

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

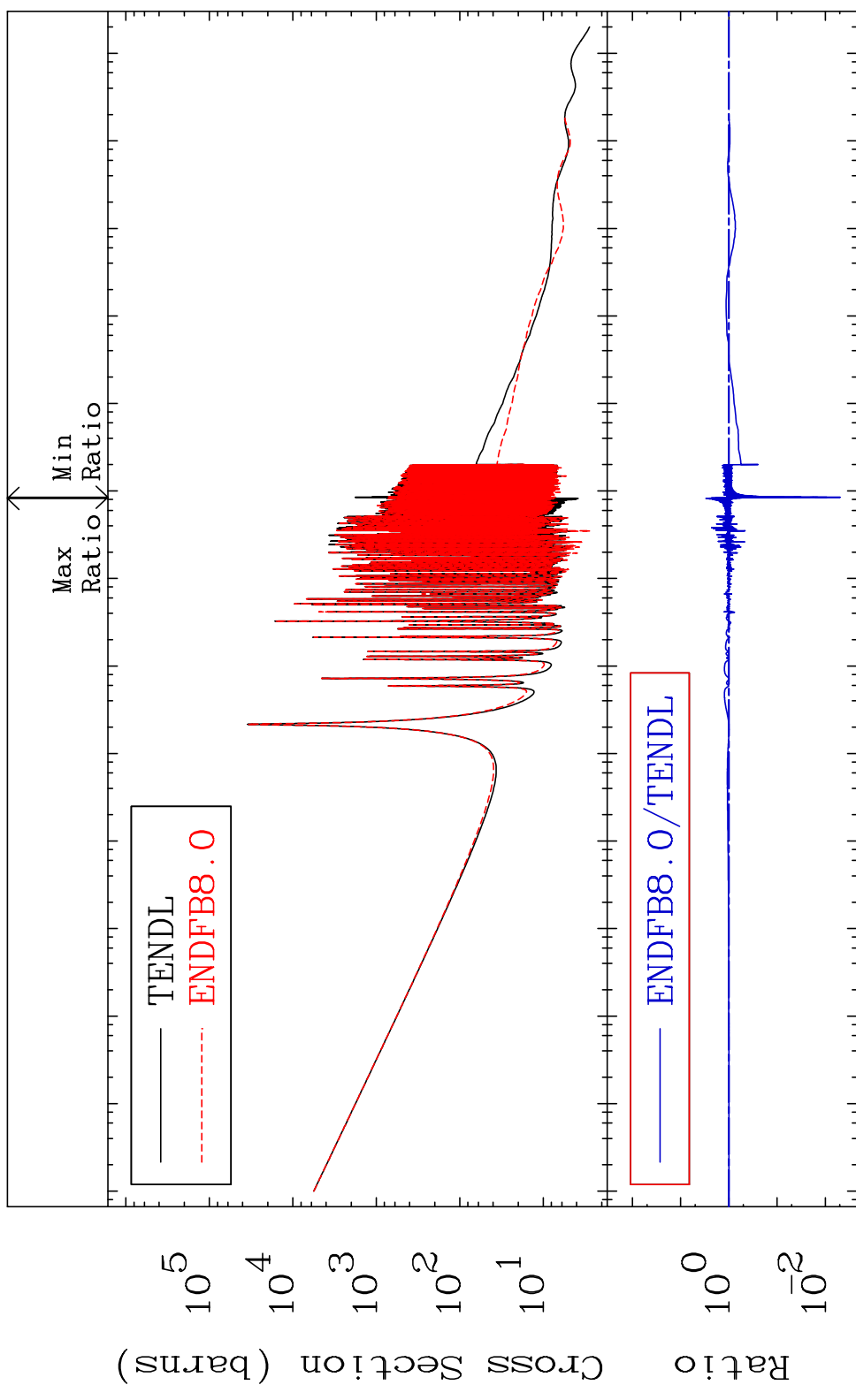
MAT 7525

Total

75-Re-185

Cross Section

-99.52 To 201.4 %

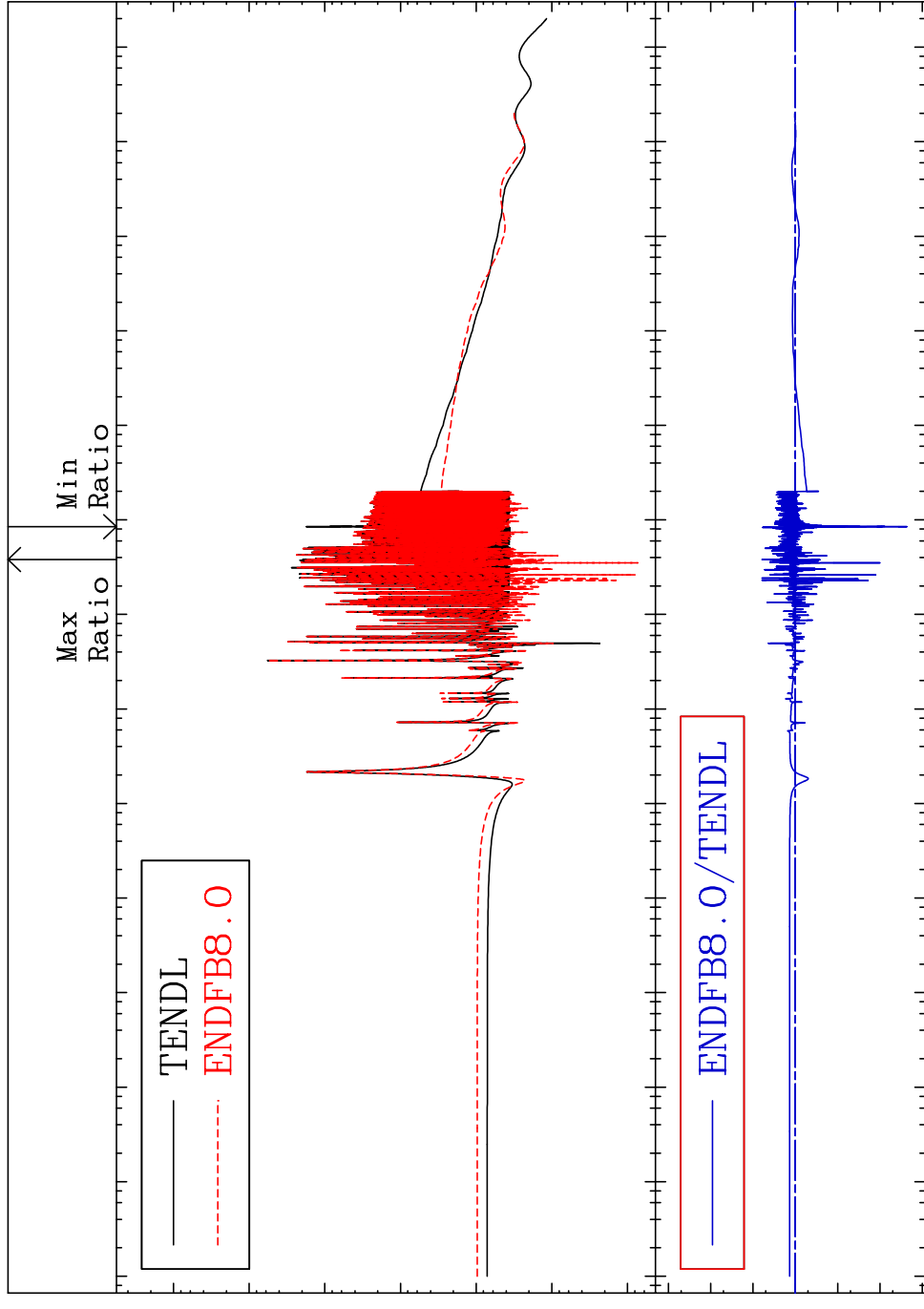


MAT 7525

Elastic

75-Re-185

Cross Section -99.77 To 520.4 %



Ratio
Cross Section (barns)

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

Incident Energy (eV)

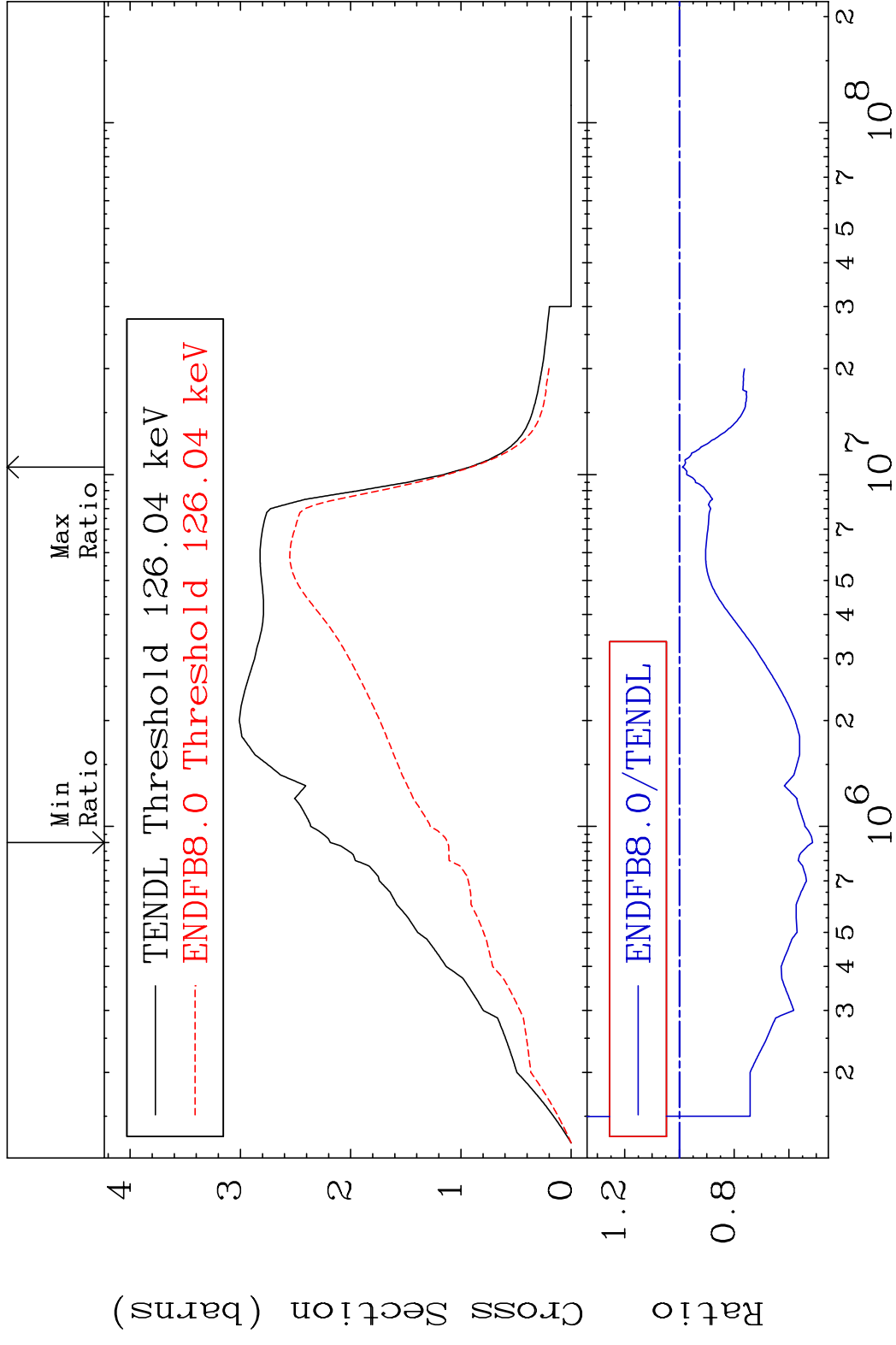
75-Re-185

MAT 7525

Inelastic

75-Re-185

Cross Section -48.63 To -1.067%

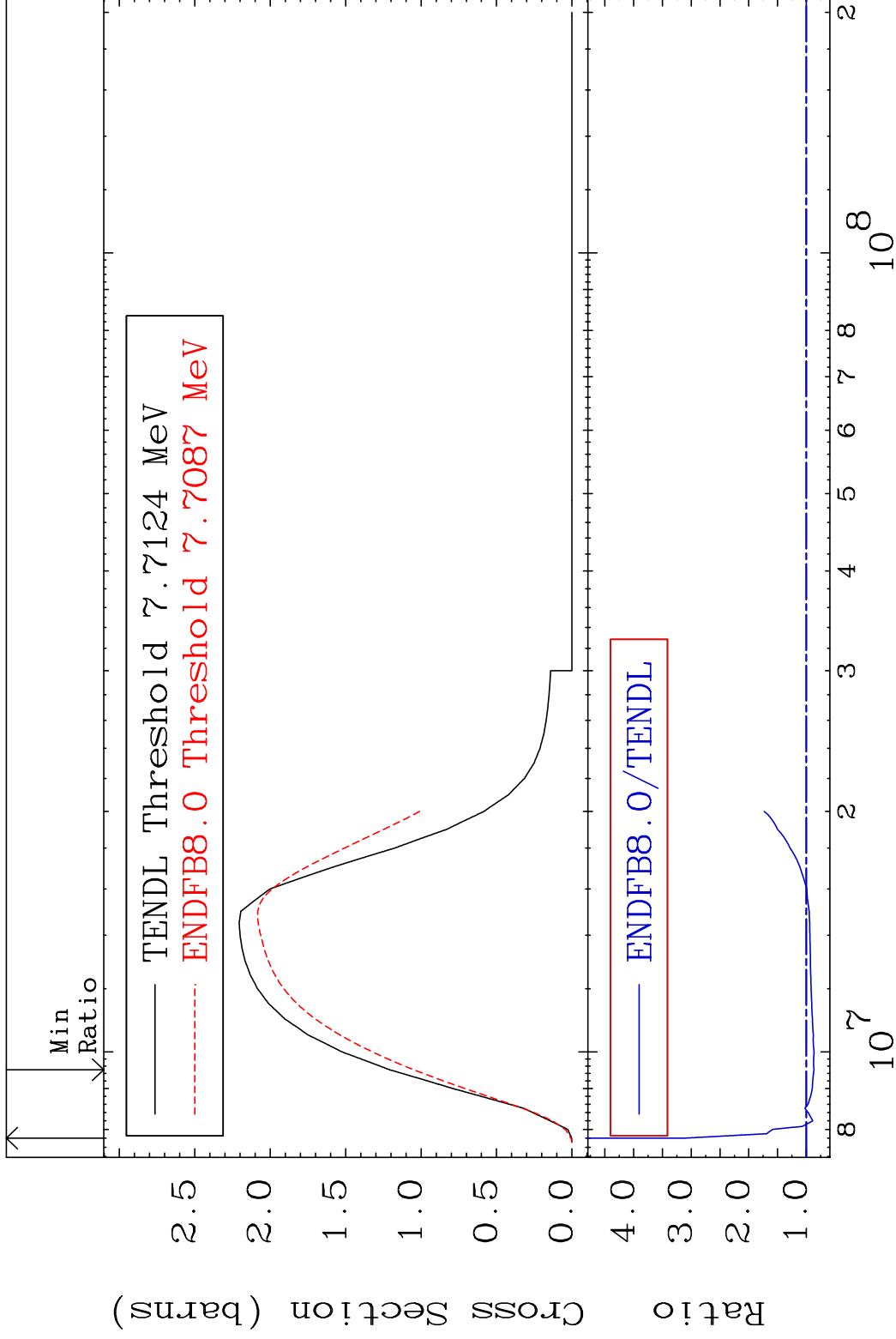


MAT 7525

(n,2n)

75-Re-185

Cross Section -13.35 To 213.5 %



4

Incident Energy (eV)

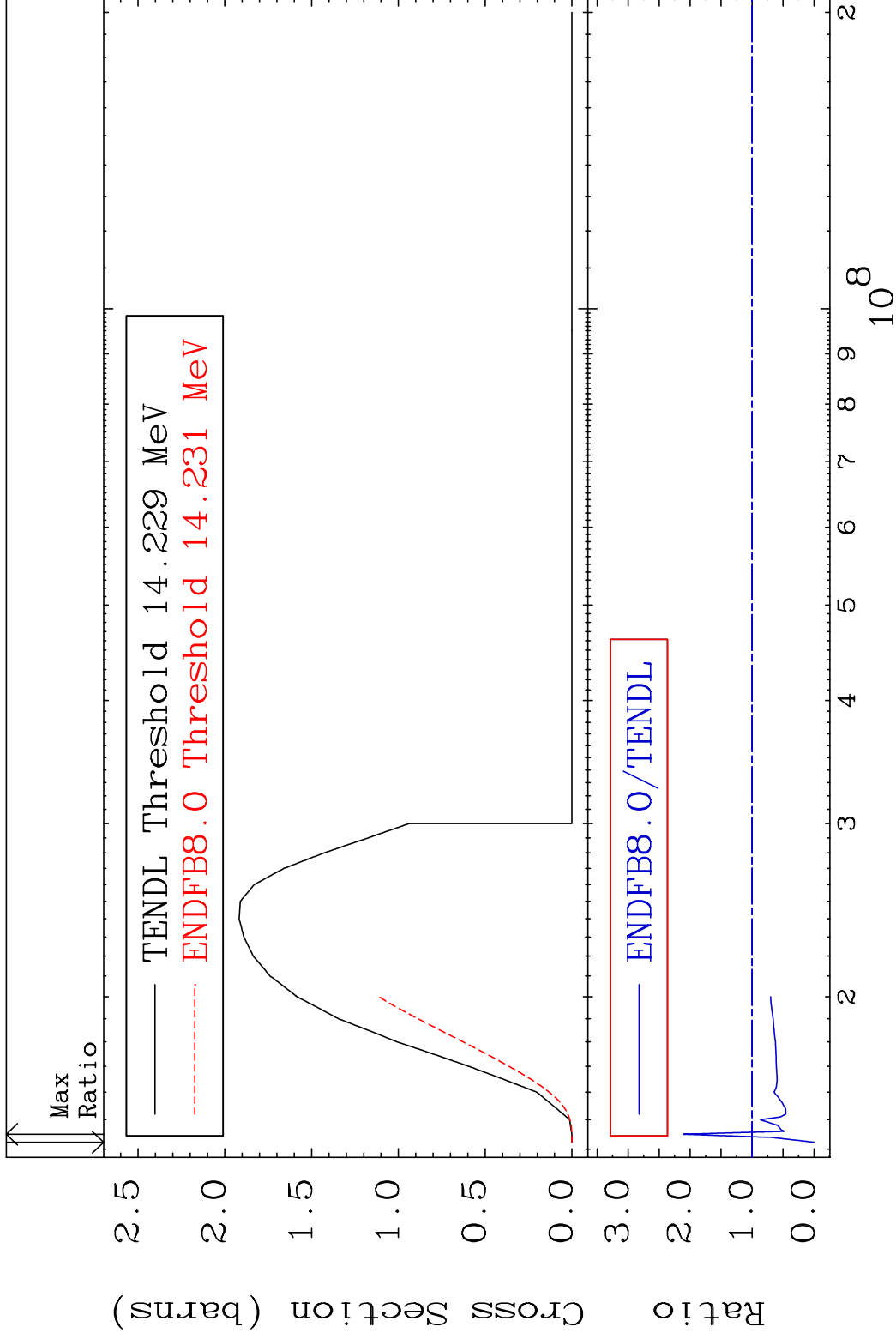
75-Re-185

MAT 7525

(n,3n)

75-Re-185

Cross Section -100.0 To 110.8 %



5

Incident Energy (eV)

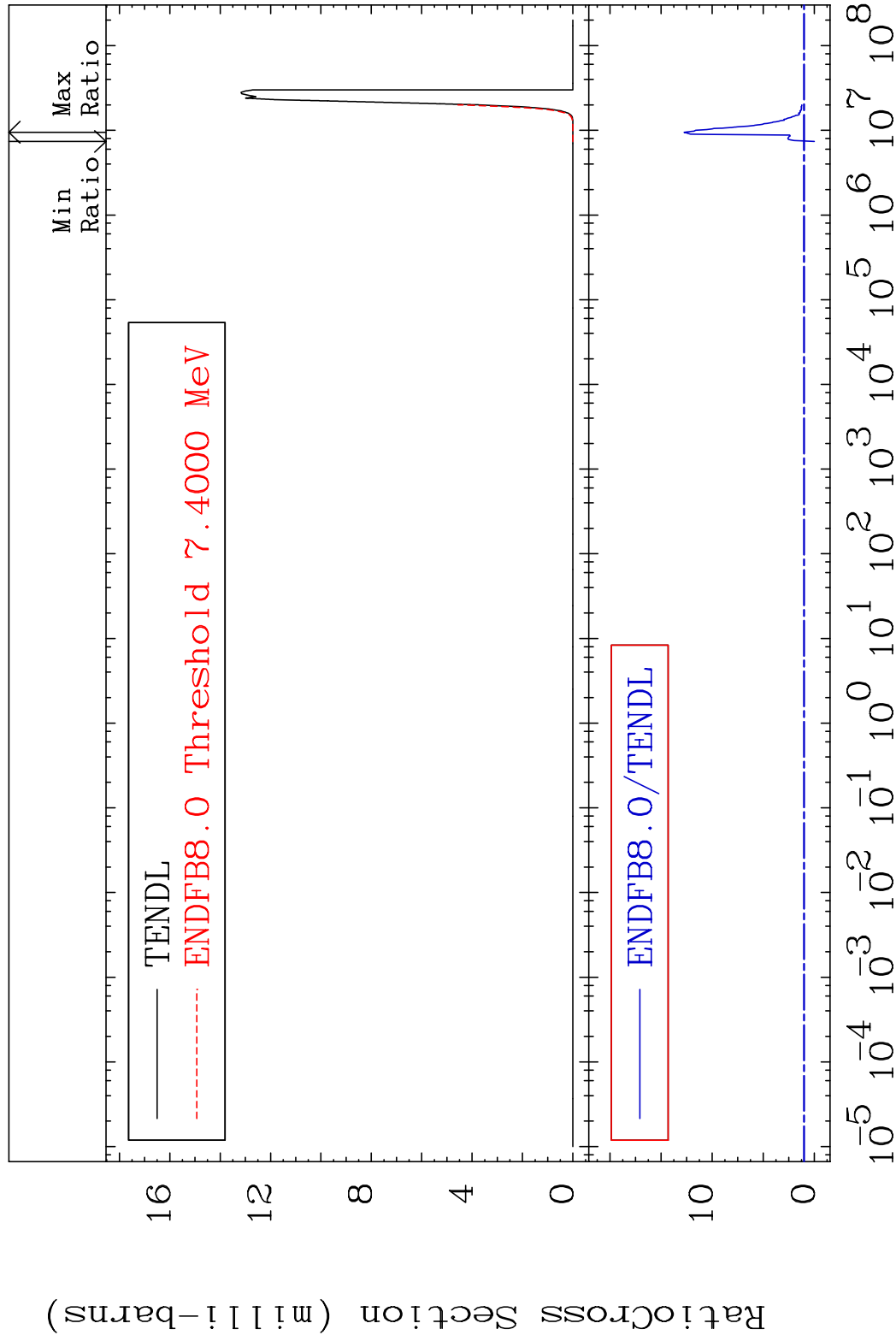
75-Re-185

MAT 7525

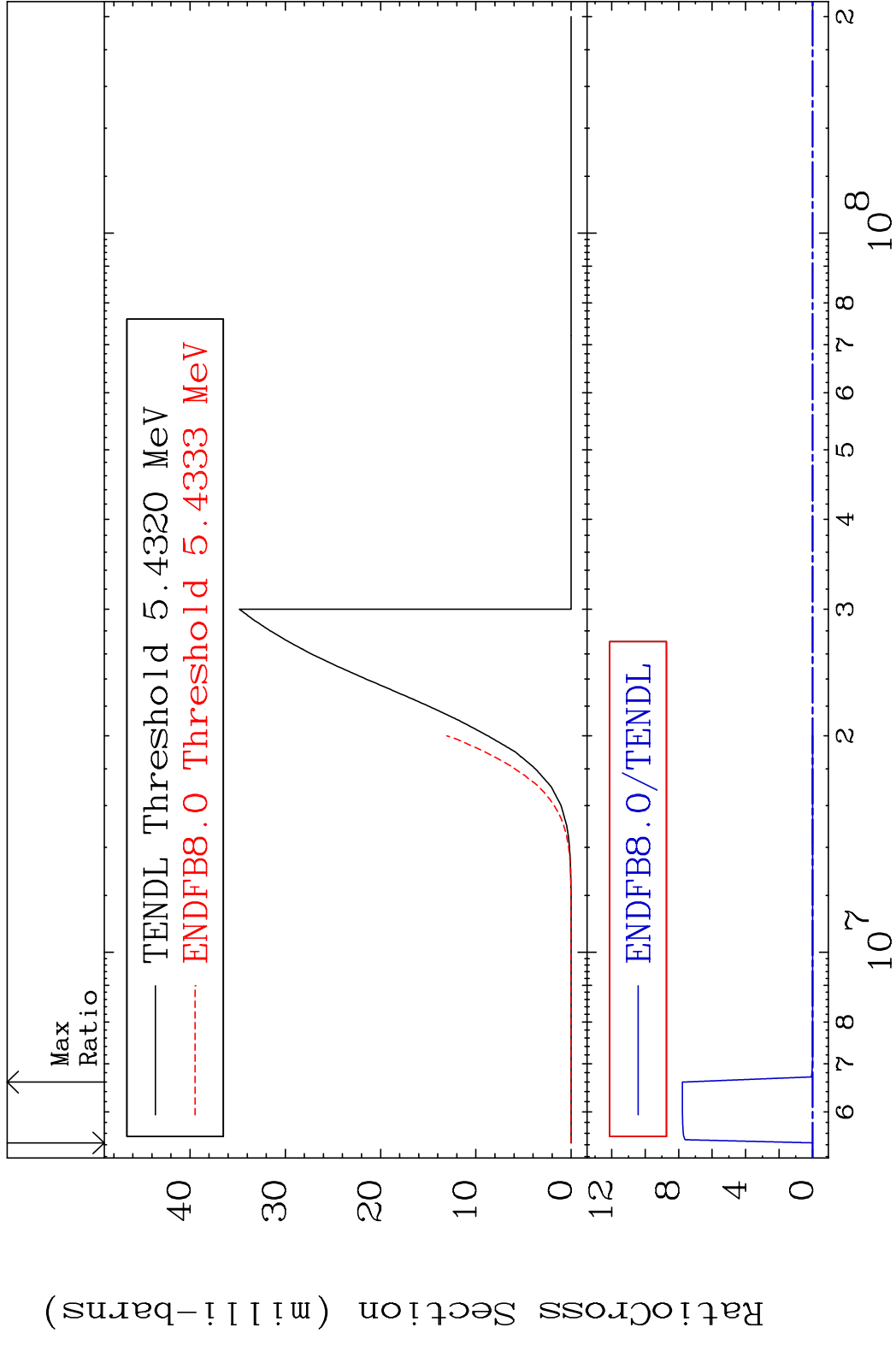
(n, n') α

75-Re-185

Cross Section -100.0 To 1175. %

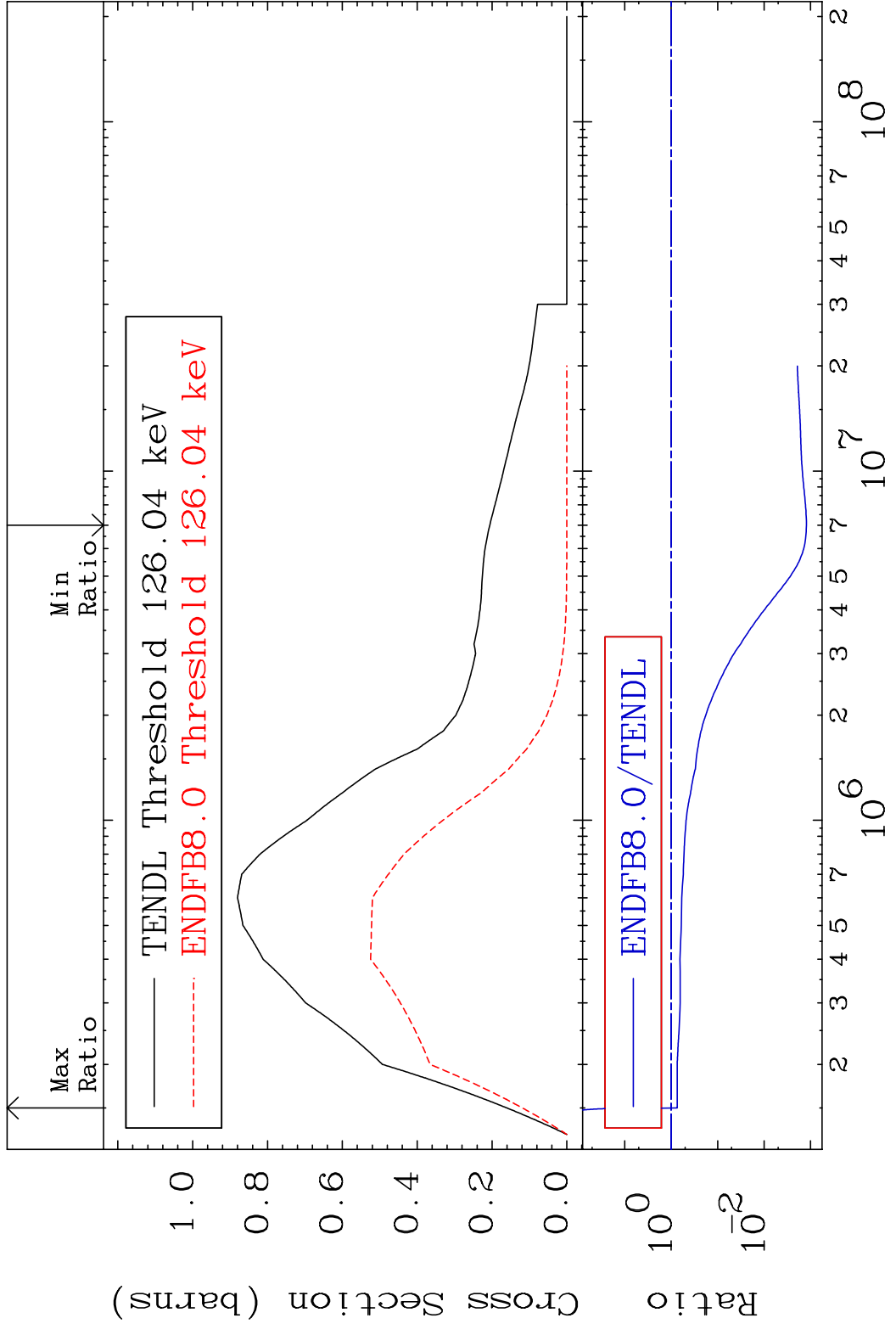


MAT 7525 (n, n') p 75-Re-185
 Cross Section -100.0 To 9999. %

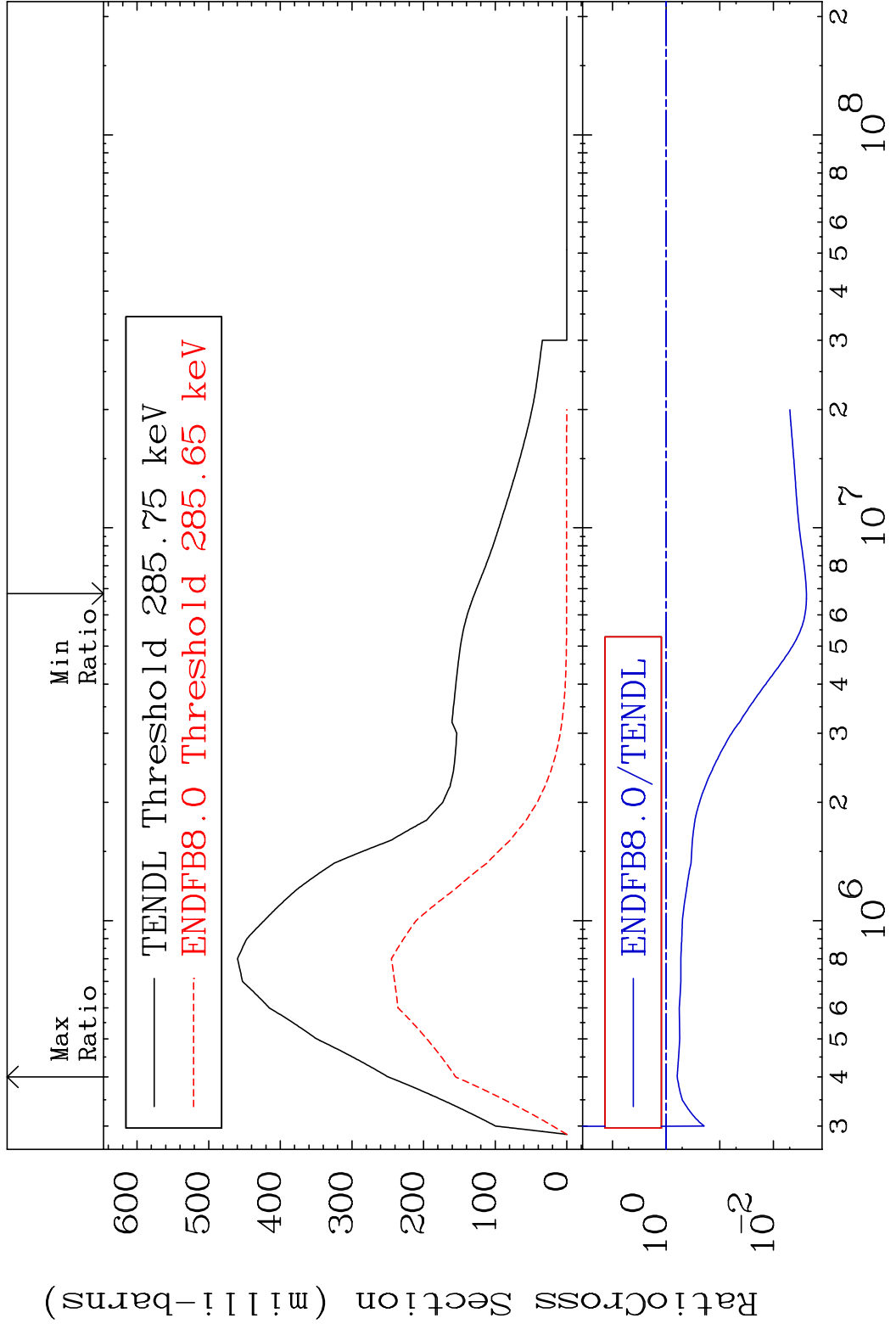


7 Incident Energy (eV) 75-Re-185

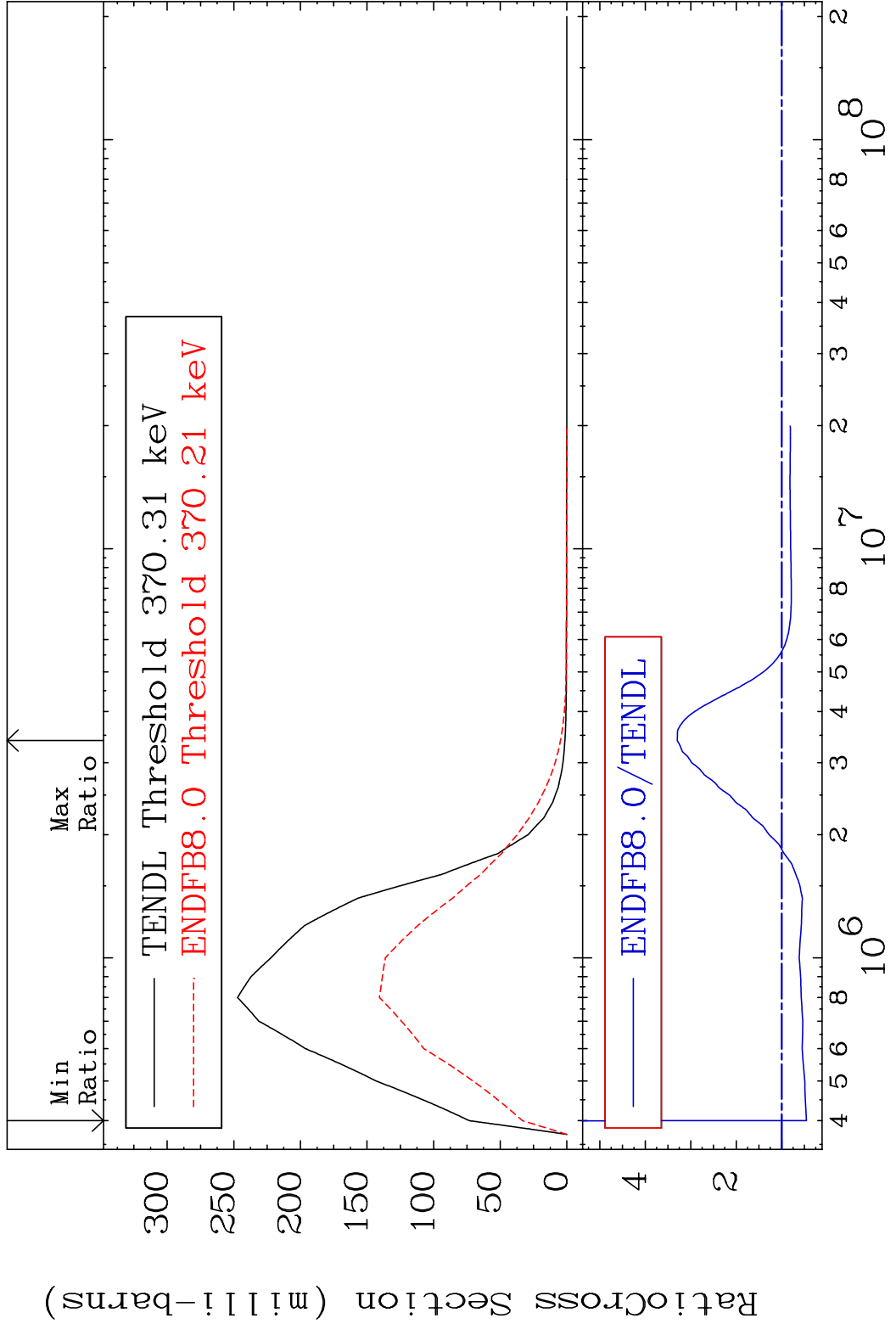
MAT 7525 MT= 51 (n, n') Level 75-Re-185
 Cross Section -99.88 To -25.81%



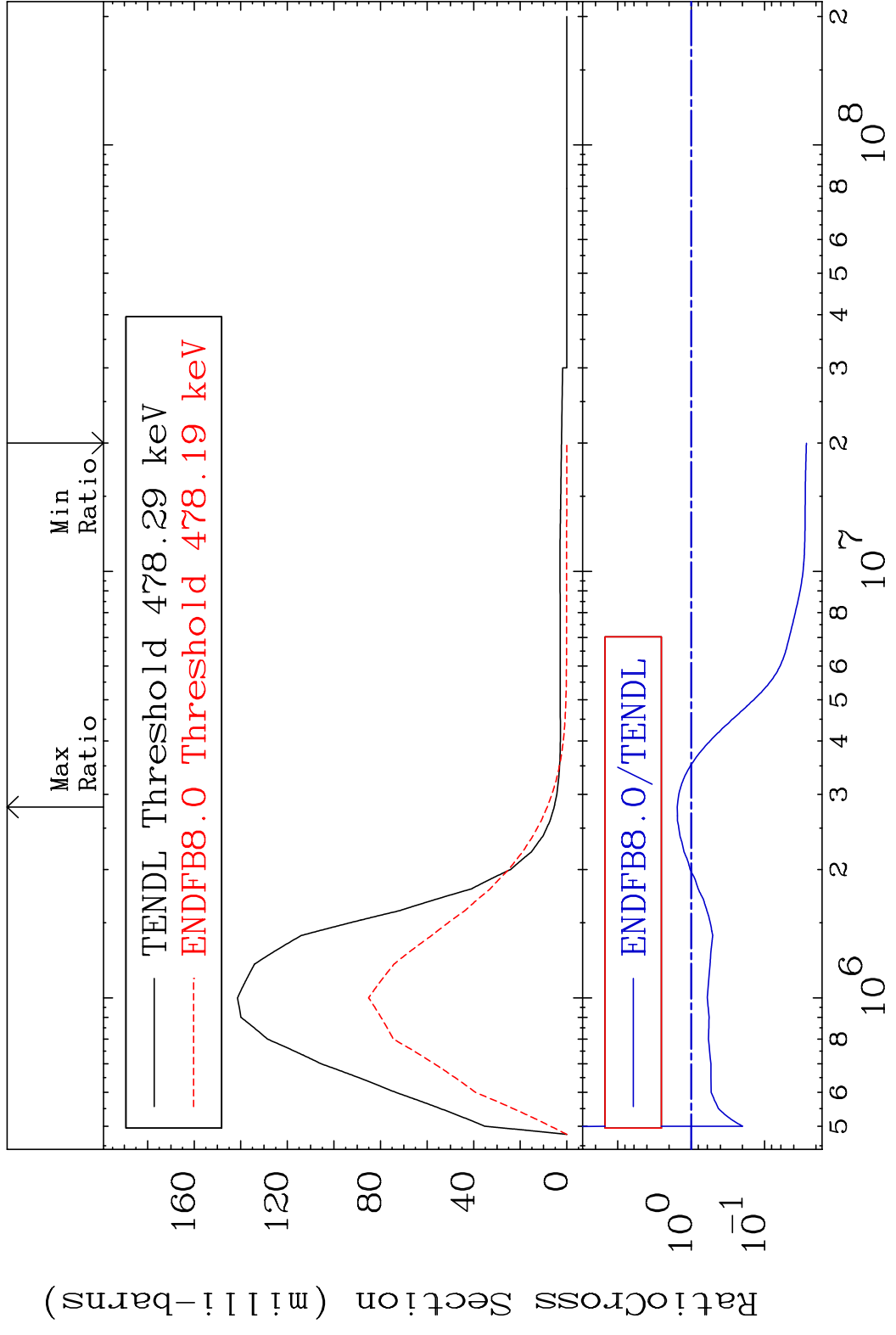
MAT 7525 MT= 52 (n, n') Level 75-Re-185
 Cross Section -99.76 To -37.81%



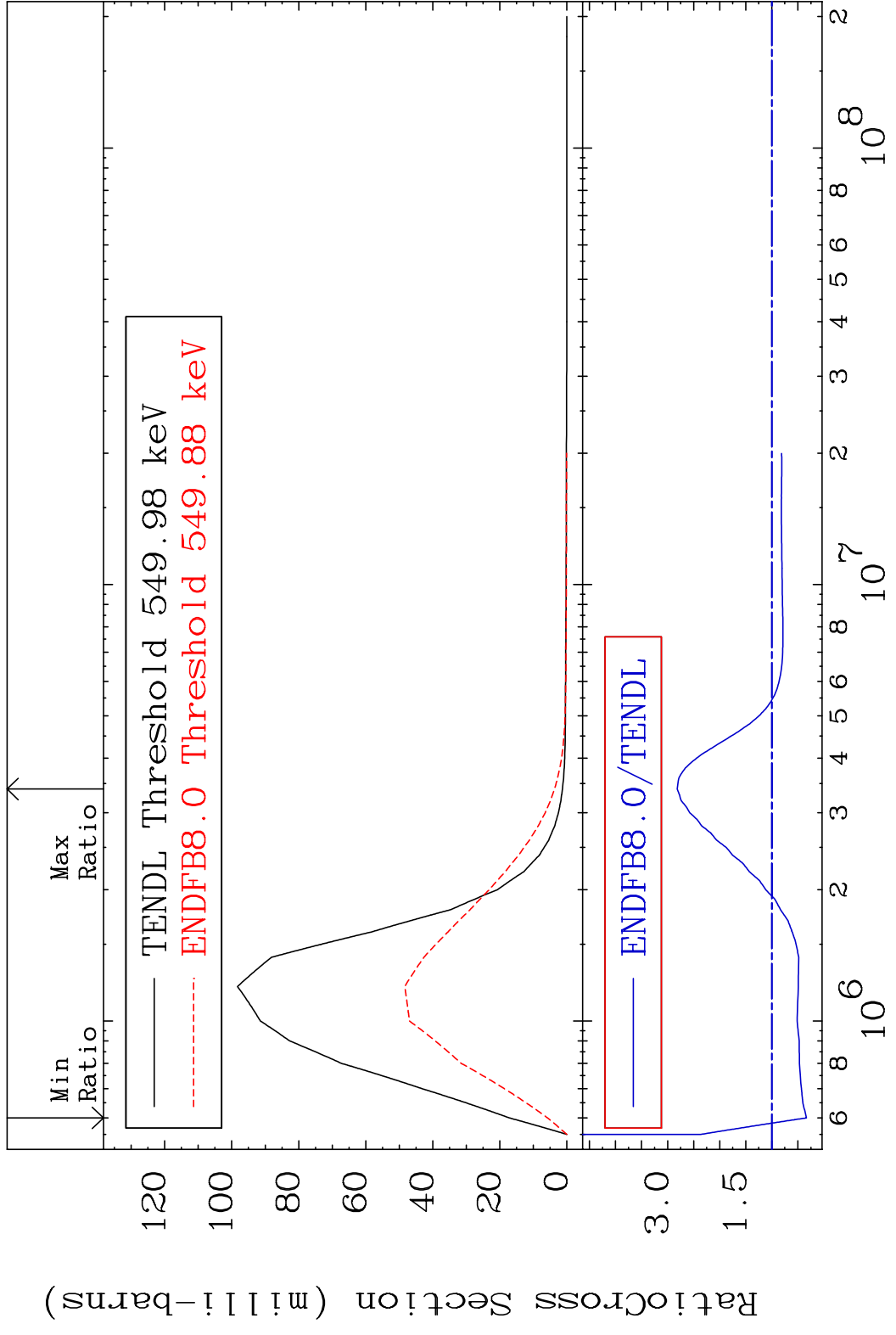
MAT 7525 MT= 53 (n, n') Level 75-Re-185
 Cross Section -54.37 To 229.8 %



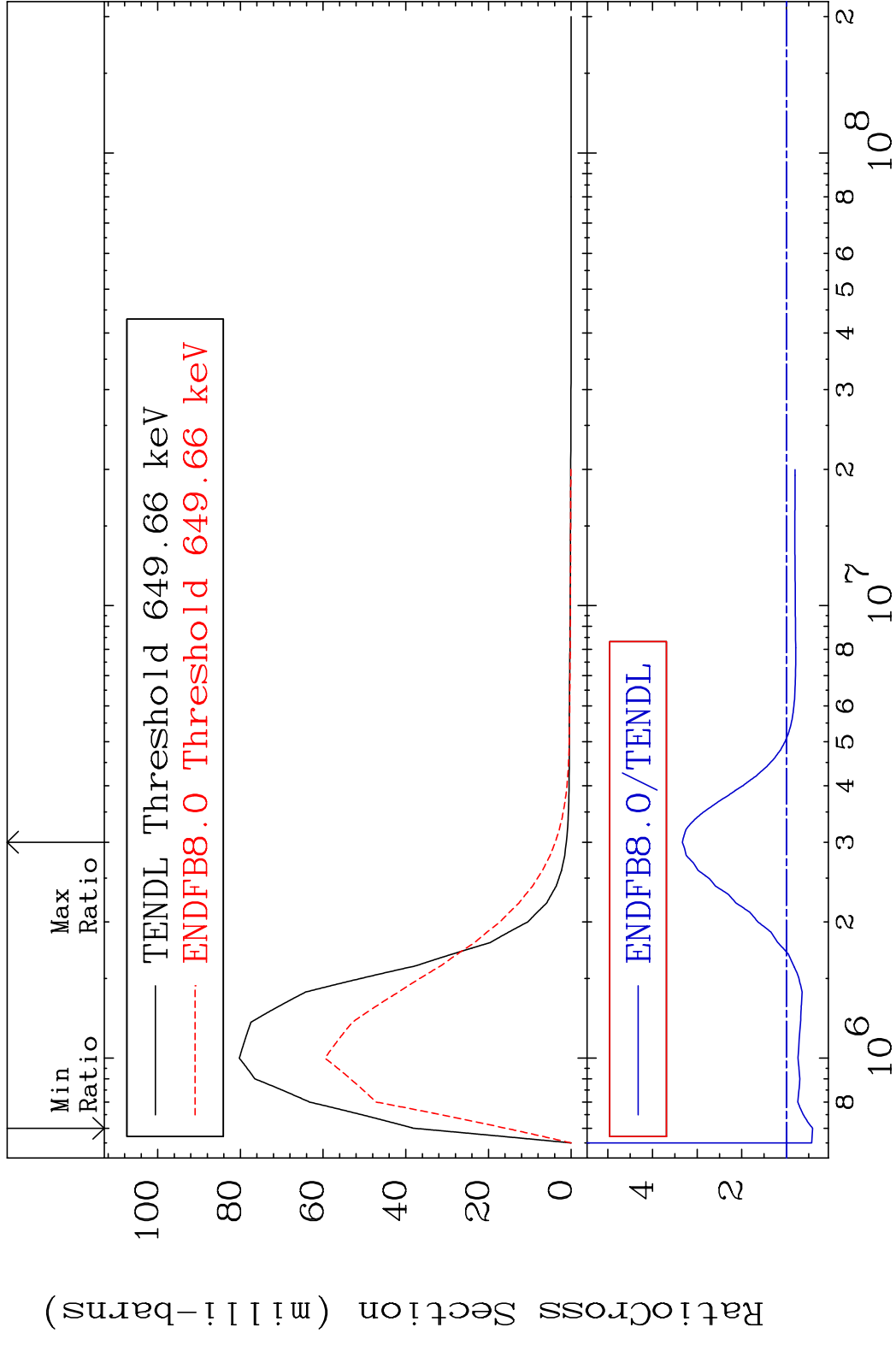
MAT 7525 MT= 54 (n, n') Level 75-Re-185
 Cross Section -97.31 To 54.90 %



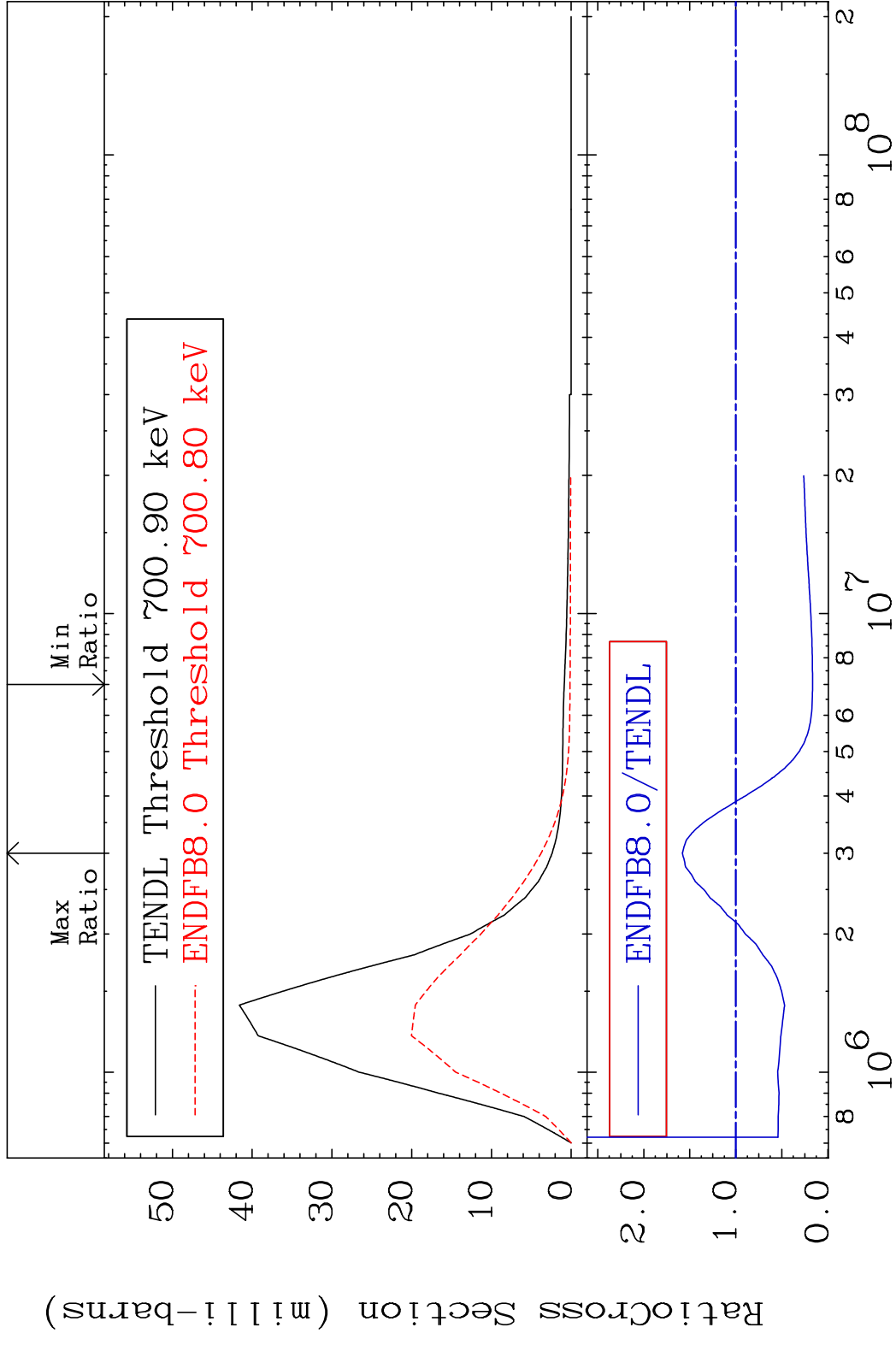
MAT 7525 MT= 55 (n, n') Level 75-Re-185
 Cross Section -66.41 To 181.6 %



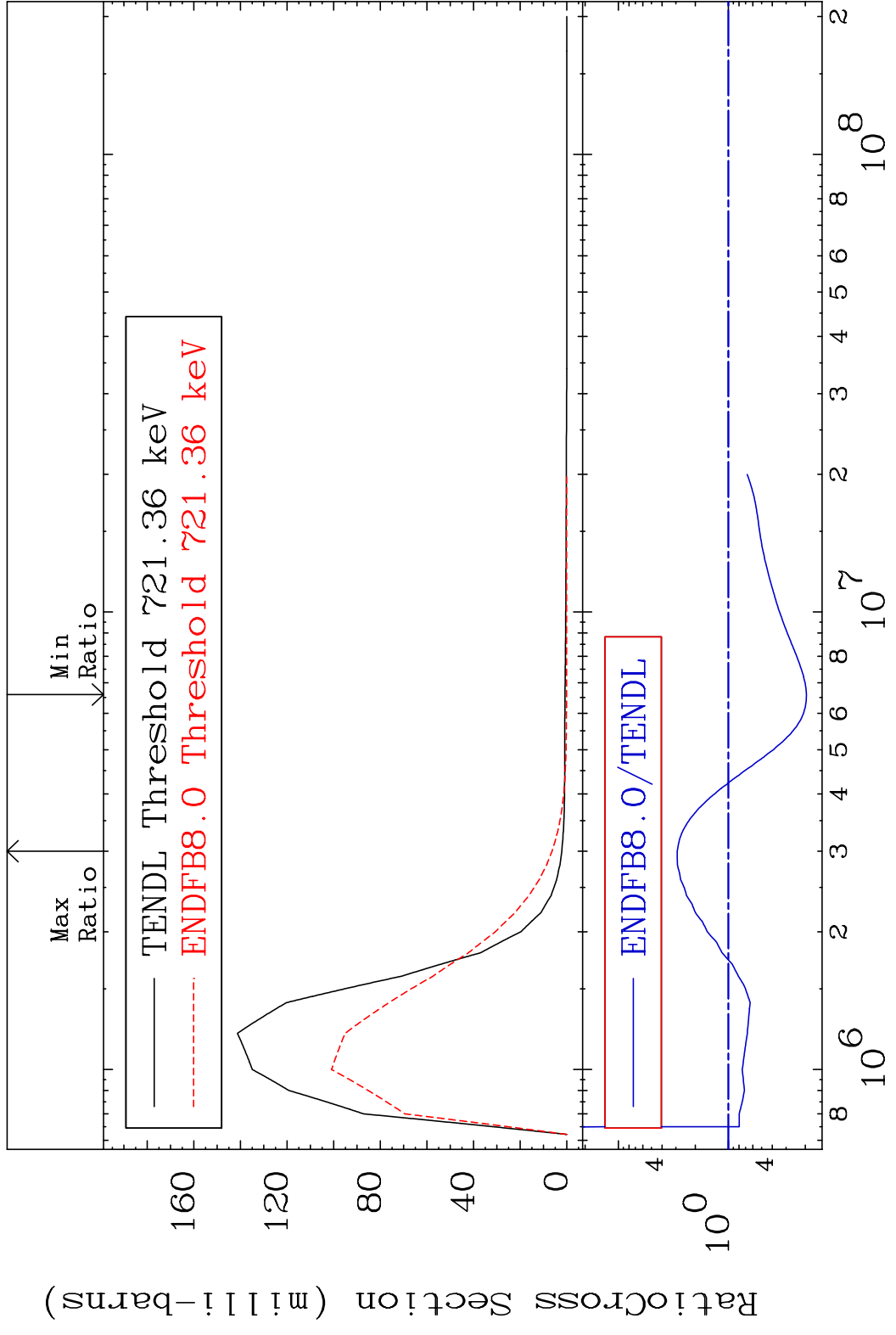
MAT 7525 MT= 56 (n,n') Level 75-Re-185
 Cross Section -58.47 To 233.1 %



MAT 7525 MT= 57 (n, n') Level 75-Re-185
 Cross Section -83.44 To 58.08 %

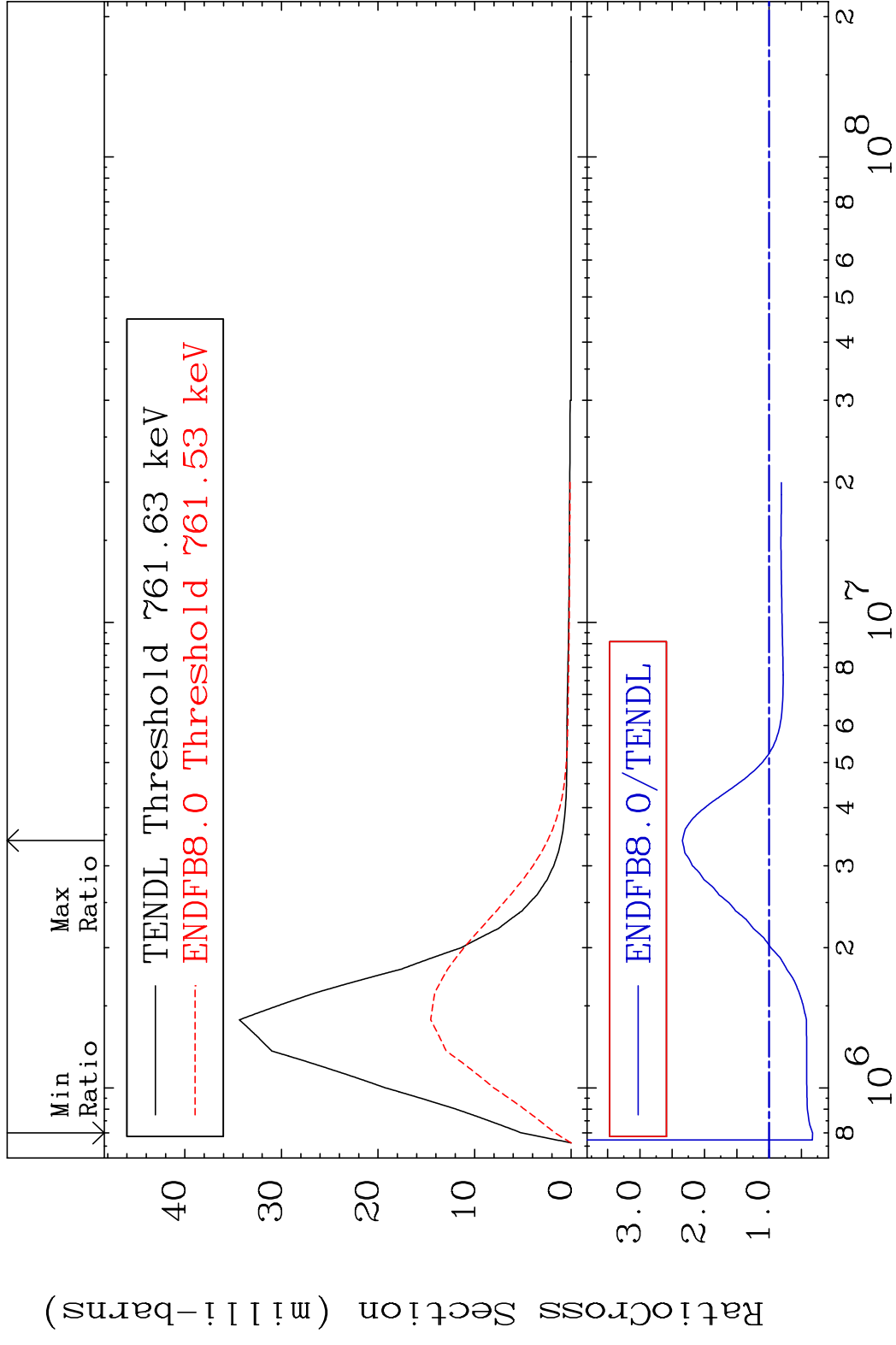


MAT 7525 MT= 58 (n, n') Level 75-Re-185
 Cross Section -80.42 To 191.9 %

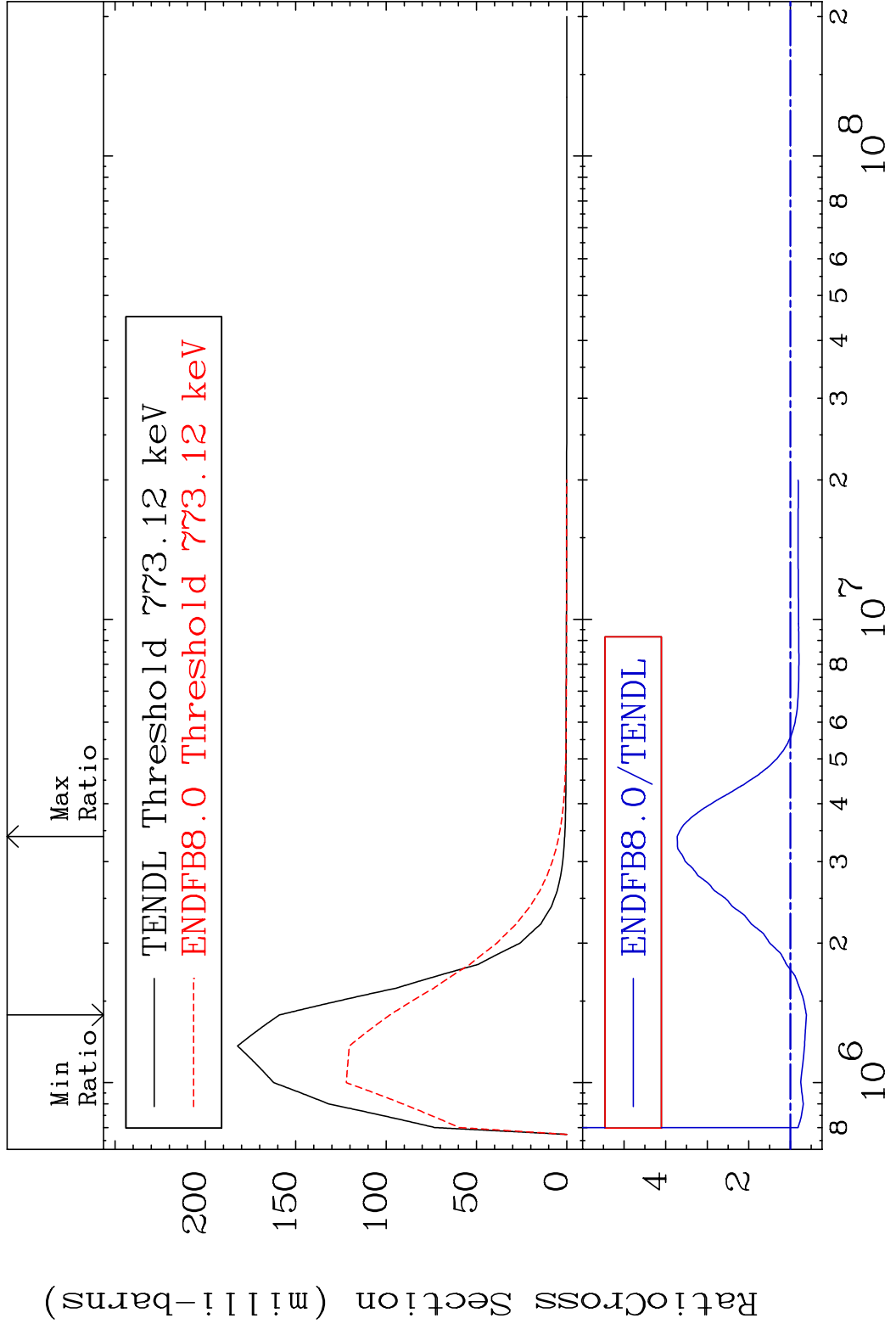


15 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 59 (n, n') Level 75-Re-185
 Cross Section -67.24 To 134.3 %

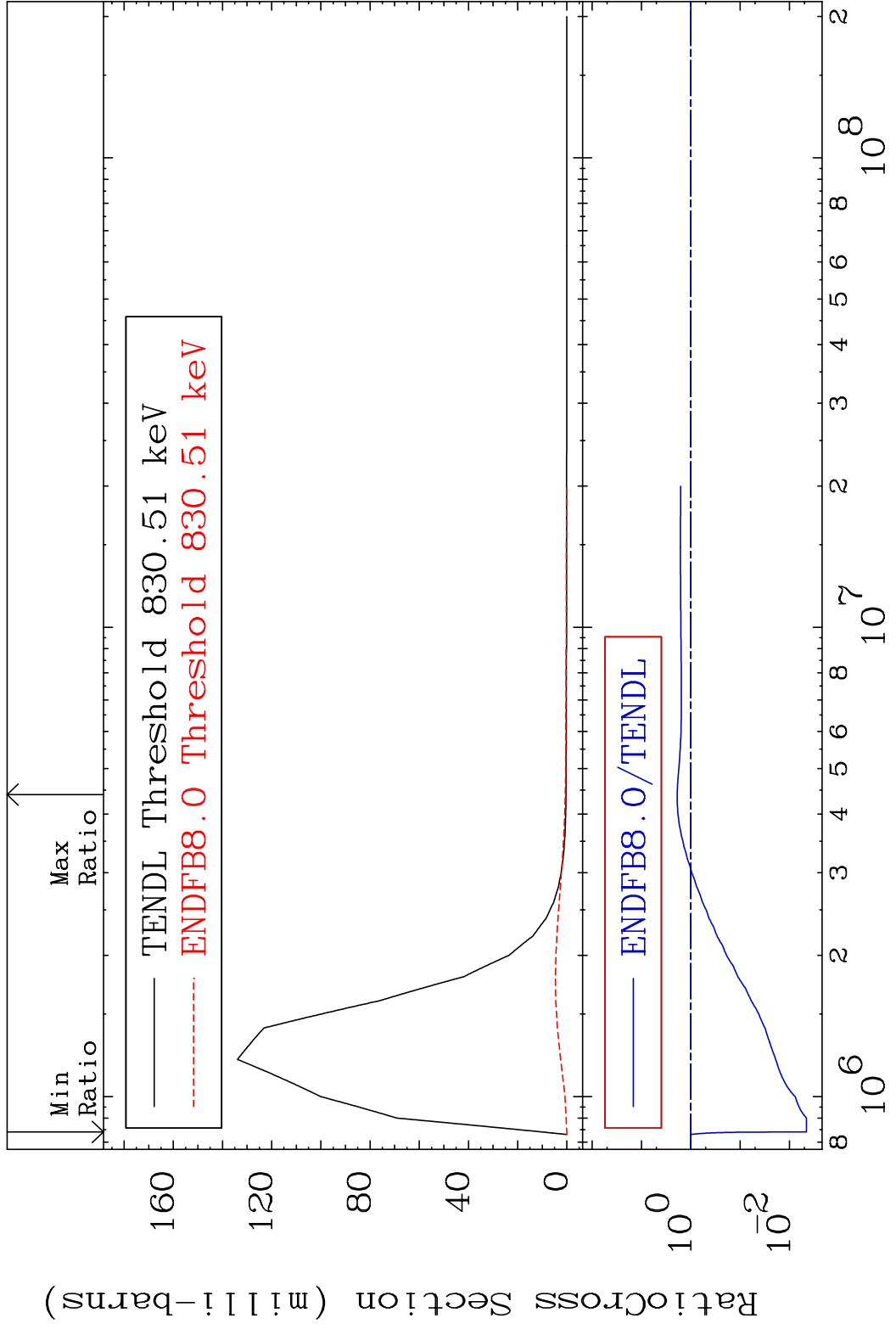


MAT 7525 MT= 60 (n, n') Level 75-Re-185
 Cross Section -38.45 To 272.4 %



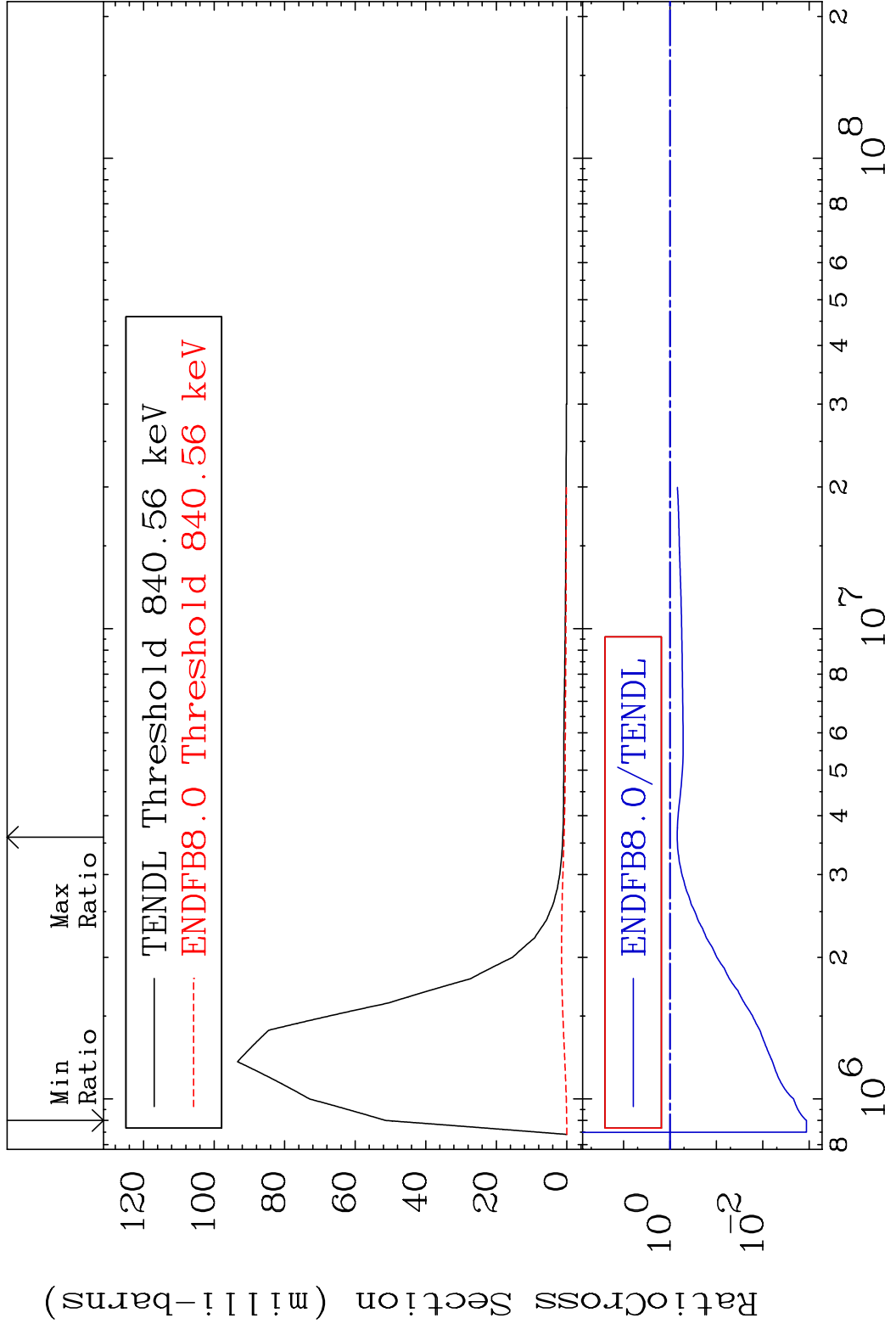
17 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 61 (n, n') Level 75-Re-185
 Cross Section -99.55 To 89.39 %



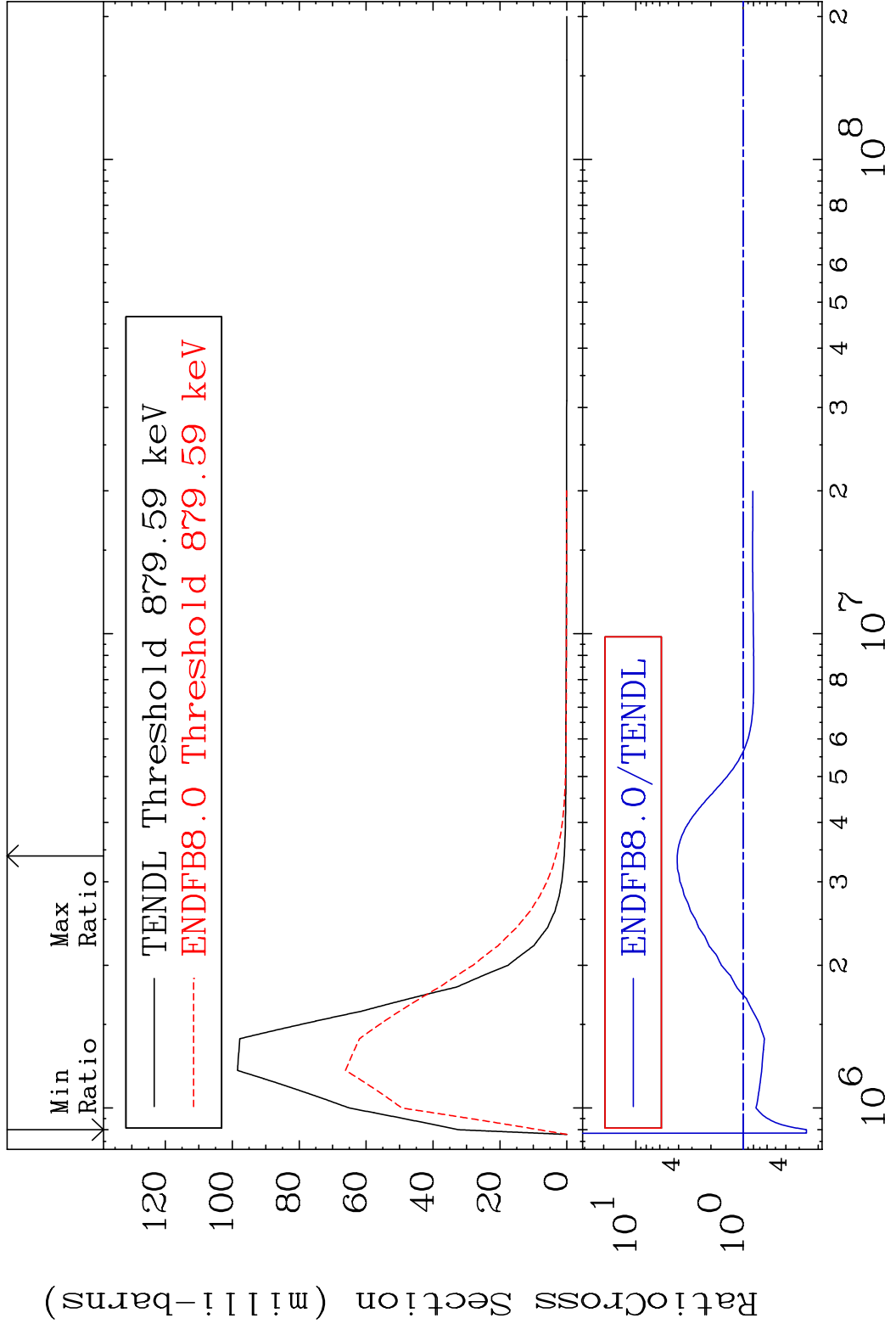
18 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 62 (n, n') Level 75-Re-185
 Cross Section -99.89 To -29.84%



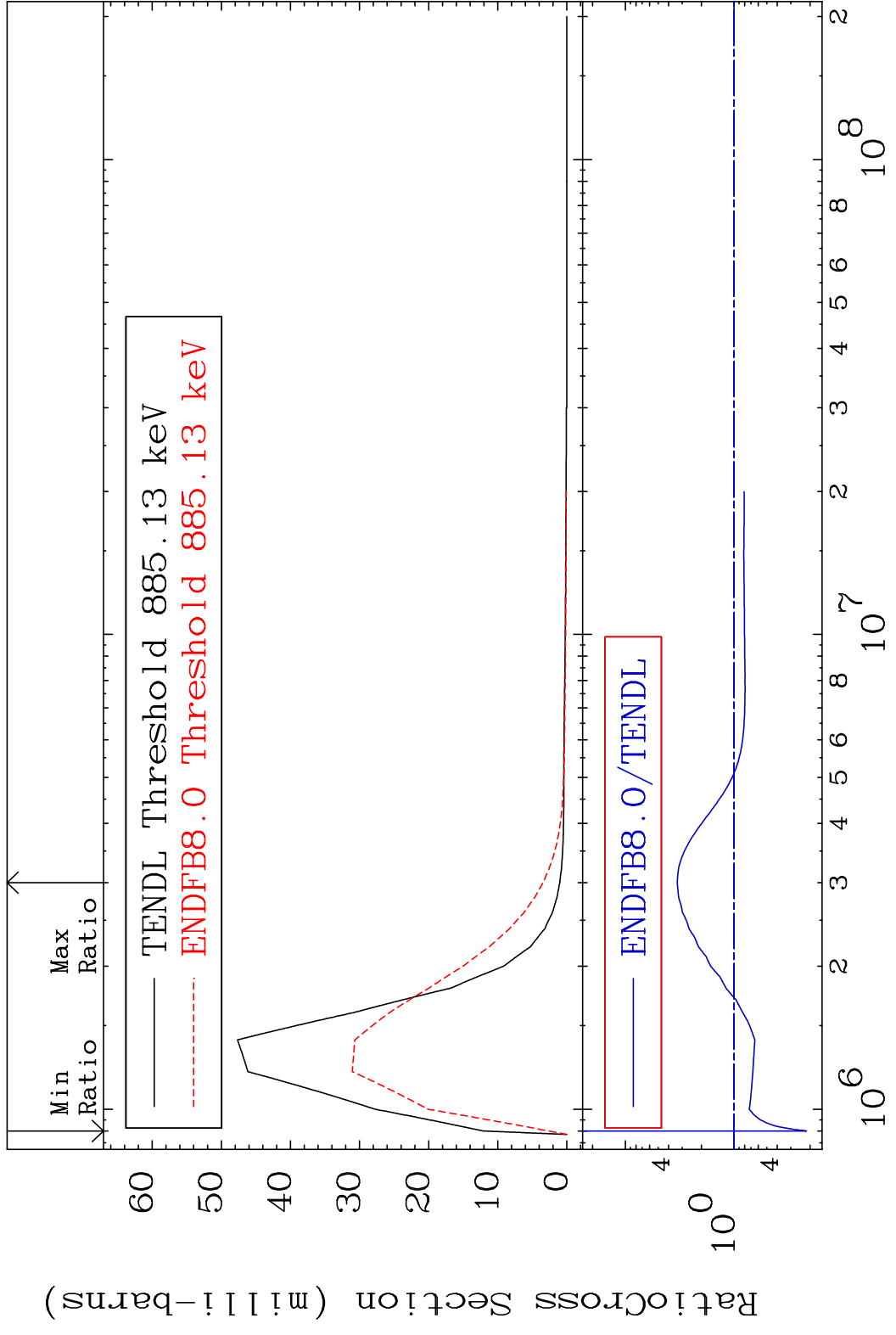
19 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 63 (n, n') Level 75-Re-185
 Cross Section -74.25 To 312.1 %

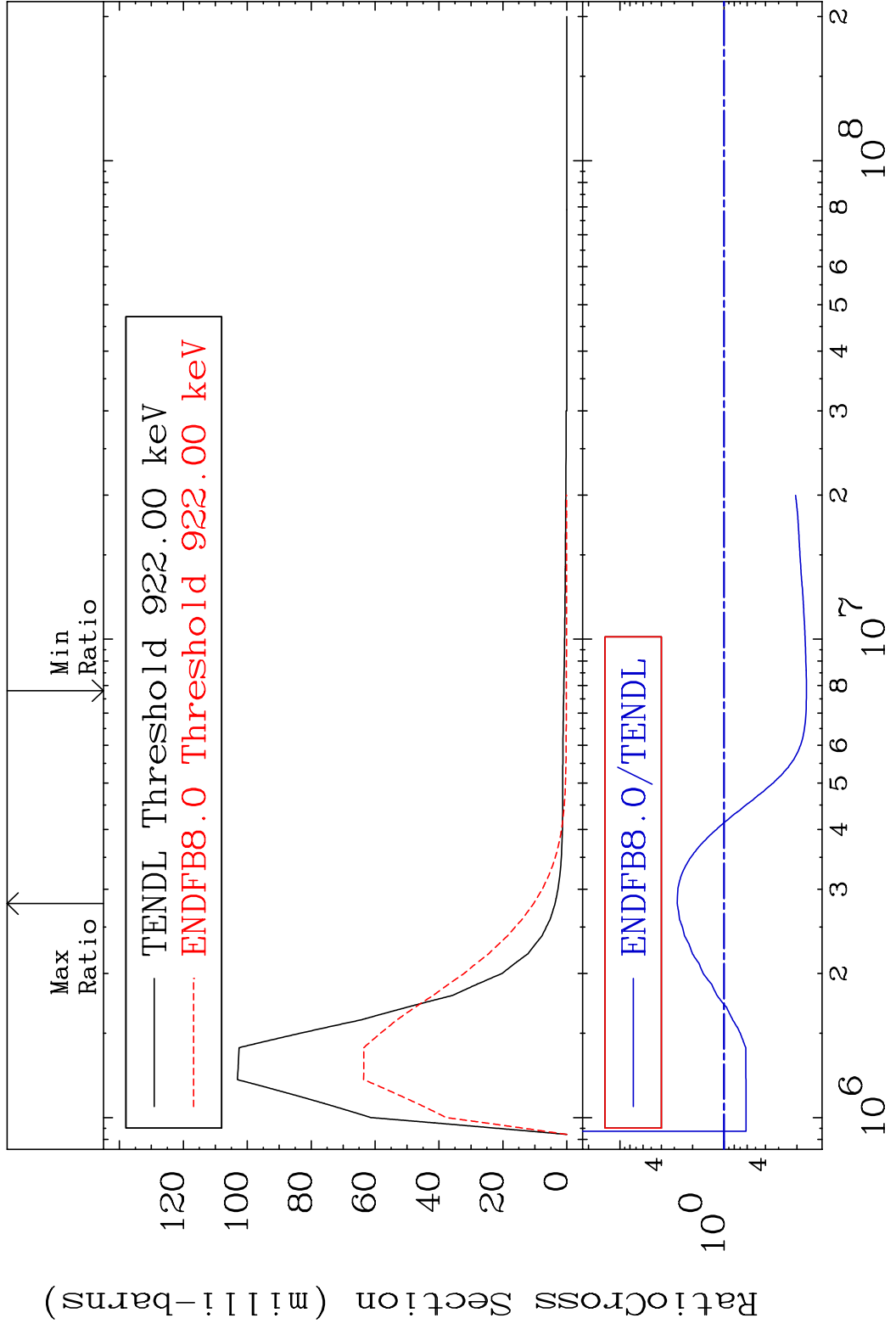


20 Incident Energy (eV) 75-Re-185

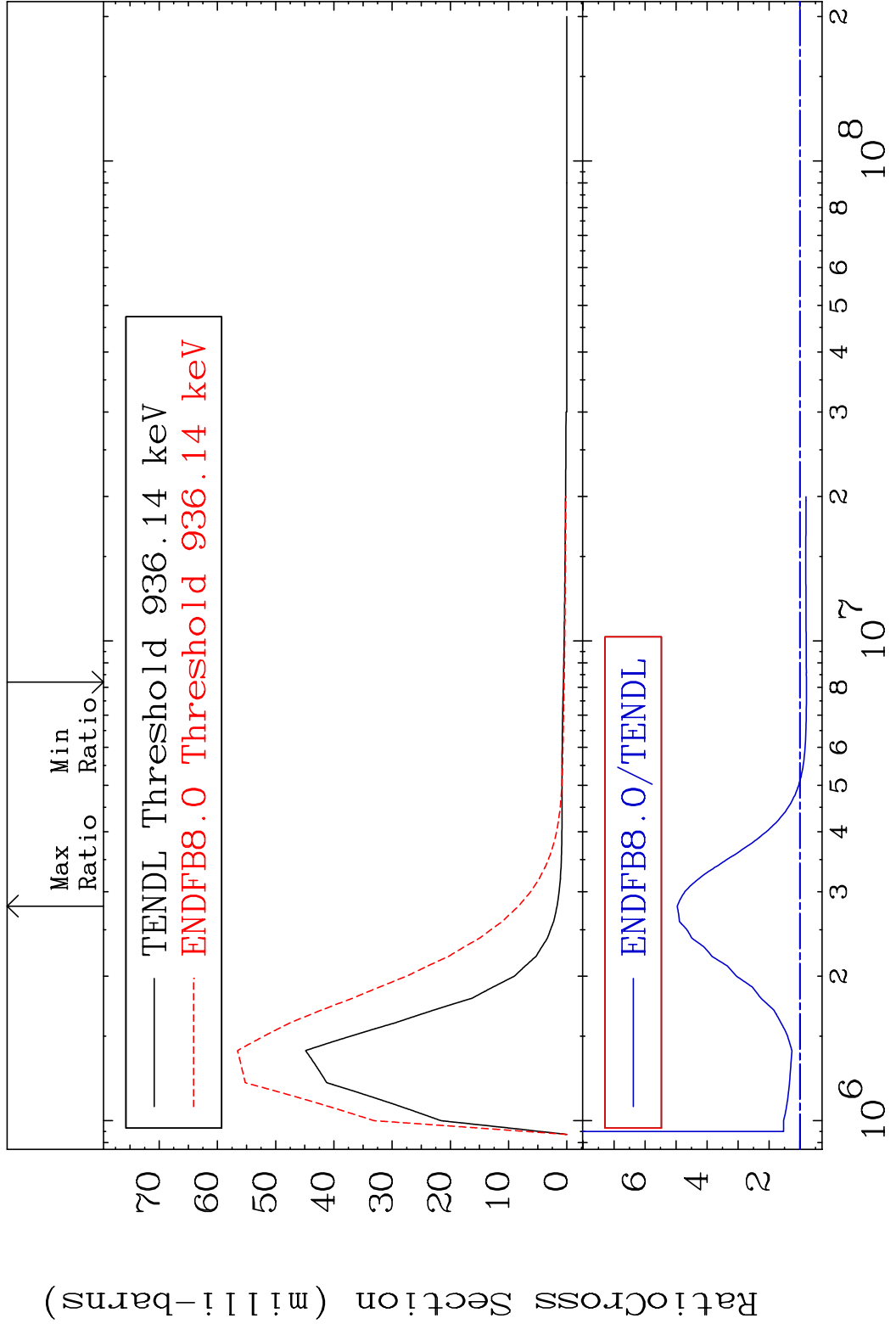
MAT 7525 MT= 64 (n, n') Level 75-Re-185
 Cross Section -78.39 To 233.8 %



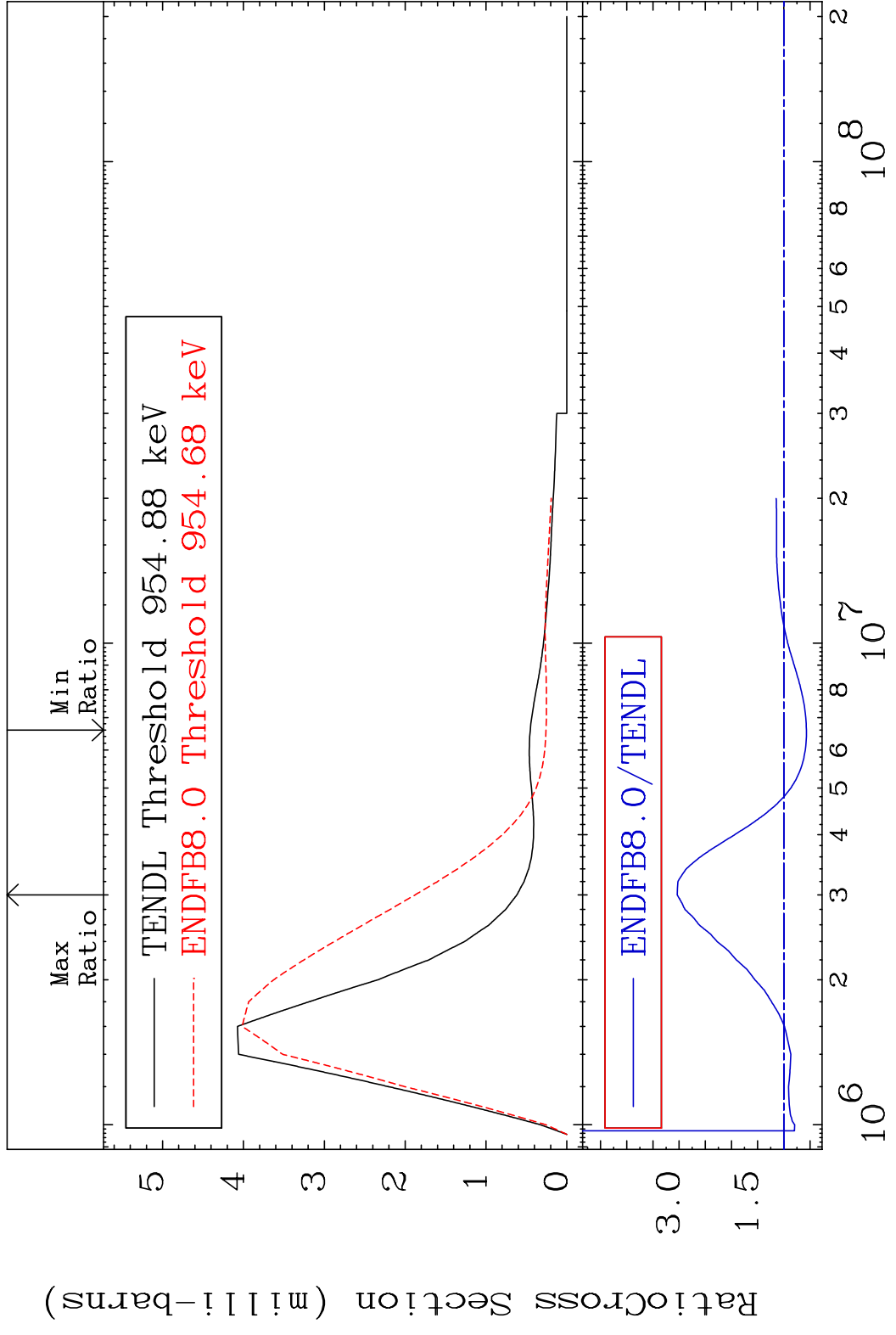
MAT 7525 MT= 65 (n, n') Level 75-Re-185
 Cross Section -83.78 To 181.7 %



MAT 7525 MT= 66 (n, n') Level 75-Re-185
 Cross Section -20.70 To 396.2 %

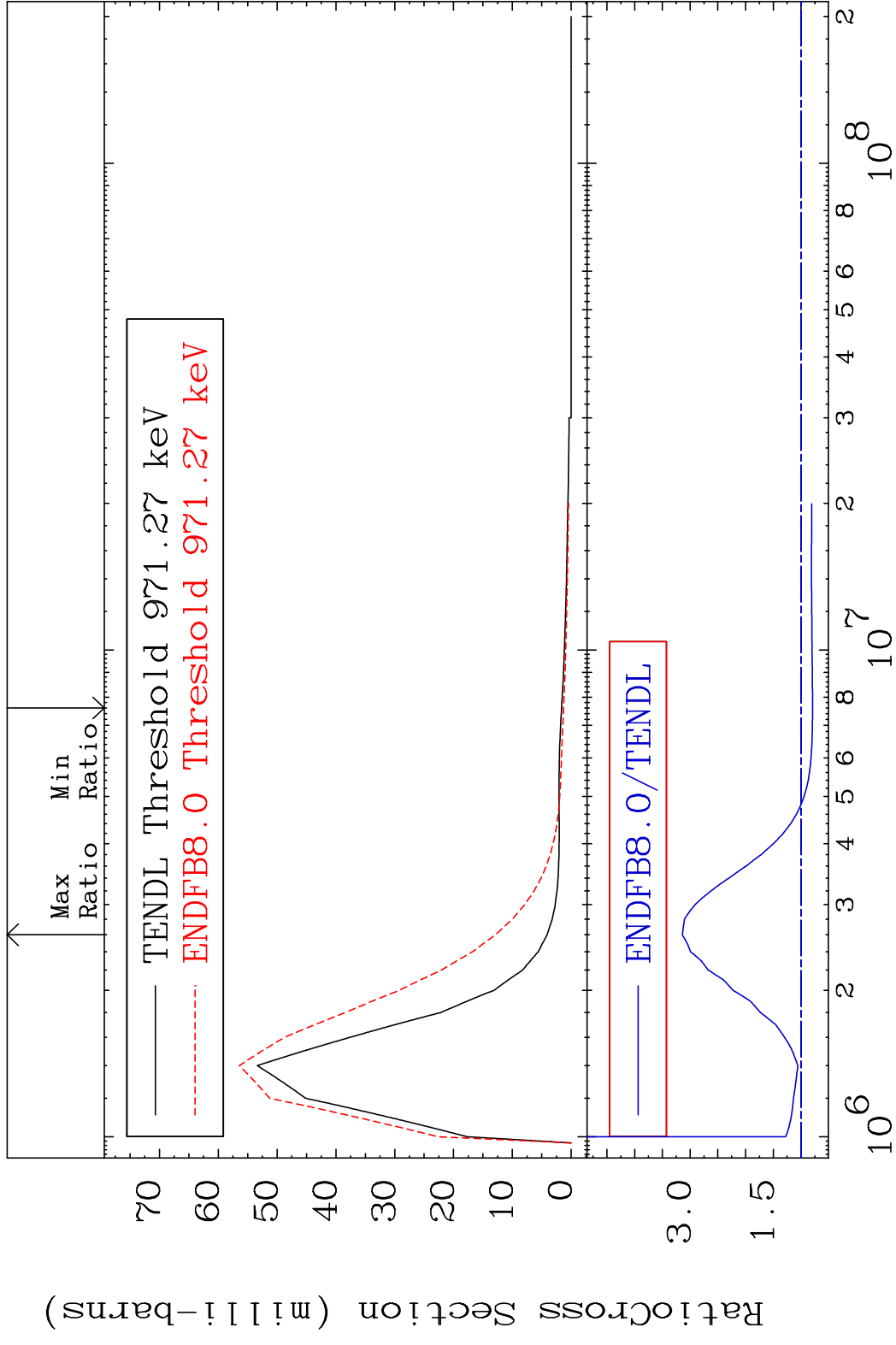


MAT 7525 MT= 67 (n, n') Level 75-Re-185
 Cross Section -43.18 To 203.7 %



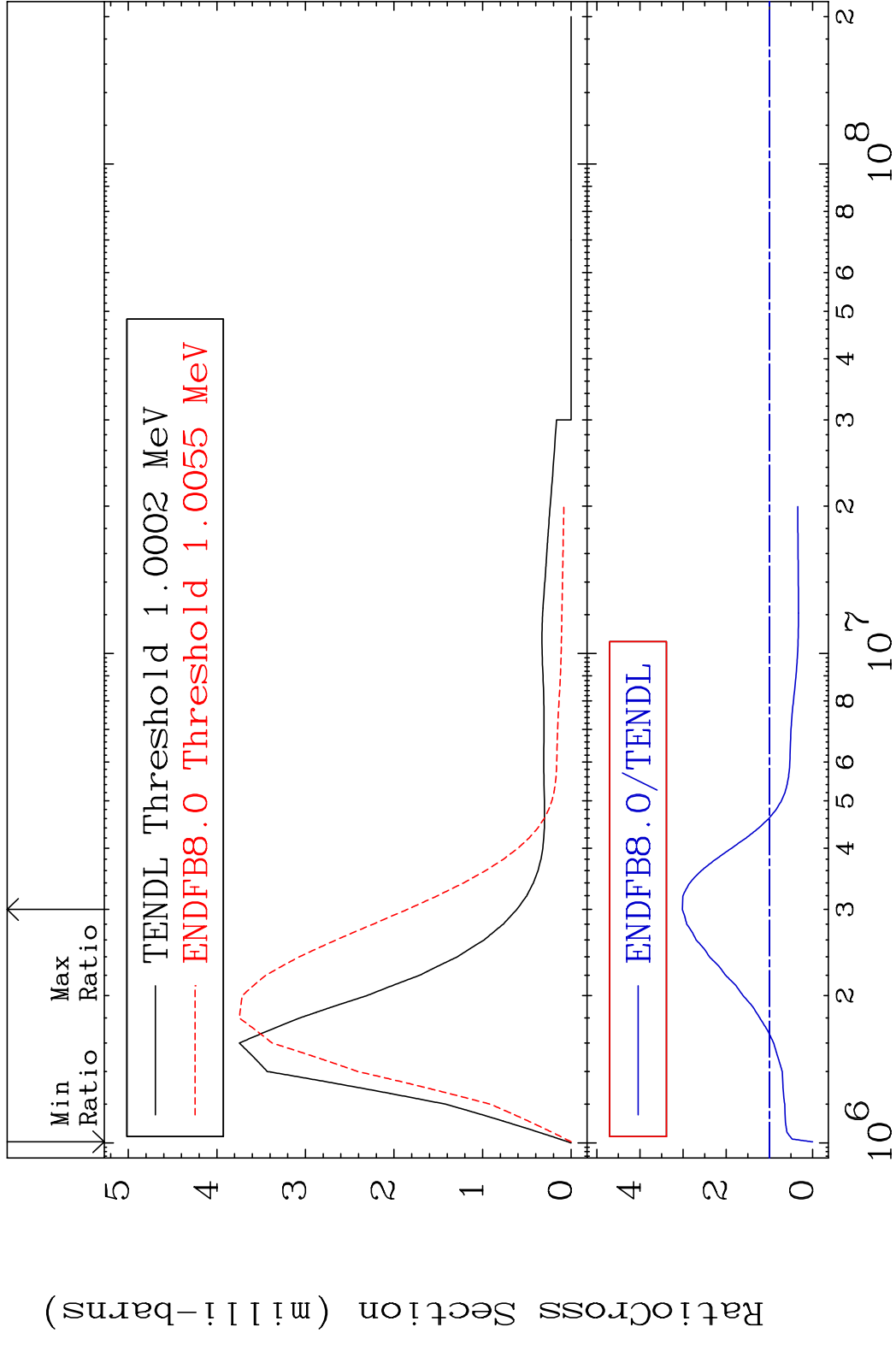
24 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 68 (n,n') Level 75-Re-185
 Cross Section -20.78 To 214.0 %



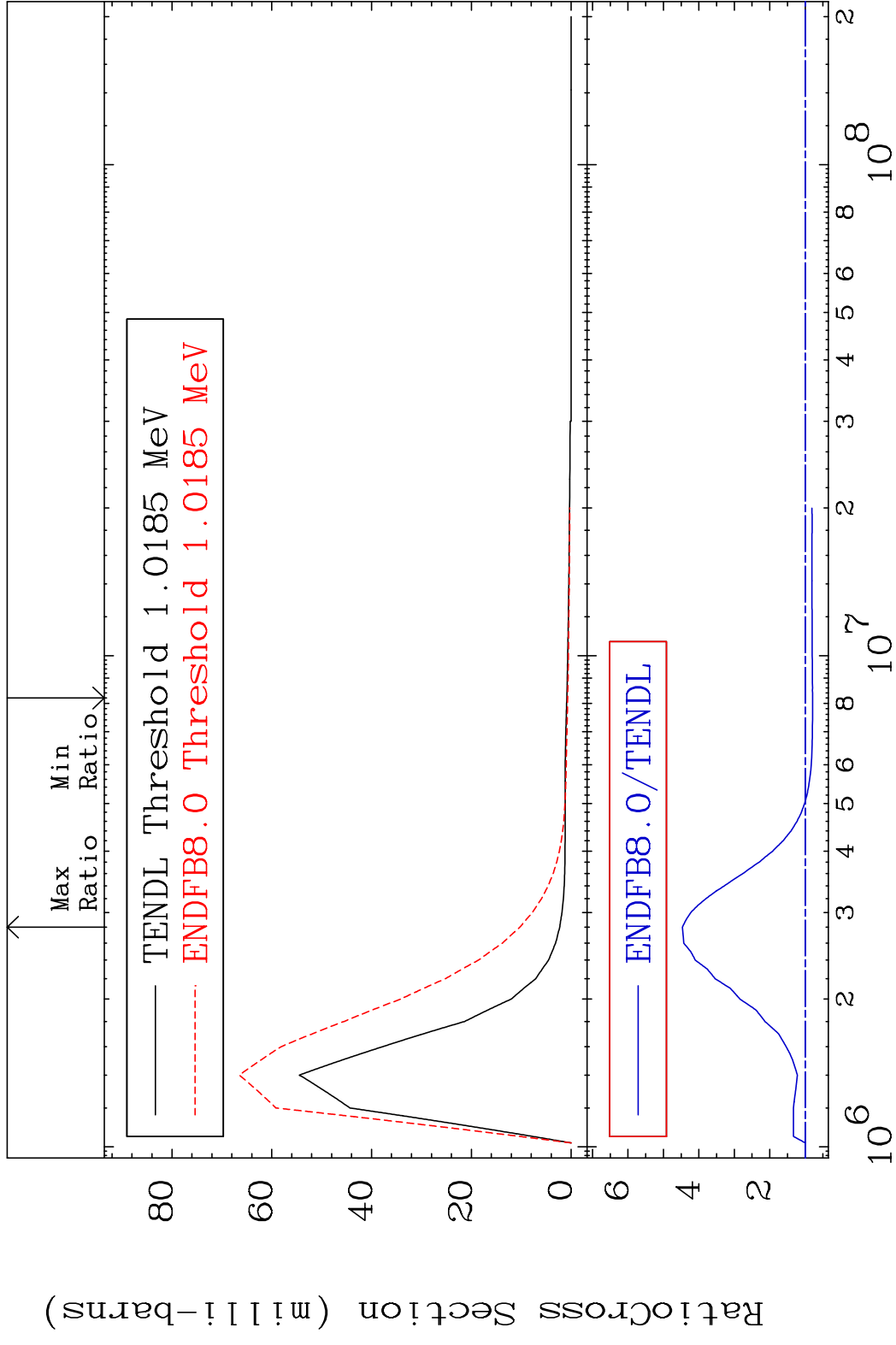
25 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 69 (n, n') Level 75-Re-185
 Cross Section -100.0 To 201.8 %



26 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 70 (n,n') Level 75-Re-185
 Cross Section -20.73 To 346.6 %



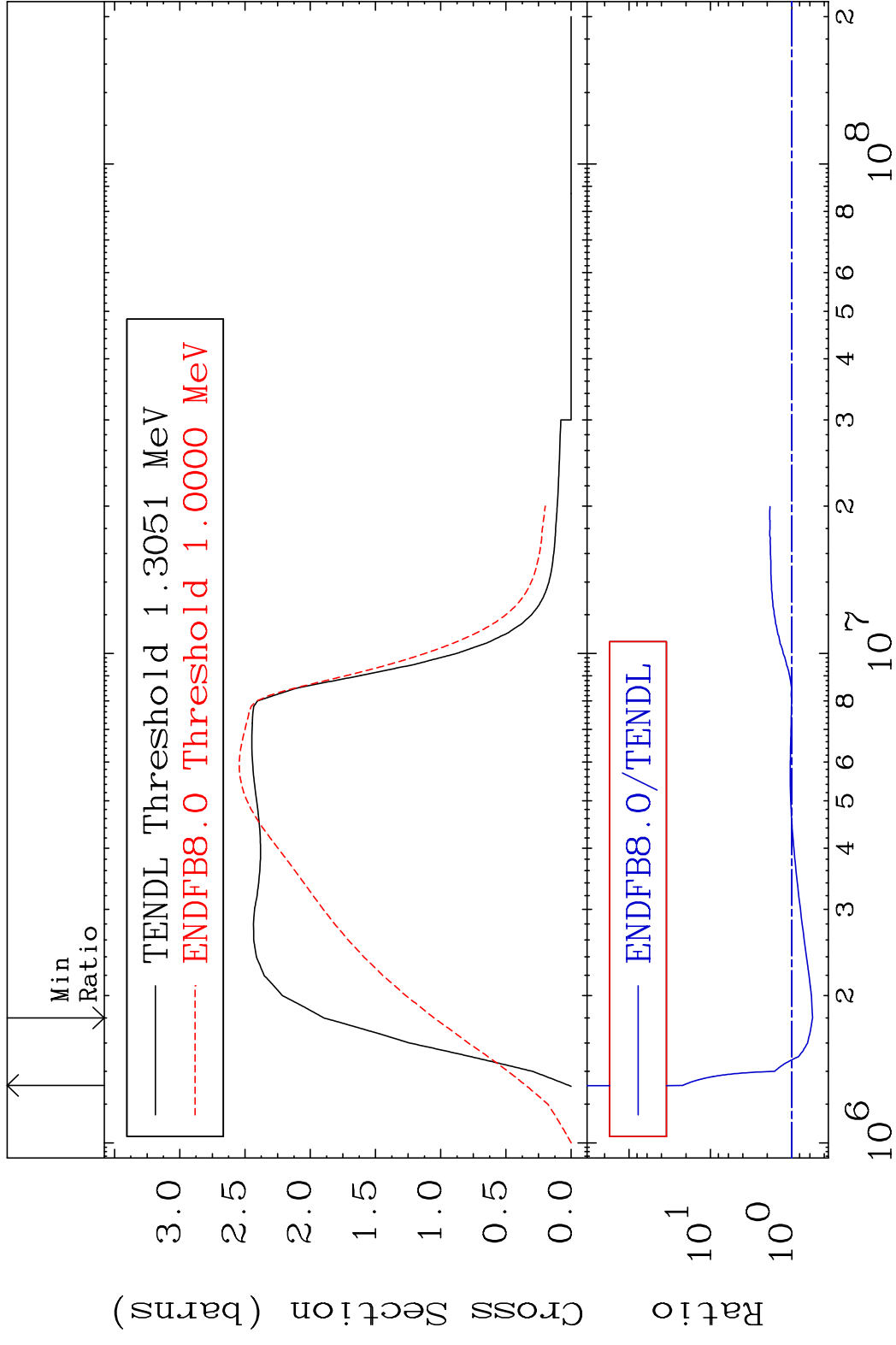
27 Incident Energy (eV) 75-Re-185

MAT 7525

(n, n') Continuum

75-Re-185

Cross Section -44.47 To 2114. %



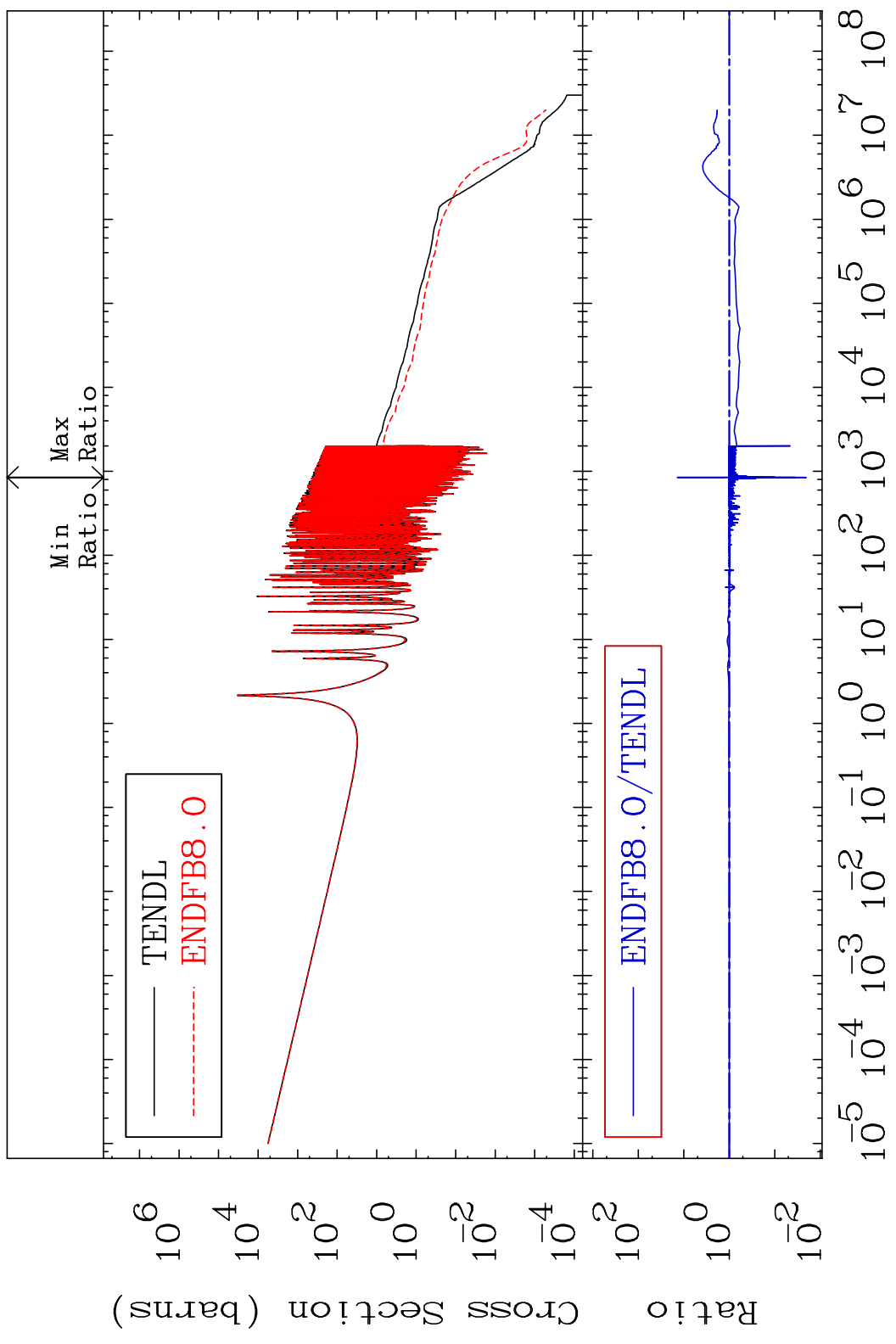
28

Incident Energy (eV)

75-Re-185

MAT 7525

(n, γ)
Cross Section -97.99 To 1298. %
75-Re-185

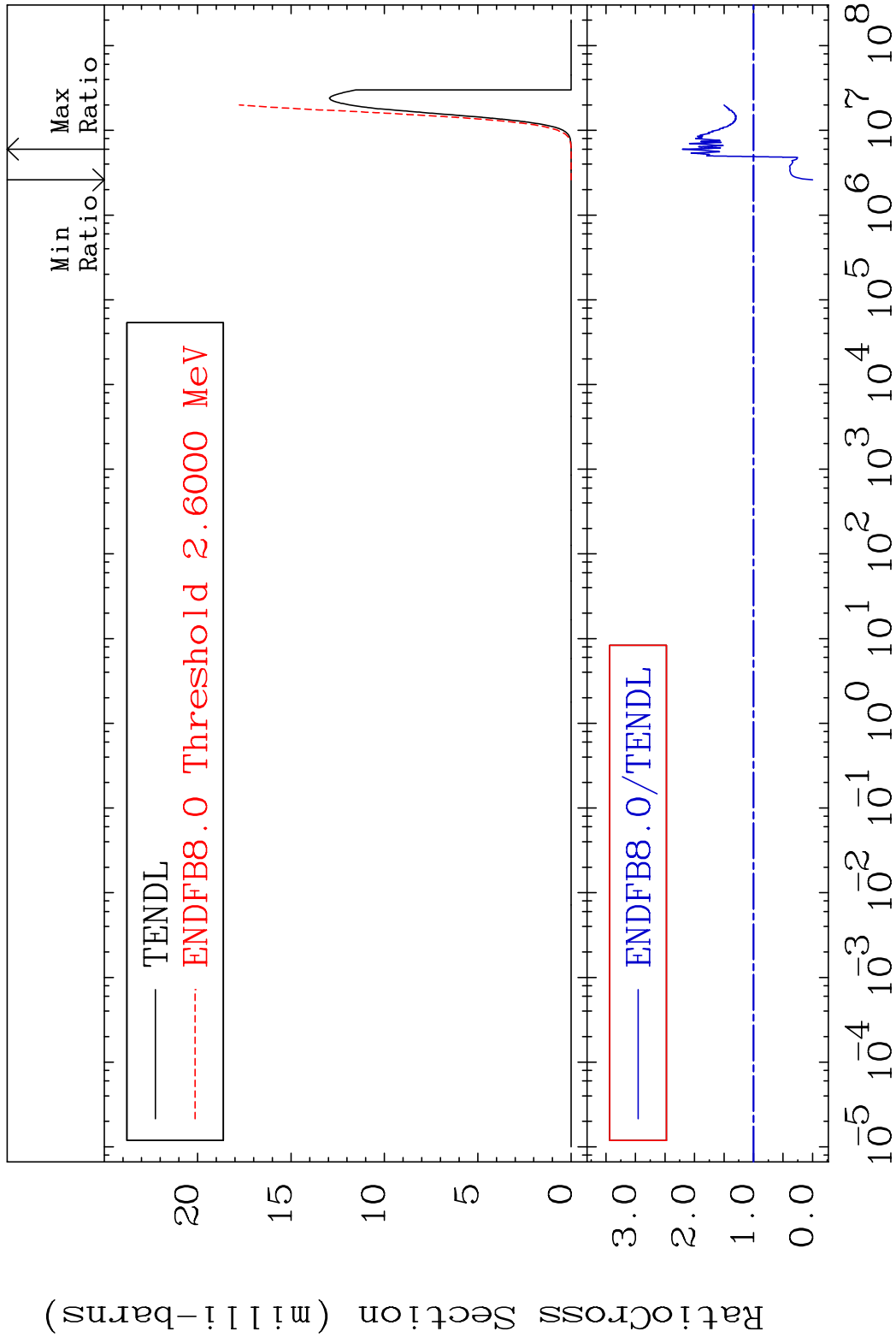


MAT 7525

(n, p)

75-Re-185

Cross Section -100.0 To 120.6 %

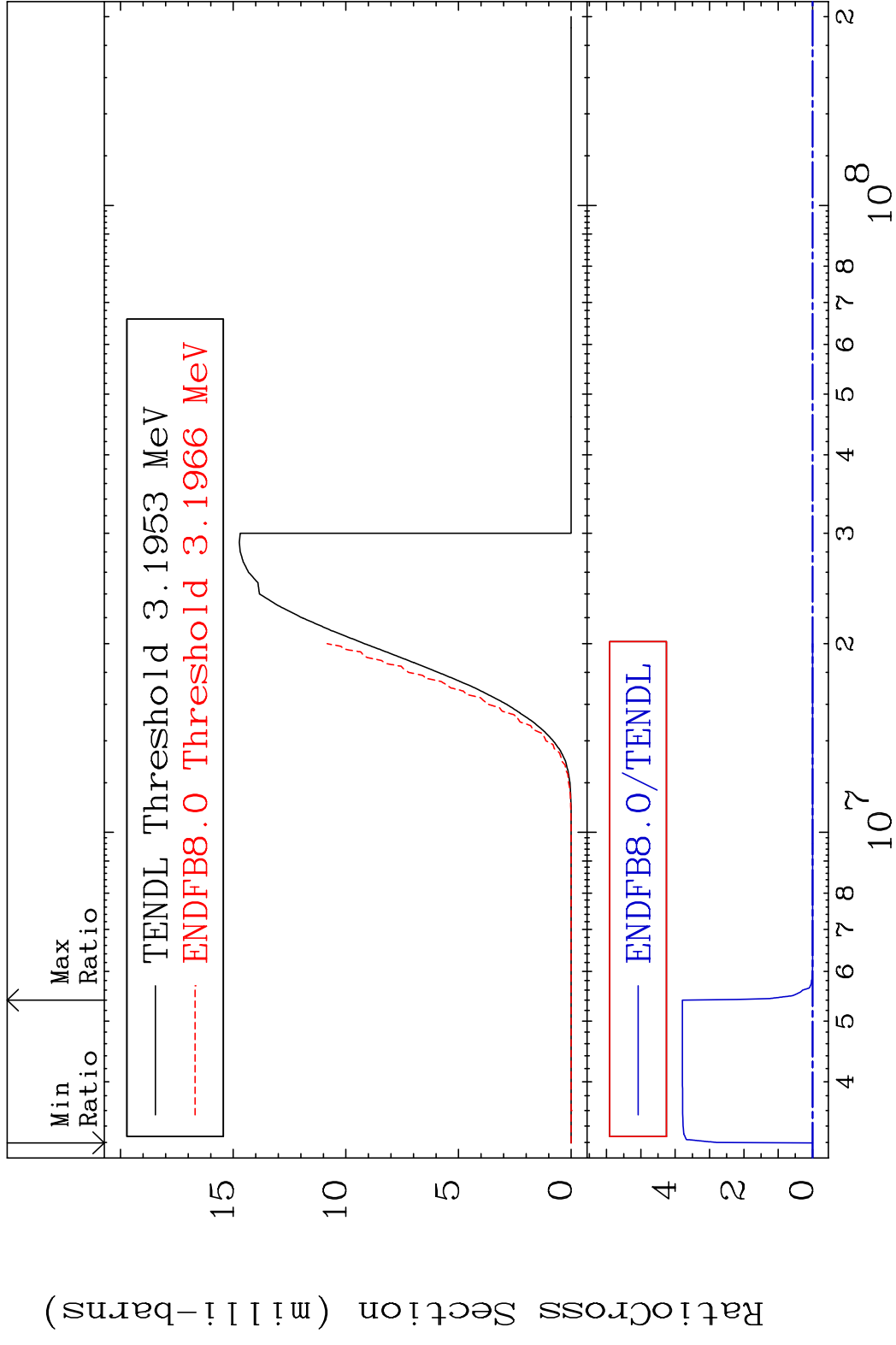


30

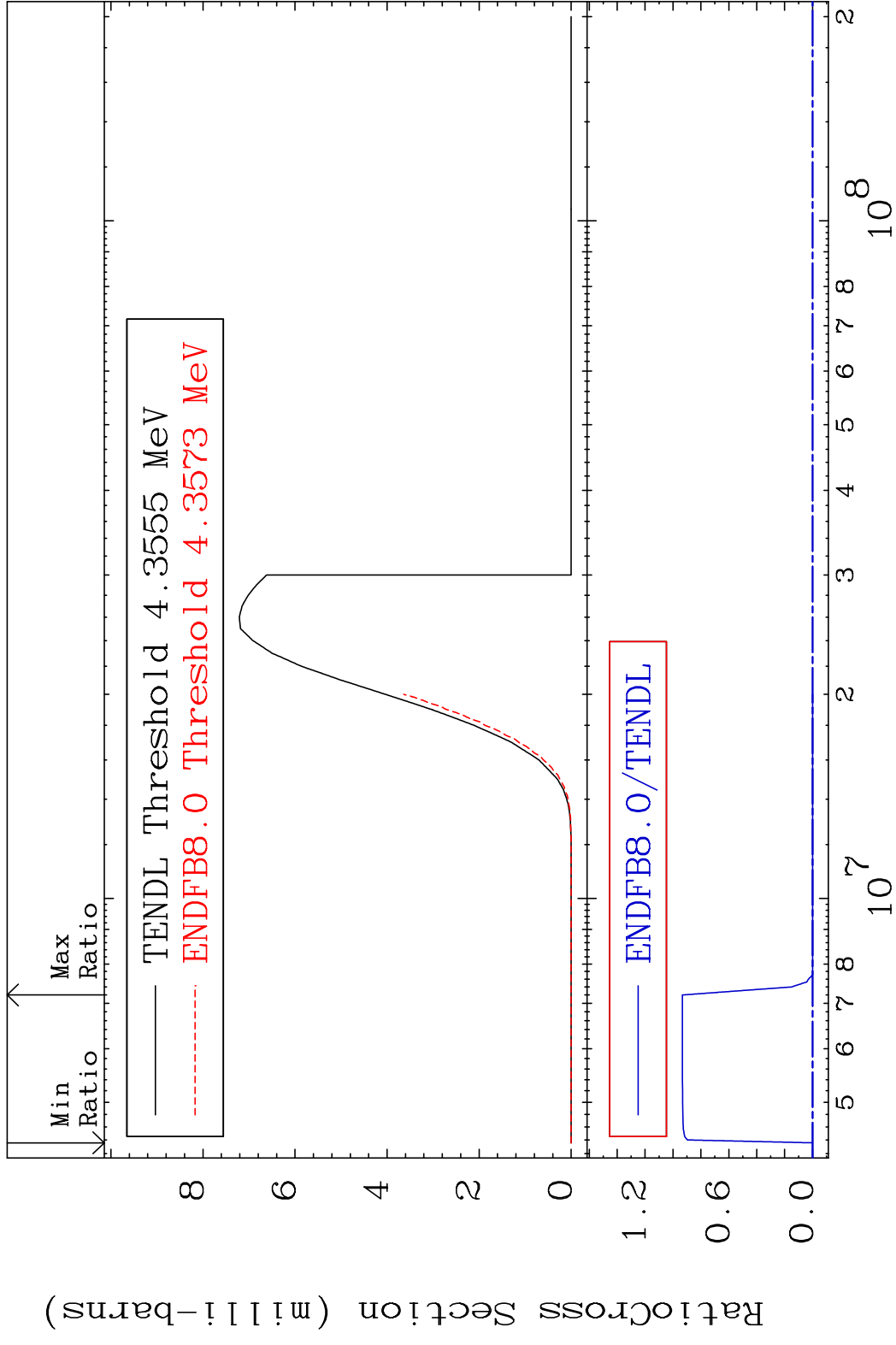
Incident Energy (eV)

75-Re-185

MAT 7525 (n,d) 75-Re-185
 Cross Section -100.0 To 9999. %



MAT 7525 (n, t) 75-Re-185
 Cross Section -100.0 To 9999. %

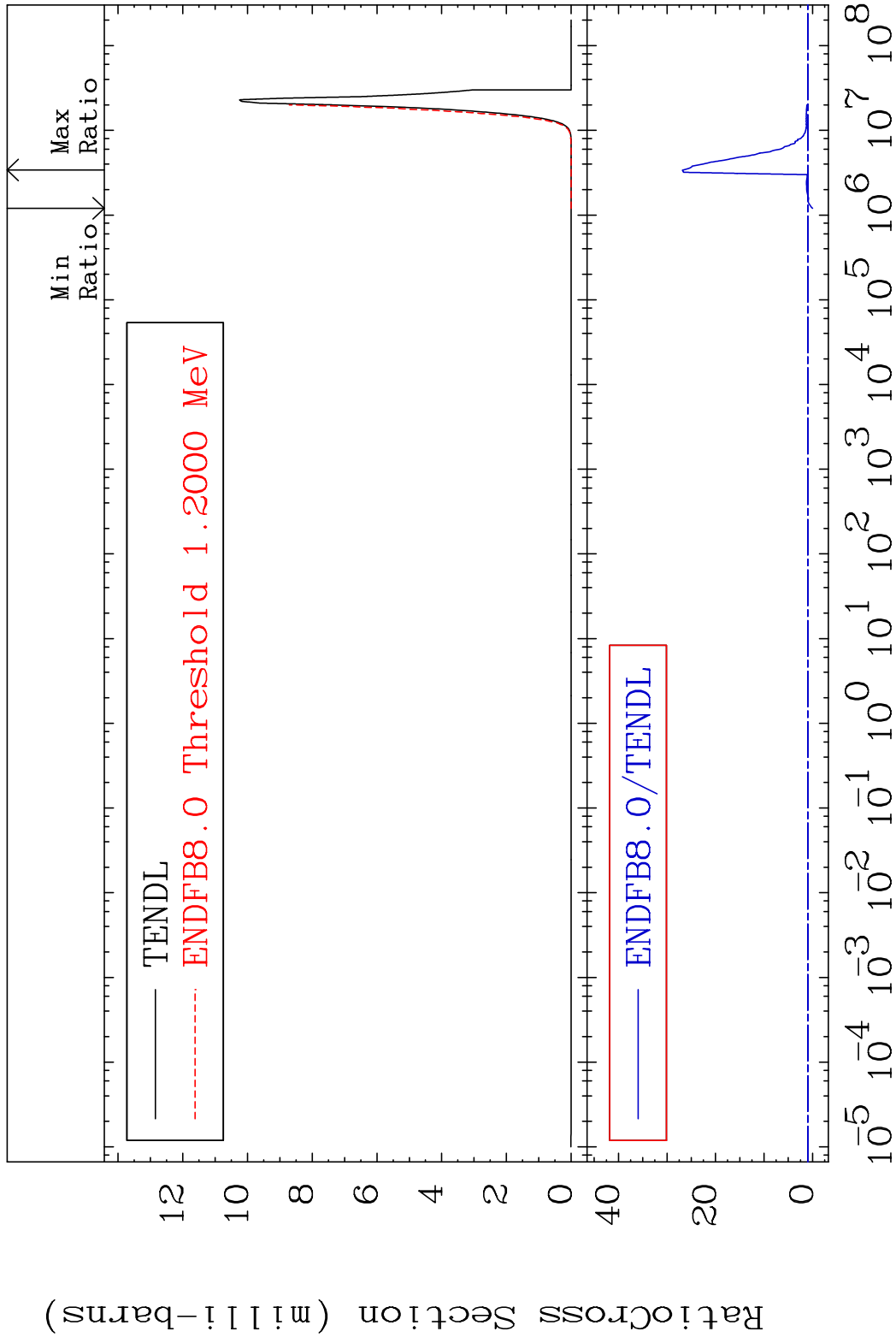


MAT 7525

(n, α)

75-Re-185

Cross Section -100.0 To 2584. %



33

Incident Energy (eV)

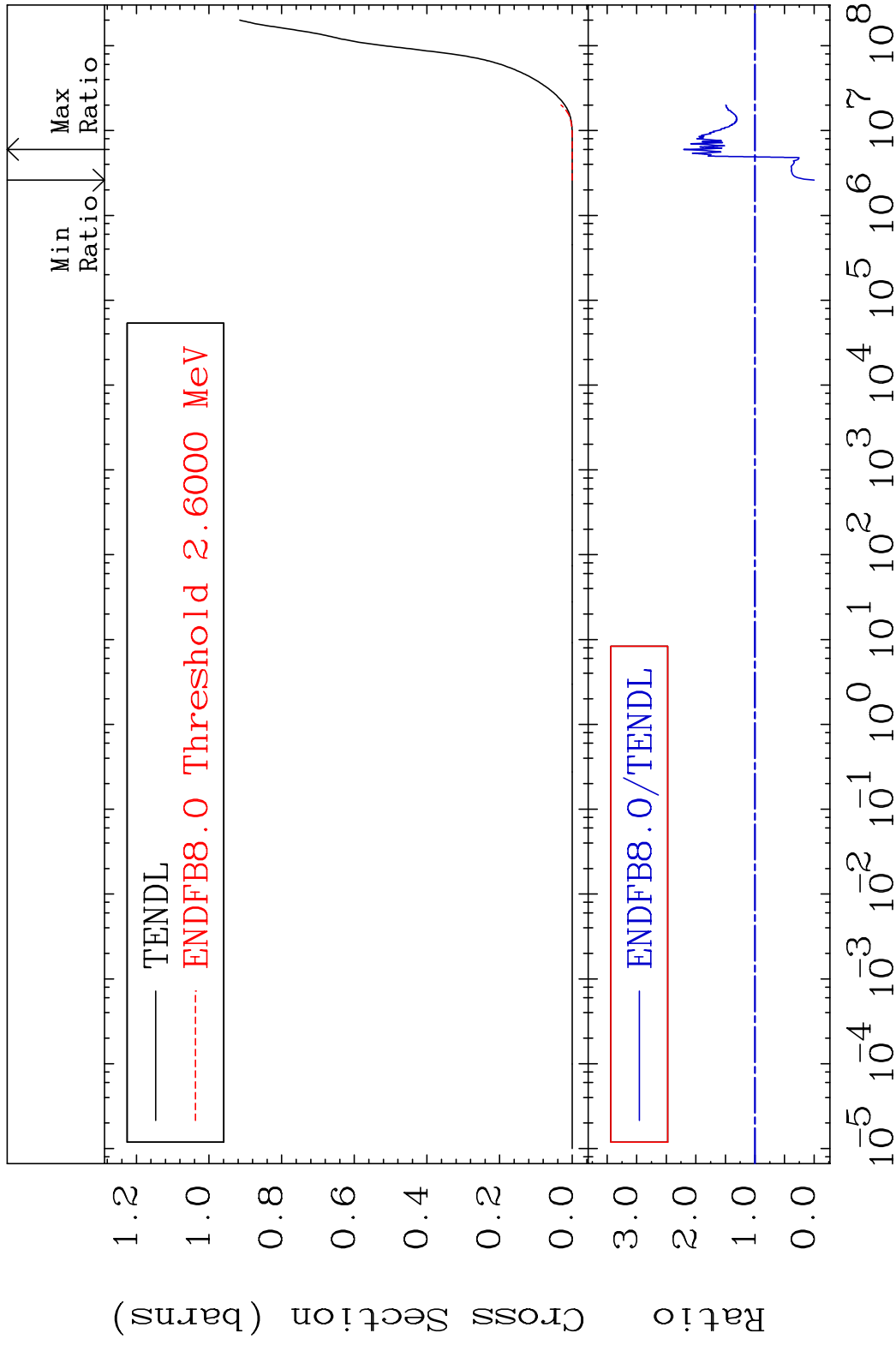
75-Re-185

MAT 7525

Hydrogen Production

75-Re-185

Cross Section -100.0 To 120.6 %

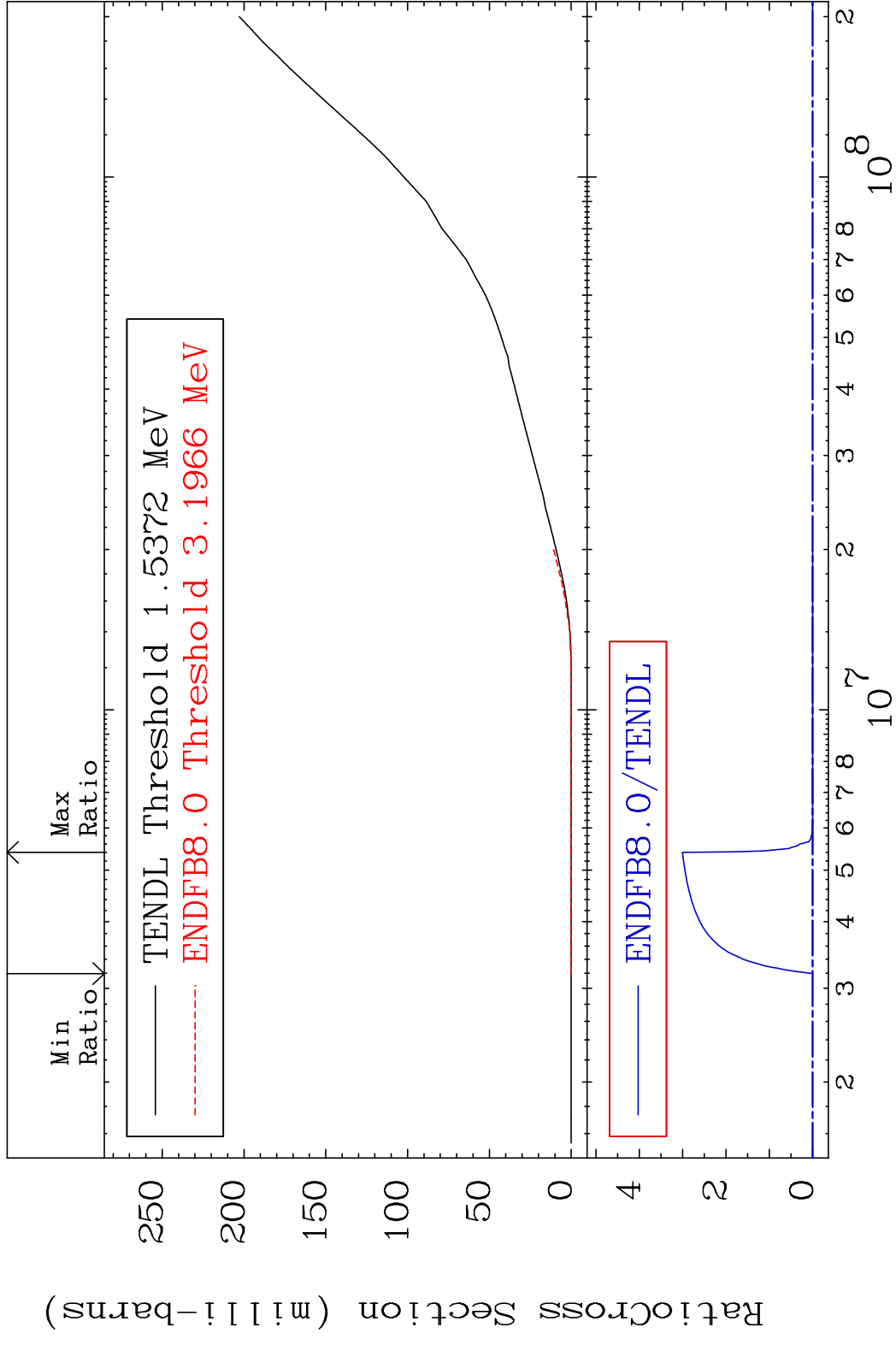


34

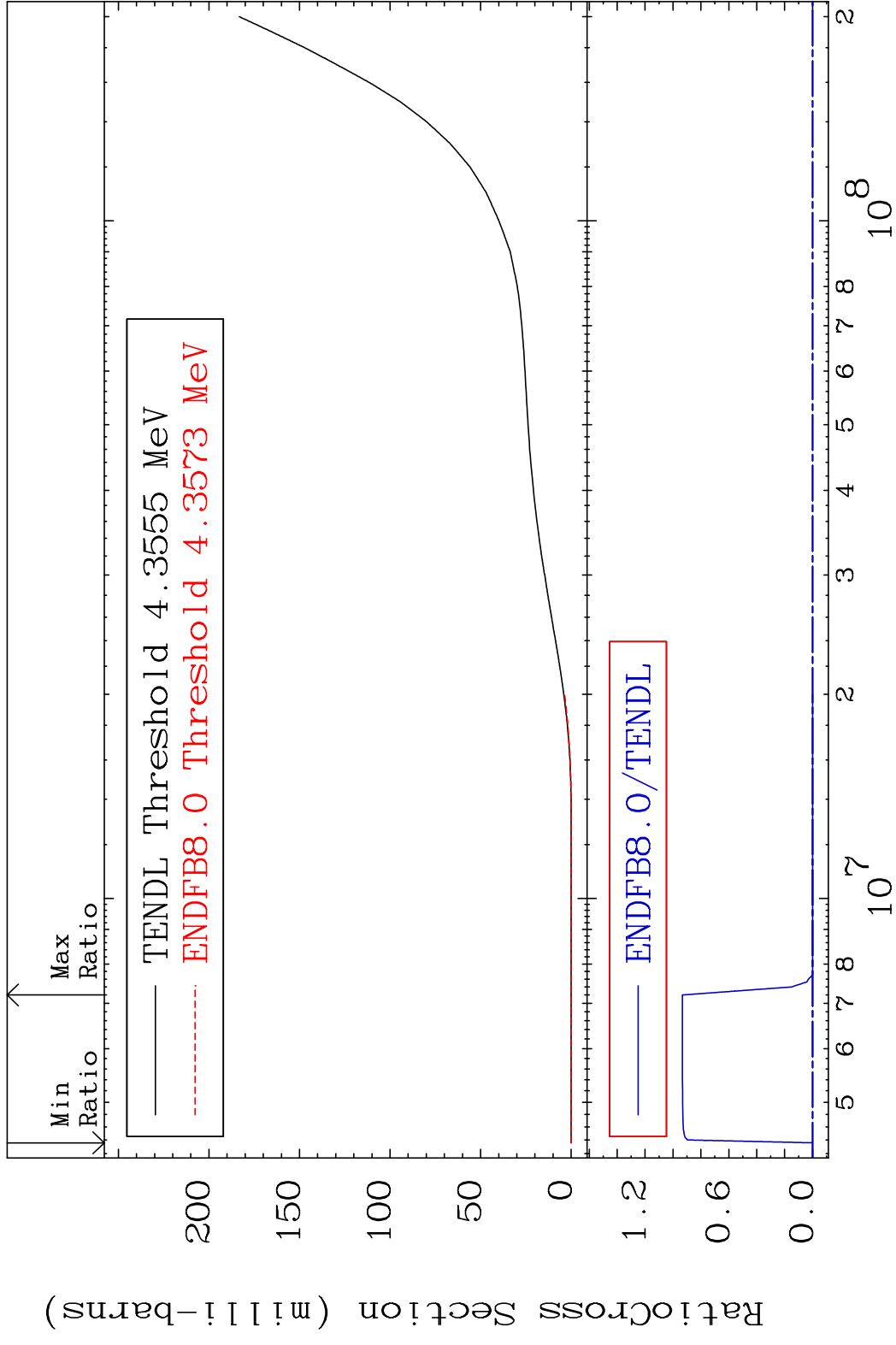
Incident Energy (eV)

75-Re-185

MAT 7525 Deuterium Production 75-Re-185
 Cross Section -100.0 To 9999. %



MAT 7525 Tritium Production 75-Re-185
 Cross Section -100.0 To 9999. %

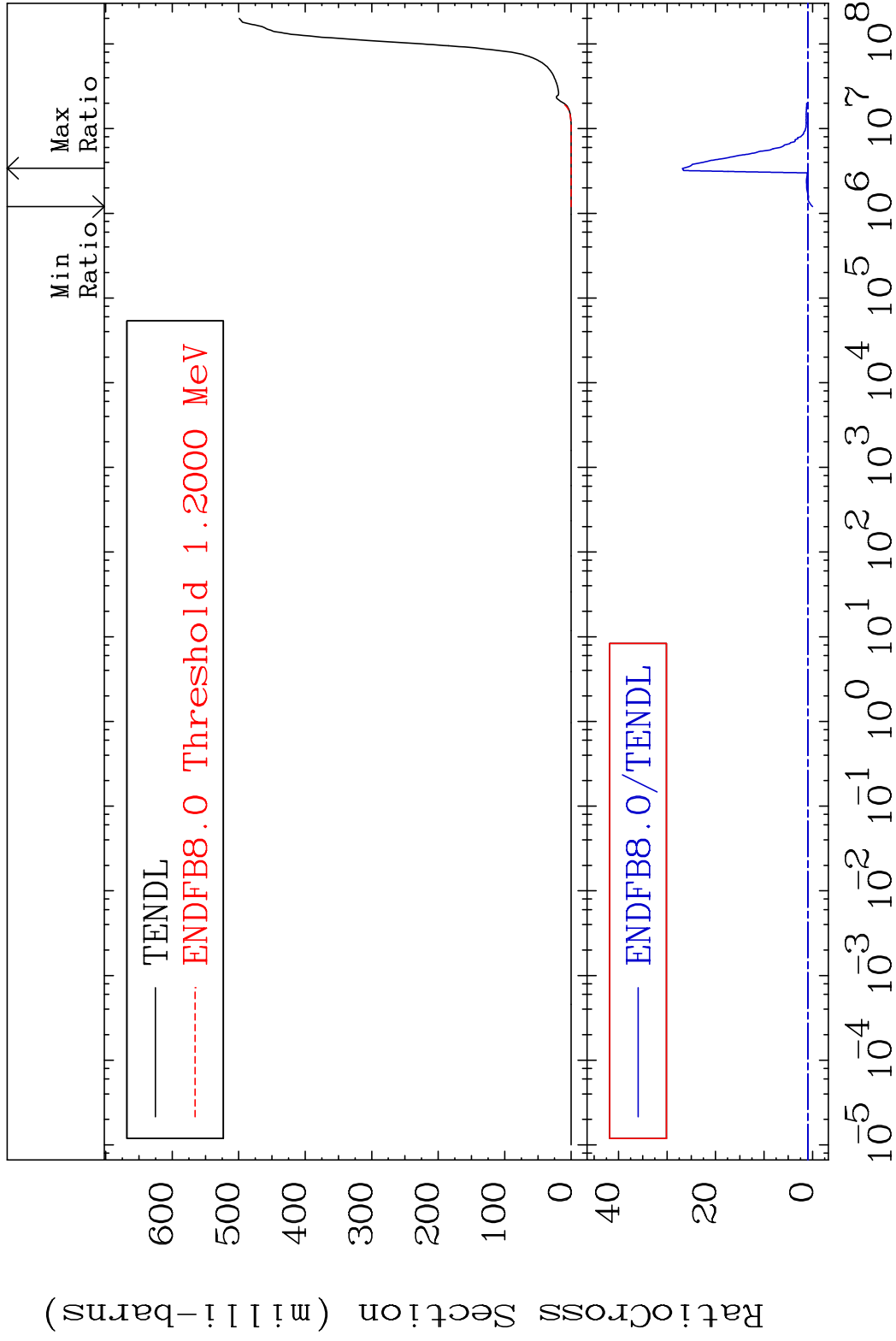


MAT 7525

He-4 Production

75-Re-185

Cross Section -100.0 To 2584. %

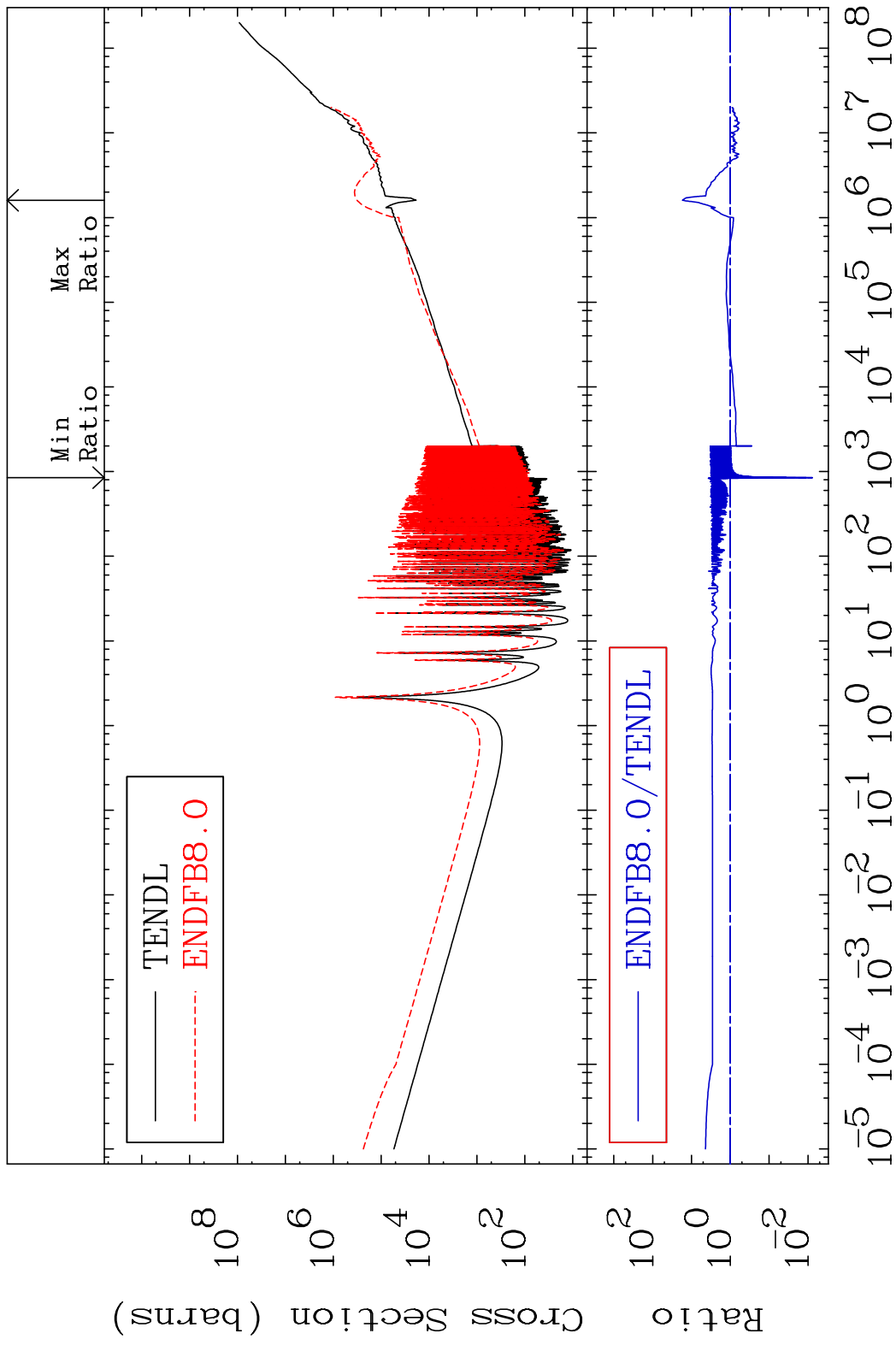


37

Incident Energy (eV)

75-Re-185

MAT 7525 Kerma total (eV-barns) 75-Re-185
 Cross Section -99.24 To 1618. %

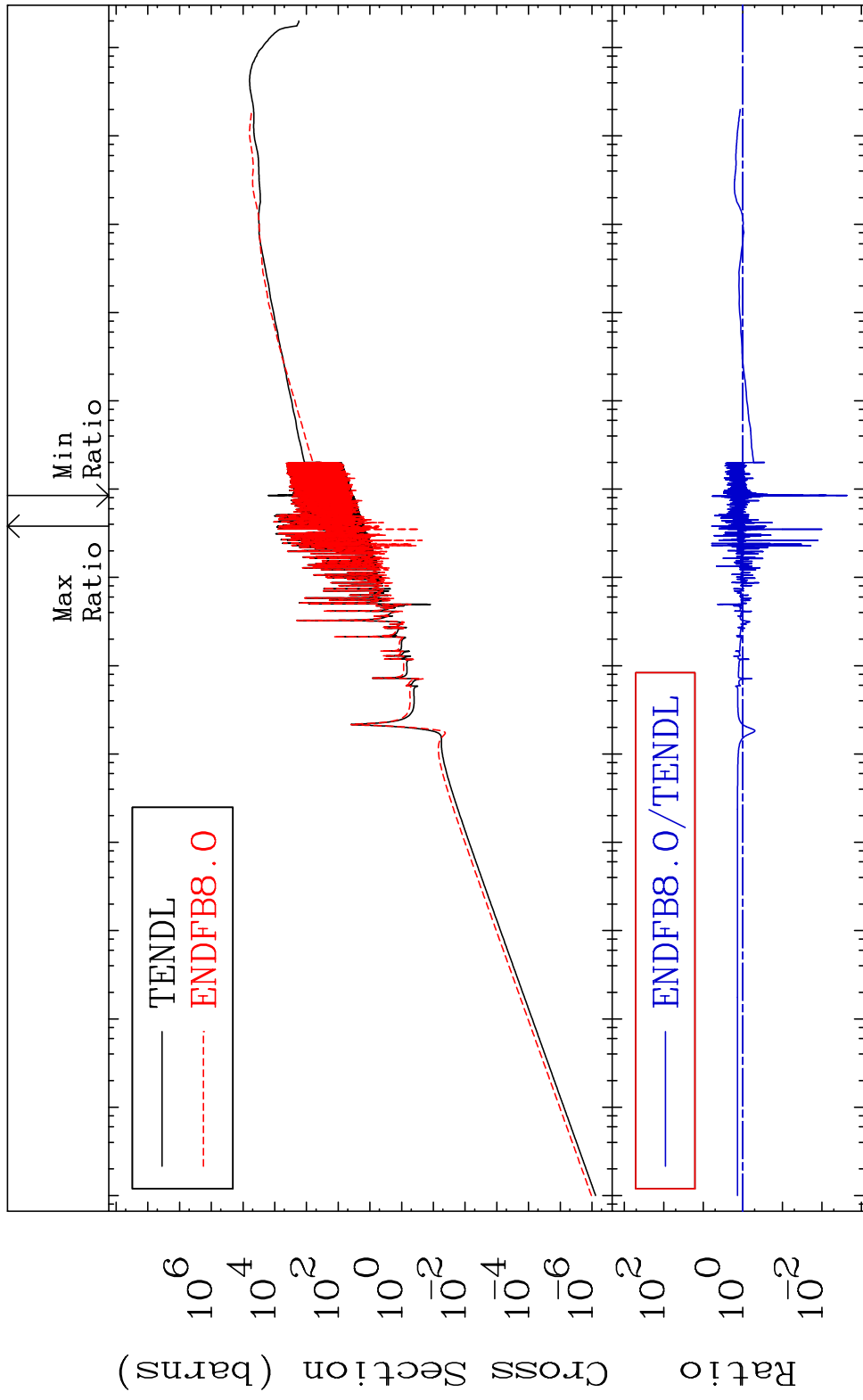


MAT 7525

Kerma elastic

75-Re-185

Cross Section -99.777 To 520.4 %



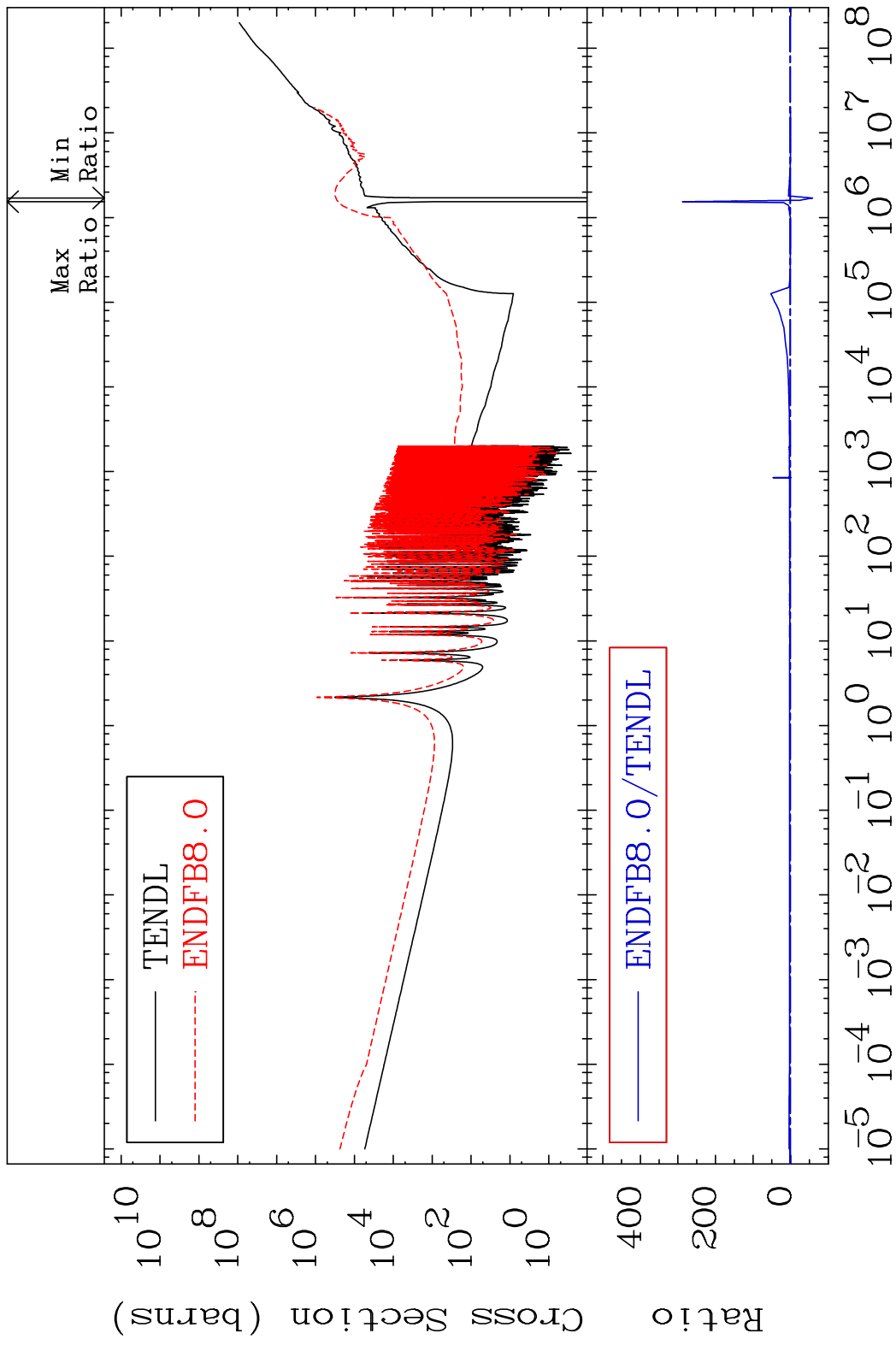
Ratio

39

Incident Energy (eV)

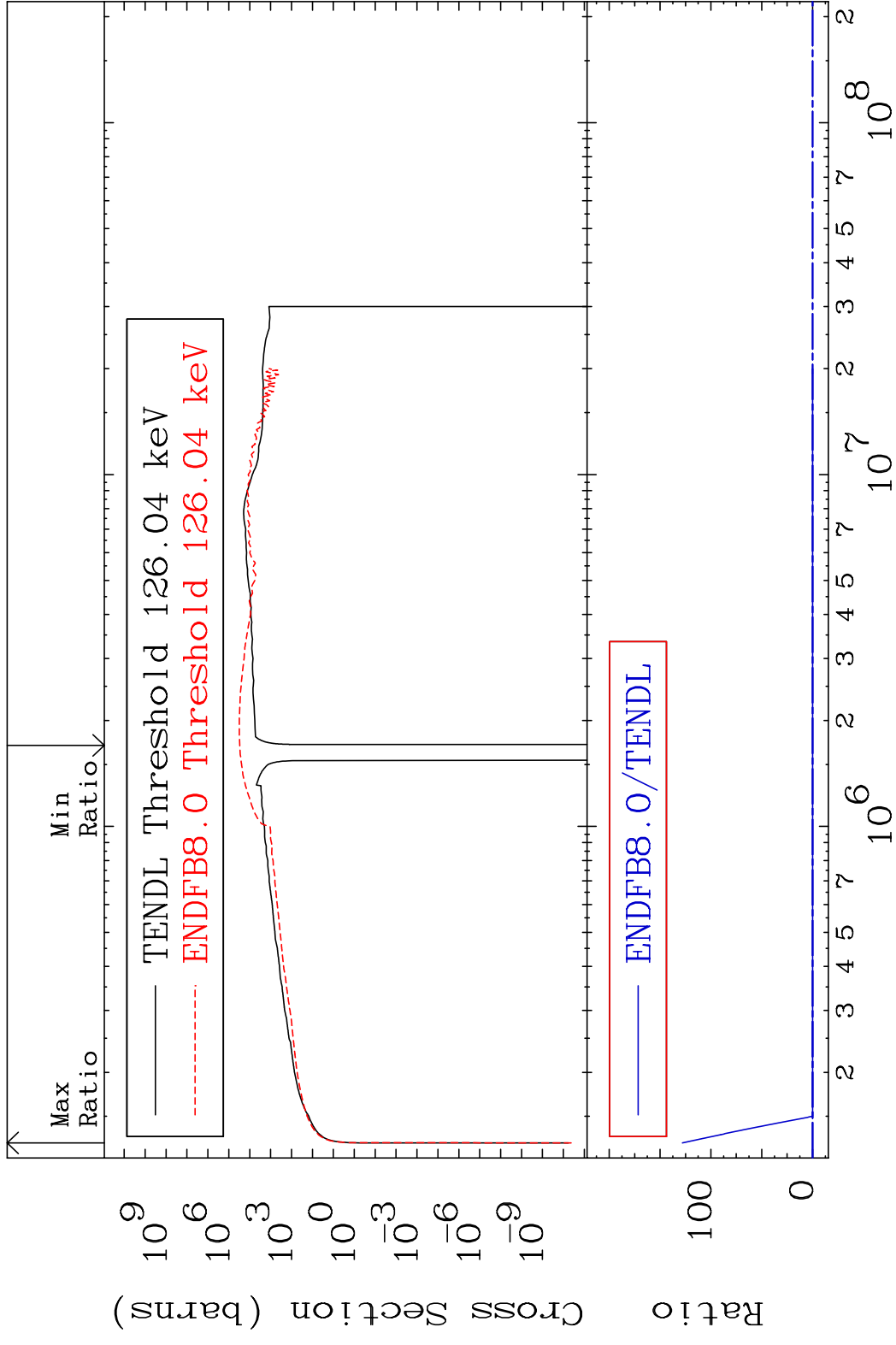
75-Re-185

MAT 7525 Kerma non-elastic (all but mt2) 75-Re-185
Cross Section -5923. To 9999. %

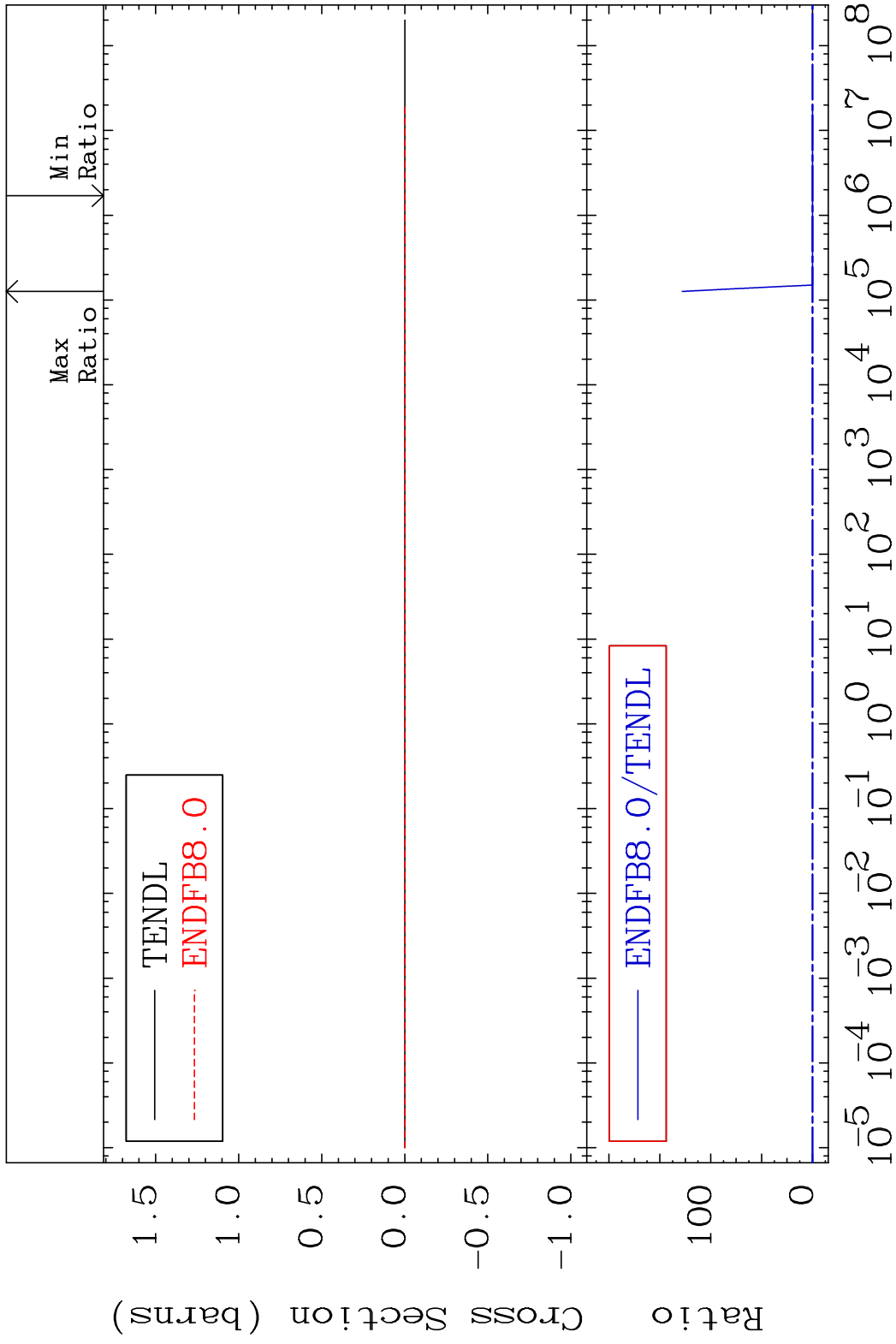


40 Incident Energy (eV) 75-Re-185

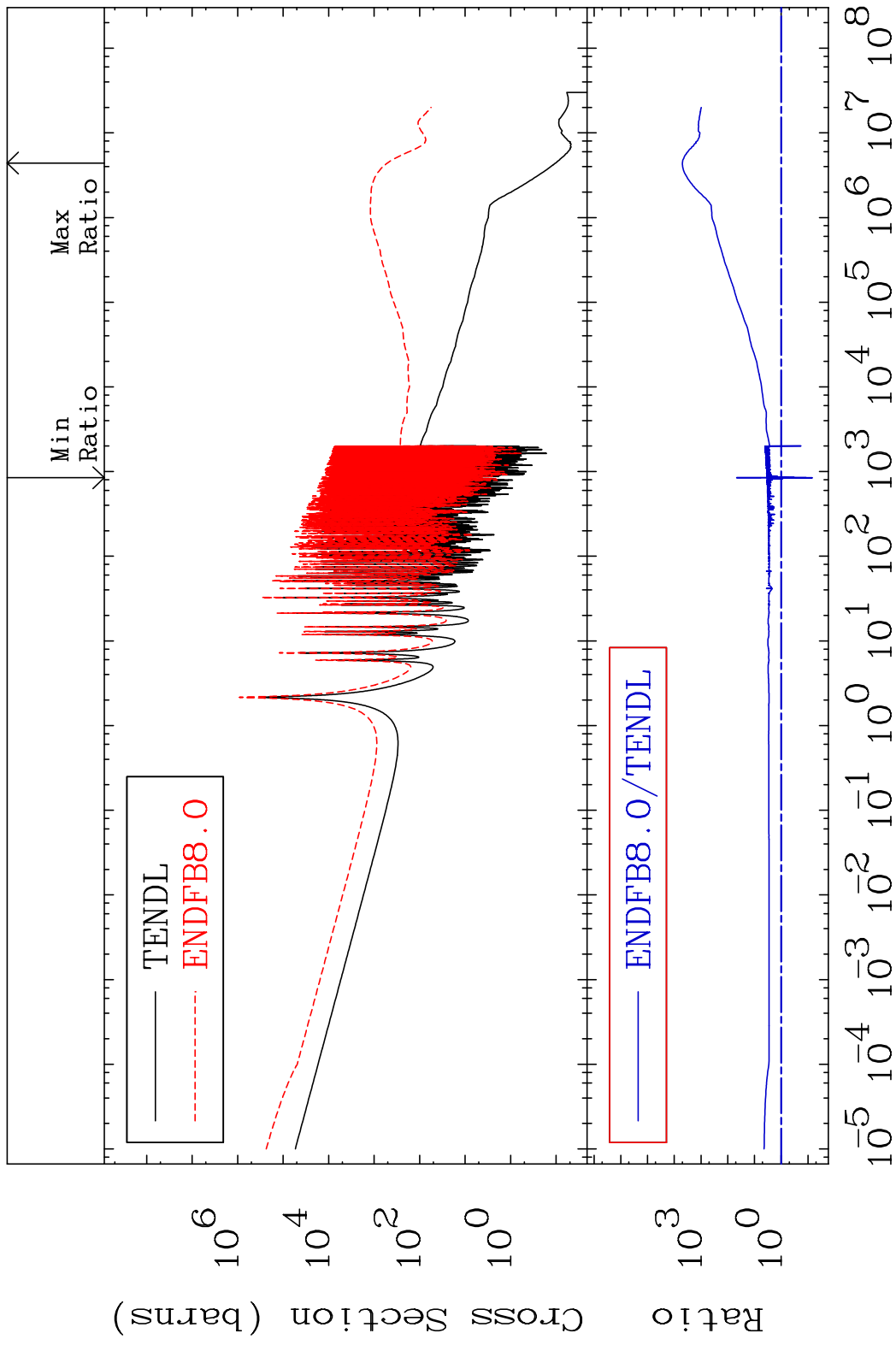
MAT 7525 Kerma inelastic (mt51-91) 75-Re-185
 Cross Section -5897. To 9999. %



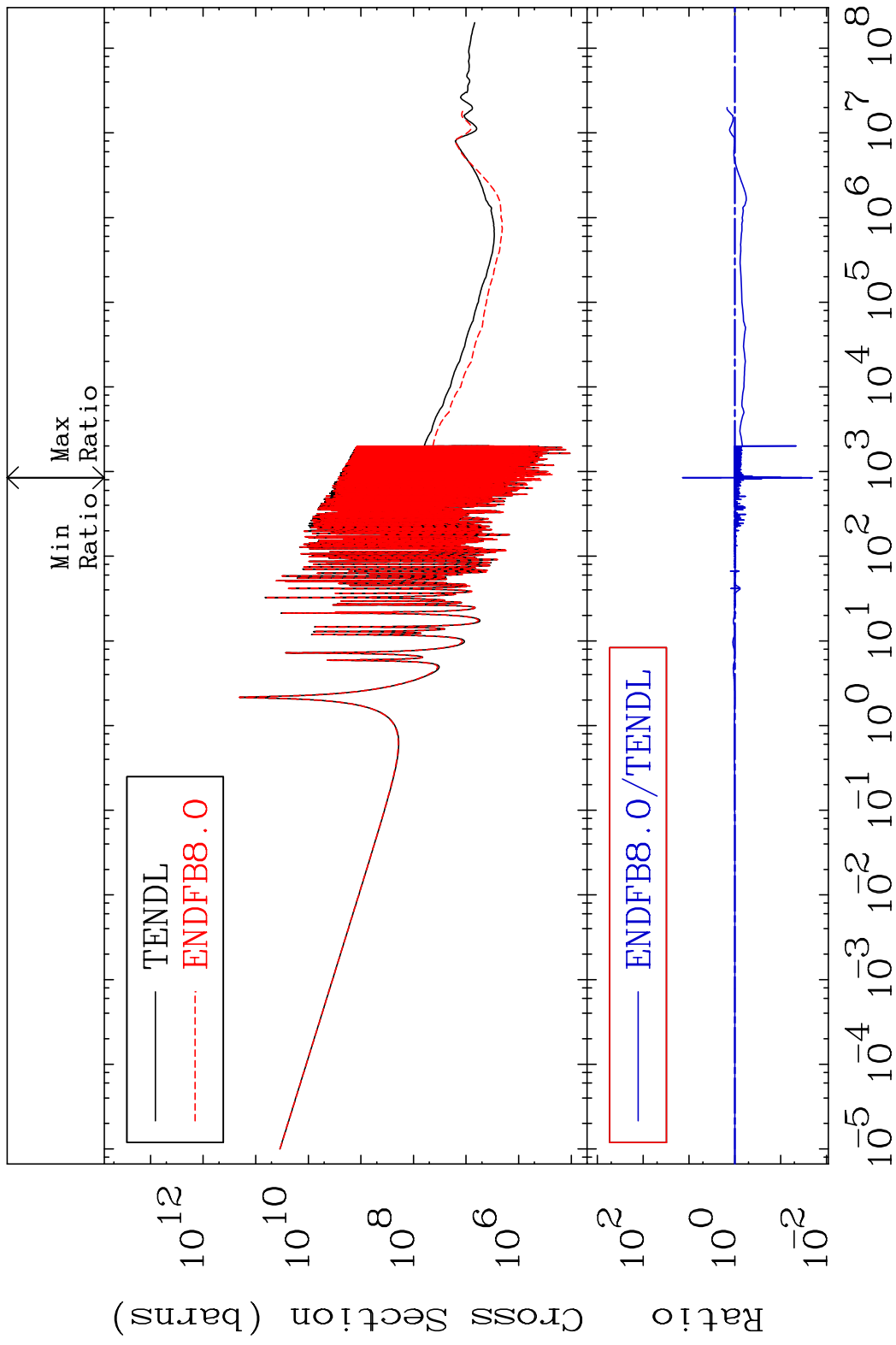
MAT 7525 Kerma fission (mt18 or mt19-20-21-38)75-Re-185
 Cross Section -5897. To 9999. %



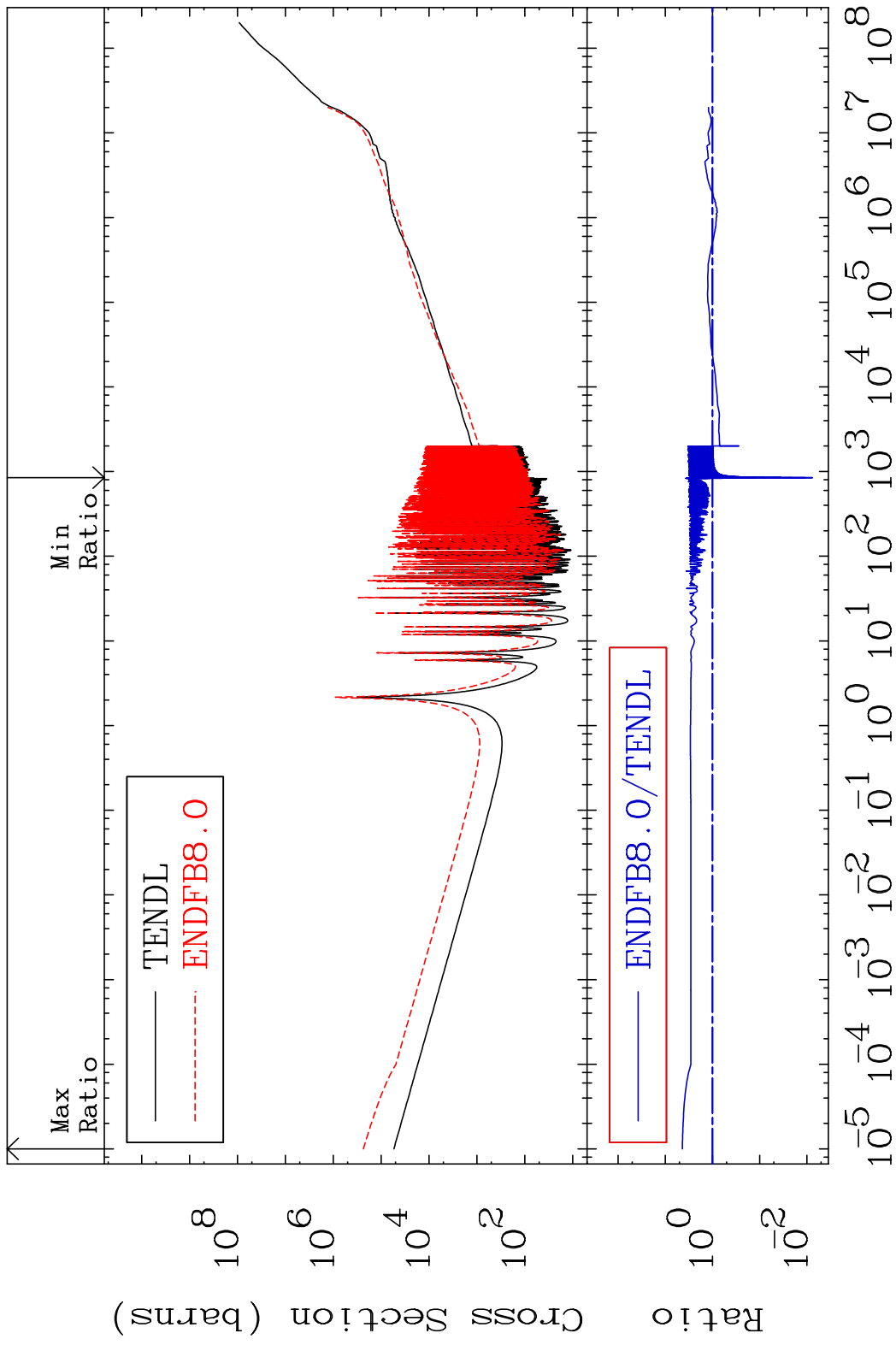
MAT 7525 Kerma capture (mt102) 75-Re-185
 Cross Section -93.28 To 9999. %



MAT 7525 Total photon (eV-barns) 75-Re-185
 Cross Section -97.99 To 1298. %



MAT 7525 Total kinematic kerma (high limit) 75-Re-185
Cross Section -99.24 To 334.3 %

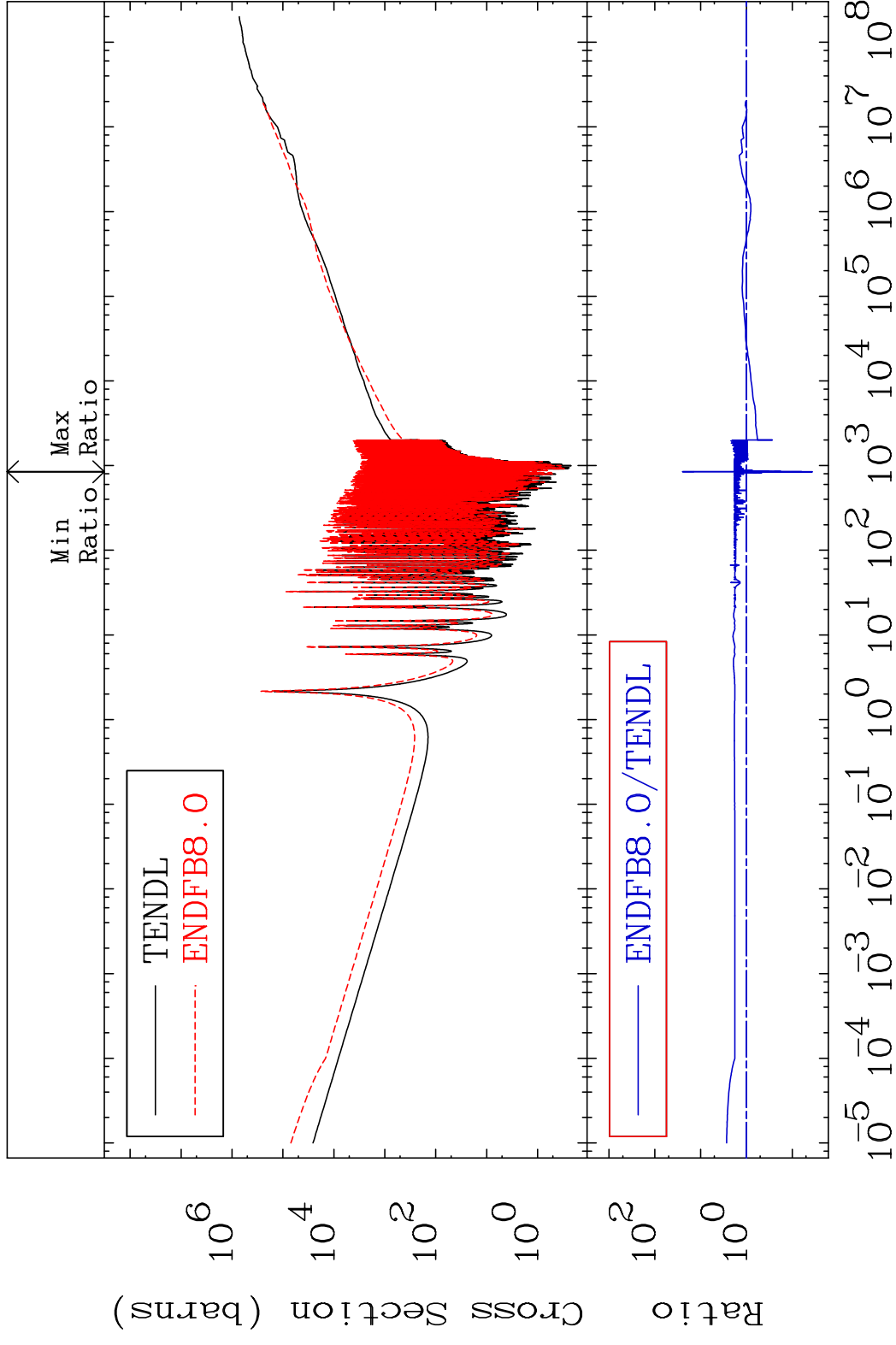


MAT 7525

Dpa total (eV-barns)

75-Re-185

Cross Section -96.40 To 2407. %

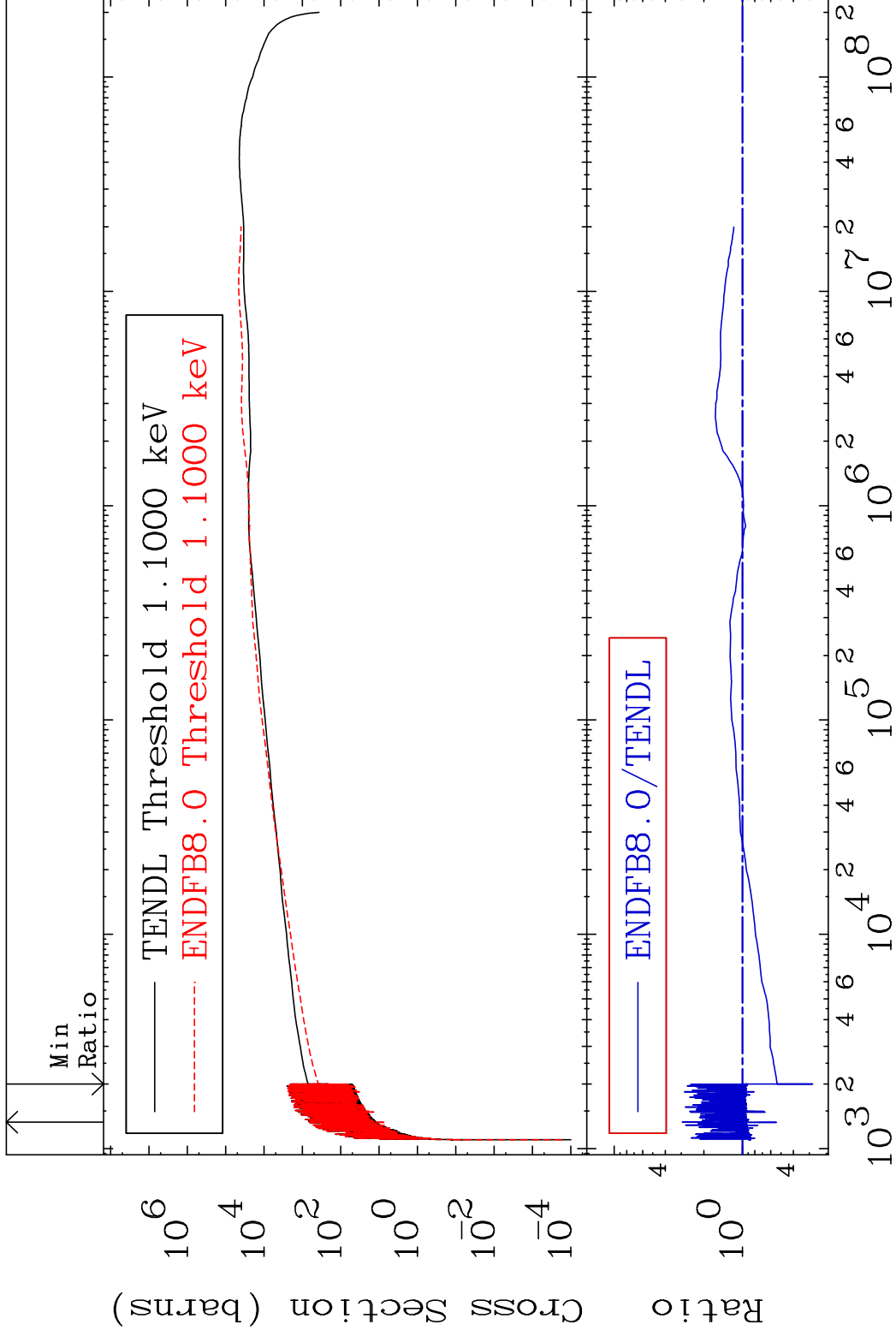


MAT 7525

Dpa elastic (mt2)

75-Re-185

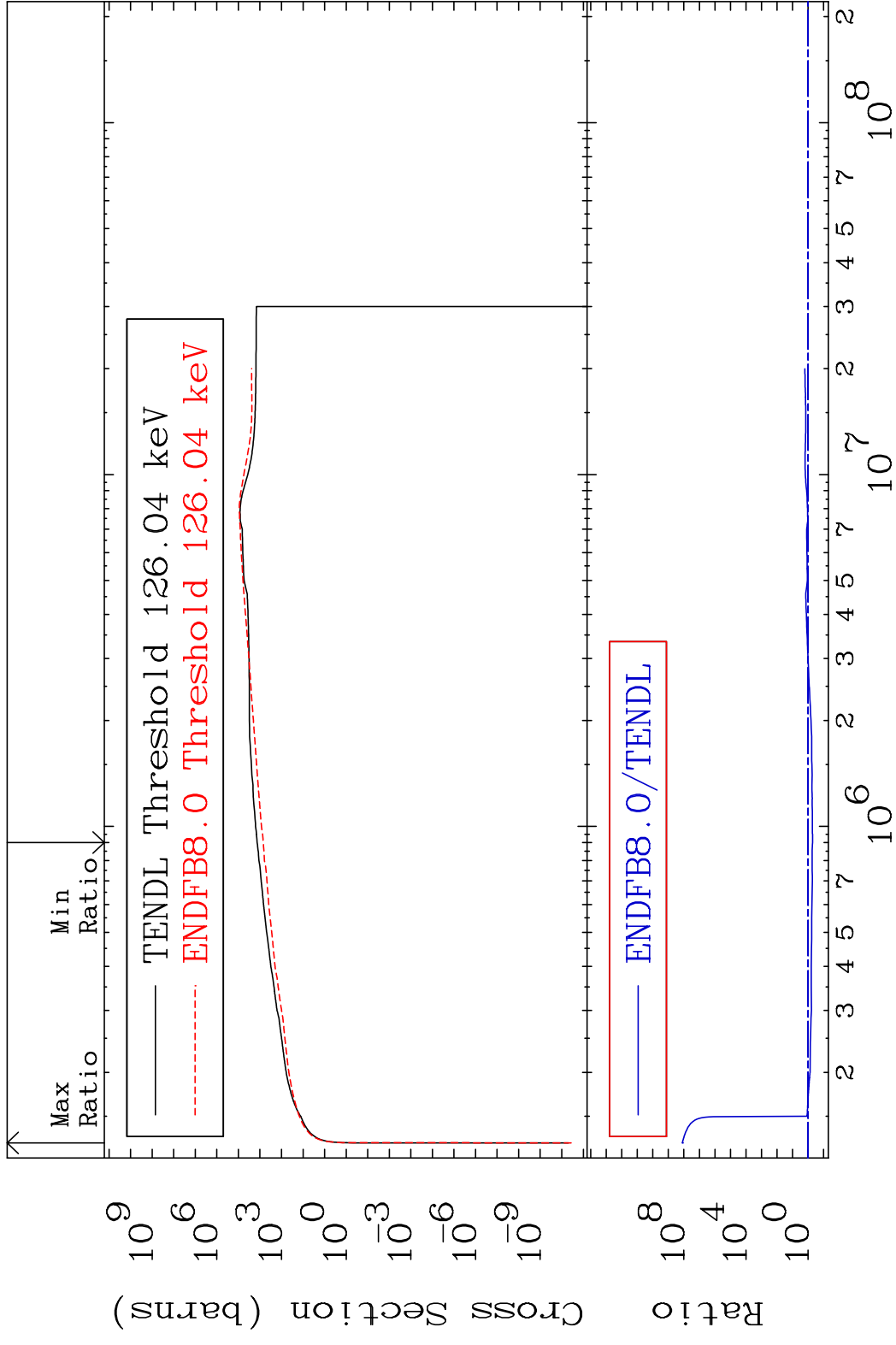
Cross Section -71.62 To 195.1 %



47

Incident Energy (eV)

75-Re-185



MAT 7525 Dpa disappearance (mt102 -120) 75-Re-185
 Cross Section -96.40 To 2407. %

