

Program Complot
(Version 2021-1)

by

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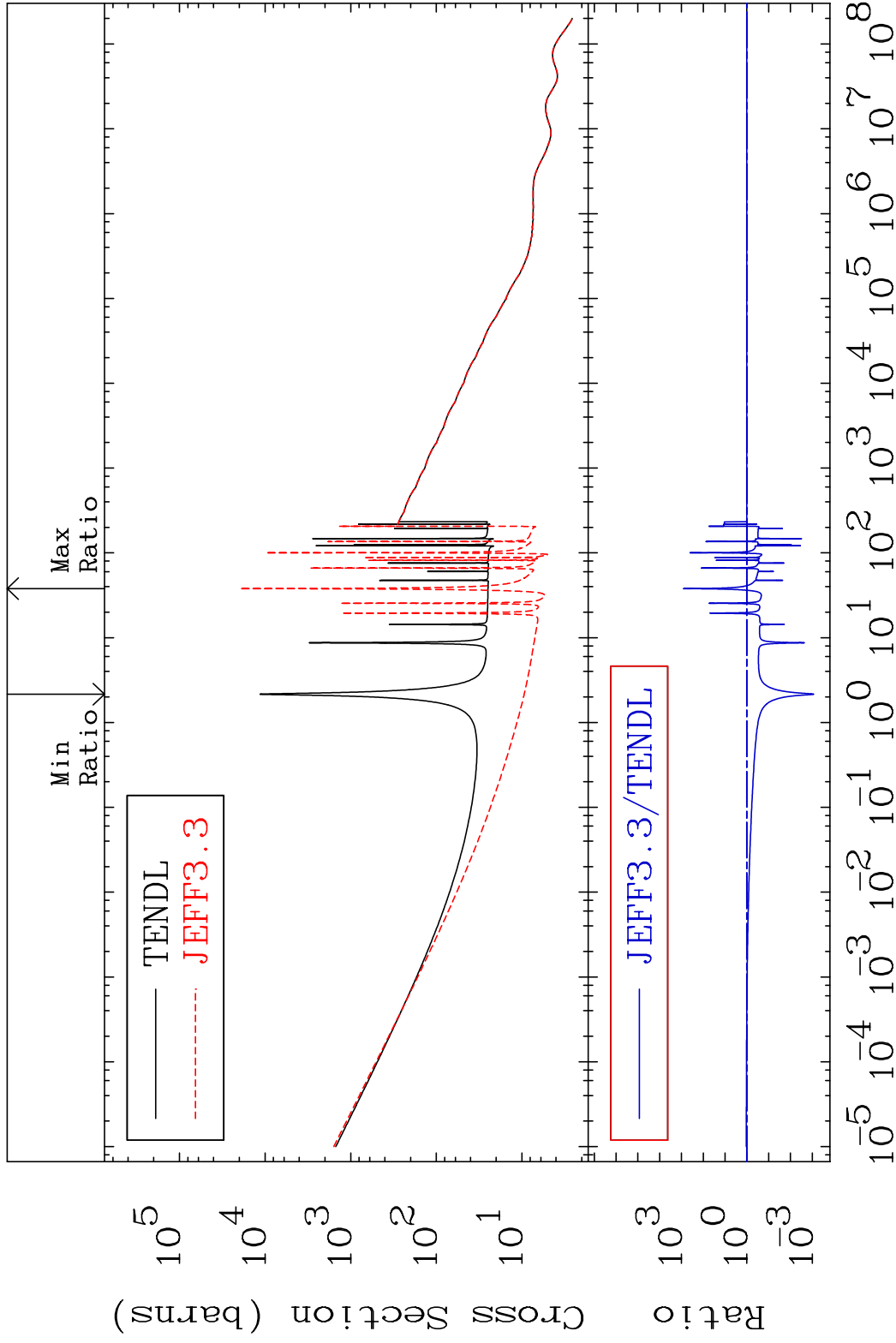
Press Mouse Button to Start

MAT 6846

Total

68-Er-169

Cross Section -99.92 To 9999. %



1

Incident Energy (eV)

68-Er-169

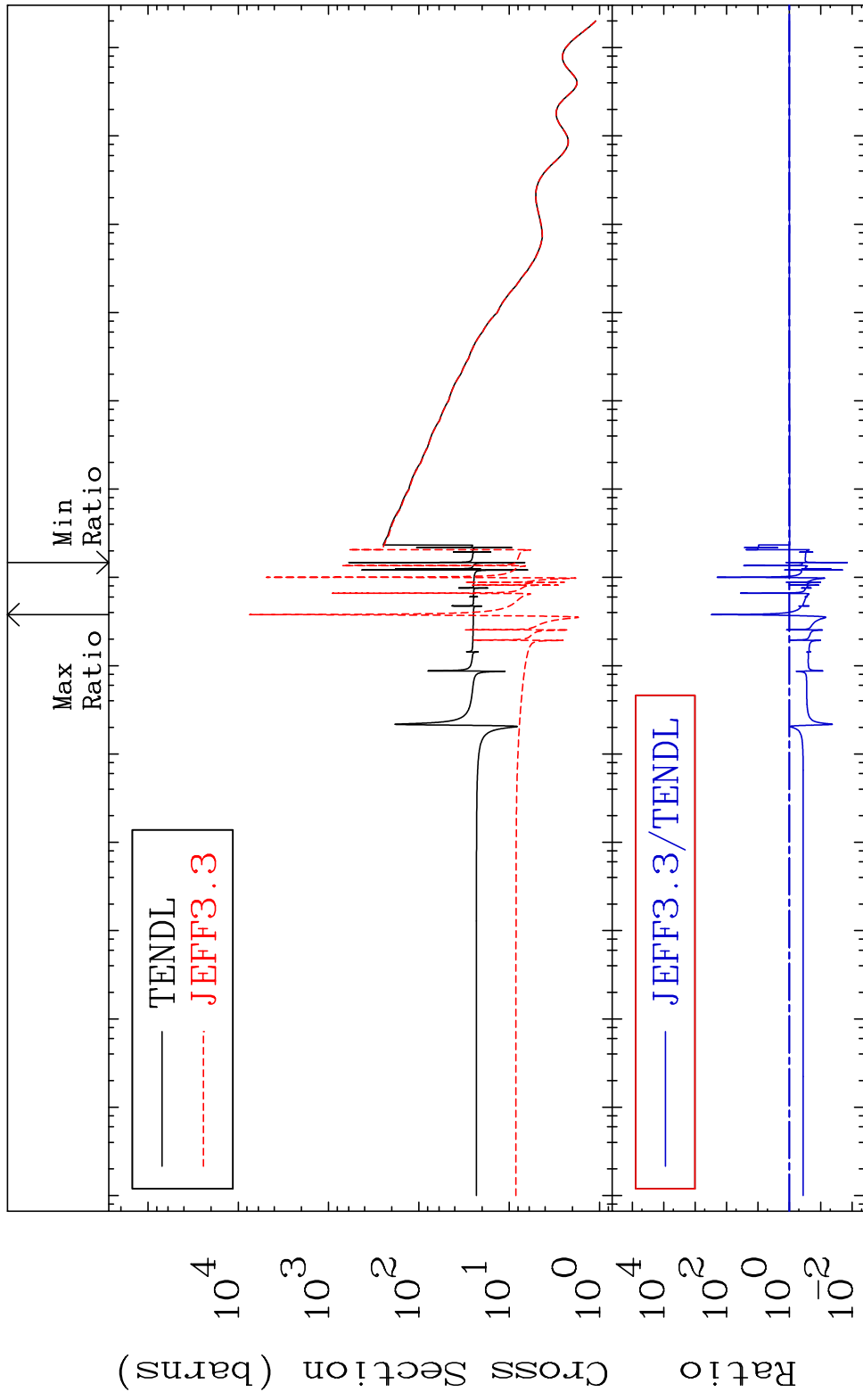
MAT 6846

Elastic

68-Er-169

Cross Section

-98.57 To 9999. %

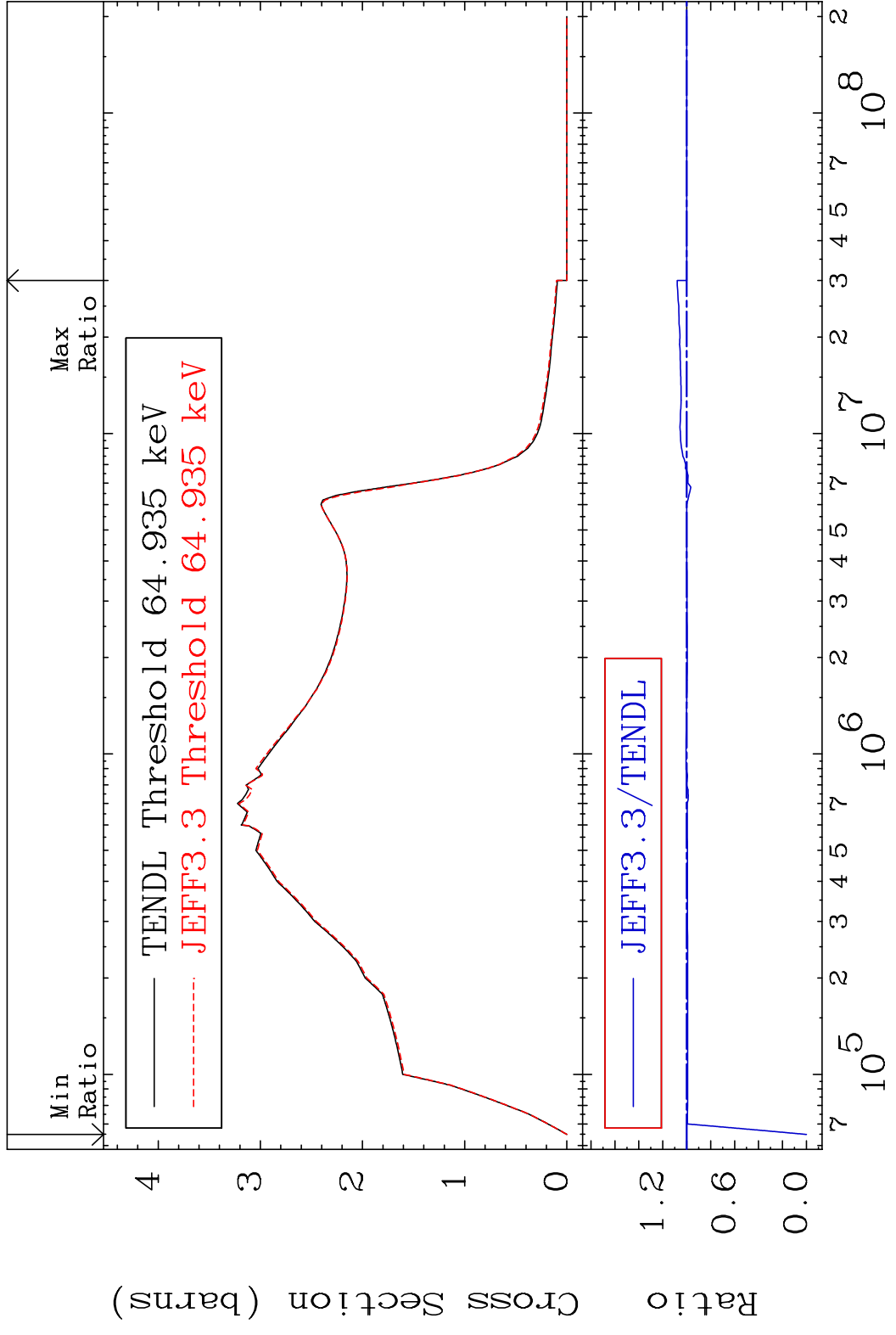


2

Incident Energy (eV)

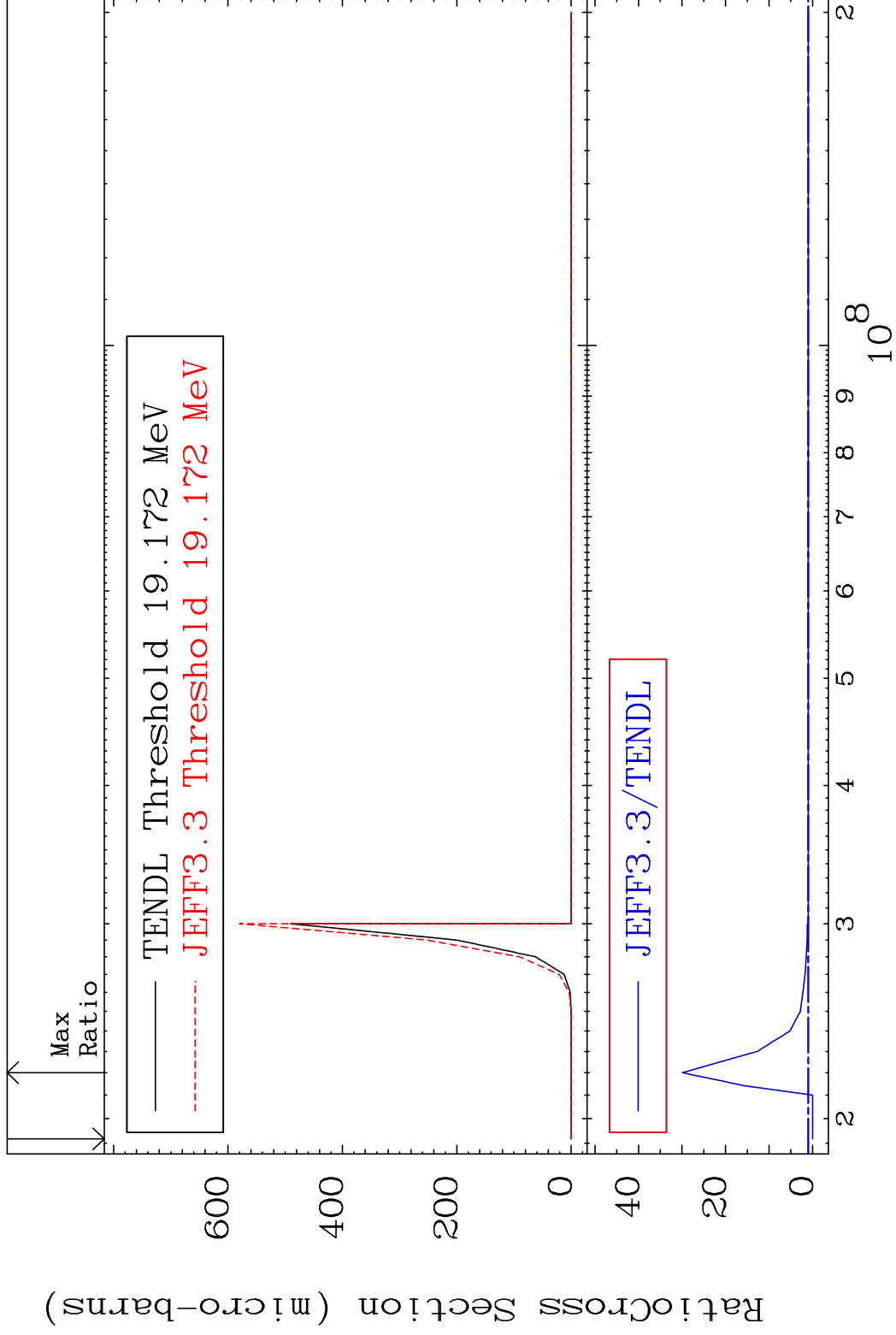
68-Er-169

MAT 6846 Inelastic Cross Section -100.0 To 7.969 % 68-Er-169



3 Incident Energy (eV) 68-Er-169

MAT 6846 (n,2n) d 68-Er-169
 Cross Section -100.0 To 2893. %



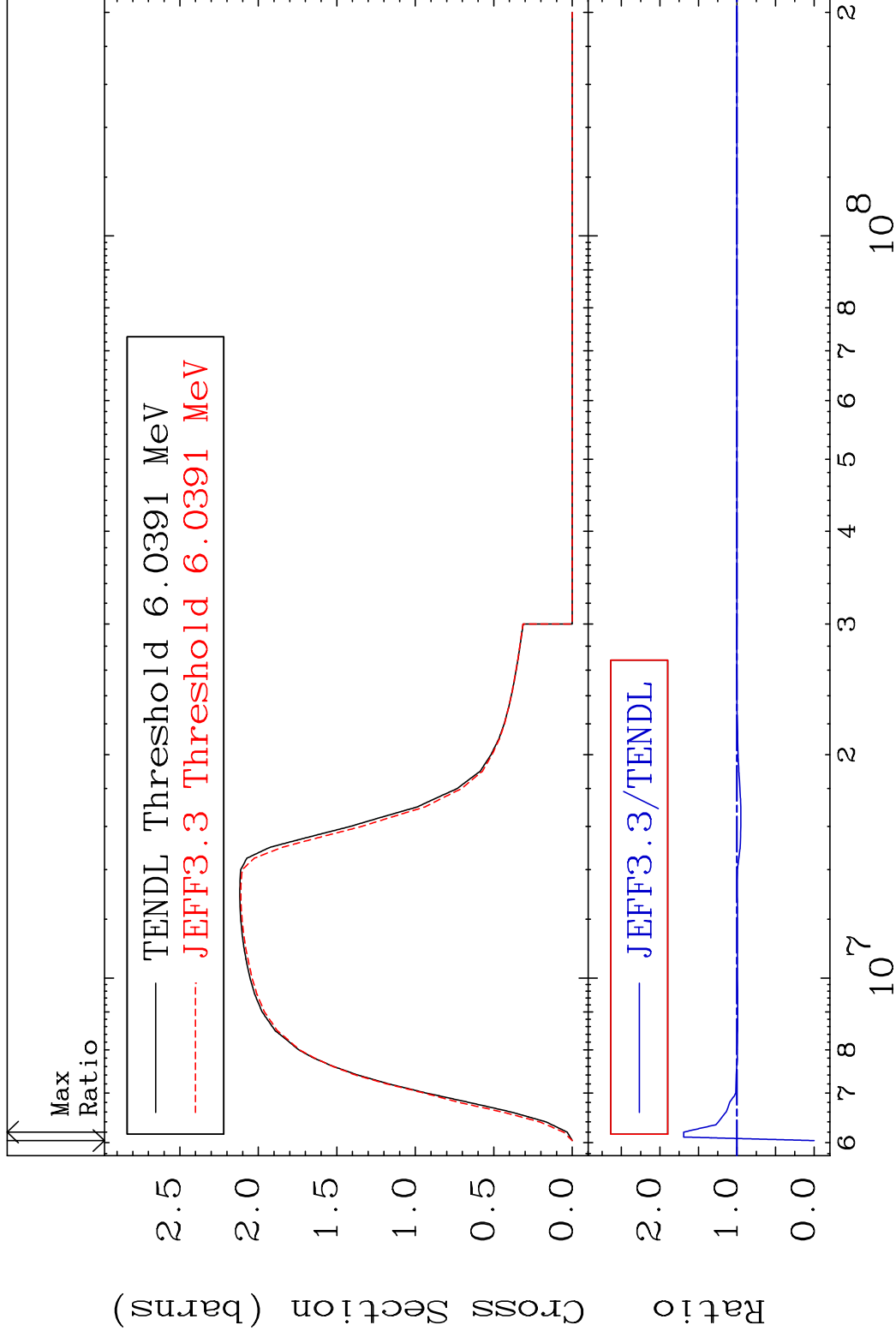
4 Incident Energy (eV) 68-Er-169

MAT 6846

(n,2n)

68-Er-169

Cross Section -100.0 To 69.19 %



5

Incident Energy (eV)

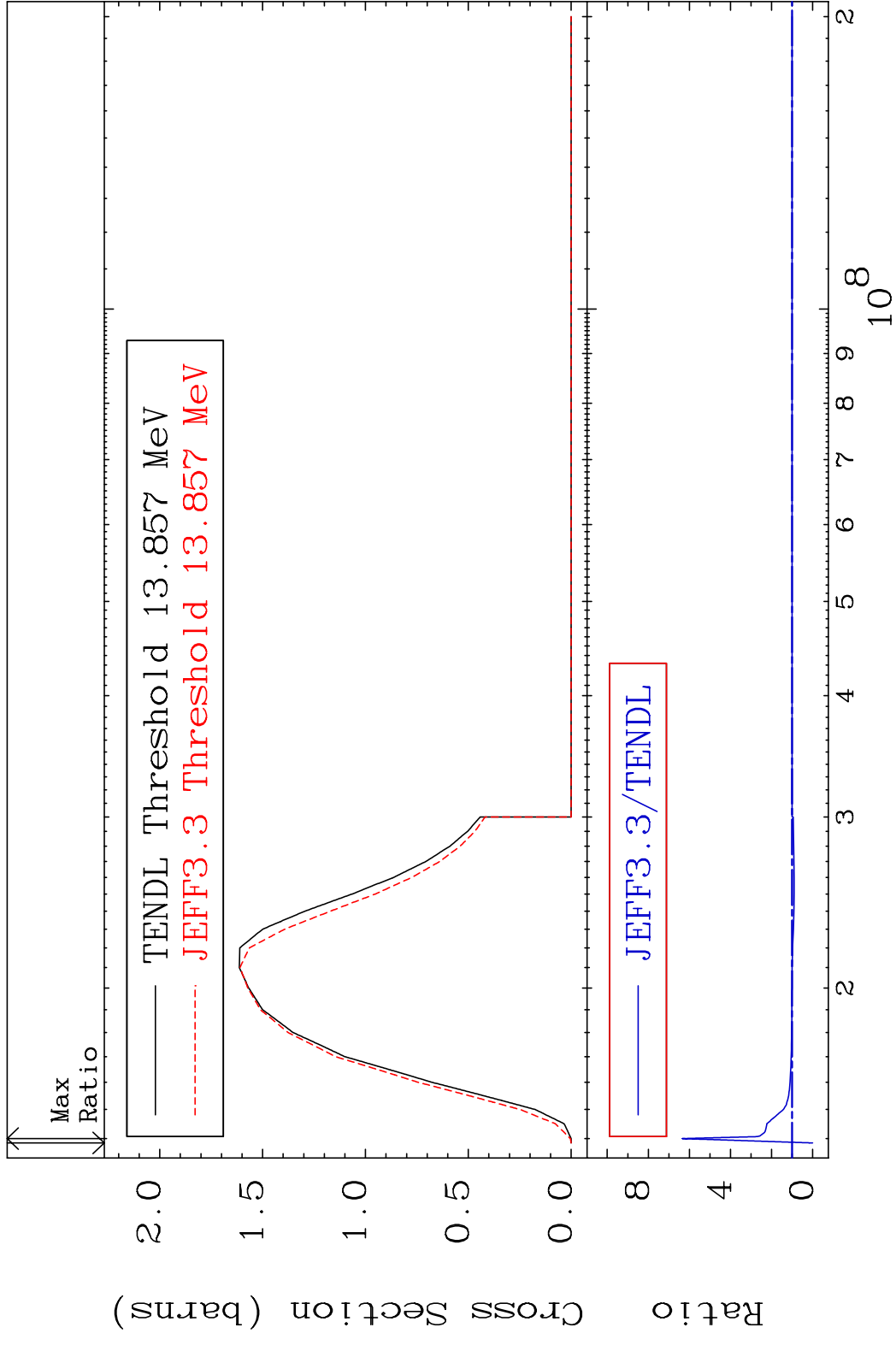
68-Er-169

MAT 6846

(n,3n)

68-Er-169

Cross Section -100.0 To 534.2 %



6

Incident Energy (eV)

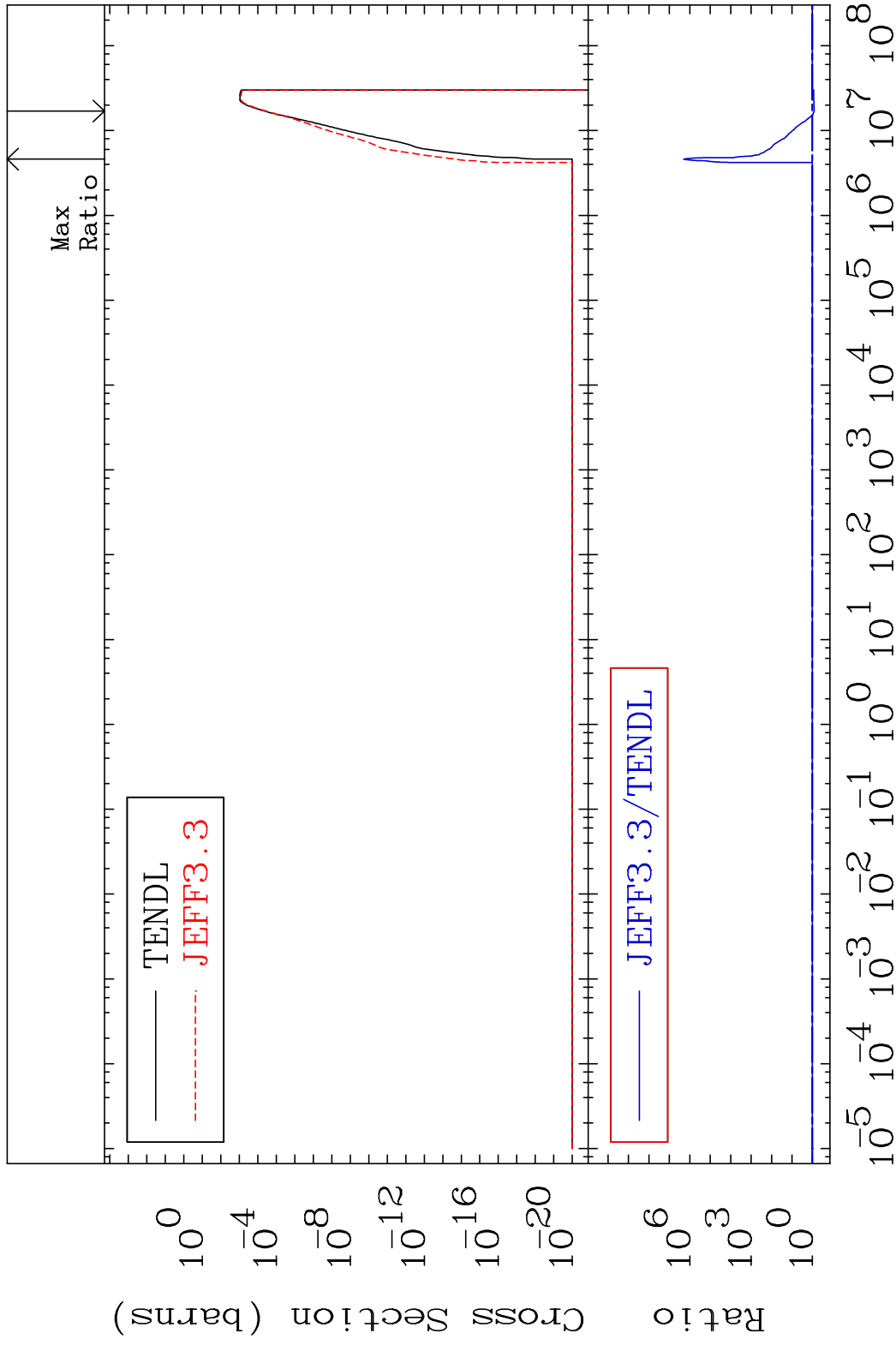
68-Er-169

MAT 6846

(n, n') α

68-Er-169

Cross Section -17.15 To 9999. %



7

Incident Energy (eV)

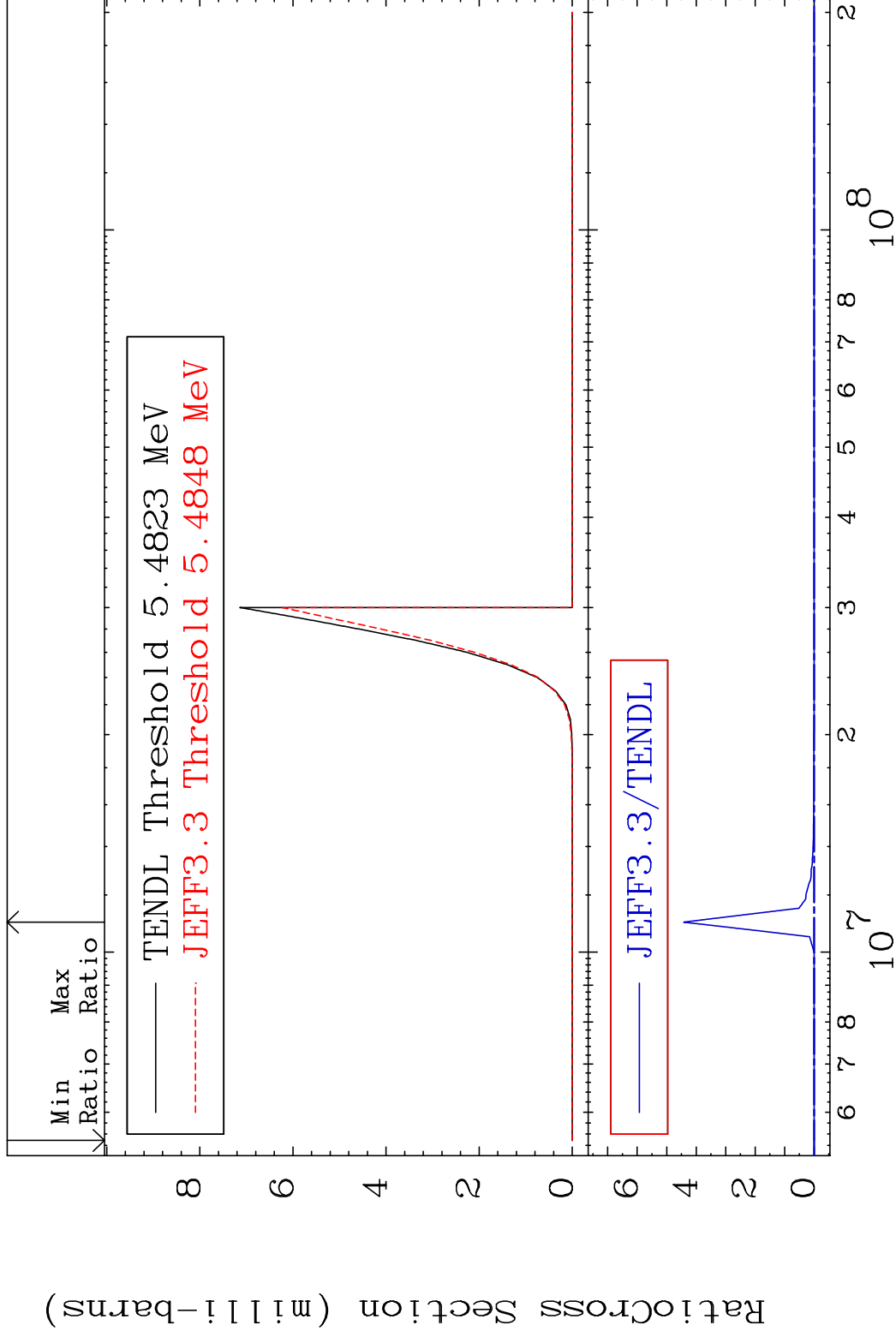
68-Er-169

MAT 6846

(n,2n) α

68-Er-169

Cross Section -100.0 To 9999. %

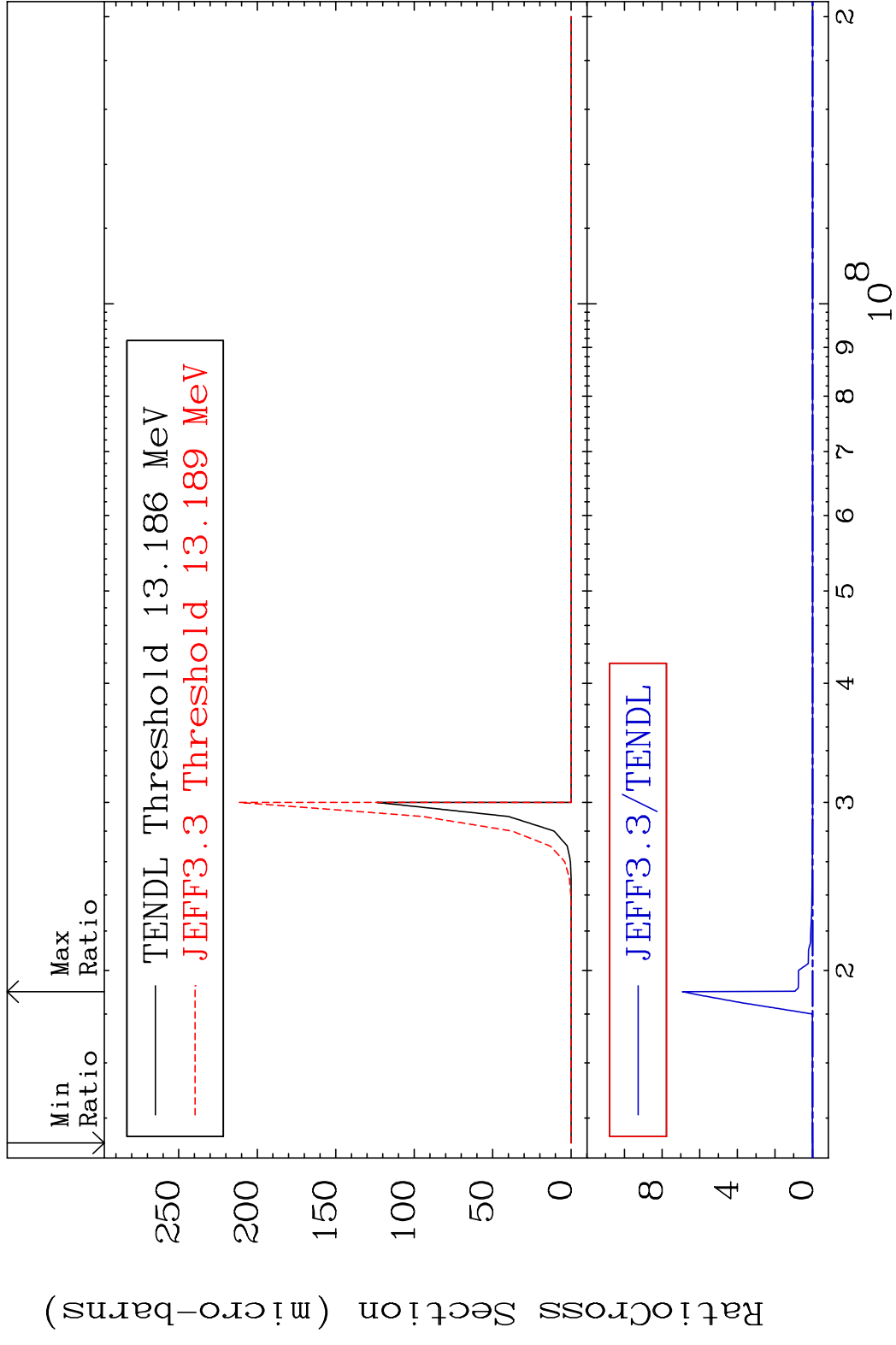


8

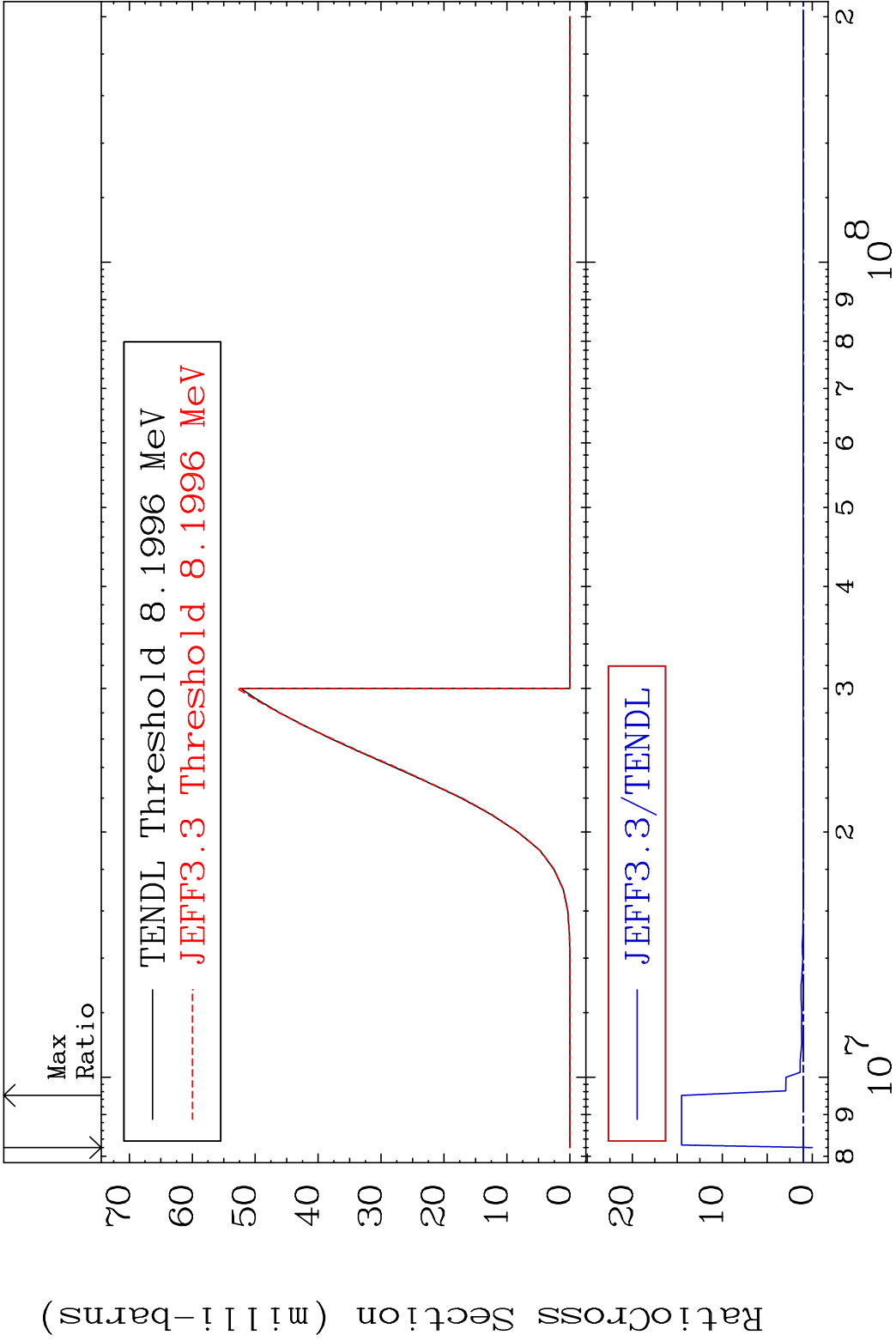
Incident Energy (eV)

68-Er-169

MAT 6846 (n,3n) α 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 (n, n') p 68-Er-169
 Cross Section -100.0 To 1353. %



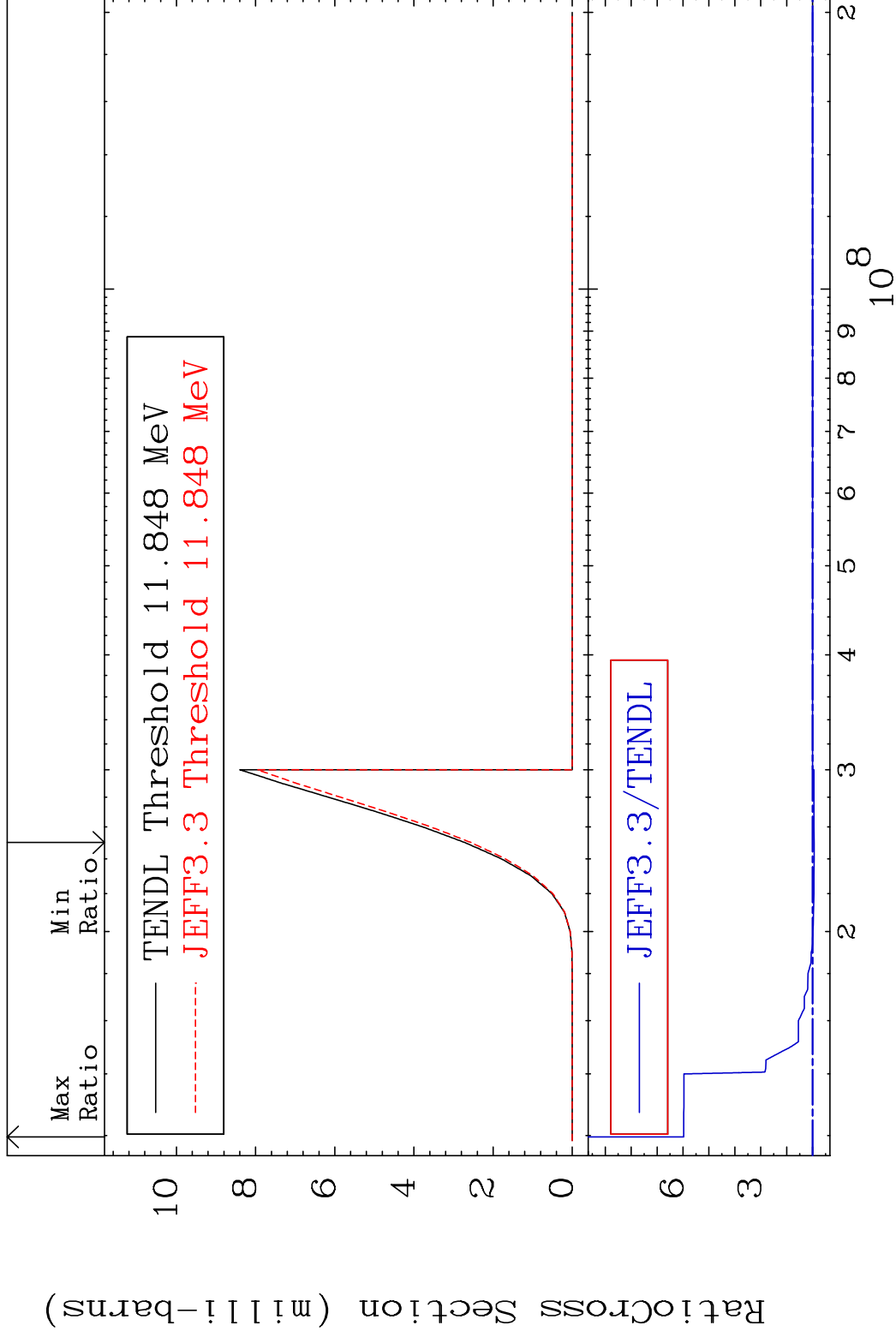
10 8 9 Incident Energy (eV) 68-Er-169

MAT 6846

(n, n') d

68-Er-169

Cross Section -5.712 To 497.5 %

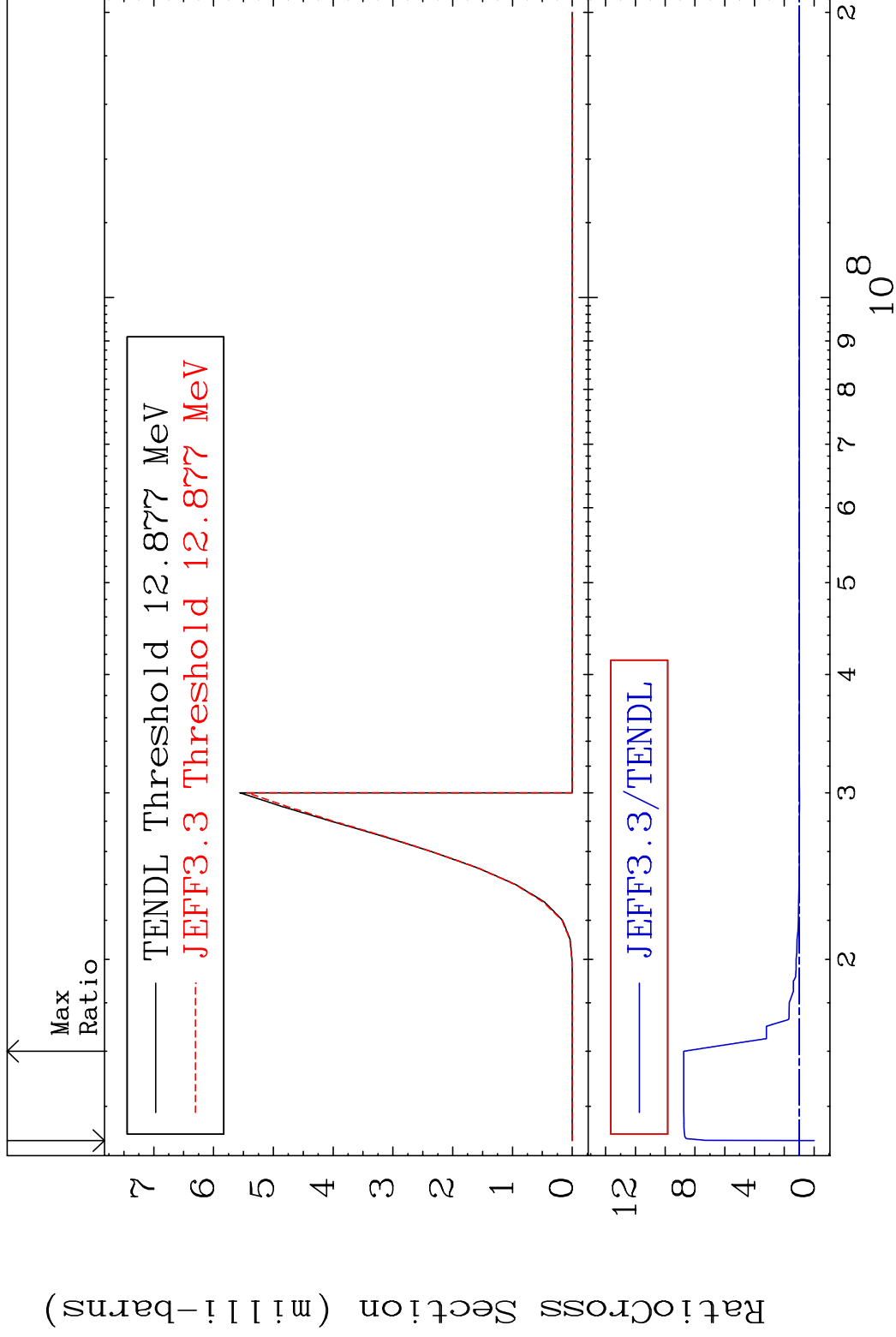


MAT 6846

(n, n') t

68-Er-169

Cross Section -100.0 To 776.1 %

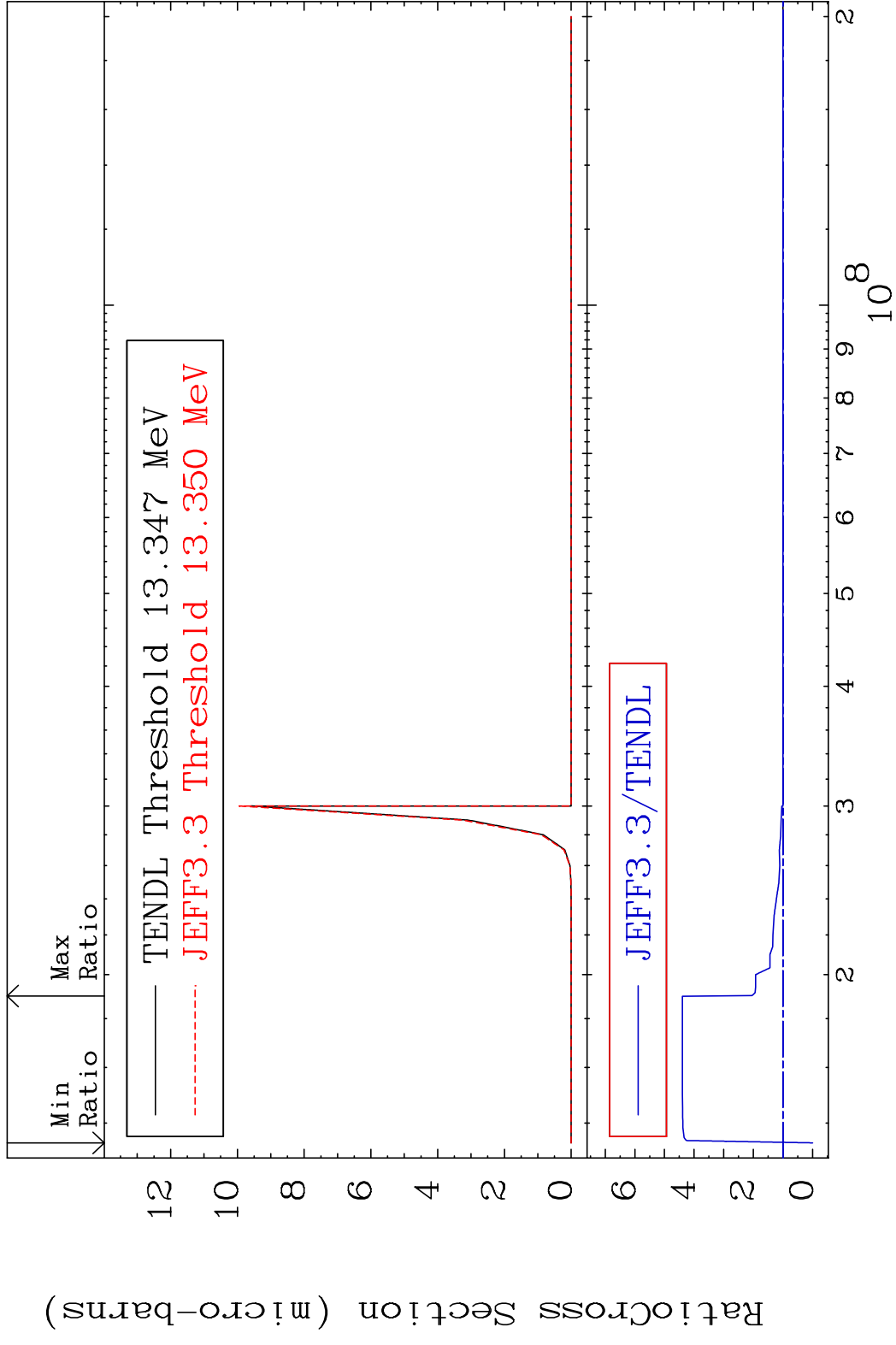


12

Incident Energy (eV)

68-Er-169

MAT 6846 (n,n') He-3 68-Er-169
 Cross Section -100.0 To 339.6 %

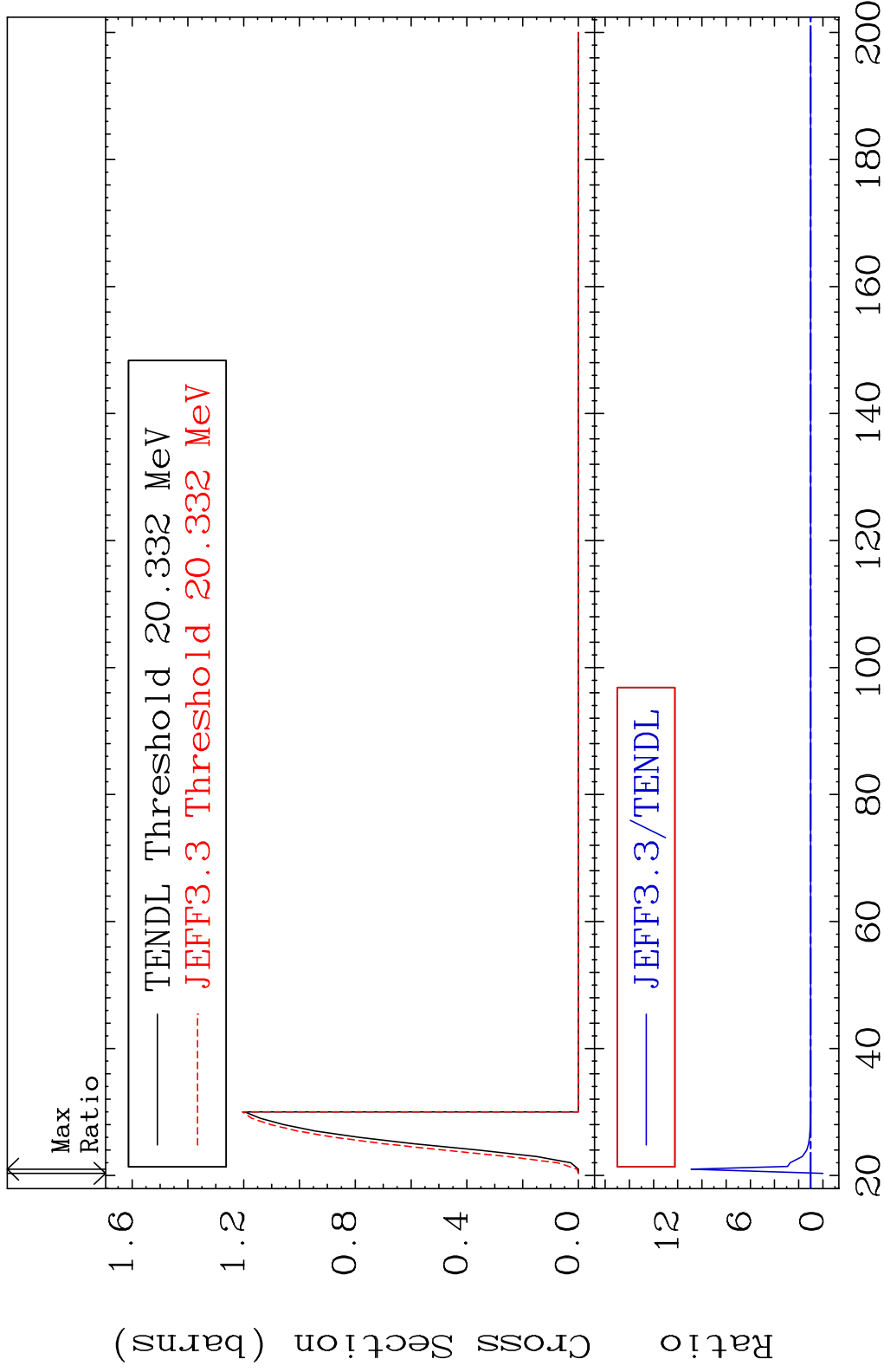


MAT 6846

(n,4n)

68-Er-169

Cross Section -100.0 To 990.2 %



14

Incident Energy (MeV)

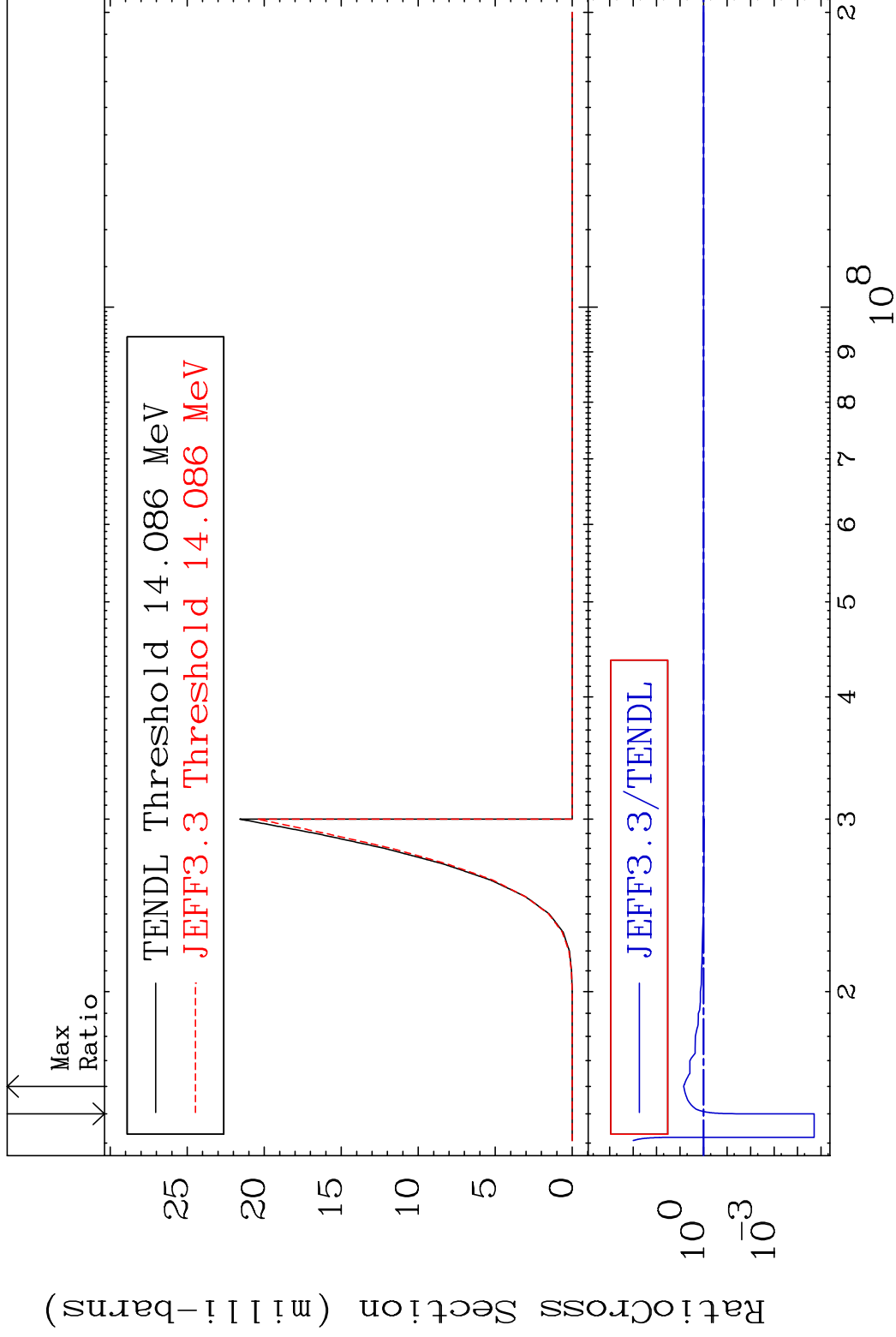
68-Er-169

MAT 6846

(n,2n) p

68-Er-169

Cross Section -100.0 To 605.9 %

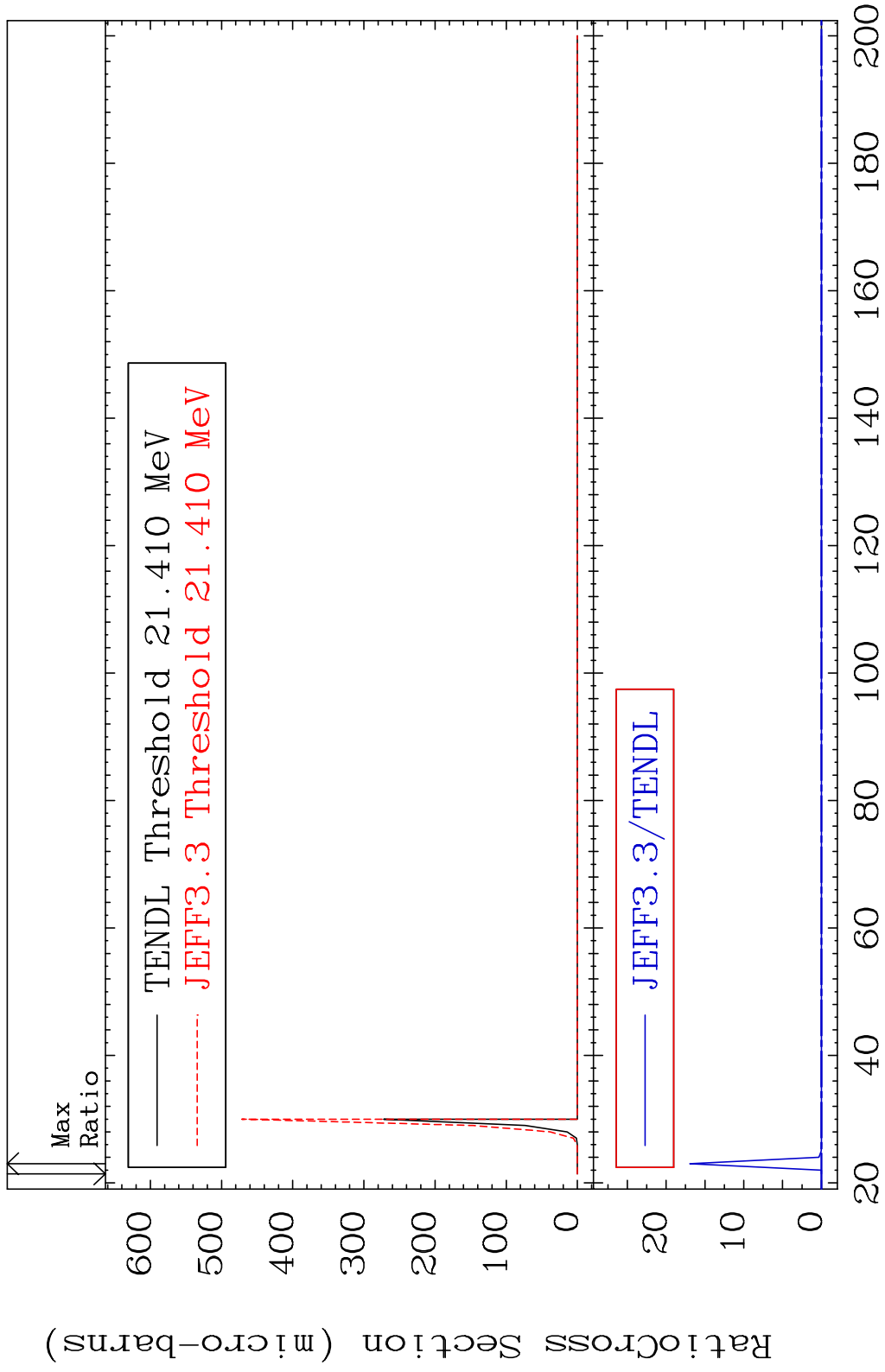


MAT 6846

(n,3n) p

68-Er-169

Cross Section -100.0 To 9999. %

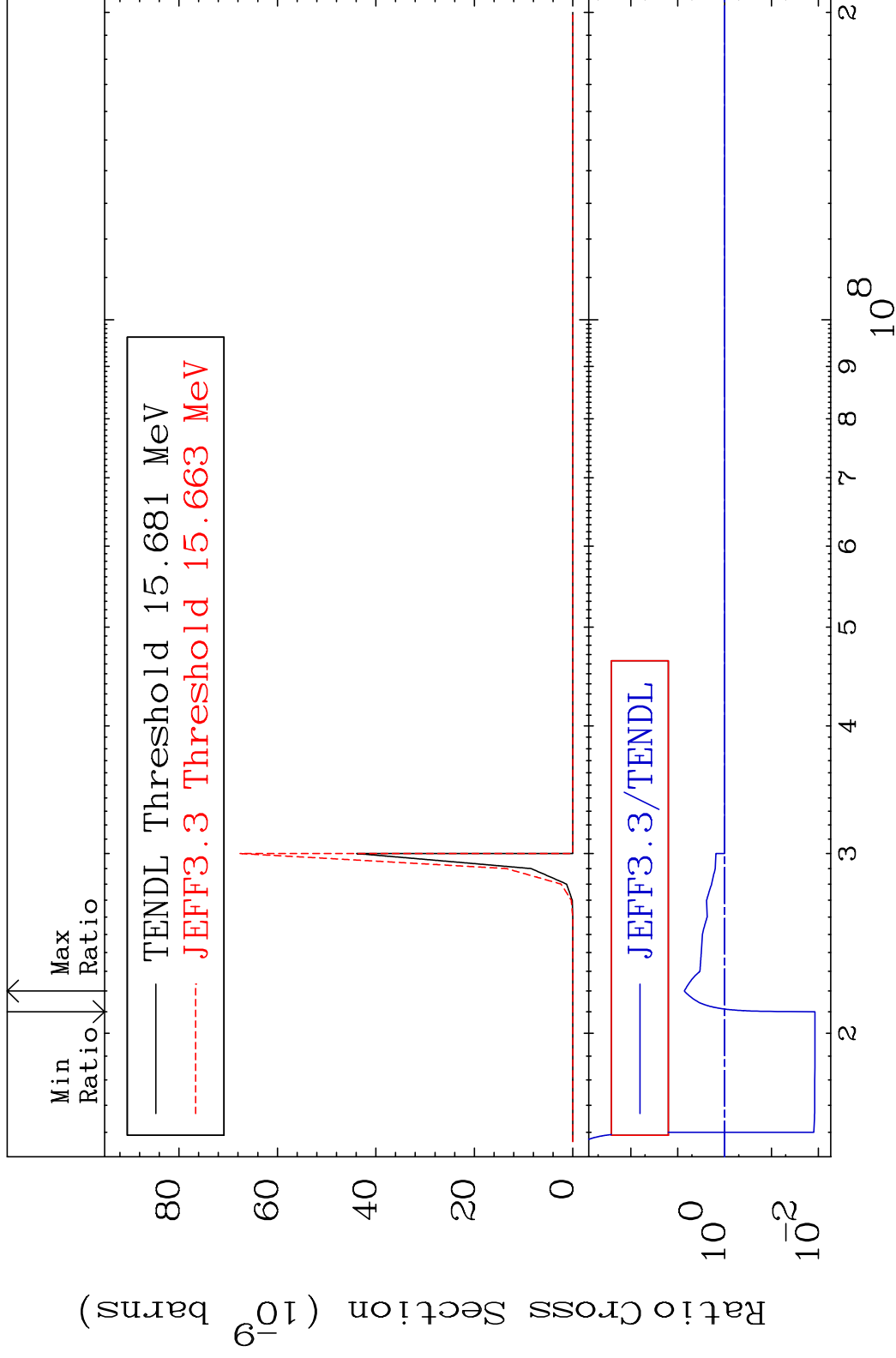


MAT 6846

(n,2n) p

68-Er-169

Cross Section -98.81 To 625.3 %

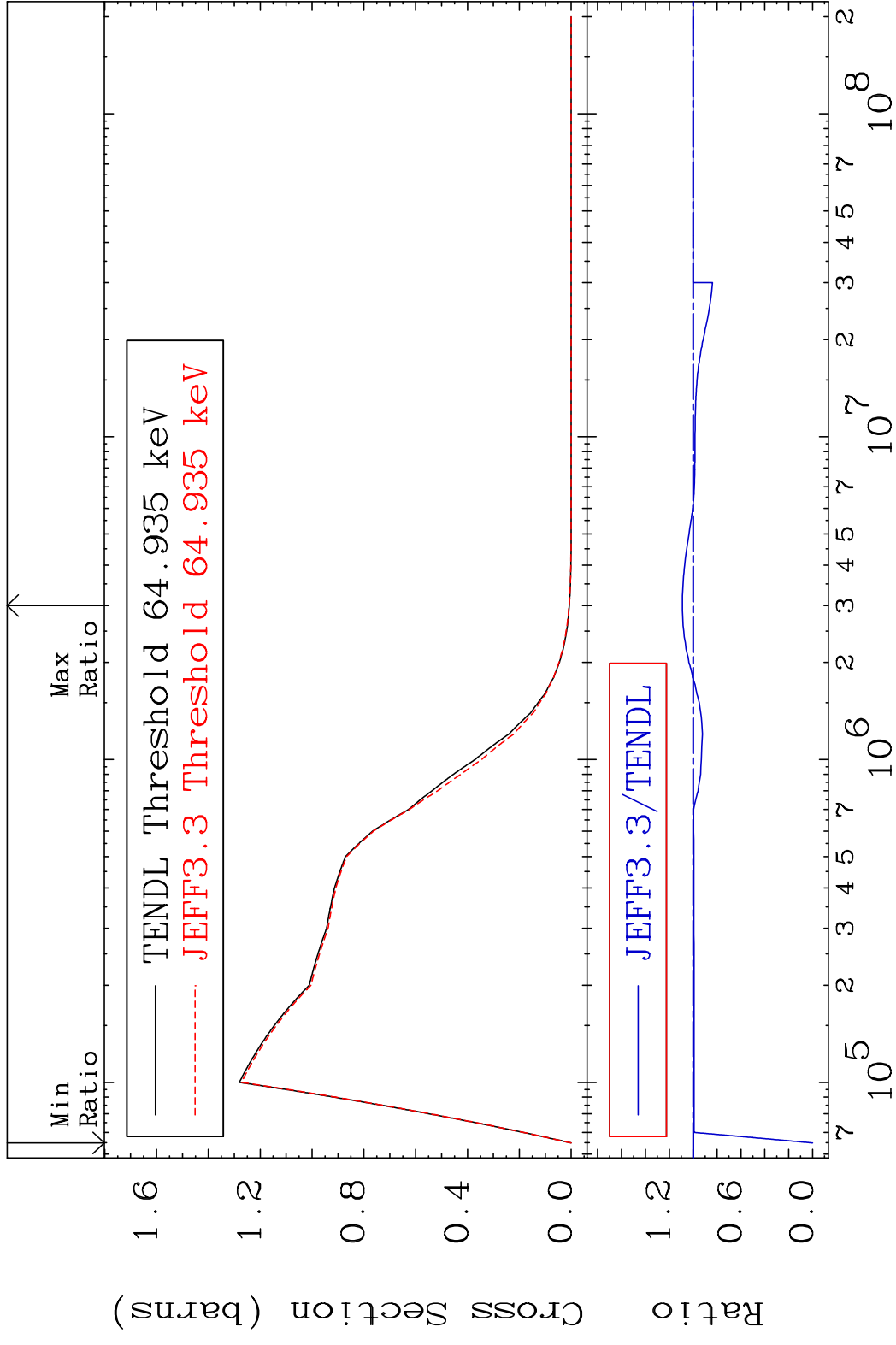


17

Incident Energy (eV)

68-Er-169

MAT 6846 MT= 51 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9.059 %

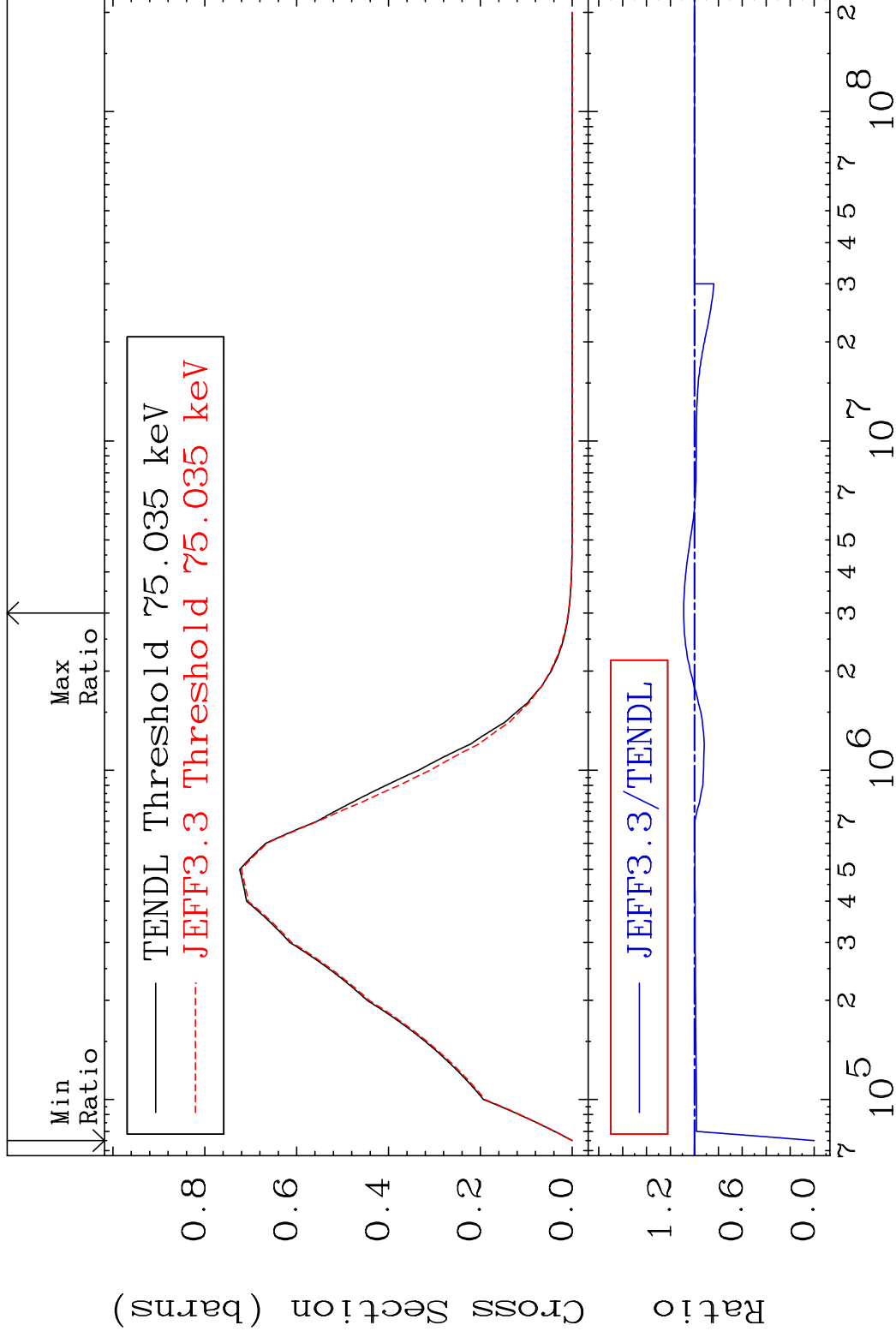


MAT 6846

MT= 52 (n, n') Level

68-Er-169

Cross Section -100.0 To 8.978 %

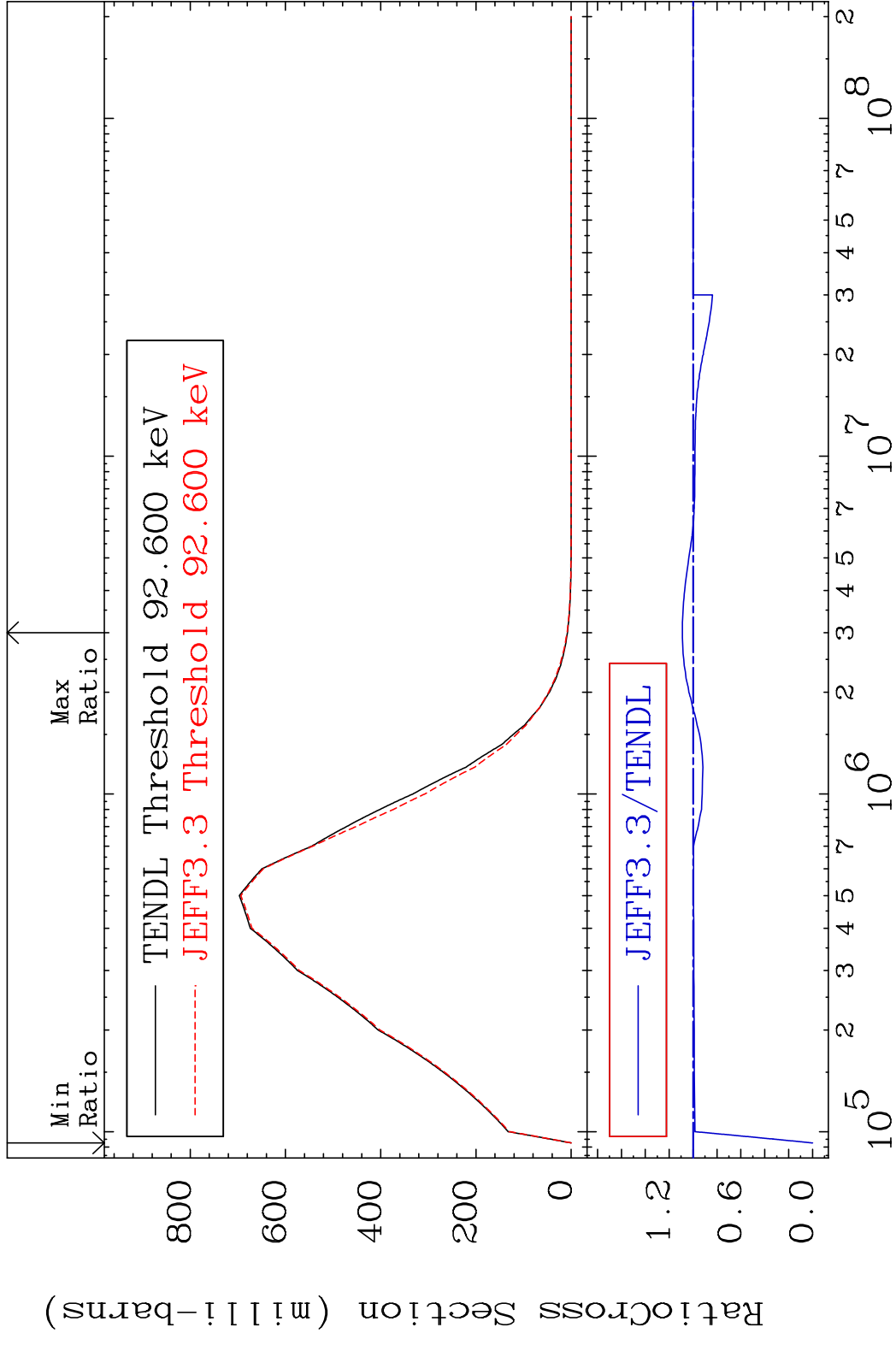


19

Incident Energy (eV)

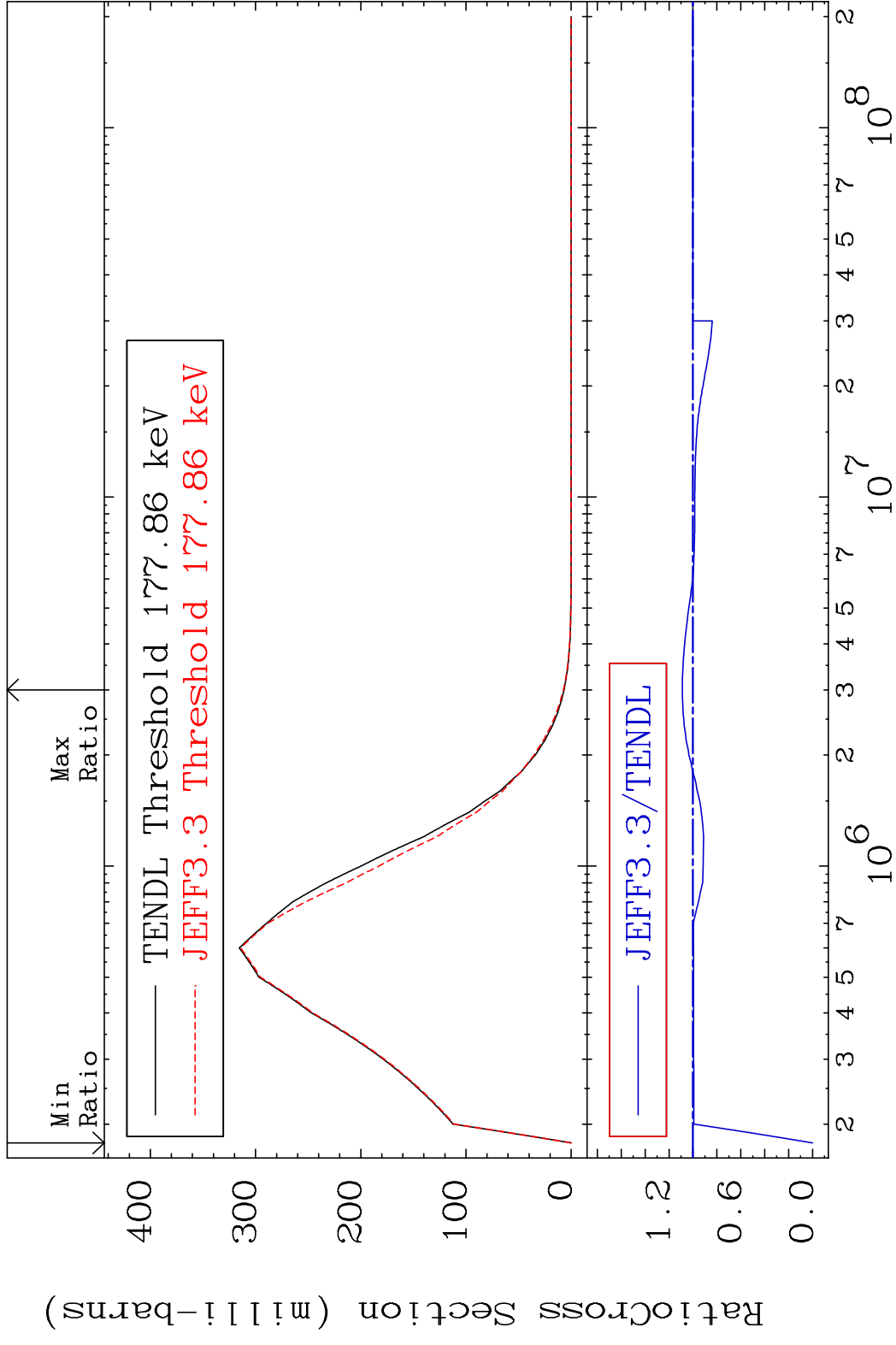
68-Er-169

MAT 6846 MT= 53 (n, n') Level 68-Er-169
 Cross Section -100.0 To 8.977 %

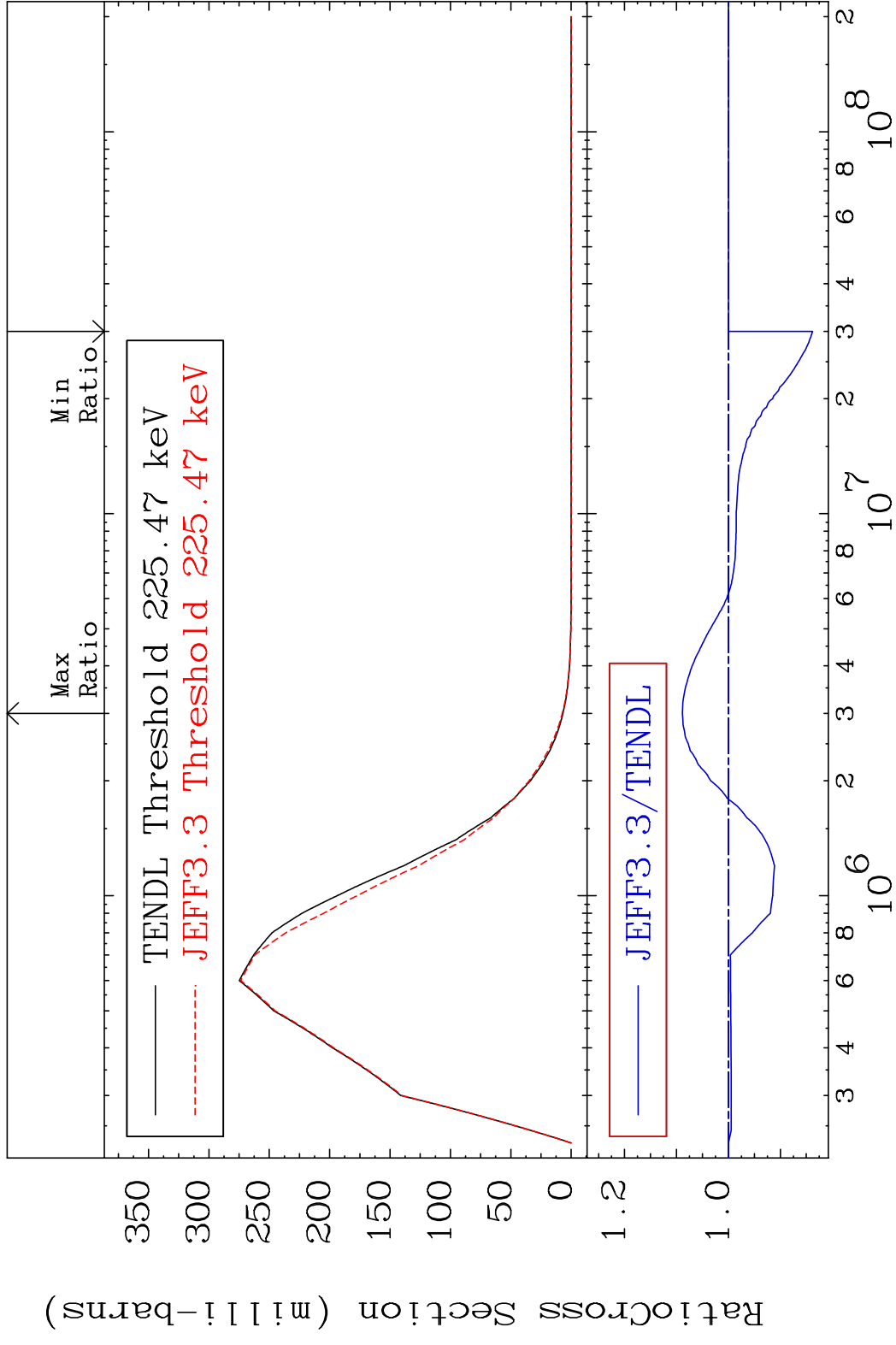


20 Incident Energy (eV) 68-Er-169

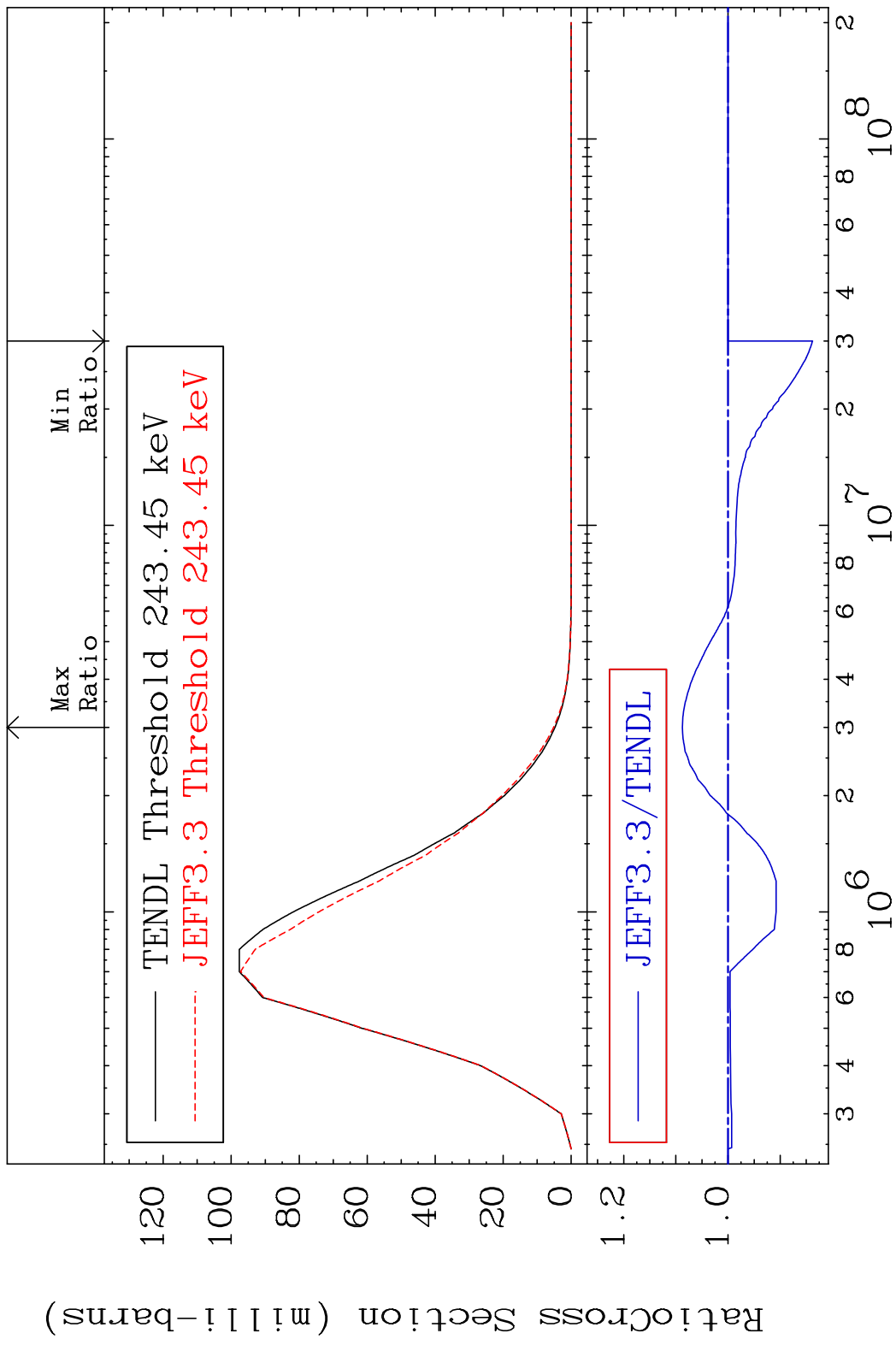
MAT 6846 MT= 54 (n, n') Level 68-Er-169
 Cross Section -100.0 To 8.875 %



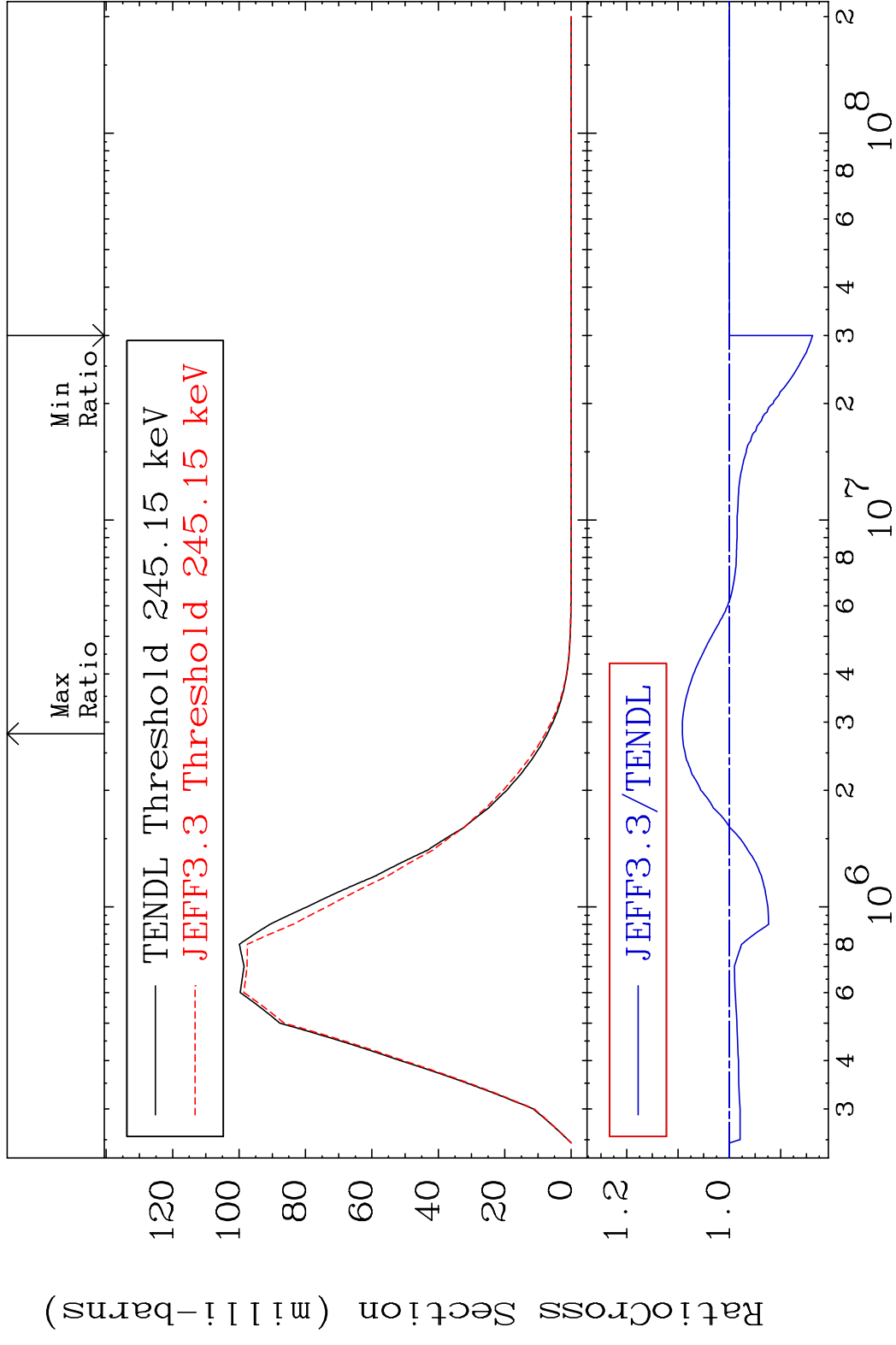
MAT 6846 MT= 55 (n, n') Level 68-Er-169
 Cross Section -16.20 To 8.872 %



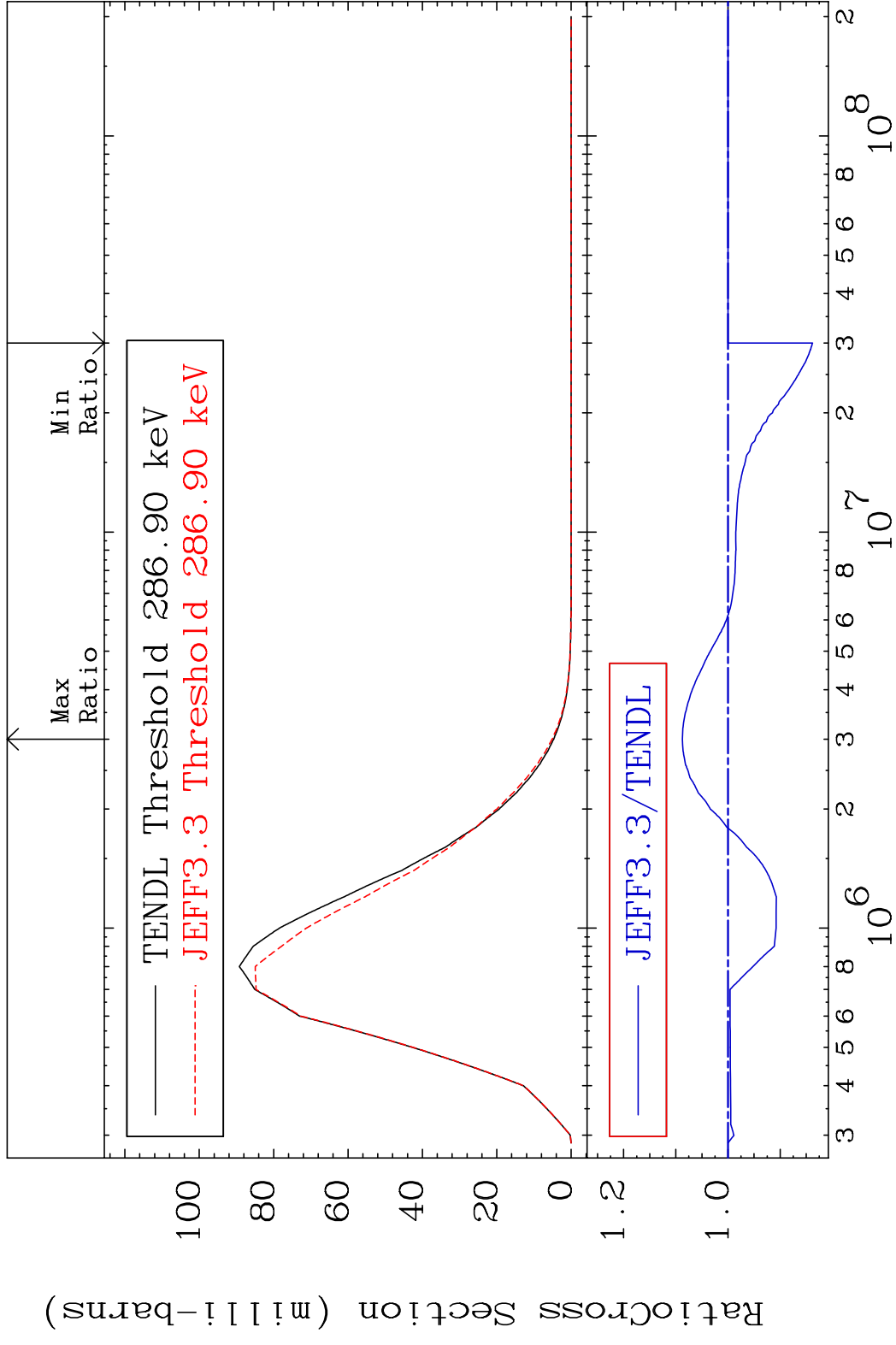
MAT 6846 MT= 56 (n,n') Level 68-Er-169
 Cross Section -16.20 To 8.754 %



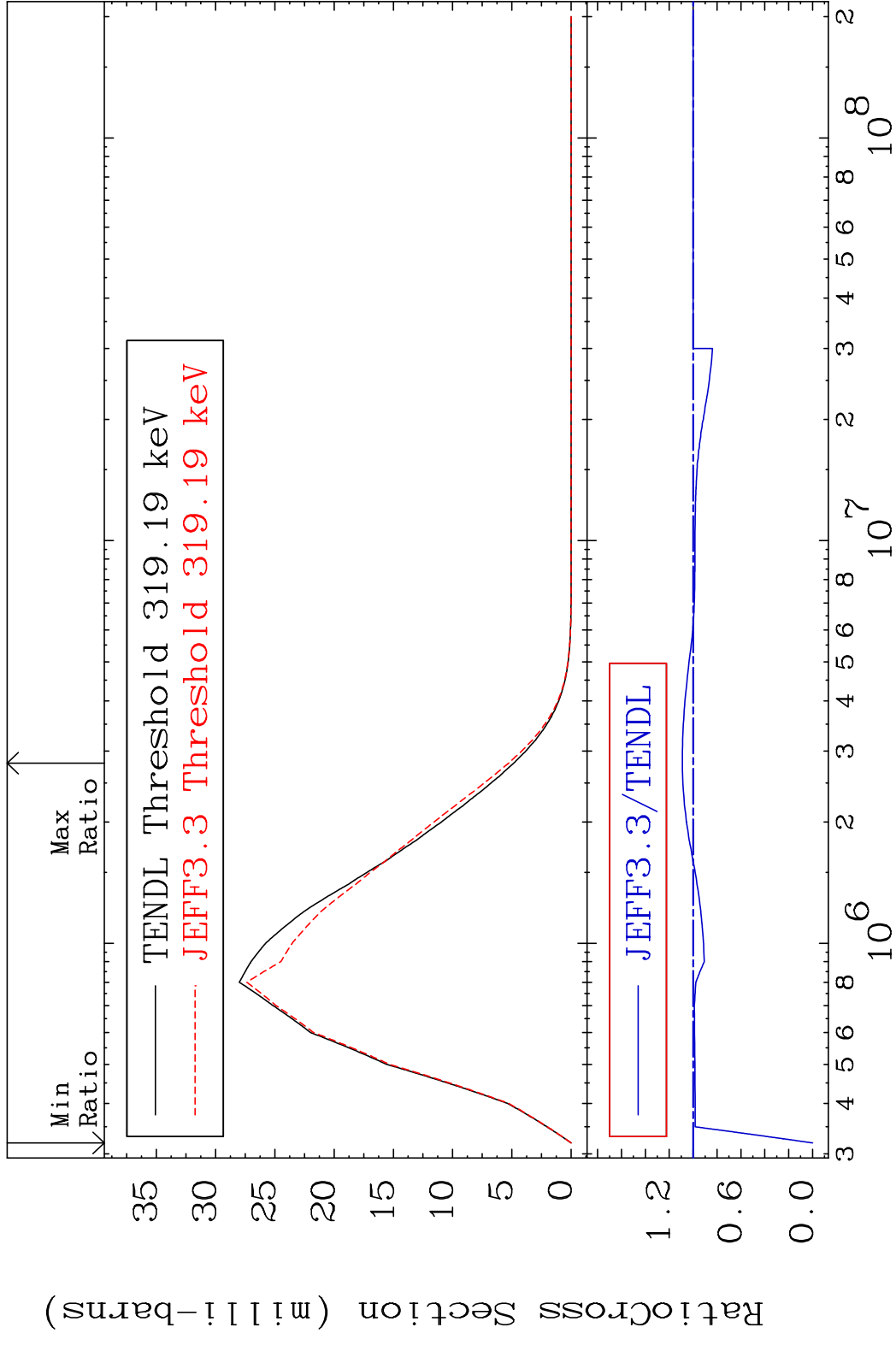
MAT 6846 MT= 57 (n, n') Level 68-Er-169
 Cross Section -16.20 To 9.153 %



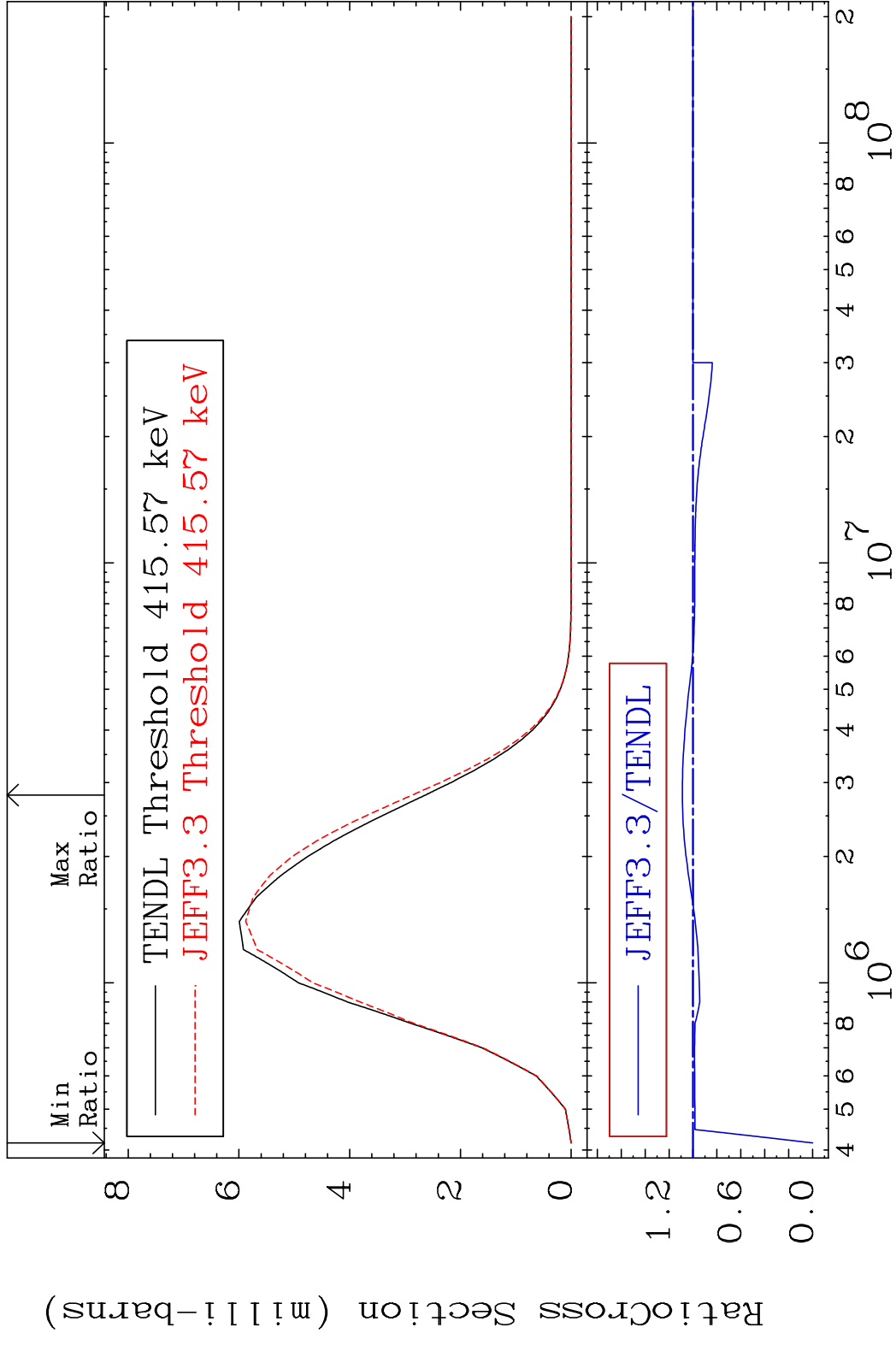
MAT 6846 MT= 58 (n, n') Level 68-Er-169
 Cross Section -16.20 To 8.749 %



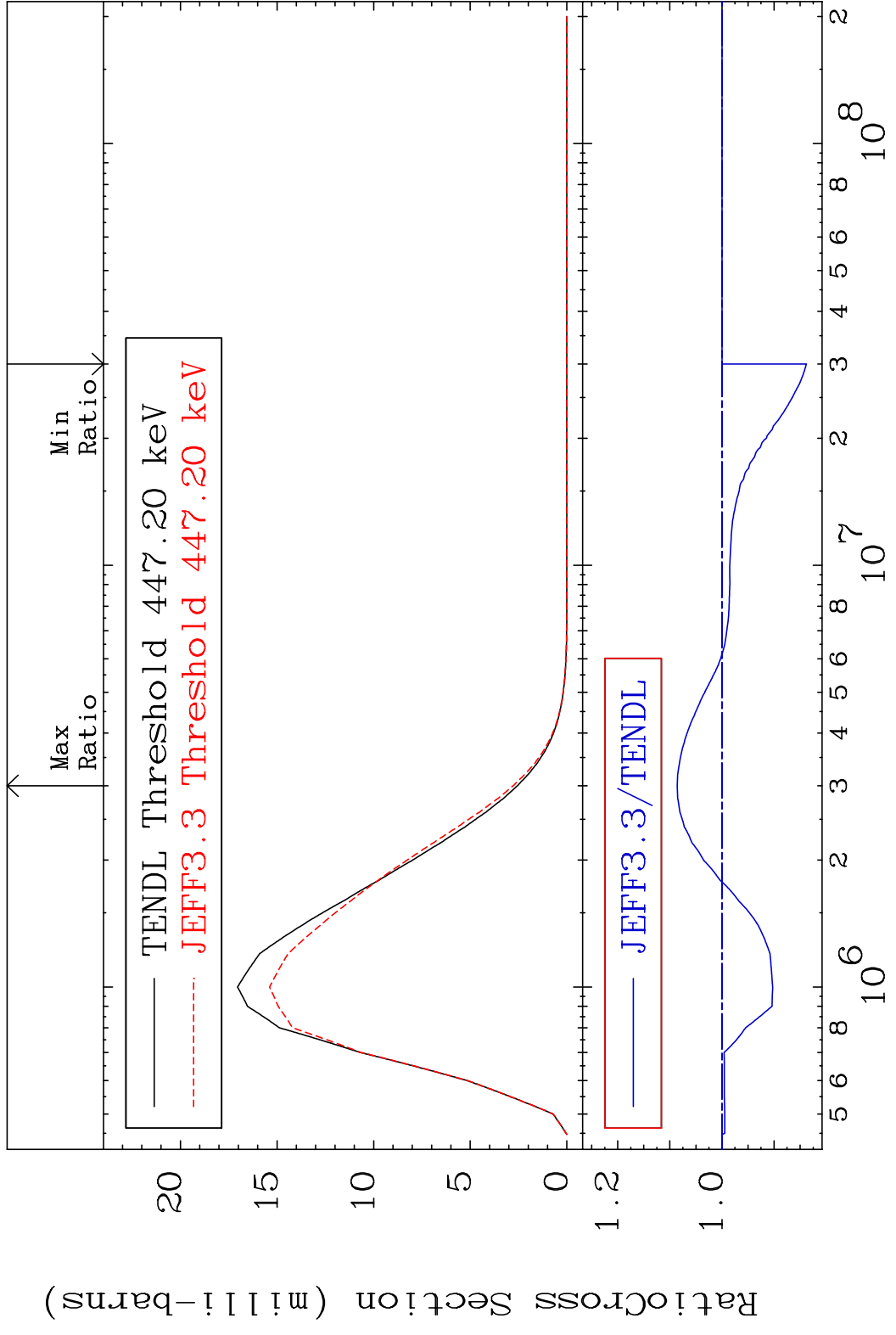
MAT 6846 MT= 59 (n,n') Level 68-Er-169
 Cross Section -100.0 To 9.031 %



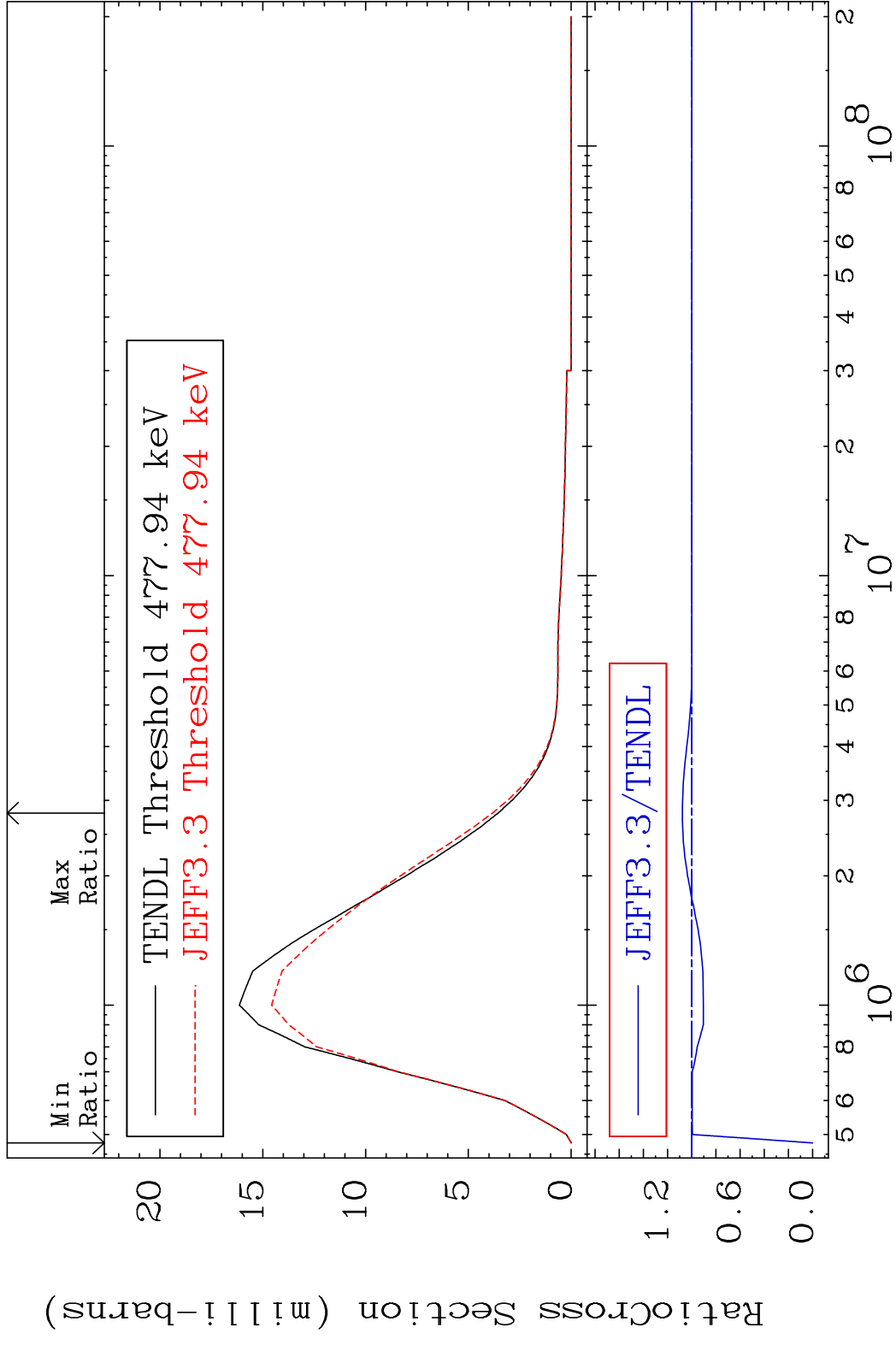
MAT 6846 MT= 60 (n,n') Level 68-Er-169
 Cross Section -100.0 To 8.893 %



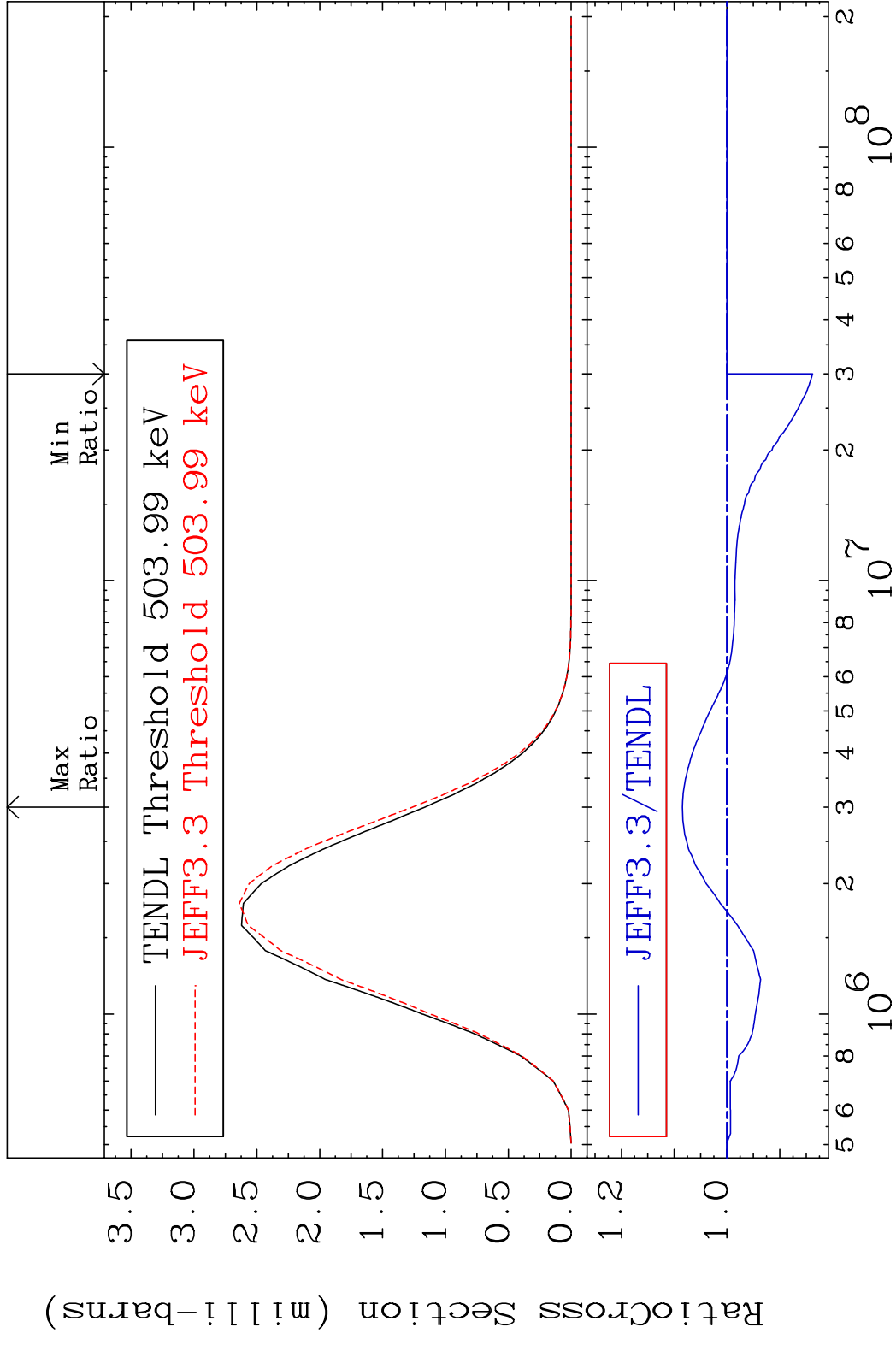
MAT 6846 MT= 61 (n, n') Level 68-Er-169
 Cross Section -16.21 To 8.595 %



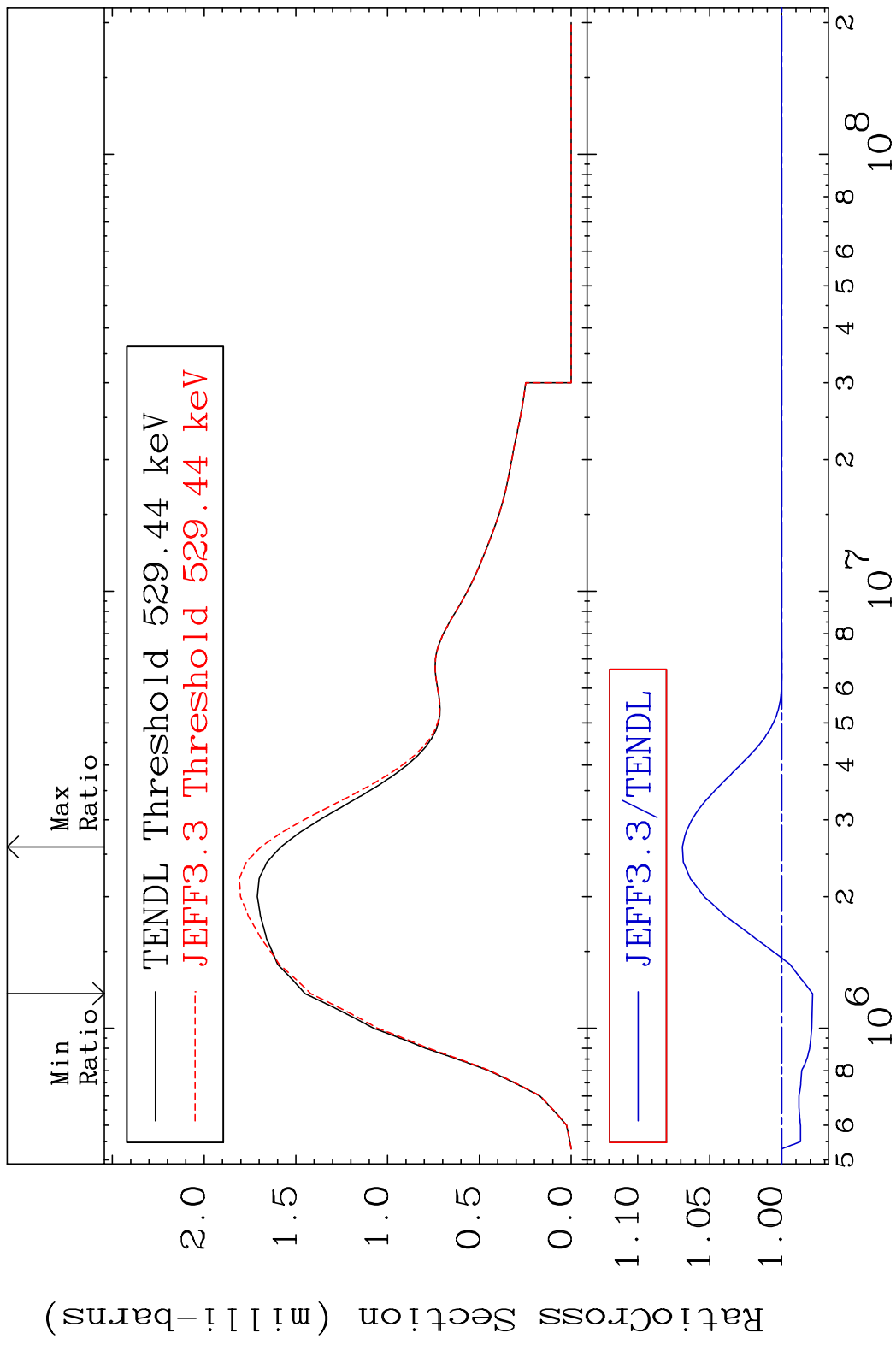
MAT 6846 MT= 62 (n, n') Level 68-Er-169
 Cross Section -100.0 To 7.745 %



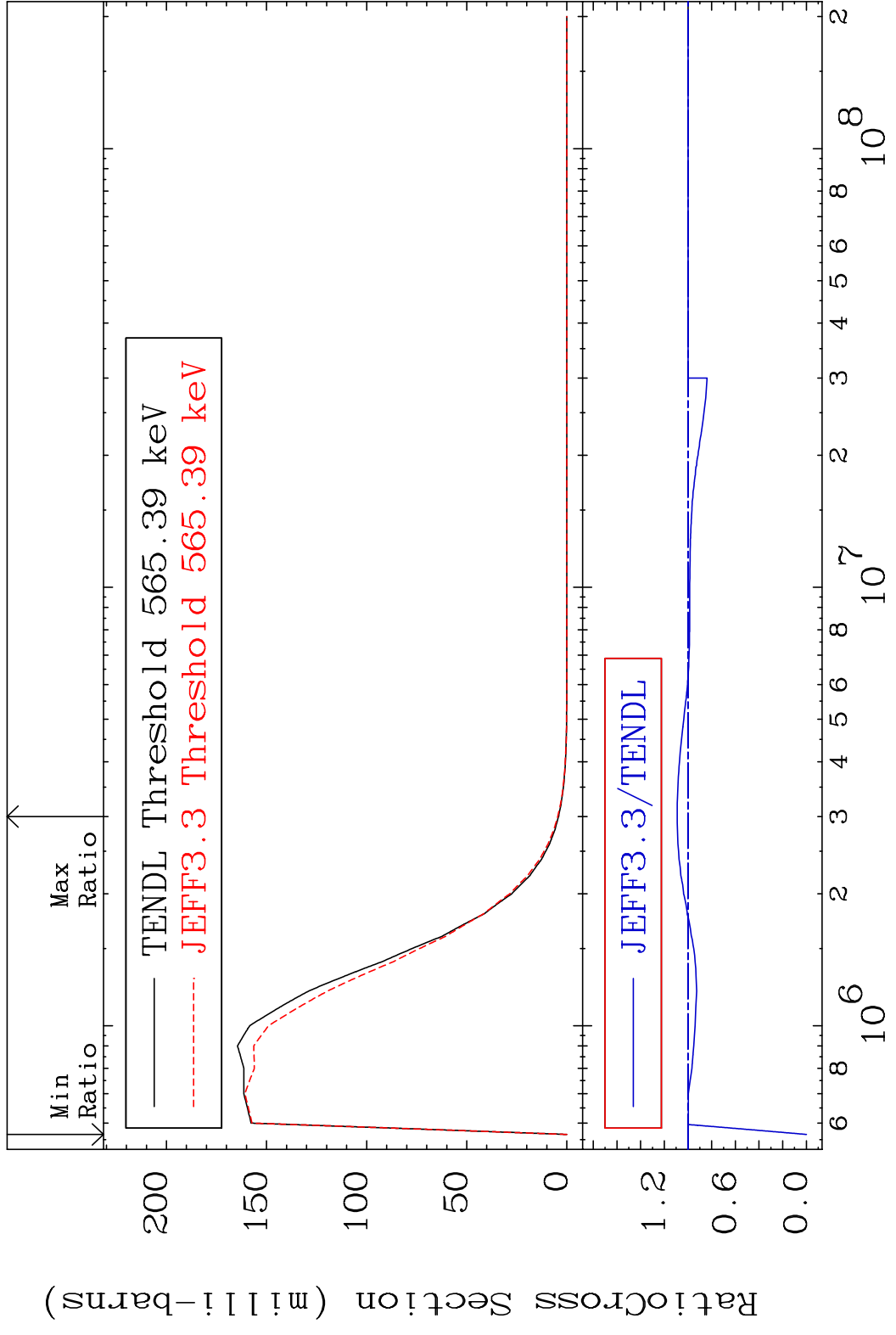
MAT 6846 MT= 63 (n, n') Level 68-Er-169
 Cross Section -16.21 To 8.452 %



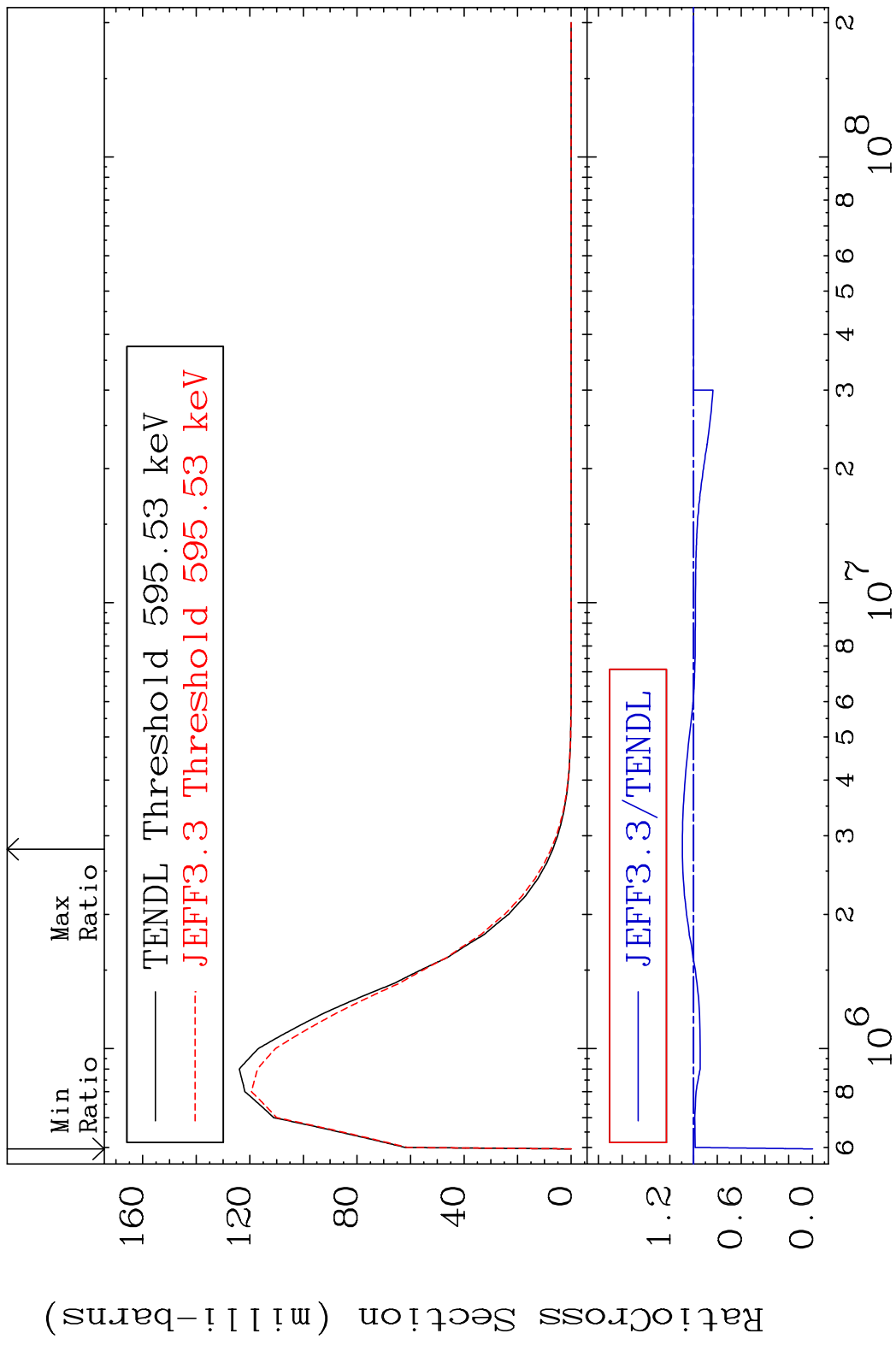
MAT 6846 MT= 64 (n, n') Level 68-Er-169
 Cross Section -2.153 To 6.899 %



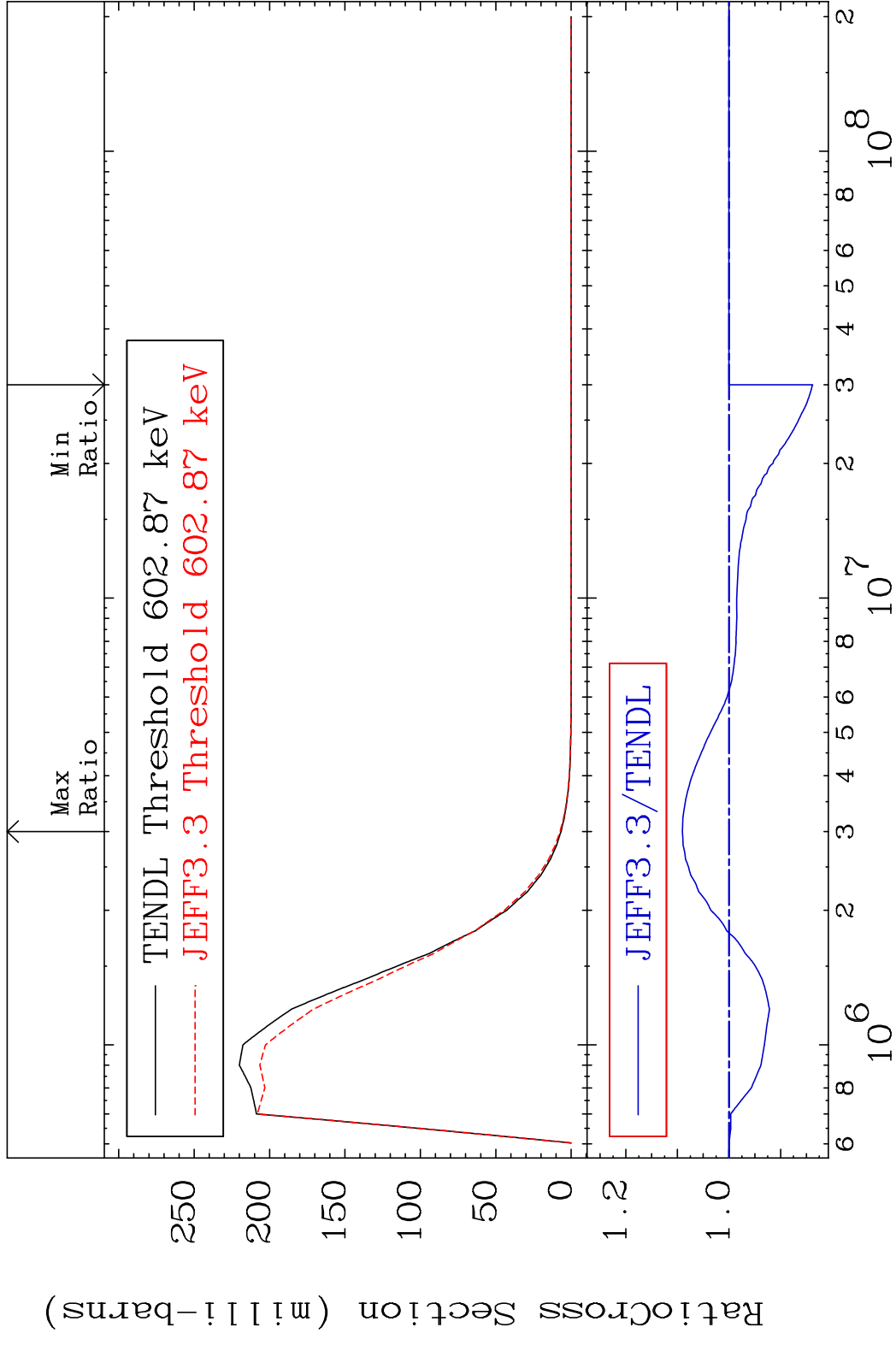
MAT 6846 MT= 65 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9.115 %



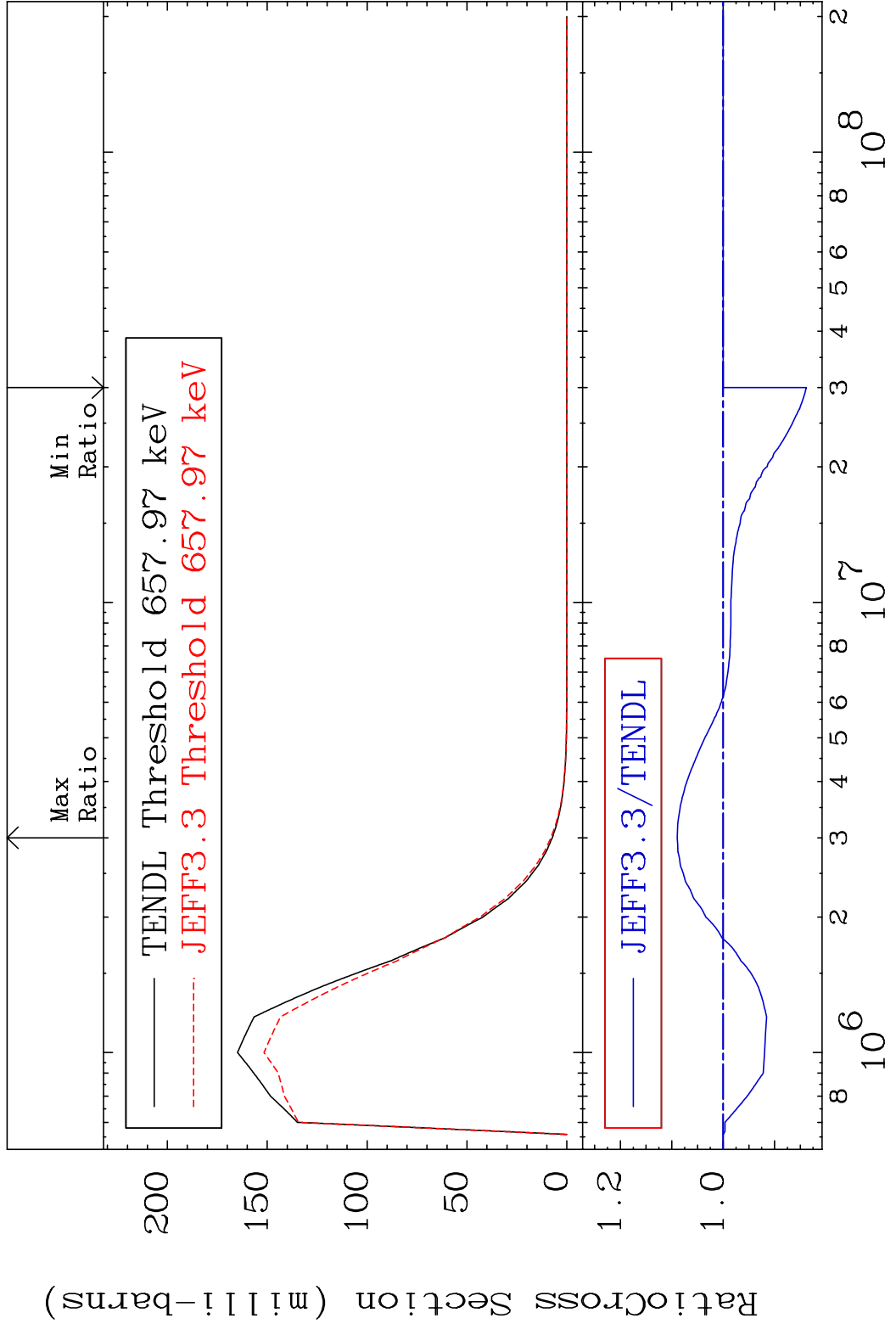
MAT 6846 MT= 66 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9.423 %



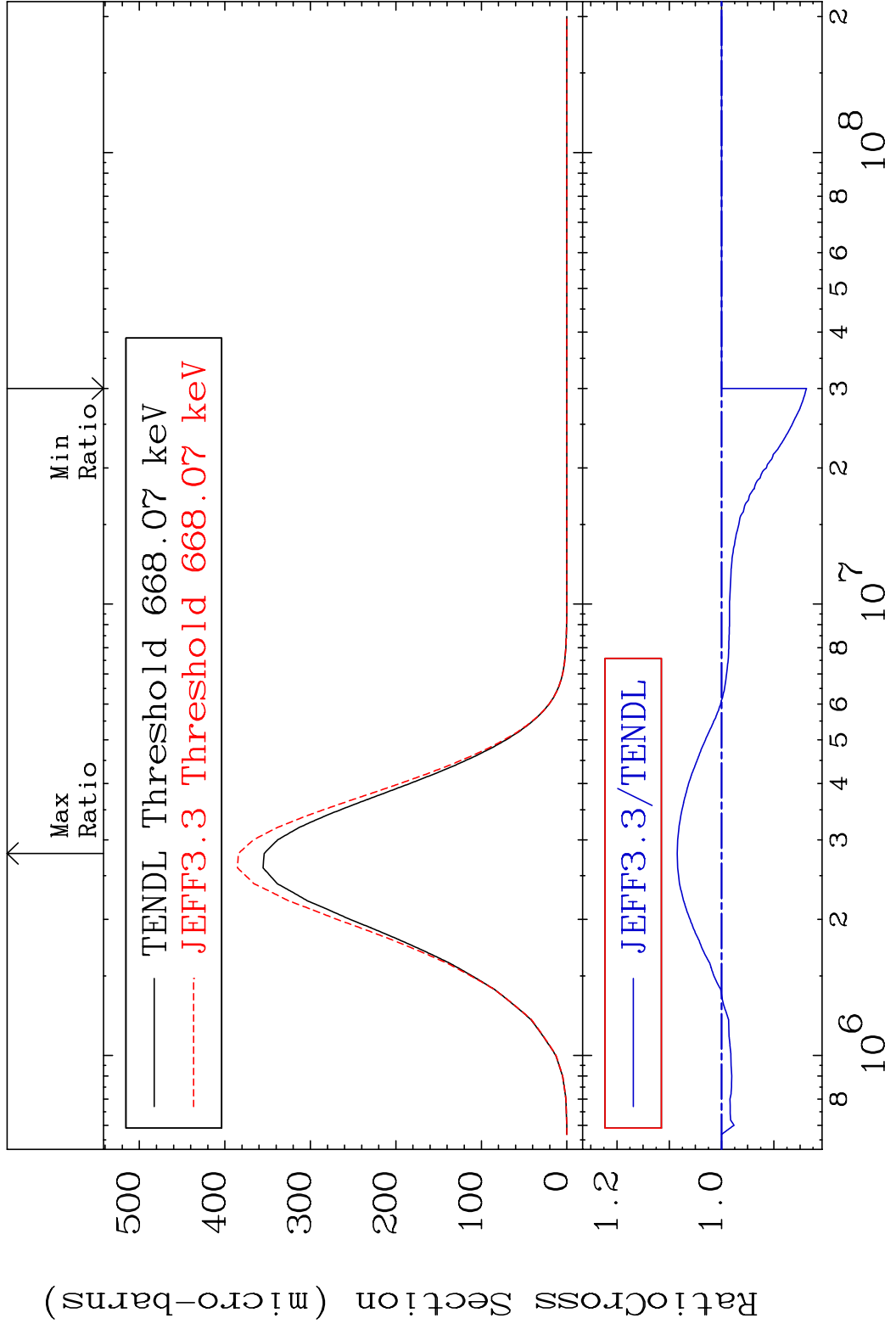
MAT 6846 MT= 67 (n, n') Level 68-Er-169
 Cross Section -16.19 To 9.047 %



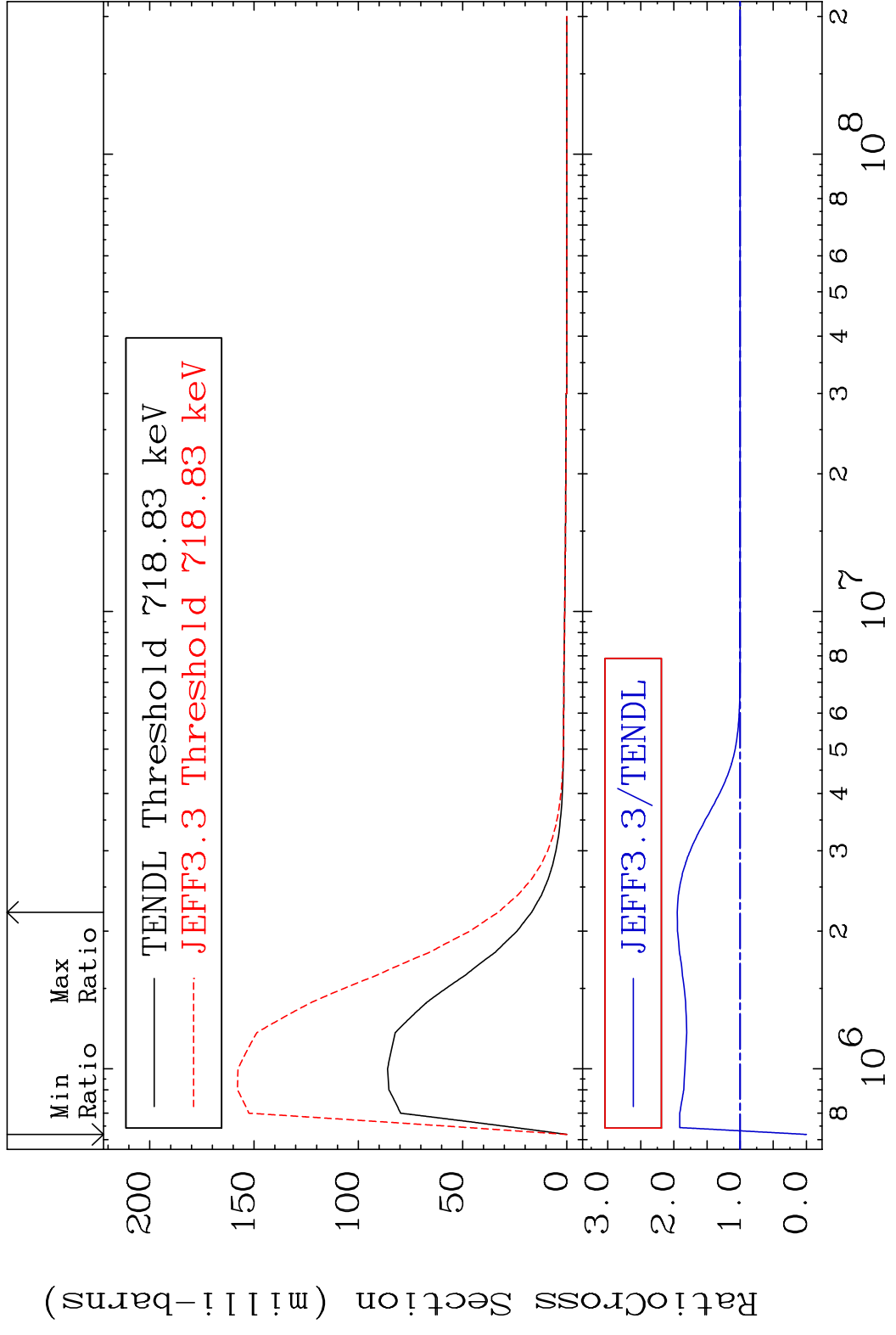
MAT 6846 MT= 68 (n, n') Level 68-Er-169
 Cross Section -16.19 To 8.951 %



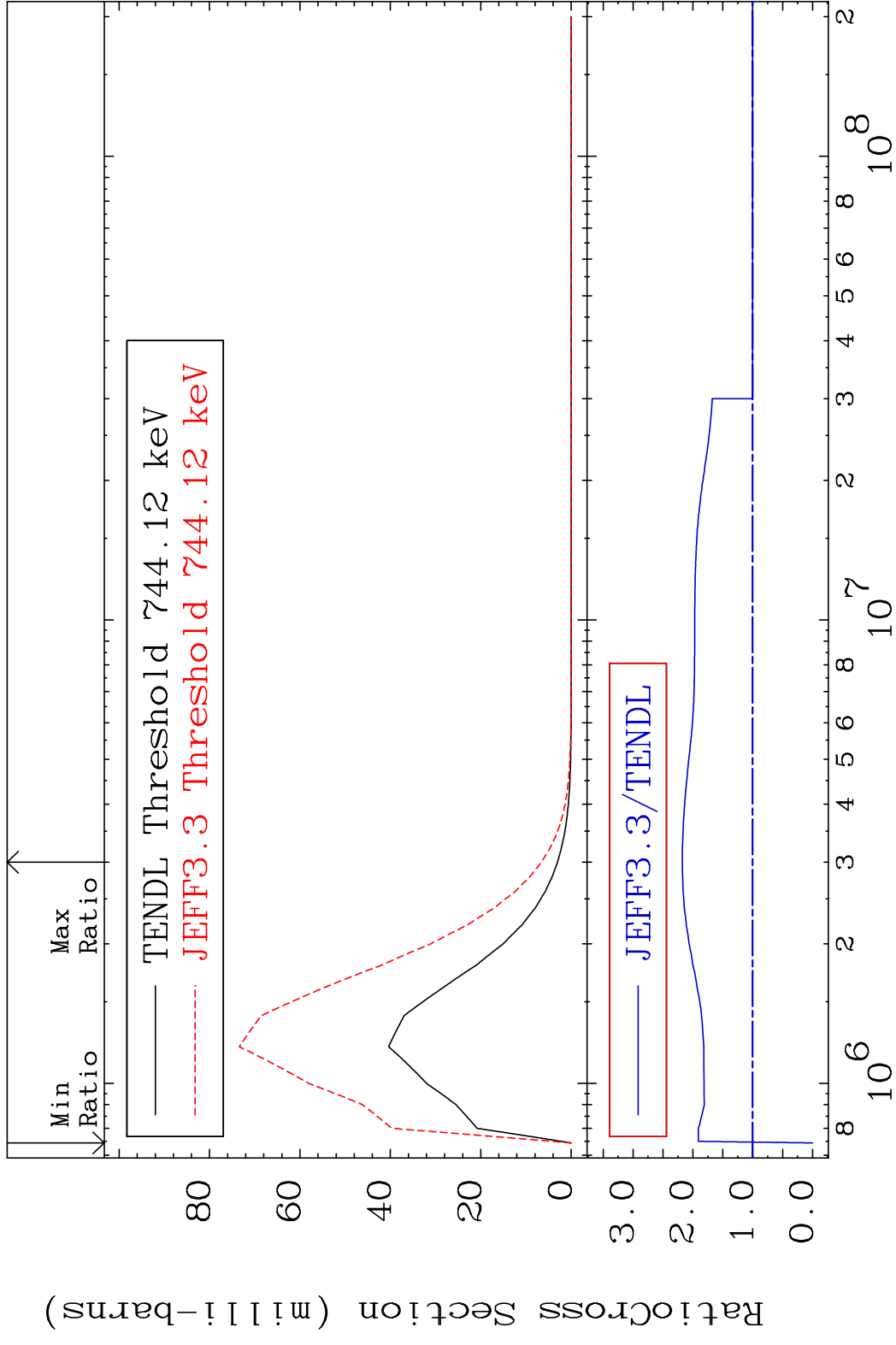
MAT 6846 MT= 69 (n, n') Level 68-Er-169
 Cross Section -16.22 To 8.482 %



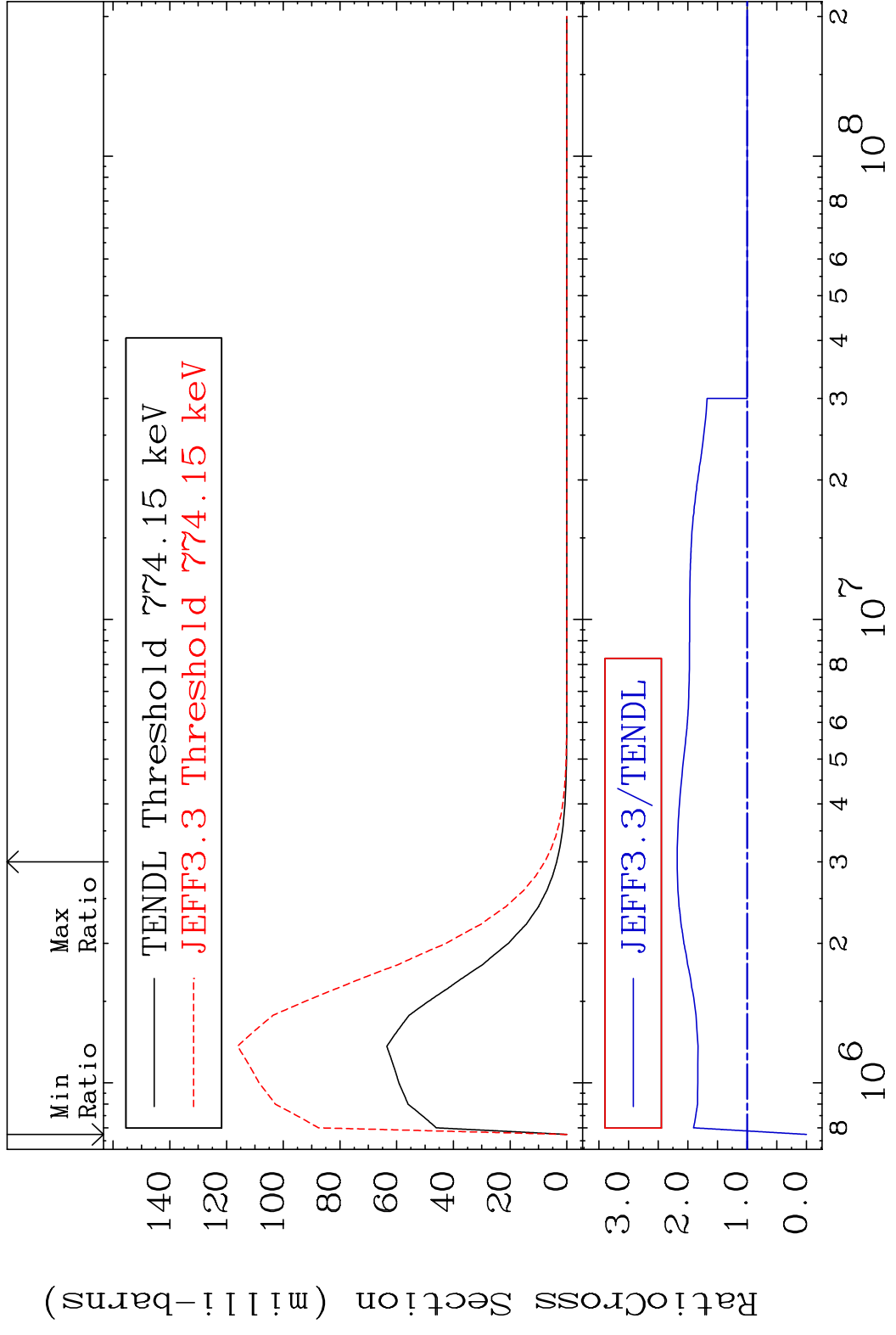
MAT 6846 MT= 70 (n, n') Level 68-Er-169
 Cross Section -100.0 To 95.06 %



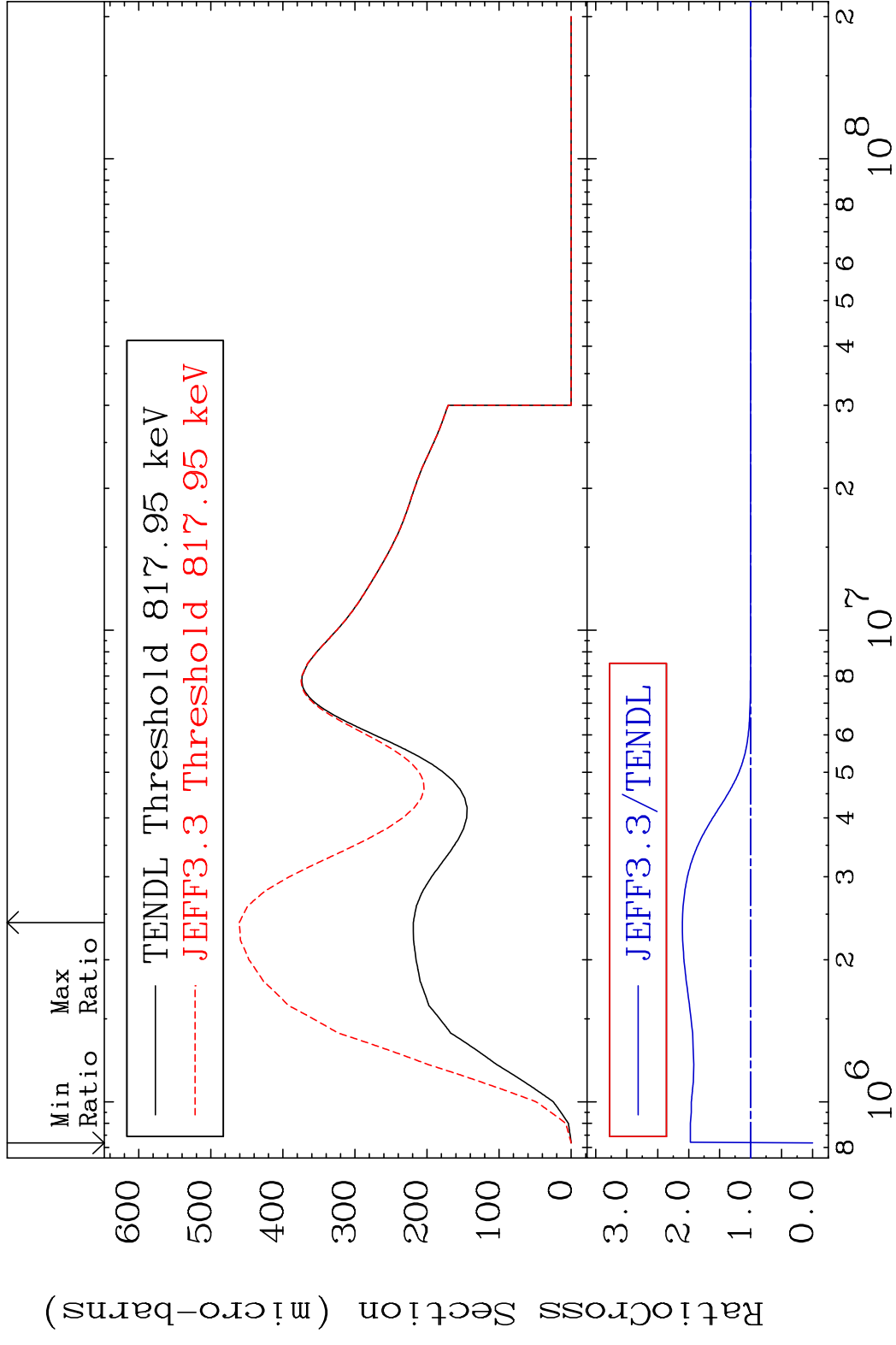
MAT 6846 MT= 71 (n, n') Level 68-Er-169
 Cross Section -100.0 To 117.7 %



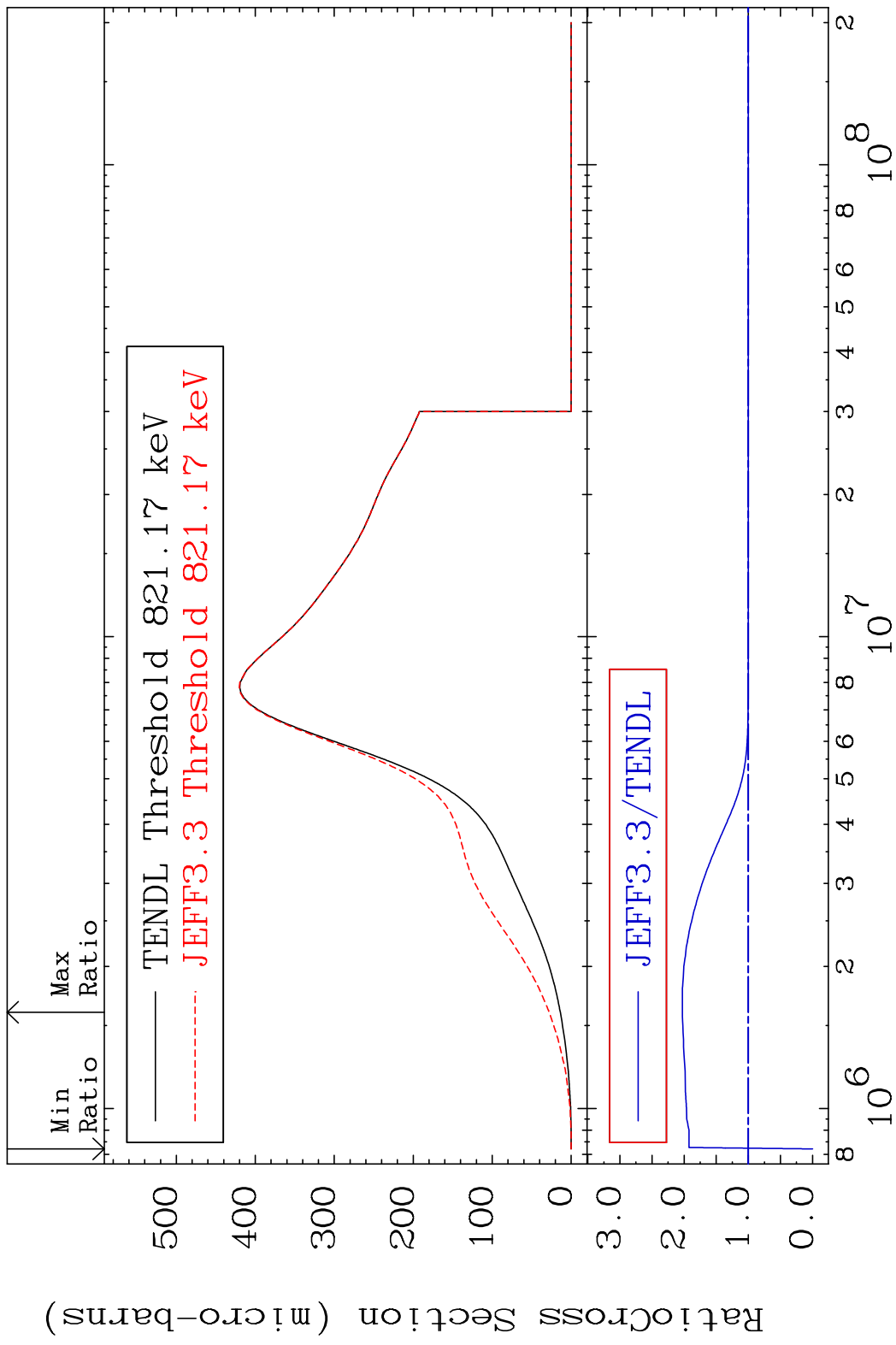
MAT 6846 MT= 72 (n, n') Level 68-Er-169
 Cross Section -100.0 To 117.9 %



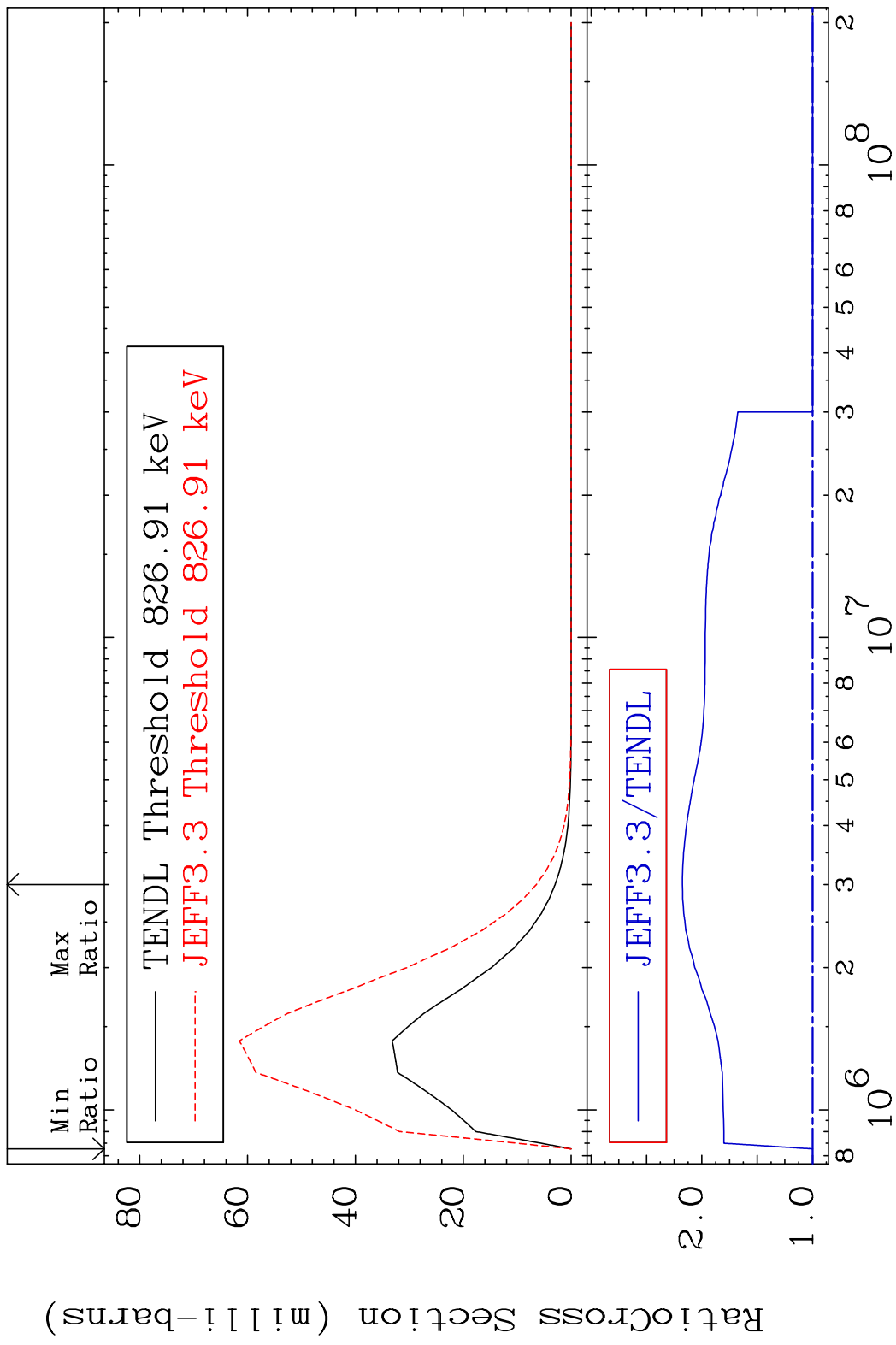
MAT 6846 MT= 73 (n, n') Level 68-Er-169
 Cross Section -100.0 To 110.2 %



MAT 6846 MT= 74 (n, n') Level 68-Er-169
 Cross Section -100.0 To 102.7 %

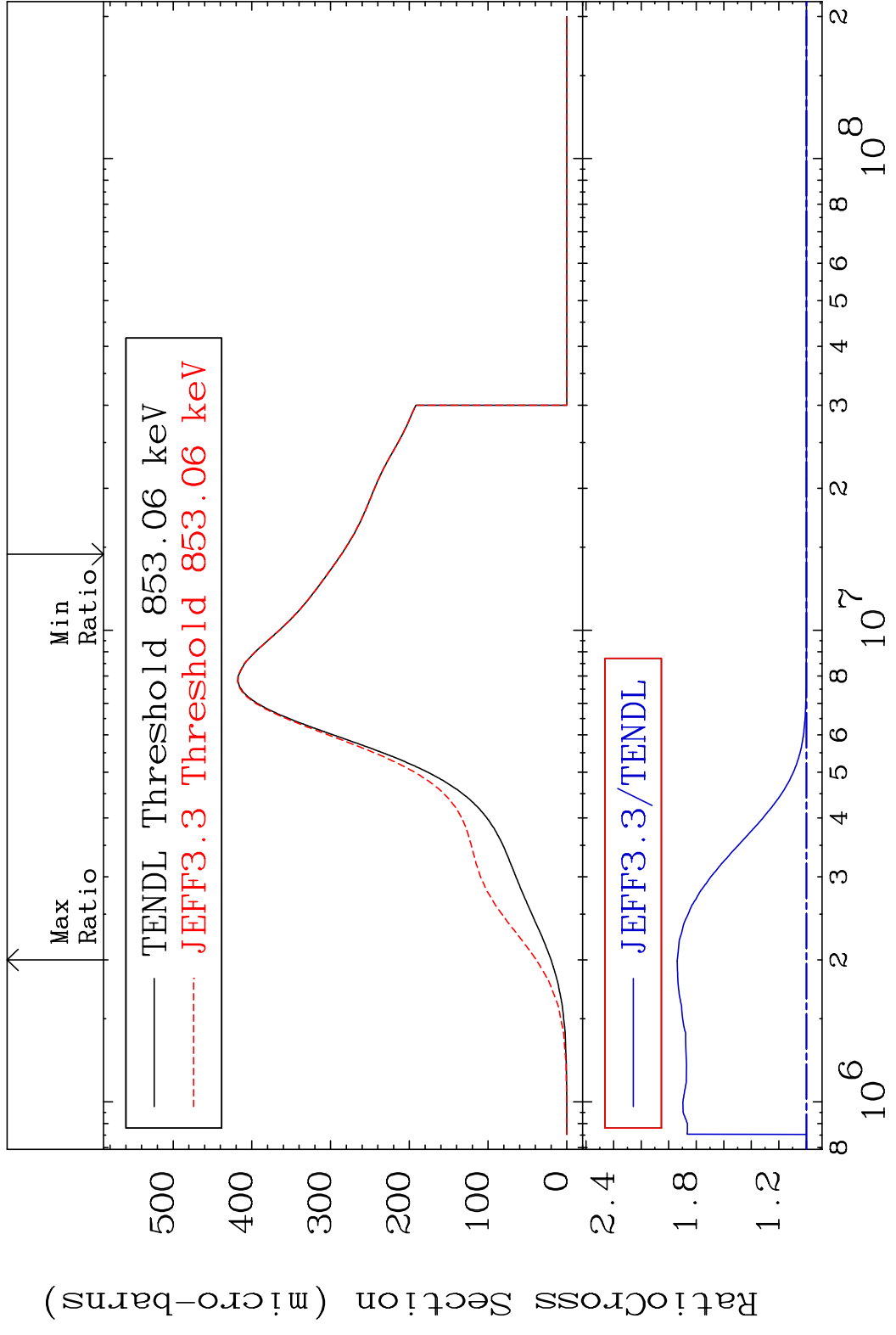


MAT 6846 MT= 75 (n,n') Level 68-Er-169
 Cross Section 0.000 To 117.6 %



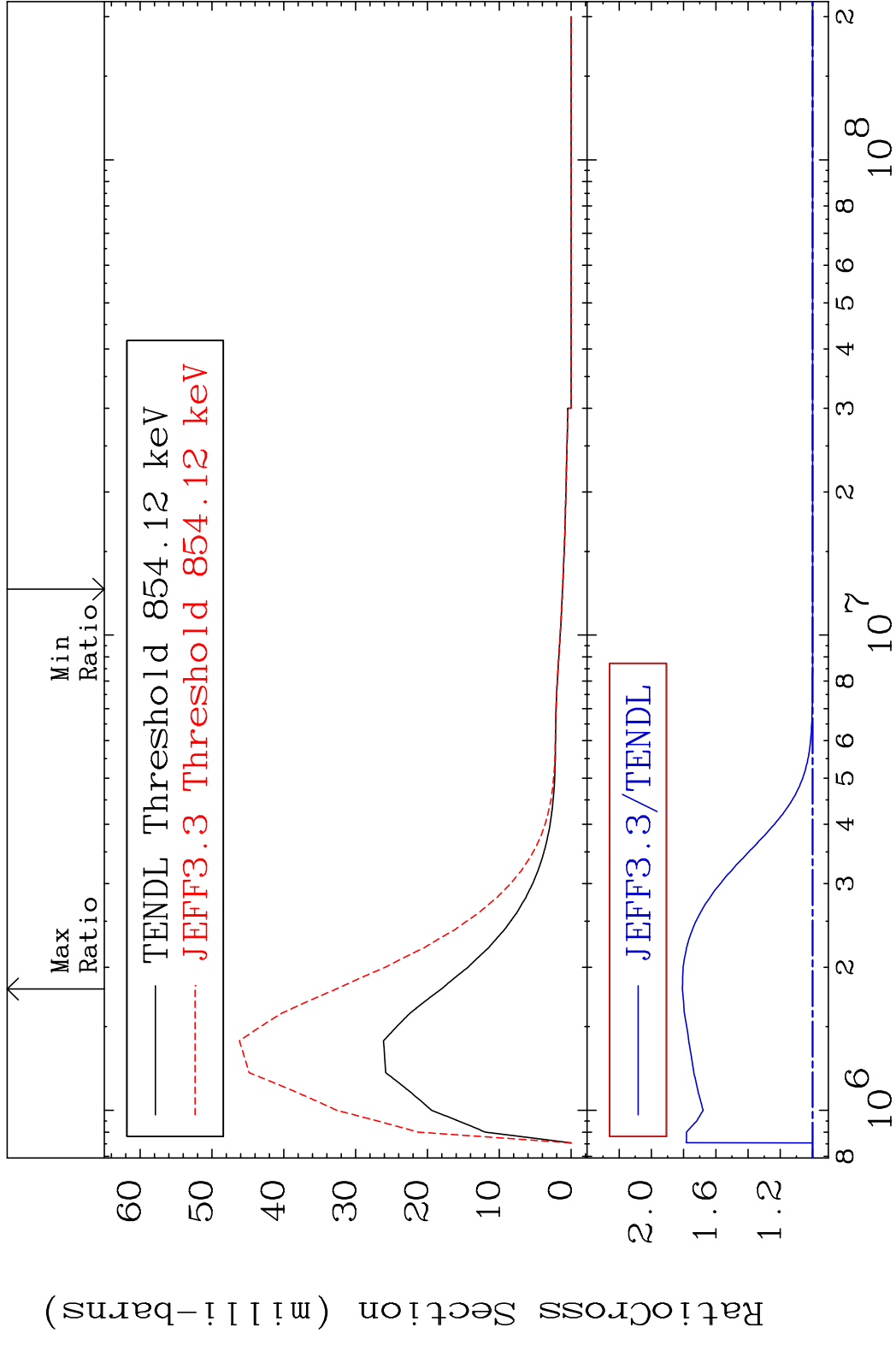
42 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 76 (n, n') Level 68-Er-169
 Cross Section 0.000 To 93.82 %



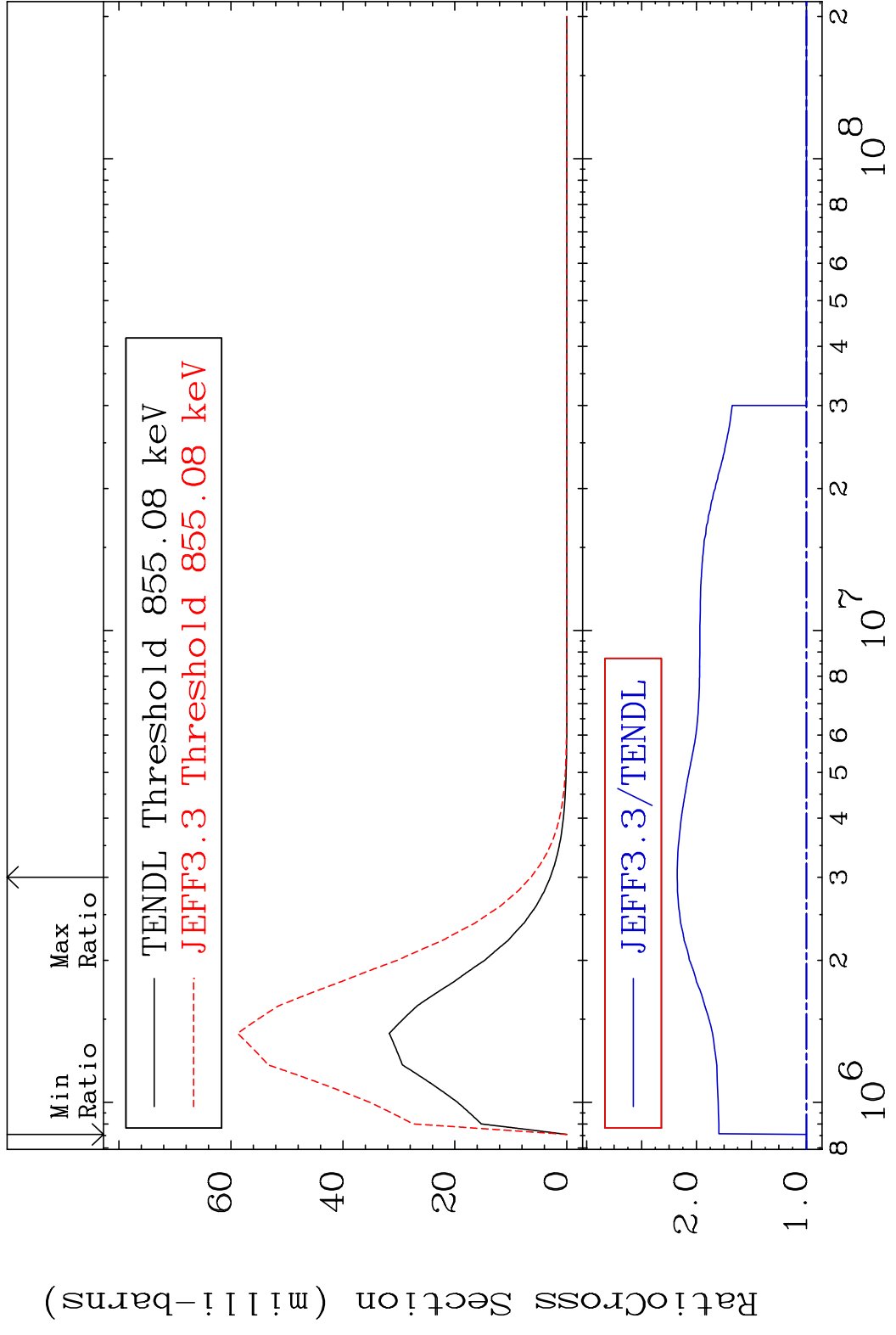
43 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 77 (n, n') Level 68-Er-169
 Cross Section 0.000 To 80.80 %



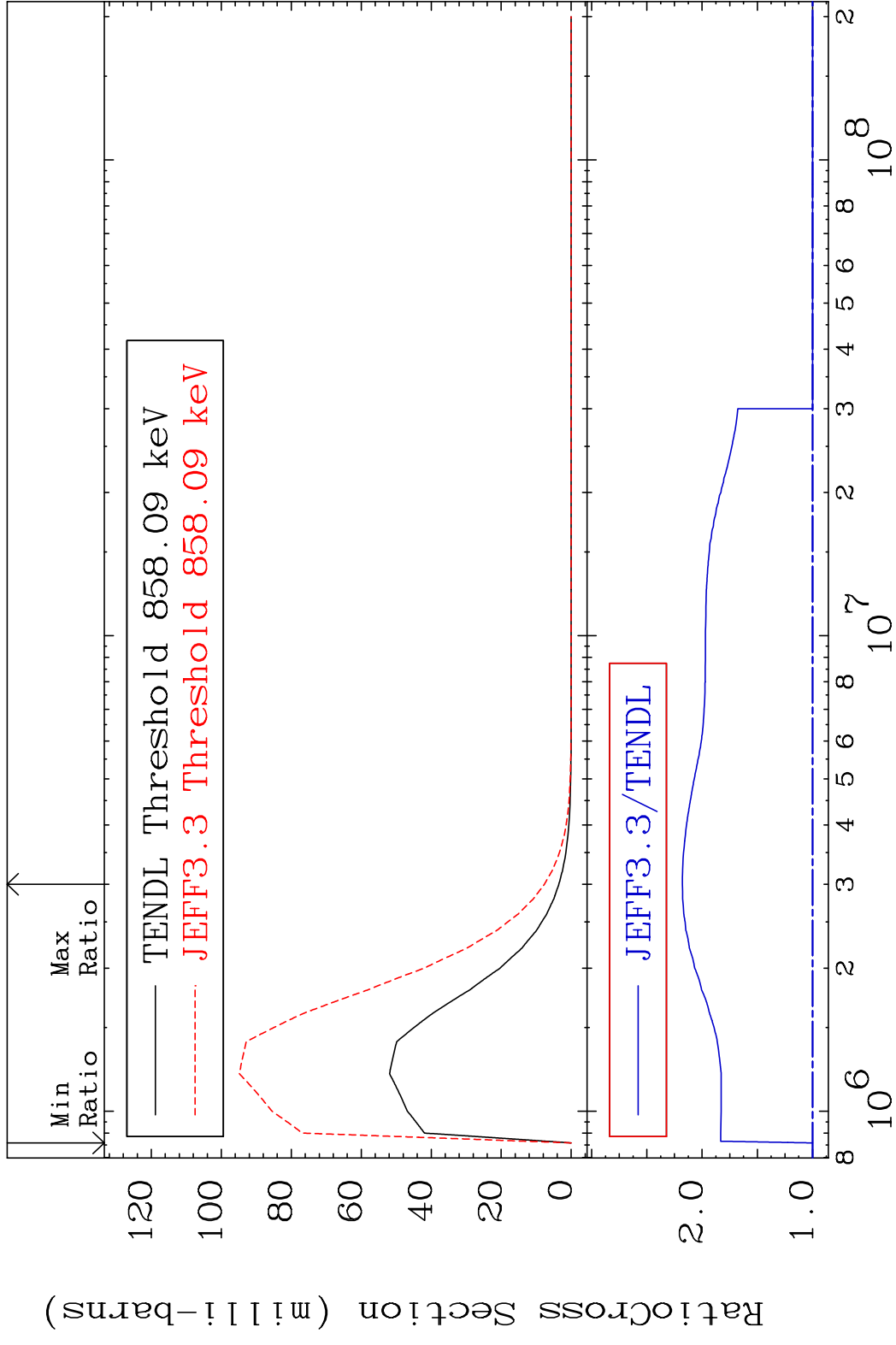
44 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 78 (n,n') Level 68-Er-169
 Cross Section 0.000 To 117.6 %



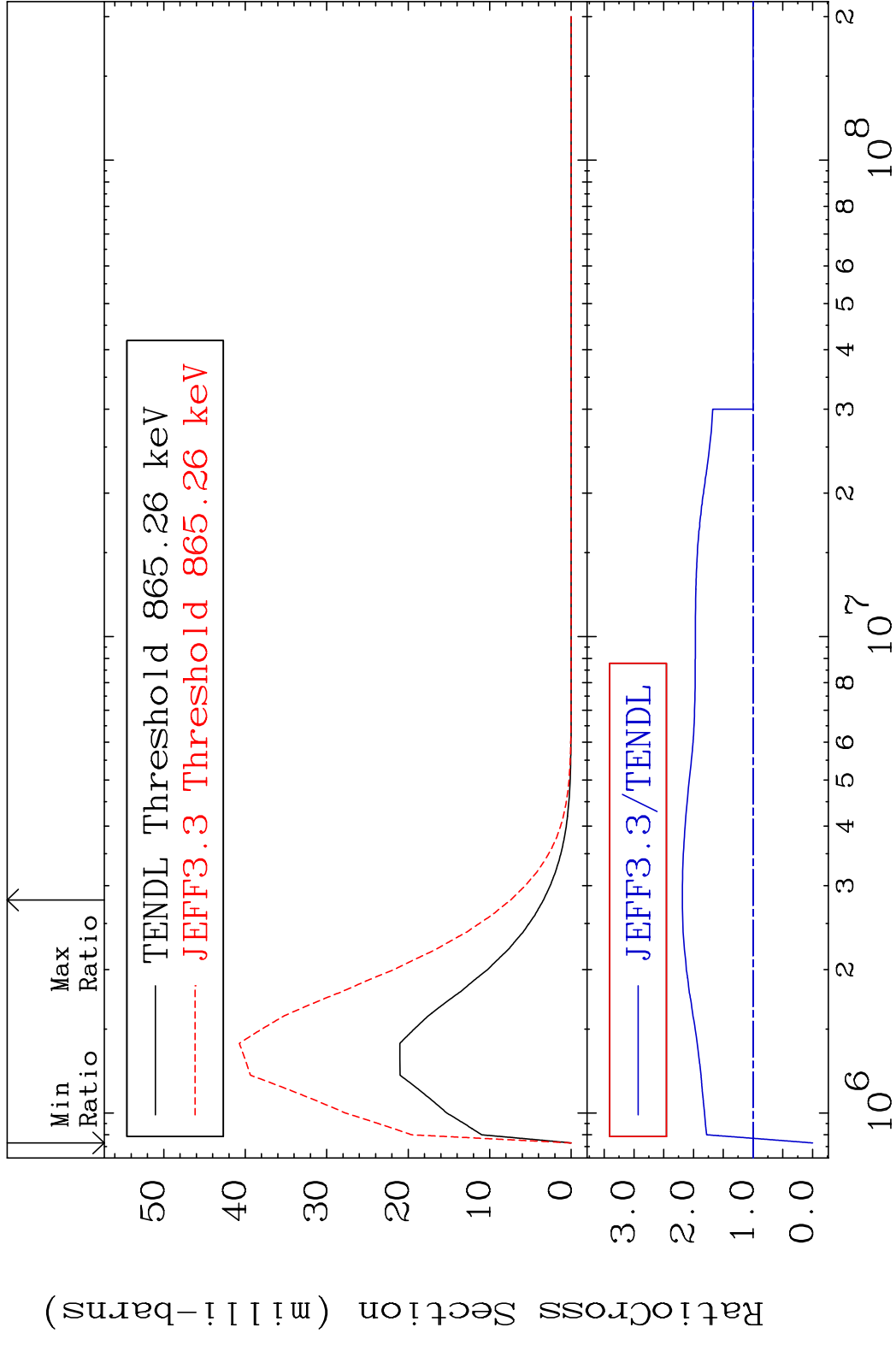
45 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 79 (n,n') Level 68-Er-169
 Cross Section 0.000 To 117.9 %



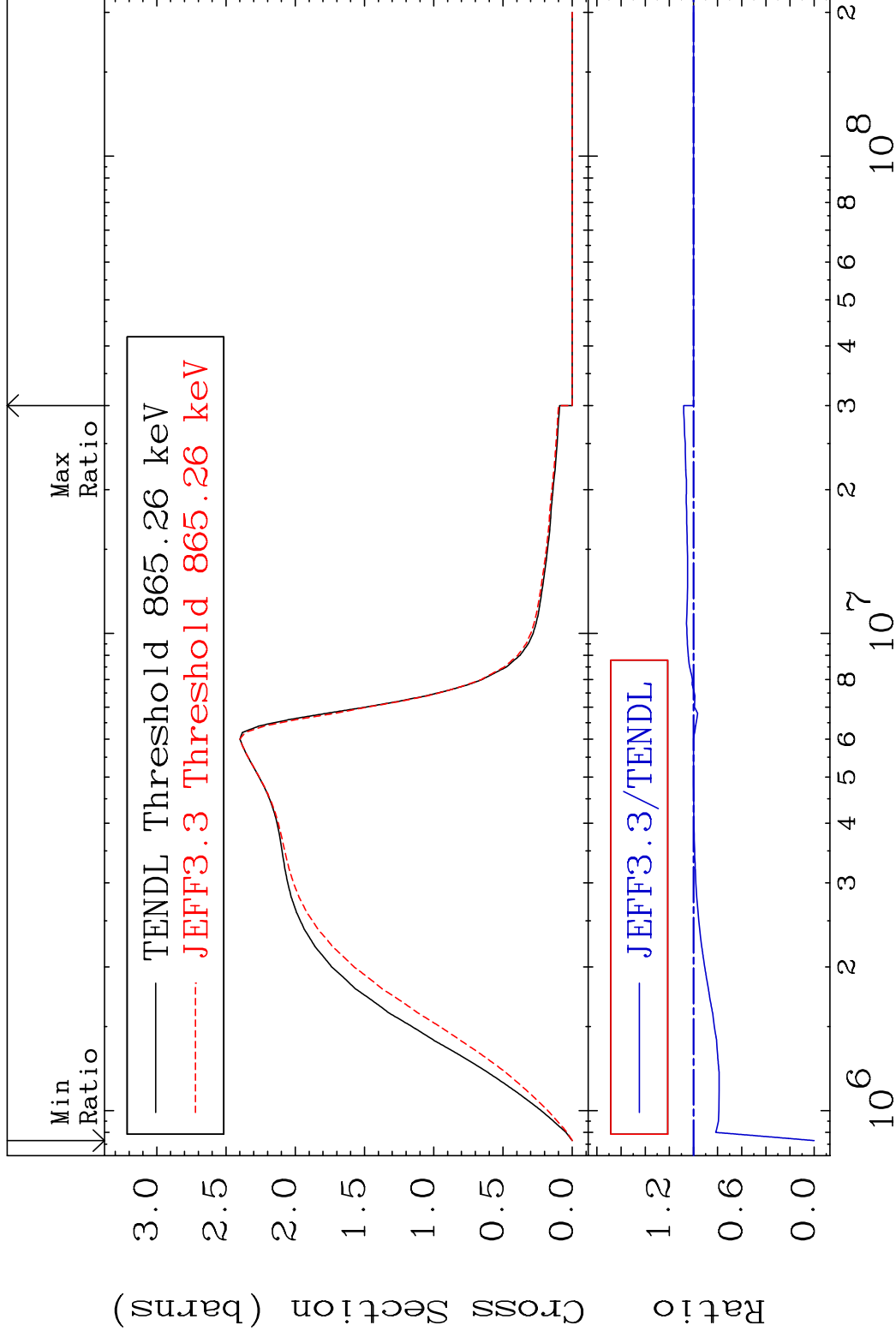
46 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 80 (n,n') Level 68-Er-169
 Cross Section -100.0 To 118.7 %



MAT 6846

(n, n') Continuum 68-Er-169
Cross Section -100.0 To 8.127 %



48

Incident Energy (eV)

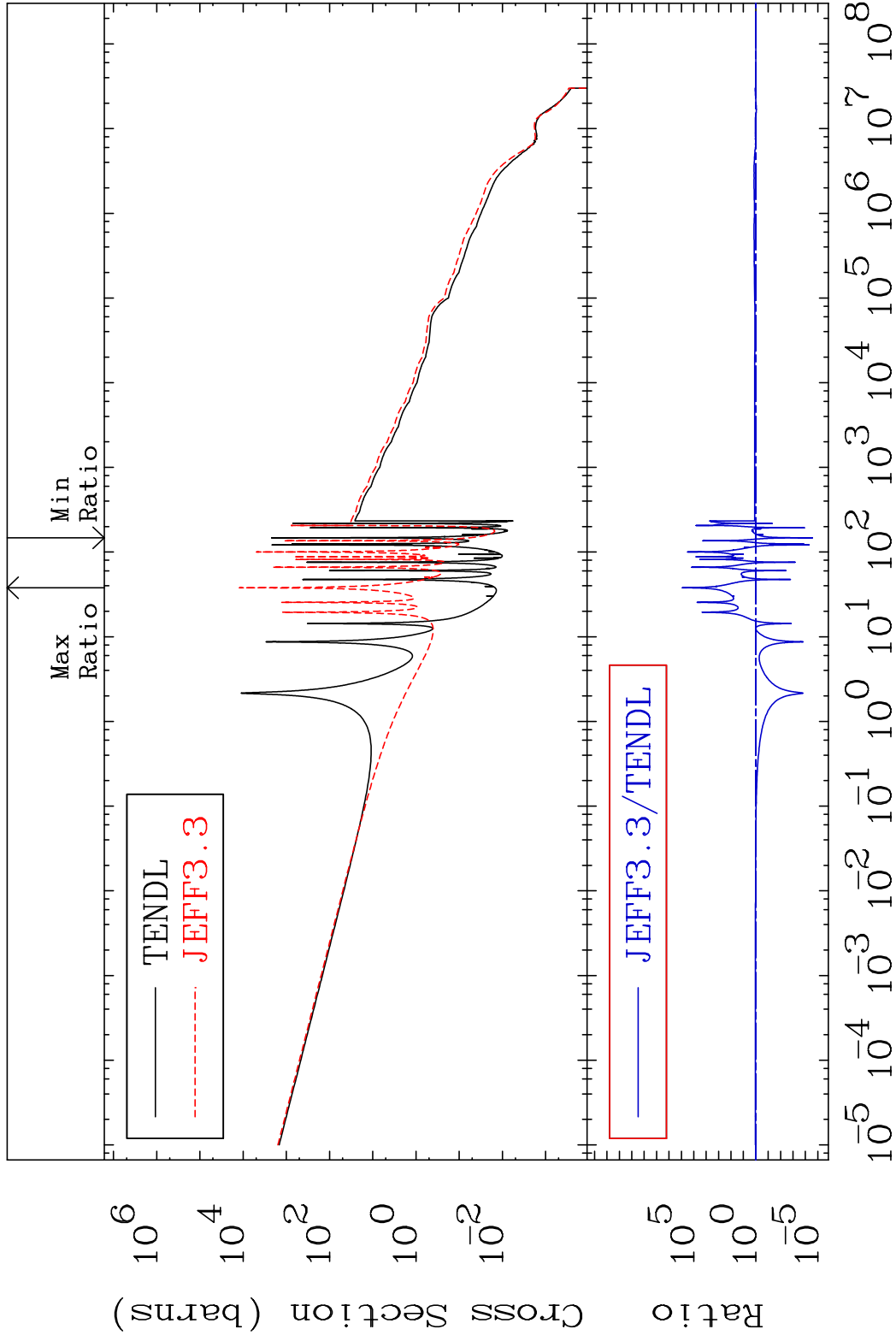
68-Er-169

MAT 6846

(n, γ)

68-Er-169

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

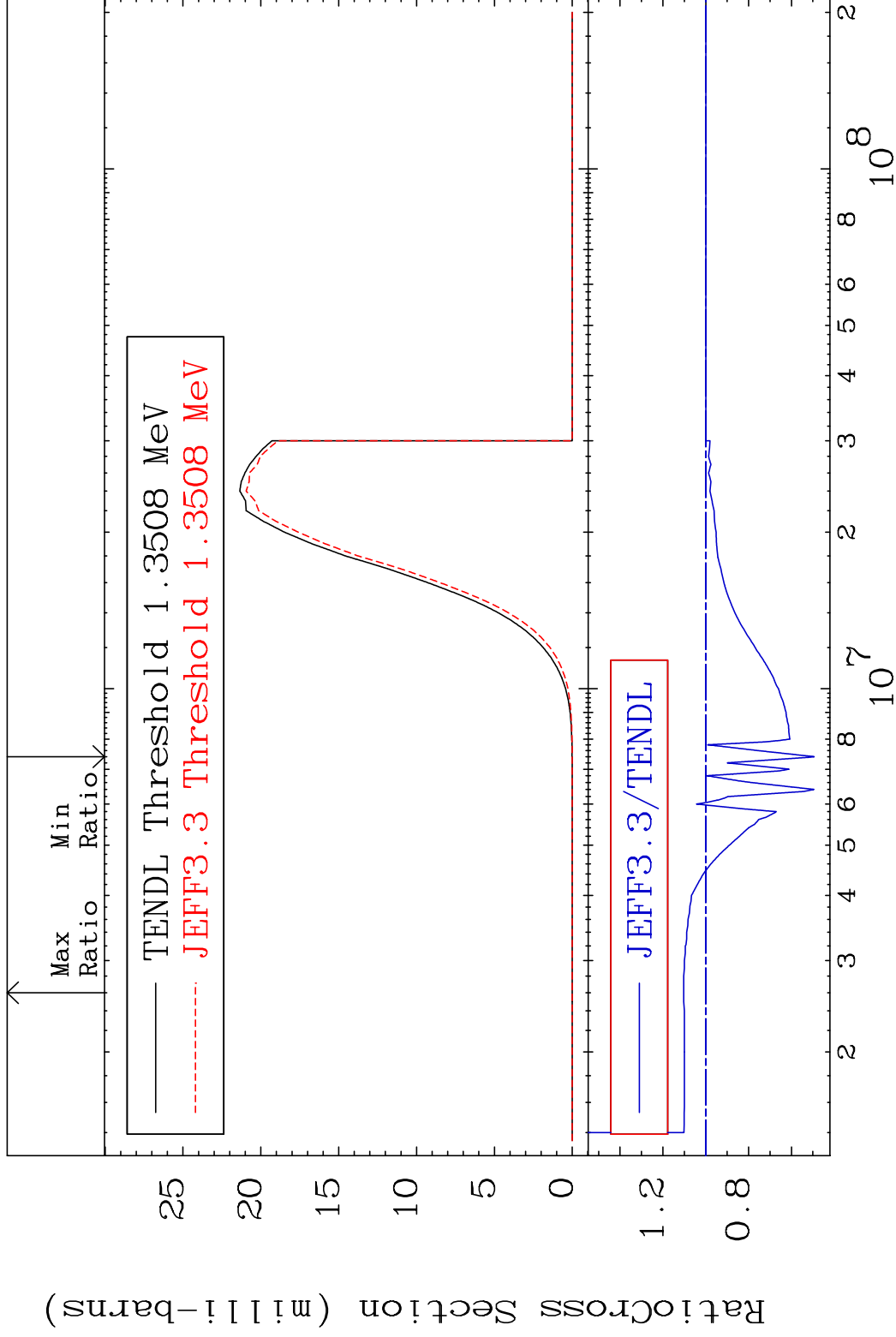
68-Er-169

MAT 6846

(n, p)

68-Er-169

Cross Section -50.57 To 10.31 %



50

Incident Energy (eV)

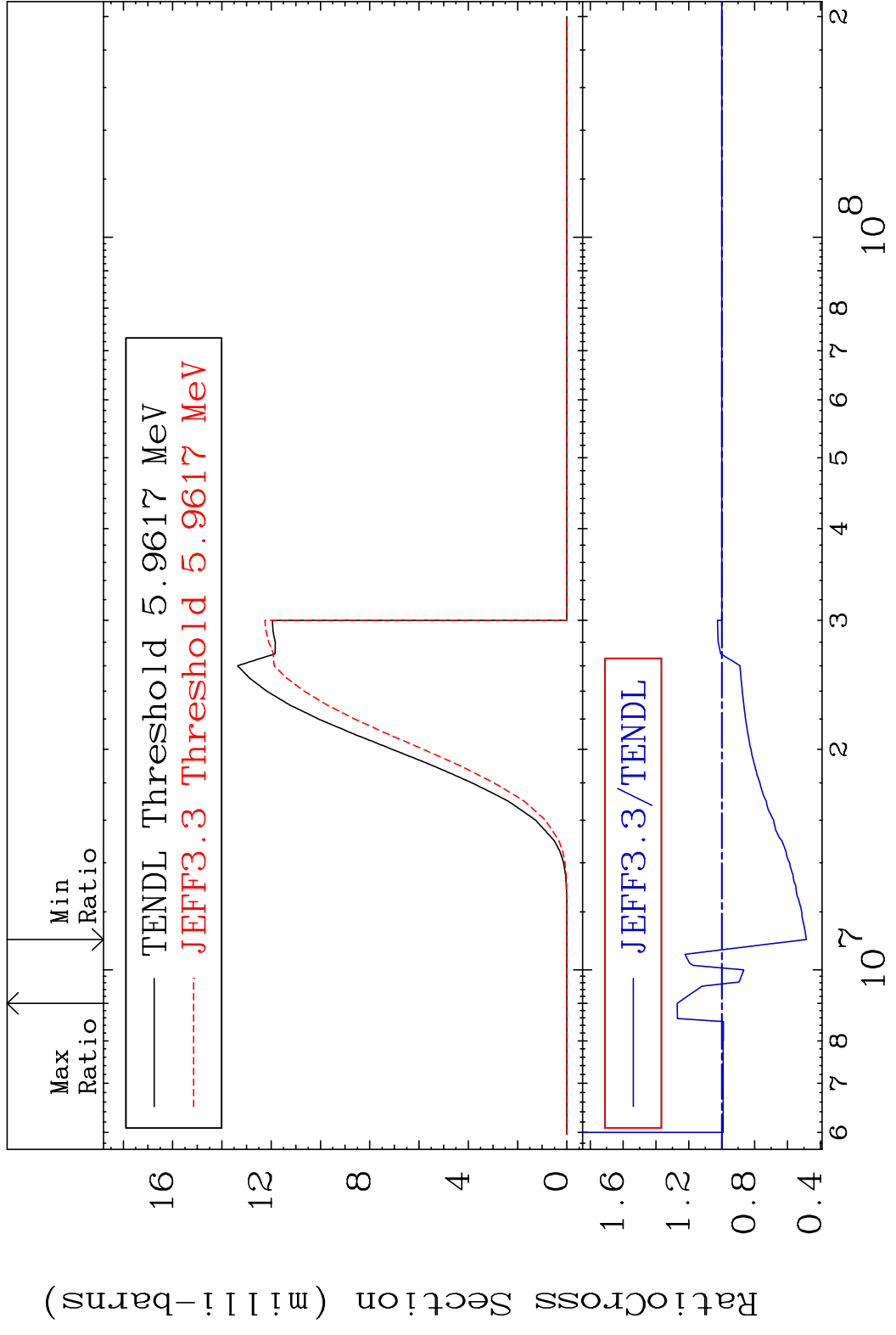
68-Er-169

MAT 6846

(n, d)

68-Er-169

Cross Section -51.50 To 27.11 %

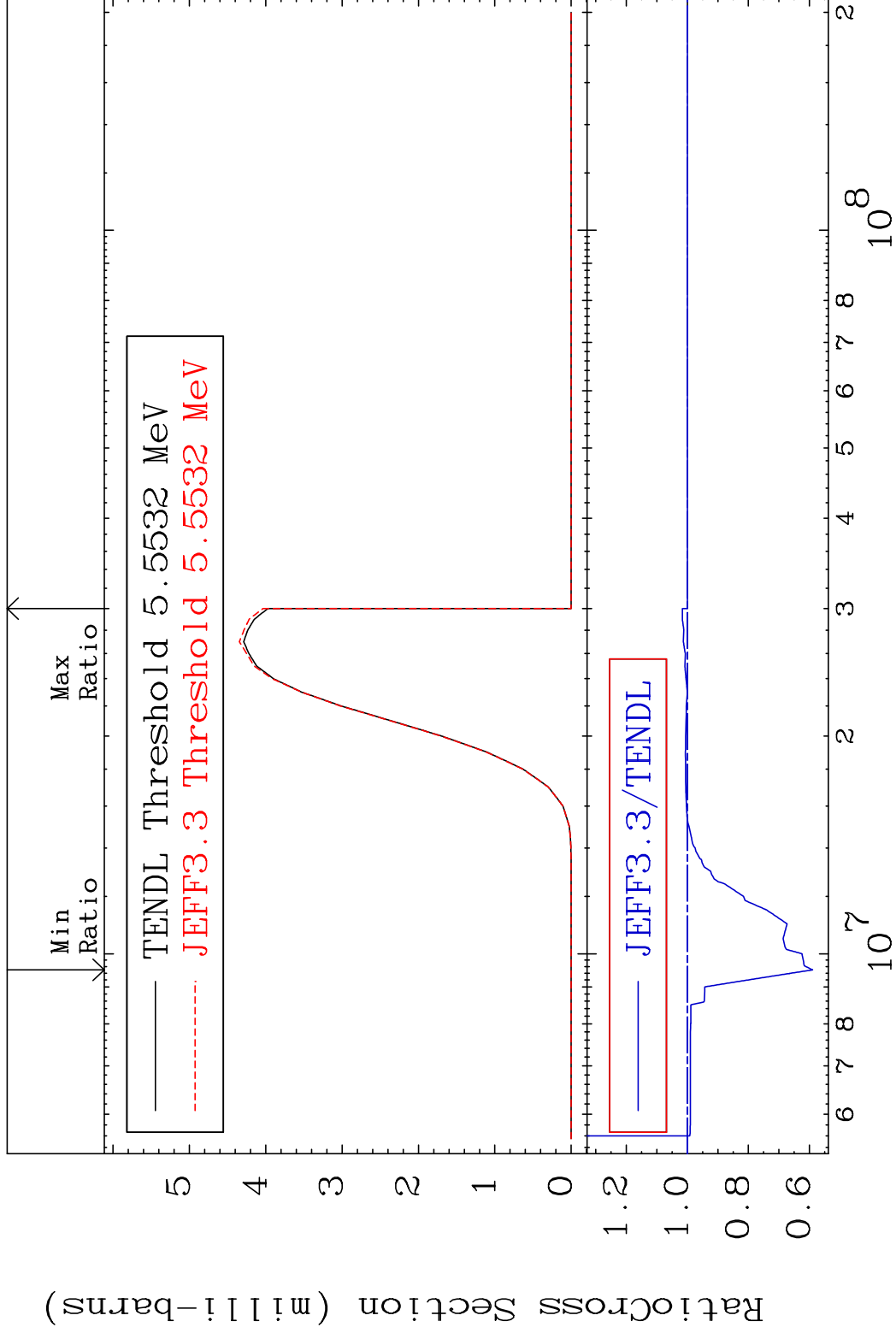


MAT 6846

(n, t)

68-Er-169

Cross Section -41.03 To 1.641 %

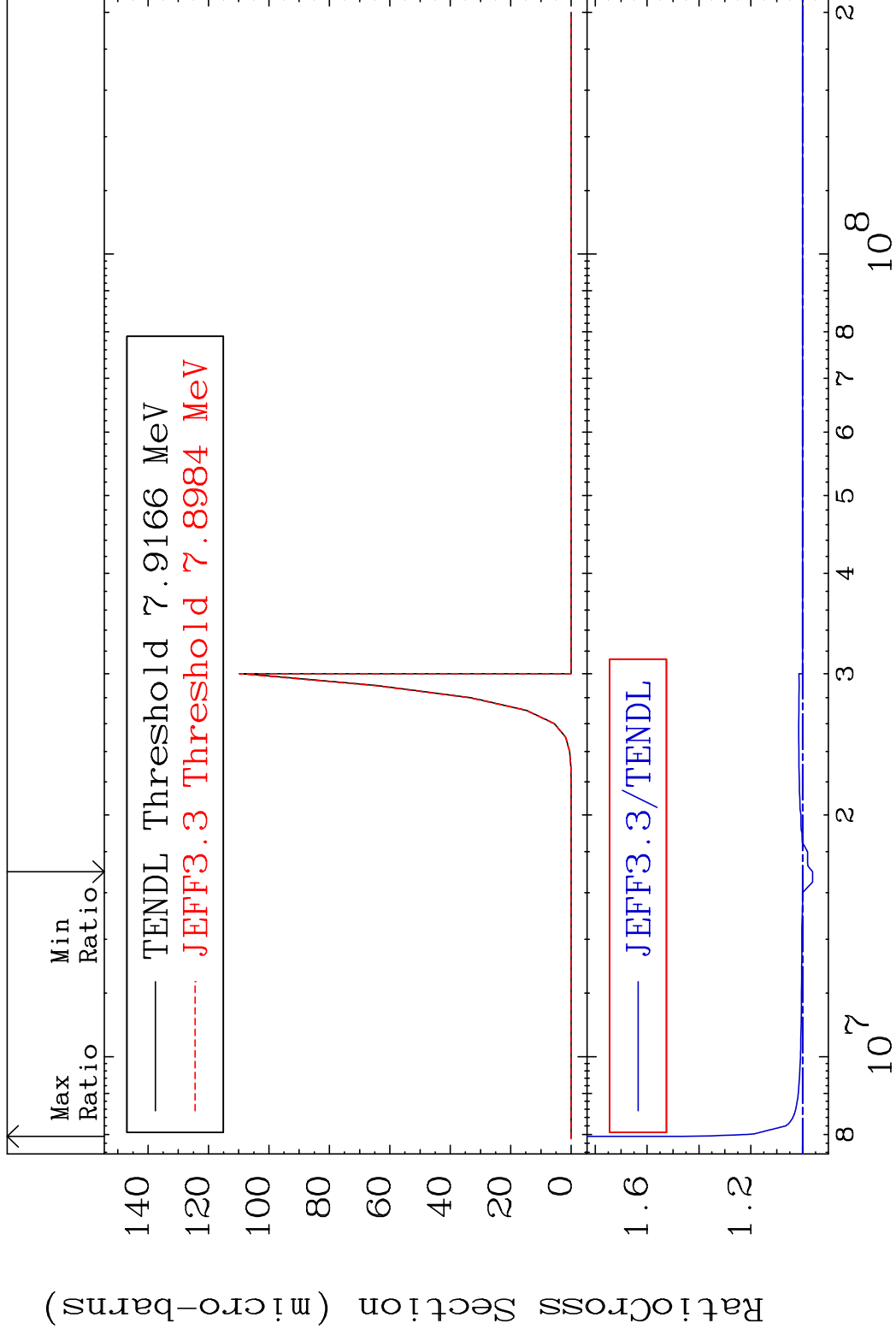


MAT 6846

(n, He-3)

68-Er-169

Cross Section -3.811 To 46.40 %



53

Incident Energy (eV)

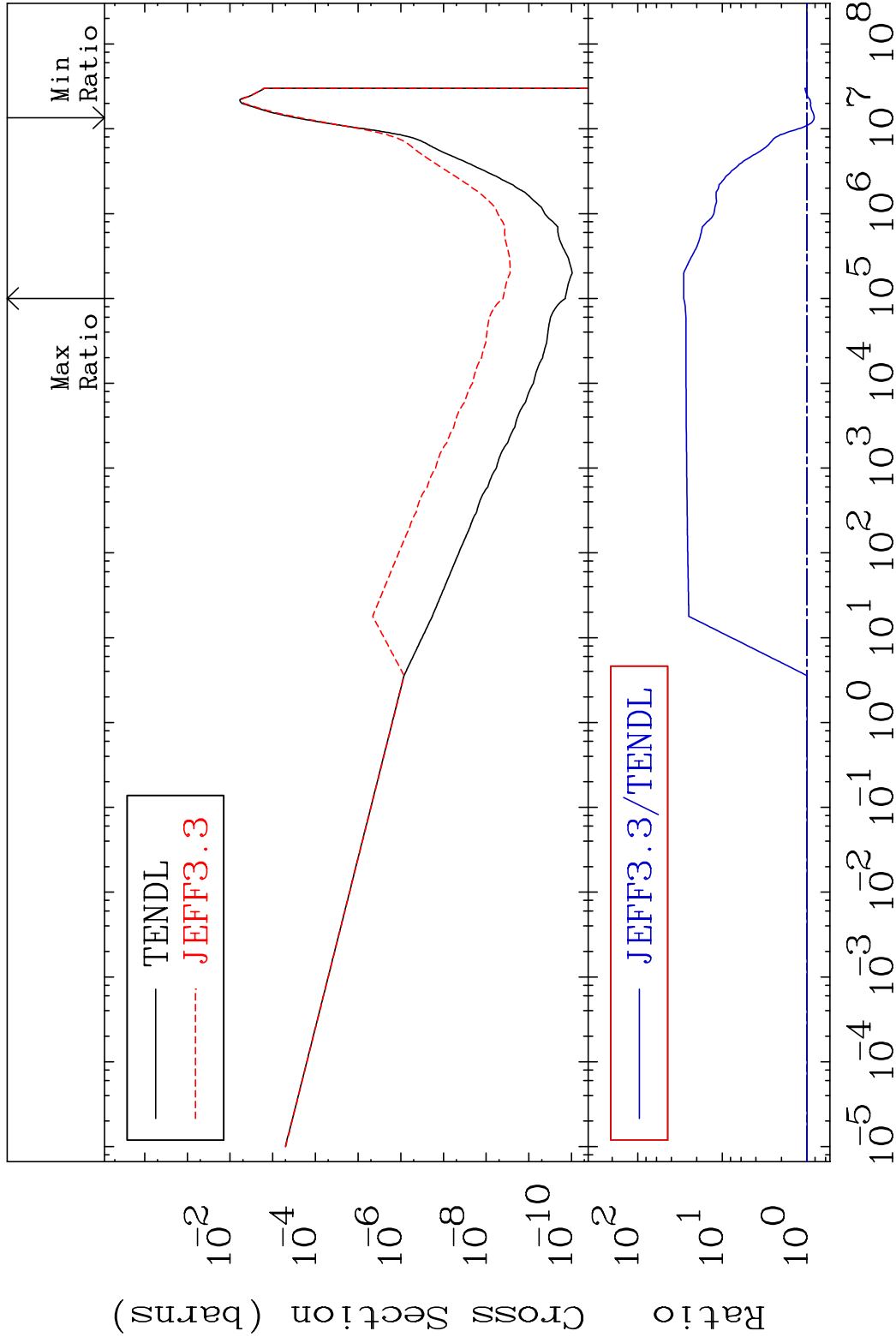
68-Er-169

MAT 6846

(n, α)

68-Er-169

Cross Section -17.97 To 2761. %



54

Incident Energy (eV)

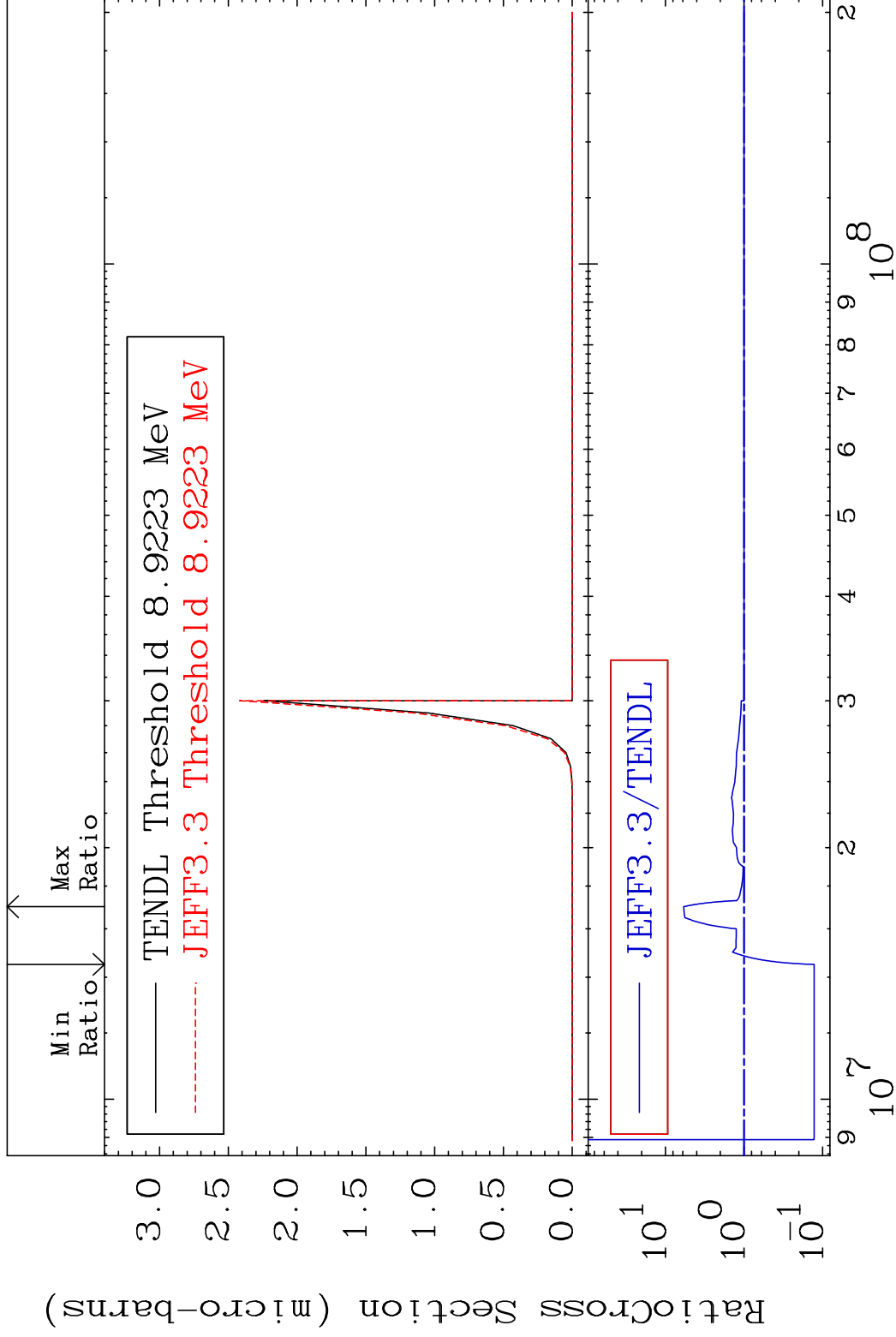
68-Er-169

MAT 6846

(n,2p)

68-Er-169

Cross Section -87.19 To 484.5 %



55

Incident Energy (eV)

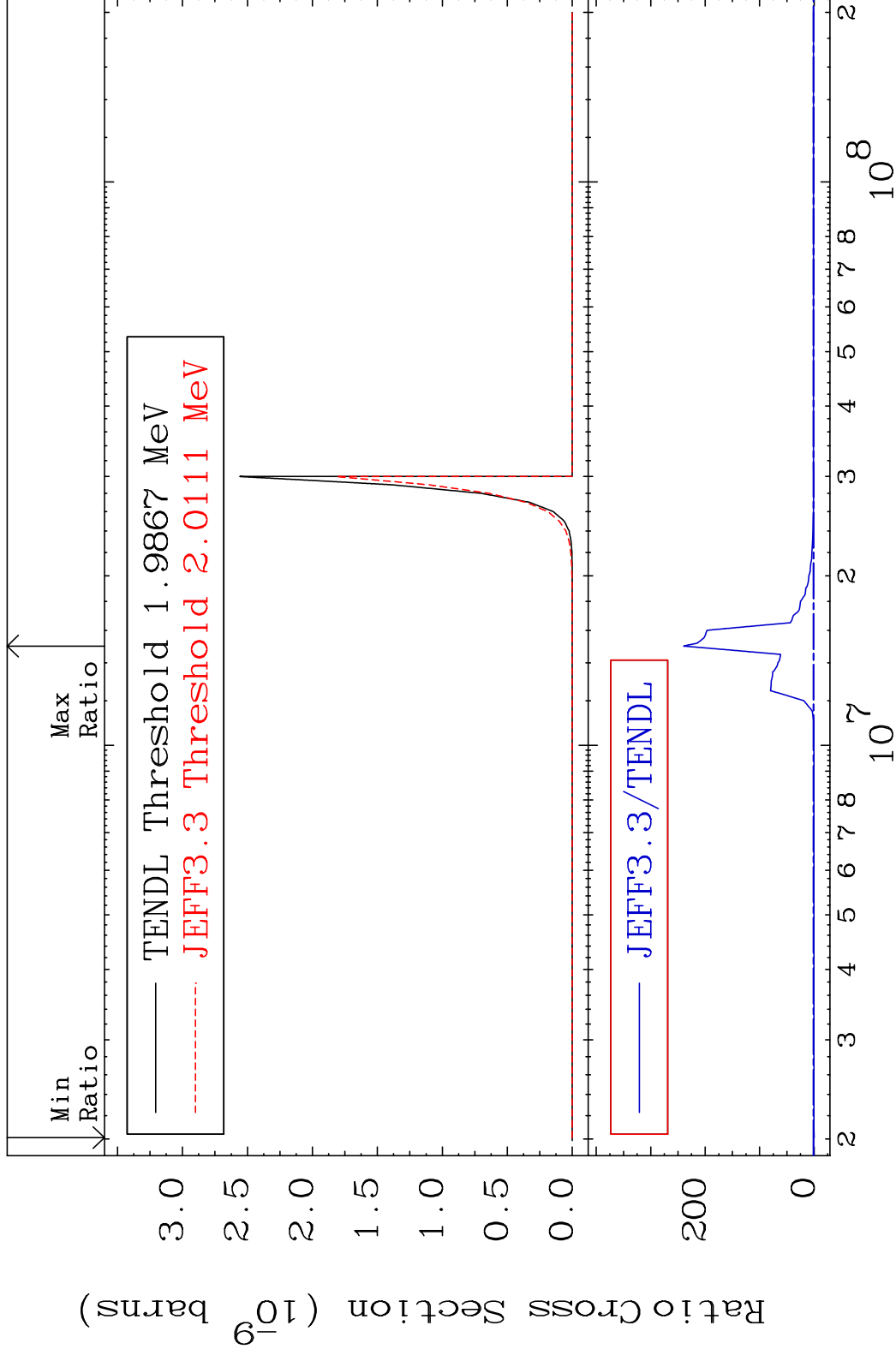
68-Er-169

MAT 6846

(n,p) α

68-Er-169

Cross Section -100.0 To 9999. %



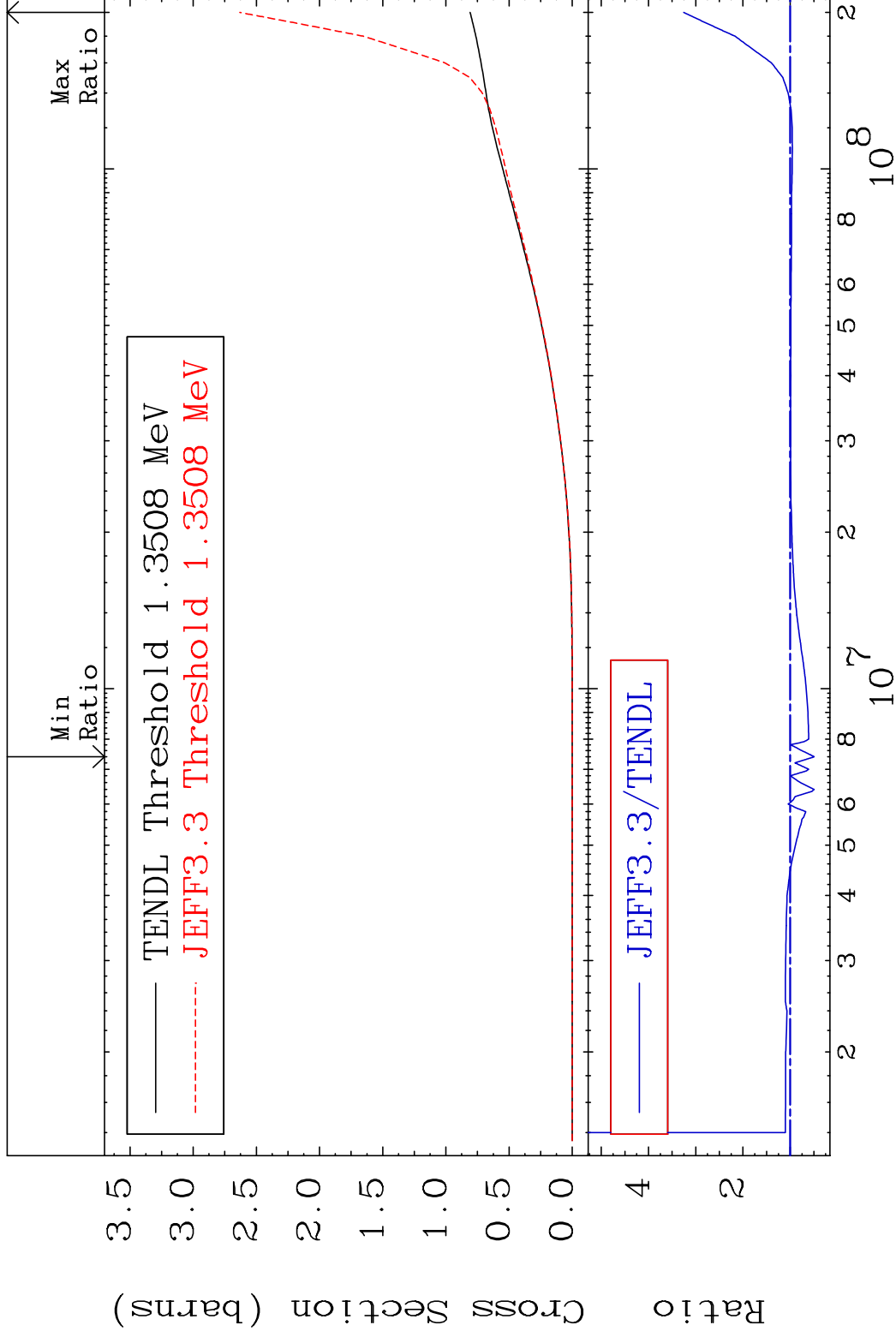
56

Incident Energy (eV)

68-Er-169

MAT 6846

Hydrogen Production 68-Er-169
Cross Section -50.57 To 225.6 %



57

Incident Energy (eV)

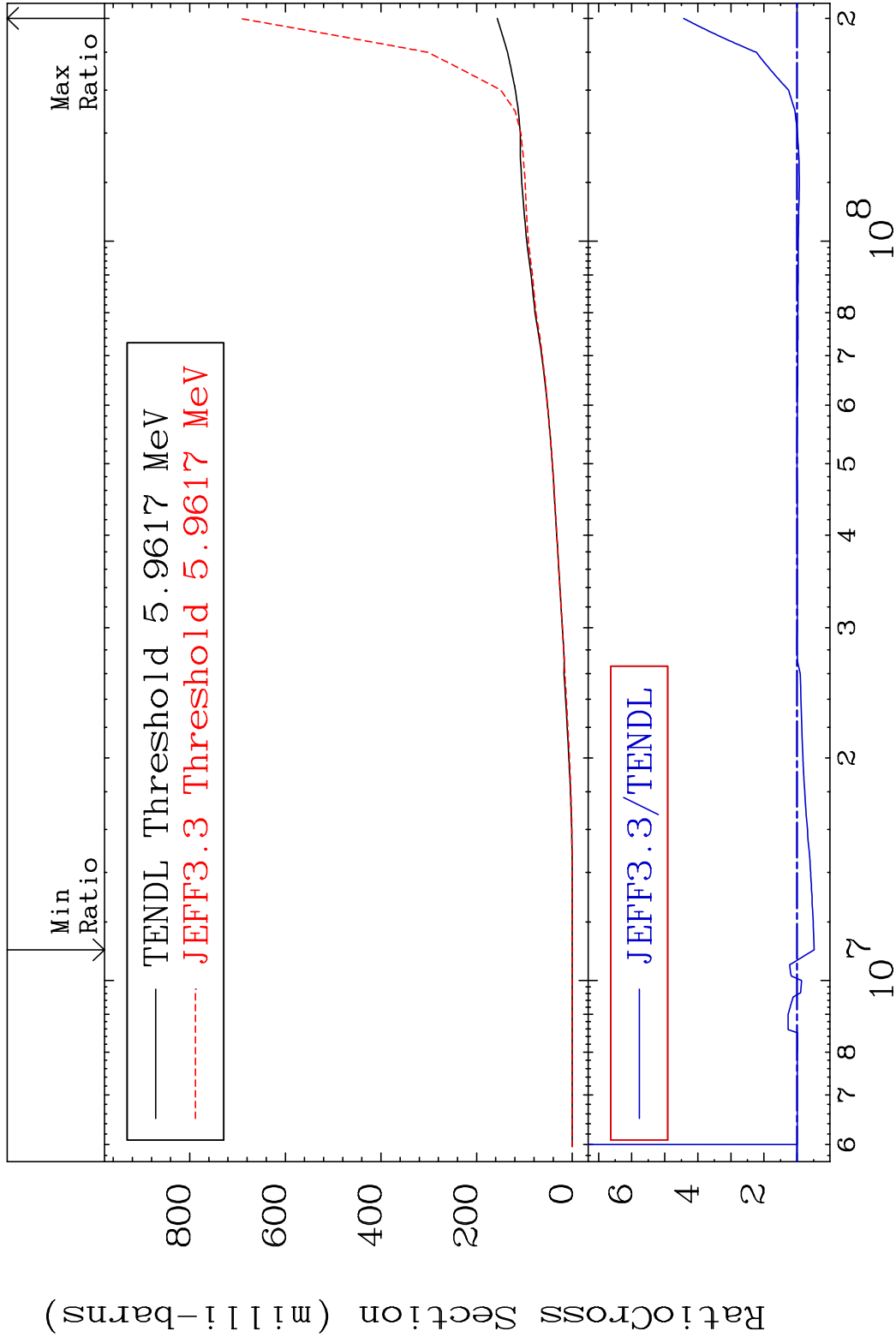
68-Er-169

MAT 6846

Deuterium Production

68-Er-169

Cross Section -51.50 To 342.9 %



58

Incident Energy (eV)

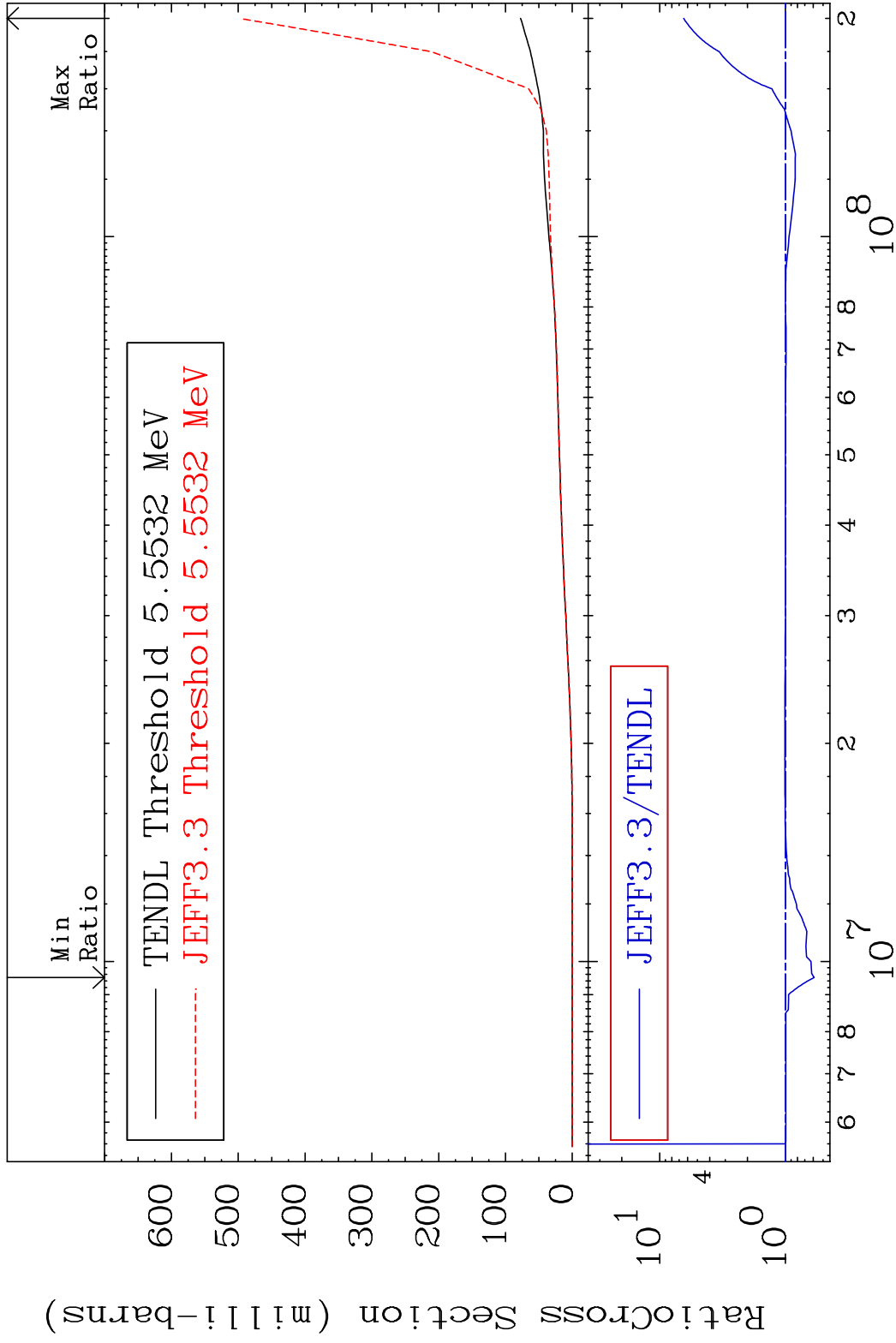
68-Er-169

MAT 6846

Tritium Production

68-Er-169

Cross Section -41.03 To 544.4 %



59

Incident Energy (eV)

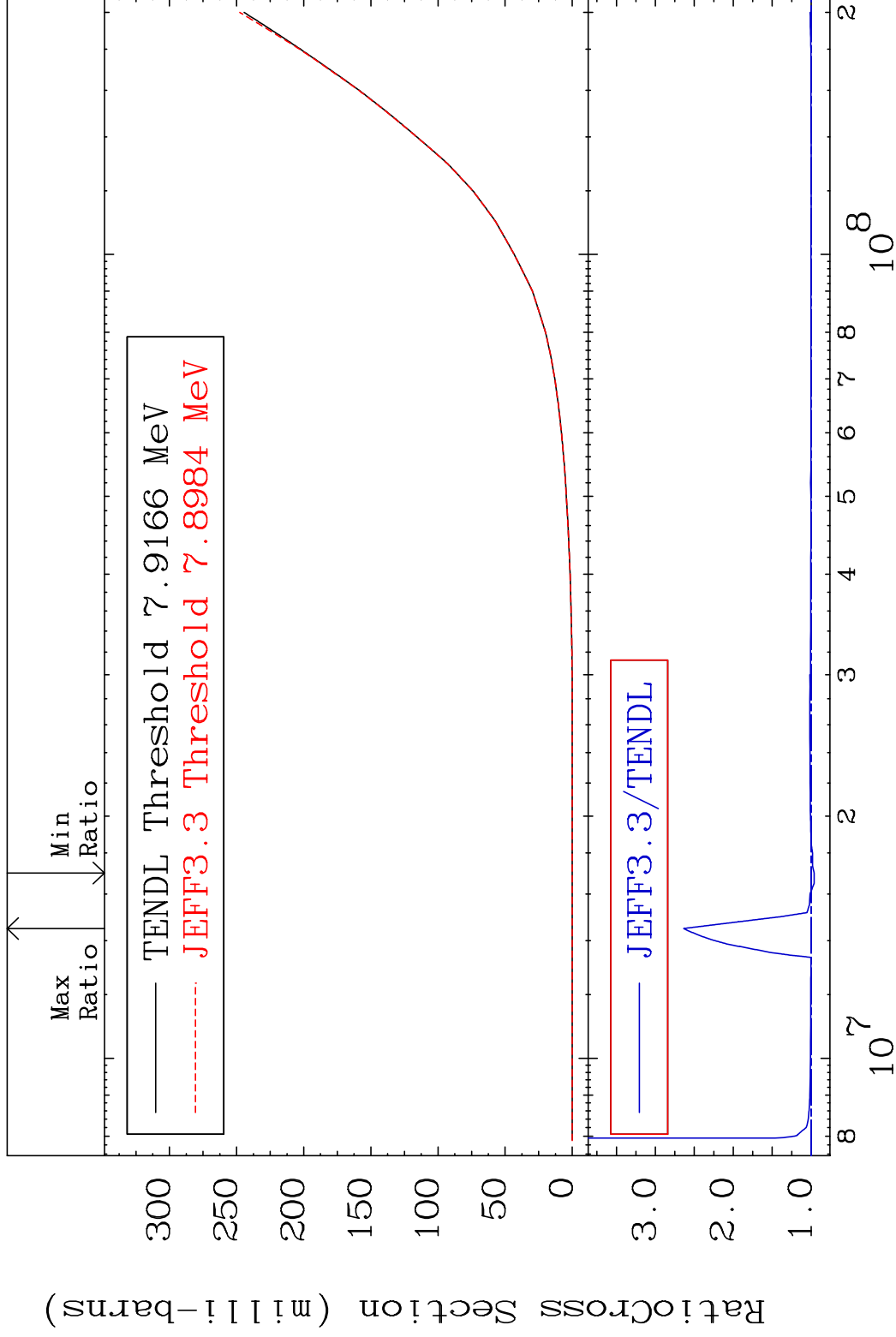
68-Er-169

MAT 6846

He-3 Production

68-Er-169

Cross Section -3.809 To 163.7 %



60

Incident Energy (eV)

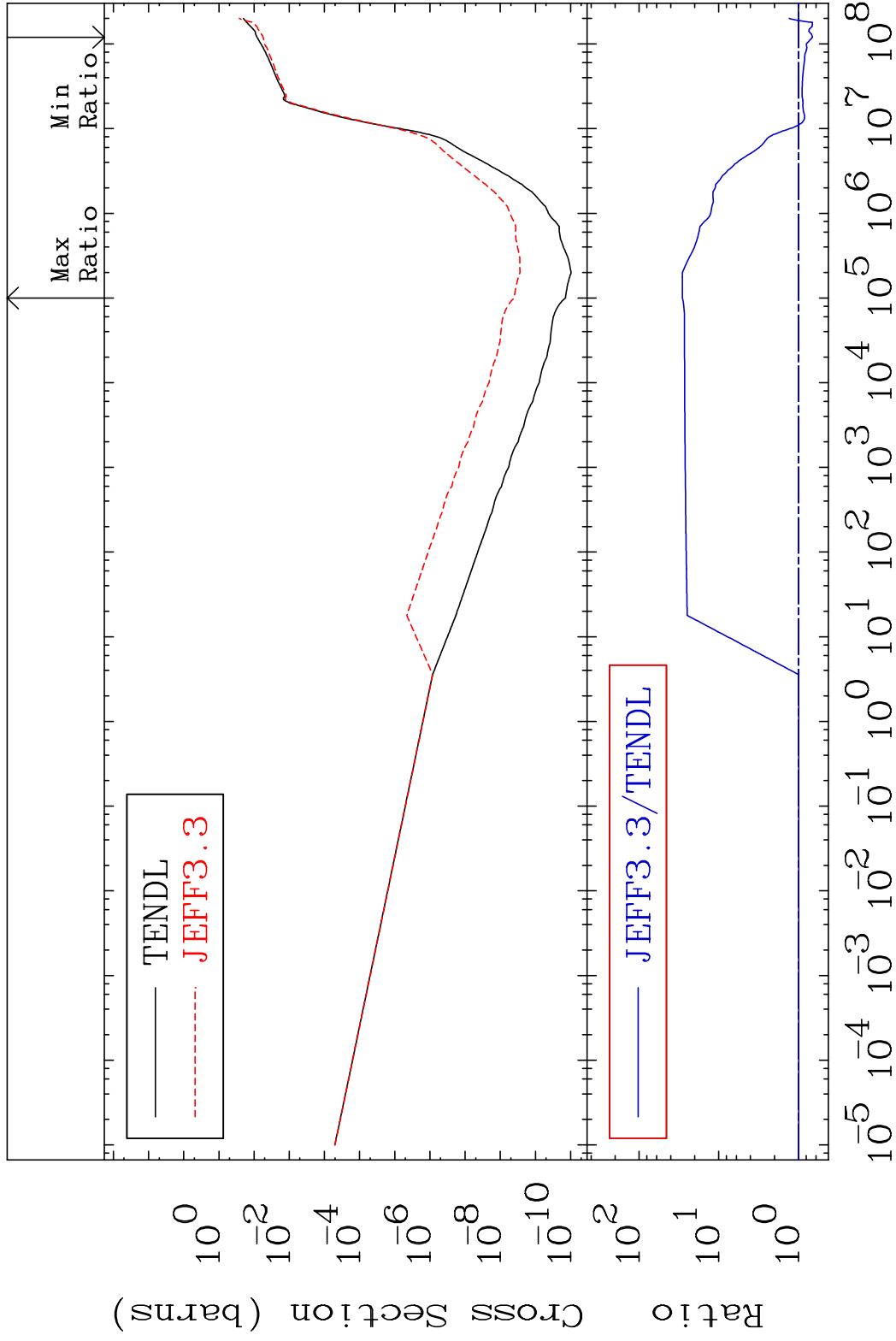
68-Er-169

MAT 6846

He-4 Production

68-Er-169

Cross Section -33.53 To 2761. %

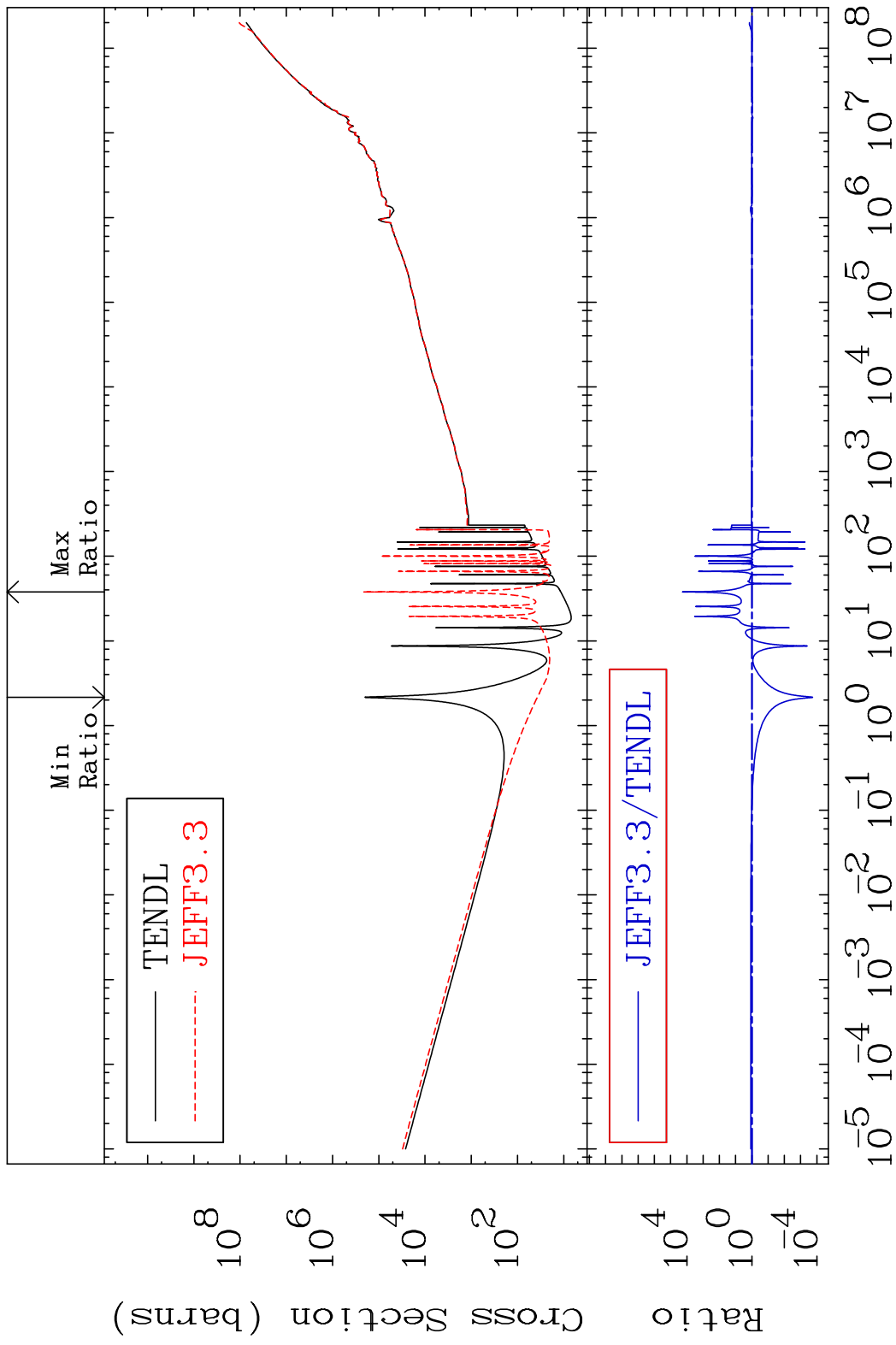


61

Incident Energy (eV)

68-Er-169

MAT 6846 Kerma total (eV-barns) 68-Er-169
 Cross Section -99.98 To 9999. %

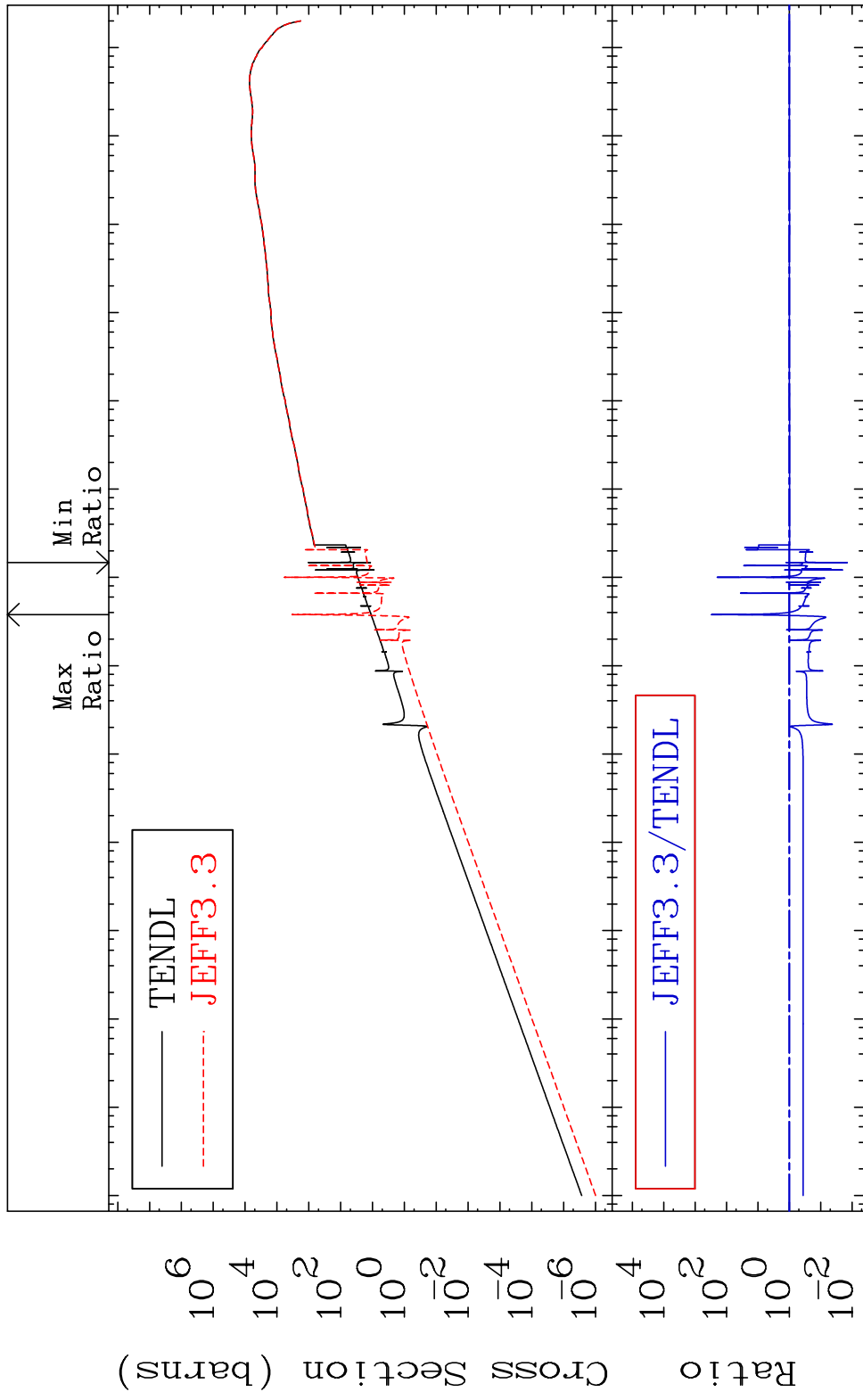


MAT 6846

Kerma elastic

68-Er-169

Cross Section -98.57 To 9999. %



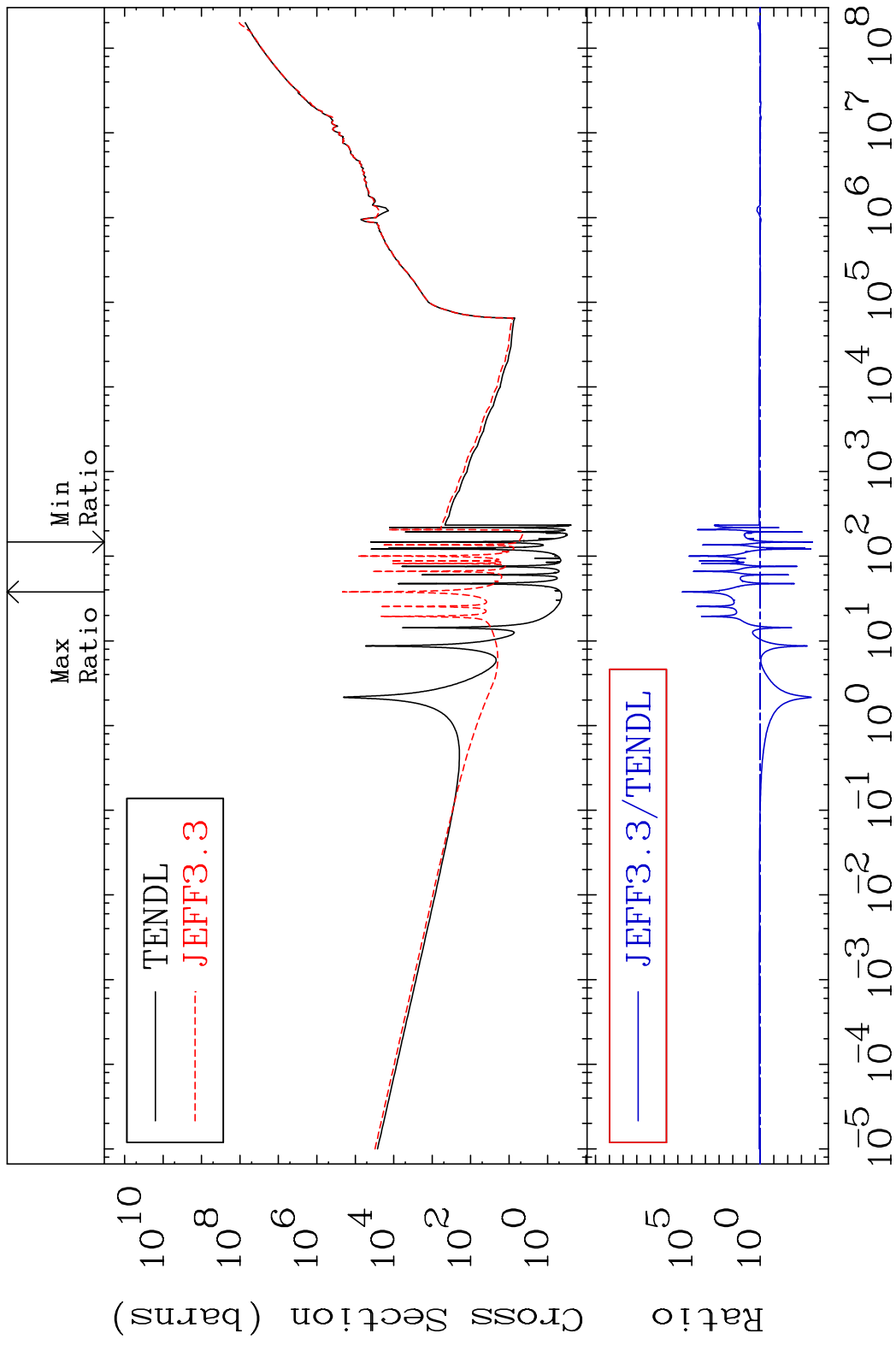
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

63

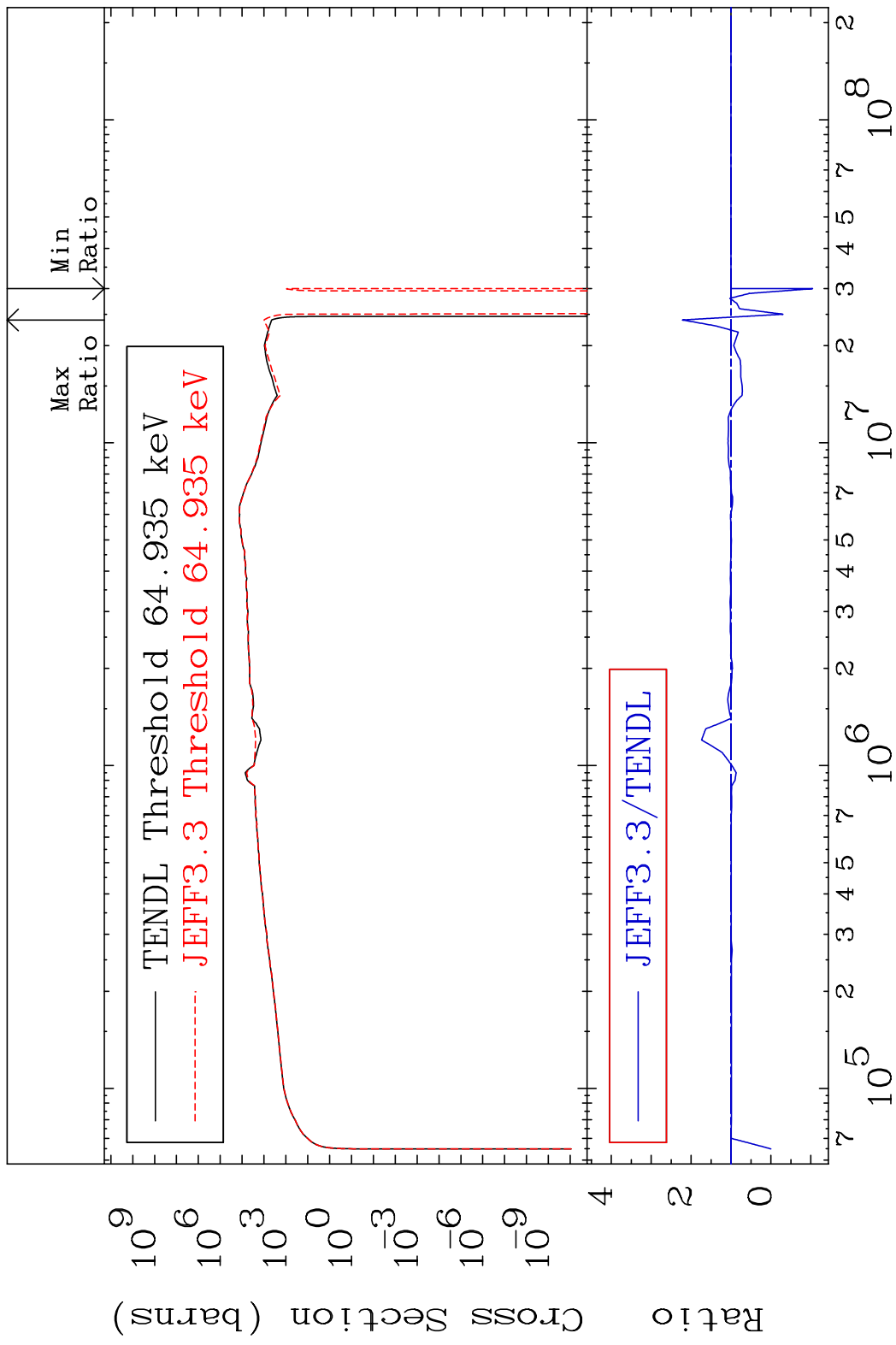
Incident Energy (eV)

68-Er-169

MAT 6846 Kerma non-elastic (all but mt2) 68-Er-169
 Cross Section -99.98 To 9999. %

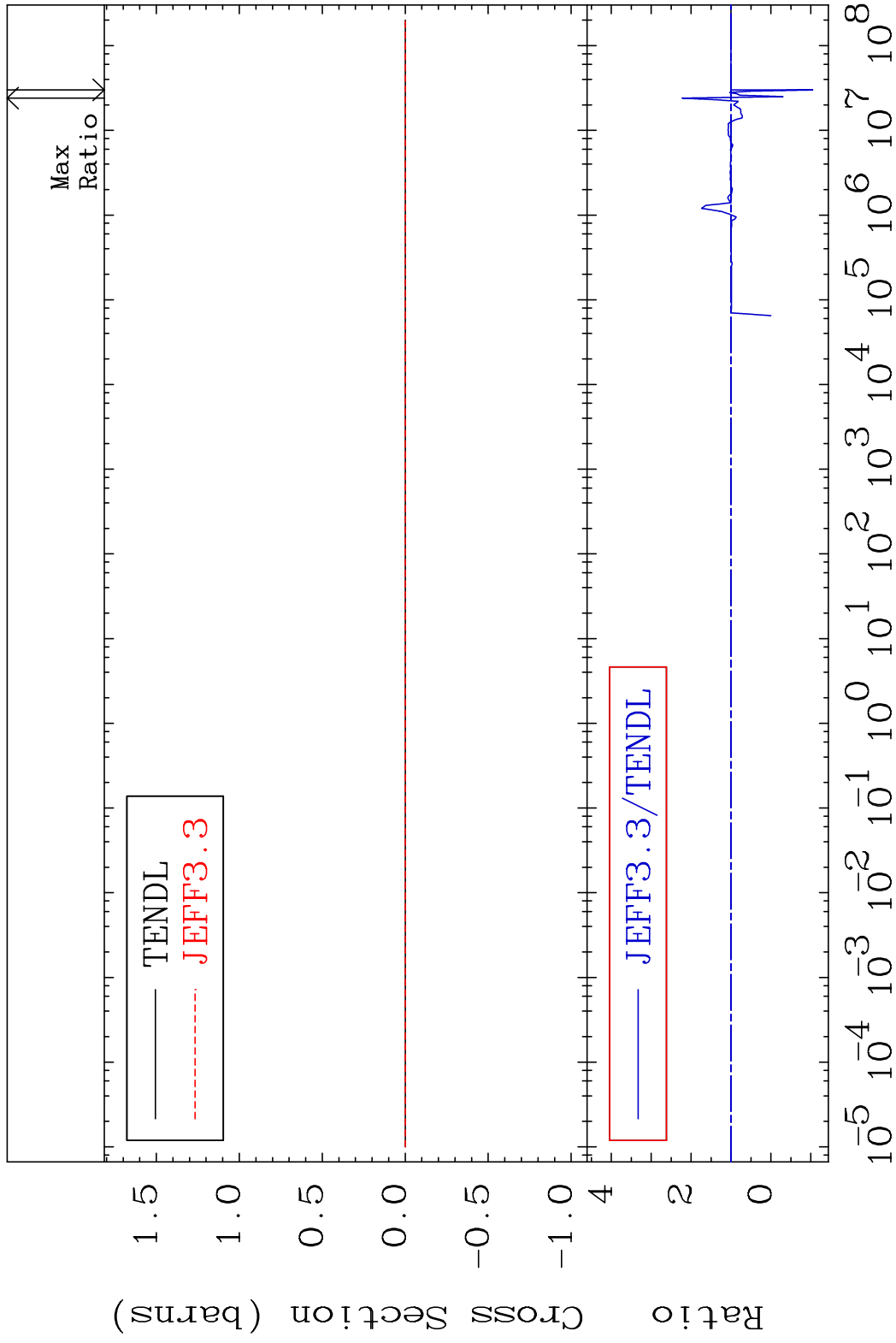


MAT 6846 Kerma inelastic (mt51-91) 68-Er-169
 Cross Section -204.3 To 122.0 %



65 Incident Energy (eV) 68-Er-169

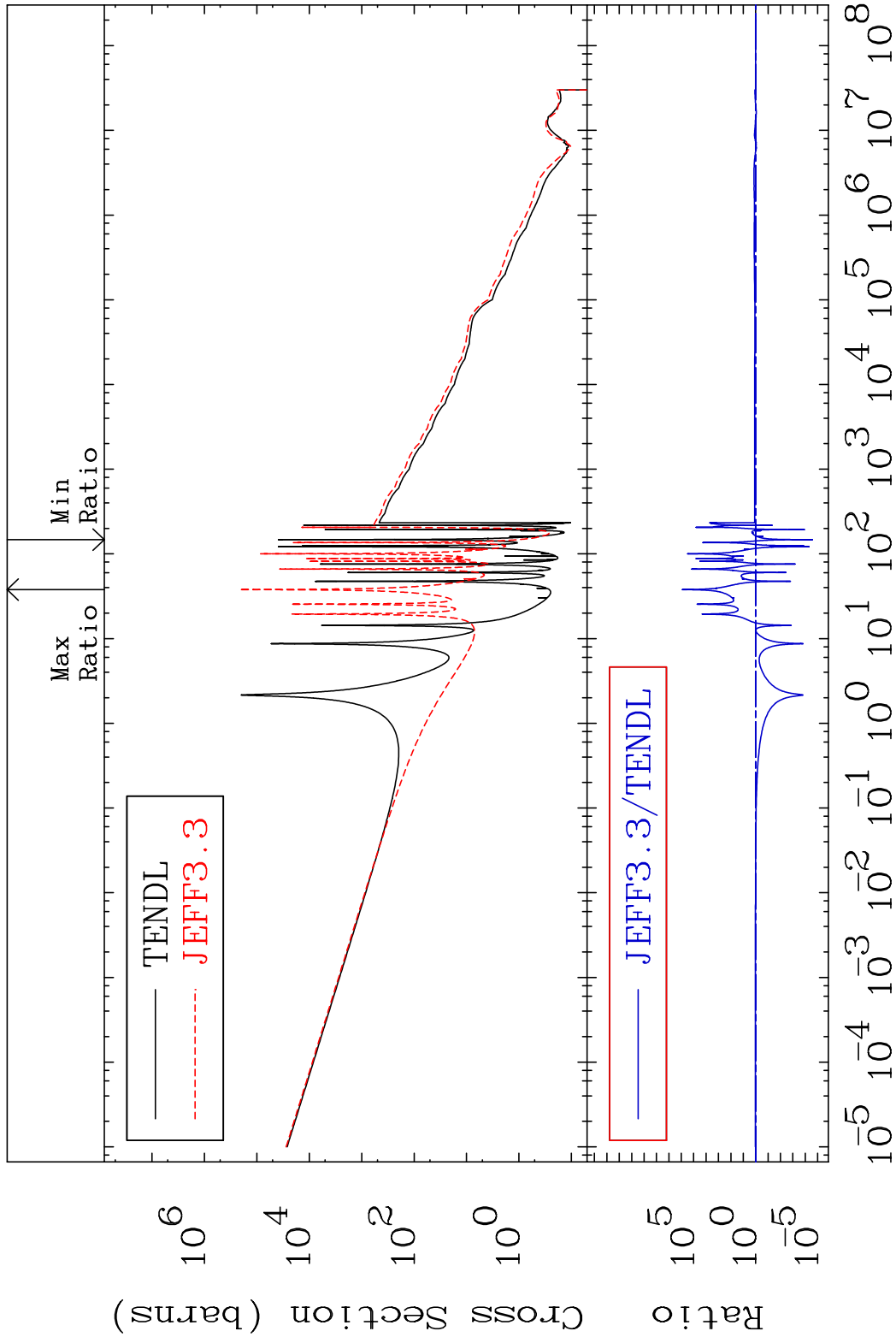
MAT 6846 Kerma fission (mt18 or mt19-20-21-38) 68-Er-169
 Cross Section -204.3 To 122.0 %



MAT 6846

Kerma capture (mt102) 68-Er-169

Cross Section -100.0 To 9999. %

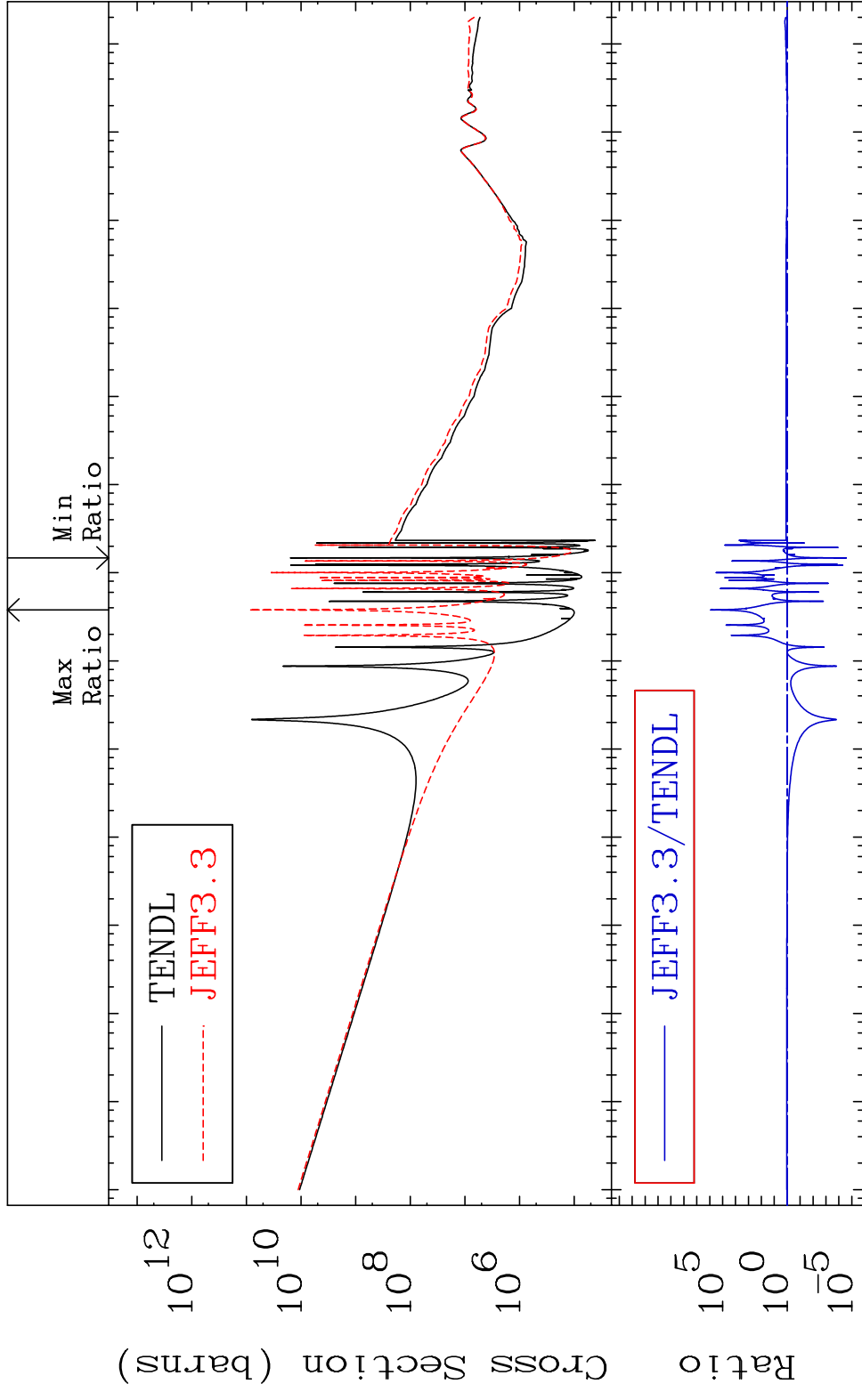


67

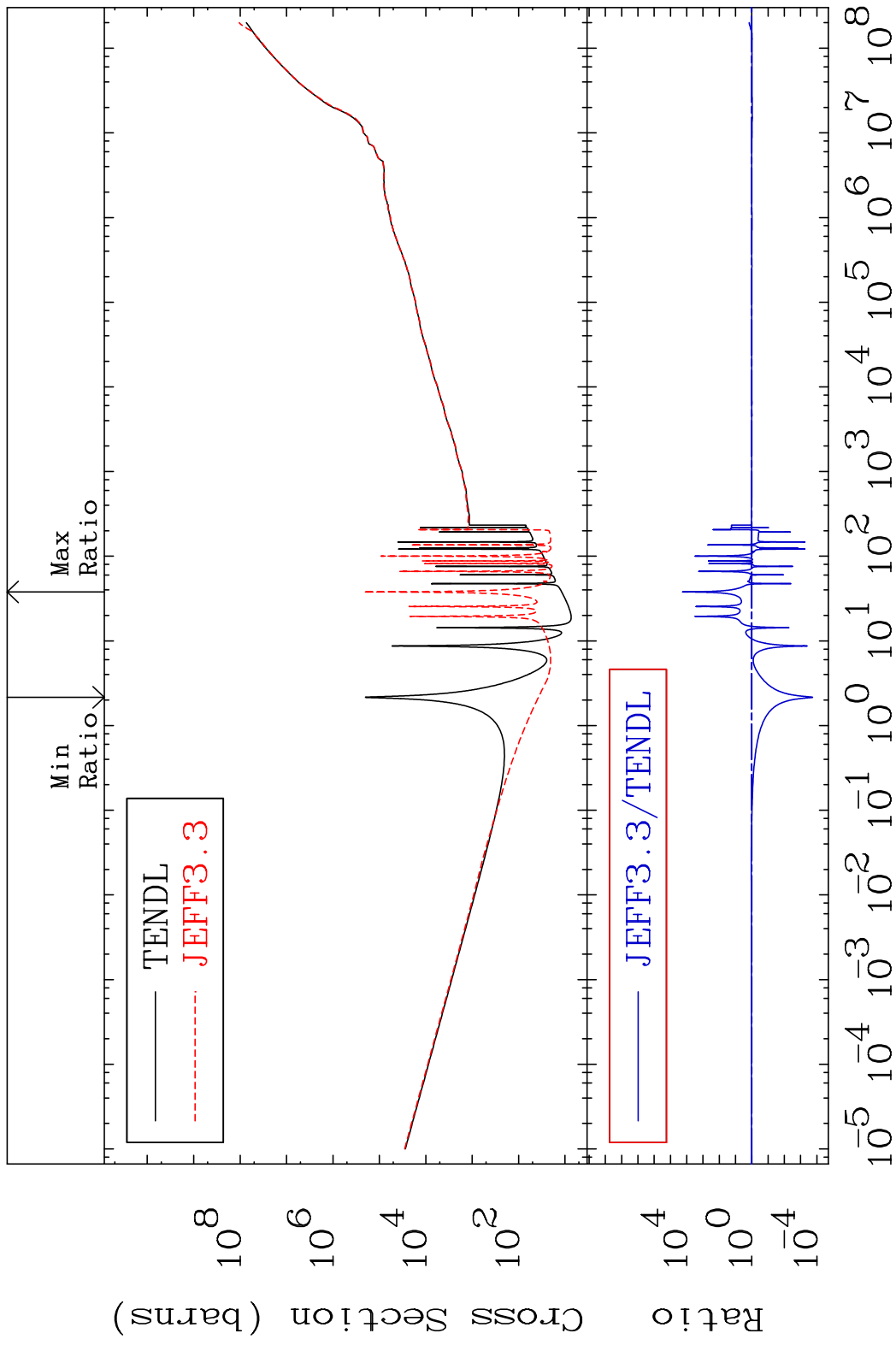
Incident Energy (eV)

68-Er-169

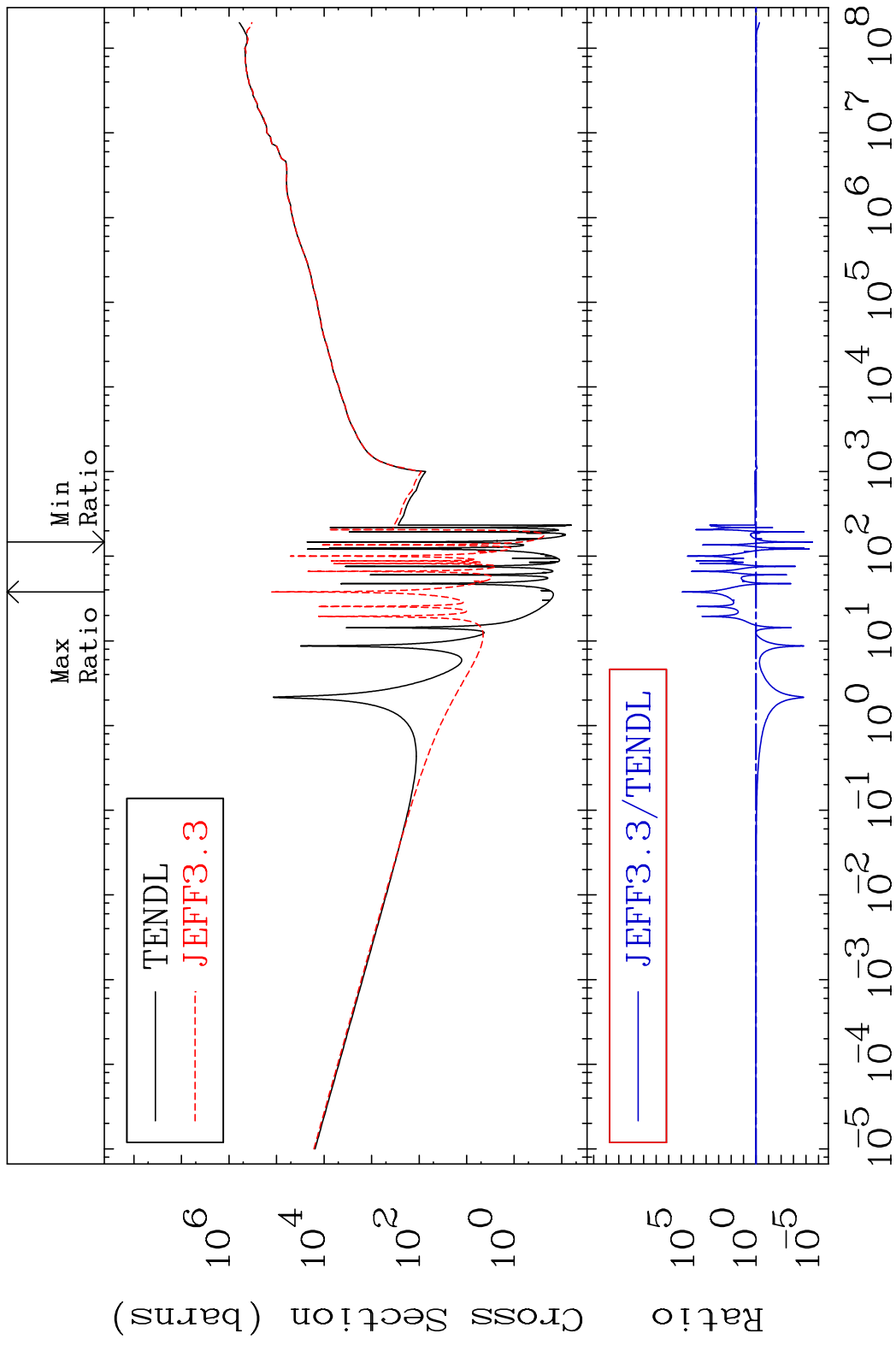
MAT 6846 Total photon (eV-barns) 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 Total kinematic kerma (high limit) 68-Er-169
 Cross Section -99.98 To 9999. %



MAT 6846 Dpa total (eV-barns) 68-Er-169
 Cross Section -100.0 To 9999. %



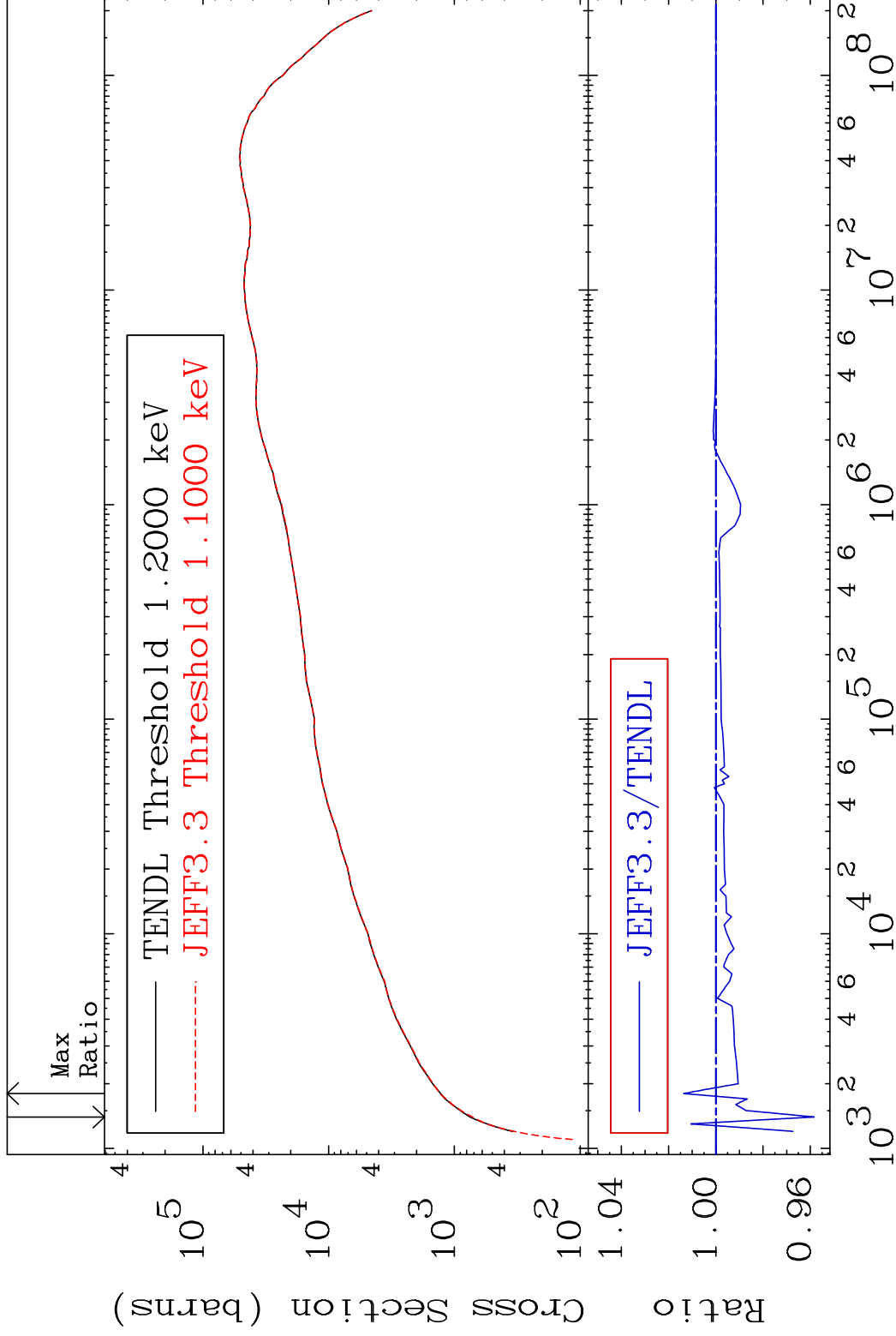
70 Incident Energy (eV) 68-Er-169

MAT 6846

Dpa elastic (mt2)

68-Er-169

Cross Section -4.163 To 1.363 %

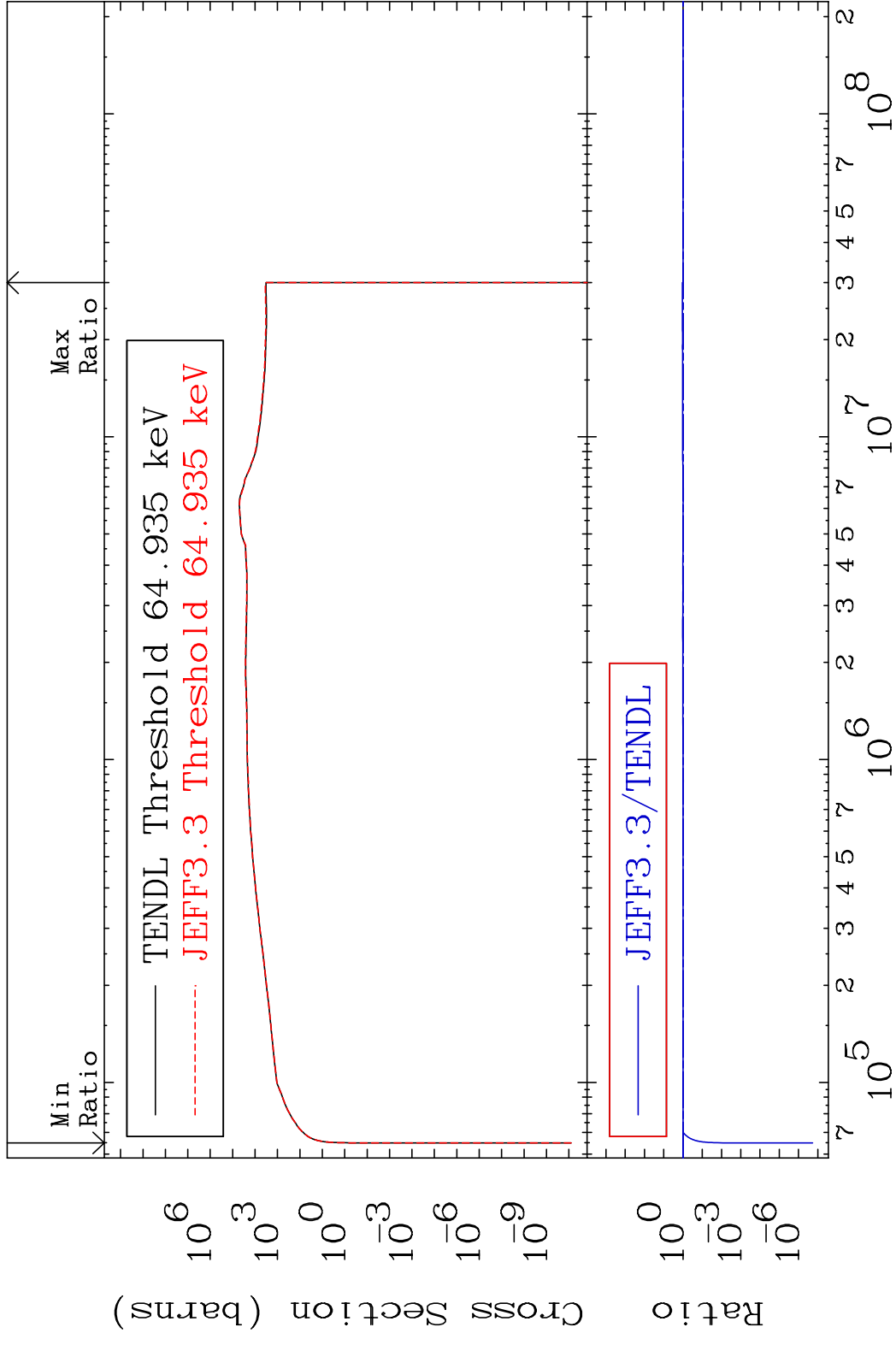


71

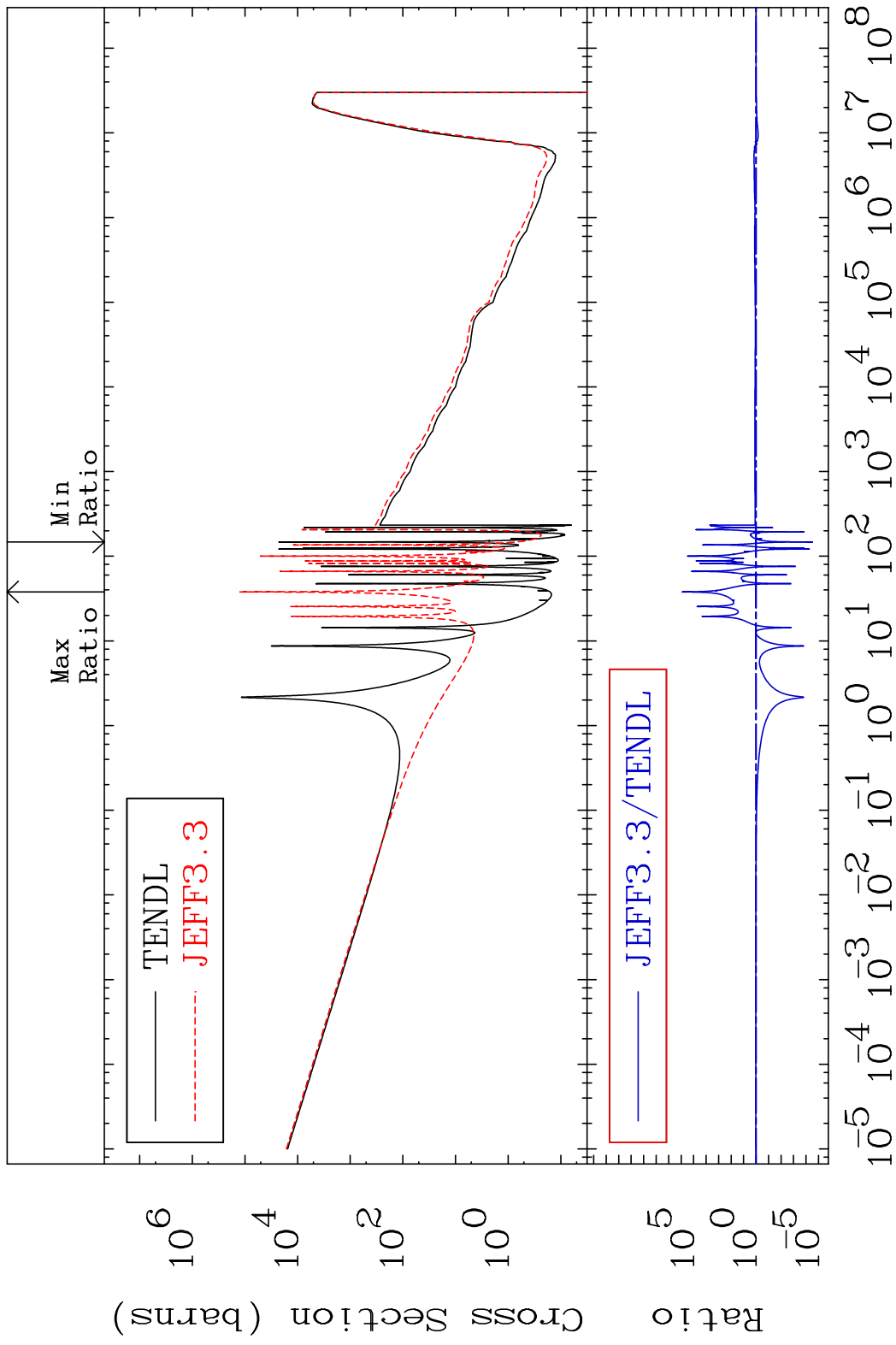
Incident Energy (eV)

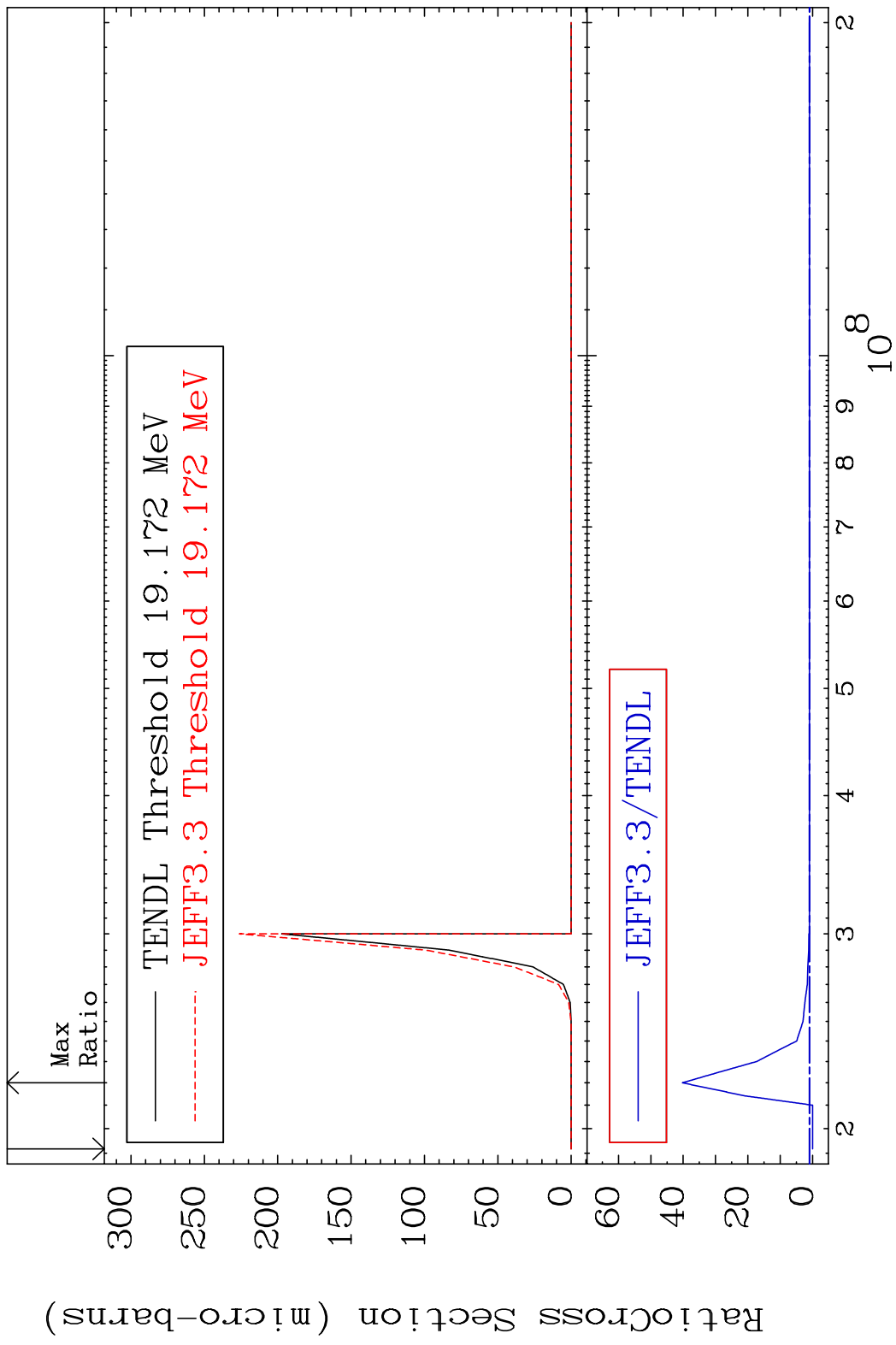
68-Er-169

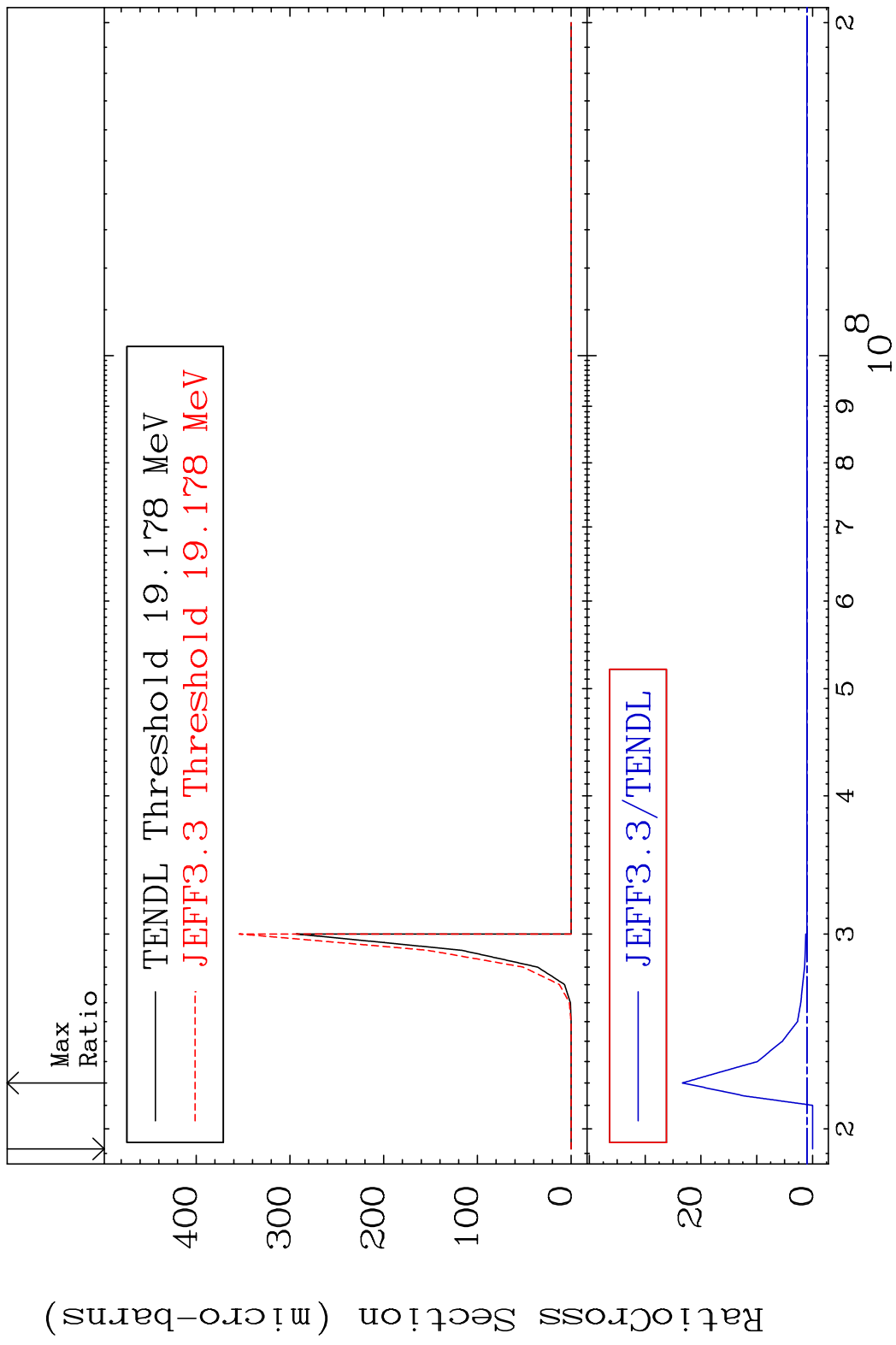
MAT 6846 Dpa inelastic (mt51-91) 68-Er-169
 Cross Section -100.0 To 8.200 %



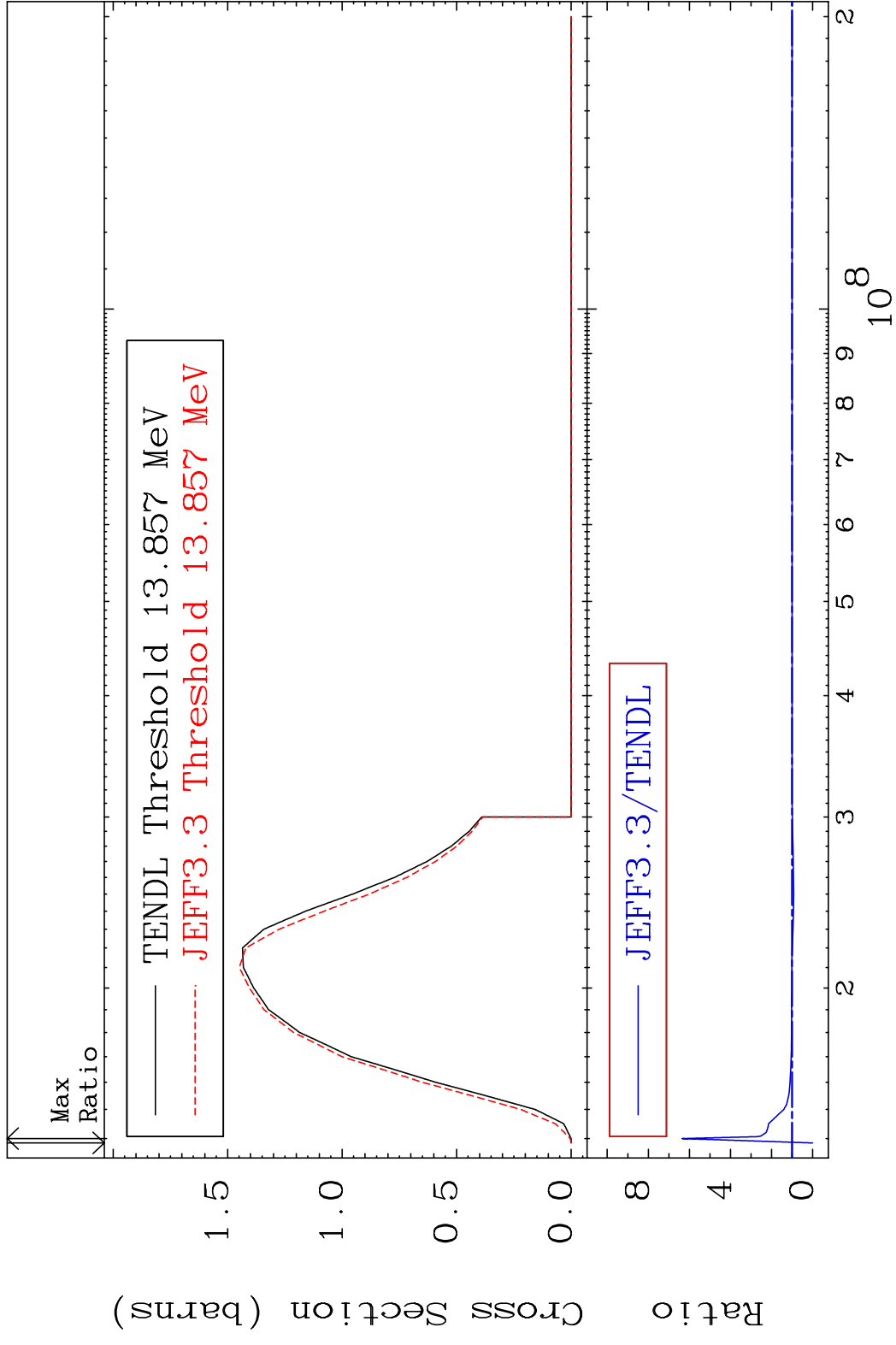
MAT 6846 Dpa disappearance (mt102 -120) 68-Er-169
 Cross Section -100.0 To 9999. %



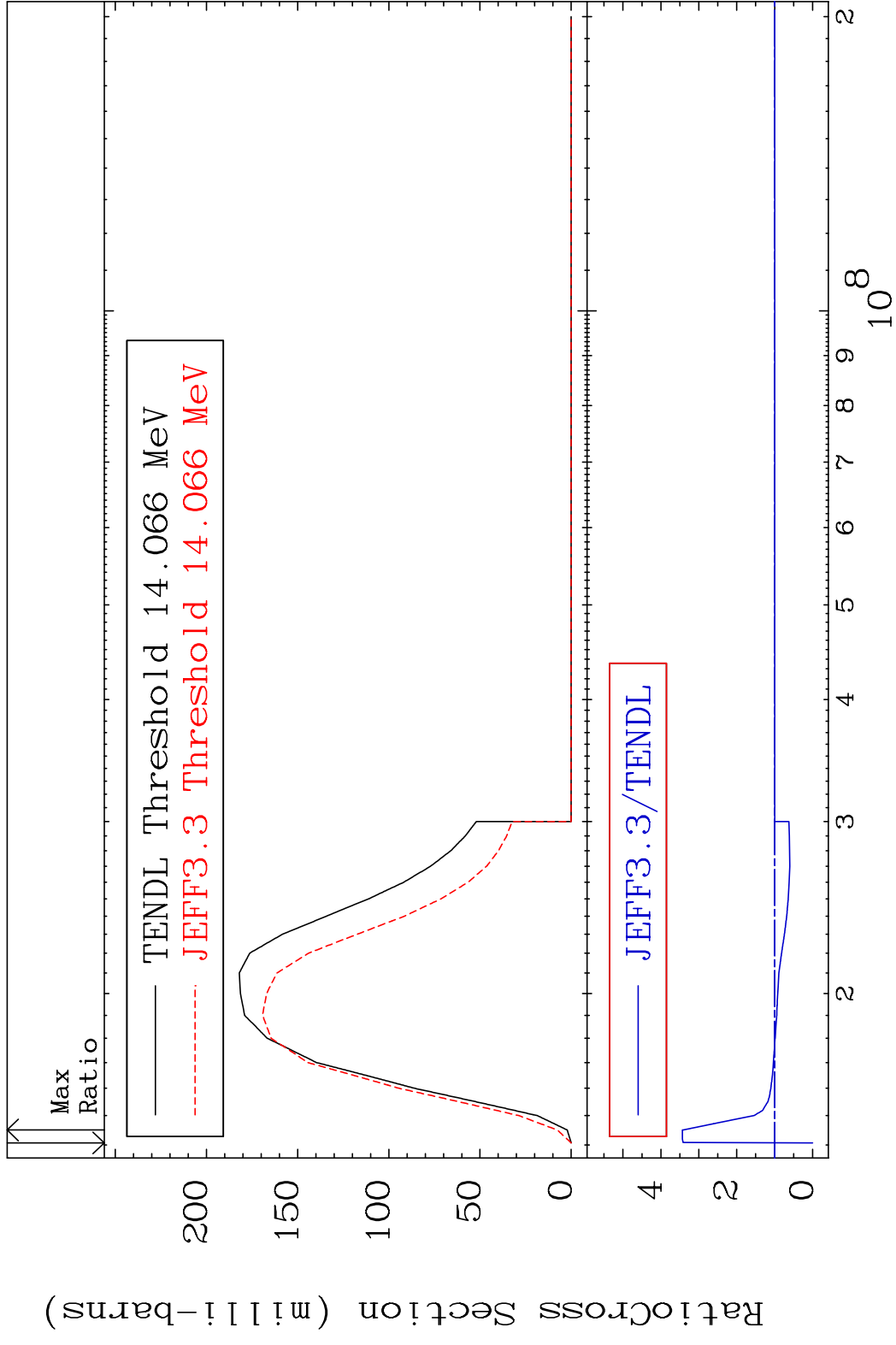


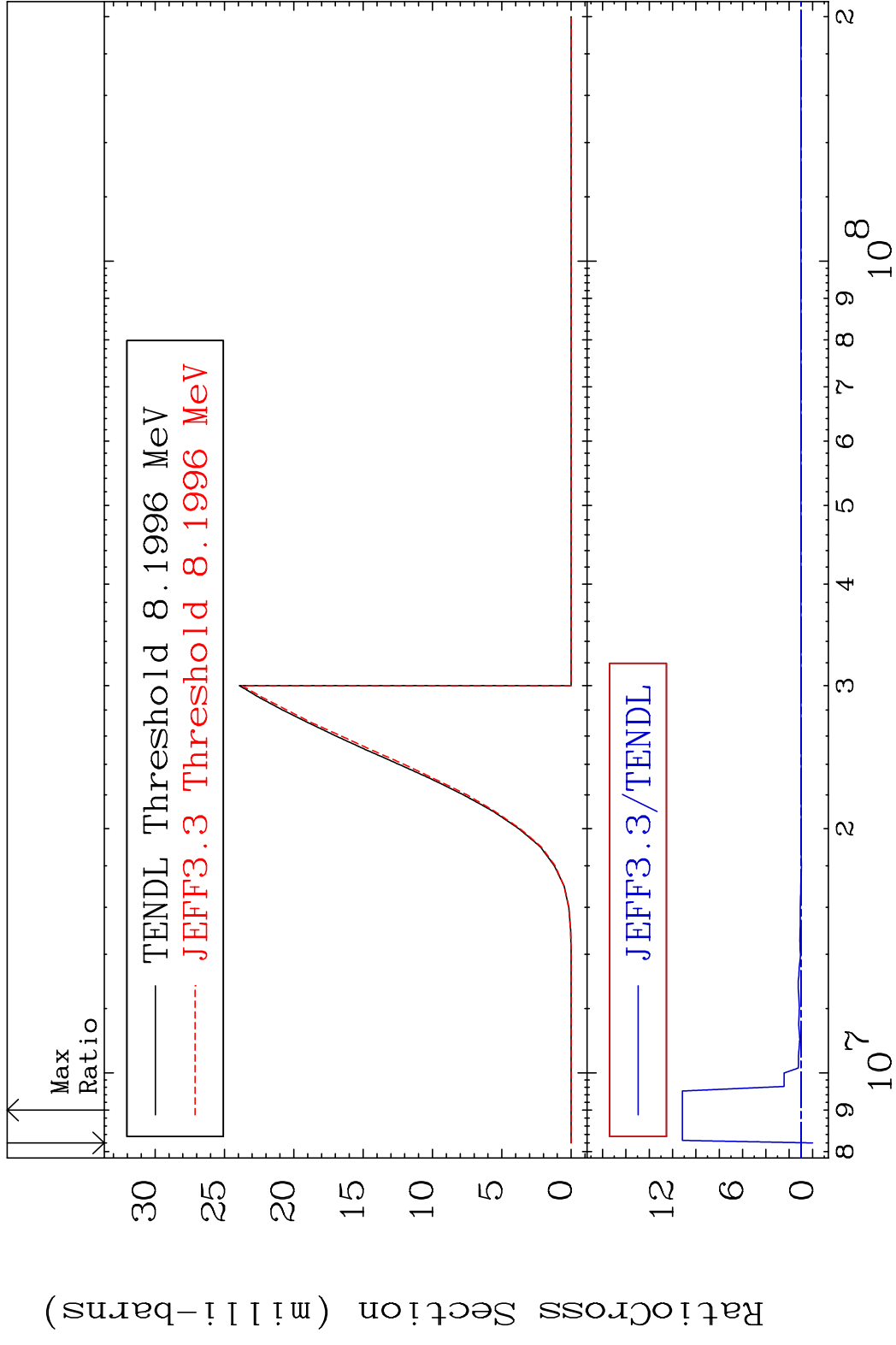


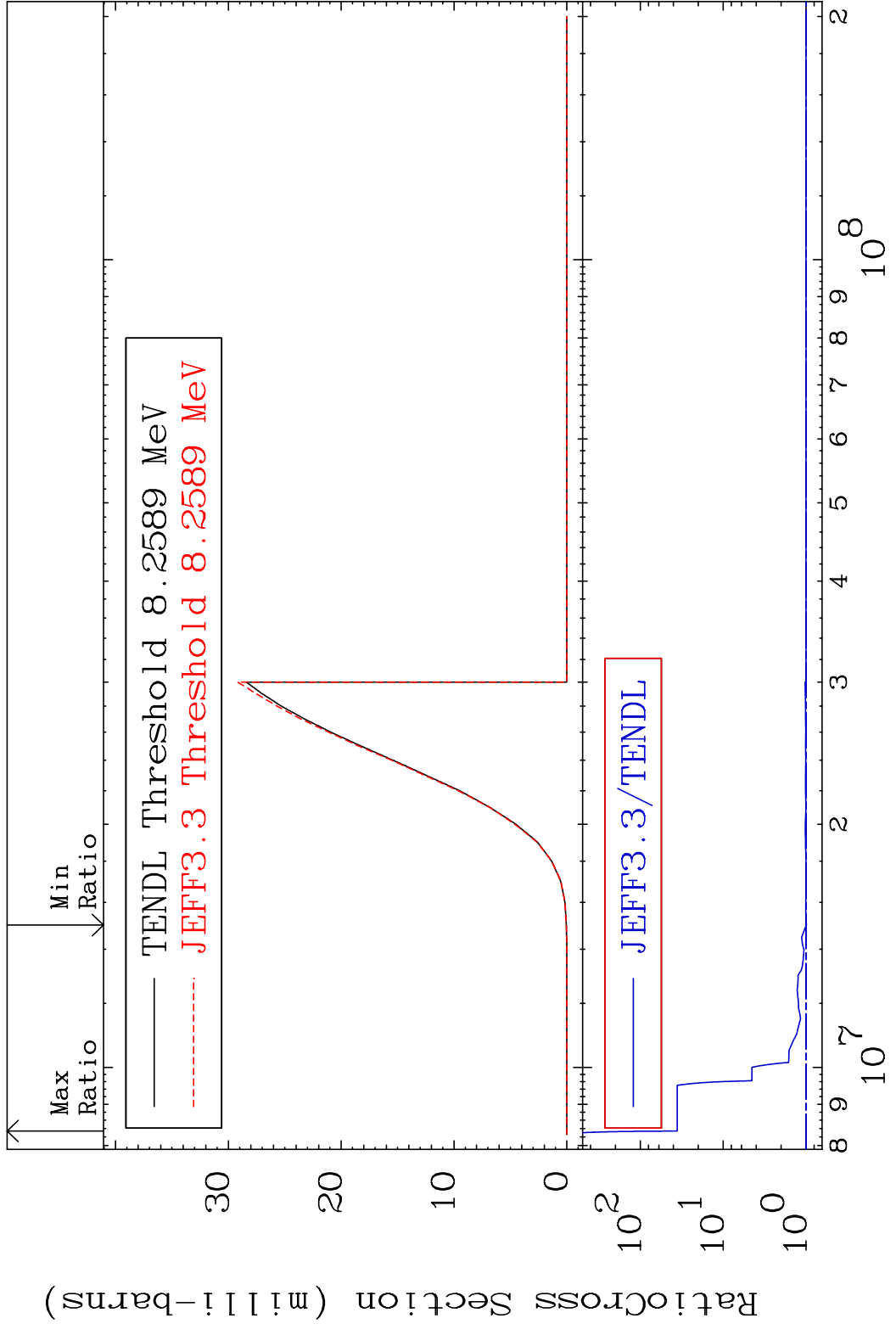
MAT 6846 (n,3n):68-Er-167g 68-Er-169
 Radionuclide Production Cross Section Ratio 534.2 %



MAT 6846 (n, 3n):68-Er-167m3 68-Er-169
 Radionuclide Production Cross Section Ratio 243.4 %







MAT 6846 (n, n') t:67-Ho-166g 68-Er-169
 Radionuclide Production Cross Section 180.0 dth 780.6 %

