

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

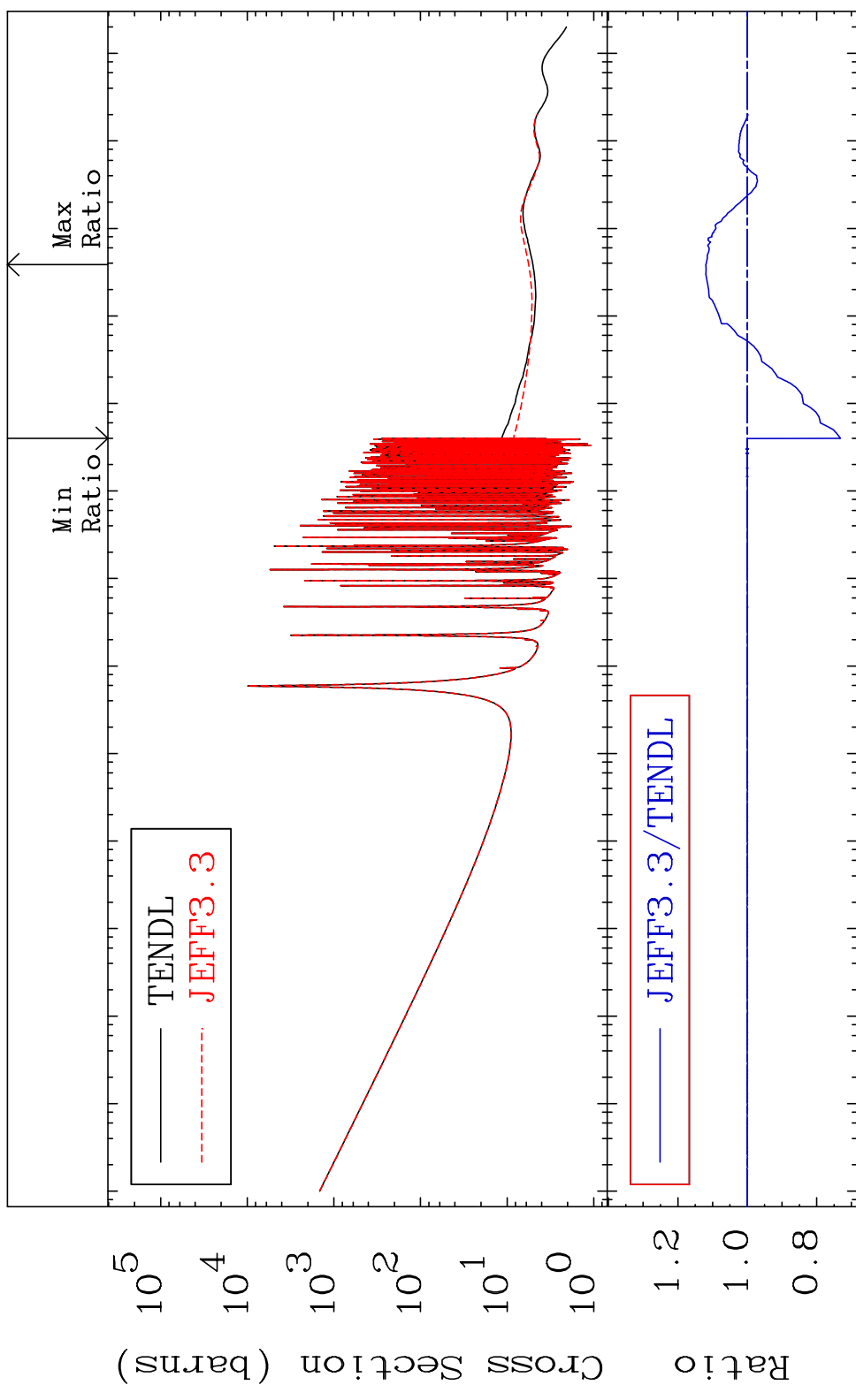
MAT 5525

Total

55-Cs-133

Cross Section

-26.85 To 11.96 %



1

Incident Energy (eV)

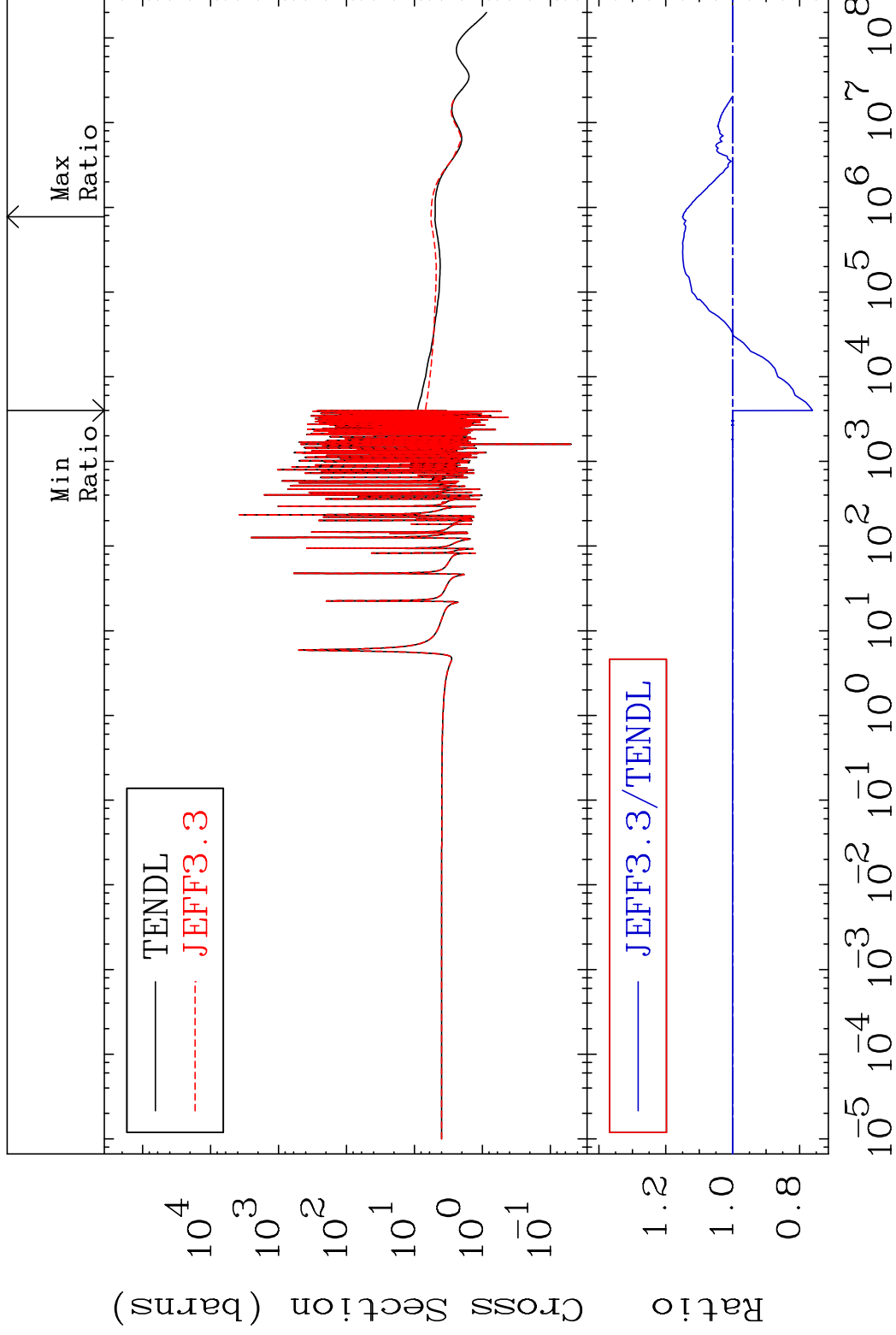
55-Cs-133

MAT 5525

Elastic

55-Cs-133

Cross Section -23.91 To 15.05 %

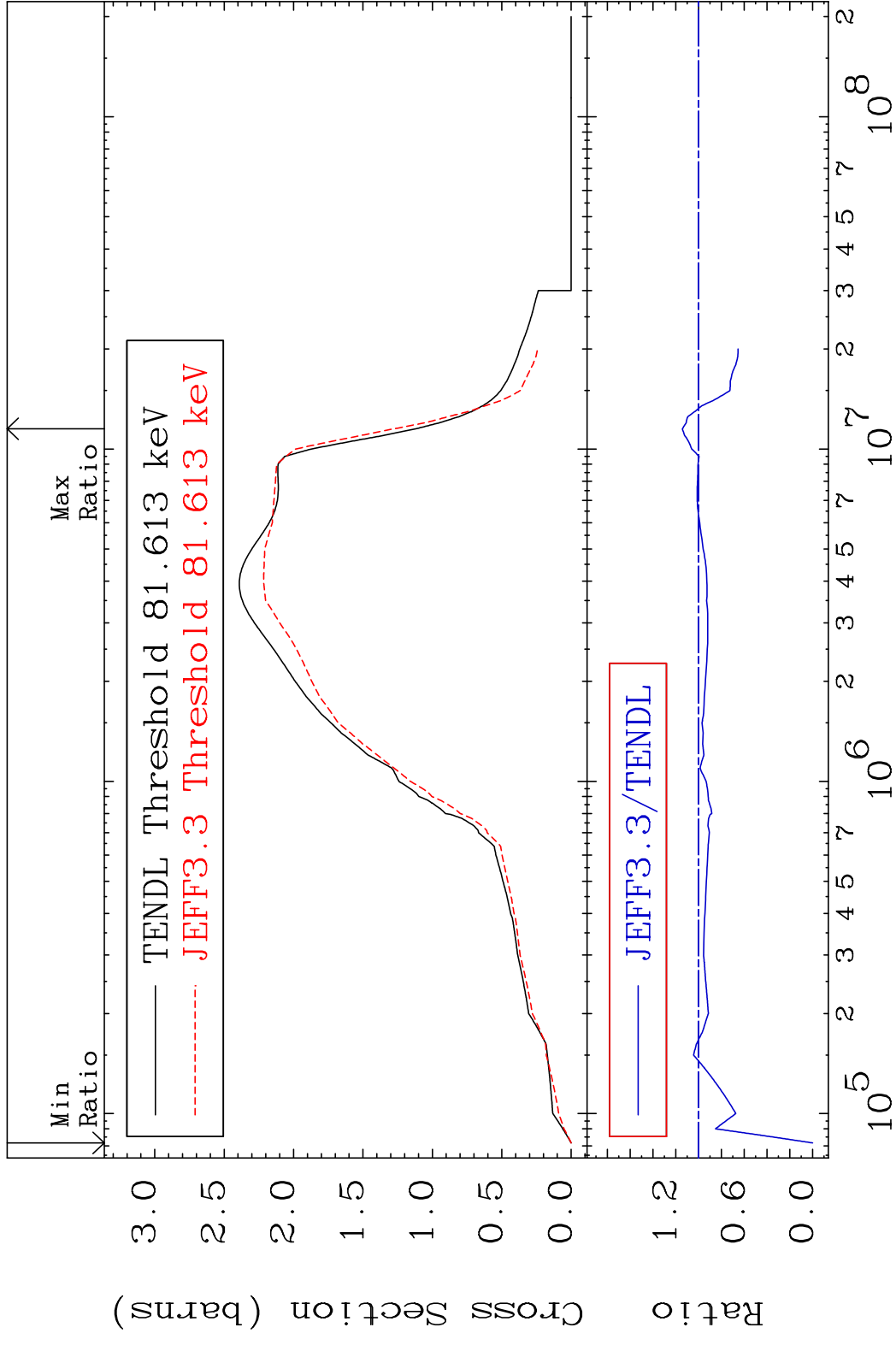


2

Incident Energy (eV)

55-Cs-133

MAT 5525 Inelastic 55-Cs-133
 Cross Section -100.0 To 14.23 %



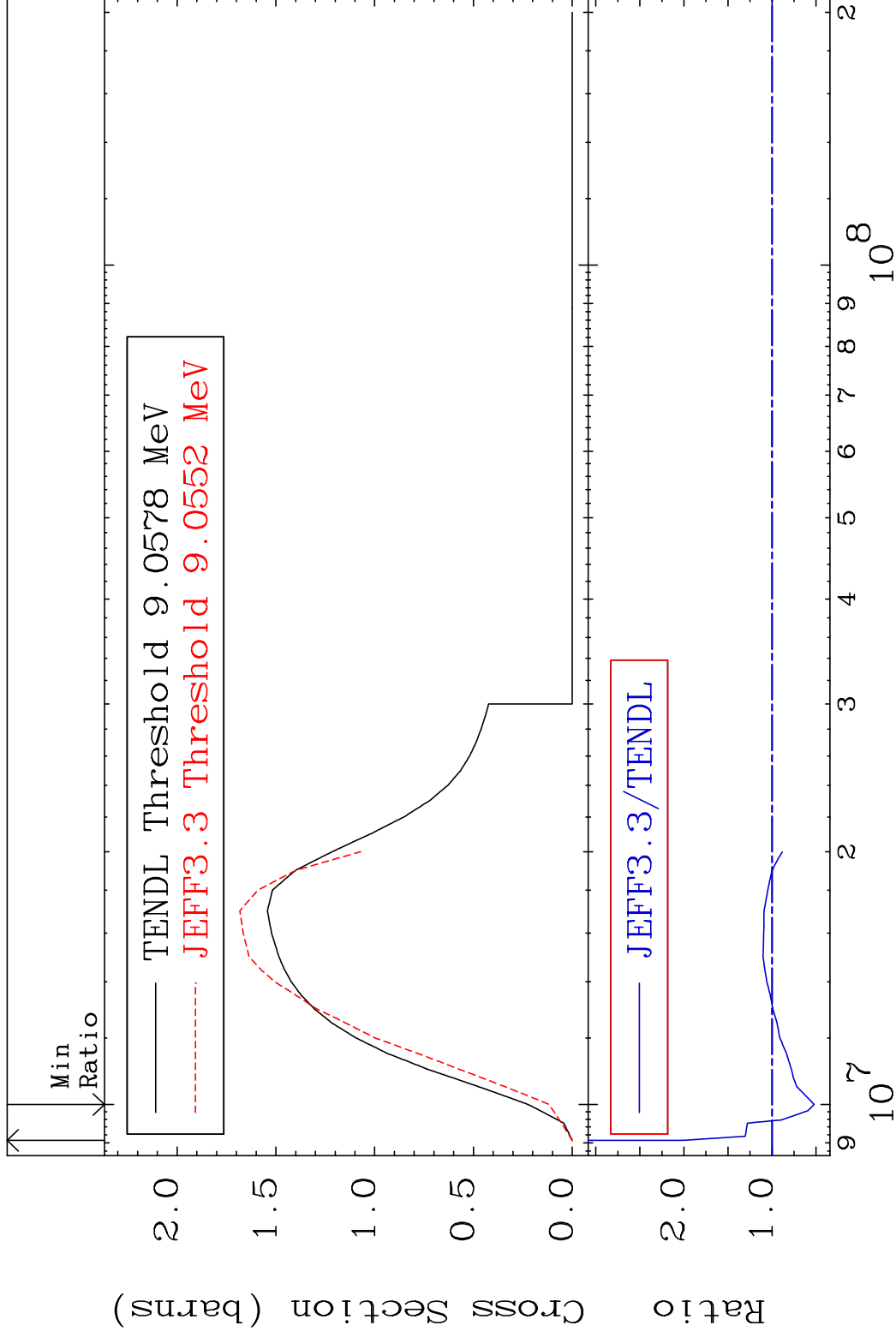
3 3 4 5 7 2 3 4 5 7 2 3 4 5 7 8 2 55-Cs-133

MAT 5525

(n,2n)

55-Cs-133

Cross Section -47.74 To 100.3 %



4

Incident Energy (eV)

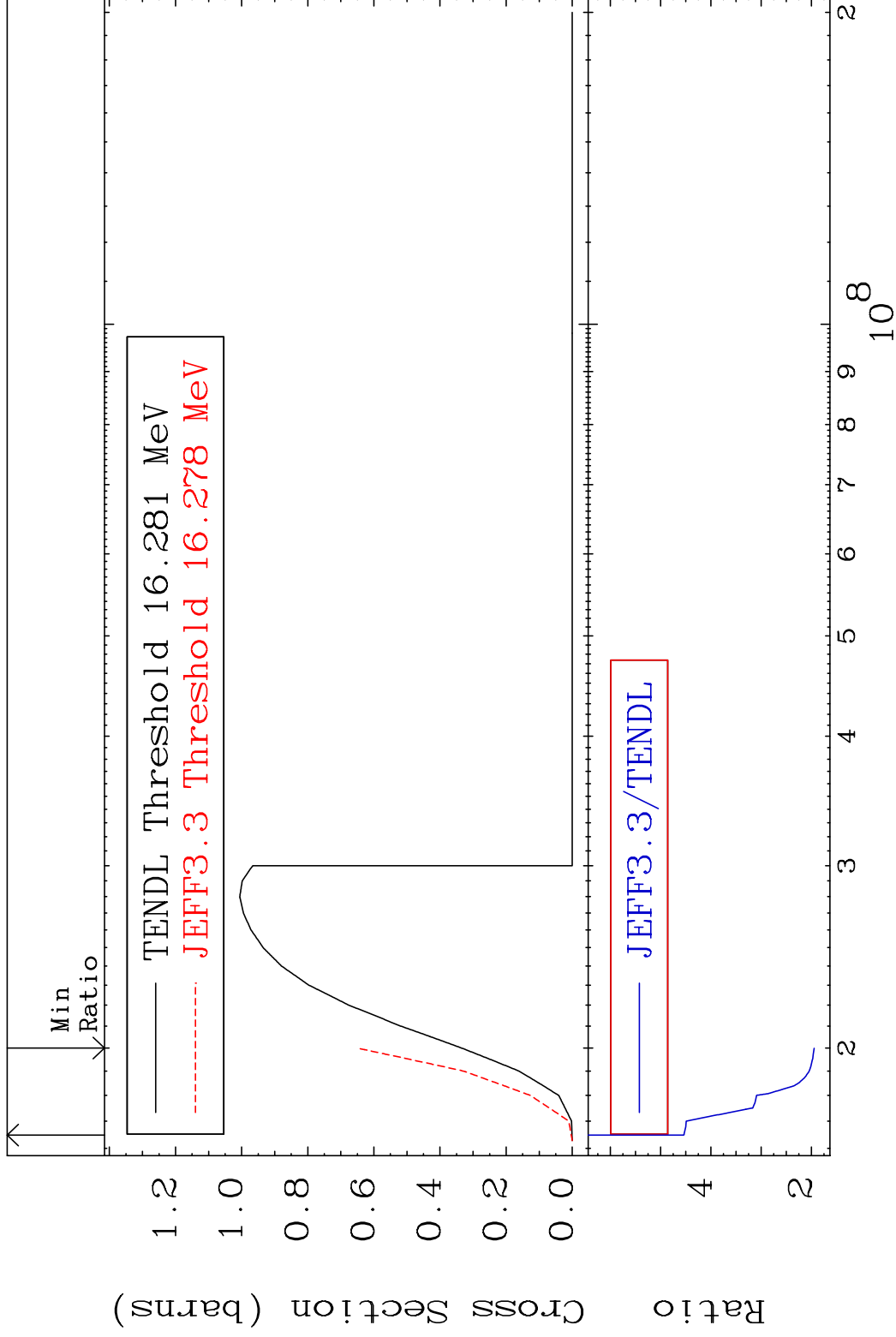
55-Cs-133

MAT 5525

(n,3n)

55-Cs-133

Cross Section 94.62 To 354.0 %



5

Incident Energy (eV)

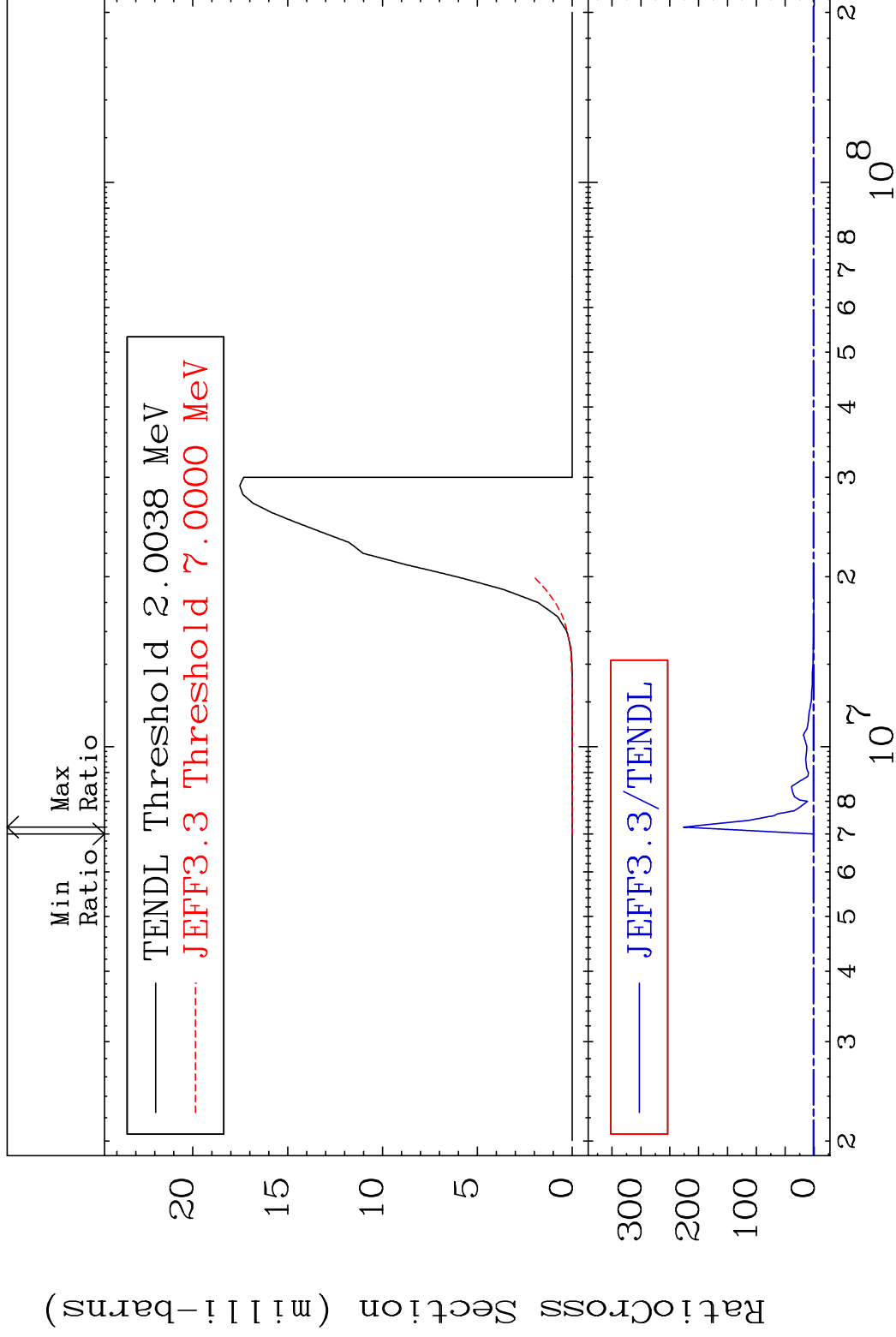
55-Cs-133

MAT 5525

(n, n') α

55-Cs-133

Cross Section -100.0 To 9999. %

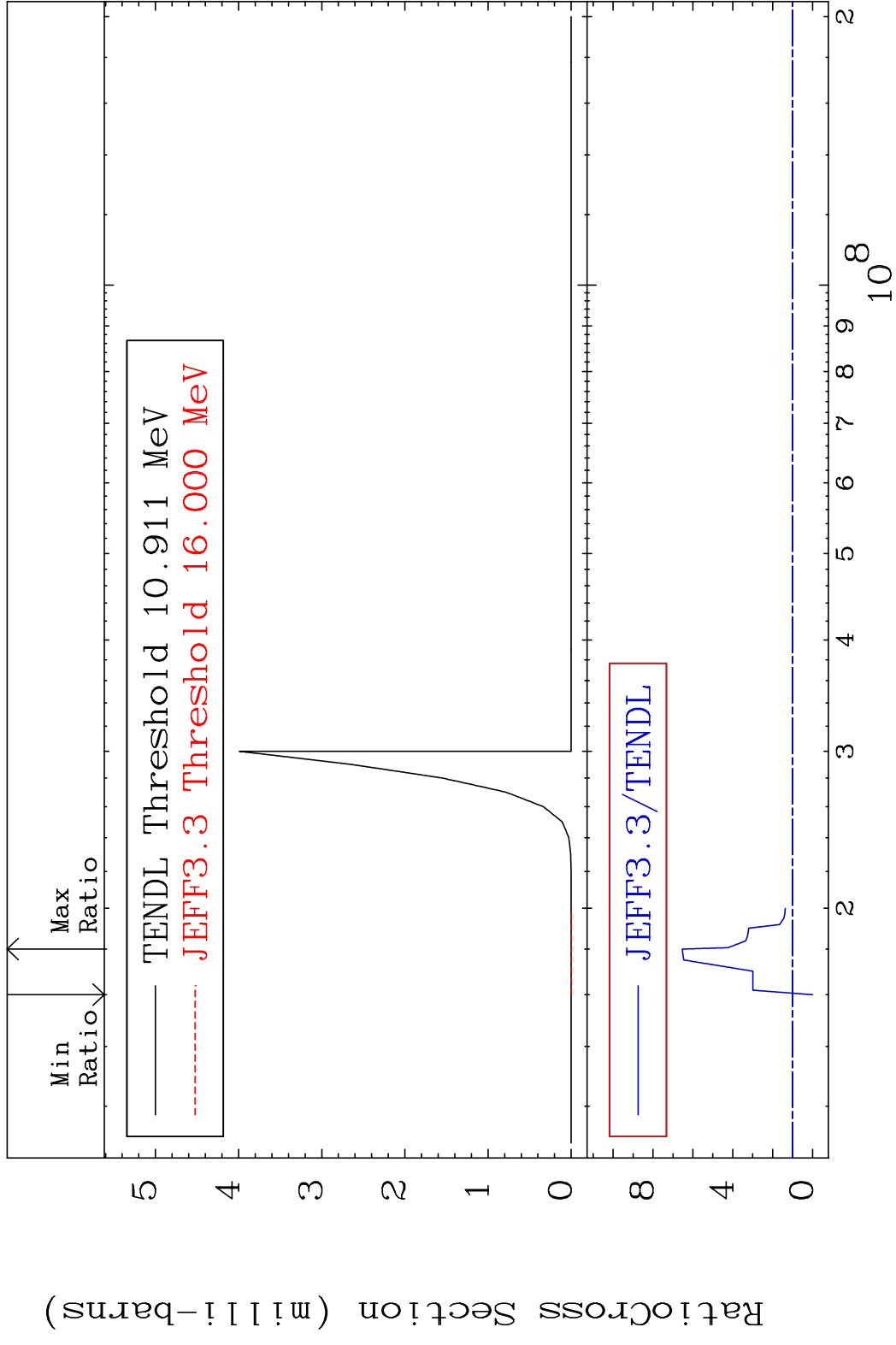


6

Incident Energy (eV)

55-Cs-133

MAT 5525 (n,2n) α 55-Cs-133
 Cross Section -100.0 To 552.8 %

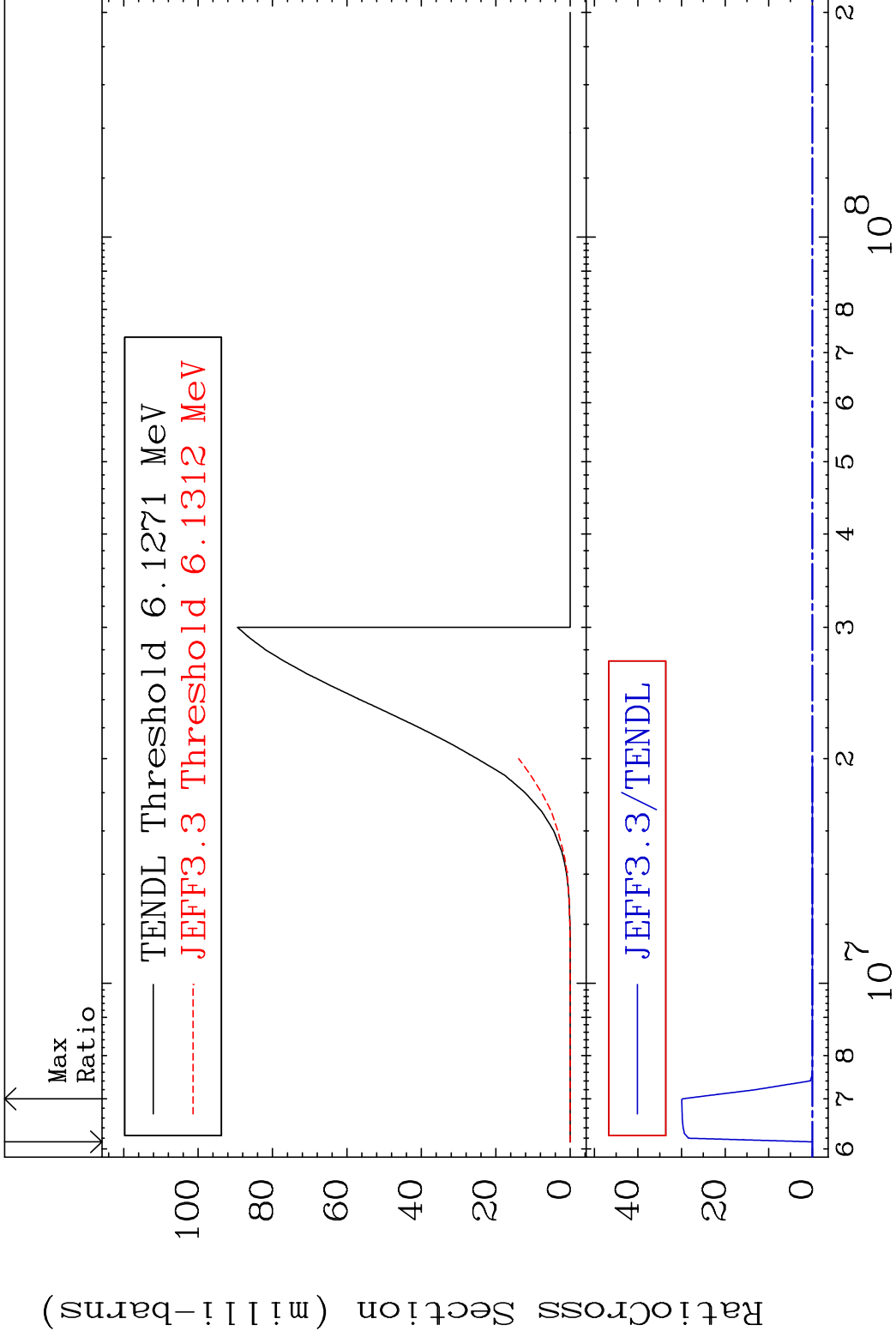


MAT 5525

(n, n') p

55-Cs-133

Cross Section -100.0 To 9999. %

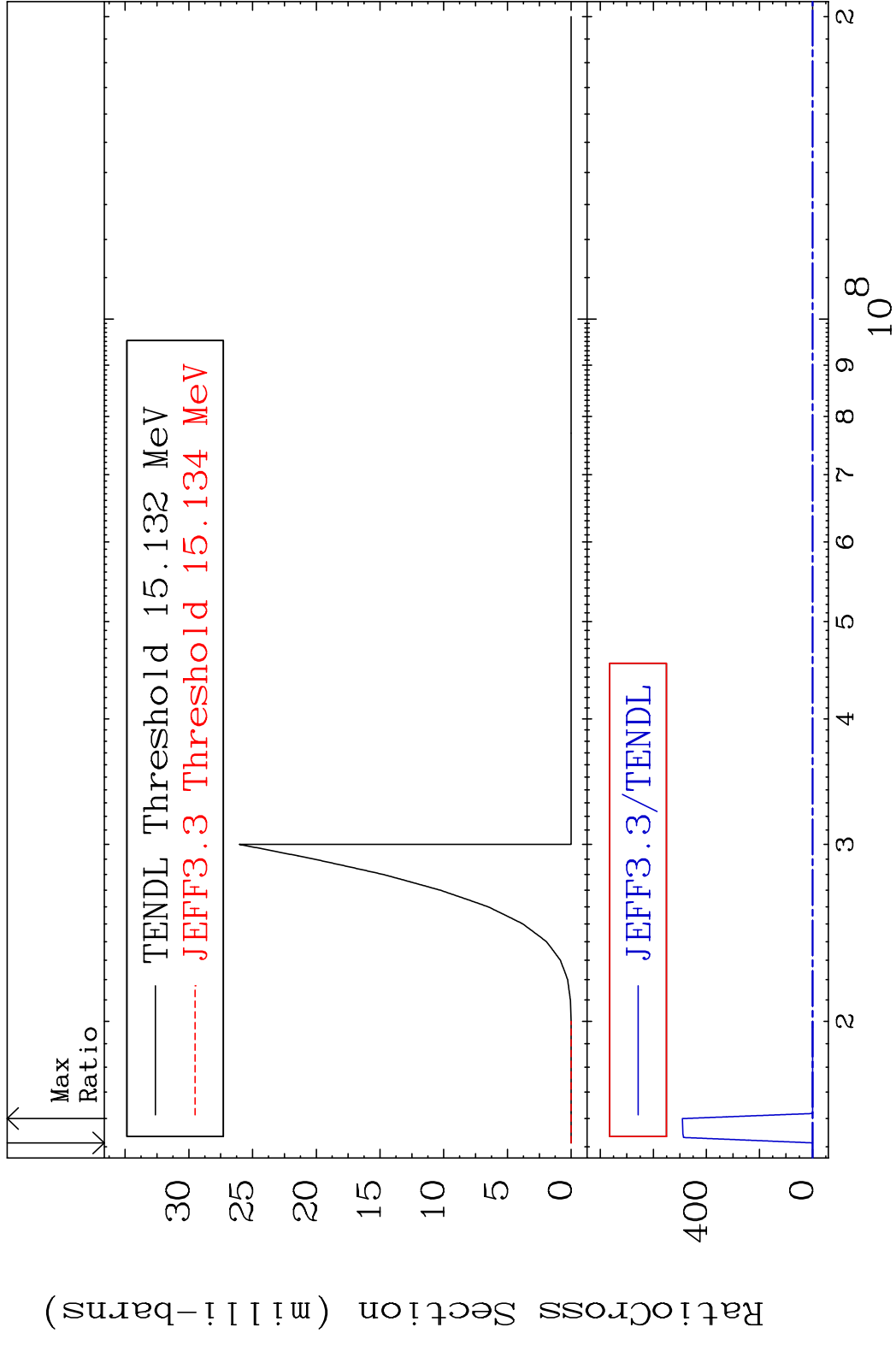


8

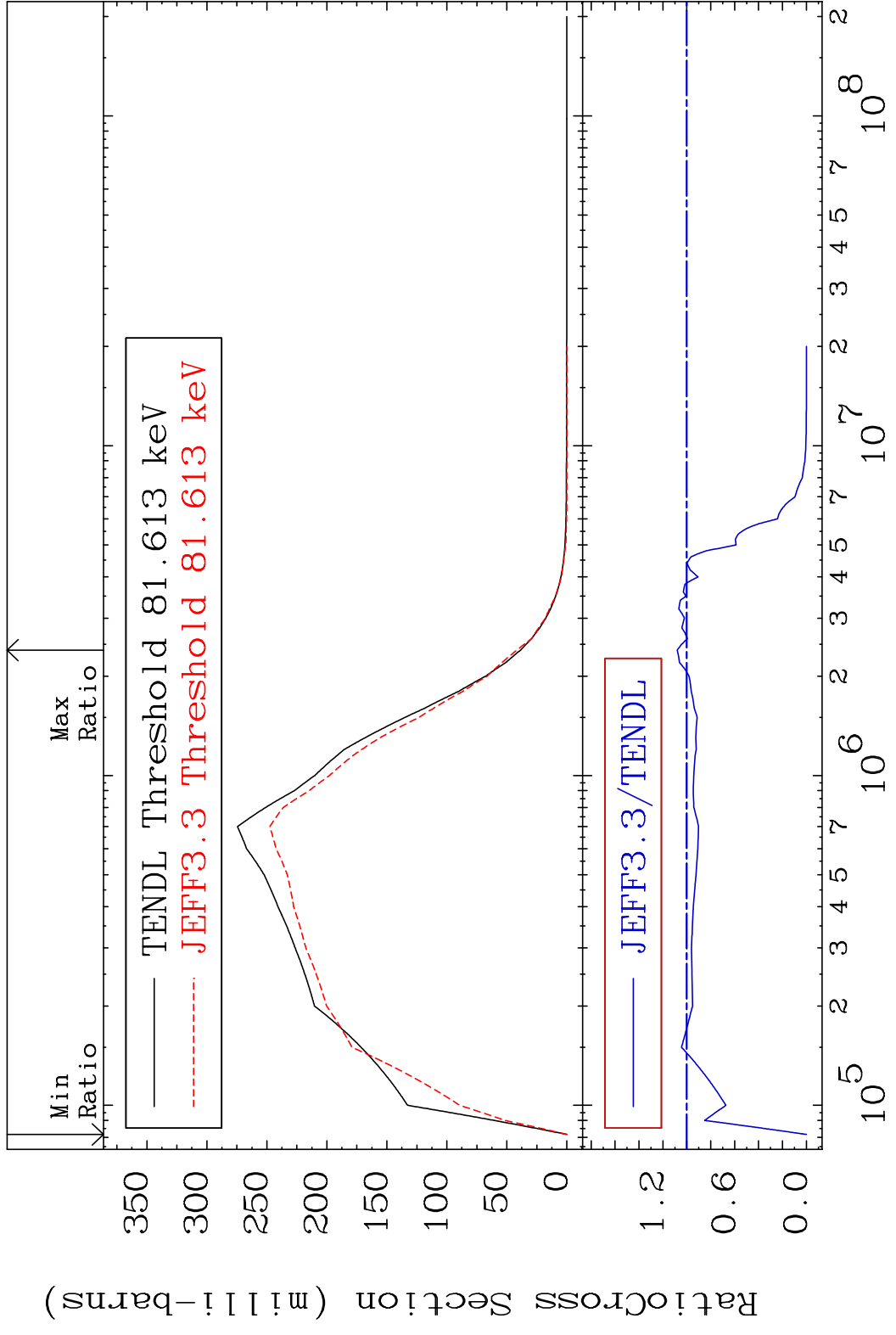
Incident Energy (eV)

55-Cs-133

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

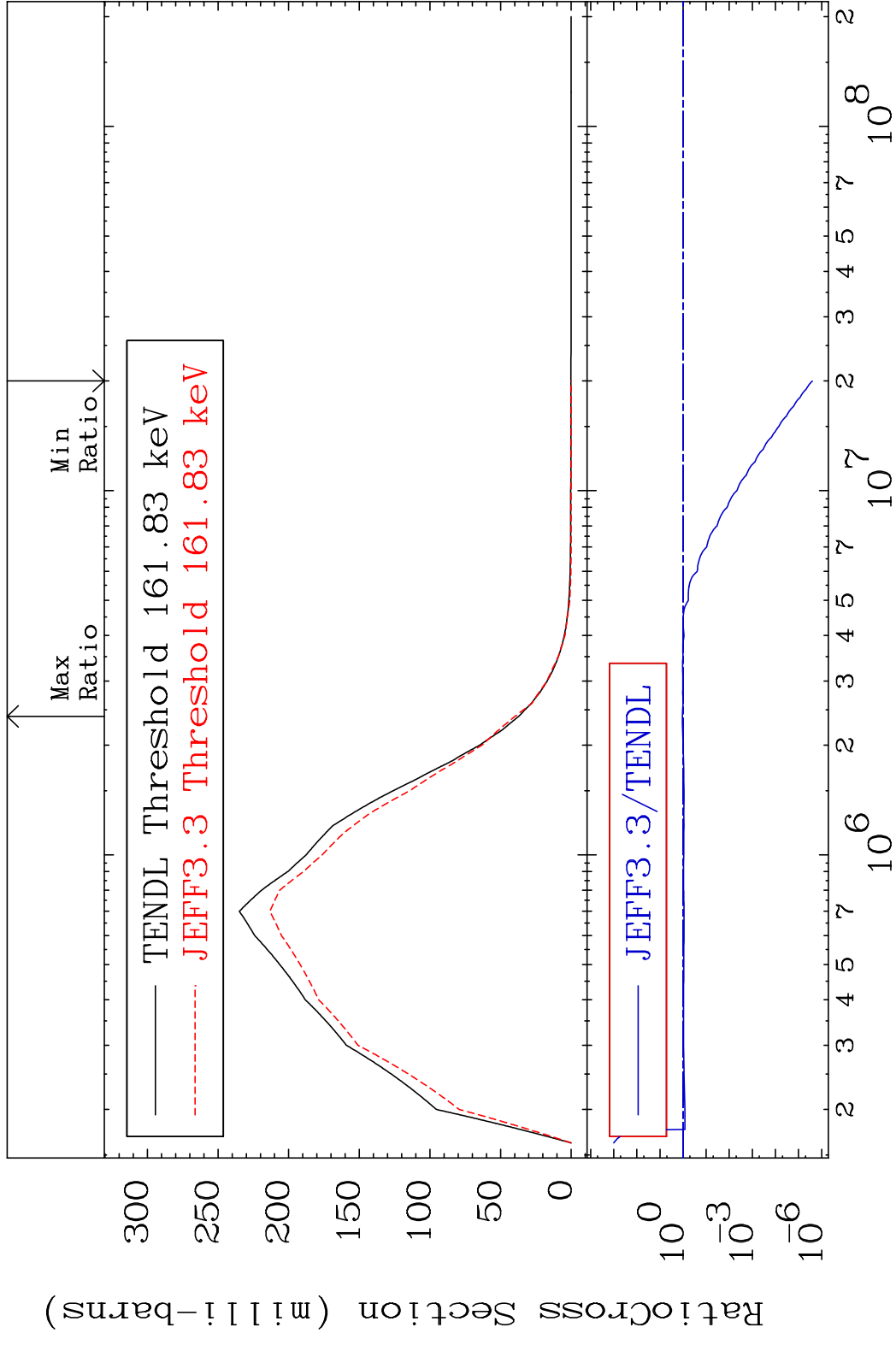


MAT 5525 MT= 51 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 8.061 %

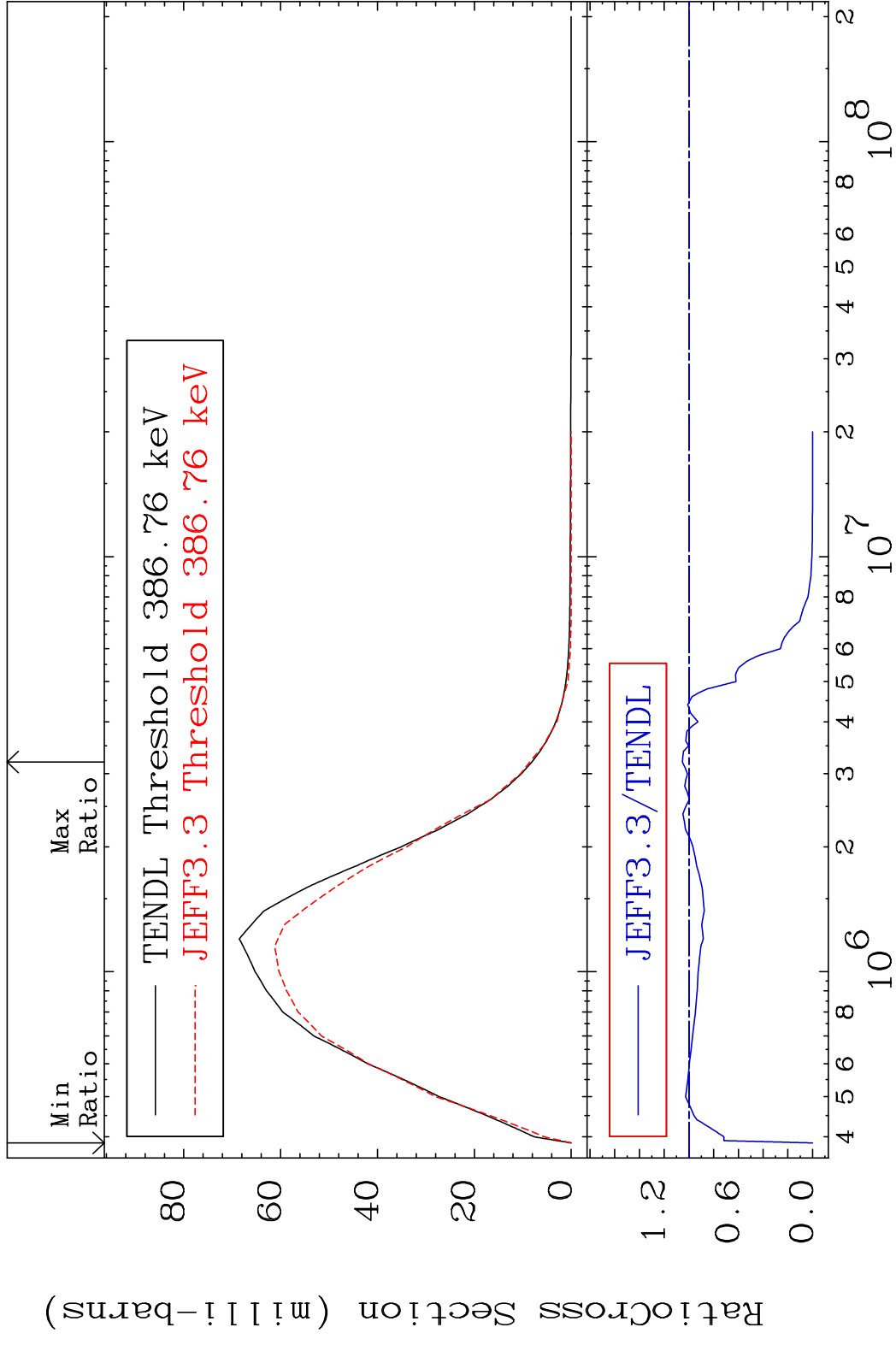


10 Incident Energy (eV) 55-Cs-133

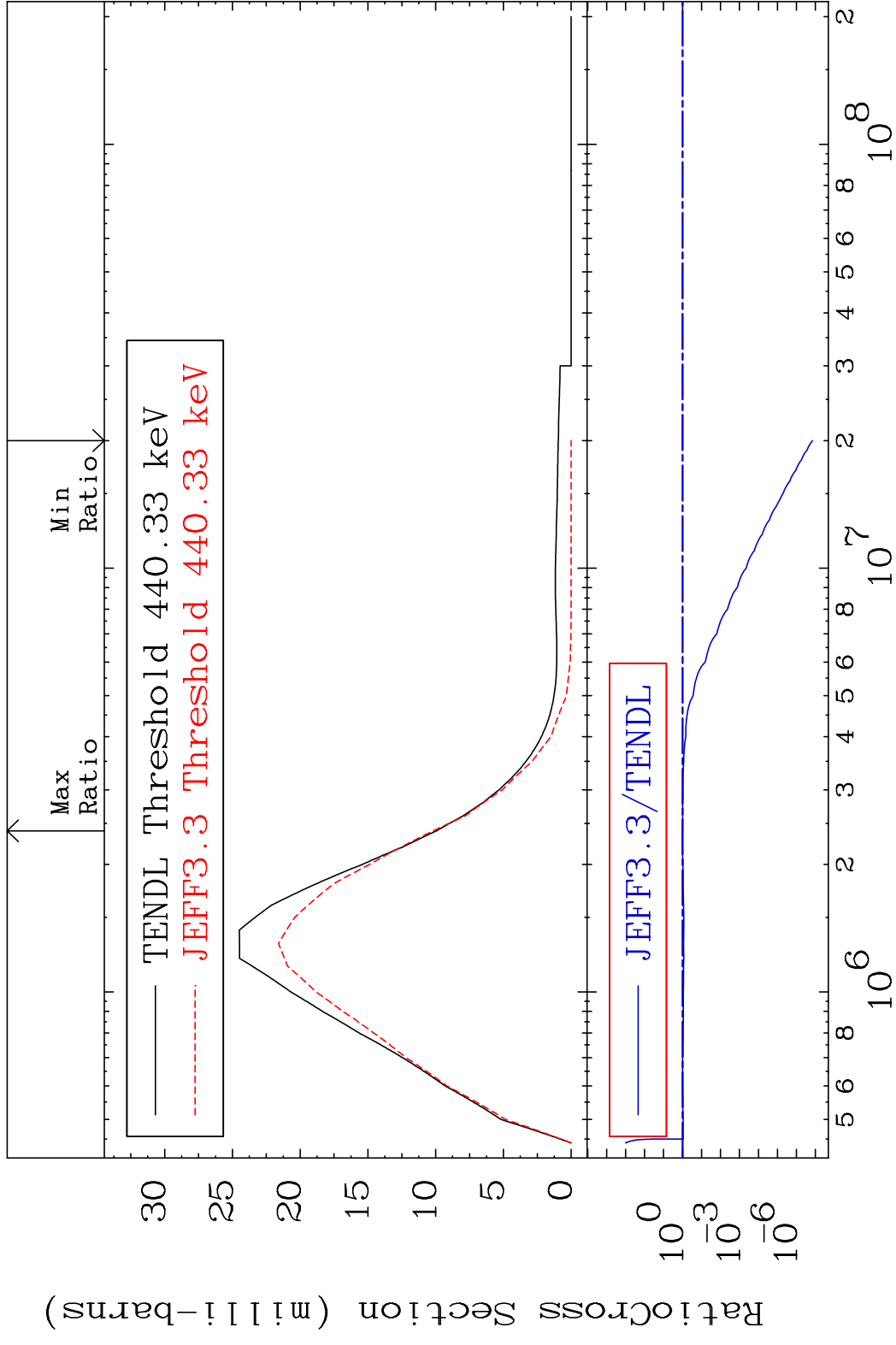
MAT 5525 MT= 52 (n,n') Level 55-Cs-133
 Cross Section -100.0 To 6.974 %



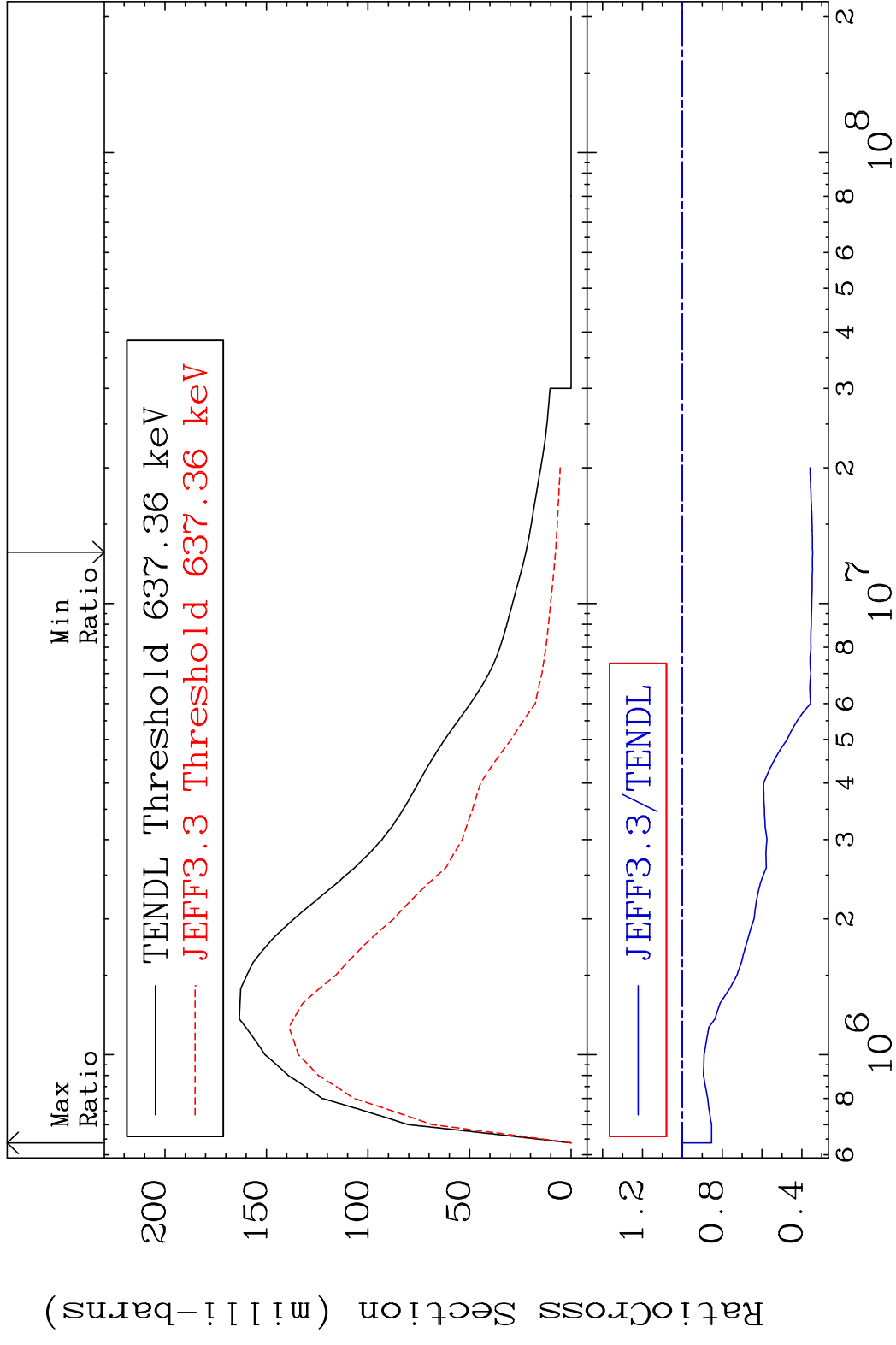
MAT 5525 MT= 53 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 5.312 %



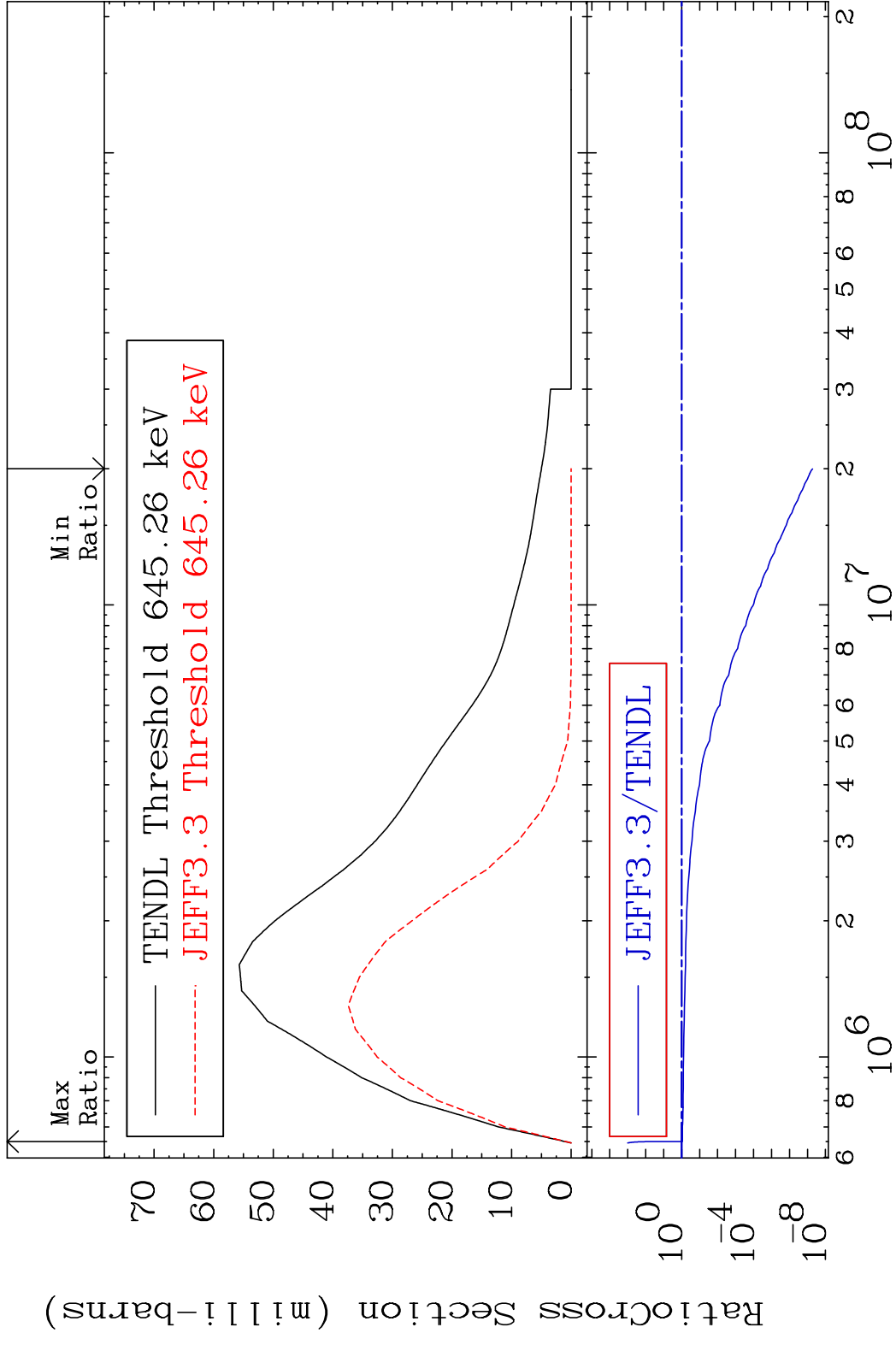
MAT 5525 MT= 54 (n,n') Level 55-Cs-133
 Cross Section -100.0 To 2.415 %



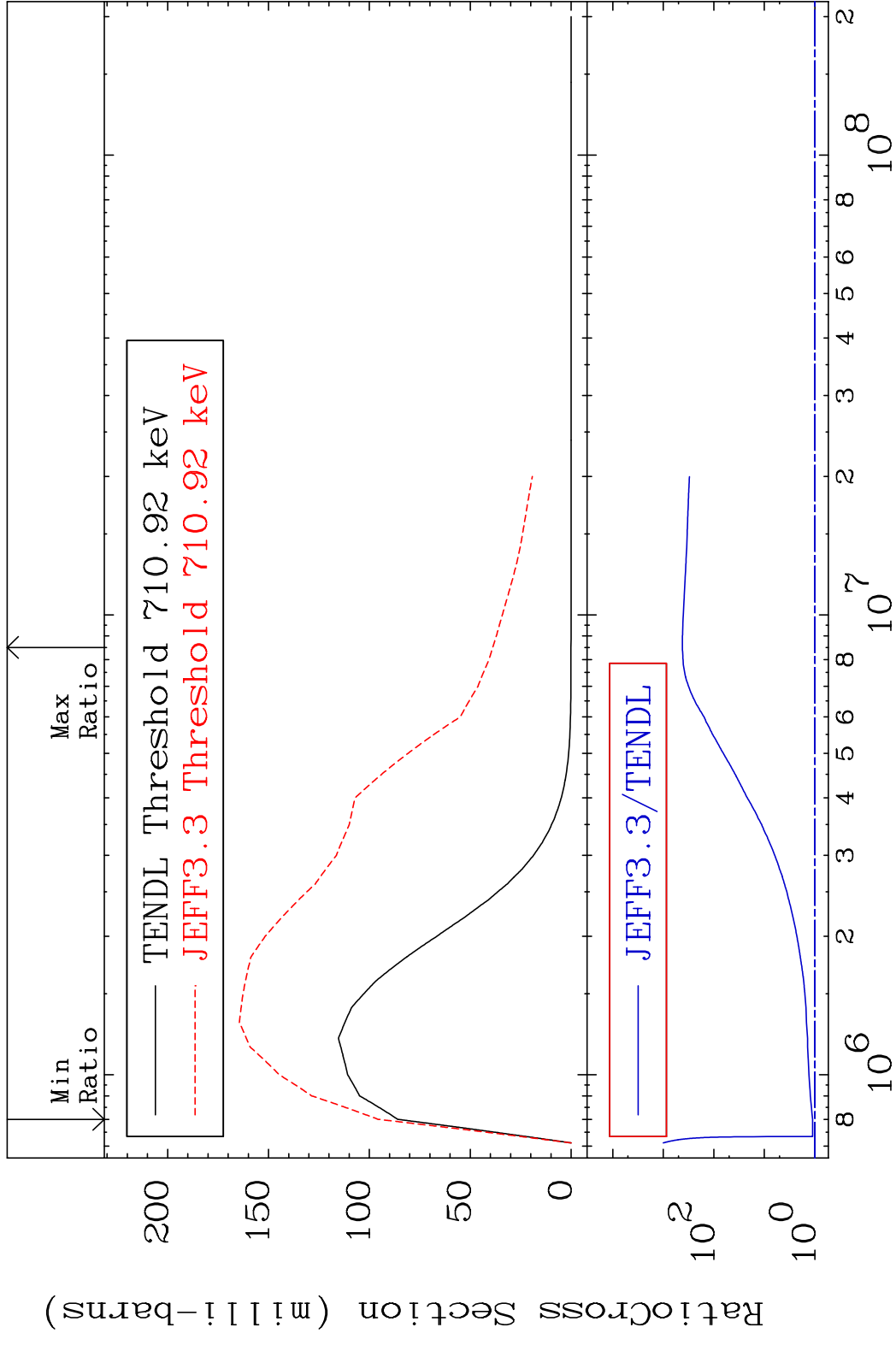
MAT 5525 MT= 55 (n, n') Level 55-Cs-133
 Cross Section -65.36 To 0.000 %



MAT 5525 MT= 56 (n,n') Level 55-Cs-133
 Cross Section -100.0 To -8.626%

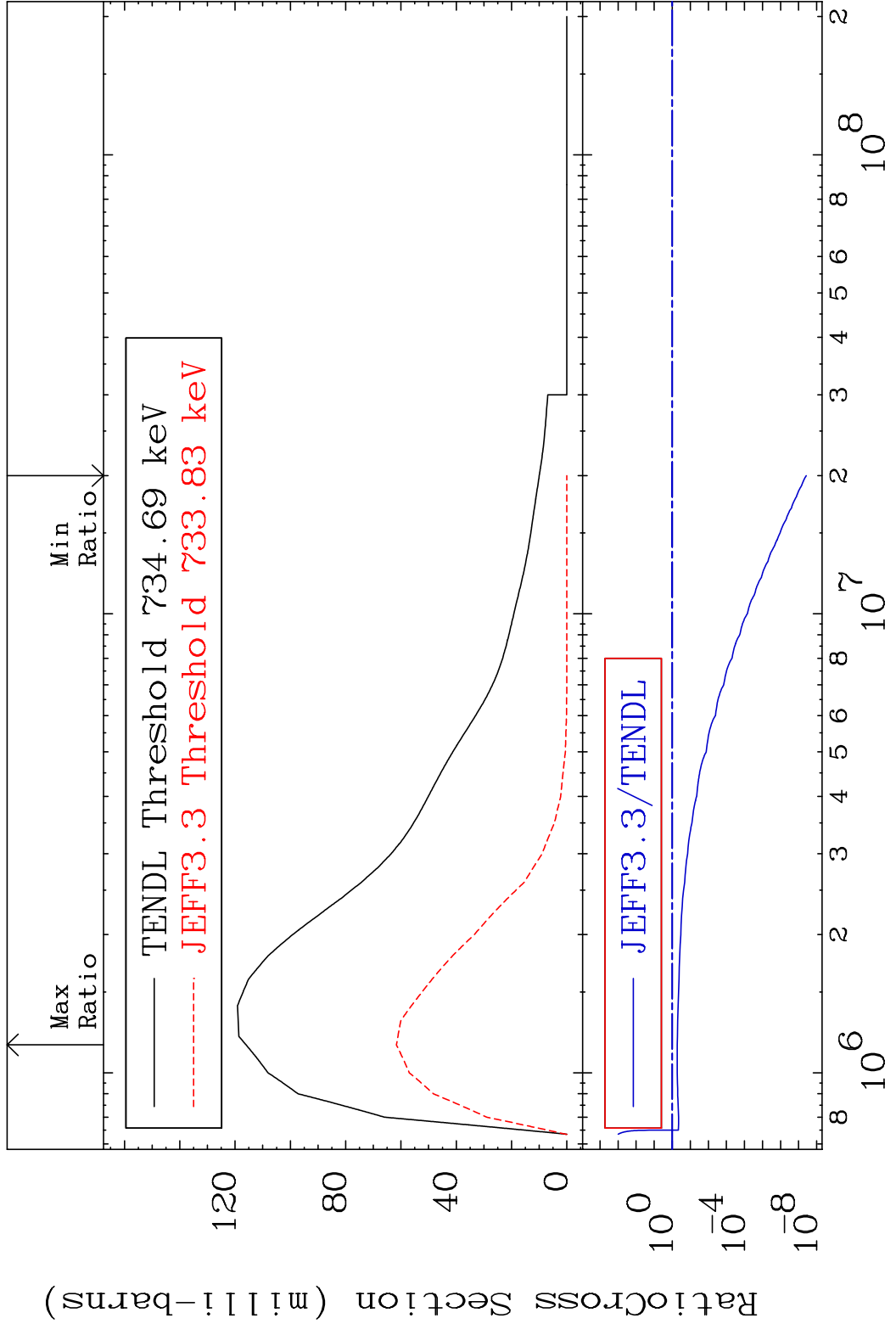


MAT 5525 MT= 57 (n, n') Level 55-Cs-133
 Cross Section 11.33 To 9999. %

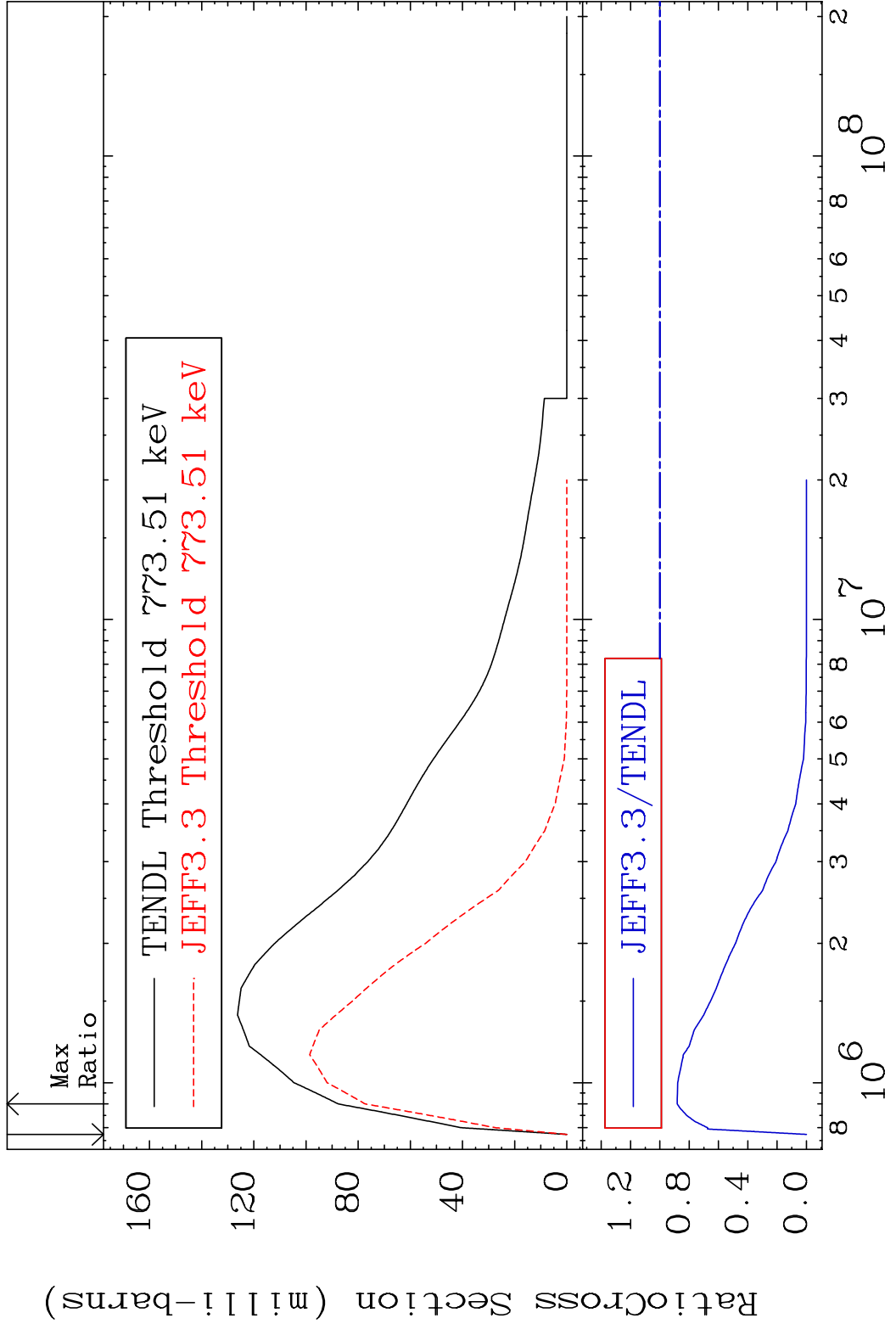


16 Incident Energy (eV) 55-Cs-133

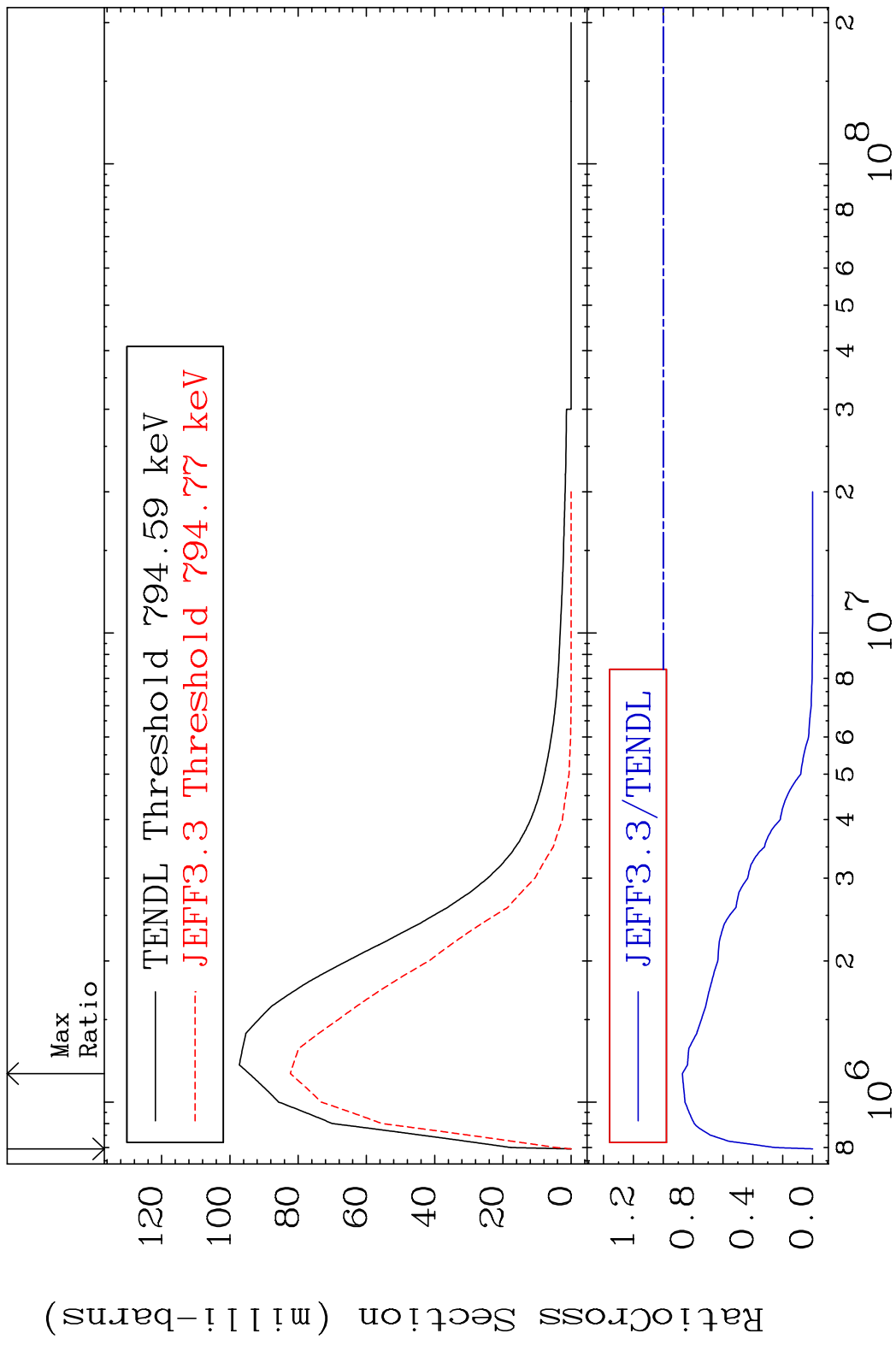
MAT 5525 MT= 58 (n, n') Level 55-Cs-133
 Cross Section -100.0 To -46.86%



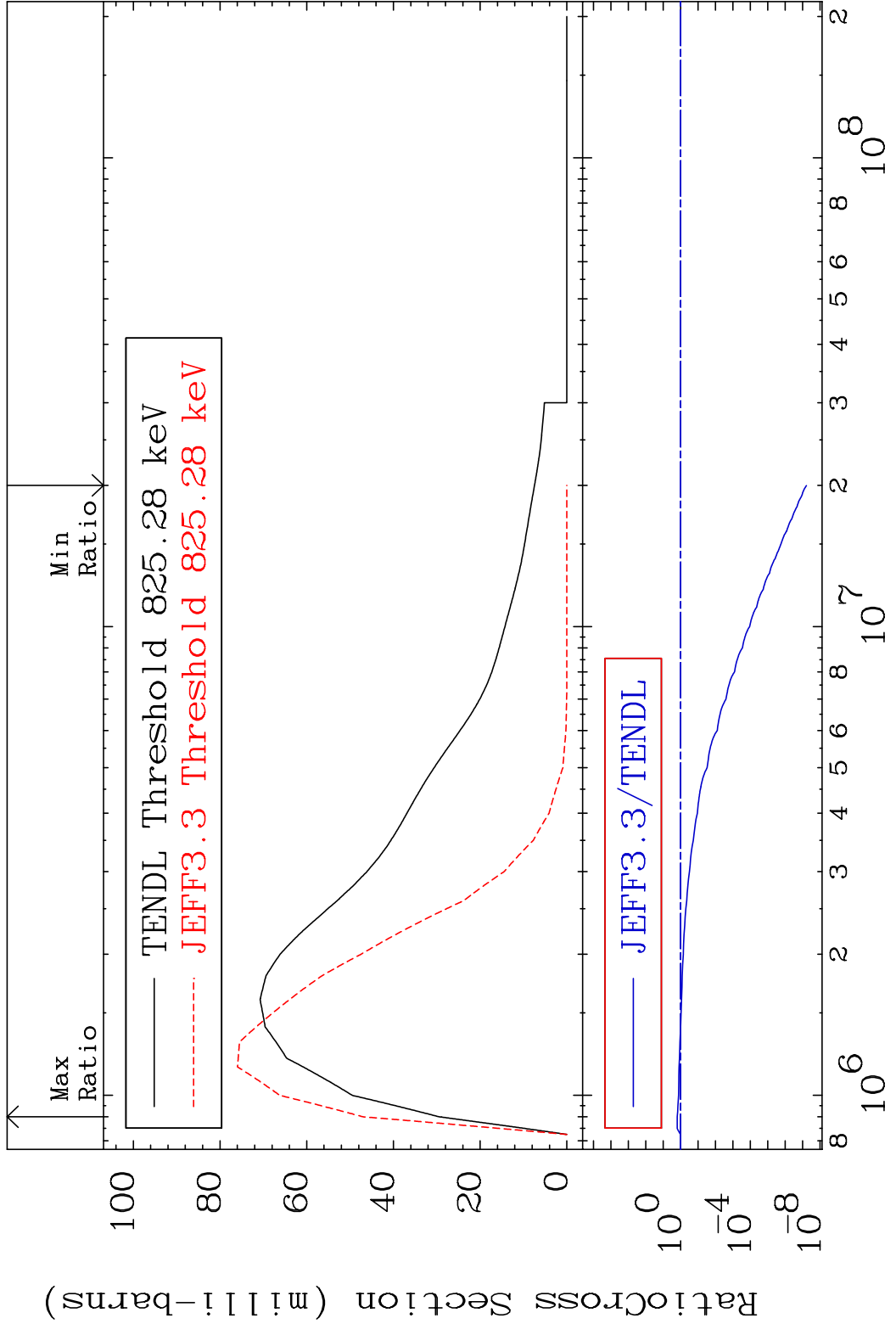
MAT 5525 MT= 59 (n,n') Level 55-Cs-133
 Cross Section -100.0 To -11.81%



MAT 5525 MT= 60 (n,n') Level 55-Cs-133
 Cross Section -100.0 To -12.78%

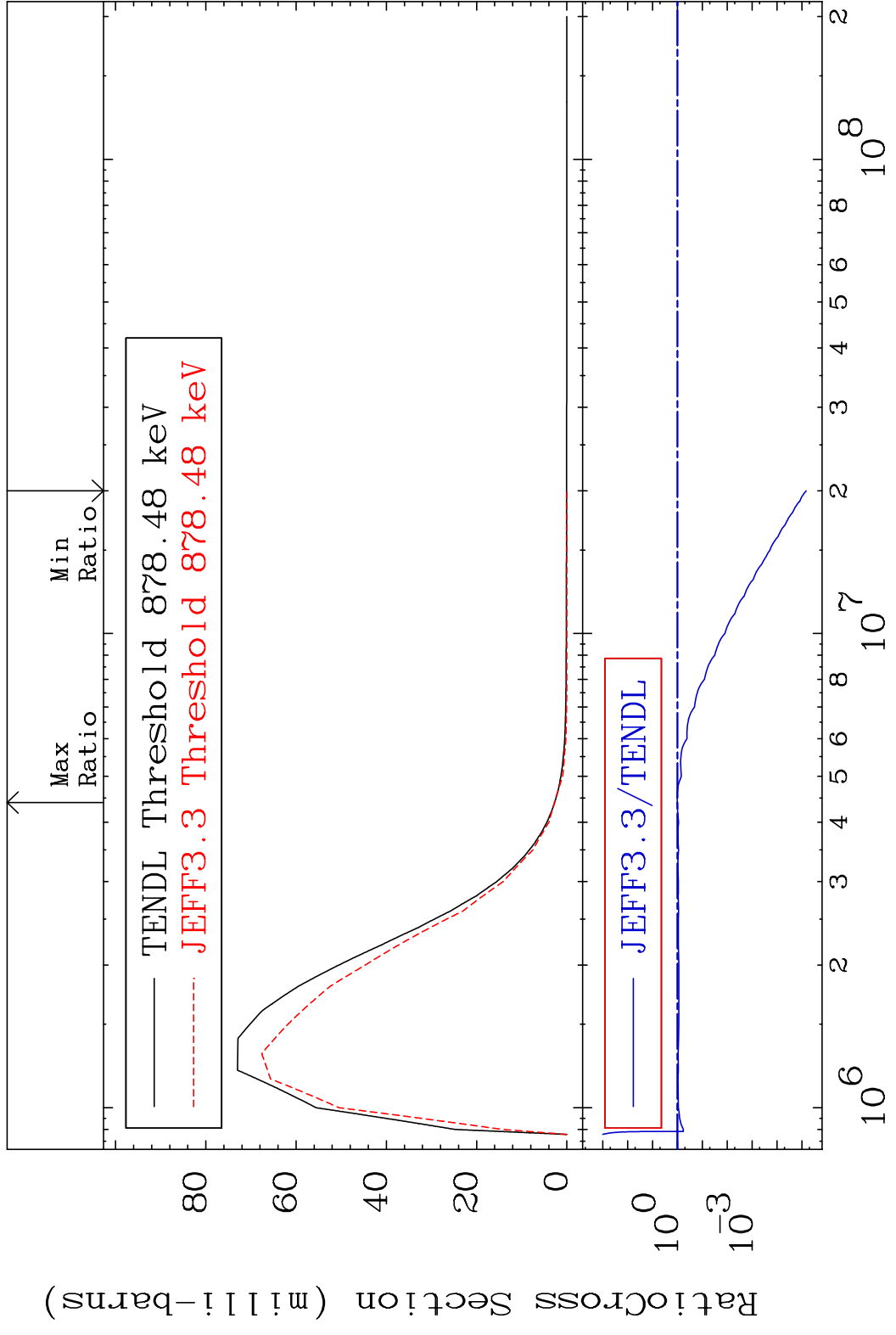


MAT 5525 MT= 61 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 59.55 %

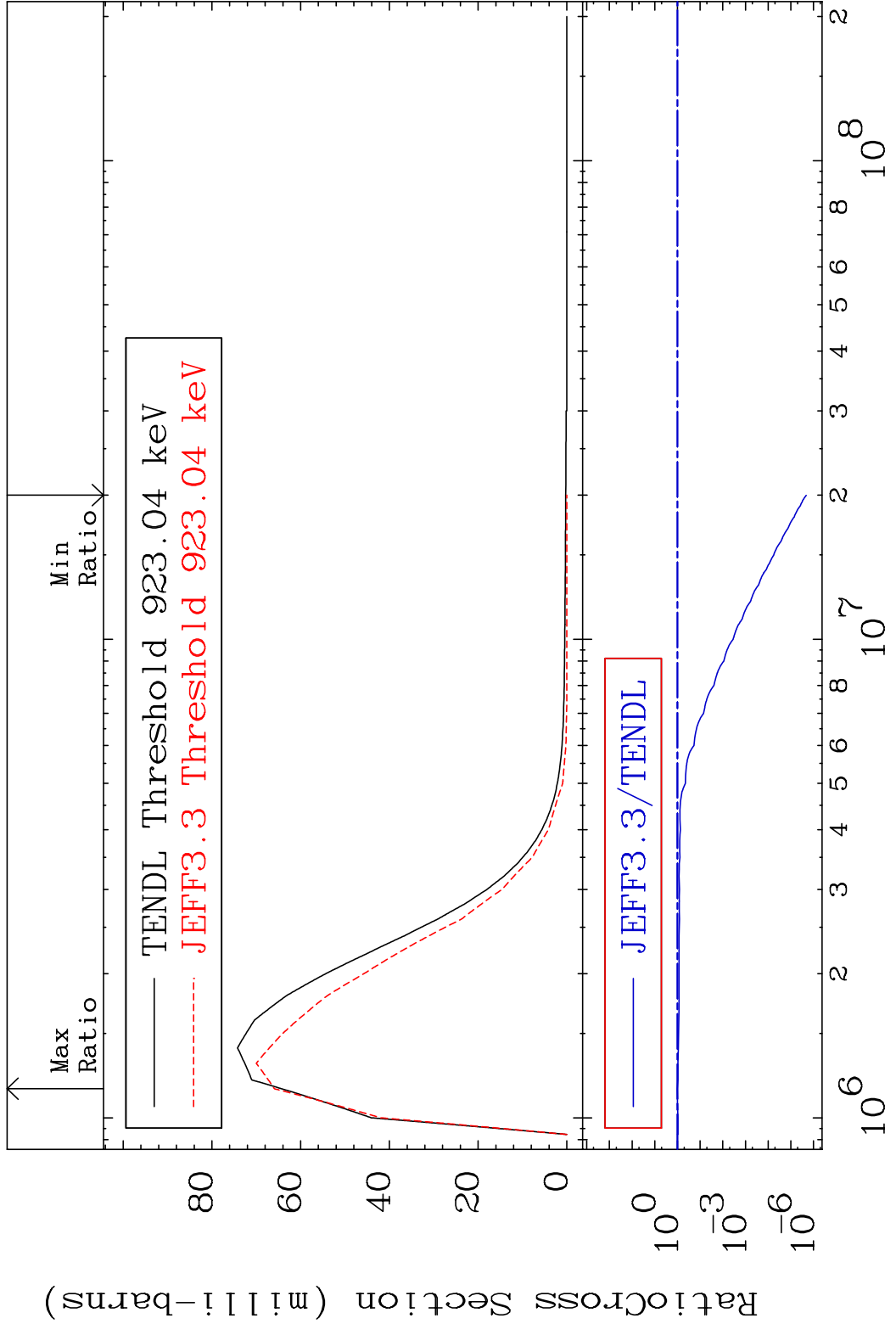


20 Incident Energy (eV) 55-Cs-133

MAT 5525 MT= 62 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 1.933 %

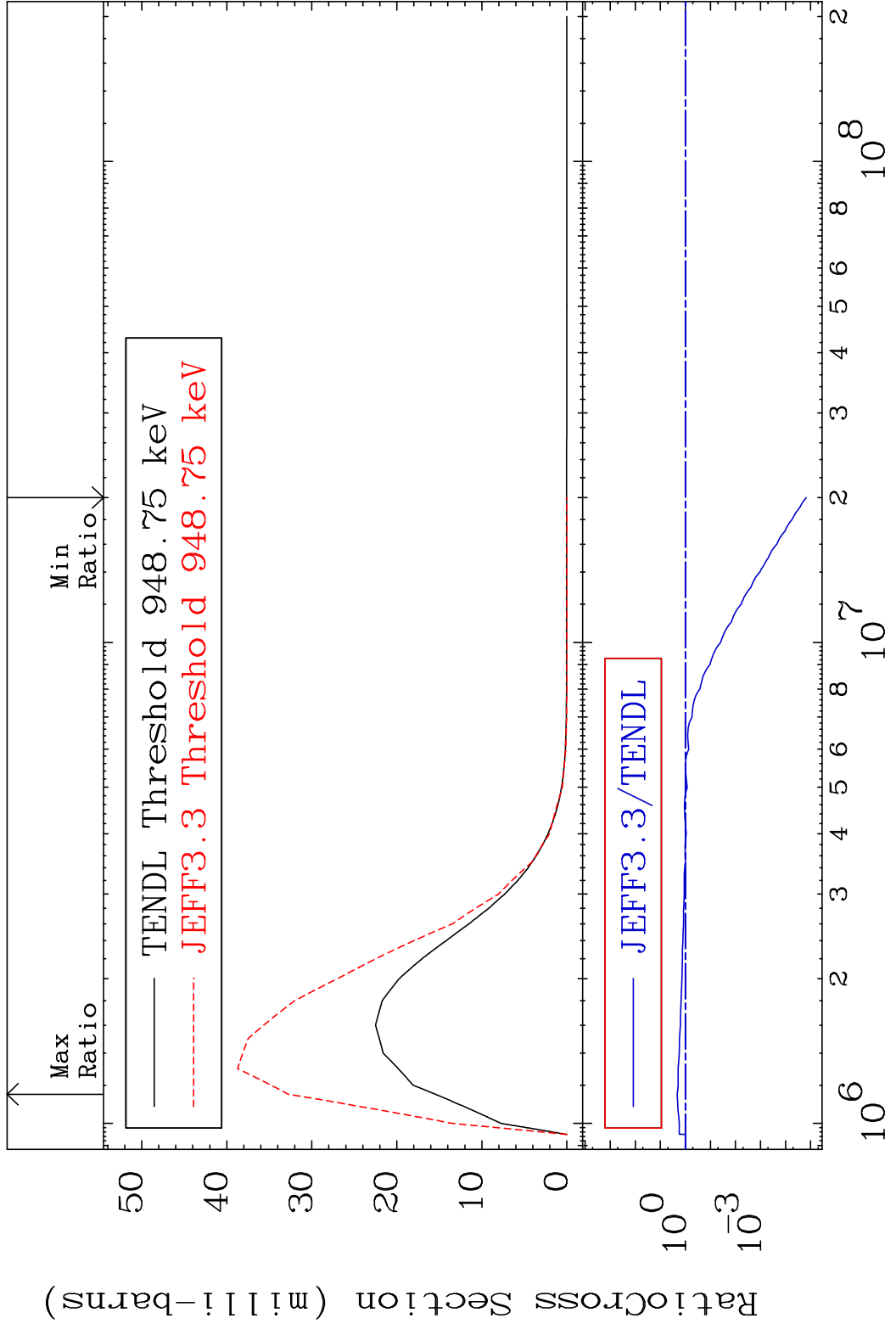


MAT 5525 MT= 63 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 2.556 %



22 Incident Energy (eV) 55-Cs-133

MAT 5525 MT= 64 (n, n') Level 55-Cs-133
 Cross Section -100.0 To 111.6 %



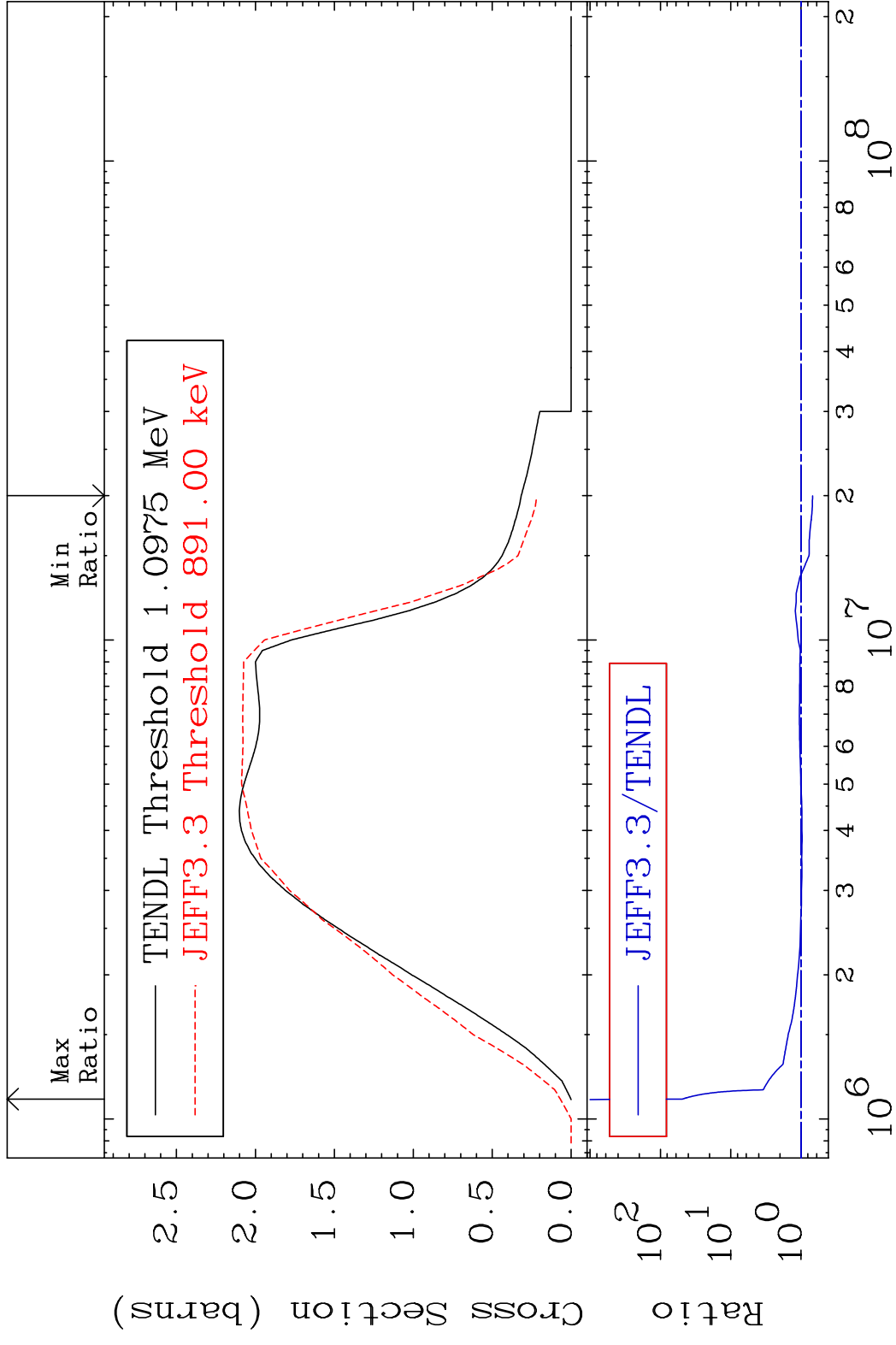
23 Incident Energy (eV) 55-Cs-133

MAT 5525

(n,n') Continuum

55-Cs-133

Cross Section -31.36 To 4772. %



24

Incident Energy (eV)

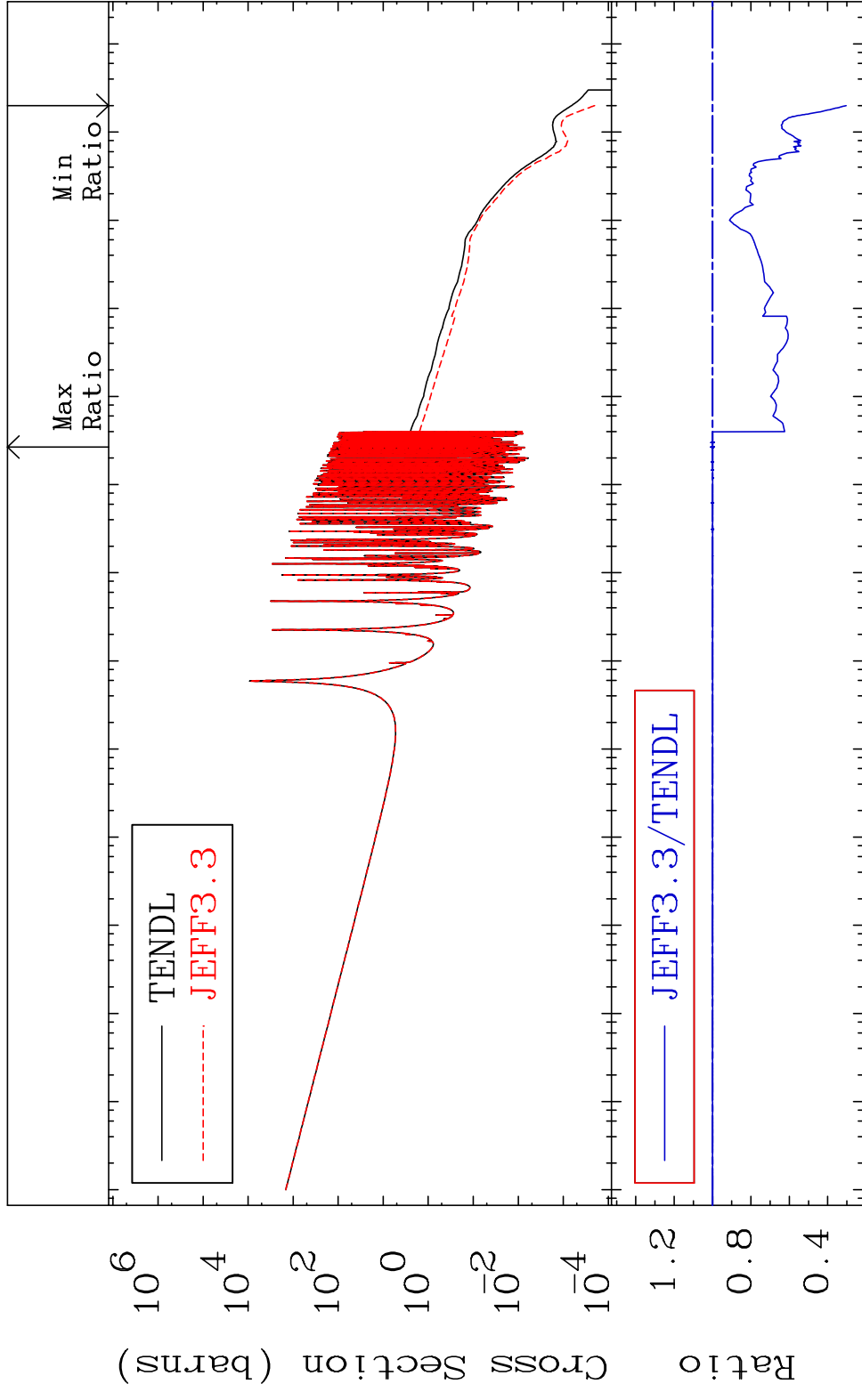
55-Cs-133

MAT 5525

55-Cs-133

(n, γ)

Cross Section -69.71 To 0.950 %



25

Incident Energy (eV)

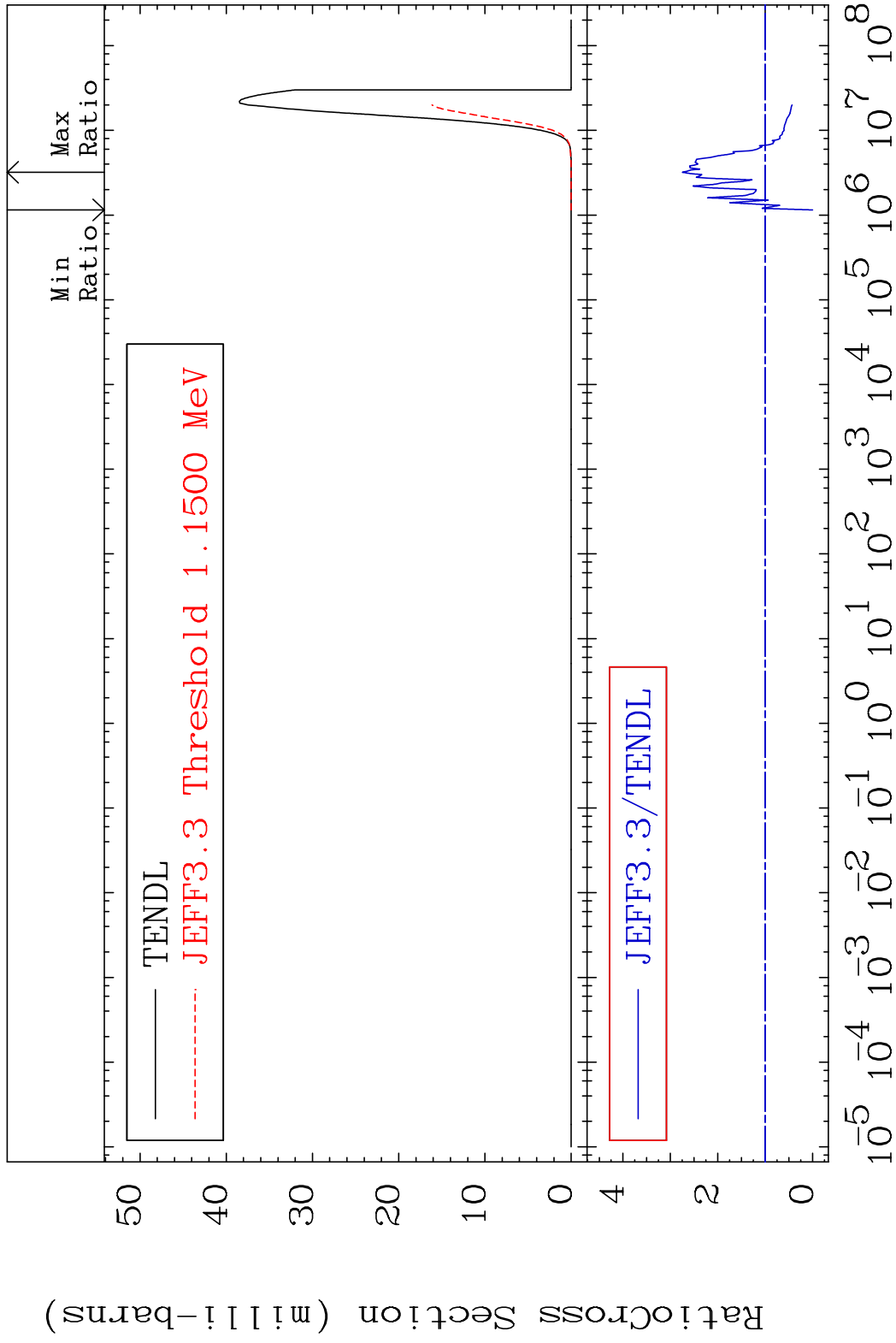
55-Cs-133

MAT 5525

(n, p)

55-Cs-133

Cross Section -100.0 To 174.7 %



26

Incident Energy (eV)

55-Cs-133

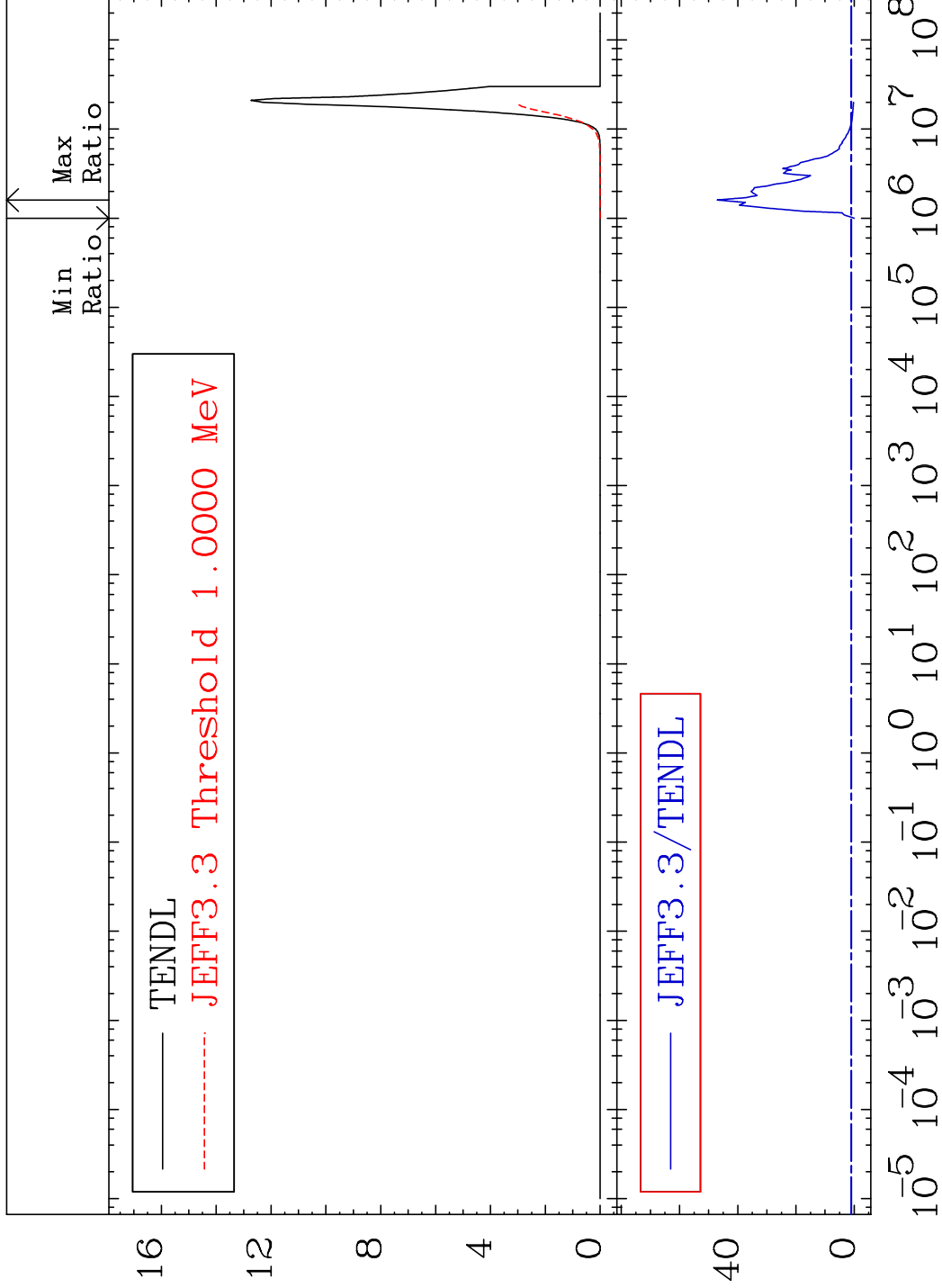
MAT 5525

(n, α)

55-Cs-133

Cross Section -100.0 To 4606. %

RatioCross Section (milli-barns)



27

Incident Energy (eV)

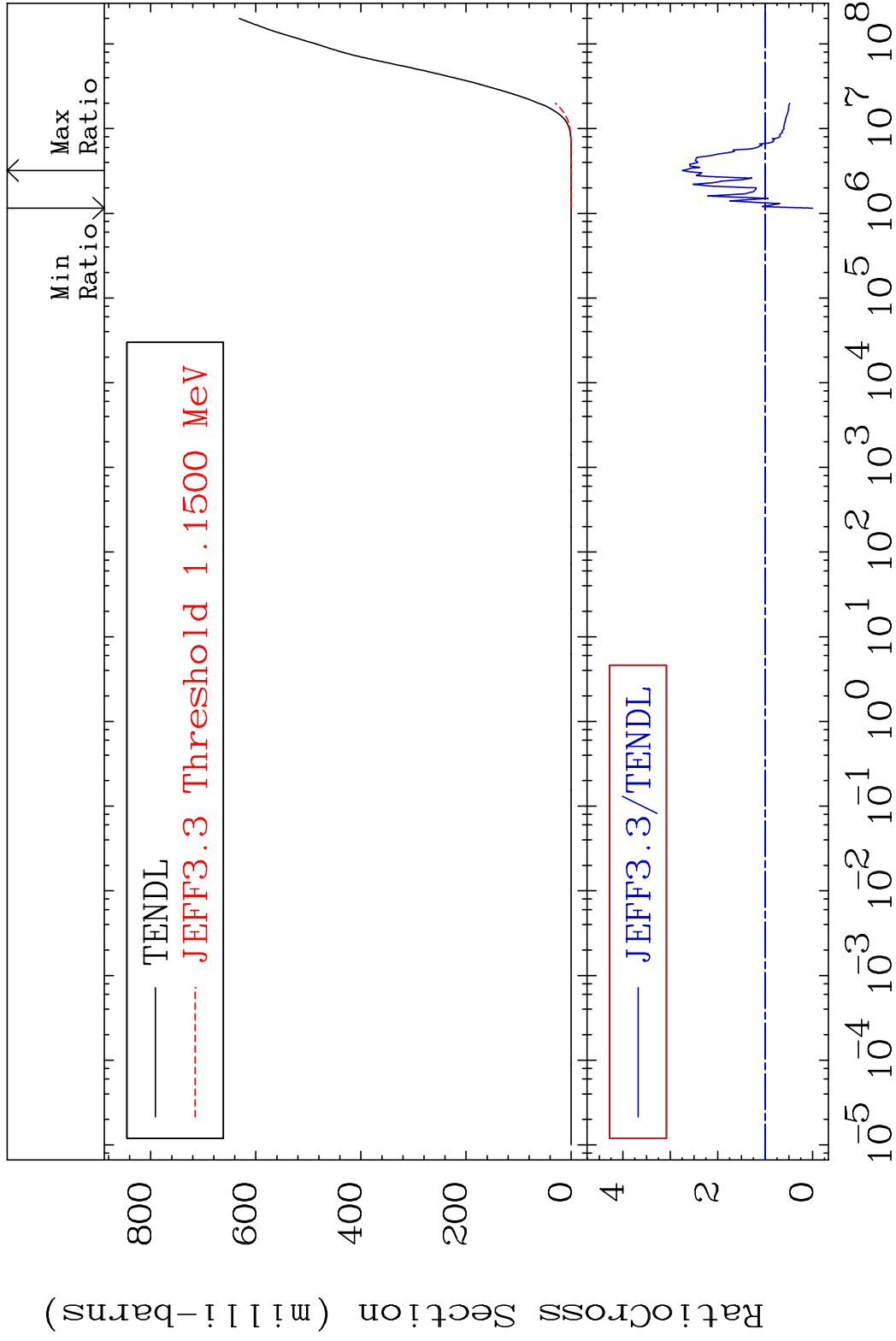
55-Cs-133

MAT 5525

Hydrogen Production

55-Cs-133

Cross Section -100.0 To 174.7 %



28

Incident Energy (eV)

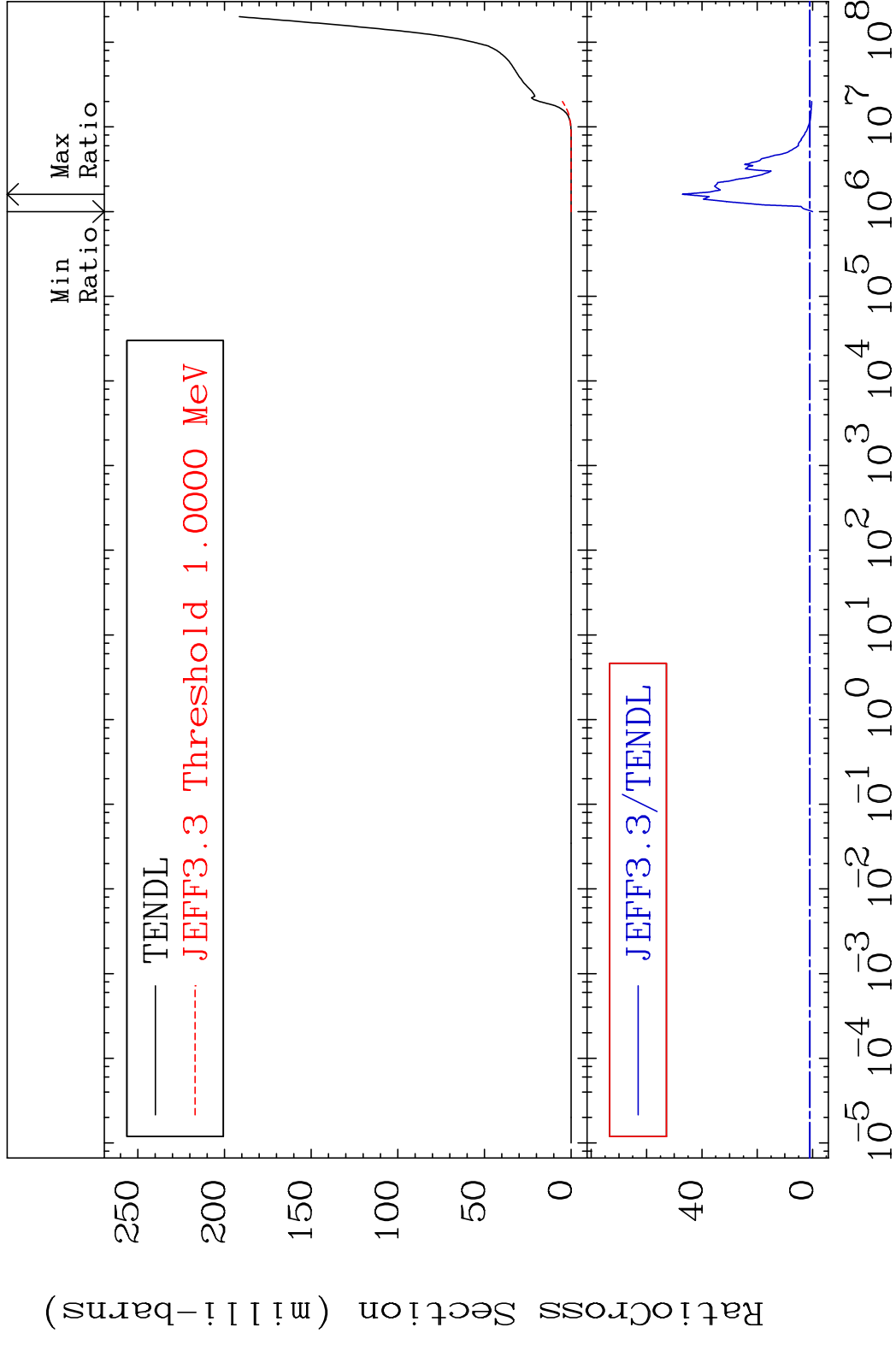
55-Cs-133

MAT 5525

He-4 Production

55-Cs-133

Cross Section -100.0 To 4606. %

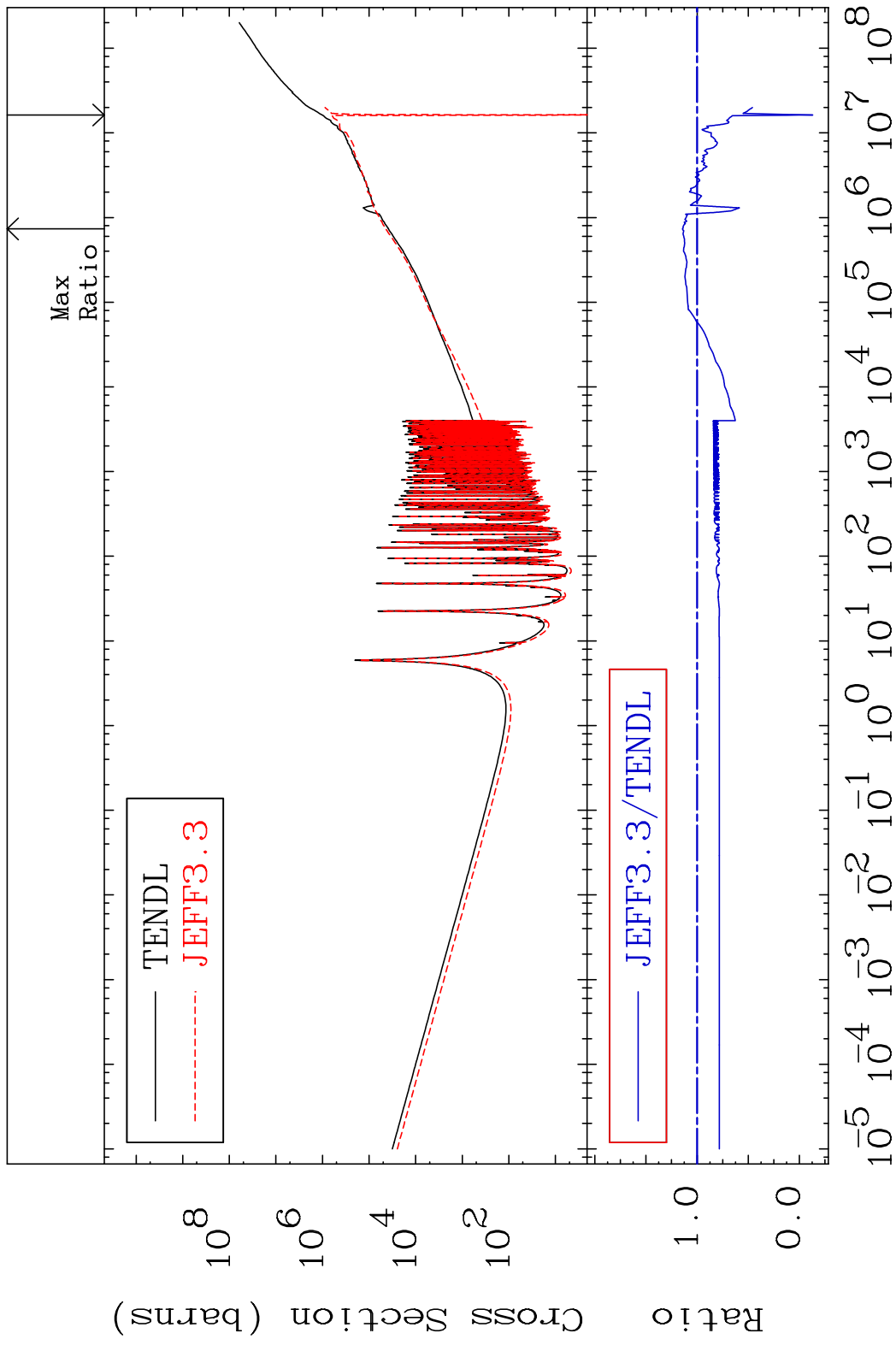


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Incident Energy (eV)

55-Cs-133

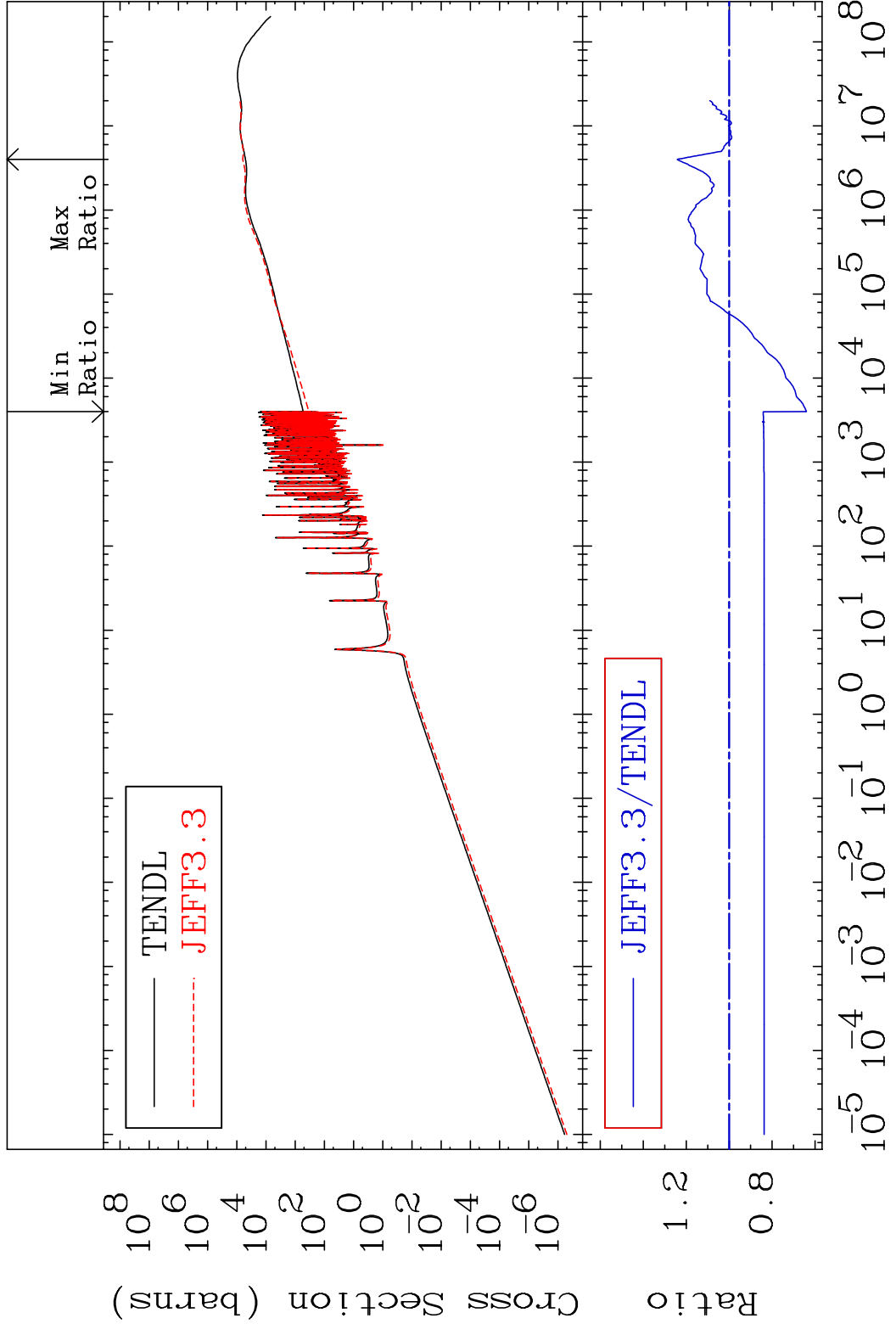
MAT 5525 Kerma total (eV-barns) 55-Cs-133
Cross Section -112.9 To 14.42 %



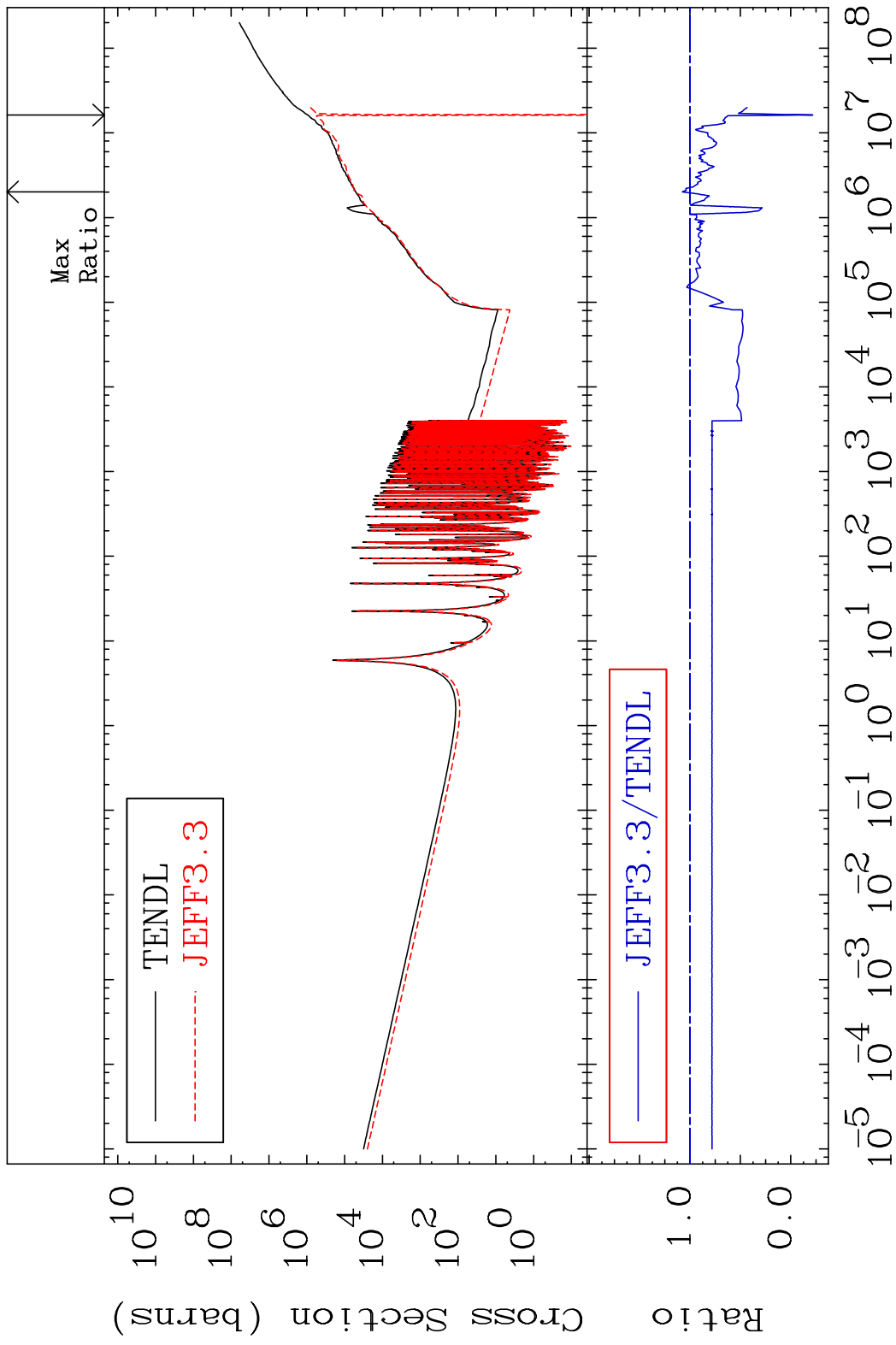
MAT 5525

Kerma elastic
Cross Section

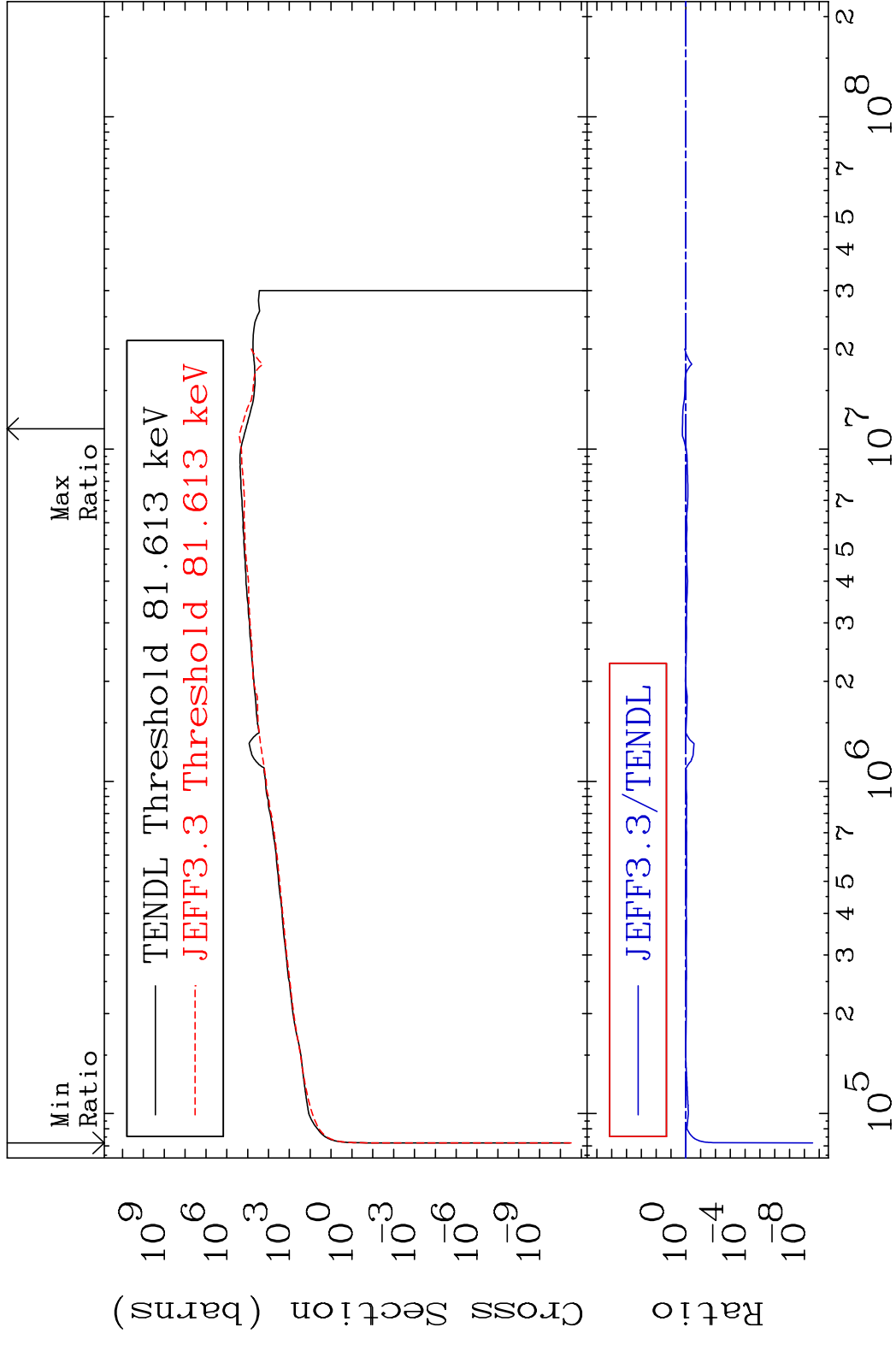
55-Cs-133
-35.98 To 24.21 %



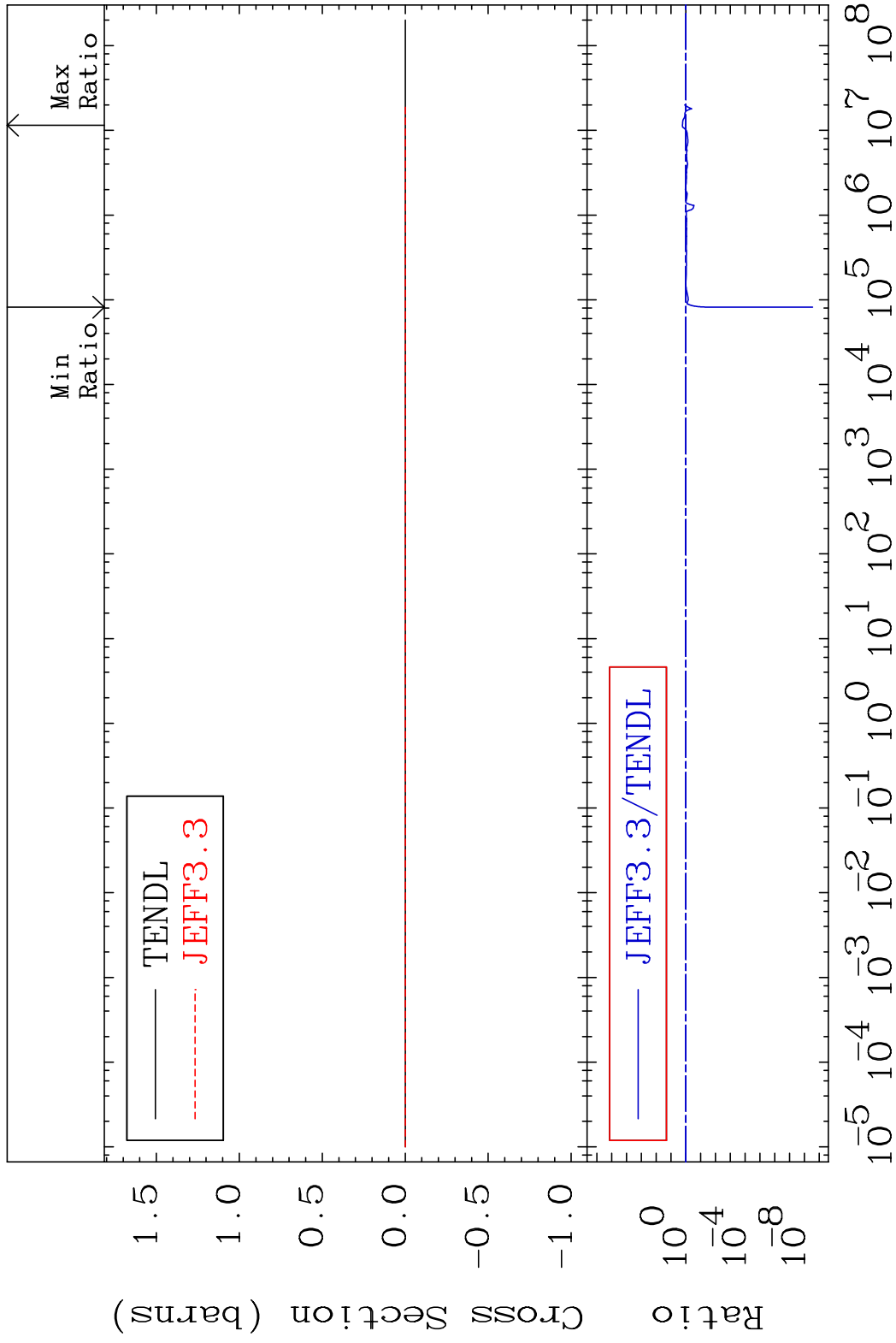
MAT 5525 Kerma non-elastic (all but mt2) 55-Cs-133
 Cross Section -121.6 To 7.574 %



MAT 5525 Kerma inelastic (mt51-91) 55-Cs-133
 Cross Section -100.0 To 72.10 %



MAT 5525 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-133
 Cross Section -100.0 To 72.10 %

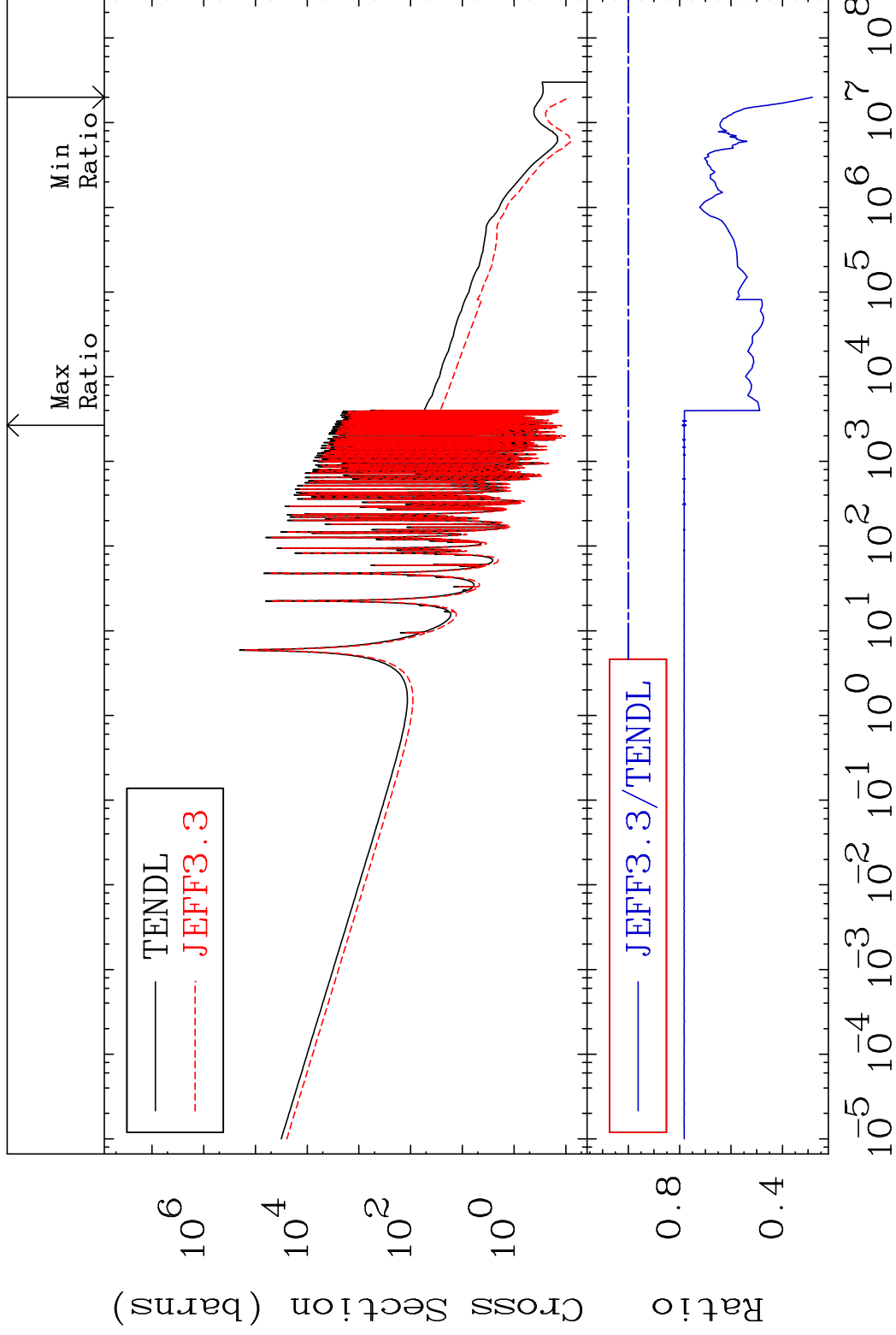


MAT 5525

Kerma capture (mt102)

55-Cs-133

Cross Section -71.73 To -21.06%



35

Incident Energy (eV)

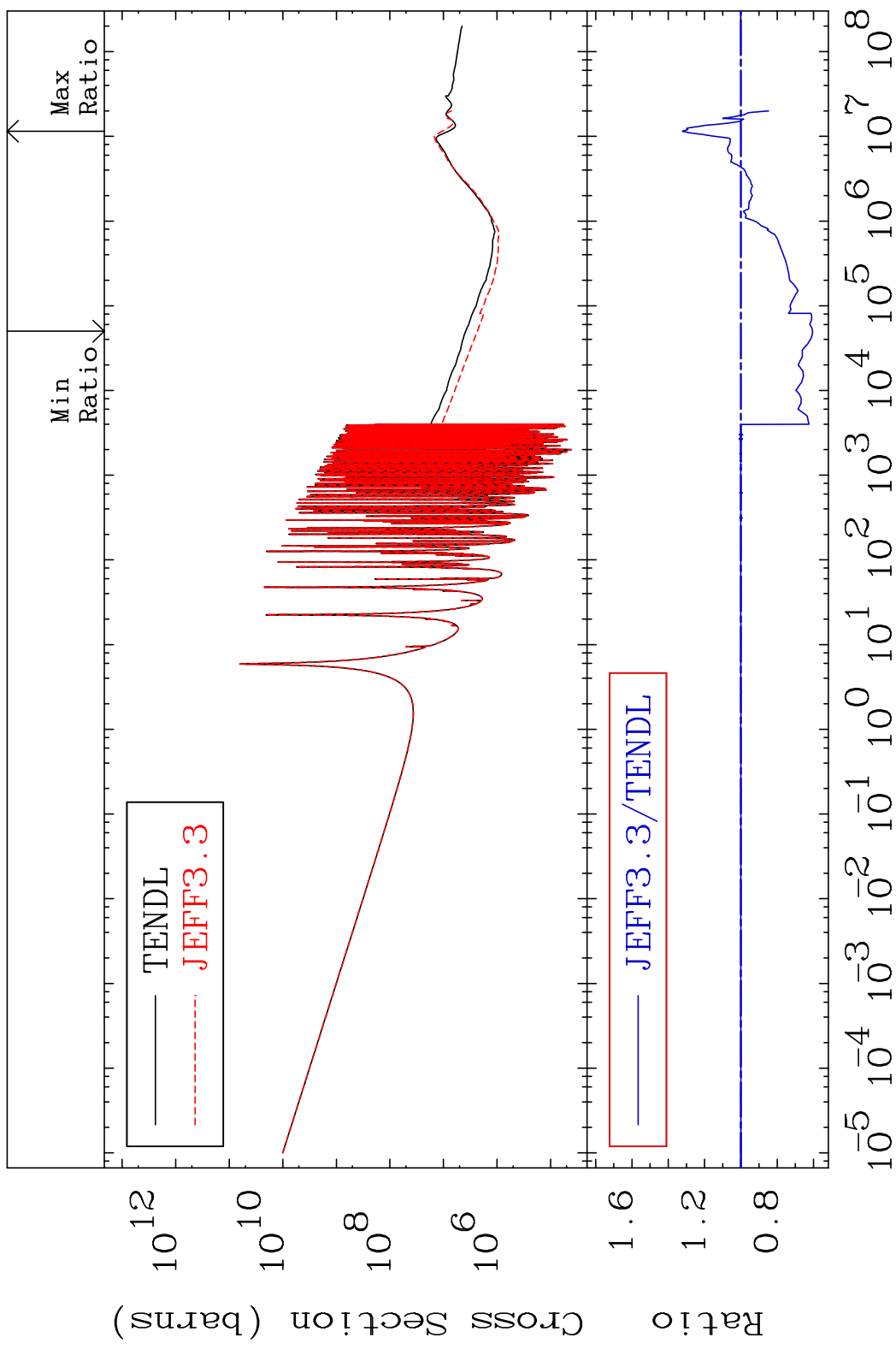
55-Cs-133

MAT 5525

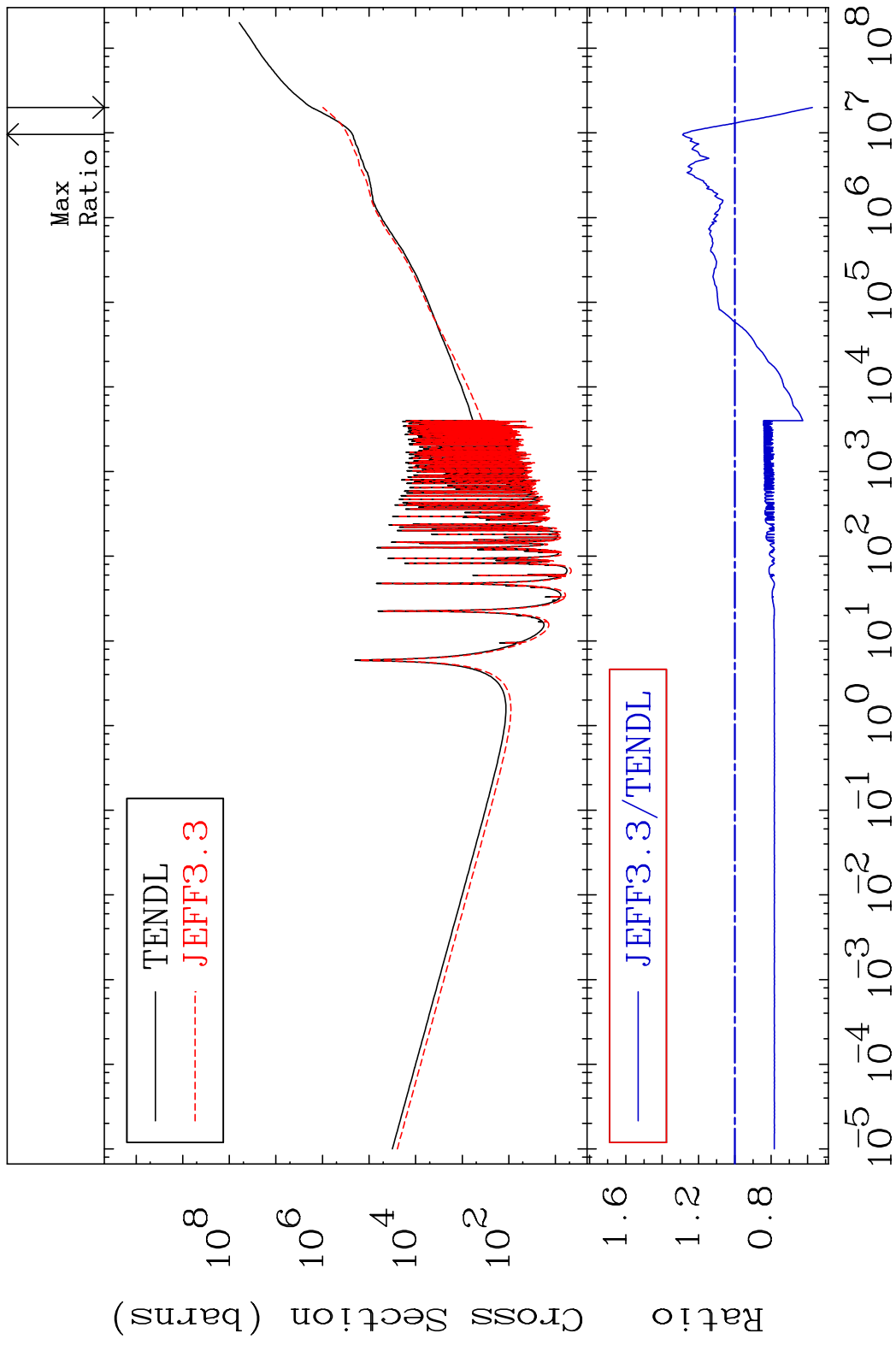
Total photon (eV-barns)

55-Cs-133

Cross Section -39.47 To 32.23 %



MAT 5525 Total kinematic kerma (high limit) 55-Cs-133
Cross Section -42.78 To 28.89 %



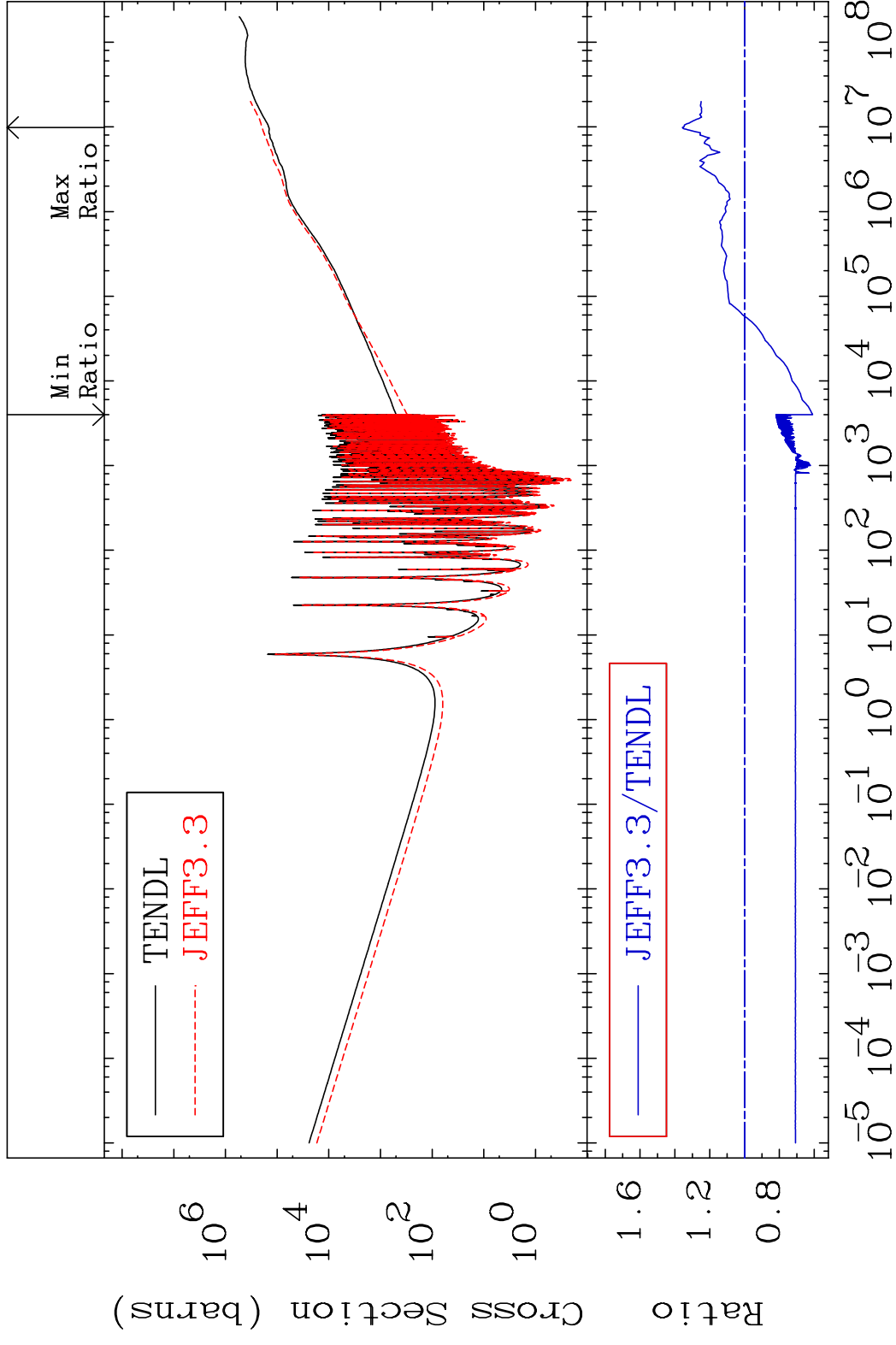
MAT 5525

Dpa total (eV-barns)

55-Cs-133

Cross Section

-39.03 To 35.72 %

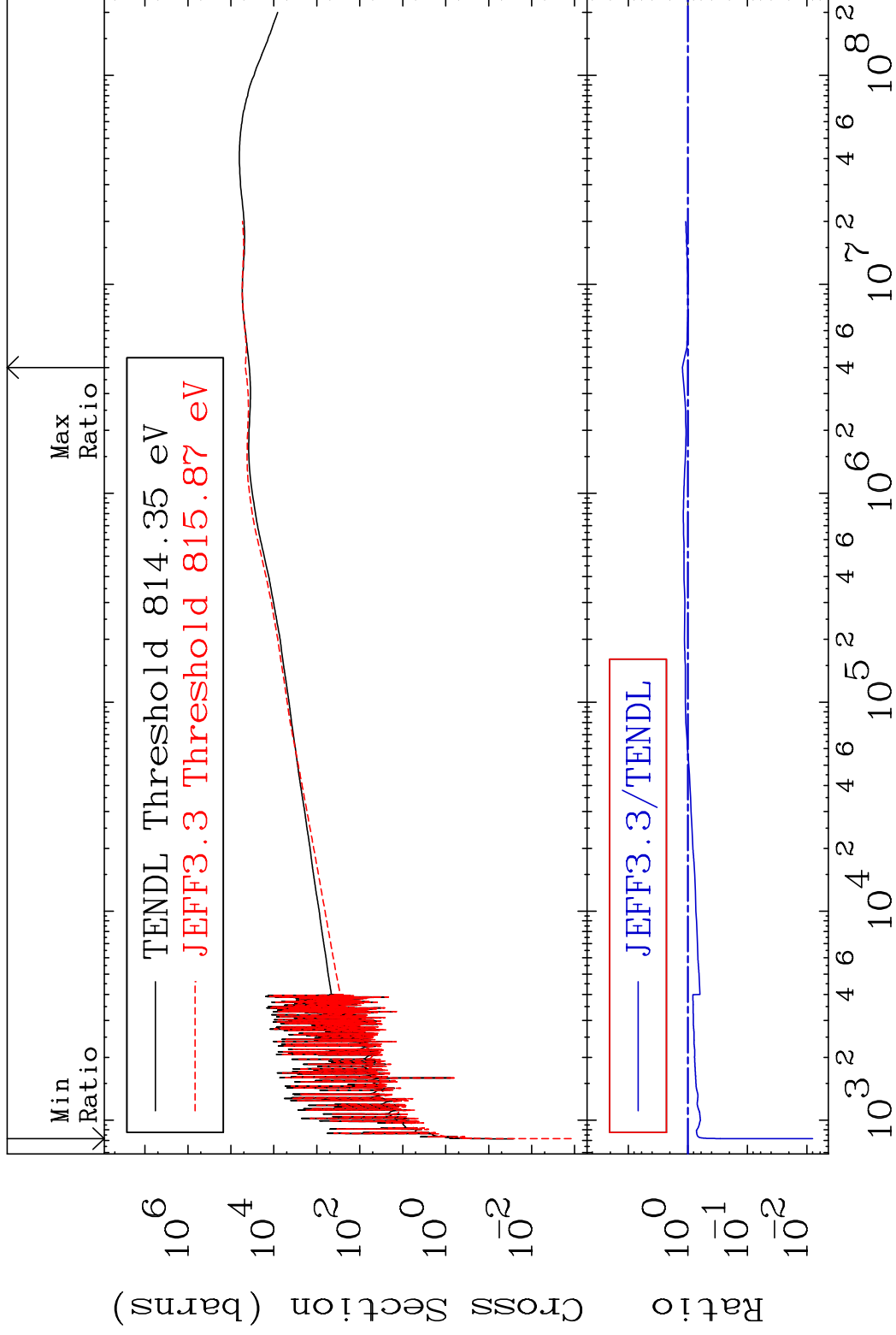


MAT 5525

Dpa elastic (mt2)

55-Cs-133

Cross Section -99.20 To 23.43 %

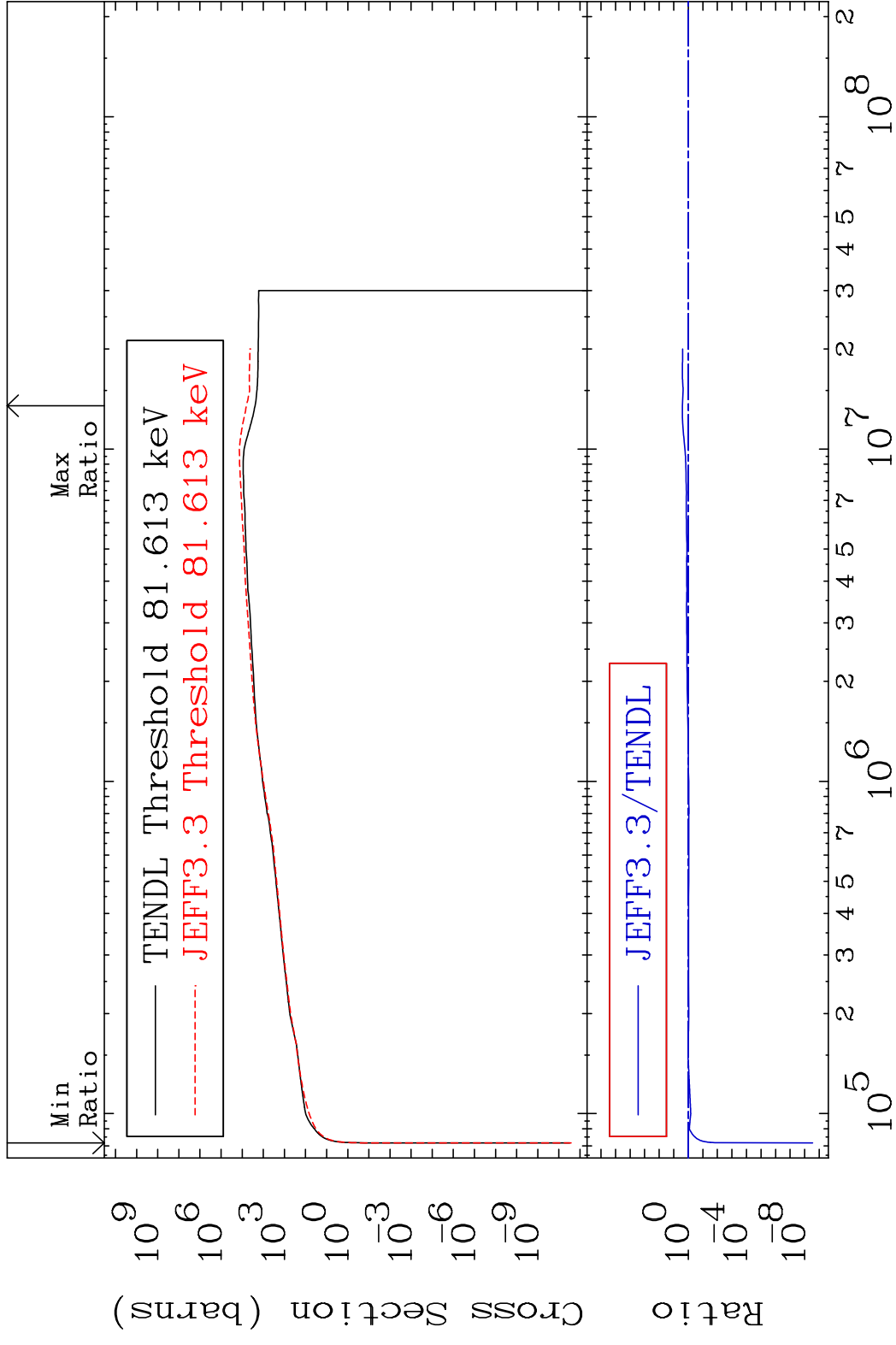


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Incident Energy (eV)

55-Cs-133

MAT 5525 Dpa inelastic (mt51-91) 55-Cs-133
 Cross Section -100.0 To 154.5 %



40 Incident Energy (eV) 55-Cs-133

MAT 5525 Dpa disappearance (mt102 -120) 55-Cs-133
Cross Section -64.20 To 200.4 %

