

Program Complot
(Version 2021-1)

by

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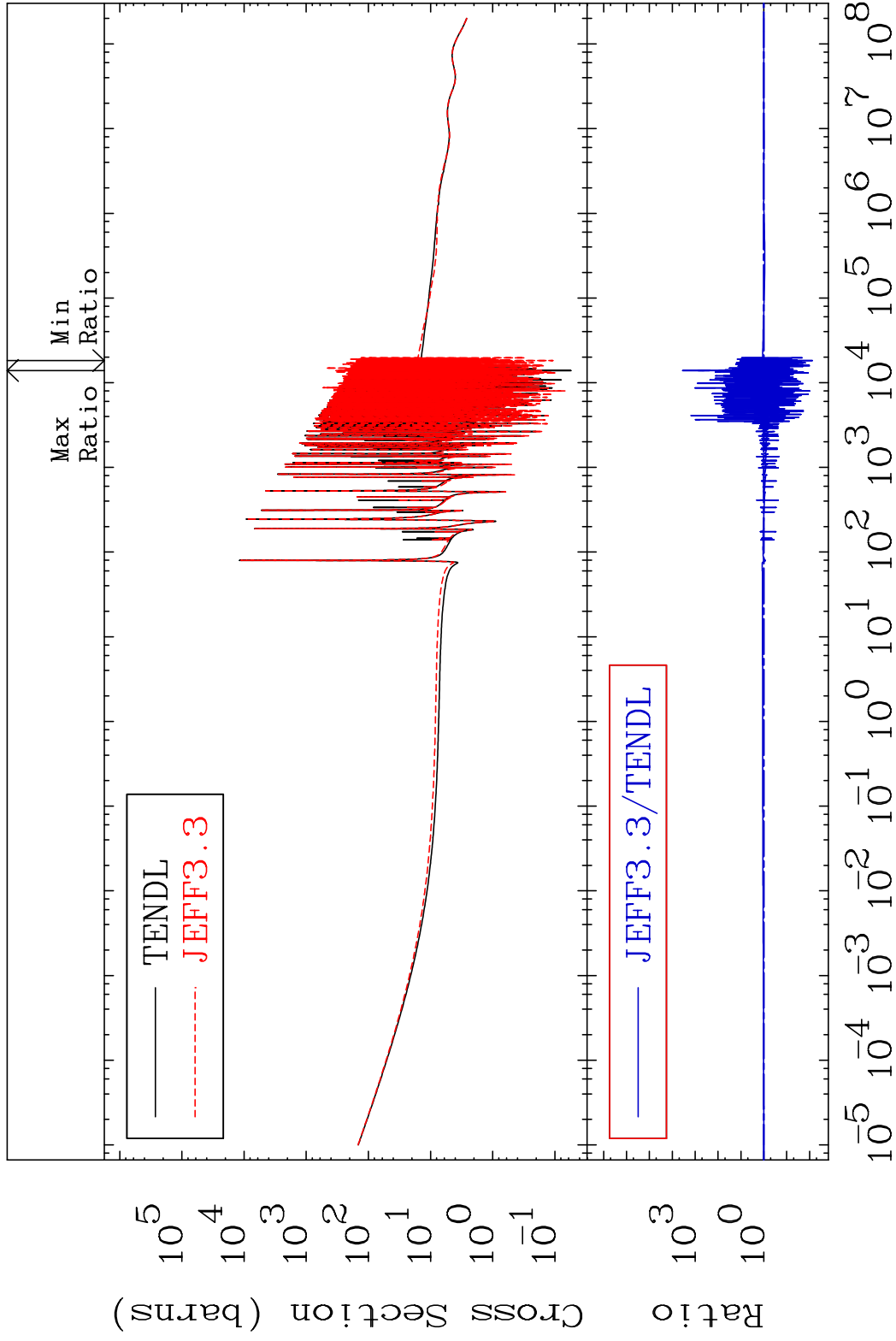
Press Mouse Button to Start

MAT 6843

Total

68-Er-168

Cross Section -99.26 To 9999. %

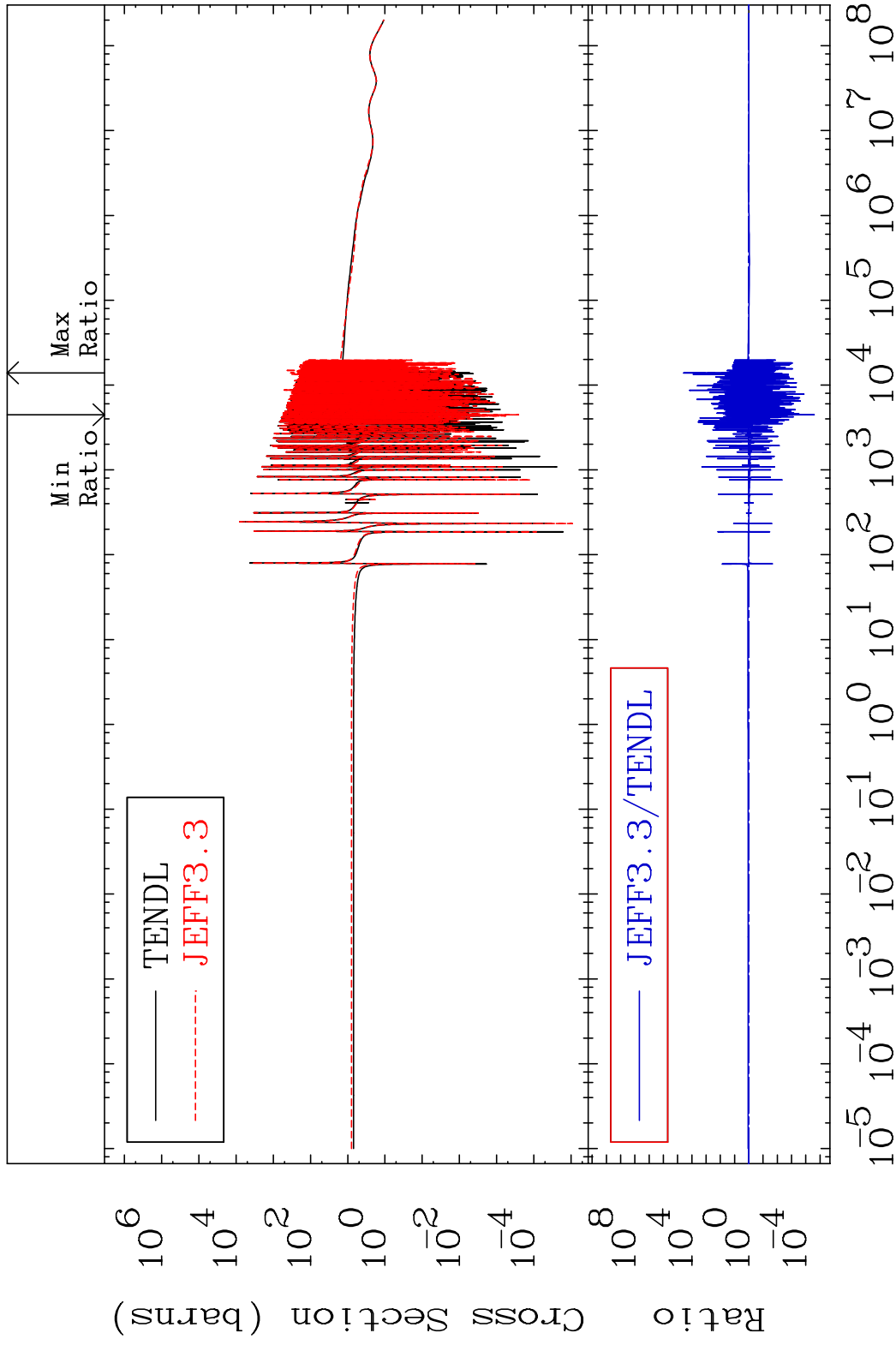


MAT 6843

Elastic

68-Er-168

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

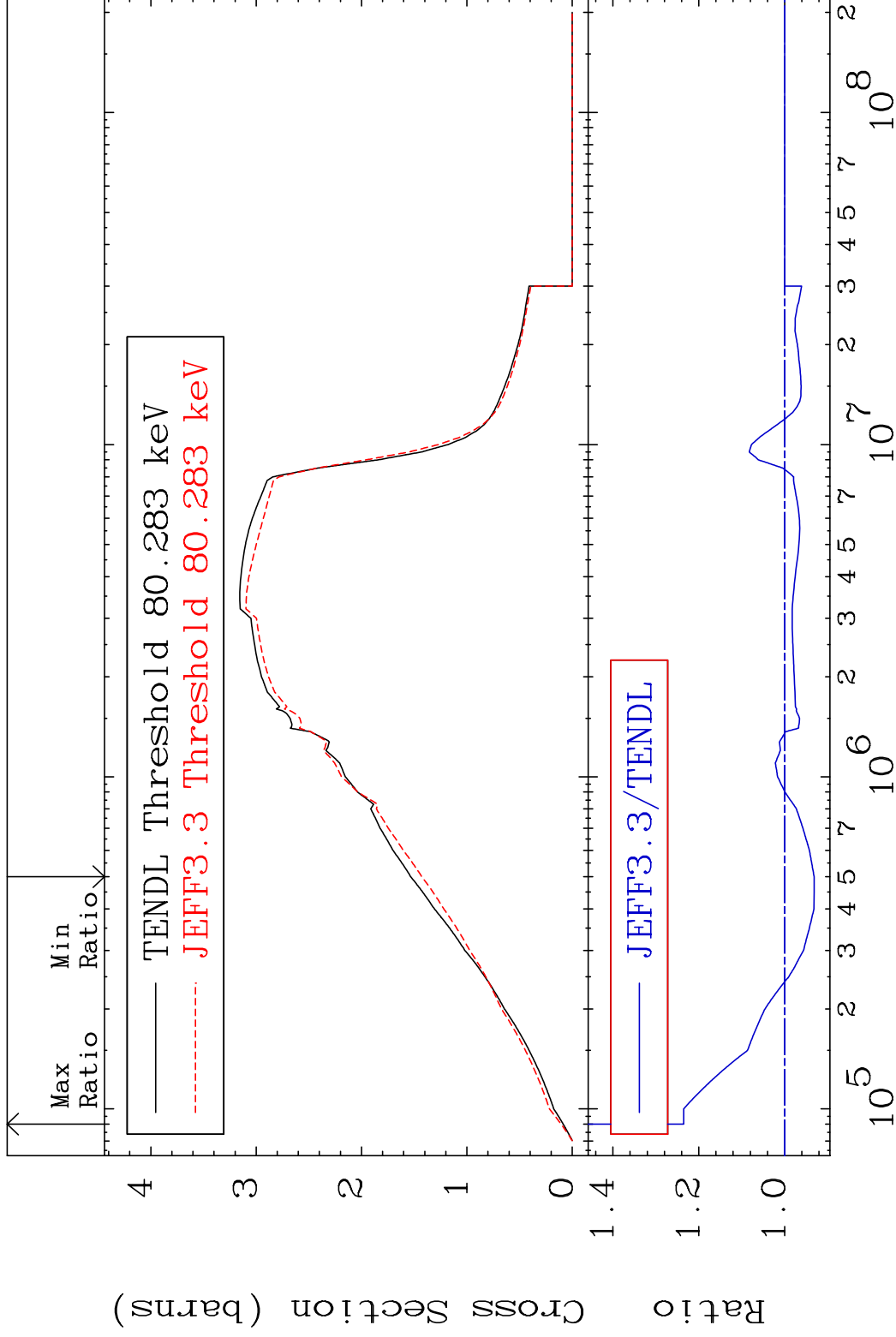
68-Er-168

MAT 6843

Inelastic

68-Er-168

Cross Section -6.857 To 23.52 %



3

Incident Energy (eV)

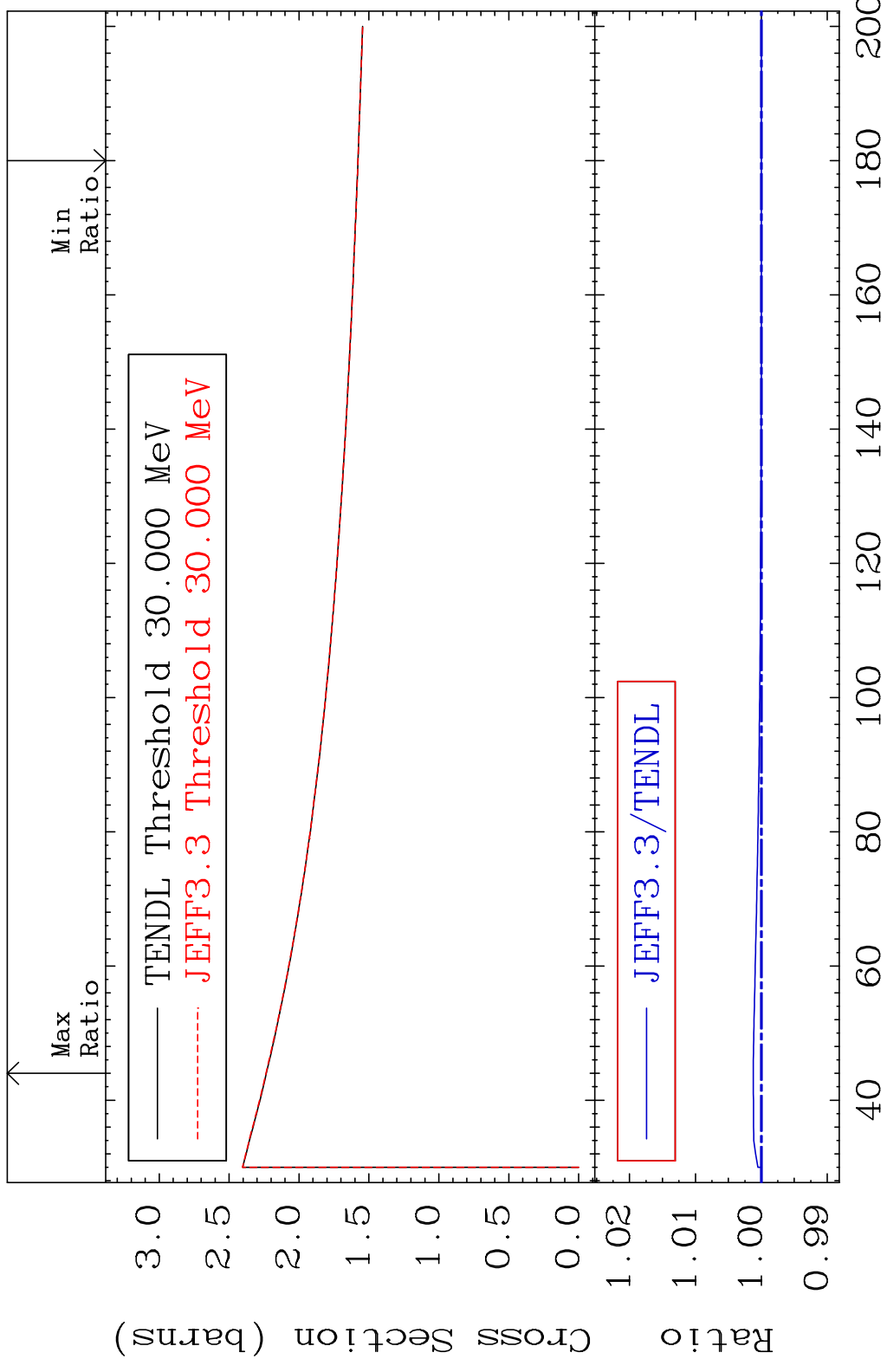
68-Er-168

MAT 6843

(n, remainder)

68-Er-168

Cross Section 0.000 To 0.124 %

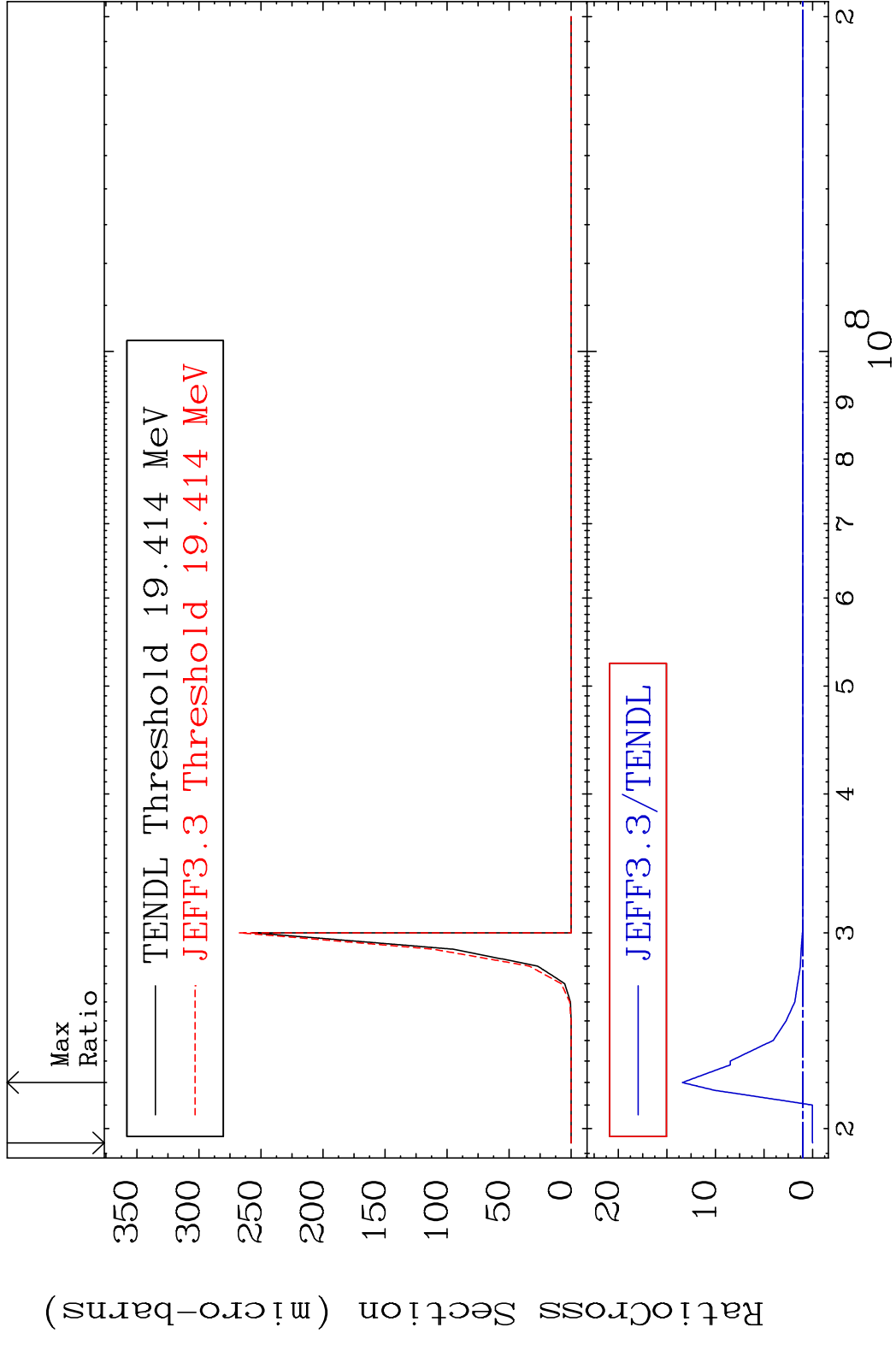


MAT 6843

(n,2n) d

68-Er-168

Cross Section -100.0 To 1241. %



5

Incident Energy (eV)

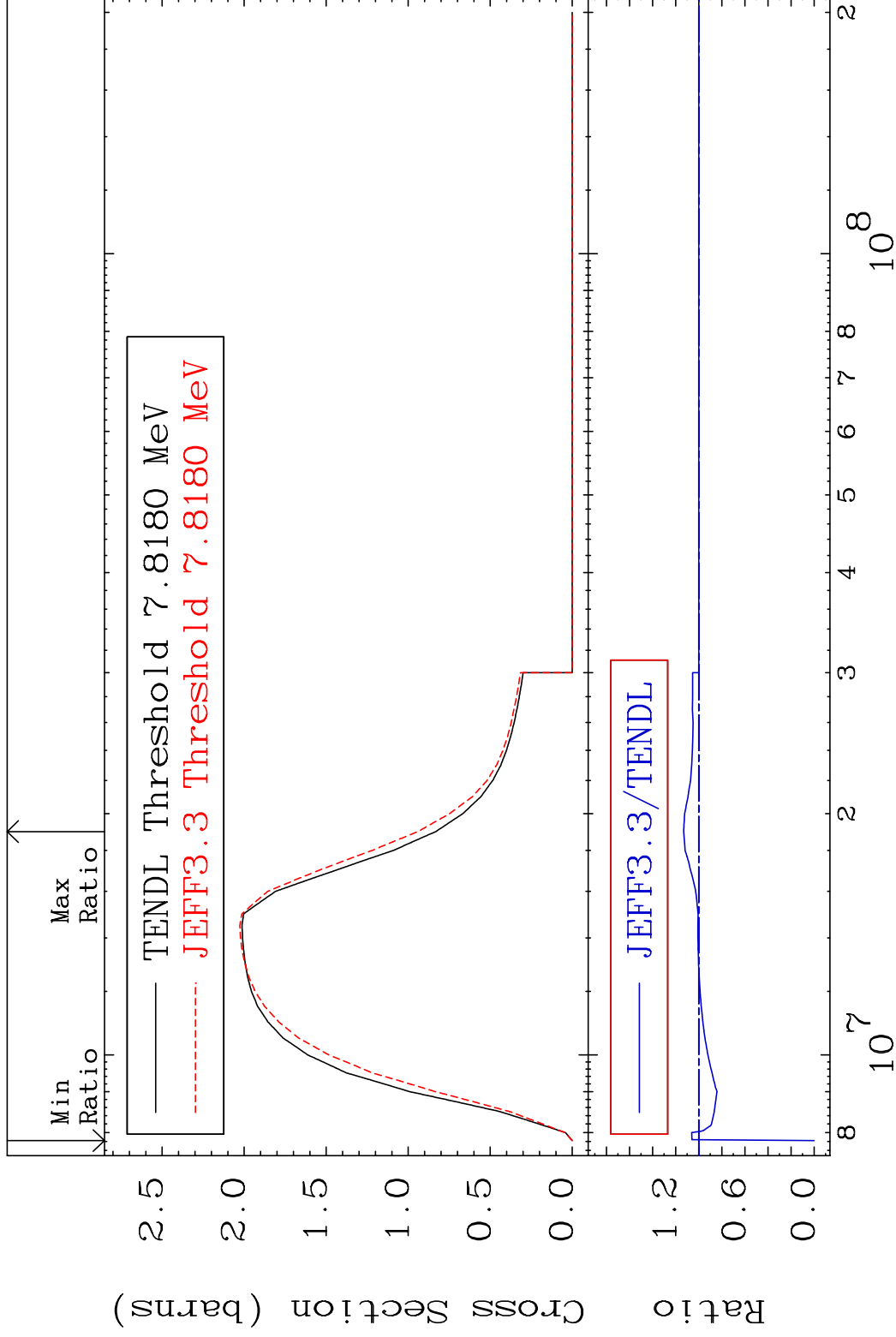
68-Er-168

MAT 6843

(n,2n)

68-Er-168

Cross Section -100.0 To 13.04 %



6

Incident Energy (eV)

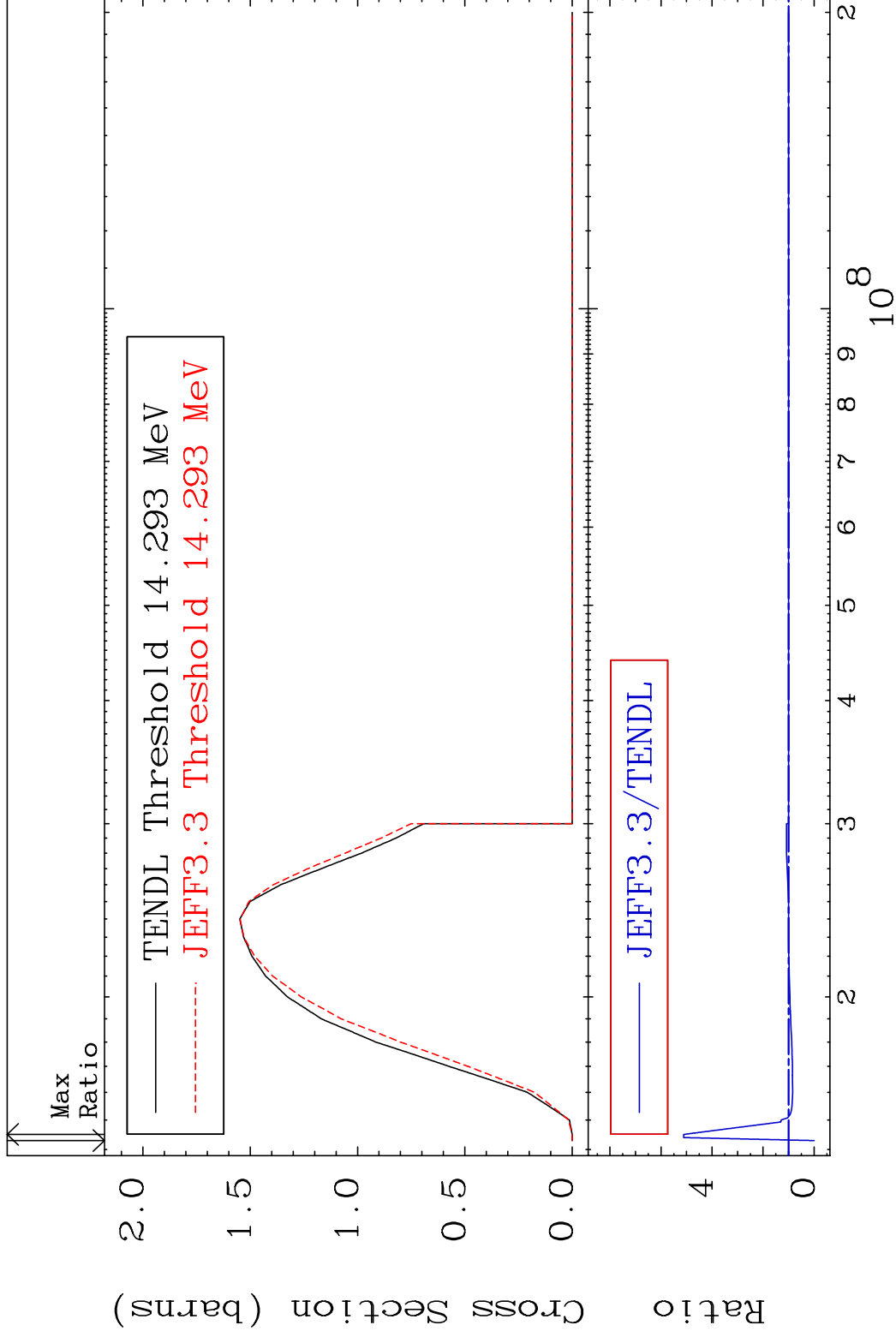
68-Er-168

MAT 6843

(n,3n)

68-Er-168

Cross Section -100.0 To 411.2 %



7

Incident Energy (eV)

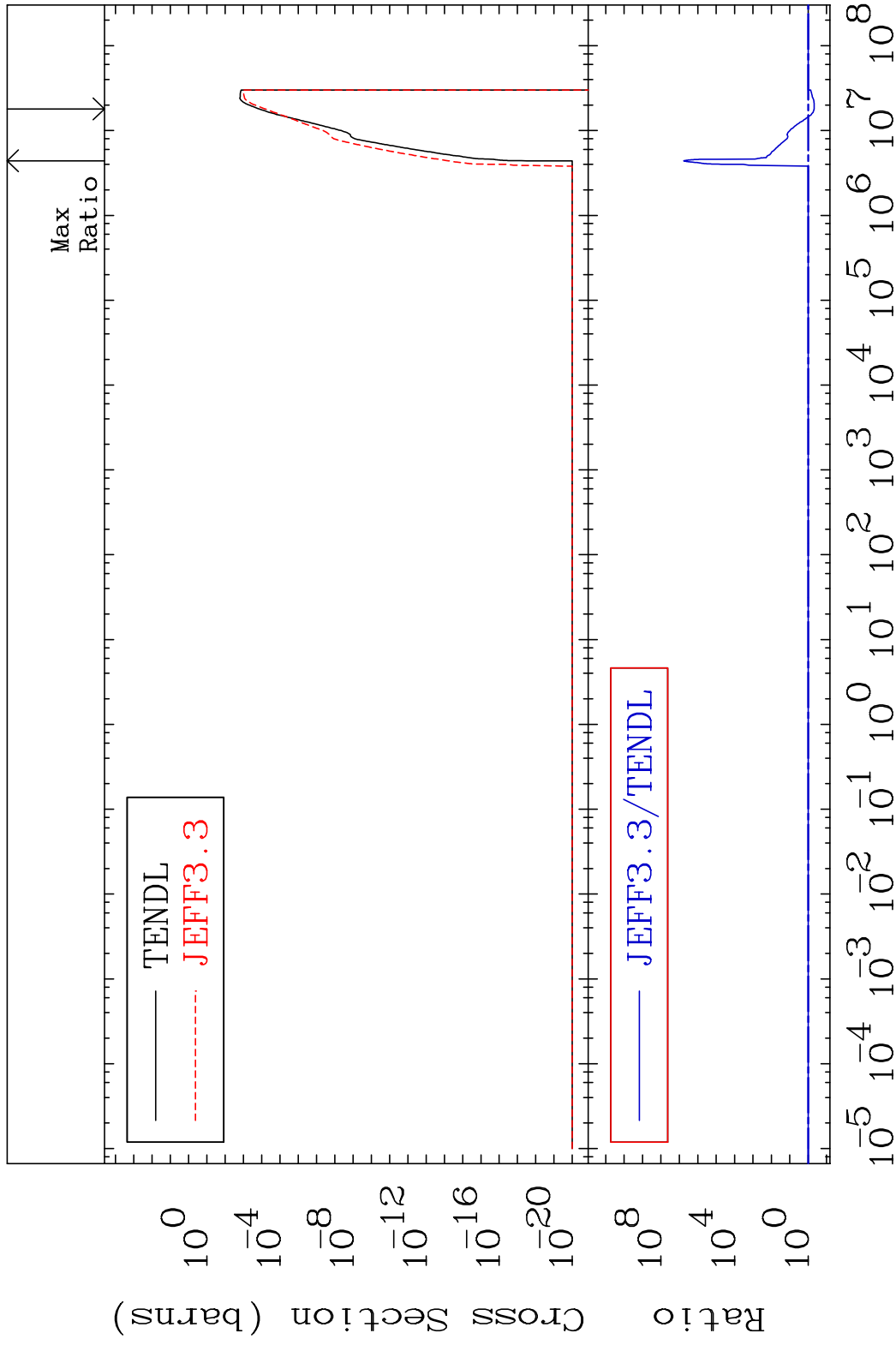
68-Er-168

MAT 6843

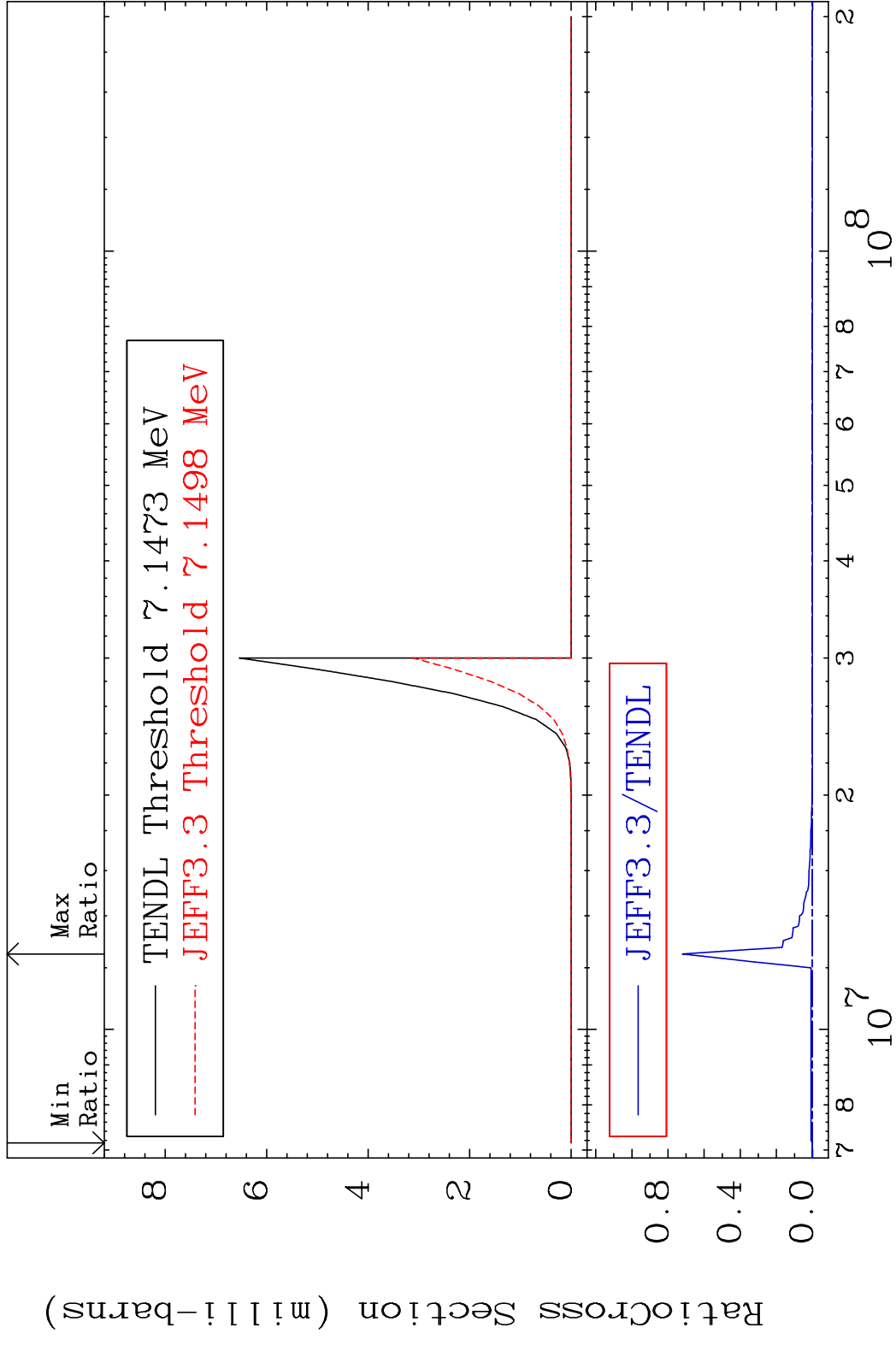
(n, n') α

68-Er-168

Cross Section -52.53 To 9999. %



MAT 6843 (n,2n) α 68-Er-168
 Cross Section -100.0 To 9999. %

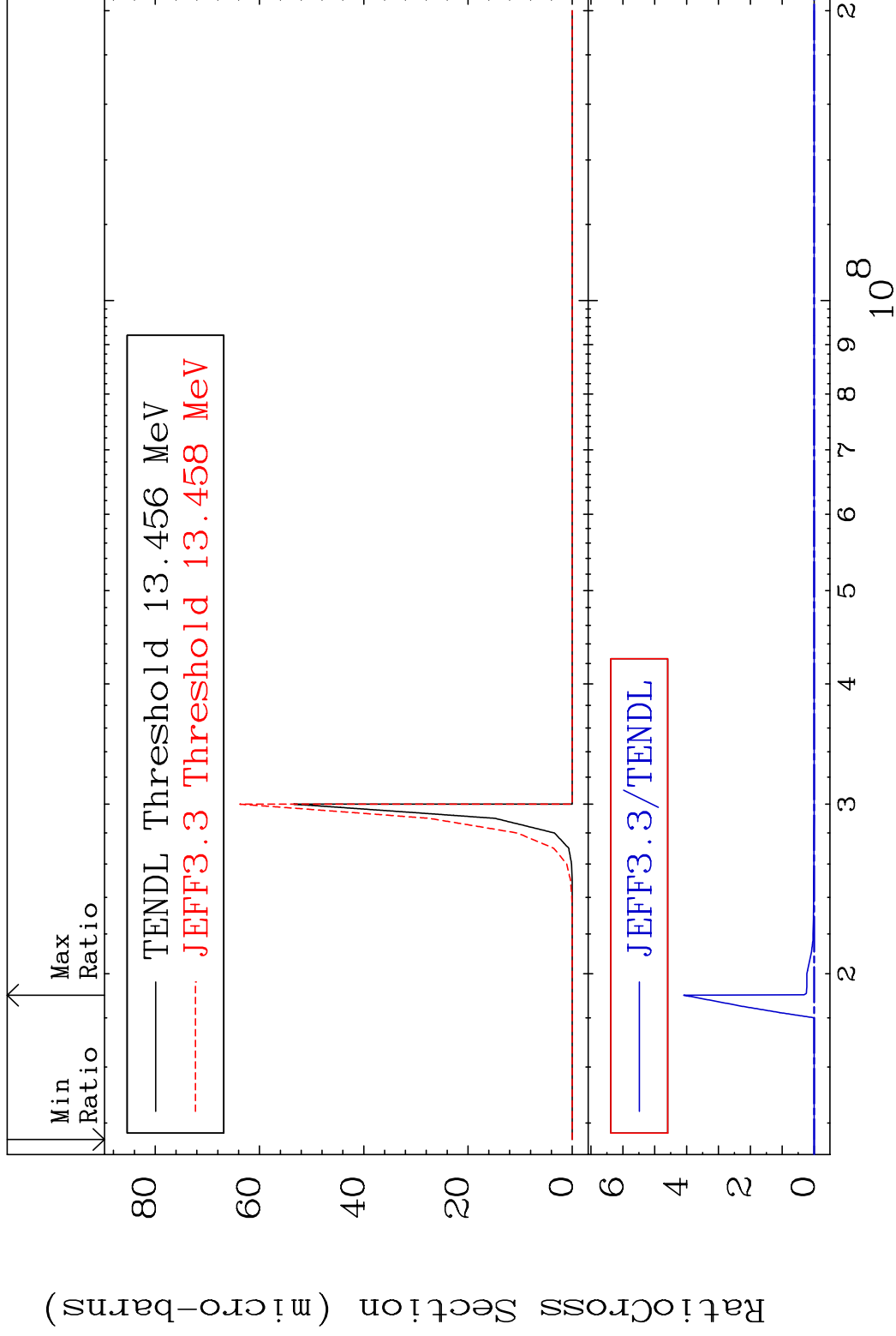


MAT 6843

(n,3n) α

68-Er-168

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

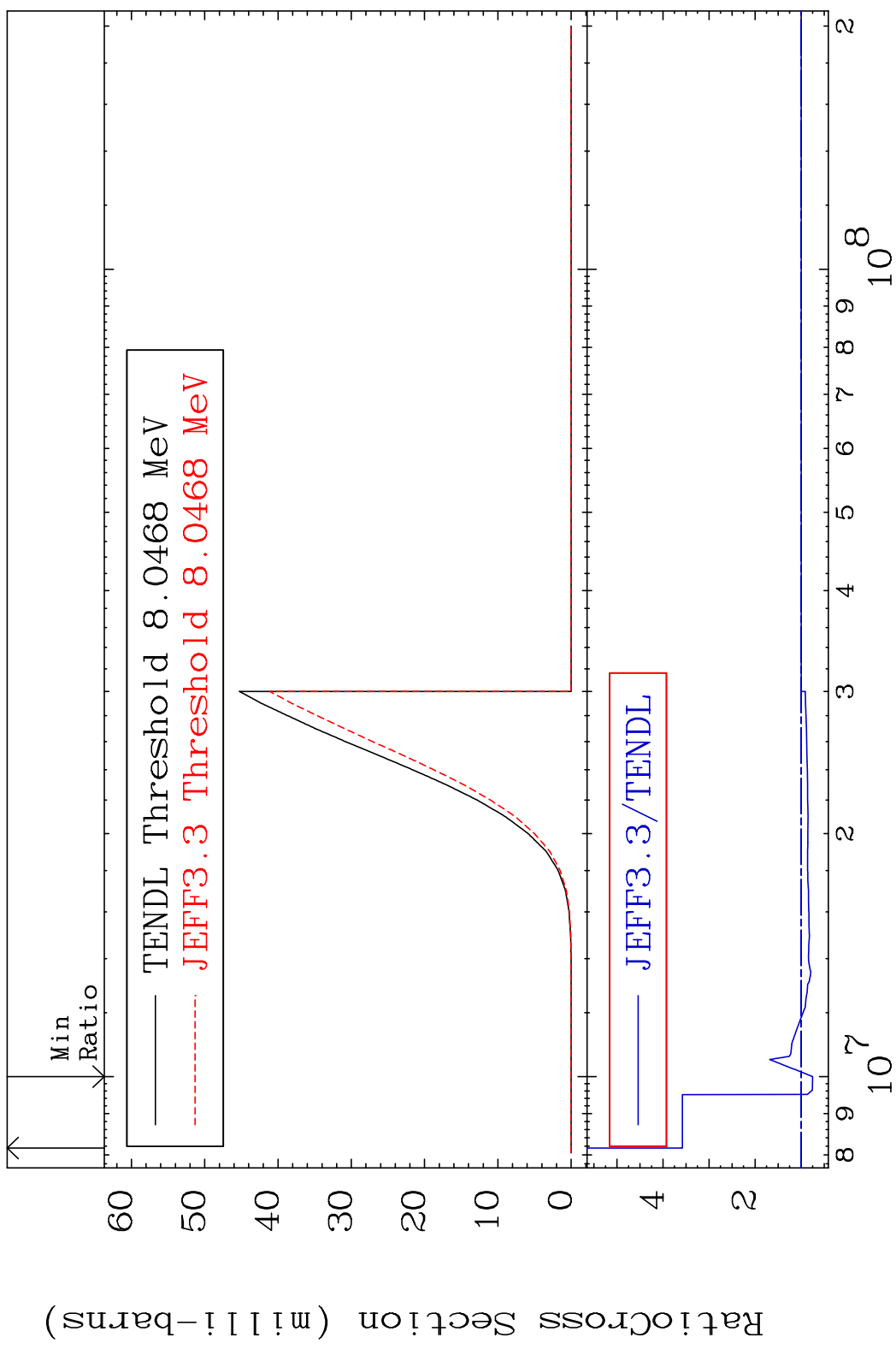
68-Er-168

MAT 6843

(n, n') p

68-Er-168

Cross Section -24.83 To 258.0 %

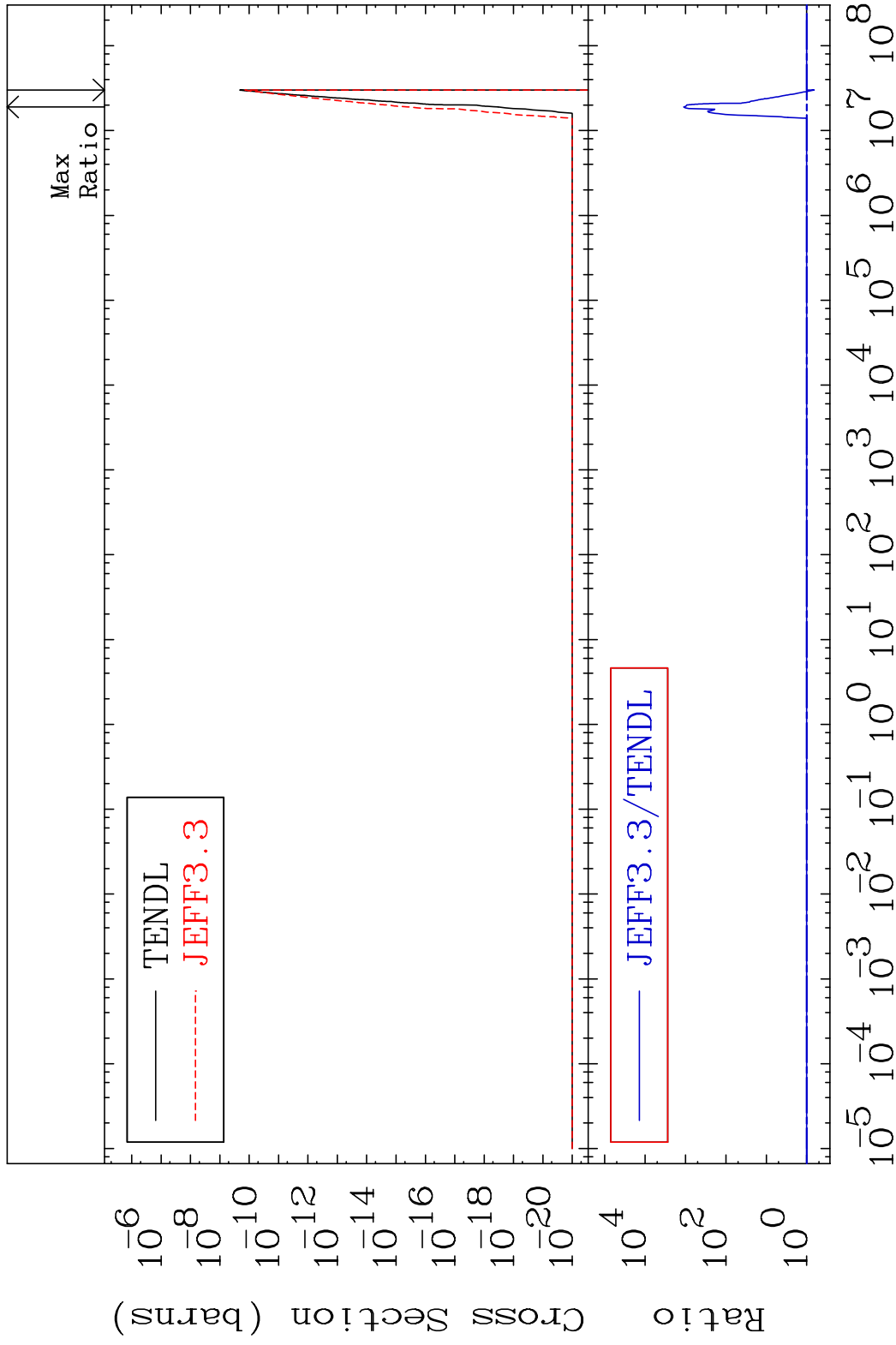


MAT 6843

(n, n') 2α

68-Er-168

Cross Section -34.31 To 9999. %



12

Incident Energy (eV)

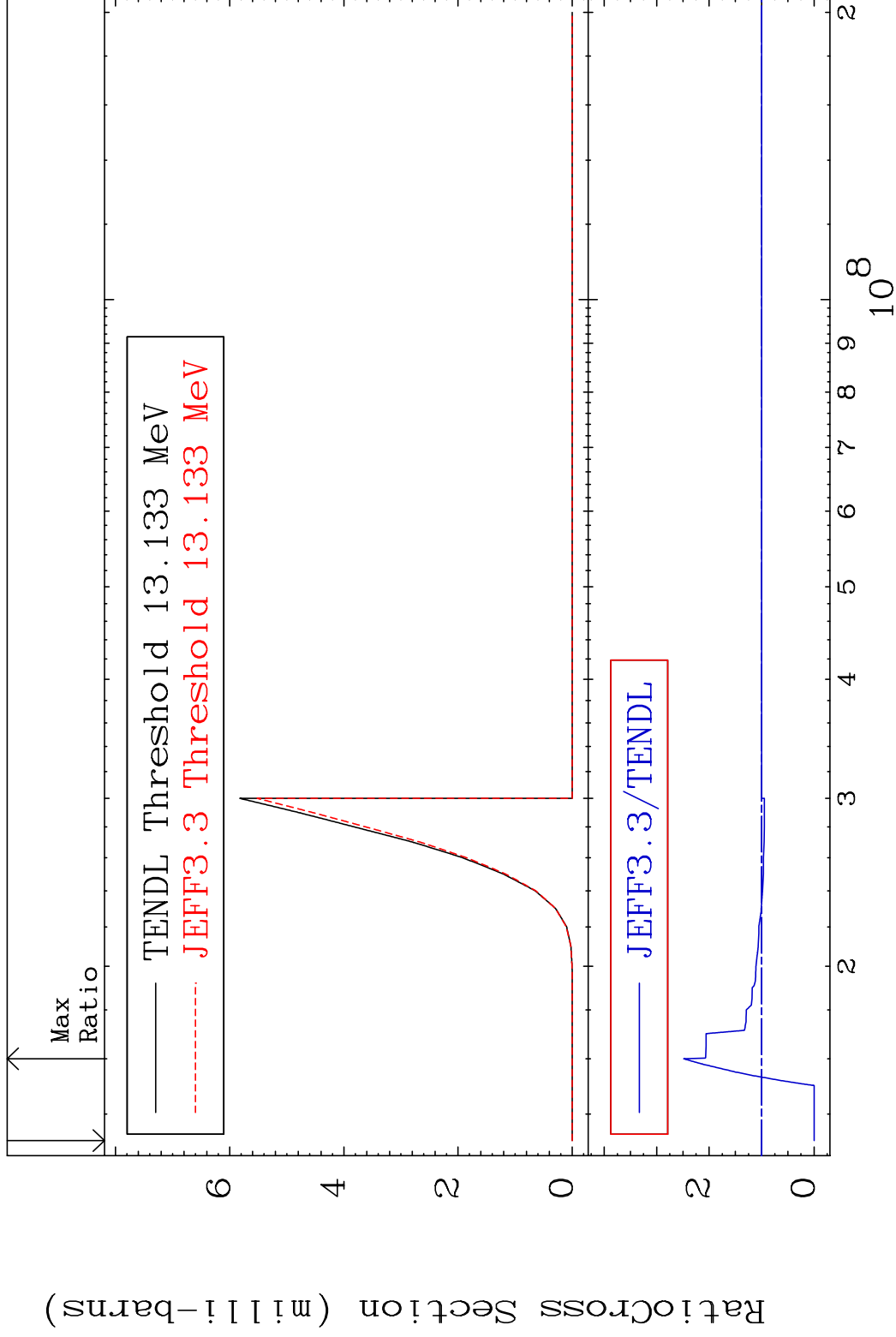
68-Er-168

MAT 6843

(n, n') d

68-Er-168

Cross Section -100.0 To 148.6 %



13

Incident Energy (eV)

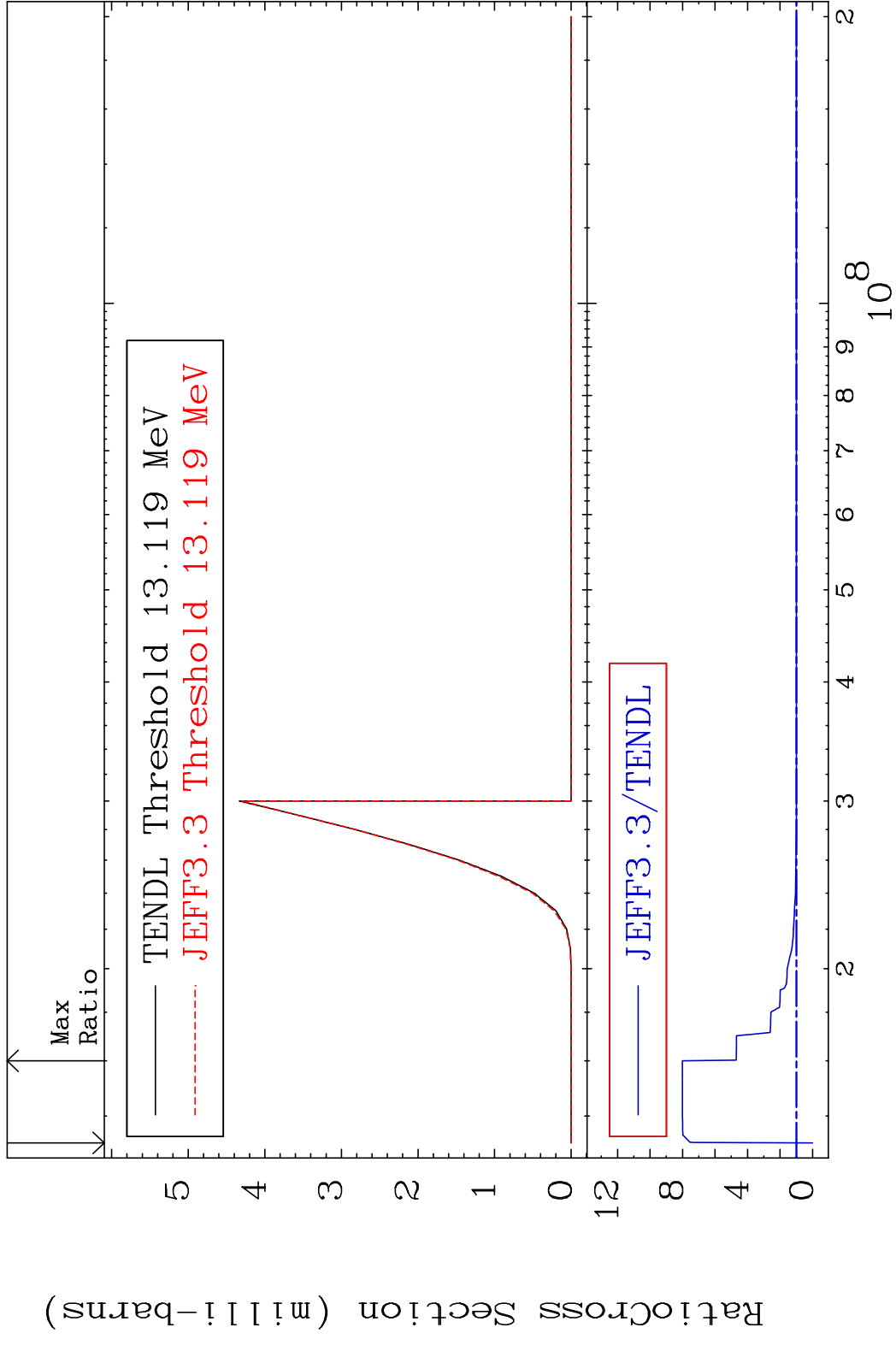
68-Er-168

MAT 6843

(n, n') t

68-Er-168

Cross Section -100.0 To 701.1 %

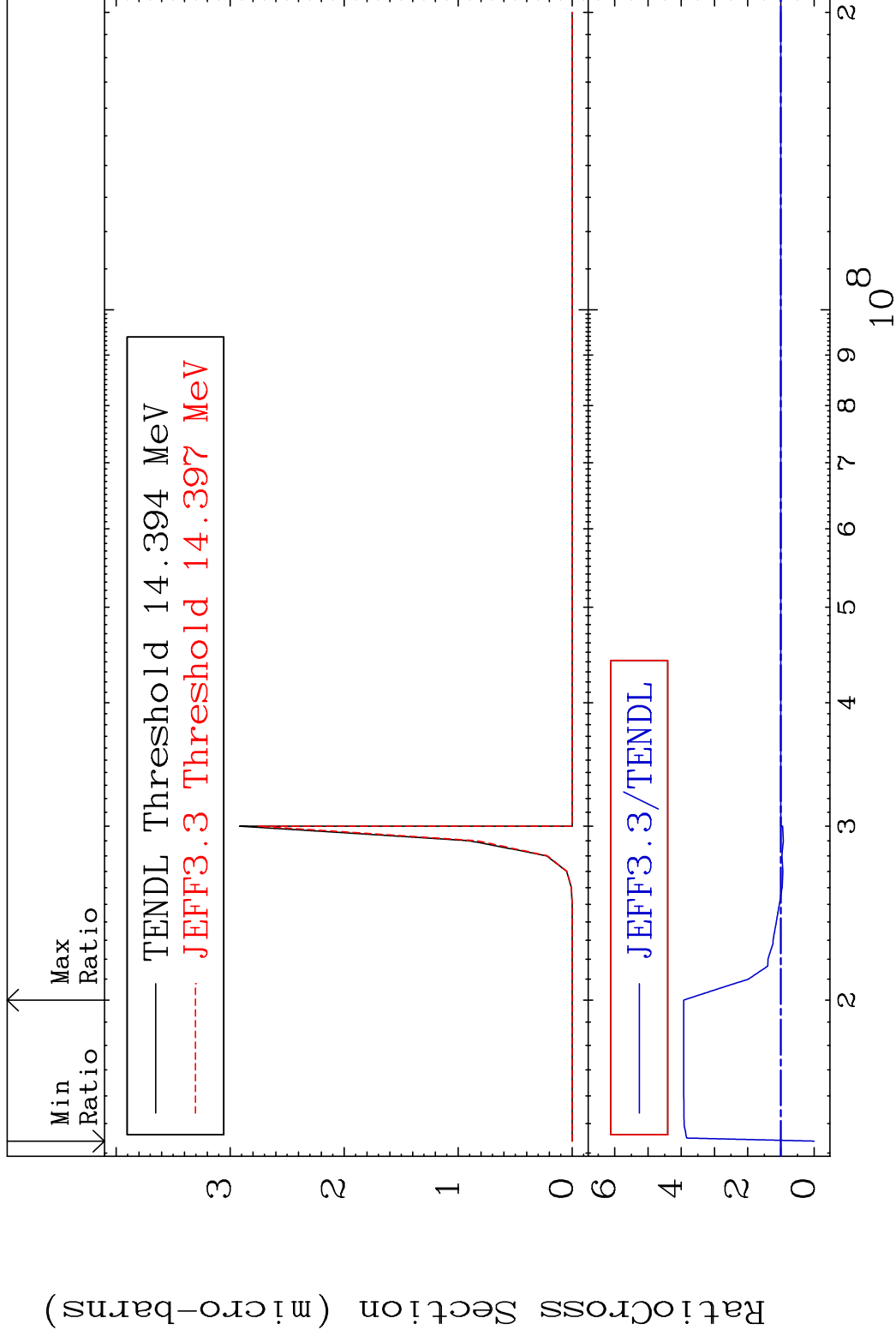


MAT 6843

(n,n') He-3

68-Er-168

Cross Section -100.0 To 292.7 %

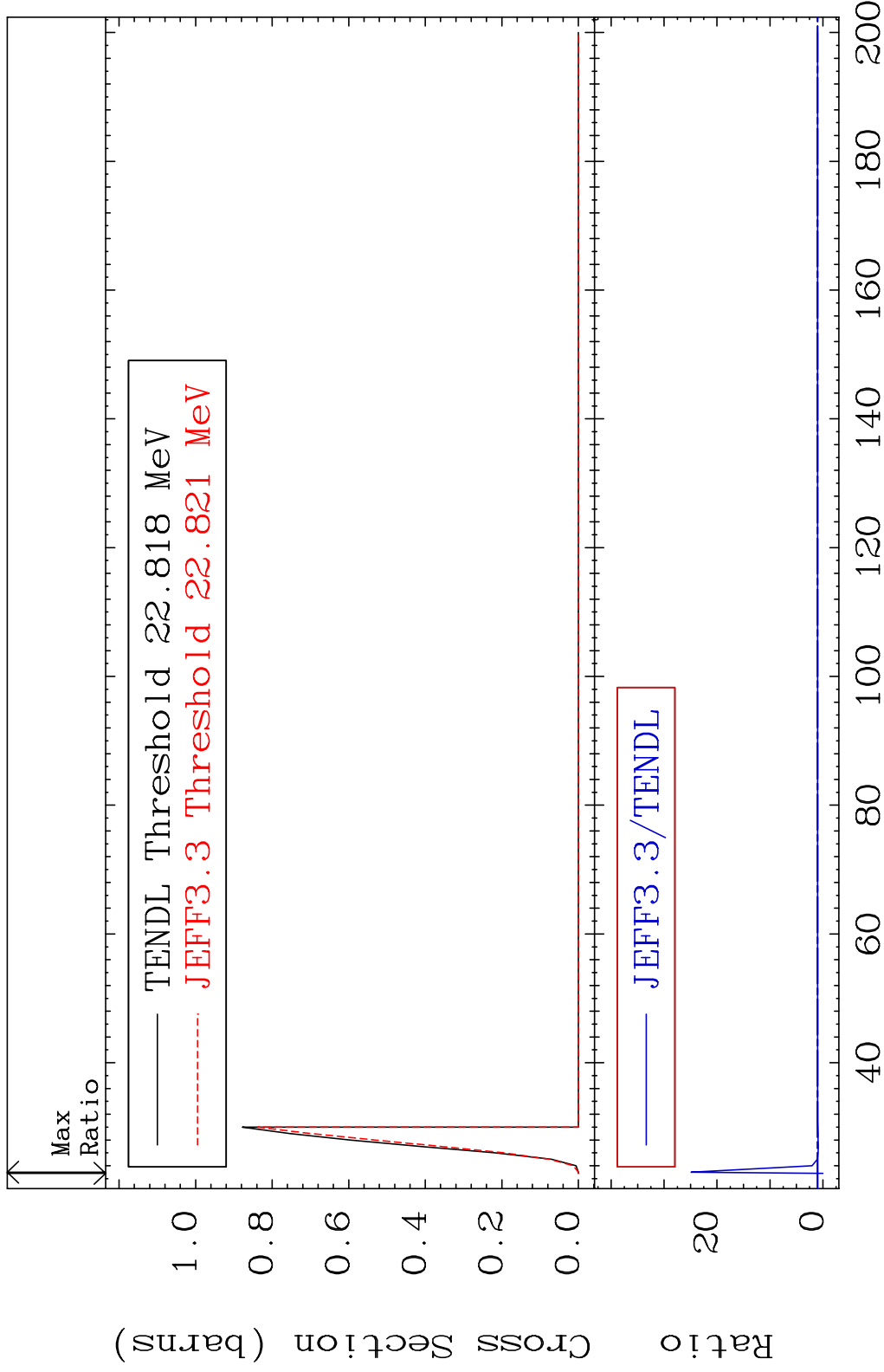


MAT 6843

(n, 4n)

68-Er-168

Cross Section -100.0 To 2391. %

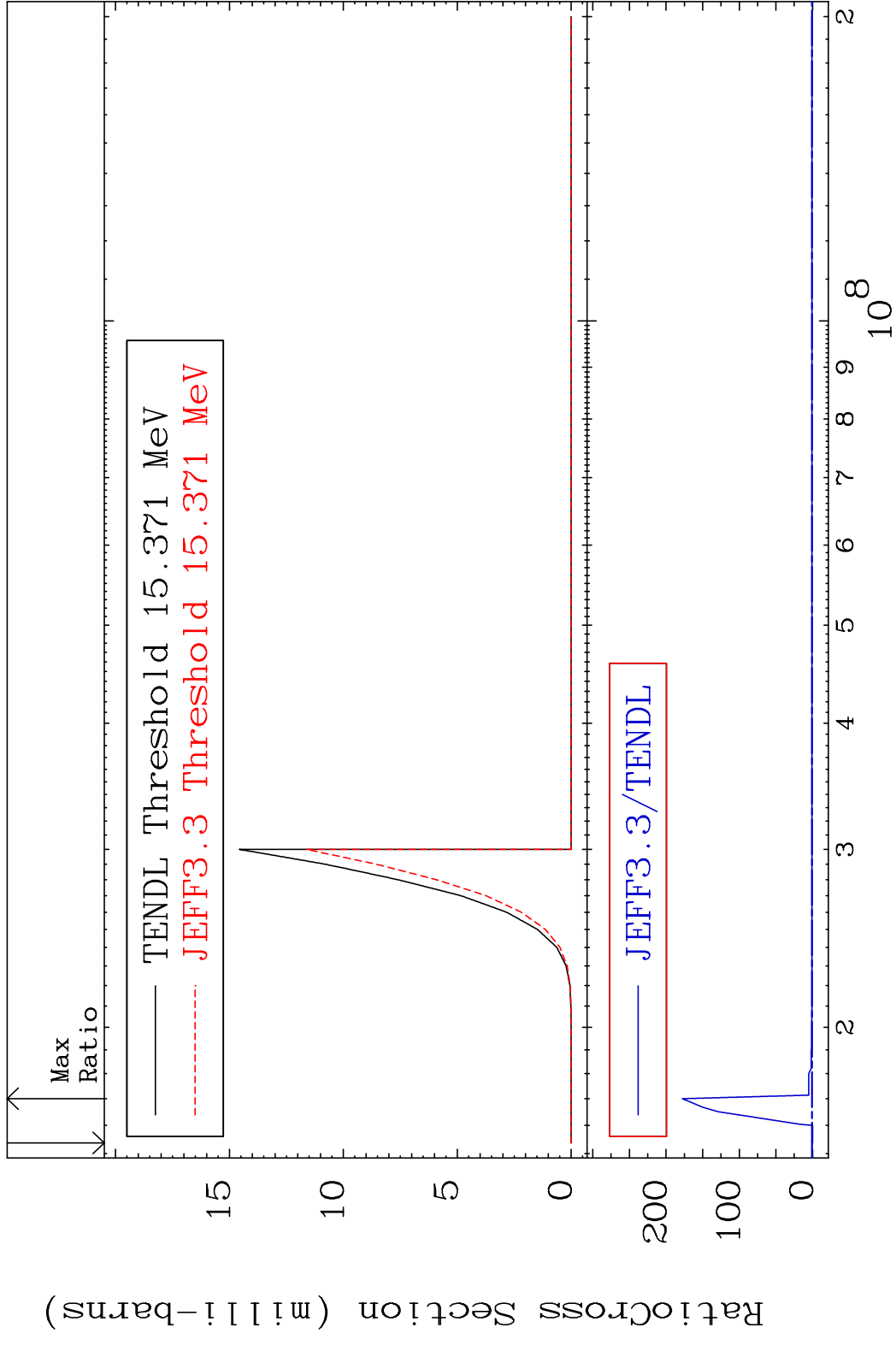


16

Incident Energy (MeV)

68-Er-168

MAT 6843 (n,2n) p 68-Er-168
 Cross Section -100.0 To 9999. %

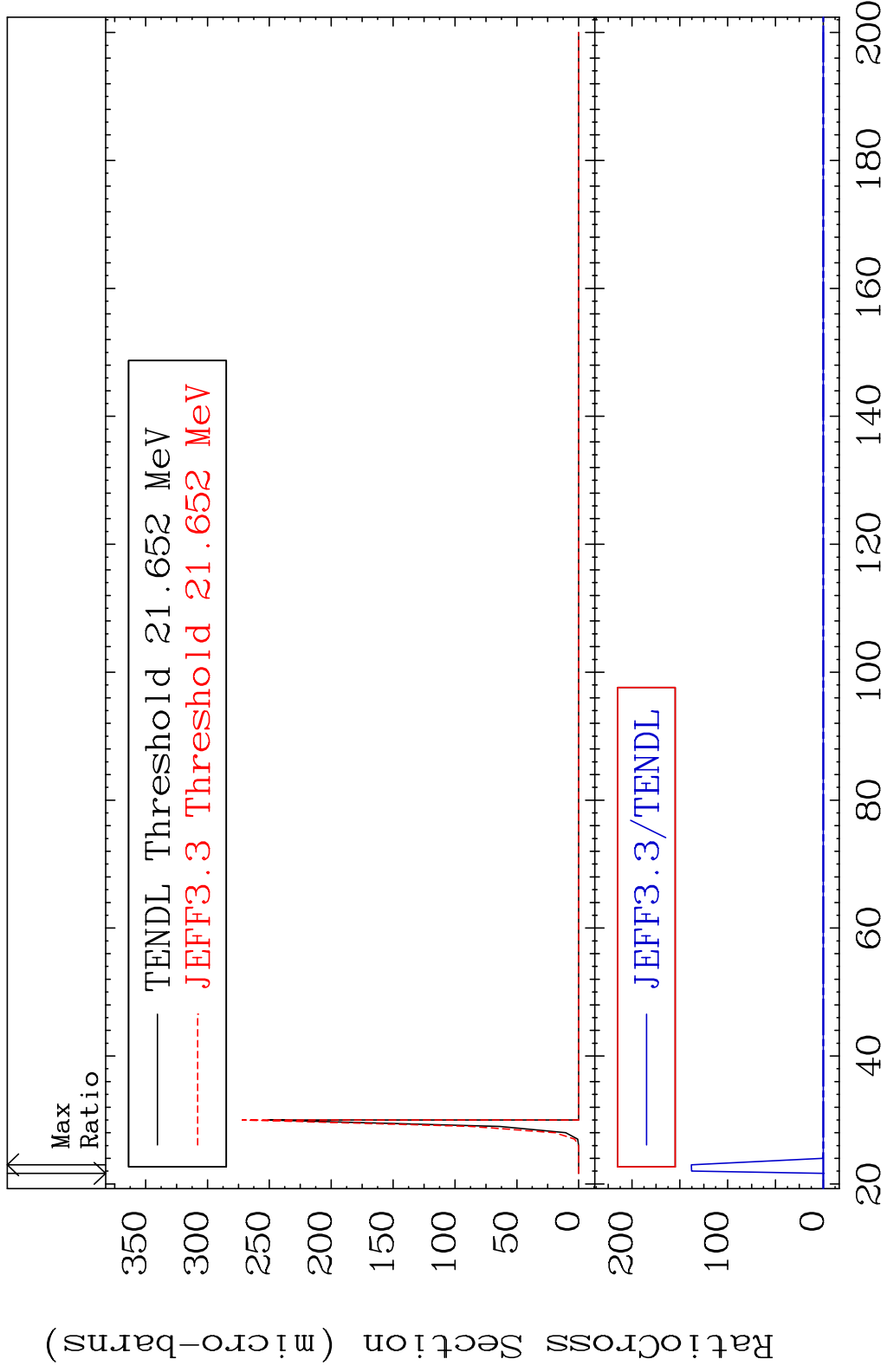


MAT 6843

(n,3n) p

68-Er-168

Cross Section -100.0 To 9999. %



18

Incident Energy (MeV)

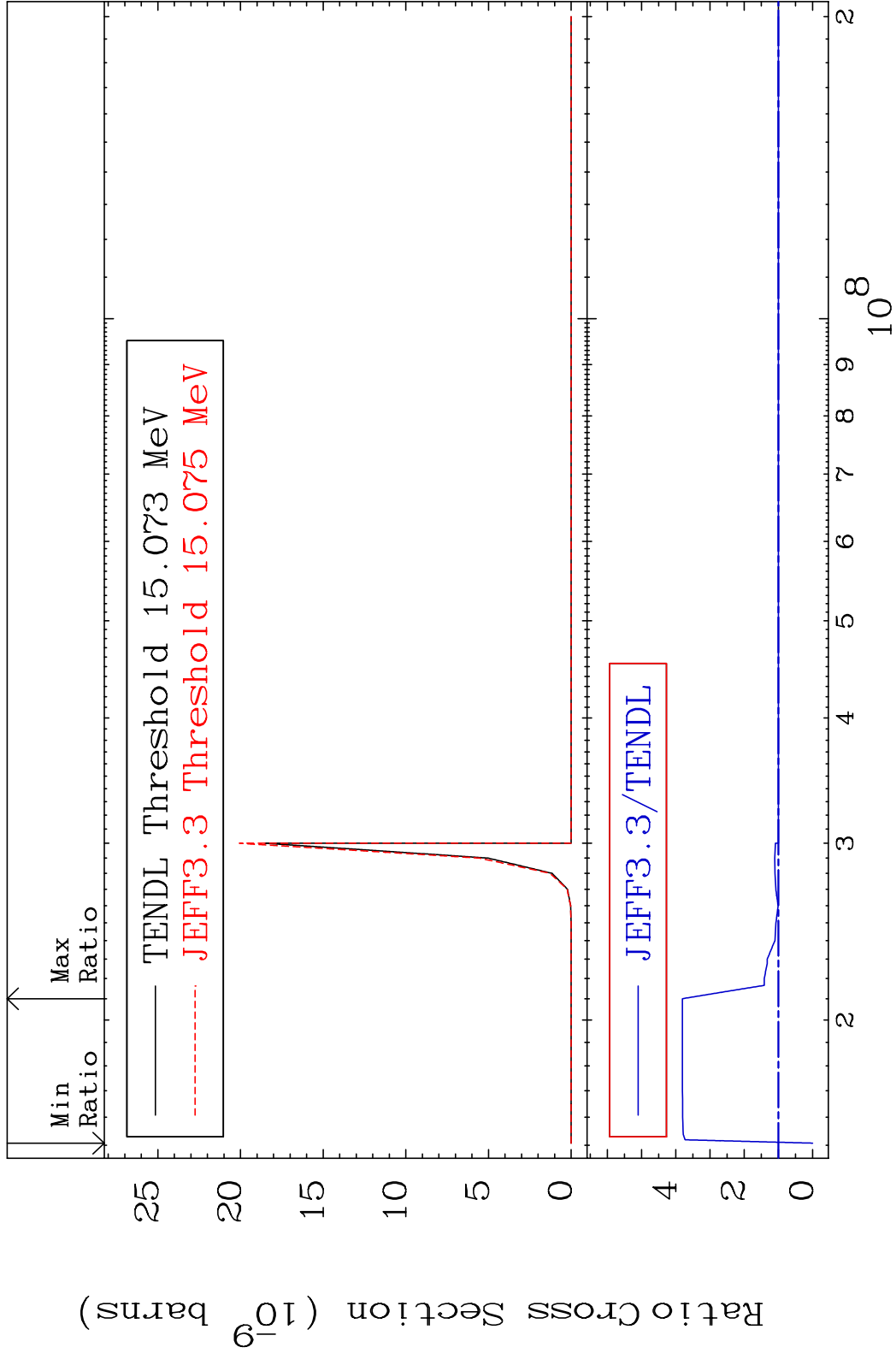
68-Er-168

MAT 6843

(n,2n) p

68-Er-168

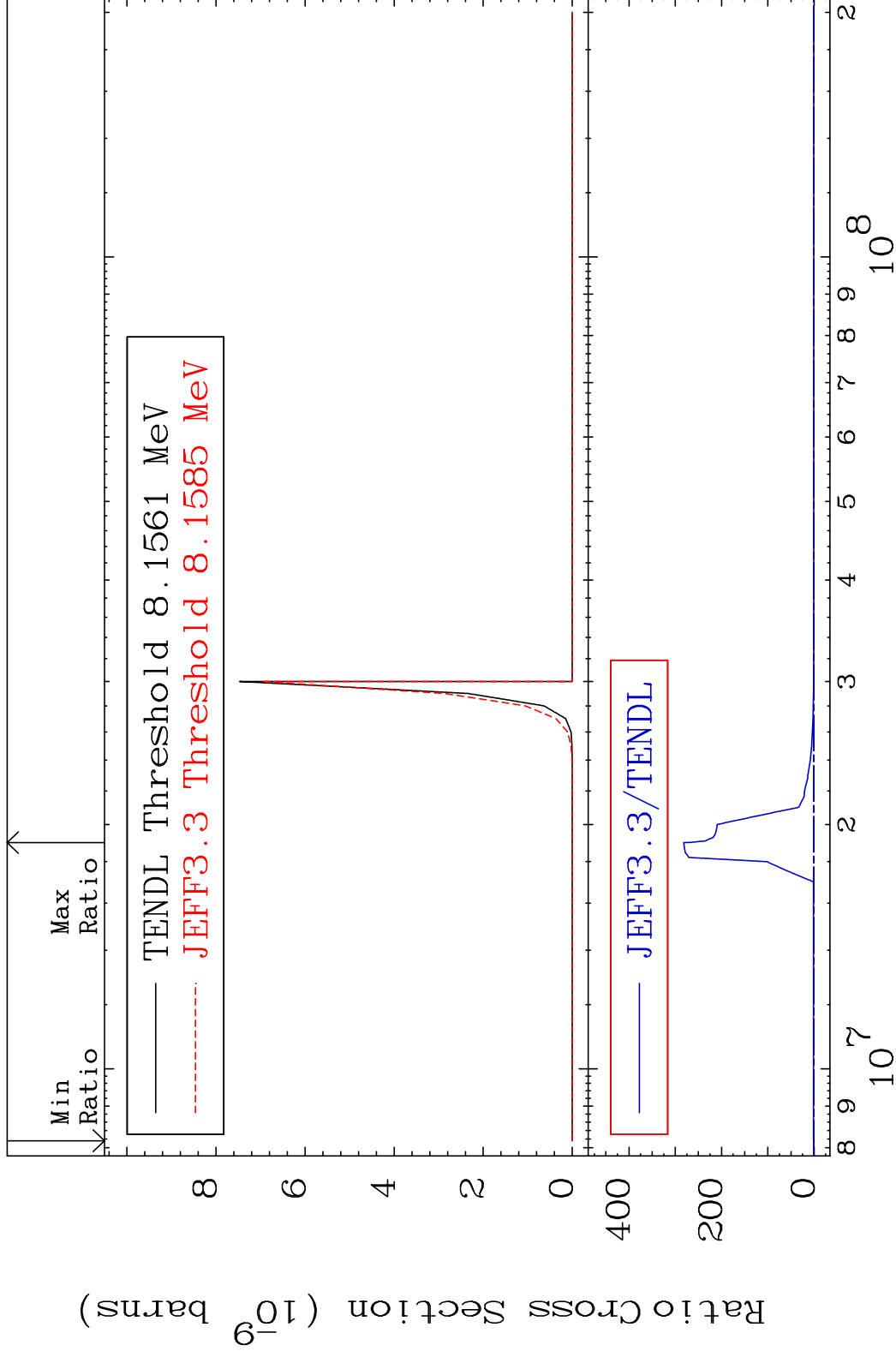
Cross Section -100.0 To 280.9 %



MAT 6843

(n,n') p α 68-Er-168

Cross Section -100.0 To 9999. %

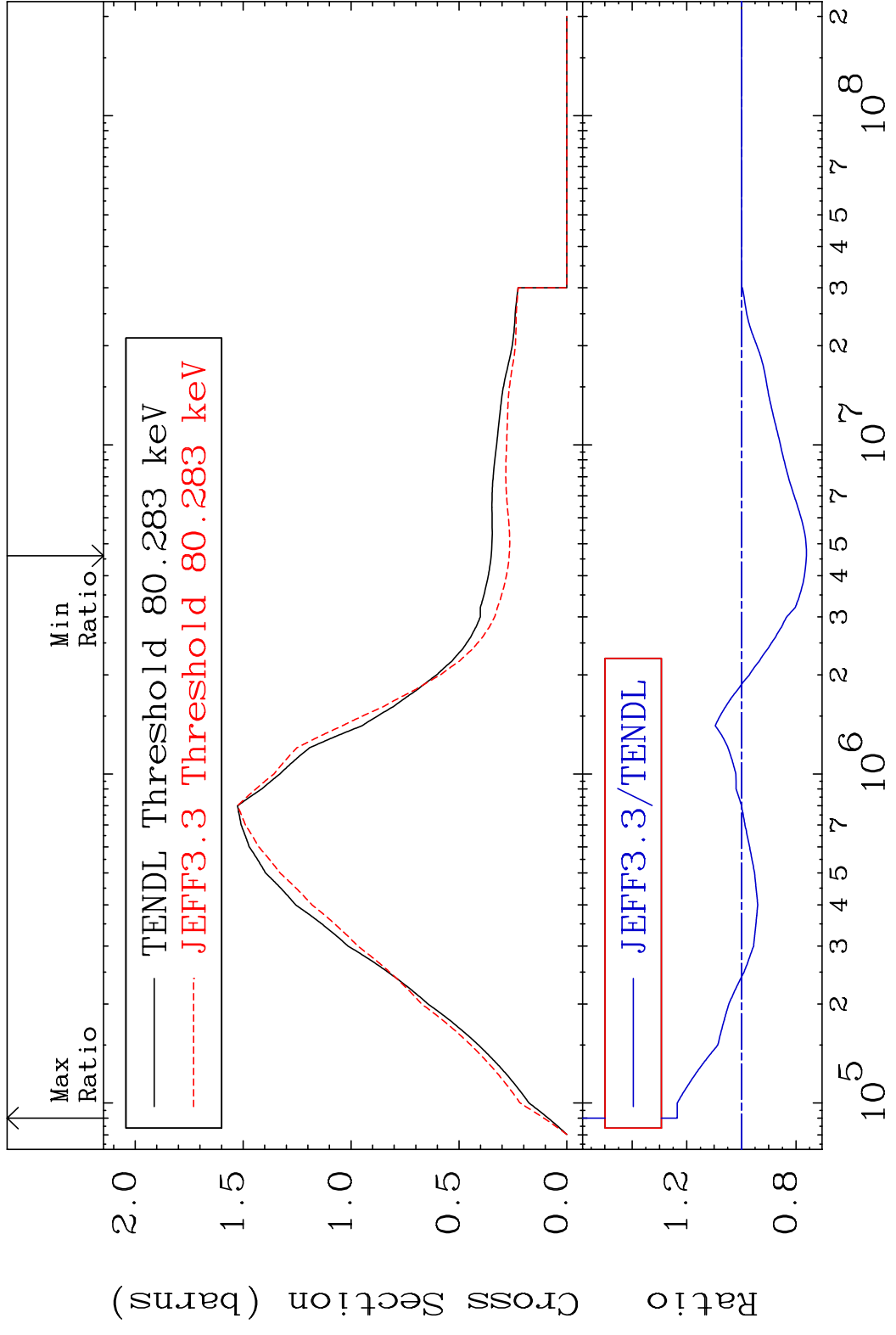


20

Incident Energy (eV)

68-Er-168

MAT 6843 MT= 51 (n, n') Level 68-Er-168
 Cross Section -23.79 To 23.52 %

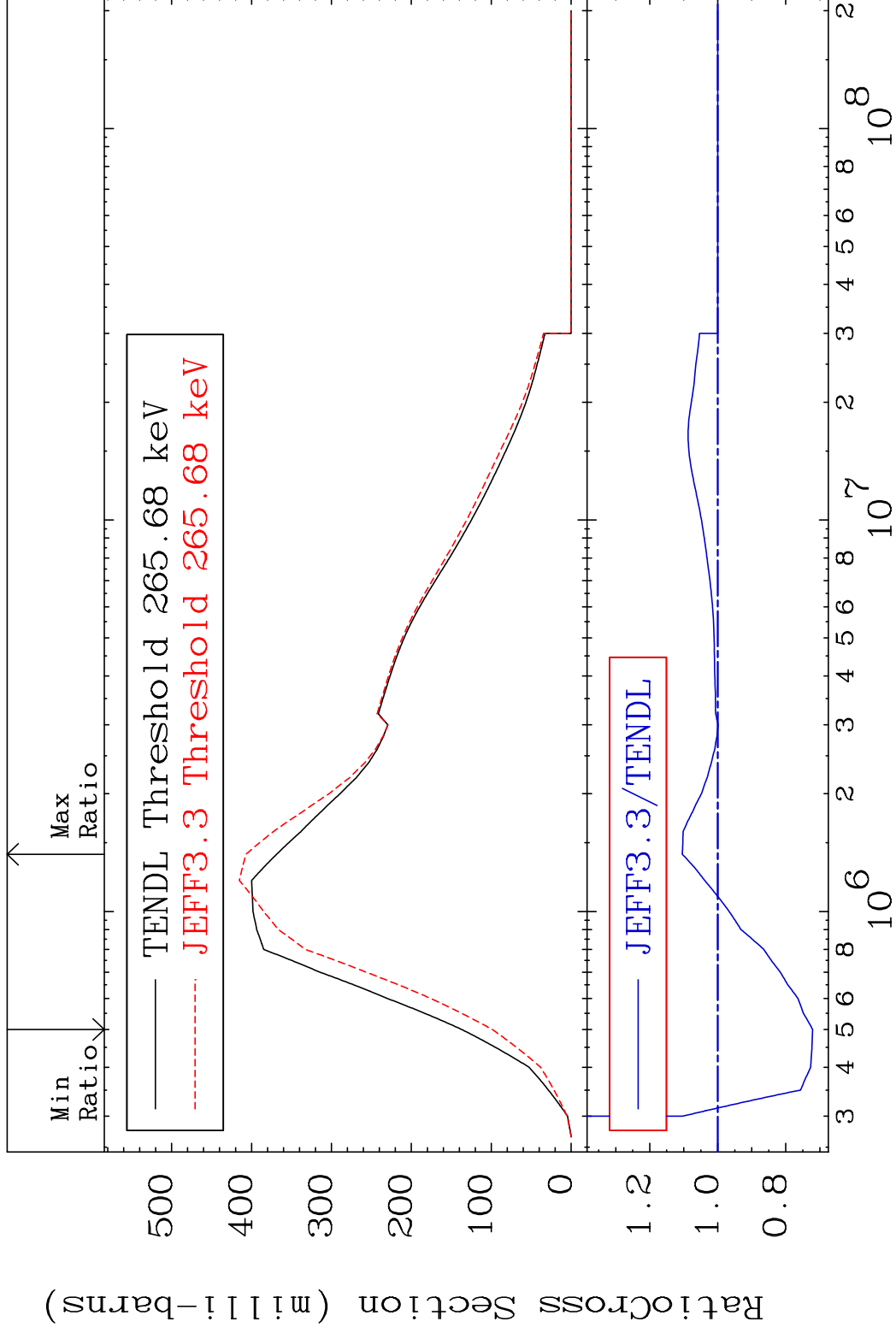


MAT 6843

MT= 52 (n, n') Level

68-Er-168

Cross Section -27.87 To 10.41 %

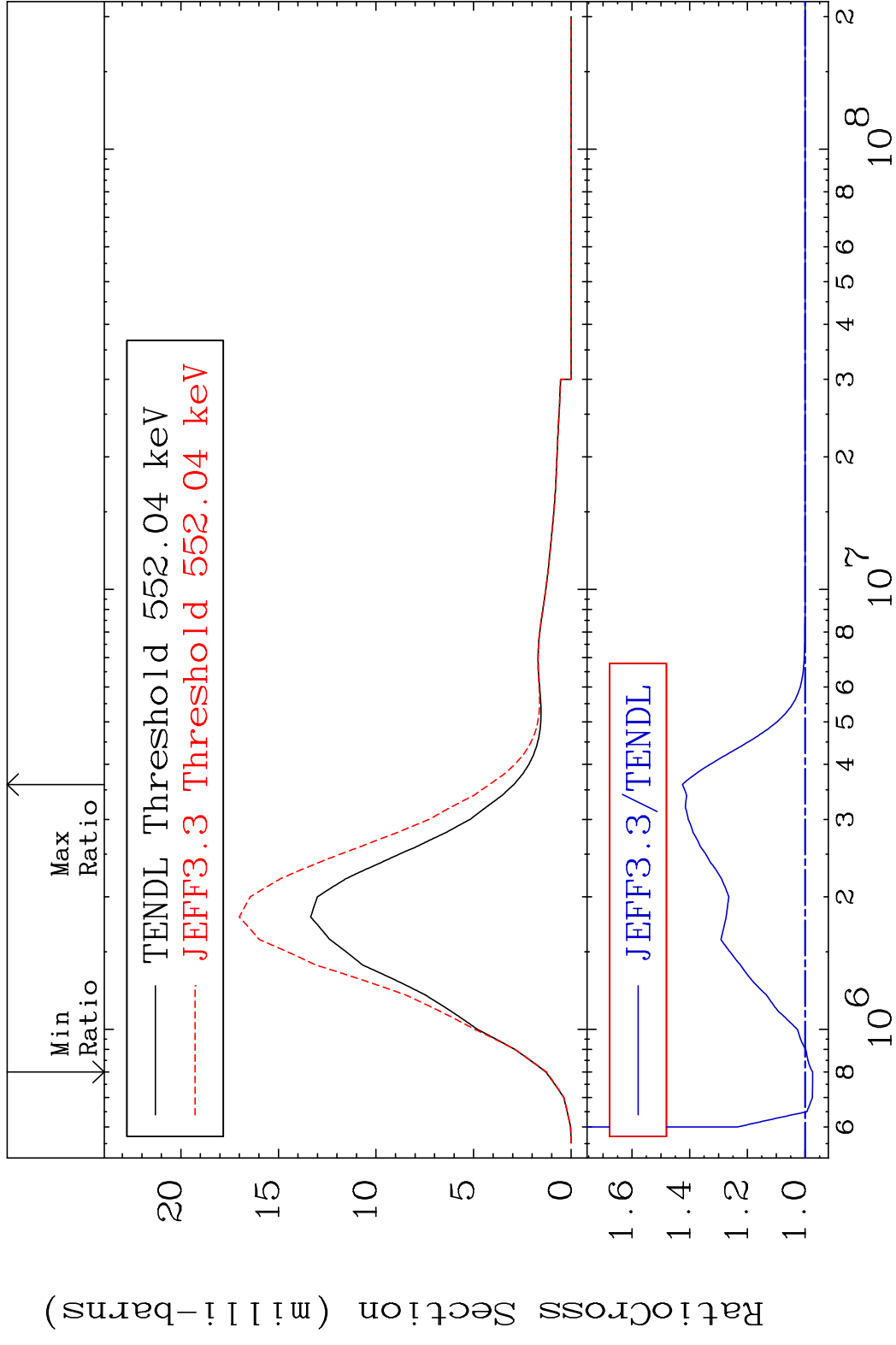


22

Incident Energy (eV)

68-Er-168

MAT 6843 MT= 53 (n, n') Level 68-Er-168
 Cross Section -2.565 To 42.55 %

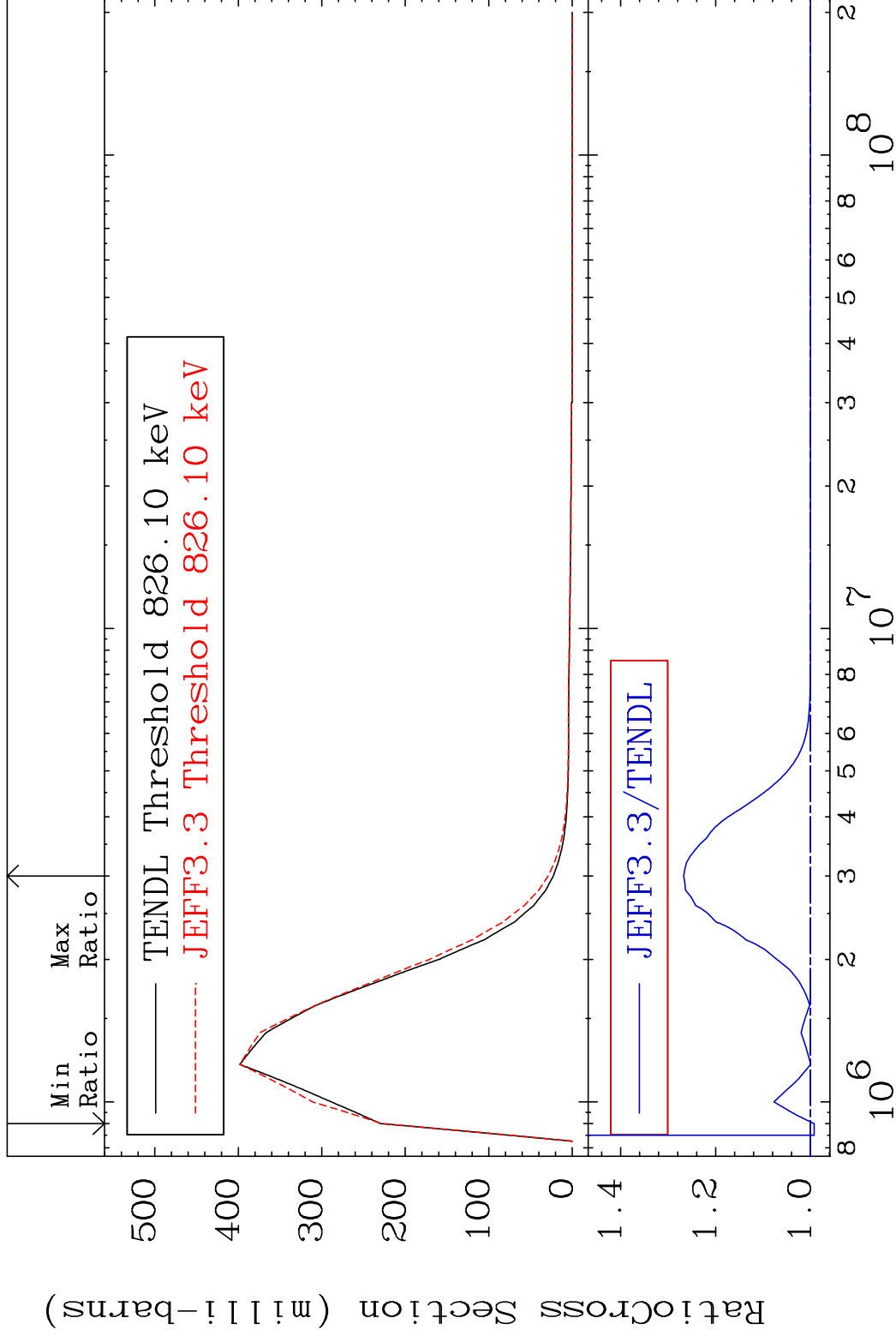


MAT 6843

MT= 54 (n, n') Level

68-Er-168

Cross Section -0.757 To 26.73 %



24

Incident Energy (eV)

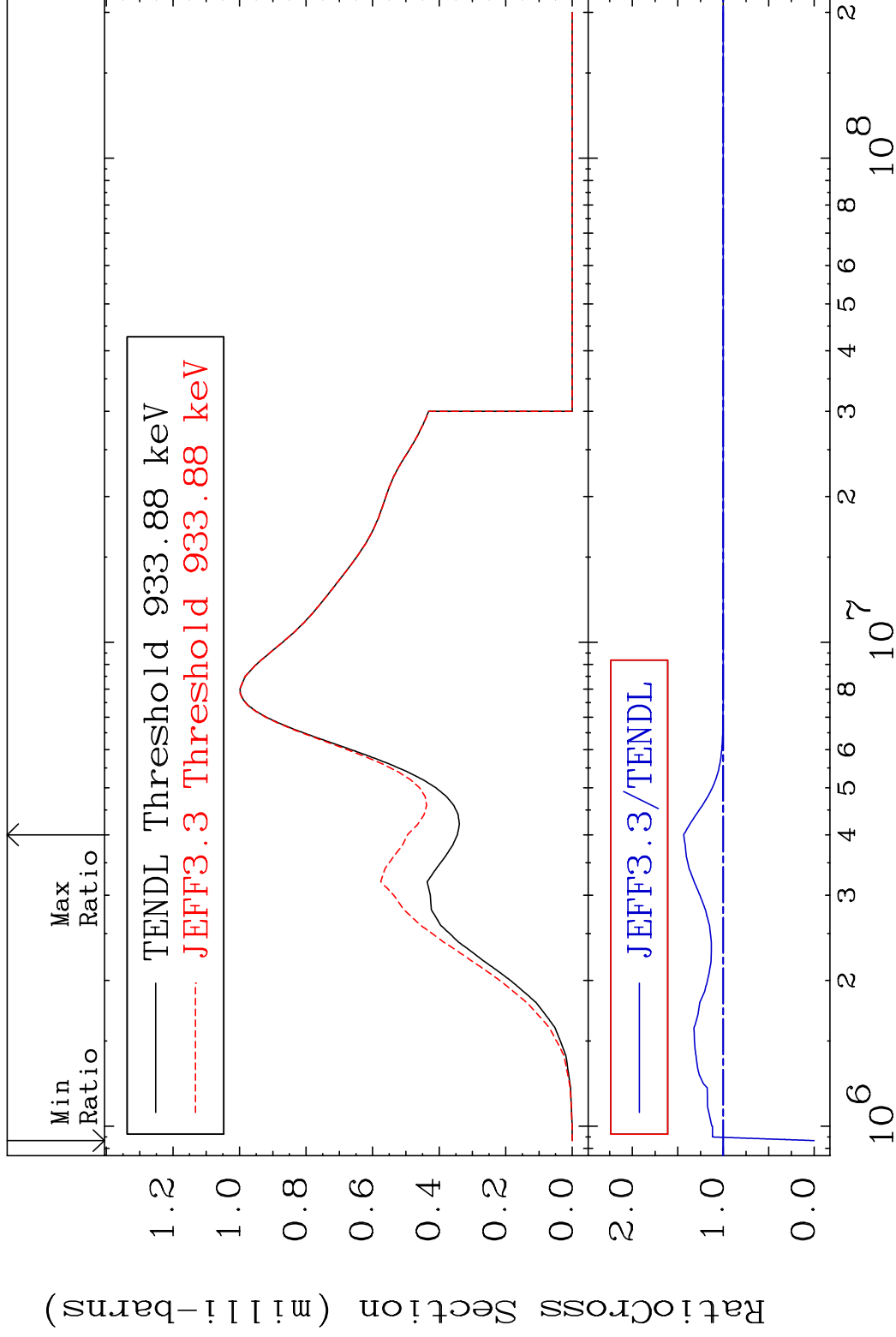
68-Er-168

MAT 6843

MT= 56 (n,n') Level

68-Er-168

Cross Section -100.0 To 43.57 %



26

Incident Energy (eV)

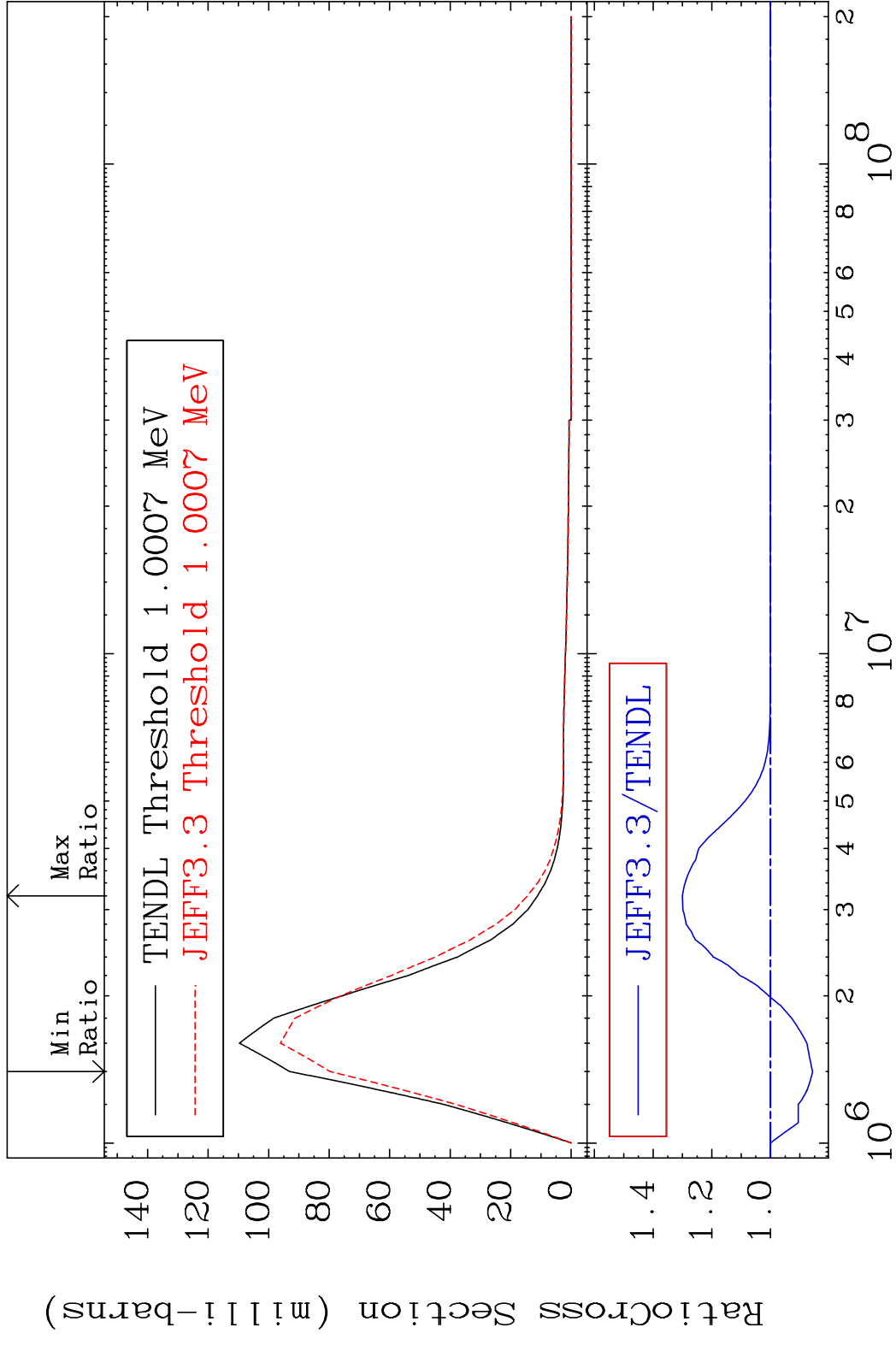
68-Er-168

MAT 6843

MT= 57 (n, n') Level

68-Er-168

Cross Section -14.32 To 30.03 %

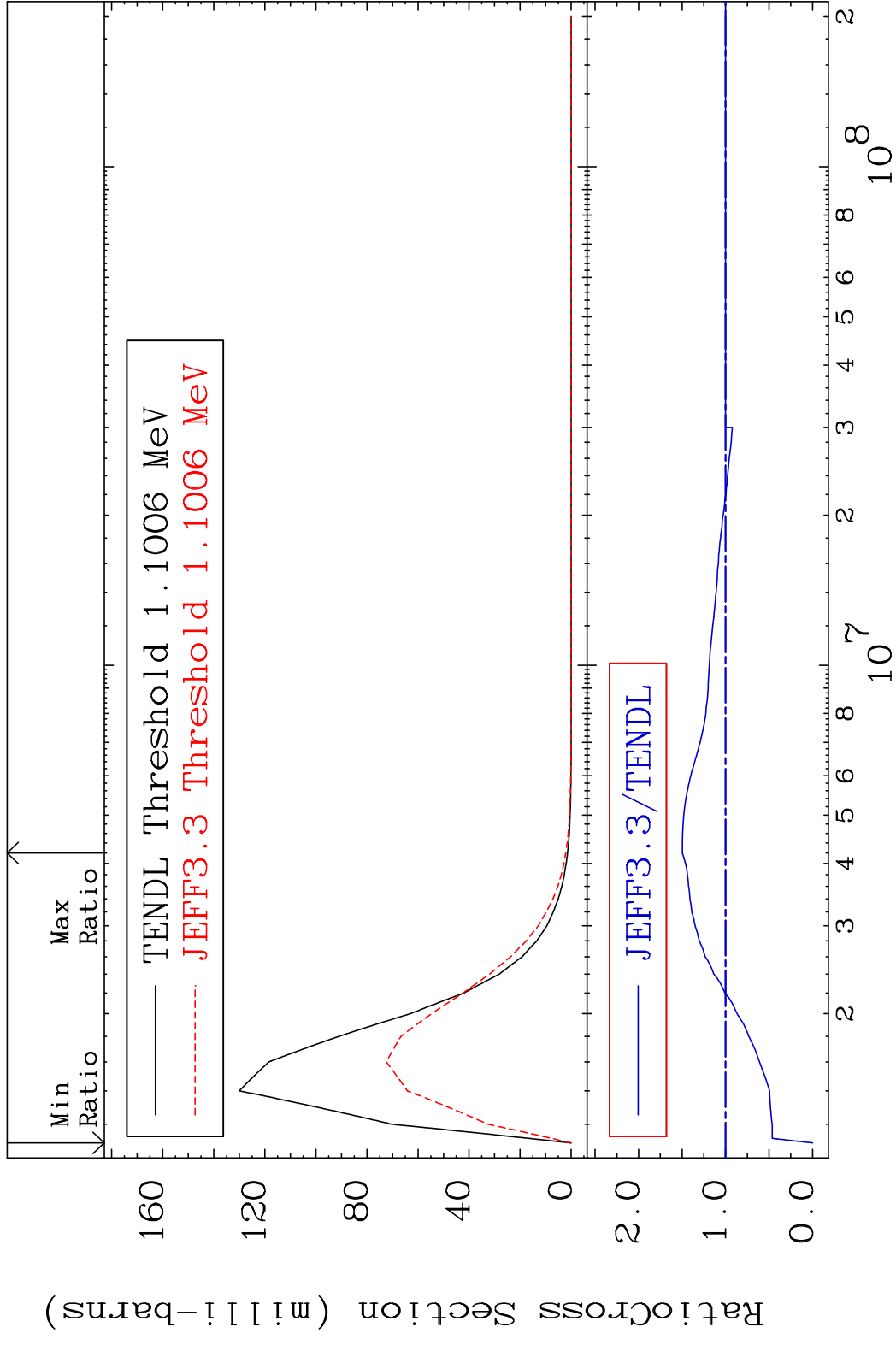


27

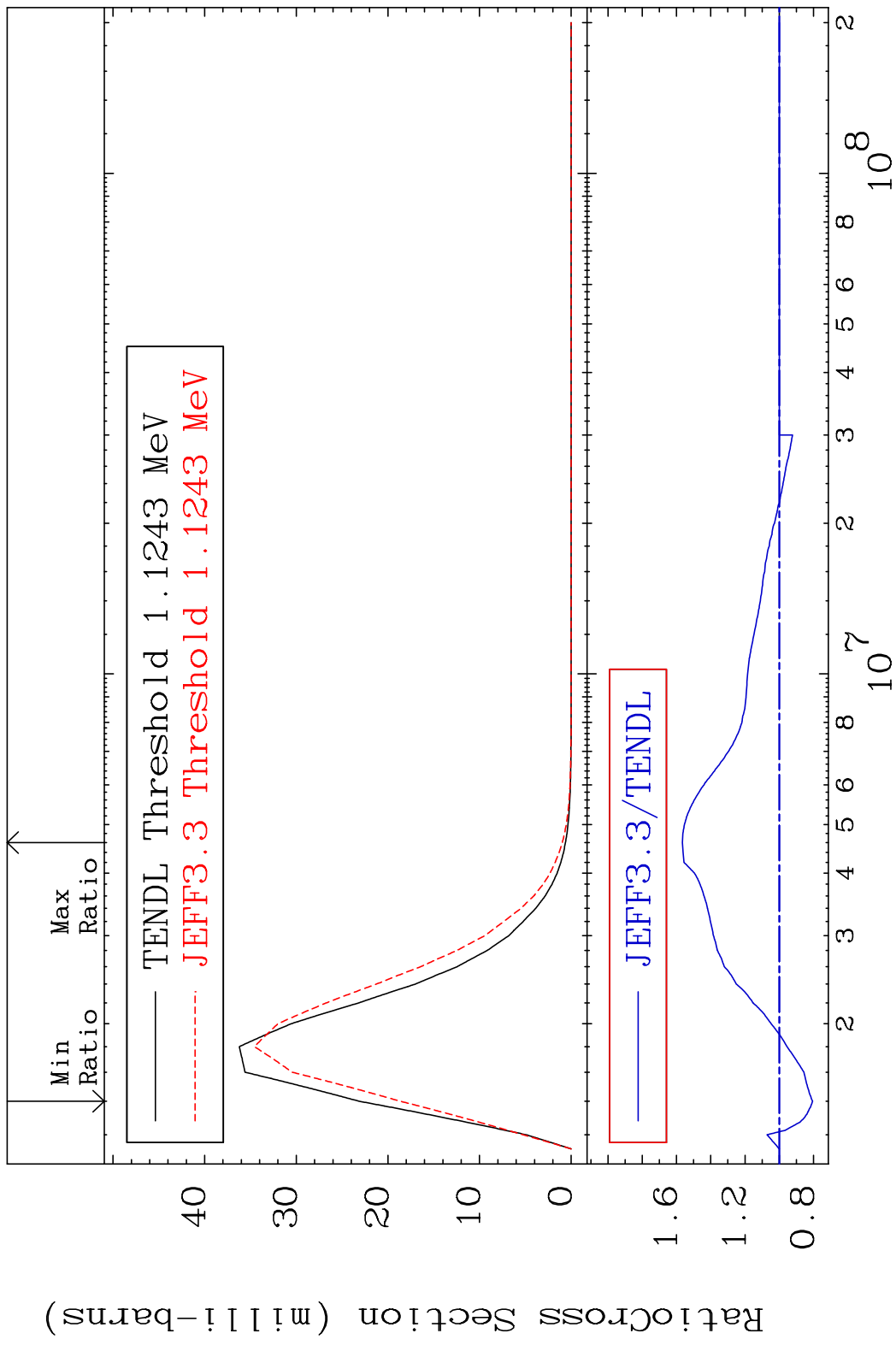
Incident Energy (eV)

68-Er-168

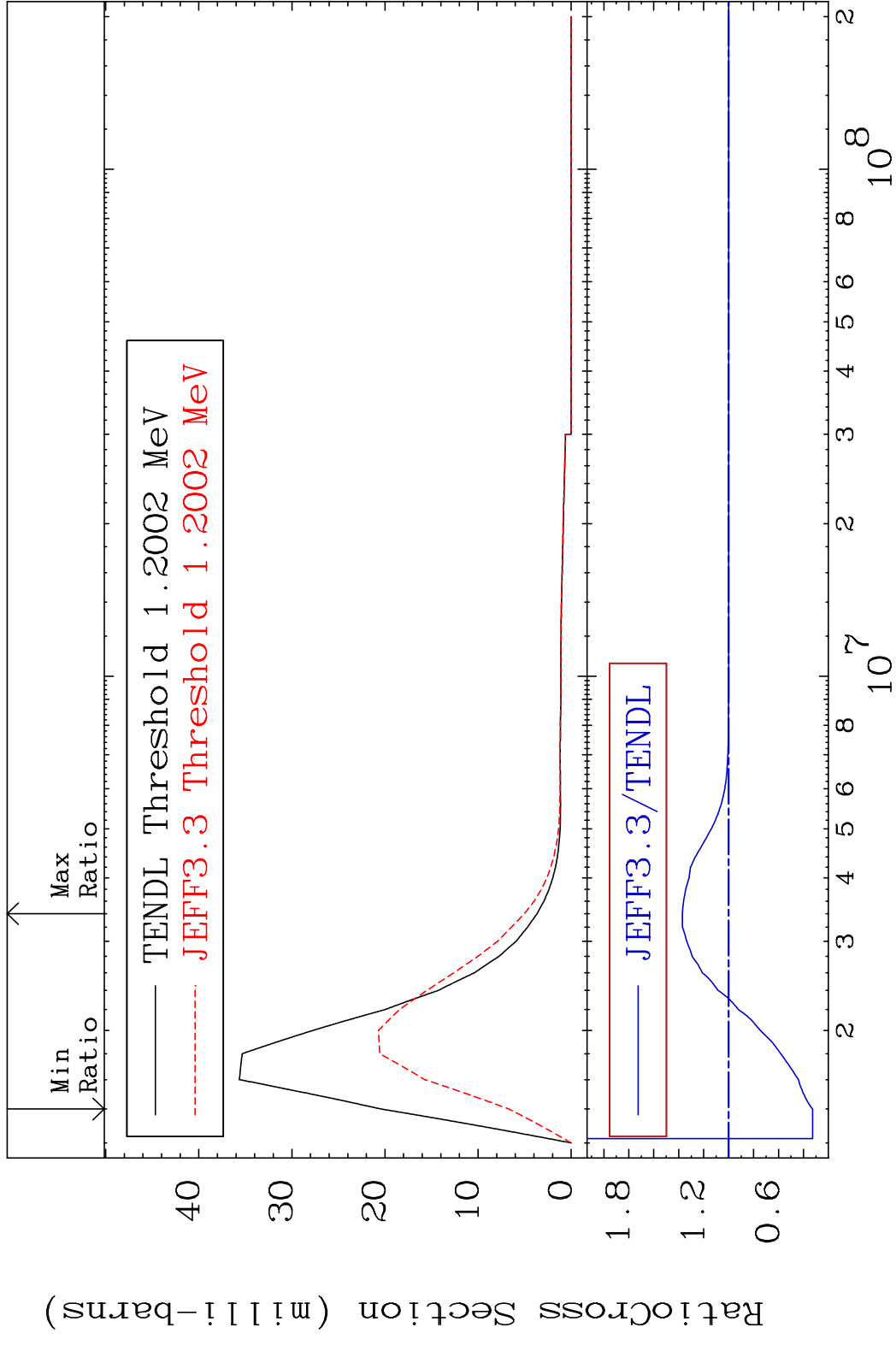
MAT 6843 MT= 58 (n, n') Level 68-Er-168
 Cross Section -100.0 To 49.70 %



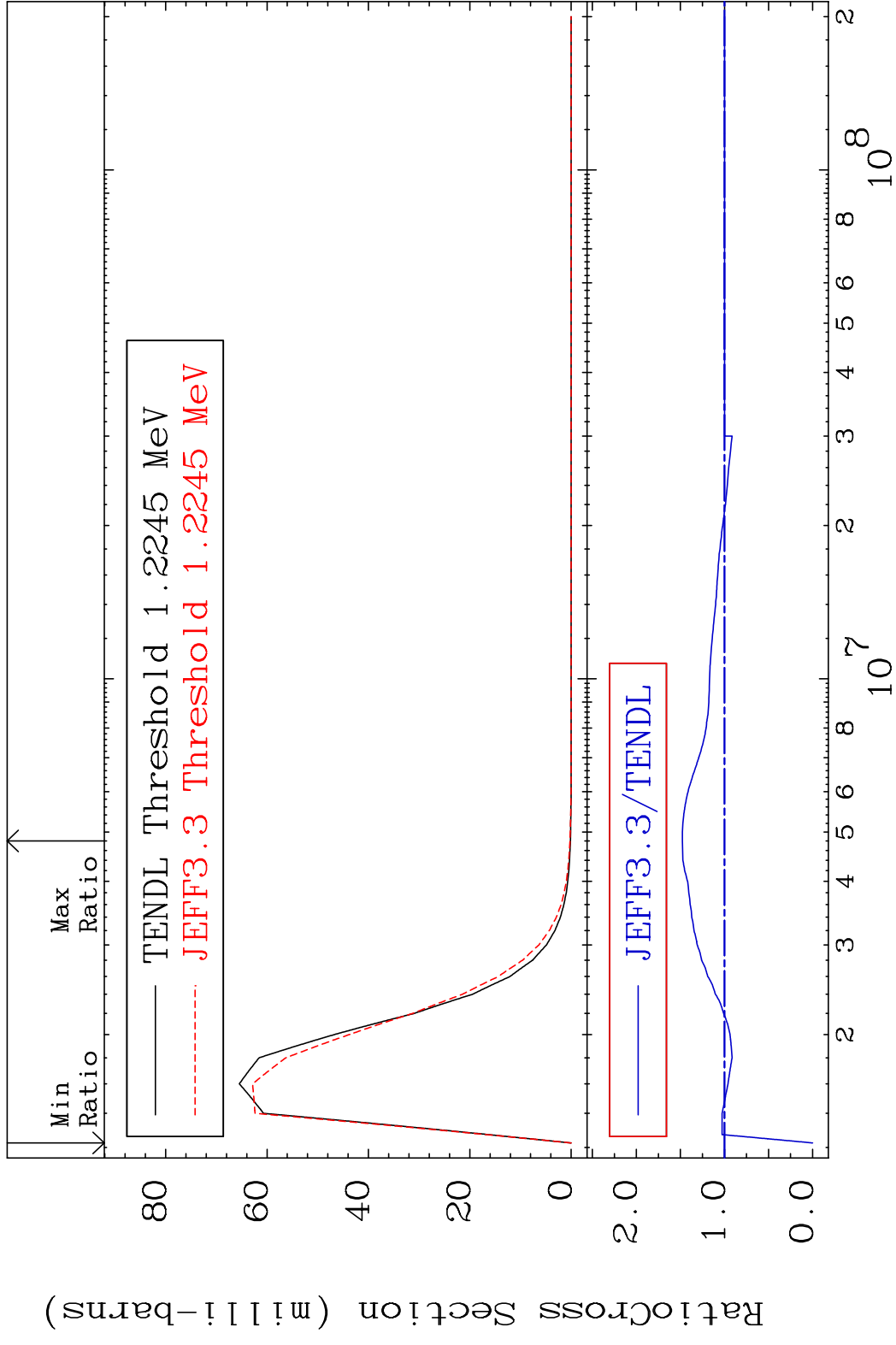
MAT 6843 MT= 59 (n, n') Level 68-Er-168
 Cross Section -19.45 To 56.58 %



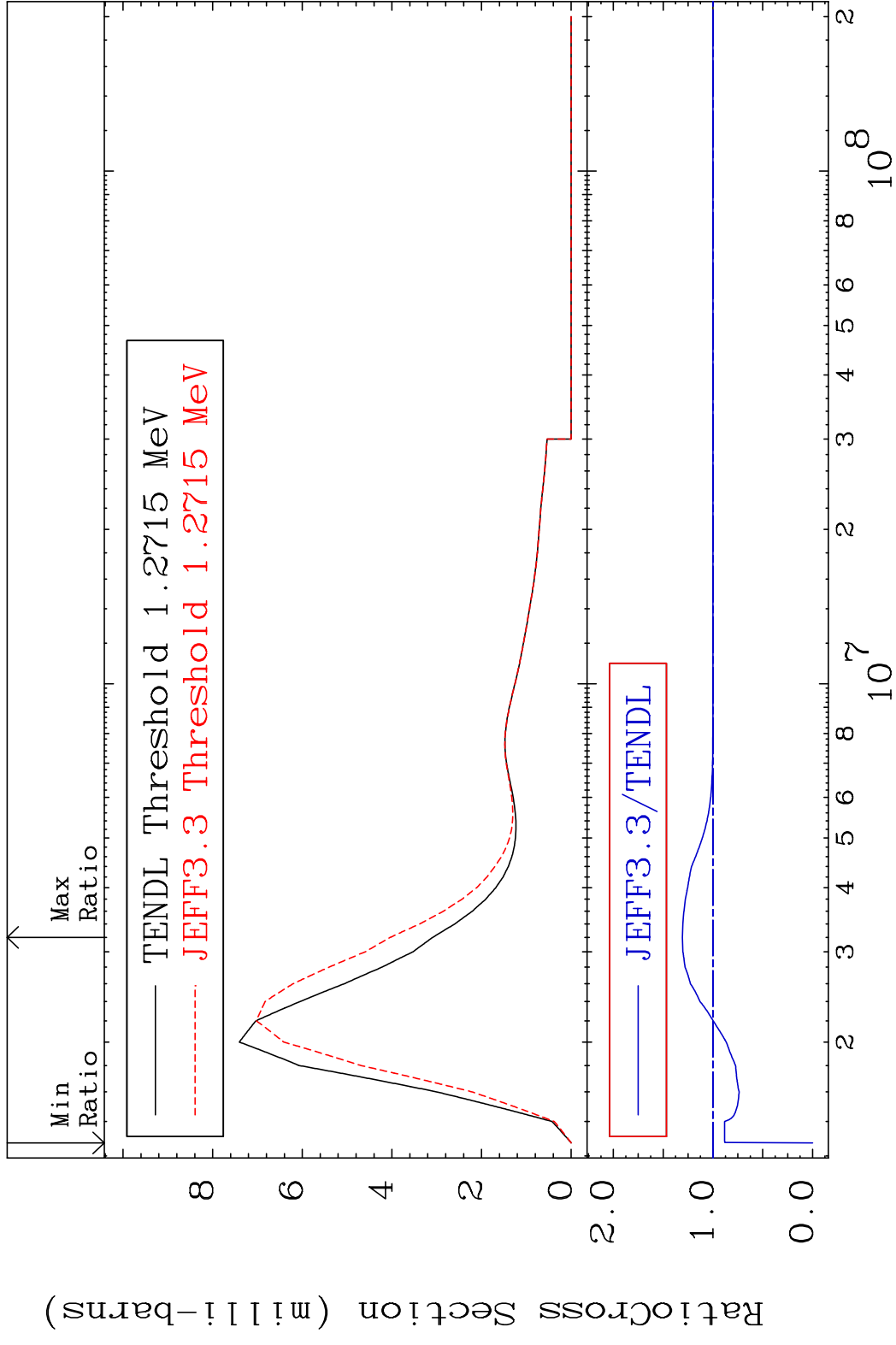
MAT 6843 MT= 60 (n, n') Level 68-Er-168
 Cross Section -67.24 To 37.09 %



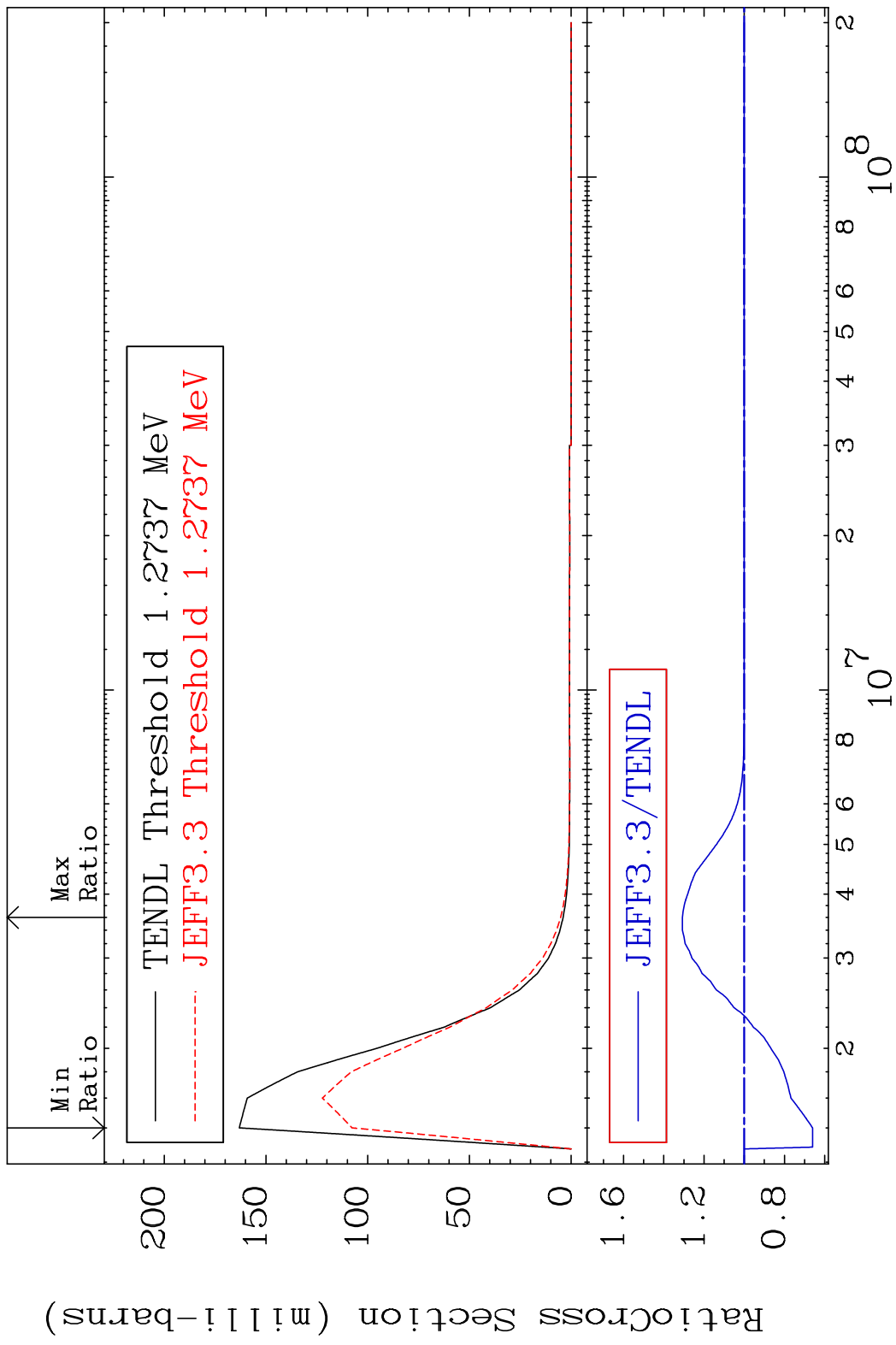
MAT 6843 MT= 61 (n, n') Level 68-Er-168
 Cross Section -100.0 To 47.82 %



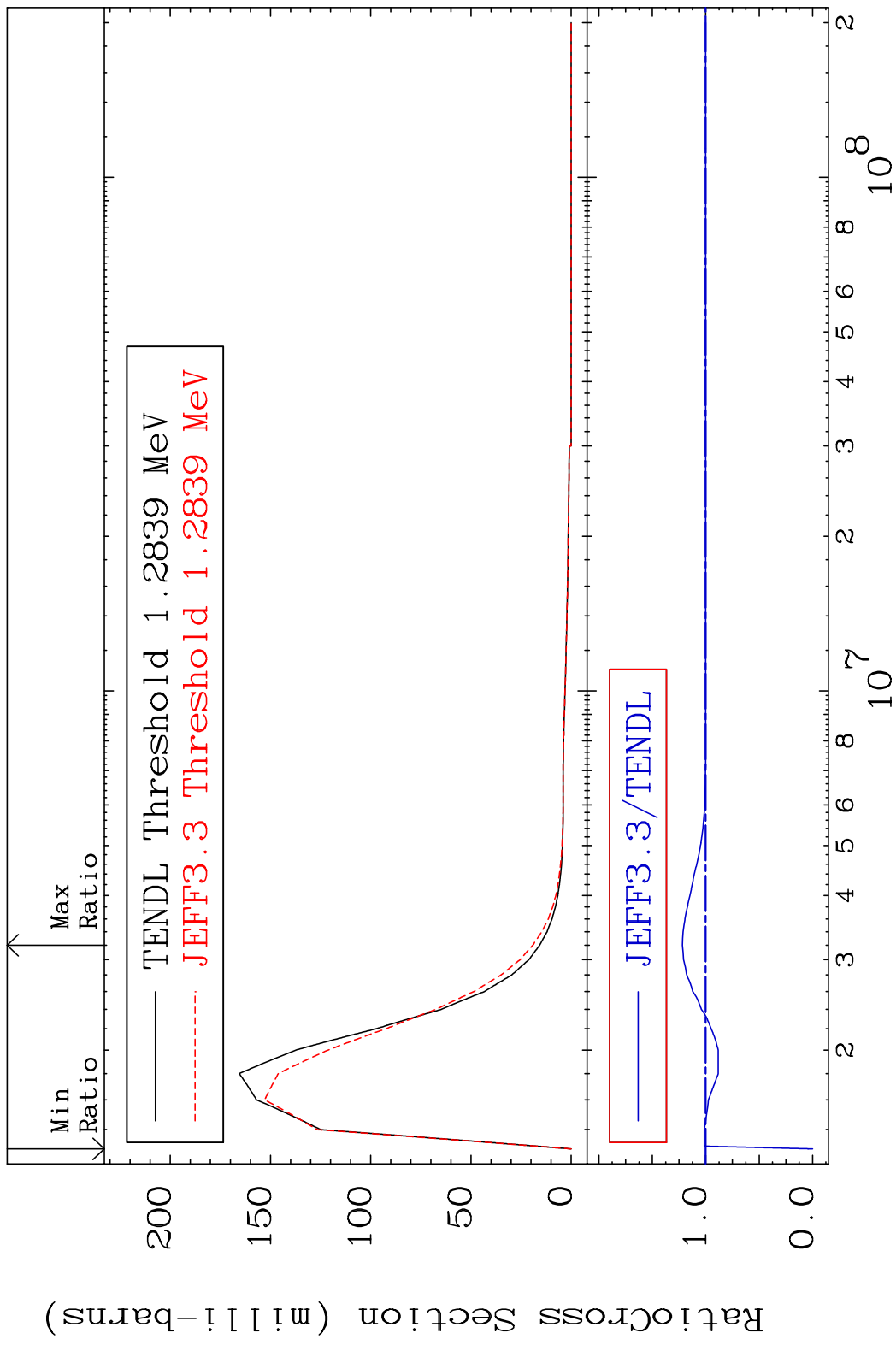
MAT 6843 MT= 62 (n, n') Level 68-Er-168
 Cross Section -100.0 To 30.70 %



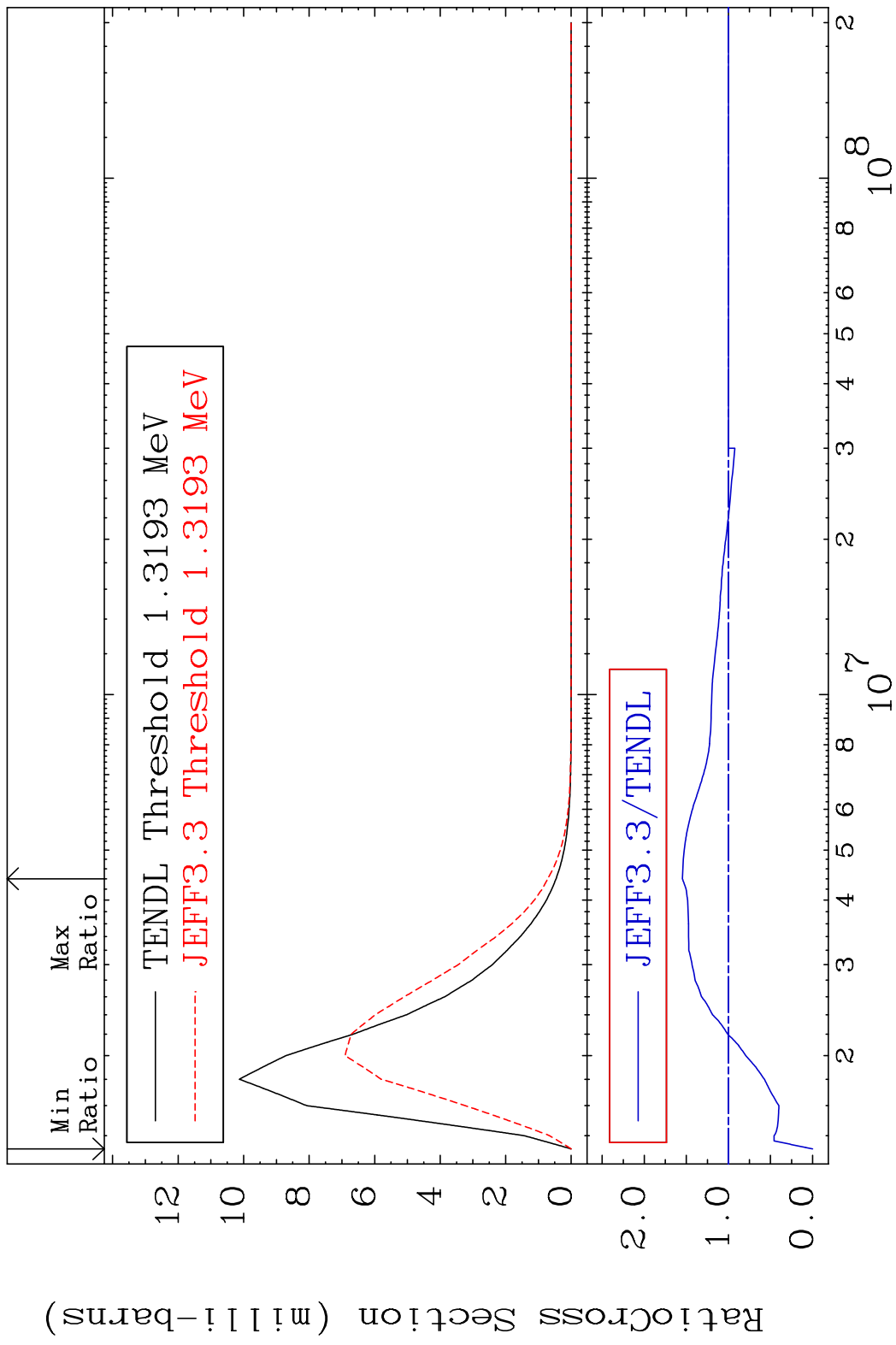
MAT 6843 MT= 63 (n, n') Level 68-Er-168
 Cross Section -33.95 To 30.76 %



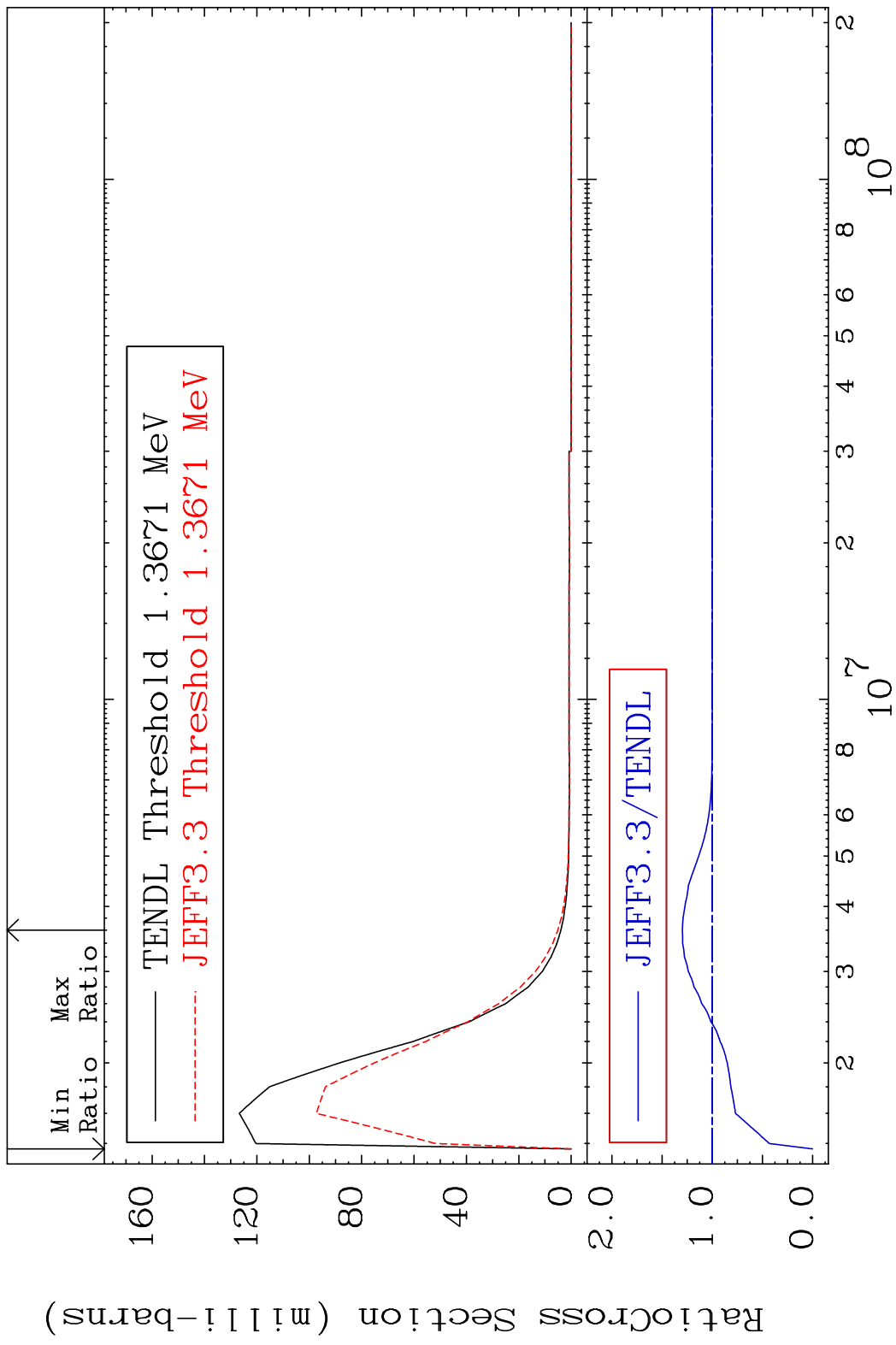
MAT 6843 MT= 64 (n, n') Level 68-Er-168
 Cross Section -100.0 To 21.88 %



MAT 6843 MT= 65 (n,n') Level 68-Er-168
 Cross Section -100.0 To 54.72 %



MAT 6843 MT= 66 (n,n') Level 68-Er-168
 Cross Section -100.0 To 29.79 %

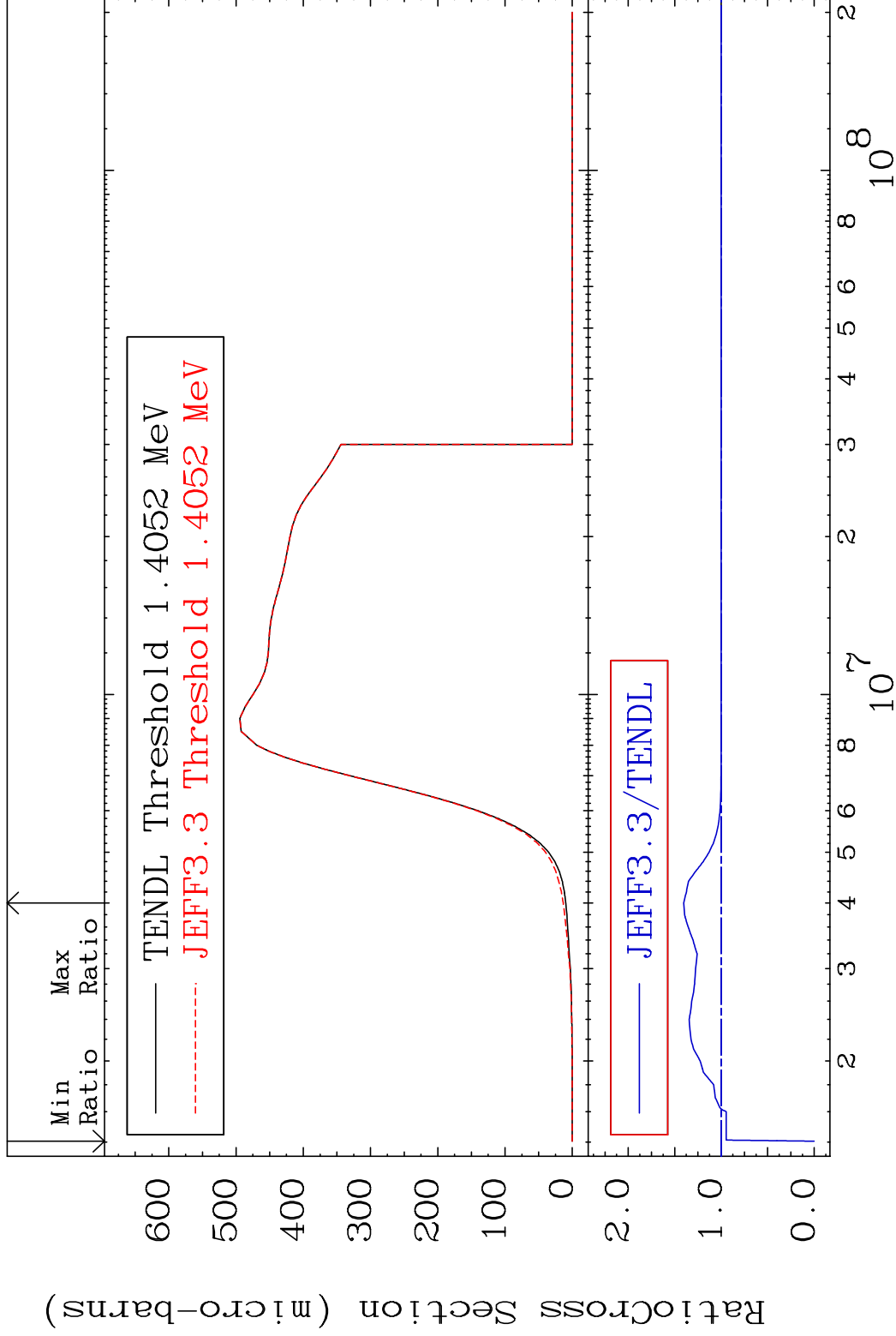


MAT 6843

MT= 67 (n, n') Level

68-Er-168

Cross Section -100.0 To 40.36 %

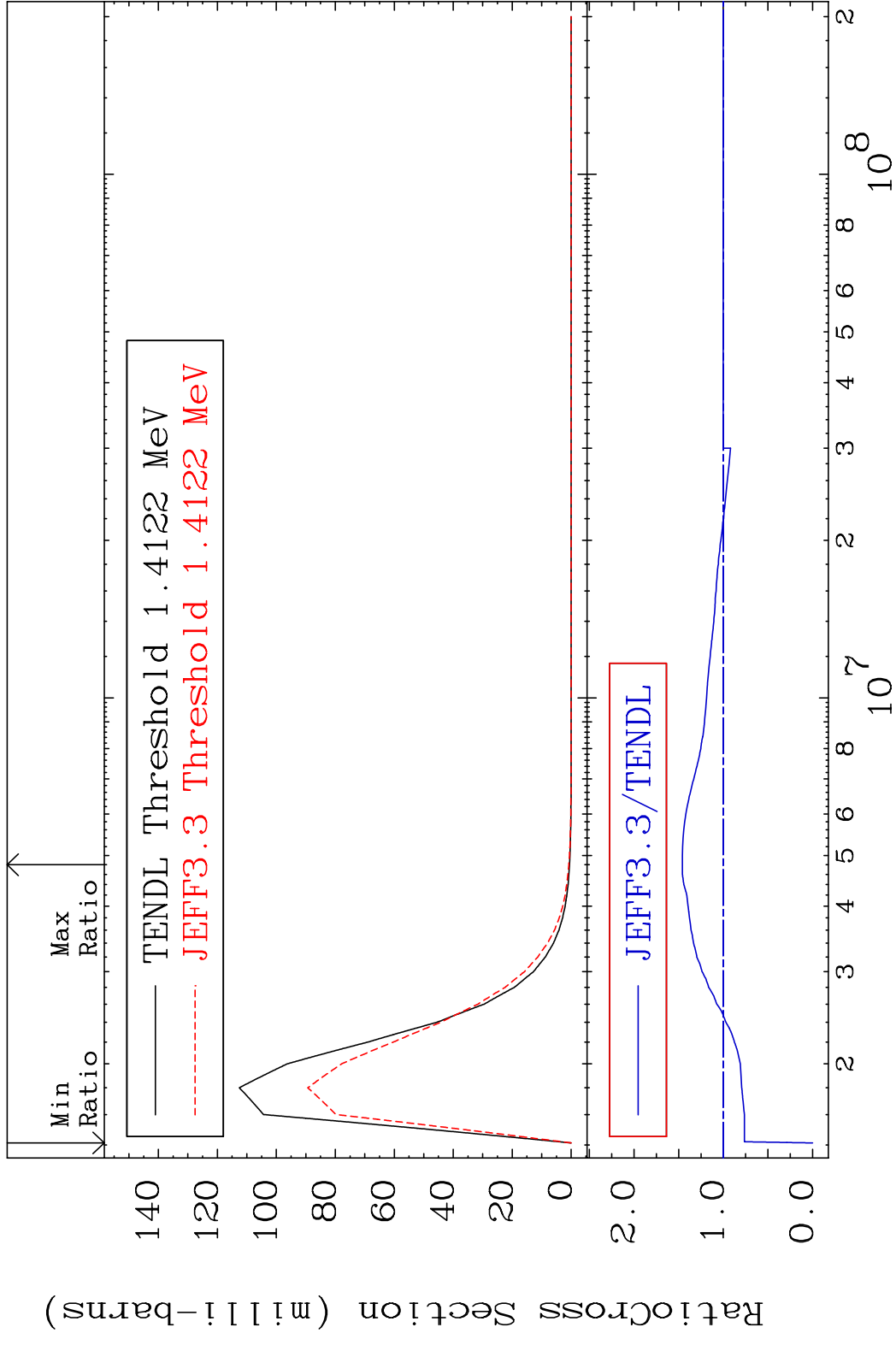


37

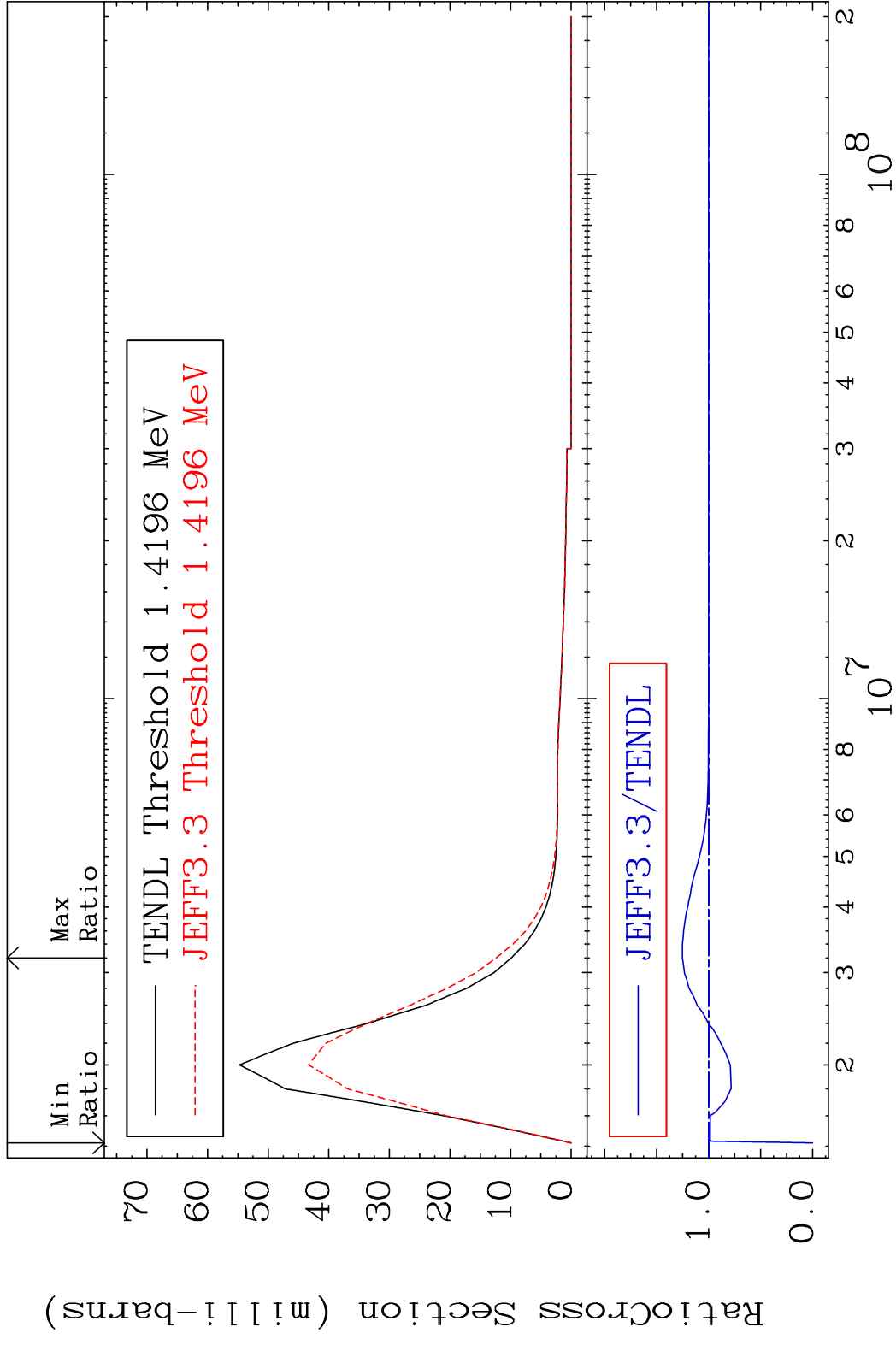
Incident Energy (eV)

68-Er-168

MAT 6843 MT= 68 (n, n') Level 68-Er-168
 Cross Section -100.0 To 45.89 %



MAT 6843 MT= 69 (n, n') Level 68-Er-168
 Cross Section -100.0 To 25.17 %

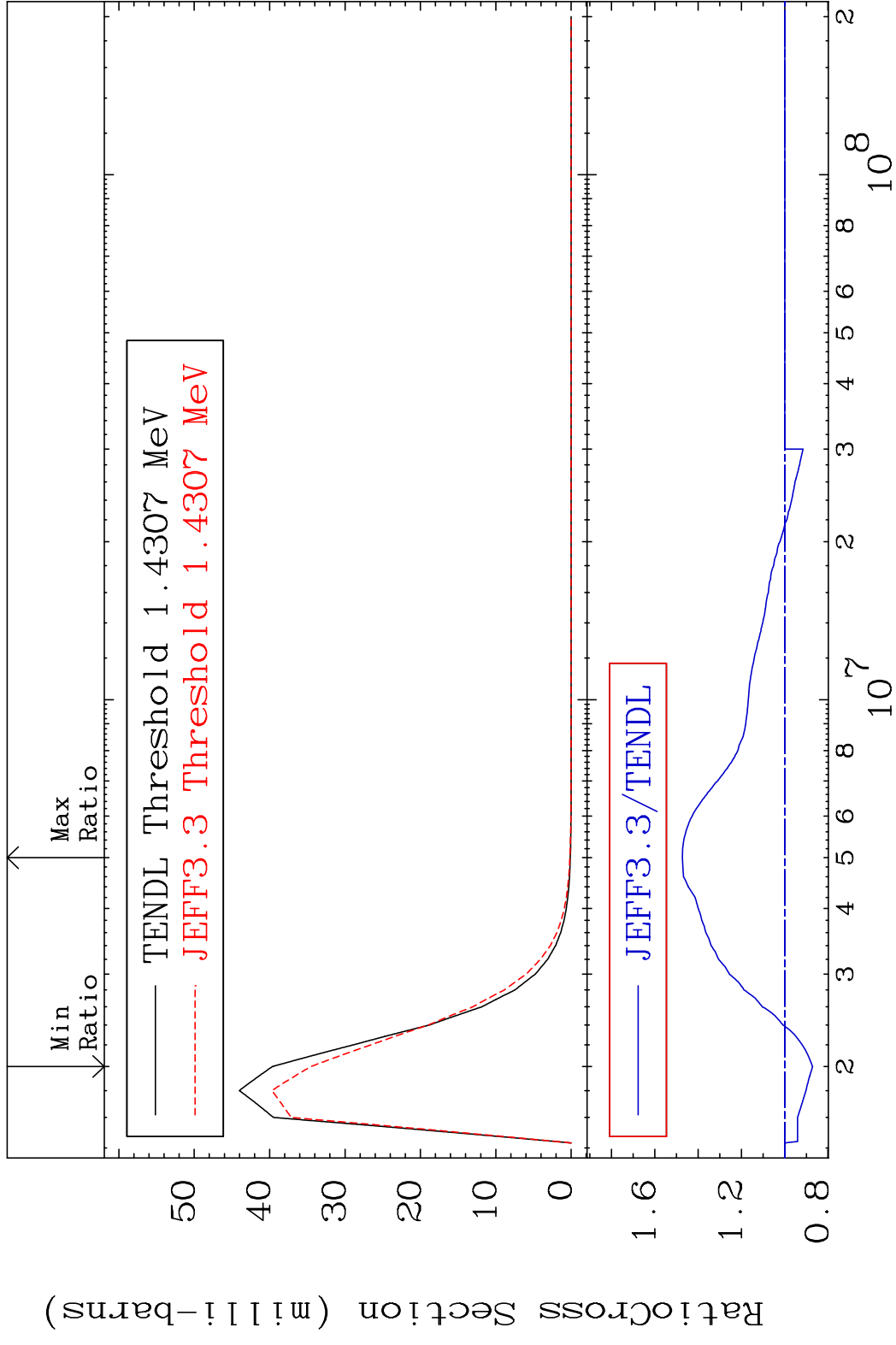


MAT 6843

MT= 70 (n, n') Level

68-Er-168

Cross Section -12.87 To 47.28 %

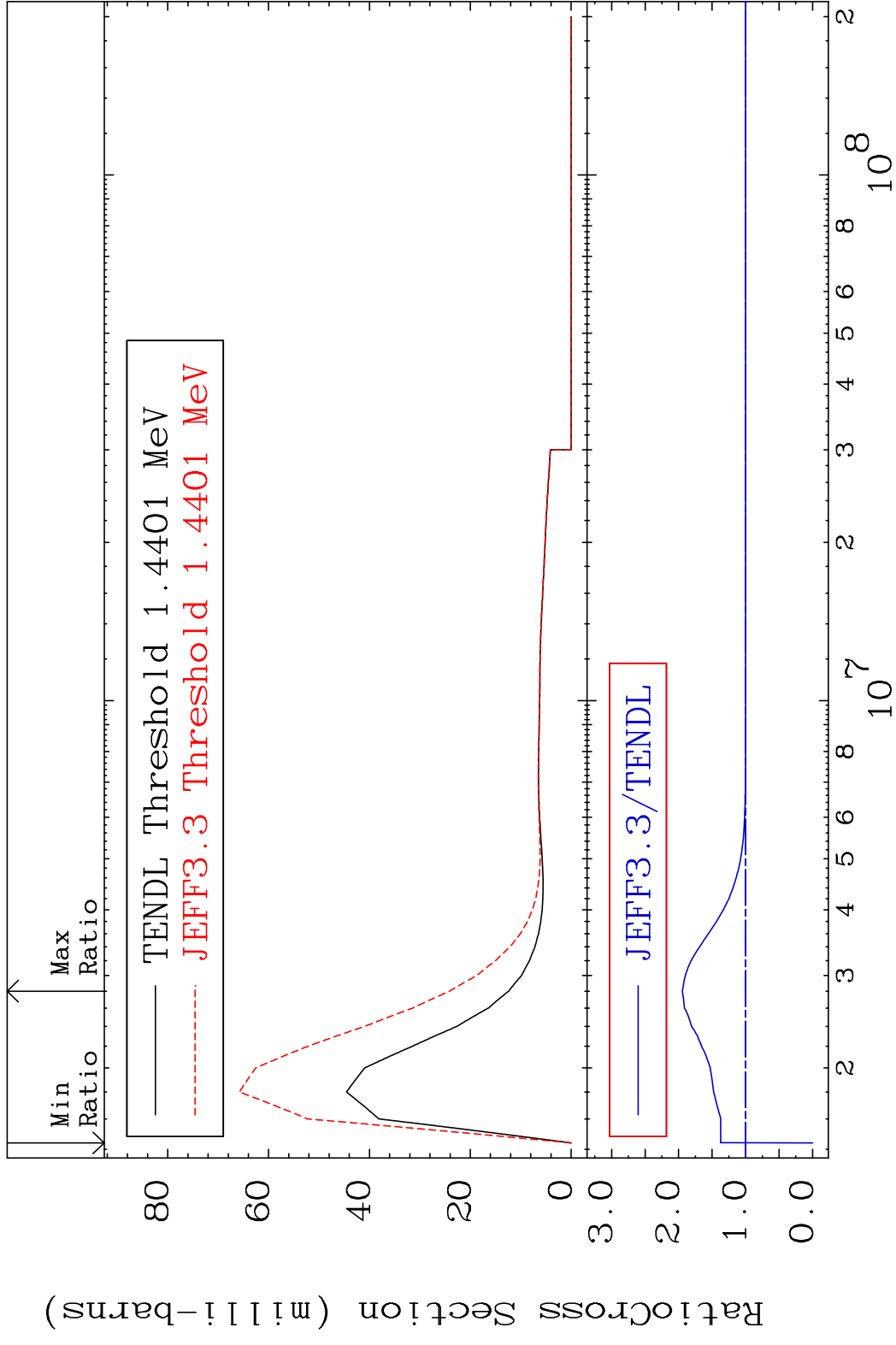


40

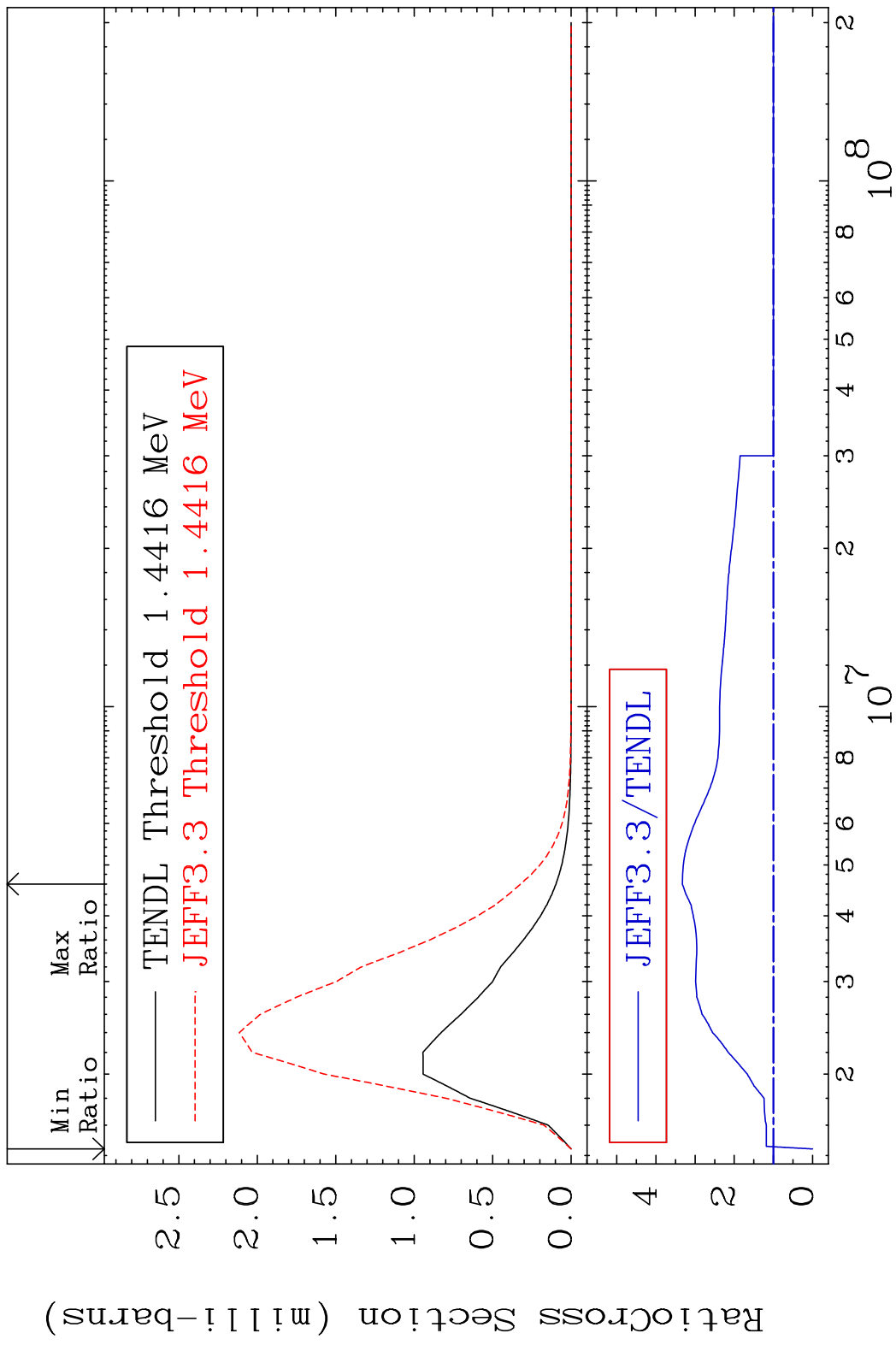
Incident Energy (eV)

68-Er-168

MAT 6843 MT= 71 (n, n') Level 68-Er-168
 Cross Section -100.0 To 94.43 %



MAT 6843 MT= 72 (n, n') Level 68-Er-168
 Cross Section -100.0 To 232.5 %

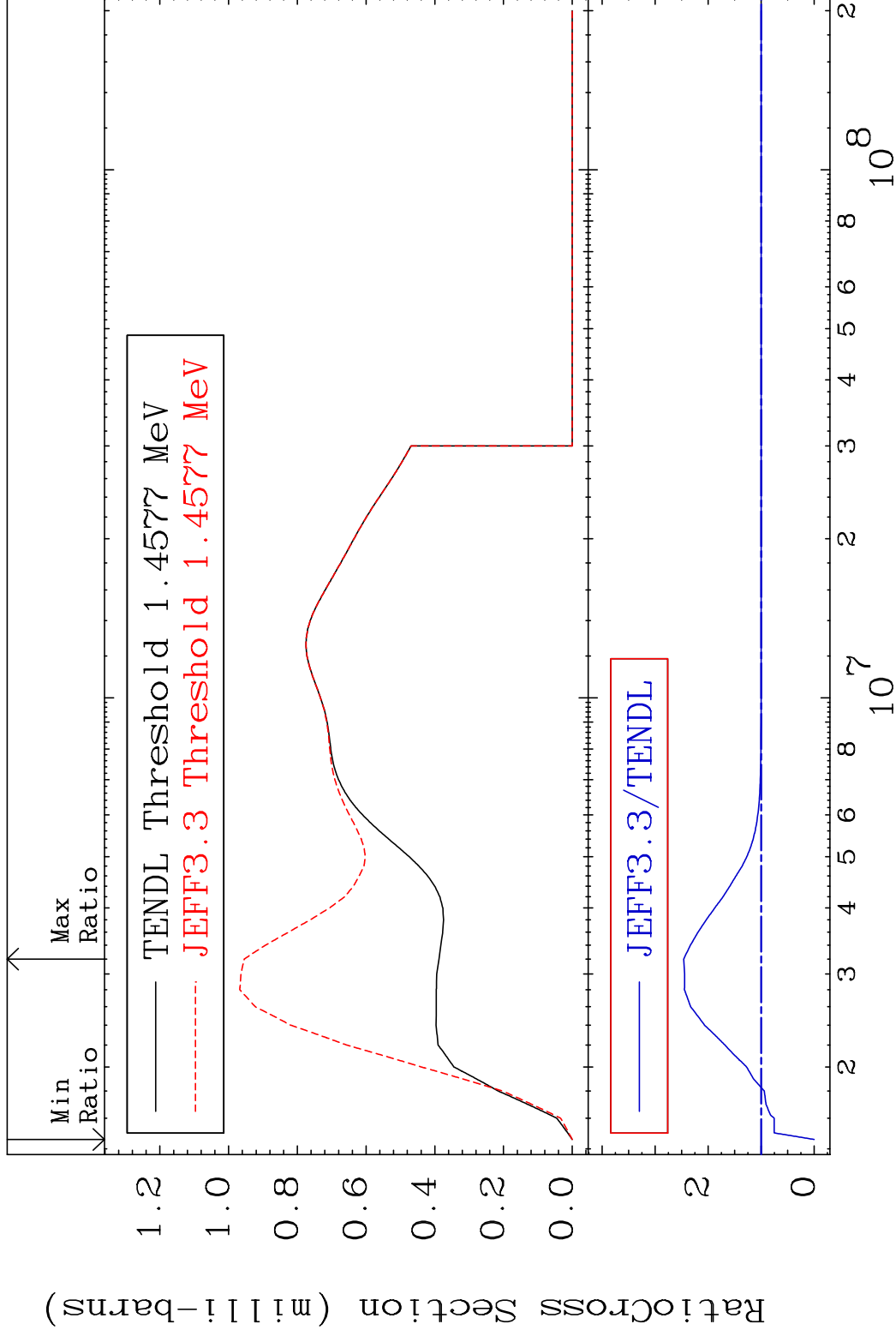


MAT 6843

MT= 73 (n, n') Level

68-Er-168

Cross Section -100.0 To 146.2 %

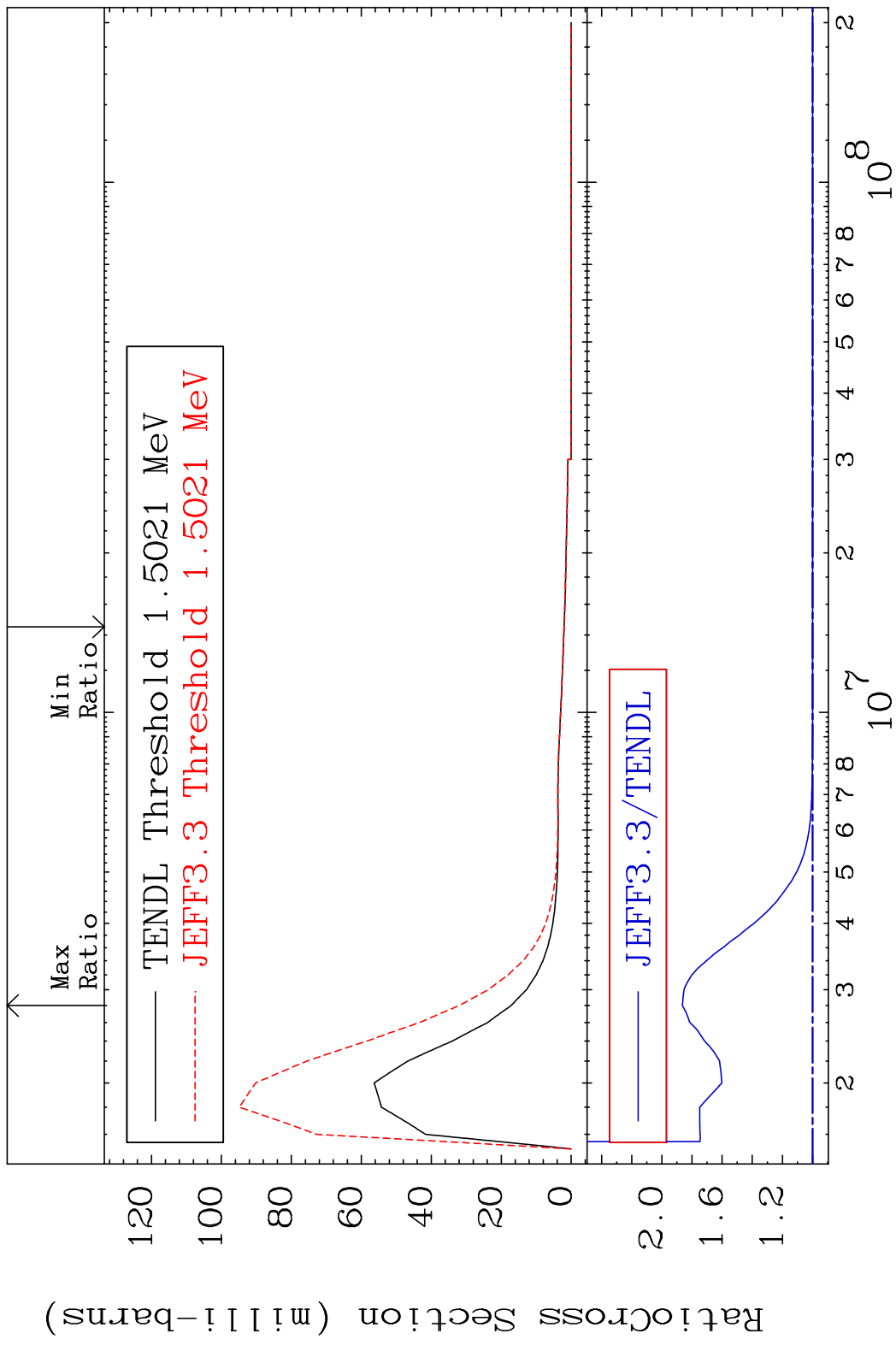


43

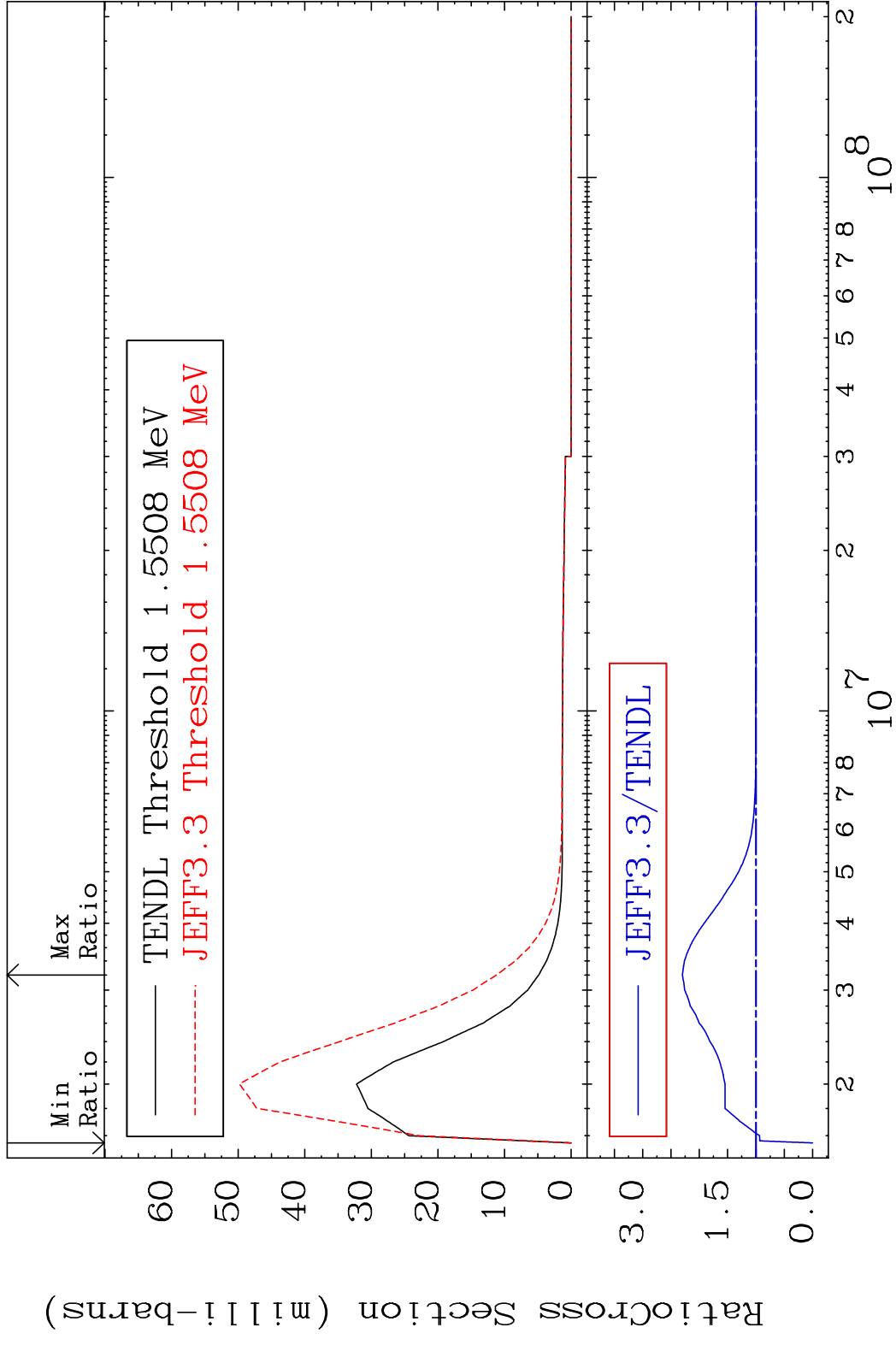
Incident Energy (eV)

68-Er-168

MAT 6843 MT= 74 (n,n') Level 68-Er-168
 Cross Section 0.000 To 86.40 %



MAT 6843 MT= 75 (n, n') Level 68-Er-168
 Cross Section -100.0 To 130.0 %

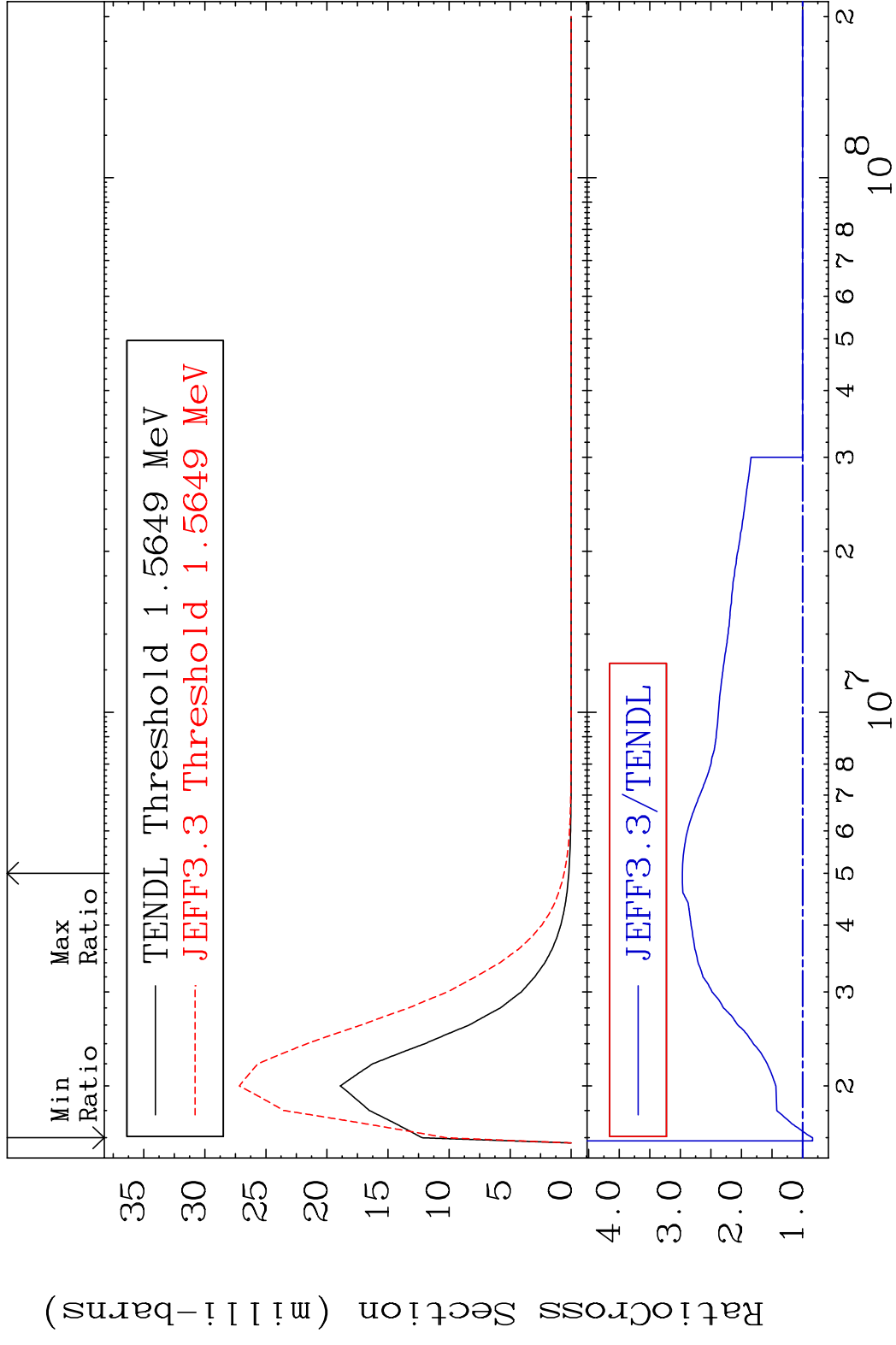


MAT 6843

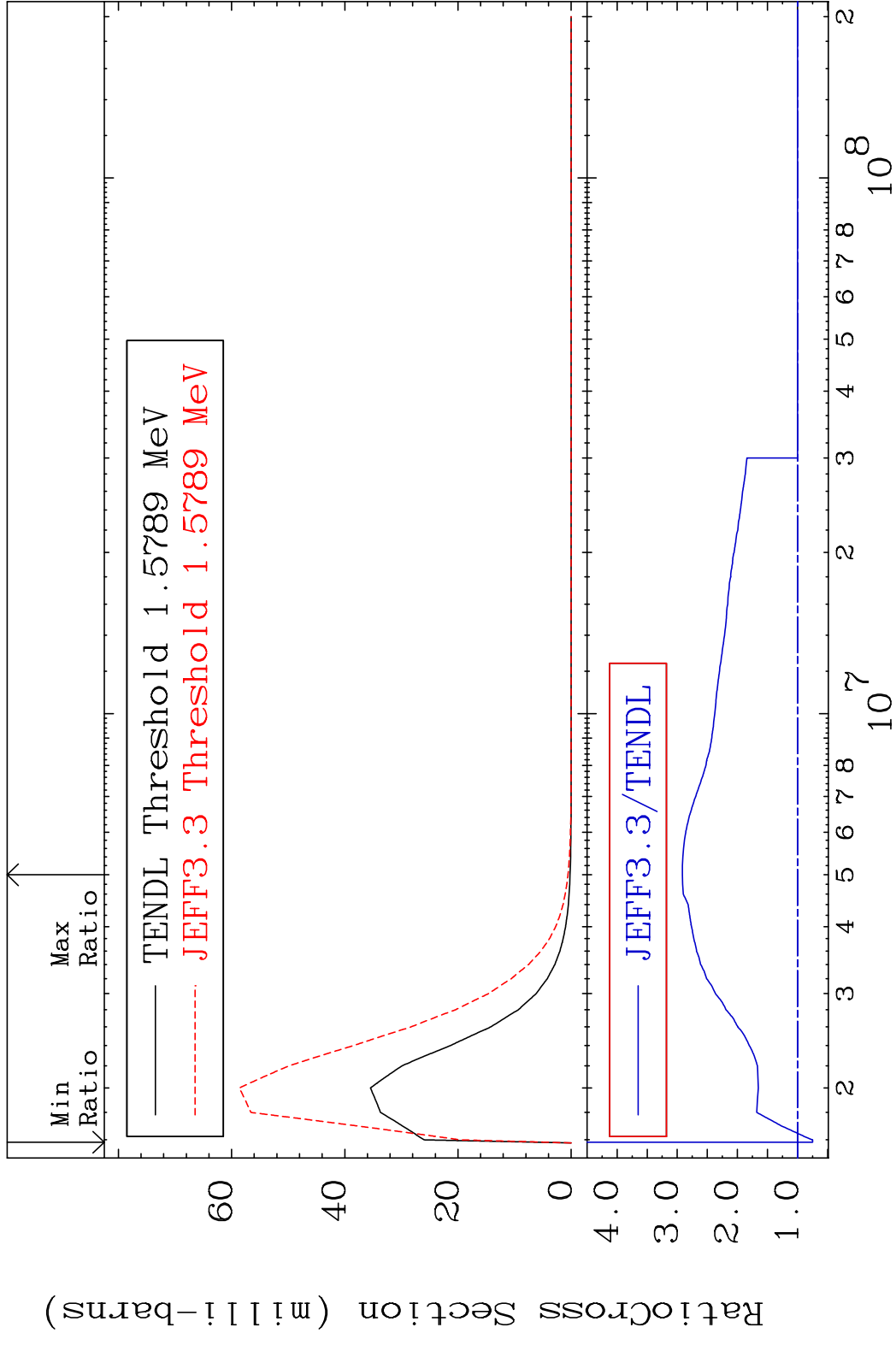
MT= 76 (n, n') Level

68-Er-168

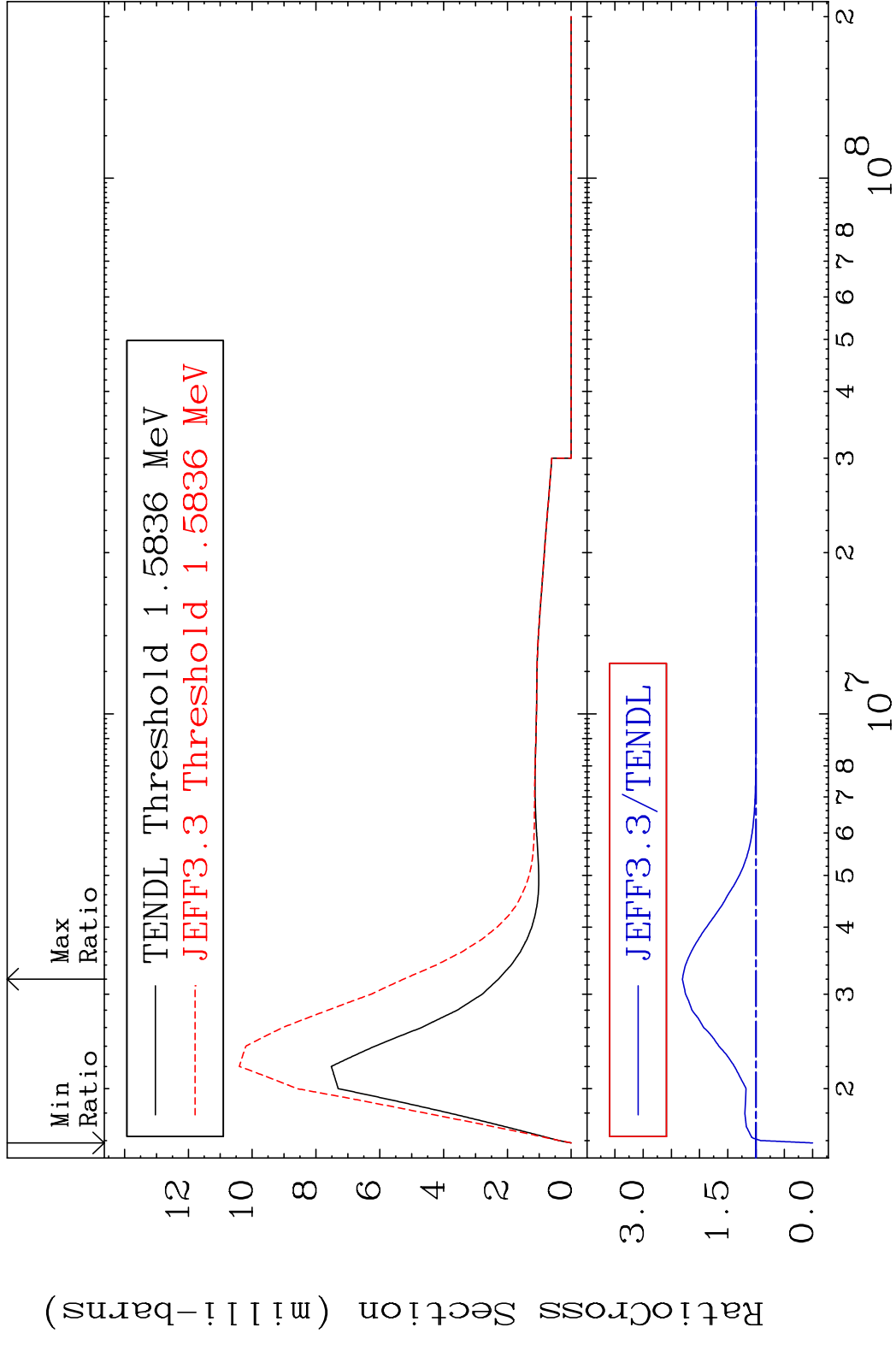
Cross Section -16.25 To 196.7 %



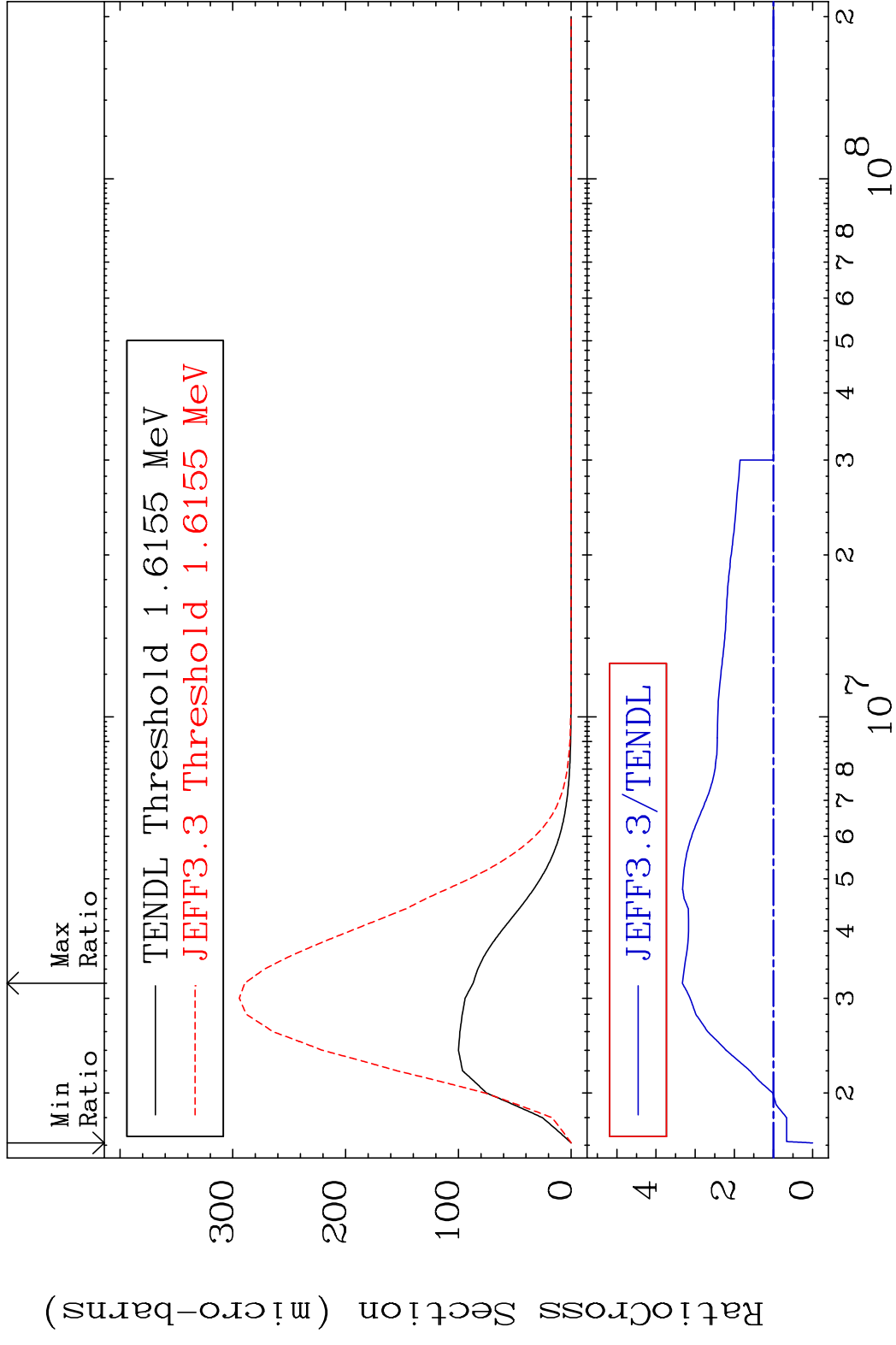
MAT 6843 MT= 77 (n, n') Level 68-Er-168
 Cross Section -24.89 To 191.5 %



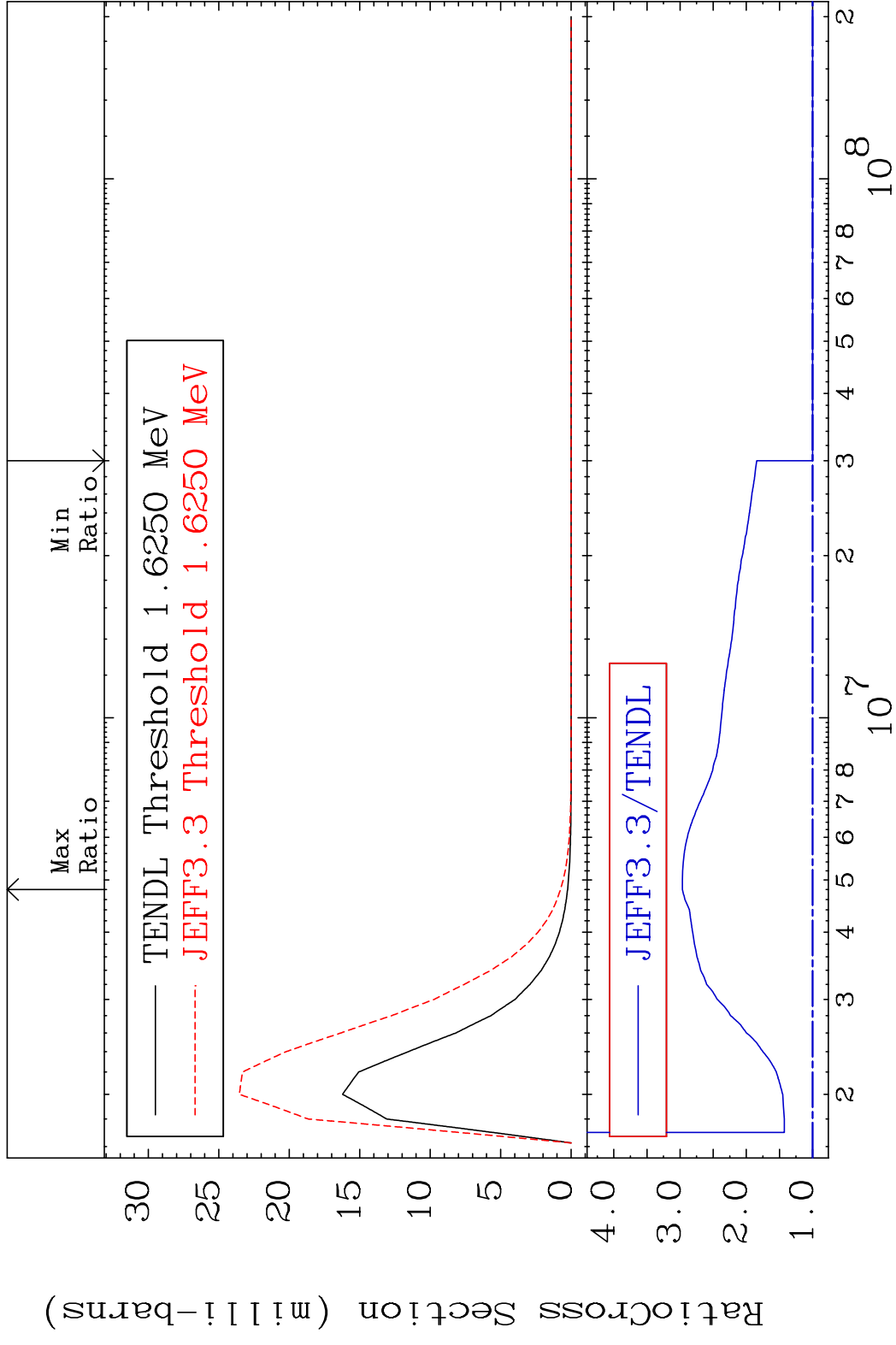
MAT 6843 MT= 78 (n, n') Level 68-Er-168
 Cross Section -100.0 To 130.5 %



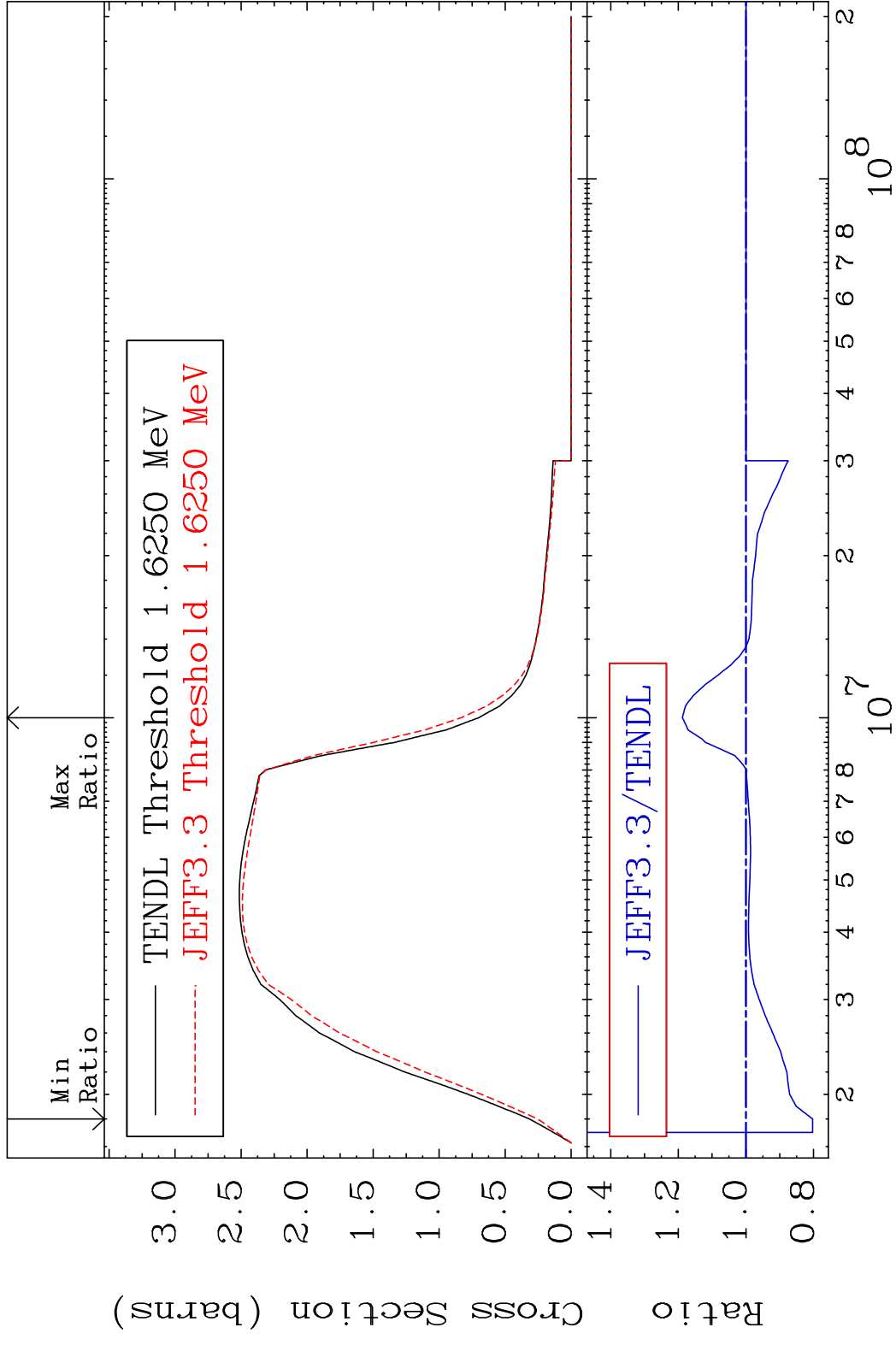
MAT 6843 MT= 79 (n, n') Level 68-Er-168
 Cross Section -100.0 To 232.7 %



MAT 6843 MT= 80 (n, n') Level 68-Er-168
 Cross Section 0.000 To 196.5 %



MAT 6843 (n,n') Continuum 68-Er-168
 Cross Section -19.72 To 18.80 %

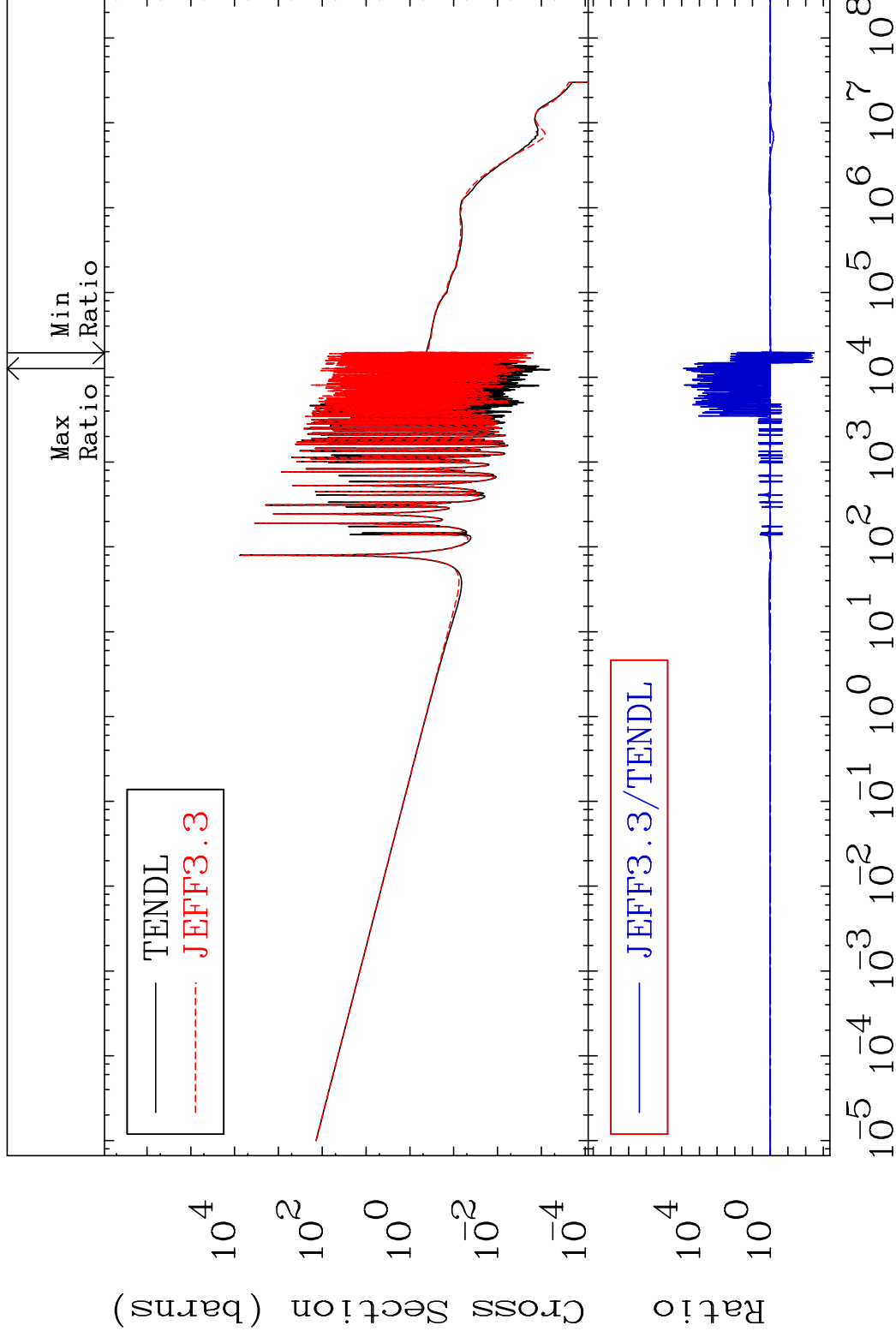


MAT 6843

(n, γ)

68-Er-168

Cross Section -99.67 To 9999. %



52

Incident Energy (eV)

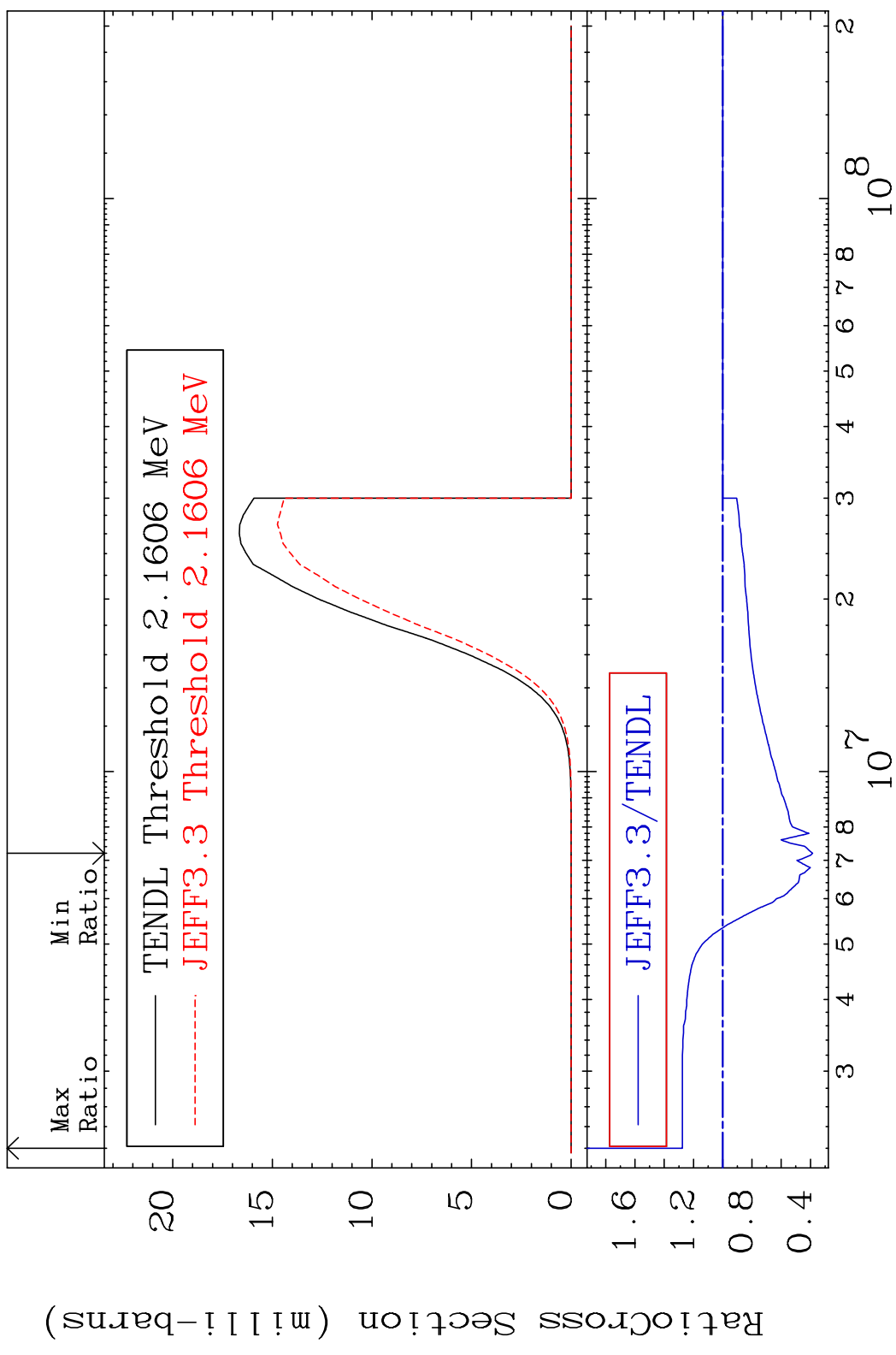
68-Er-168

MAT 6843

(n, p)

68-Er-168

Cross Section -61.44 To 27.61 %

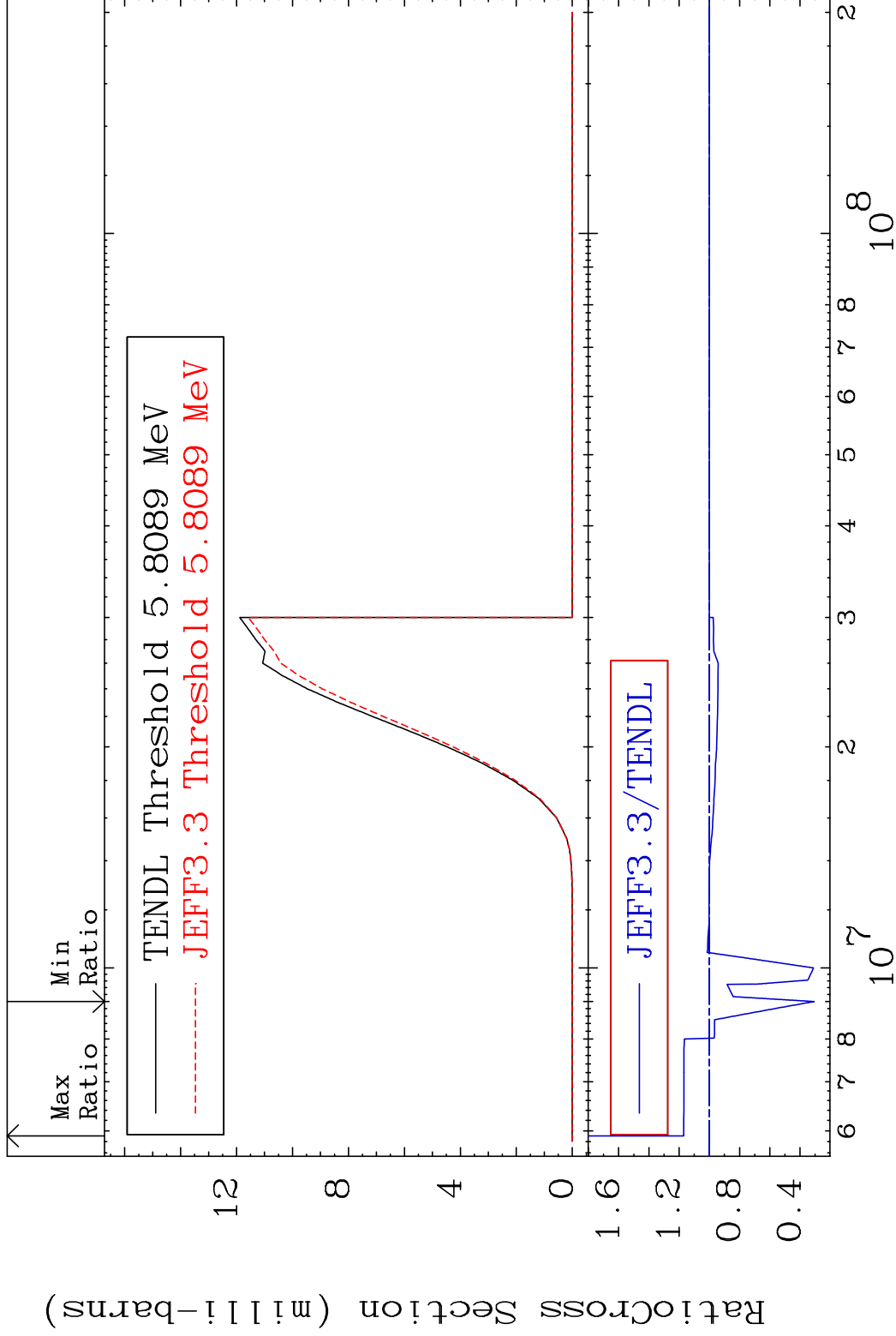


MAT 6843

(n,d)

68-Er-168

Cross Section -69.30 To 17.00 %

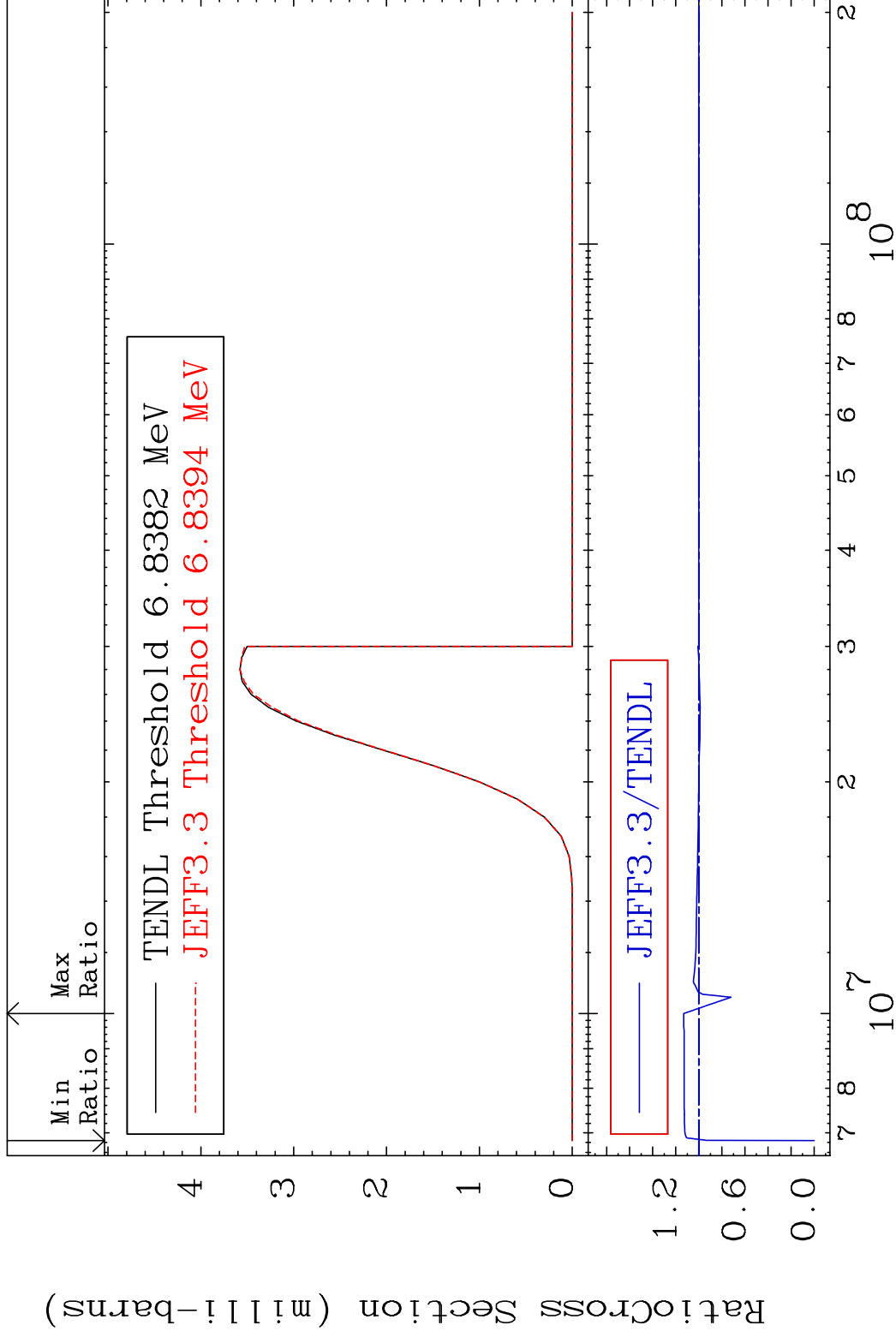


MAT 6843

(n, t)

68-Er-168

Cross Section -100.0 To 13.15 %



55

Incident Energy (eV)

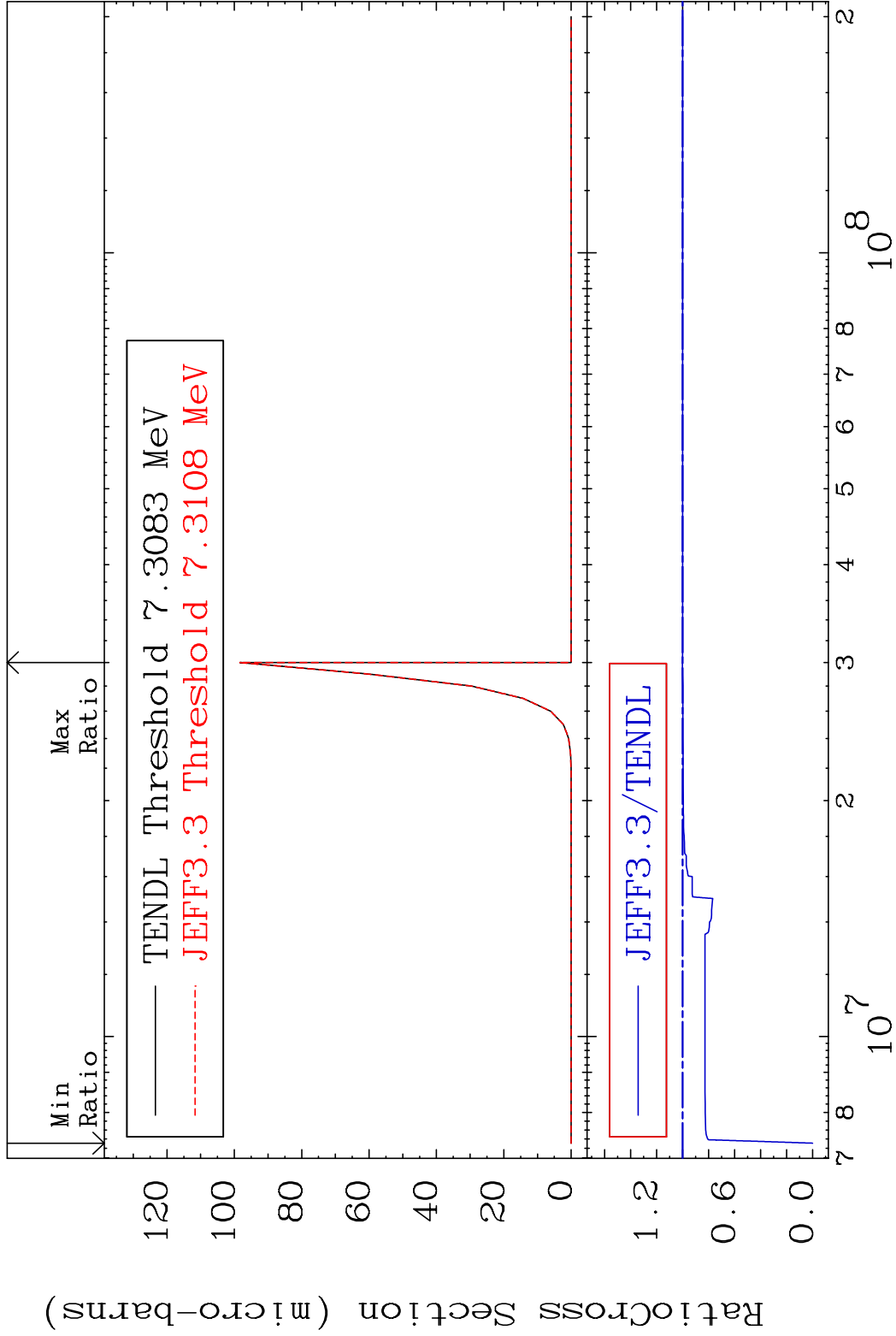
68-Er-168

MAT 6843

(n, He-3)

68-Er-168

Cross Section -100.0 To 0.207 %



56

Incident Energy (eV)

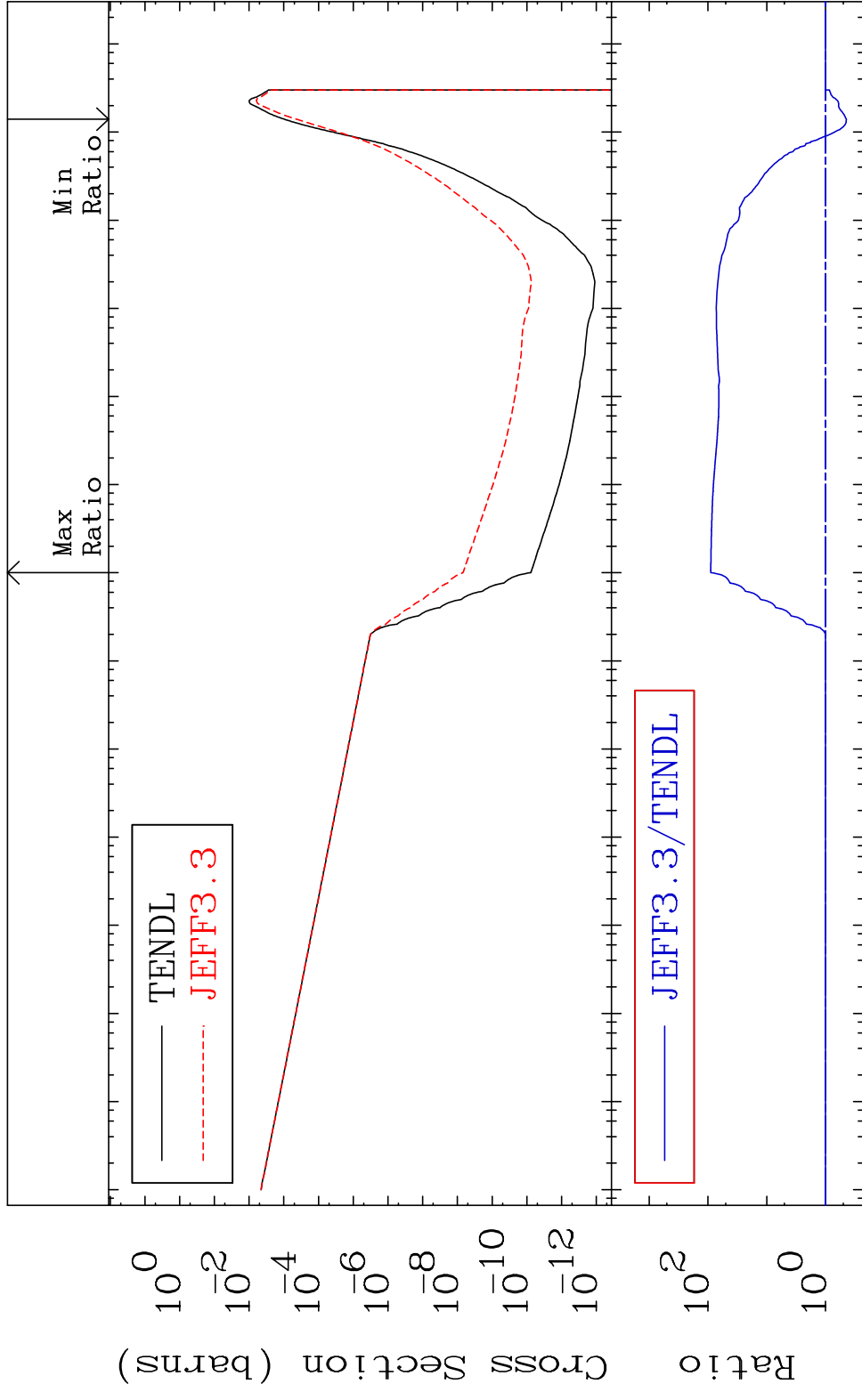
68-Er-168

MAT 6843

68-Er-168

(n, α)

Cross Section -55.80 To 8859. %

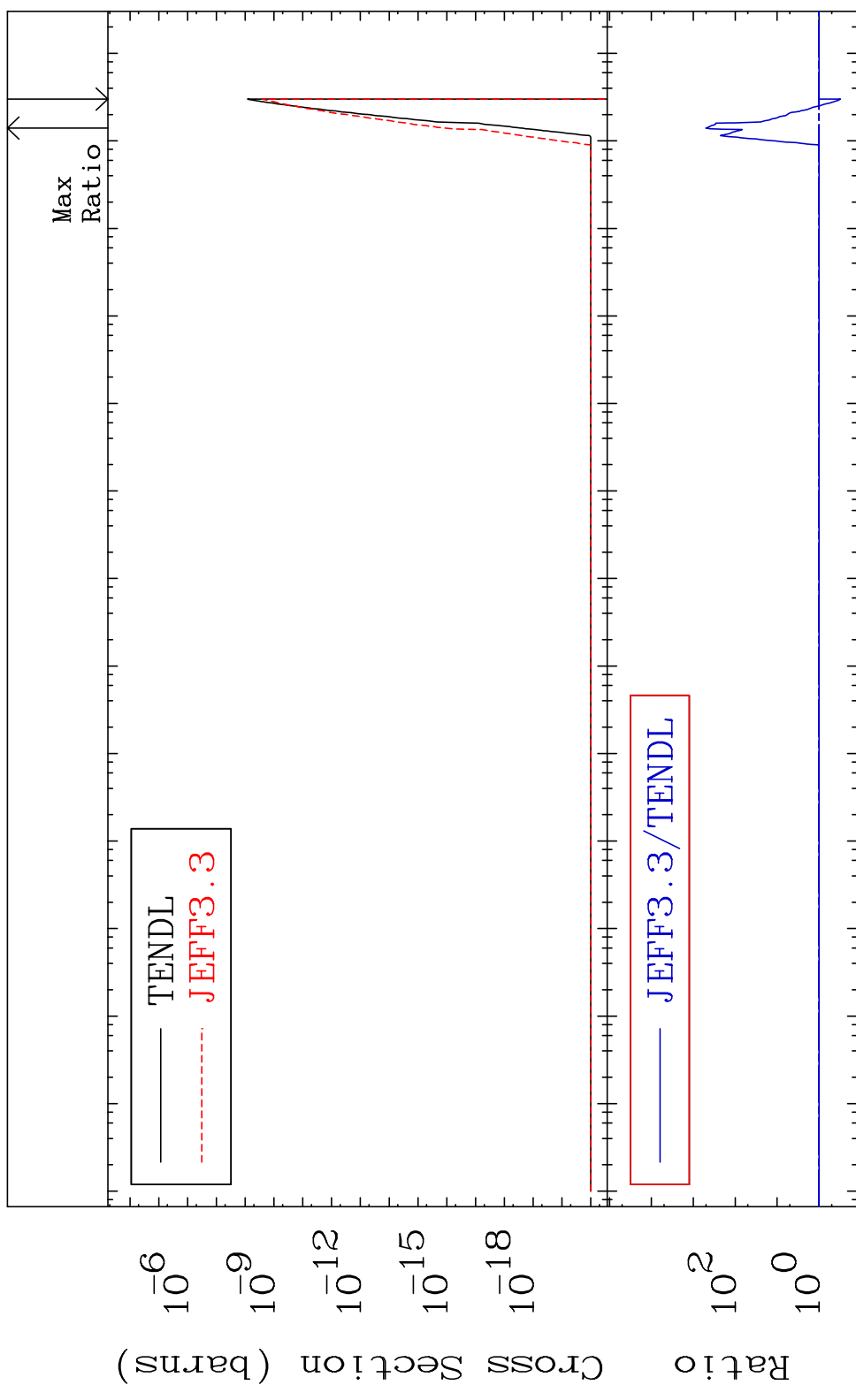


MAT 6843

(n, 2α)

68-Er-168

Cross Section -69.15 To 9999. %

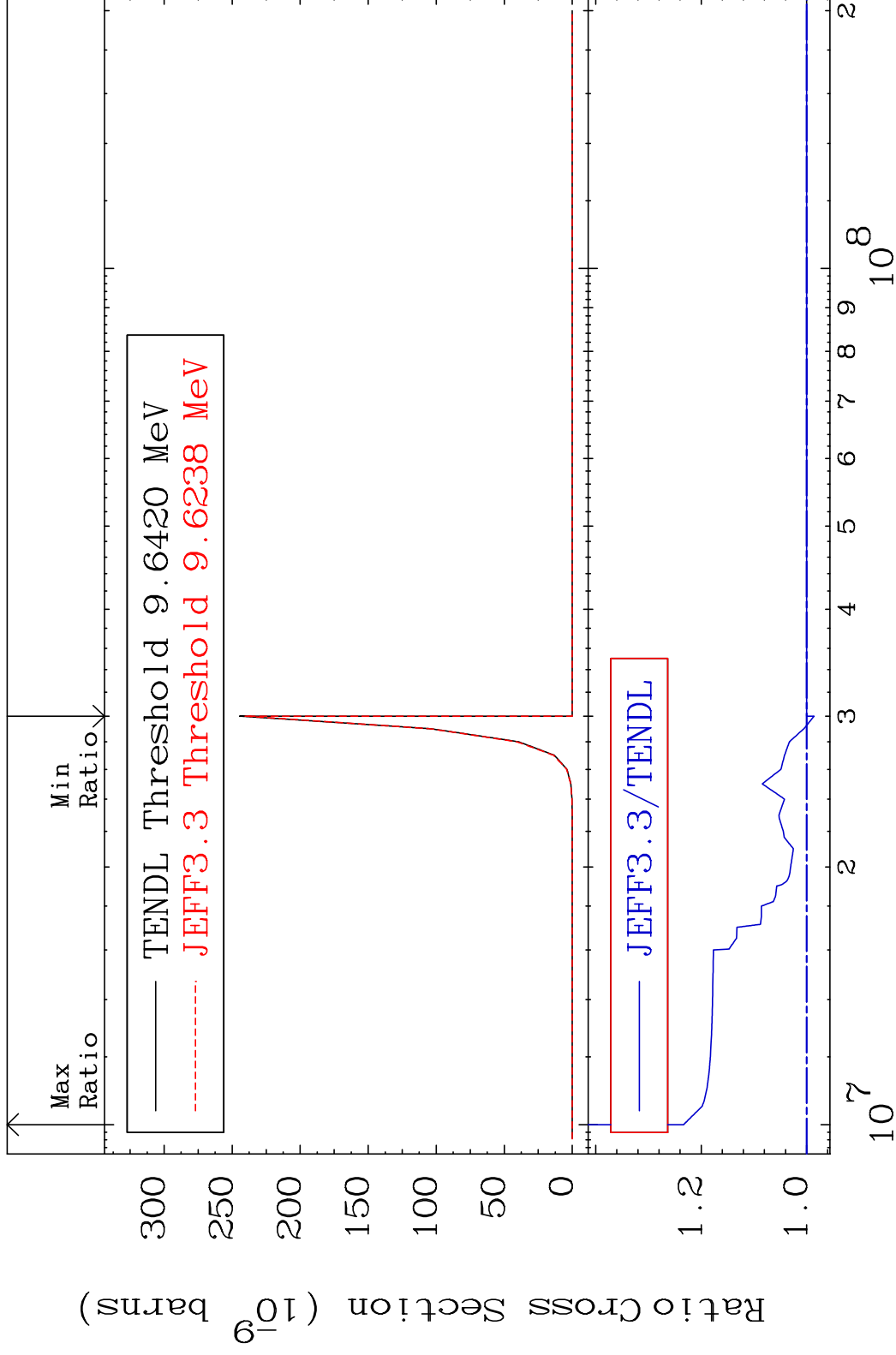


MAT 6843

(n,2p)

68-Er-168

Cross Section -1.419 To 23.33 %



59

Incident Energy (eV)

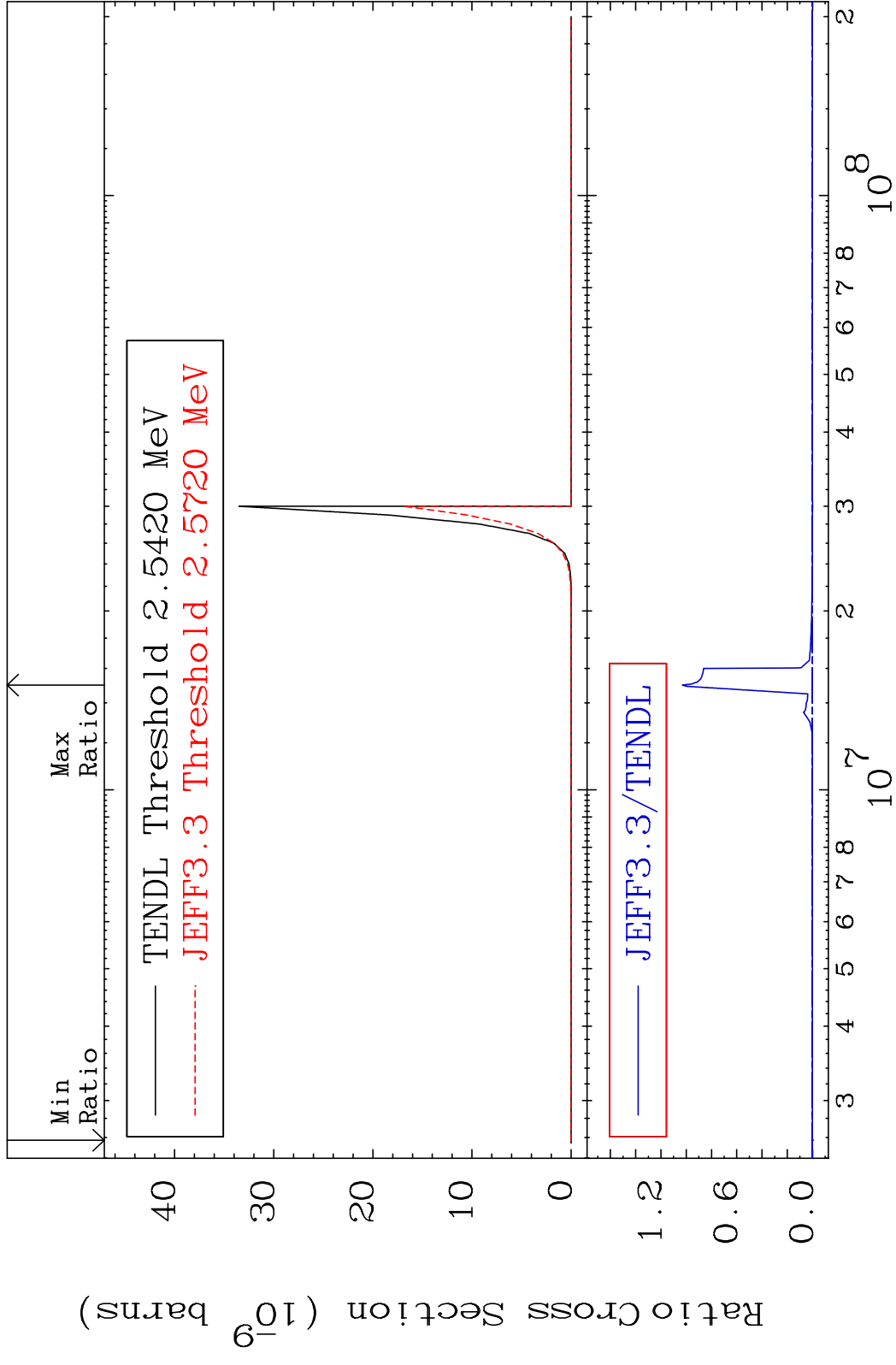
68-Er-168

MAT 6843

(n,p) α

68-Er-168

Cross Section -100.0 To 9999. %



60

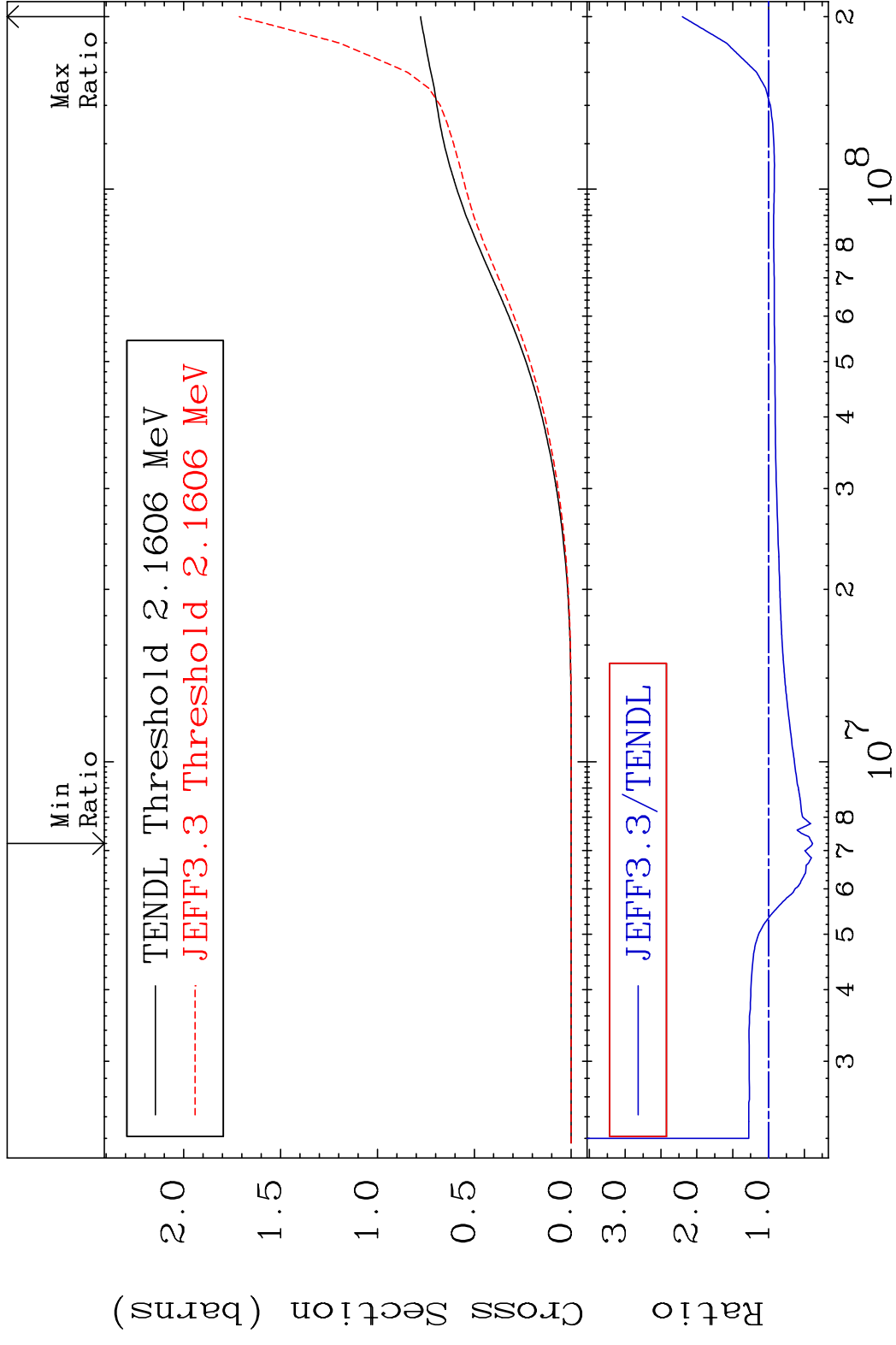
Incident Energy (eV)

68-Er-168

MAT 6843

Hydrogen Production
Cross Section -61.44 To 120.2 %

68-Er-168



61

Incident Energy (eV)

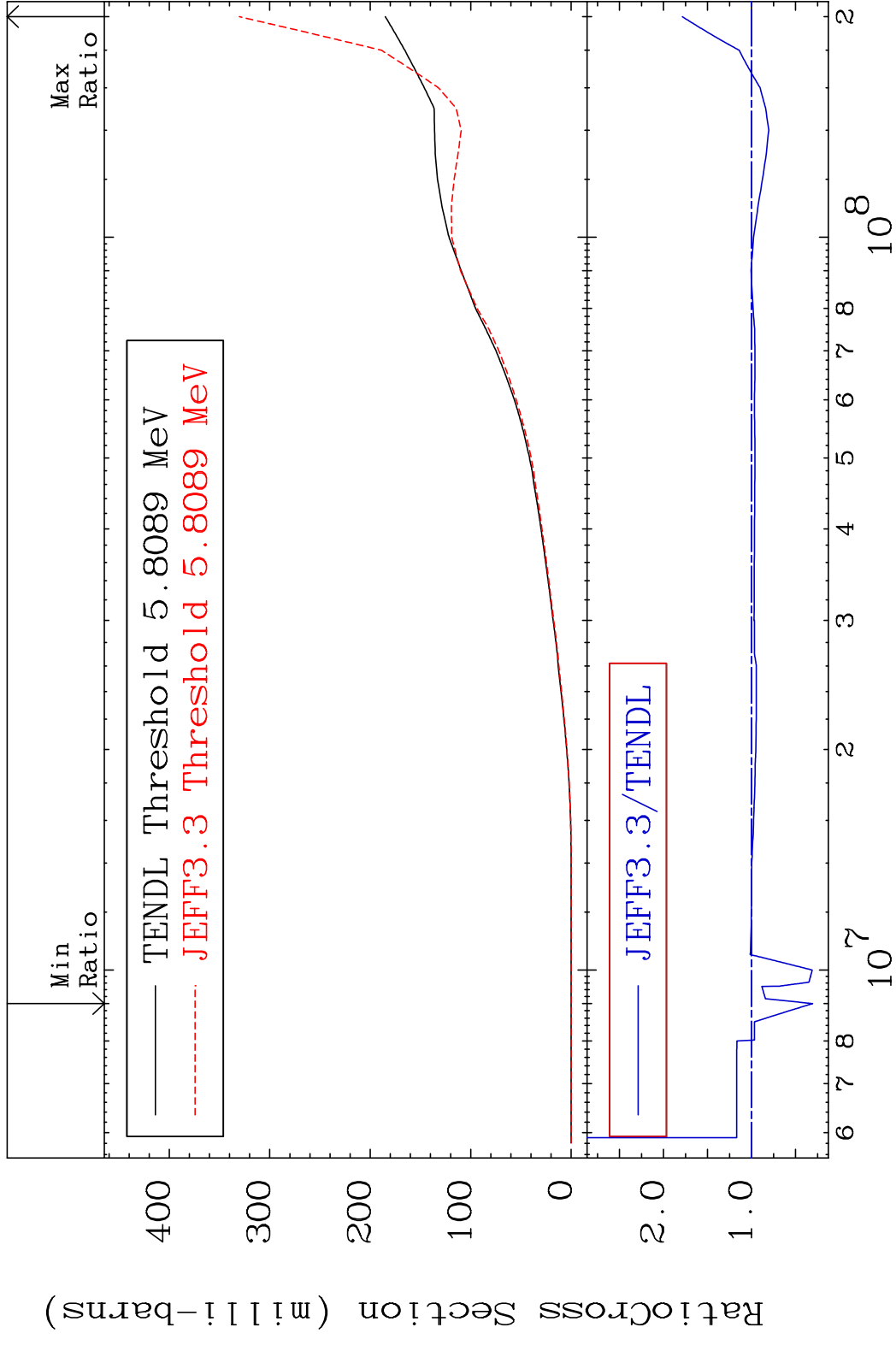
68-Er-168

MAT 6843

Deuterium Production

68-Er-168

Cross Section -69.30 To 78.60 %



62

Incident Energy (eV)

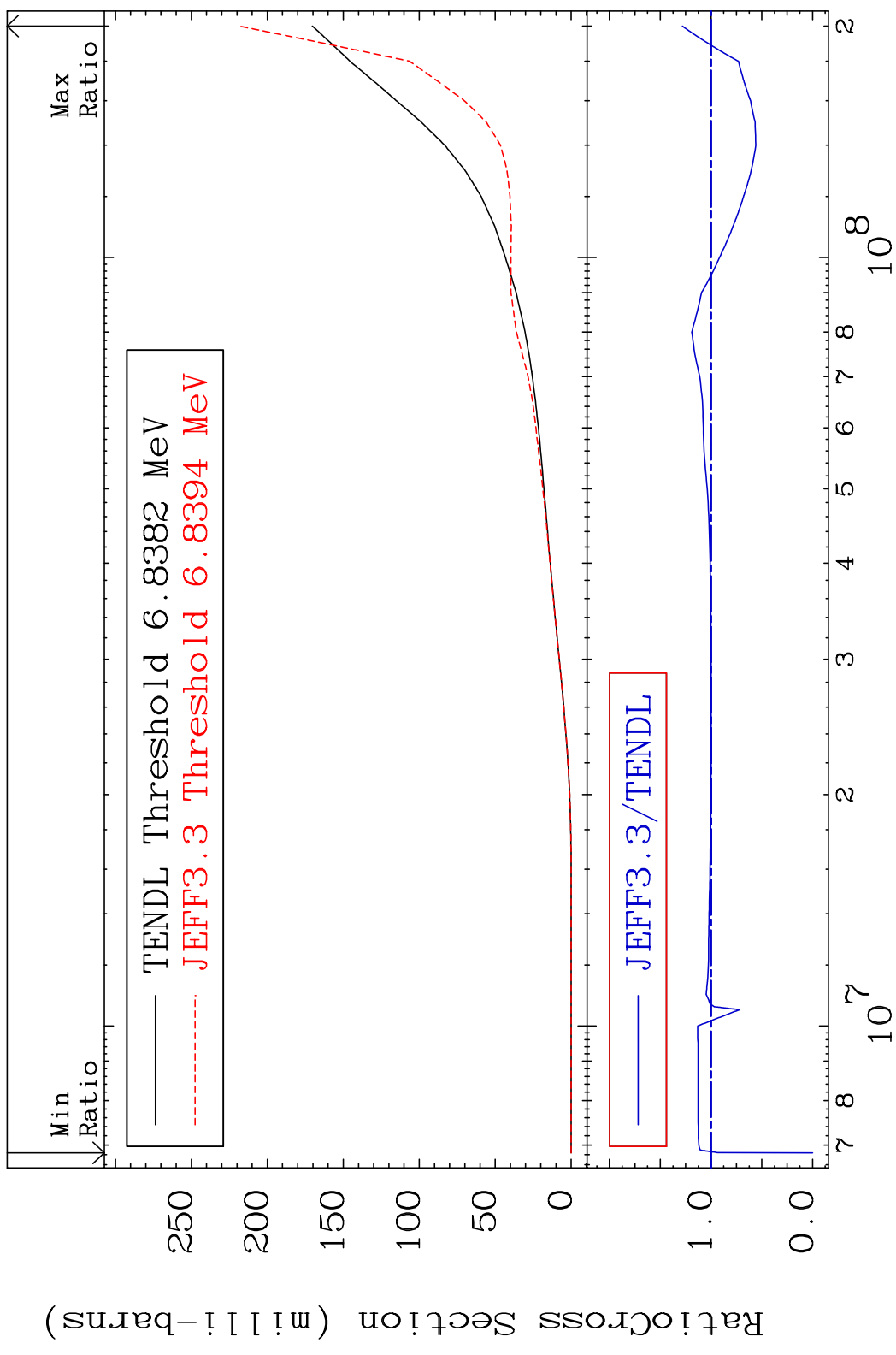
68-Er-168

MAT 6843

Tritium Production

68-Er-168

Cross Section -100.0 To 28.24 %

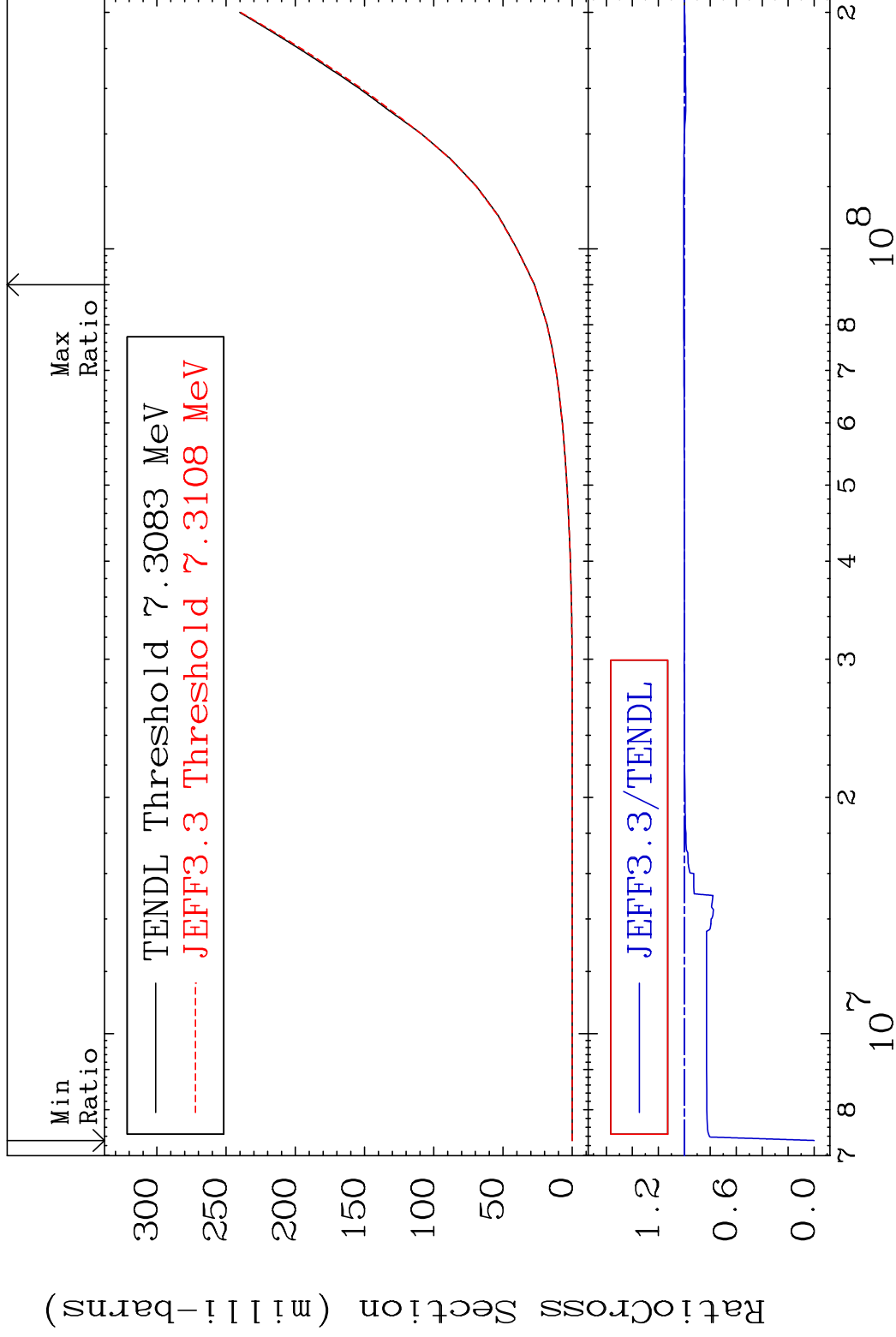


MAT 6843

He-3 Production

68-Er-168

Cross Section -100.0 To 0.499 %



64

Incident Energy (eV)

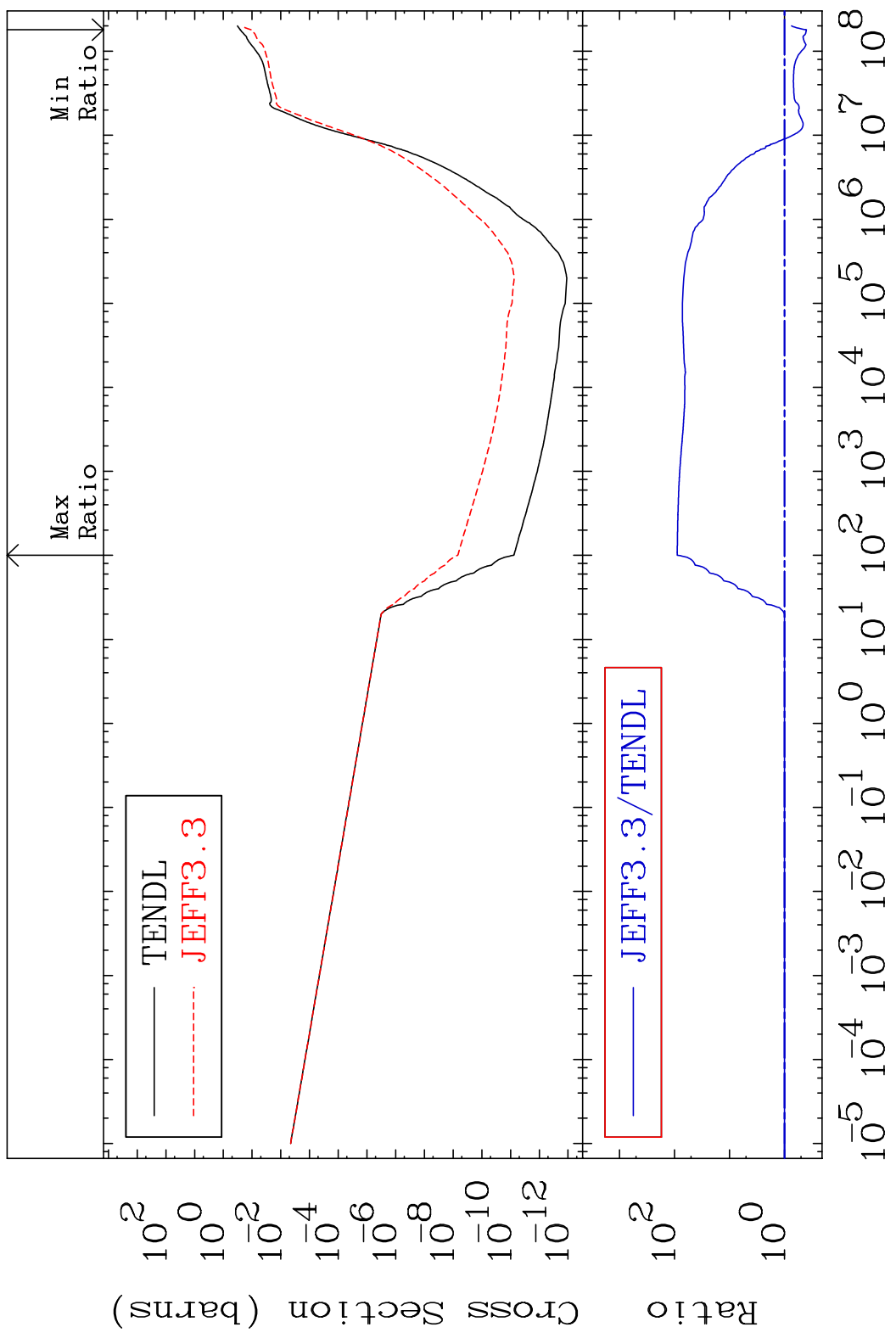
68-Er-168

MAT 6843

He-4 Production

68-Er-168

Cross Section -60.05 To 8859. %

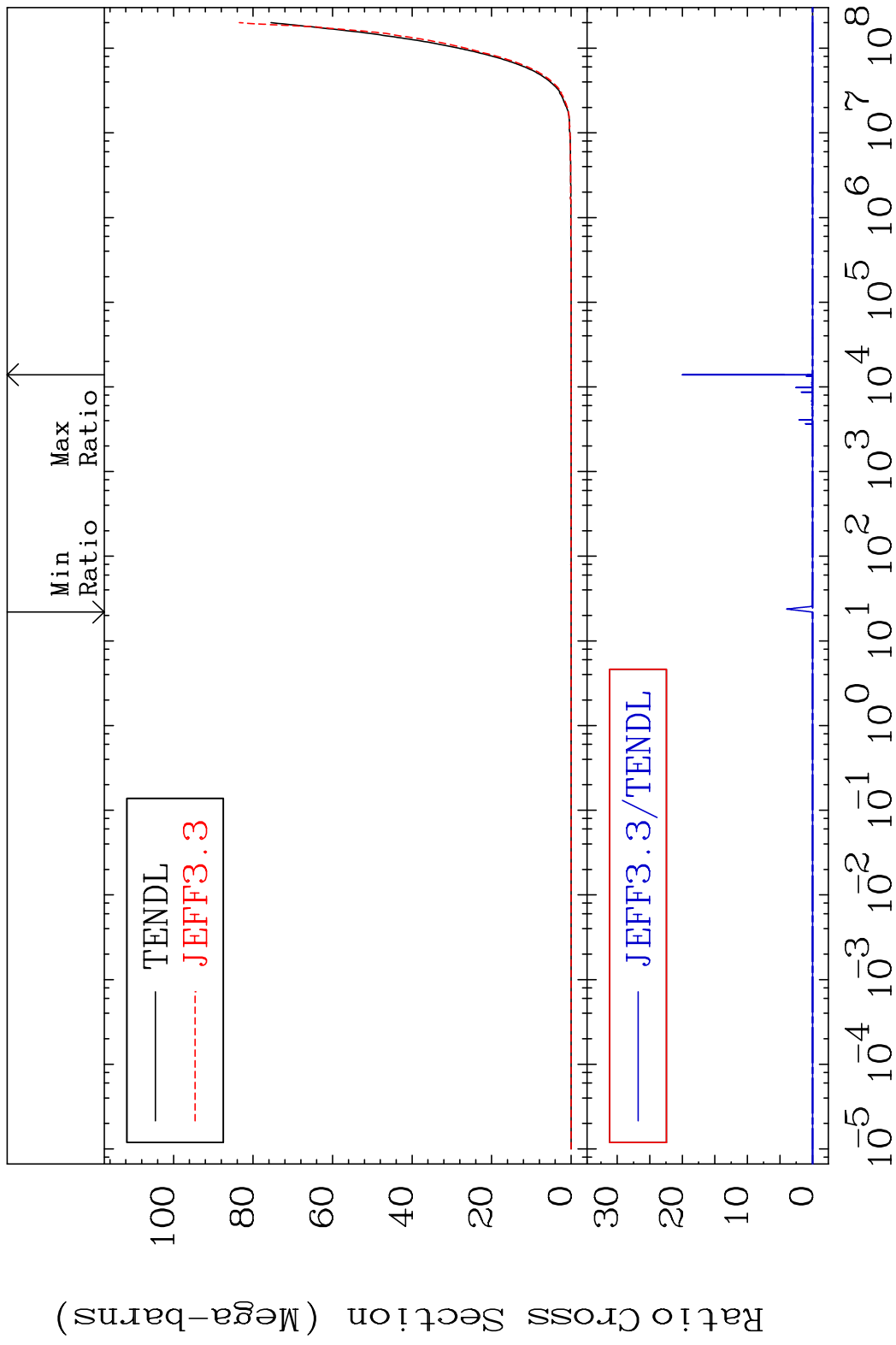


65

Incident Energy (eV)

68-Er-168

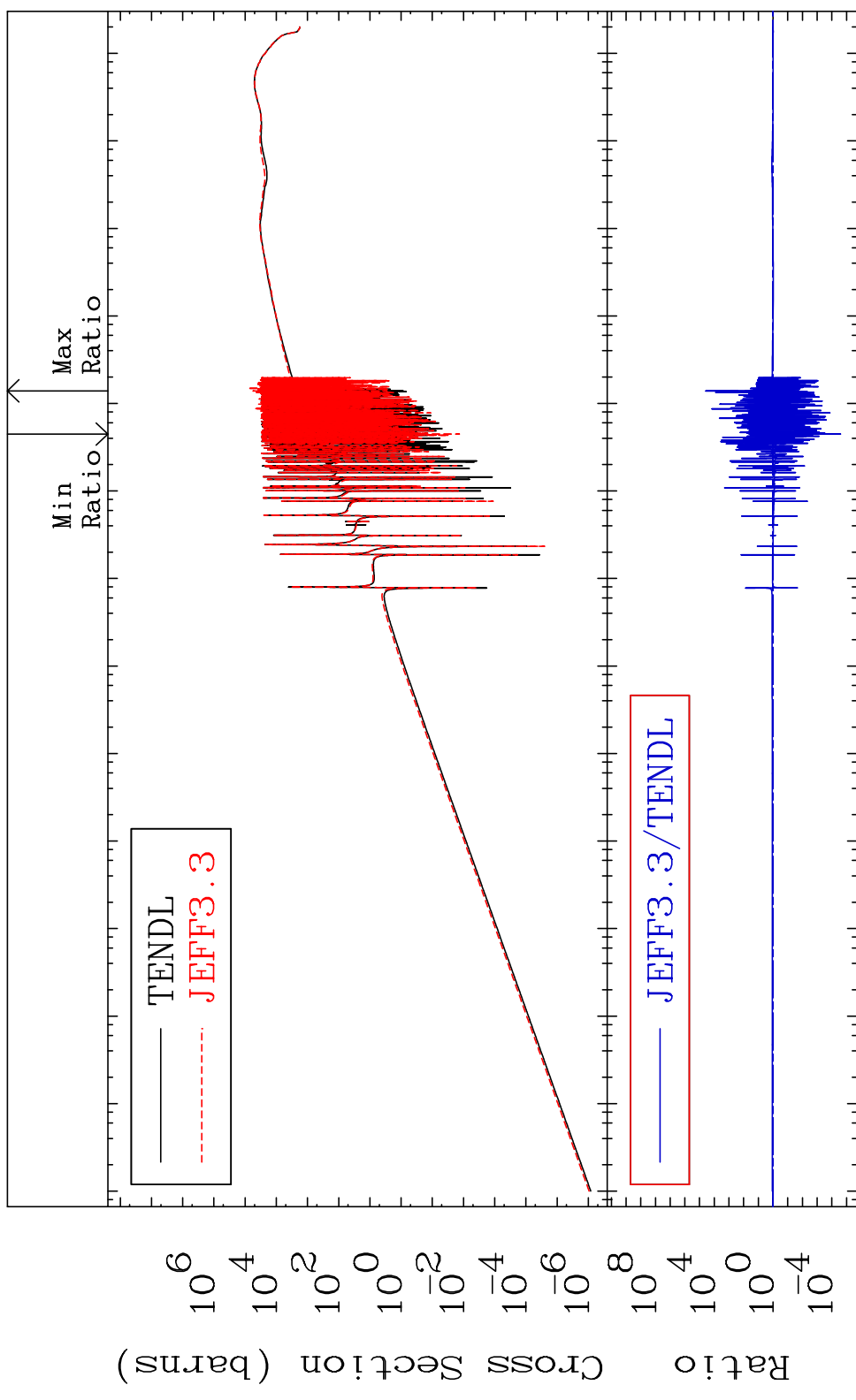
MAT 6843 Kerma total (eV-barns) 68-Er-168
 Cross Section -944.9 To 9999. %



66 Incident Energy (eV) 68-Er-168

MAT 6843

Kerma elastic Cross Section -100.0 To 9999. %
68-Er-168

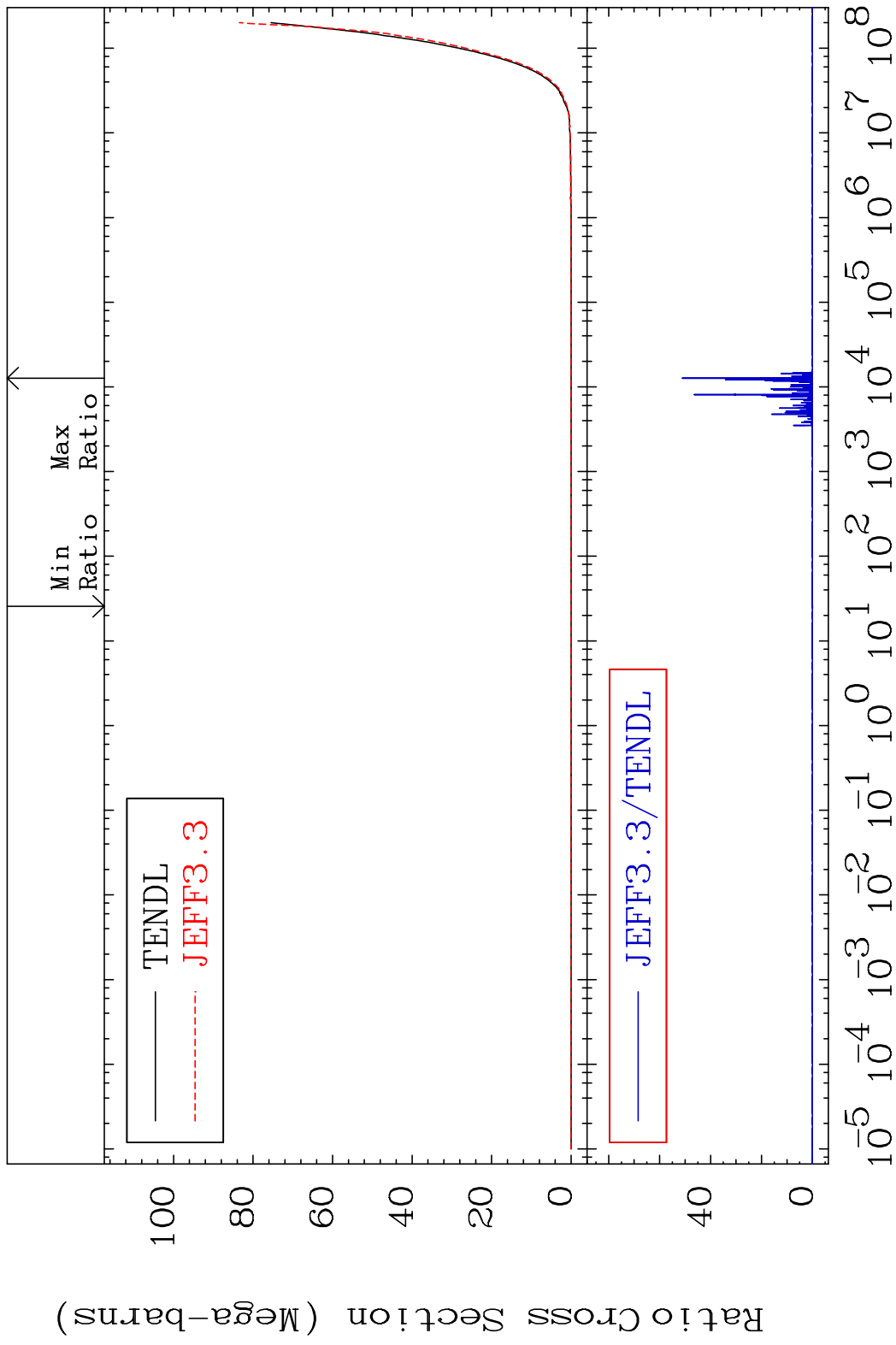


67

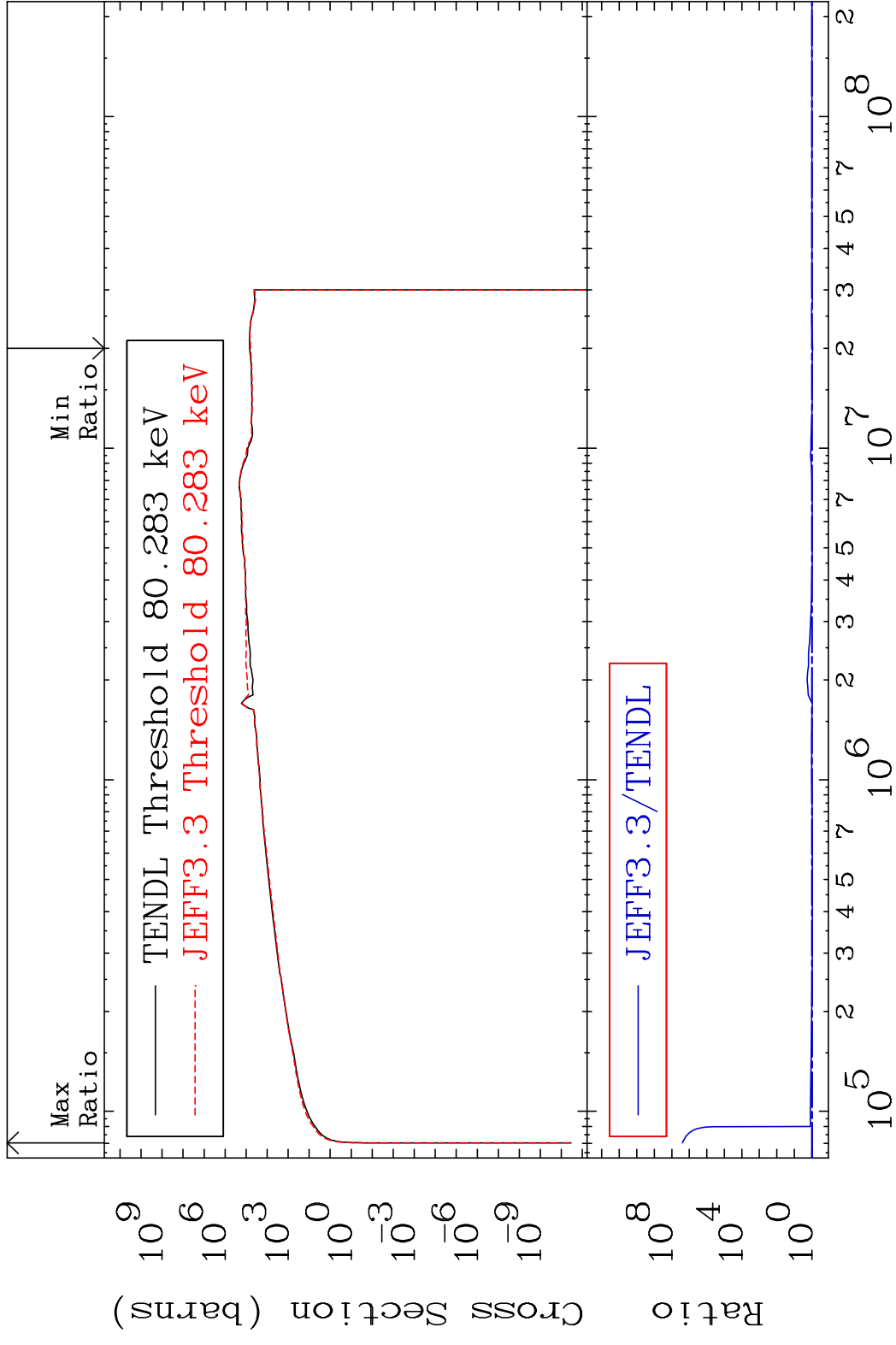
Incident Energy (eV)

68-Er-168

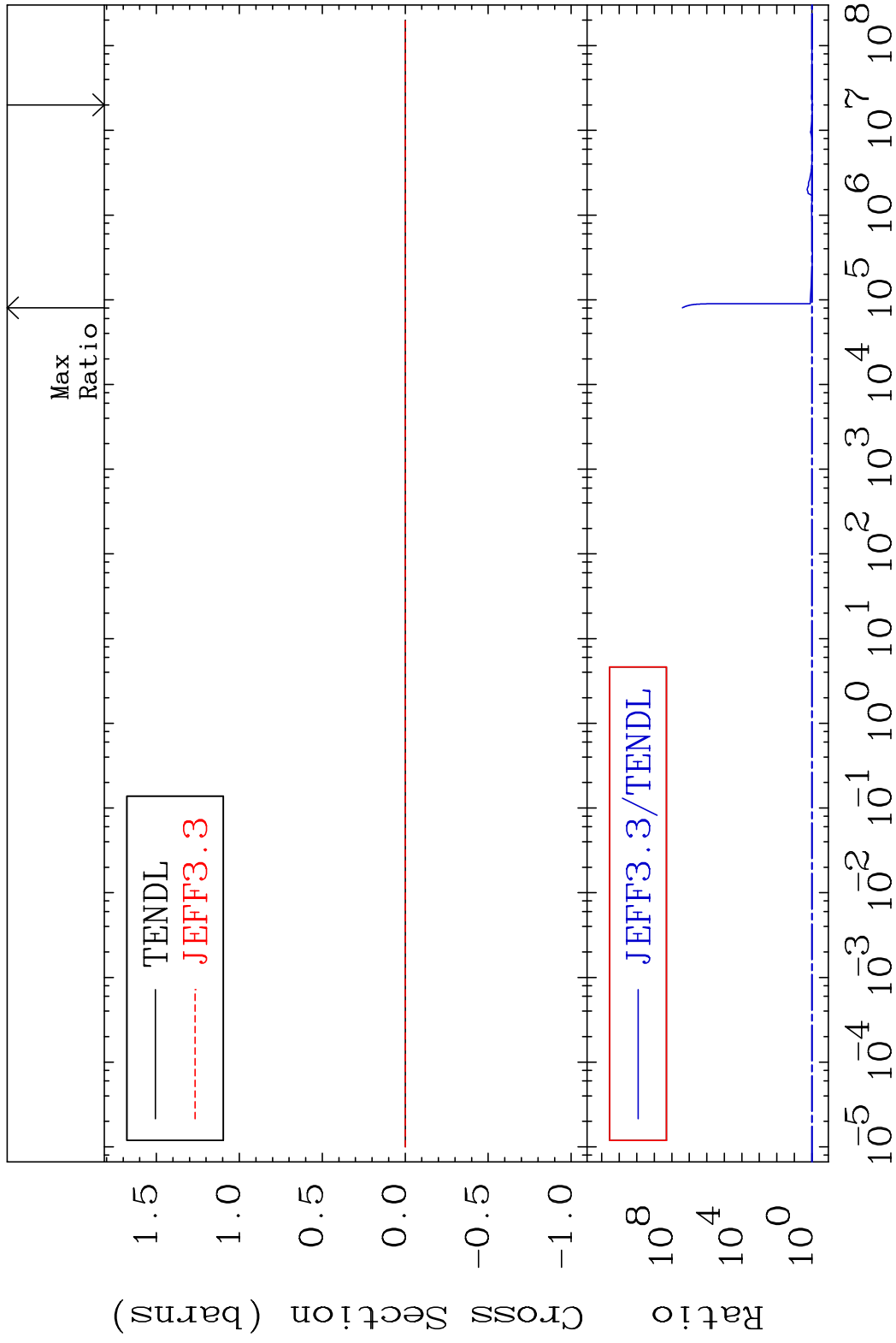
MAT 6843 Kerma non-elastic (all but mt2) 68-Er-168
Cross Section -5352. To 9999. %



MAT 6843 Kerma inelastic (mt51-91) 68-Er-168
 Cross Section -8.574 To 9999. %



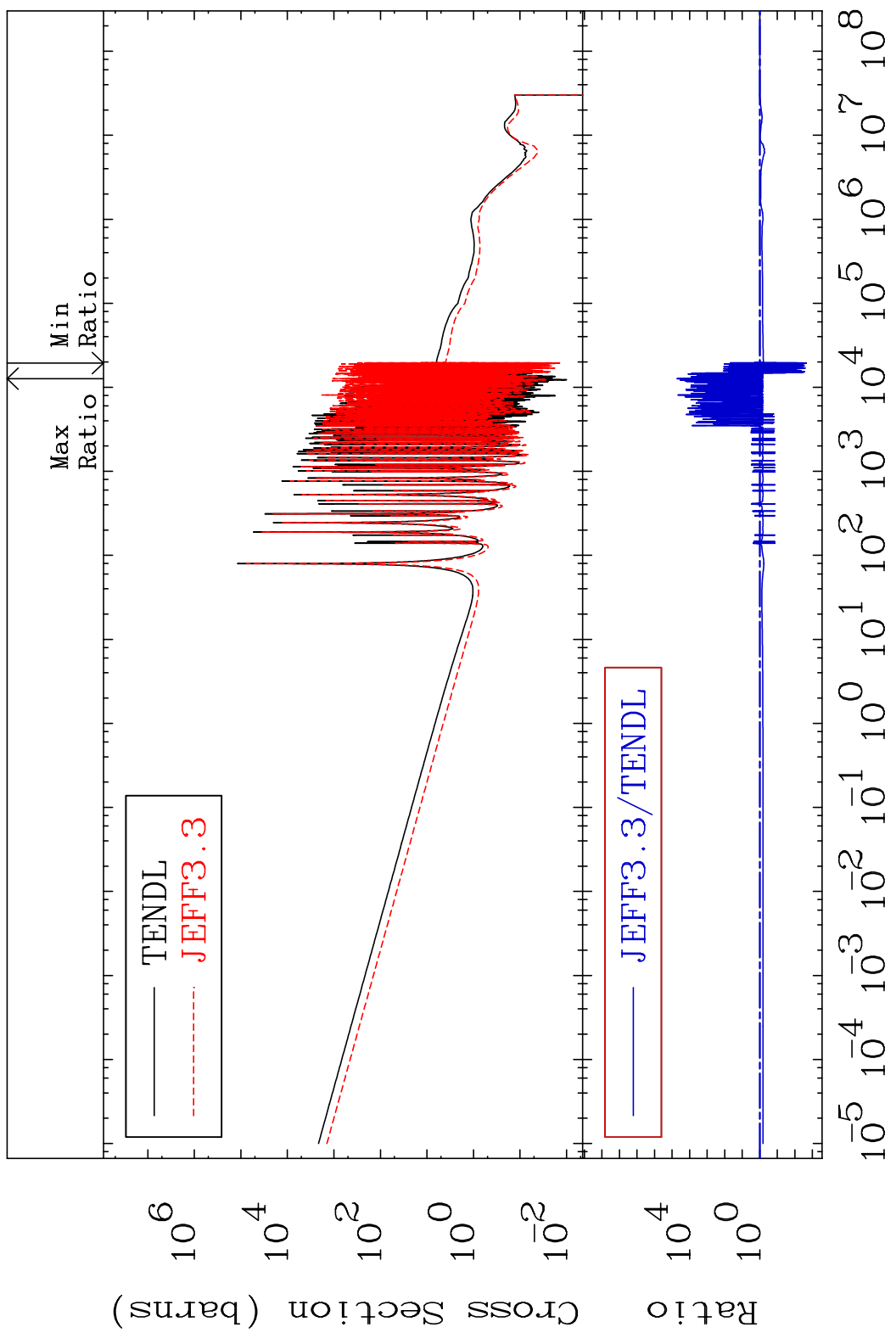
MAT 6843 Kerma fission (mt18 or mt19-20-21-38) 68-Er-168
 Cross Section -8.574 To 9999. %



70 Incident Energy (eV) 68-Er-168

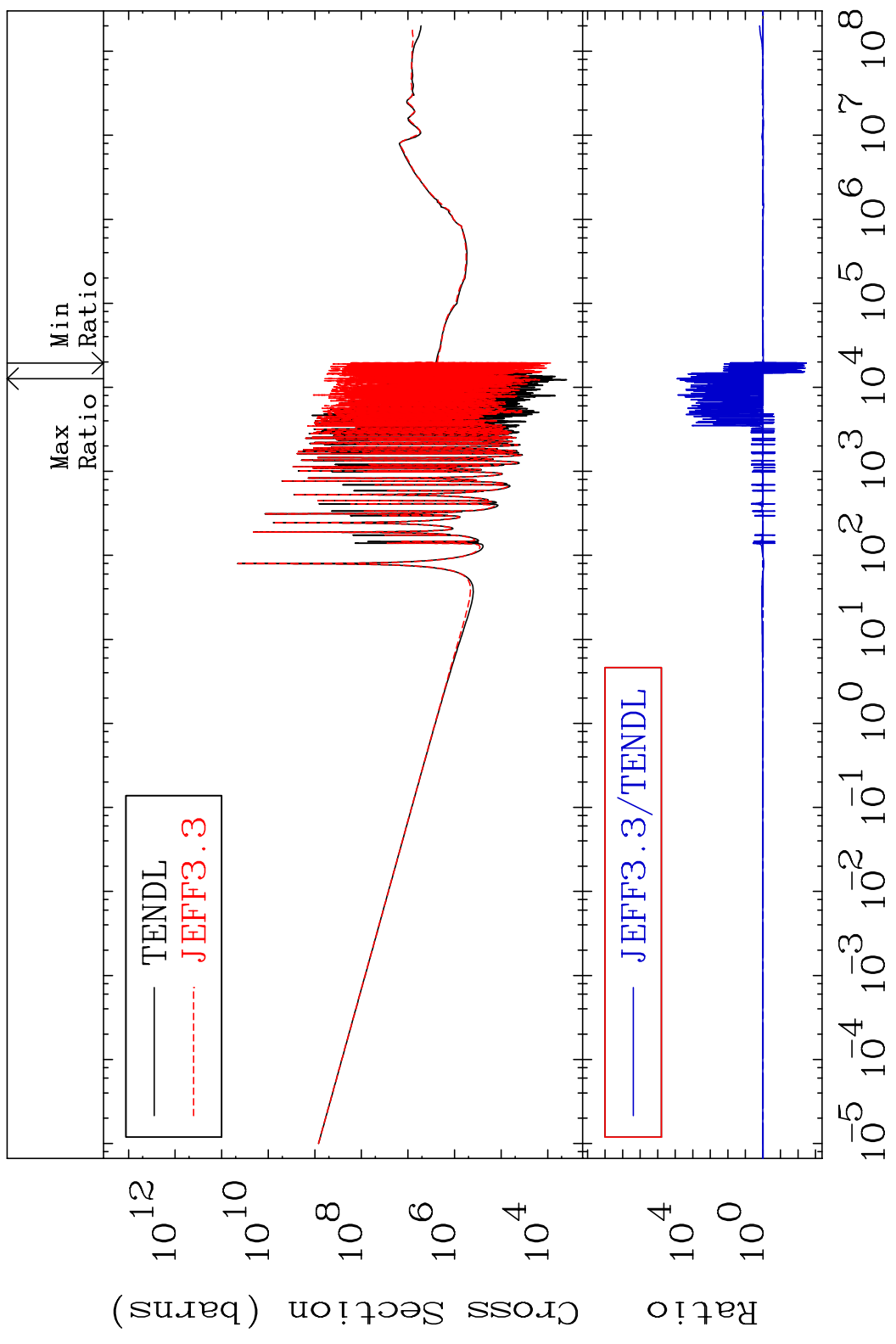
MAT 6843

Kerma capture (mt102) 68-Er-168
Cross Section -99.78 To 9999. %

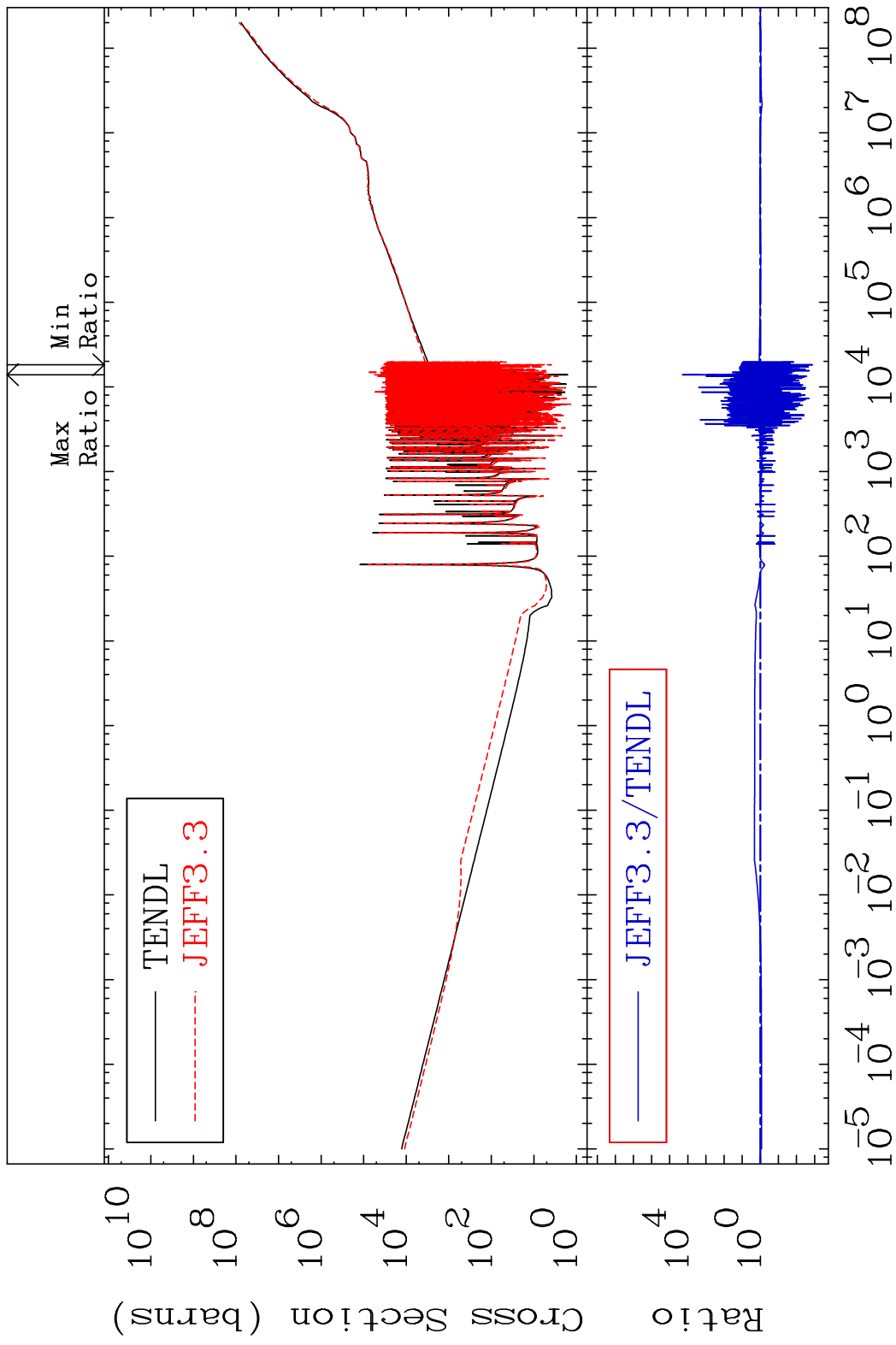


MAT 6843

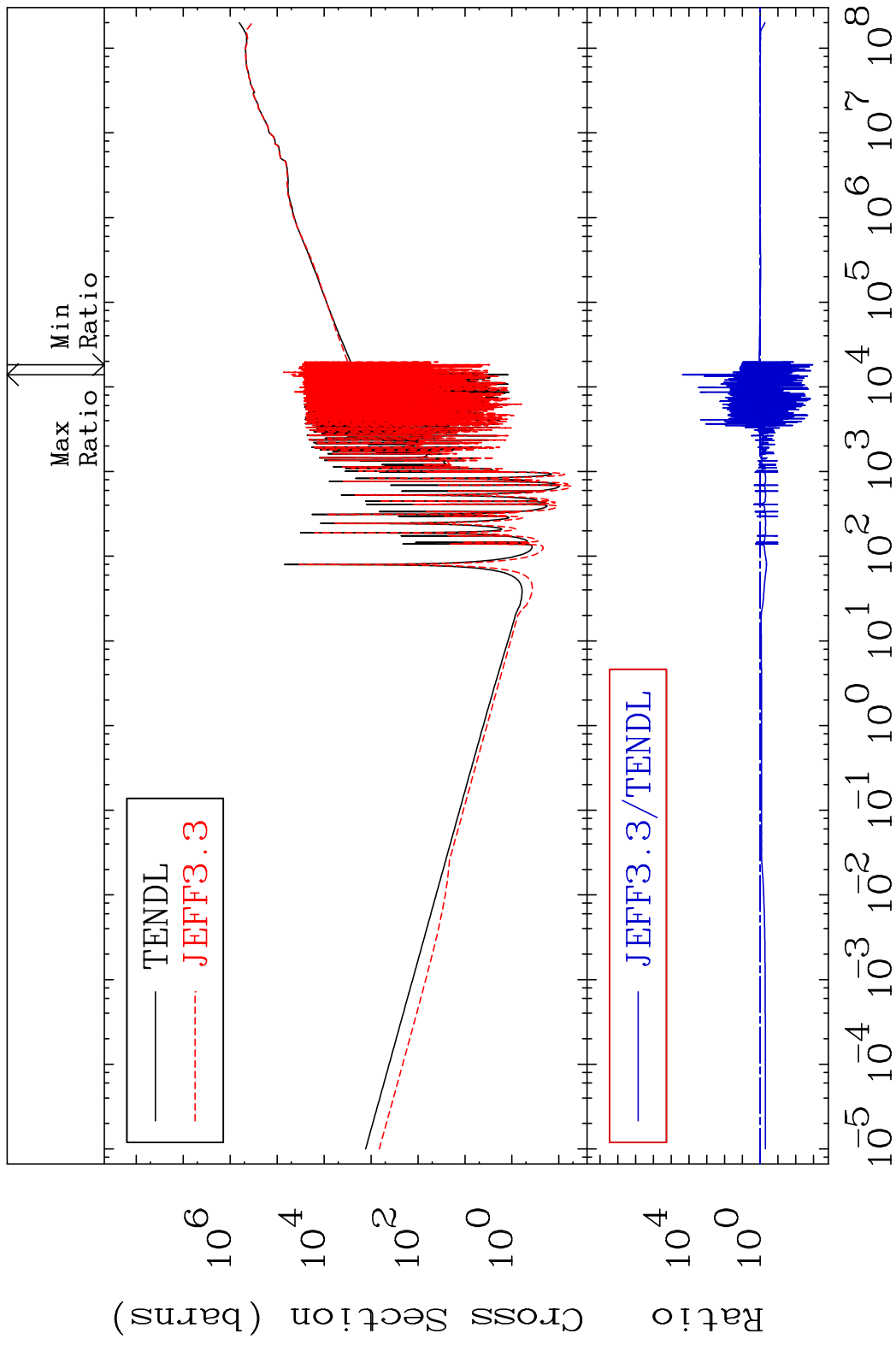
Total photon (eV-barns) 68-Er-168
Cross Section -99.67 To 9999. %



MAT 6843 Total kinematic kerma (high limit) 68-Er-168
Cross Section -99.87 To 9999. %



MAT 6843 Dpa total (eV-barns) 68-Er-168
 Cross Section -99.89 To 9999. %

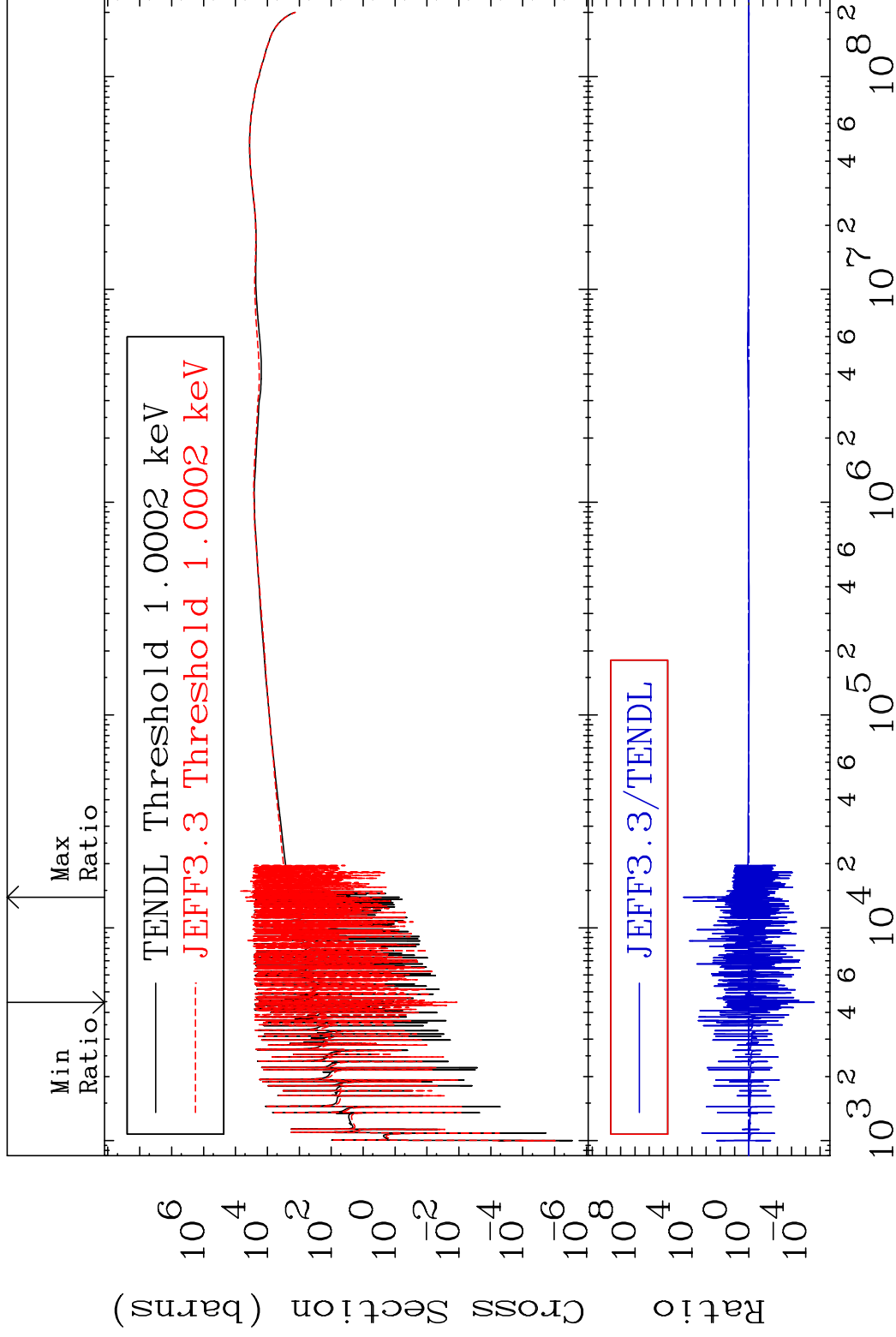


MAT 6843

Dpa elastic (mt2)

68-Er-168

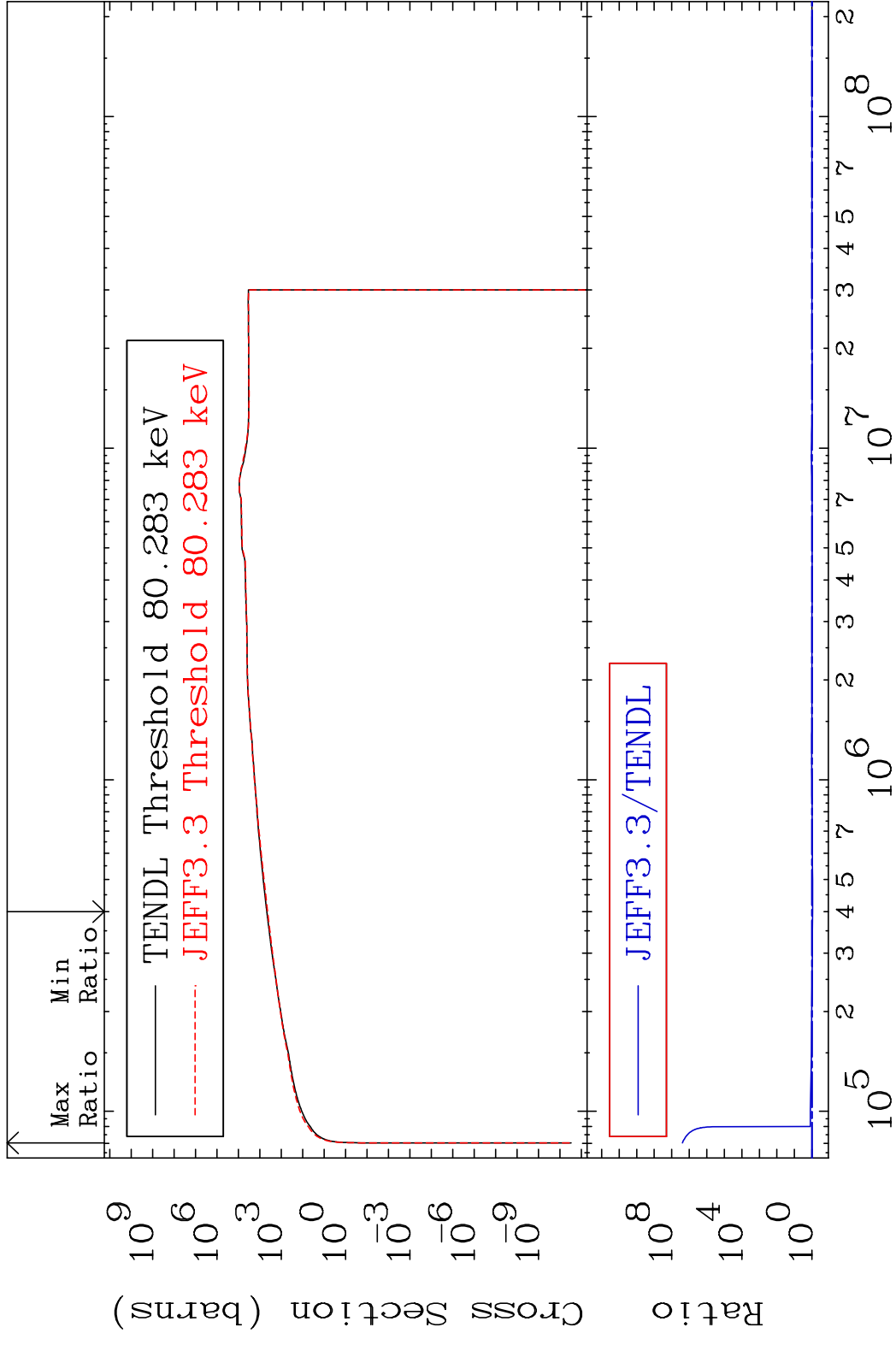
Cross Section -100.0 To 9999. %



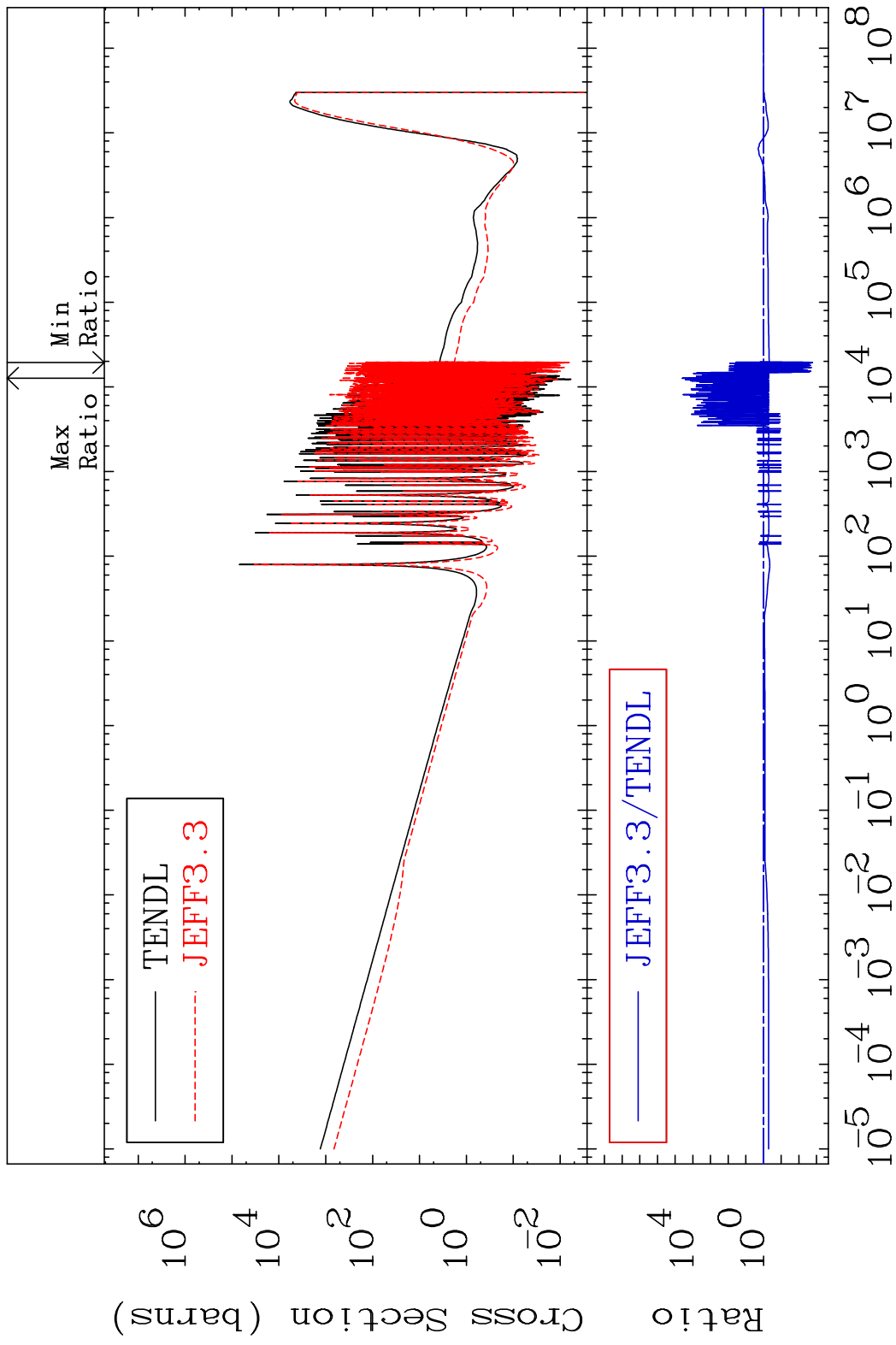
75

Incident Energy (eV)

68-Er-168



MAT 6843 Dpa disappearance (mt102 -120) 68-Er-168
 Cross Section -99.83 To 9999. %



MAT 6843 (n,2n):68-Er-167g 68-Er-168
 Radionuclide Production Cross Section 180.01 dth 20.08 %

