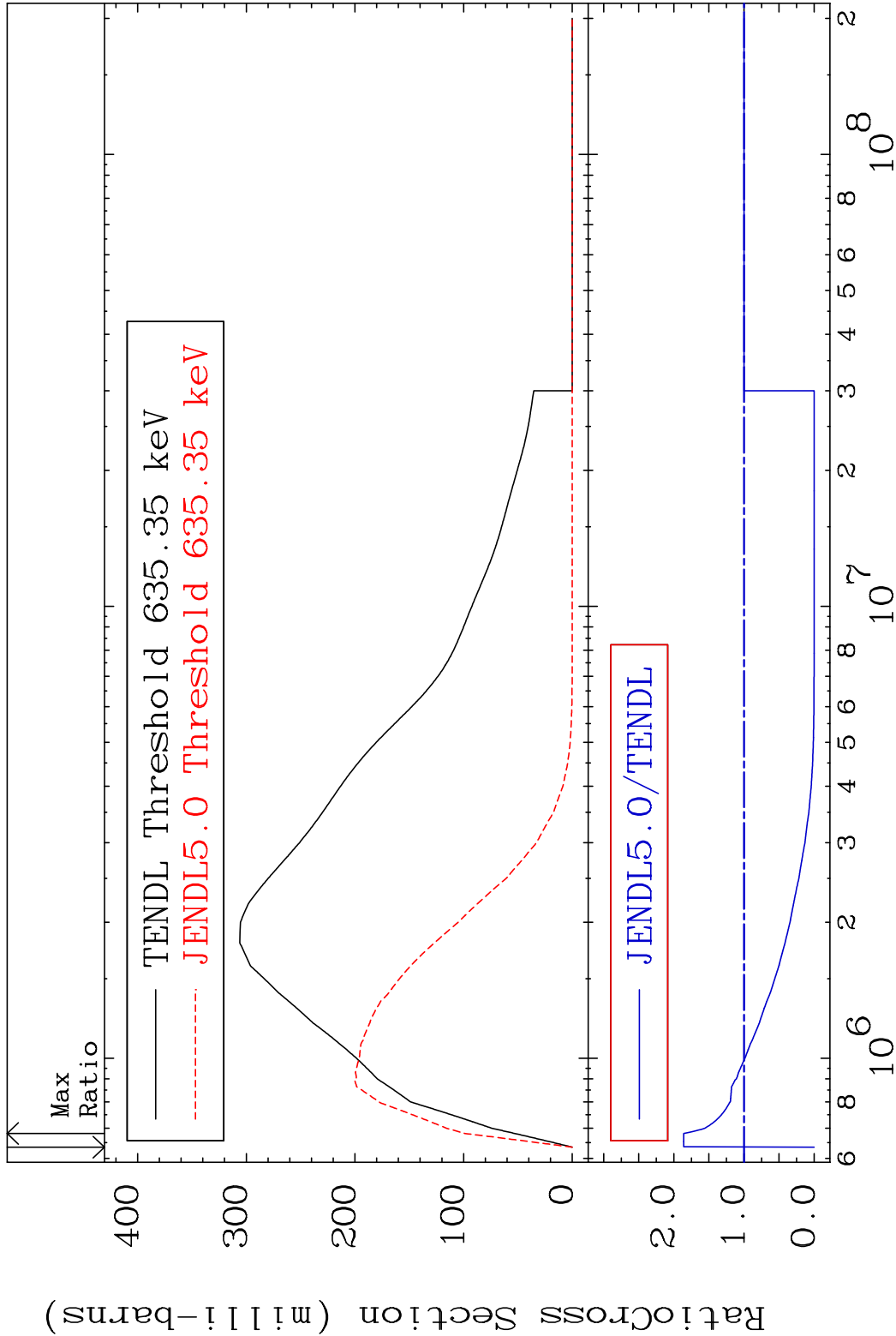


MAT 5634 MT= 56 (n,n') Level 56-Ba-133

Cross Section -100.0 To 9999. %

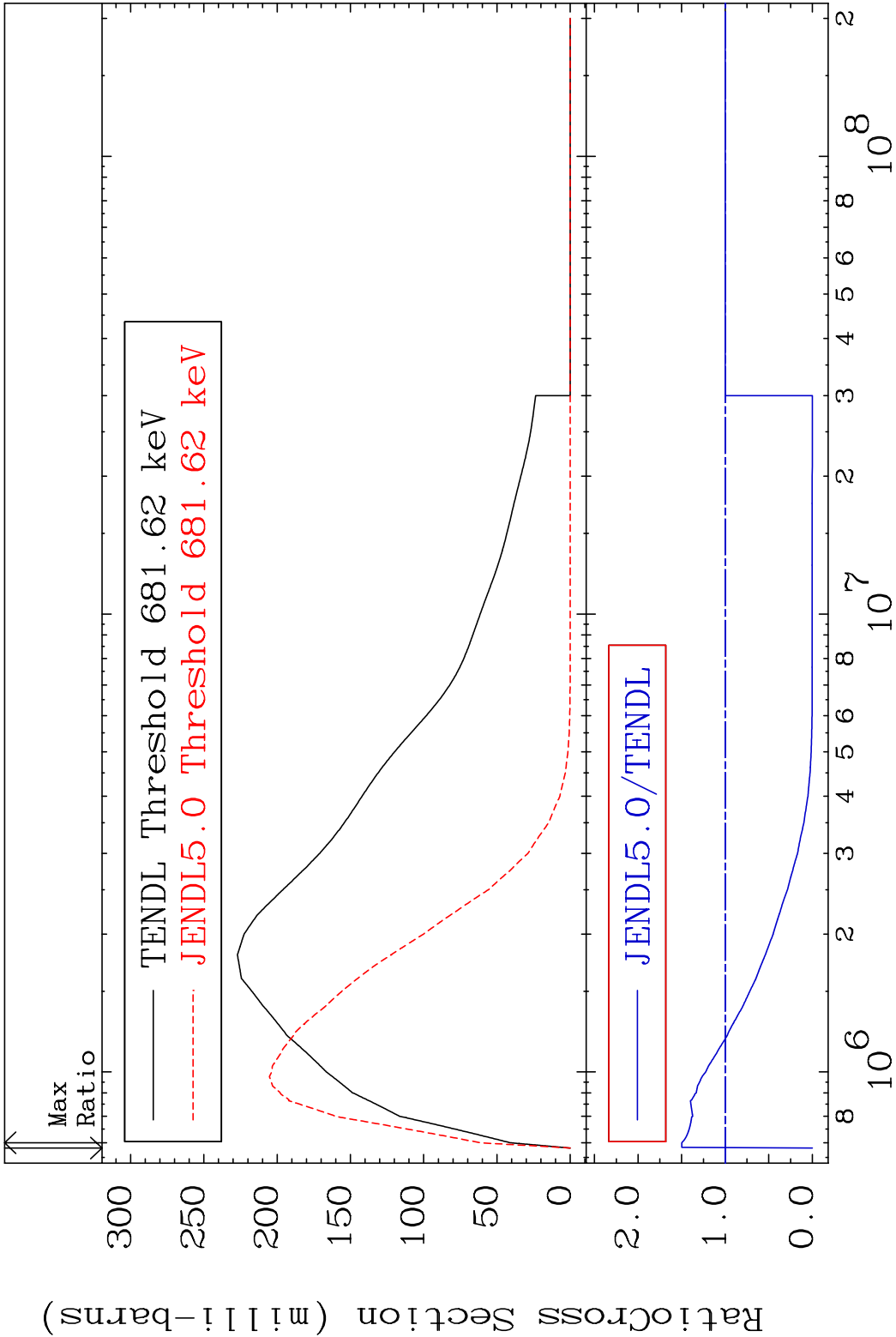


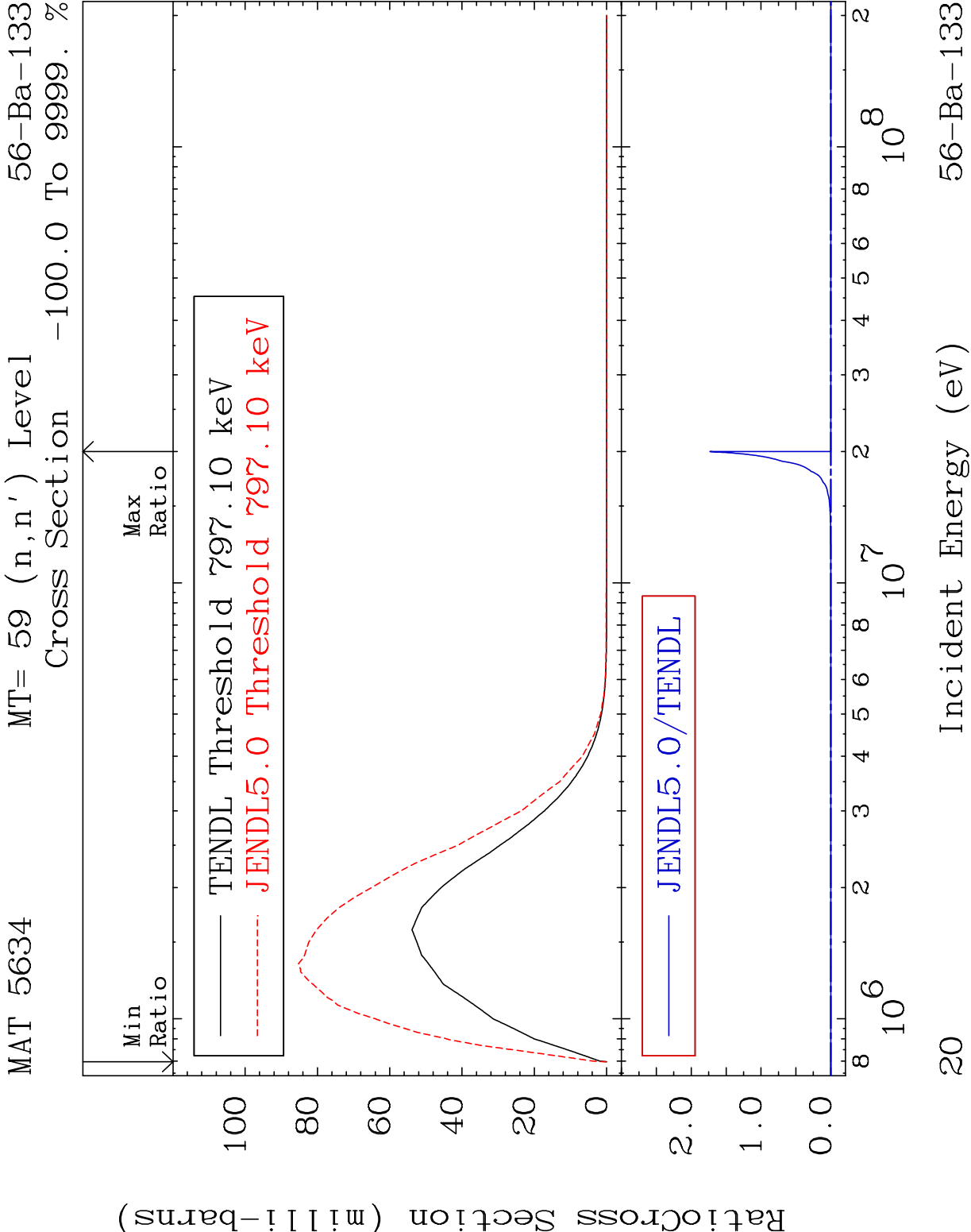
MAT 5634 MT= 57 (n,n') Level 56-Ba-133
Cross Section -100.0 To 86.01 %



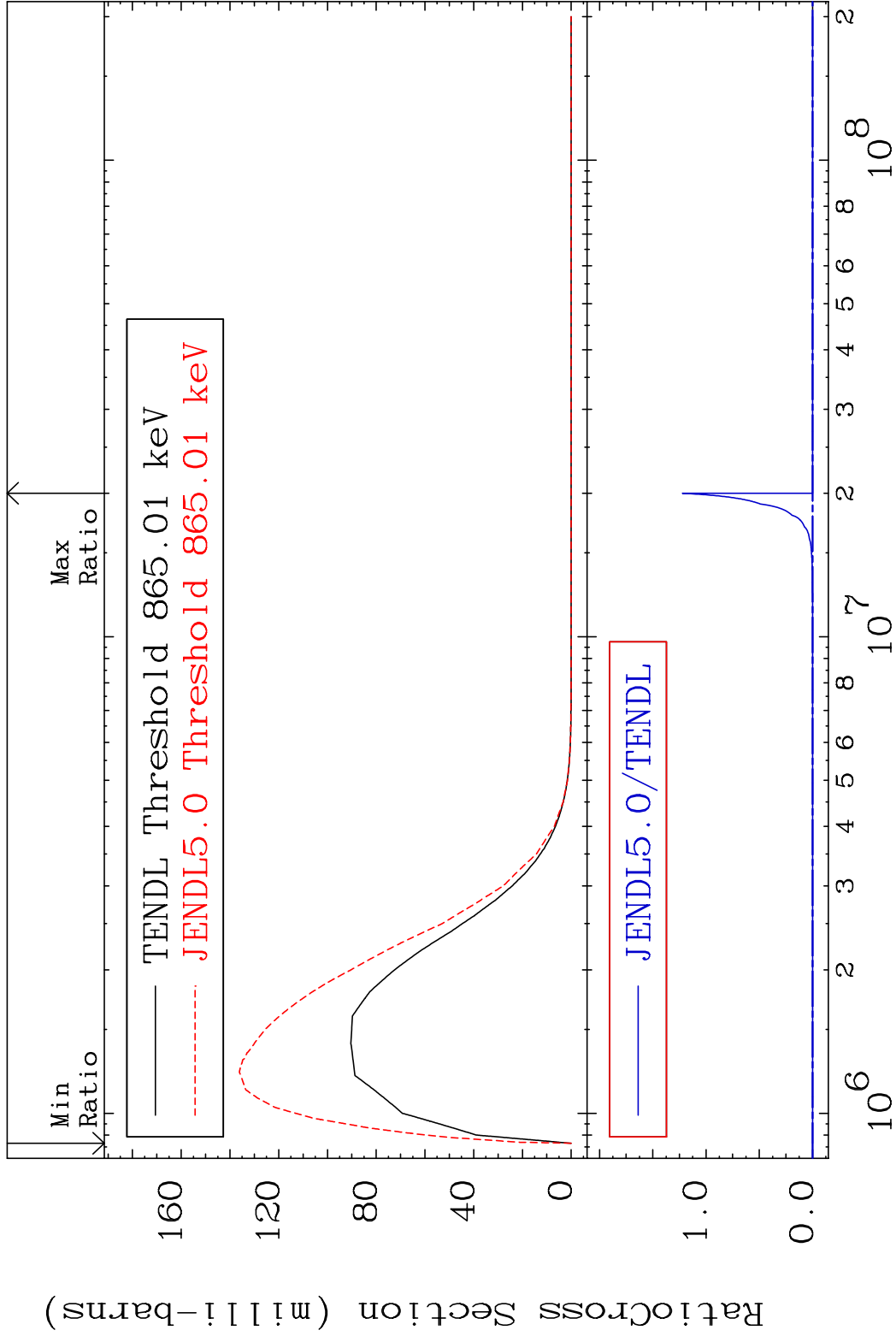
18 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 58 (n,n') Level 56-Ba-133
Cross Section -100.0 To 49.86 %



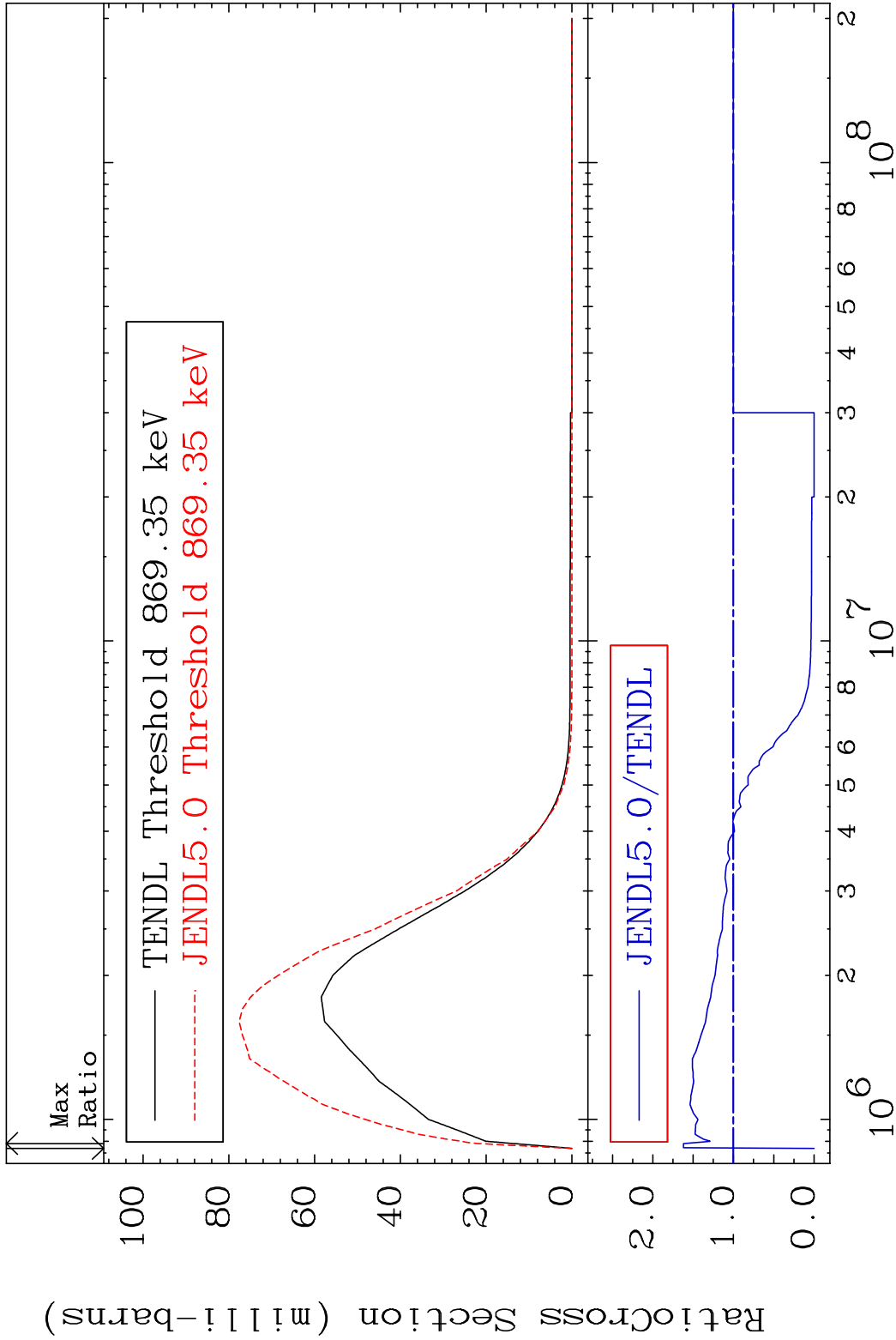


MAT 5634 MT= 60 (n,n') Level 56-Ba-133
Cross Section -100.0 To 9999. %



21 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 61 (n,n') Level 56-Ba-133
Cross Section -100.0 To 61.99 %

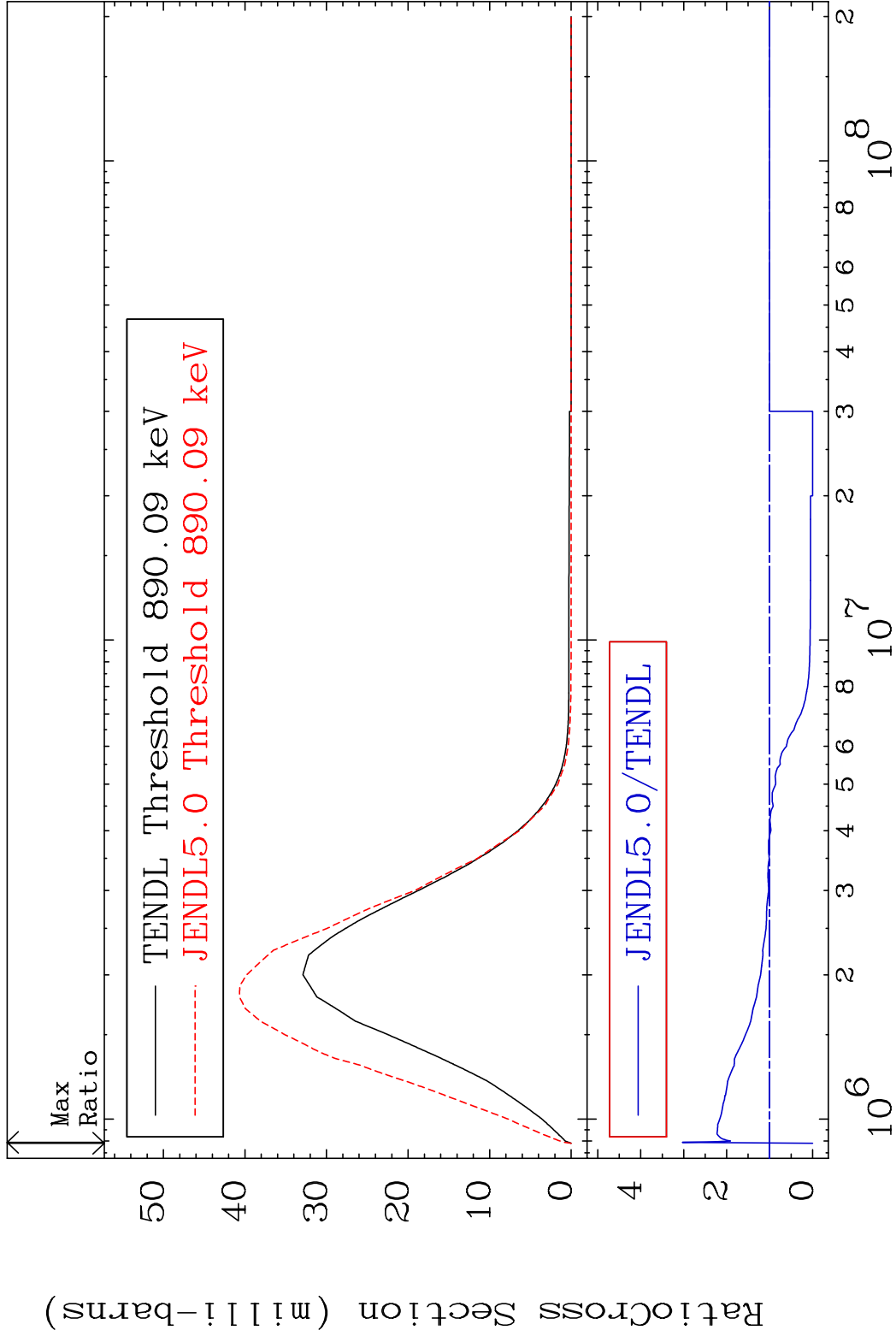


22

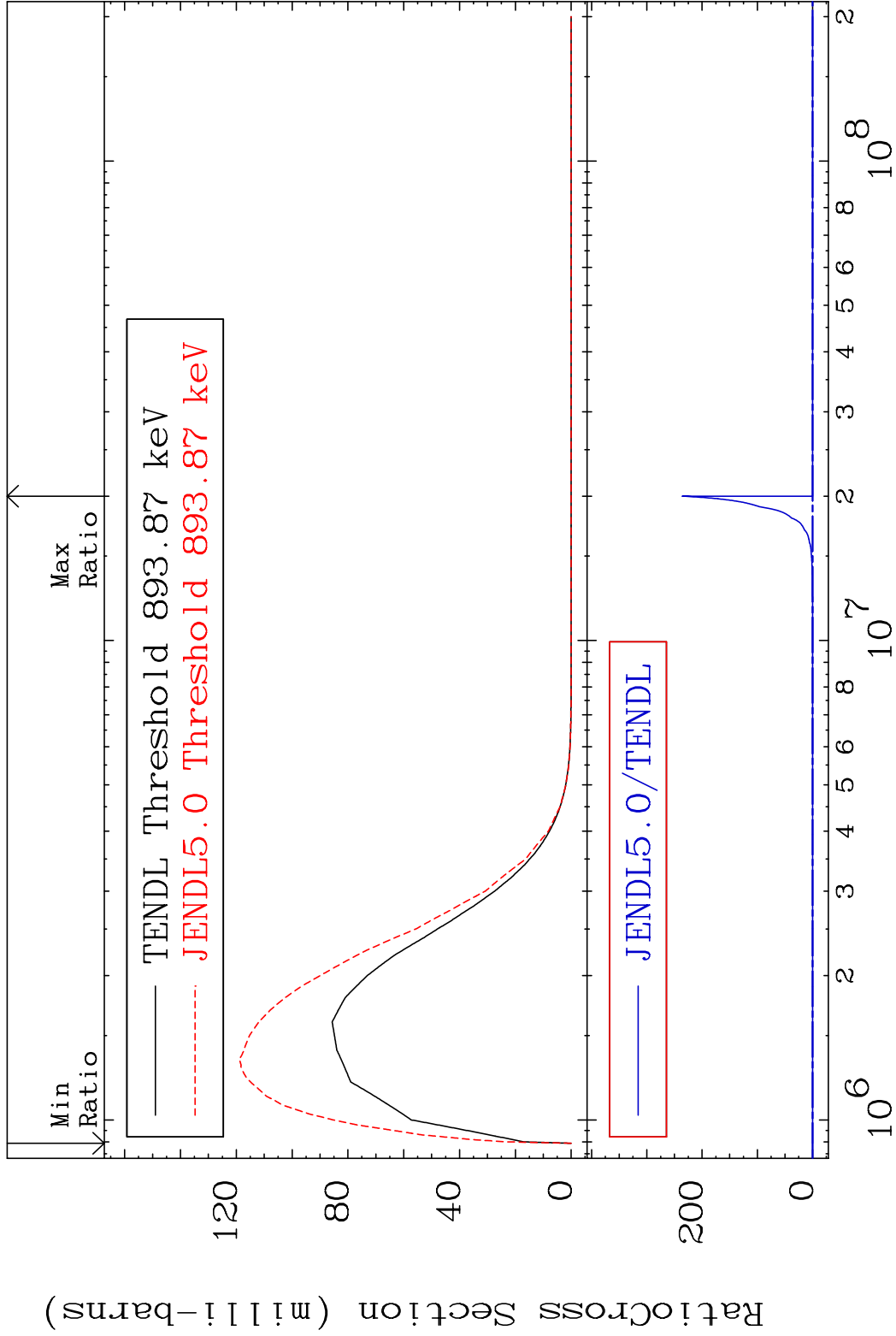
Incident Energy (eV)

56-Ba-133

MAT 5634 MT= 62 (n,n') Level 56-Ba-133
Cross Section -100.0 To 203.1 %

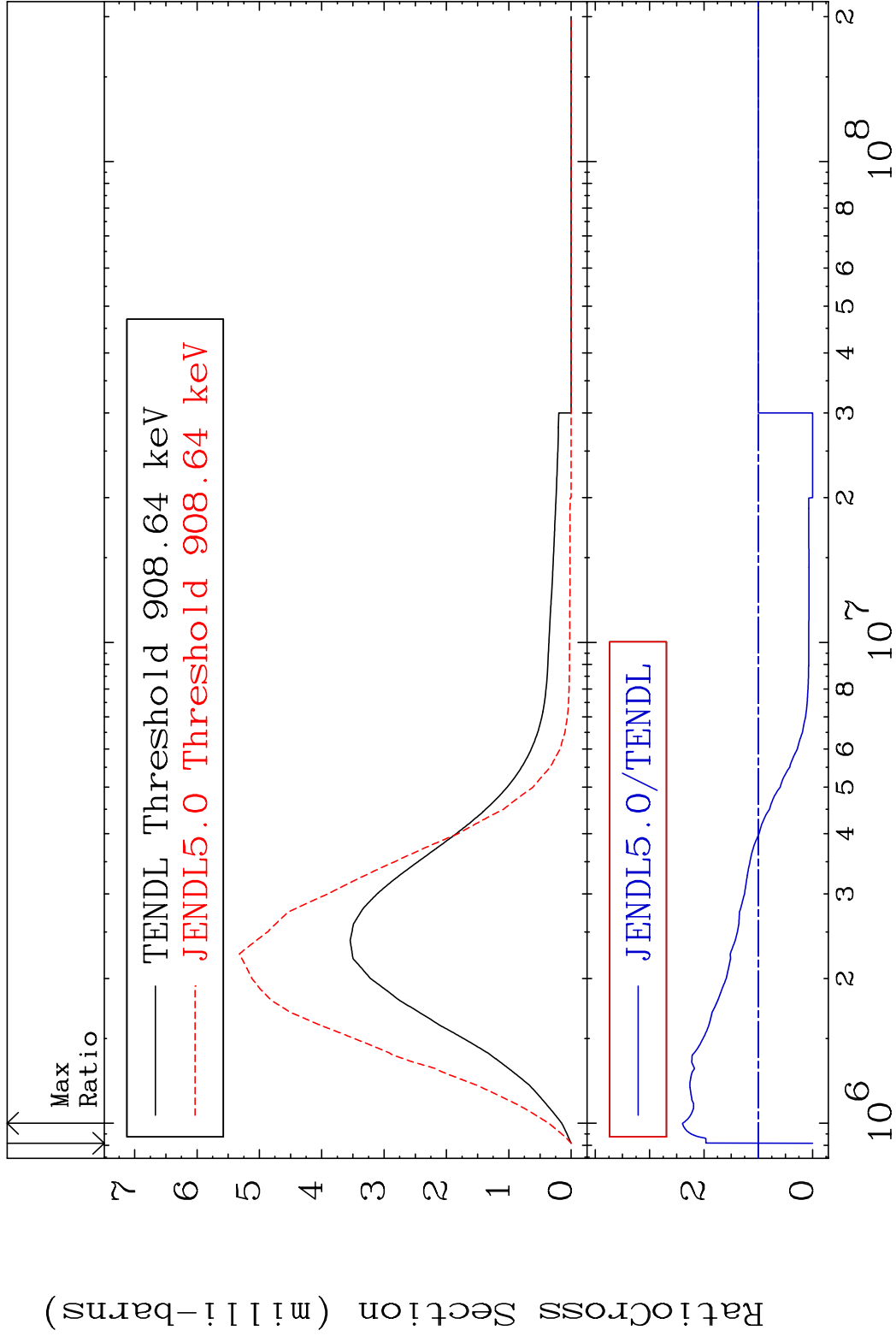


MAT 5634 MT= 63 (n,n') Level 56-Ba-133
Cross Section -100.0 To 9999. %

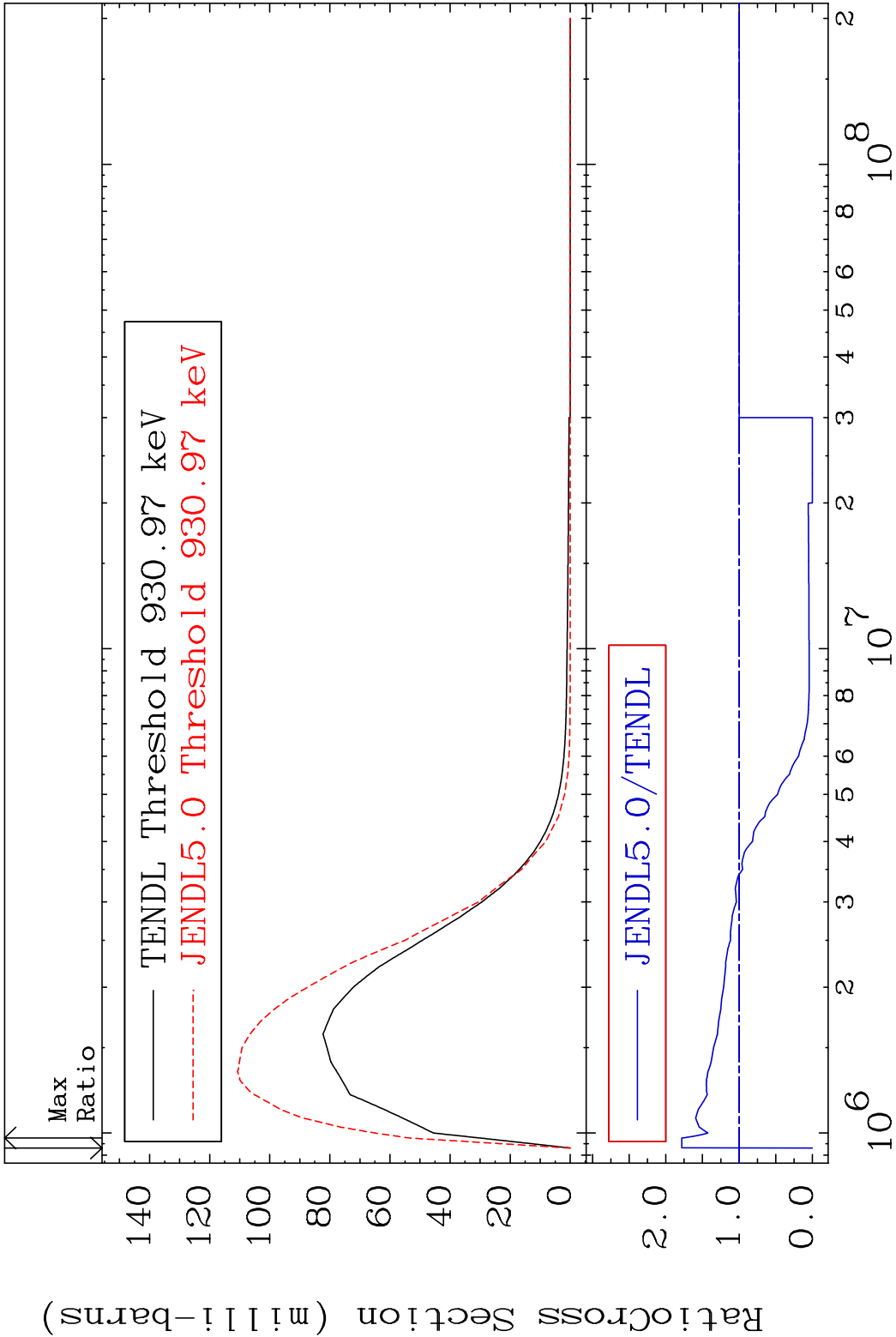


24 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 64 (n,n') Level 56-Ba-133
Cross Section -100.0 To 139.7 %

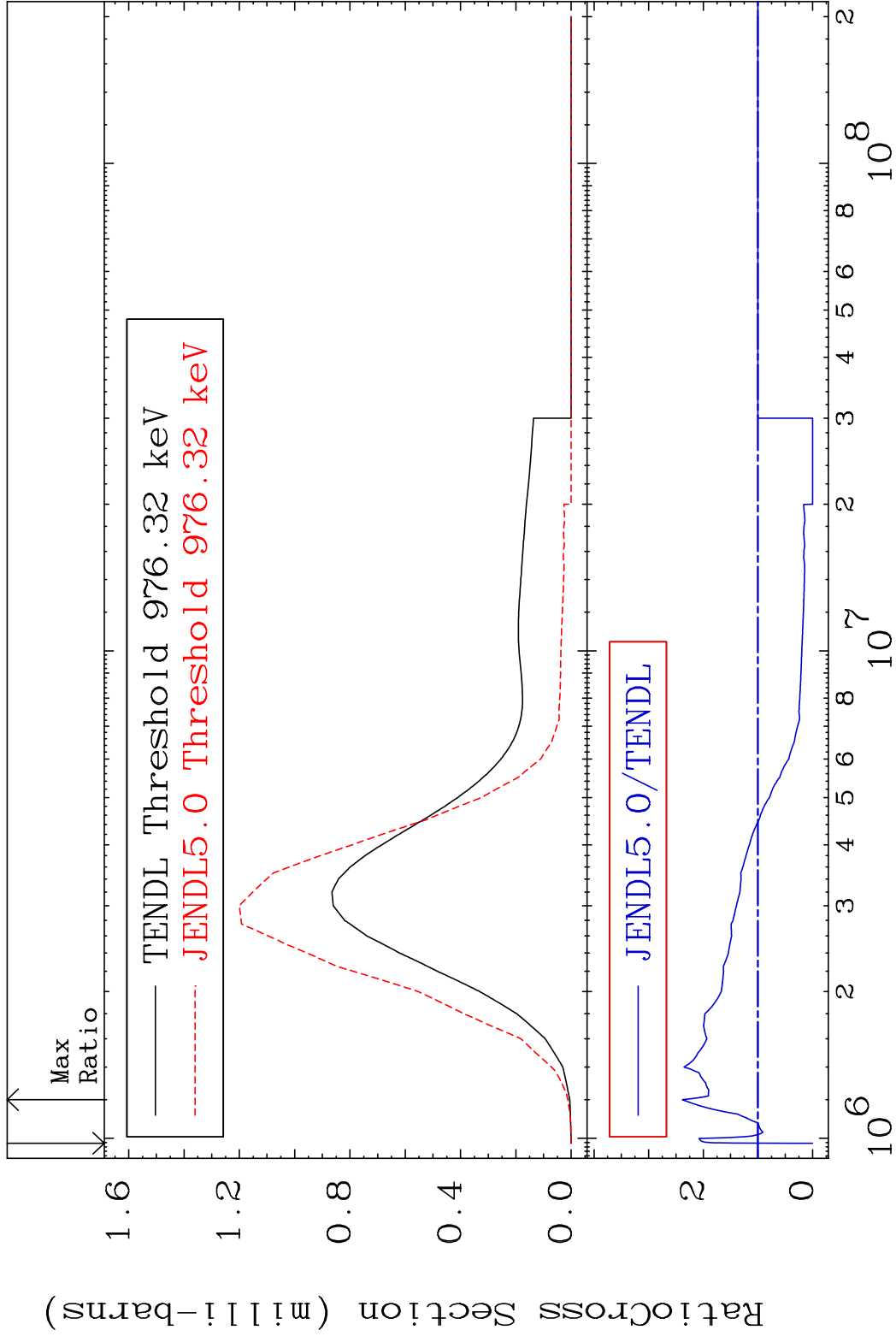


MAT 5634 MT= 65 (n,n') Level 56-Ba-133
Cross Section -100.0 To 78.31 %

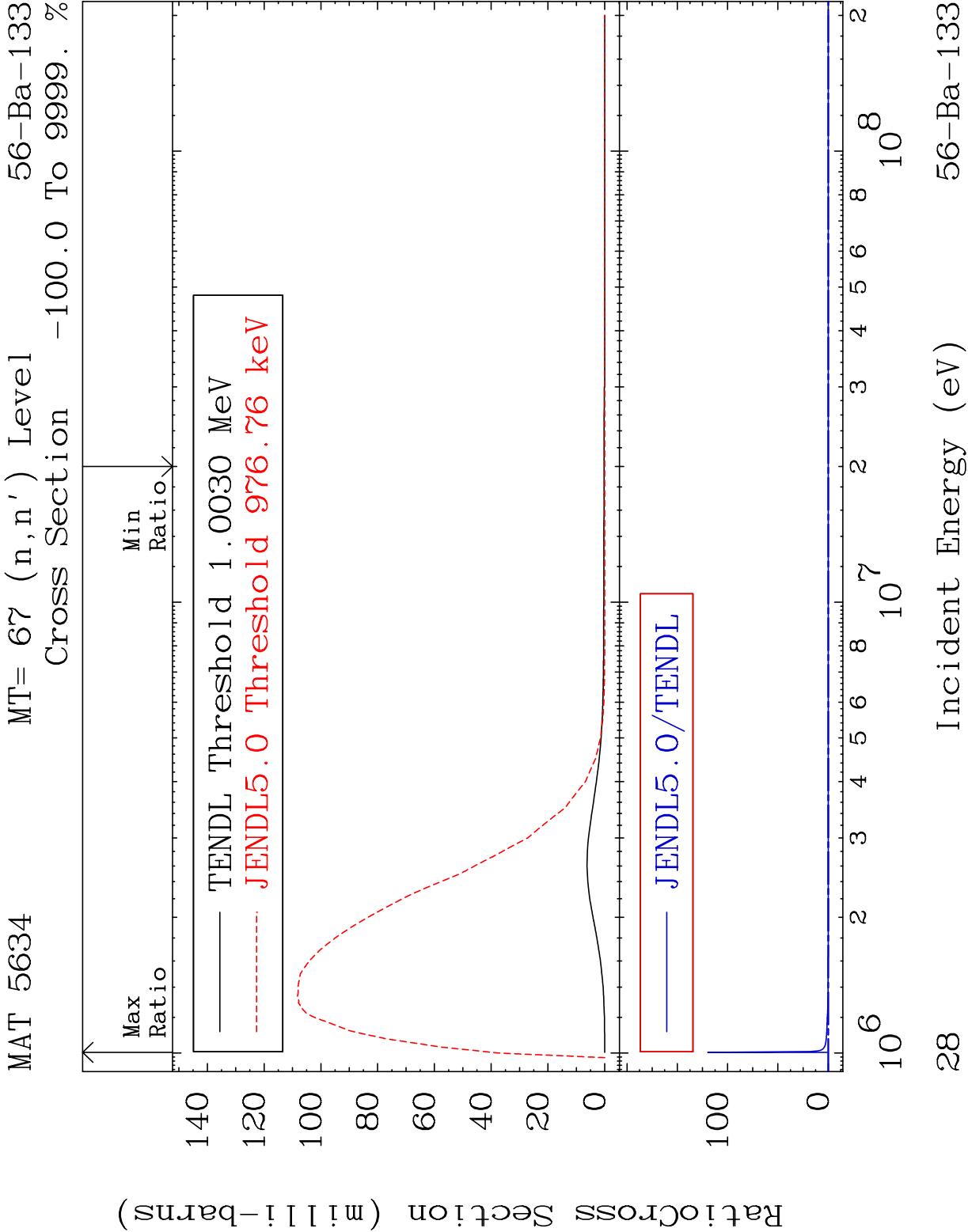


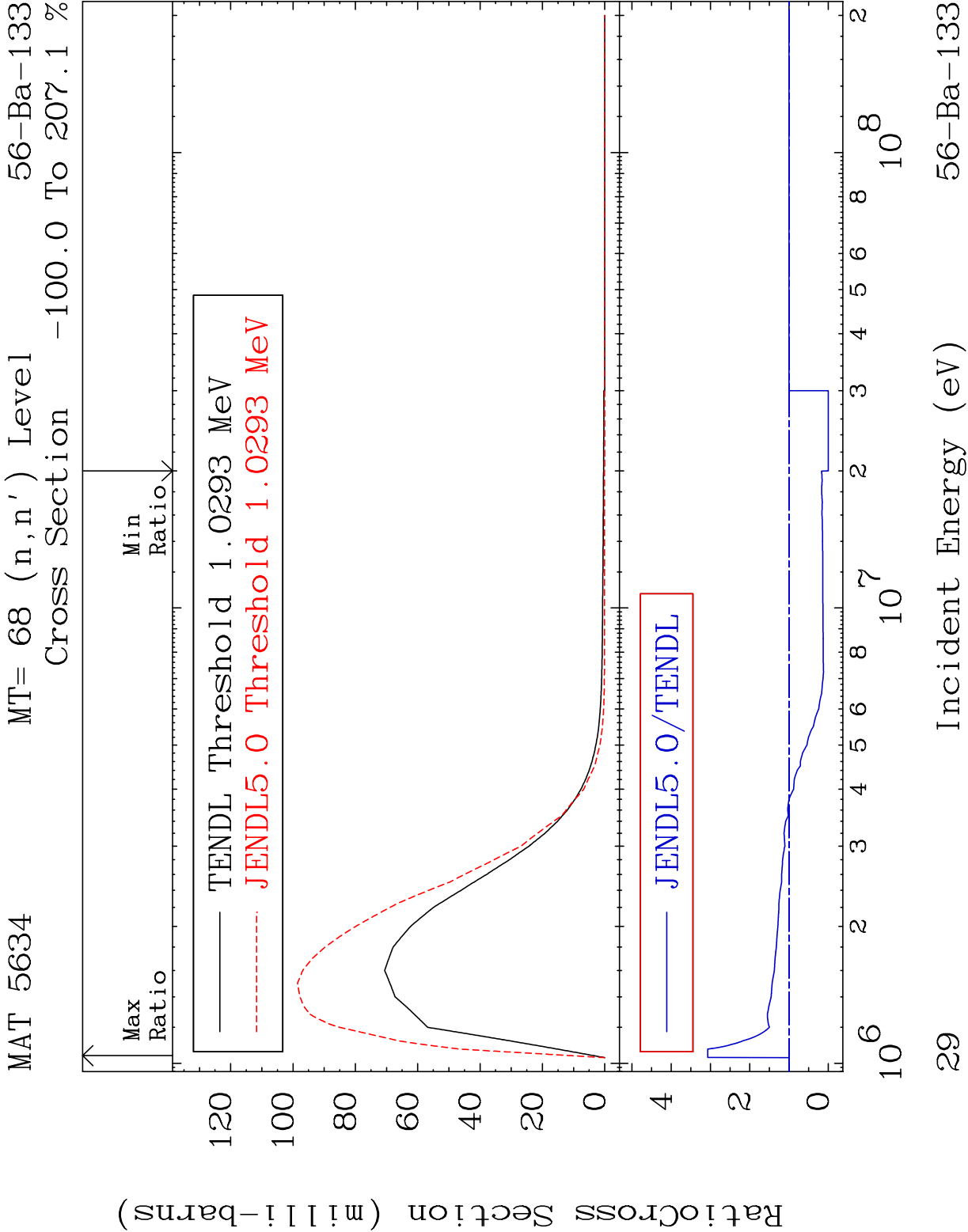
26 Incident Energy (eV) 56-Ba-133

MAT 5634 MT= 66 (n,n') Level 56-Ba-133
Cross Section -100.0 To 138.3 %

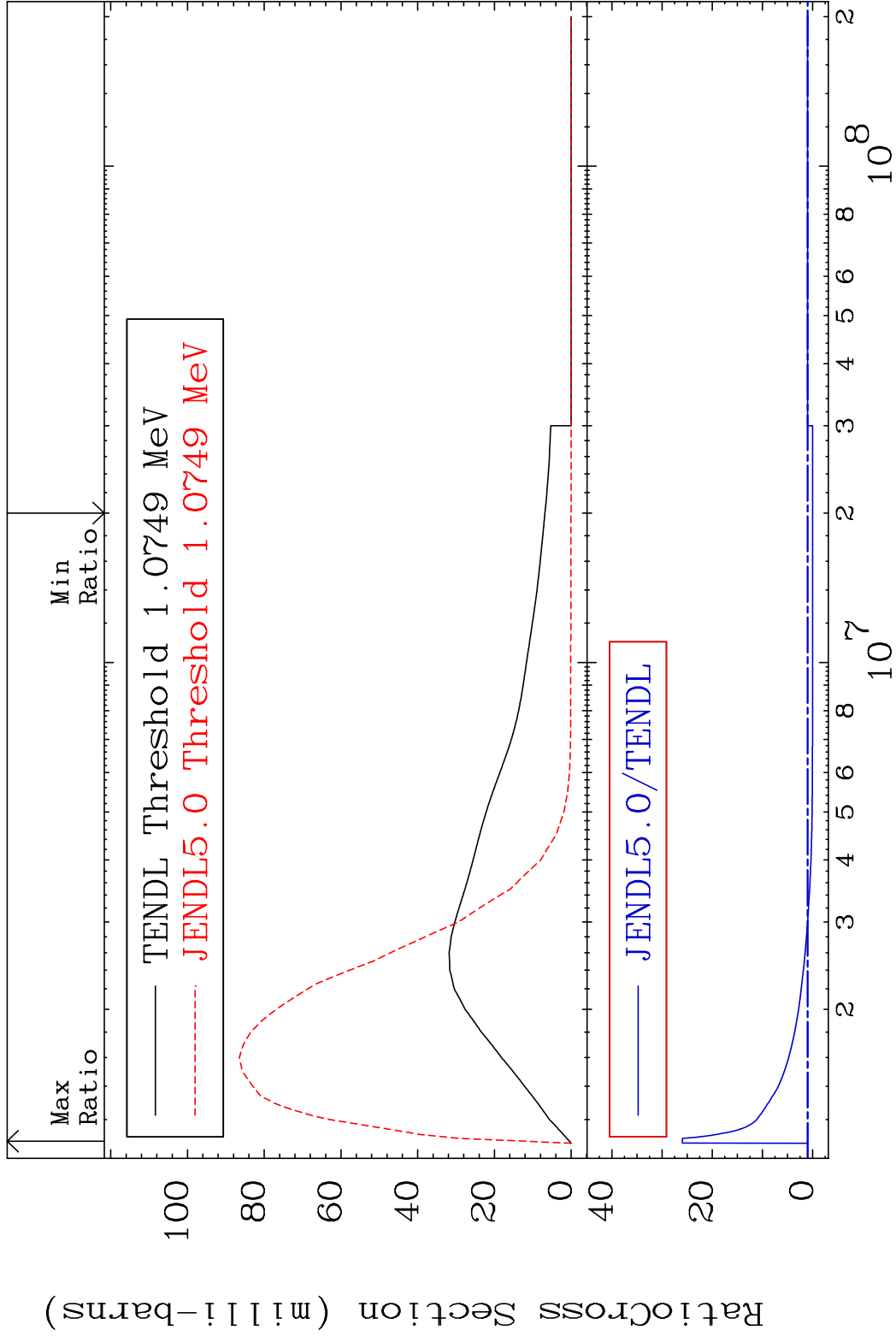


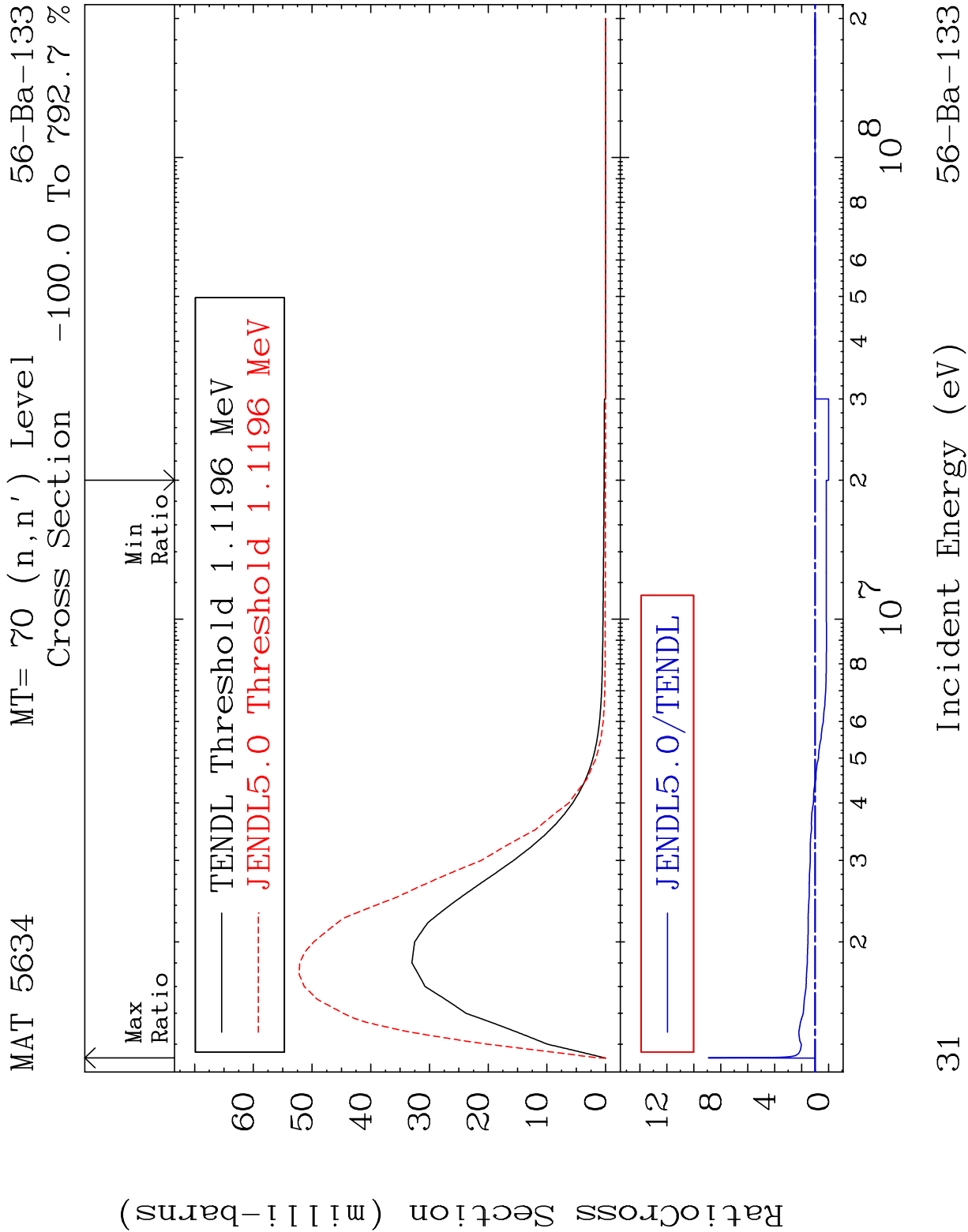
27 Incident Energy (eV) 56-Ba-133



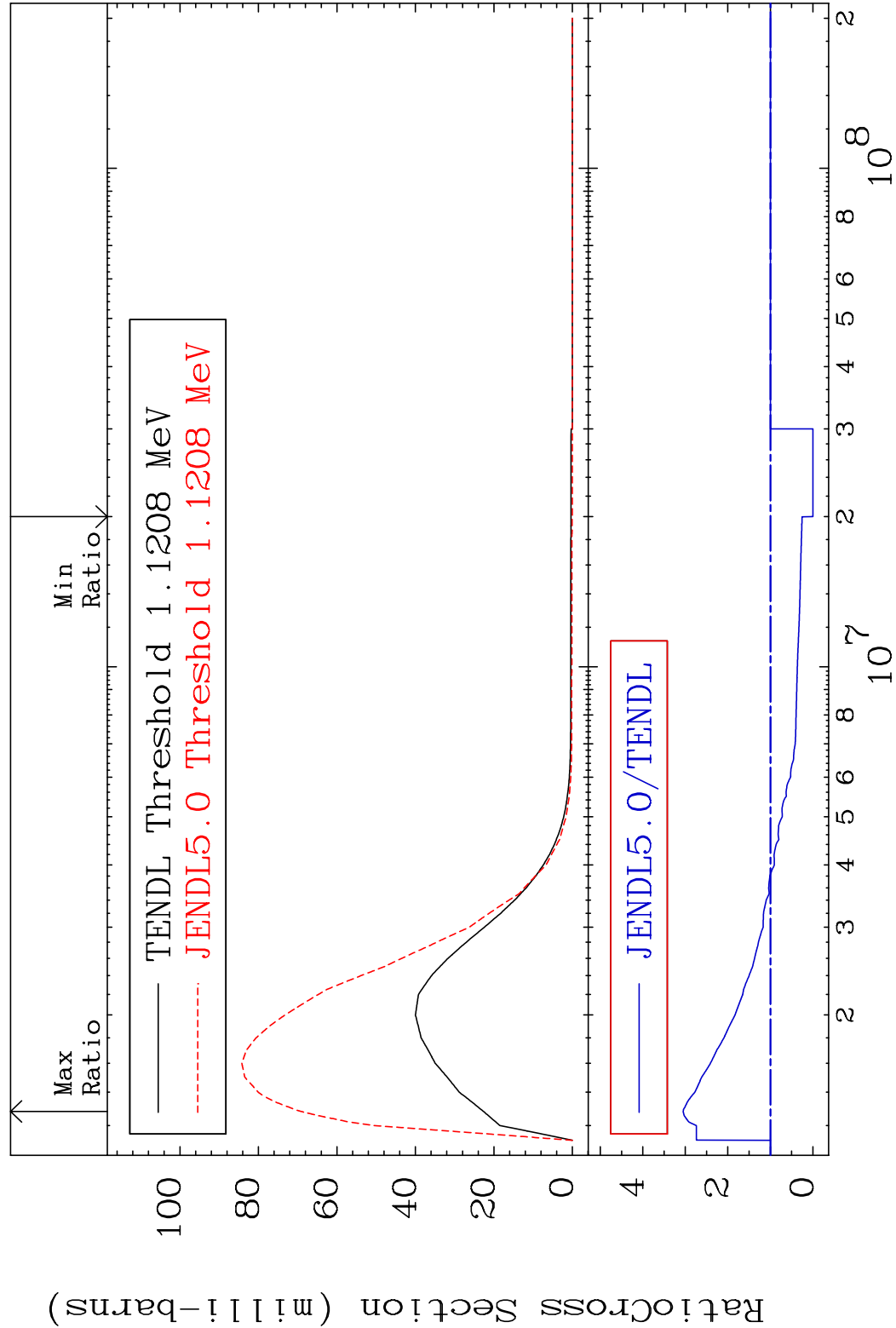


MAT 5634 MT= 69 (n,n') Level 56-Ba-133
Cross Section -100.0 To 2496. %





MAT 5634 MT= 71 (n,n') Level 56-Ba-133
 Cross Section -100.0 To 205.0 %



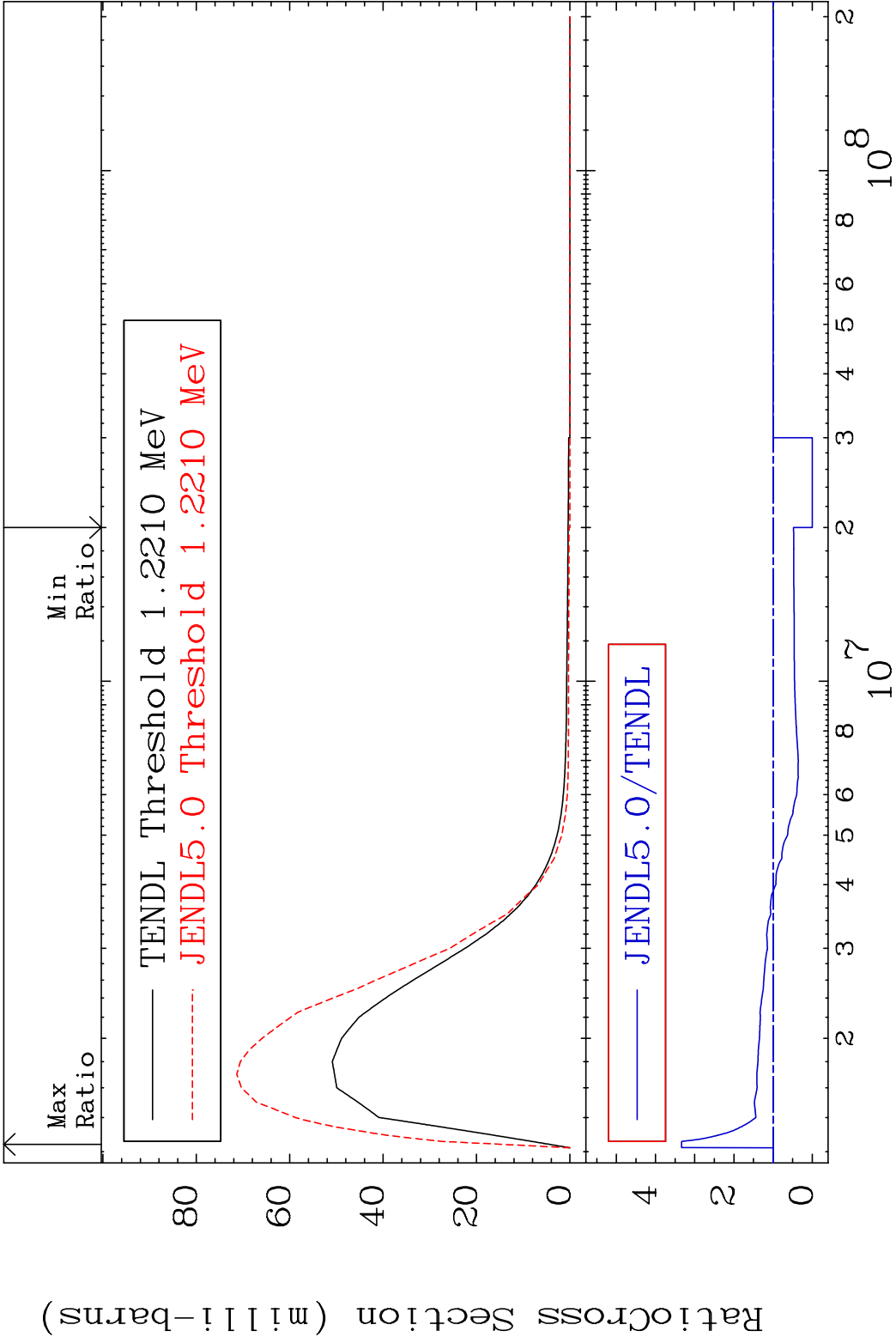
MAT 5634

MT= 72 (n,n') Level

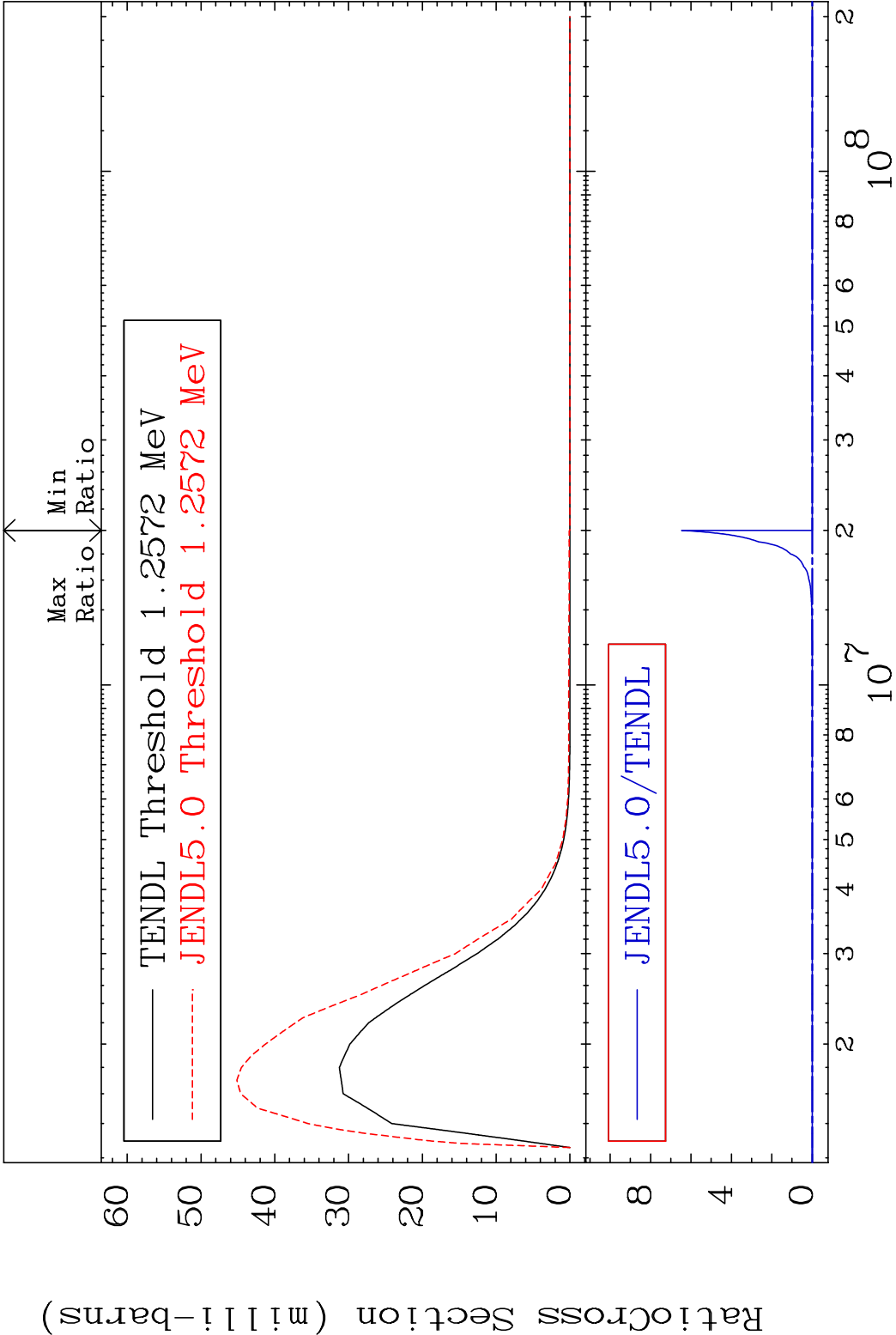
56-Ba-133

Cross Section

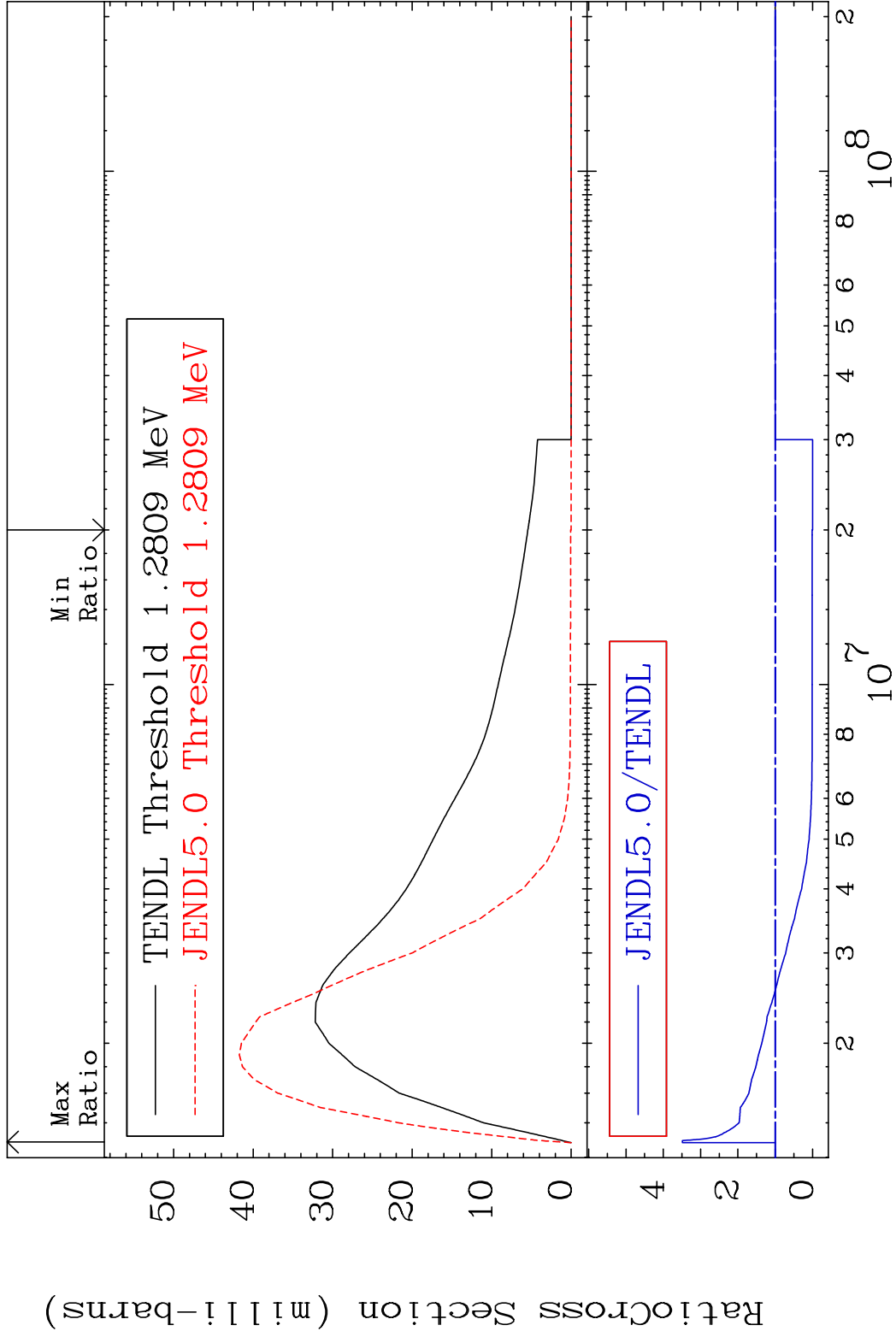
-100.0 To 233.7 %

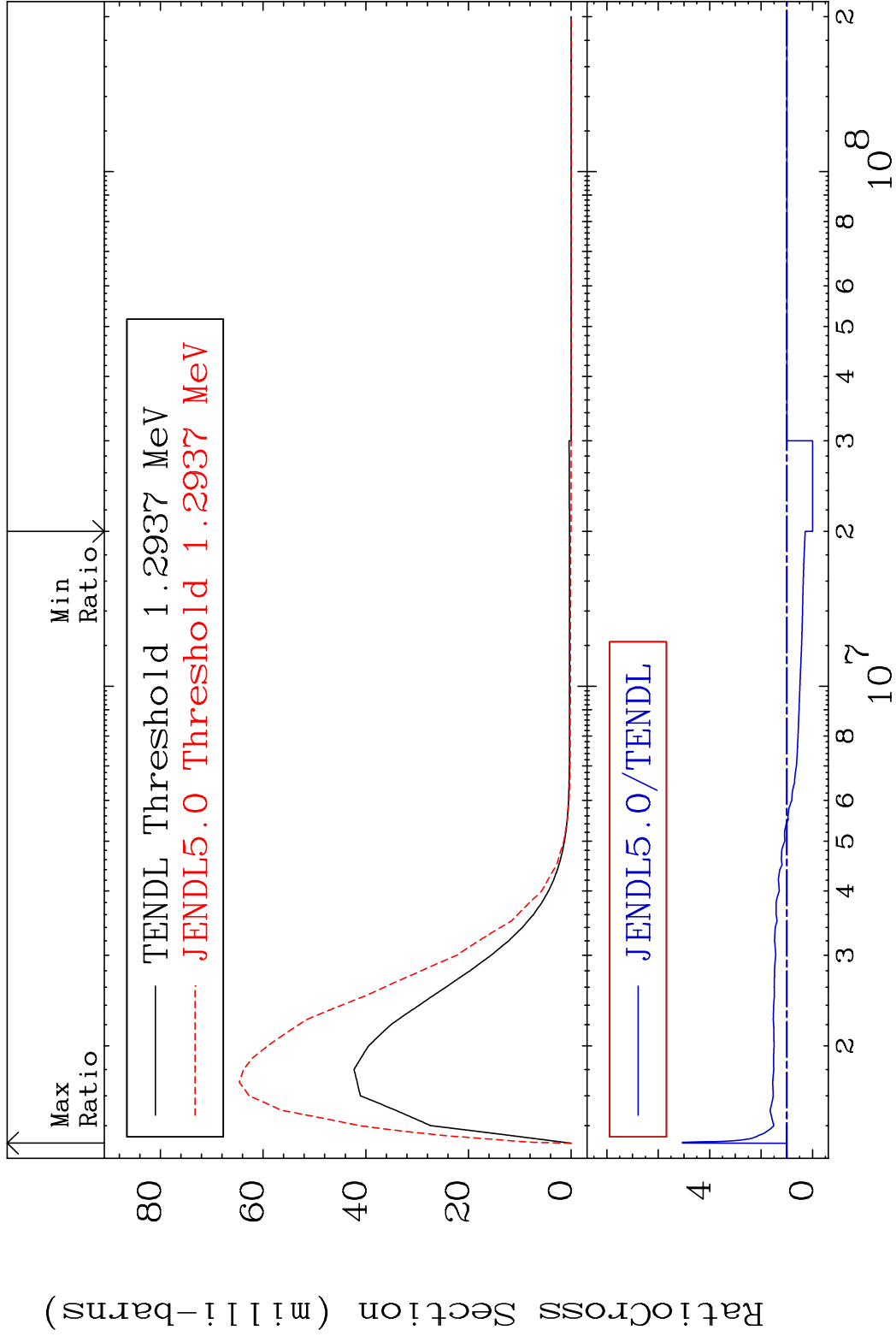


MAT 5634	MT= 73 (n,n')	Level	56-Ba-133
	Cross Section	-100.0 To 9999. %	



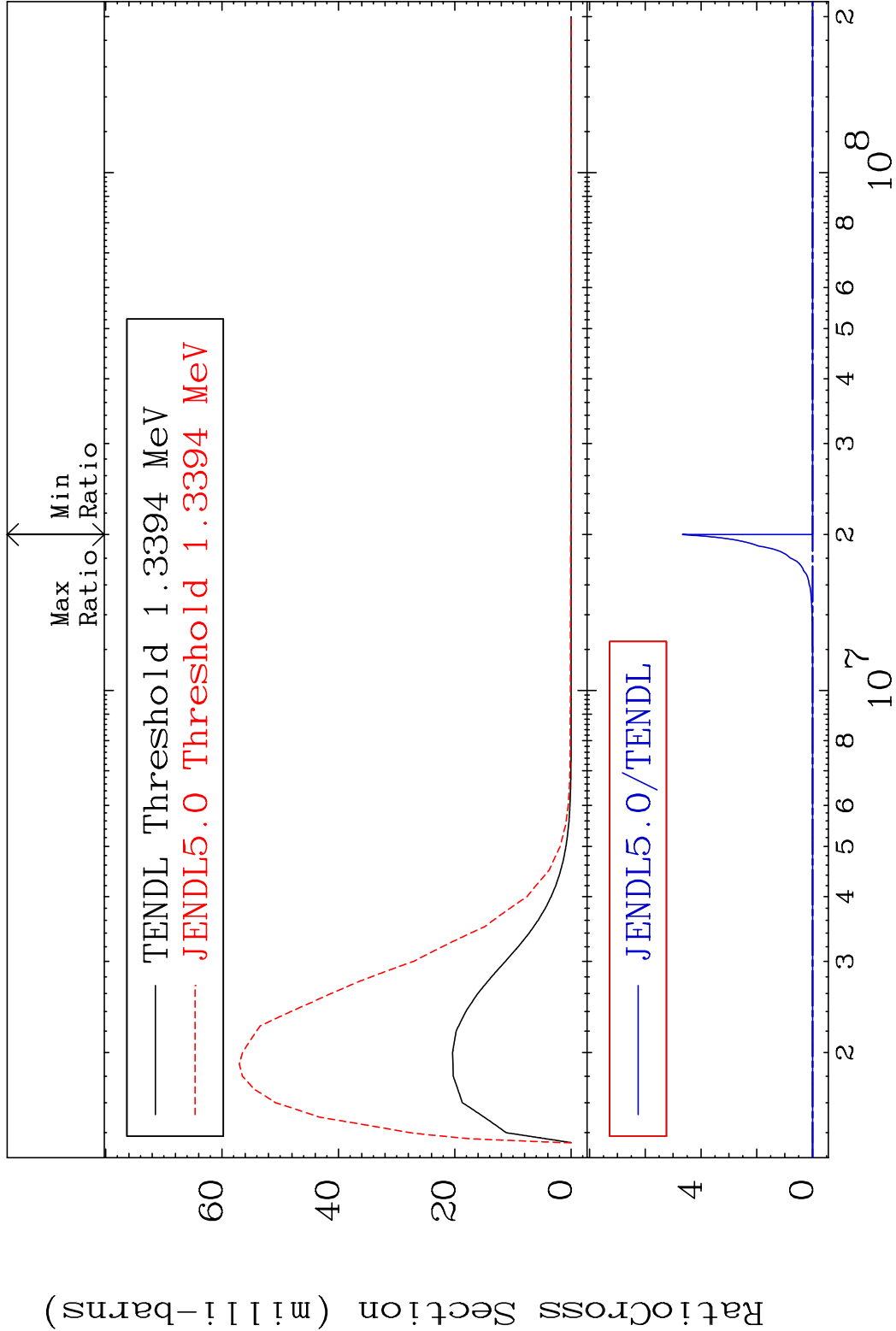
MAT 5634 MT= 74 (n,n') Level 56-Ba-133
Cross Section -100.0 To 248.9 %

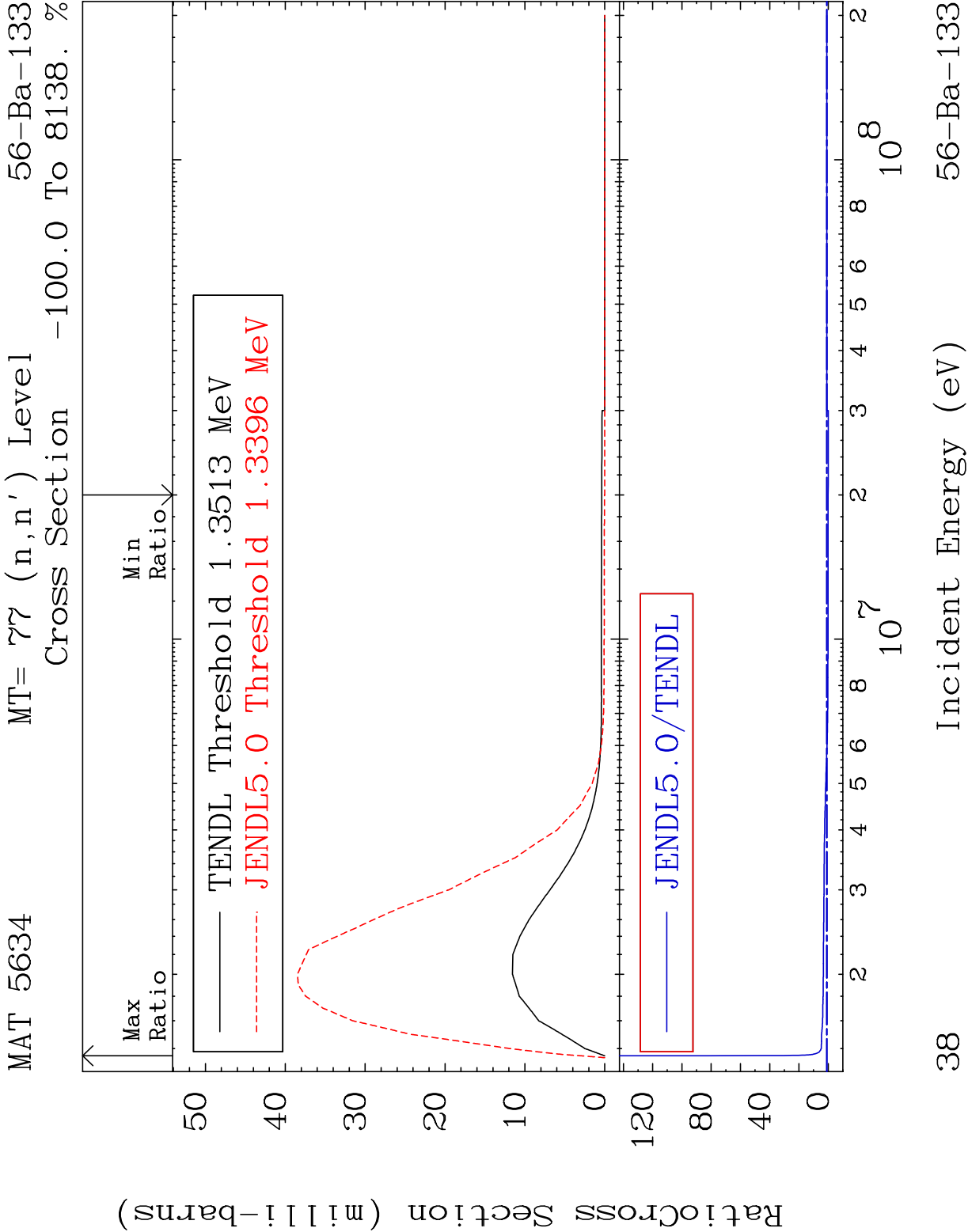




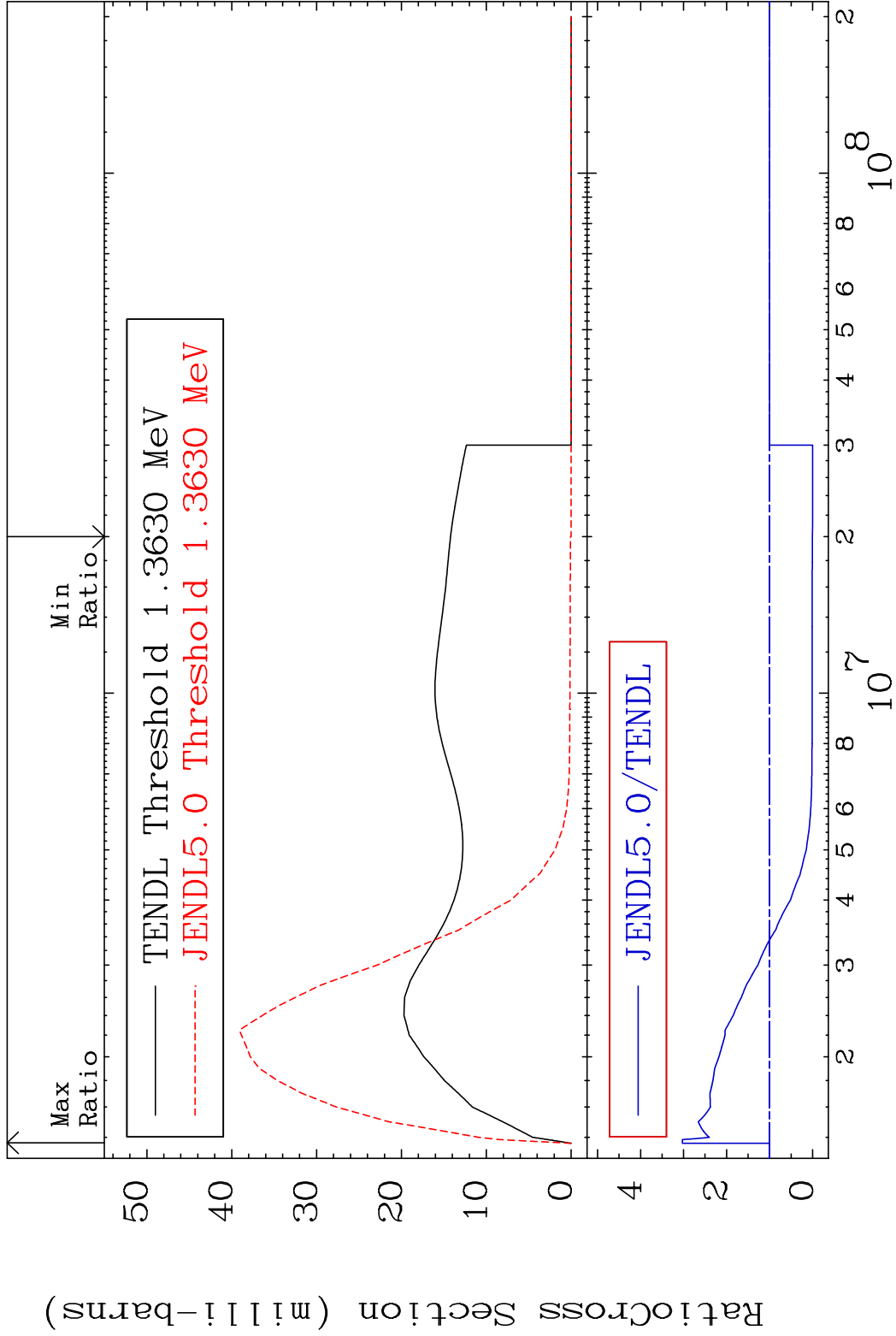
MAT 5634 MT= 76 (n,n') Level 56-Ba-133

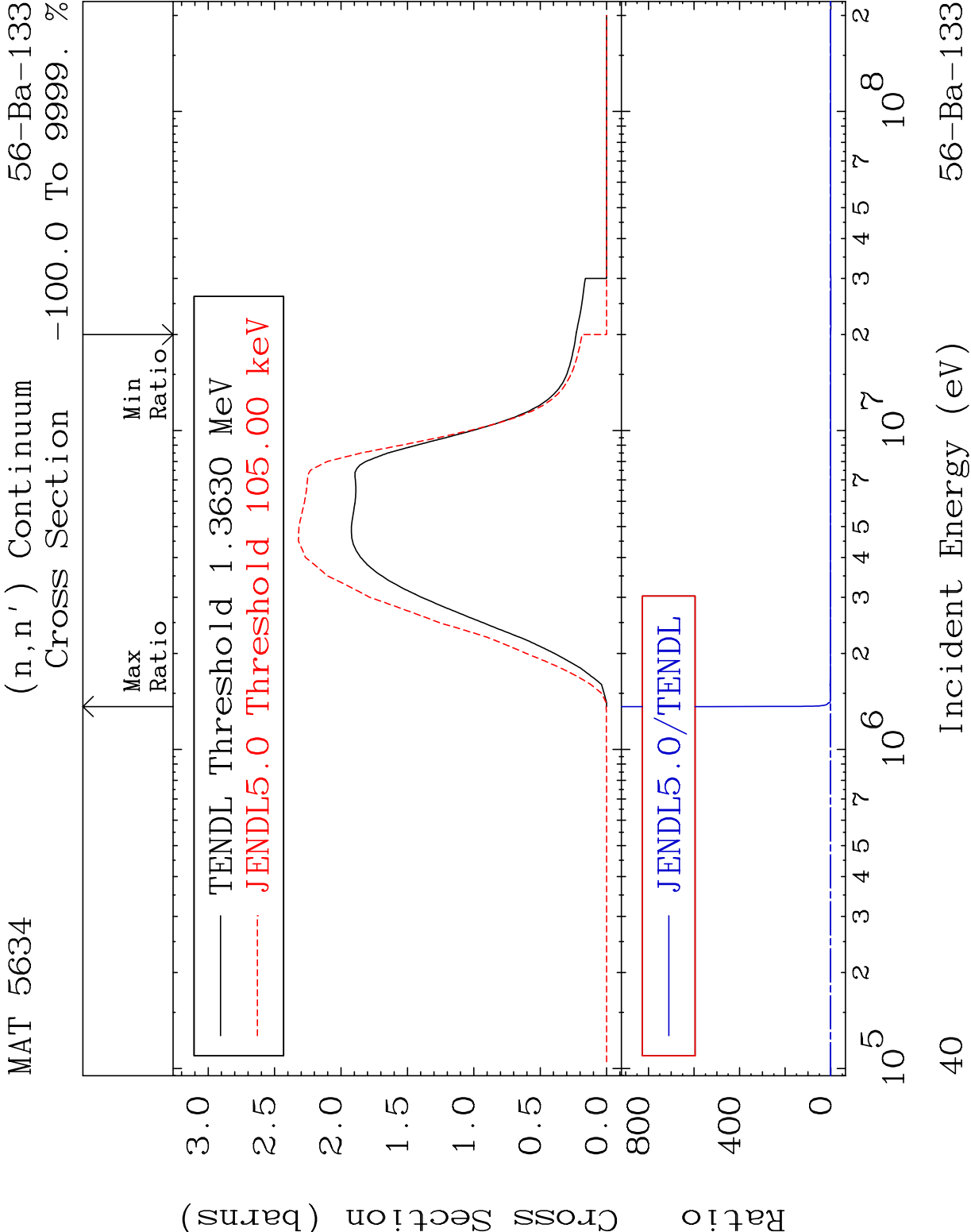
Cross Section -100.0 To 9999. %

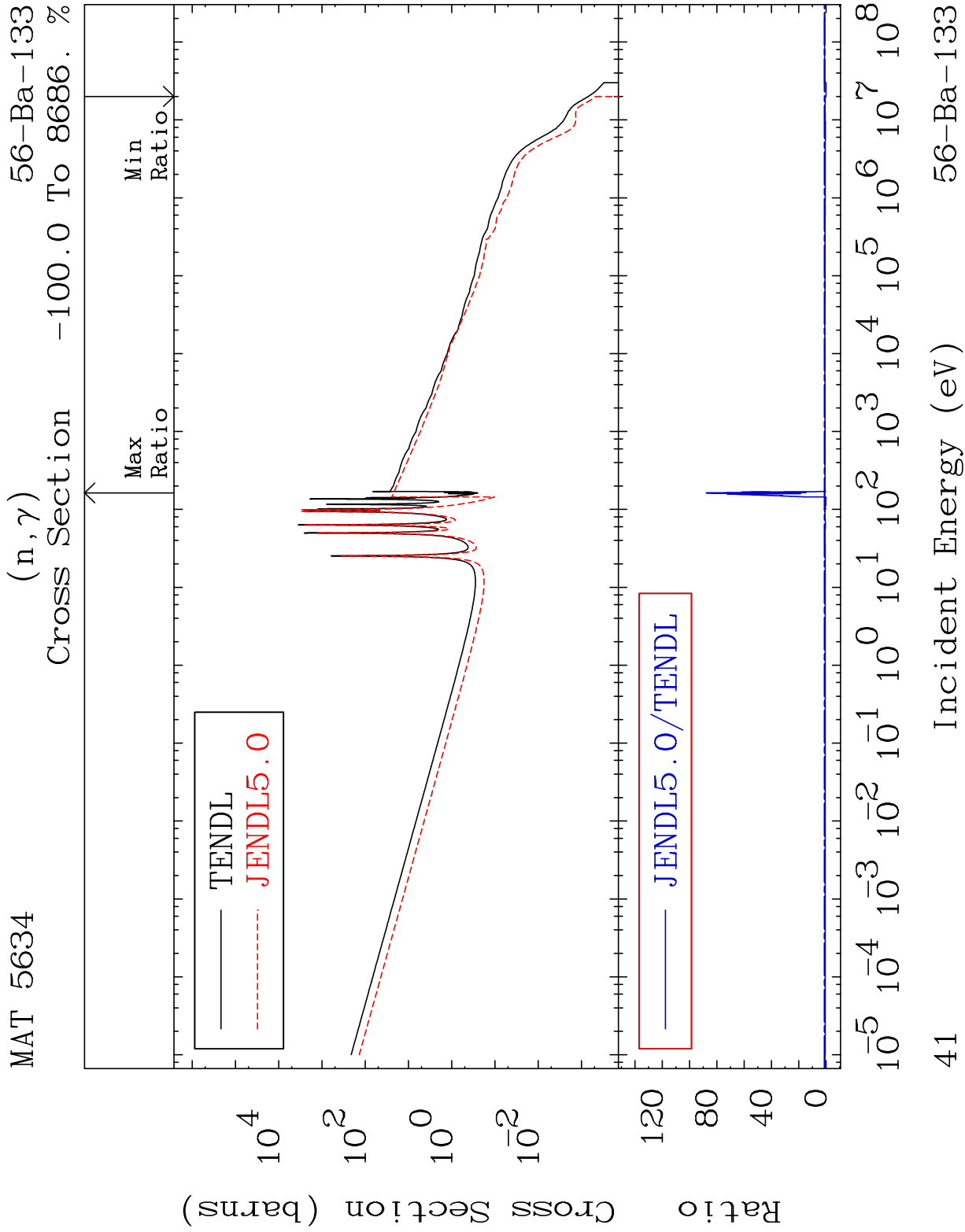


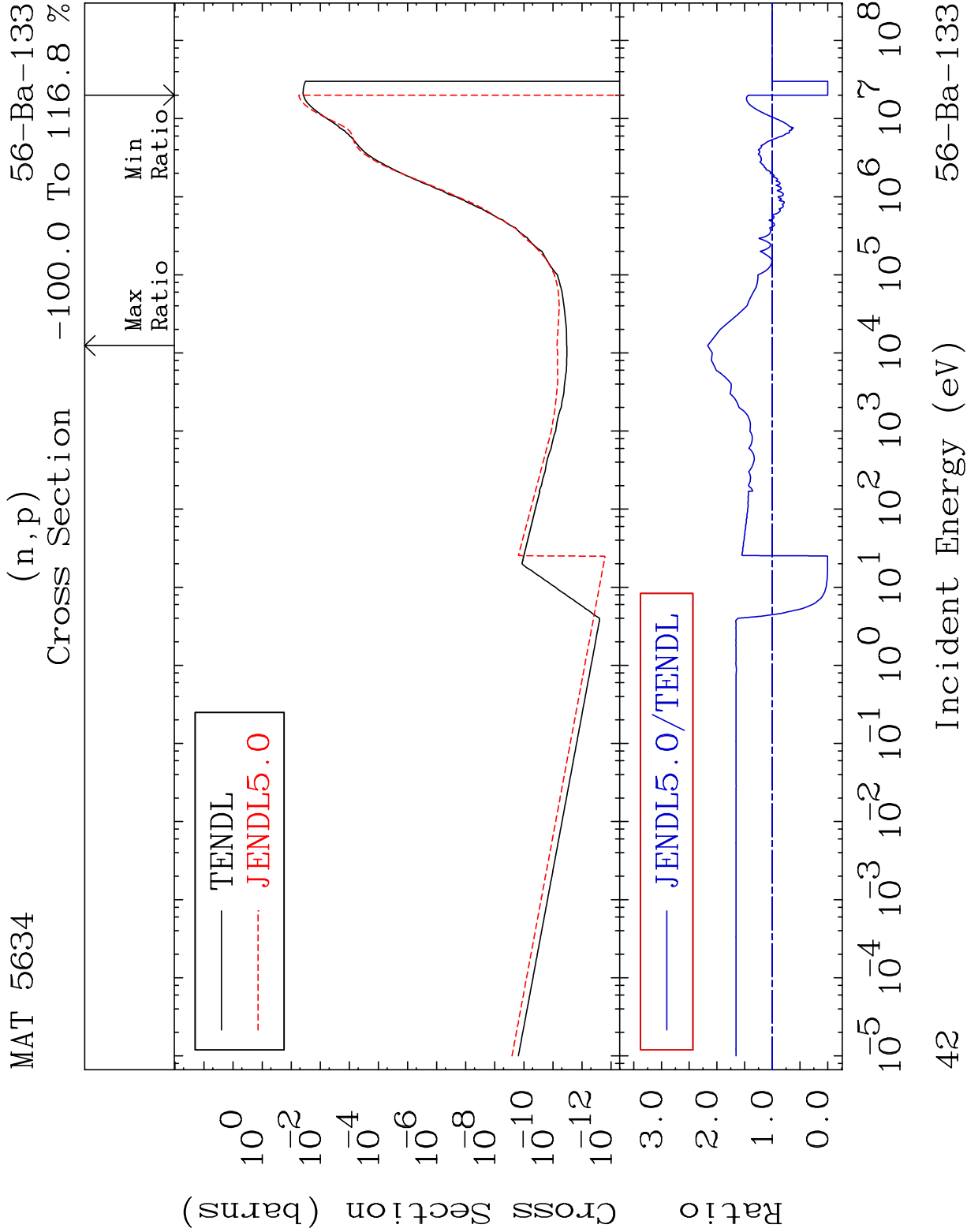


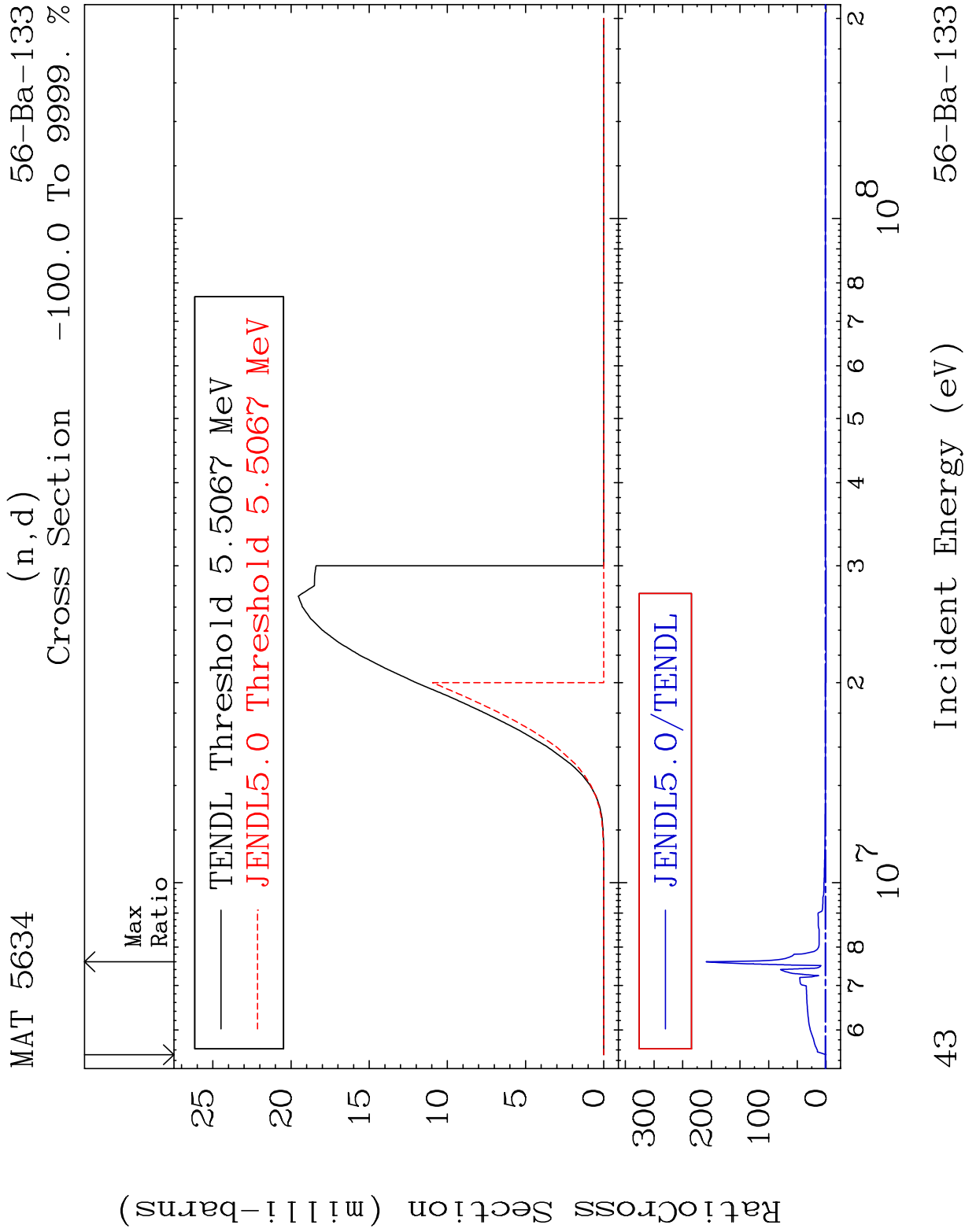
MAT 5634 MT= 78 (n,n') Level 56-Ba-133
Cross Section -100.0 To 202.8 %

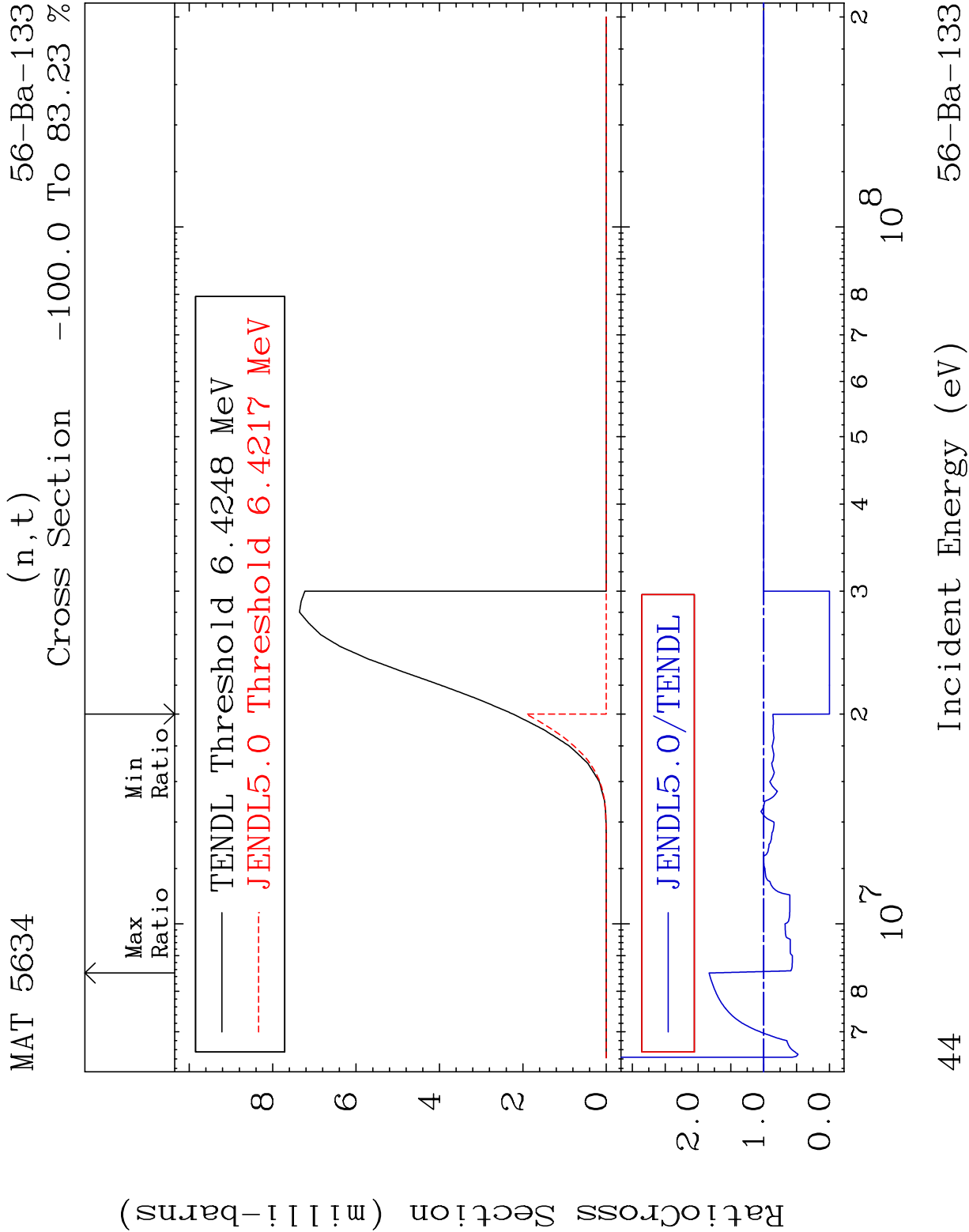


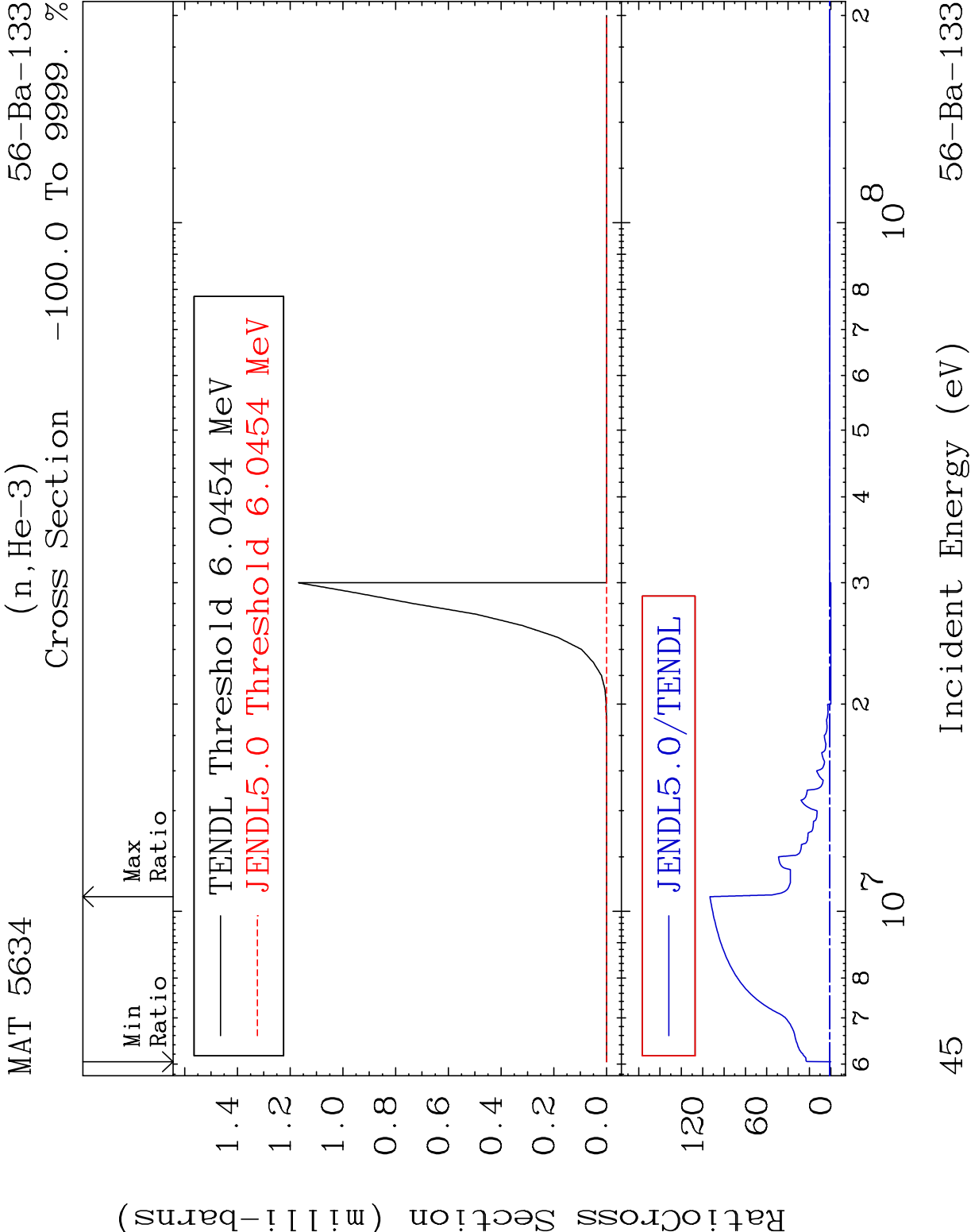


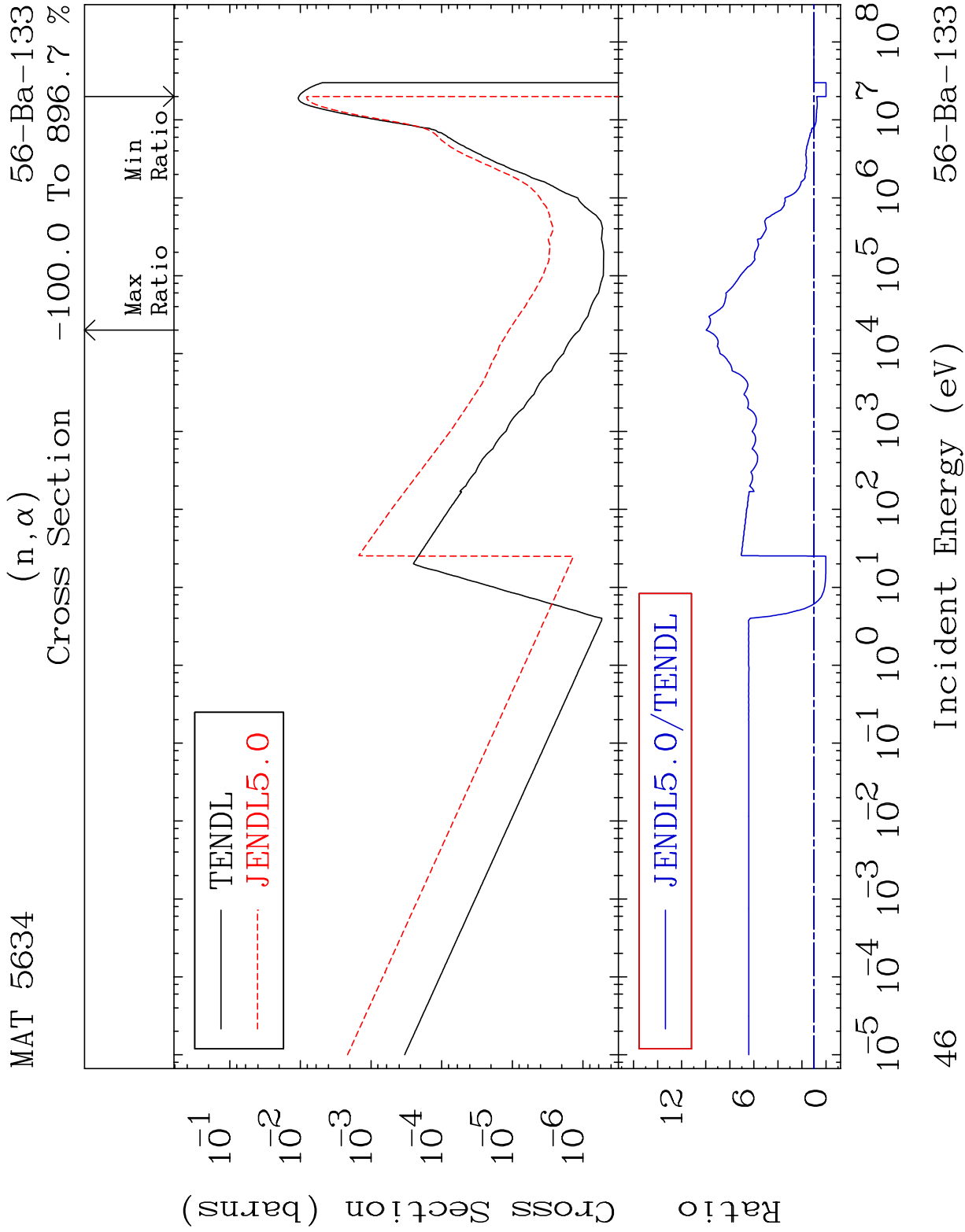


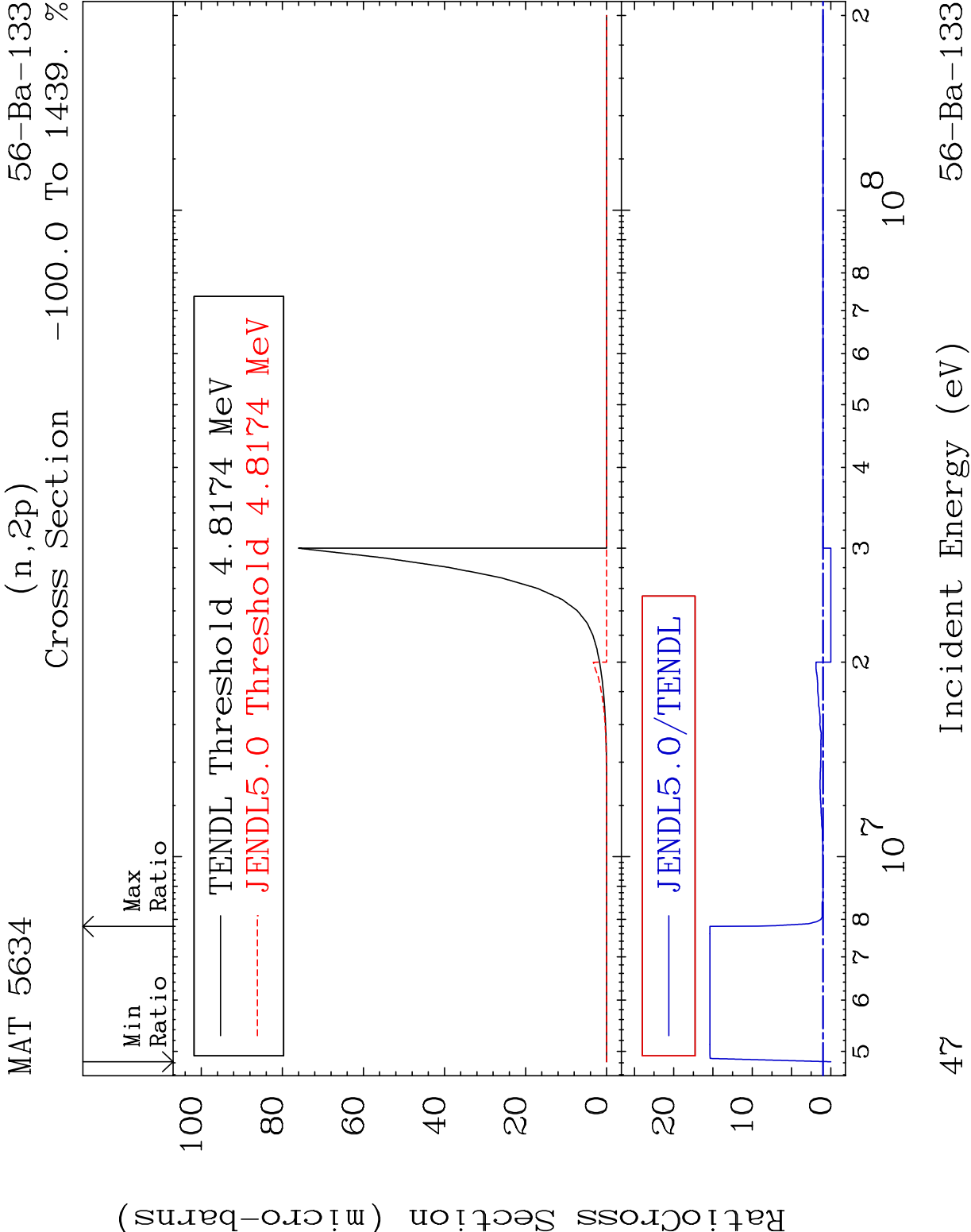


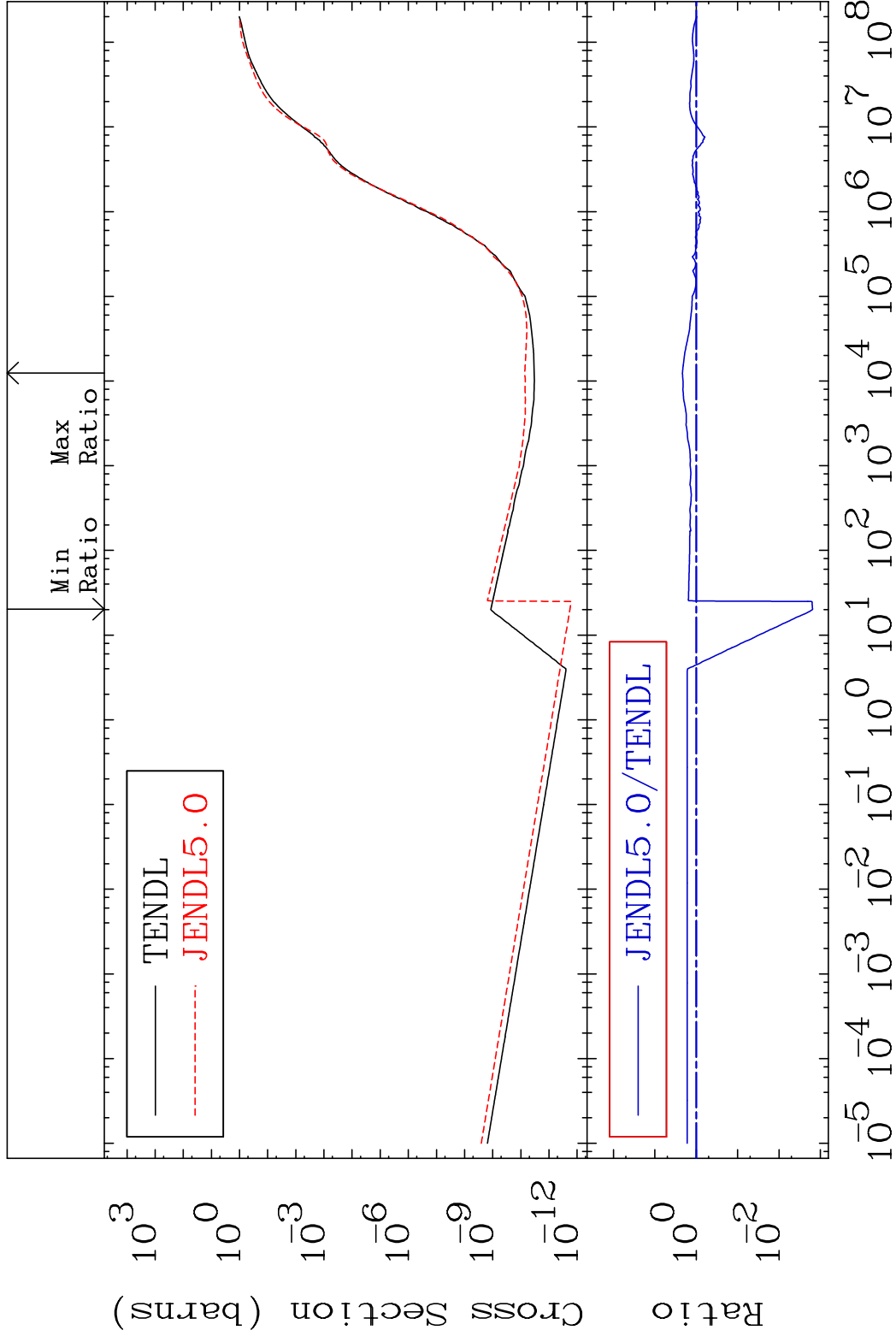


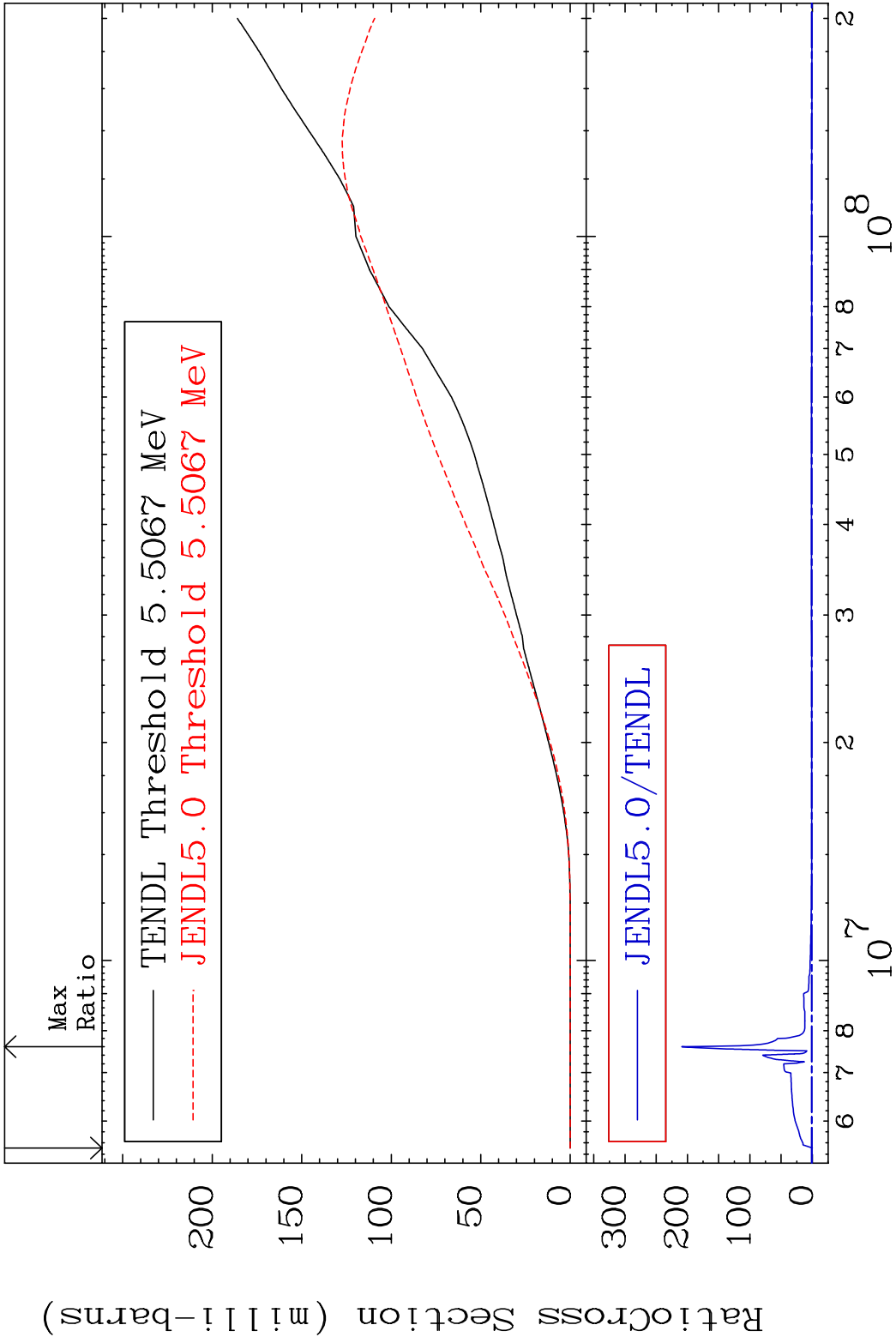




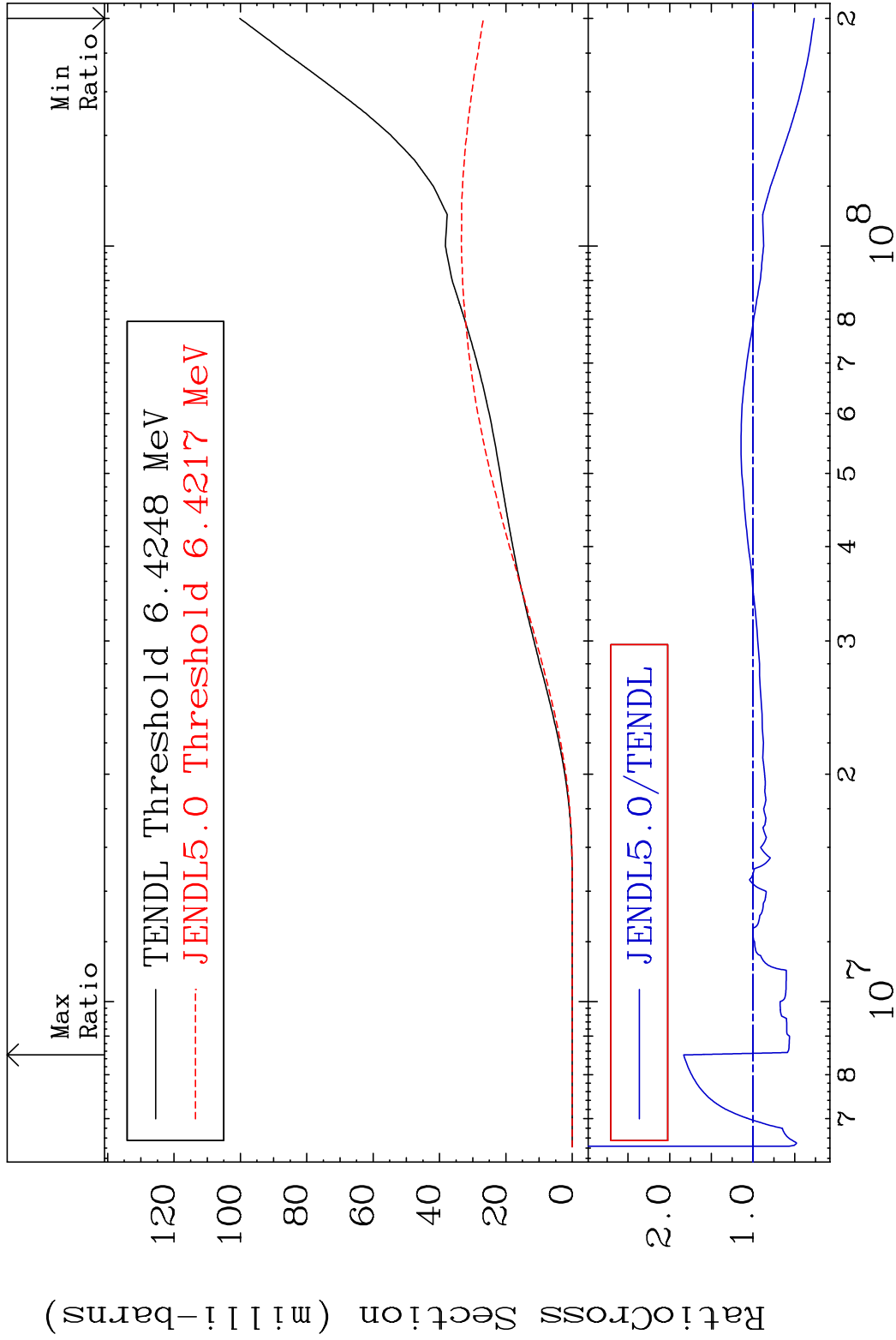


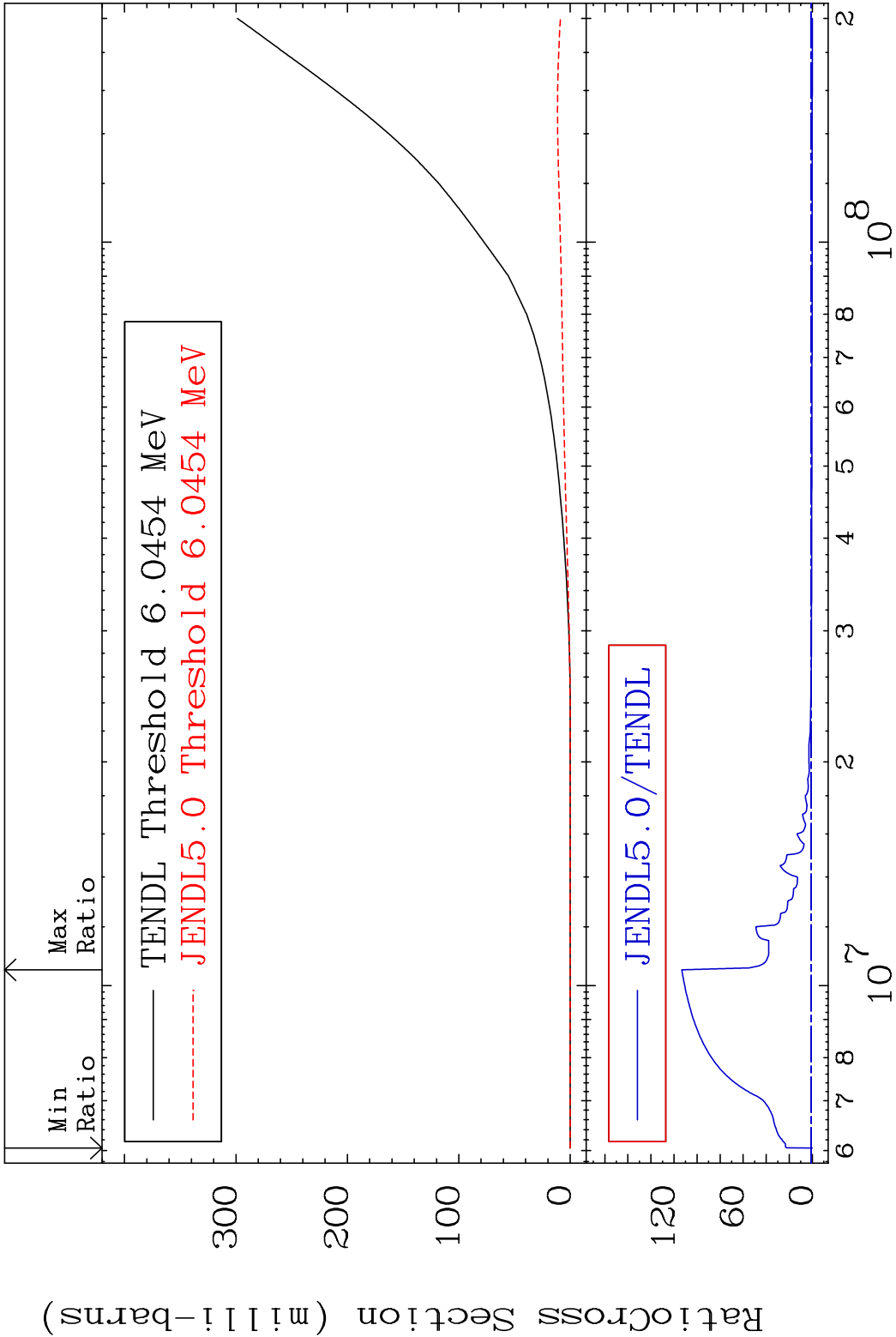


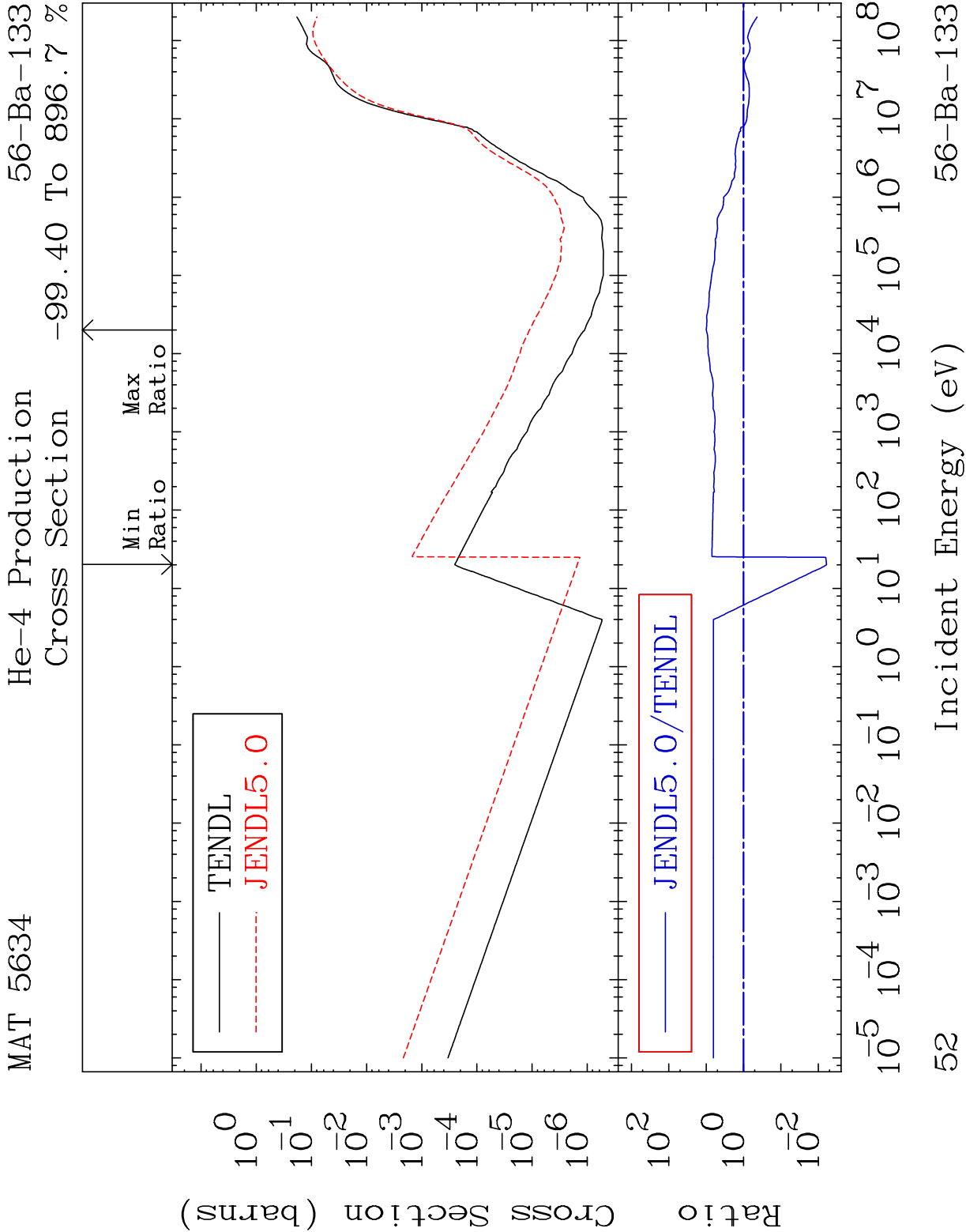




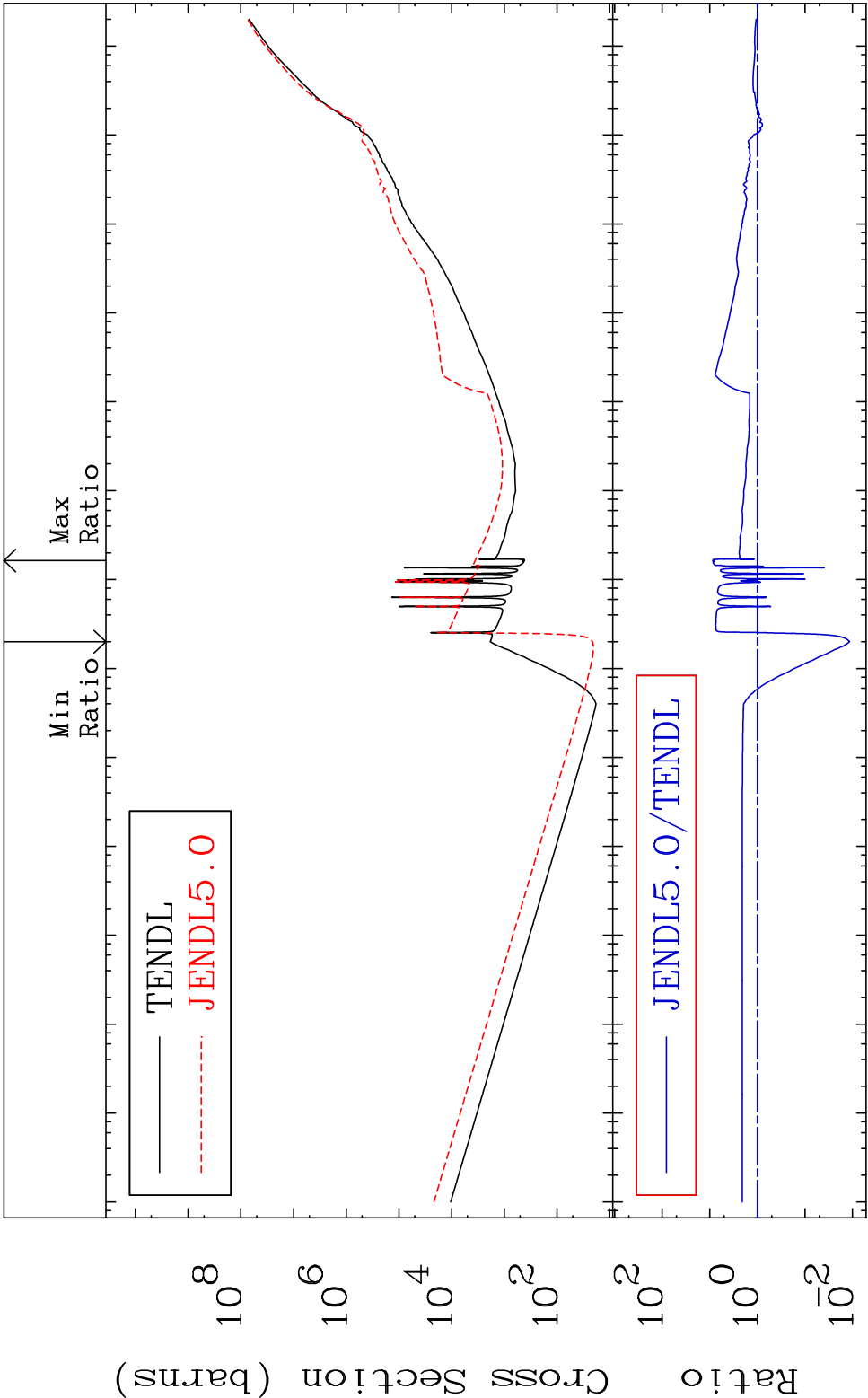
MAT 5634 Tritium Production 56-Ba-133
Cross Section -73.31 To 83.23 %







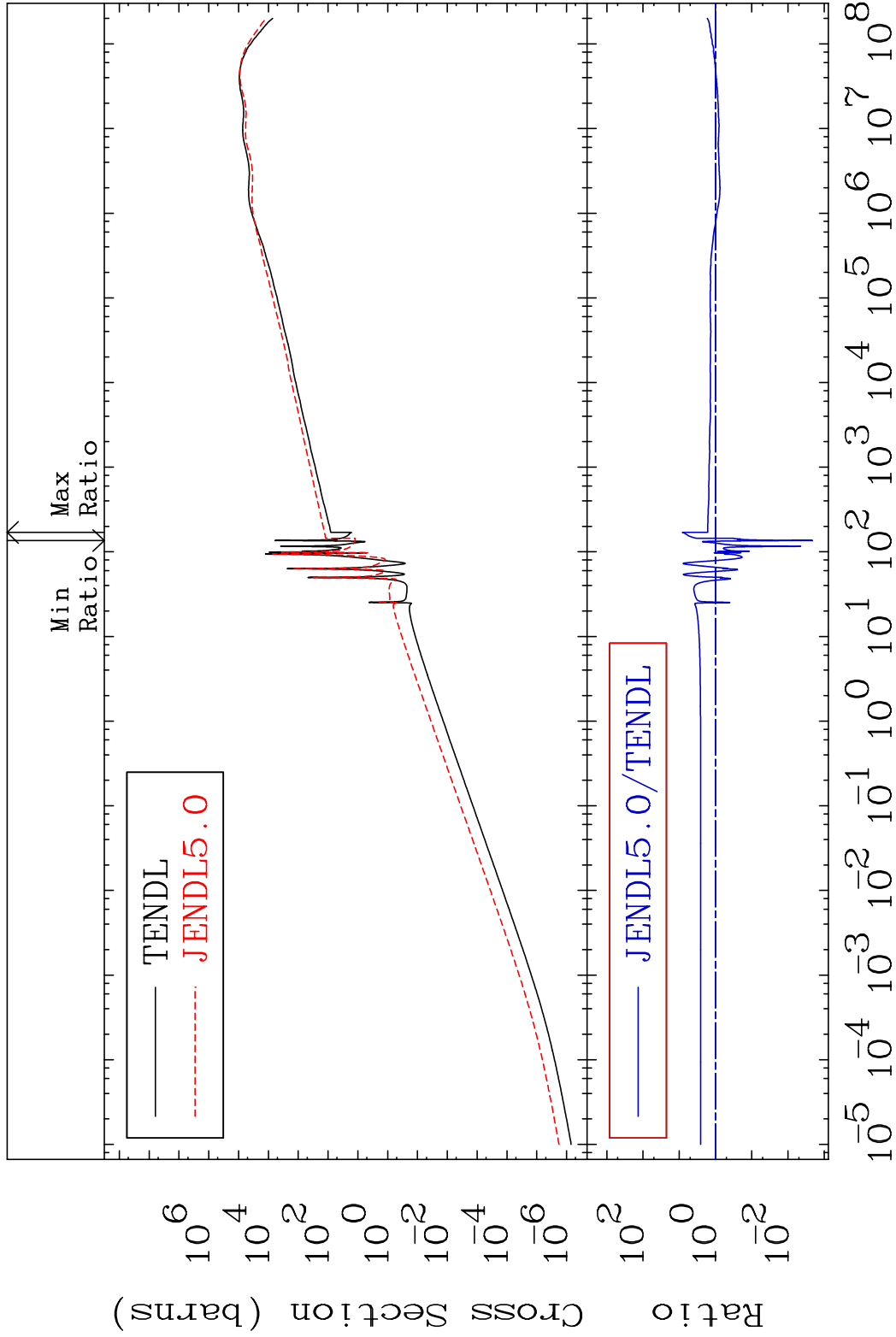
MAT 5634 Kerma total (eV-barns) 56-Ba-133
Cross Section -98.84 To 762.9 %



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

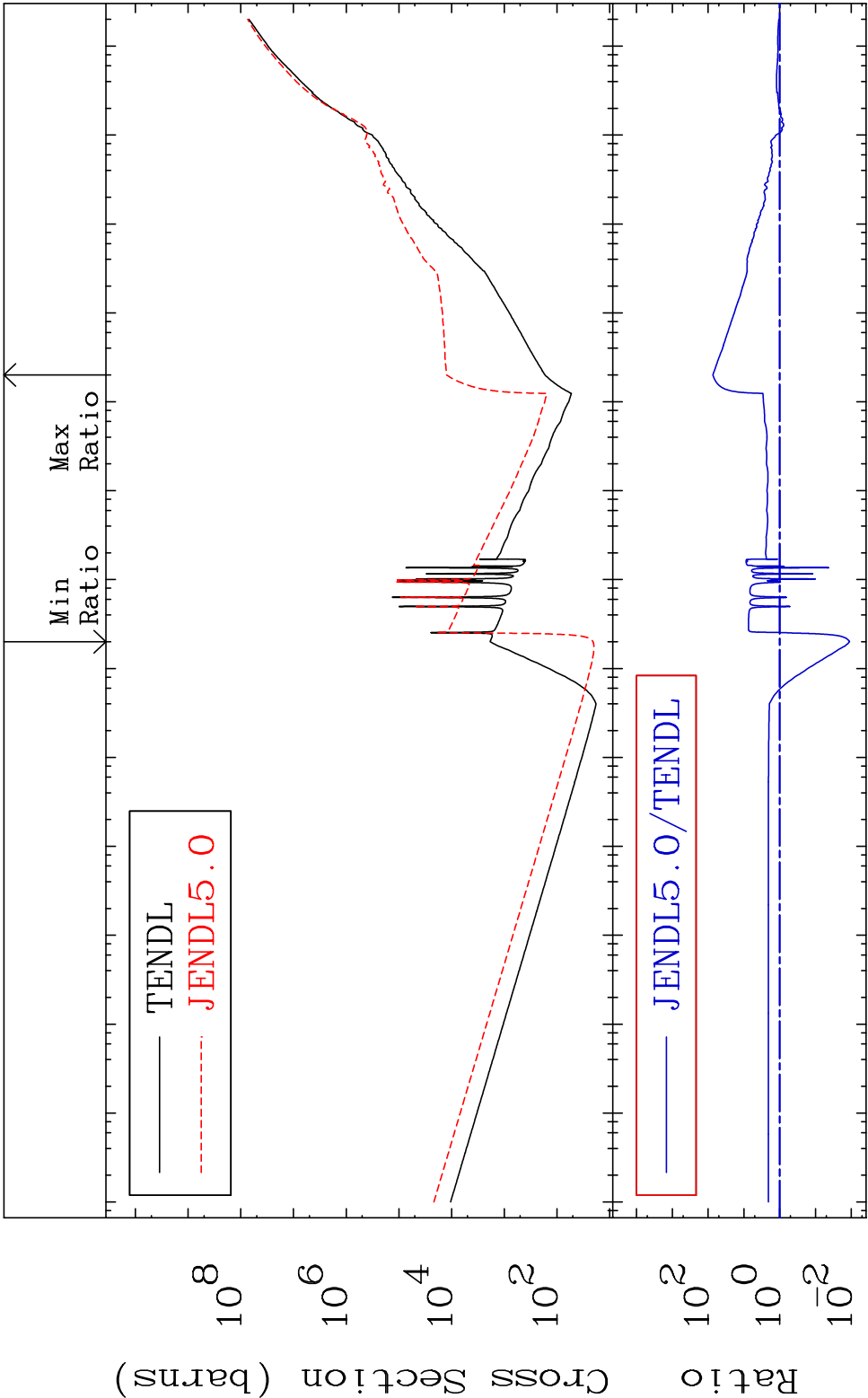
53 Incident Energy (eV) 56-Ba-133

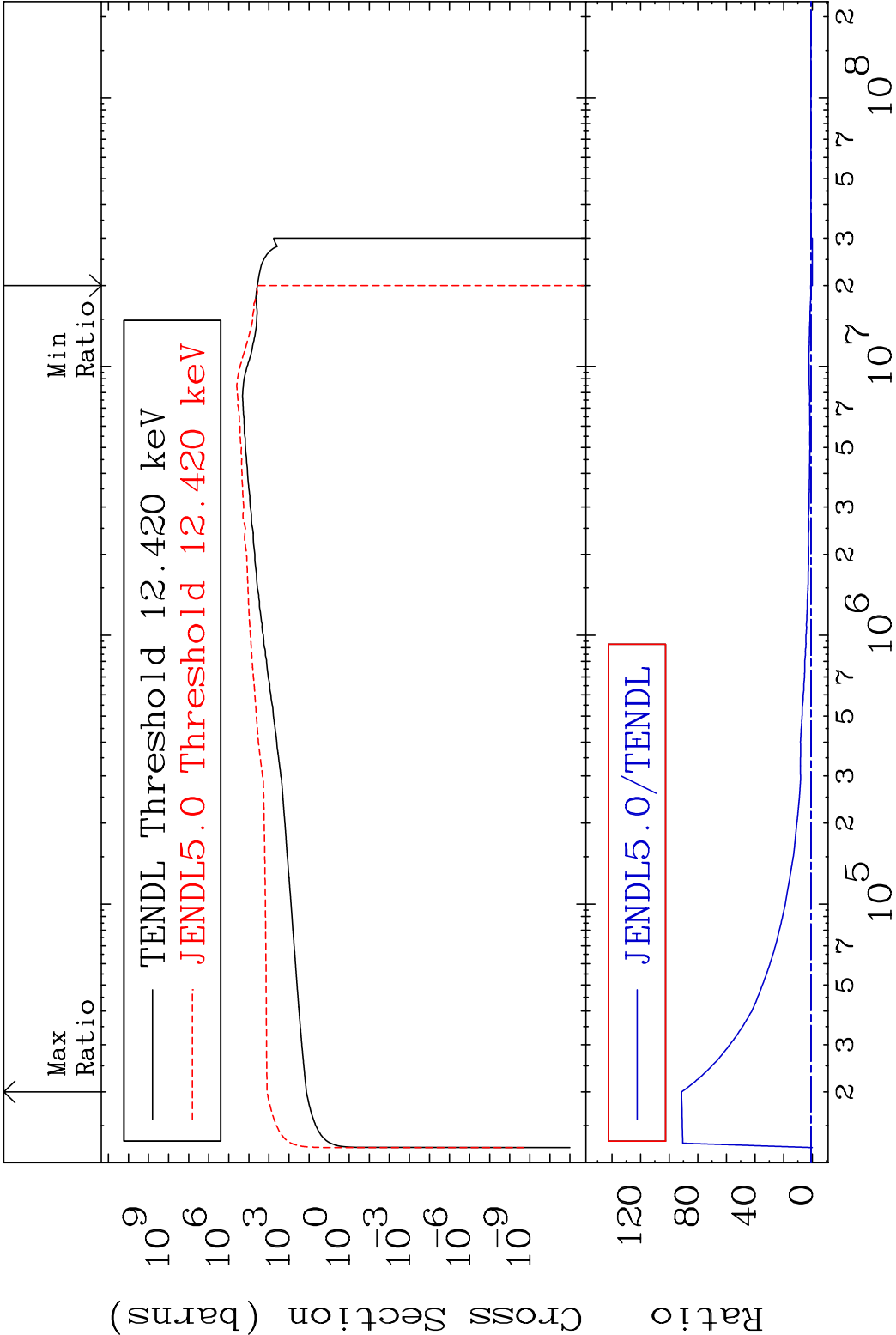
MAT 5634 Kerma elastic 56-Ba-133
Cross Section -99.79 To 720.5 %



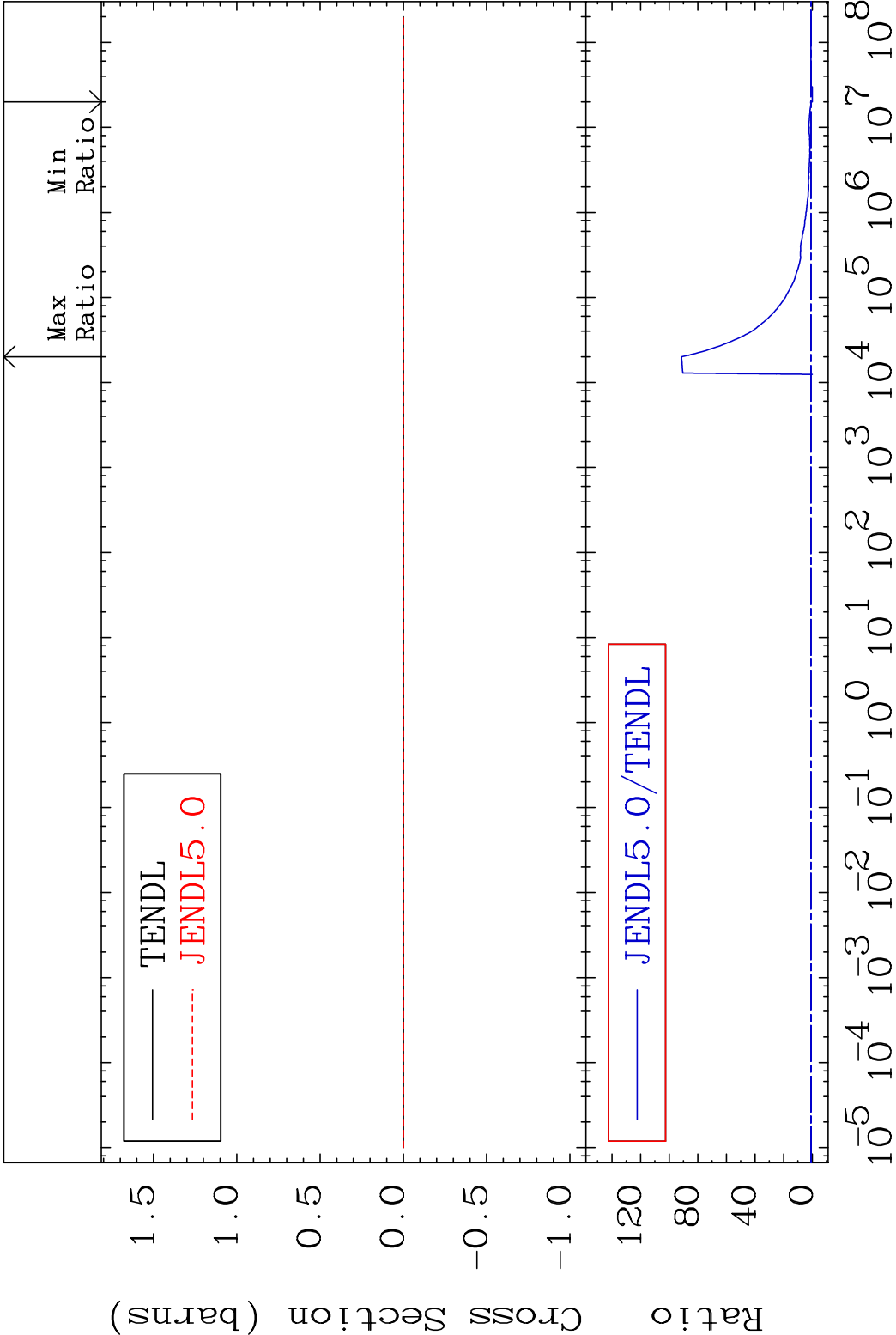
54 Incident Energy (eV) 56-Ba-133

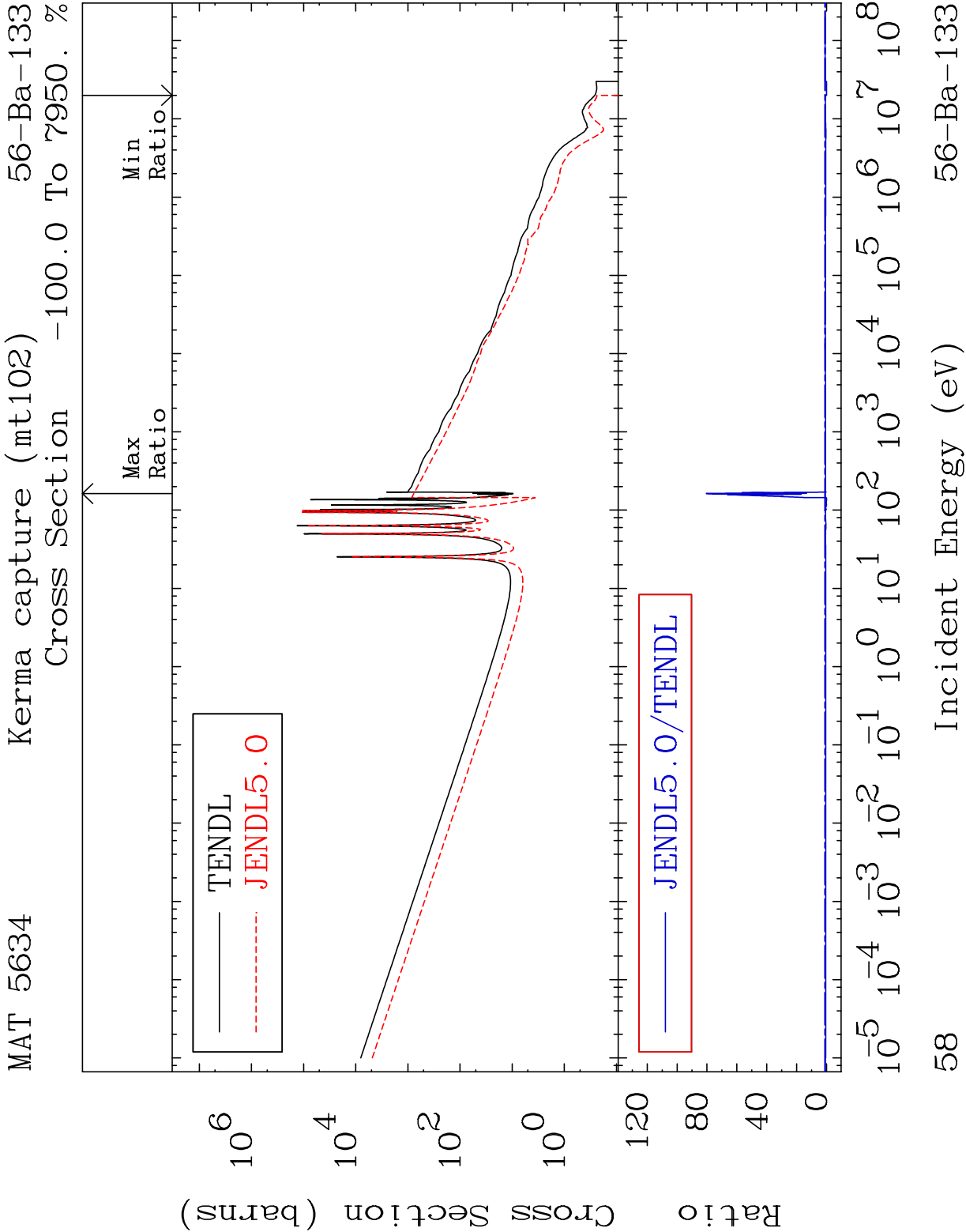
MAT 5634 Kerma non-elastic (all but mt2) 56-Ba-133
 Cross Section -98.87 To 7288. %



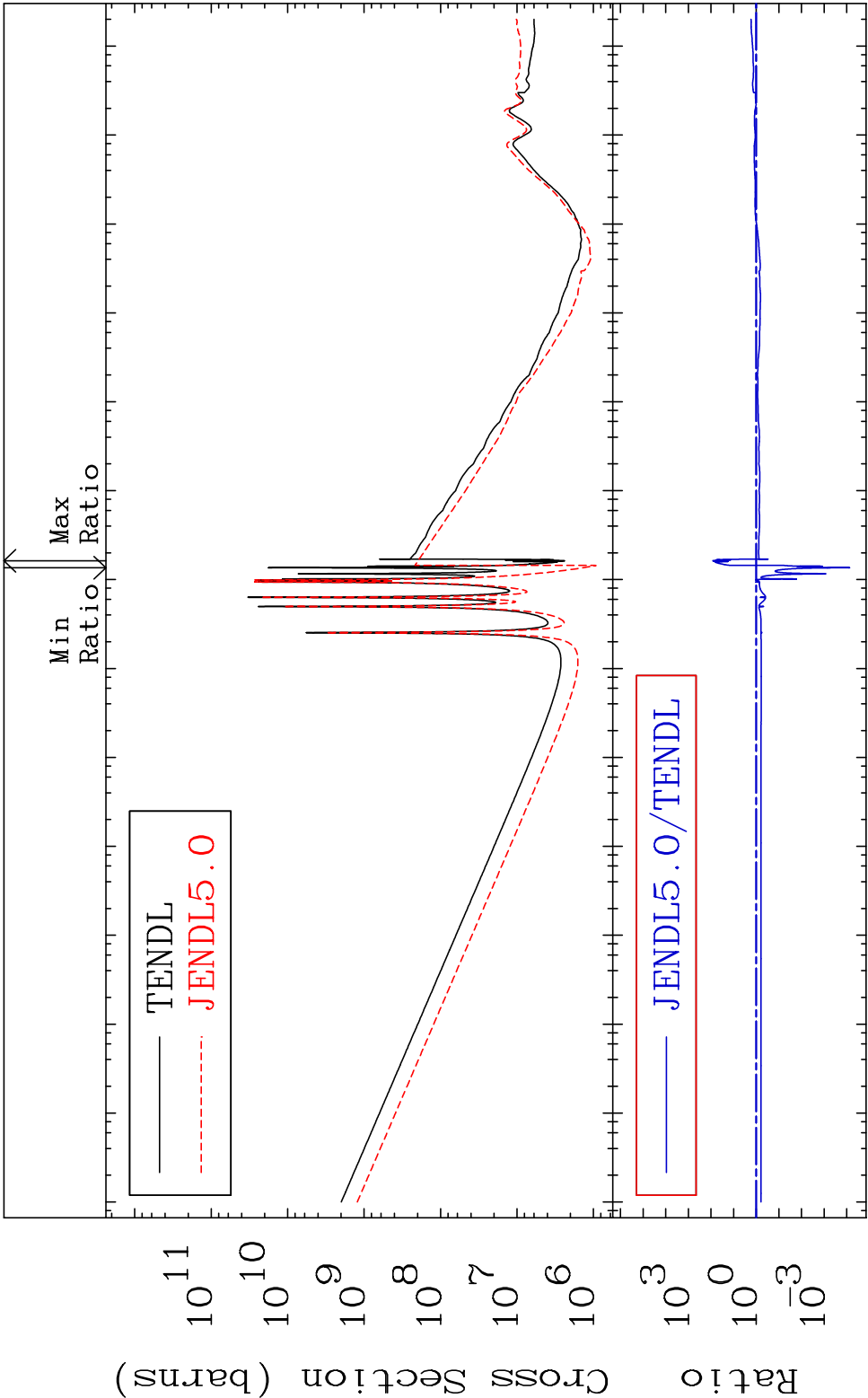


MAT 5634 Kerma fission (mt18 or mt19-20-21-38)56-Ba-133
Cross Section -100.0 To 9034. %



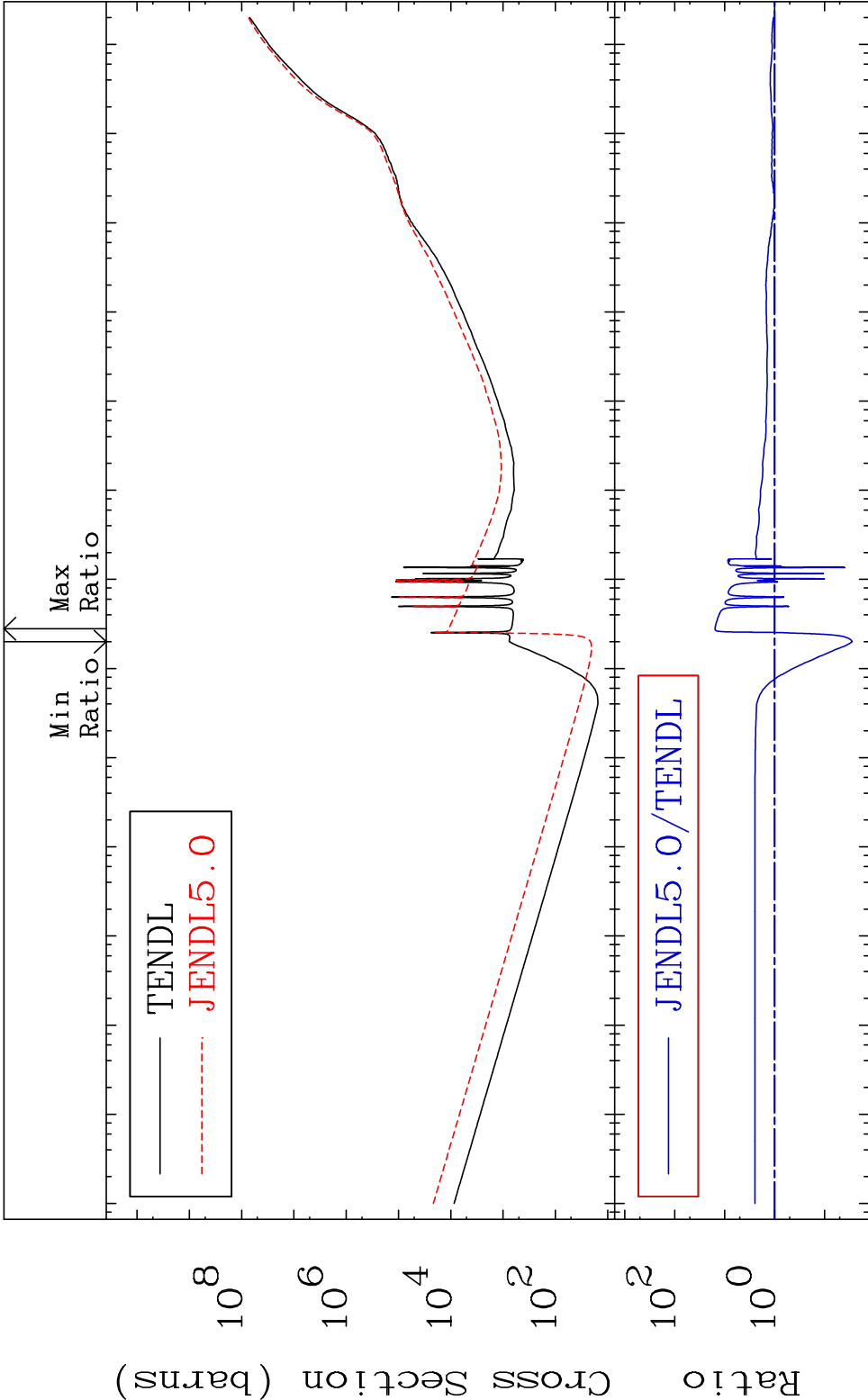


MAT 5634 Total photon (eV-barns) 56-Ba-133
Cross Section -99.99 To 8214. %



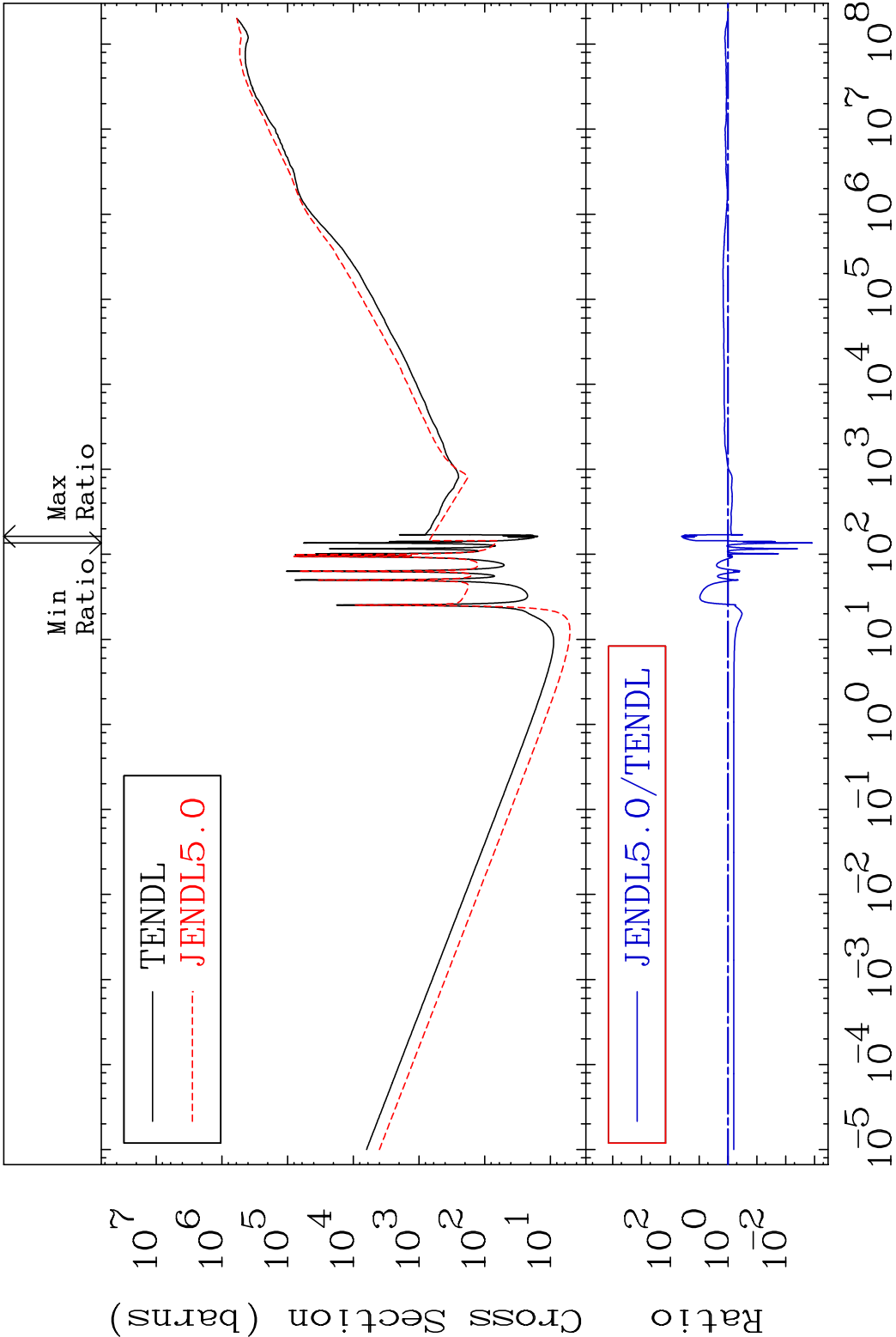
59 Incident Energy (eV) 56-Ba-133

MAT 5634 Total kinematic kerma (high limit) 56-Ba-133
Cross Section -97.19 To 1462. %

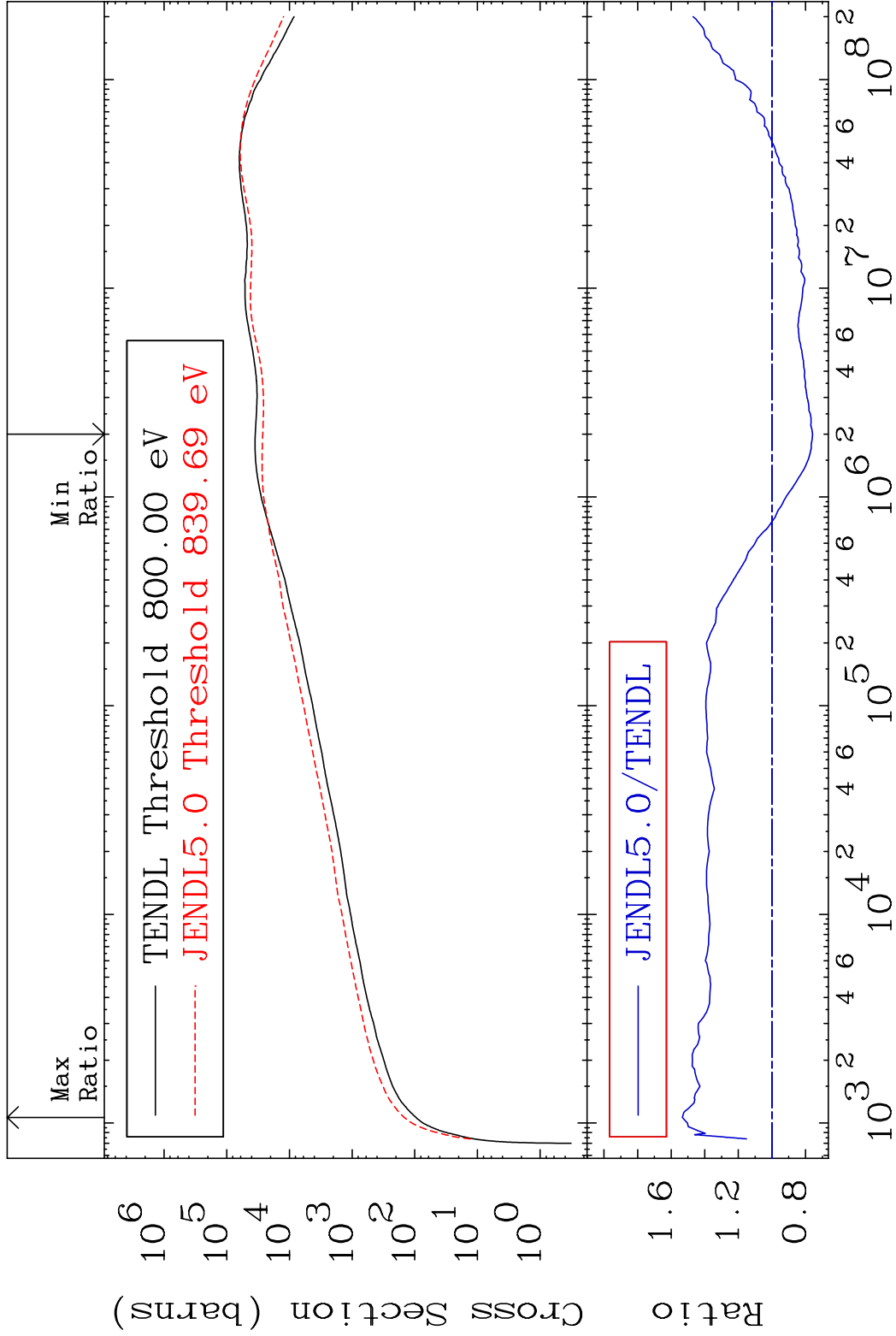


60 Incident Energy (eV) 56-Ba-133

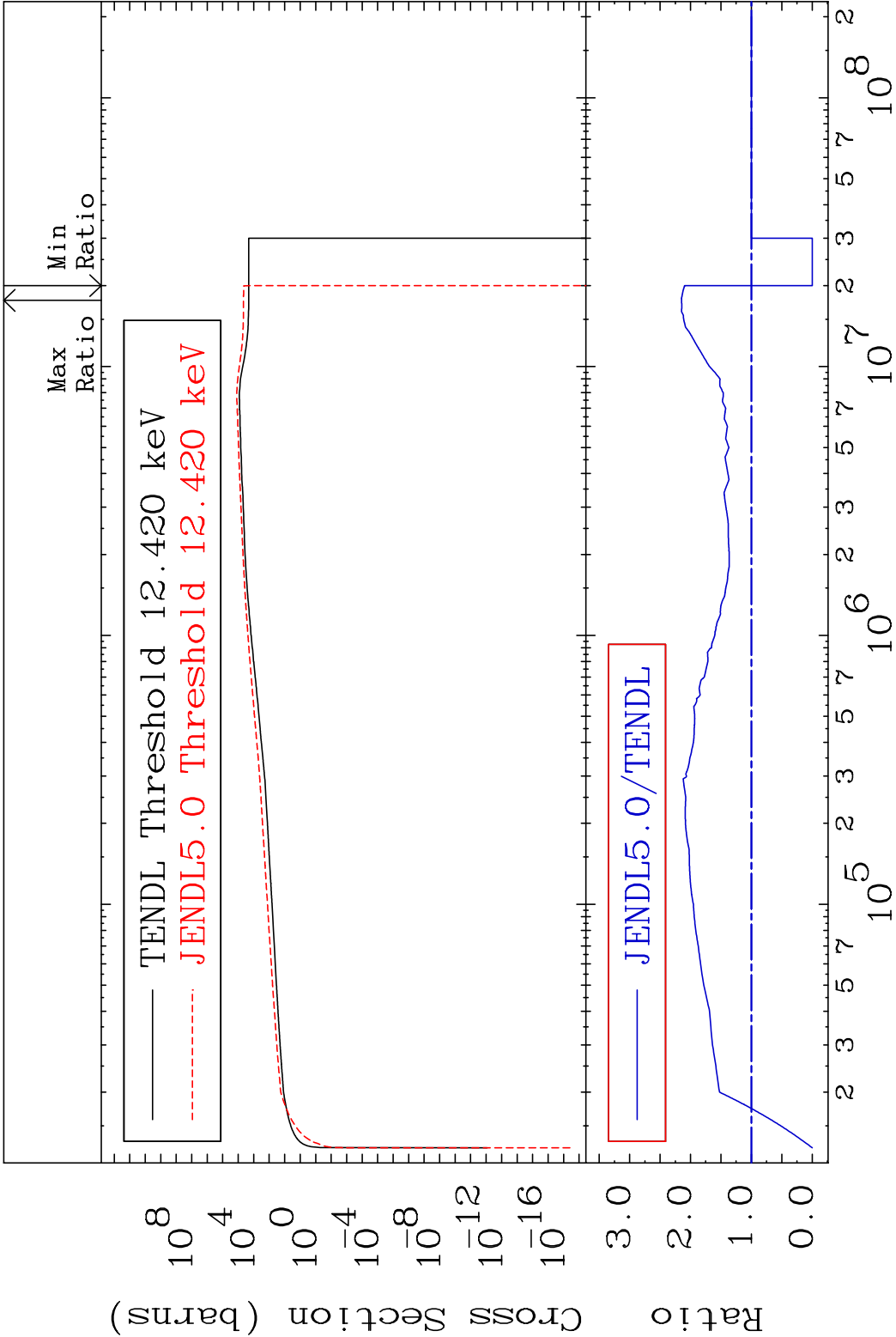
MAT 5634 Dpa total (eV-barns) 56-Ba-133
Cross Section -99.88 To 3988. %



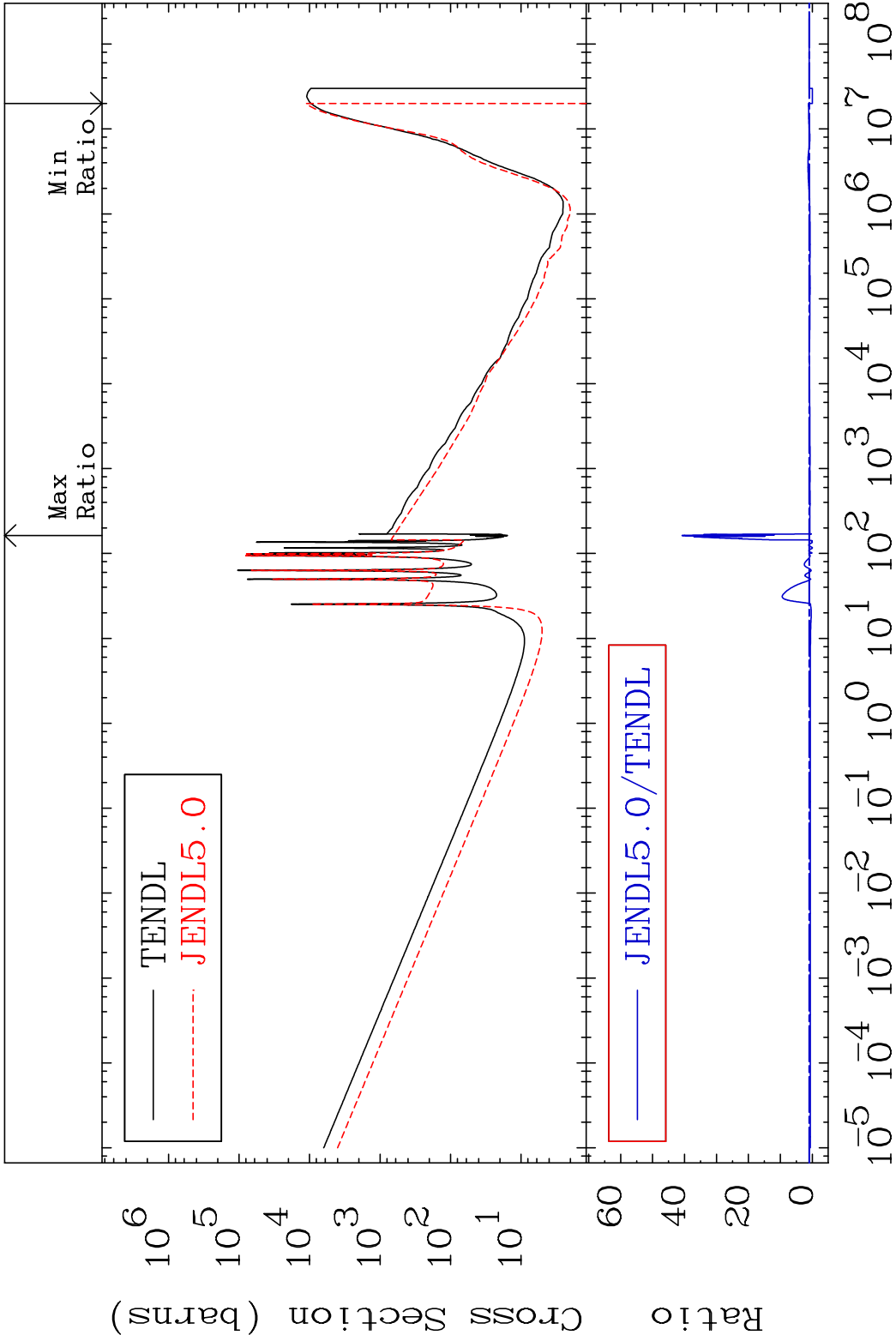
MAT 5634 Dpa elastic (mt2) 56-Ba-133
Cross Section -24.19 To 53.34 %



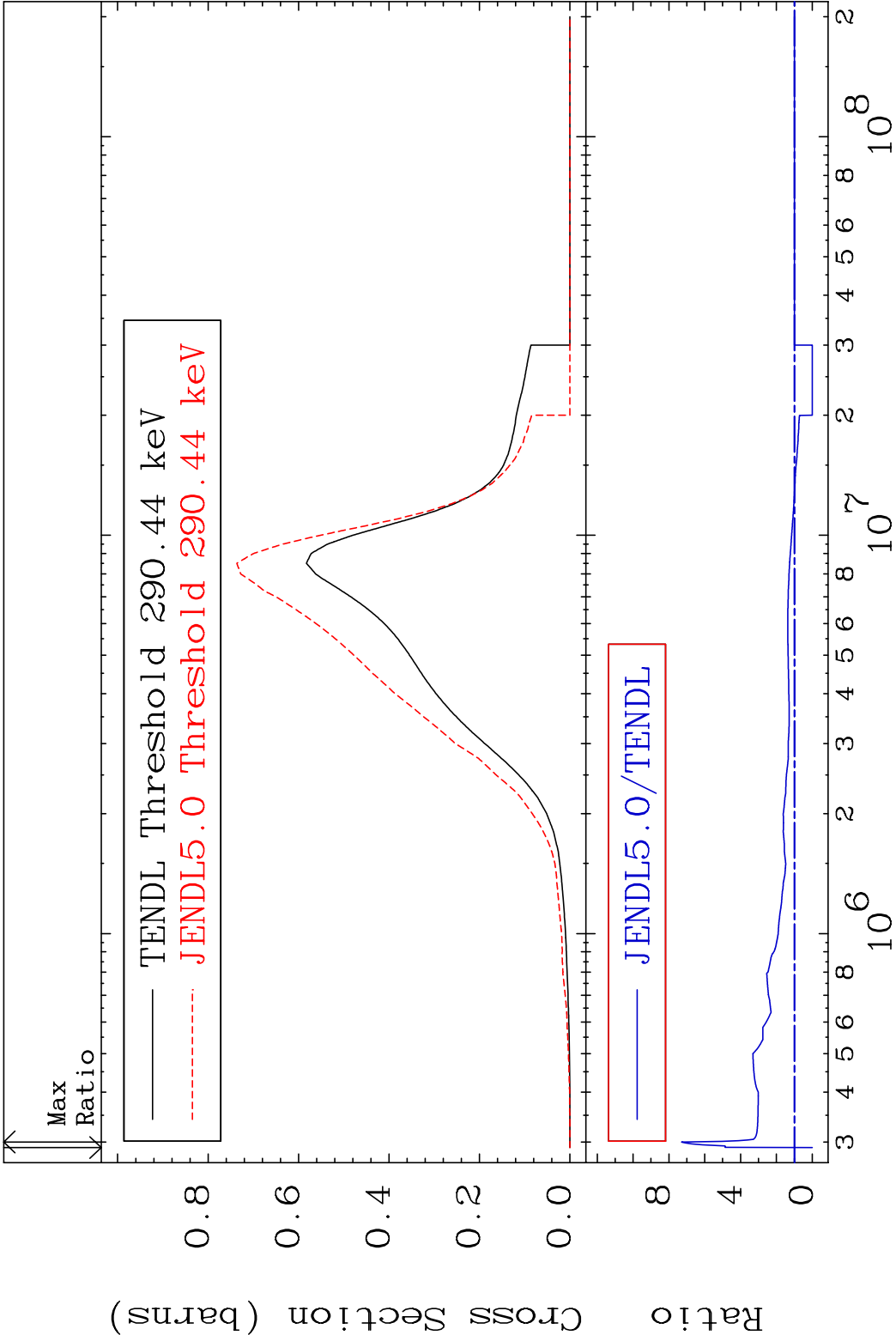
62 Incident Energy (eV) 56-Ba-133

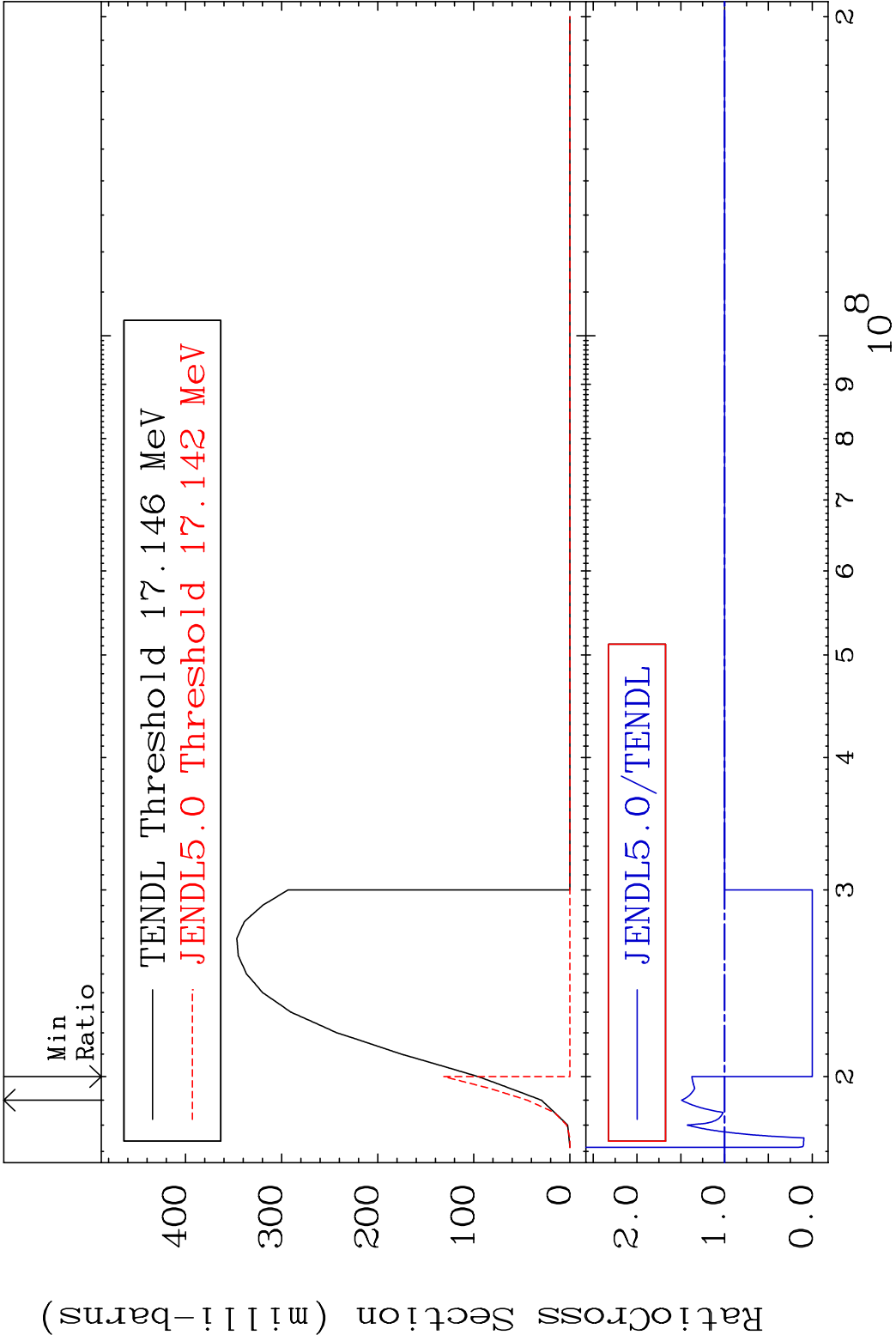


MAT 5634 Dpa disappearance (mt102 -120) 56-Ba-133
Cross Section -100.0 To 3988. %

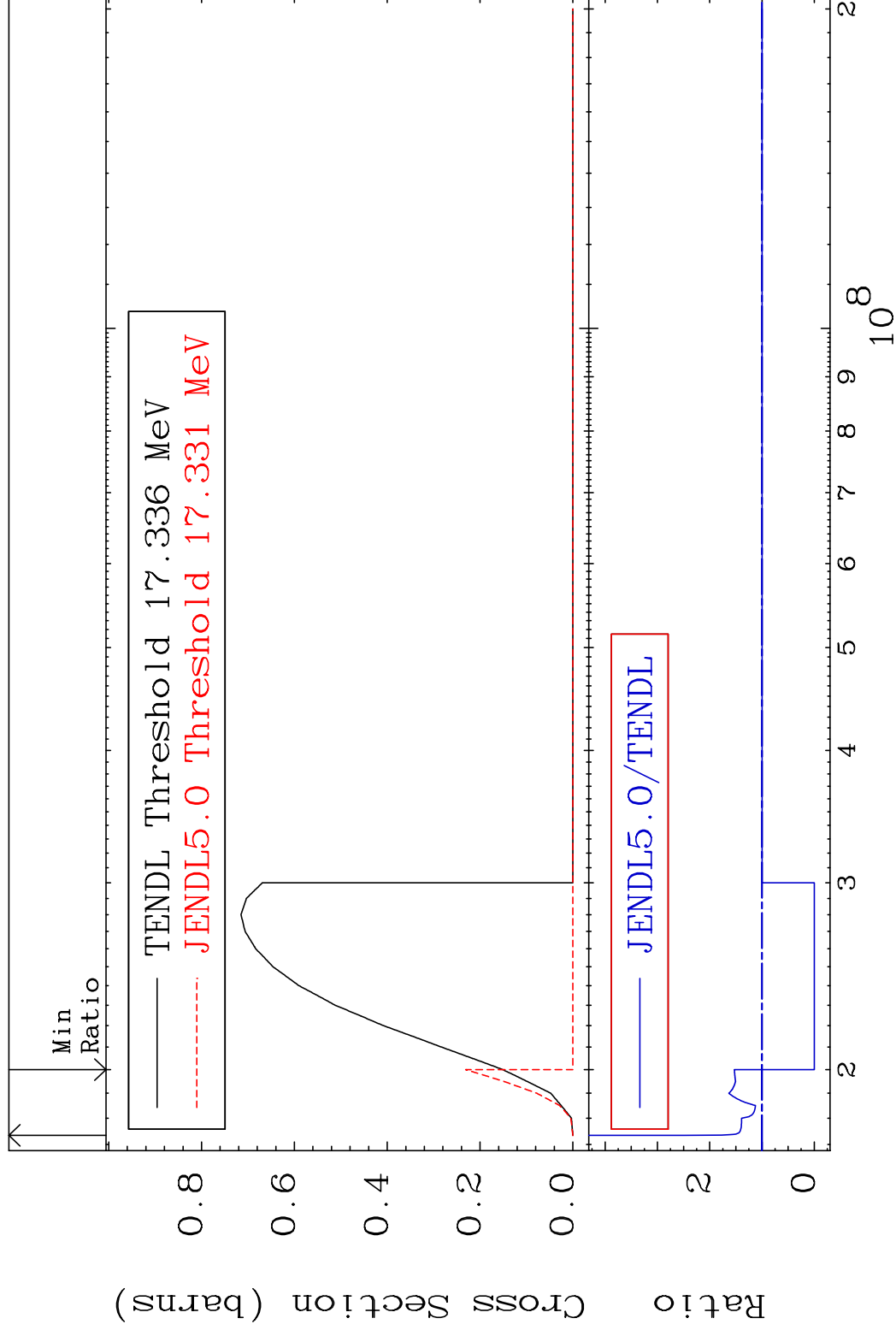


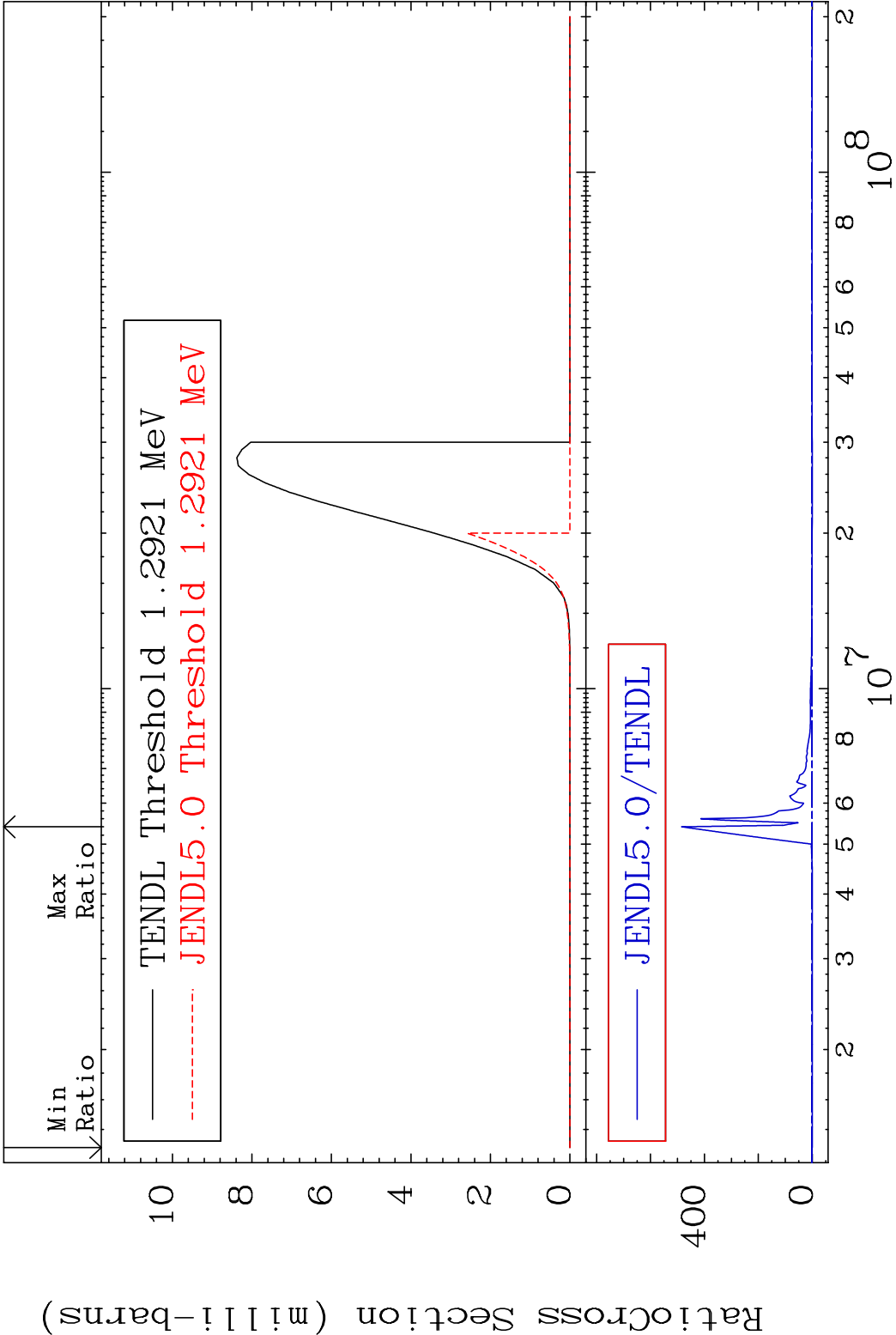
64 Incident Energy (eV) 56-Ba-133



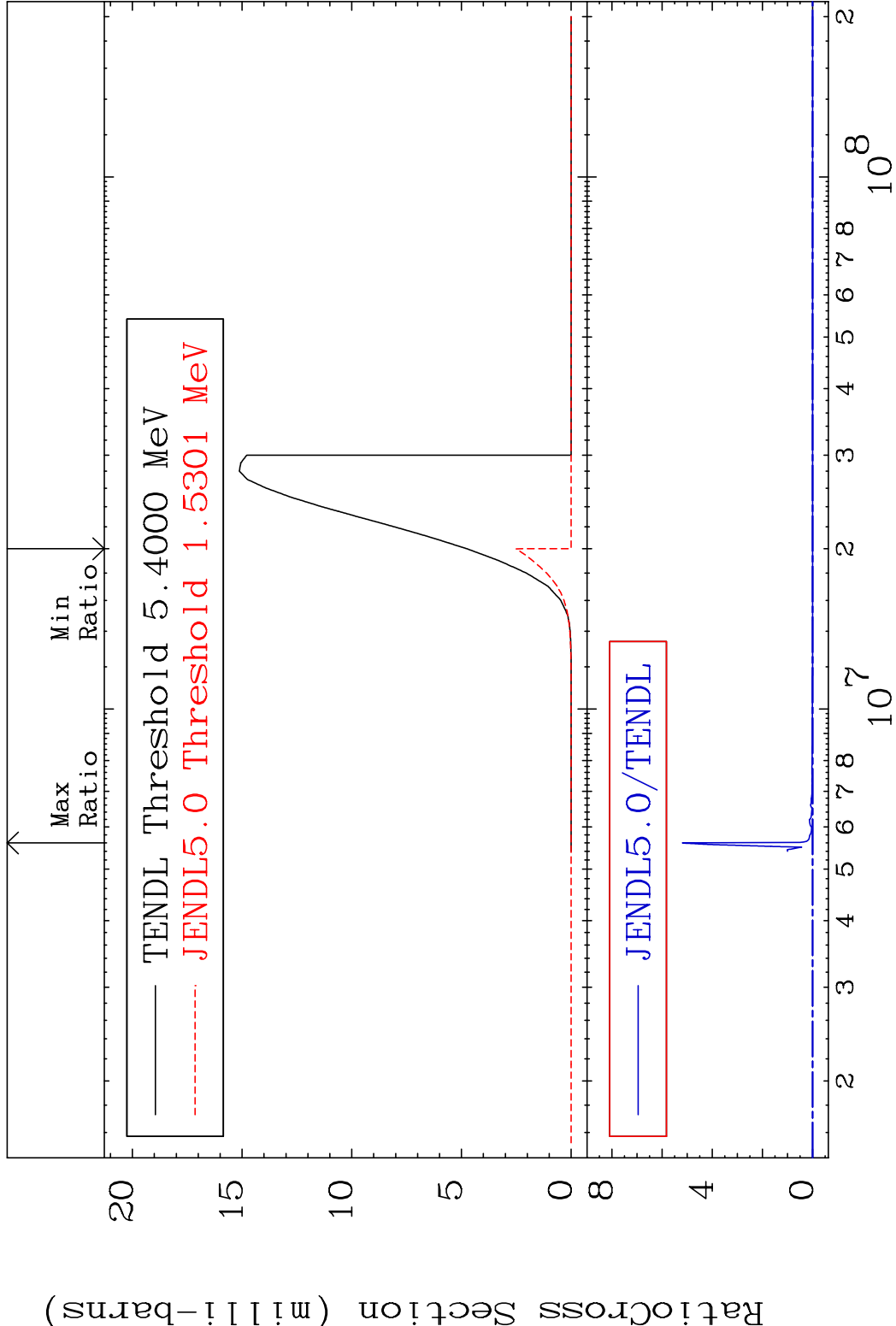


Radionuclide Production Cross-Section 149.0 %

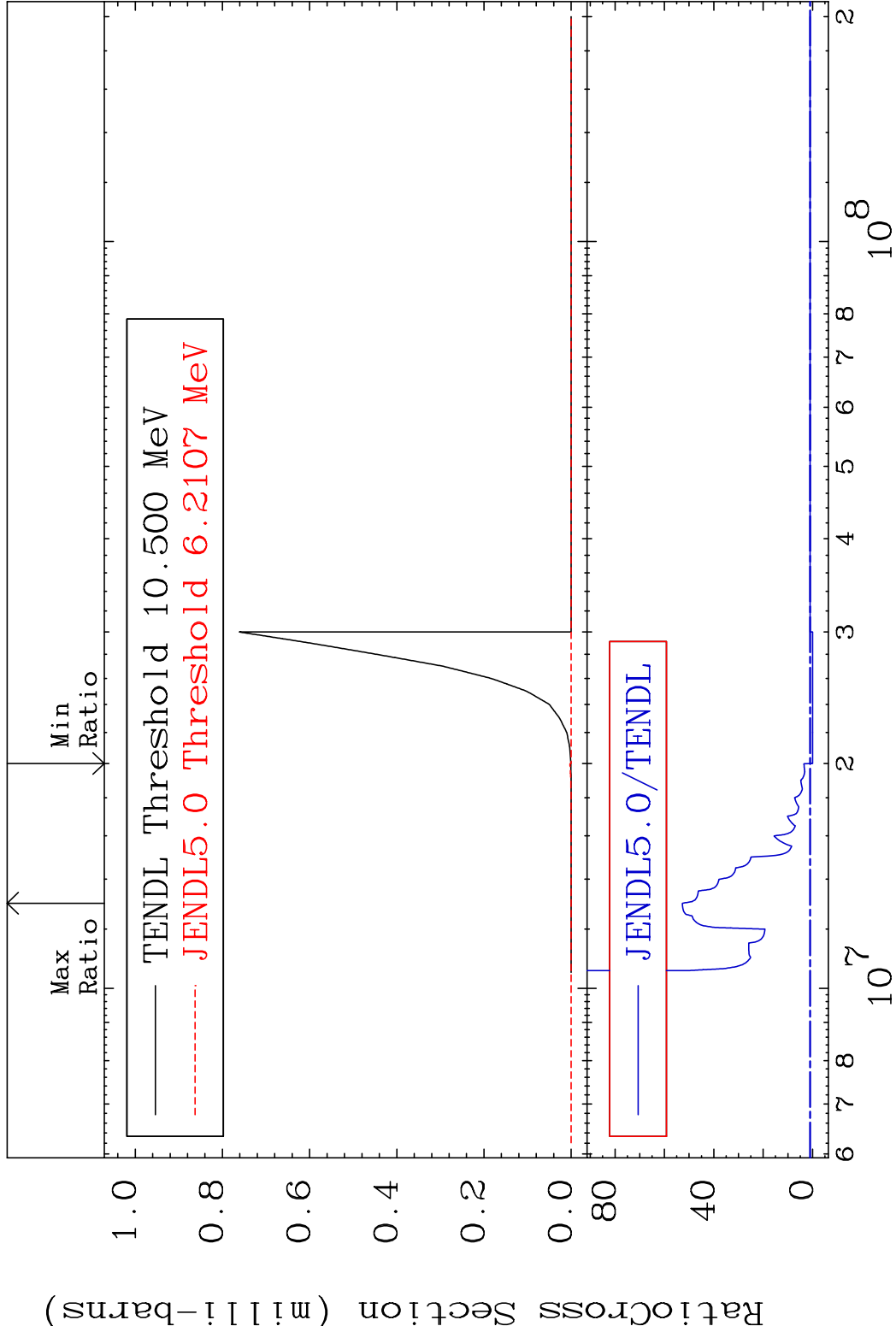




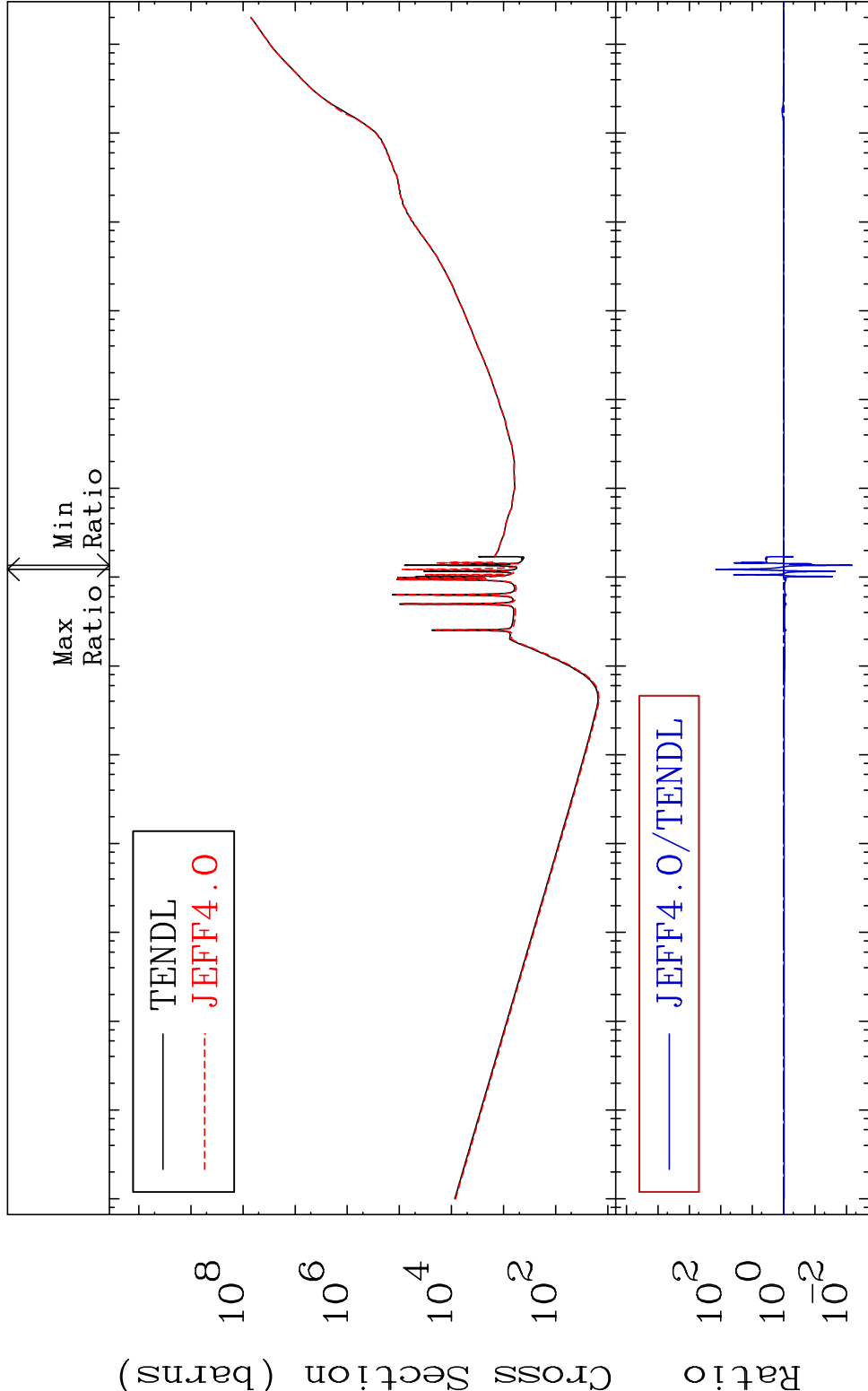
Radionuclide Production Cross Section (mb) to 9999. %

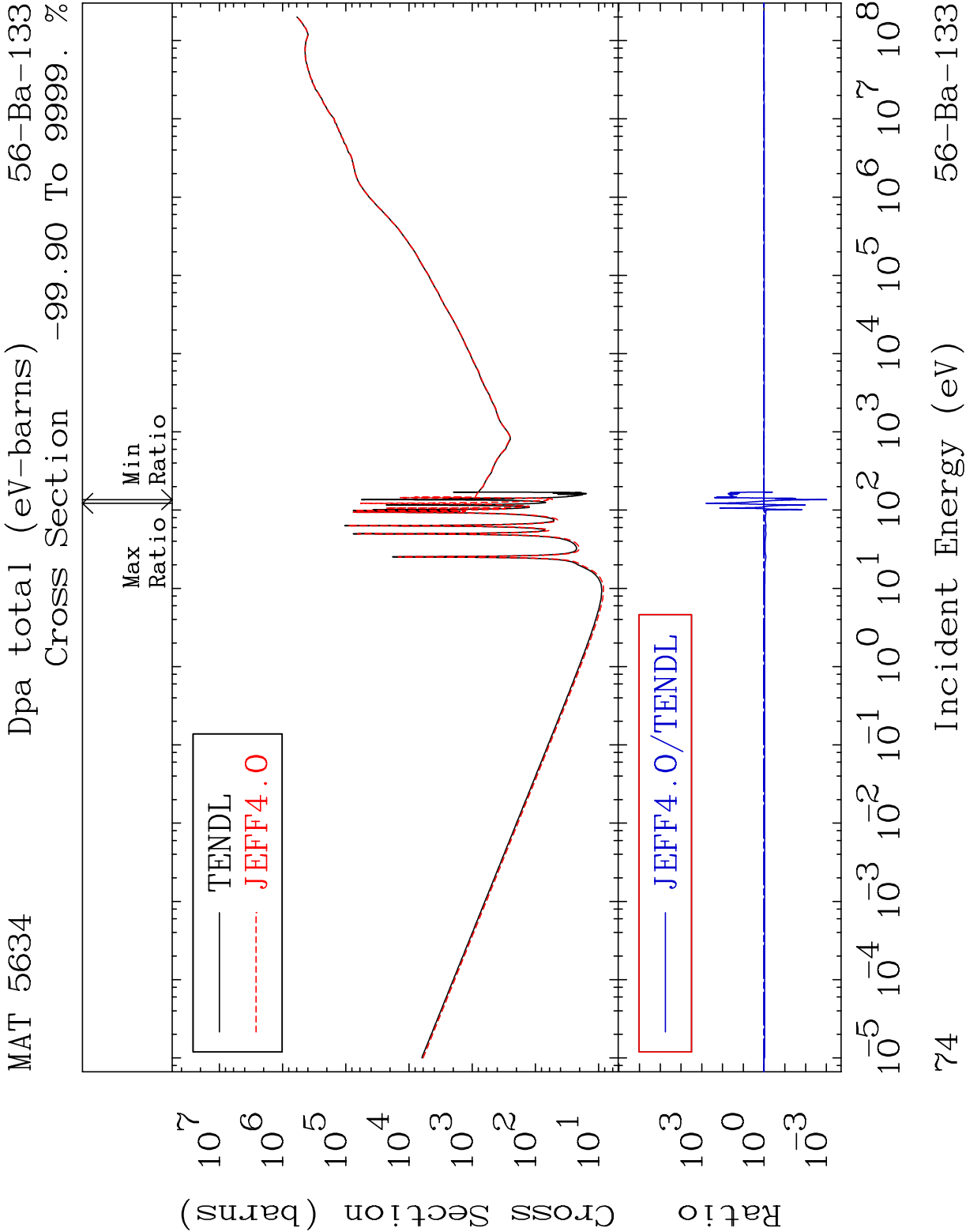


Radionuclide Production Cross Section (mb) 5173. %

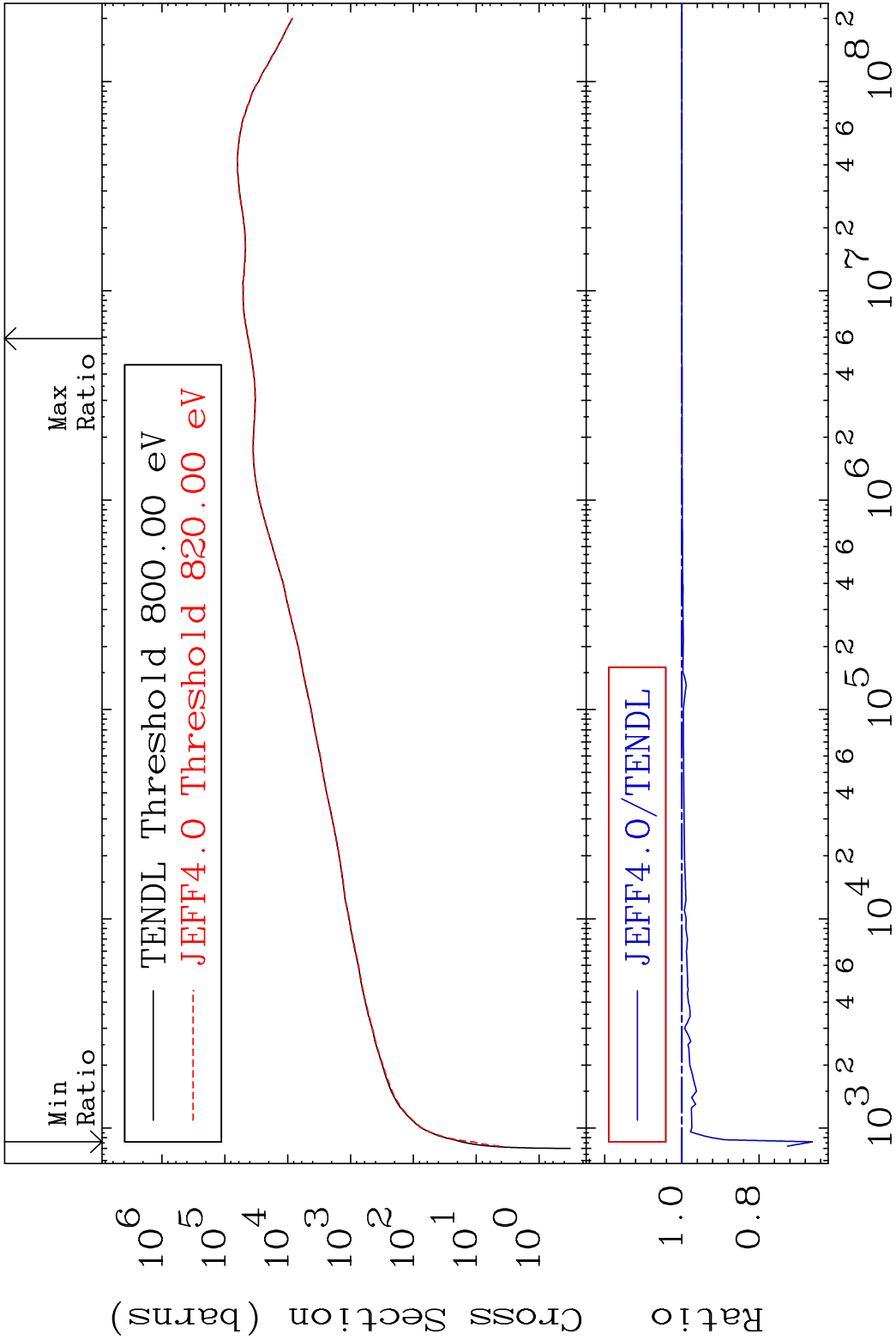


MAT 5634 Total kinematic kerma (high limit) 56-Ba-133
Cross Section -99.34 To 9999. %

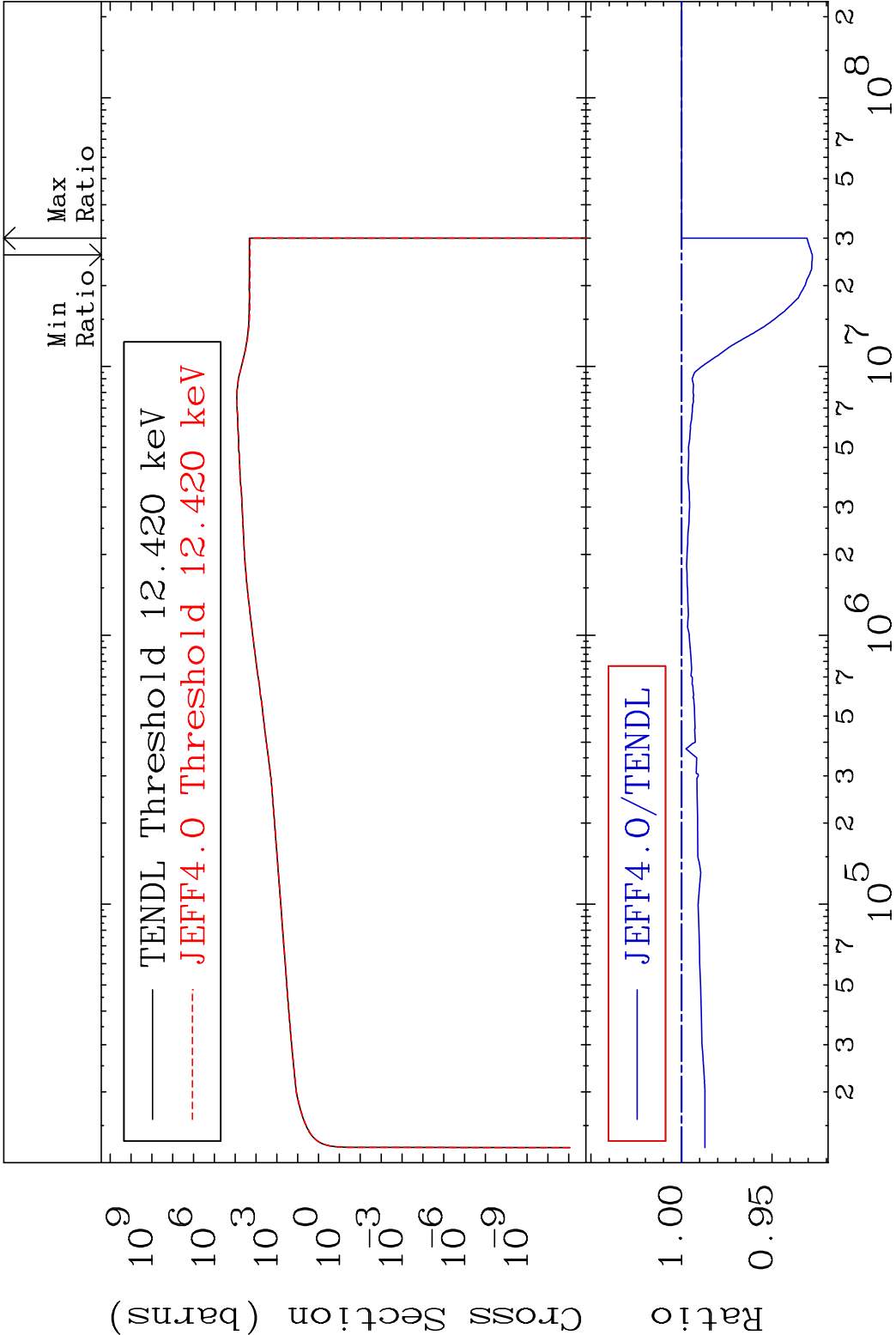




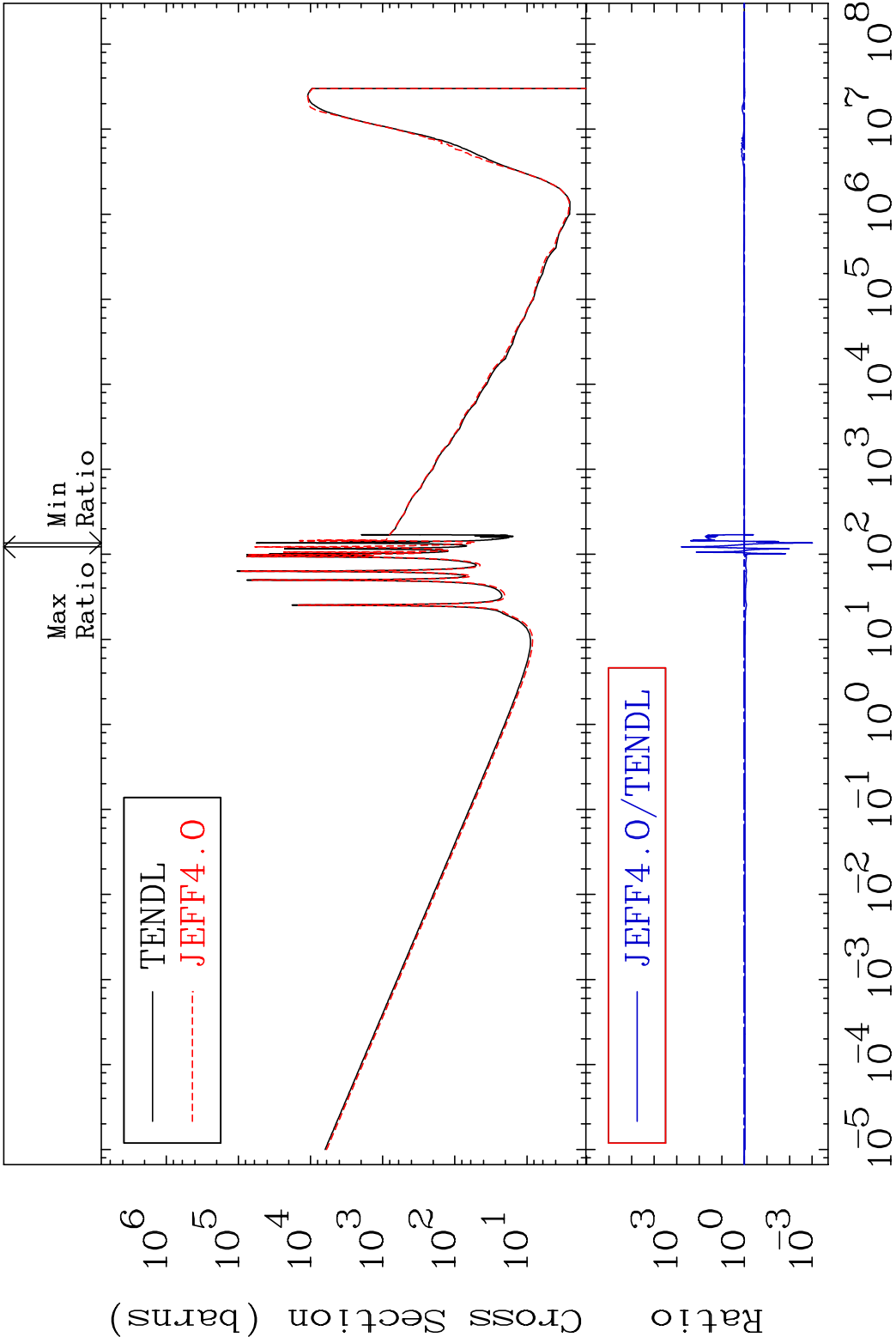
MAT 5634 Dpa elastic (mt2) 56-Ba-133
Cross Section -33.82 To 0.033 %

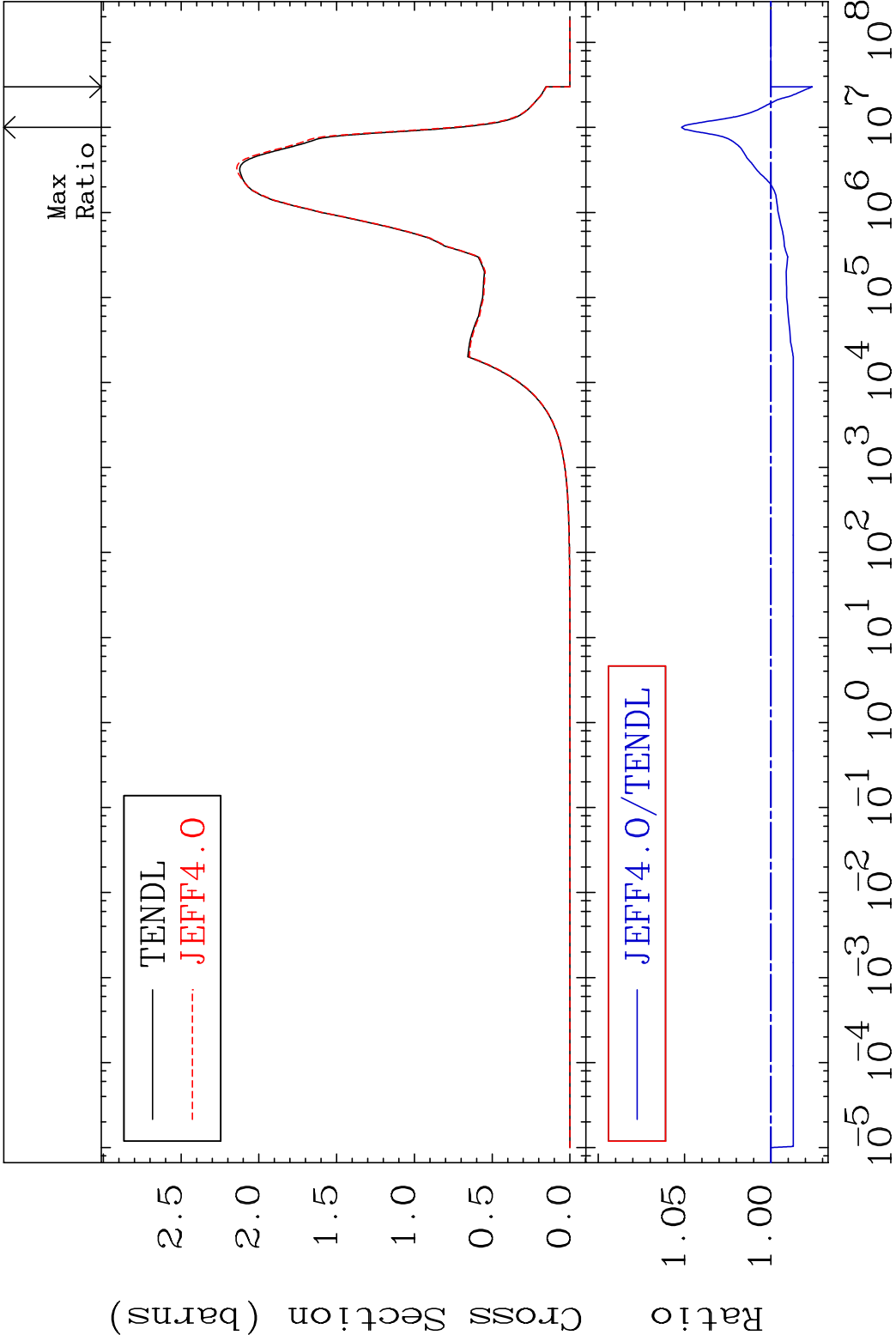


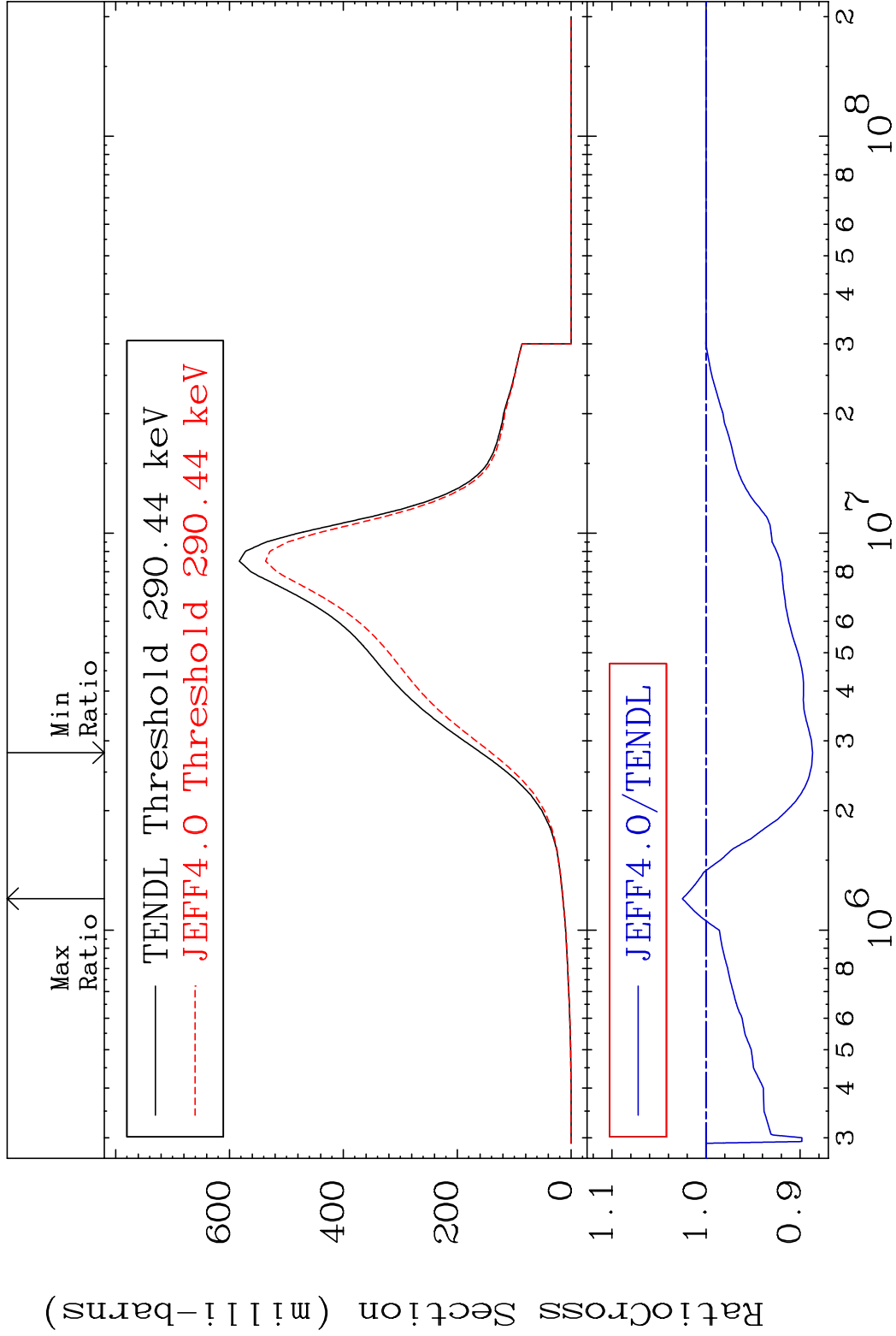
56-Ba-133

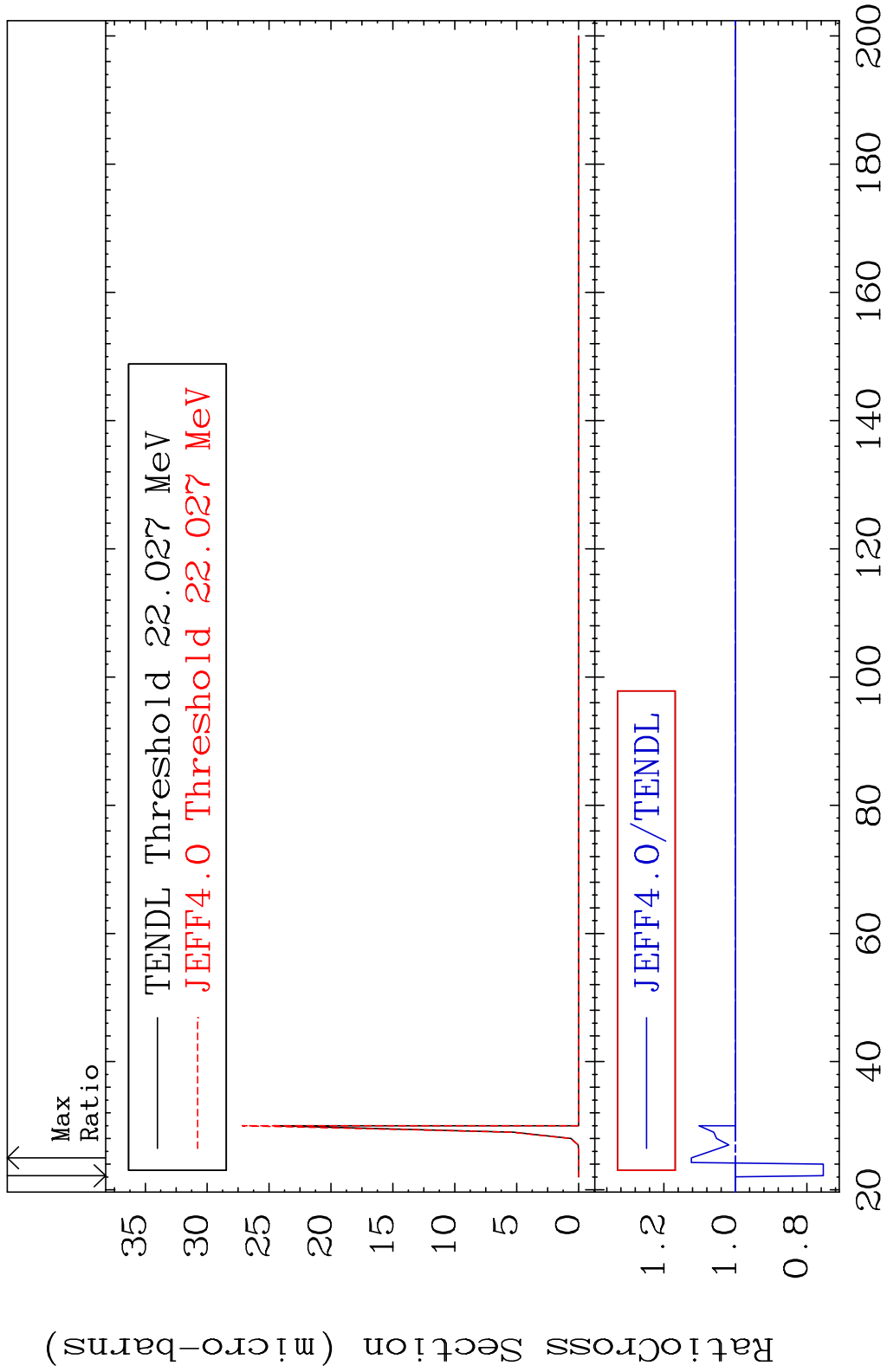


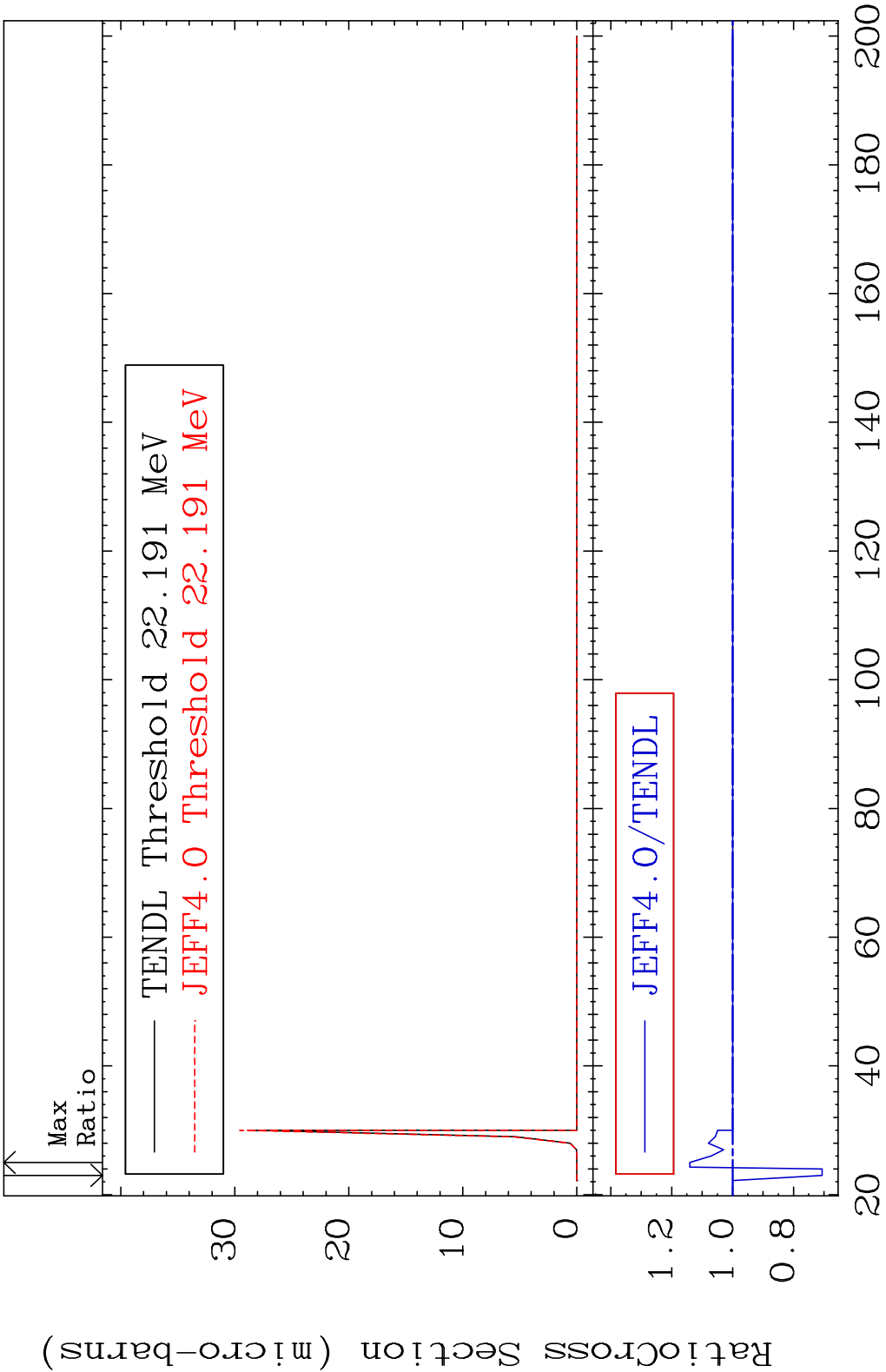
MAT 5634 Dpa disappearance (mt102 -120) 56-Ba-133
Cross Section -99.90 To 9999. %

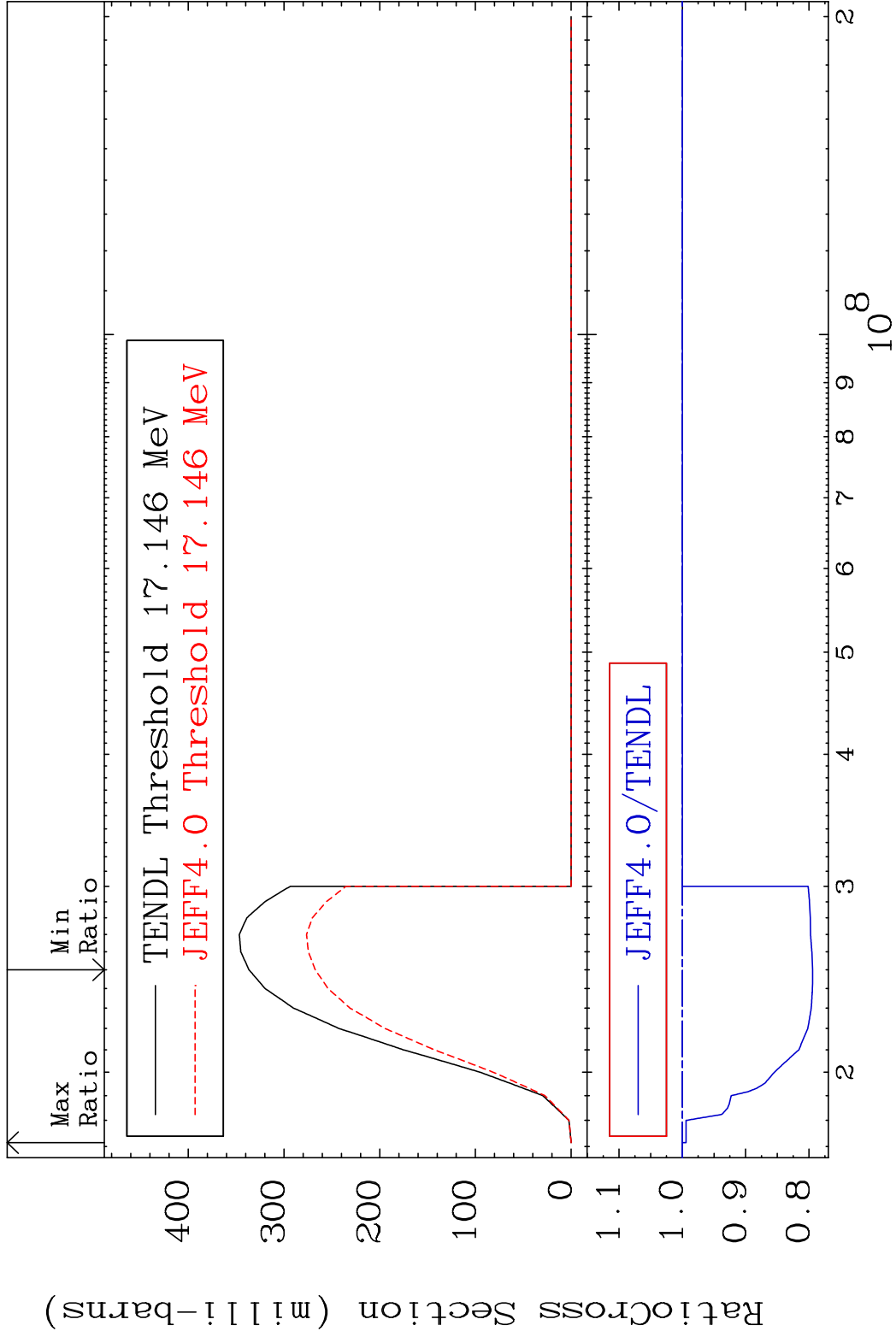


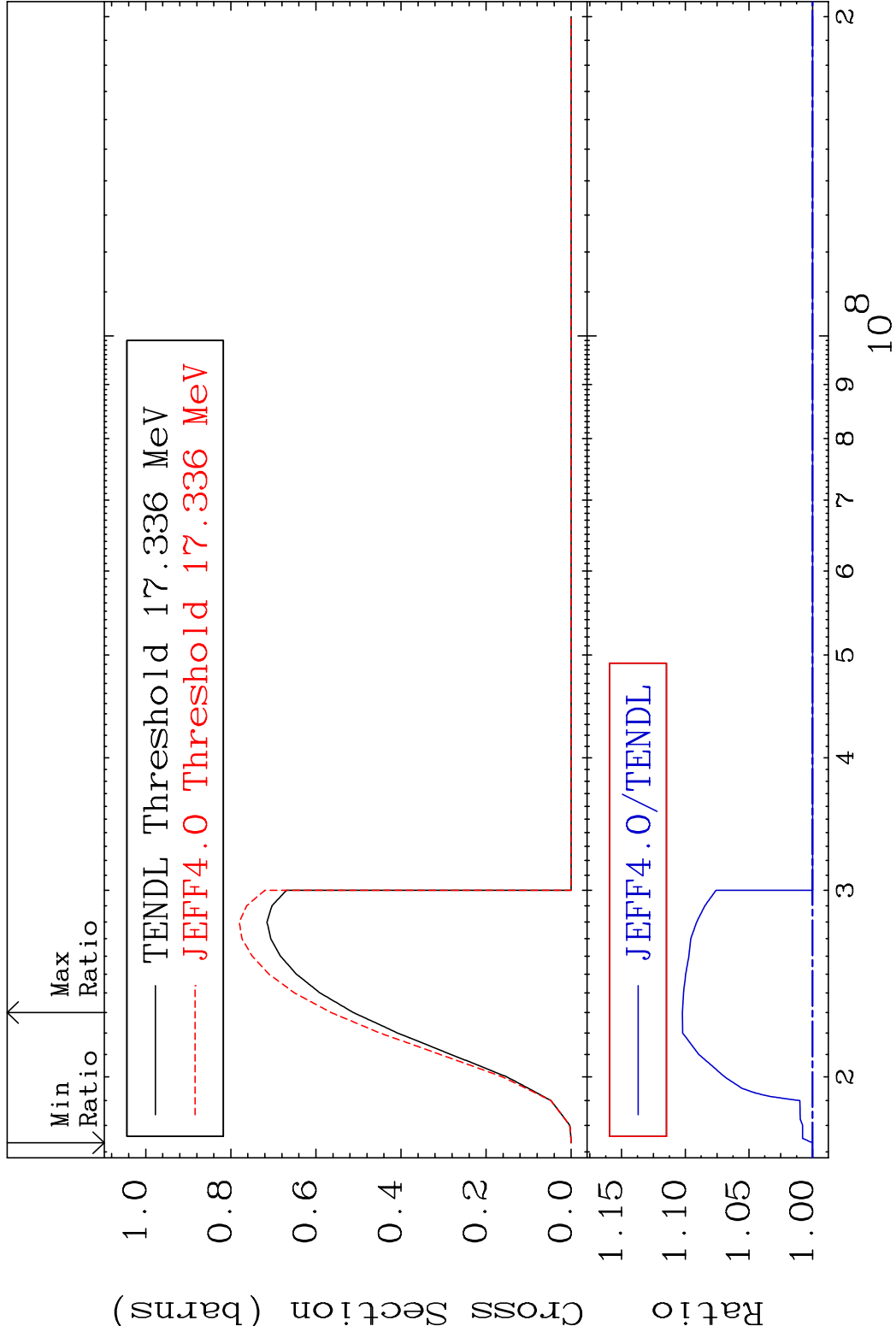


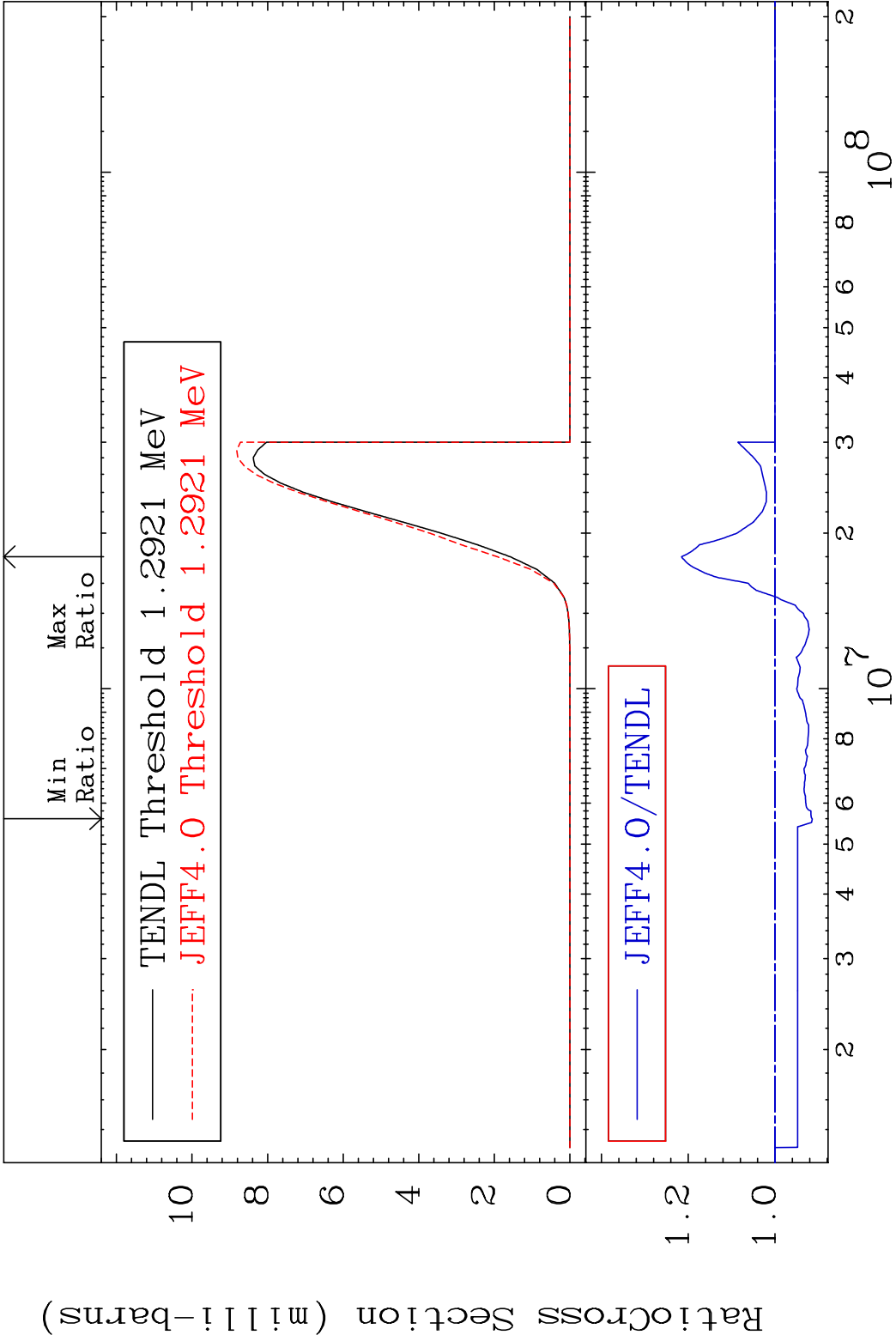


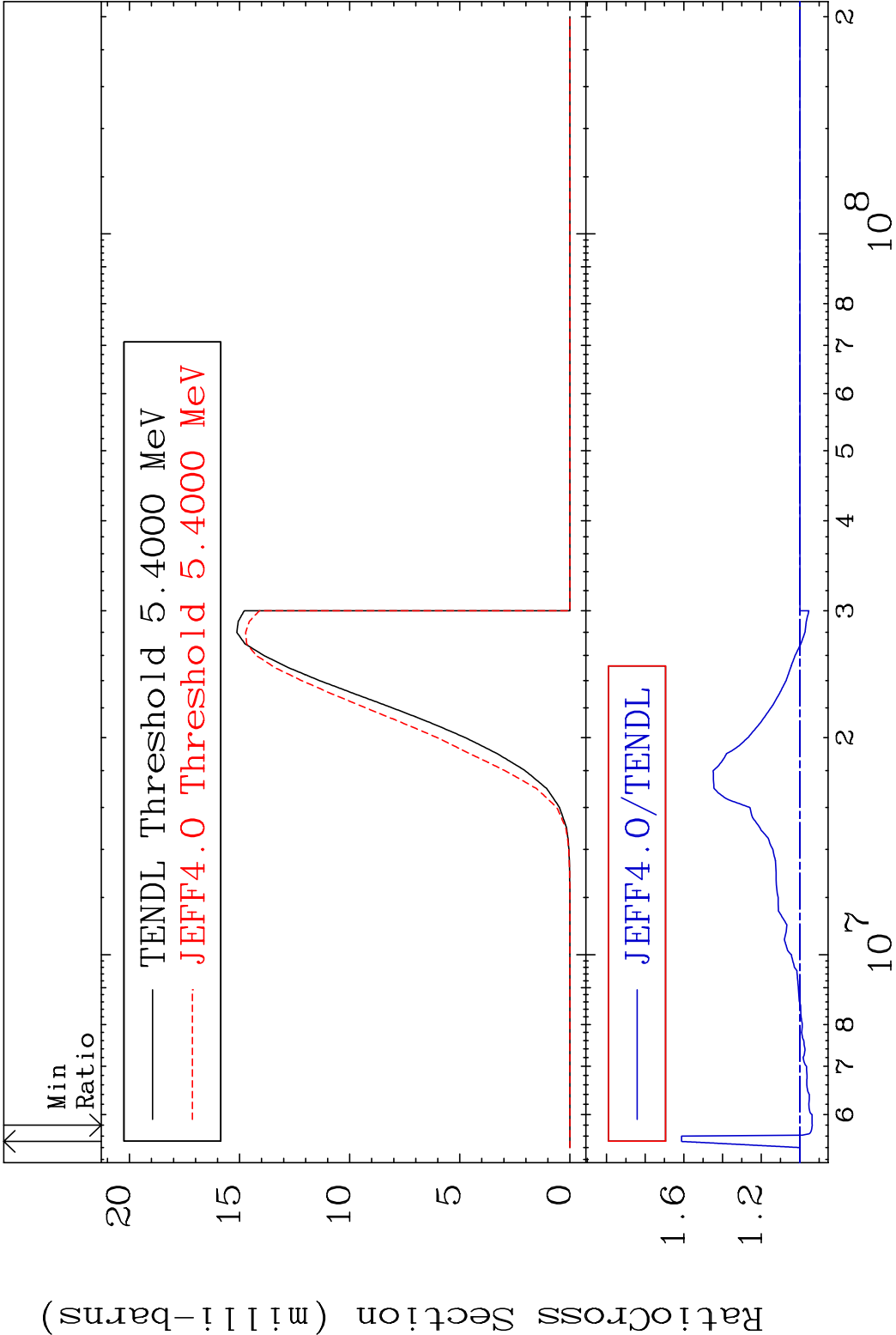


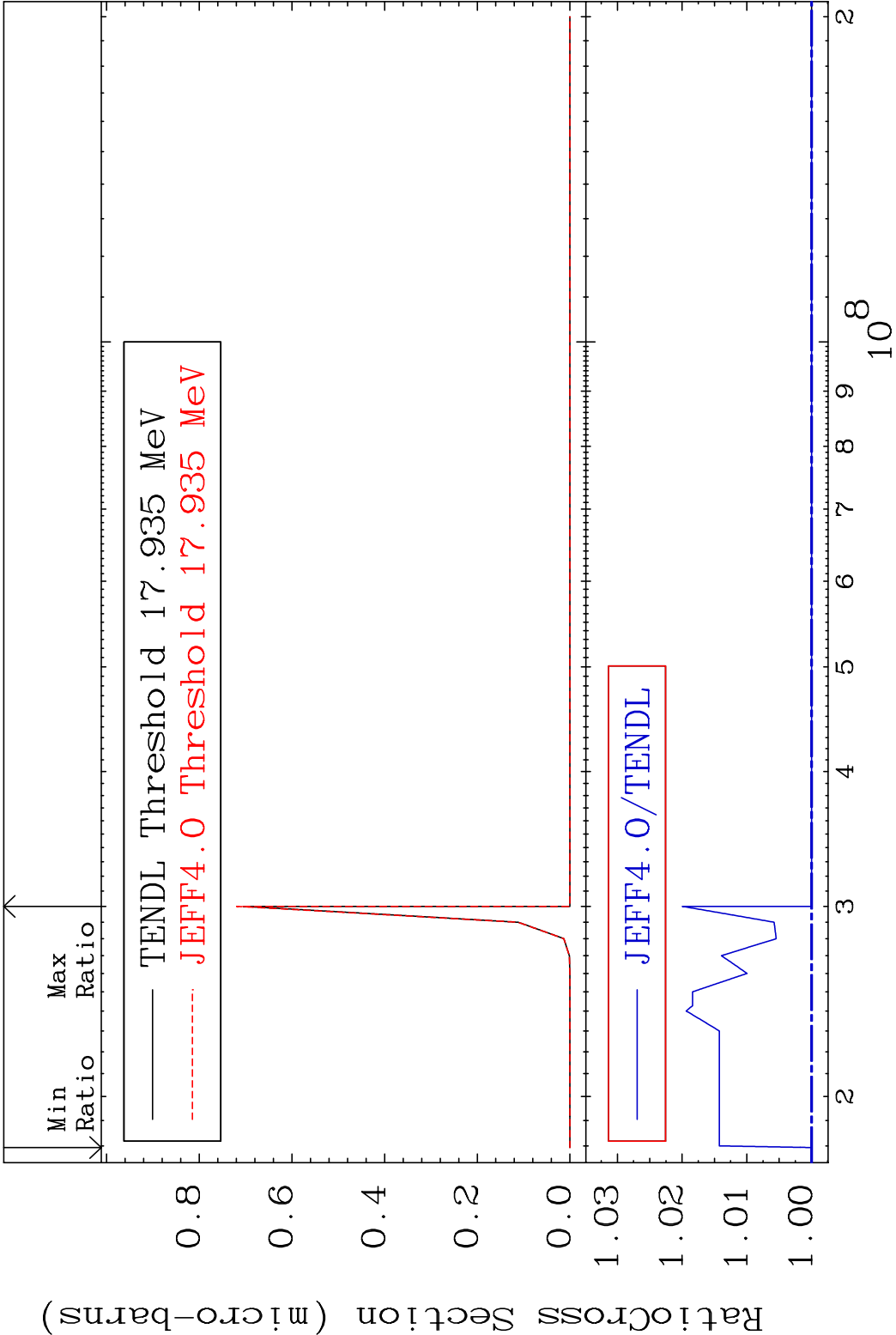


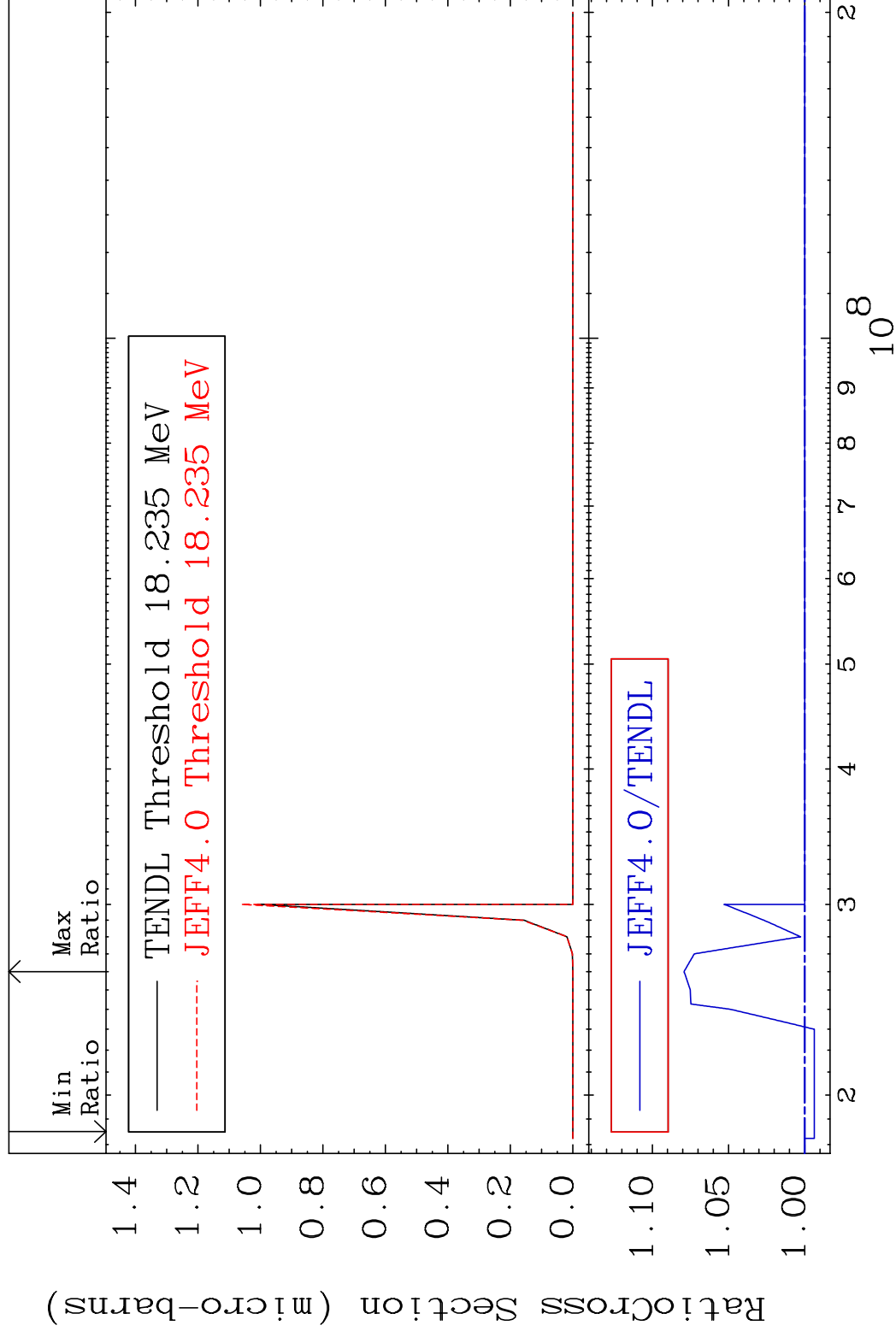


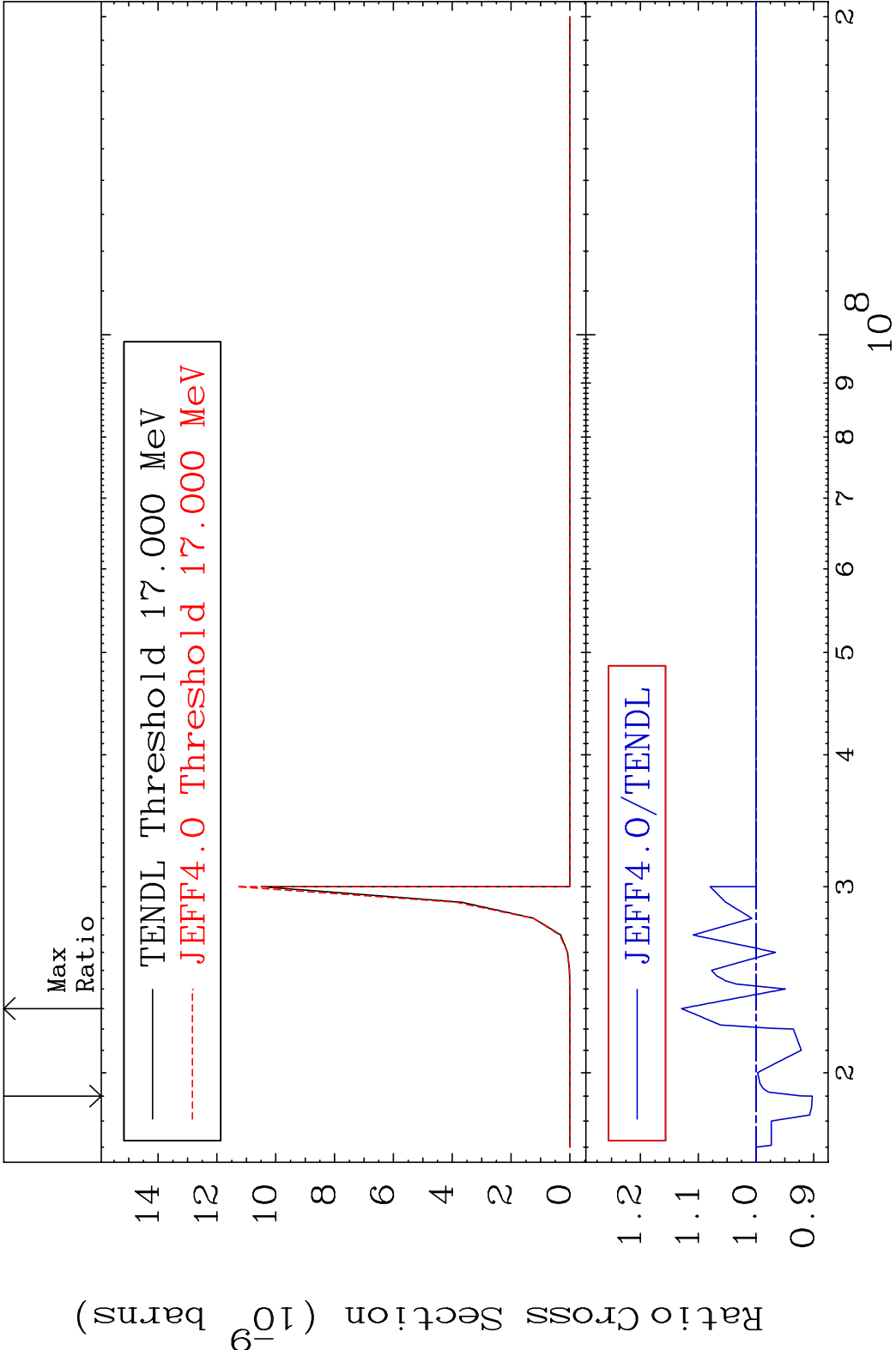


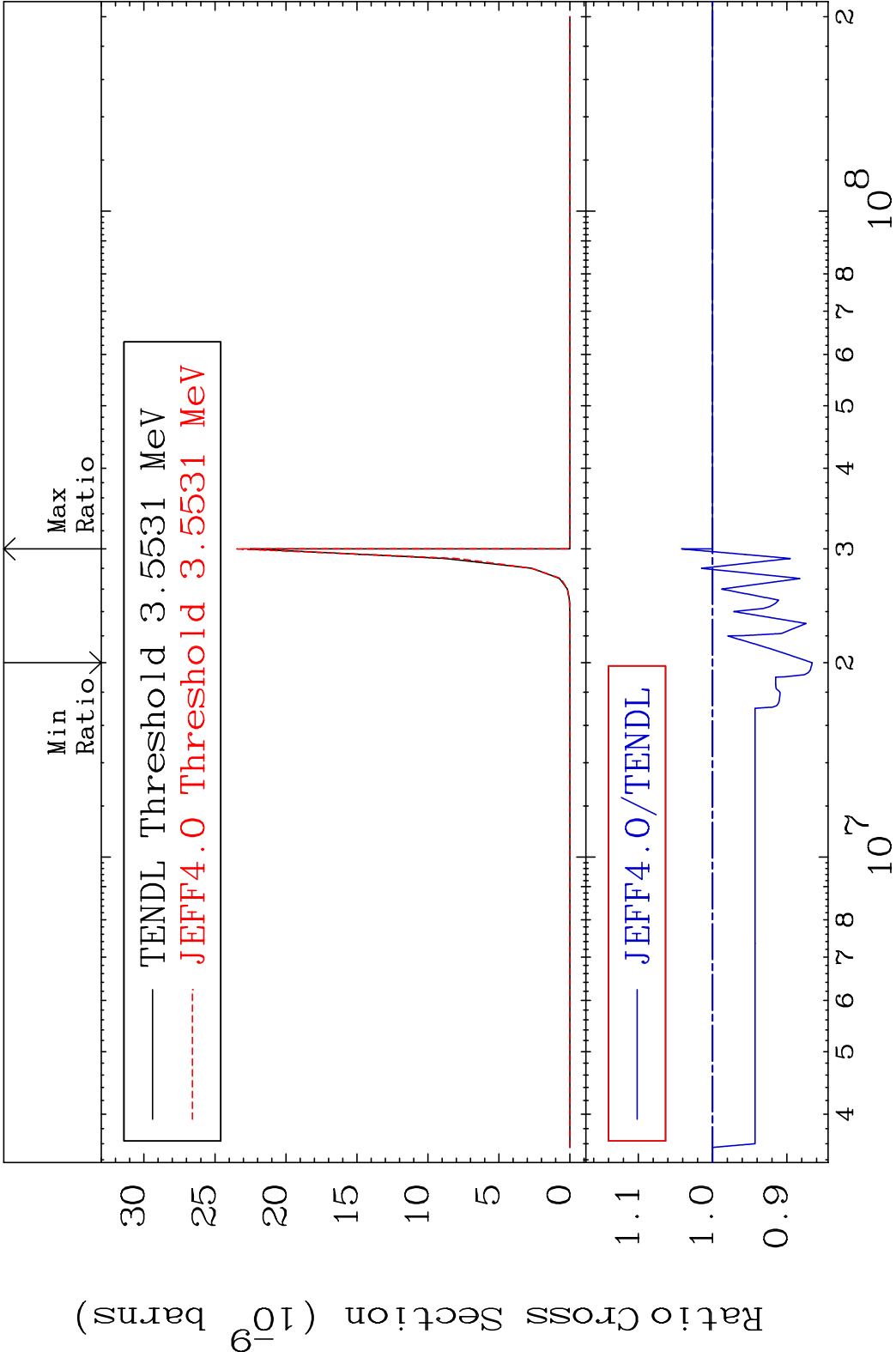


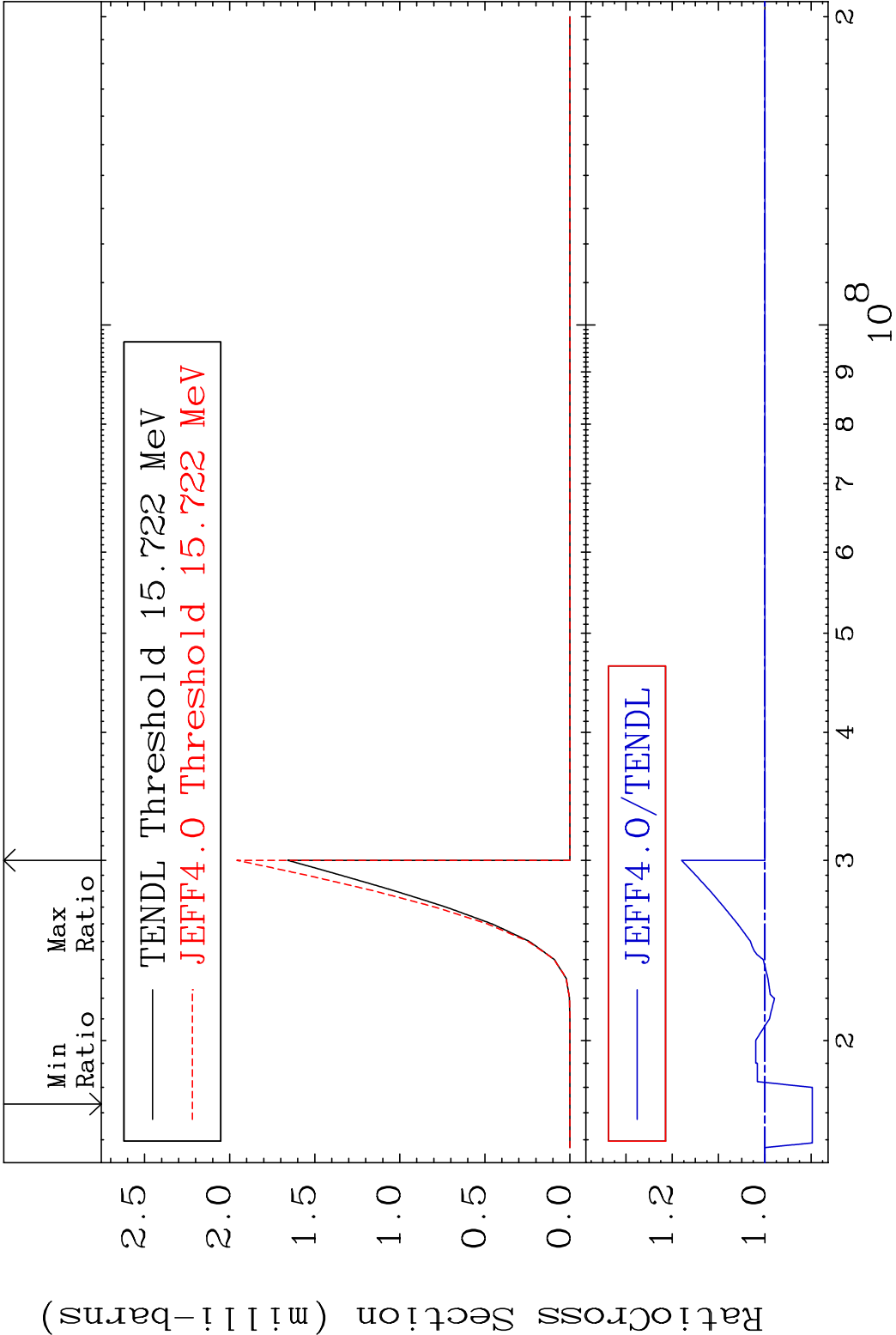


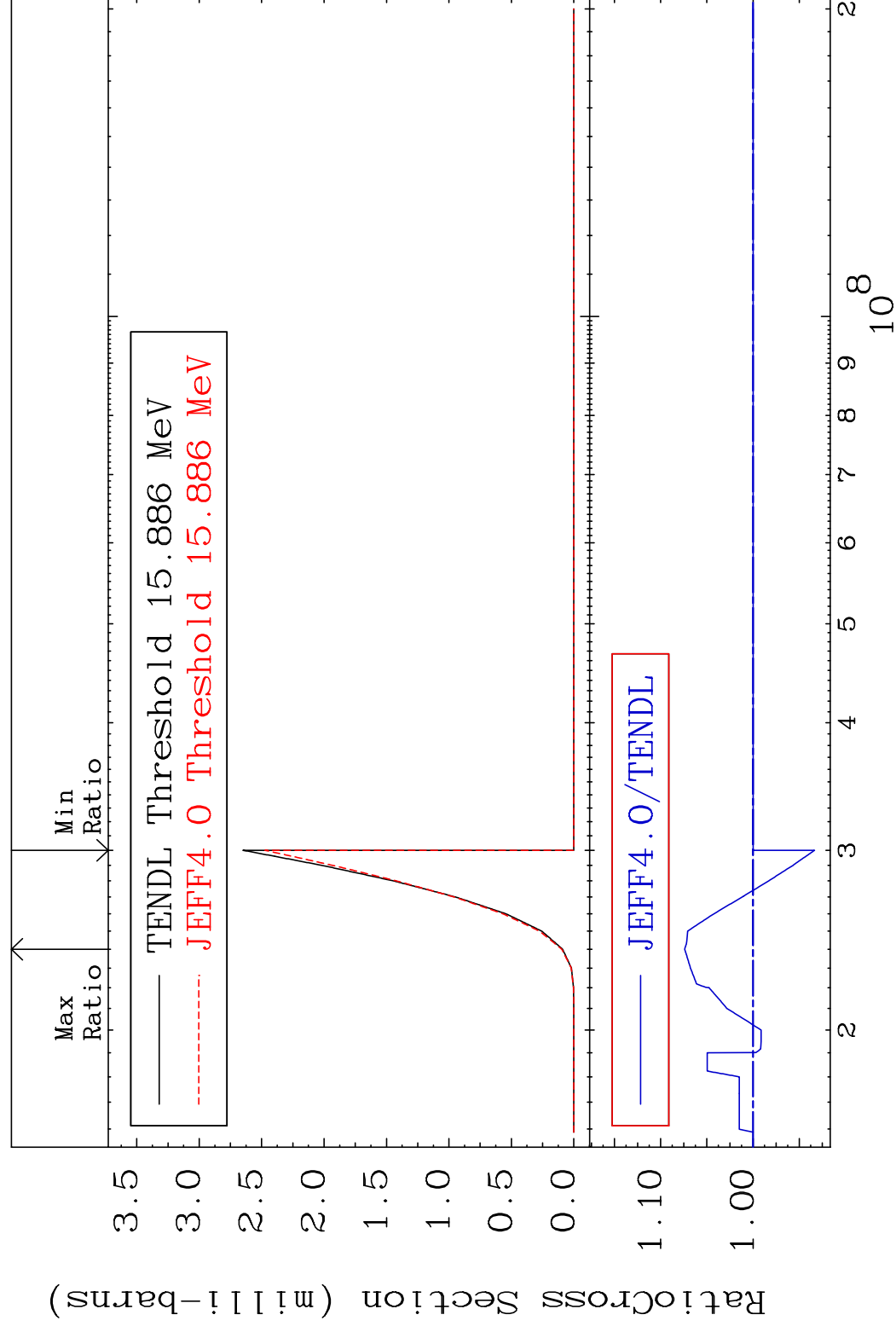


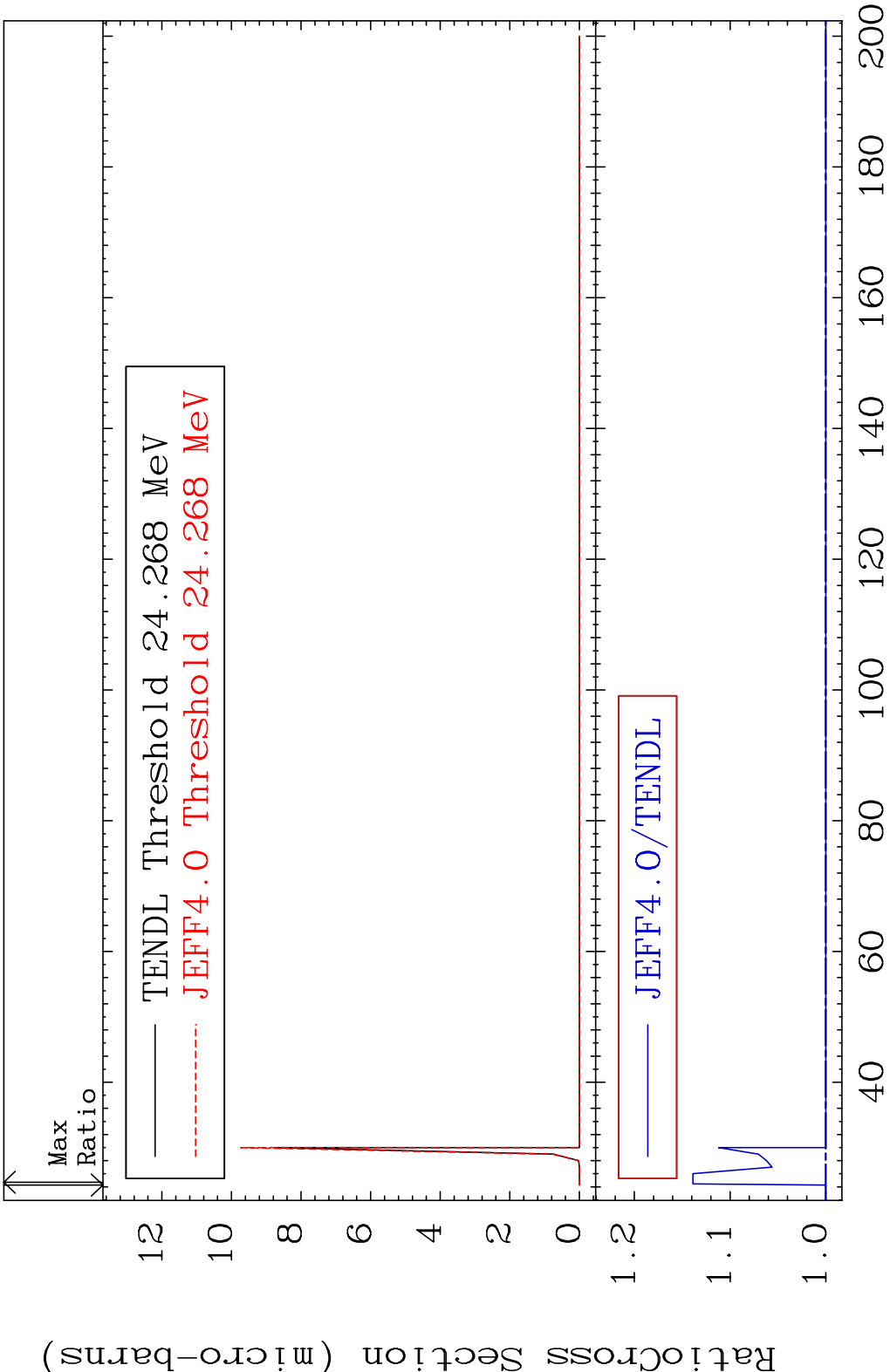


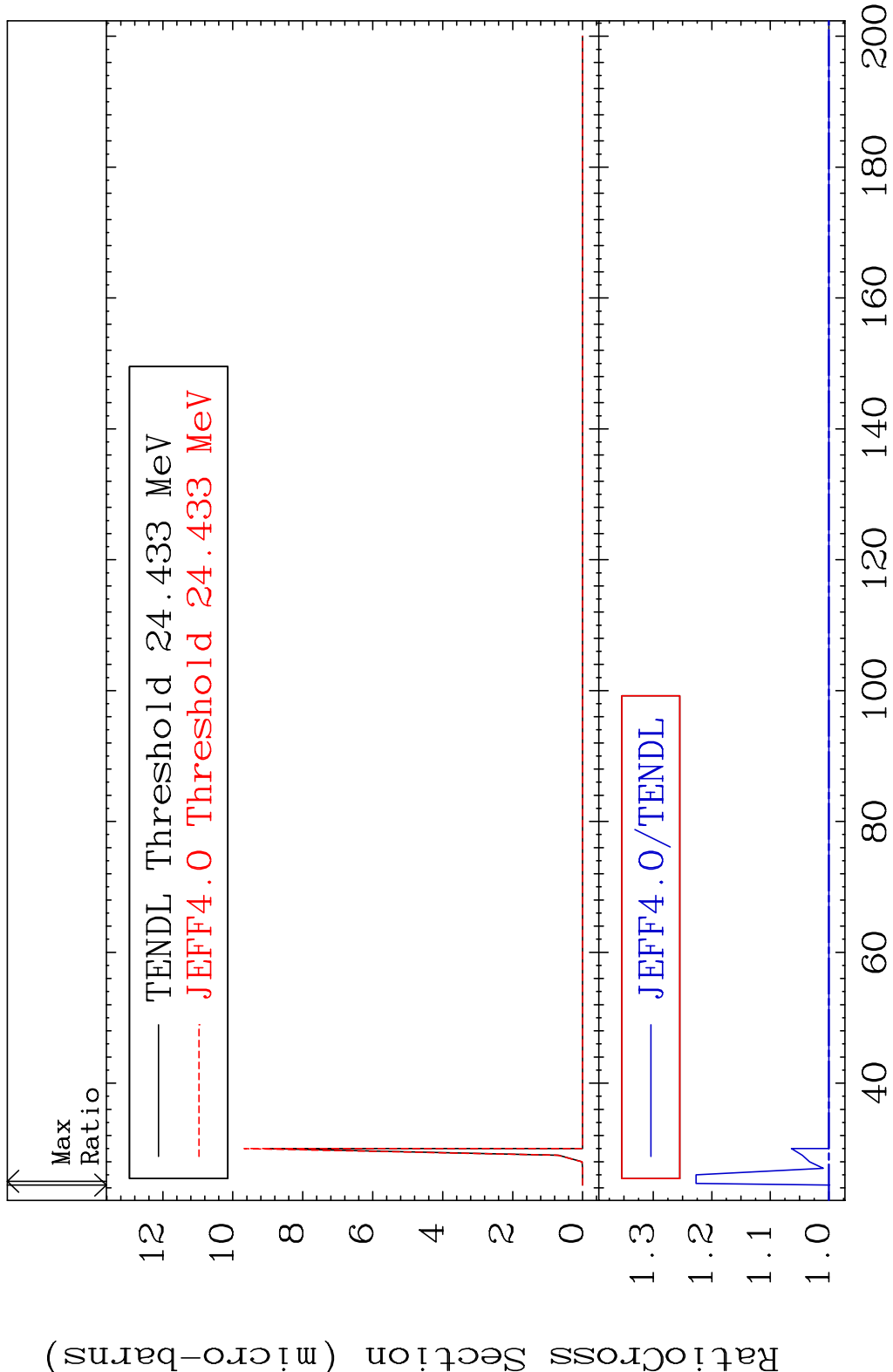


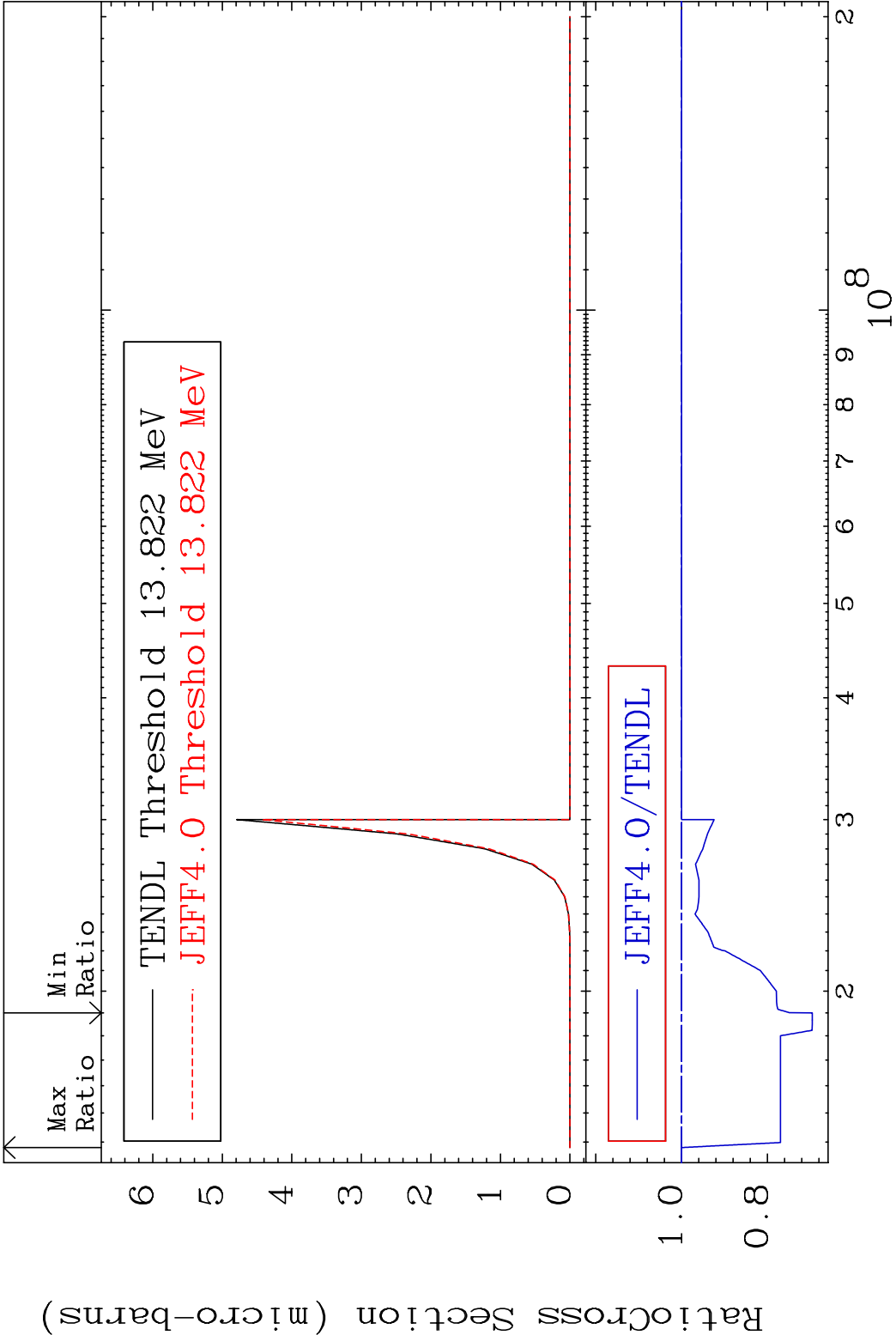


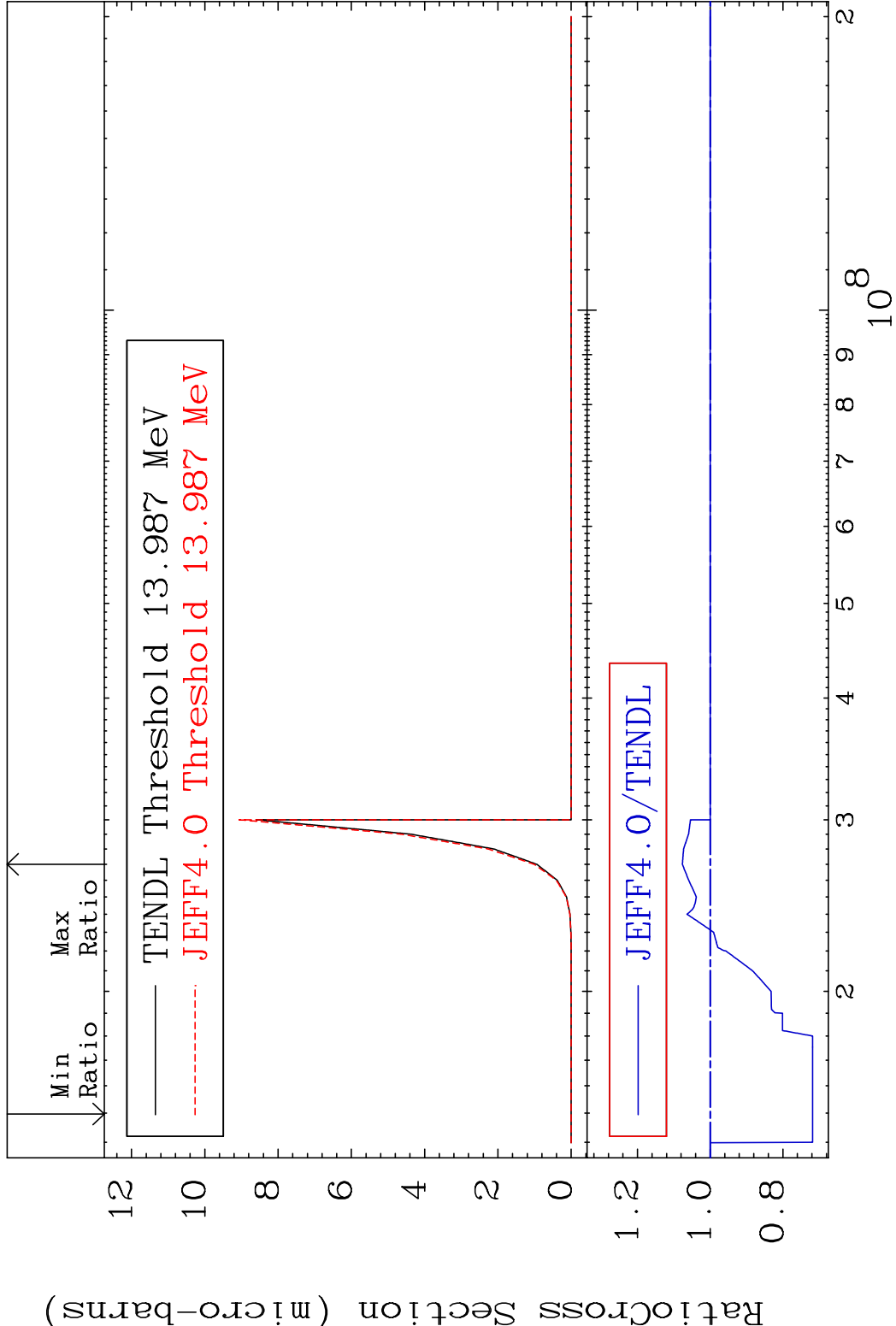


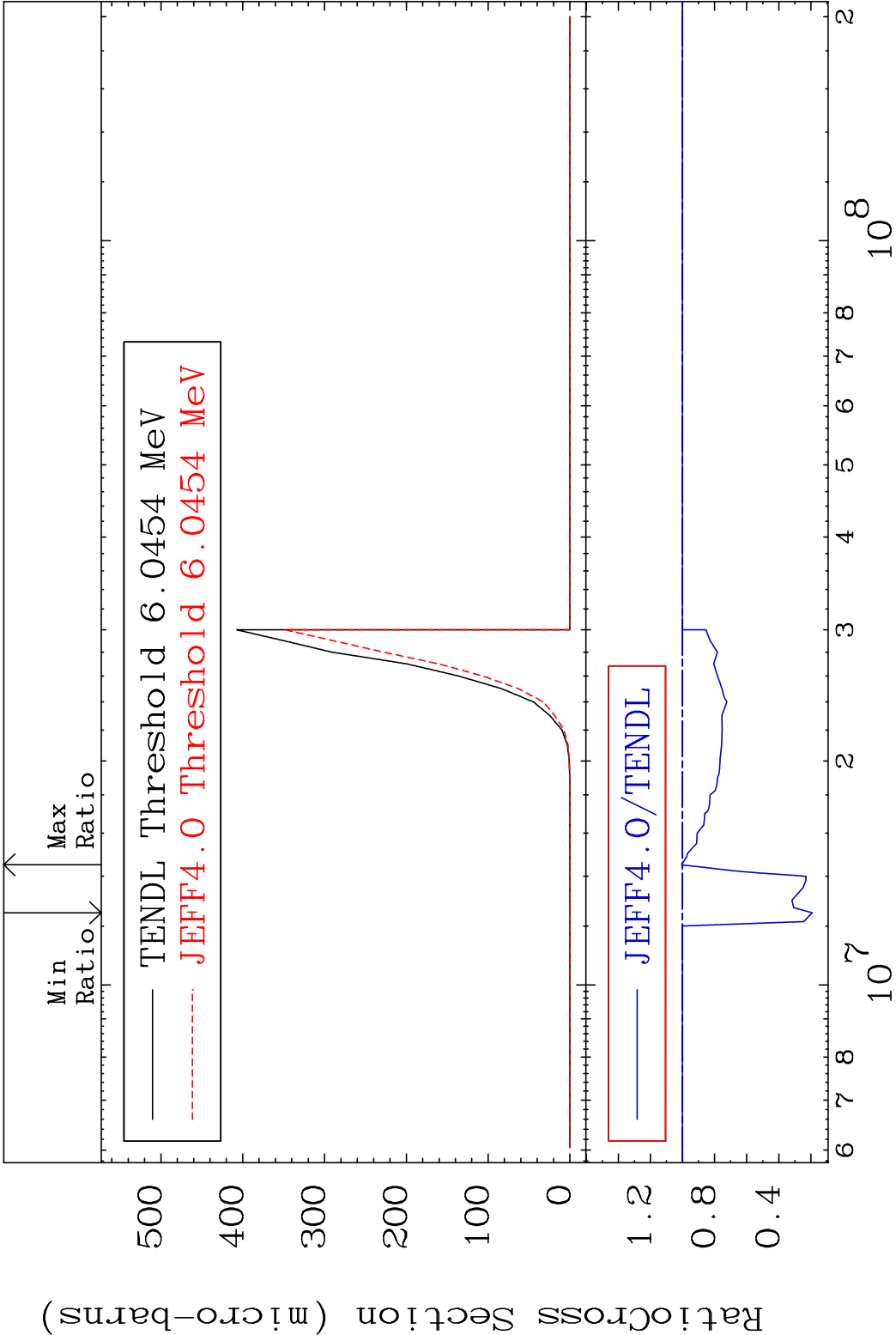


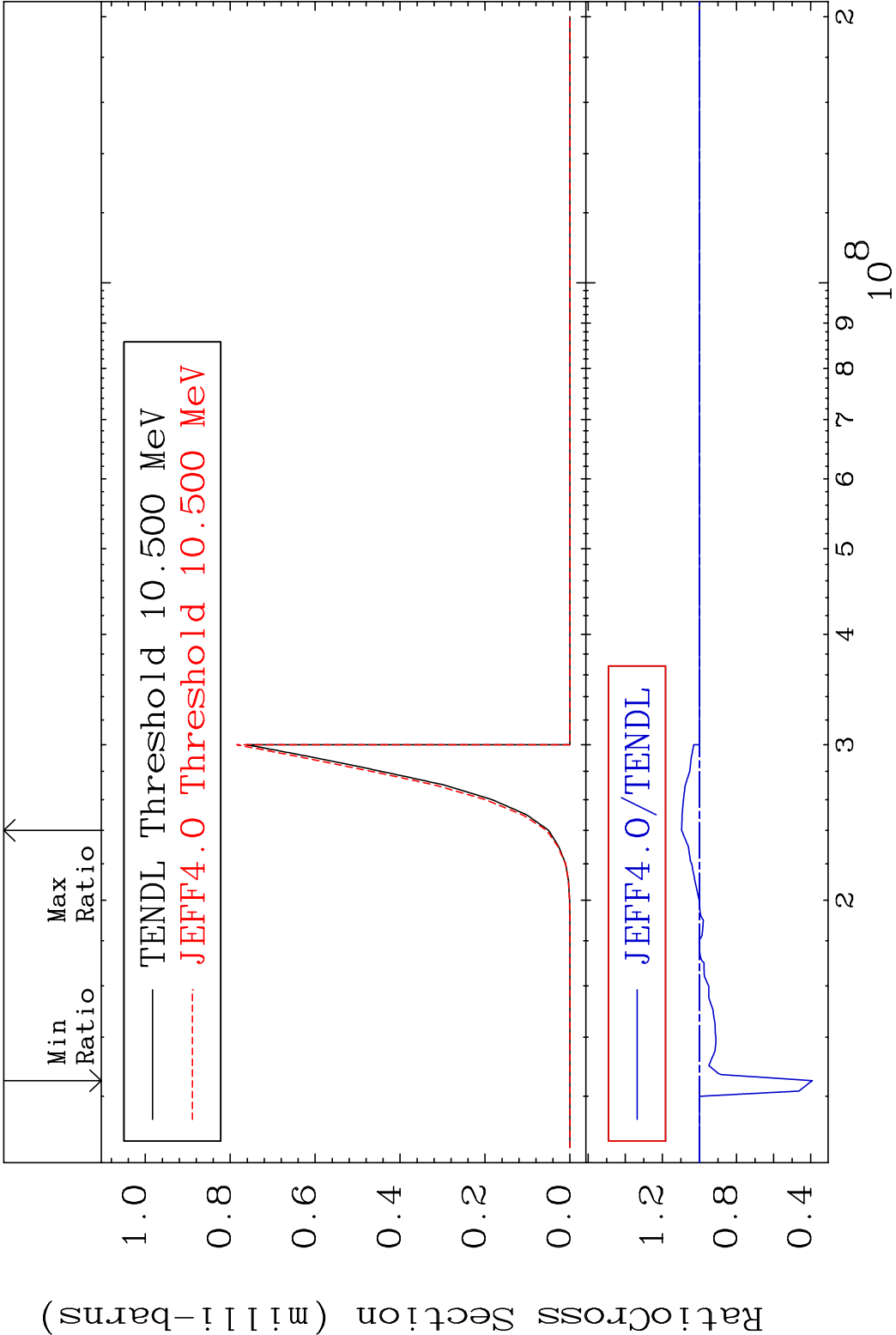


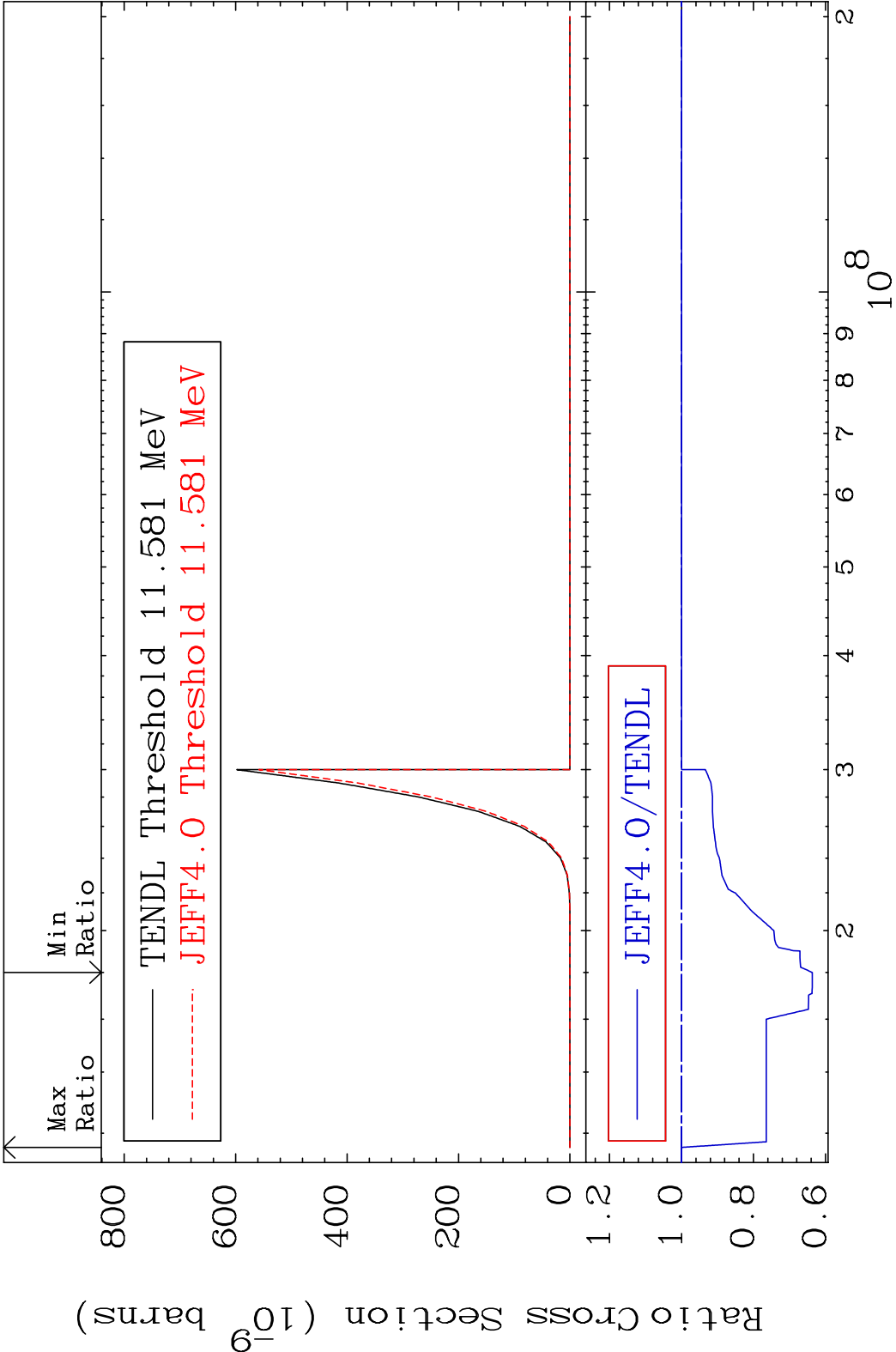












Radionuclide Production Cross-Section 20.20 %

