

Program Complot
(Version 2021-1)

by

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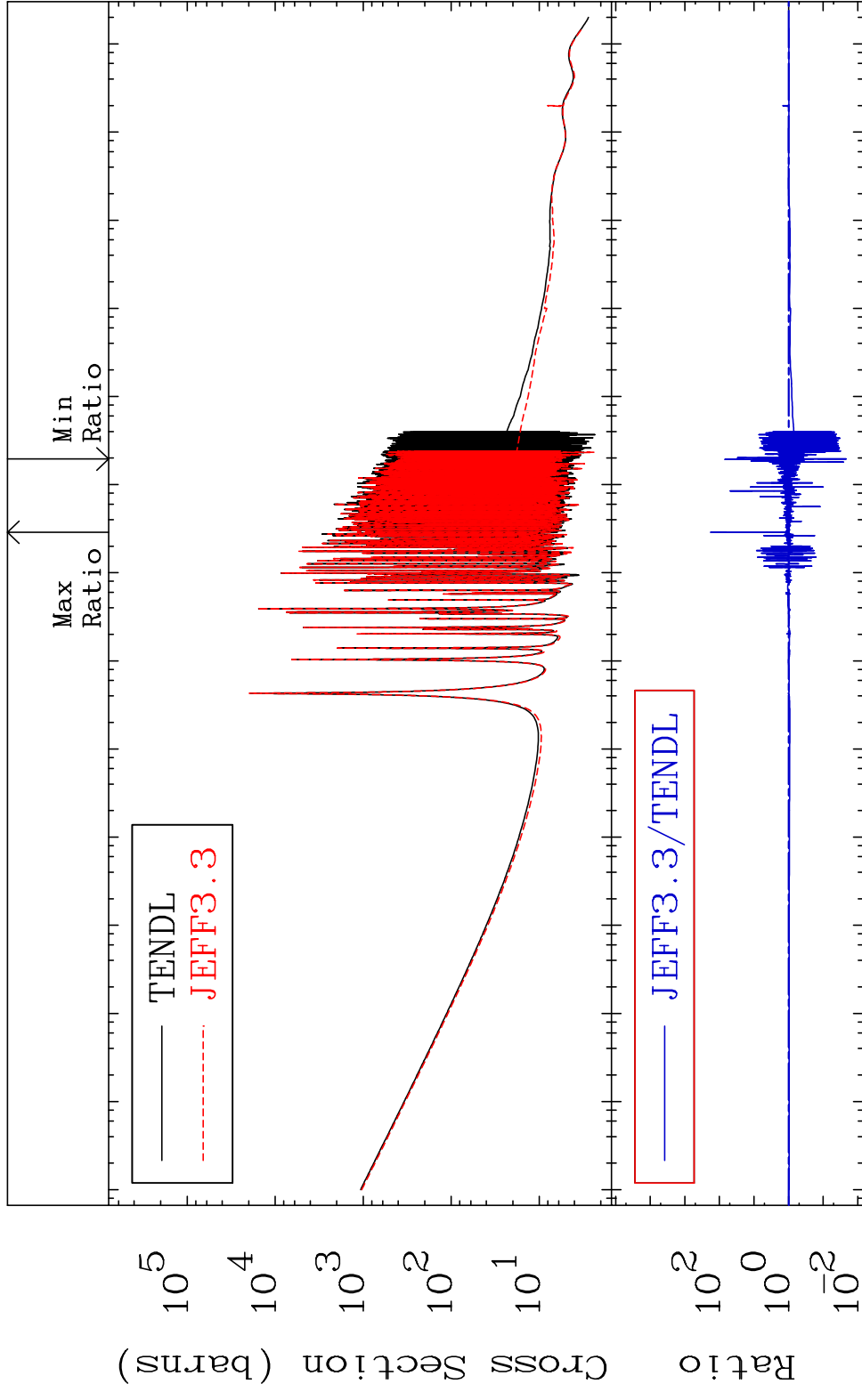
Press Mouse Button to Start

MAT 7328

73-Ta-181

Total

Cross Section -97.86 To 9999. %



1

Incident Energy (eV)

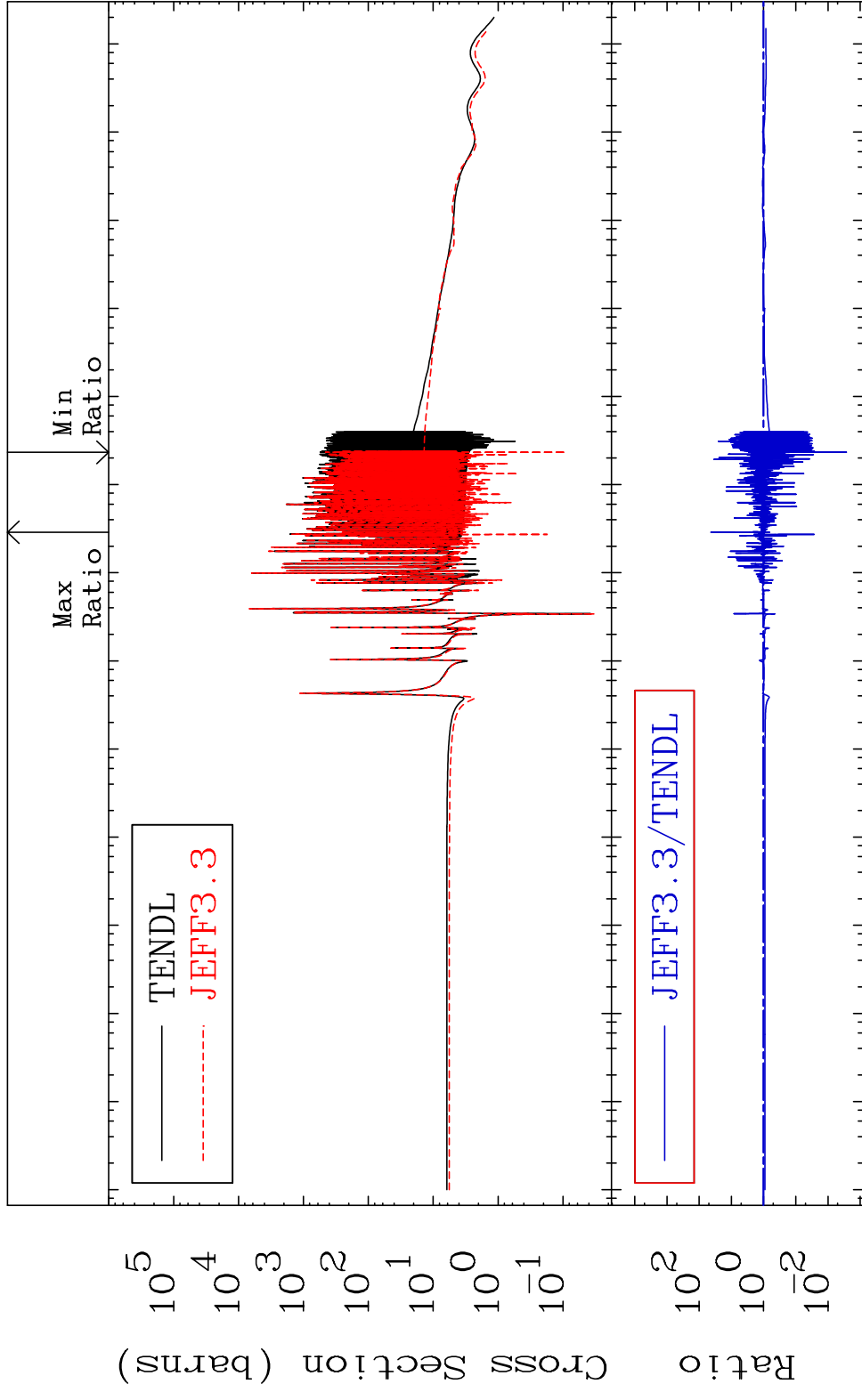
73-Ta-181

MAT 7328

Elastic

73-Ta-181

Cross Section -99.73 To 4285. %

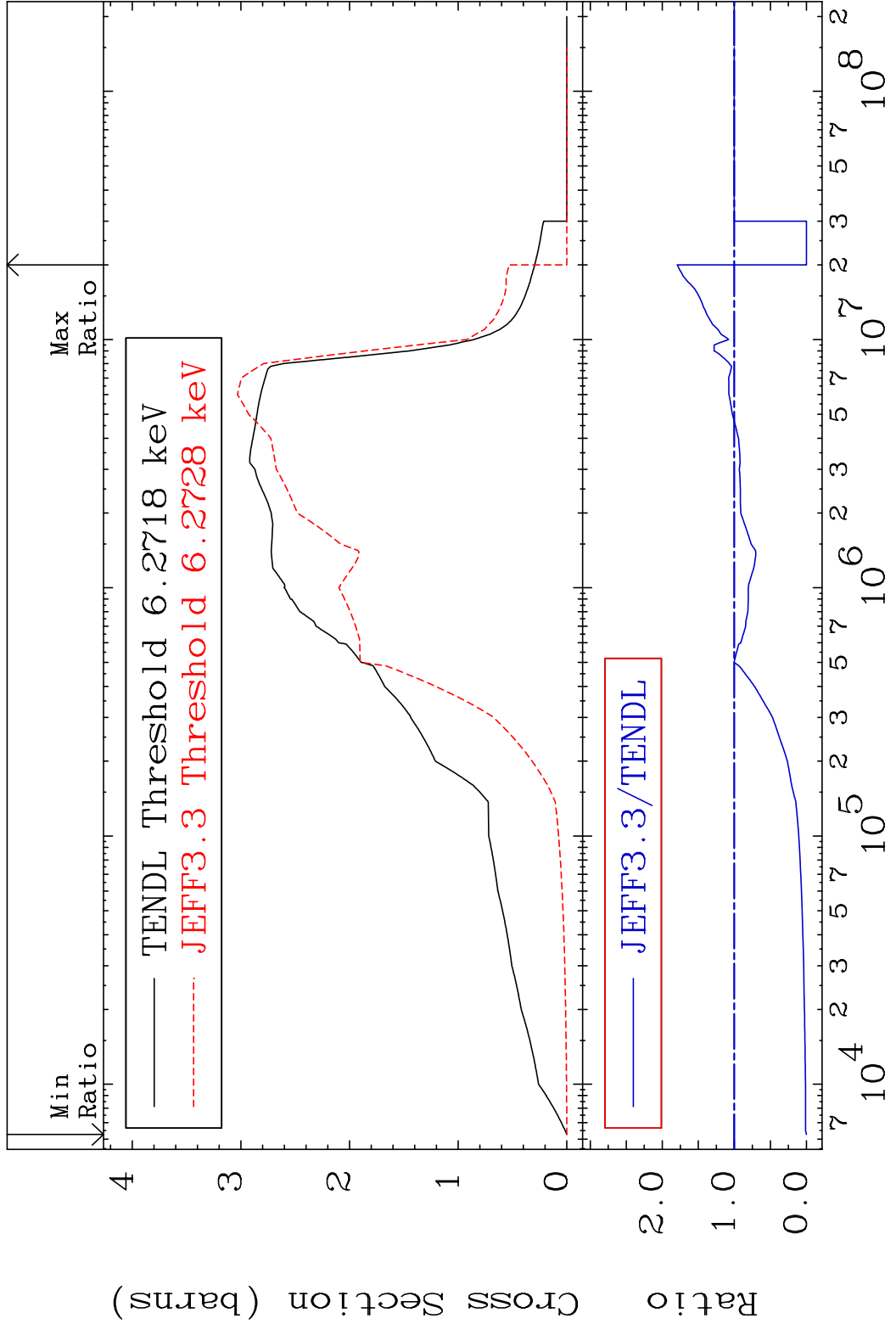


2

Incident Energy (eV)

73-Ta-181

MAT 7328 Inelastic Cross Section -100.0 To 79.30 % 73-Ta-181



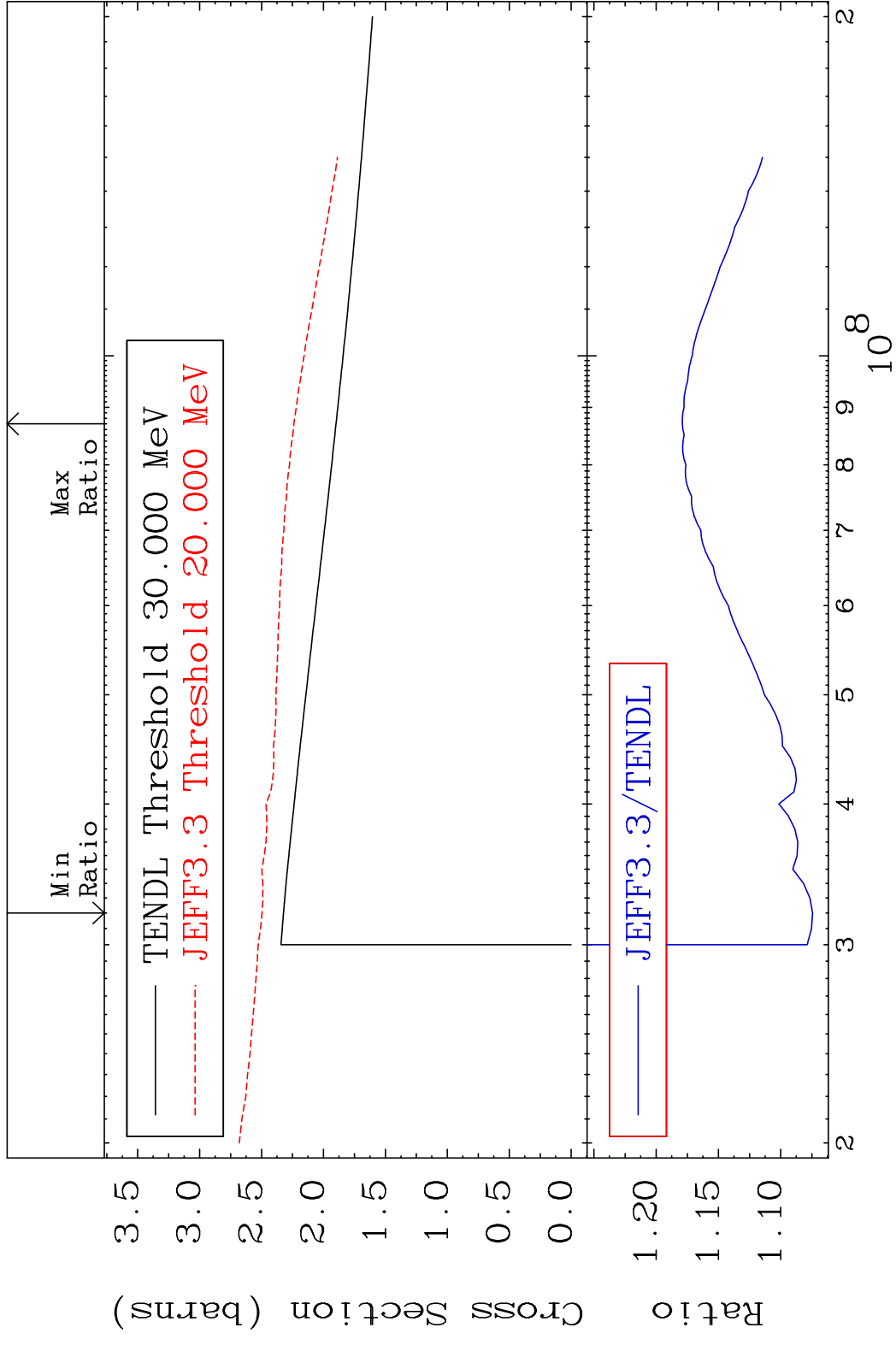
3 Incident Energy (eV) 73-Ta-181

MAT 7328

(n, remainder)

73-Ta-181

Cross Section 7.444 To 17.90 %



4

Incident Energy (eV)

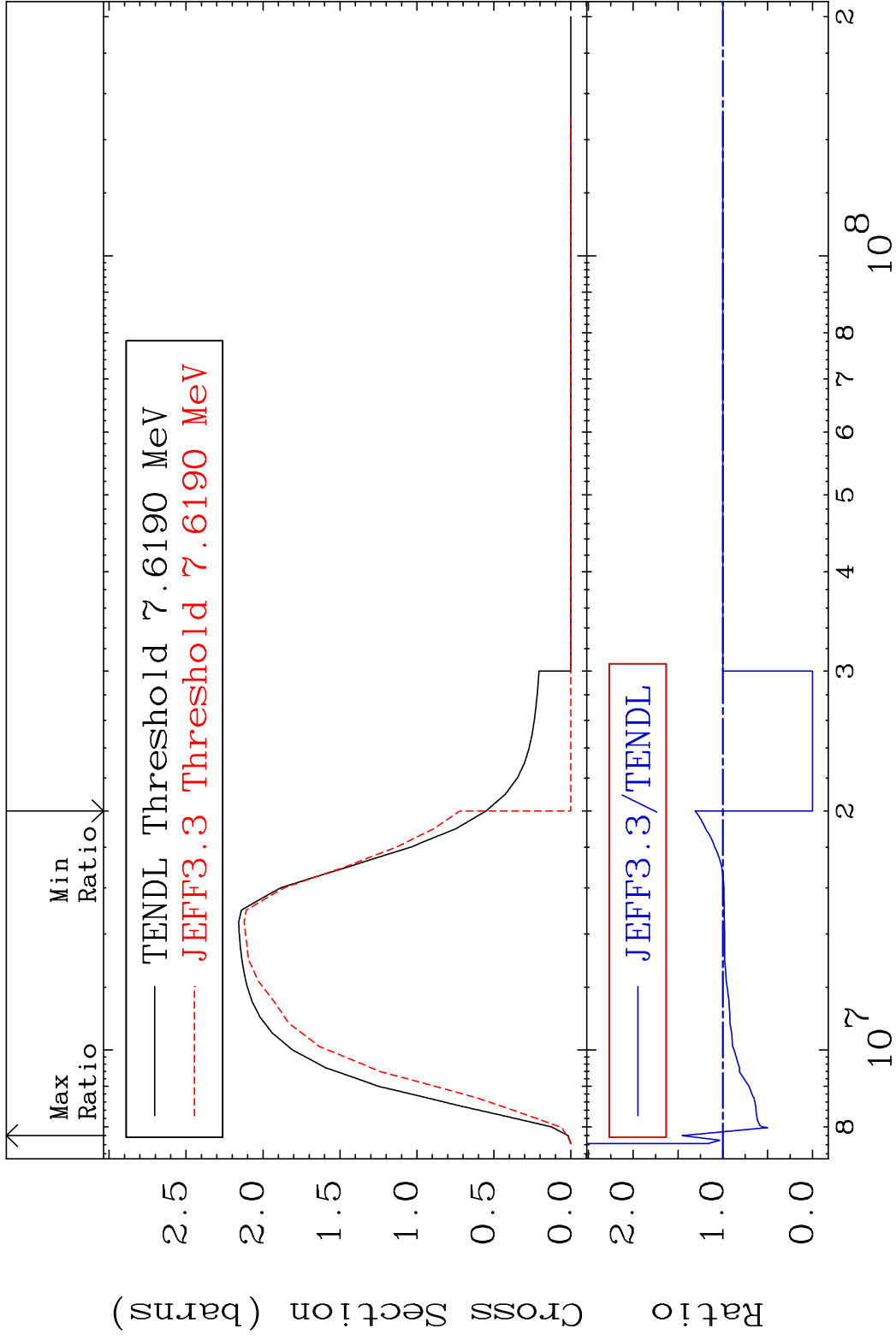
73-Ta-181

MAT 7328

(n,2n)

73-Ta-181

Cross Section -100.0 To 45.38 %



5

Incident Energy (eV)

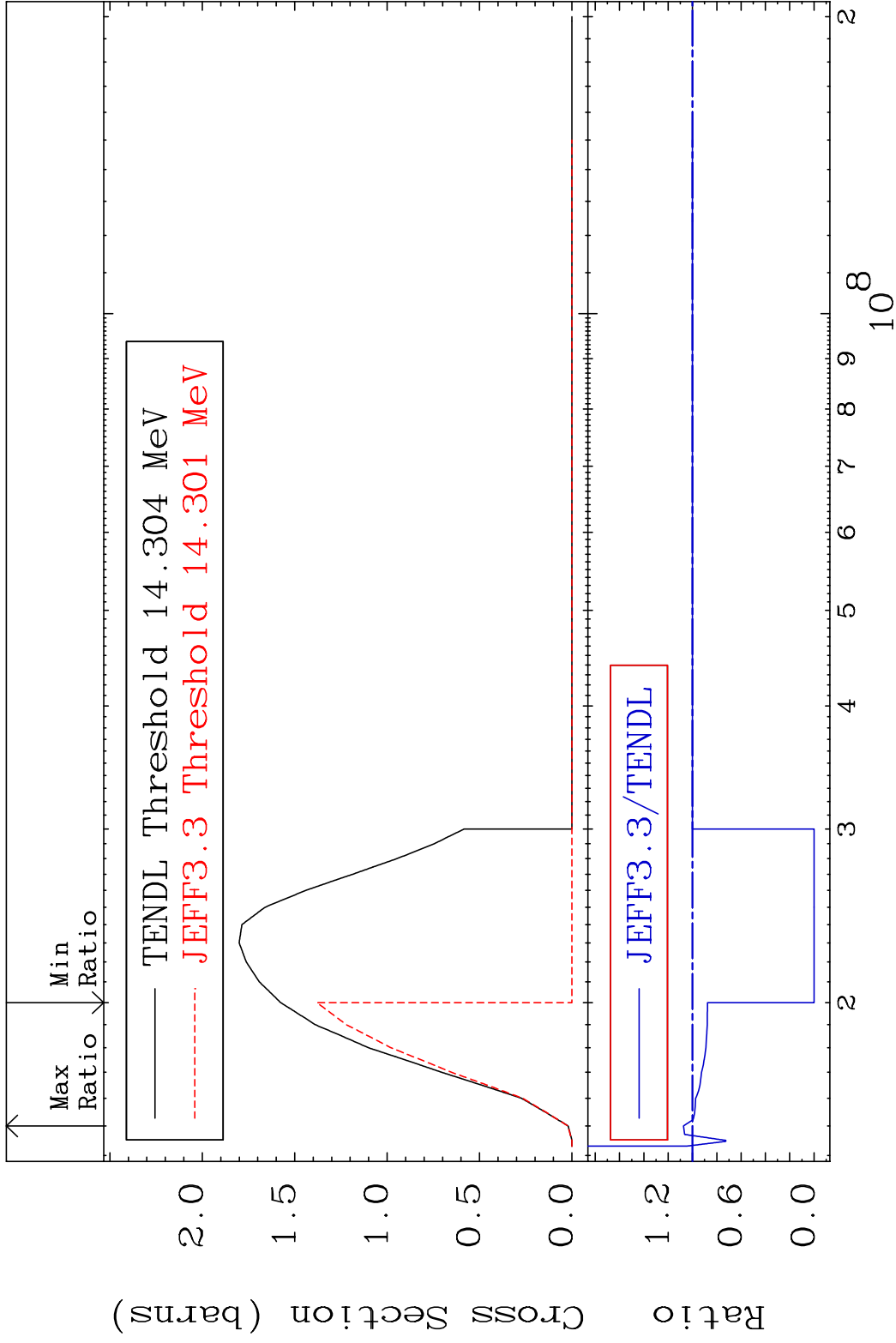
73-Ta-181

MAT 7328

(n,3n)

73-Ta-181

Cross Section -100.0 To 7.417 %

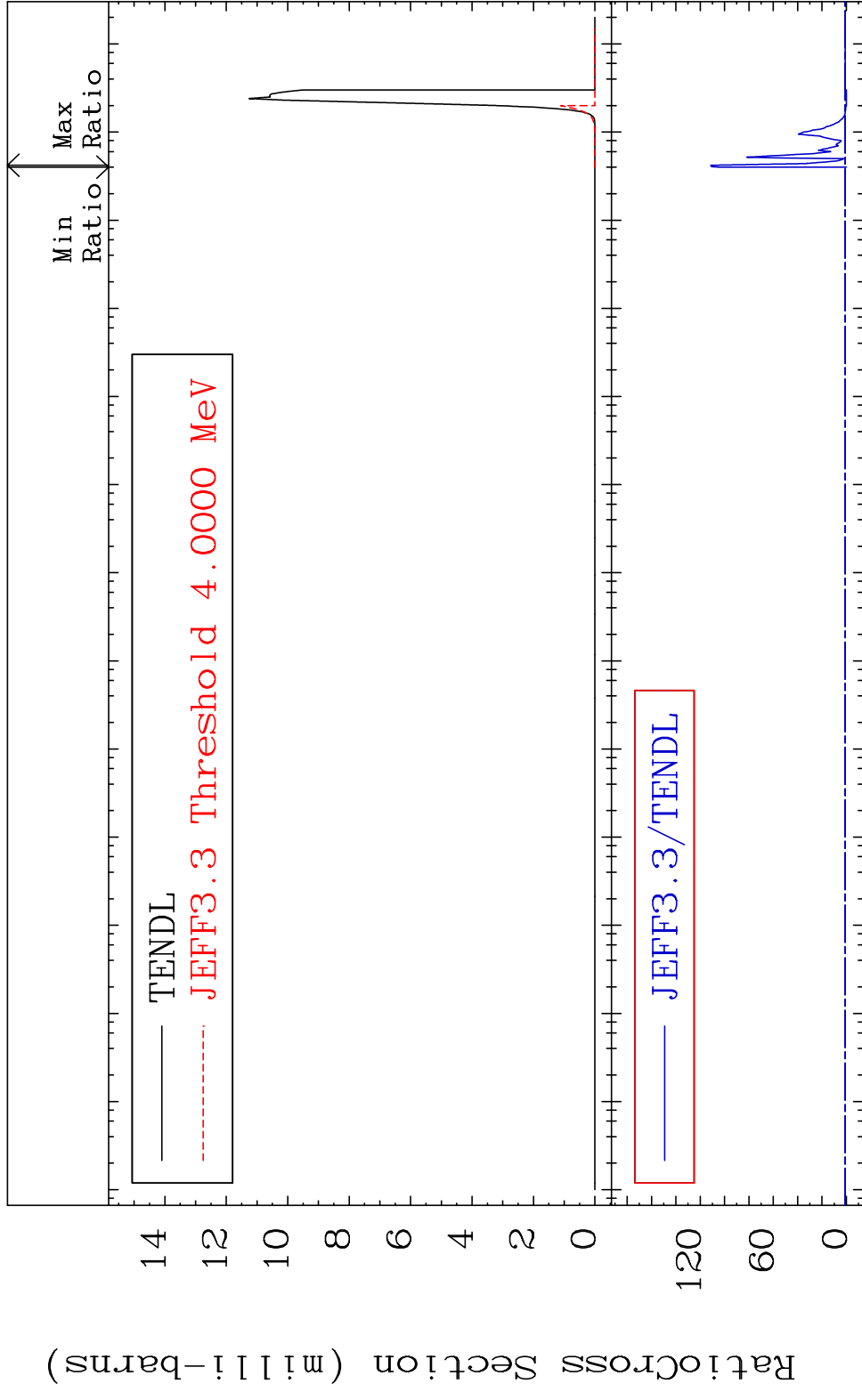


MAT 7328

(n, n') α

73-Ta-181

Cross Section -100.0 To 9999. %



14
12
10
8
6
4
2
0

120
60
0

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

7

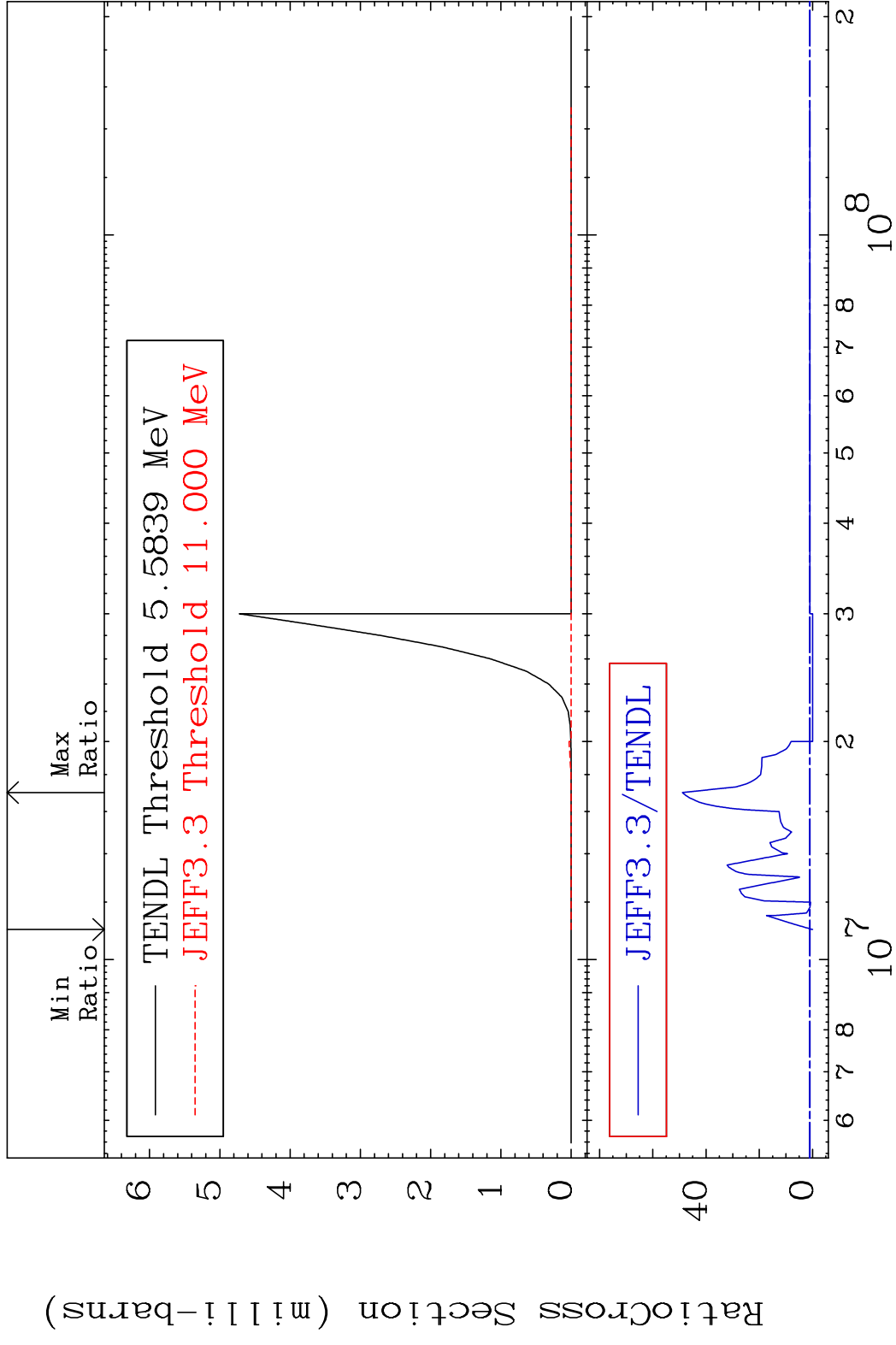
Incident Energy (eV)

73-Ta-181

MAT 7328

(n,2n) α 73-Ta-181

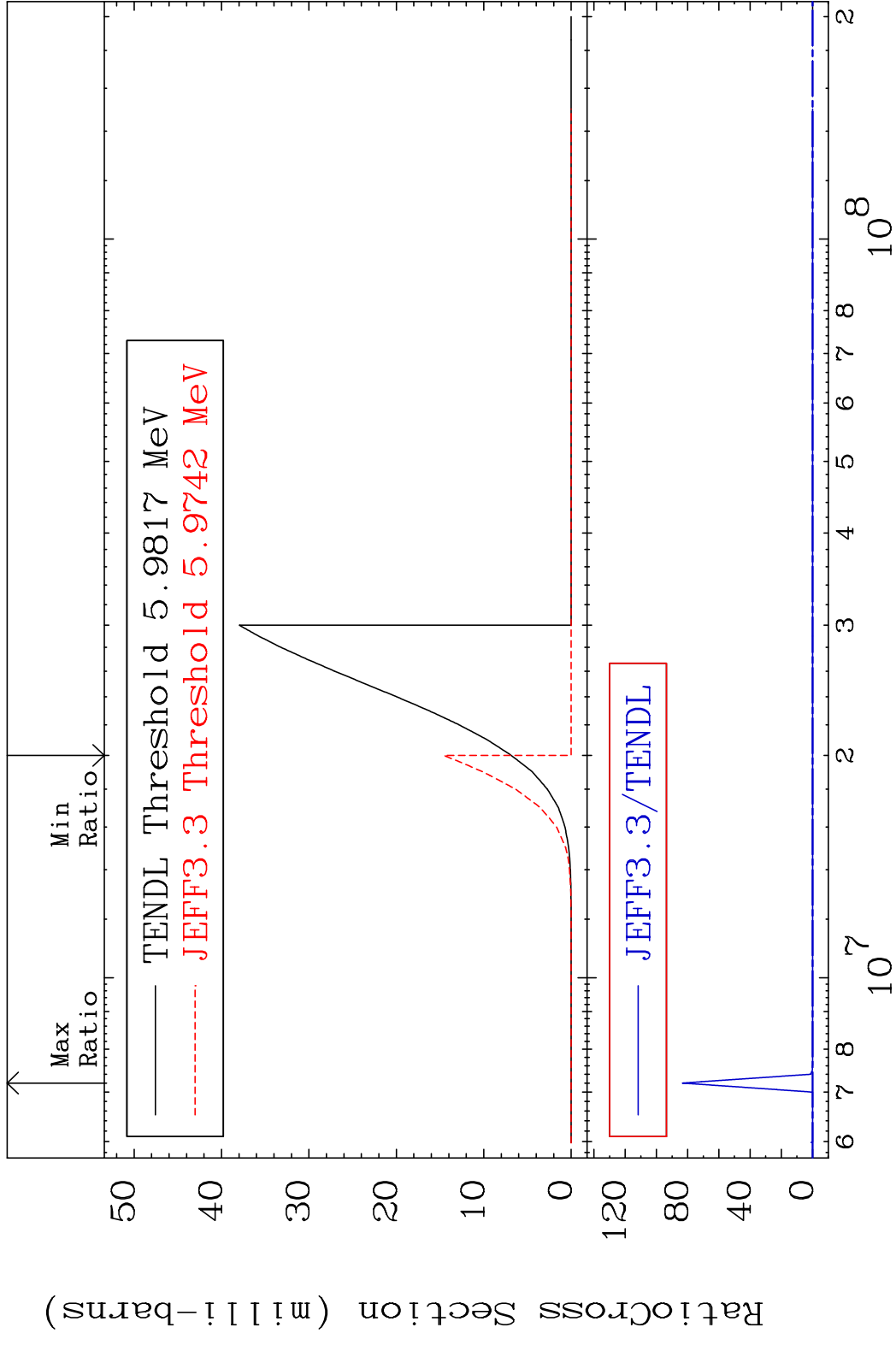
Cross Section -100.0 To 4790. %



MAT 7328

(n, n') p 73-Ta-181

Cross Section -100.0 To 9999. %

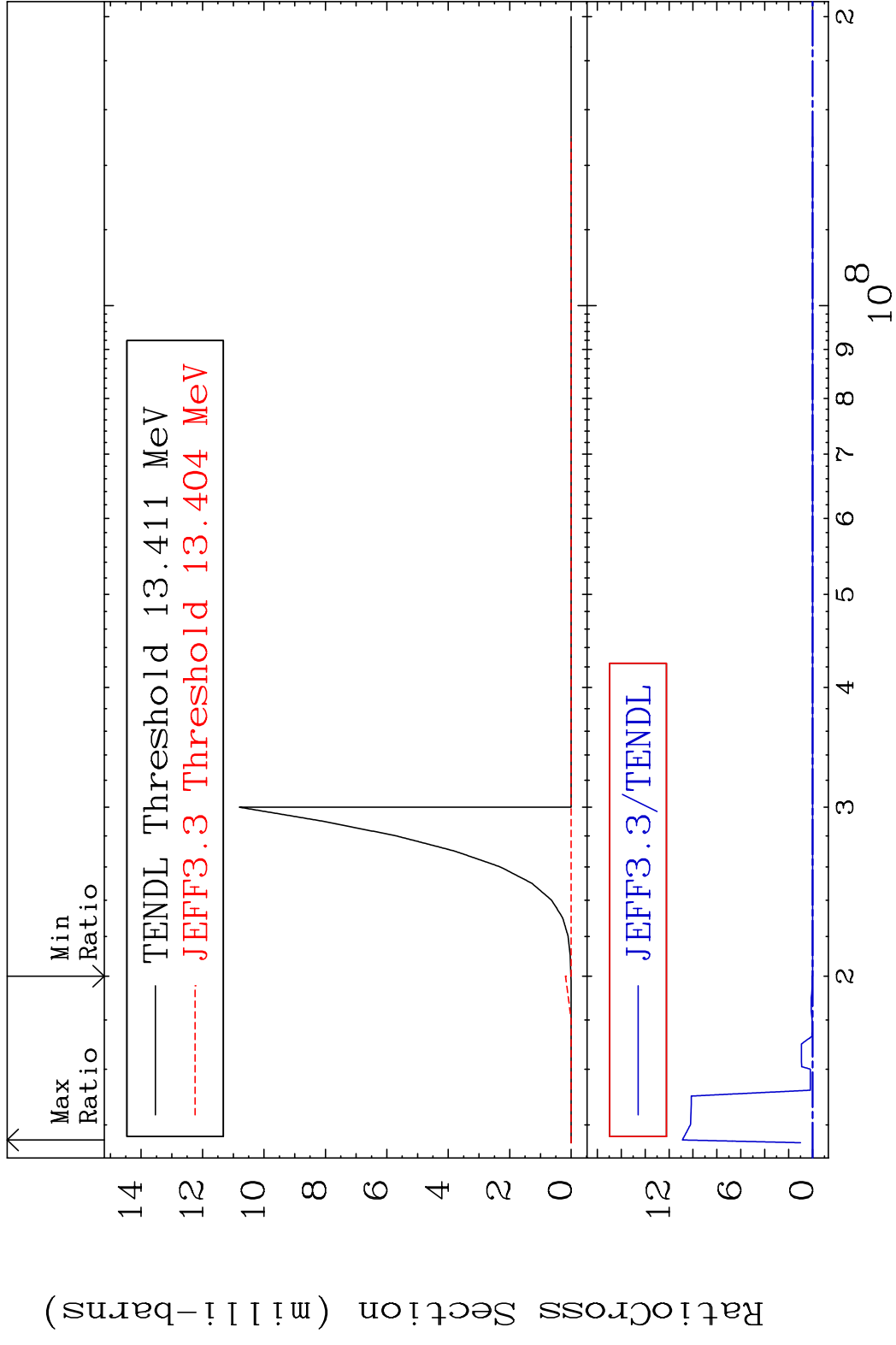


9

Incident Energy (eV)

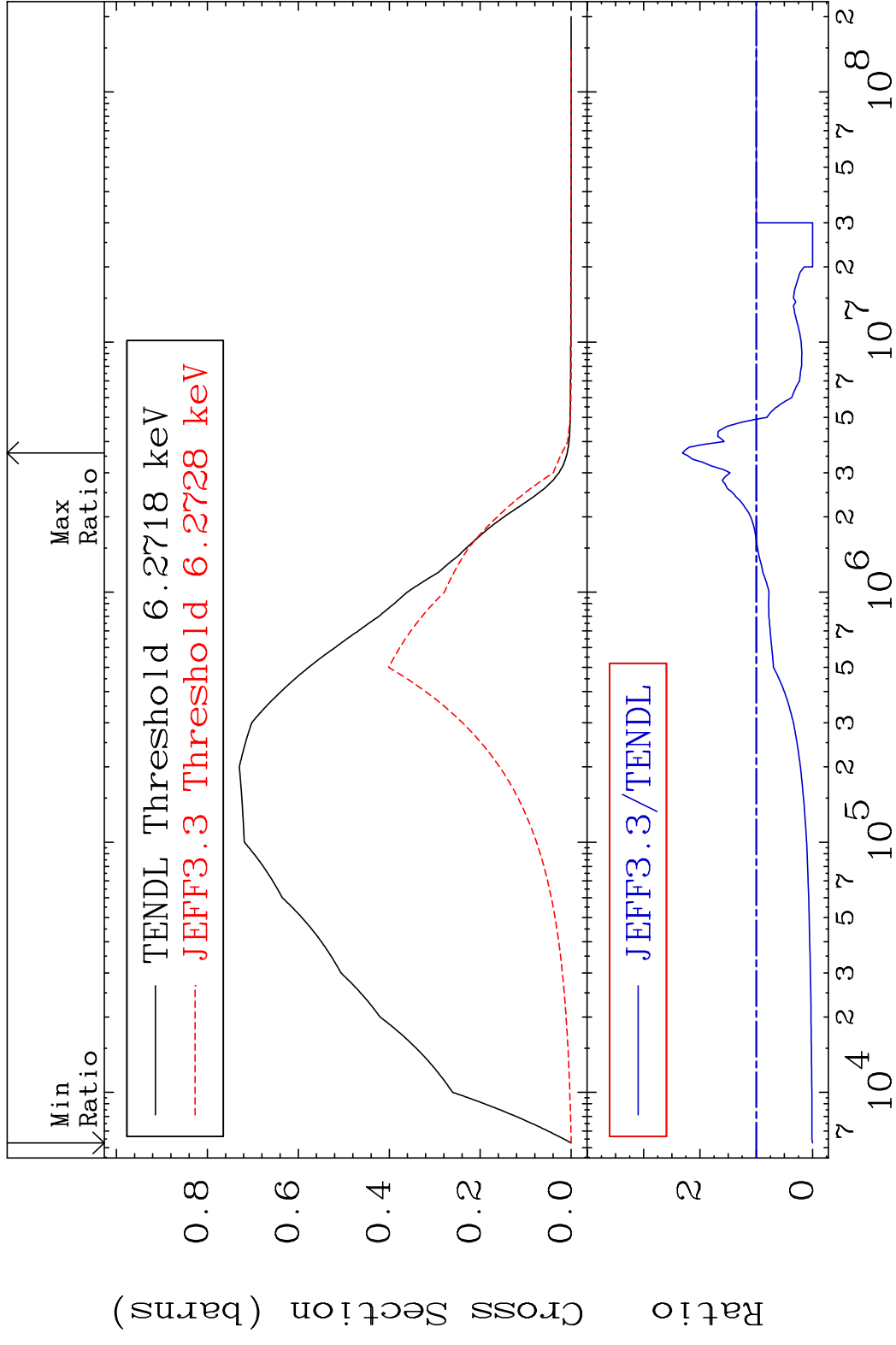
73-Ta-181

MAT 7328 (n,2n) p 73-Ta-181
 Cross Section -100.0 To 9999. %

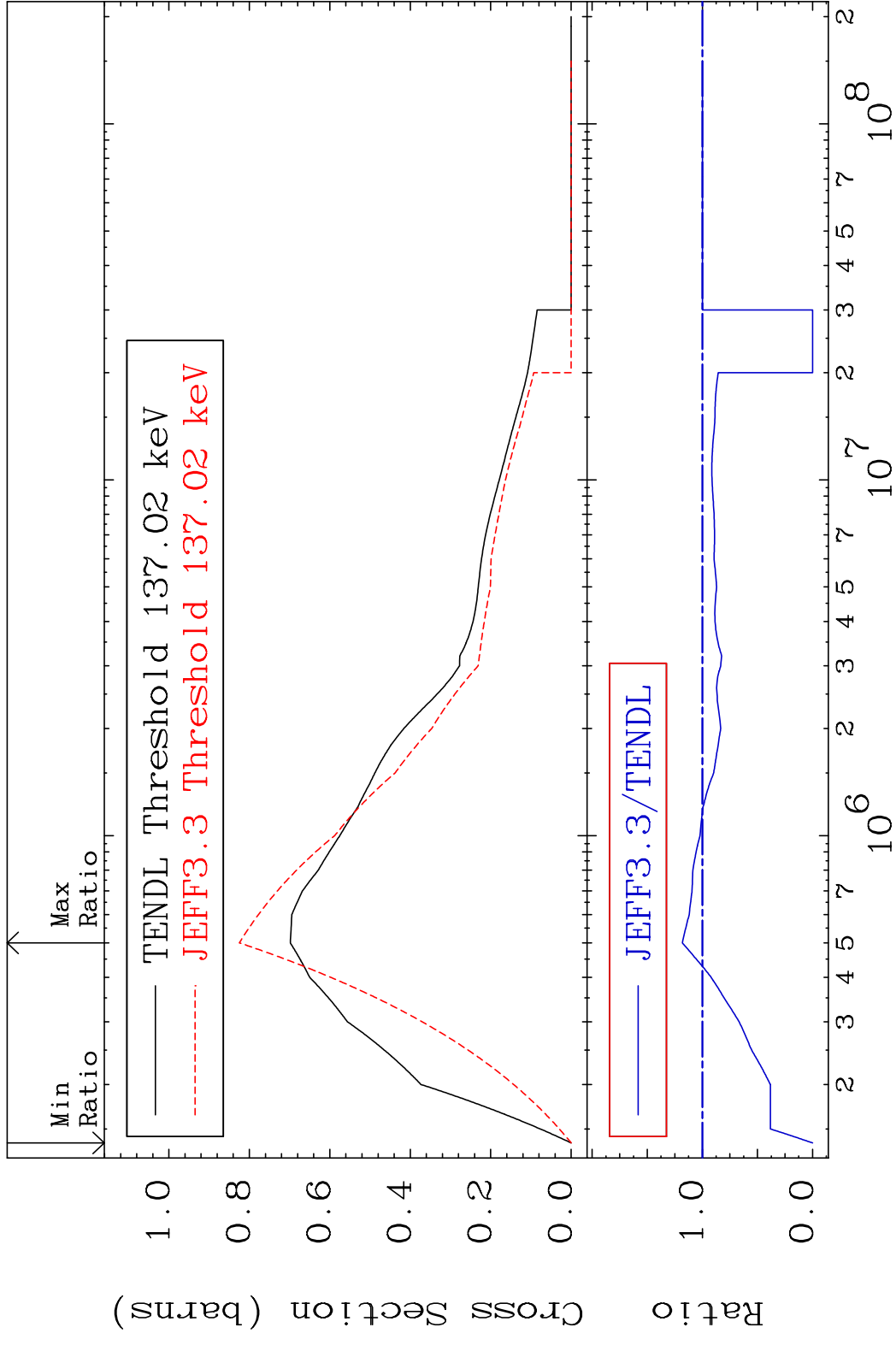


10 Incident Energy (eV) 73-Ta-181

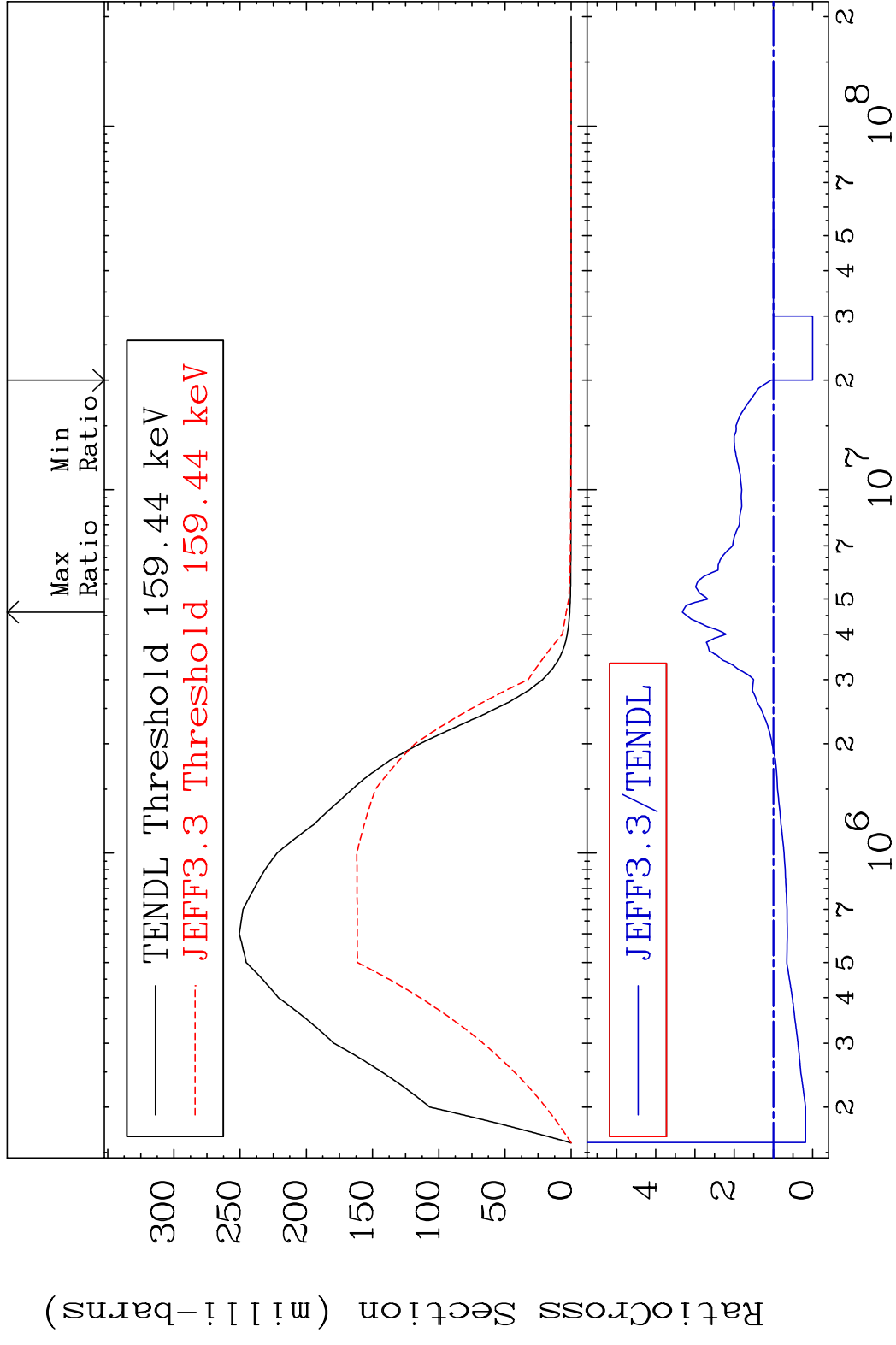
MAT 7328 MT= 51 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 131.3 %



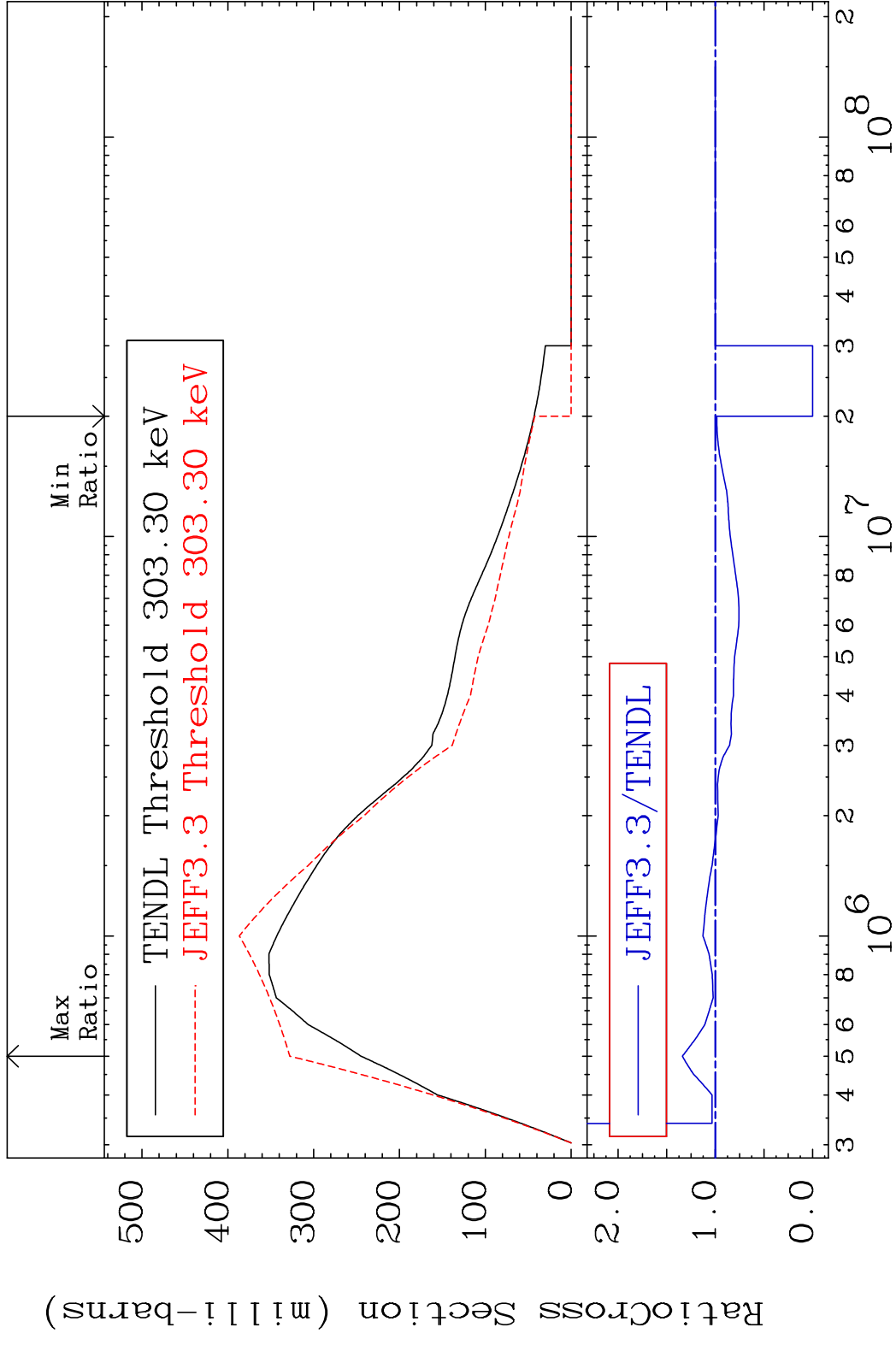
MAT 7328 MT= 52 (n,n') Level 73-Ta-181
 Cross Section -100.0 To 18.15 %



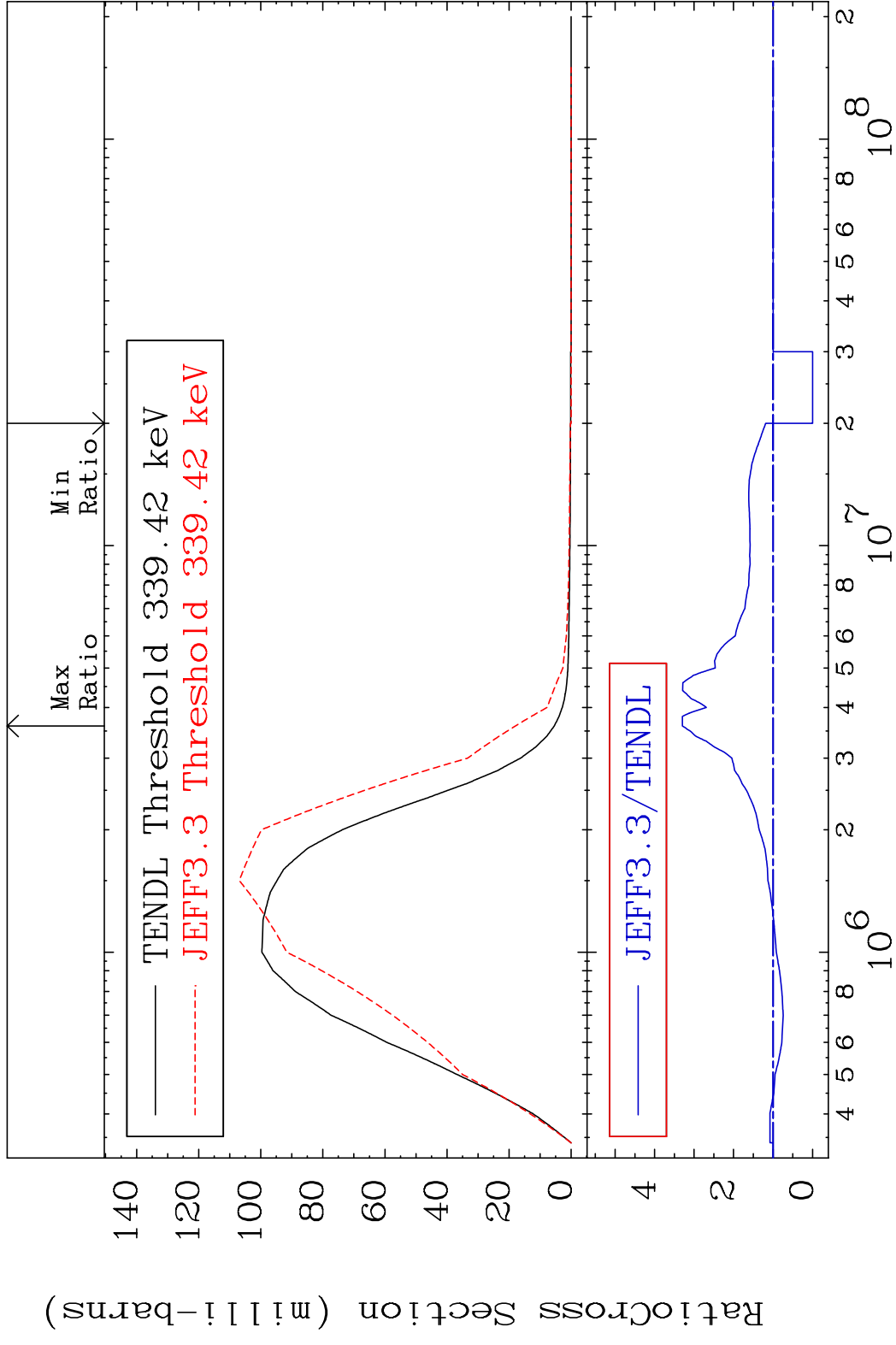
MAT 7328 MT= 53 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 232.2 %



MAT 7328 MT= 54 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 33.93 %

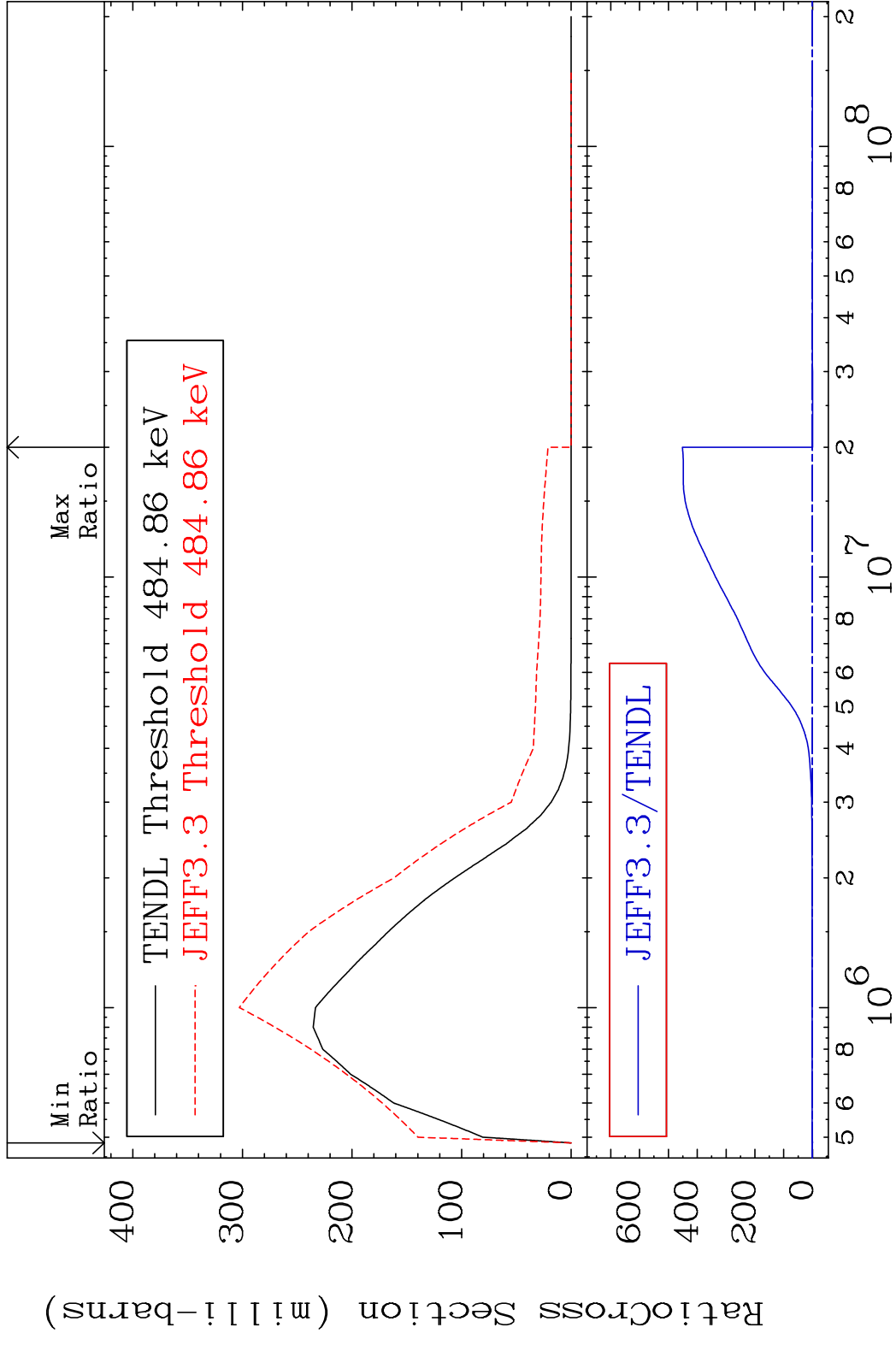


MAT 7328 MT= 55 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 229.7 %

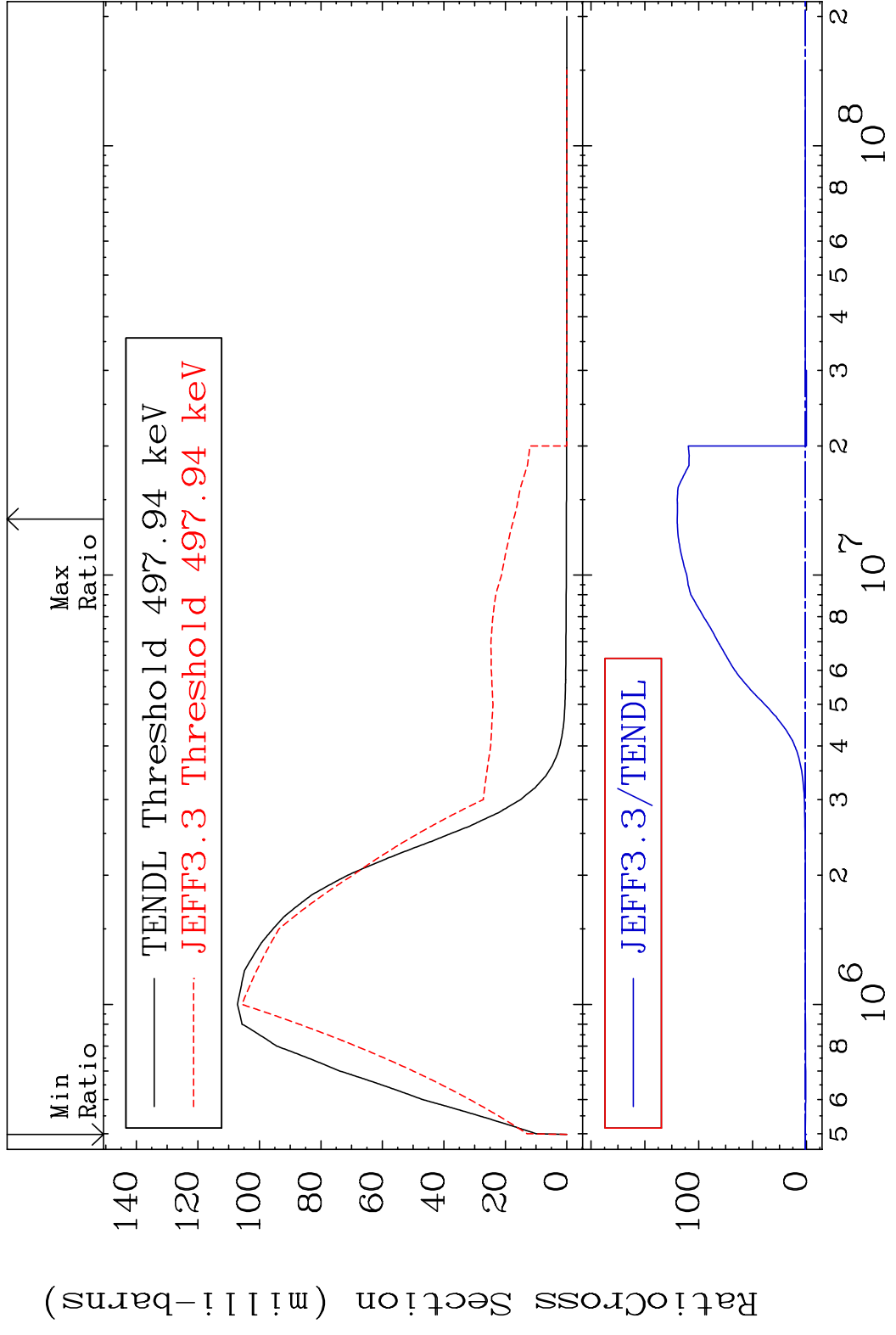


15 Incident Energy (eV) 73-Ta-181

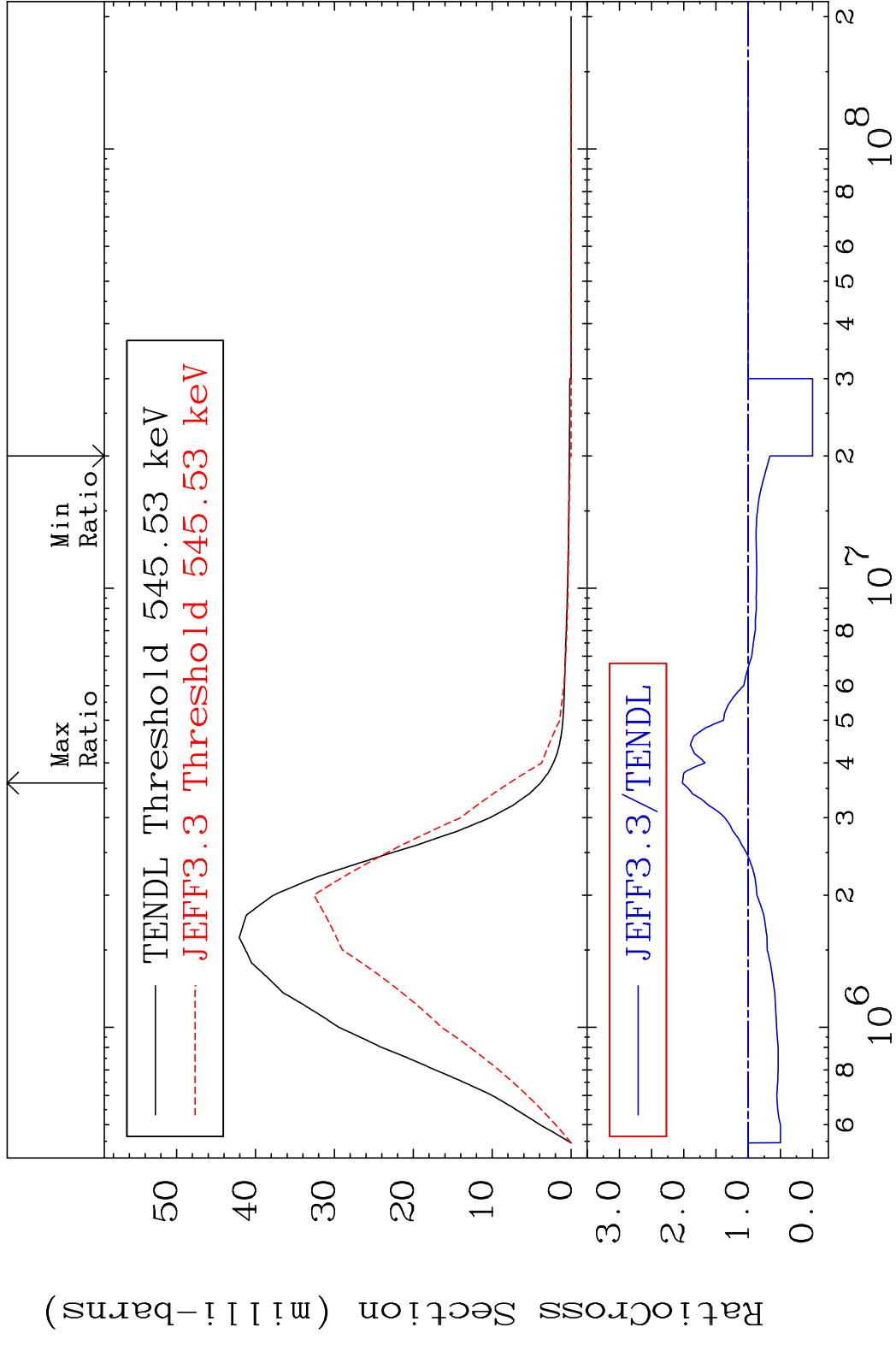
MAT 7328 MT= 56 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 9999. %



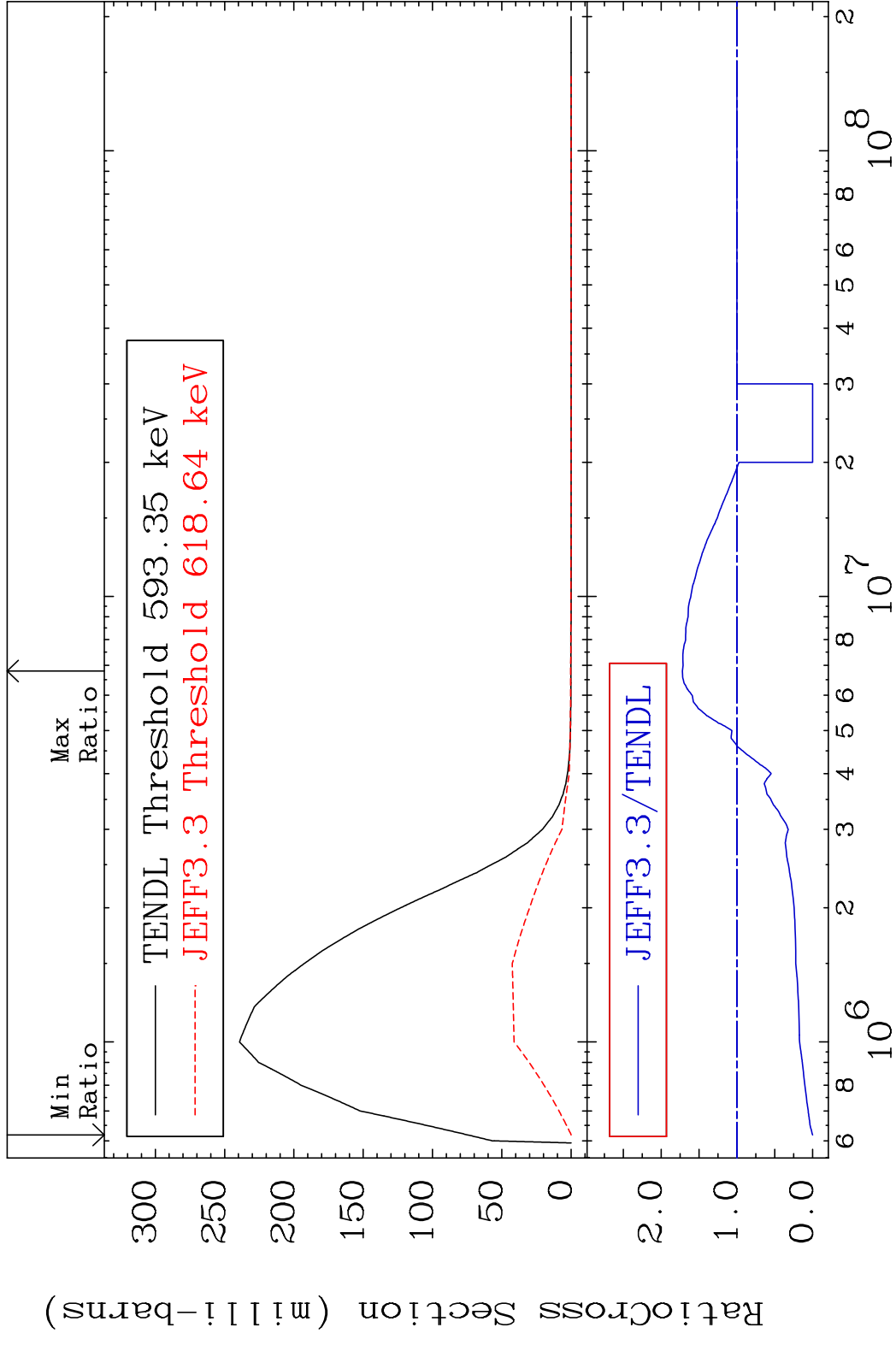
MAT 7328 MT= 57 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 9999. %



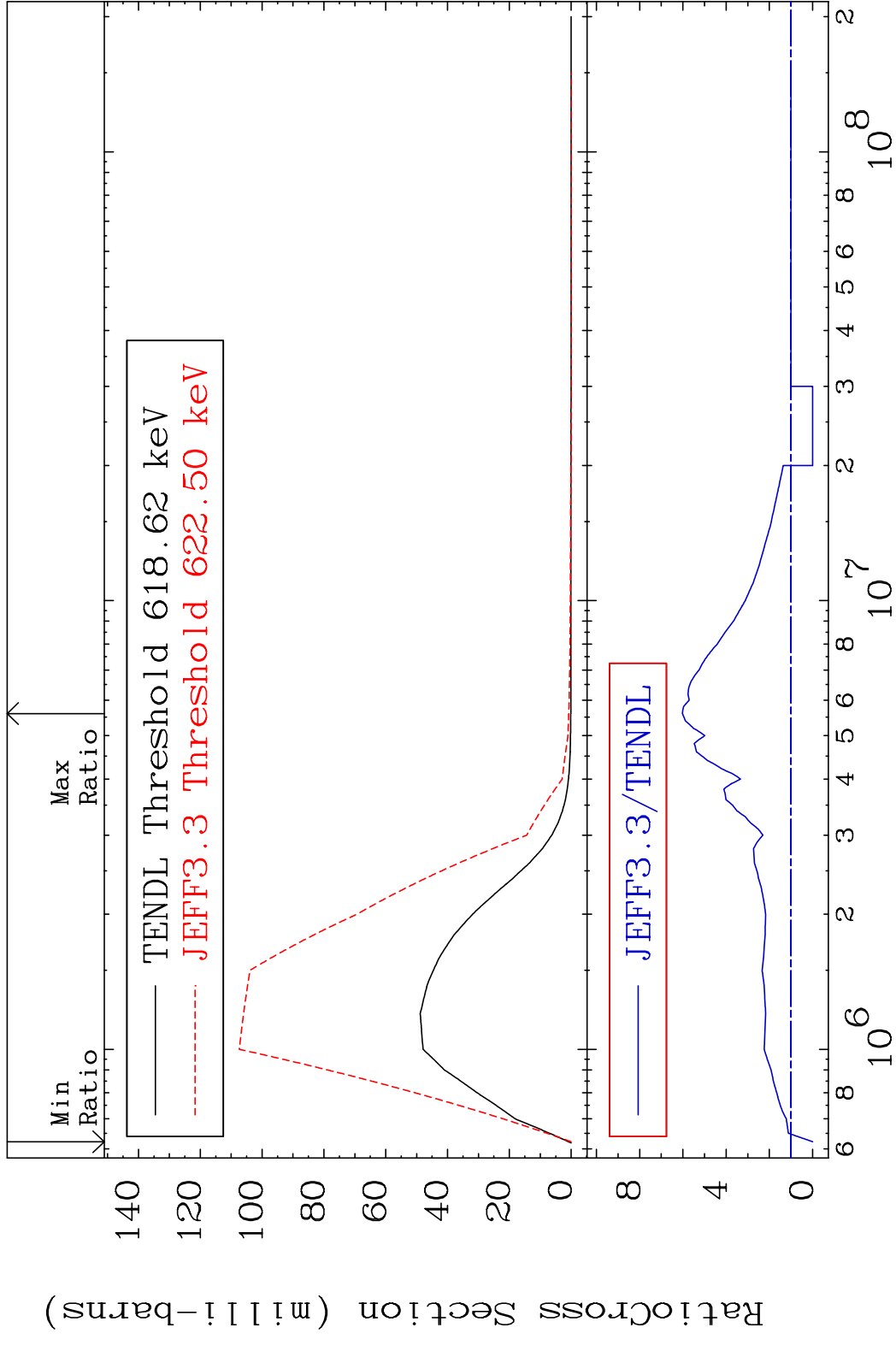
MAT 7328 MT= 58 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 102.2 %



MAT 7328 MT= 59 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 71.92 %

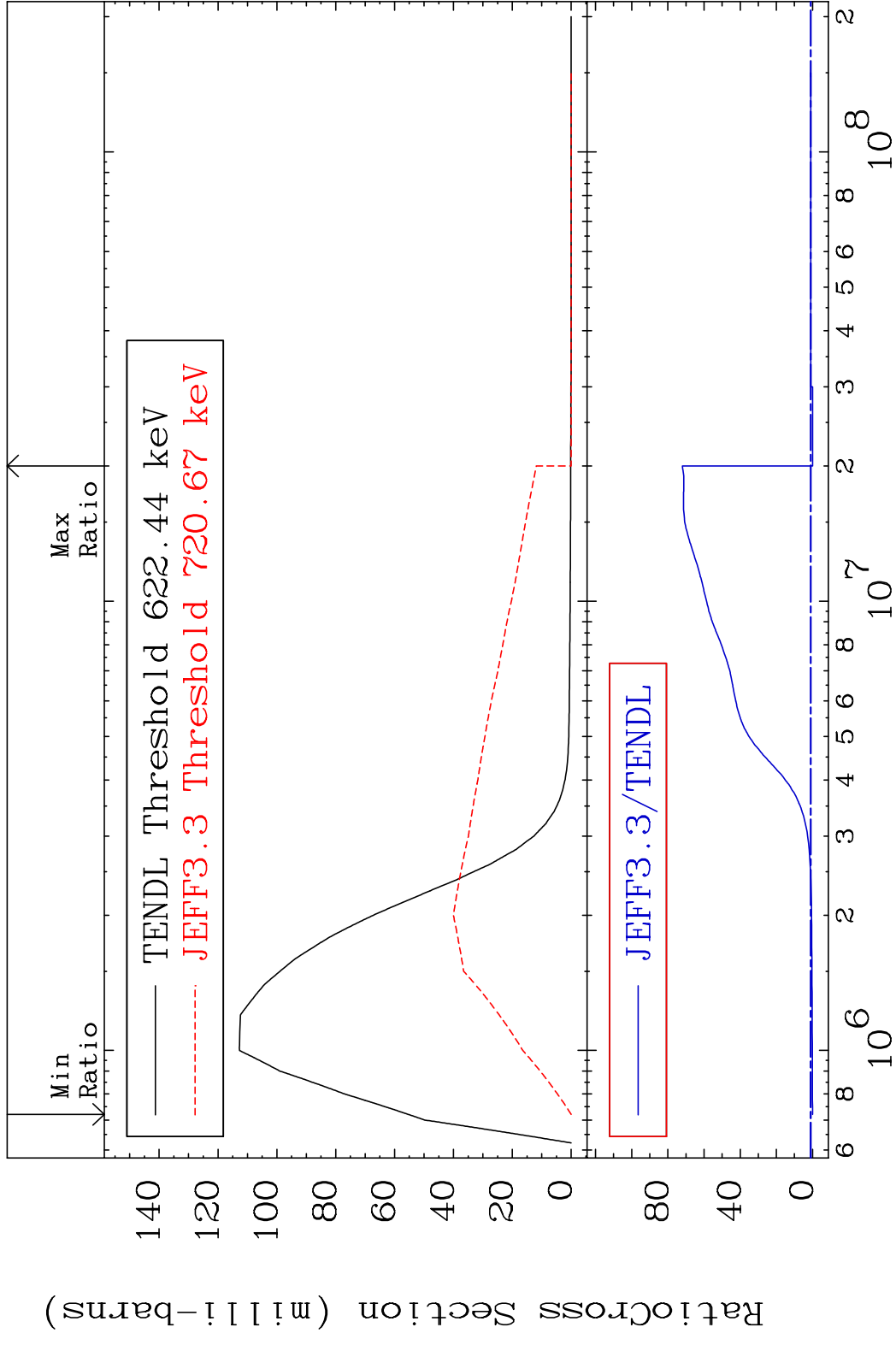


MAT 7328 MT= 60 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 502.5 %

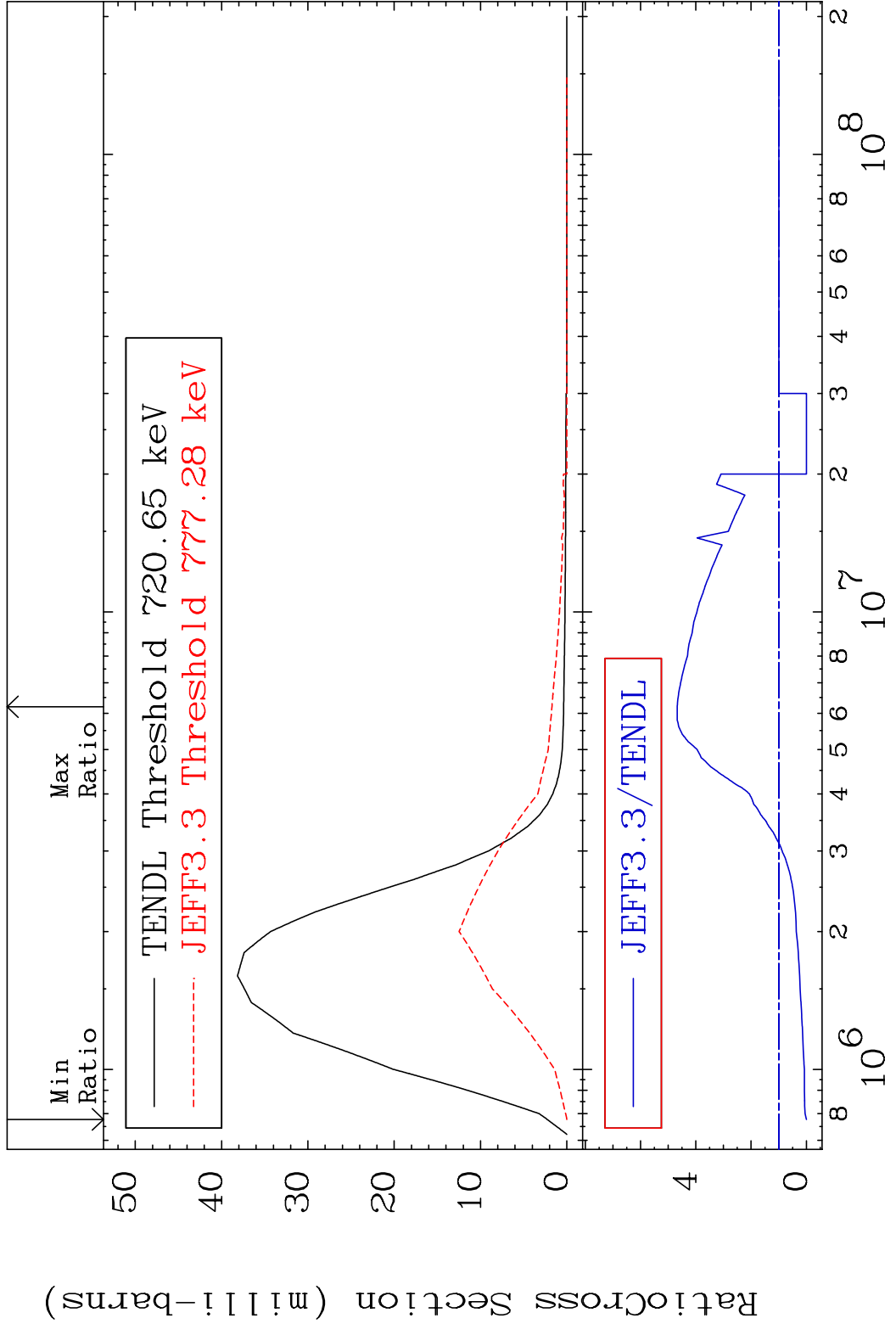


20 Incident Energy (eV) 73-Ta-181

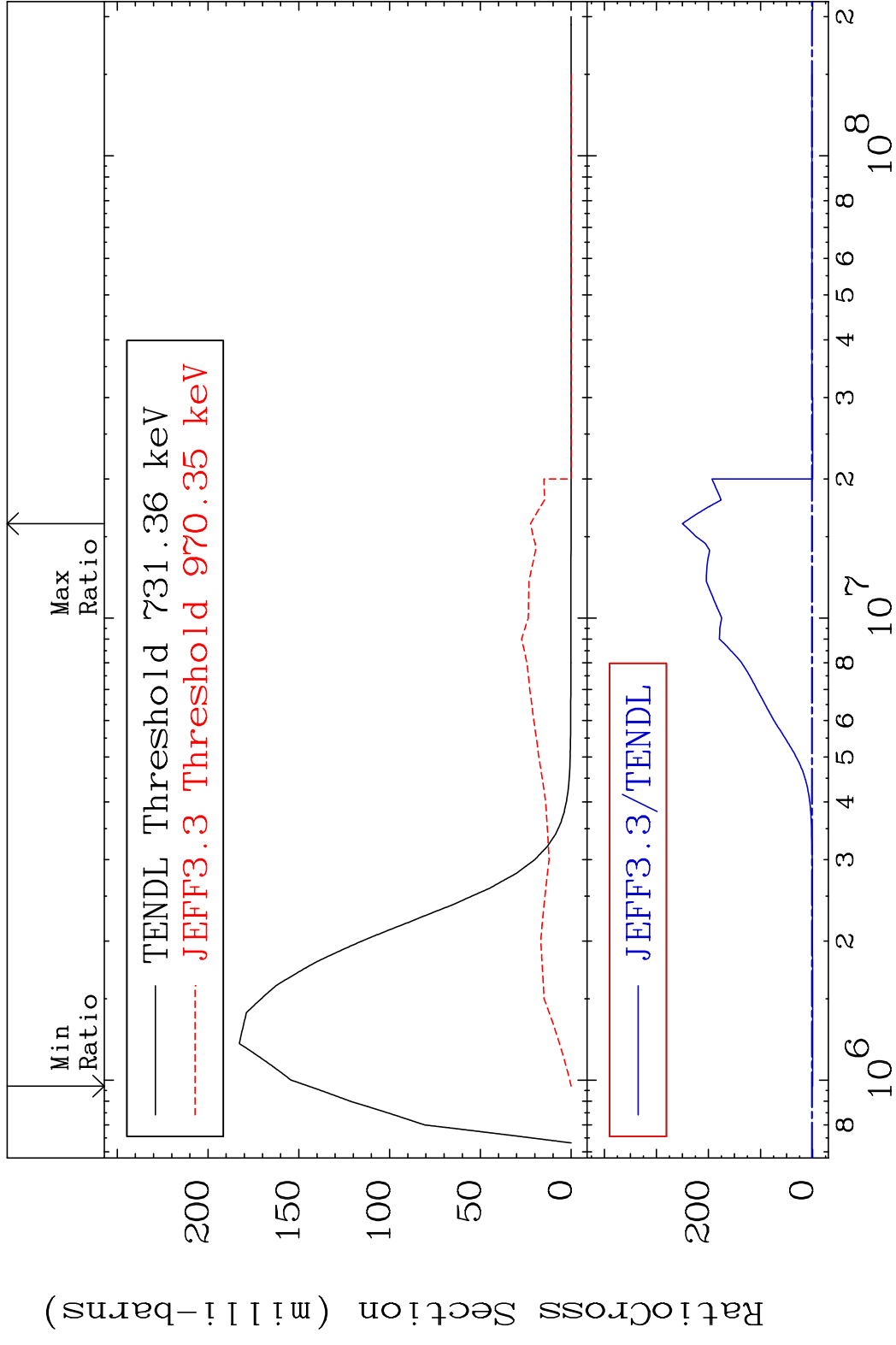
MAT 7328 MT= 61 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 7099. %



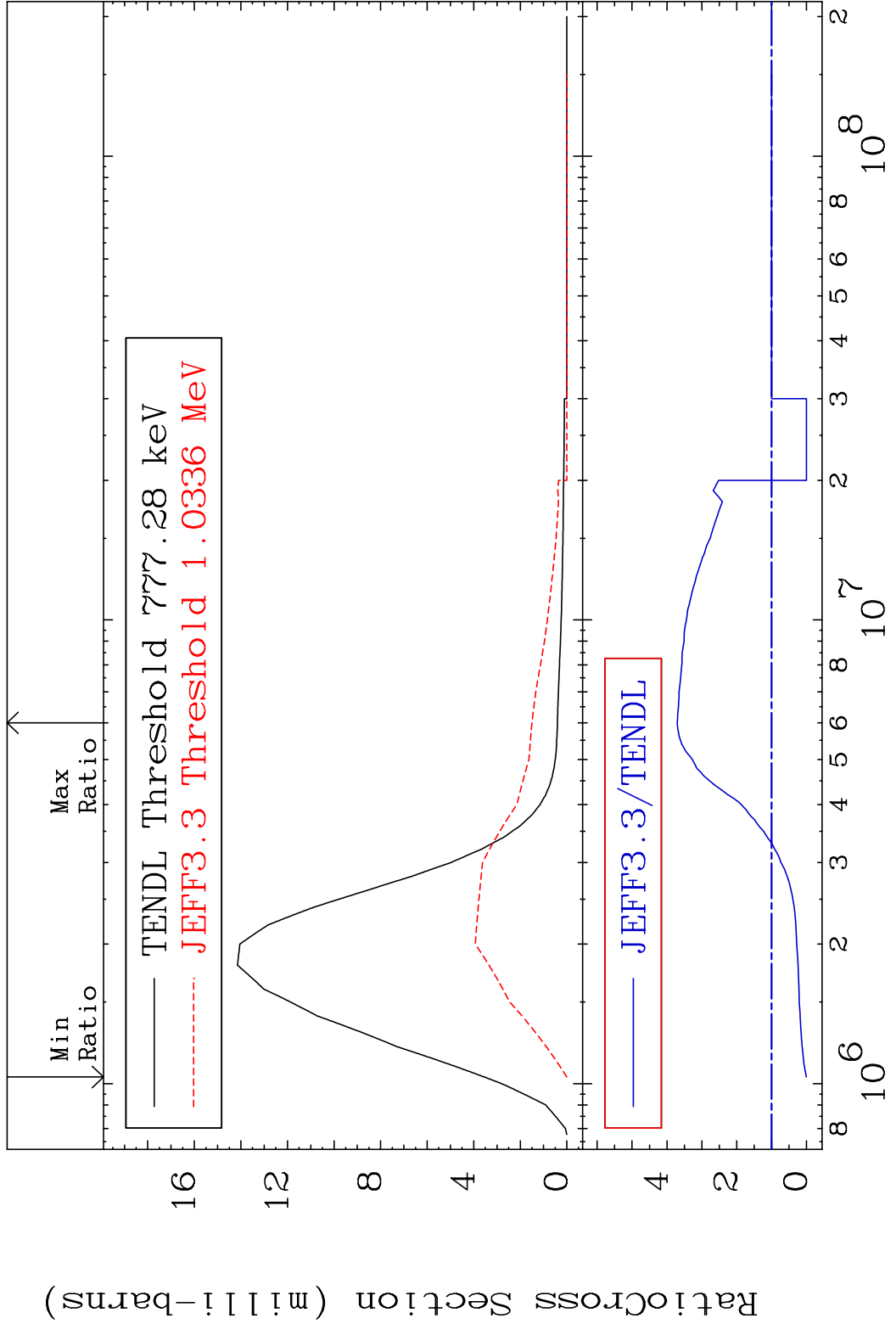
MAT 7328 MT= 62 (n,n') Level 73-Ta-181
 Cross Section -100.0 To 367.4 %



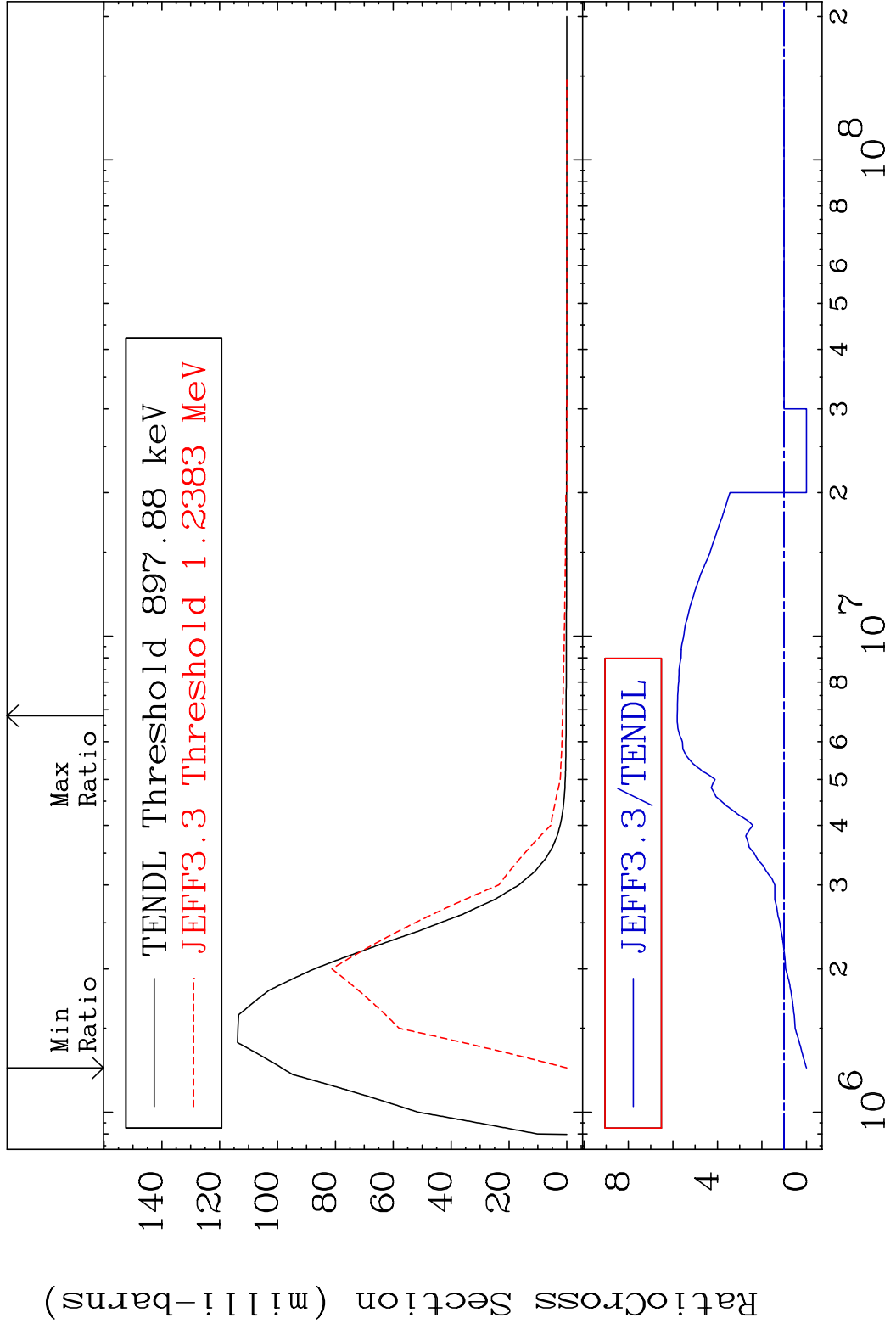
MAT 7328 MT= 63 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 9999. %



MAT 7328 MT= 64 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 270.6 %

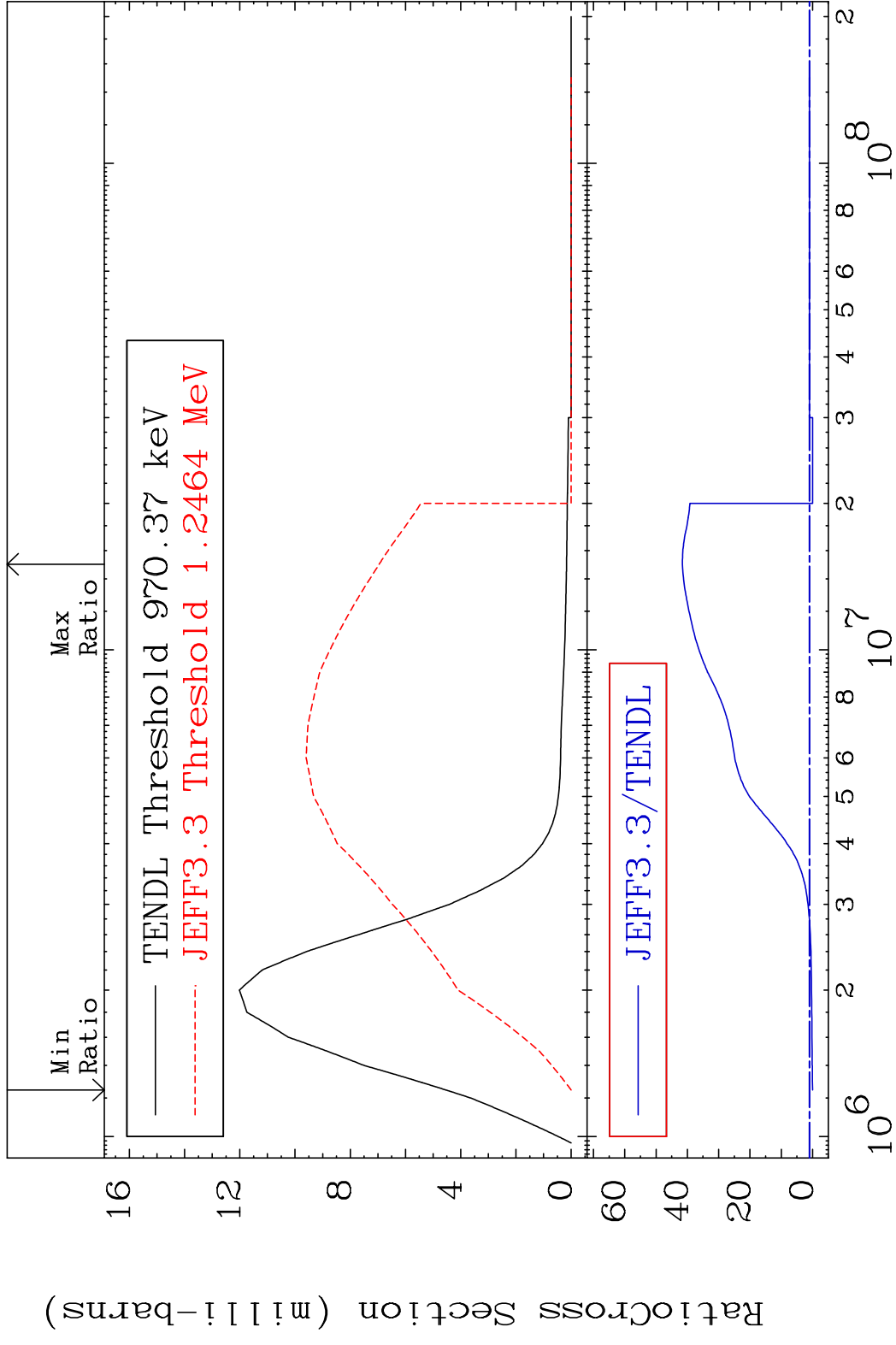


MAT 7328 MT= 65 (n,n') Level 73-Ta-181
 Cross Section -100.0 To 480.7 %



25 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 66 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 4060. %



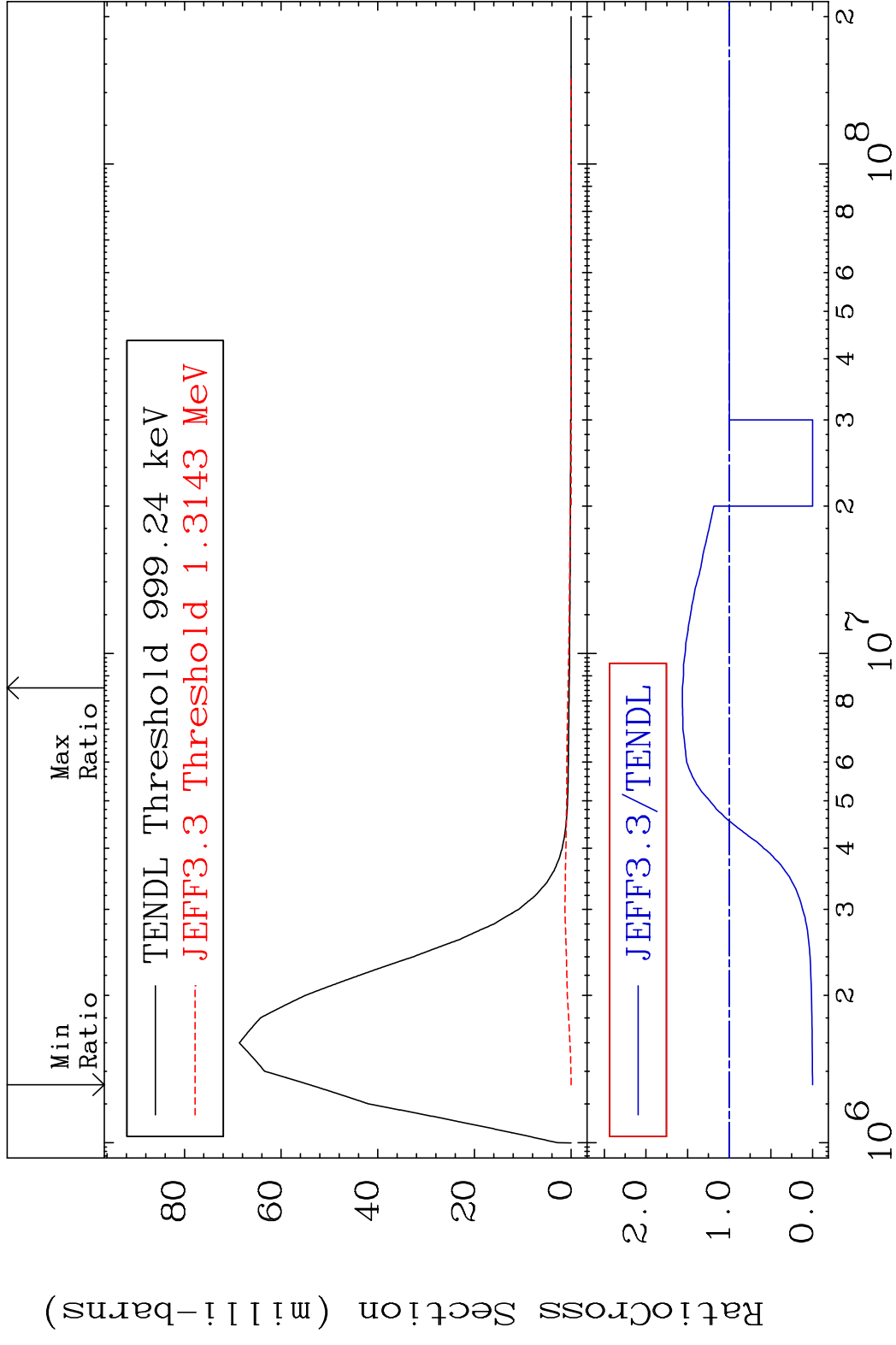
26 Incident Energy (eV) 73-Ta-181

MAT 7328

MT= 67 (n, n') Level

73-Ta-181

Cross Section -100.0 To 56.32 %

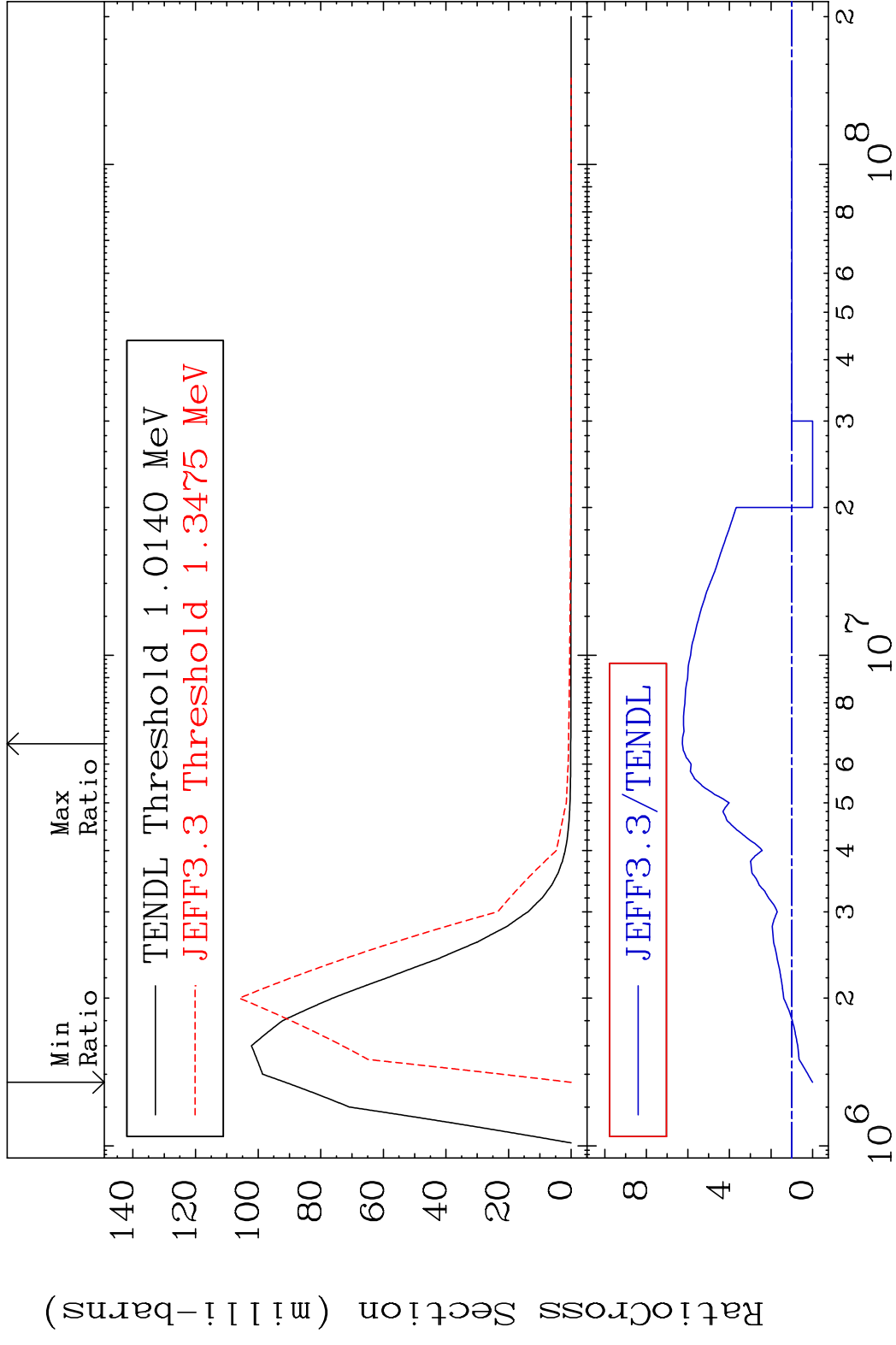


27

Incident Energy (eV)

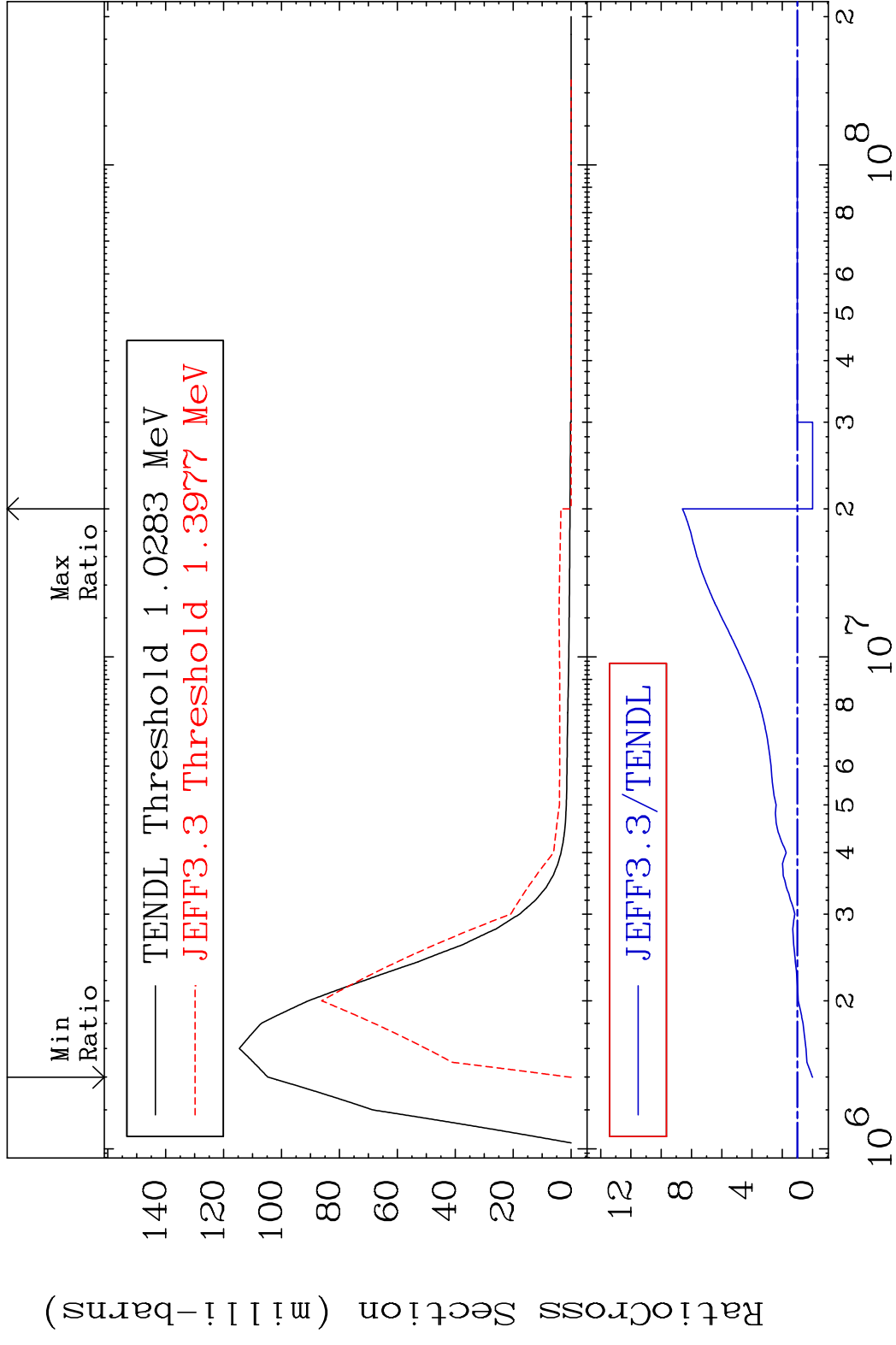
73-Ta-181

MAT 7328 MT= 68 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 526.8 %



28 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 69 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 760.2 %



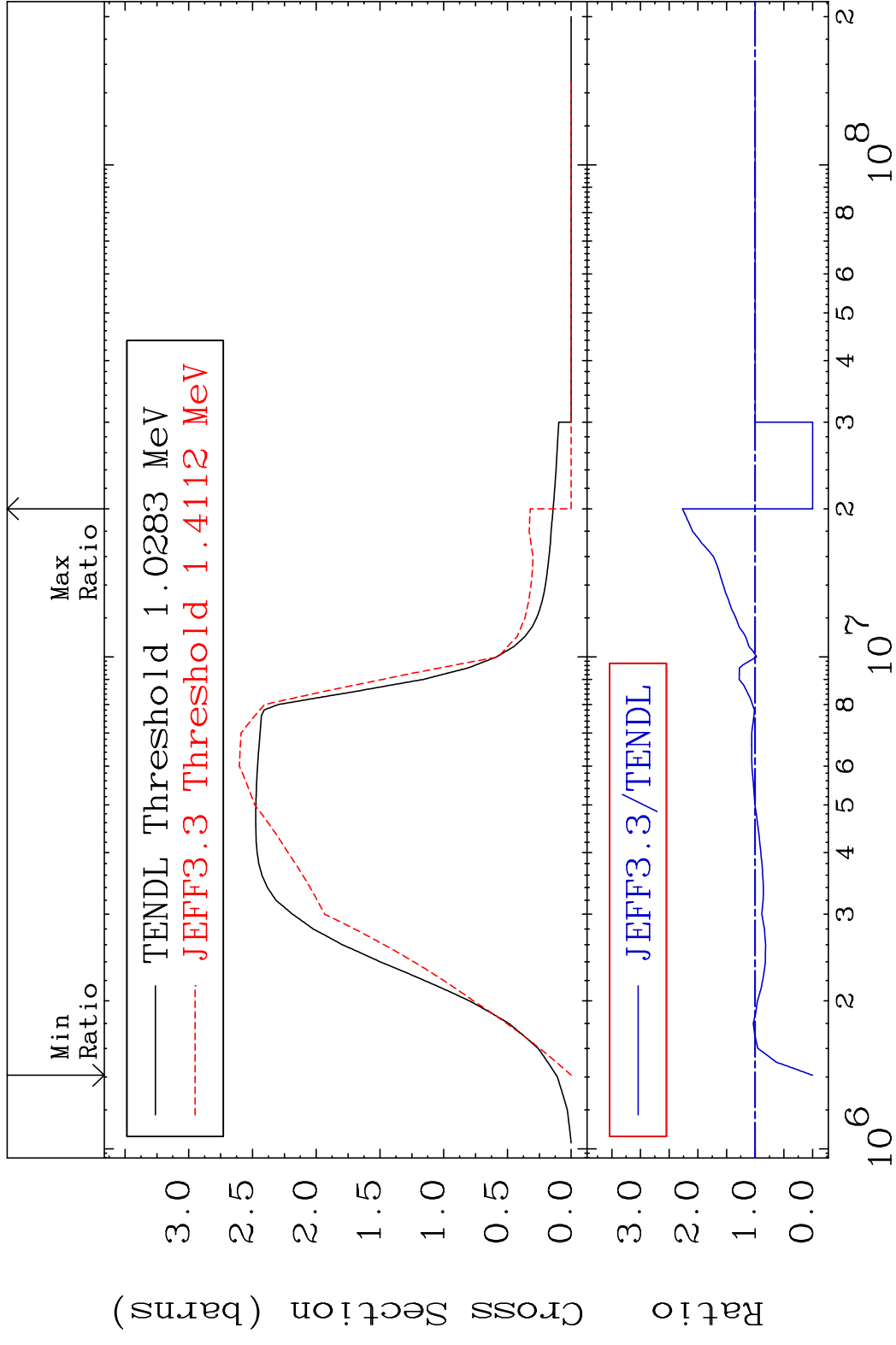
29 Incident Energy (eV) 73-Ta-181

MAT 7328

(n, n') Continuum

73-Ta-181

Cross Section -100.0 To 127.0 %



30

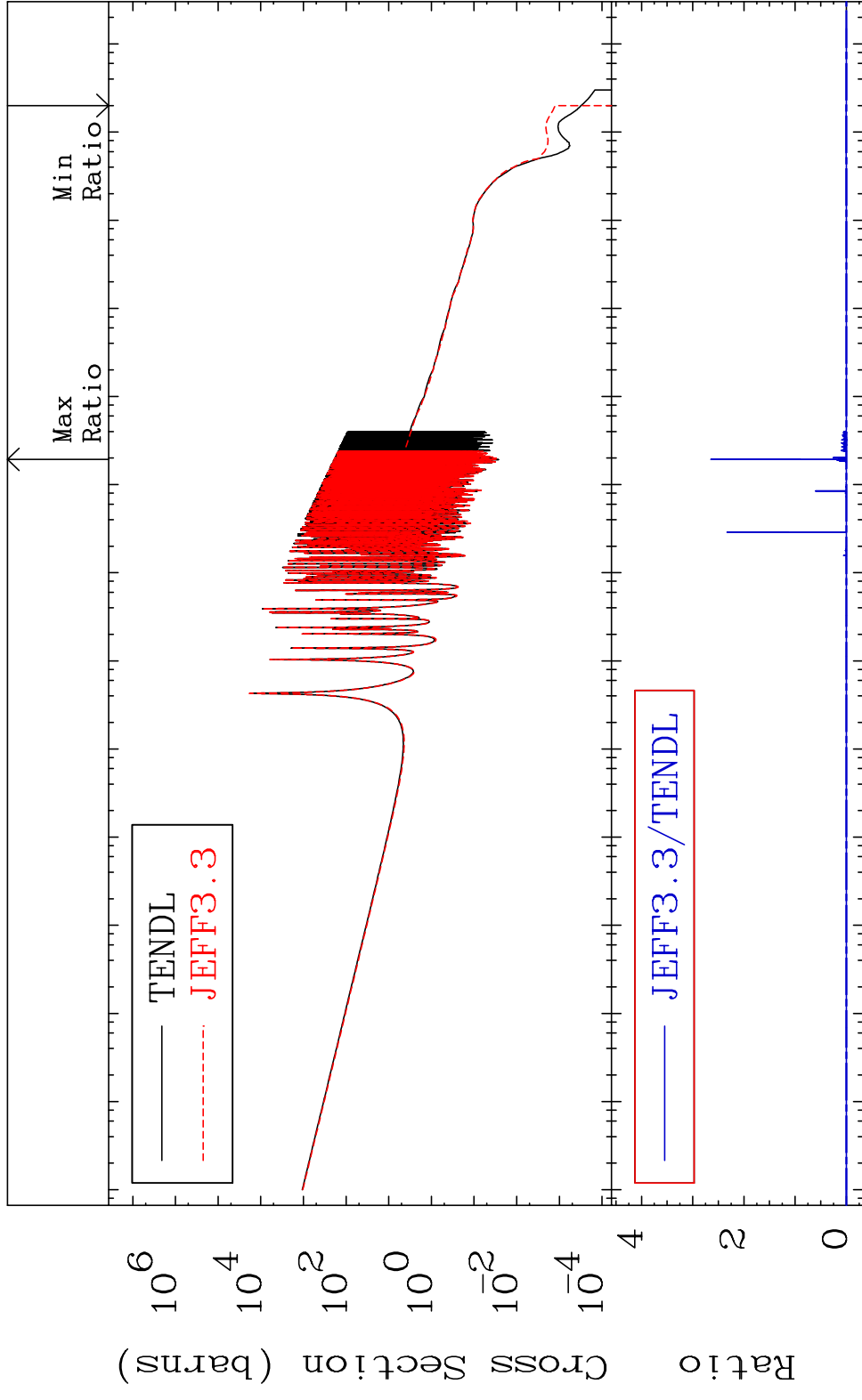
Incident Energy (eV)

73-Ta-181

MAT 7328

(n, γ) 73-Ta-181

Cross Section -100.0 To 9999. %

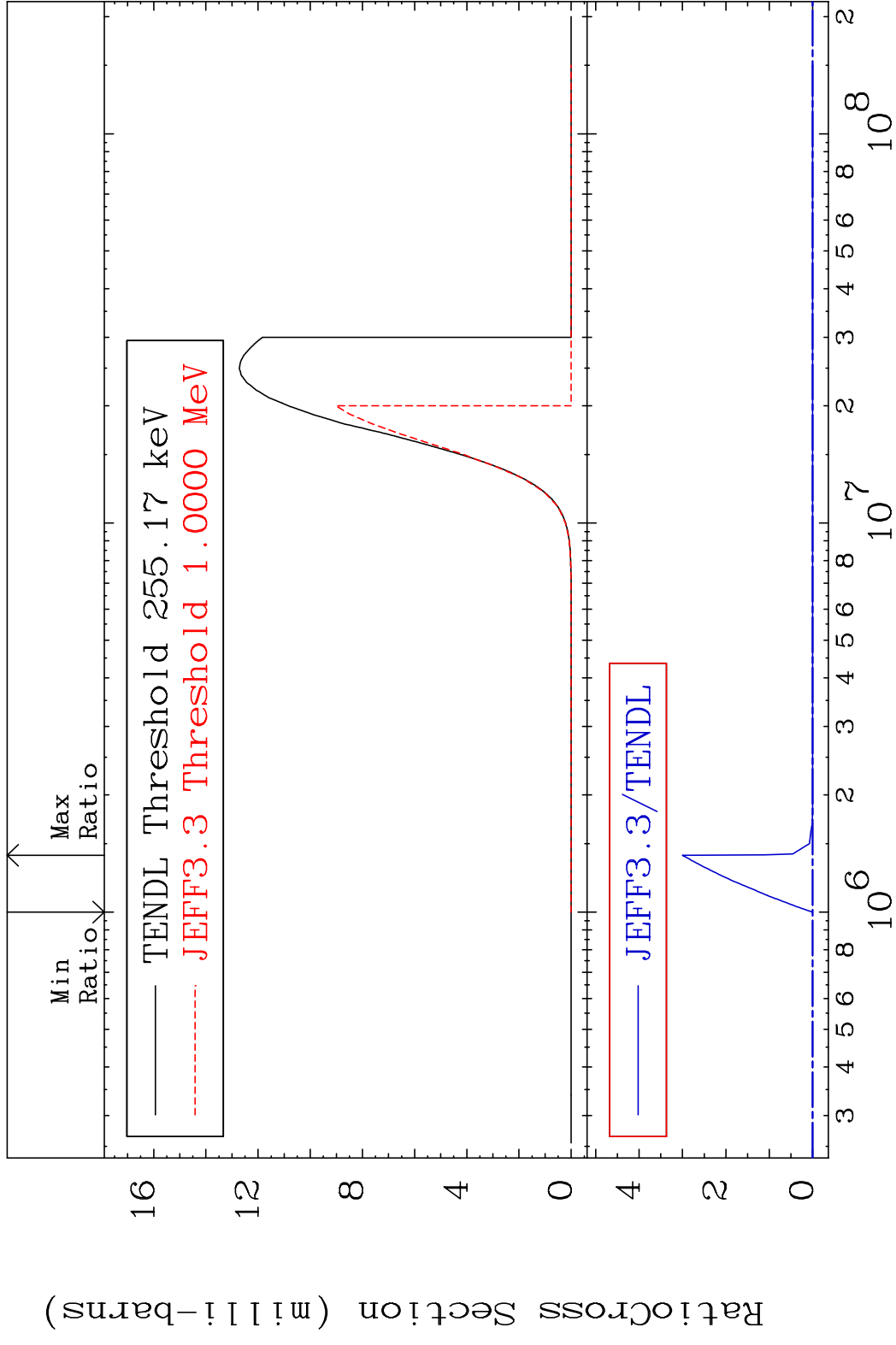


MAT 7328

(n, p)

73-Ta-181

Cross Section -100.0 To 9999. %

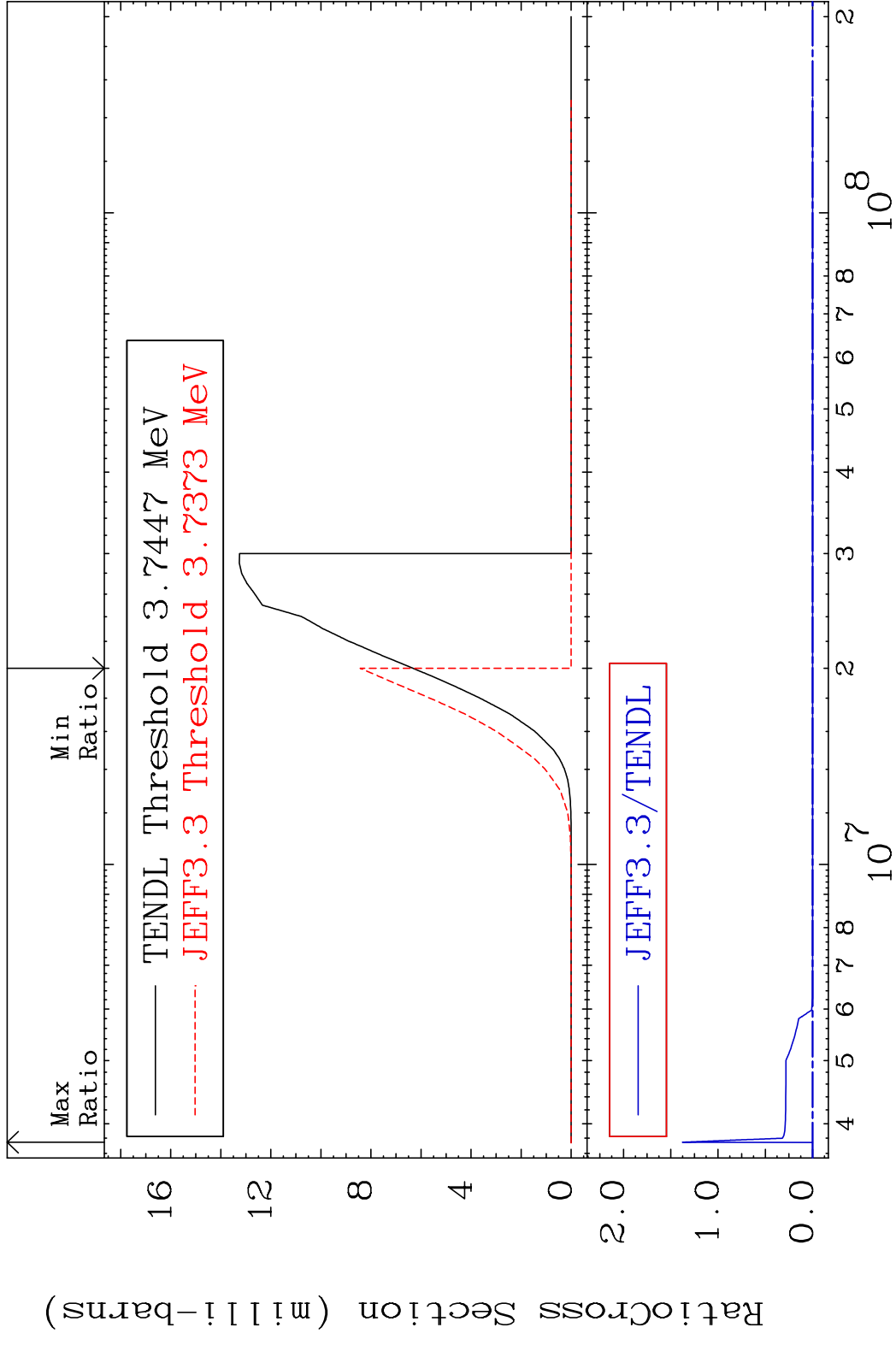


MAT 7328

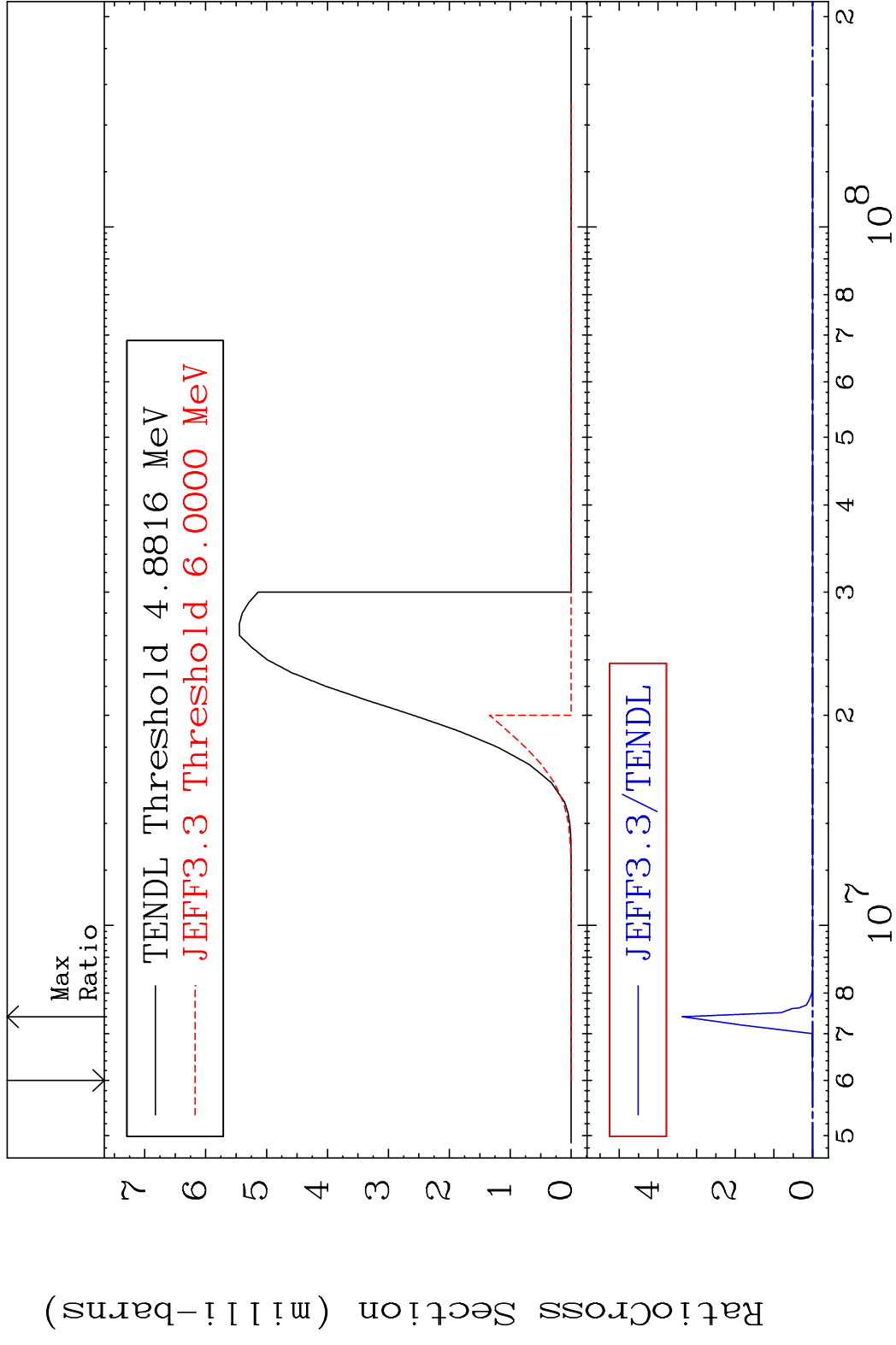
(n,d)

73-Ta-181

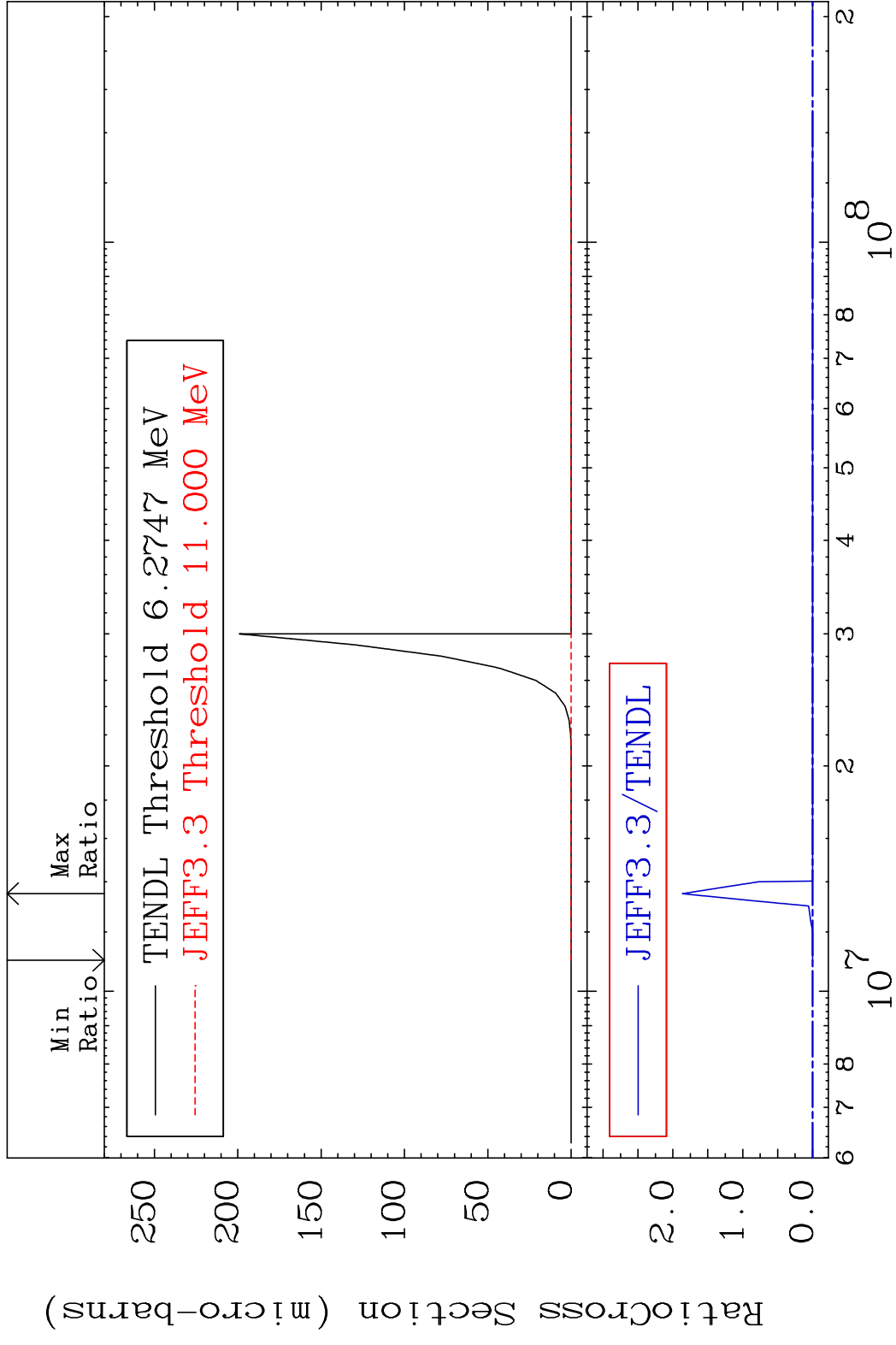
Cross Section -100.0 To 9999. %



MAT 7328 (n, t) 73-Ta-181
 Cross Section -100.0 To 9999. %



MAT 7328 (n, He-3) 73-Ta-181
 Cross Section -100.0 To 9999. %



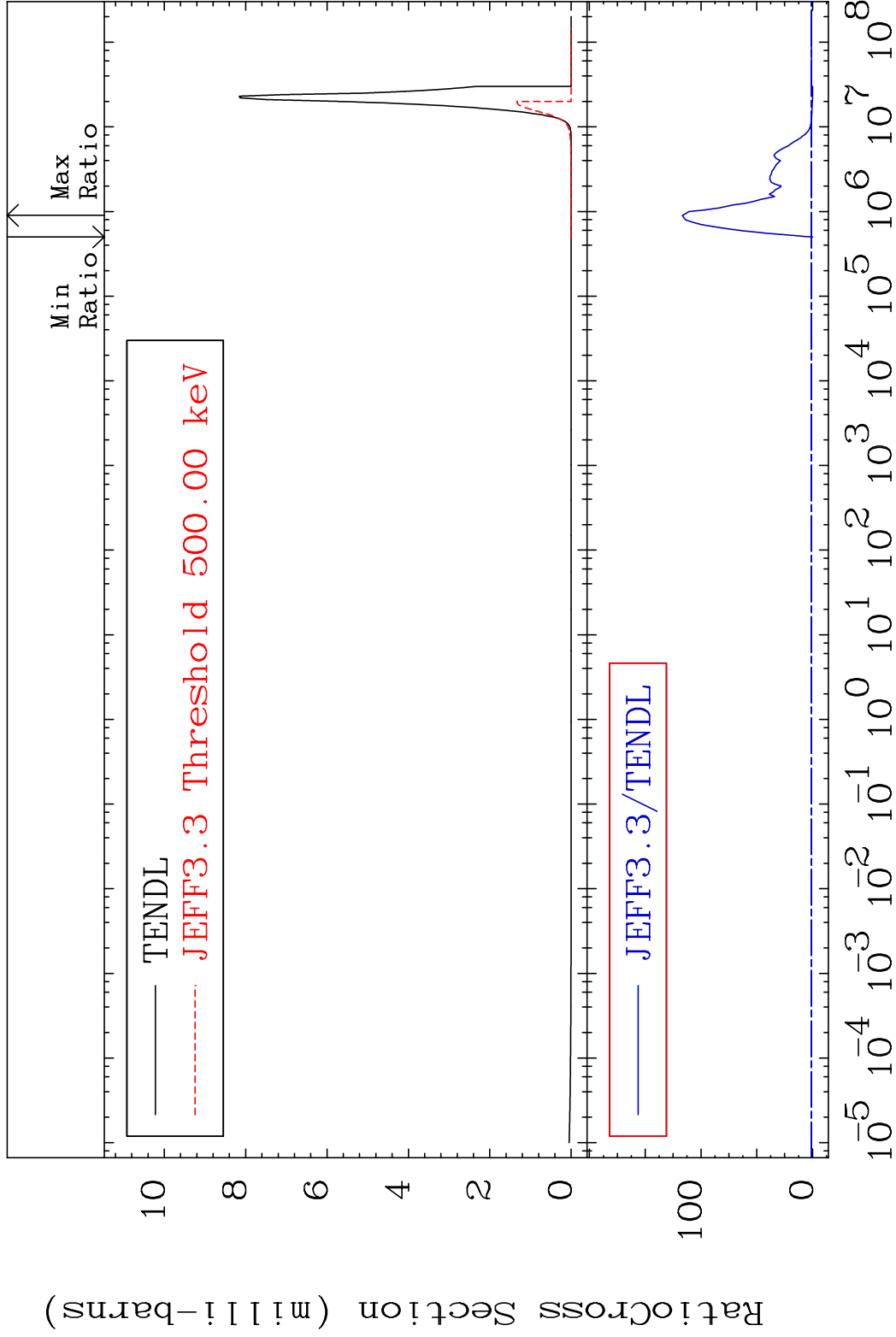
35 Incident Energy (eV) 73-Ta-181

MAT 7328

(n, α)

73-Ta-181

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

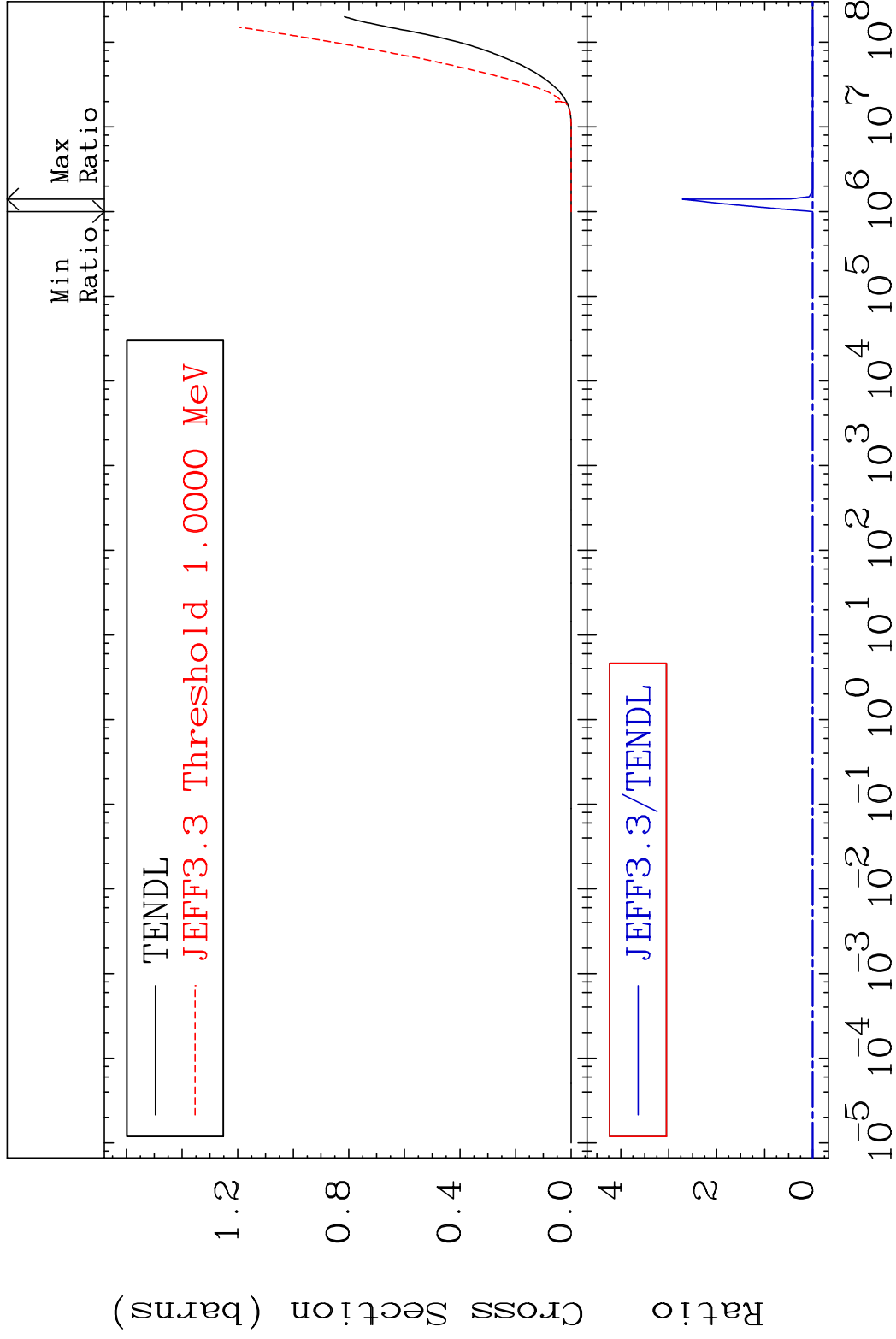
73-Ta-181

MAT 7328

Hydrogen Production

73-Ta-181

Cross Section -100.0 To 9999. %



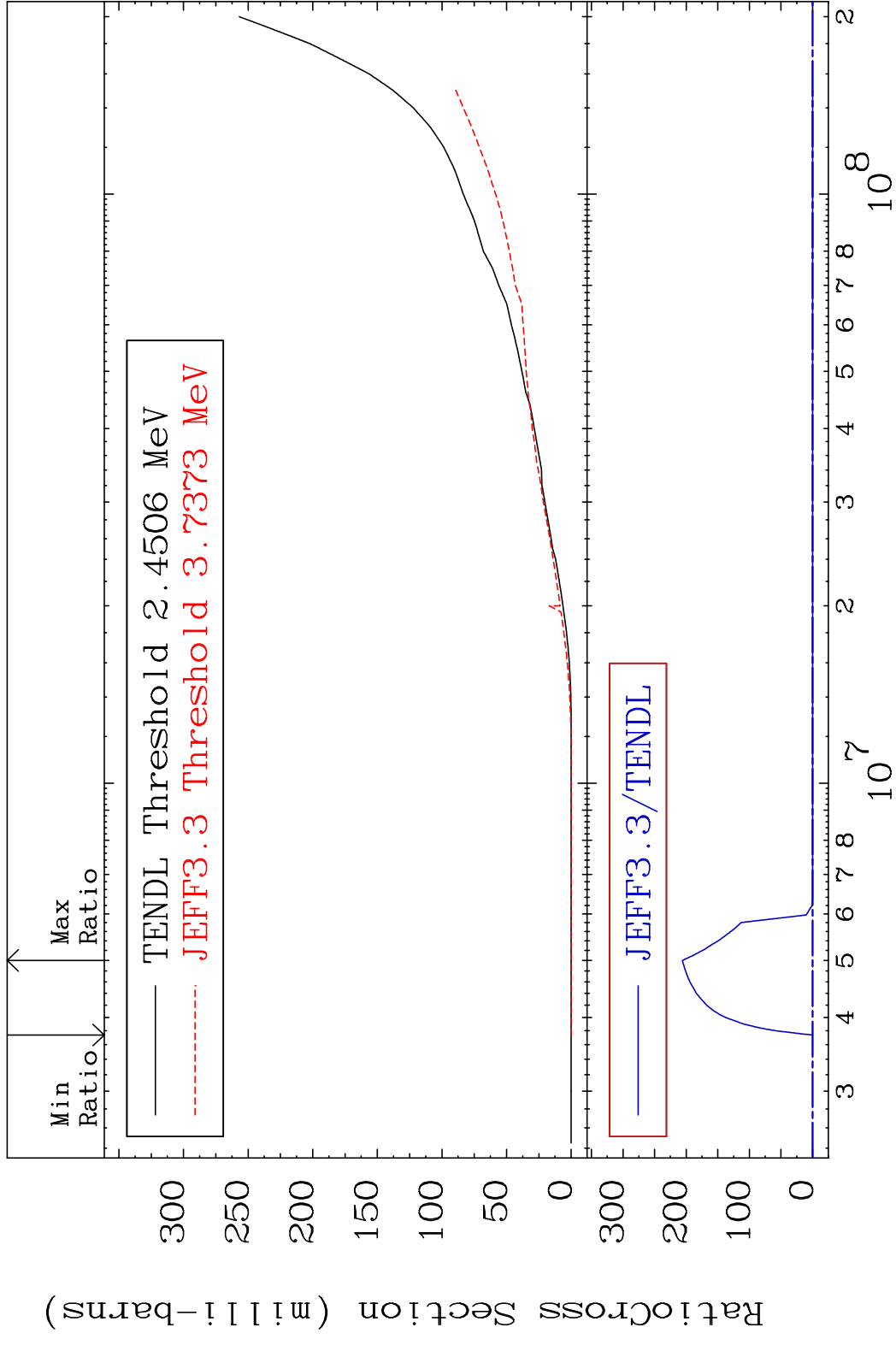
37

Incident Energy (eV)

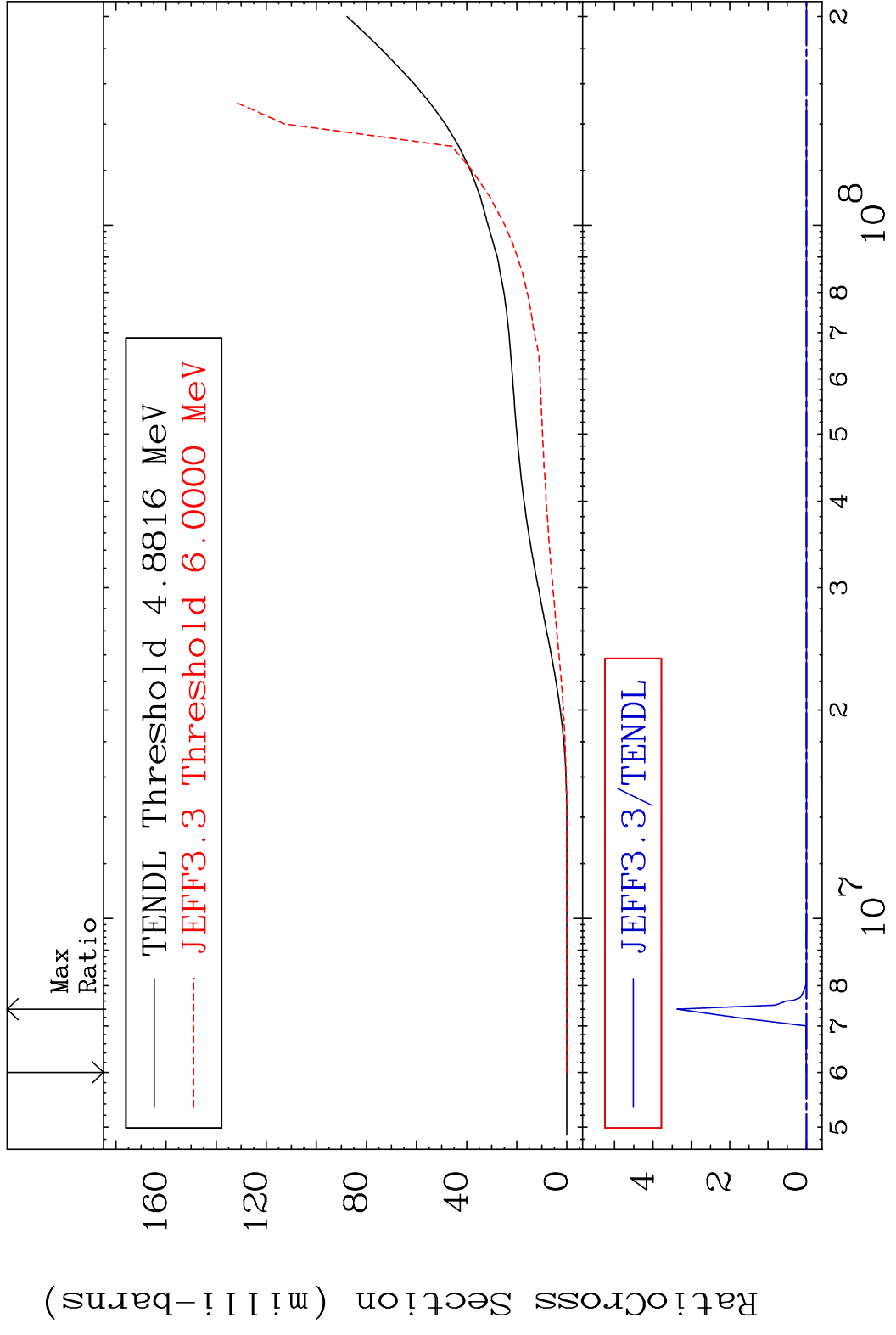
73-Ta-181

MAT 7328

Deuterium Production 73-Ta-181
Cross Section -100.0 To 9999. %



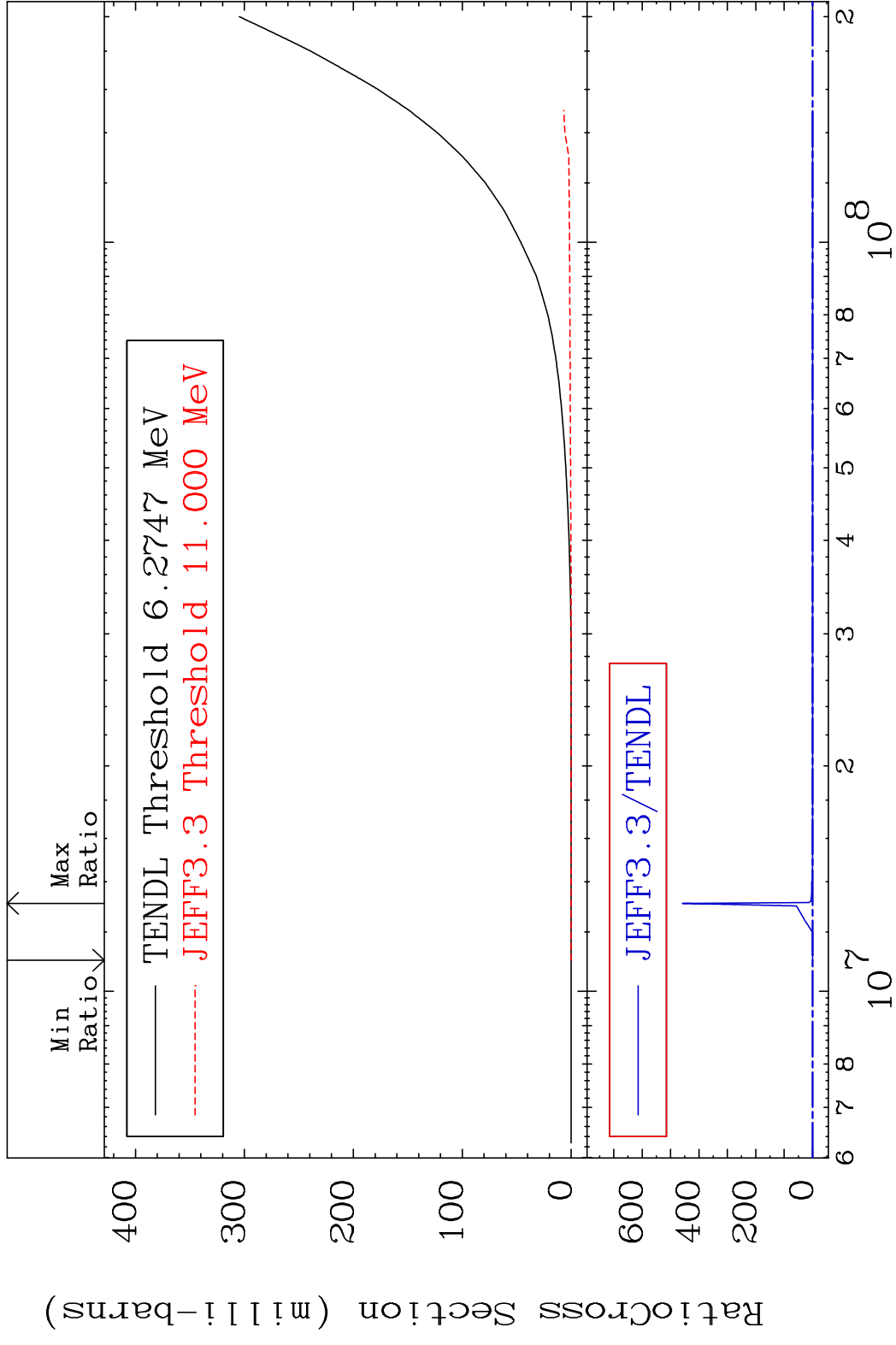
MAT 7328 Tritium Production 73-Ta-181
 Cross Section -100.0 To 9999. %



MAT 7328

He-3 Production 73-Ta-181

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

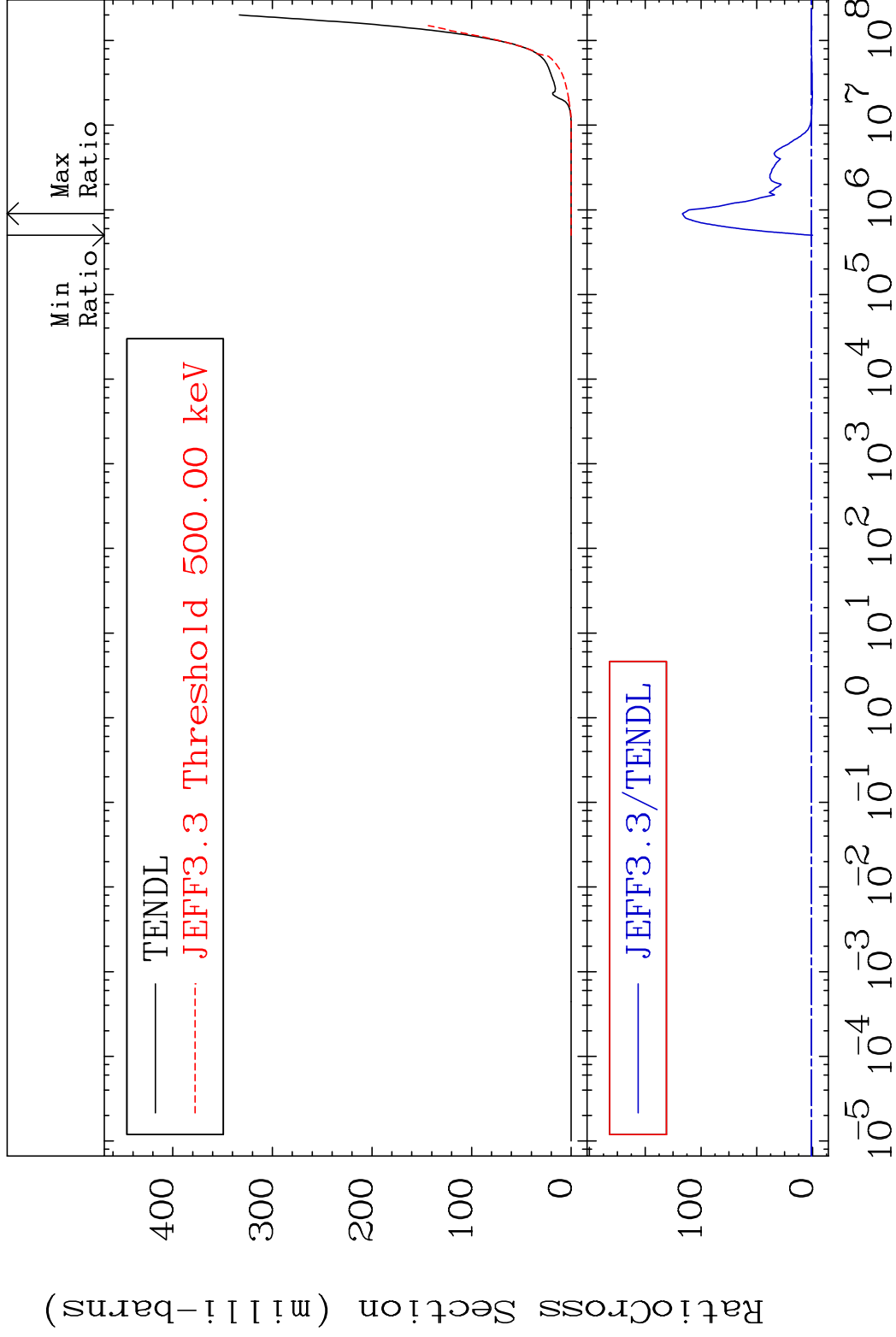
73-Ta-181

MAT 7328

He-4 Production

73-Ta-181

Cross Section -100.0 To 9999. %

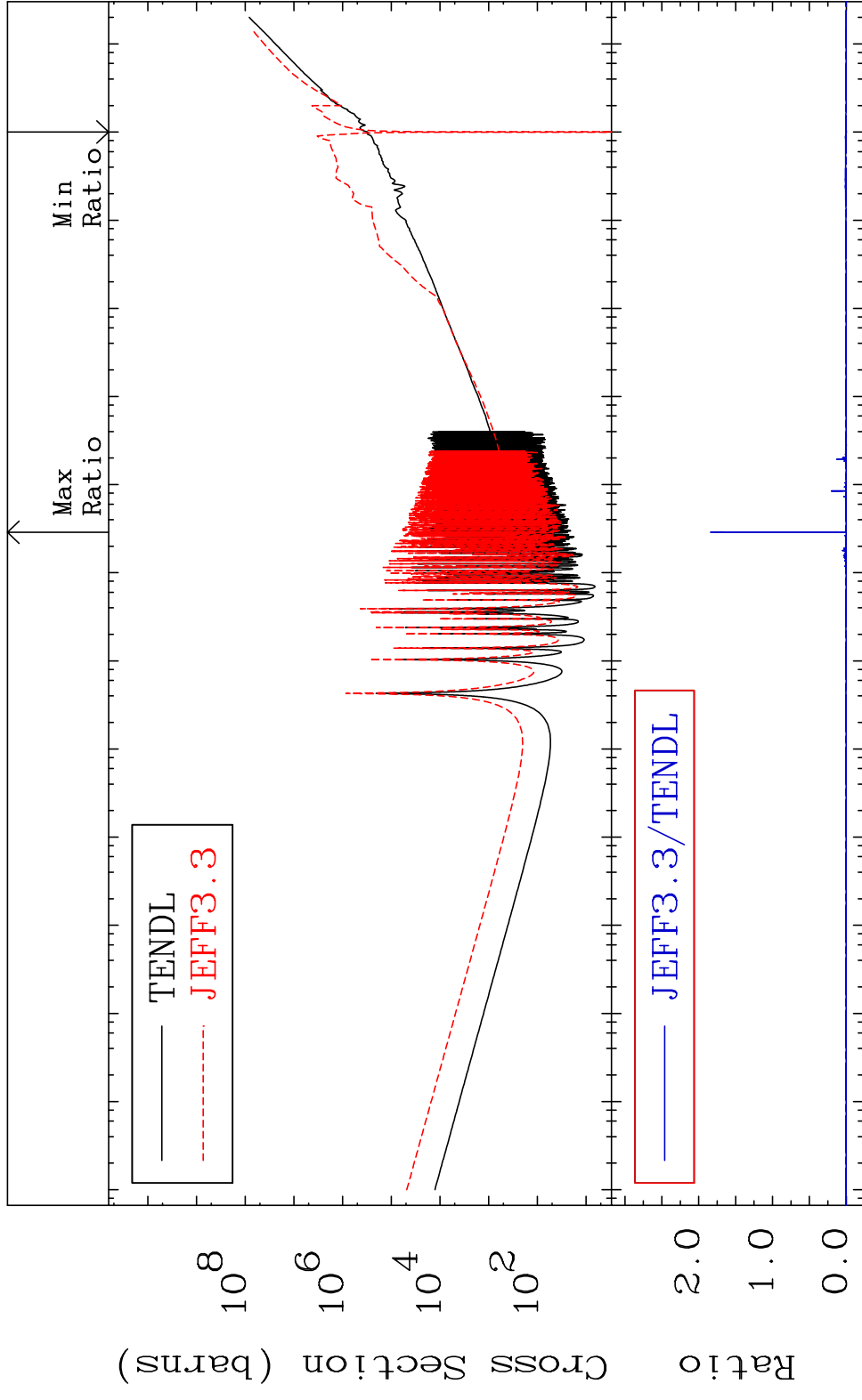


41

Incident Energy (eV)

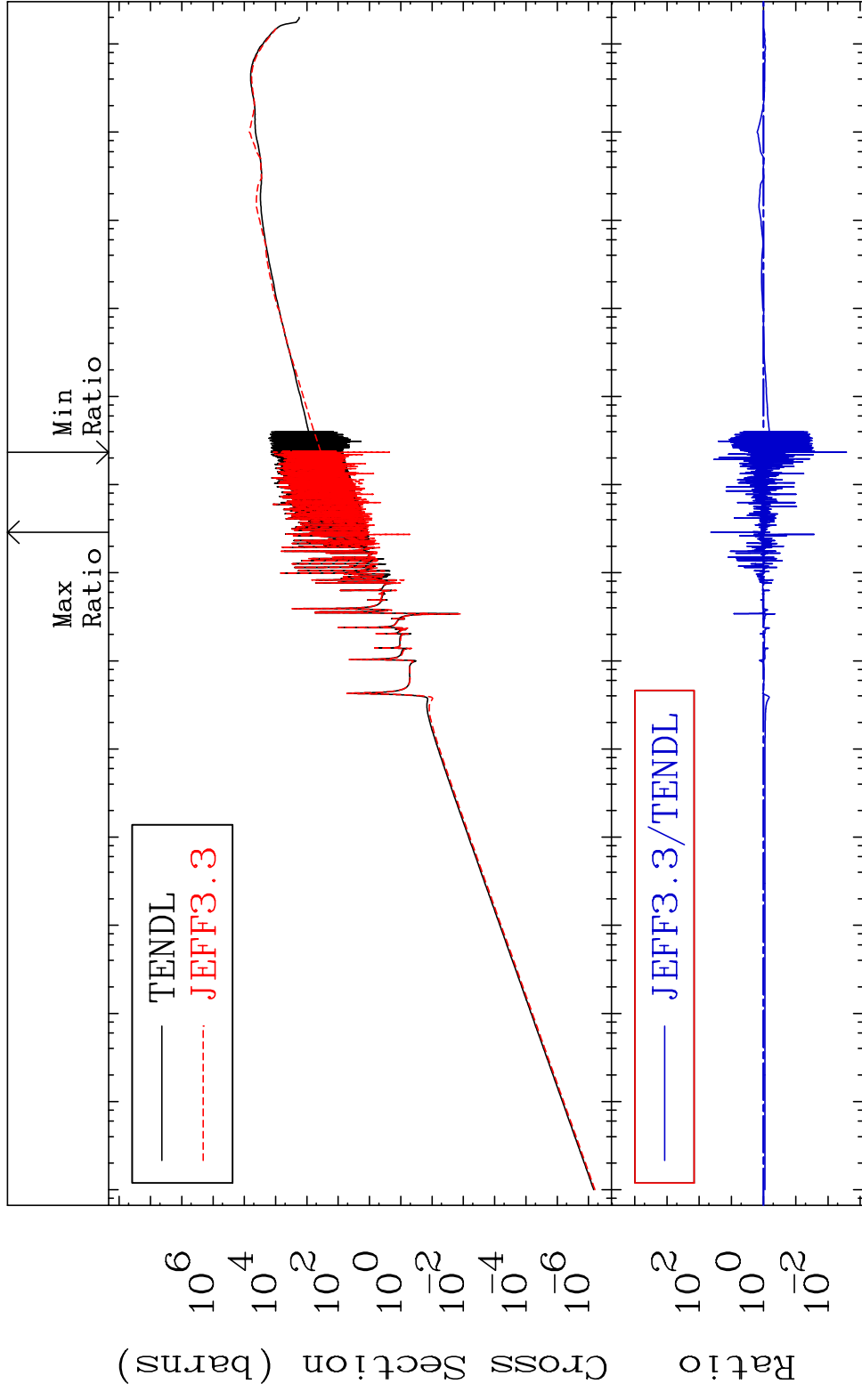
73-Ta-181

MAT 7328 Kerma total (eV-barns) 73-Ta-181
 Cross Section -128.0 To 9999. %

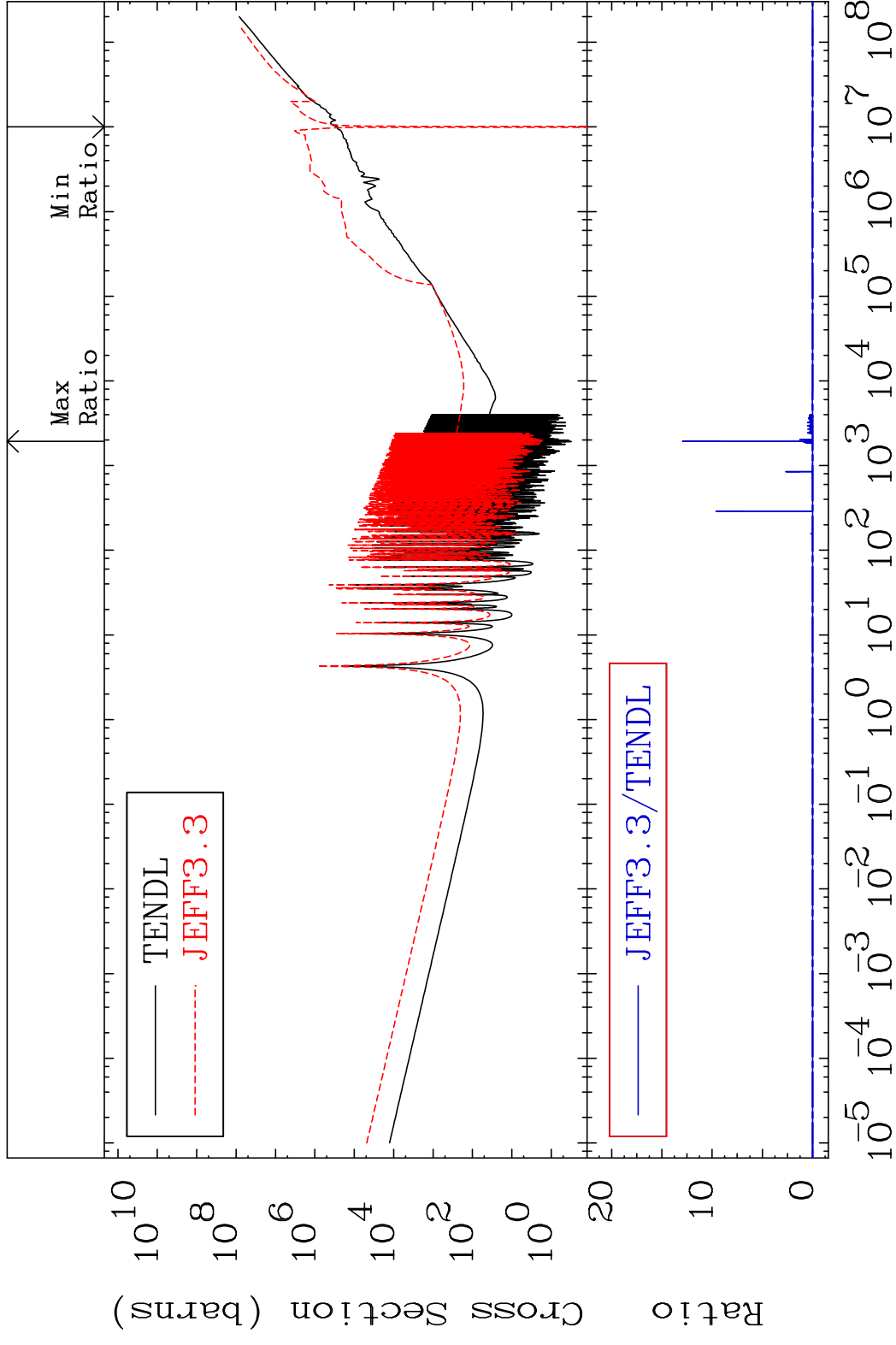


MAT 7328

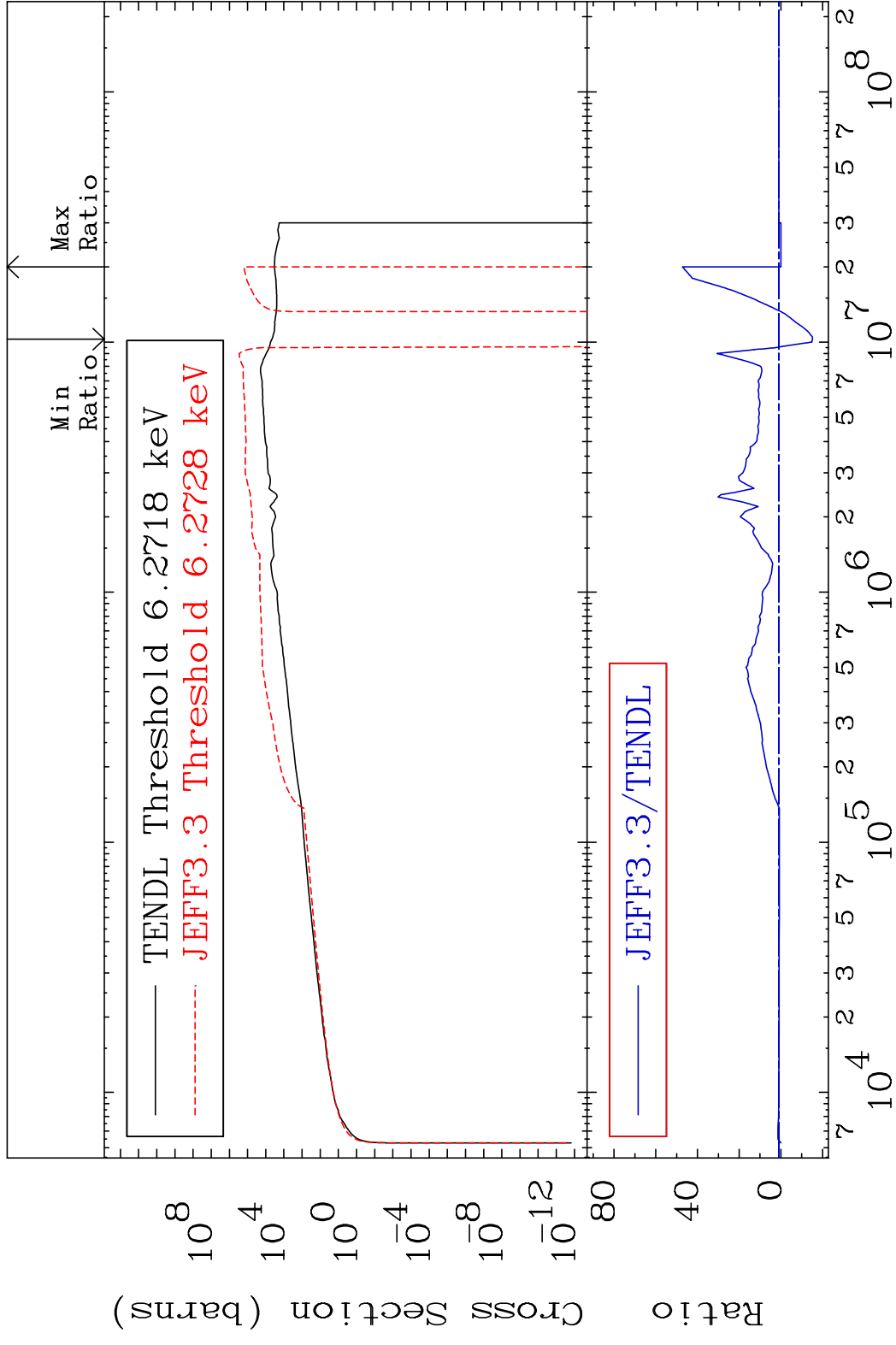
Kerma elastic Cross Section -99.73 To 4285. %
73-Ta-181



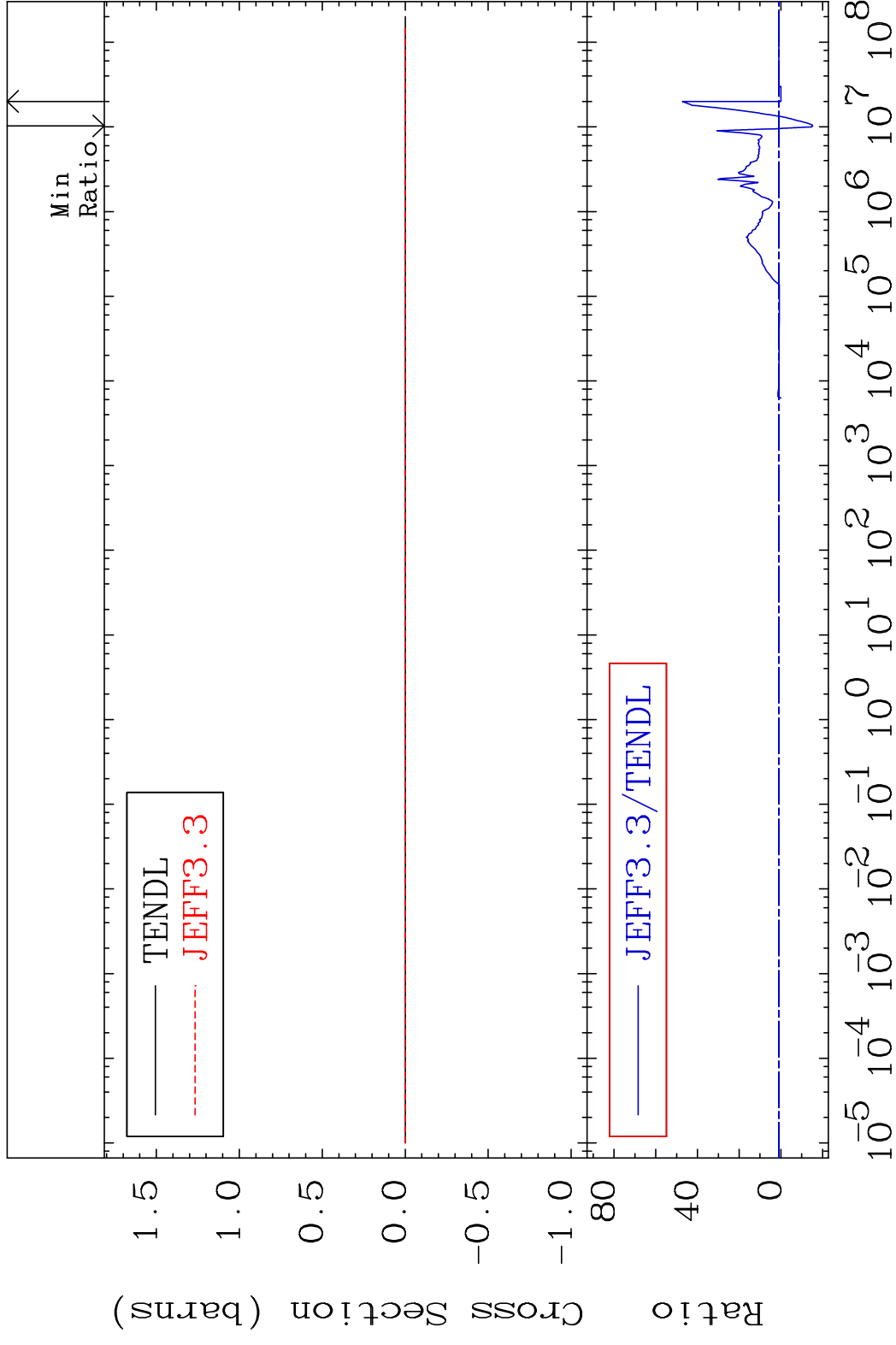
MAT 7328 Kerma non-elastic (all but mt2) 73-Ta-181
 Cross Section -159.5 To 9999. %



MAT 7328 Kerma inelastic (mt51-91) 73-Ta-181
 Cross Section -1620. To 4624. %



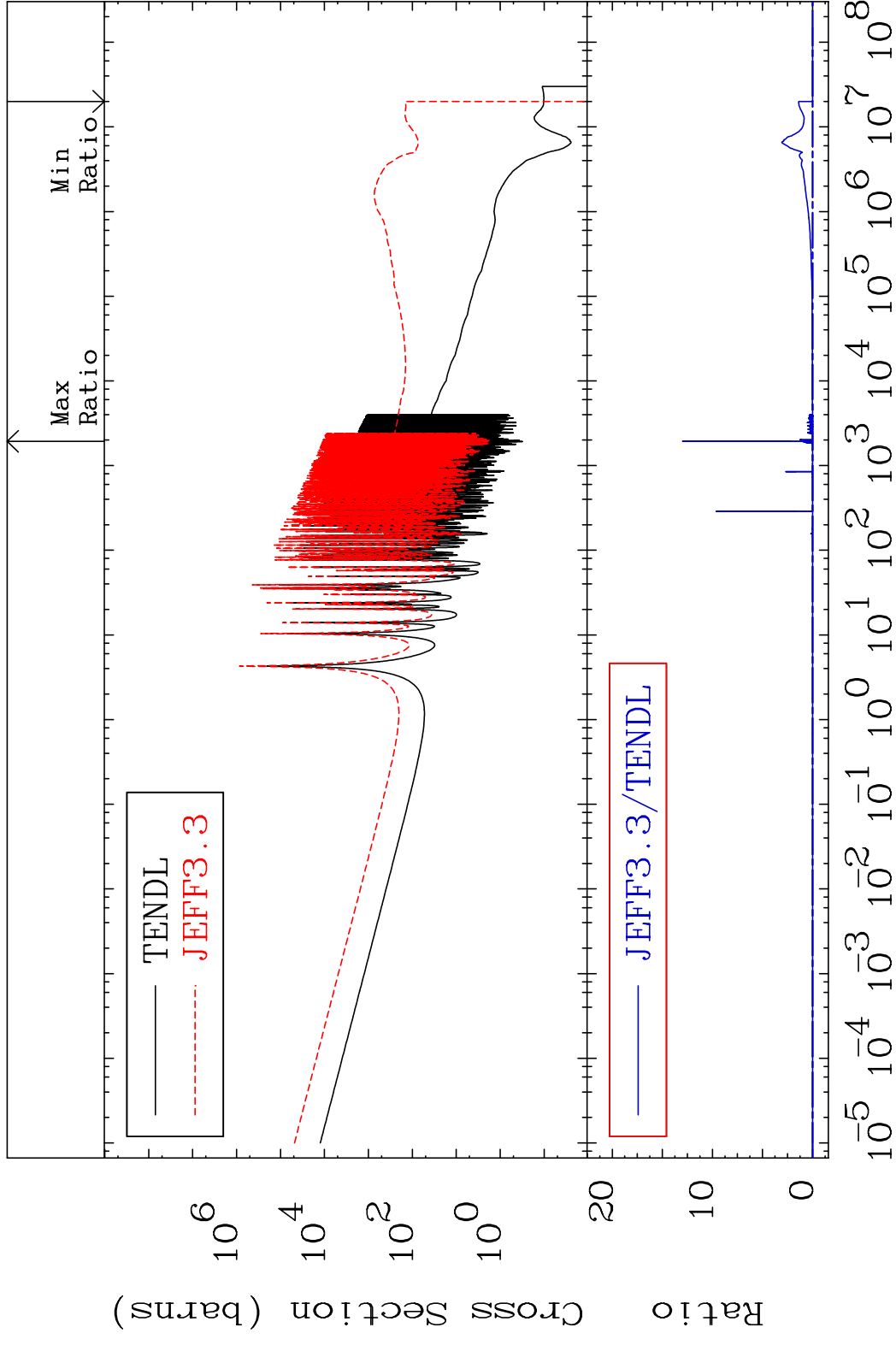
MAT 7328 Kerma fission (mt18 or mt19-20-21-38)73-Ta-181
 Cross Section -1620. To 4624. %



MAT 7328

Kerma capture (mt102) 73-Ta-181

Cross Section -100.0 To 9999. %



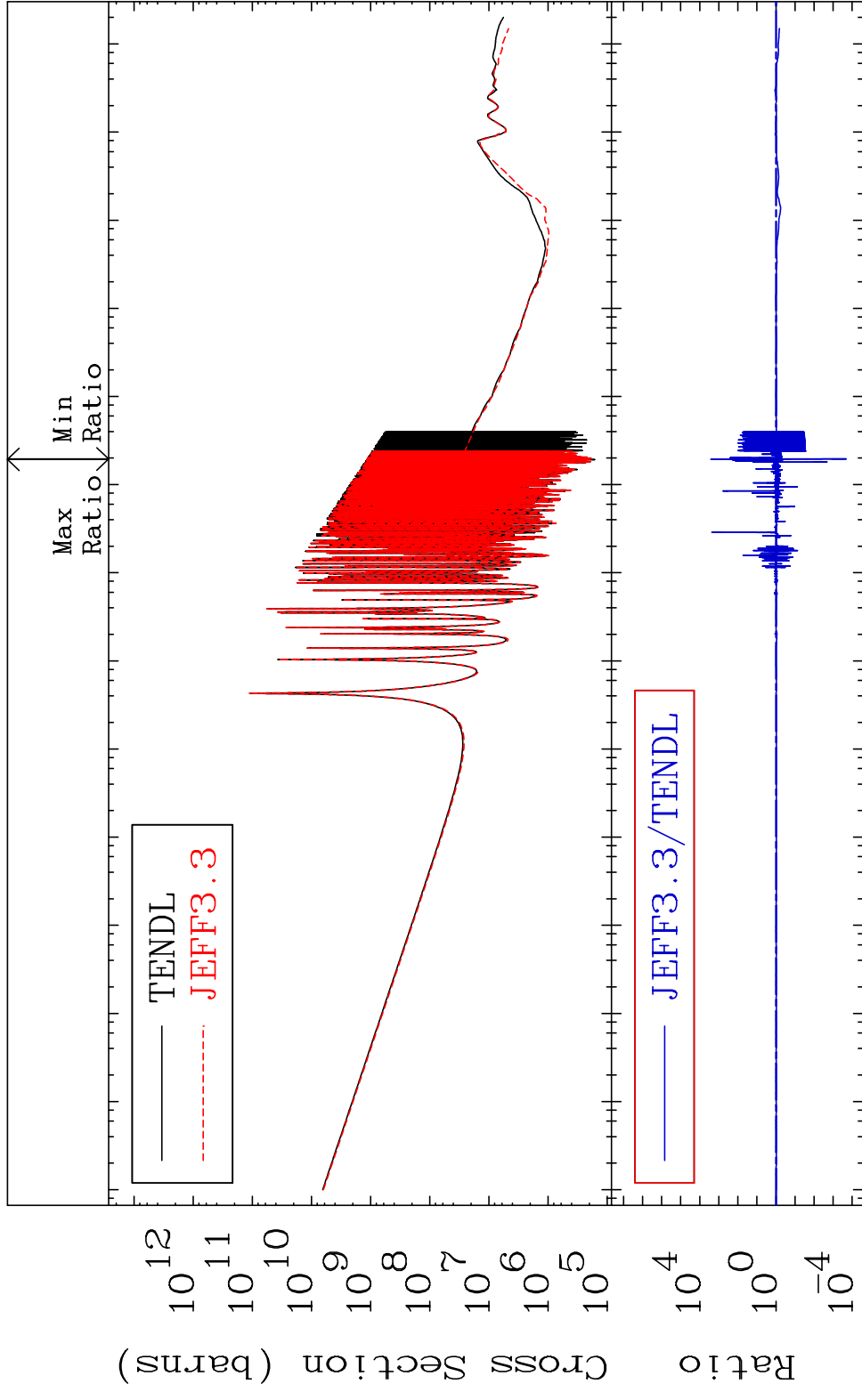
47

Incident Energy (eV)

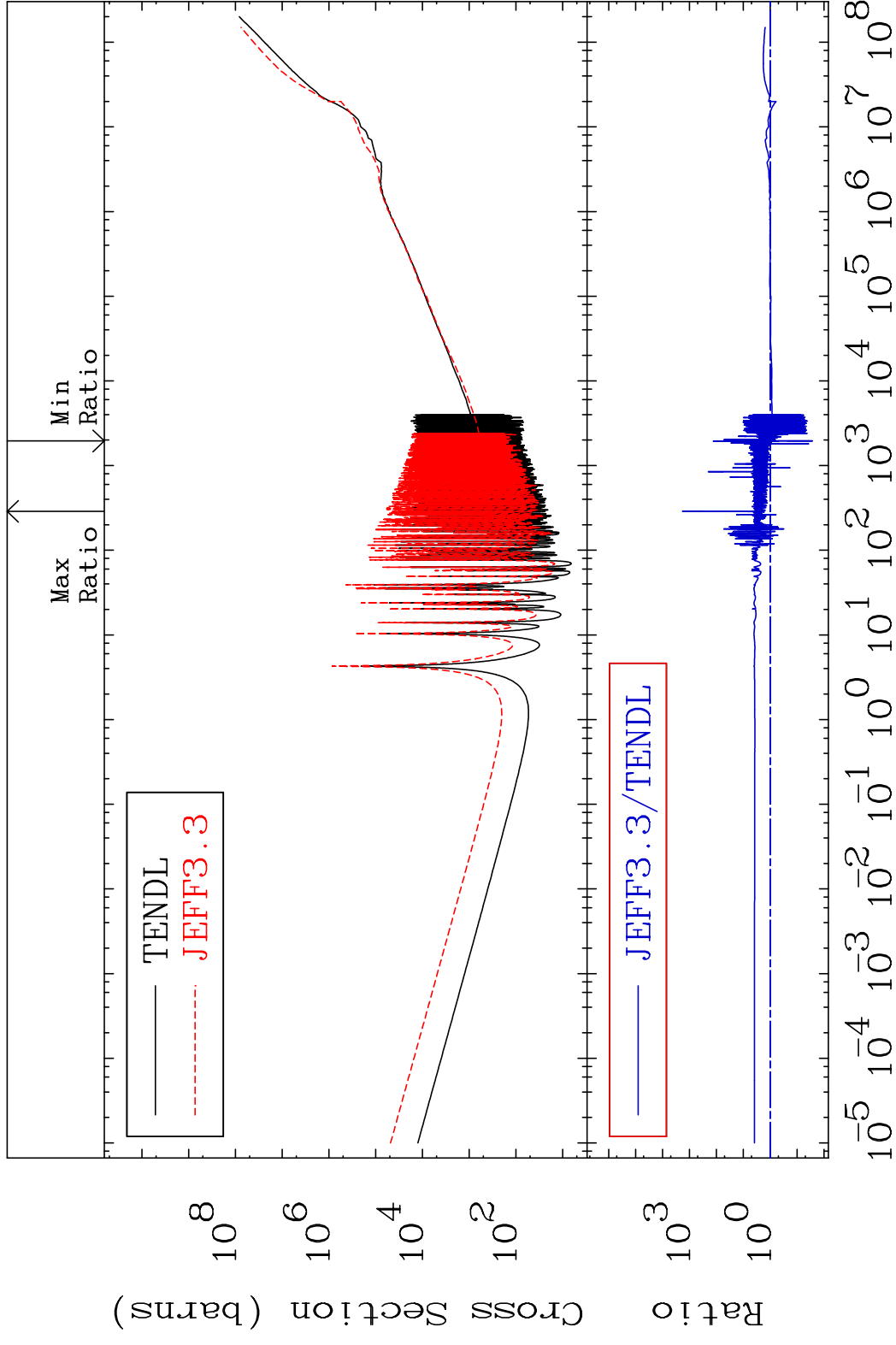
73-Ta-181

MAT 7328

Total photon (eV-barns) 73-Ta-181
Cross Section -99.98 To 9999. %



MAT 7328 Total kinematic kerma (high limit) 73-Ta-181
 Cross Section -97.32 To 9999. %

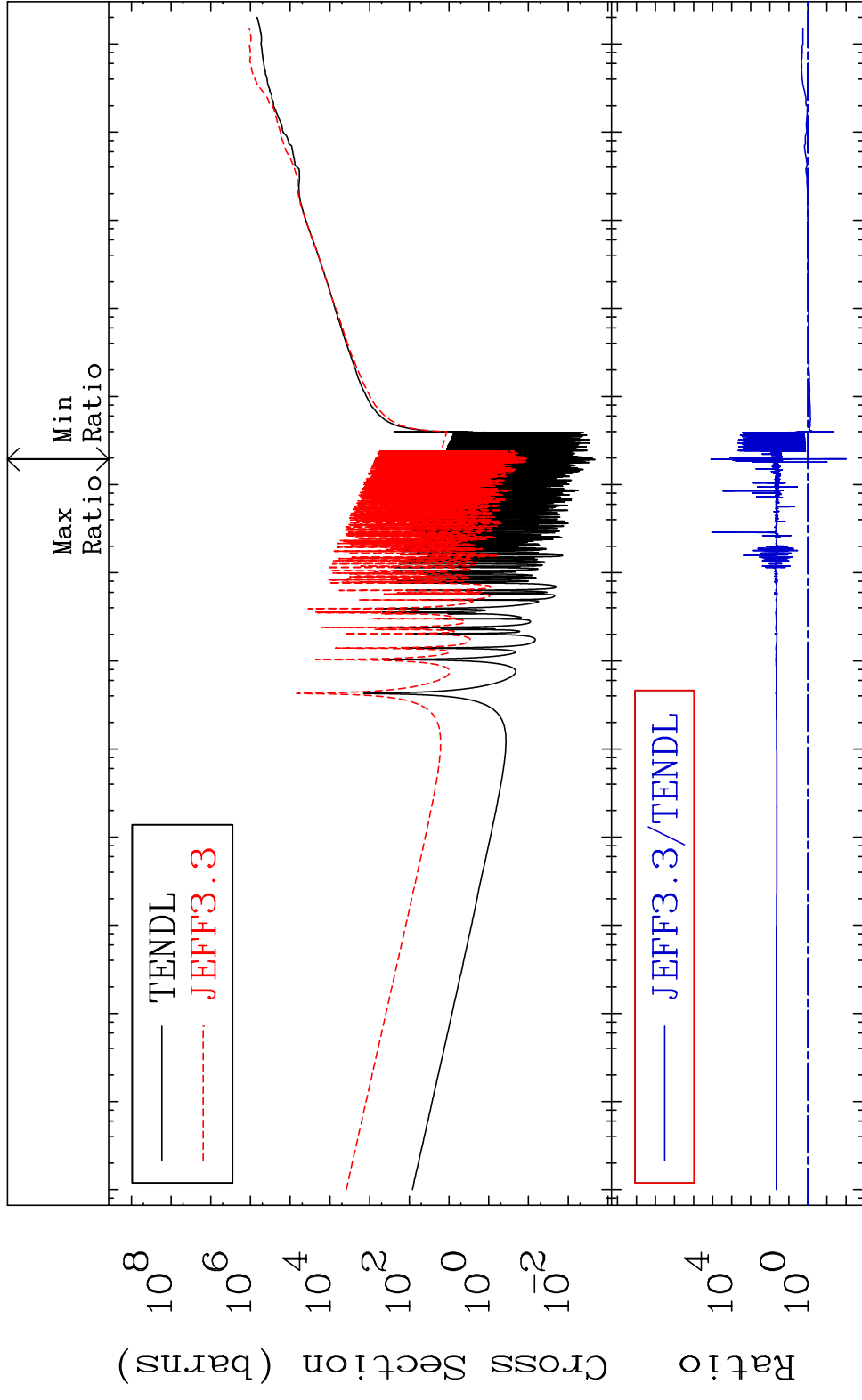


MAT 7328

Dpa total (eV-barns)

73-Ta-181

Cross Section -99.03 To 9999. %

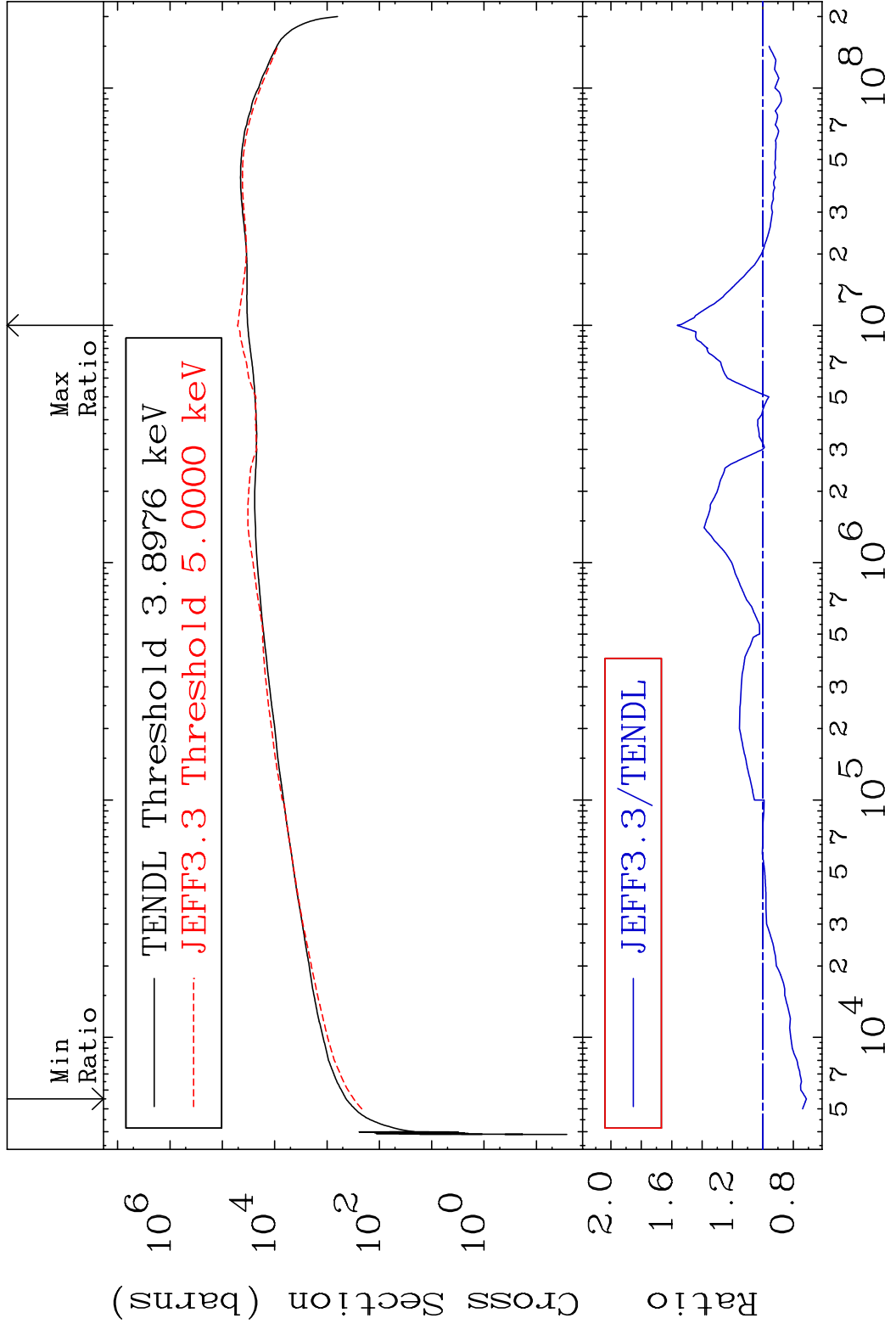


50

Incident Energy (eV)

73-Ta-181

MAT 7328 Dpa elastic (mt2) 73-Ta-181
 Cross Section -28.68 To 56.39 %

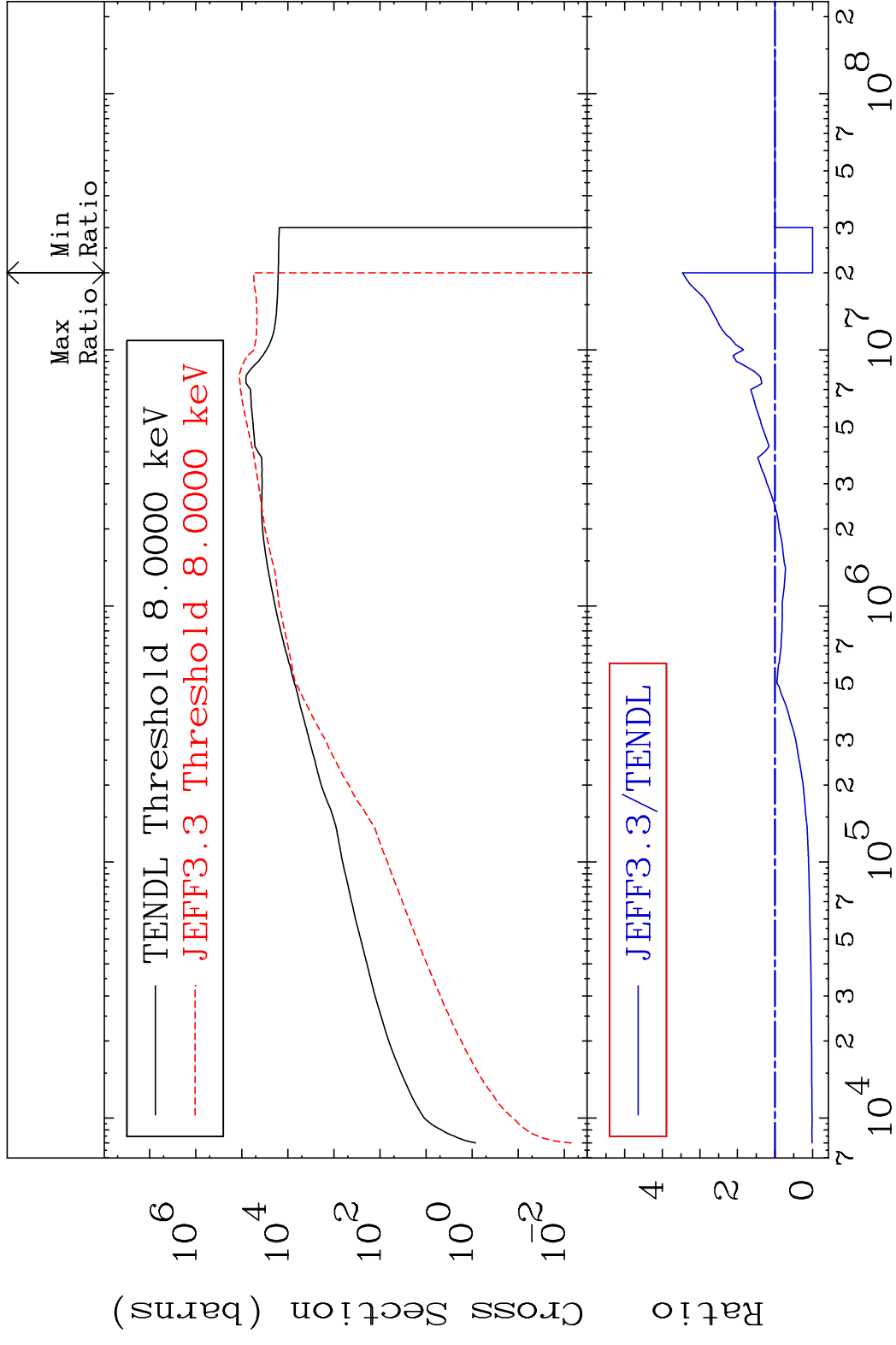


MAT 7328

Dpa inelastic (mt51-91)

73-Ta-181

Cross Section -100.0 To 246.6 %



52

Incident Energy (eV)

73-Ta-181

MAT 7328 Dpa disappearance (mt102 -120) 73-Ta-181
 Cross Section -100.0 To 9999. %

