

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

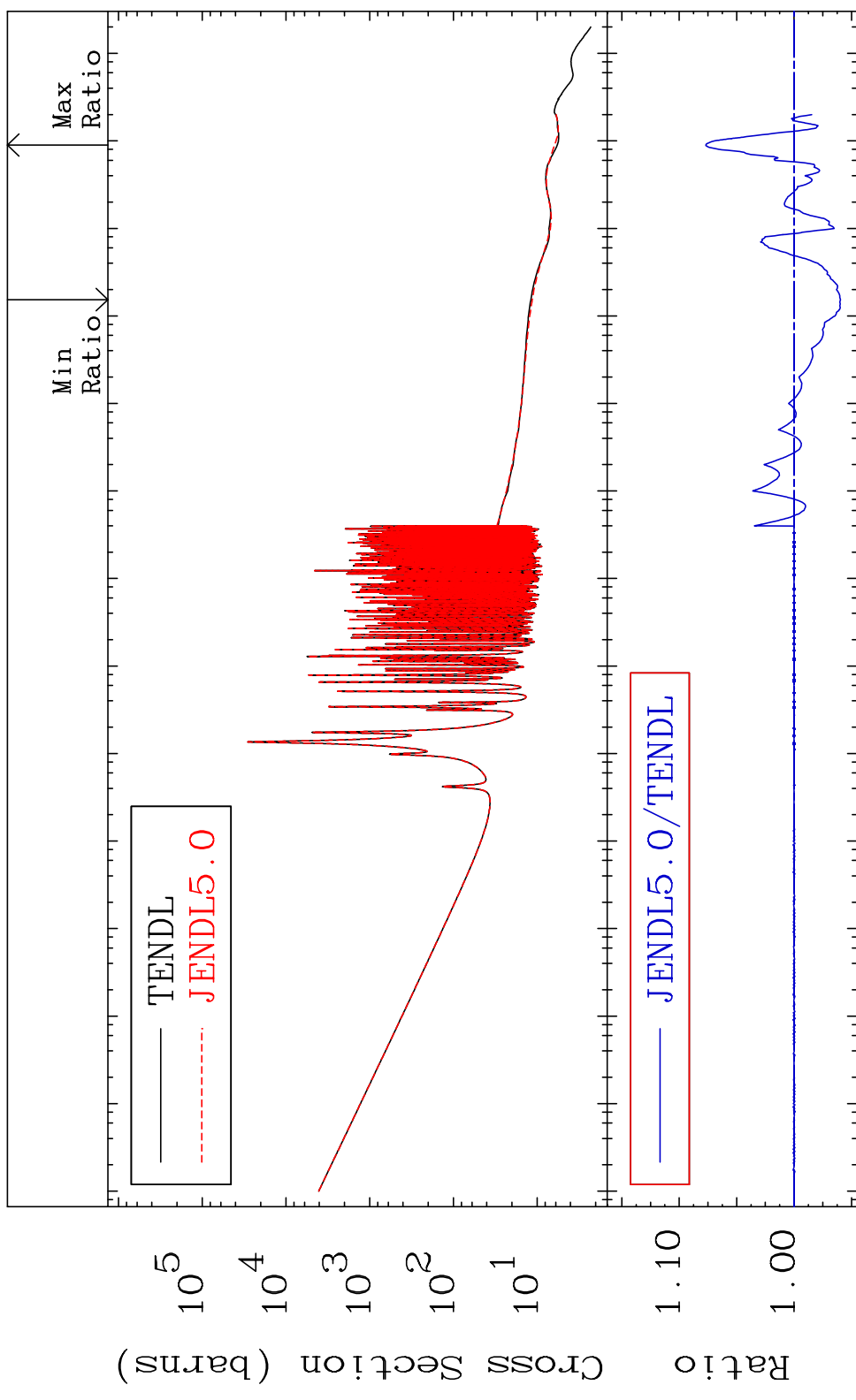
MAT 9549

Total

95-Am-243

Cross Section

-4.038 To 7.689 %



1

Incident Energy (eV)

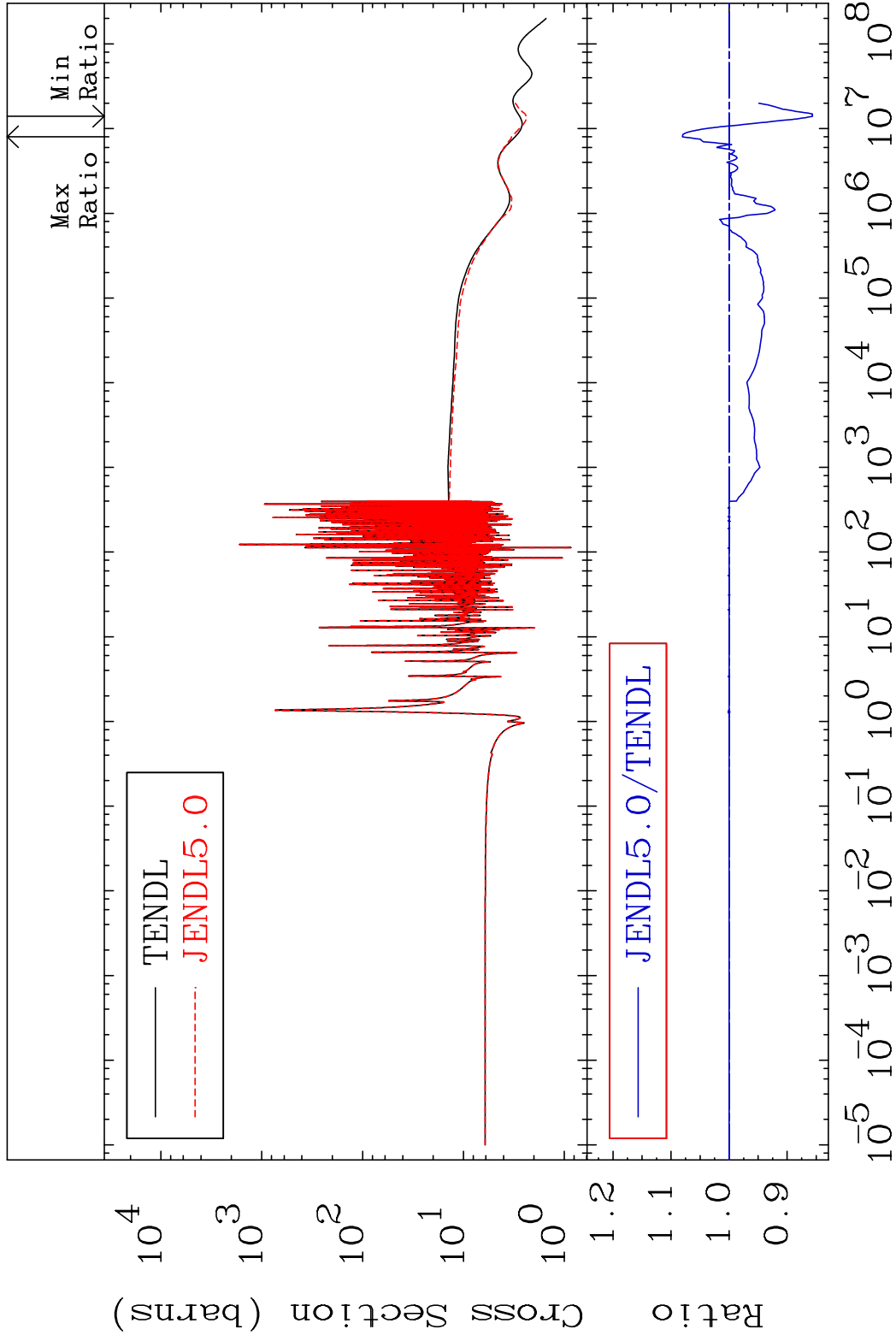
95-Am-243

MAT 9549

Elastic

95-Am-243

Cross Section -14.37 To 8.050 %

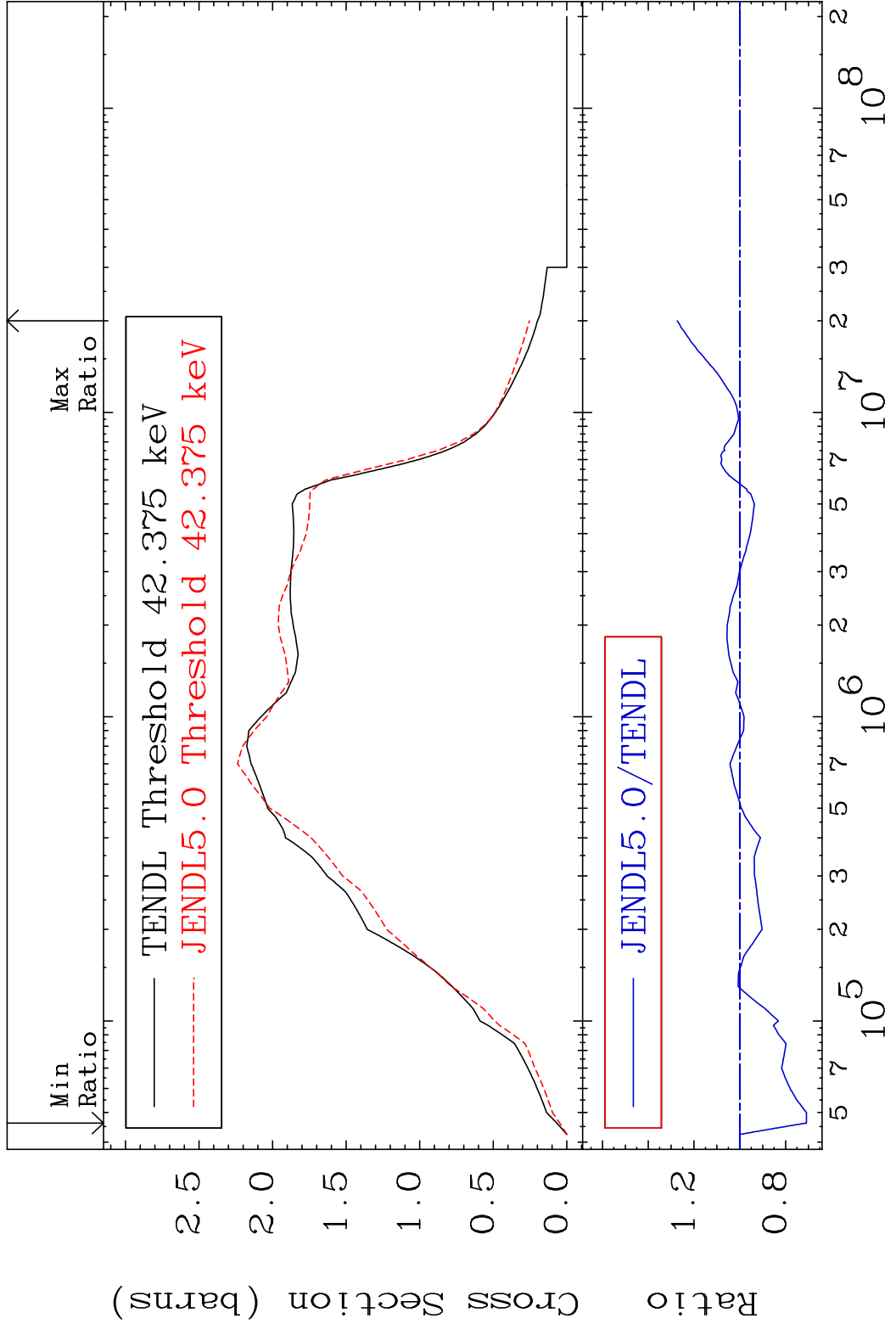


2

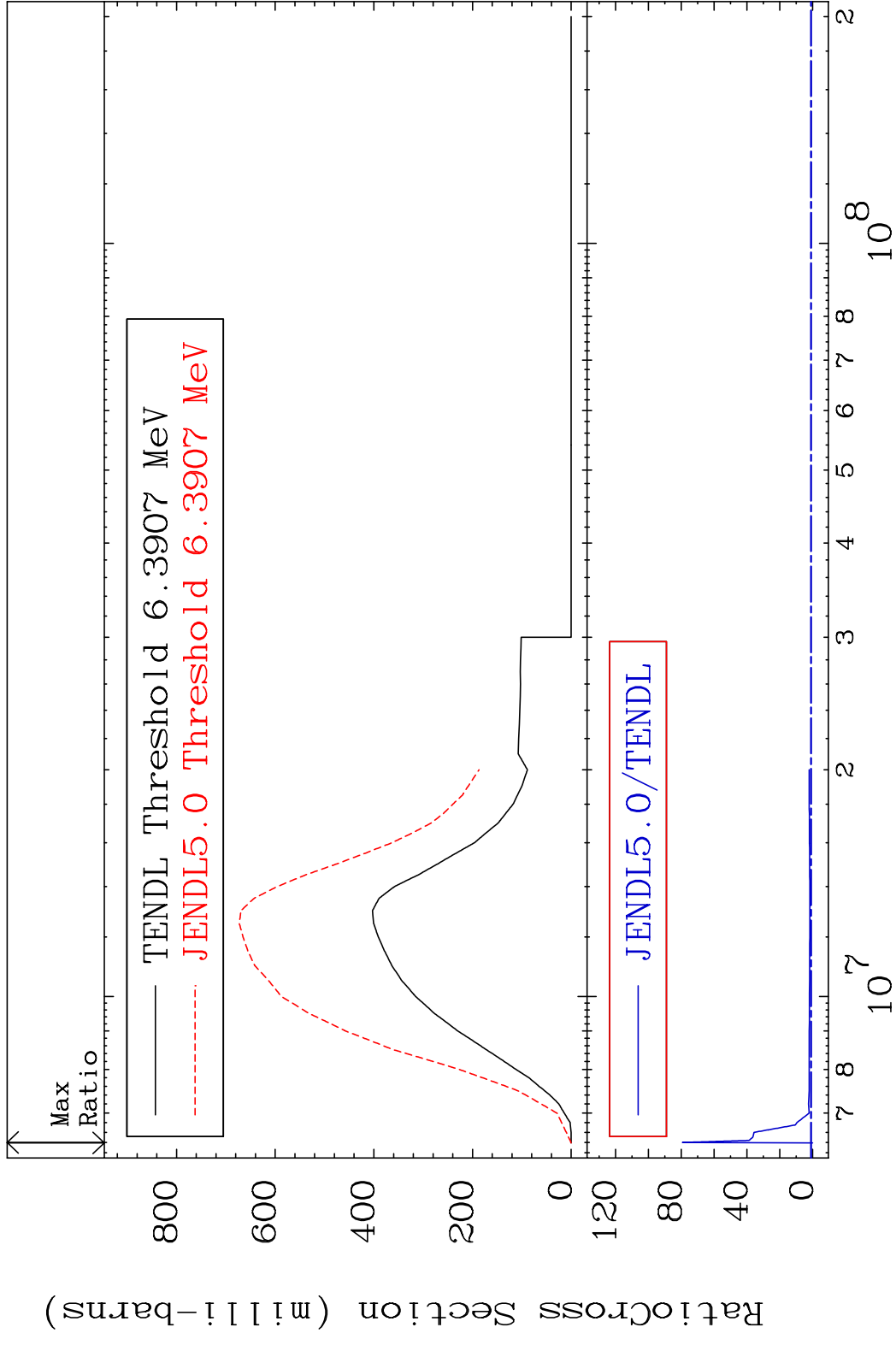
Incident Energy (eV)

95-Am-243

MAT 9549 Inelastic 95-Am-243
 Cross Section -29.10 To 27.35 %

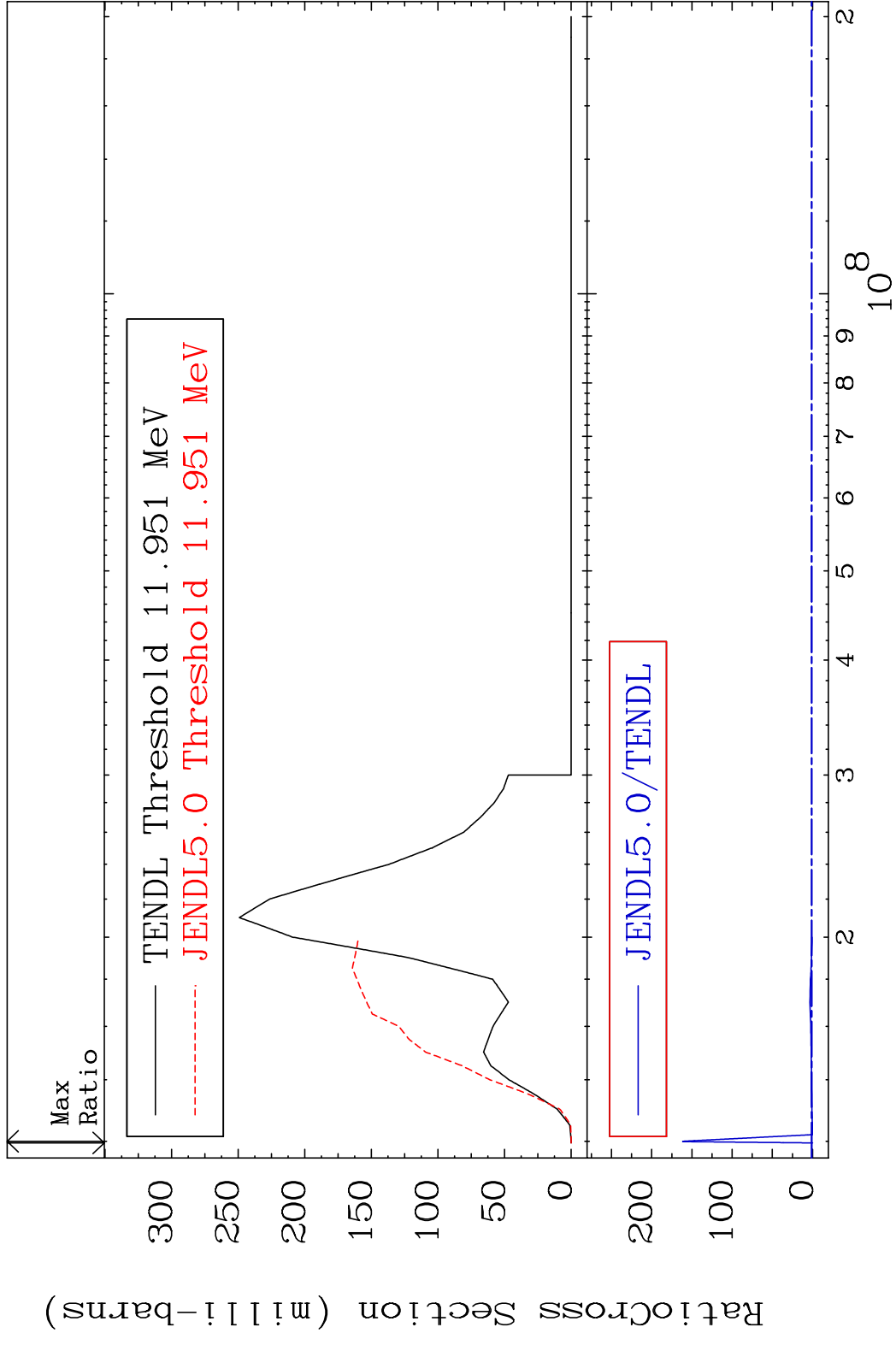


MAT 9549 (n,2n) 95-Am-243
Cross Section -100.0 To 7828. %



4 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 95-Am-243

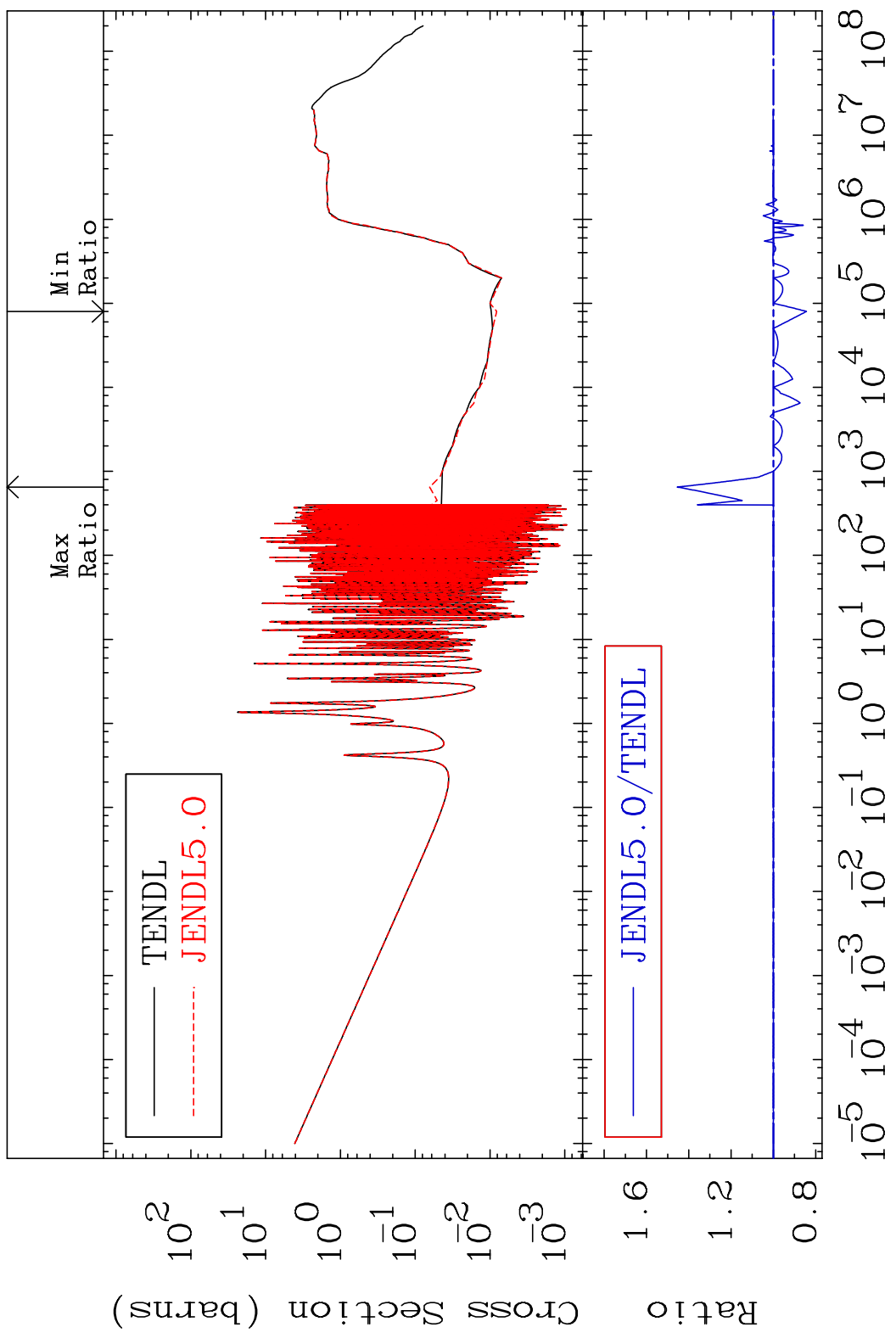
MAT 9549 (n,3n) 95-Am-243
 Cross Section -100.0 To 9999. %



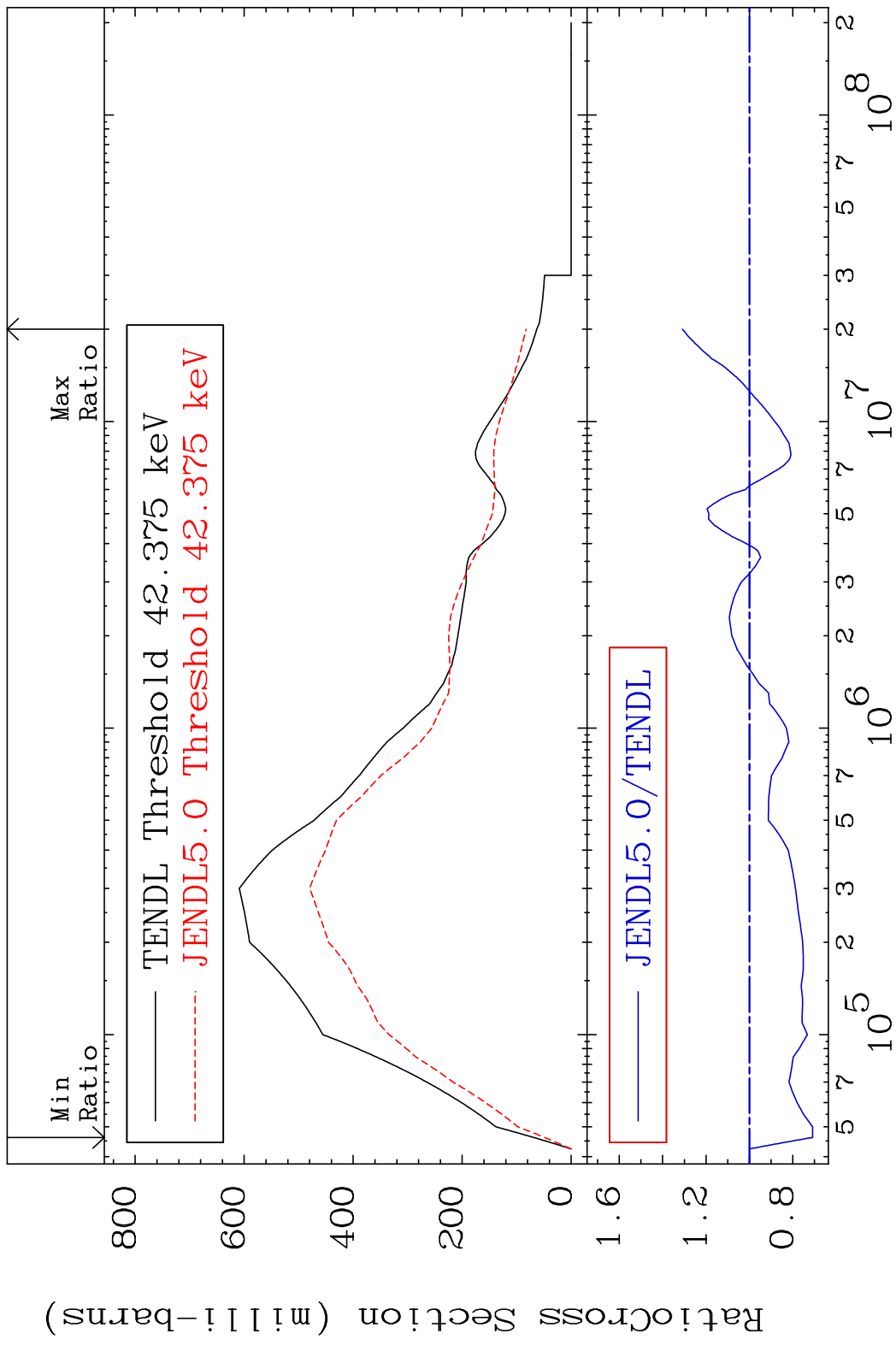
5 95-Am-243

MAT 9549

Fission
Cross Section -15.63 To 45.48 %
95-Am-243

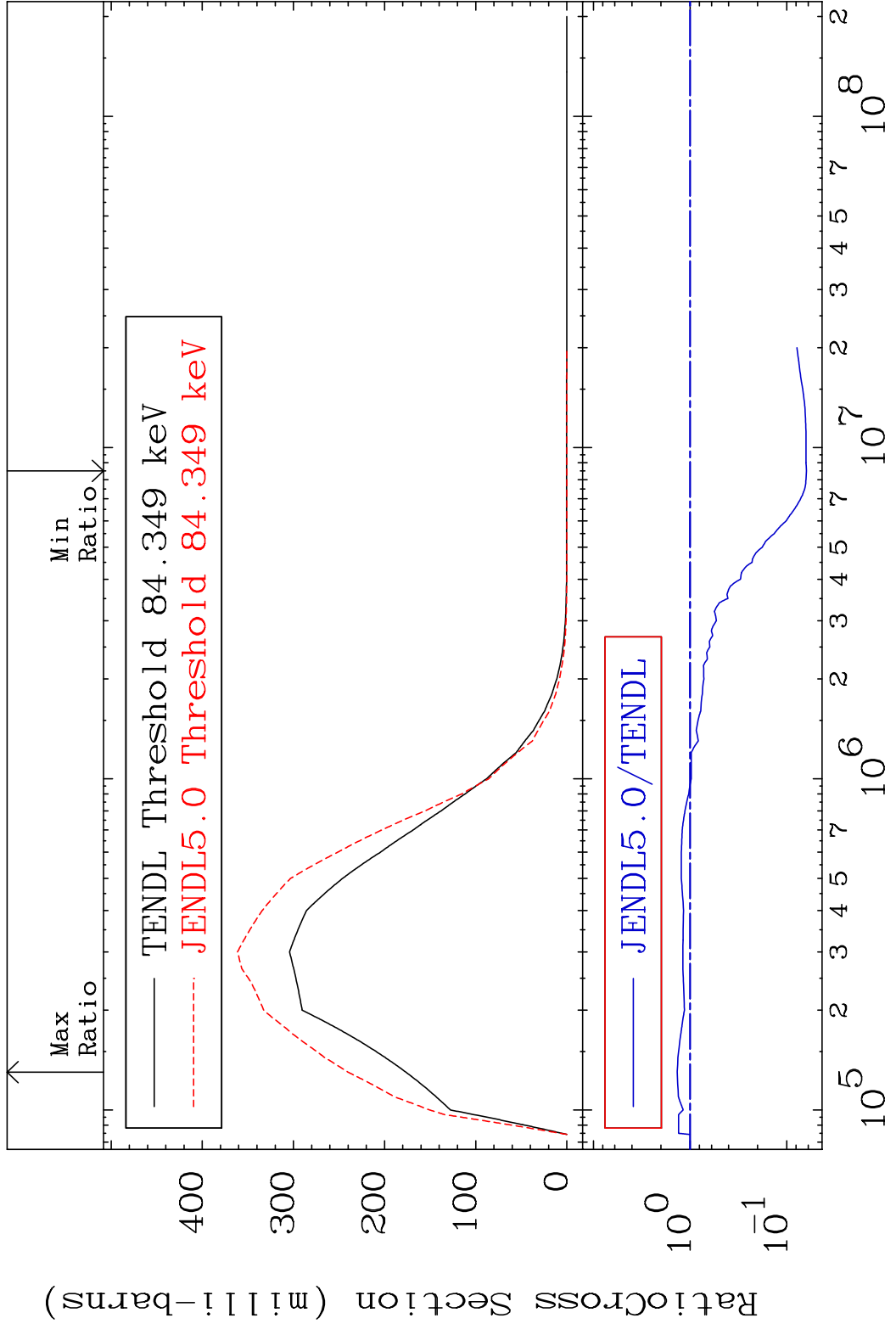


MAT 9549 MT= 51 (n, n') Level 95-Am-243
 Cross Section -29.10 To 30.91 %

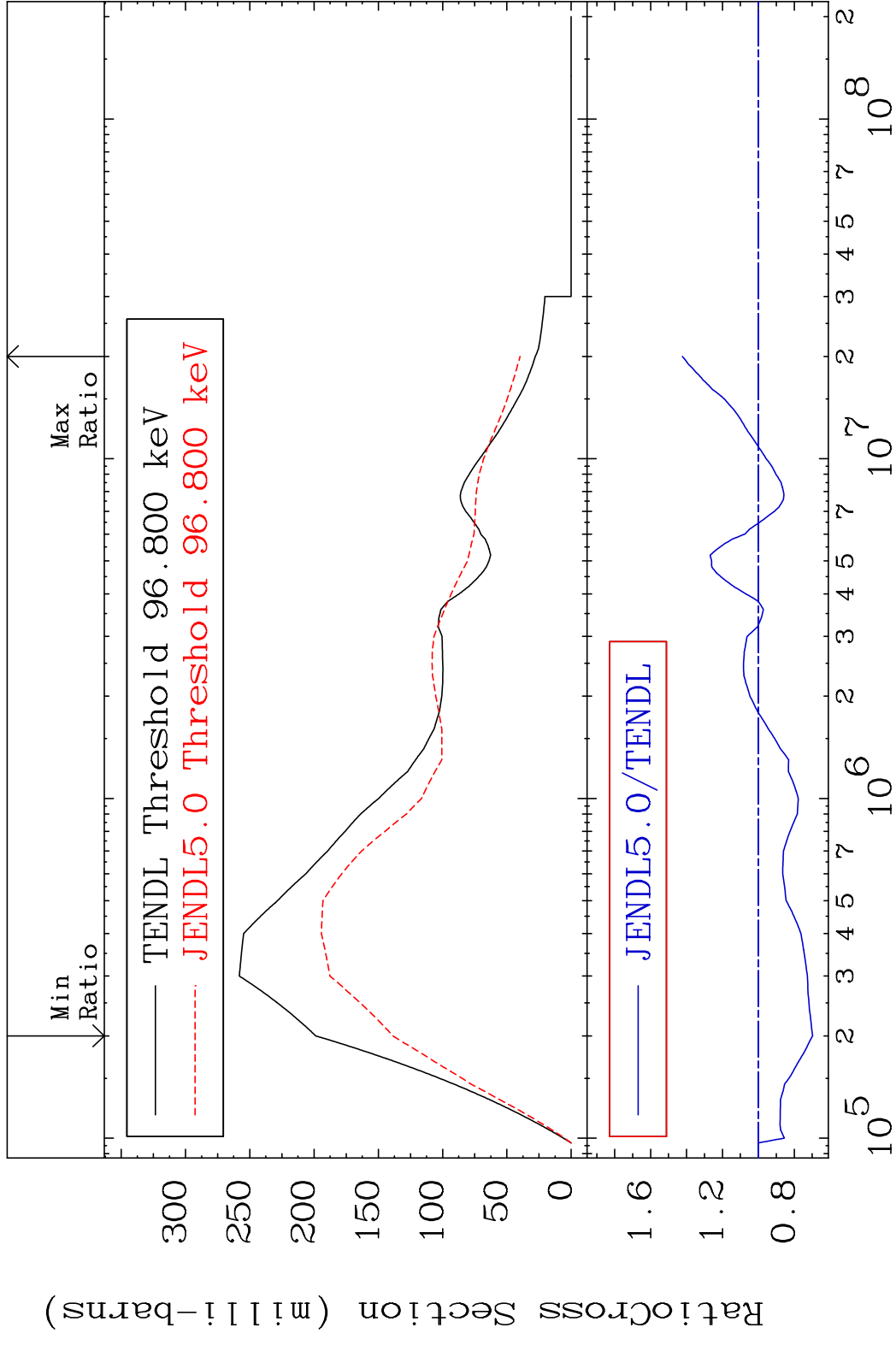


8 95-Am-243

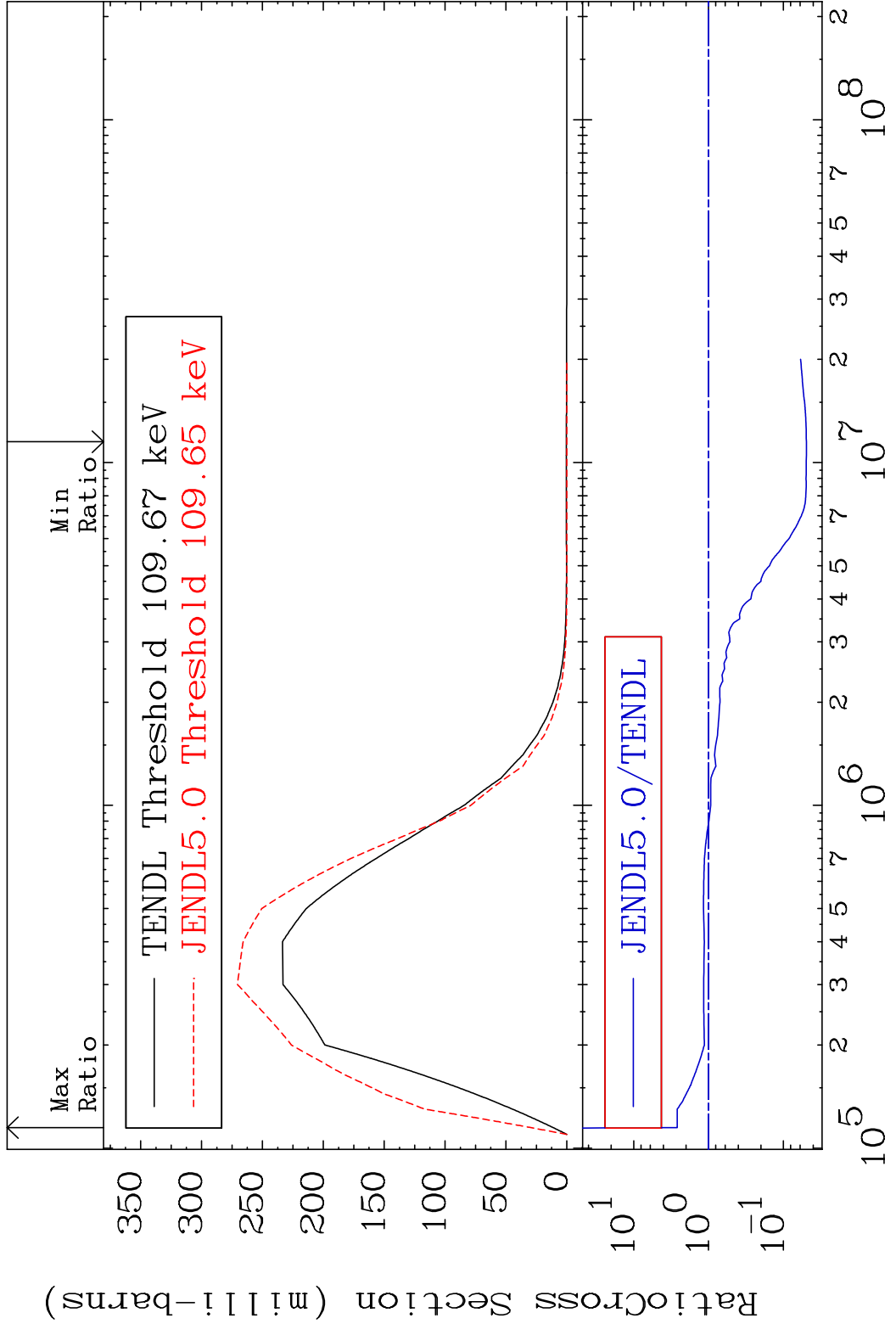
MAT 9549 MT= 52 (n, n') Level 95-Am-243
 Cross Section -93.74 To 35.94 %



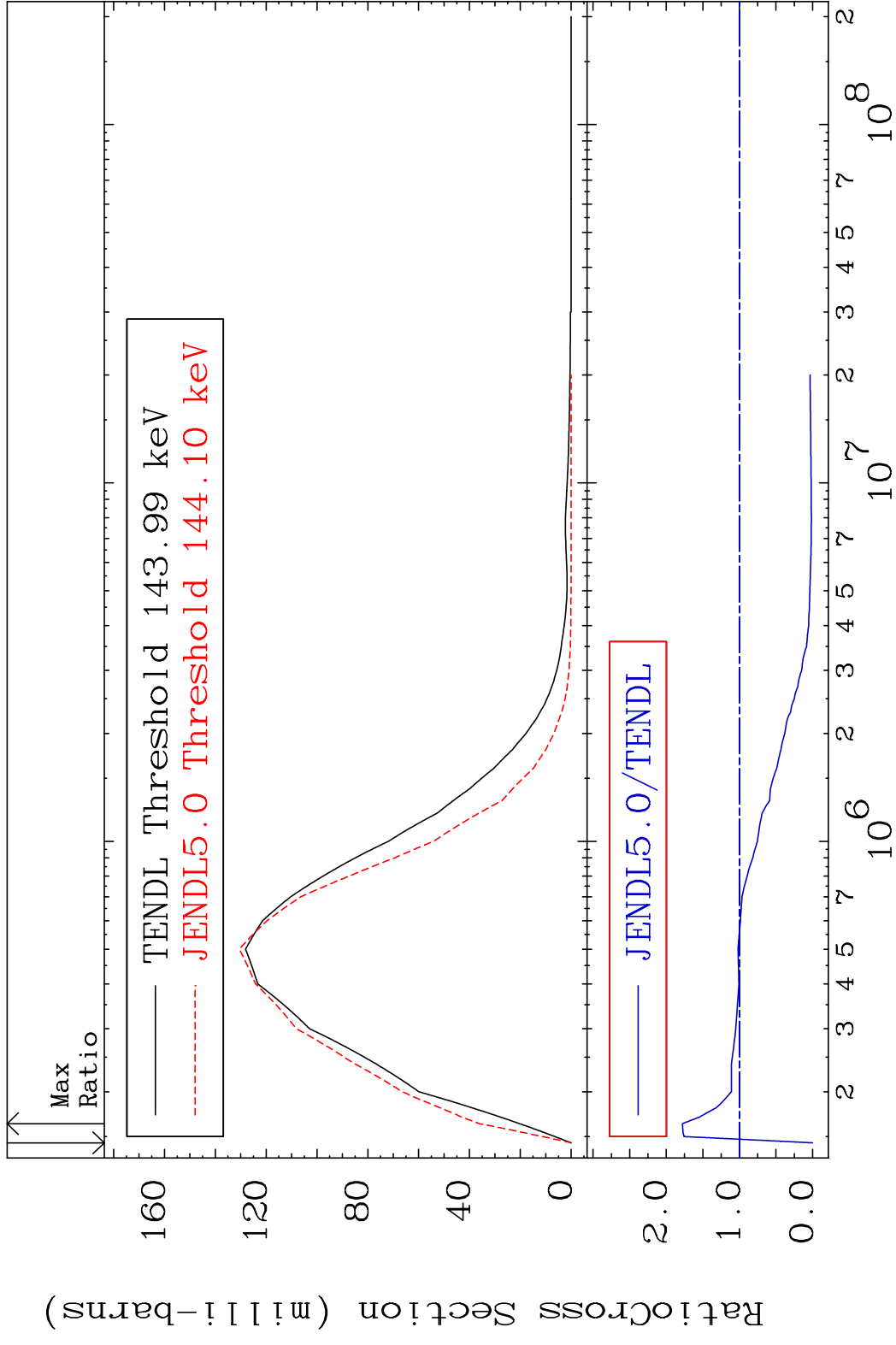
MAT 9549 MT= 53 (n, n') Level 95-Am-243
 Cross Section -30.18 To 42.33 %



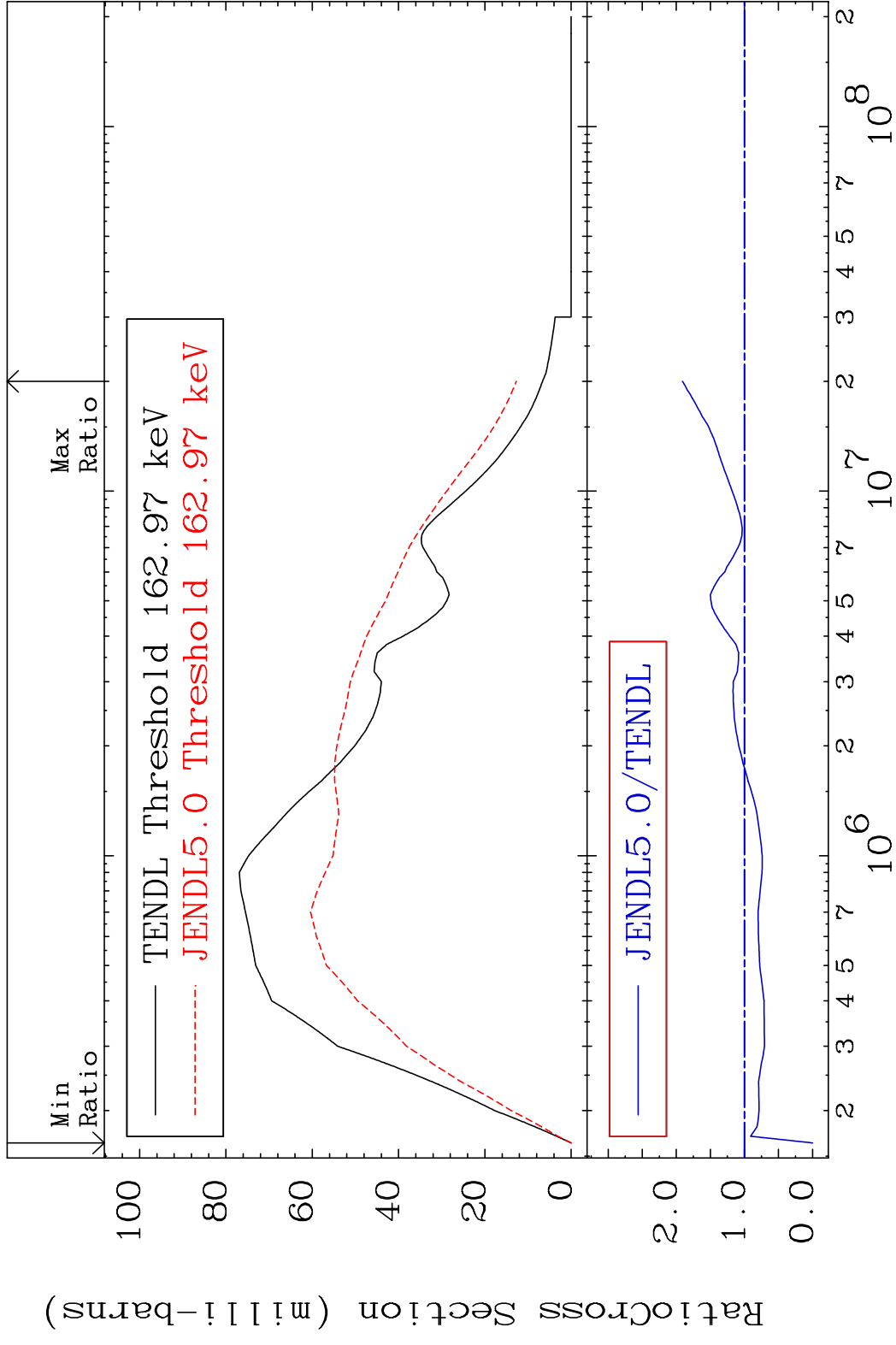
MAT 9549 MT= 54 (n,n') Level 95-Am-243
 Cross Section -95.07 To 162.2 %



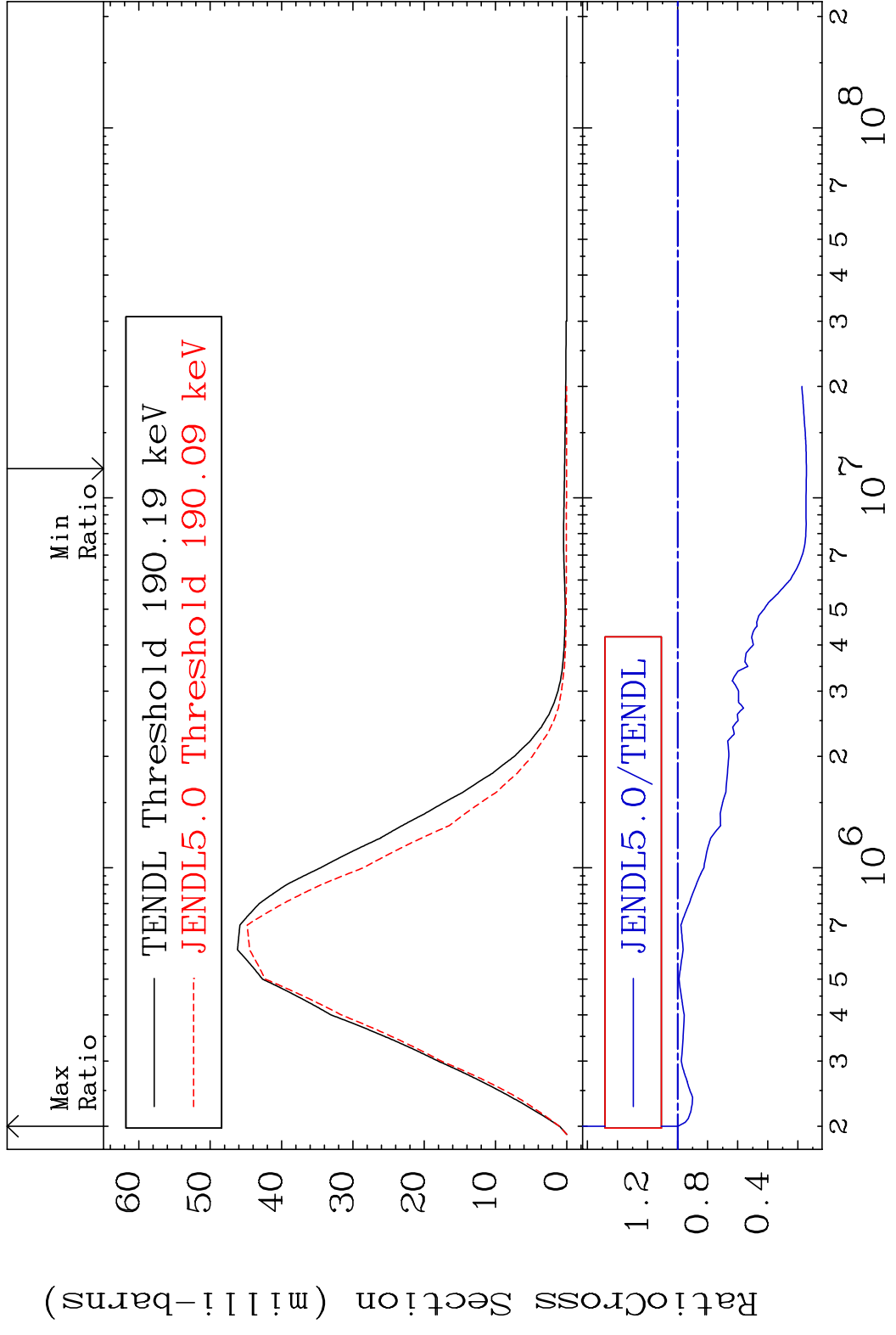
MAT 9549 MT= 55 (n, n') Level 95-Am-243
 Cross Section -100.0 To 77.97 %



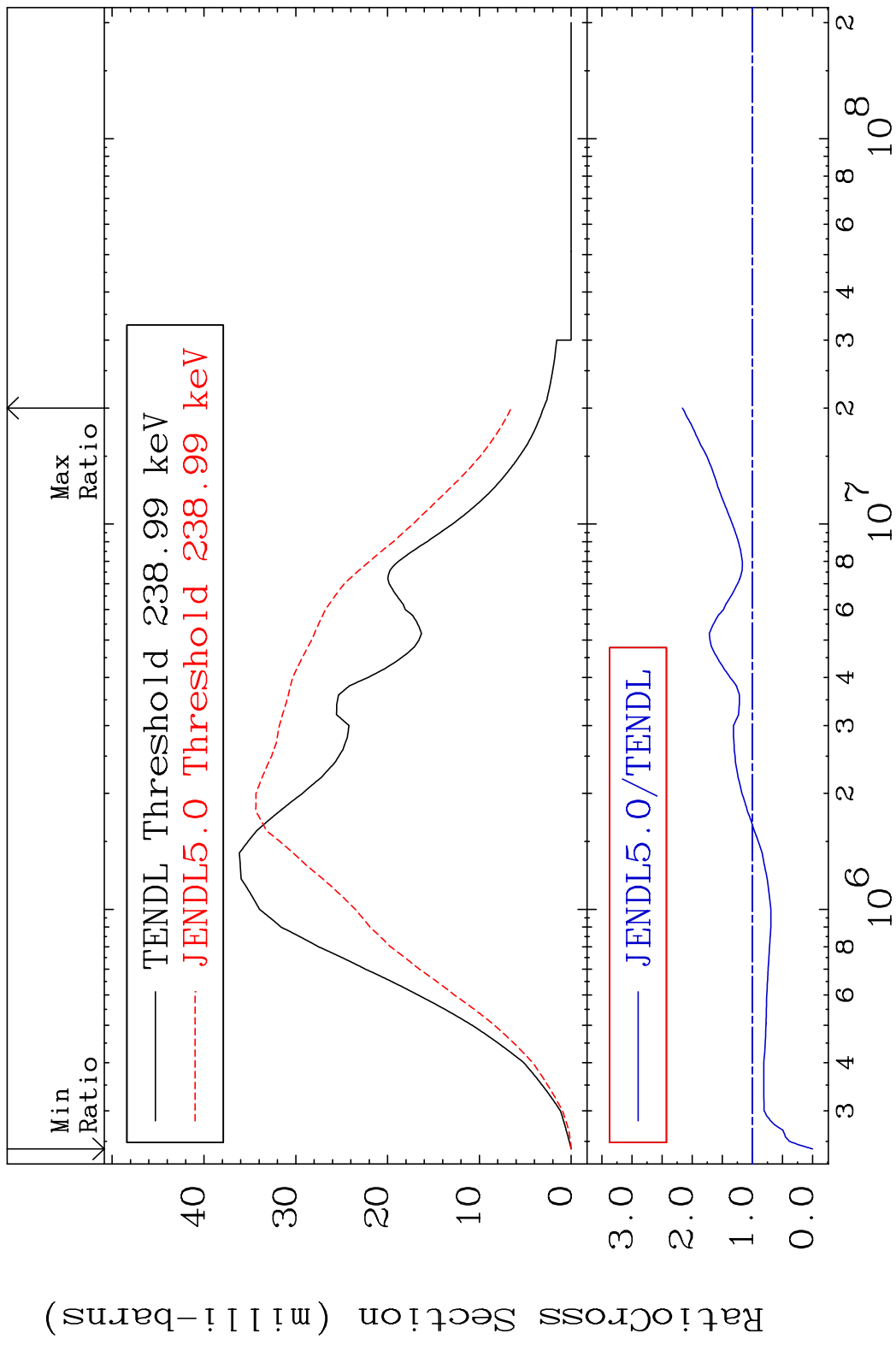
MAT 9549 MT= 56 (n, n') Level 95-Am-243
 Cross Section -100.0 To 91.11 %



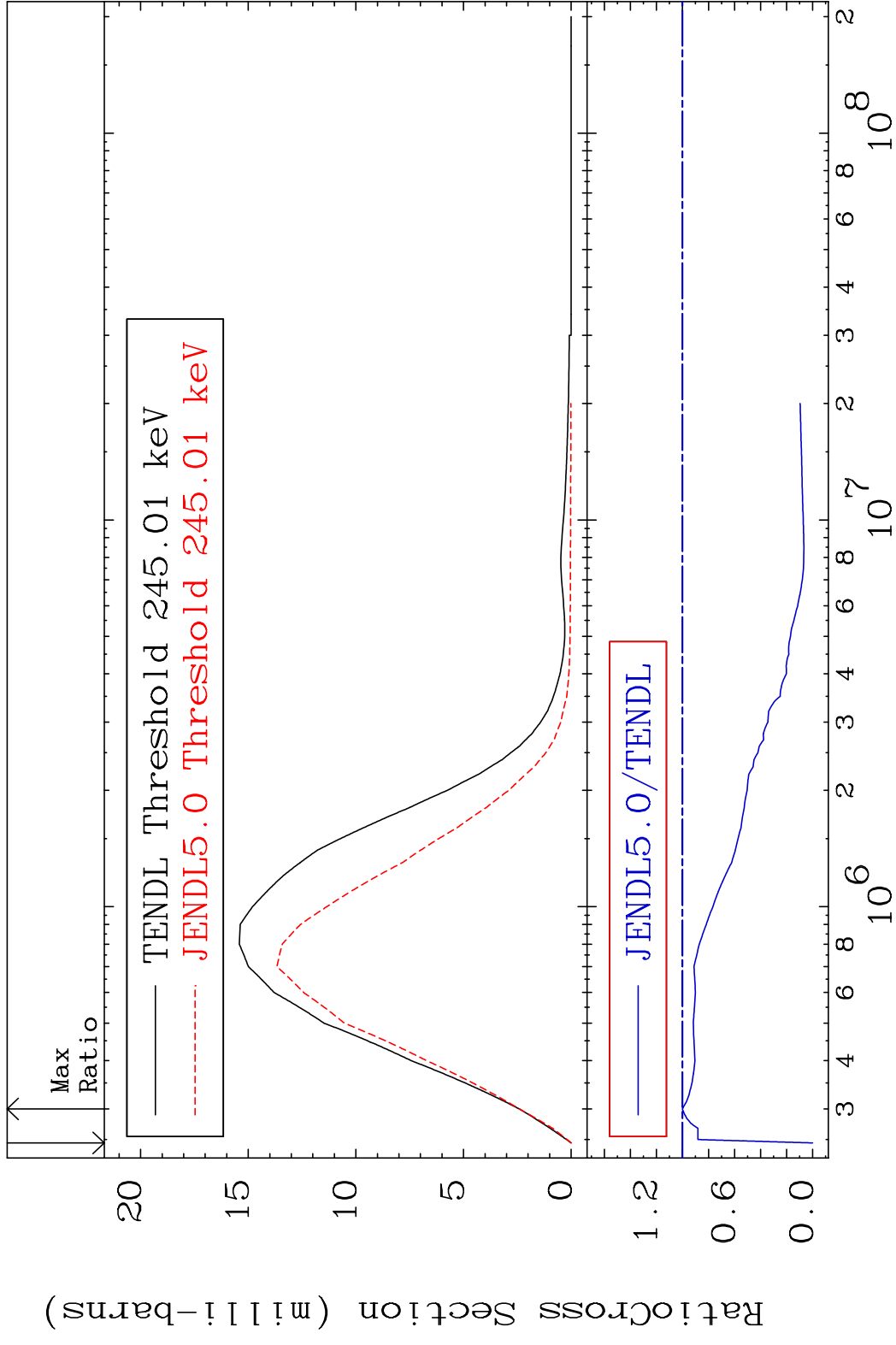
MAT 9549 MT= 57 (n, n') Level 95-Am-243
 Cross Section -85.71 To 0.279 %



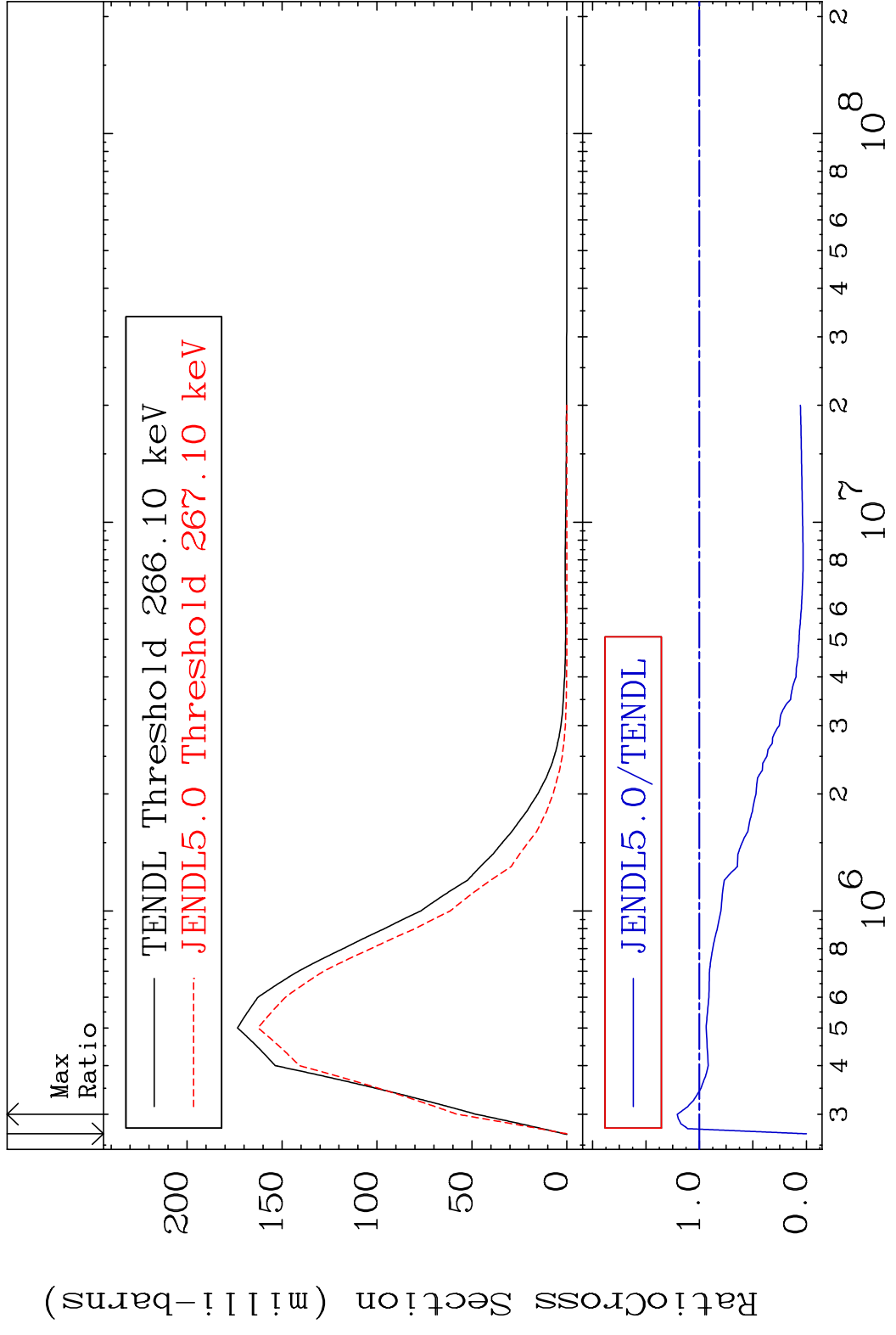
MAT 9549 MT= 58 (n, n') Level 95-Am-243
 Cross Section -100.0 To 116.4 %



MAT 9549 MT= 59 (n, n') Level 95-Am-243
 Cross Section -100.0 To 0.108 %



MAT 9549 MT= 60 (n,n') Level 95-Am-243
 Cross Section -100.0 To 20.80 %

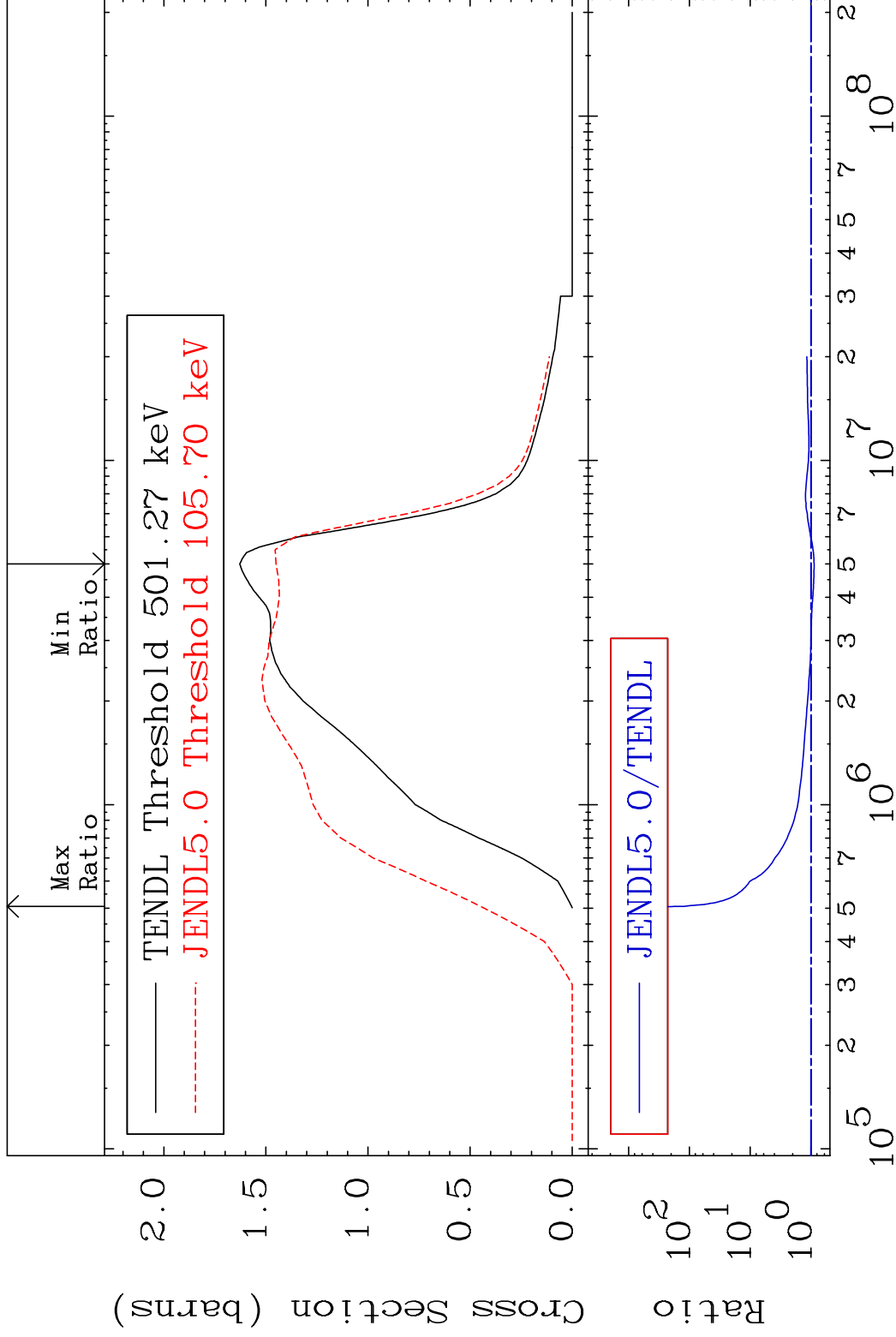


MAT 9549

(n, n') Continuum

95-Am-243

Cross Section -10.90 To 9999. %



18

Incident Energy (eV)

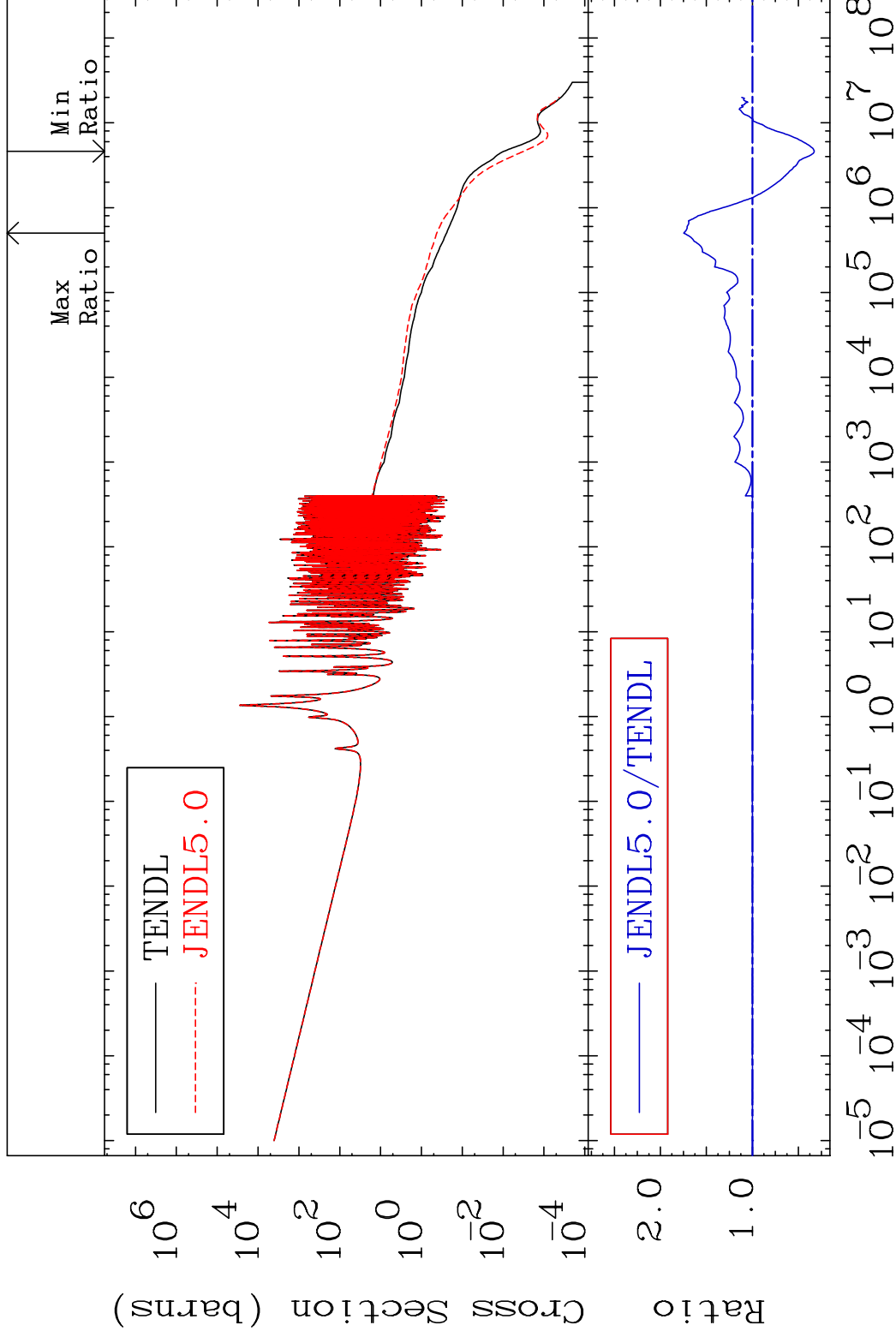
95-Am-243

MAT 9549

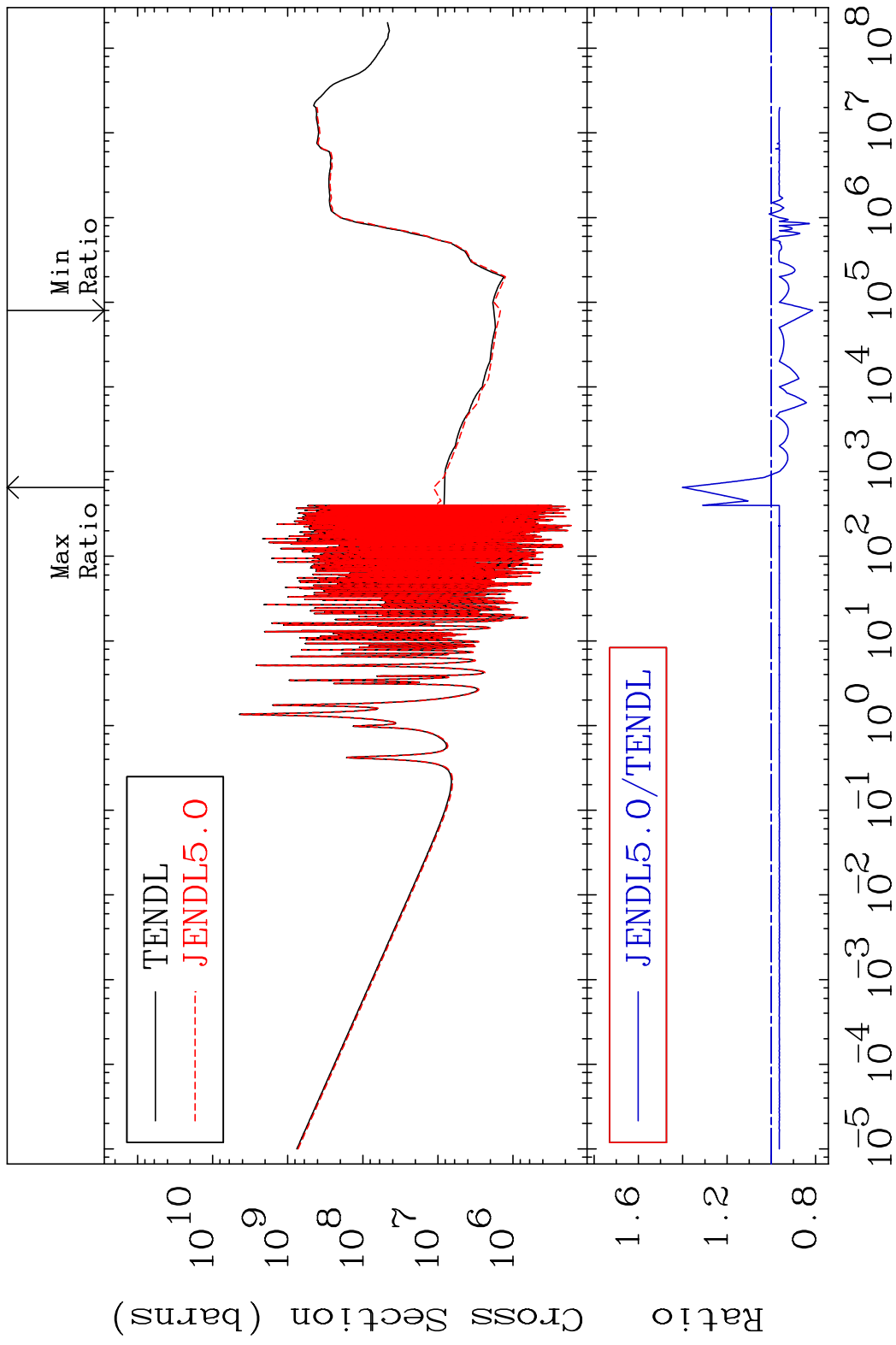
(n, γ)

95-Am-243

Cross Section -67.06 To 74.73 %



MAT 9549 Kerma total (eV-barns) 95-Am-243
Cross Section -18.66 To 40.17 %

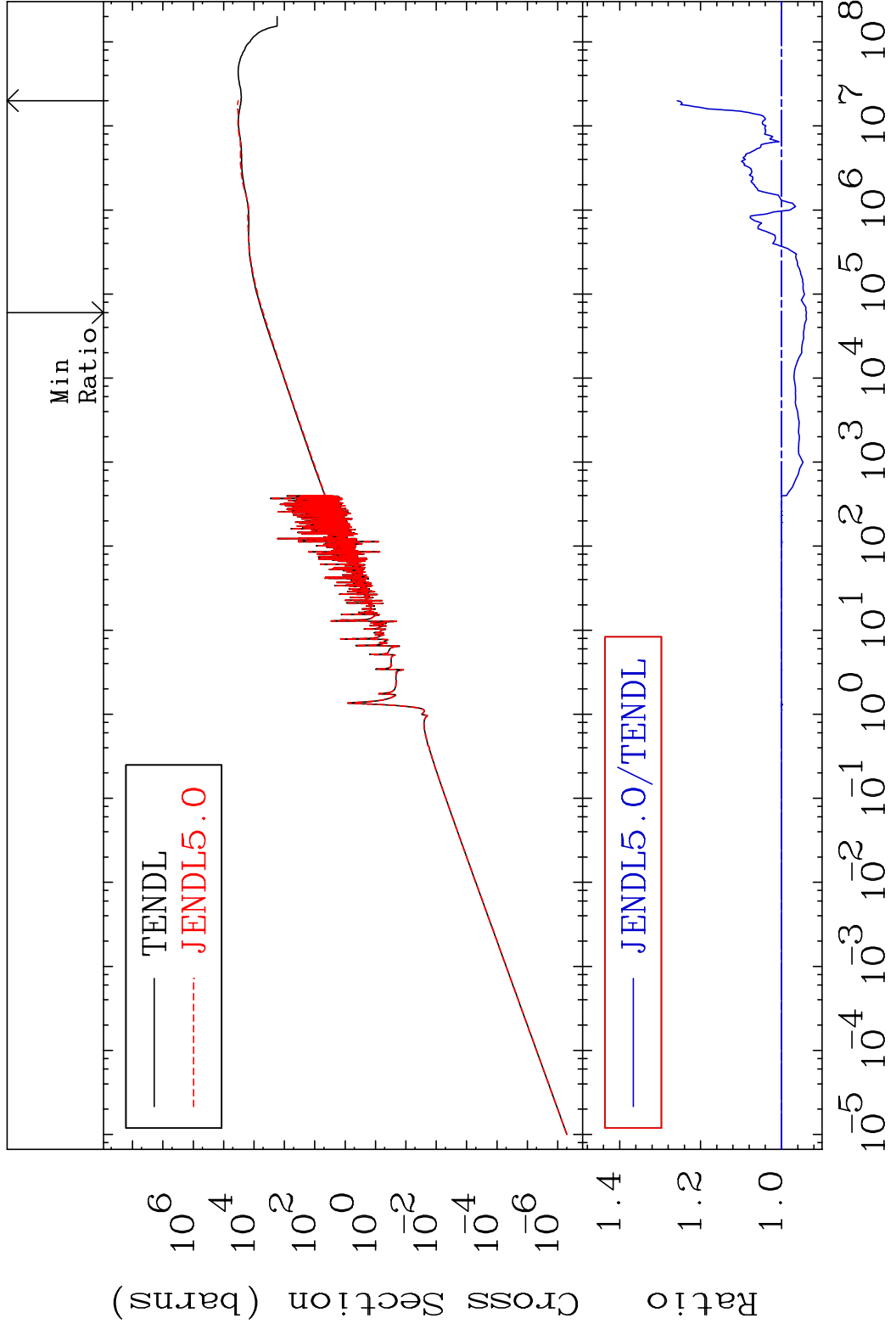


20 Incident Energy (eV) 95-Am-243

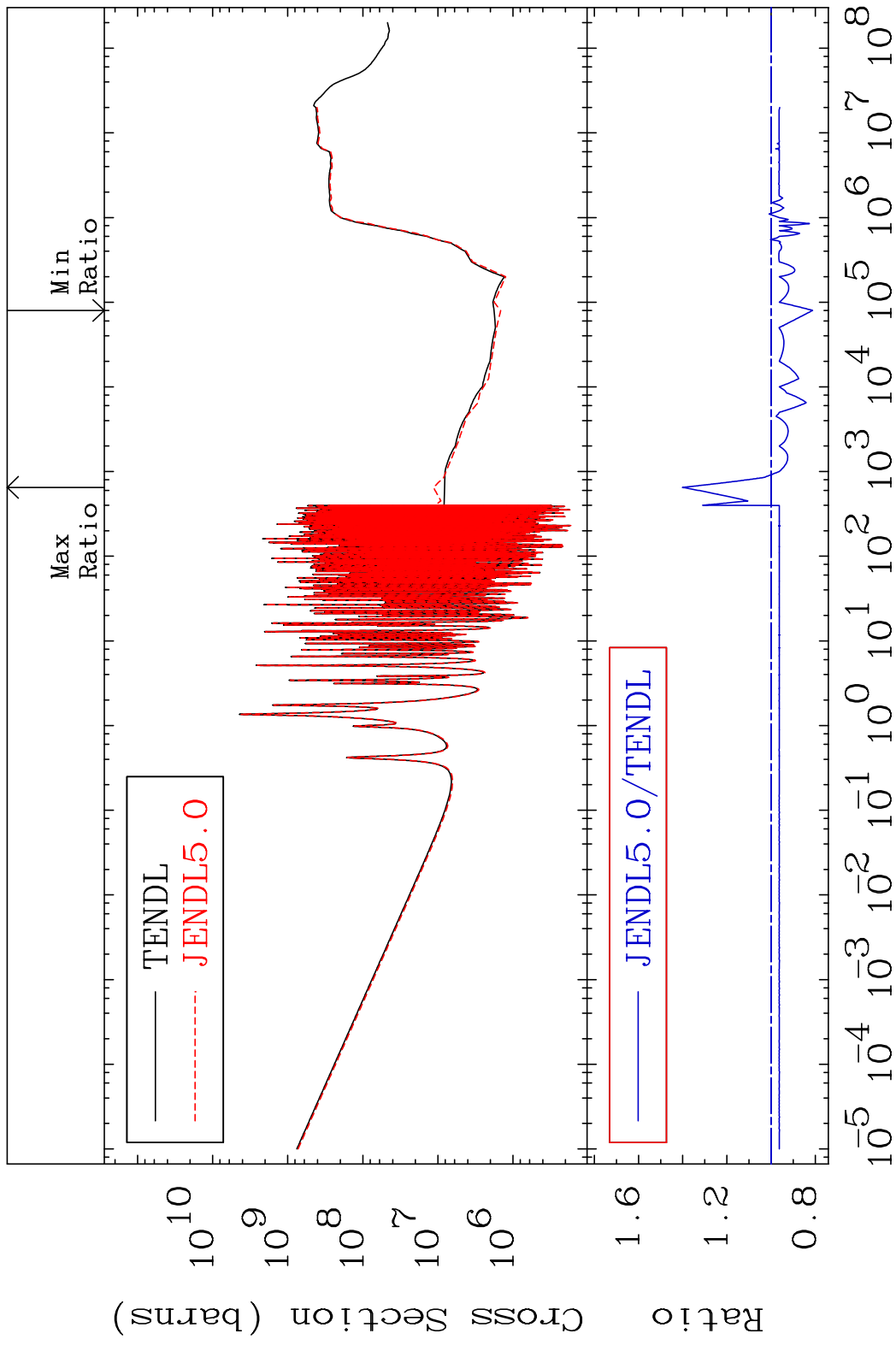
MAT 9549

Kerma elastic
Cross Section -6.138 To 25.79 %

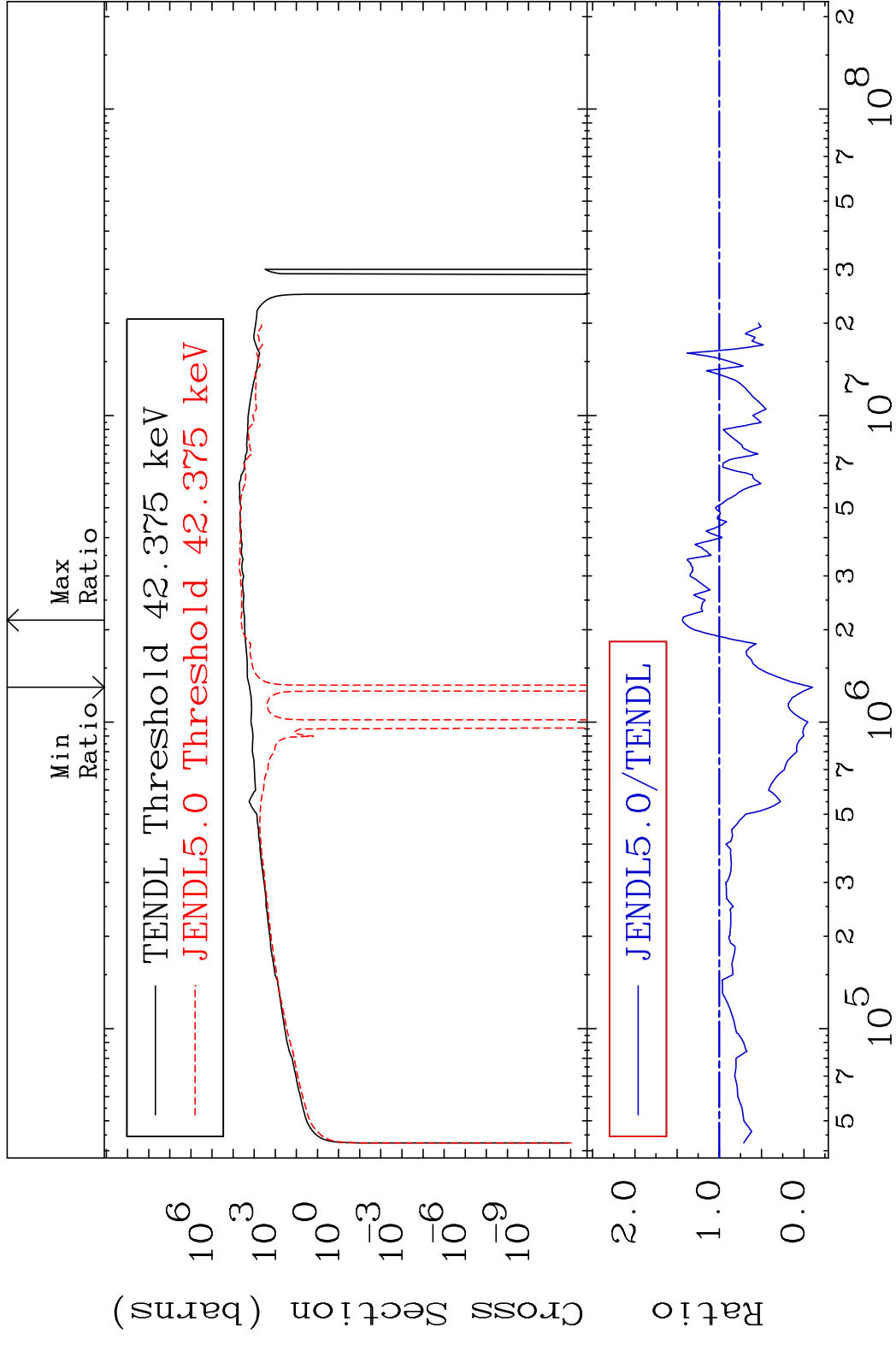
95-Am-243



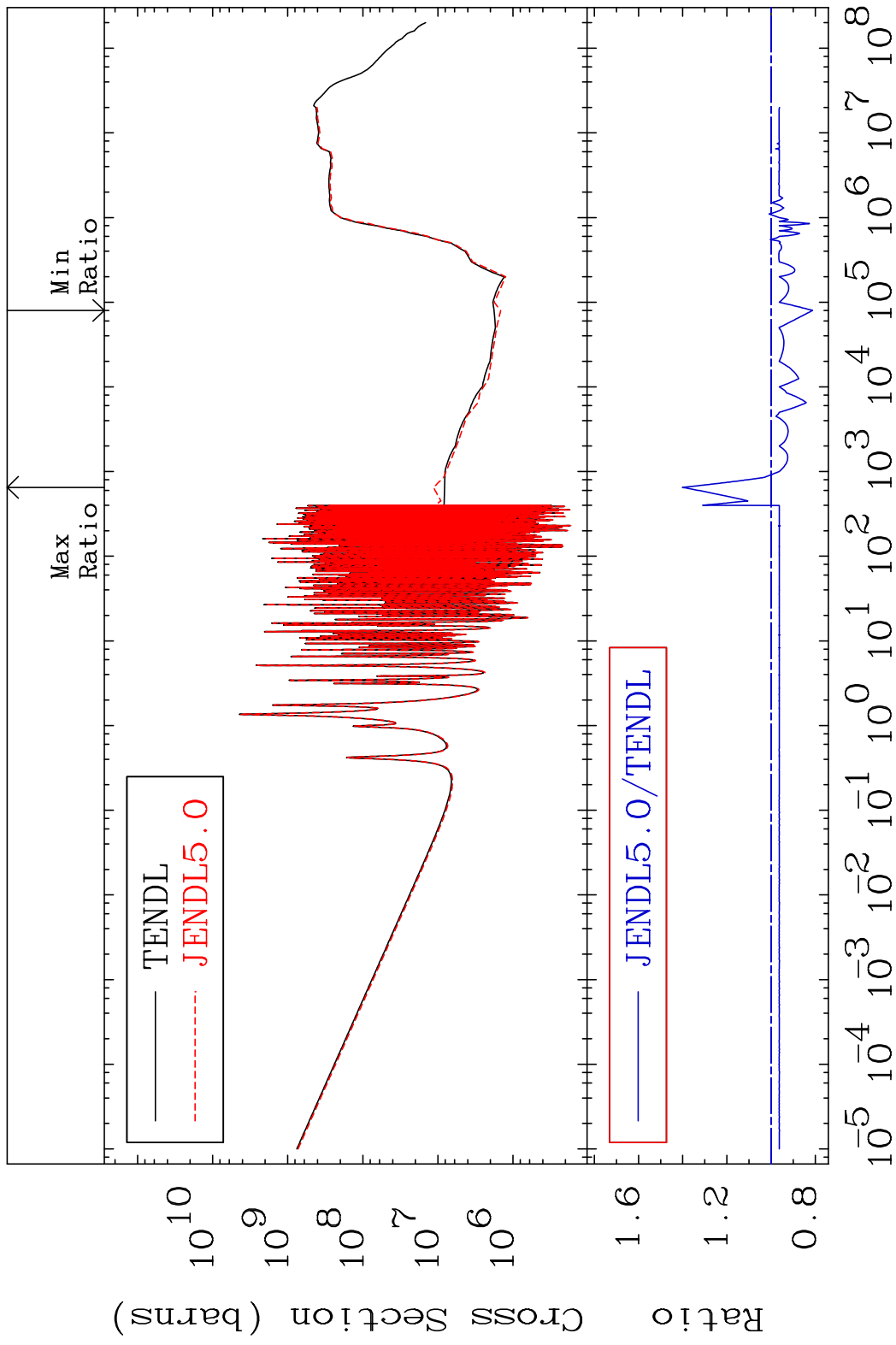
MAT 9549 Kerma non-elastic (all but mt2) 95-Am-243
 Cross Section -18.71 To 40.17 %



MAT 9549 Kerma inelastic (mt51-91) 95-Am-243
 Cross Section -110.3 To 43.80 %

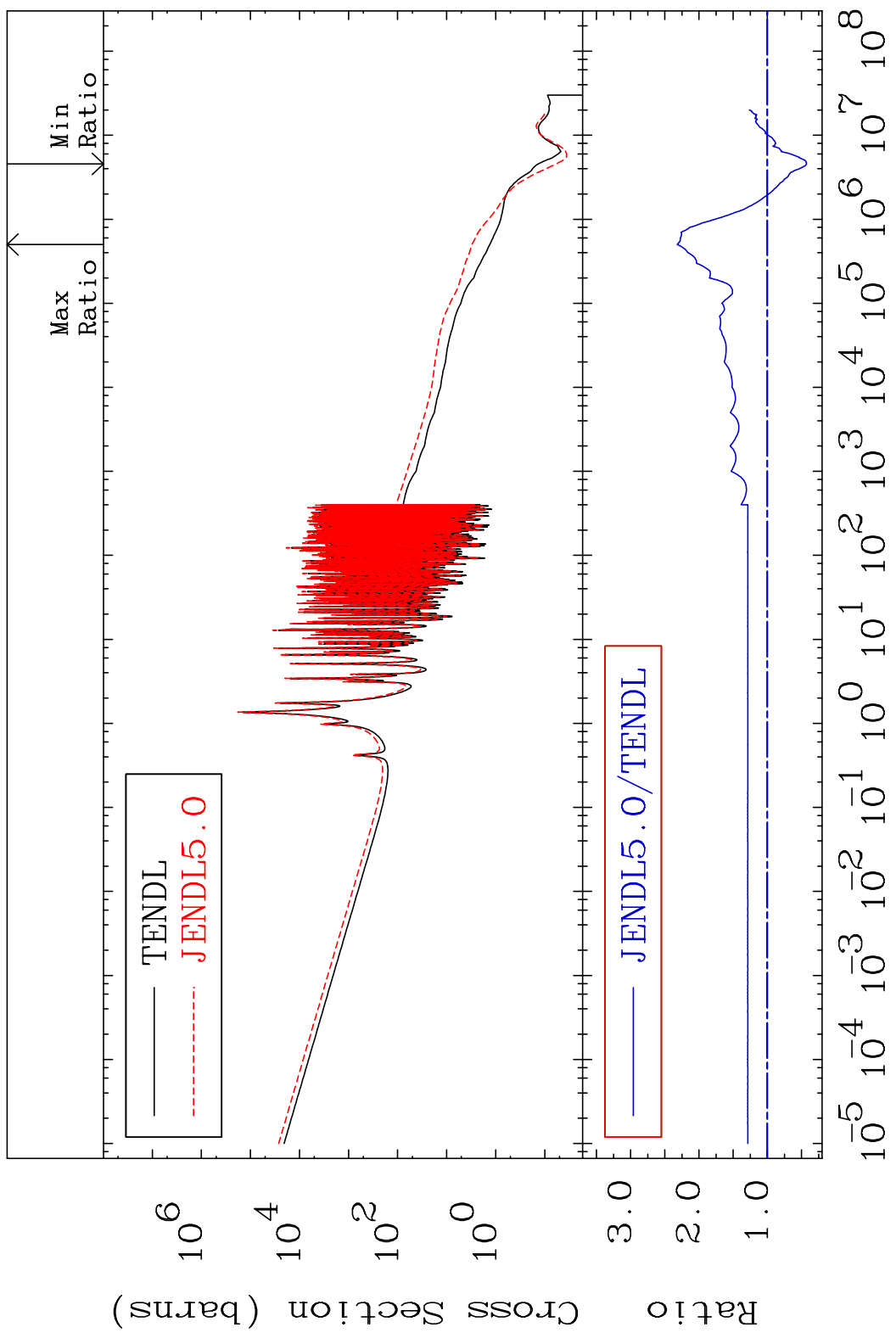


MAT 9549 Kerma fission (mt18 or mt19-20-21-38) 95-Am-243
 Cross Section -18.71 To 40.17 %



MAT 9549

Kerma capture (mt102) 95-Am-243
Cross Section -57.05 To 132.0 %



25

Incident Energy (eV)

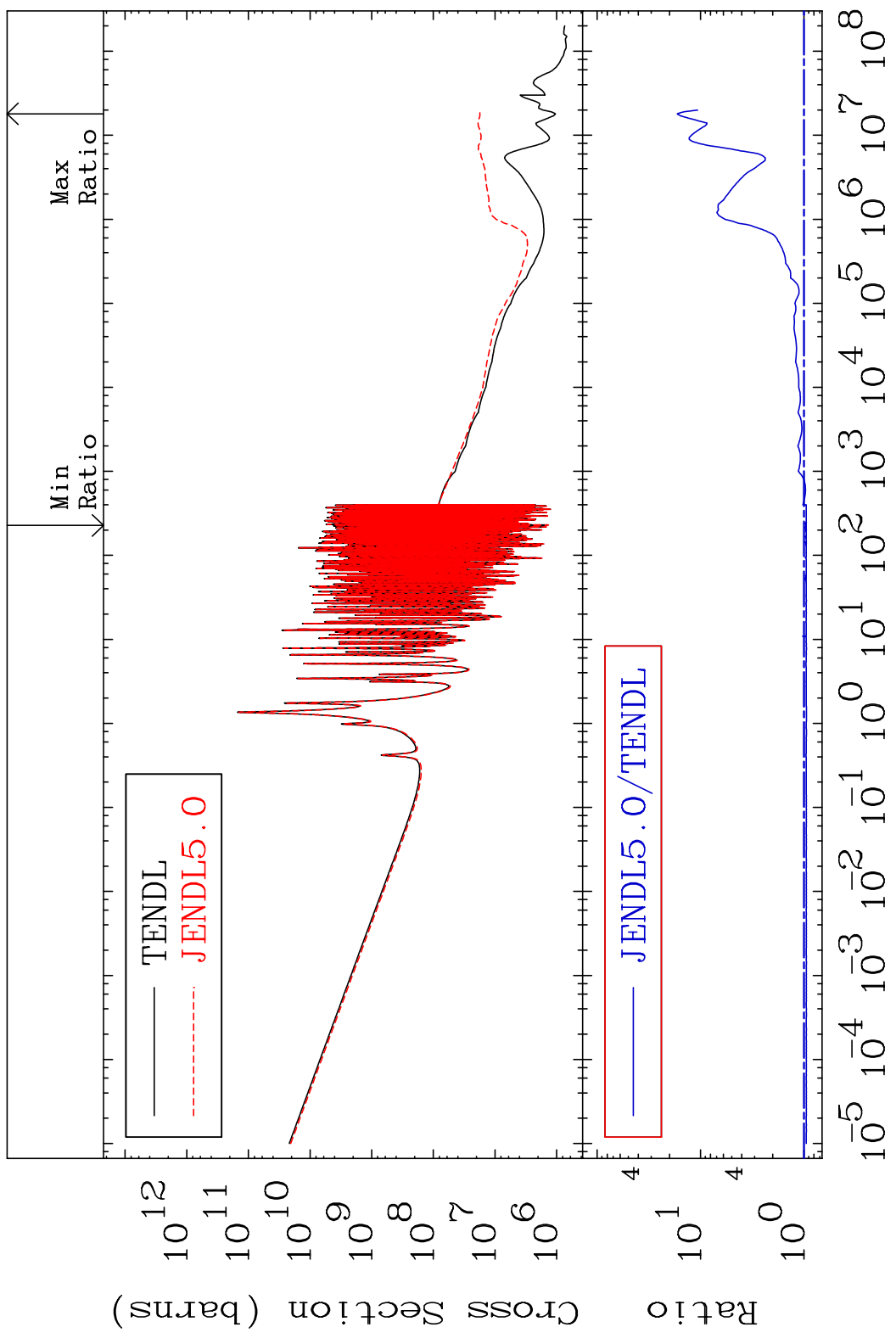
95-Am-243

MAT 9549

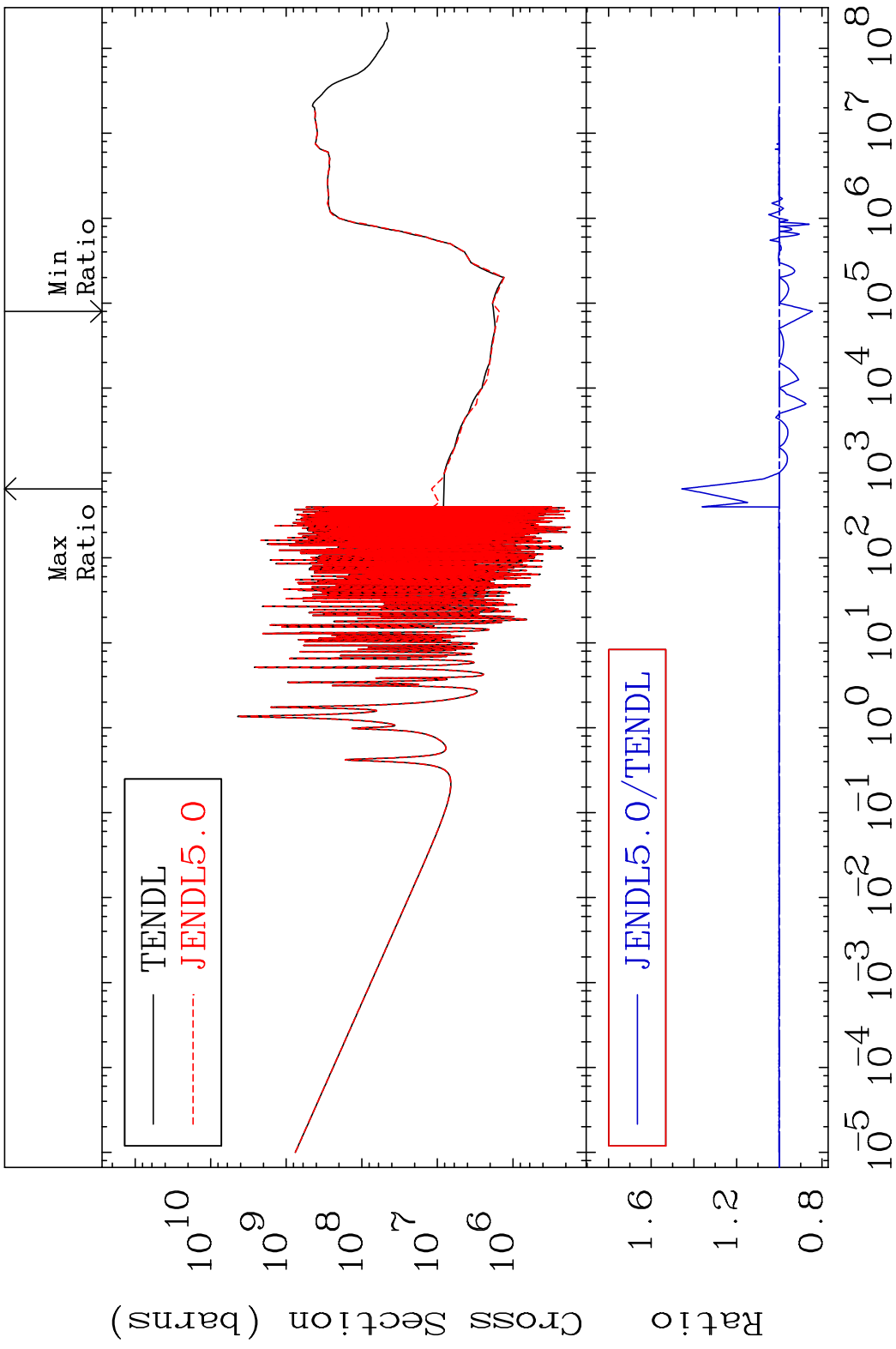
Total photon (eV-barns)

95-Am-243

Cross Section -5.454 To 1583. %



MAT 9549 Total kinematic kerma (high limit) 95-Am-243
Cross Section -15.46 To 45.70 %

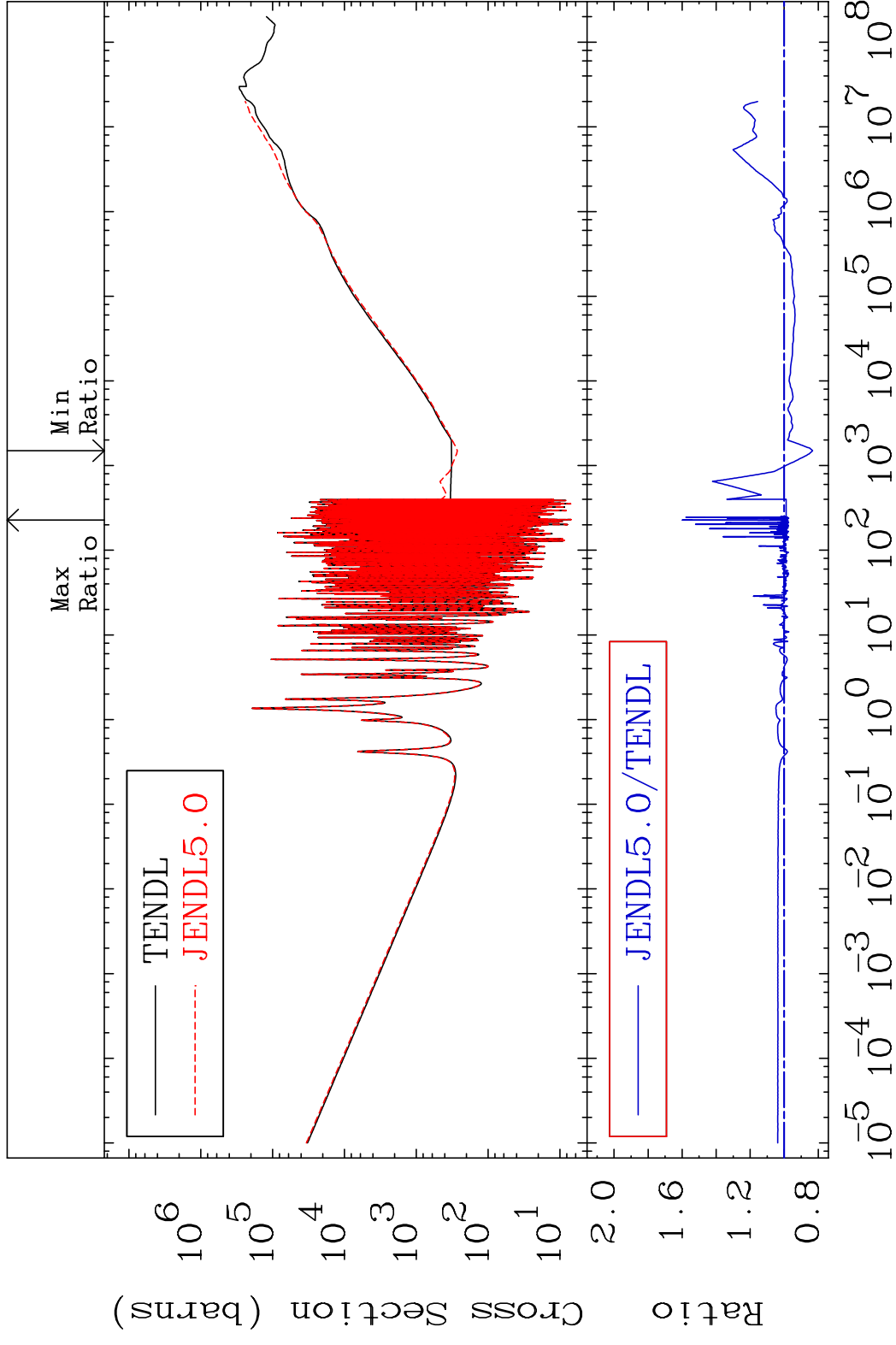


MAT 9549

Dpa total (eV-barns)

95-Am-243

Cross Section -16.67 To 59.86 %

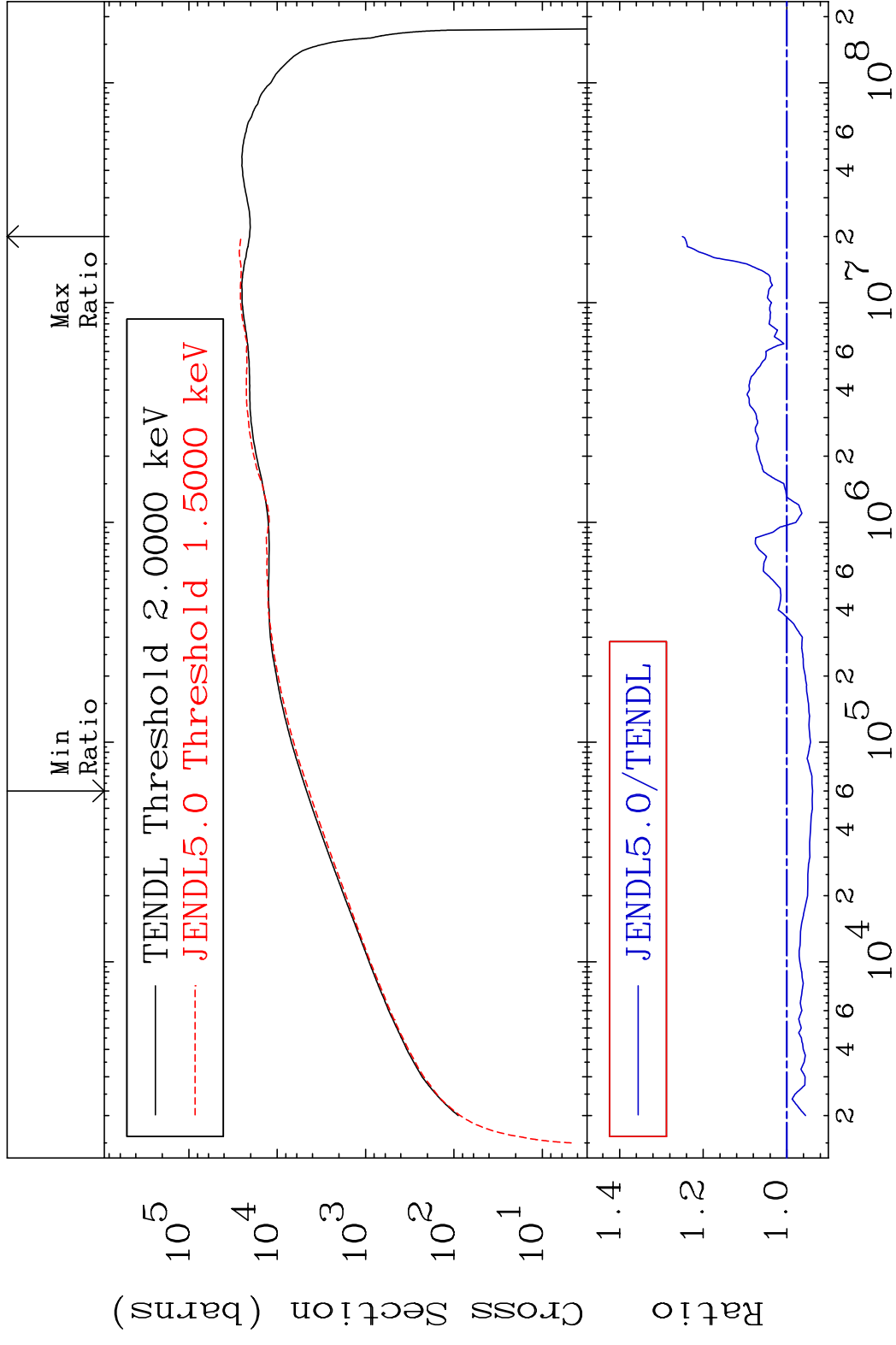


MAT 9549

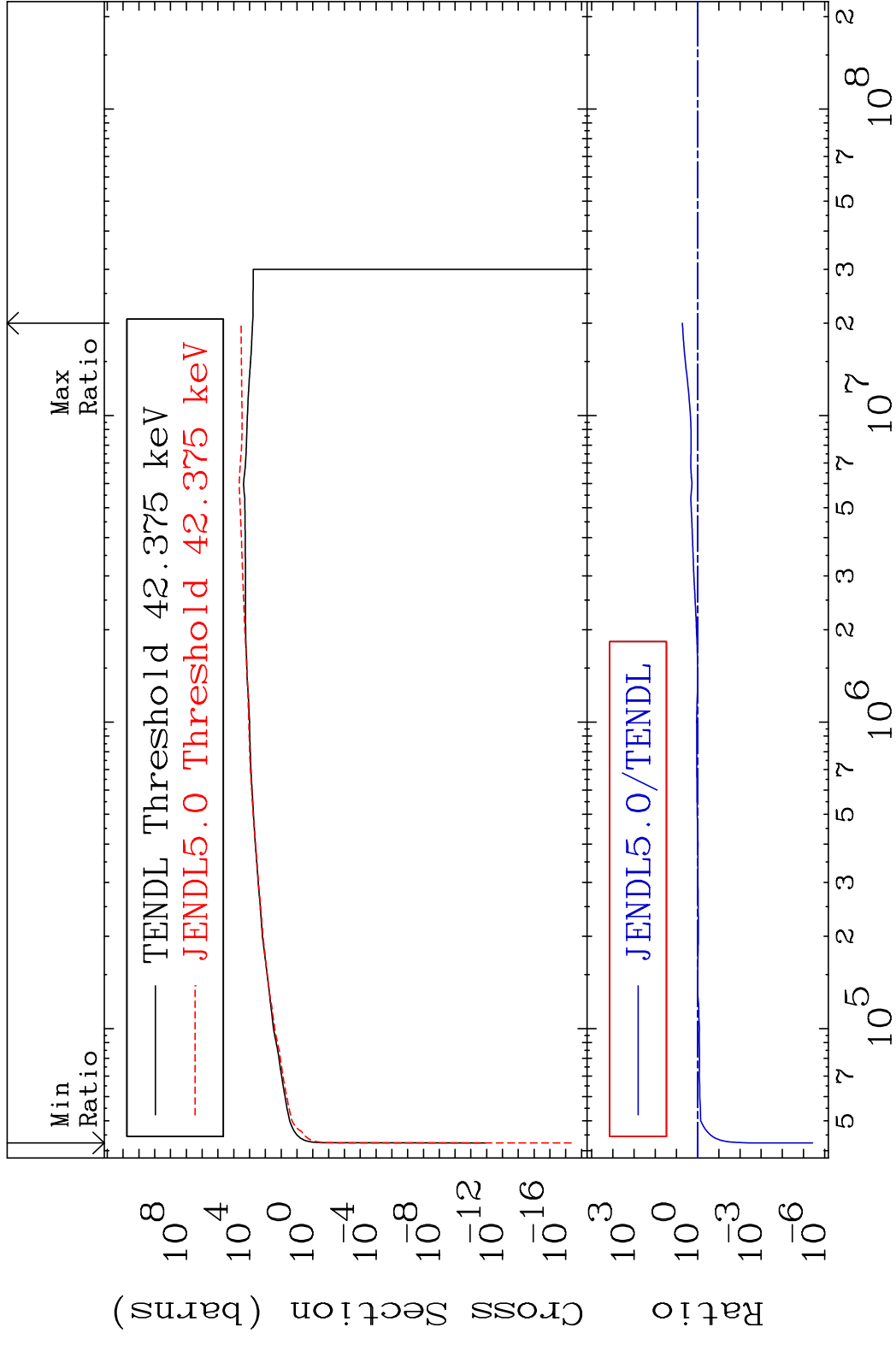
Dpa elastic (mt2)

95-Am-243

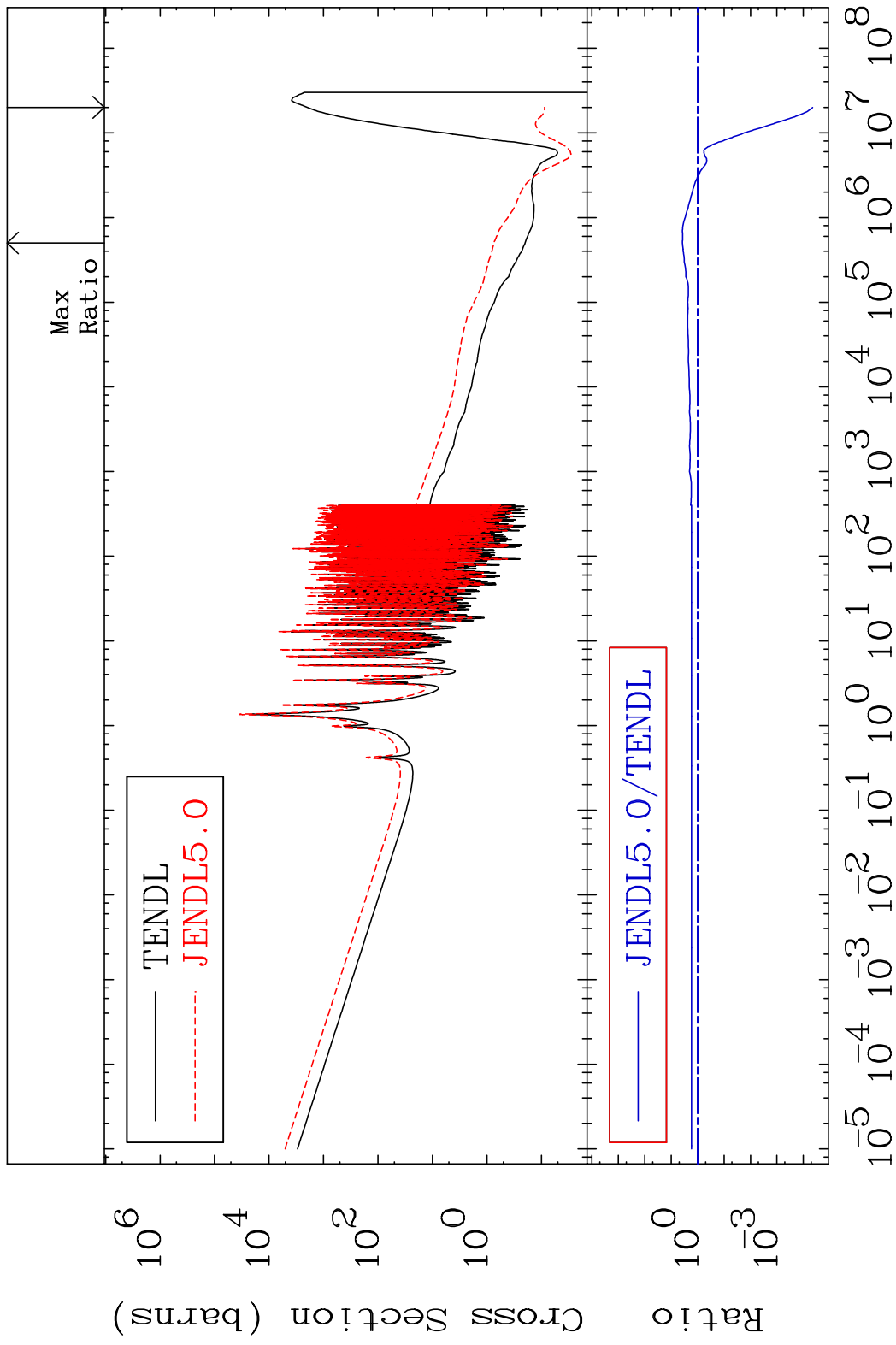
Cross Section -6.146 To 24.99 %



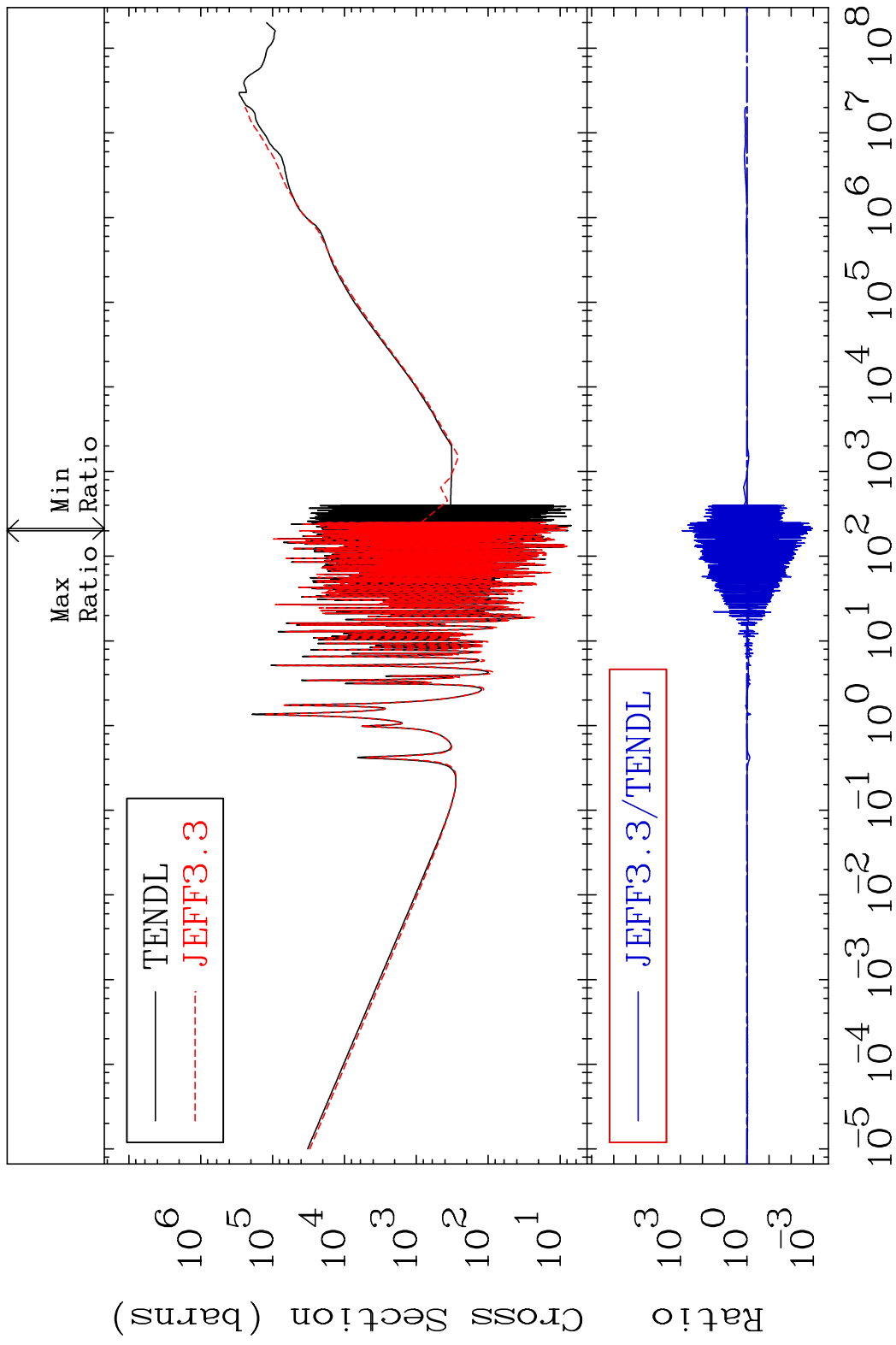
MAT 9549 Dpa inelastic (mt51-91) 95-Am-243
 Cross Section -100.0 To 422.7 %



MAT 9549 Dpa disappearance (mt102 -120) 95-Am-243
 Cross Section -100.0 To 276.8 %



MAT 9549 Dpa total (eV-barns) 95-Am-243
 Cross Section -99.89 To 9999. %

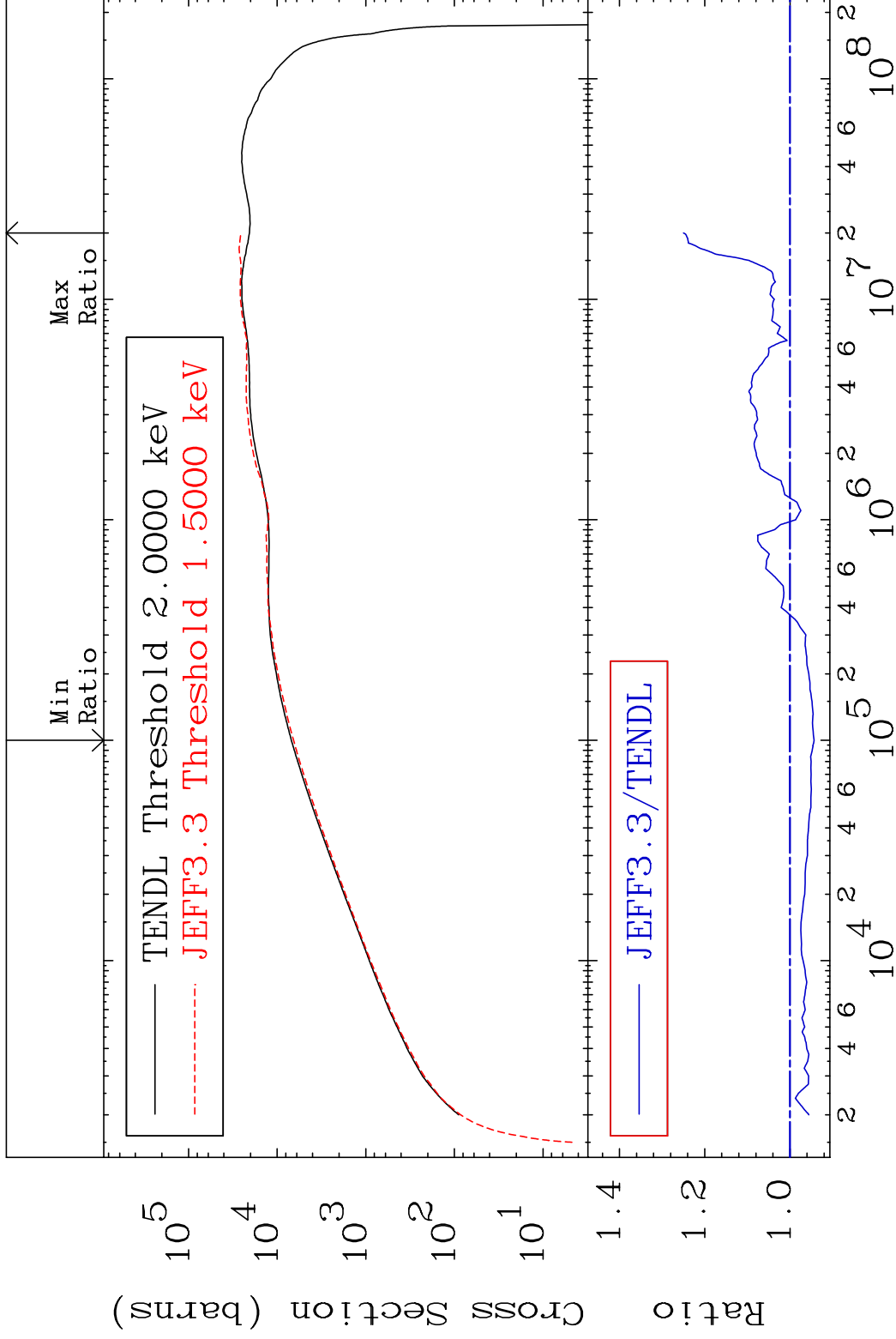


MAT 9549

Dpa elastic (mt2)

95-Am-243

Cross Section -5.643 To 24.99 %

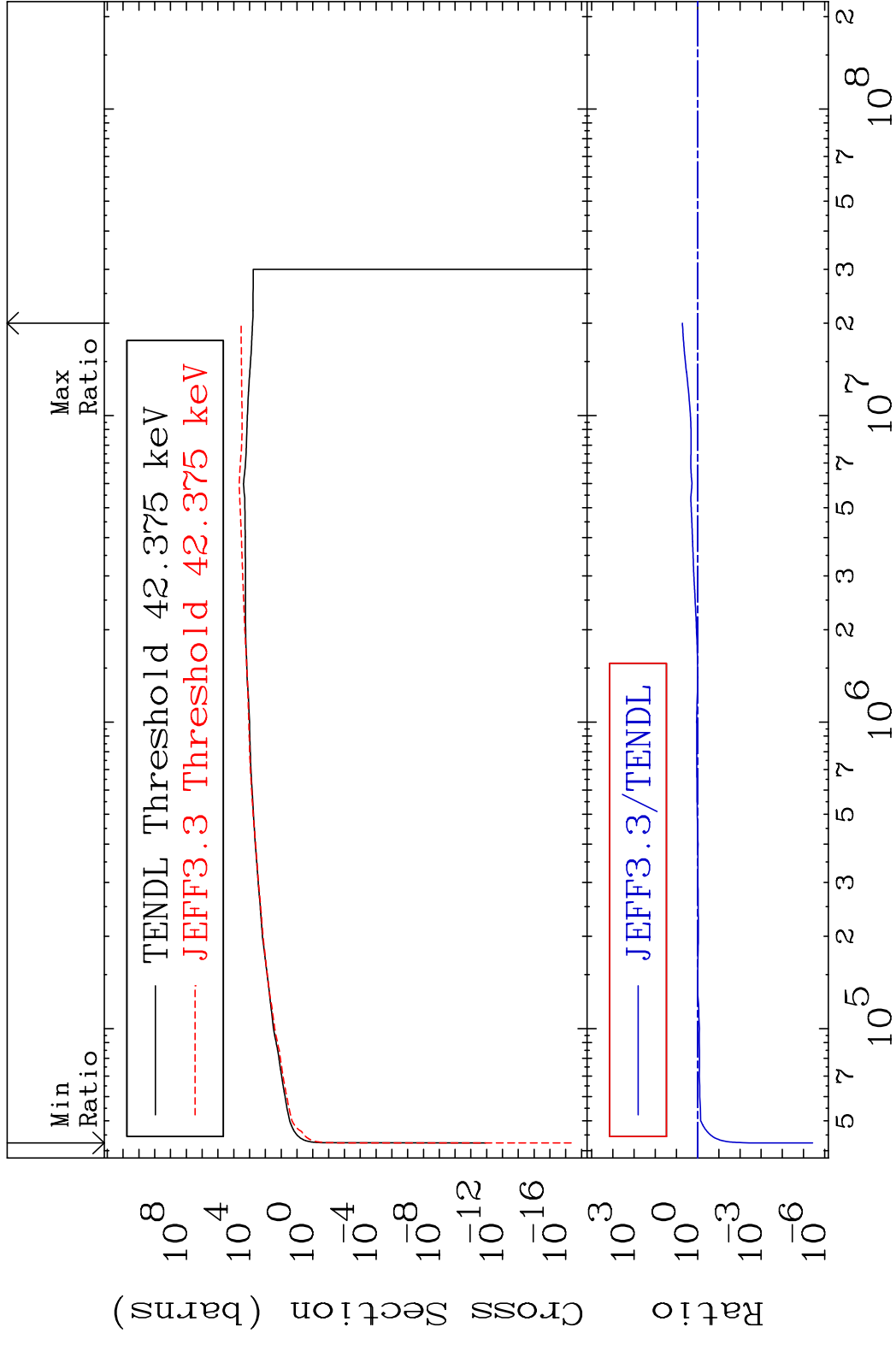


33

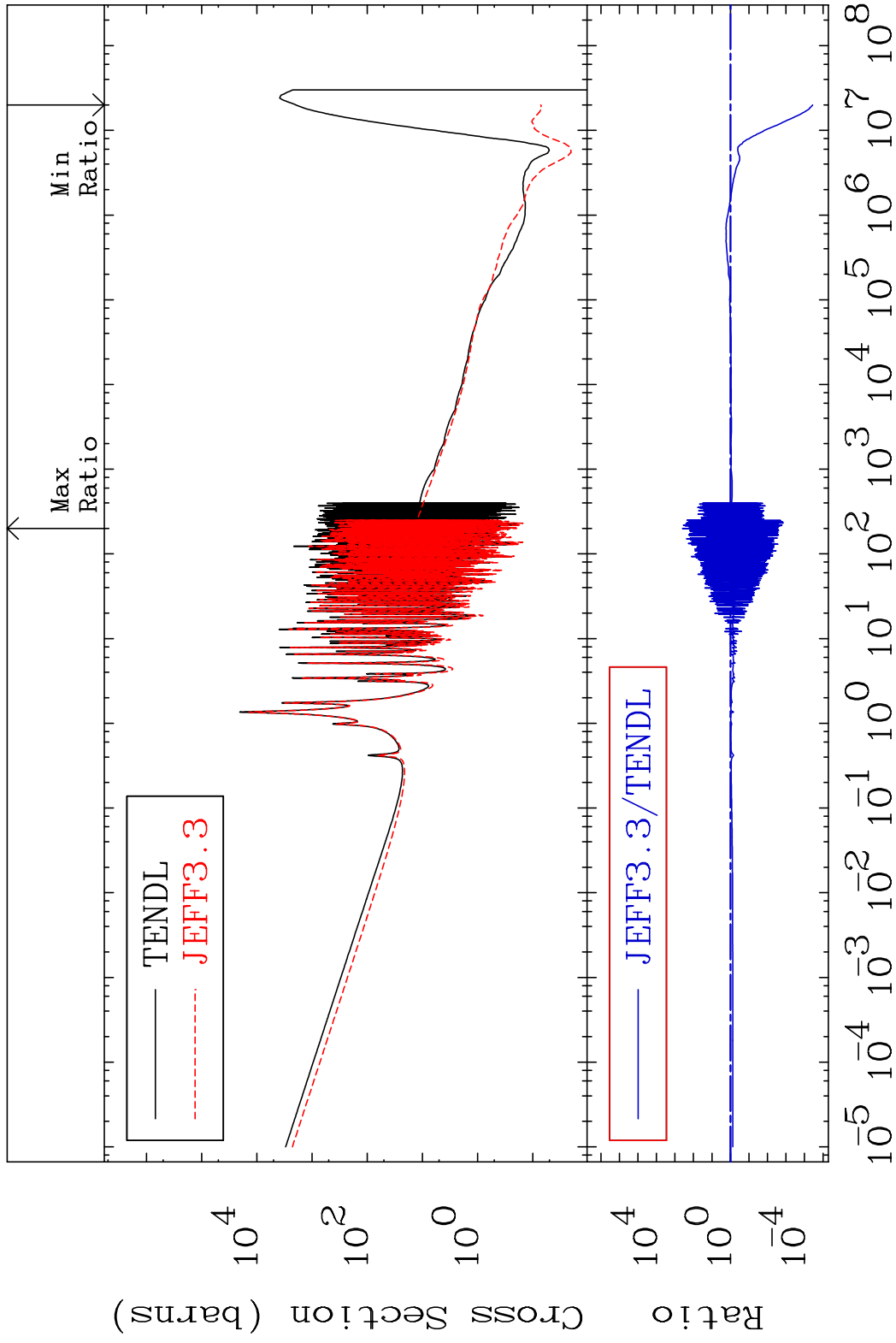
Incident Energy (eV)

95-Am-243

MAT 9549 Dpa inelastic (mt51-91) 95-Am-243
 Cross Section -100.0 To 422.7 %



MAT 9549 Dpa disappearance (mt102 -120) 95-Am-243
 Cross Section -100.0 To 9999. %



35 Incident Energy (eV) 95-Am-243

MAT 9549 (n, 2n): 95-Am-242m2 95-Am-243
 Radionuclide Production Cross Section Ratio 820.6 %

