

Program Complot
(Version 2021-1)

by

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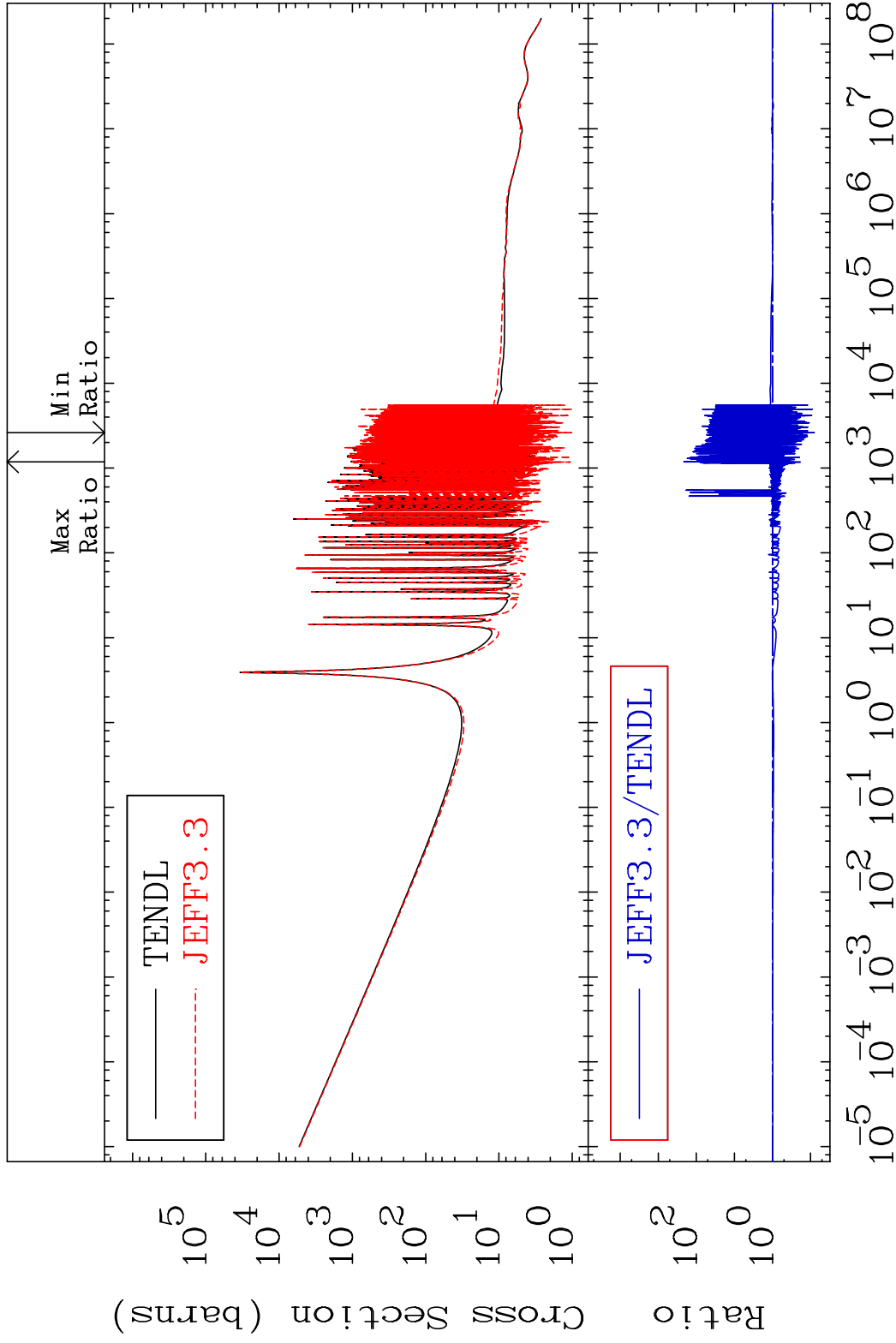
Press Mouse Button to Start

MAT 6925

Total

69-Tm-169

Cross Section -91.95 To 9999. %



1

Incident Energy (eV)

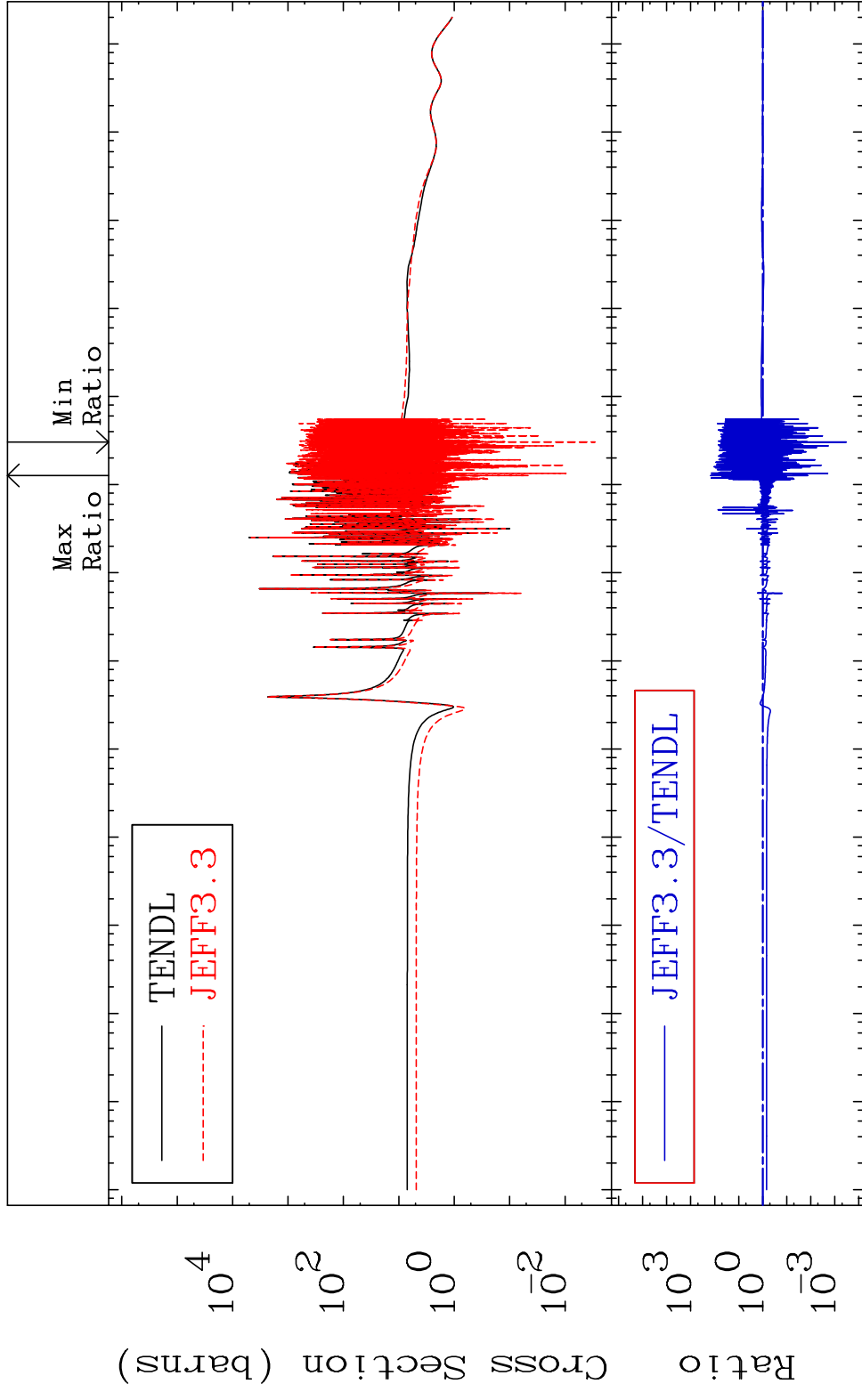
69-Tm-169

MAT 6925

69-Tm-169

Elastic

Cross Section -99.97 To 9999. %



2

Incident Energy (eV)

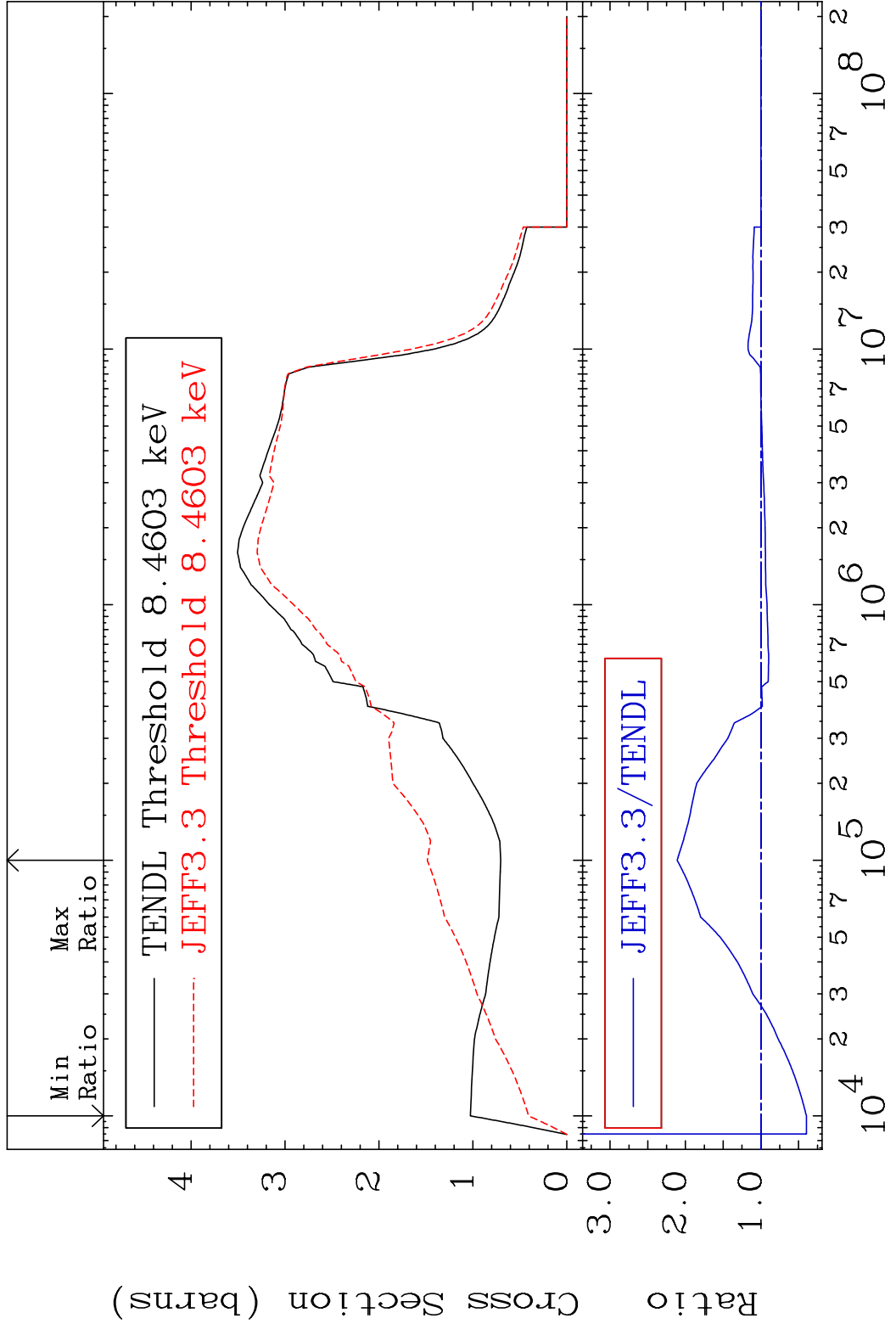
69-Tm-169

MAT 6925

Inelastic

69-Tm-169

Cross Section -60.34 To 111.0 %



3

Incident Energy (eV)

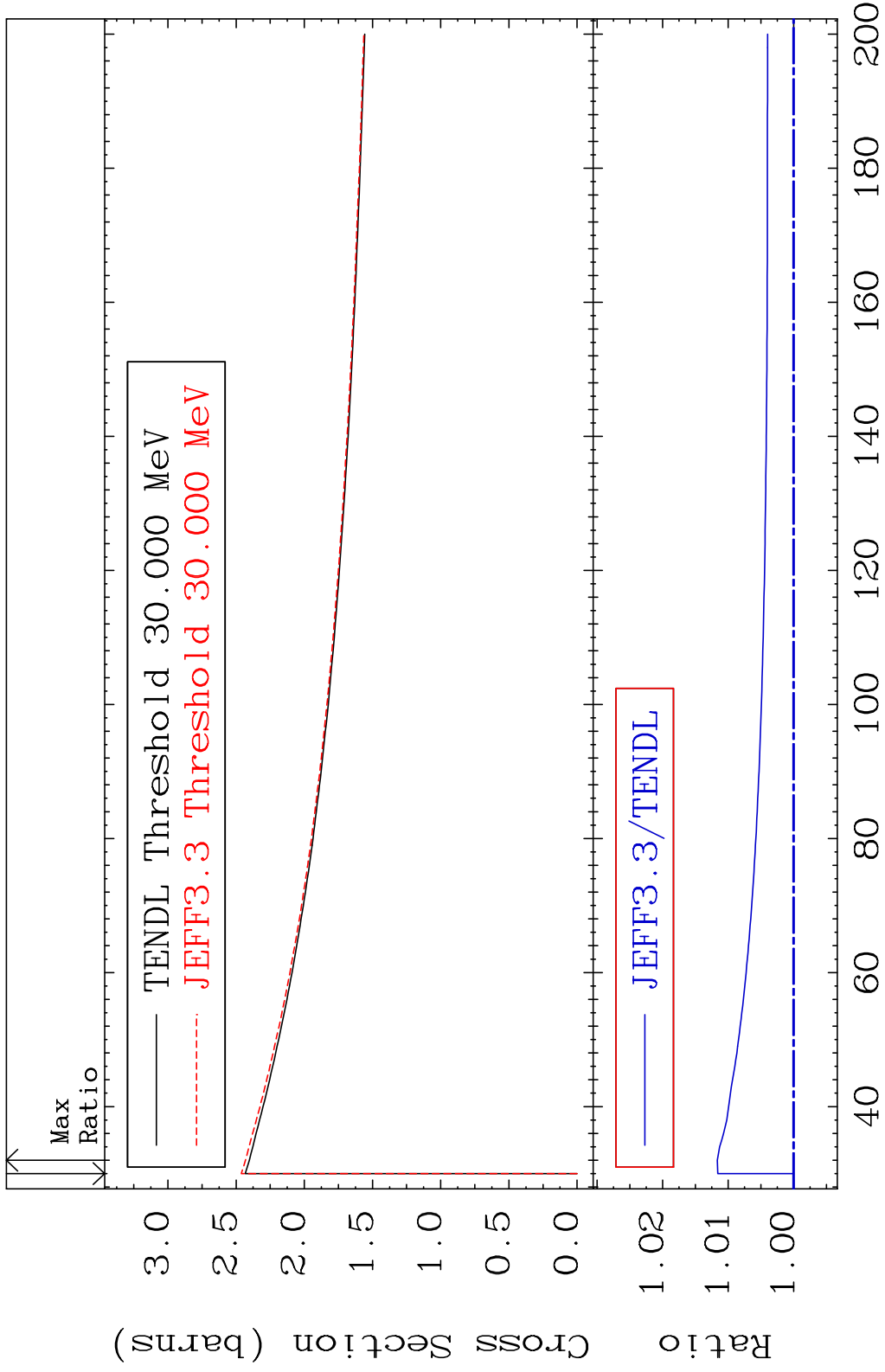
69-Tm-169

MAT 6925

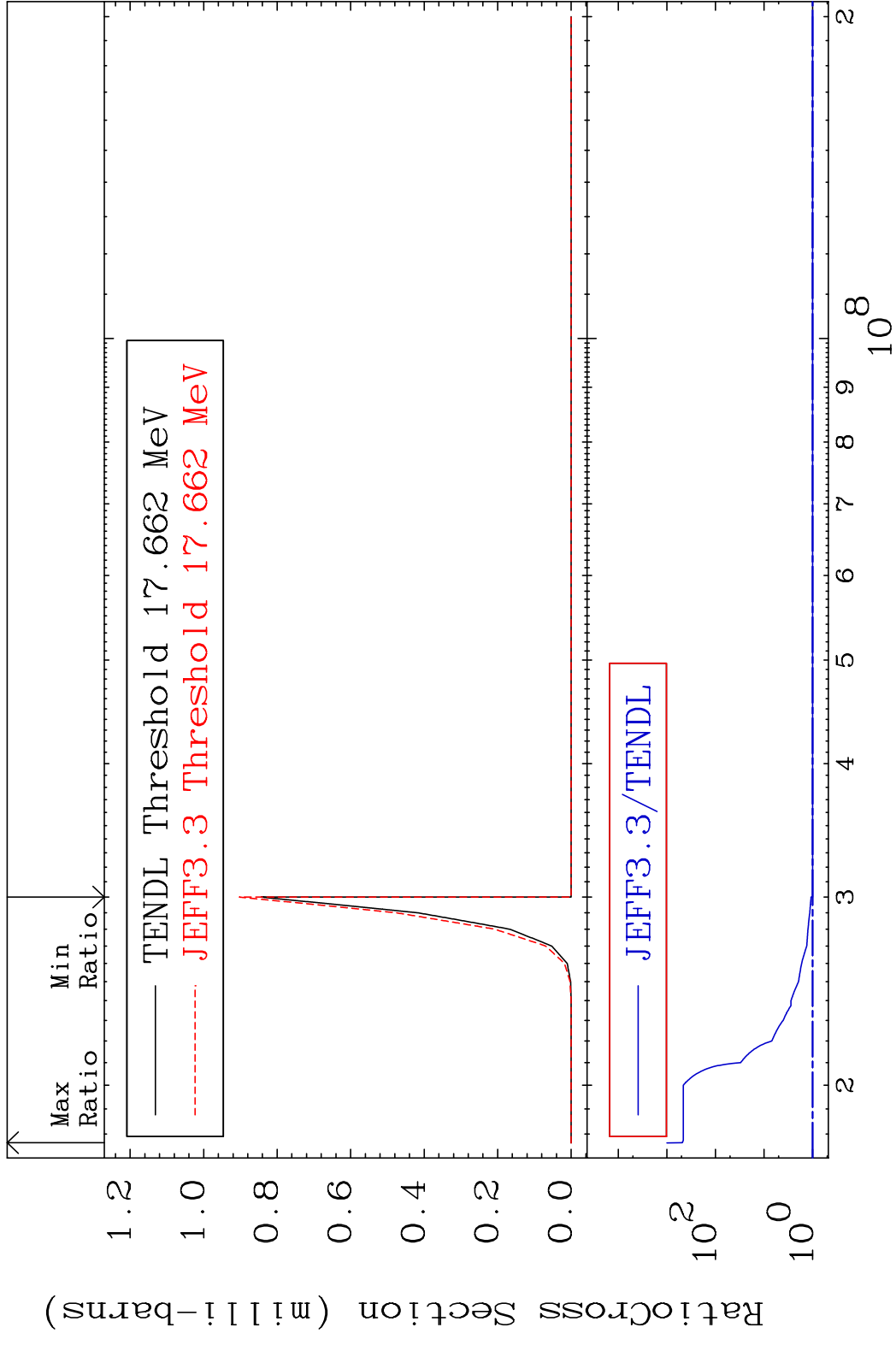
(n, remainder)

69-Tm-169

Cross Section 0.000 To 1.165 %



MAT 6925 (n,2n) d 69-Tm-169
 Cross Section 0.000 To 9999. %

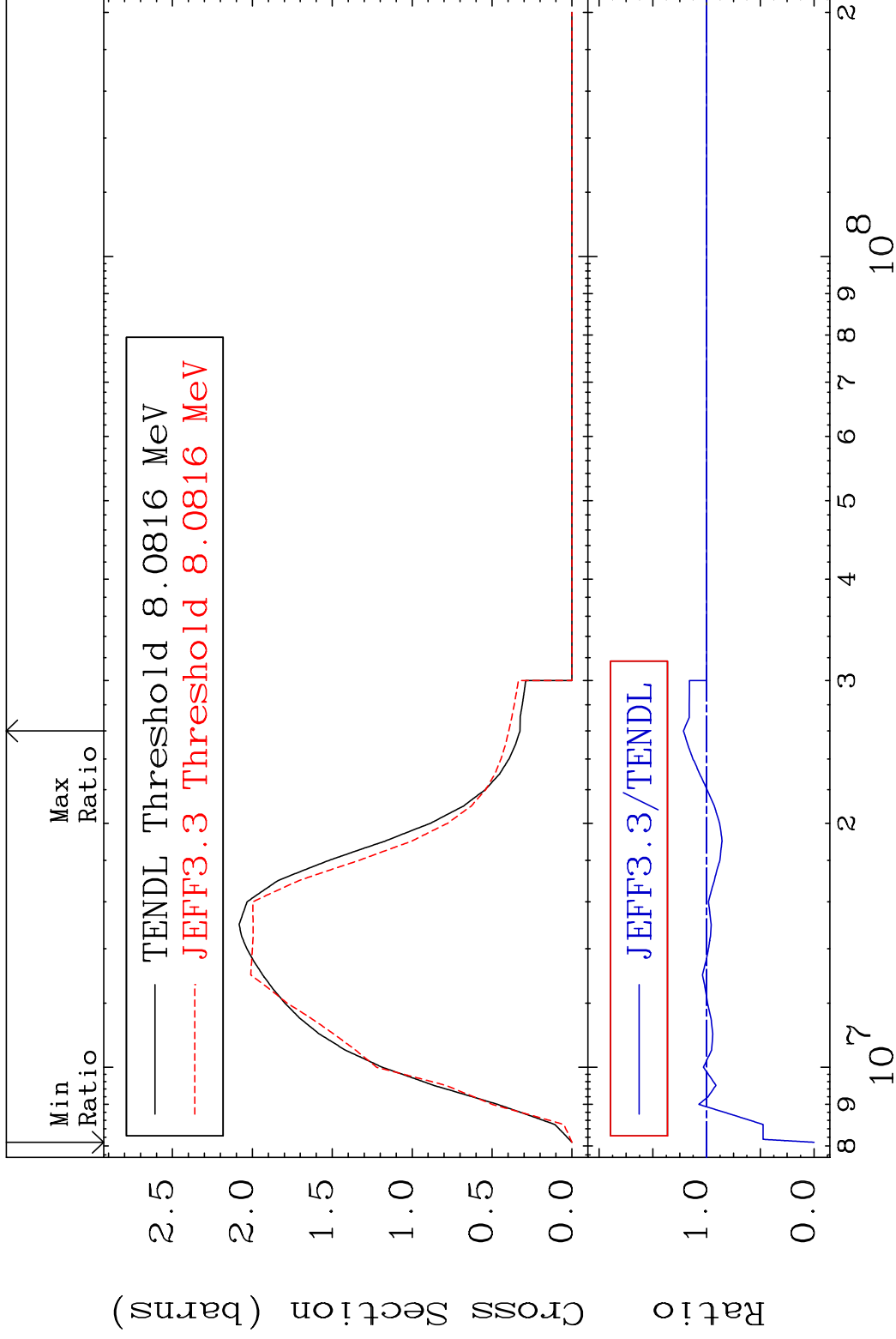


MAT 6925

(n,2n)

69-Tm-169

Cross Section -100.0 To 21.57 %

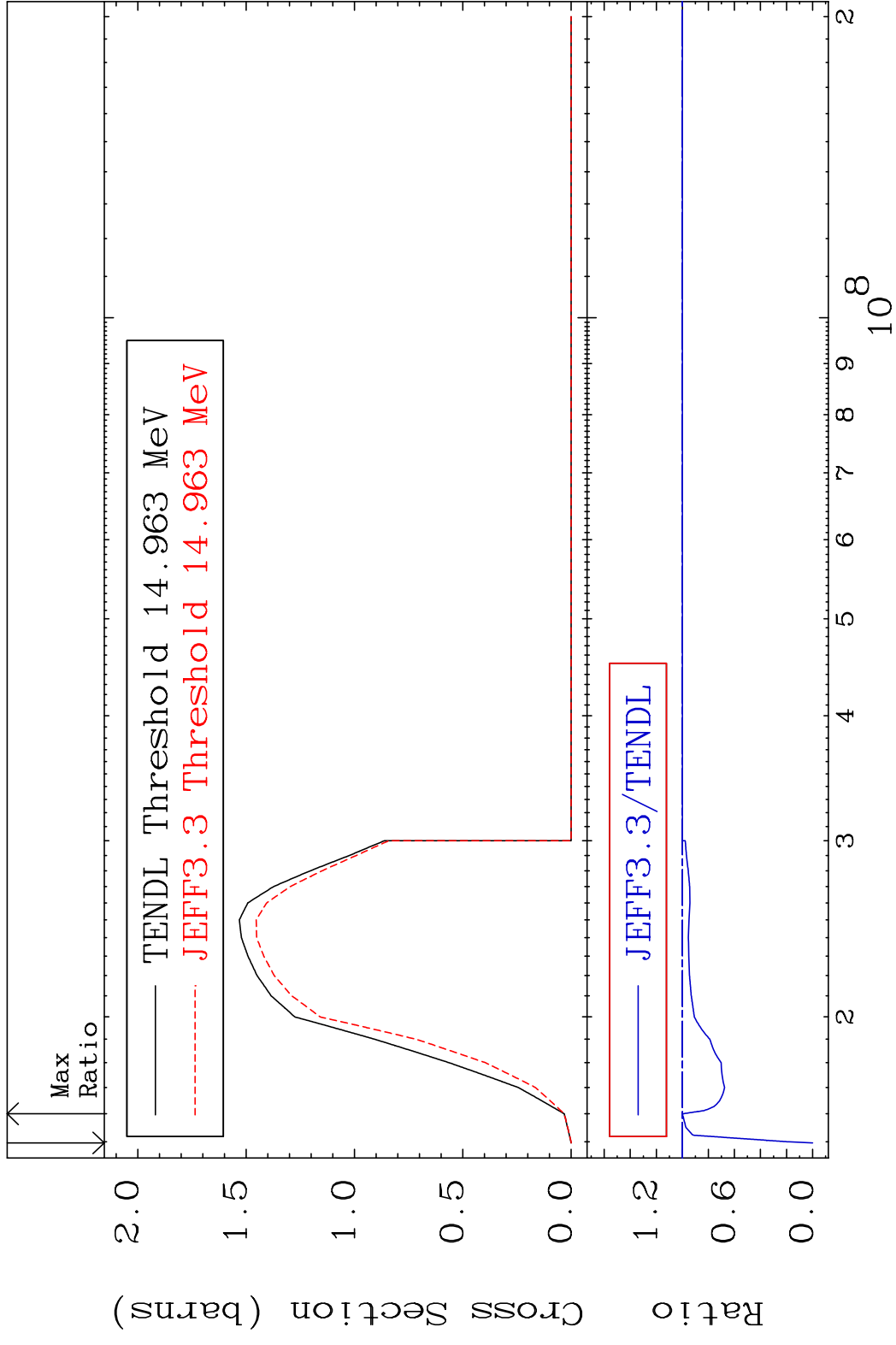


6

Incident Energy (eV)

69-Tm-169

MAT 6925 (n,3n) 69-Tm-169
 Cross Section -100.0 To 0.000 %

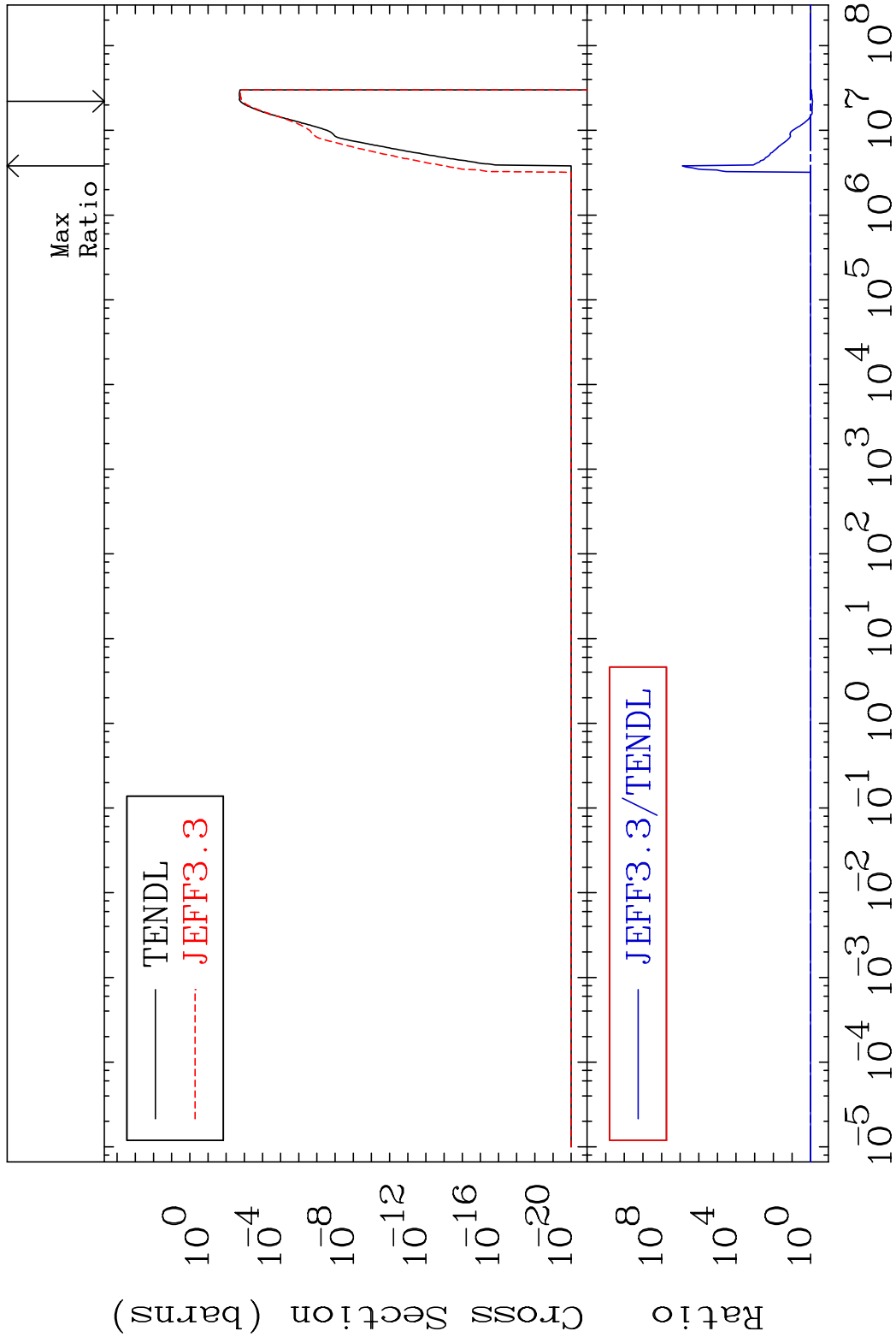


MAT 6925

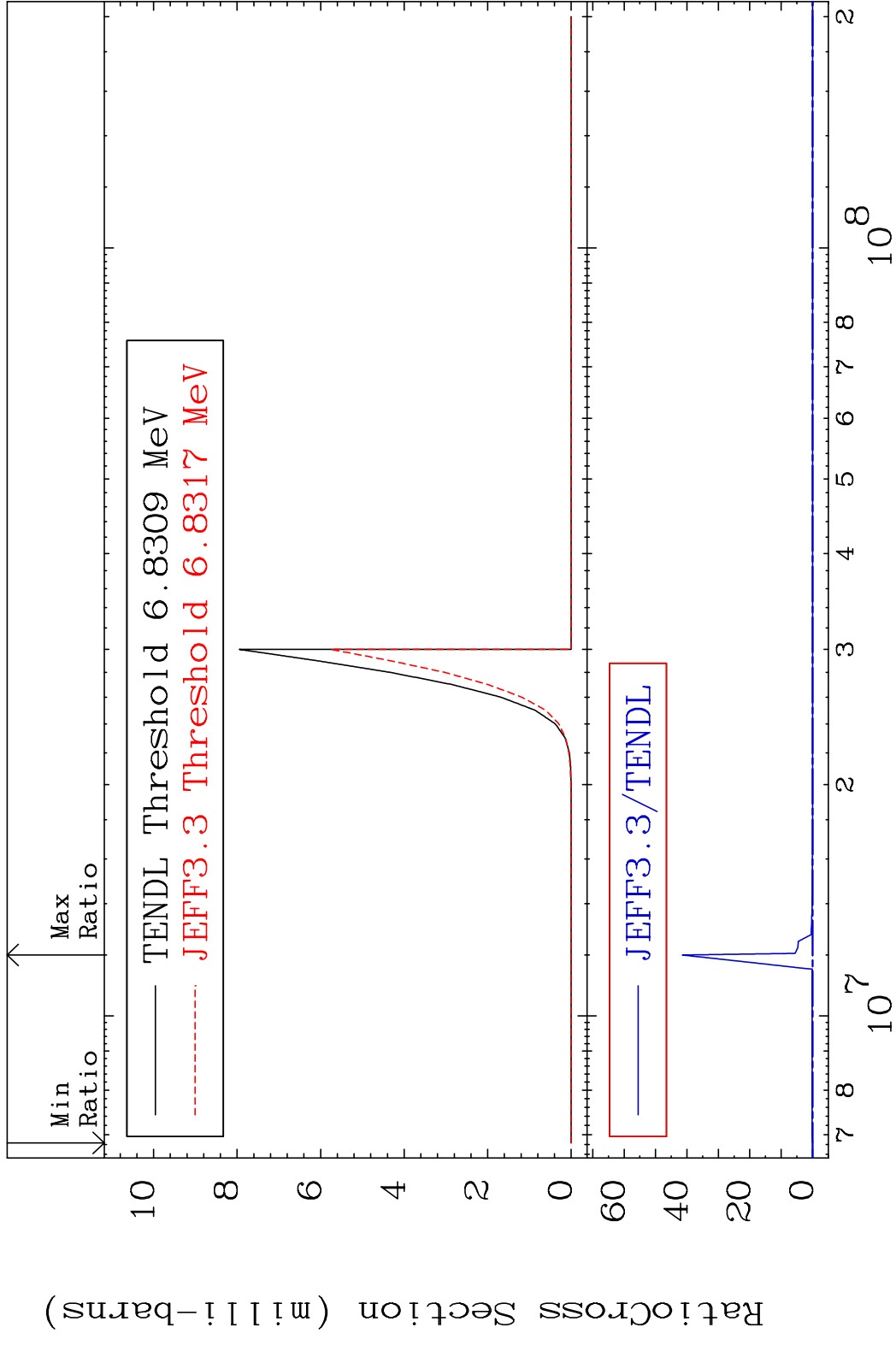
(n, n') α

69-Tm-169

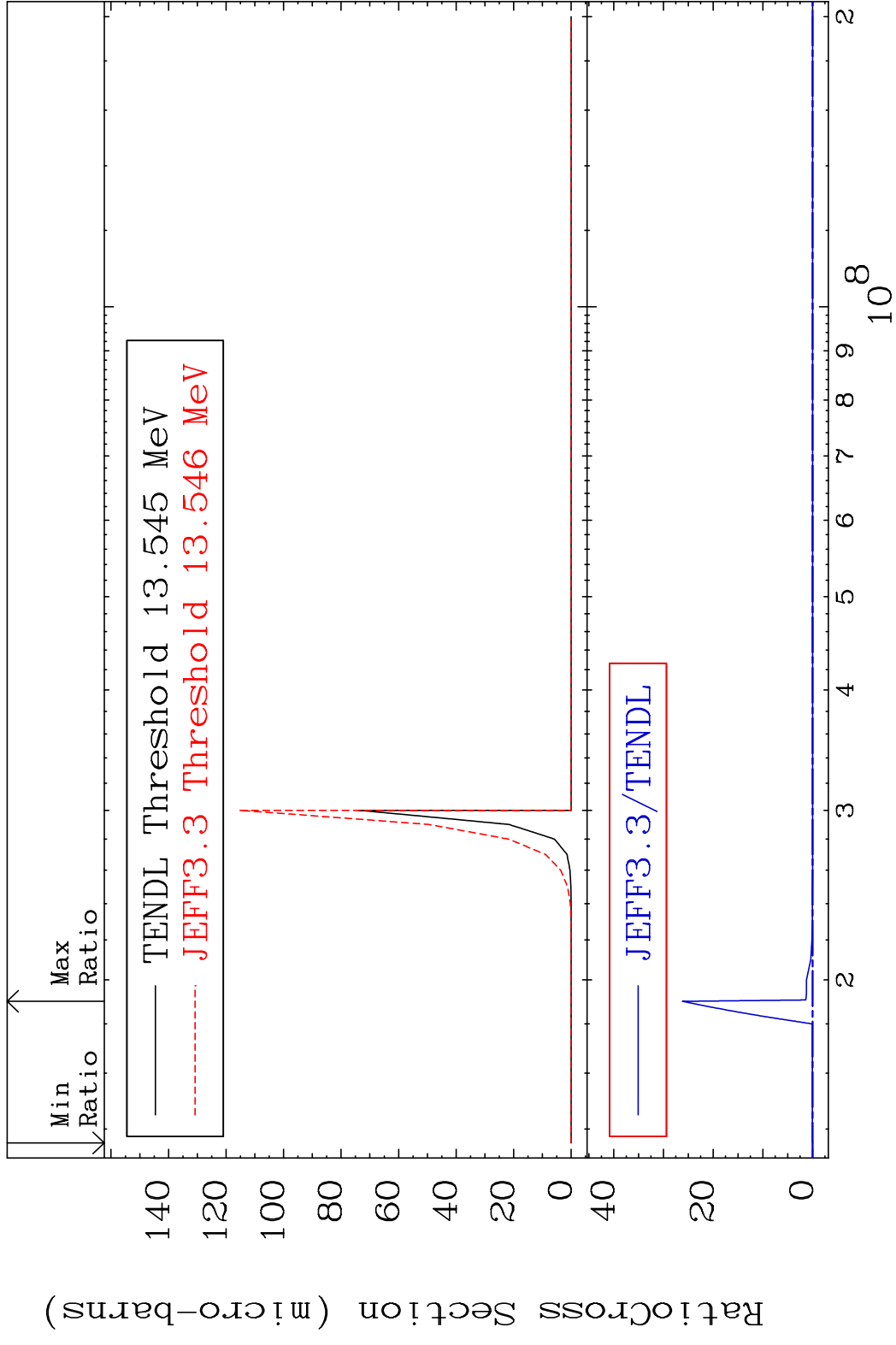
Cross Section -21.42 To 9999. %



MAT 6925 (n,2n) α 69-Tm-169
 Cross Section -100.0 To 9999. %

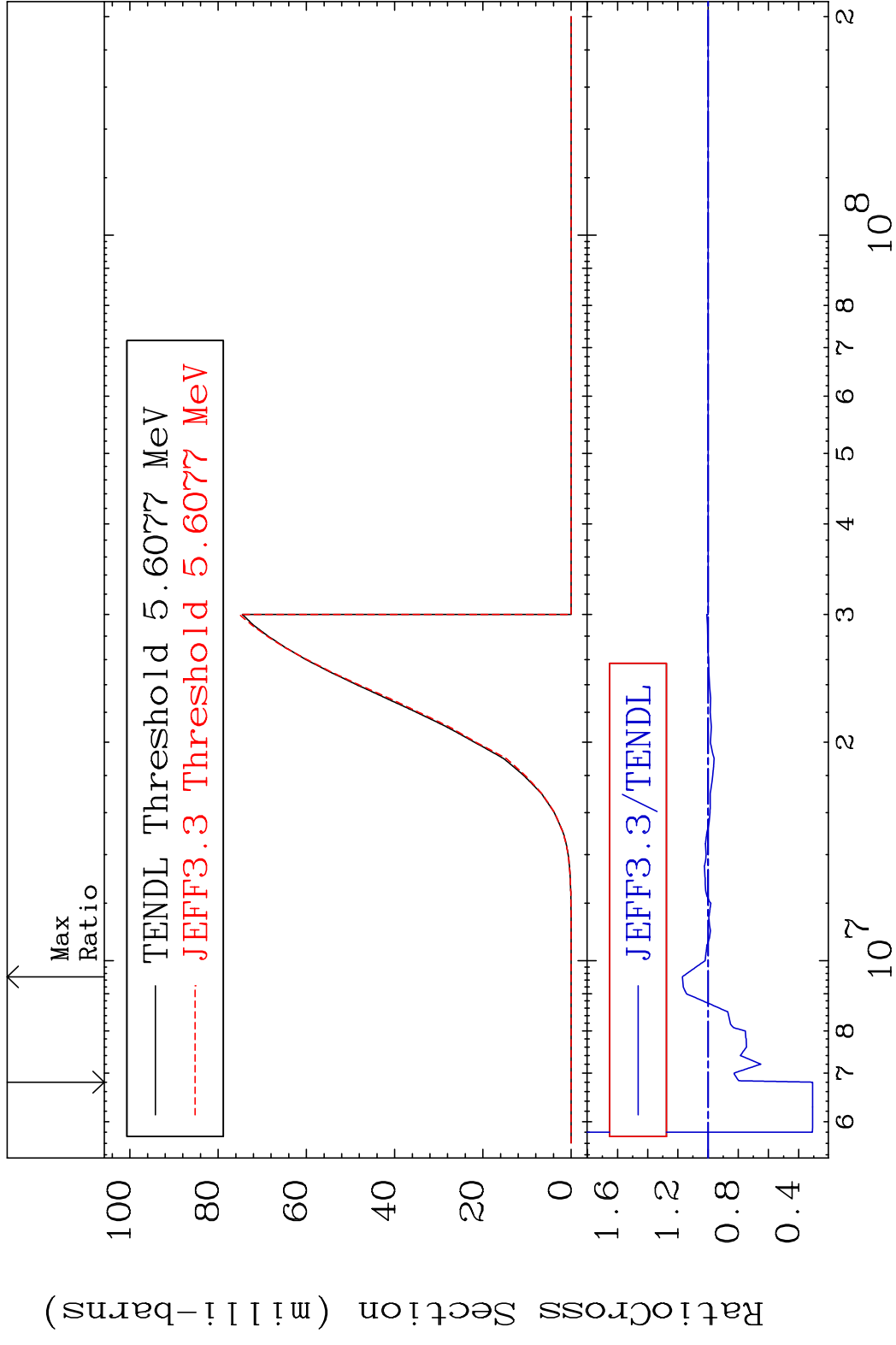


MAT 6925 (n,3n) α 69-Tm-169
 Cross Section -100.0 To 9999. %



10 Incident Energy (eV) 69-Tm-169

MAT 6925 (n, n') p 69-Tm-169
 Cross Section -69.23 To 17.05 %

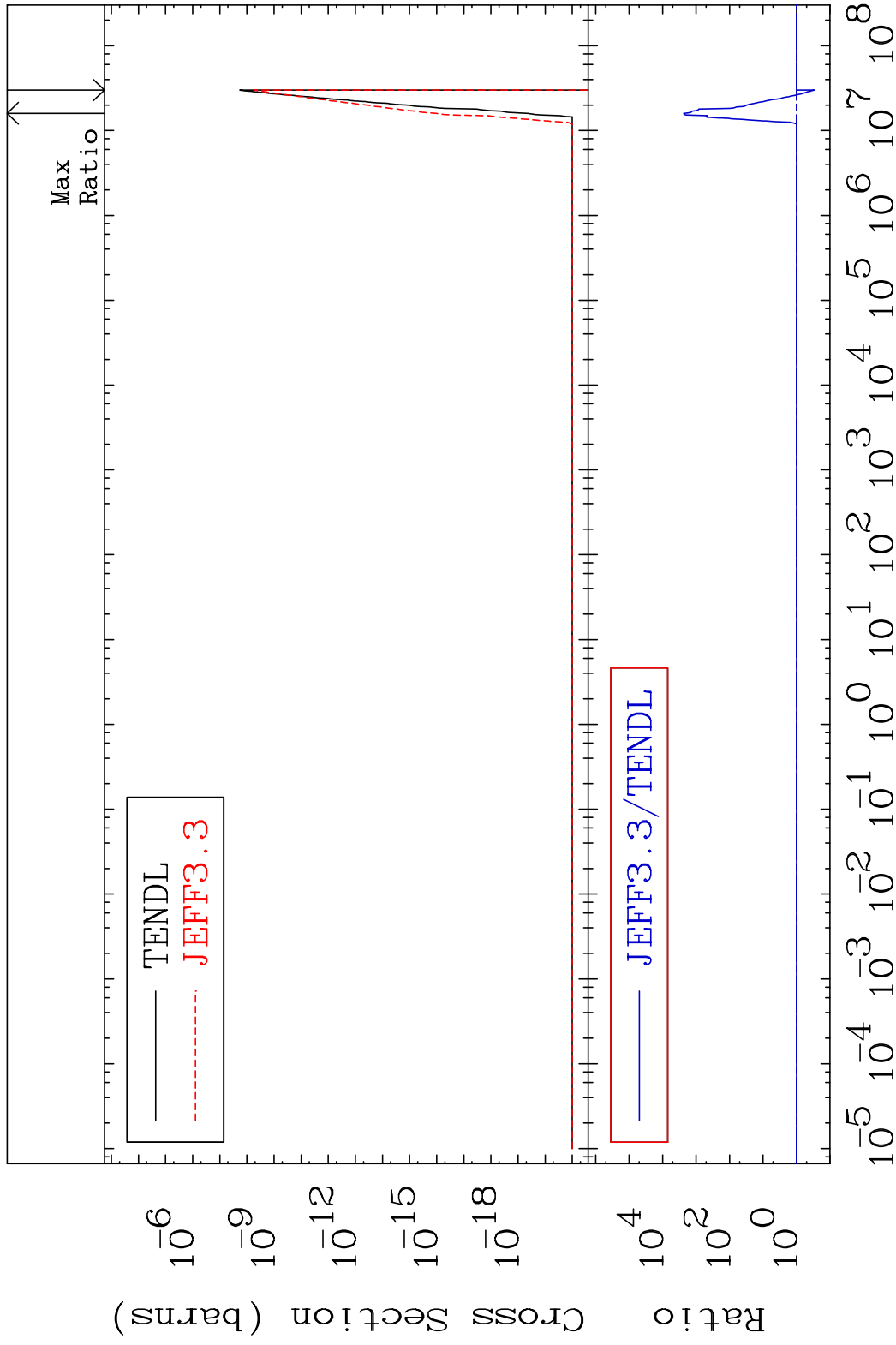


MAT 6925

(n, n') 2α

69-Tm-169

Cross Section -70.22 To 9999. %



12

Incident Energy (eV)

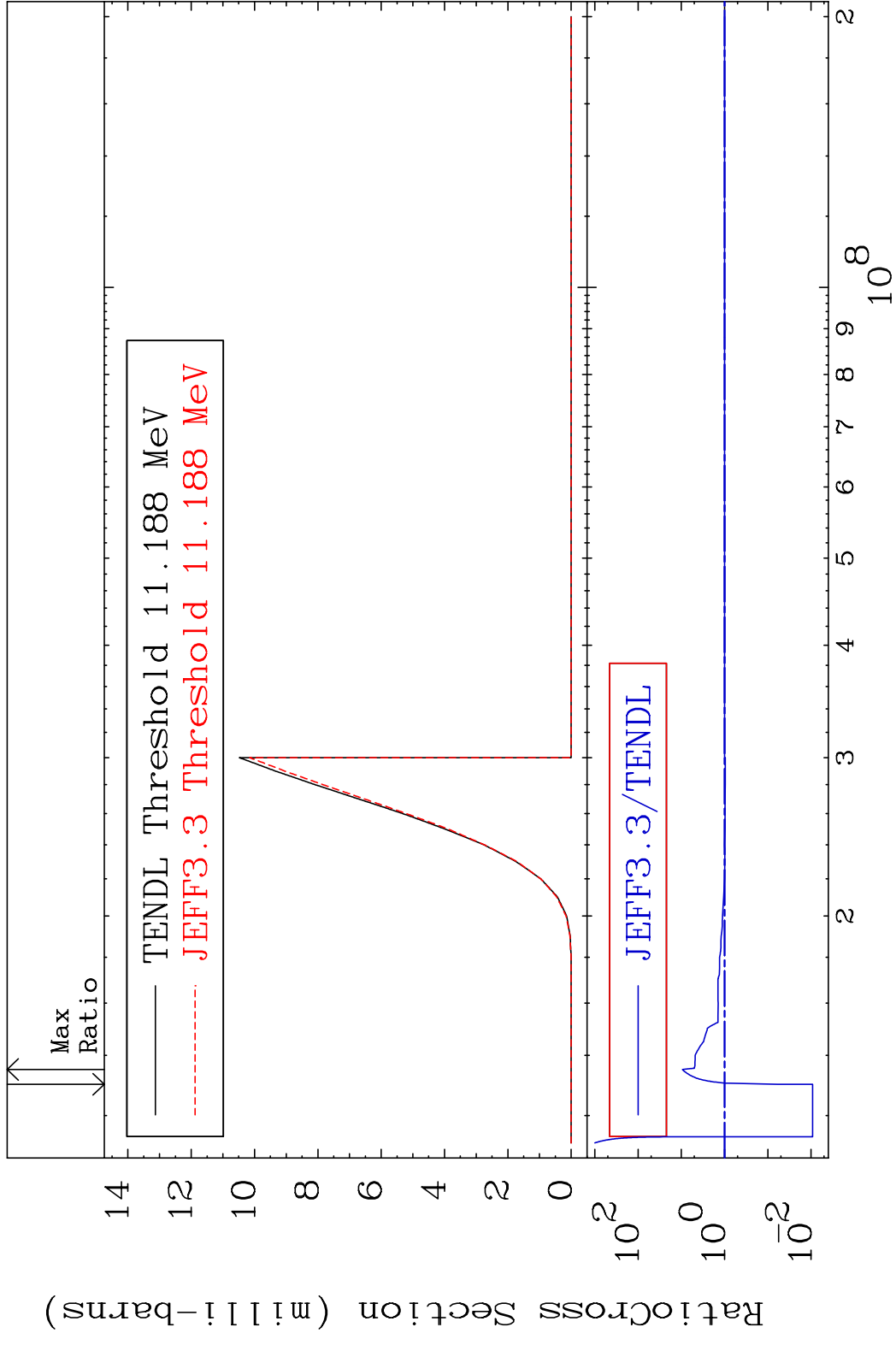
69-Tm-169

MAT 6925

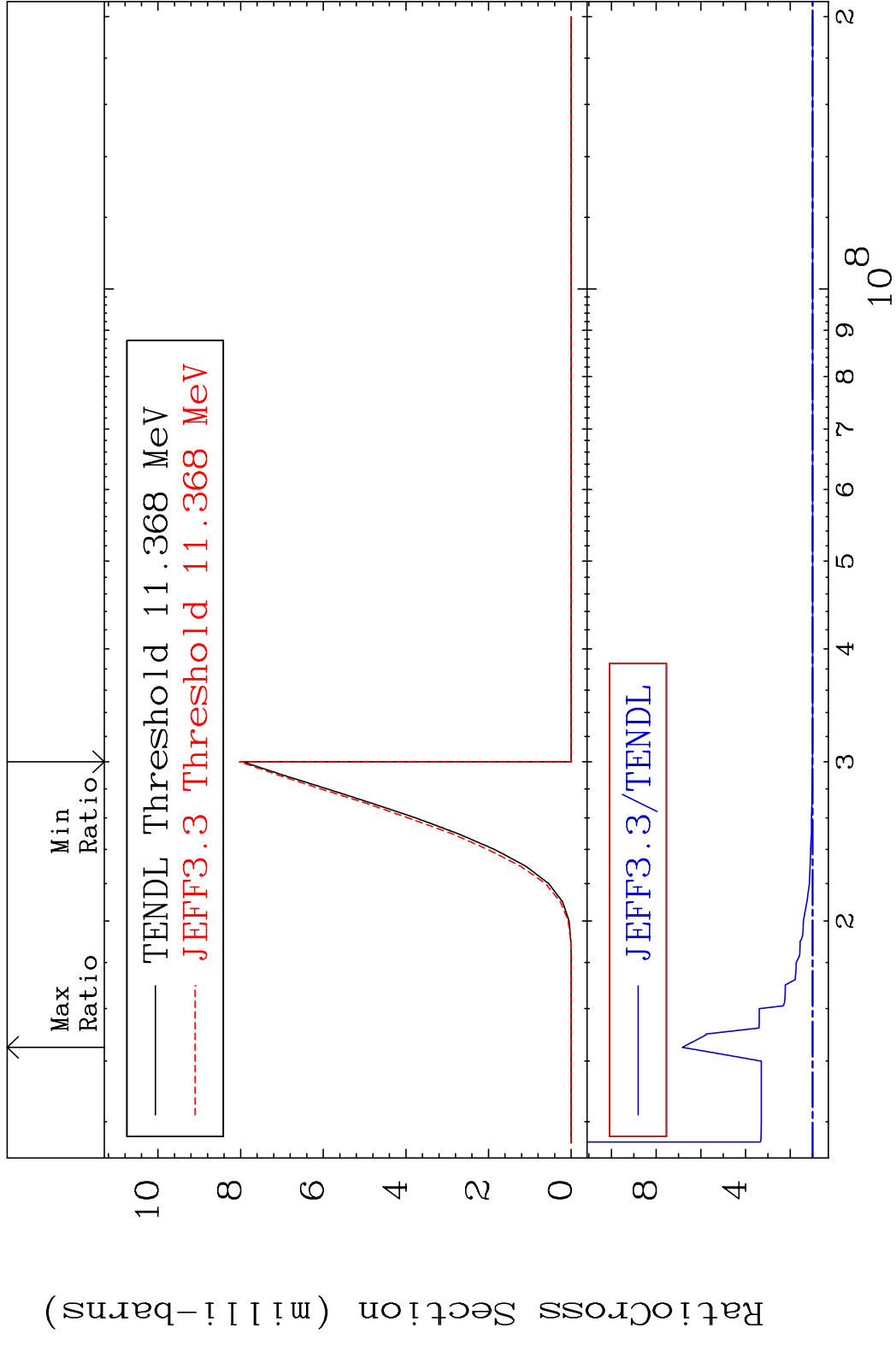
(n, n') d

69-Tm-169

Cross Section -99.07 To 845.5 %



MAT 6925 (n, n') t 69-Tm-169
 Cross Section 0.000 To 582.4 %

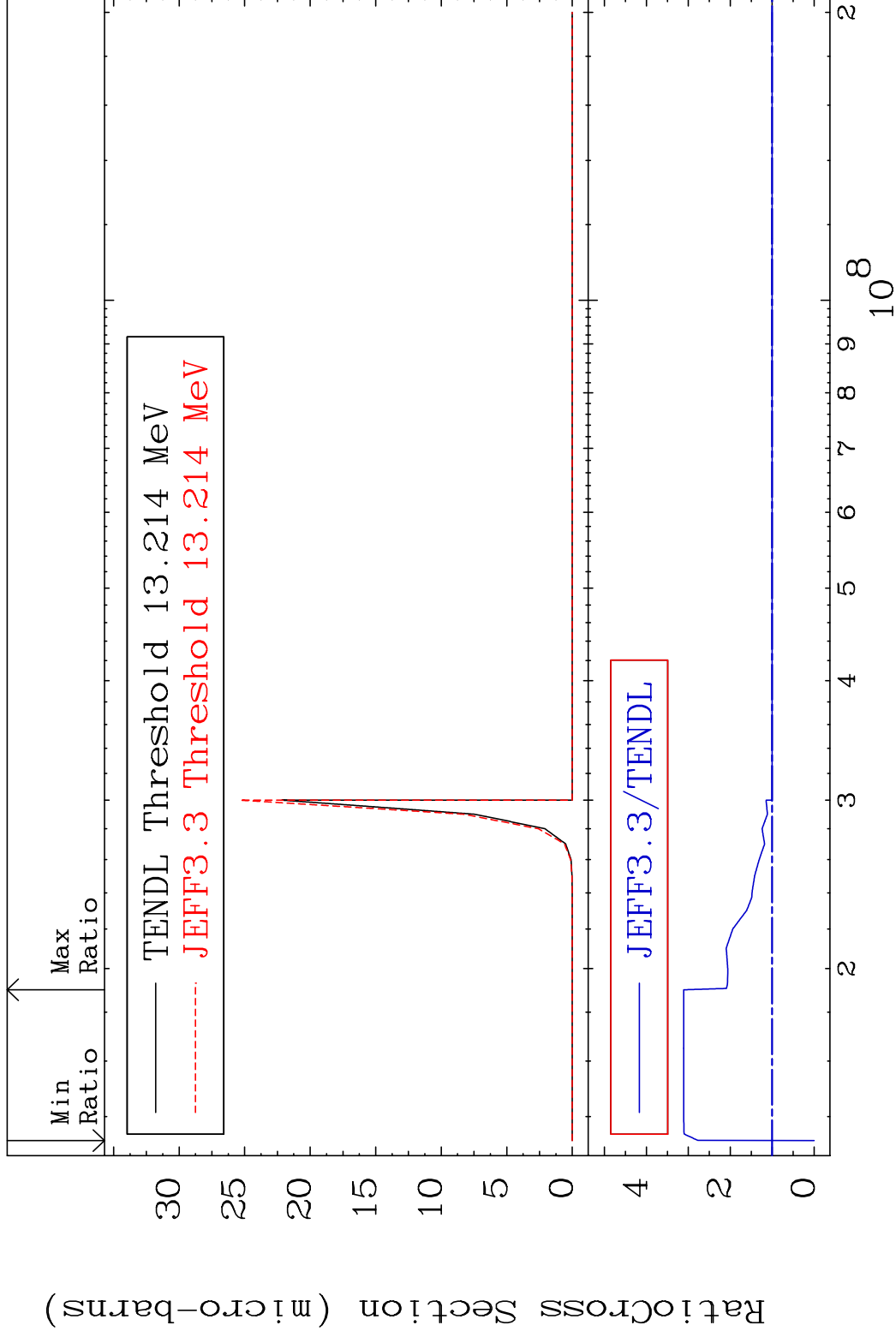


MAT 6925

(n,n') He-3

69-Tm-169

Cross Section -100.0 To 211.1 %



15

Incident Energy (eV)

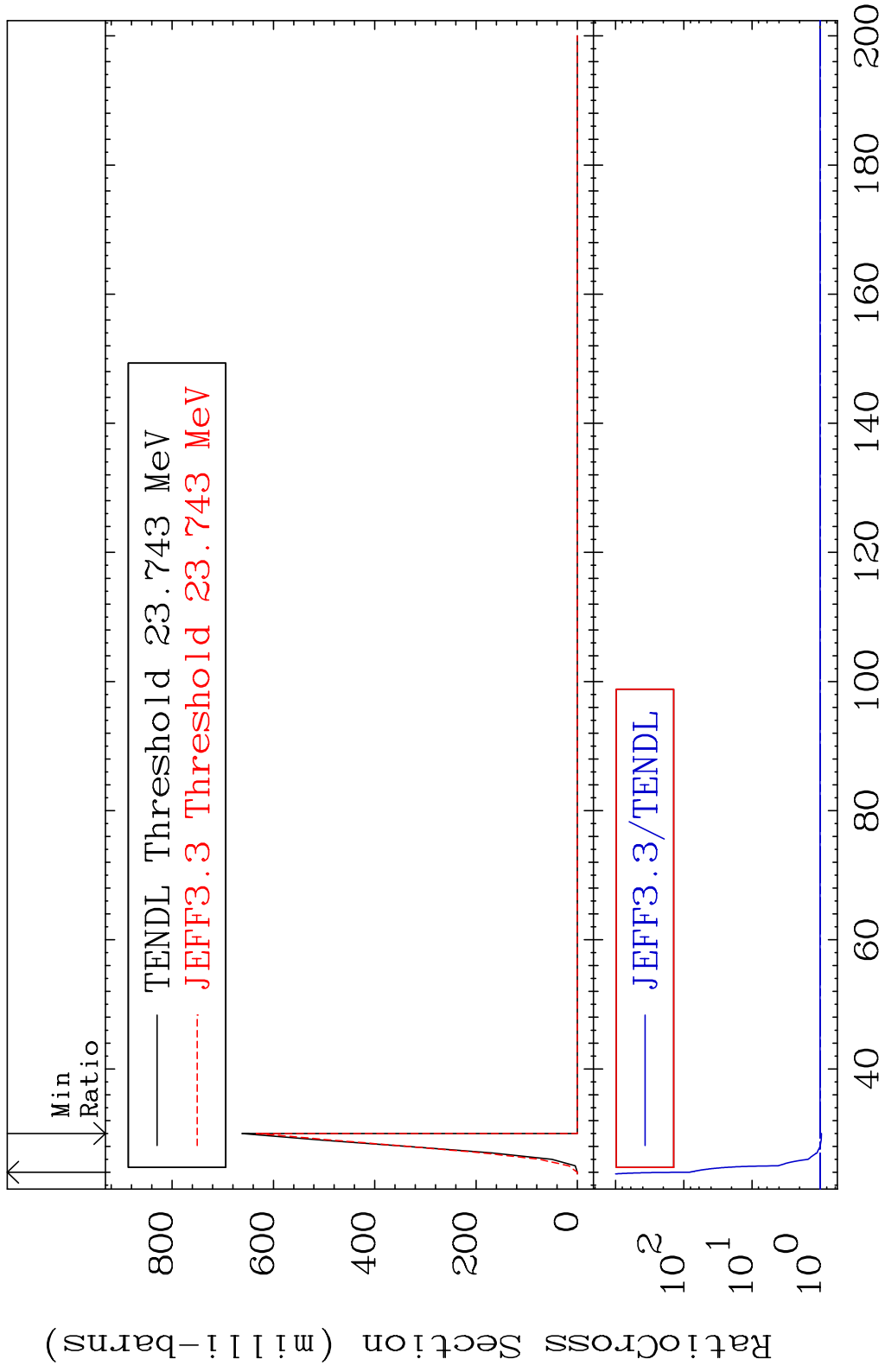
69-Tm-169

MAT 6925

(n,4n)

69-Tm-169

Cross Section -4.350 To 8073. %

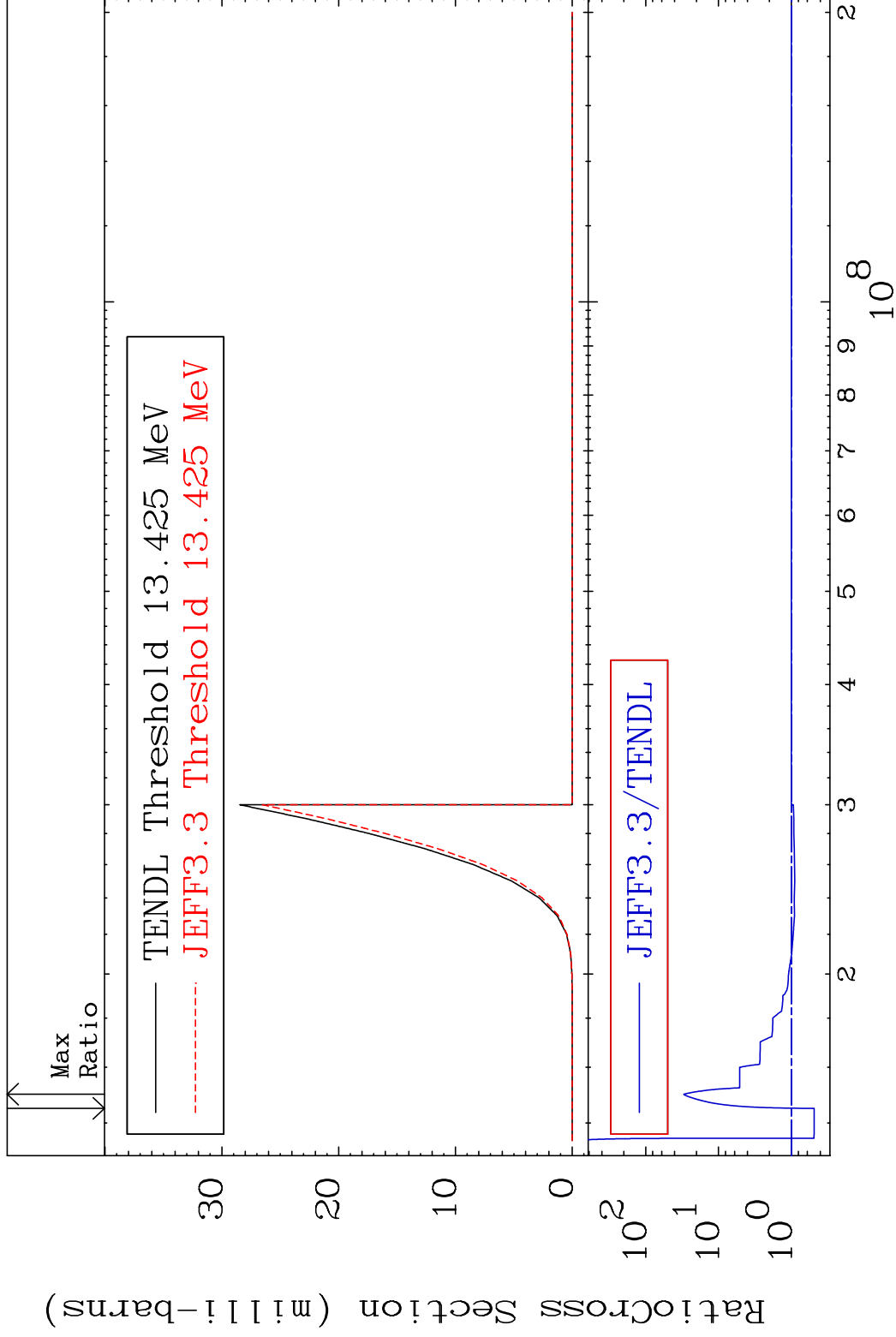


MAT 6925

(n,2n) p

69-Tm-169

Cross Section -51.47 To 2906. %

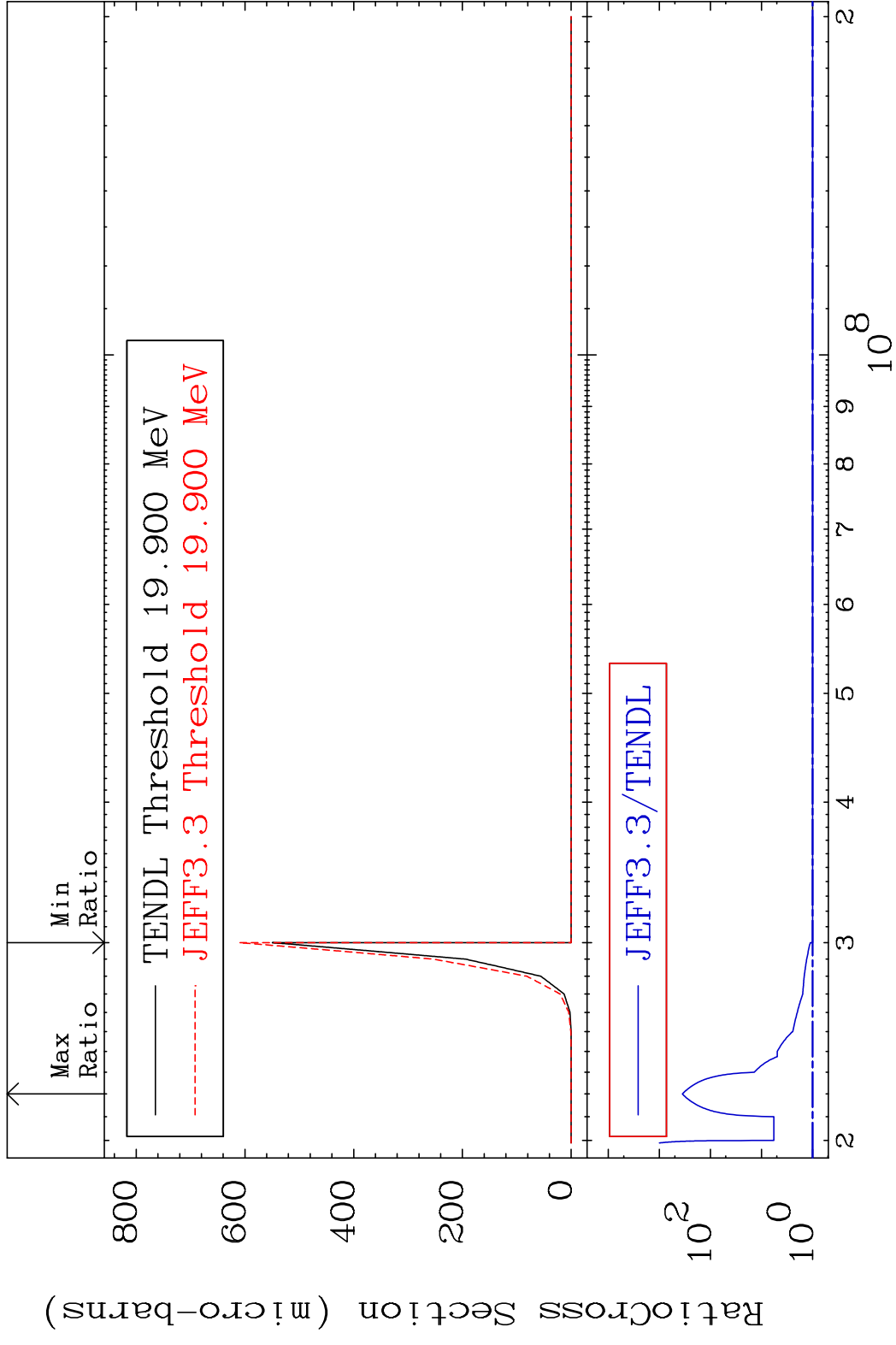


17

Incident Energy (eV)

69-Tm-169

MAT 6925 (n,3n) p 69-Tm-169
 Cross Section 0.000 To 9999. %

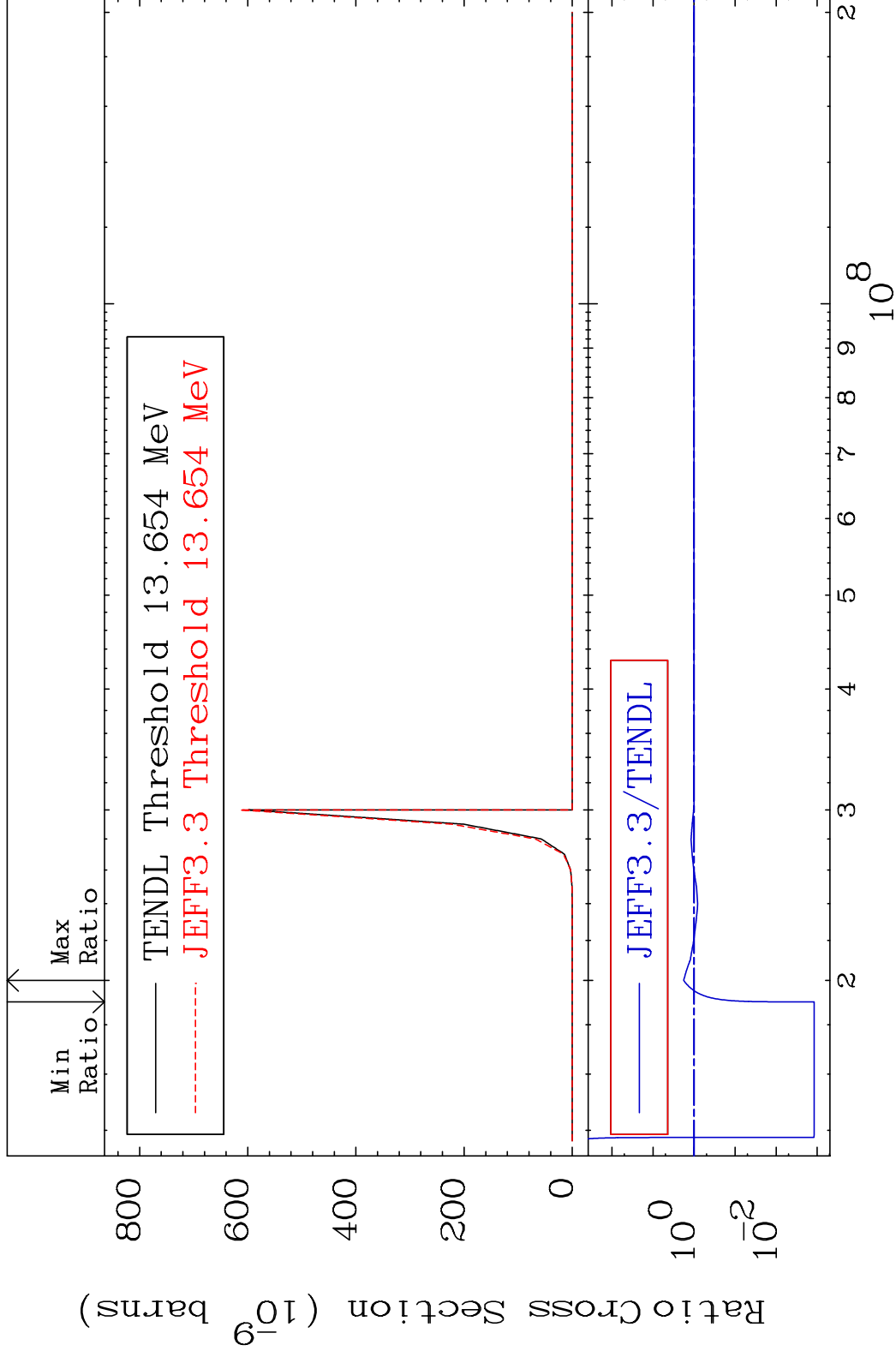


MAT 6925

(n,2n) p

69-Tm-169

Cross Section -99.88 To 79.53 %



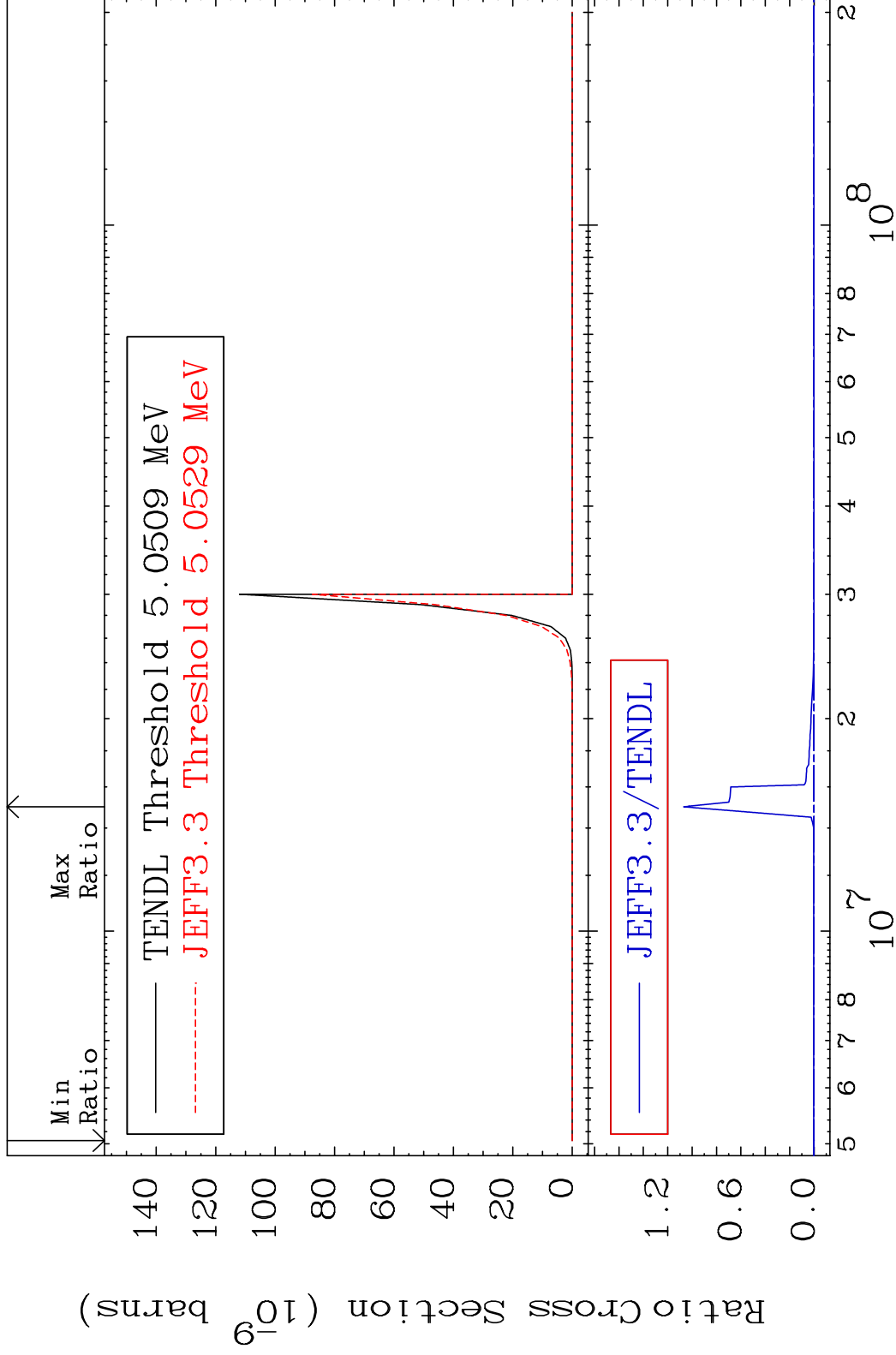
19

Incident Energy (eV)

69-Tm-169

MAT 6925

(n,n') p α 69-Tm-169
Cross Section -100.0 To 9999. %

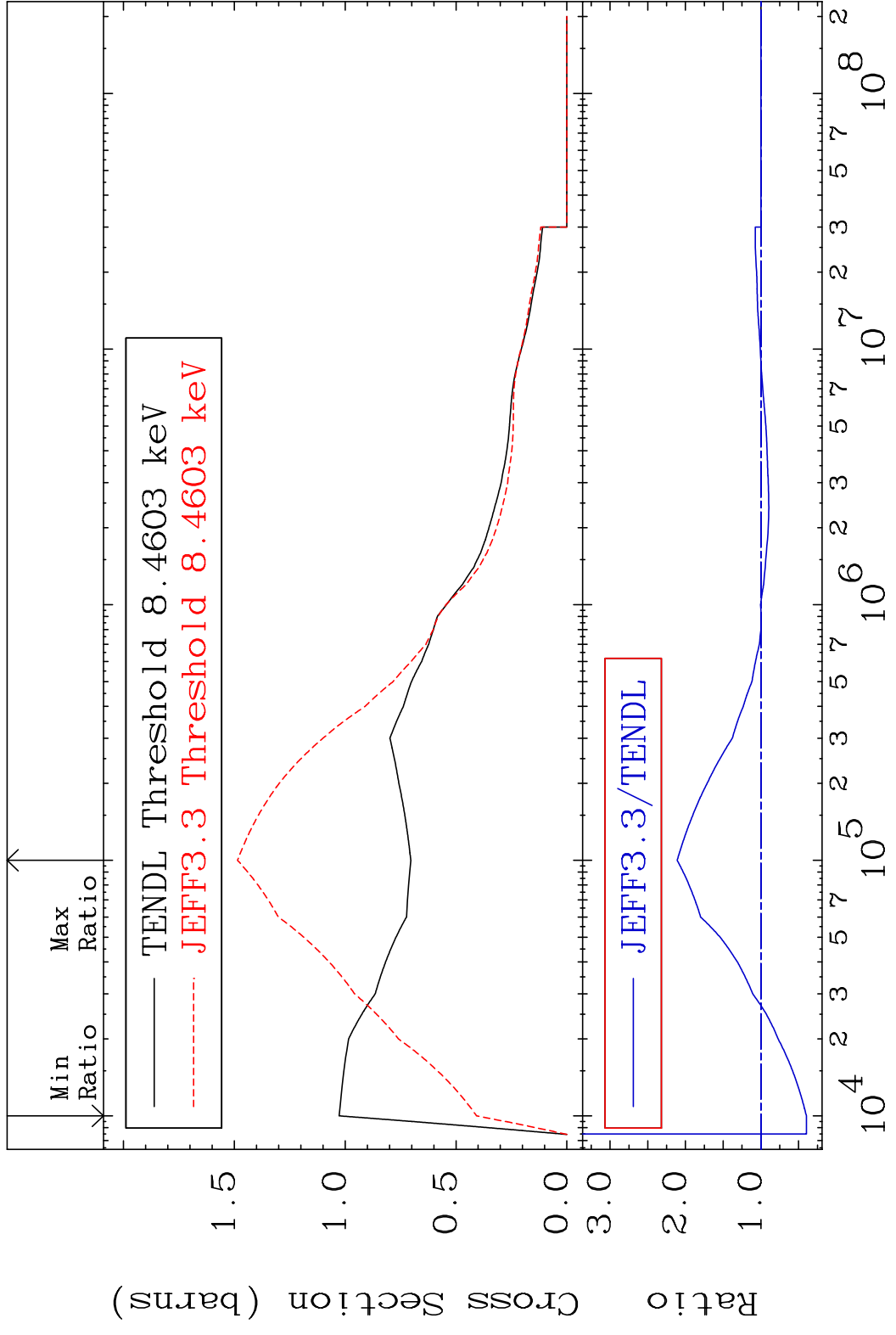


20

Incident Energy (eV)

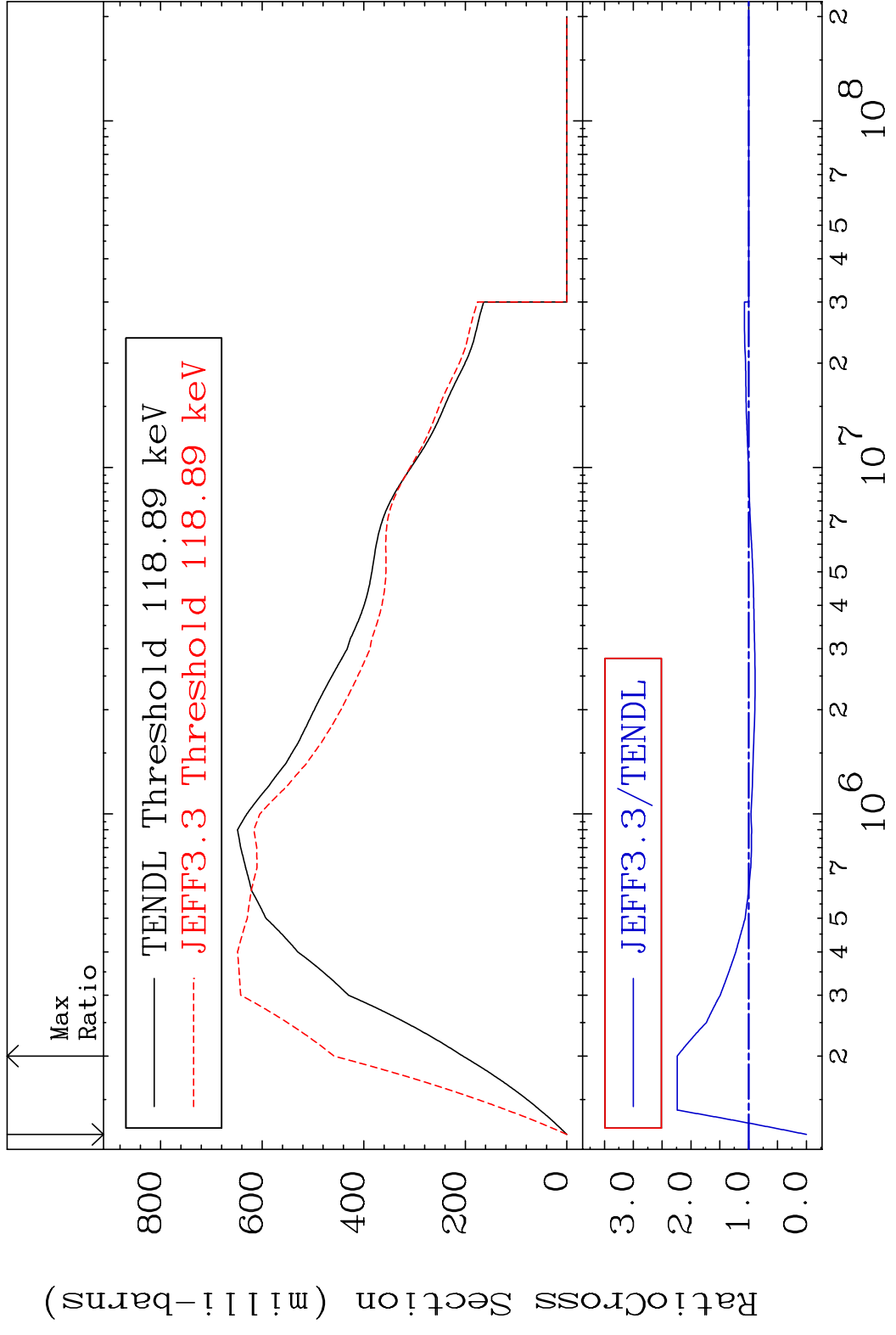
69-Tm-169

MAT 6925 MT= 51 (n, n') Level 69-Tm-169
 Cross Section -60.34 To 111.0 %

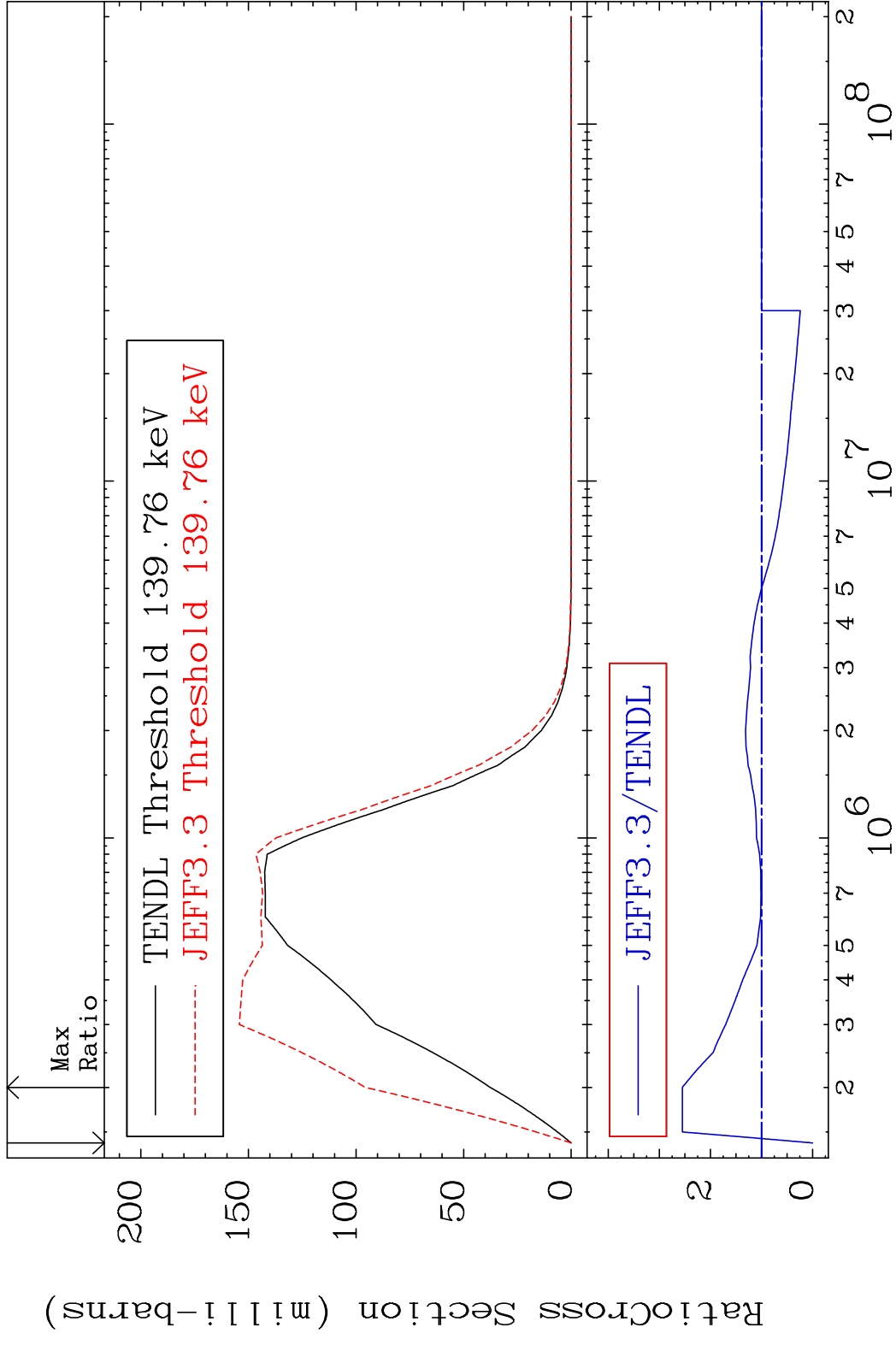


21 Incident Energy (eV) 69-Tm-169

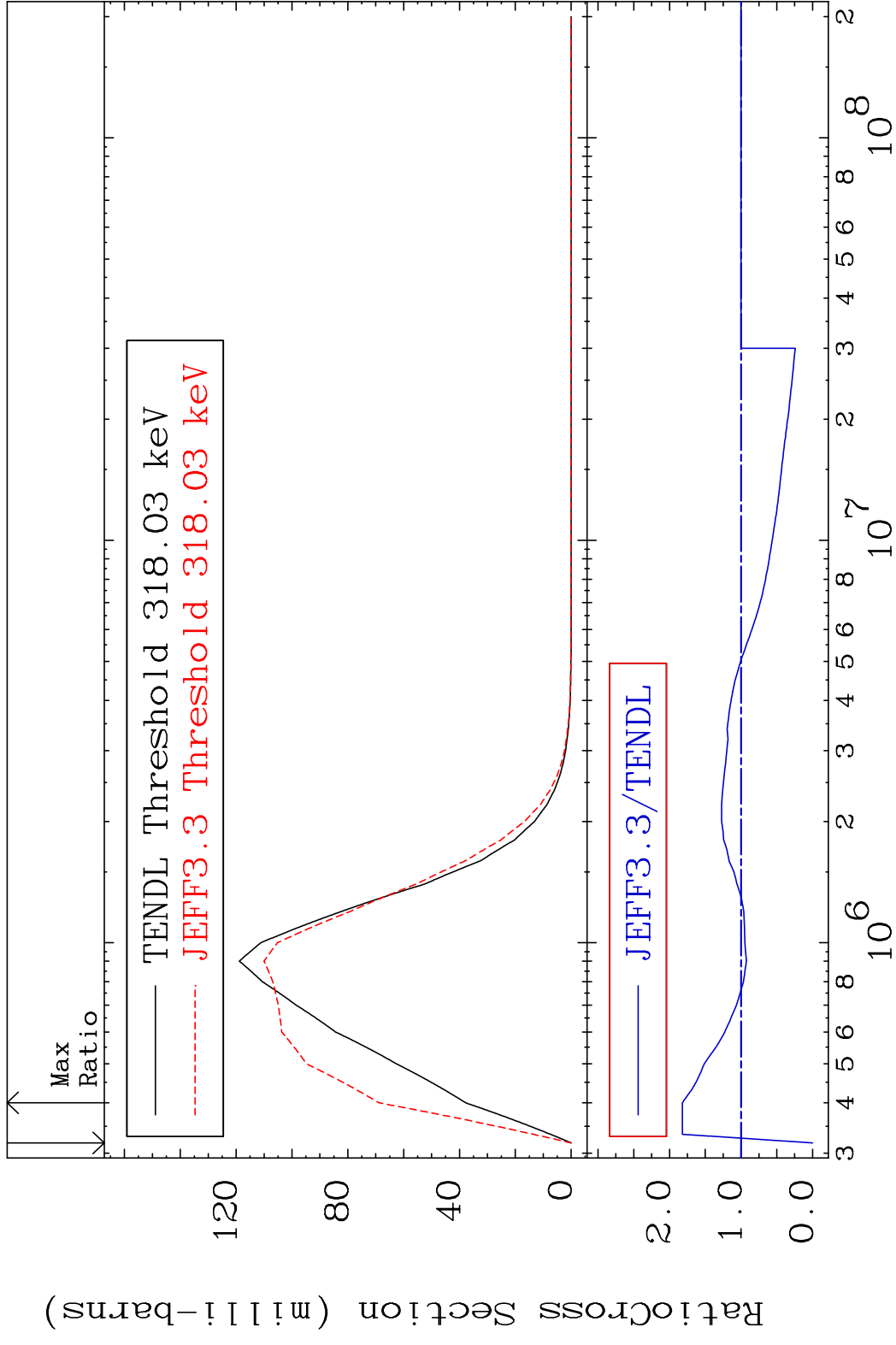
MAT 6925 MT= 52 (n, n') Level 69-Tm-169
 Cross Section -100.0 To 124.0 %



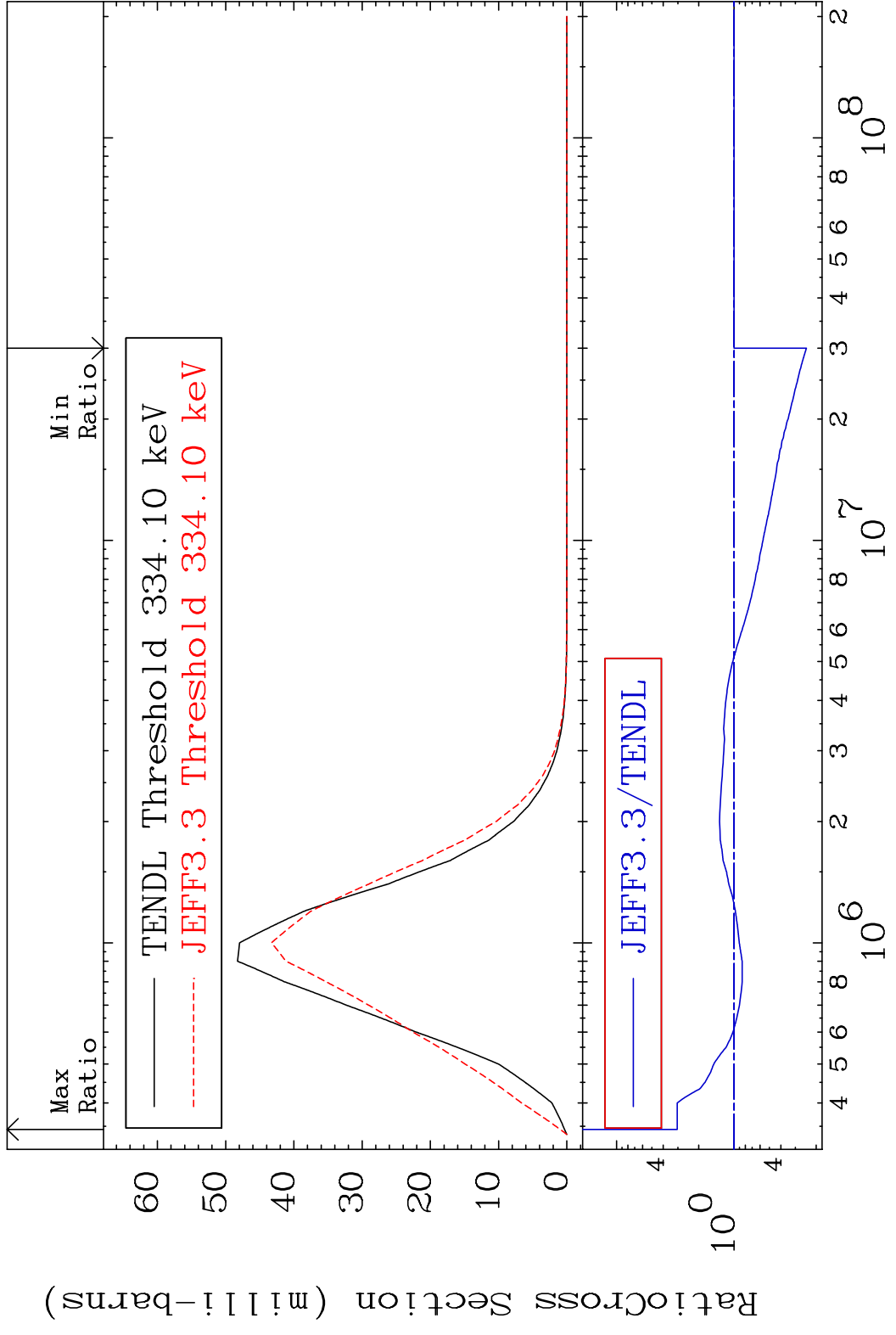
MAT 6925 MT= 53 (n, n') Level 69-Tm-169
 Cross Section -100.0 To 154.8 %



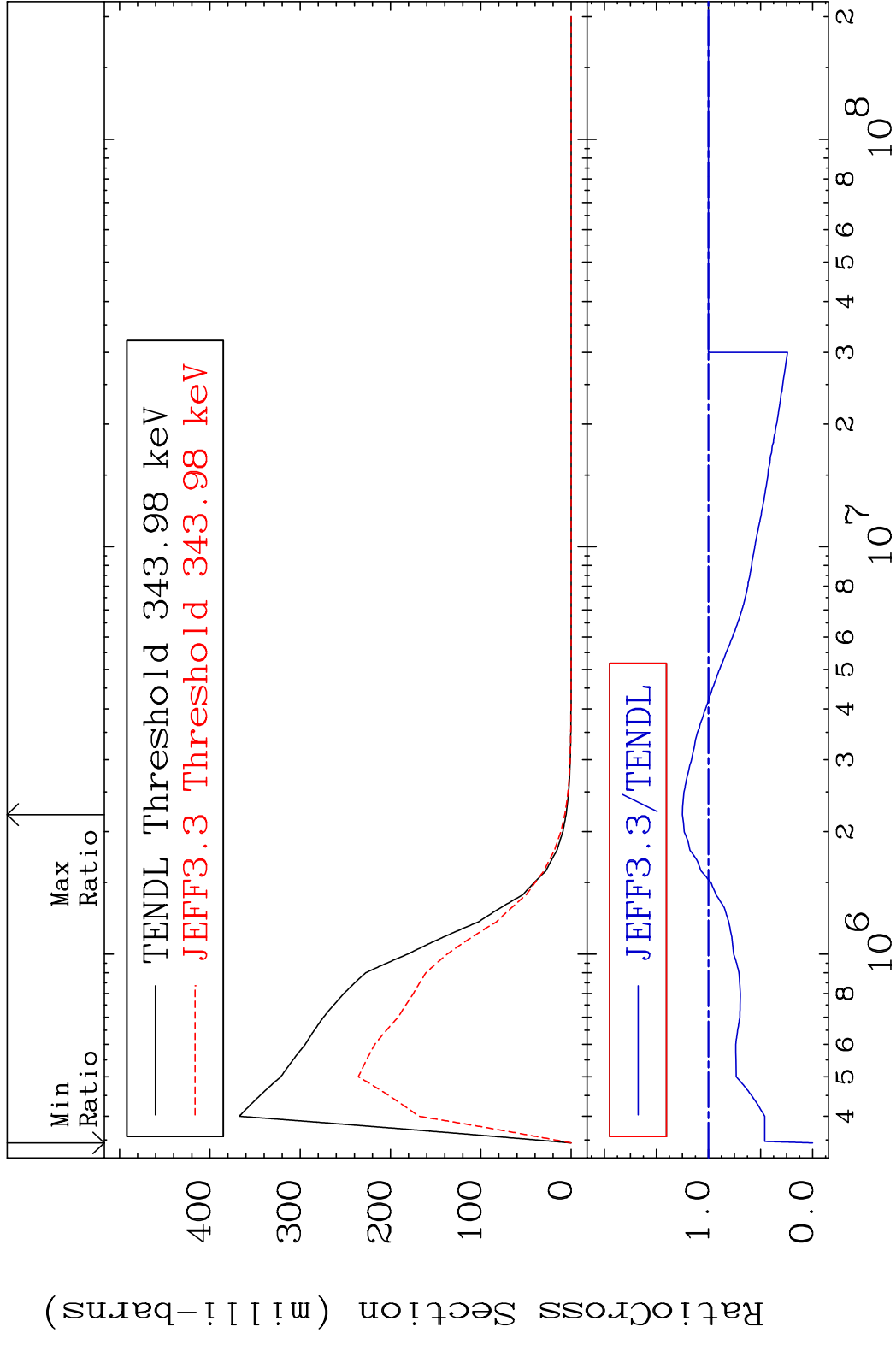
MAT 6925 MT= 54 (n, n') Level 69-Tm-169
 Cross Section -100.0 To 82.06 %



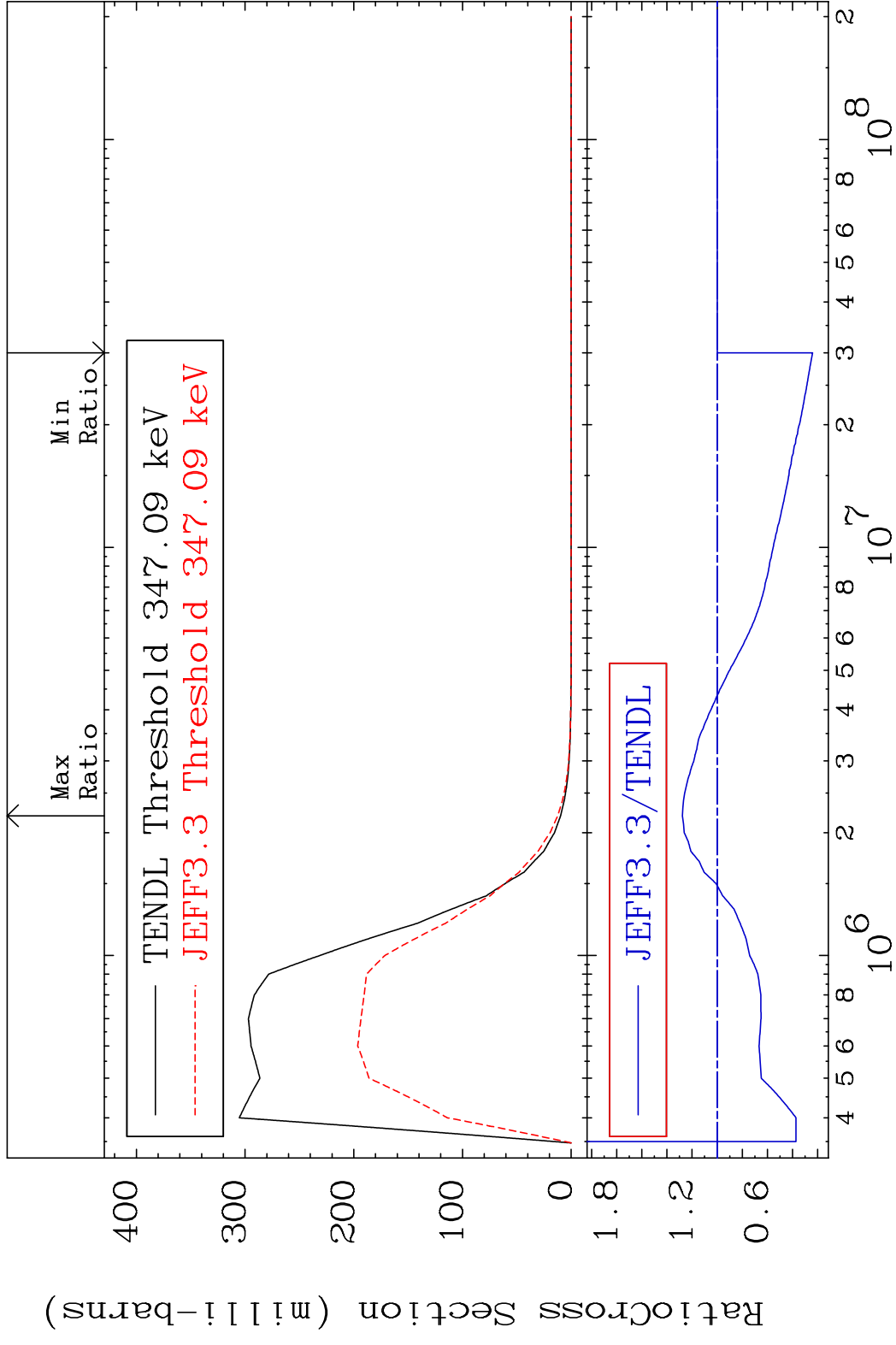
MAT 6925 MT= 55 (n,n') Level 69-Tm-169
 Cross Section -75.80 To 204.7 %



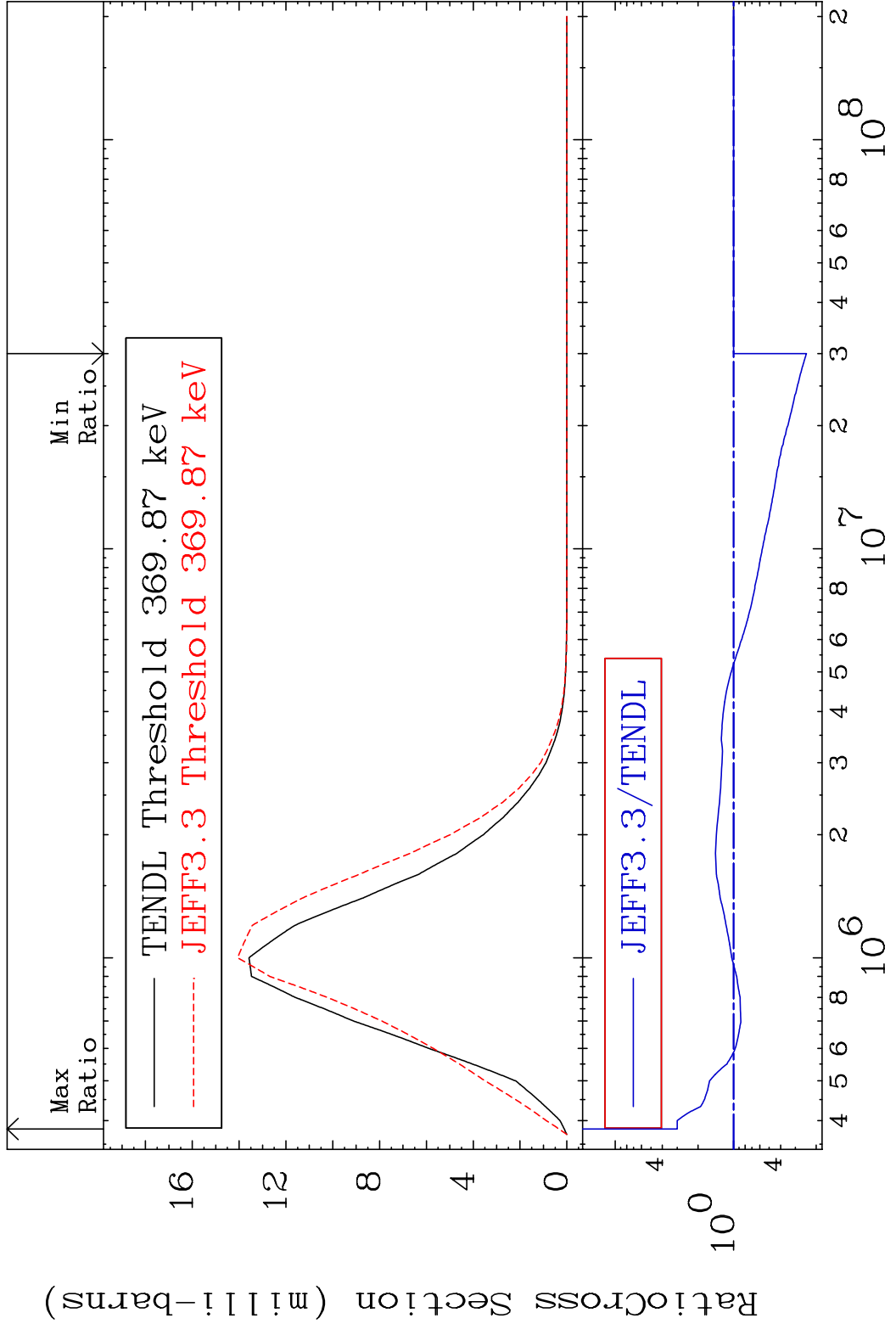
MAT 6925 MT= 56 (n,n') Level 69-Tm-169
 Cross Section -100.0 To 25.07 %



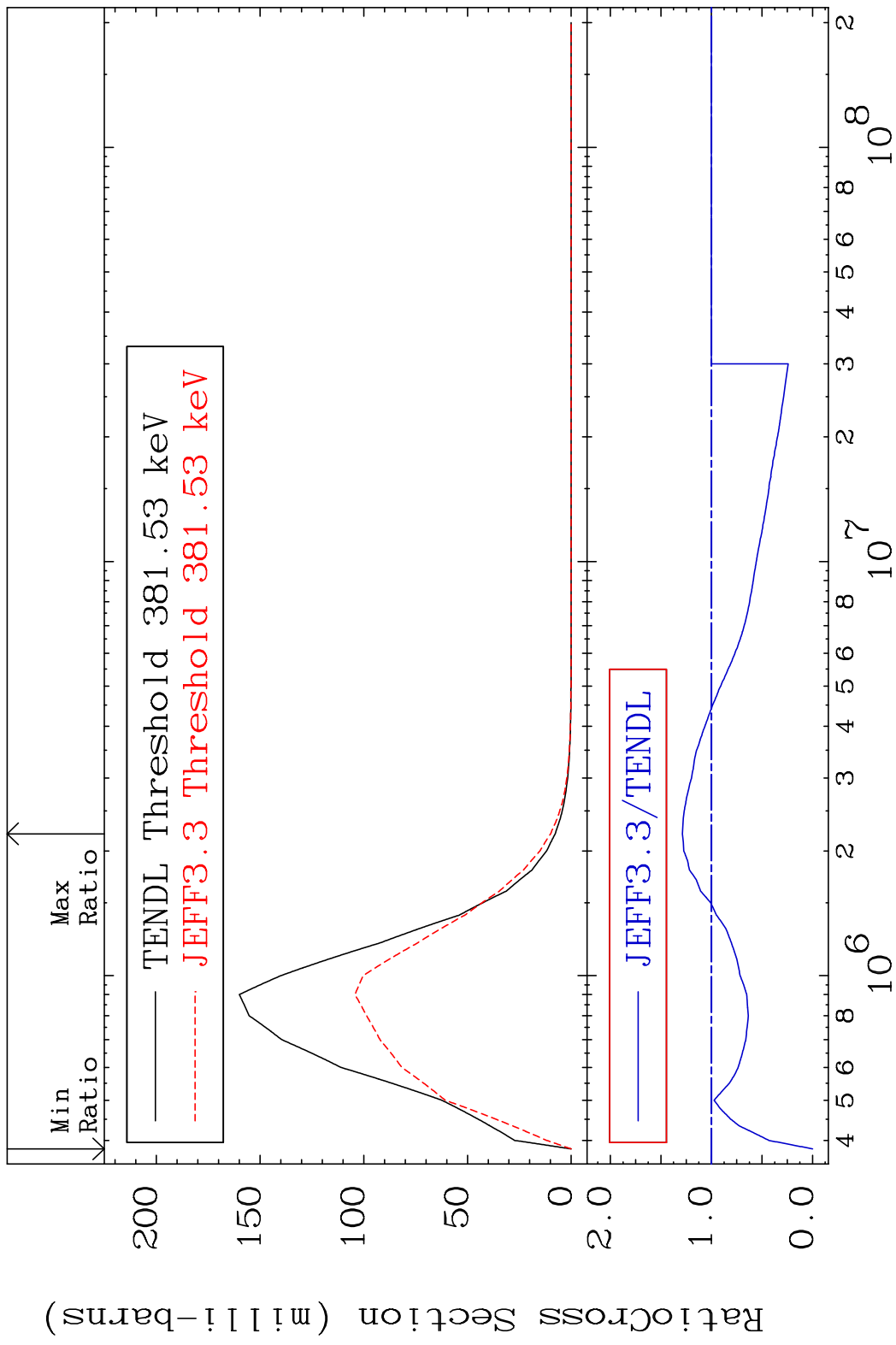
MAT 6925 MT= 57 (n, n') Level 69-Tm-169
 Cross Section -75.89 To 27.72 %



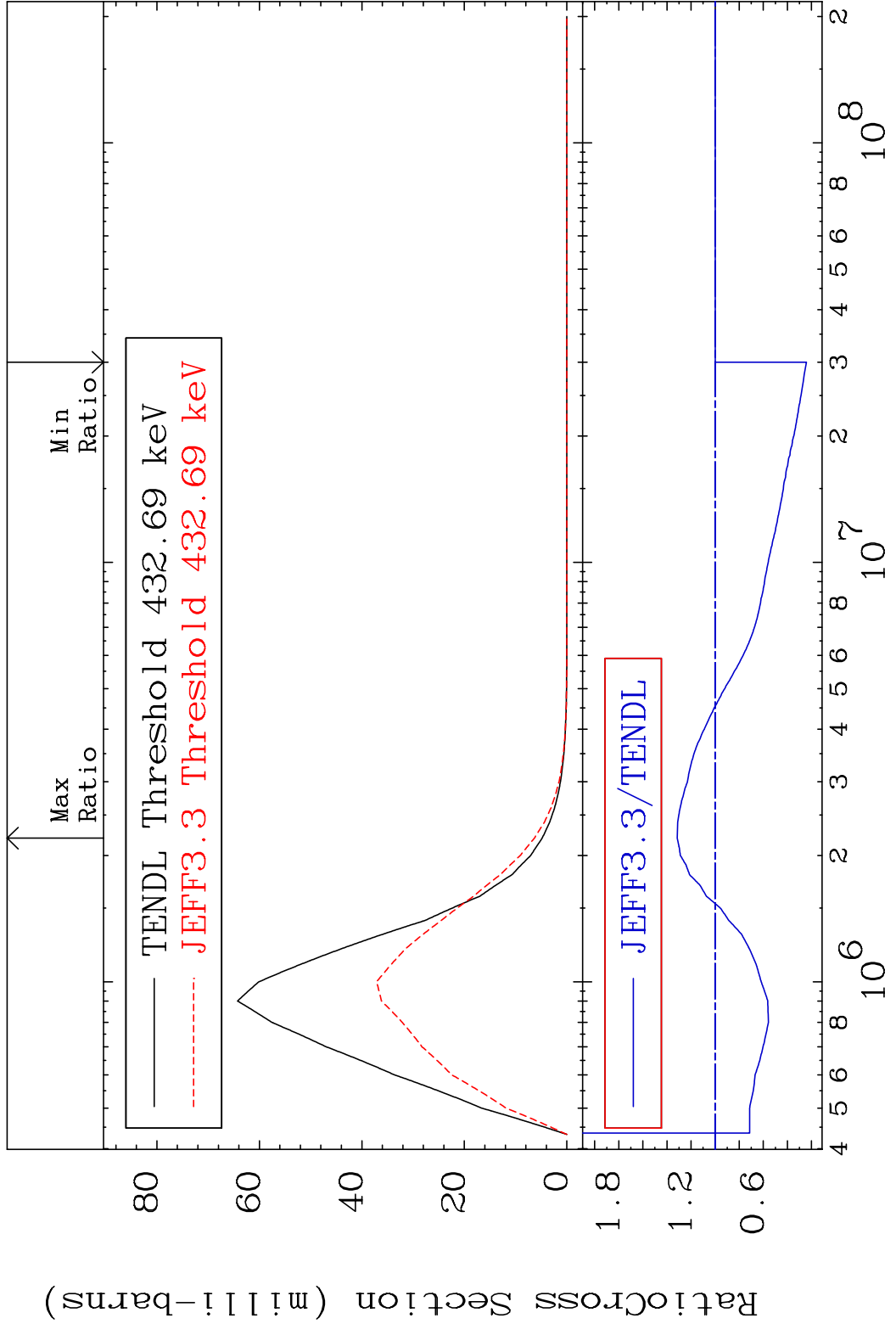
MAT 6925 MT= 58 (n,n') Level 69-Tm-169
 Cross Section -75.76 To 199.7 %



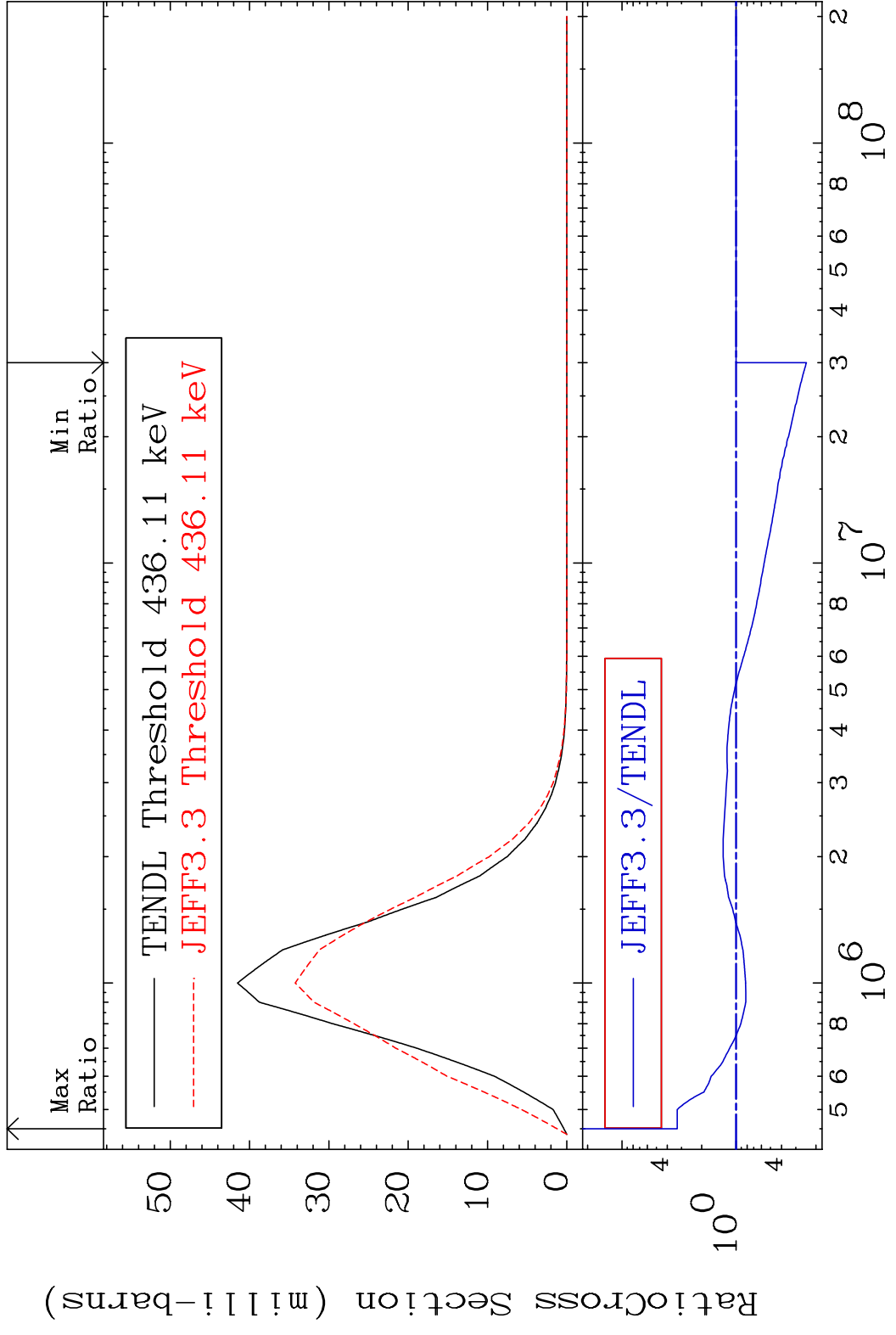
MAT 6925 MT= 59 (n, n') Level 69-Tm-169
 Cross Section -100.0 To 28.79 %



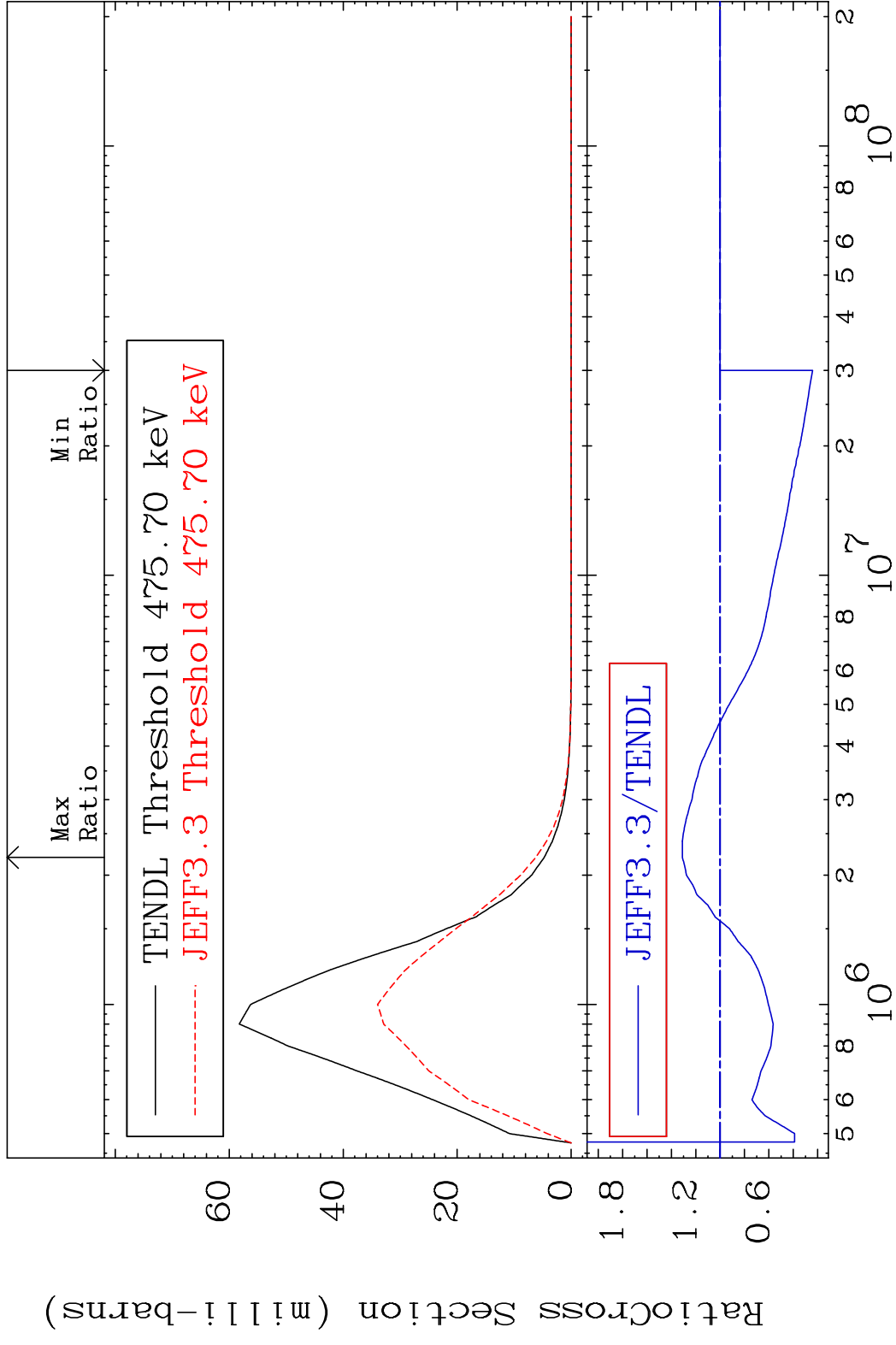
MAT 6925 MT= 60 (n, n') Level 69-Tm-169
 Cross Section -75.80 To 31.51 %



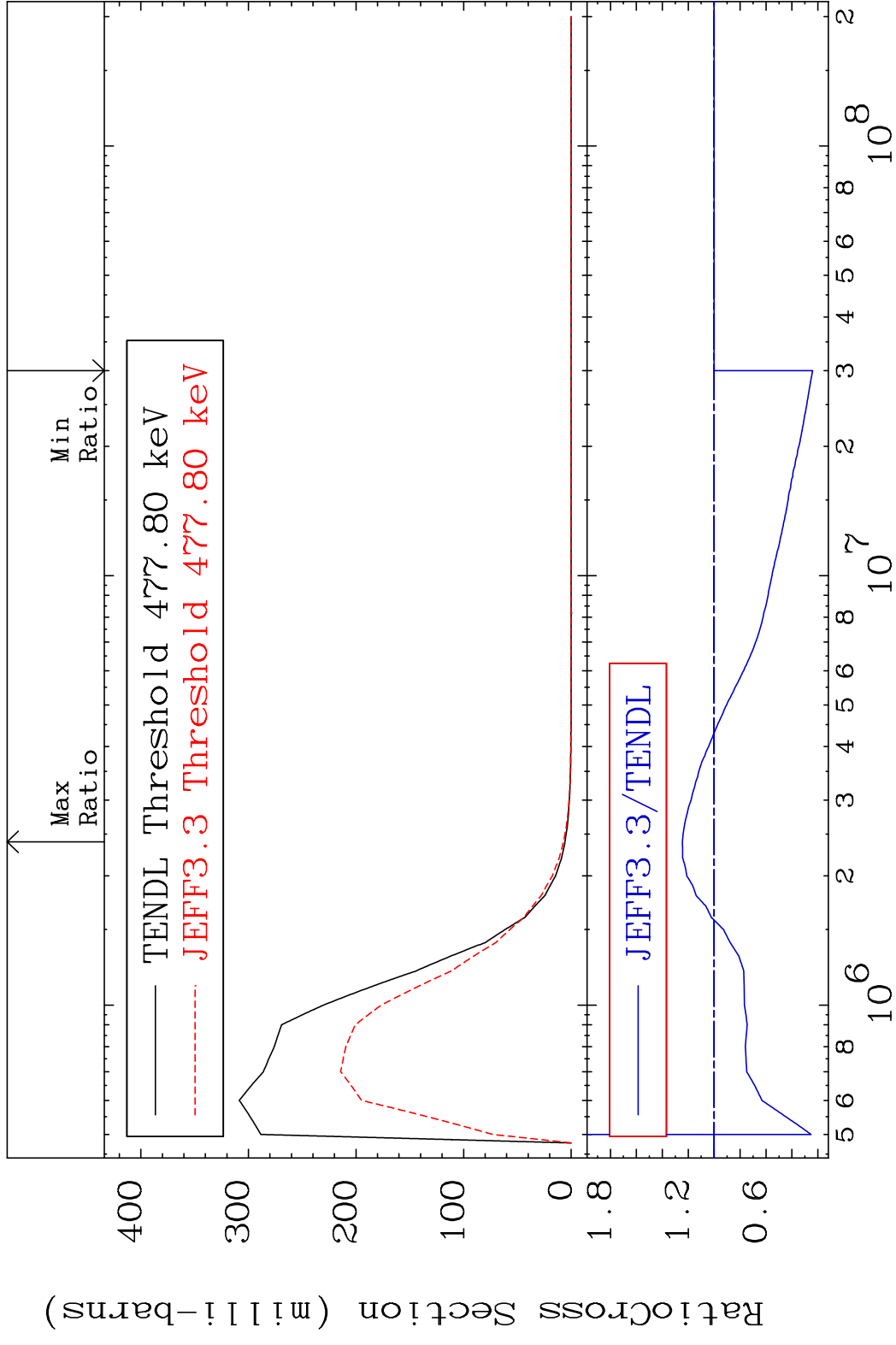
MAT 6925 MT= 61 (n, n') Level 69-Tm-169
 Cross Section -75.80 To 228.1 %



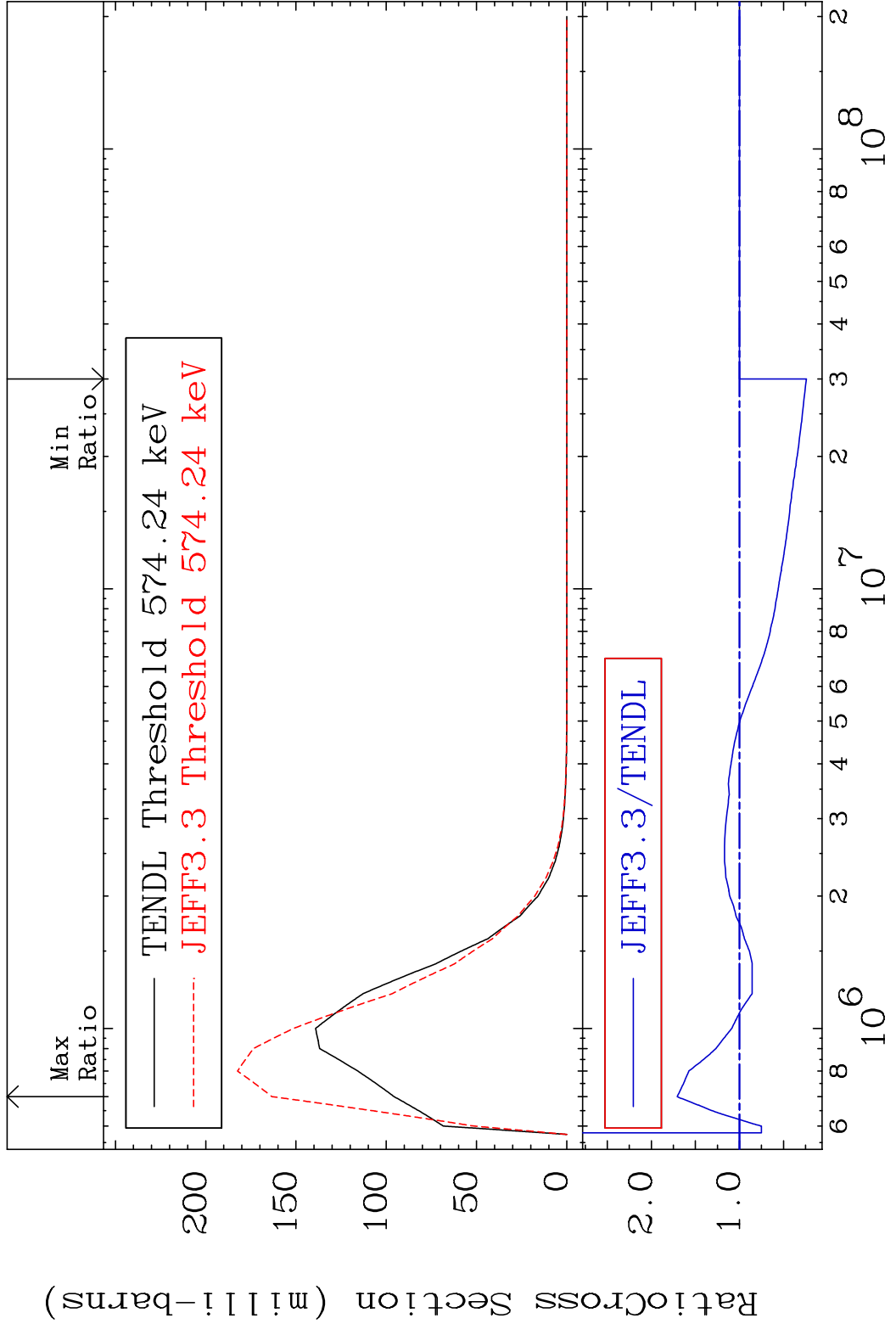
MAT 6925 MT= 62 (n, n') Level 69-Tm-169
 Cross Section -75.80 To 30.97 %



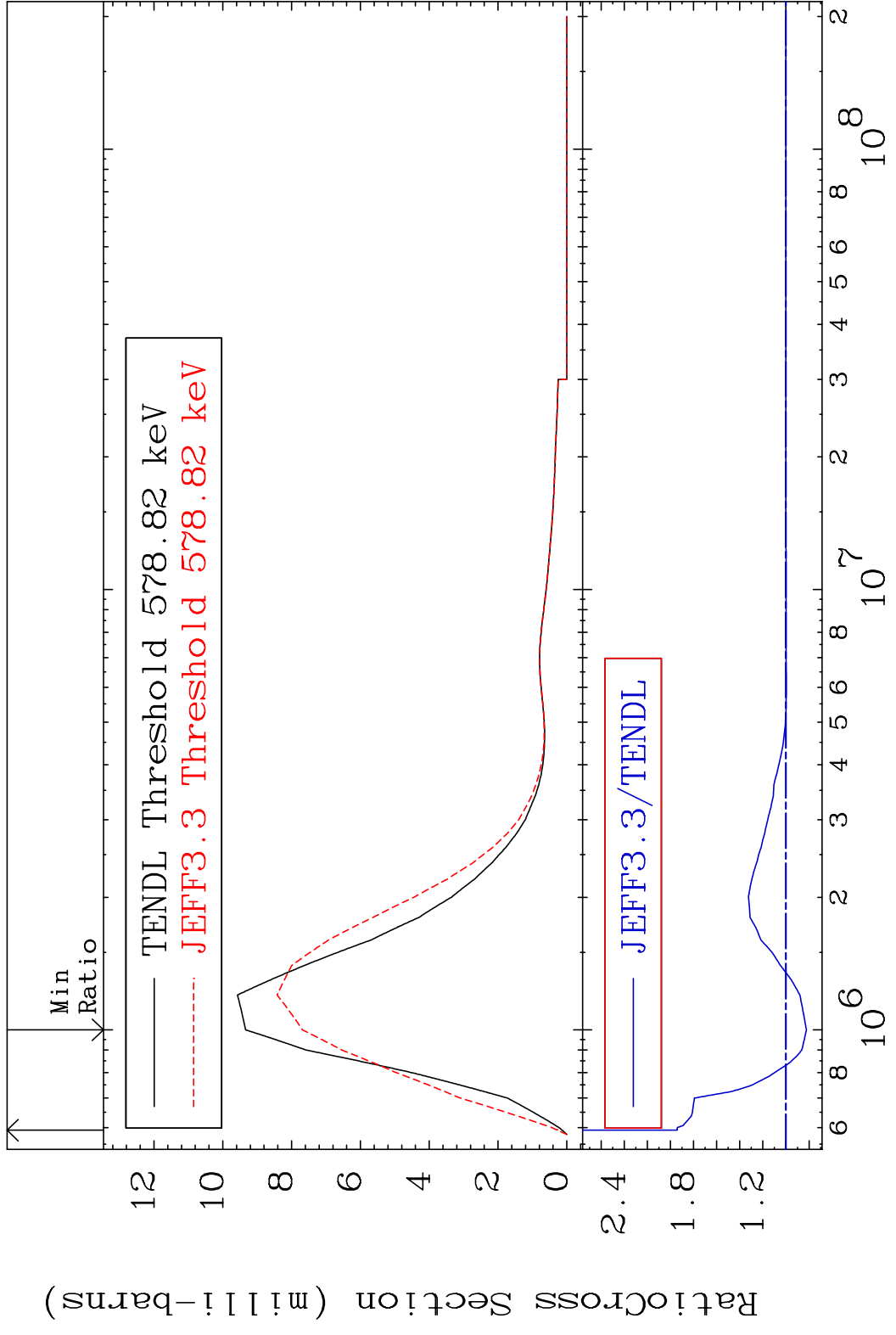
MAT 6925 MT= 63 (n, n') Level 69-Tm-169
 Cross Section -75.90 To 24.54 %



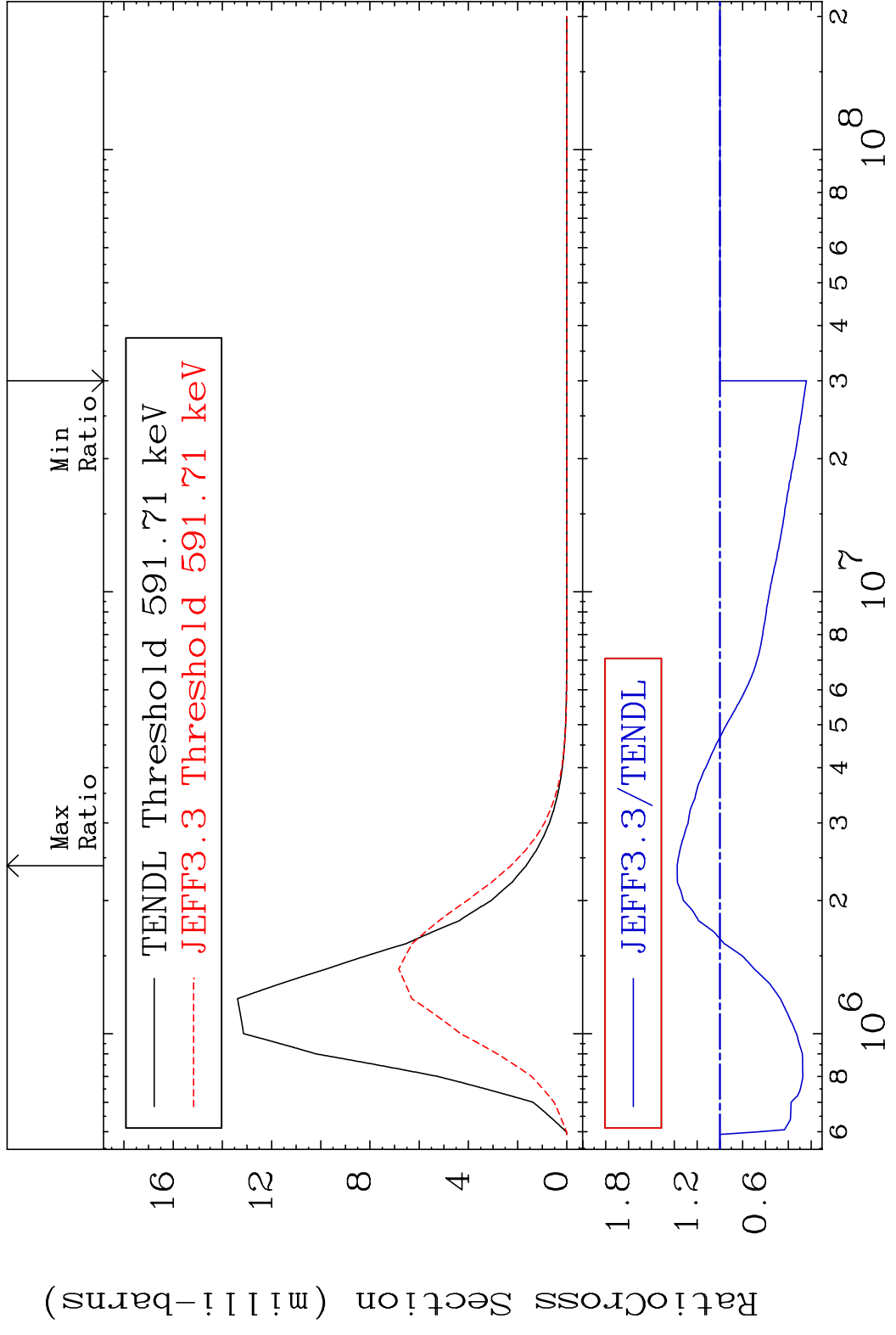
MAT 6925 MT= 64 (n, n') Level 69-Tm-169
 Cross Section -75.91 To 70.67 %



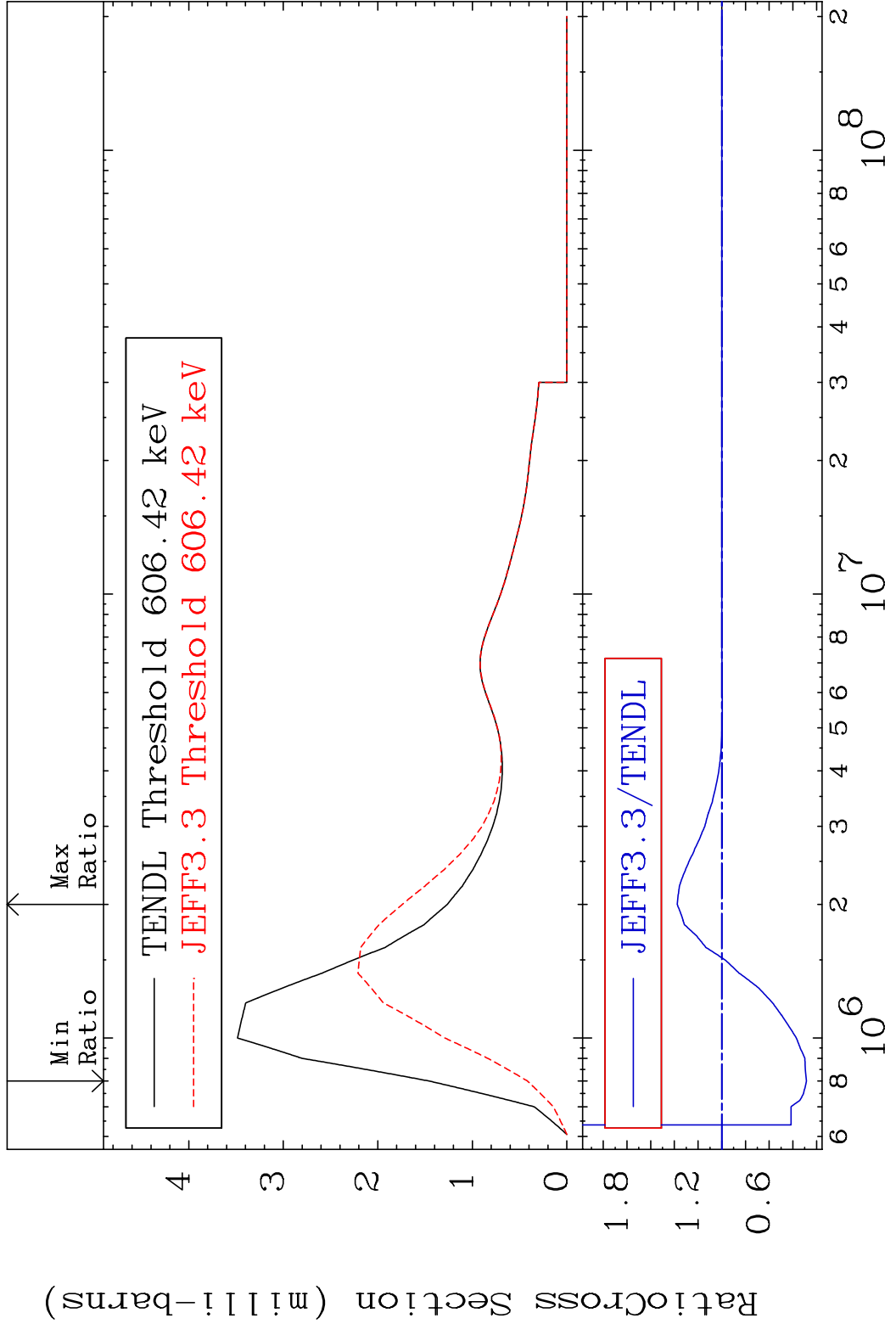
MAT 6925 MT= 65 (n,n') Level 69-Tm-169
 Cross Section -17.69 To 94.16 %



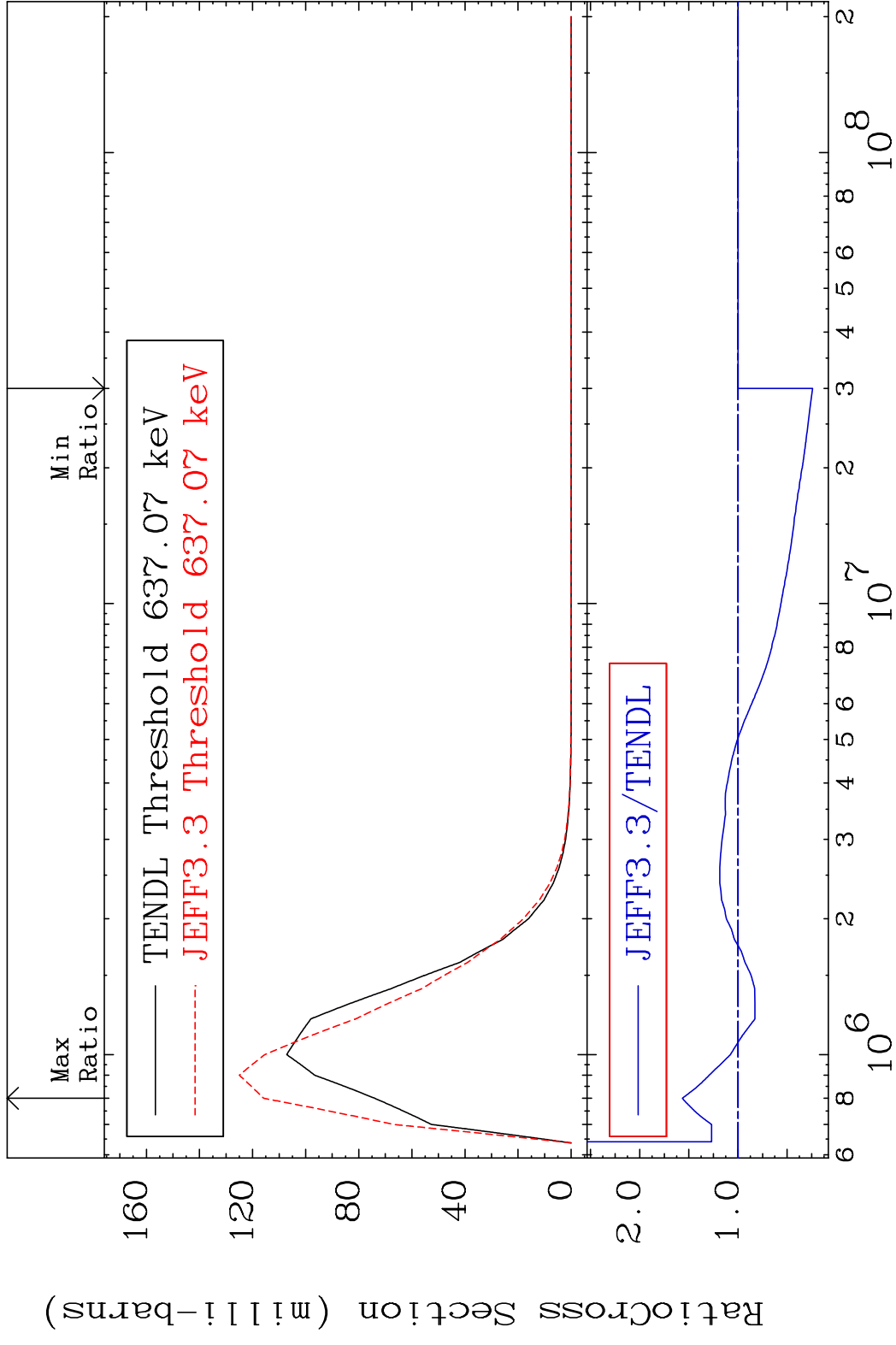
MAT 6925 MT= 66 (n, n') Level 69-Tm-169
 Cross Section -75.75 To 37.38 %



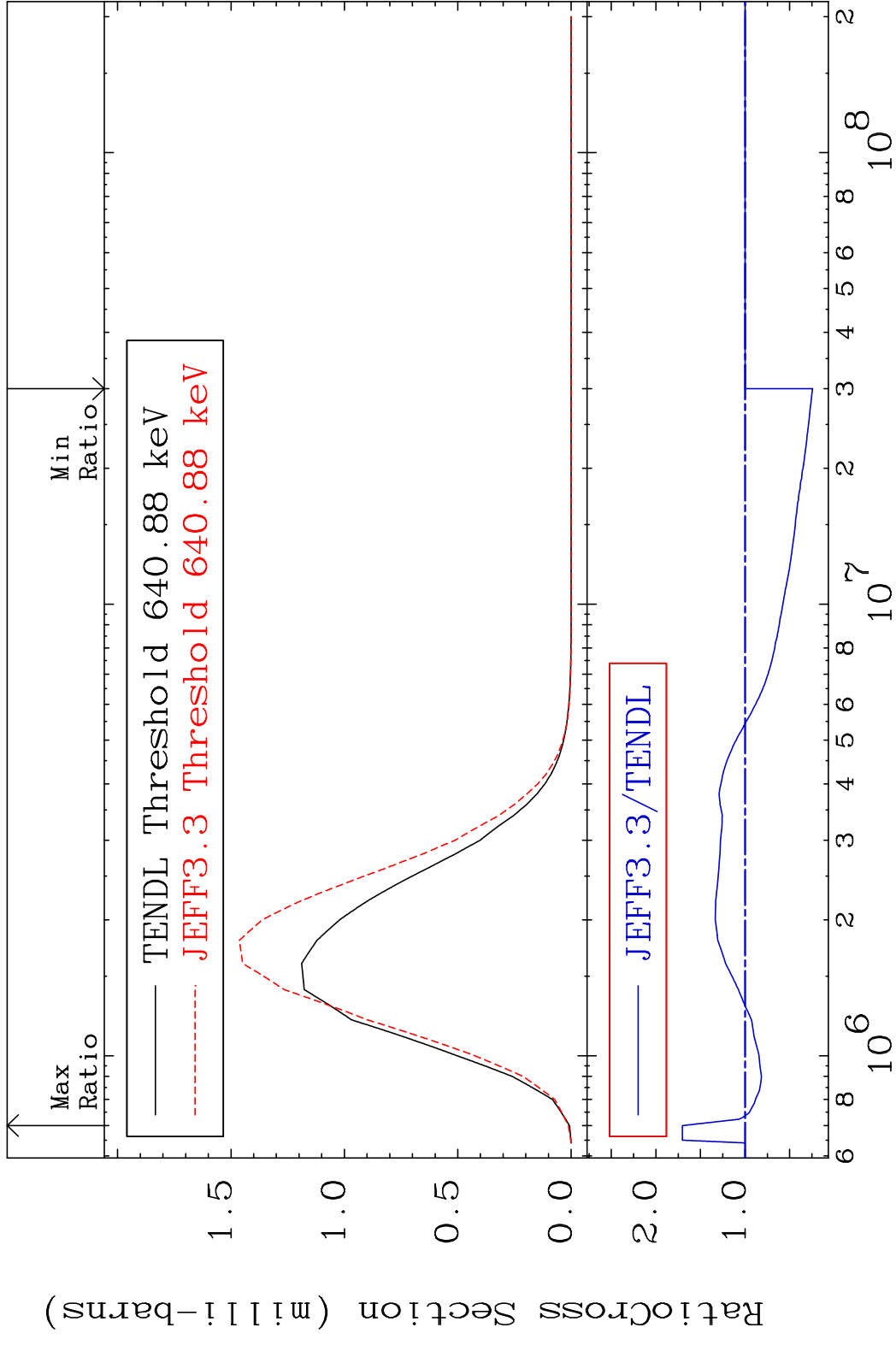
MAT 6925 MT= 67 (n, n') Level 69-Tm-169
 Cross Section -71.40 To 37.64 %



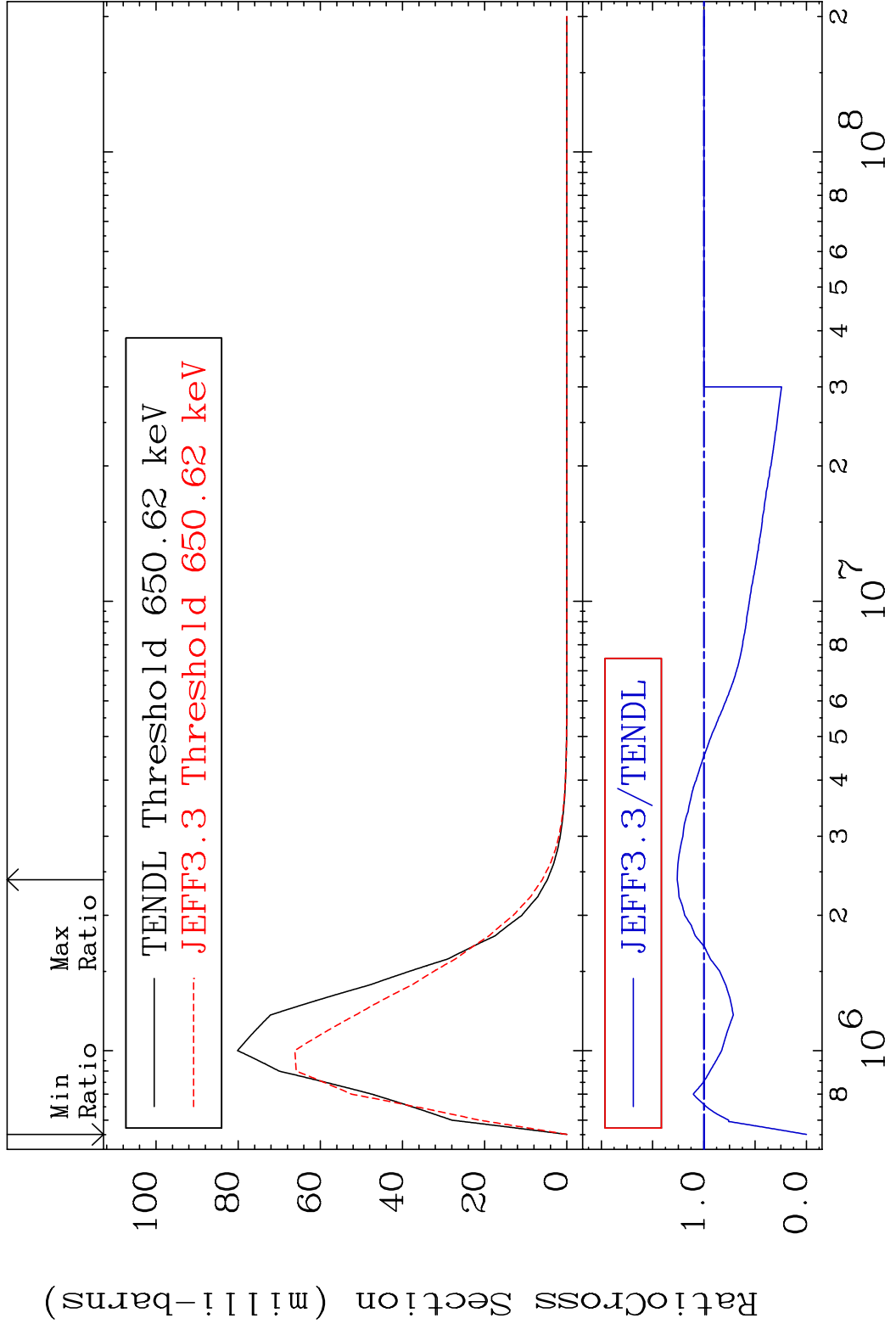
MAT 6925 MT= 68 (n, n') Level 69-Tm-169
 Cross Section -75.86 To 56.63 %



MAT 6925 MT= 69 (n, n') Level 69-Tm-169
 Cross Section -75.71 To 70.33 %

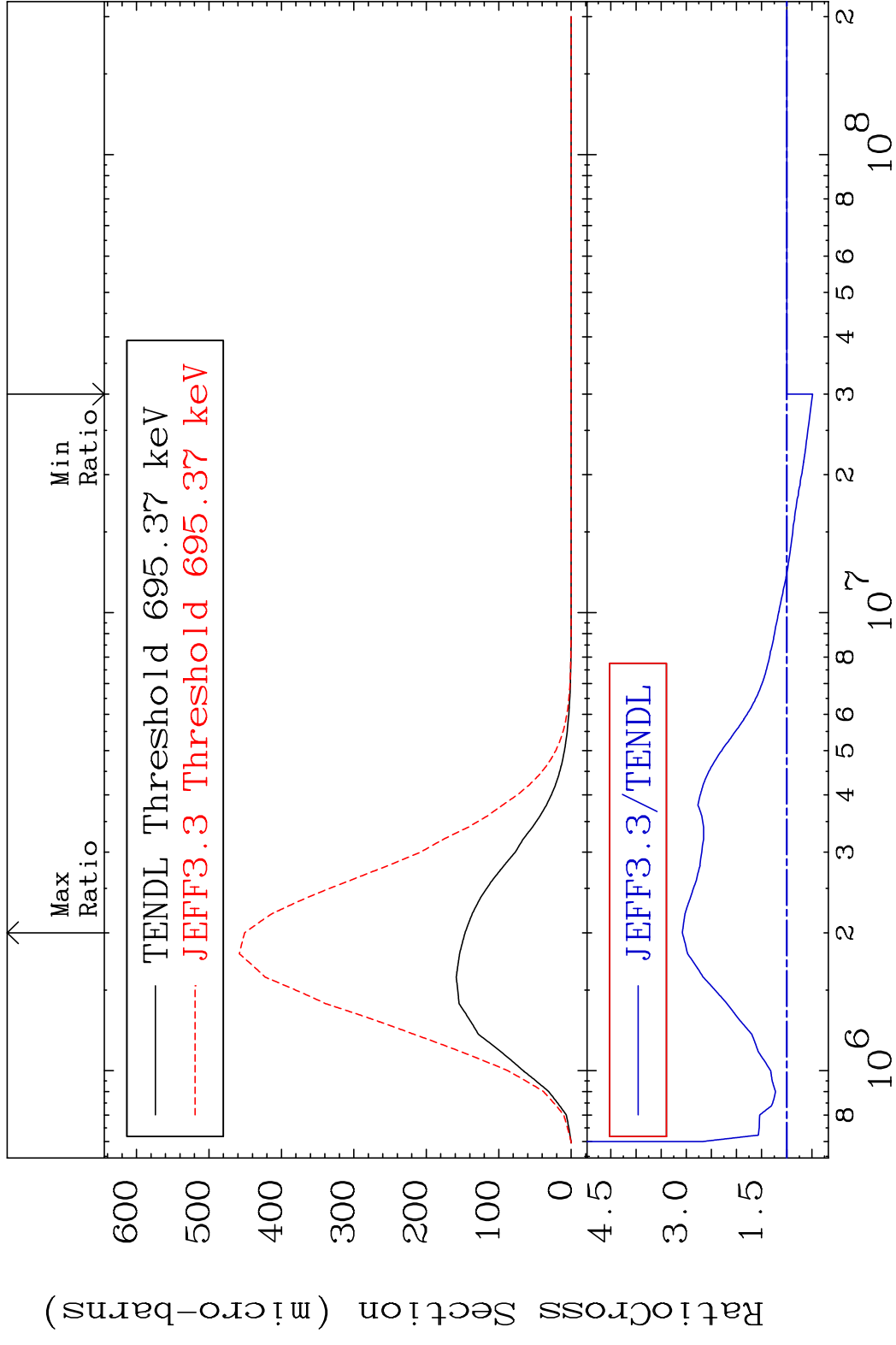


MAT 6925 MT= 70 (n, n') Level 69-Tm-169
 Cross Section -100.0 To 26.03 %

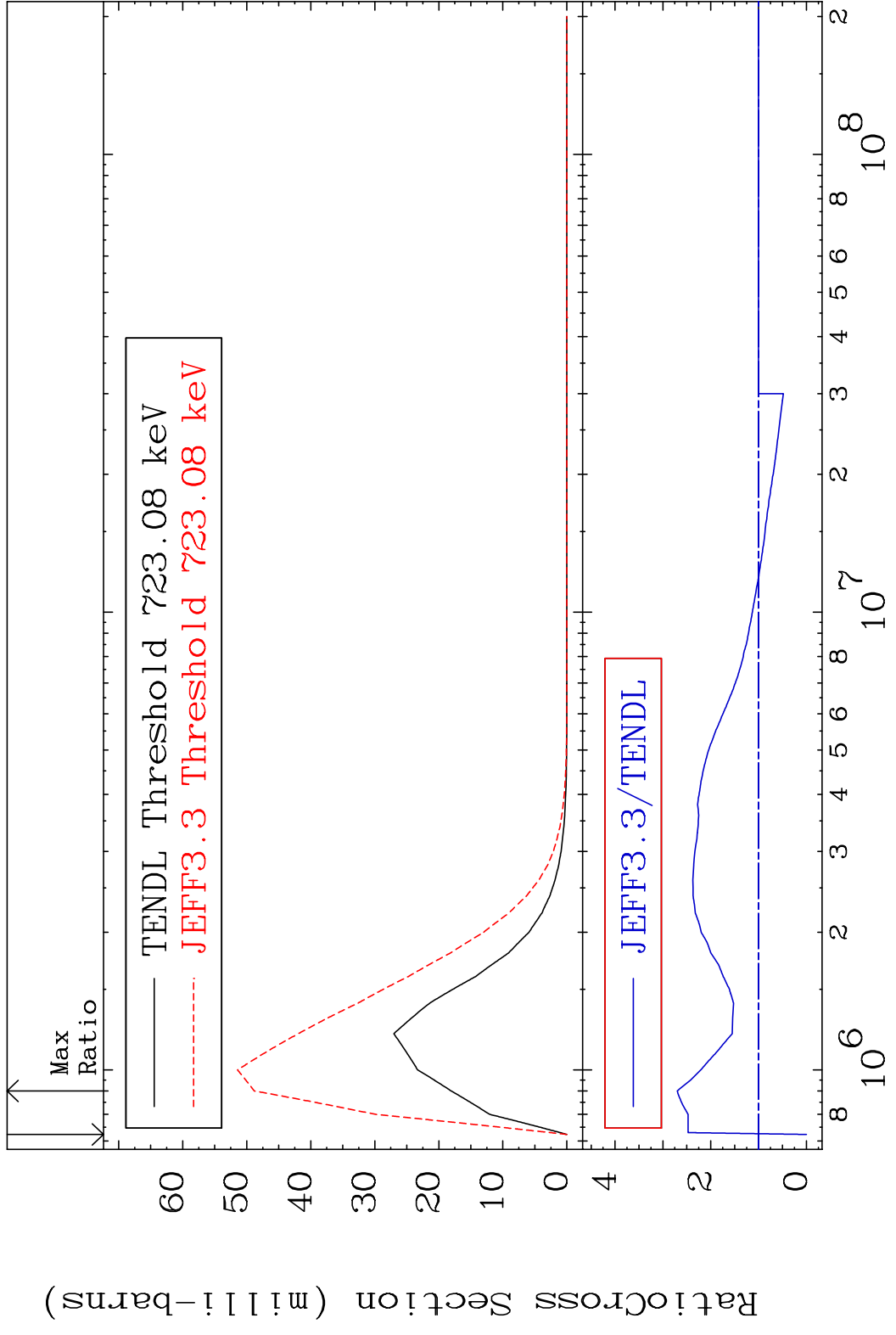


40 10⁴ 10⁶ 10⁸ 2 6 8 10 16 20 26.03 % 69-Tm-169

MAT 6925 MT= 71 (n,n') Level 69-Tm-169
 Cross Section -51.33 To 207.7 %

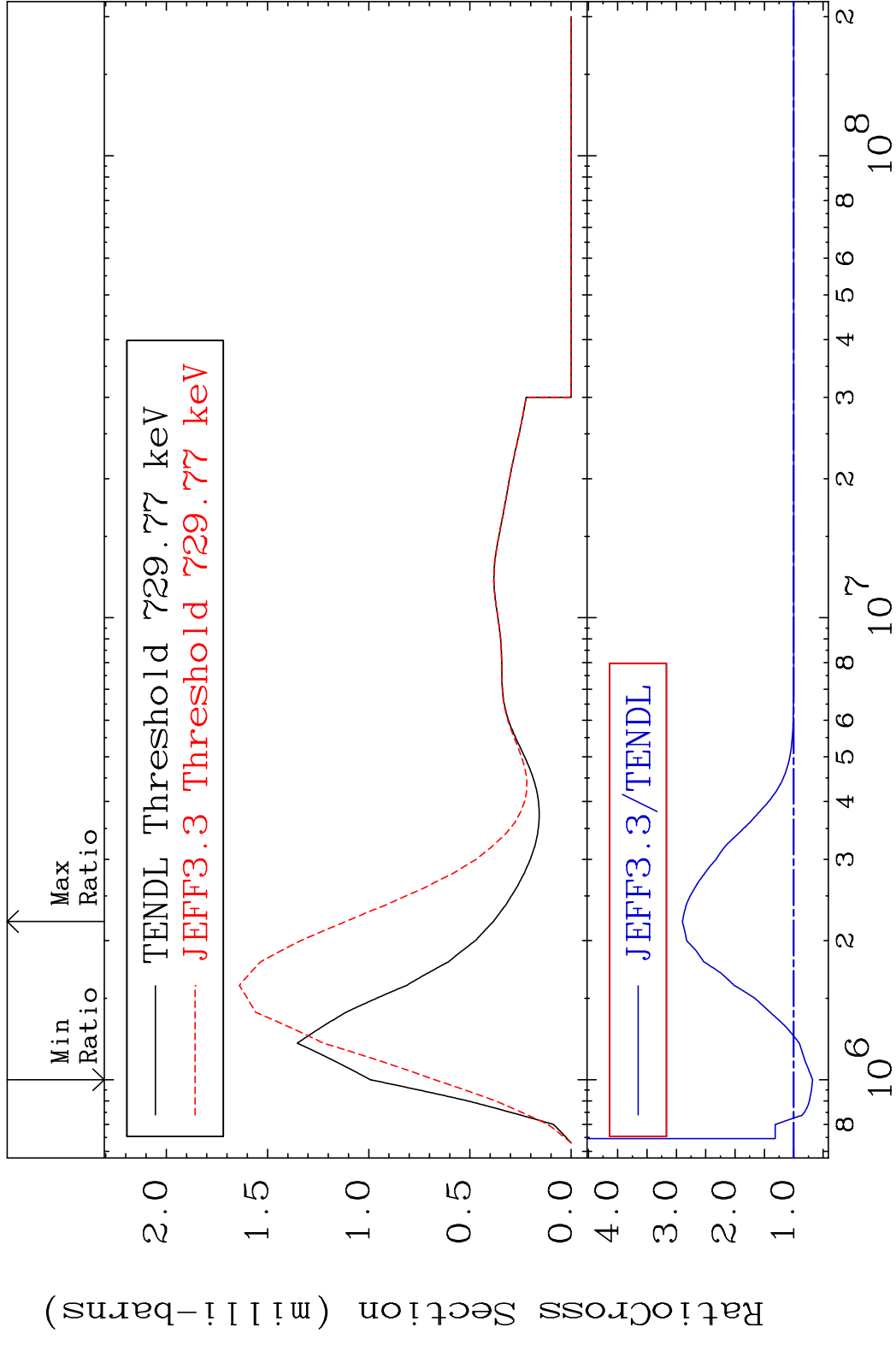


MAT 6925 MT= 72 (n, n') Level 69-Tm-169
 Cross Section -100.0 To 170.1 %

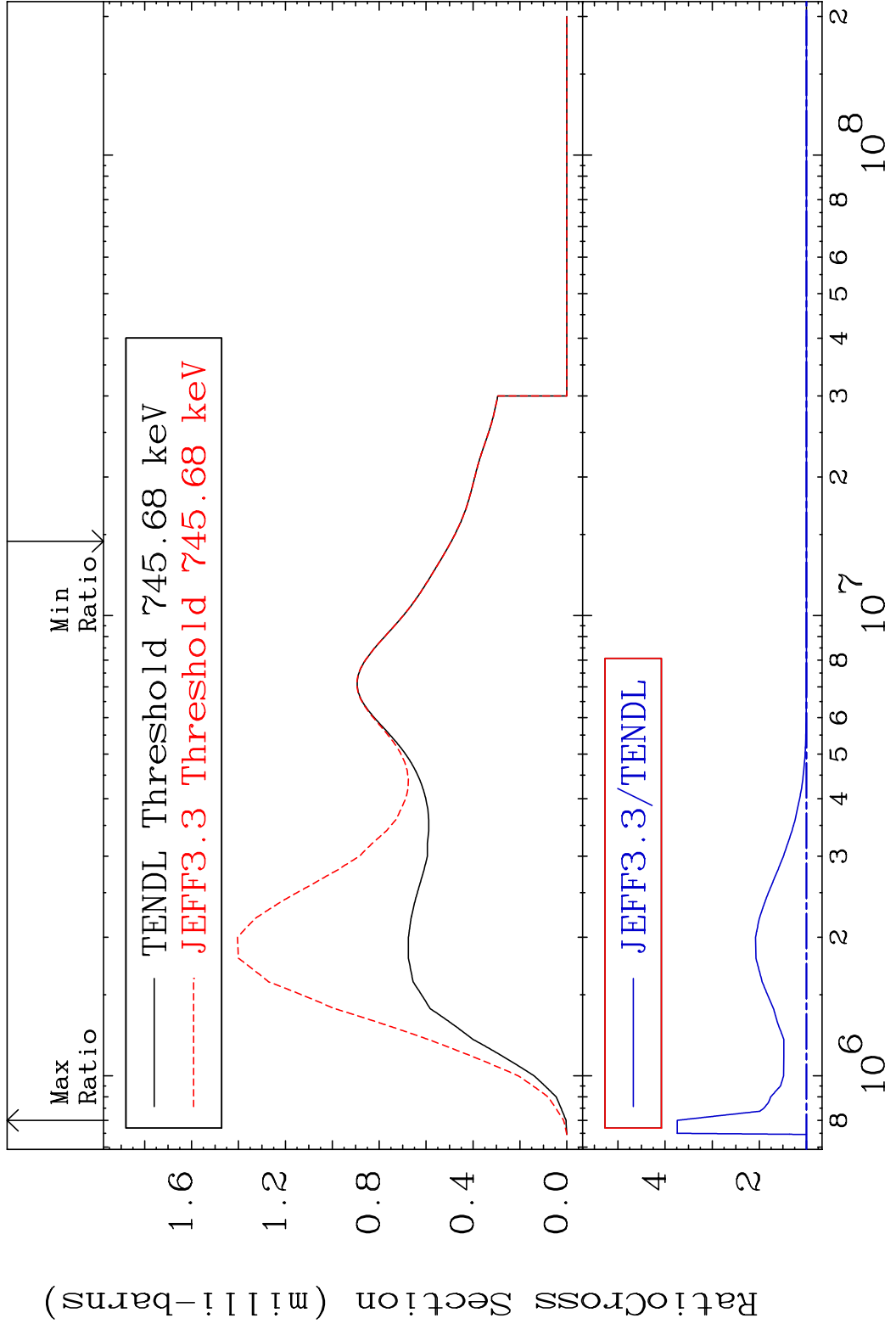


42 Incident Energy (eV) 69-Tm-169

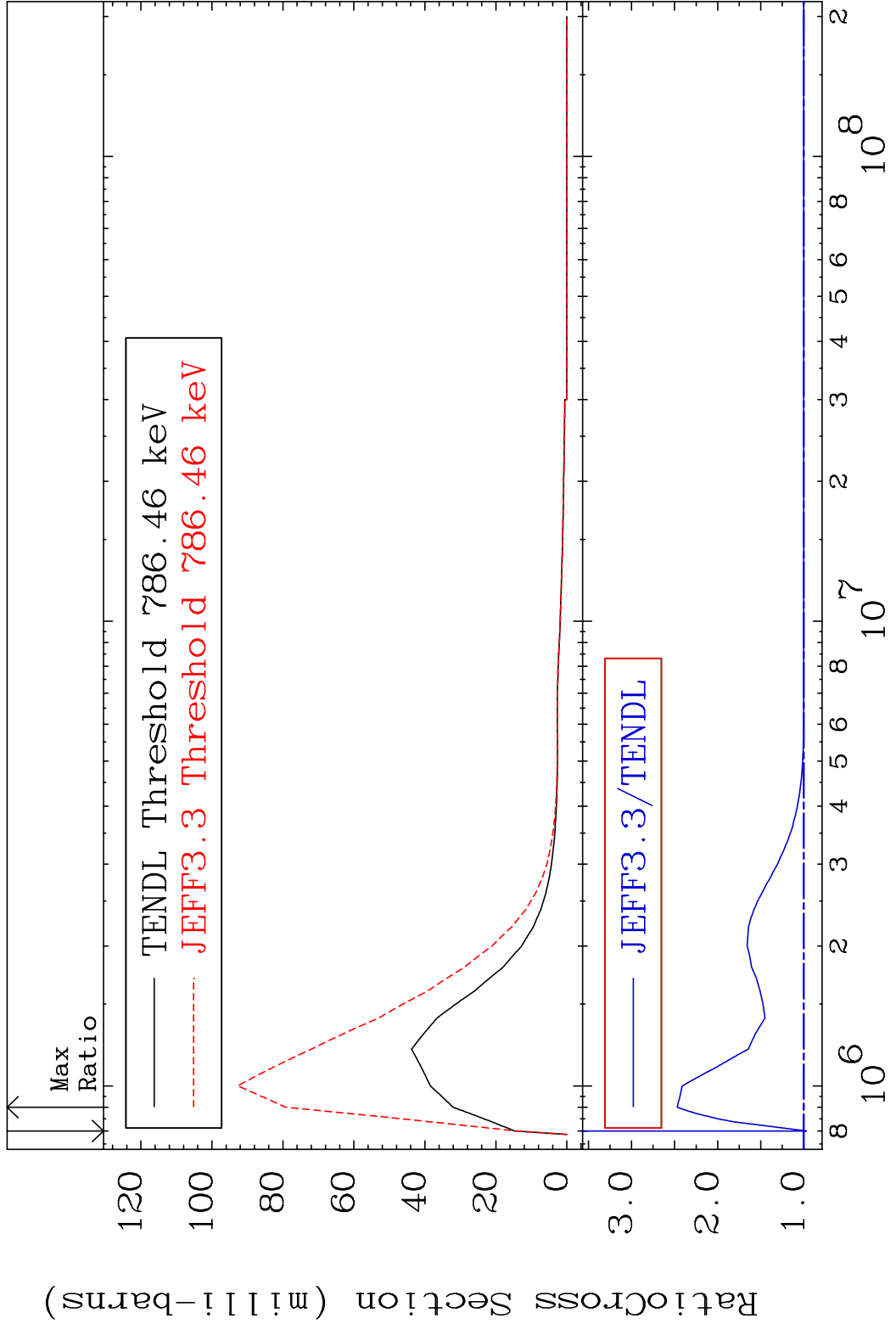
MAT 6925 MT= 73 (n, n') Level 69-Tm-169
 Cross Section -32.07 To 189.8 %



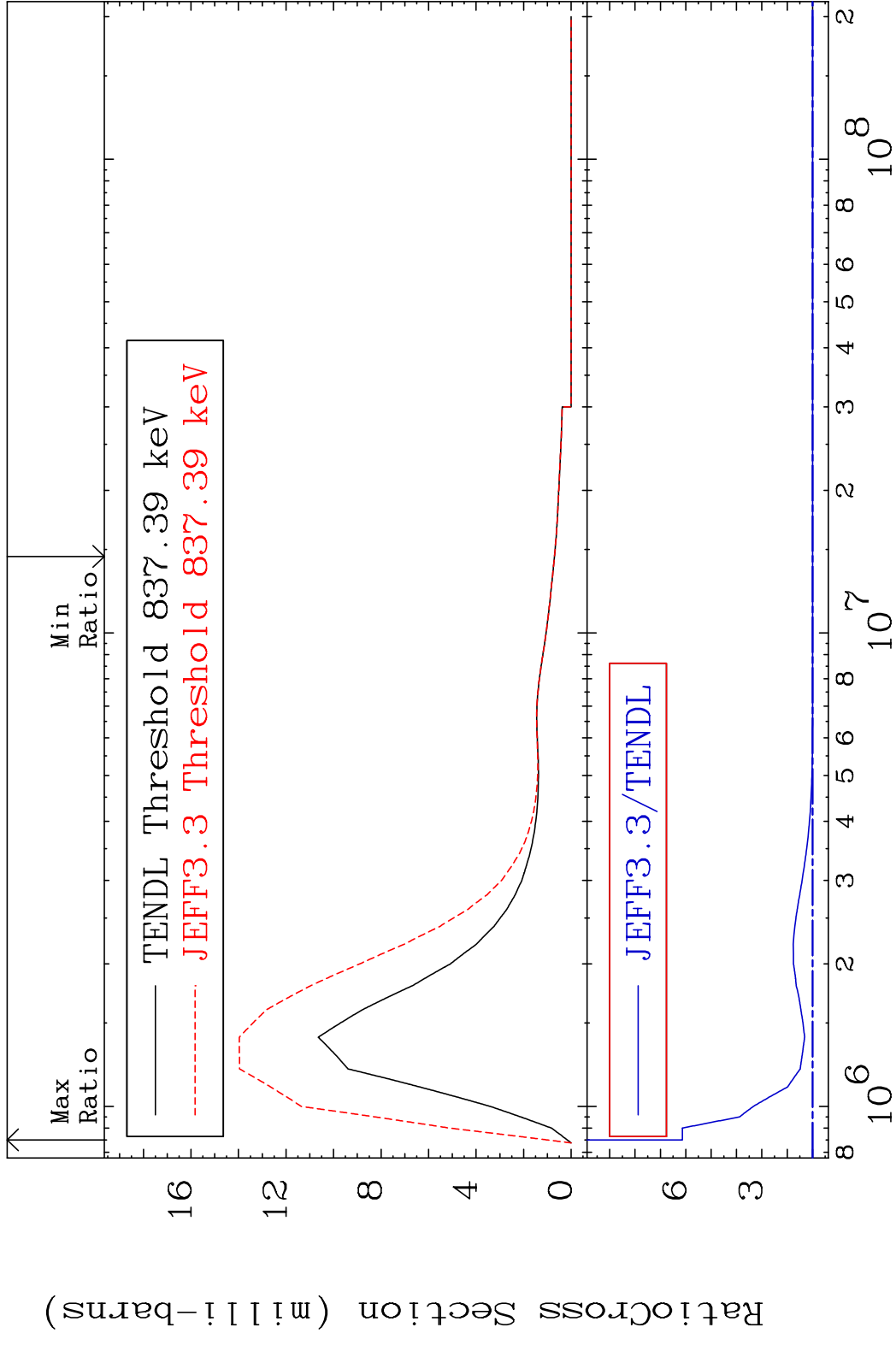
MAT 6925 MT= 74 (n, n') Level 69-Tm-169
 Cross Section 0.000 To 274.3 %



MAT 6925 MT= 75 (n,n') Level 69-Tm-169
 Cross Section -2.965 To 147.0 %

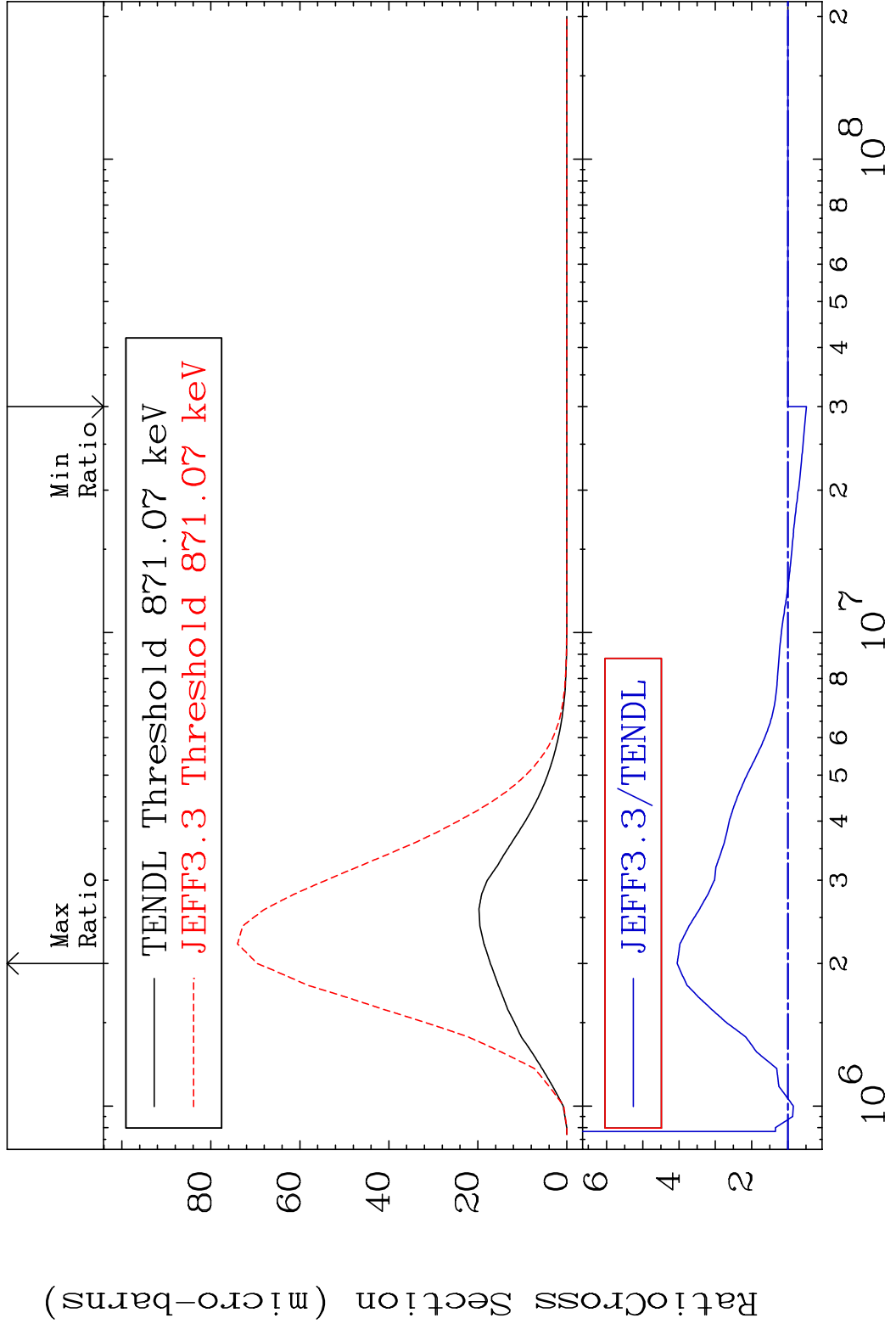


MAT 6925 MT= 76 (n, n') Level 69-Tm-169
 Cross Section 0.000 To 513.5 %



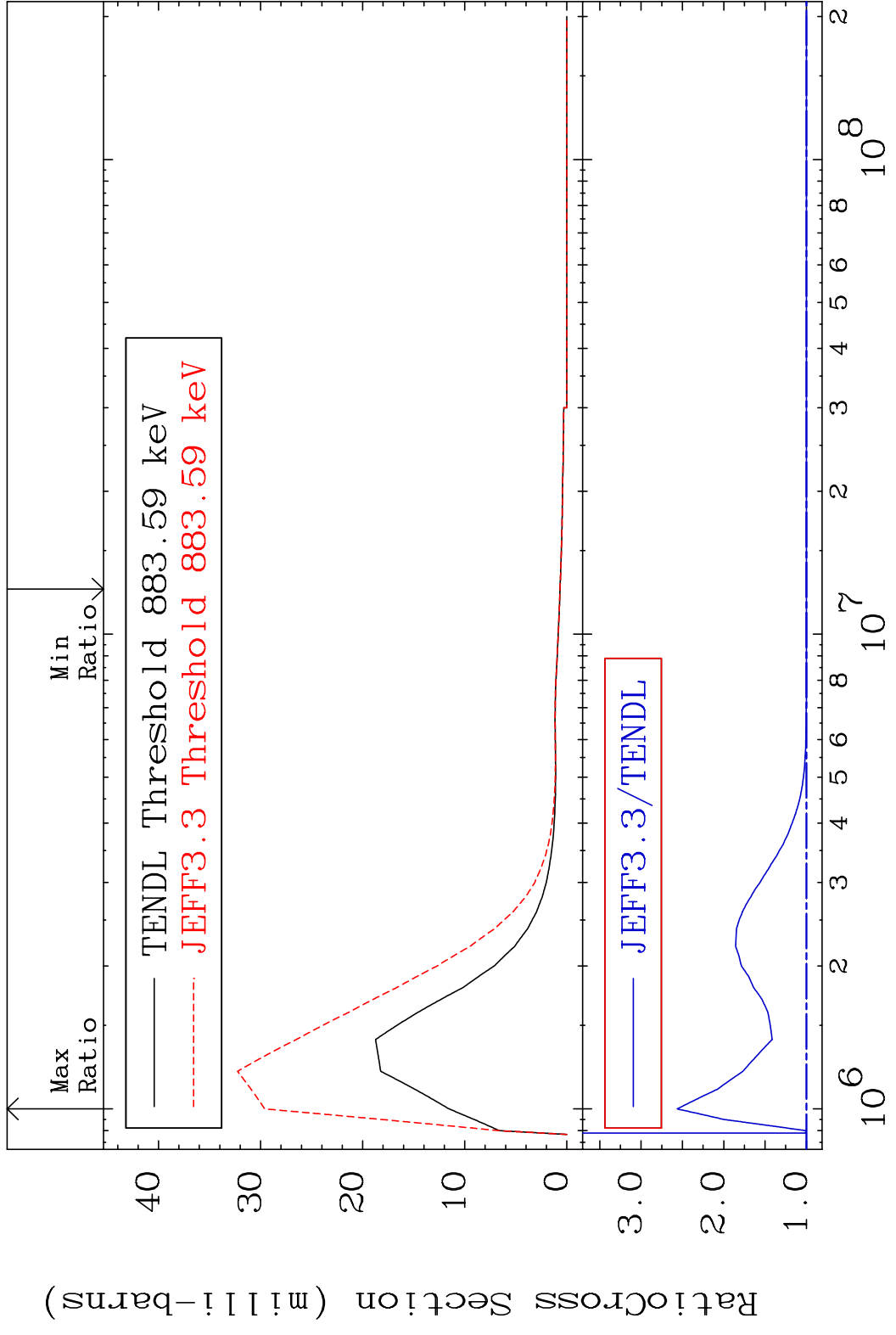
46 Incident Energy (eV) 69-Tm-169

MAT 6925 MT= 77 (n, n') Level 69-Tm-169
 Cross Section -51.15 To 305.1 %



47 Incident Energy (eV) 69-Tm-169

MAT 6925 MT= 78 (n, n') Level 69-Tm-169
 Cross Section 0.000 To 156.4 %



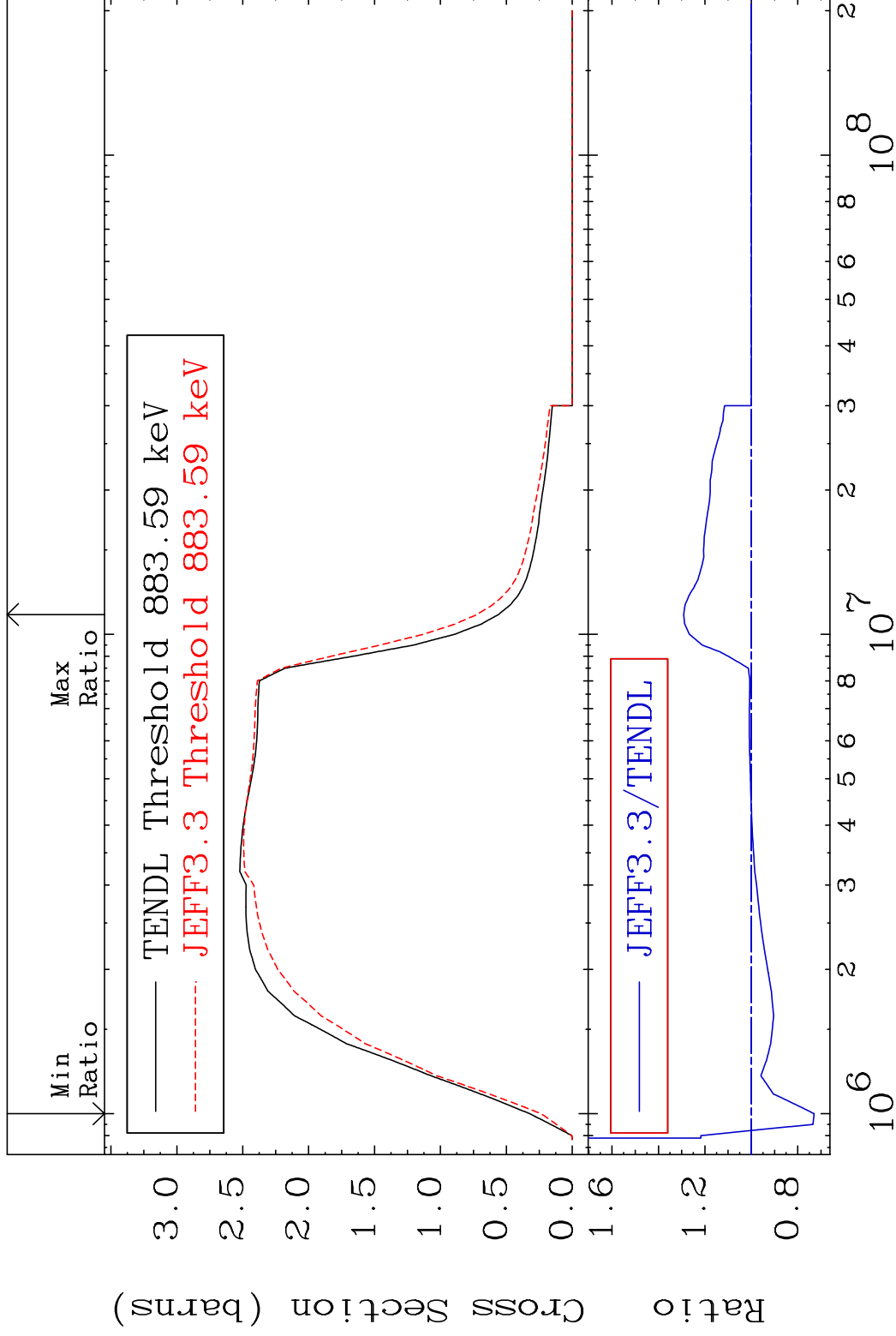
48 Incident Energy (eV) 69-Tm-169

MAT 6925

(n, n') Continuum

69-Tm-169

Cross Section -27.03 To 29.15 %



49

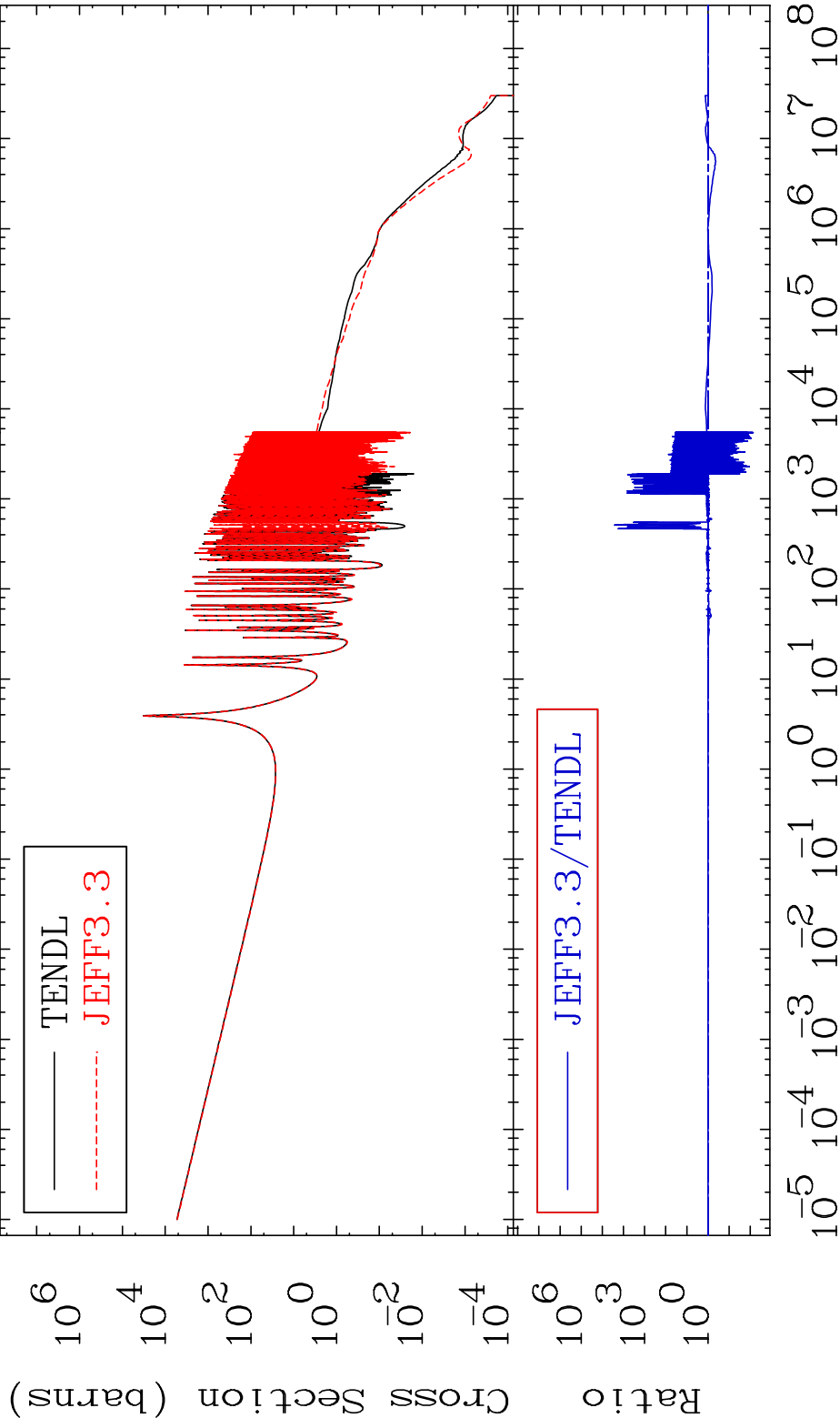
Incident Energy (eV)

69-Tm-169

MAT 6925

(n, γ)
Cross Section -99.27 To 9999. %

69-Tm-169



50

Incident Energy (eV)

69-Tm-169

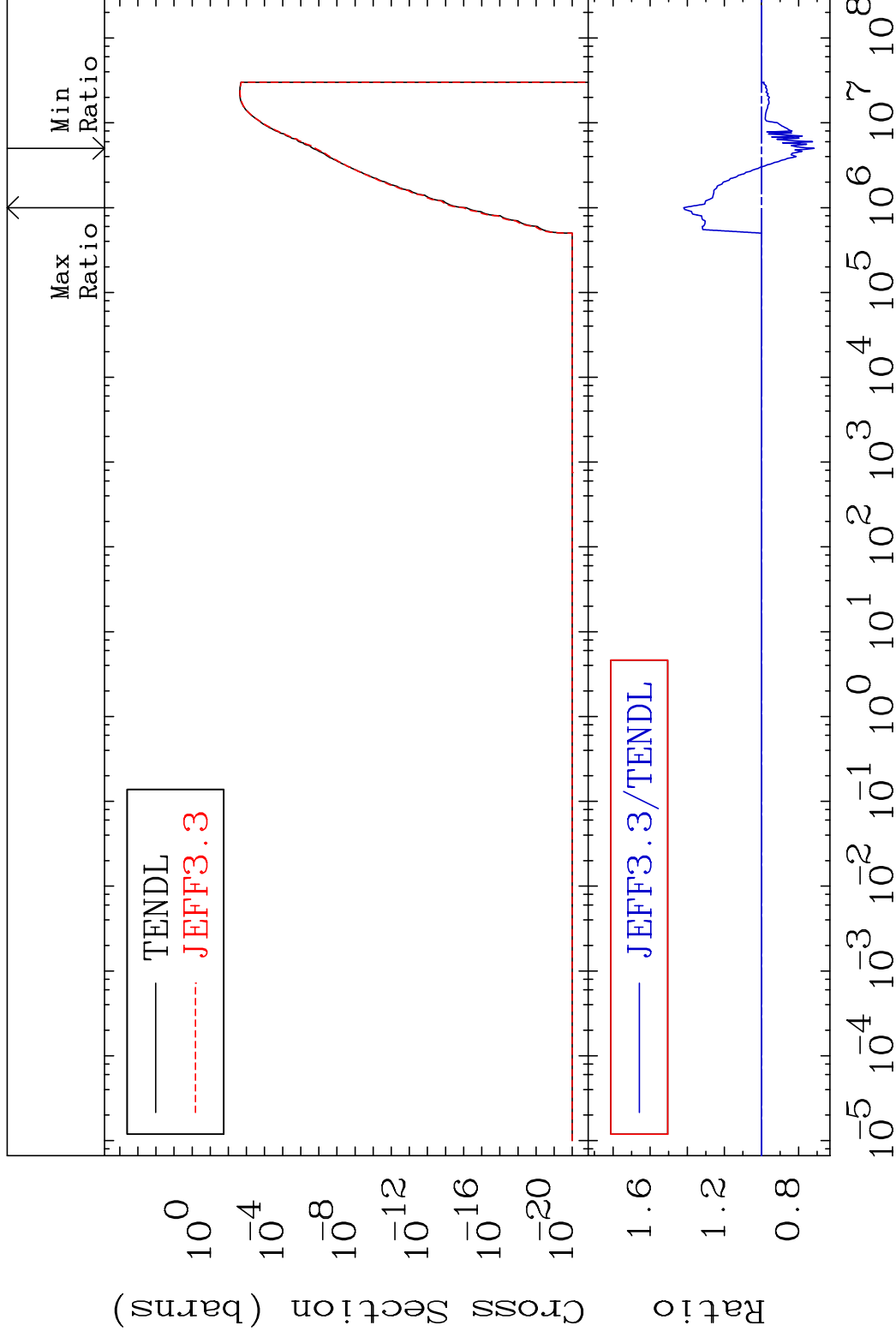
MAT 6925

(n, p)

69-Tm-169

Cross Section

-28.36 To 41.93 %

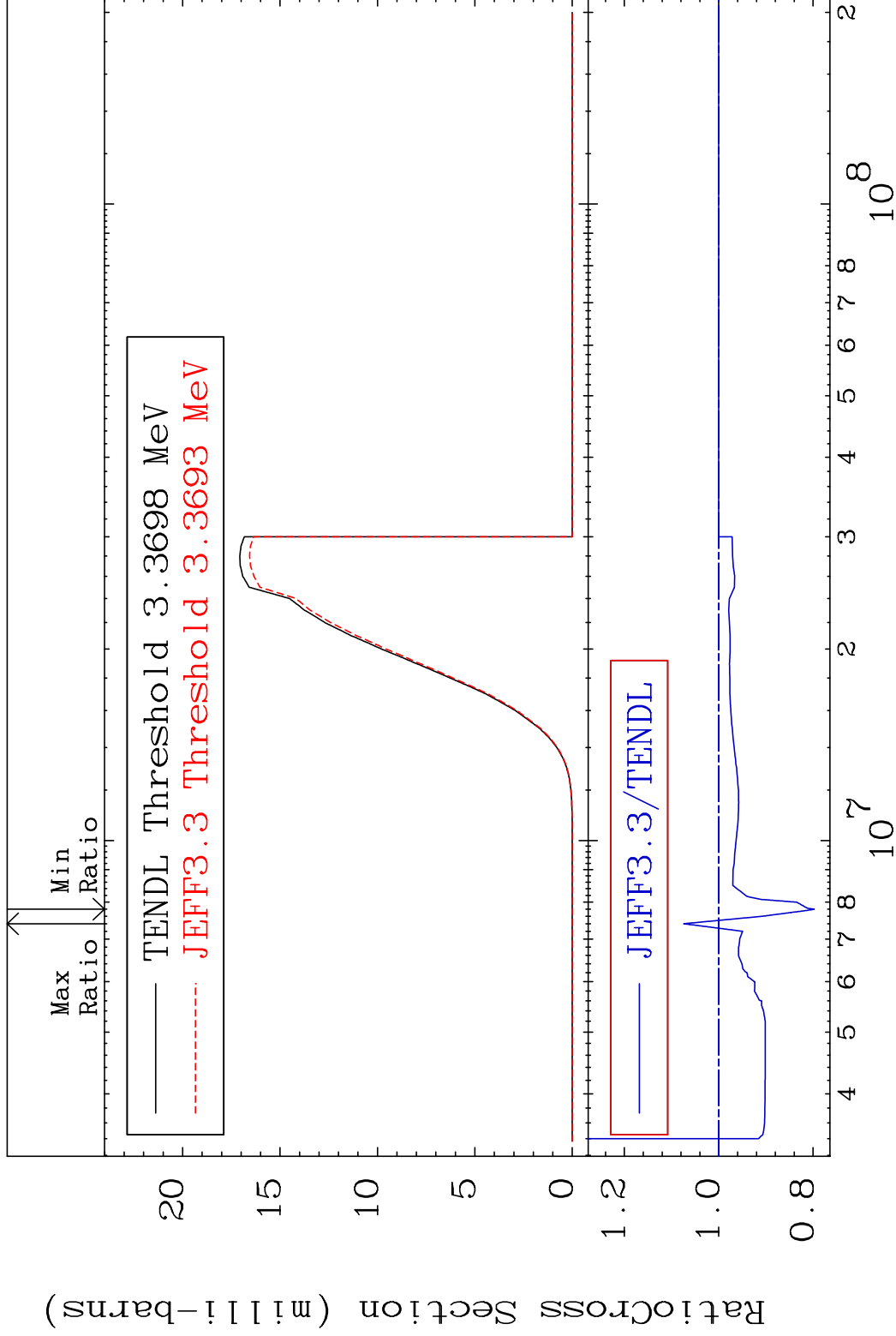


MAT 6925

(n, d)

69-Tm-169

Cross Section -20.21 To 7.437 %

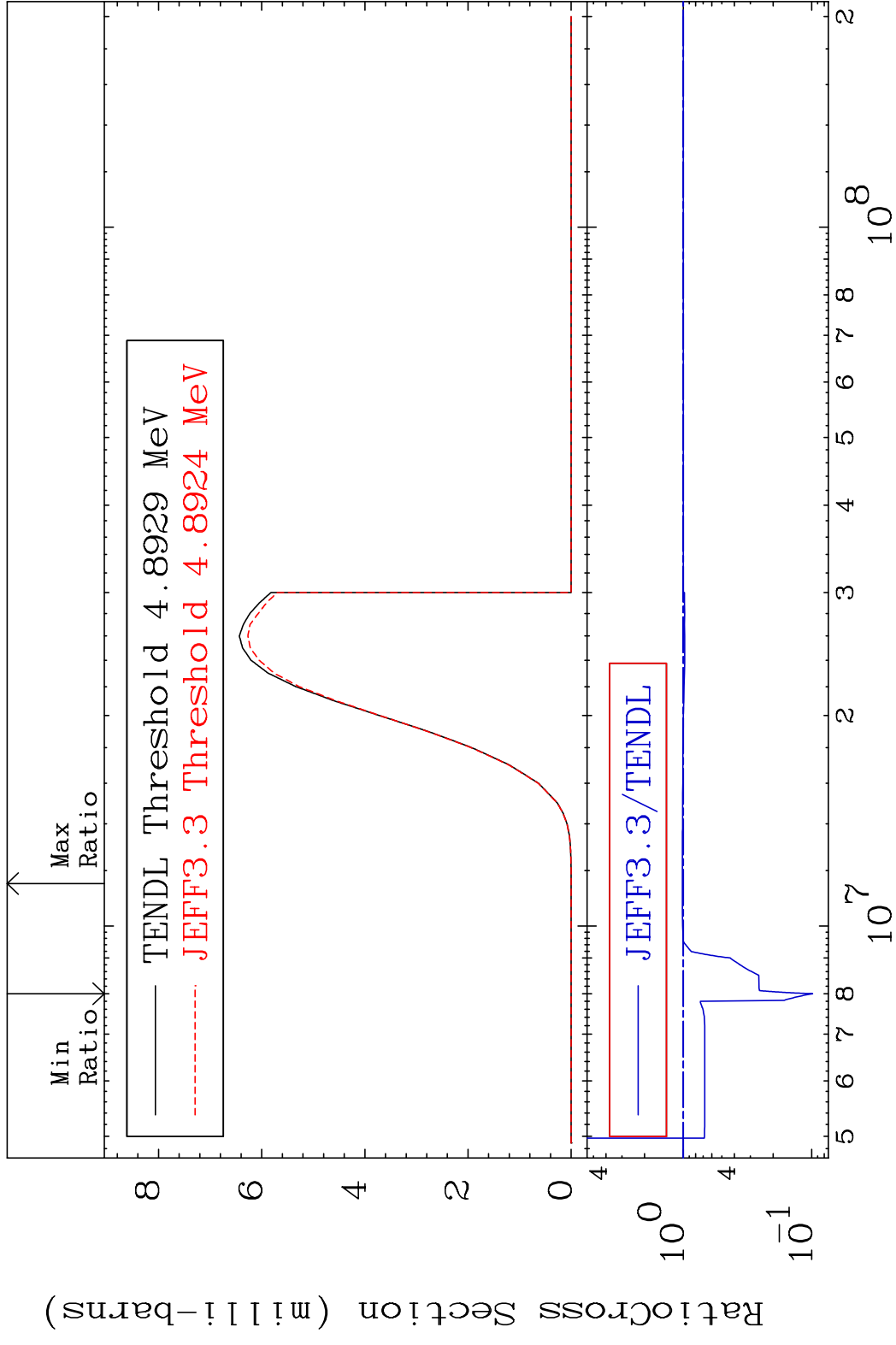


52

Incident Energy (eV)

69-Tm-169

MAT 6925 (n, t) 69-Tm-169
 Cross Section -90.15 To 1.678 %

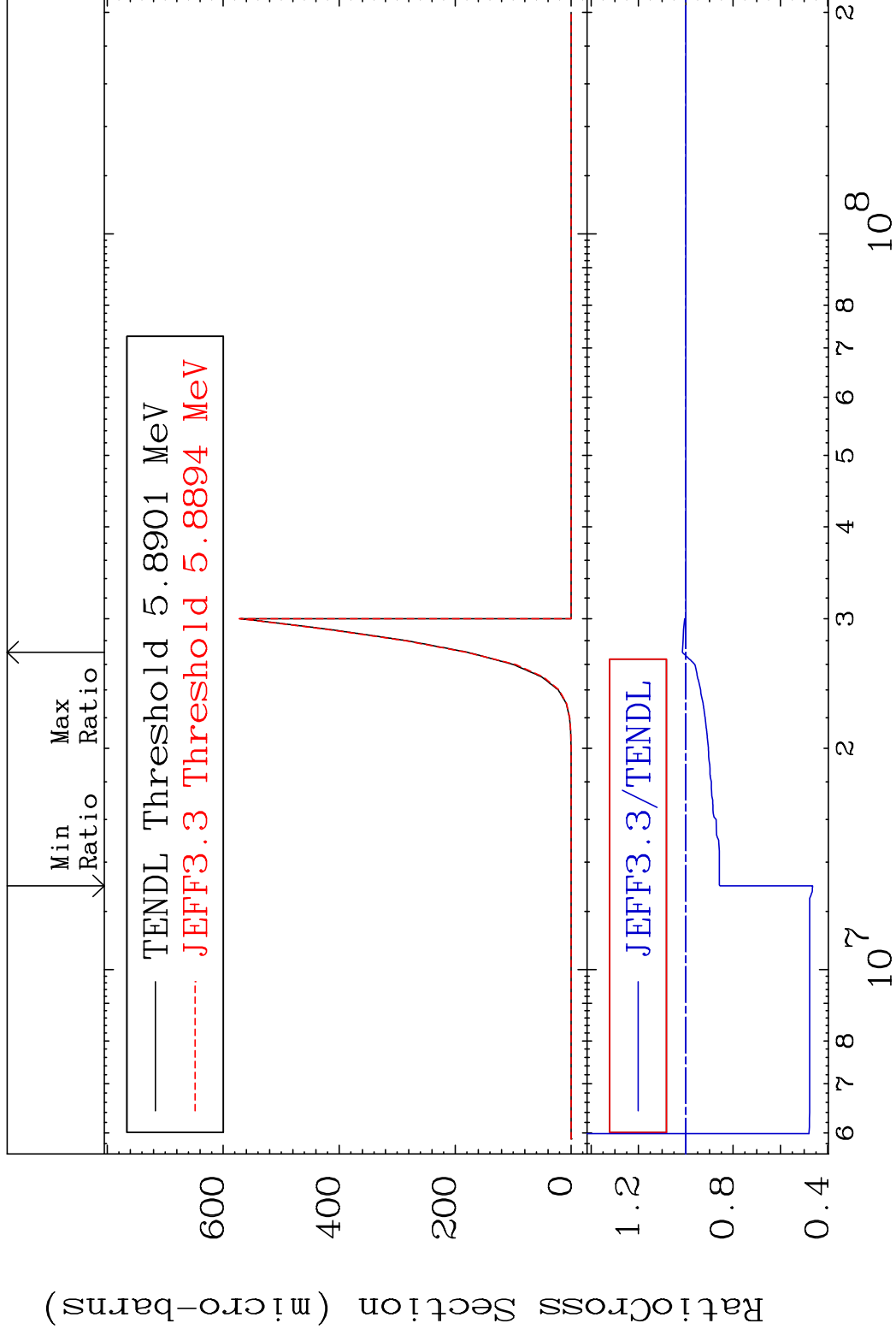


MAT 6925

(n, He-3)

69-Tm-169

Cross Section -53.58 To 1.456 %



54

Incident Energy (eV)

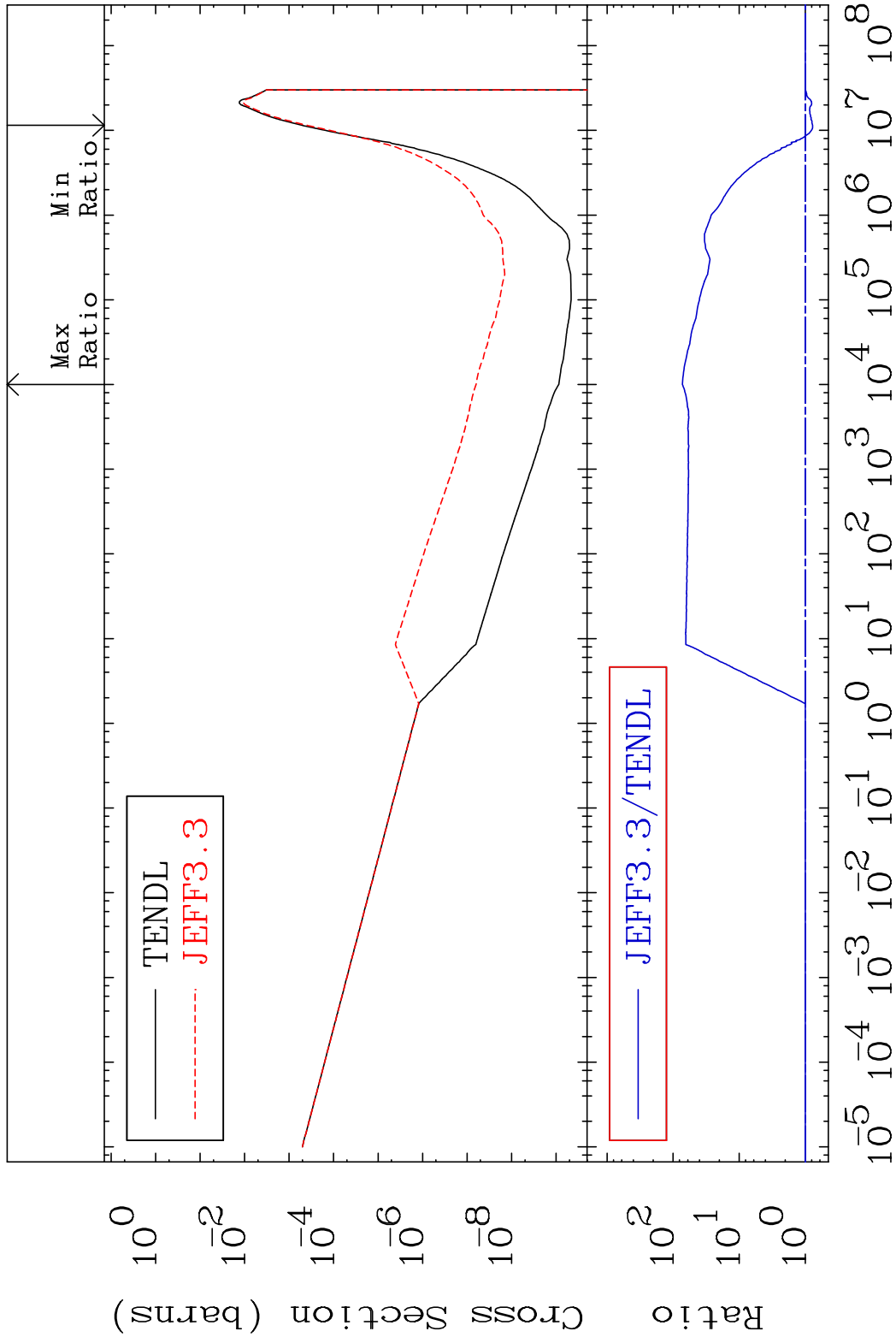
69-Tm-169

MAT 6925

(n, α)

69-Tm-169

Cross Section -22.54 To 7151. %



55

Incident Energy (eV)

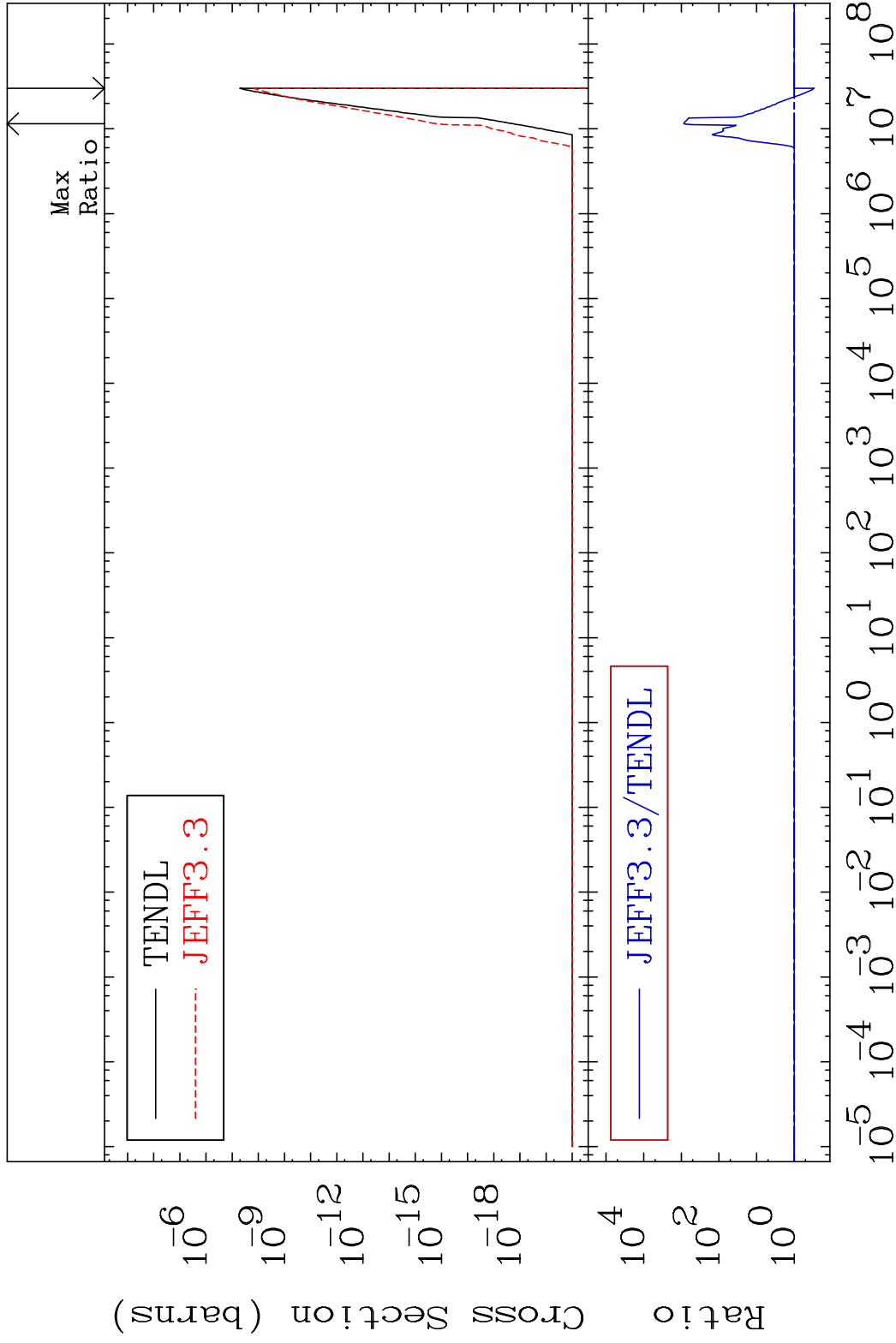
69-Tm-169

MAT 6925

(n, 2α)

69-Tm-169

Cross Section -70.35 To 9999. %



56

Incident Energy (eV)

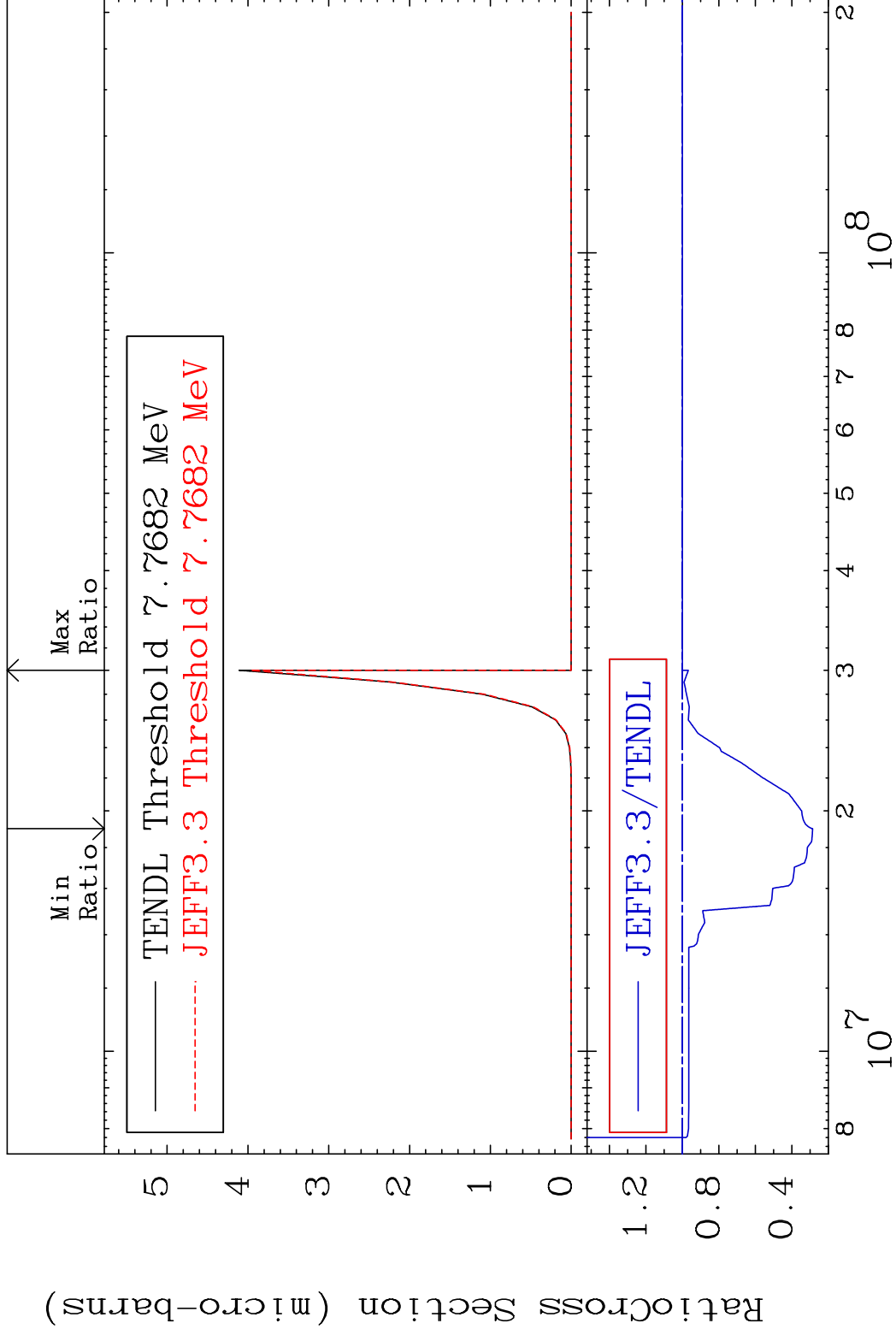
69-Tm-169

MAT 6925

(n,2p)

69-Tm-169

Cross Section -71.38 To 0.000 %



57

Incident Energy (eV)

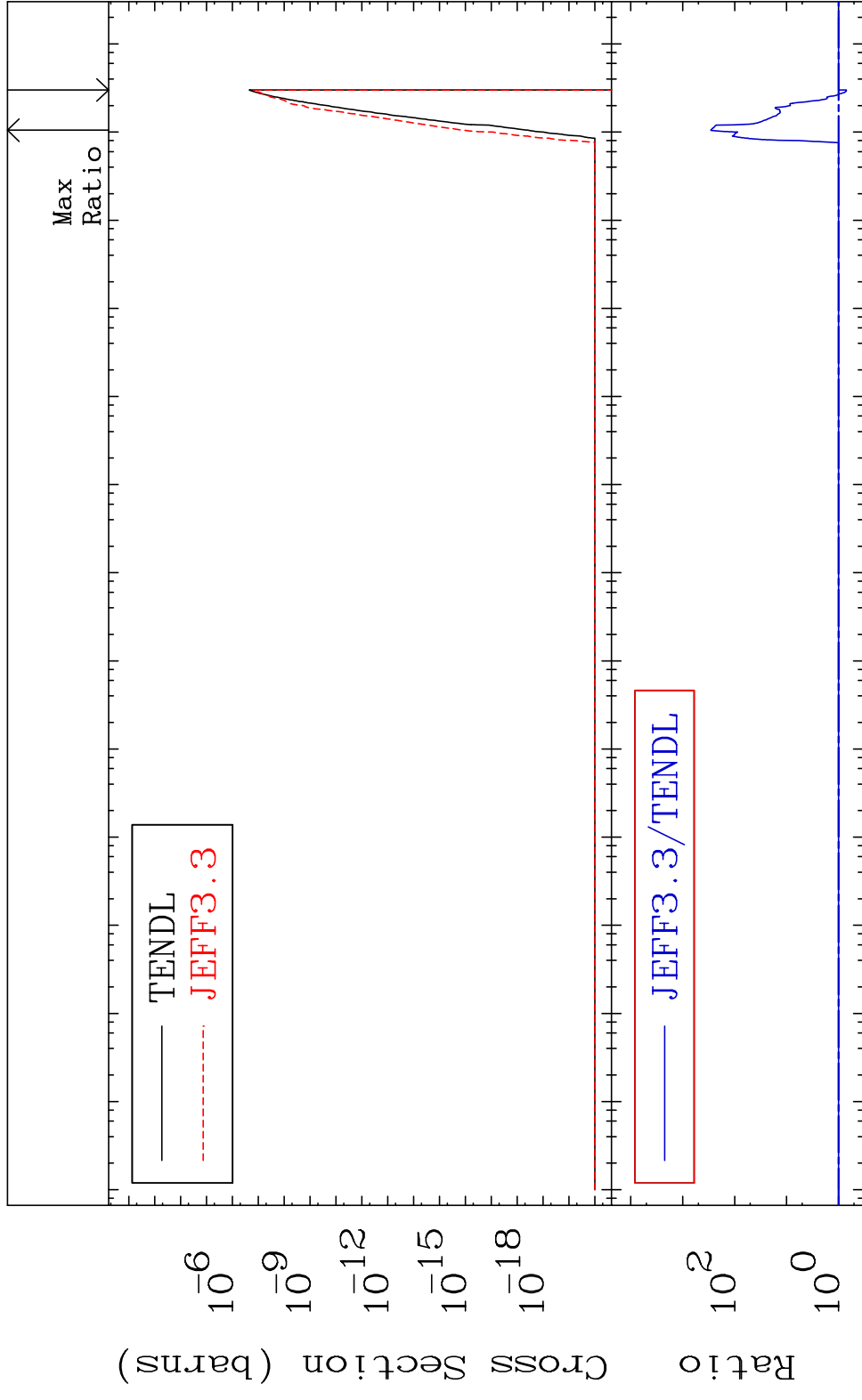
69-Tm-169

MAT 6925

(n,p) α

69-Tm-169

Cross Section -29.44 To 9999. %

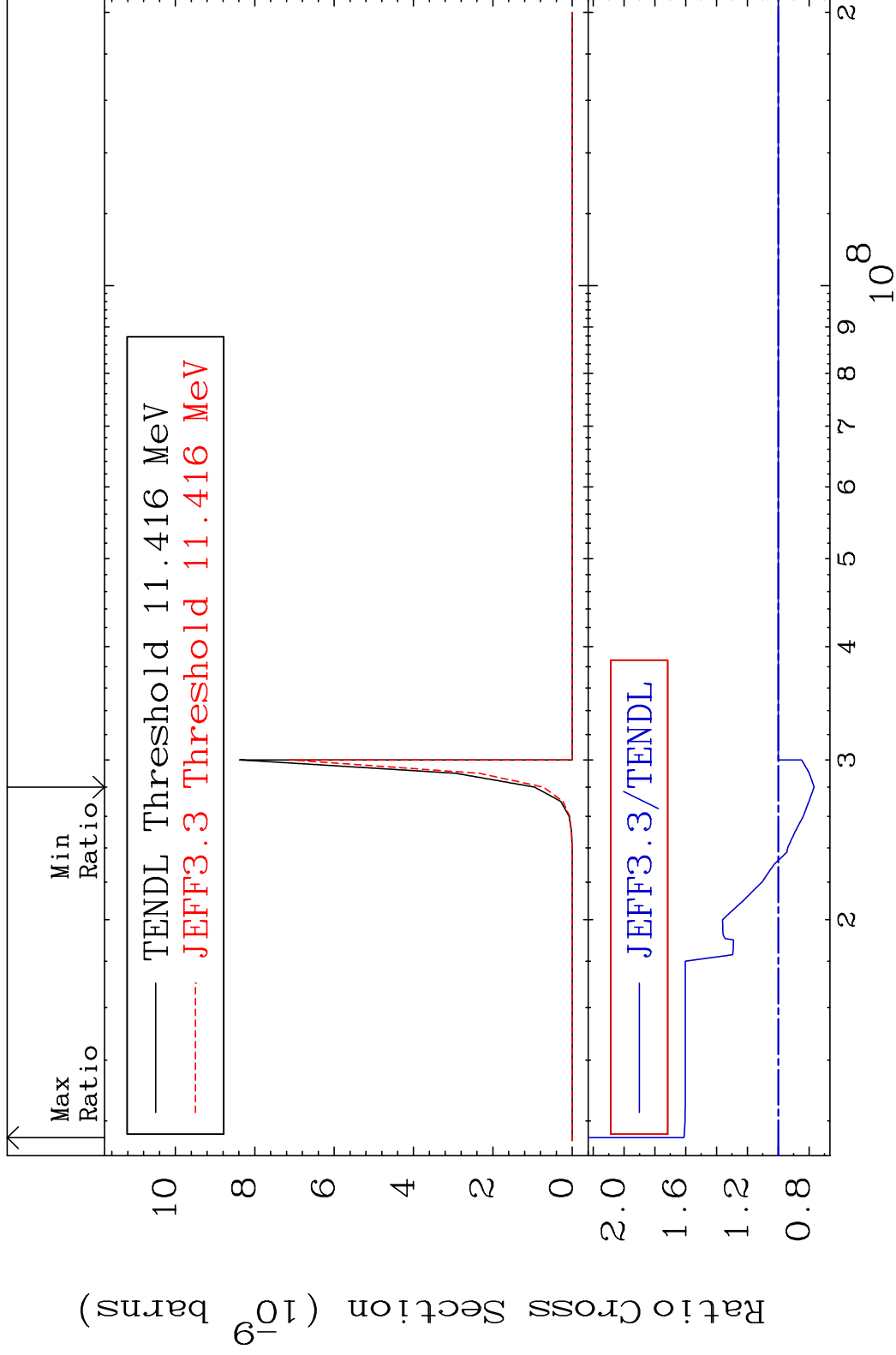


MAT 6925

(n,p) d

69-Tm-169

Cross Section -23.27 To 61.35 %

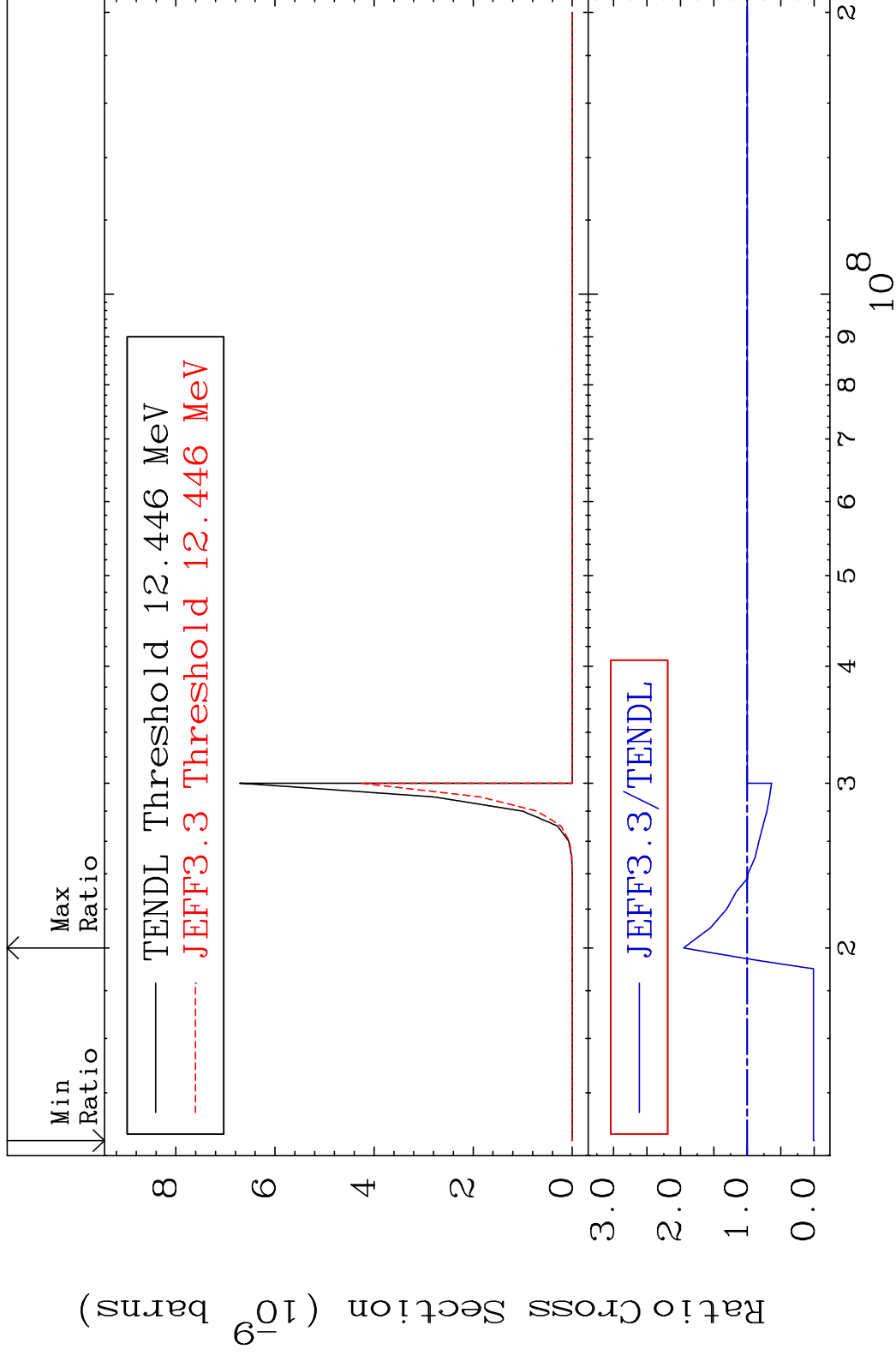


MAT 6925

(n,p) t

69-Tm-169

Cross Section -100.0 To 95.16 %



60

Incident Energy (eV)

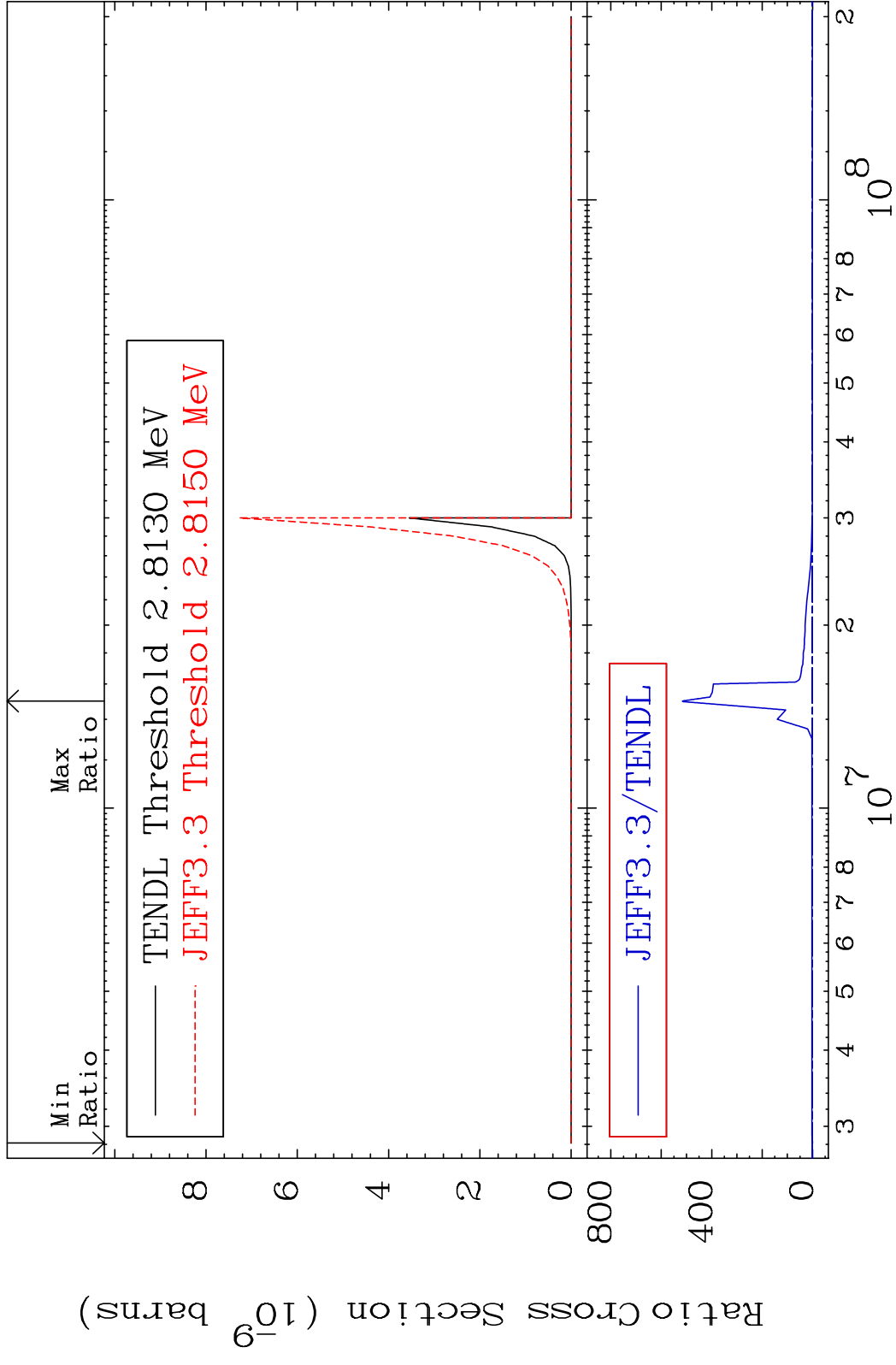
69-Tm-169

MAT 6925

(n, d) α

69-Tm-169

Cross Section -100.0 To 9999. %



61

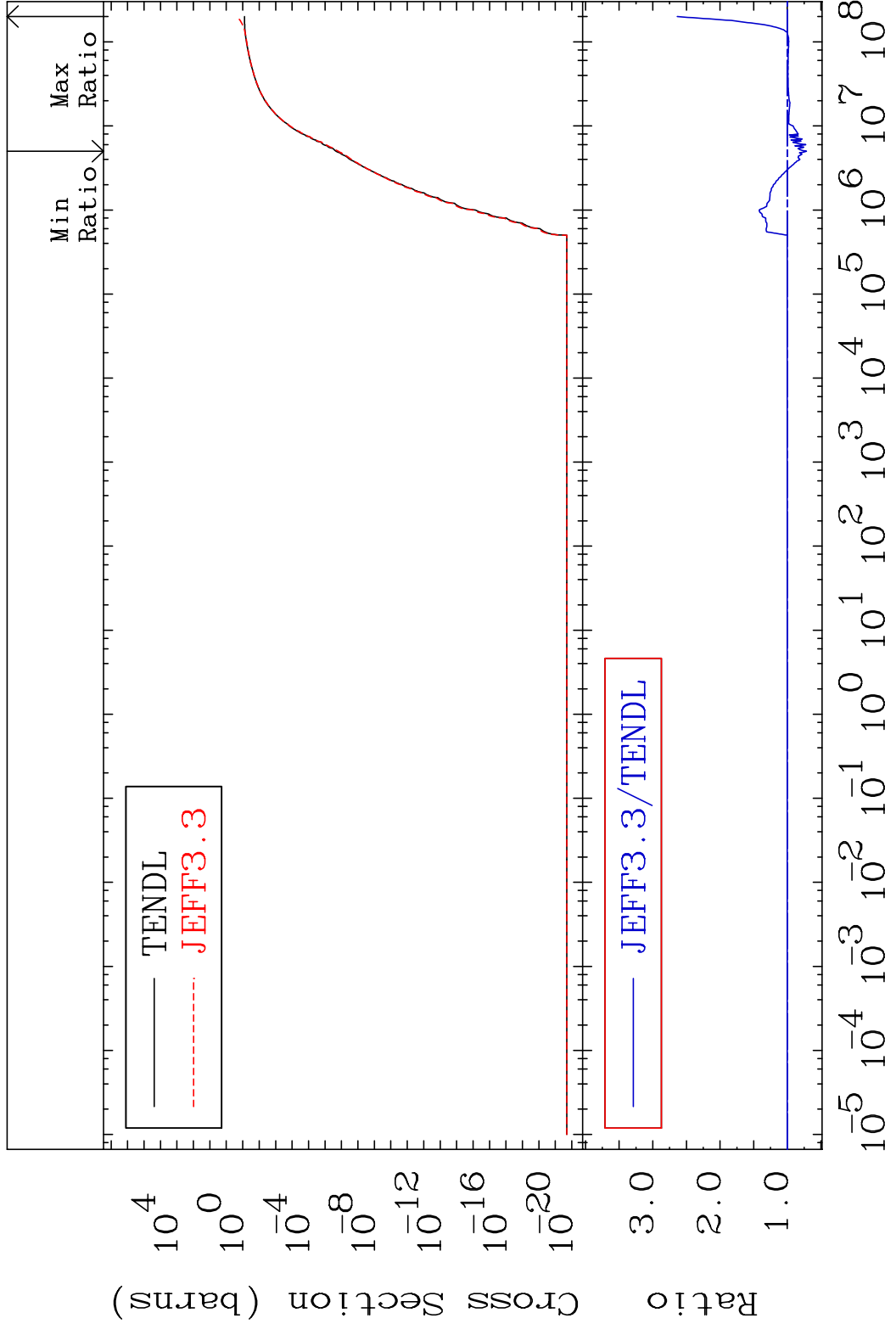
Incident Energy (eV)

69-Tm-169

MAT 6925

Hydrogen Production
Cross Section -28.36 To 163.7 %

69-Tm-169



62

Incident Energy (eV)

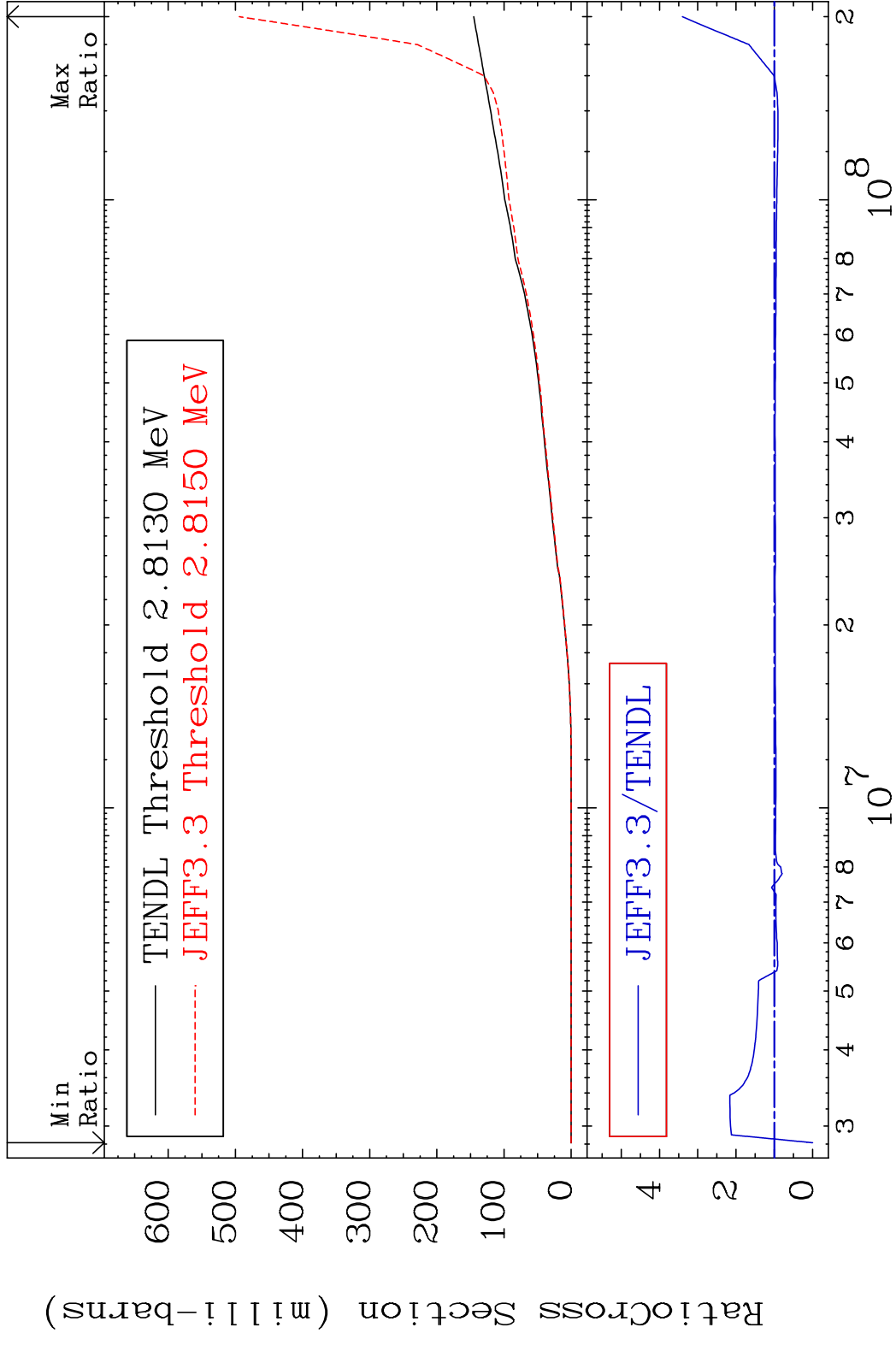
69-Tm-169

MAT 6925

Deuterium Production

69-Tm-169

Cross Section -100.0 To 240.3 %

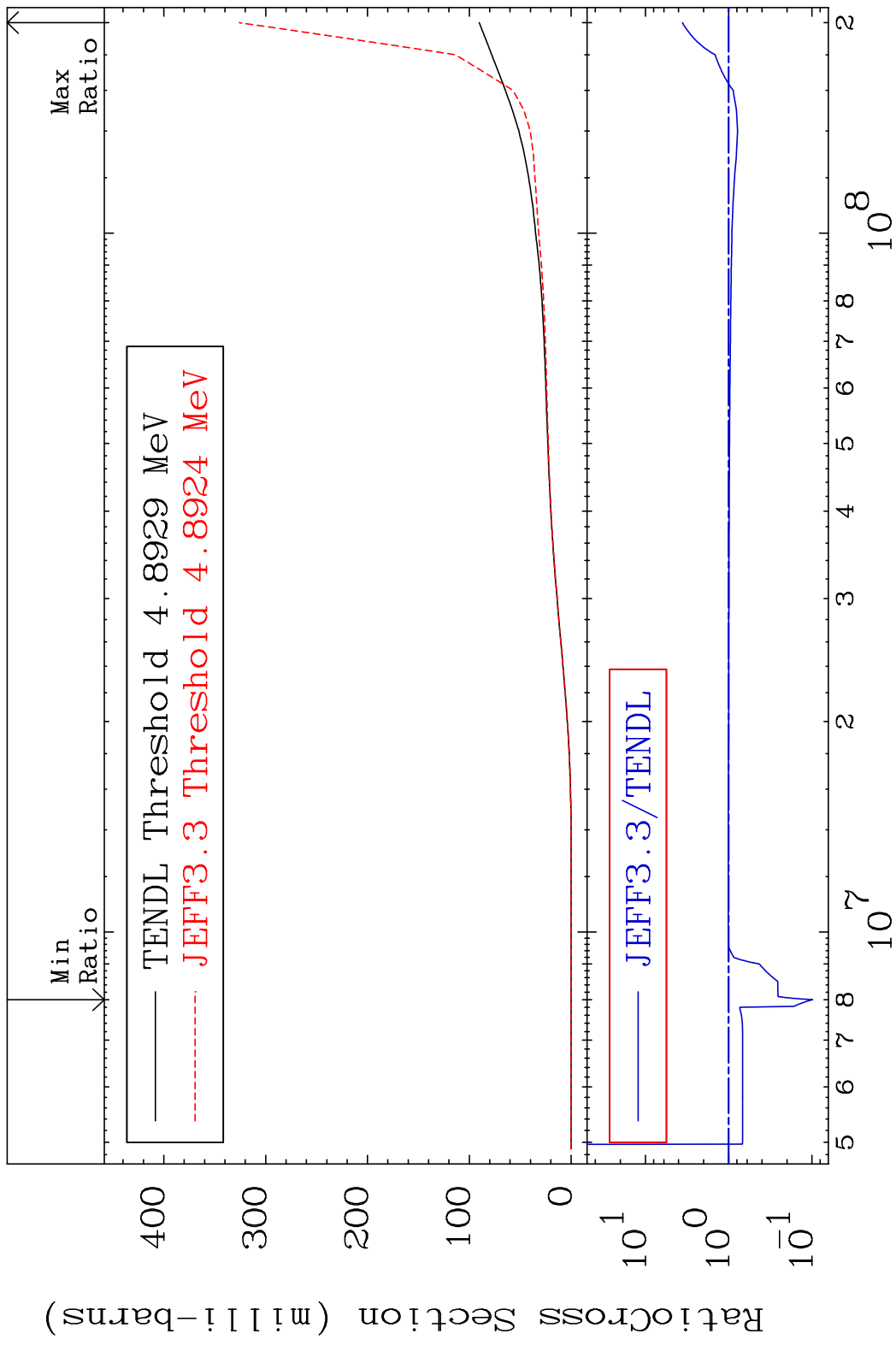


63

Incident Energy (eV)

69-Tm-169

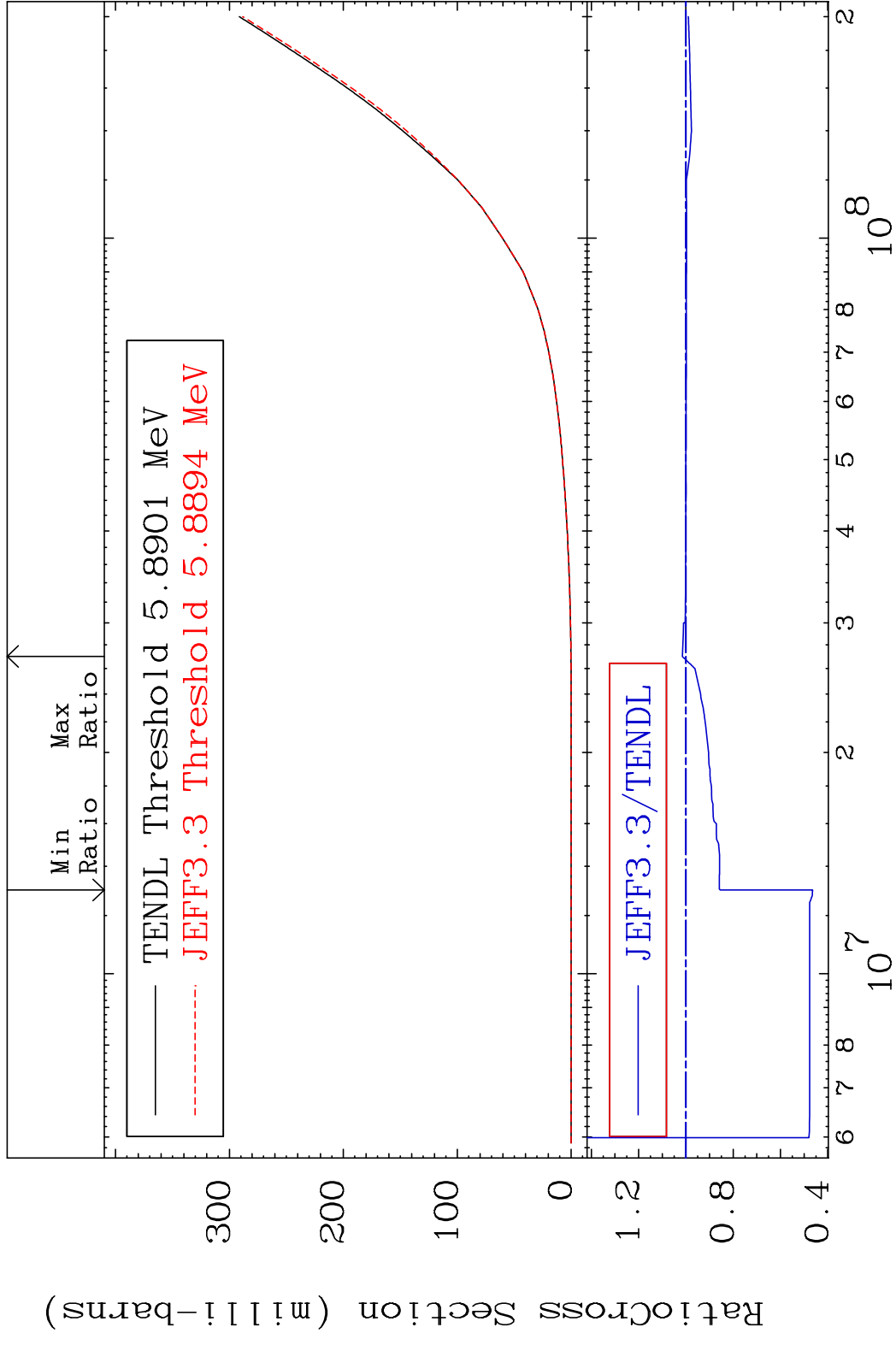
MAT 6925 Tritium Production 69-Tm-169
 Cross Section -90.15 To 260.8 %



64 Incident Energy (eV) 69-Tm-169

MAT 6925

He-3 Production
Cross Section -53.58 To 1.503 %
69-Tm-169



65

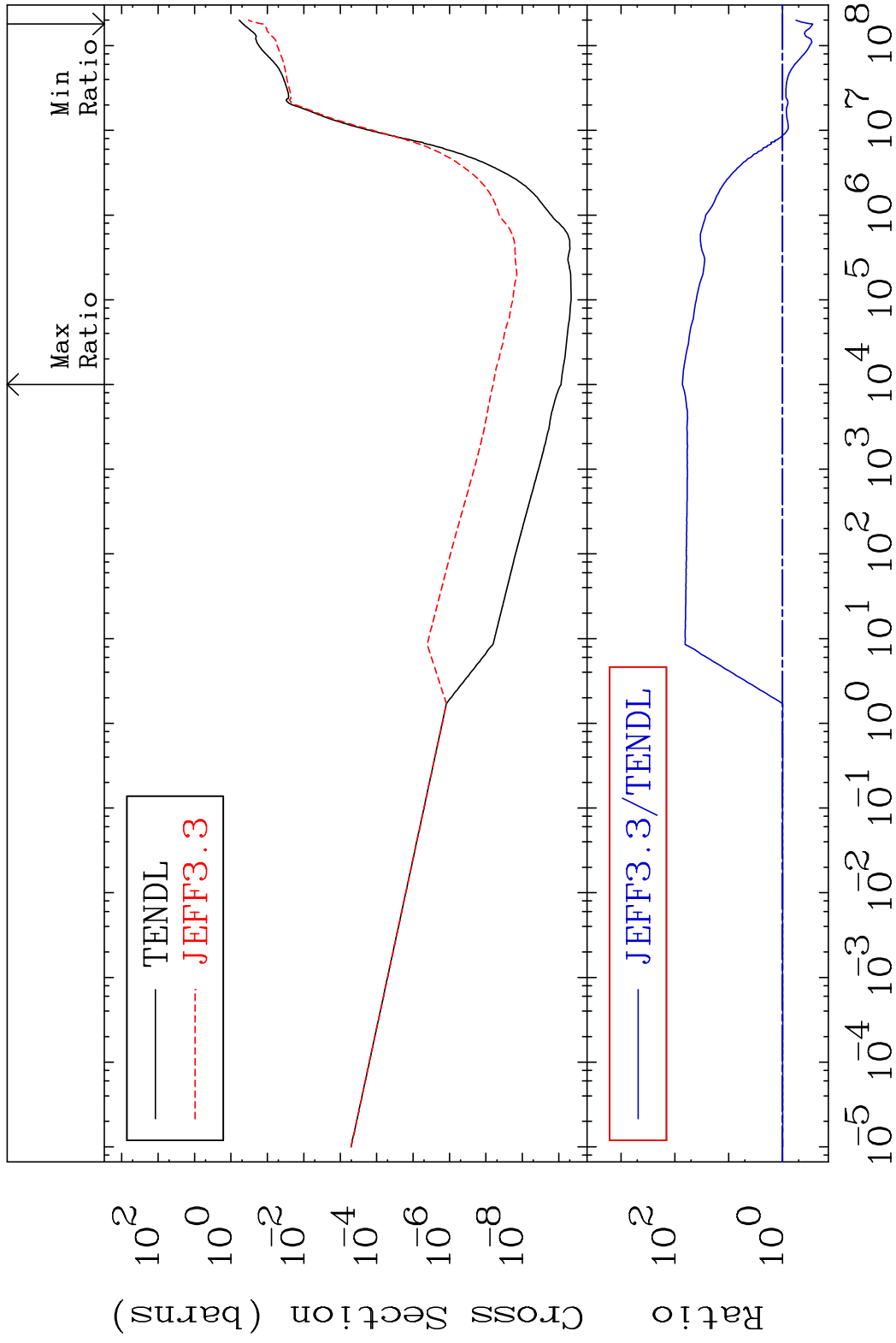
69-Tm-169

MAT 6925

He-4 Production

69-Tm-169

Cross Section -72.22 To 7151. %

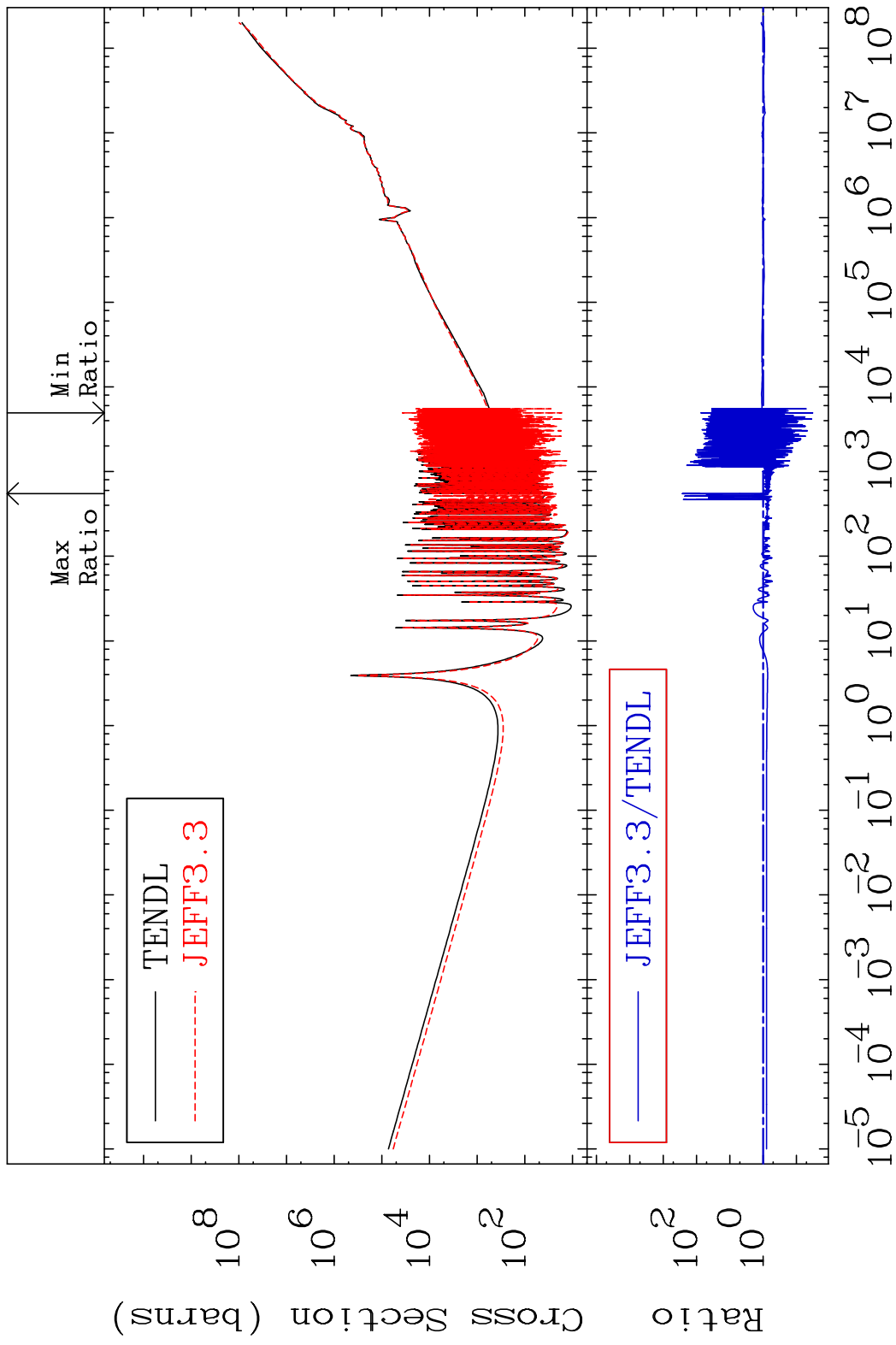


66

Incident Energy (eV)

69-Tm-169

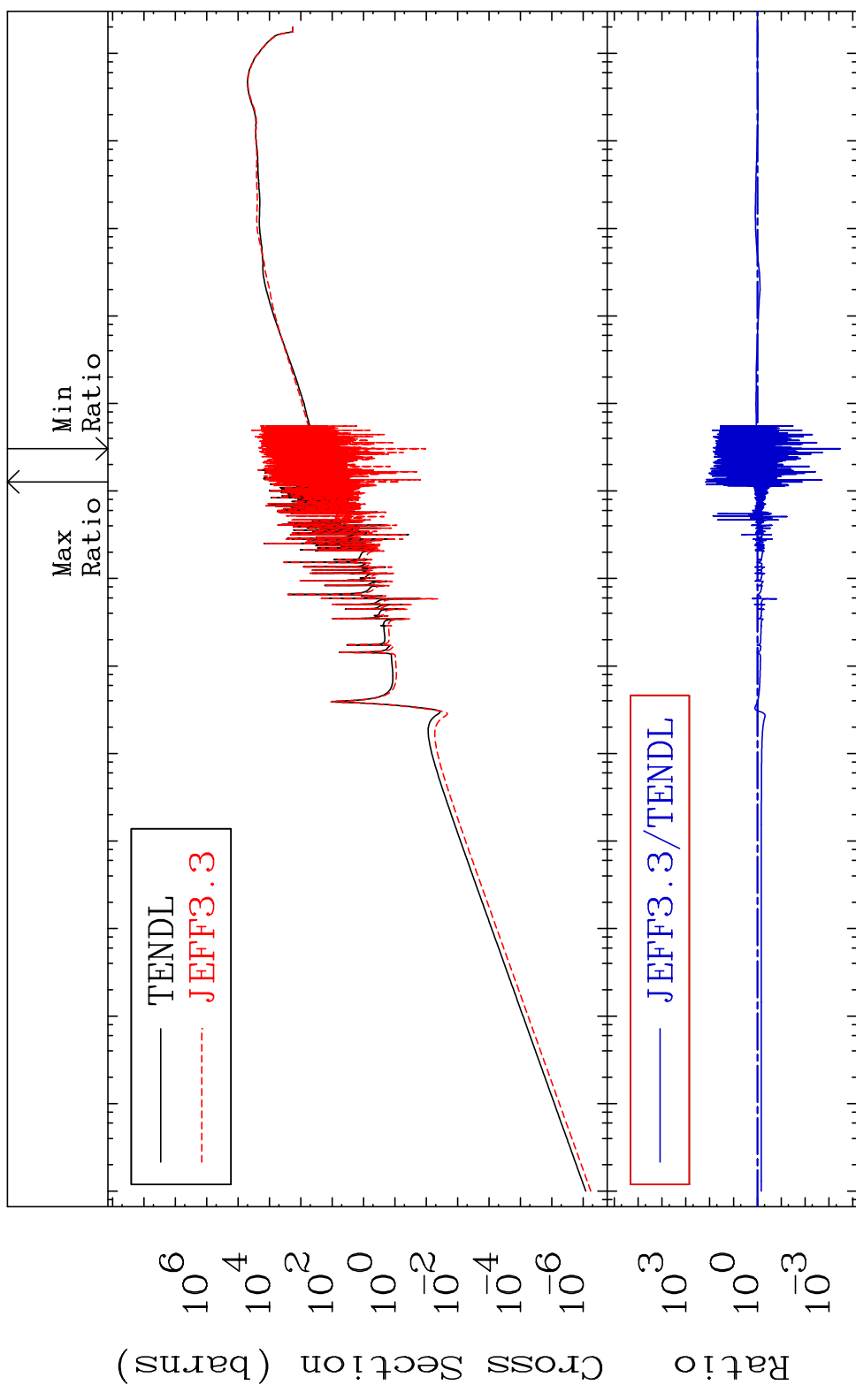
MAT 6925 Kerma total (eV-barns) 69-Tm-169
 Cross Section -96.70 To 9999. %



67 Incident Energy (eV) 69-Tm-169

MAT 6925

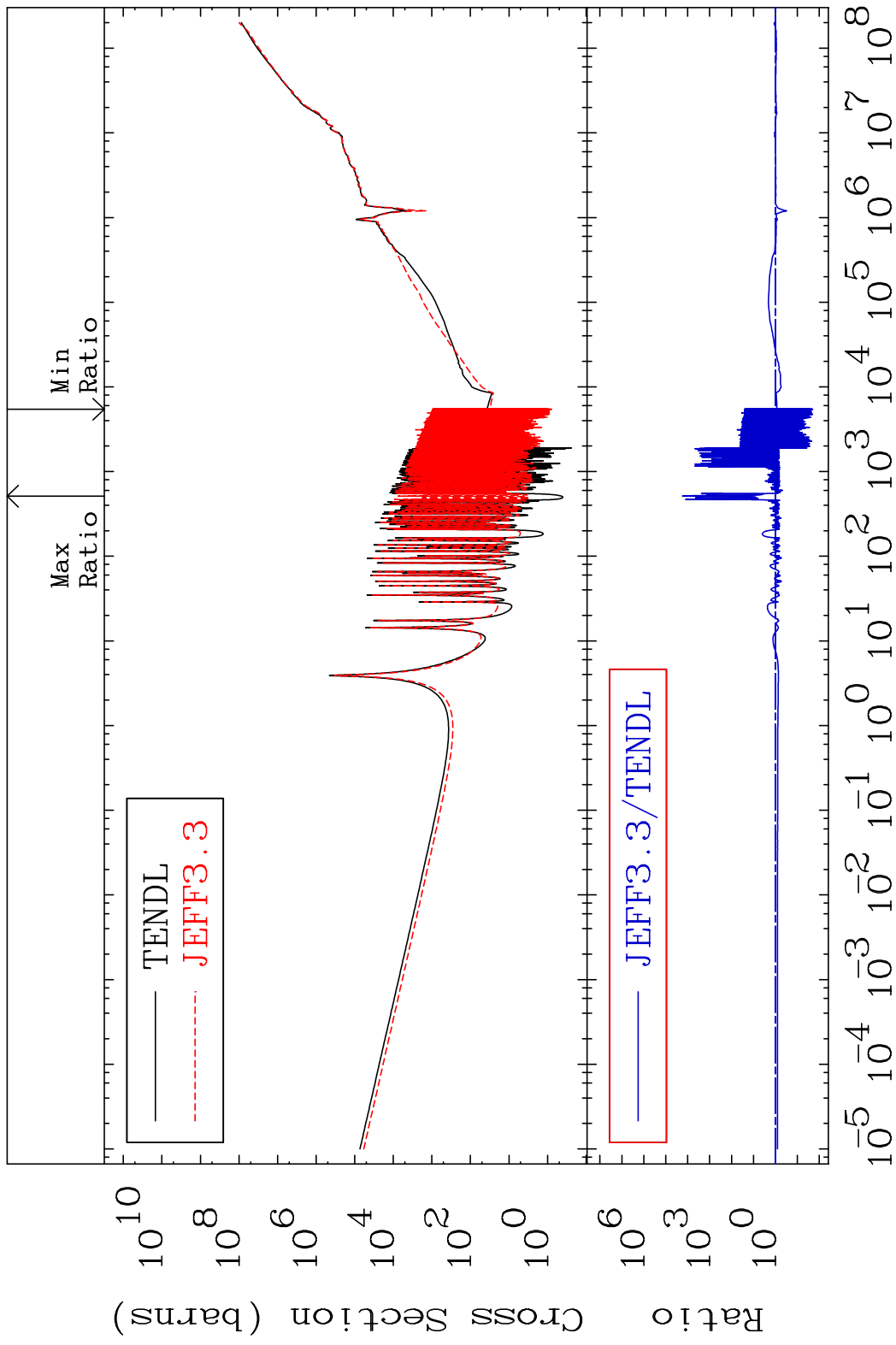
Kerma elastic Cross Section -99.97 To 9999. %
69-Tm-169



68

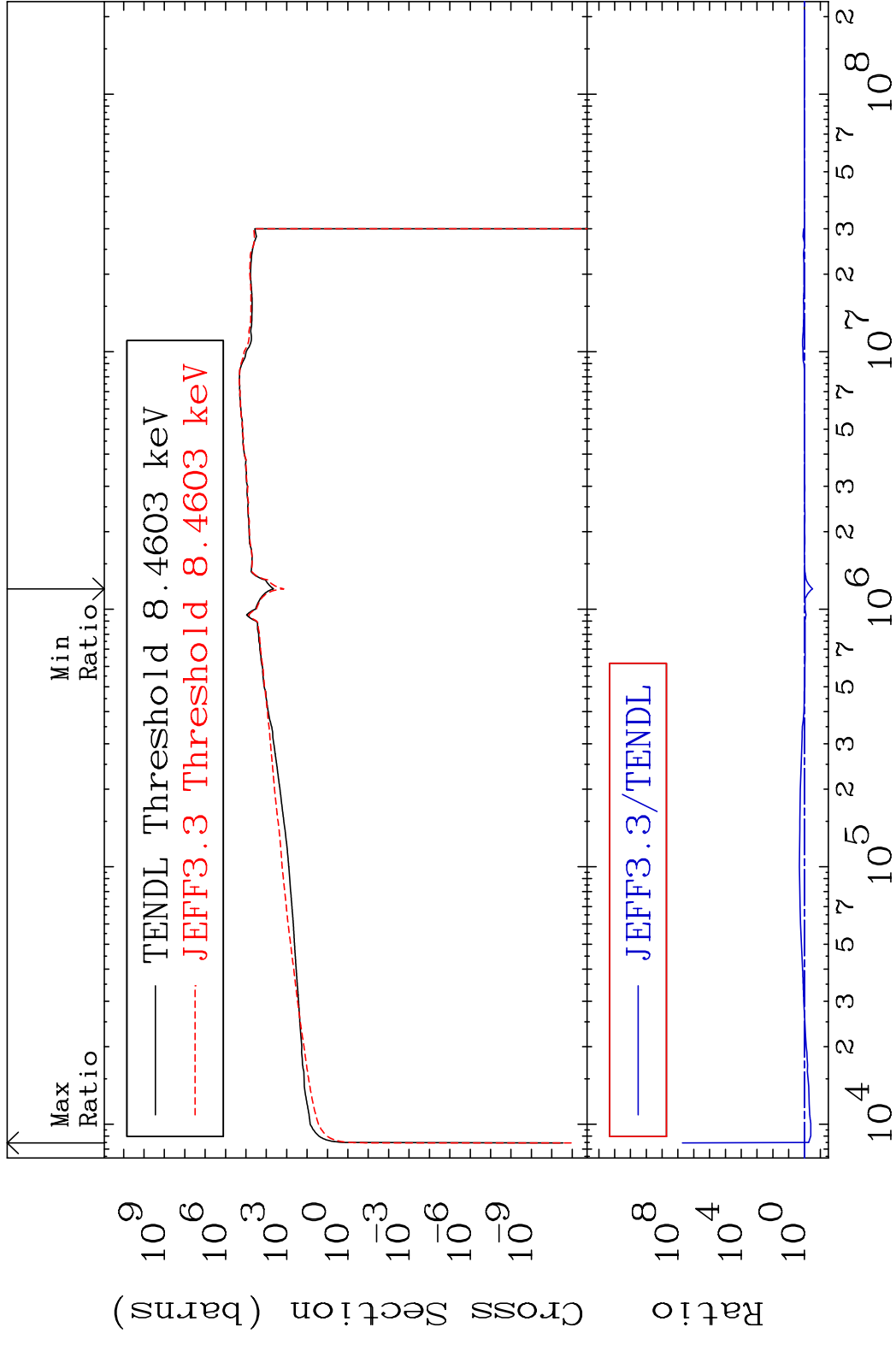
Incident Energy (eV) 69-Tm-169

MAT 6925 Kerma non-elastic (all but mt2) 69-Tm-169
 Cross Section -97.97 To 9999. %



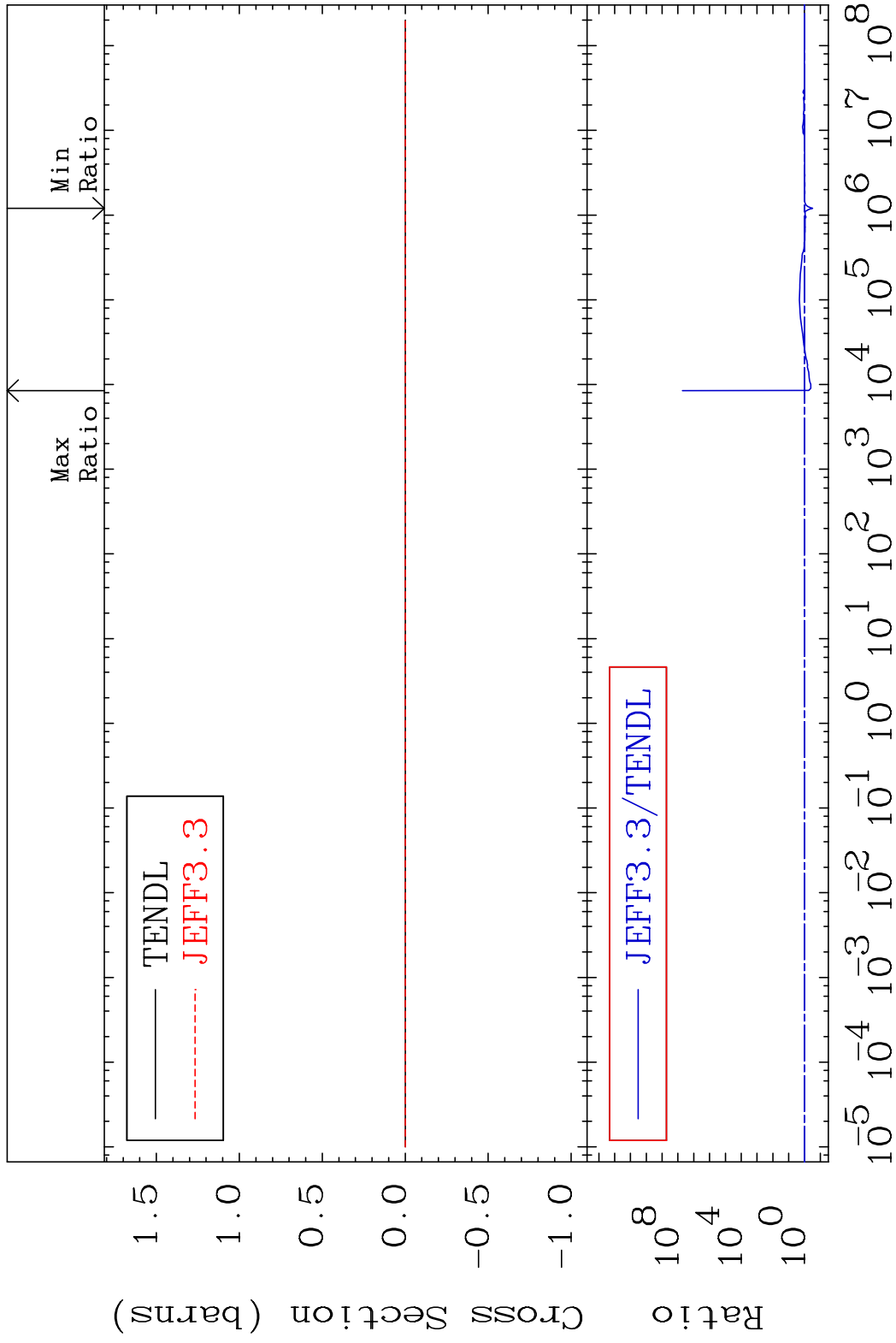
69 Incident Energy (eV) 69-Tm-169

MAT 6925 Kerma inelastic (mt51-91) 69-Tm-169
 Cross Section -69.11 To 9999. %



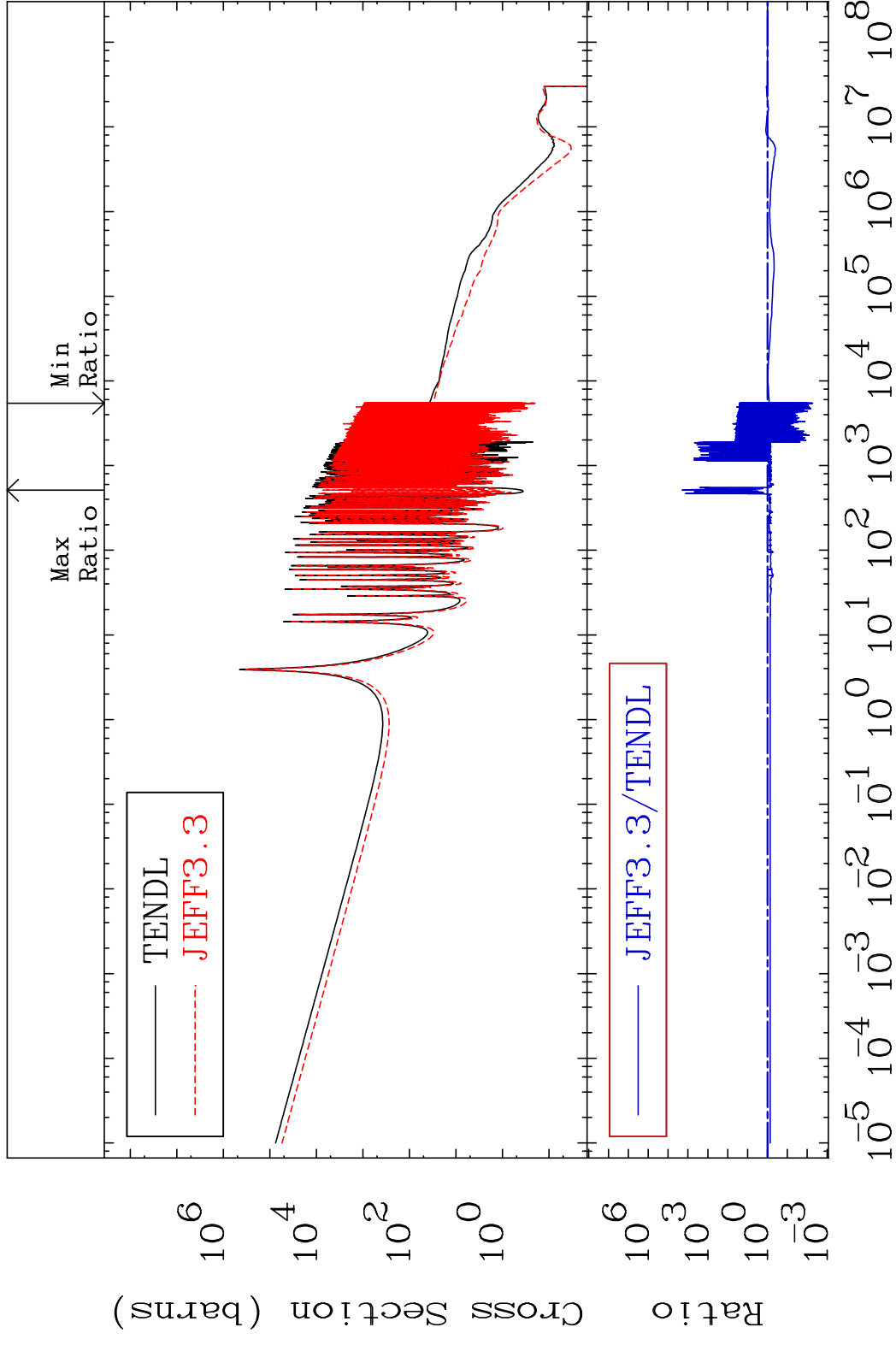
70 Incident Energy (eV) 69-Tm-169

MAT 6925 Kerma fission (mt18 or mt19-20-21-38) 69-Tm-169
 Cross Section -69.11 To 9999. %



MAT 6925

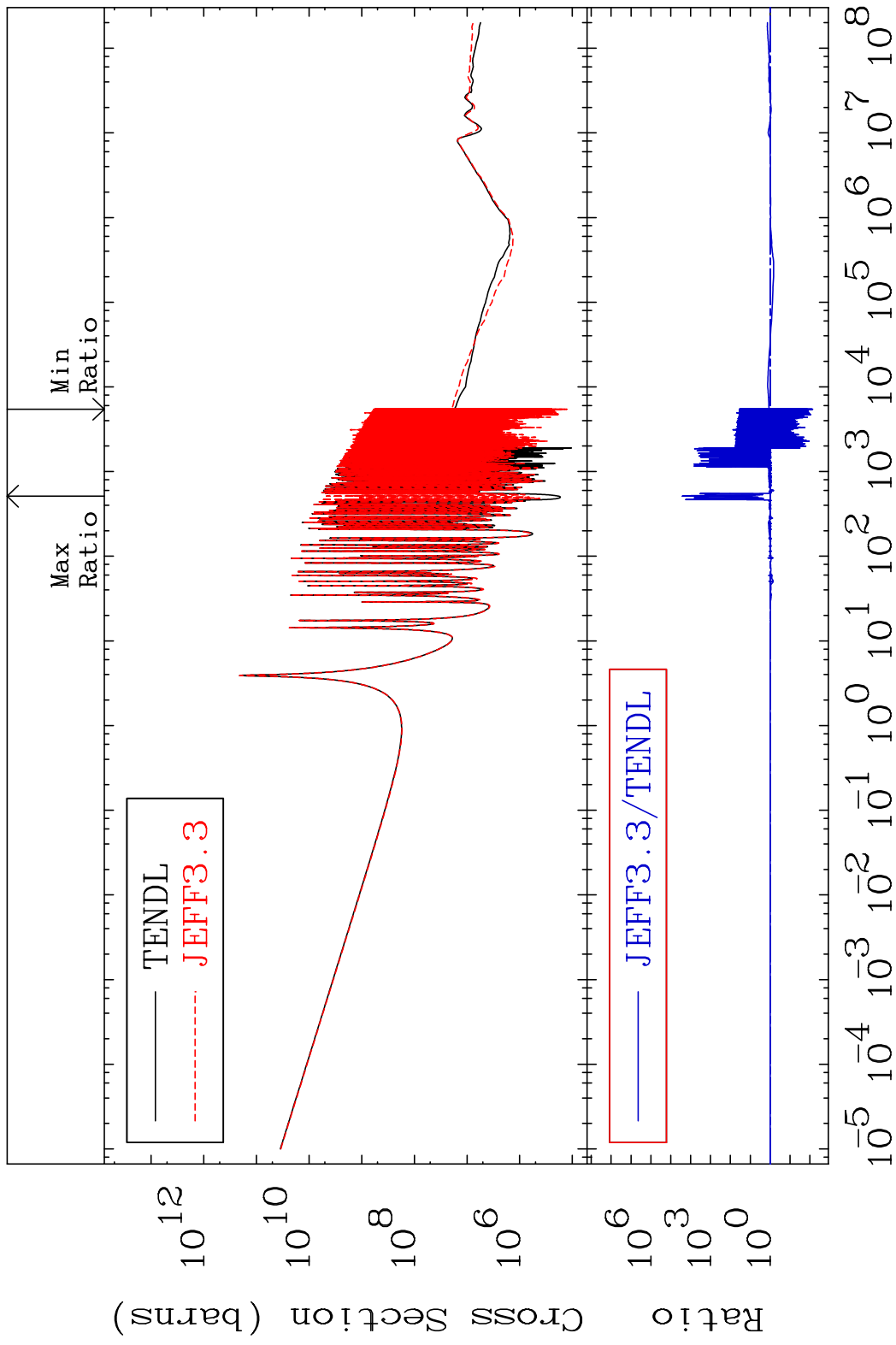
Kerma capture (mt102) 69-Tm-169
Cross Section -99.46 To 9999. %



72

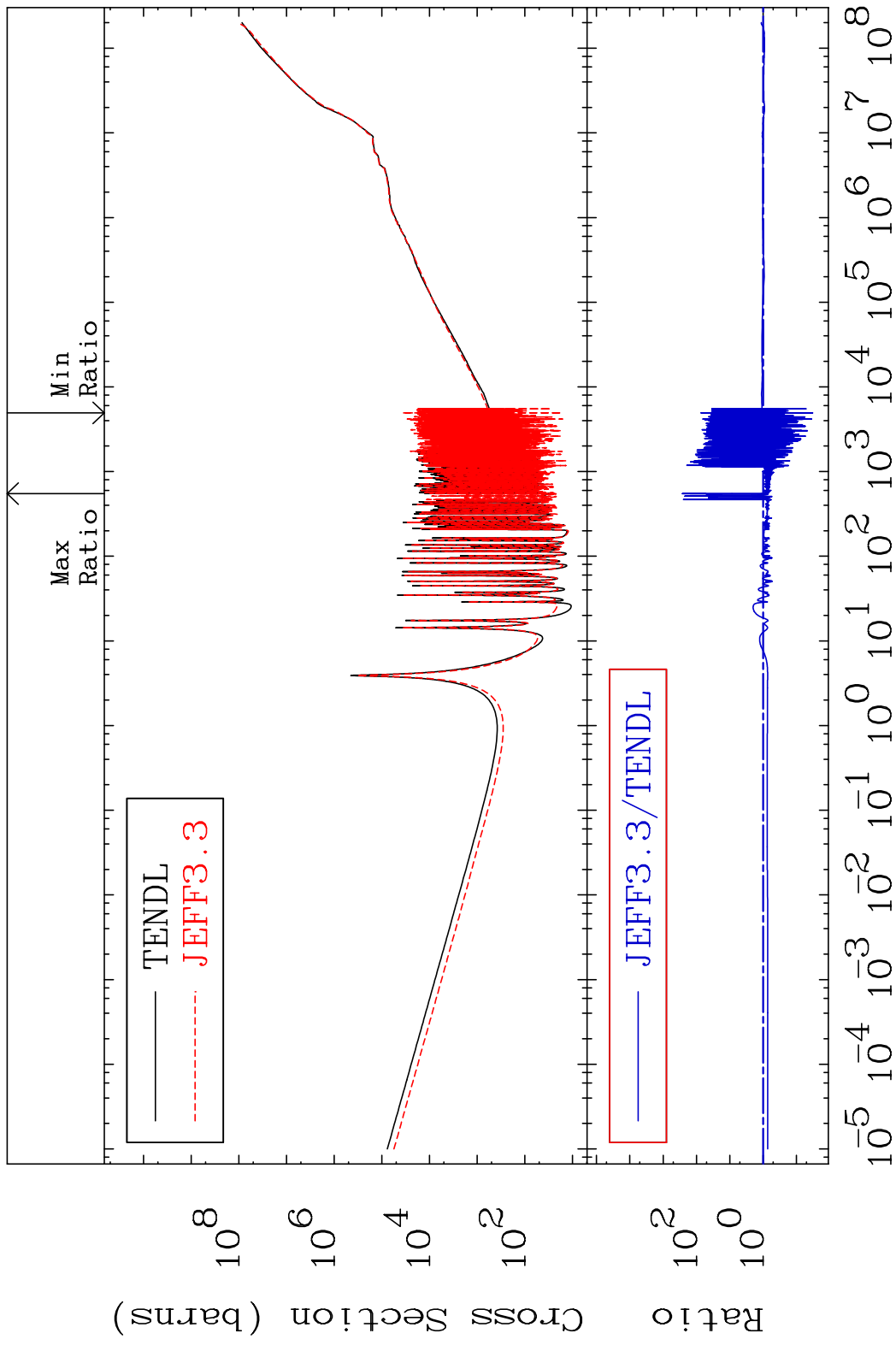
Incident Energy (eV) 69-Tm-169

MAT 6925 Total photon (eV-barns) 69-Tm-169
 Cross Section -99.27 To 9999. %



73 Incident Energy (eV) 69-Tm-169

MAT 6925 Total kinematic kerma (high limit) 69-Tm-169
 Cross Section -96.70 To 9999. %

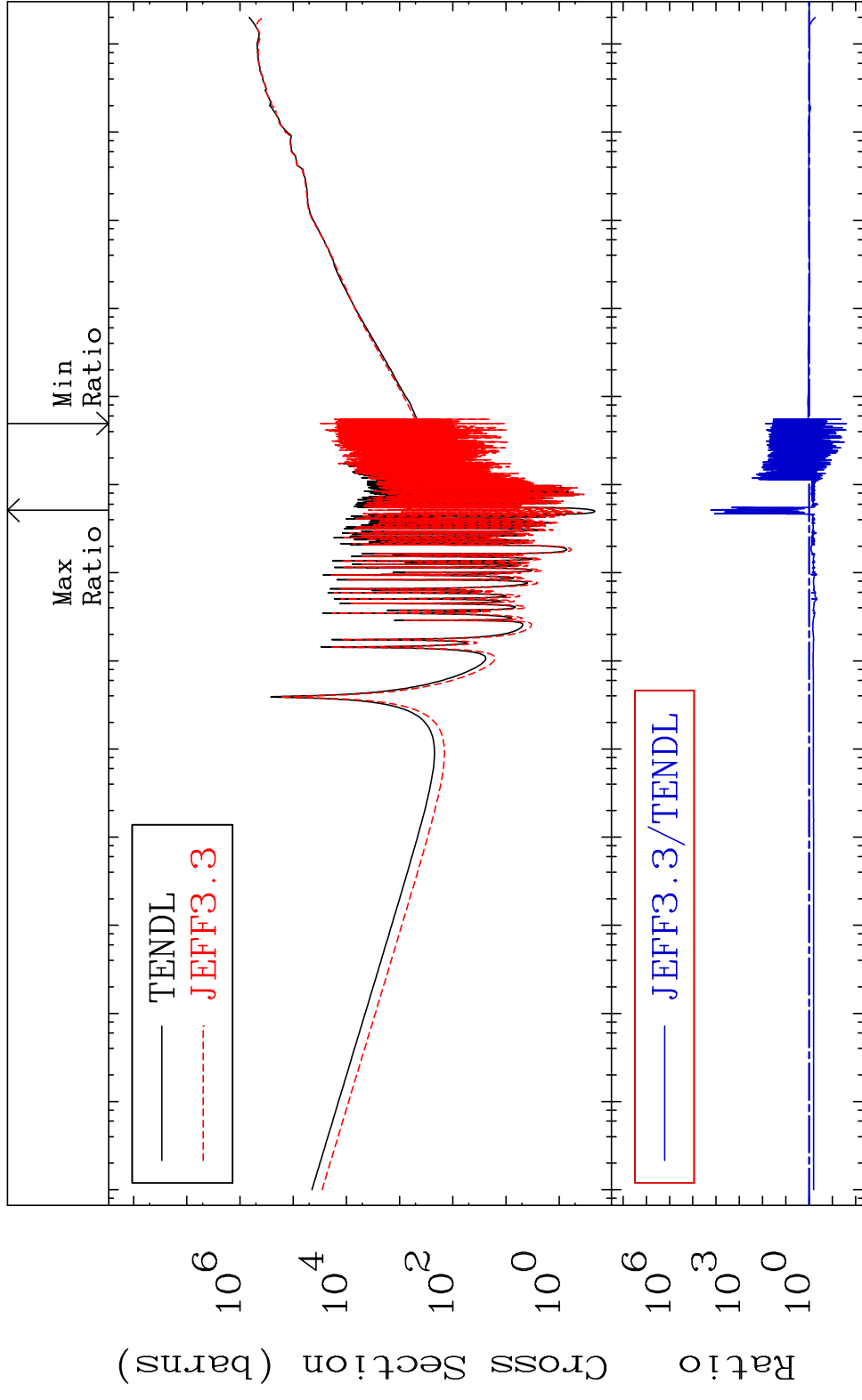


MAT 6925

Dpa total (eV-barns)

69-Tm-169

Cross Section -97.50 To 9999. %



75

Incident Energy (eV)

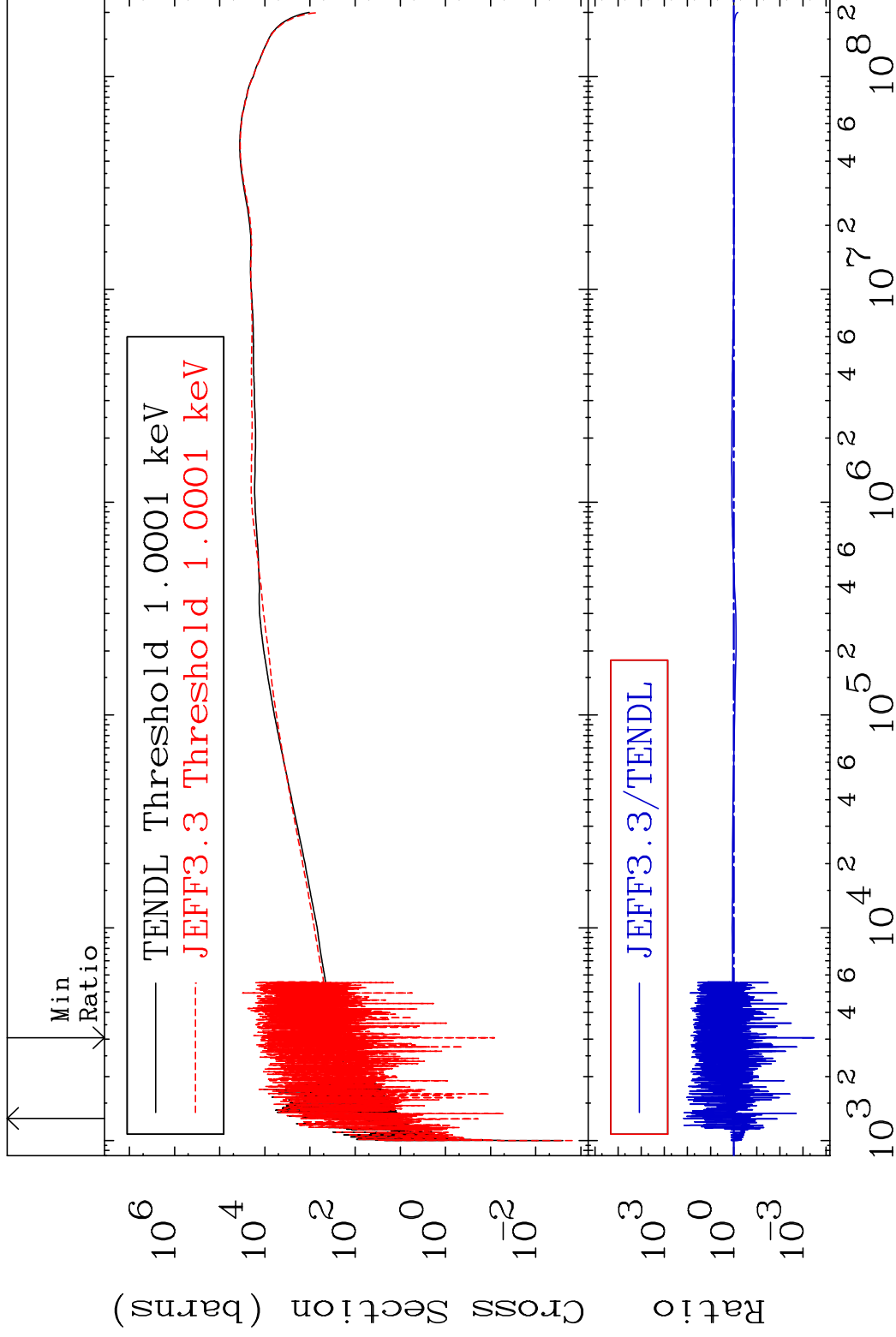
69-Tm-169

MAT 6925

Dpa elastic (mt2)

69-Tm-169

Cross Section -99.97 To 9999. %

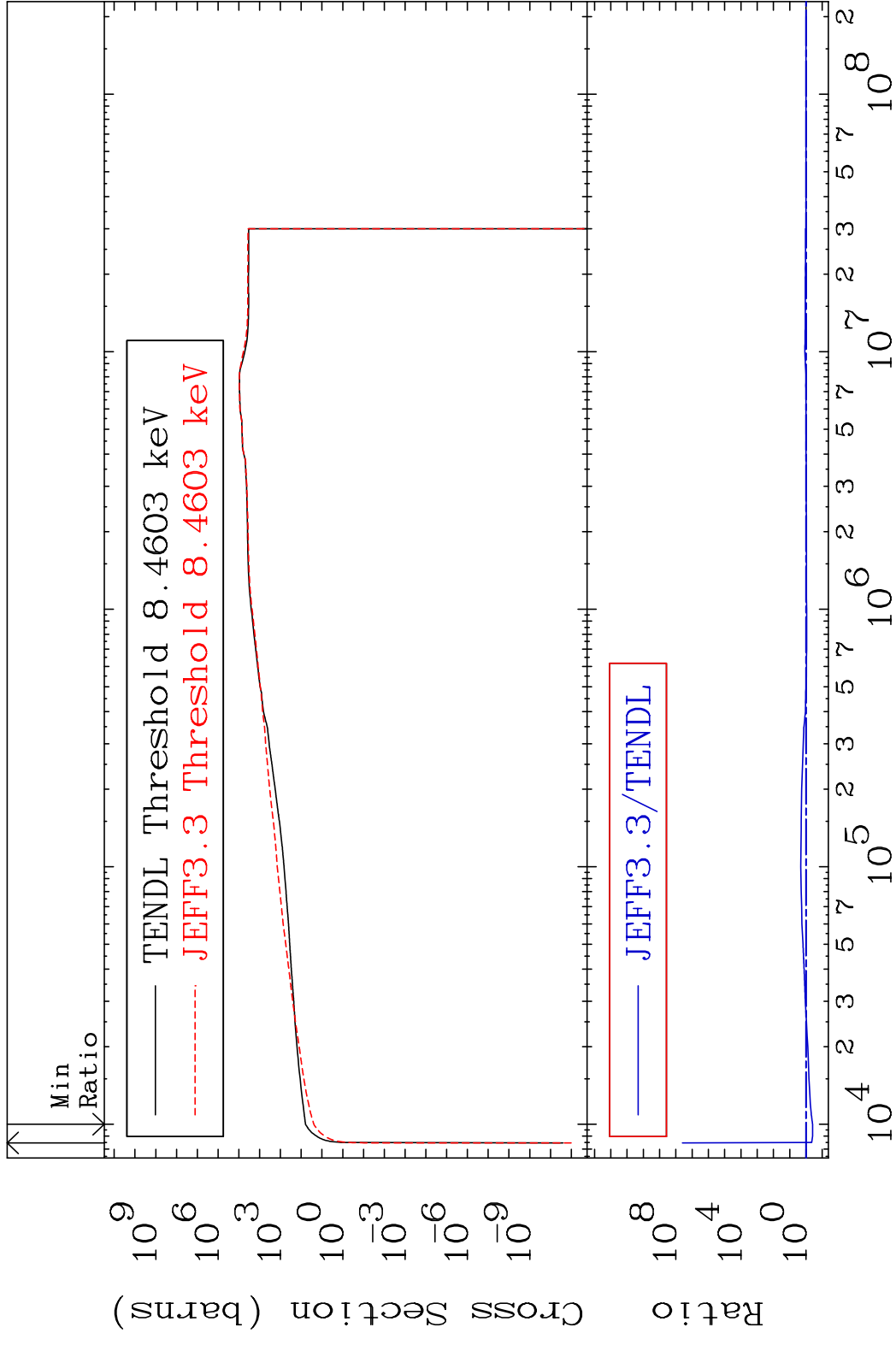


76

Incident Energy (eV)

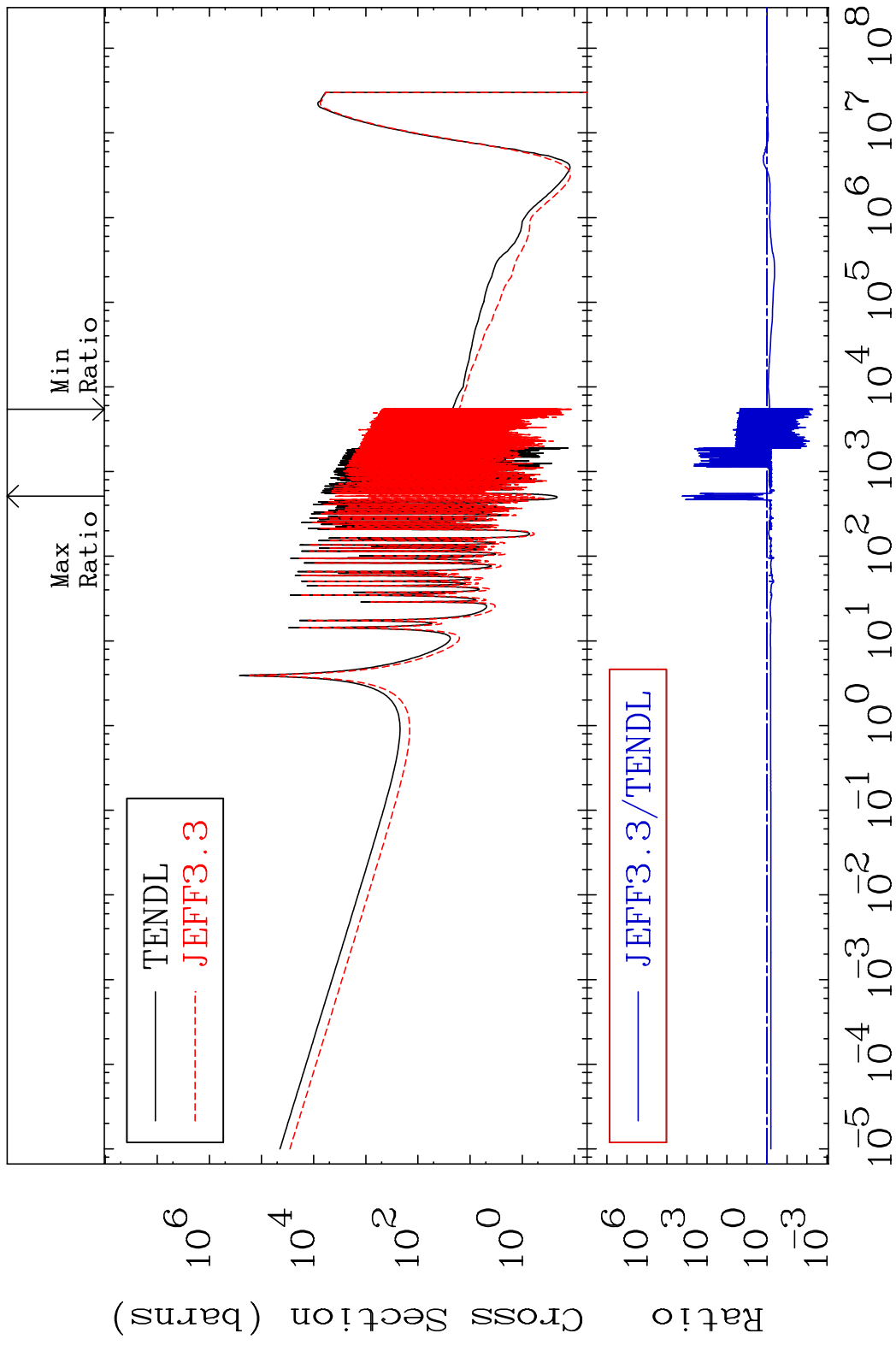
69-Tm-169

MAT 6925 Dpa inelastic (mt51-91) 69-Tm-169
 Cross Section -60.34 To 9999. %



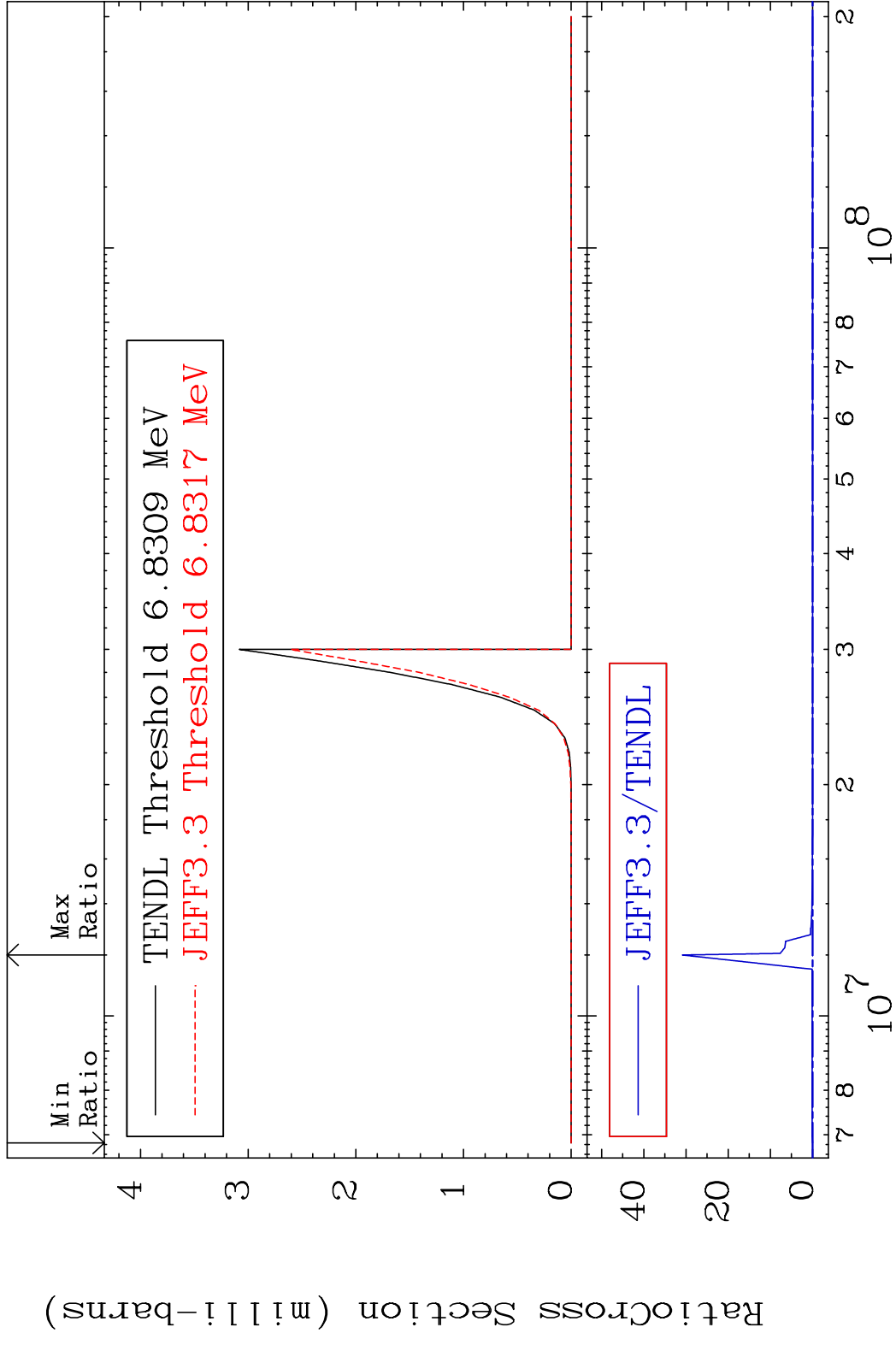
77 Incident Energy (eV) 69-Tm-169

MAT 6925 Dpa disappearance (mt102 -120) 69-Tm-169
 Cross Section -99.47 To 9999. %

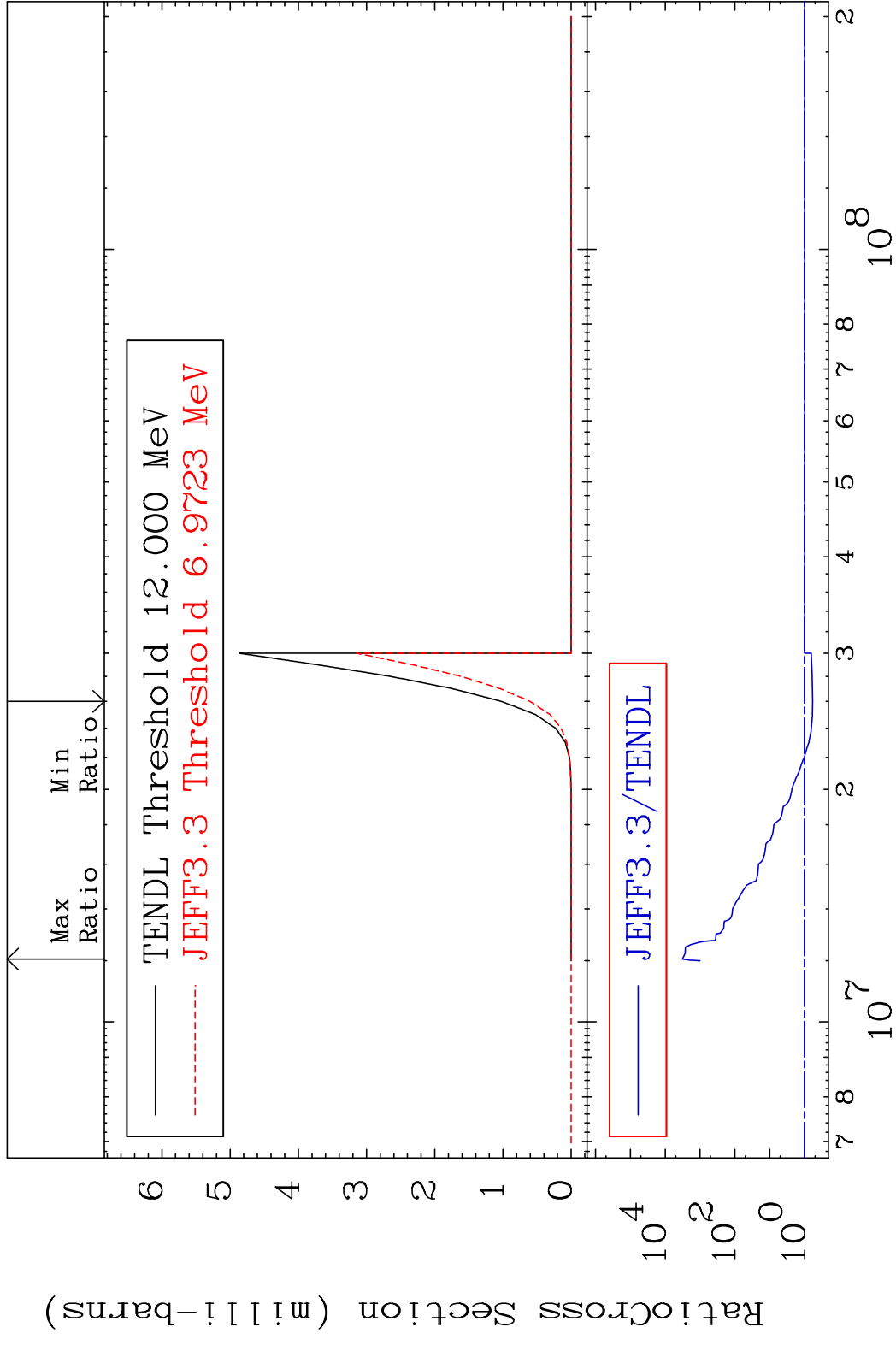


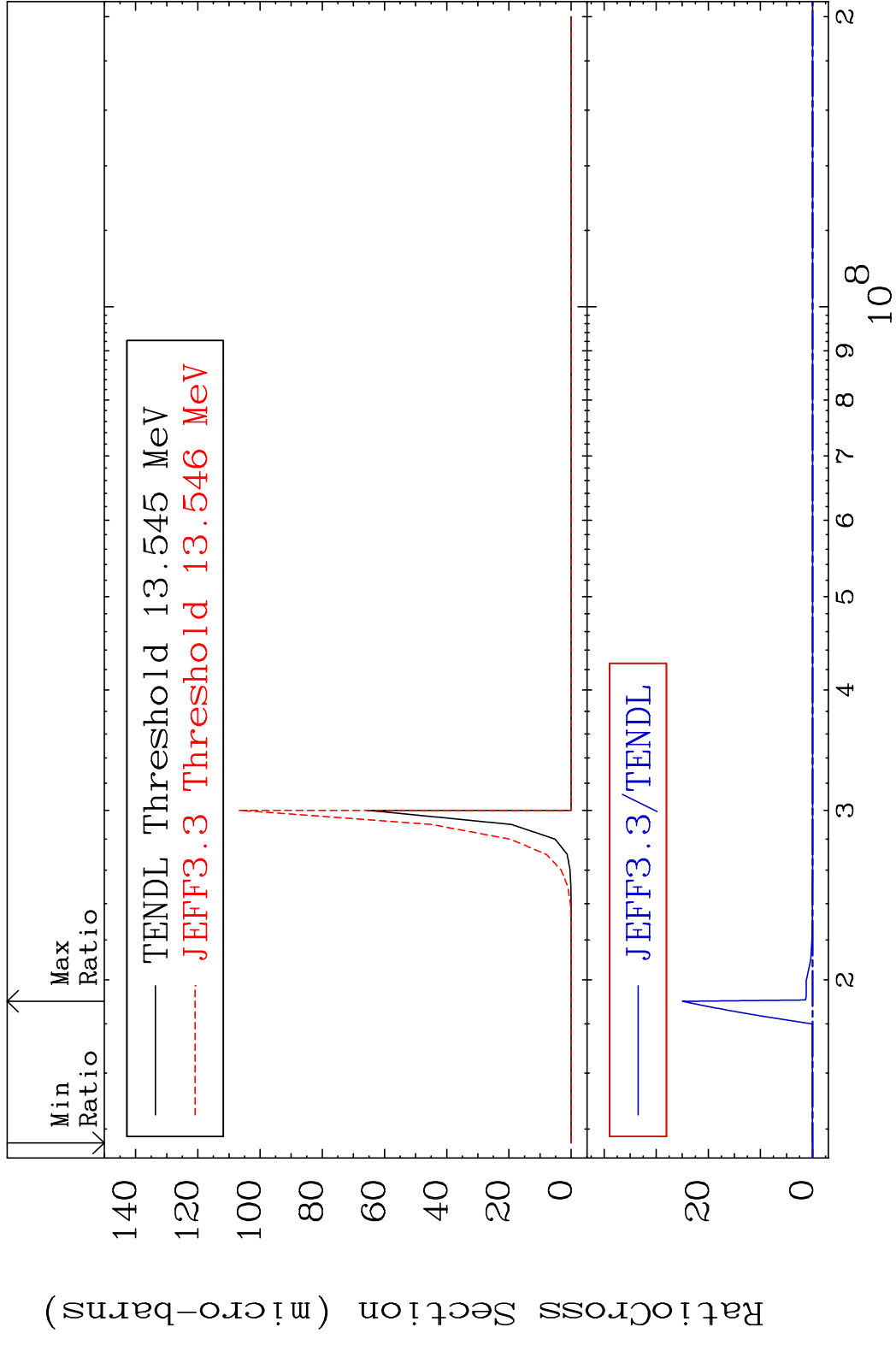
78 Incident Energy (eV) 69-Tm-169

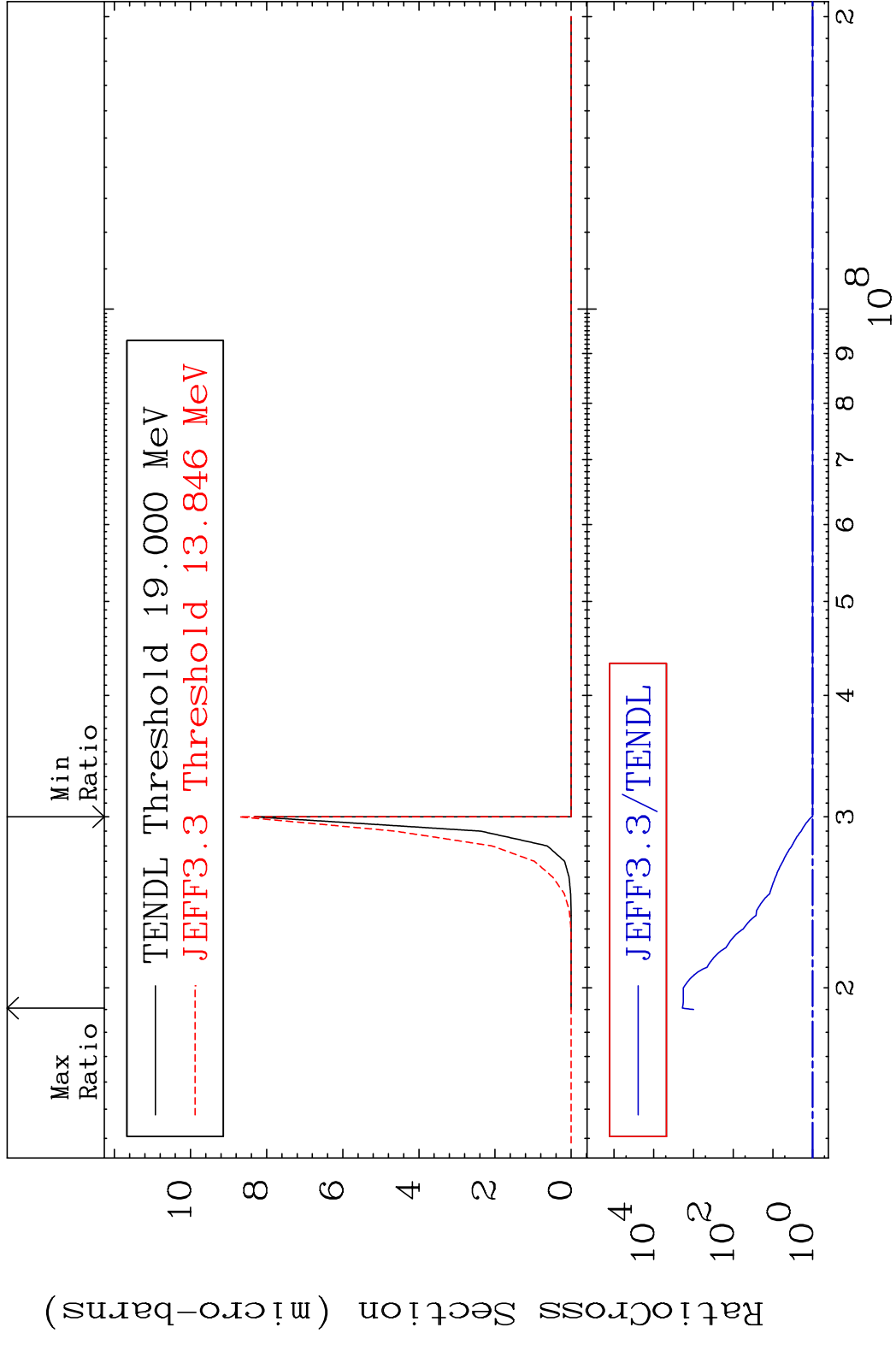
MAT 6925 (n,2n) α :67-Ho-164g 69-Tm-169
 Radionuclide Production Cross Section to 9999. %

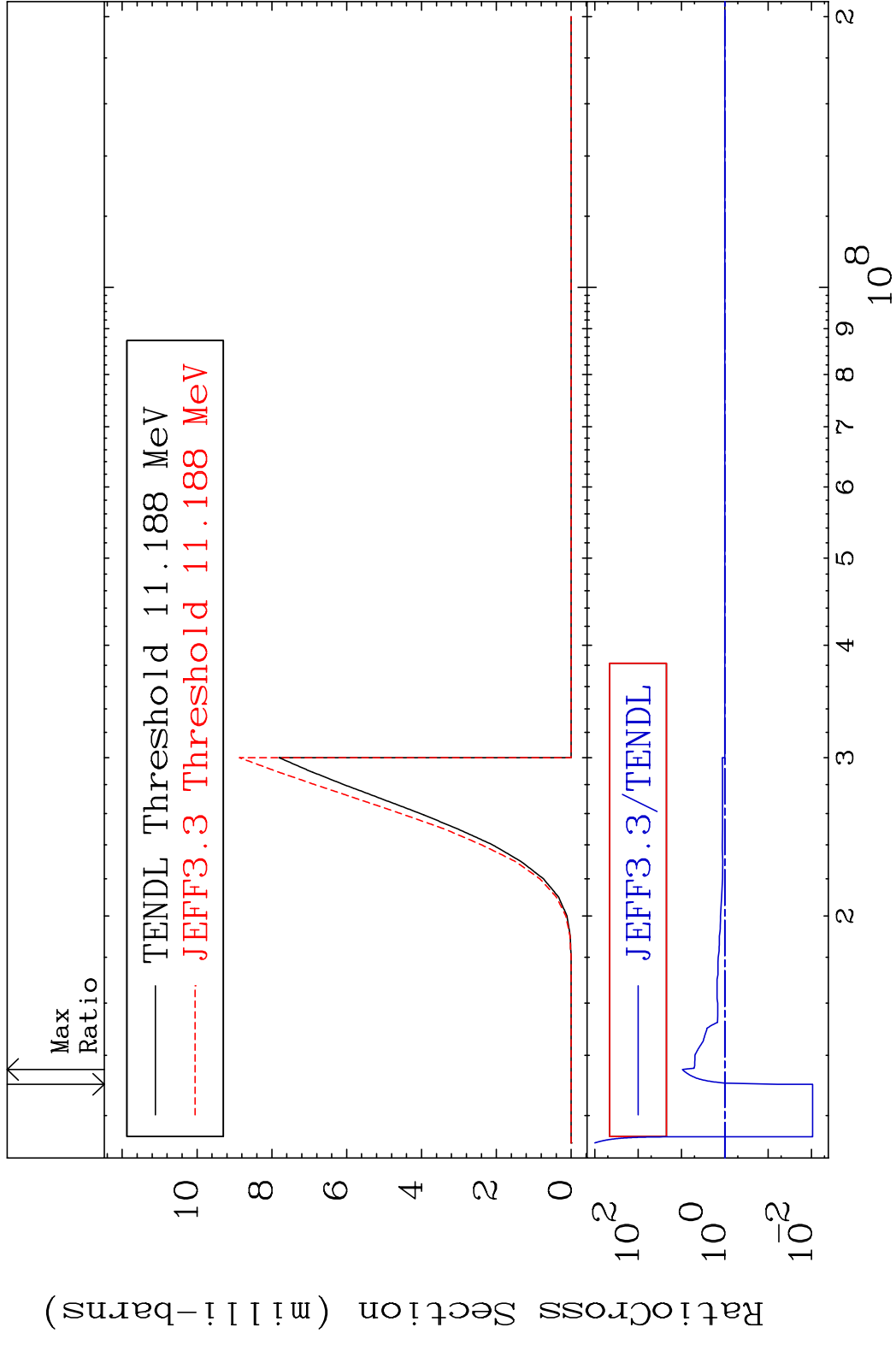


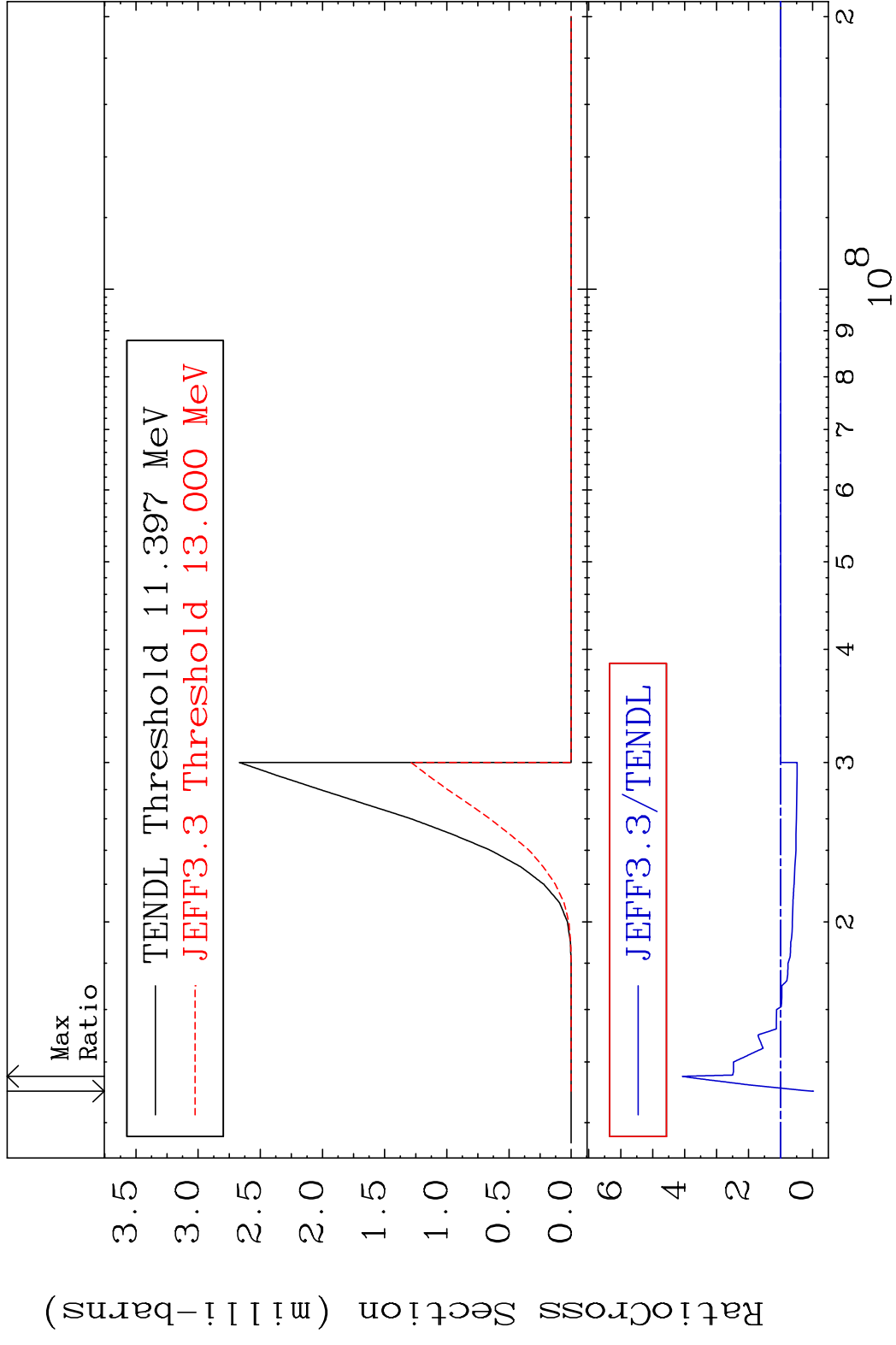
MAT 6925 (n,2n) α :67-Ho-164m3 69-Tm-169
 Radionuclide Production Cross Section to 9999. %

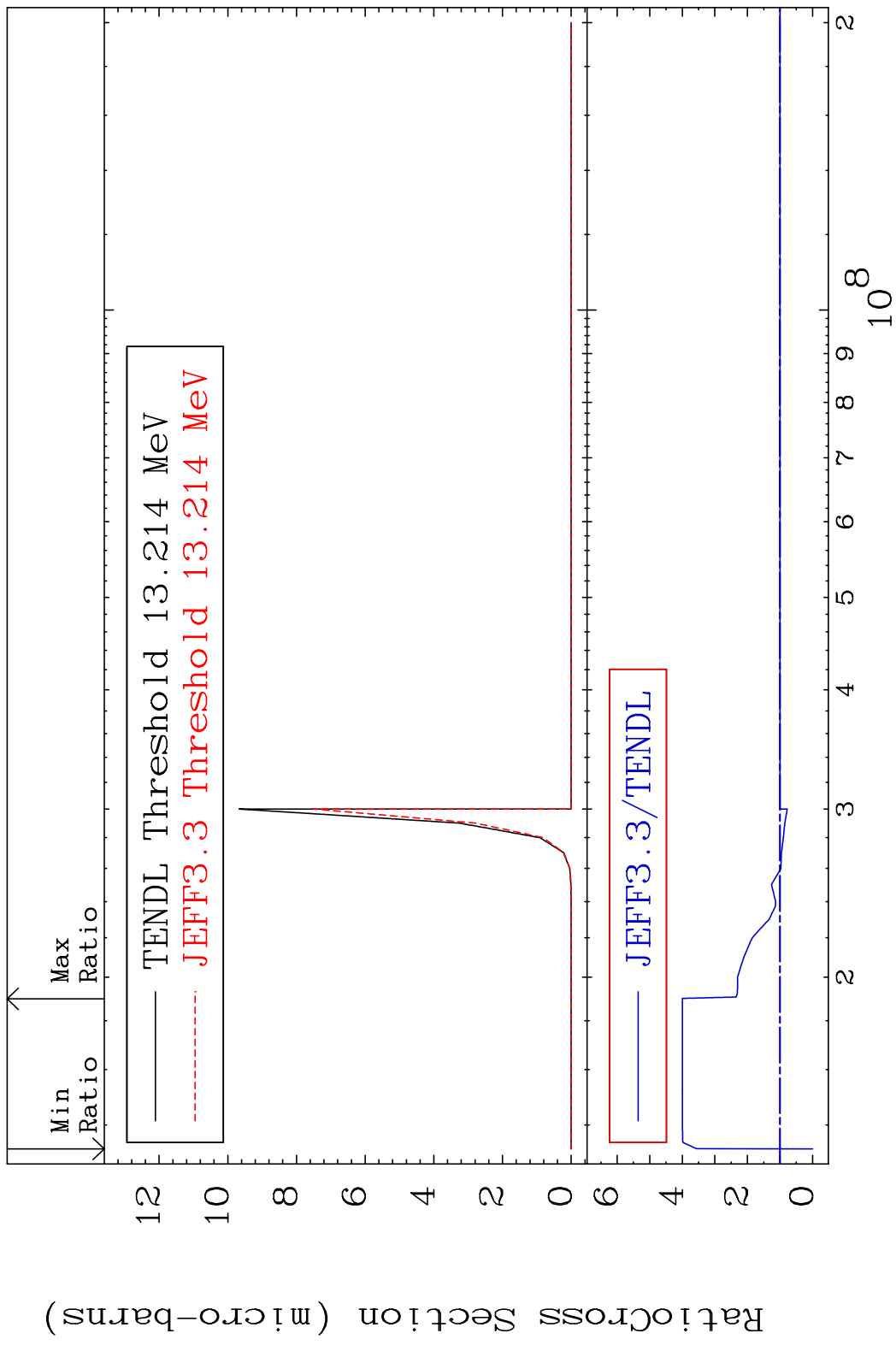


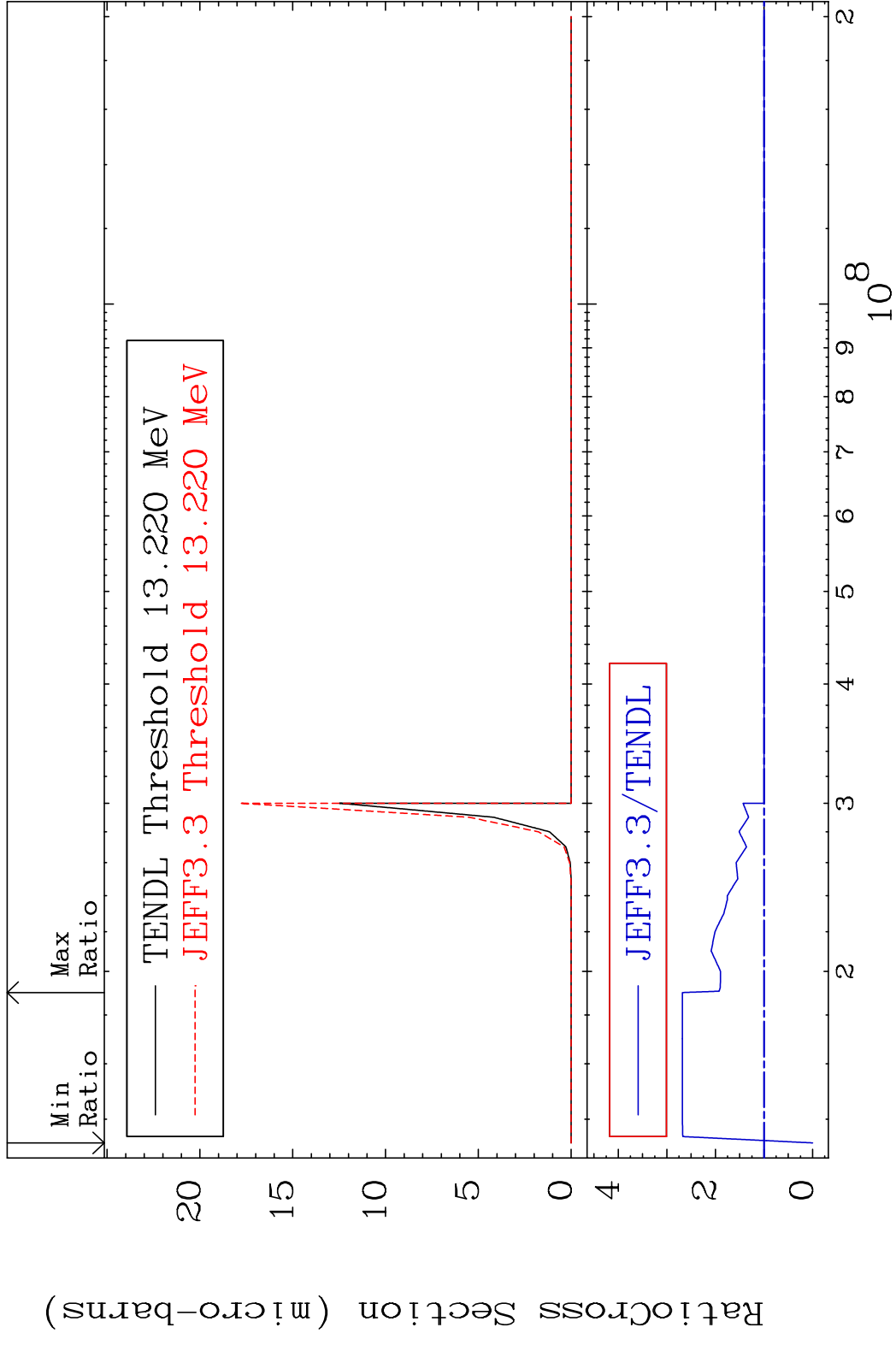


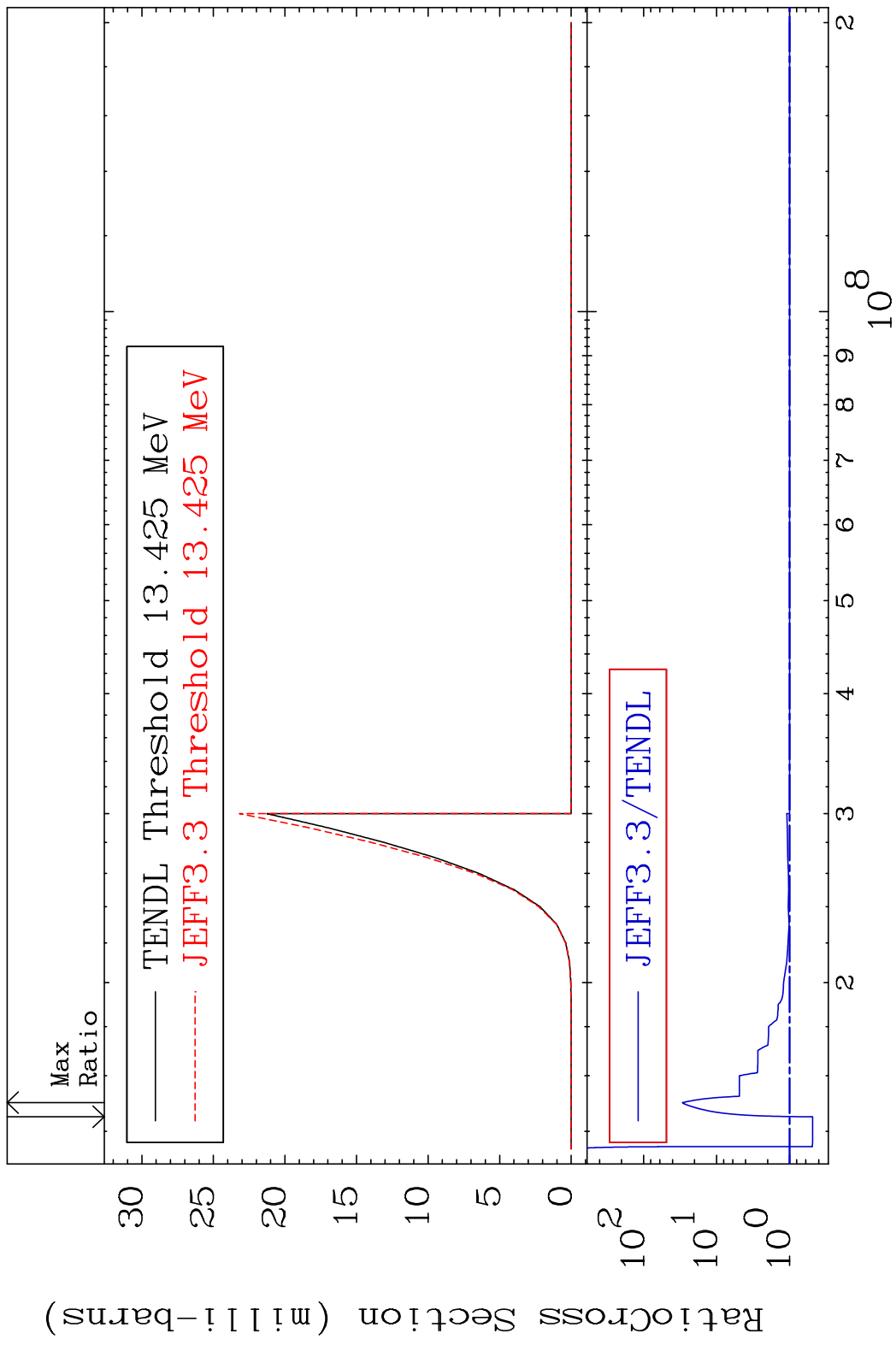


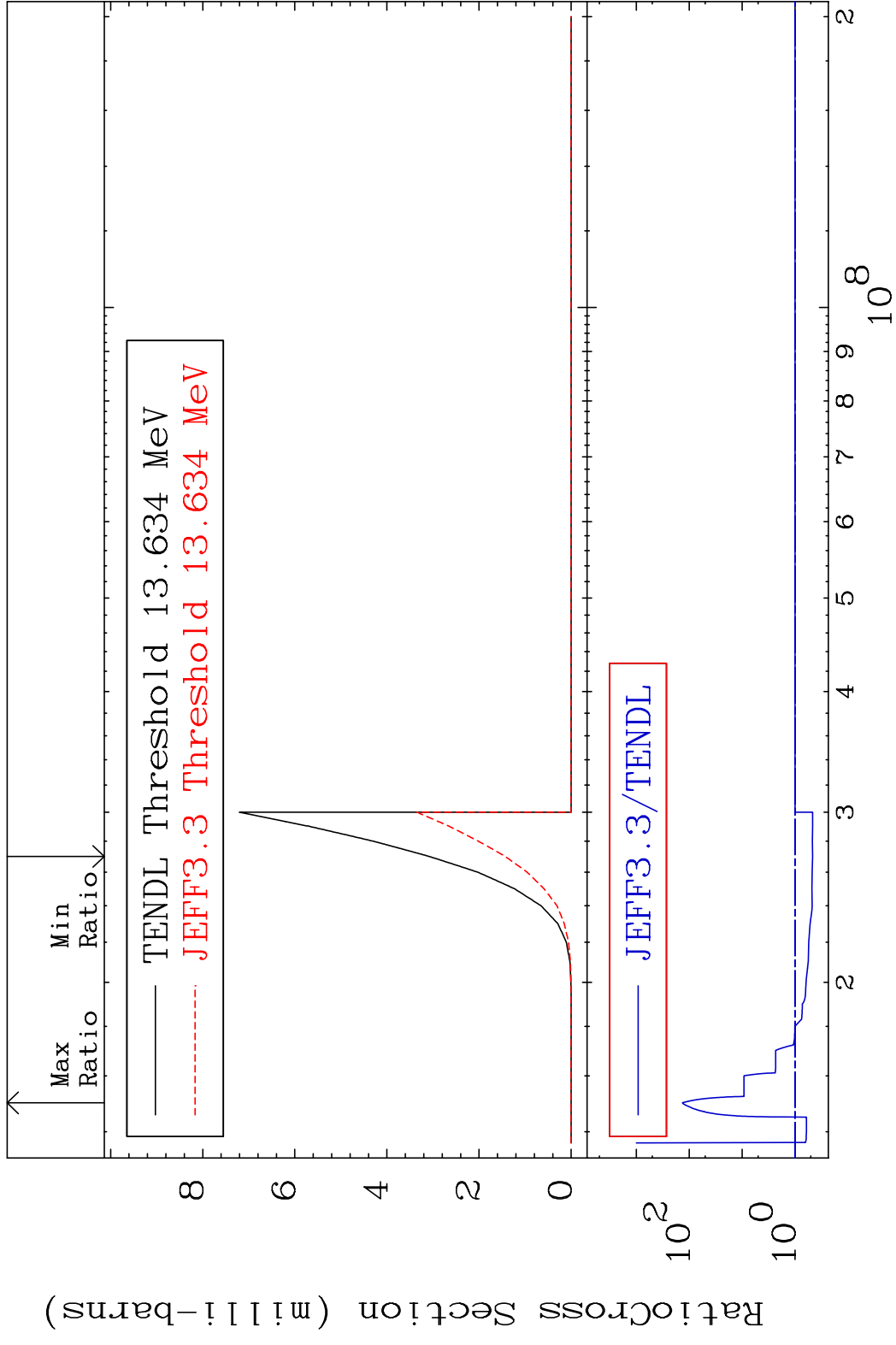




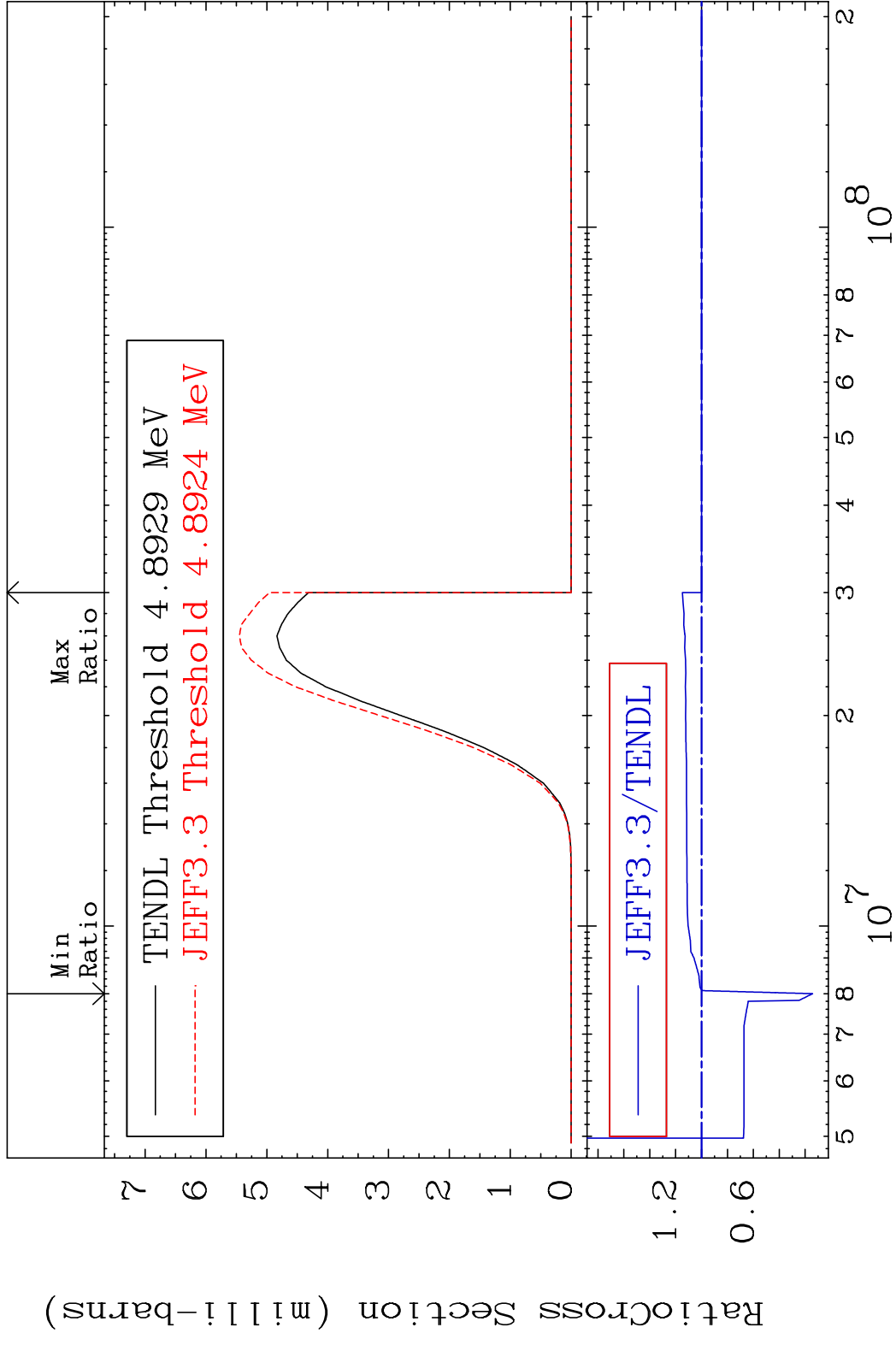




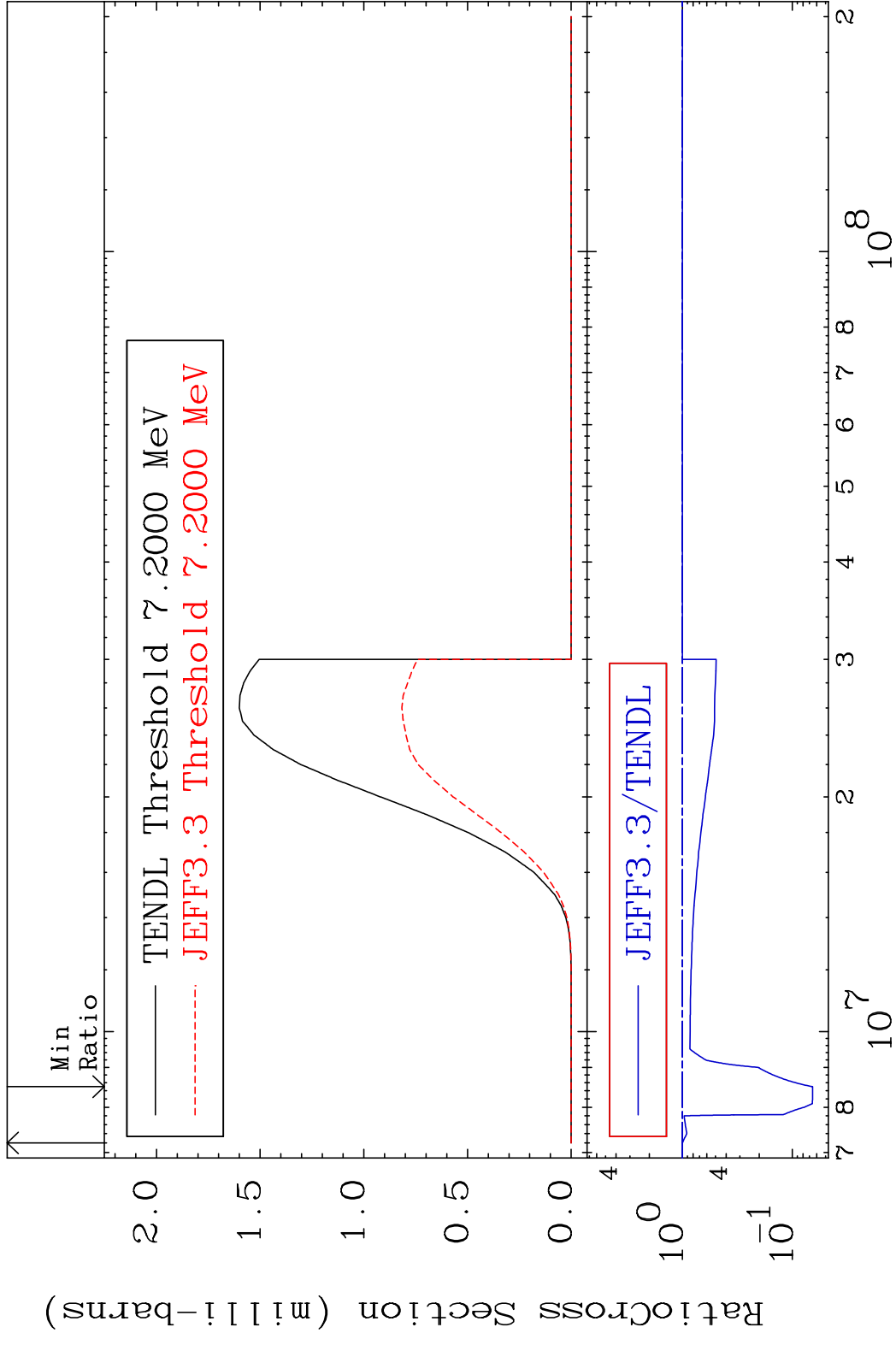




MAT 6925 (n, t):68-Er-167g 69-Tm-169
 Radionuclide Production Cross Section 14.83 %



MAT 6925 (n, t): 68-Er-167m3 69-Tm-169
 Radionuclide Production Cross Section 0.000 %



90 Incident Energy (eV) 69-Tm-169

