

Program Complot
(Version 2021-1)

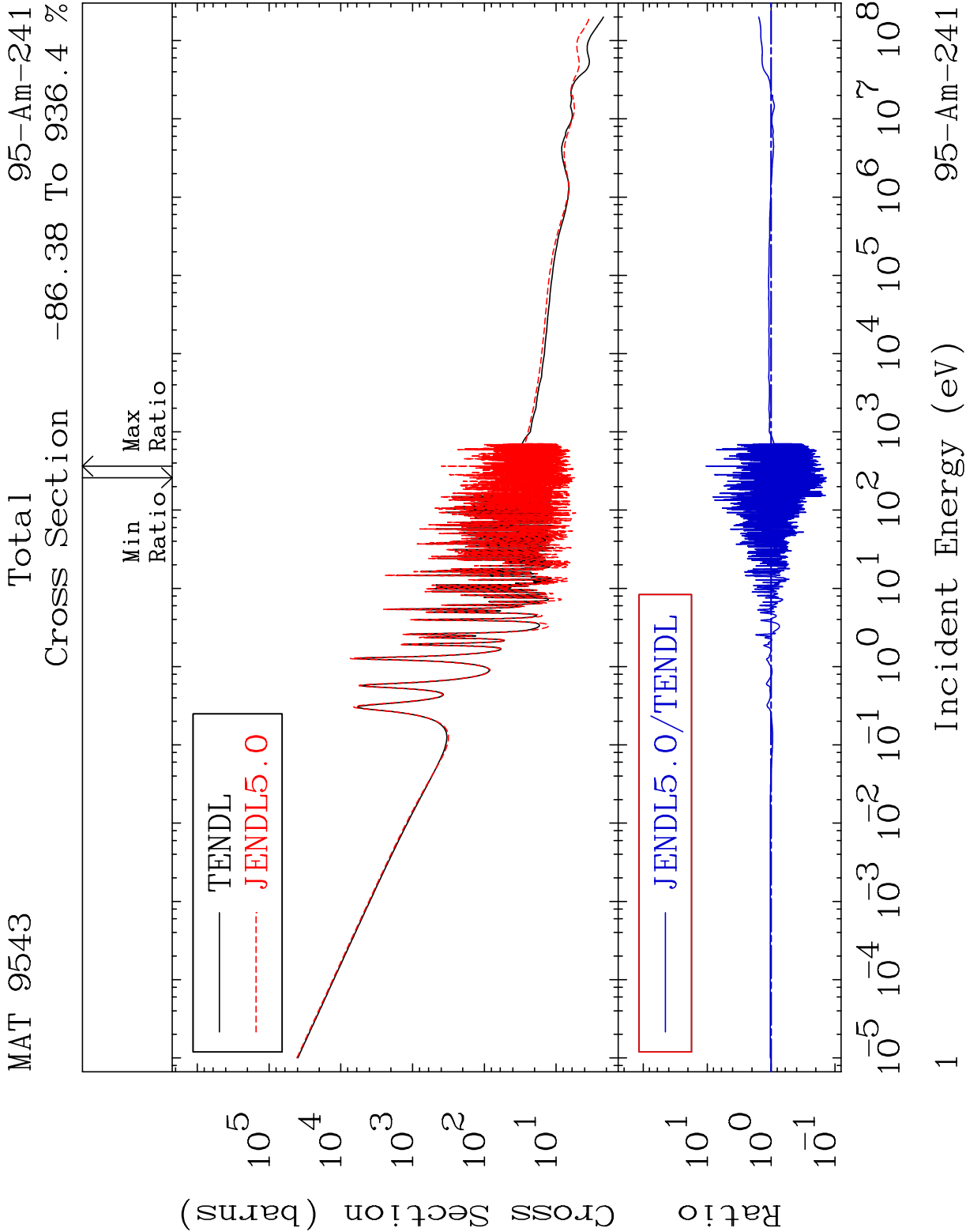
by

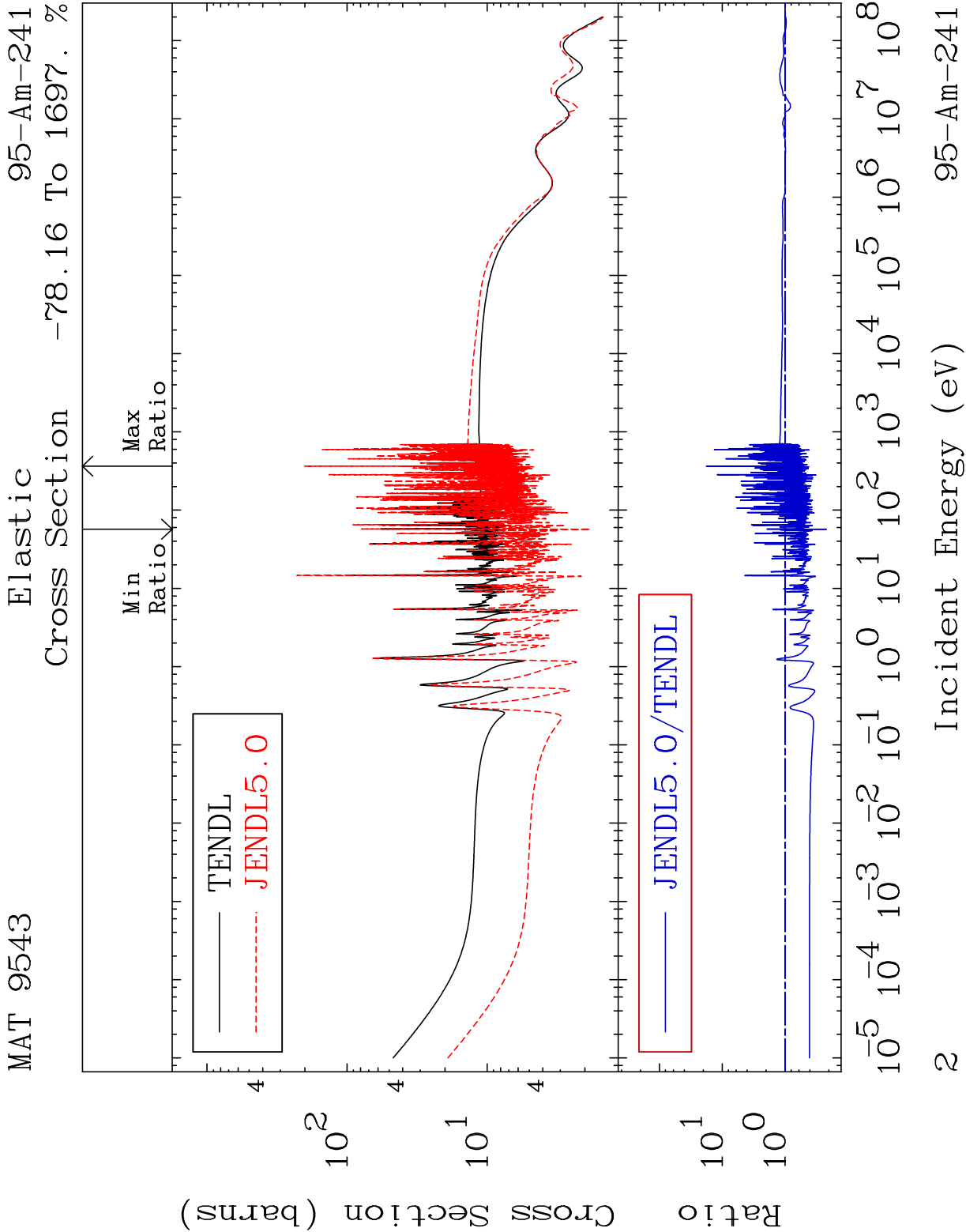
Dermott E. Cullen
(Present Contact Information)

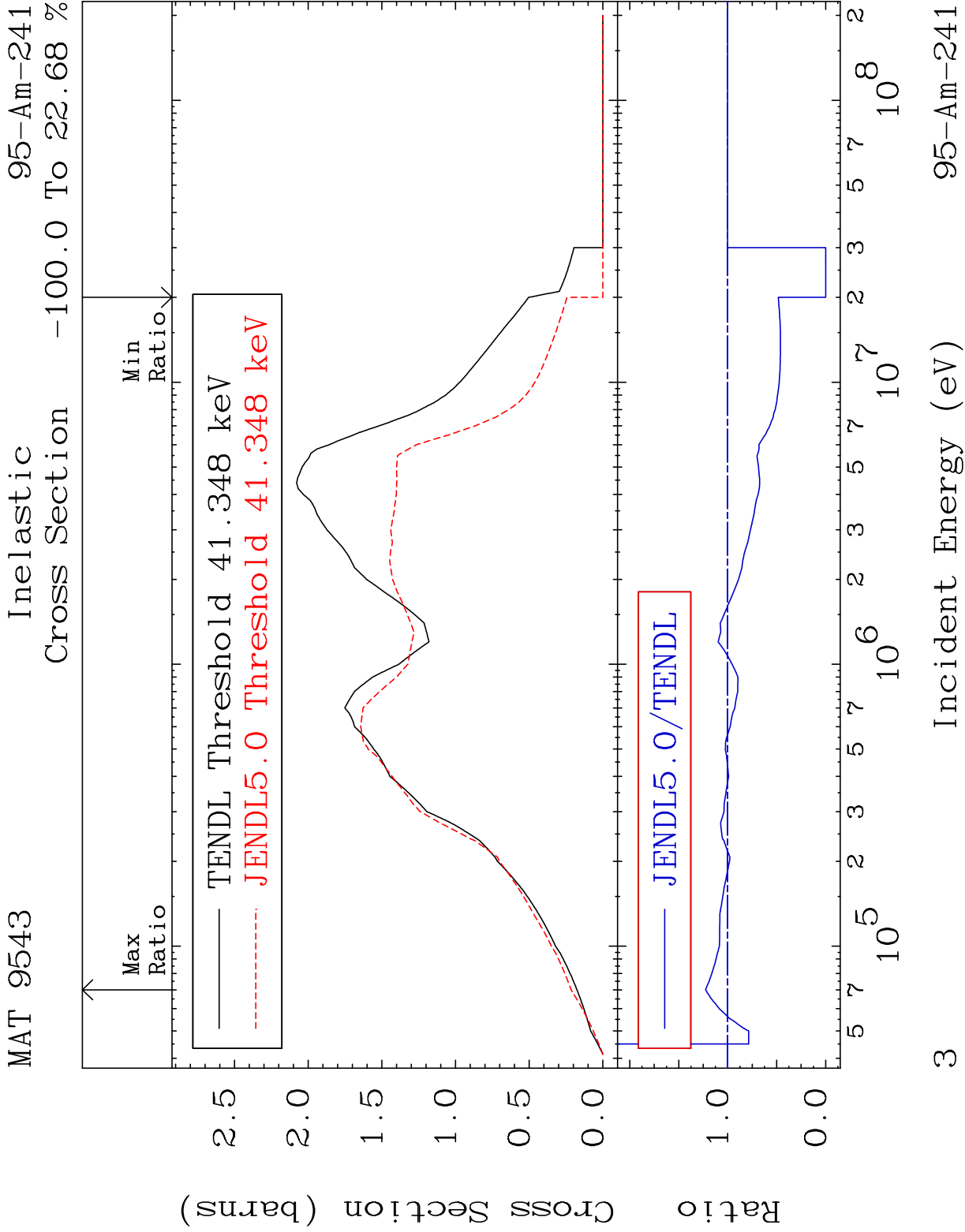
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

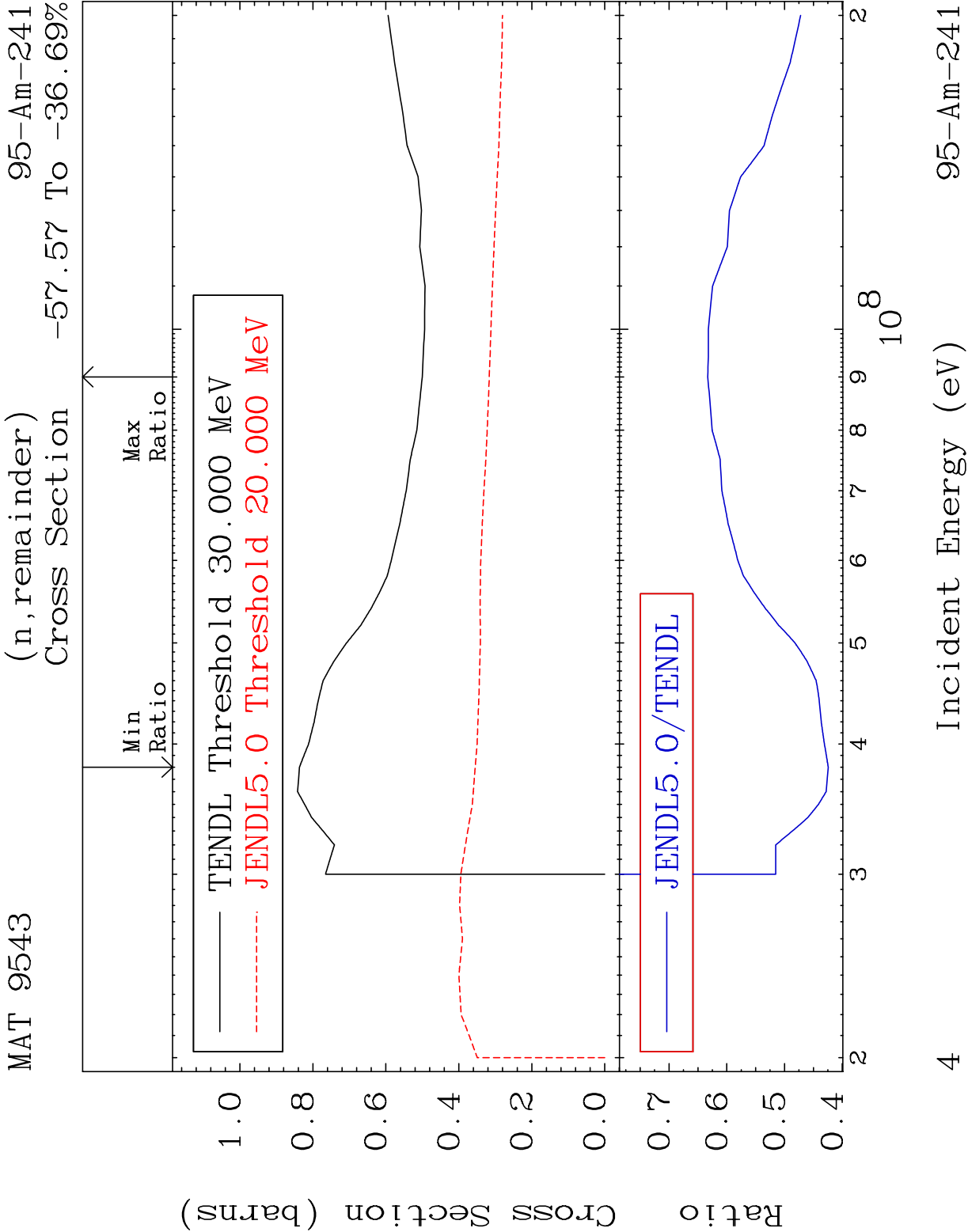
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

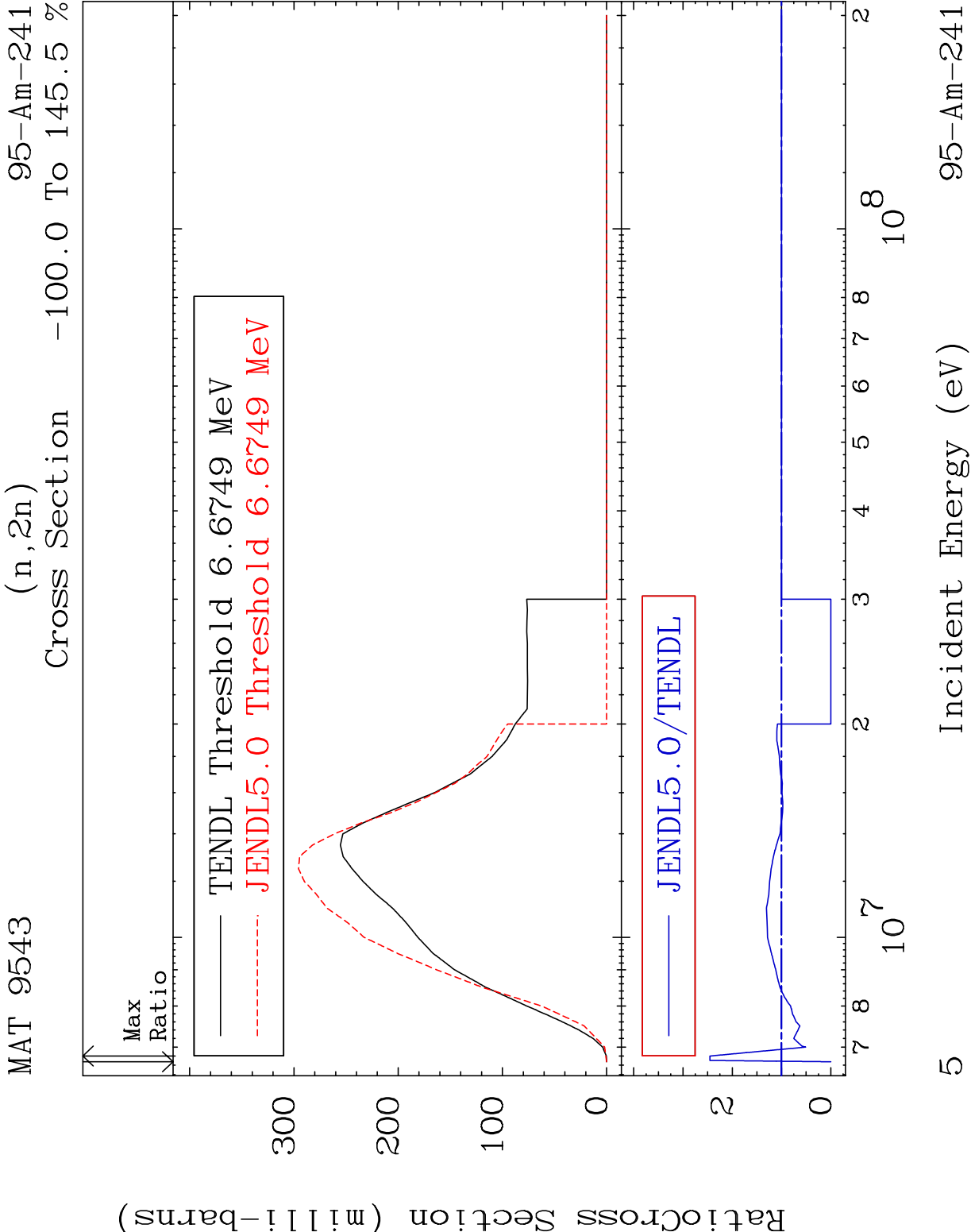
Press Mouse Button to Start

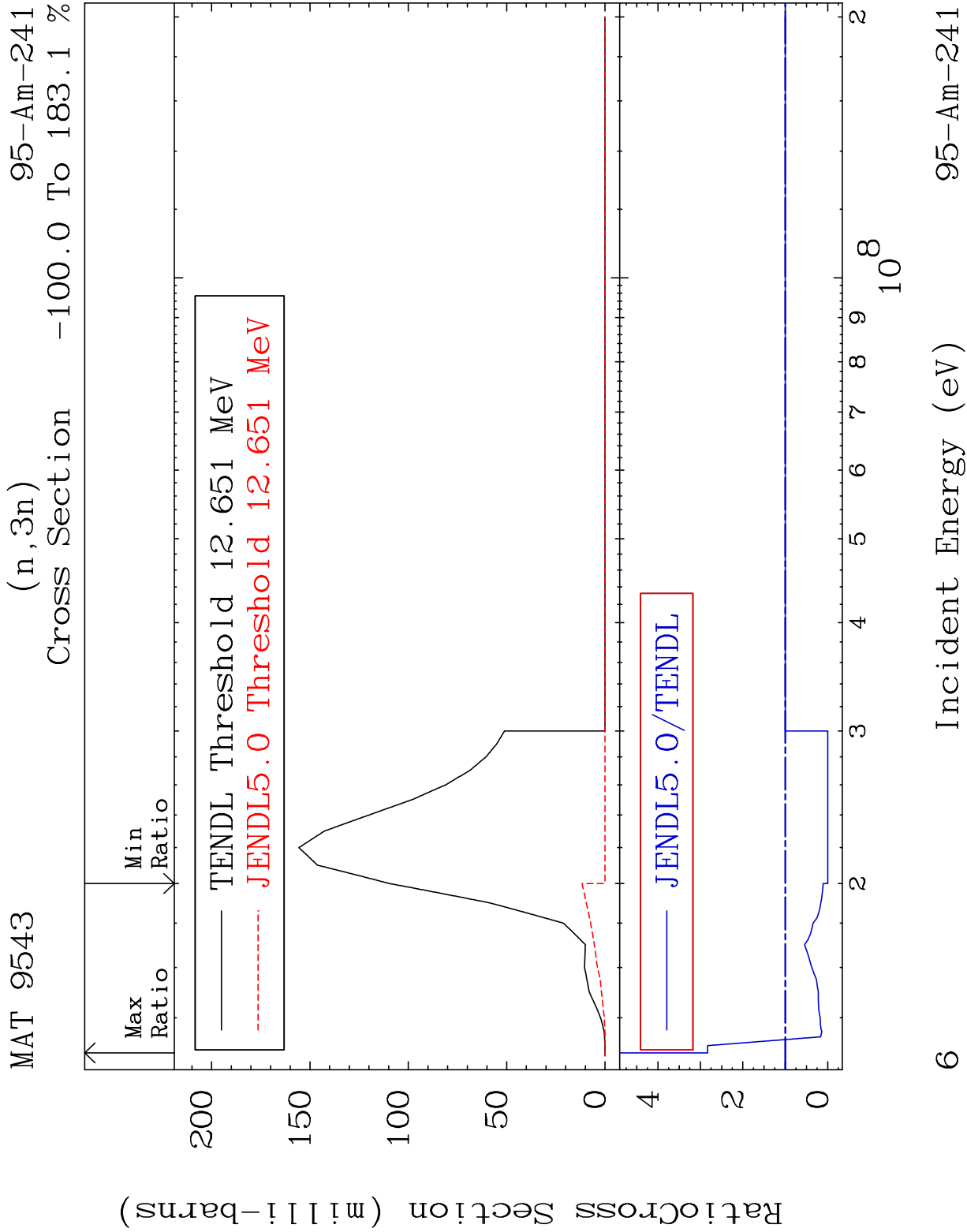


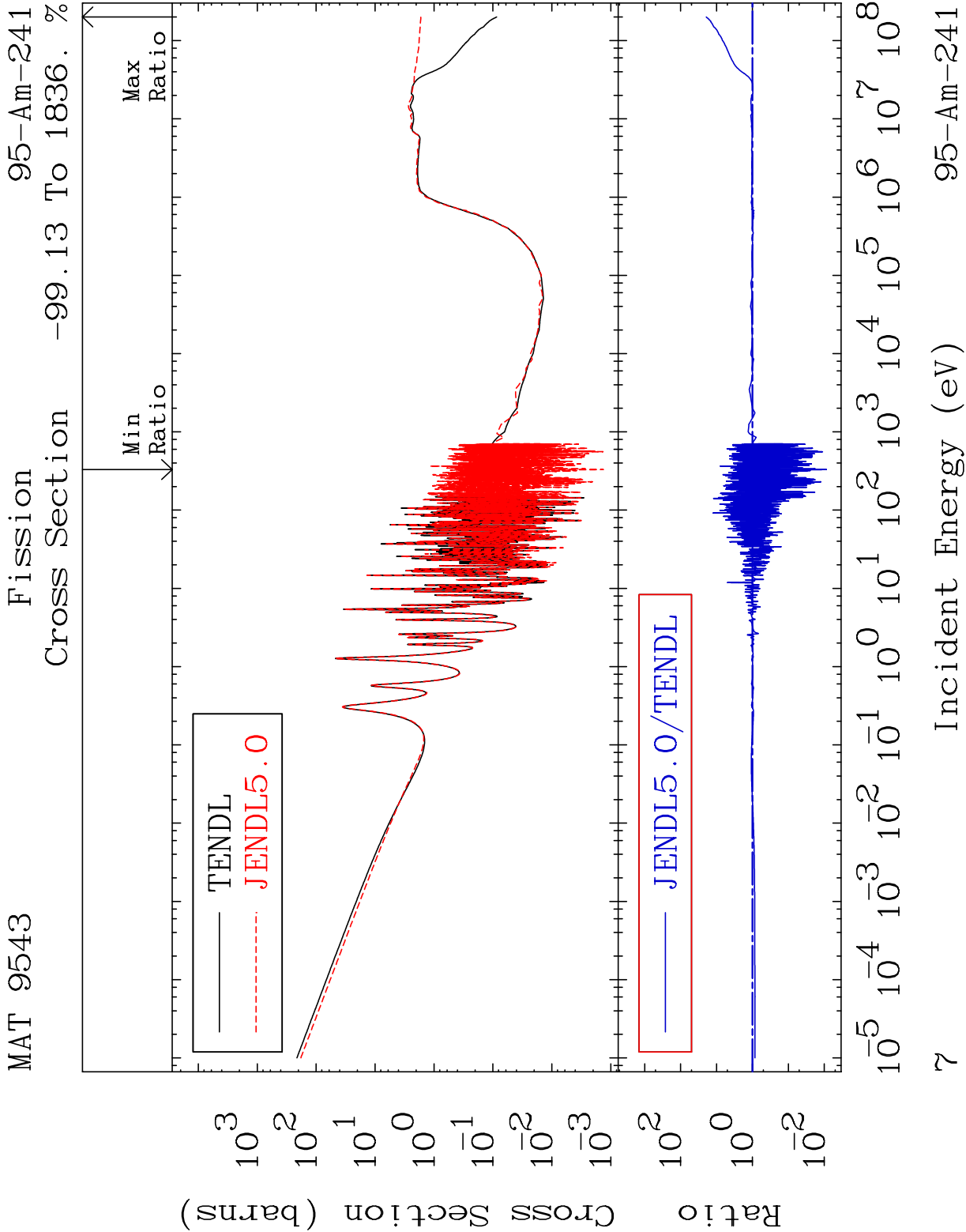




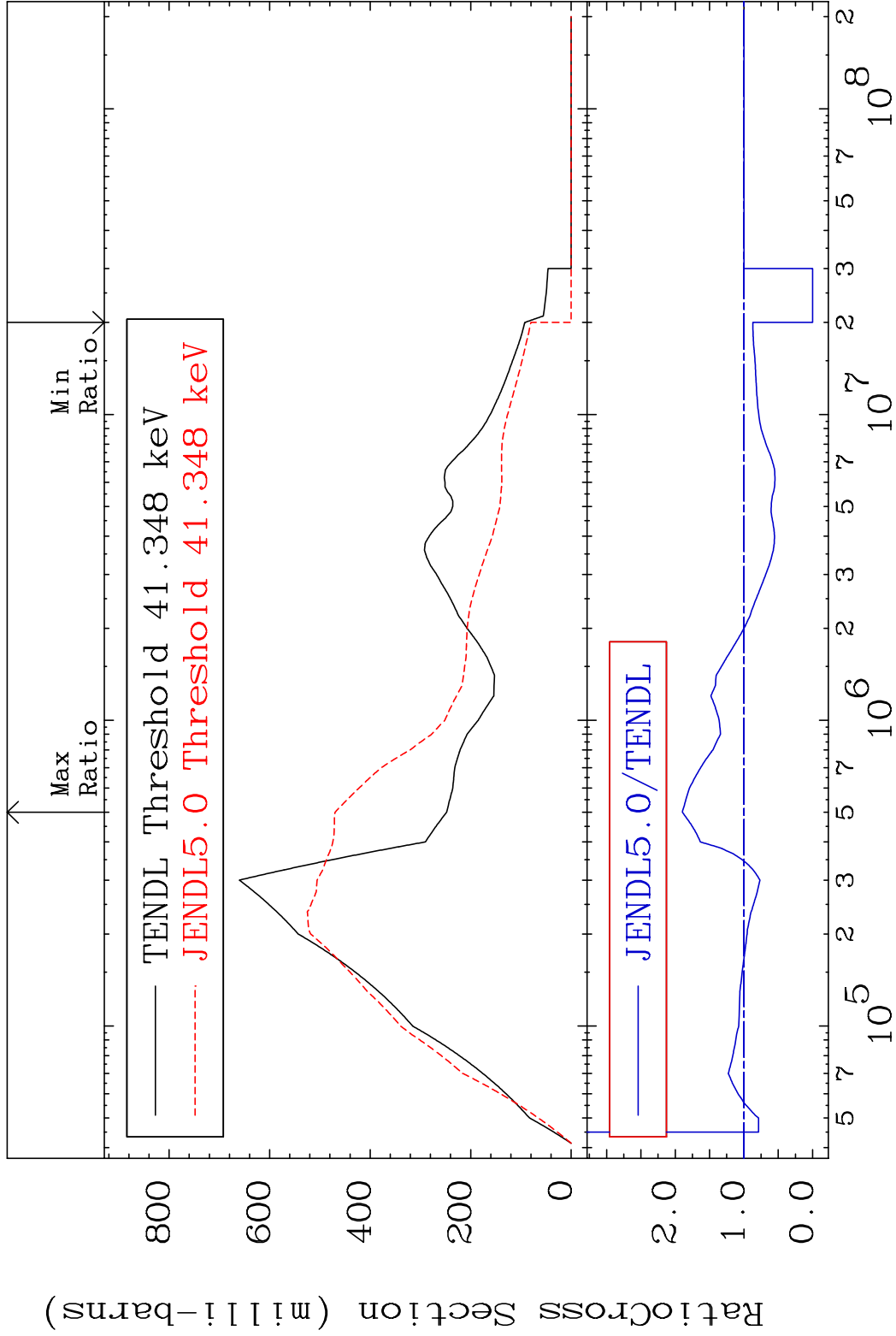


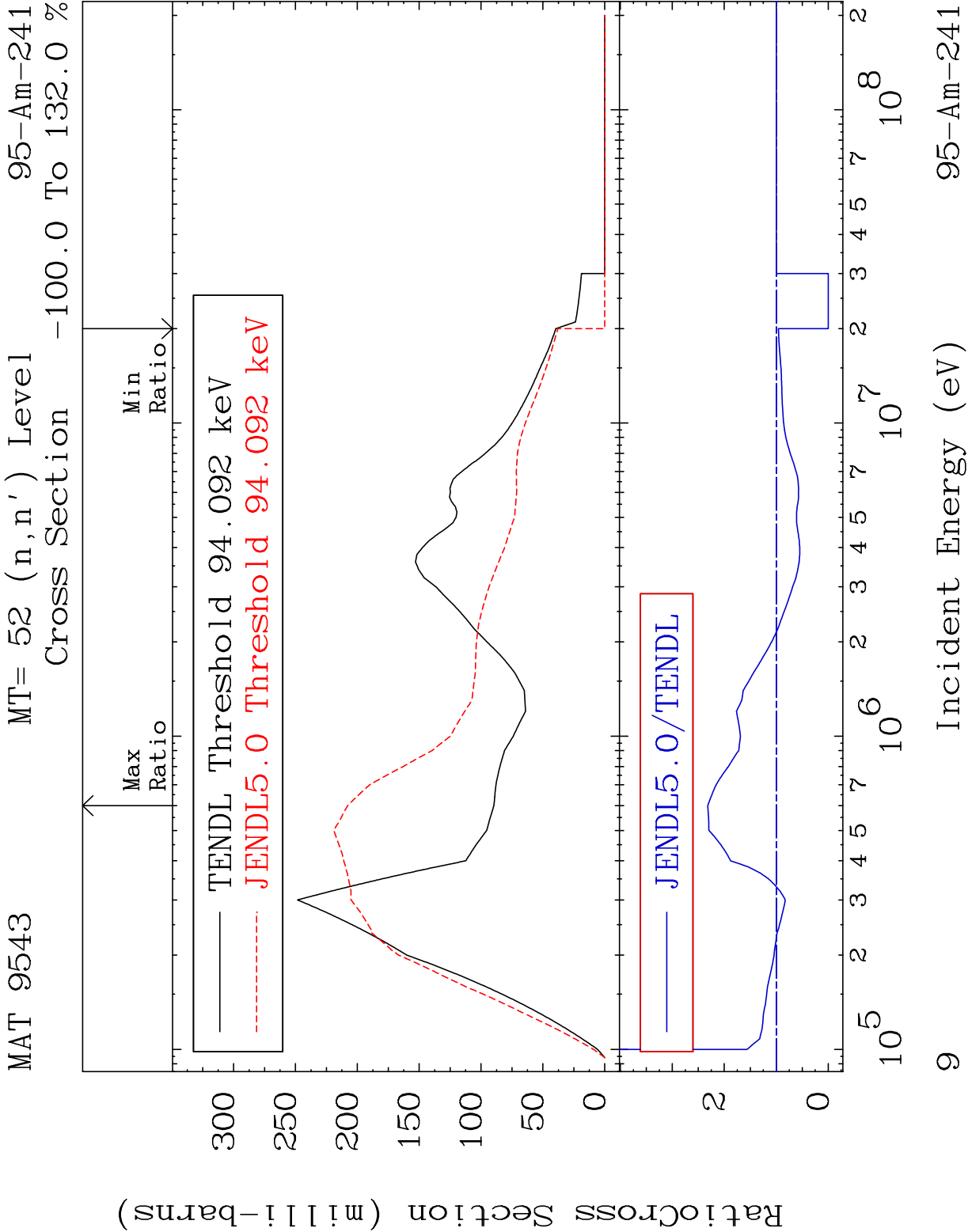


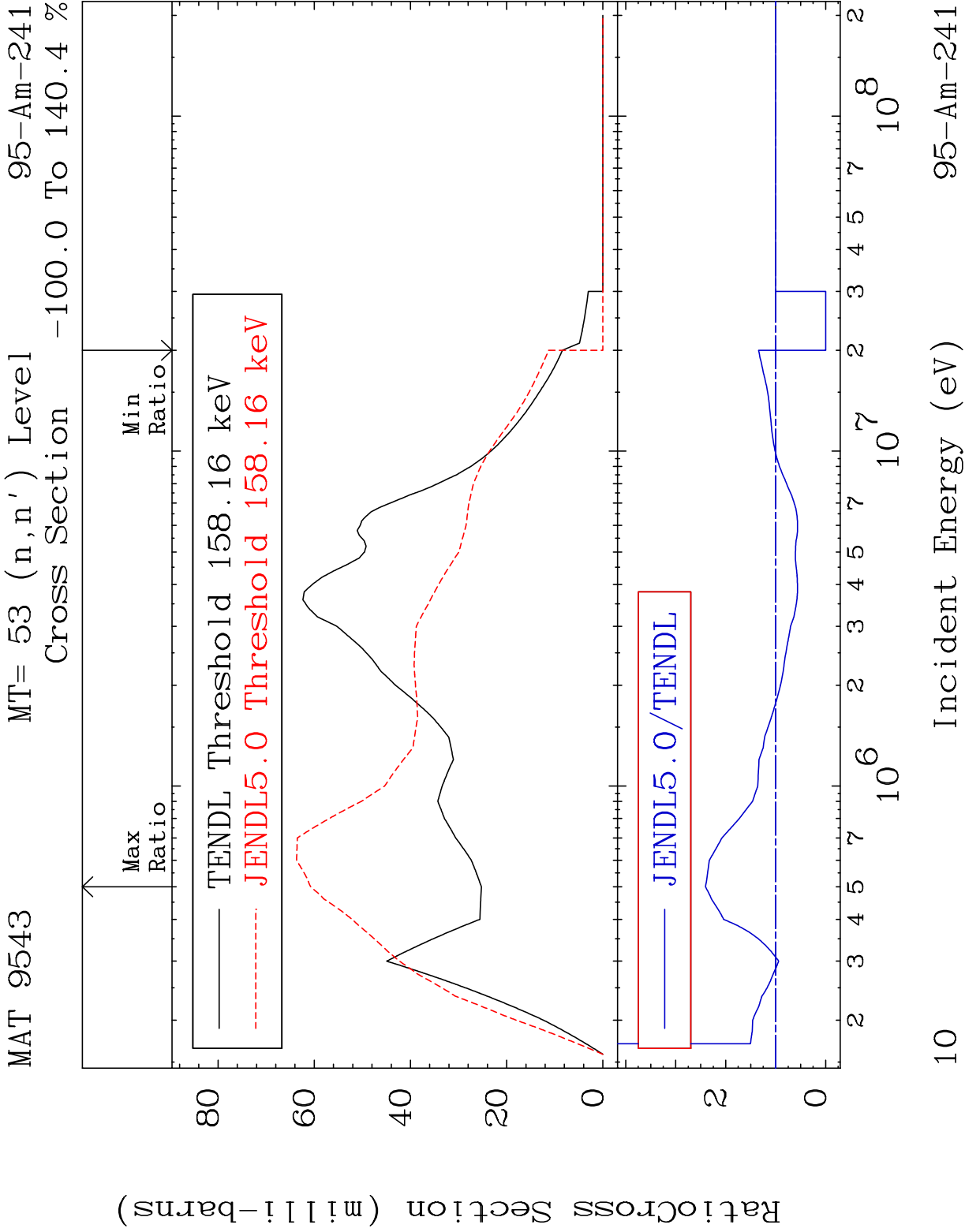




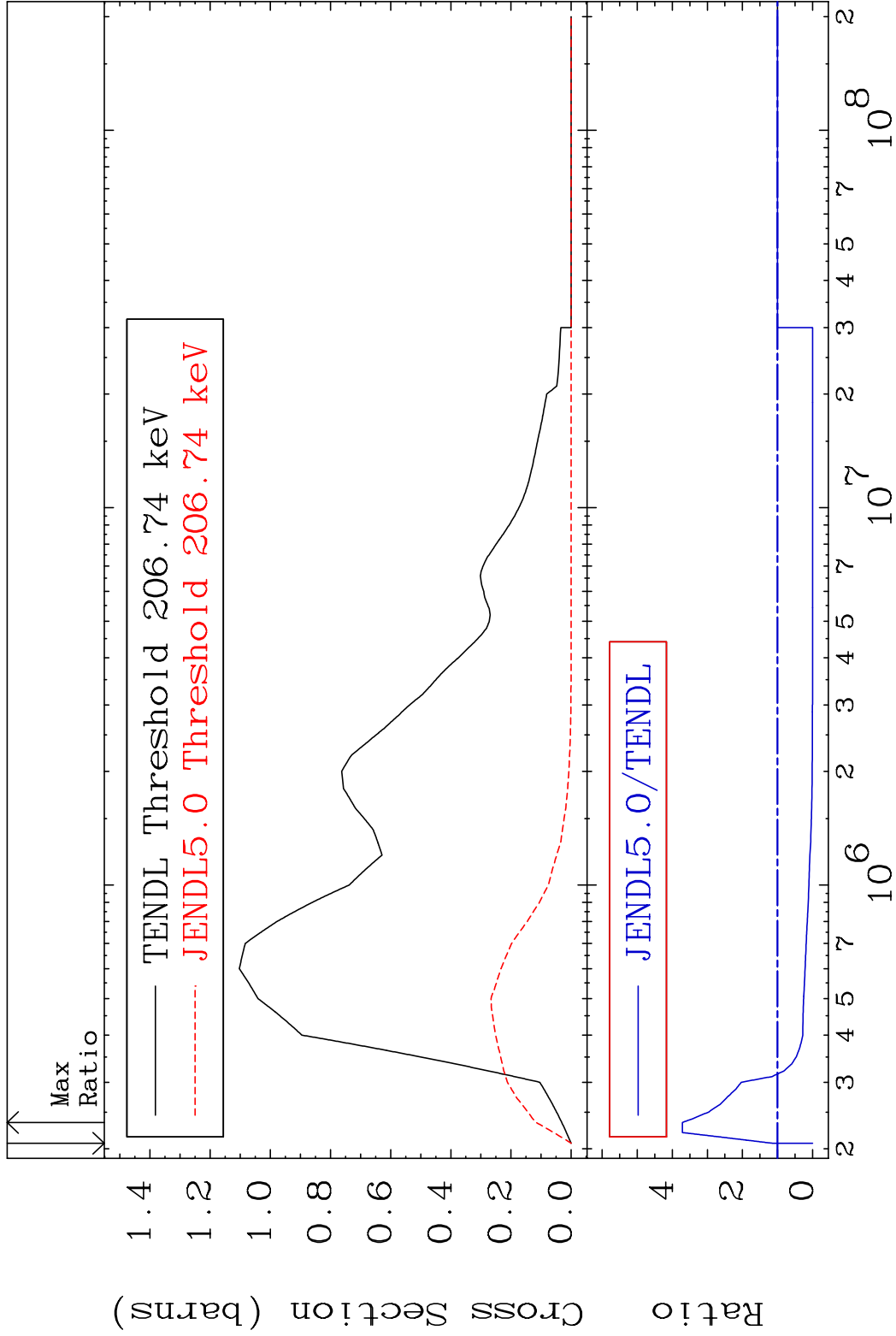
MAT 9543 MT= 51 (n,n') Level 95-Am-241
Cross Section -100.0 To 89.65 %



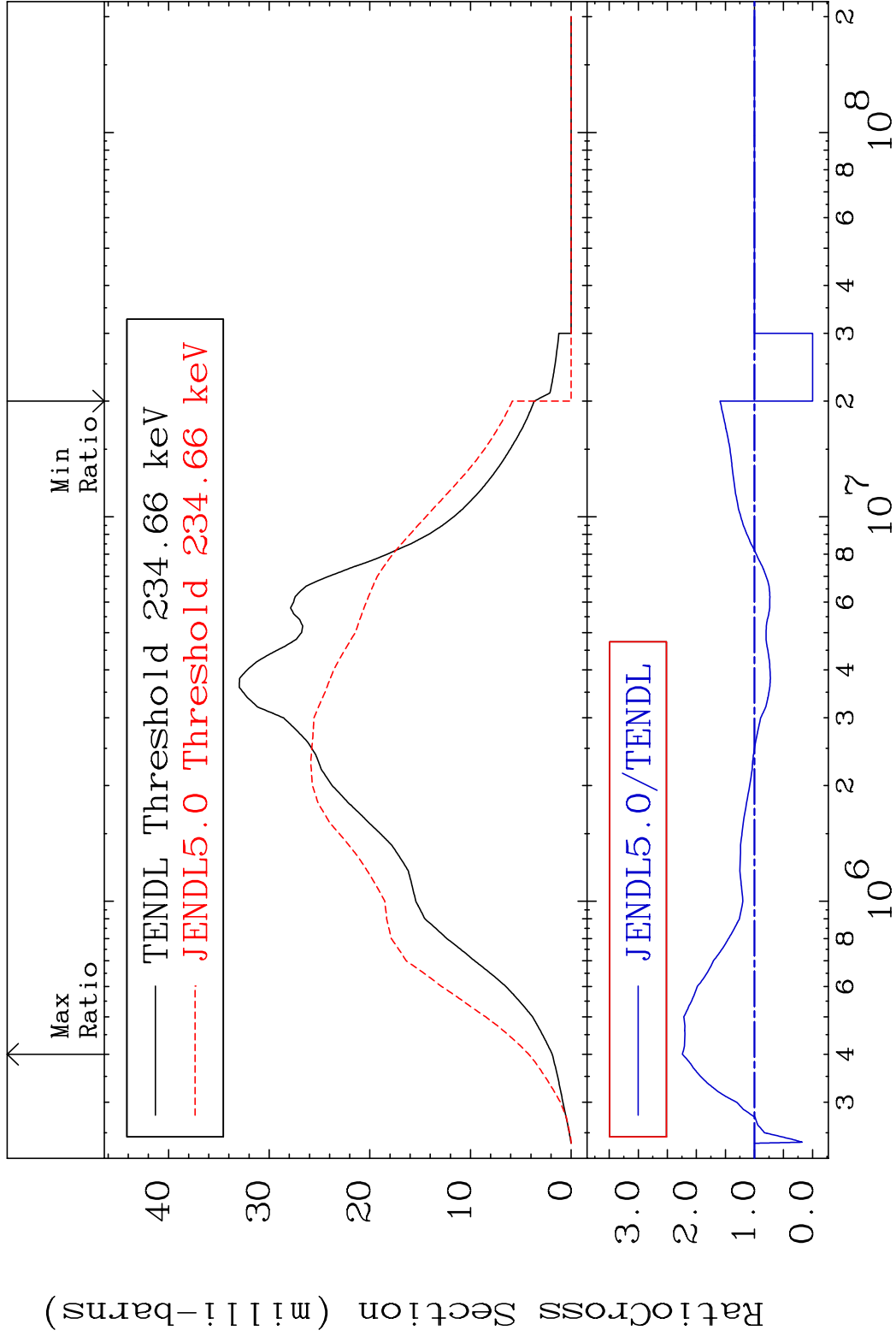




MAT 9543 MT= 54 (n,n') Level 95-Am-241
Cross Section -100.0 To 271.4 %

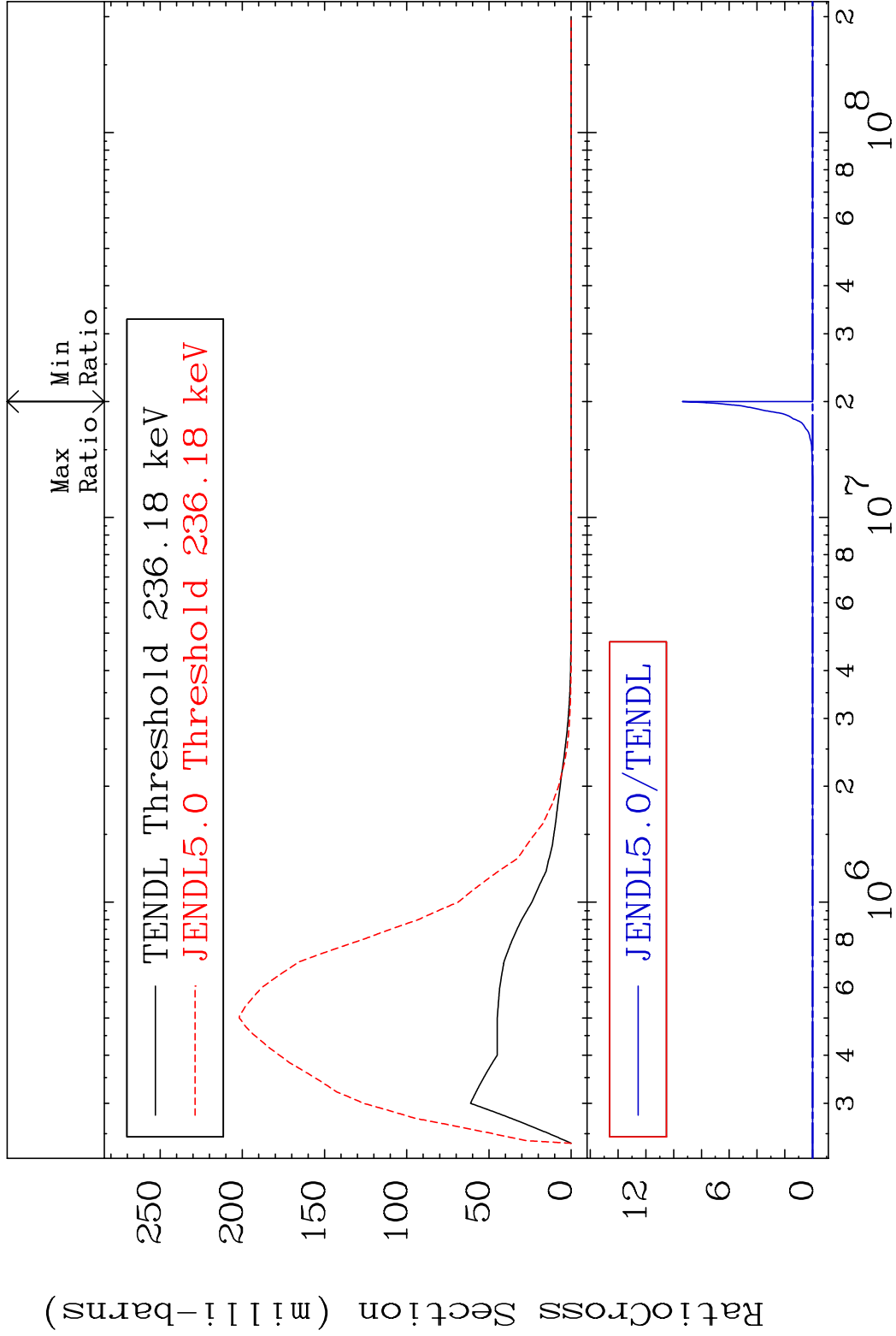


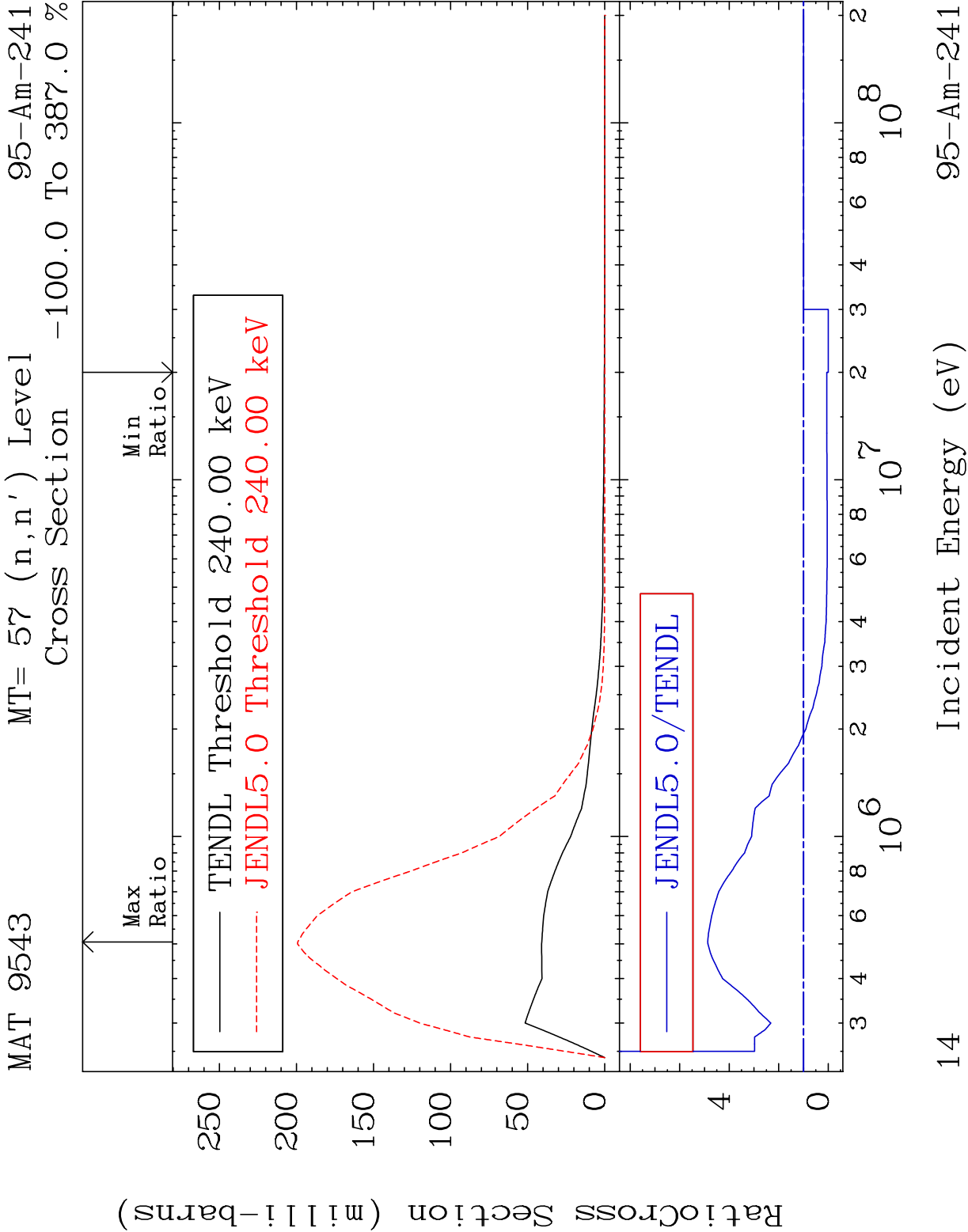
MAT 9543 MT= 55 (n,n') Level 95-Am-241
Cross Section -100.0 To 124.1 %

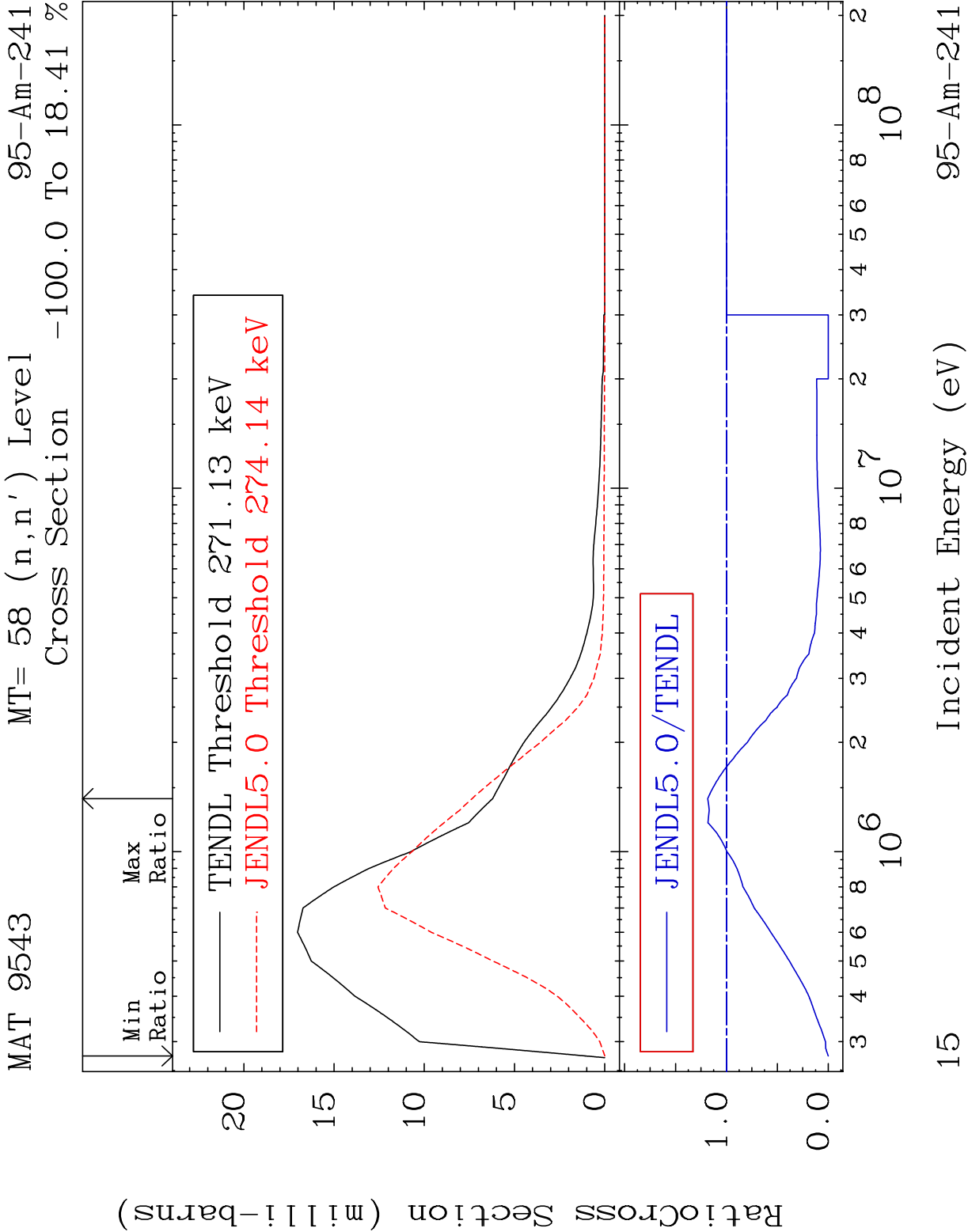


12 Incident Energy (eV) 95-Am-241

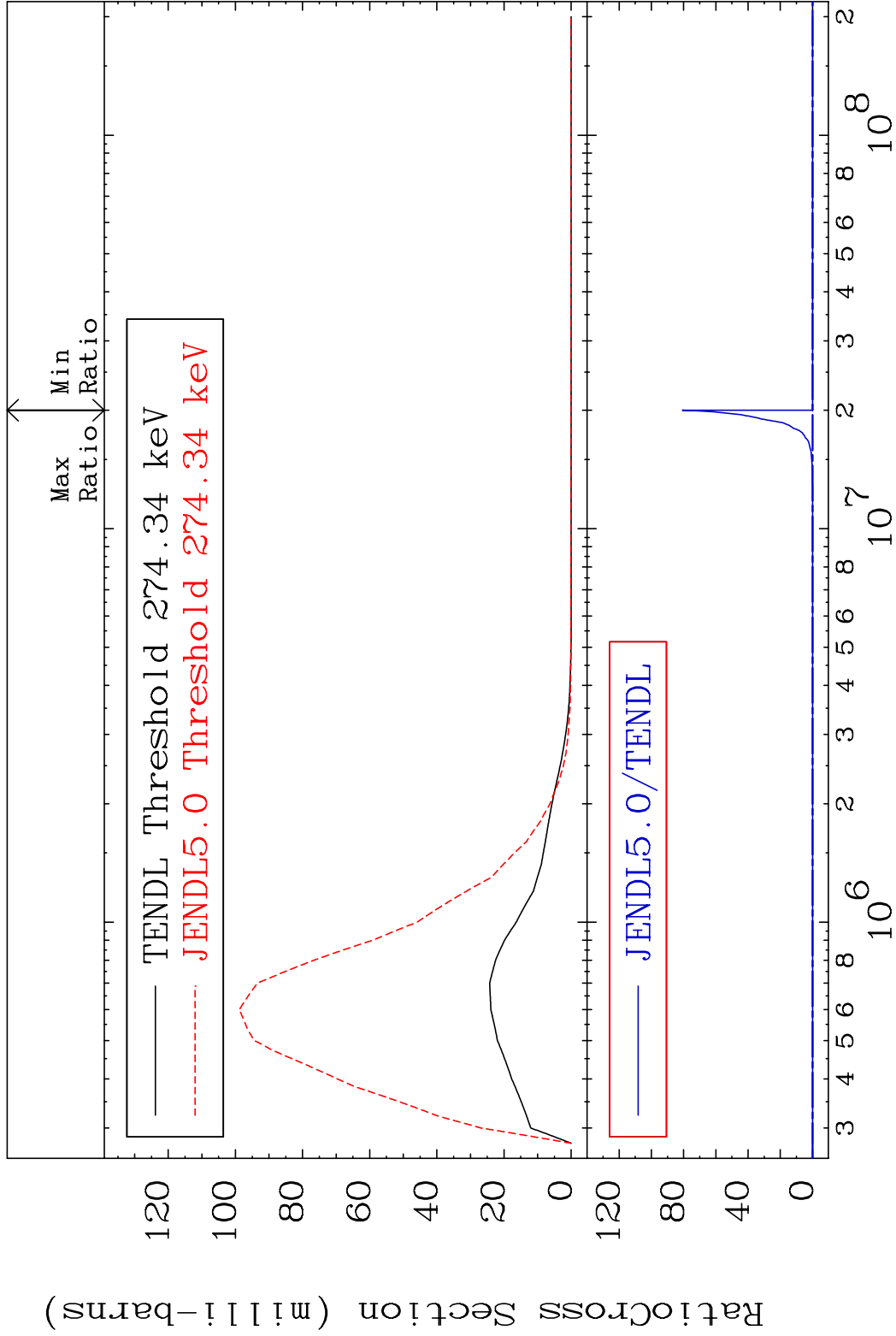
MAT 9543 MT= 56 (n,n') Level 95-Am-241
Cross Section -100.0 To 9999. %



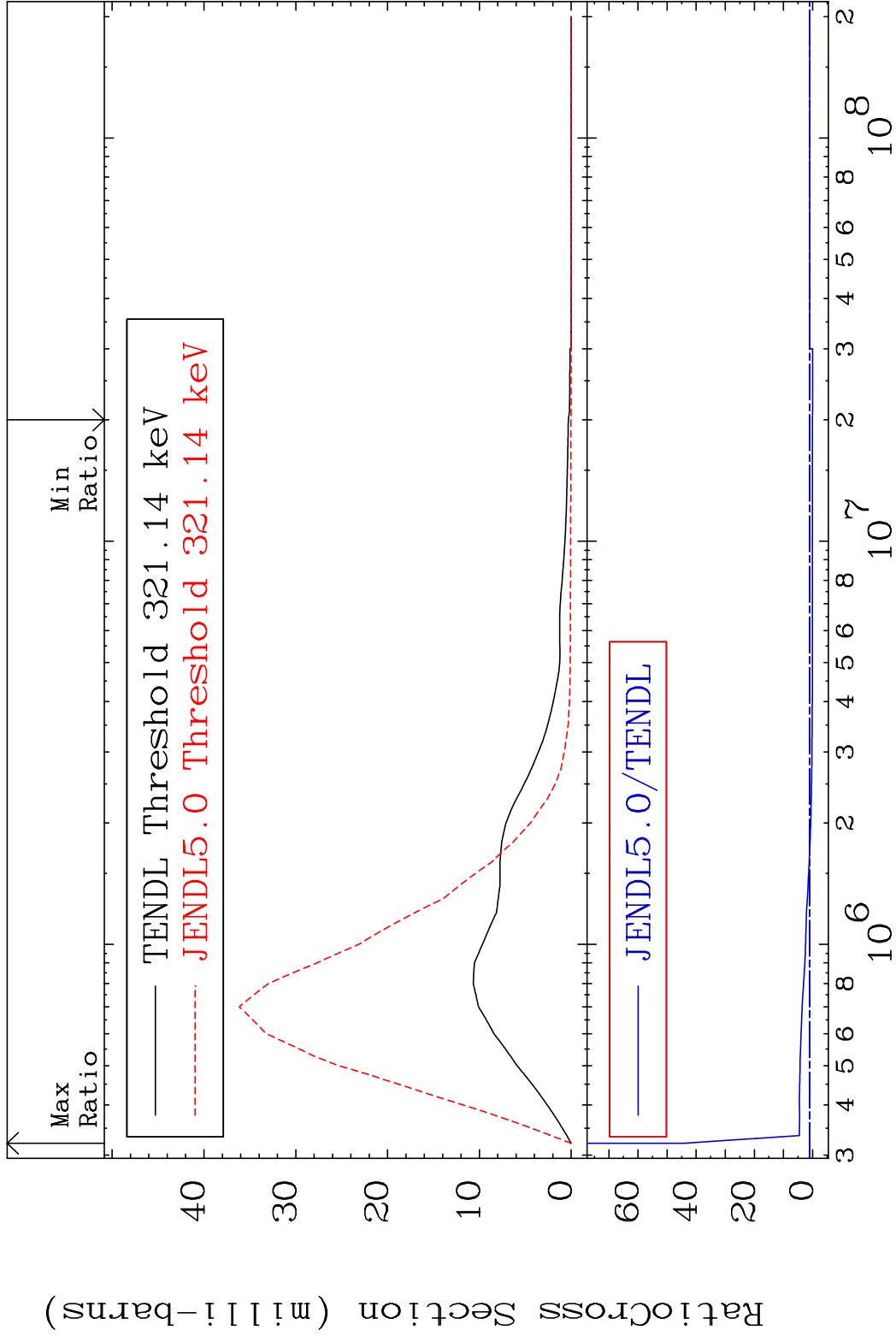


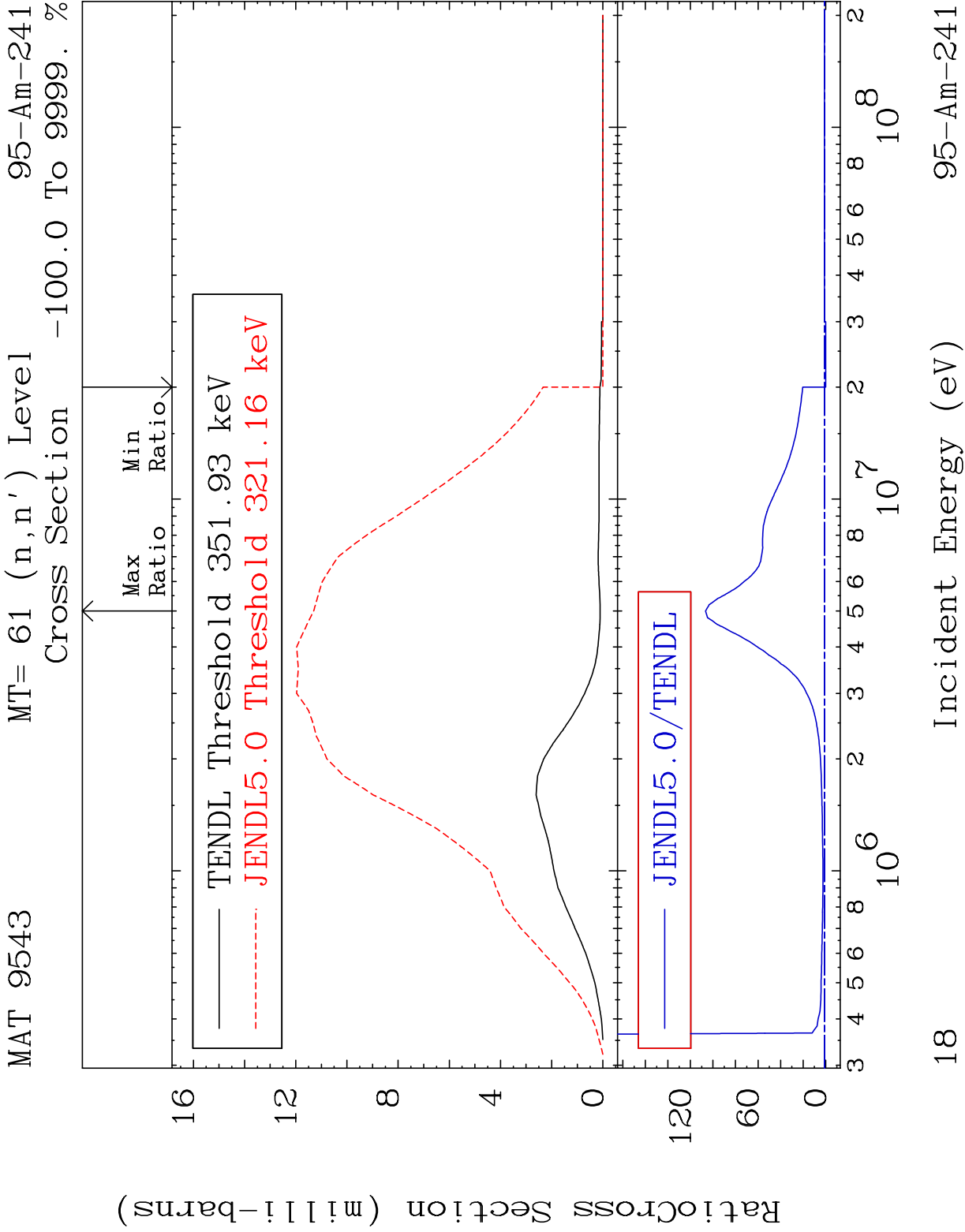


MAT 9543 MT= 59 (n,n') Level 95-Am-241
Cross Section -100.0 To 9999. %

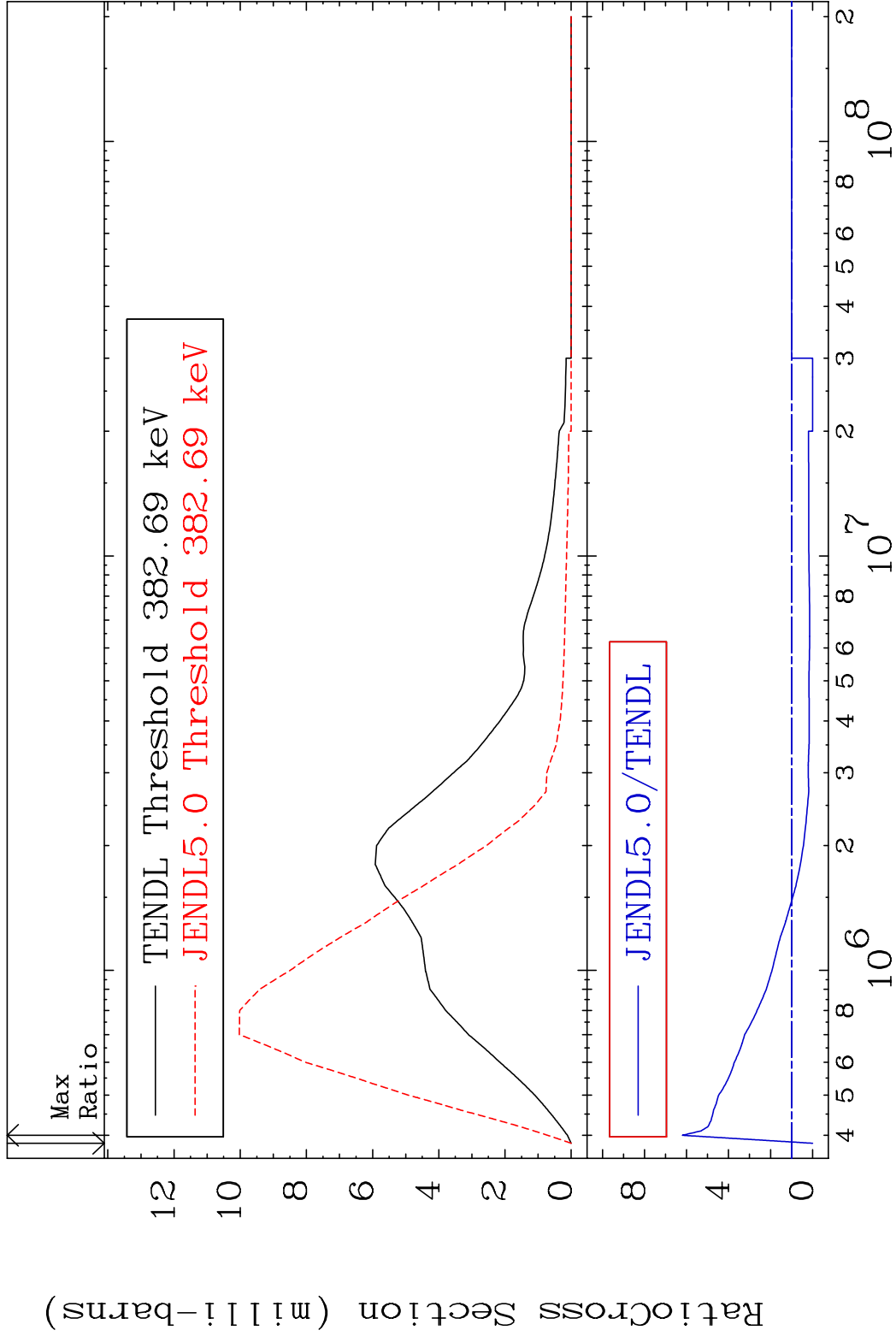


MAT 9543 MT= 60 (n,n') Level 95-Am-241
Cross Section -100.0 To 4374. %

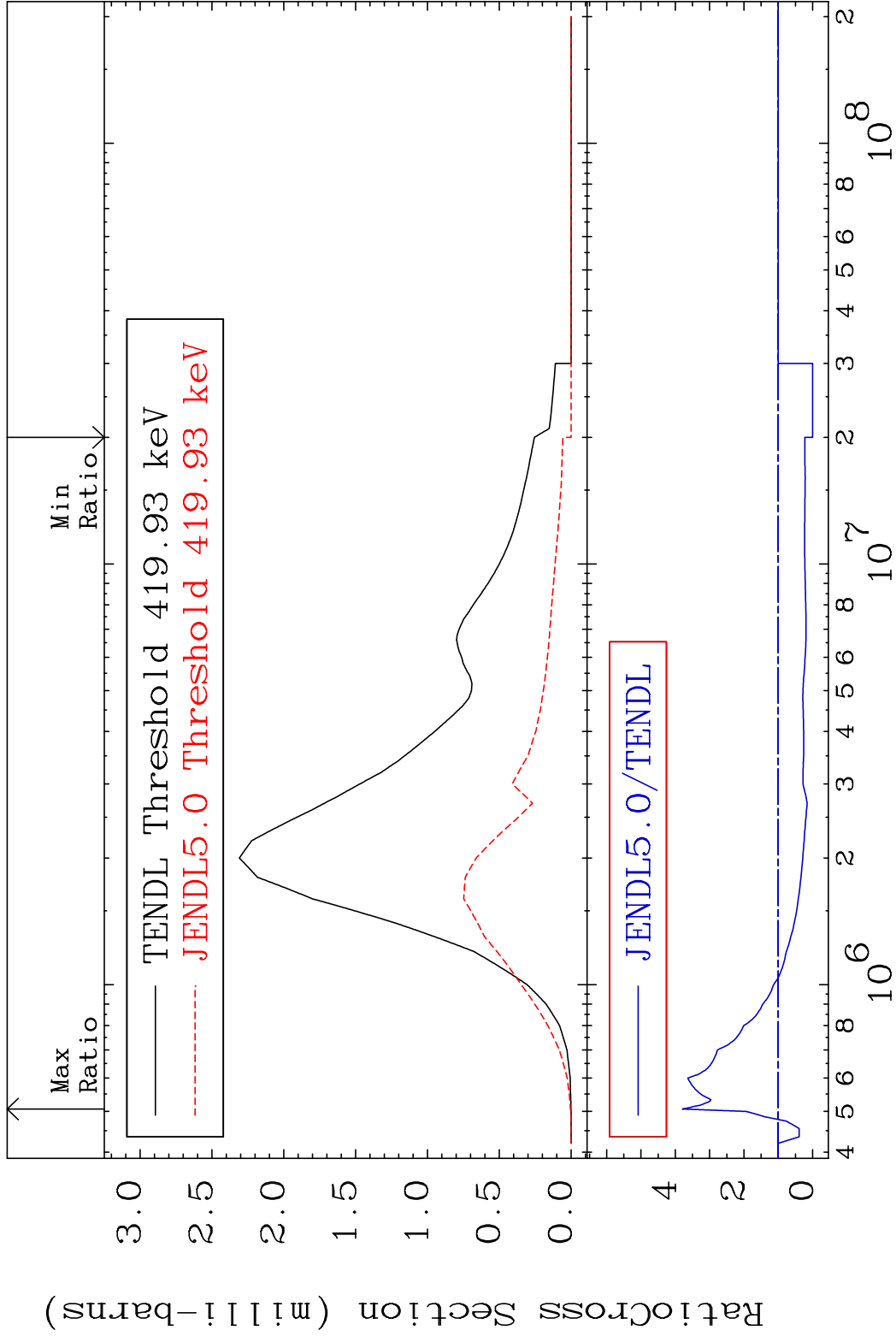




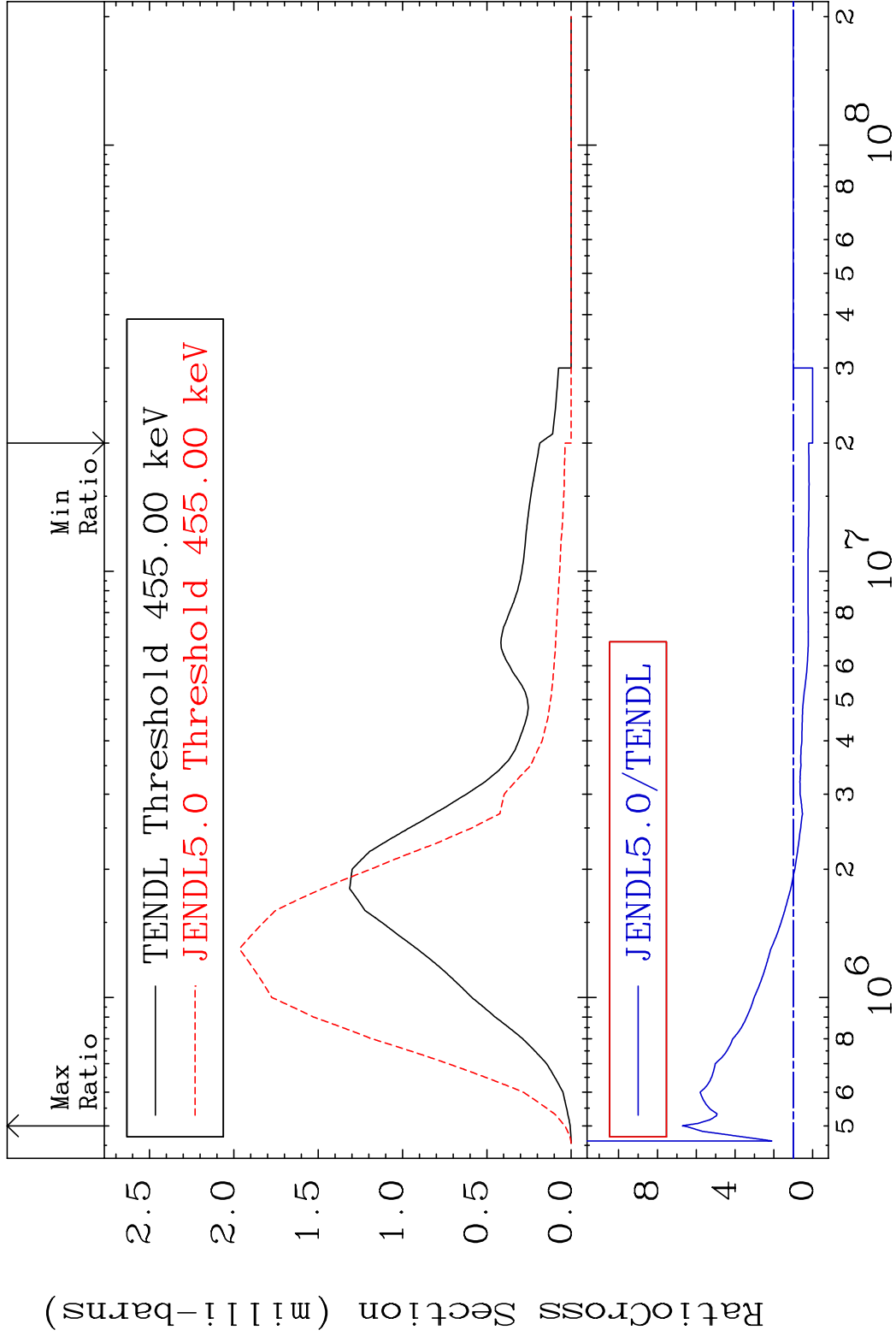
MAT 9543 MT= 62 (n,n') Level 95-Am-241
Cross Section -100.0 To 519.8 %



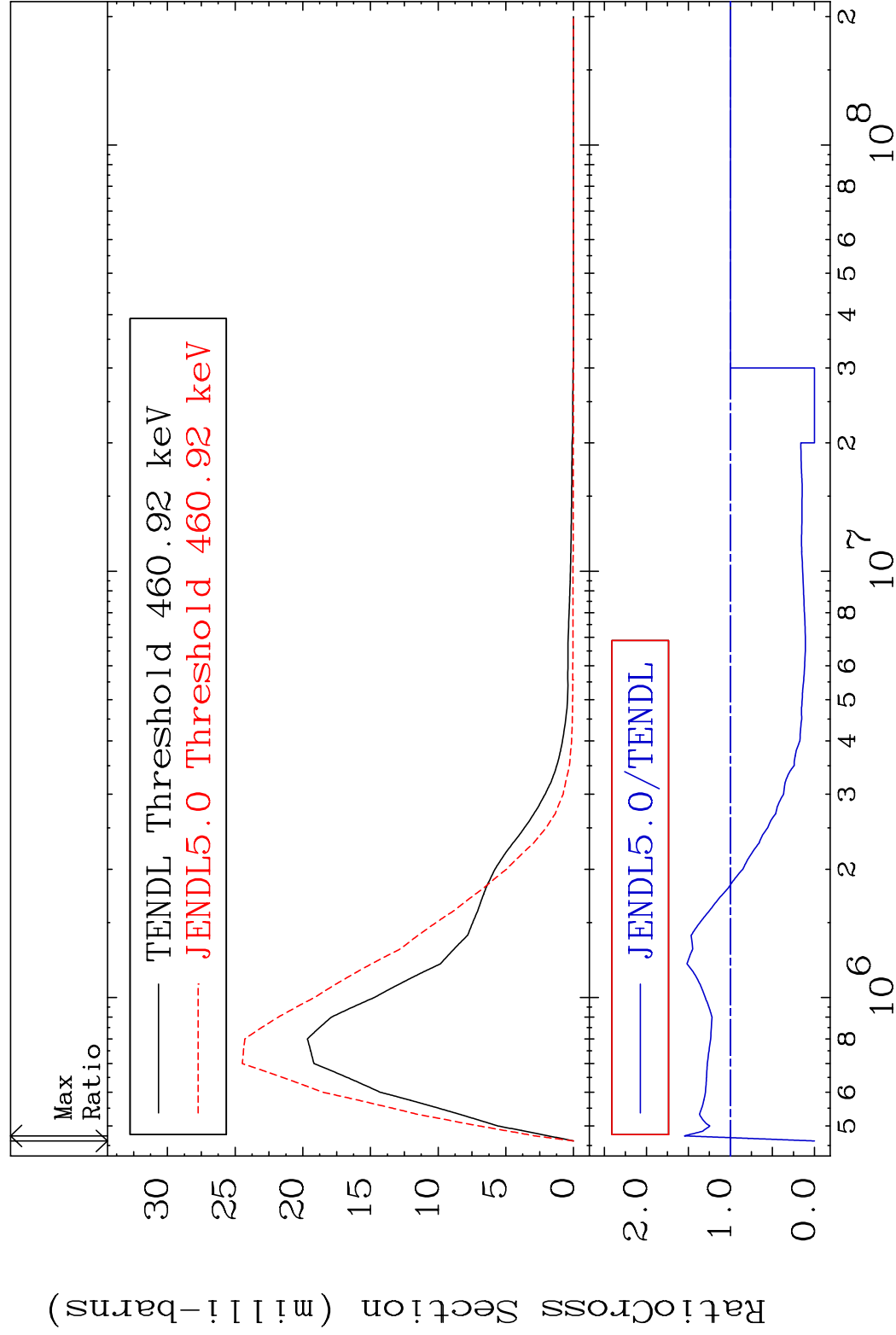
MAT 9543 MT= 63 (n,n') Level 95-Am-241
Cross Section -100.0 To 279.4 %



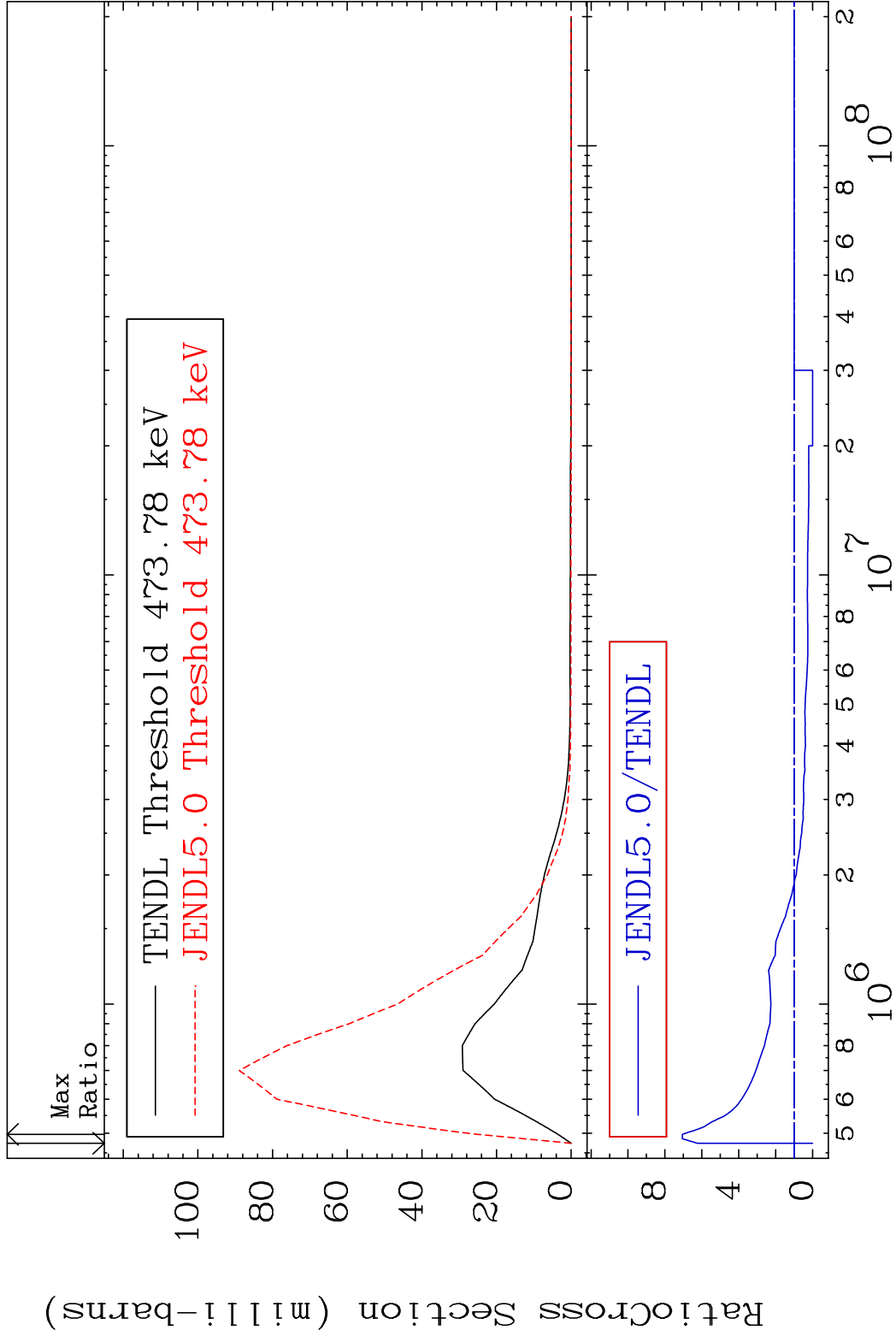
20 Incident Energy (eV) 95-Am-241

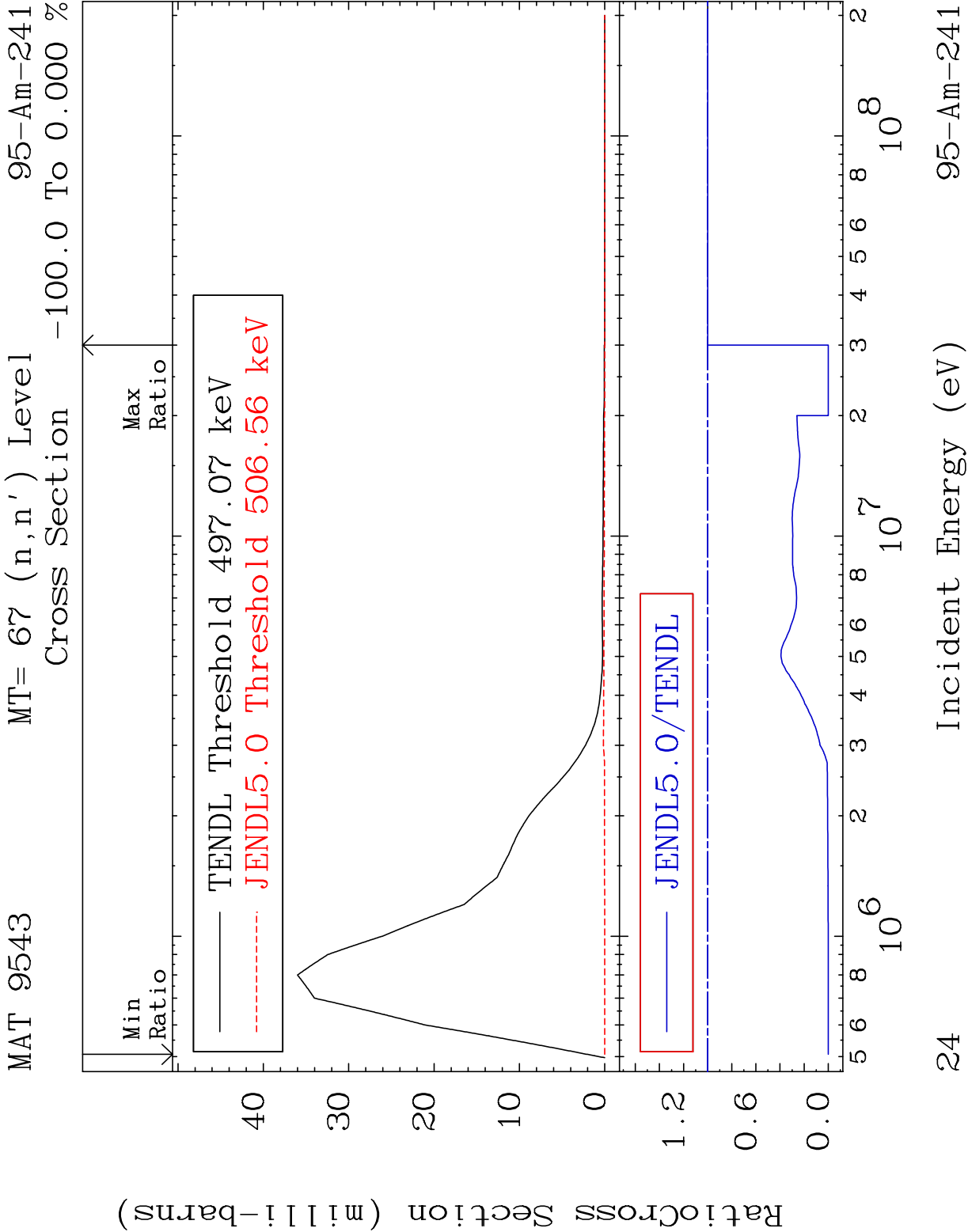


MAT 9543 MT= 65 (n,n') Level 95-Am-241
Cross Section -100.0 To 54.70 %

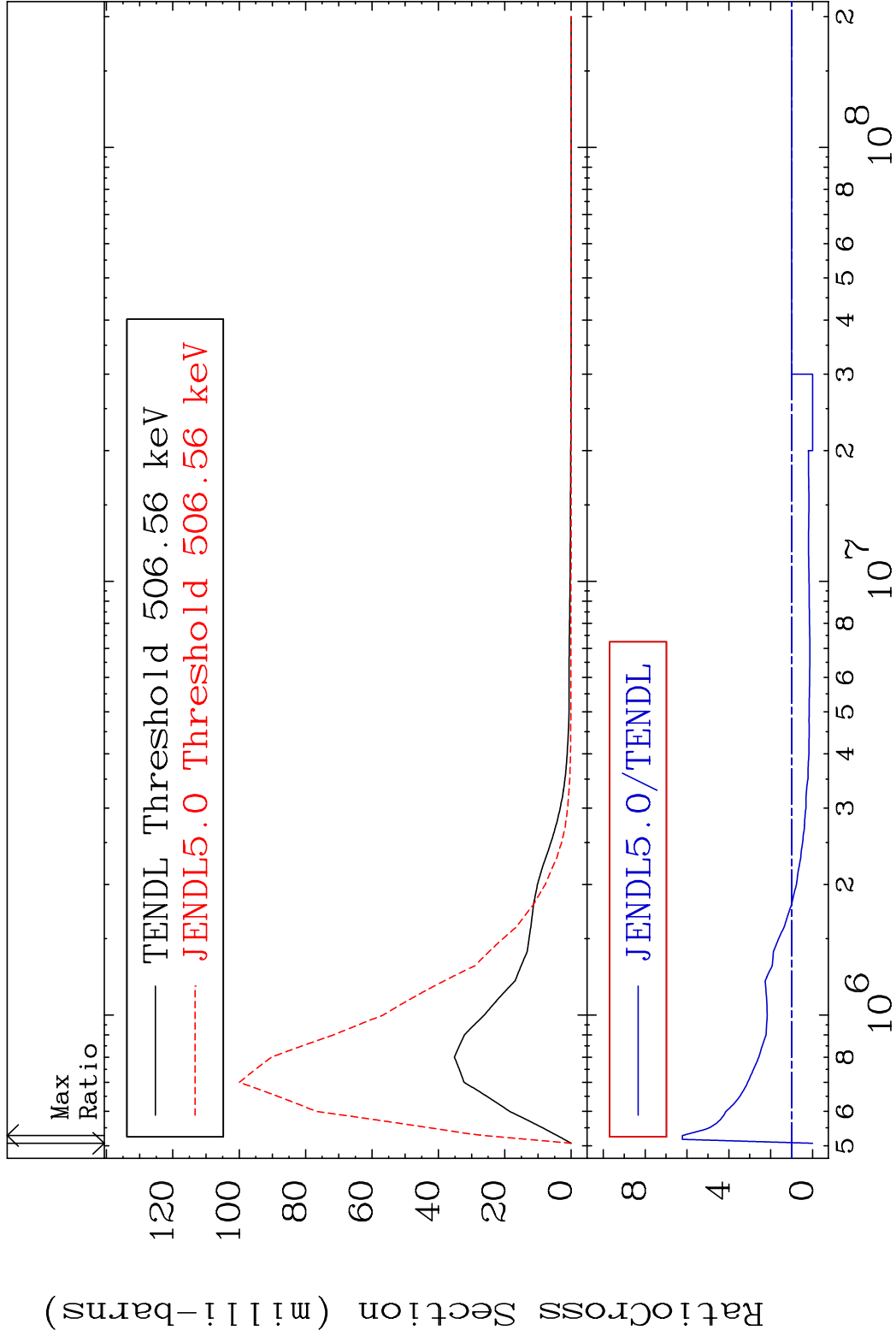


MAT 9543 MT= 66 (n,n') Level 95-Am-241
Cross Section -100.0 To 605.5 %

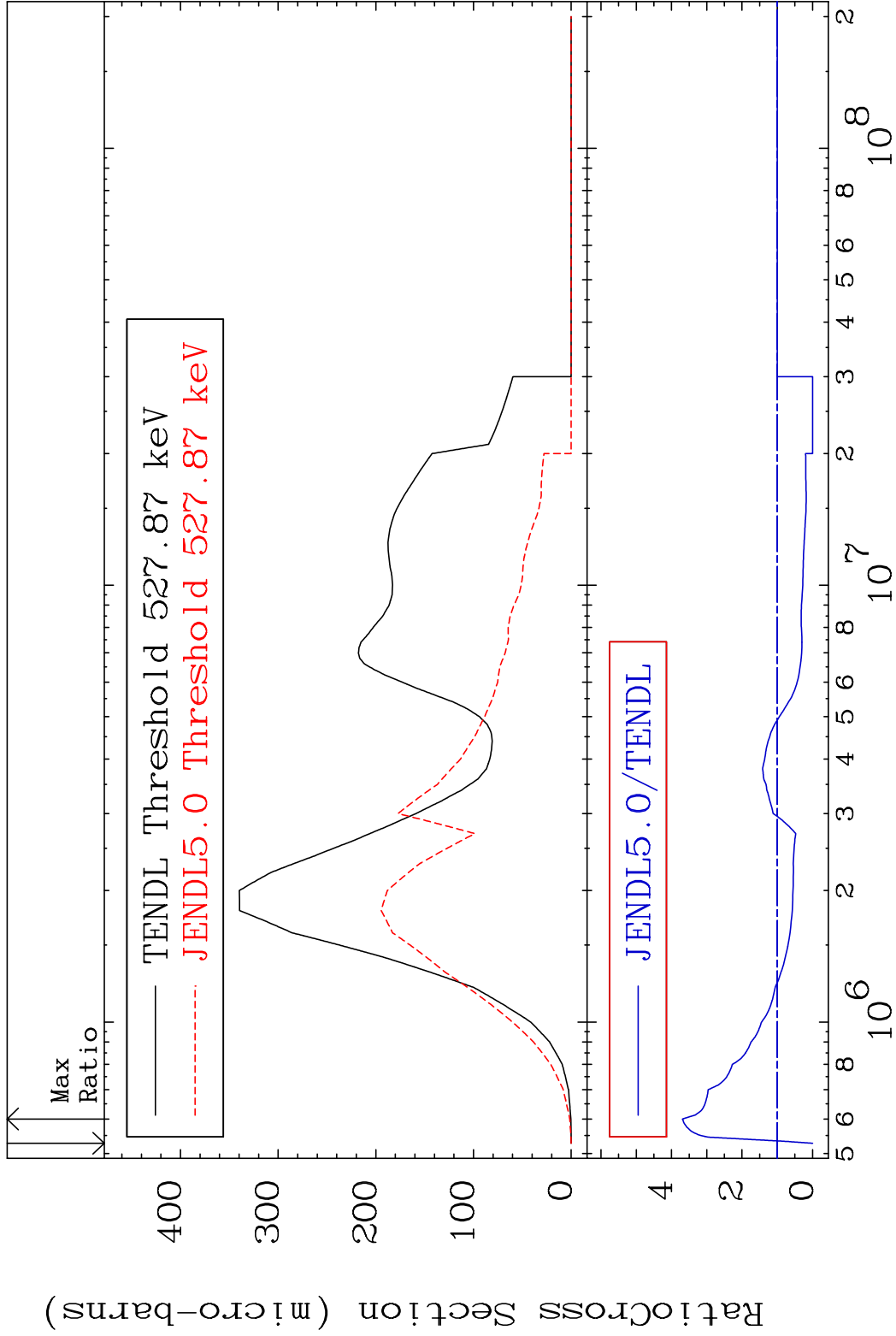


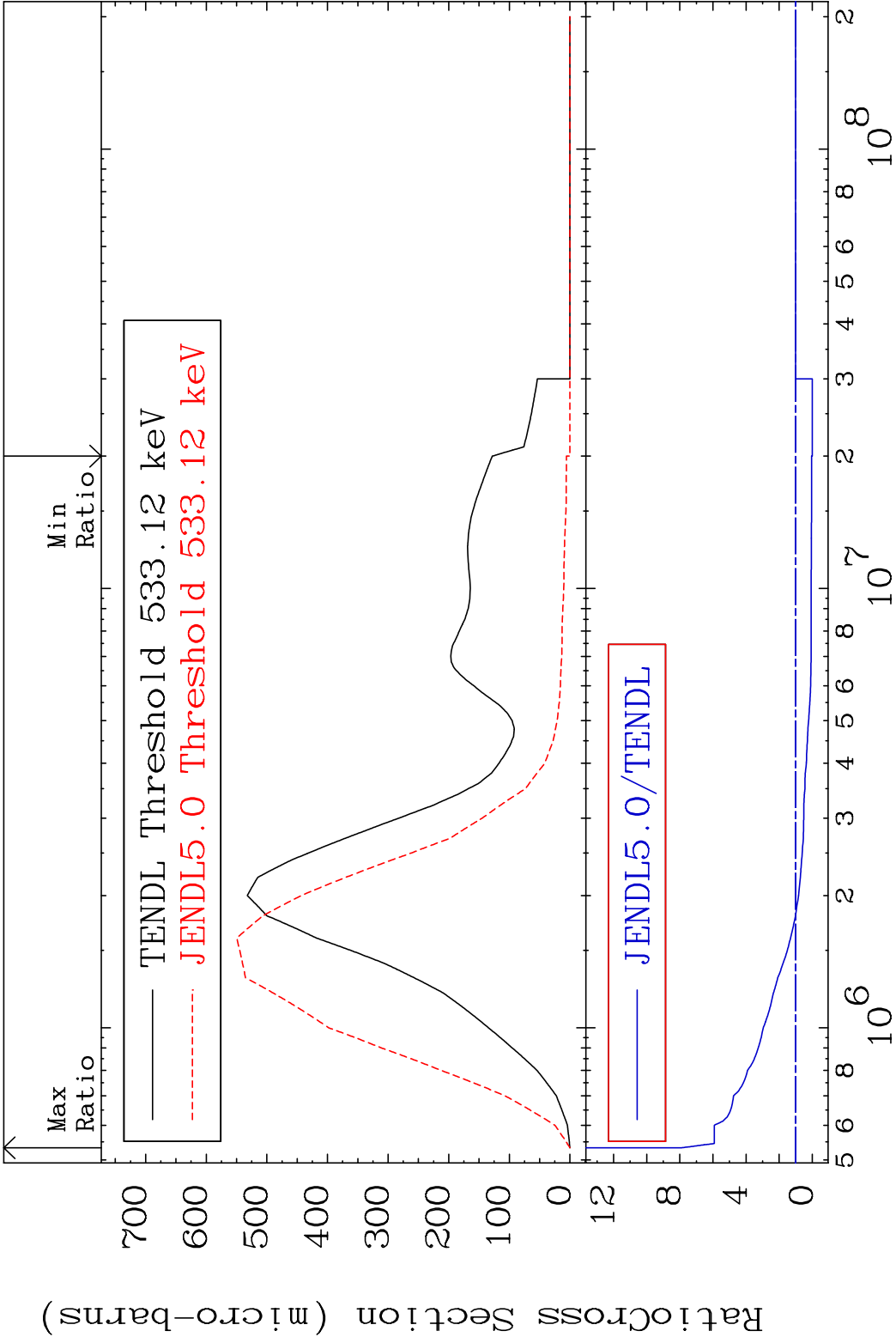


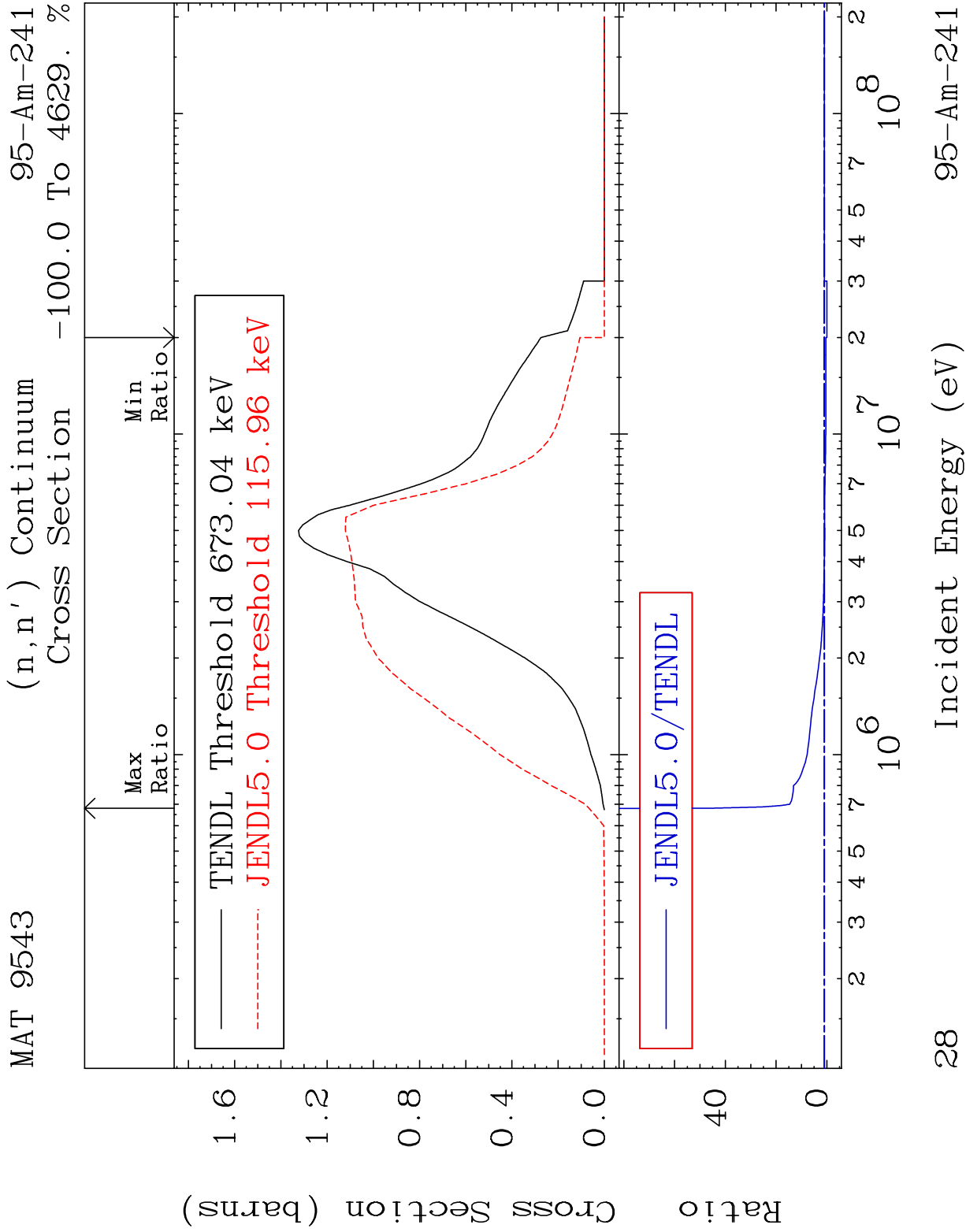
MAT 9543 MT= 68 (n,n') Level 95-Am-241
Cross Section -100.0 To 522.1 %

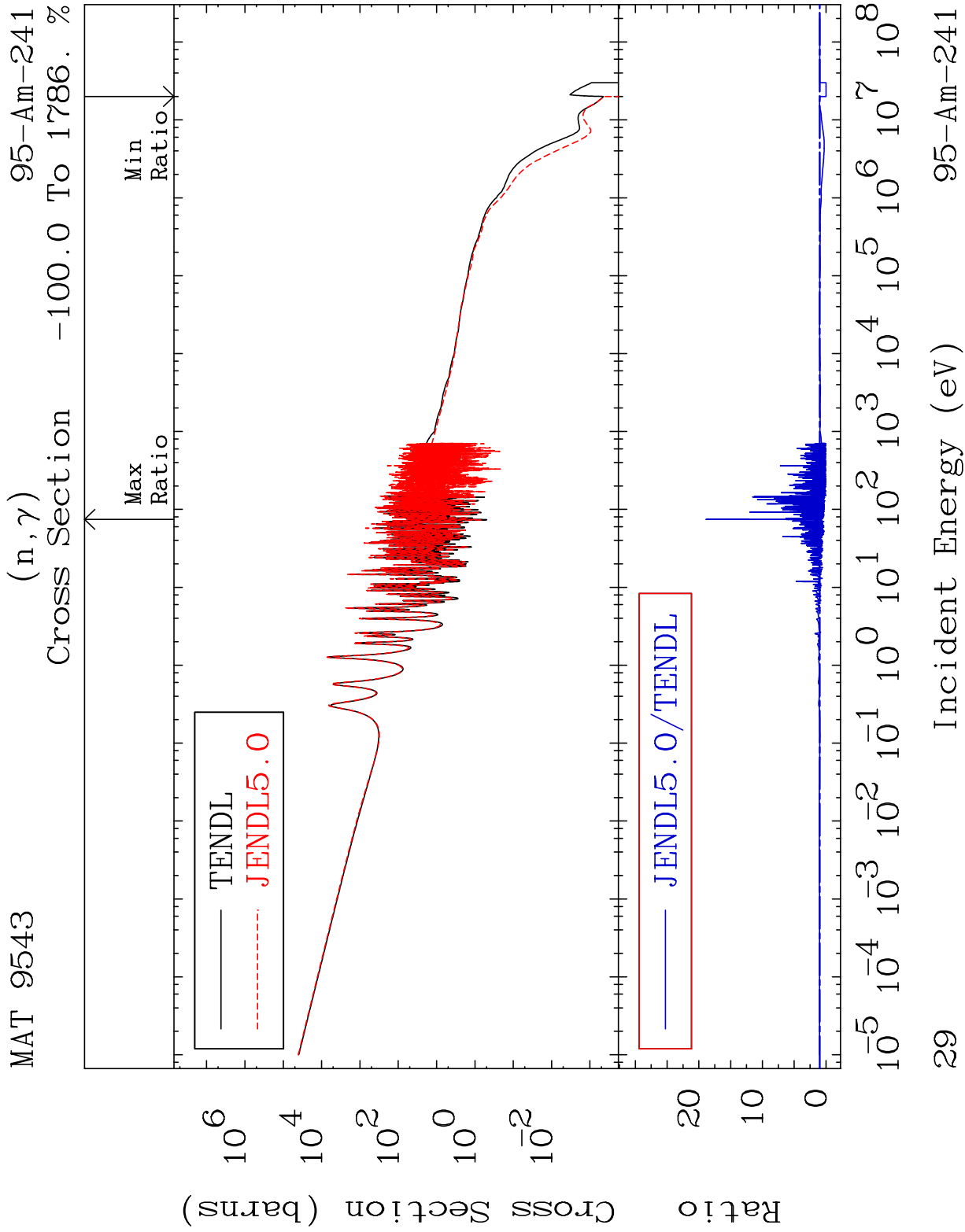


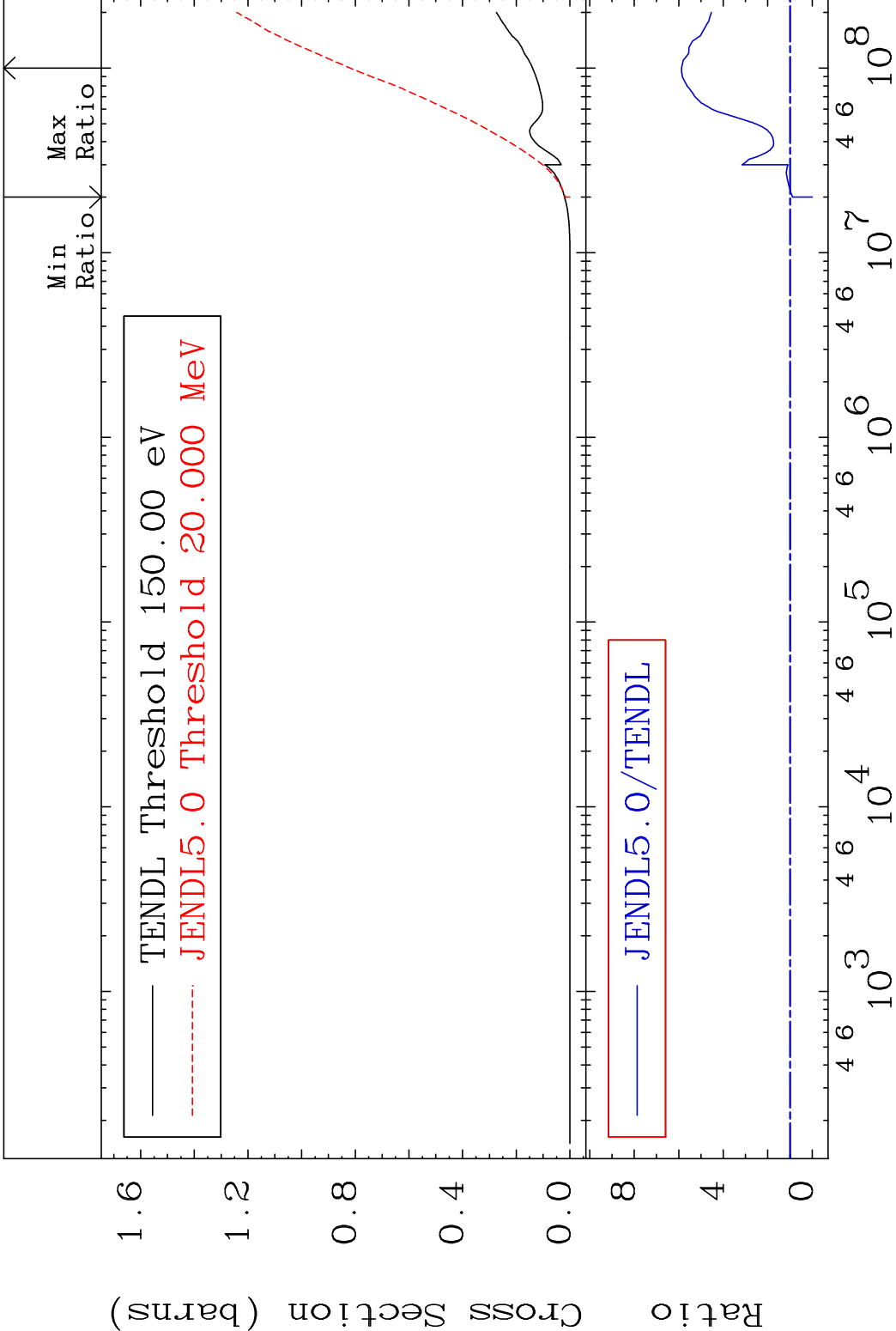
MAT 9543 MT= 69 (n,n') Level 95-Am-241
Cross Section -100.0 To 269.2 %









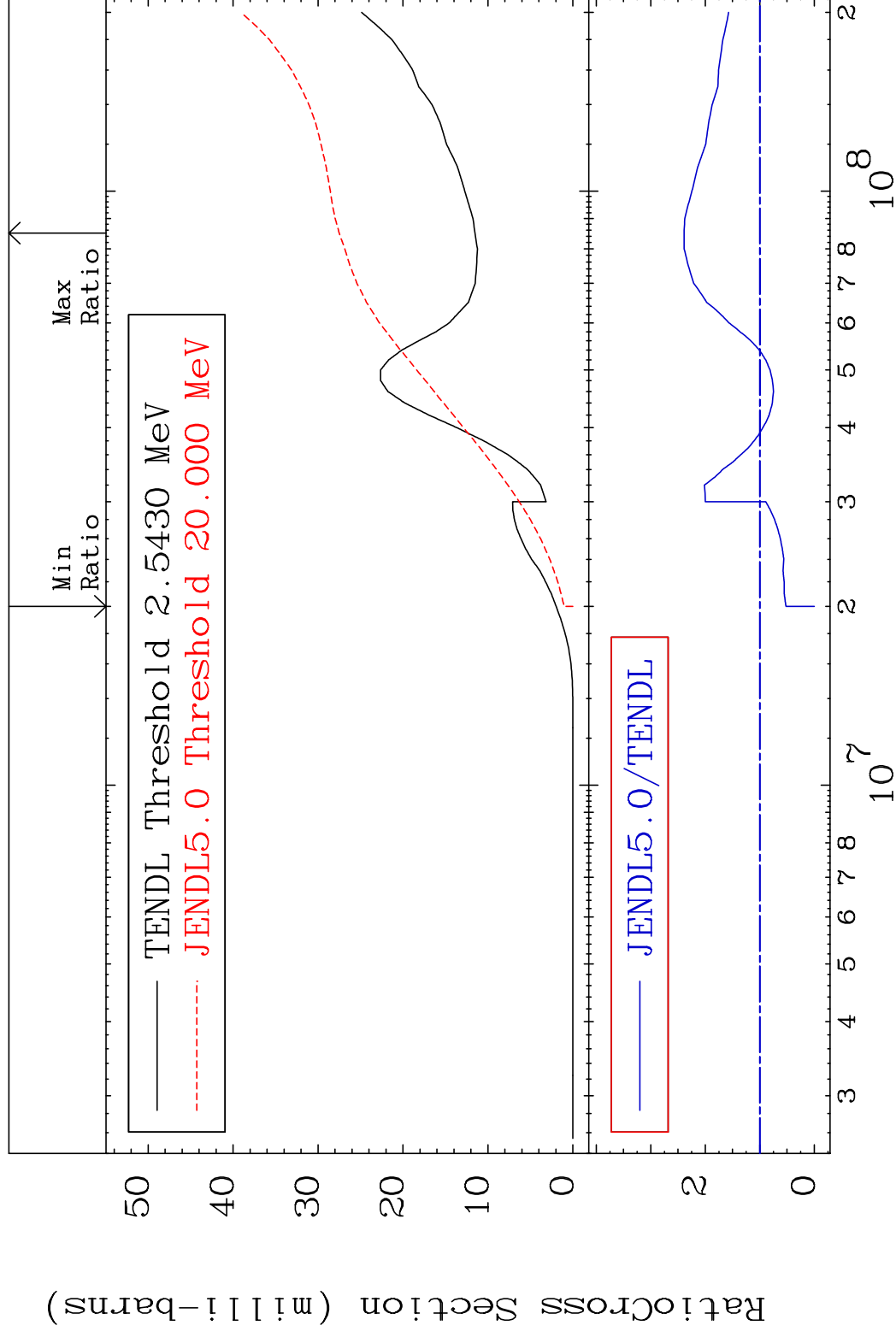


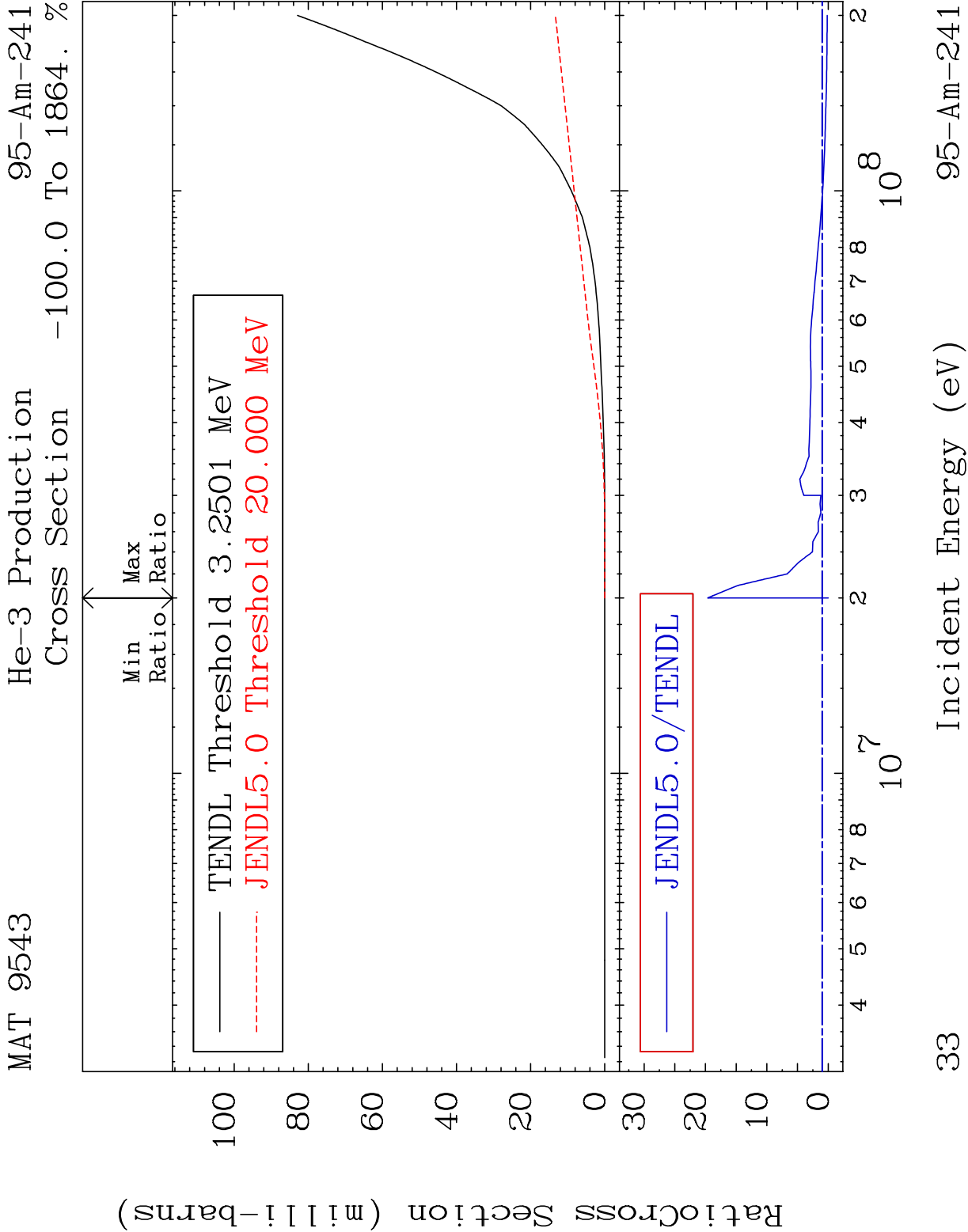
MAT 9543

Tritium Production

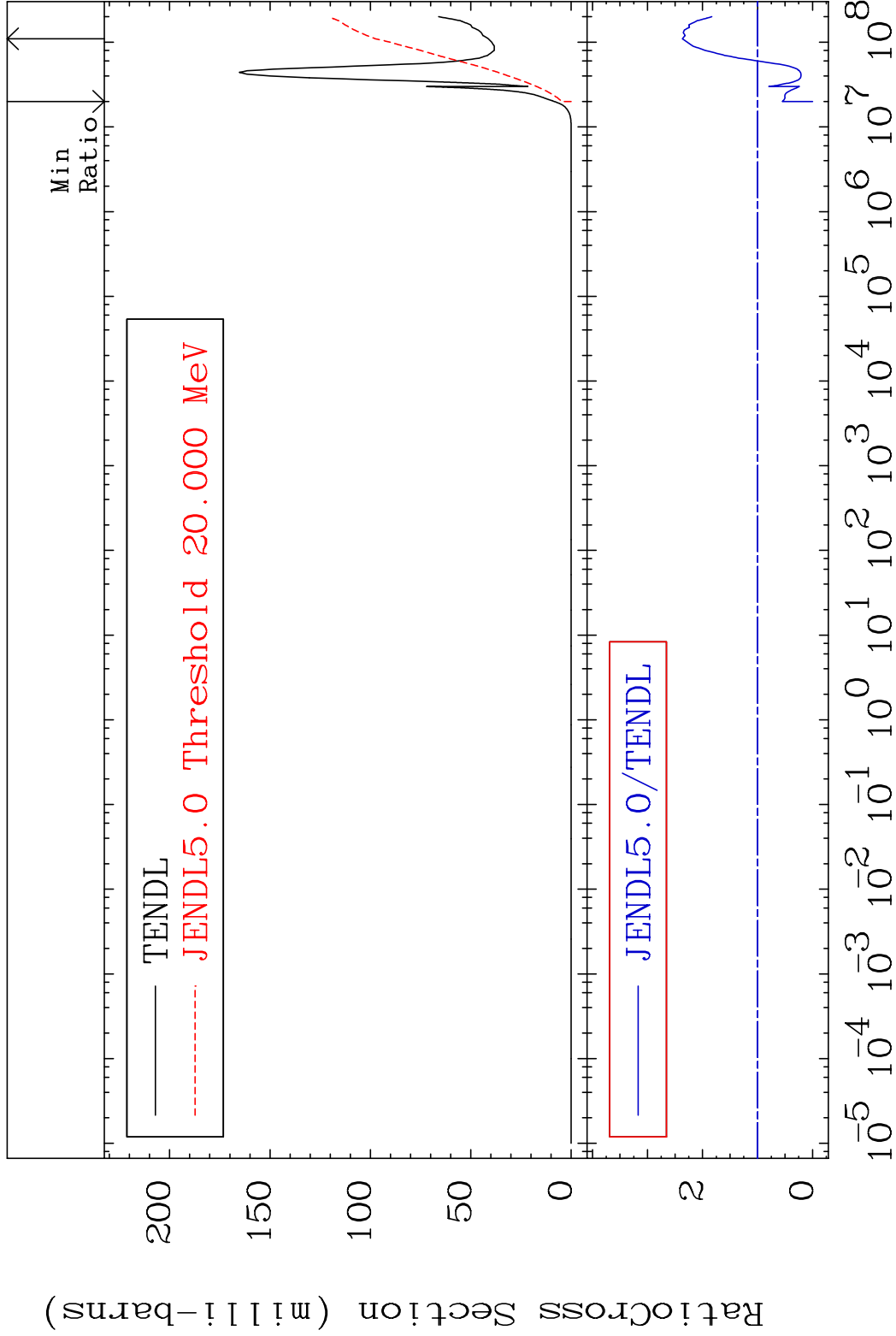
95-Am-241

Cross Section -100.0 To 138.9 %



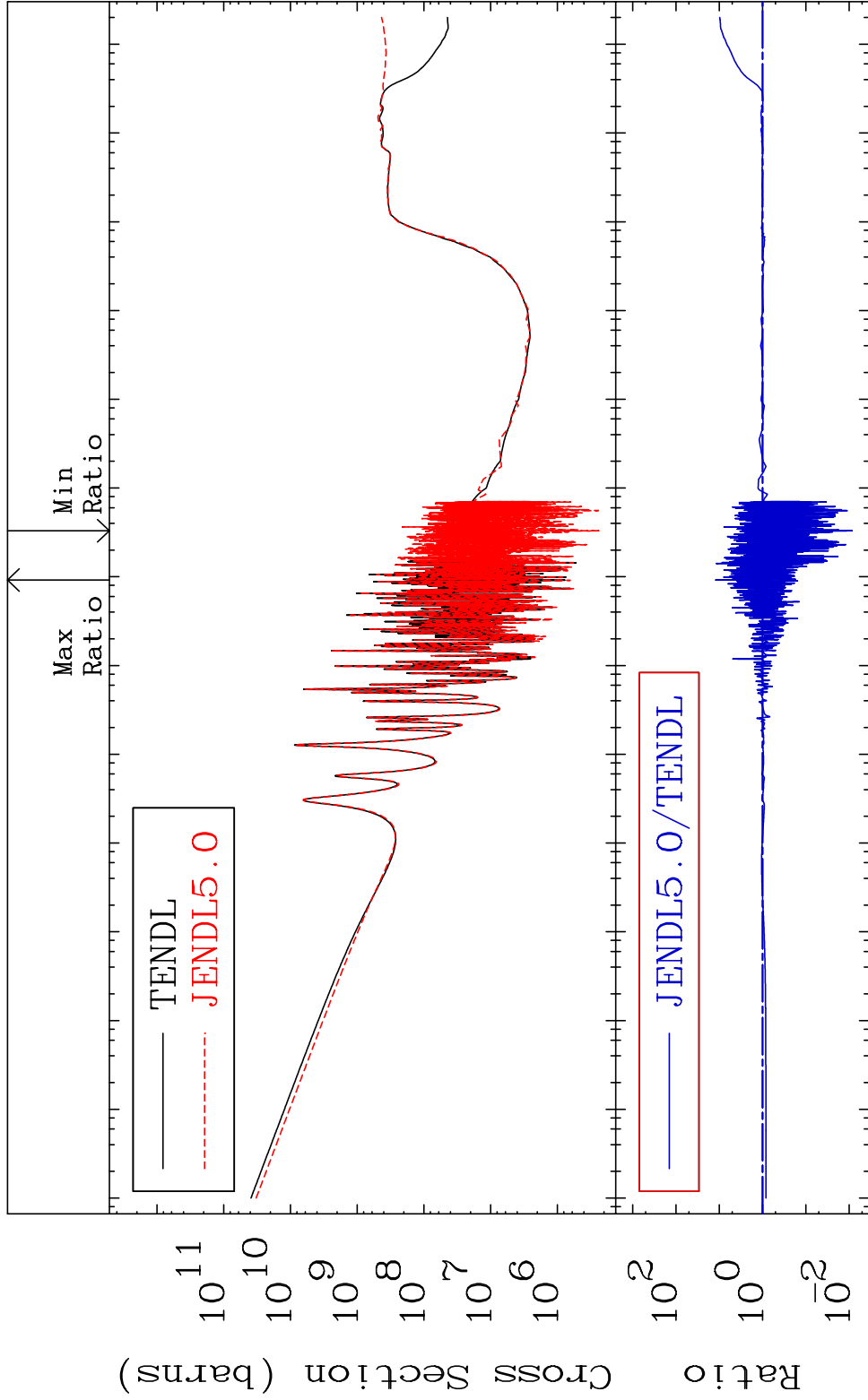


MAT 9543 He-4 Production 95-Am-241
Cross Section -100.0 To 136.7 %

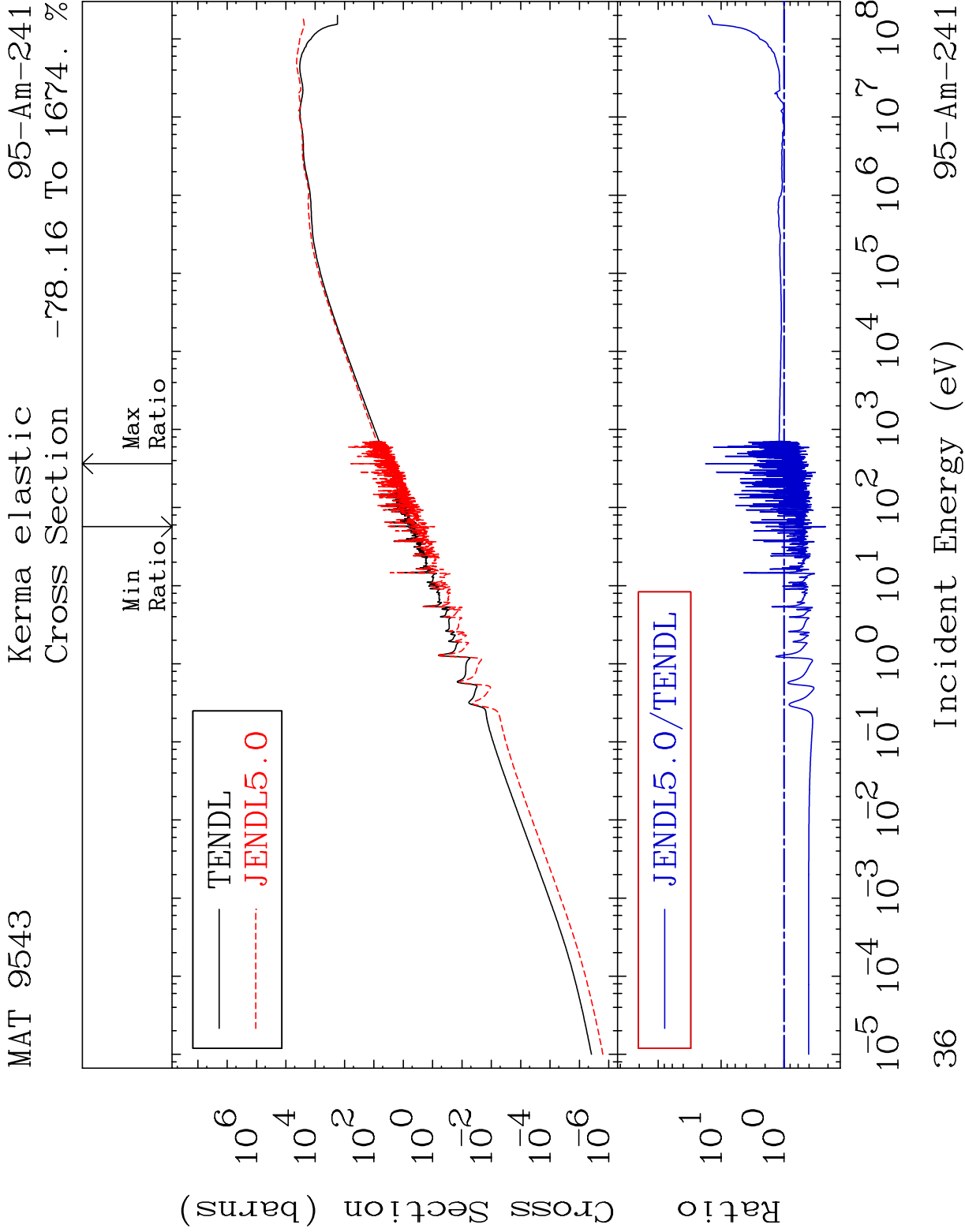


34 Incident Energy (eV) 95-Am-241

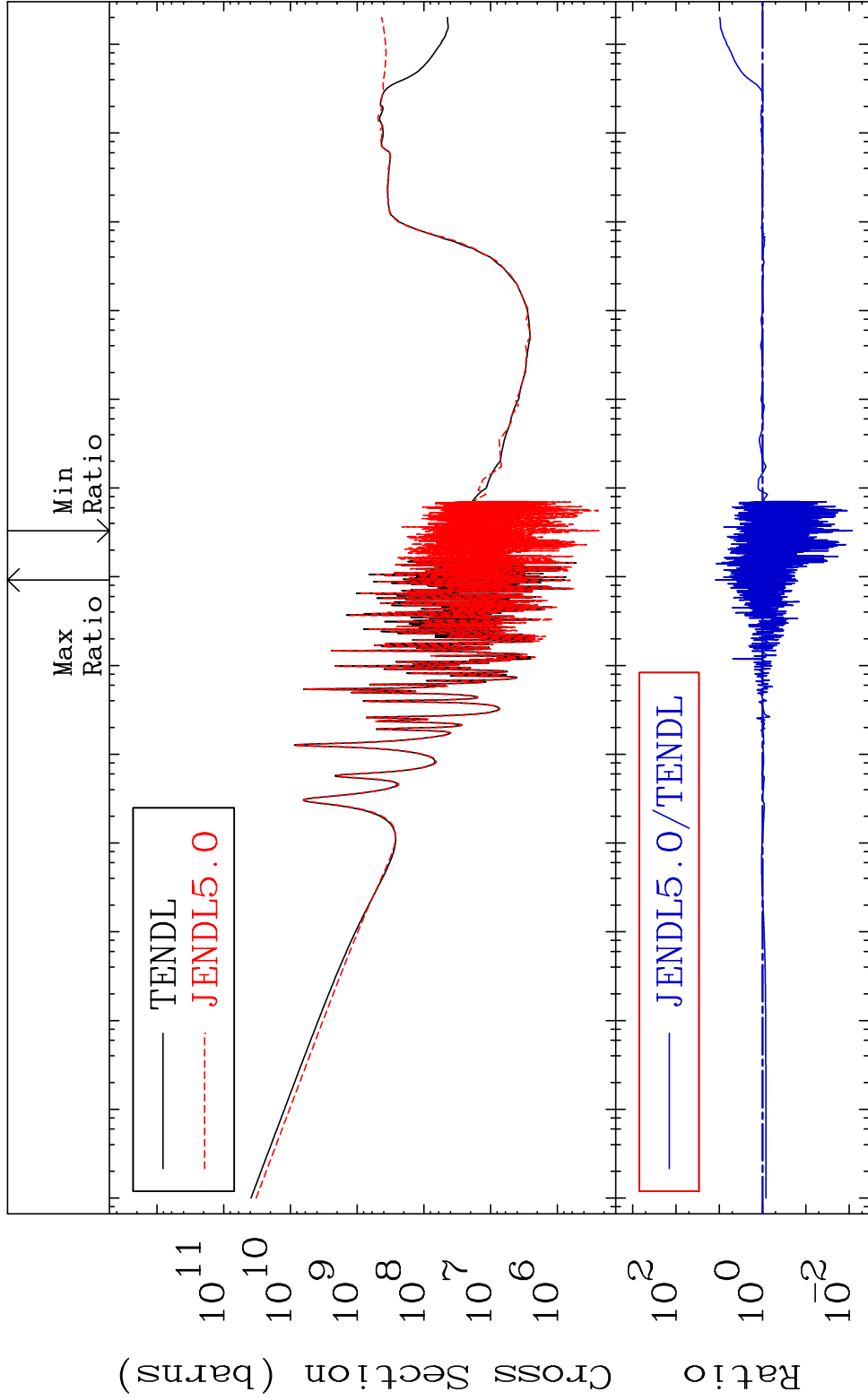
MAT 9543 Kerma total (eV-barns) 95-Am-241
Cross Section -99.15 To 1109. %

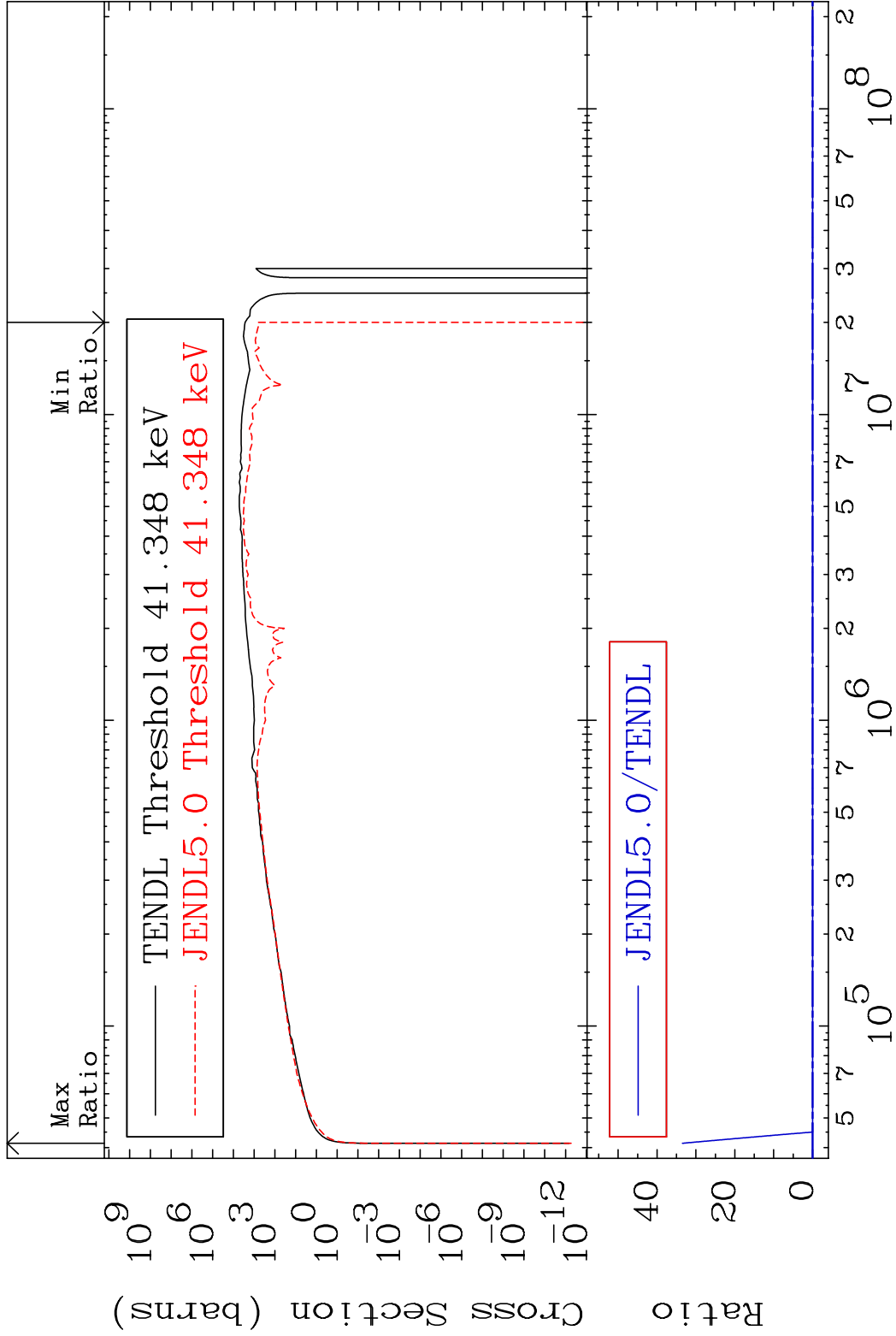


35 Incident Energy (eV) 95-Am-241

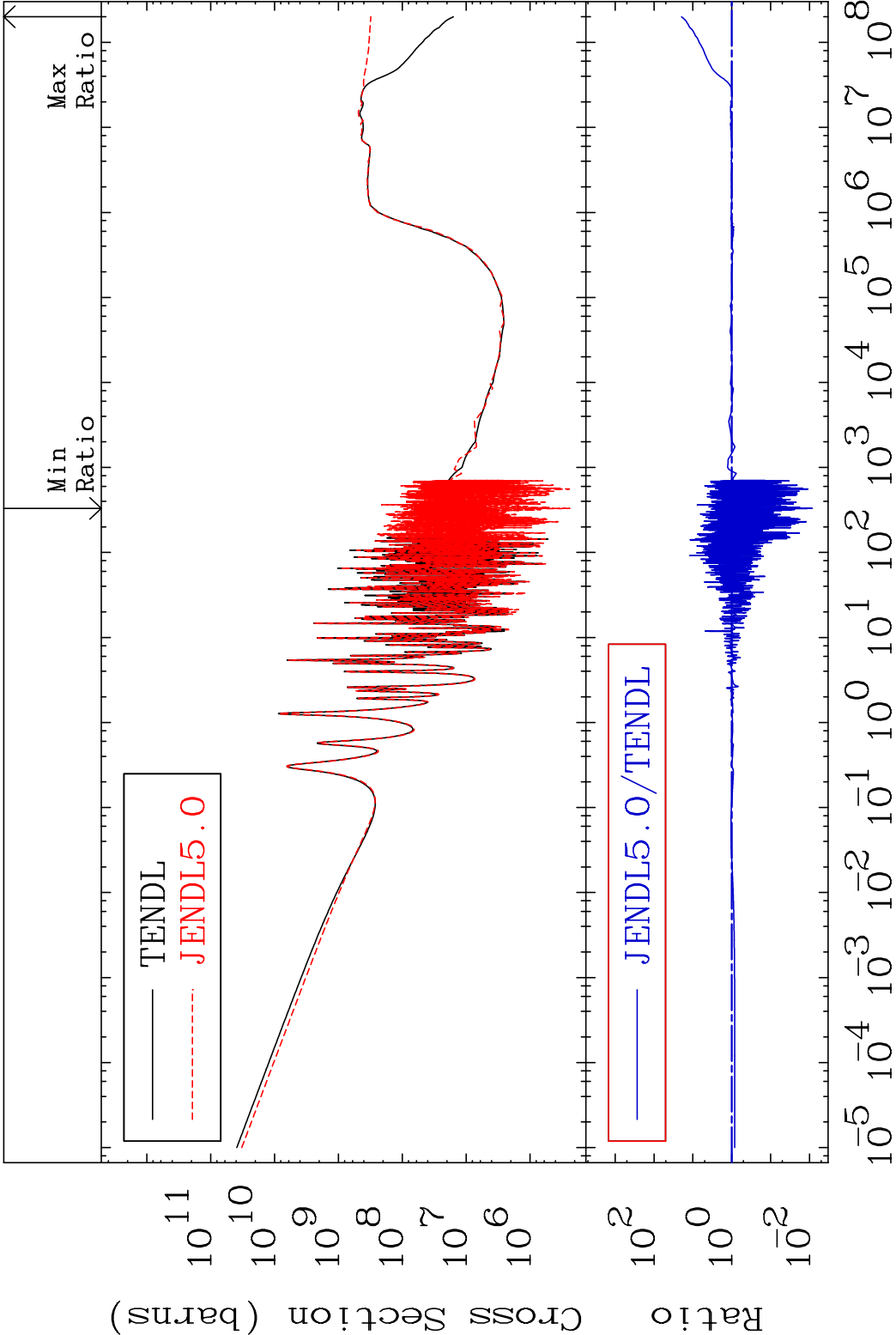


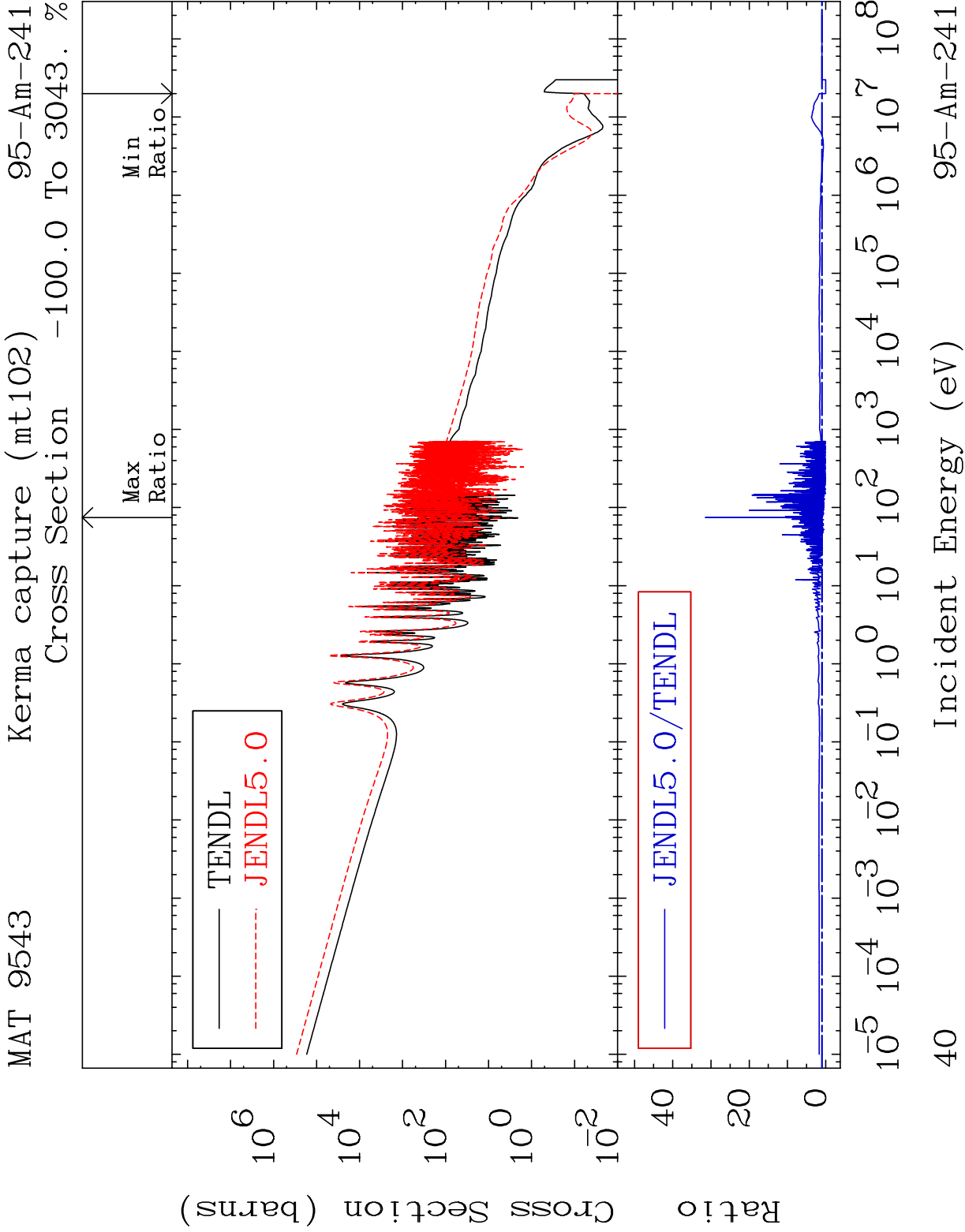
MAT 9543 Kerma non-elastic (all but mt2) 95-Am-241
Cross Section -99.15 To 1109. %



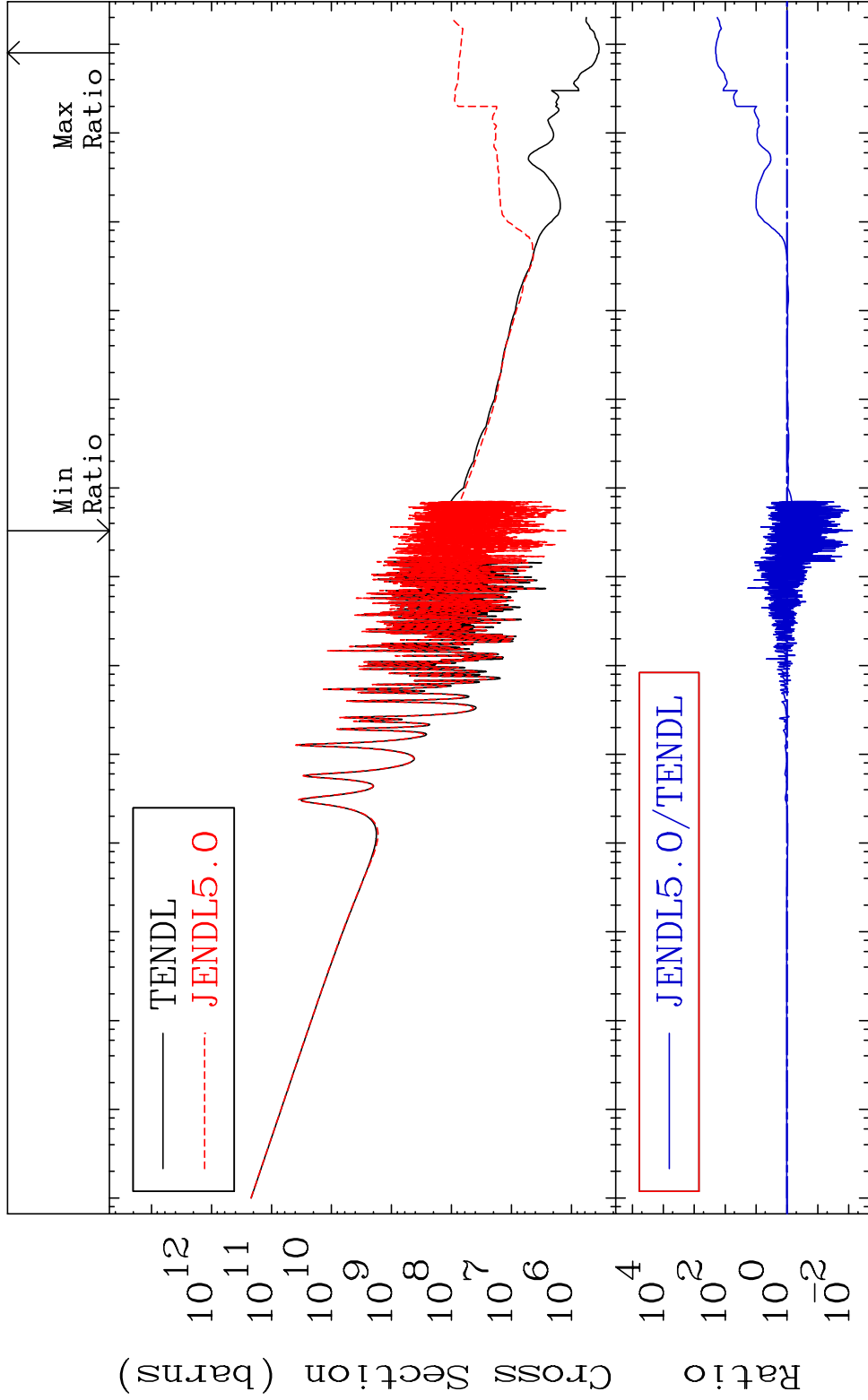


MAT 9543Kerma fission (mt18 or mt19-20-21-38)95-Am-241
Cross Section -99.15 To 1860. %



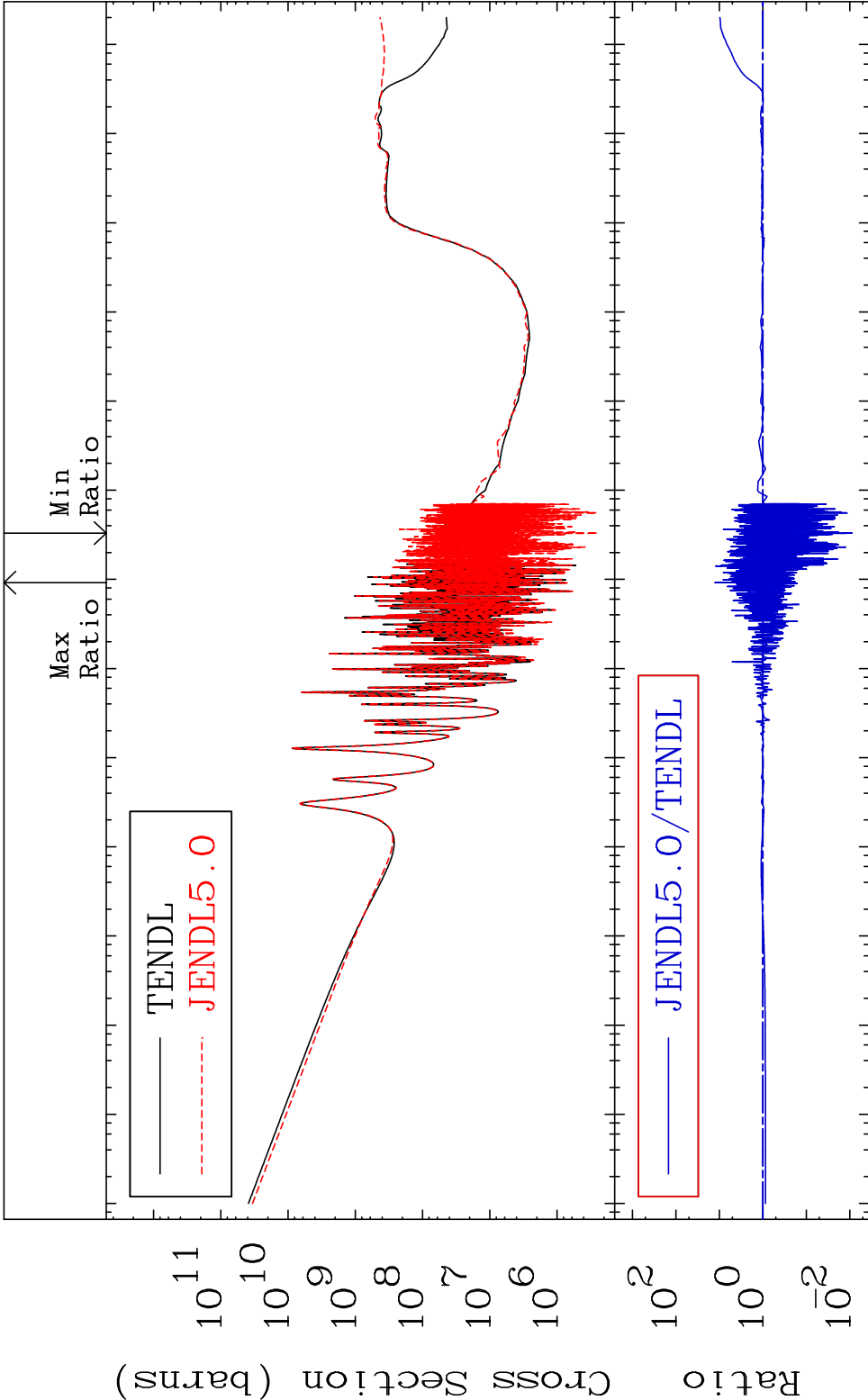


MAT 9543 Total photon (eV-barns) 95-Am-241
Cross Section -99.23 To 9999. %



41 Incident Energy (eV) 95-Am-241

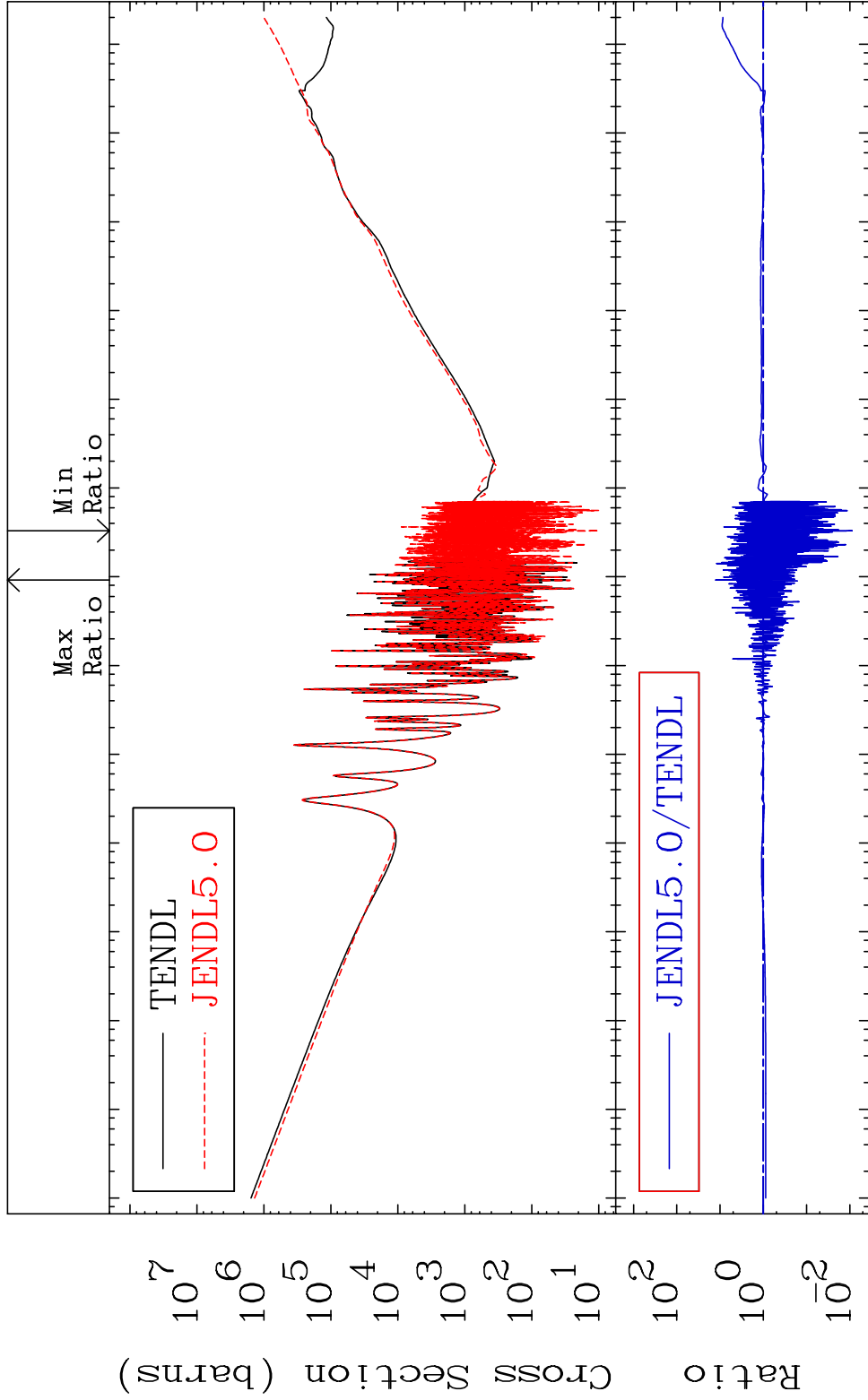
MAT 9543 Total kinematic kerma (high limit) 95-Am-241
Cross Section -99.12 To 1156. %



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

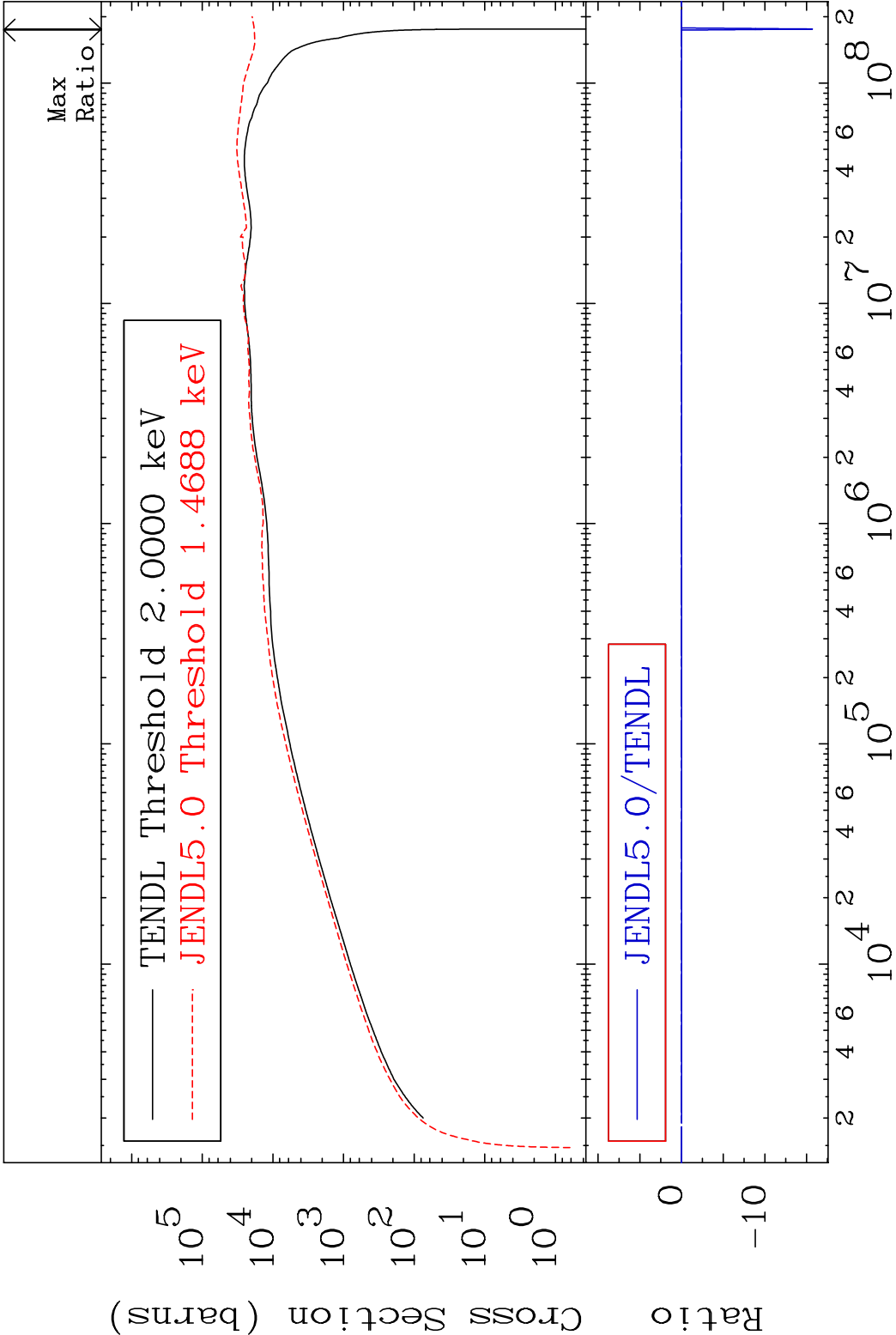
42 Incident Energy (eV) 95-Am-241

MAT 9543 Dpa total (eV-barns) 95-Am-241
Cross Section -99.12 To 1166. %



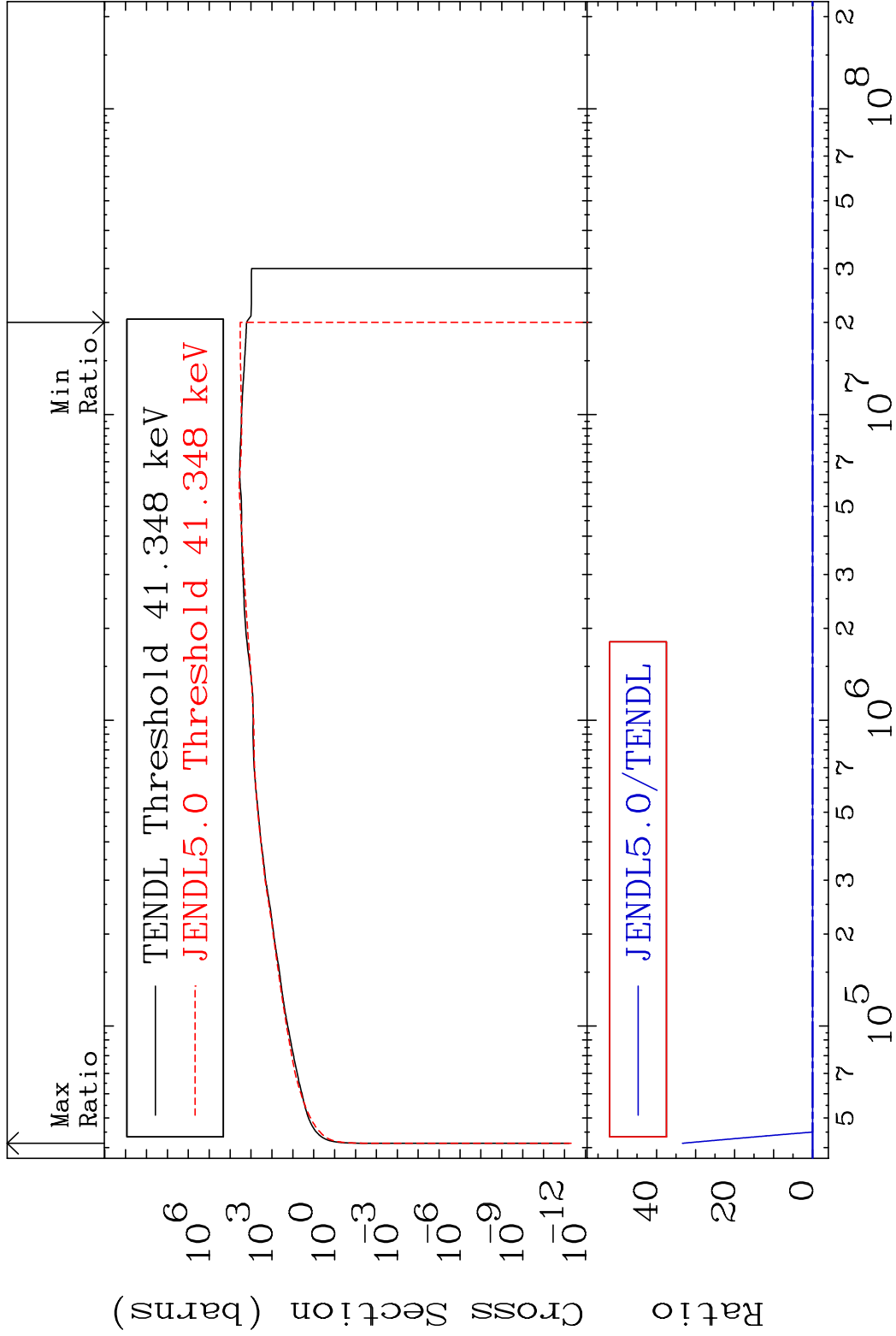
43 Incident Energy (eV) 95-Am-241

MAT 9543 Dpa elastic (mt2) 95-Am-241
Cross Section -9999. To 9999. %

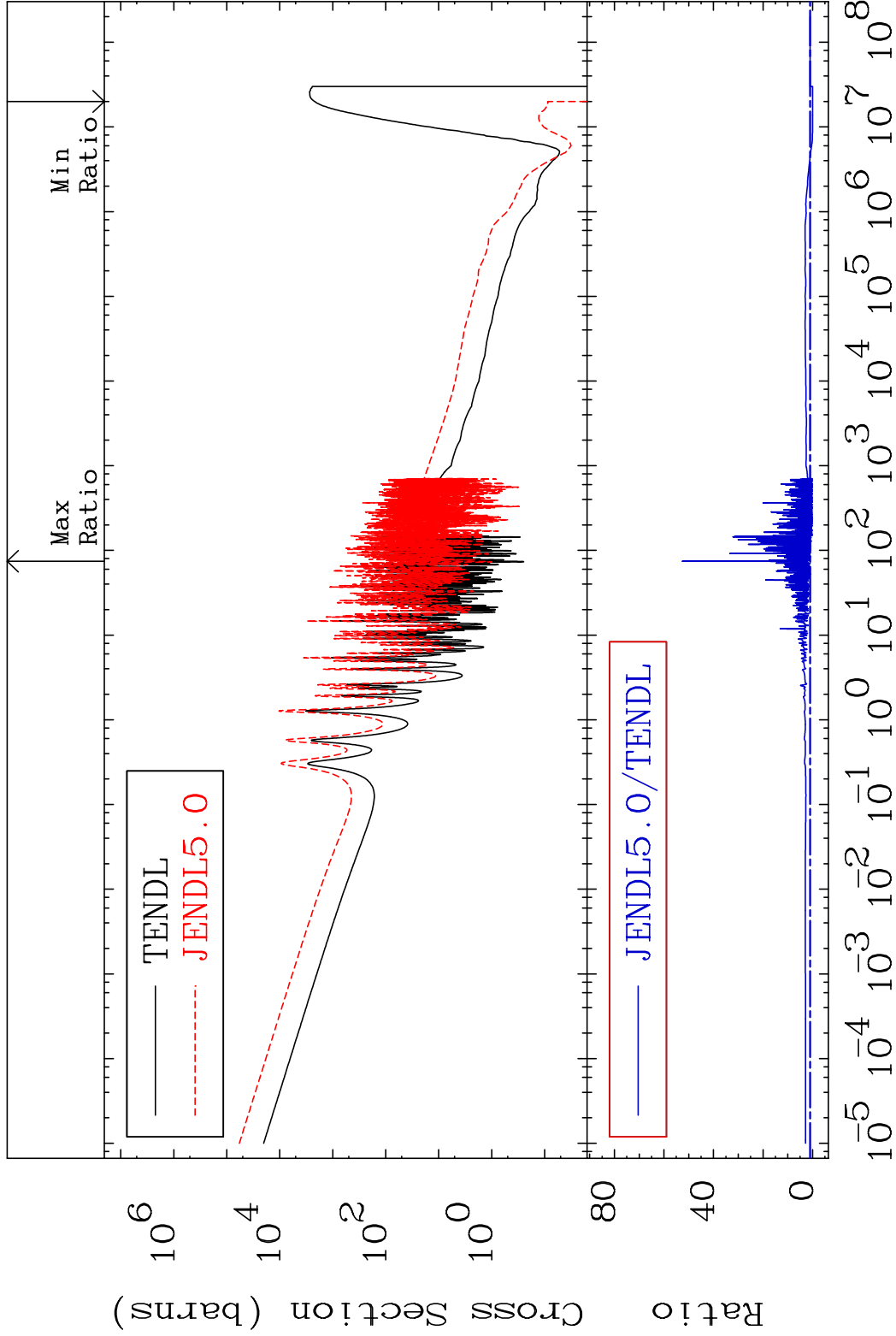


44 Incident Energy (eV) 95-Am-241

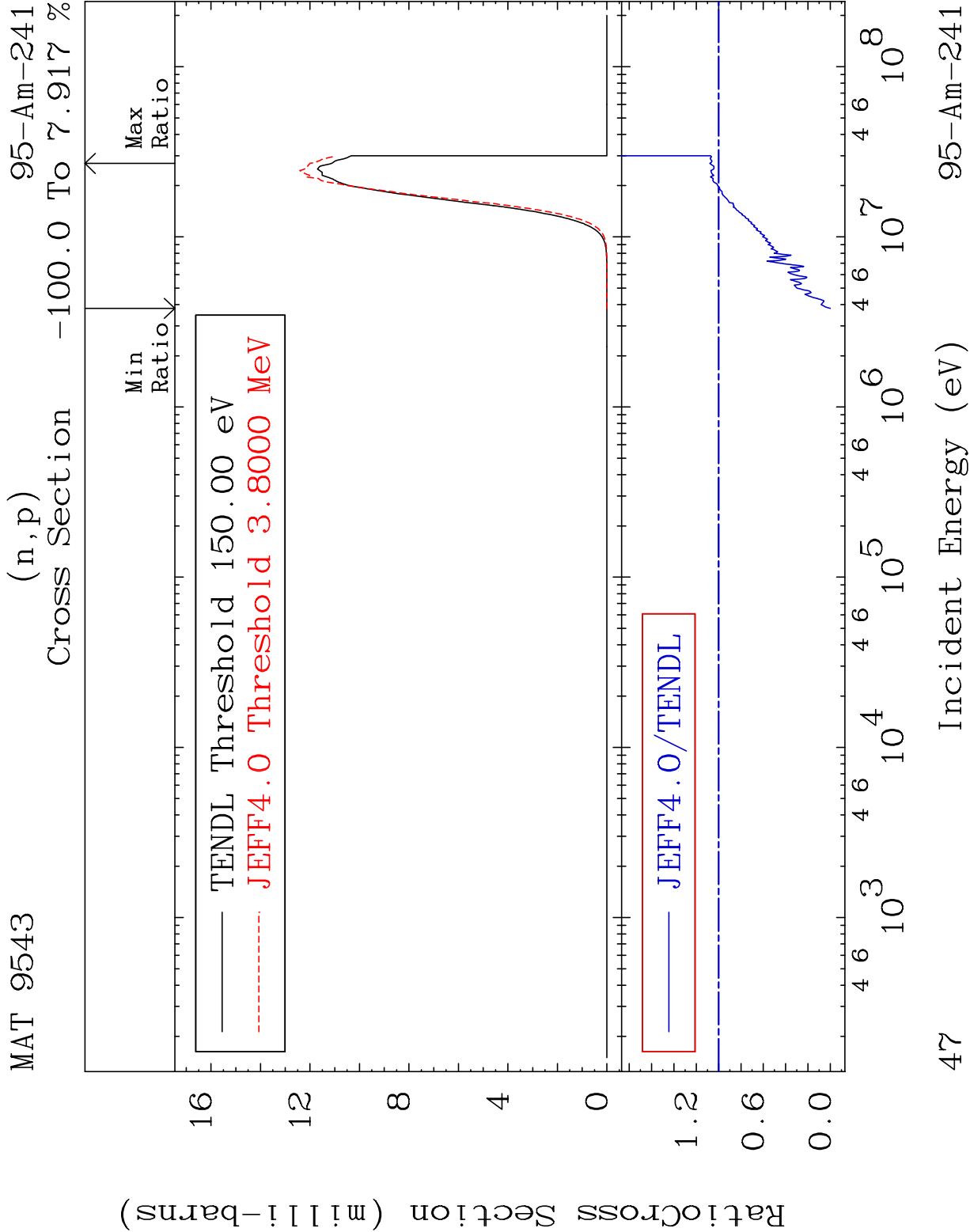
MAT 9543 Dpa inelastic (mt51-91) 95-Am-241
Cross Section -100.0 To 9999. %



MAT 9543 Dpa disappearance (mt102 -120) 95-Am-241
Cross Section -100.0 To 5157. %



46 Incident Energy (eV) 95-Am-241

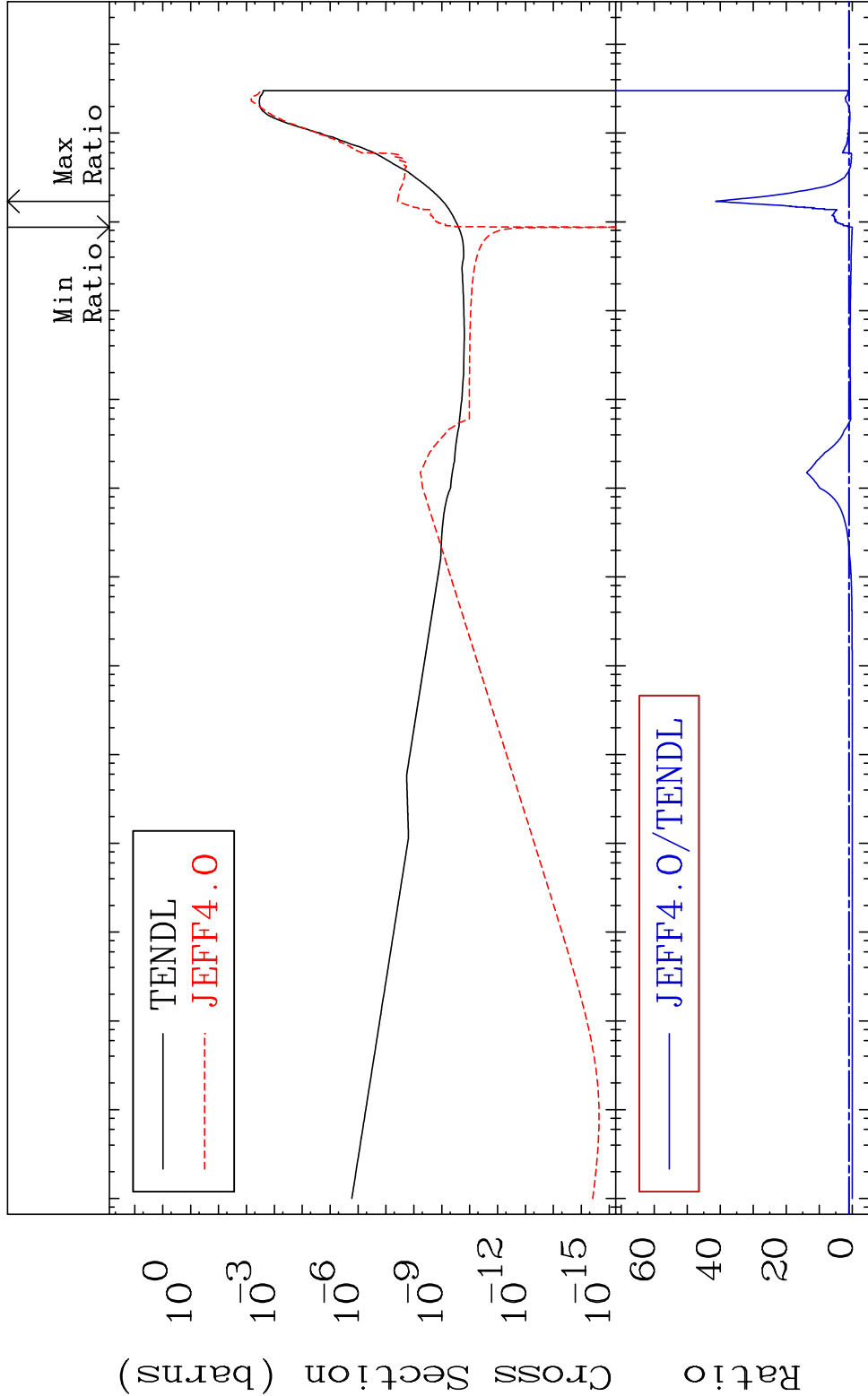


MAT 9543

(n, α)

95-Am-241

Cross Section -100.0 To 4040. %

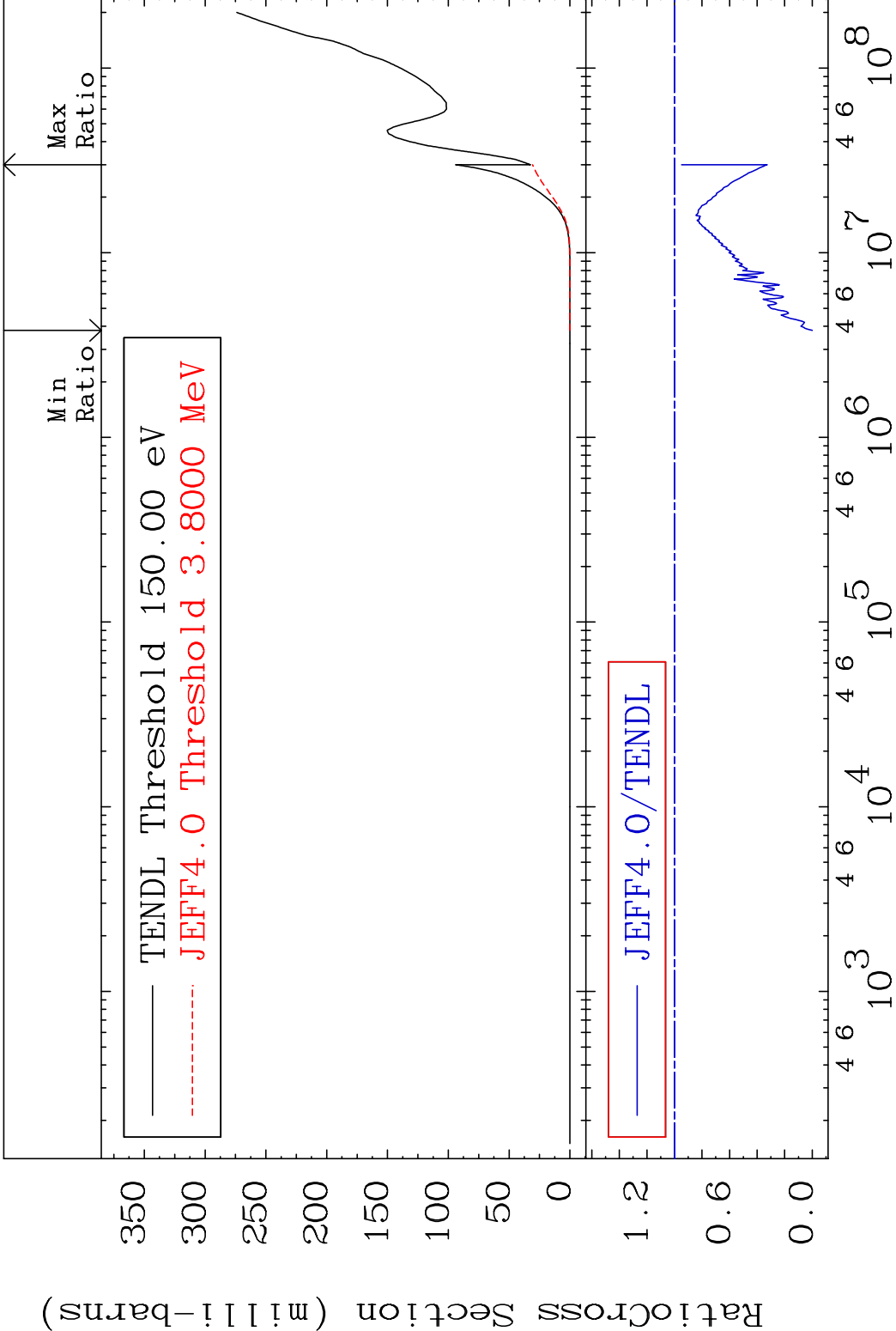


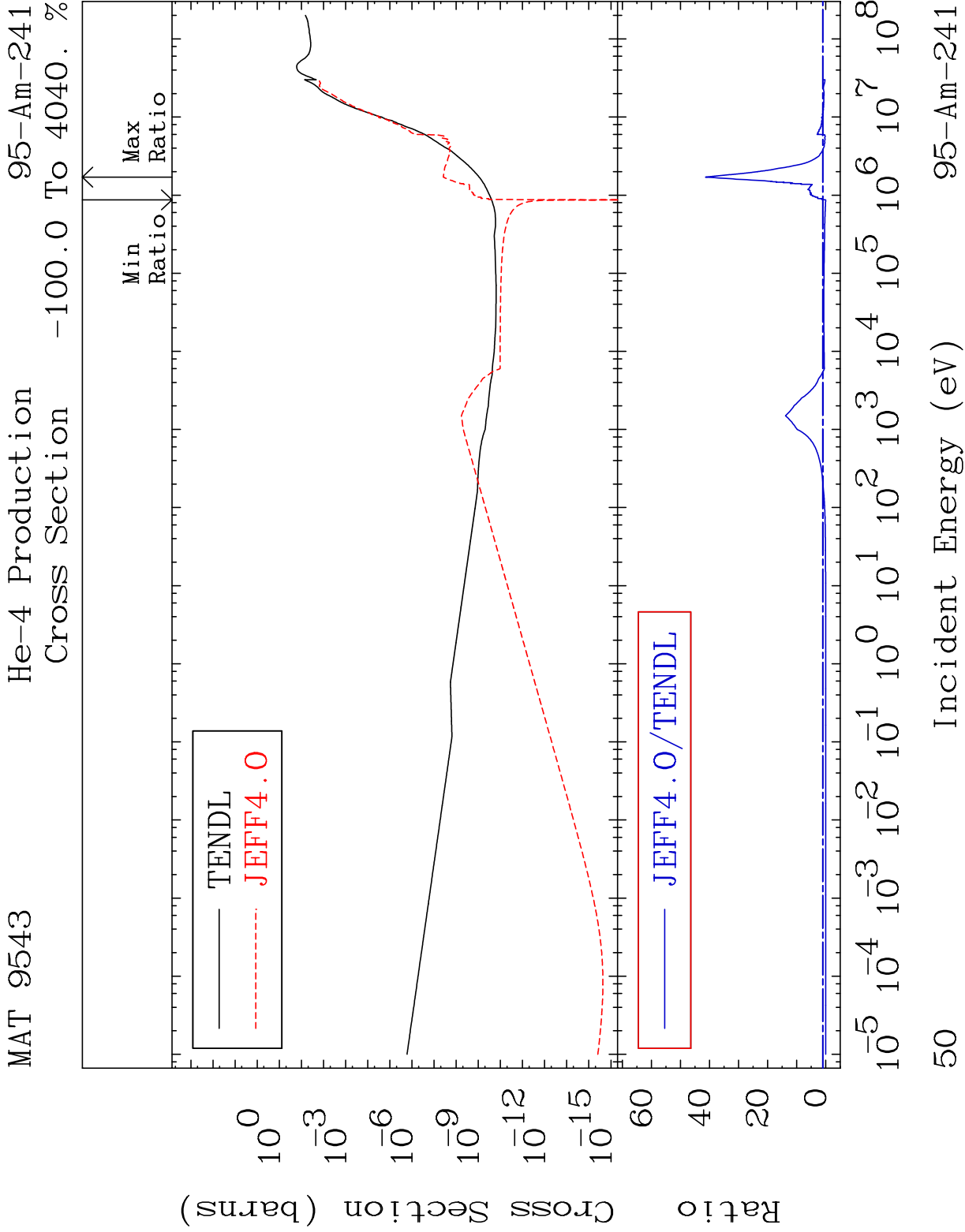
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

48

Incident Energy (eV)

95-Am-241





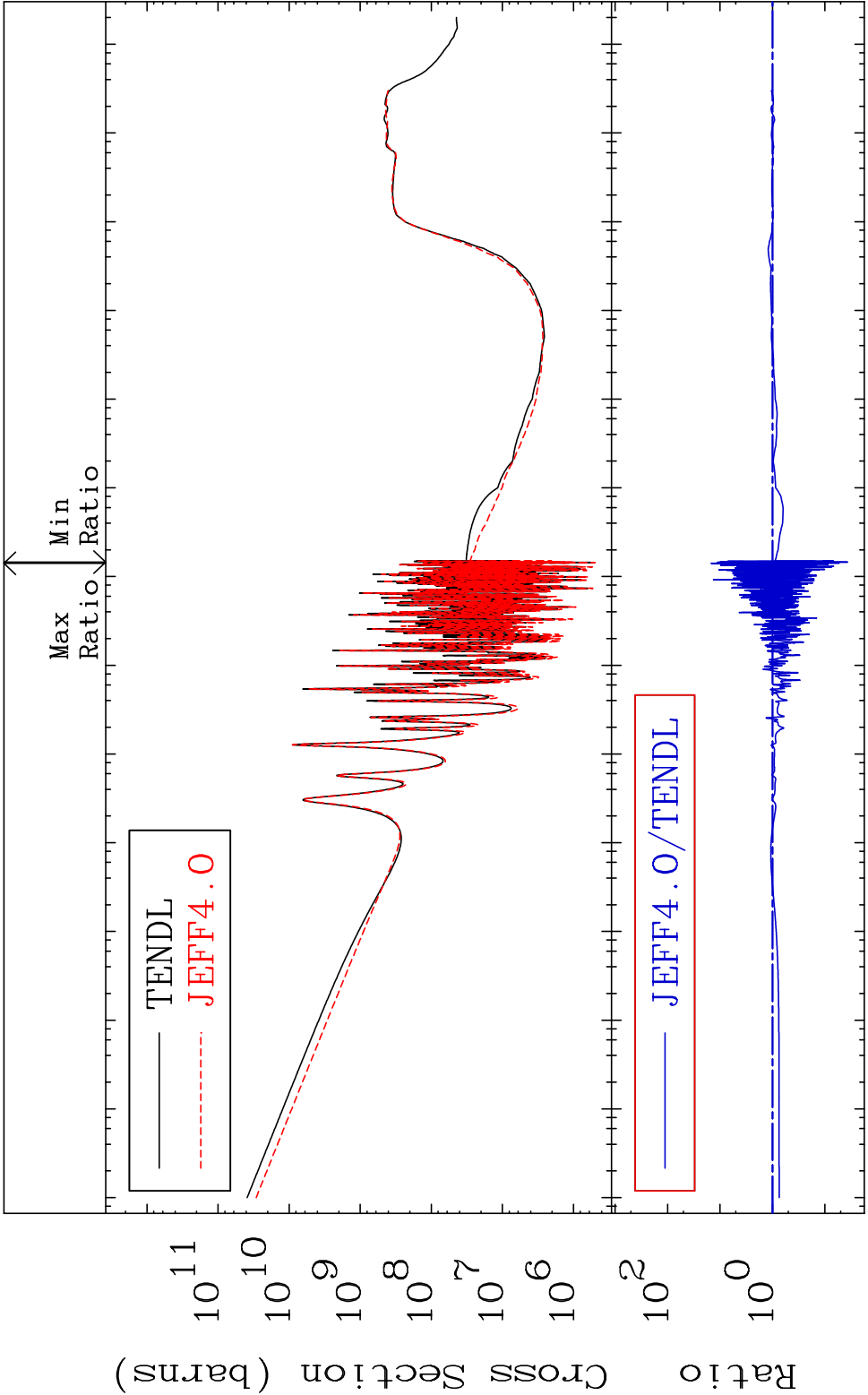
MAT 9543

Kerma total (eV-barns)

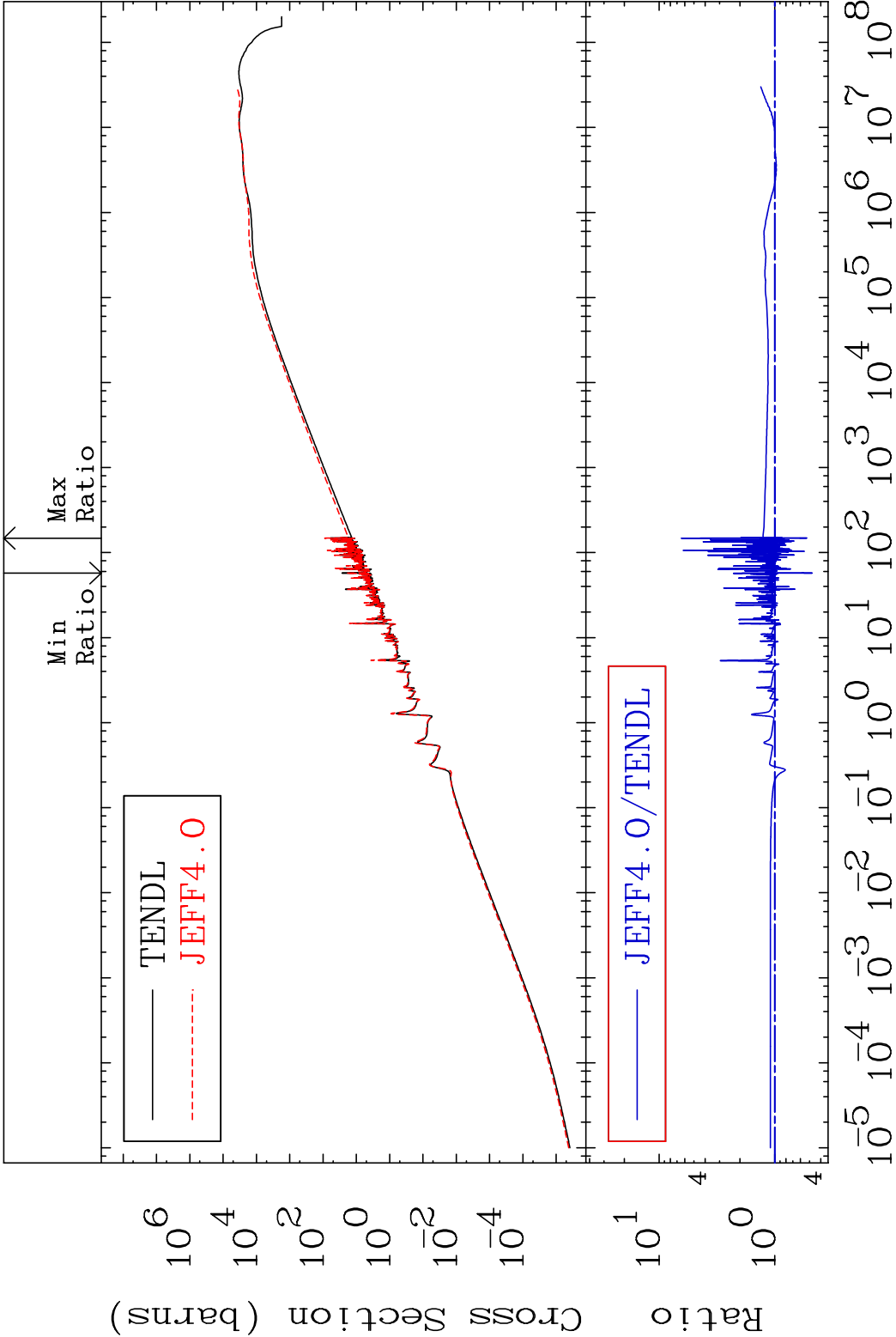
95-Am-241

Cross Section

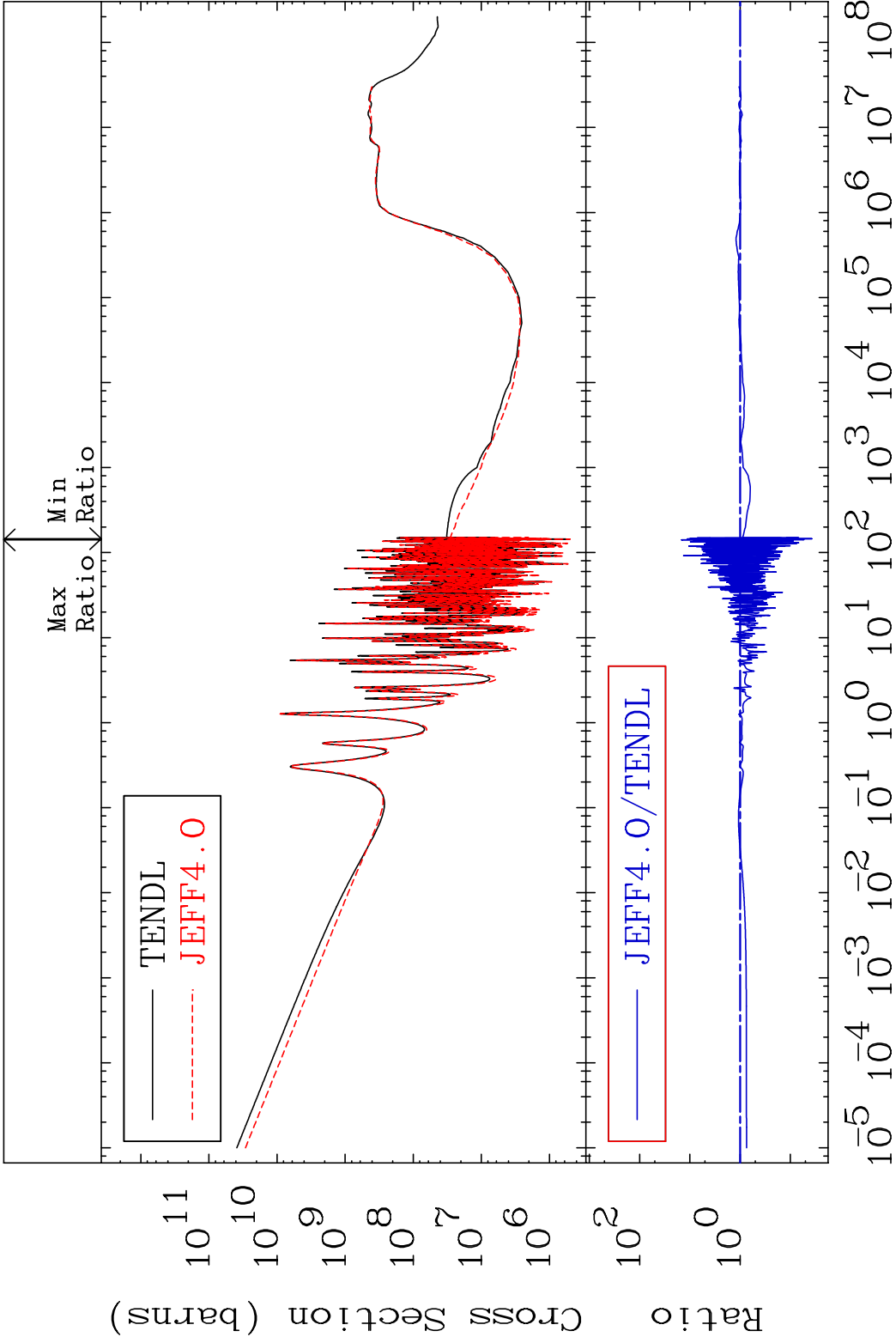
-96.33 To 1364. %

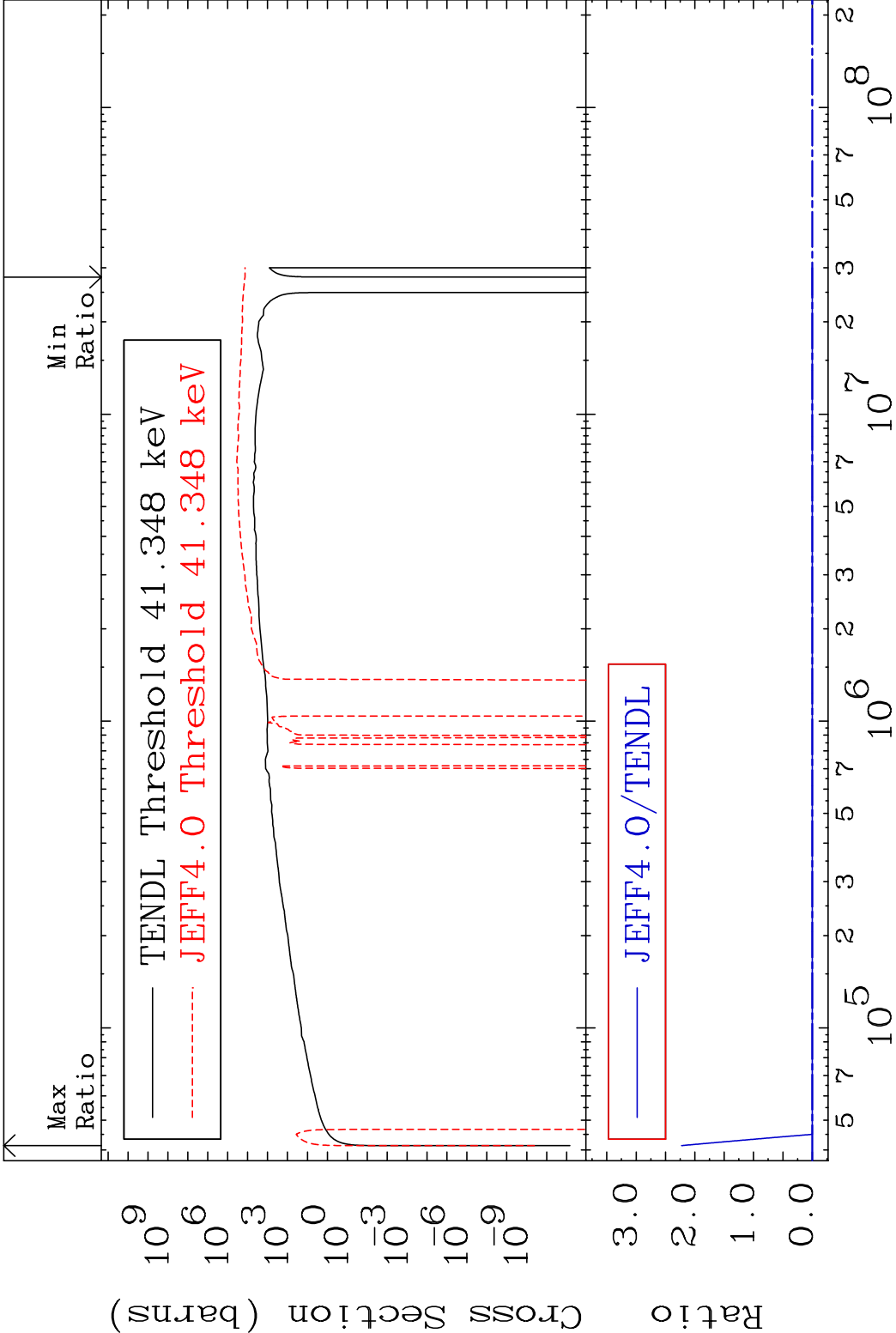


MAT 9543	Kerma elastic	95-Am-241
	Cross Section	-52.52 To 539.9 %

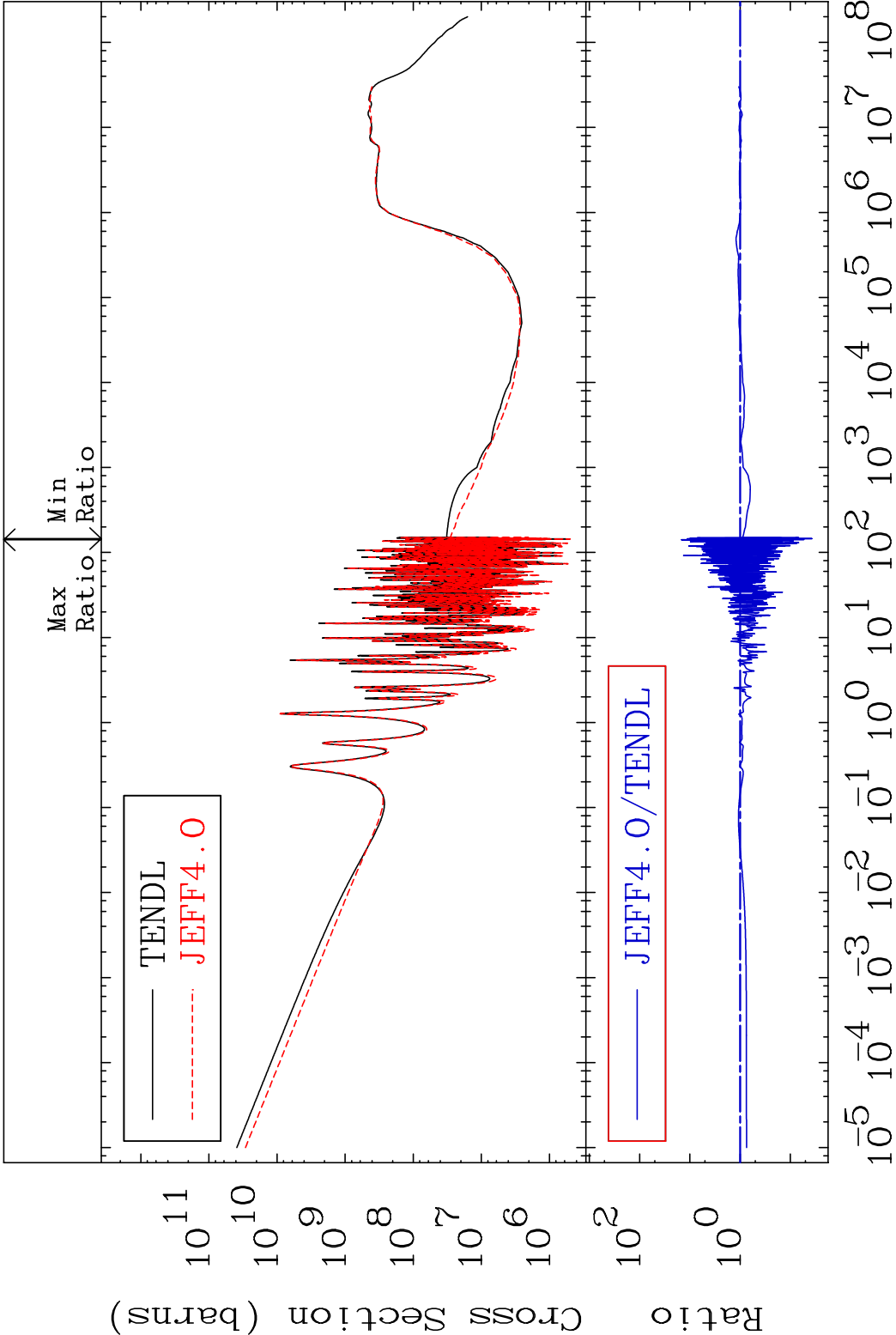


MAT 9543 Kerma non-elastic (all but mt2) 95-Am-241
Cross Section -96.33 To 1364. %

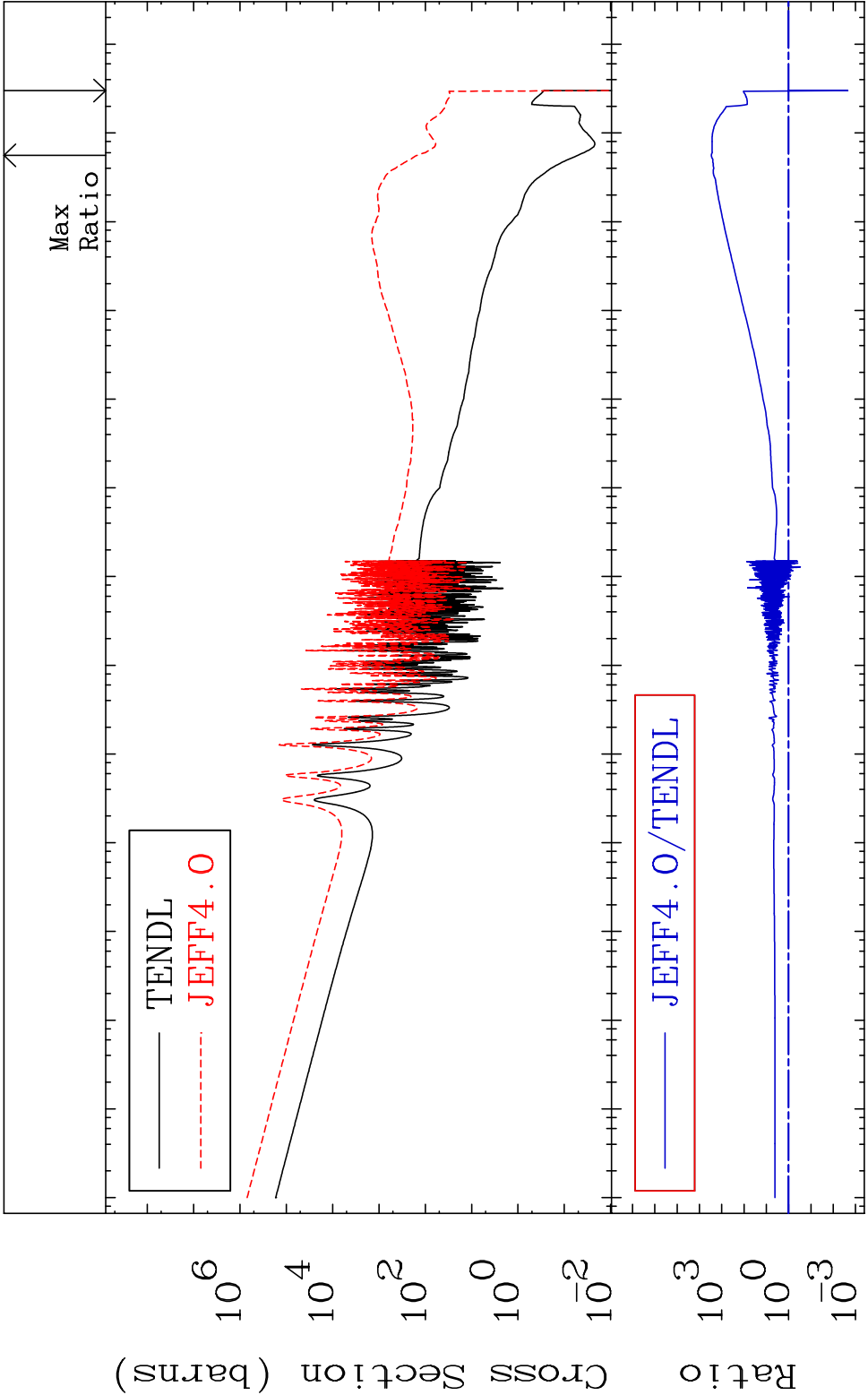




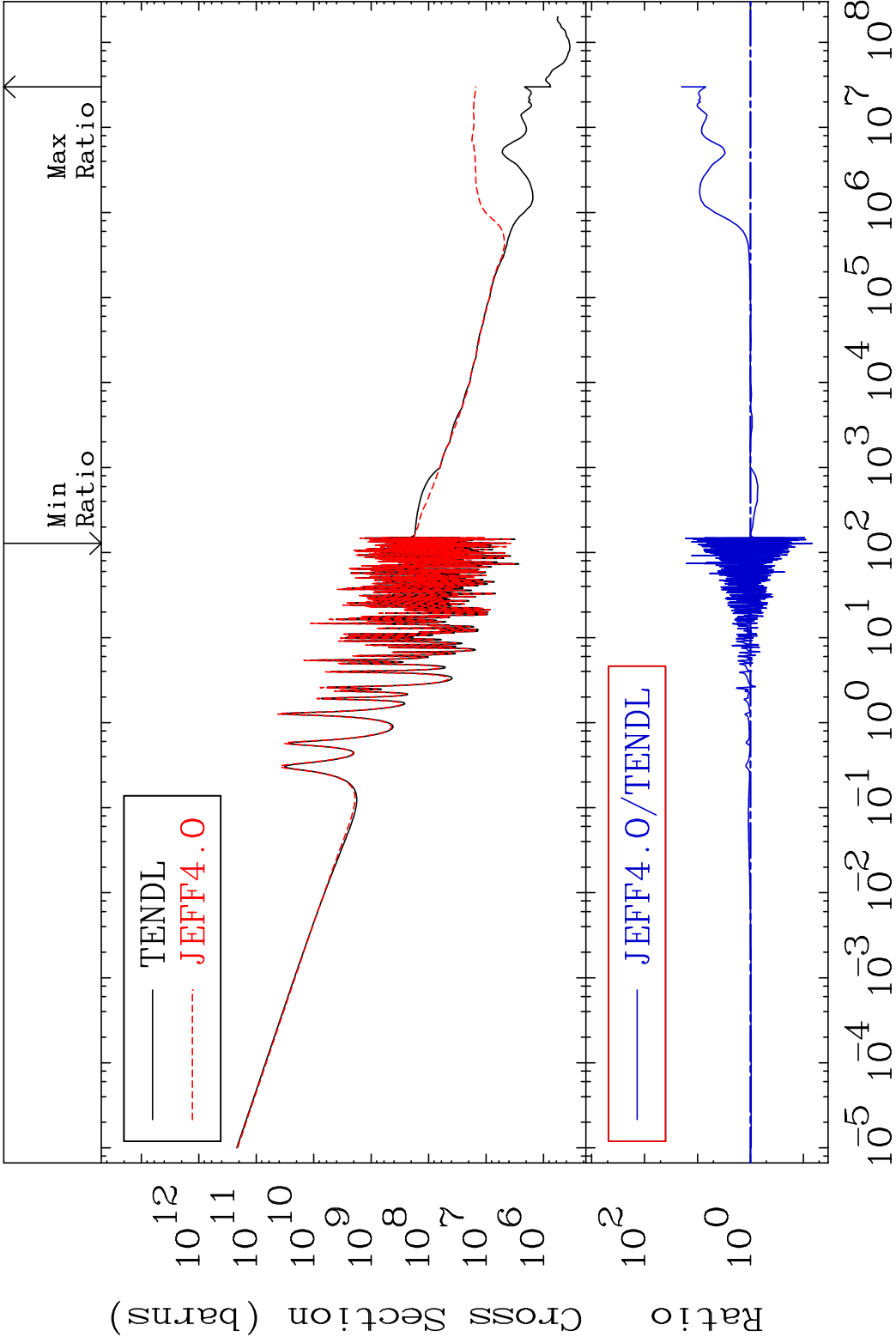
MAT 9543Kerma fission (mt18 or mt19-20-21-38)95-Am-241
Cross Section -96.33 To 1364. %



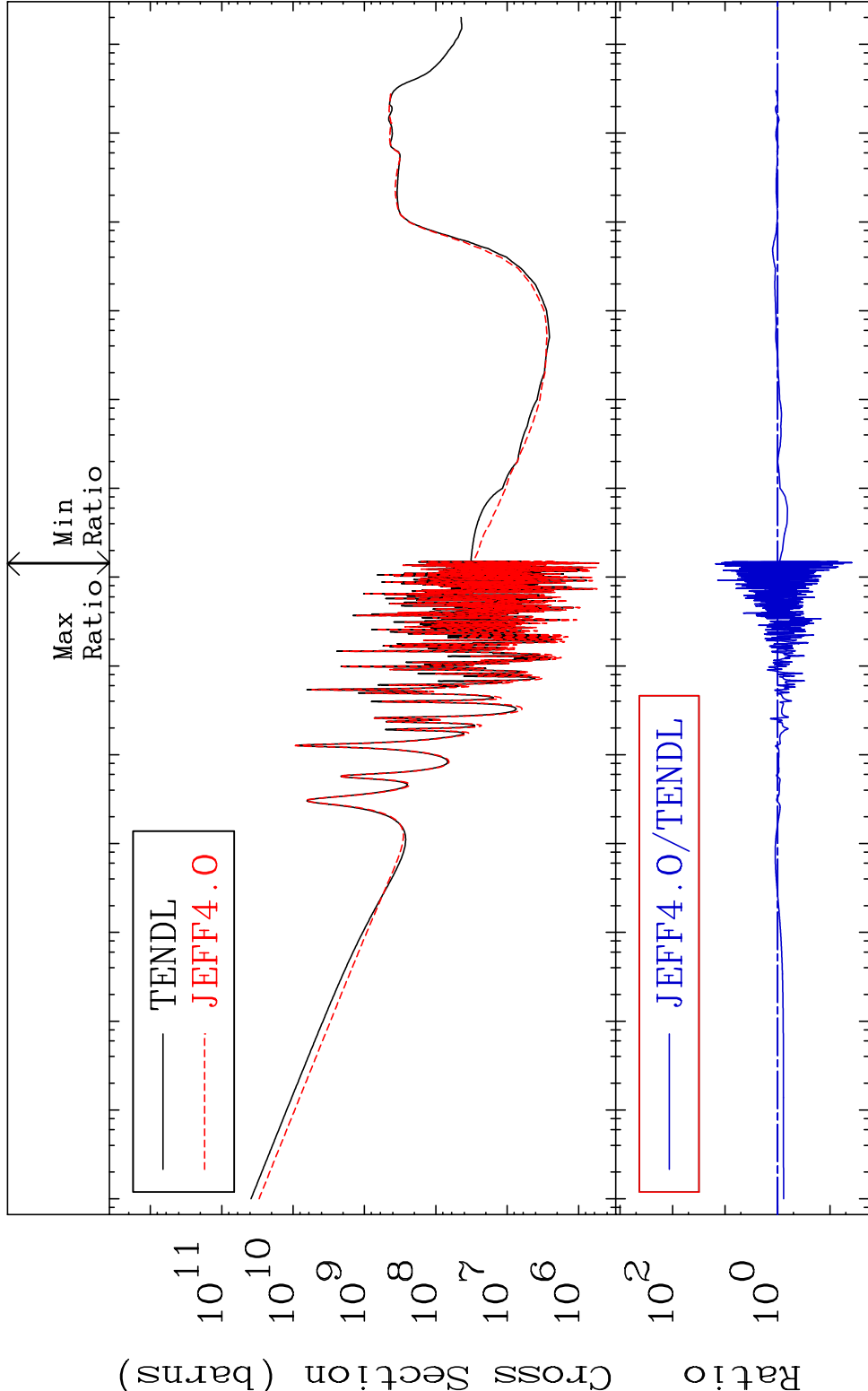
55 Incident Energy (eV) 95-Am-241



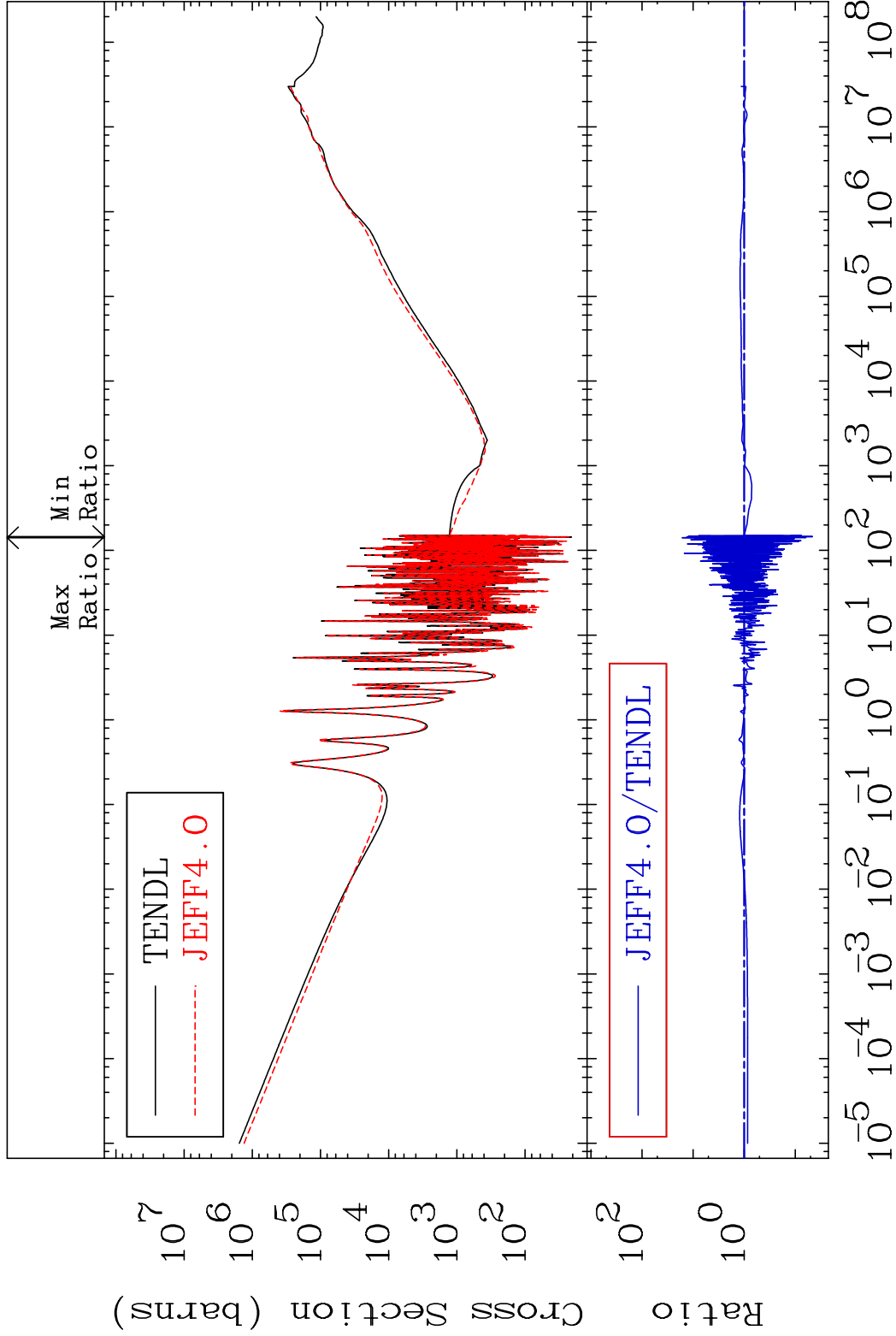
MAT 9543 Total photon (eV-barns) 95-Am-241
 Cross Section -93.22 To 1902. %



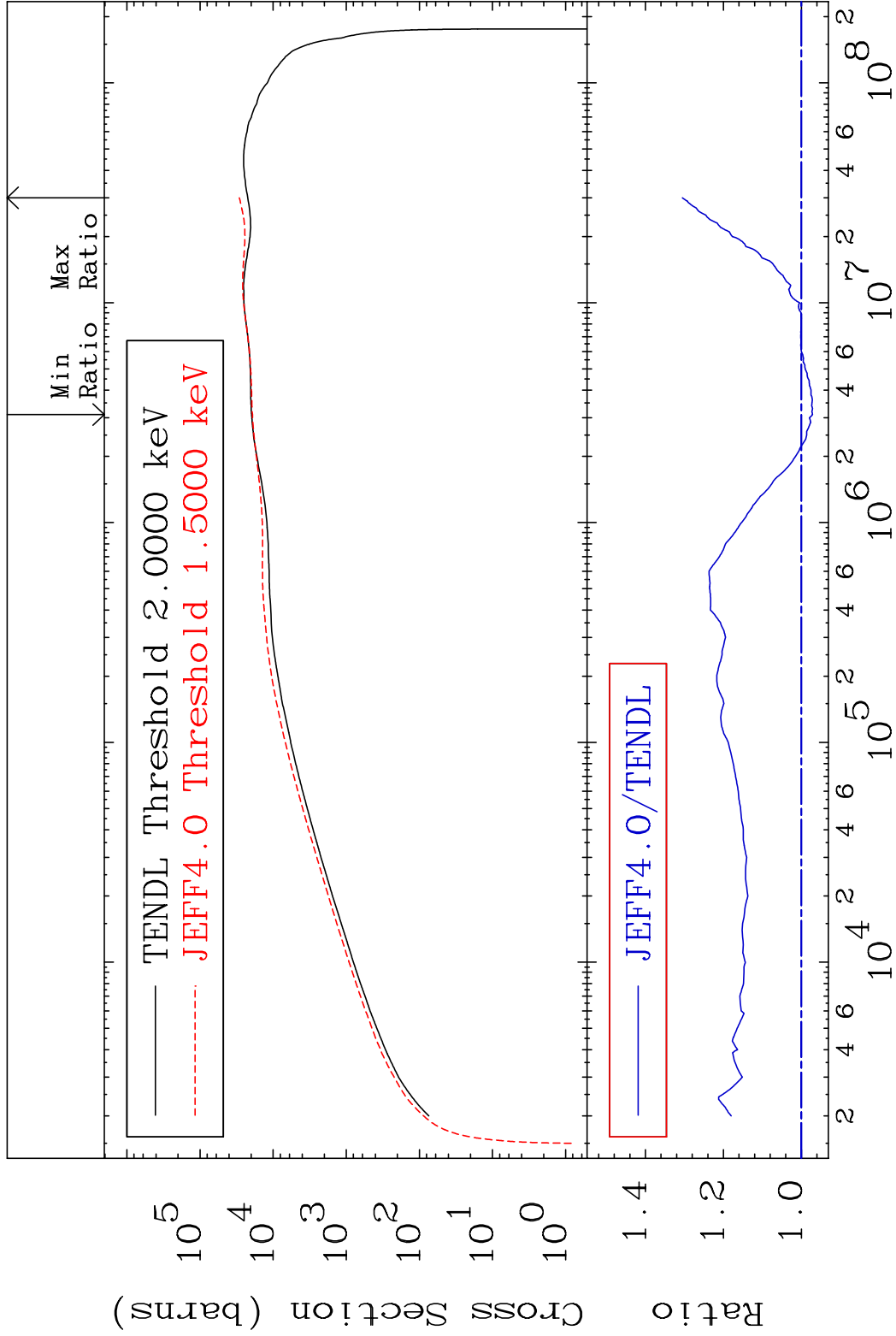
MAT 9543 Total kinematic kerma (high limit) 95-Am-241
Cross Section -96.21 To 1414. %



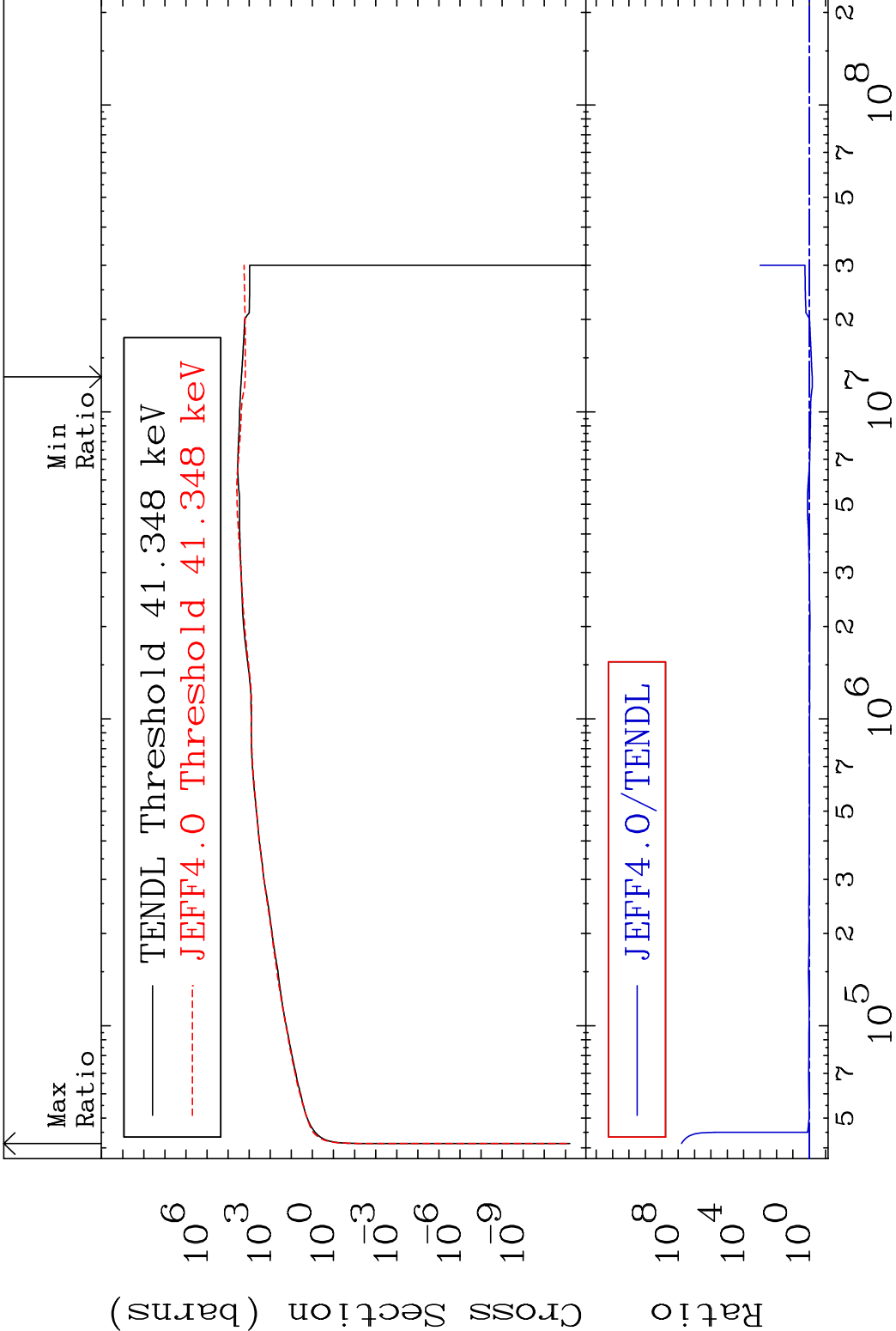
MAT 9543 Dpa total (eV-barns) 95-Am-241
Cross Section -95.42 To 1518. %



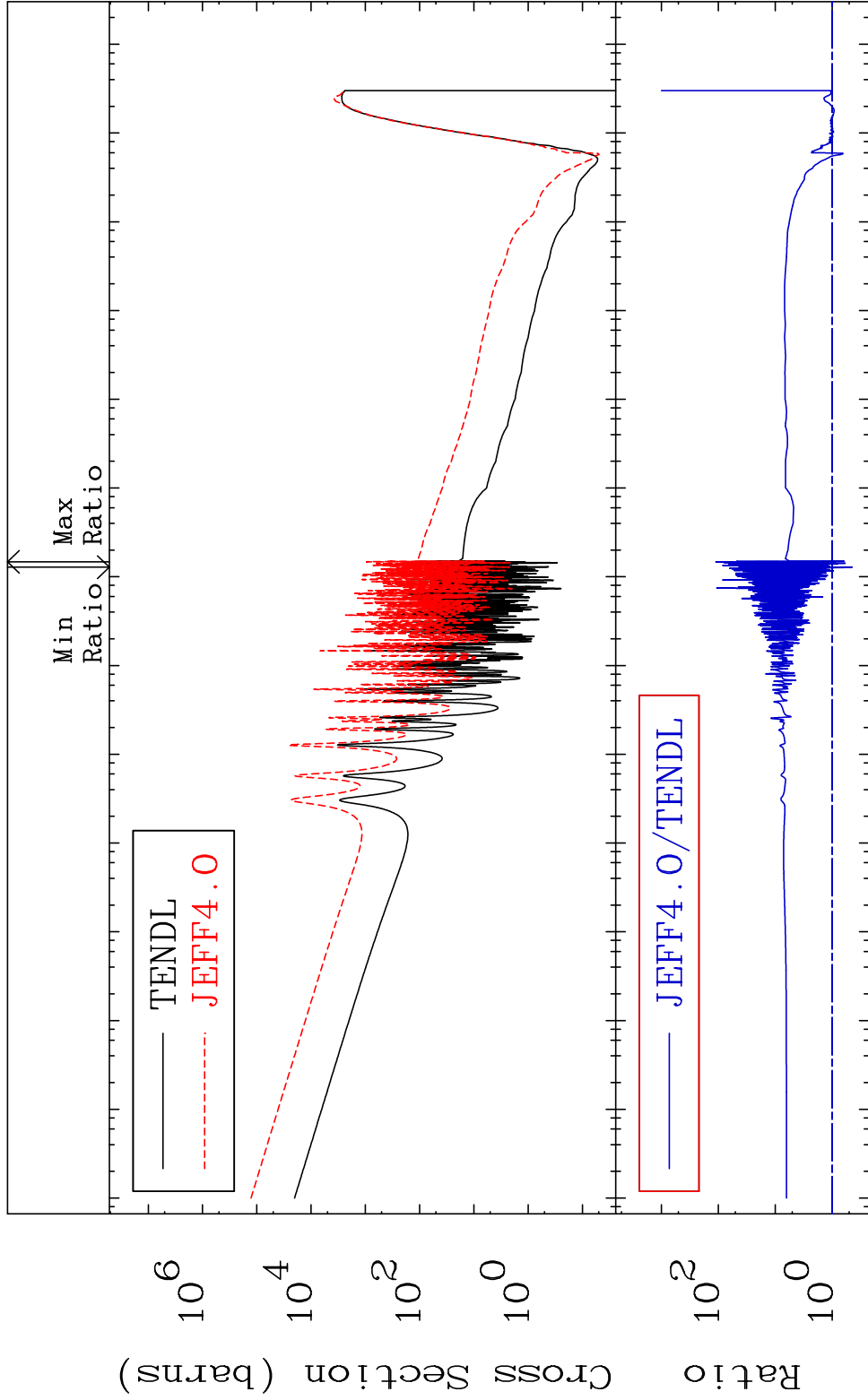
MAT 9543 Dpa elastic (mt2) 95-Am-241
Cross Section -2.877 To 30.54 %



MAT 9543 Dpa inelastic (mt51-91) 95-Am-241
Cross Section -34.13 To 9999. %



MAT 9543 Dpa disappearance (mt102 -120) 95-Am-241
Cross Section -55.69 To 9999. %



62 Incident Energy (eV) 95-Am-241