

Program Complot
(Version 2021-1)

by

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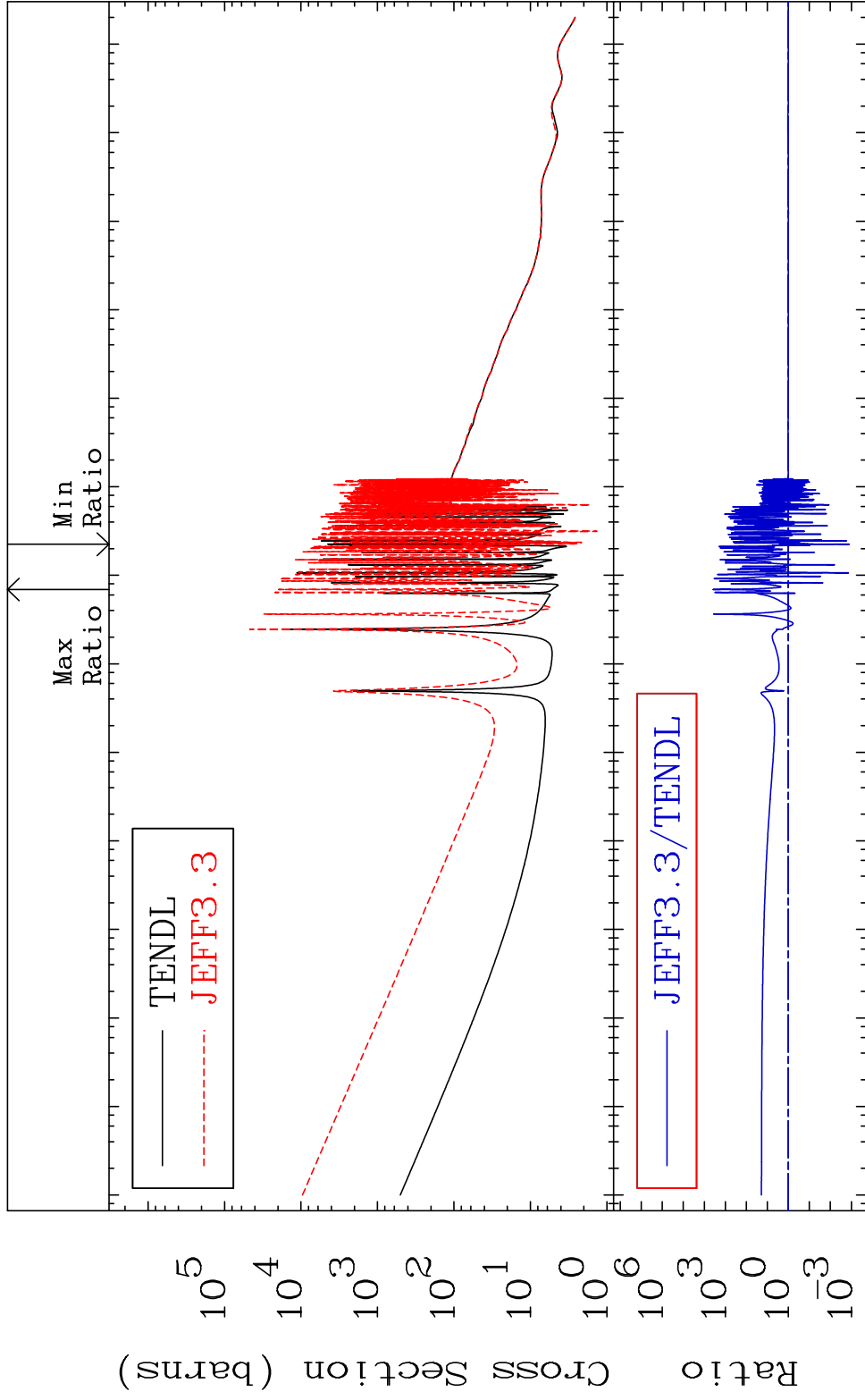
Press Mouse Button to Start

MAT 6931

Total

69-Tm-171

Cross Section -99.87 To 9999. %

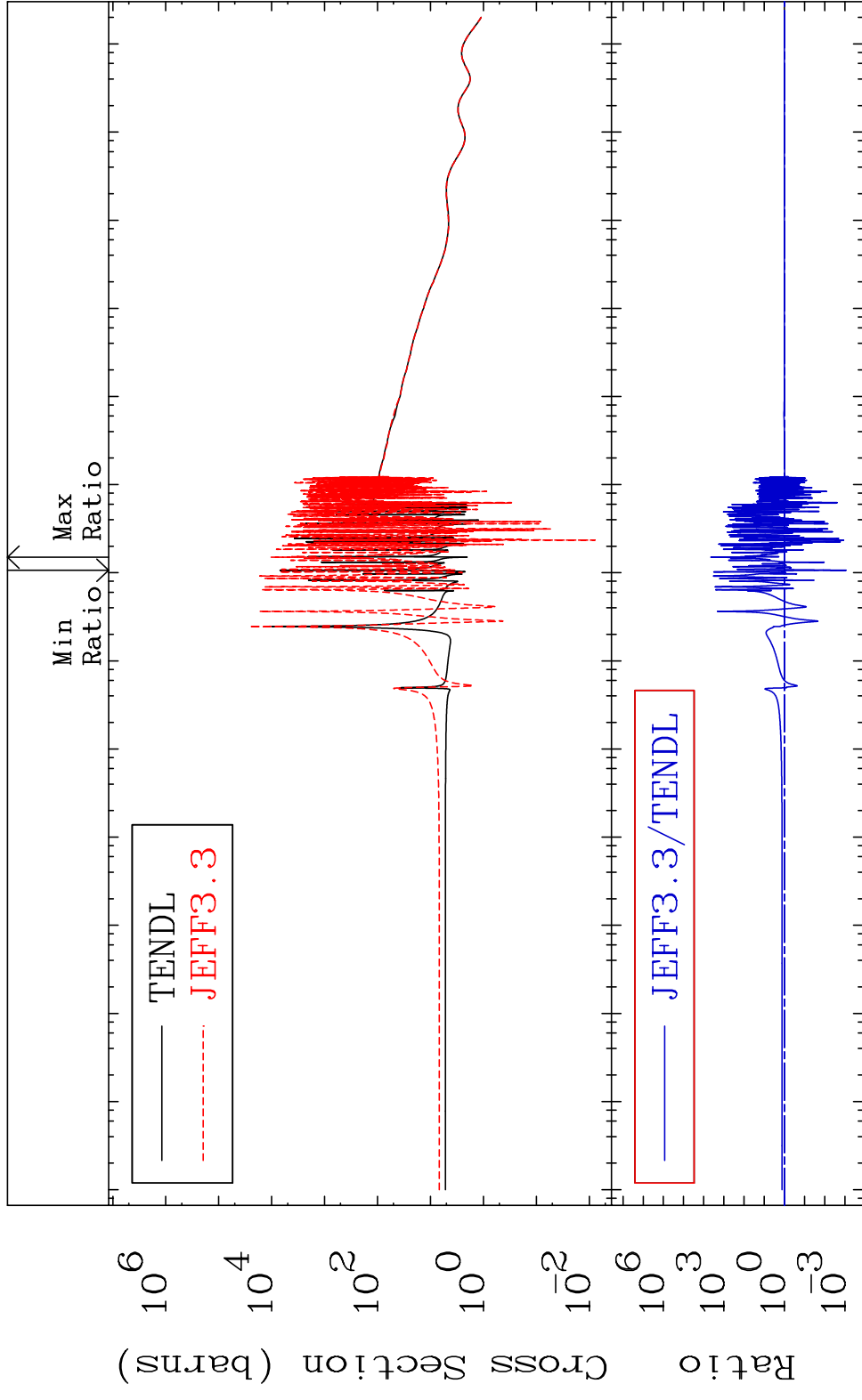


MAT 6931

Elastic

69-Tm-171

Cross Section -99.91 To 9999. %

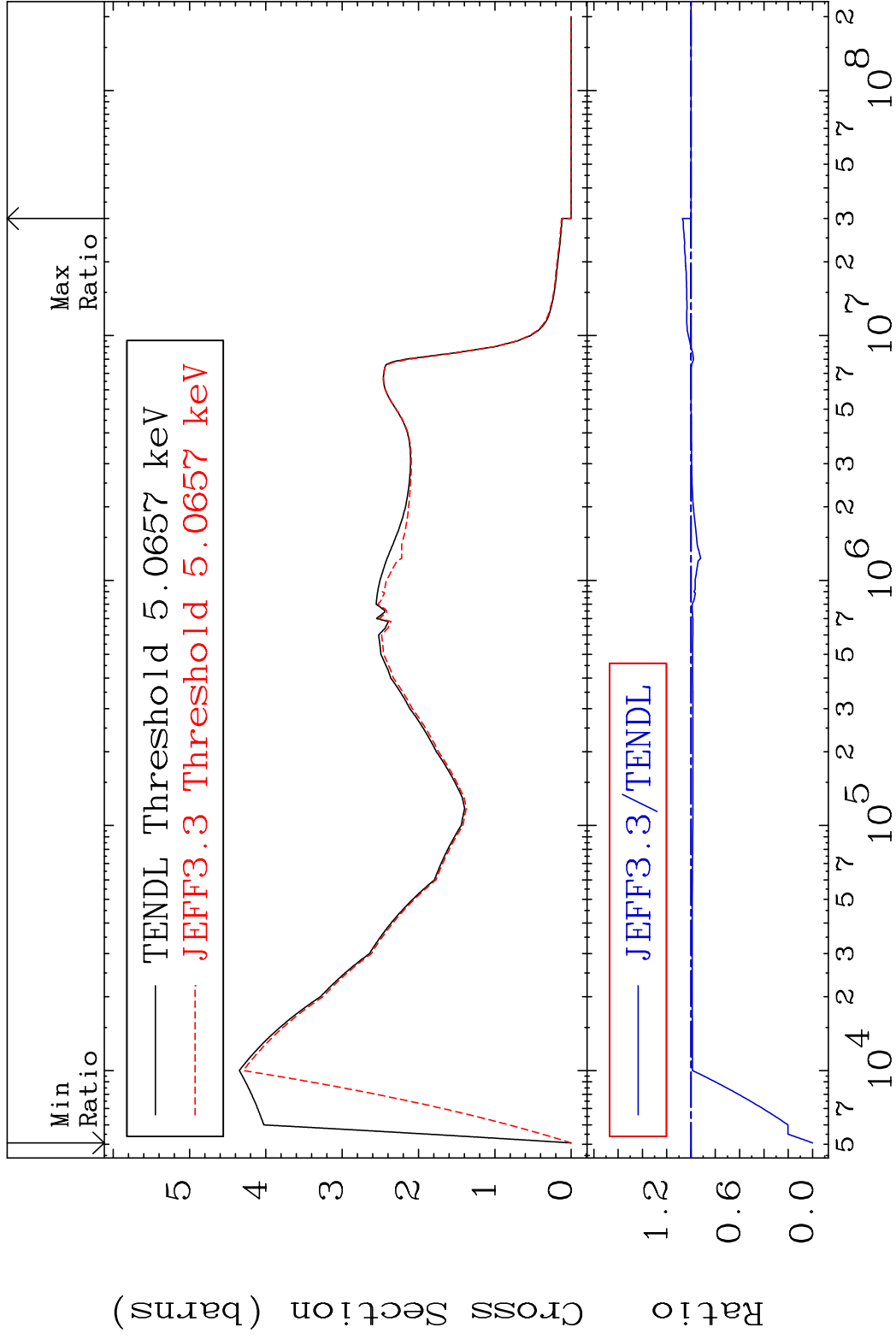


MAT 6931

Inelastic

69-Tm-171

Cross Section -100.0 To 7.140 %



3

Incident Energy (eV)

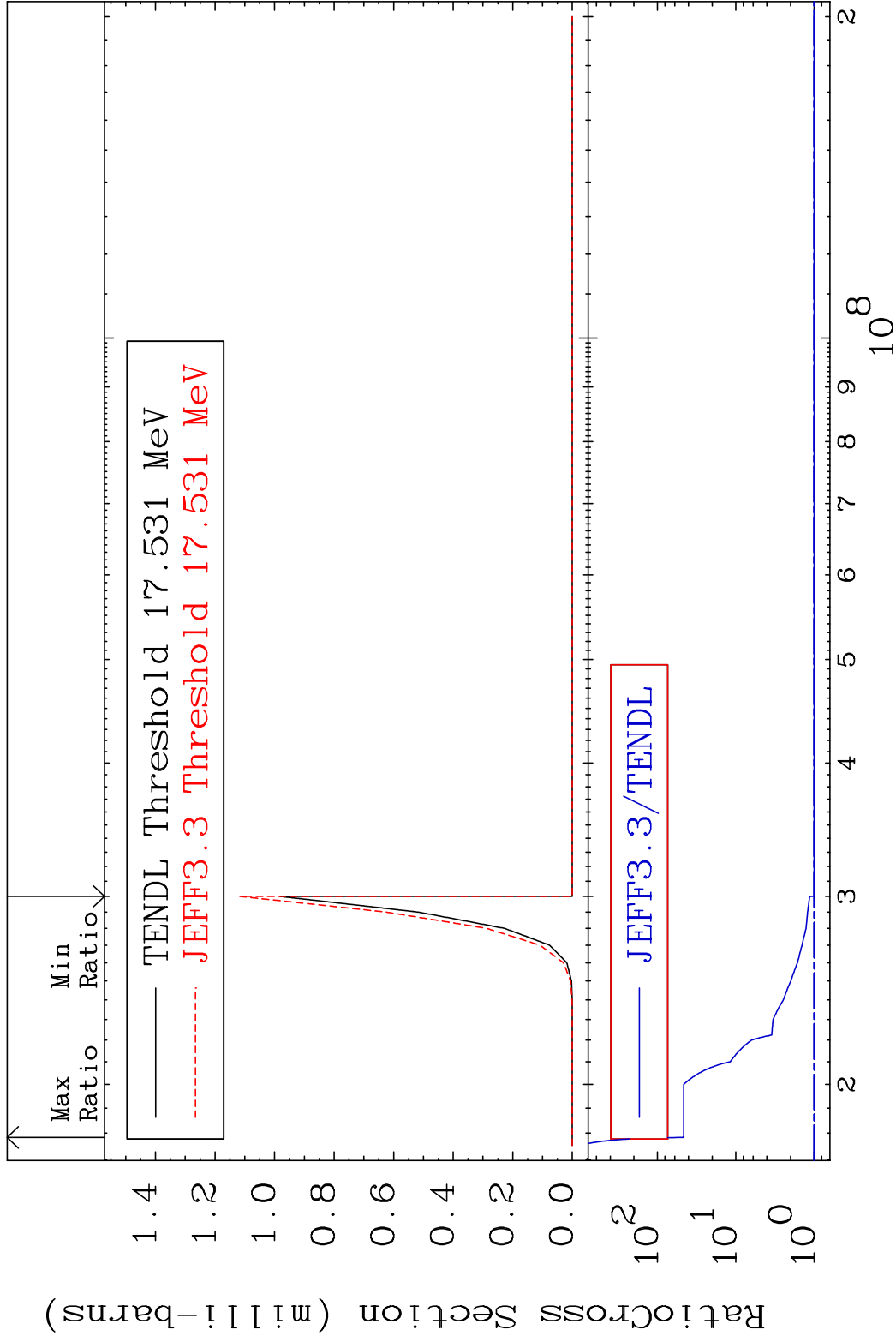
69-Tm-171

MAT 6931

(n,2n) d

69-Tm-171

Cross Section 0.000 To 4524. %



4

Incident Energy (eV)

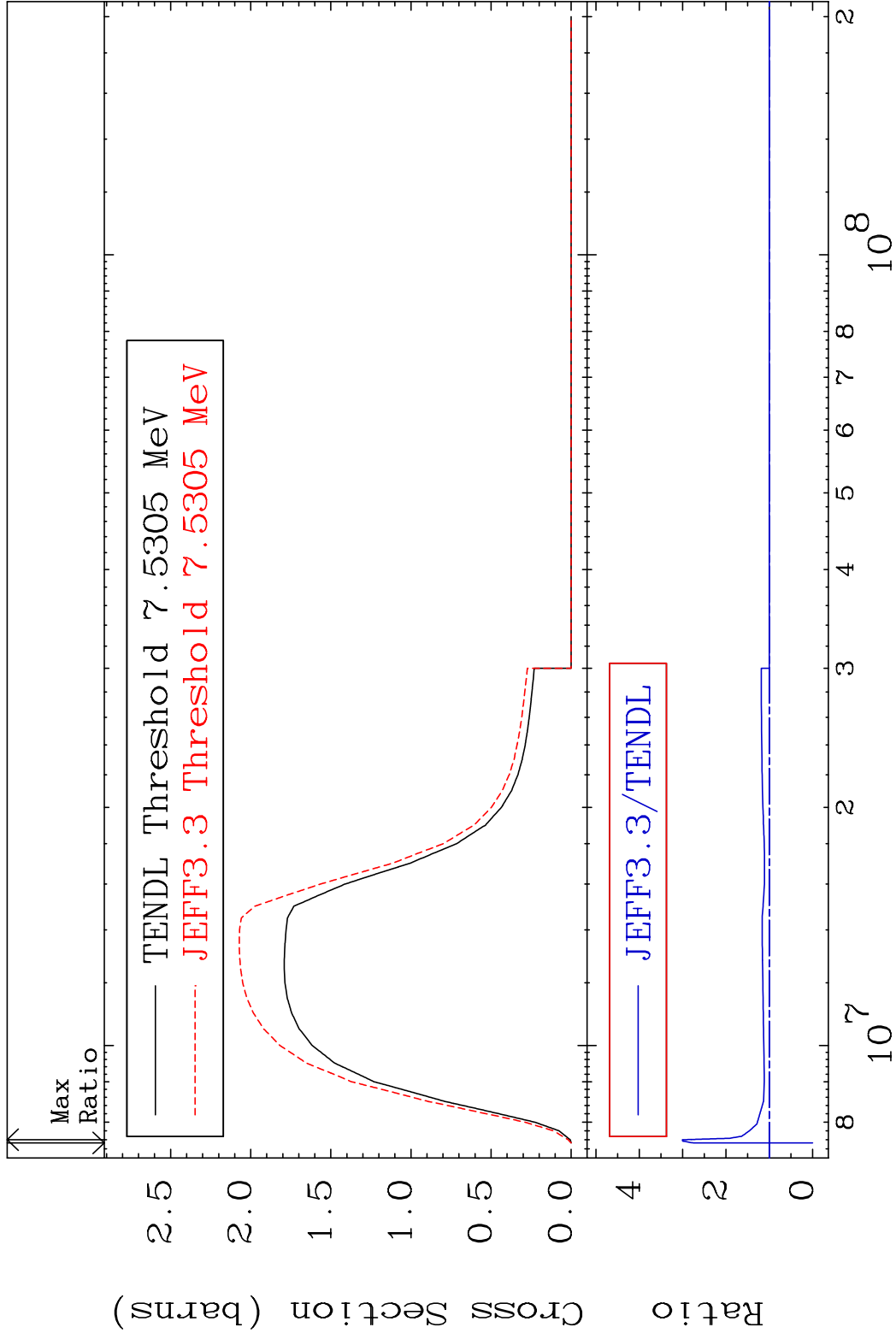
69-Tm-171

MAT 6931

(n,2n)

69-Tm-171

Cross Section -100.0 To 200.5 %



5

Incident Energy (eV)

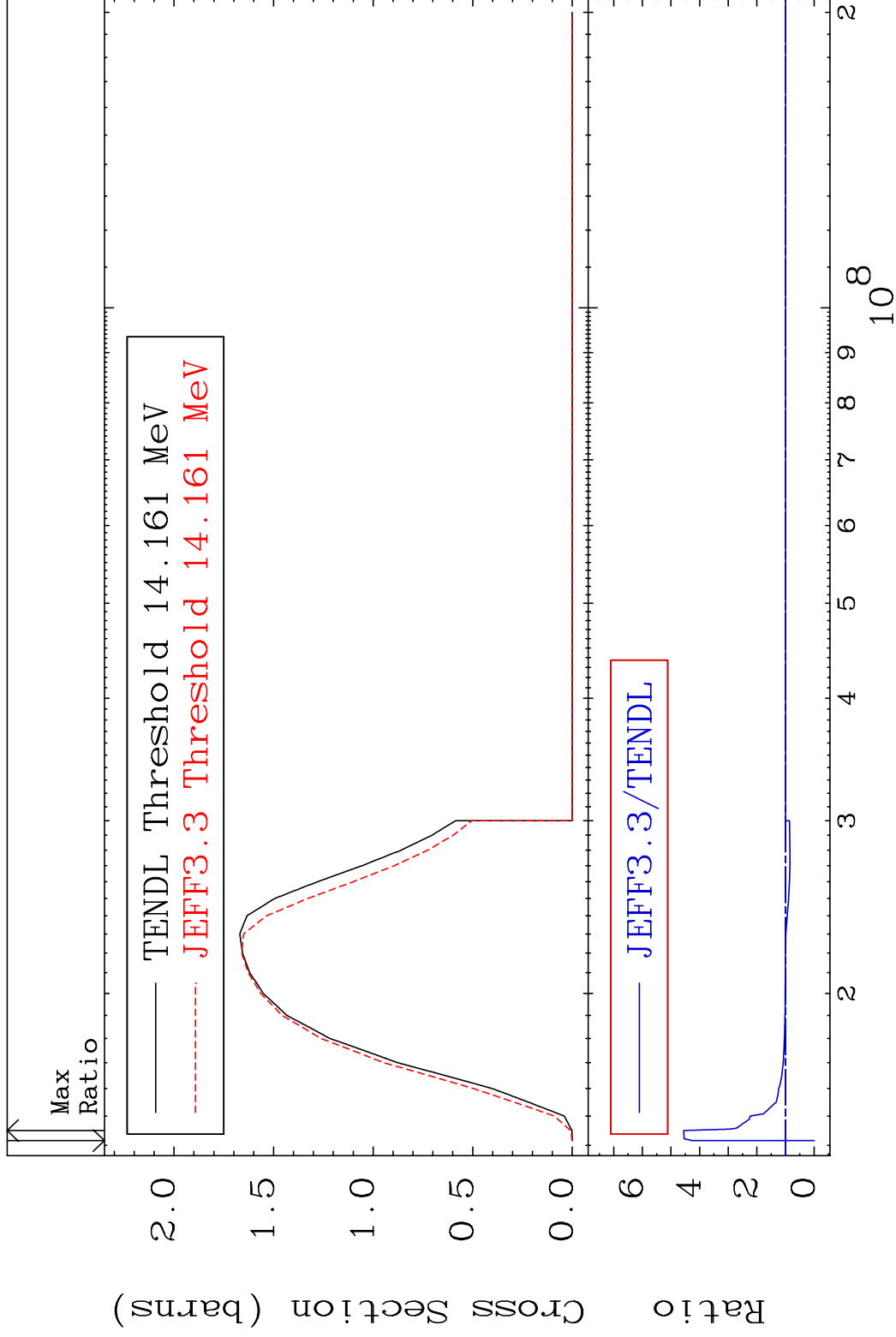
69-Tm-171

MAT 6931

(n,3n)

69-Tm-171

Cross Section -100.0 To 355.7 %



6

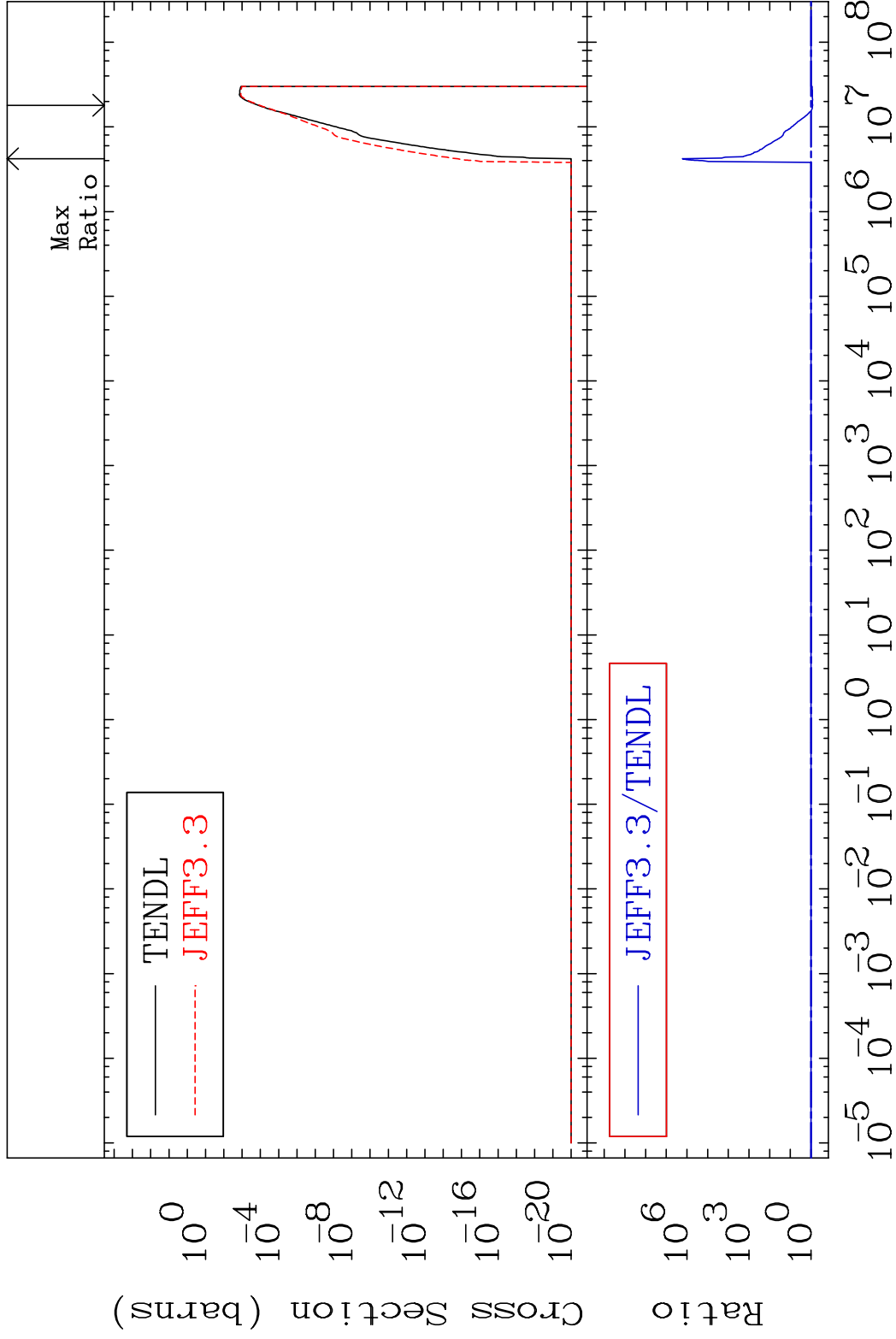
Incident Energy (eV)

69-Tm-171

MAT 6931

(n, n') α 69-Tm-171

Cross Section -15.90 To 9999. %



7

Incident Energy (eV)

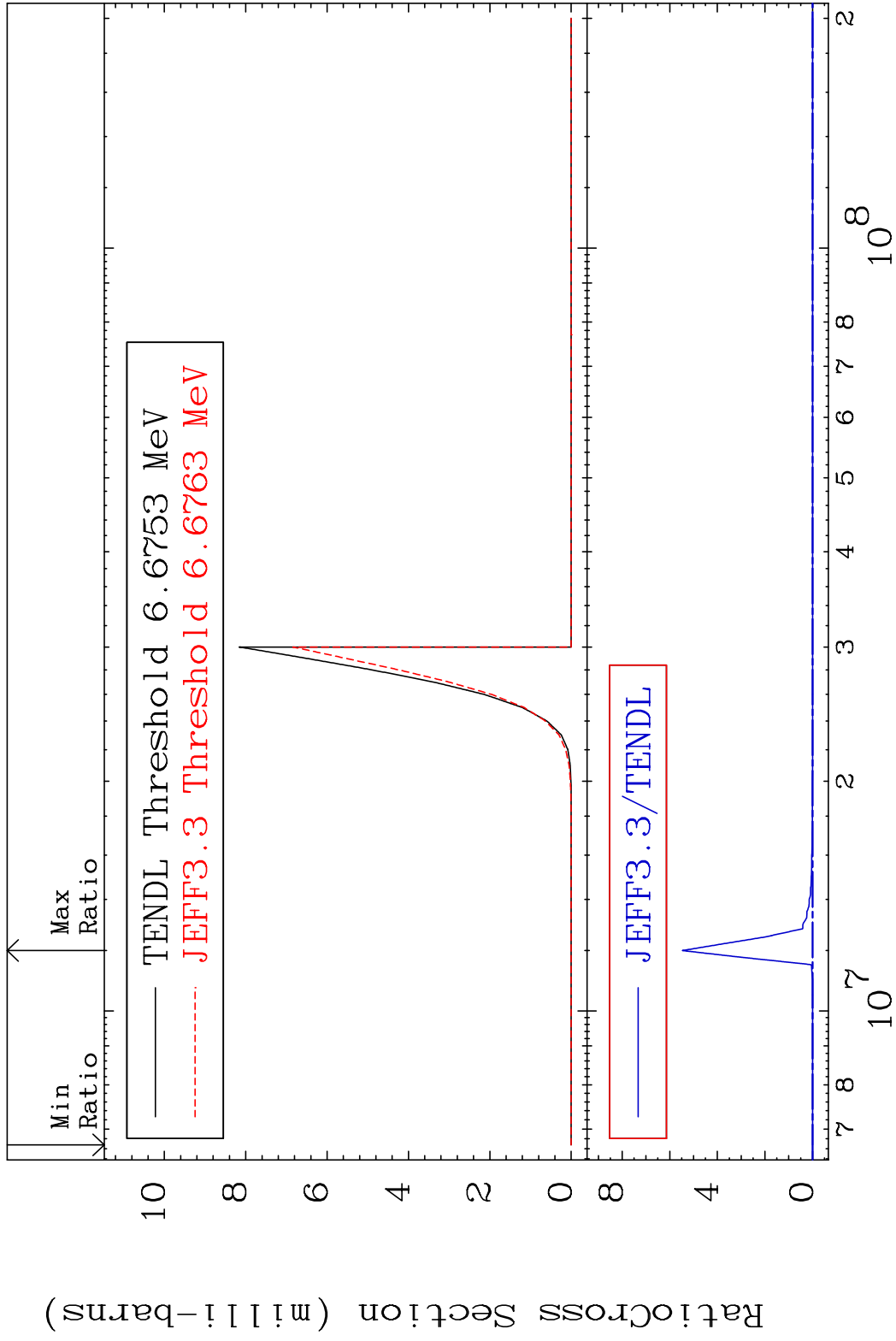
69-Tm-171

MAT 6931

(n,2n) α

69-Tm-171

Cross Section -100.0 To 9999. %



8

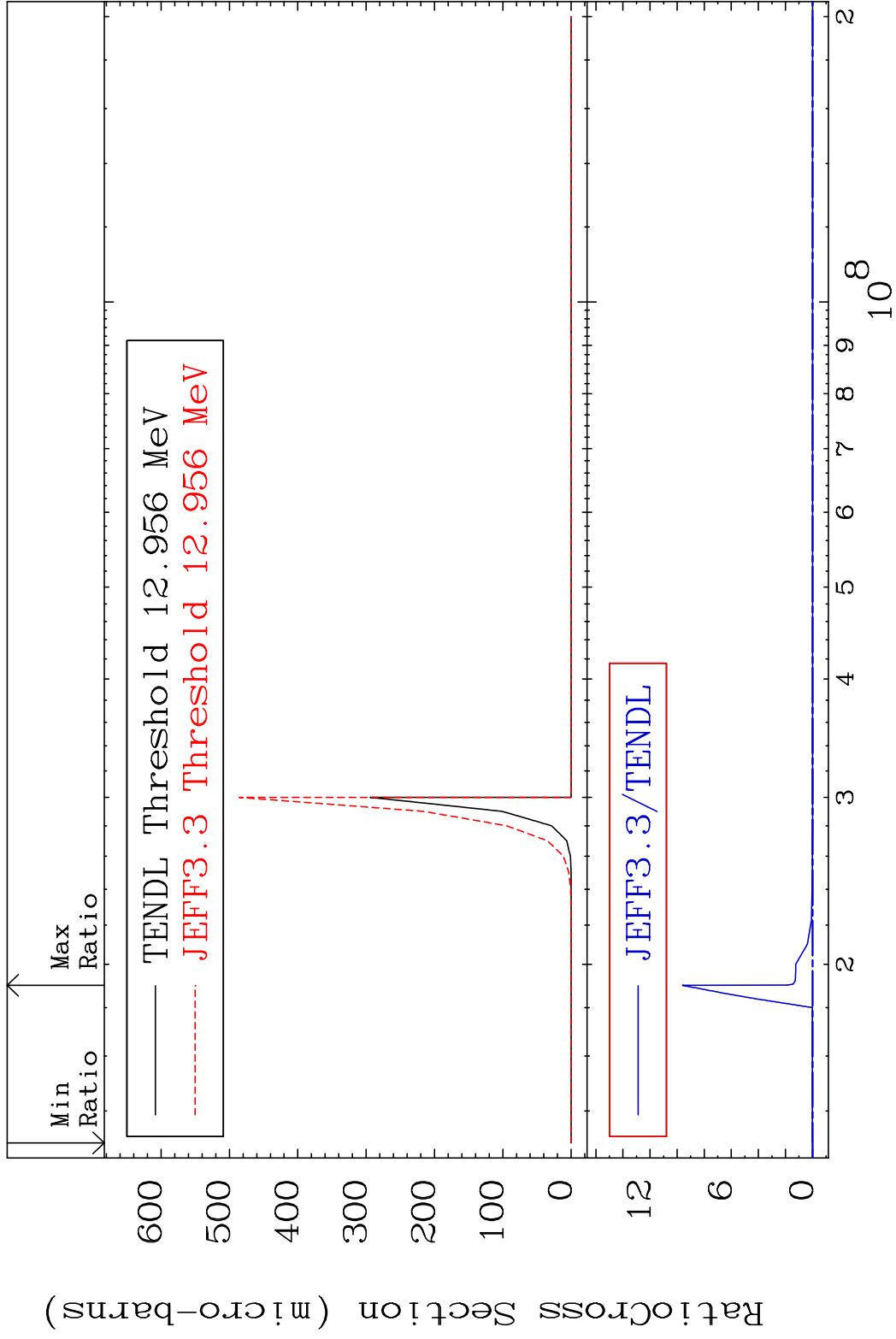
Incident Energy (eV)

69-Tm-171

MAT 6931

(n,3n) α 69-Tm-171

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

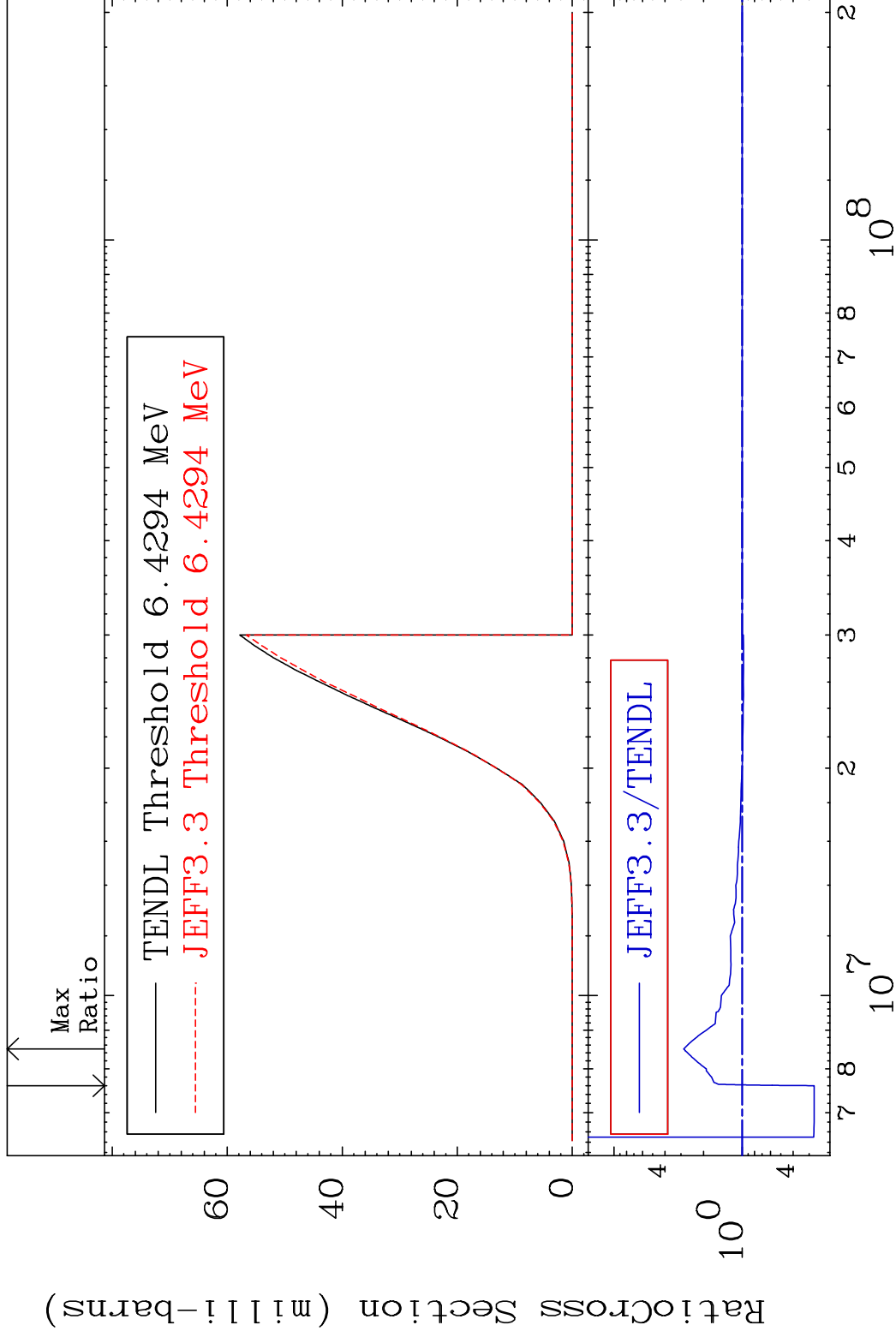
69-Tm-171

MAT 6931

(n, n') p

69-Tm-171

Cross Section -72.57 To 186.3 %



10

Incident Energy (eV)

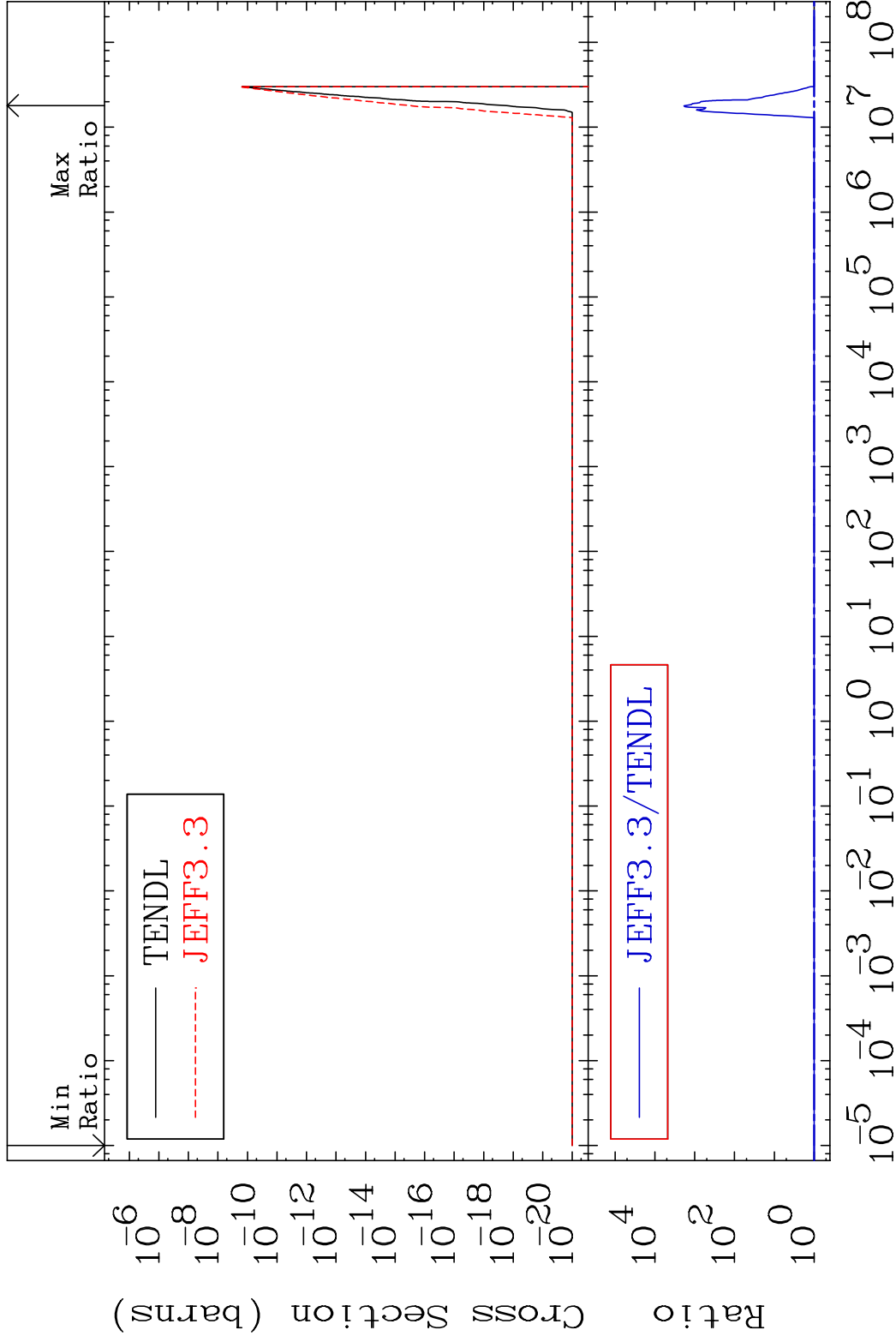
69-Tm-171

MAT 6931

(n, n') 2α

69-Tm-171

Cross Section 0.000 To 9999. %



11

Incident Energy (eV)

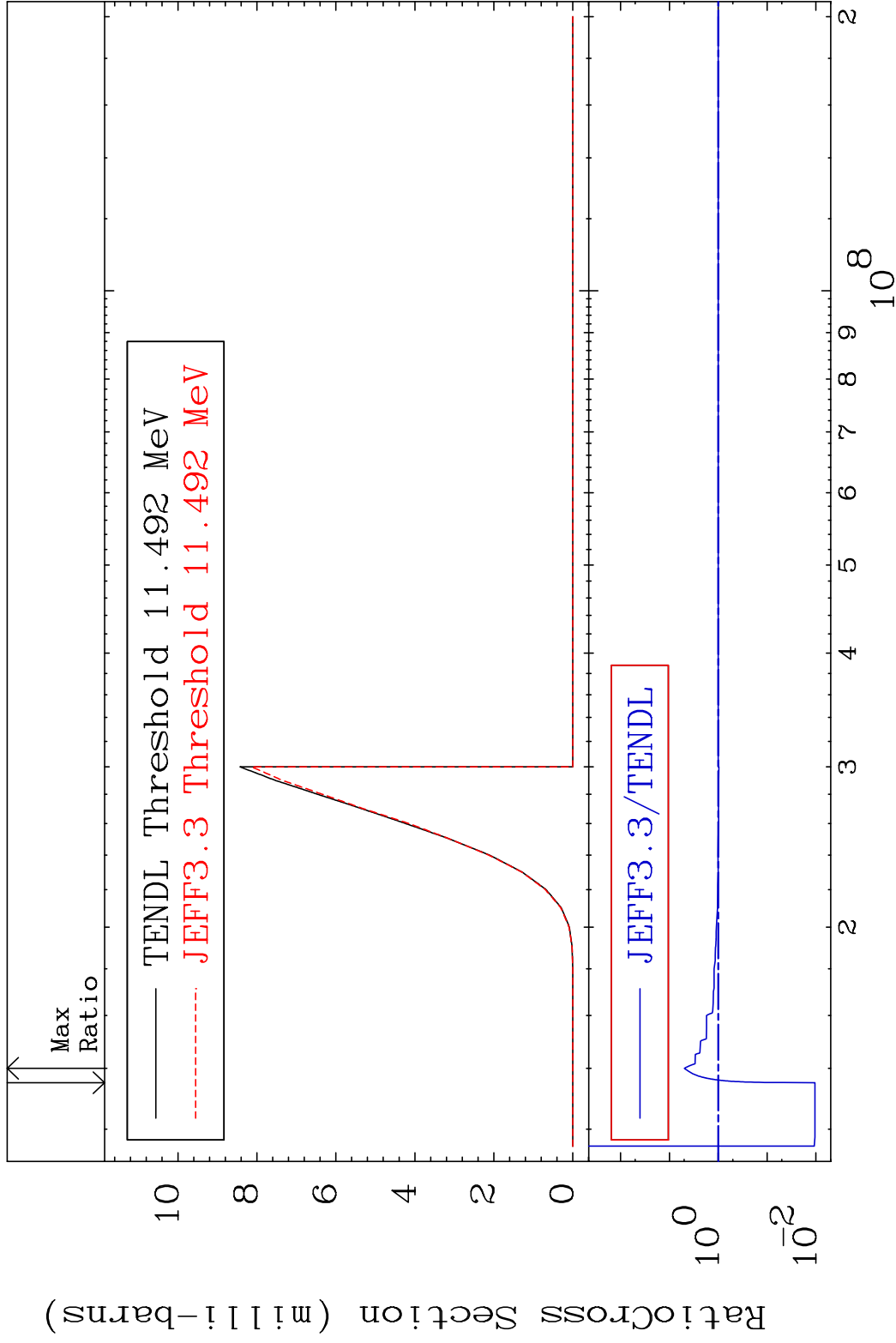
69-Tm-171

MAT 6931

(n, n') d

69-Tm-171

Cross Section -98.95 To 395.0 %



12

Incident Energy (eV)

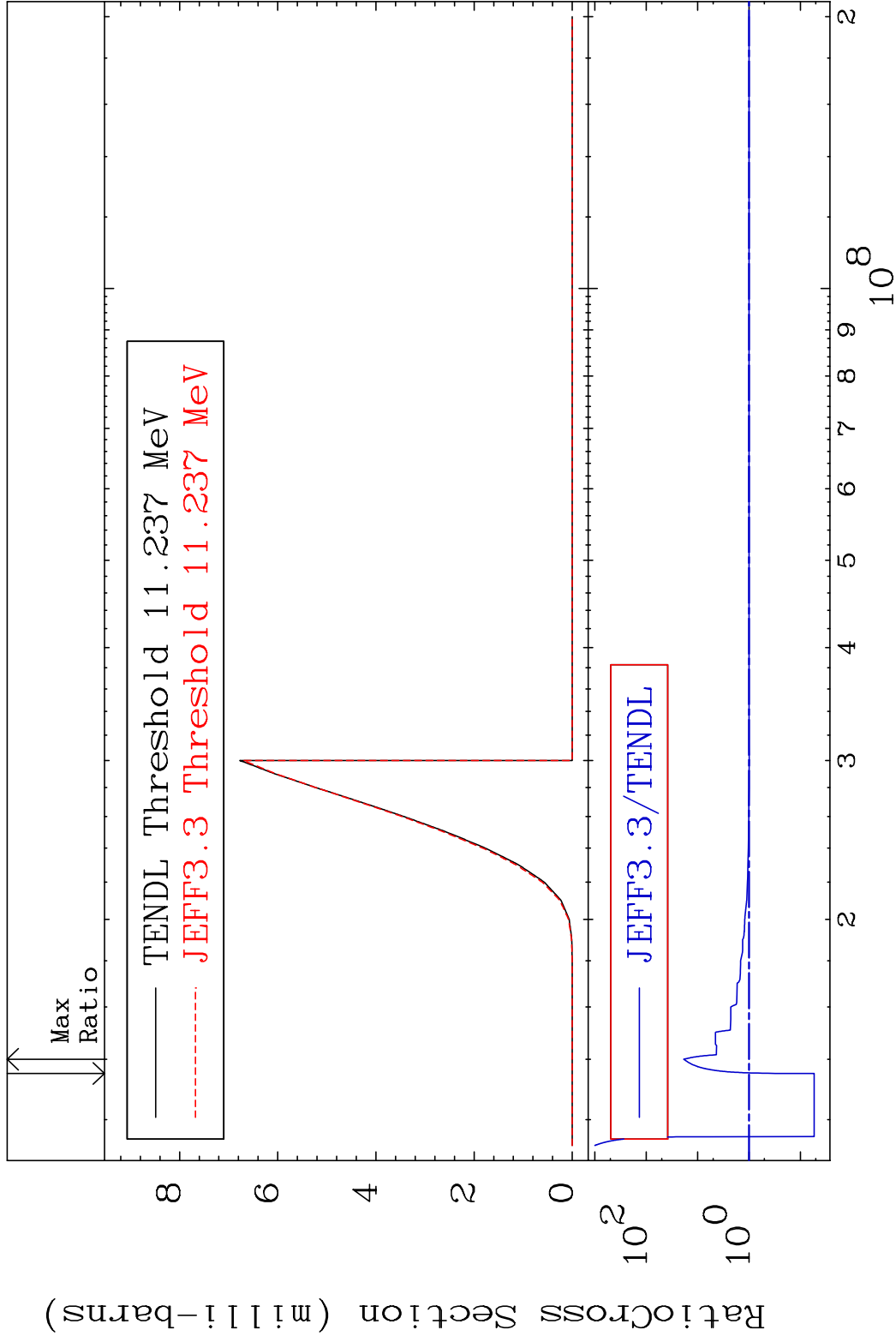
69-Tm-171

MAT 6931

(n, n') t

69-Tm-171

Cross Section -94.61 To 1768. %

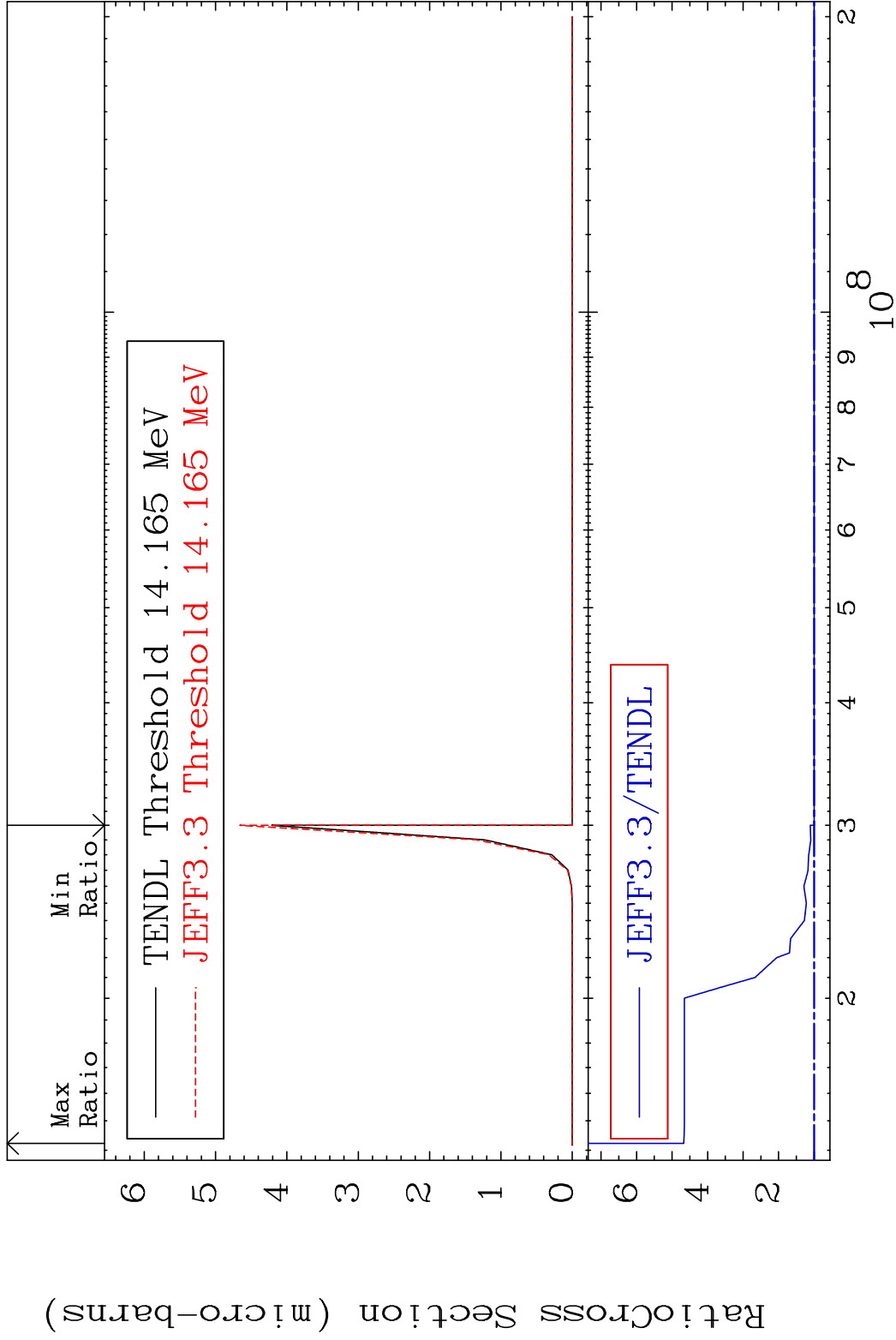


MAT 6931

(n,n') He-3

69-Tm-171

Cross Section 0.000 To 367.4 %

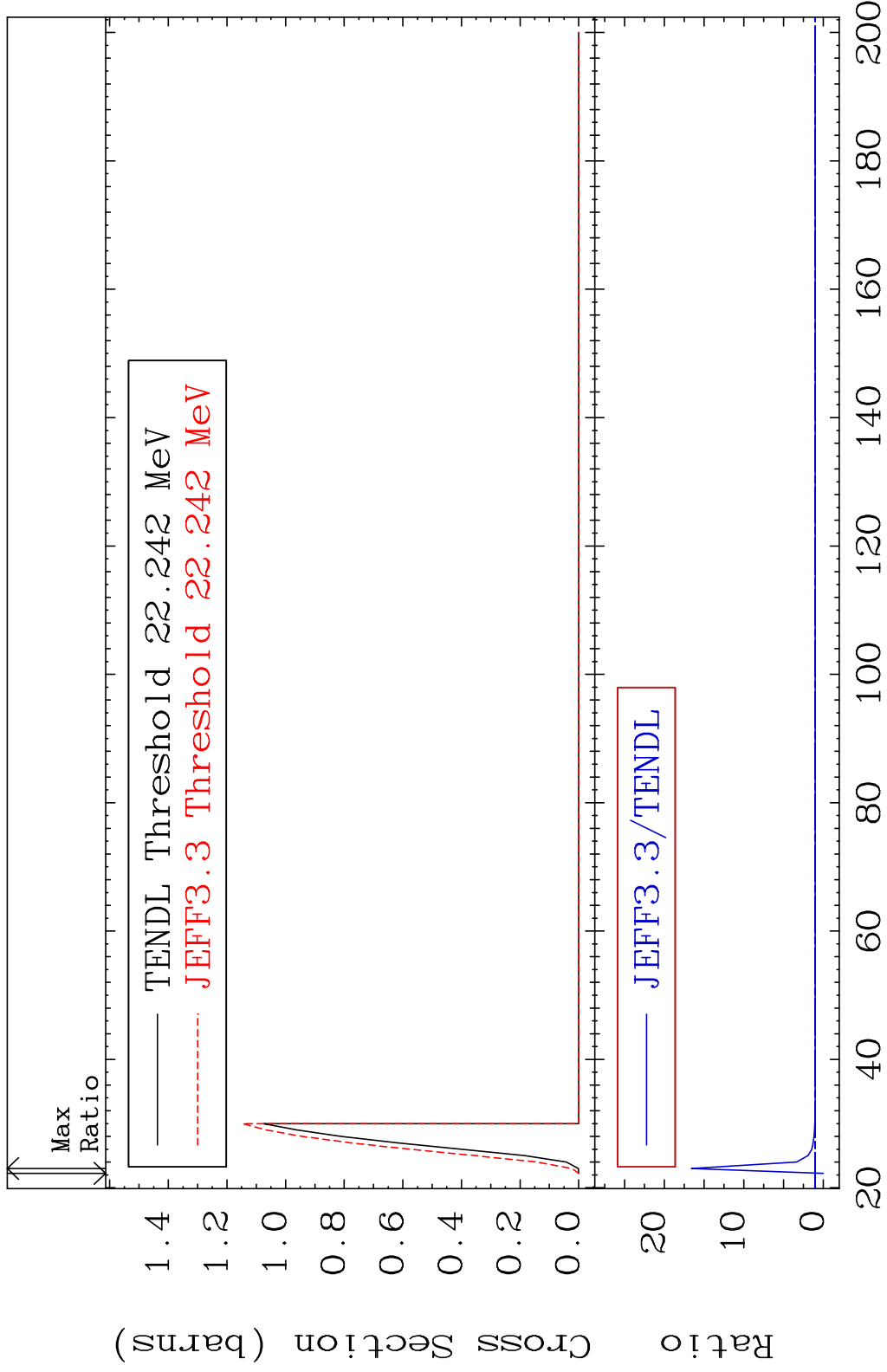


MAT 6931

(n,4n)

69-Tm-171

Cross Section -100.0 To 1560. %



15

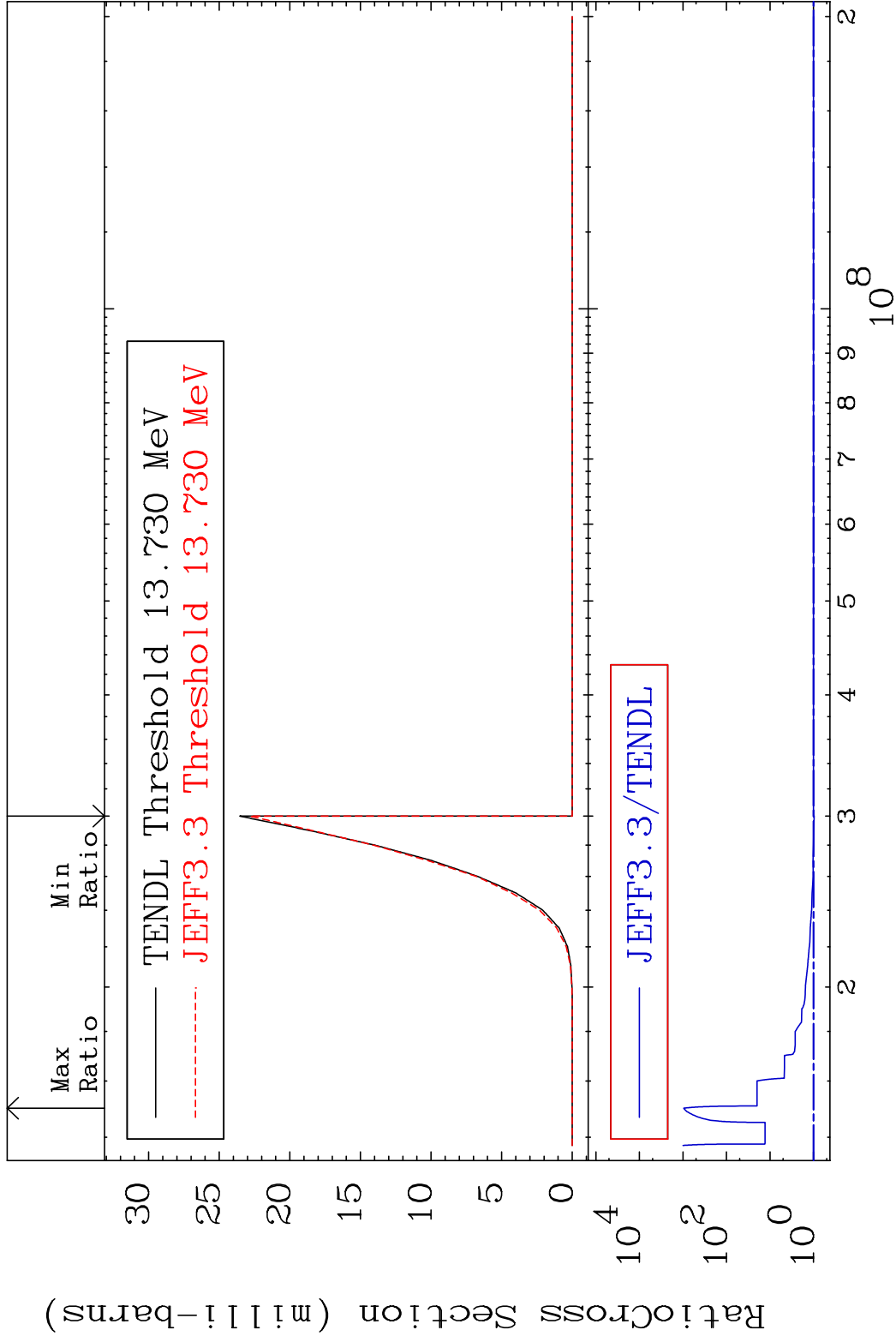
Incident Energy (MeV)

69-Tm-171

MAT 6931

(n,2n) p 69-Tm-171

Cross Section -3.070 To 9999. %



16

Incident Energy (eV)

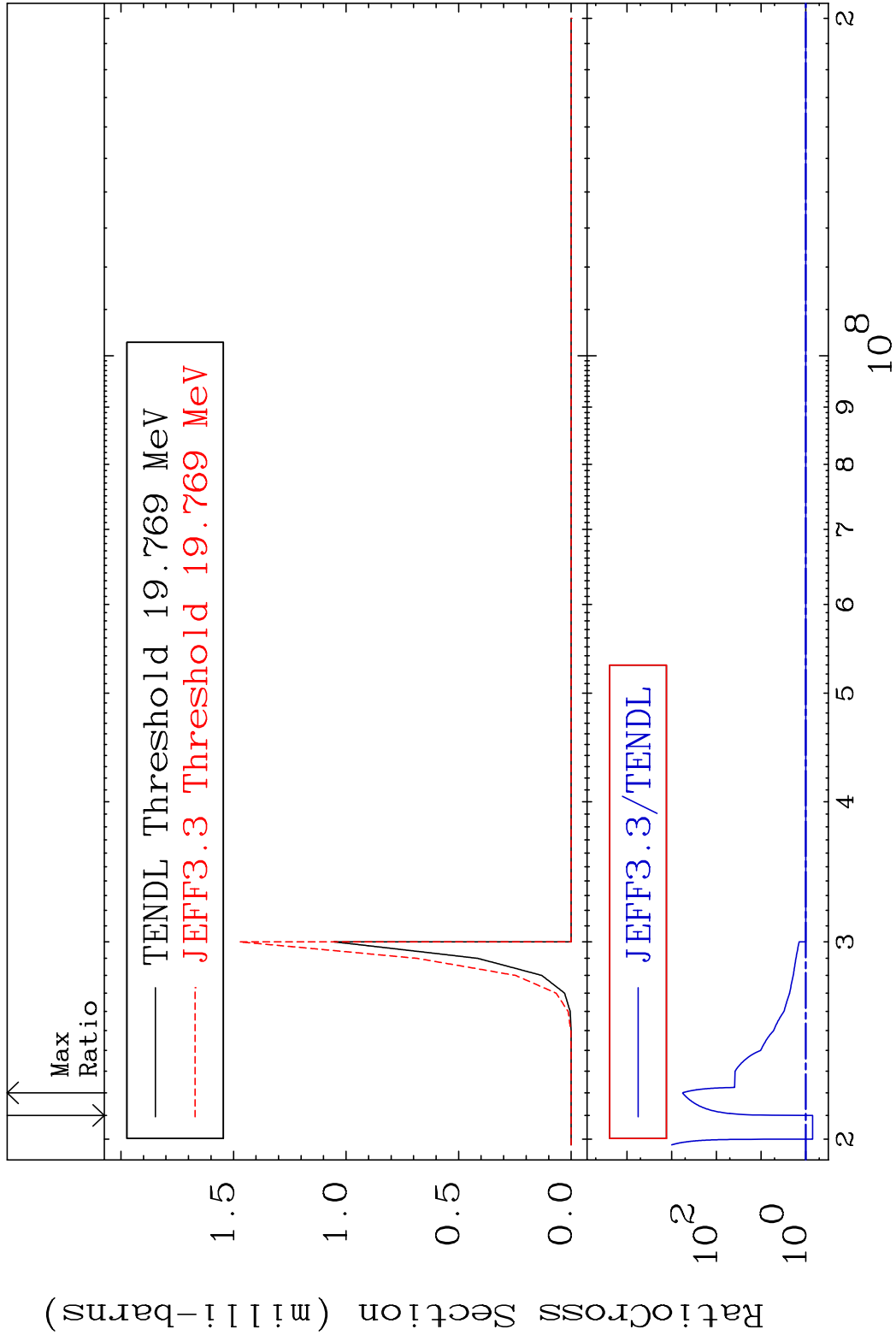
69-Tm-171

MAT 6931

(n,3n) p

69-Tm-171

Cross Section -29.80 To 9999. %



17

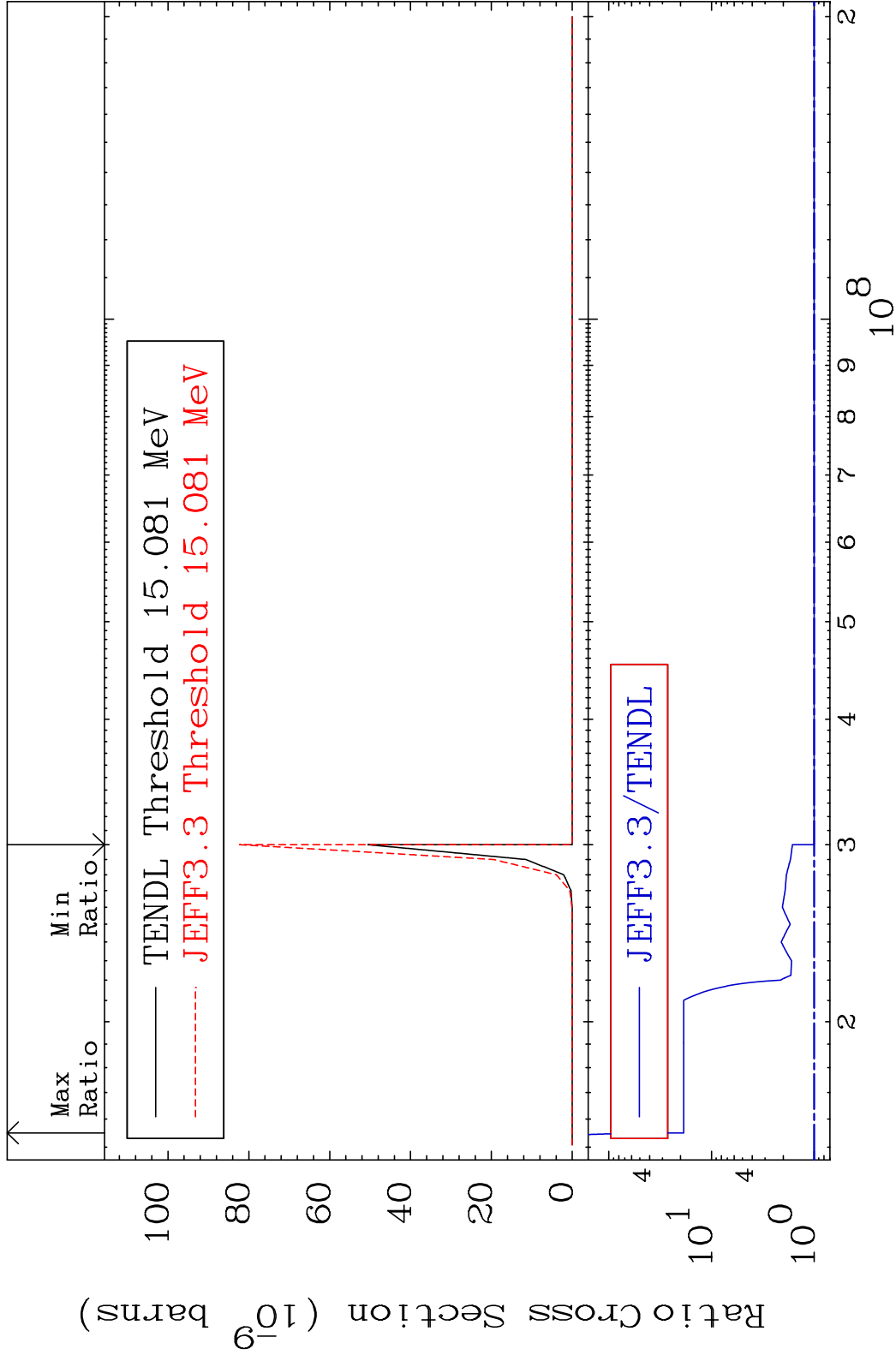
Incident Energy (eV)

69-Tm-171

MAT 6931

(n,2n) p
Cross Section 0.000 To 1766. %

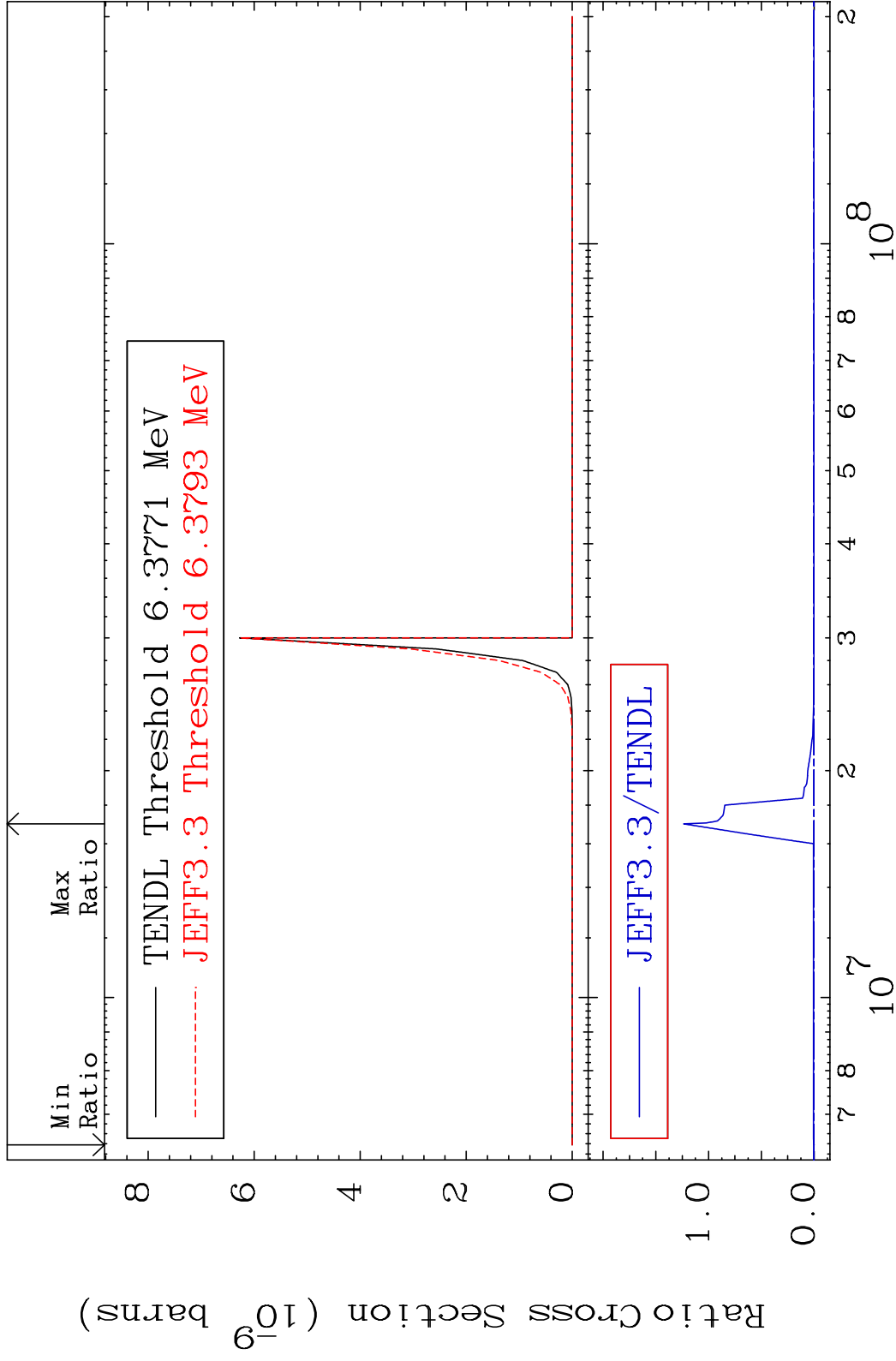
69-Tm-171



MAT 6931

(n, n') p α 69-Tm-171

Cross Section -100.0 To 9999. %

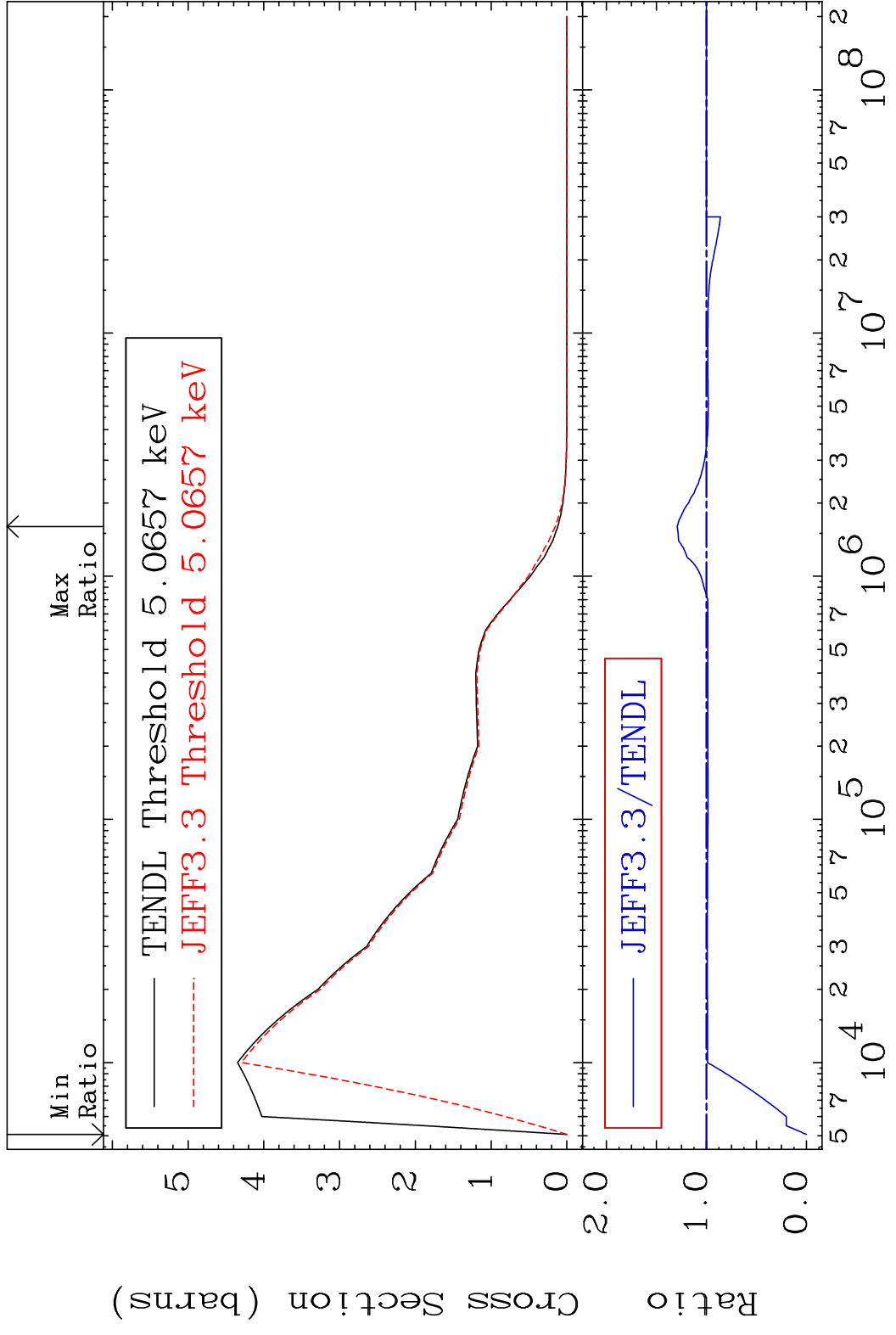


19

Incident Energy (eV)

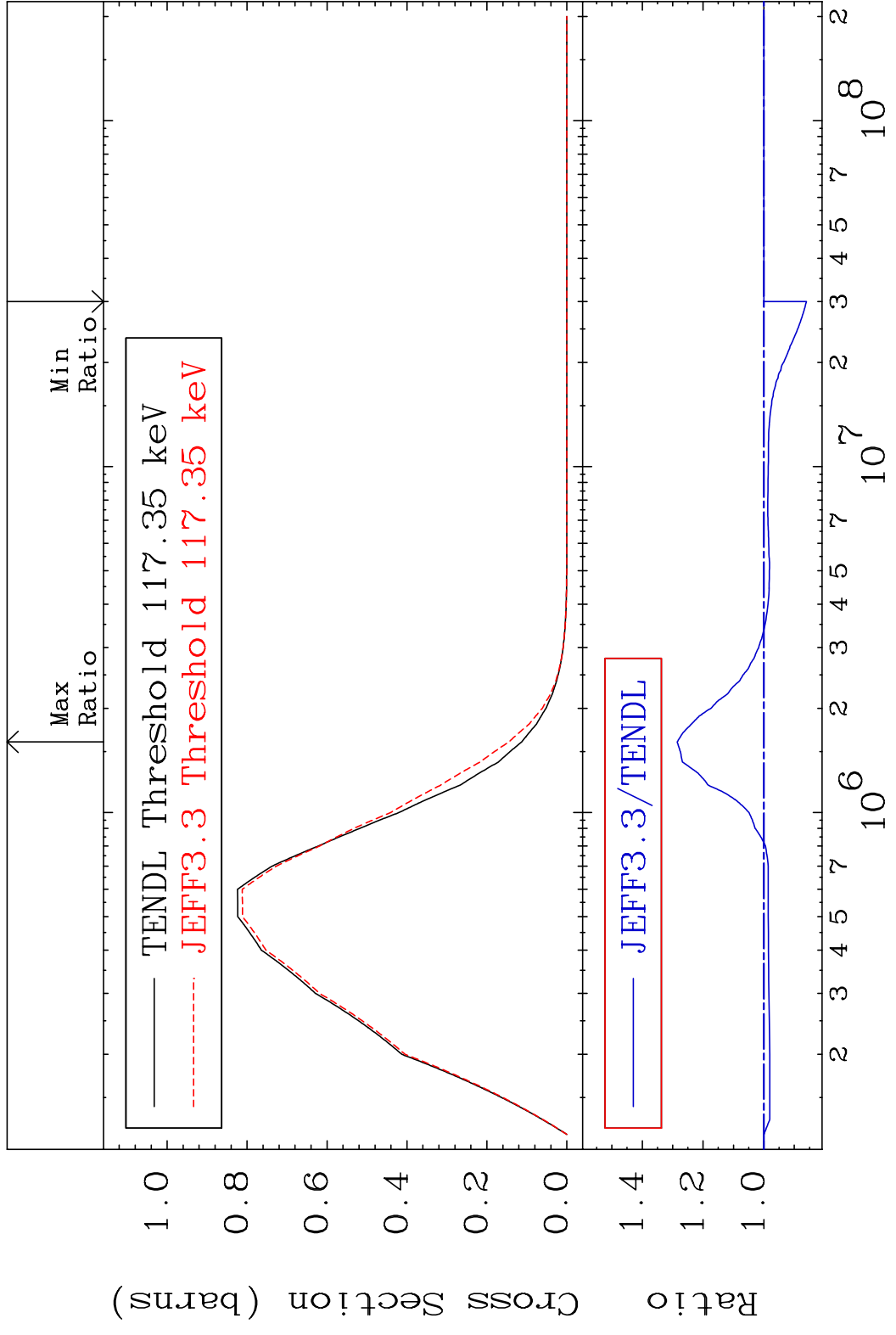
69-Tm-171

MAT 6931 MT= 51 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 29.26 %

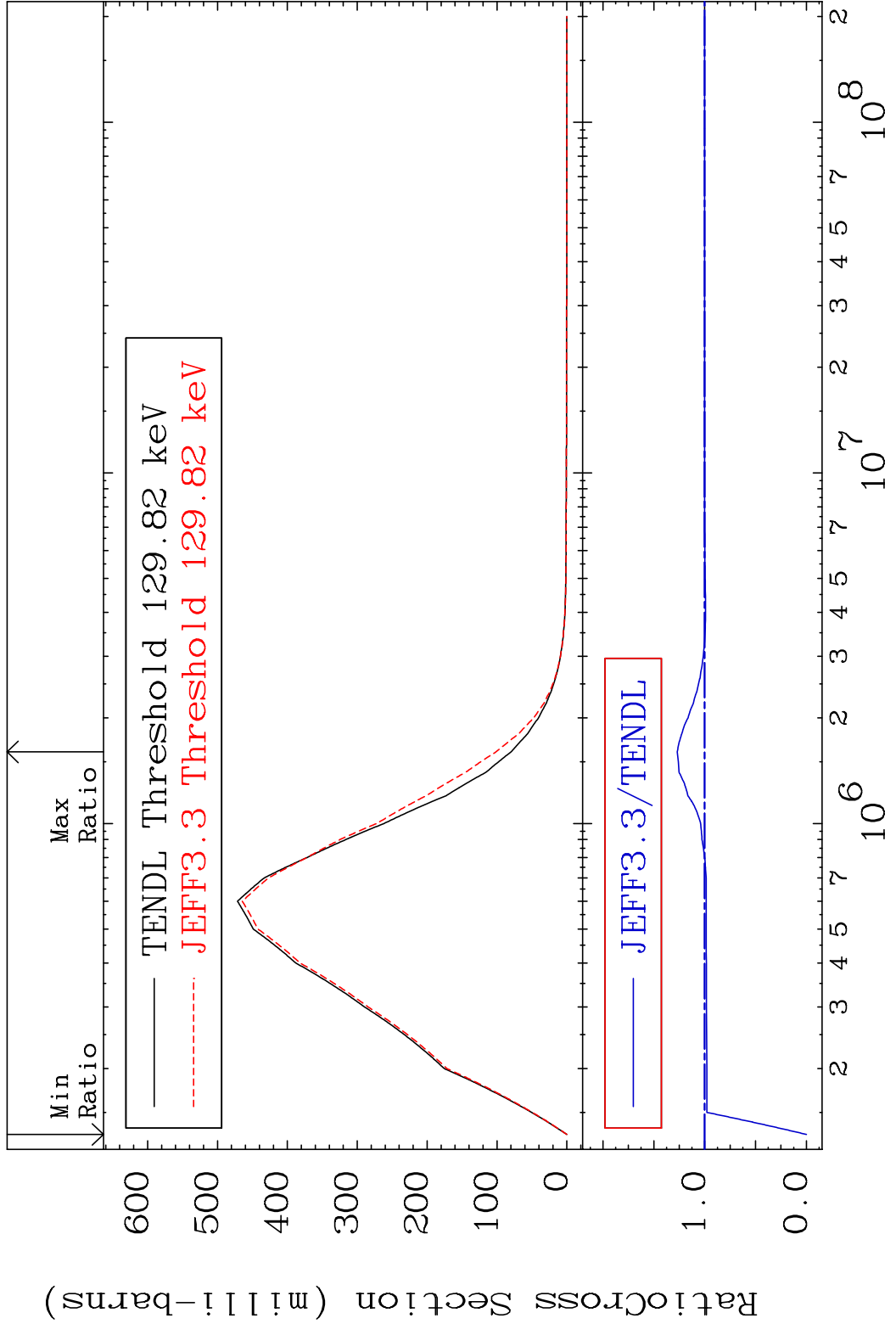


20 Incident Energy (eV) 69-Tm-171

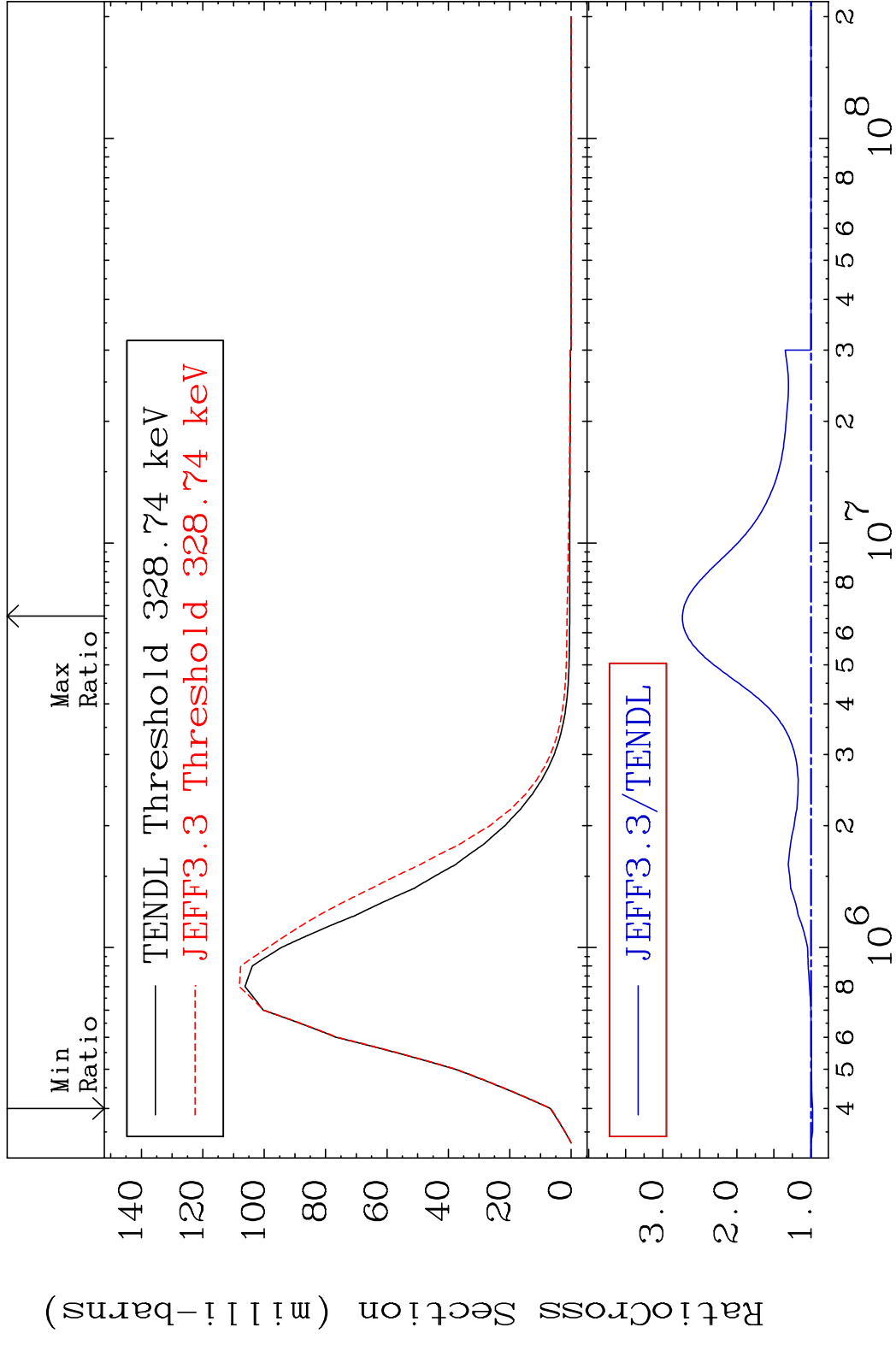
MAT 6931 MT= 52 (n, n') Level 69-Tm-171
 Cross Section -13.97 To 28.52 %



MAT 6931 MT= 53 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 27.04 %



MAT 6931 MT= 54 (n, n') Level 69-Tm-171
 Cross Section -2.166 To 173.5 %

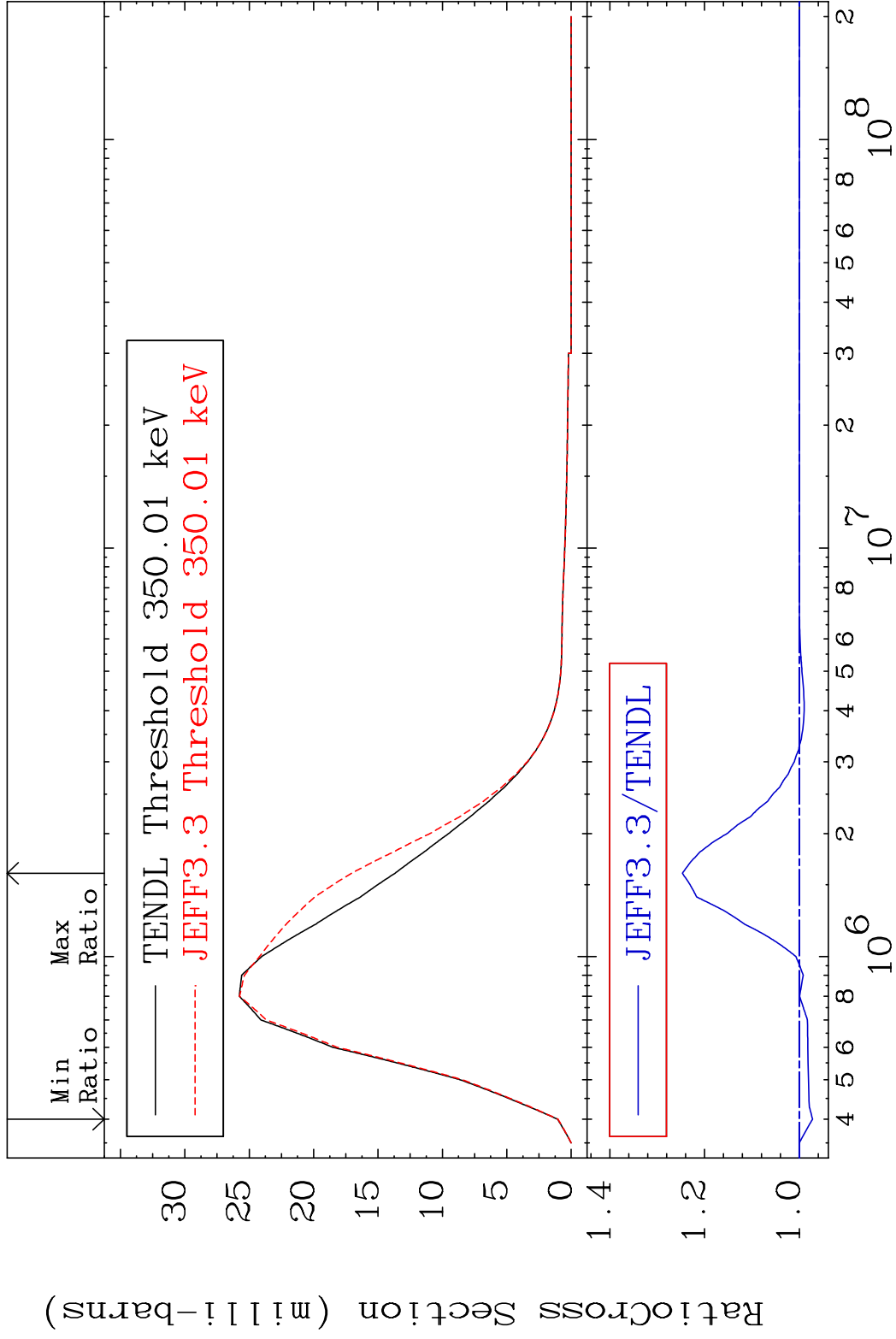


MAT 6931

MT= 55 (n, n') Level

69-Tm-171

Cross Section -2.797 To 24.69 %

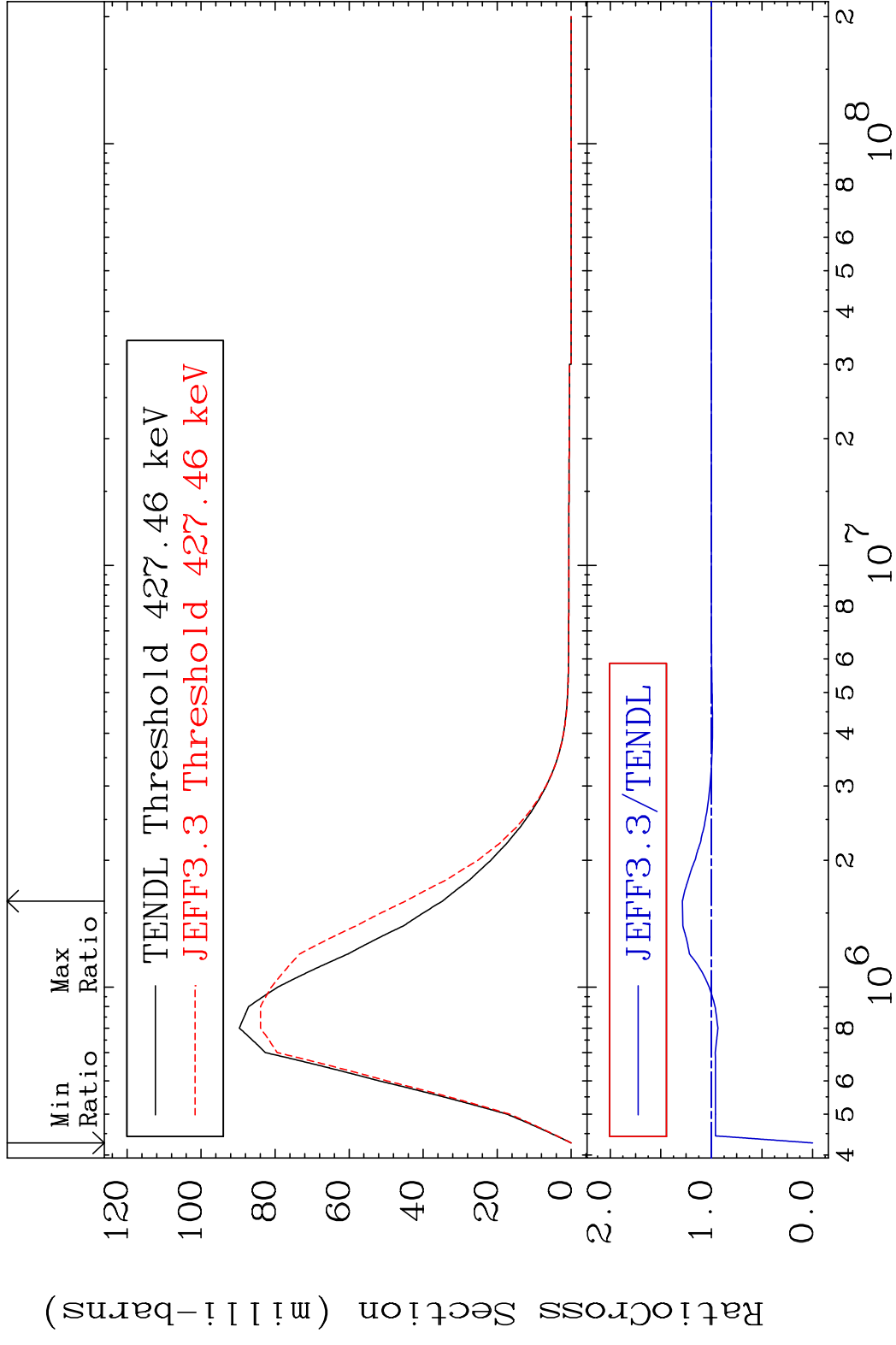


24

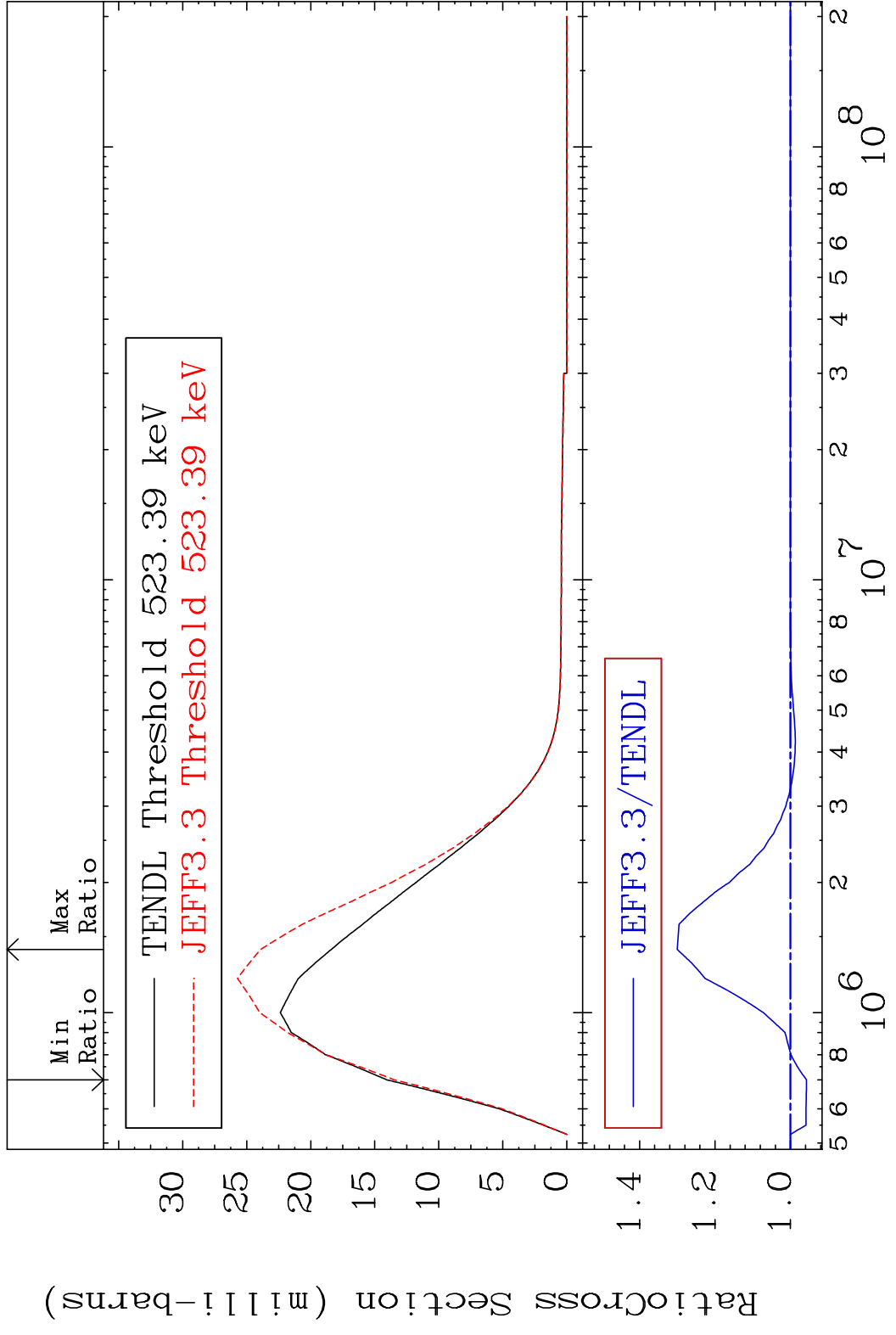
Incident Energy (eV)

69-Tm-171

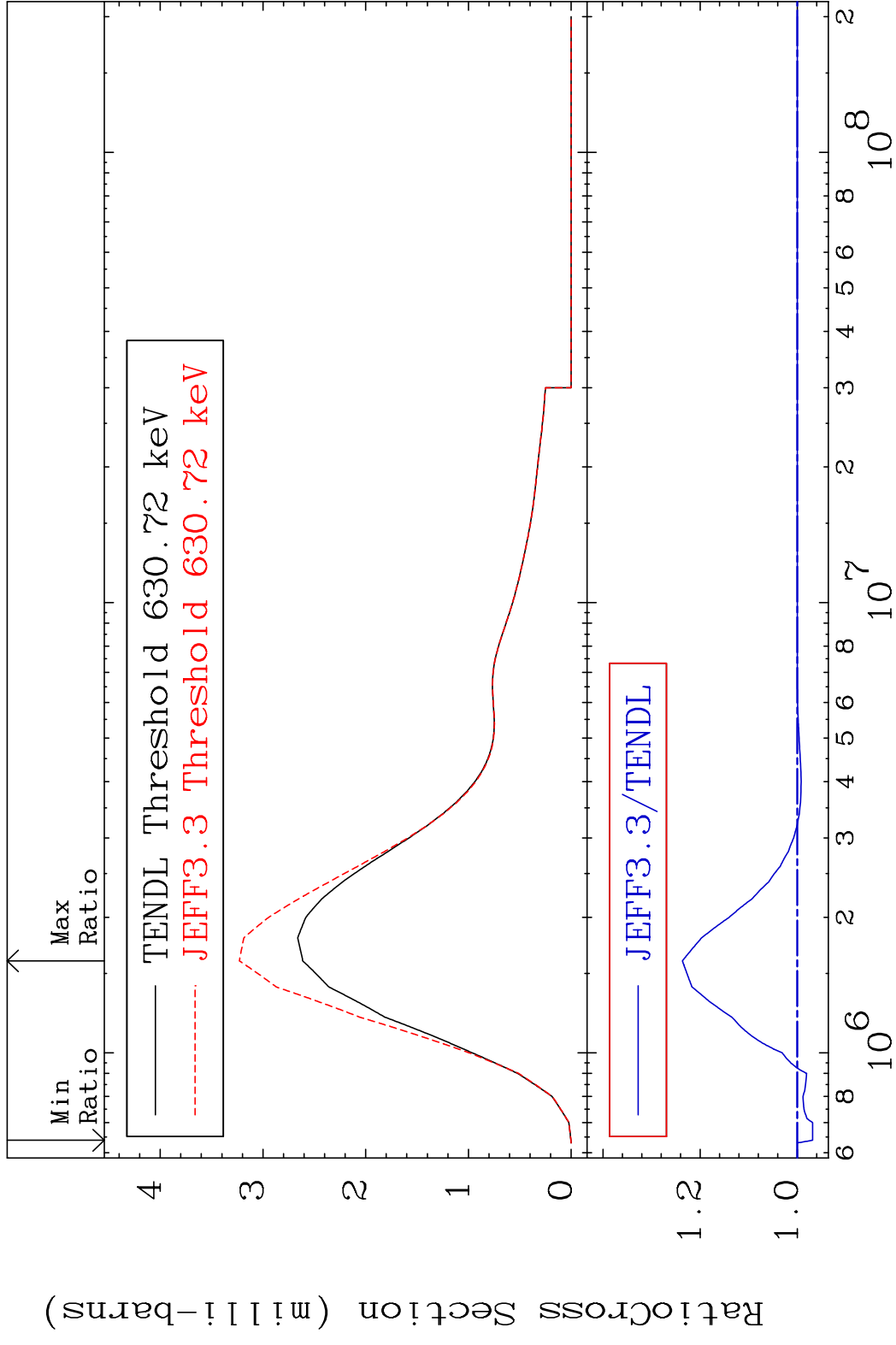
MAT 6931 MT= 56 (n,n') Level 69-Tm-171
 Cross Section -100.0 To 28.72 %



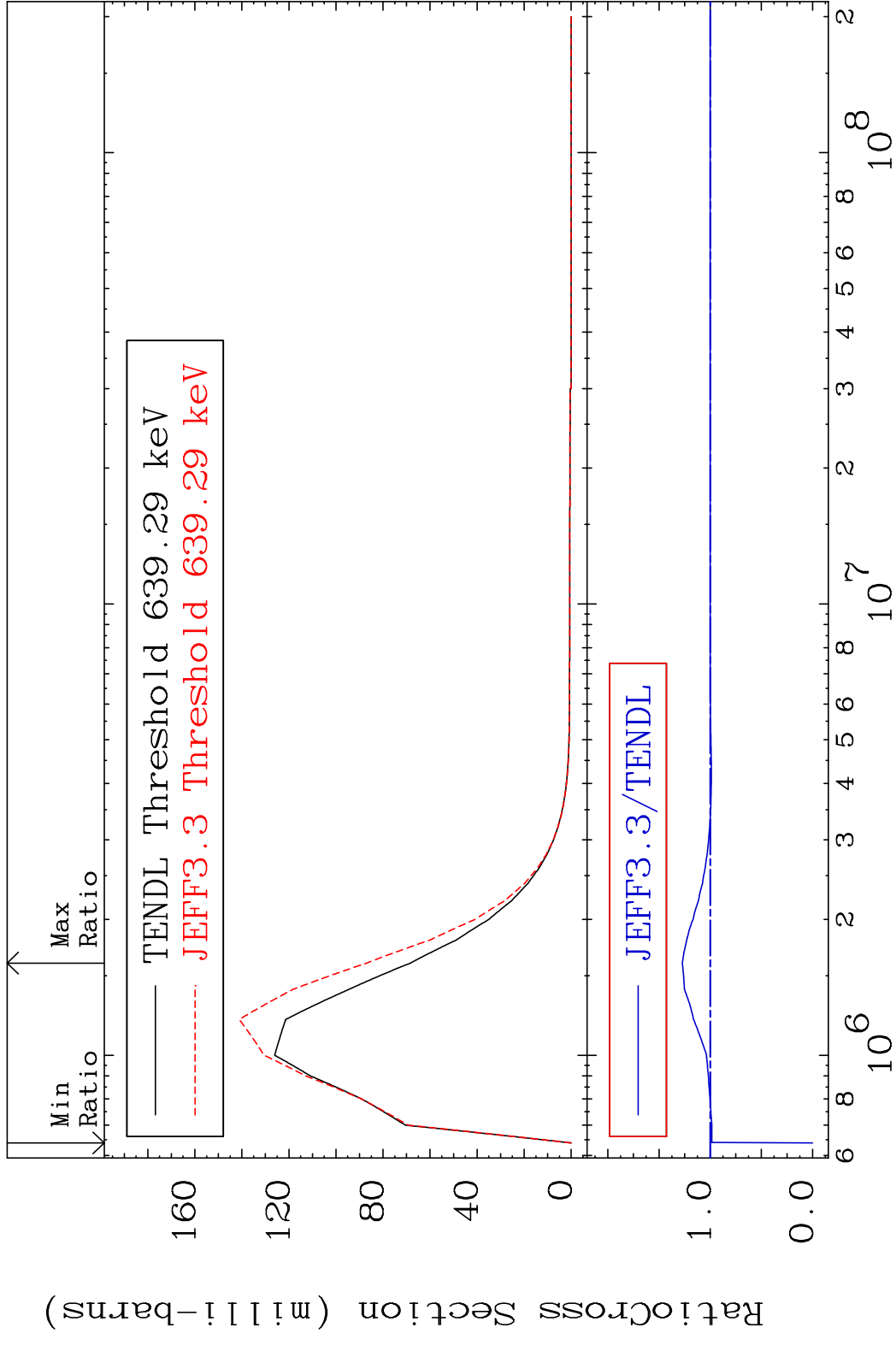
MAT 6931 MT= 57 (n, n') Level 69-Tm-171
 Cross Section -4.231 To 30.02 %



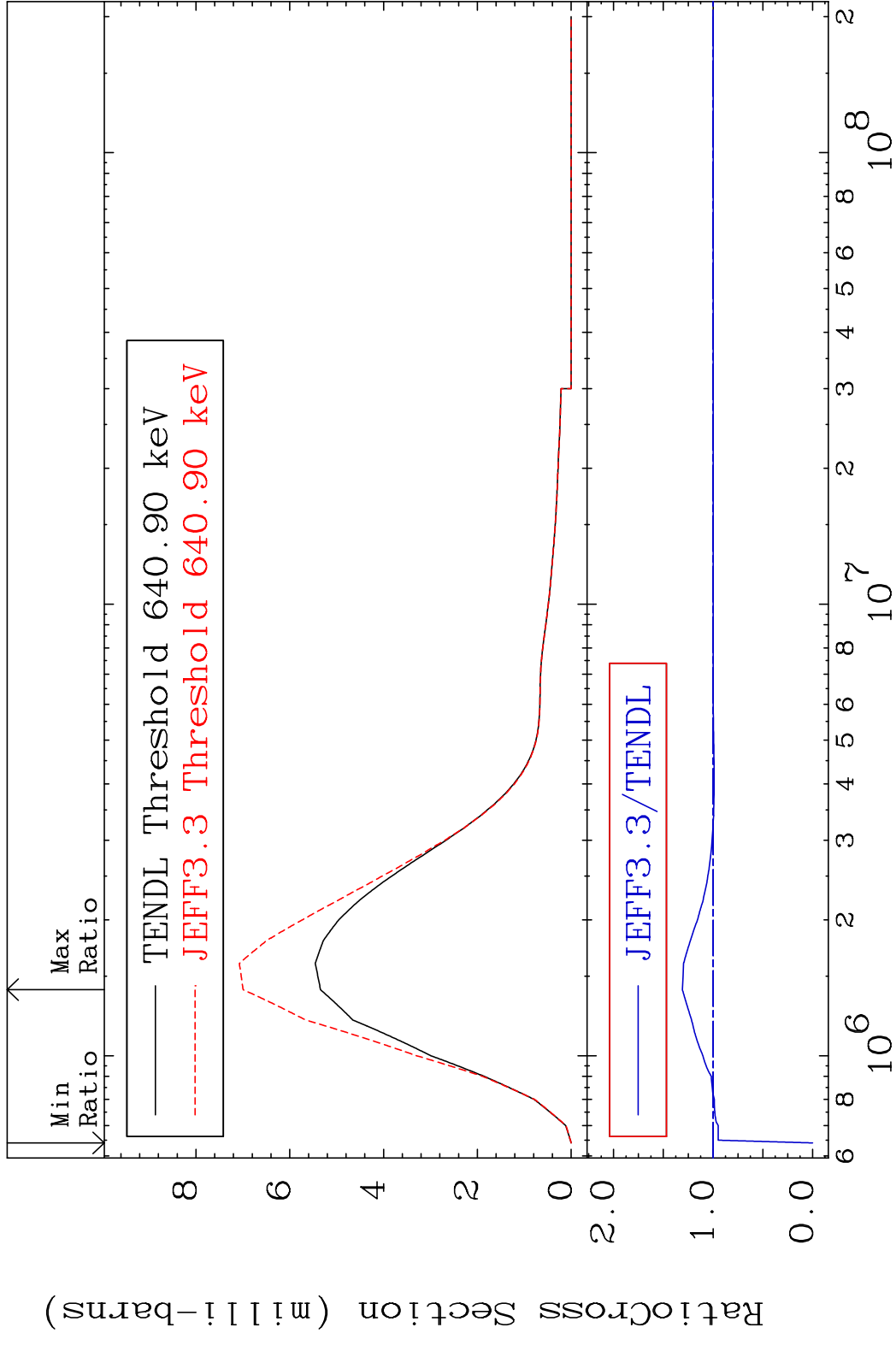
MAT 6931 MT= 58 (n,n') Level 69-Tm-171
 Cross Section -3.159 To 23.65 %



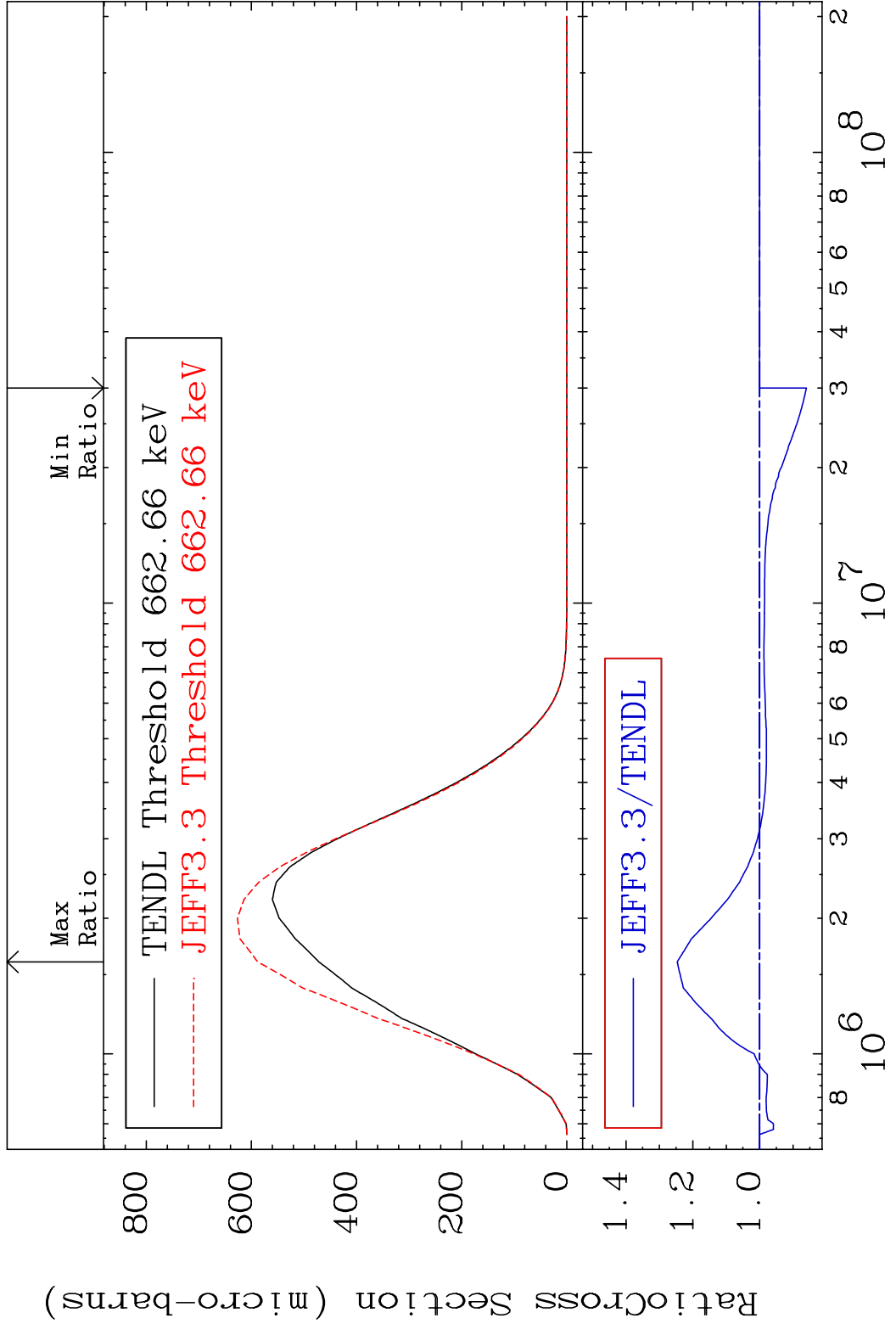
MAT 6931 MT= 59 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 27.21 %



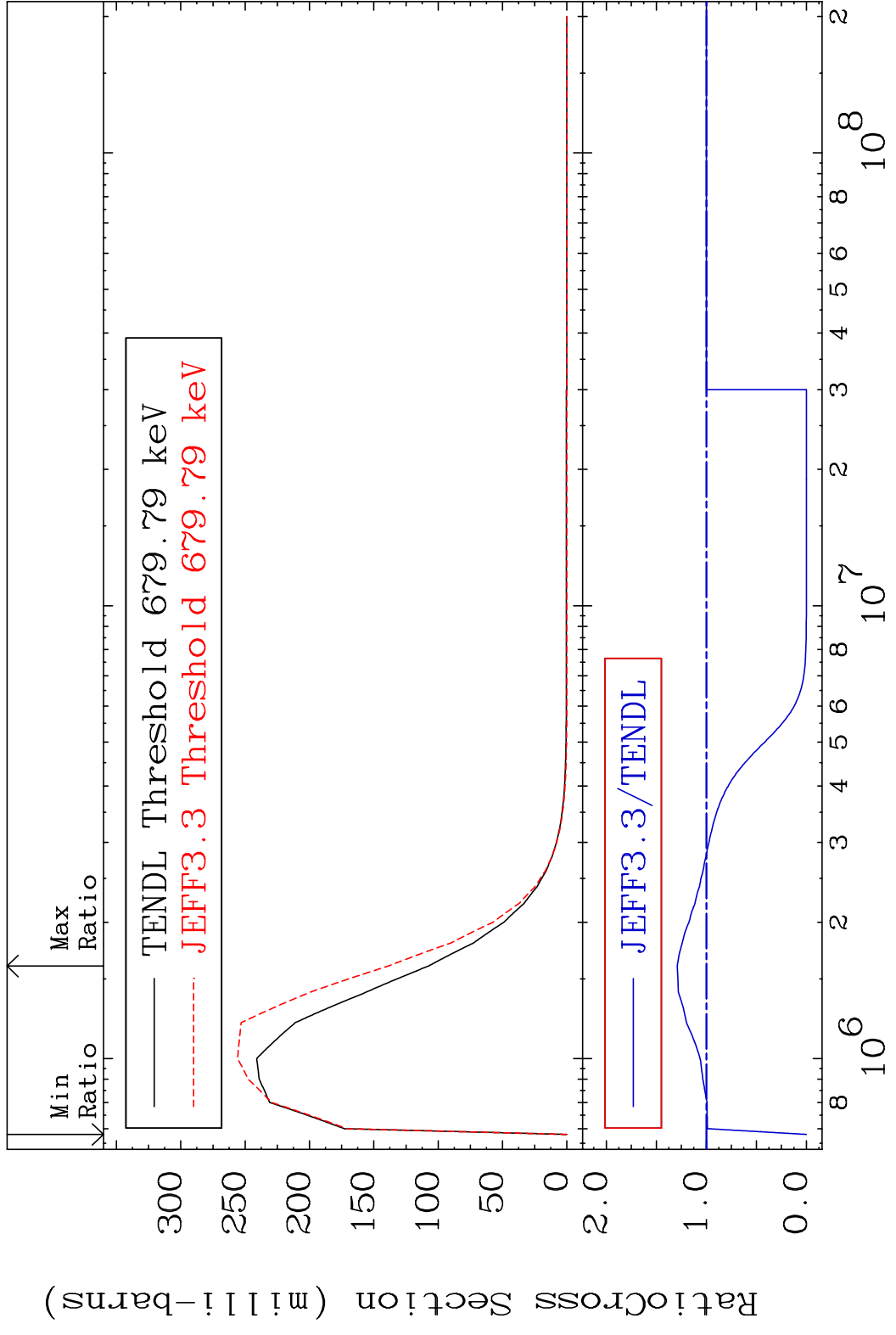
MAT 6931 MT= 60 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 30.88 %



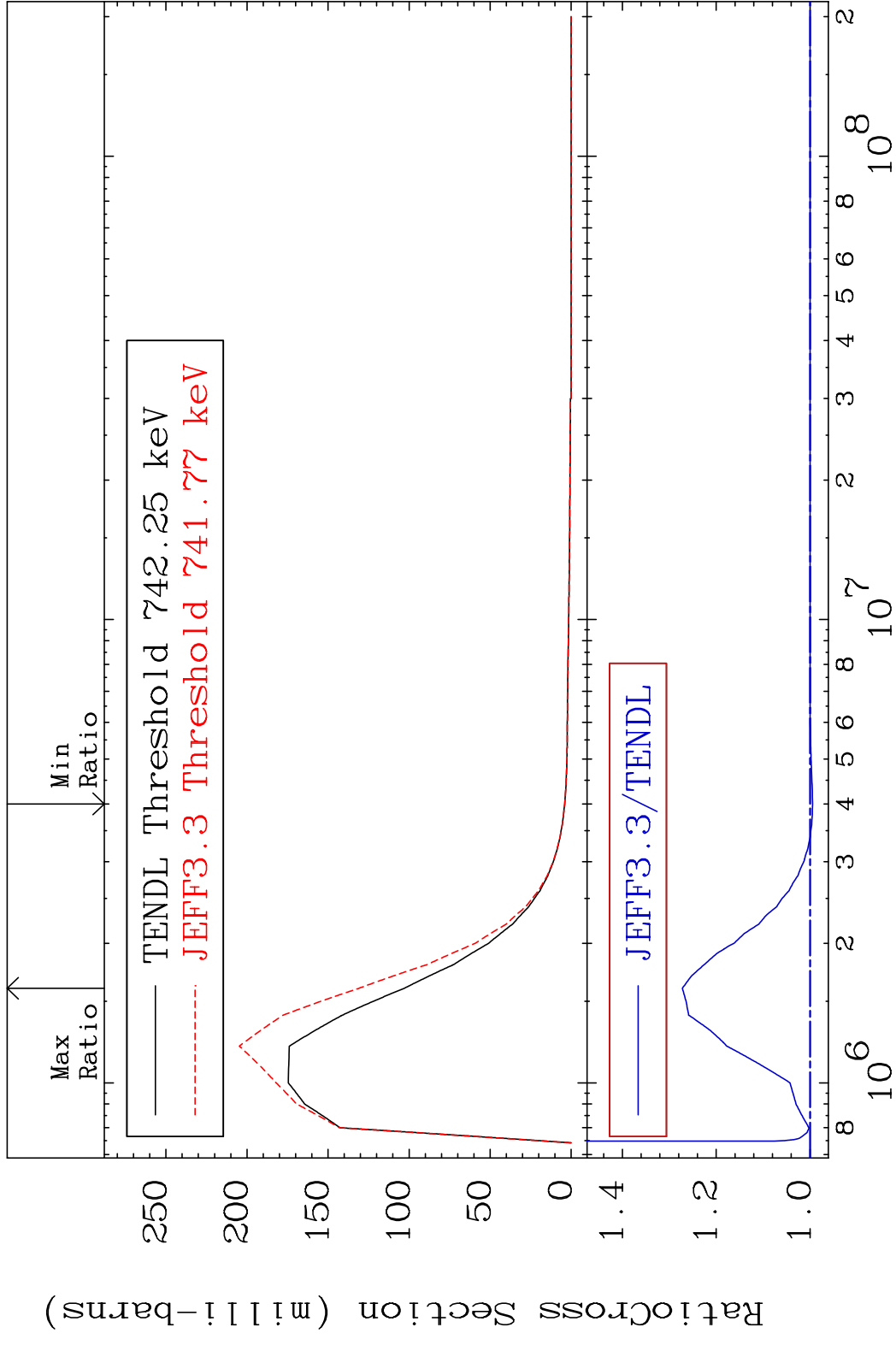
MAT 6931 MT= 61 (n, n') Level 69-Tm-171
 Cross Section -13.99 To 24.67 %



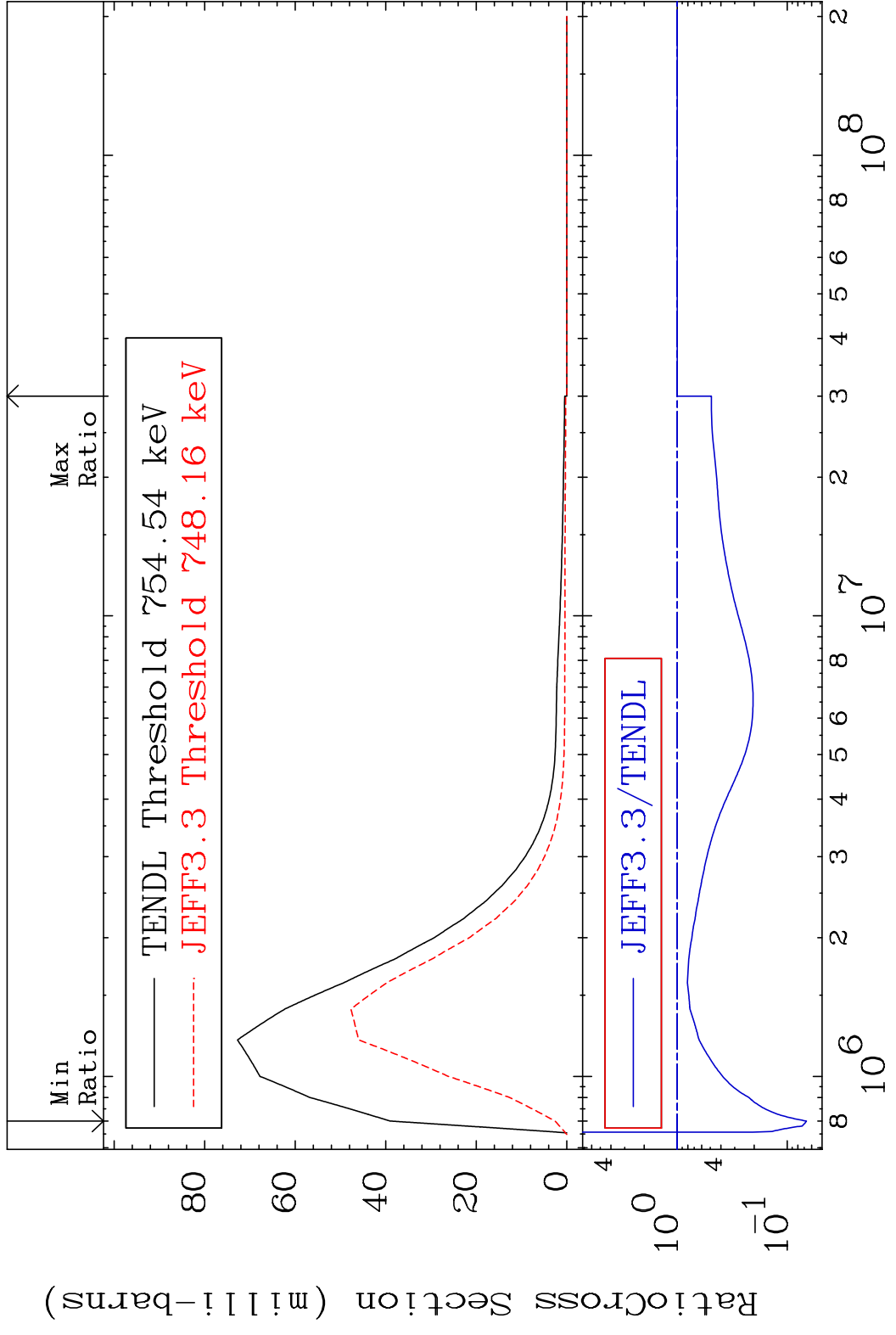
MAT 6931 MT= 62 (n, n') Level 69-Tm-171
 Cross Section -100.0 To 29.15 %



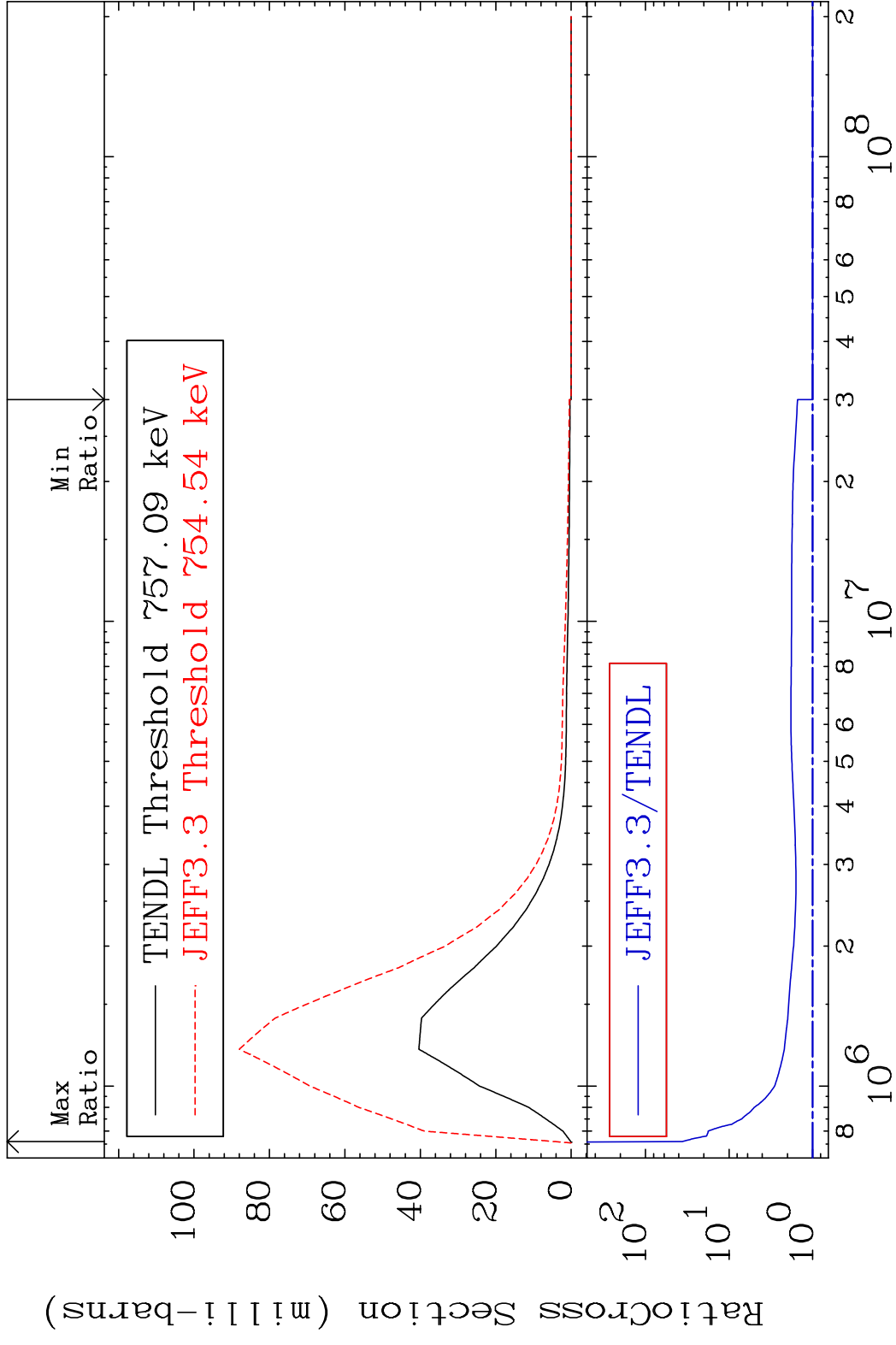
MAT 6931 MT= 63 (n, n') Level 69-Tm-171
 Cross Section -0.536 To 27.22 %



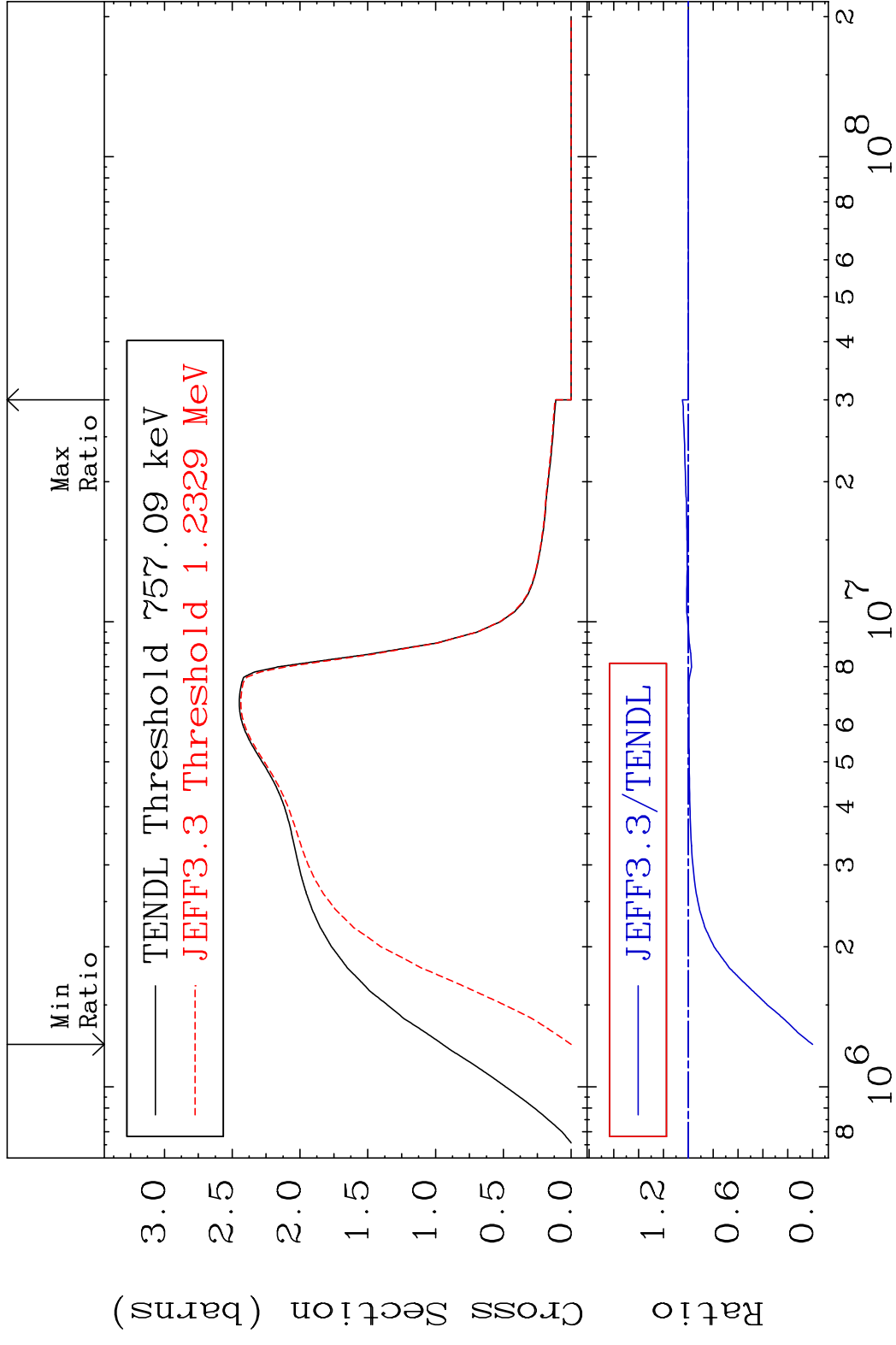
MAT 6931 MT= 64 (n, n') Level 69-Tm-171
 Cross Section -93.31 To 0.000 %



MAT 6931 MT= 65 (n, n') Level 69-Tm-171
 Cross Section 0.000 To 3522. %



MAT 6931 (n, n') Continuum 69-Tm-171
 Cross Section -100.0 To 4.844 %

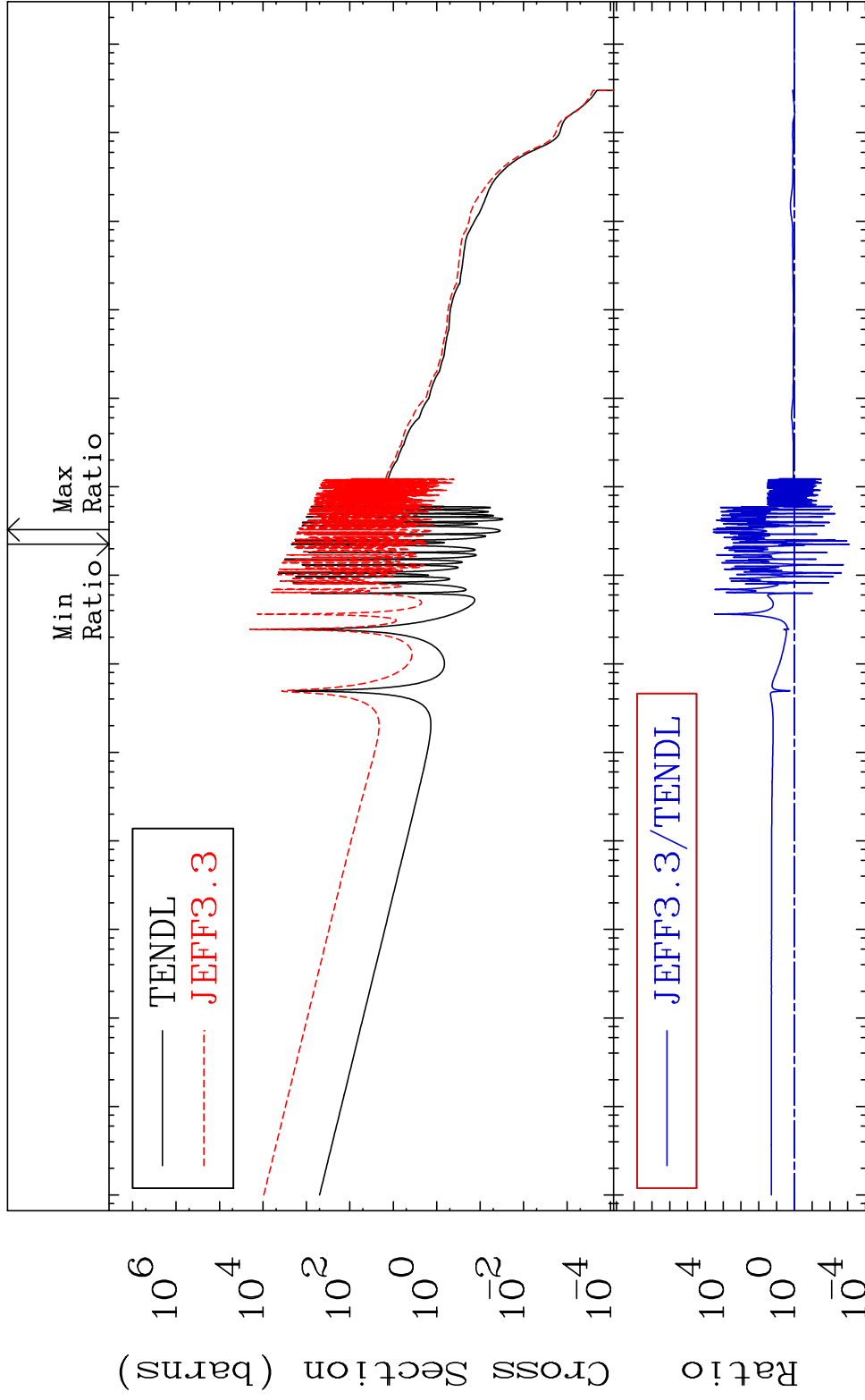


MAT 6931

(n, γ)

69-Tm-171

Cross Section -99.92 To 9999. %



36

Incident Energy (eV)

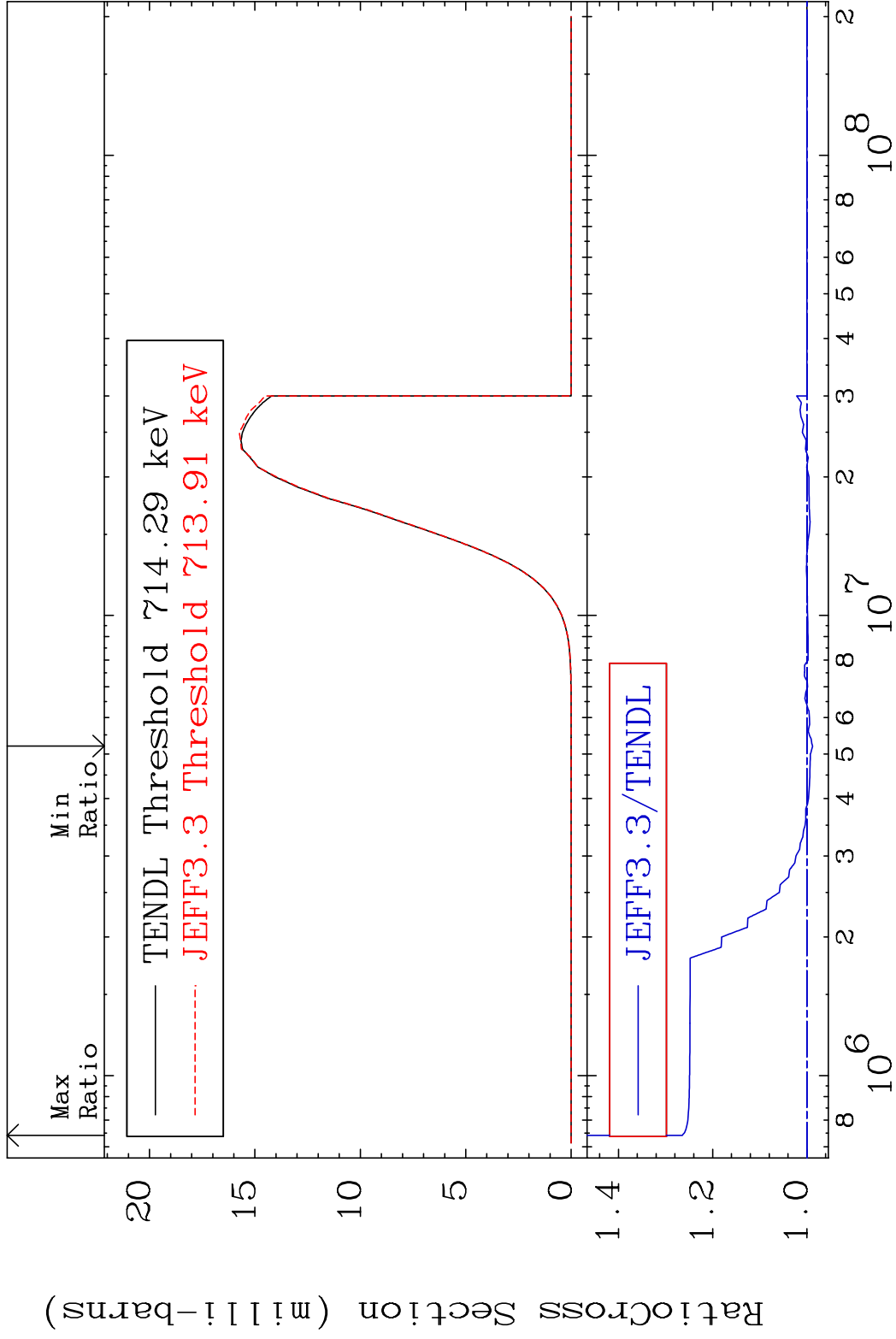
69-Tm-171

MAT 6931

(n, p)

69-Tm-171

Cross Section -1.206 To 26.43 %



37

Incident Energy (eV)

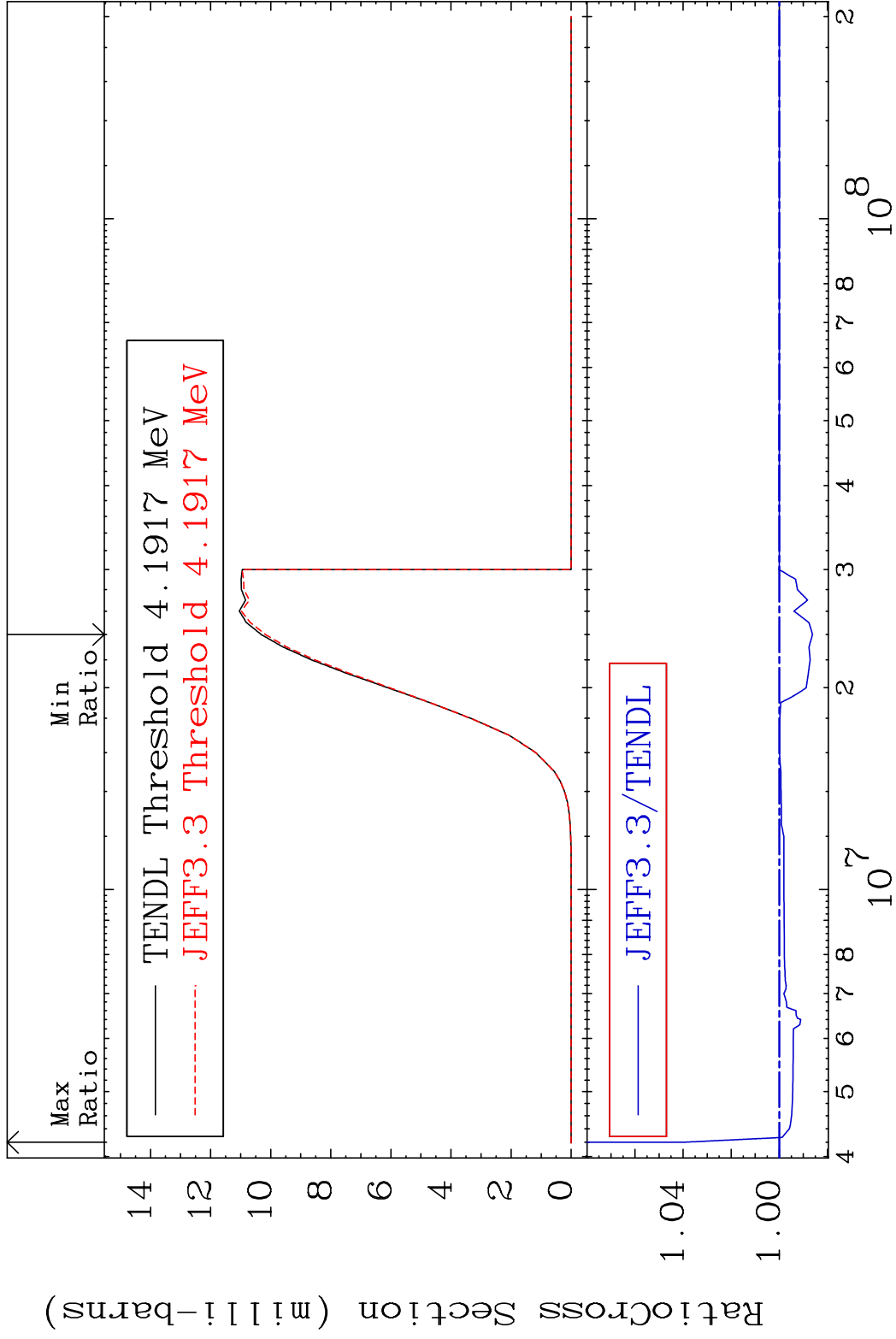
69-Tm-171

MAT 6931

(n, d)

69-Tm-171

Cross Section -1.385 To 4.031 %

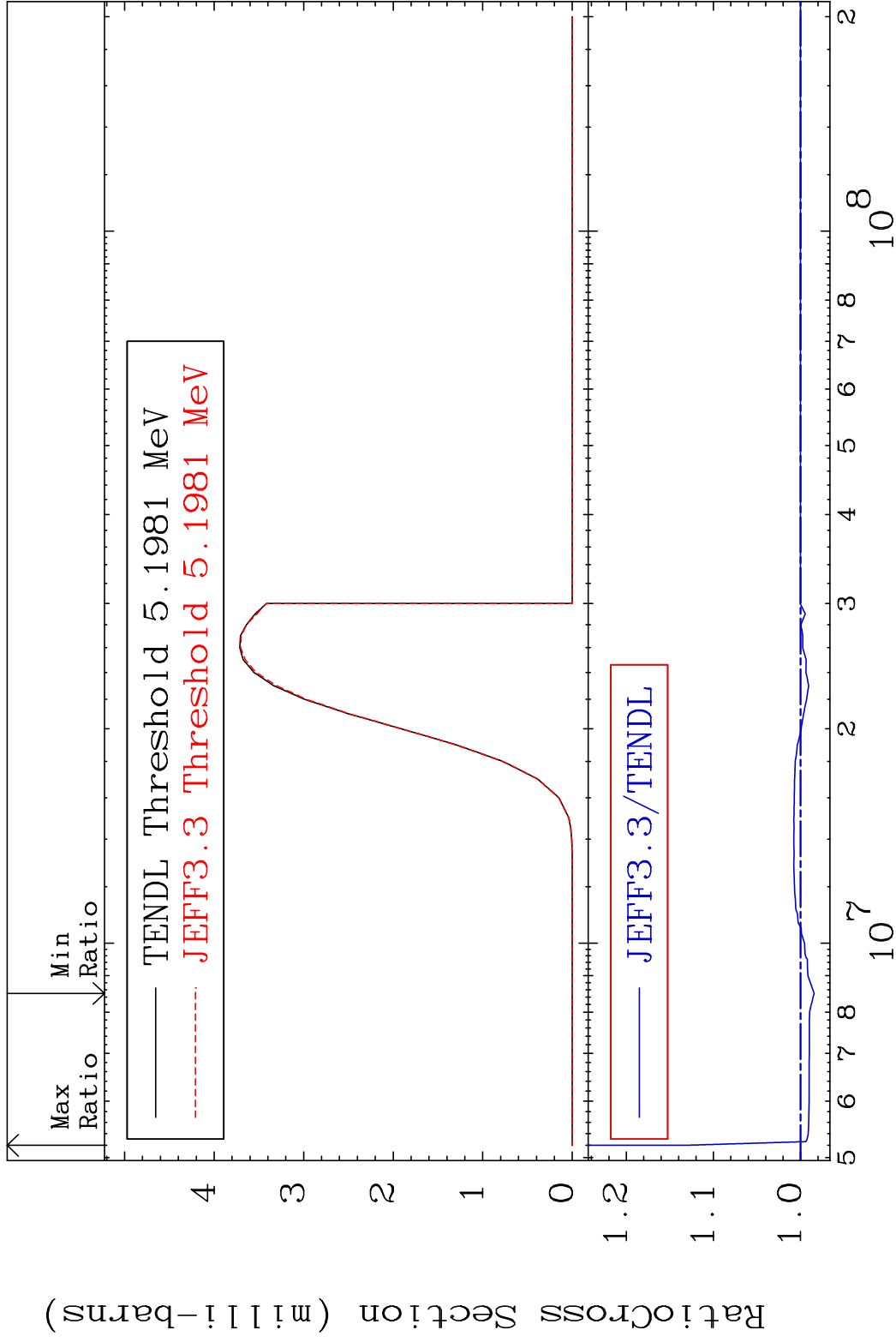


MAT 6931

(n, t)

69-Tm-171

Cross Section -1.556 To 13.42 %



39

Incident Energy (eV)

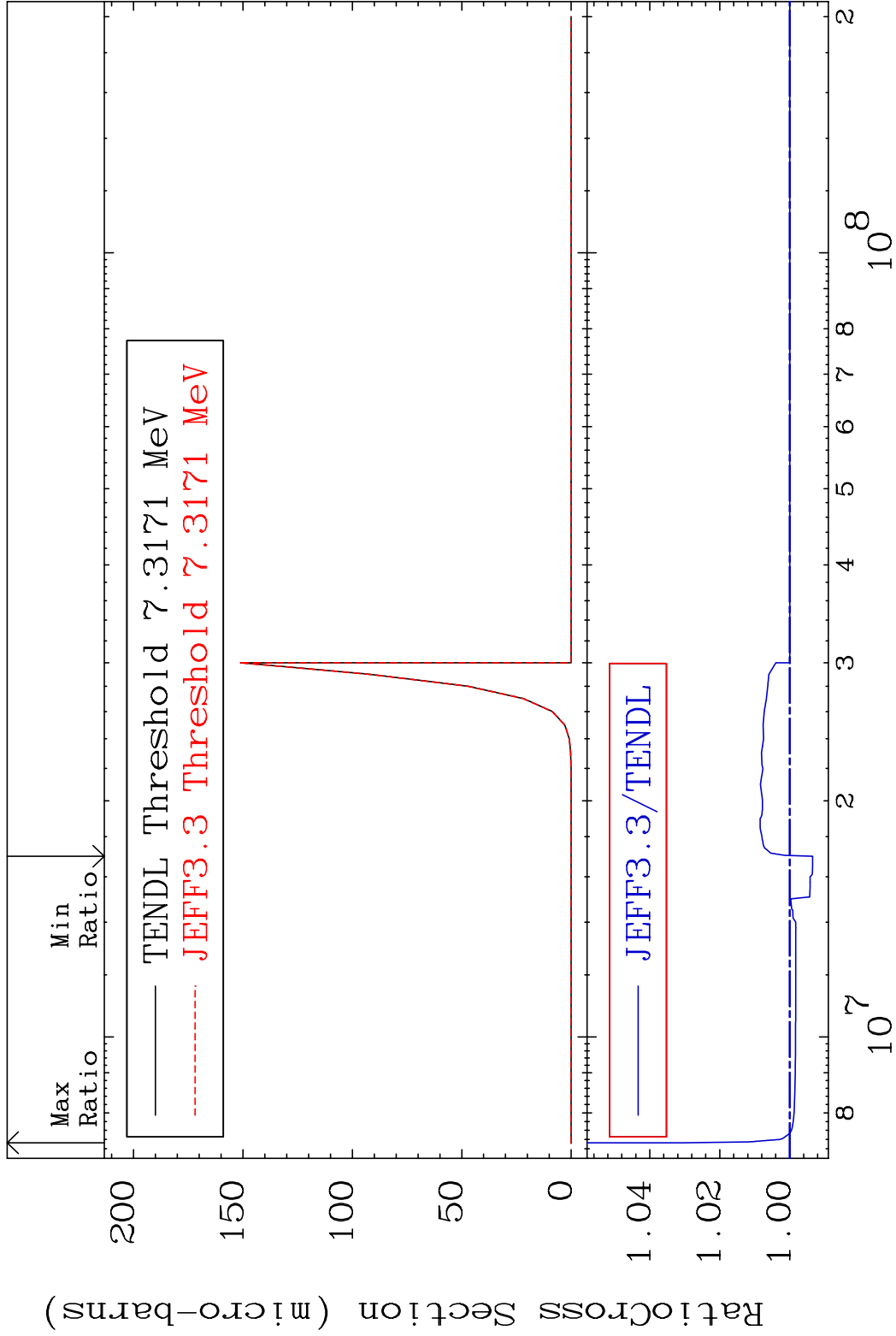
69-Tm-171

MAT 6931

(n, He-3)

69-Tm-171

Cross Section -0.653 To 3.069 %



40

Incident Energy (eV)

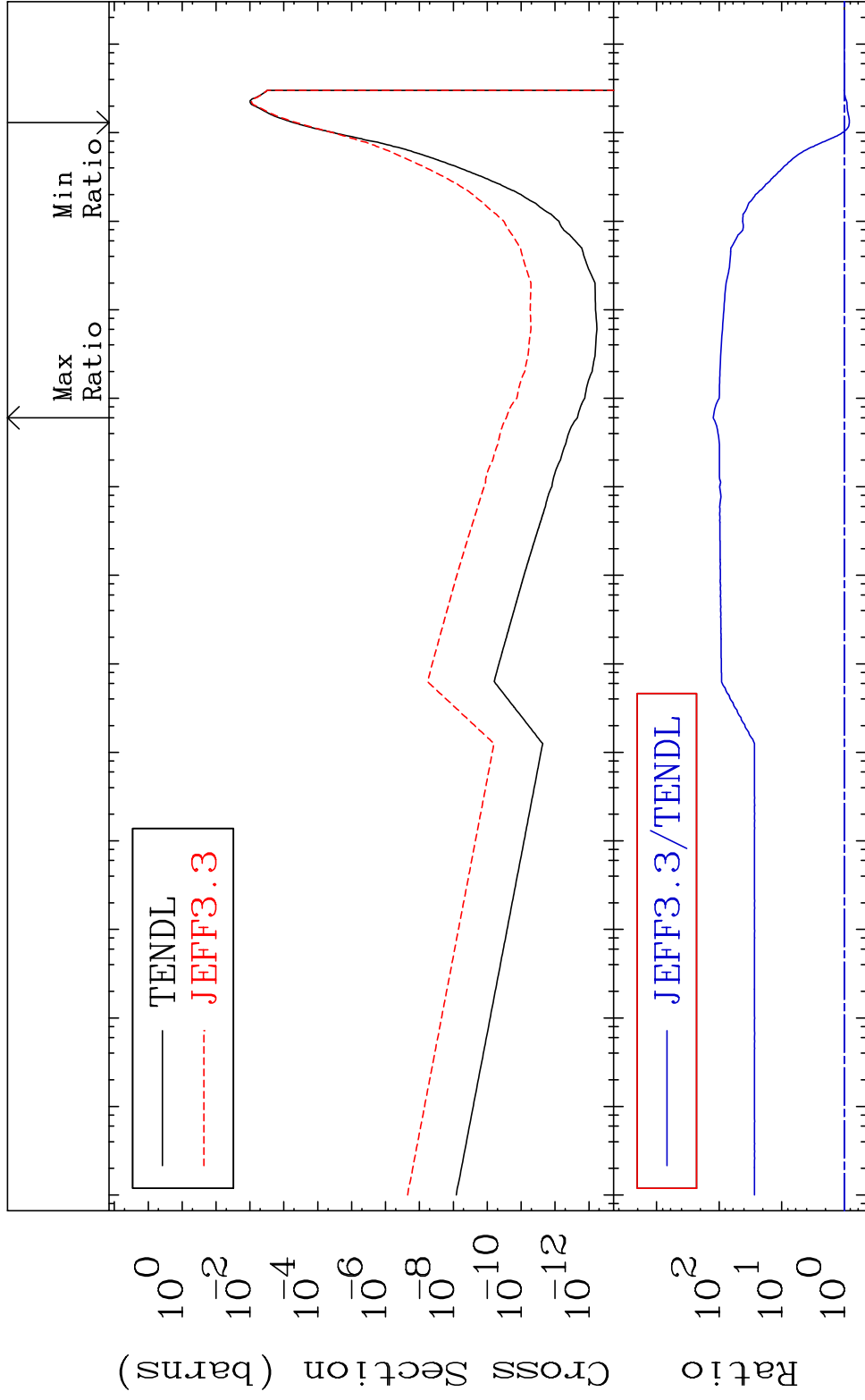
69-Tm-171

MAT 6931

(n, α)

69-Tm-171

Cross Section -16.77 To 9999. %



41

Incident Energy (eV)

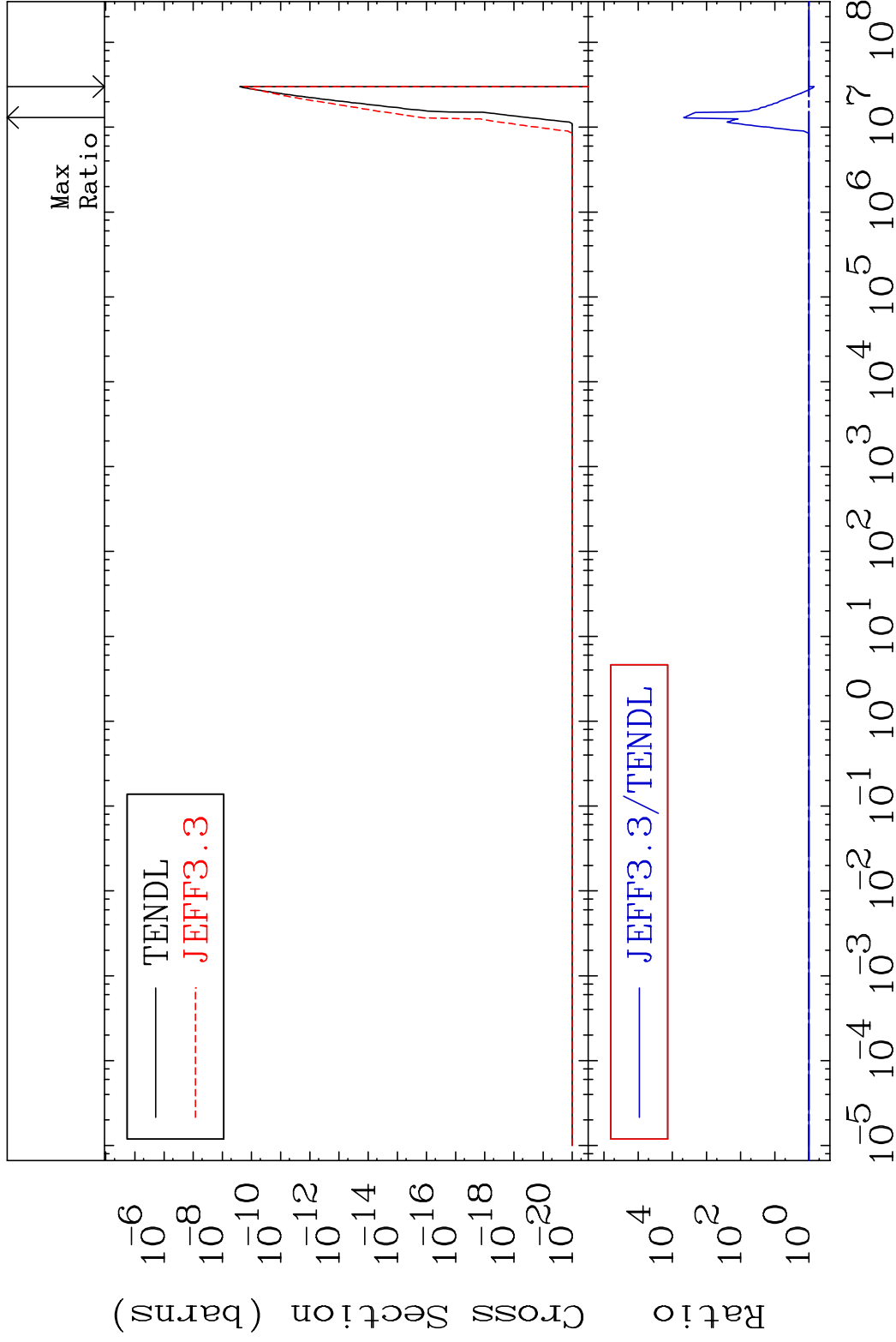
69-Tm-171

MAT 6931

(n, 2α)

69-Tm-171

Cross Section -29.17 To 9999. %



42

Incident Energy (eV)

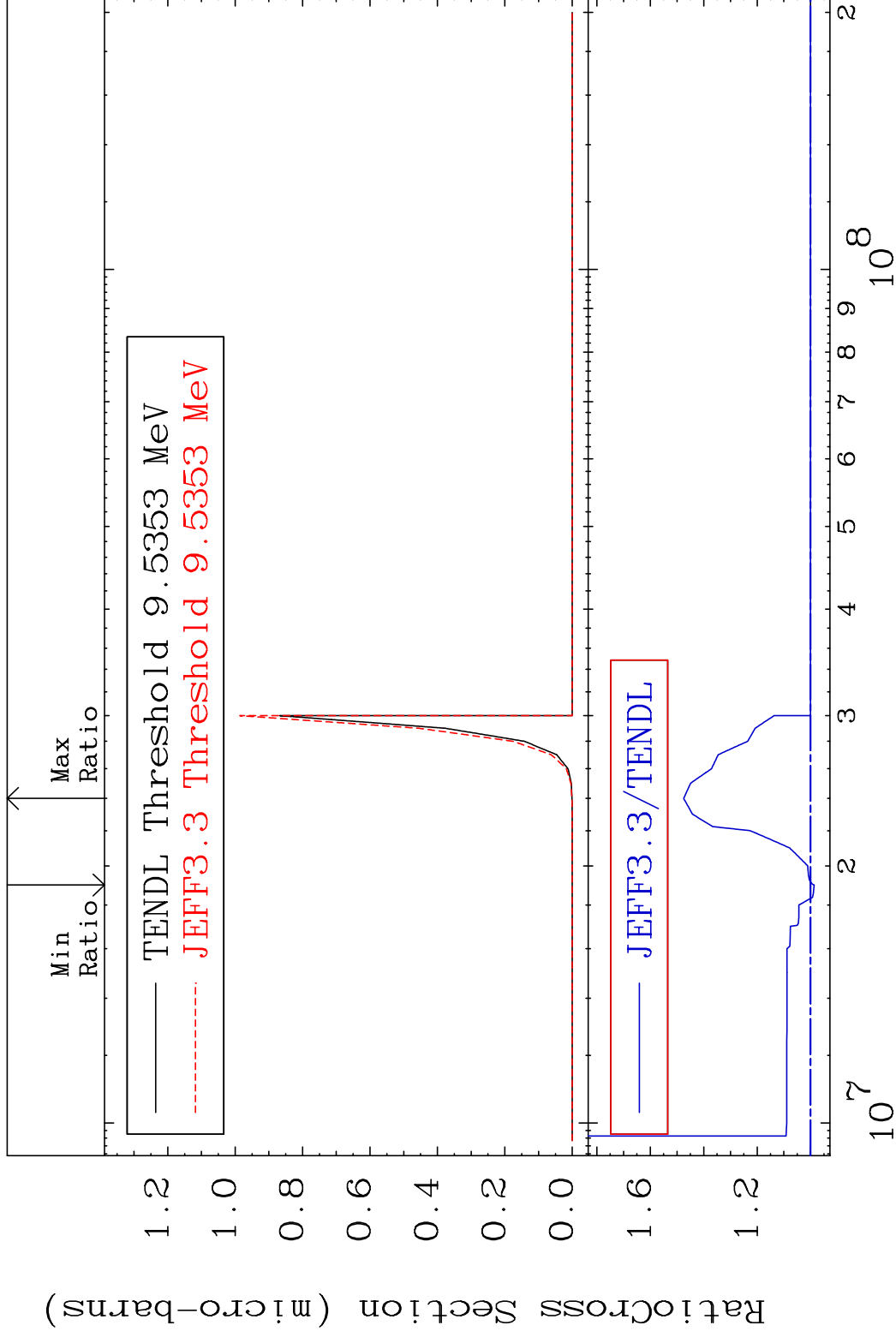
69-Tm-171

MAT 6931

(n,2p)

69-Tm-171

Cross Section -1.312 To 47.51 %



43

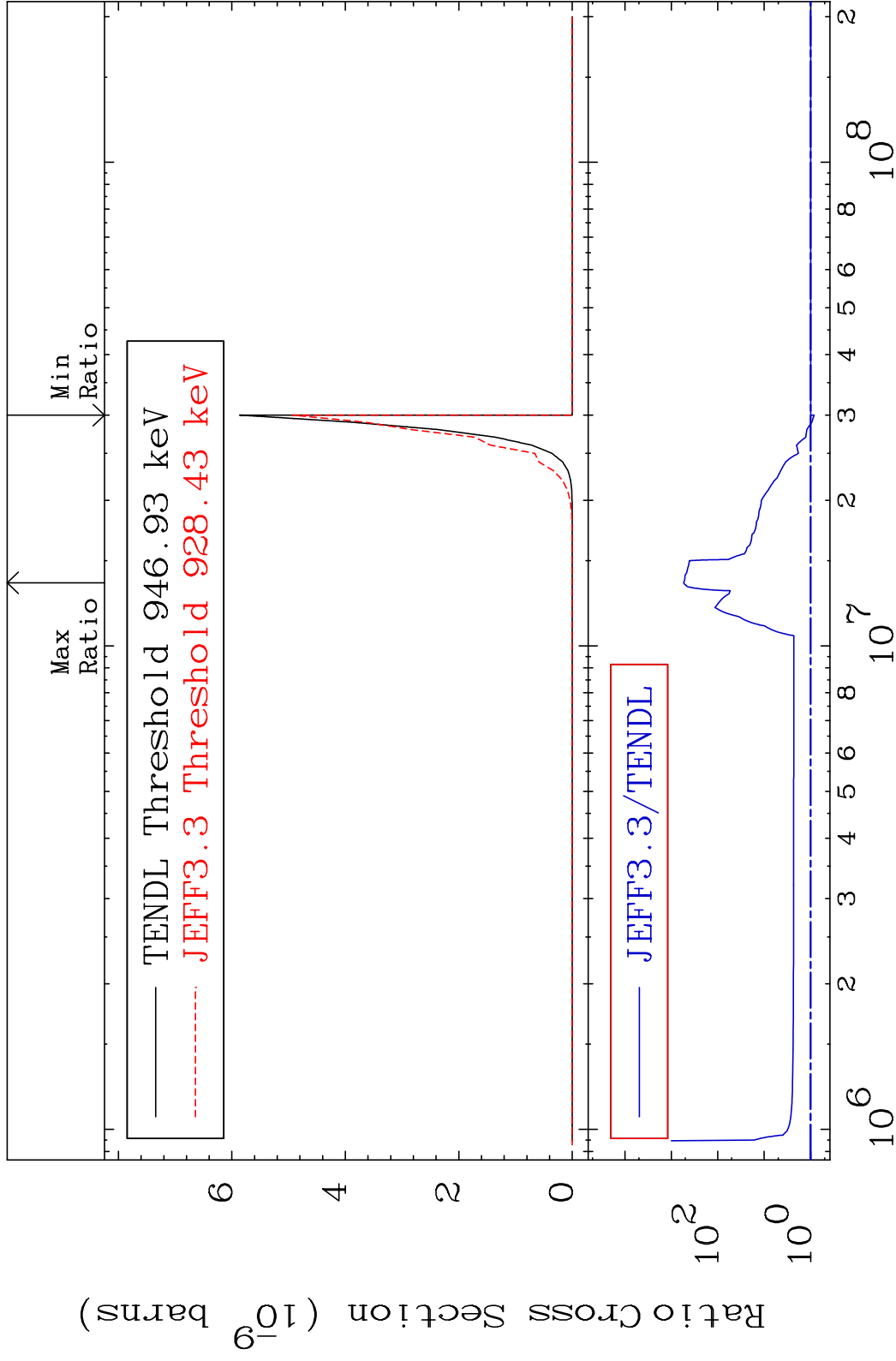
Incident Energy (eV)

69-Tm-171

MAT 6931

(n, p) α 69-Tm-171

Cross Section -15.90 To 9999. %



44

Incident Energy (eV)

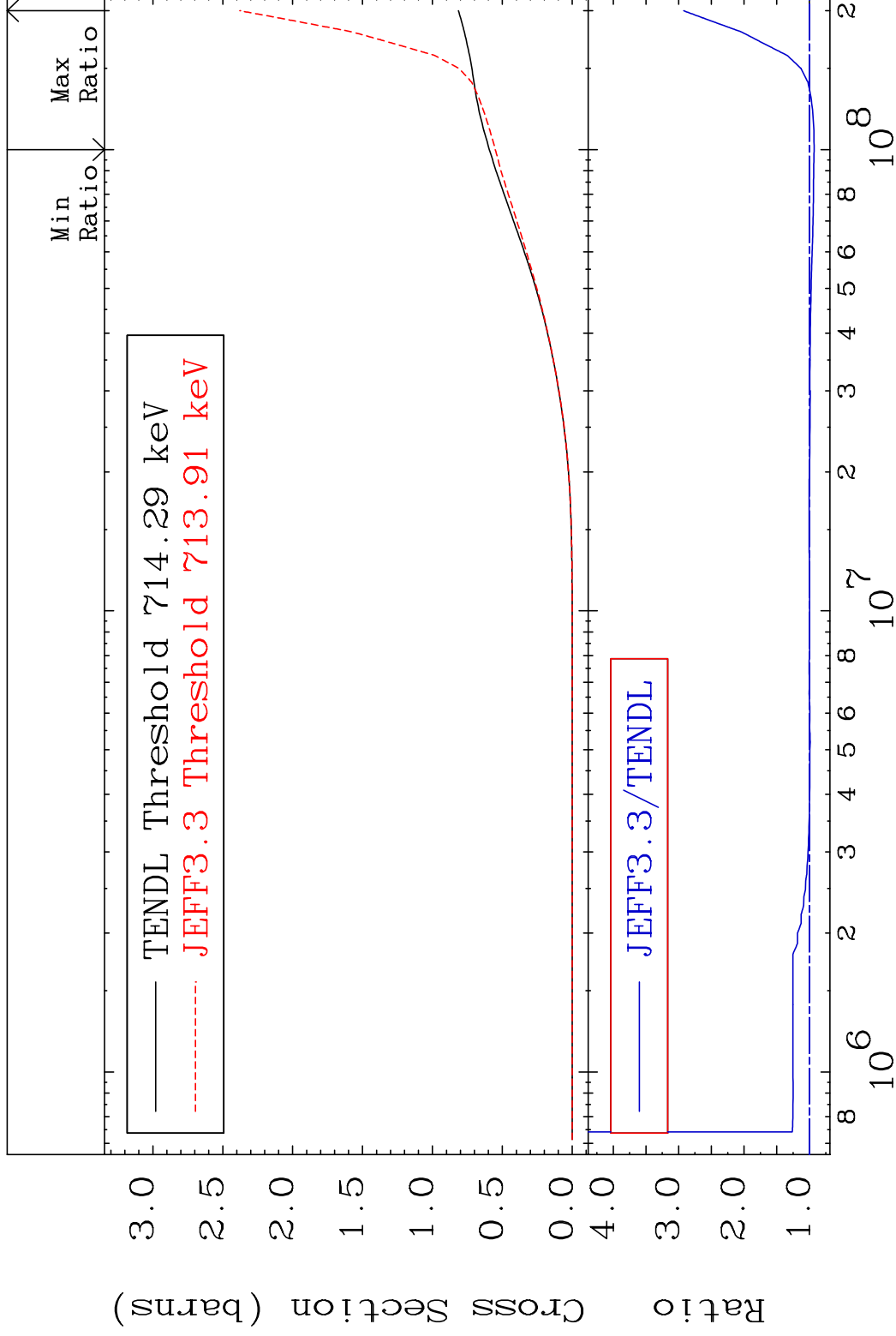
69-Tm-171

MAT 6931

Hydrogen Production

69-Tm-171

Cross Section -7.169 To 192.3 %



45

Incident Energy (eV)

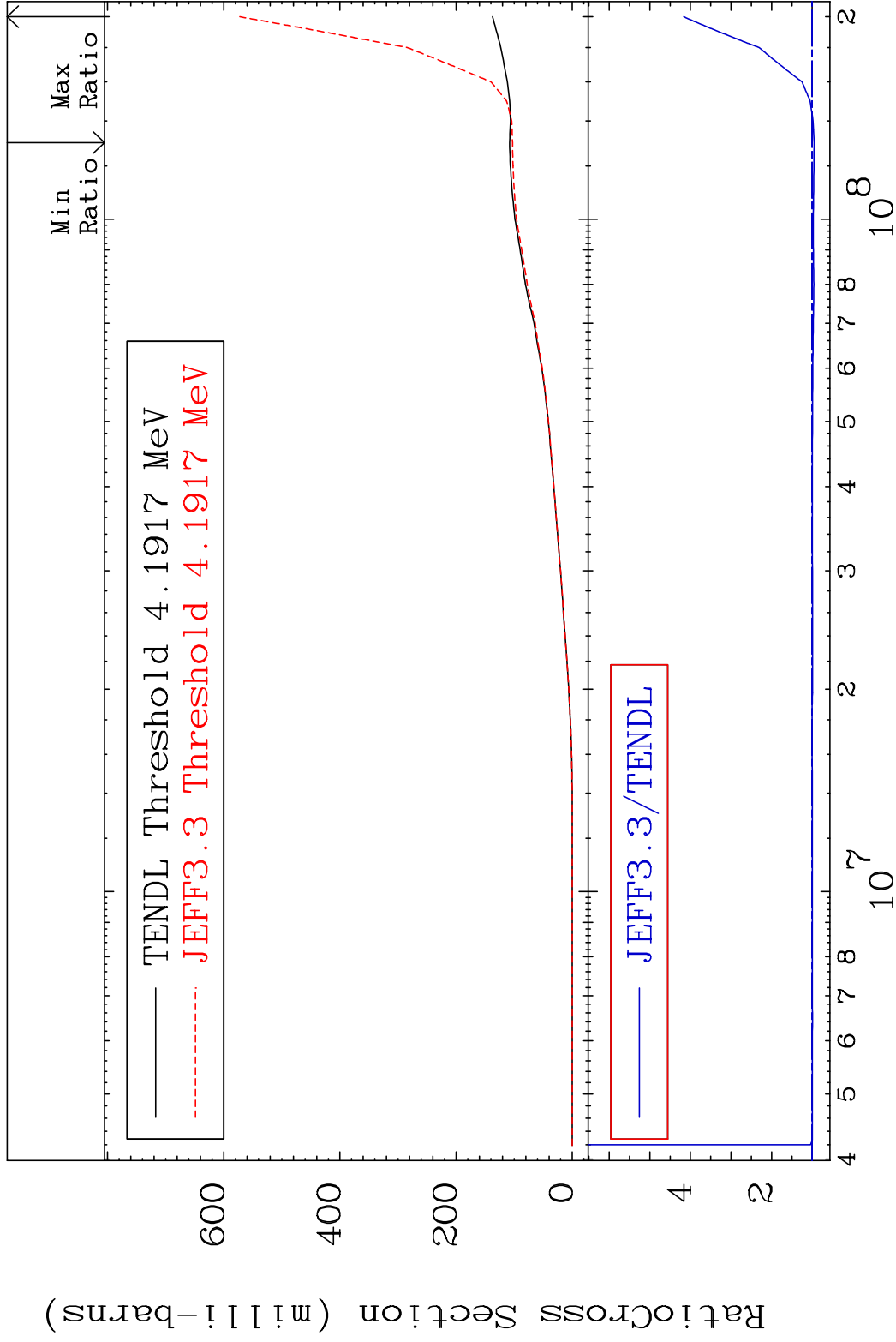
69-Tm-171

MAT 6931

Deuterium Production

69-Tm-171

Cross Section -4.694 To 316.6 %



46

Incident Energy (eV)

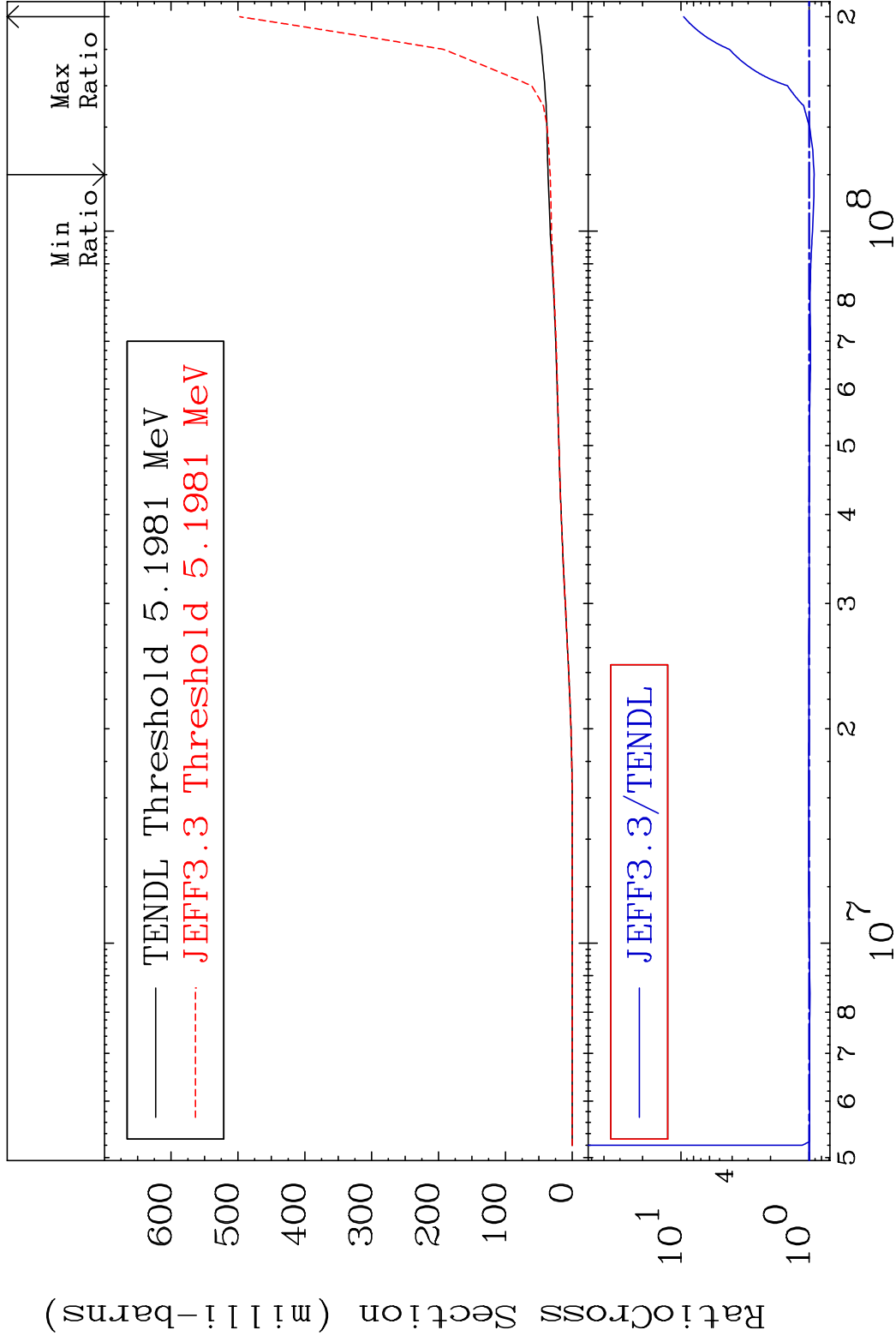
69-Tm-171

MAT 6931

Tritium Production

69-Tm-171

Cross Section -8.555 To 854.4 %



47

Incident Energy (eV)

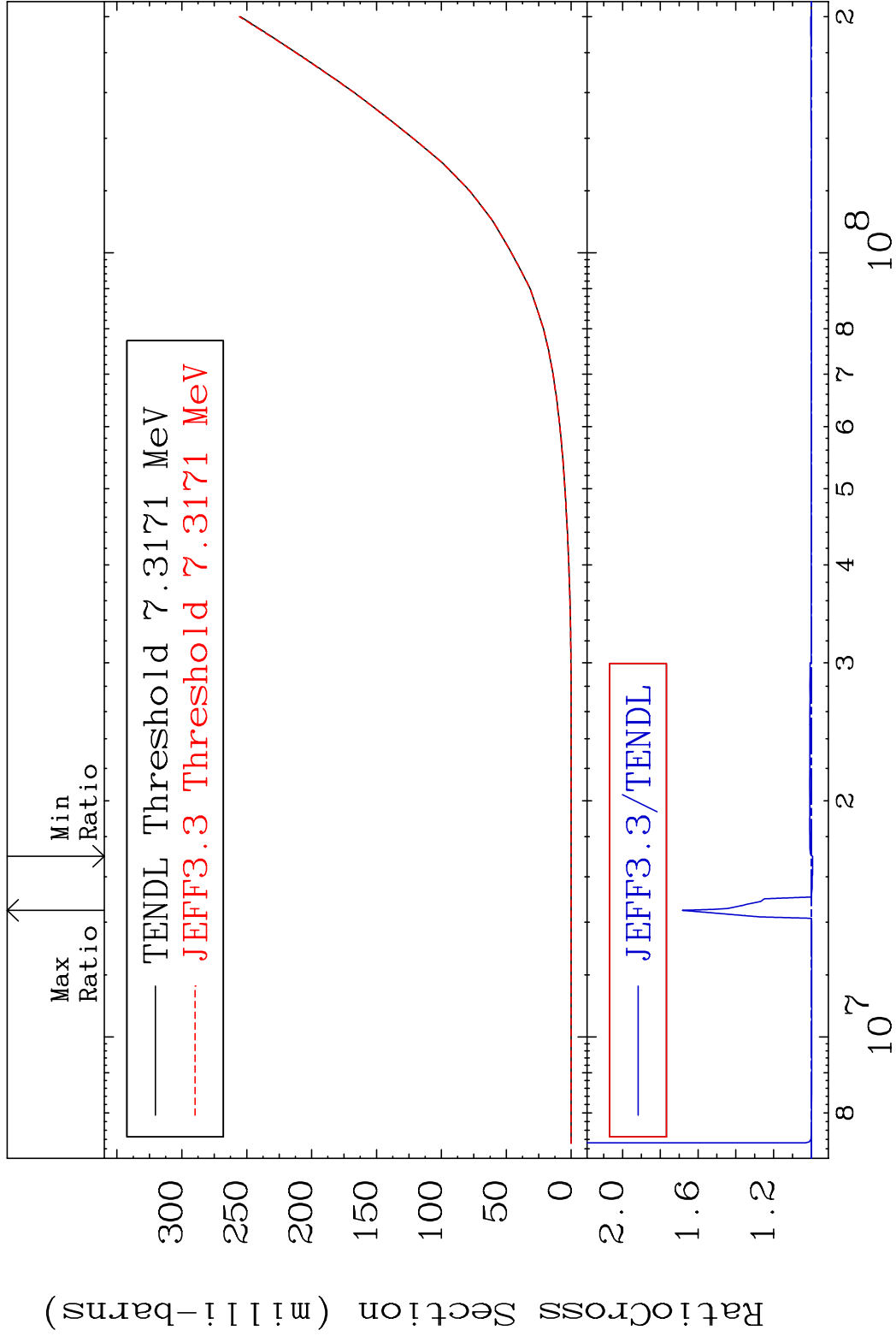
69-Tm-171

MAT 6931

He-3 Production

69-Tm-171

Cross Section -0.650 To 68.31 %



48

Incident Energy (eV)

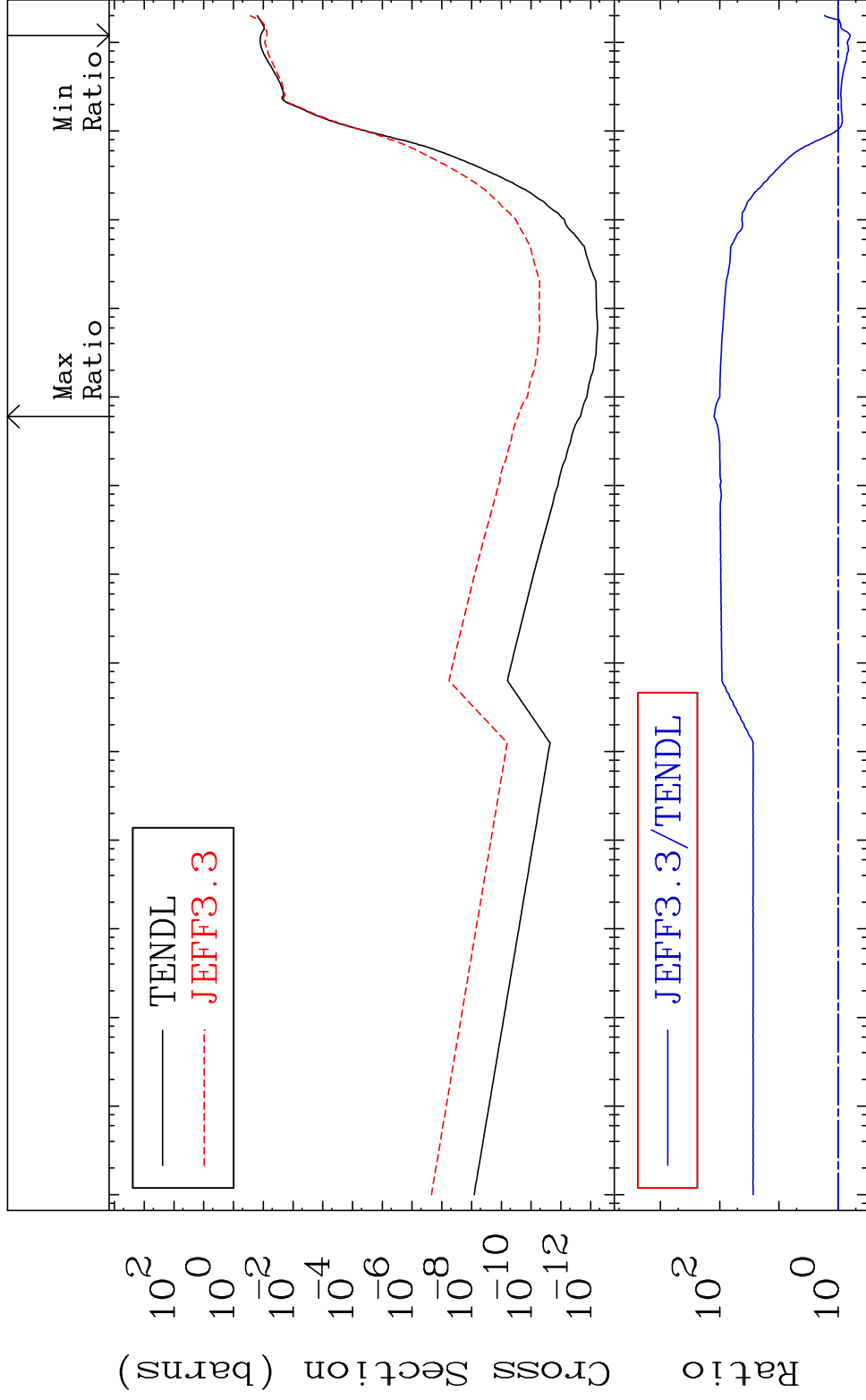
69-Tm-171

MAT 6931

He-4 Production

69-Tm-171

Cross Section -37.72 To 9999. %

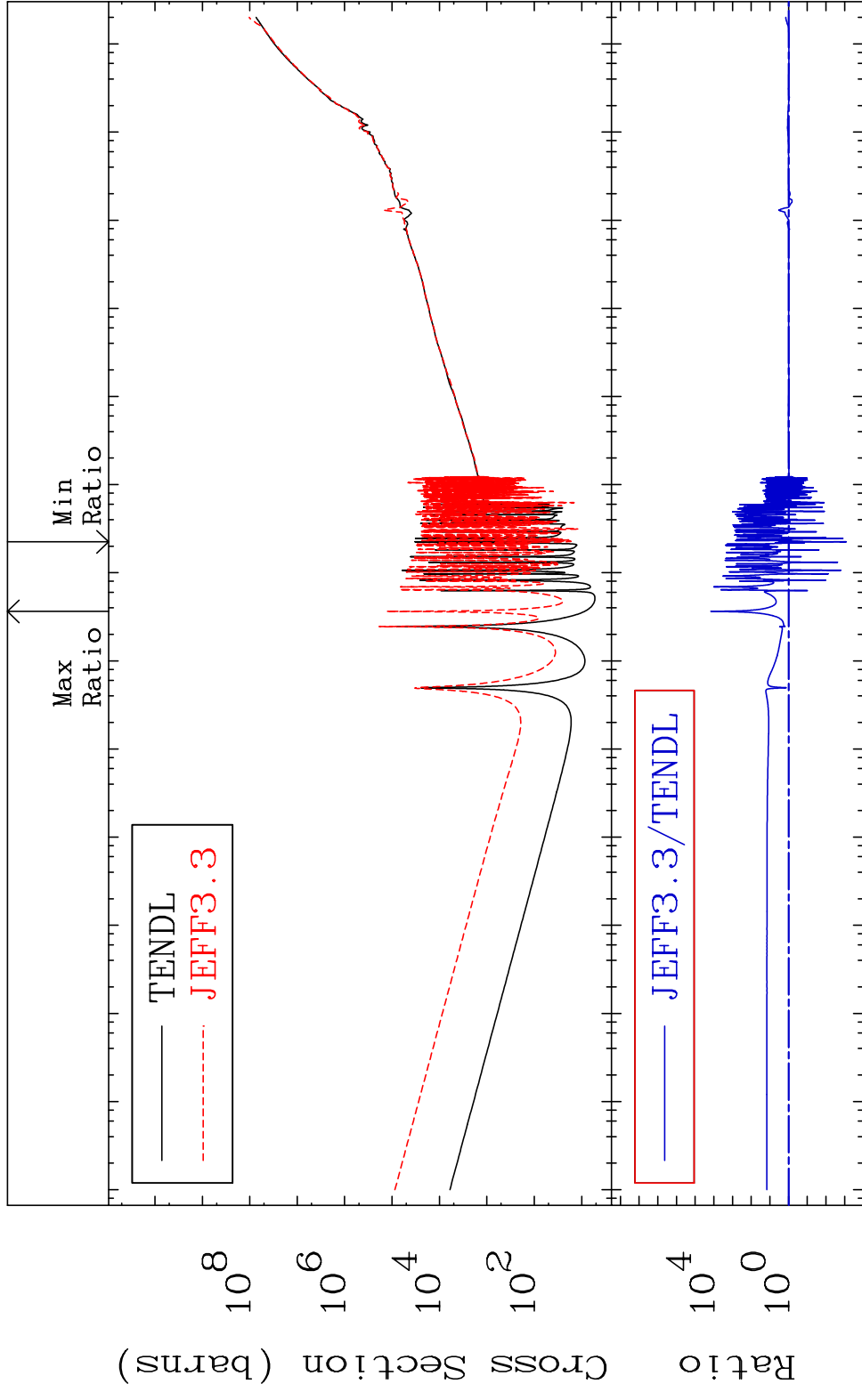


49

Incident Energy (eV)

69-Tm-171

MAT 6931 Kerma total (eV-barns) 69-Tm-171
 Cross Section -99.92 To 9999. %



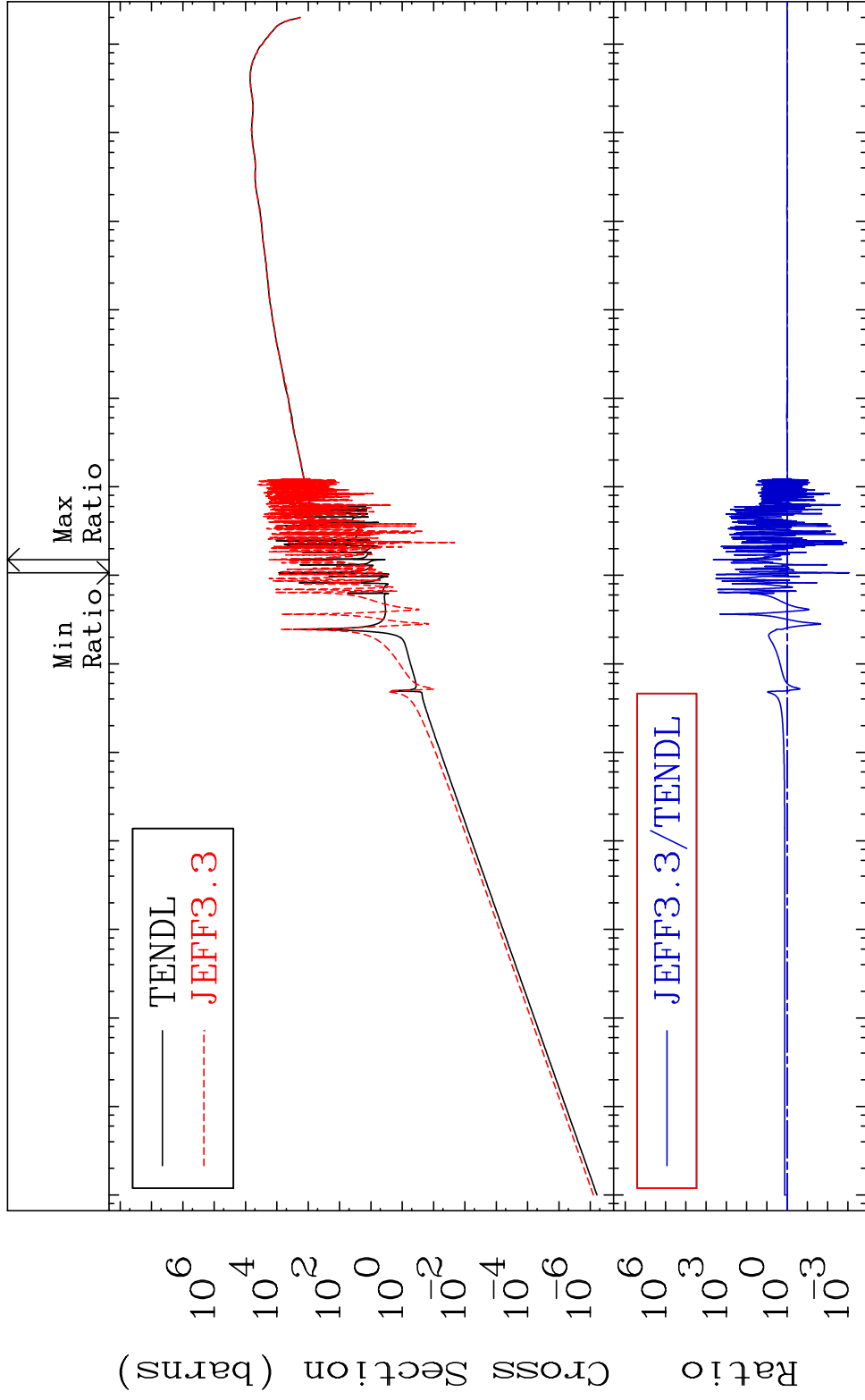
50 Incident Energy (eV) 69-Tm-171

MAT 6931

Kerma elastic

69-Tm-171

Cross Section -99.91 To 9999. %

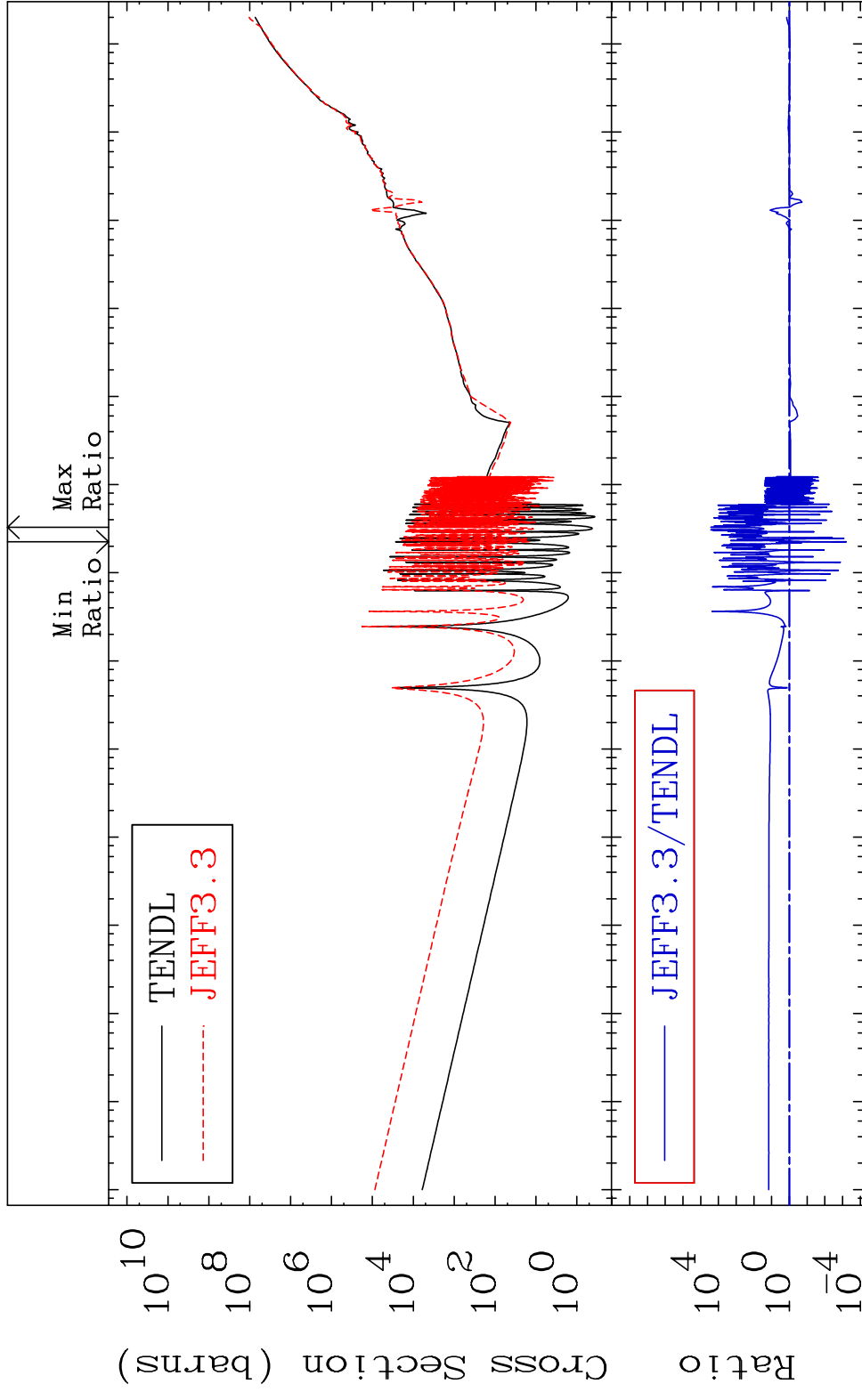


51

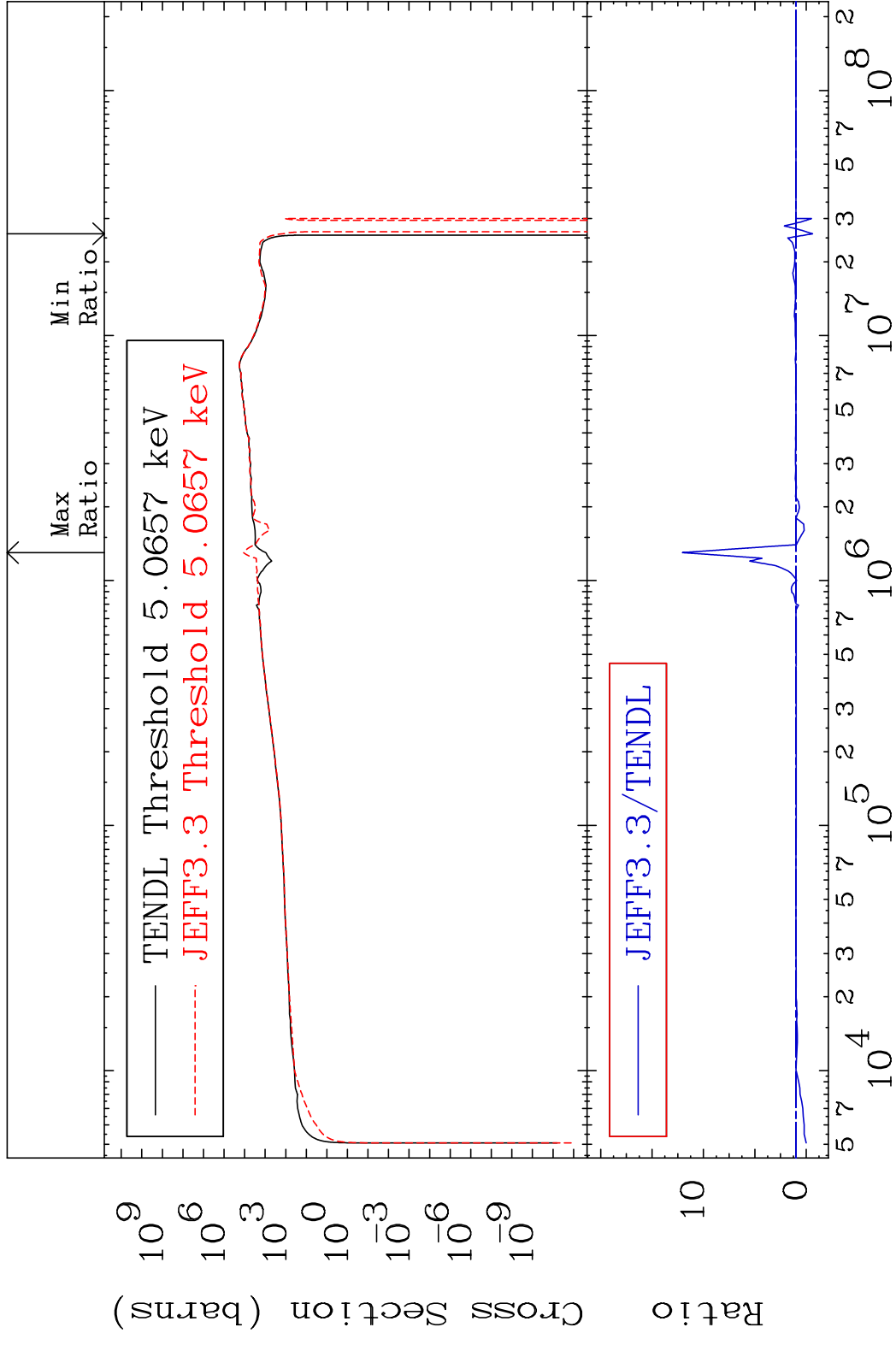
Incident Energy (eV)

69-Tm-171

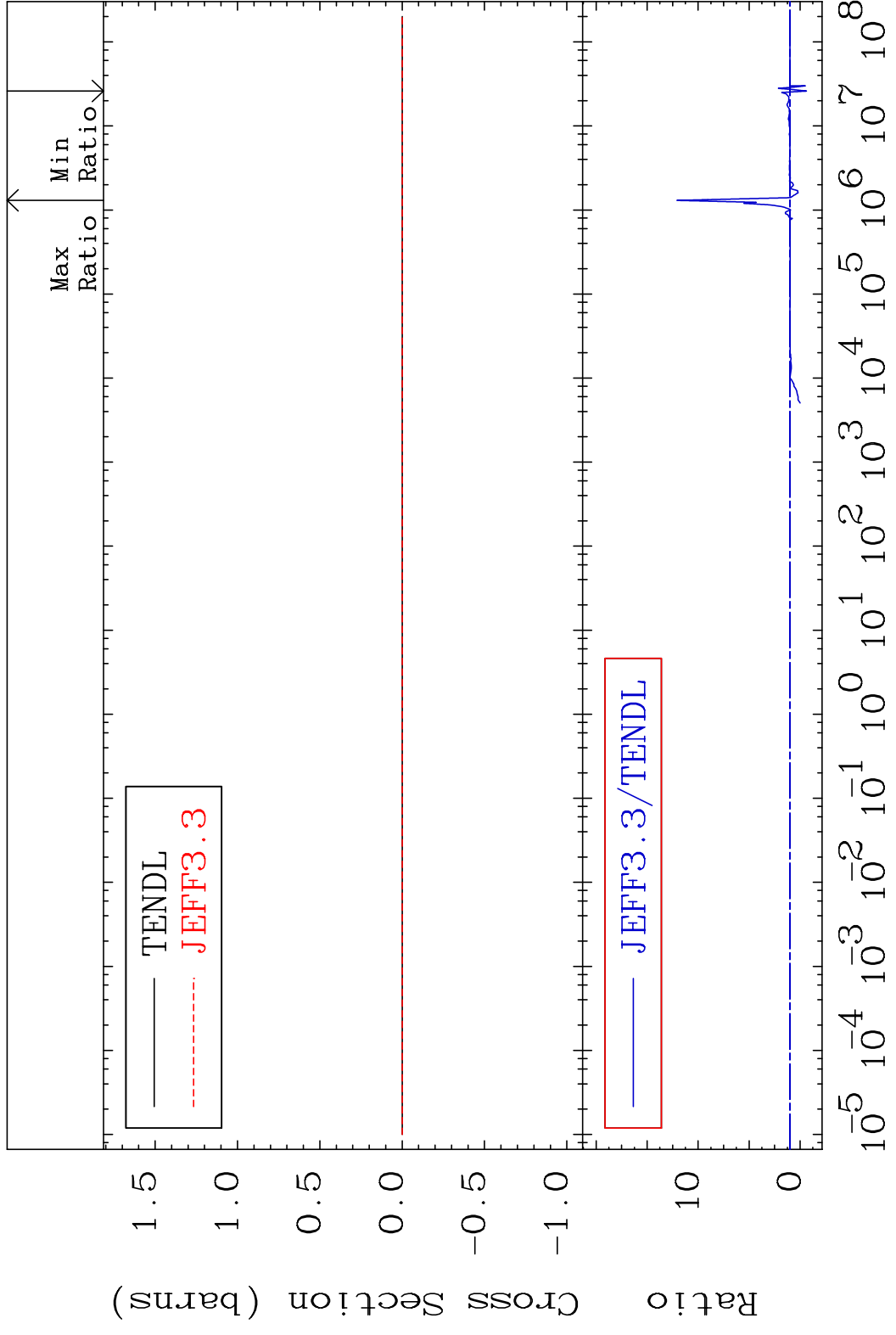
MAT 6931 Kerma non-elastic (all but mt2) 69-Tm-171
 Cross Section -99.94 To 9999. %



52 Incident Energy (eV) 69-Tm-171

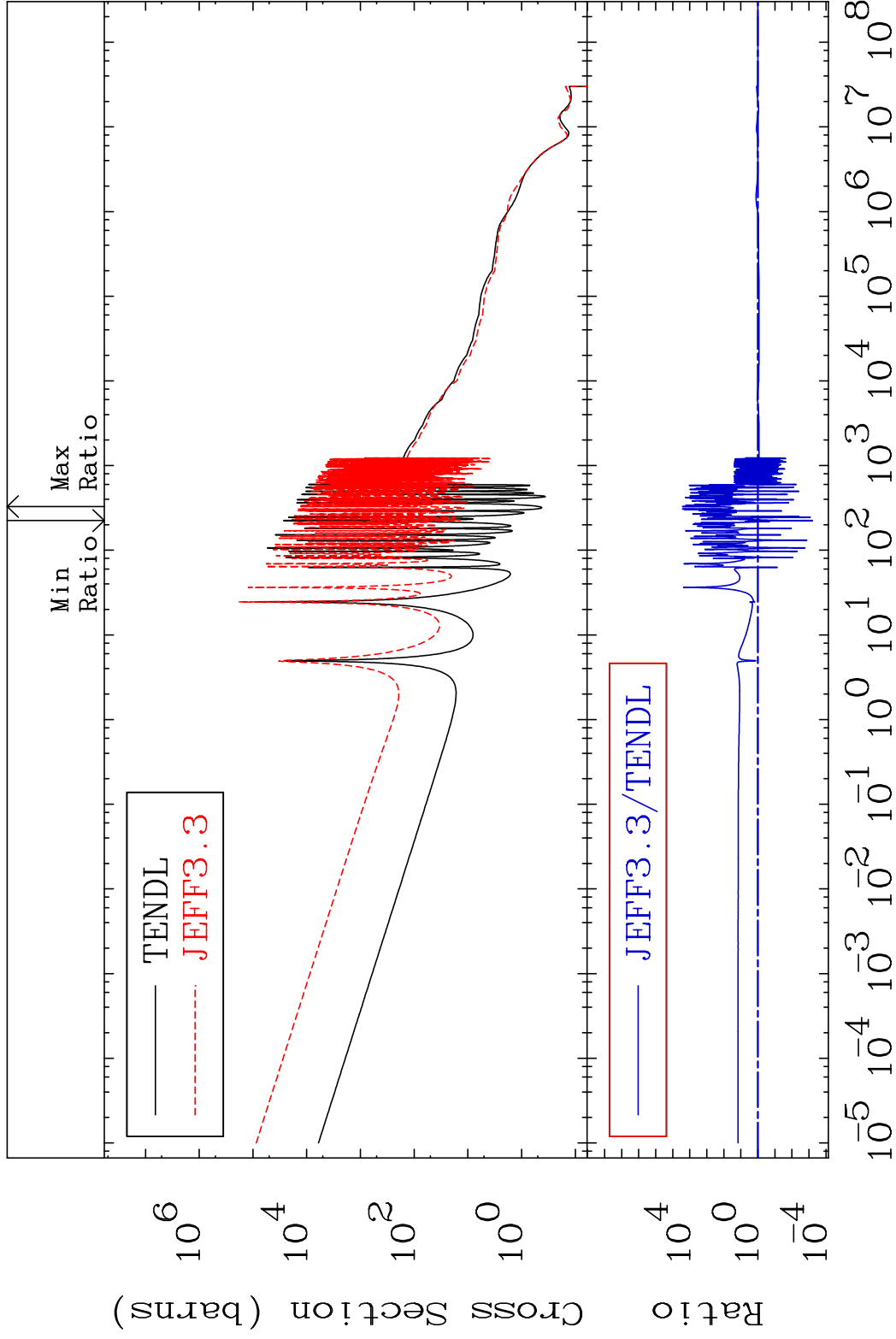


MAT 6931 Kerma fission (mt18 or mt19-20-21-38) 69-Tm-171
 Cross Section -161.8 To 1105. %



MAT 6931

Kerma capture (mt102) 69-Tm-171
Cross Section -99.94 To 9999. %

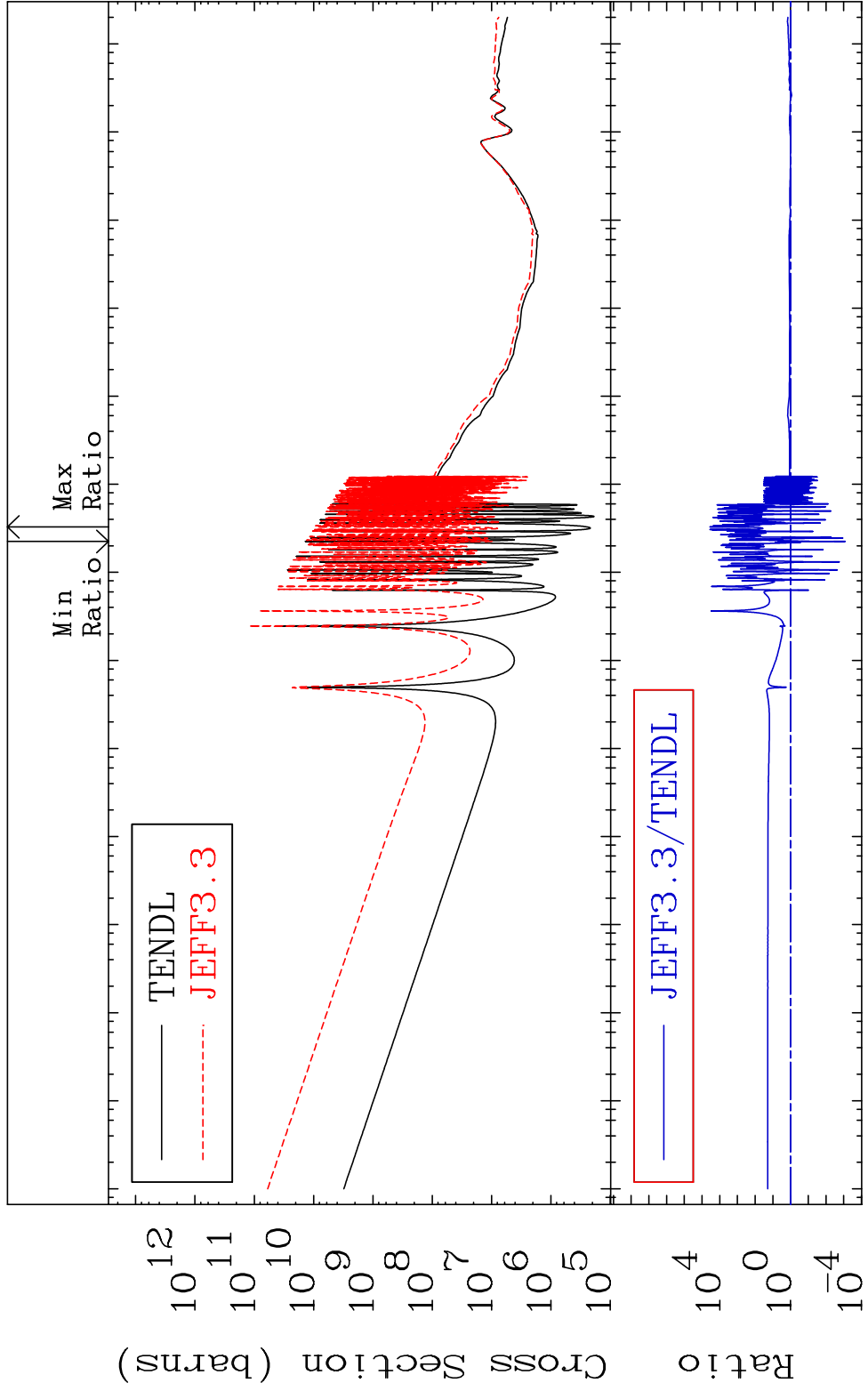


55

Incident Energy (eV)

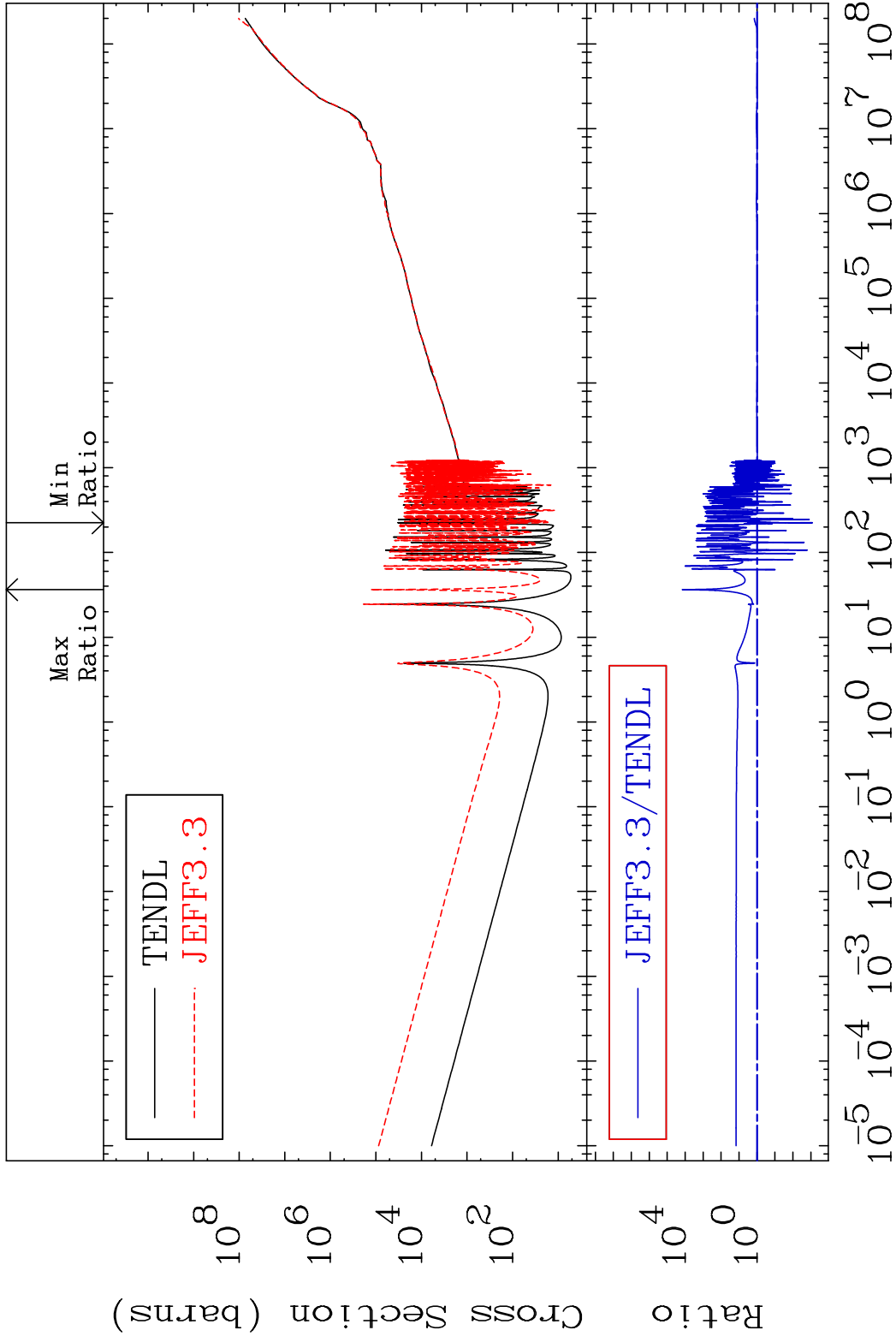
69-Tm-171

MAT 6931 Total photon (eV-barns) 69-Tm-171
 Cross Section -99.92 To 9999. %

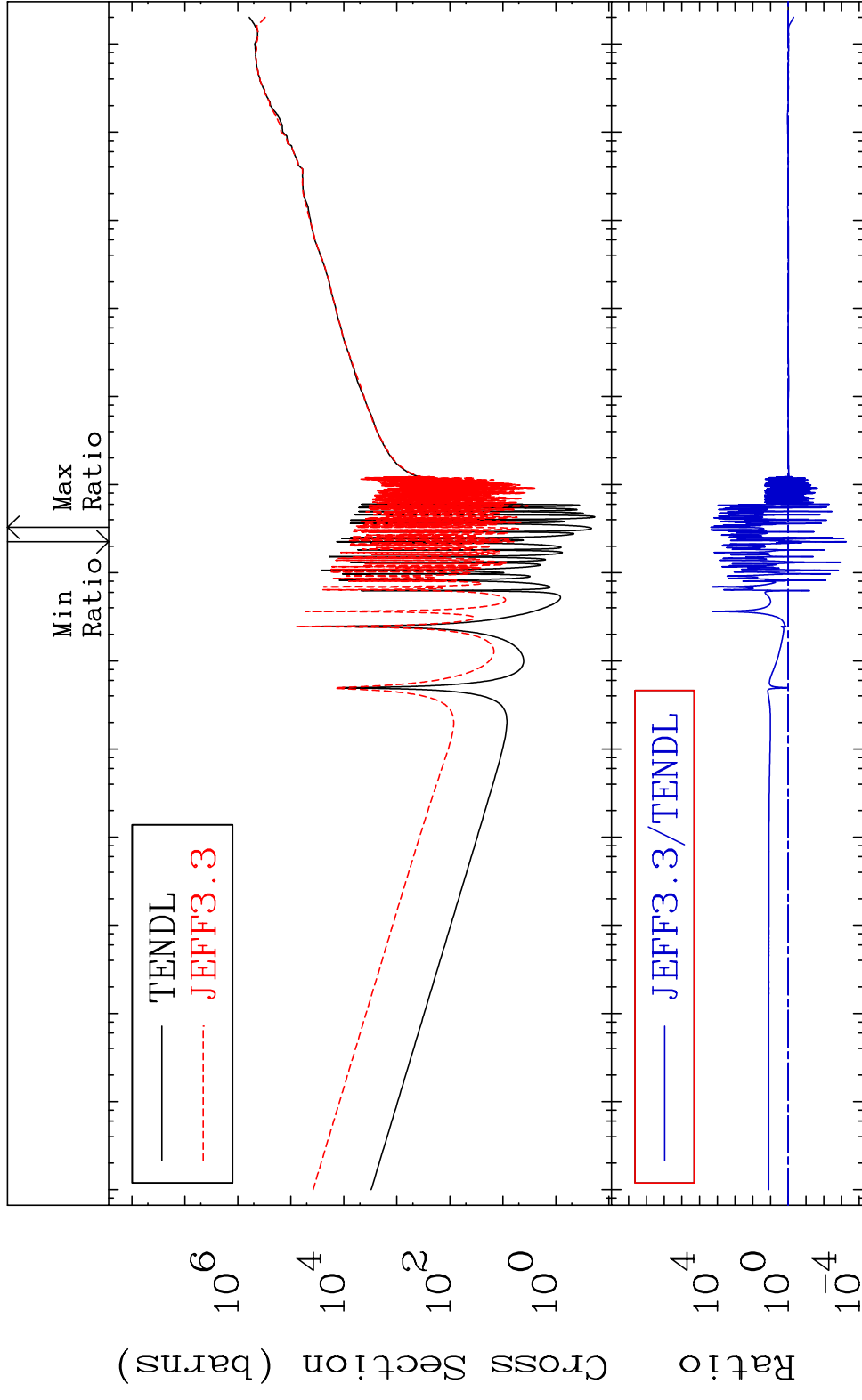


56 Incident Energy (eV) 69-Tm-171

MAT 6931 Total kinematic kerma (high limit) 69-Tm-171
 Cross Section -99.92 To 9999. %



MAT 6931 Dpa total (eV-barns) 69-Tm-171
 Cross Section -99.95 To 9999. %

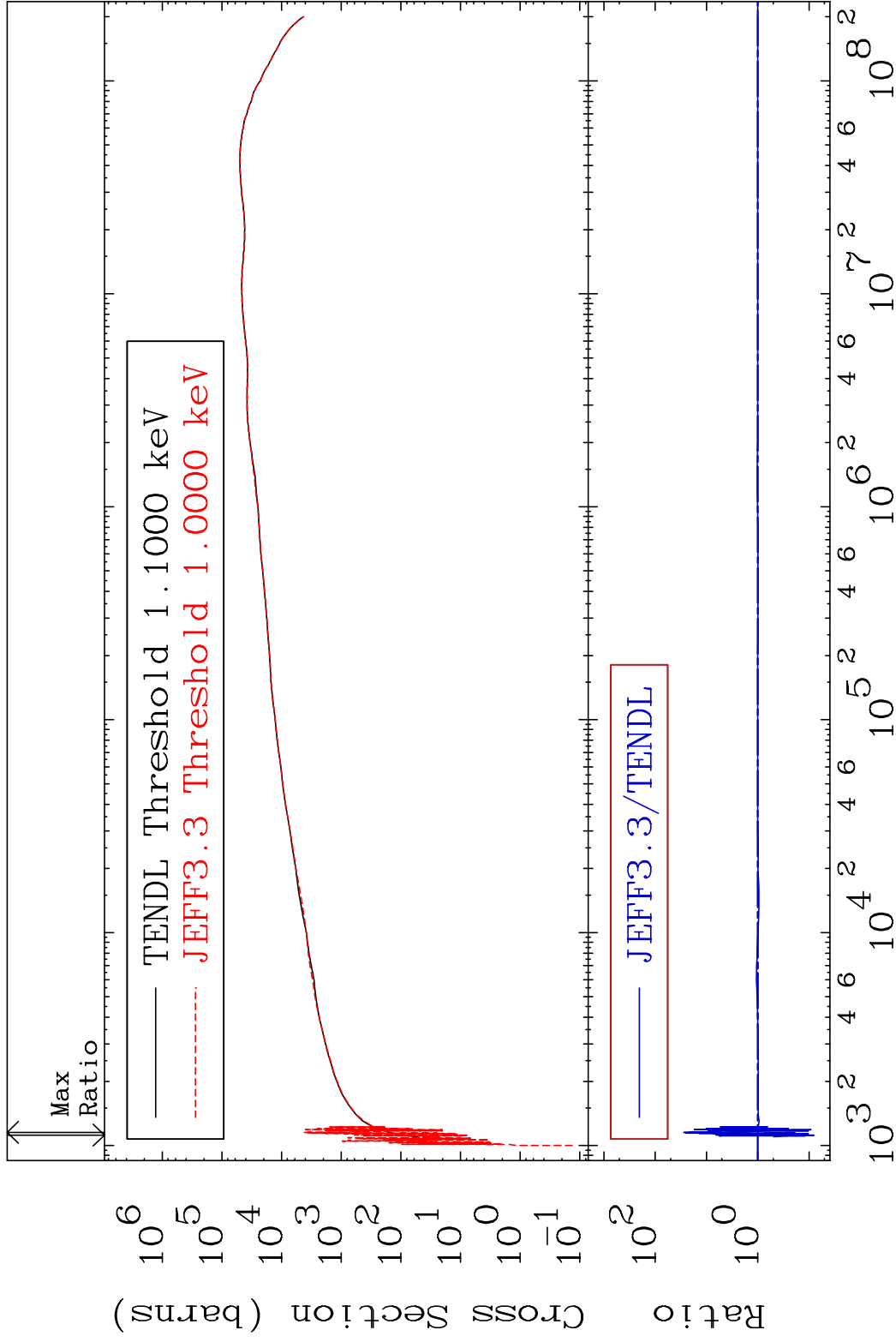


MAT 6931

Dpa elastic (mt2)

69-Tm-171

Cross Section -92.03 To 2685. %



59

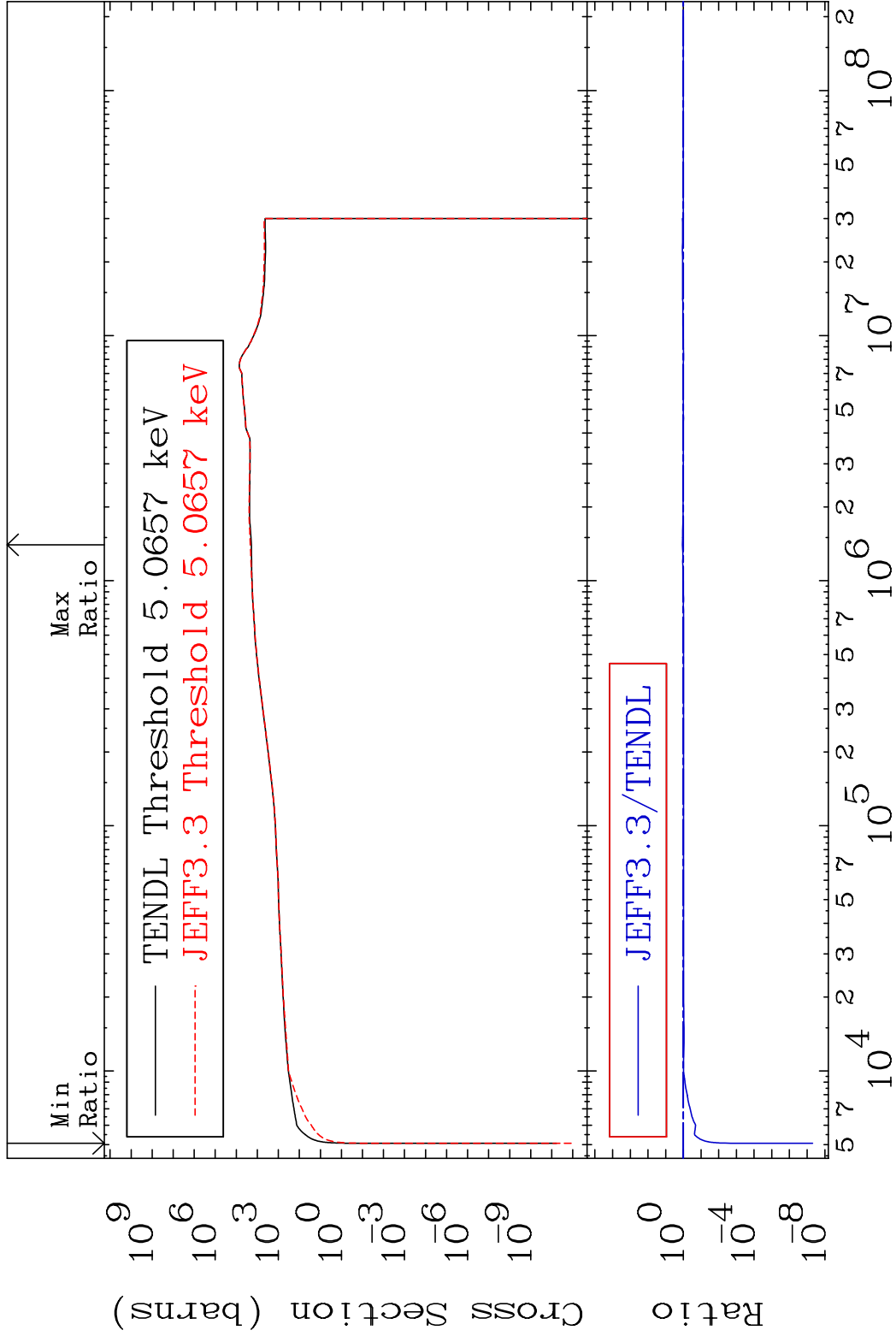
Incident Energy (eV)

69-Tm-171

MAT 6931

Dpa inelastic (mt51-91) 69-Tm-171

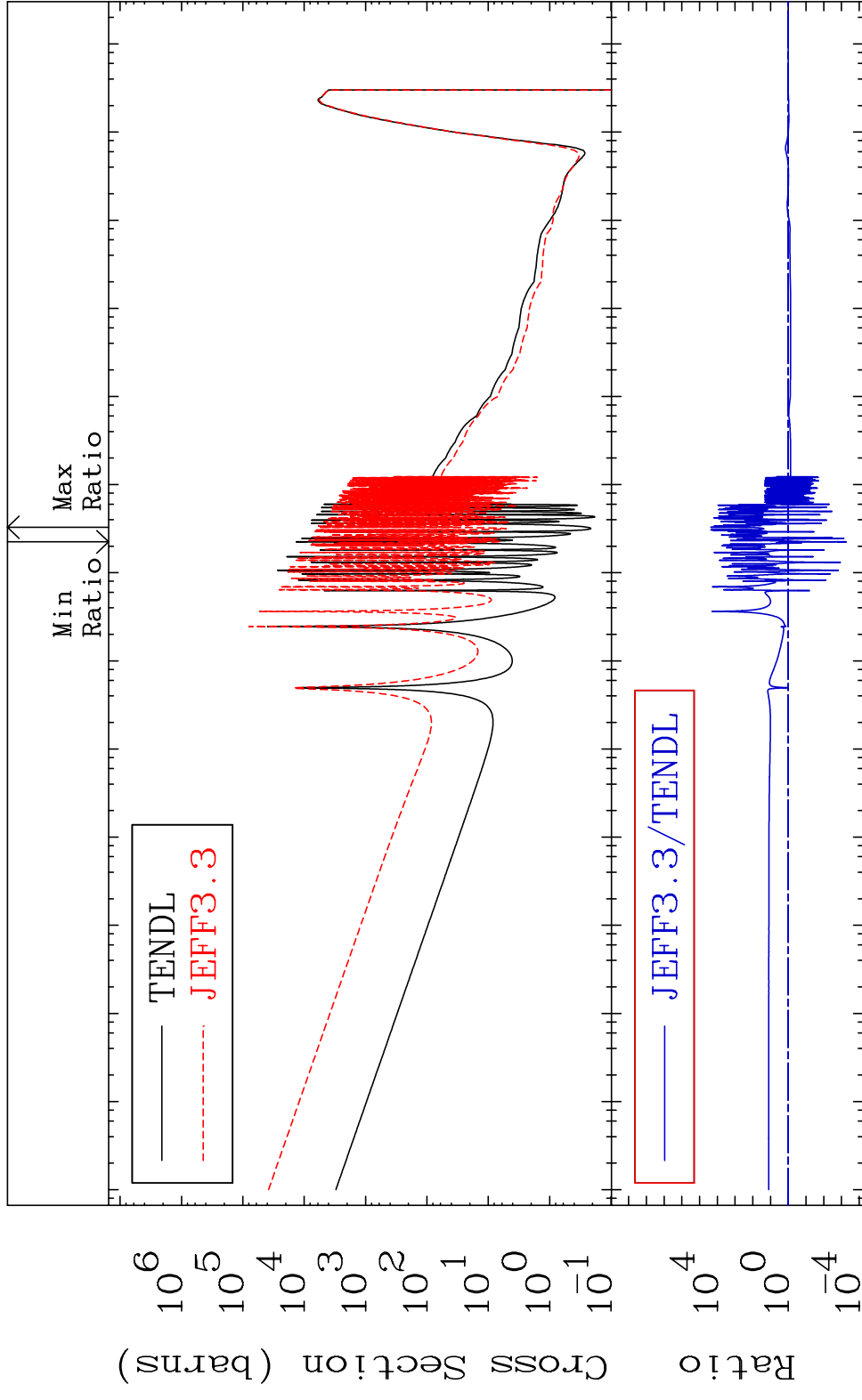
Cross Section -100.0 To 13.82 %



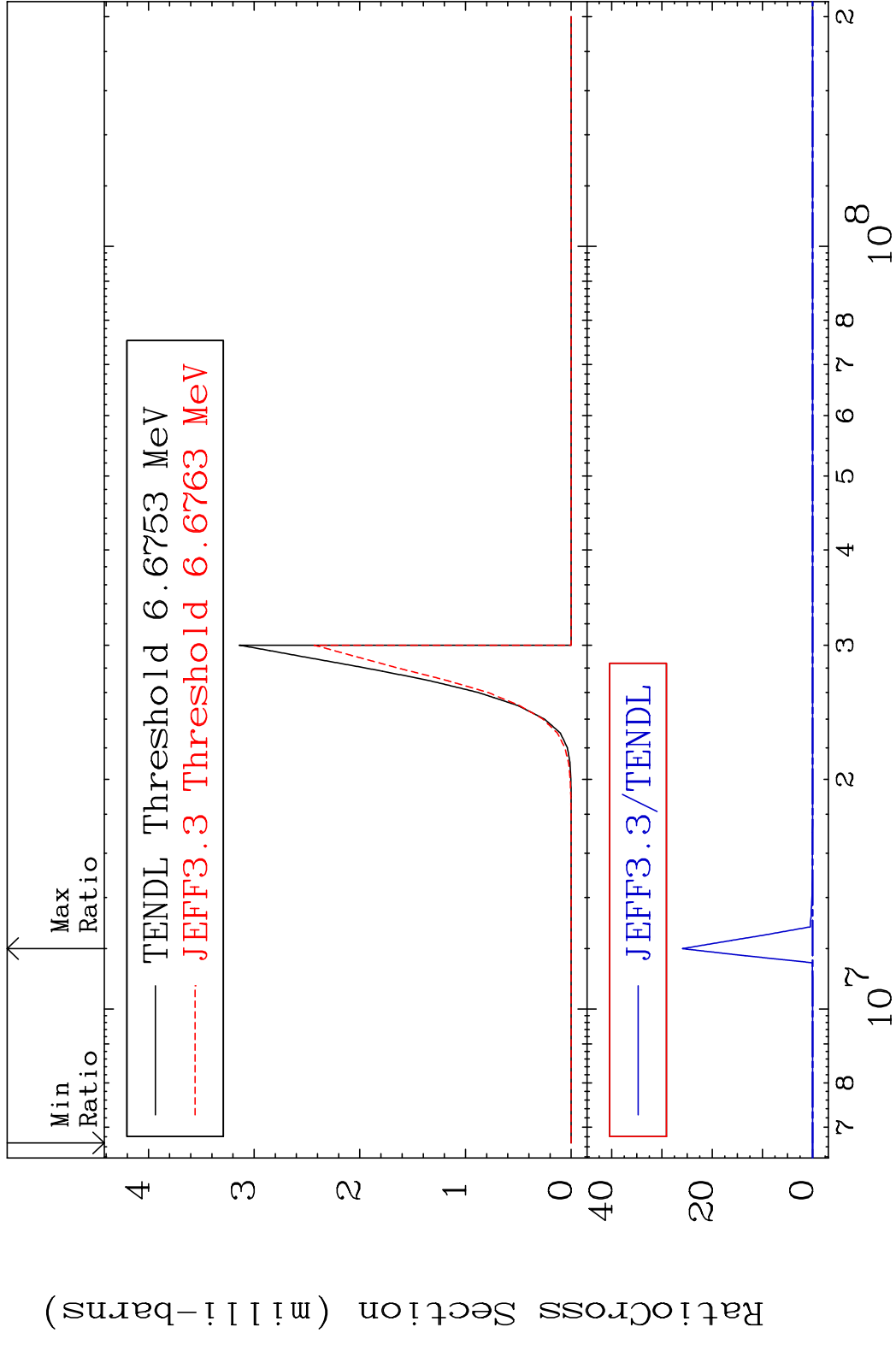
60

Incident Energy (eV) 69-Tm-171

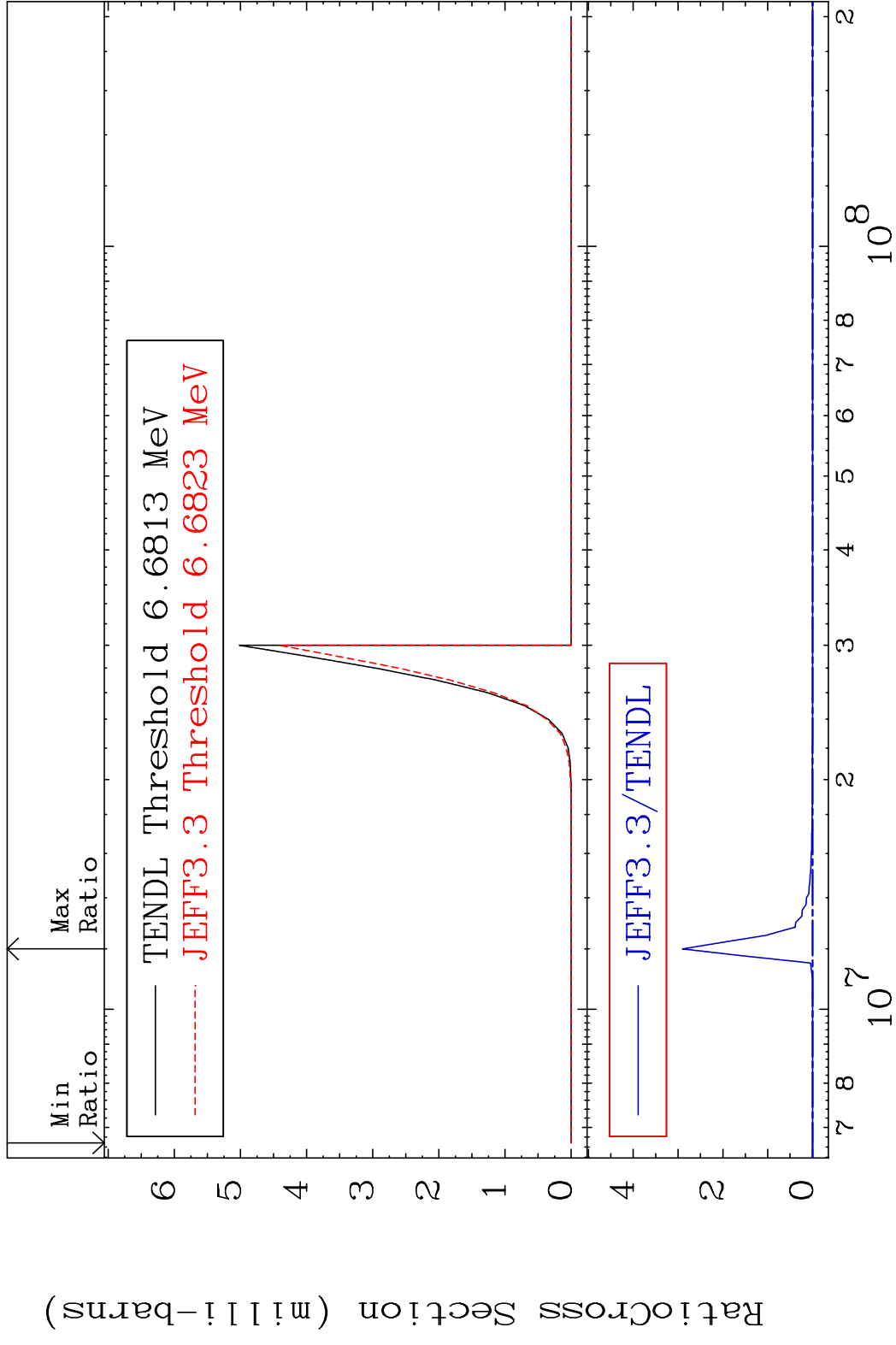
MAT 6931 Dpa disappearance (mt102 -120) 69-Tm-171
 Cross Section -99.95 To 9999. %

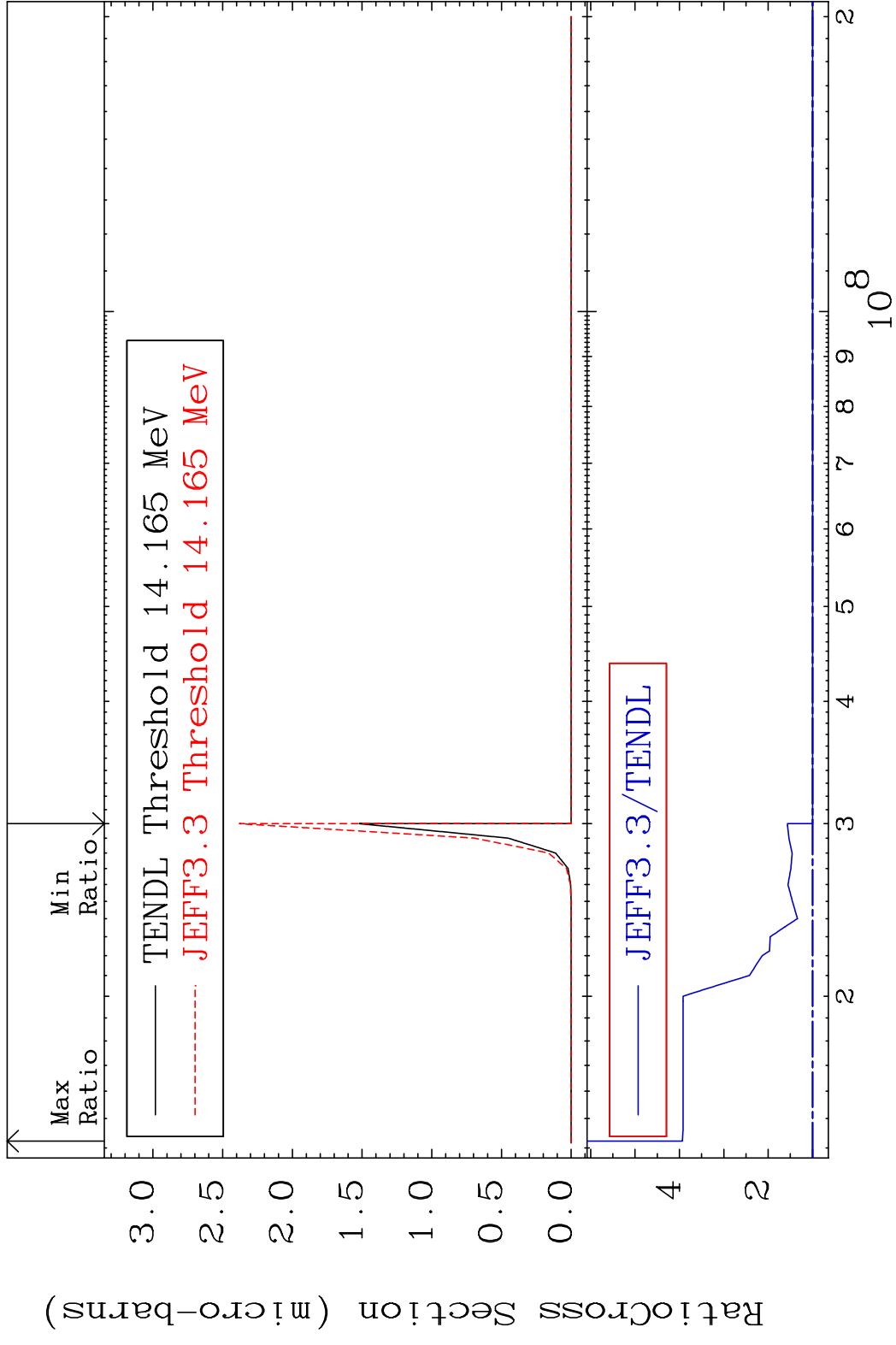


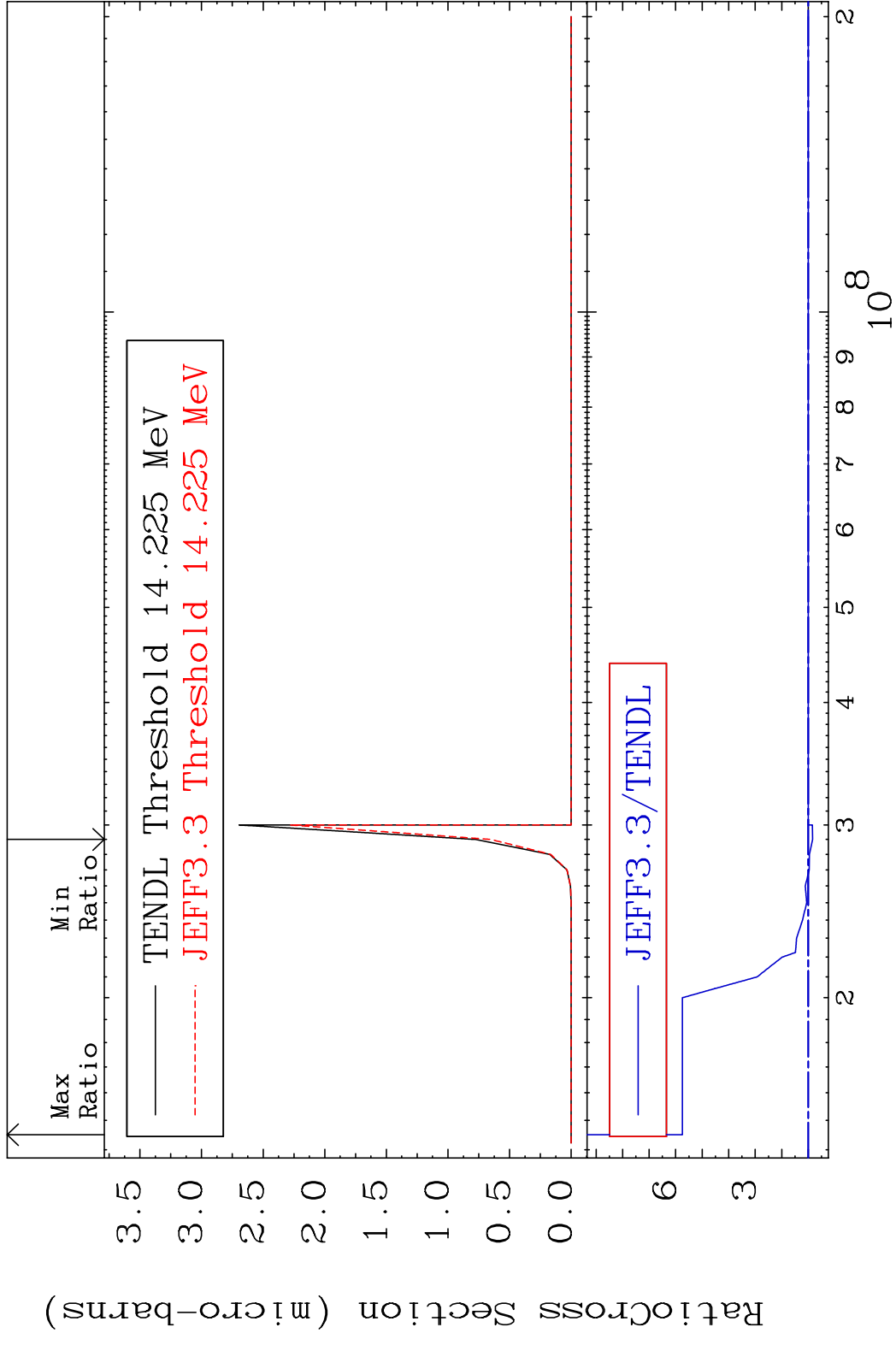
61 Incident Energy (eV) 69-Tm-171

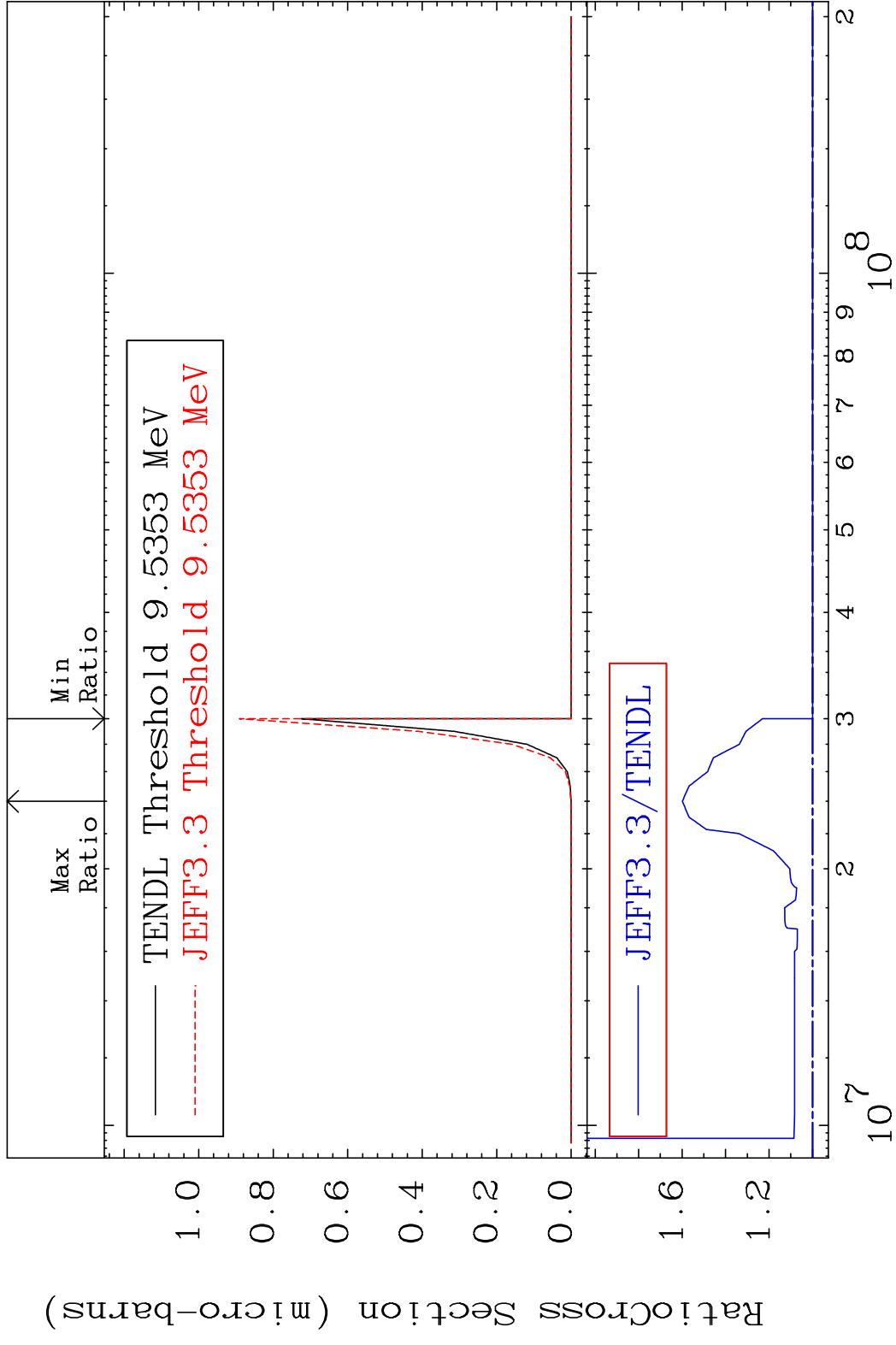


MAT 6931 (n,2n) α :67-Ho-166m1 69-Tm-171
 Radionuclide Production Cross Section 1000 dth 9999. %

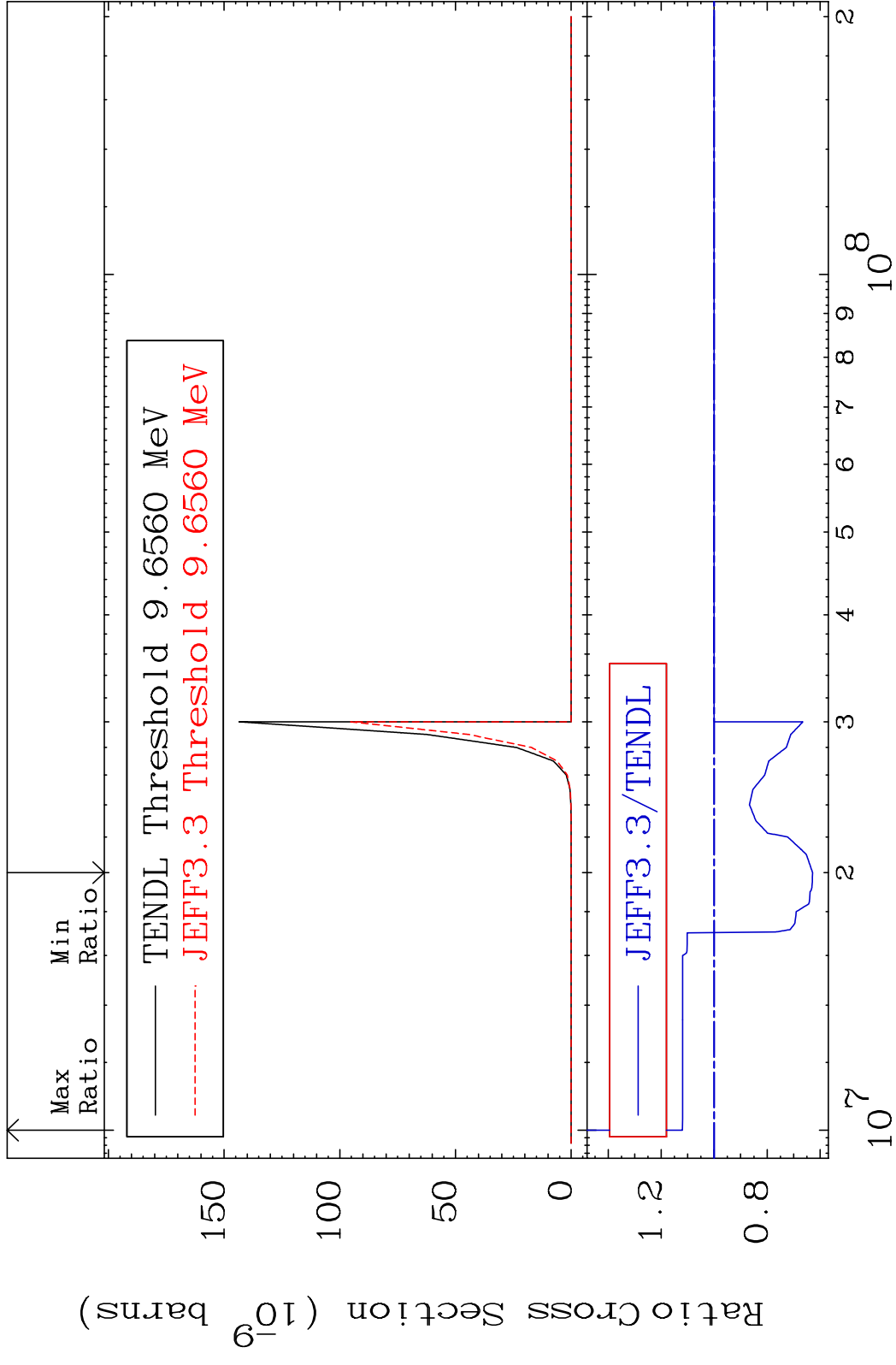








MAT 6931 (n, 2p): 67-Ho-170m1 69-Tm-171
 Radionuclide Production Cross Section 12.02 %



67 Incident Energy (eV) 69-Tm-171