

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

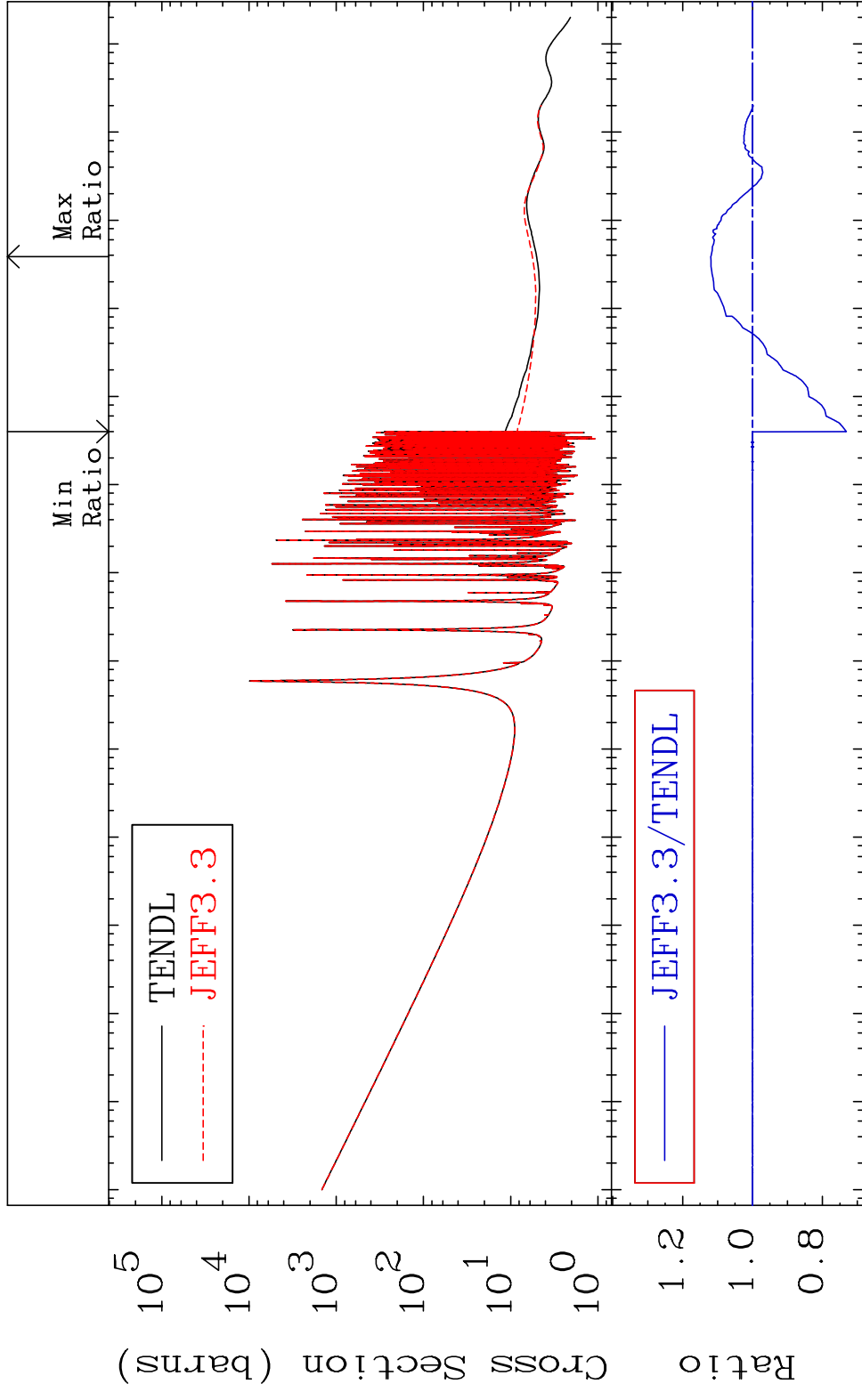
MAT 5525

Total

55-Cs-133

Cross Section

-26.85 To 11.97 %



1

Incident Energy (eV)

55-Cs-133

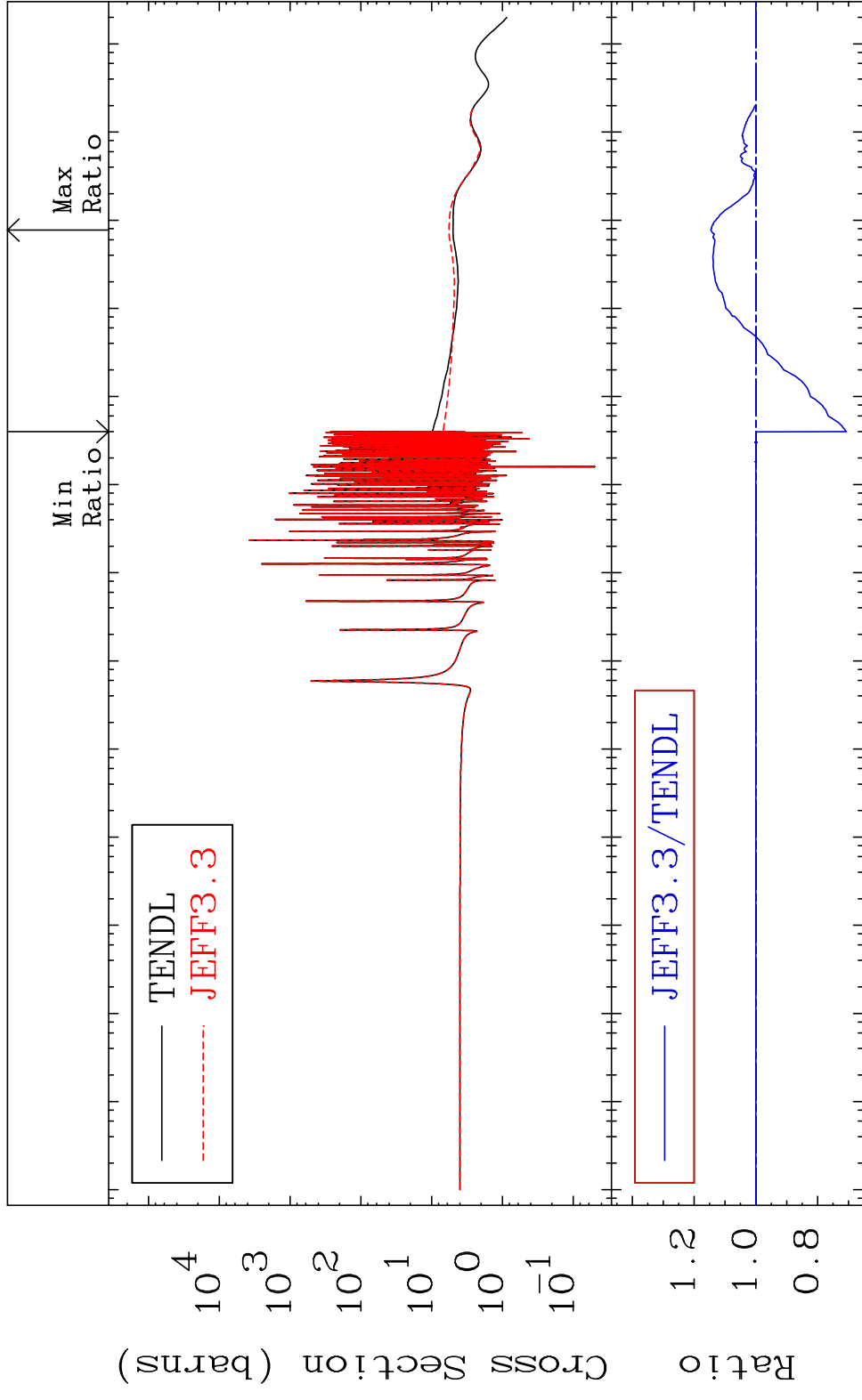
MAT 5525

Elastic

55-Cs-133

Cross Section

-29.26 To 14.63 %

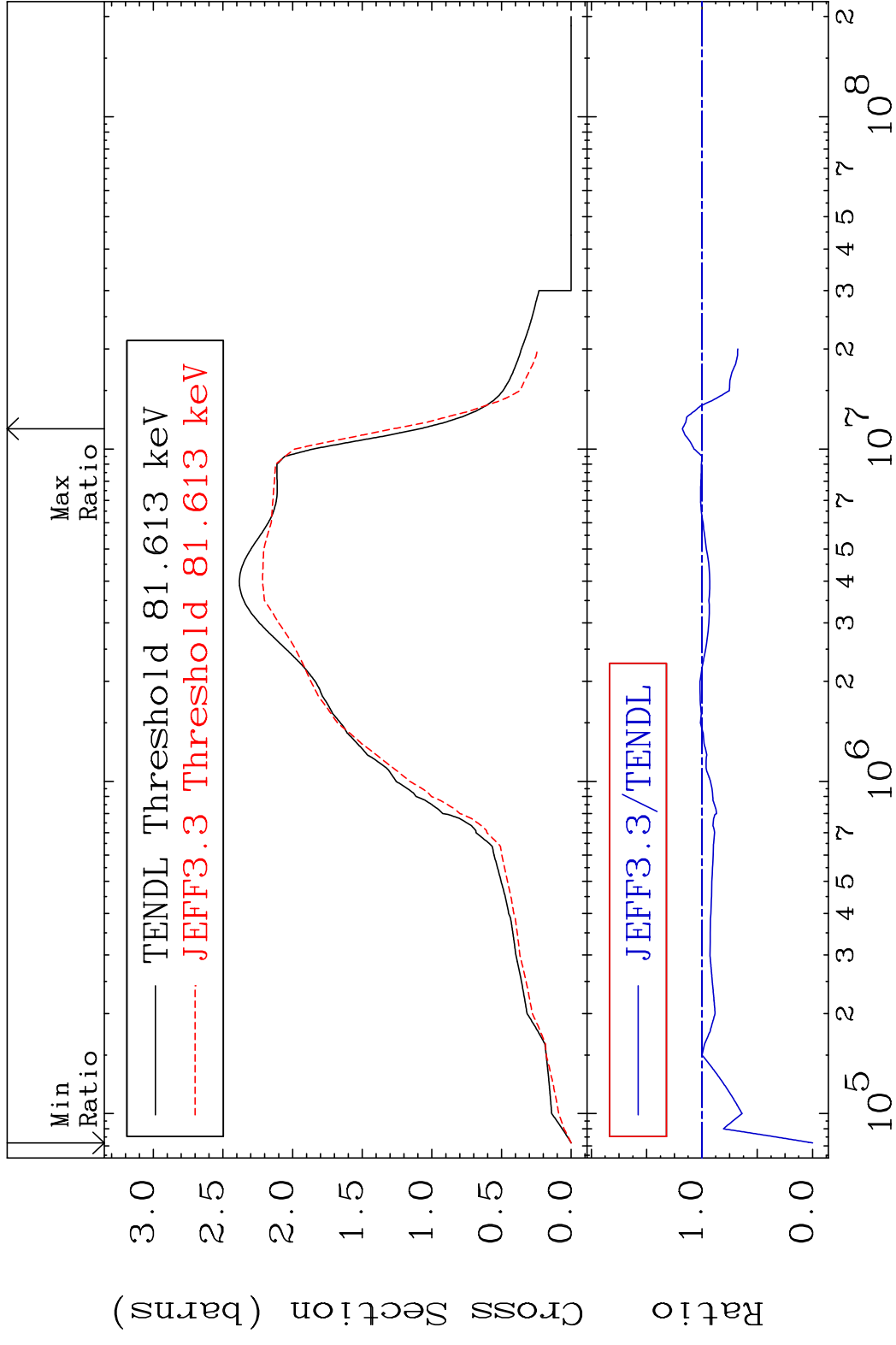


2

Incident Energy (eV)

55-Cs-133

MAT 5525 Inelastic 55-Cs-133
 Cross Section -100.0 To 17.71 %



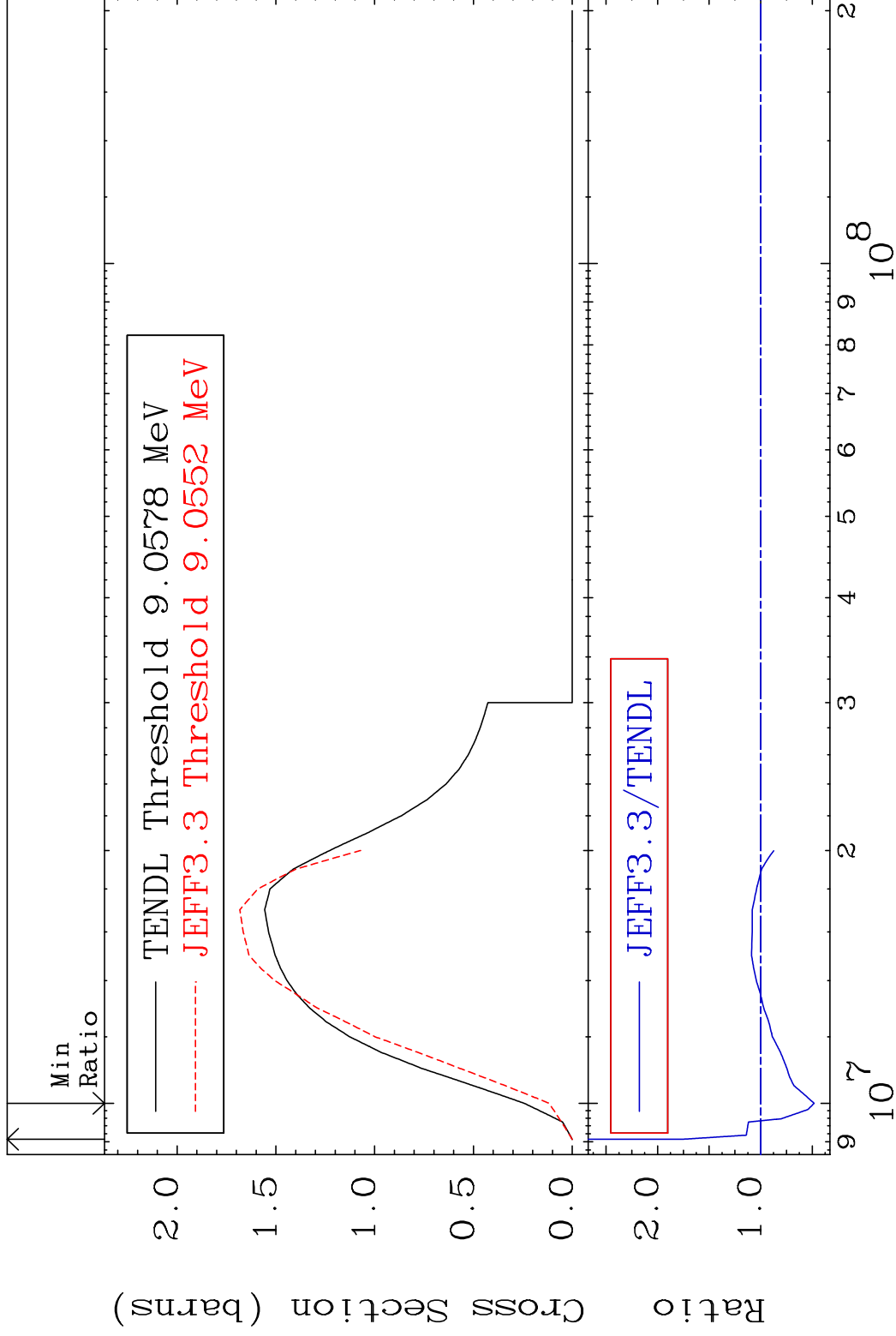
3 55-Cs-133

MAT 5525

(n,2n)

55-Cs-133

Cross Section -51.82 To 74.73 %



4

Incident Energy (eV)

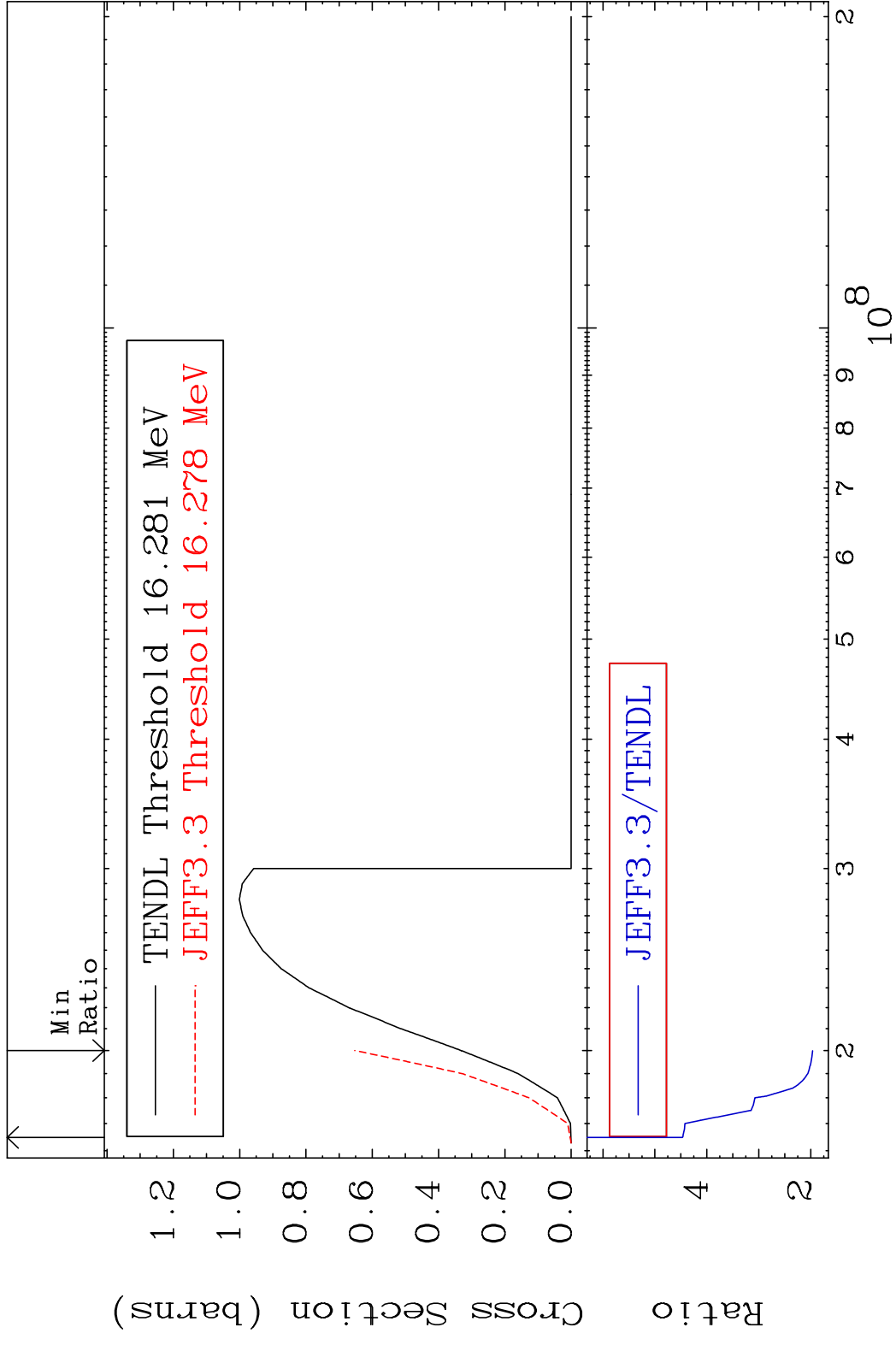
55-Cs-133

MAT 5525

(n,3n)

55-Cs-133

Cross Section 96.41 To 347.1 %



5

Incident Energy (eV)

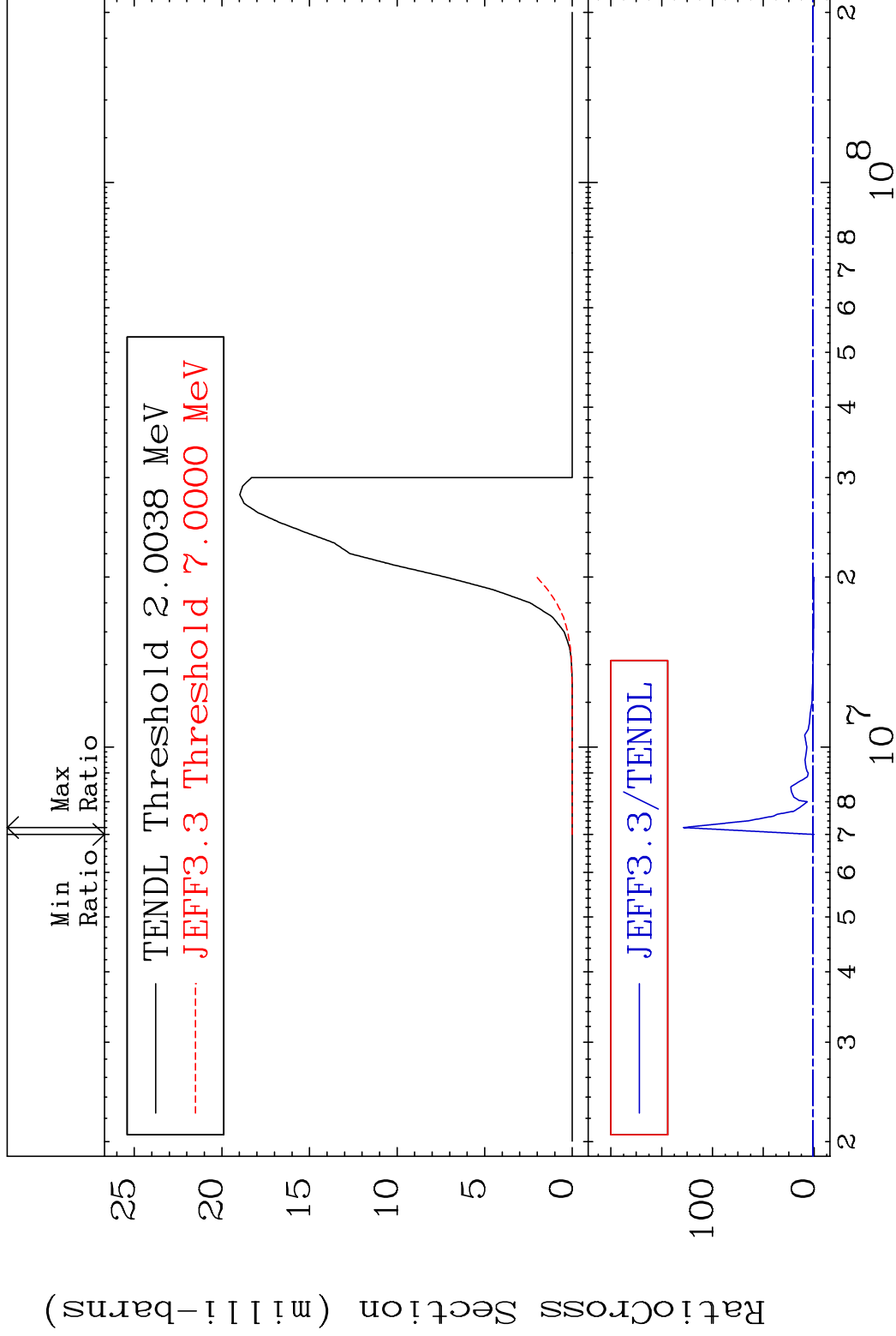
55-Cs-133

MAT 5525

(n, n') α

55-Cs-133

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

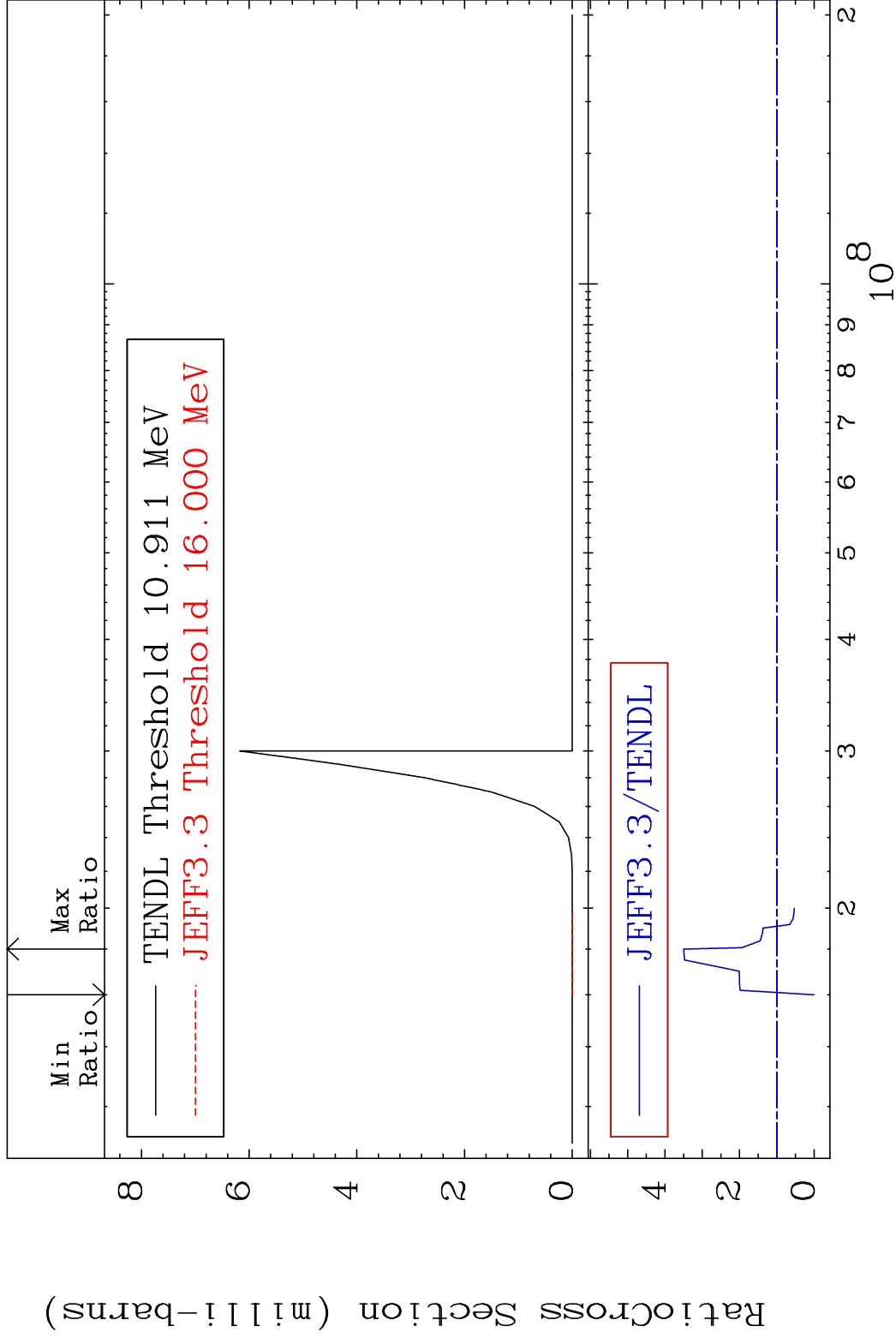
55-Cs-133

MAT 5525

(n,2n) α

55-Cs-133

Cross Section -100.0 To 249.9 %



7

Incident Energy (eV)

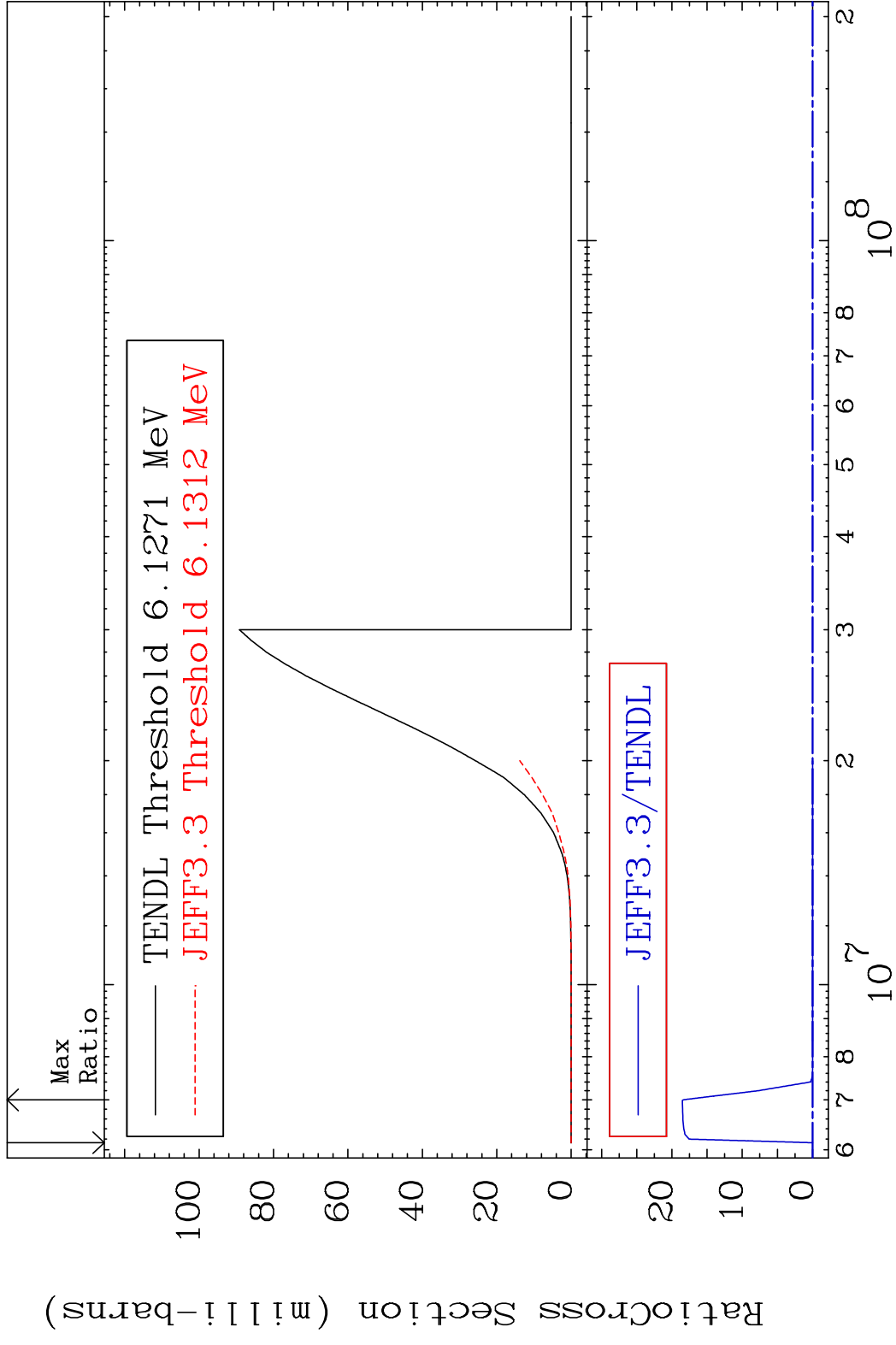
55-Cs-133

MAT 5525

55-Cs-133

(n, n') p

Cross Section -100.0 To 9999. %

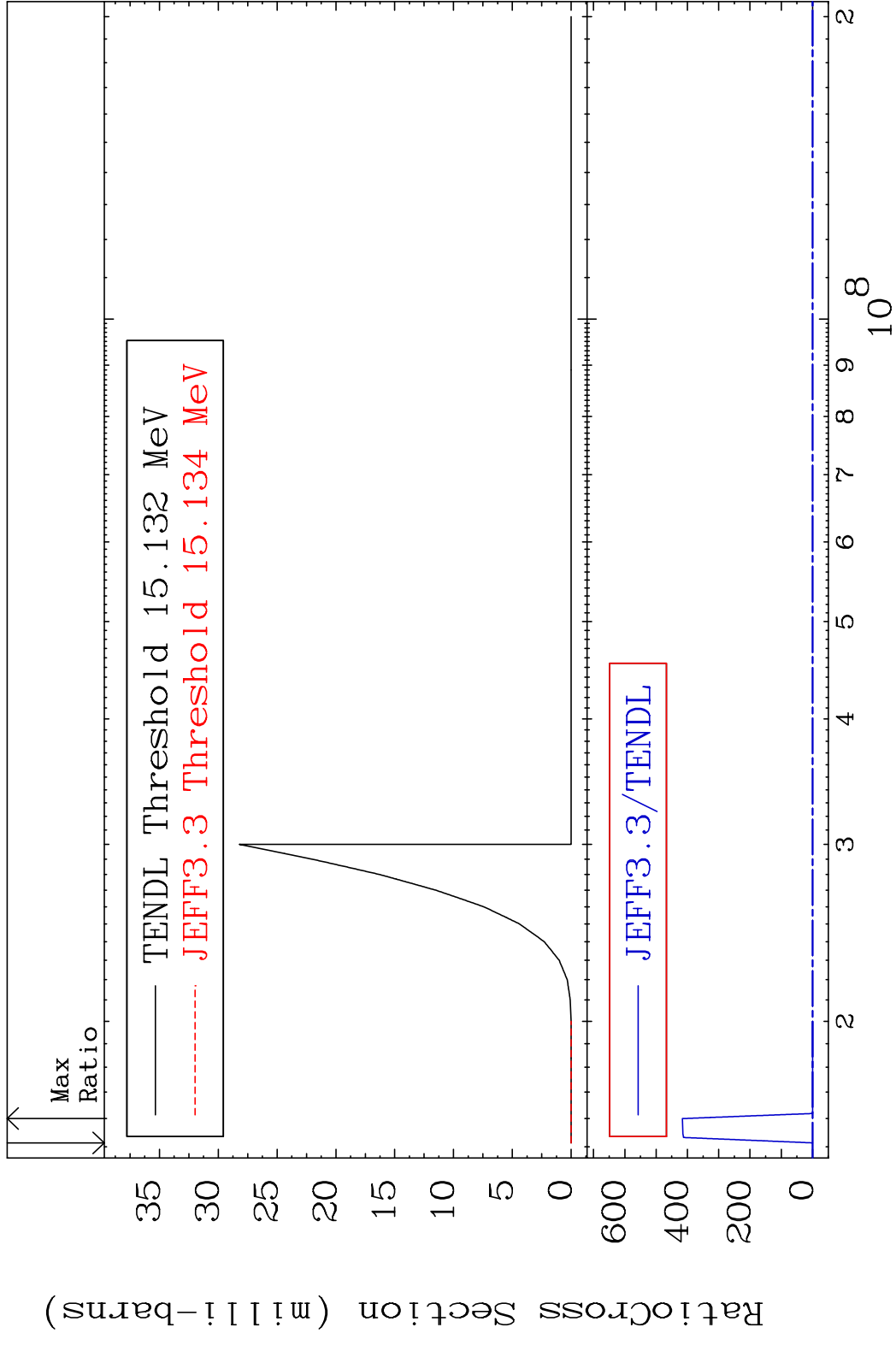


8

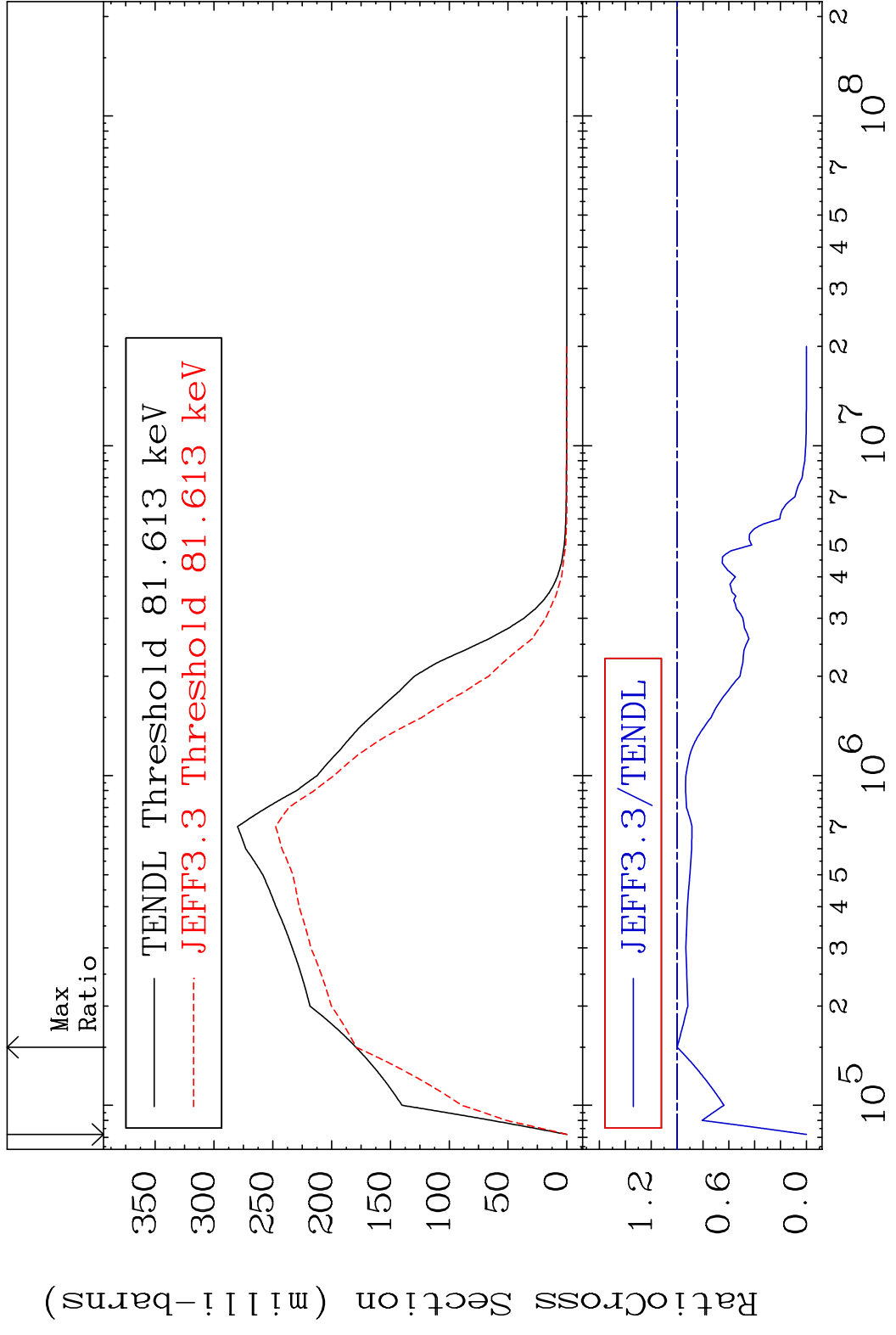
Incident Energy (eV)

55-Cs-133

MAT 5525 (n,2n) p 55-Cs-133
 Cross Section -100.0 To 9999. %

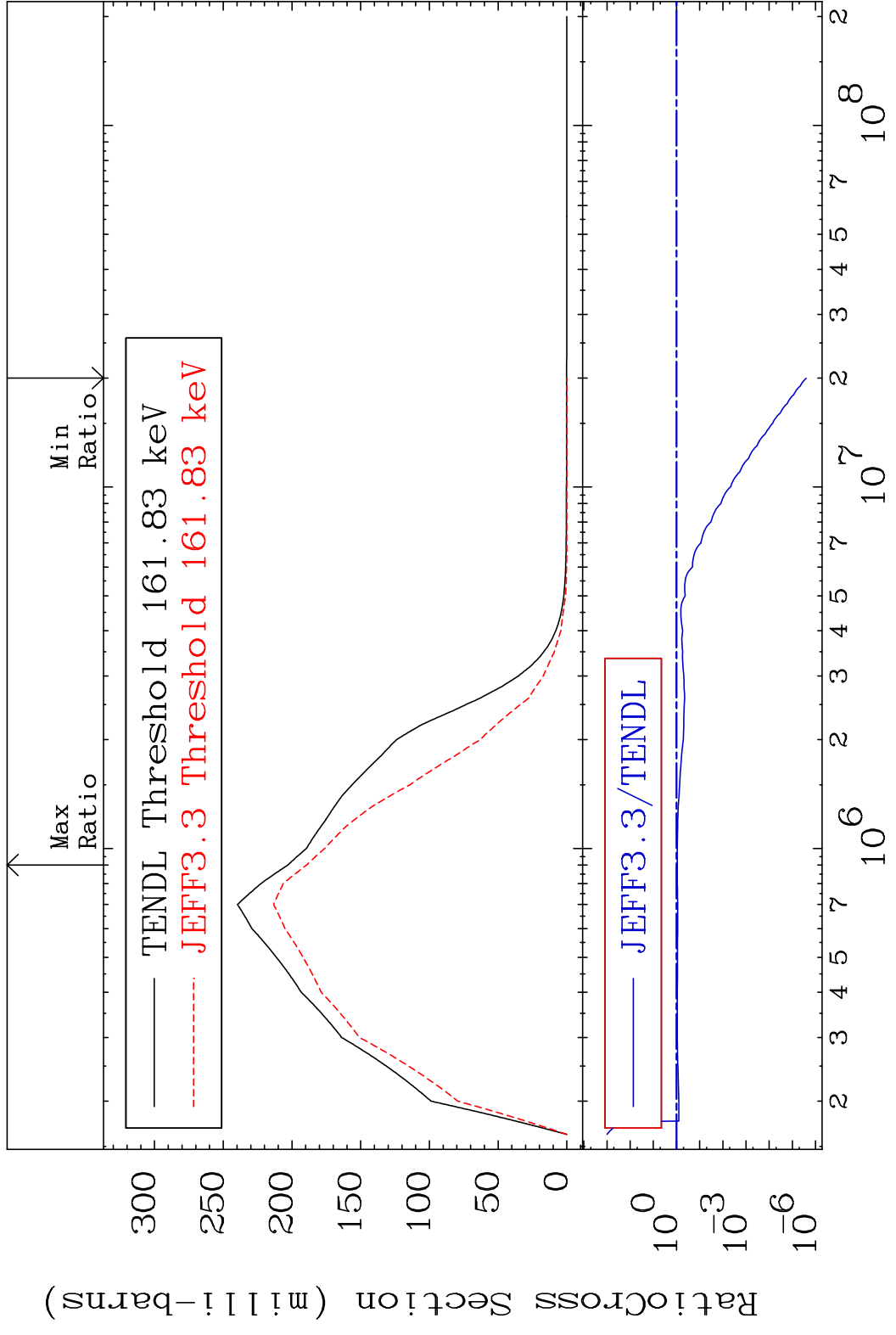


MAT 5525 MT= 51 (n,n') Level 55-Cs-133
 Cross Section -100.0 To -0.100%

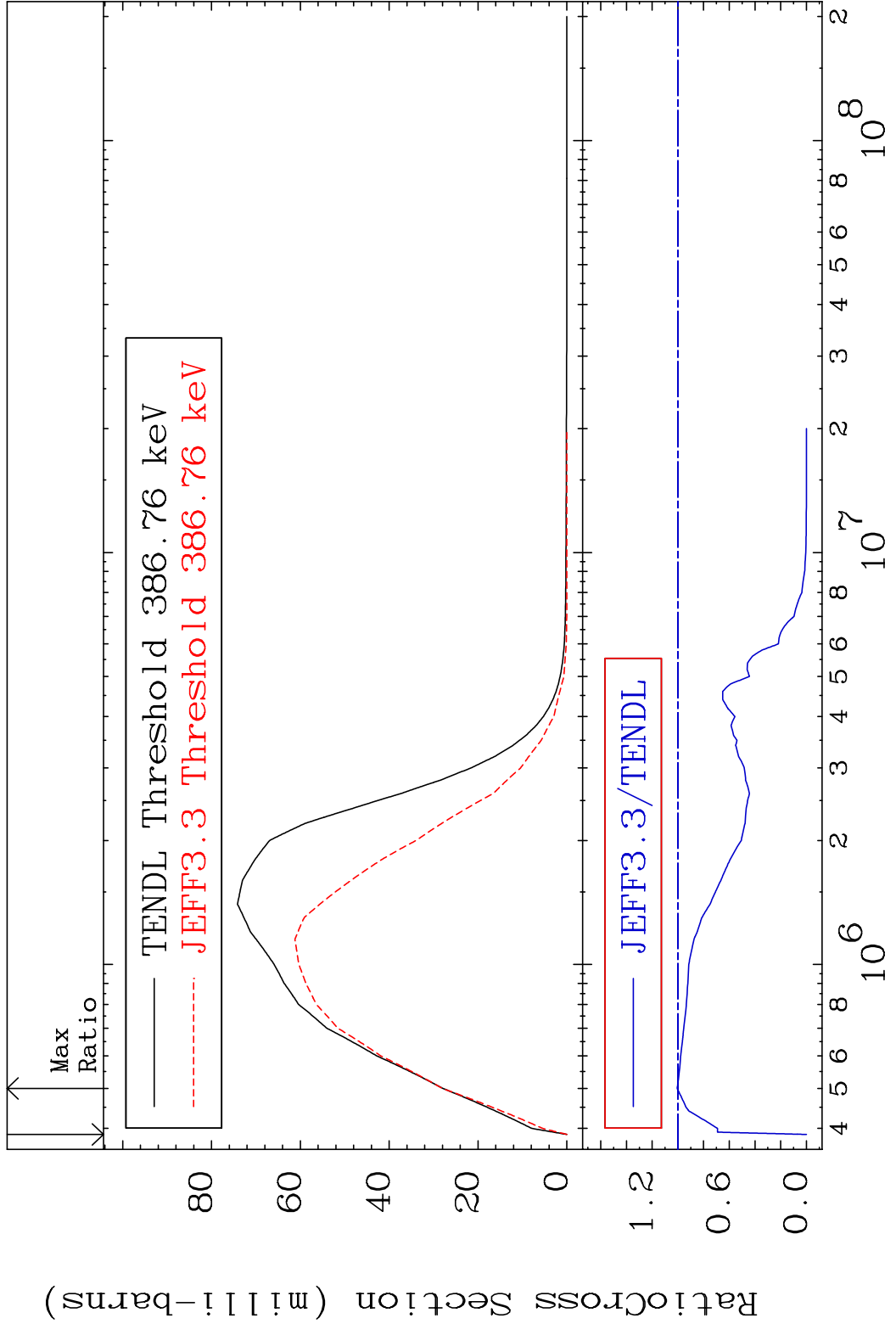


10 Incident Energy (eV) 55-Cs-133

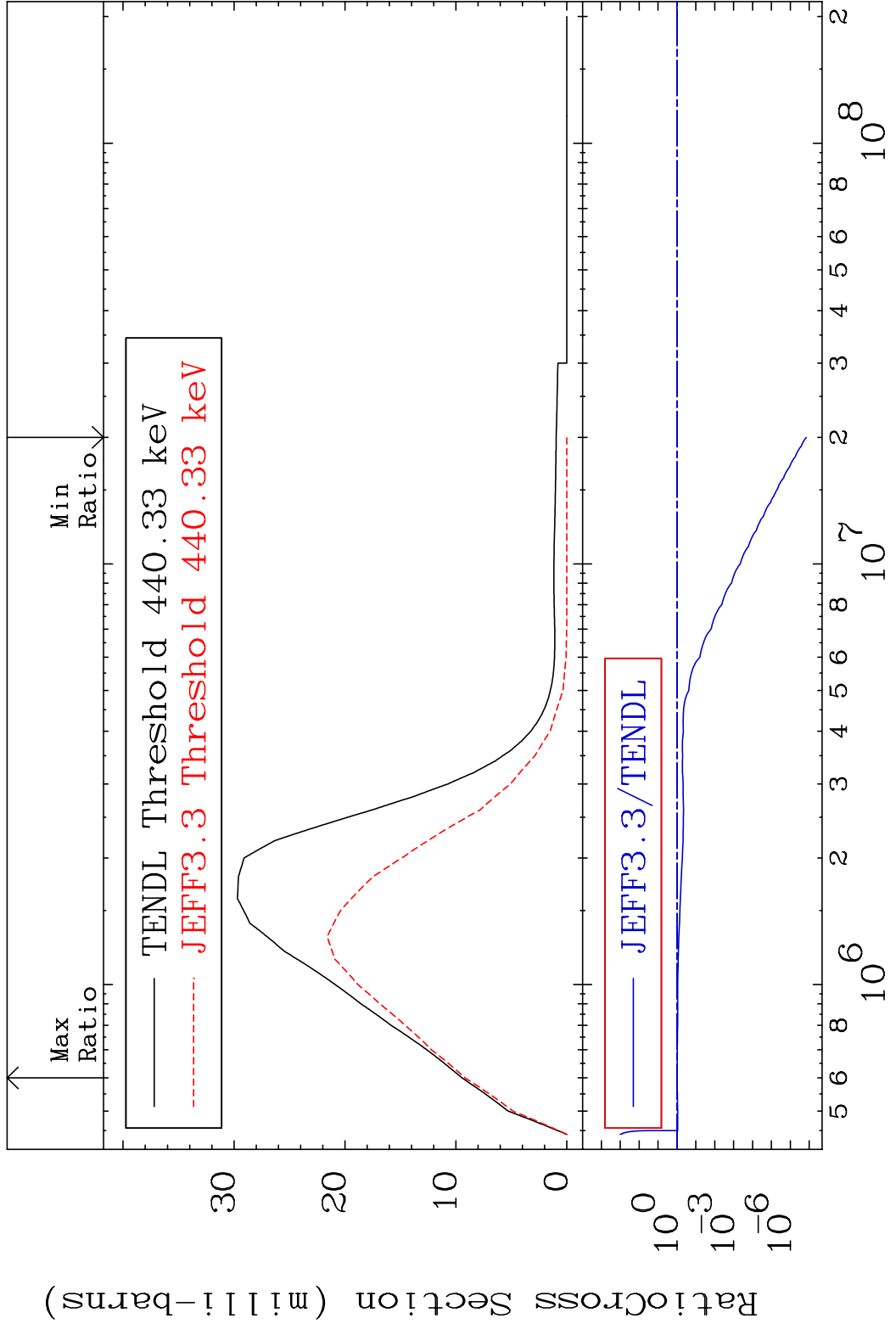
MAT 5525 MT= 52 (n,n') Level 55-Cs-133
 Cross Section -100.0 To -6.667%



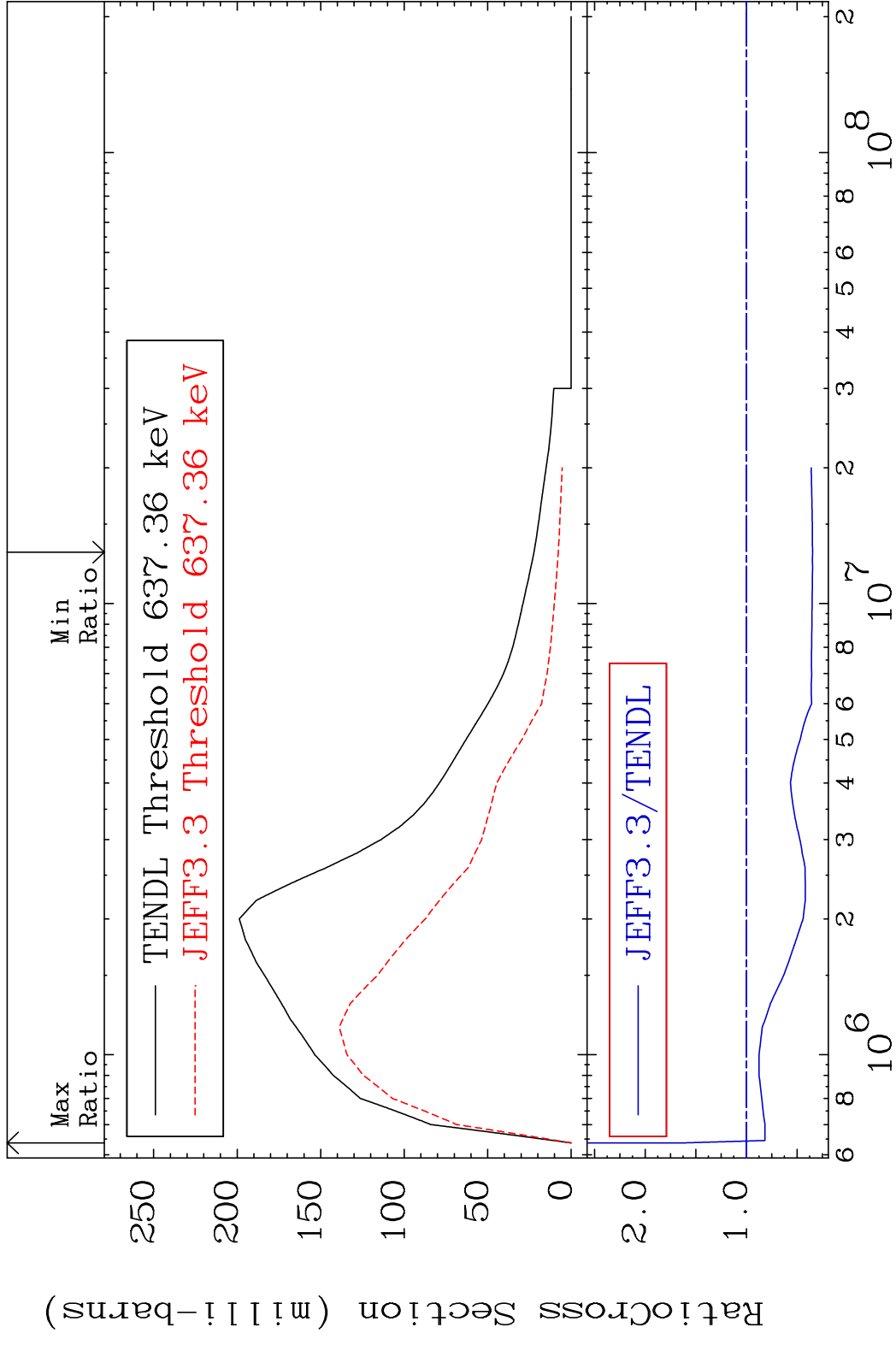
MAT 5525 MT= 53 (n,n') Level 55-Cs-133
 Cross Section -100.0 To 0.539 %



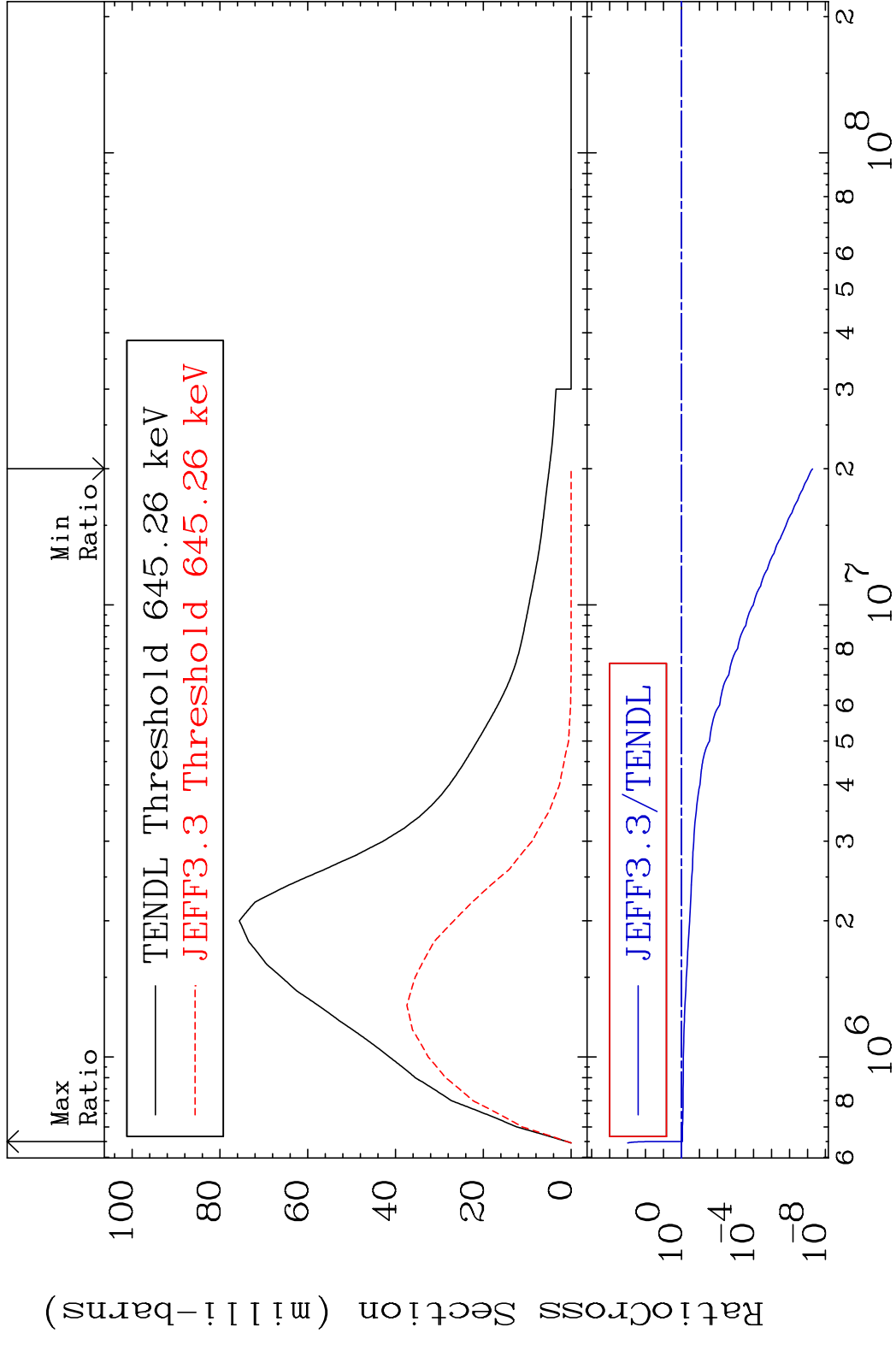
MAT 5525 MT= 54 (n,n') Level 55-Cs-133
 Cross Section -100.0 To -3.034%



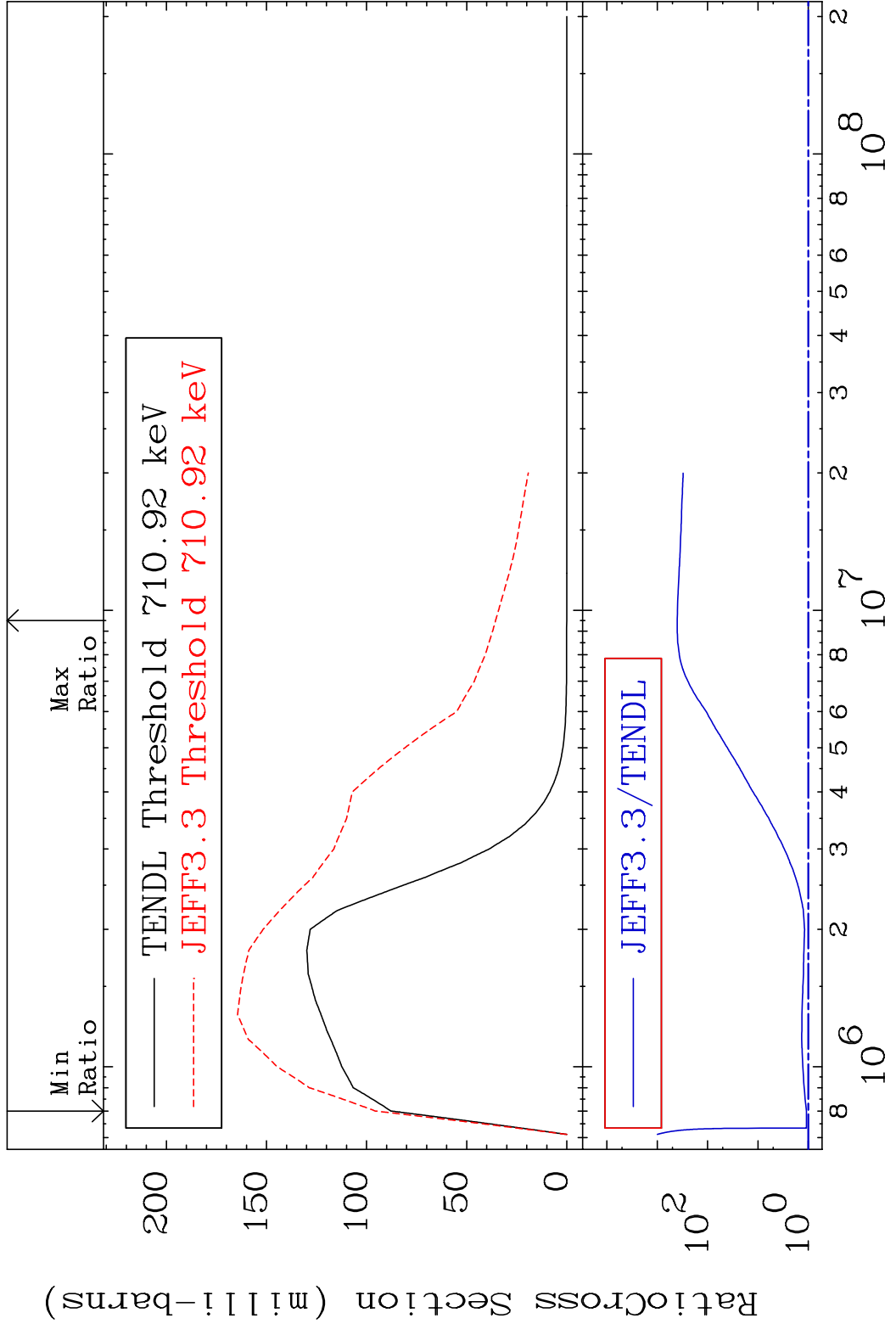
MAT 5525 MT= 55 (n, n') Level 55-Cs-133
 Cross Section -65.36 To 63.23 %



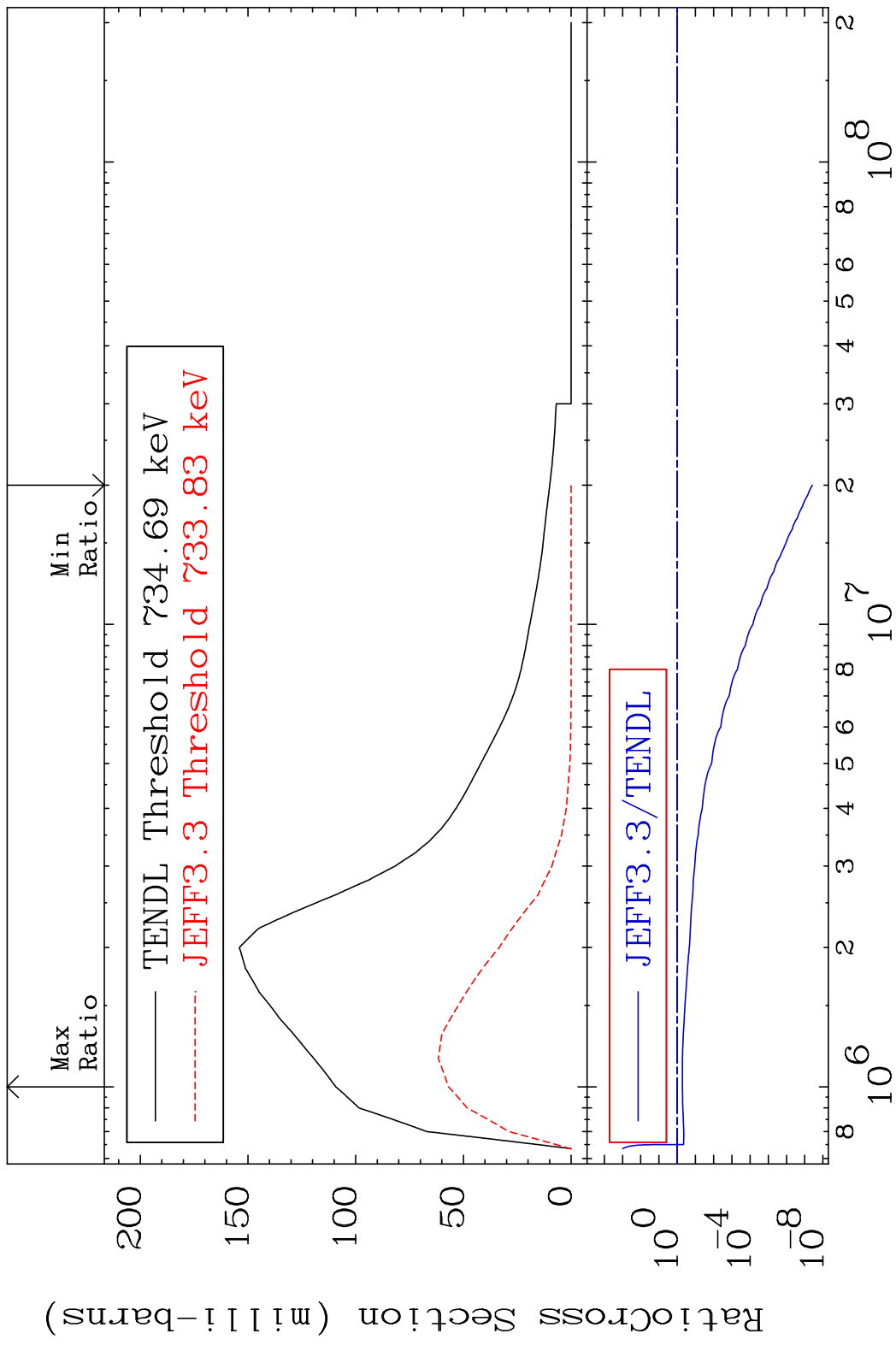
MAT 5525 MT= 56 (n, n') Level 55-Cs-133
 Cross Section -100.0 To -9.959%



MAT 5525 MT= 57 (n, n') Level 55-Cs-133
 Cross Section 8.884 To 9999. %

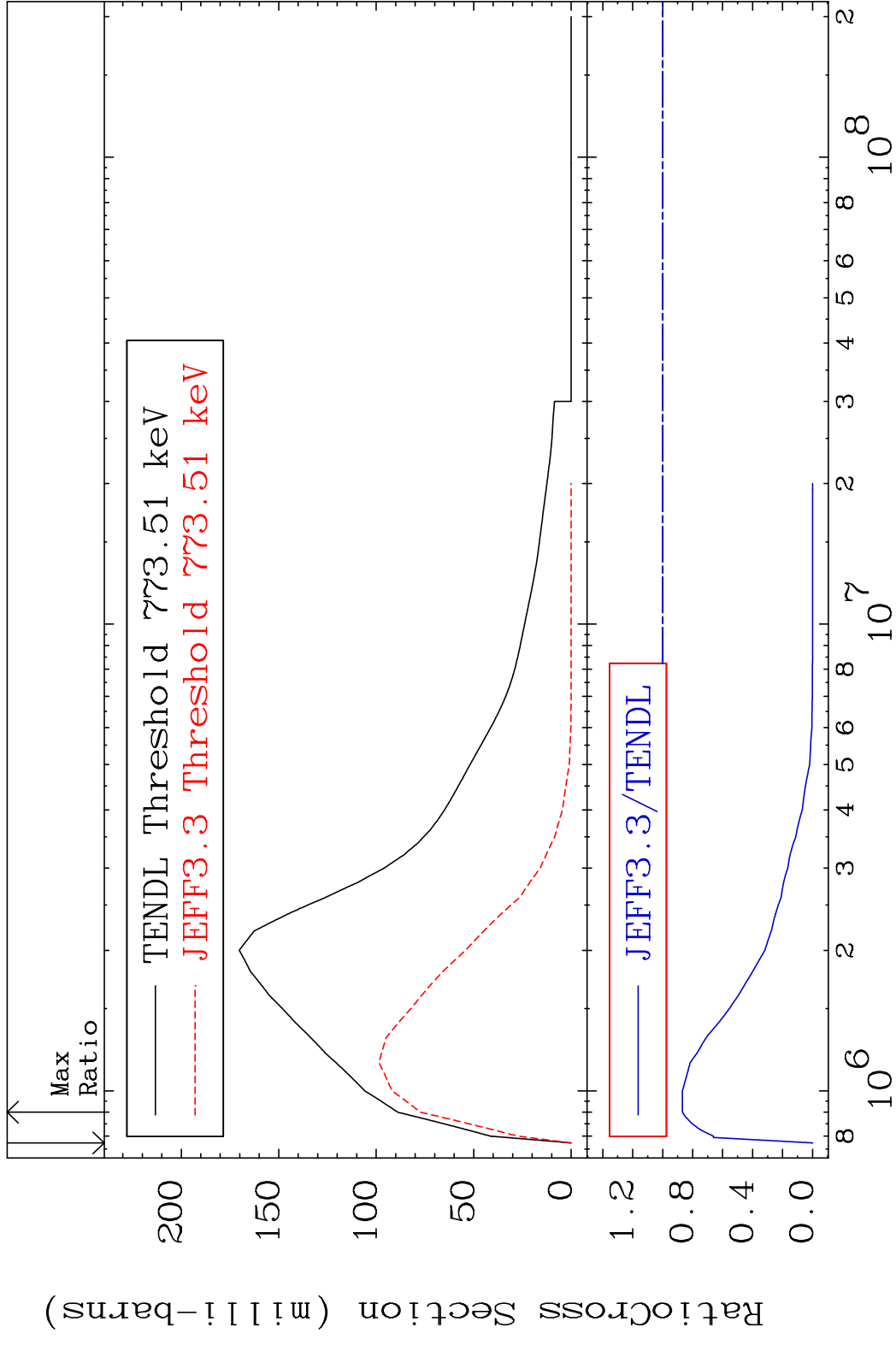


MAT 5525 MT= 58 (n, n') Level 55-Cs-133
 Cross Section -100.0 To -47.87%

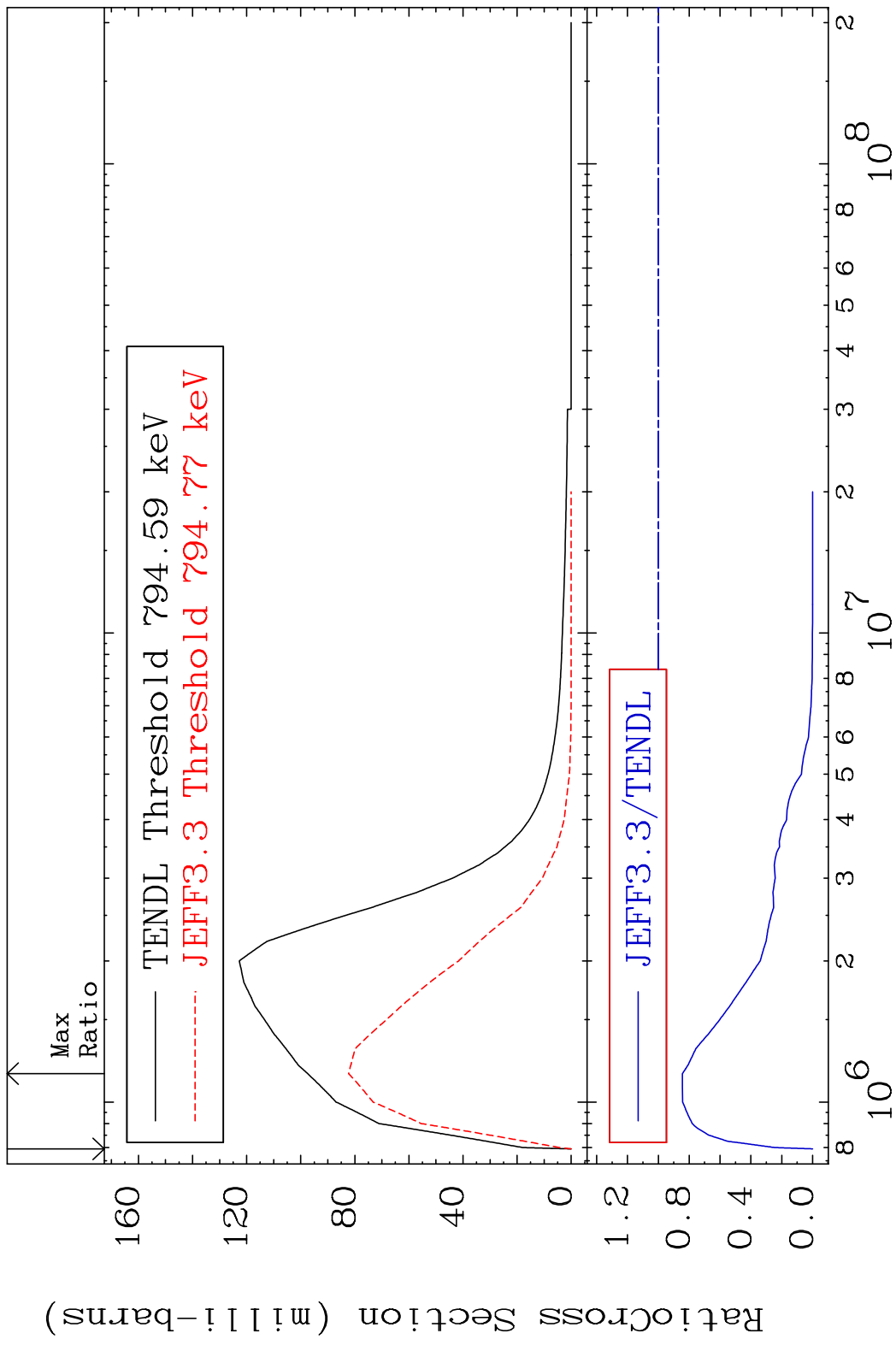


17 Incident Energy (eV) 55-Cs-133

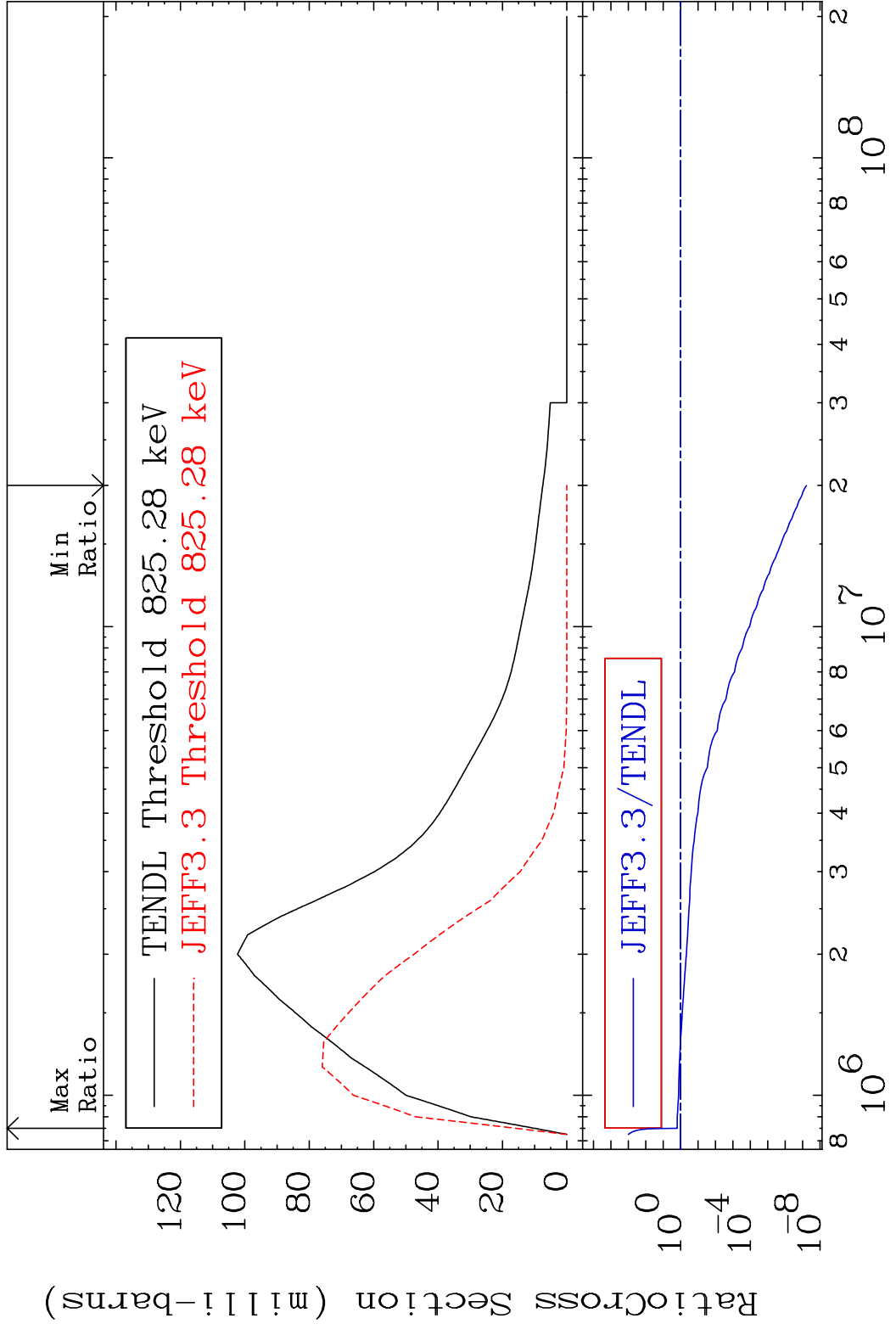
MAT 5525 MT= 59 (n, n') Level 55-Cs-133
 Cross Section -100.0 To -13.12%



MAT 5525 MT= 60 (n,n') Level 55-Cs-133
 Cross Section -100.0 To -15.56%

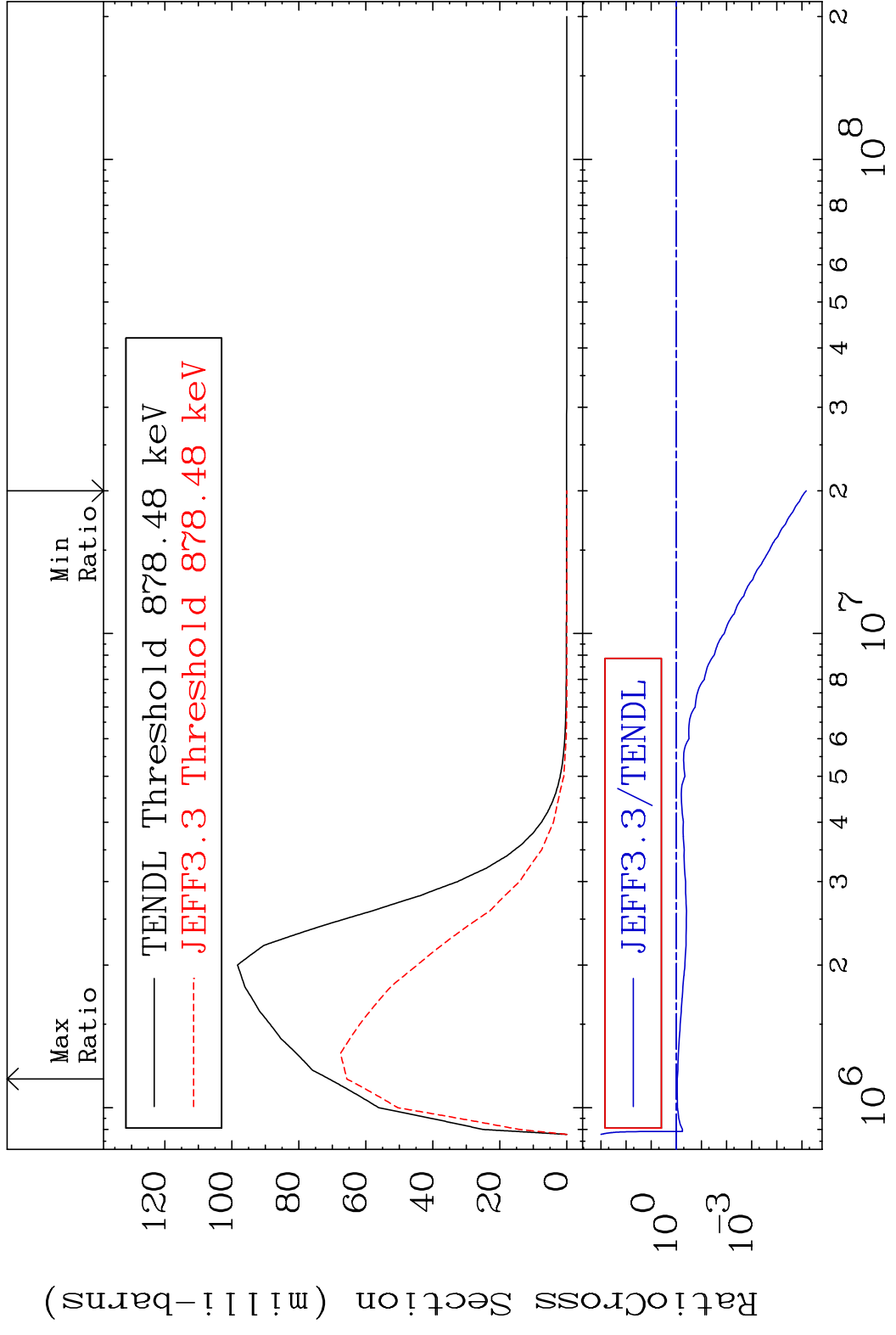


MAT 5525 MT= 61 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 57.71 %

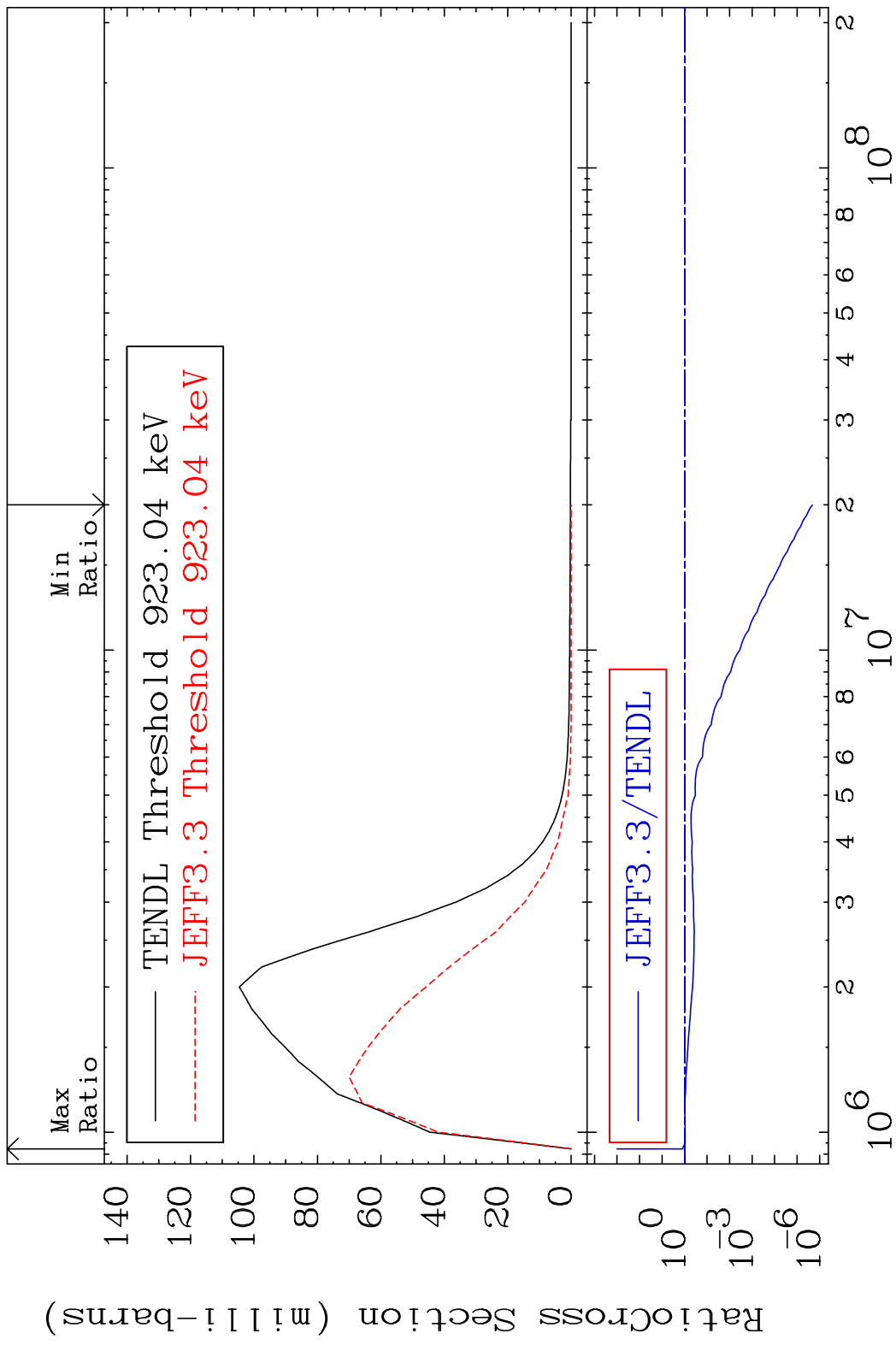


20 Incident Energy (eV) 55-Cs-133

MAT 5525 MT= 62 (n, n') Level 55-Cs-133
 Cross Section -100.0 To -7.491%

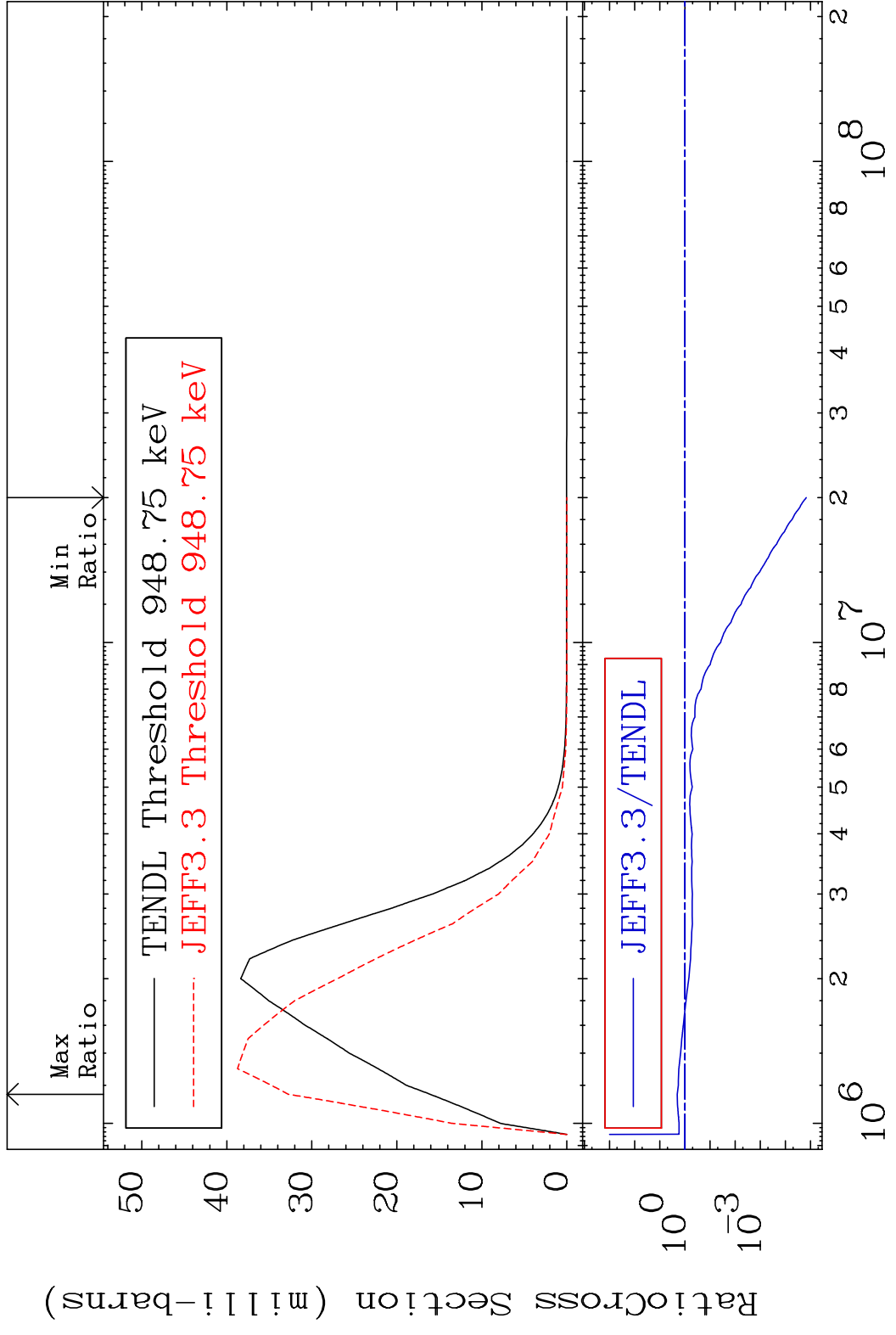


MAT 5525 MT= 63 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 25.34 %



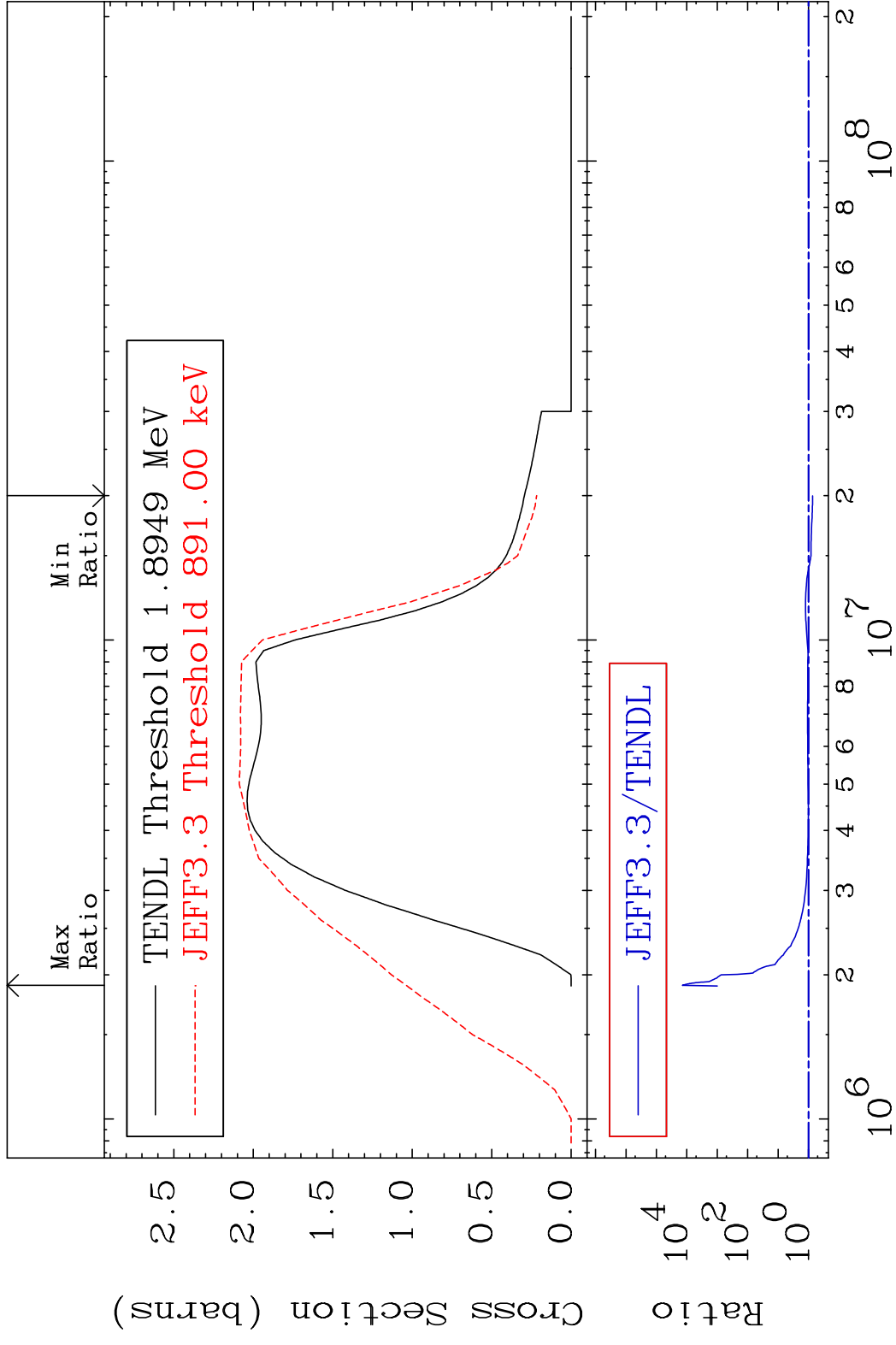
22 Incident Energy (eV) 55-Cs-133

MAT 5525 MT= 64 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 103.5 %



23 Incident Energy (eV) 55-Cs-133

MAT 5525 (n,n') Continuum 55-Cs-133
 Cross Section -26.38 To 9999. %

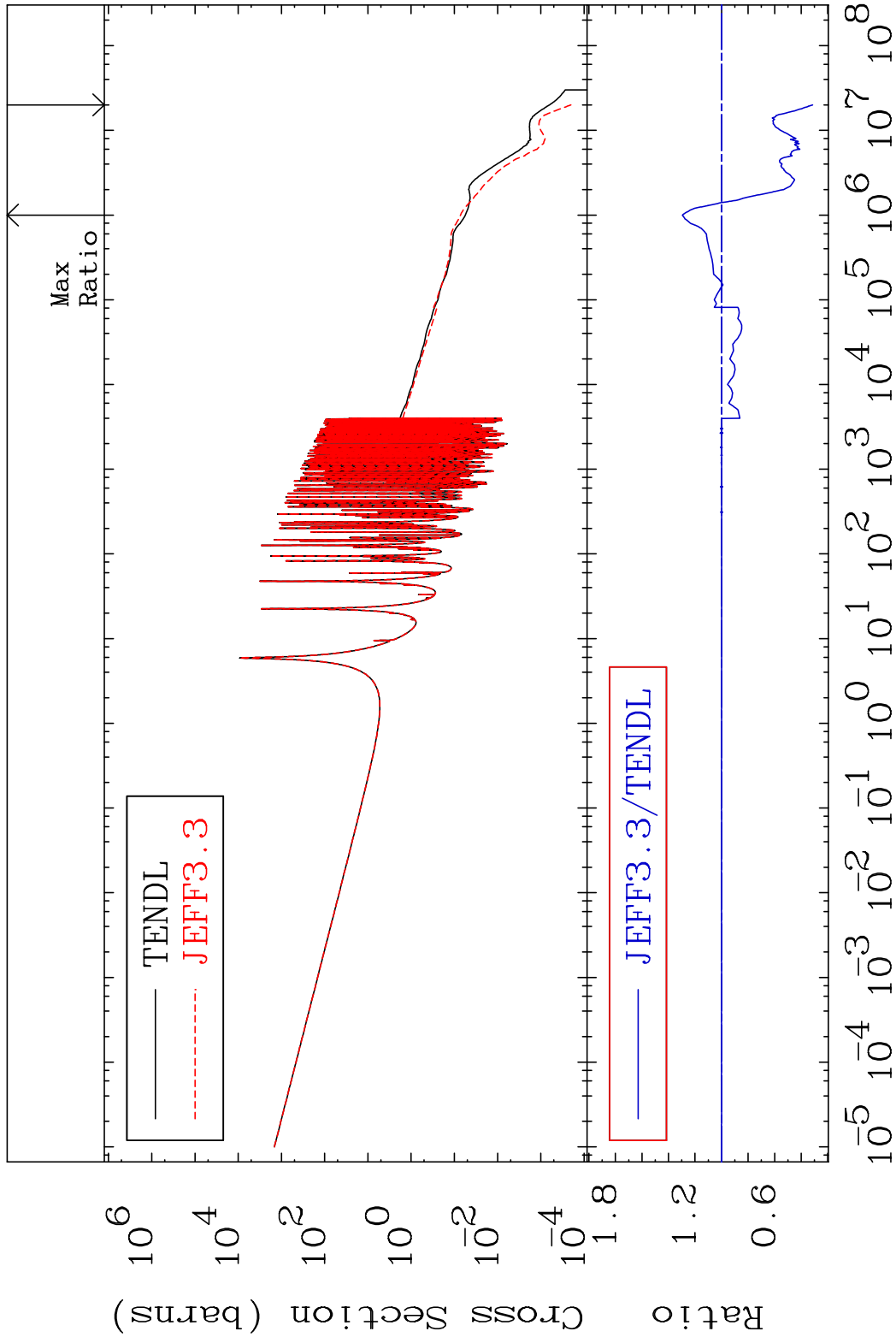


MAT 5525

(n, γ)

55-Cs-133

Cross Section -68.58 To 29.56 %



25

Incident Energy (eV)

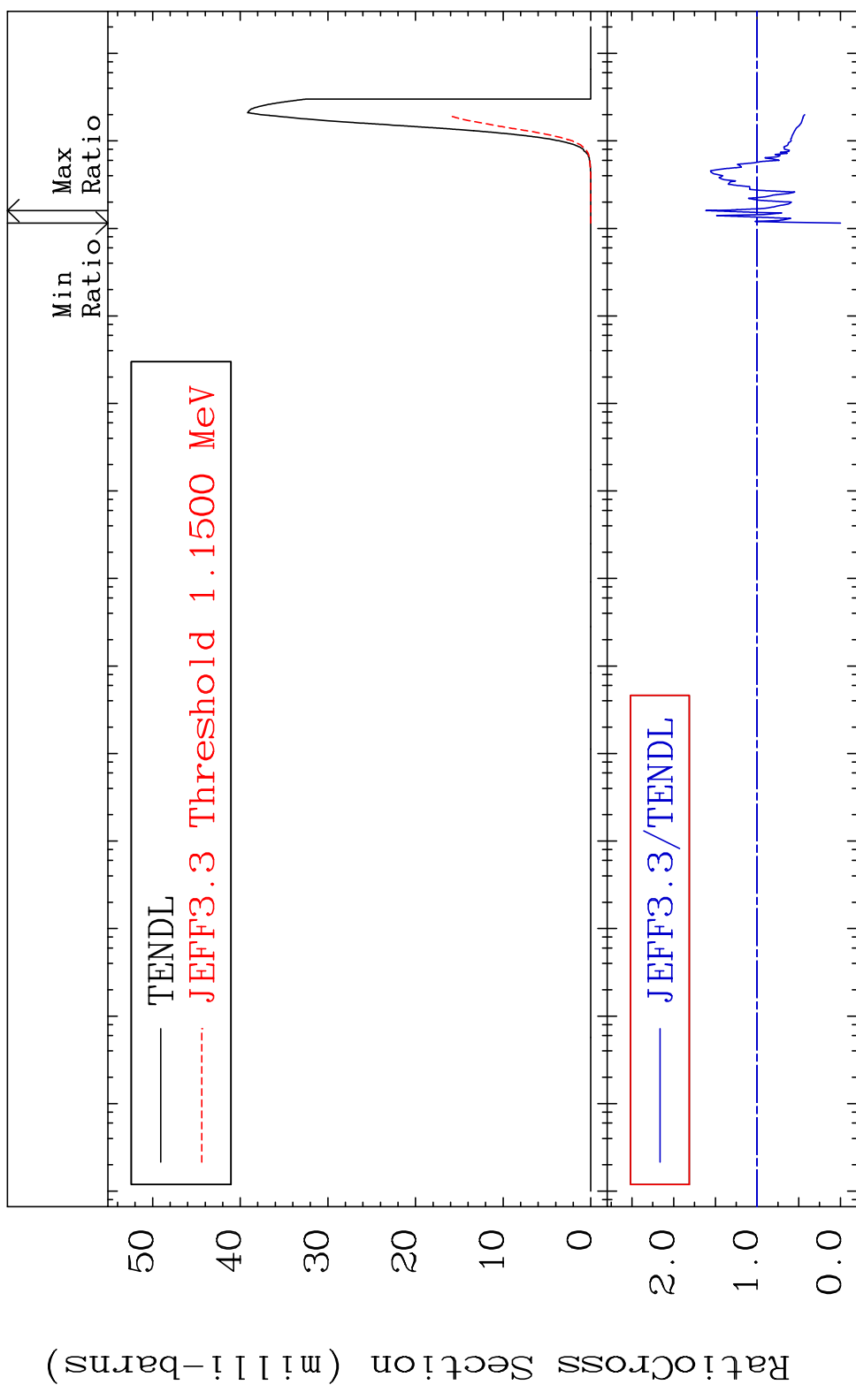
55-Cs-133

MAT 5525

(n, p)

55-Cs-133

Cross Section -100.0 To 61.50 %

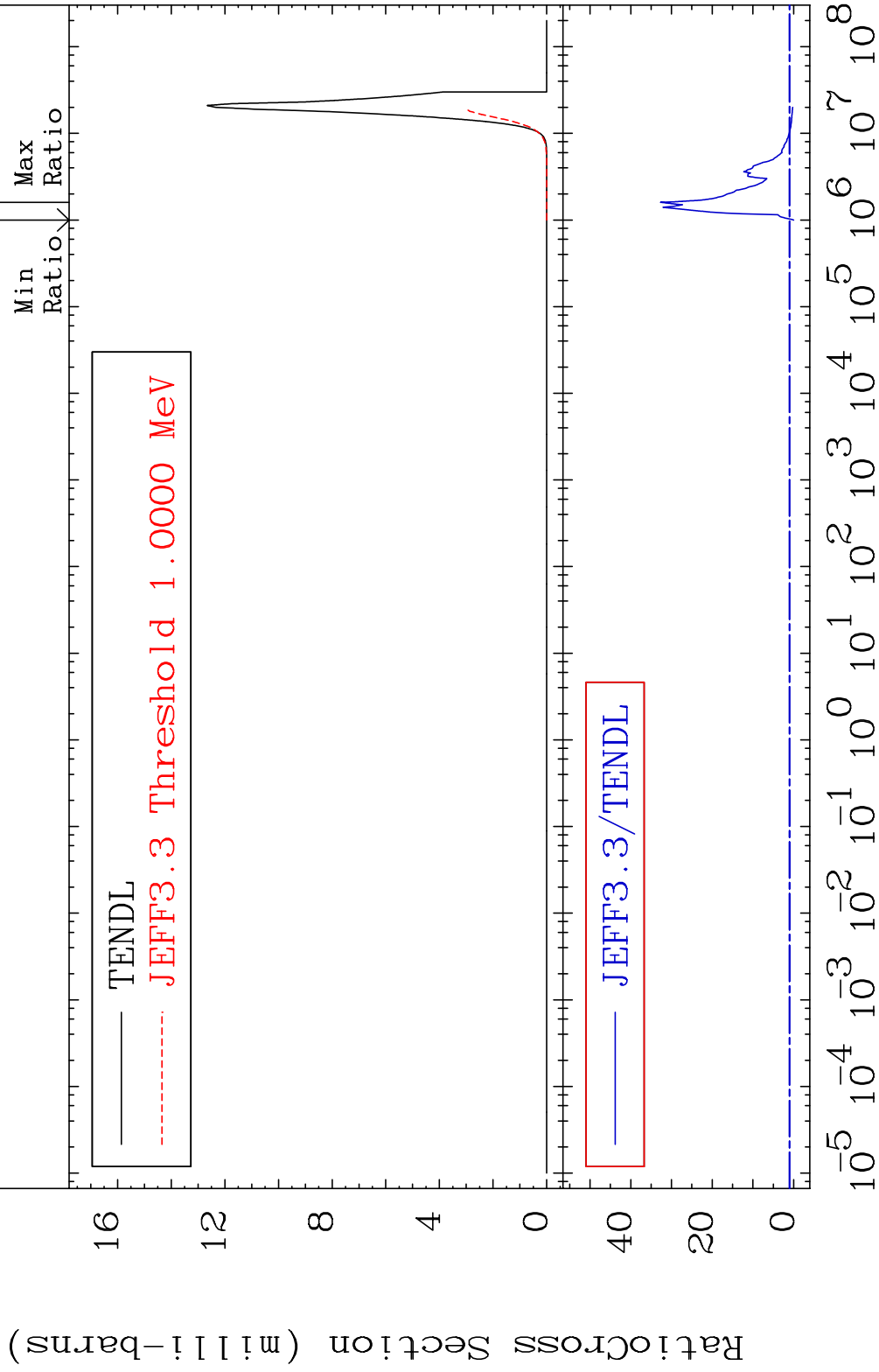


MAT 5525

(n, α)

55-Cs-133

Cross Section -100.0 To 3171. %



27

Incident Energy (eV)

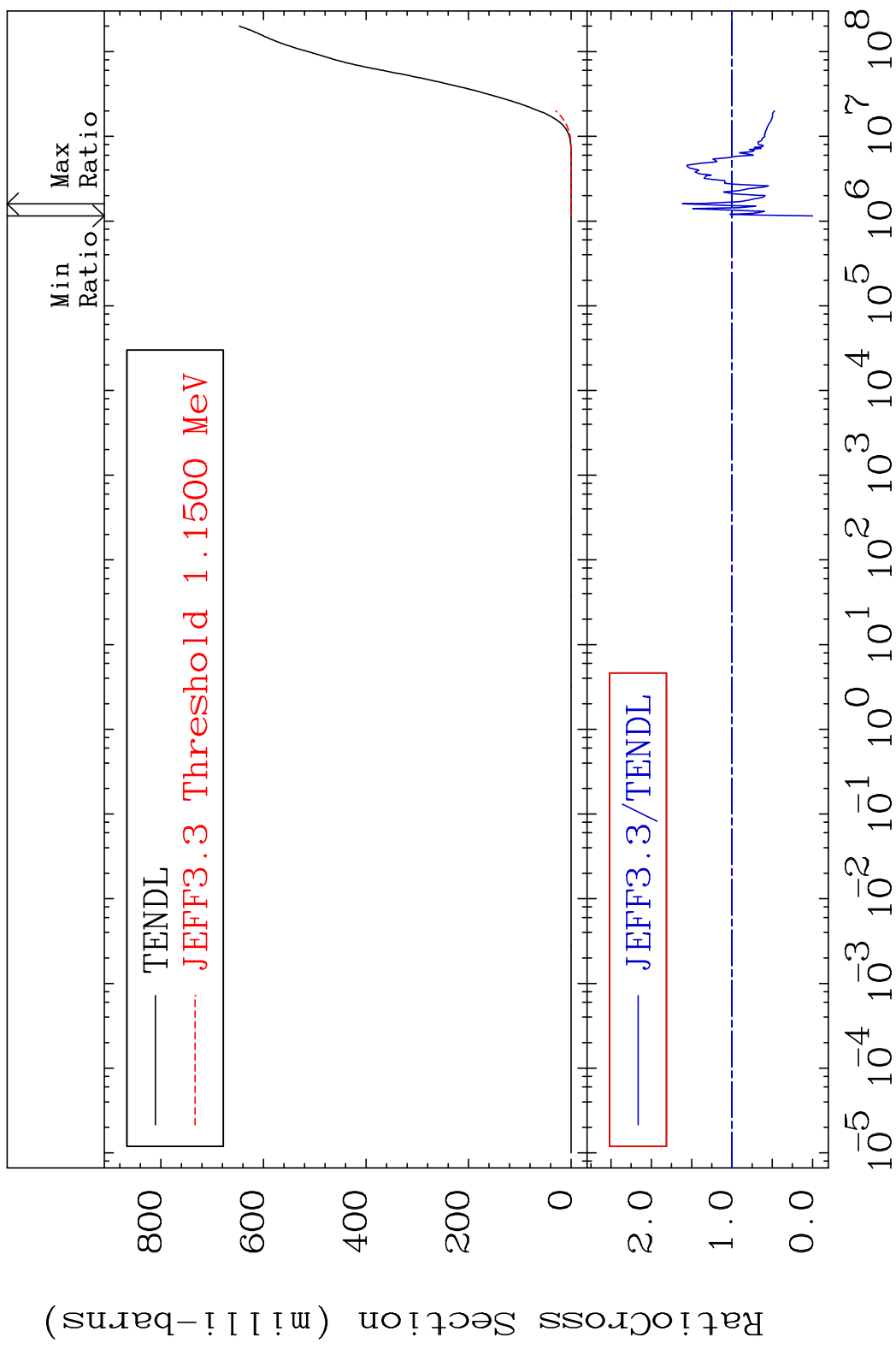
55-Cs-133

MAT 5525

Hydrogen Production

55-Cs-133

Cross Section -100.0 To 61.50 %

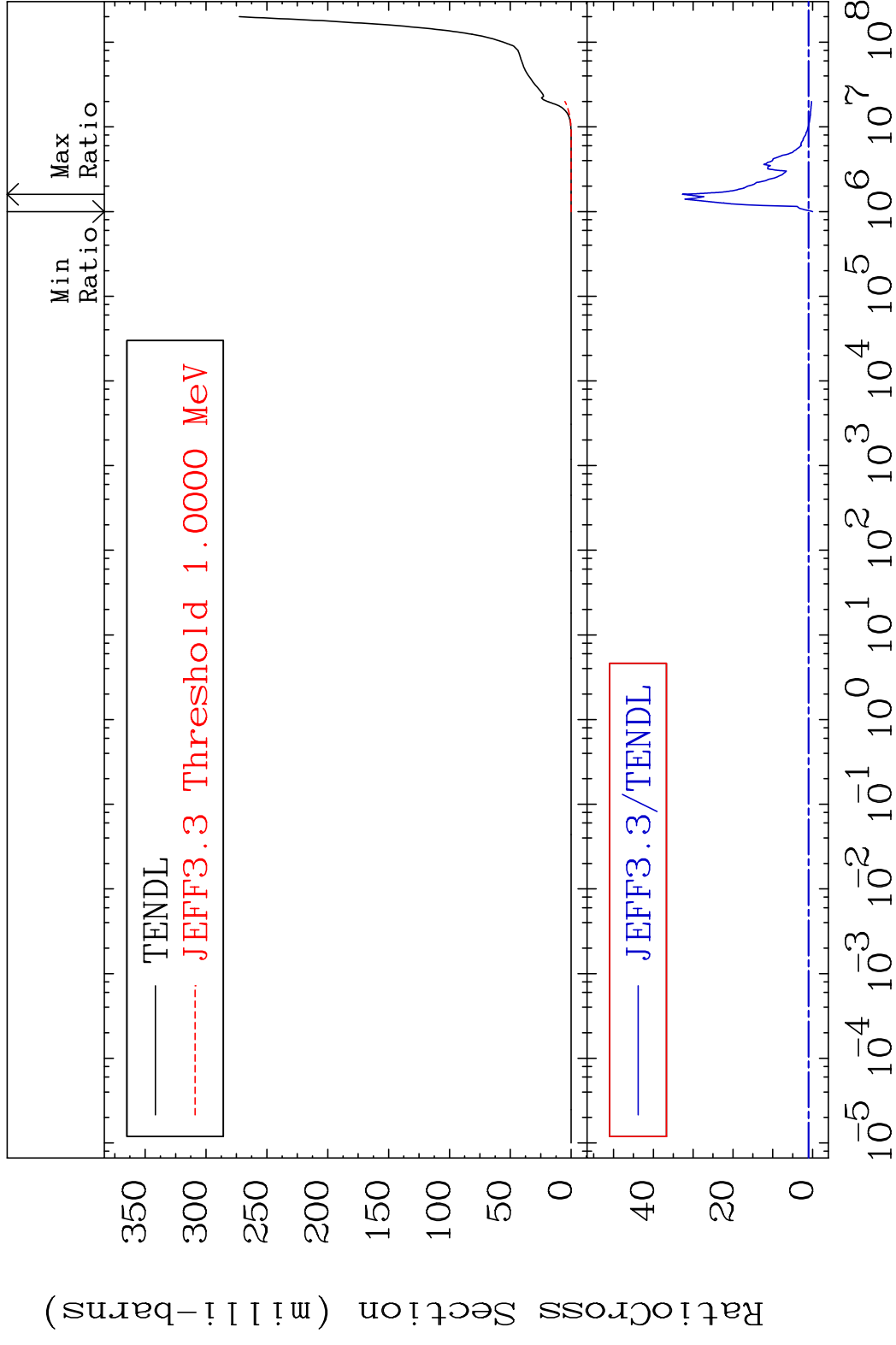


MAT 5525

He-4 Production

55-Cs-133

Cross Section -100.0 To 3171. %

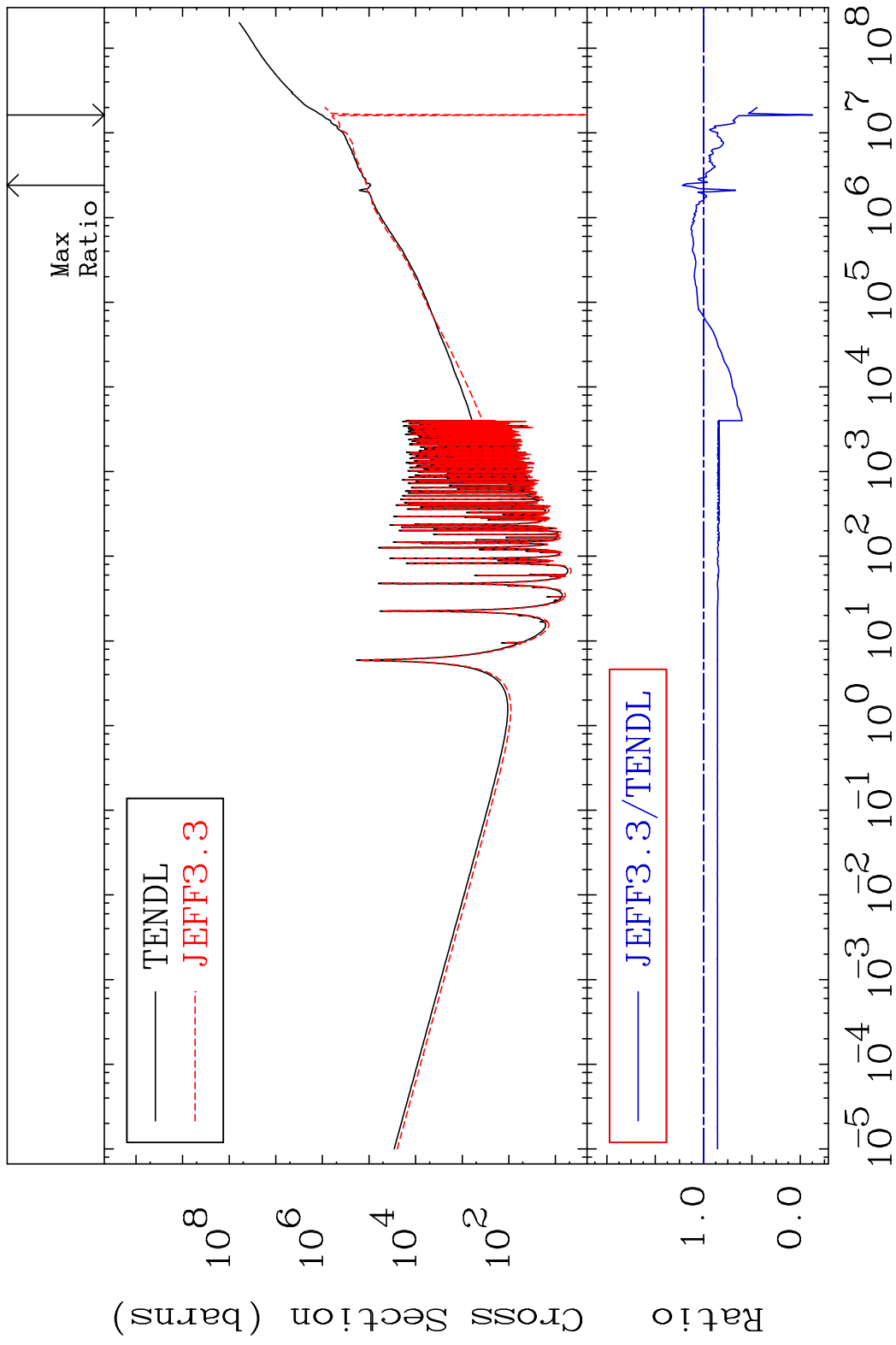


29

Incident Energy (eV)

55-Cs-133

MAT 5525 Kerma total (eV-barns) 55-Cs-133
Cross Section -112.6 To 22.08 %

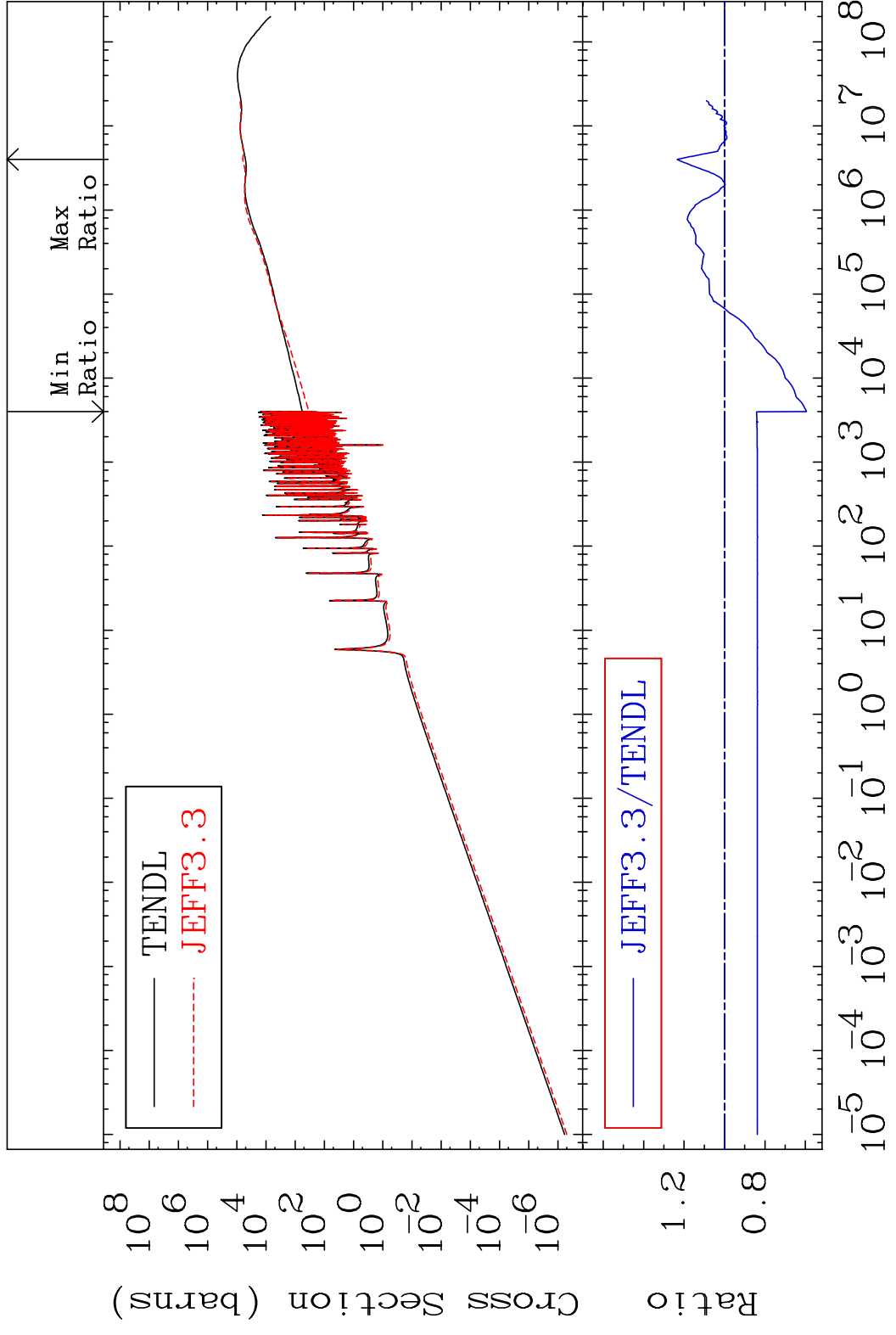


30 Incident Energy (eV) 55-Cs-133

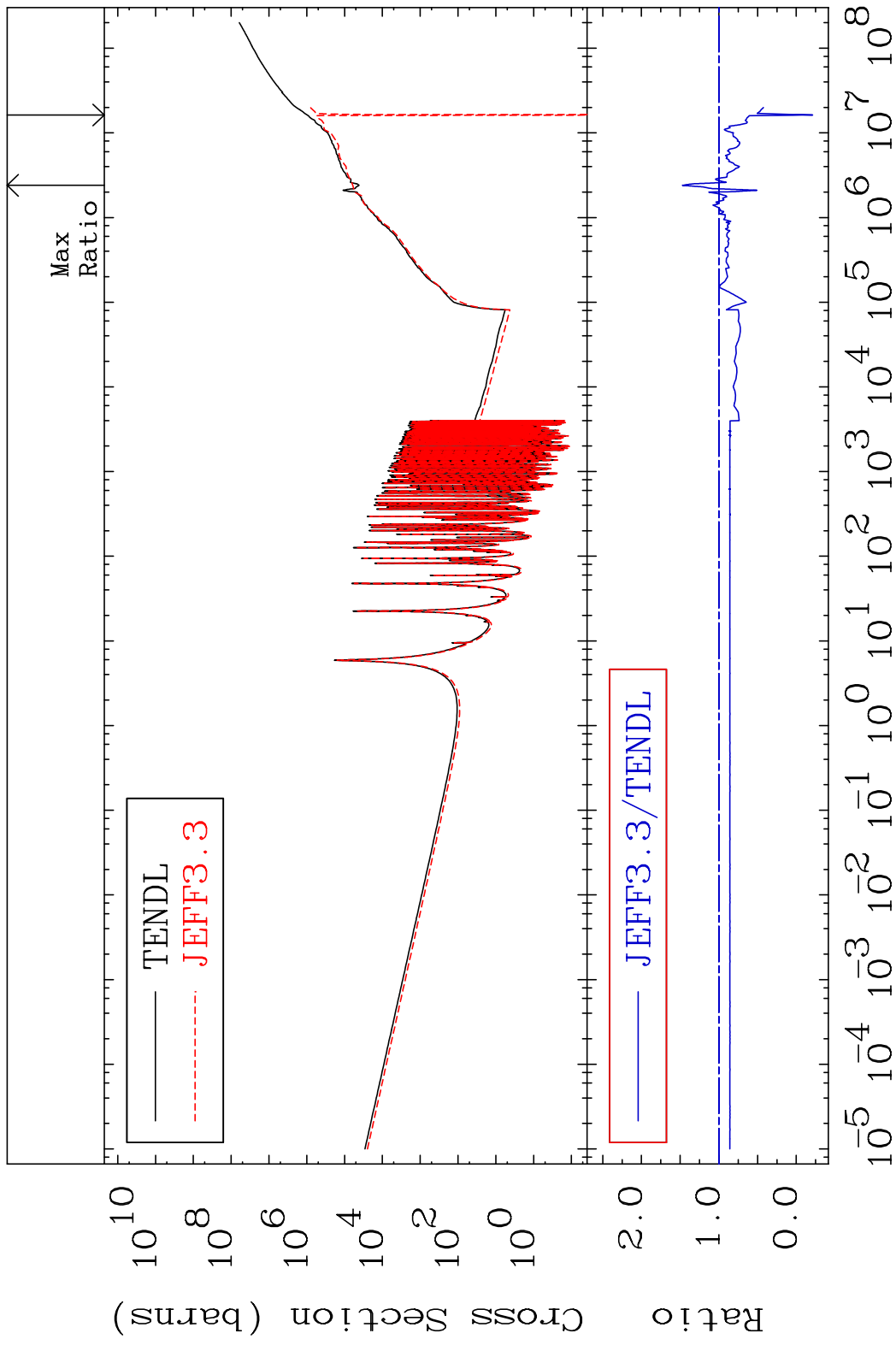
MAT 5525

Kerma elastic
Cross Section

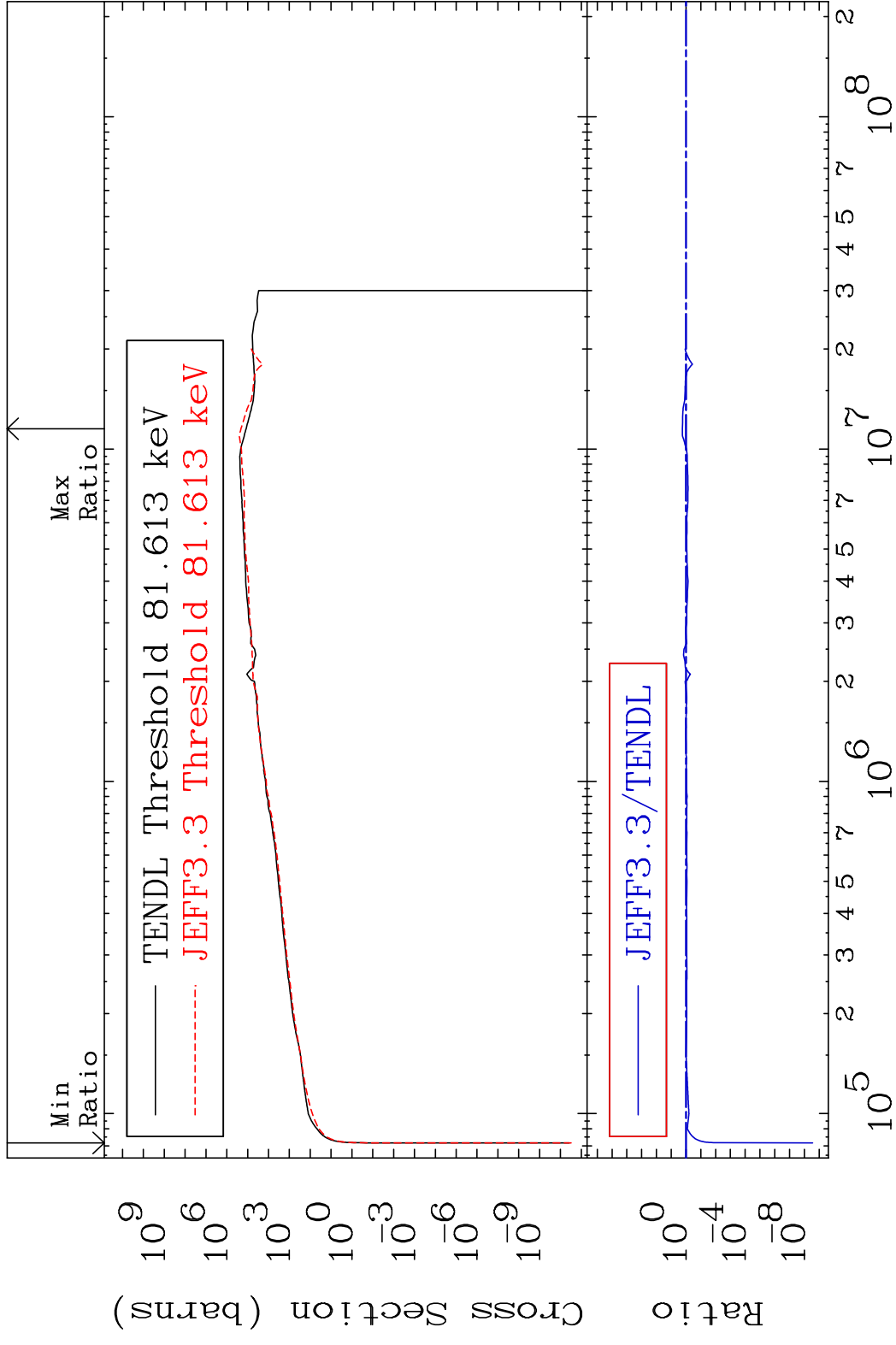
55-Cs-133
-40.50 To 23.41 %



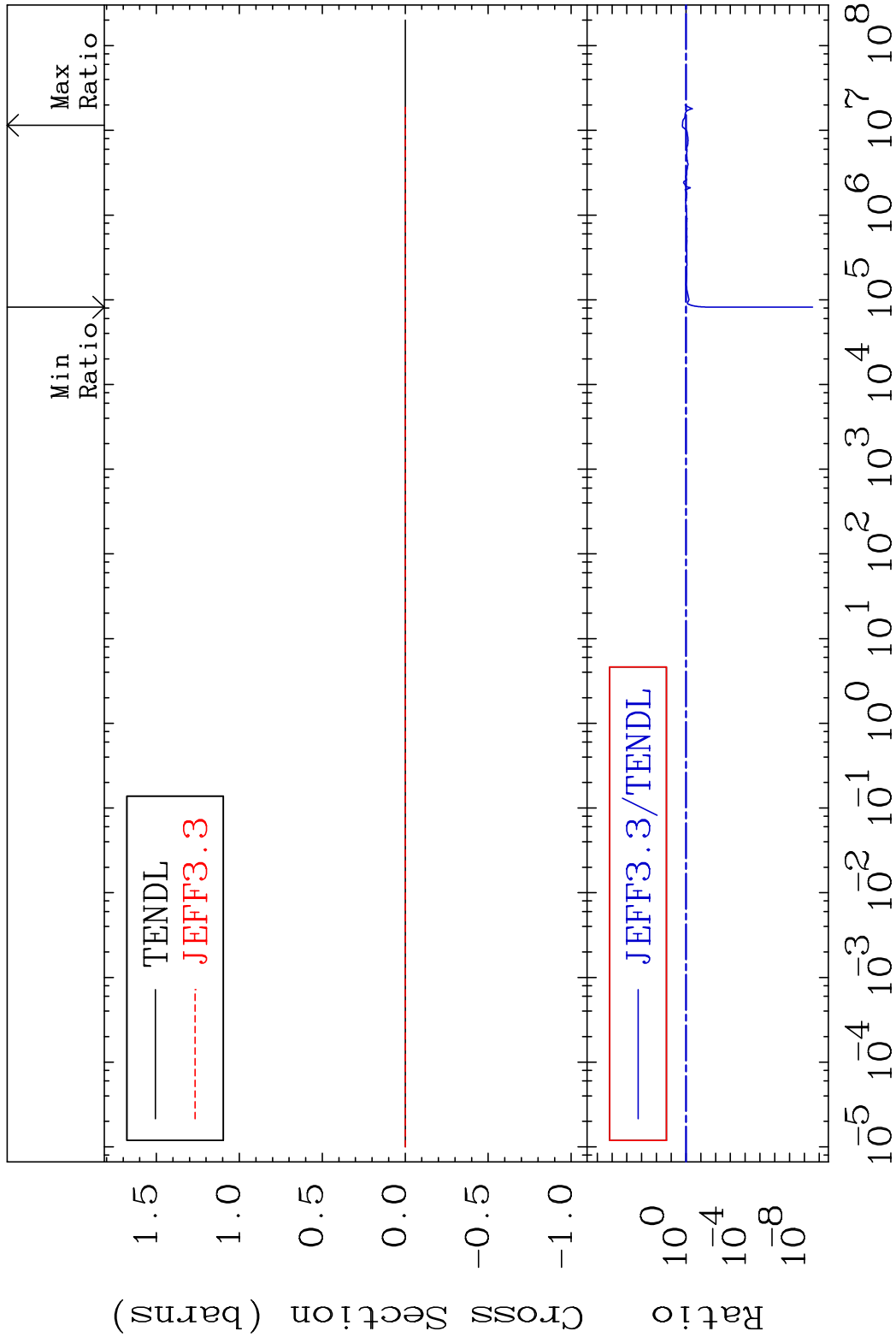
MAT 5525 Kerma non-elastic (all but mt2) 55-Cs-133
 Cross Section -121.0 To 47.15 %



MAT 5525 Kerma inelastic (mt51-91) 55-Cs-133
 Cross Section -100.0 To 76.41 %



MAT 5525 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-133
 Cross Section -100.0 To 76.41 %

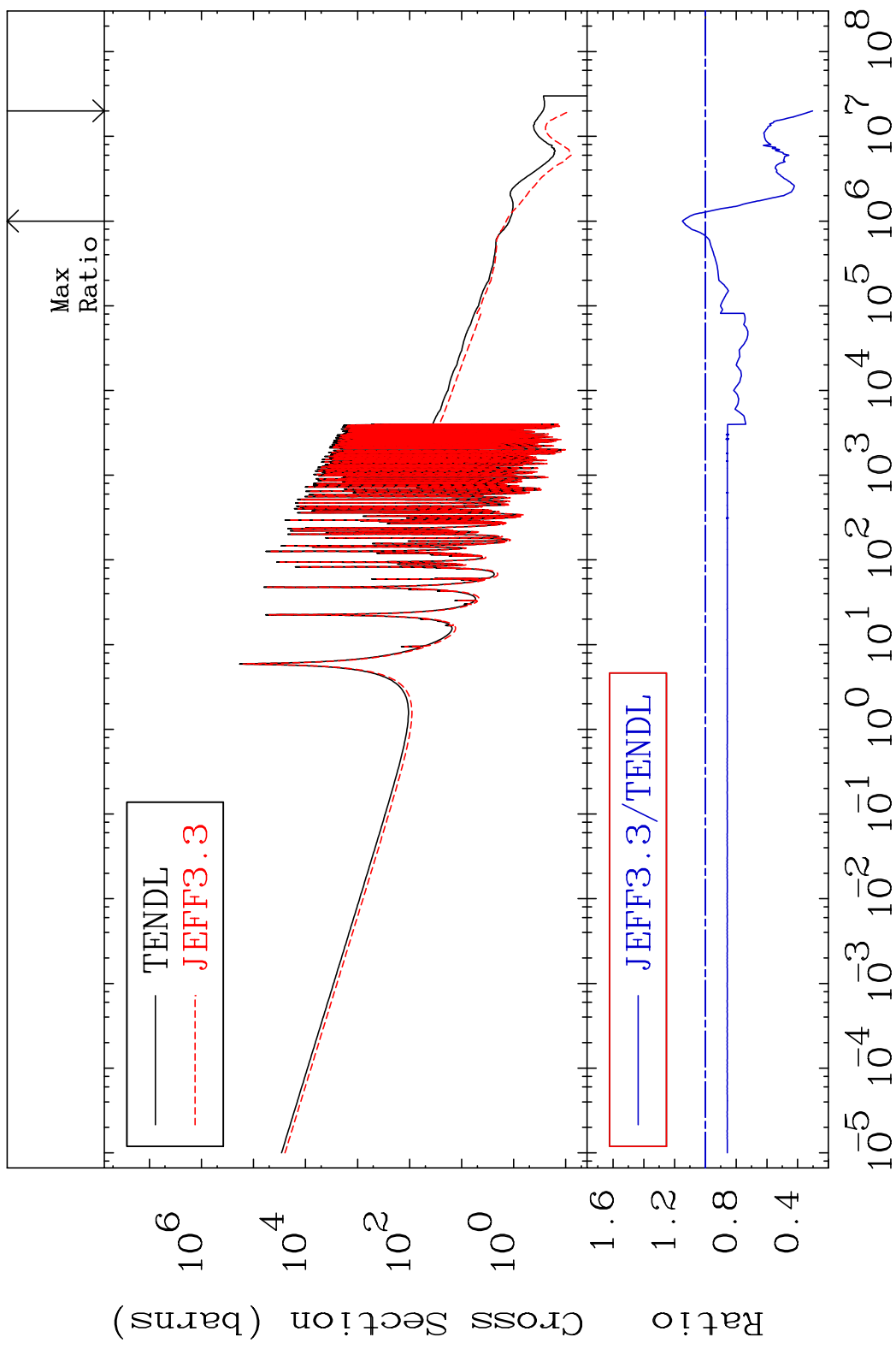


MAT 5525

Kerma capture (mt102)

55-Cs-133

Cross Section -69.68 To 14.96 %



35

Incident Energy (eV)

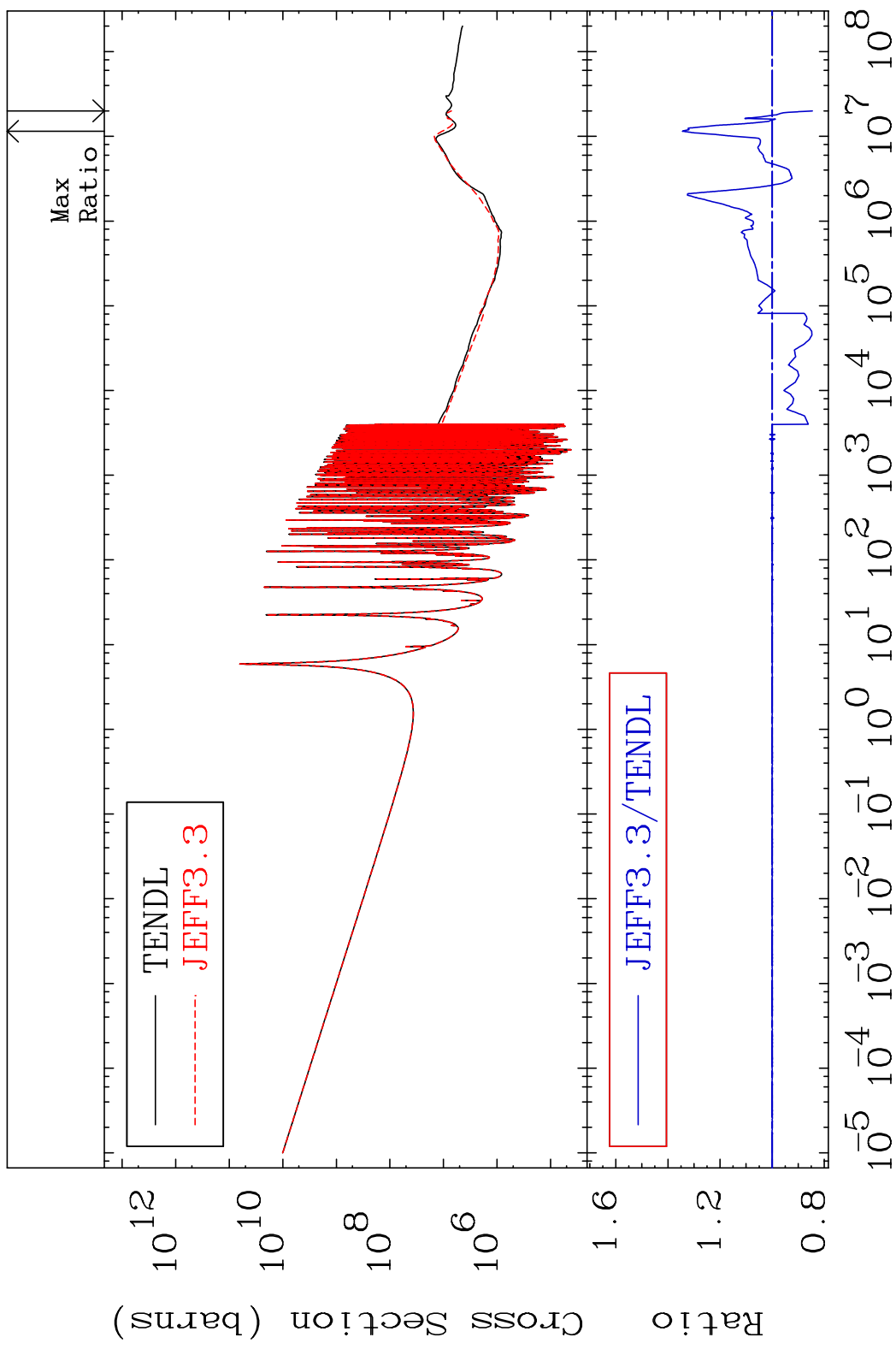
55-Cs-133

MAT 5525

Total photon (eV-barns)

55-Cs-133

Cross Section -15.48 To 34.47 %

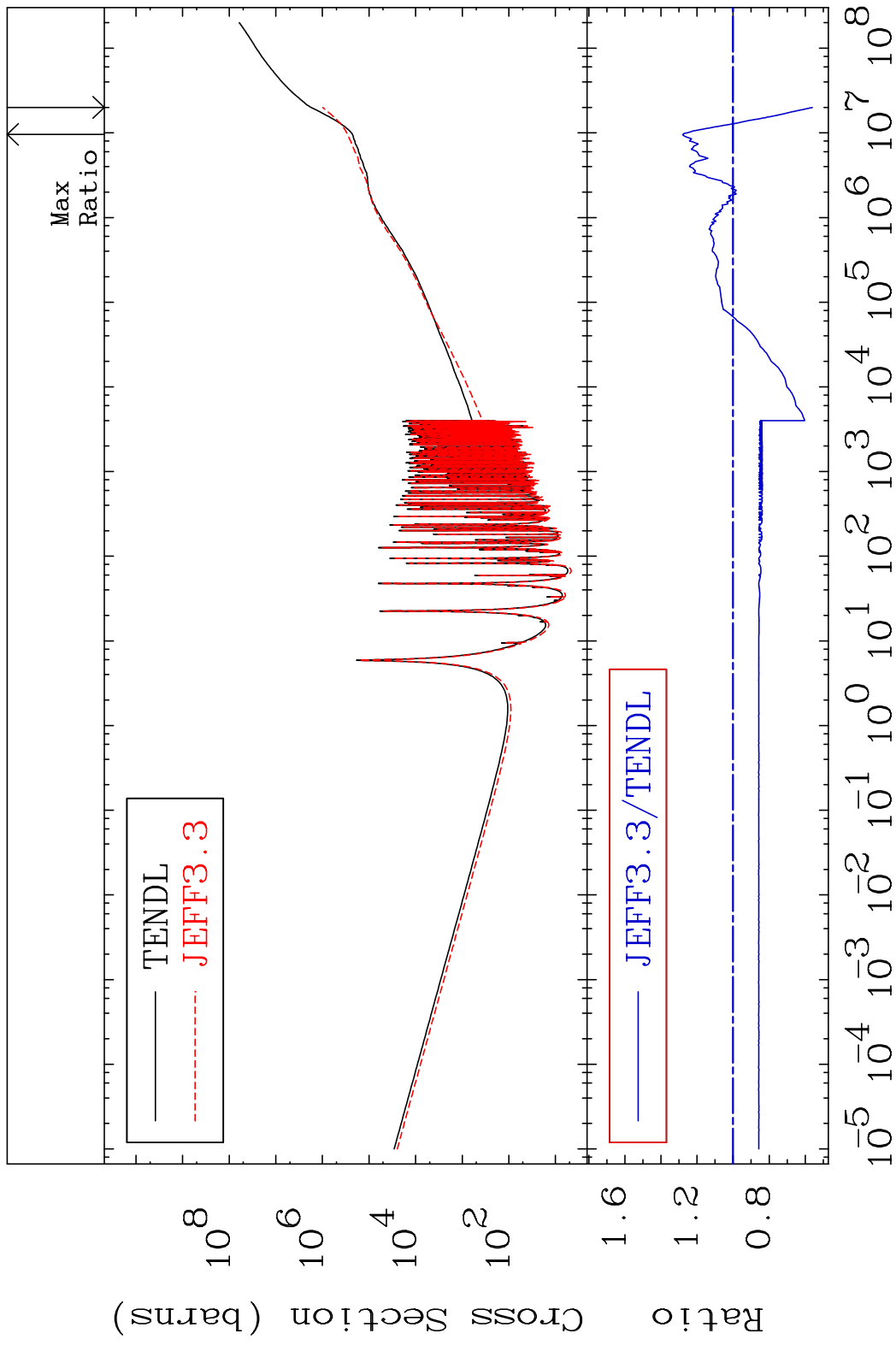


36

Incident Energy (eV)

55-Cs-133

MAT 5525 Total kinematic kerma (high limit) 55-Cs-133
Cross Section -44.05 To 28.13 %



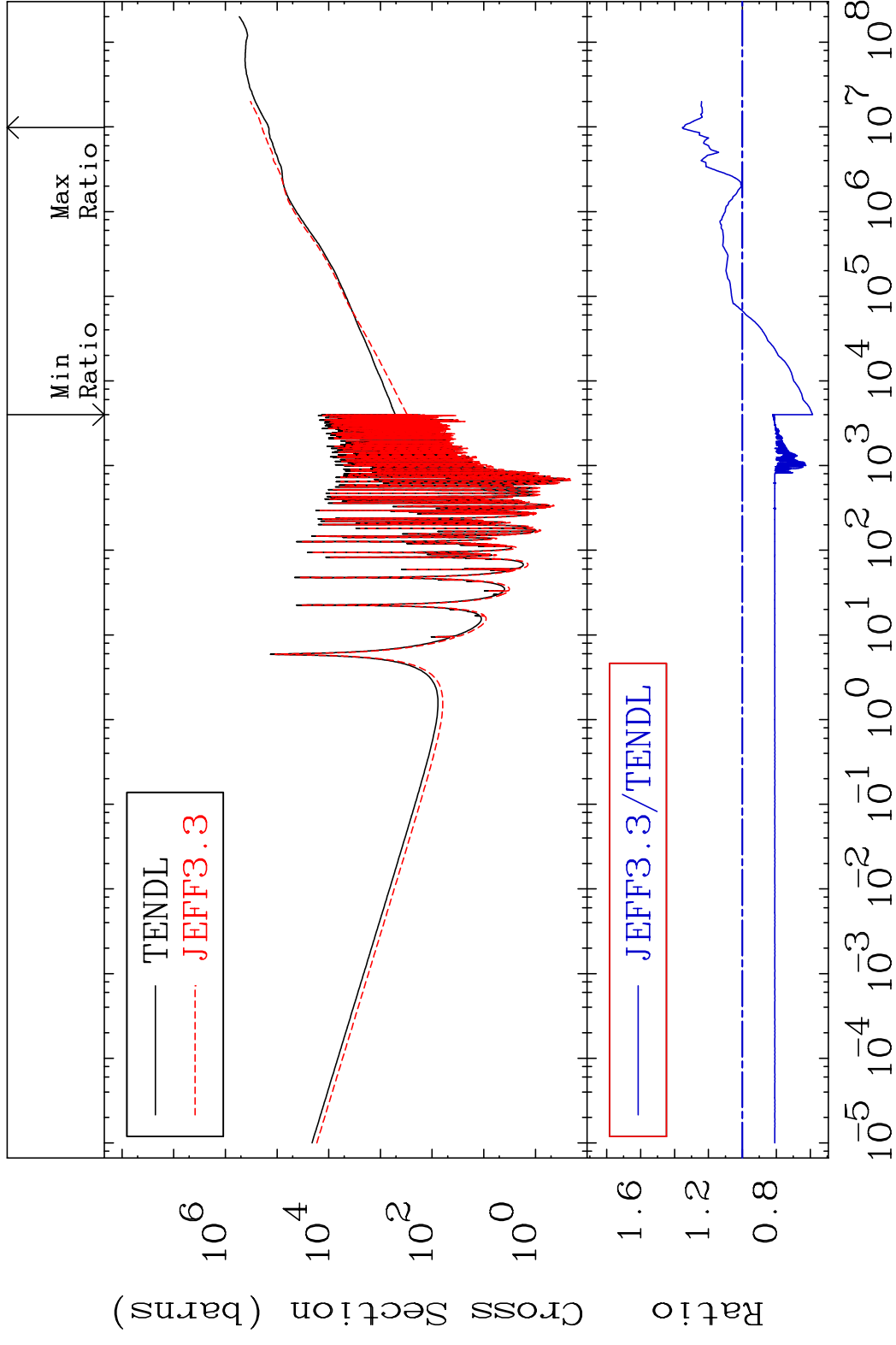
MAT 5525

Dpa total (eV-barns)

55-Cs-133

Cross Section

-41.36 To 35.38 %



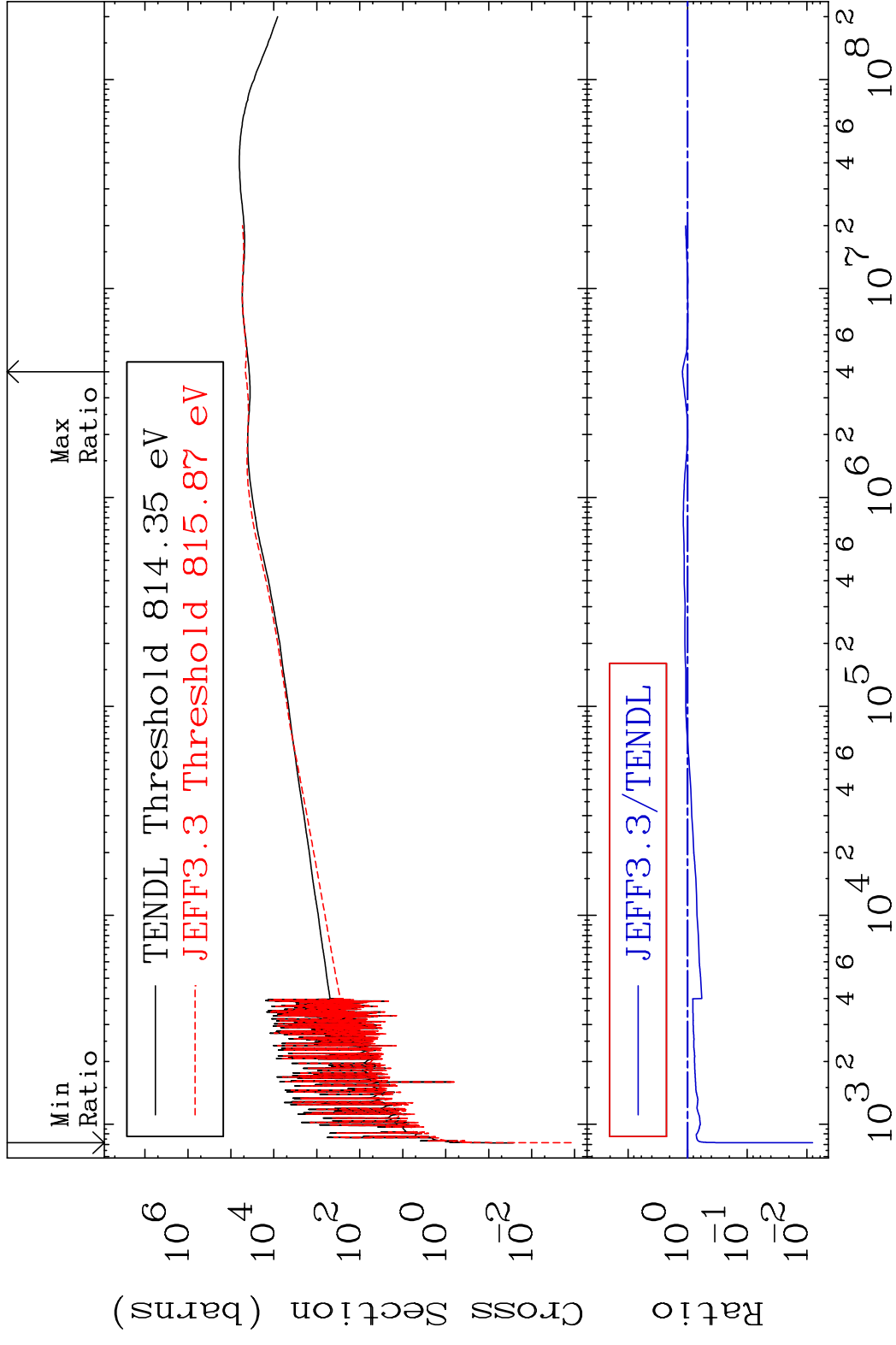
MAT 5525

Dpa elastic (mt2)

55-Cs-133

Cross Section

-99.20 To 22.65 %

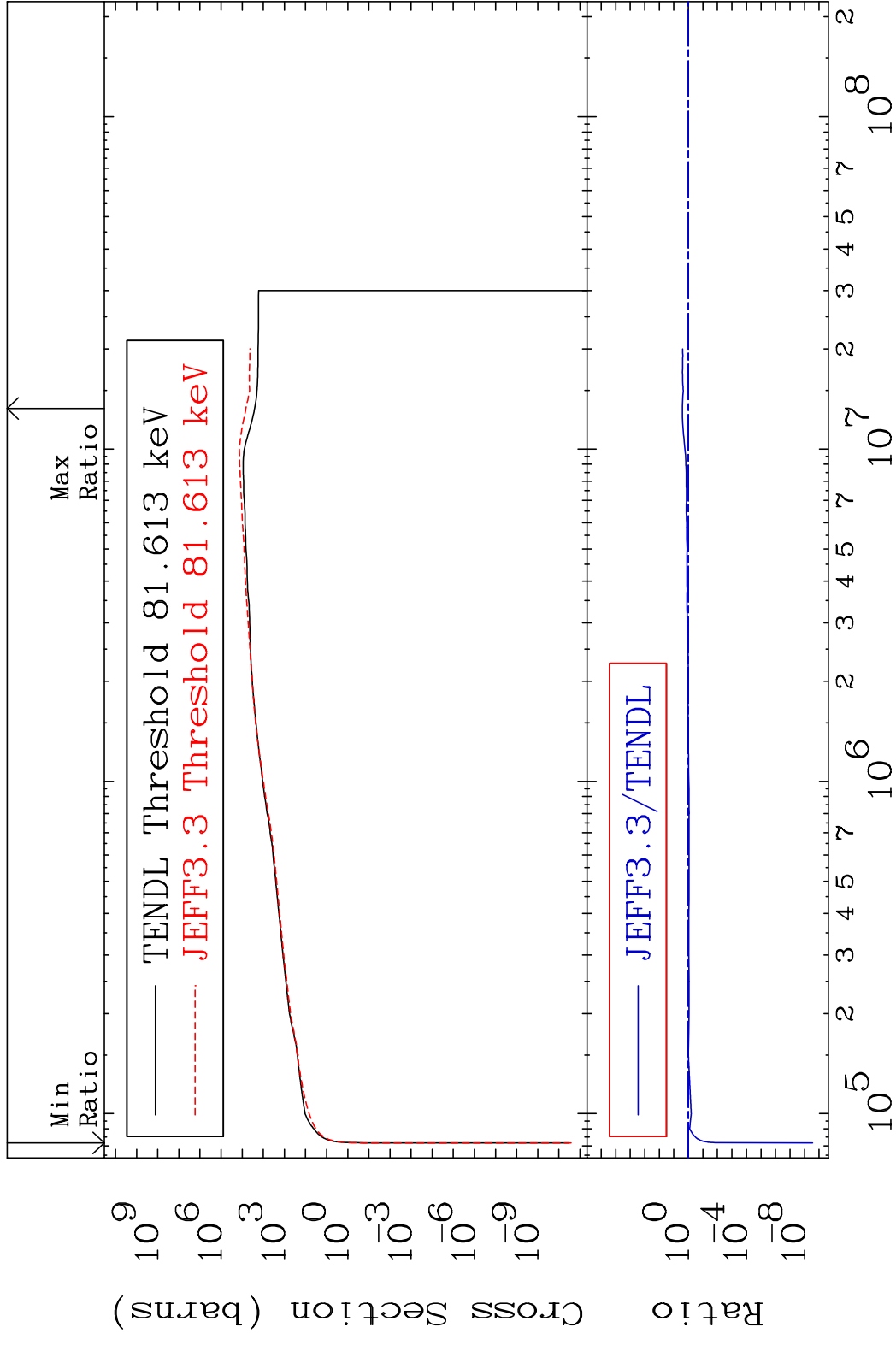


39

Incident Energy (eV)

55-Cs-133

MAT 5525 Dpa inelastic (mt51-91) 55-Cs-133
 Cross Section -100.0 To 158.8 %



40 Incident Energy (eV) 55-Cs-133

MAT 5525 Dpa disappearance (mt102 -120) 55-Cs-133
Cross Section -64.68 To 96.78 %

