

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

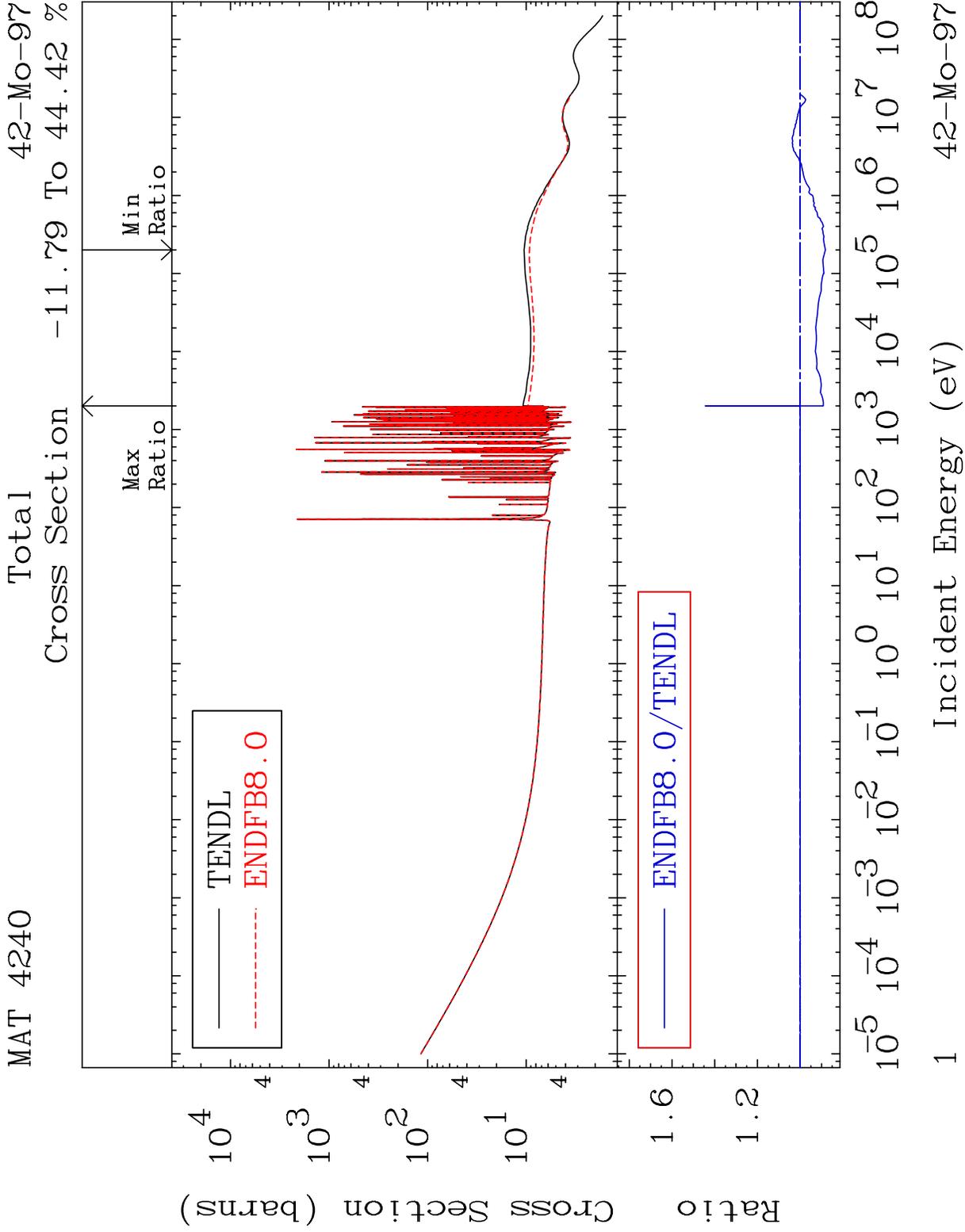
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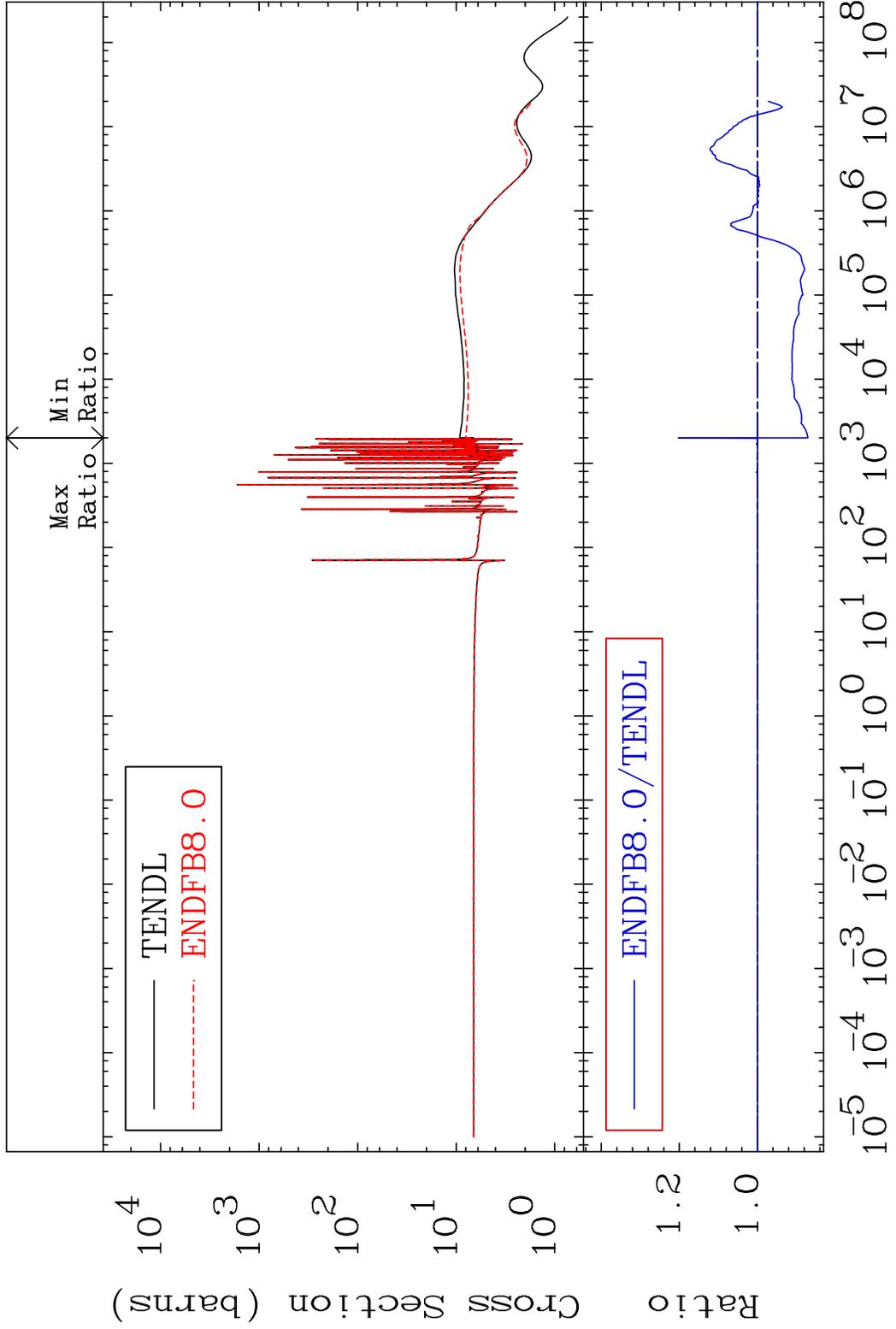
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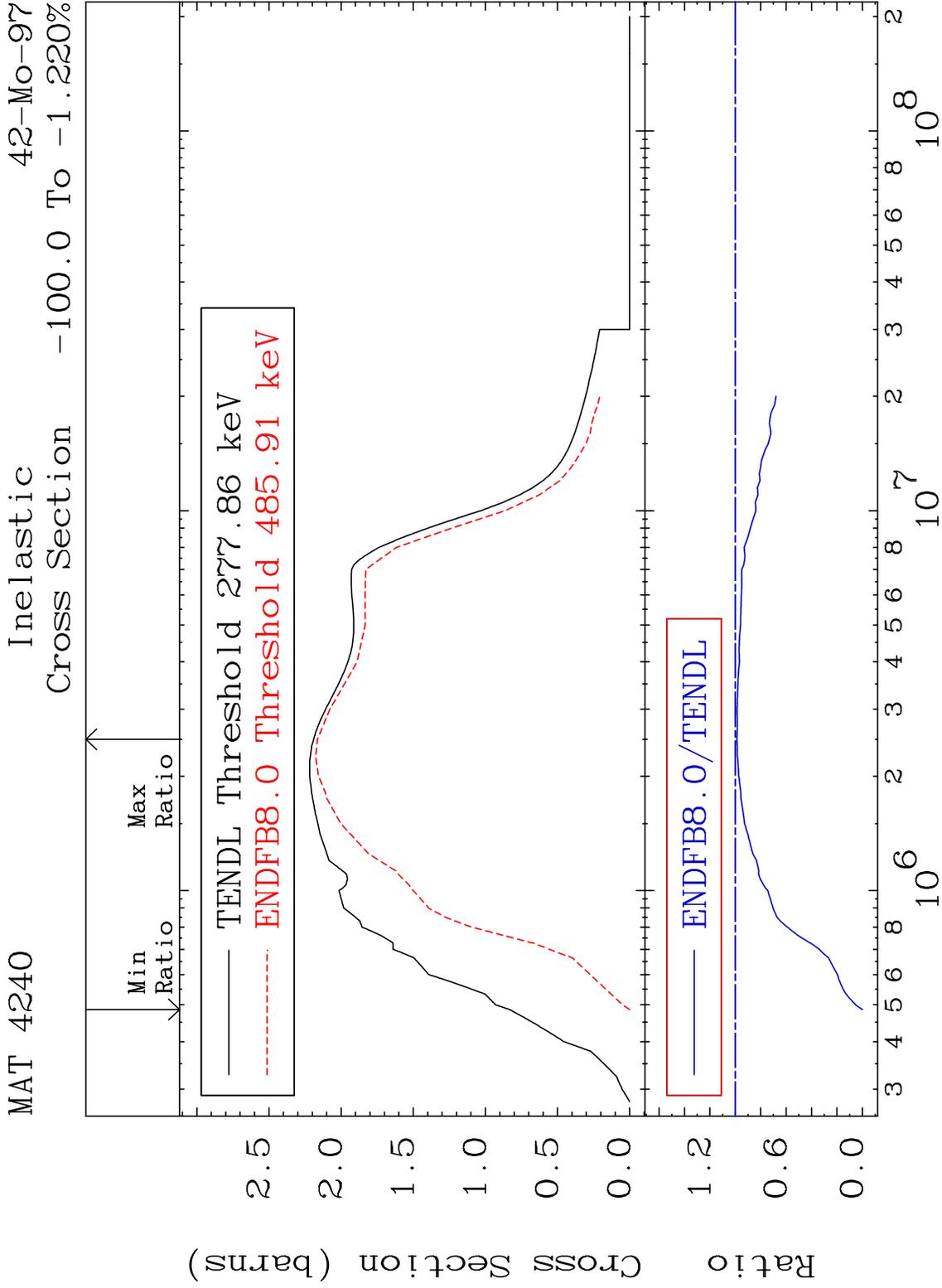
Press Mouse Button to Start



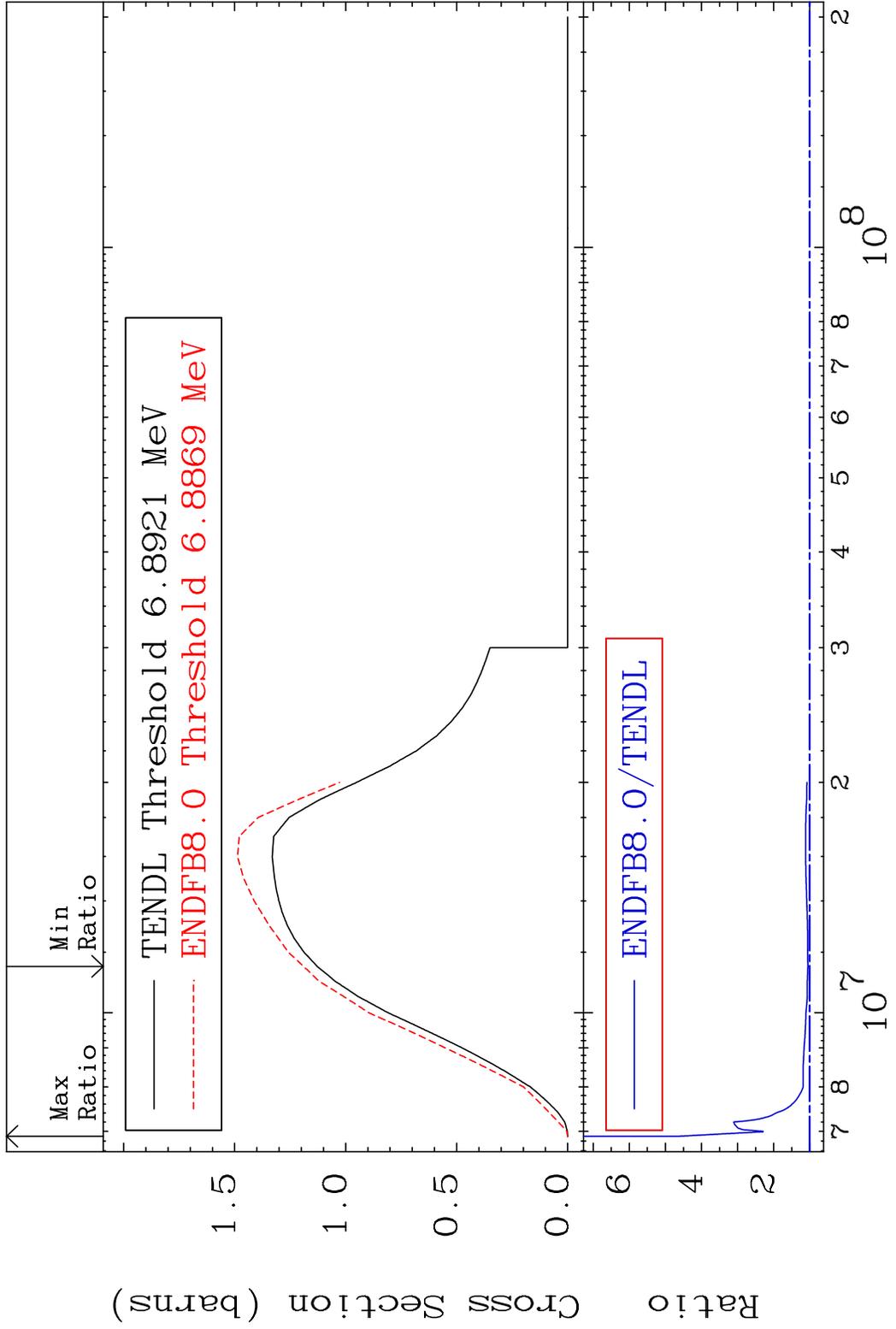
MAT 4240 Elastic 42-Mo-97
 Cross Section -12.92 To 20.27 %



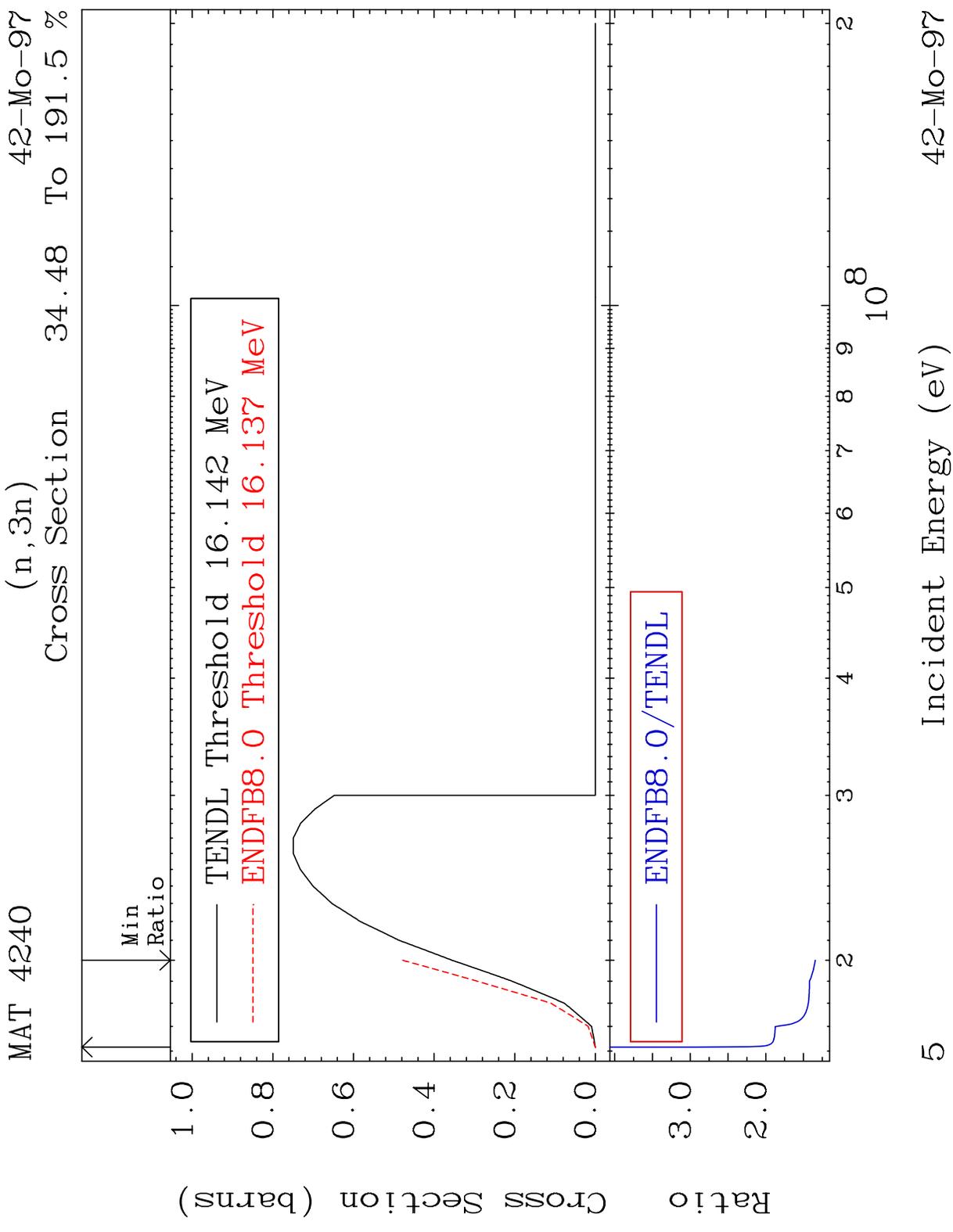
2 Incident Energy (eV) 42-Mo-97



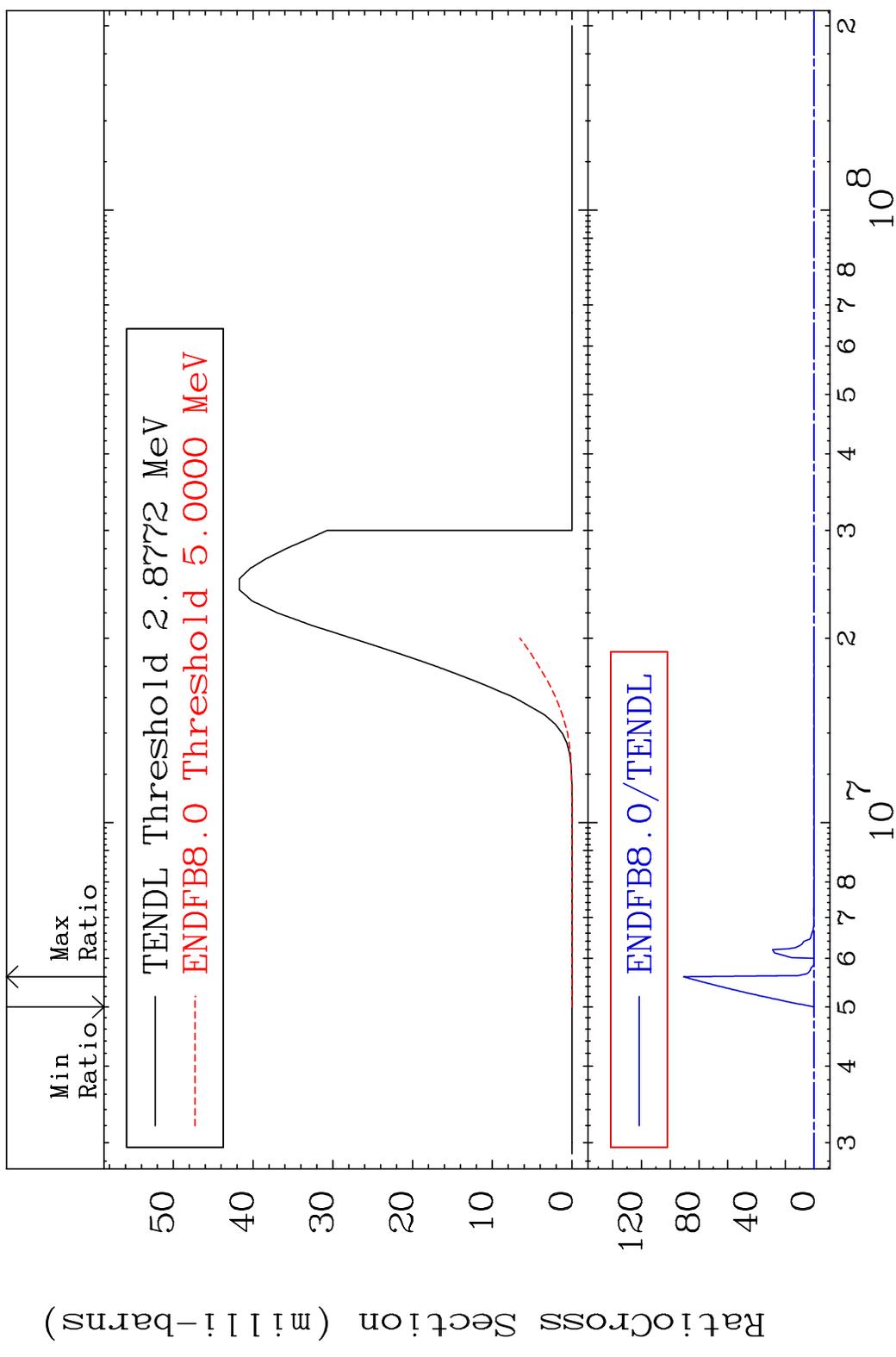
MAT 4240 (n,2n) 42-Mo-97
Cross Section 5.438 To 364.3 %



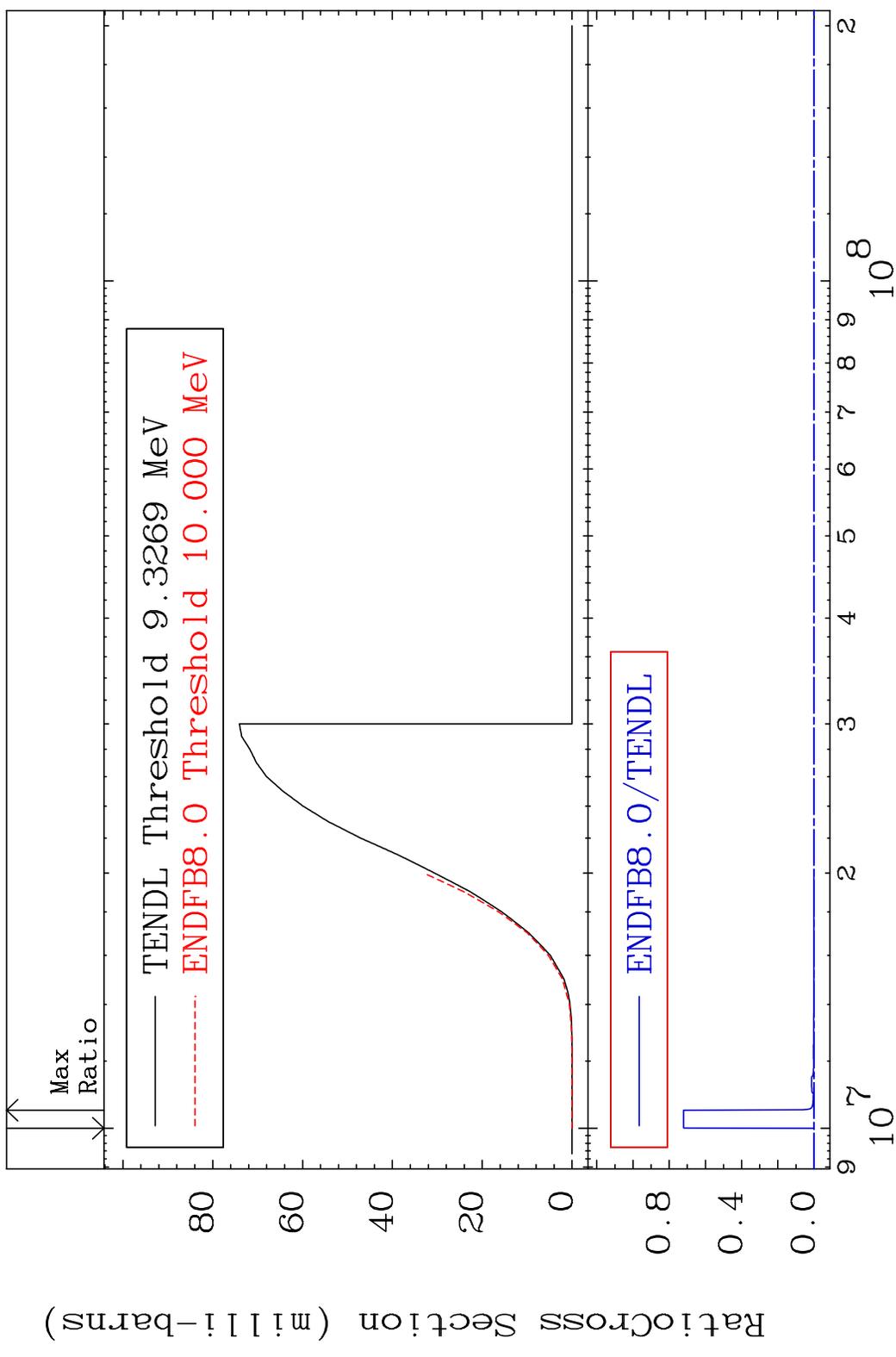
4 Incident Energy (eV) 42-Mo-97



MAT 4240 (n, n') α 42-Mo-97
 Cross Section -100.0 To 9999. %

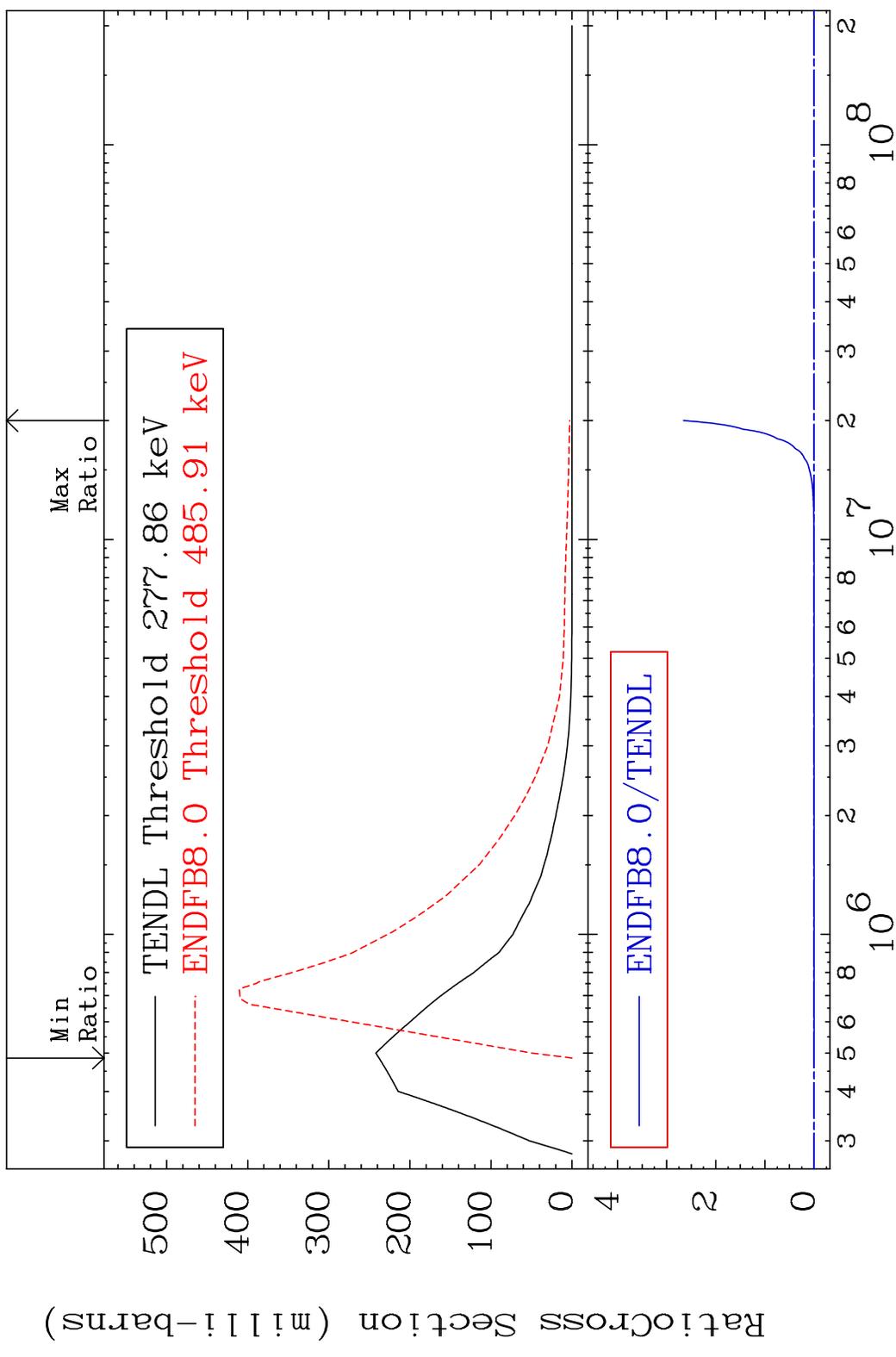


MAT 4240 (n, n') p 42-Mo-97
 Cross Section -100.0 To 9999. %



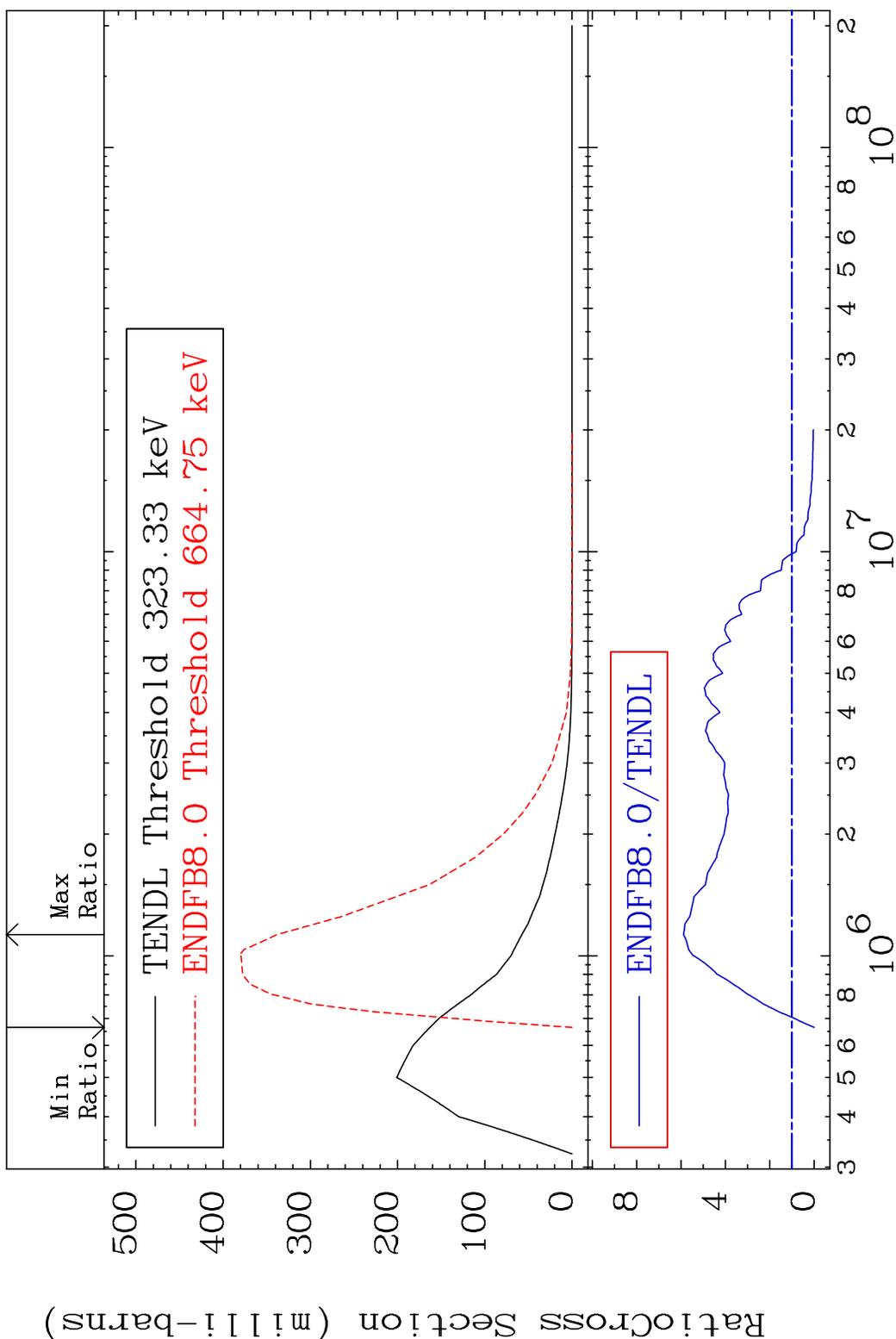
7 42-Mo-97

MAT 4240 MT= 51 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

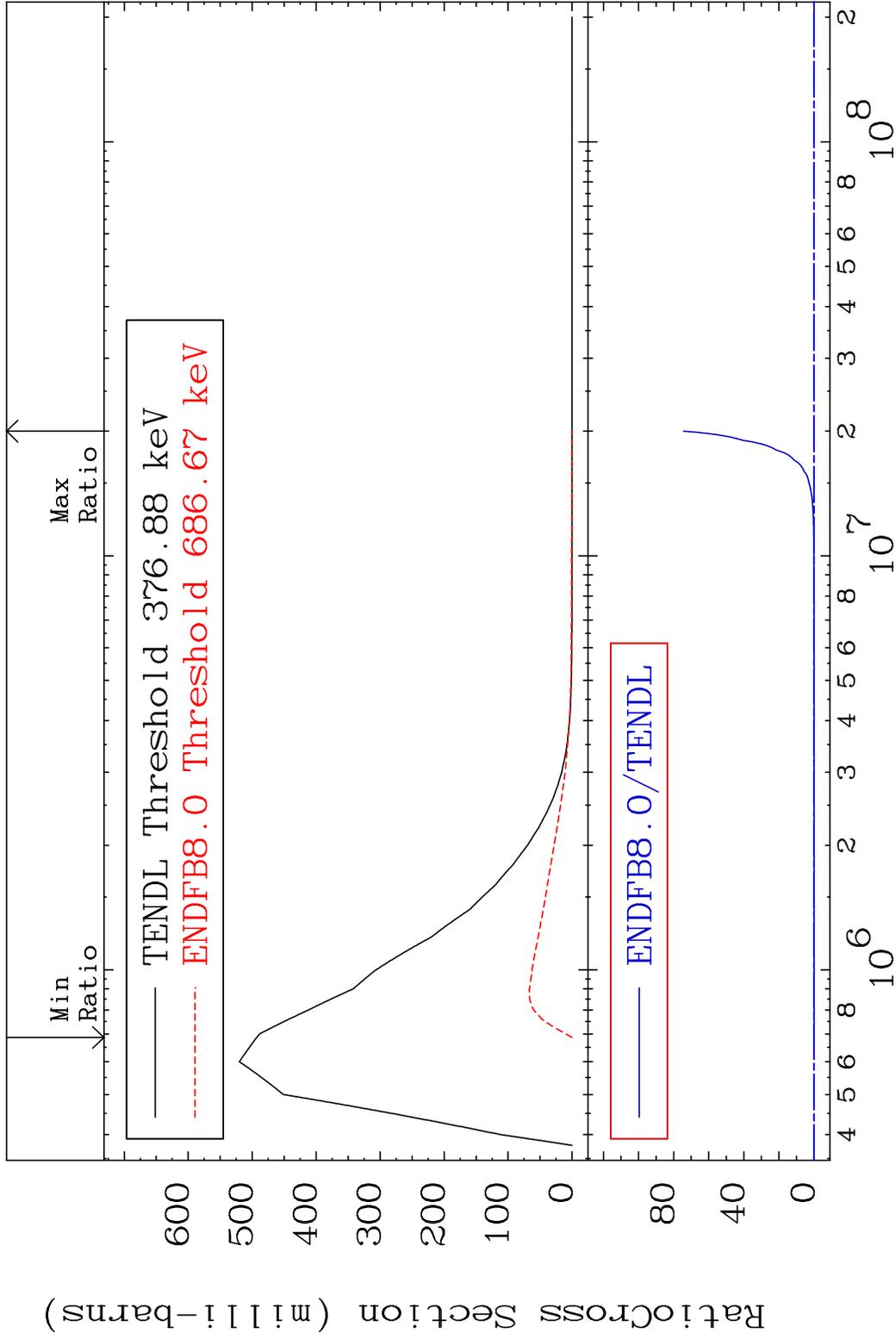


8 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 52 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 488.7 %

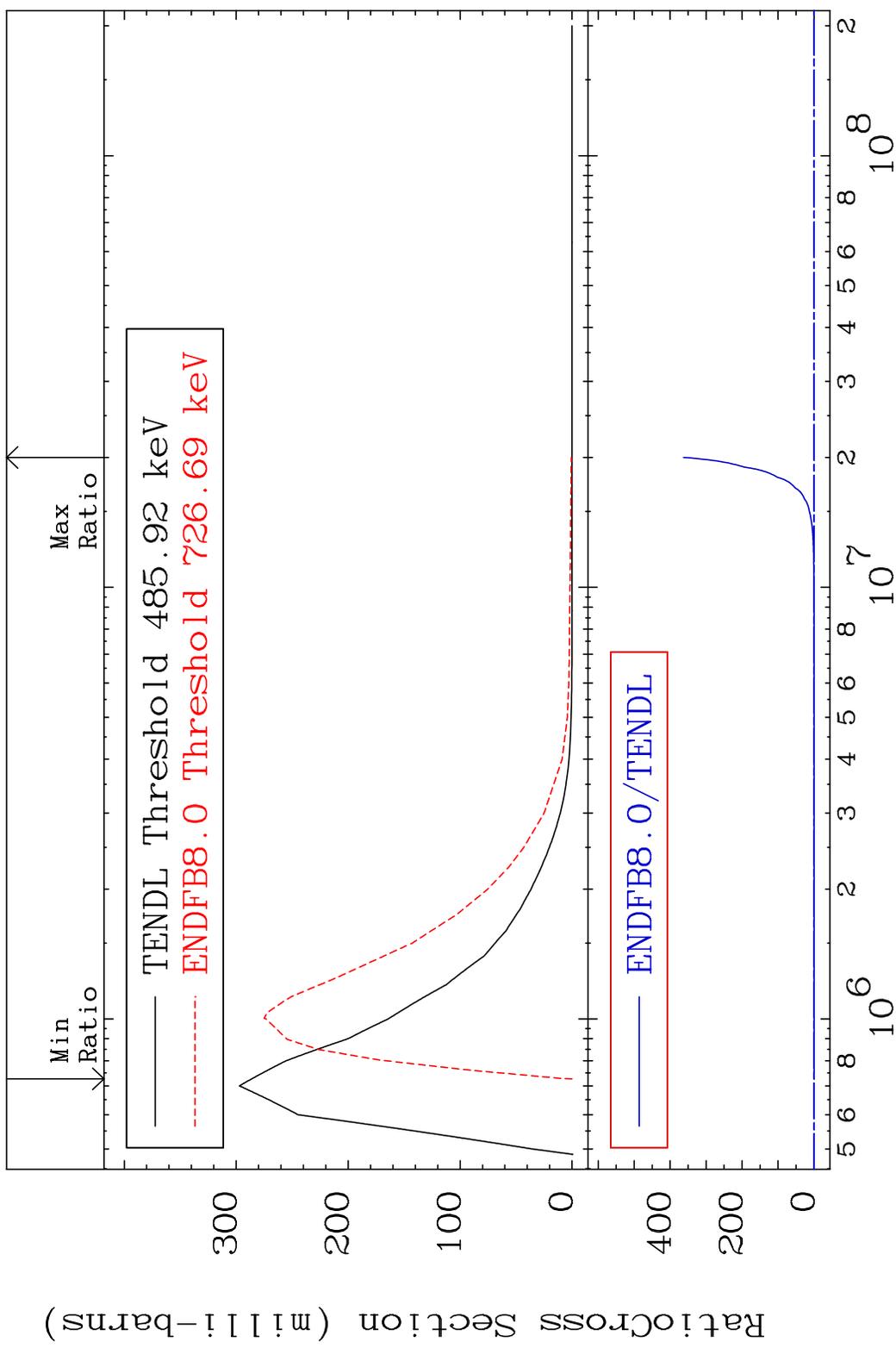


MAT 4240 MT= 53 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



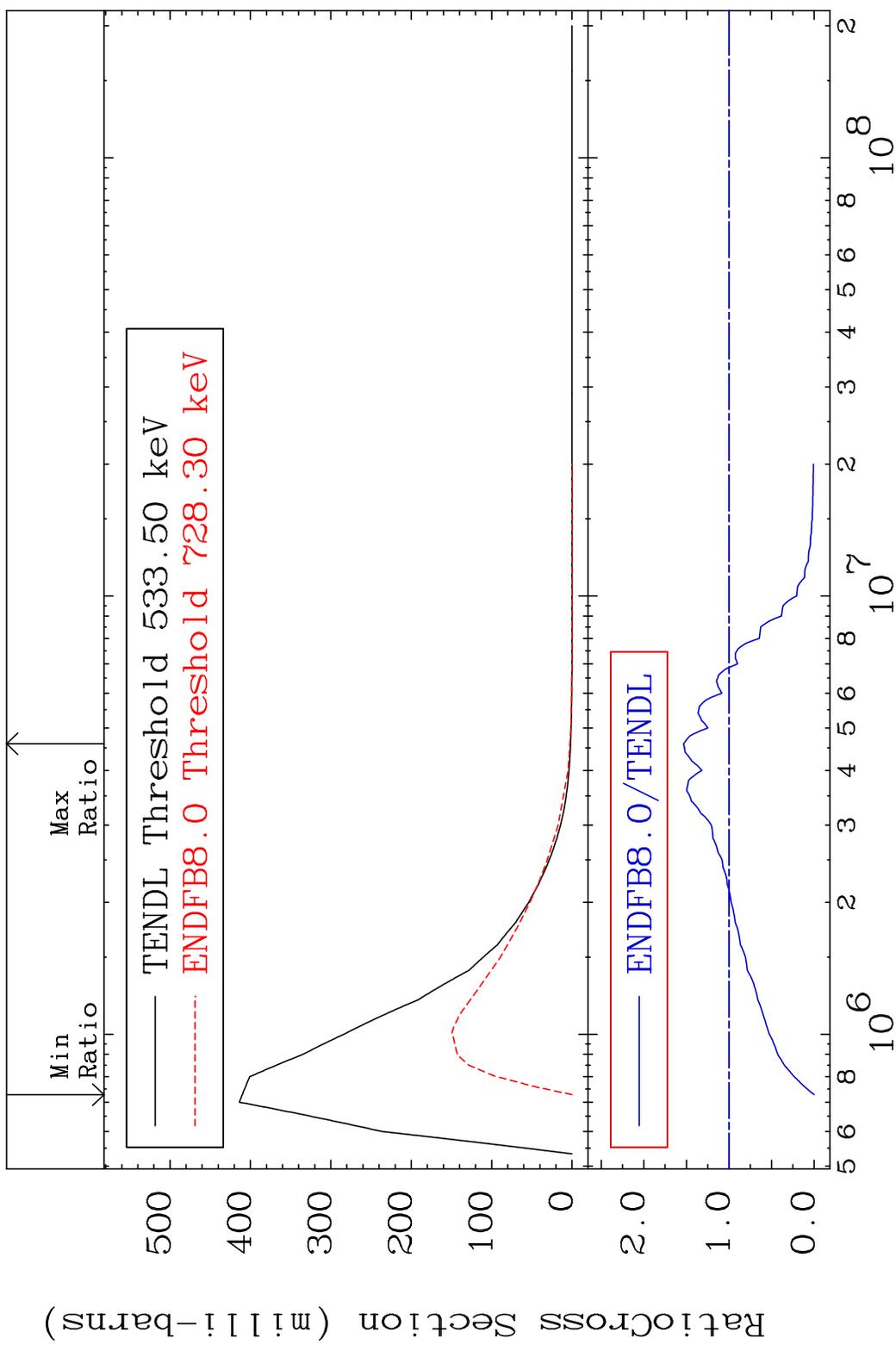
10 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 54 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



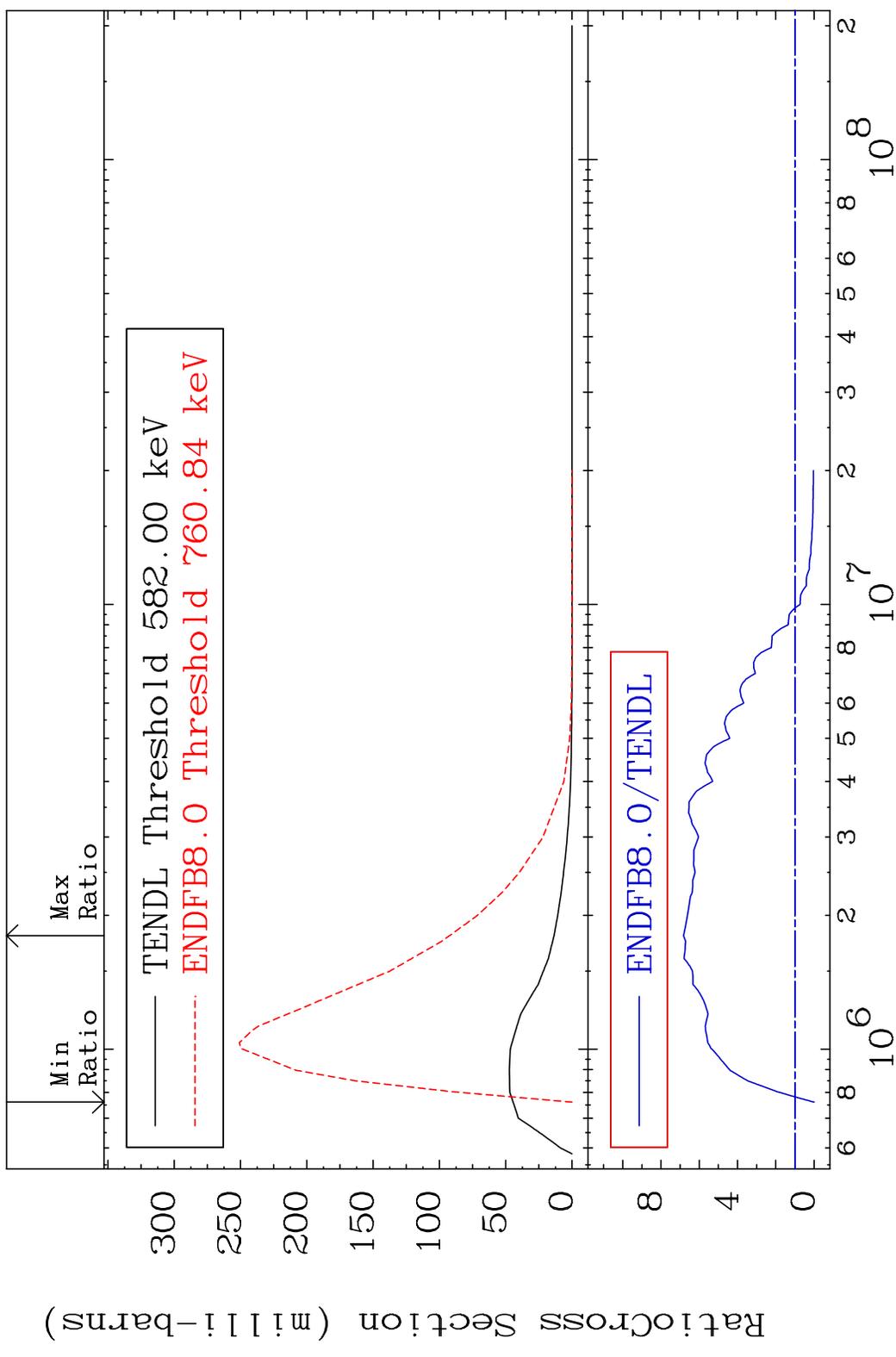
11 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 55 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 53.40 %



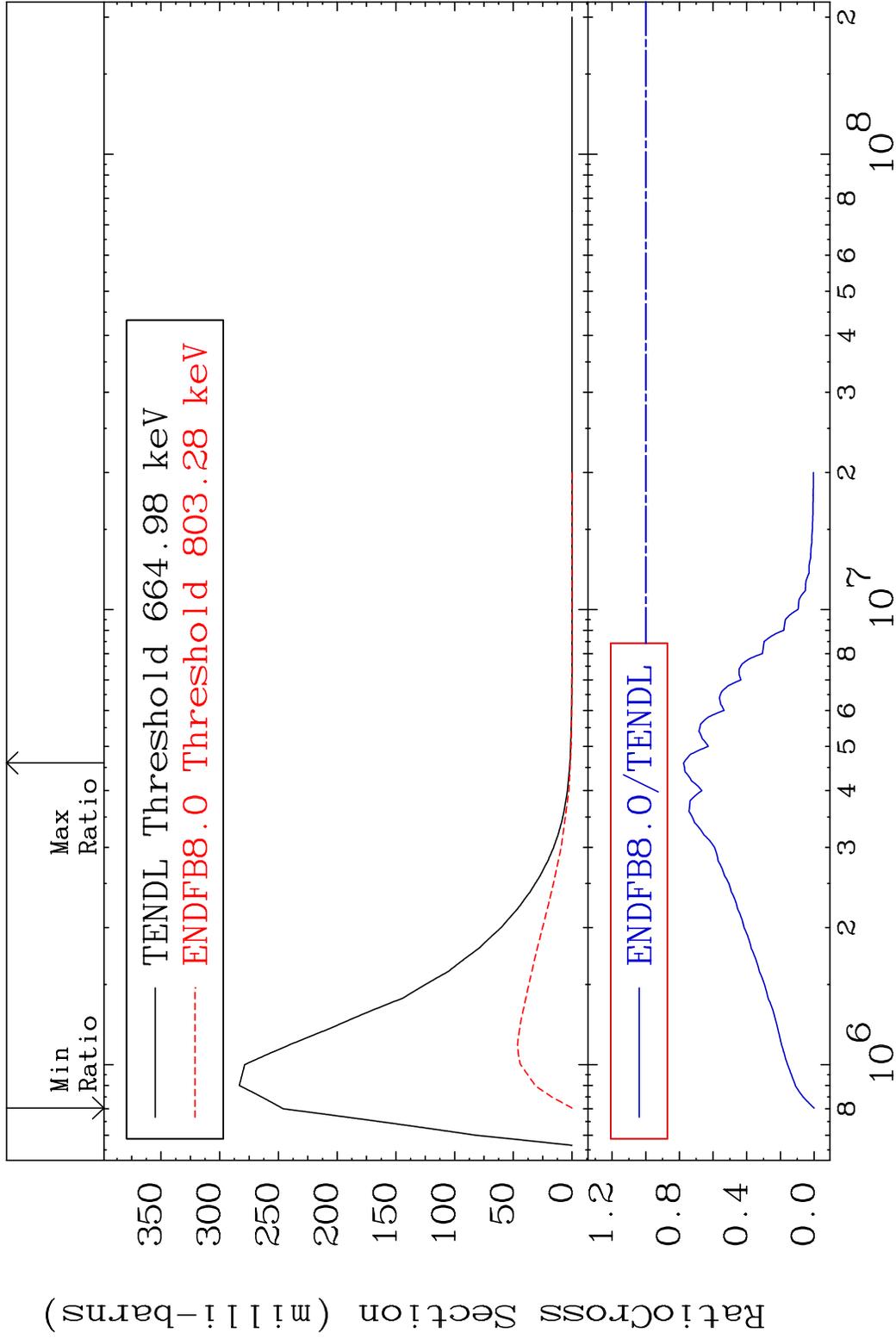
12 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 56 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 582.2 %



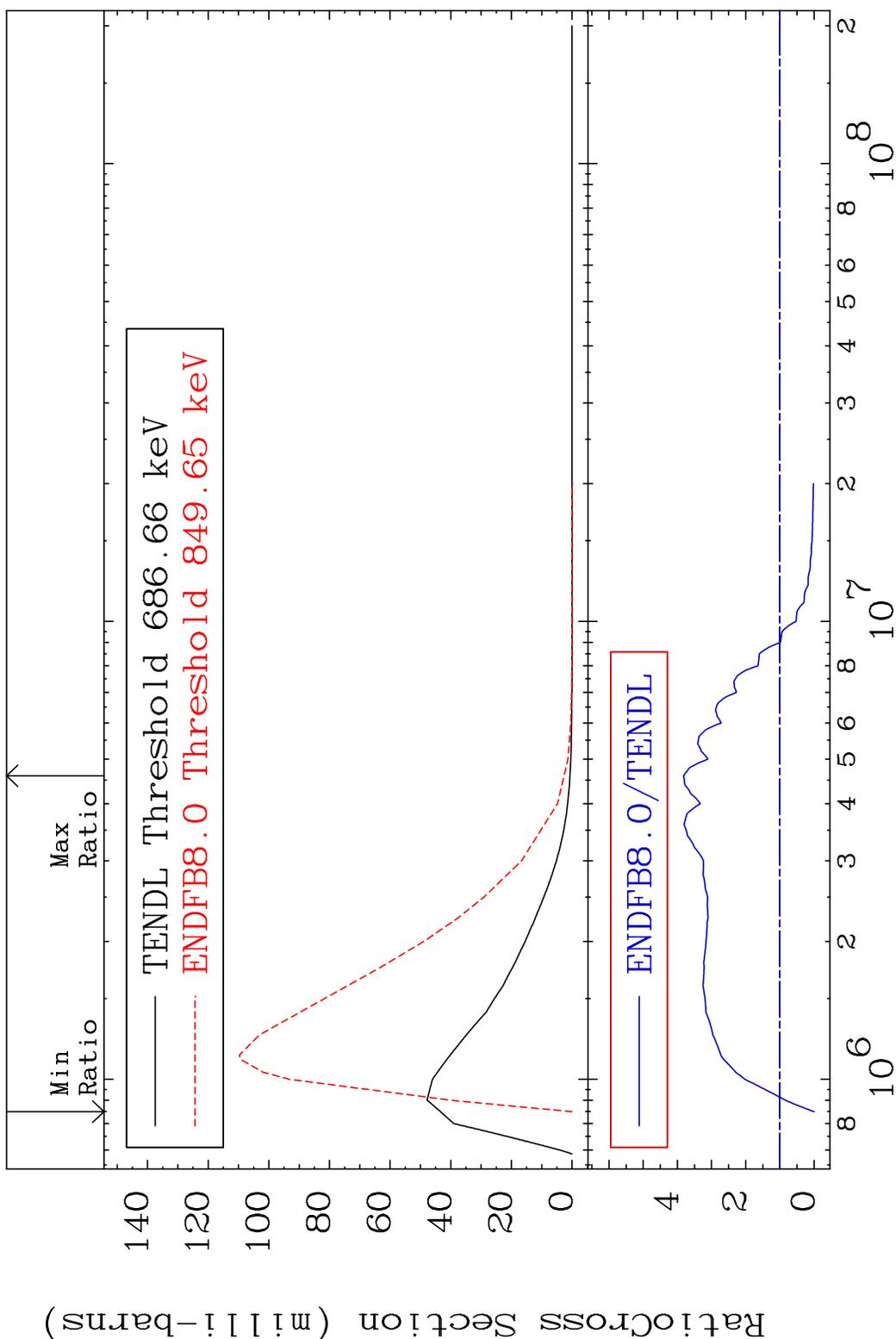
13 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 57 (n, n') Level 42-Mo-97
 Cross Section -100.0 To -22.45%



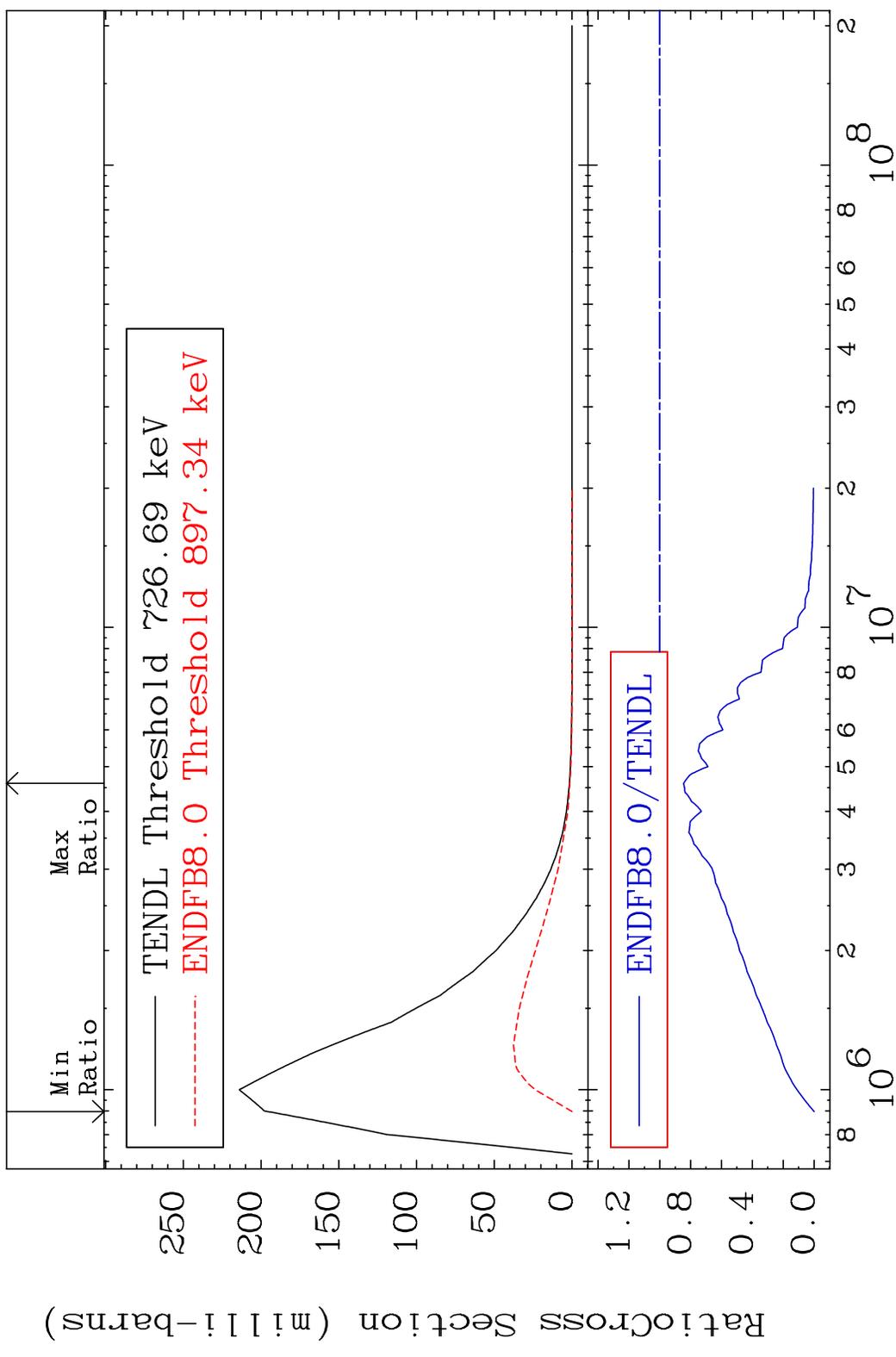
14 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 58 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 282.0 %



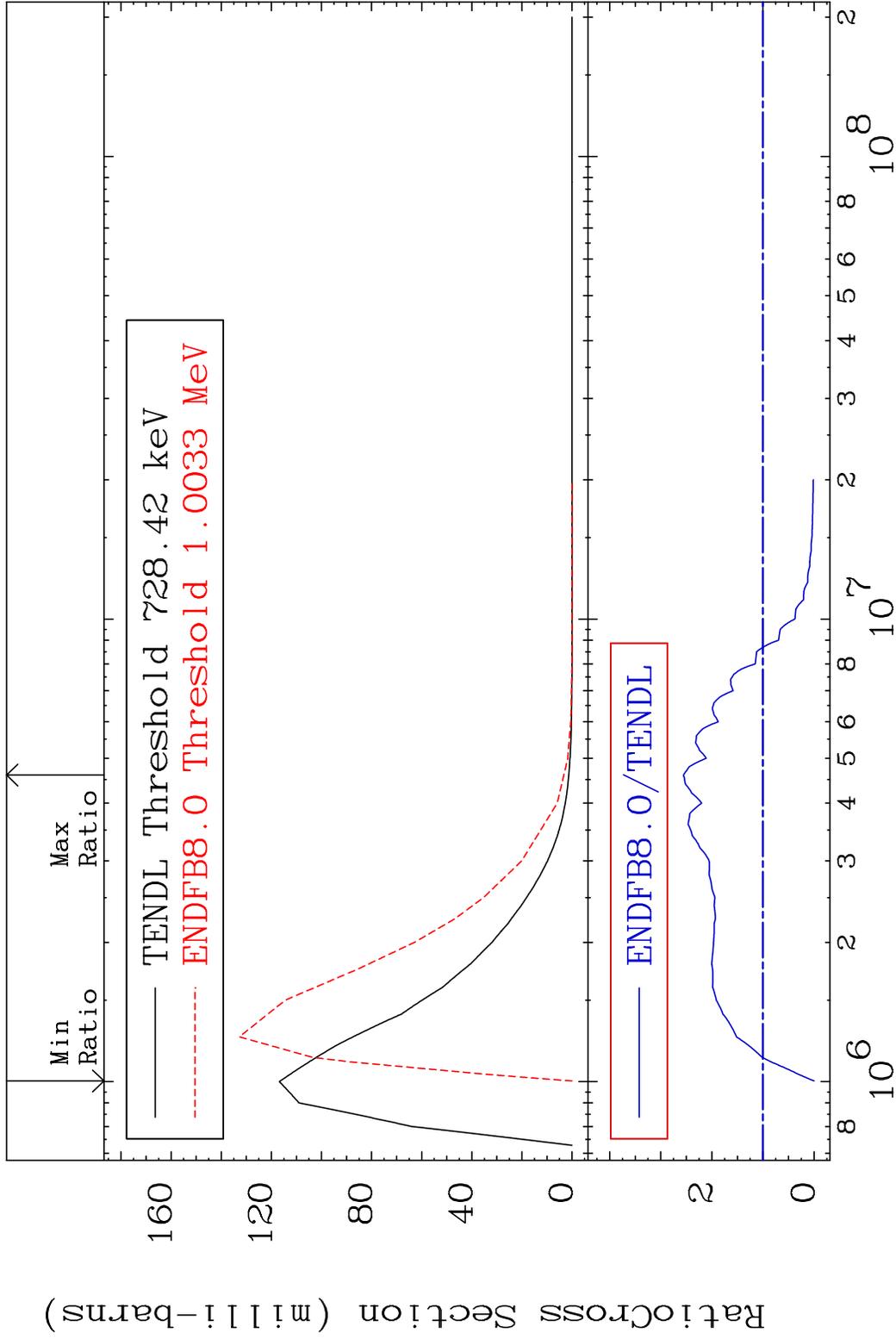
15 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 59 (n, n') Level 42-Mo-97
 Cross Section -100.0 To -15.39%



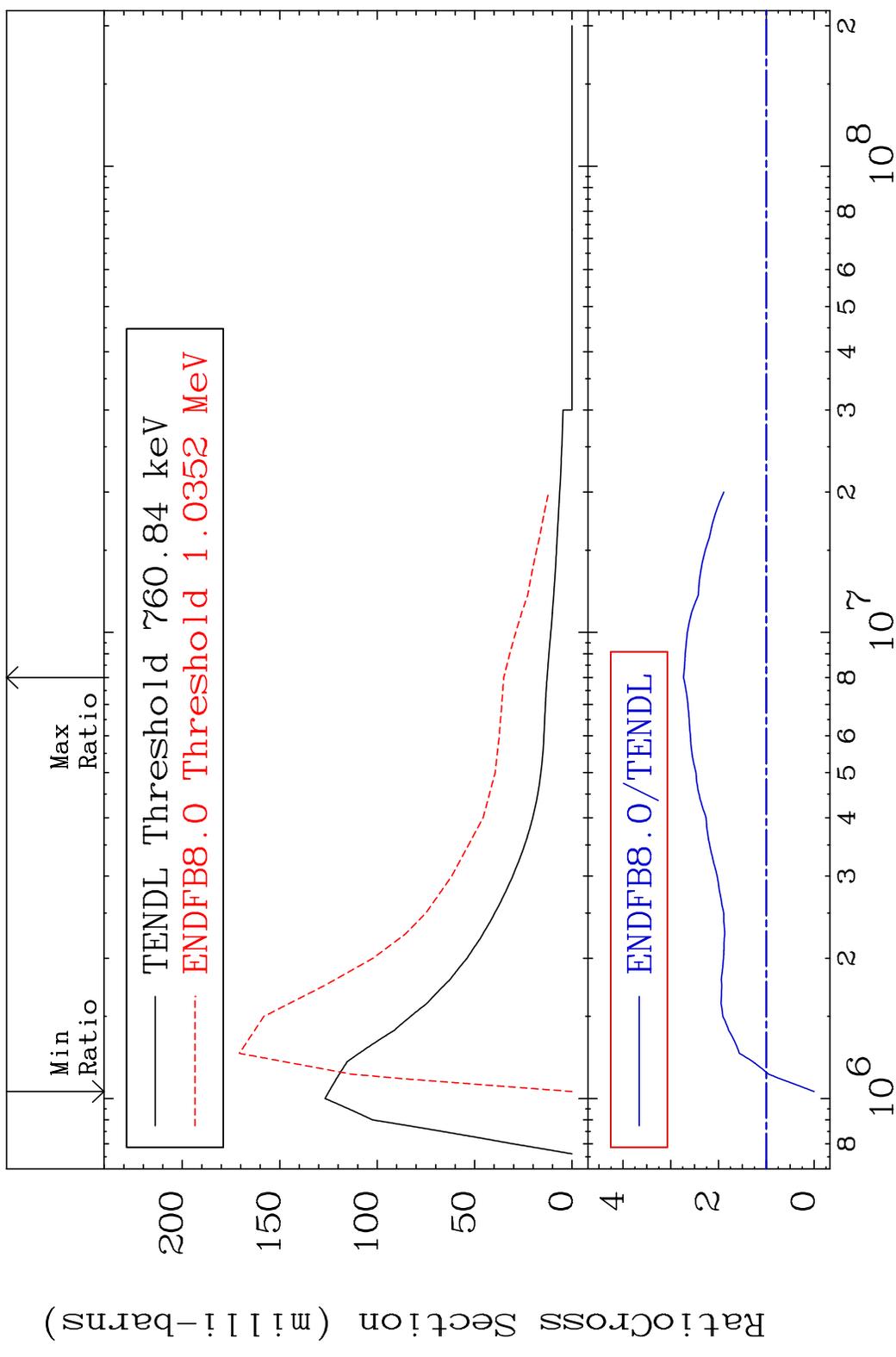
16 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 60 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 155.5 %



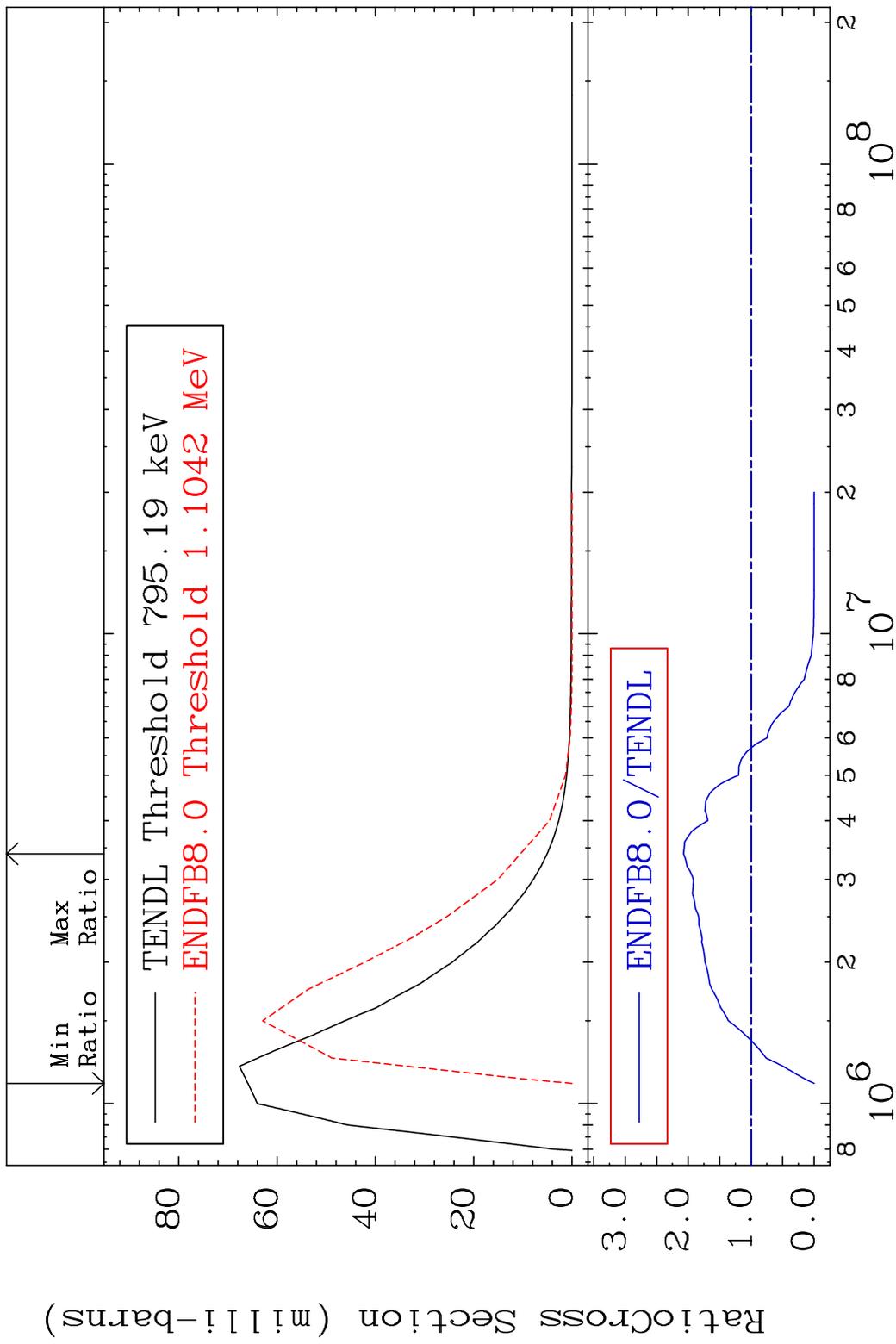
17 42-Mo-97

MAT 4240 MT= 61 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 173.2 %



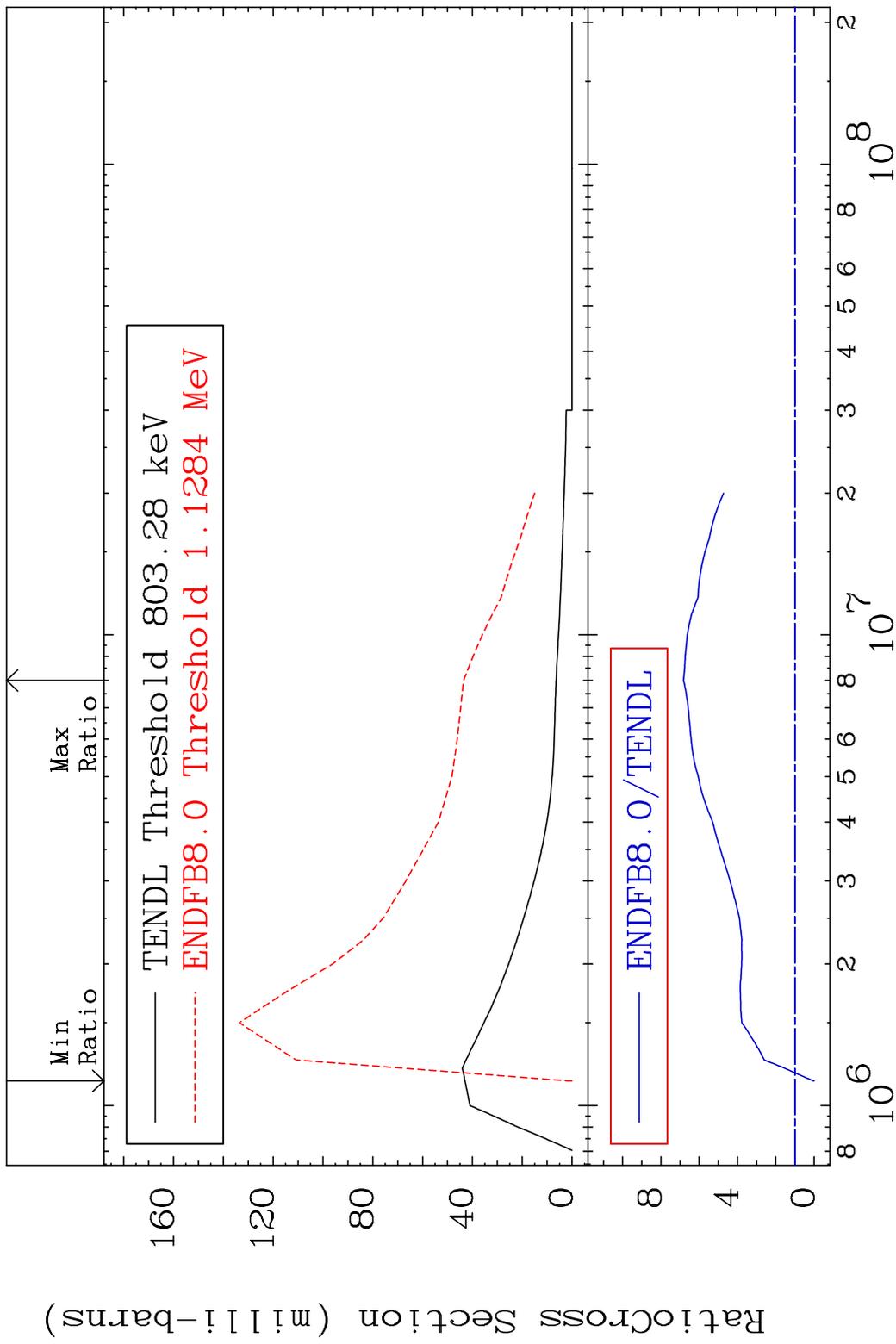
18 42-Mo-97

MAT 4240 MT= 62 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 107.4 %



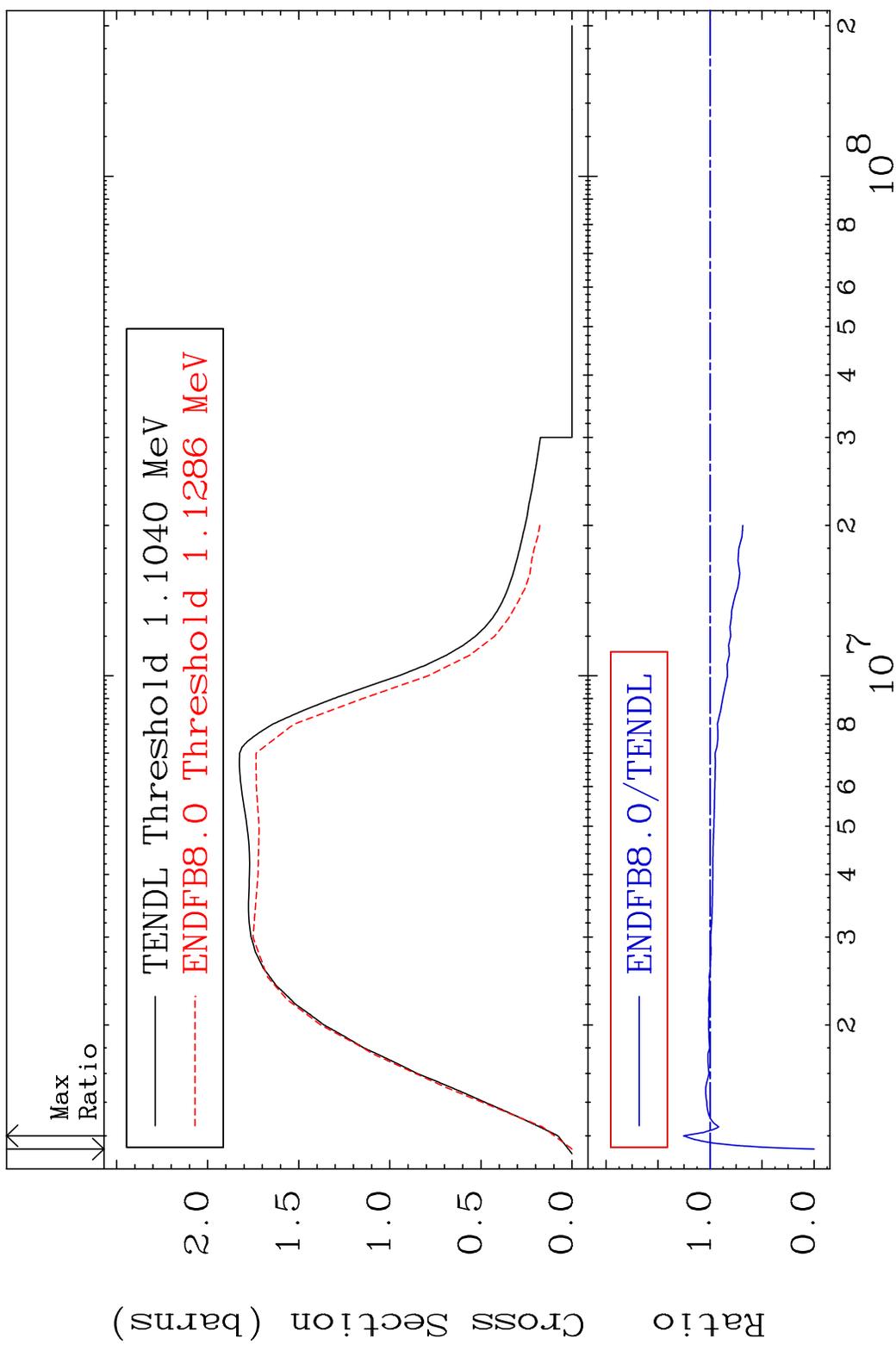
19 Incident Energy (eV) 42-Mo-97

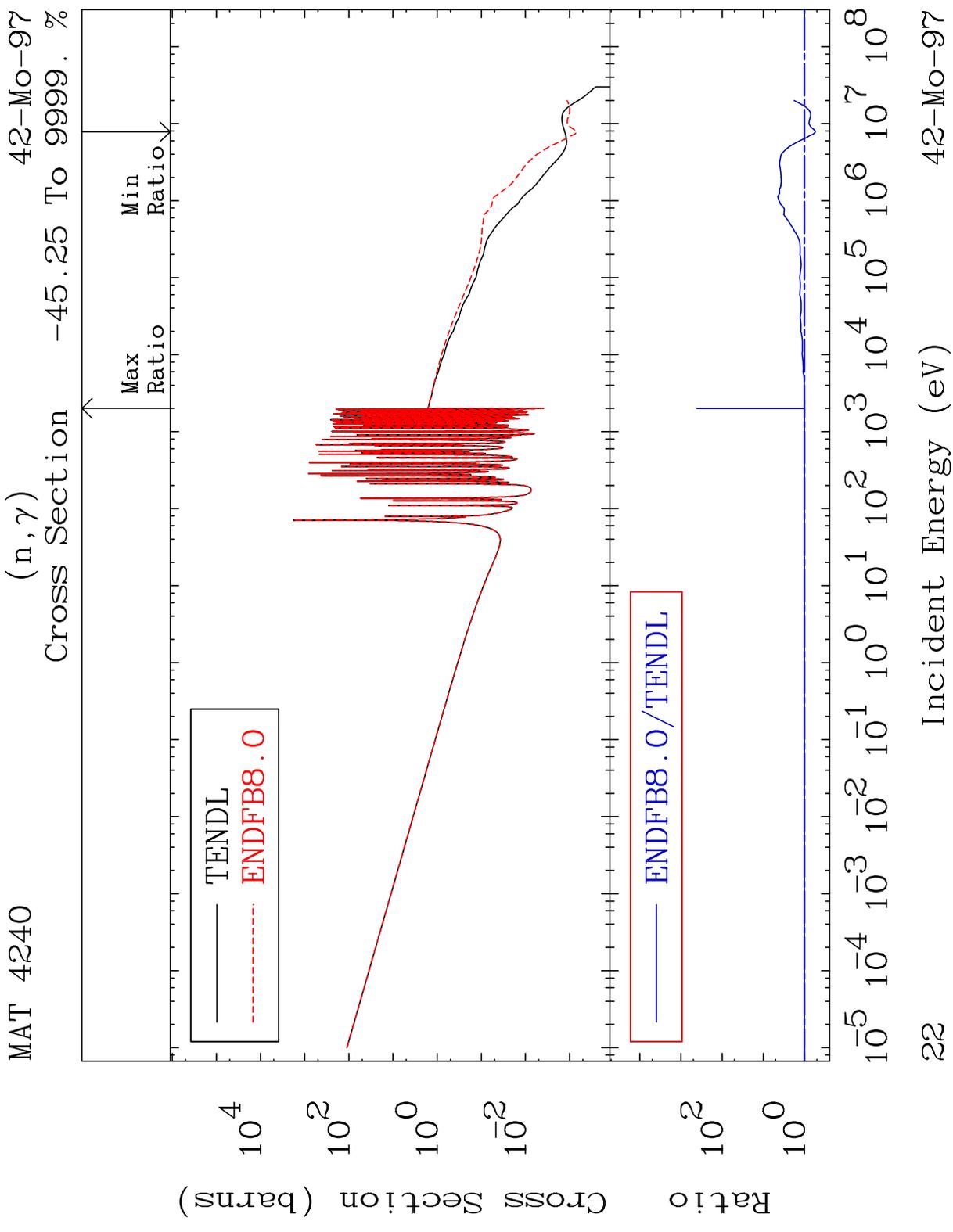
MAT 4240 MT= 63 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 581.8 %

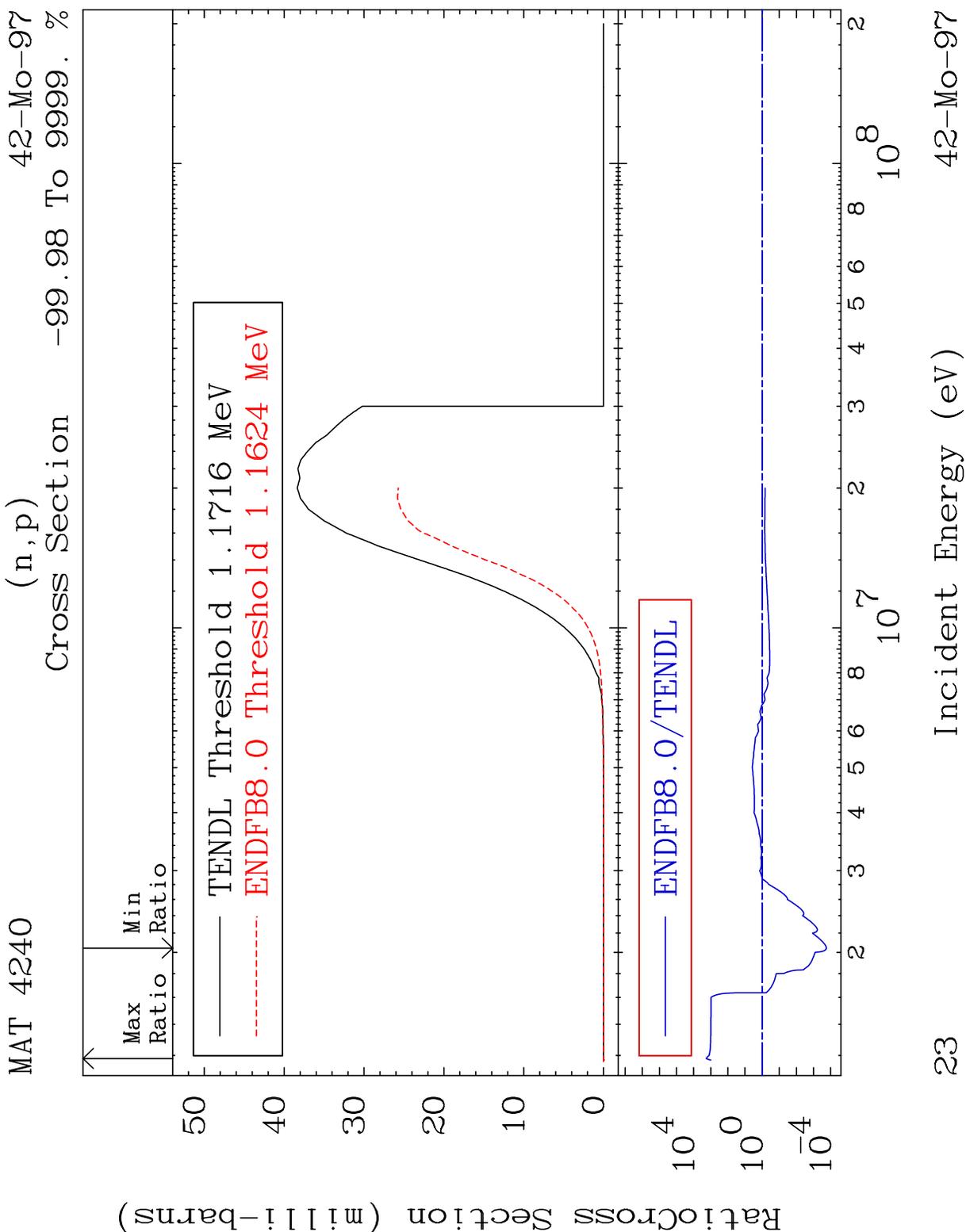


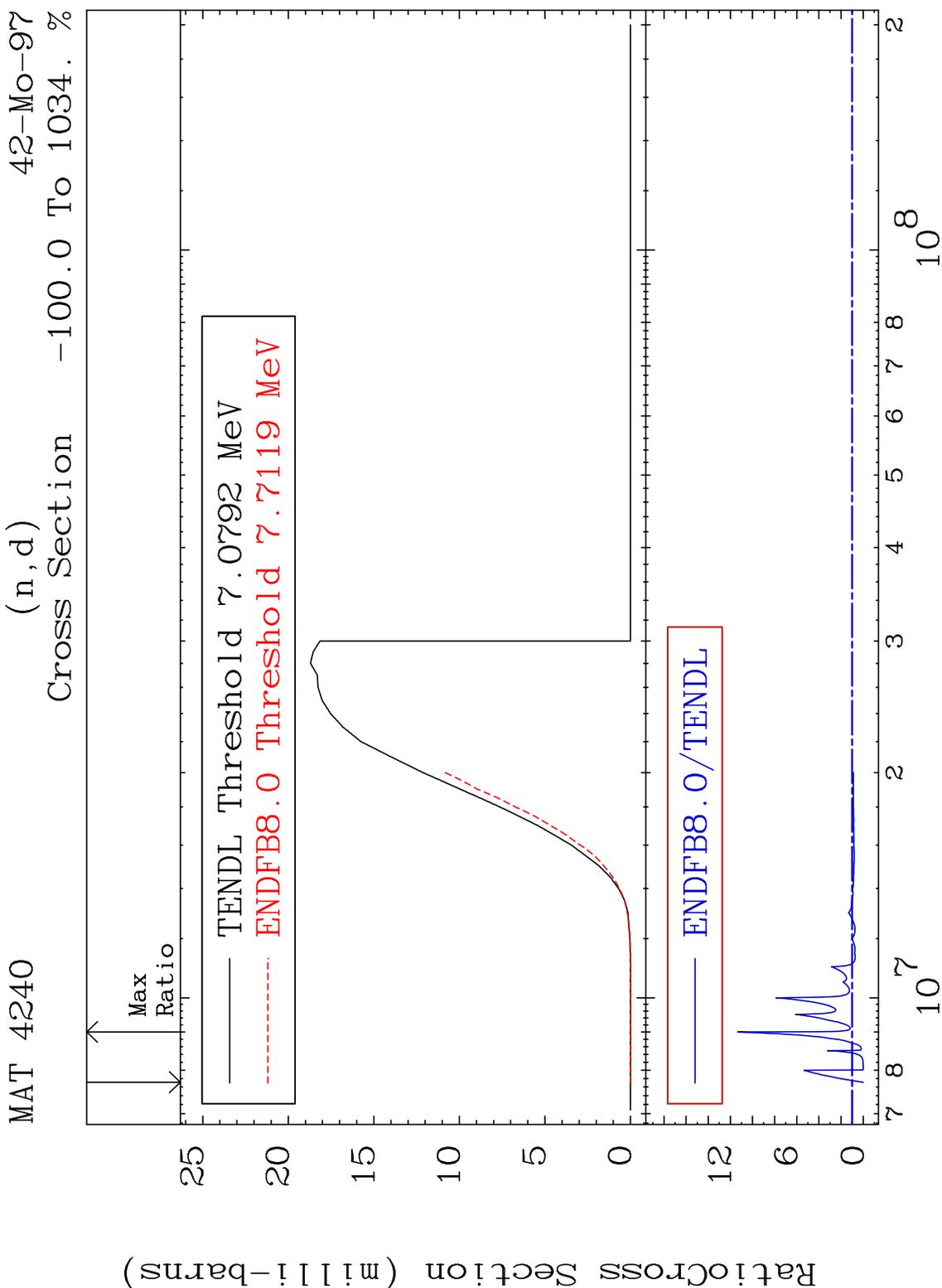
20 42-Mo-97

MAT 4240 (n, n') Continuum 42-Mo-97
 Cross Section -100.0 To 25.49 %

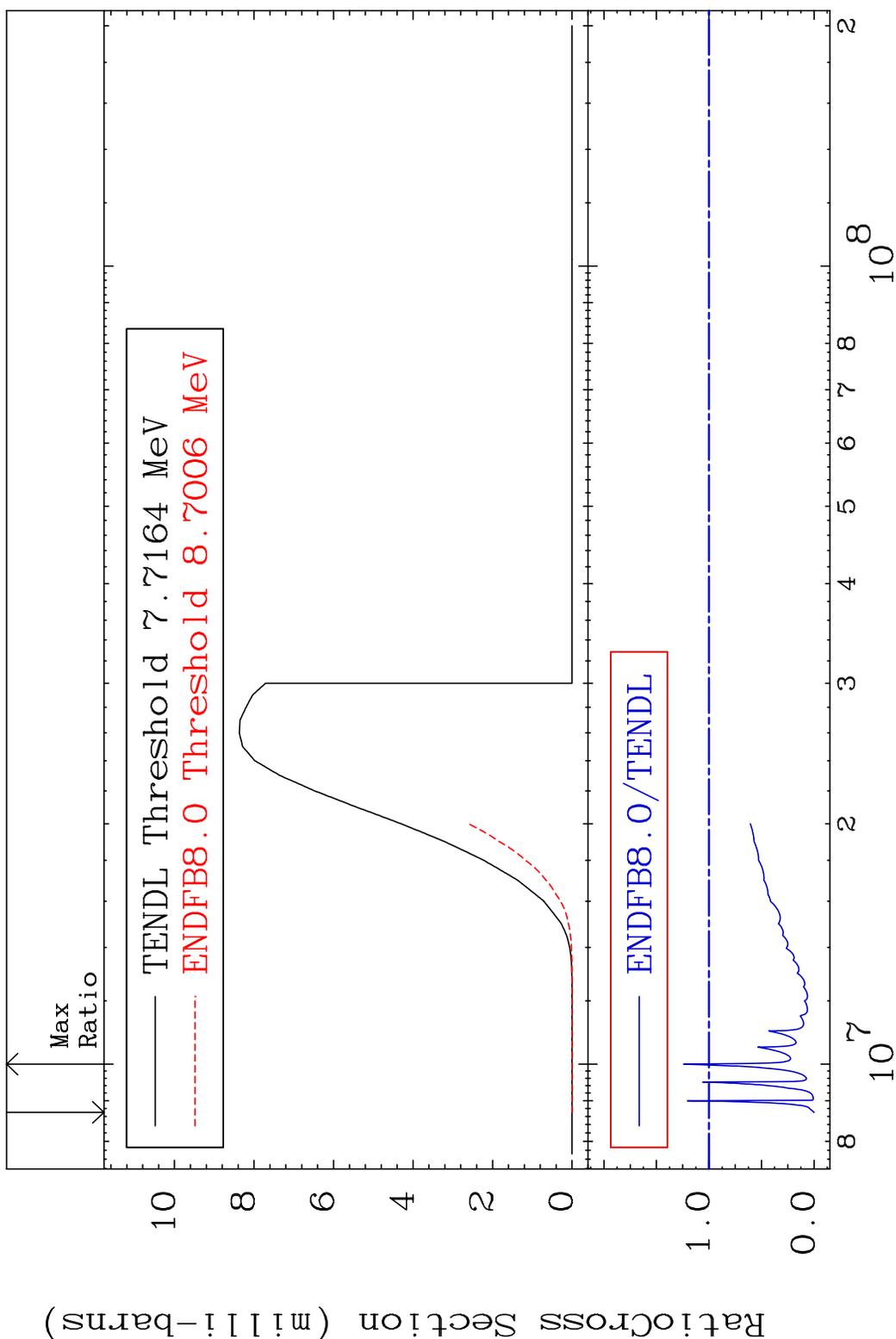




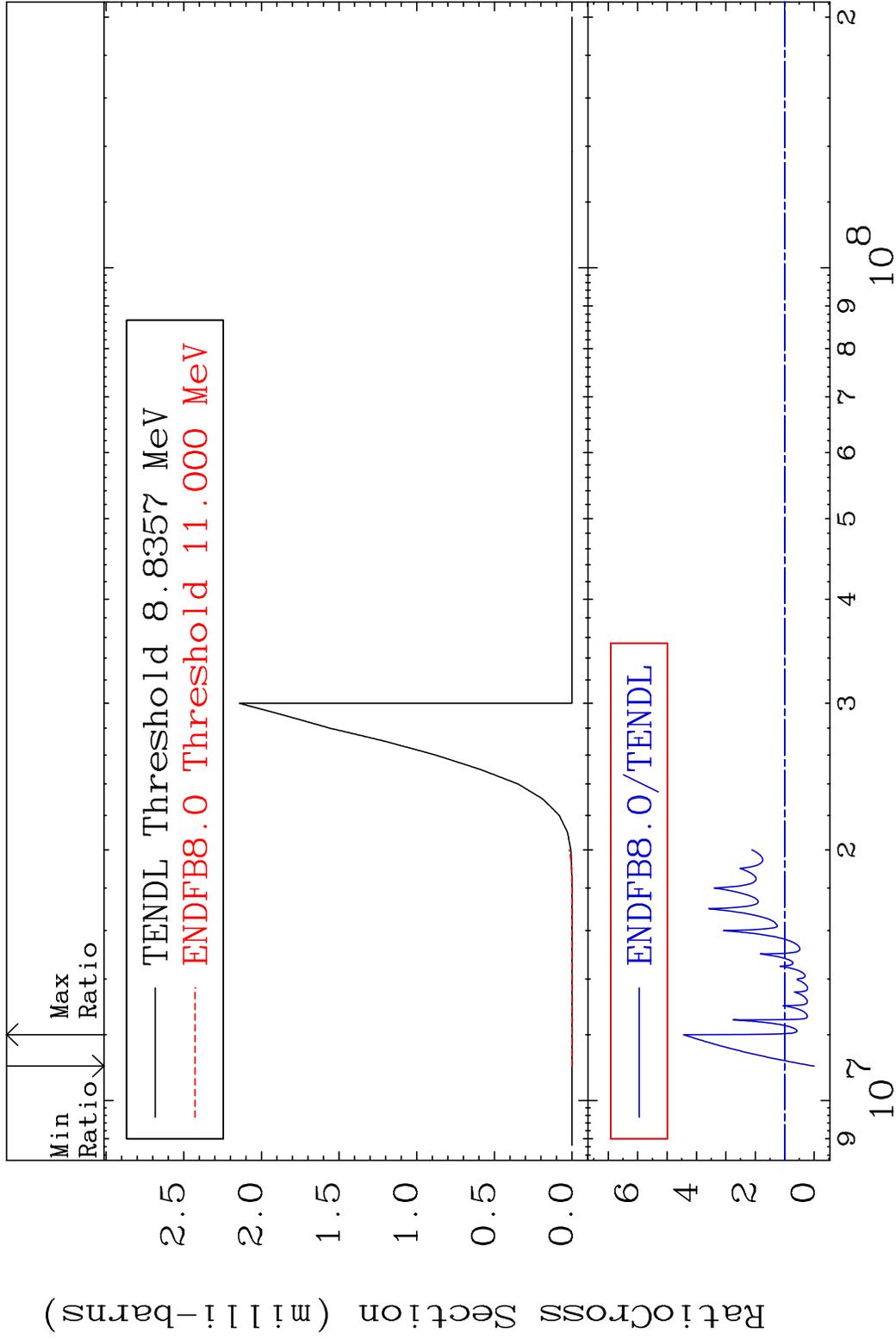


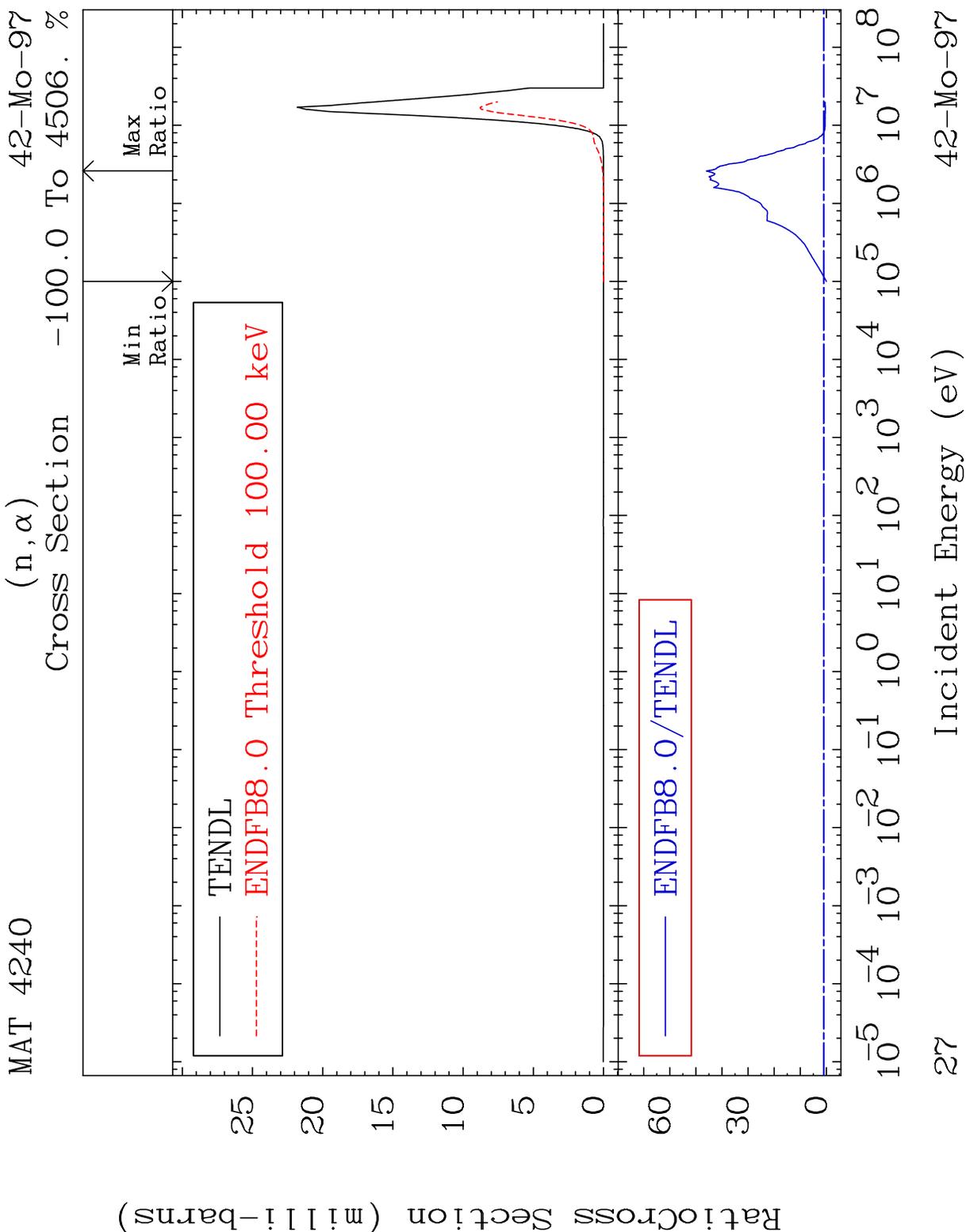


MAT 4240 (n, t) 42-Mo-97
 Cross Section -100.0 To 24.24 %

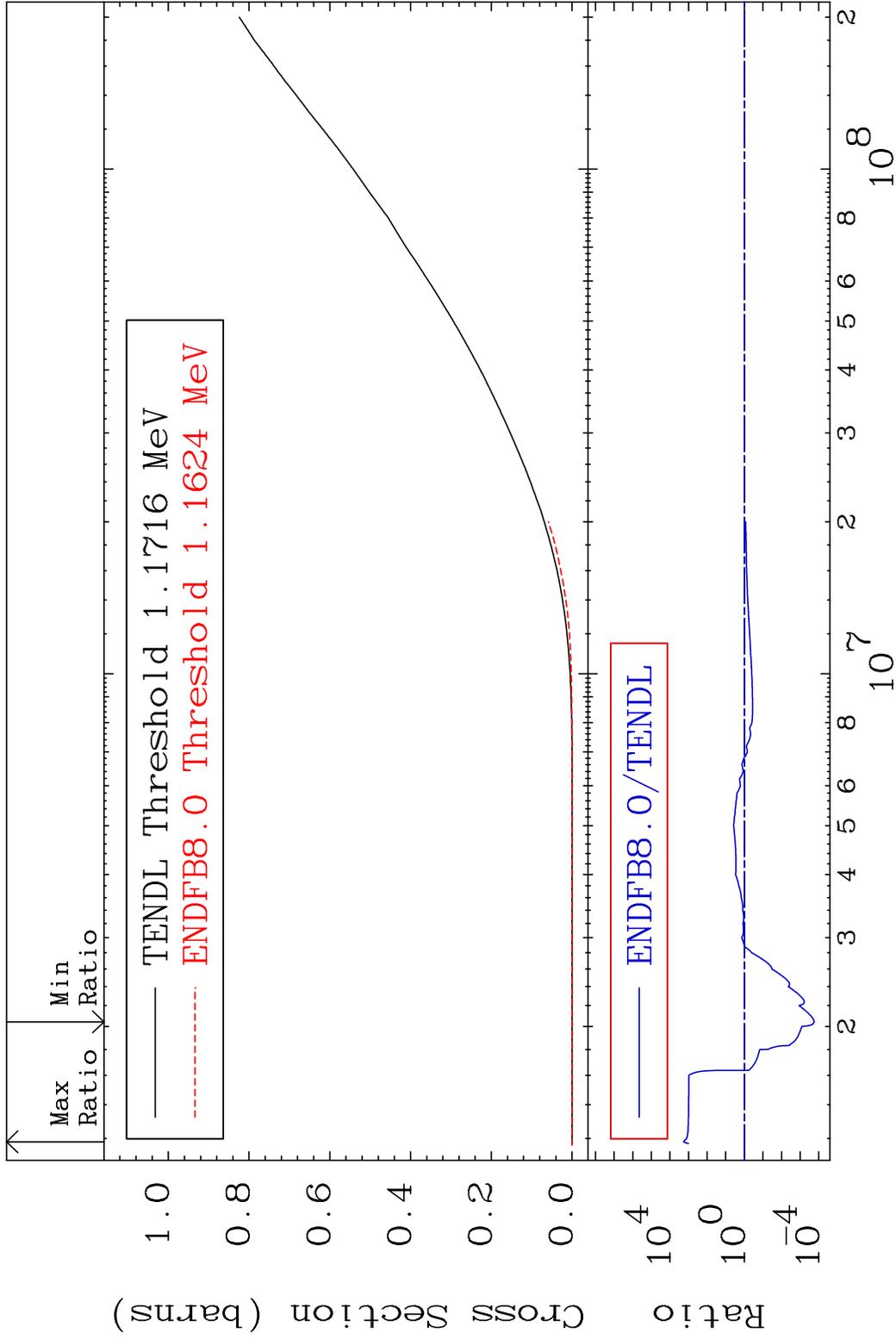


MAT 4240 (n, He-3) 42-Mo-97
 Cross Section -100.0 To 344.1 %

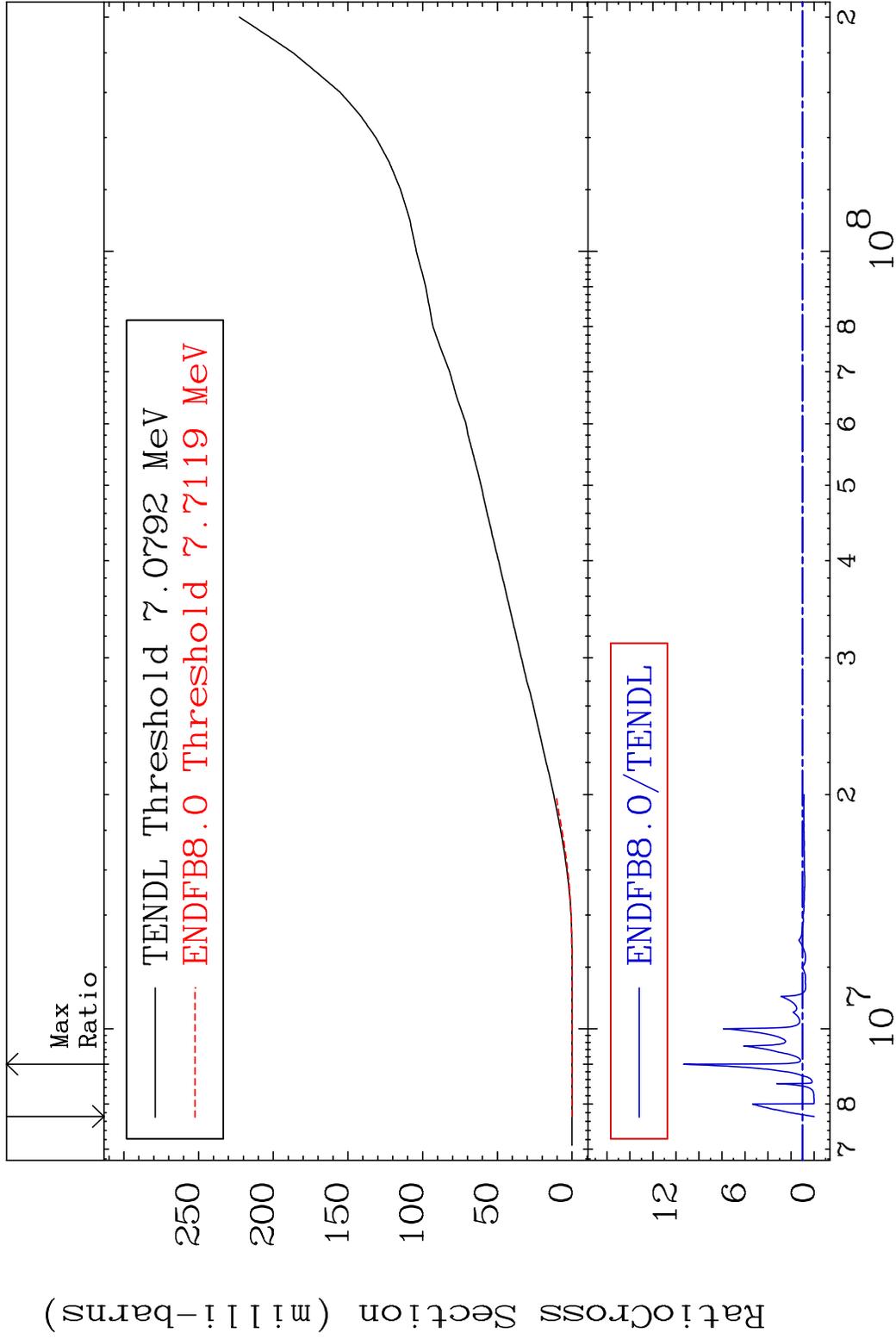




MAT 4240 Hydrogen Production 42-Mo-97
 Cross Section -99.98 To 9999. %

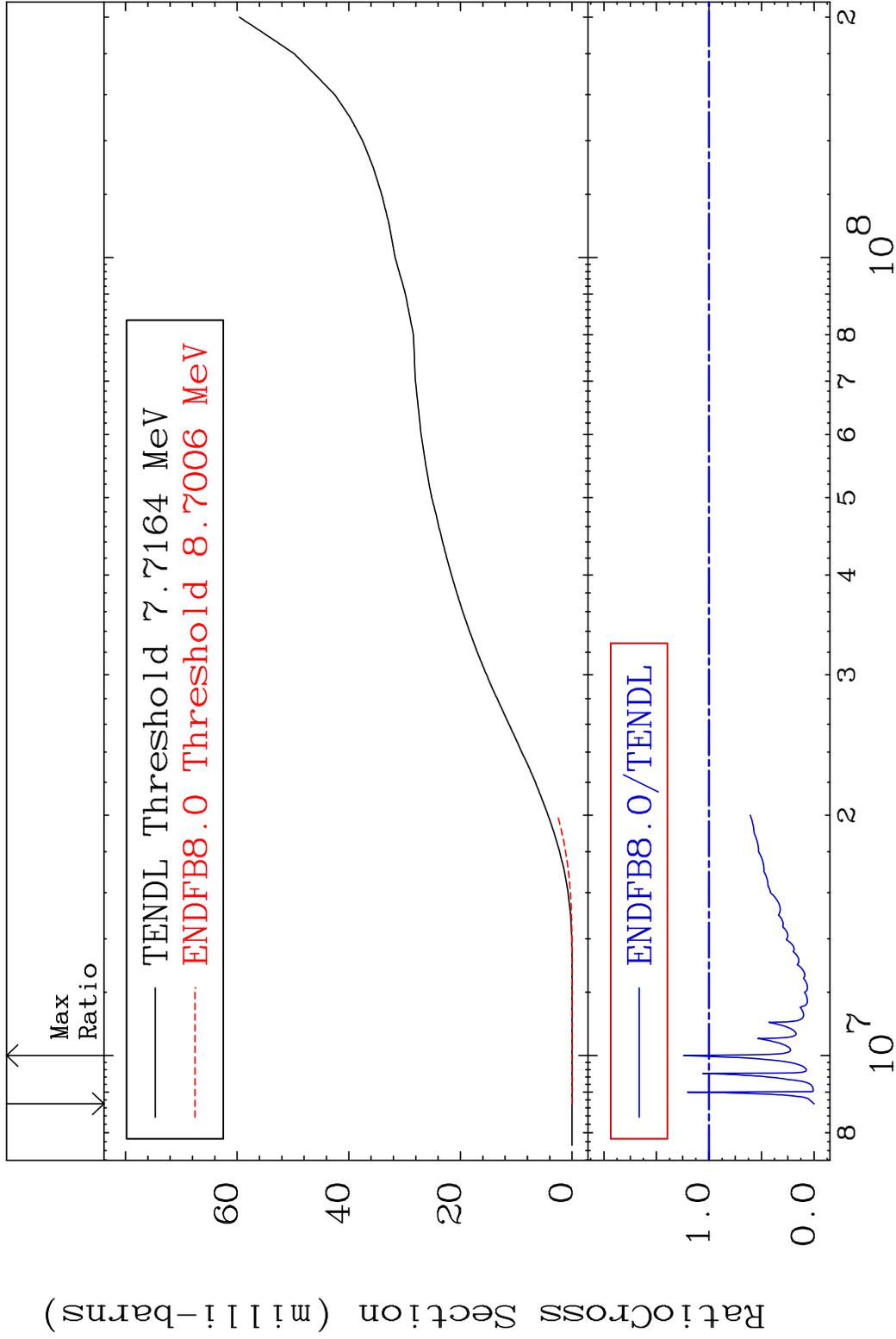


MAT 4240 Deuterium Production 42-Mo-97
Cross Section -100.0 To 1034. %



29 42-Mo-97

MAT 4240 Tritium Production 42-Mo-97
Cross Section -100.0 To 24.24 %



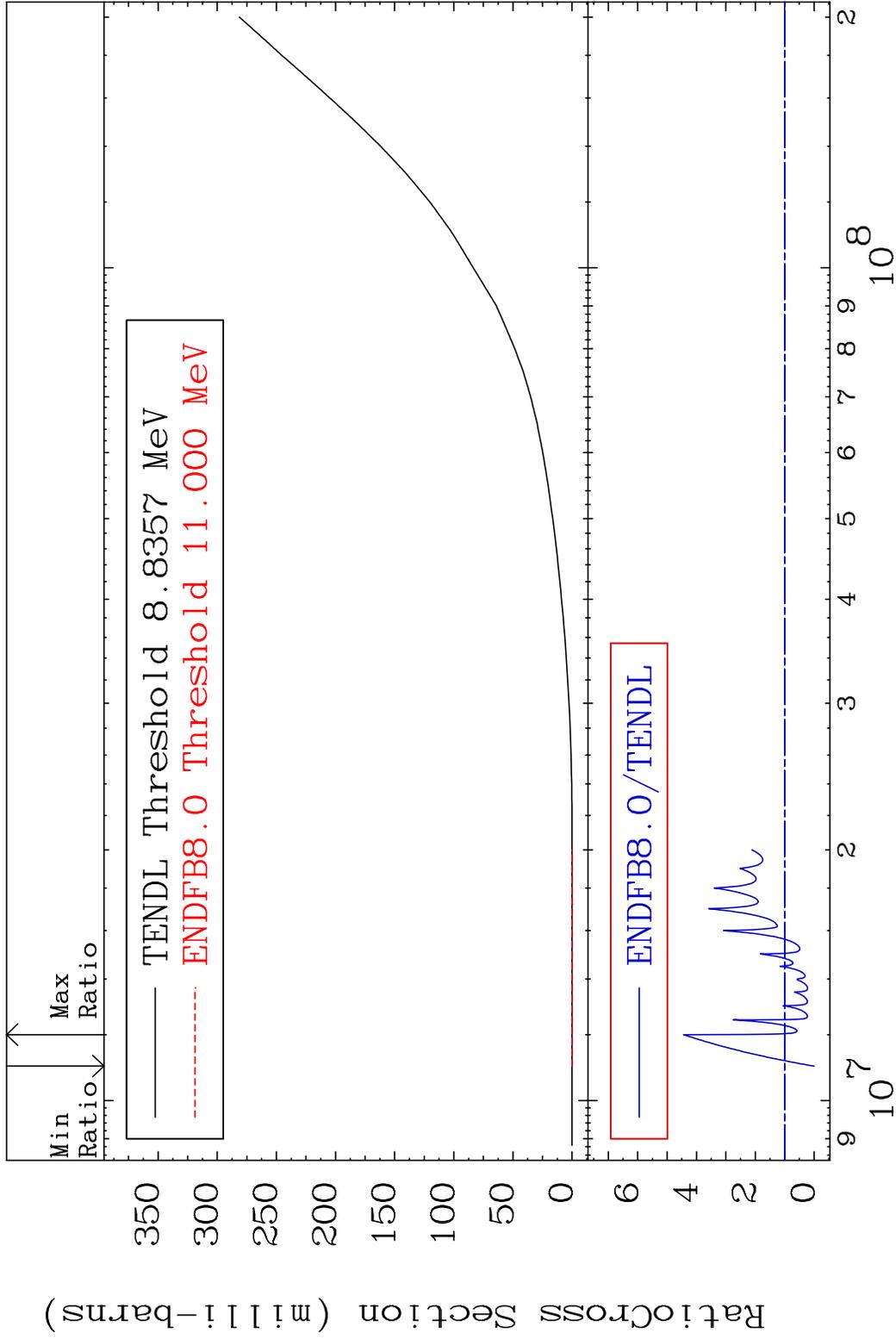
30 42-Mo-97

MAT 4240

He-3 Production

42-Mo-97

Cross Section -100.0 To 344.1 %

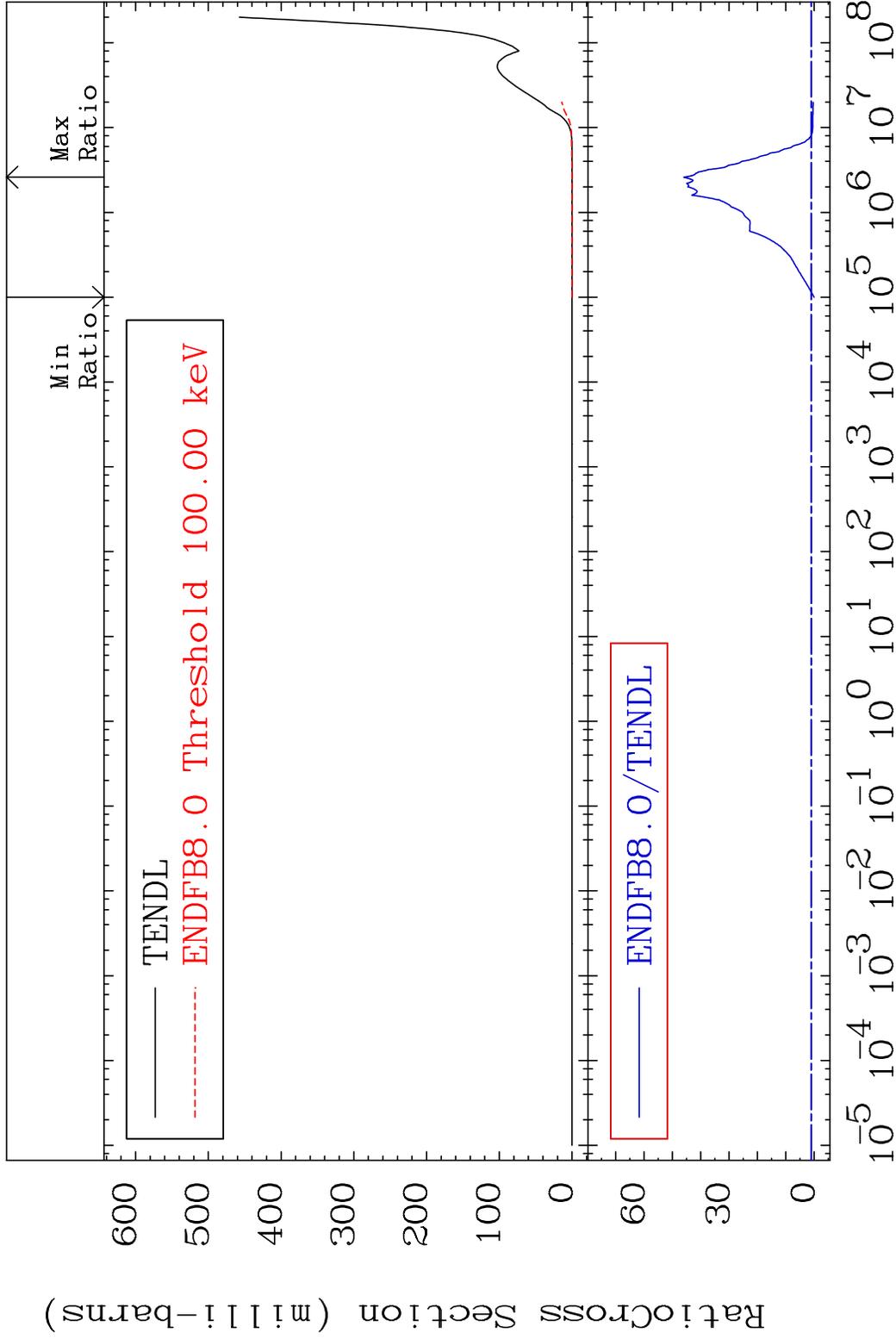


31

Incident Energy (eV)

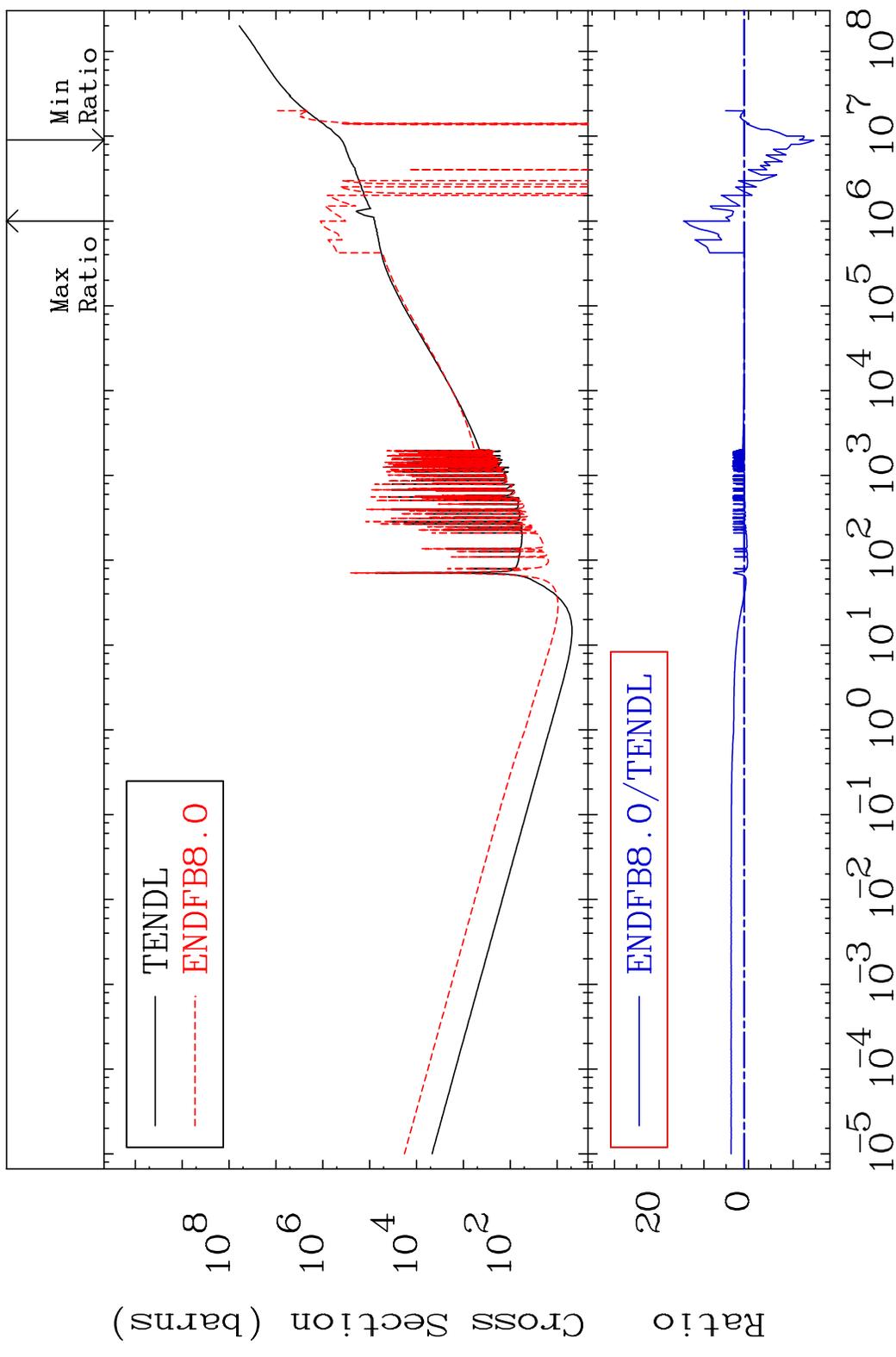
42-Mo-97

MAT 4240 He-4 Production 42-Mo-97
 Cross Section -100.0 To 4506. %



32 Incident Energy (eV) 42-Mo-97

MAT 4240 Kerma total (eV-barns) 42-Mo-97
 Cross Section -1567. To 1354. %

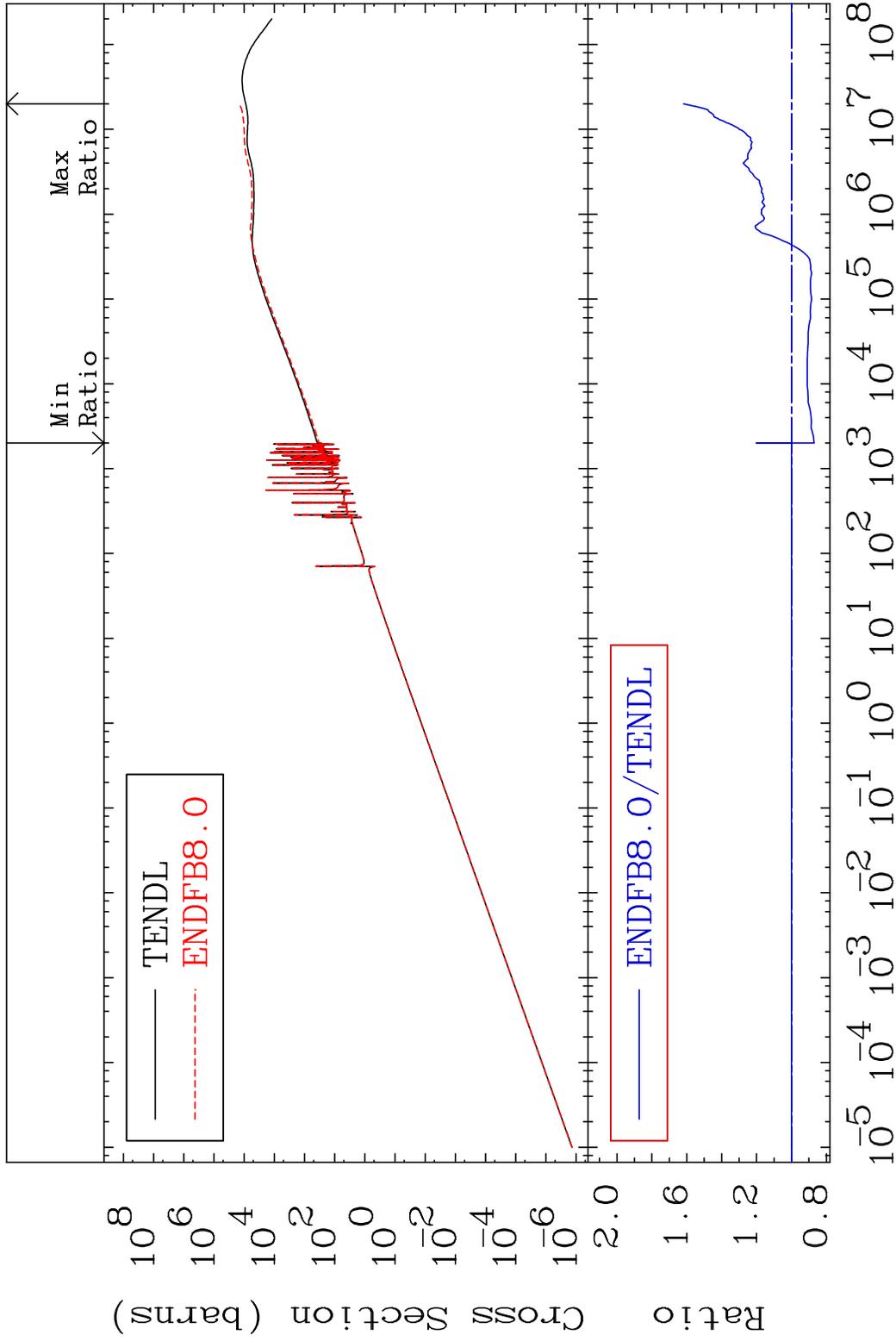


33 Incident Energy (eV) 42-Mo-97

MAT 4240

Kerma elastic
Cross Section

42-Mo-97
-12.96 To 61.84 %

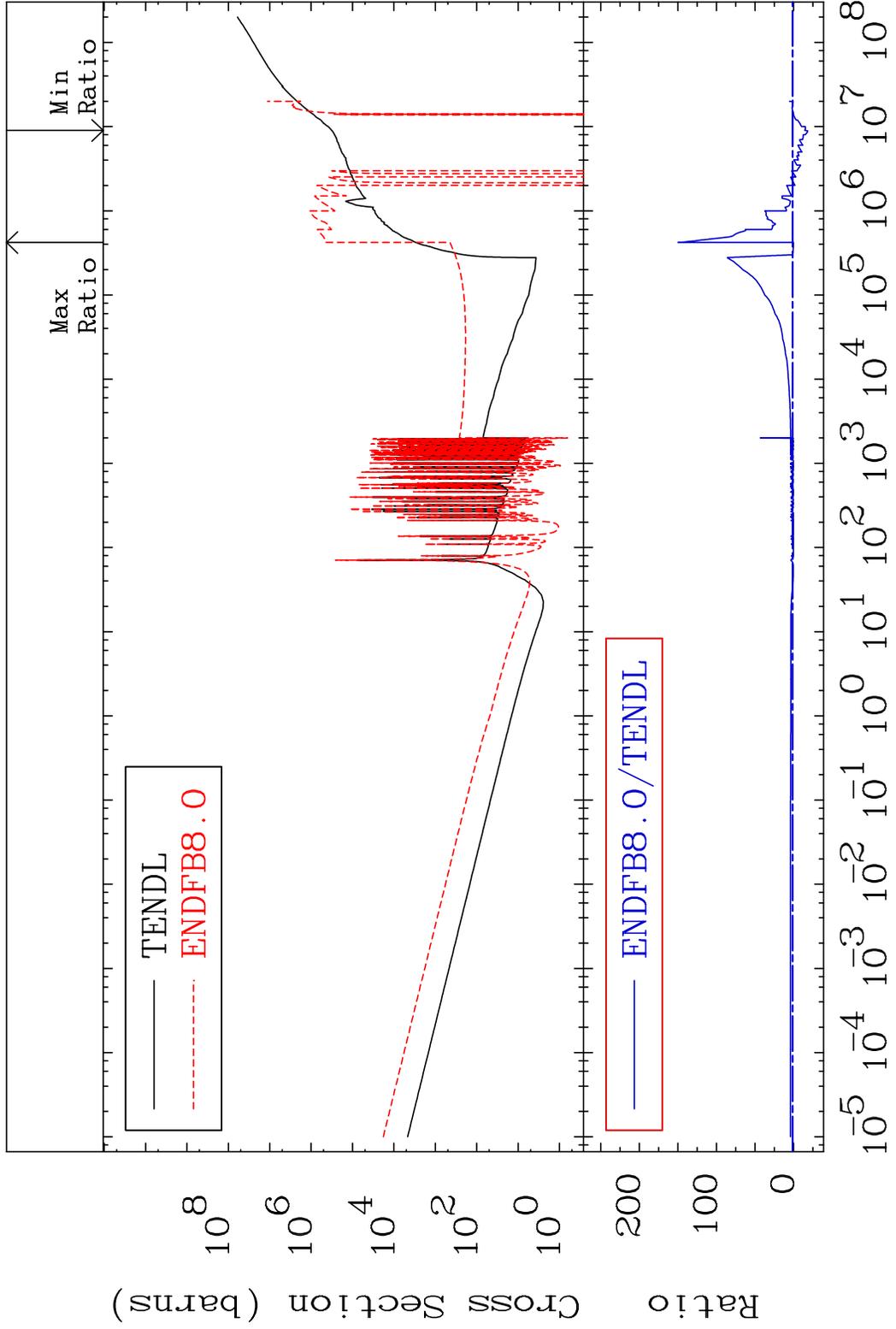


34

Incident Energy (eV)

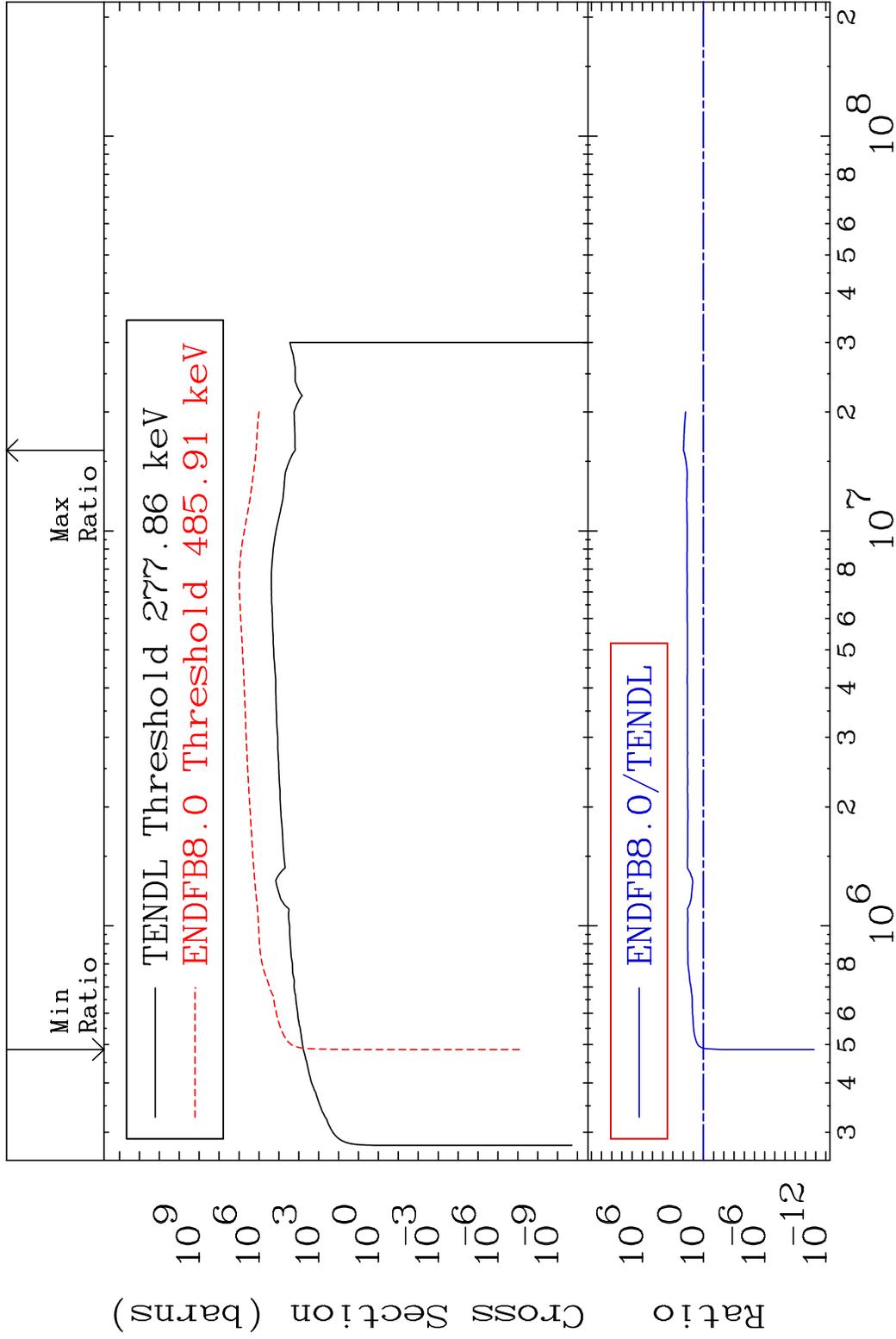
42-Mo-97

MAT 4240 Kerma non-elastic (all but mt2) 42-Mo-97
 Cross Section -1961. To 9999. %



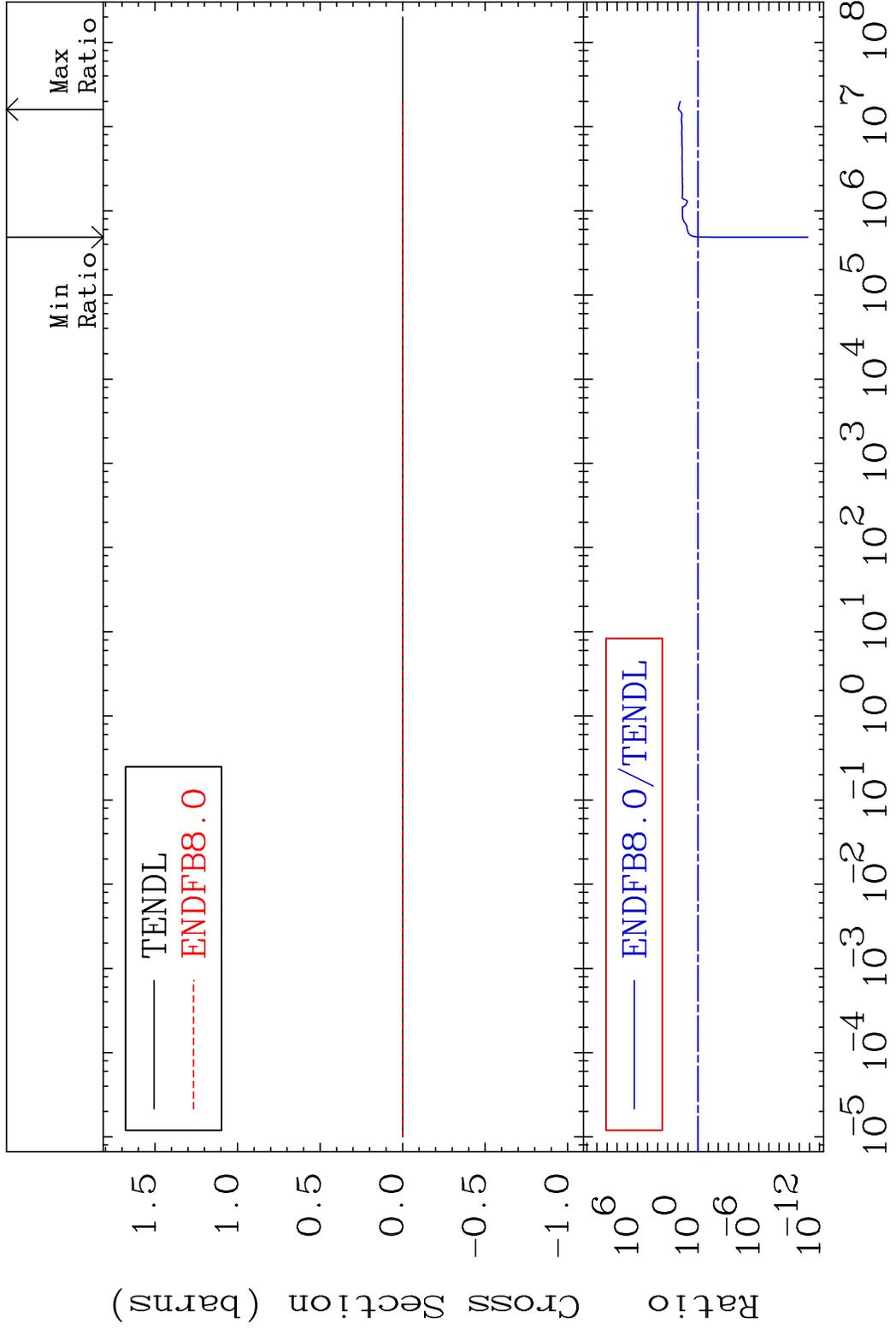
35 Incident Energy (eV) 42-Mo-97

MAT 4240 Kerma inelastic (mt51-91) 42-Mo-97
 Cross Section -100.0 To 8970. %

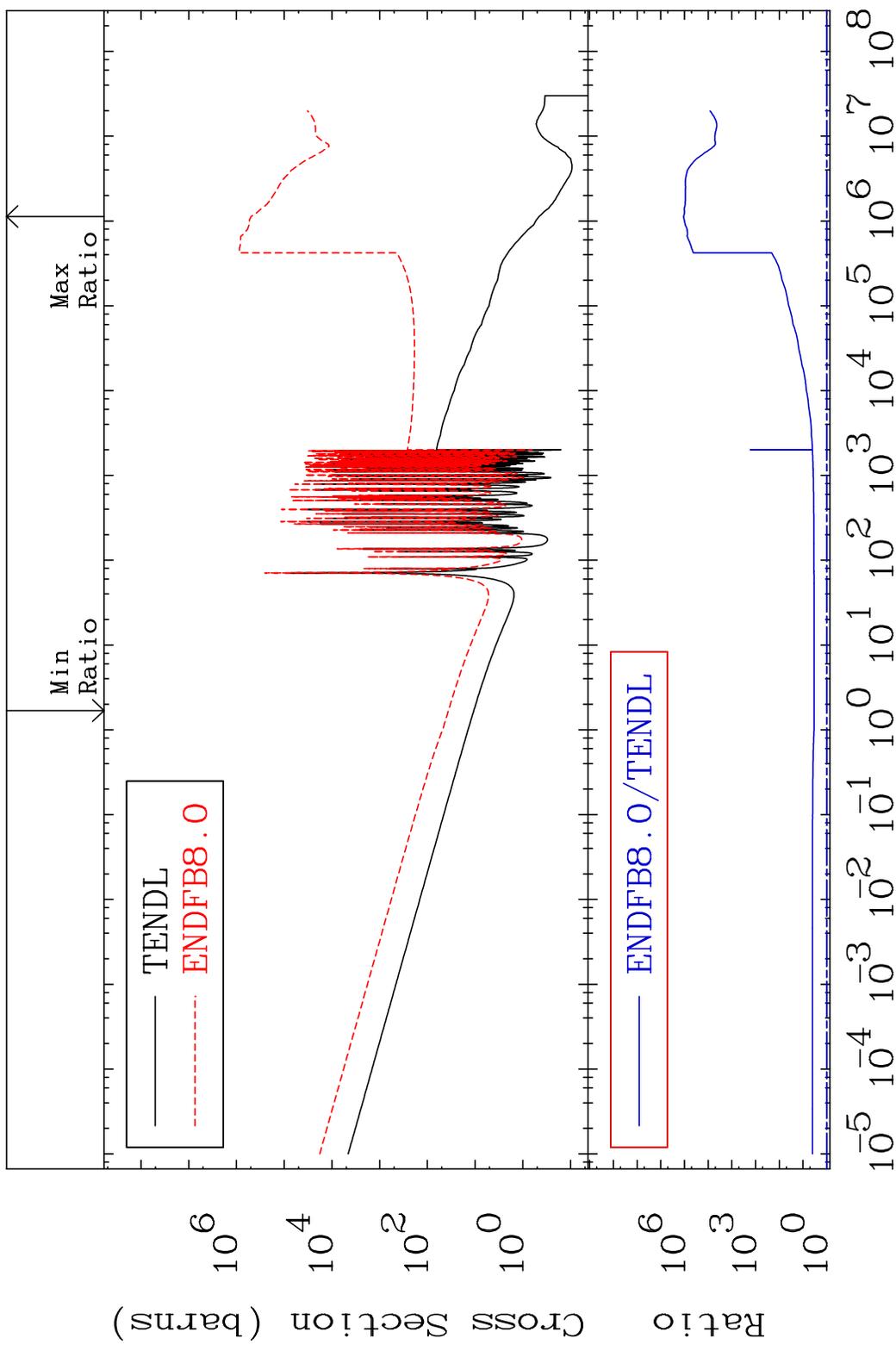


36 Incident Energy (eV) 42-Mo-97

MAT 4240 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-97
 Cross Section -100.0 To 8970. %

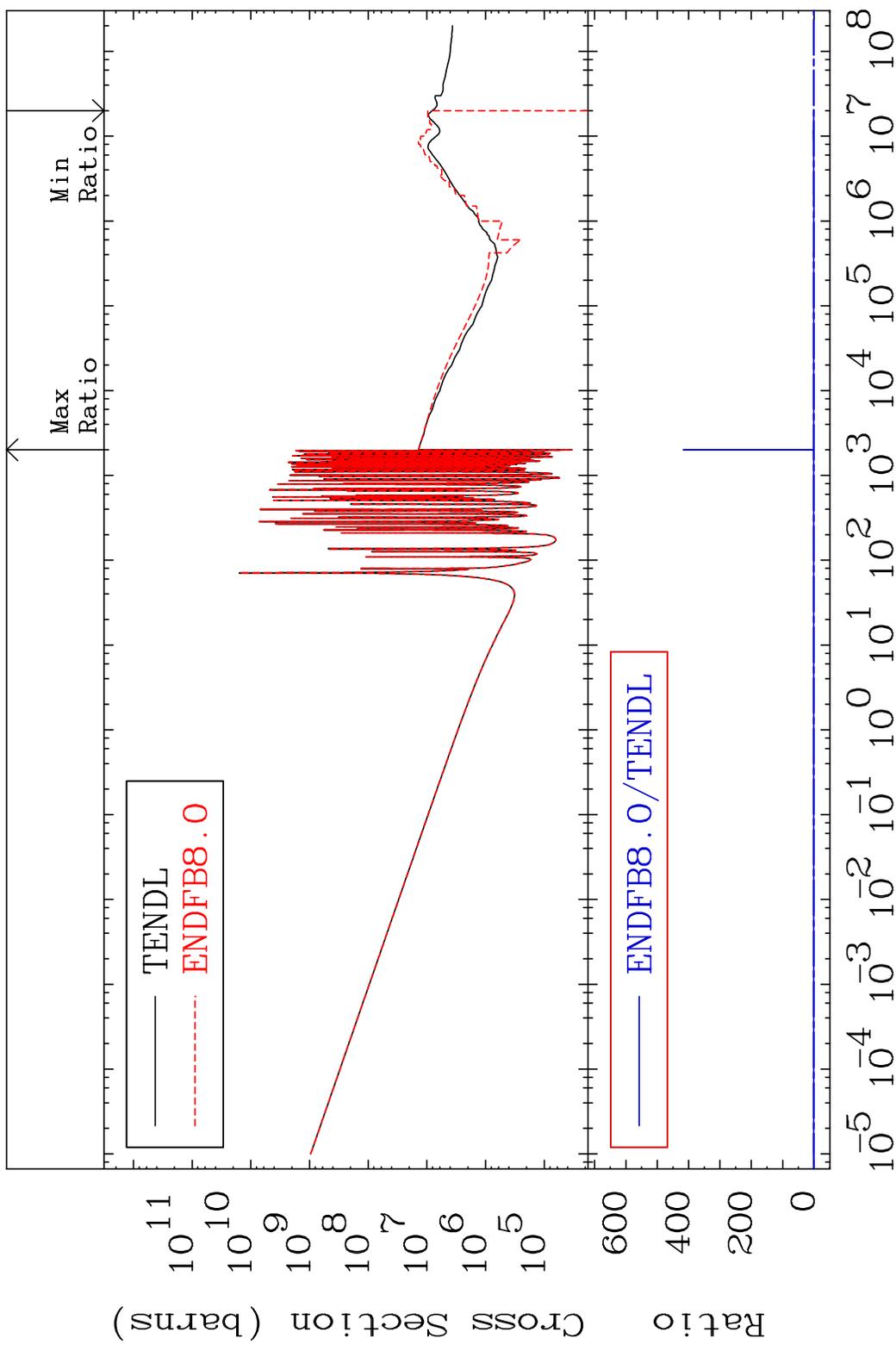


MAT 4240 Kerma capture (mt102) 42-Mo-97
 Cross Section 240.3 To 9999. %



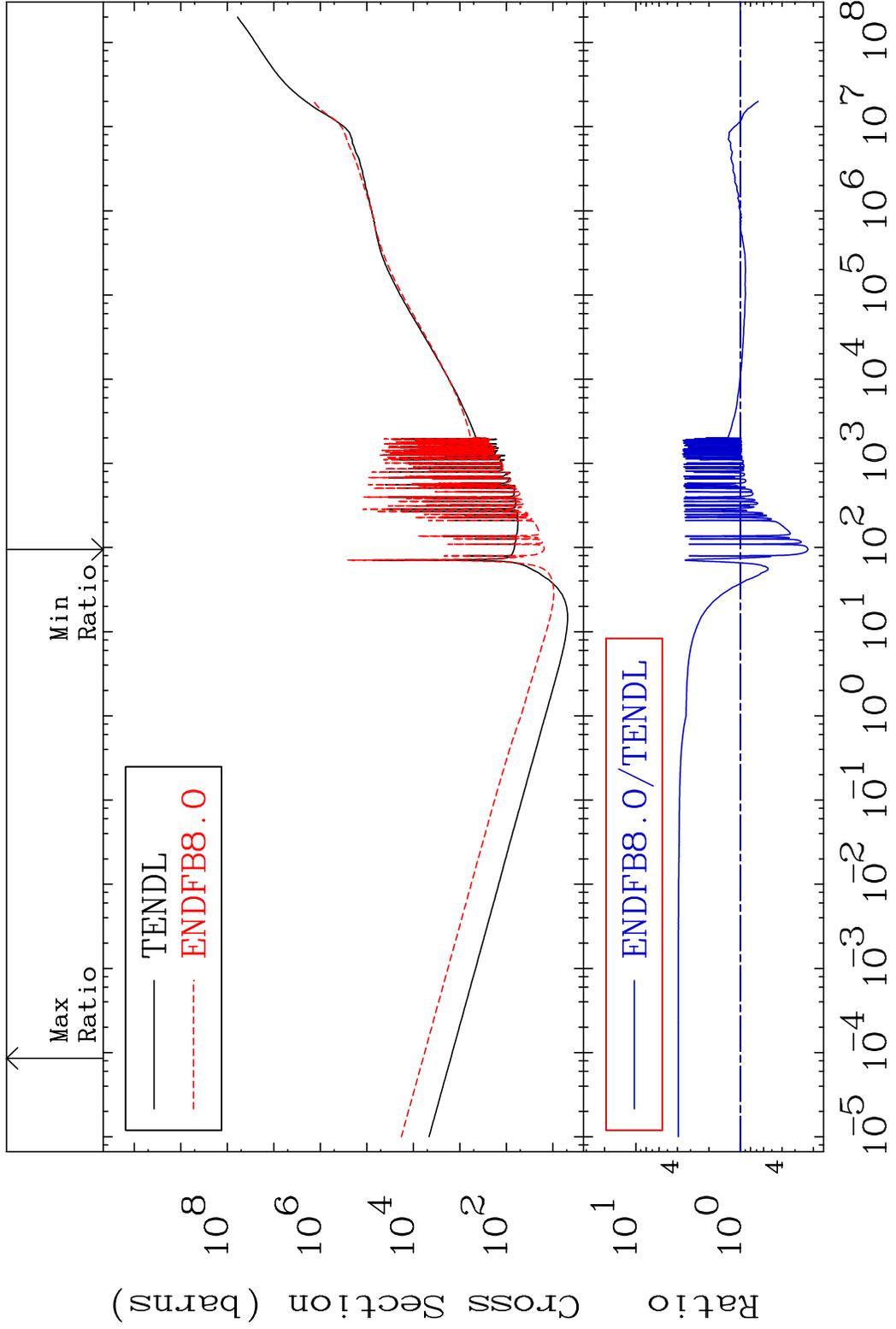
38 Incident Energy (eV) 42-Mo-97

MAT 4240 Total photon (eV-barns) 42-Mo-97
 Cross Section -100.0 To 9999. %



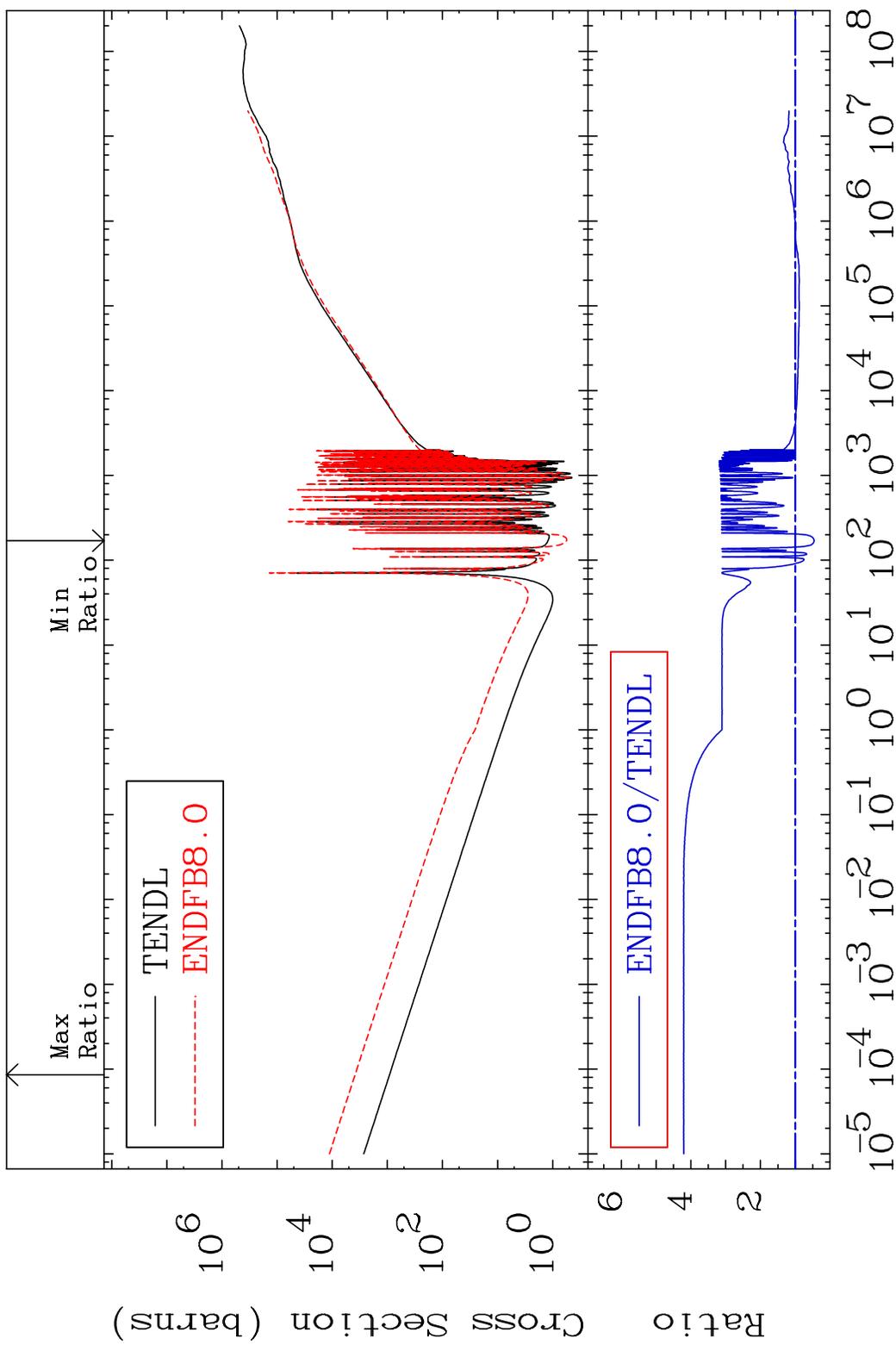
39 Incident Energy (eV) 42-Mo-97

MAT 4240 Total kinematic kerma (high limit) 42-Mo-97
Cross Section -77.42 To 293.3 %



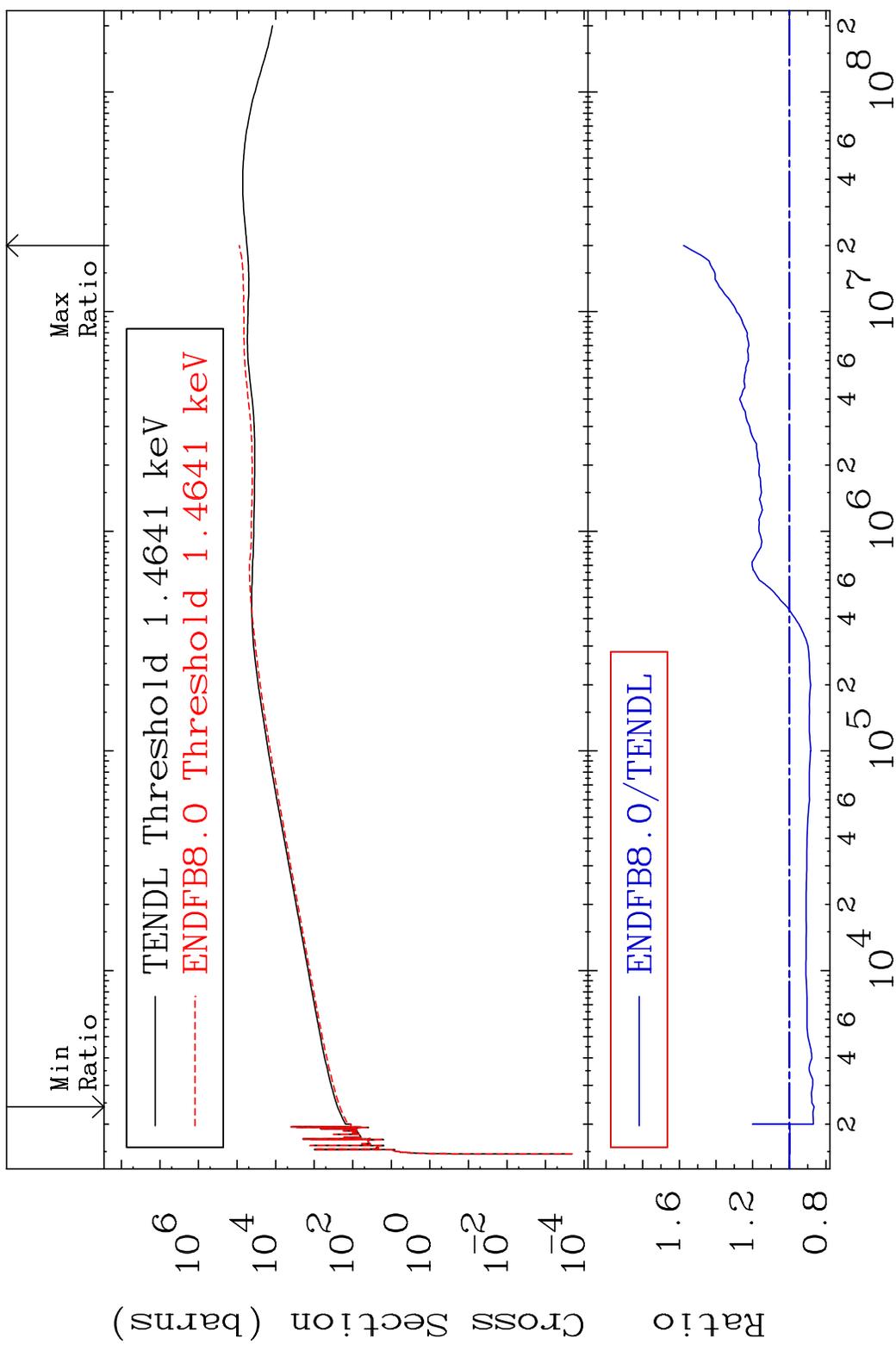
40 Incident Energy (eV) 42-Mo-97

MAT 4240 Dpa total (eV-barns) 42-Mo-97
 Cross Section -53.91 To 321.1 %



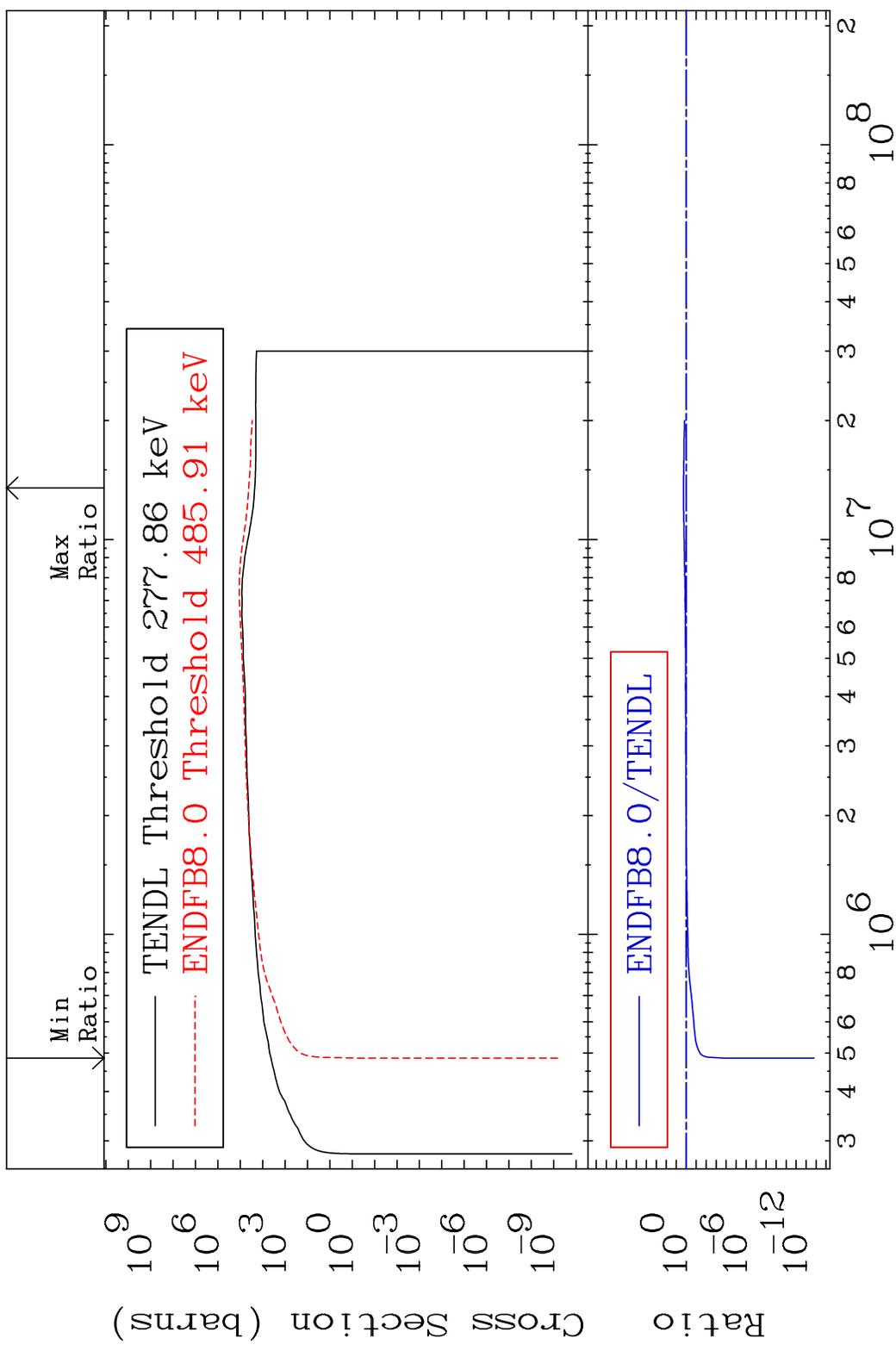
41 Incident Energy (eV) 42-Mo-97

MAT 4240 Dpa elastic (mt2) 42-Mo-97
 Cross Section -13.44 To 57.72 %



42 Incident Energy (eV) 42-Mo-97

MAT 4240 Dpa inelastic (mt51-91) 42-Mo-97
 Cross Section -100.0 To 86.12 %



43 Incident Energy (eV) 42-Mo-97

MAT 4240 Dpa disappearance (mt102 -120) 42-Mo-97
 Cross Section -53.91 To 9999. %

