

Program Complot  
(Version 2021-1)

by

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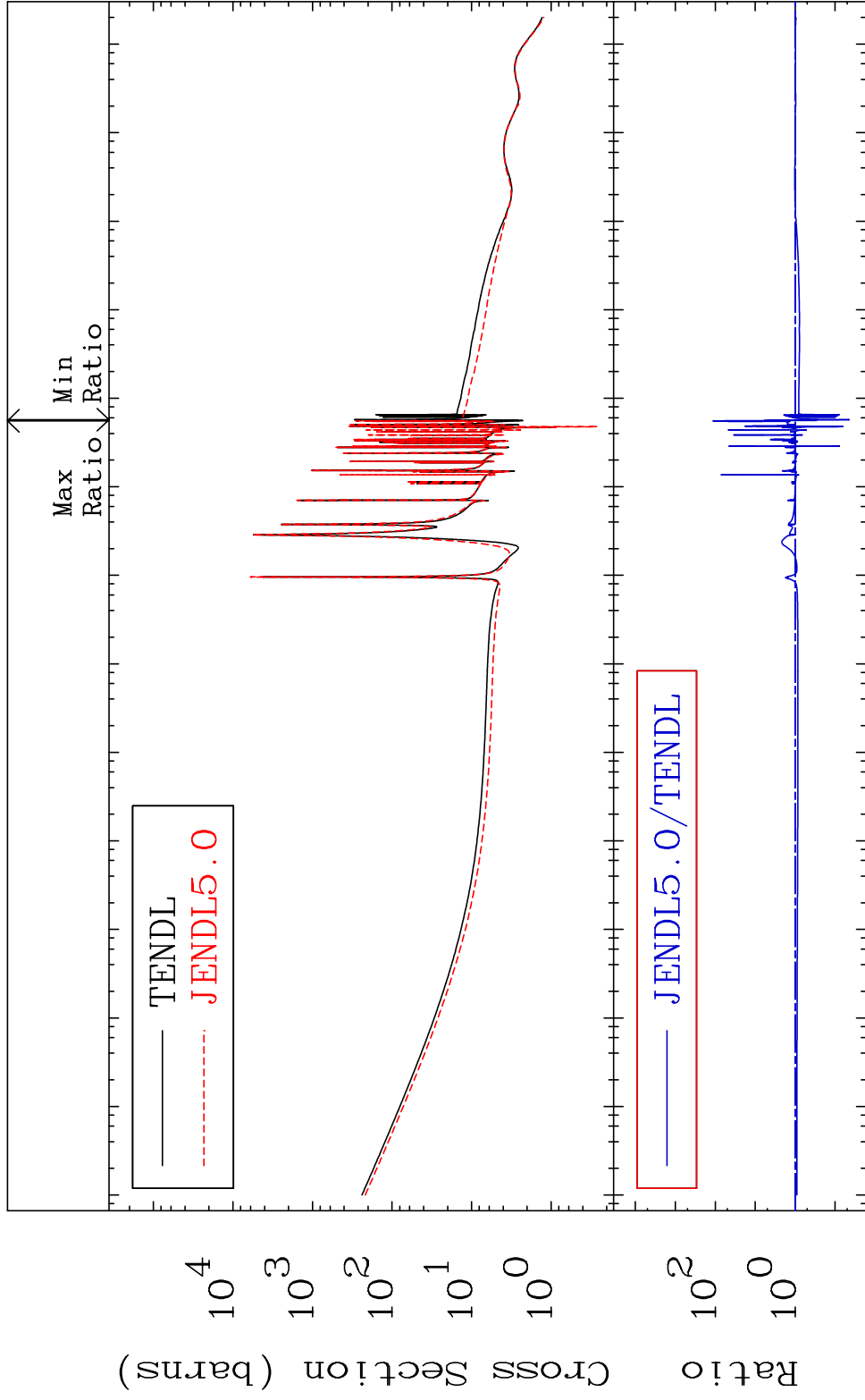
Press Mouse Button to Start

MAT 3131

Total

31-Ga-71

Cross Section -95.57 To 9999. %



1

Incident Energy (eV)

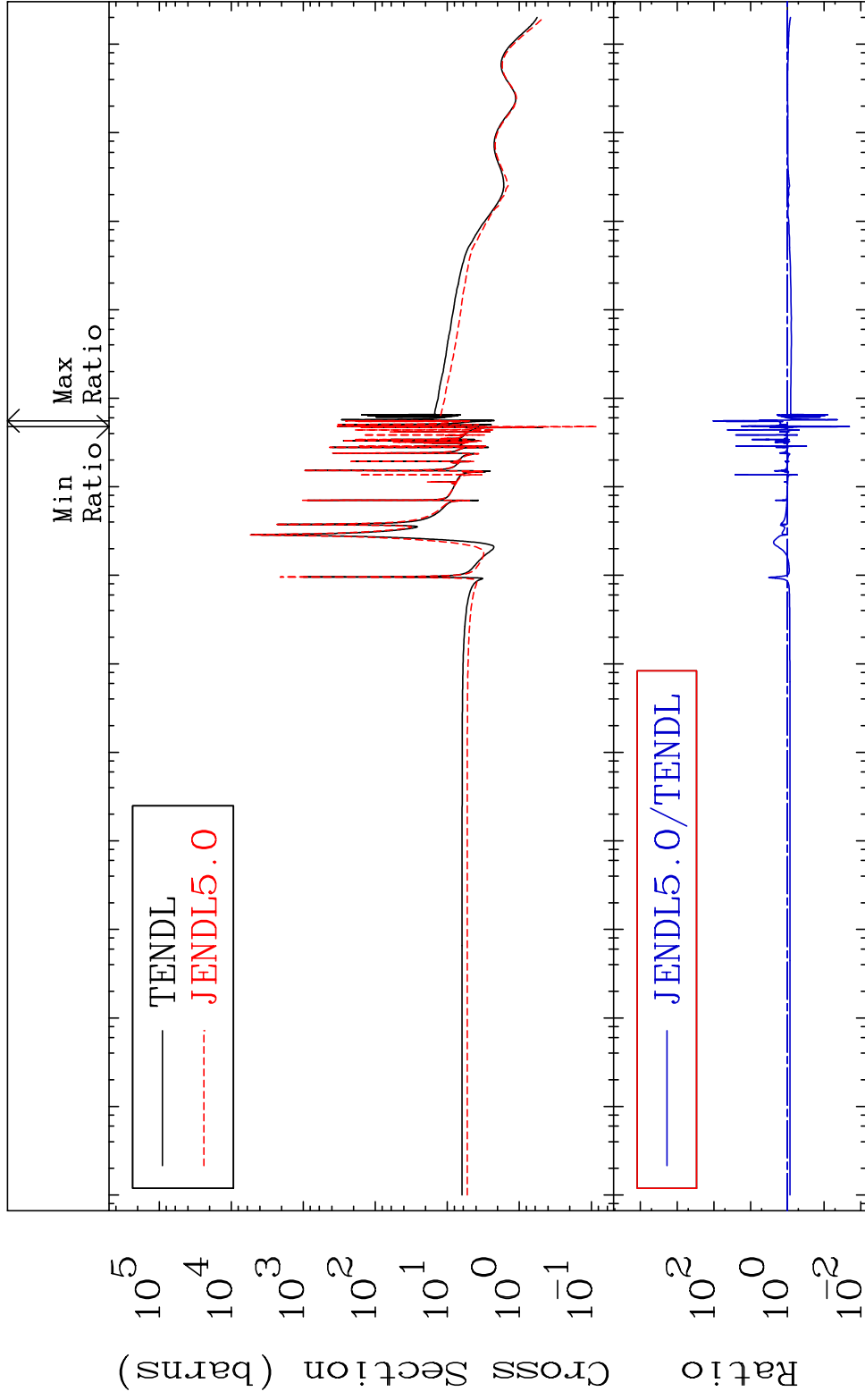
31-Ga-71

MAT 3131

Elastic

31-Ga-71

Cross Section -97.94 To 9999. %

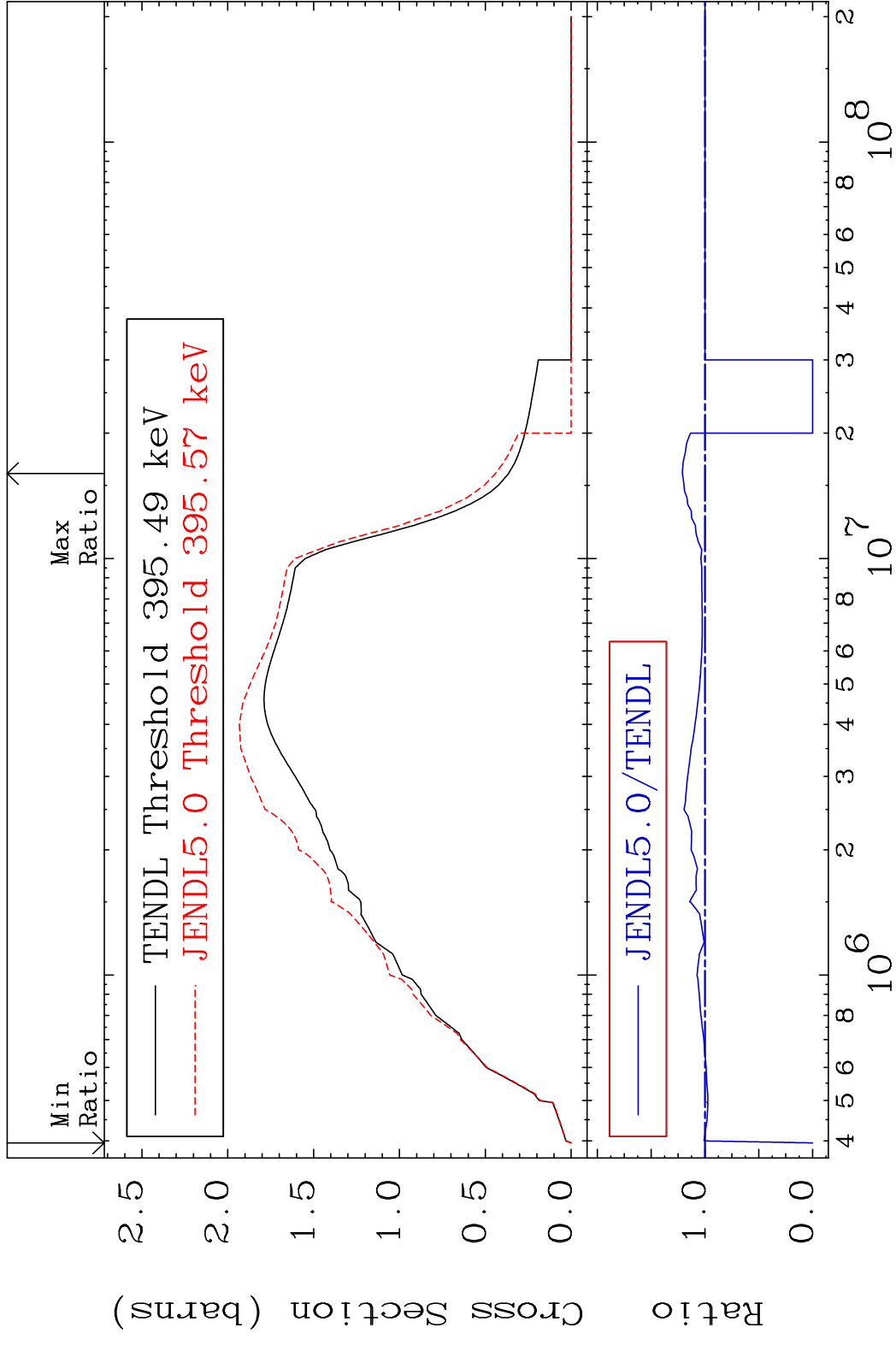


2

Incident Energy (eV)

31-Ga-71

MAT 3131 Inelastic Cross Section -100.0 To 21.04 % 31-Ga-71

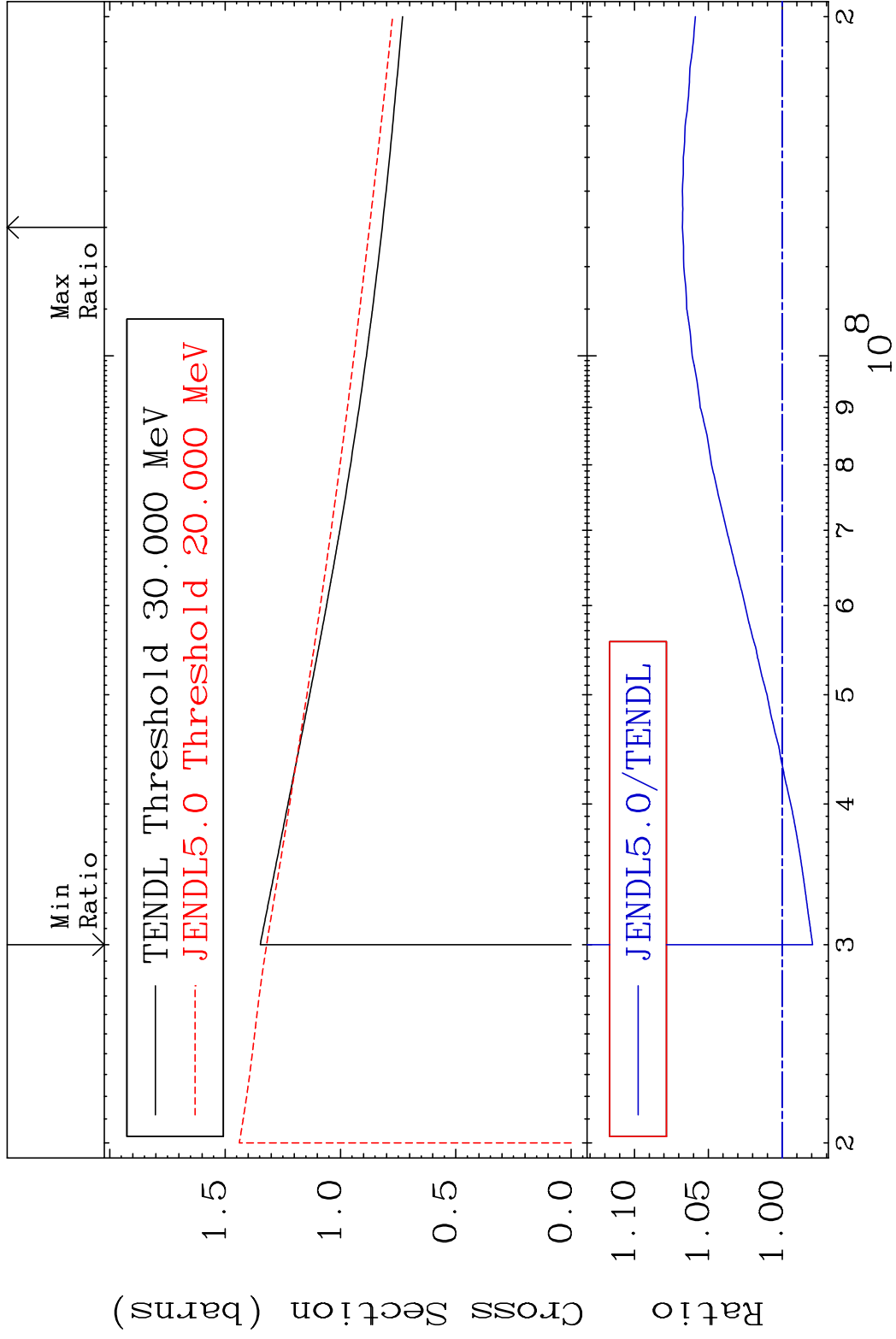


MAT 3131

(n, remainder)

31-Ga-71

Cross Section -2.055 To 6.757 %



4

Incident Energy (eV)

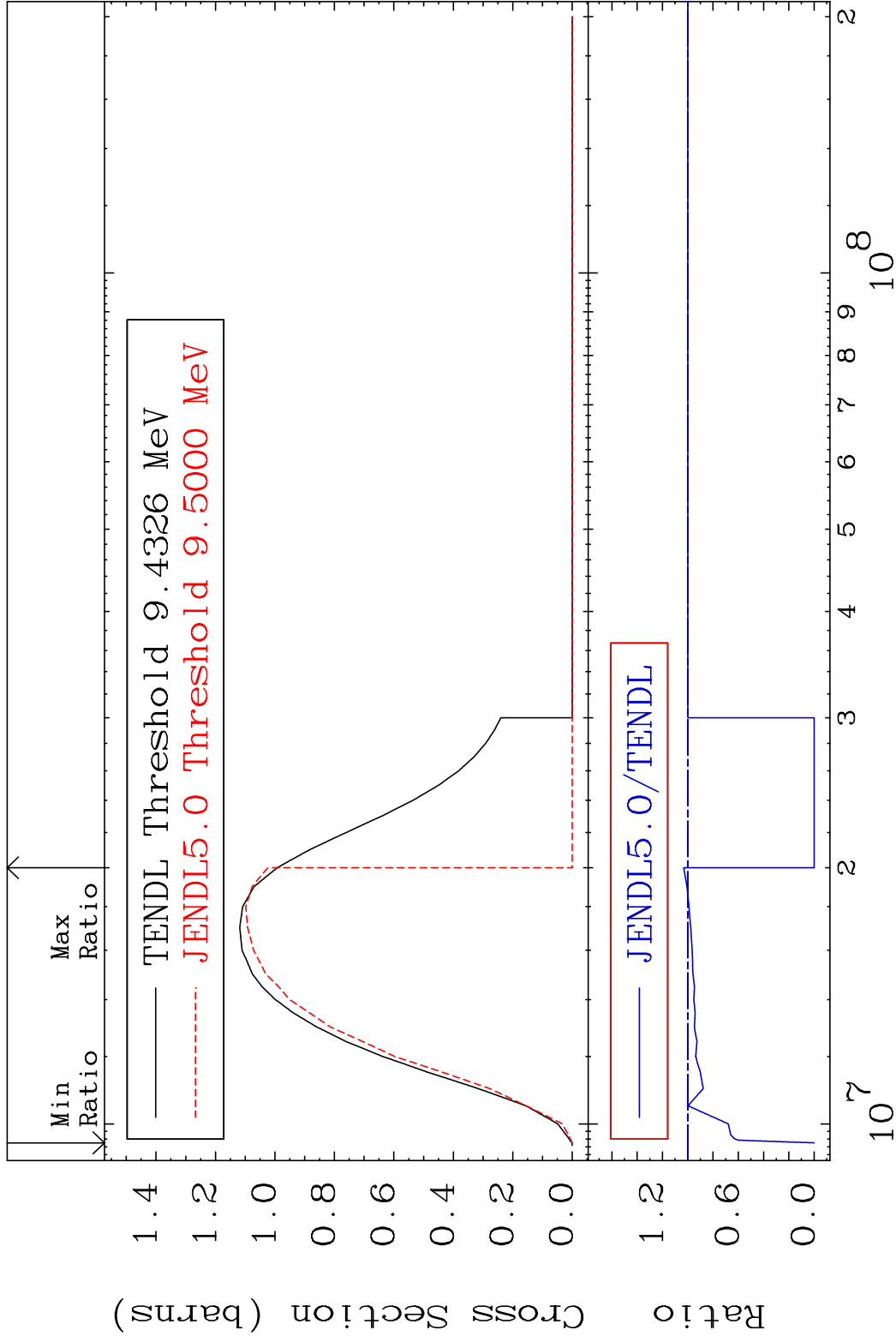
31-Ga-71

MAT 3131

(n,2n)

31-Ga-71

Cross Section -100.0 To 3.210 %

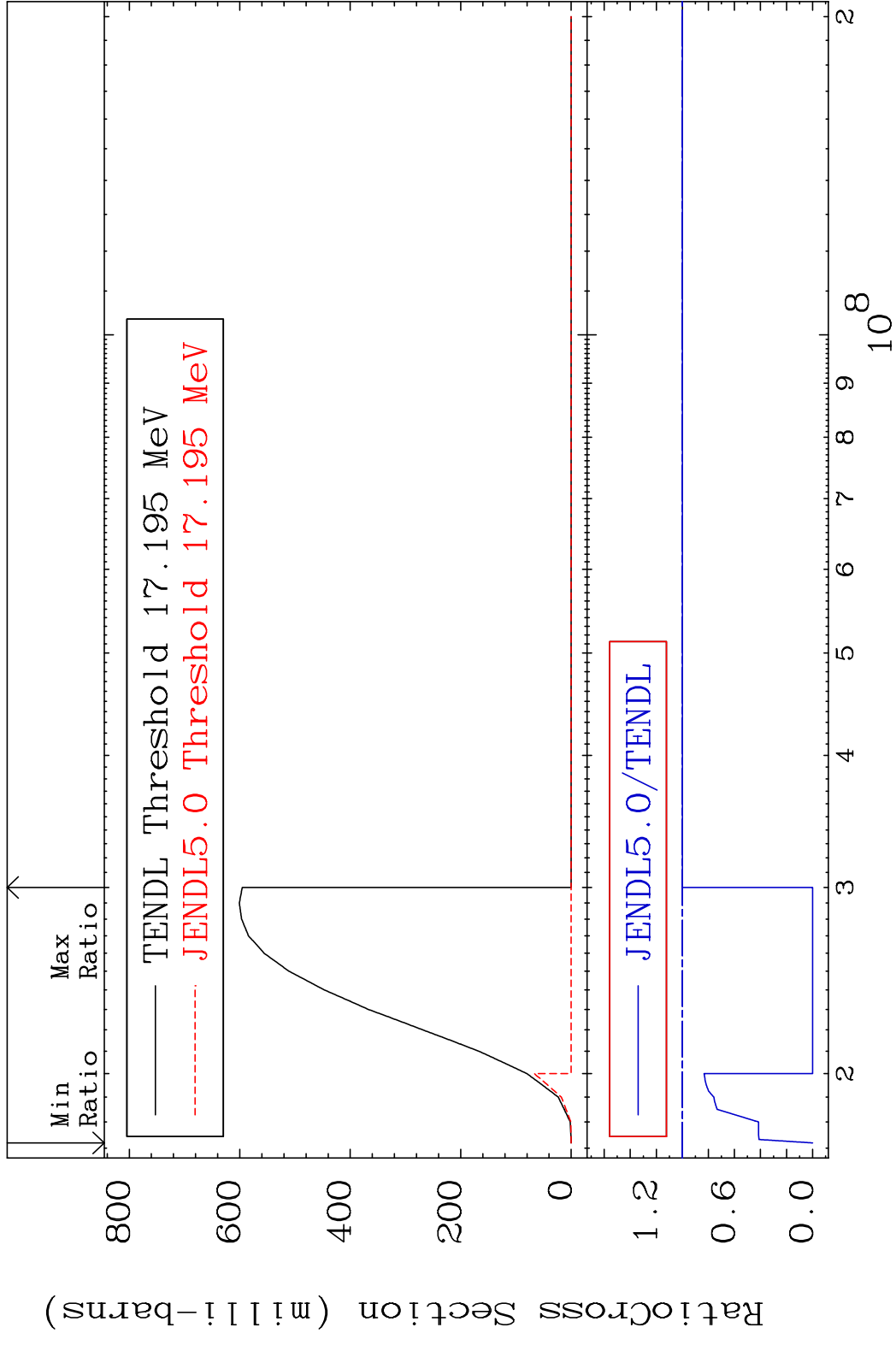


5

Incident Energy (eV)

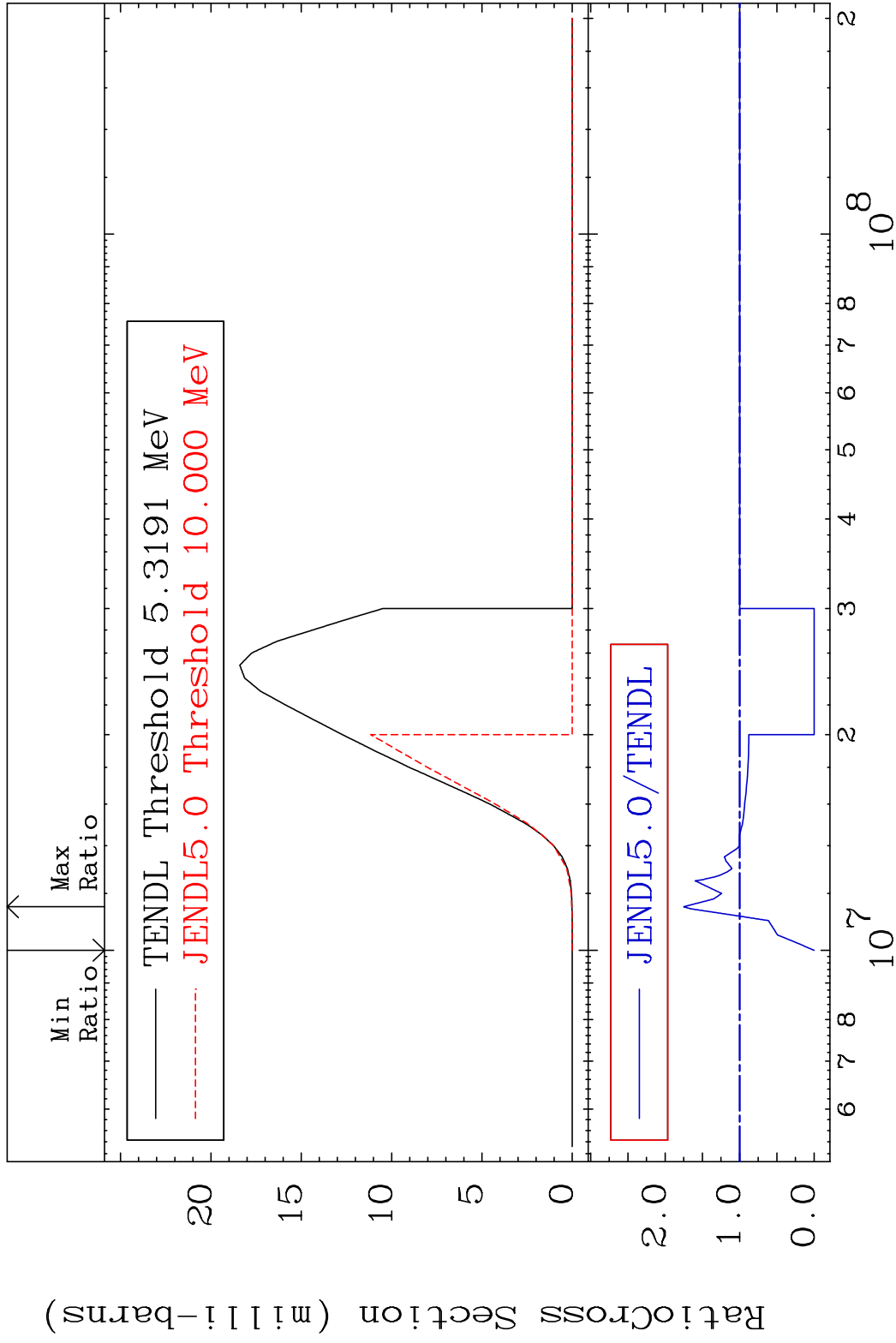
31-Ga-71

MAT 3131 (n,3n) 31-Ga-71  
 Cross Section -100.0 To 0.000 %



MAT 3131

(n, n')  $\alpha$  31-Ga-71  
Cross Section -100.0 To 75.16 %



7

Incident Energy (eV)

31-Ga-71

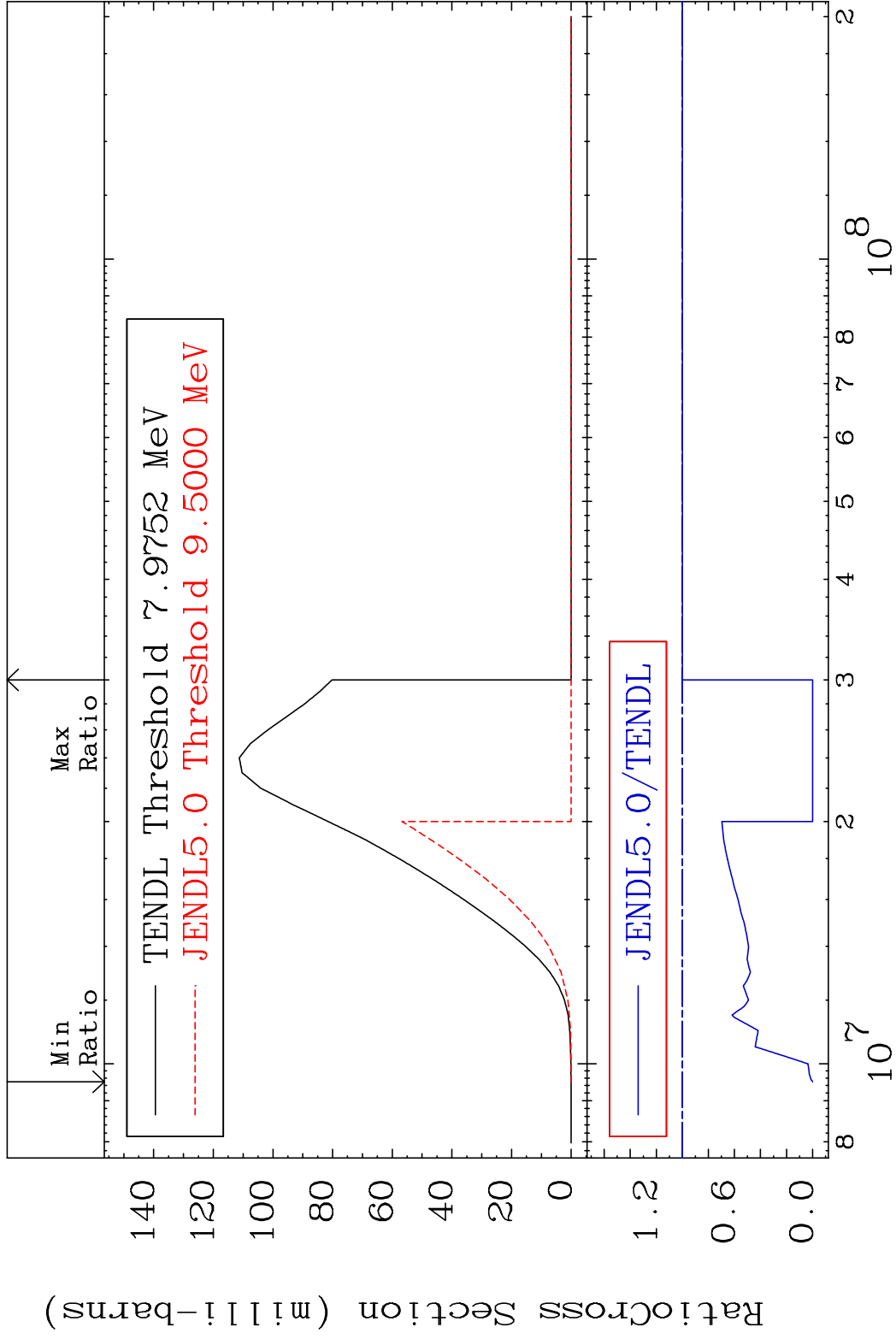


MAT 3131

(n, n') p

31-Ga-71

Cross Section -100.0 To 0.000 %



8

Incident Energy (eV)

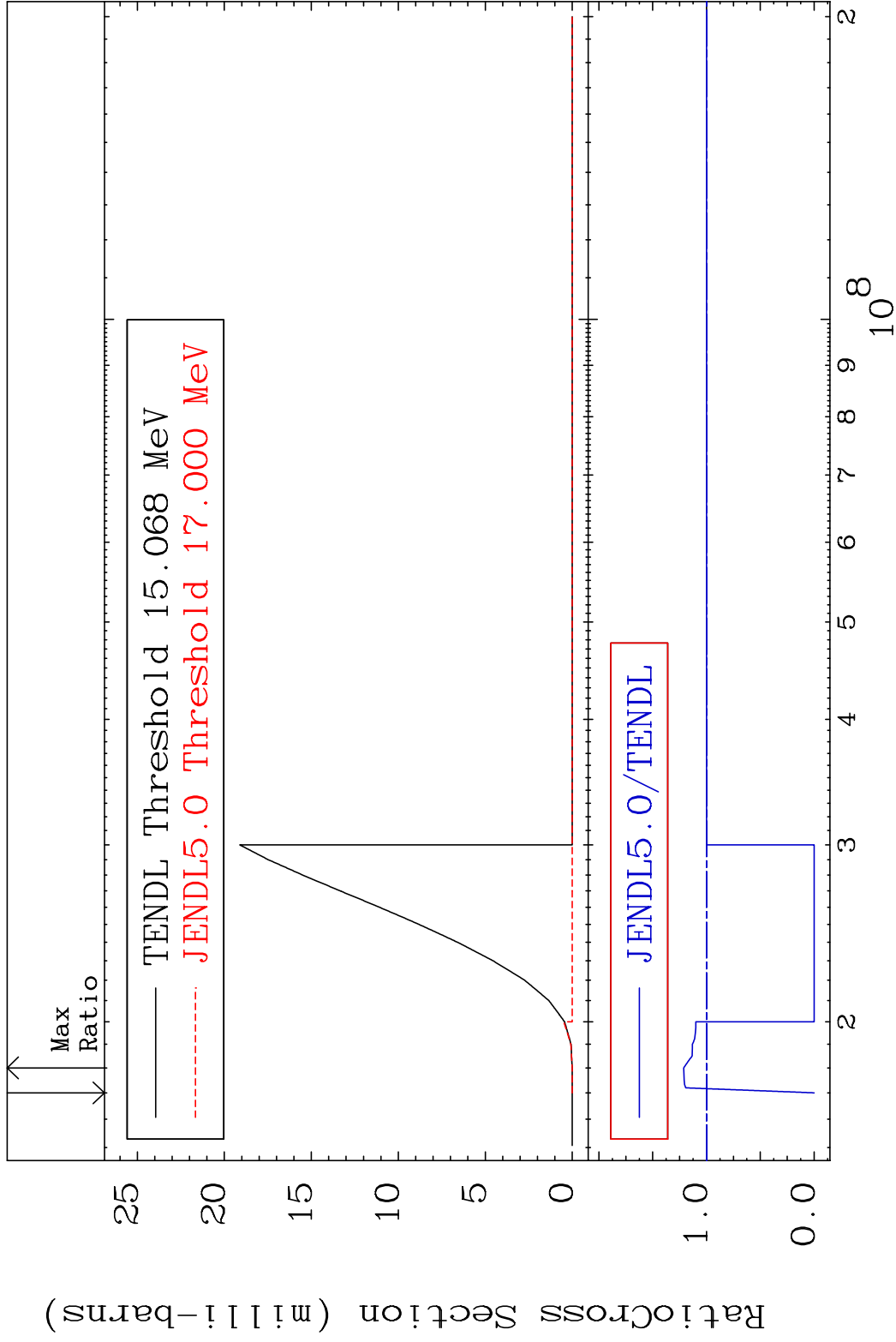
31-Ga-71

MAT 3131

(n, n') d

31-Ga-71

Cross Section -100.0 To 21.24 %

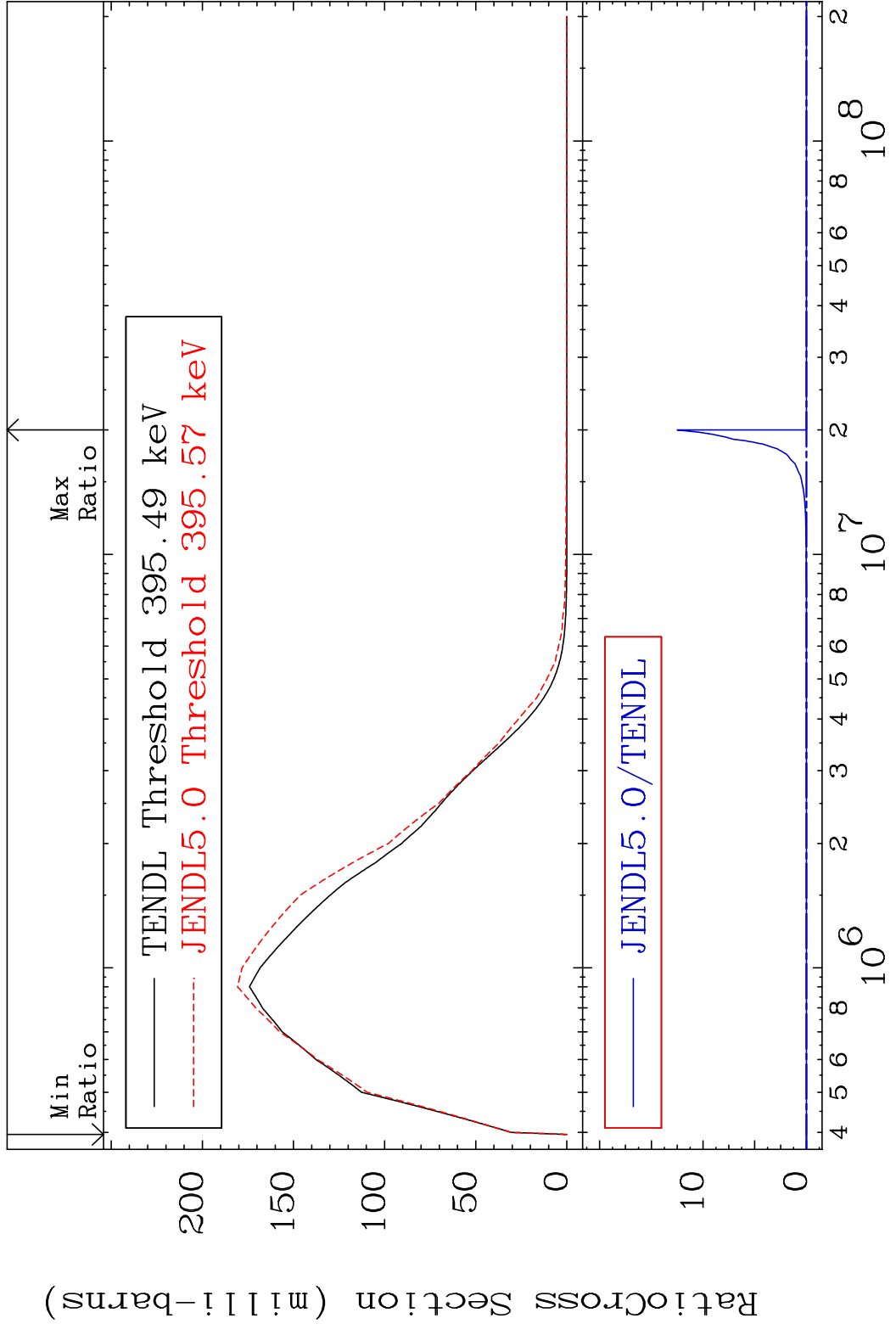


9

Incident Energy (eV)

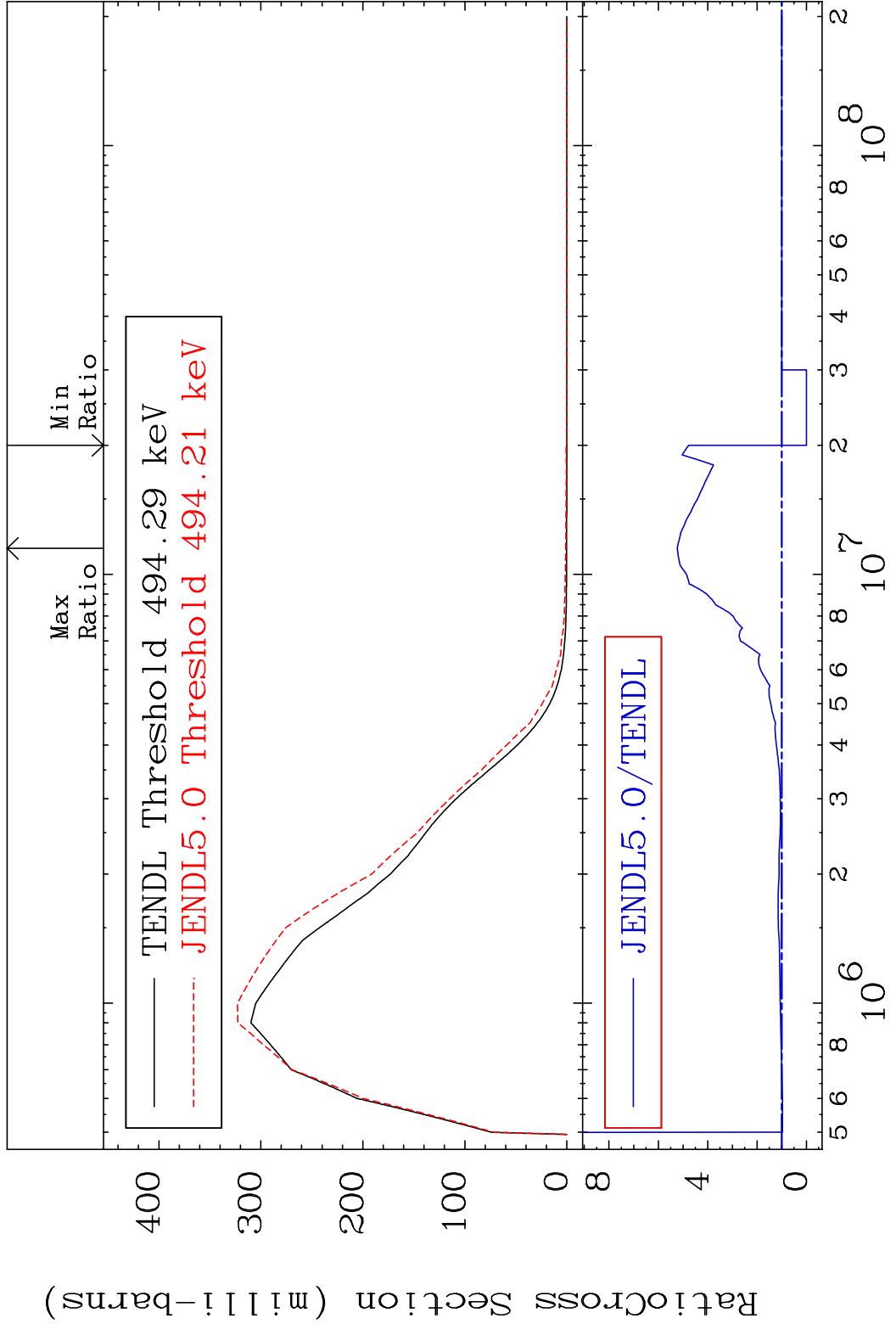
31-Ga-71

MAT 3131 MT= 51 (n, n') Level 31-Ga-71  
Cross Section -100.0 To 9999. %

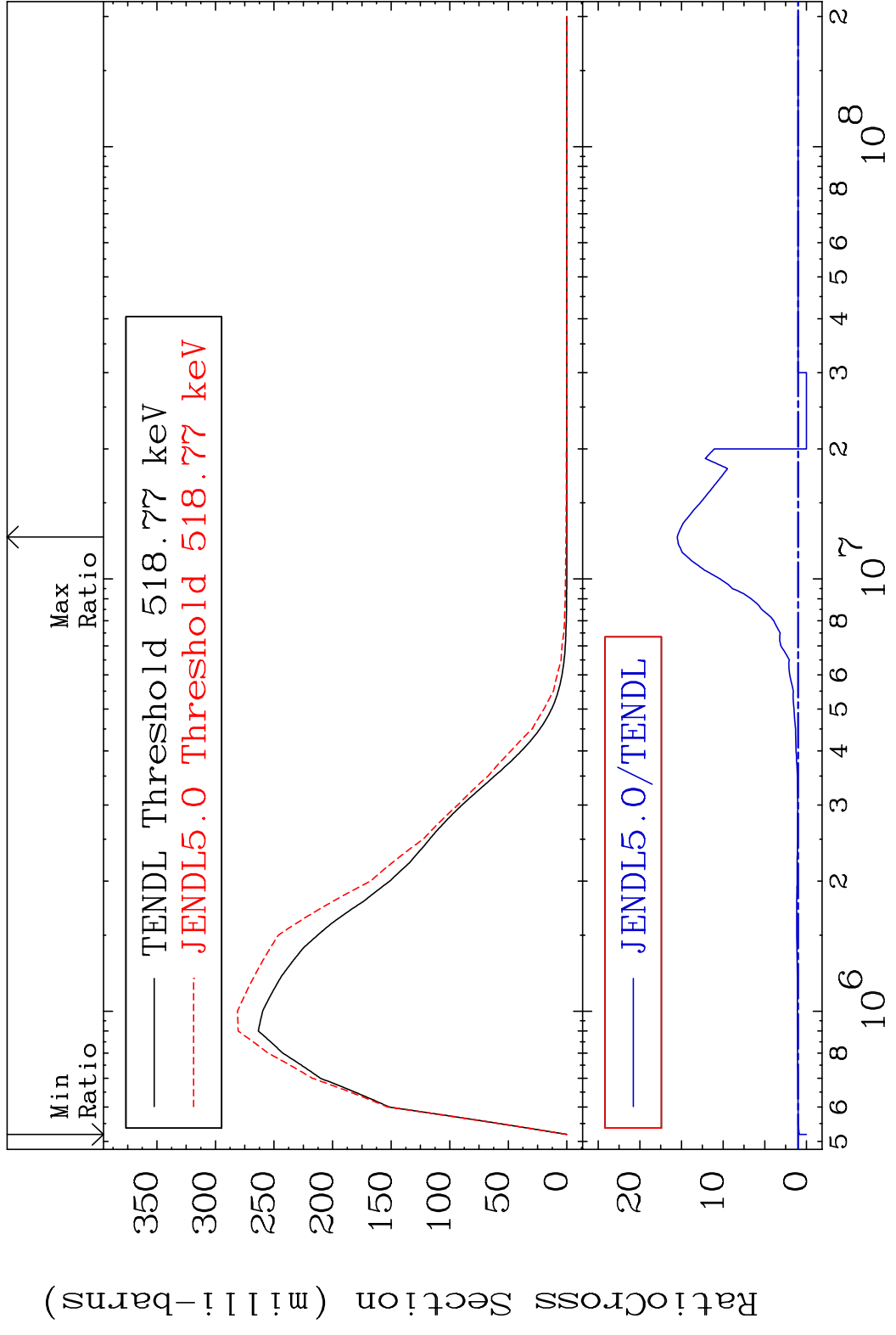


10 Incident Energy (eV) 31-Ga-71

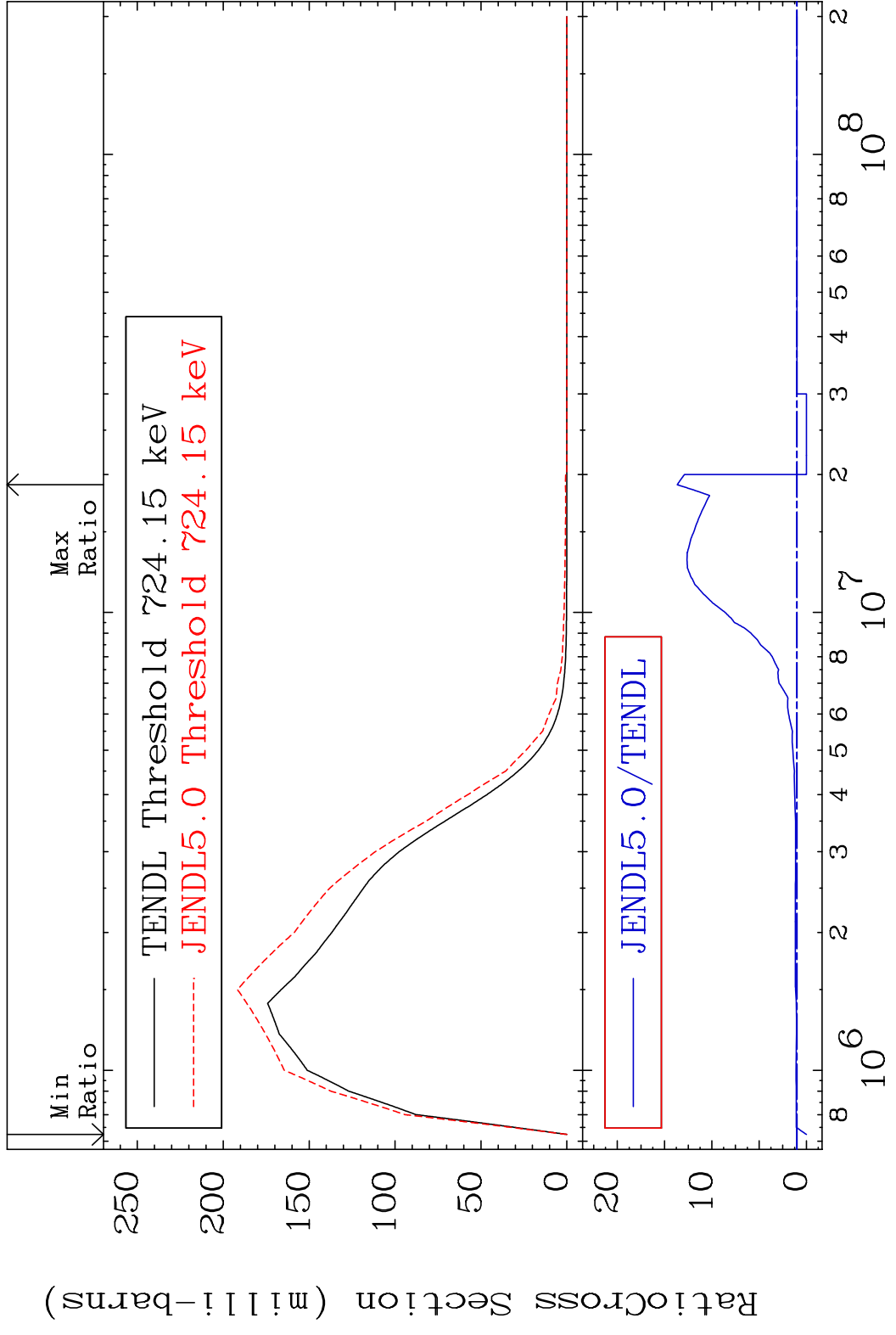
MAT 3131 MT= 52 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 423.6 %



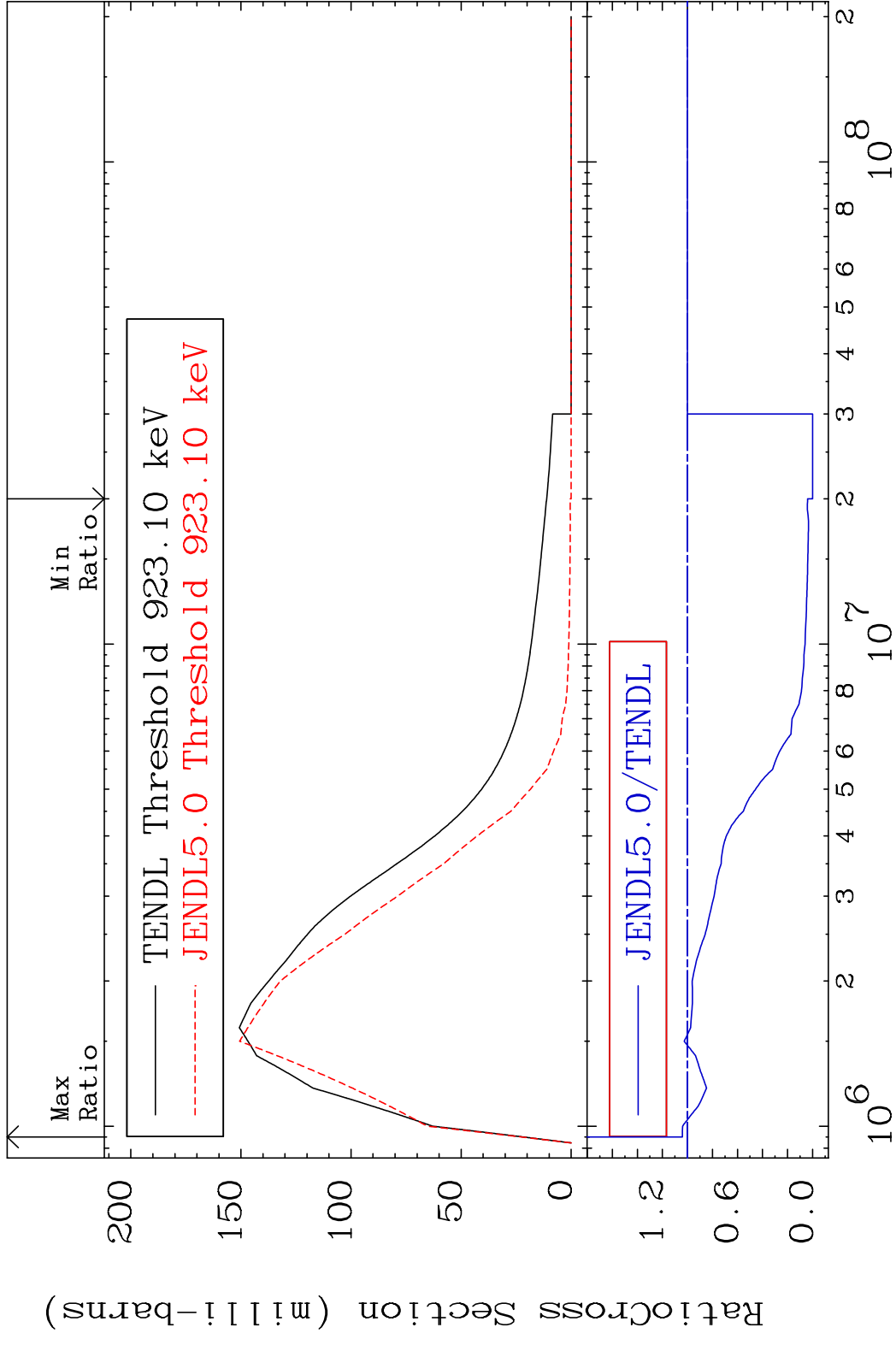
MAT 3131 MT= 53 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 1452. %



MAT 3131 MT= 54 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 1267. %

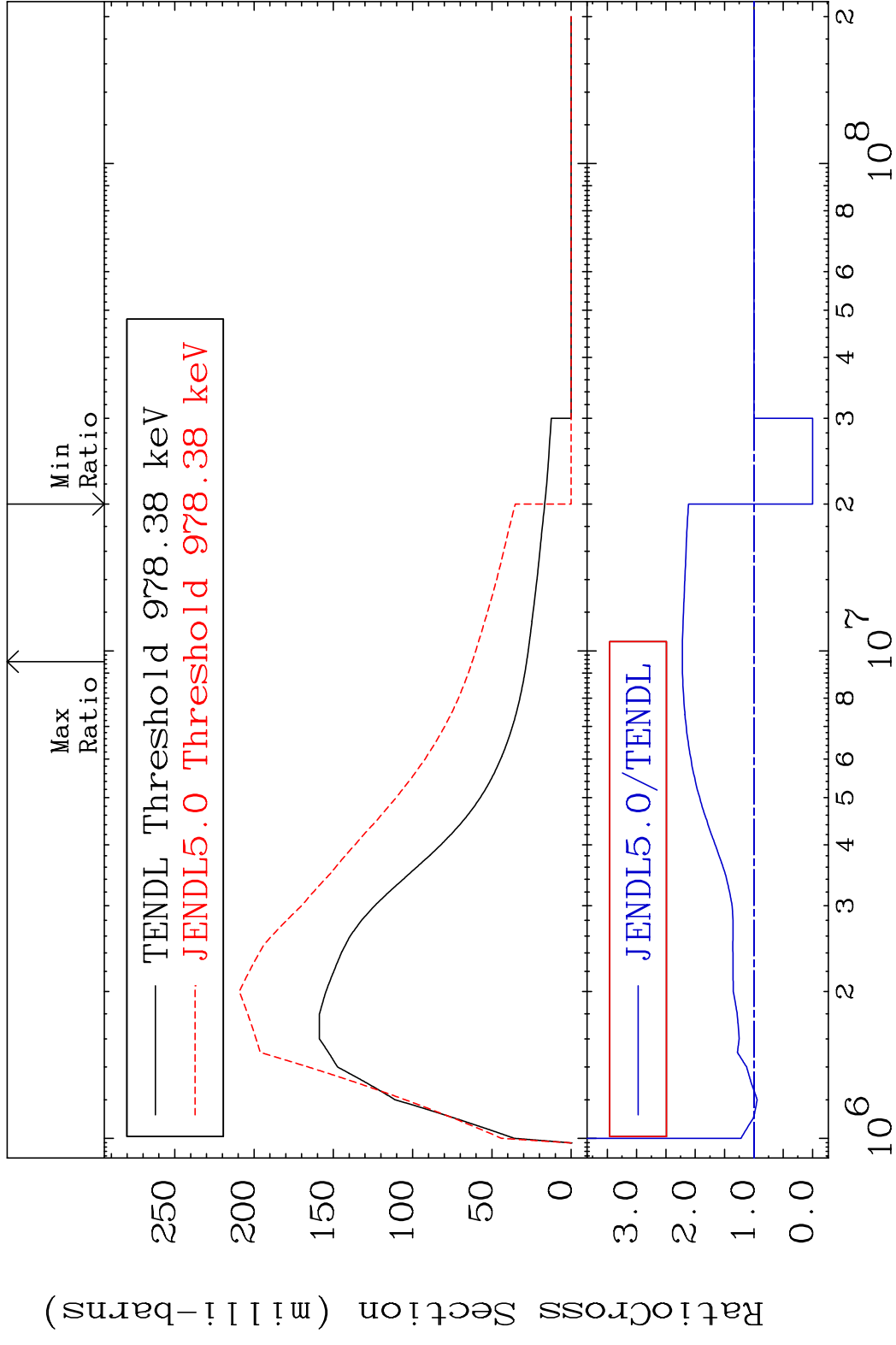


MAT 3131 MT= 55 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 4.046 %



14 31-Ga-71

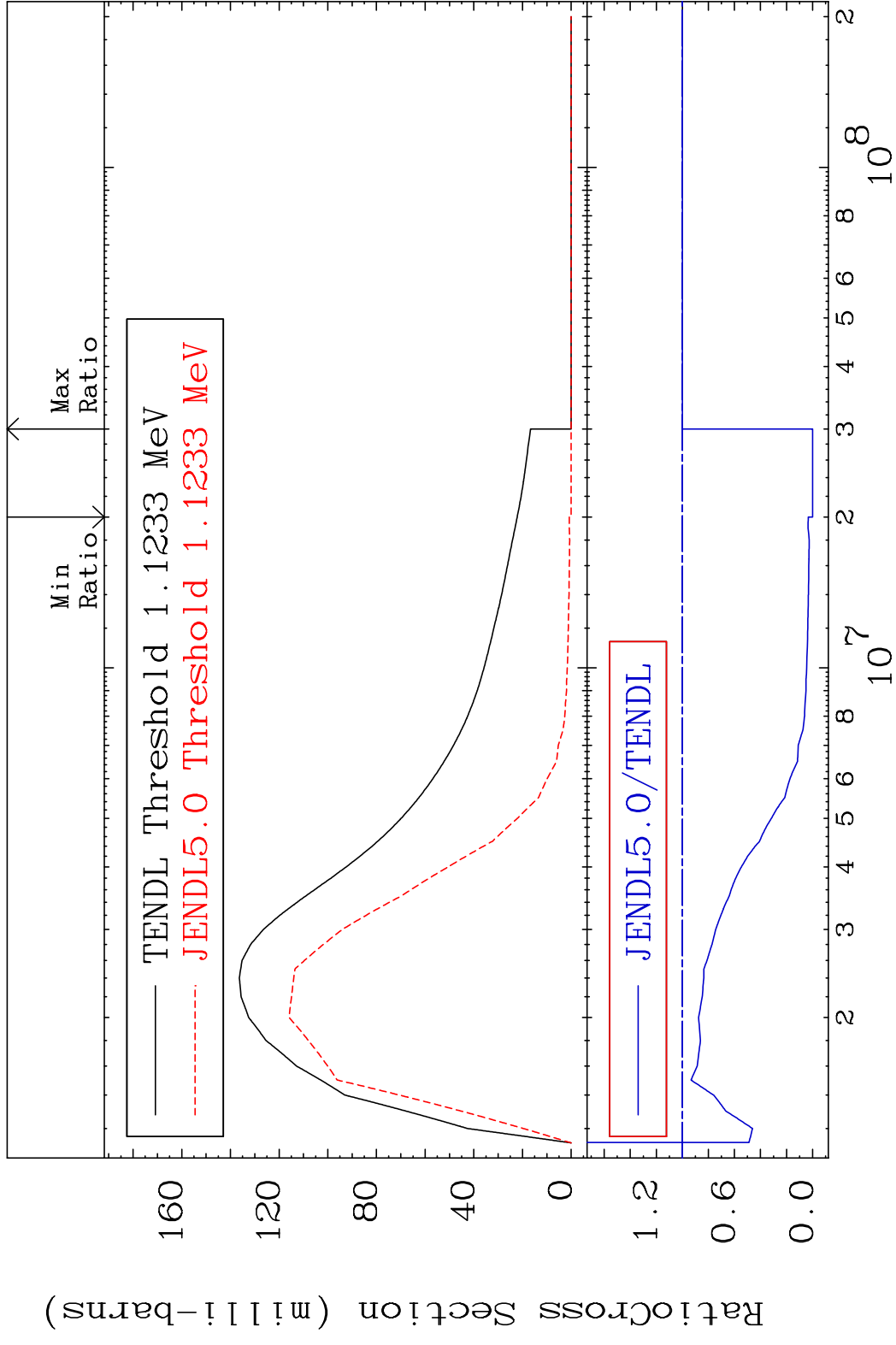
MAT 3131 MT= 56 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 122.0 %



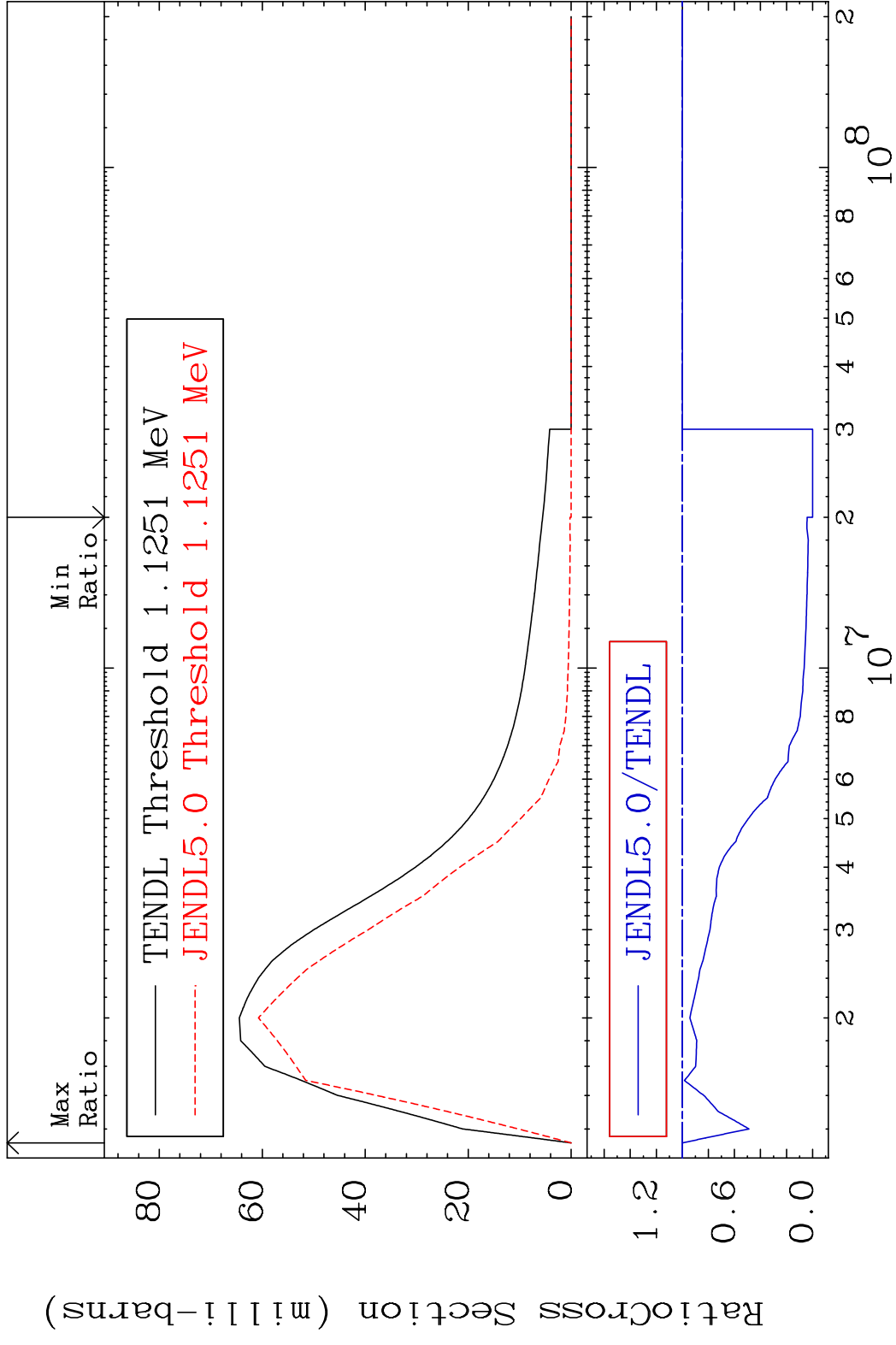
15 31-Ga-71



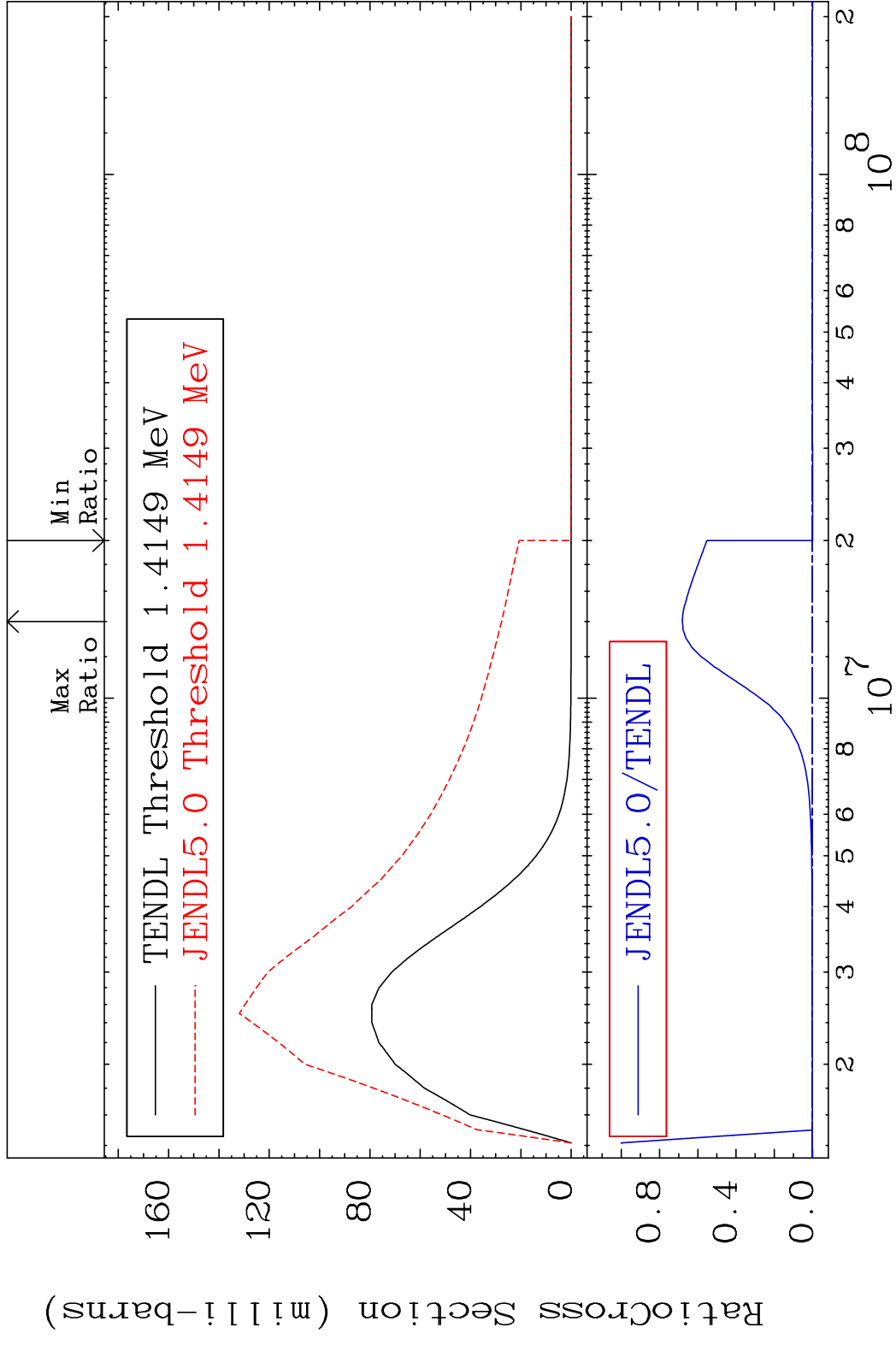
MAT 3131 MT= 57 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 0.000 %



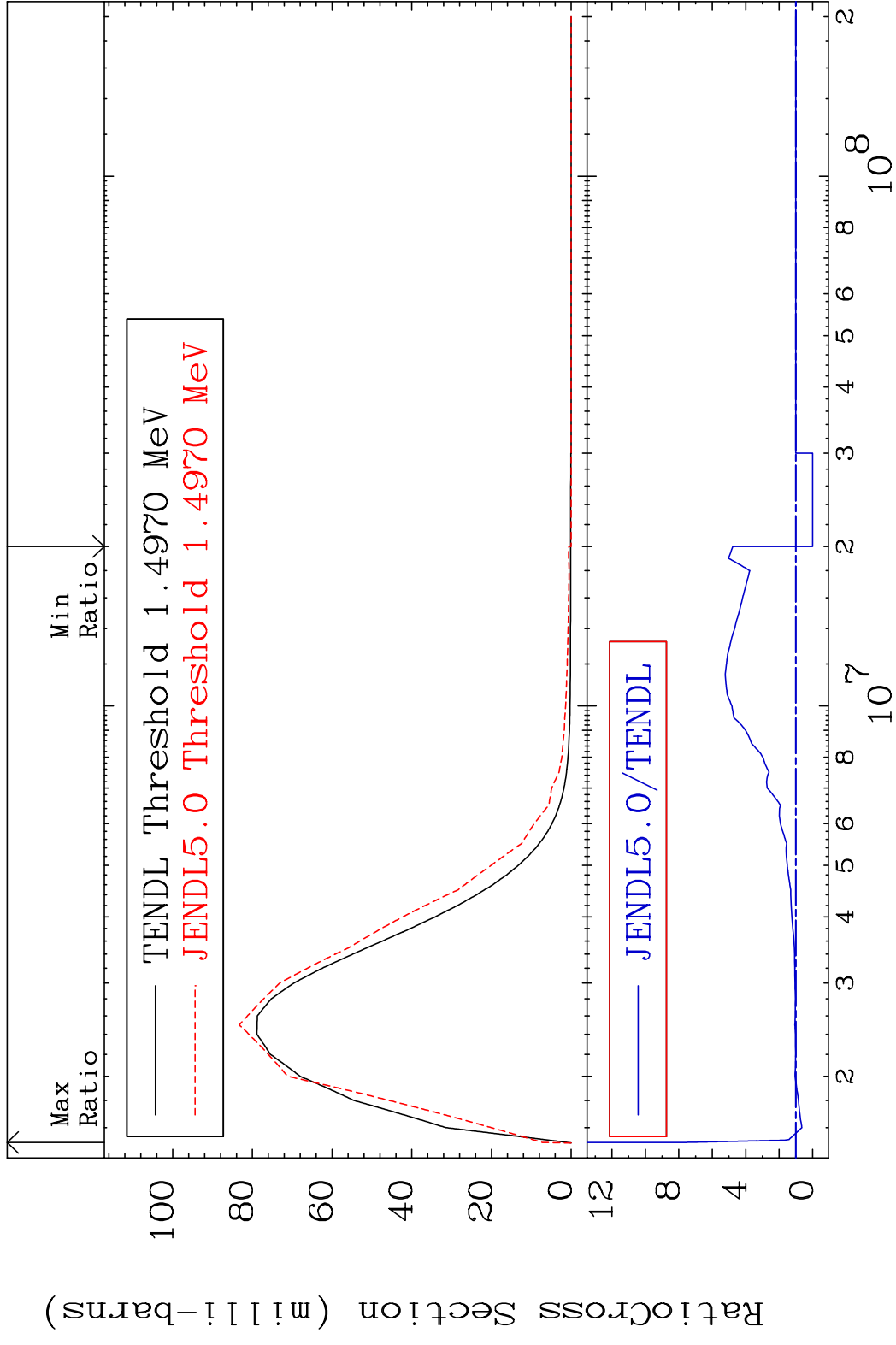
MAT 3131 MT= 58 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 0.000 %



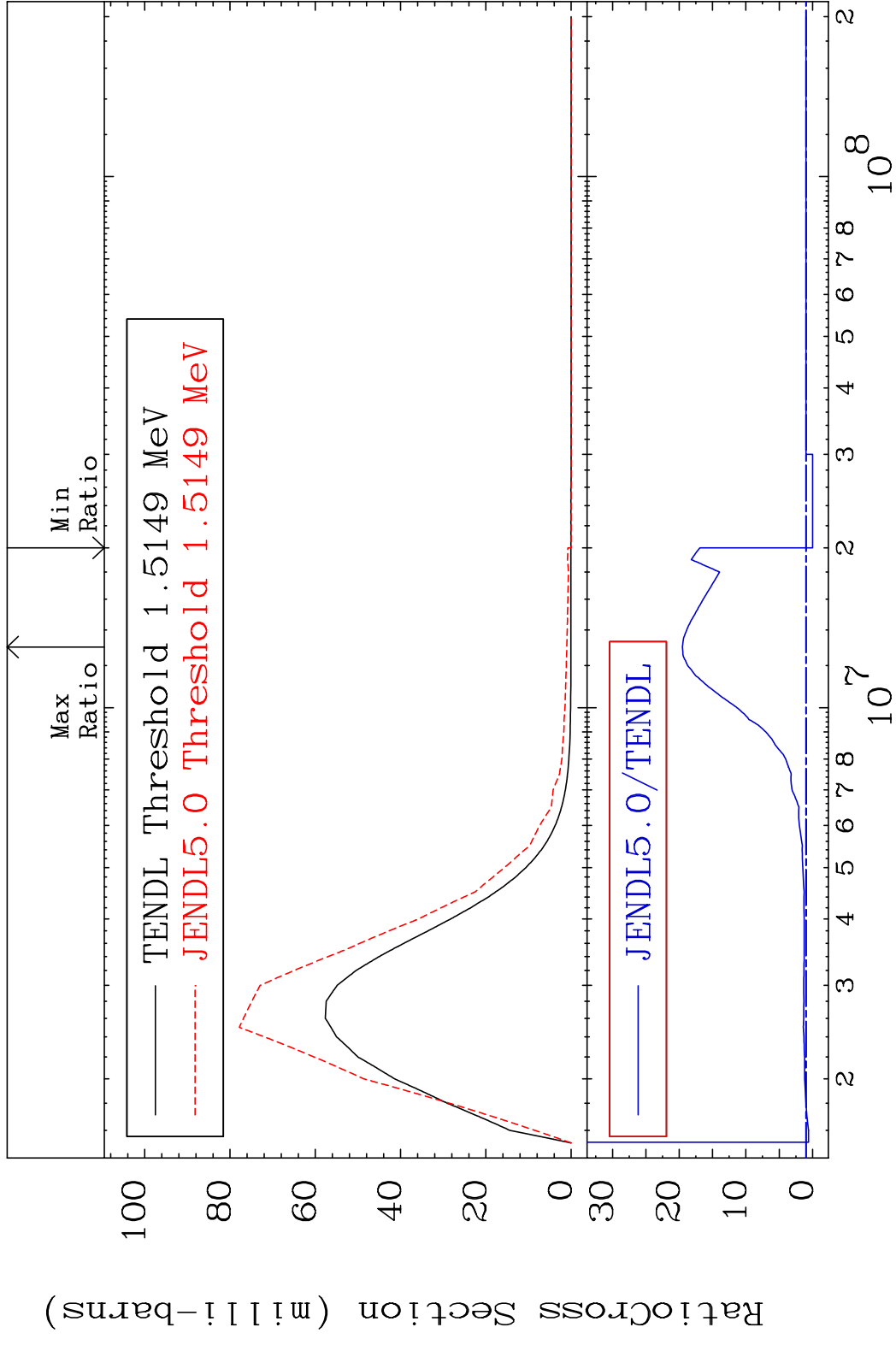
MAT 3131 MT= 59 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 9999. %



MAT 3131 MT= 60 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 678.8 %

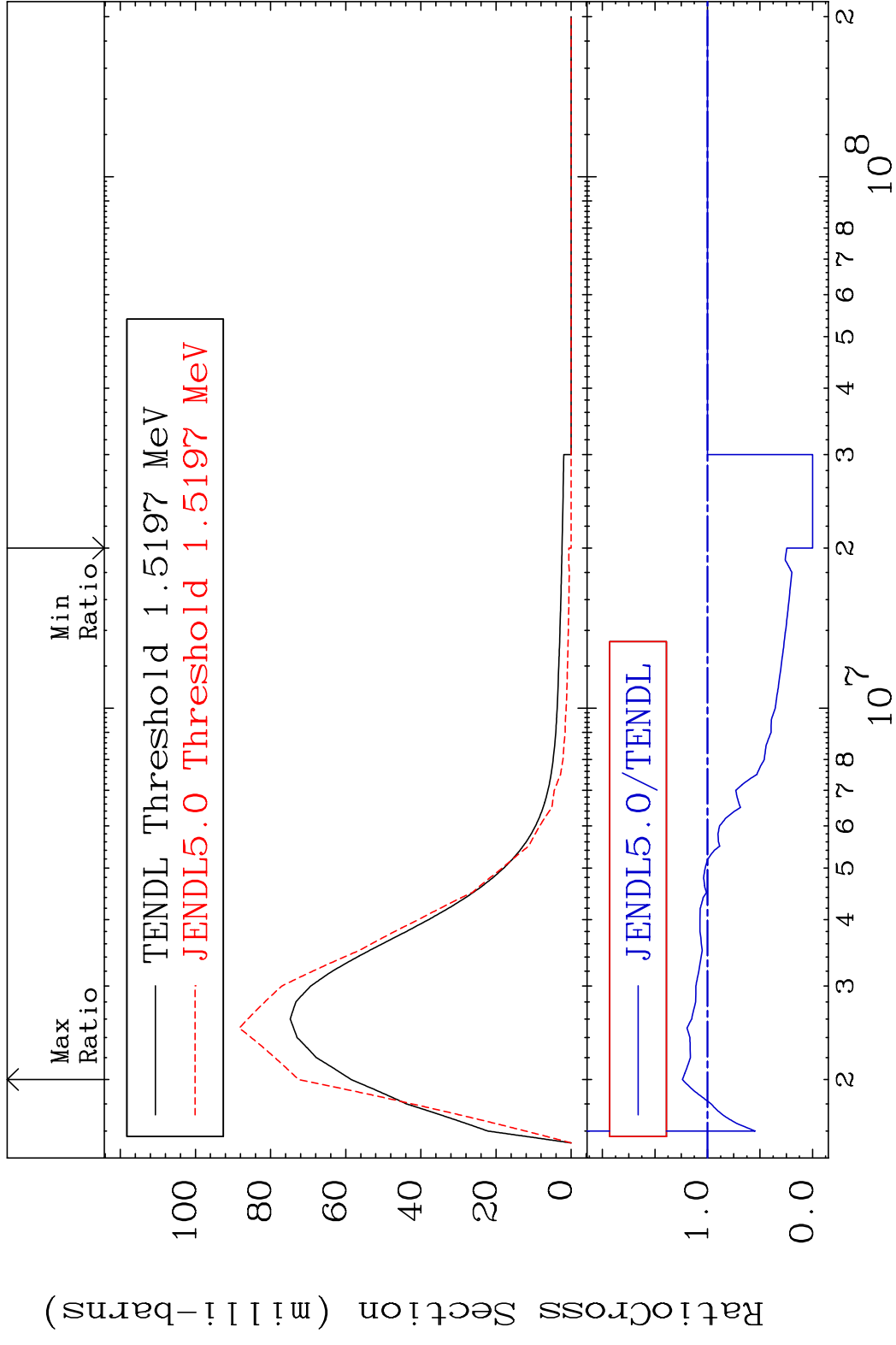


MAT 3131 MT= 61 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 1853. %

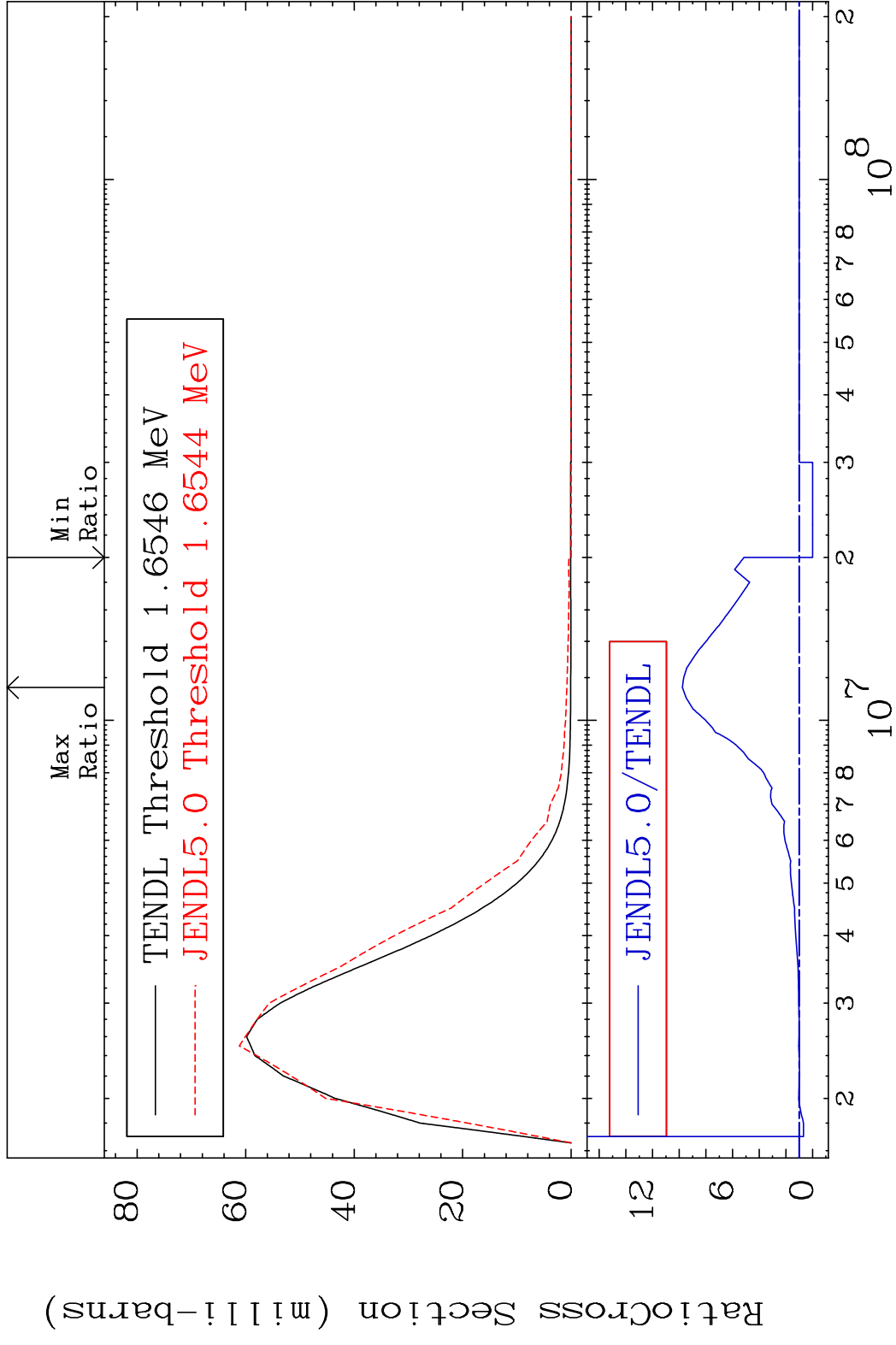


20 Incident Energy (eV) 31-Ga-71

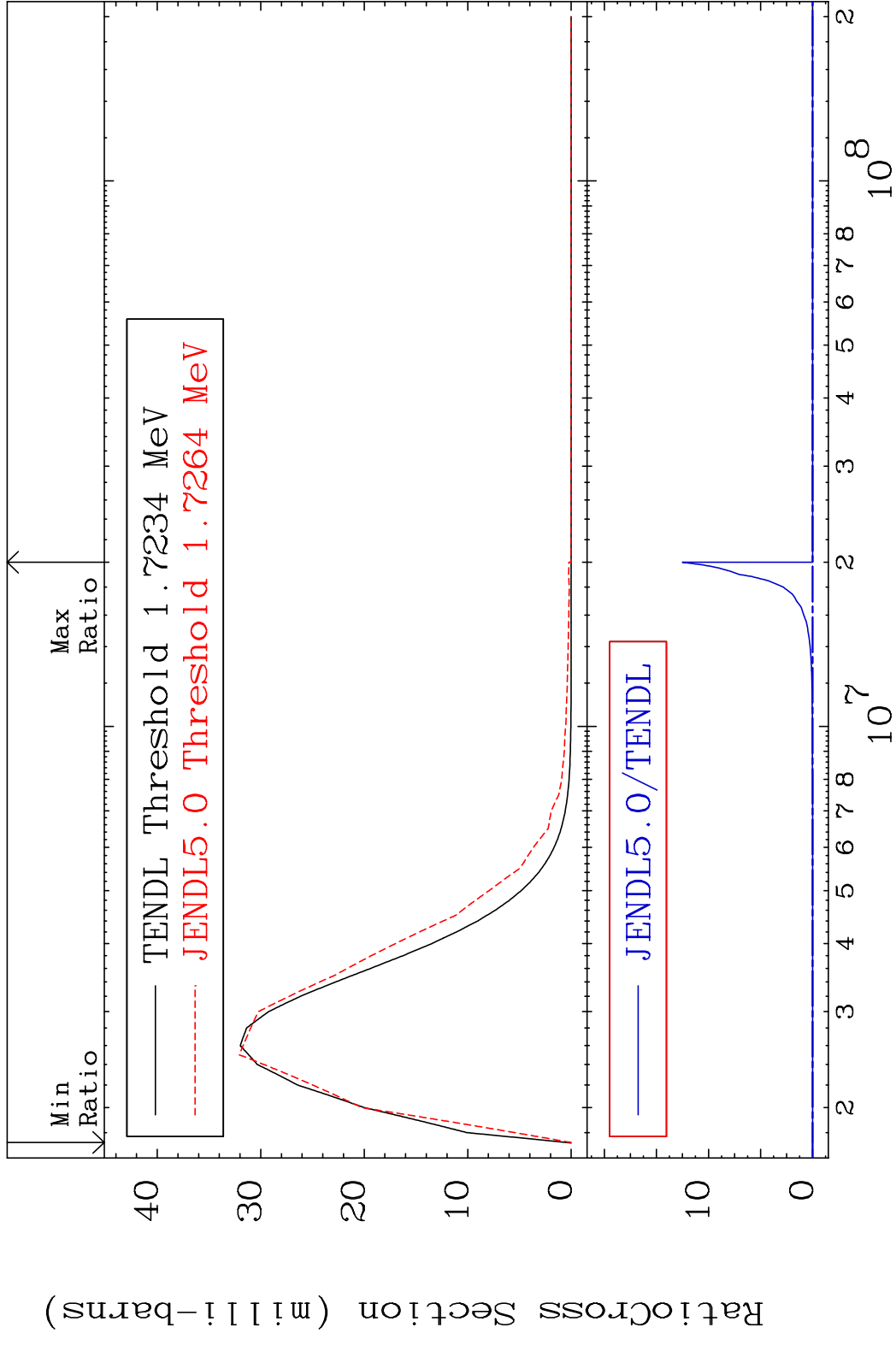
MAT 3131 MT= 62 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 23.93 %



MAT 3131 MT= 63 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 876.7 %

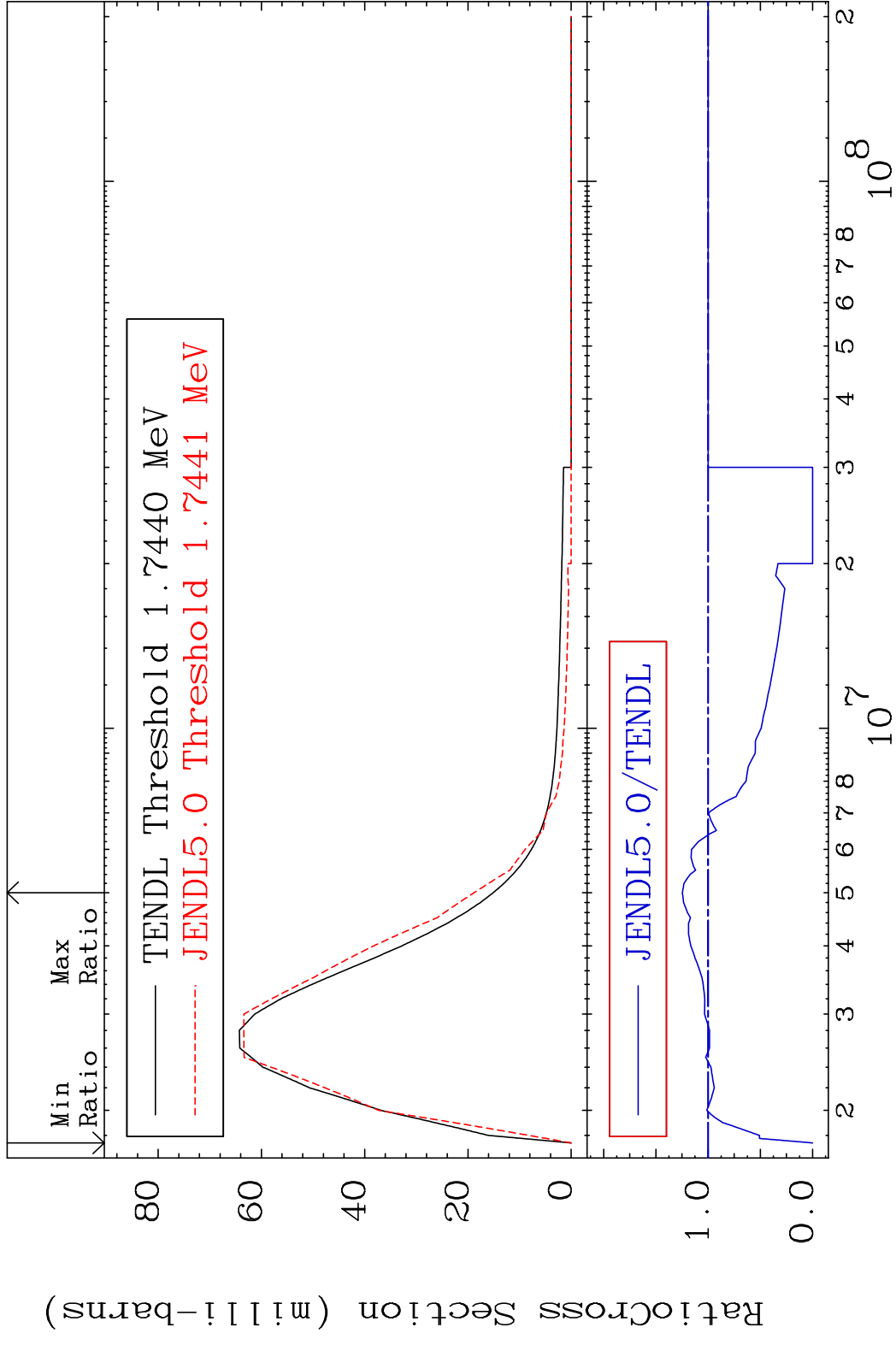


MAT 3131 MT= 64 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 9999. %

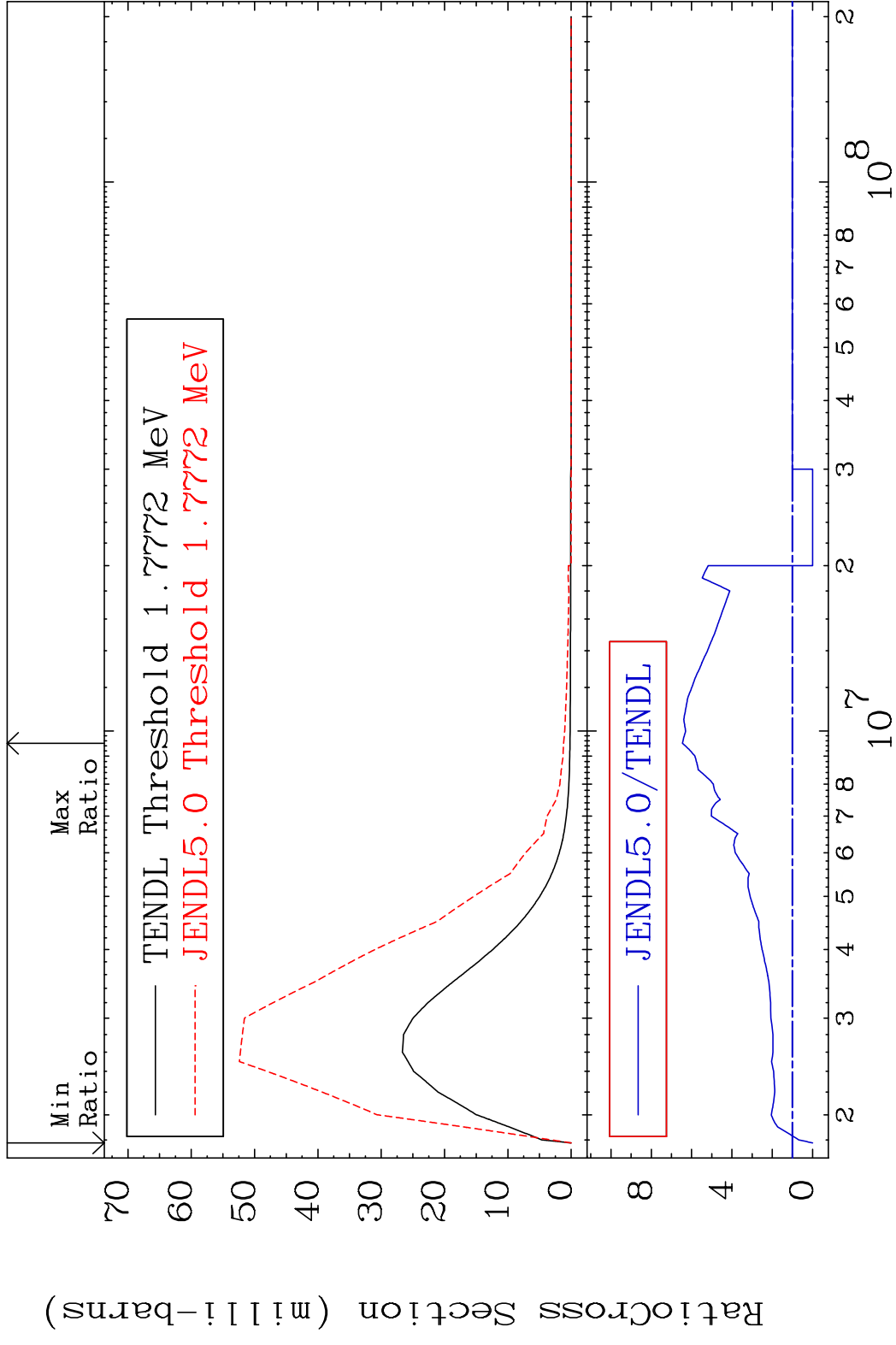




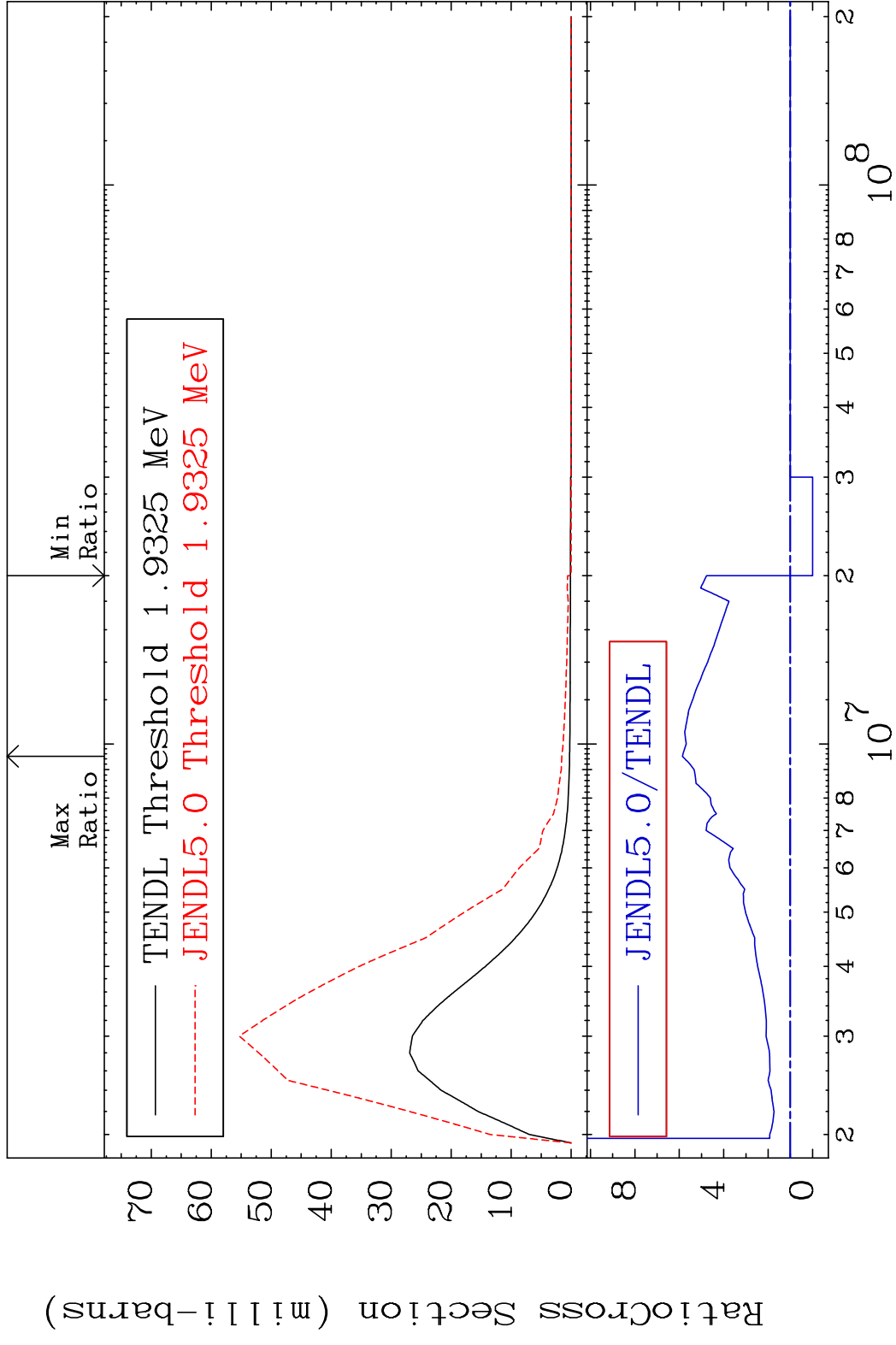
MAT 3131 MT= 65 (n,n') Level 31-Ga-71  
 Cross Section -100.0 To 24.65 %



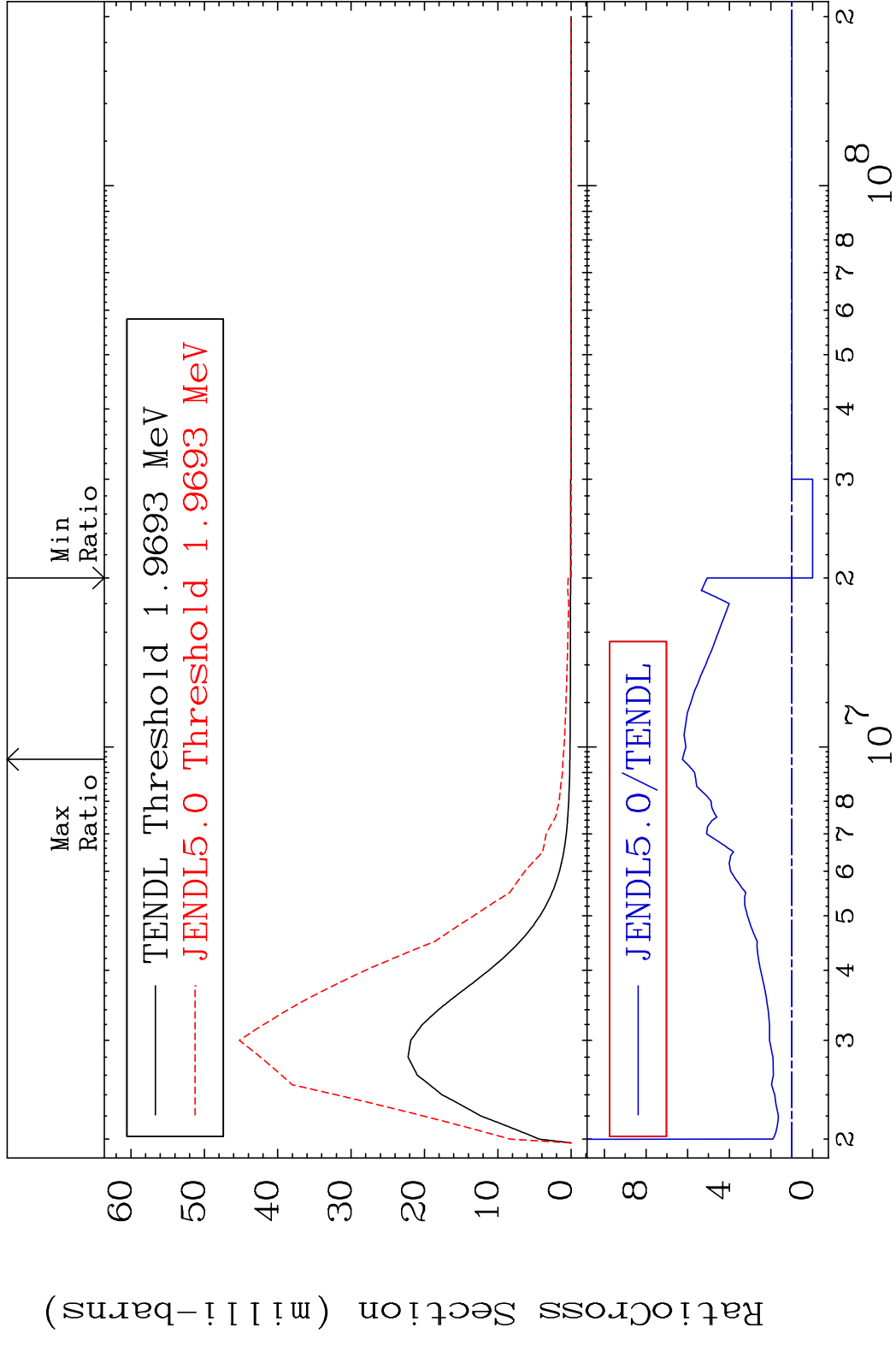
MAT 3131      MT= 66 (n,n') Level      31-Ga-71  
 Cross Section    -100.0 To 545.8 %



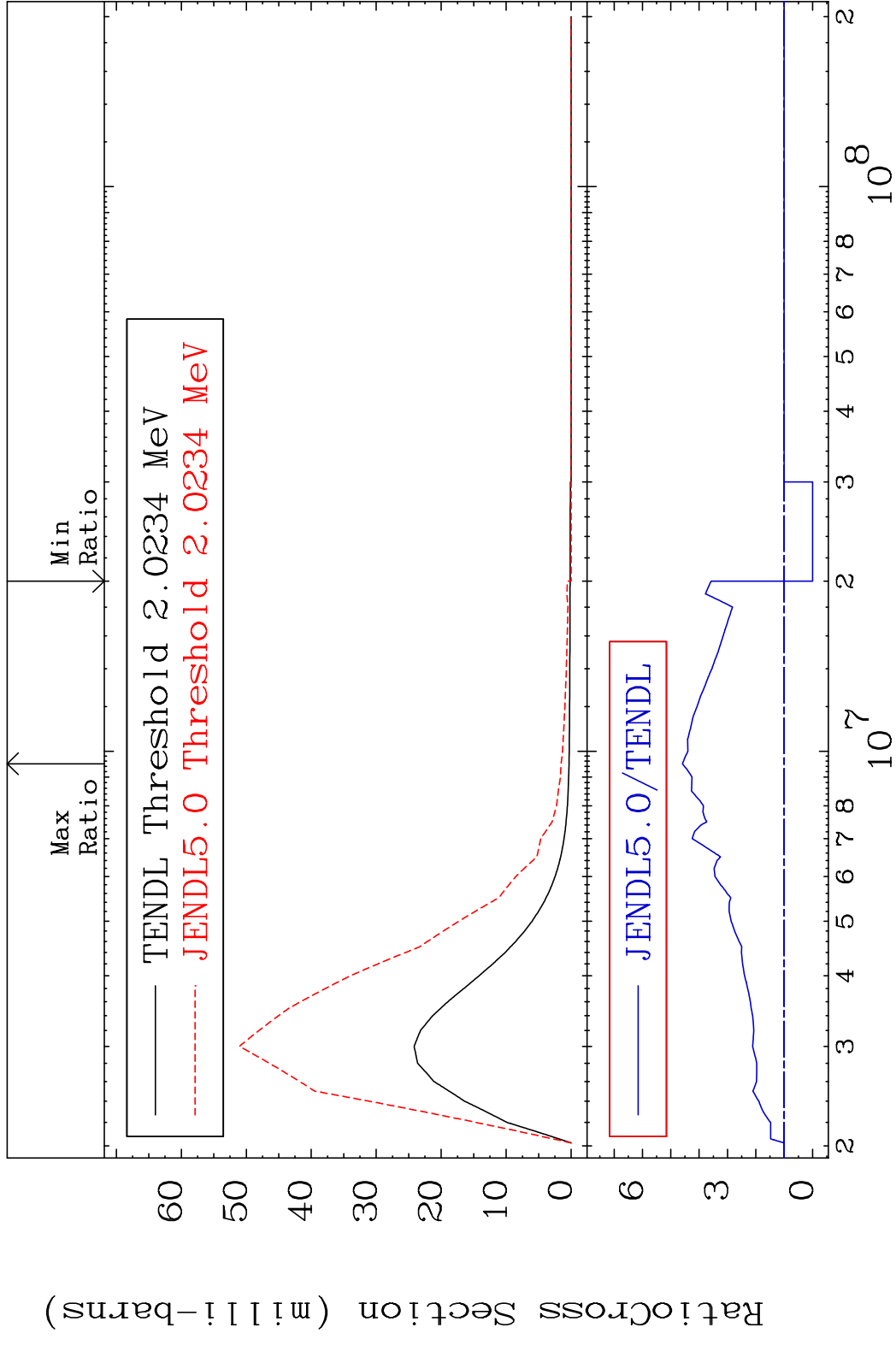
MAT 3131 MT= 67 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 486.2 %



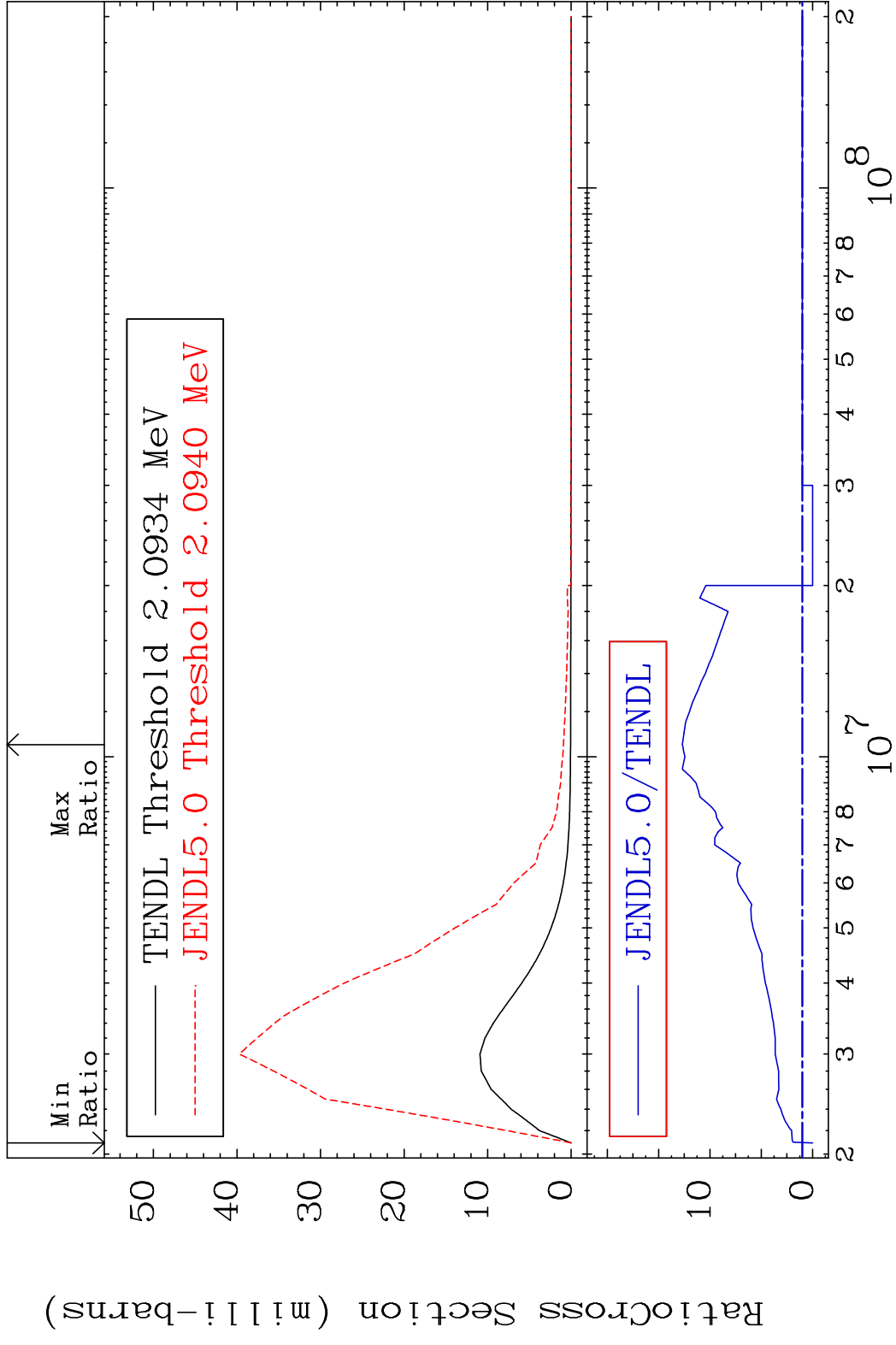
MAT 3131 MT= 68 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 525.5 %



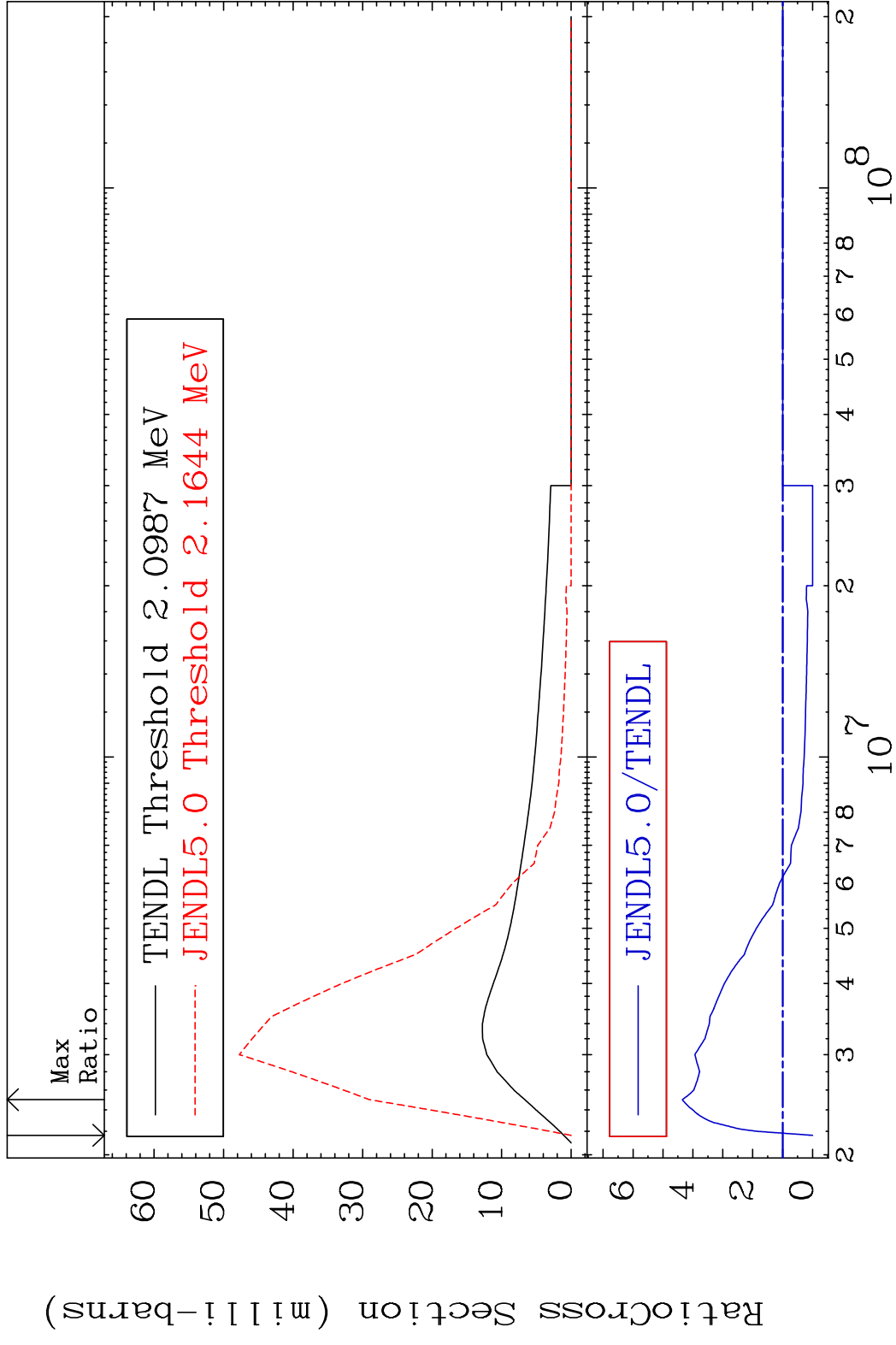
MAT 3131 MT= 69 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 359.2 %



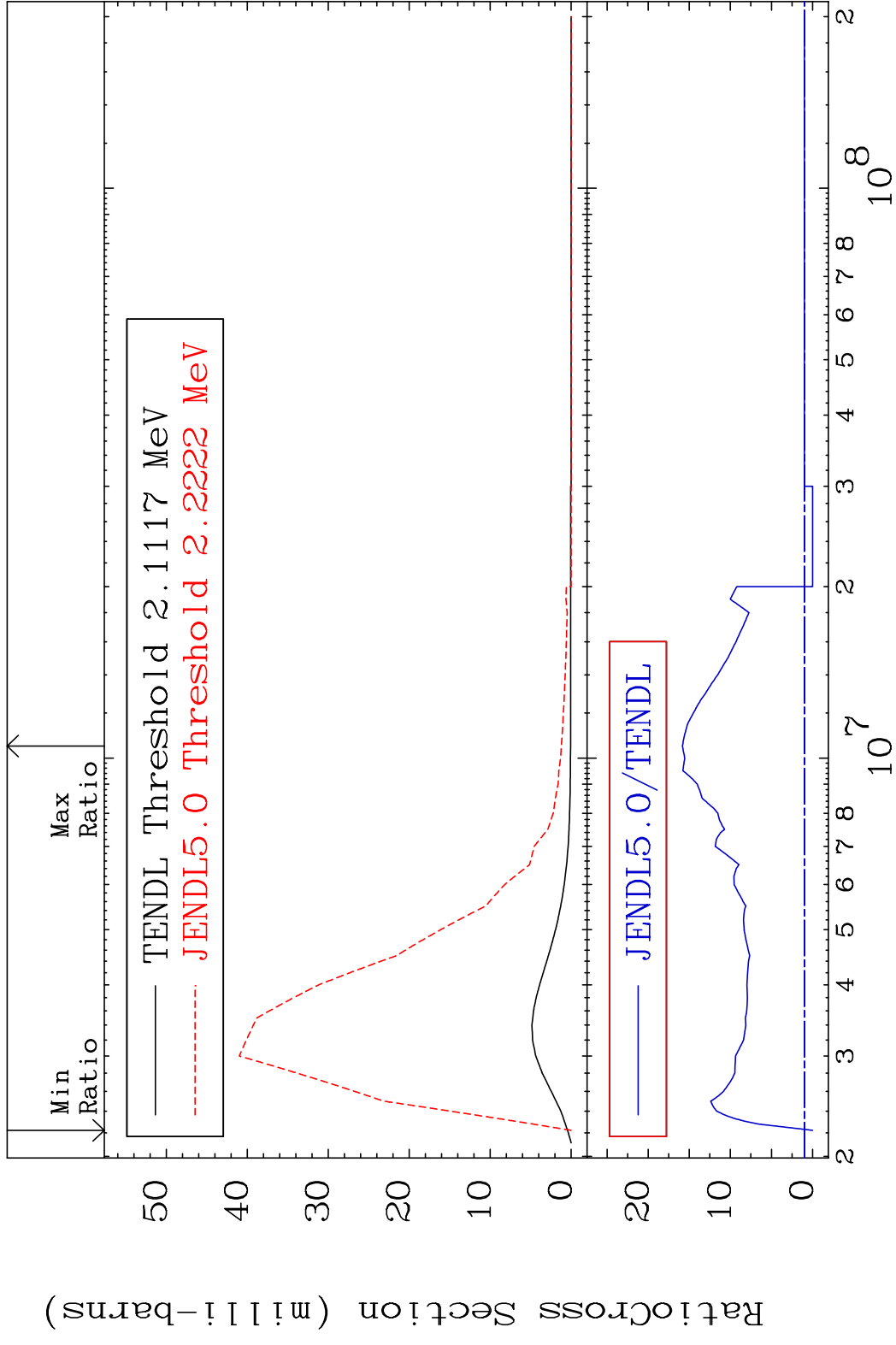
MAT 3131 MT= 70 (n,n') Level 31-Ga-71  
 Cross Section -100.0 To 1169. %



MAT 3131 MT= 71 (n,n') Level 31-Ga-71  
 Cross Section -100.0 To 335.1 %

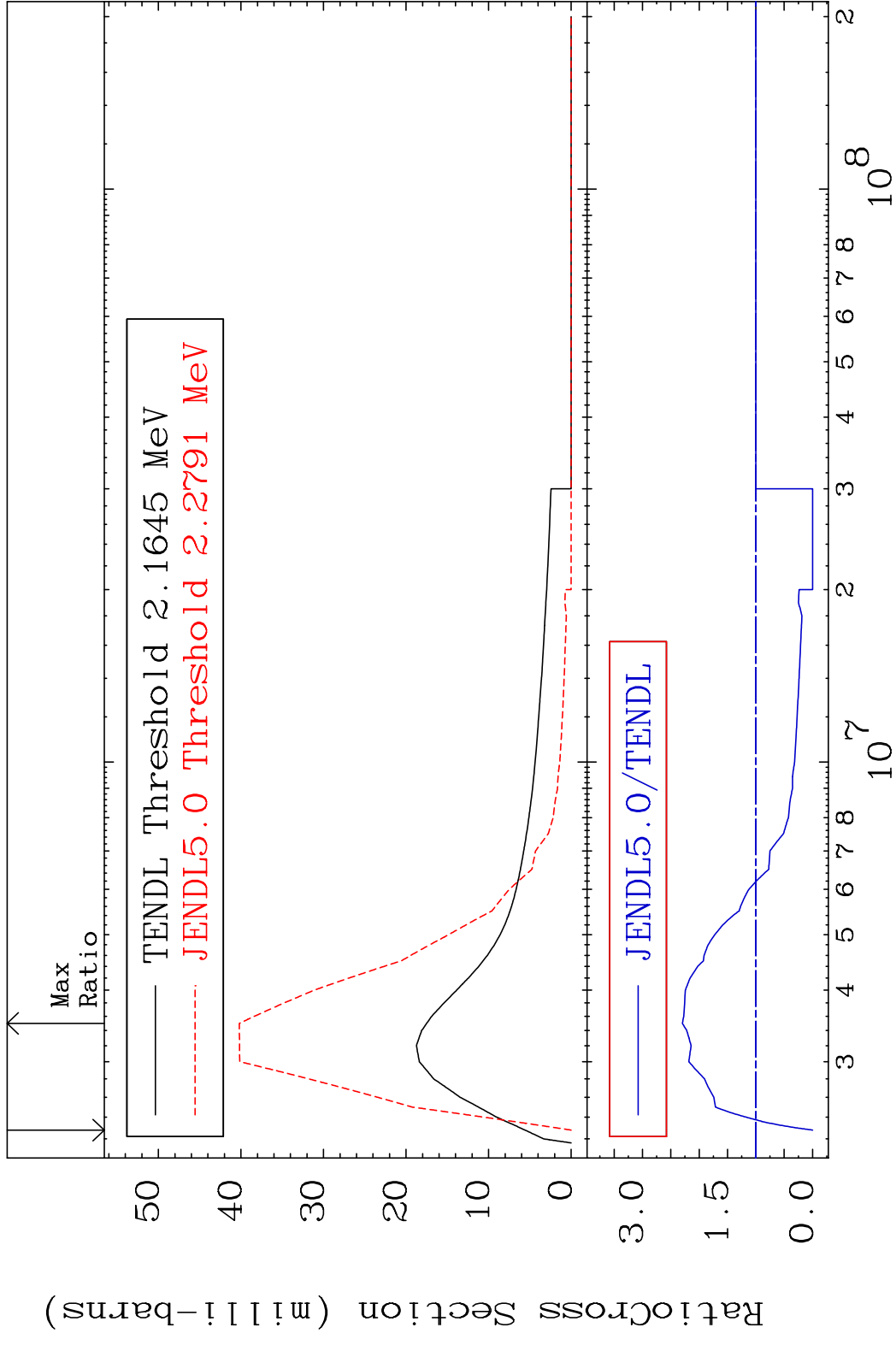


MAT 3131 MT= 72 (n,n') Level 31-Ga-71  
 Cross Section -100.0 To 1484. %

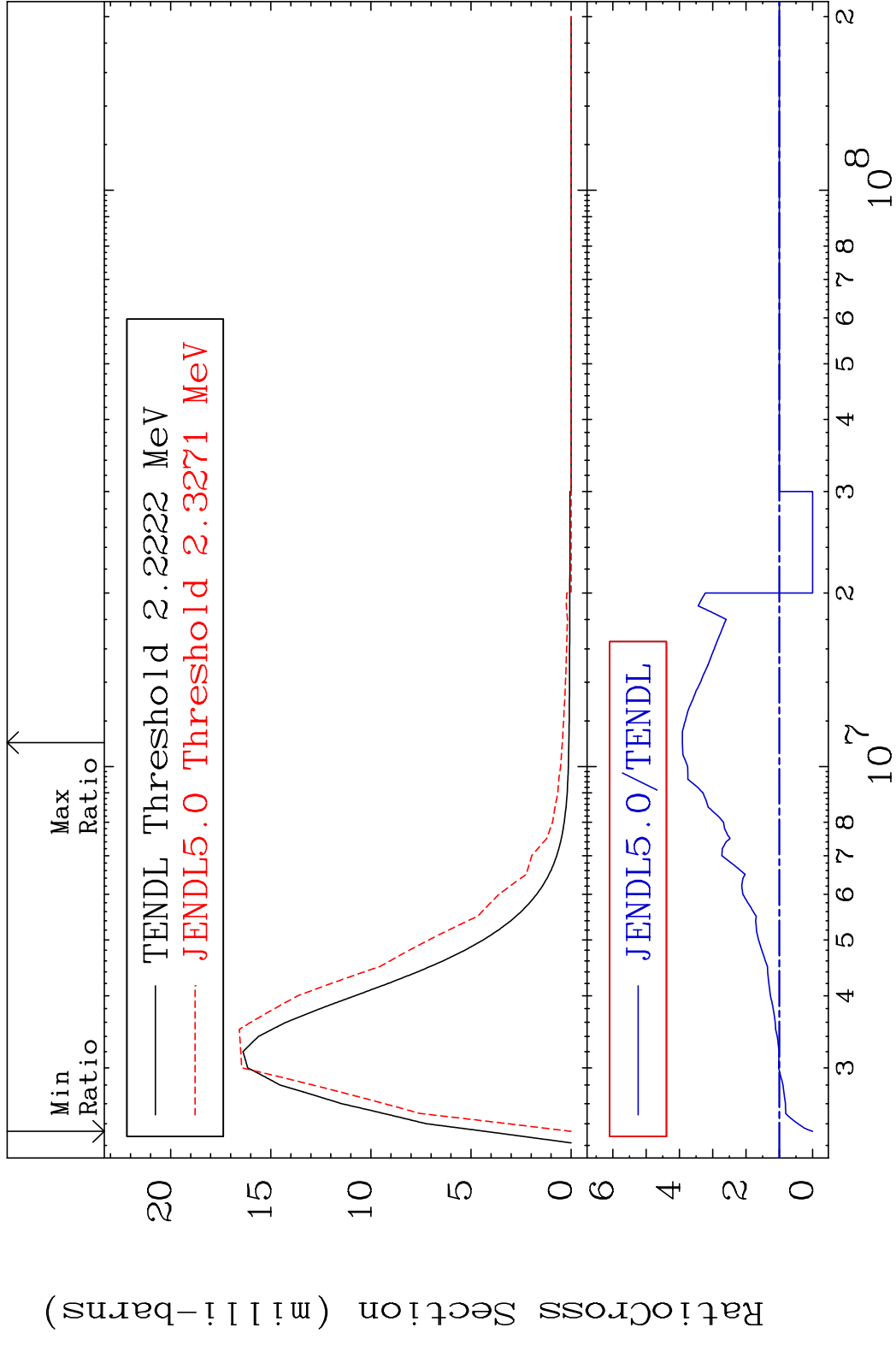




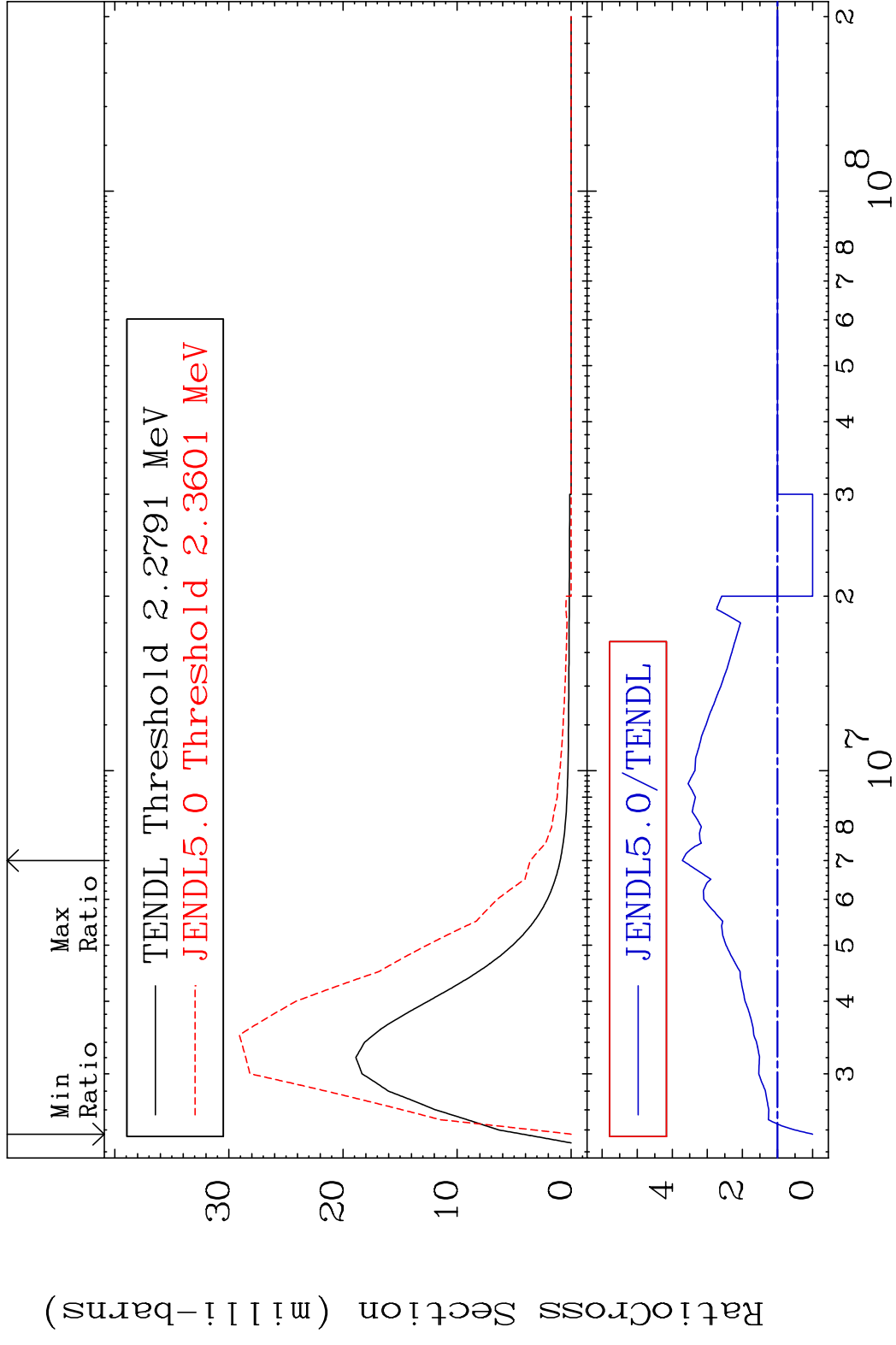
MAT 3131 MT= 73 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 129.6 %



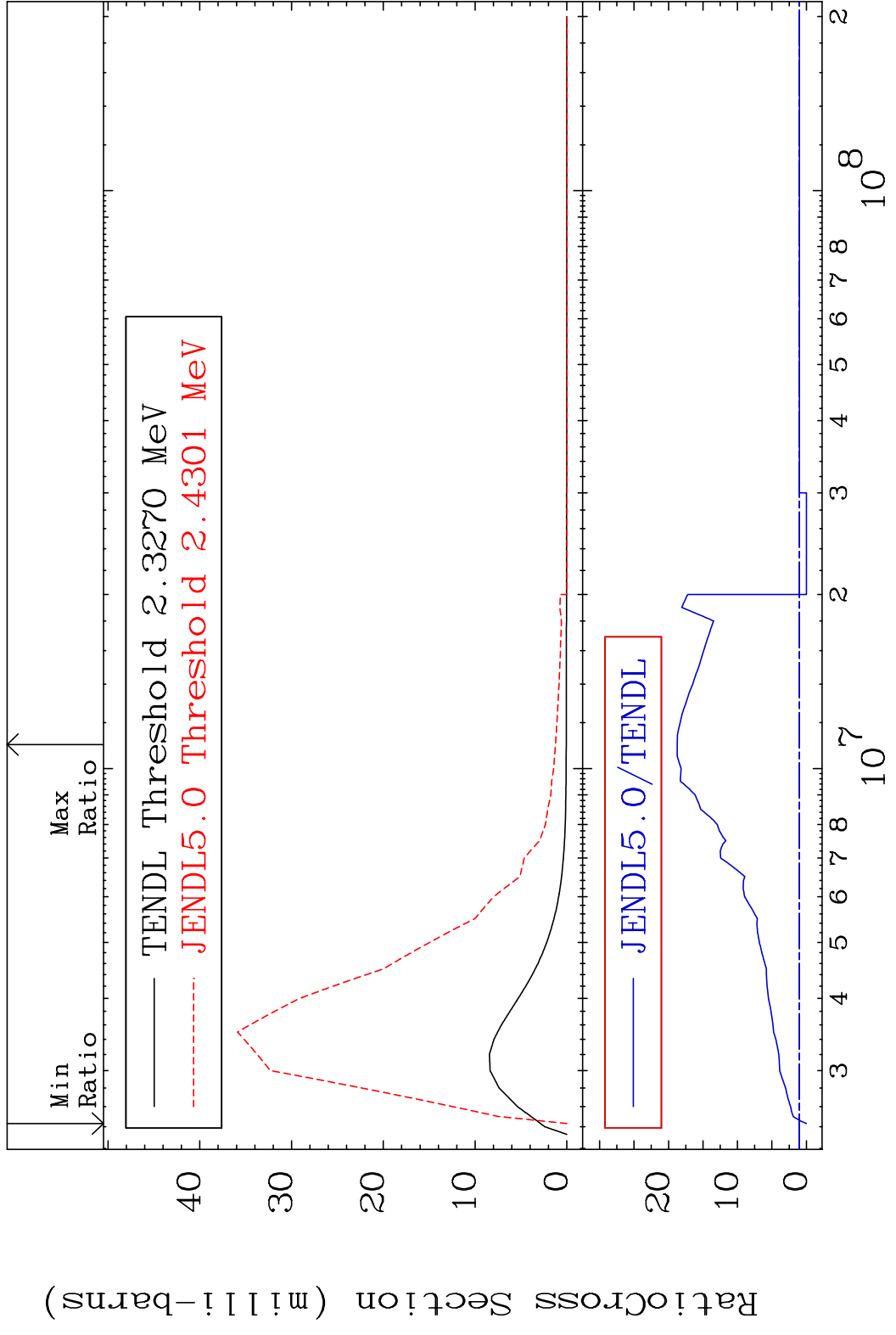
MAT 3131 MT= 74 (n,n') Level 31-Ga-71  
 Cross Section -100.0 To 291.0 %



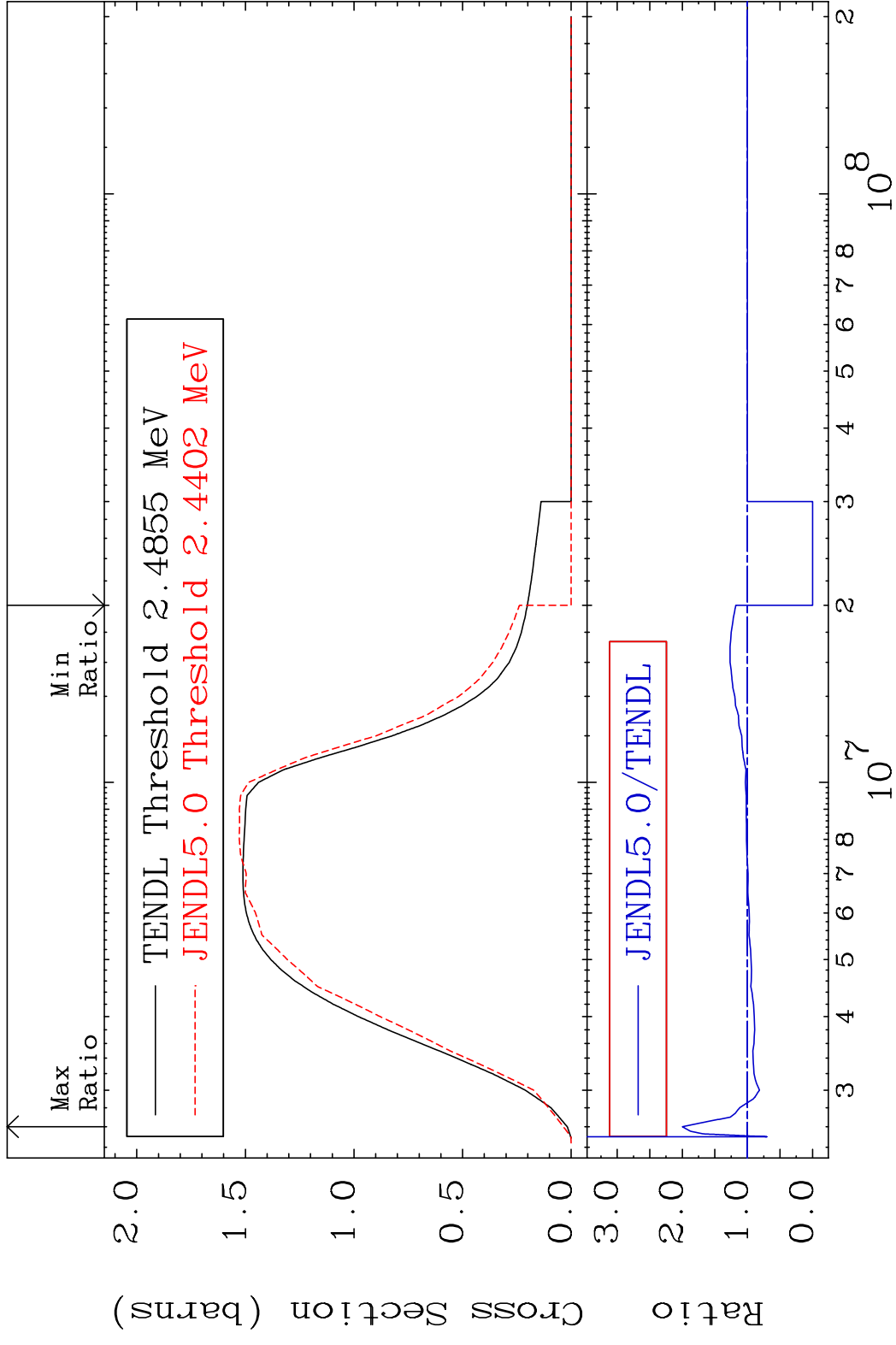
MAT 3131 MT= 75 (n,n') Level 31-Ga-71  
 Cross Section -100.0 To 271.2 %



MAT 3131 MT= 76 (n, n') Level 31-Ga-71  
 Cross Section -100.0 To 1774. %



MAT 3131 (n,n') Continuum 31-Ga-71  
 Cross Section -100.0 To 99.94 %

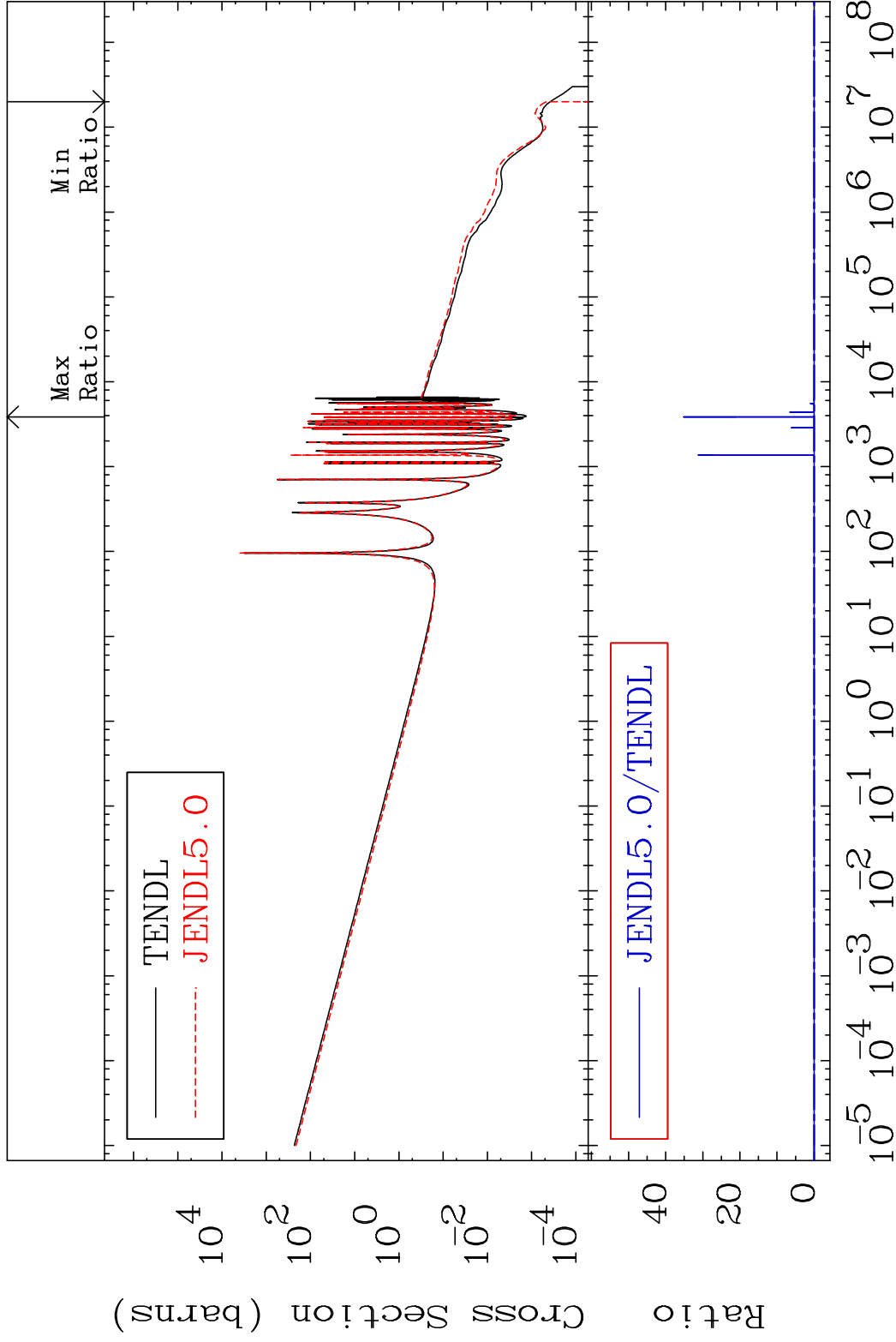


MAT 3131

(n,  $\gamma$ )

31-Ga-71

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

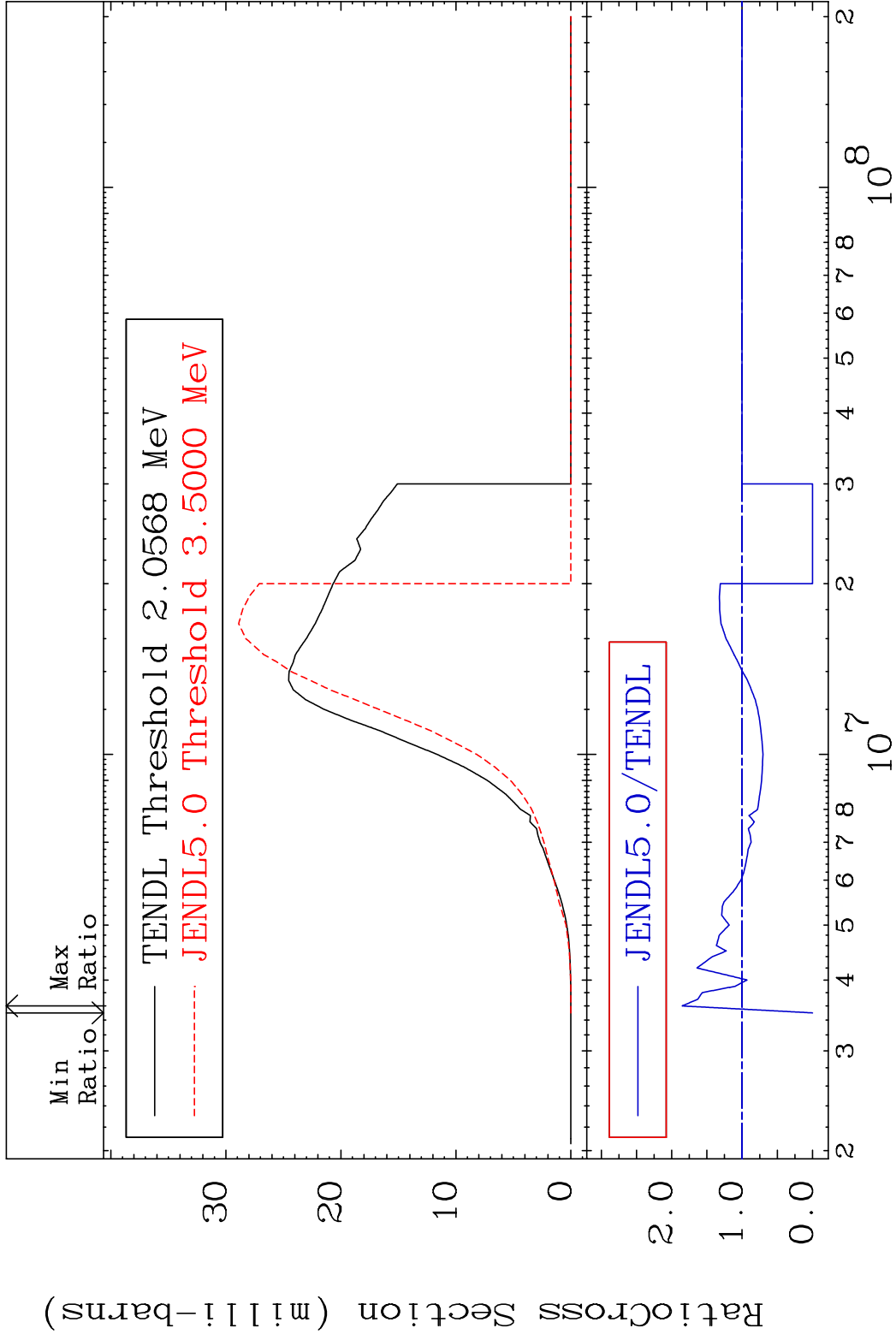
31-Ga-71

MAT 3131

(n,p)

31-Ga-71

Cross Section -100.0 To 85.17 %



38

Incident Energy (eV)

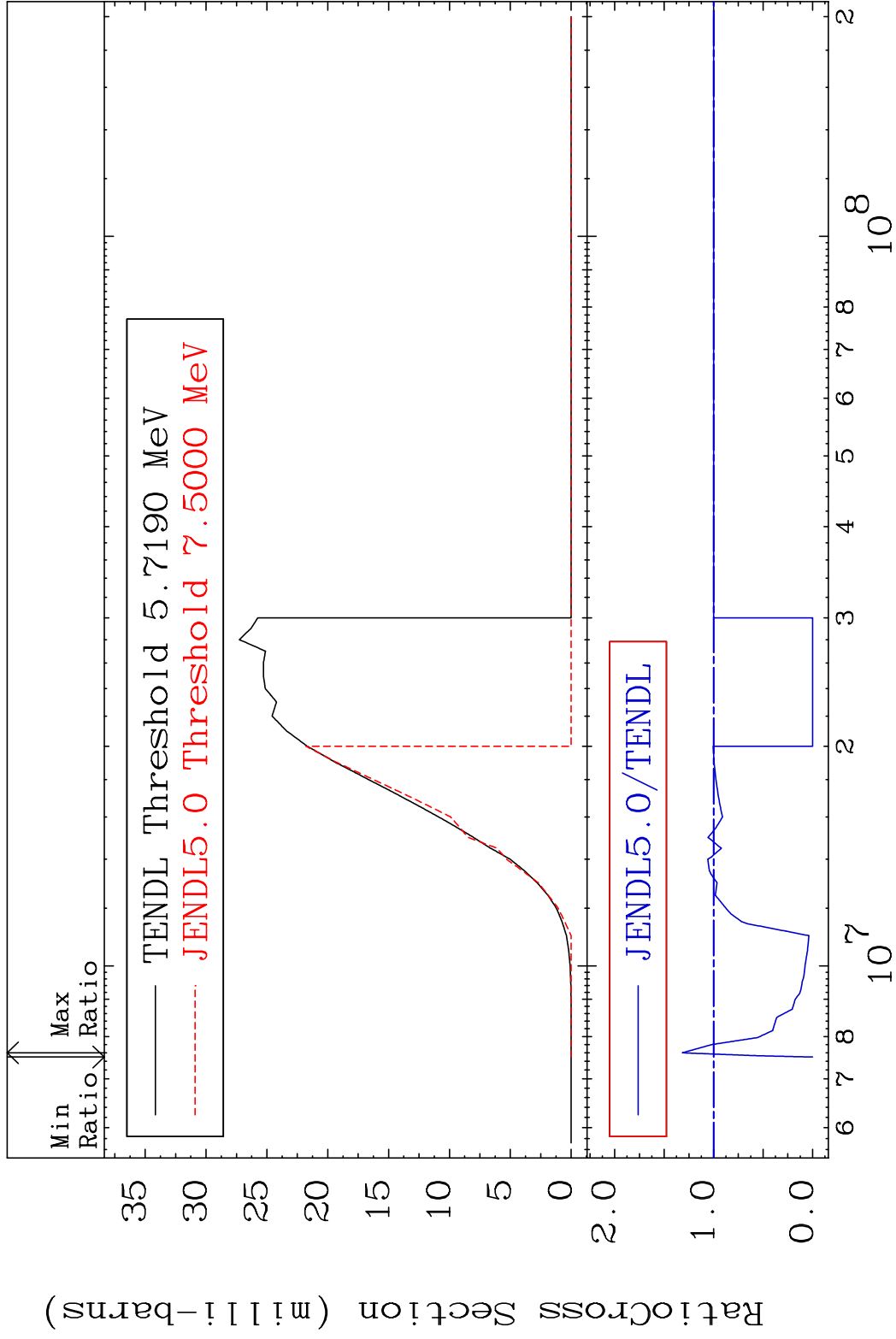
31-Ga-71

MAT 3131

(n, d)

31-Ga-71

Cross Section -100.0 To 31.61 %



39

Incident Energy (eV)

31-Ga-71

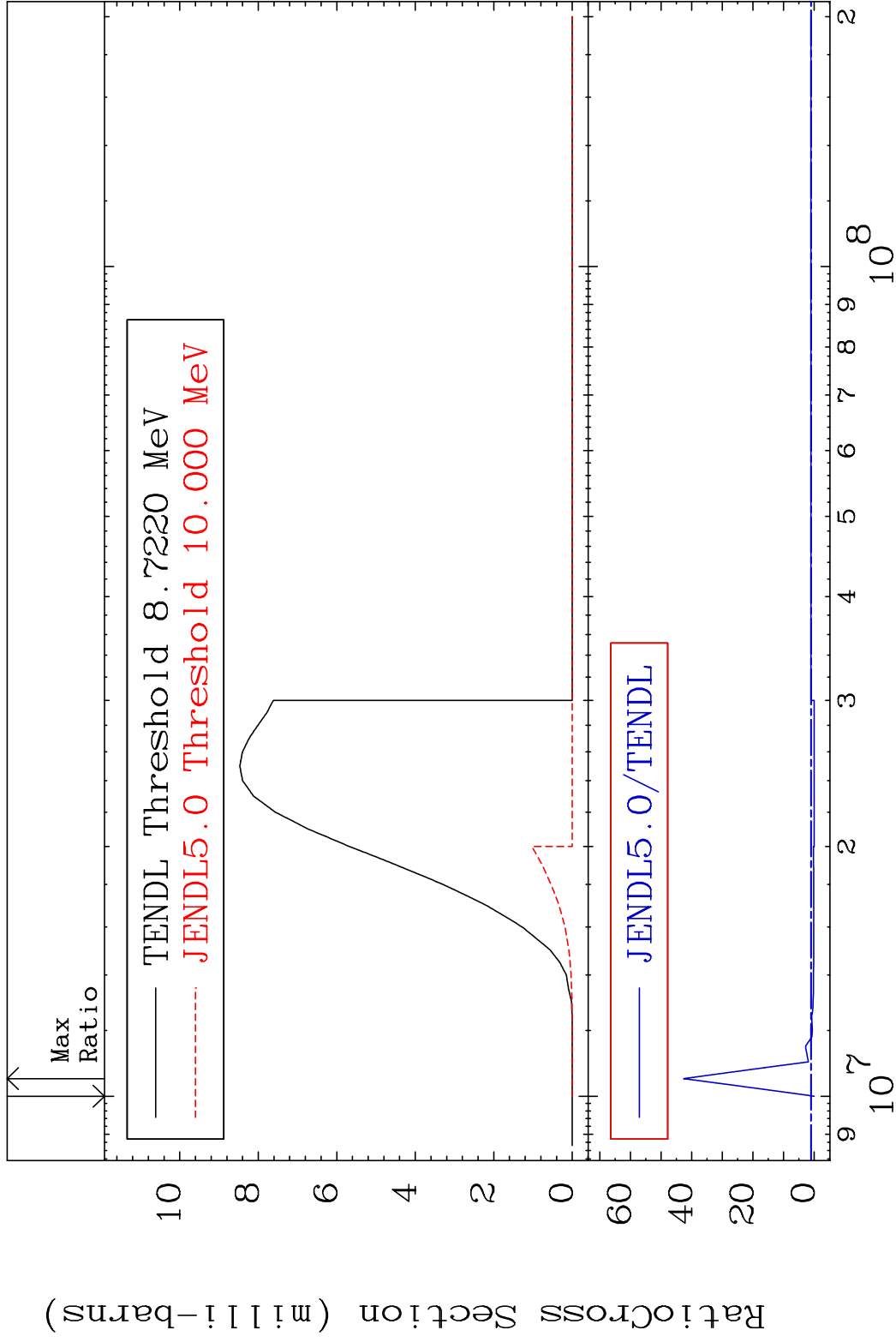


MAT 3131

(n, t)

31-Ga-71

Cross Section -100.0 To 4160. %



40

Incident Energy (eV)

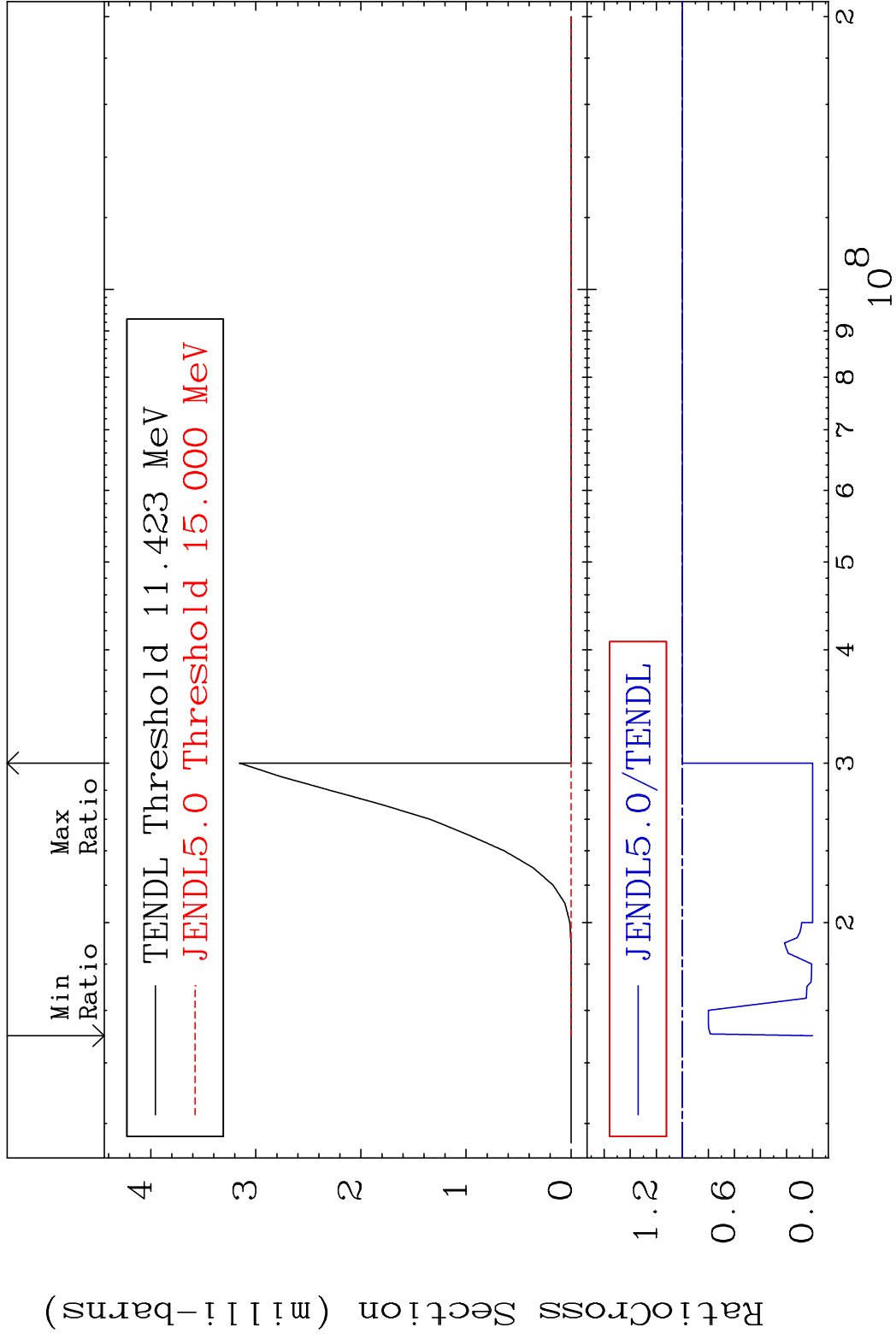
31-Ga-71

MAT 3131

(n, He-3)

31-Ga-71

Cross Section -100.0 To 0.000 %

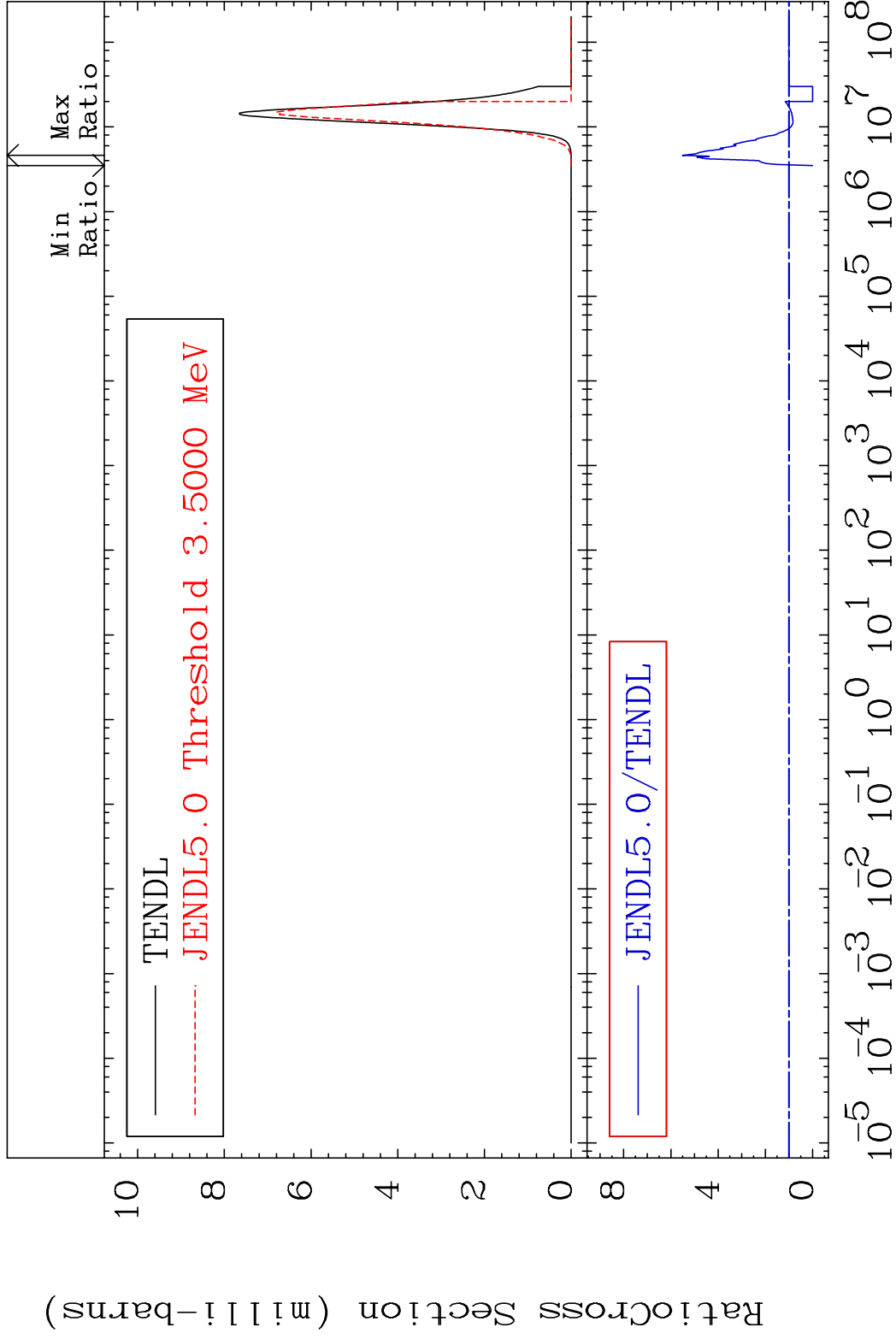


MAT 3131

(n,  $\alpha$ )

31-Ga-71

Cross Section -100.0 To 451.4 %

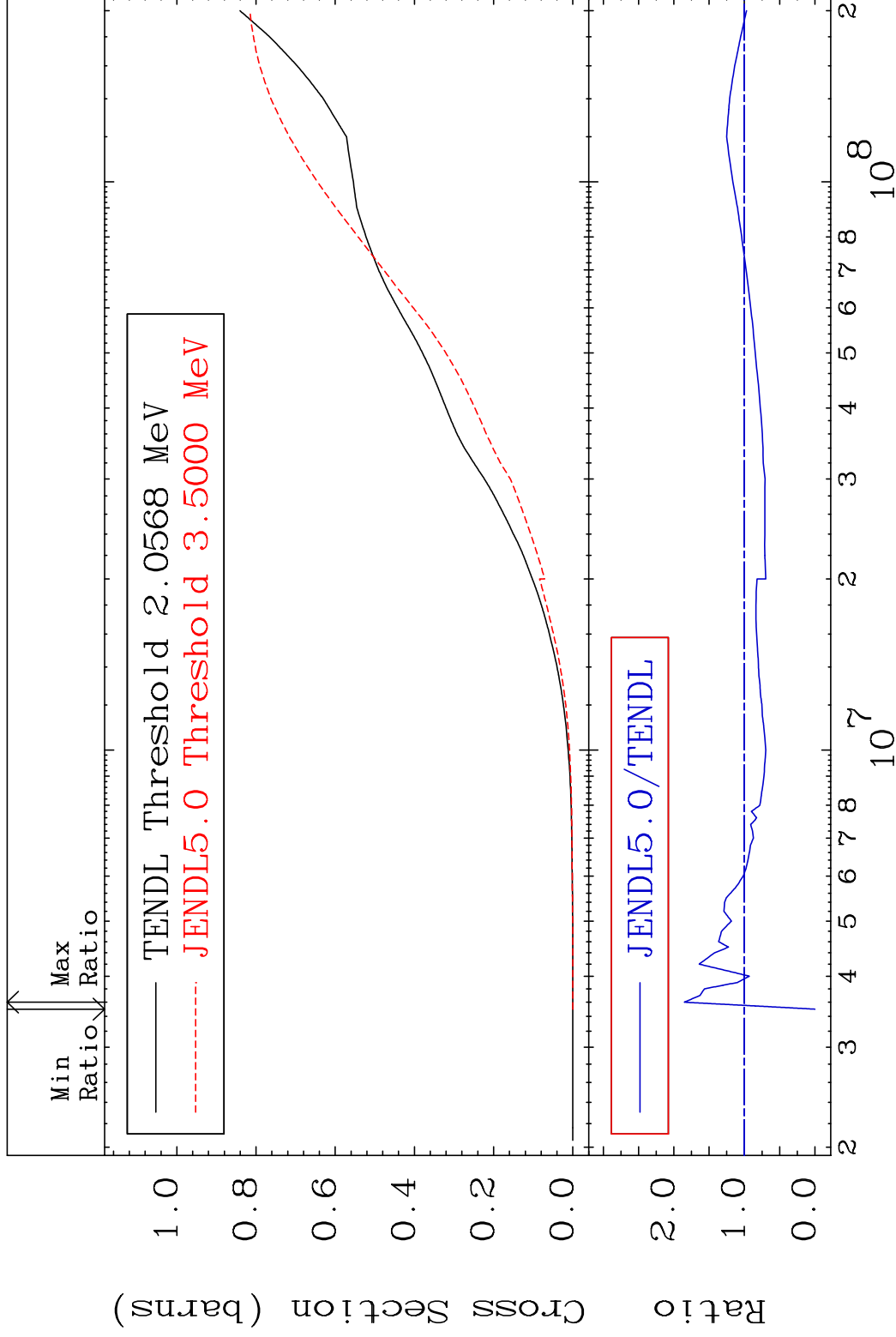


MAT 3131

Hydrogen Production

31-Ga-71

Cross Section -100.0 To 85.17 %

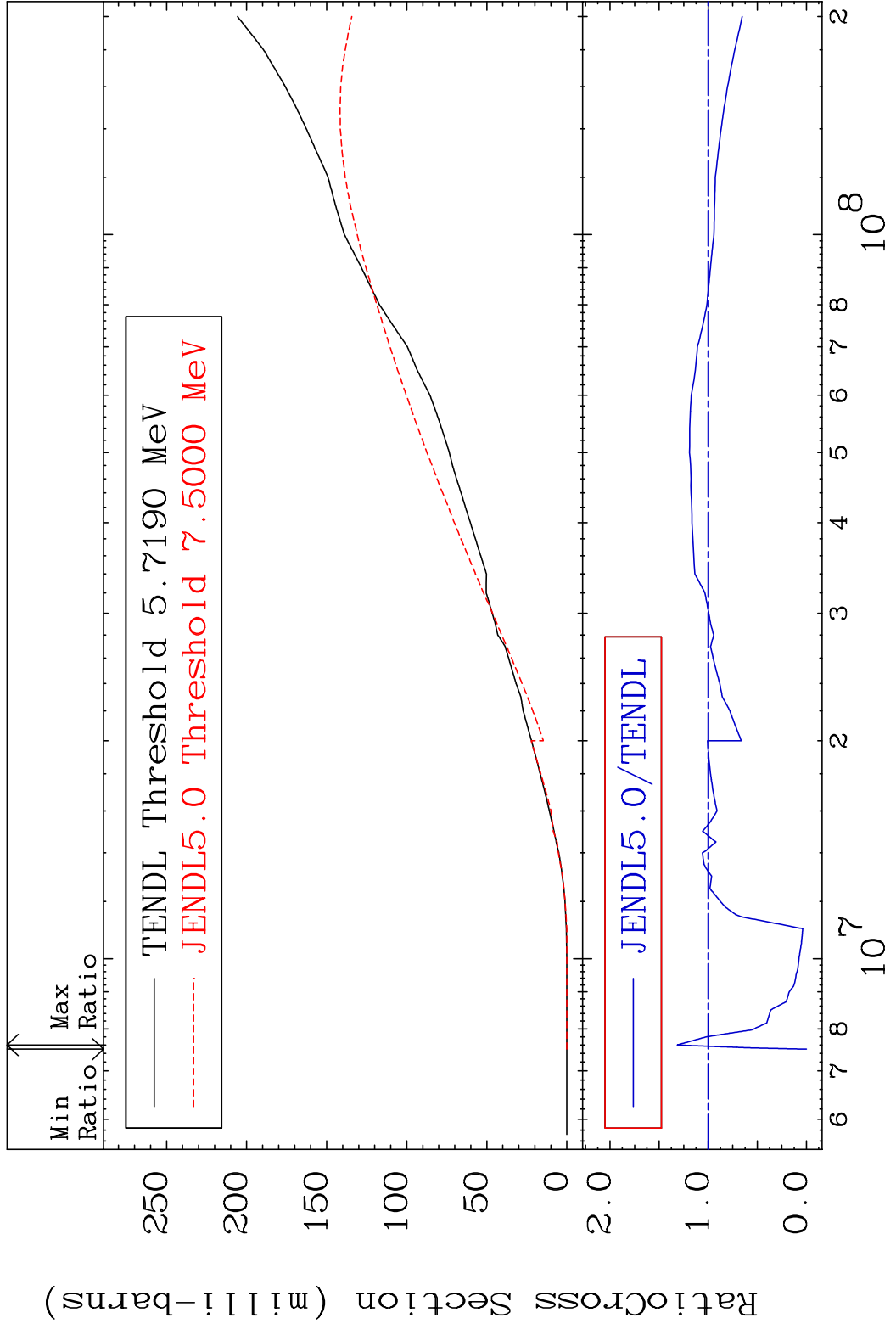


43

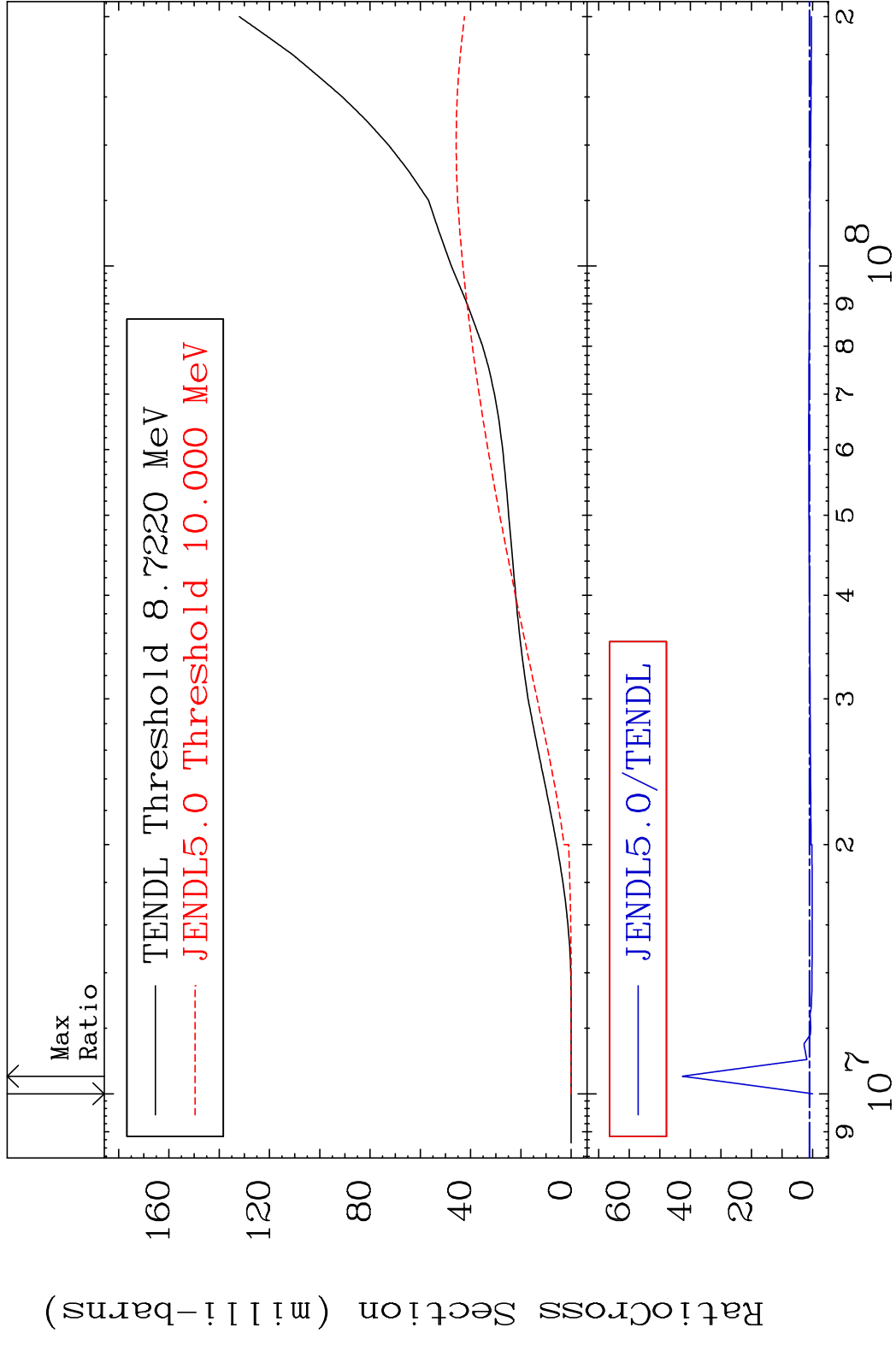
Incident Energy (eV)

31-Ga-71

MAT 3131 Deuterium Production 31-Ga-71  
 Cross Section -100.0 To 31.61 %



MAT 3131 Tritium Production 31-Ga-71  
 Cross Section -100.0 To 4160. %



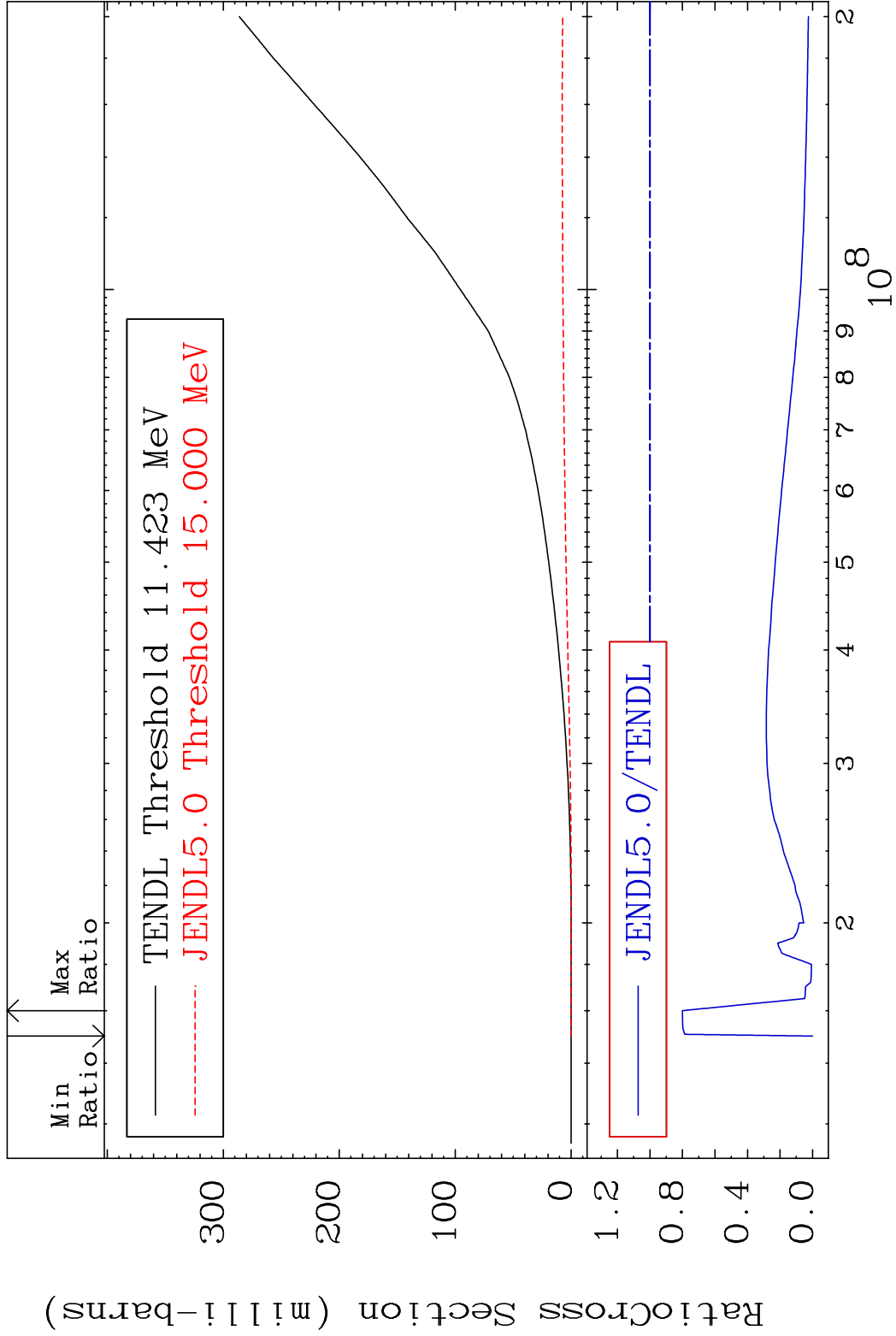
45 31-Ga-71

MAT 3131

He-3 Production

31-Ga-71

Cross Section -100.0 To -19.93%



46

Incident Energy (eV)

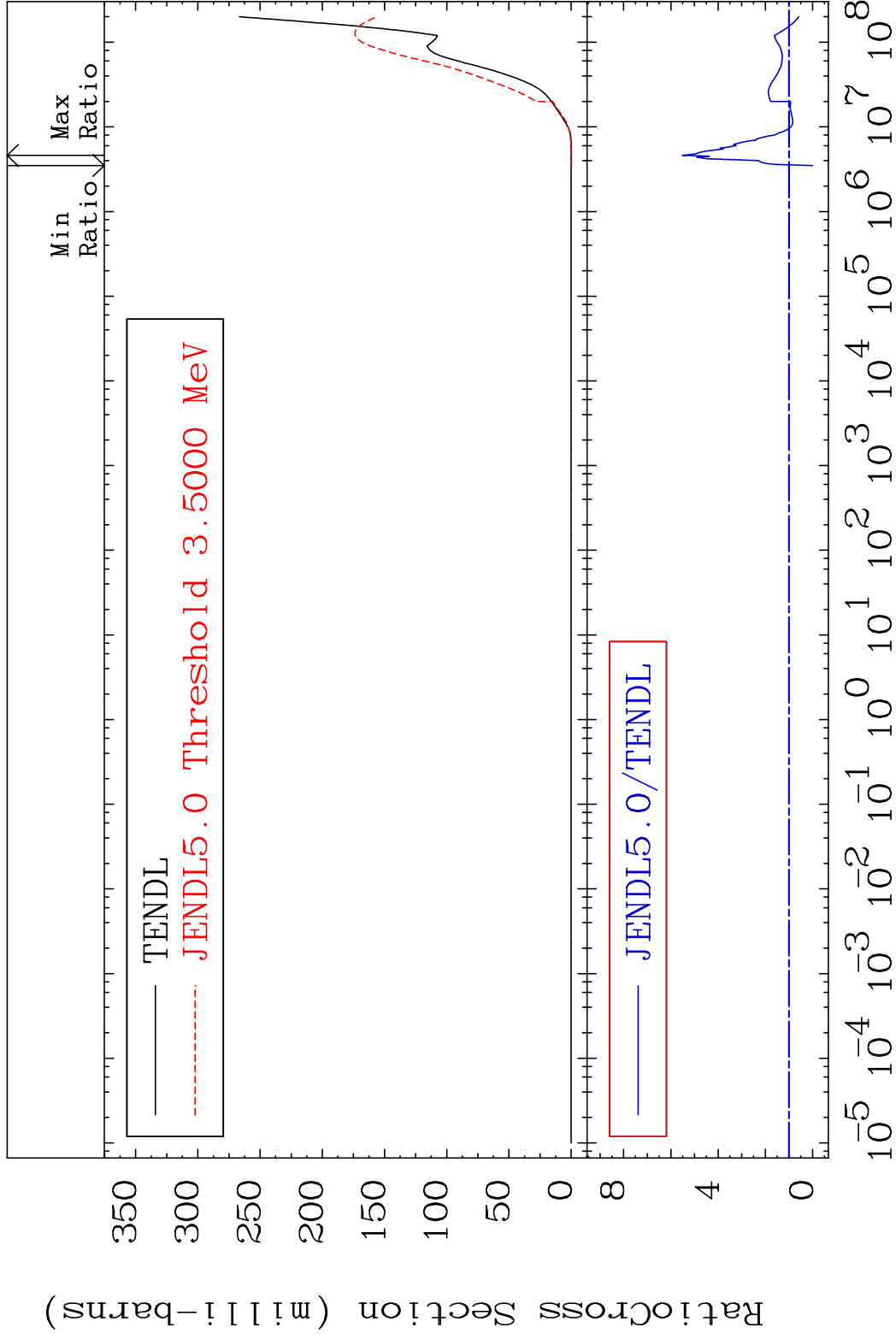
31-Ga-71

MAT 3131

He-4 Production

31-Ga-71

Cross Section -100.0 To 451.4 %



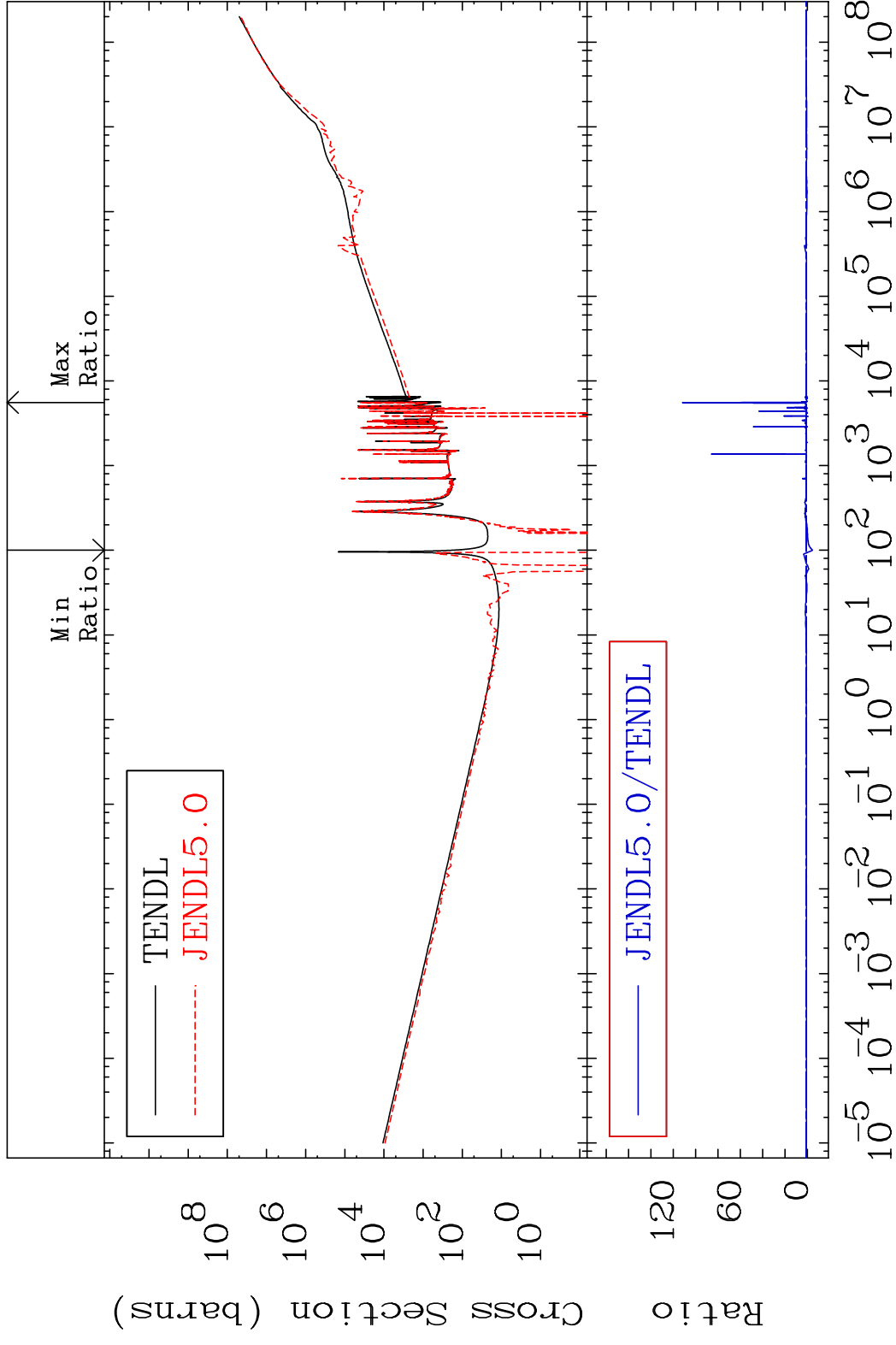
47

Incident Energy (eV)

31-Ga-71

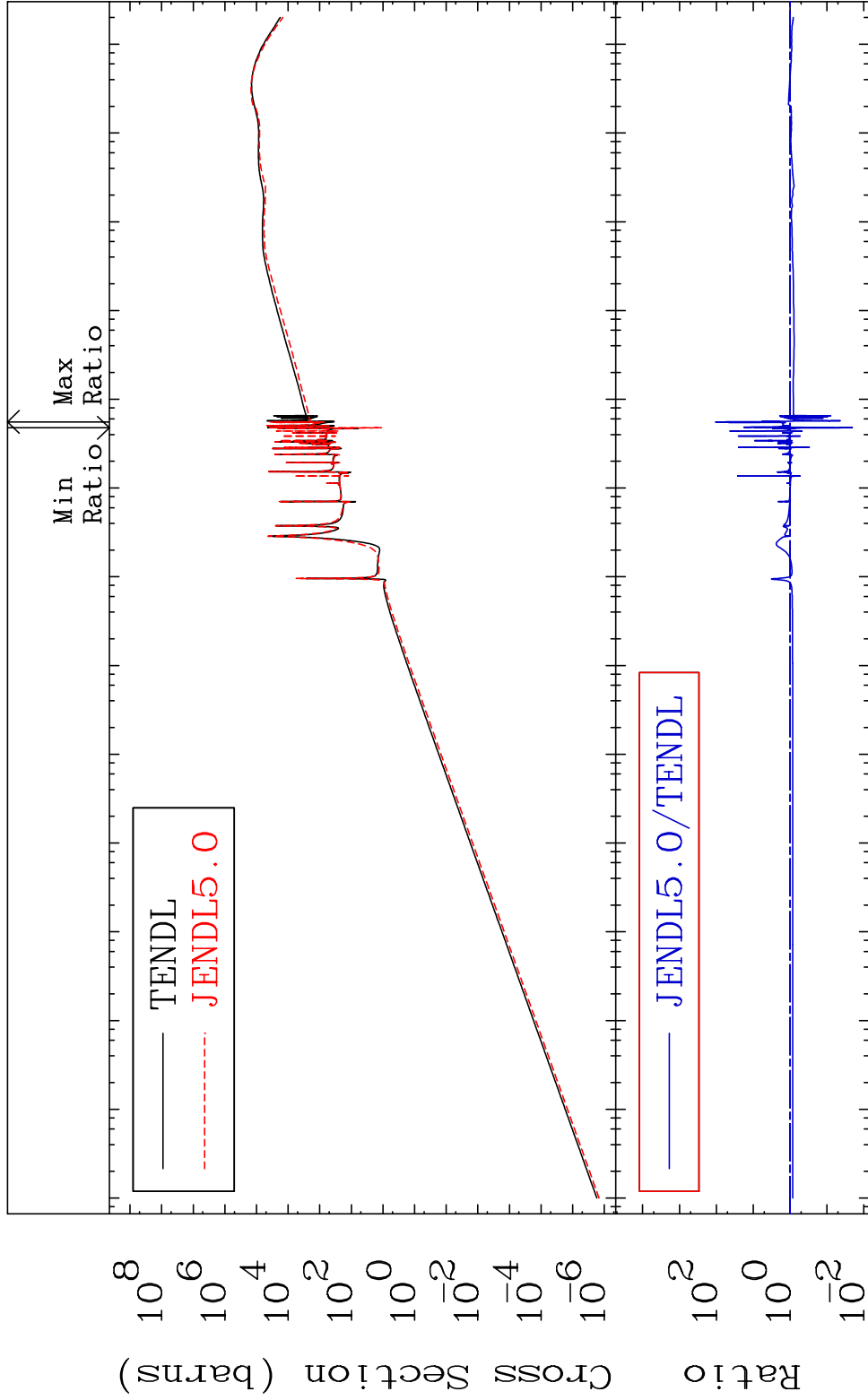


MAT 3131 Kerma total (eV-barns) 31-Ga-71  
 Cross Section -559.3 To 9999. %



MAT 3131

Kerma elastic Cross Section -97.94 To 9999. %  
31-Ga-71

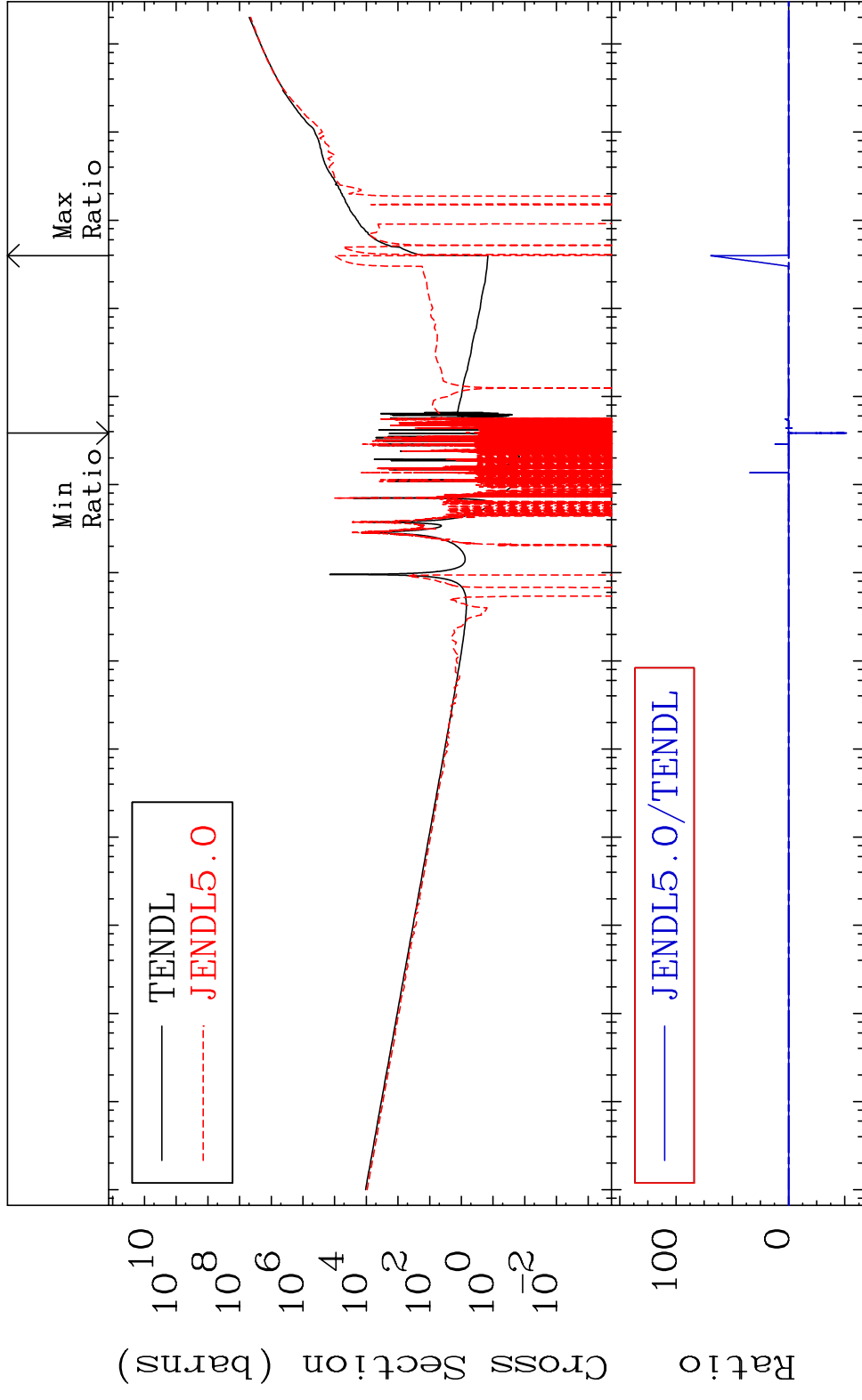


49

Incident Energy (eV)

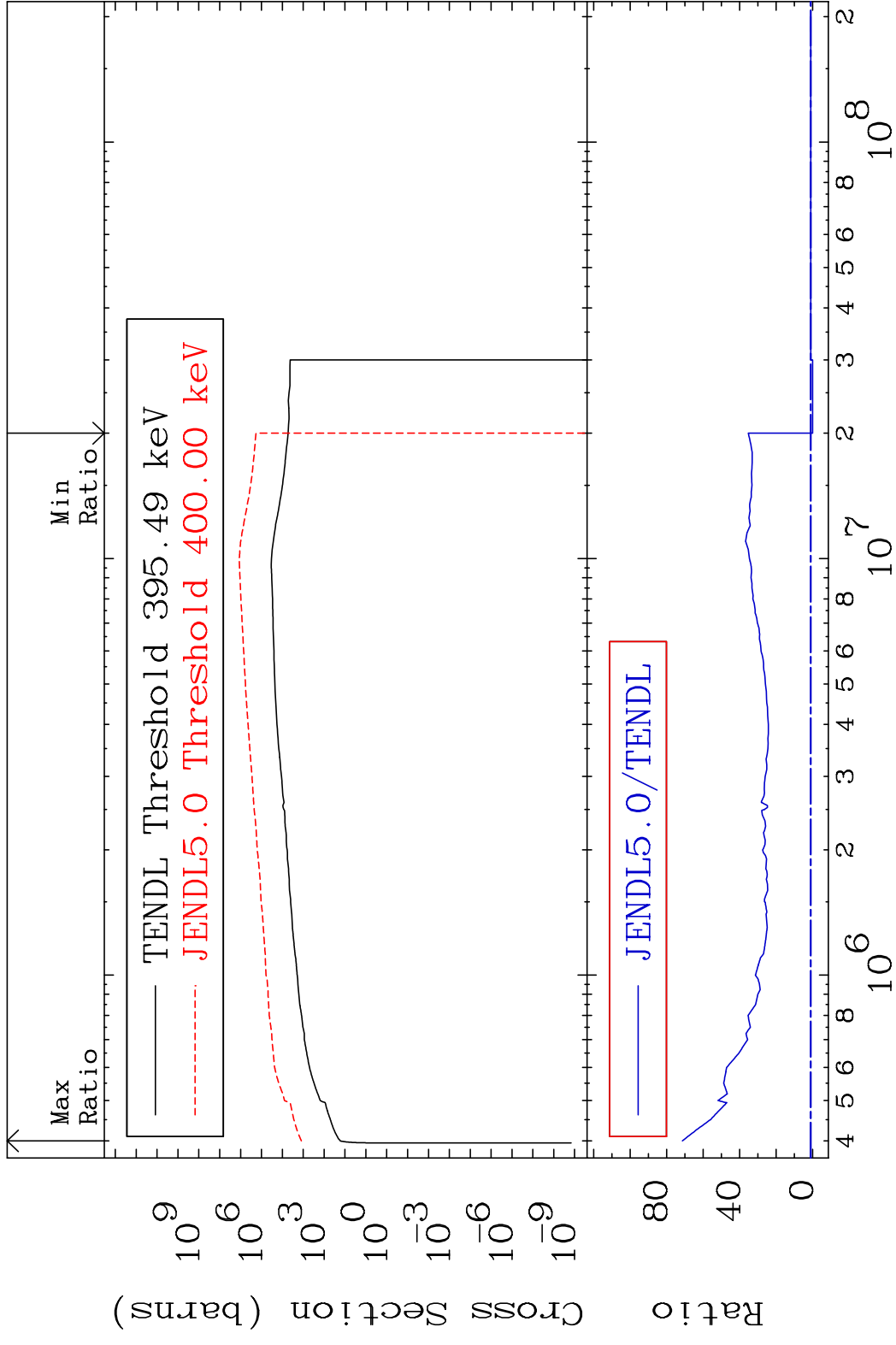
31-Ga-71

MAT 3131 Kerma non-elastic (all but mt2) 31-Ga-71  
 Cross Section -9999. To 9999. %

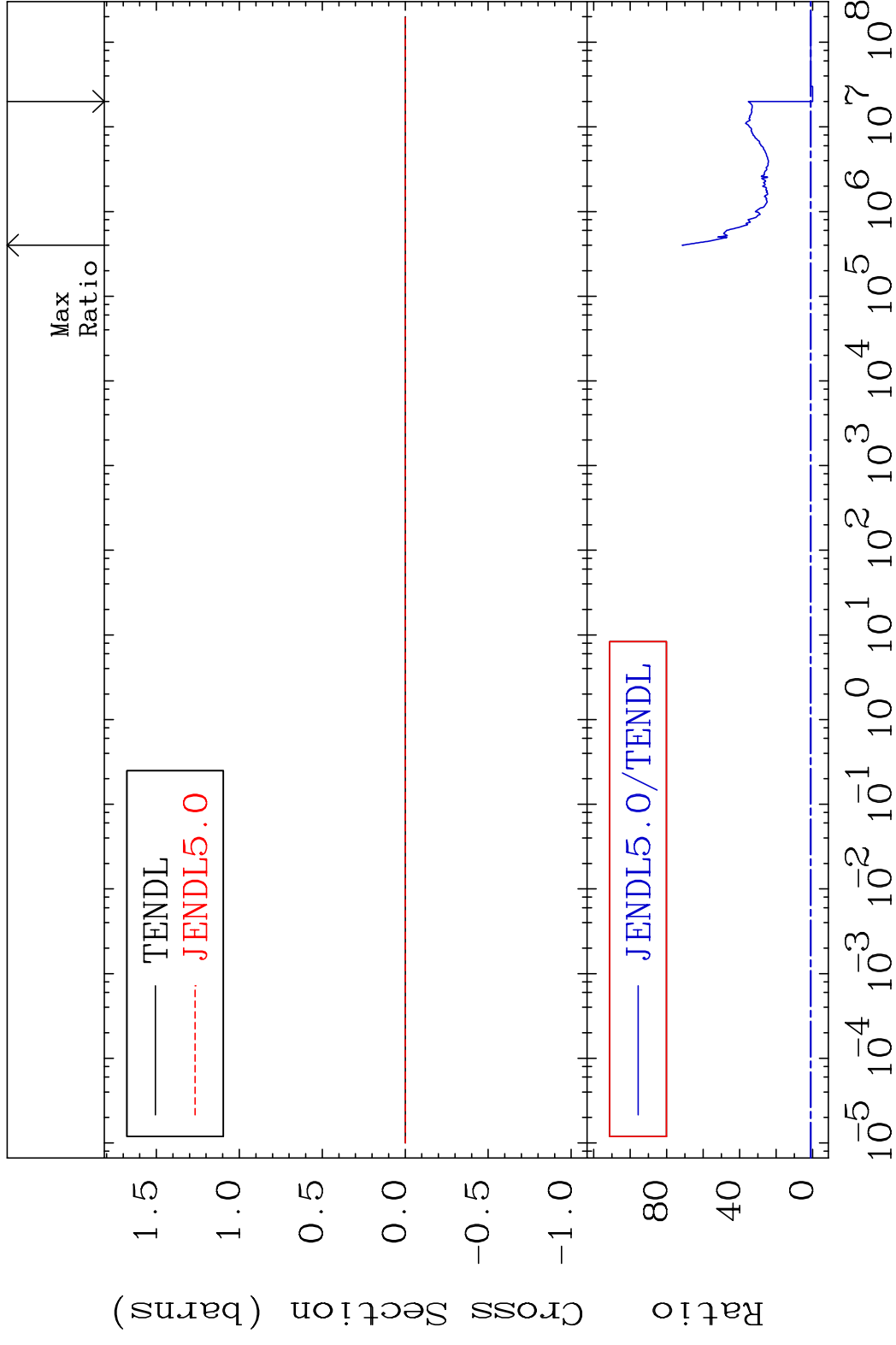


50 Incident Energy (eV) 31-Ga-71

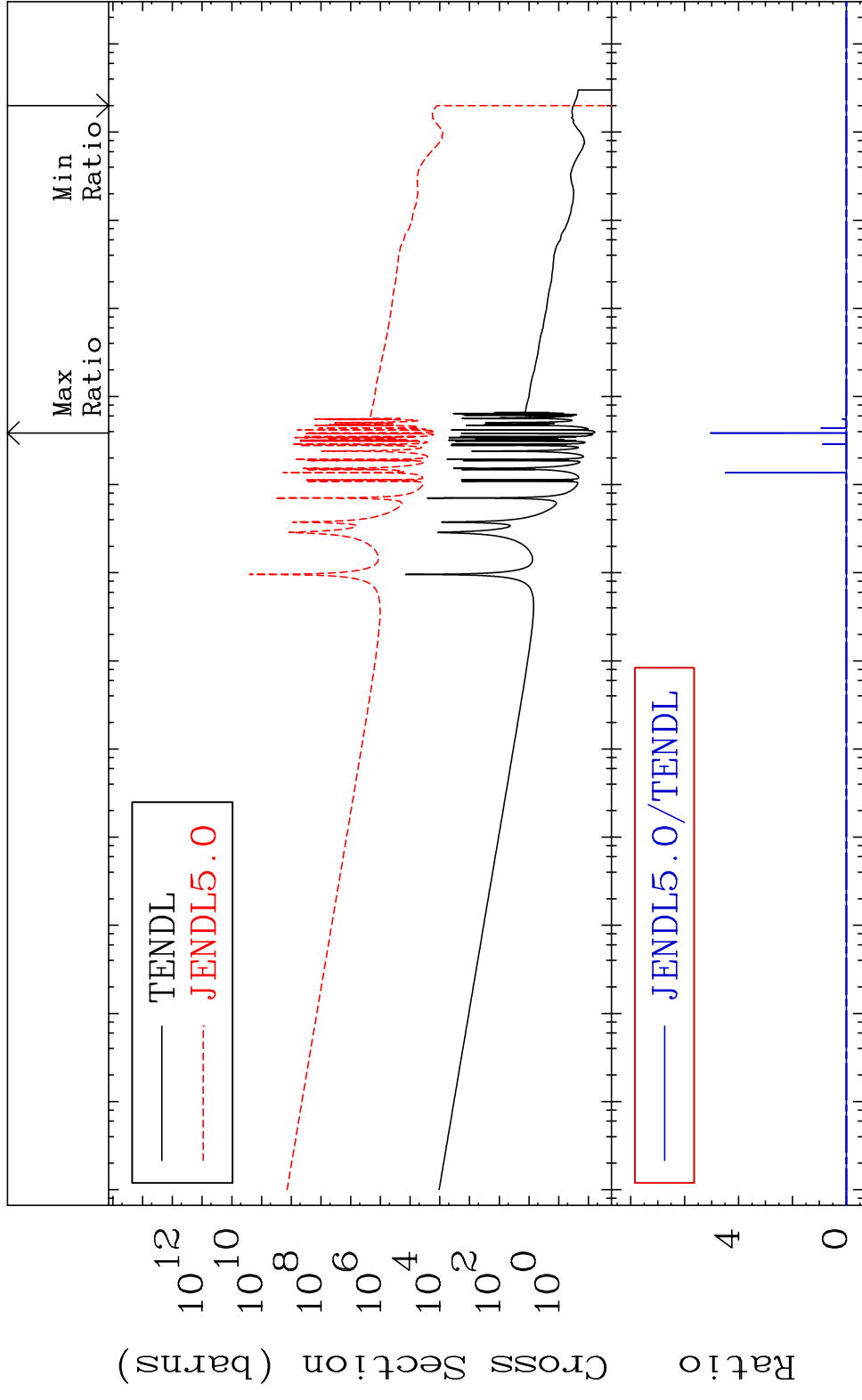
MAT 3131 Kerma inelastic (mt51-91) 31-Ga-71  
 Cross Section -100.0 To 7036. %



MAT 3131 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-71  
 Cross Section -100.0 To 7036. %

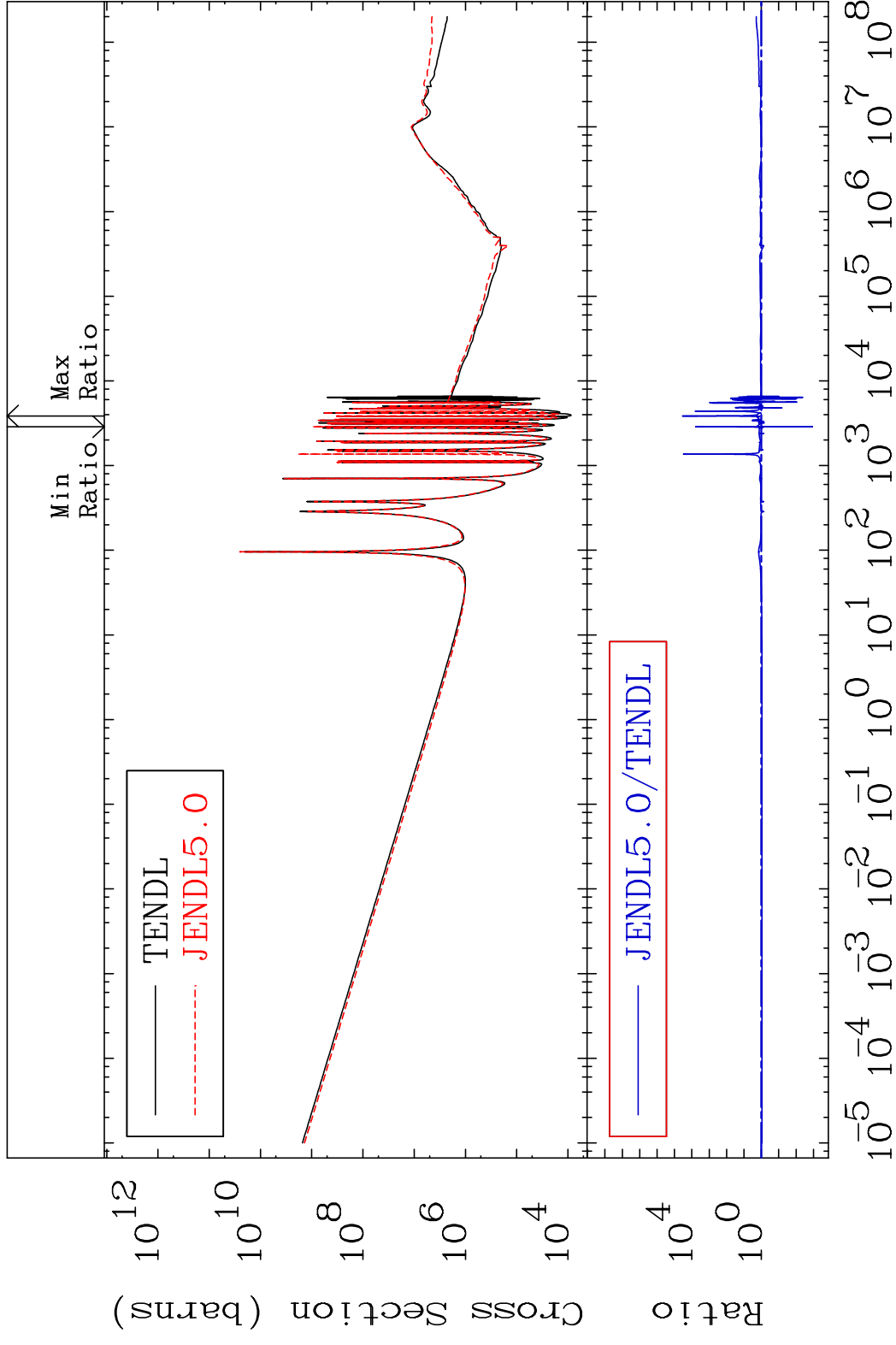


MAT 3131 Kerma capture (mt102) 31-Ga-71  
 Cross Section -100.0 To 9999. %

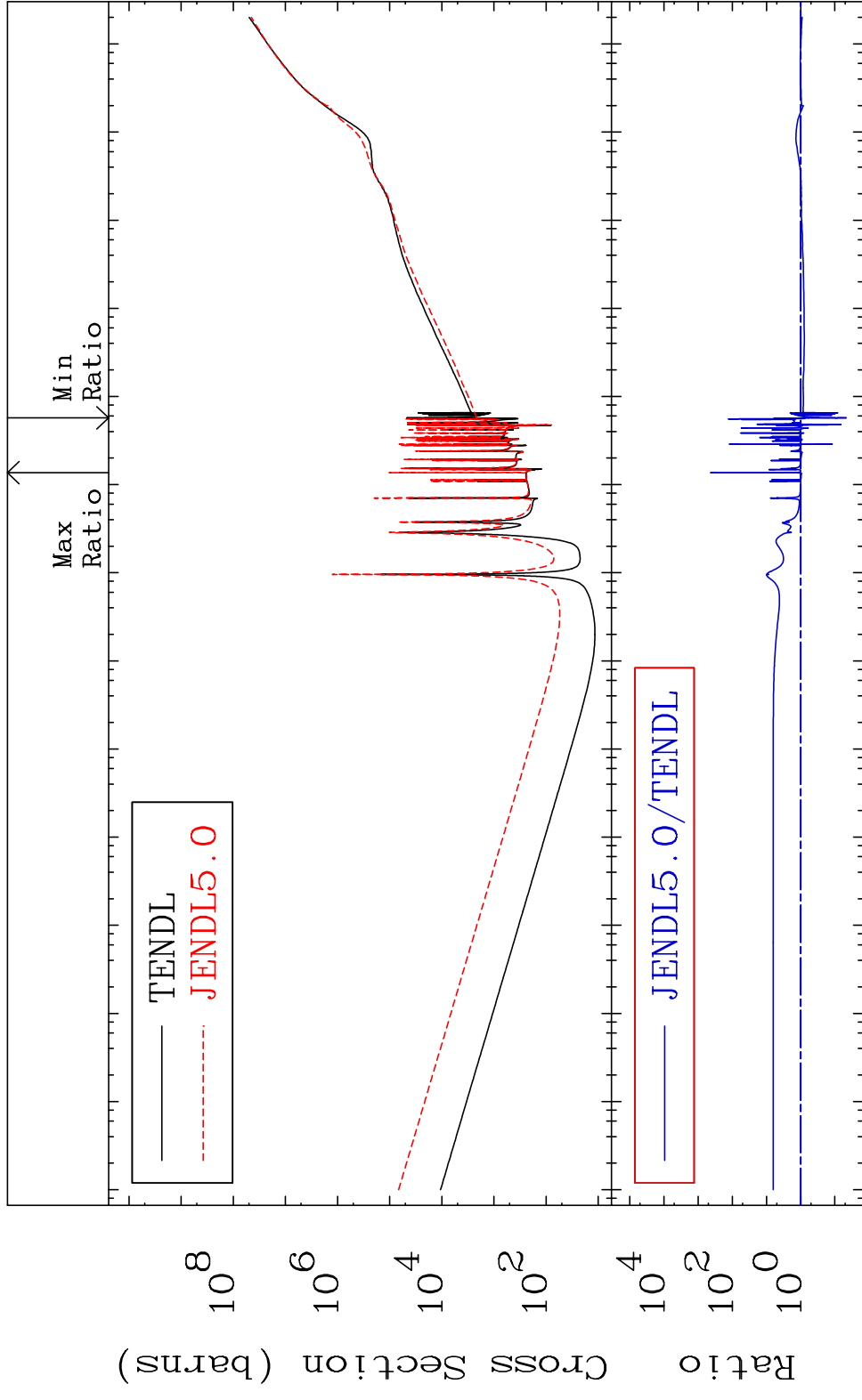


53 Incident Energy (eV) 31-Ga-71

MAT 3131 Total photon (eV-barns) 31-Ga-71  
 Cross Section -99.89 To 9999. %

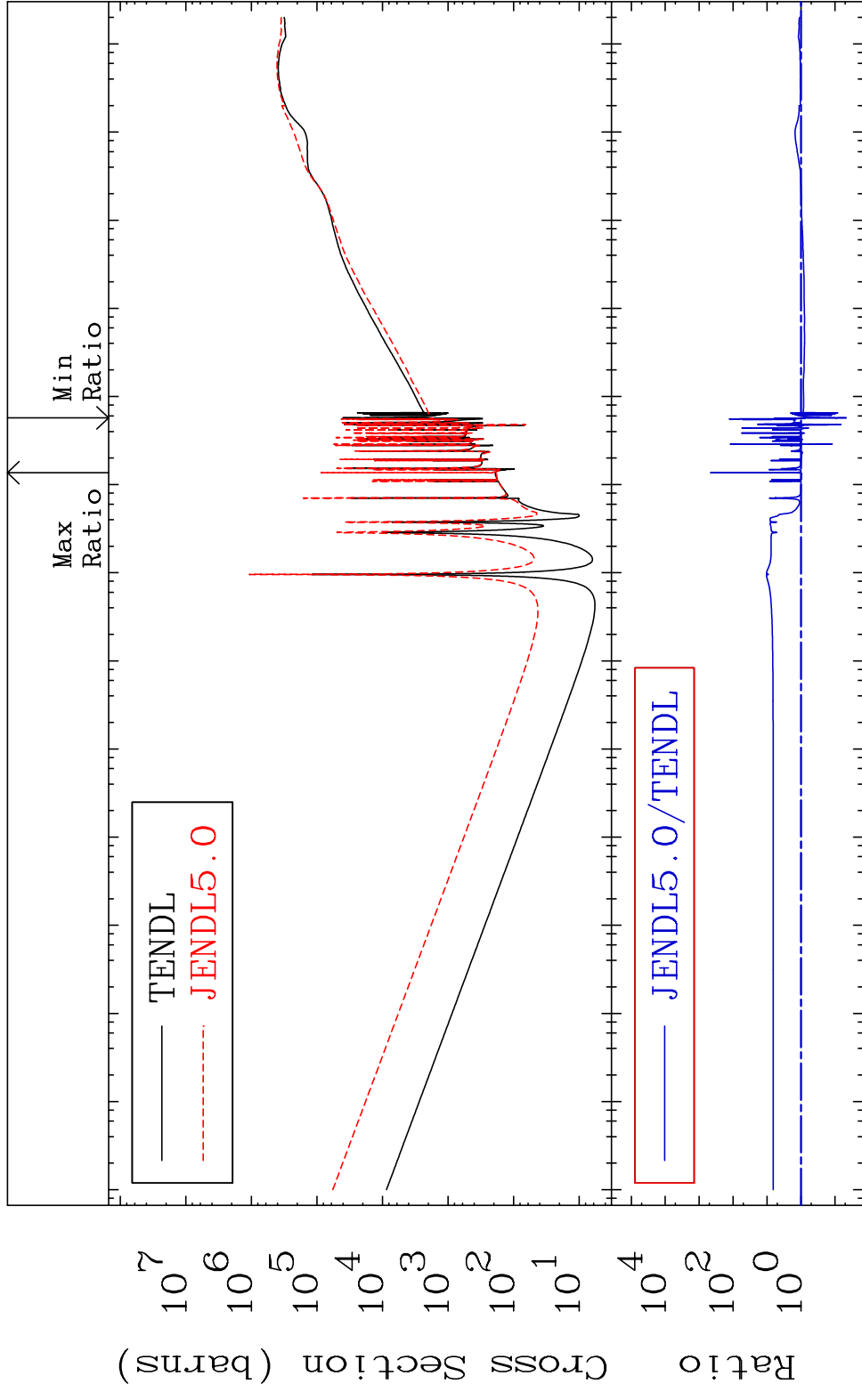


MAT 3131 Total kinematic kerma (high limit) 31-Ga-71  
 Cross Section -95.38 To 9999. %





MAT 3131      Dpa total (eV-barns)      31-Ga-71  
 Cross Section      -95.39 To 9999. %

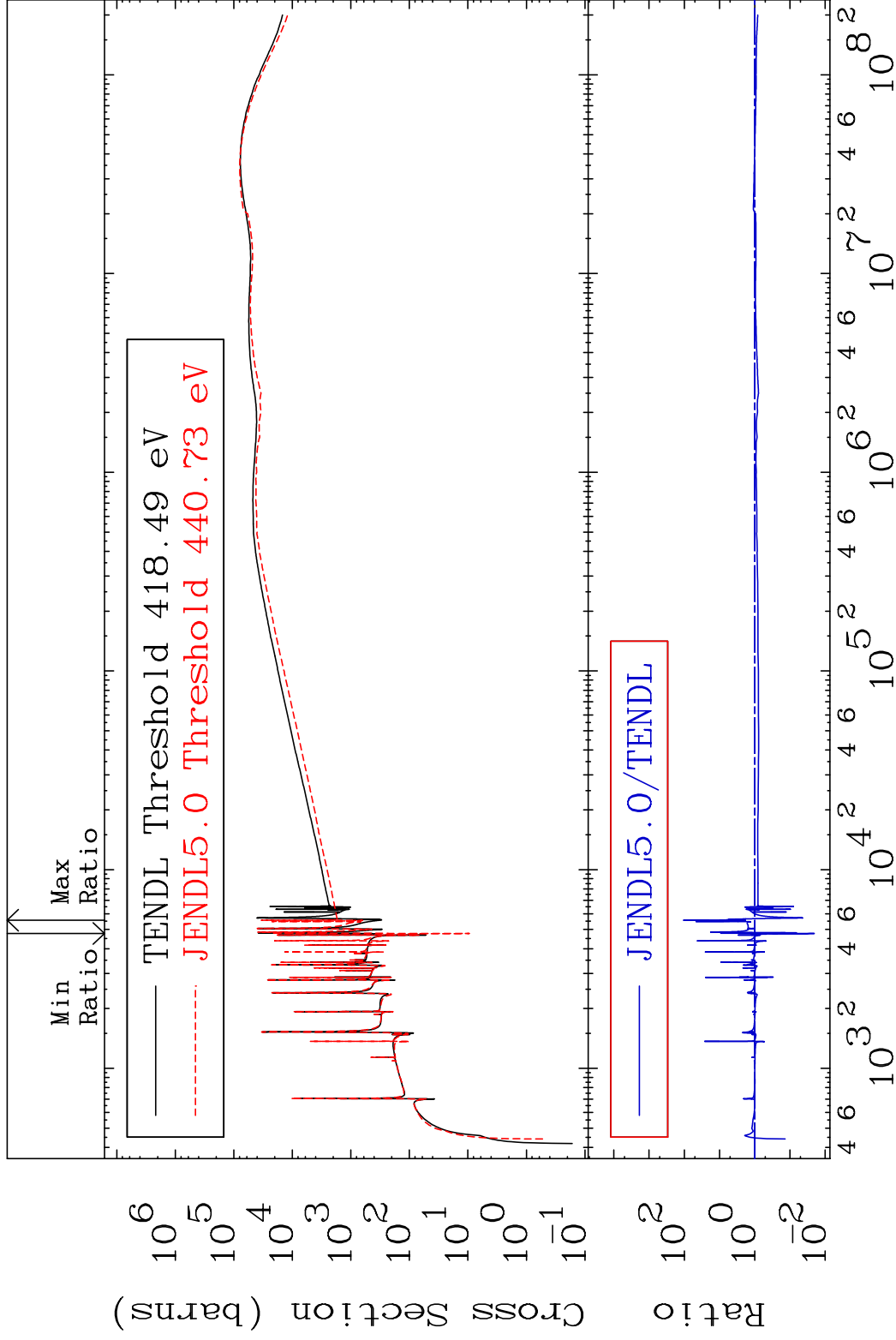


MAT 3131

Dpa elastic (mt2)

31-Ga-71

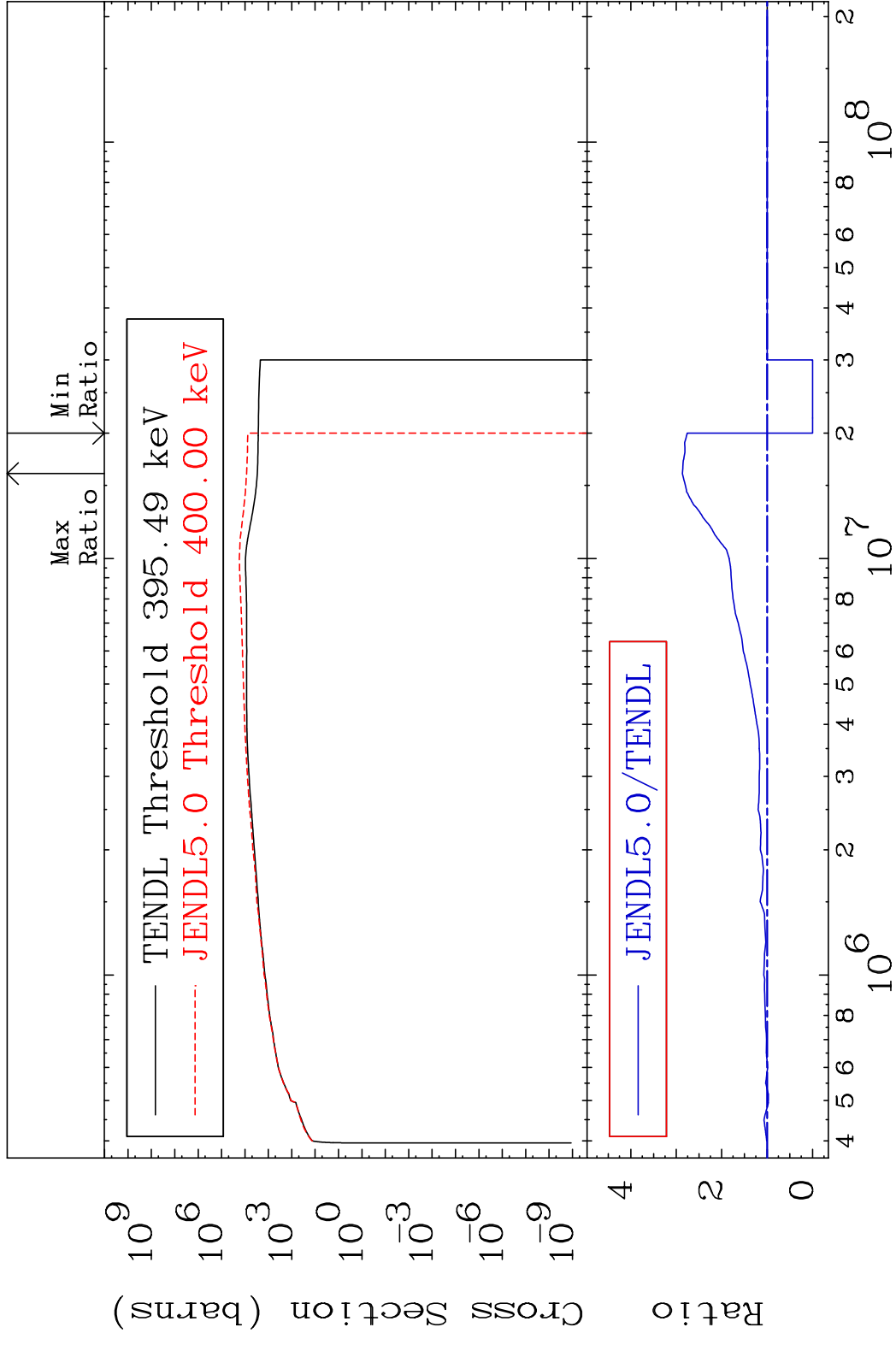
Cross Section -97.94 To 9999. %



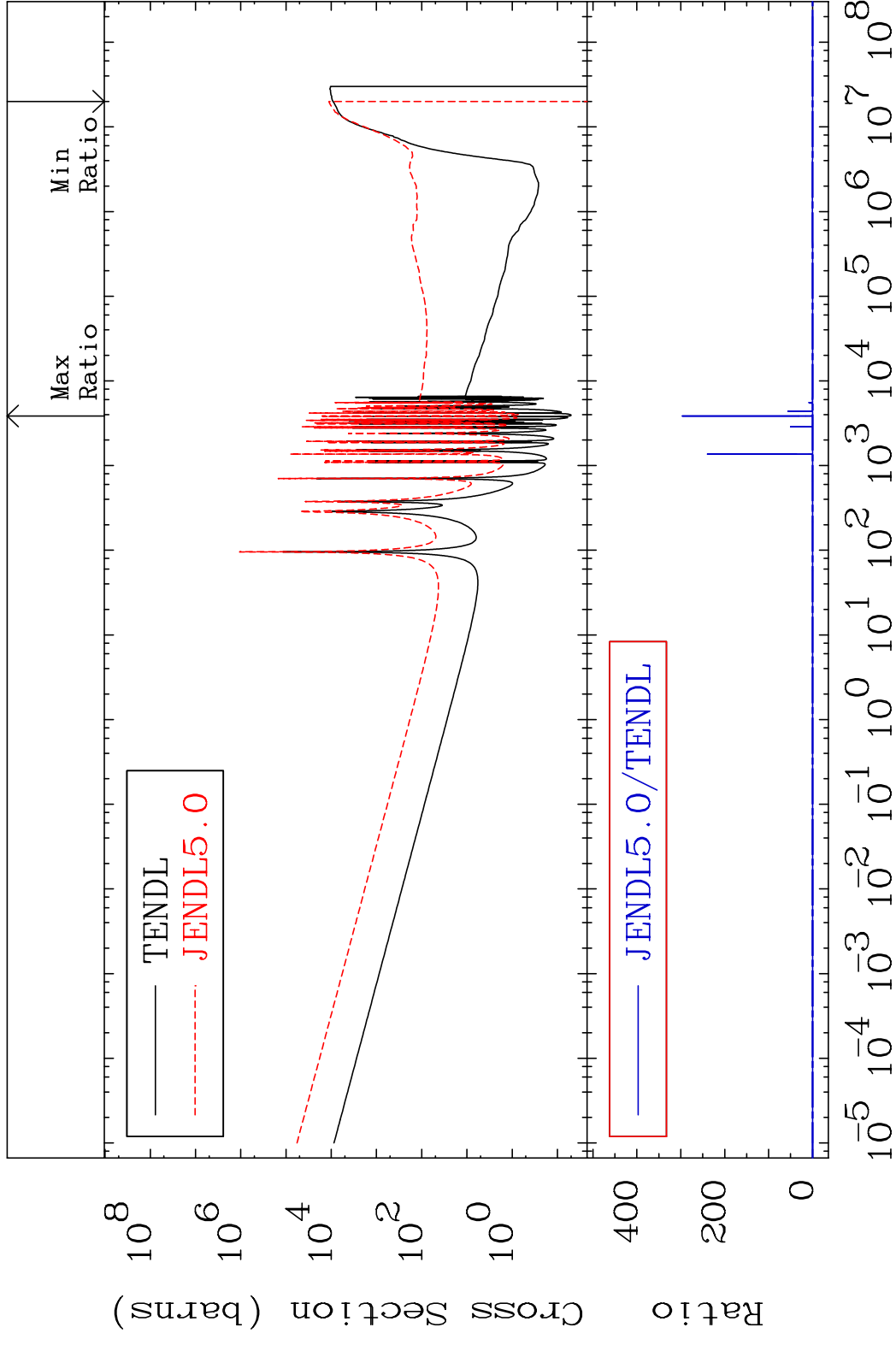
57

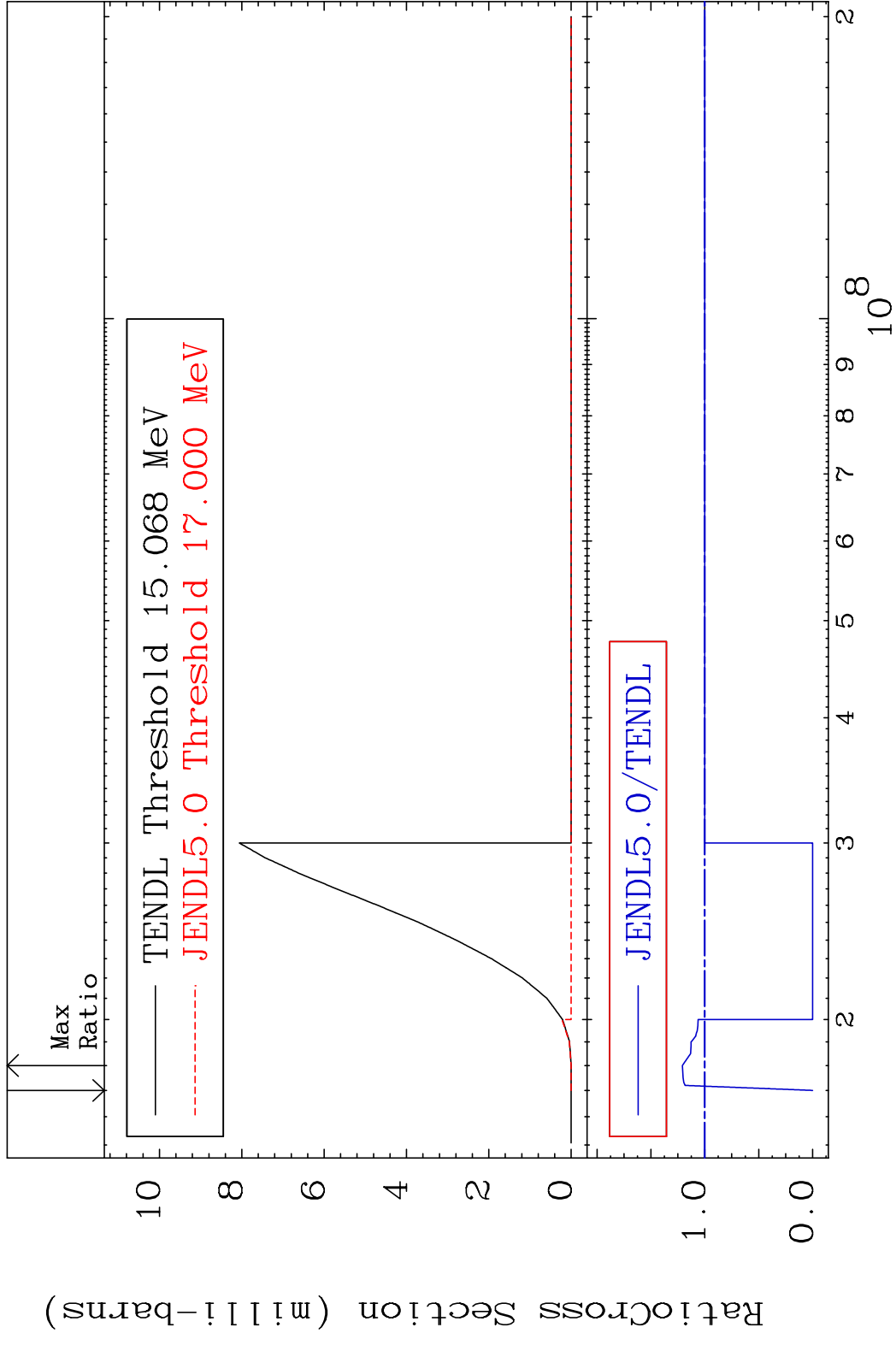
Incident Energy (eV)

31-Ga-71

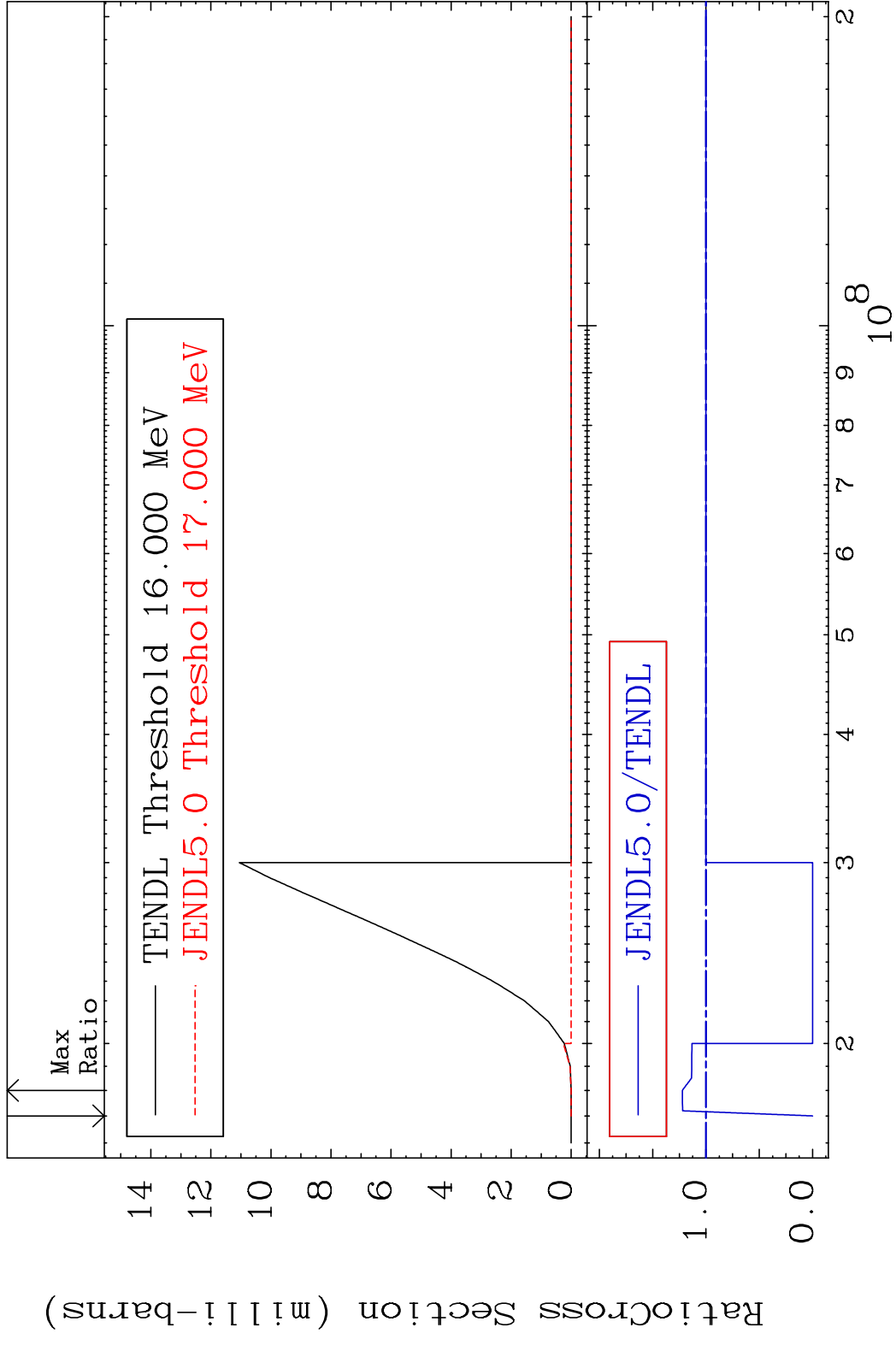


MAT 3131 Dpa disappearance (mt102 -120) 31-Ga-71  
 Cross Section -100.0 To 9999. %

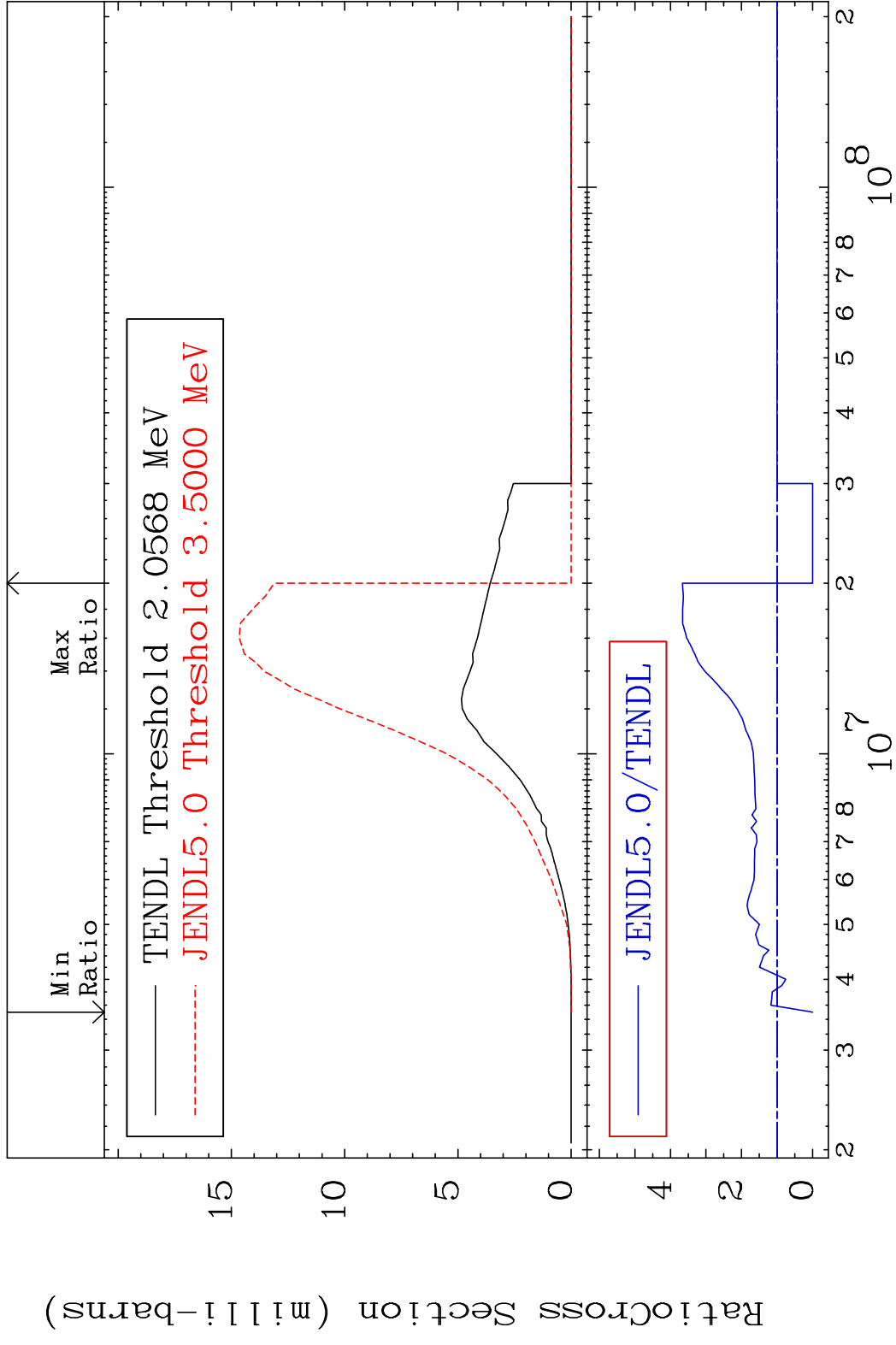




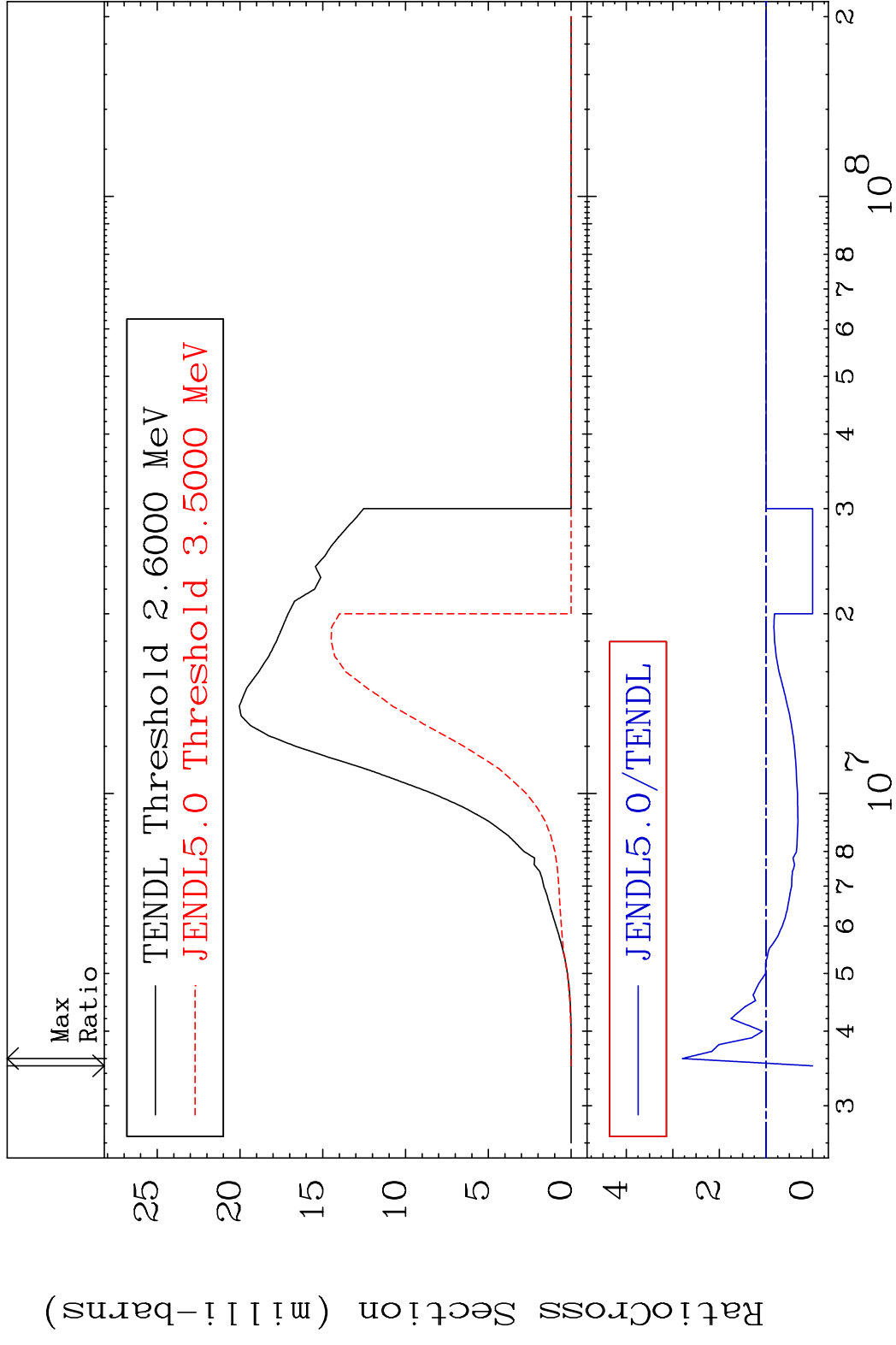
MAT 3131 (n, n') d:30-Zn-69m1 31-Ga-71  
 Radionuclide Production Cross Section 180.0 dth 22.15 %



MAT 3131 (n, p):30-Zn-71g 31-Ga-71  
 Radionuclide Production Cross Section 180.0 dth 266.5 %

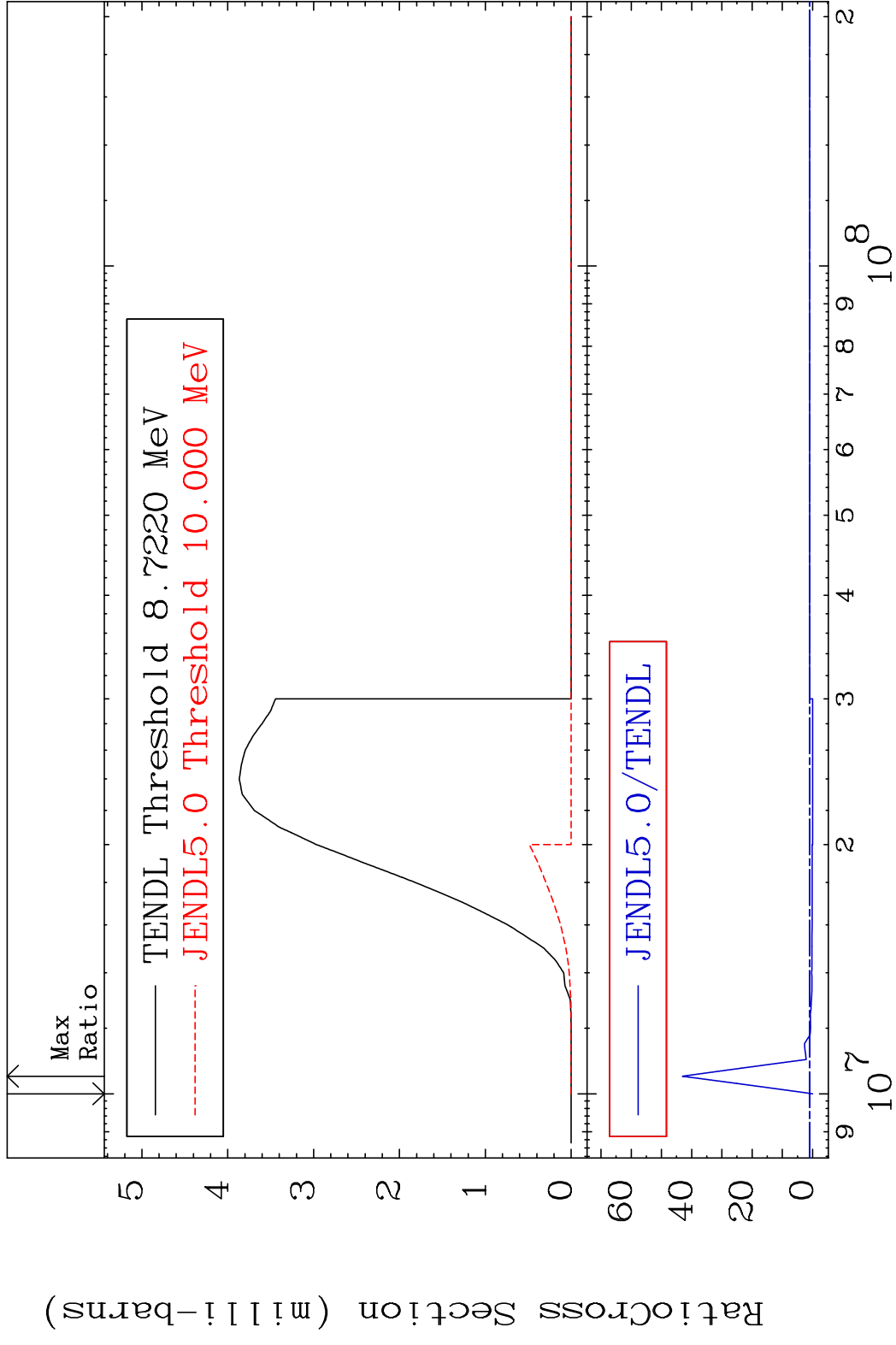


MAT 3131 (n,p):30-Zn-71m1 31-Ga-71  
 Radionuclide Production Cross Section 180.0 dth 179.5 %

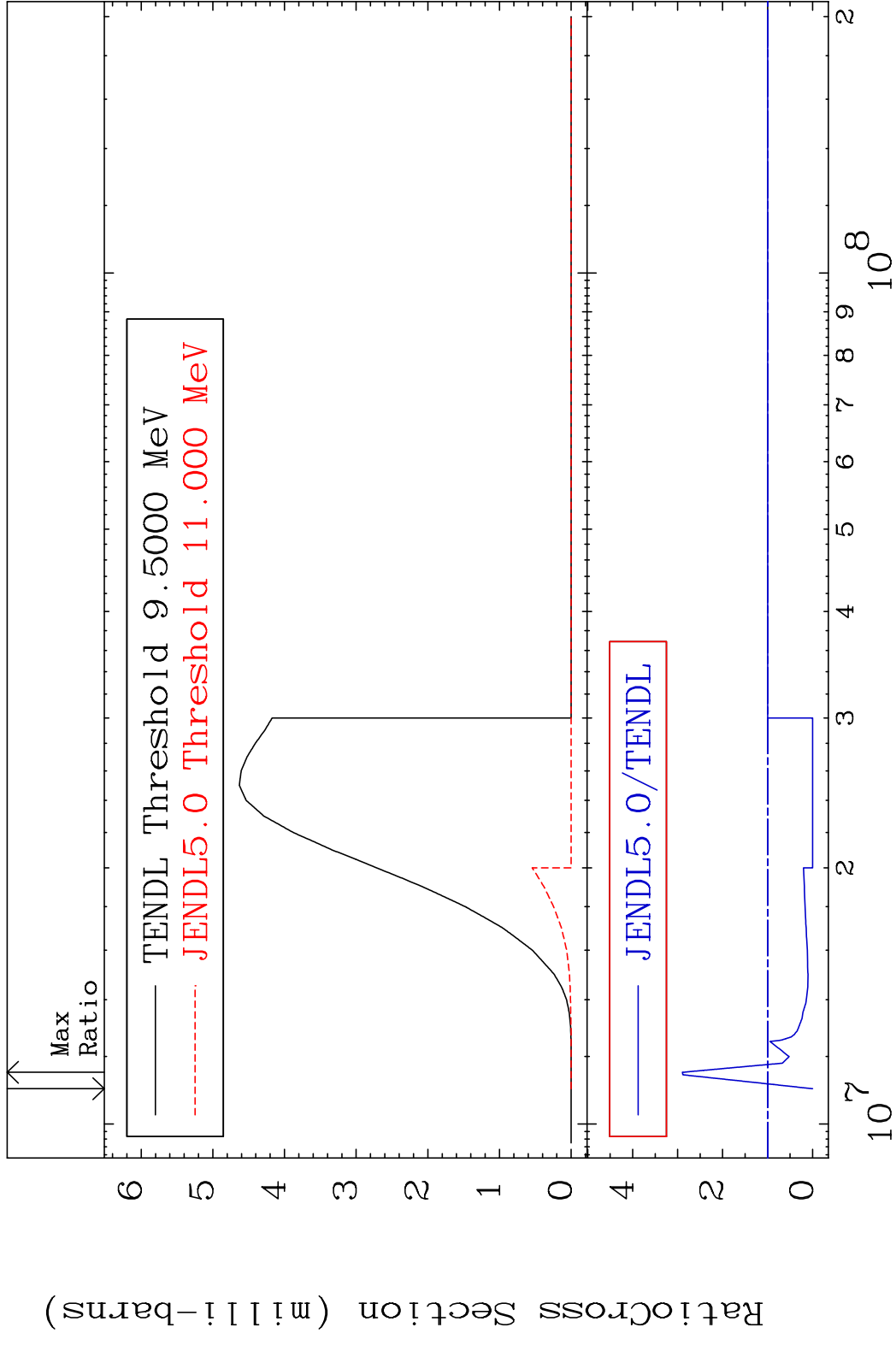




MAT 3131 (n, t):30-Zn-69g 31-Ga-71  
 Radionuclide Production Cross Section 180.0 dth 4208. %

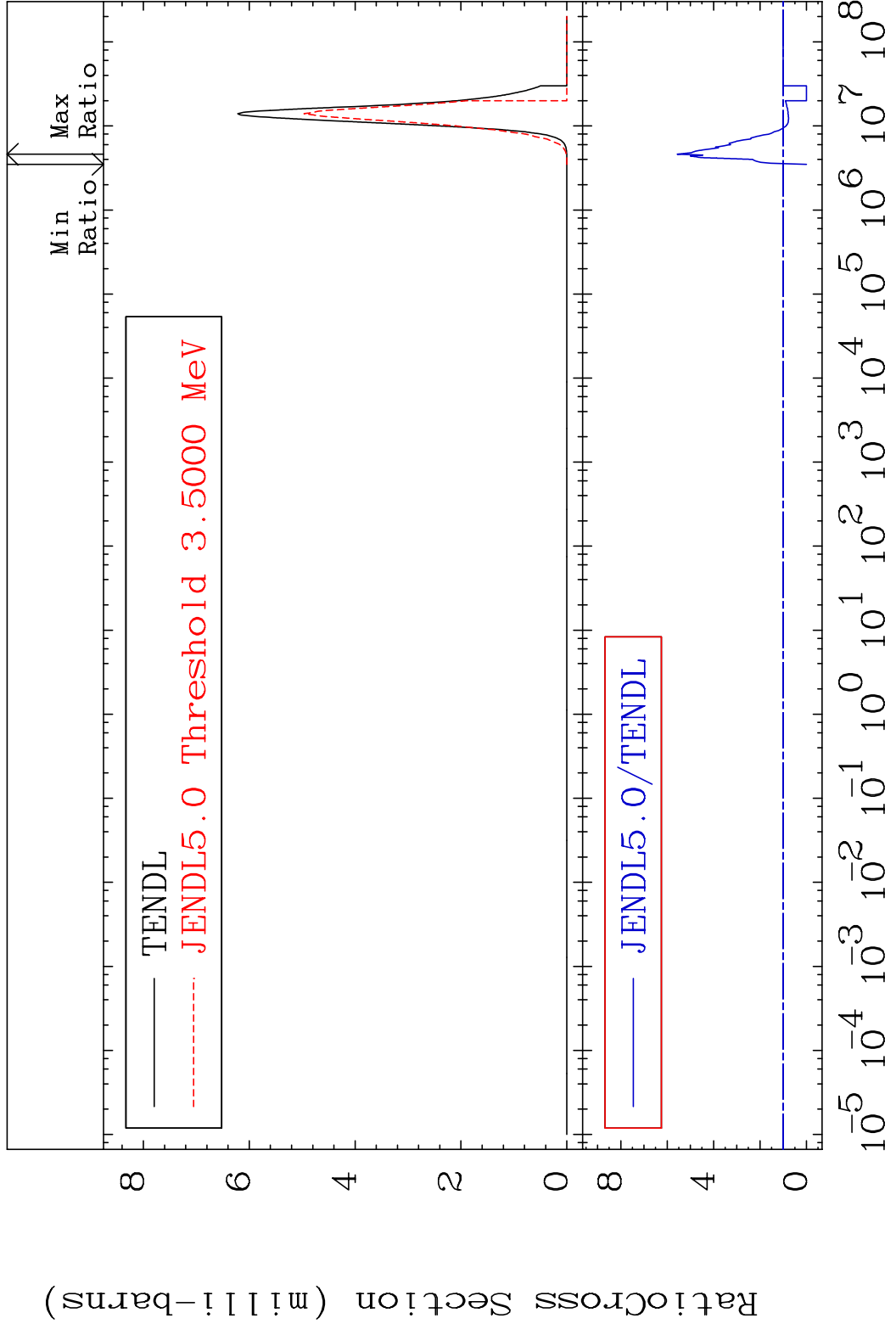


MAT 3131 (n, t):30-Zn-69m1 31-Ga-71  
 Radionuclide Production Cross Section 189.5 %



65 31-Ga-71

MAT 3131 (n,  $\alpha$ ): 29-Cu-68g 31-Ga-71  
 Radionuclide Production Cross Section Ratio 456.8 %

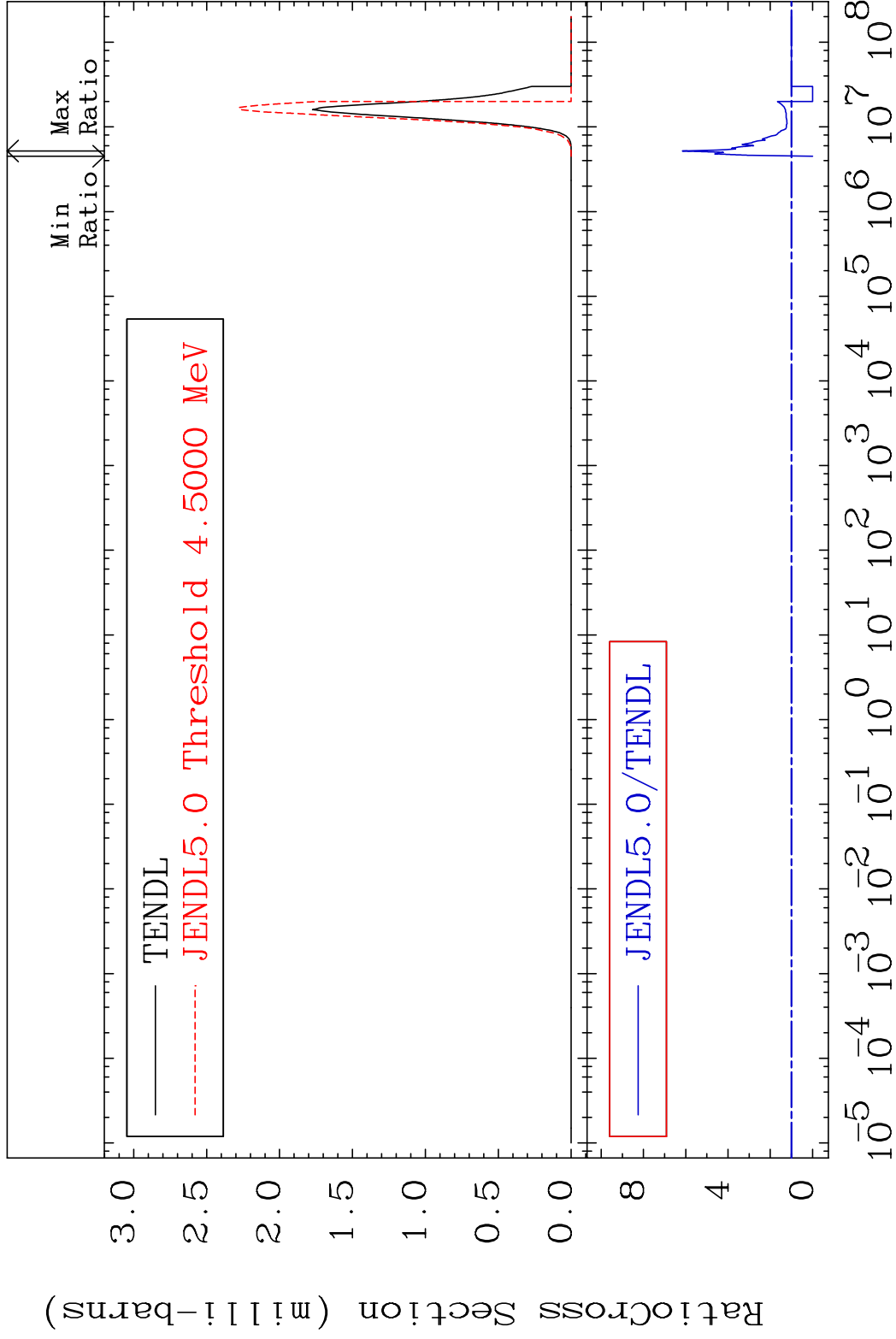


MAT 3131

(n,  $\alpha$ ):29-Cu-68m3

31-Ga-71

Radionuclide Production Cross Section Ratio 515.9 %

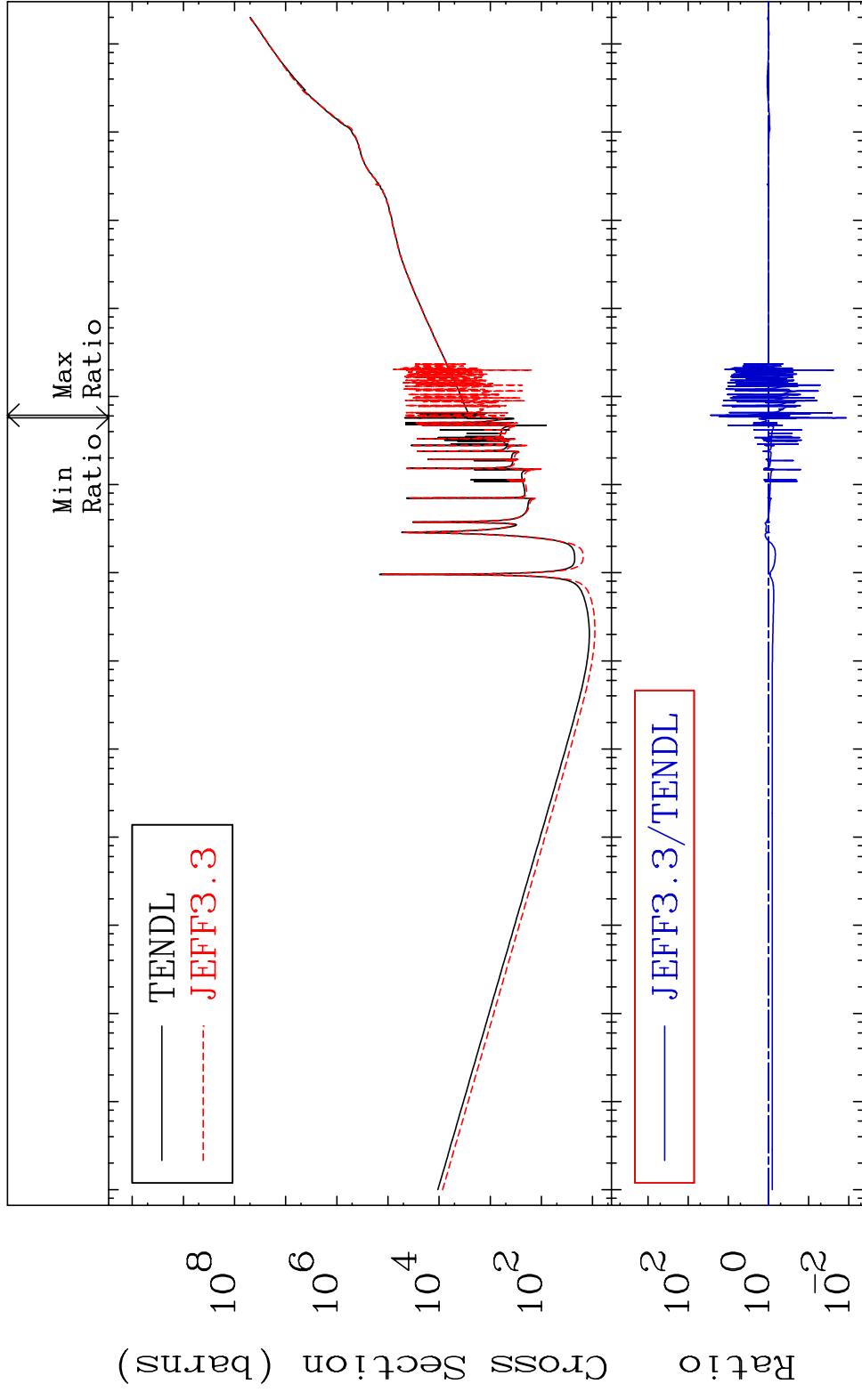


67

Incident Energy (eV)

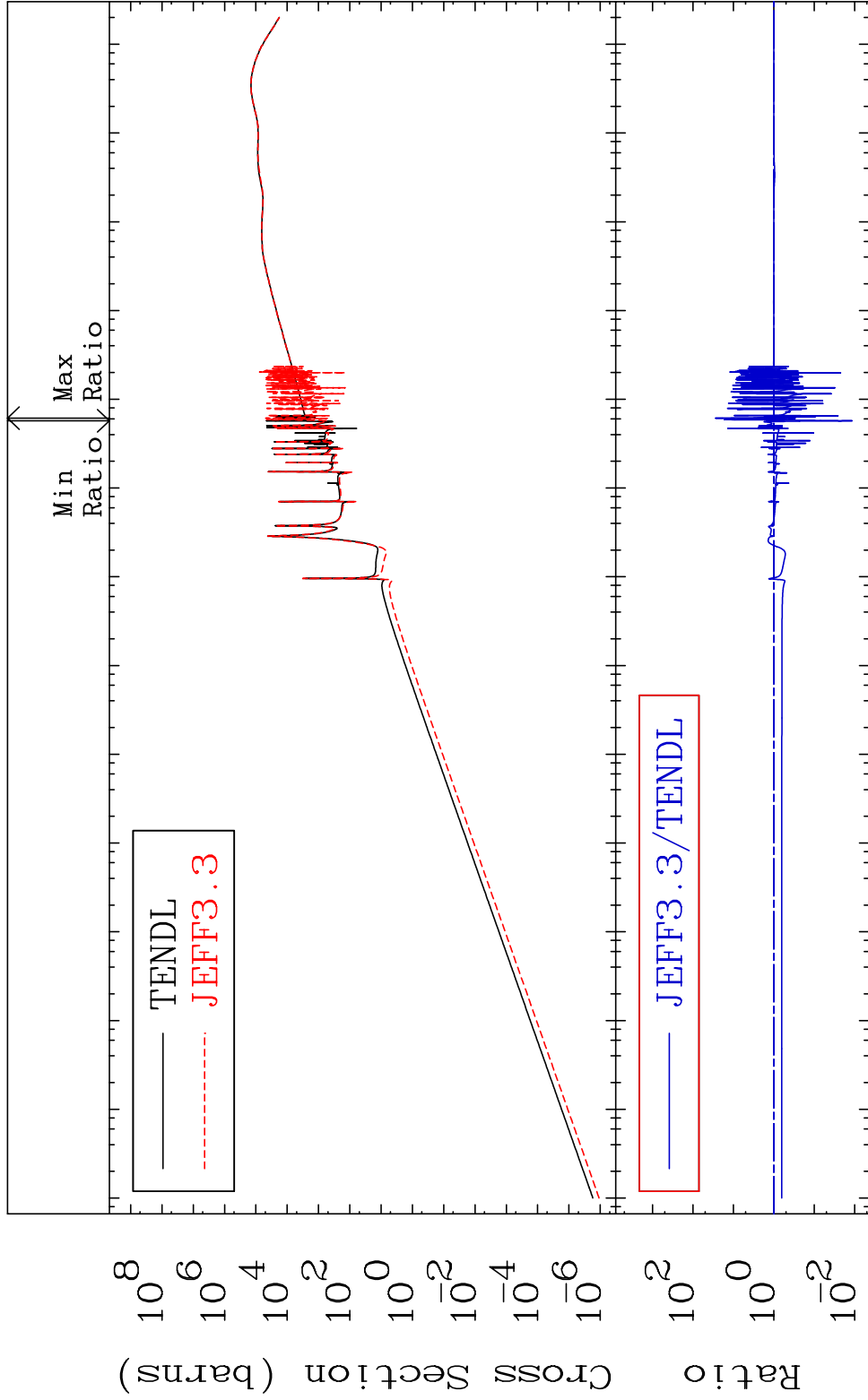
31-Ga-71

MAT 3131 Kerma total (eV-barns) 31-Ga-71  
 Cross Section -98.85 To 2654. %



MAT 3131

Kerma elastic Cross Section -98.85 To 2649. %  
31-Ga-71

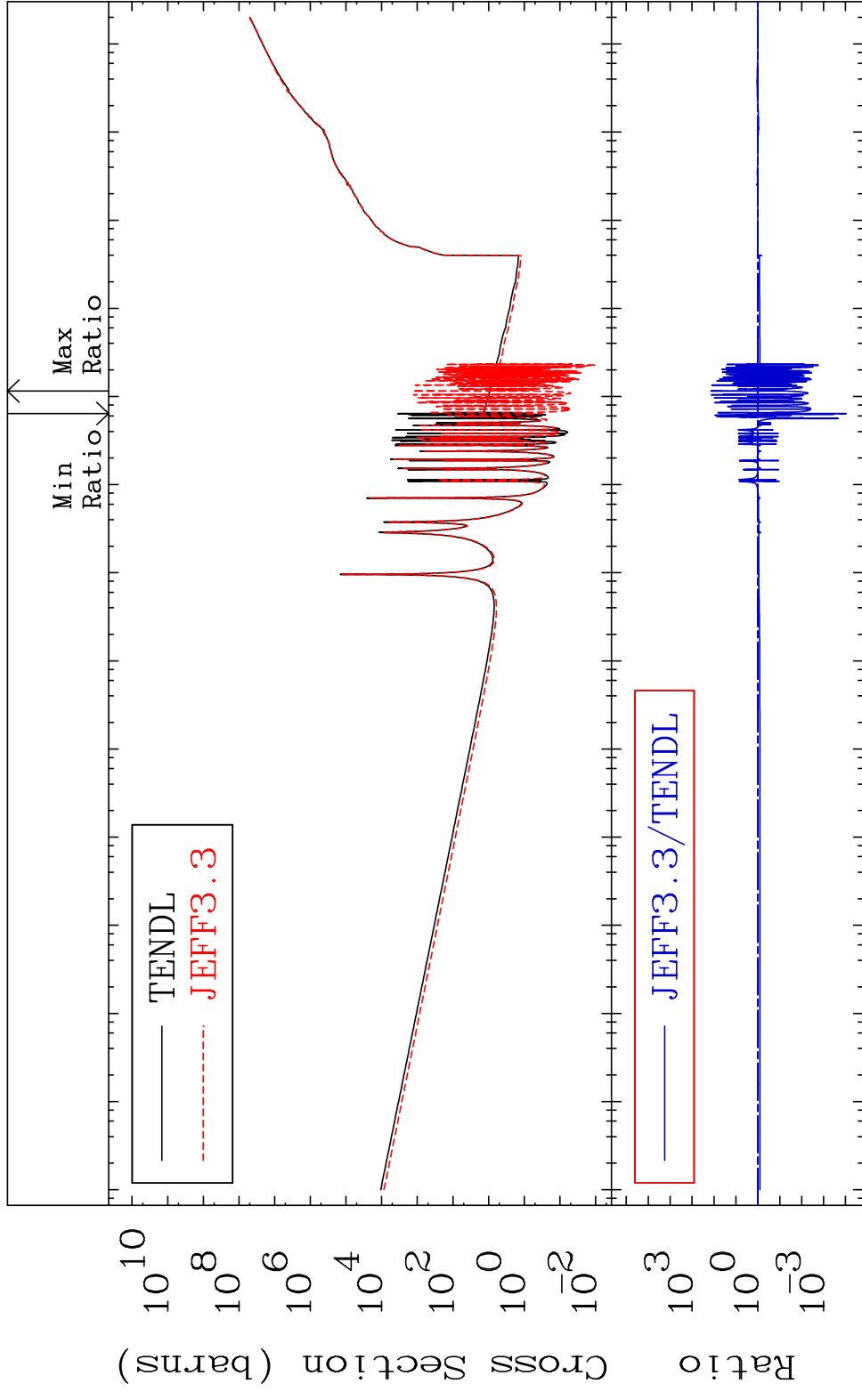


69

Incident Energy (eV)

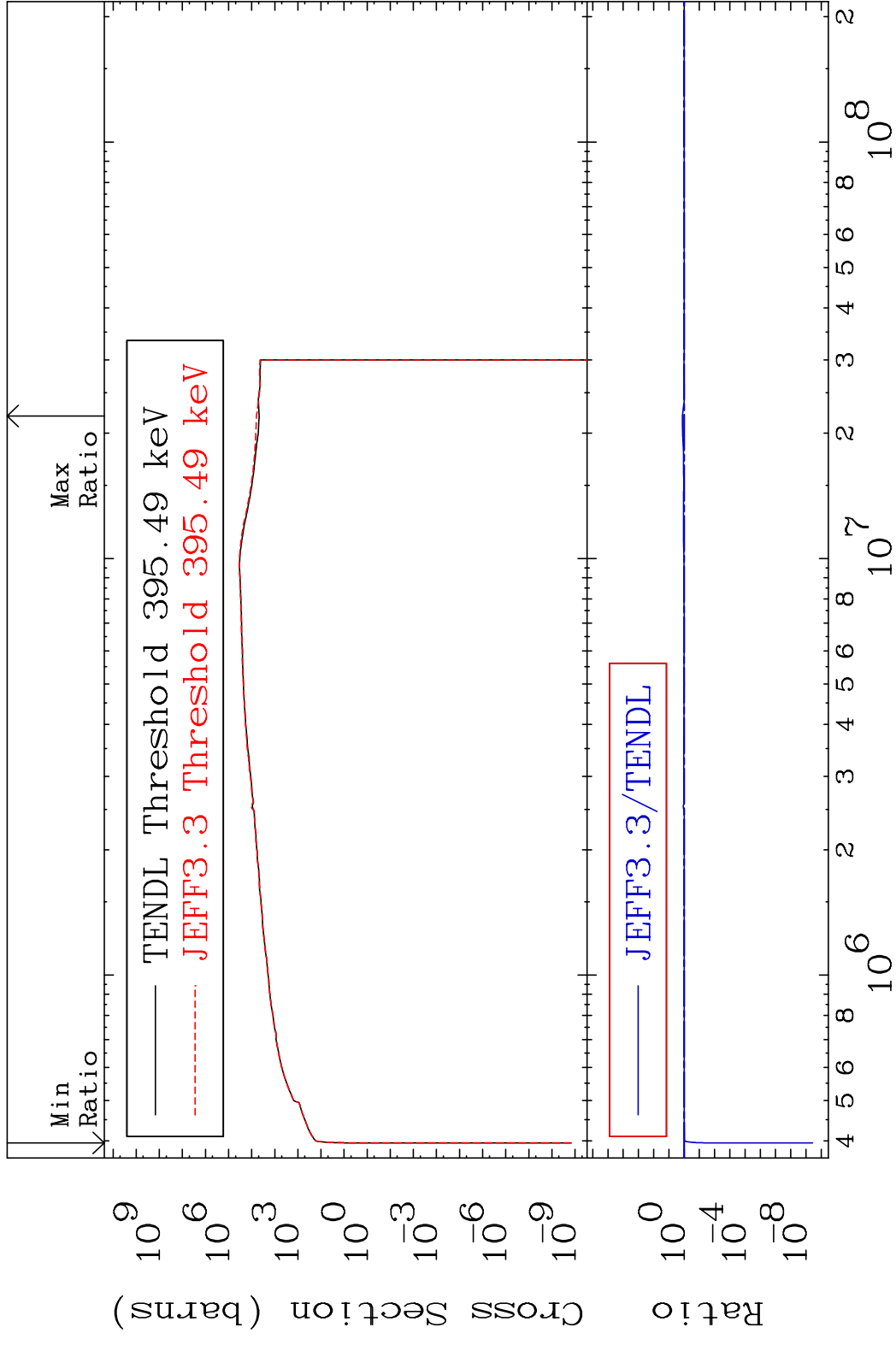
31-Ga-71

MAT 3131 Kerma non-elastic (all but mt2) 31-Ga-71  
 Cross Section -99.99 To 9999. %



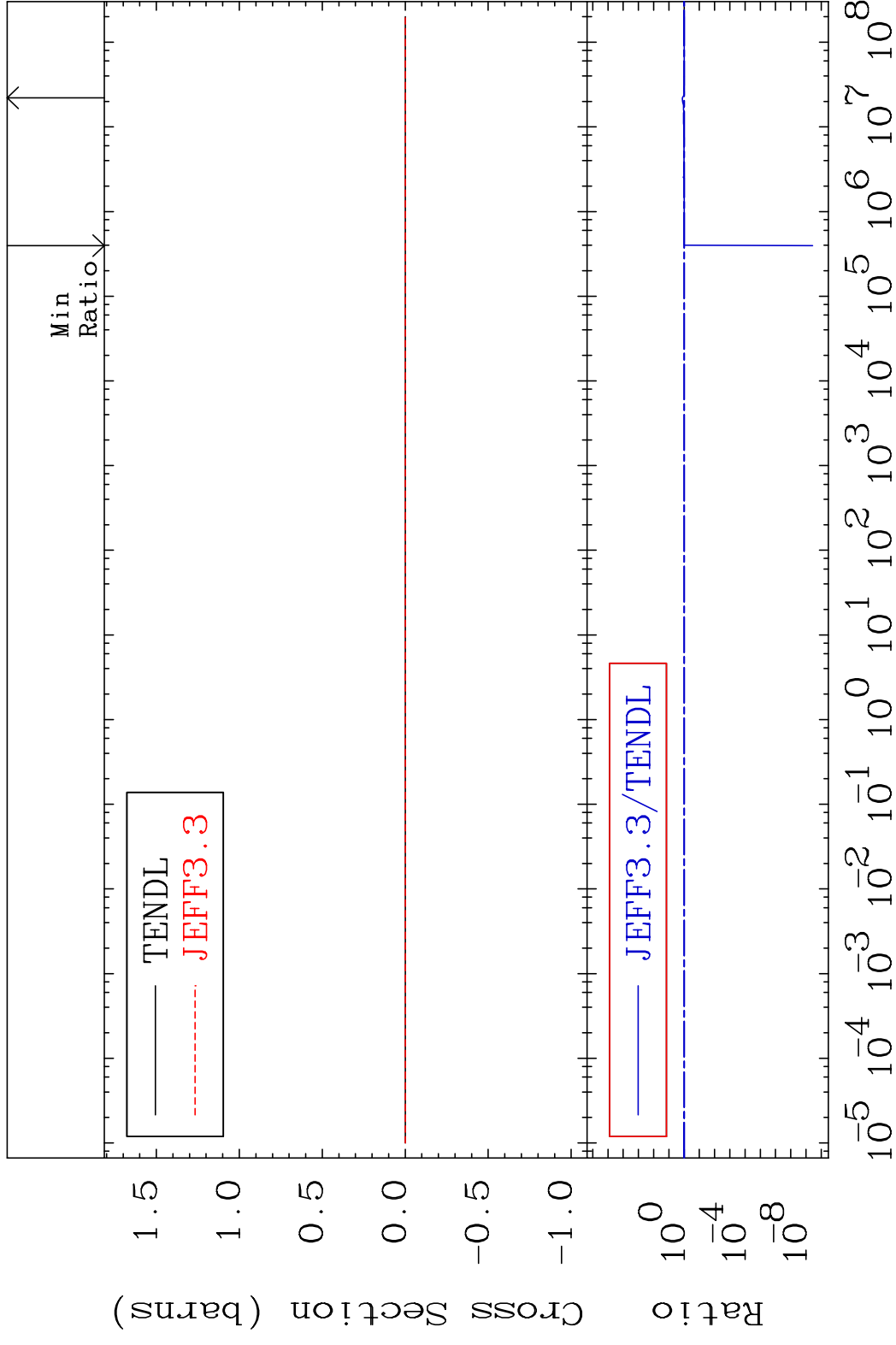
70 Incident Energy (eV) 31-Ga-71

MAT 3131 Kerma inelastic (mt51-91) 31-Ga-71  
 Cross Section -100.0 To 30.95 %





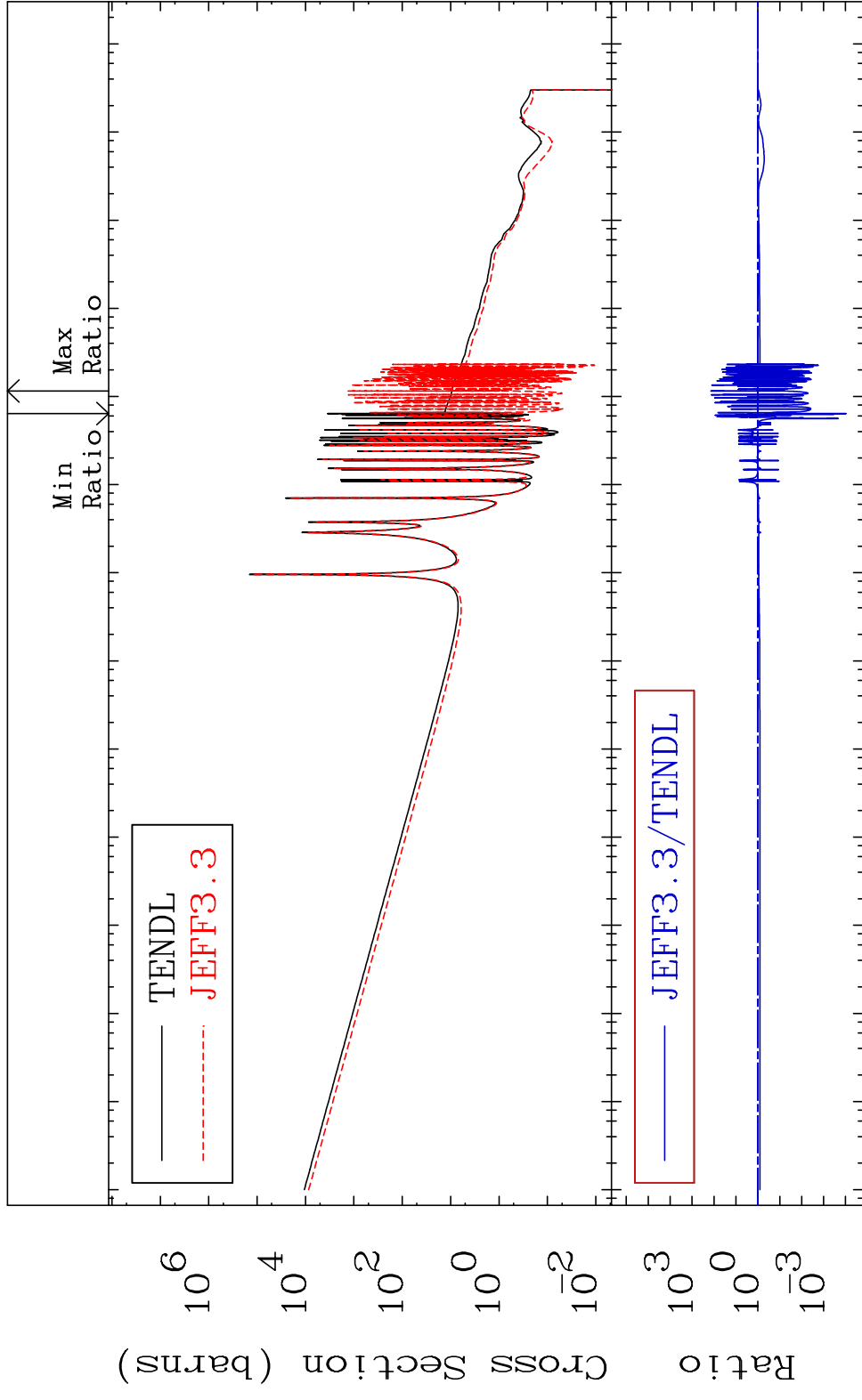
MAT 3131 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-71  
 Cross Section -100.0 To 30.95 %



MAT 3131

Kerma capture (mt102) 31-Ga-71

Cross Section -99.99 To 9999. %

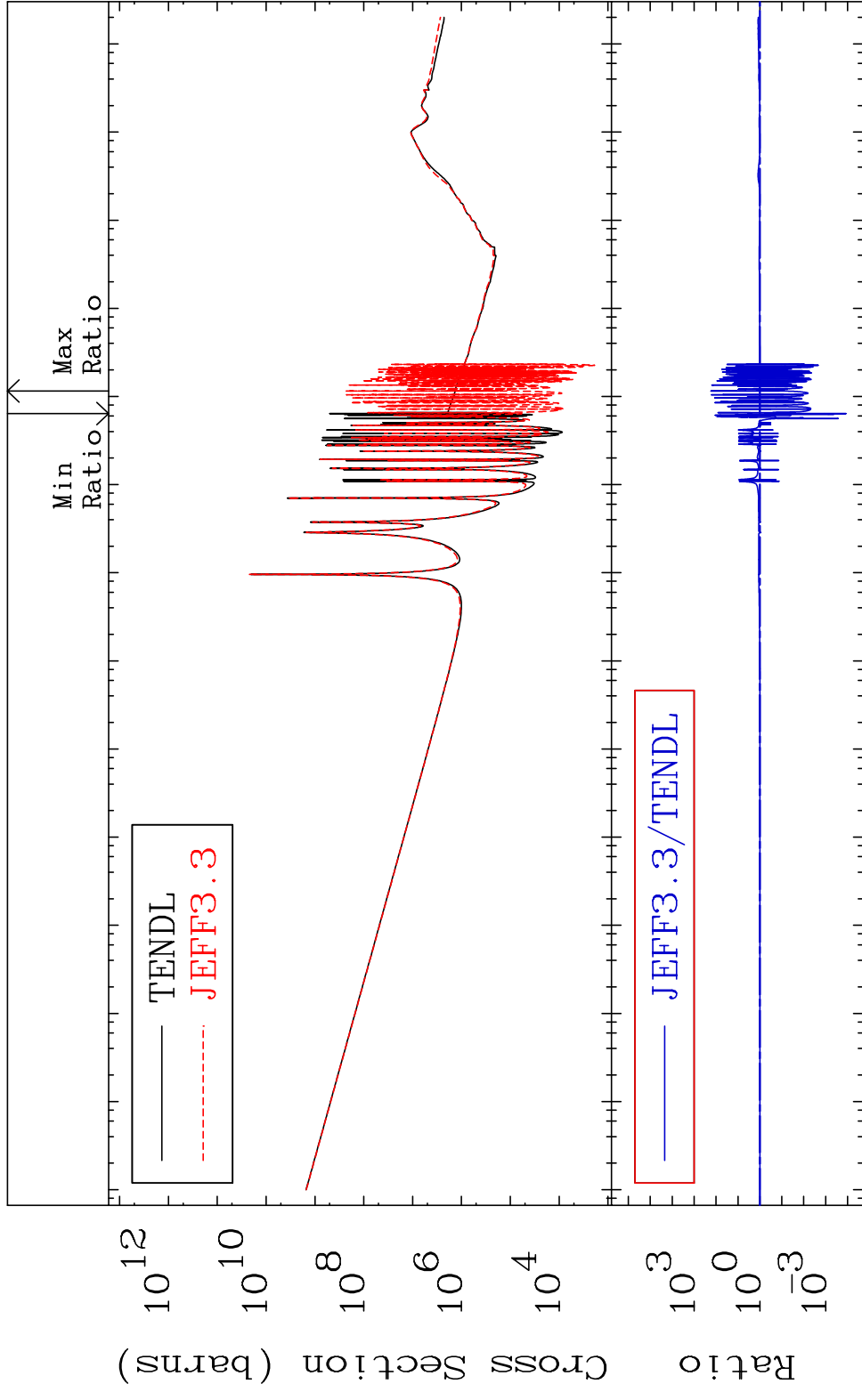


73

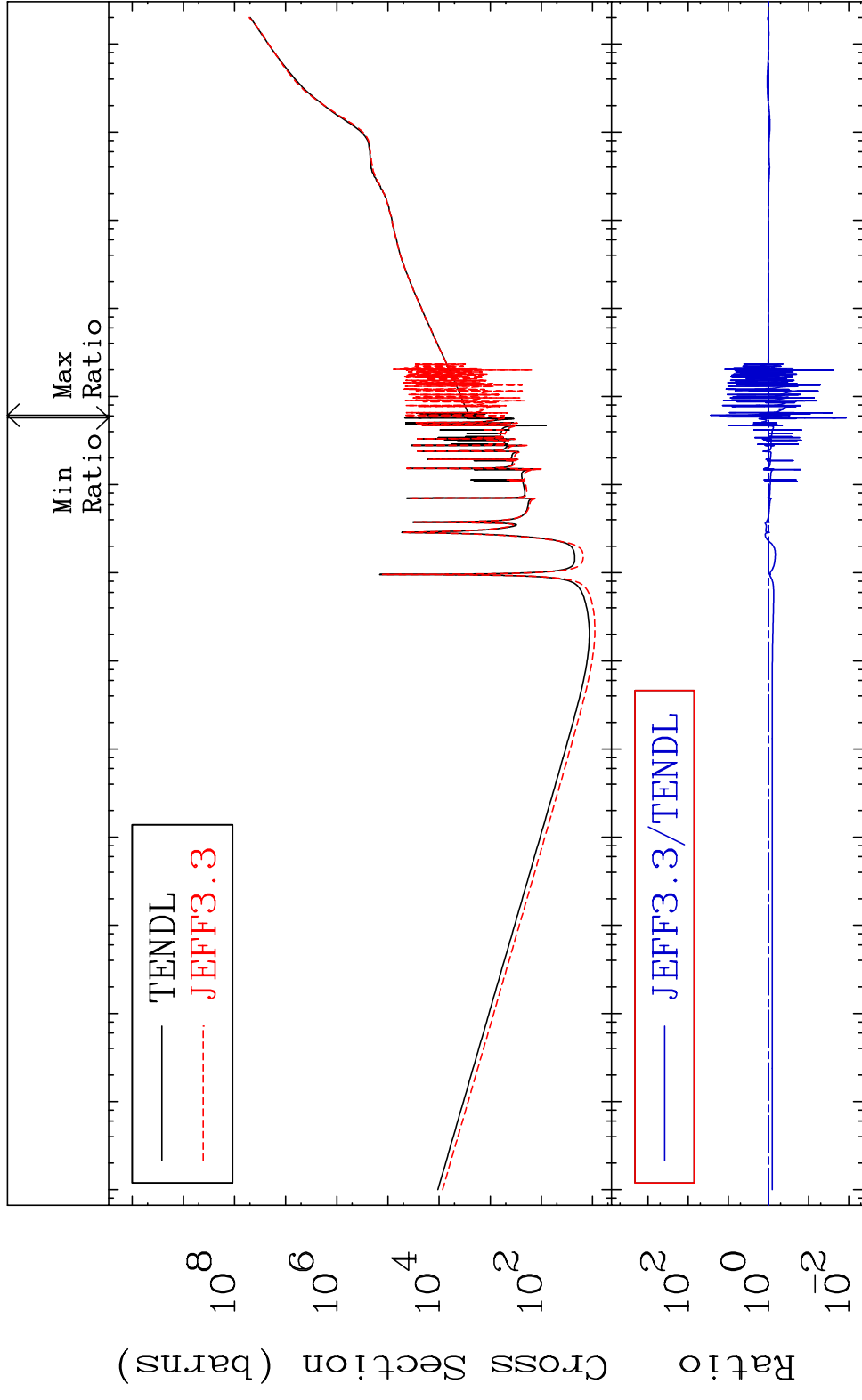
Incident Energy (eV)

31-Ga-71

MAT 3131 Total photon (eV-barns) 31-Ga-71  
 Cross Section -99.99 To 9999. %



MAT 3131 Total kinematic kerma (high limit) 31-Ga-71  
 Cross Section -98.85 To 2654. %

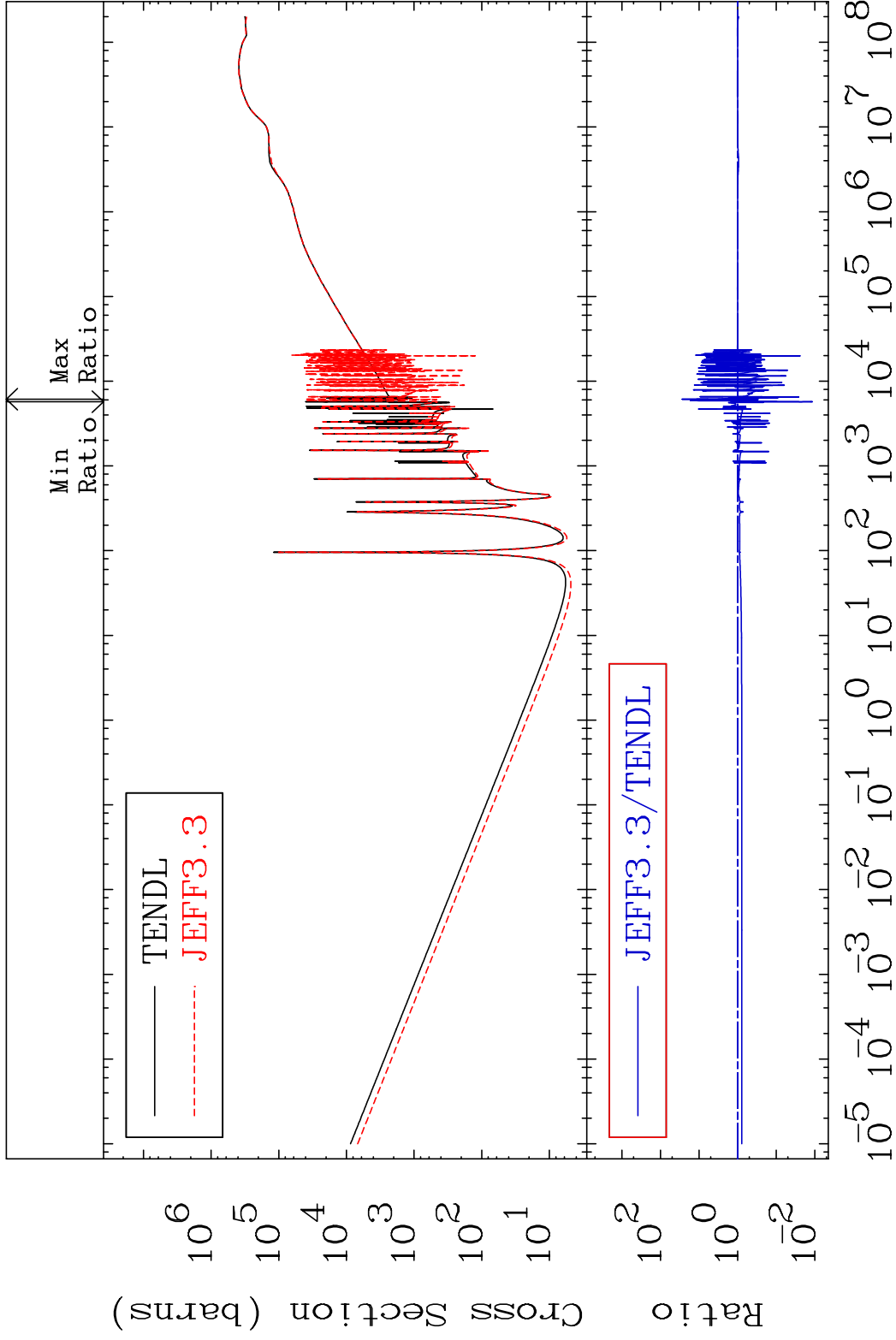


MAT 3131

Dpa total (eV-barns)

31-Ga-71

Cross Section -98.85 To 2654. %



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Incident Energy (eV)

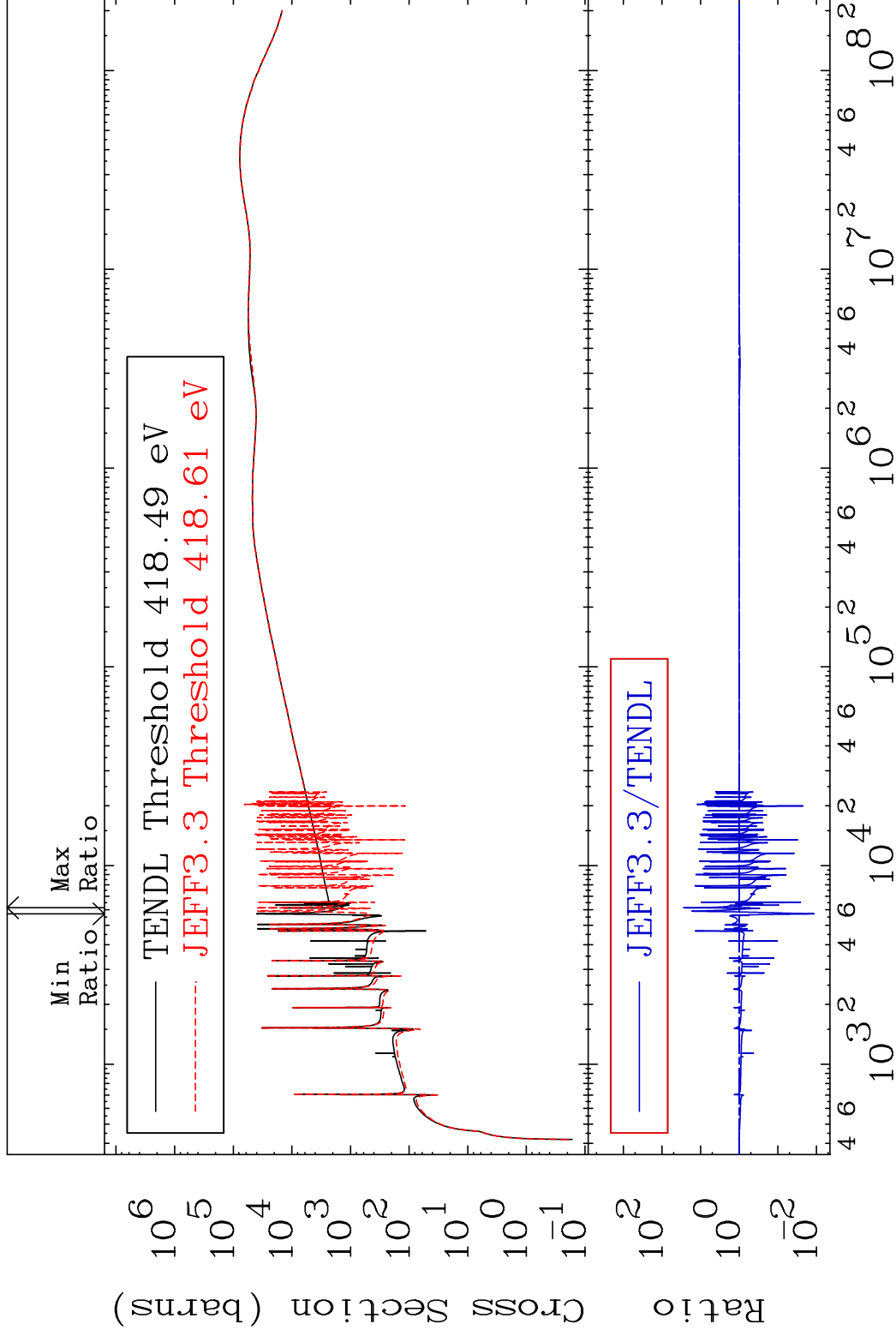
31-Ga-71

MAT 3131

Dpa elastic (mt2)

31-Ga-71

Cross Section -98.85 To 2649. %

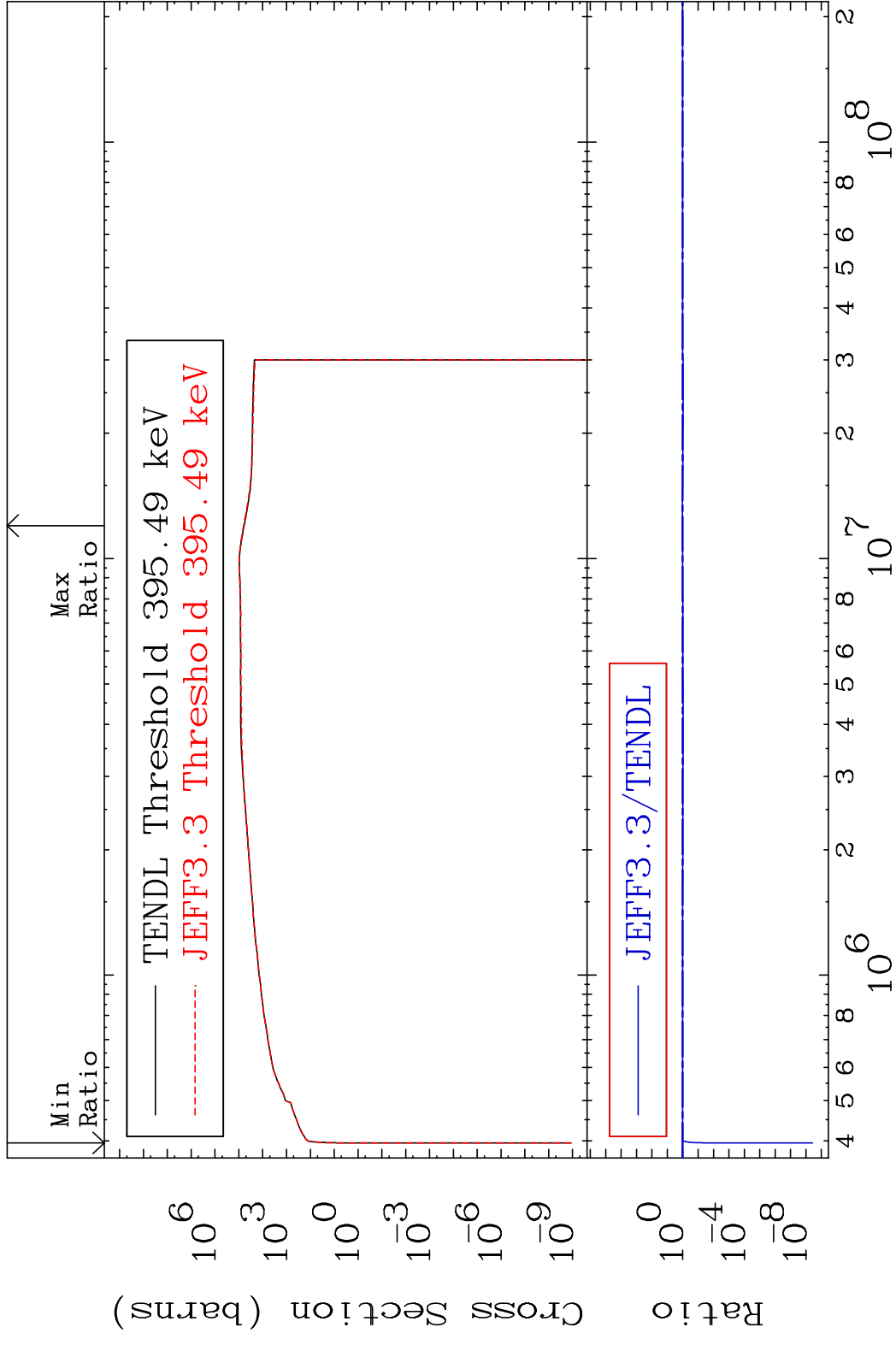


77

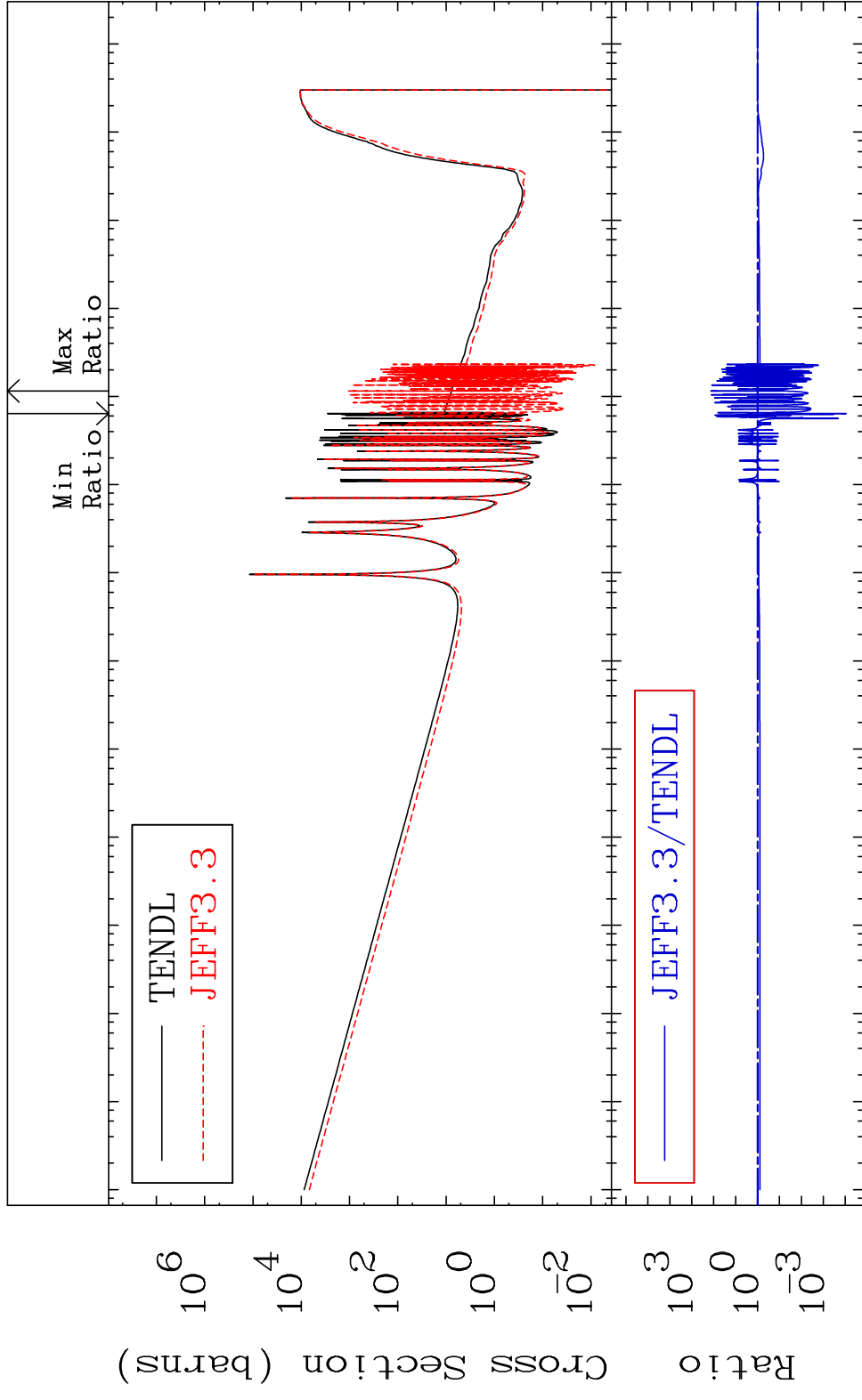
Incident Energy (eV)

31-Ga-71

MAT 3131 Dpa inelastic (mt51-91) 31-Ga-71  
 Cross Section -100.0 To 5.643 %

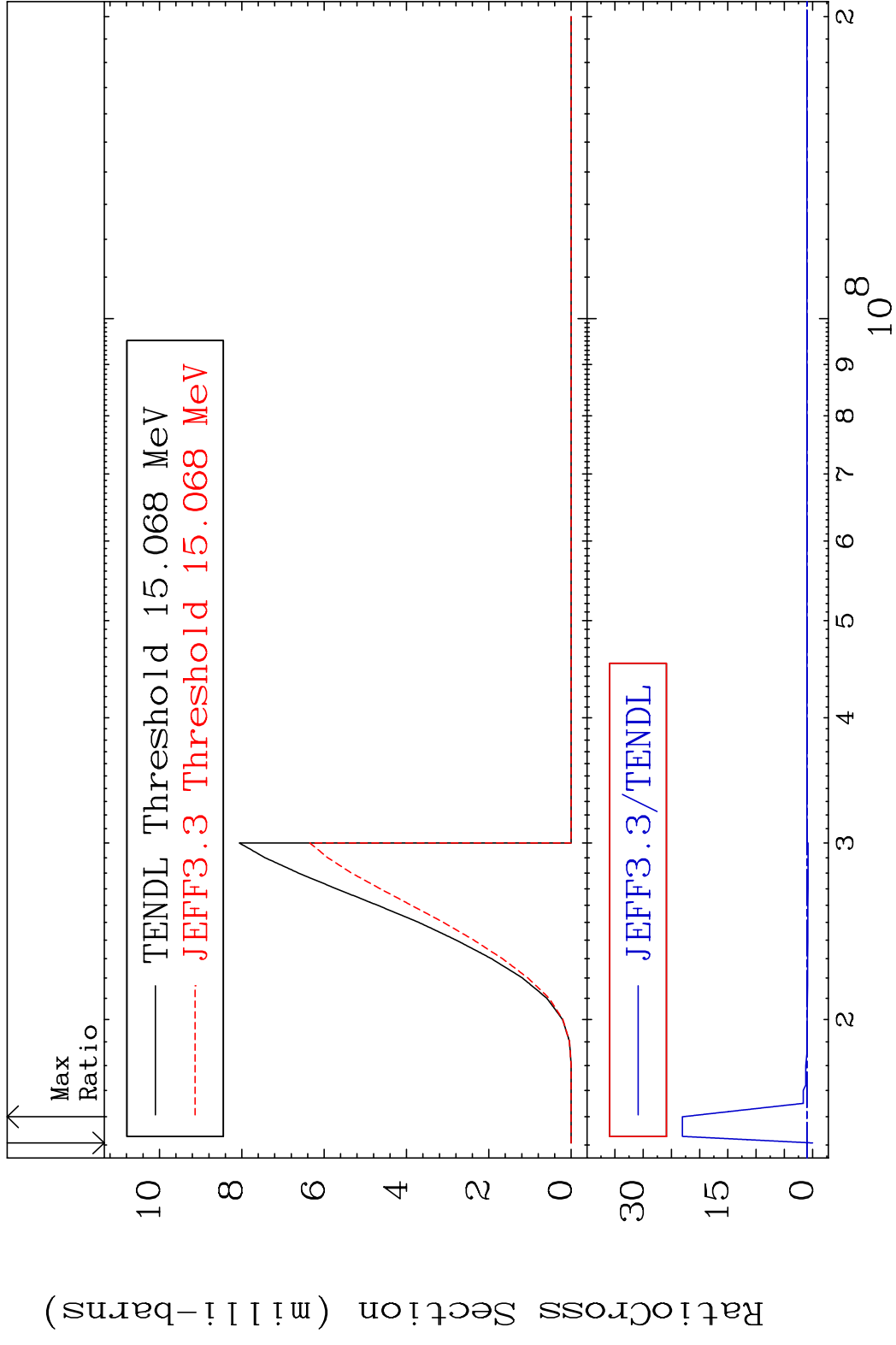


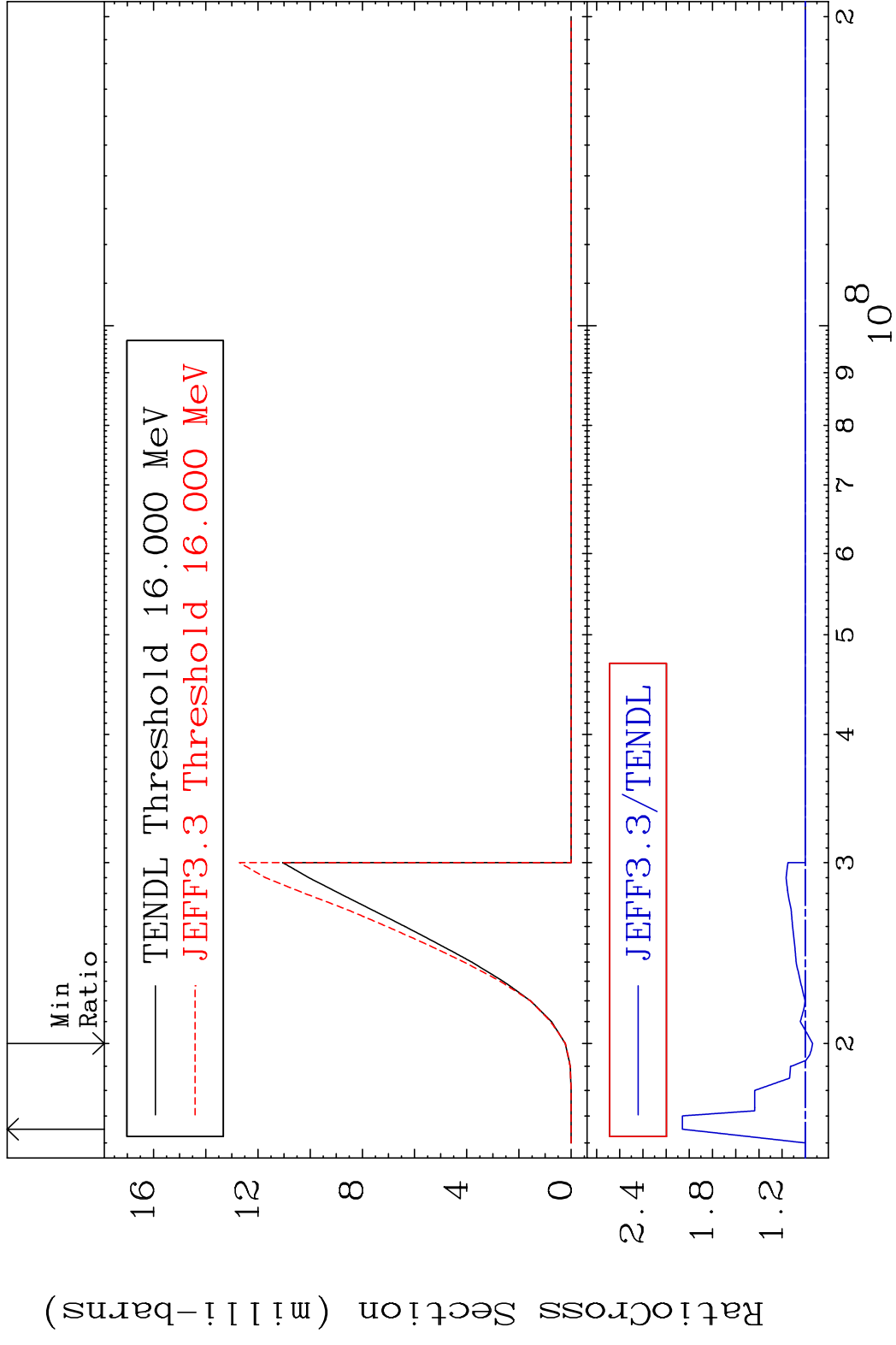
MAT 3131 Dpa disappearance (mt102 -120) 31-Ga-71  
 Cross Section -99.99 To 9999. %

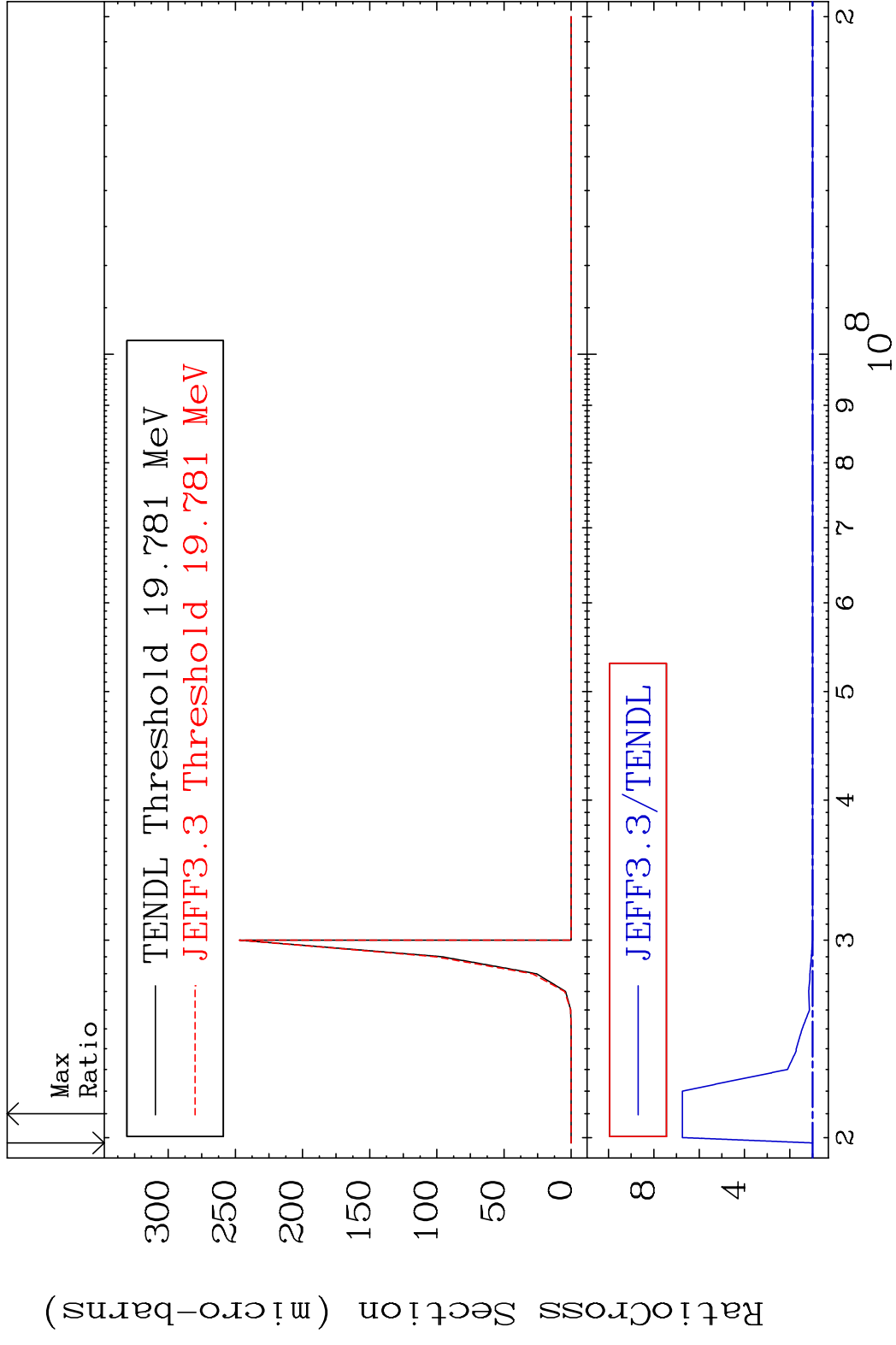


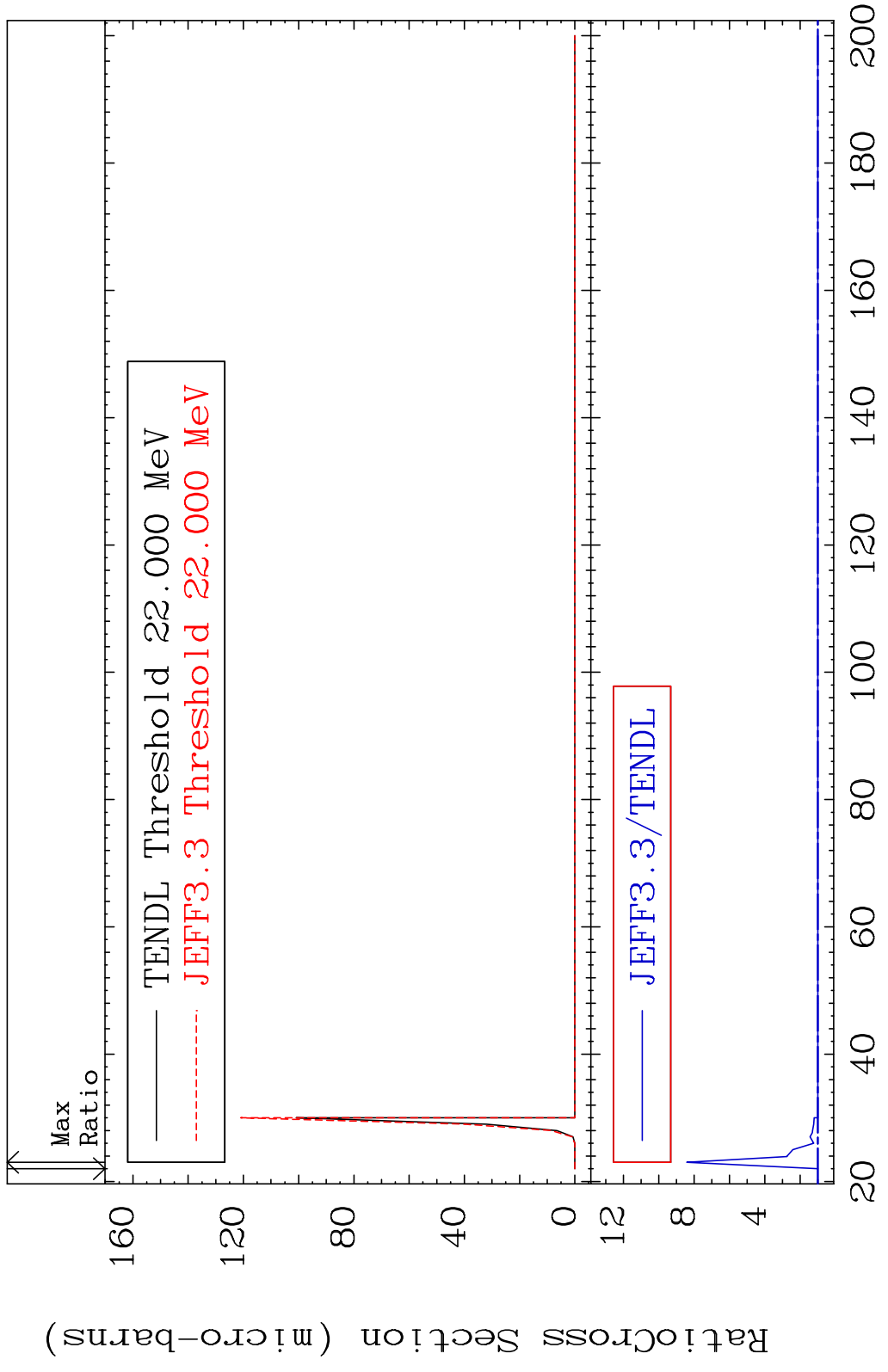


MAT 3131 (n, n') d:30-Zn-69g 31-Ga-71  
 Radionuclide Production Cross Section Ratio 2207. %

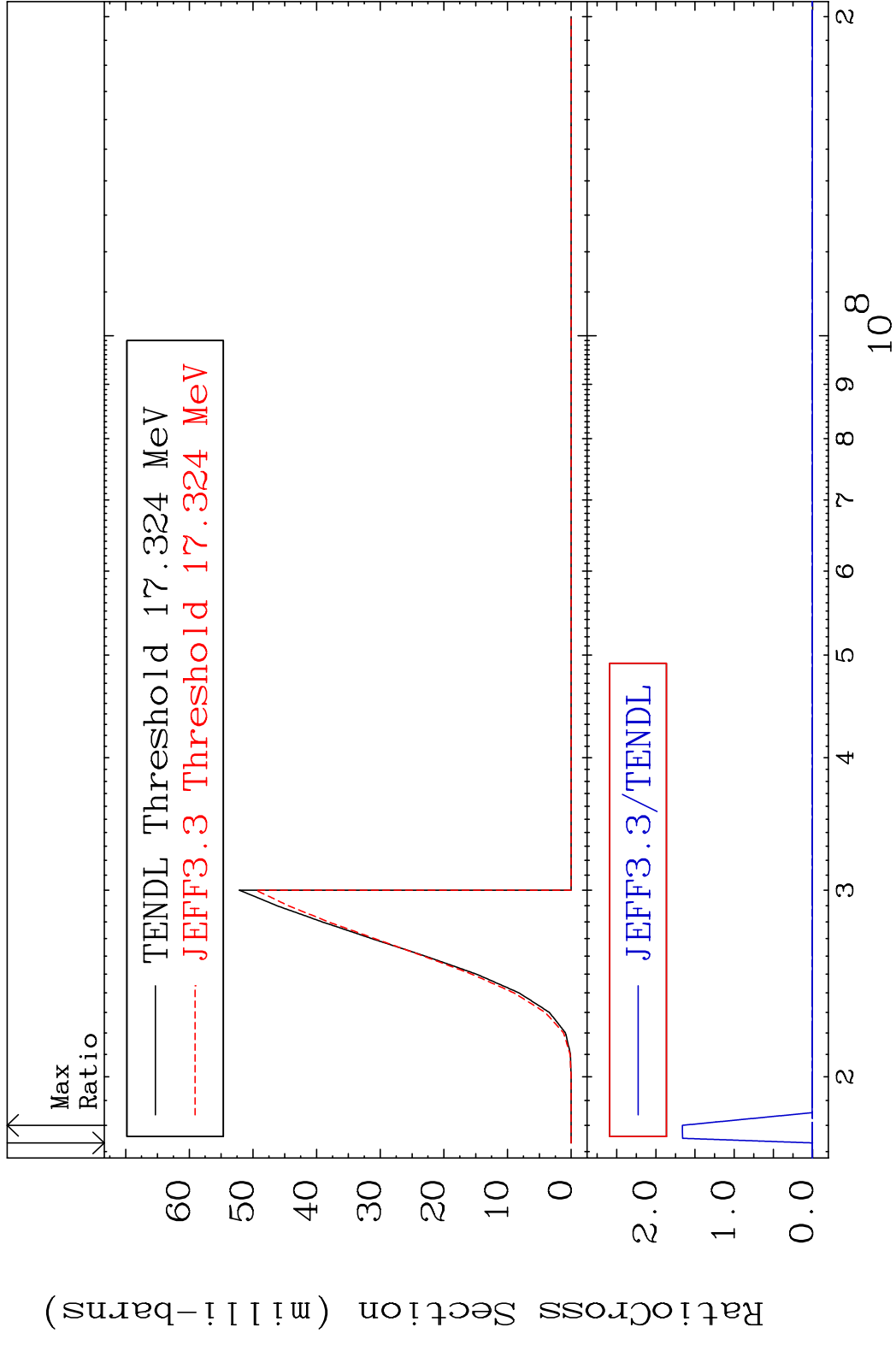


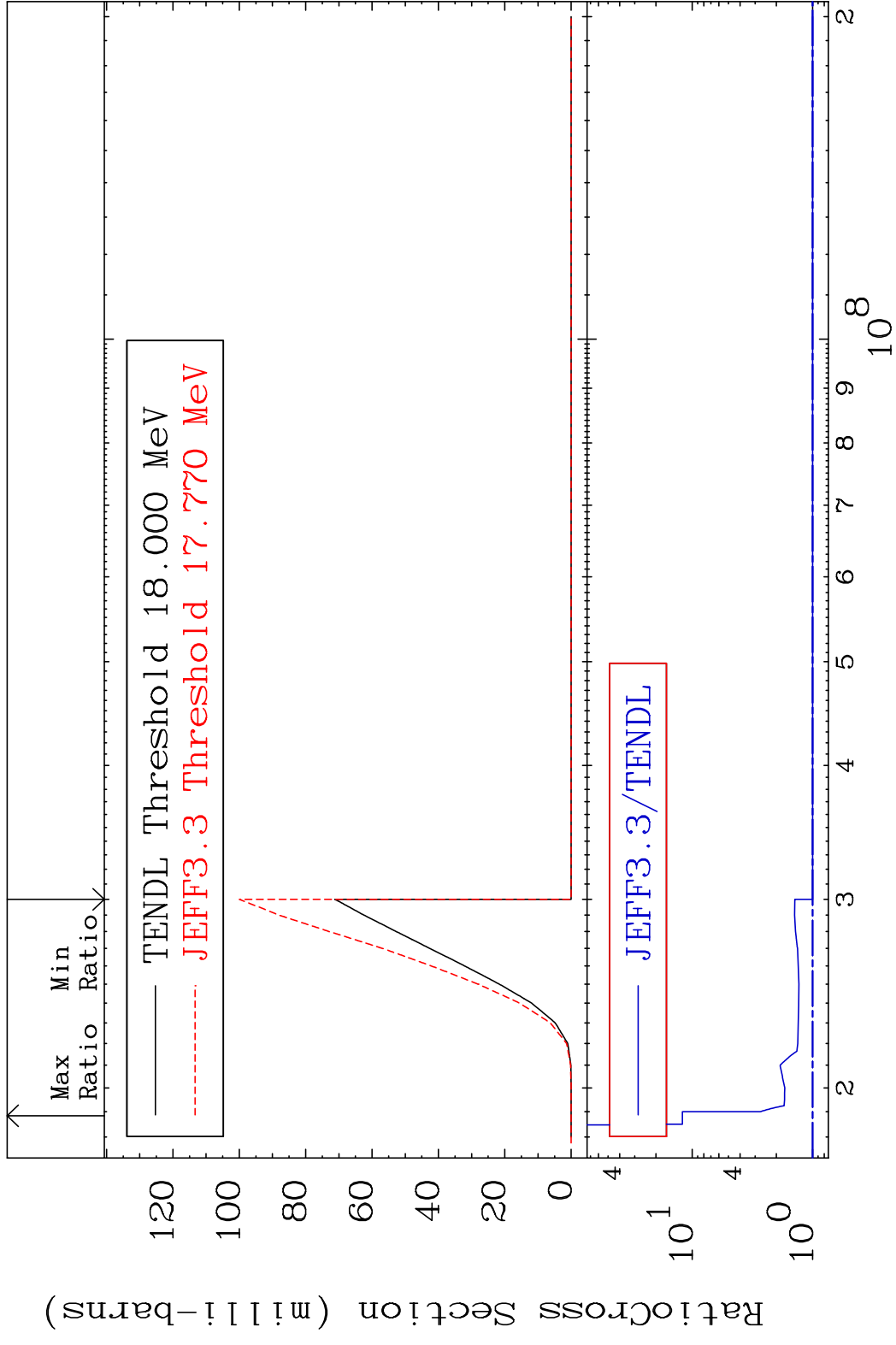




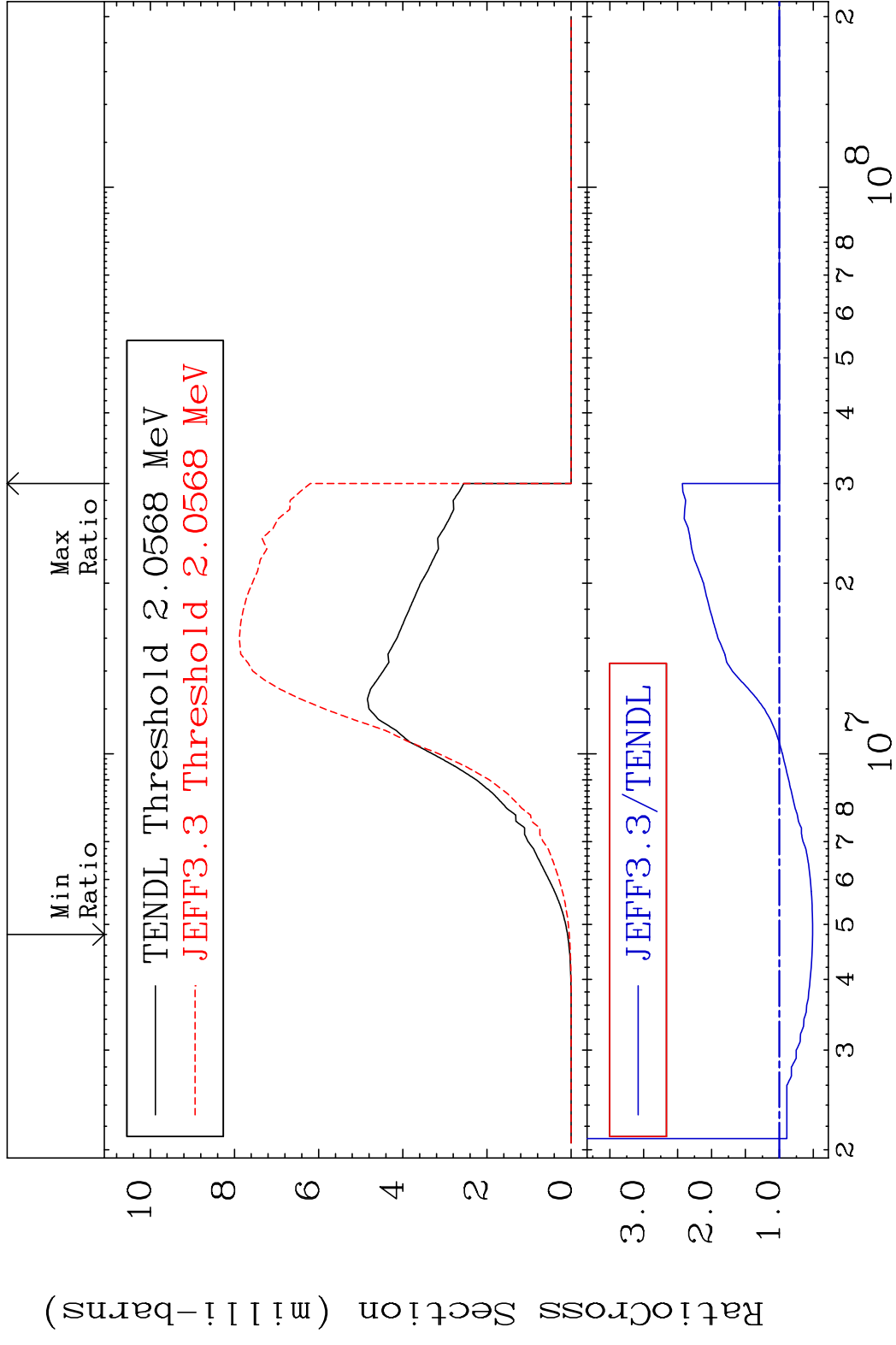


MAT 3131 (n,2n) p:30-Zn-69g 31-Ga-71  
 Radionuclide Production Cross Section 100.00 %

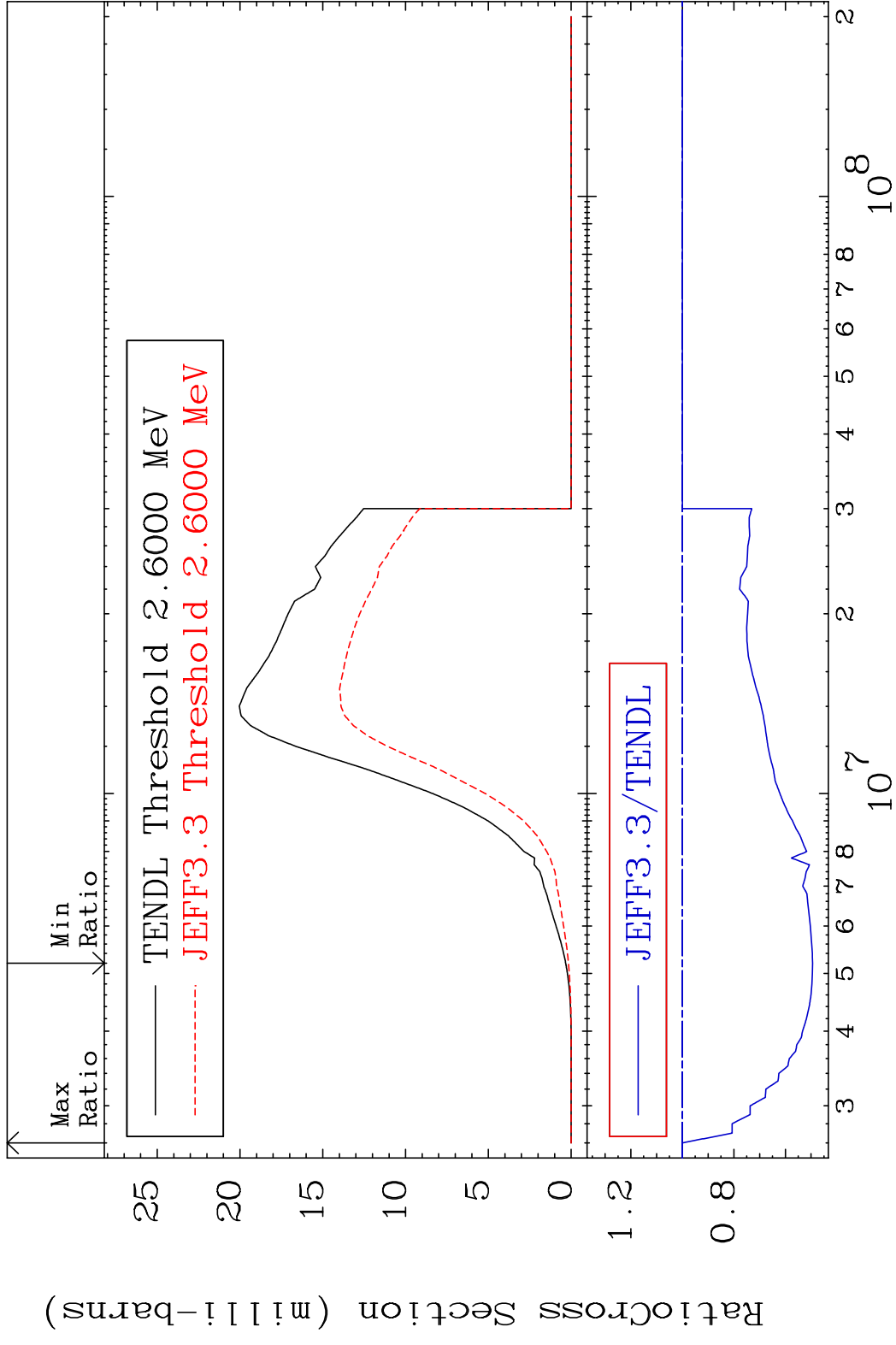




MAT 3131 (n, p):30-Zn-71g 31-Ga-71  
 Radionuclide Production Cross Section 48.97 dpo 143.0 %

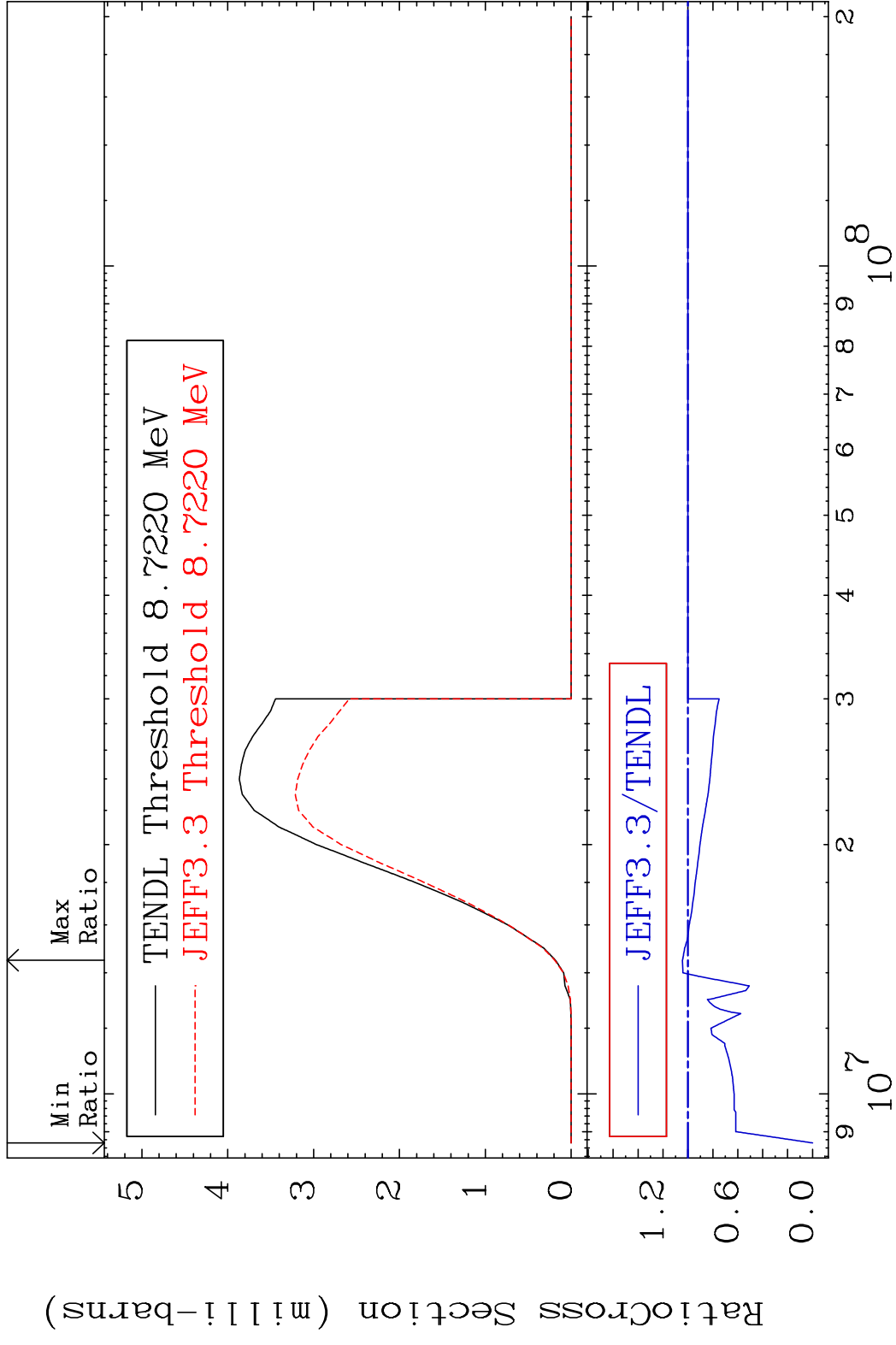


MAT 3131 (n,p):30-Zn-71m1 31-Ga-71  
 Radionuclide Production Cross Section 0.000 %

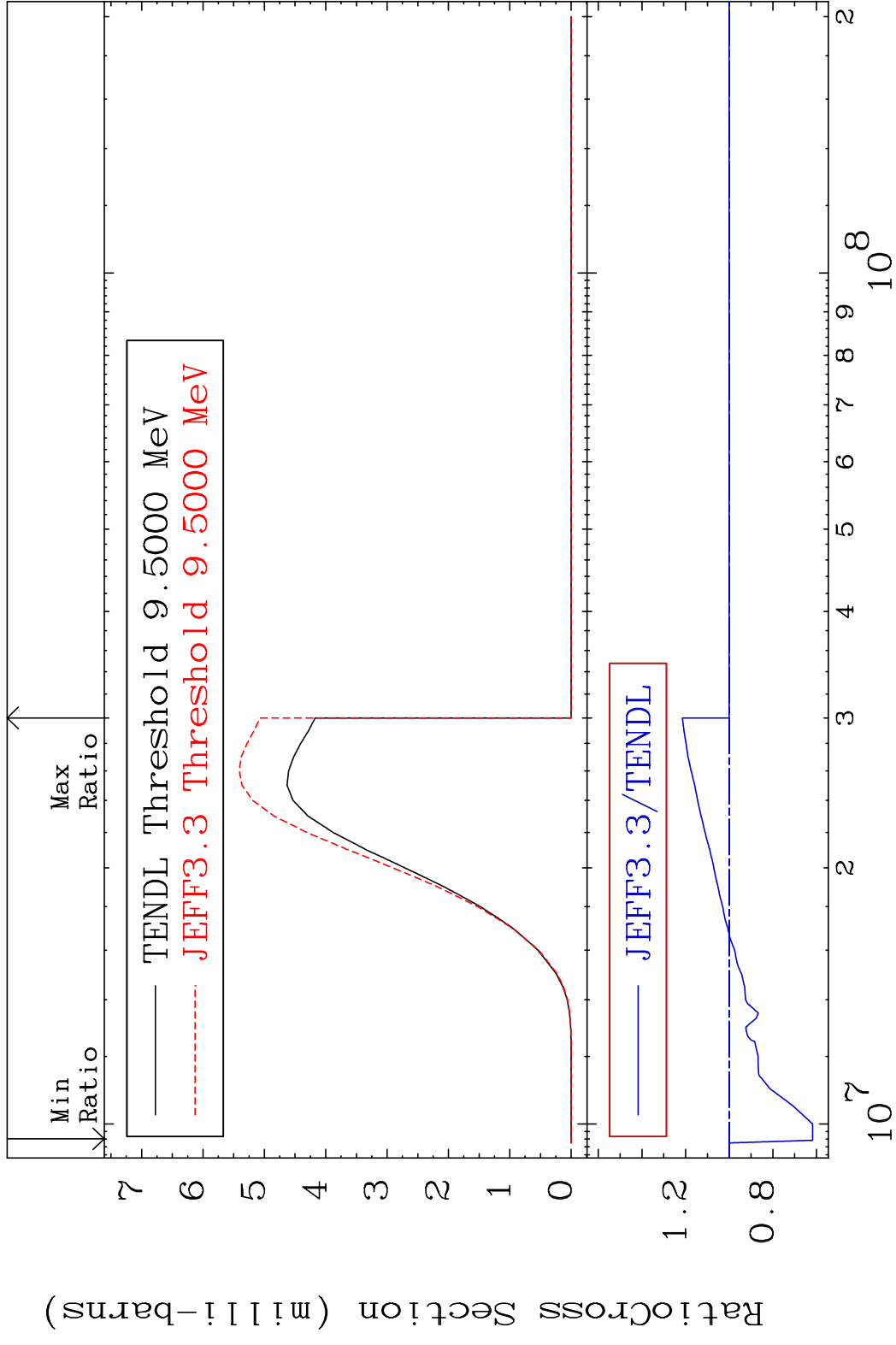




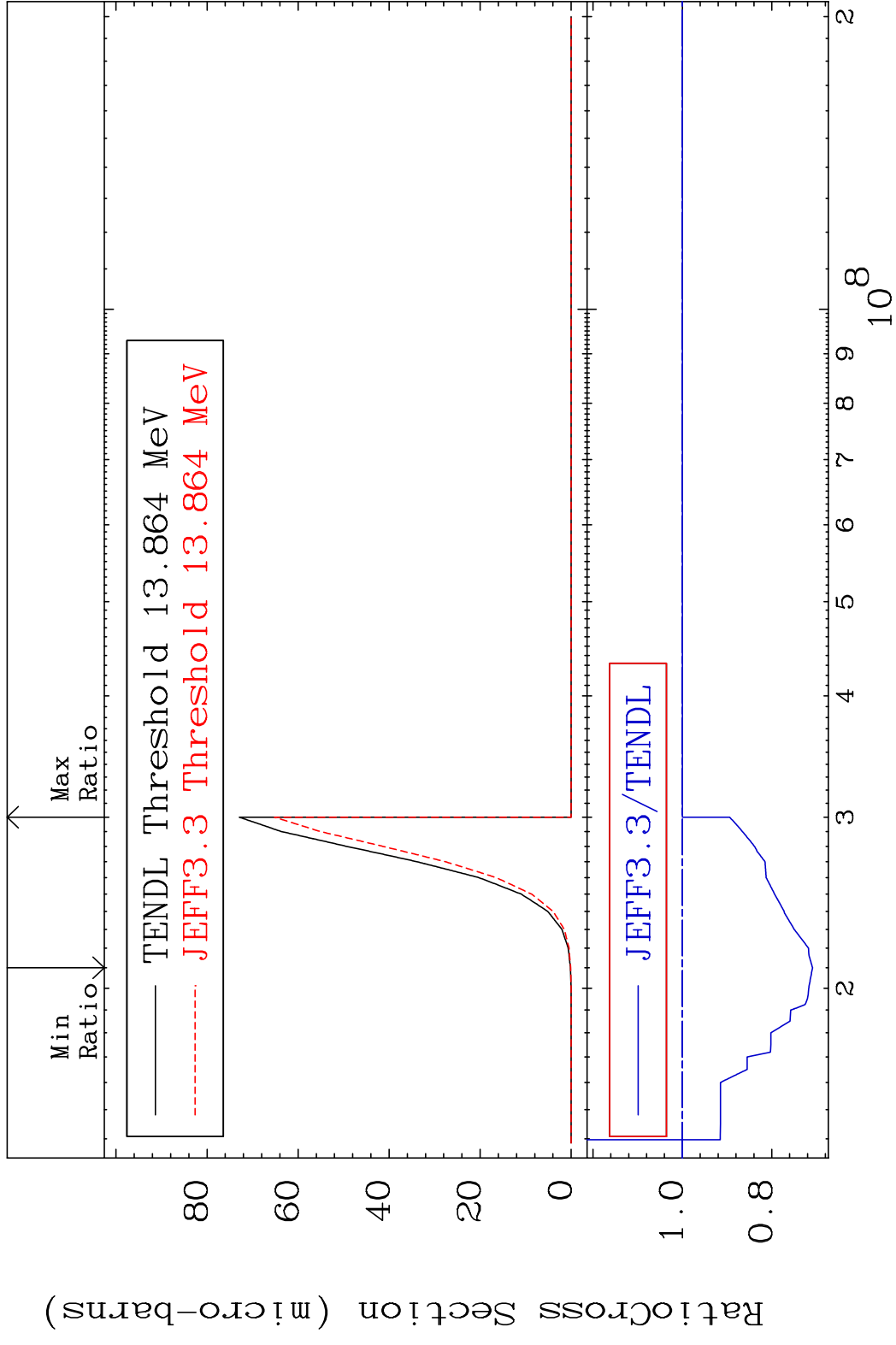
MAT 3131 (n, t):30-Zn-69g 31-Ga-71  
 Radionuclide Production Cross Section 180.01 dpo 4.467 %



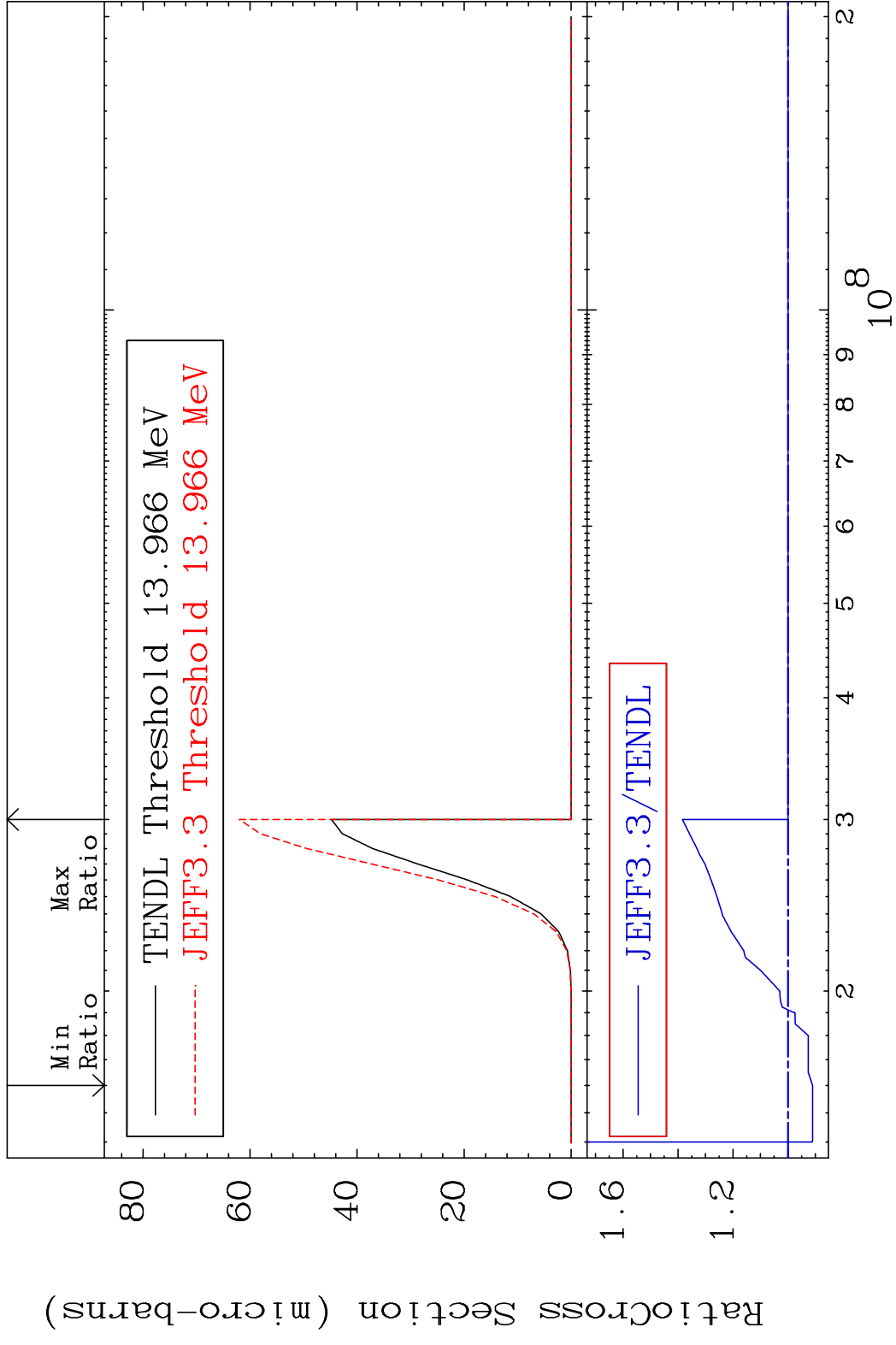
MAT 3131 (n, t):30-Zn-69m1 31-Ga-71  
 Radionuclide Production Cross Section 21.49 %

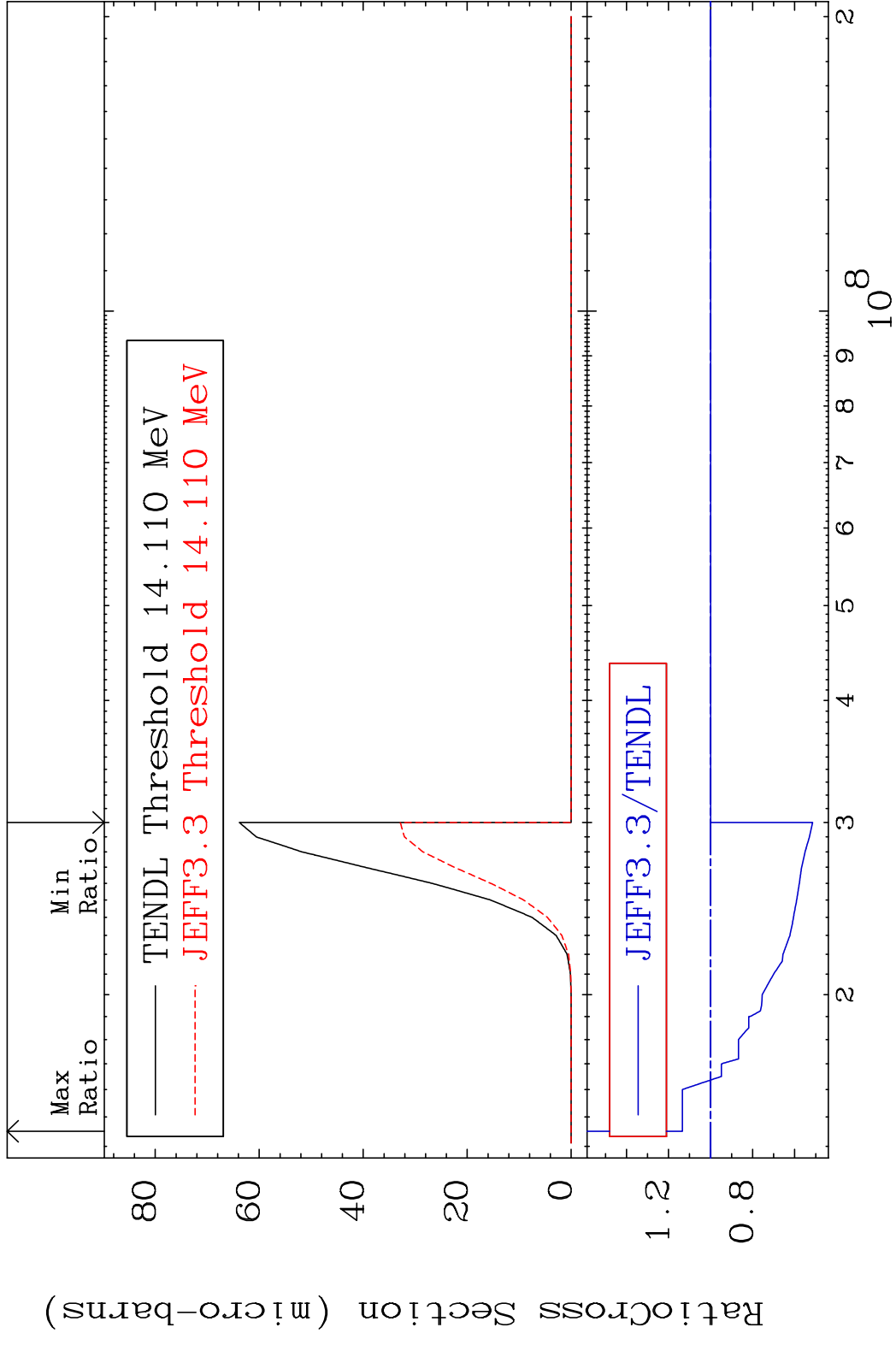


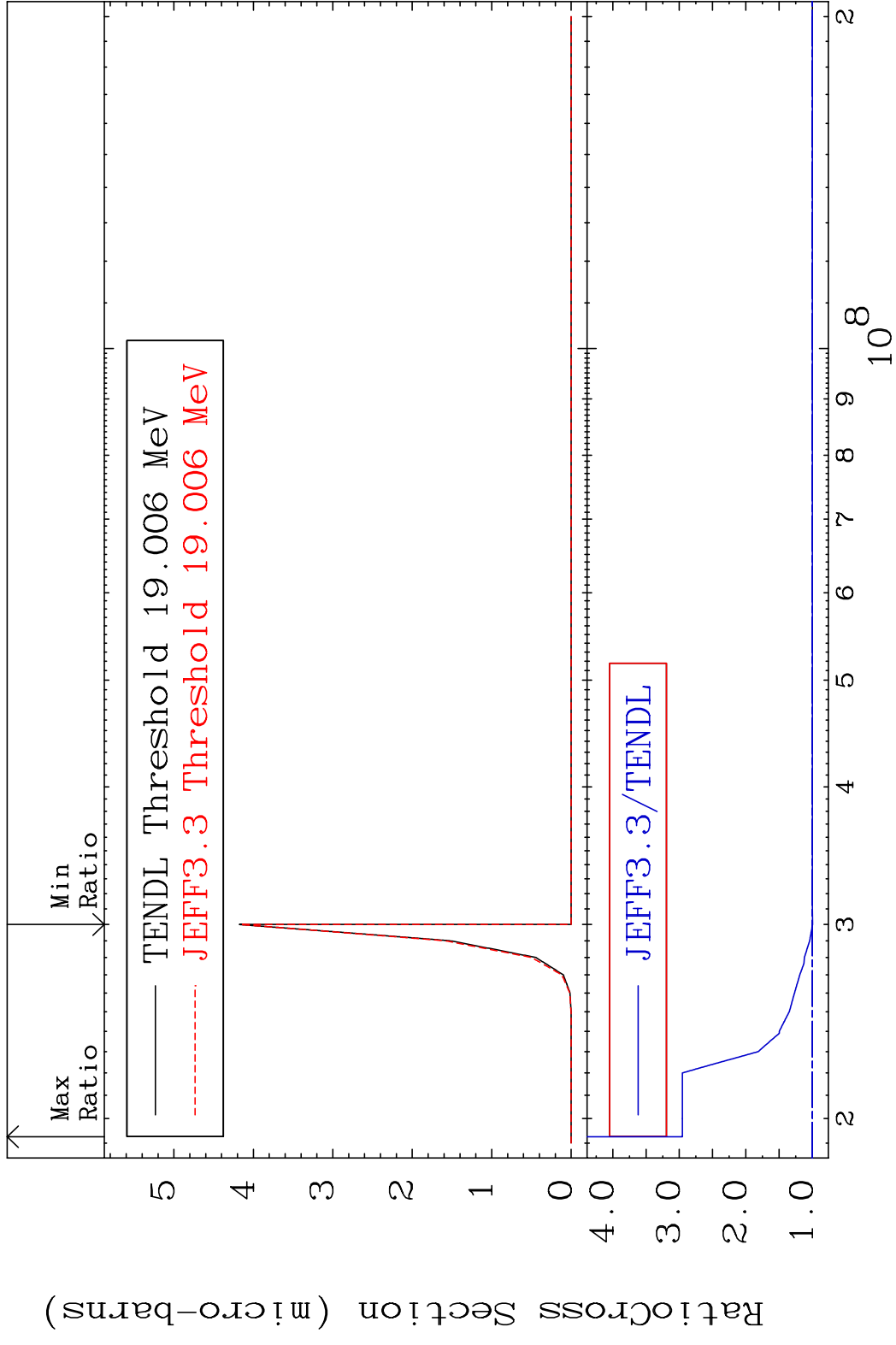
MAT 3131 (n,2p) : 29-Cu-70g 31-Ga-71  
 Radionuclide Production Cross Section 0.000 %



MAT 3131 (n,2p):29-Cu-70m1 31-Ga-71  
 Radionuclide Production Cross Section 38.41 %







MAT 3131 (n,p) t:29-Cu-68m3 31-Ga-71  
 Radionuclide Production Cross Section 830.7 %

