

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

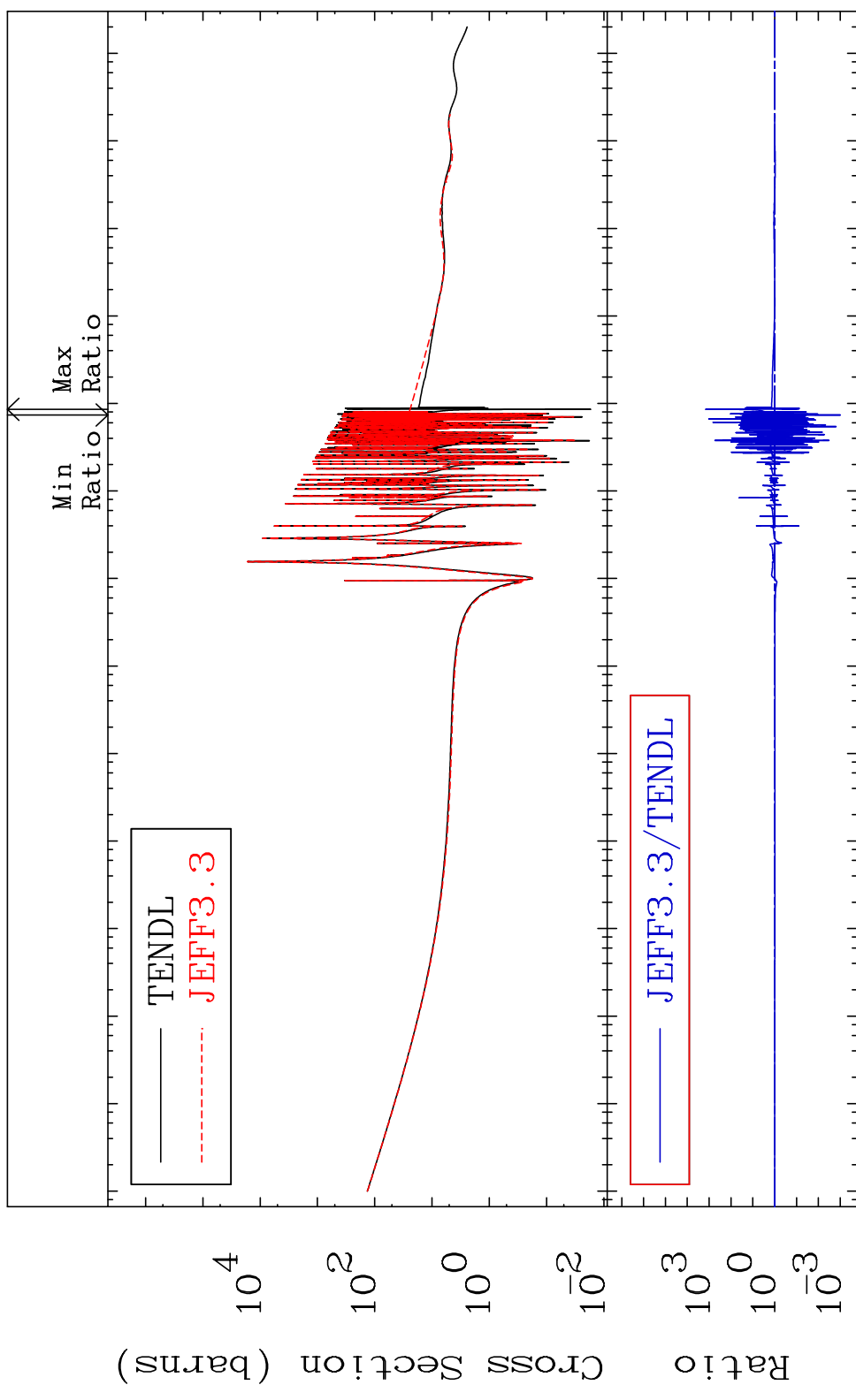
MAT 6043

Total

60-Nd-148

Cross Section

-99.90 To 9999. %



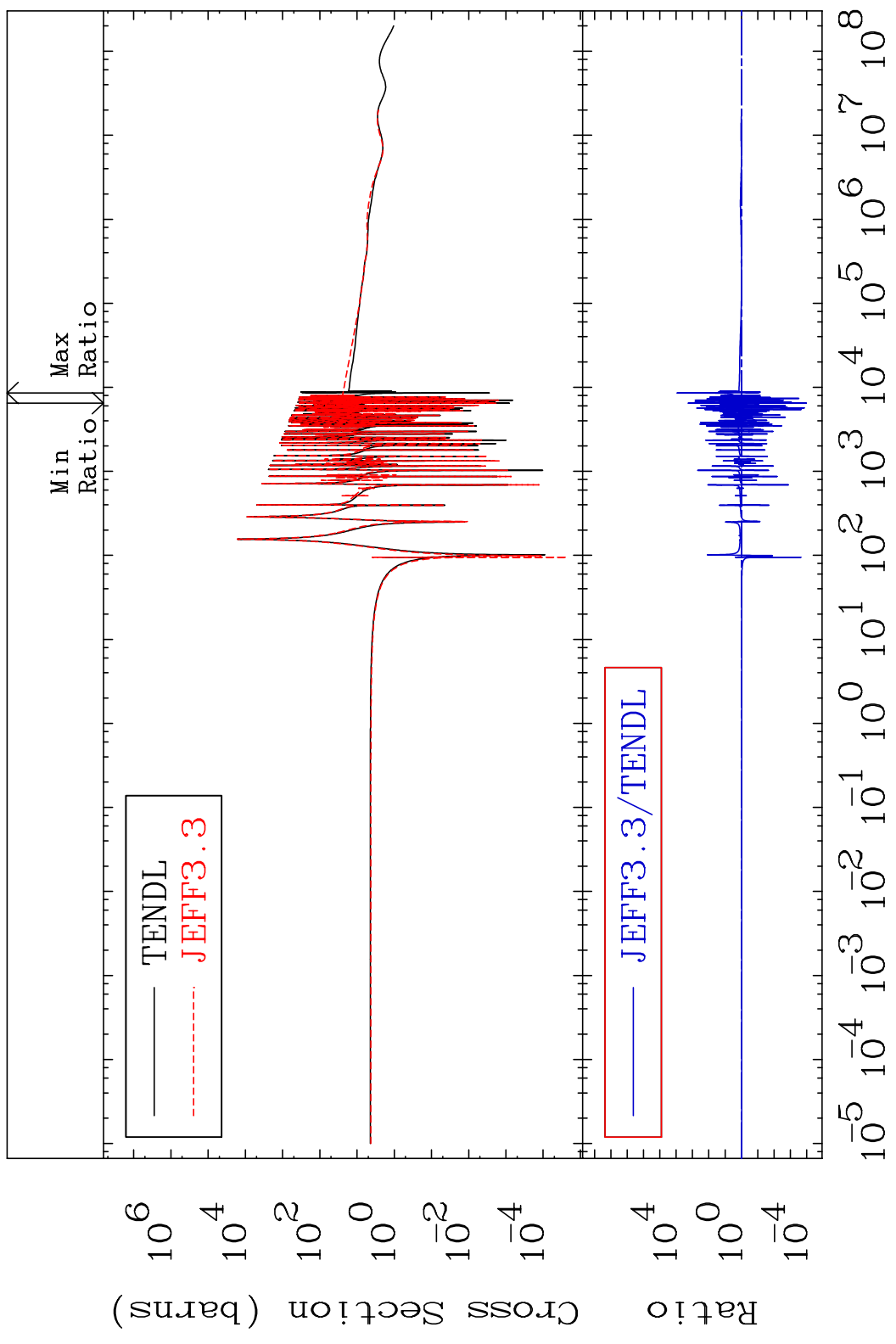
1

Incident Energy (eV)

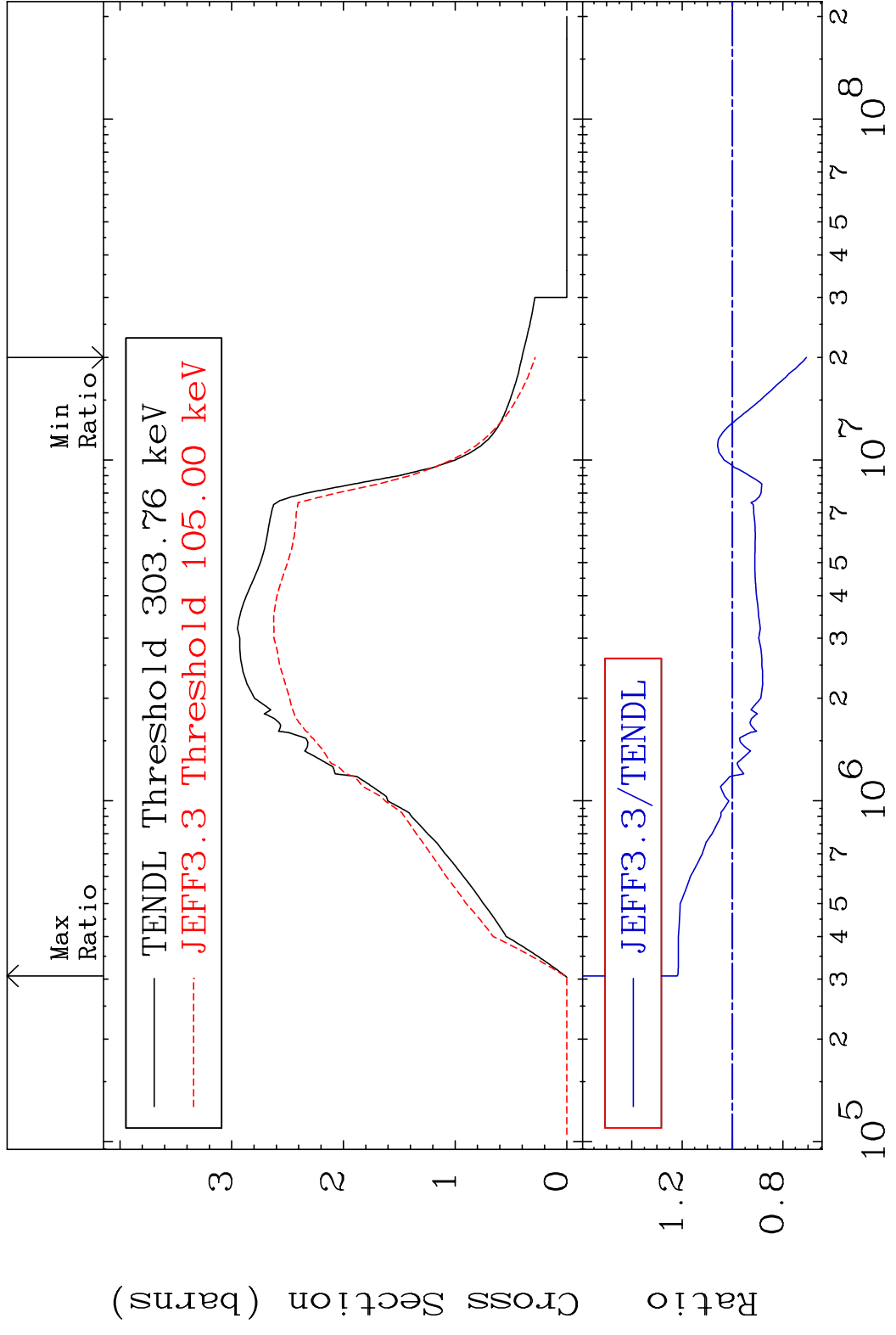
60-Nd-148

MAT 6043

Elastic Cross Section
60-Nd-148
-99.99 To 9999. %



MAT 6043 Inelastic 60-Nd-148
 Cross Section -29.36 To 21.96 %



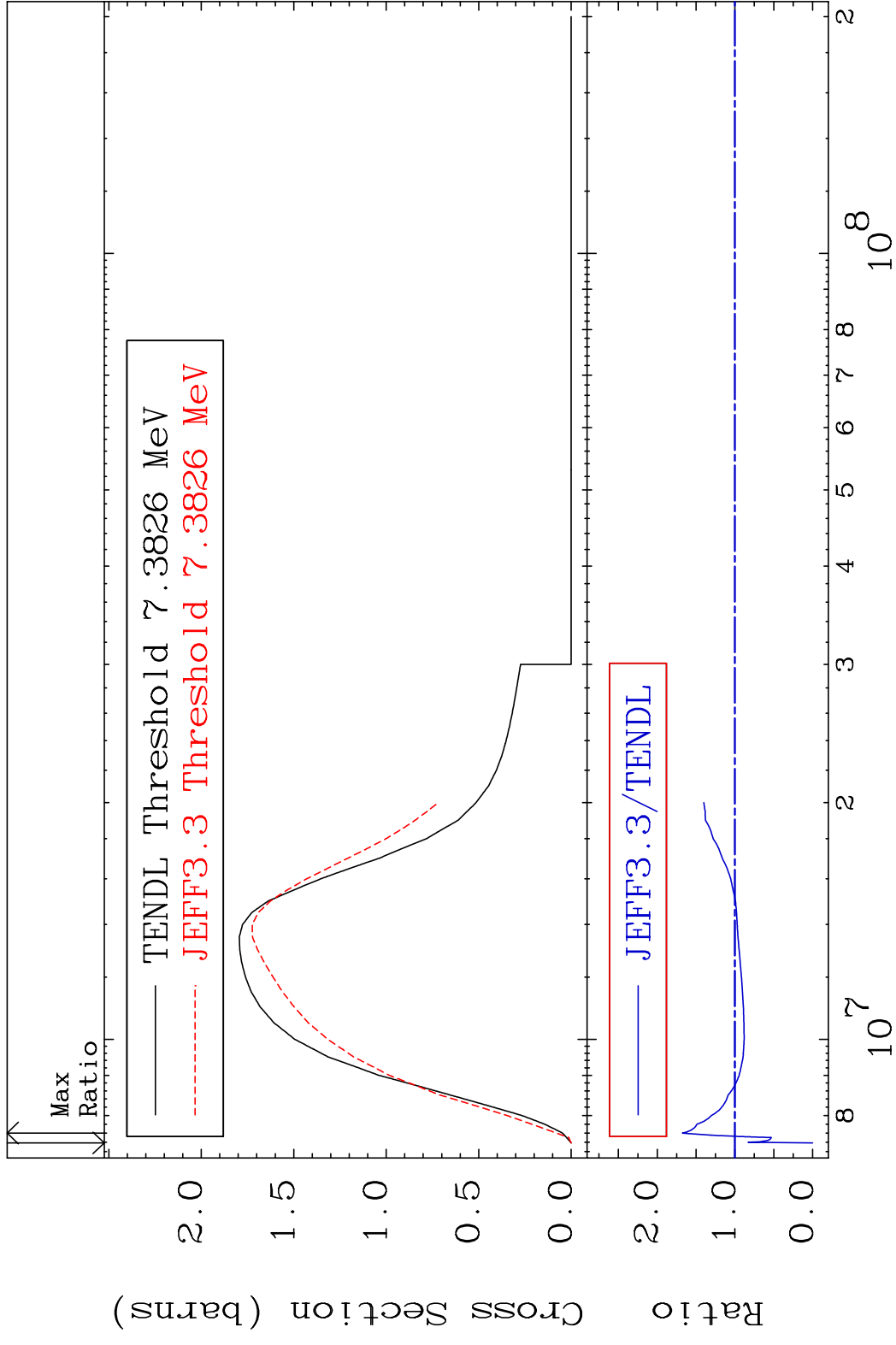
3 Incident Energy (eV) 60-Nd-148

MAT 6043

(n,2n)

60-Nd-148

Cross Section -100.0 To 67.66 %



4

Incident Energy (eV)

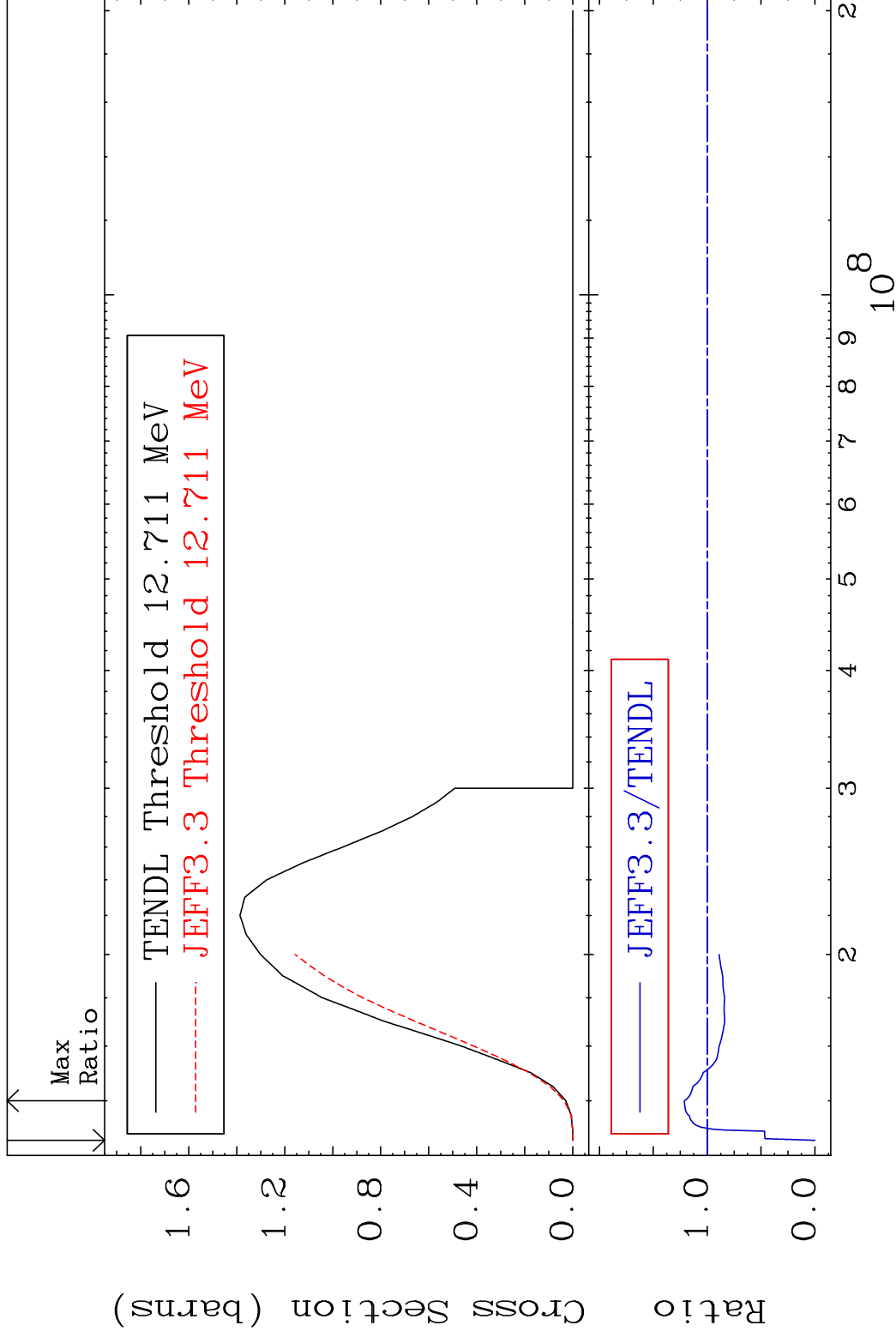
60-Nd-148

MAT 6043

(n,3n)

60-Nd-148

Cross Section -100.0 To 21.25 %



5

Incident Energy (eV)

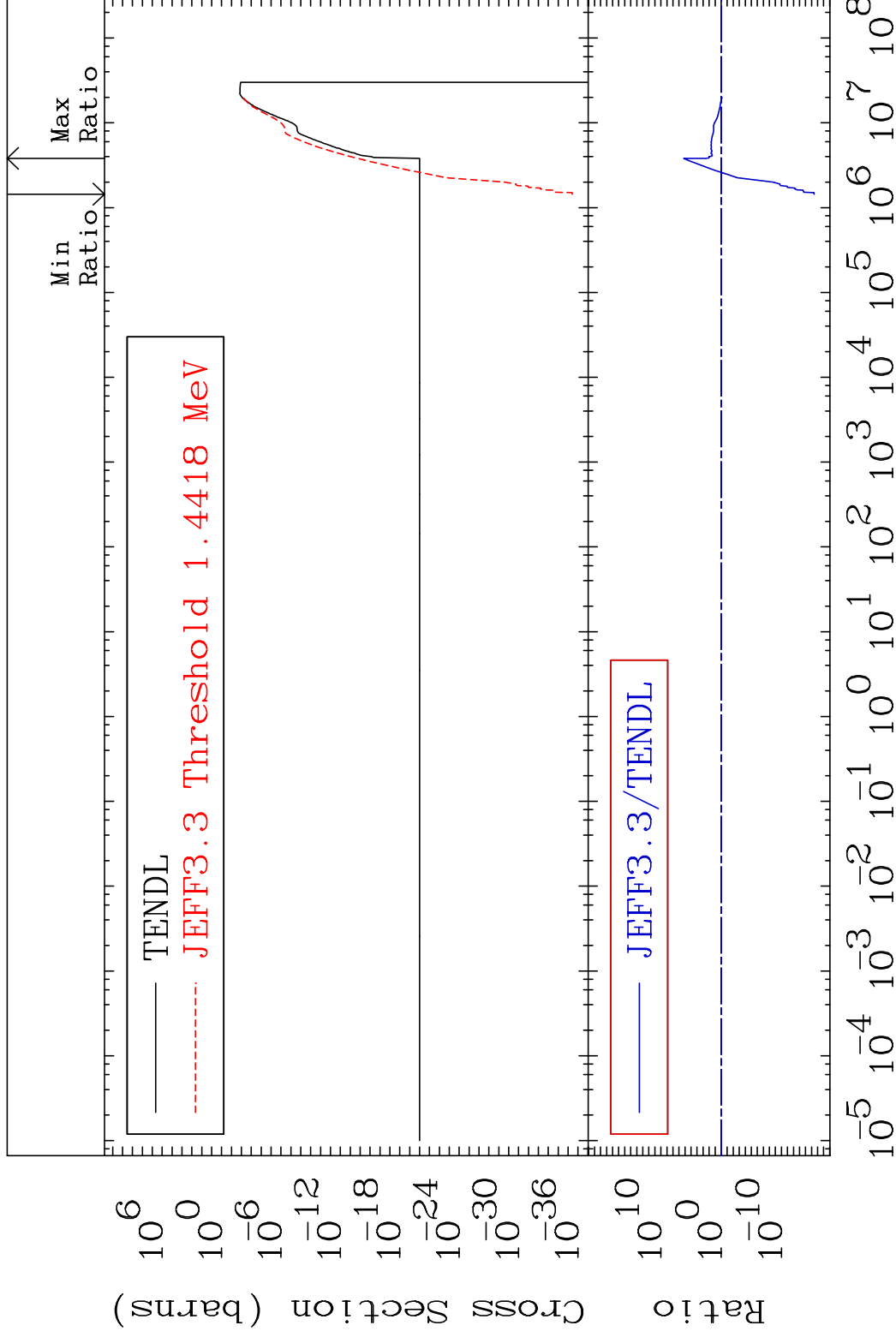
60-Nd-148

MAT 6043

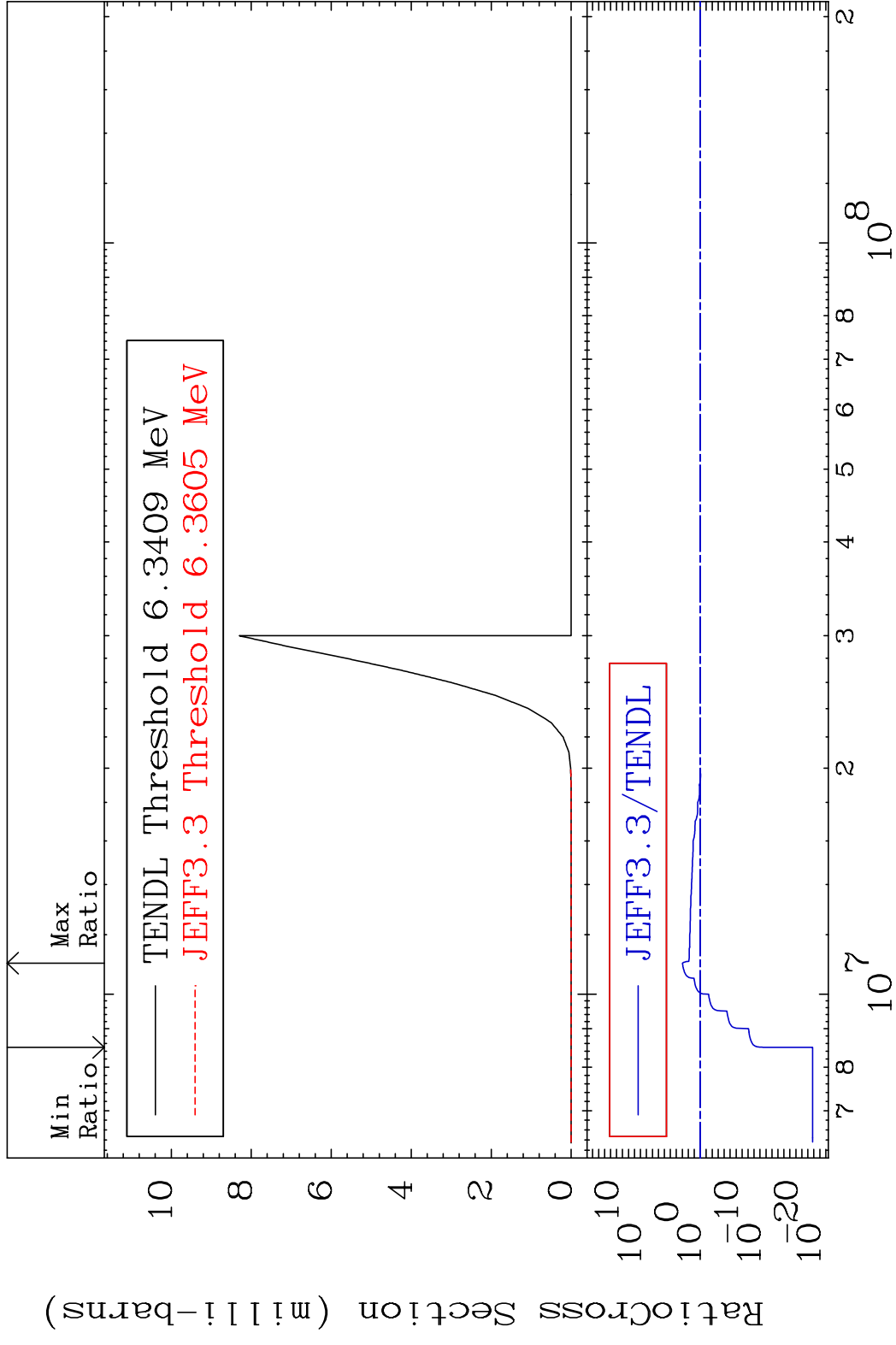
(n, n') α

60-Nd-148

Cross Section -100.0 To 9999. %



MAT 6043 (n,2n) α 60-Nd-148
 Cross Section -100.0 To 9999. %

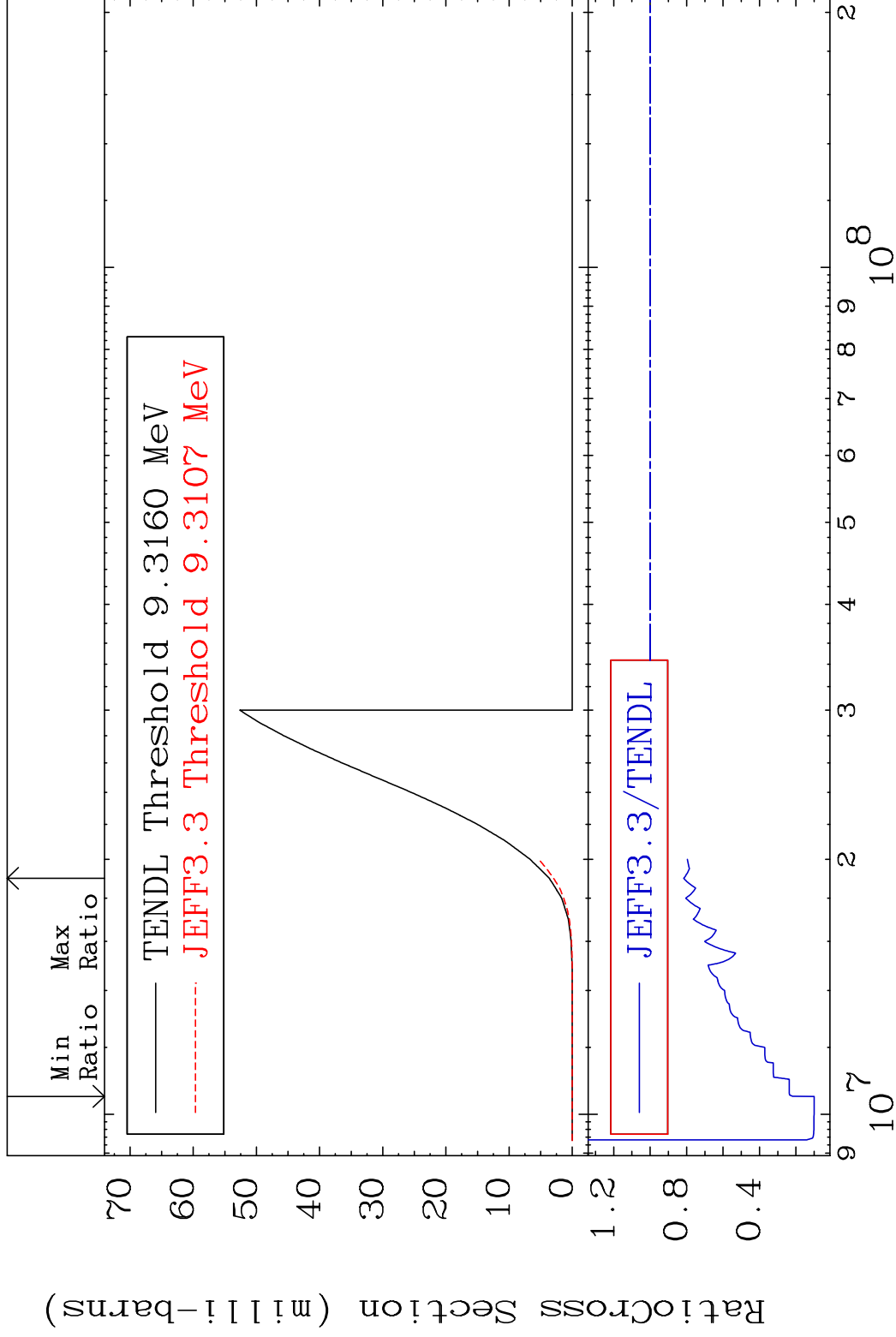


MAT 6043

(n, n') p

60-Nd-148

Cross Section -89.94 To -18.38%



8

Incident Energy (eV)

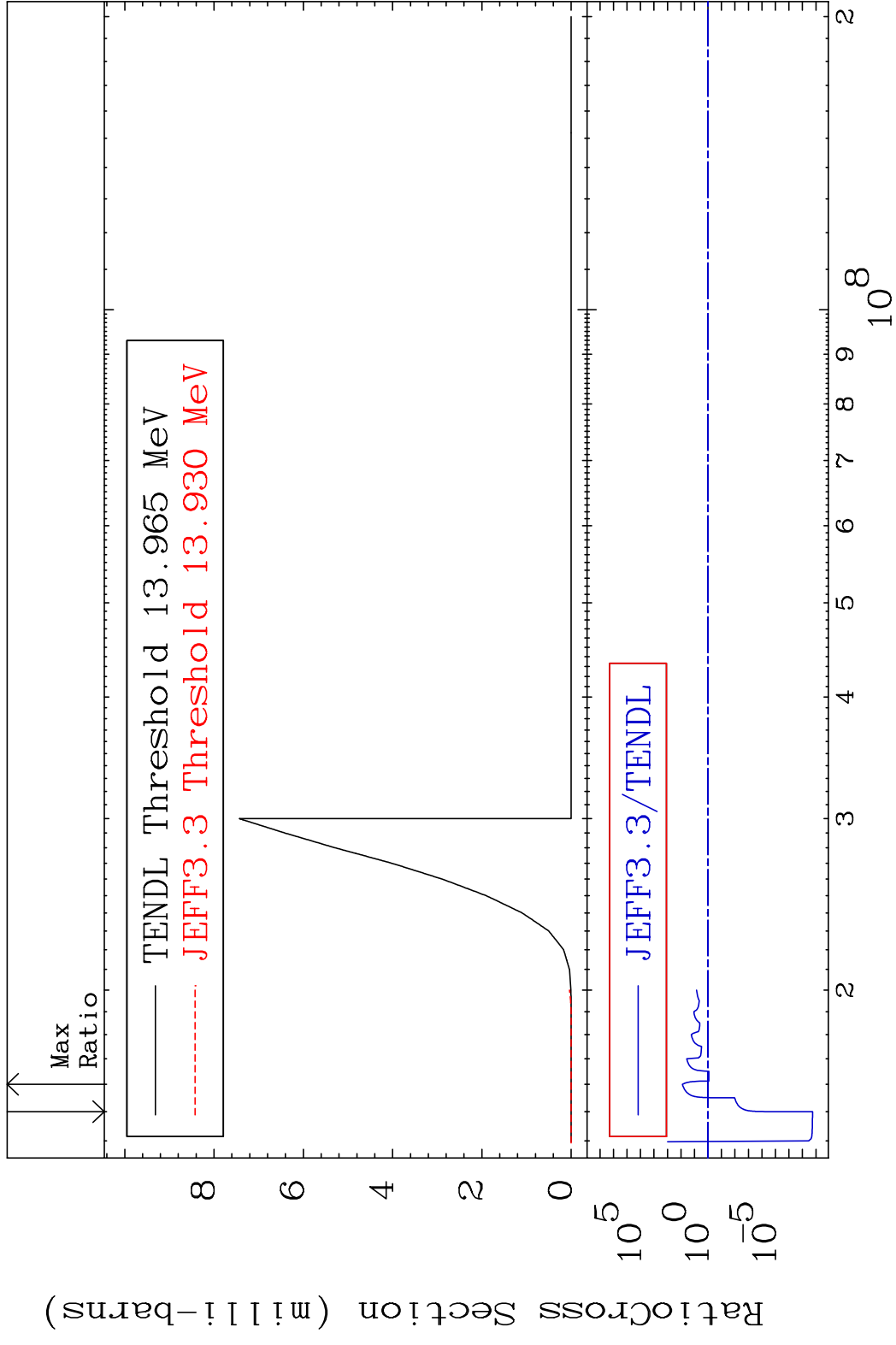
60-Nd-148

MAT 6043

(n, n') d

60-Nd-148

Cross Section -100.0 To 7771. %

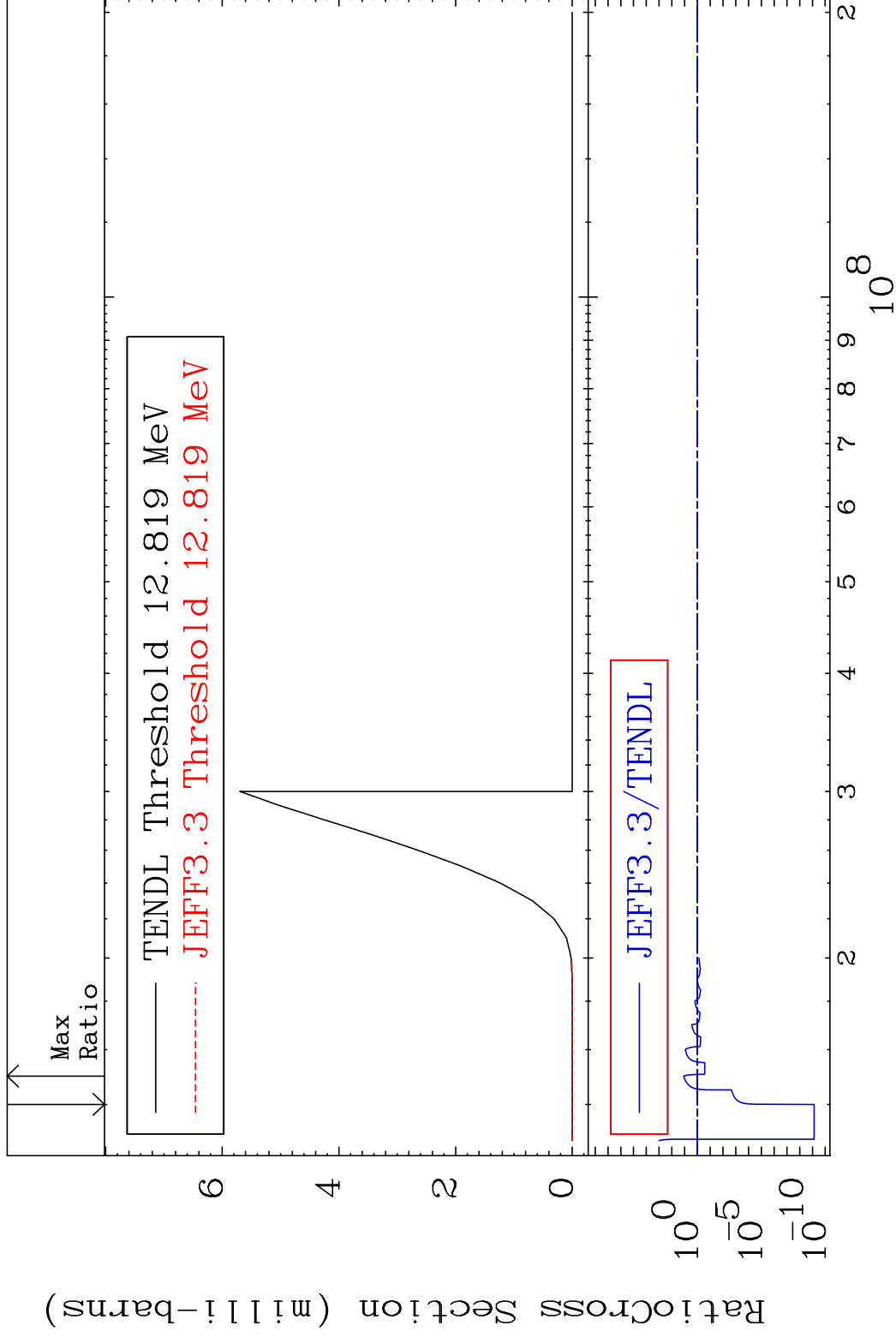


MAT 6043

(n, n') t

60-Nd-148

Cross Section -100.0 To 1096. %

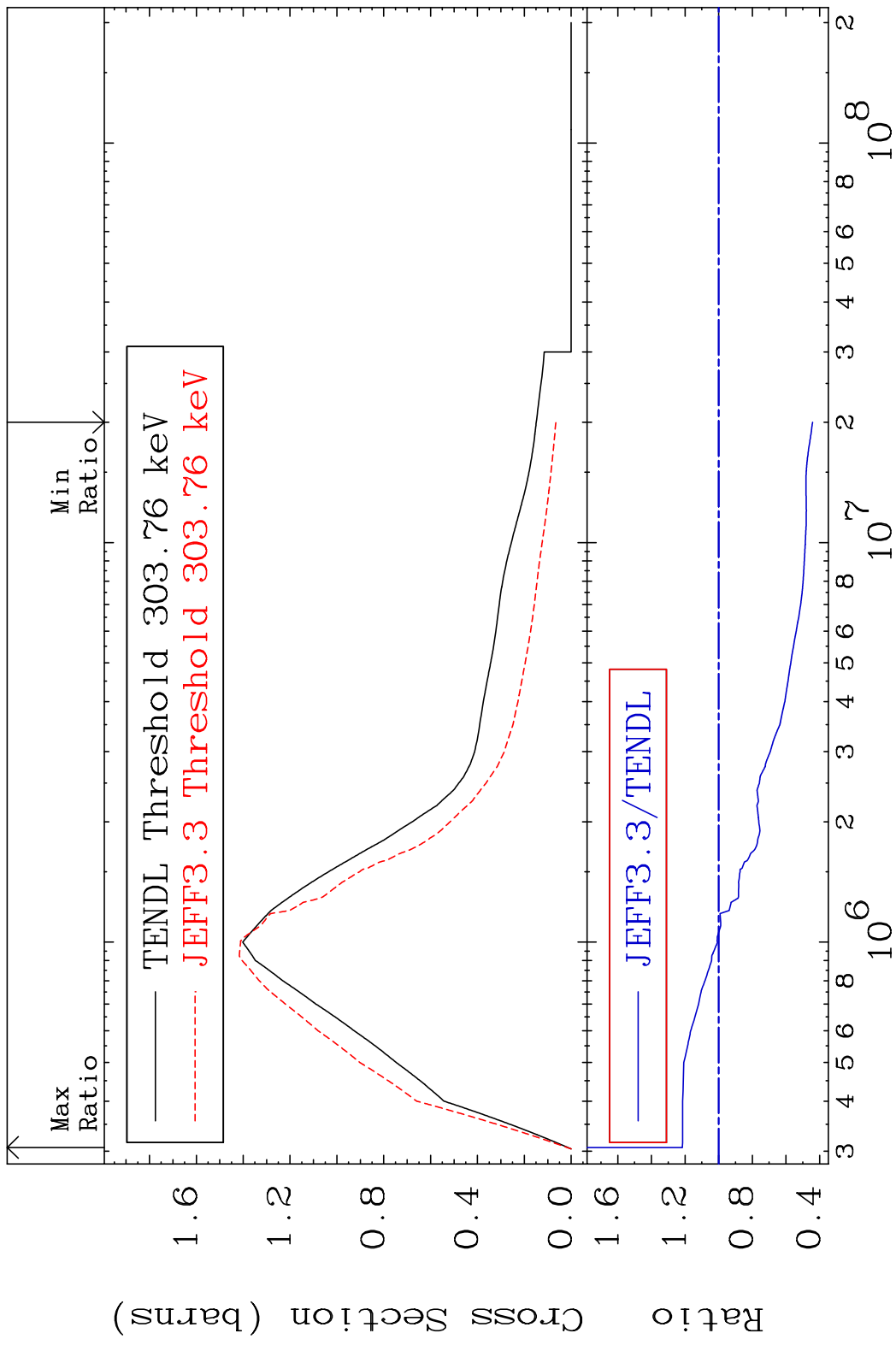


10

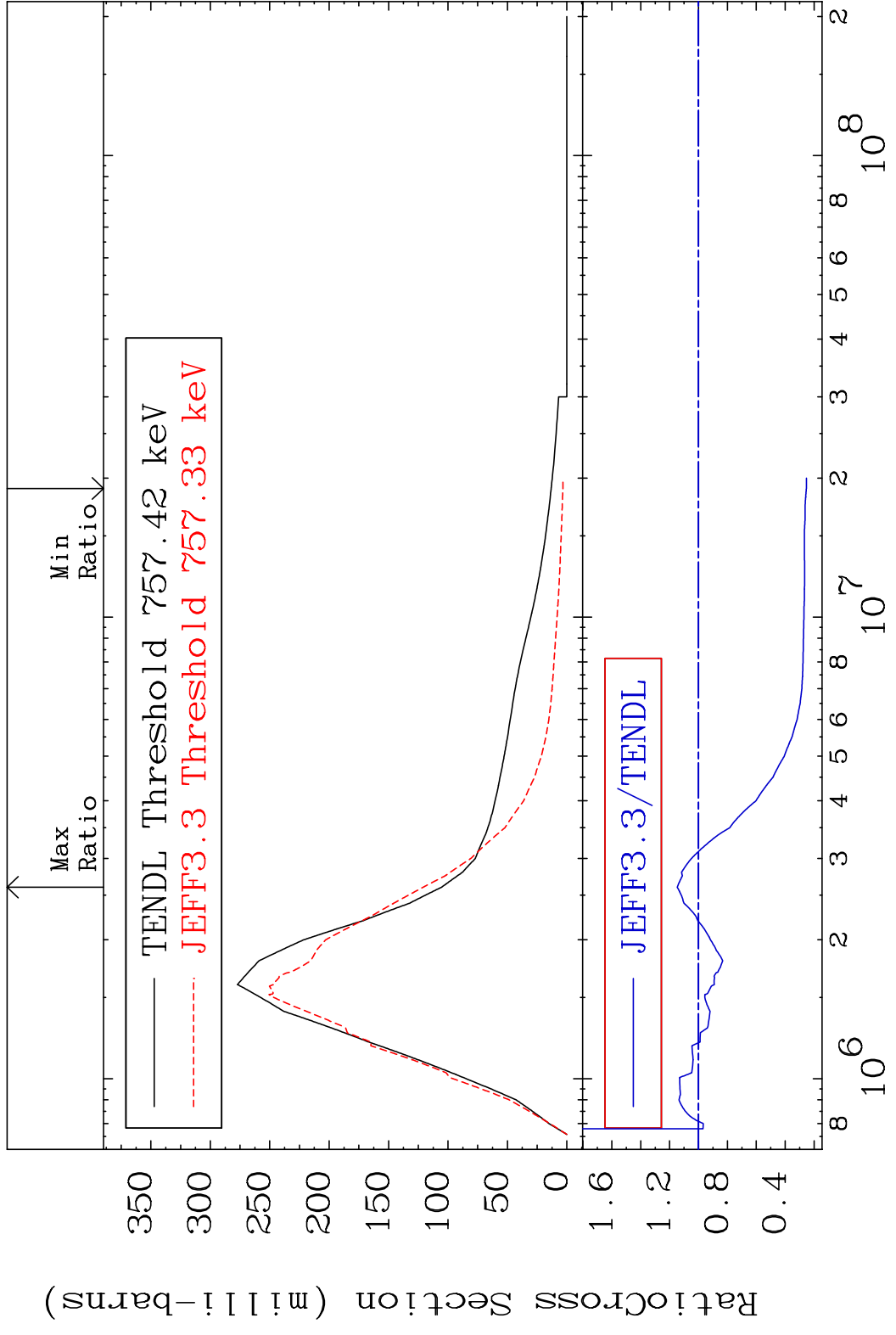
Incident Energy (eV)

60-Nd-148

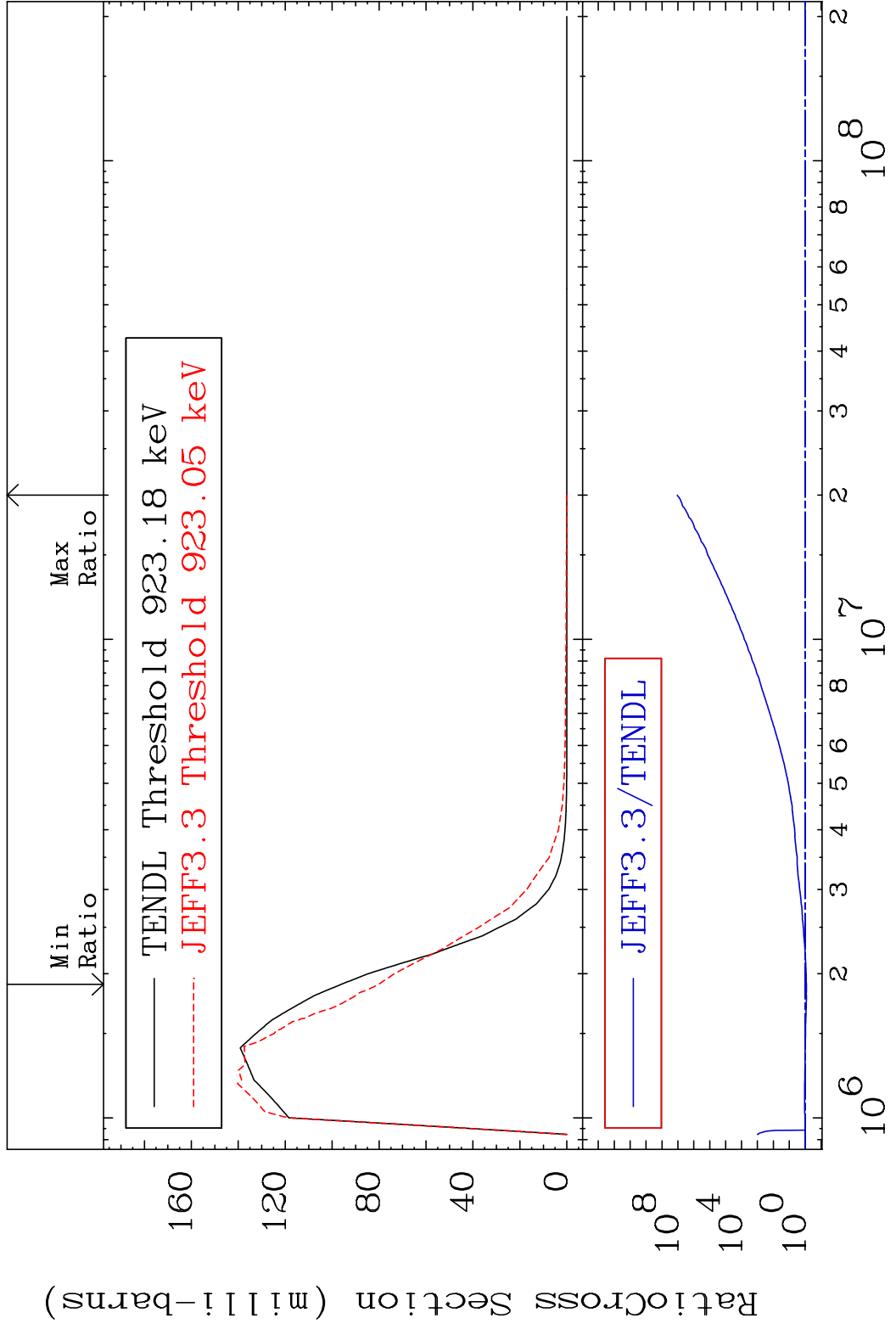
MAT 6043 MT= 51 (n, n') Level 60-Nd-148
 Cross Section -55.83 To 21.61 %



MAT 6043 MT= 52 (n, n') Level 60-Nd-148
 Cross Section -74.66 To 14.77 %



MAT 6043 MT= 53 (n, n') Level 60-Nd-148
 Cross Section -16.61 To 9999. %



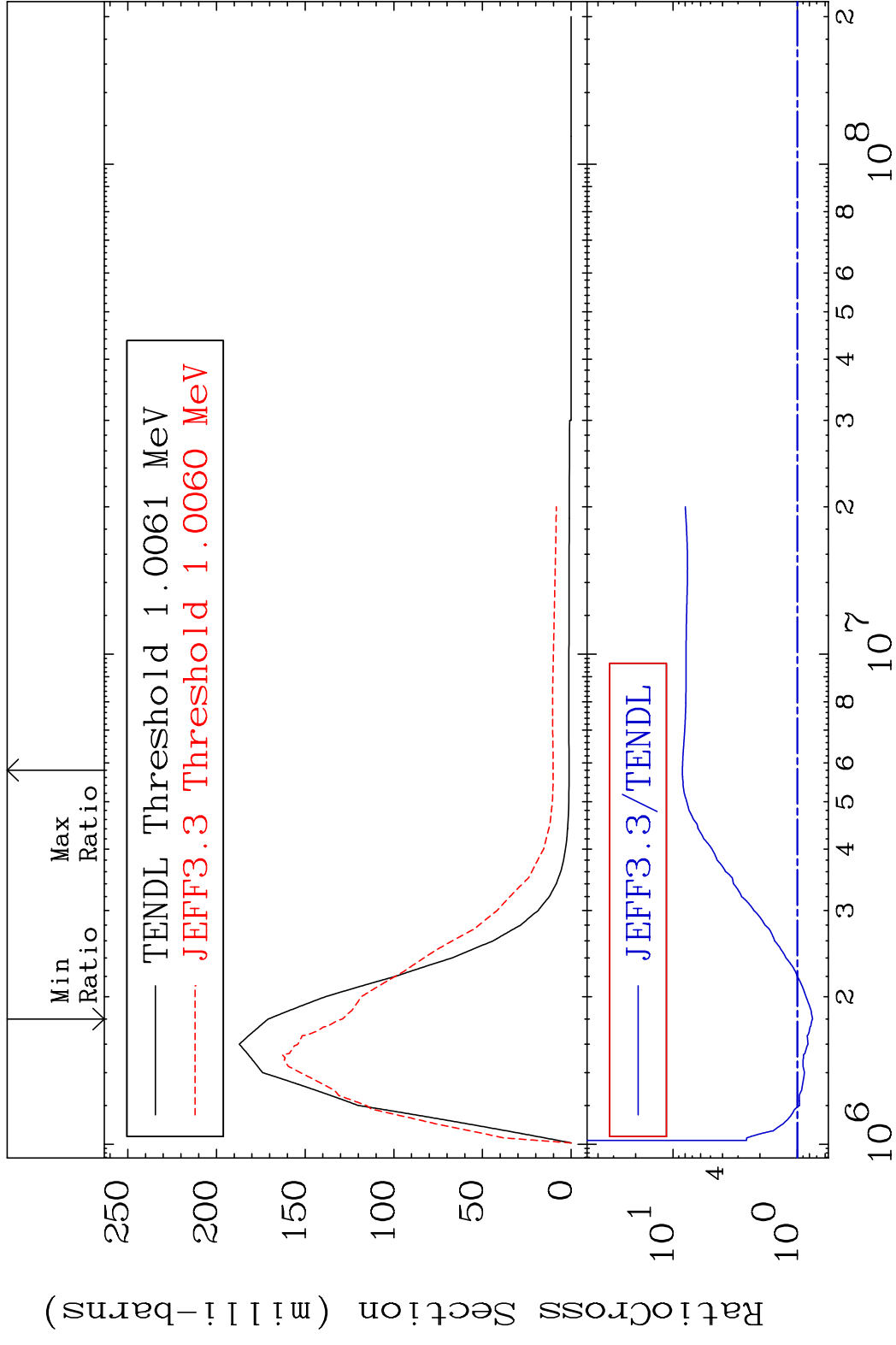
13 Incident Energy (eV) 60-Nd-148

MAT 6043

MT= 54 (n, n') Level

60-Nd-148

Cross Section -24.41 To 741.0 %

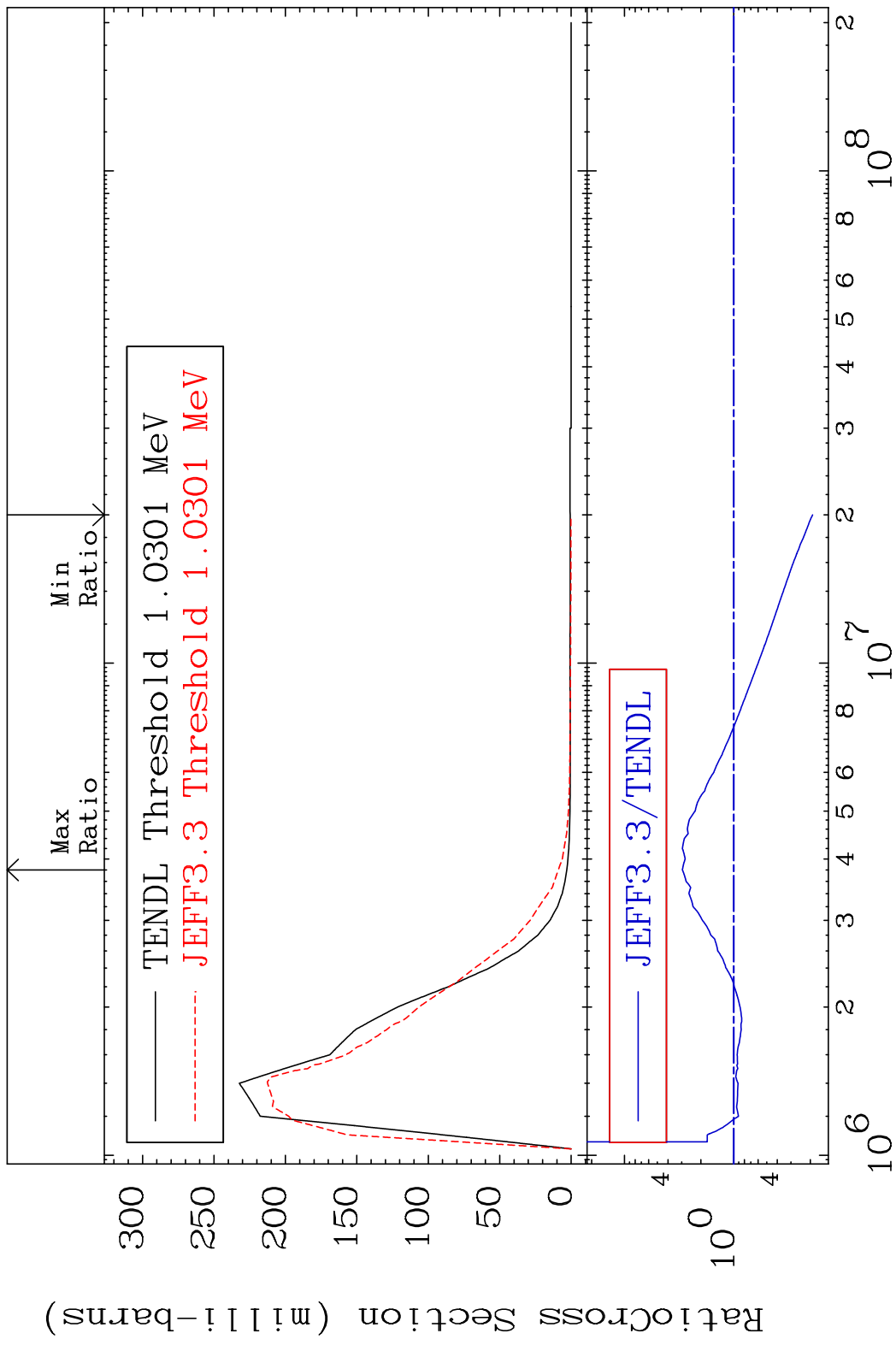


14

Incident Energy (eV)

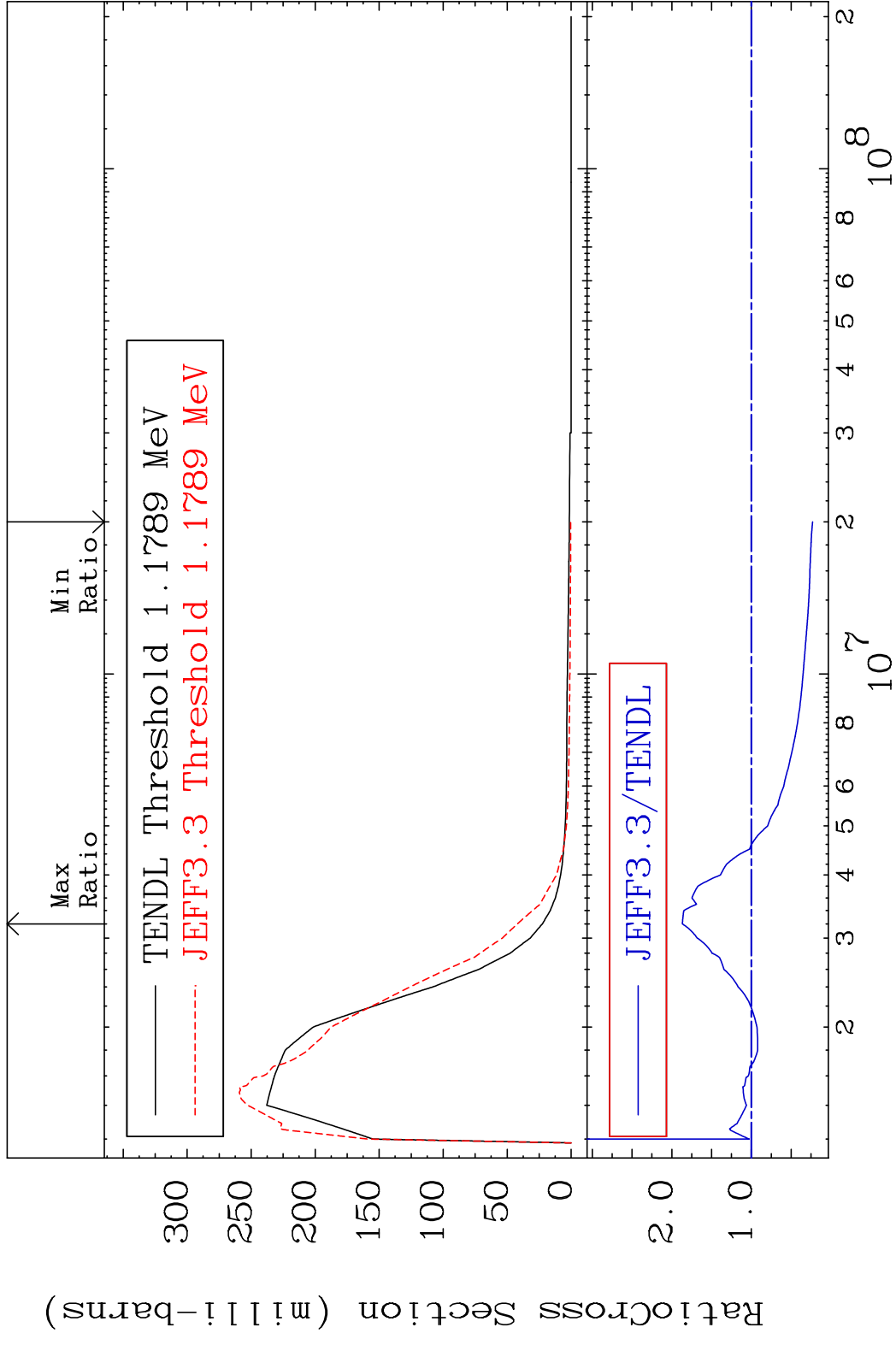
60-Nd-148

MAT 6043 MT= 55 (n, n') Level 60-Nd-148
 Cross Section -80.96 To 195.6 %

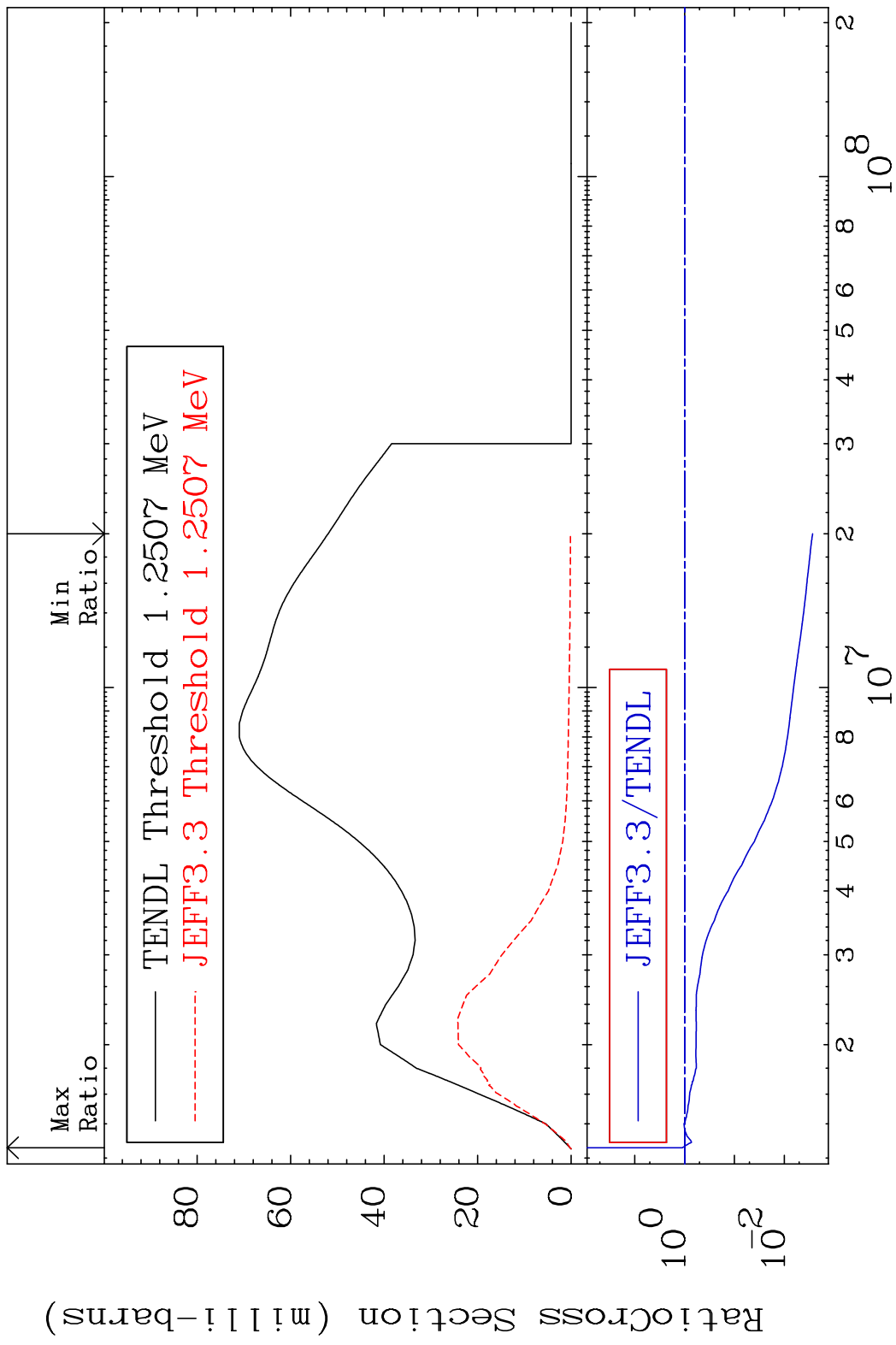


15 Incident Energy (eV) 60-Nd-148

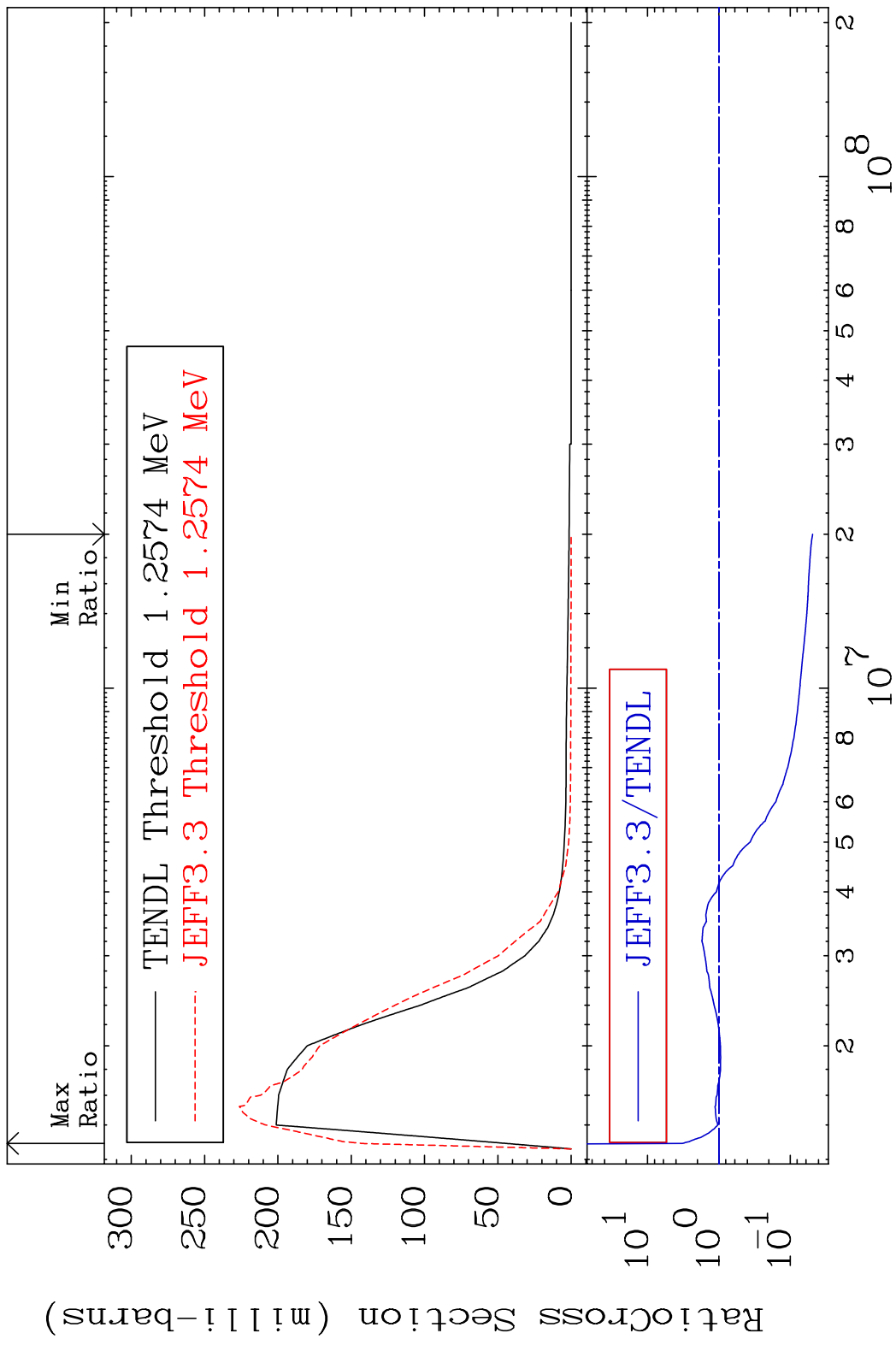
MAT 6043 MT= 56 (n, n') Level 60-Nd-148
 Cross Section -76.97 To 86.75 %



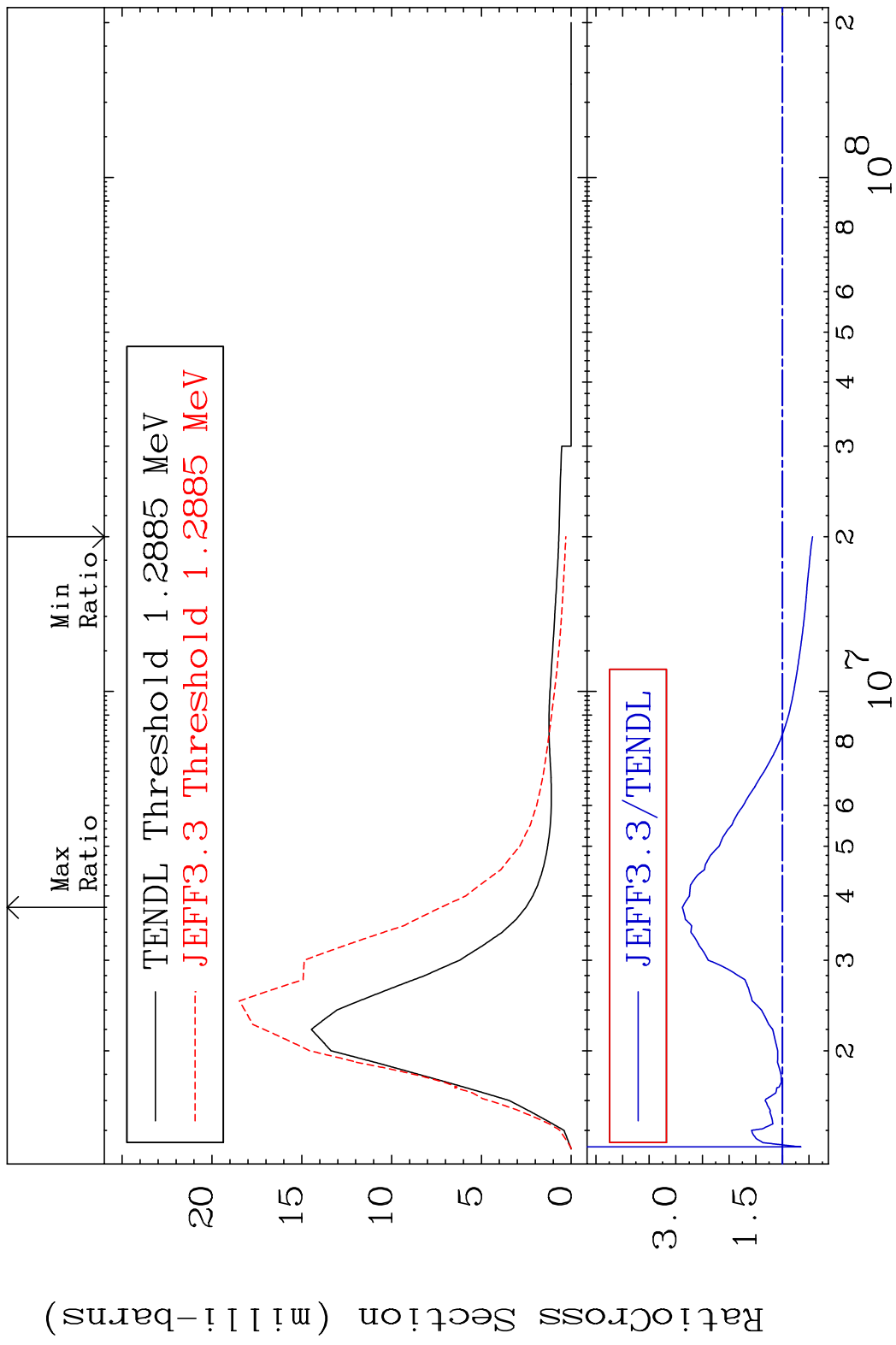
MAT 6043 MT= 57 (n, n') Level 60-Nd-148
 Cross Section -99.73 To 10.80 %



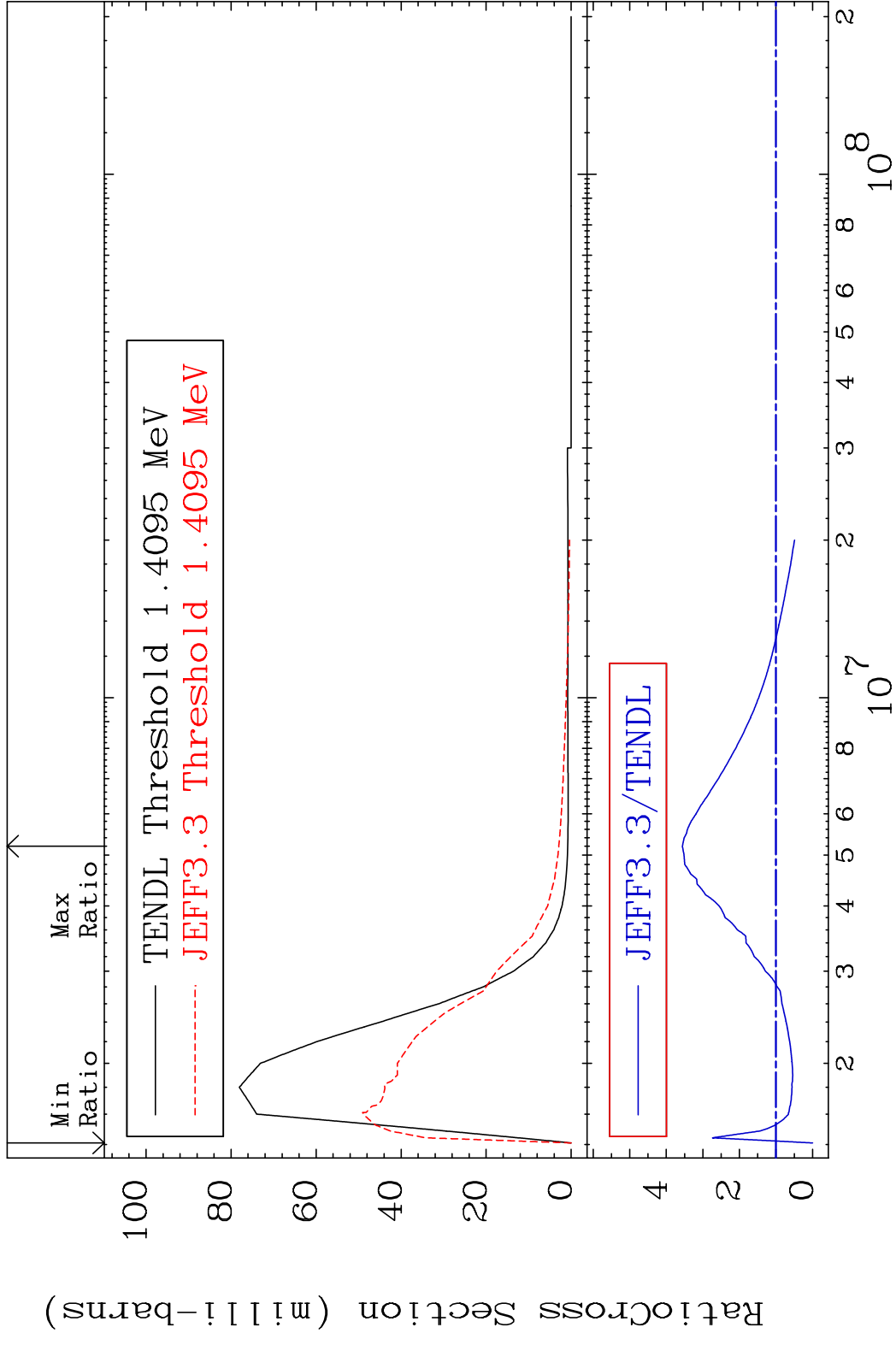
MAT 6043 MT= 58 (n, n') Level 60-Nd-148
 Cross Section -95.14 To 225.5 %



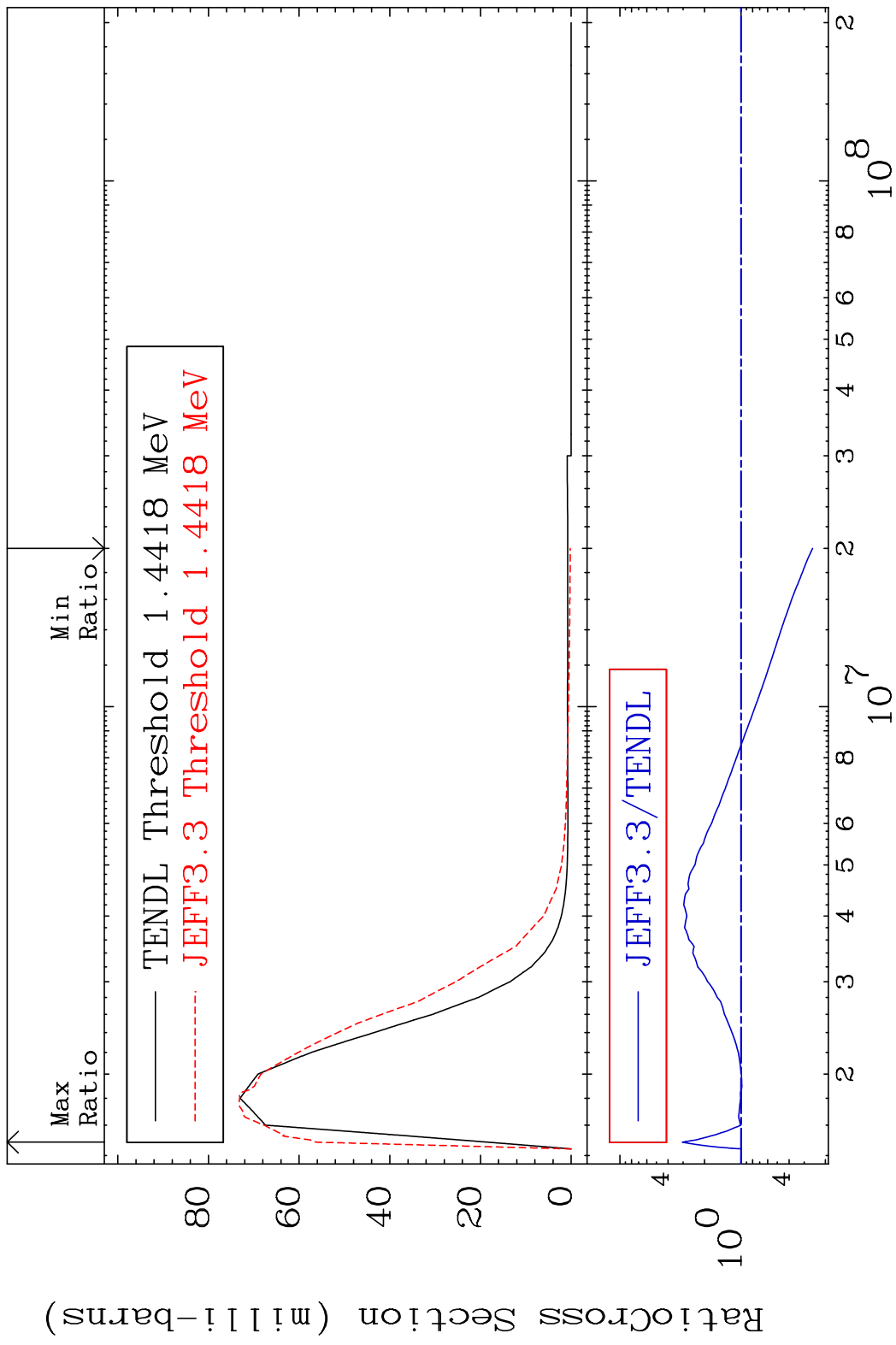
MAT 6043 MT= 59 (n, n') Level 60-Nd-148
 Cross Section -56.56 To 187.8 %



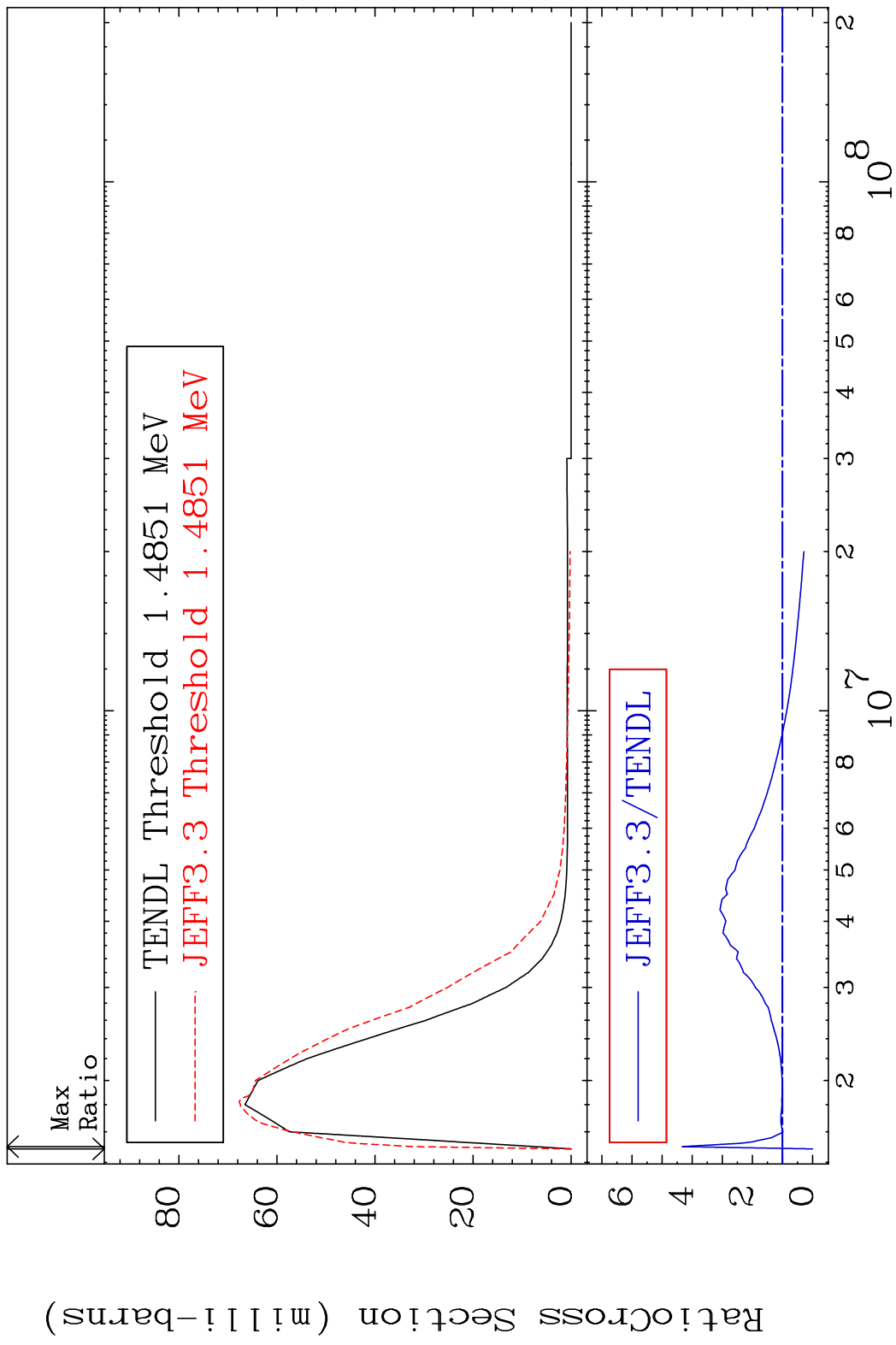
MAT 6043 MT= 60 (n,n') Level 60-Nd-148
 Cross Section -100.0 To 256.0 %



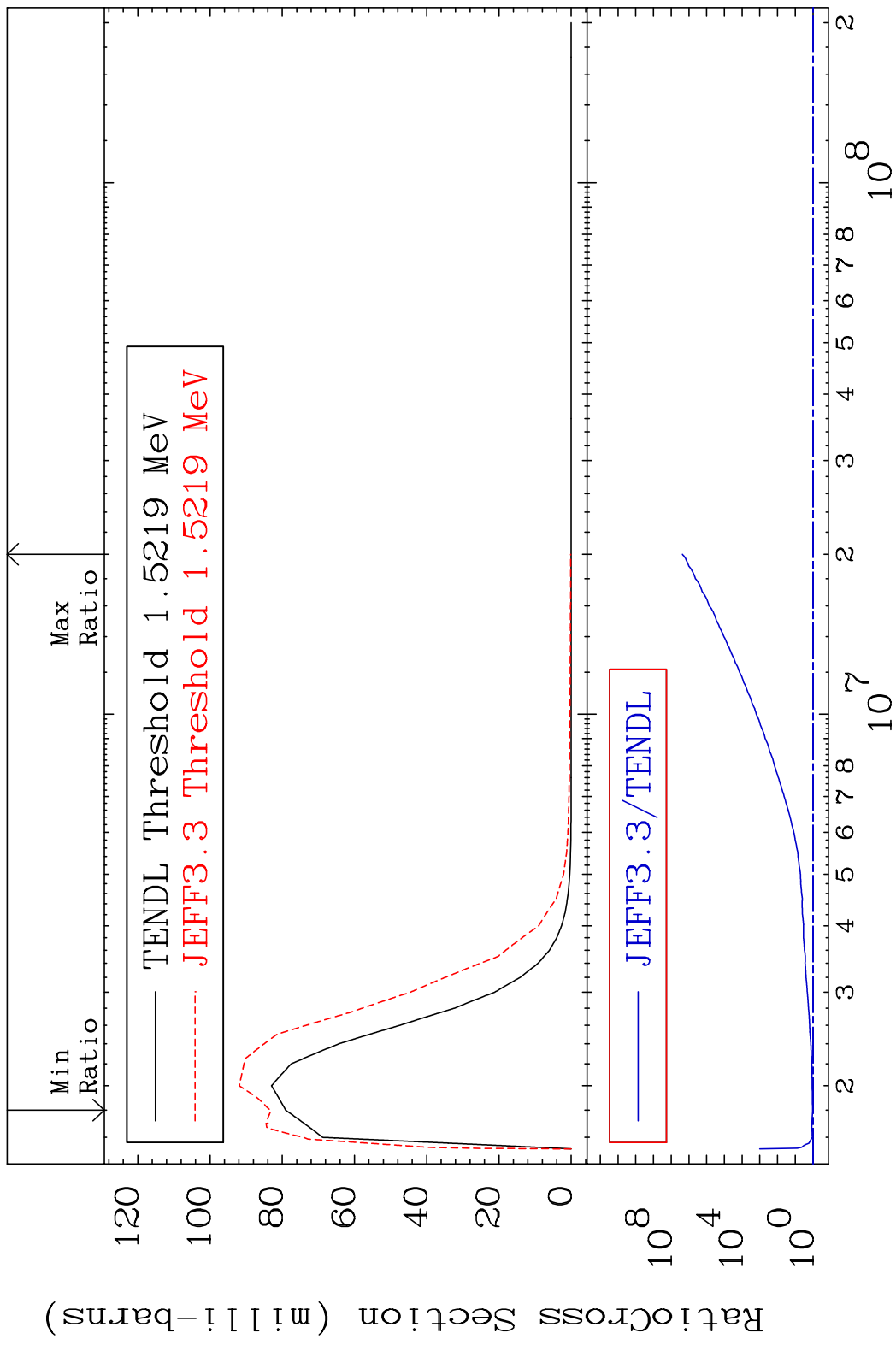
MAT 6043 MT= 61 (n, n') Level 60-Nd-148
 Cross Section -74.43 To 204.8 %



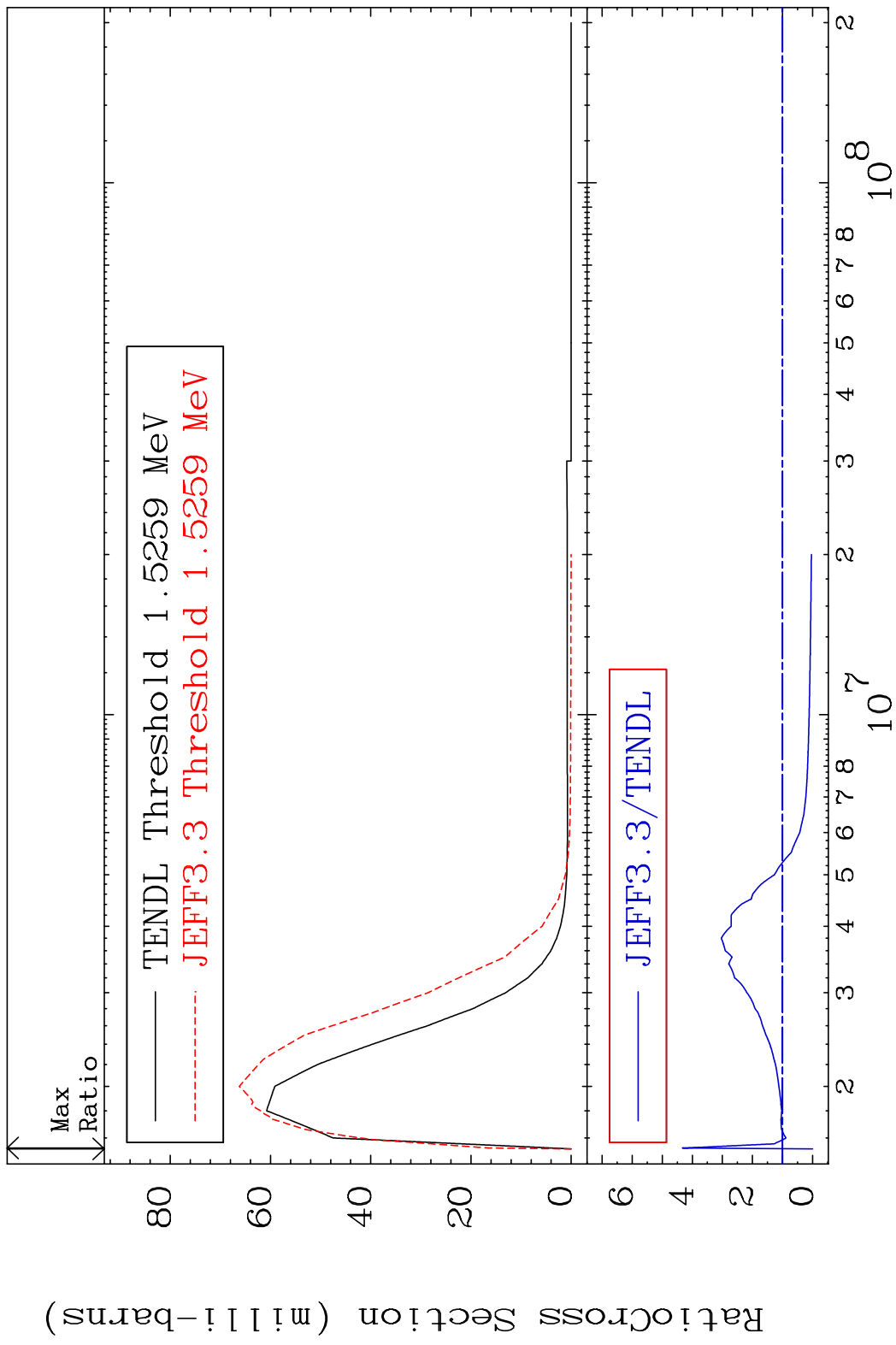
MAT 6043 MT= 62 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 332.5 %



MAT 6043 MT= 63 (n, n') Level 60-Nd-148
 Cross Section 5.470 To 9999. %



MAT 6043 MT= 64 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 333.2 %

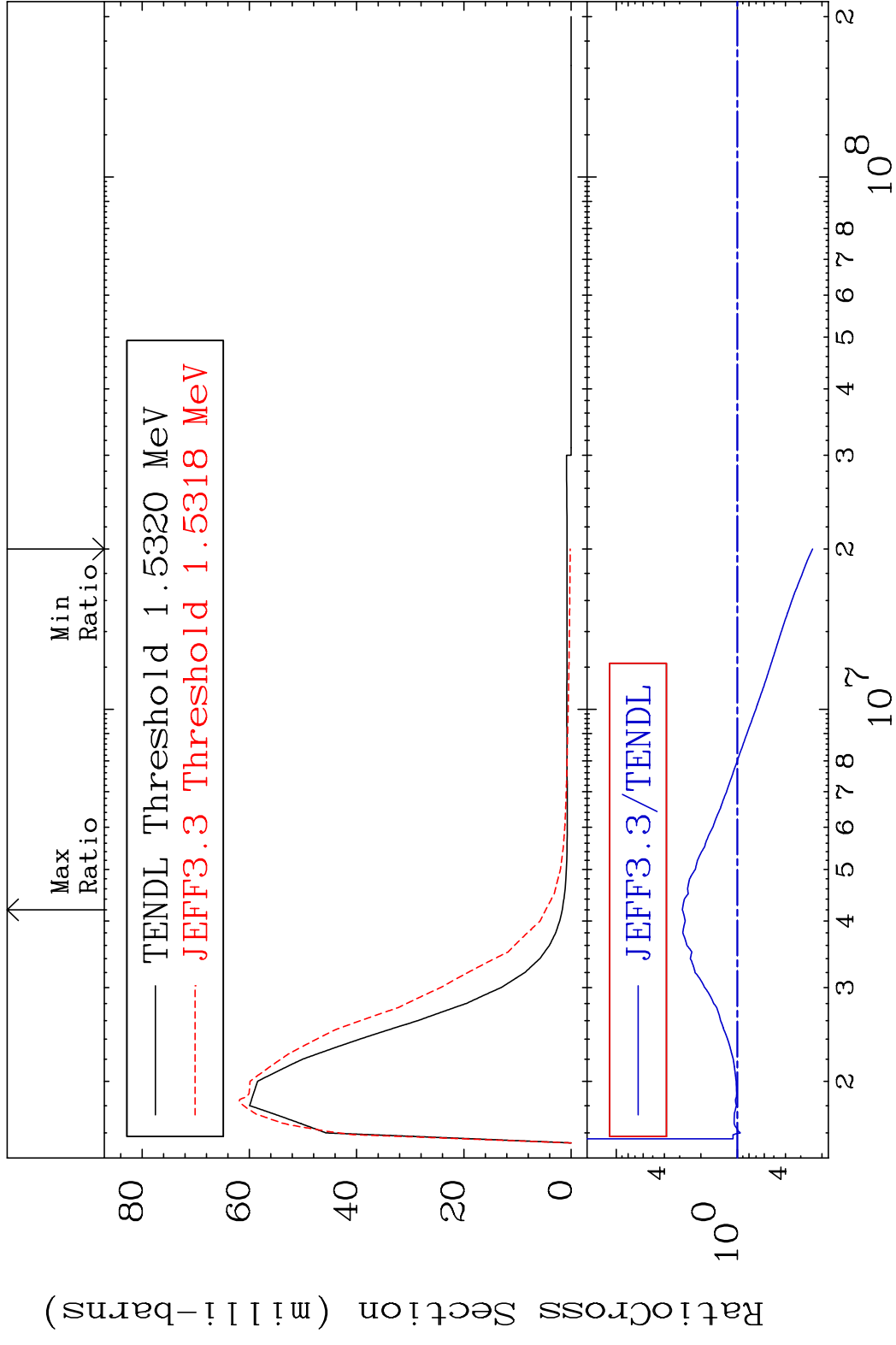


MAT 6043

MT= 65 (n, n') Level

60-Nd-148

Cross Section -76.07 To 184.7 %

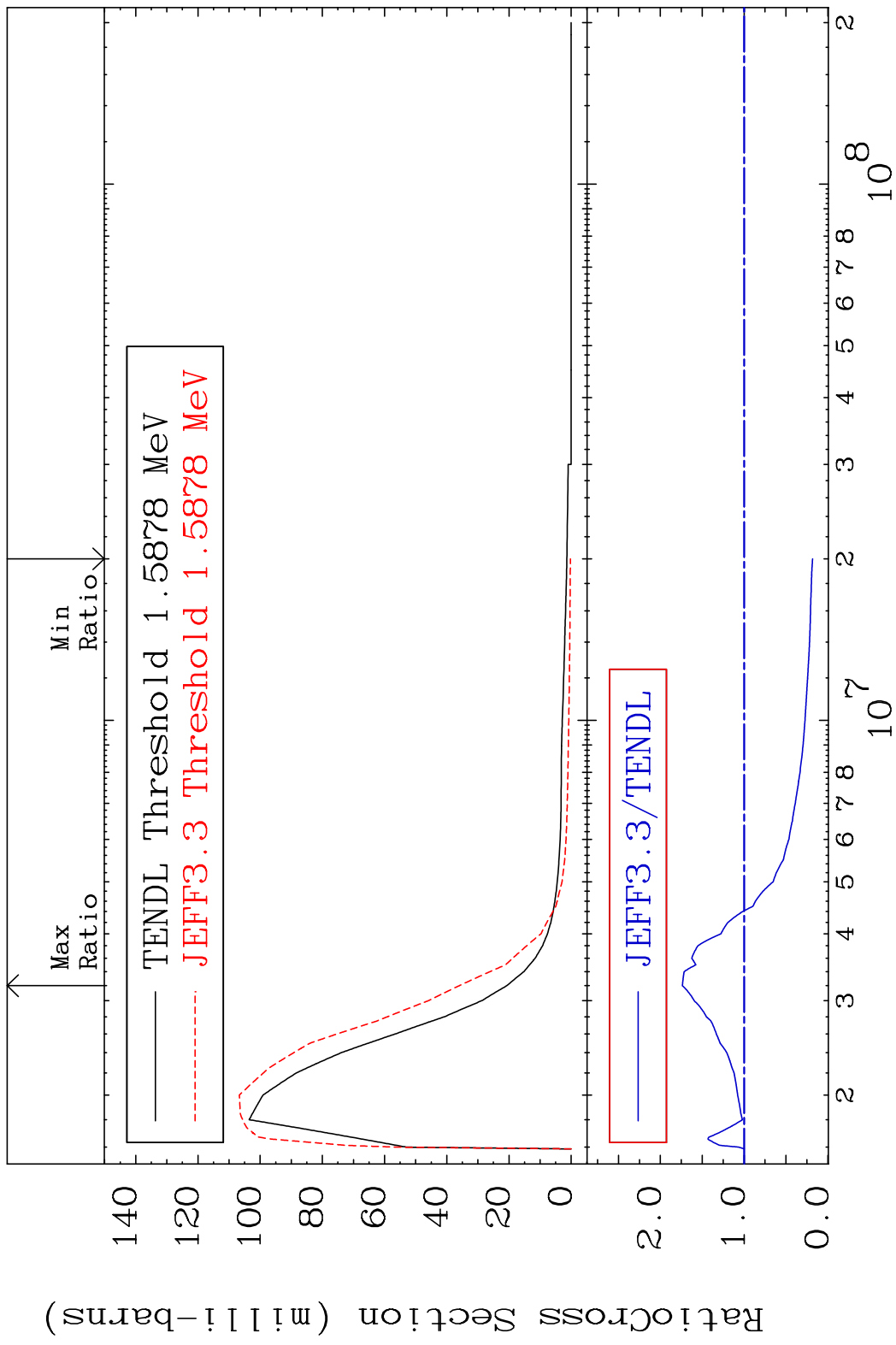


25

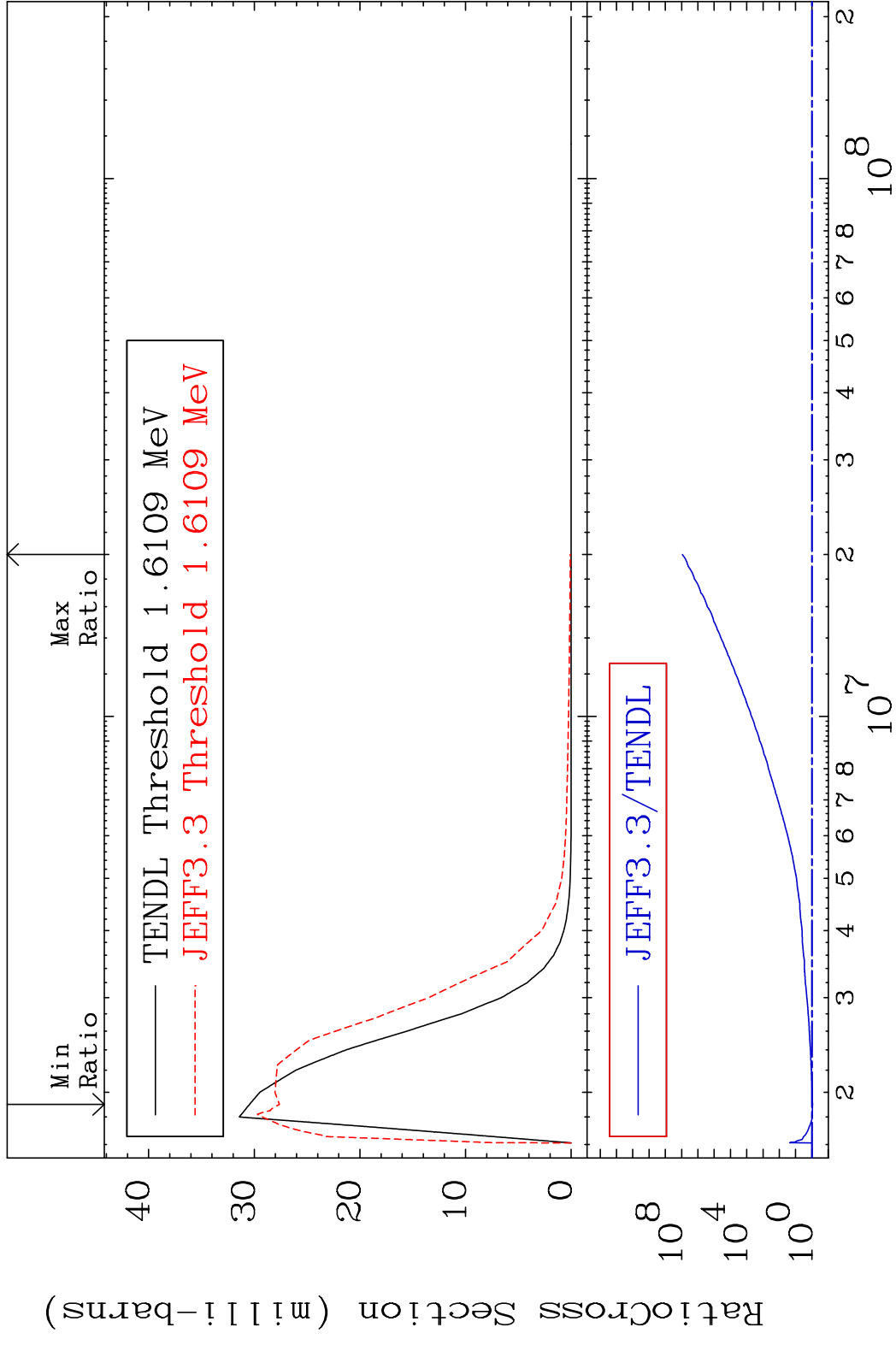
Incident Energy (eV)

60-Nd-148

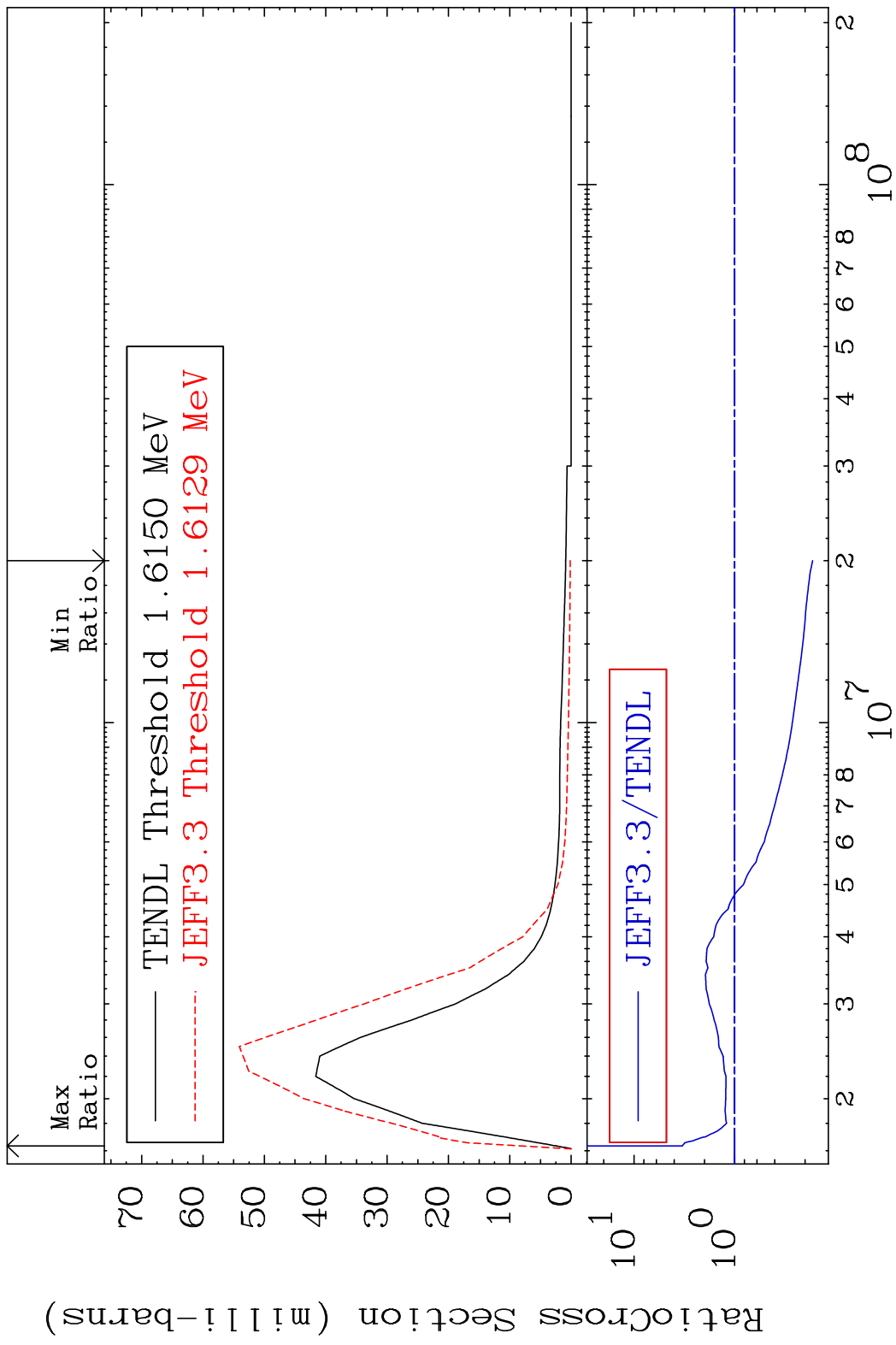
MAT 6043 MT= 66 (n,n') Level 60-Nd-148
 Cross Section -81.77 To 73.74 %



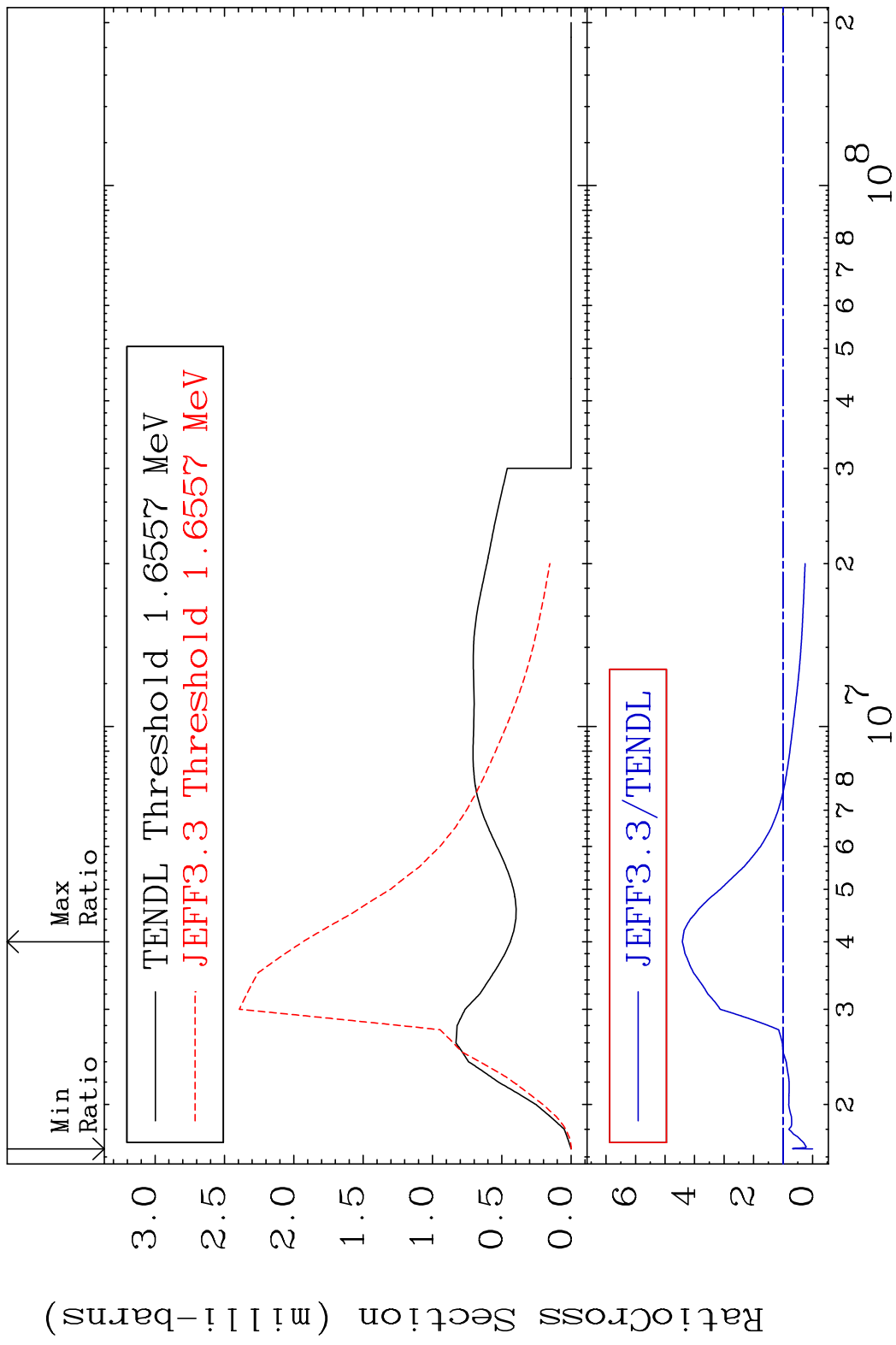
MAT 6043 MT= 67 (n, n') Level 60-Nd-148
 Cross Section -9.322 To 9999. %



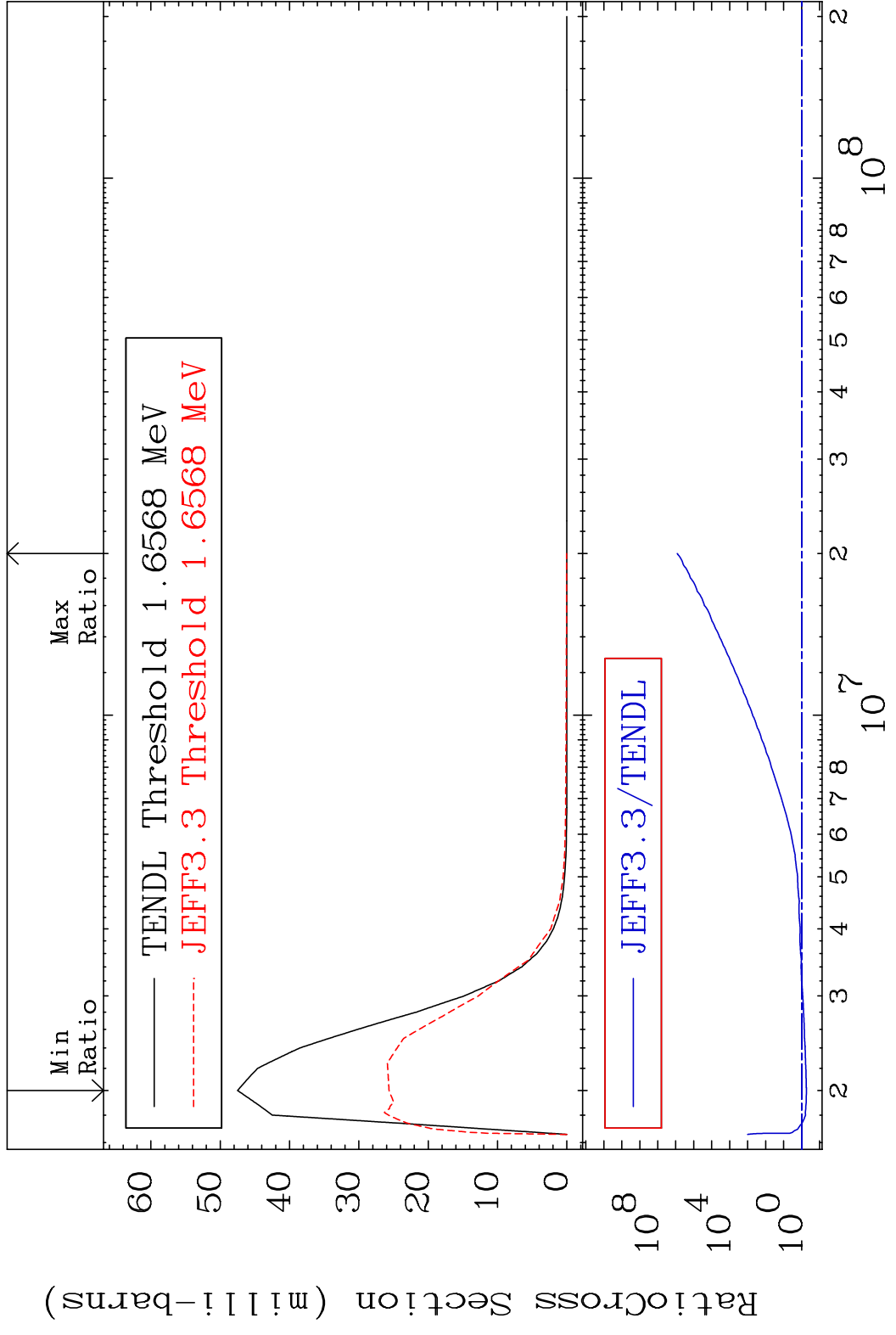
MAT 6043 MT= 68 (n, n') Level 60-Nd-148
 Cross Section -83.15 To 231.4 %



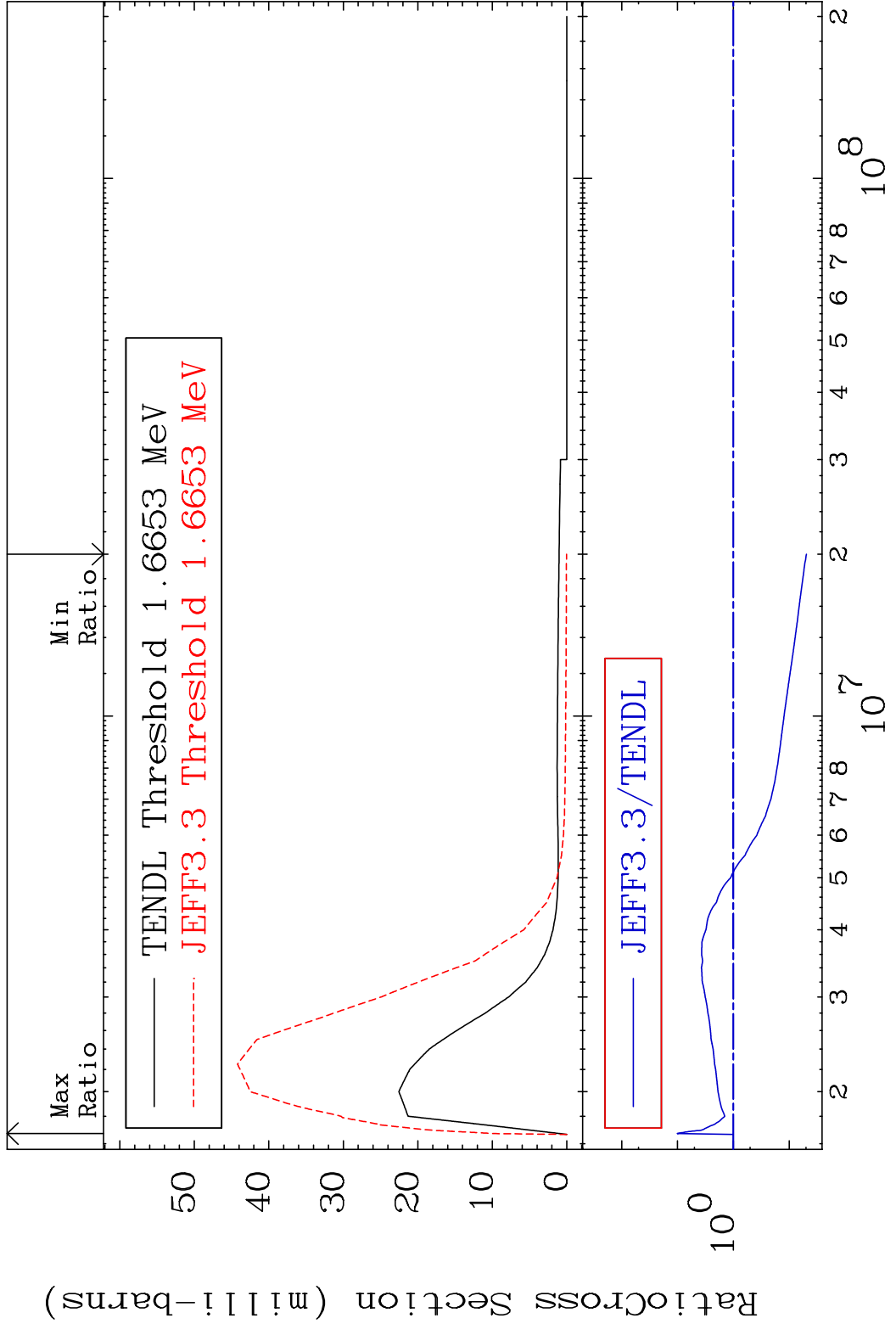
MAT 6043 MT= 69 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 341.3 %



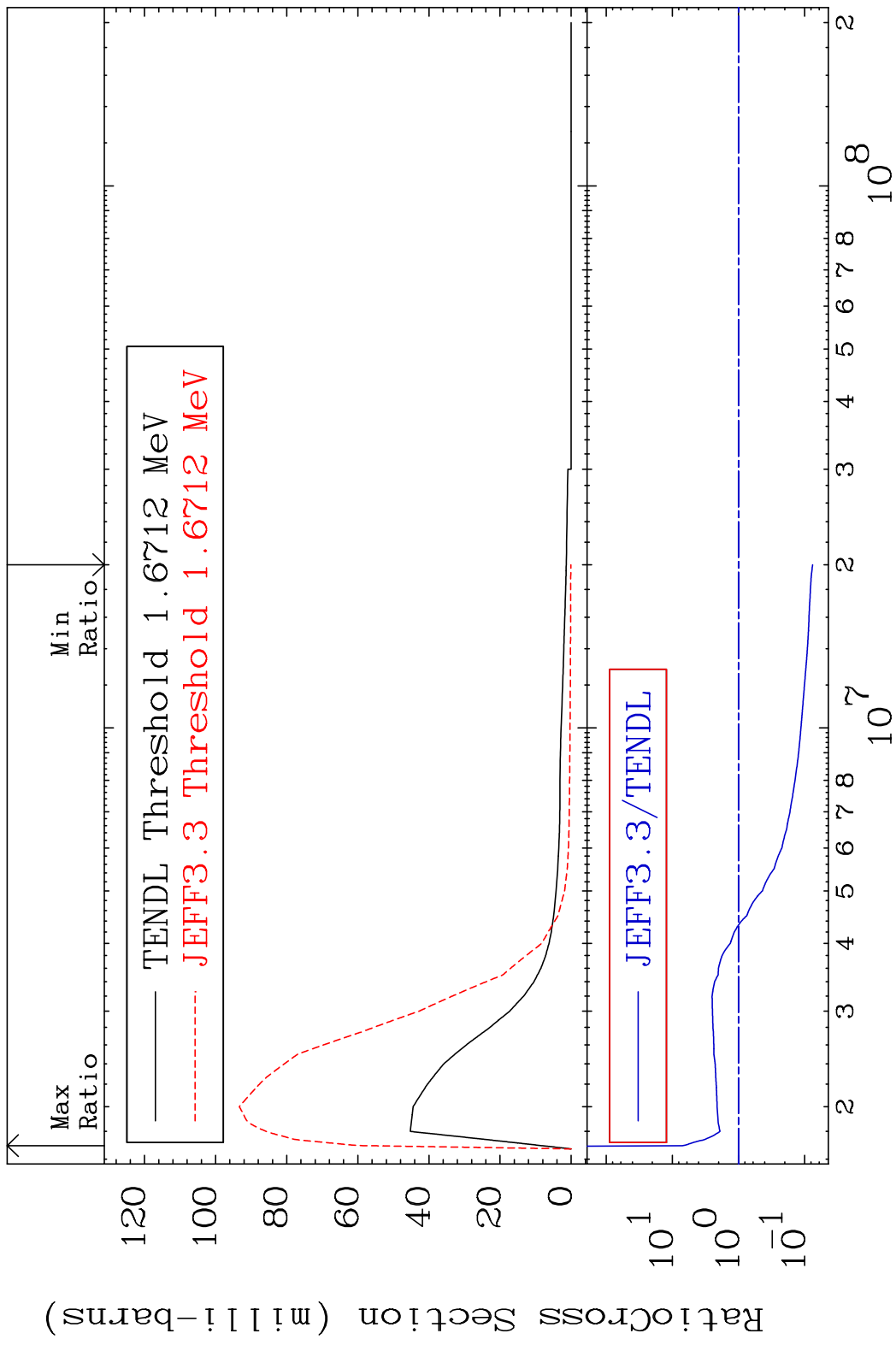
MAT 6043 MT= 70 (n, n') Level 60-Nd-148
 Cross Section -46.01 To 9999. %



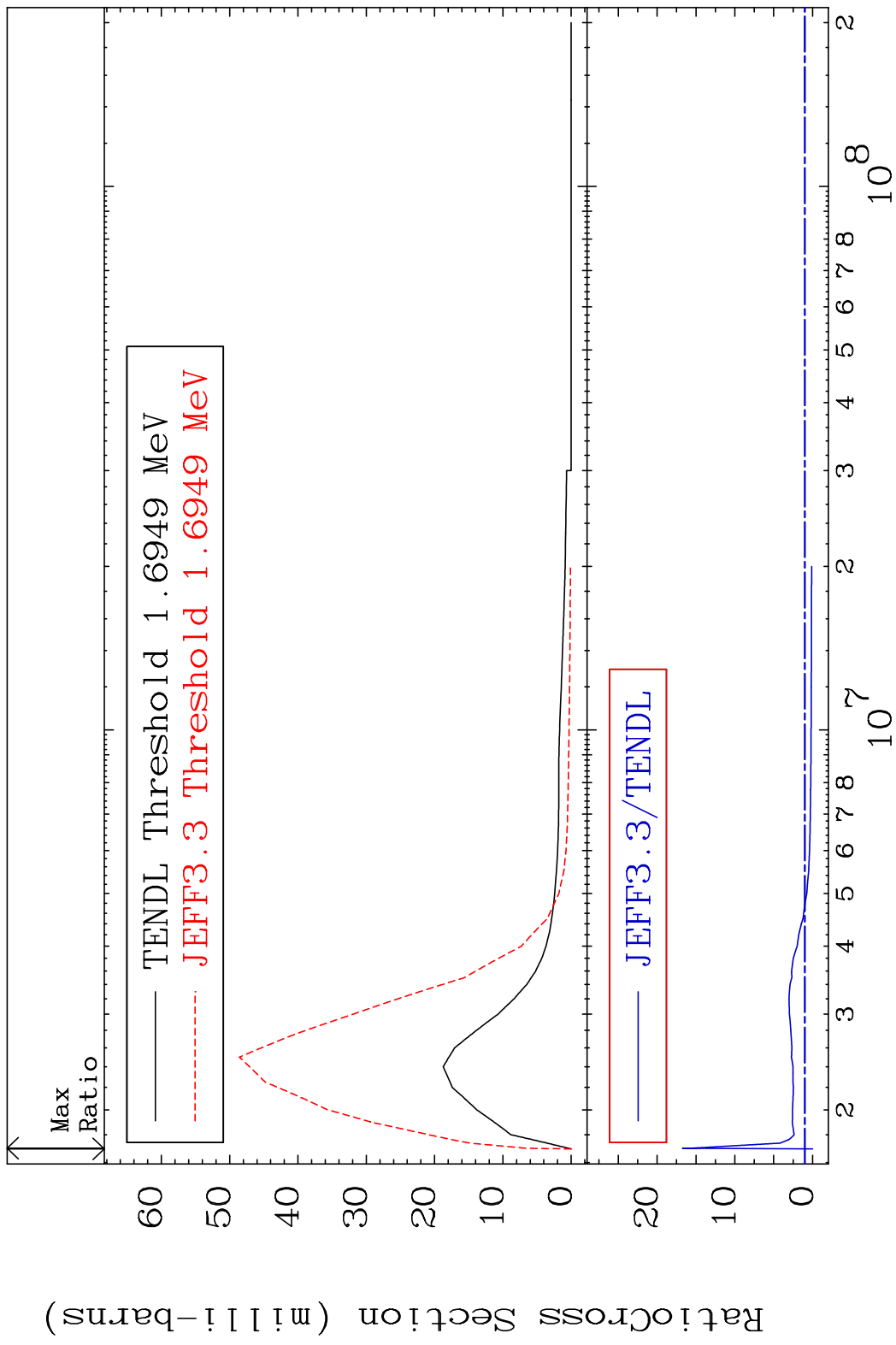
MAT 6043 MT= 71 (n,n') Level 60-Nd-148
 Cross Section -95.08 To 915.0 %



MAT 6043 MT= 72 (n, n') Level 60-Nd-148
 Cross Section -92.41 To 604.8 %

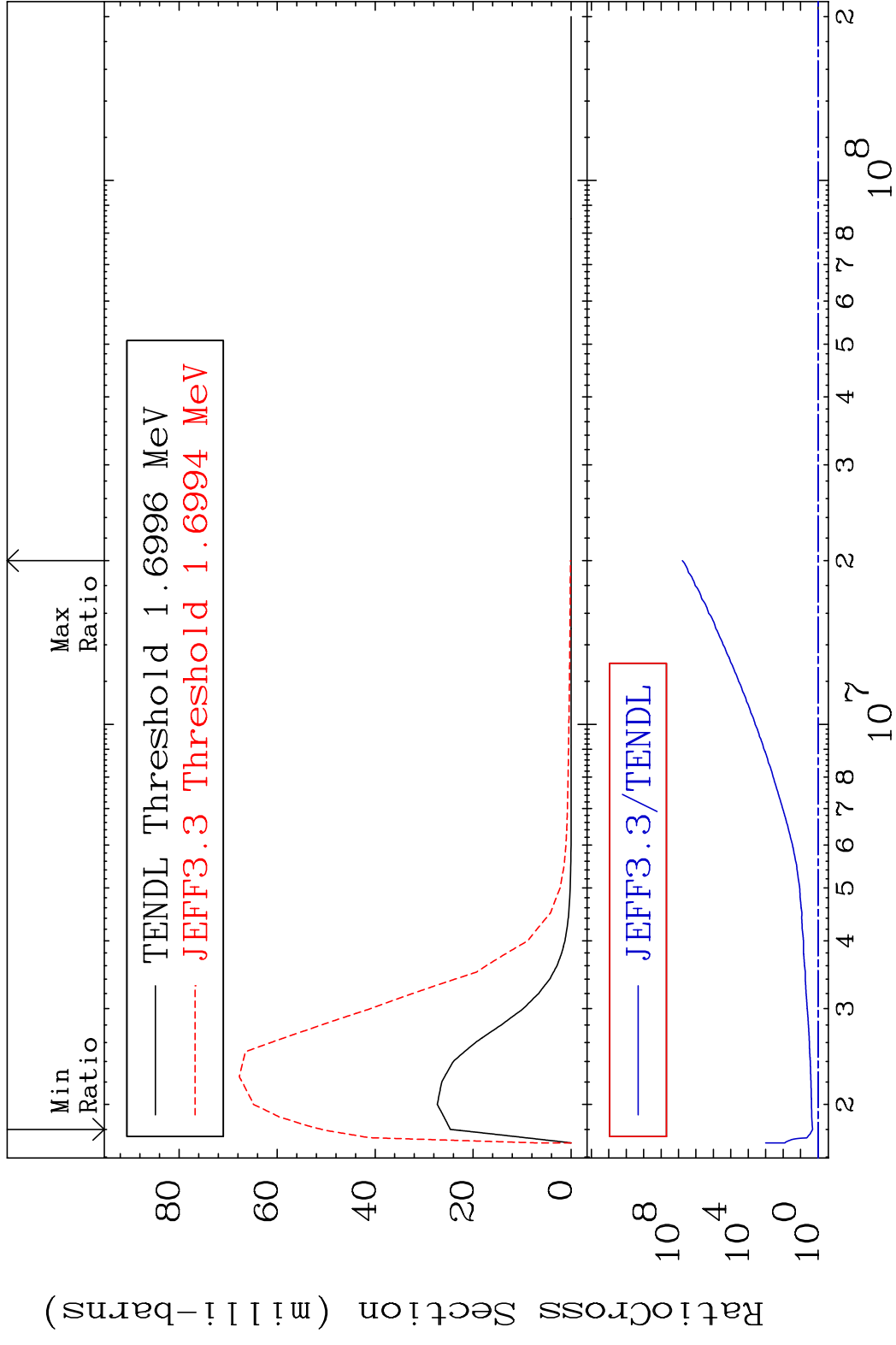


MAT 6043 MT= 73 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 1575. %

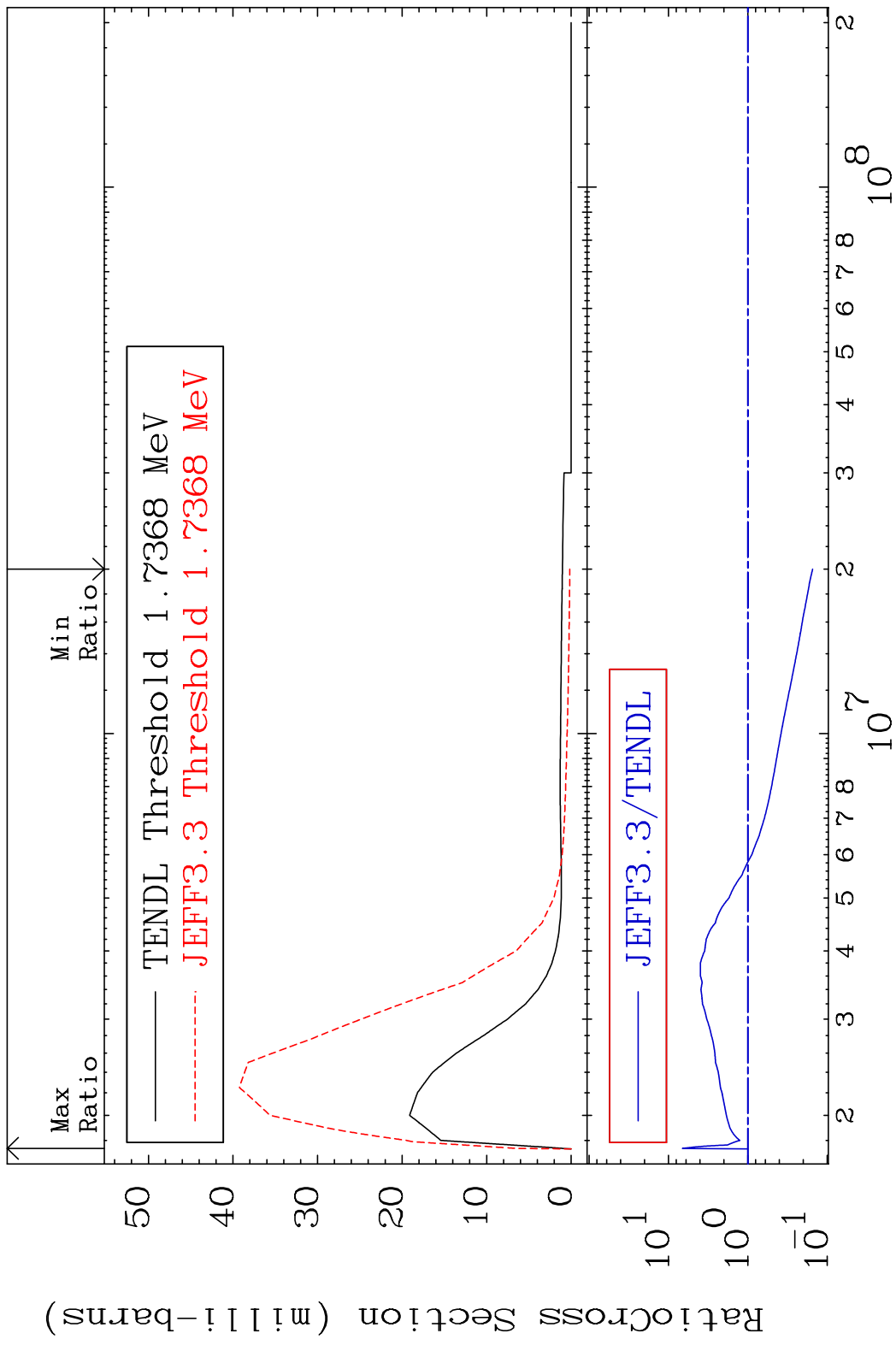


33 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 74 (n, n') Level 60-Nd-148
 Cross Section 106.3 To 9999. %

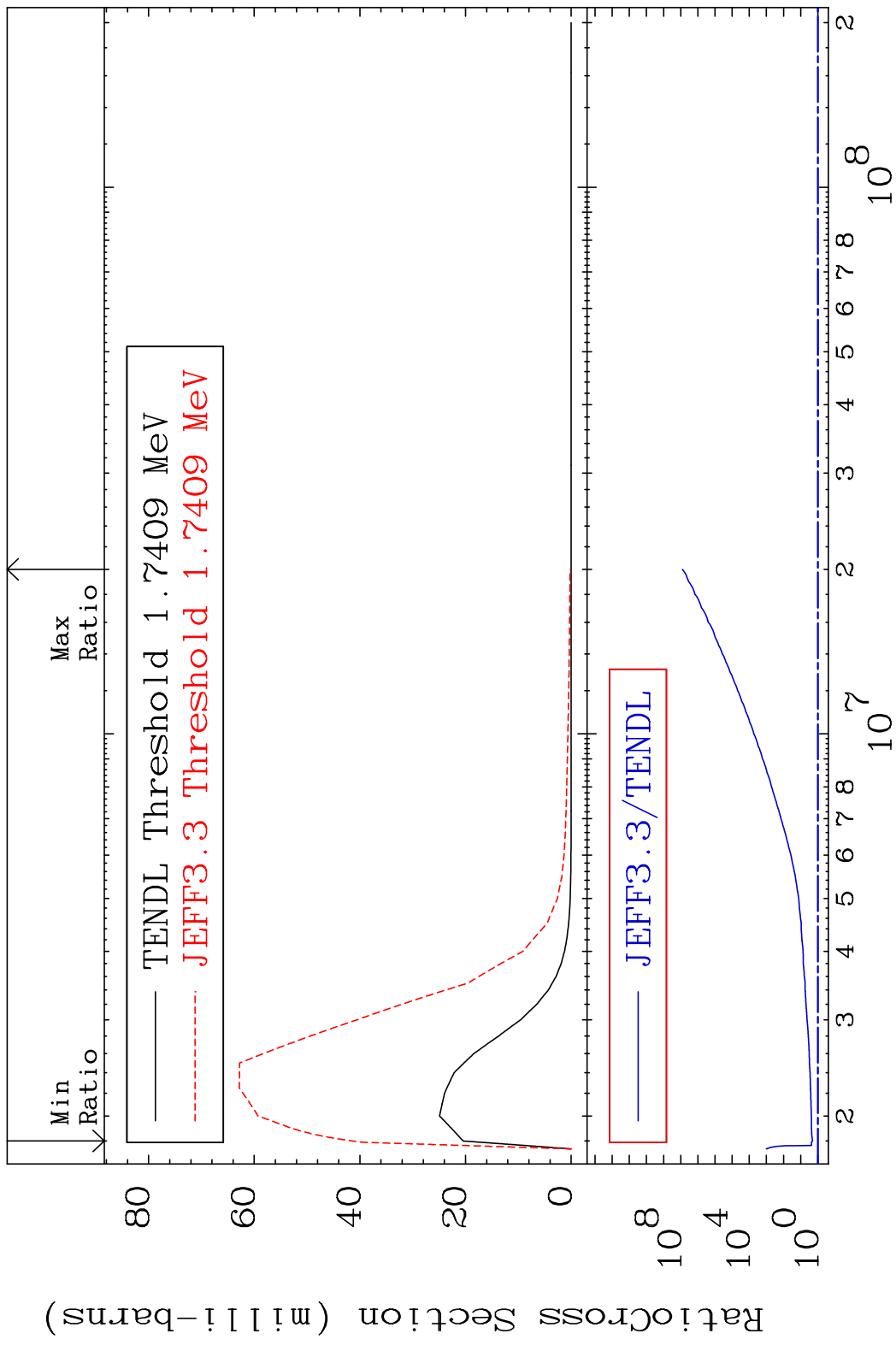


MAT 6043 MT= 75 (n,n') Level 60-Nd-148
 Cross Section -84.70 To 568.3 %

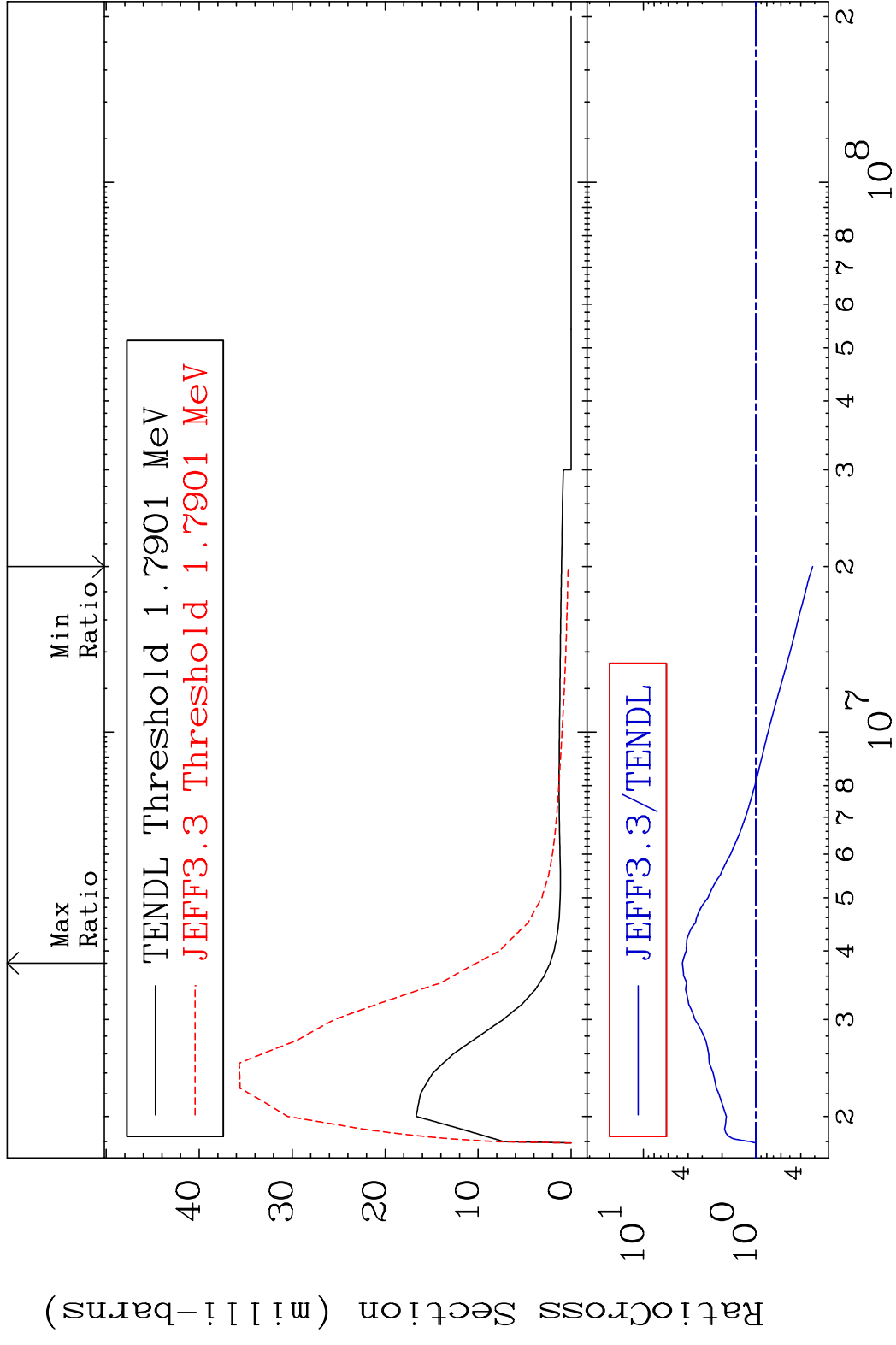


35 Incident Energy (eV) 60-Nd-148

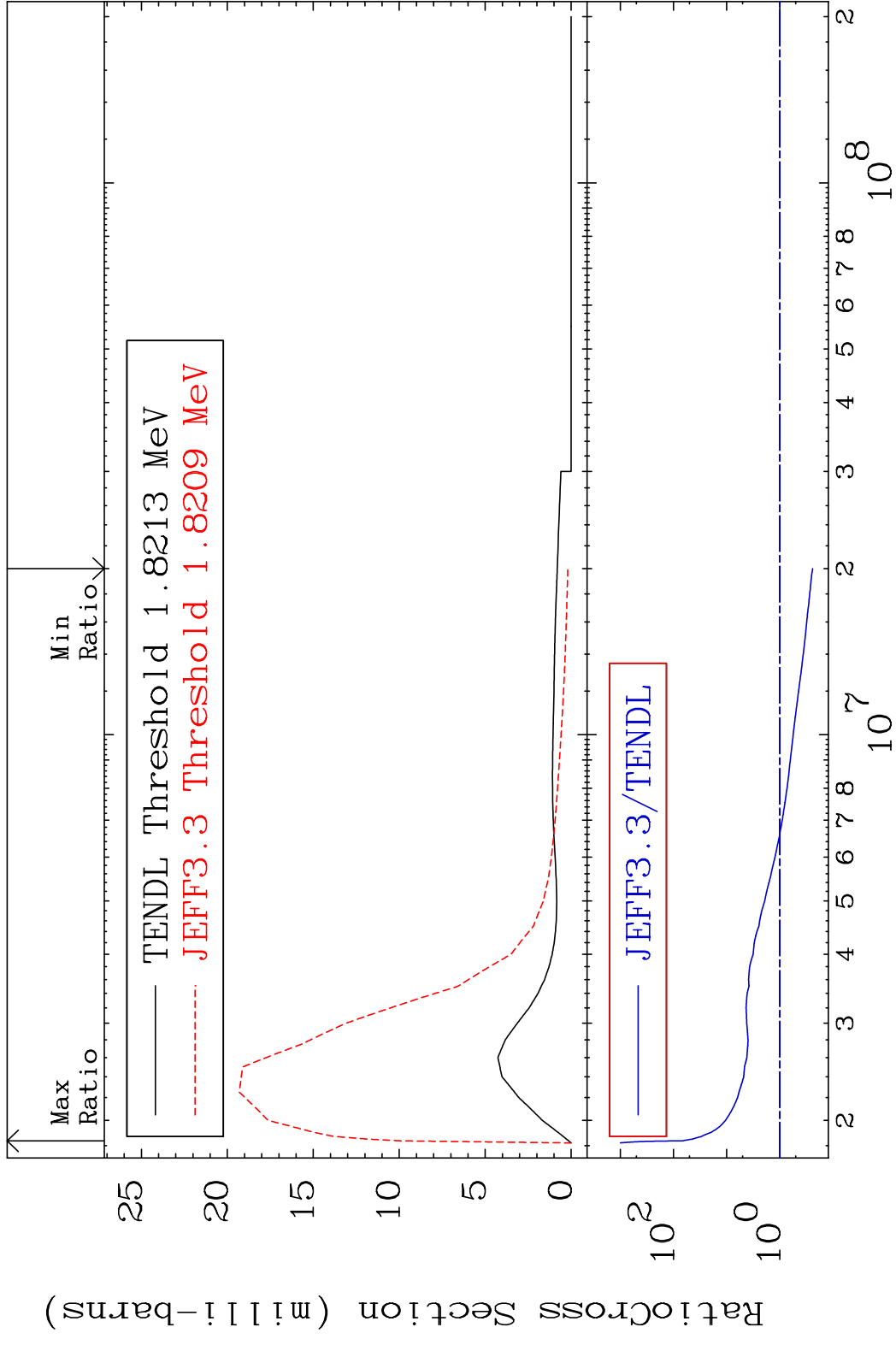
MAT 6043 MT= 76 (n, n') Level 60-Nd-148
 Cross Section 102.4 To 9999. %



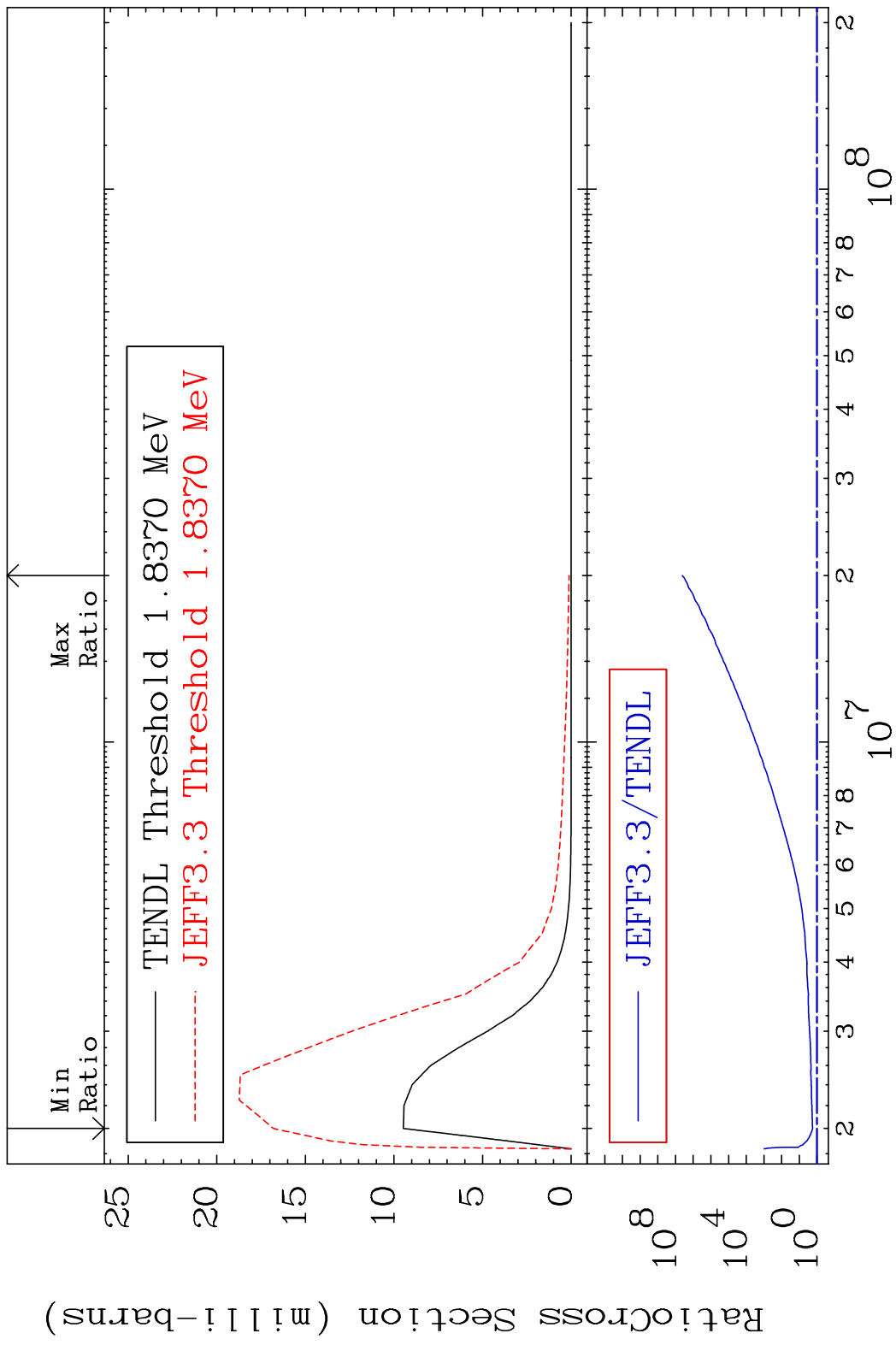
MAT 6043 MT= 77 (n, n') Level 60-Nd-148
 Cross Section -68.65 To 349.7 %



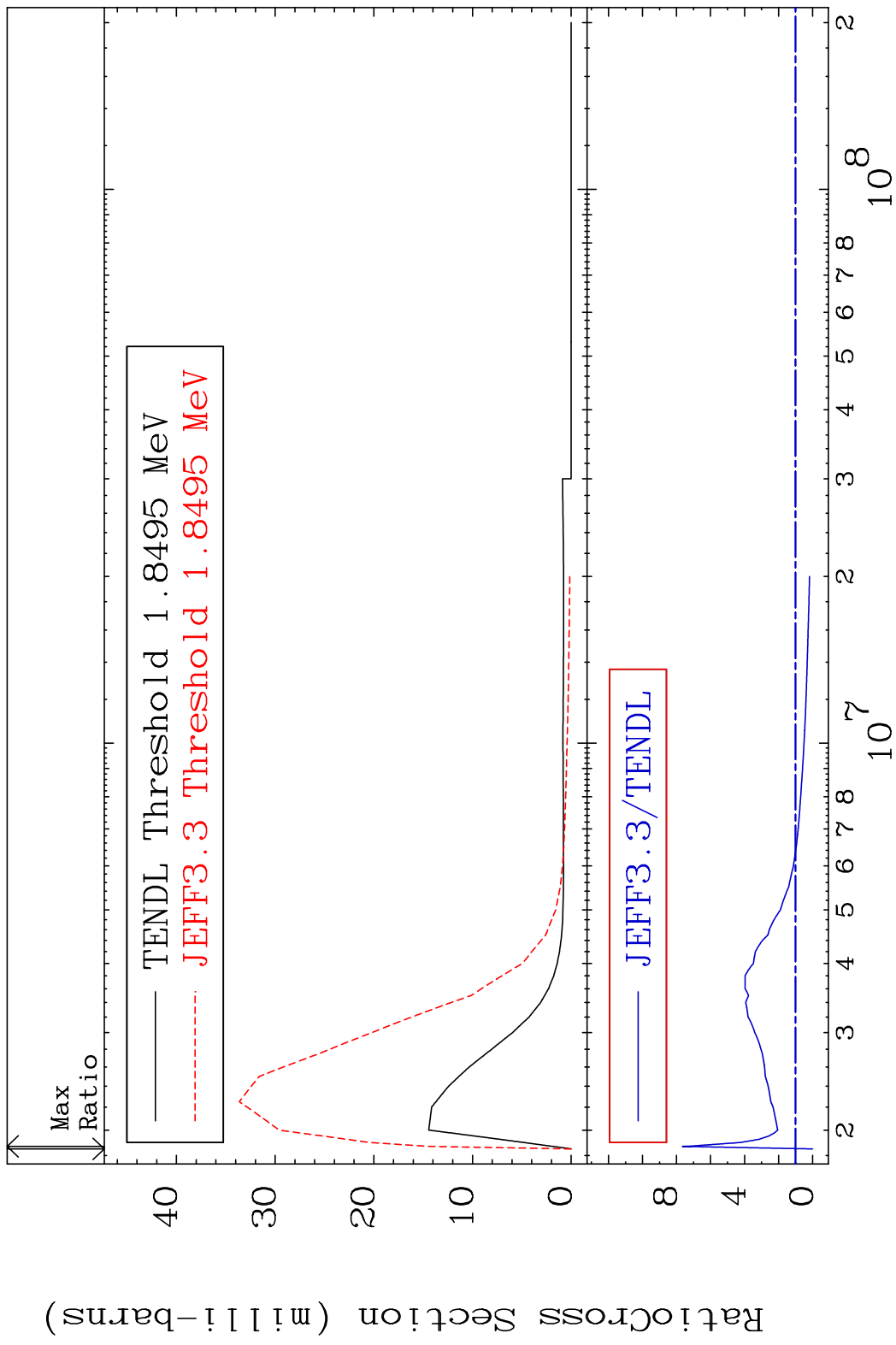
MAT 6043 MT= 78 (n, n') Level 60-Nd-148
 Cross Section -75.85 To 6702. %



MAT 6043 MT= 79 (n, n') Level 60-Nd-148
 Cross Section 77.45 To 9999. %



MAT 6043 MT= 80 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 665.7 %



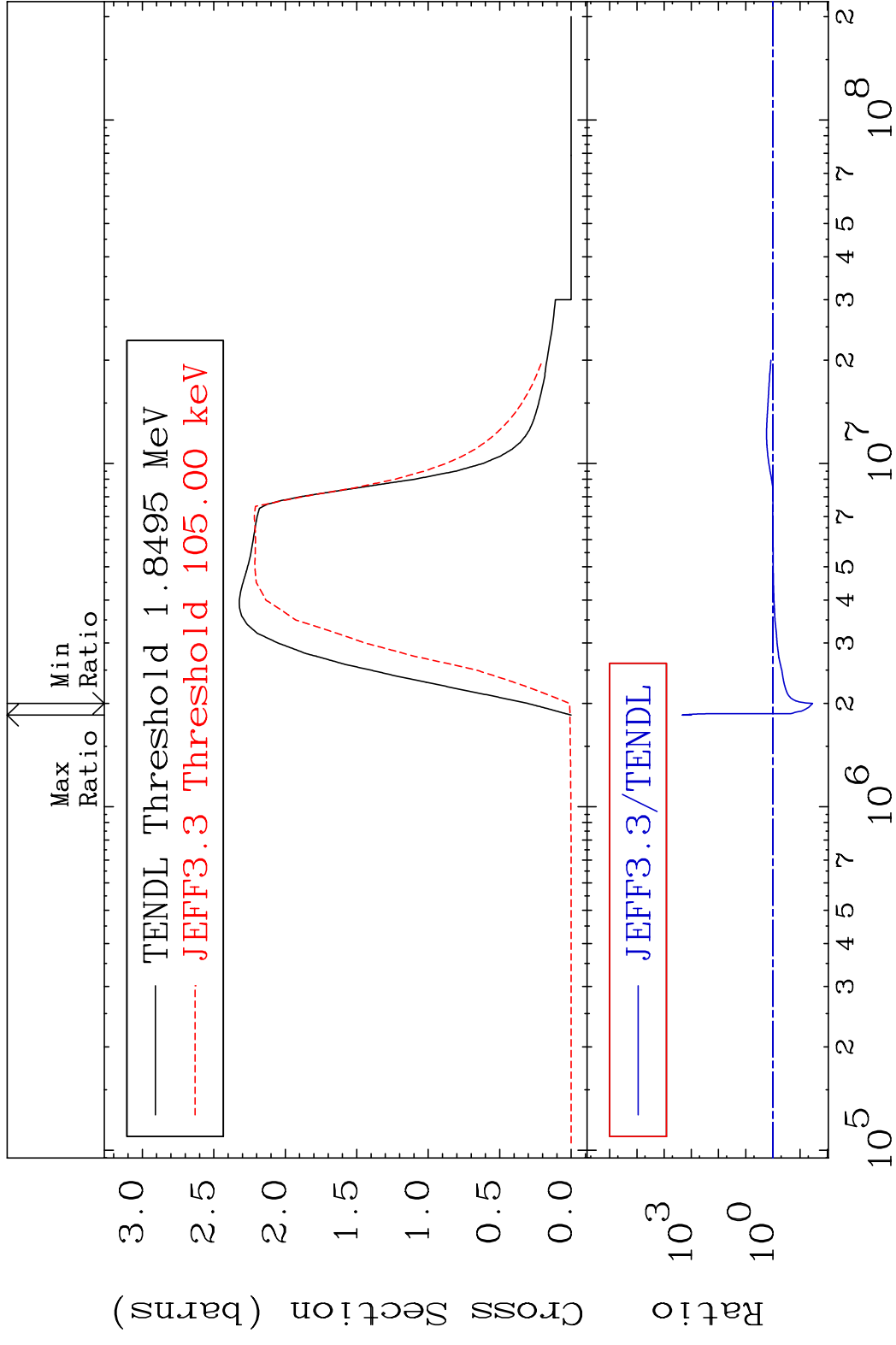
40 Incident Energy (eV) 60-Nd-148

MAT 6043

(n, n') Continuum

60-Nd-148

Cross Section -96.51 To 9999. %



41

Incident Energy (eV)

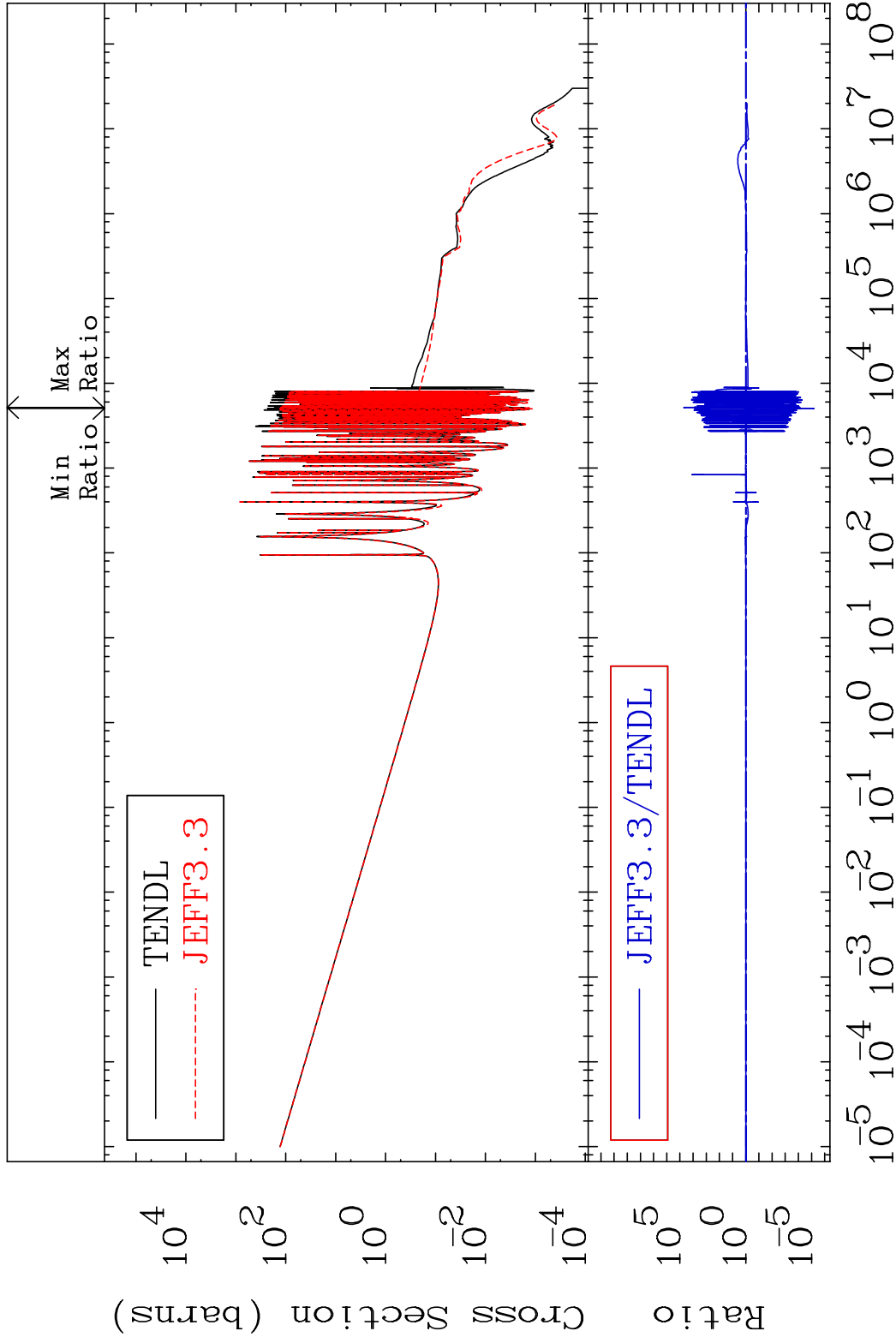
60-Nd-148

MAT 6043

(n, γ)

60-Nd-148

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

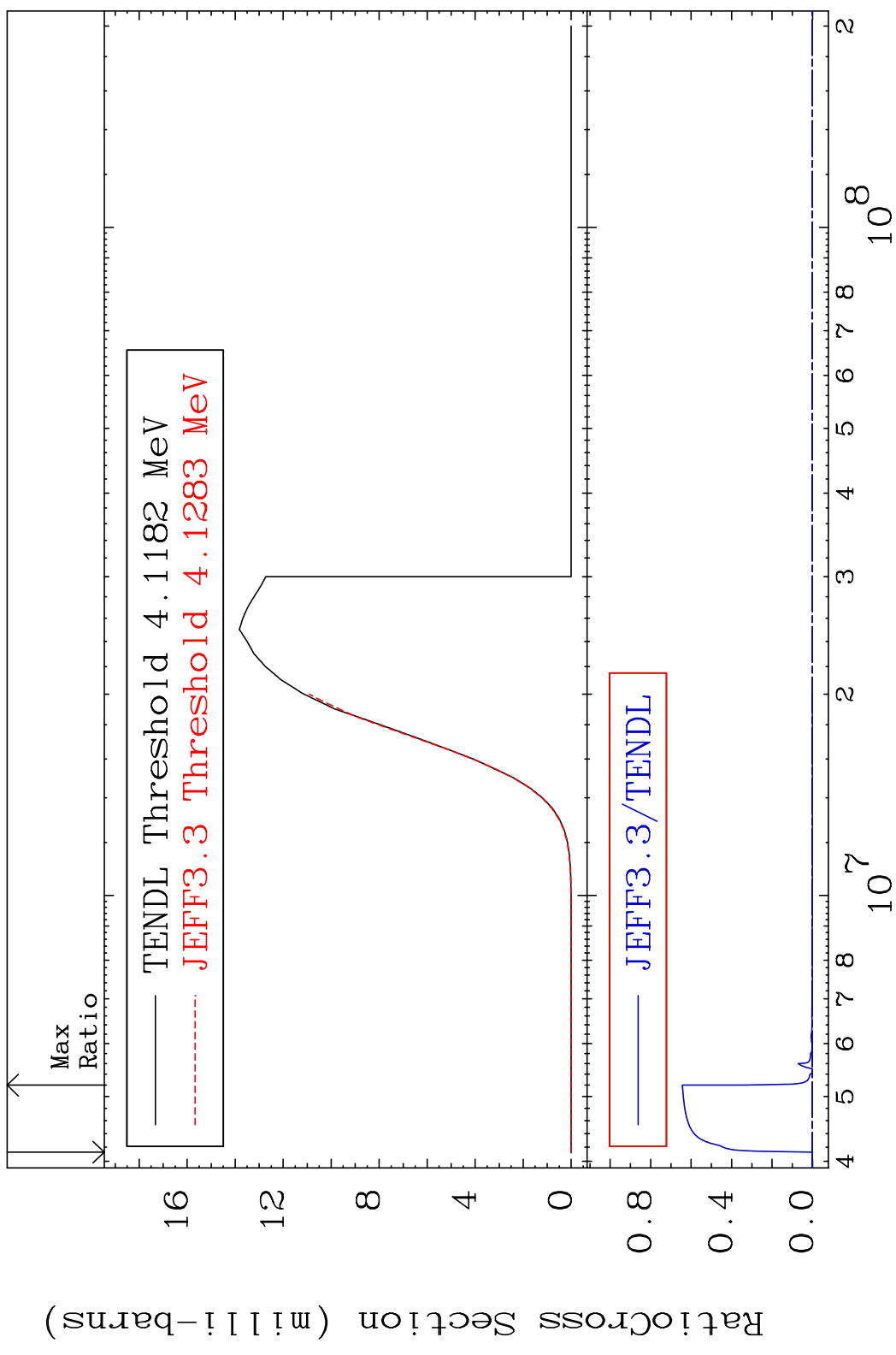
60-Nd-148

MAT 6043

(n,p)

60-Nd-148

Cross Section -100.0 To 9999. %

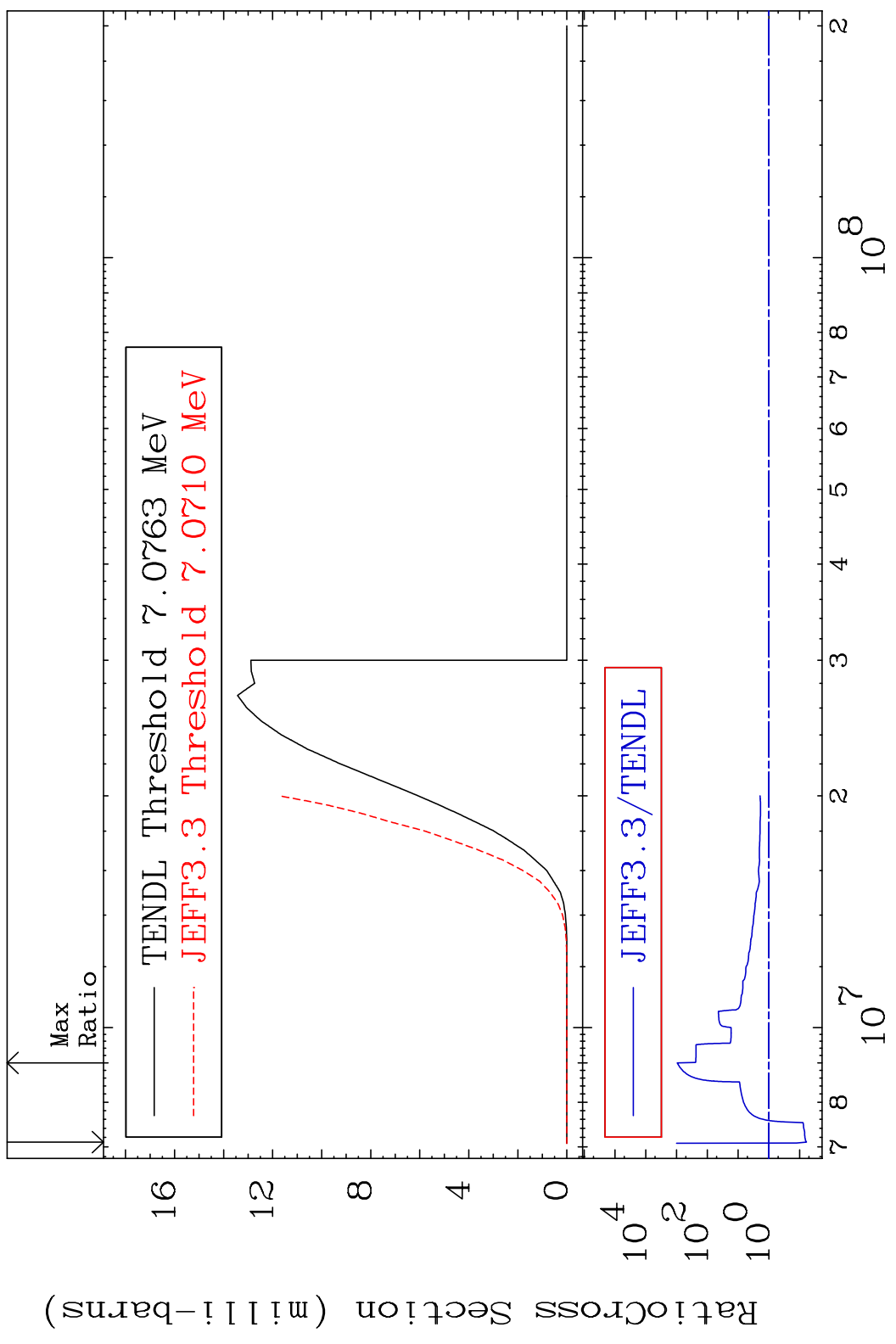


MAT 6043

(n,d)

60-Nd-148

Cross Section -93.95 To 9999. %



44

Incident Energy (eV)

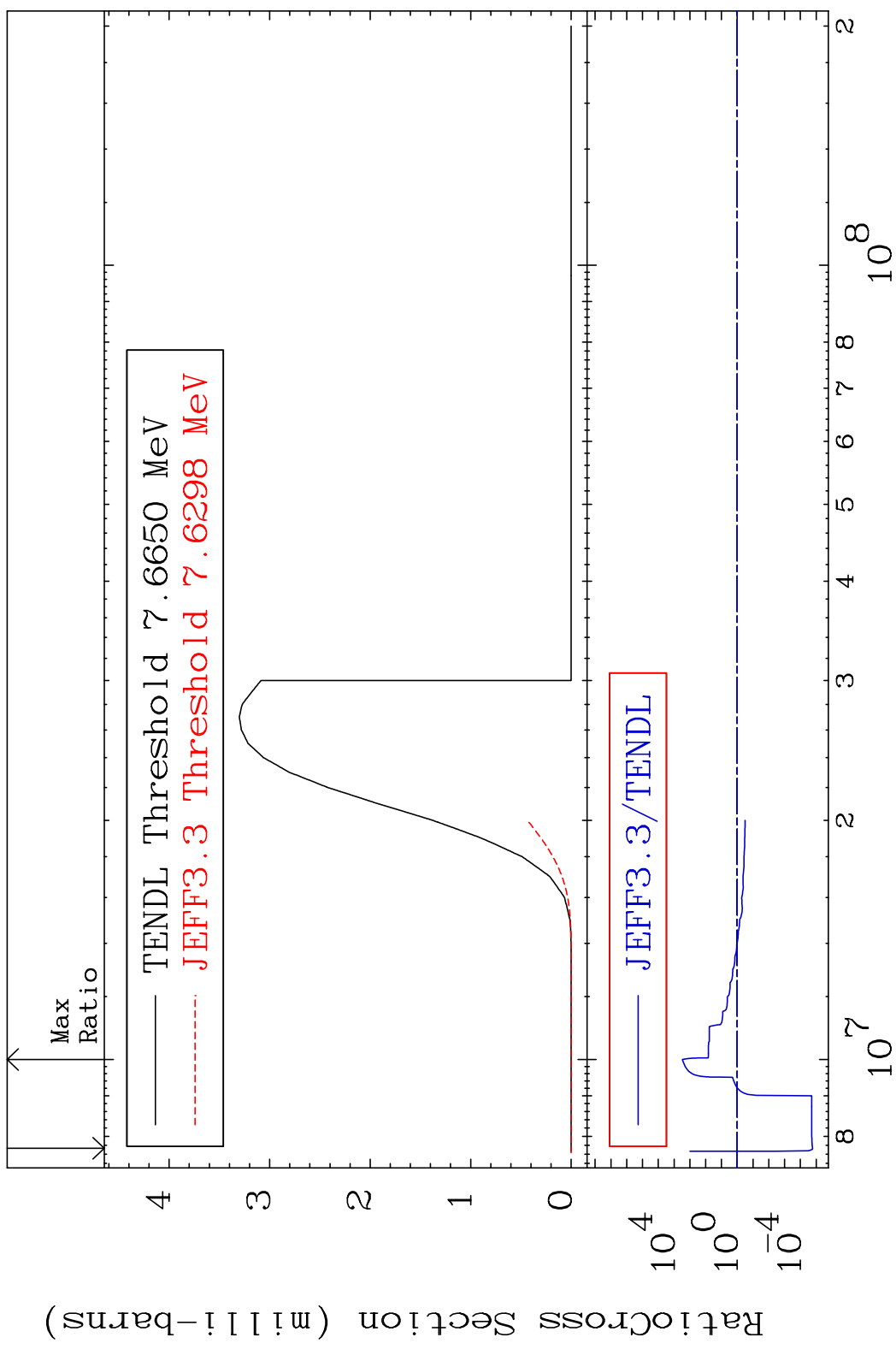
60-Nd-148

MAT 6043

(n, t)

60-Nd-148

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

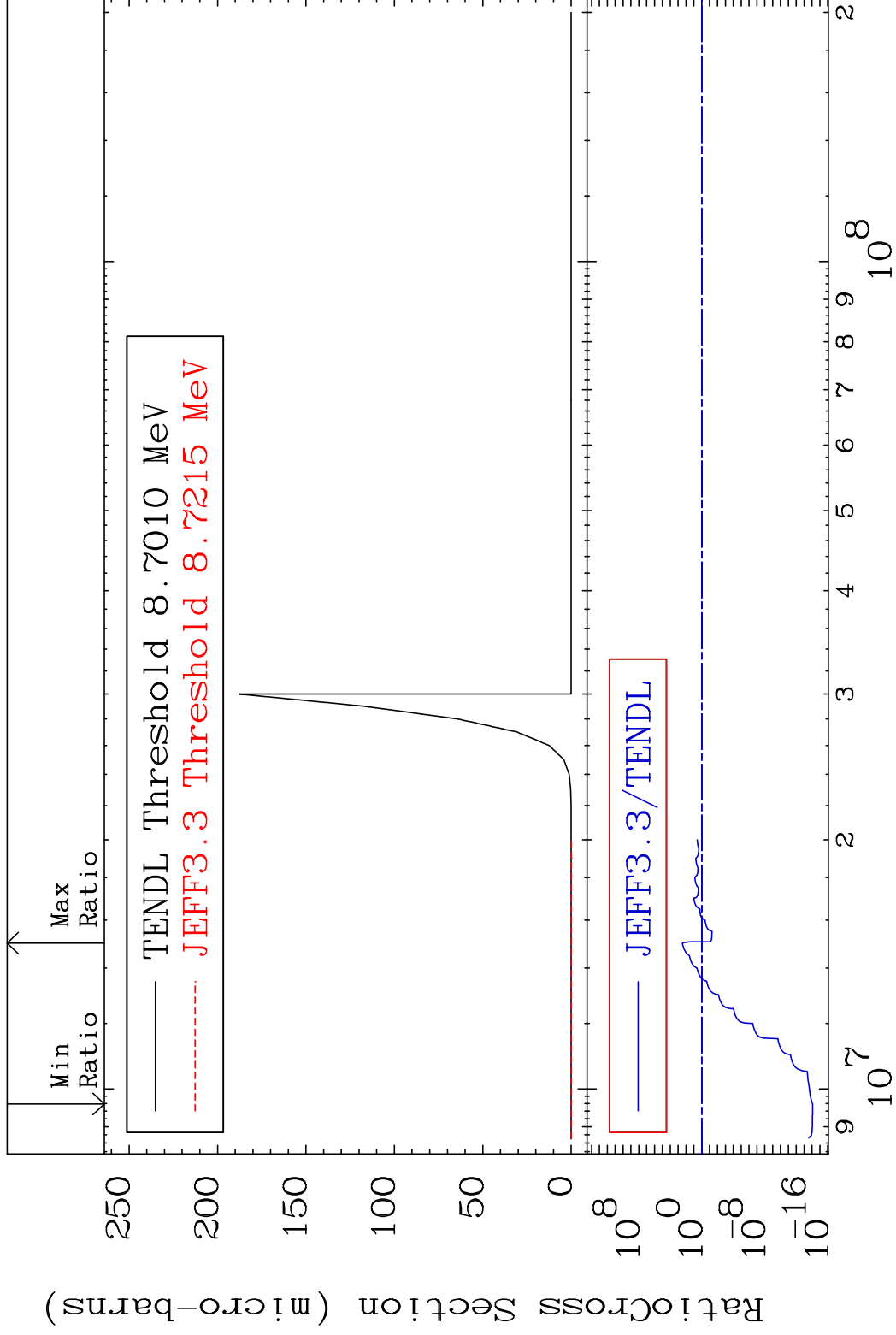
60-Nd-148

MAT 6043

(n, He-3)

60-Nd-148

Cross Section -100.0 To 9999. %



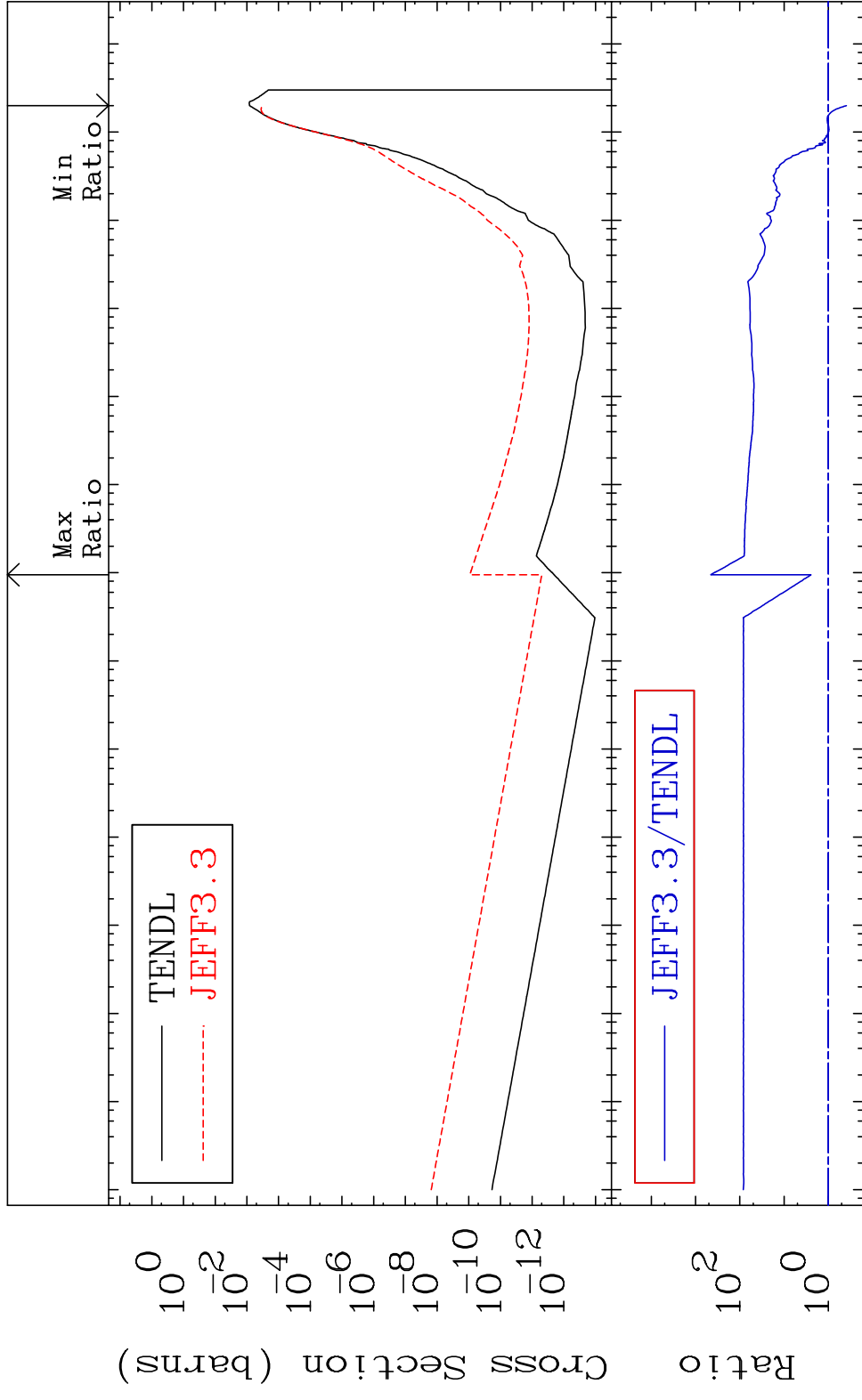
46

Incident Energy (eV)

60-Nd-148

MAT 6043

(n, α) Cross Section 60-Nd-148
-60.72 To 9999. %

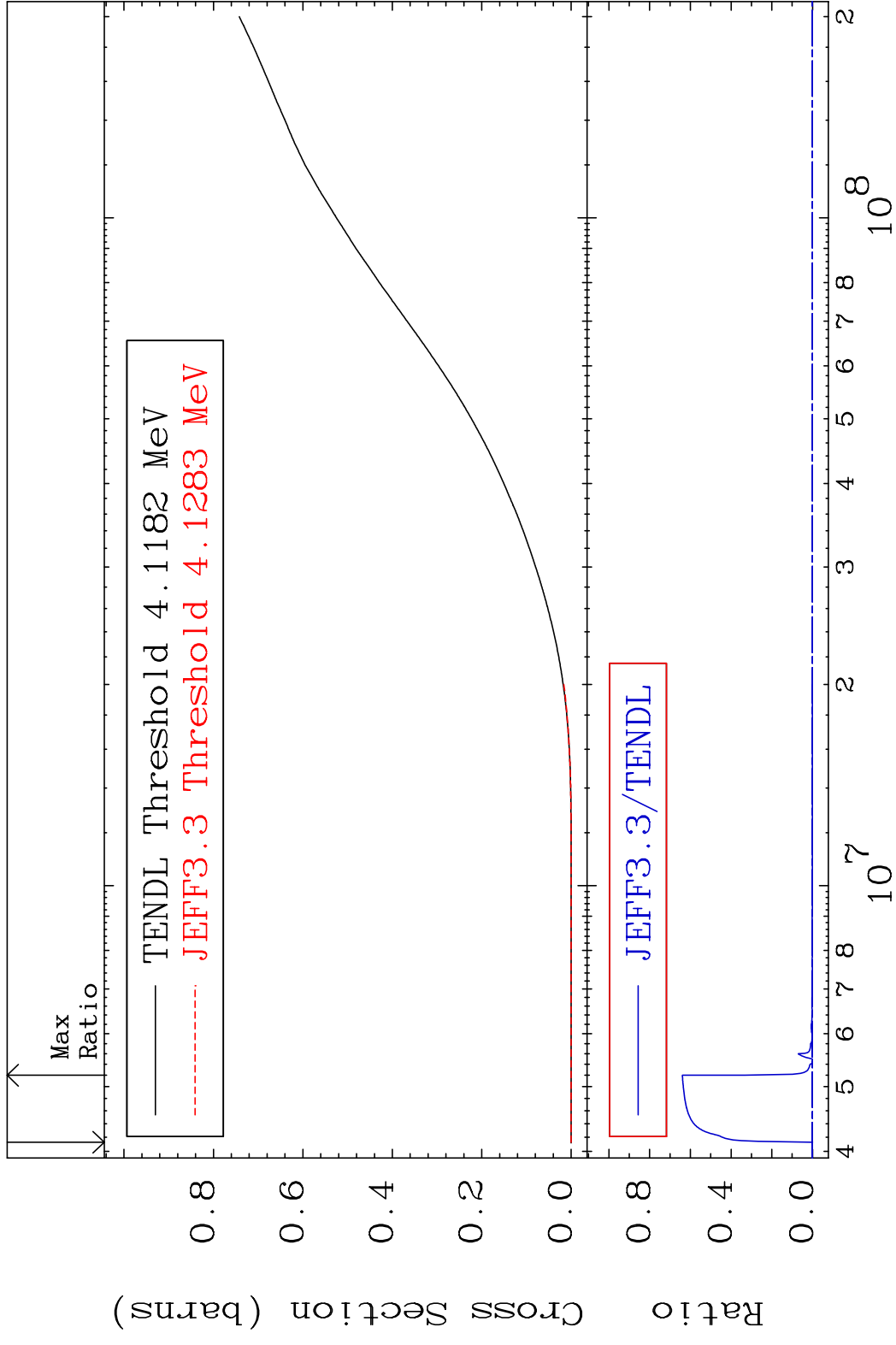


MAT 6043

Hydrogen Production

60-Nd-148

Cross Section -100.0 To 9999. %

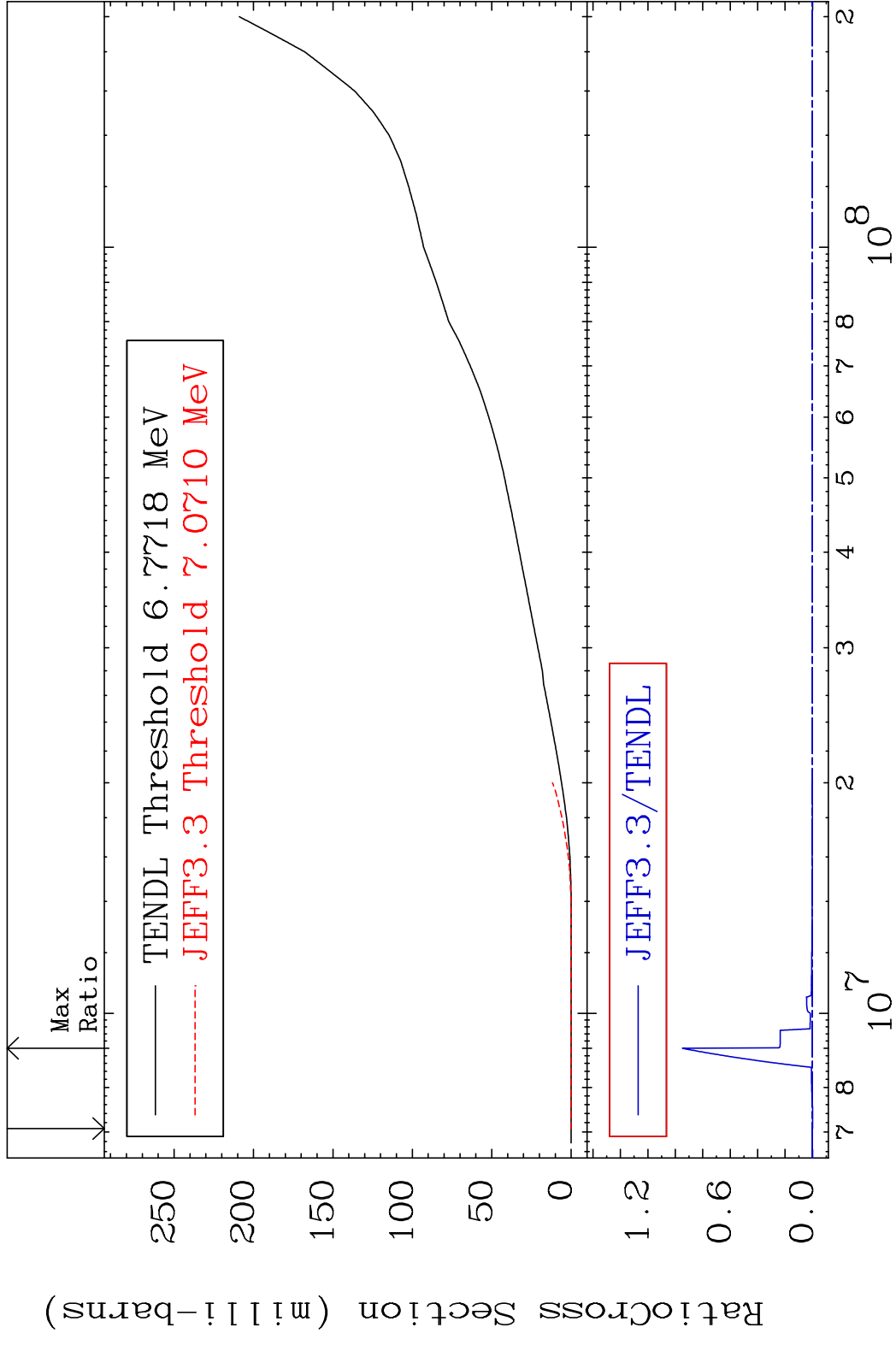


48

Incident Energy (eV)

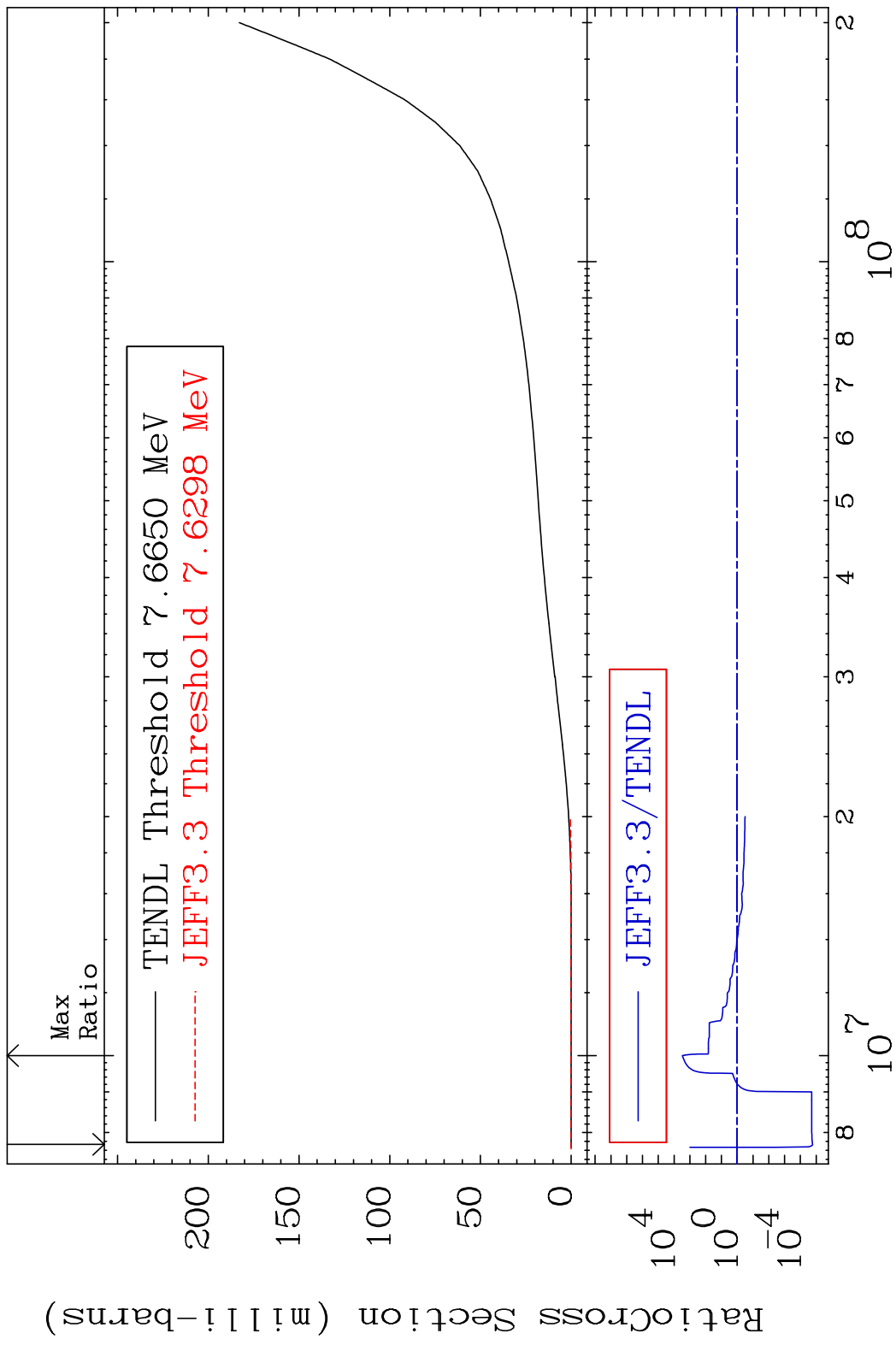
60-Nd-148

MAT 6043 Deuterium Production 60-Nd-148
 Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 60-Nd-148

MAT 6043 Tritium Production 60-Nd-148
 Cross Section -100.0 To 9999. %



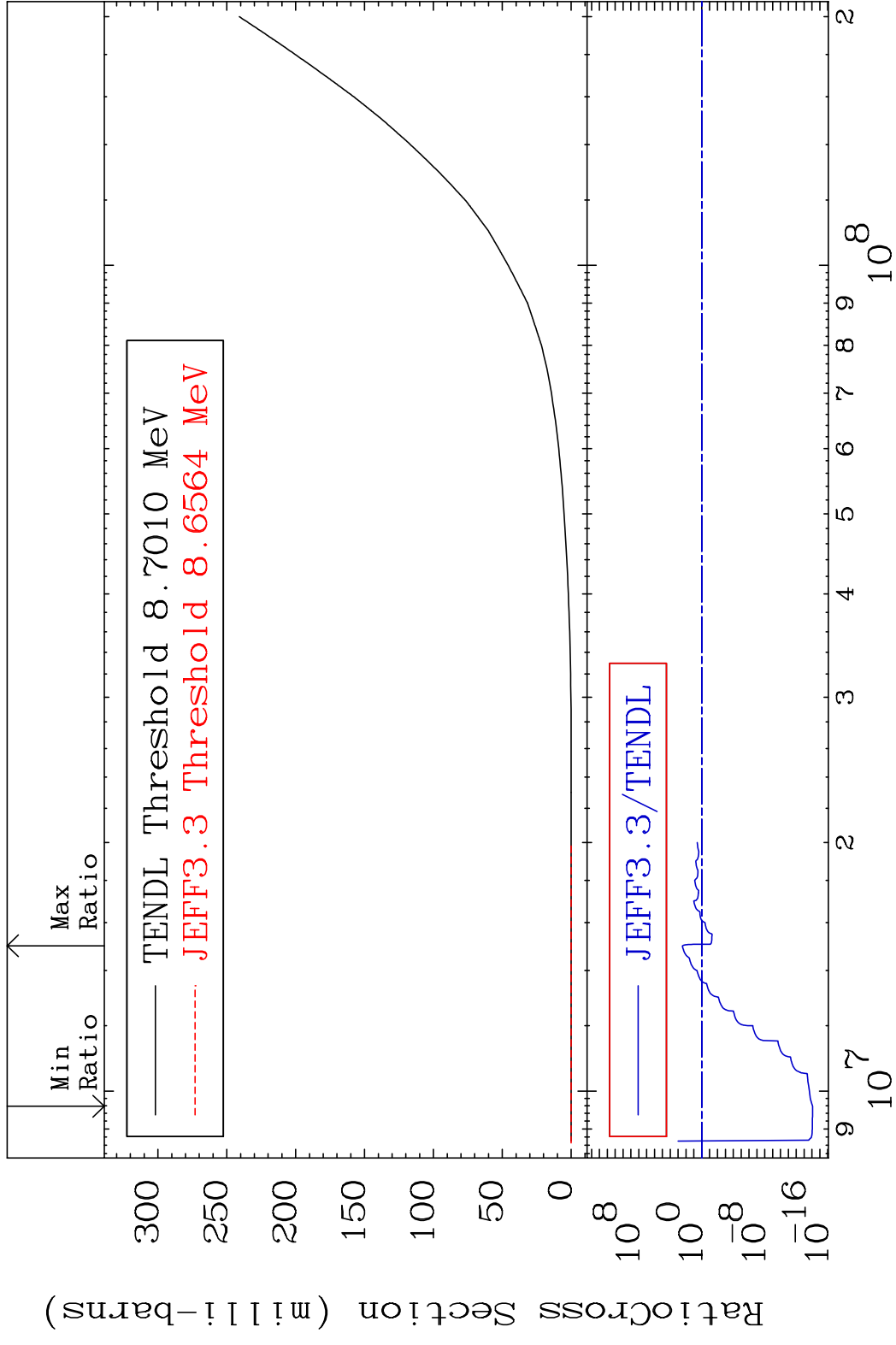
50 60-Nd-148

MAT 6043

He-3 Production

60-Nd-148

Cross Section -100.0 To 9999. %



51

Incident Energy (eV)

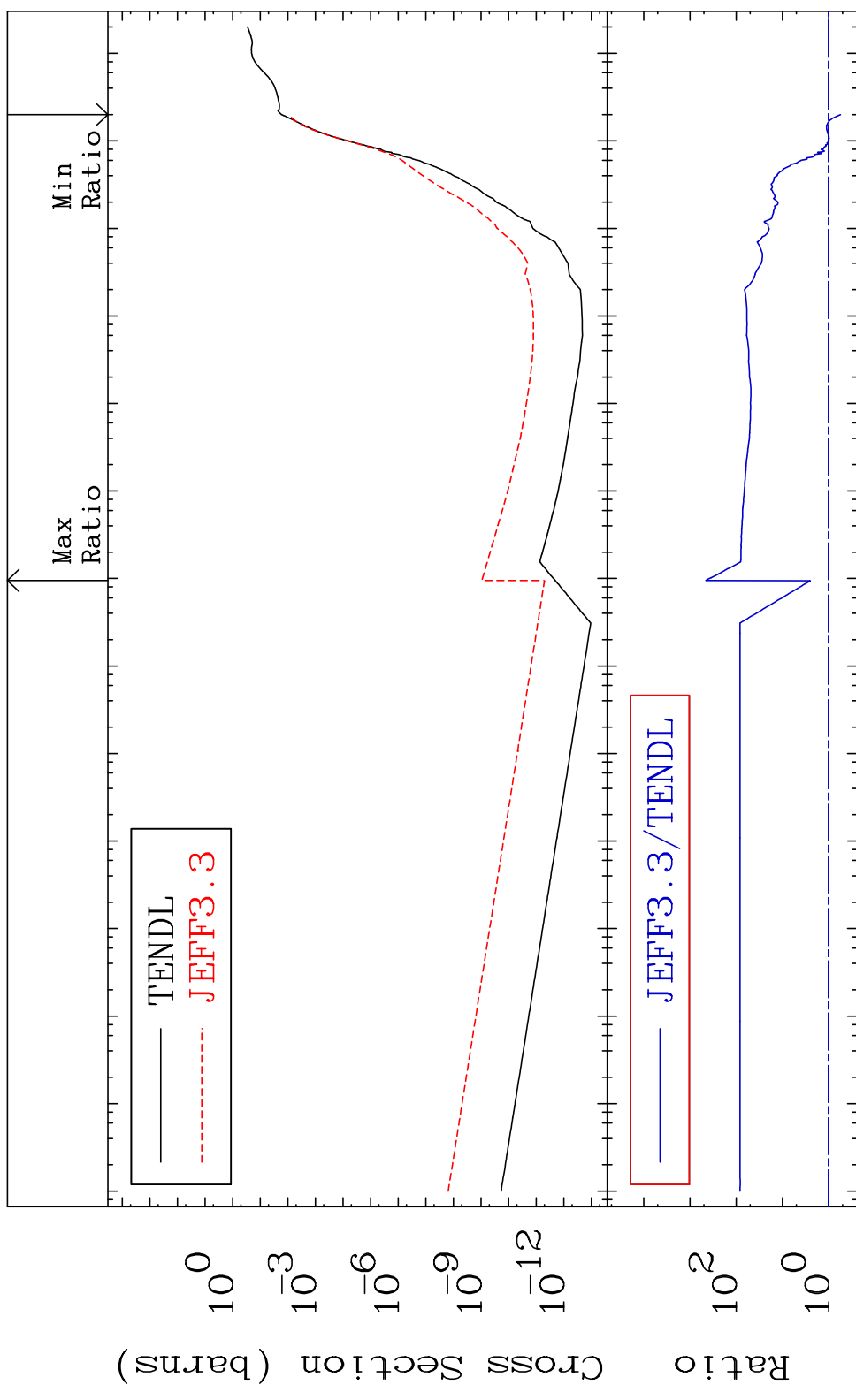
60-Nd-148

MAT 6043

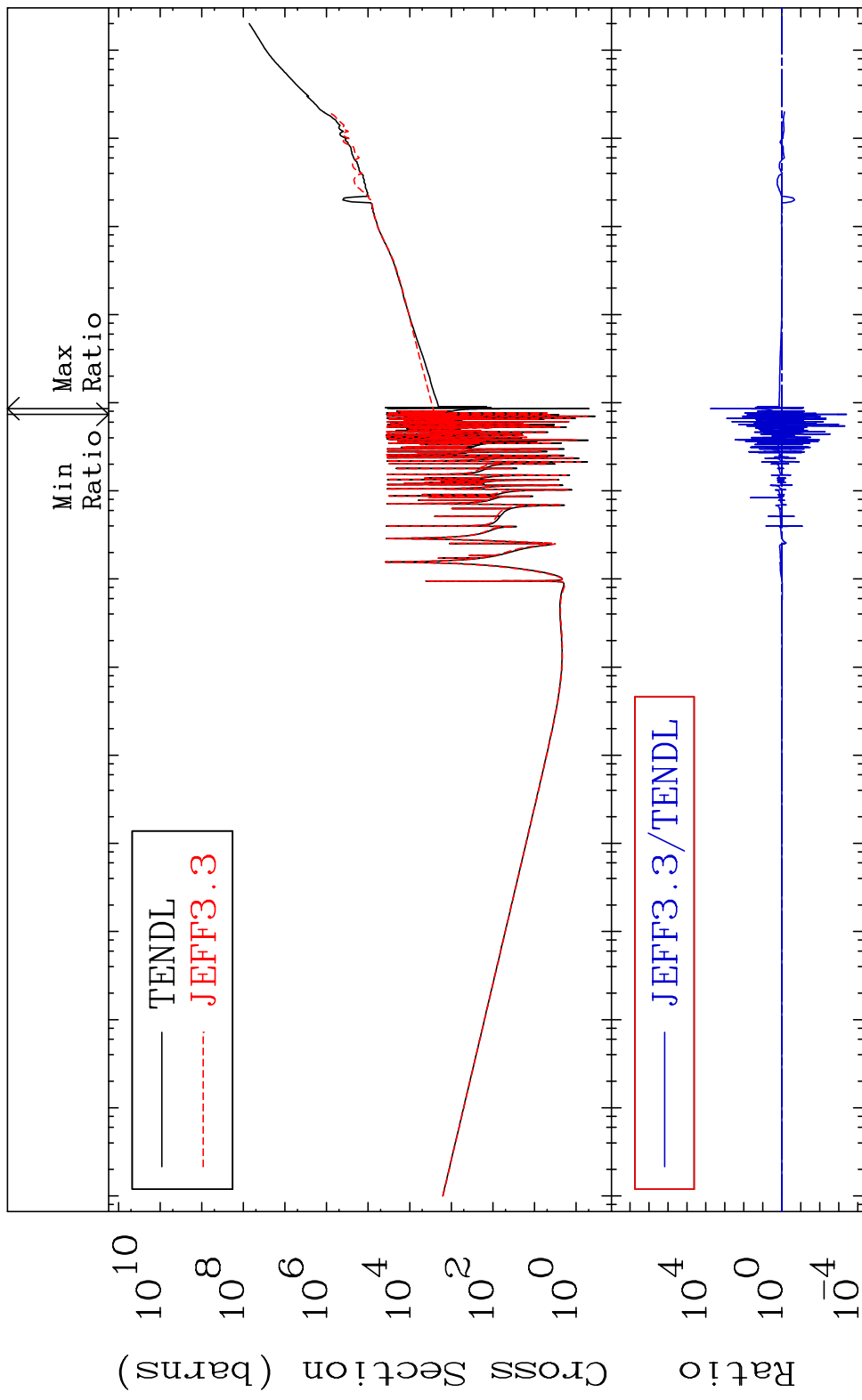
He-4 Production

60-Nd-148

Cross Section -44.36 To 9999. %



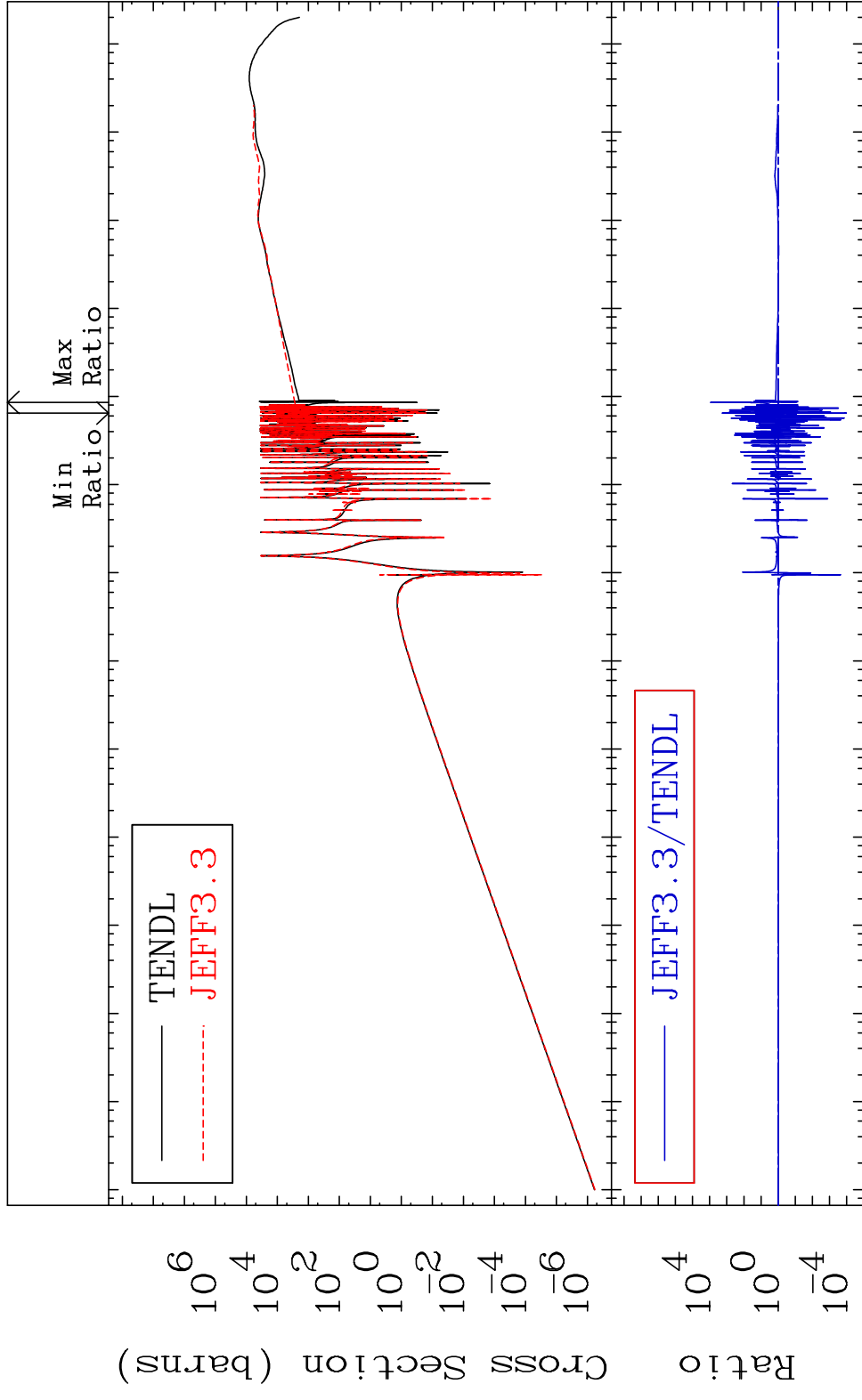
MAT 6043 Kerma total (eV-barns) 60-Nd-148
 Cross Section -99.96 To 9999. %



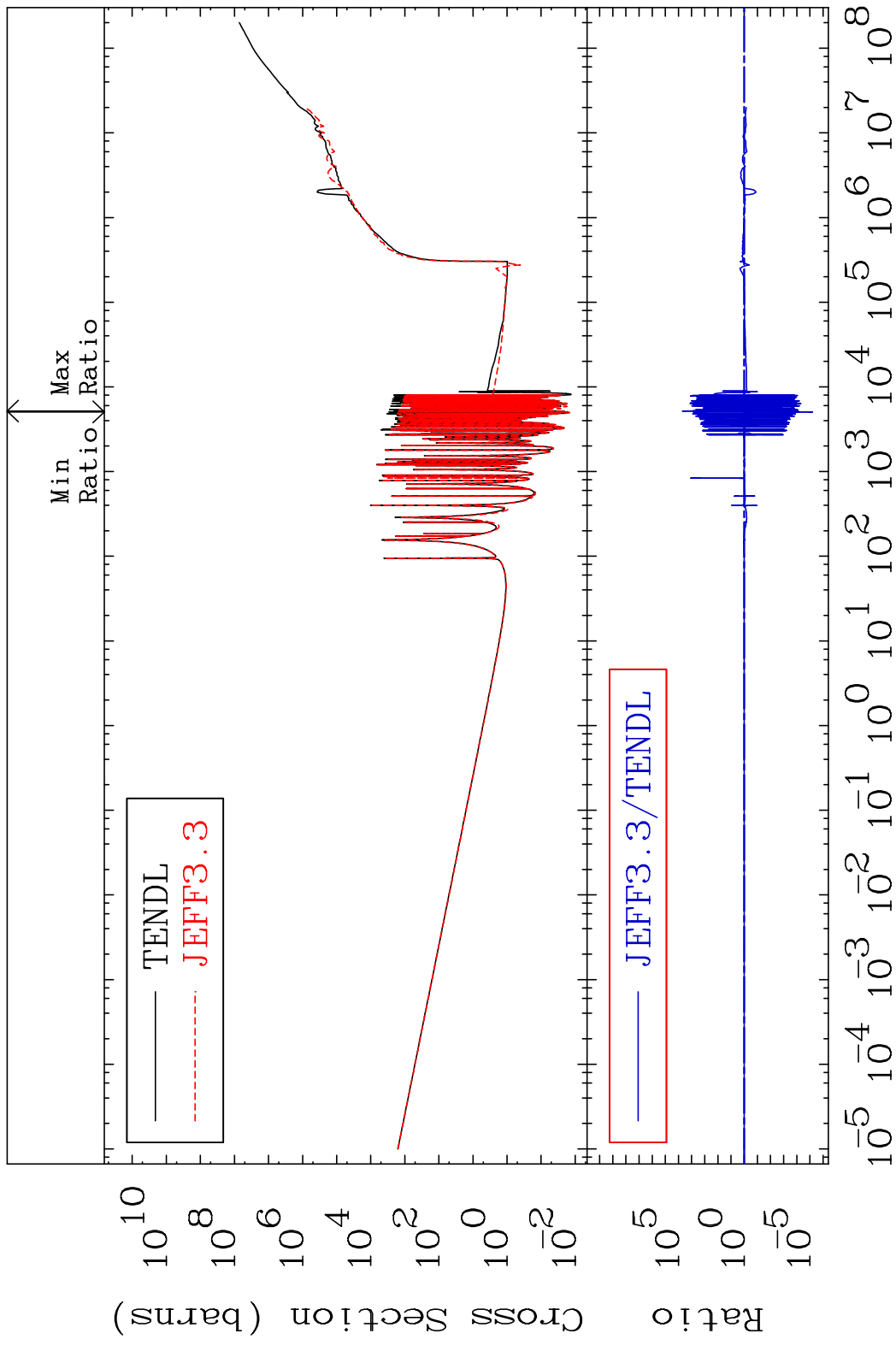
MAT 6043

Kerma elastic
Cross Section

60-Nd-148
-99.99 To 9999. %

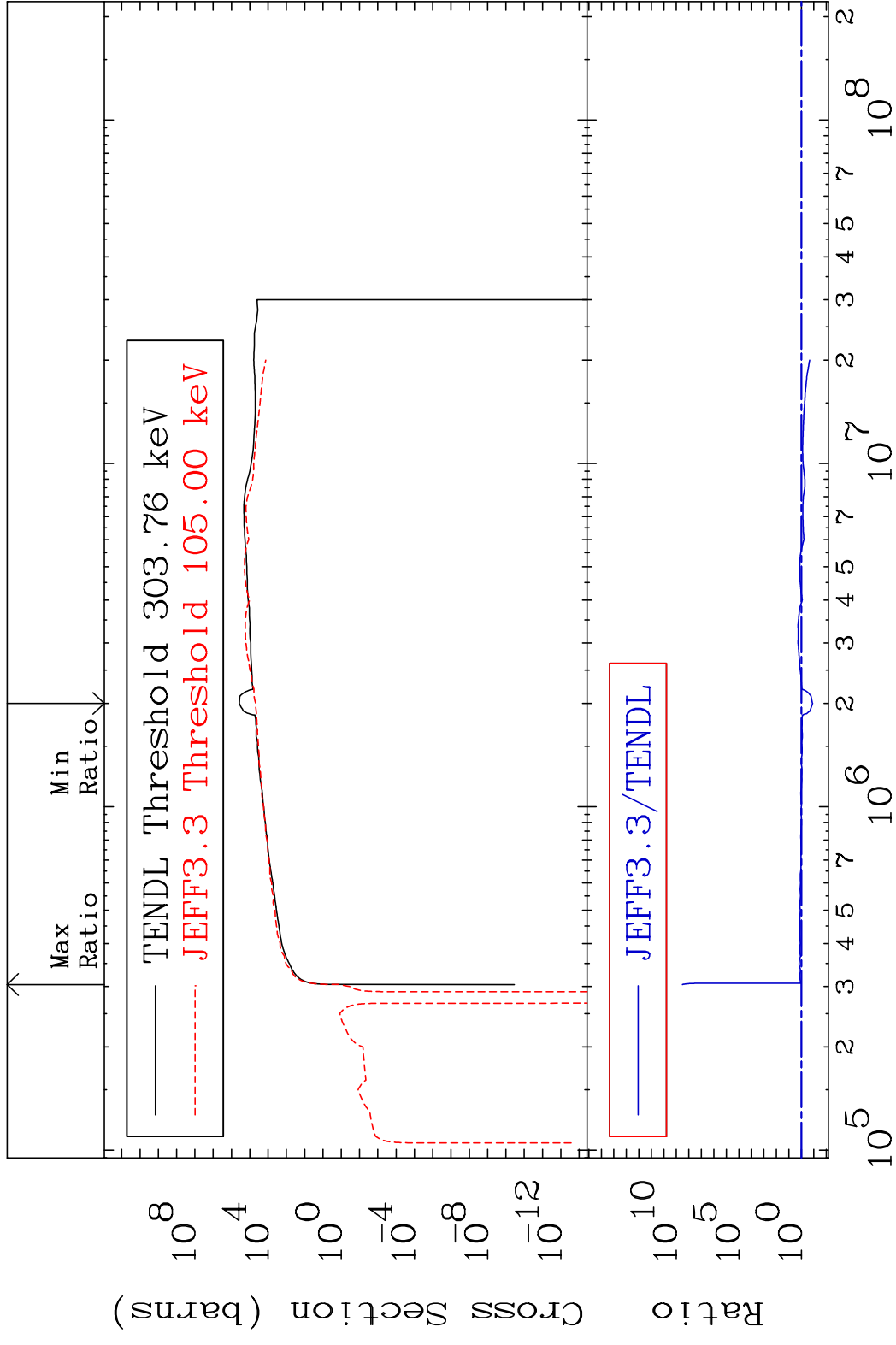


MAT 6043 Kerma non-elastic (all but mt2) 60-Nd-148
 Cross Section -100.0 To 9999. %



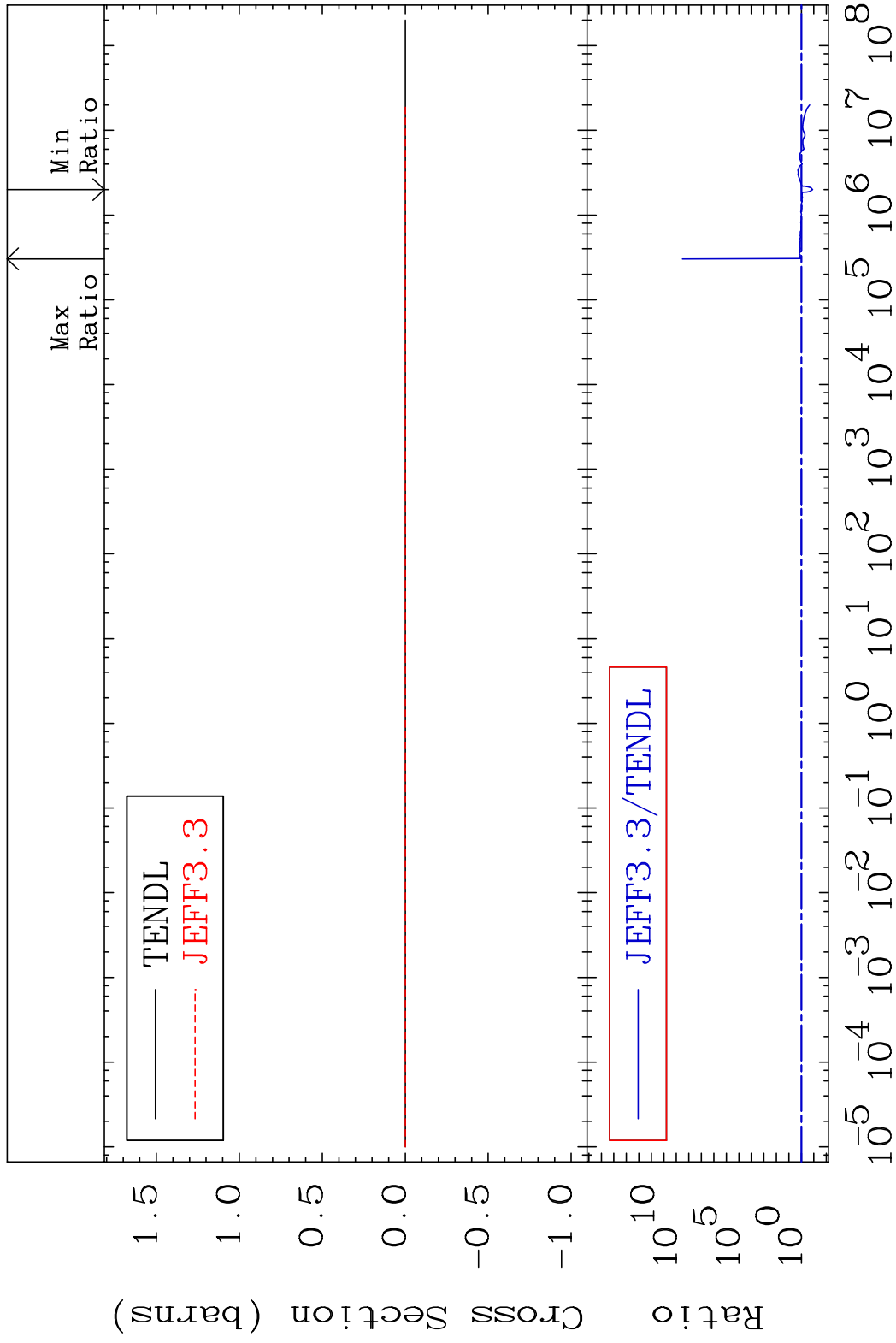
55 Incident Energy (eV) 60-Nd-148

MAT 6043 Kerma inelastic (mt51-91) 60-Nd-148
 Cross Section -87.33 To 9999. %

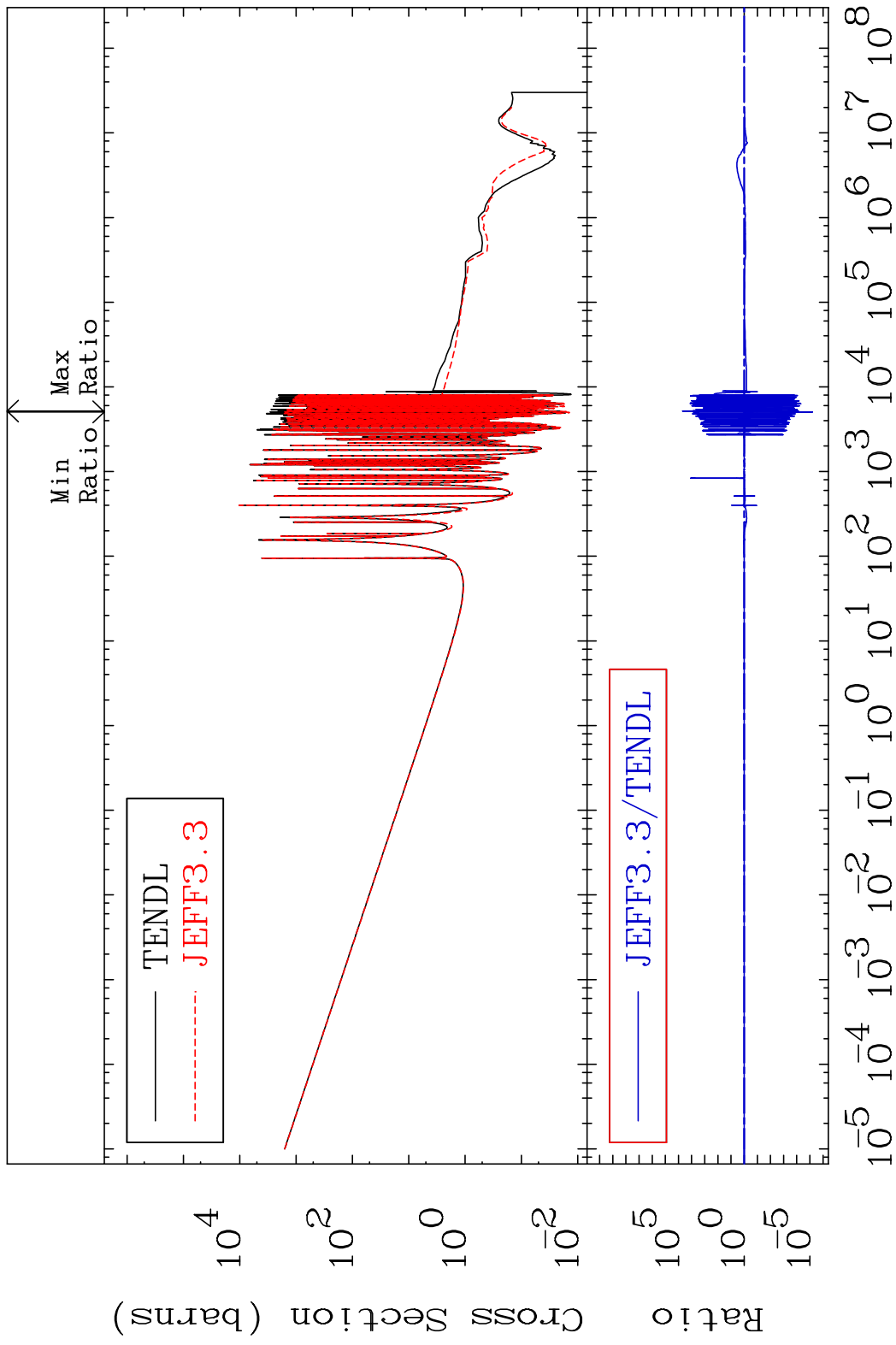


56 Incident Energy (eV) 60-Nd-148

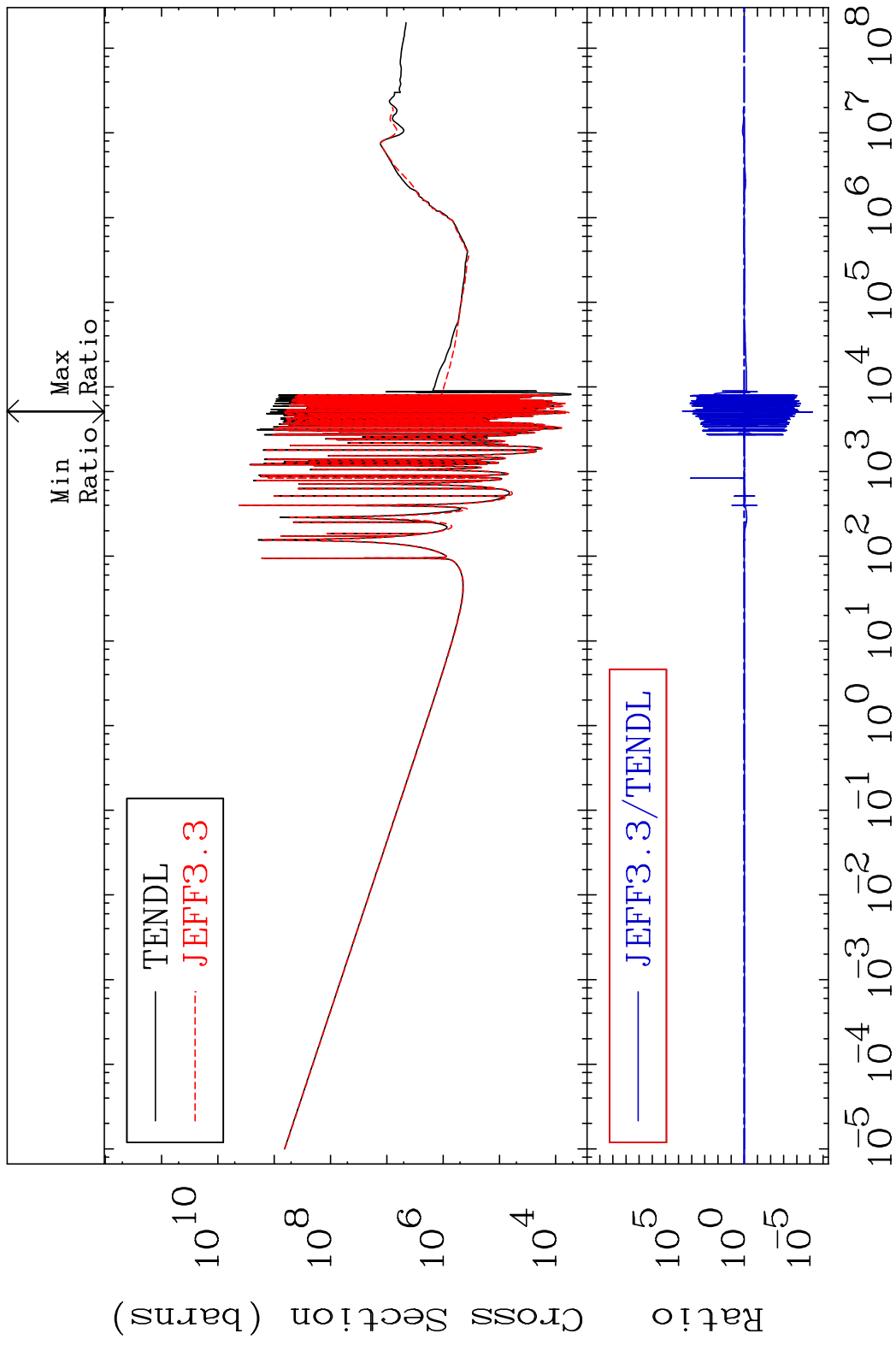
MAT 6043 Kerma fission (mt18 or mt19-20-21-38) ⁶⁰Nd-148
 Cross Section -87.33 To 9999. %



MAT 6043 Kerma capture (mt102) 60-Nd-148
 Cross Section -100.0 To 9999. %

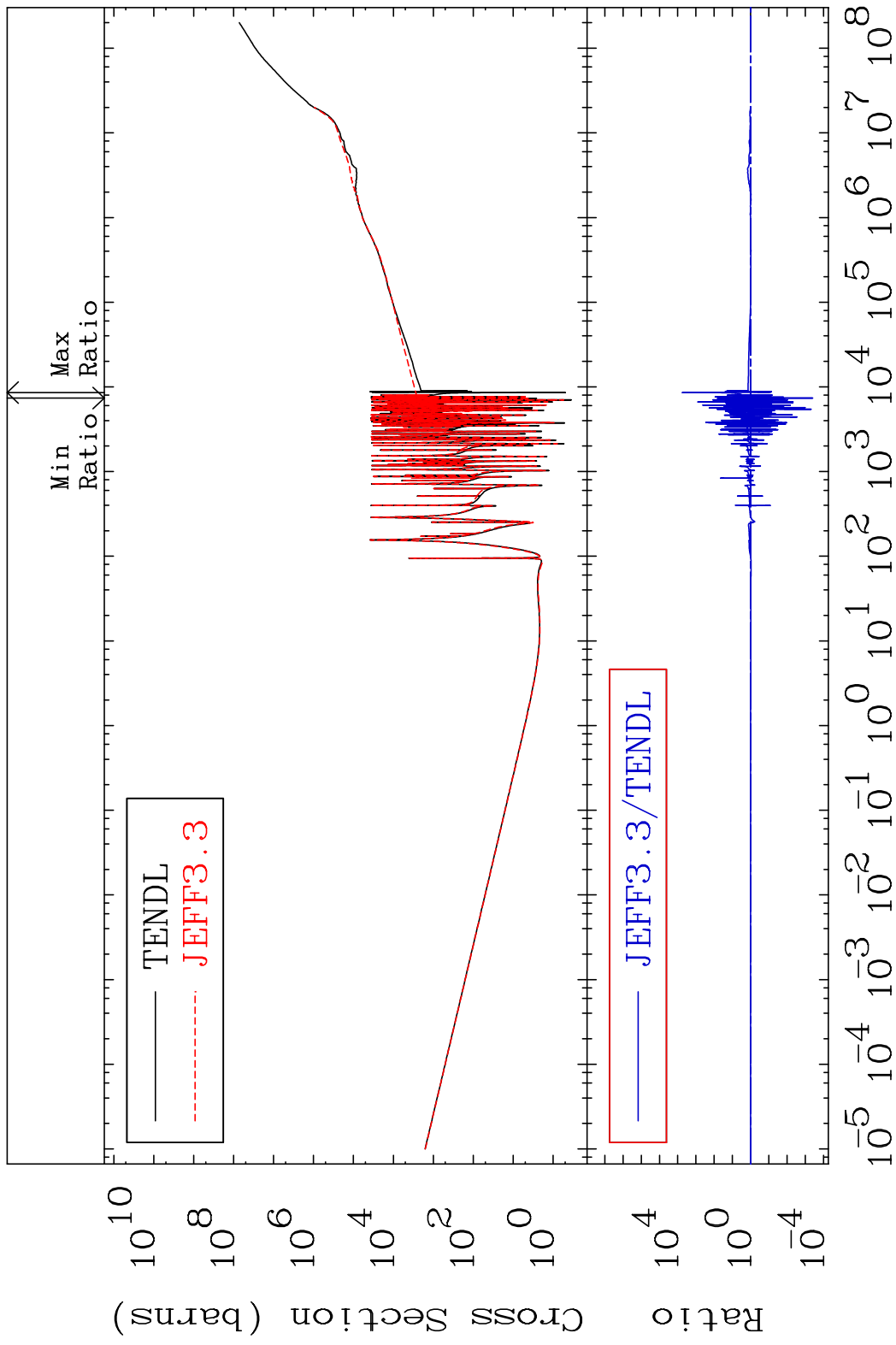


MAT 6043 Total photon (eV-barns) 60-Nd-148
 Cross Section -100.0 To 9999. %



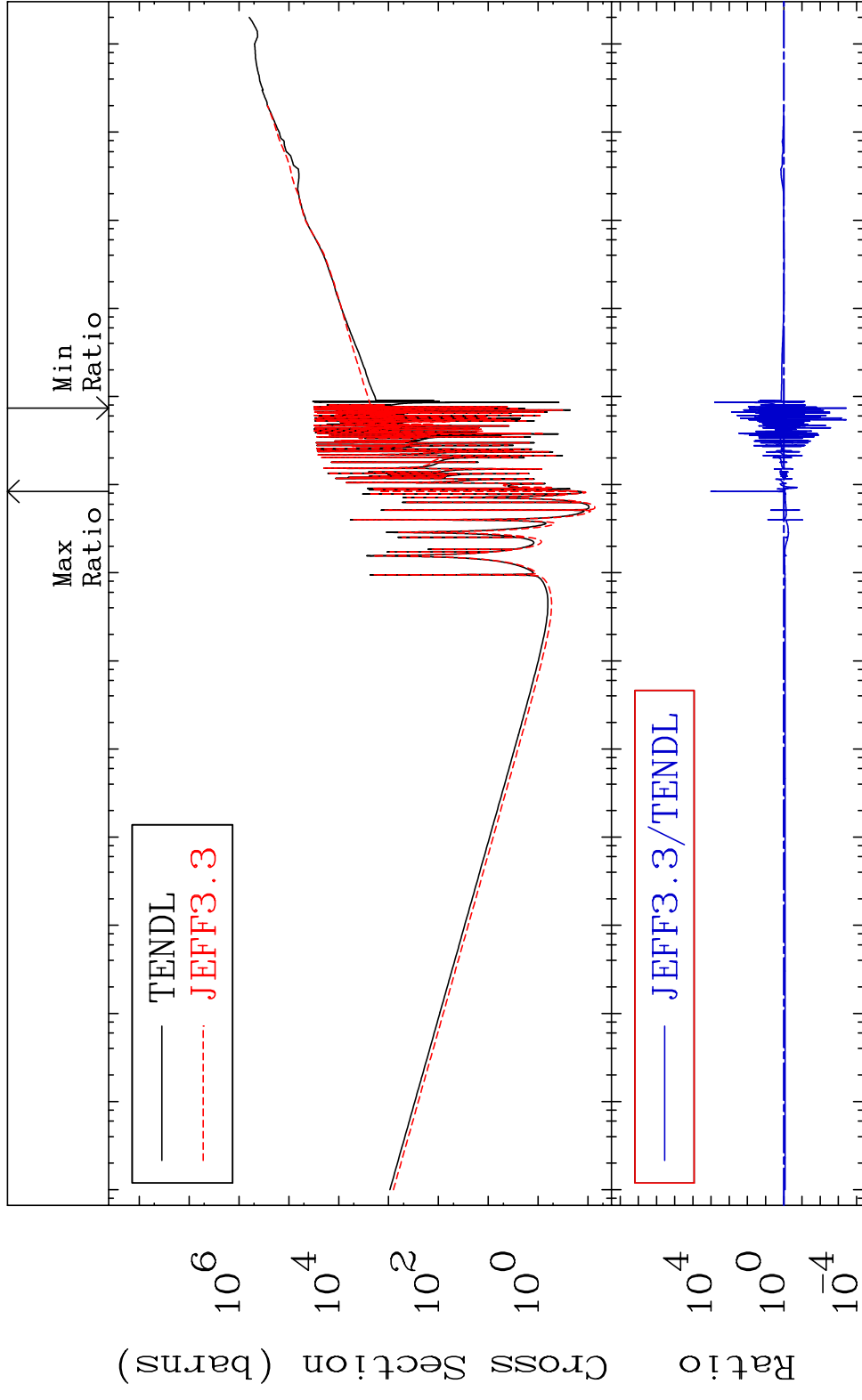
59 Incident Energy (eV) 60-Nd-148

MAT 6043 Total kinematic kerma (high limit) 60-Nd-148
Cross Section -99.96 To 9999. %



60 Incident Energy (eV) 60-Nd-148

MAT 6043 Dpa total (eV-barns) 60-Nd-148
 Cross Section -99.96 To 9999. %



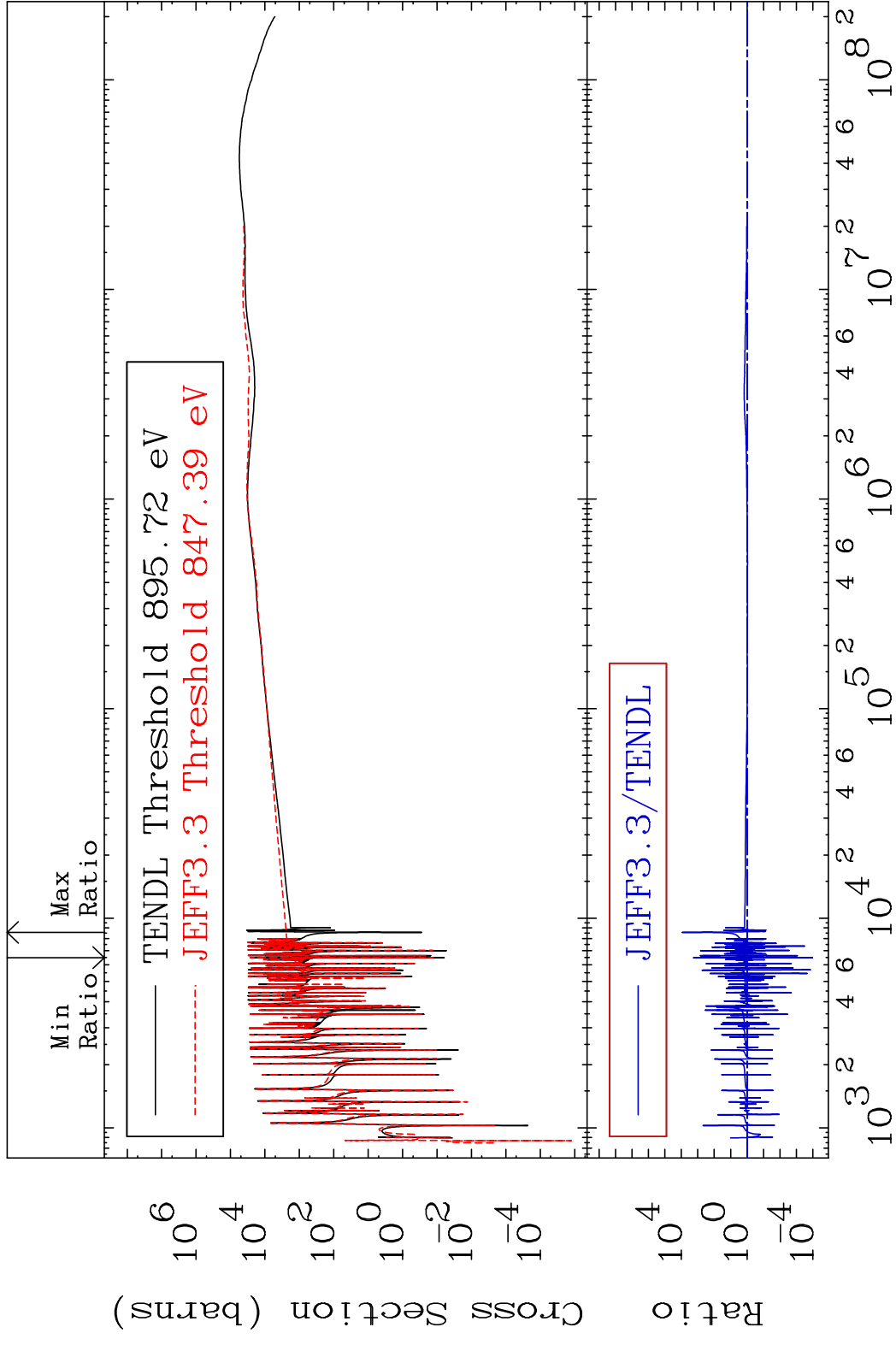
61 Incident Energy (eV) 60-Nd-148

MAT 6043

Dpa elastic (mt2)

60-Nd-148

Cross Section -99.99 To 9999. %

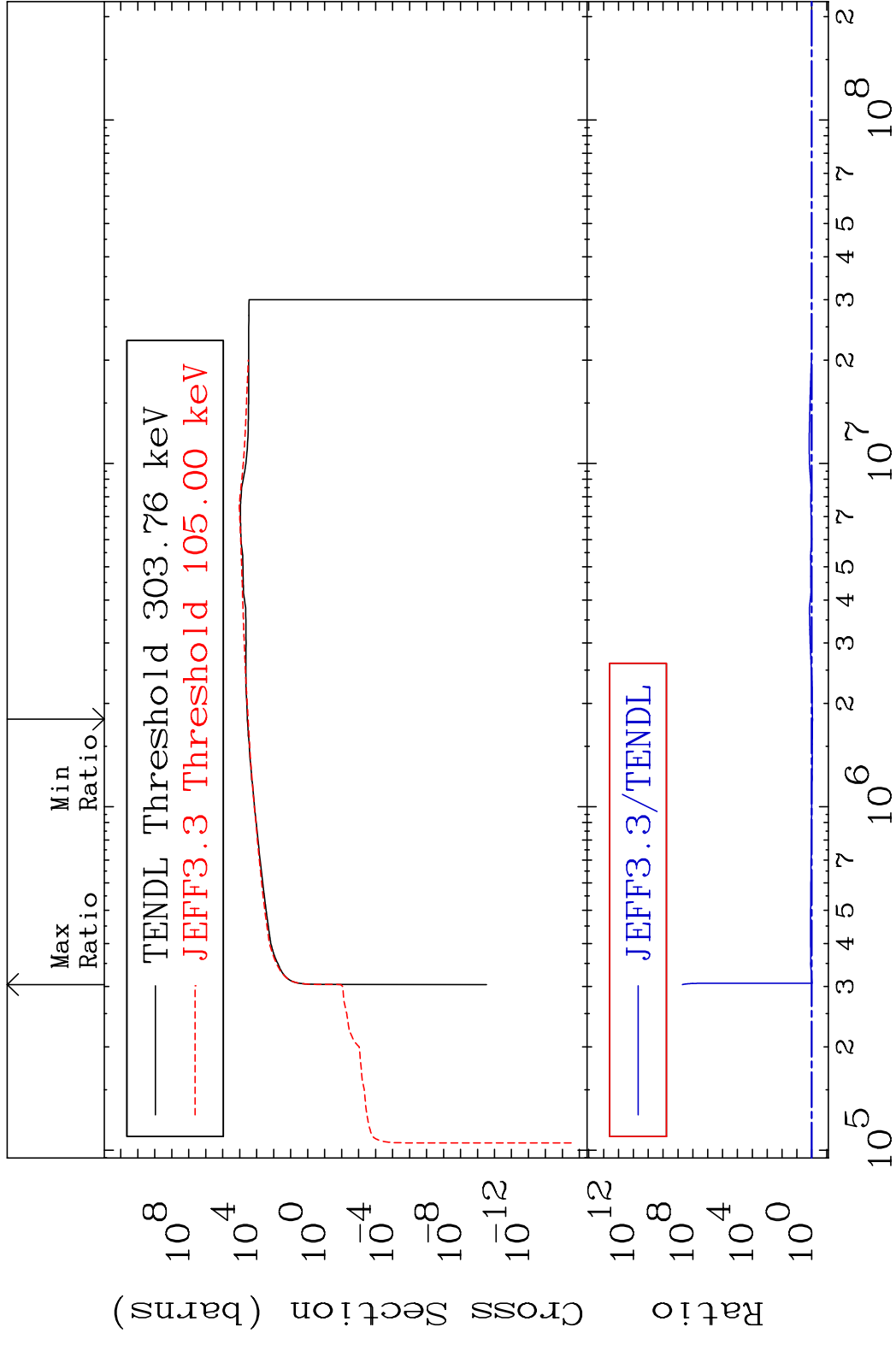


62

Incident Energy (eV)

60-Nd-148

MAT 6043 Dpa inelastic (mt51-91) 60-Nd-148
 Cross Section -11.13 To 9999. %



63 Incident Energy (eV) 60-Nd-148

MAT 6043 Dpa disappearance (mt102 -120) 60-Nd-148
 Cross Section -100.0 To 9999. %

