

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

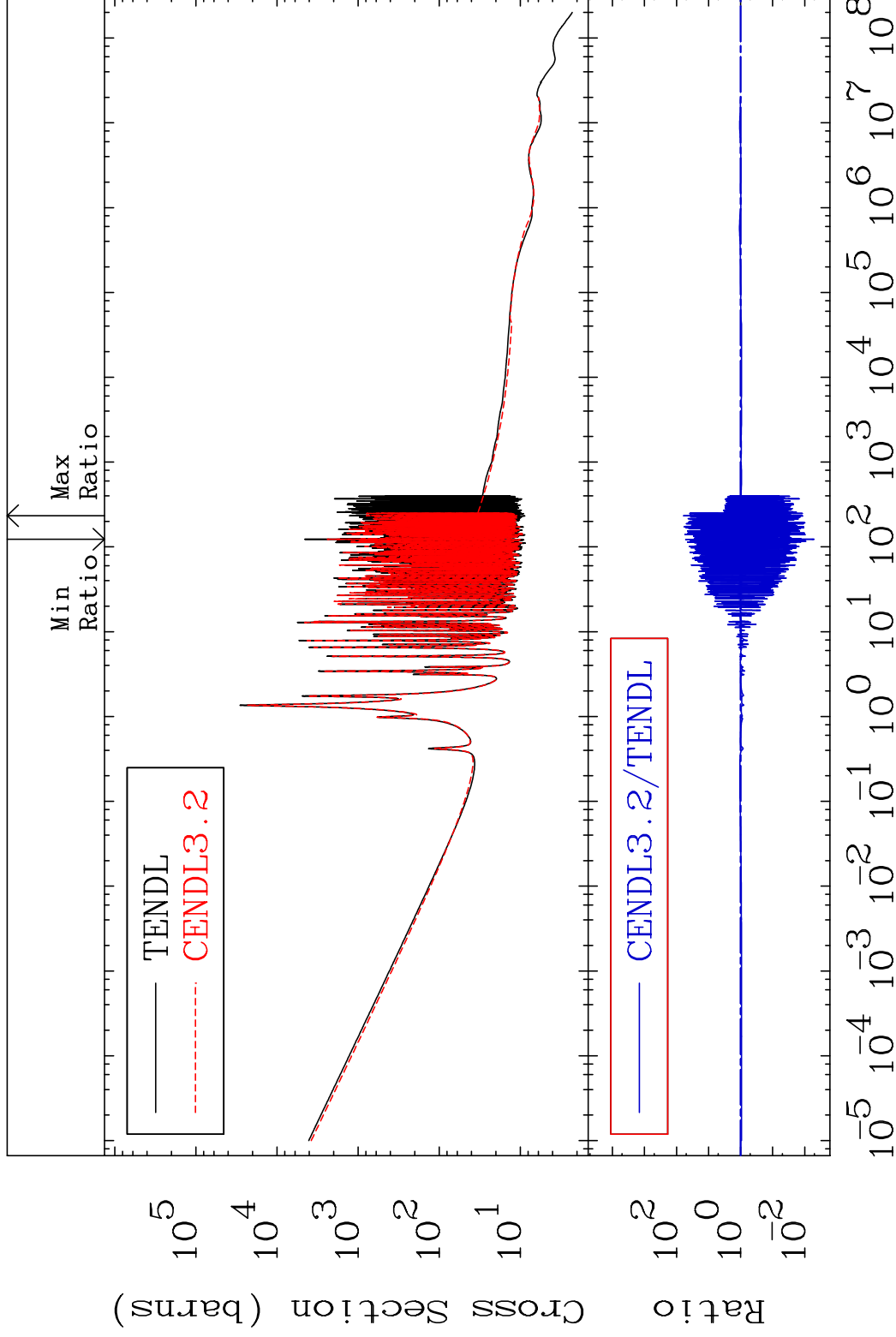
MAT 9549

Total

95-Am-243

Cross Section

-99.49 To 5883. %



1

Incident Energy (eV)

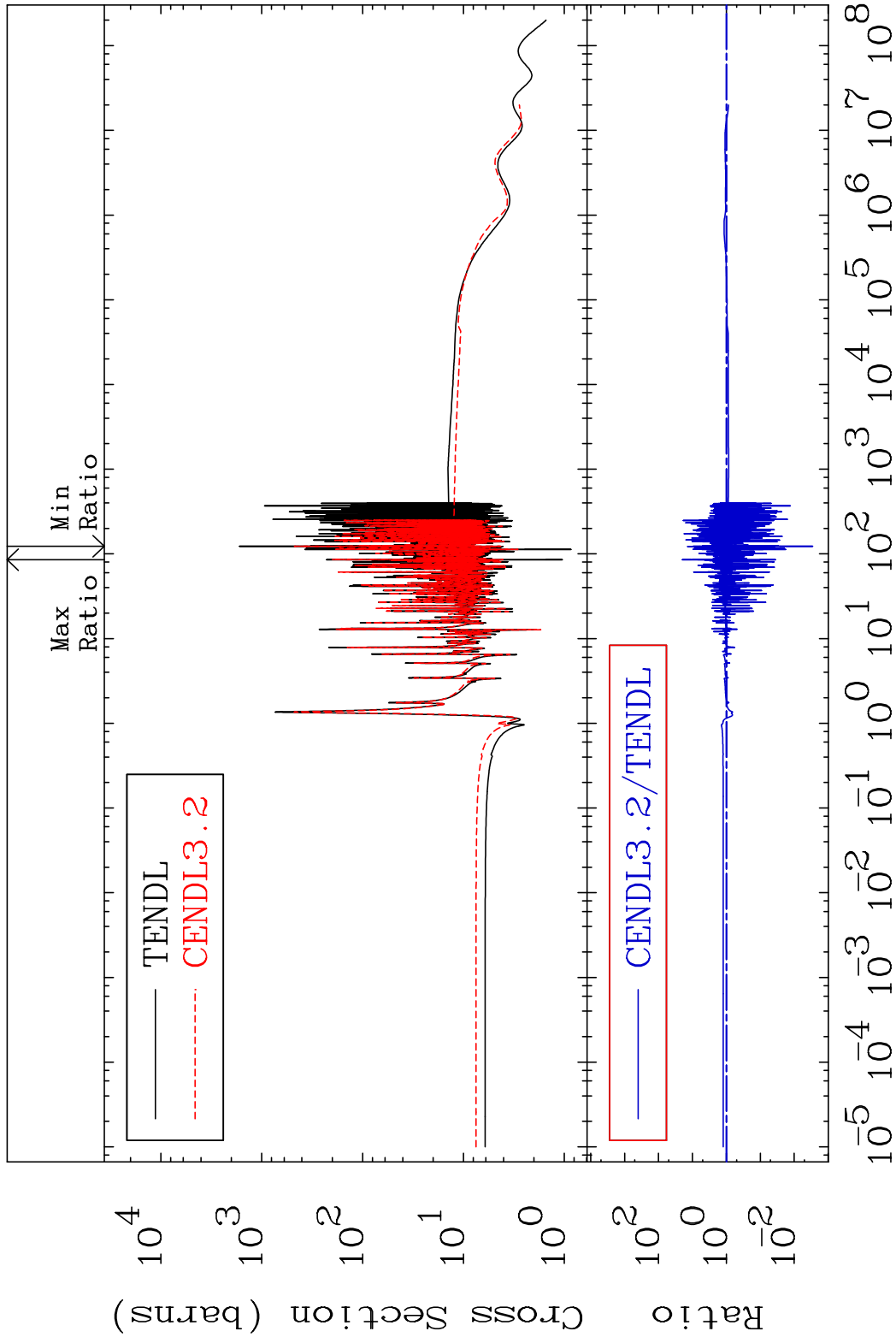
95-Am-243

MAT 9549

Elastic

95-Am-243

Cross Section -99.71 To 1883. %



2

Incident Energy (eV)

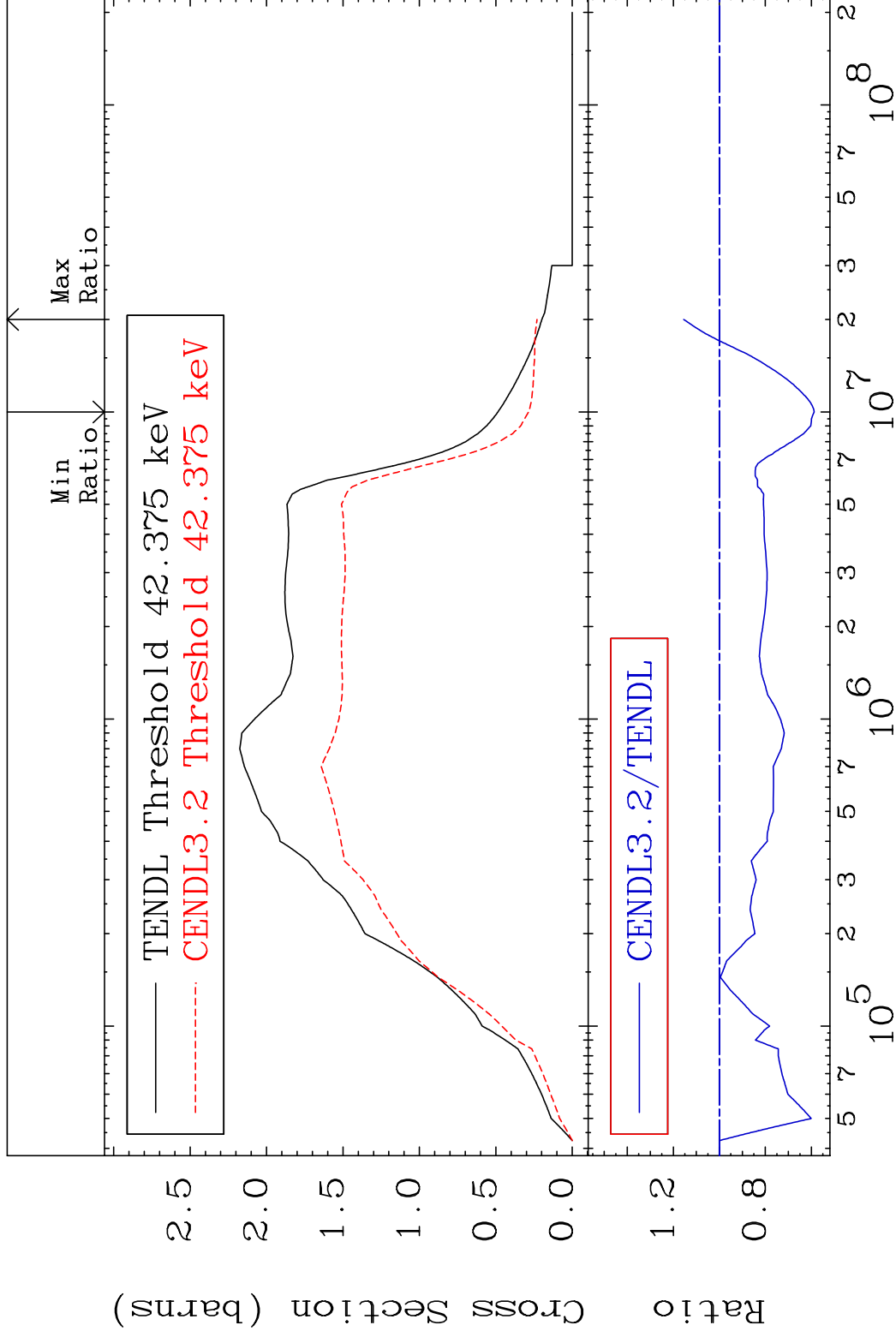
95-Am-243

MAT 9549

Inelastic

95-Am-243

Cross Section -41.18 To 15.50 %



3

Incident Energy (eV)

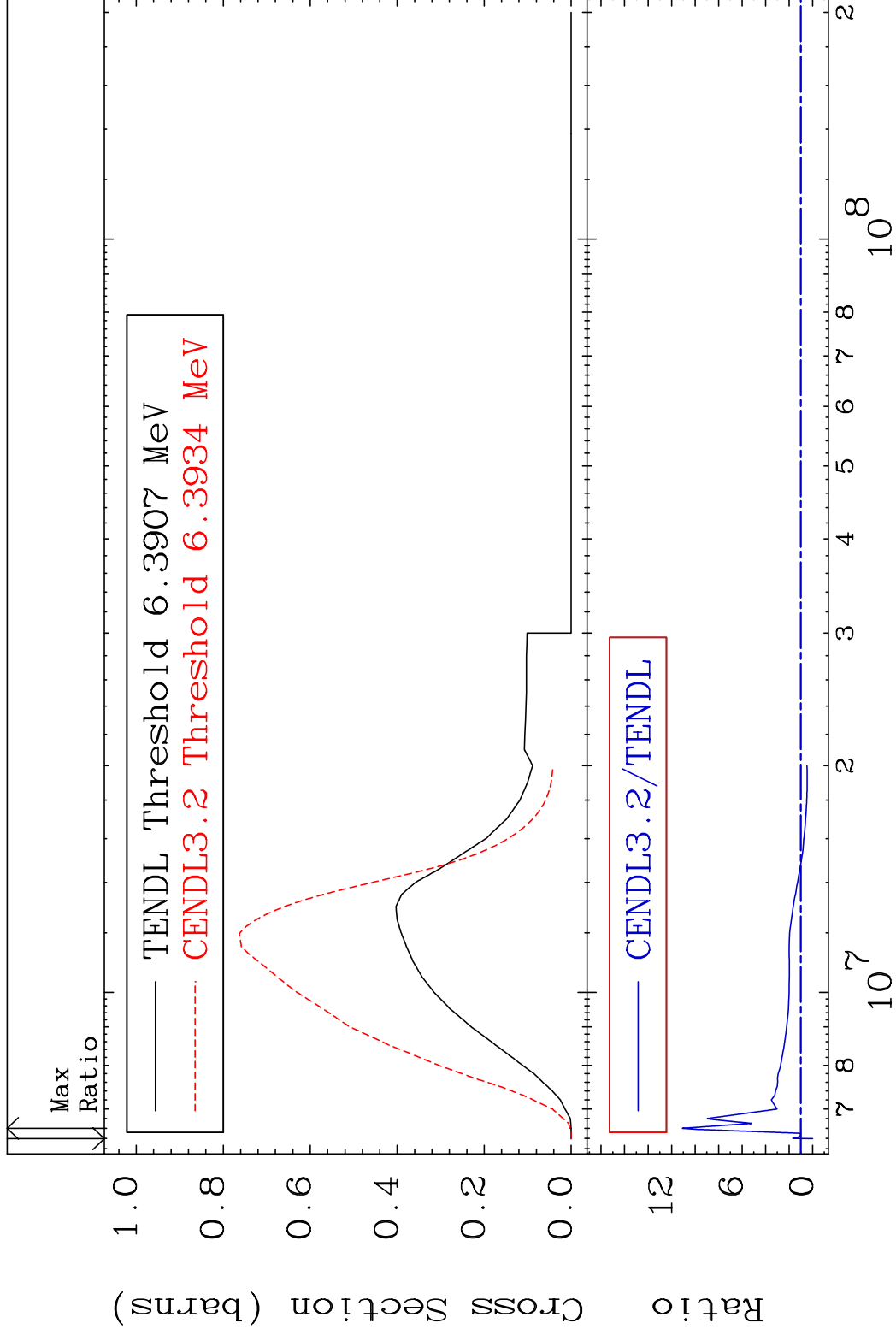
95-Am-243

MAT 9549

(n,2n)

95-Am-243

Cross Section -100.0 To 1008. %



4

Incident Energy (eV)

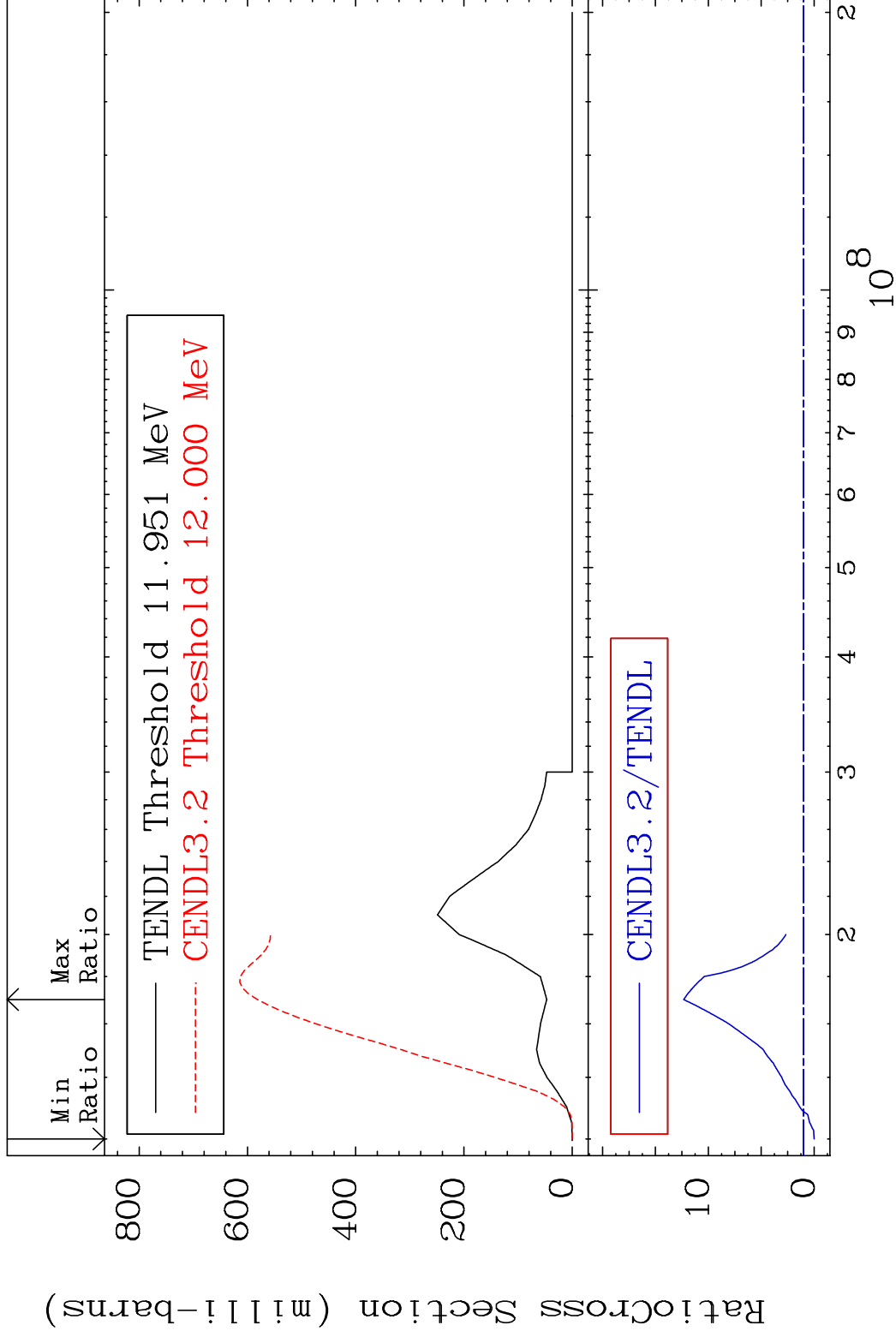
95-Am-243

MAT 9549

(n,3n)

95-Am-243

Cross Section -100.0 To 1133. %



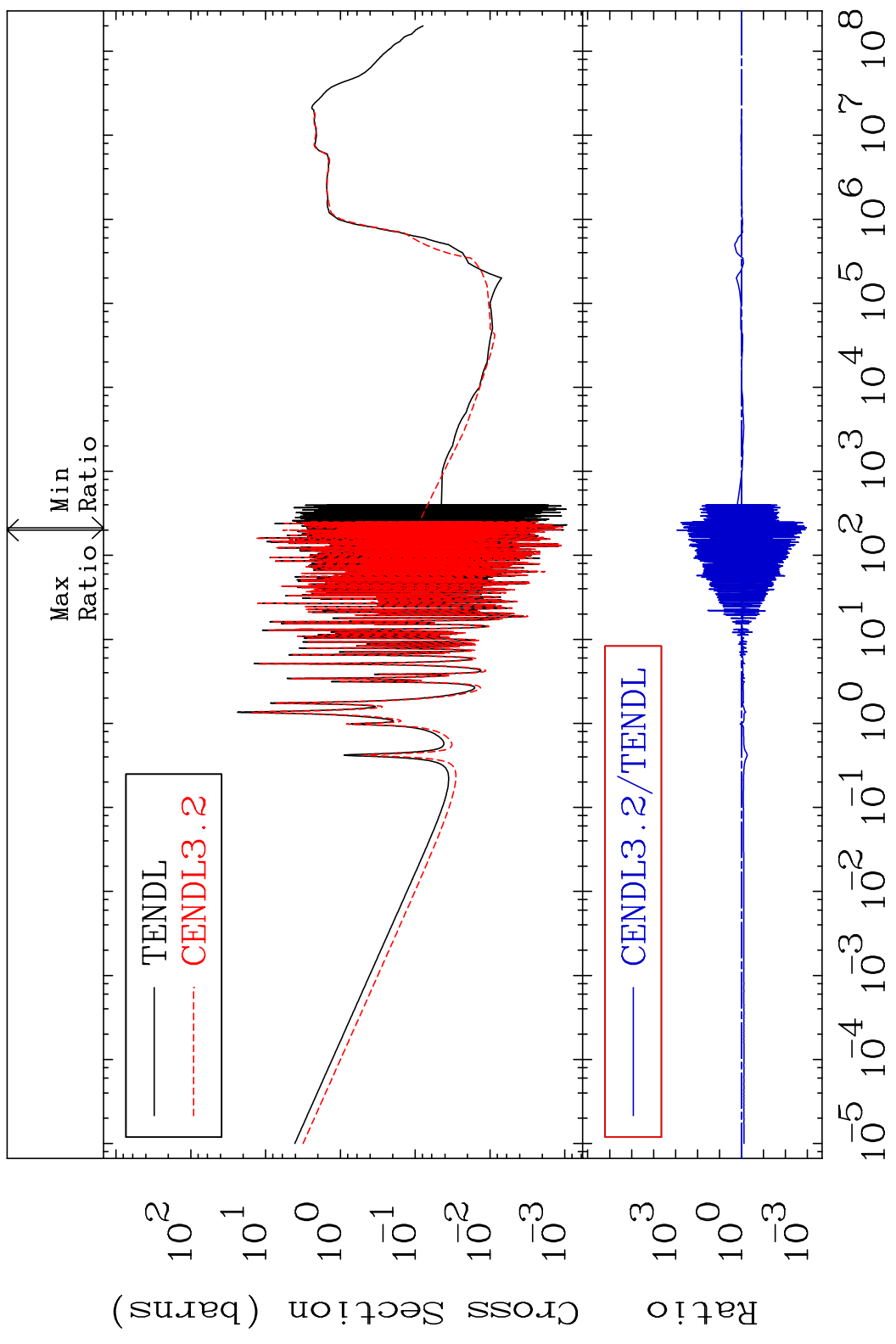
5

Incident Energy (eV)

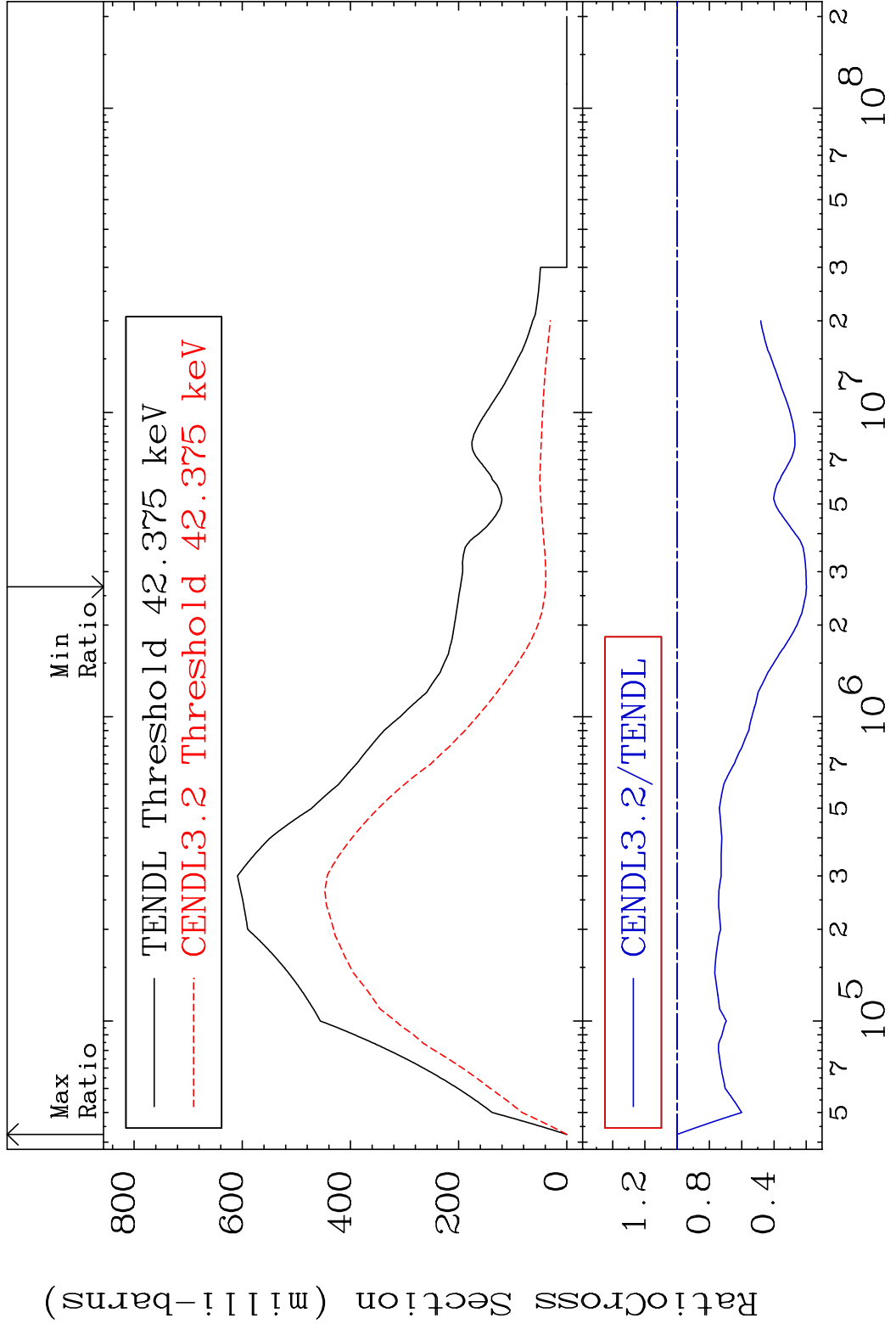
95-Am-243

MAT 9549

Fission Cross Section -99.89 To 9999. %
95-Am-243

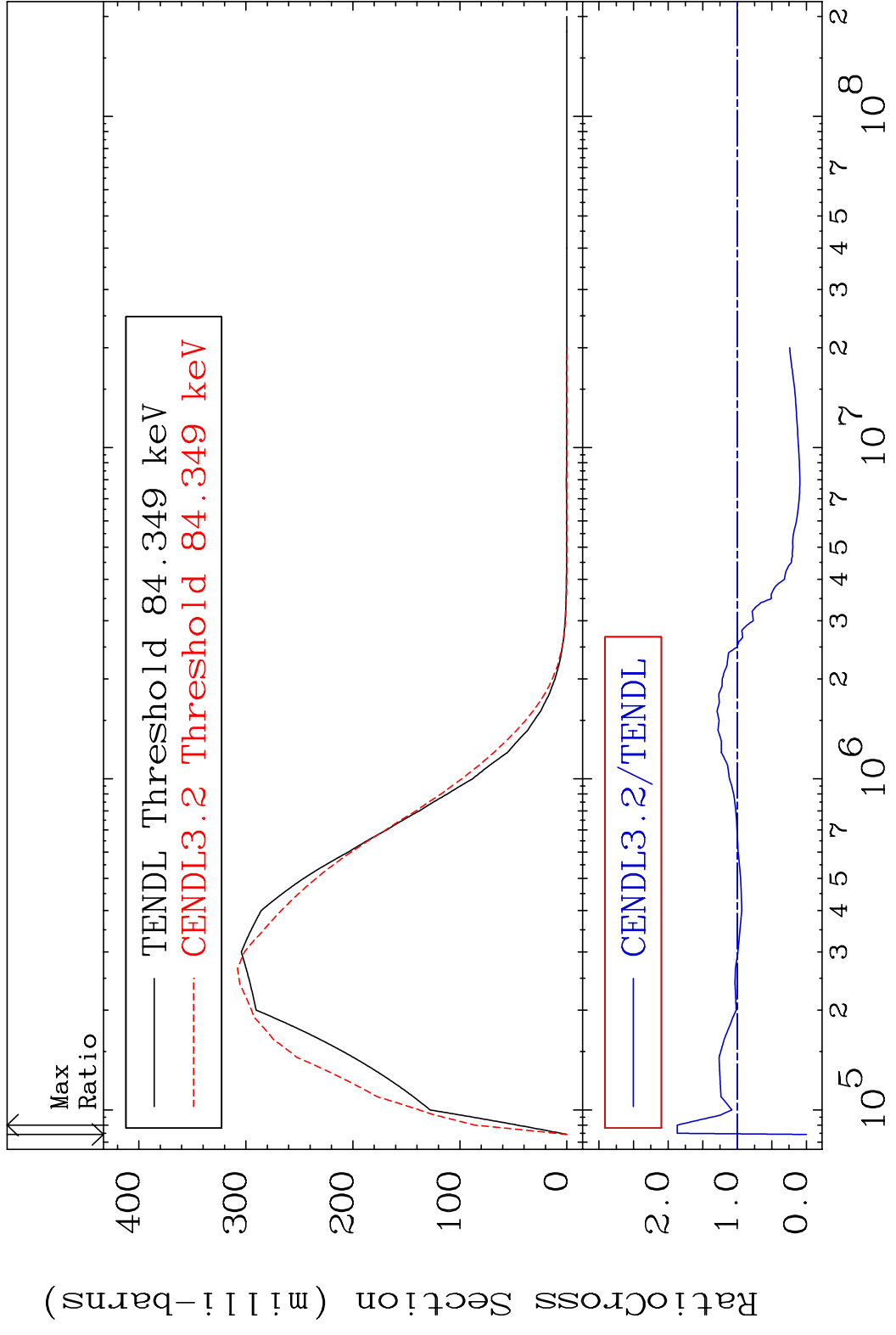


MAT 9549 MT= 51 (n, n') Level 95-Am-243
 Cross Section -80.05 To 0.000 %



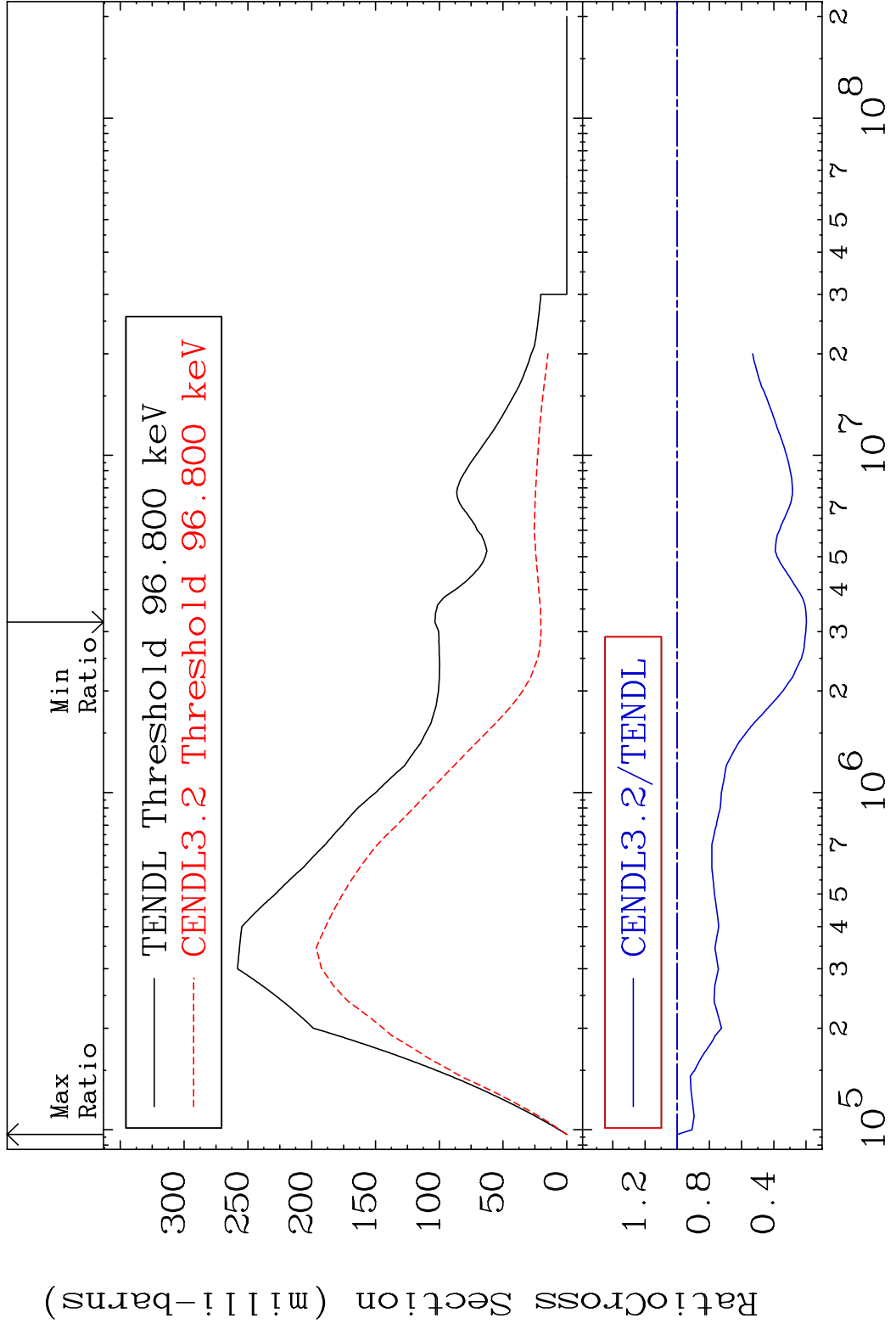
7 95-Am-243

MAT 9549 MT= 52 (n, n') Level 95-Am-243
 Cross Section -100.0 To 86.88 %



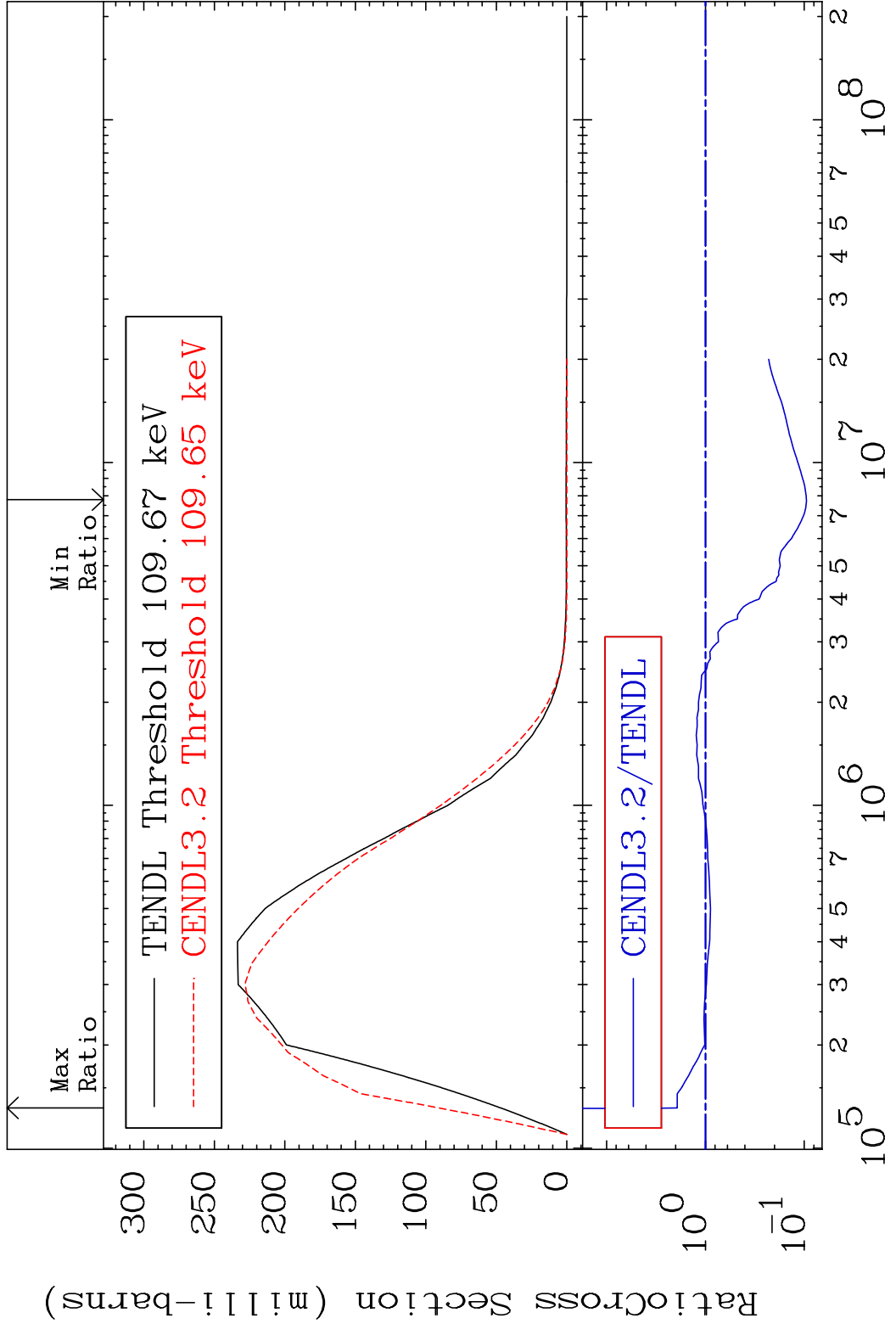
8 95-Am-243

MAT 9549 MT= 53 (n, n') Level 95-Am-243
 Cross Section -80.26 To 0.000 %



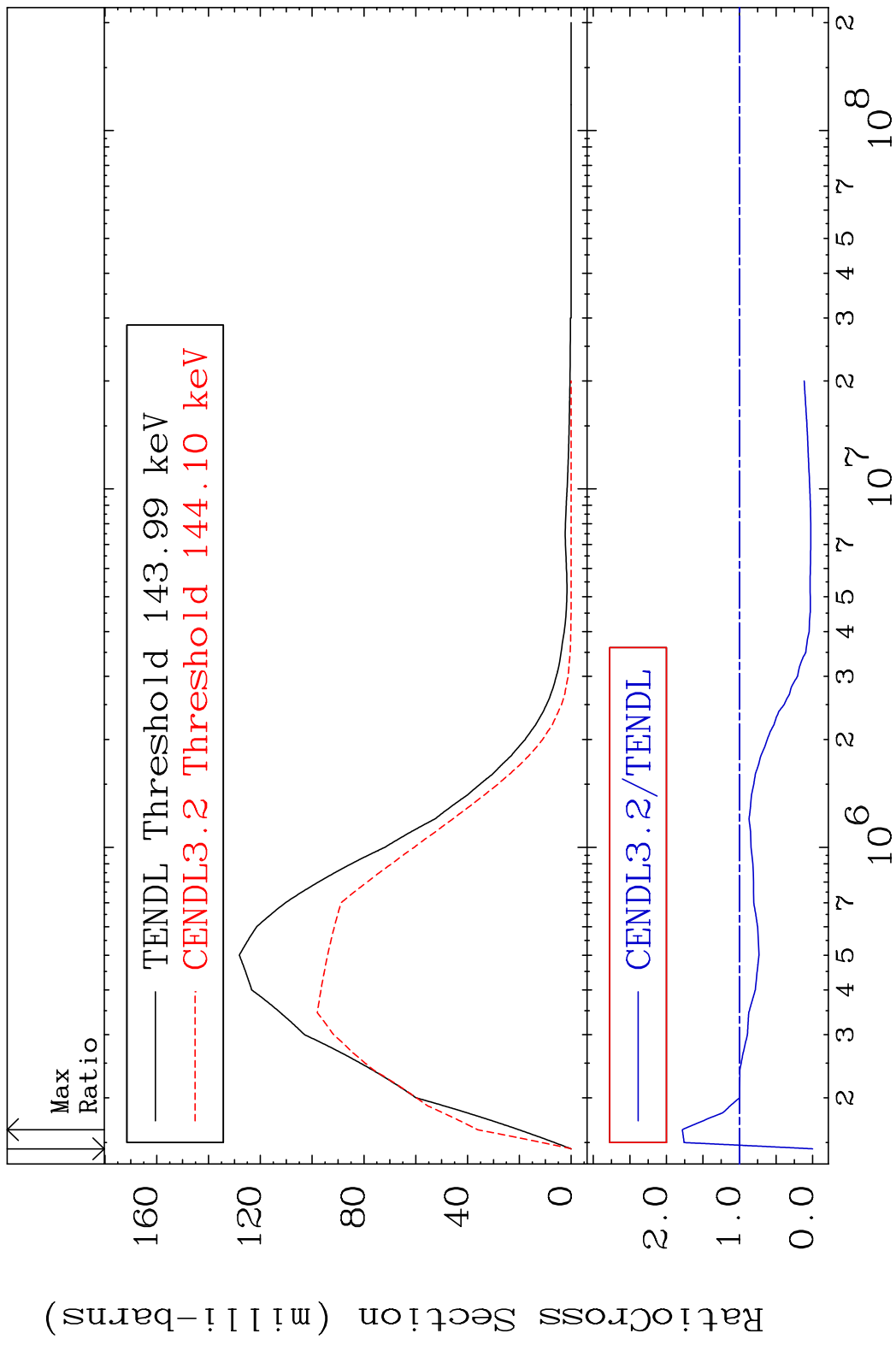
9 Incident Energy (eV) 95-Am-243

MAT 9549 MT= 54 (n, n') Level 95-Am-243
 Cross Section -90.48 To 93.19 %

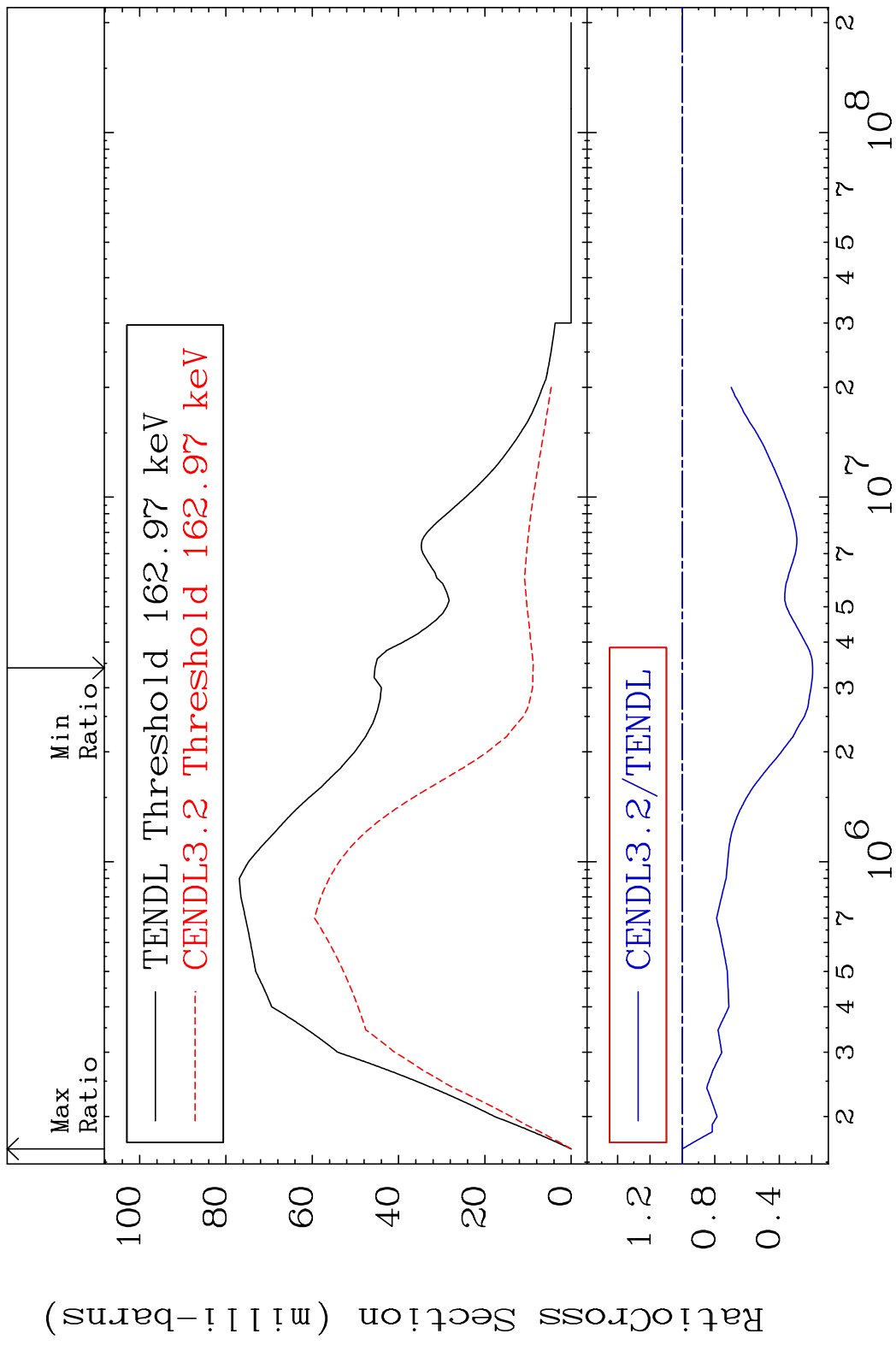


10 10⁵ 10⁶ 10⁷ 10⁸ 2 3 4 5 7 8 2 95-Am-243

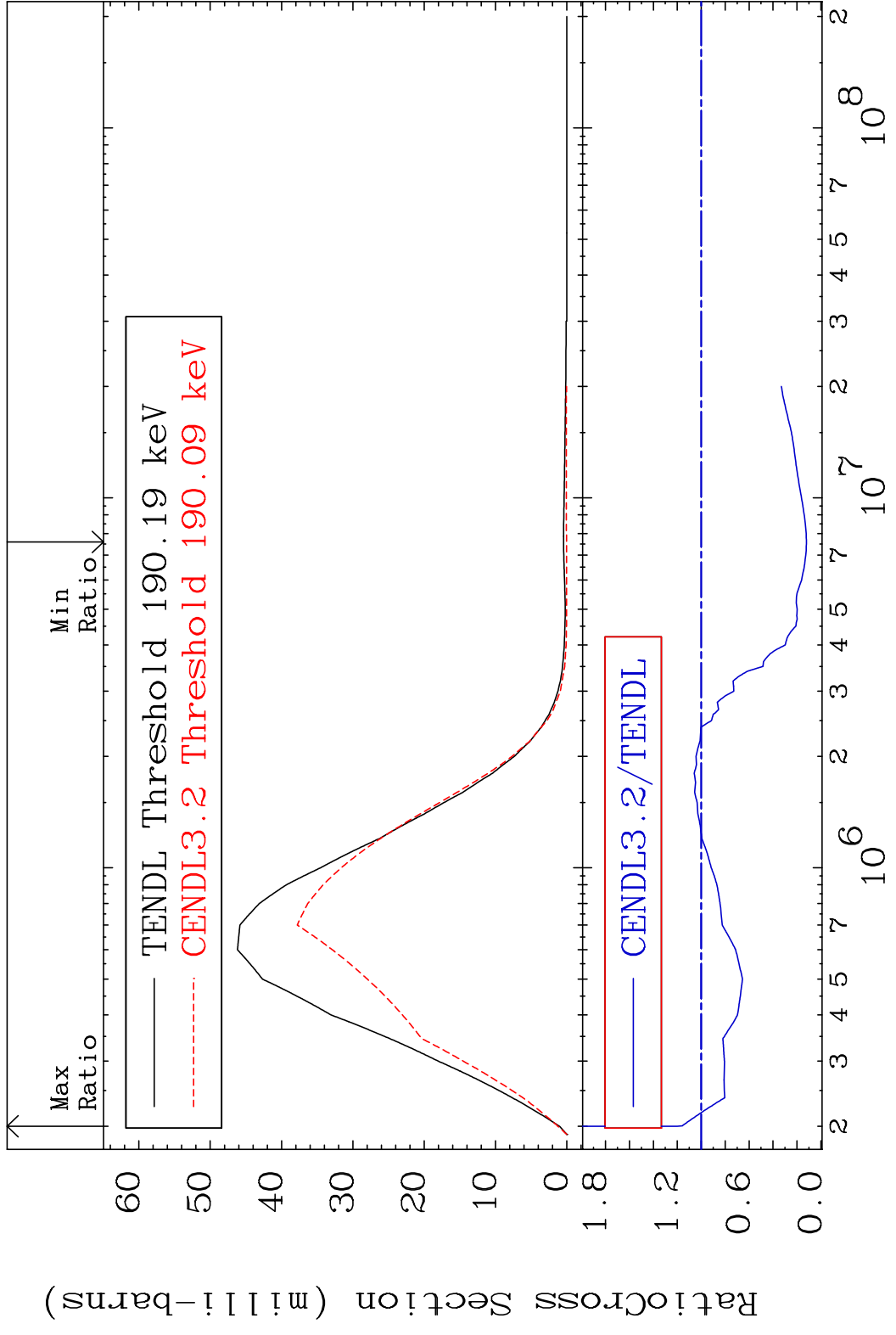
MAT 9549 MT= 55 (n, n') Level 95-Am-243
 Cross Section -100.0 To 78.14 %



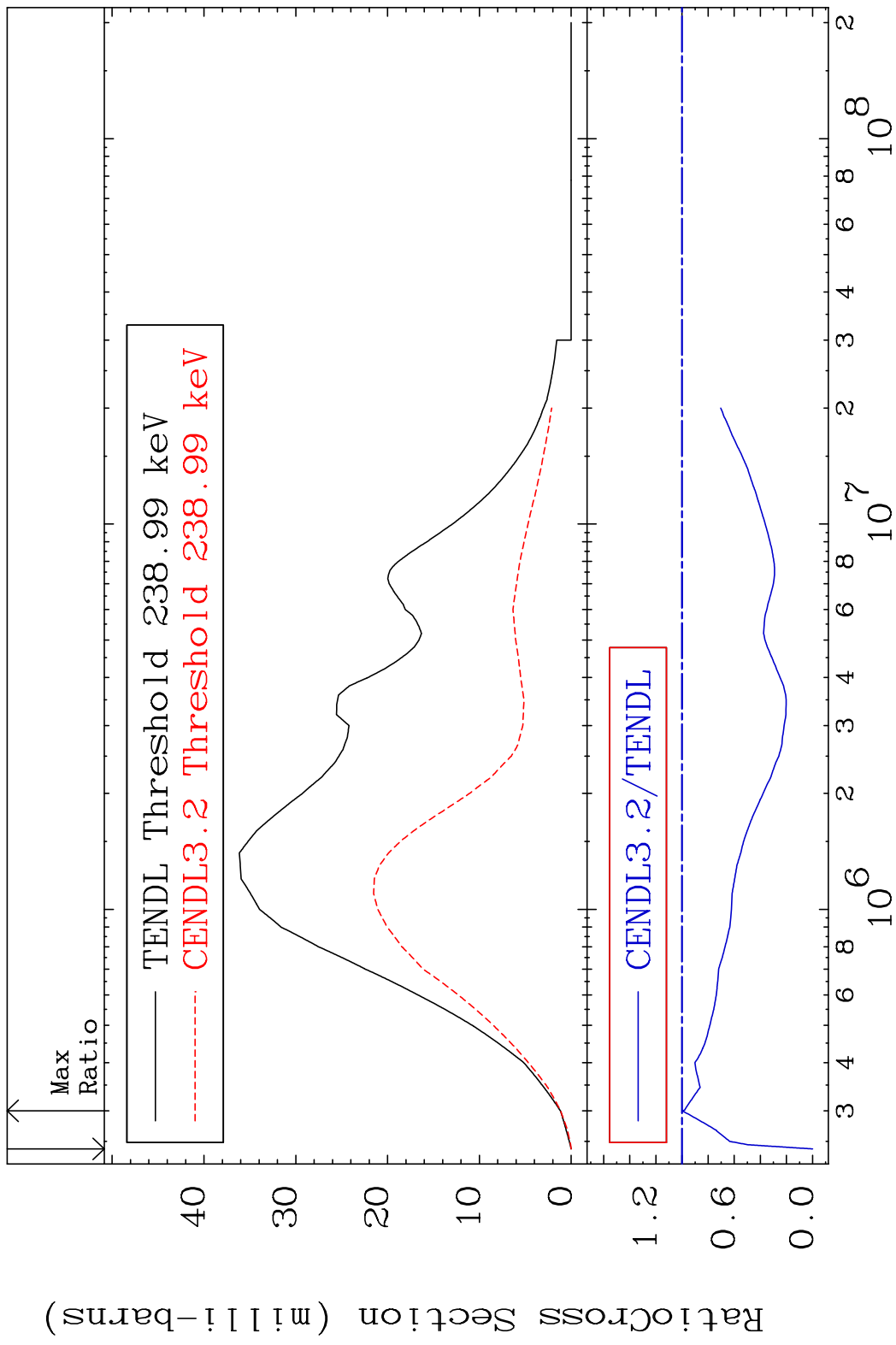
MAT 9549 MT= 56 (n, n') Level 95-Am-243
 Cross Section -80.59 To 0.000 %



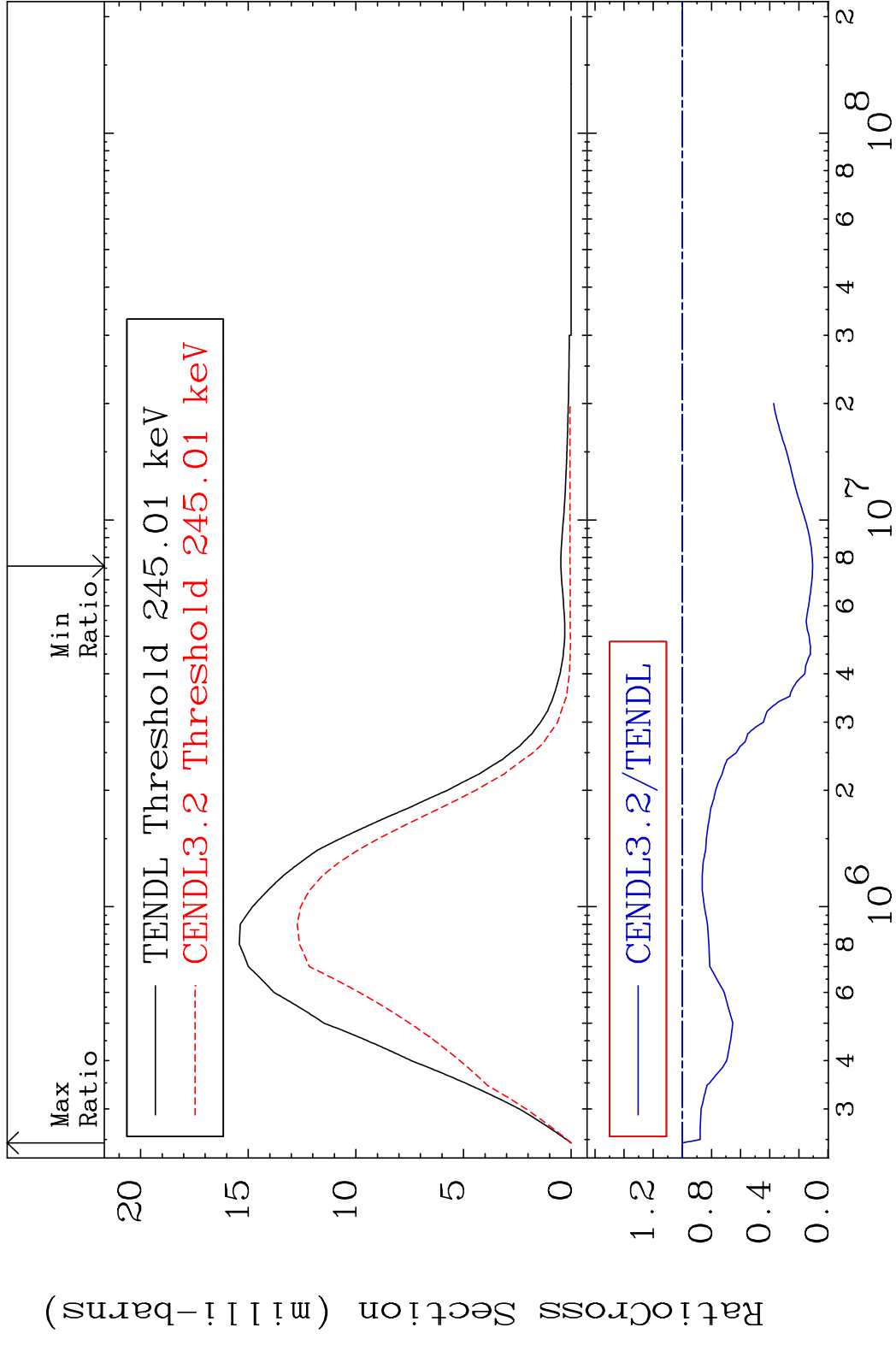
MAT 9549 MT= 57 (n, n') Level 95-Am-243
 Cross Section -87.89 To 20.10 %



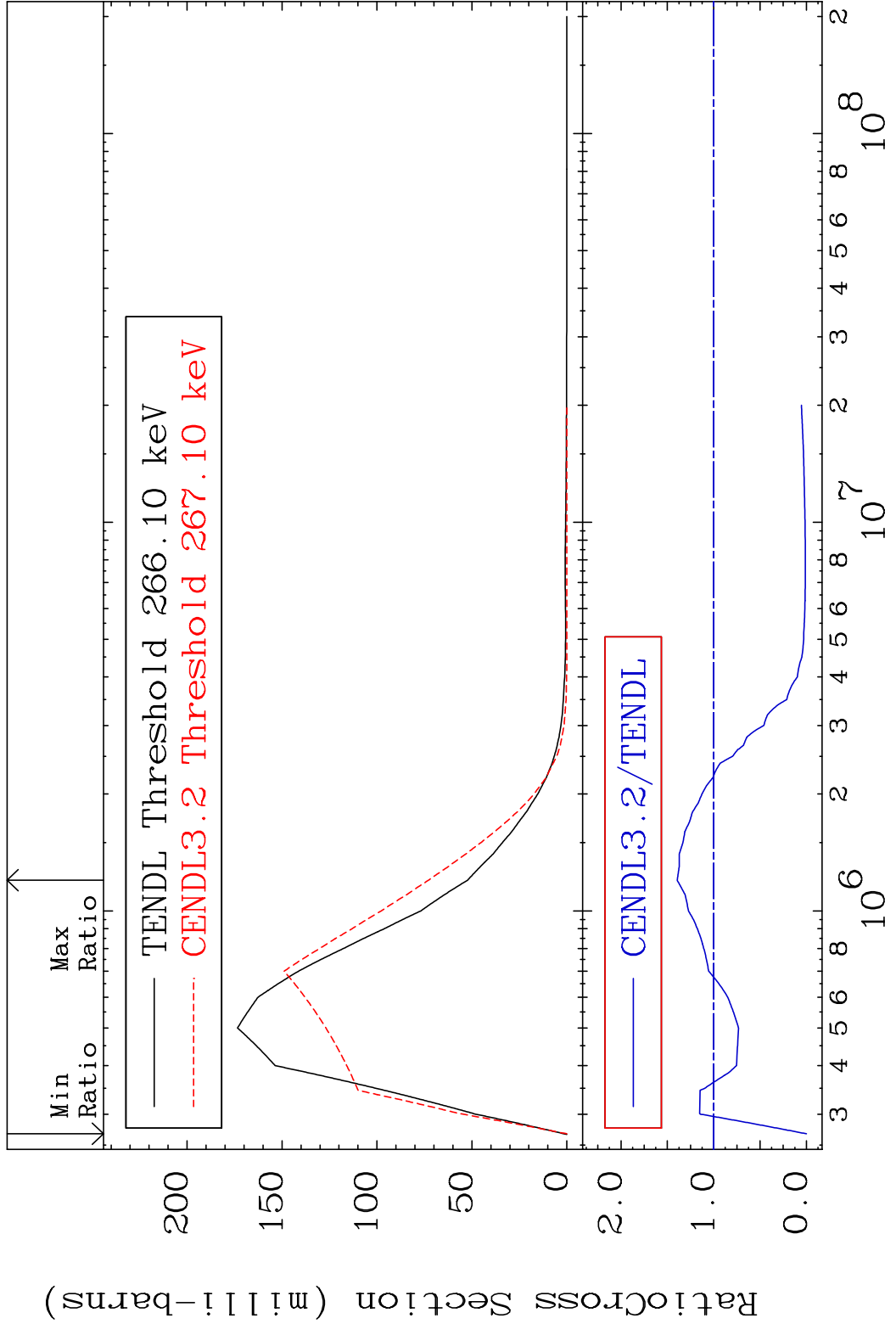
MAT 9549 MT= 58 (n, n') Level 95-Am-243
 Cross Section -100.0 To -0.252%



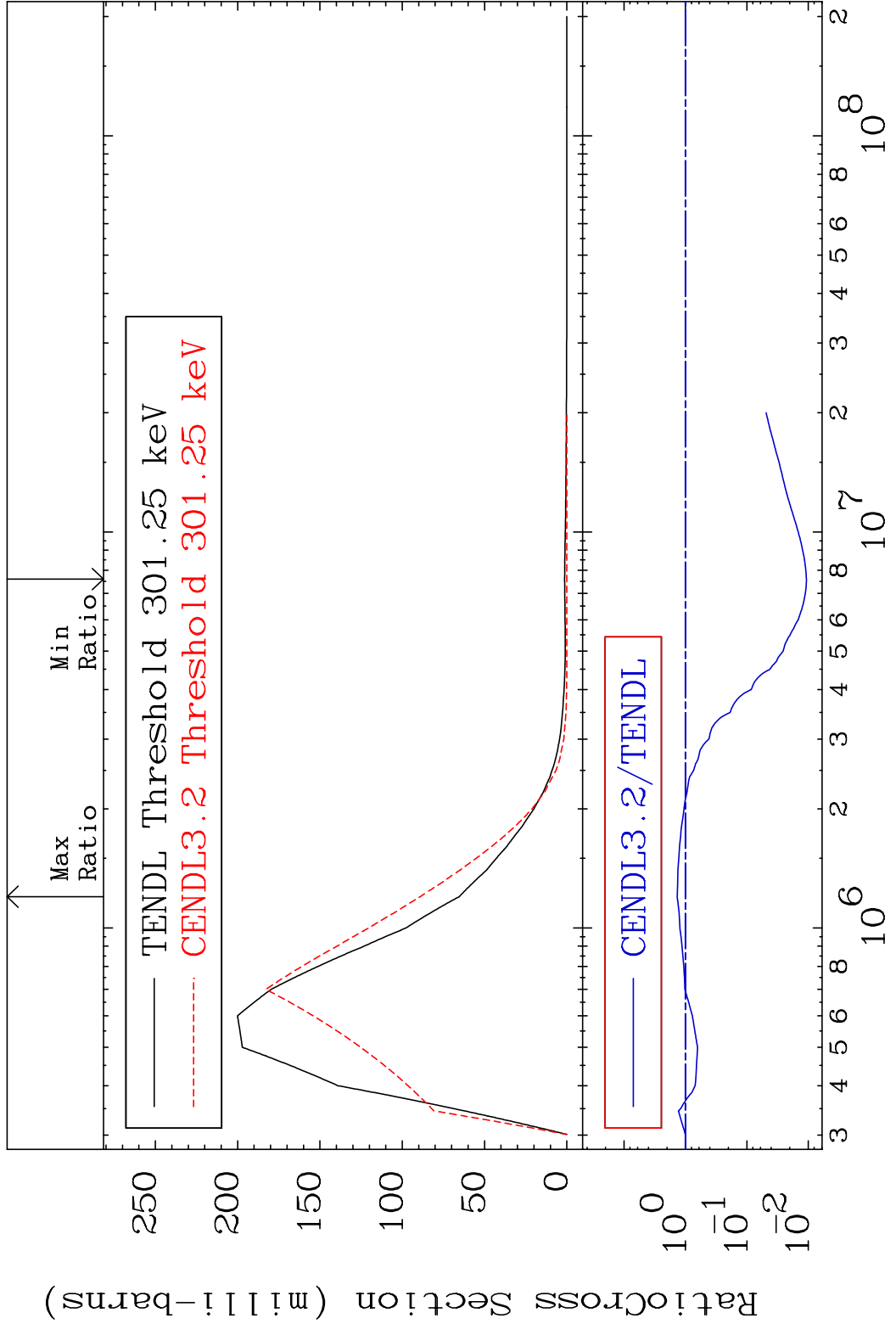
MAT 9549 MT= 59 (n, n') Level 95-Am-243
 Cross Section -89.42 To 0.000 %



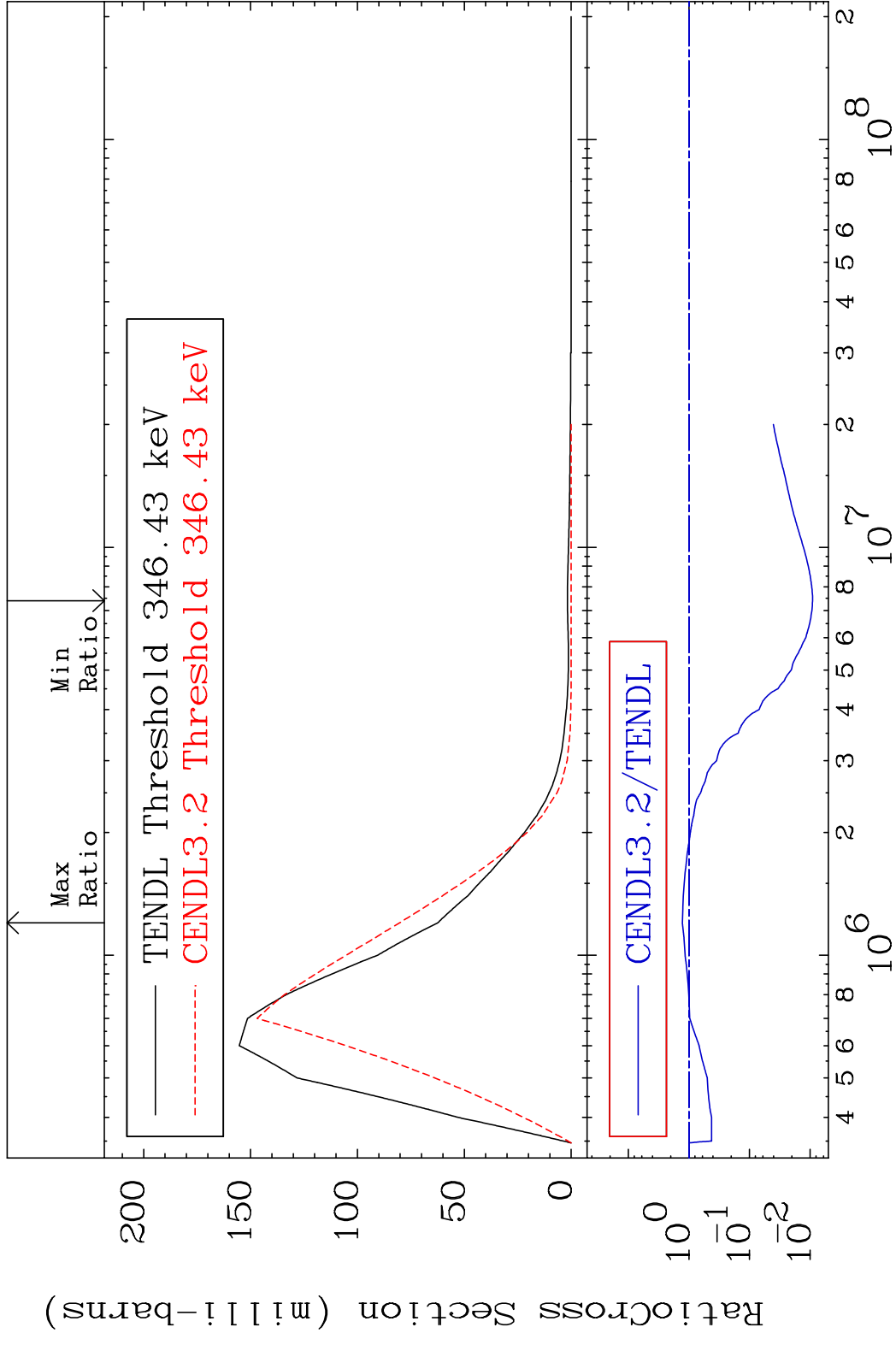
MAT 9549 MT= 60 (n, n') Level 95-Am-243
 Cross Section -100.0 To 39.38 %



MAT 9549 MT= 61 (n, n') Level 95-Am-243
 Cross Section -98.93 To 36.17 %



MAT 9549 MT= 62 (n, n') Level 95-Am-243
 Cross Section -99.09 To 28.56 %

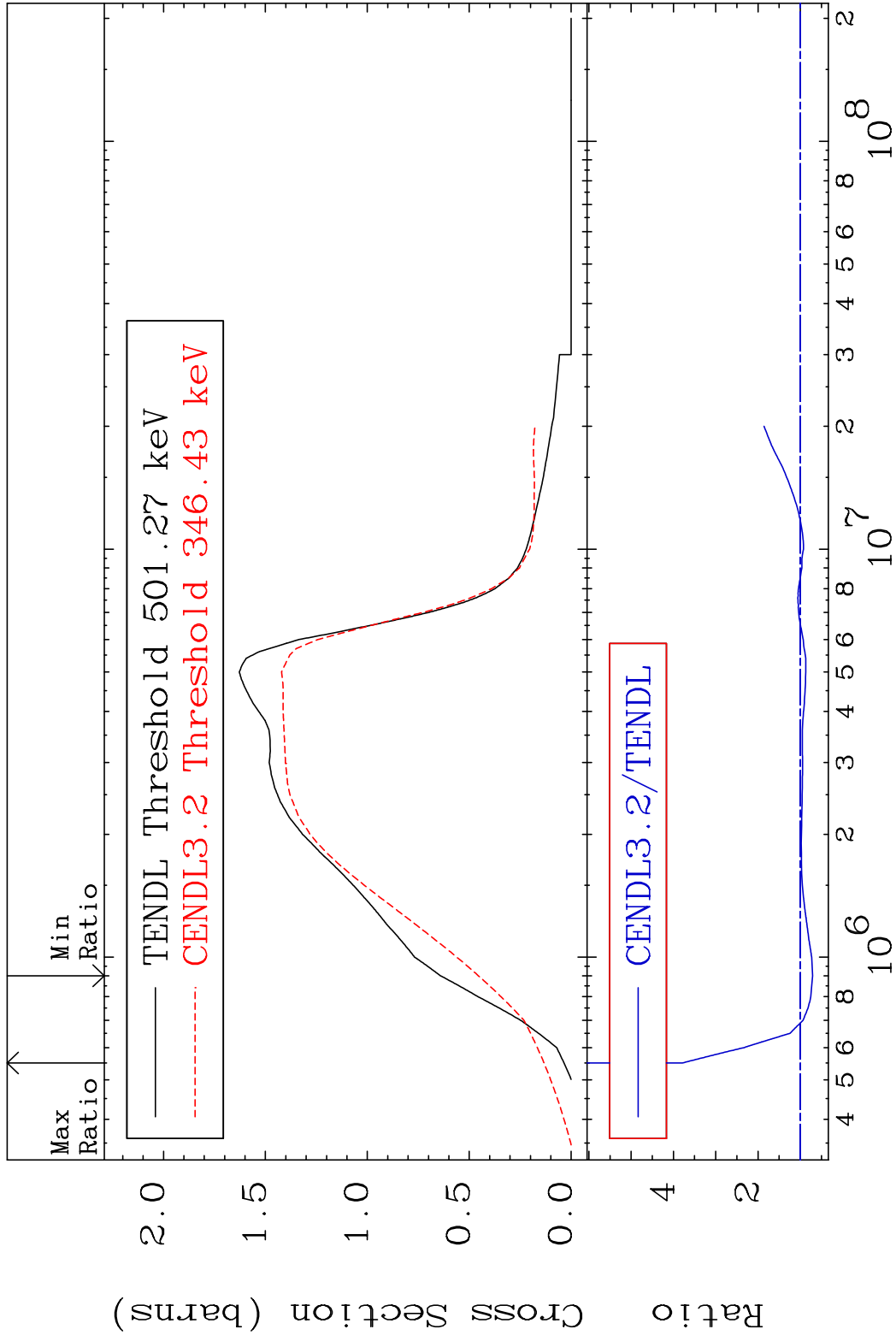


MAT 9549

(n,n') Continuum

95-Am-243

Cross Section -28.99 To 278.9 %



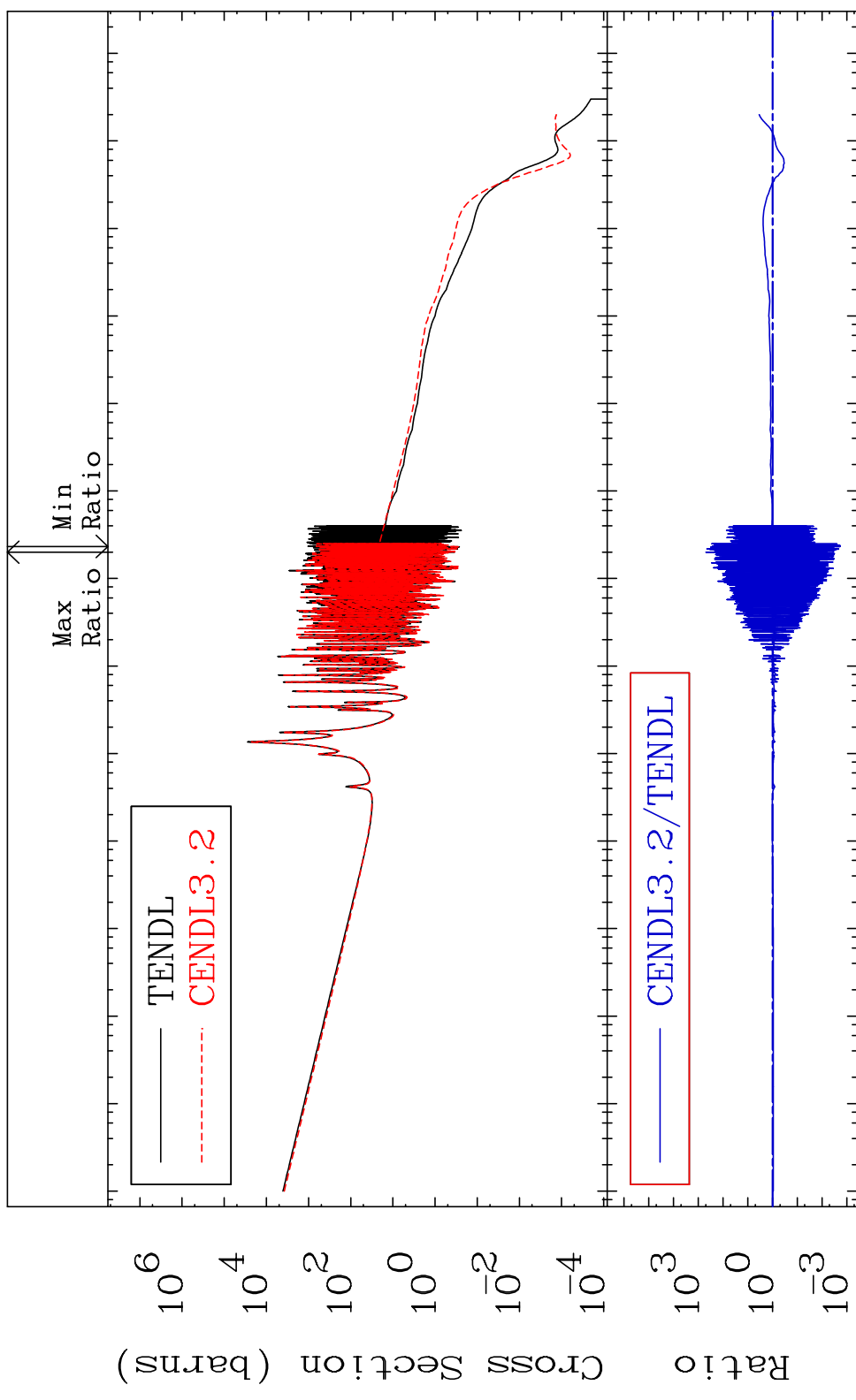
19

Incident Energy (eV)

95-Am-243

MAT 9549

(n, γ)
Cross Section -99.82 To 9999. %
95-Am-243

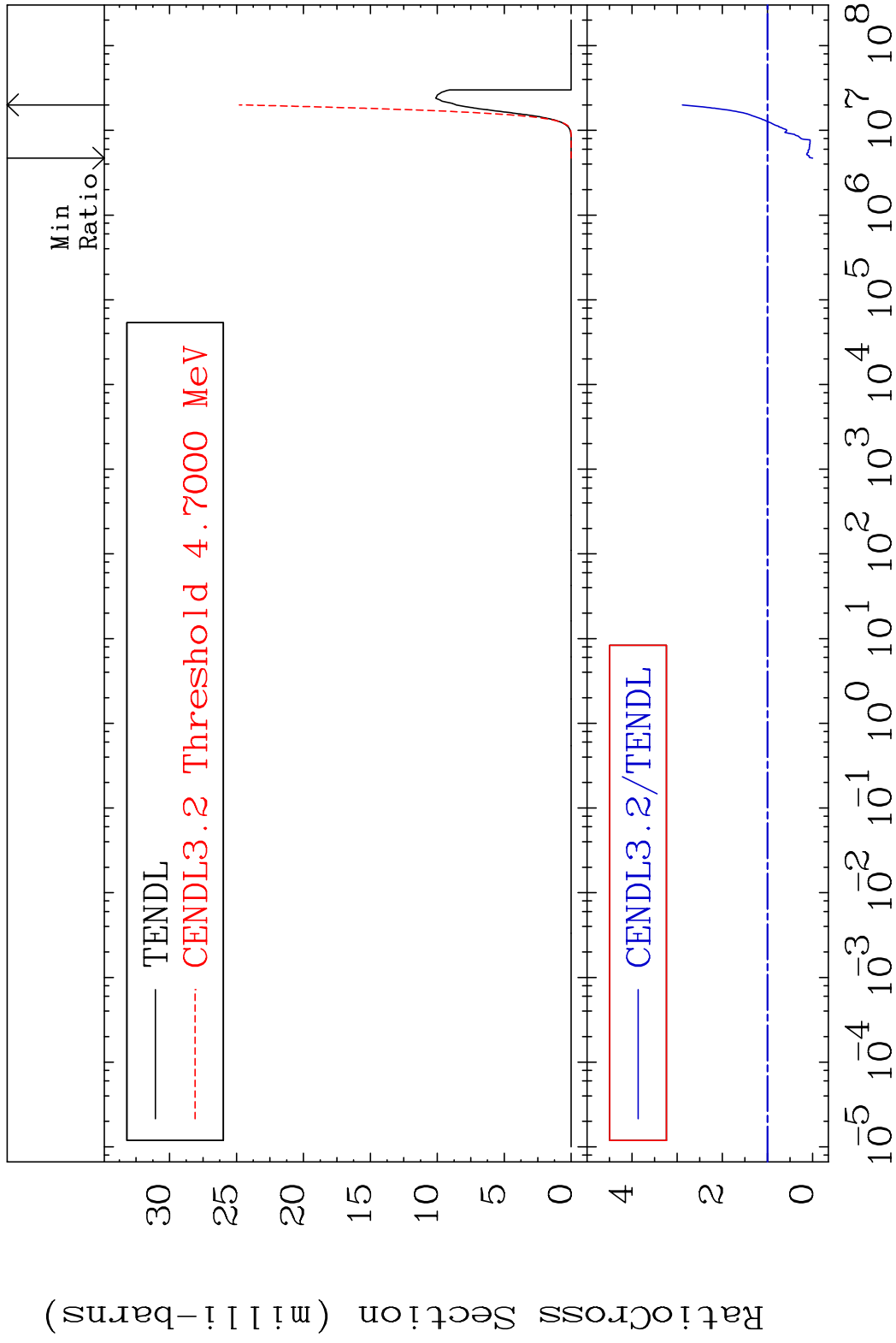


MAT 9549

(n, p)

95-Am-243

Cross Section -100.0 To 188.4 %

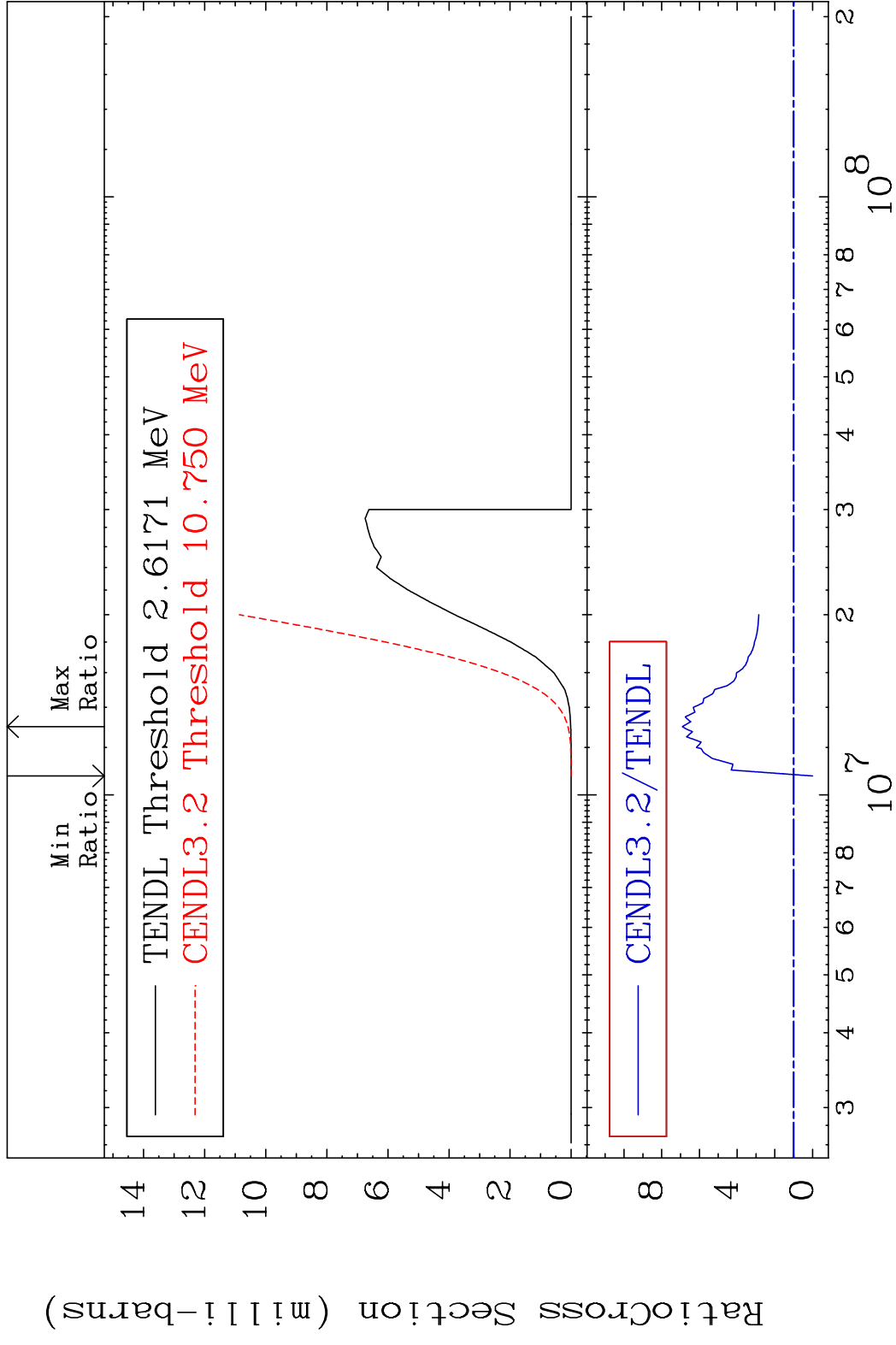


21

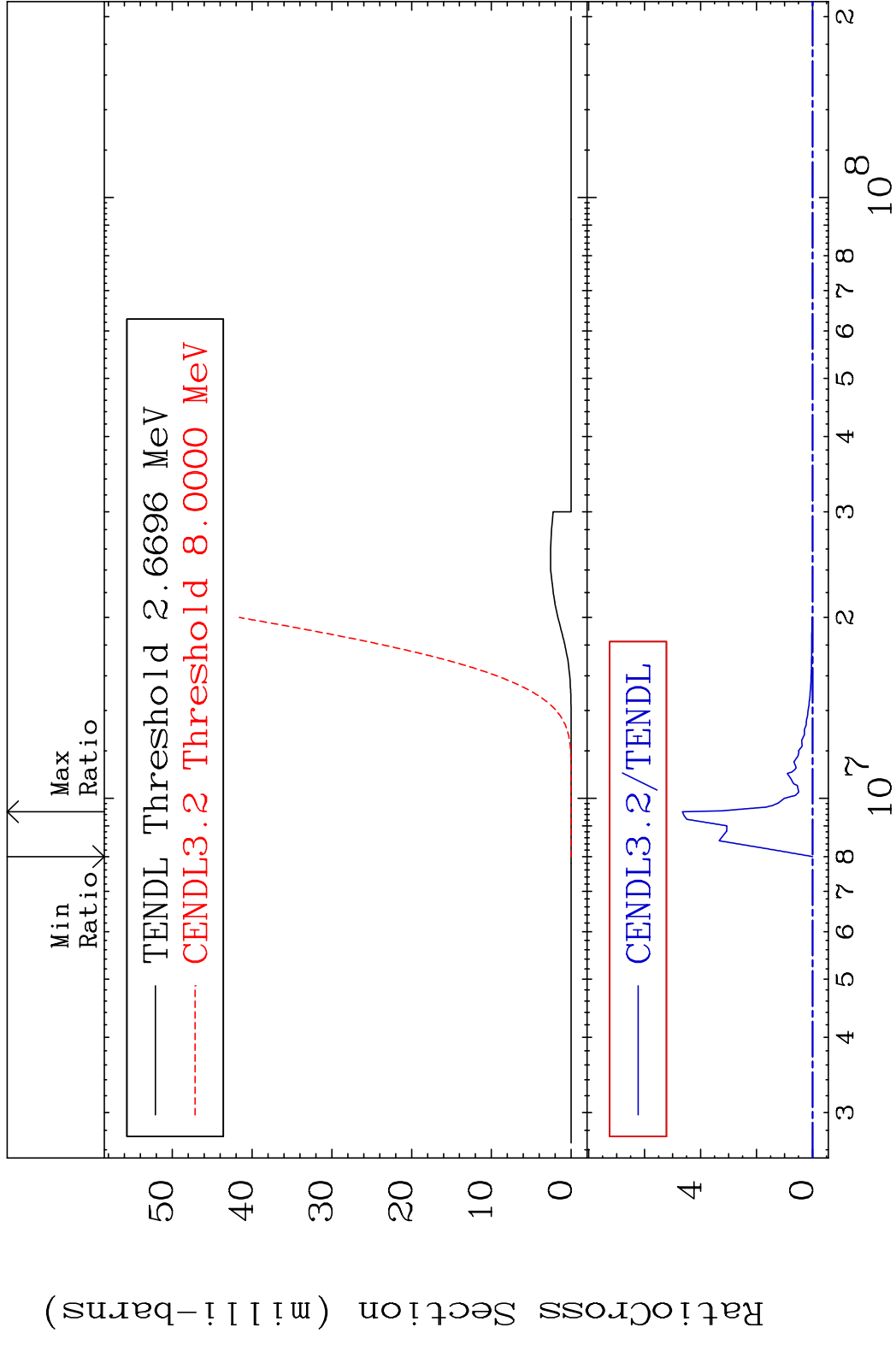
Incident Energy (eV)

95-Am-243

MAT 9549 (n, d) 95-Am-243
 Cross Section -100.0 To 590.5 %



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

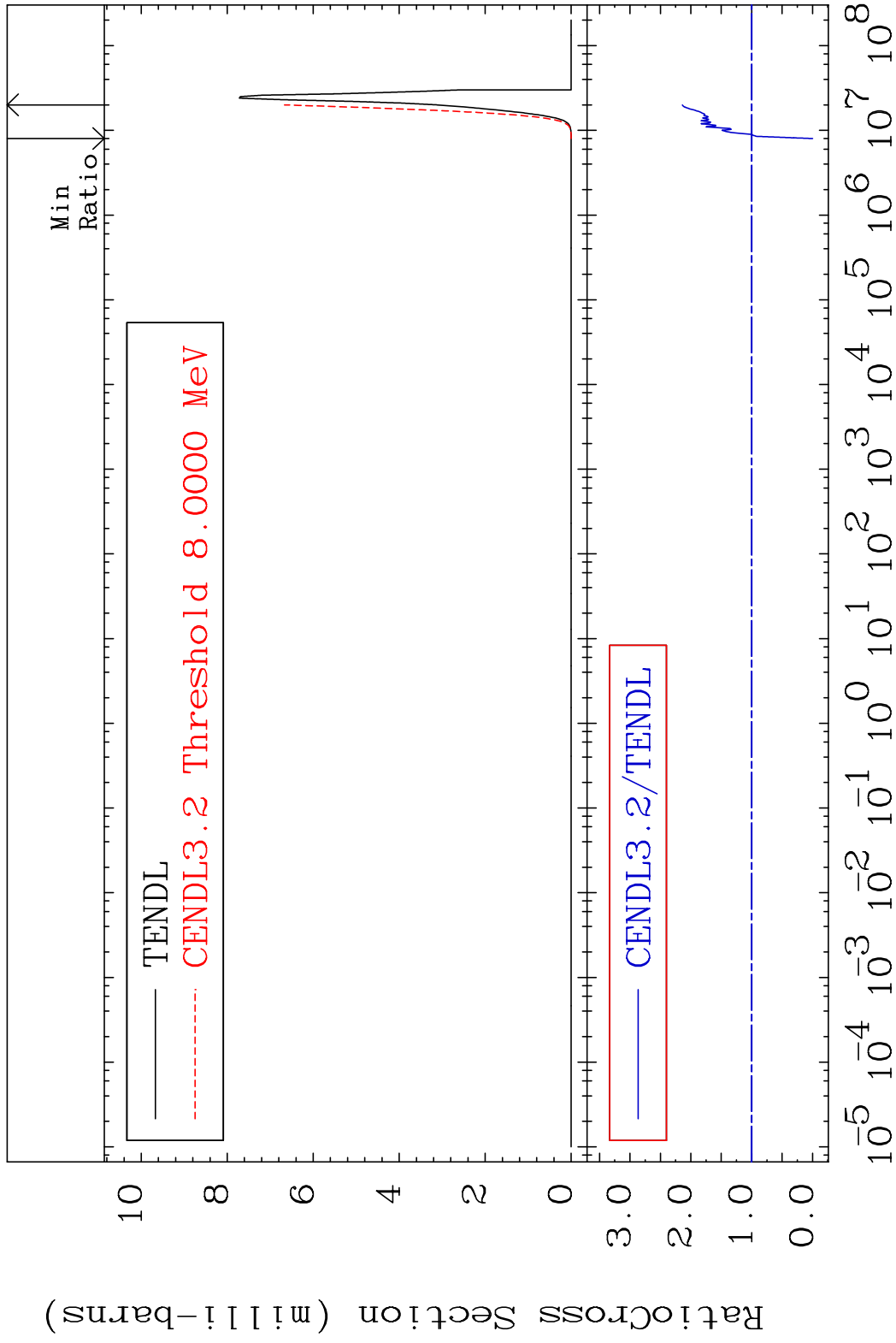


MAT 9549

(n, α)

95-Am-243

Cross Section -100.0 To 113.9 %



24

Incident Energy (eV)

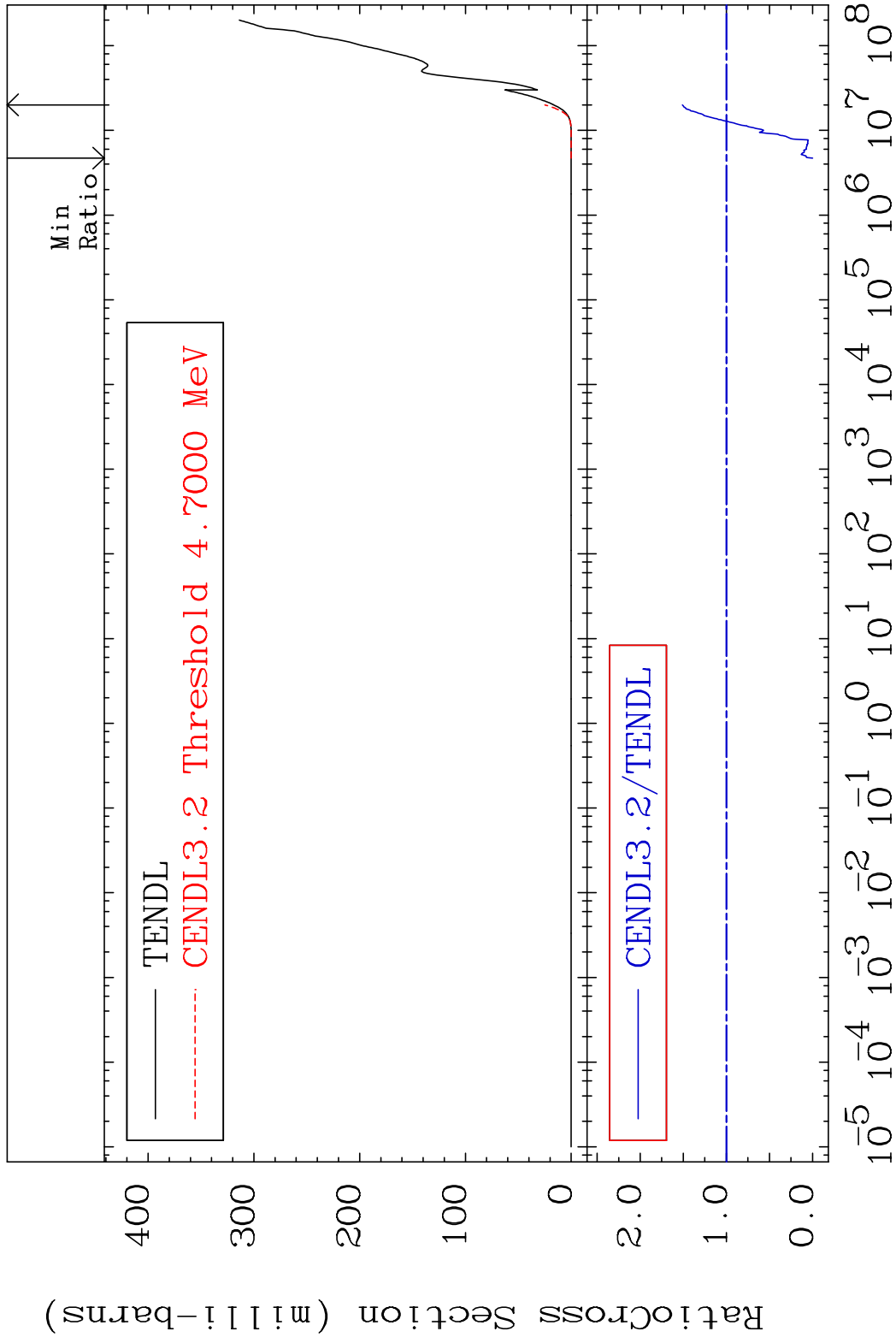
95-Am-243

MAT 9549

Hydrogen Production

95-Am-243

Cross Section -100.0 To 51.09 %

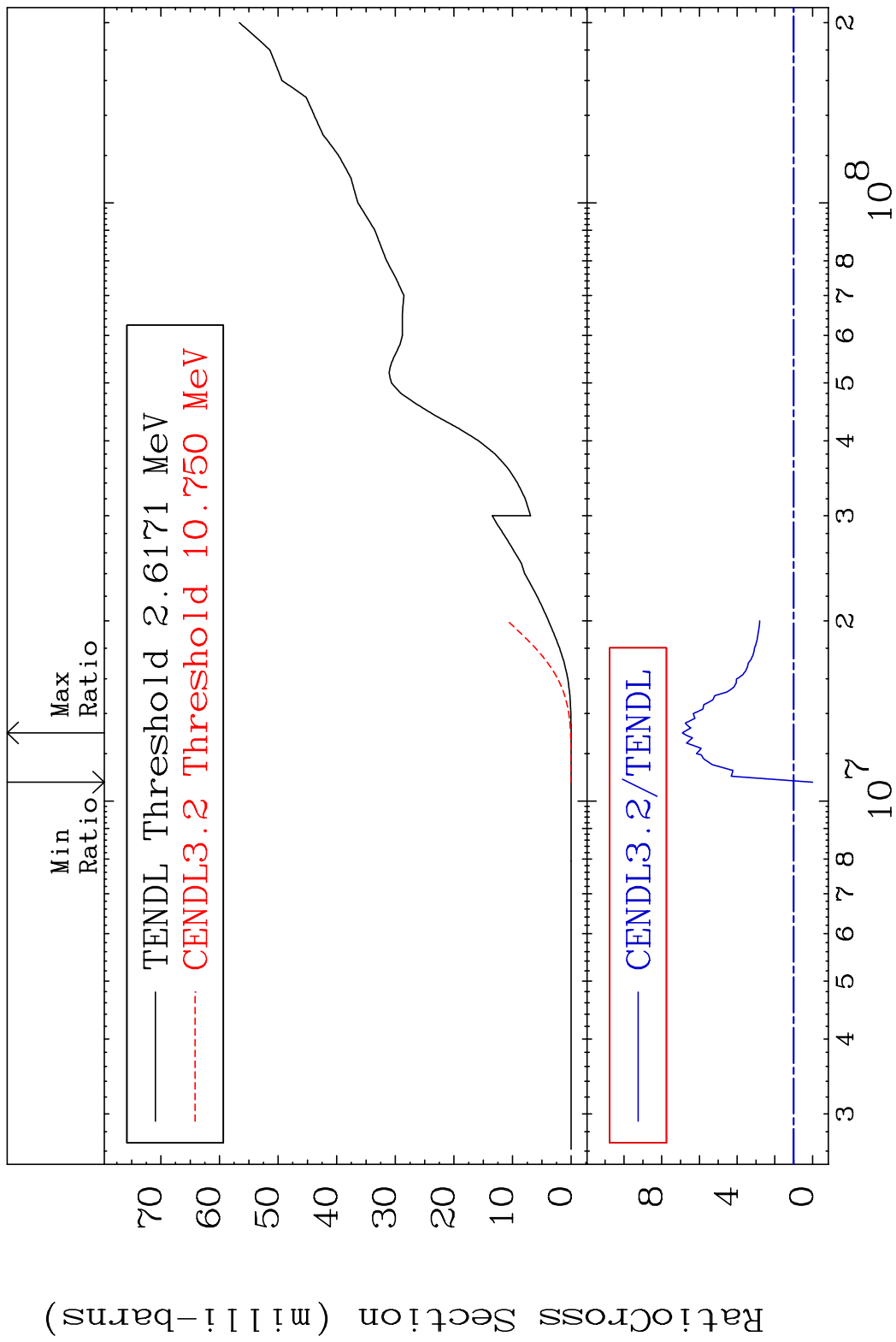


25

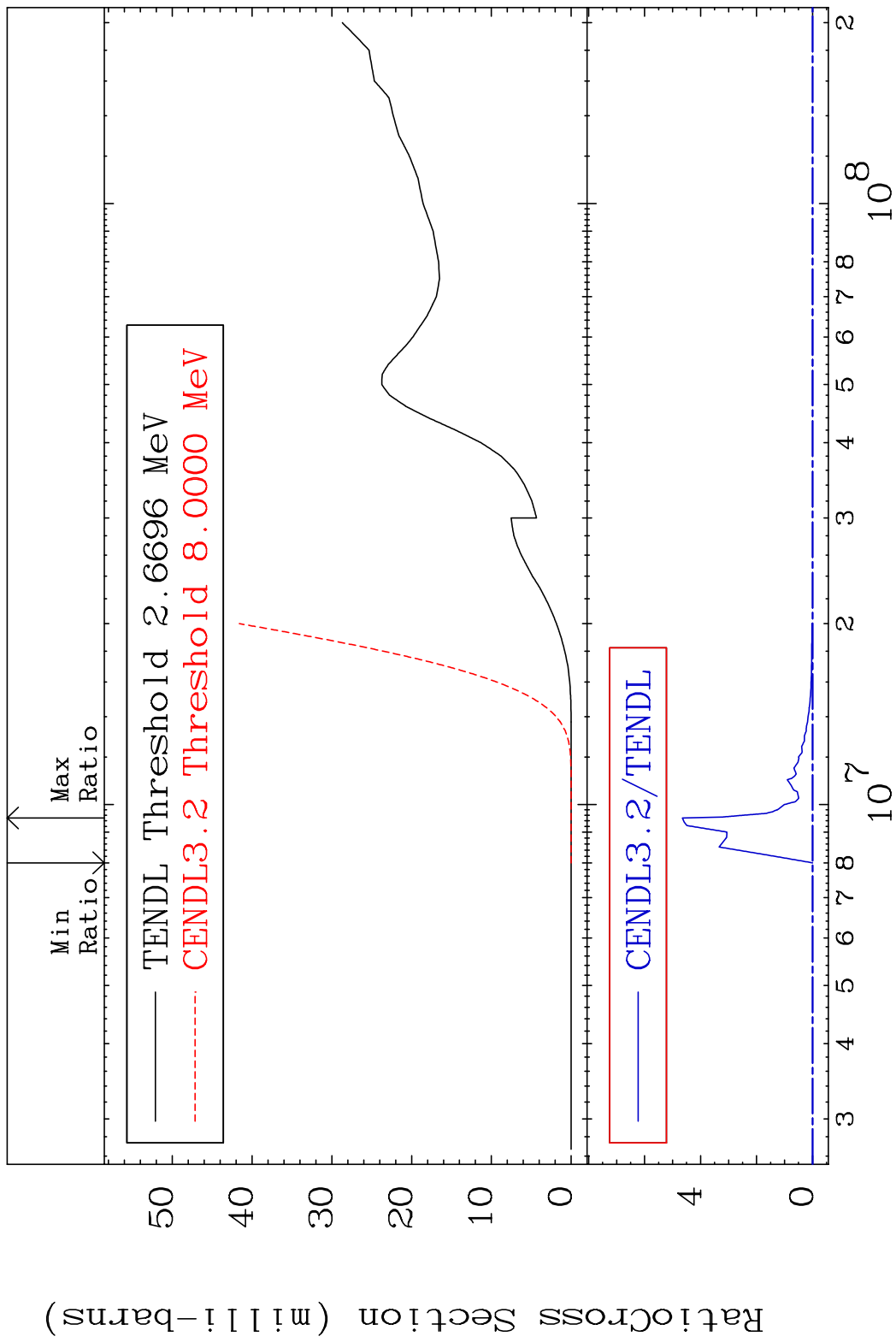
Incident Energy (eV)

95-Am-243

MAT 9549 Deuterium Production 95-Am-243
 Cross Section -100.0 To 590.5 %



MAT 9549 Tritium Production 95-Am-243
 Cross Section -100.0 To 9999. %

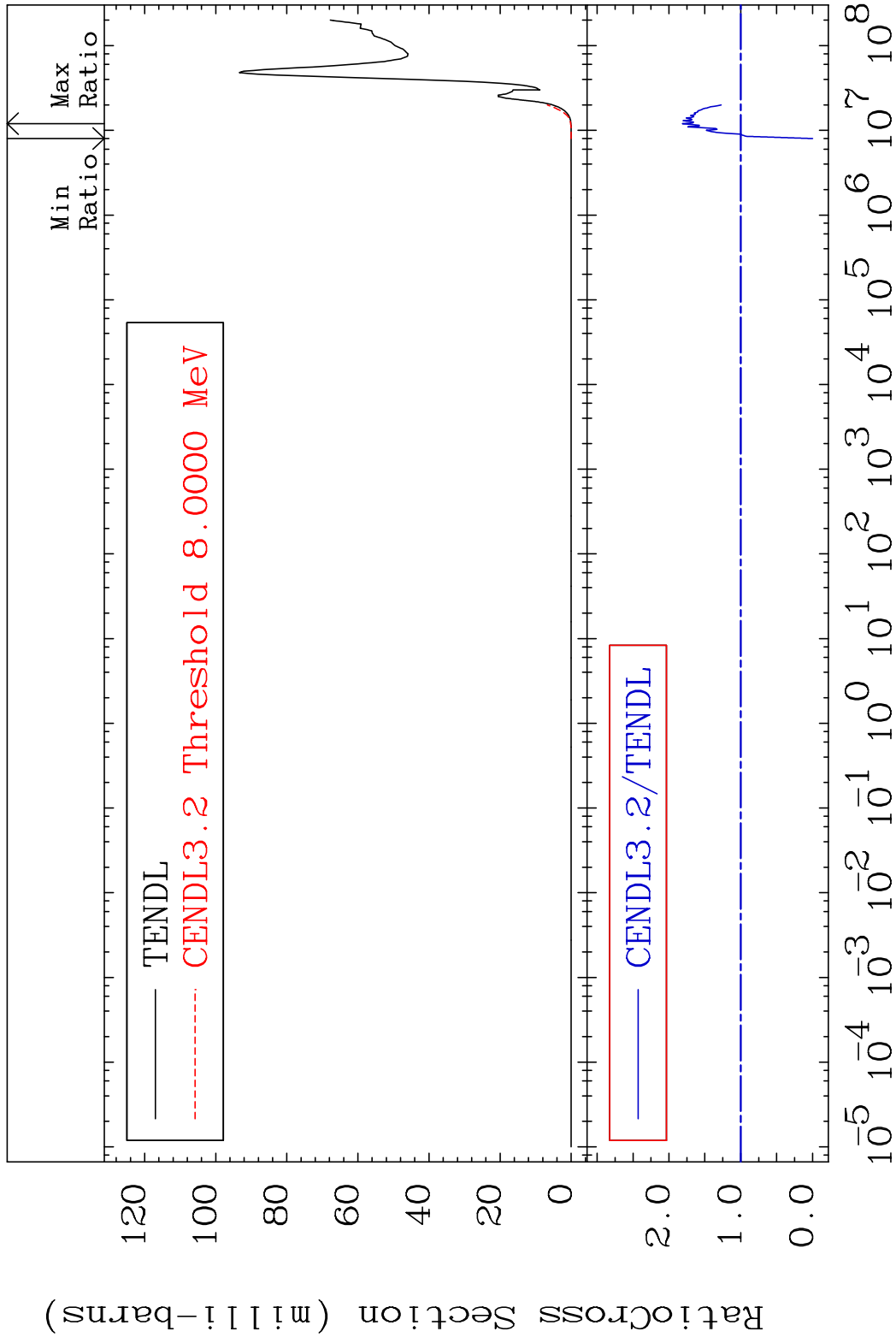


MAT 9549

He-4 Production

95-Am-243

Cross Section -100.0 To 81.32 %

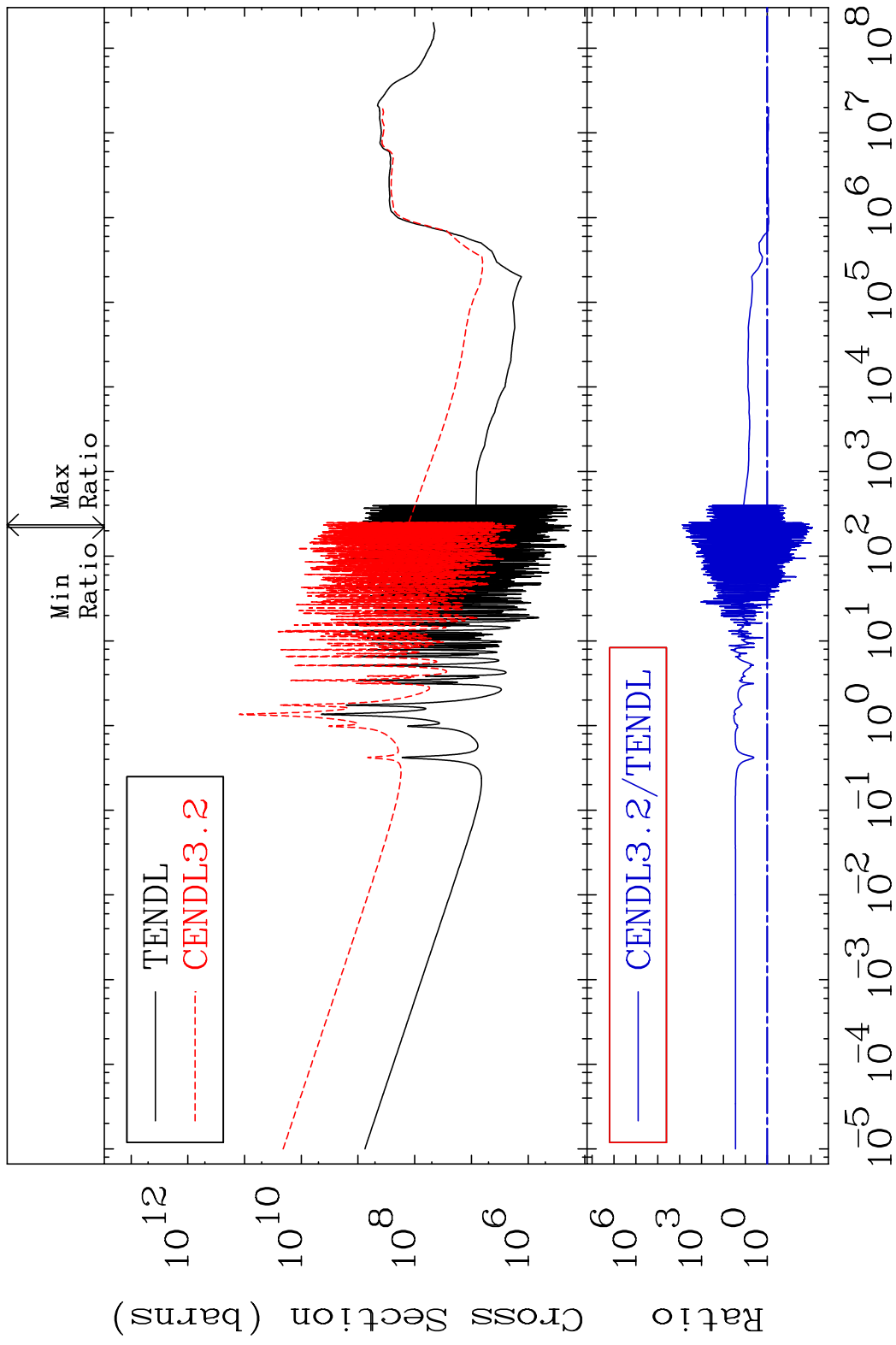


28

Incident Energy (eV)

95-Am-243

MAT 9549 Kerma total (eV-barns) 95-Am-243
 Cross Section -99.16 To 9999. %

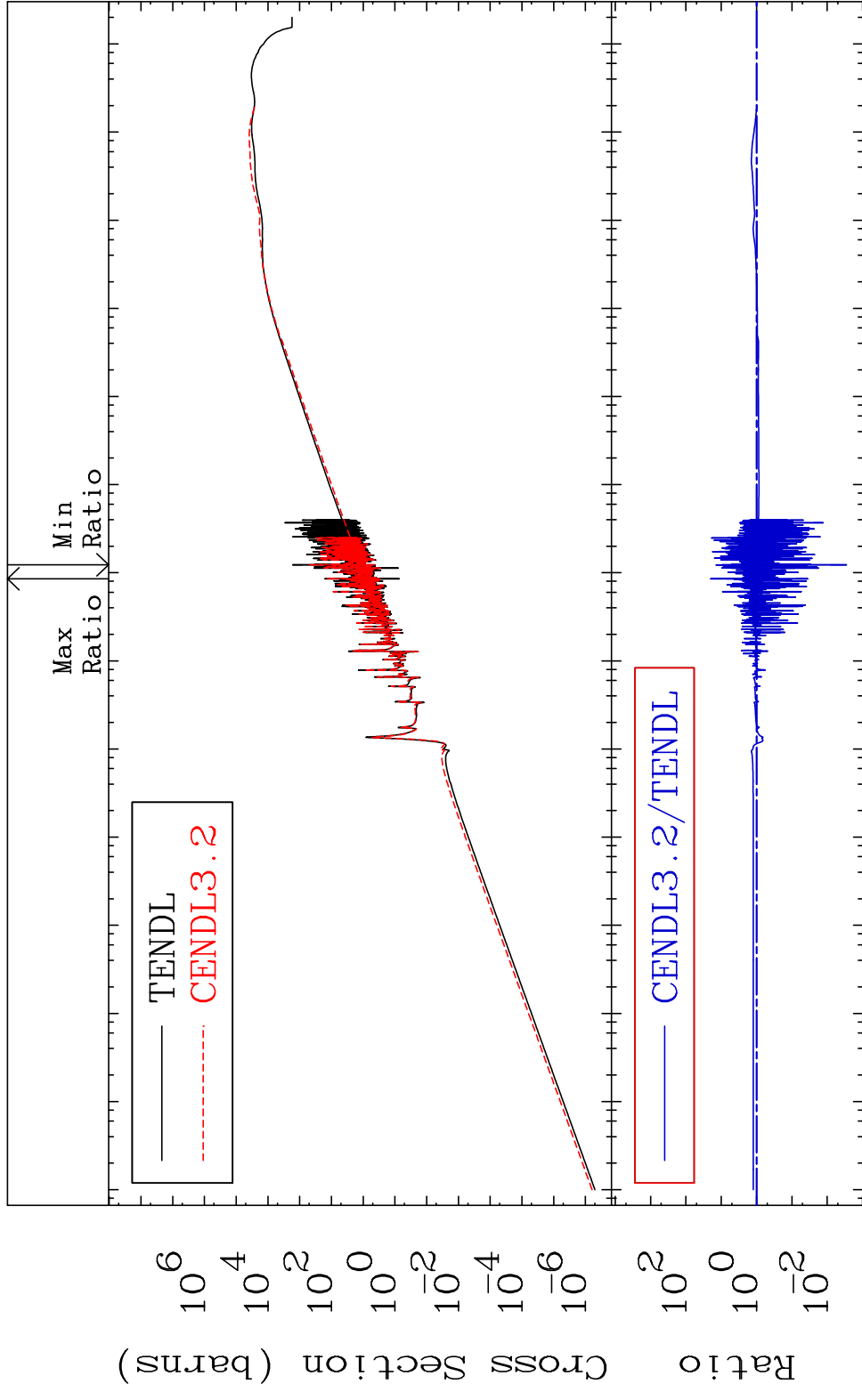


29 Incident Energy (eV) 95-Am-243

MAT 9549

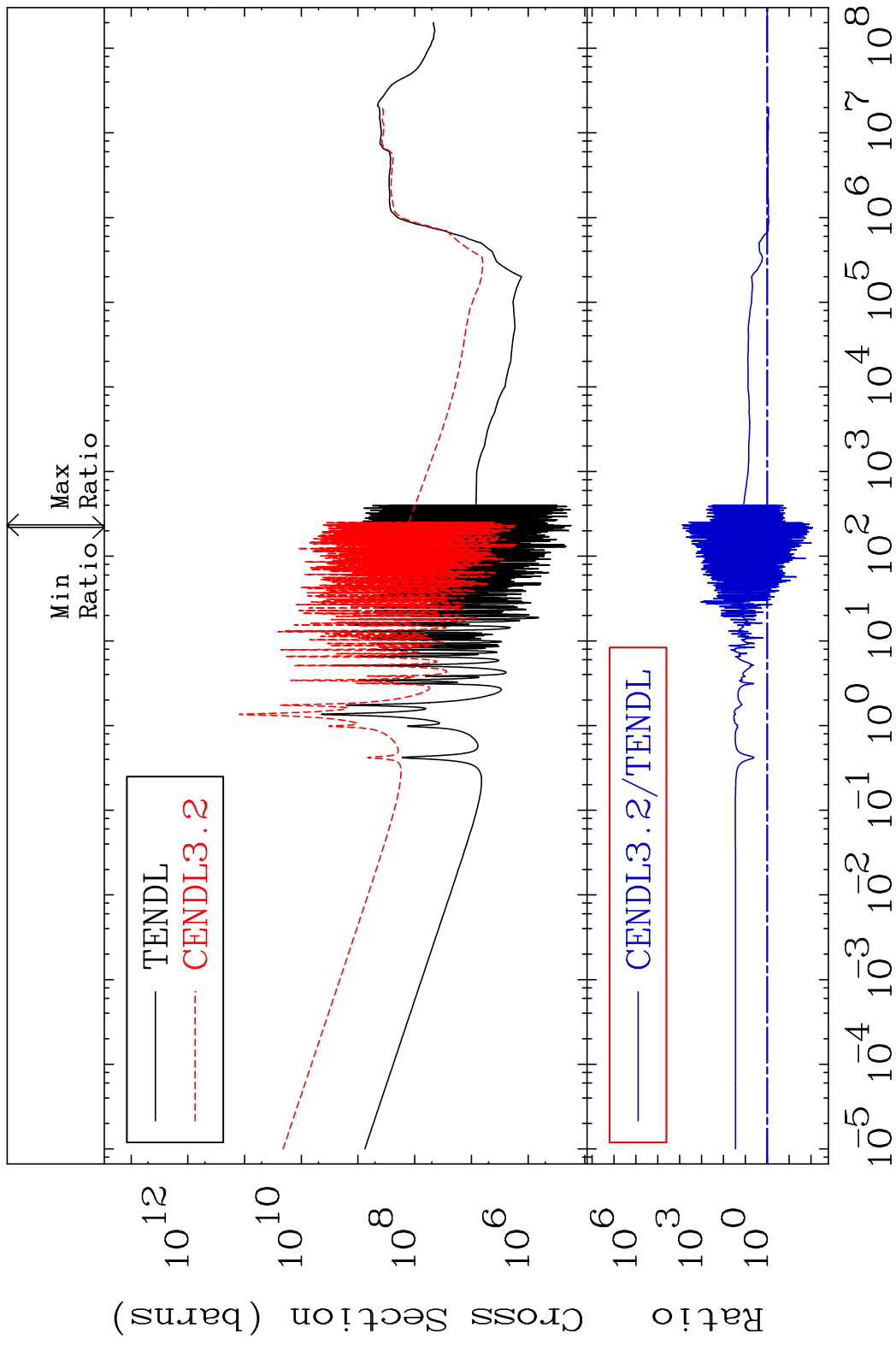
Kerma elastic
Cross Section -99.71 To 1883. %

95-Am-243
To 1883. %

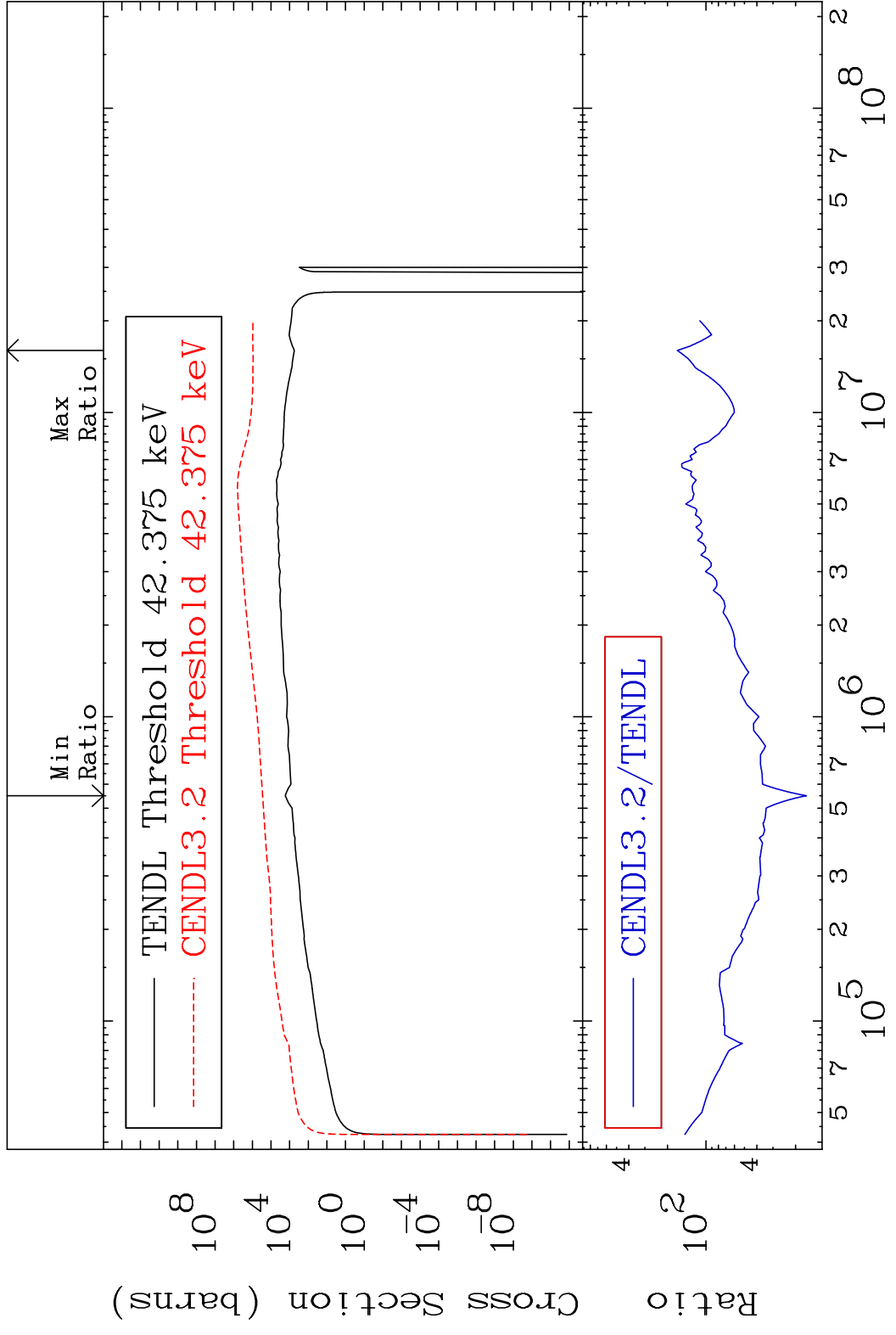


Incident Energy (eV) 95-Am-243

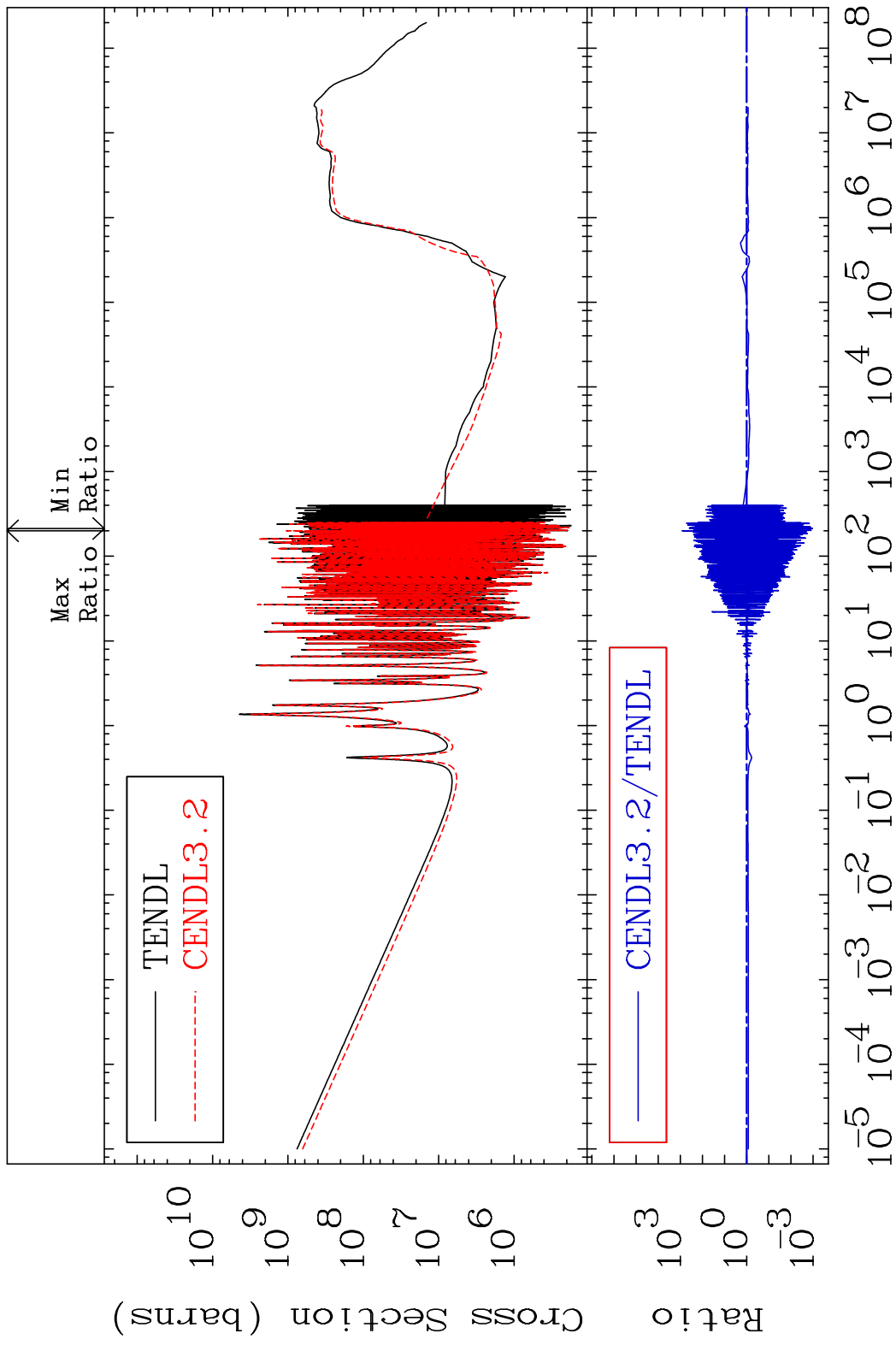
MAT 9549 Kerma non-elastic (all but mt2) 95-Am-243
 Cross Section -99.16 To 9999. %



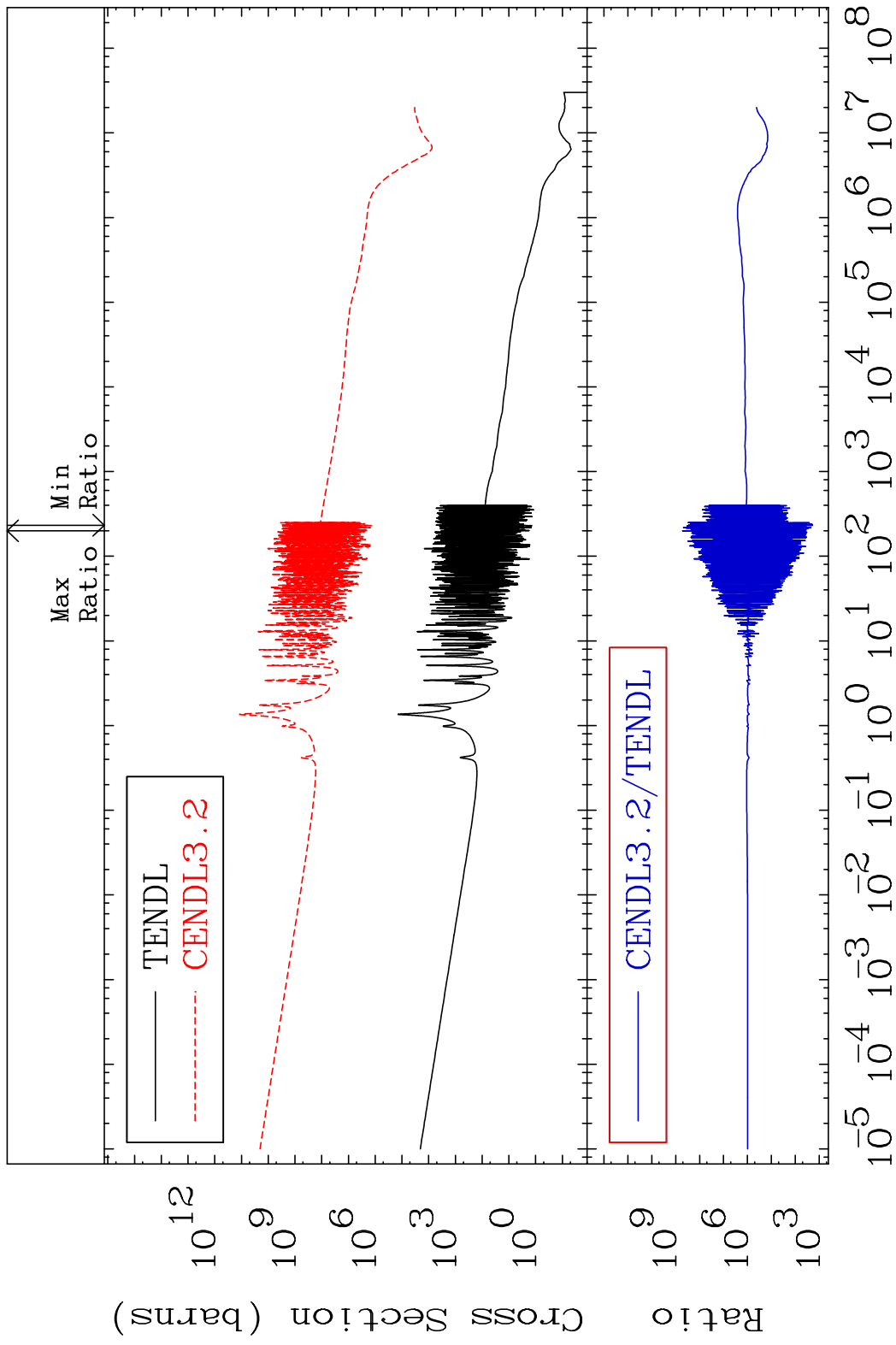
MAT 9549 Kerma inelastic (mt51-91) 95-Am-243
 Cross Section 1544. To 9999. %



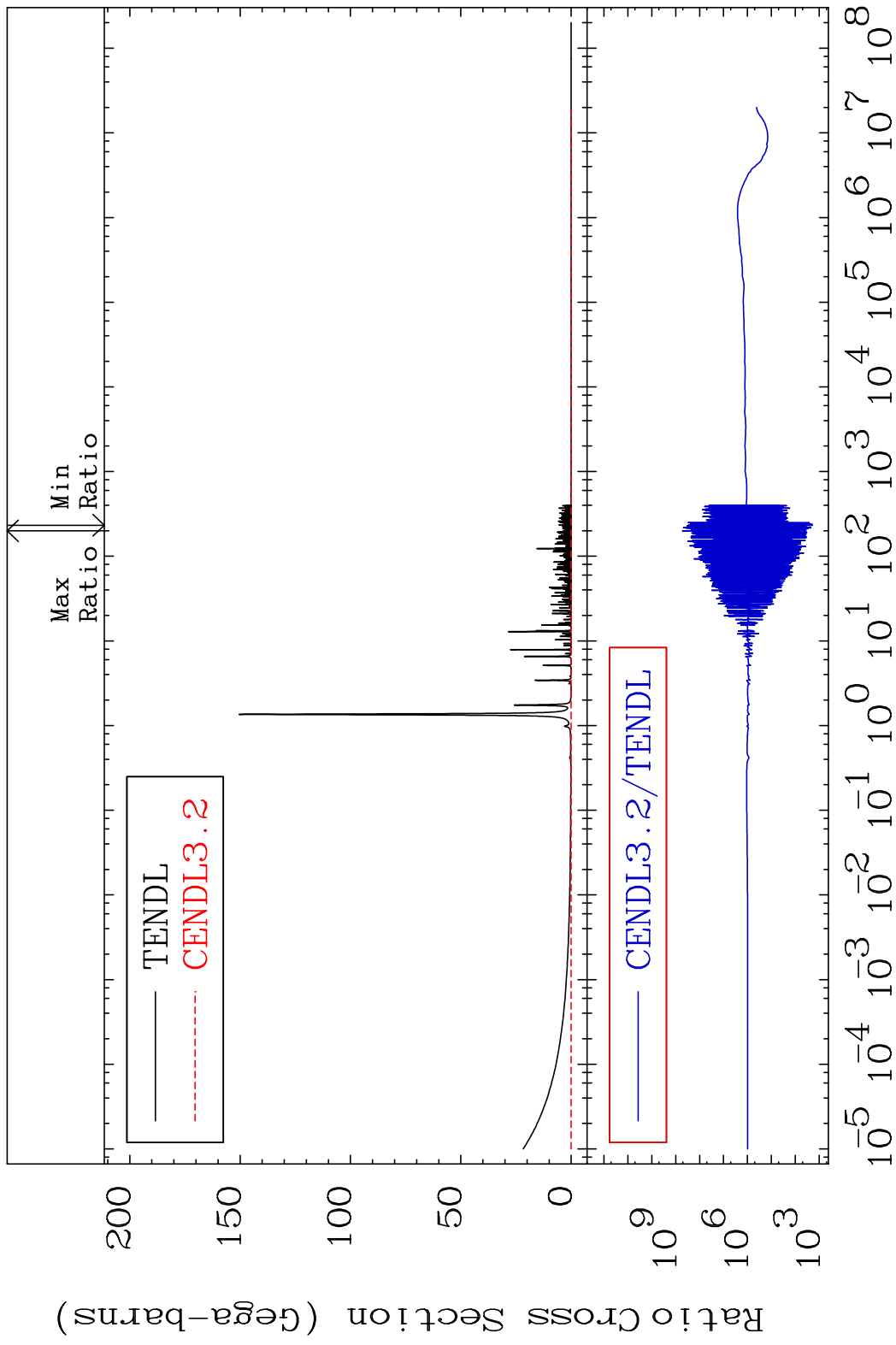
MAT 9549 Kerma fission (mt18 or mt19-20-21-38) 95-Am-243
 Cross Section -99.90 To 9999. %



MAT 9549 Kerma capture (mt102) 95-Am-243
 Cross Section 9999. To 9999. %

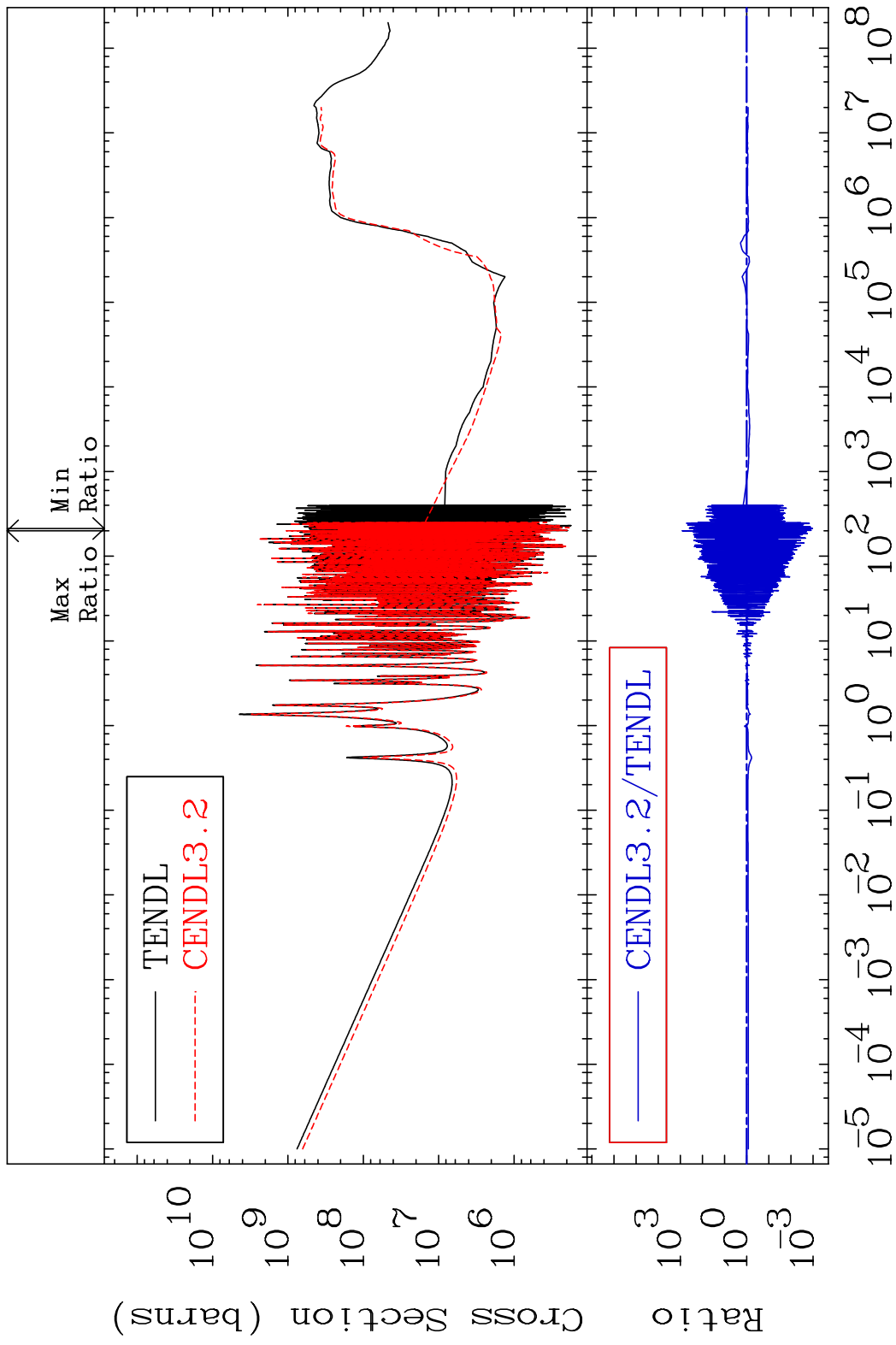


MAT 9549 Total photon (eV-barns) 95-Am-243
 Cross Section 9999. To 9999. %

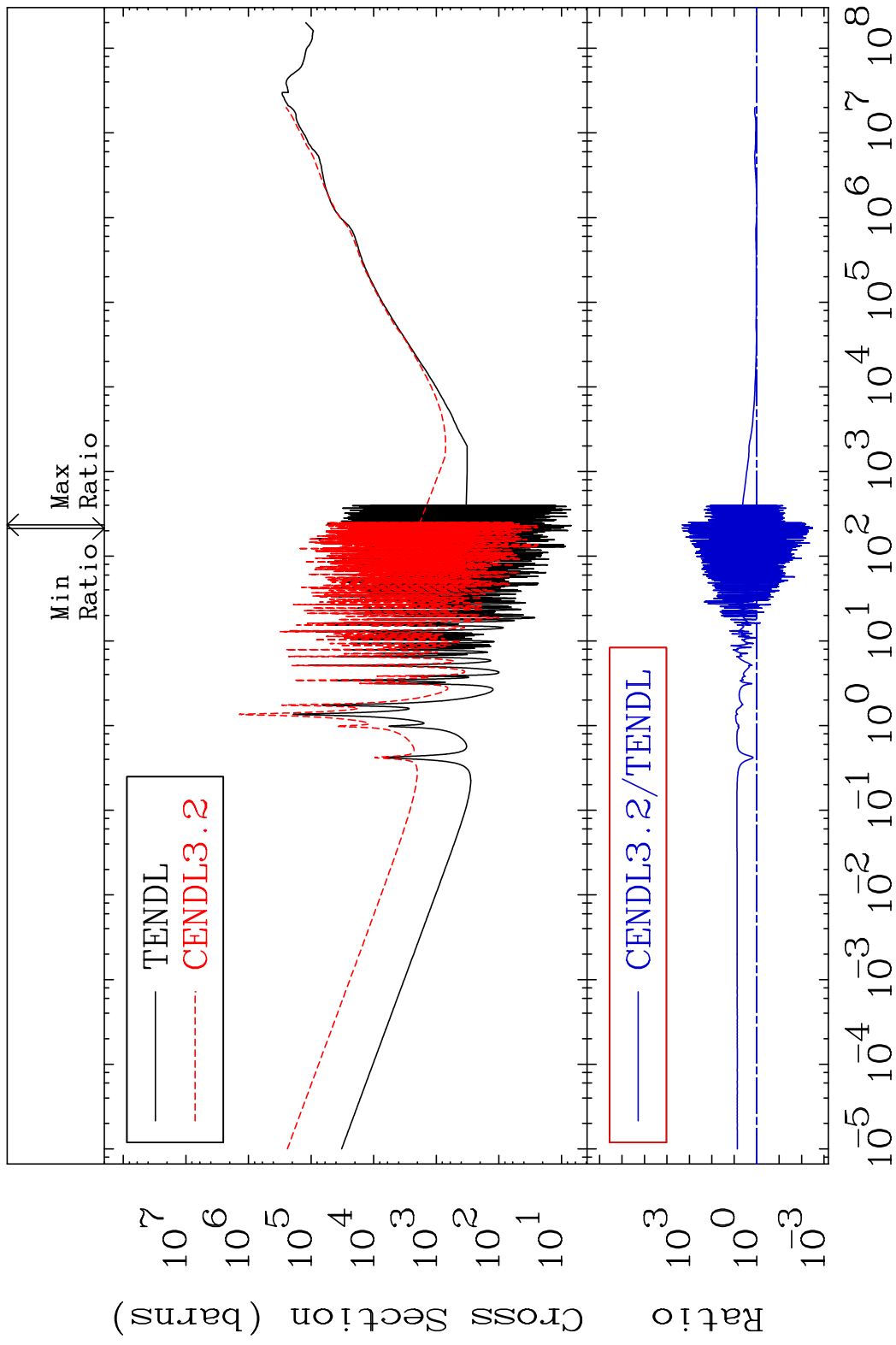


35 Incident Energy (eV) 95-Am-243

MAT 9549 Total kinematic kerma (high limit) 95-Am-243
 Cross Section -99.90 To 9999. %



MAT 9549 Dpa total (eV-barns) 95-Am-243
 Cross Section -99.68 To 9999. %

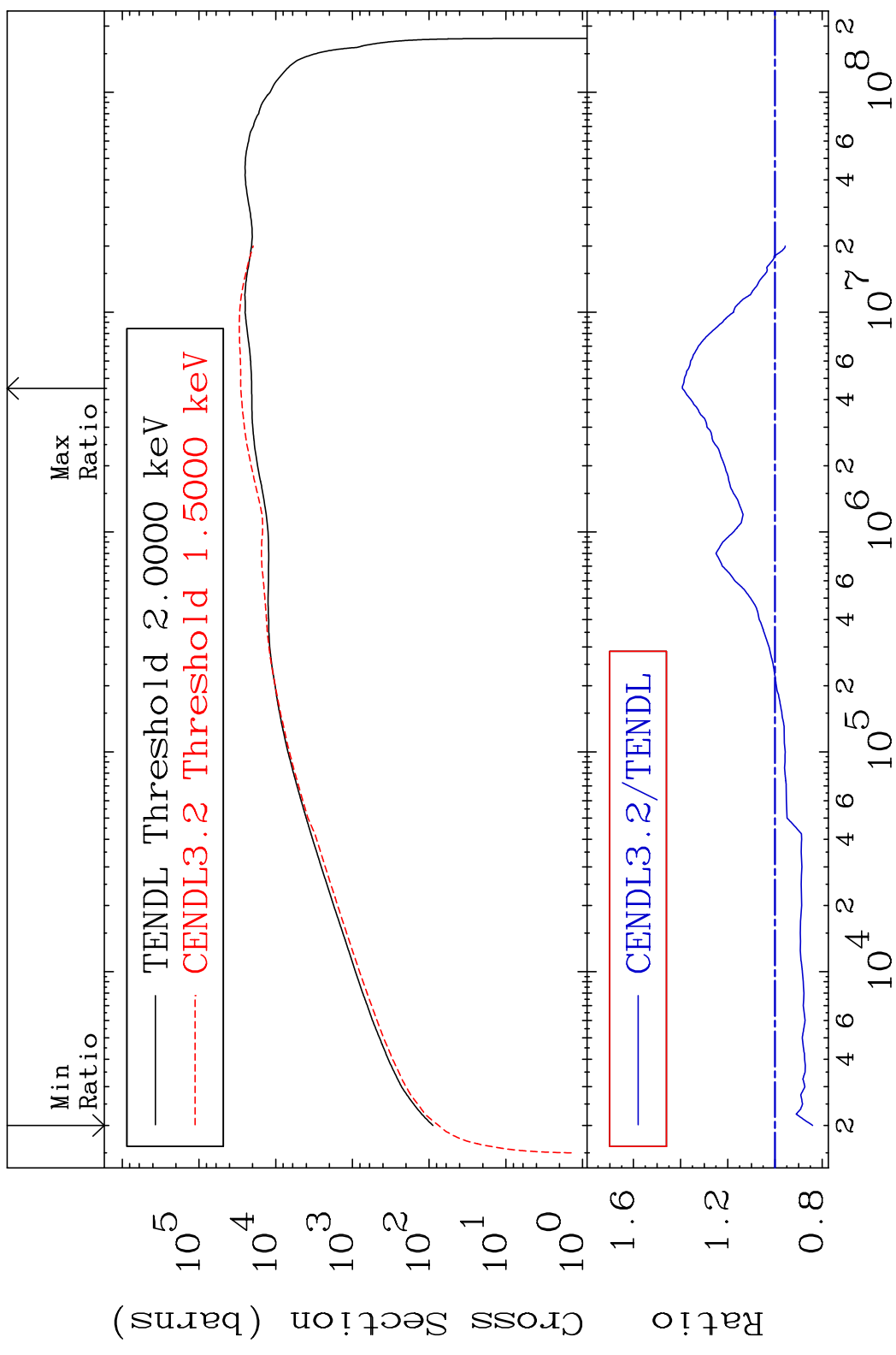


MAT 9549

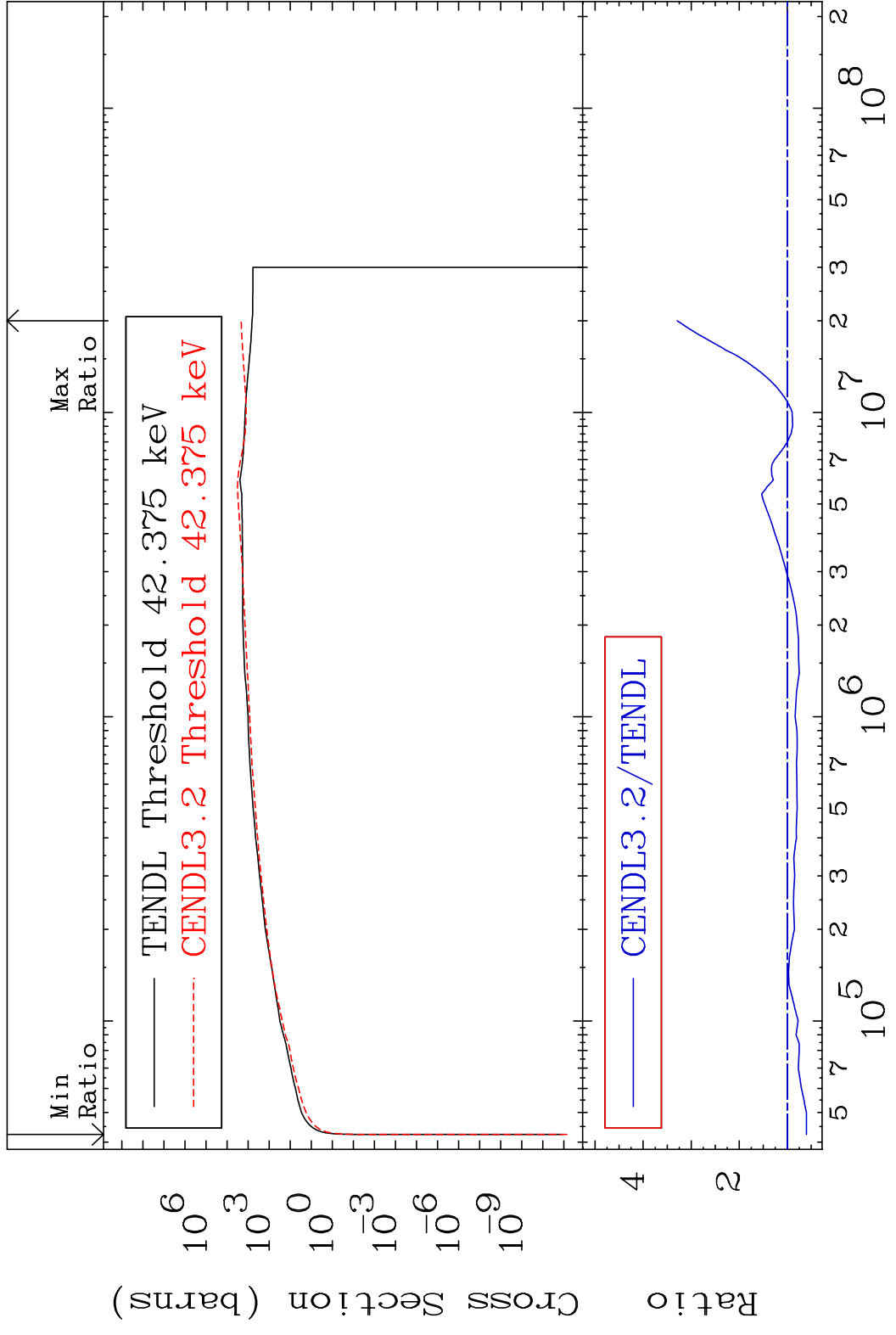
Dpa elastic (mt2)

95-Am-243

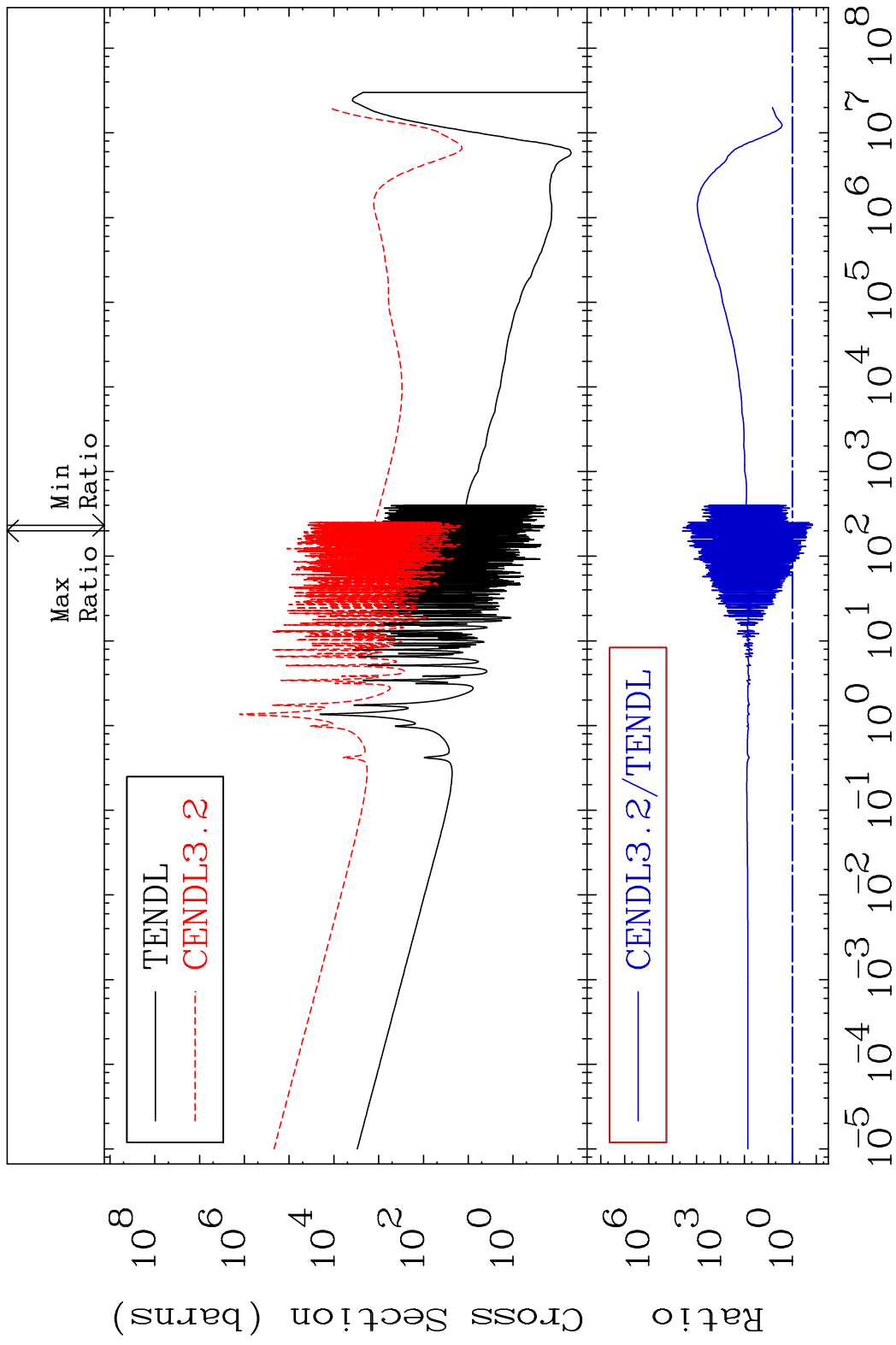
Cross Section -15.90 To 39.27 %



MAT 9549 Dpa inelastic (mt51-91) 95-Am-243
 Cross Section -39.92 To 229.1 %



MAT 9549 Dpa disappearance (mt102 -120) 95-Am-243
Cross Section -85.75 To 9999. %



40 Incident Energy (eV) 95-Am-243