

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

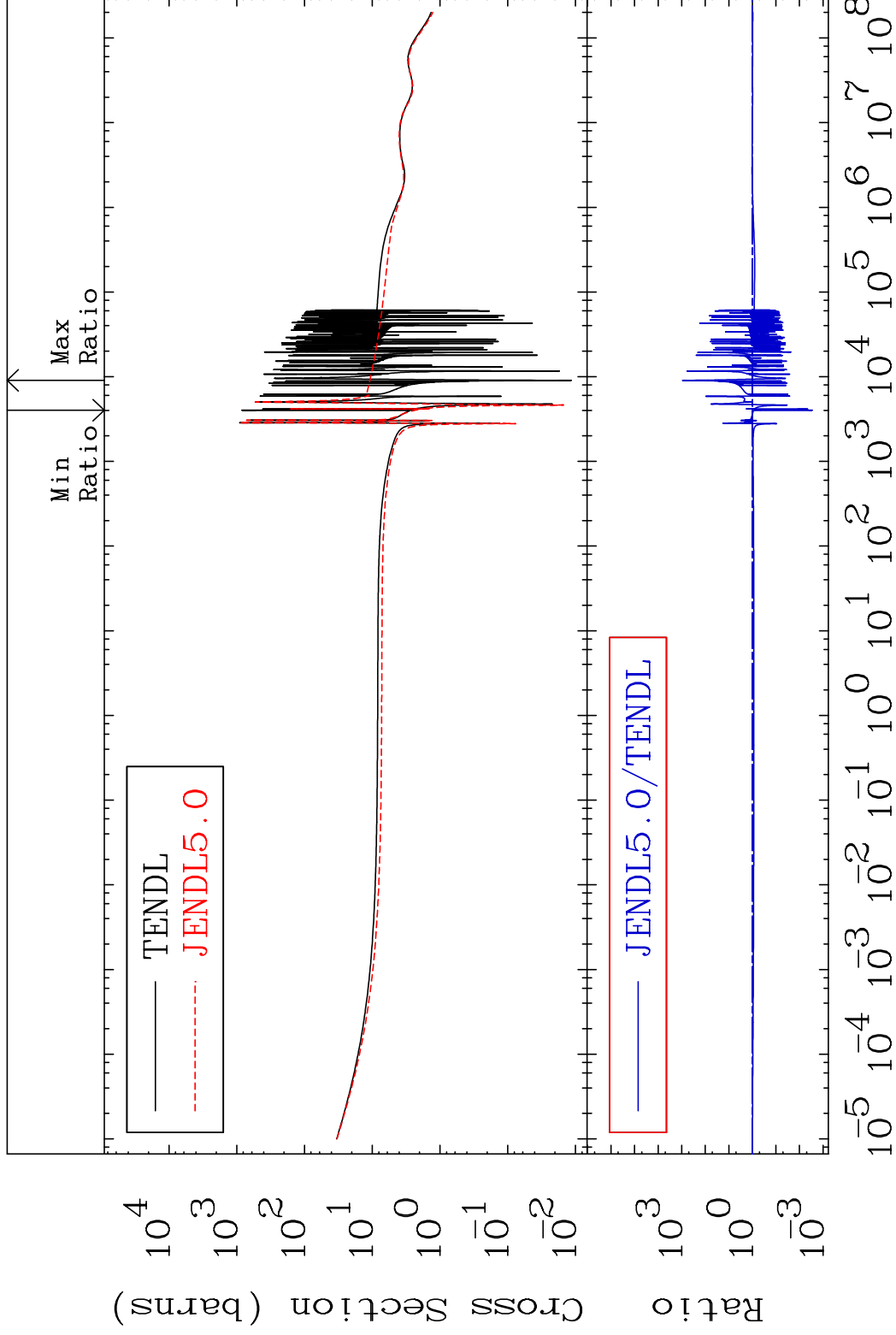
MAT 3237

Total

32-Ge-74

Cross Section

-99.72 To 9999. %



1

Incident Energy (eV)

32-Ge-74

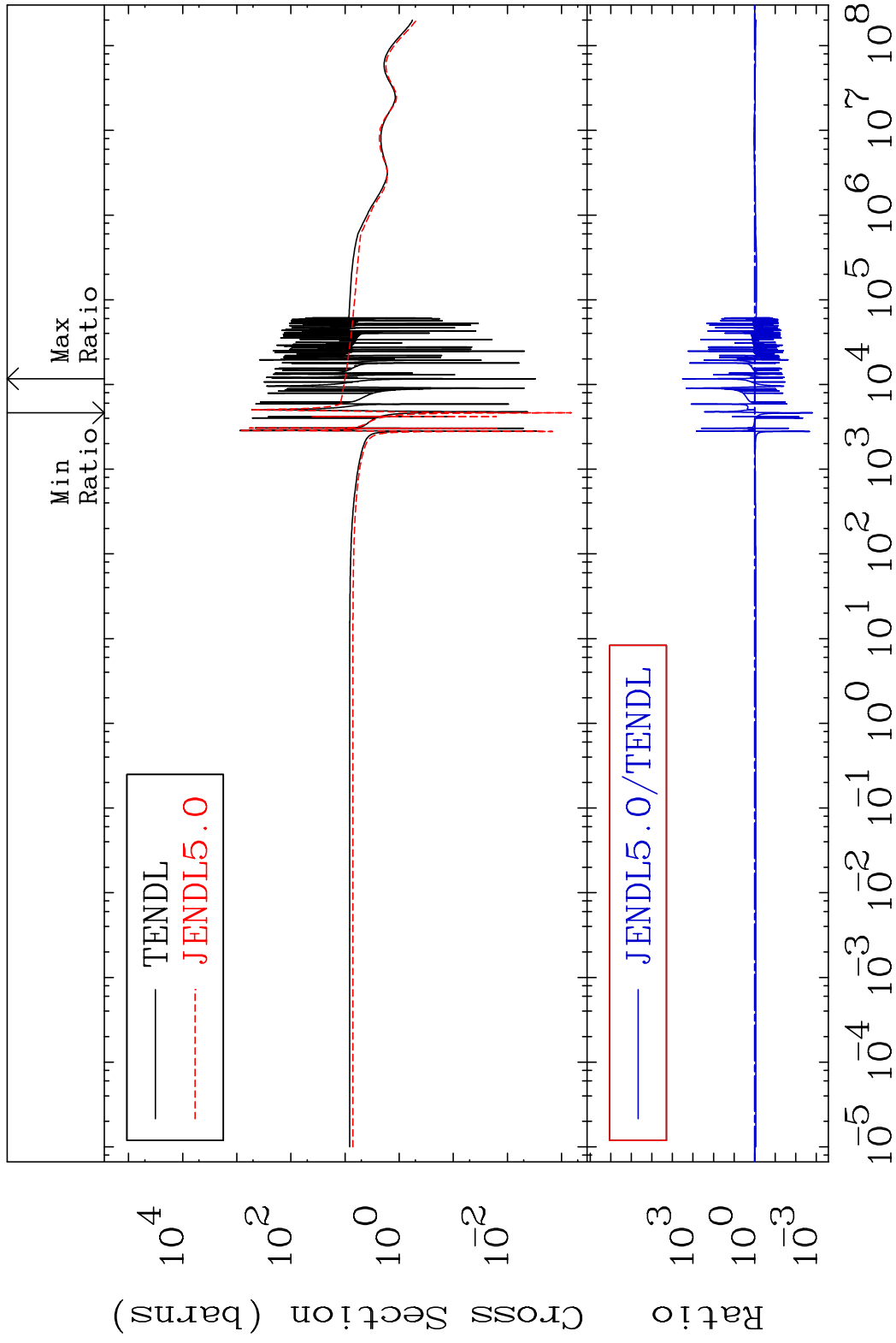
MAT 3237

Elastic

32-Ge-74

Cross Section

-99.85 To 9999. %



2

Incident Energy (eV)

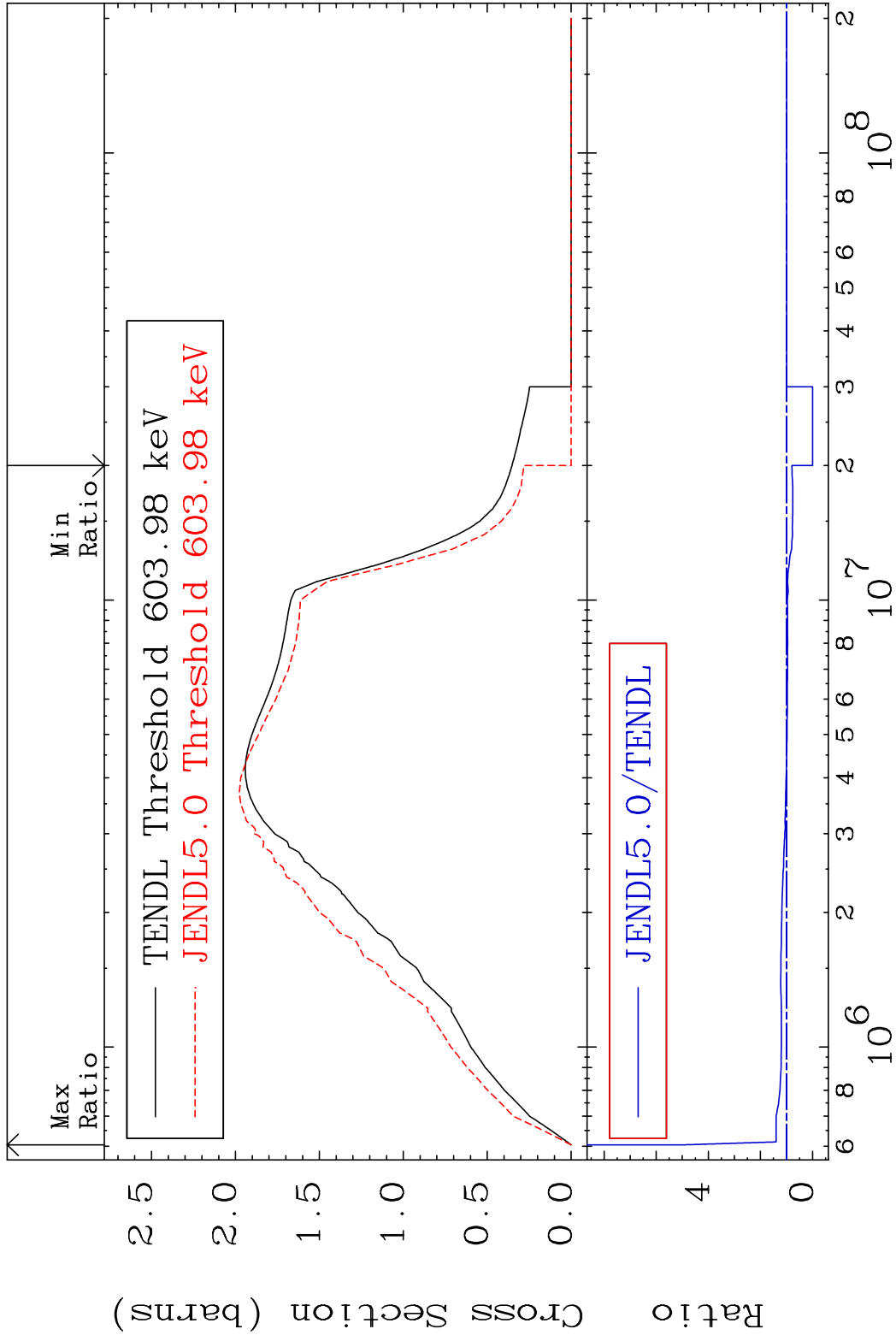
32-Ge-74

MAT 3237

Inelastic

32-Ge-74

Cross Section -100.0 To 399.7 %



3

Incident Energy (eV)

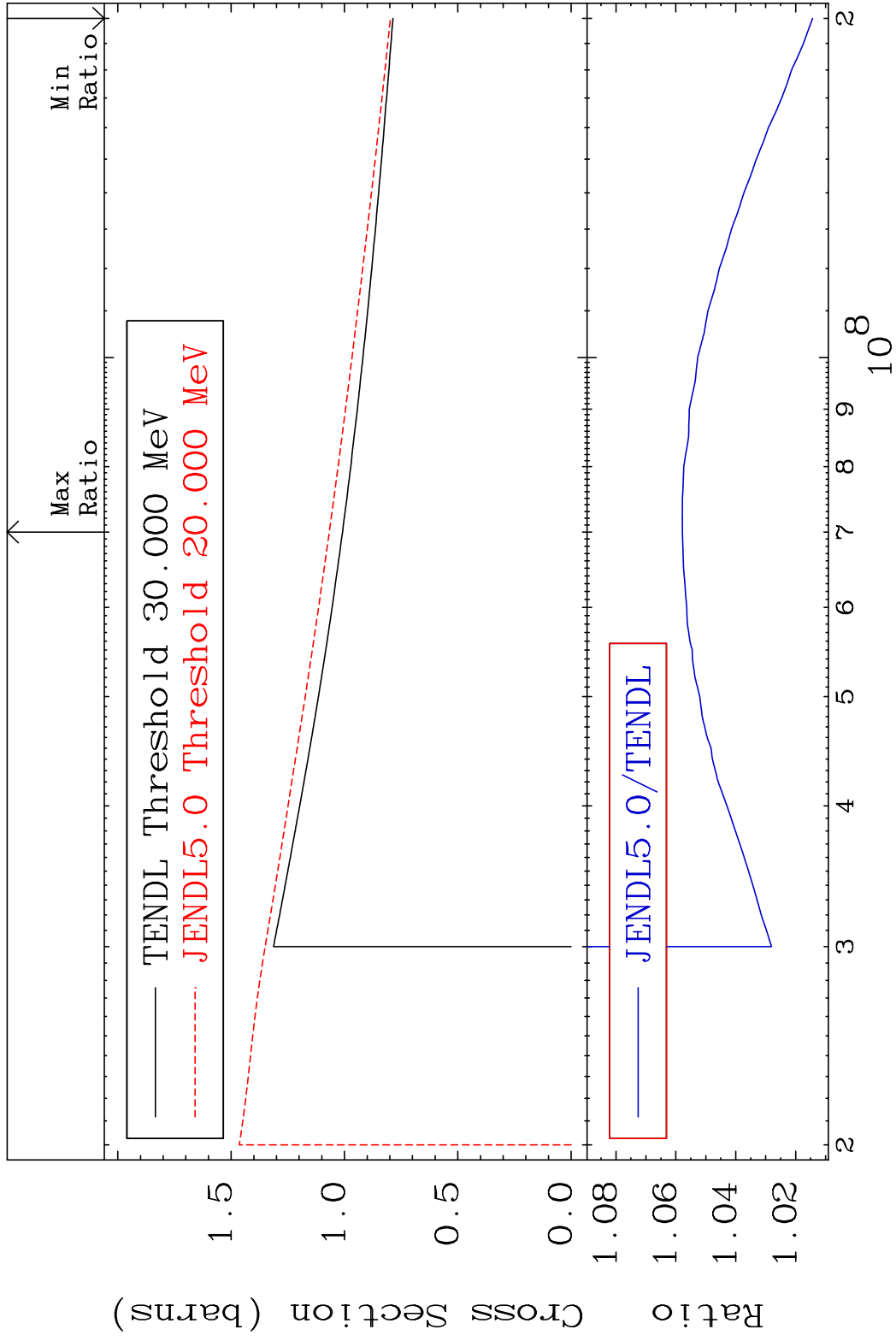
32-Ge-74

MAT 3237

(n, remainder)

32-Ge-74

Cross Section 1.435 To 5.783 %



4

Incident Energy (eV)

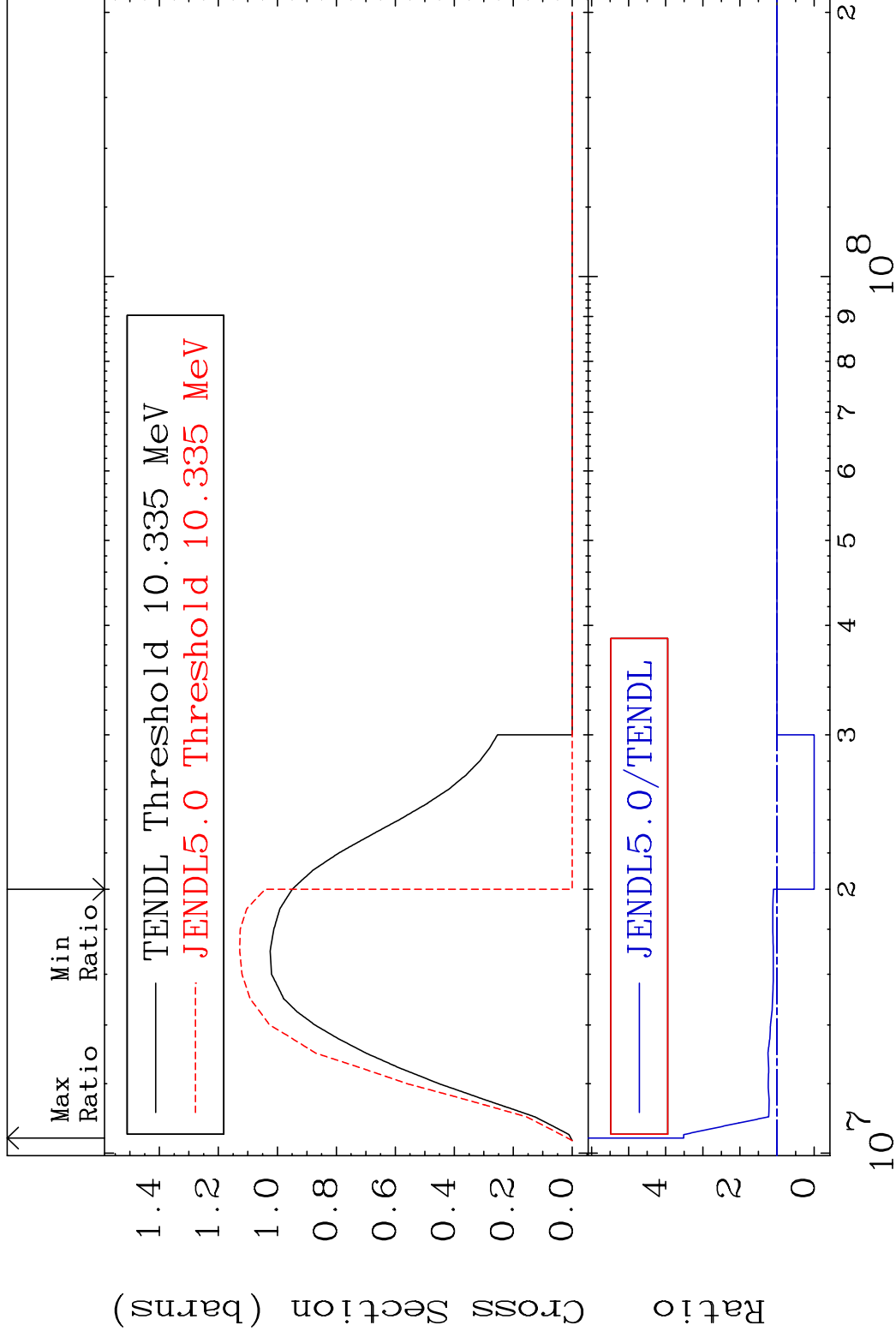
32-Ge-74

MAT 3237

(n,2n)

32-Ge-74

Cross Section -100.0 To 251.6 %

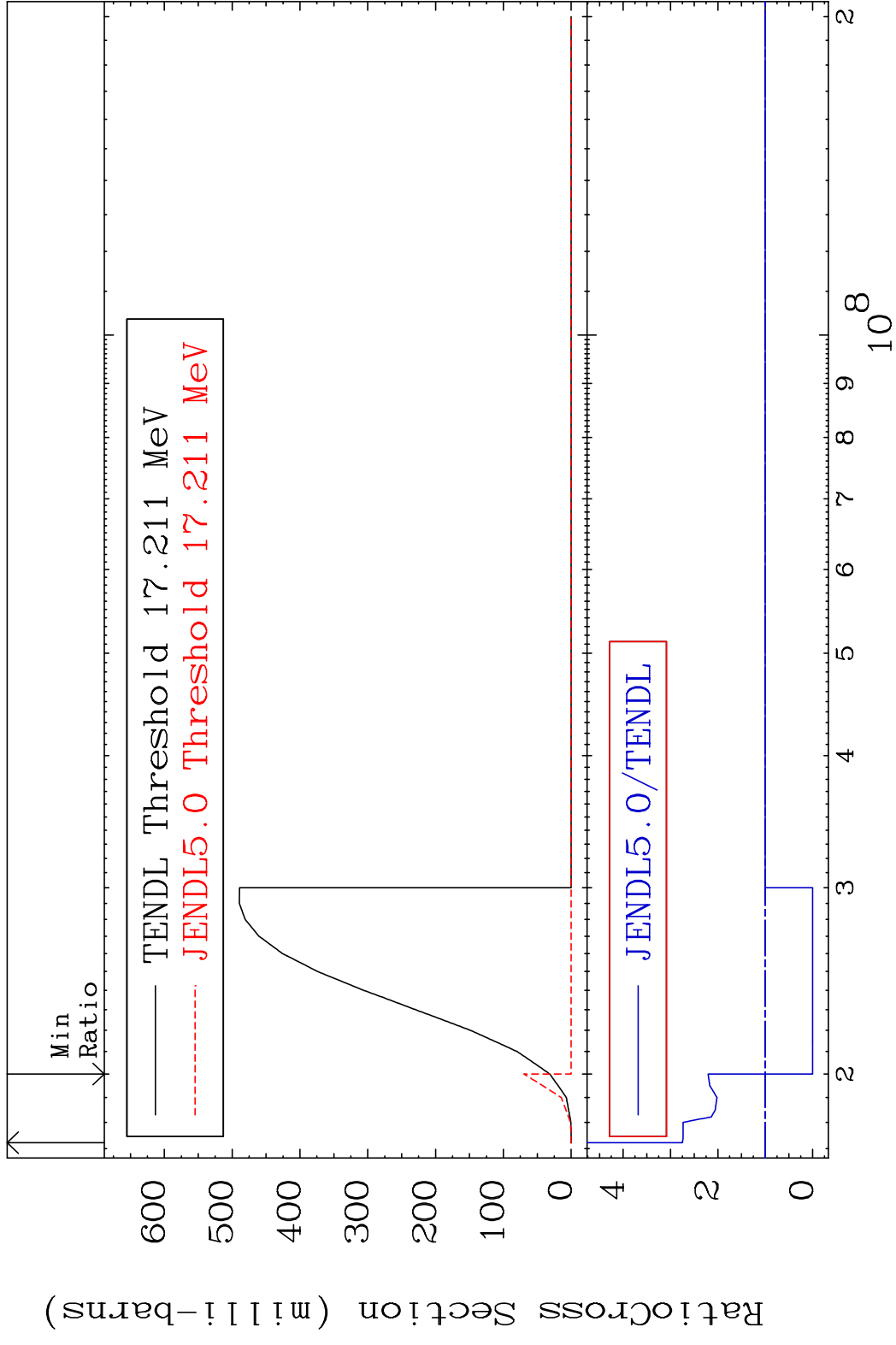


5

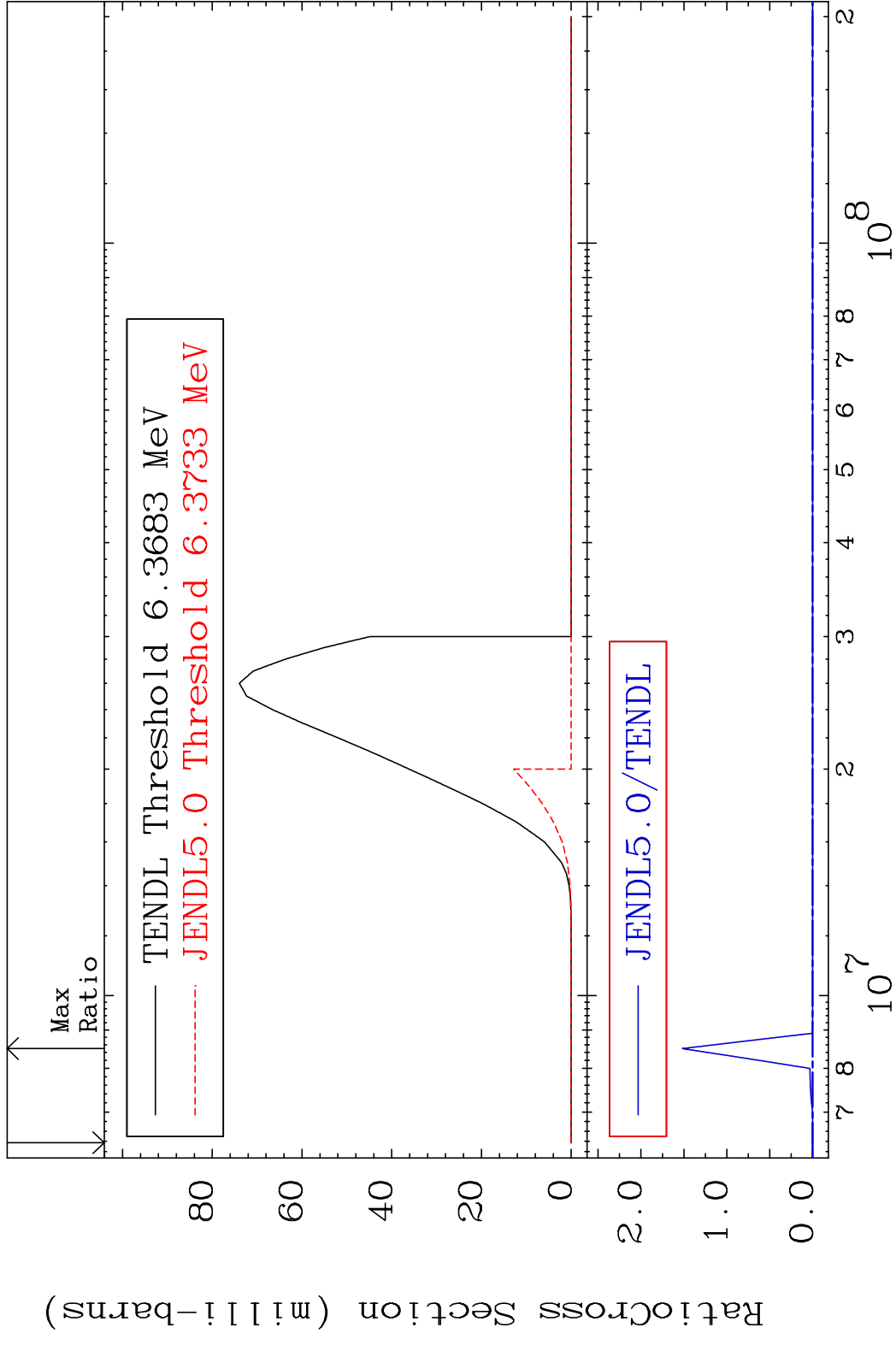
Incident Energy (eV)

32-Ge-74

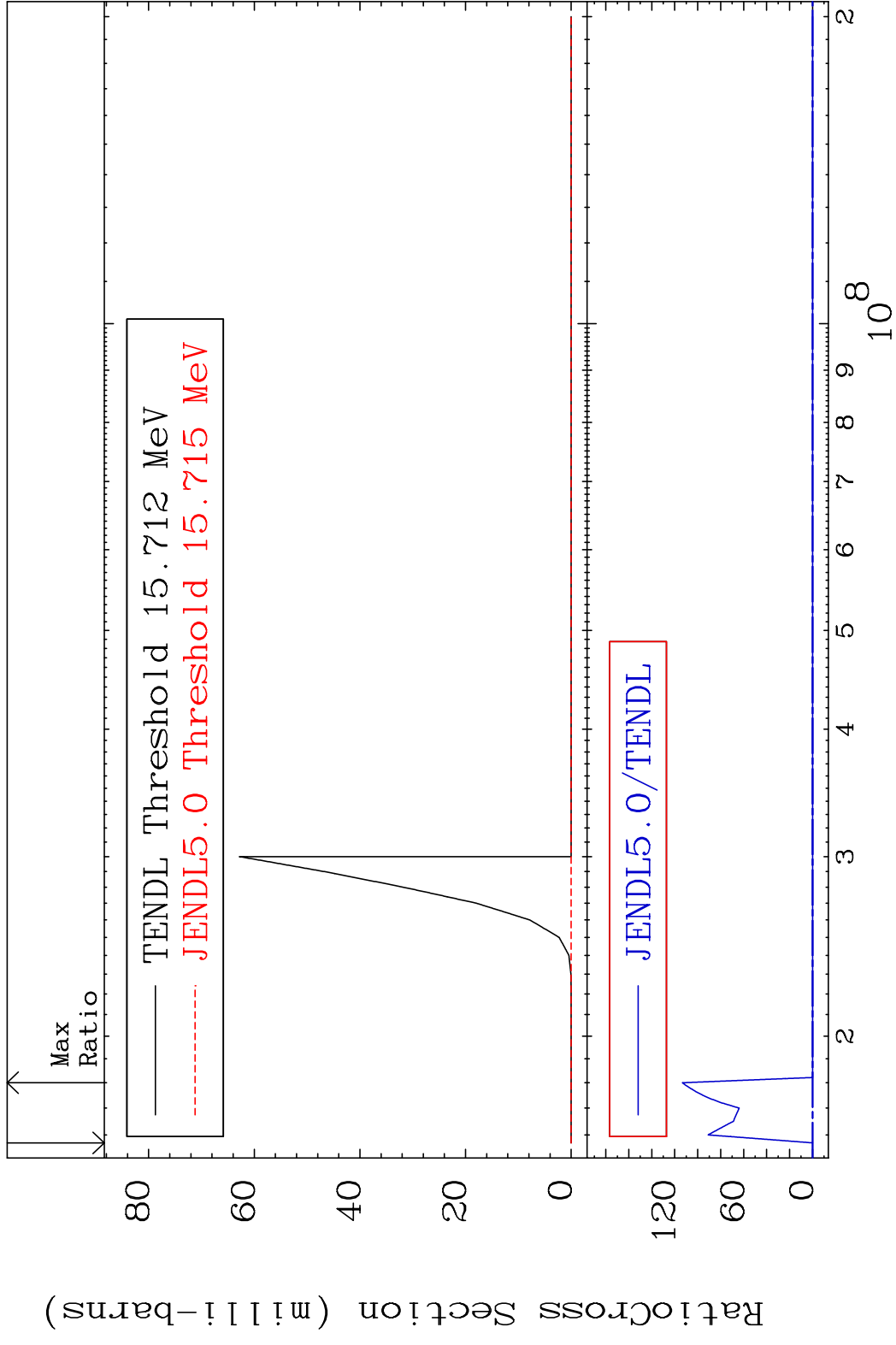
MAT 3237 (n,3n) 32-Ge-74
 Cross Section -100.0 To 175.0 %



MAT 3237 (n, n') α 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 (n,2n) α 32-Ge-74
 Cross Section -100.0 To 9999. %

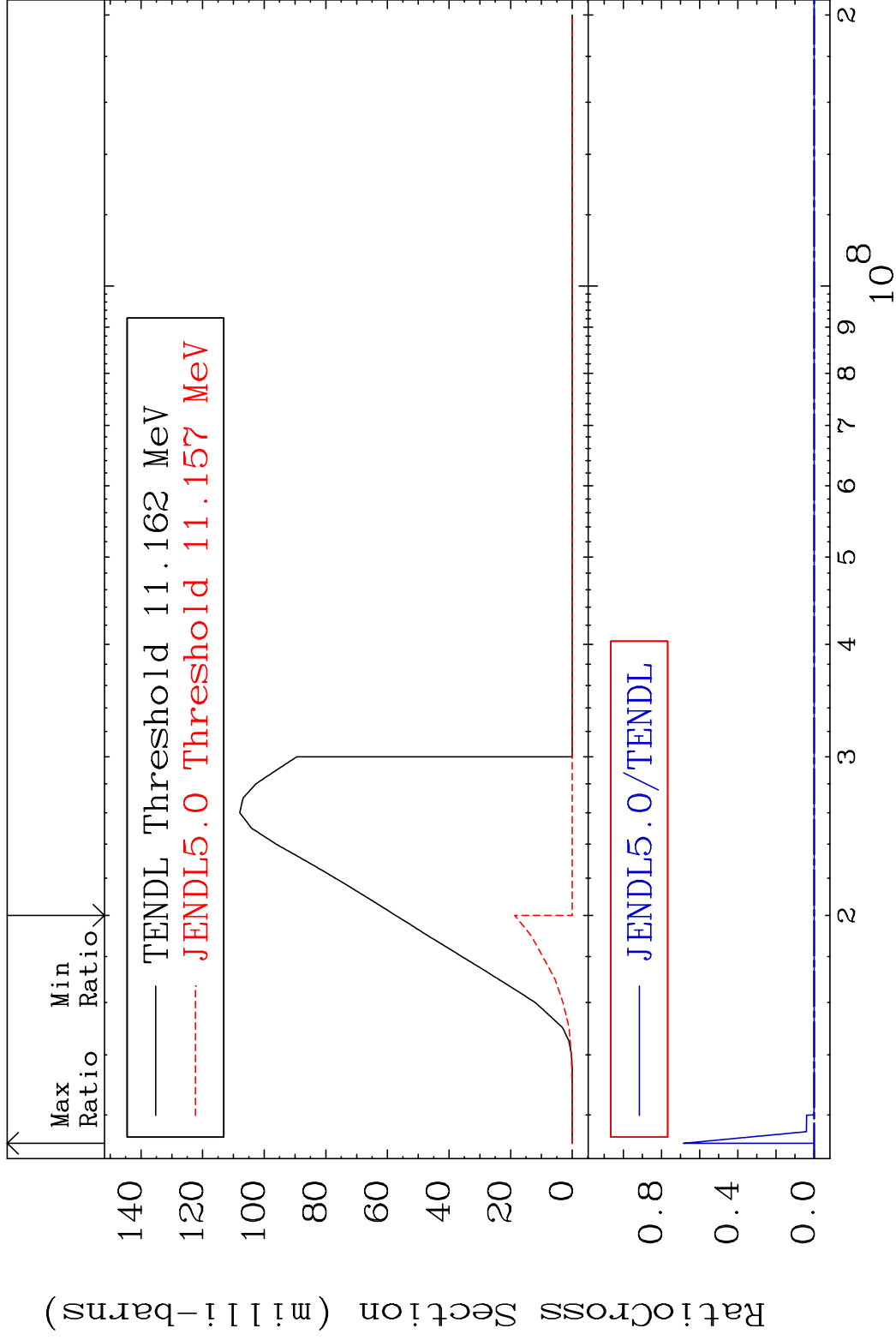


MAT 3237

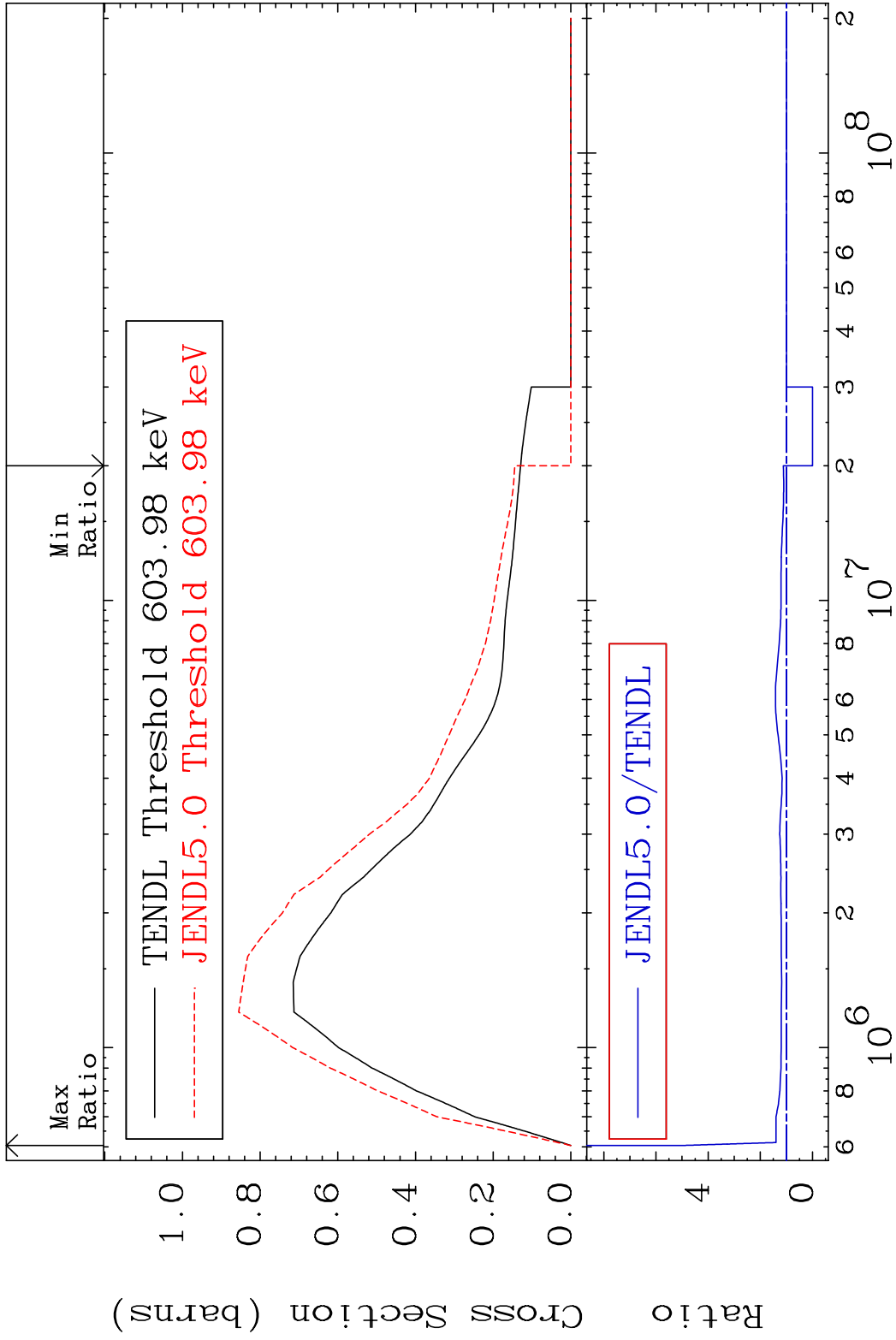
(n, n') p

32-Ge-74

Cross Section -100.0 To 9999. %

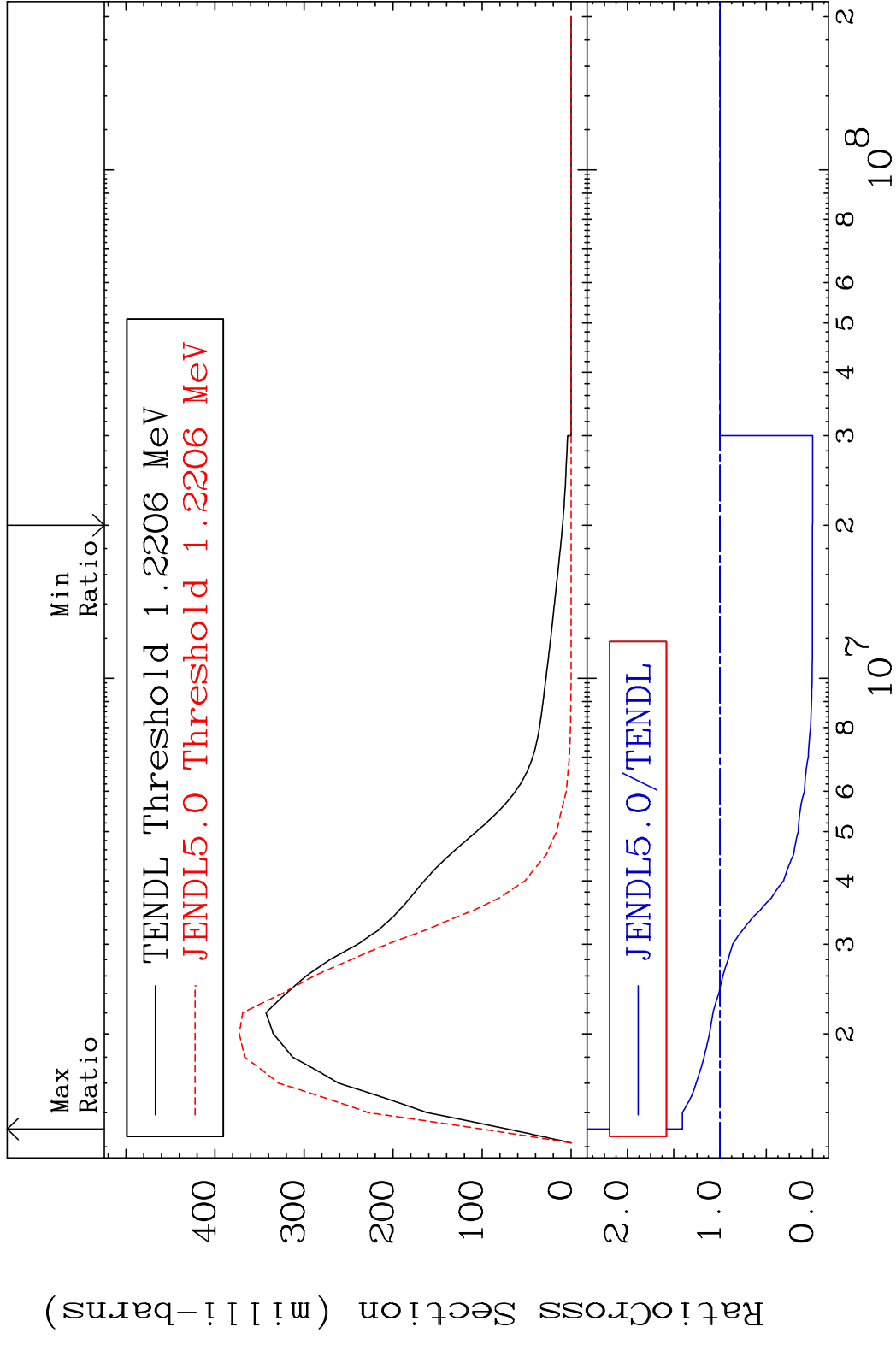


MAT 3237 MT= 51 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 399.7 %

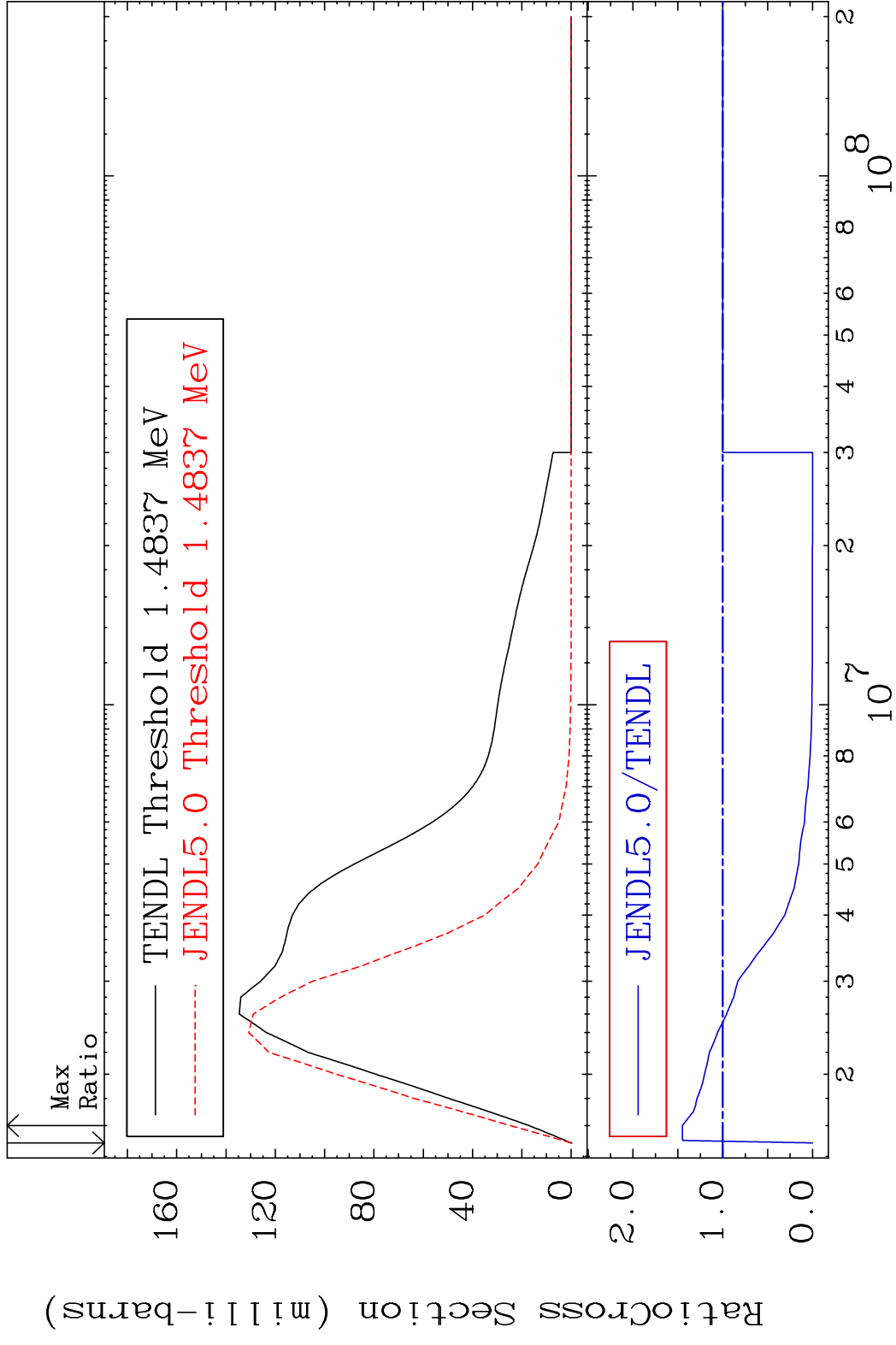


10 Incident Energy (eV) 32-Ge-74

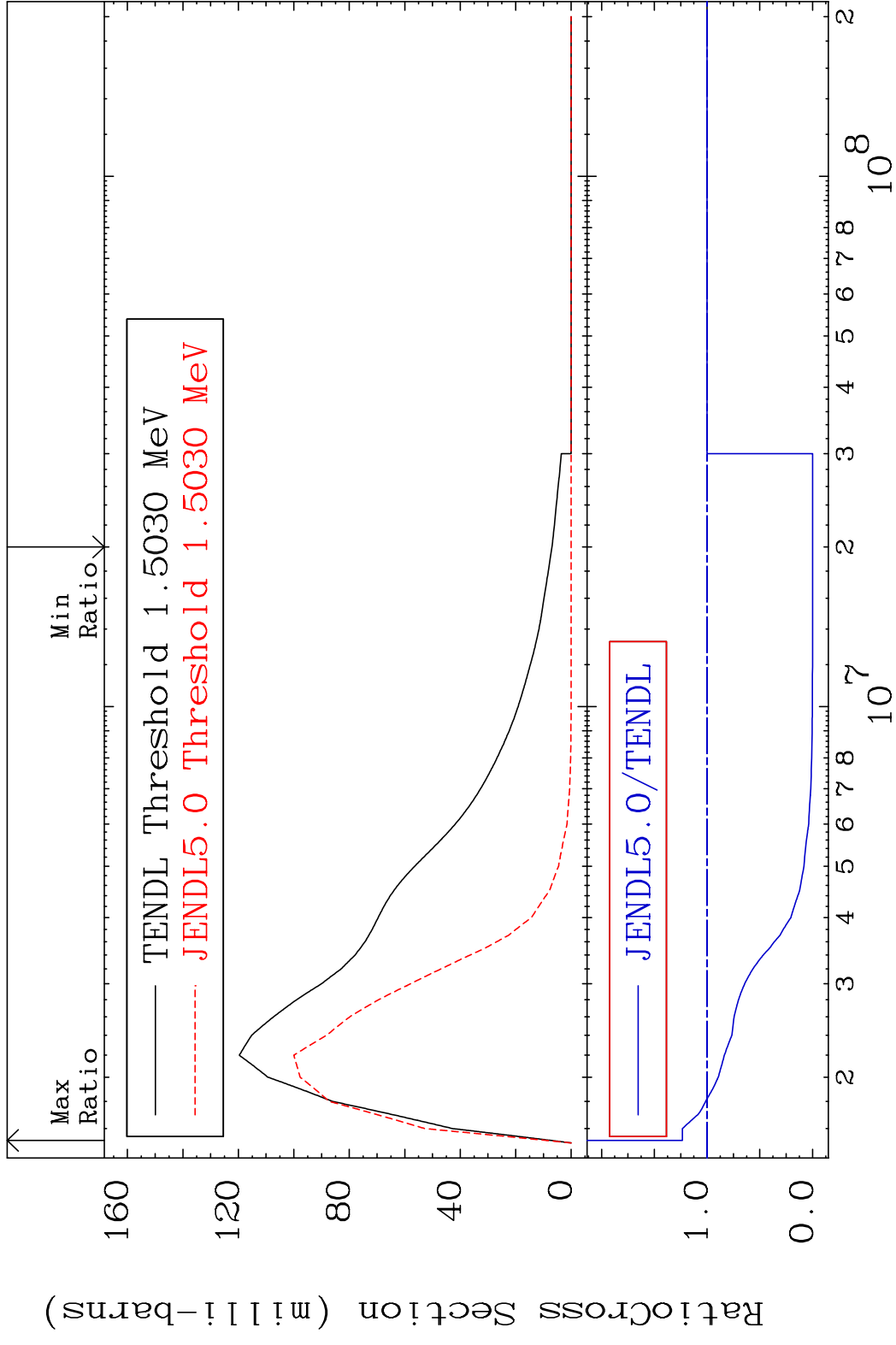
MAT 3237 MT= 52 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 40.71 %



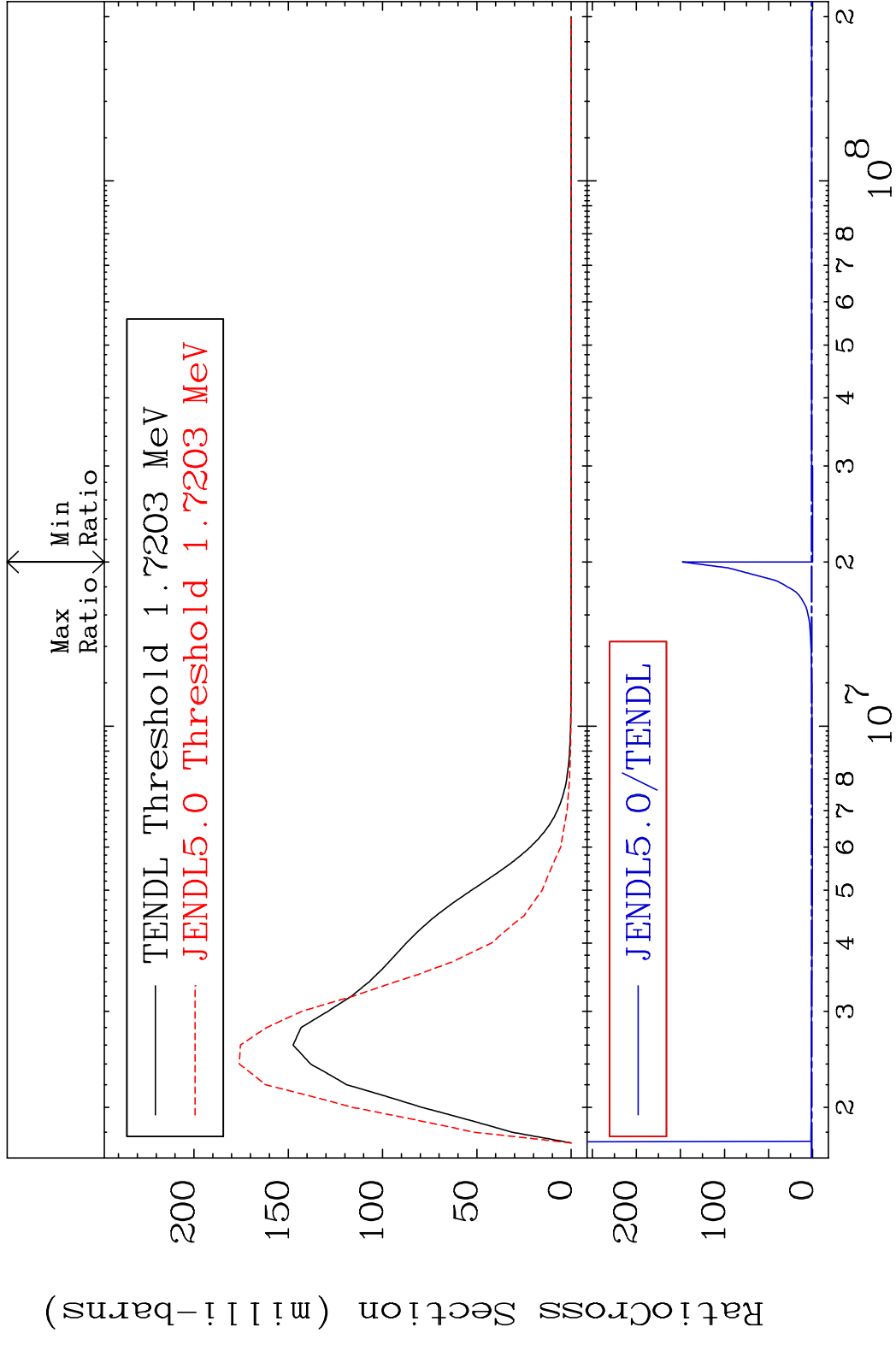
MAT 3237 MT= 53 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 45.03 %



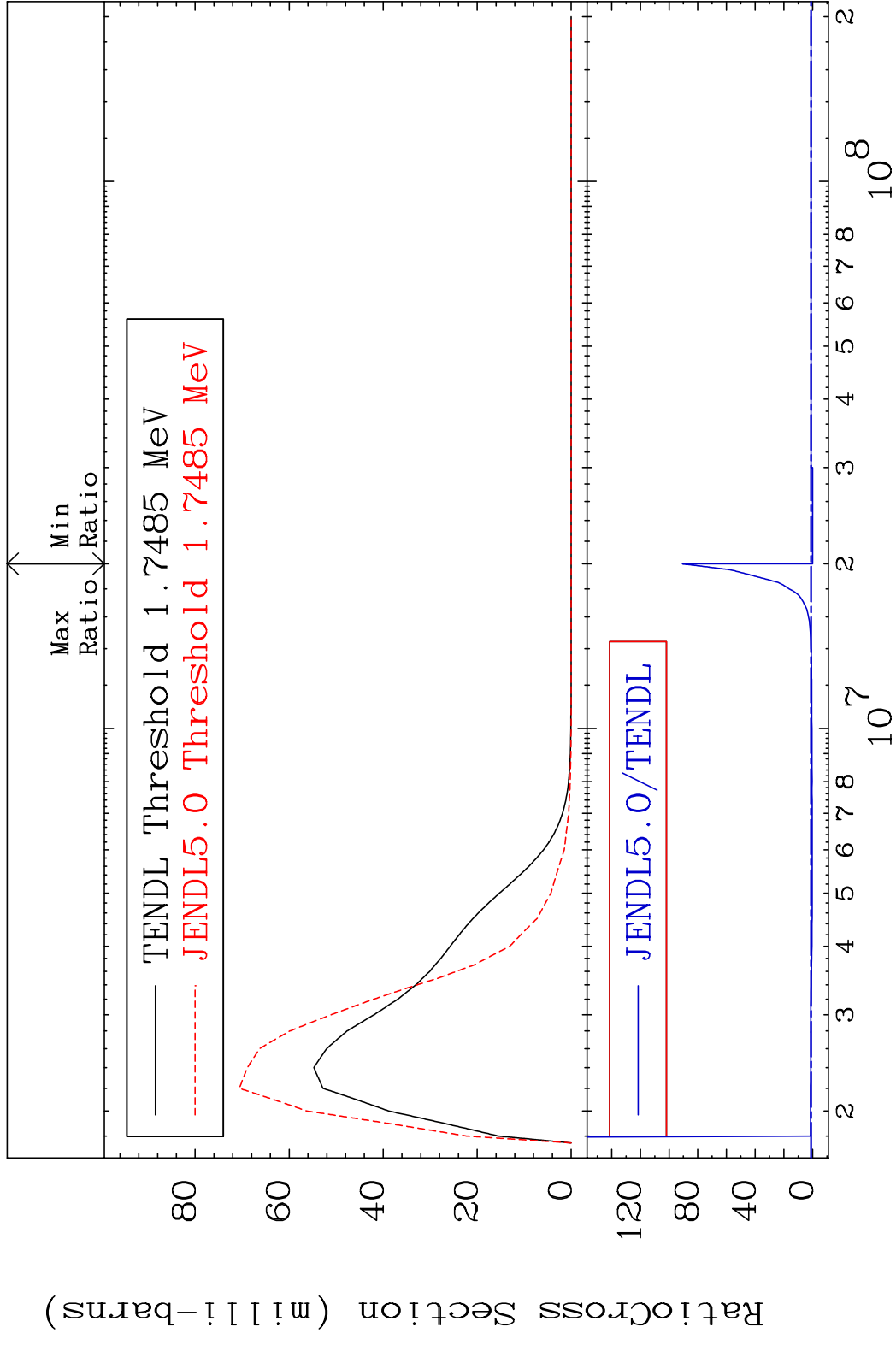
MAT 3237 MT= 54 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 23.43 %



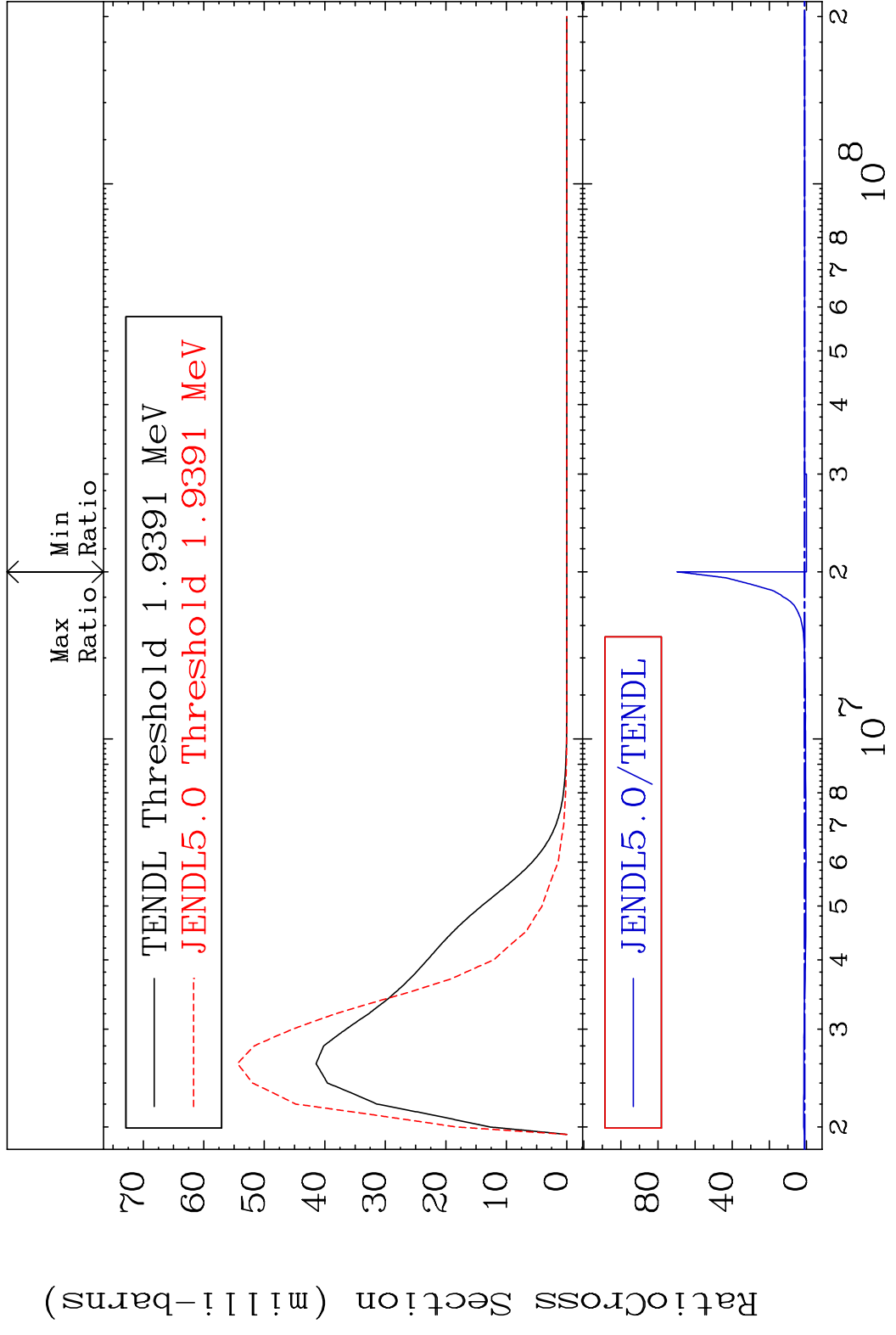
MAT 3237 MT= 55 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 9999. %



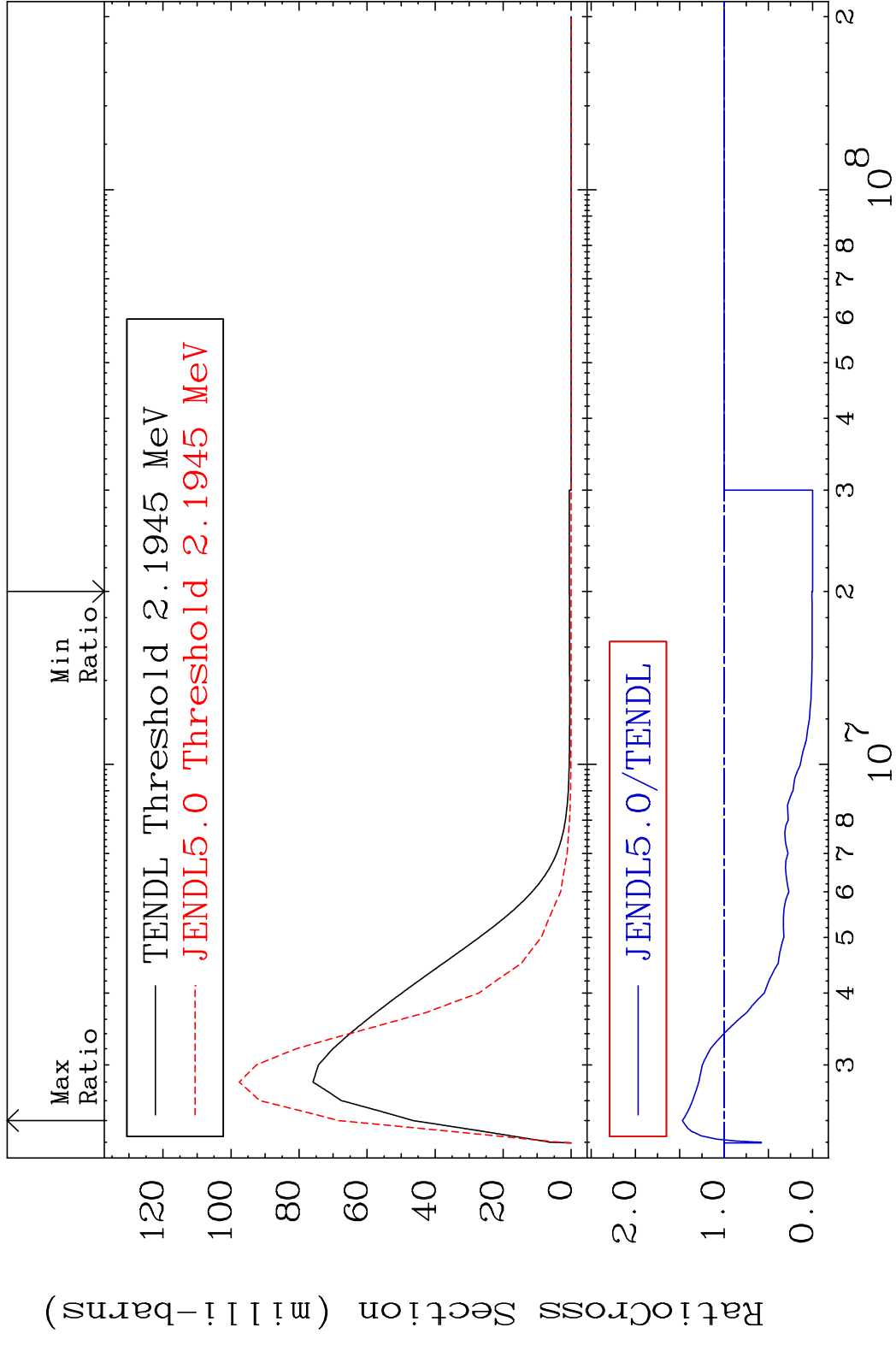
MAT 3237 MT= 56 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 8974. %



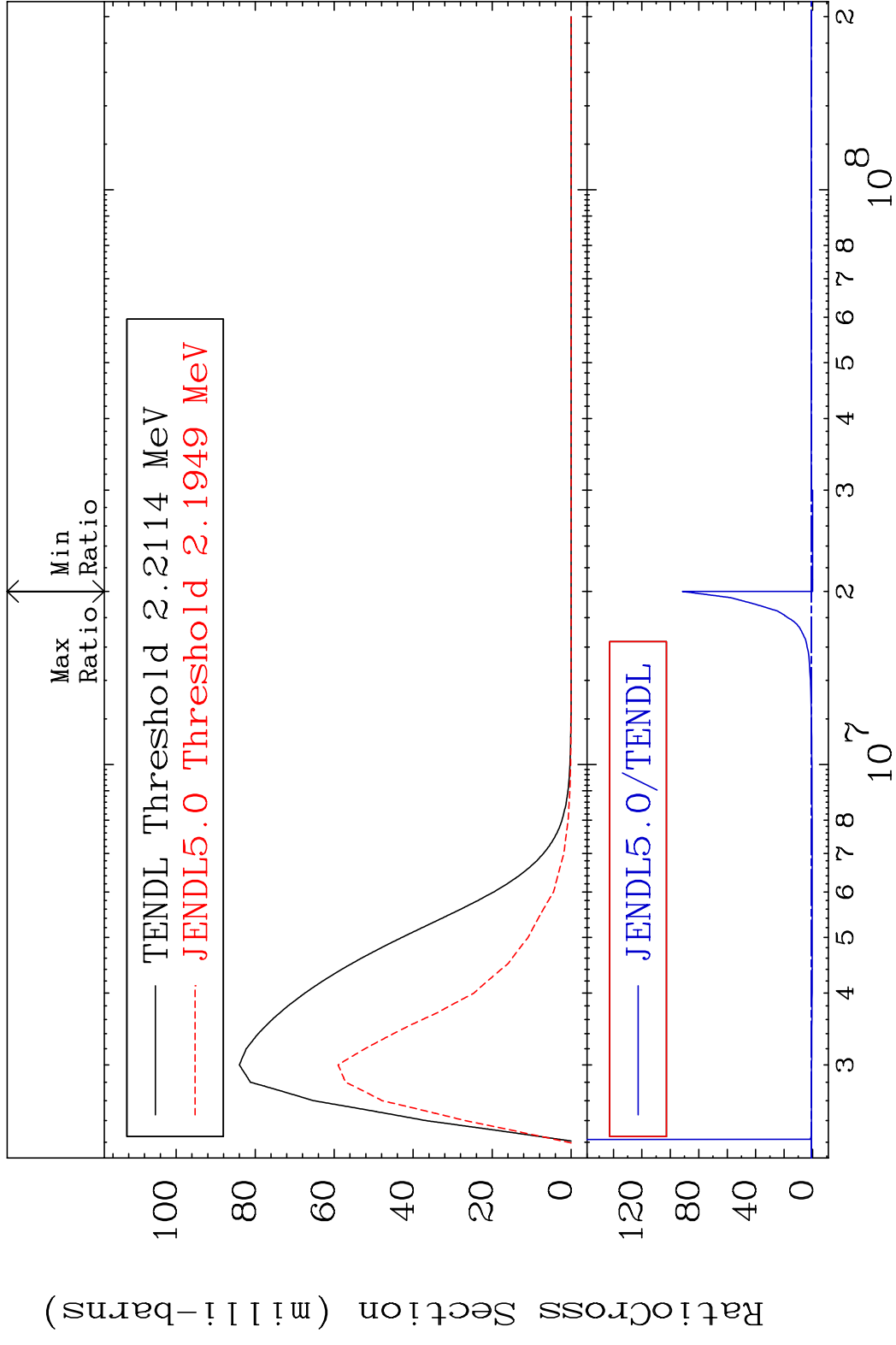
MAT 3237 MT= 57 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 6861. %



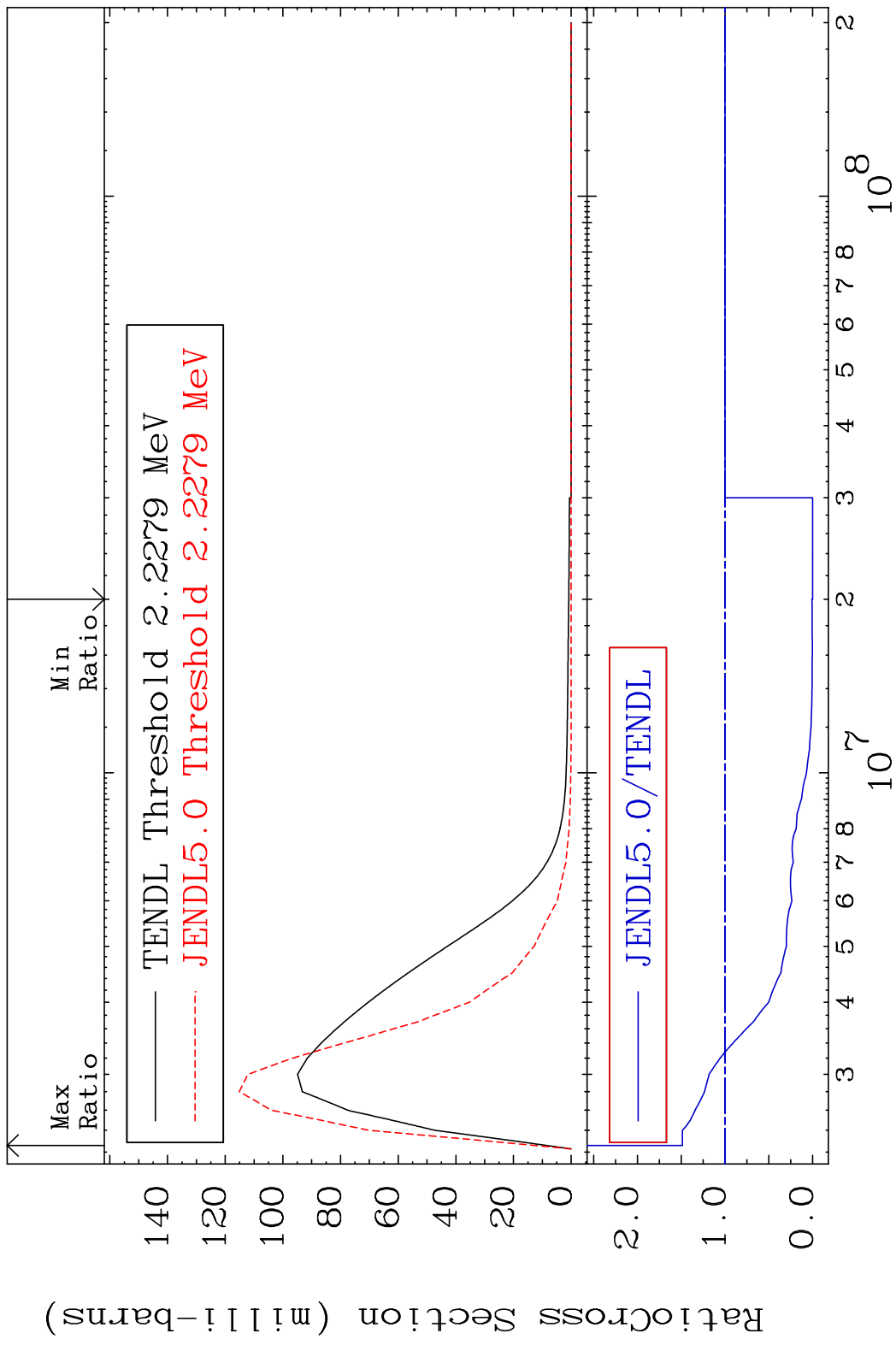
MAT 3237 MT= 58 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 47.07 %



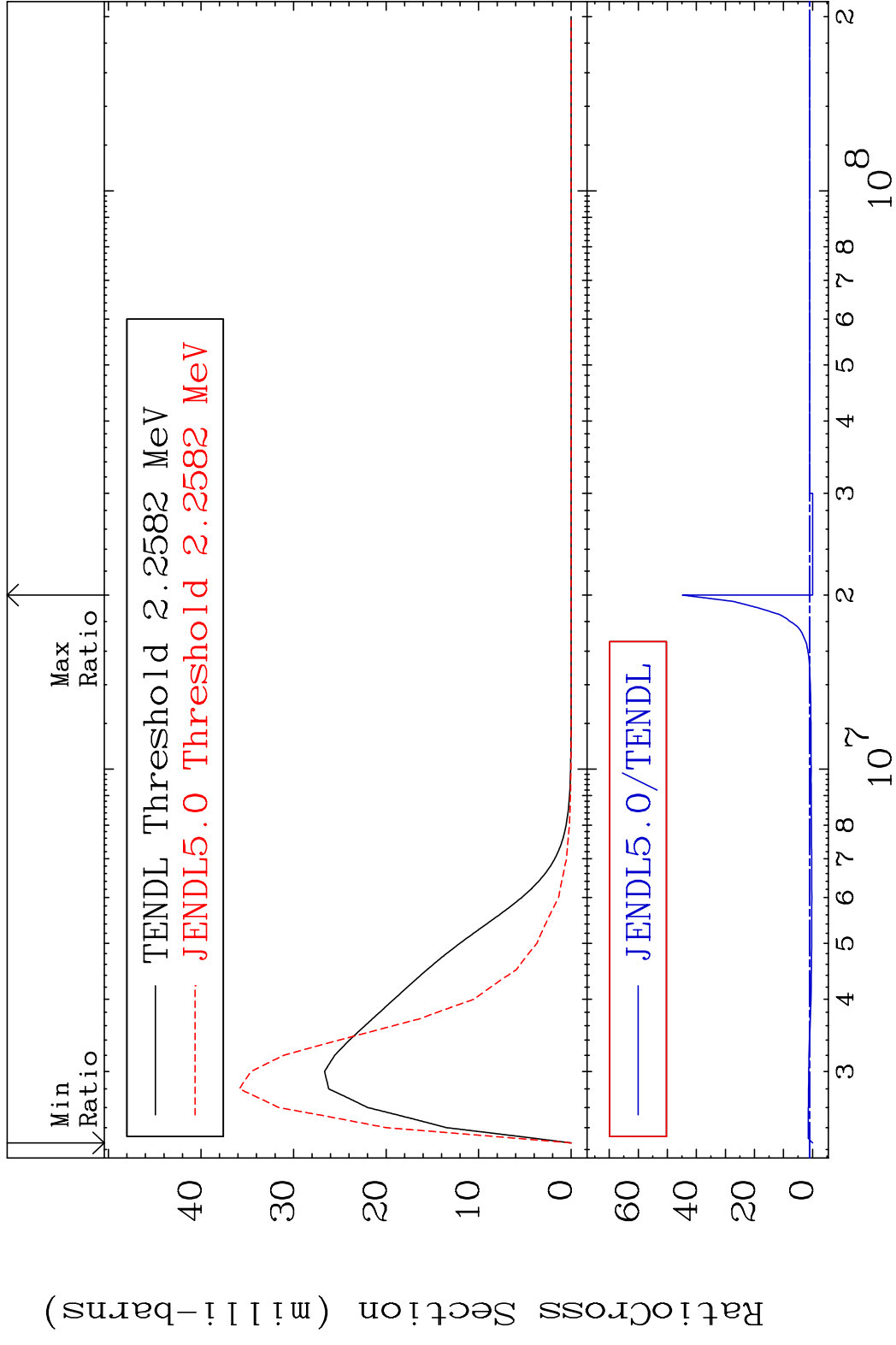
MAT 3237 MT= 59 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 9053. %



MAT 3237 MT= 60 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 48.66 %

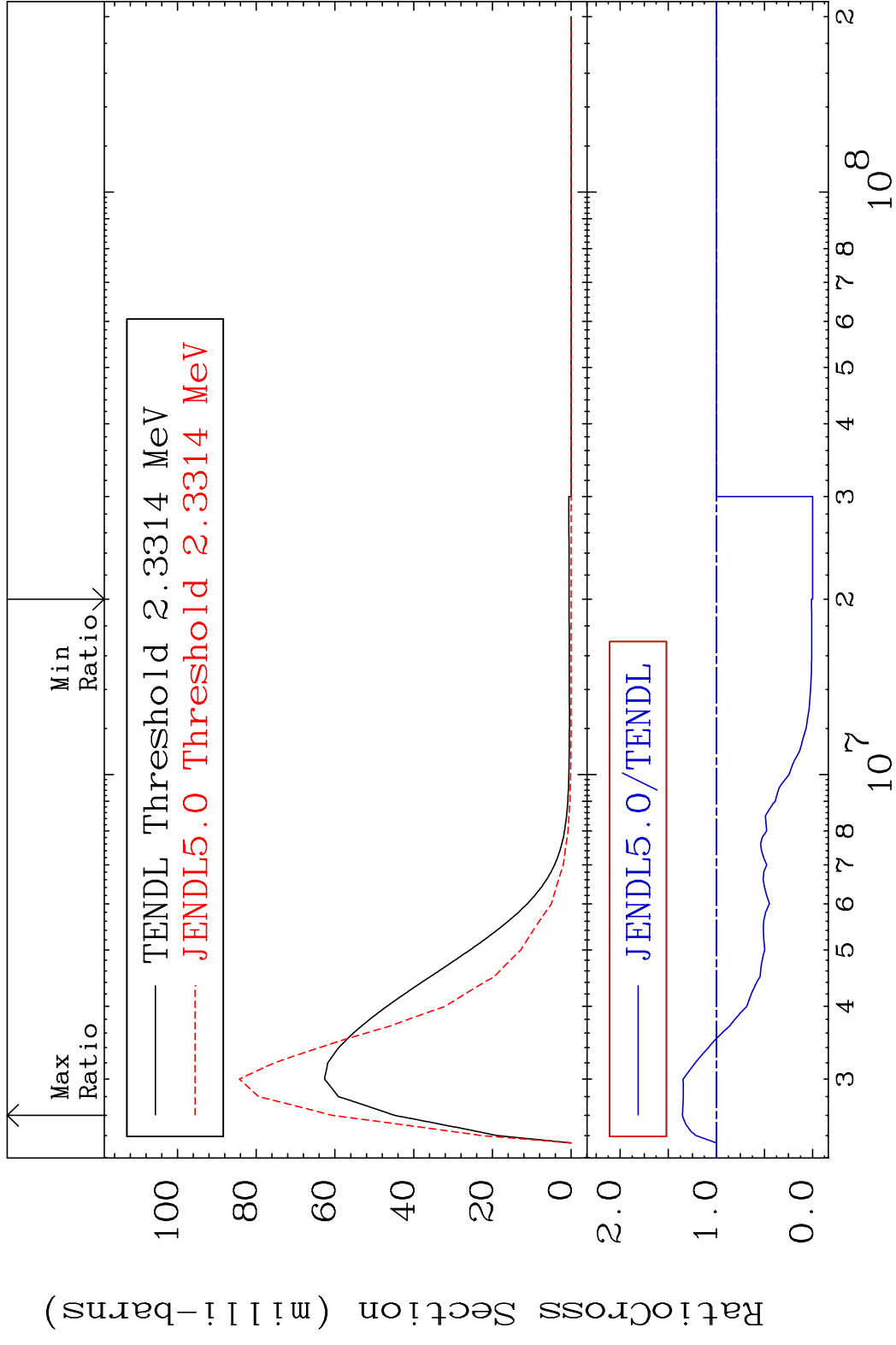


MAT 3237 MT= 61 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 4383. %

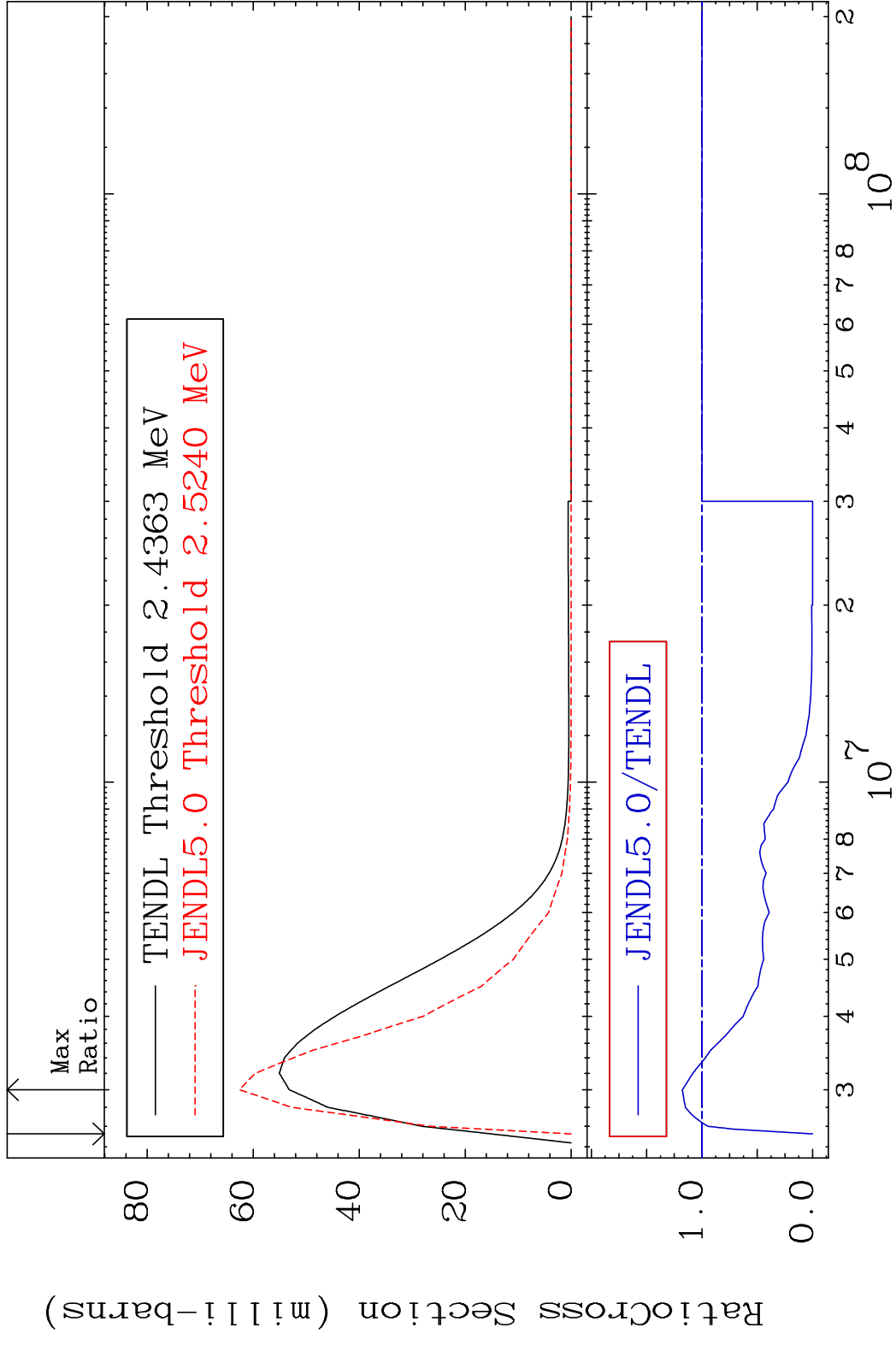


20 32-Ge-74

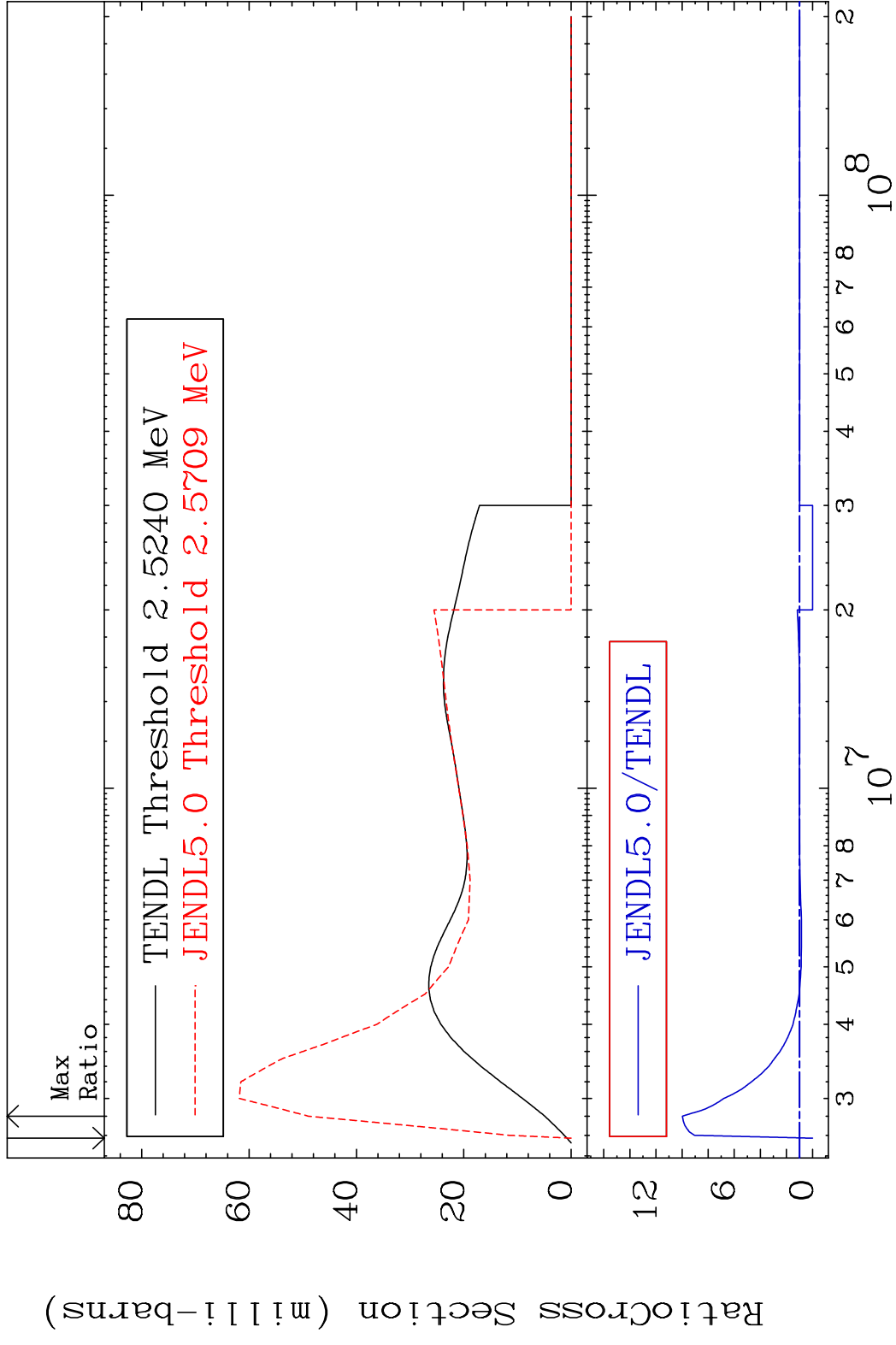
MAT 3237 MT= 62 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 35.37 %



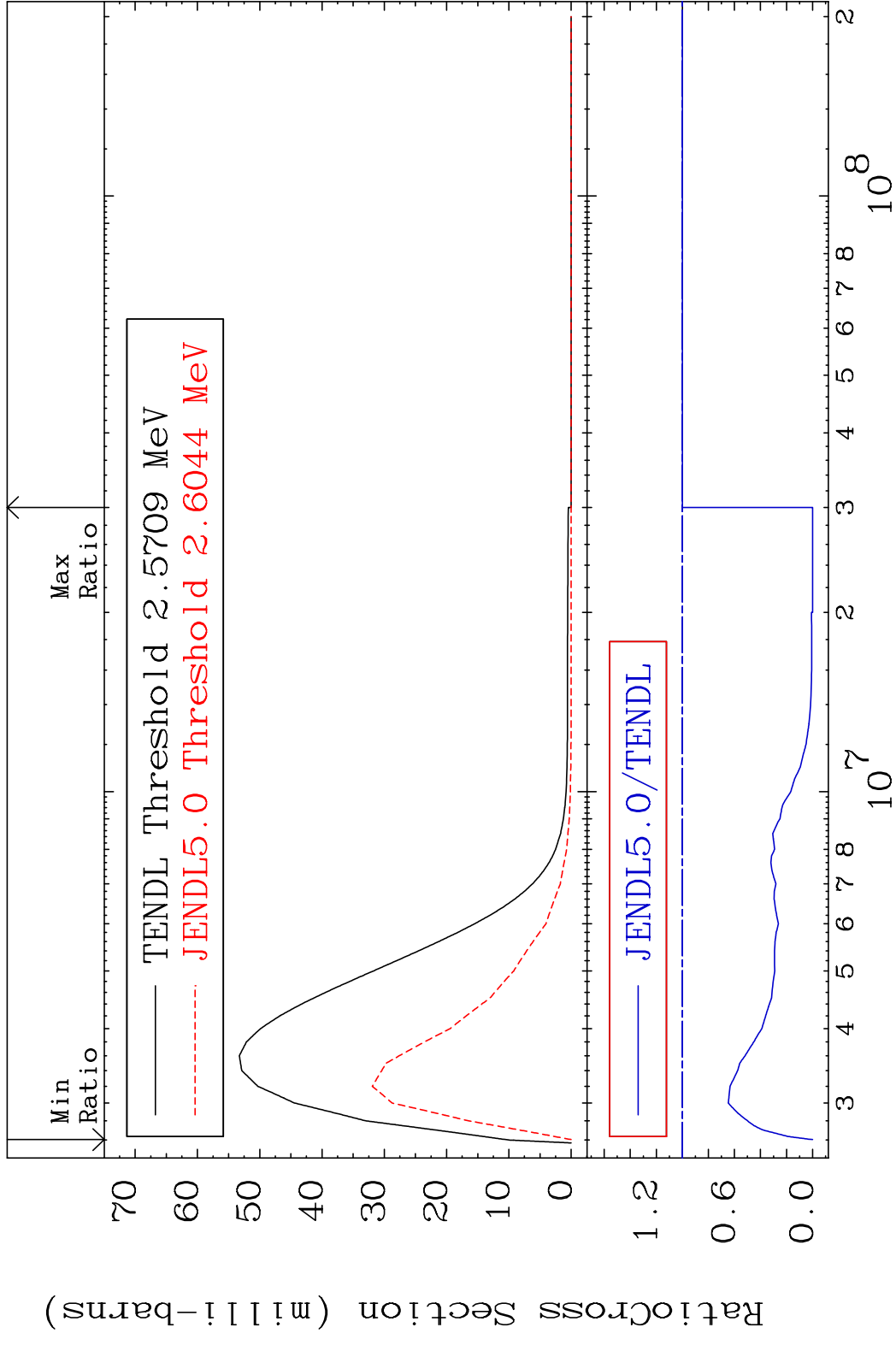
MAT 3237 MT= 63 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 17.69 %



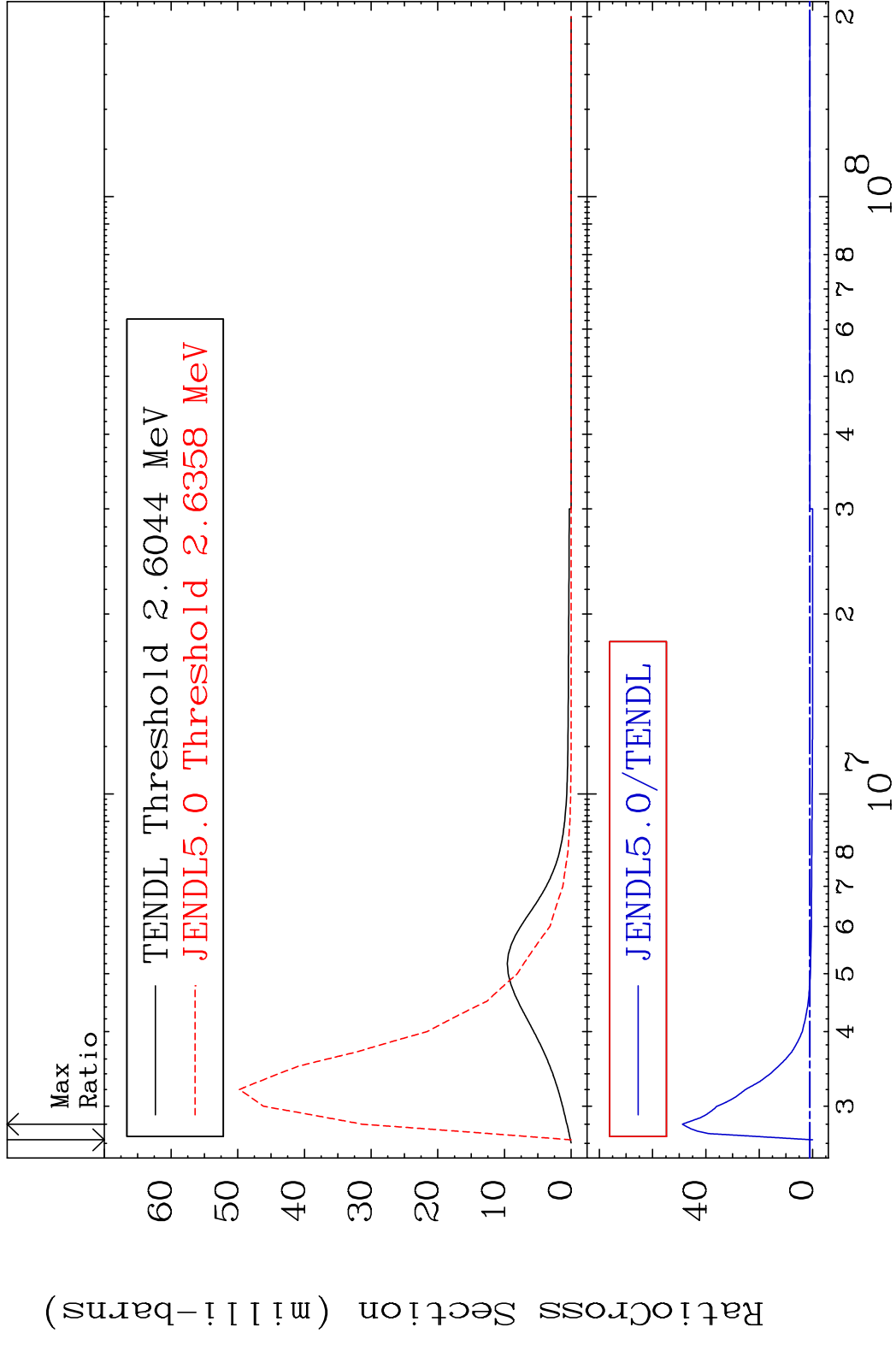
MAT 3237 MT= 64 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 897.8 %



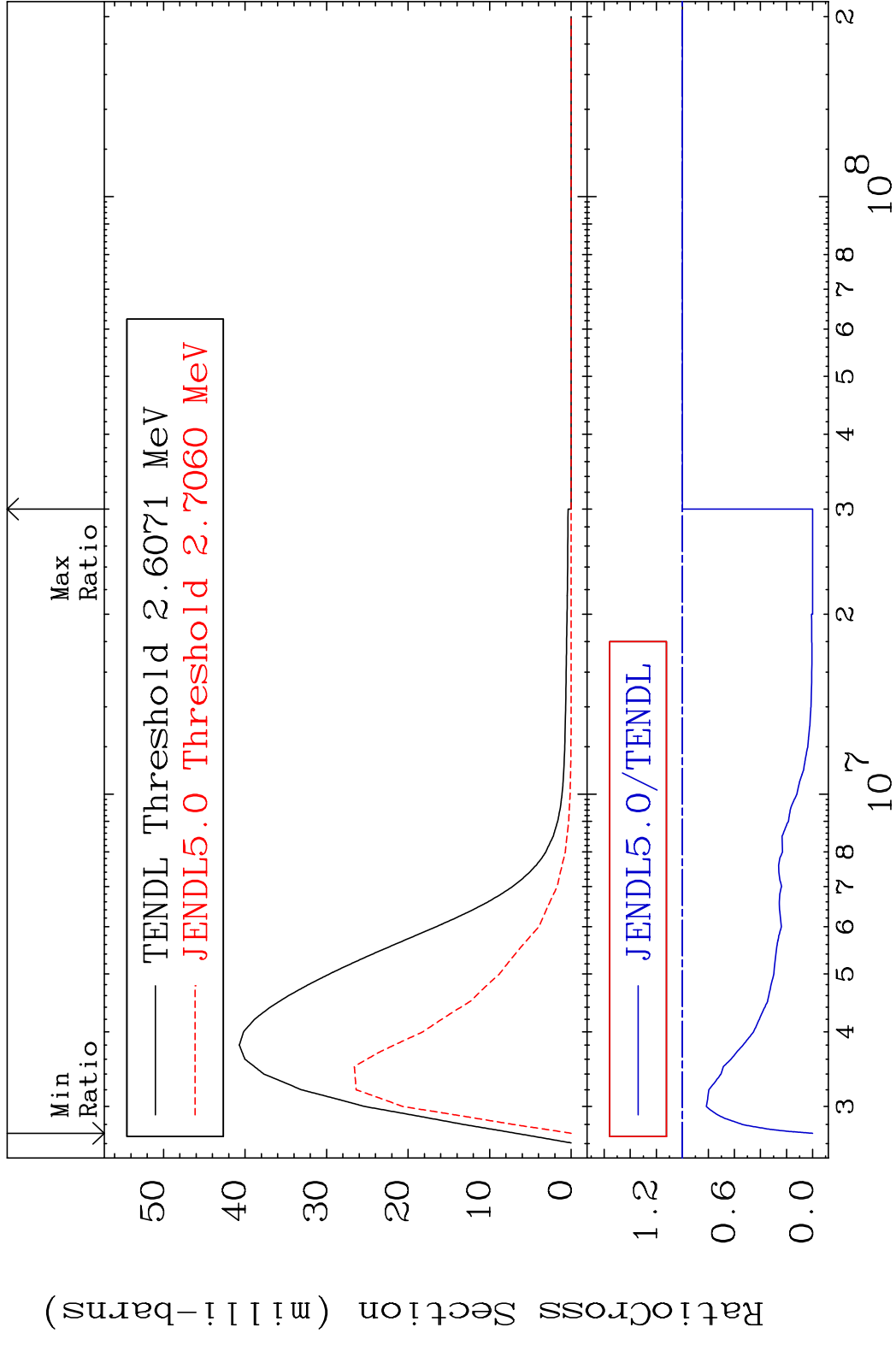
MAT 3237 MT= 65 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %



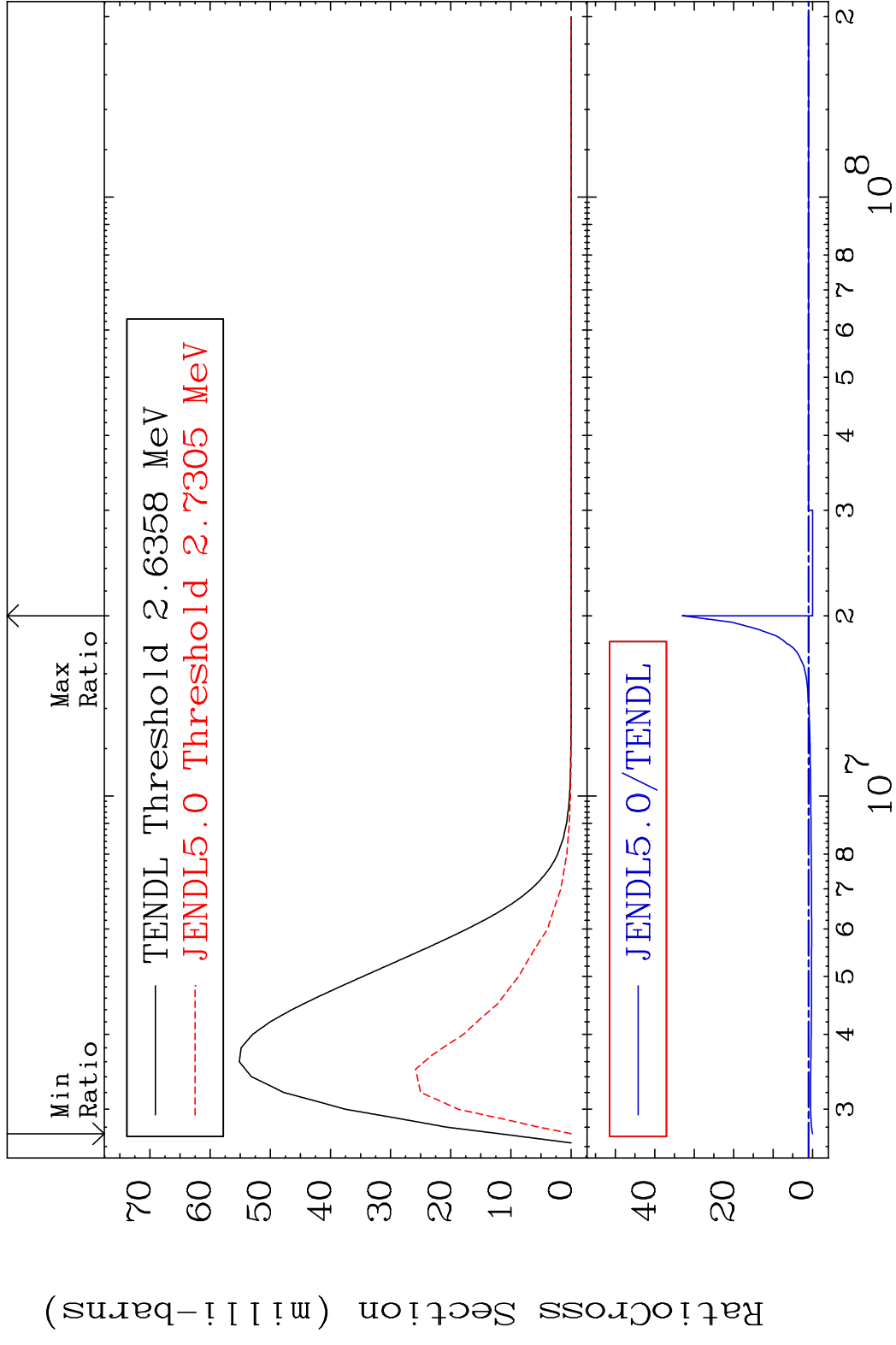
MAT 3237 MT= 66 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 4784. %



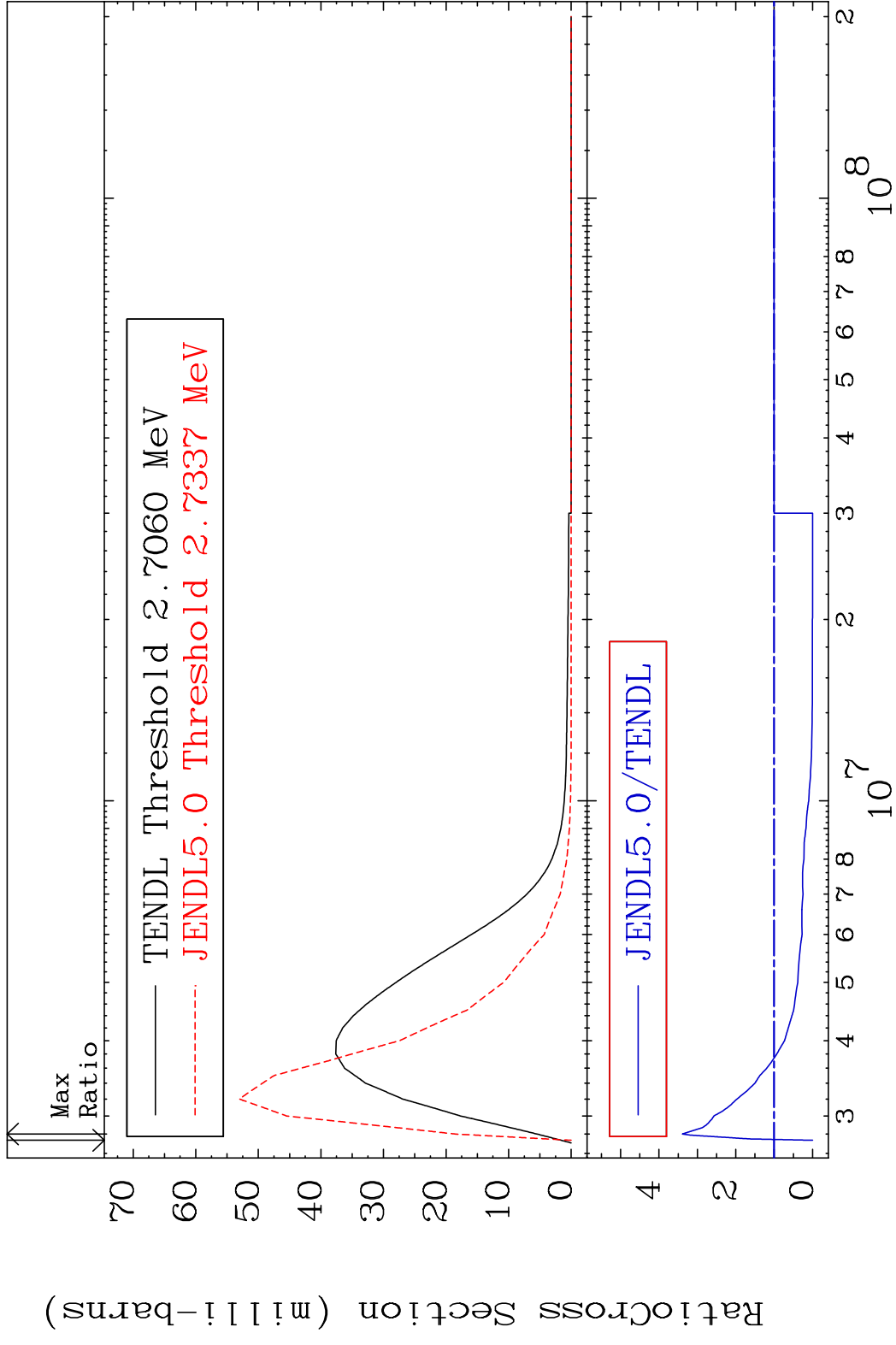
MAT 3237 MT= 67 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %



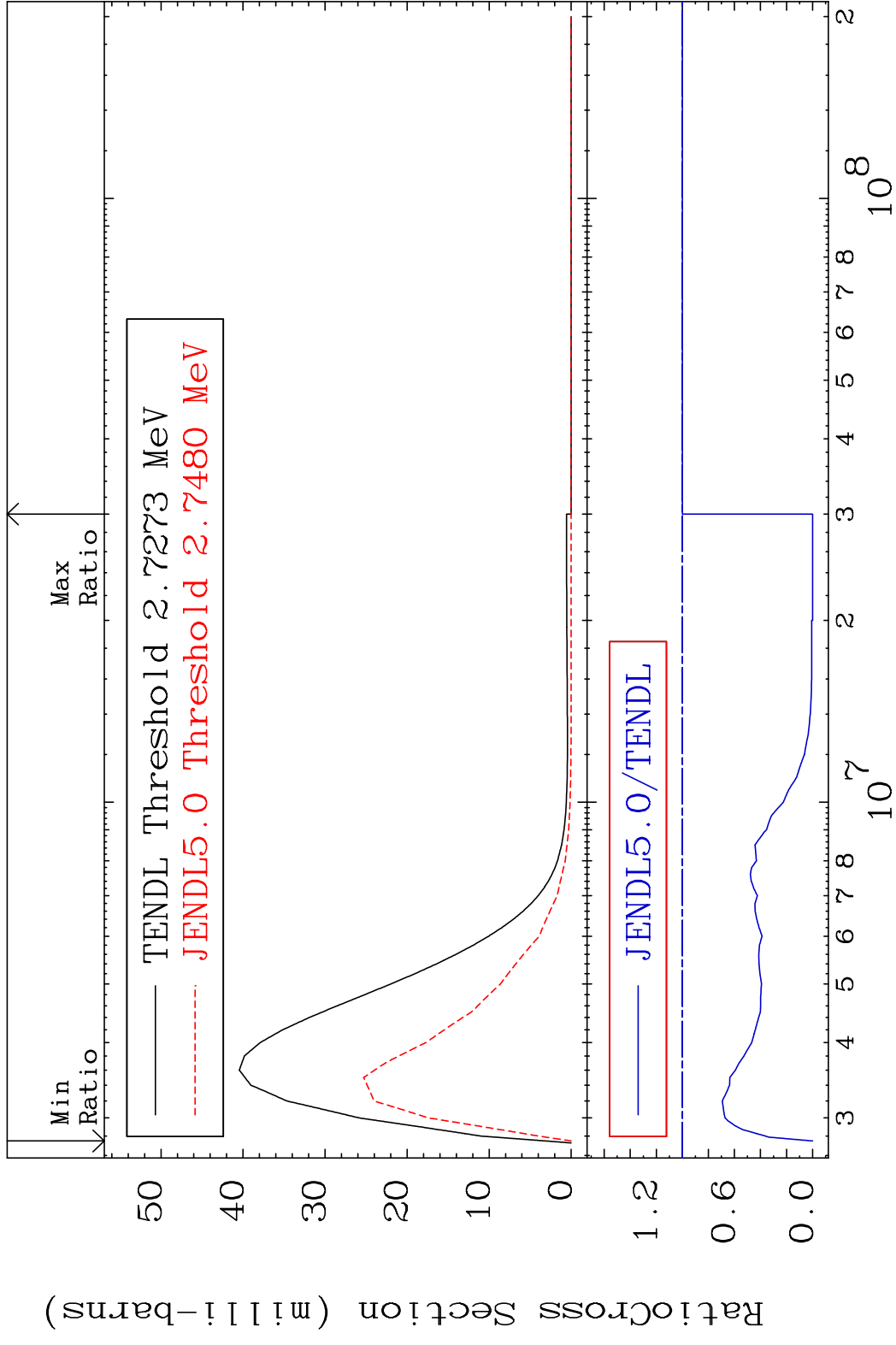
MAT 3237 MT= 68 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 3200. %



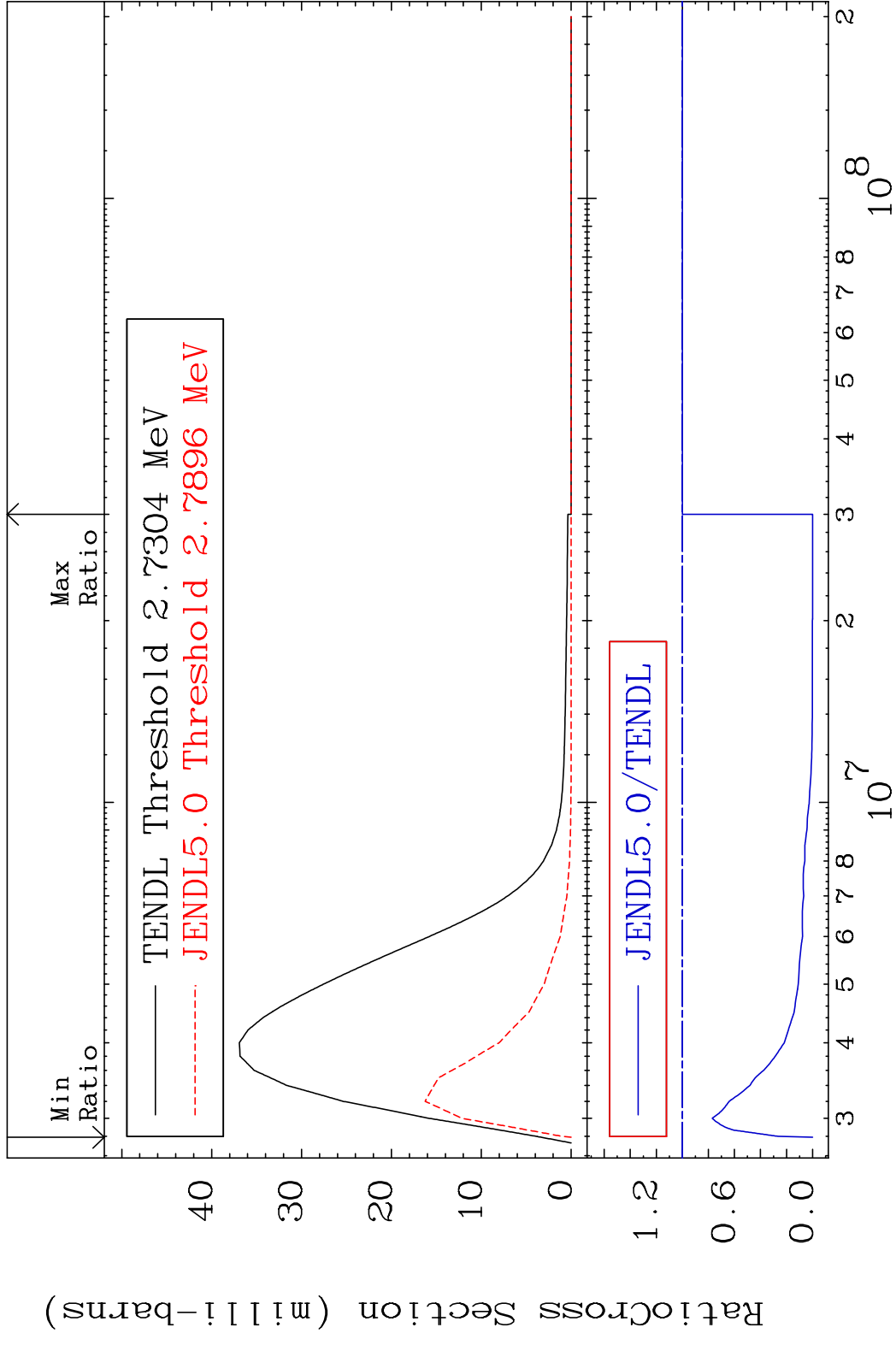
MAT 3237 MT= 69 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 239.1 %



MAT 3237 MT= 70 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %

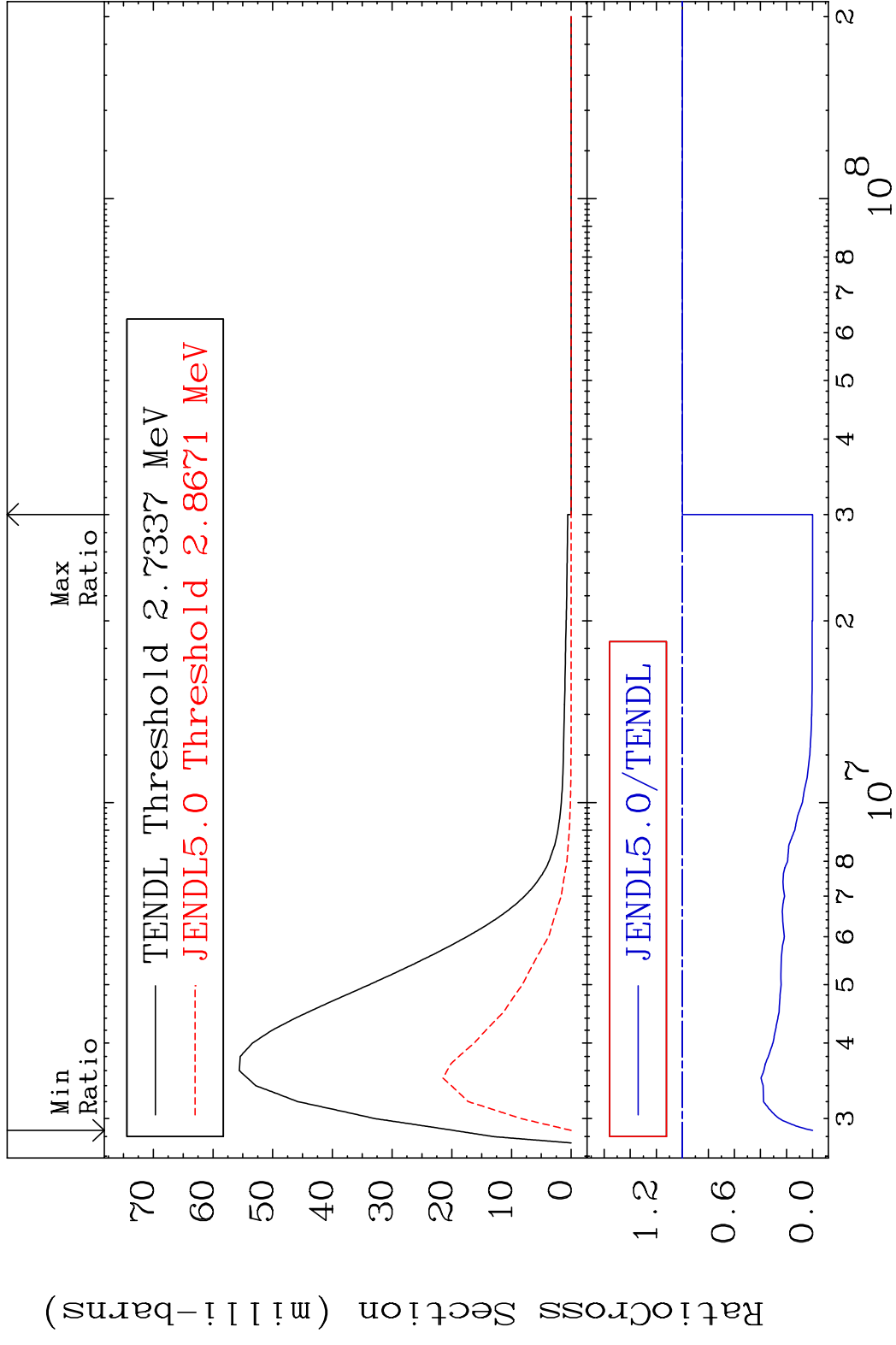


MAT 3237 MT= 71 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %

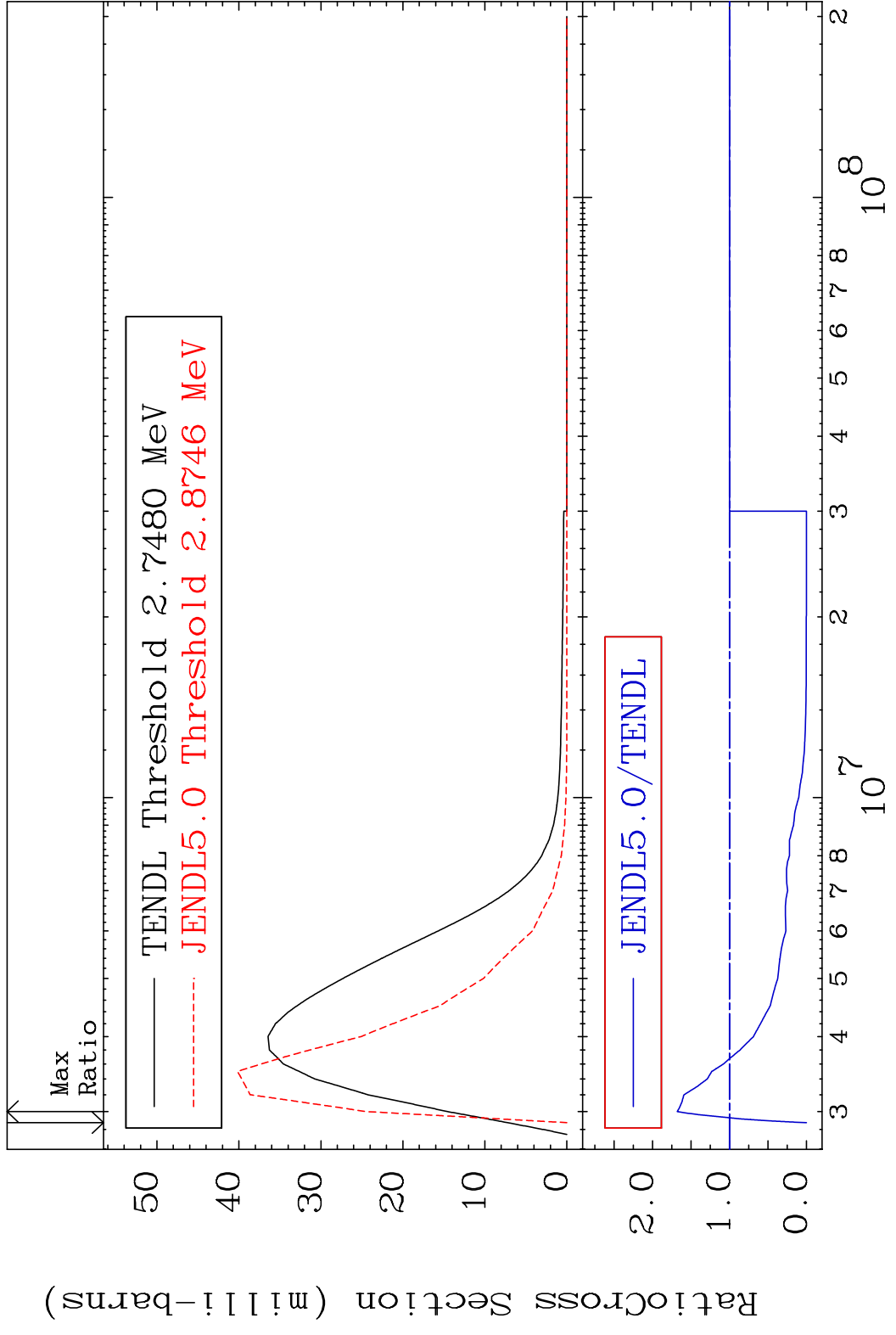


30 30-Ge-74

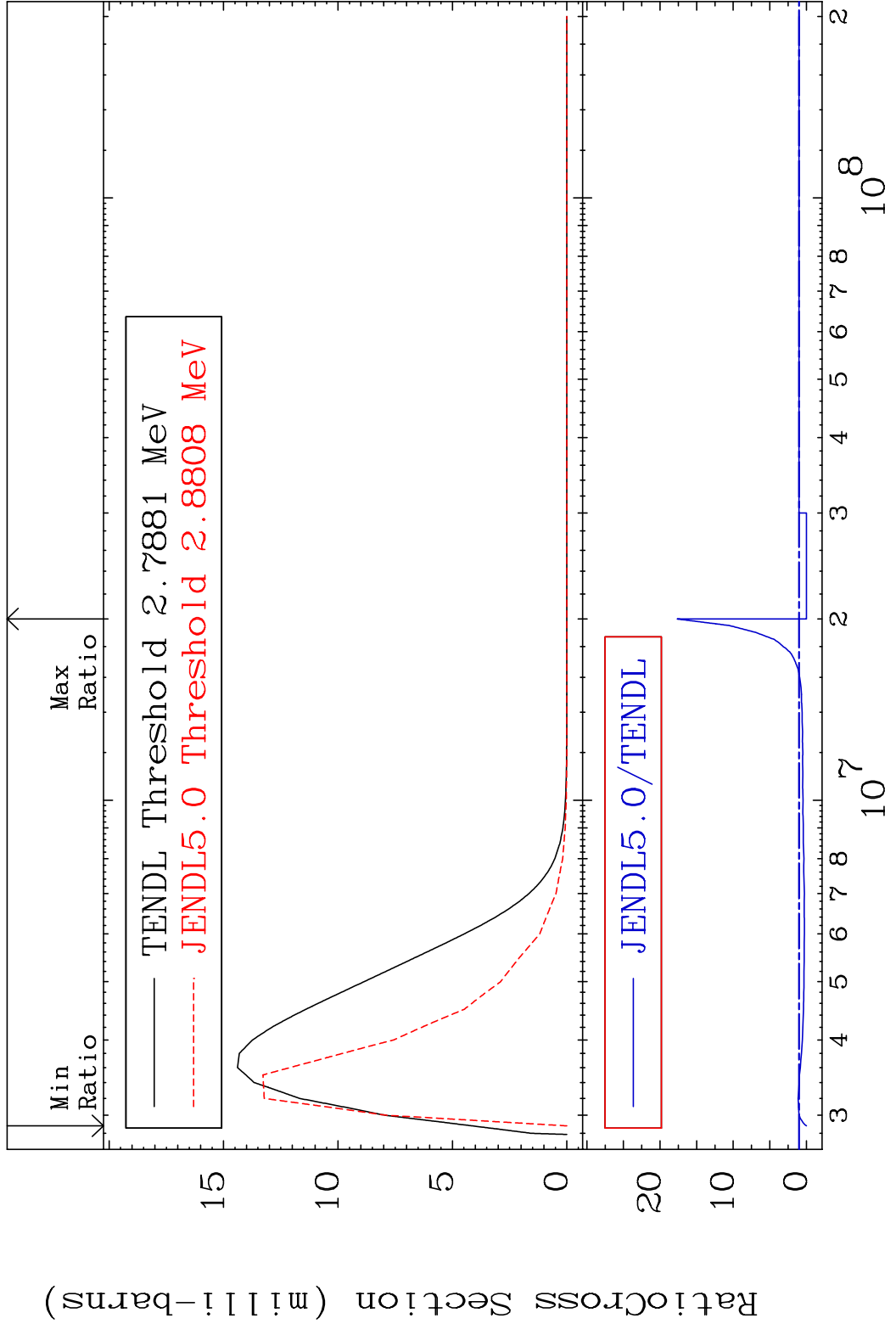
MAT 3237 MT= 72 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %



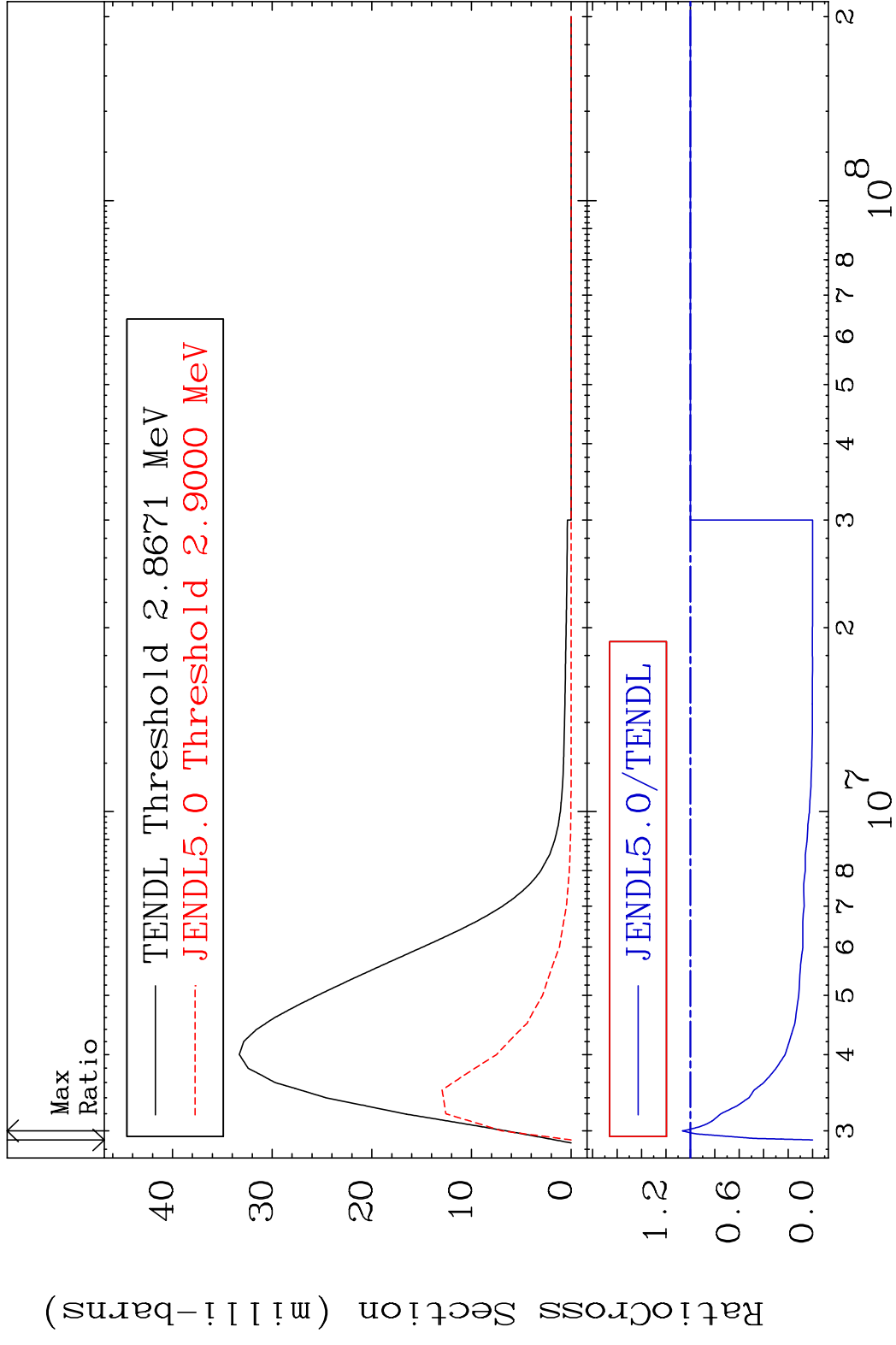
MAT 3237 MT= 73 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 68.01 %



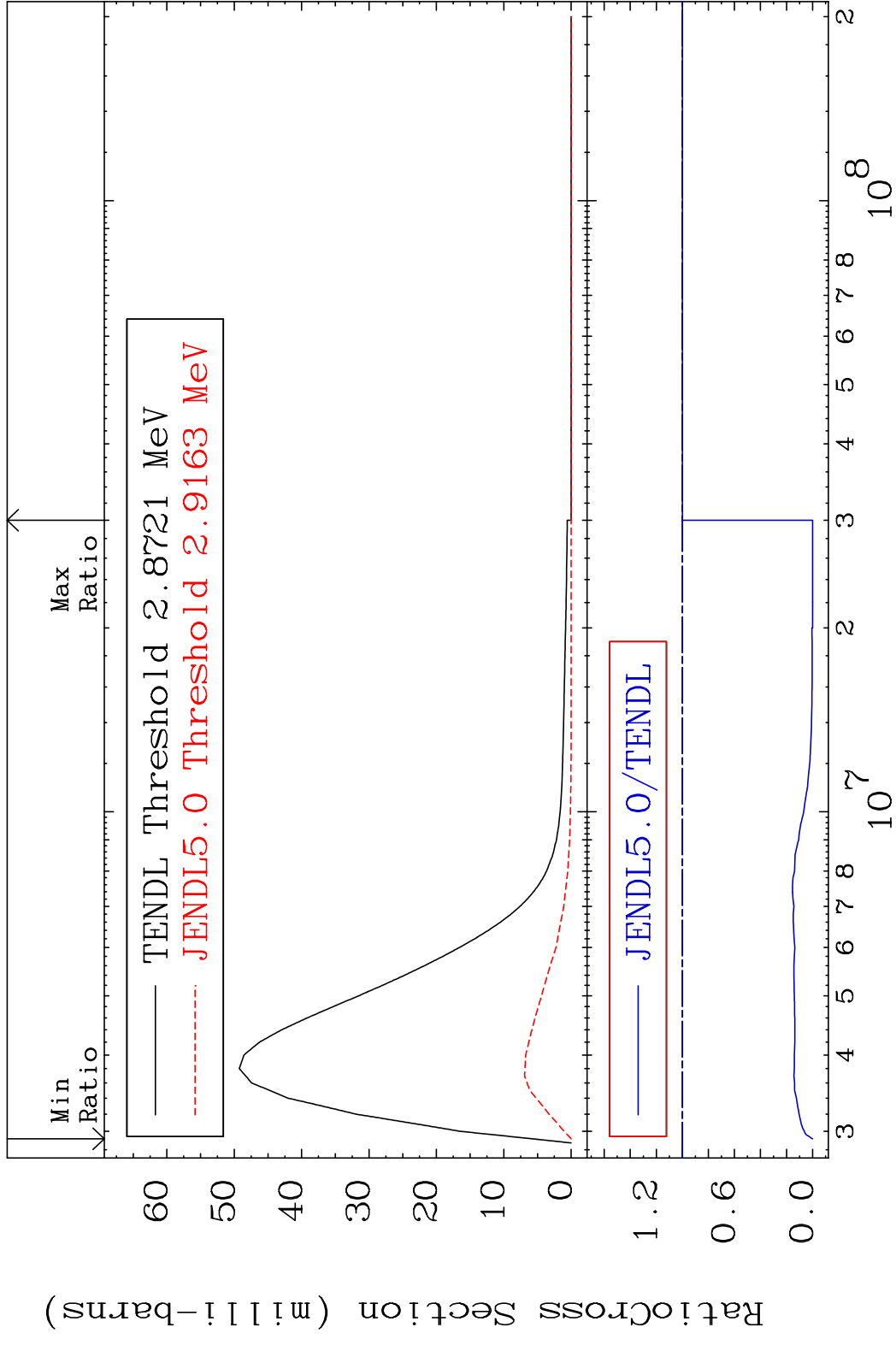
MAT 3237 MT= 74 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 1666. %



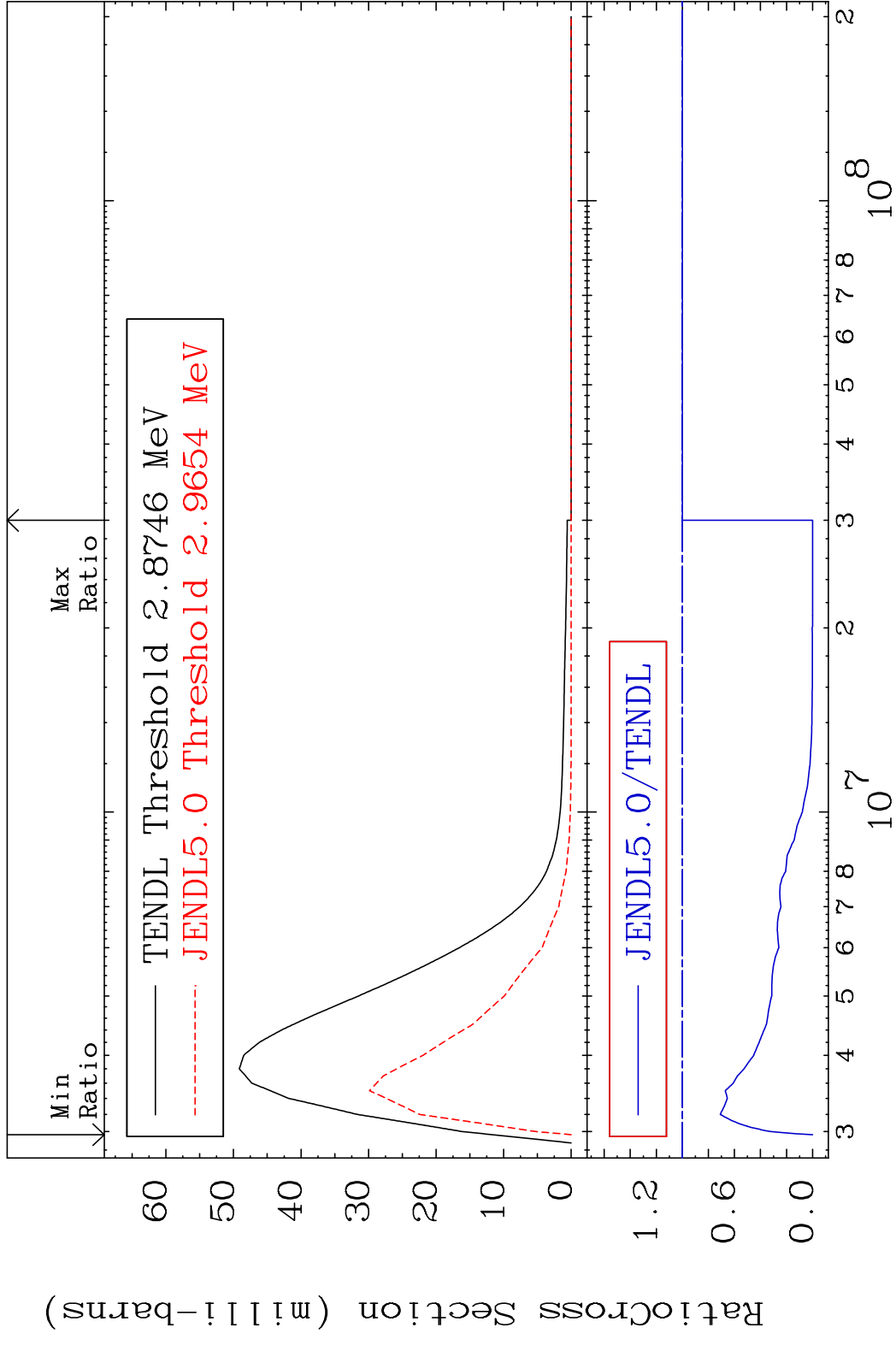
MAT 3237 MT= 75 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 6.574 %



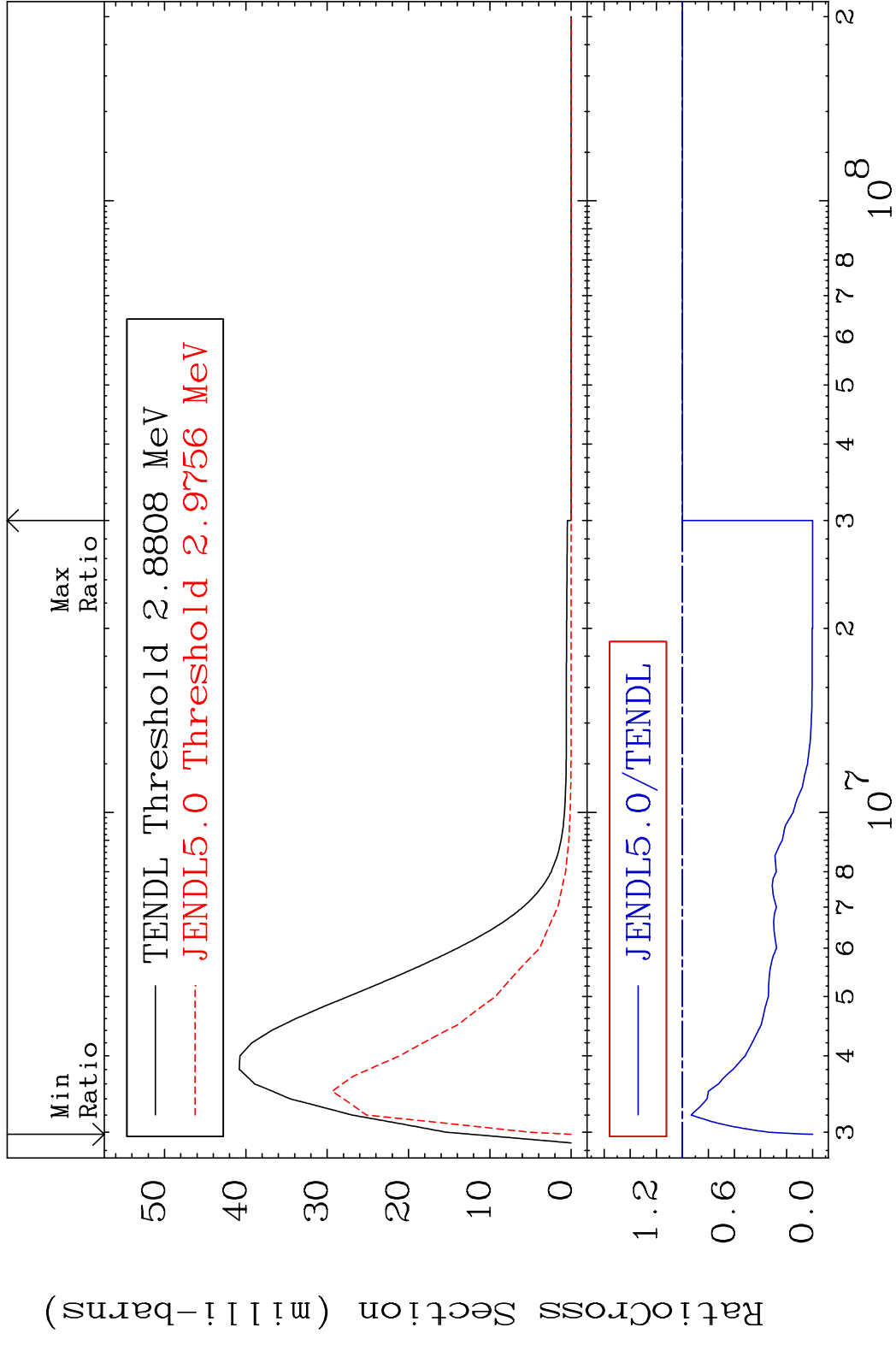
MAT 3237 MT= 76 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %



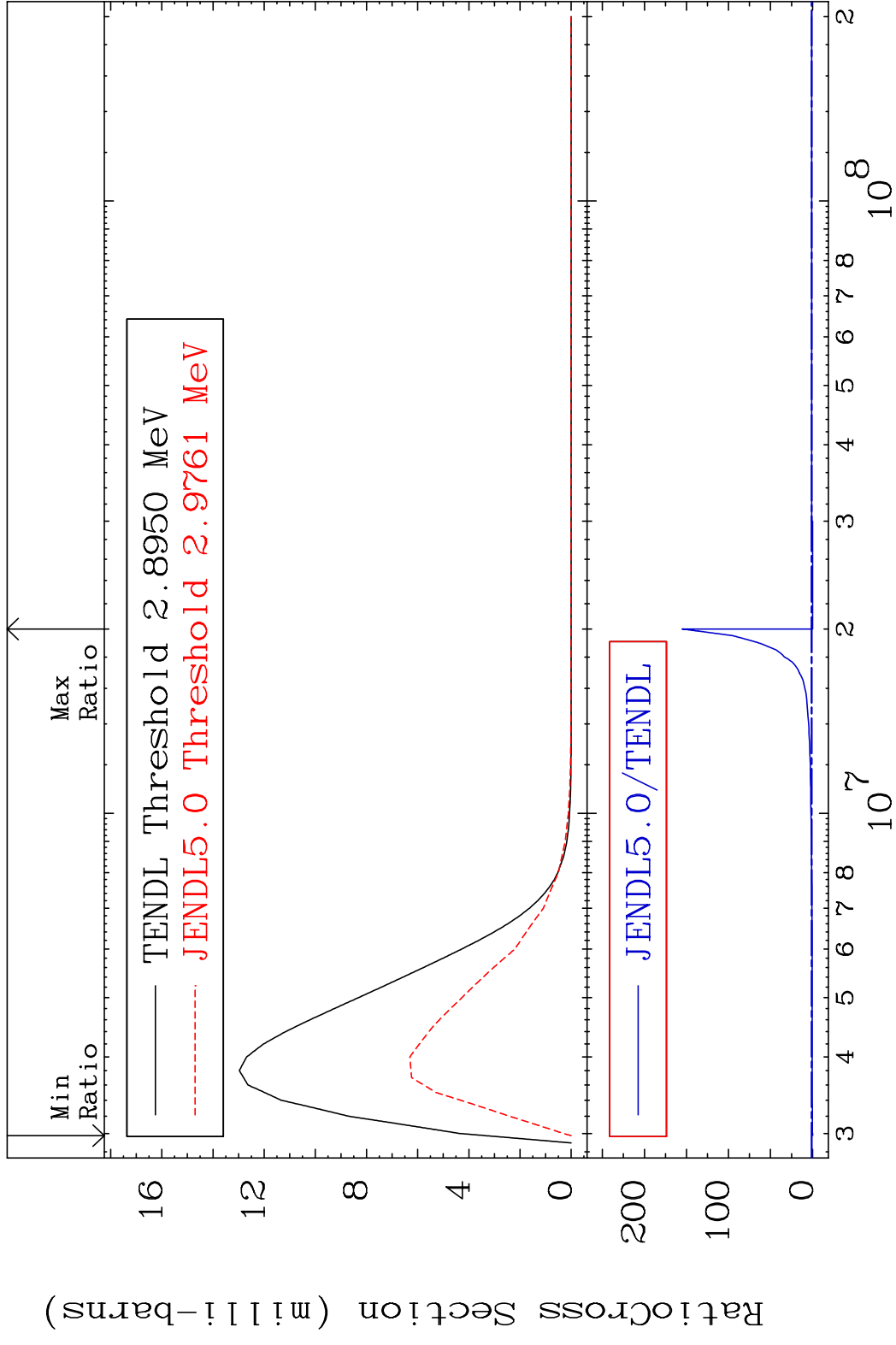
MAT 3237 MT= 77 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %



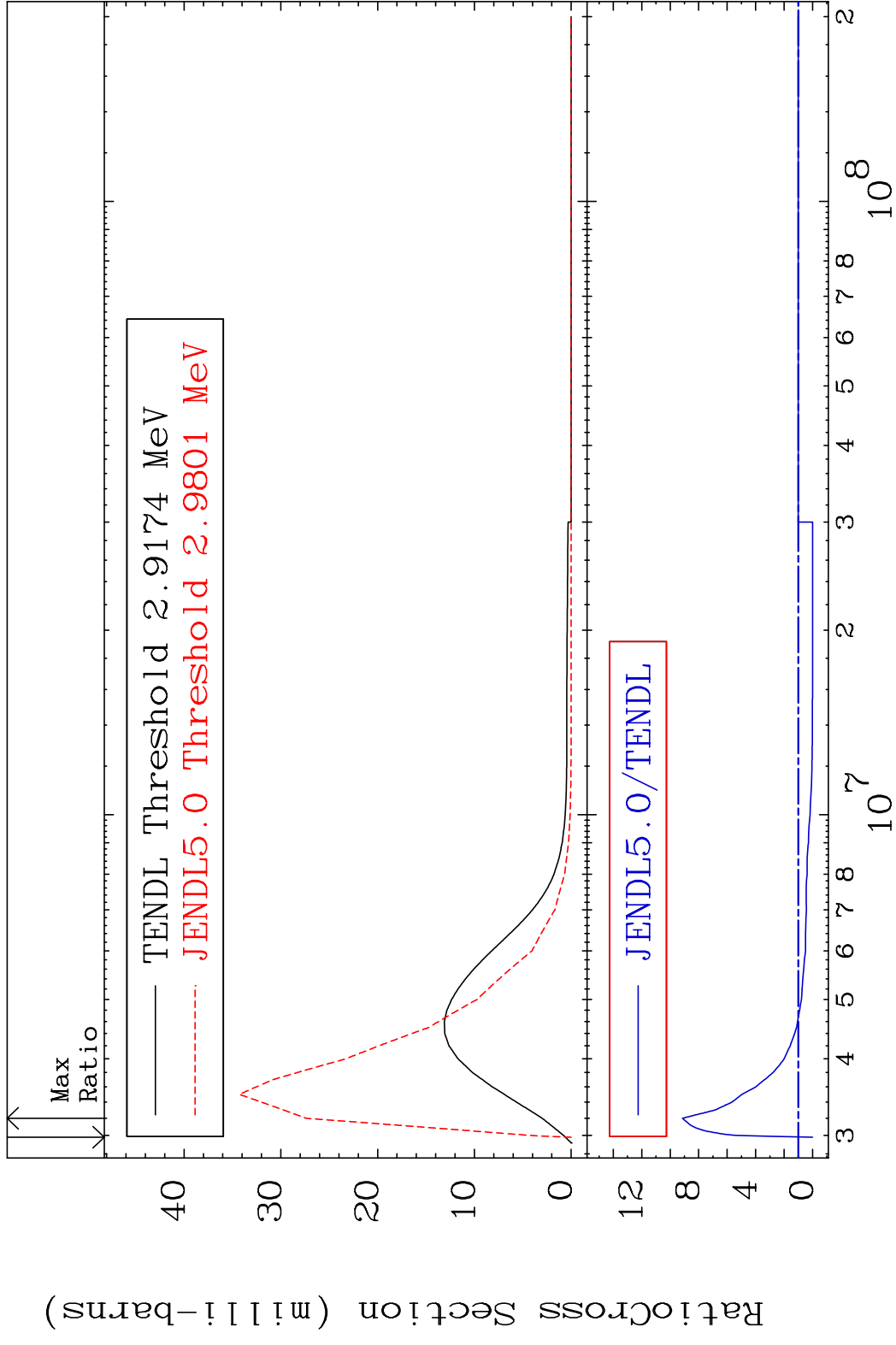
MAT 3237 MT= 78 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 0.000 %



MAT 3237 MT= 79 (n, n') Level 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 MT= 80 (n,n') Level 32-Ge-74
 Cross Section -100.0 To 814.8 %

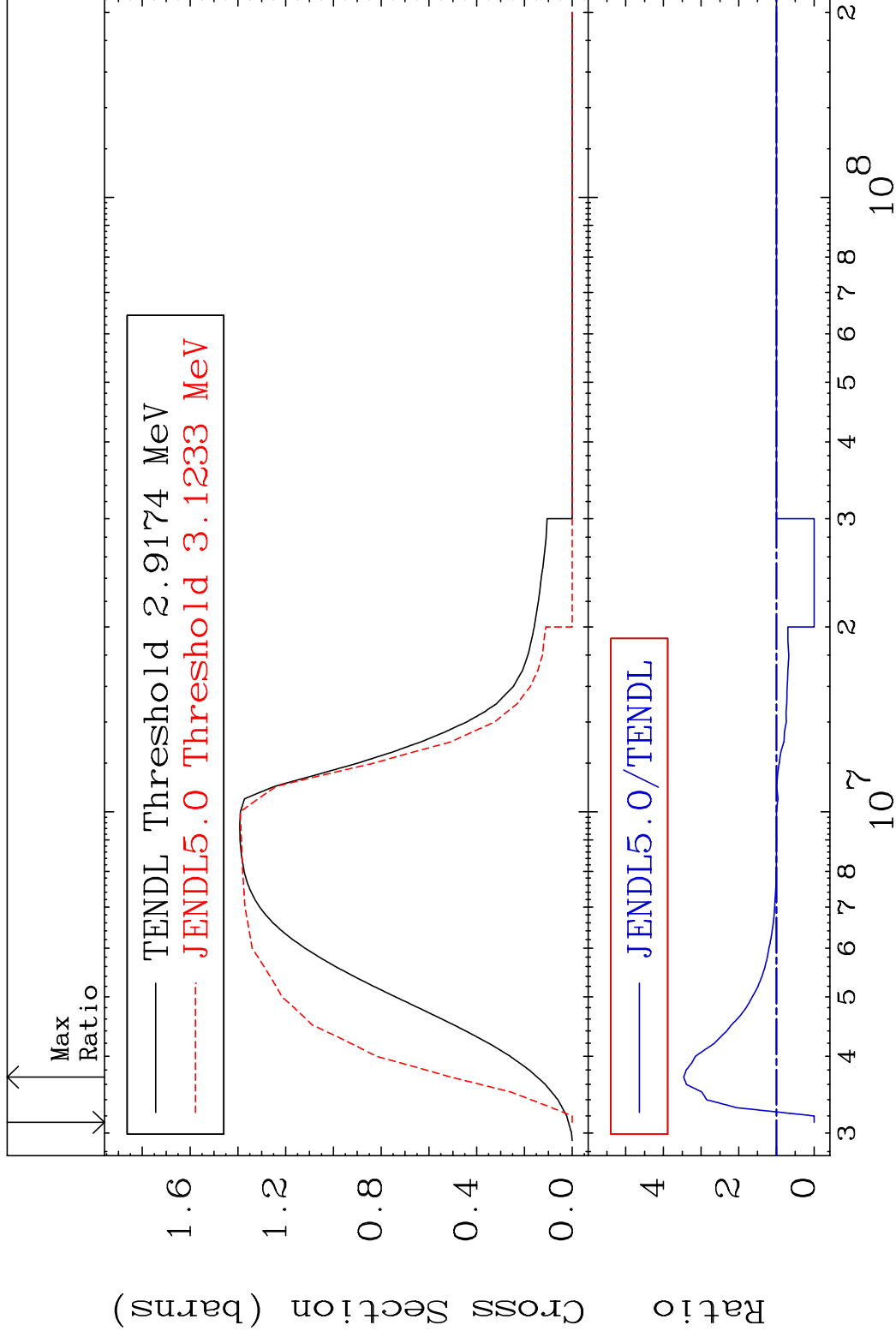


MAT 3237

(n, n') Continuum

32-Ge-74

Cross Section -100.0 To 246.2 %



40

Incident Energy (eV)

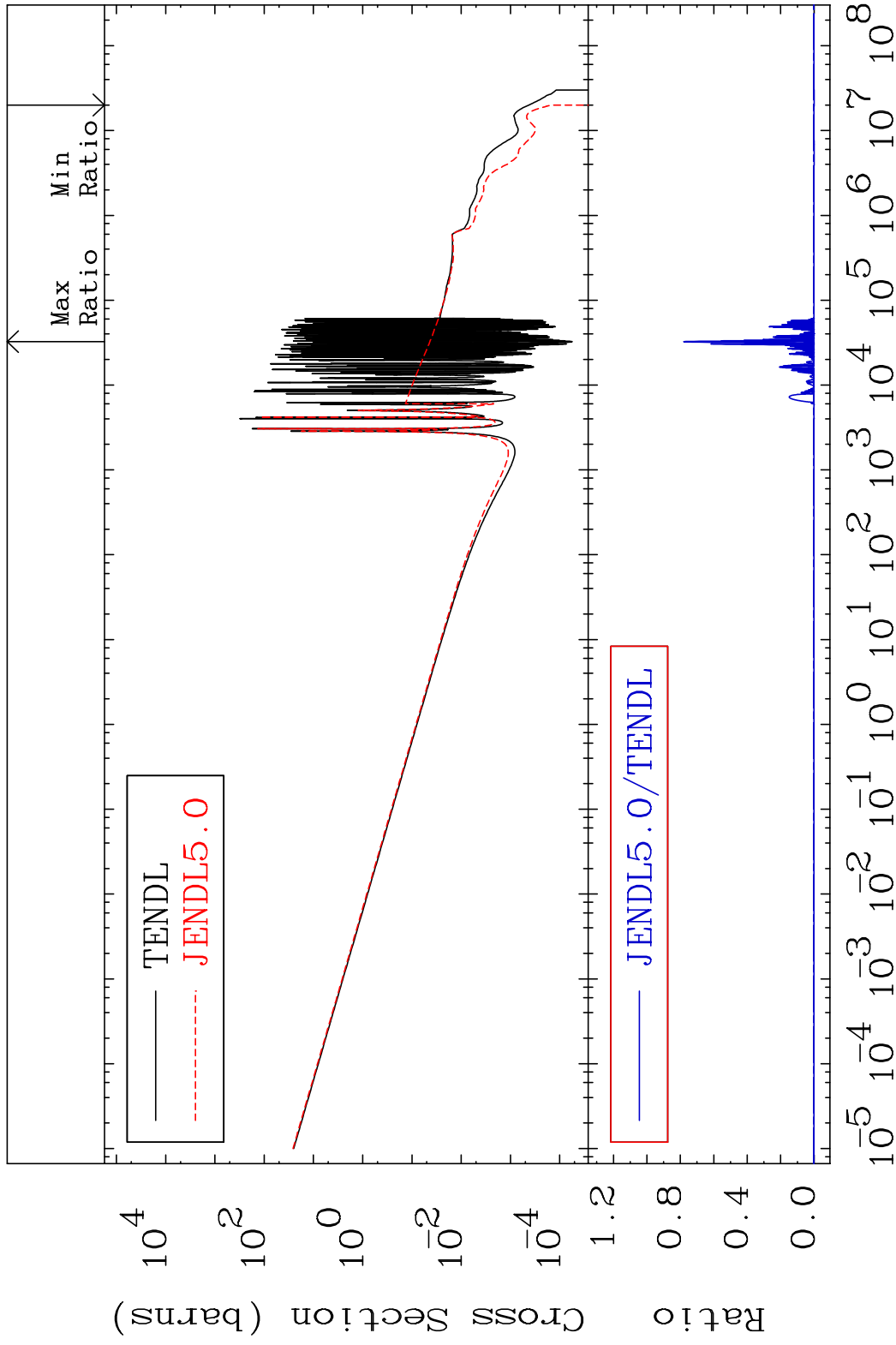
32-Ge-74

MAT 3237

(n, γ)

32-Ge-74

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

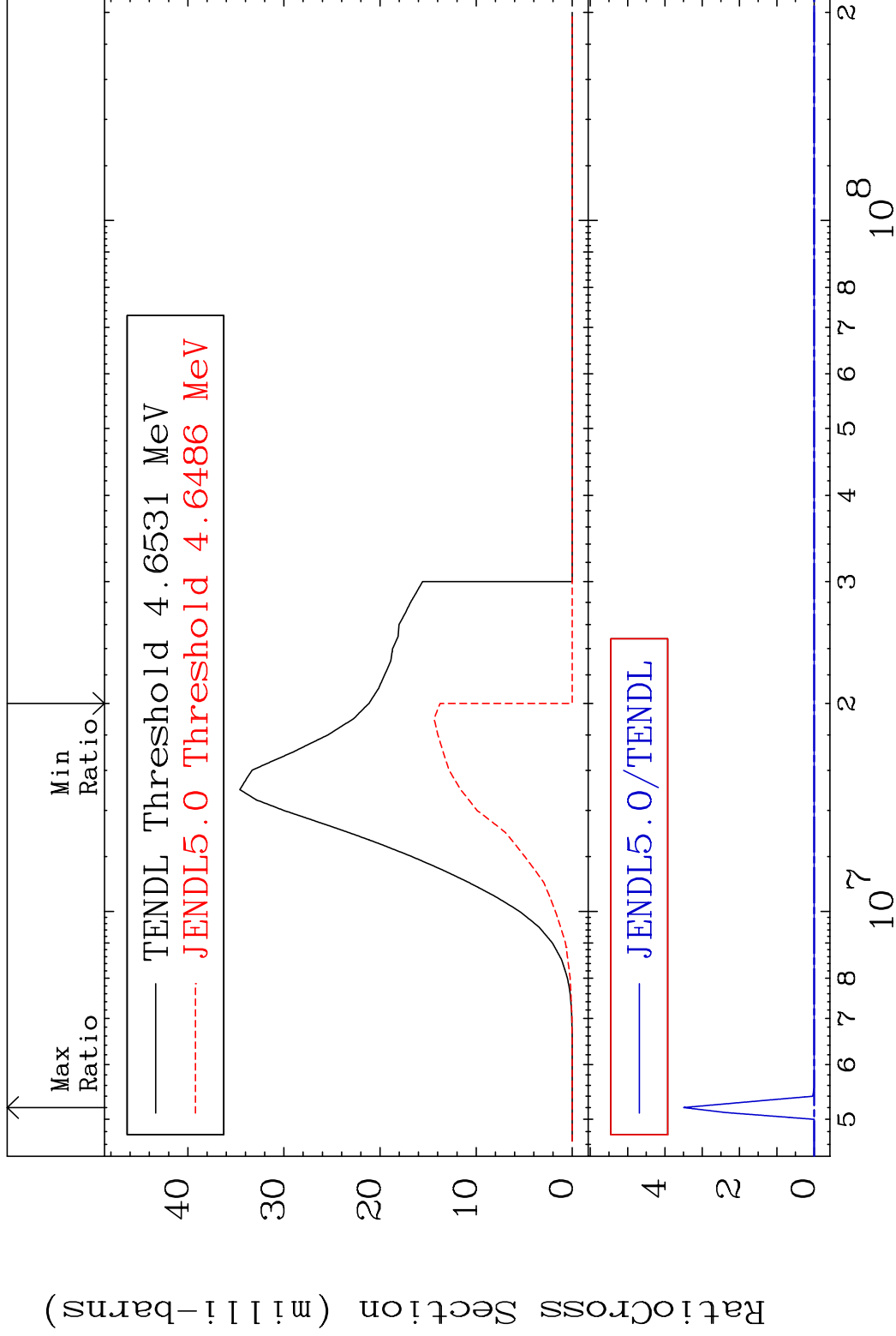
32-Ge-74

MAT 3237

(n,p)

32-Ge-74

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

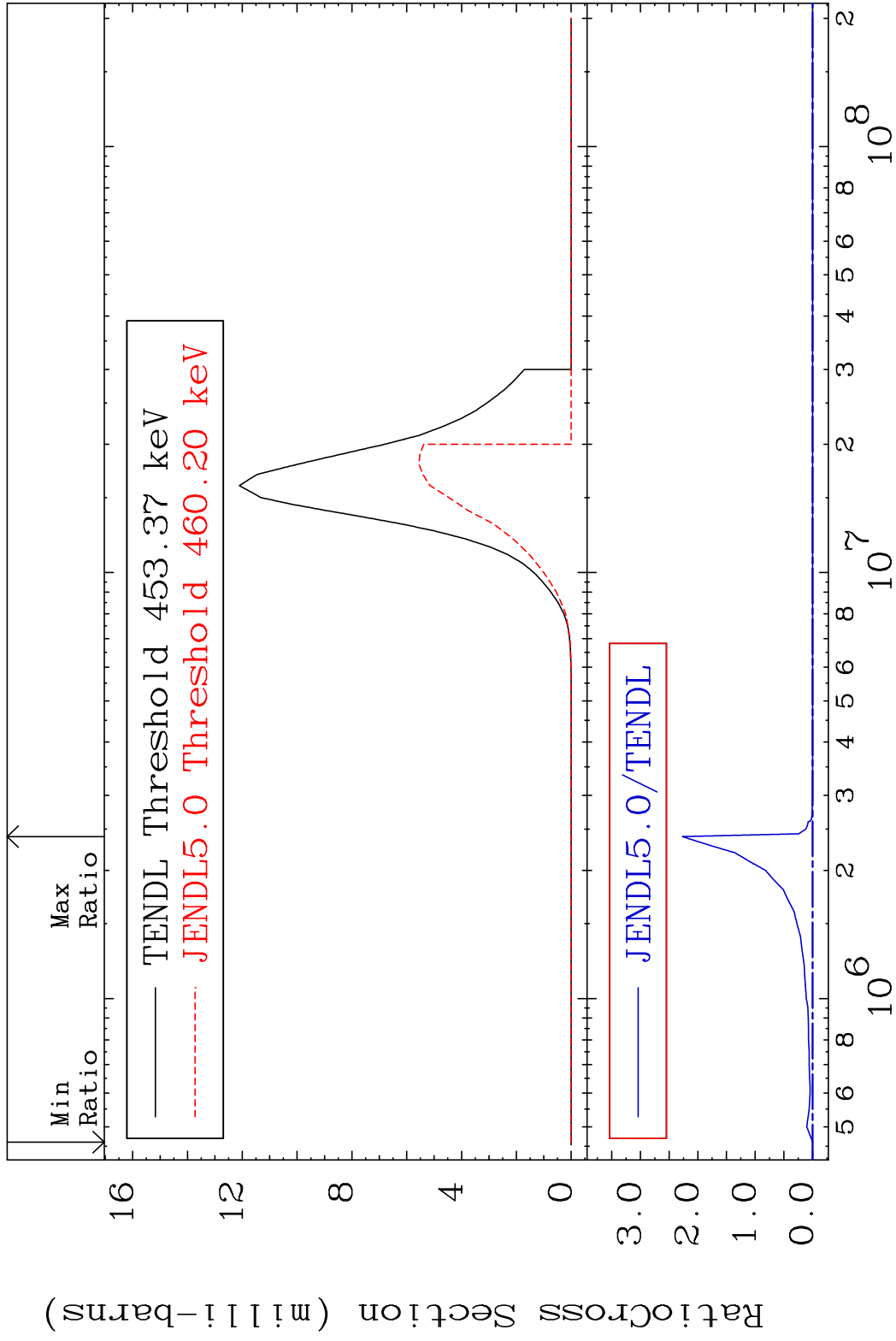
32-Ge-74

MAT 3237

(n, α)

32-Ge-74

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

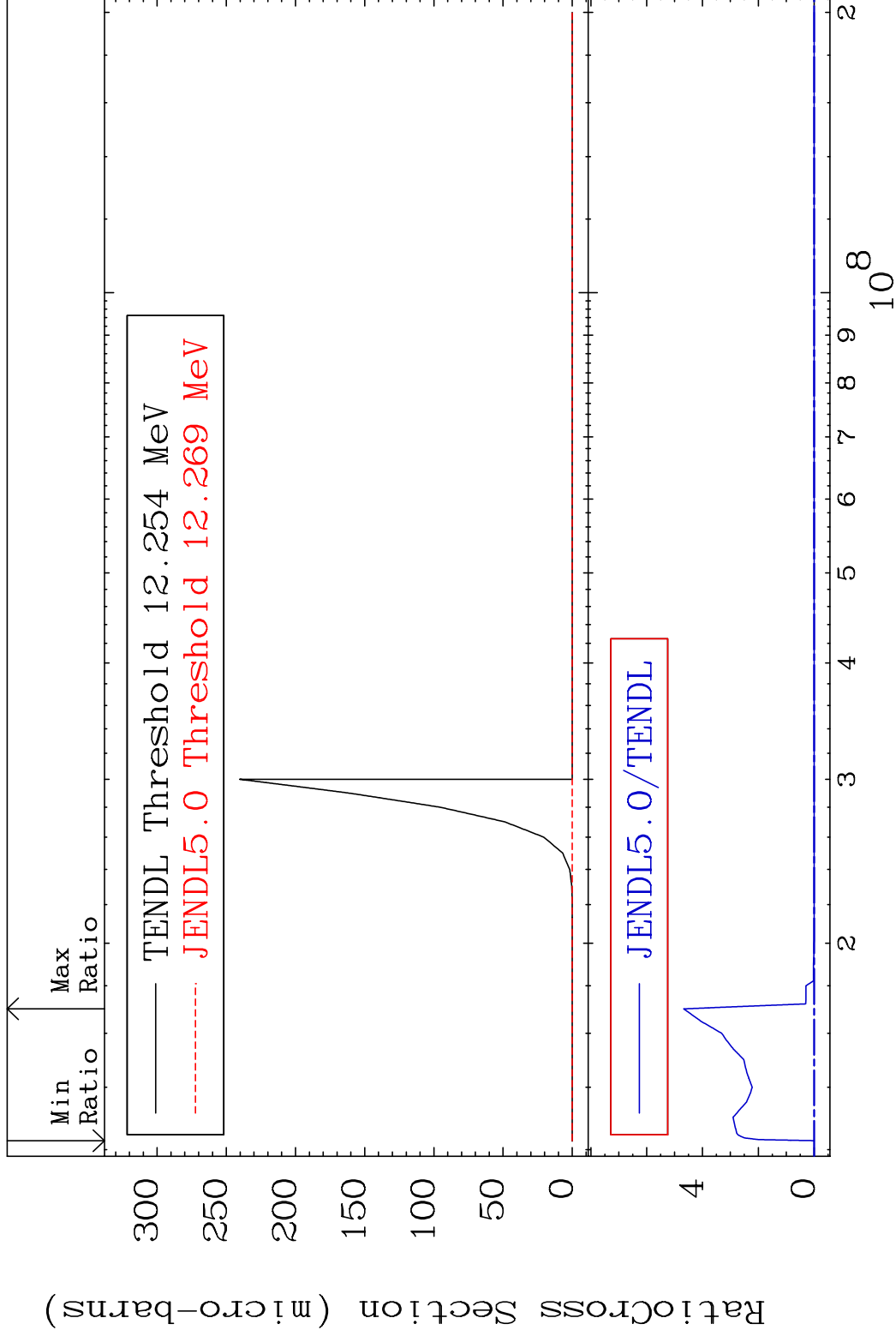
32-Ge-74

MAT 3237

(n,p) α

32-Ge-74

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

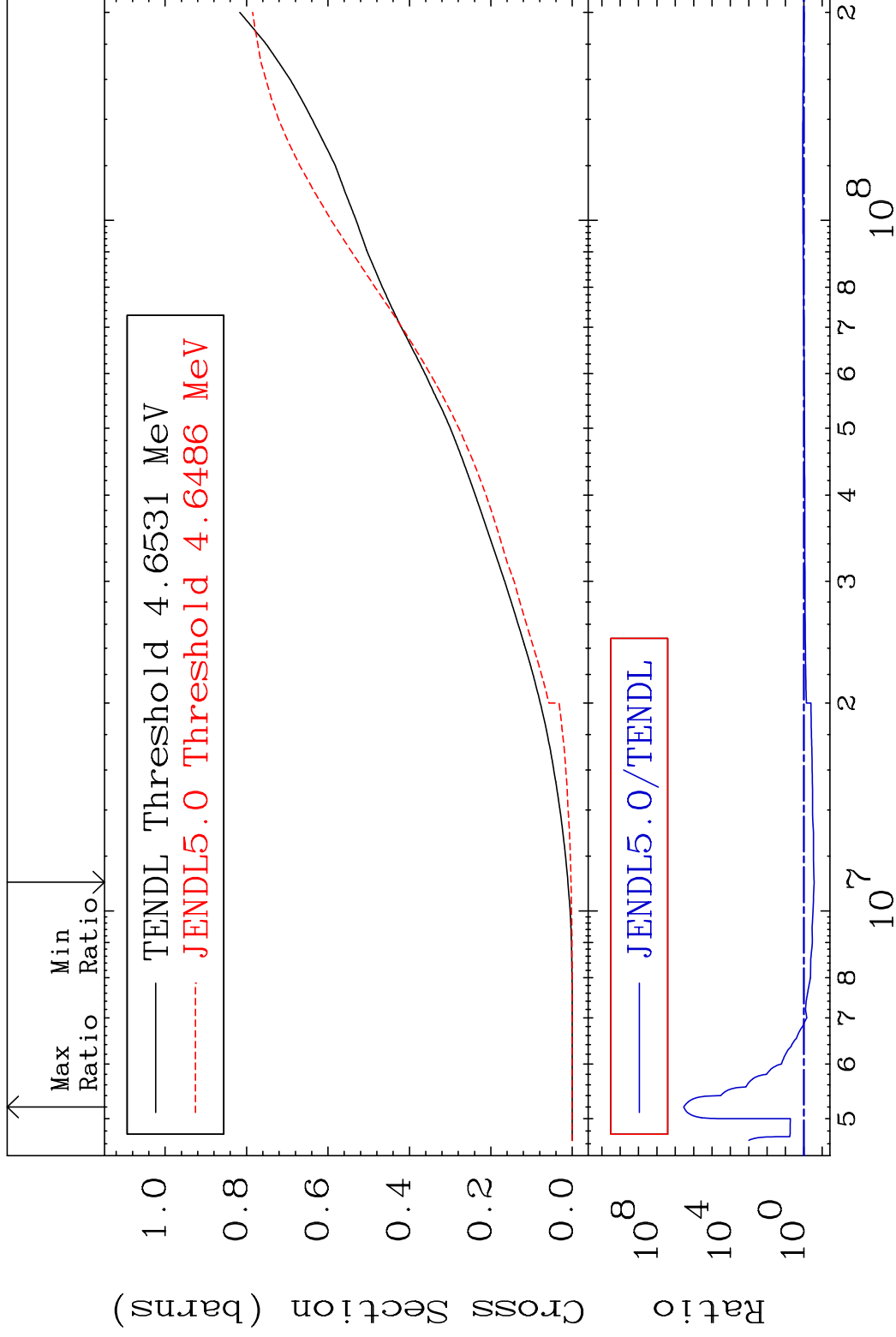
32-Ge-74

MAT 3237

Hydrogen Production

32-Ge-74

Cross Section -72.47 To 9999. %



45

Incident Energy (eV)

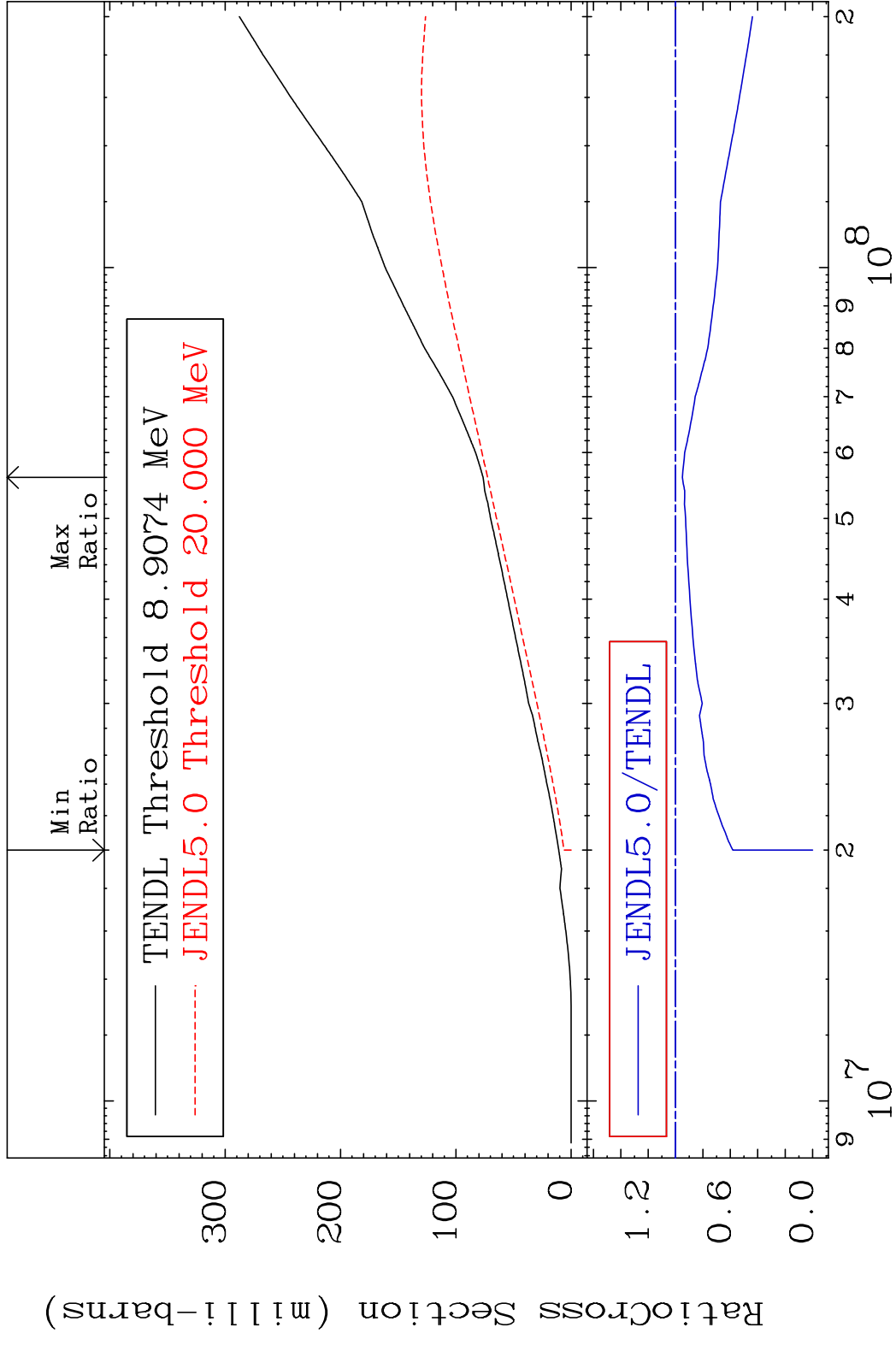
32-Ge-74

MAT 3237

Deuterium Production

³²Ge-74

Cross Section -100.0 To -4.965%



46

Incident Energy (eV)

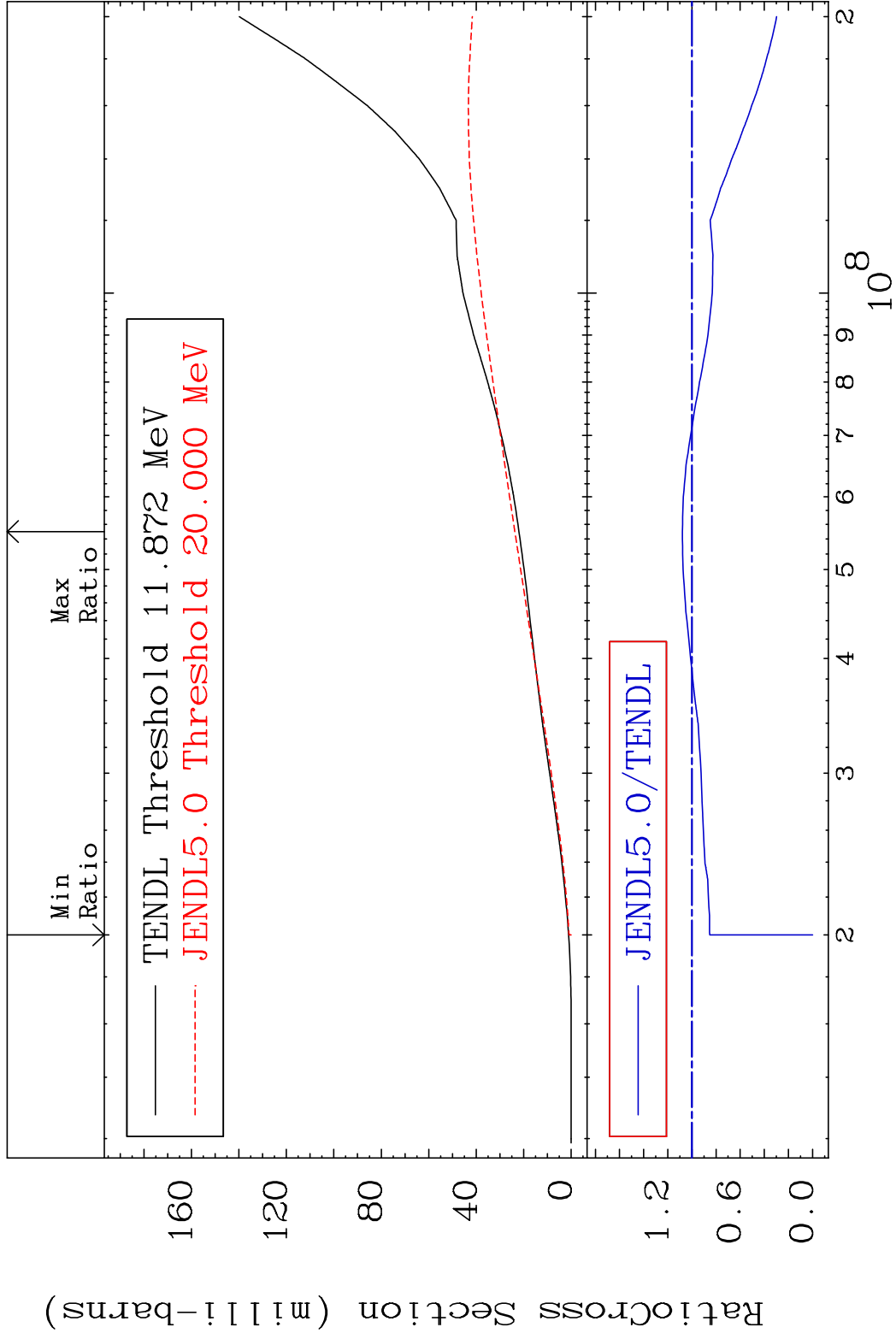
³²Ge-74

MAT 3237

Tritium Production

$^{32}\text{Ge-74}$

Cross Section -100.0 To 7.920 %

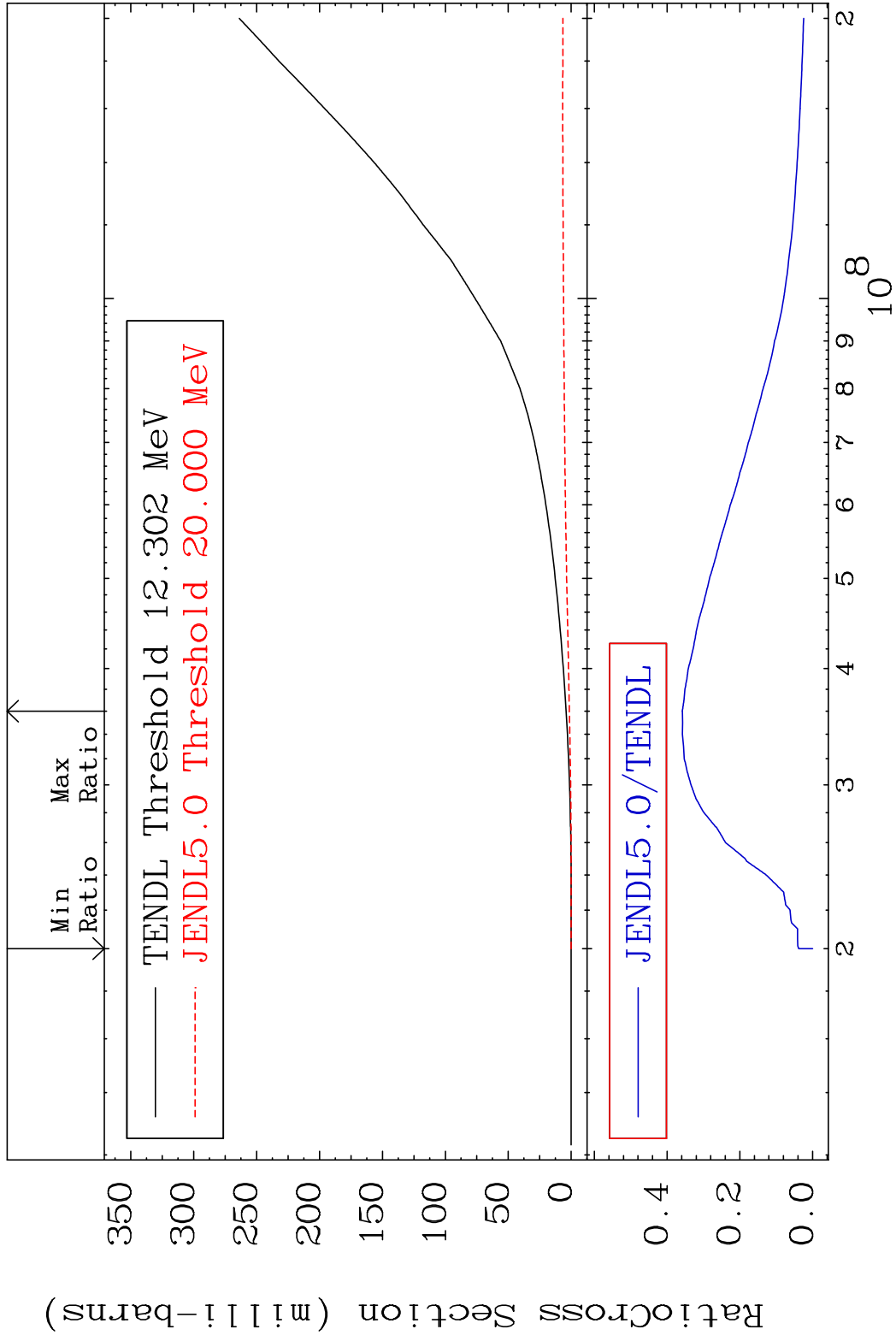


MAT 3237

He-3 Production

32-Ge-74

Cross Section -100.0 To -64.19%



48

Incident Energy (eV)

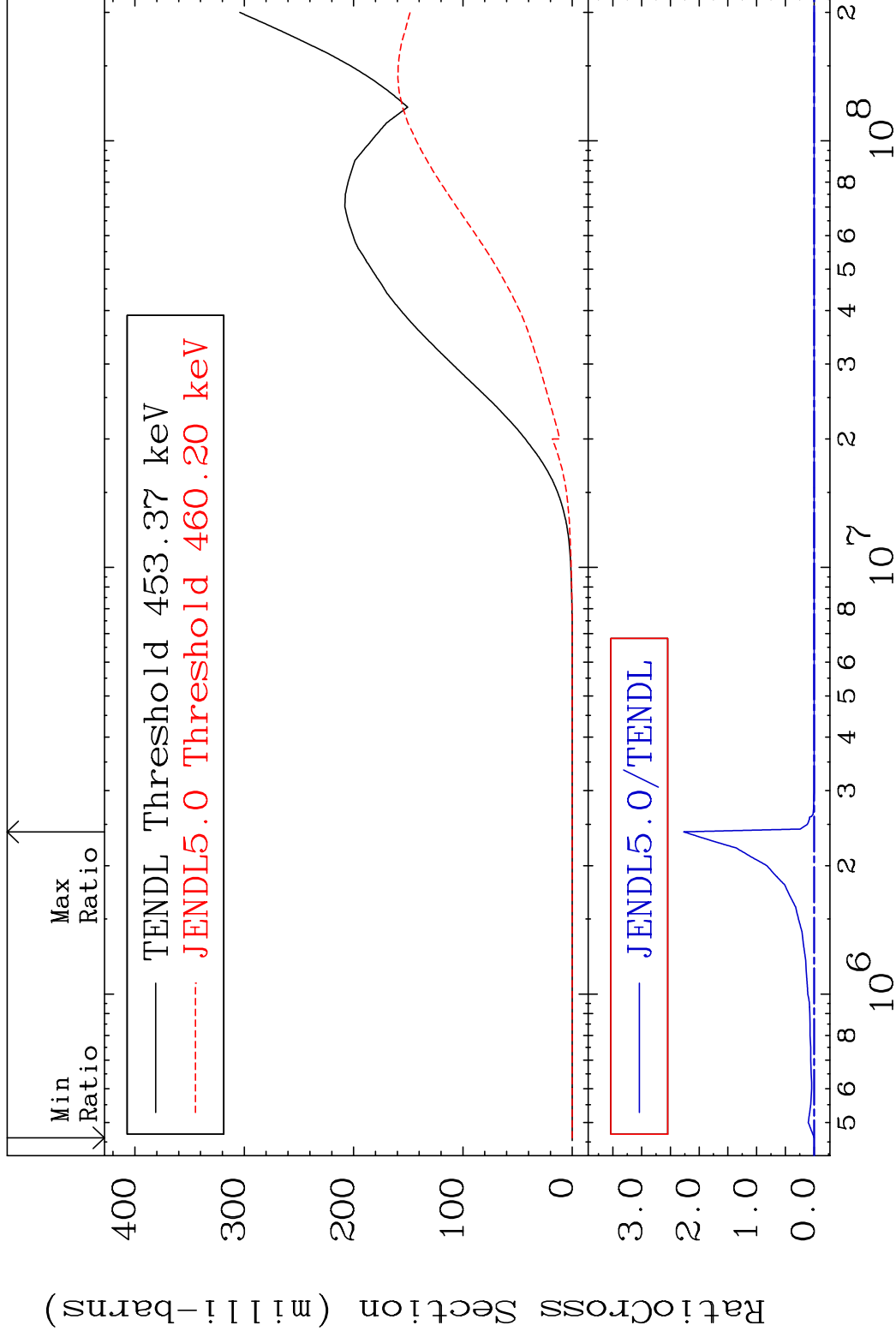
32-Ge-74

MAT 3237

He-4 Production

32-Ge-74

Cross Section -100.0 To 9999. %

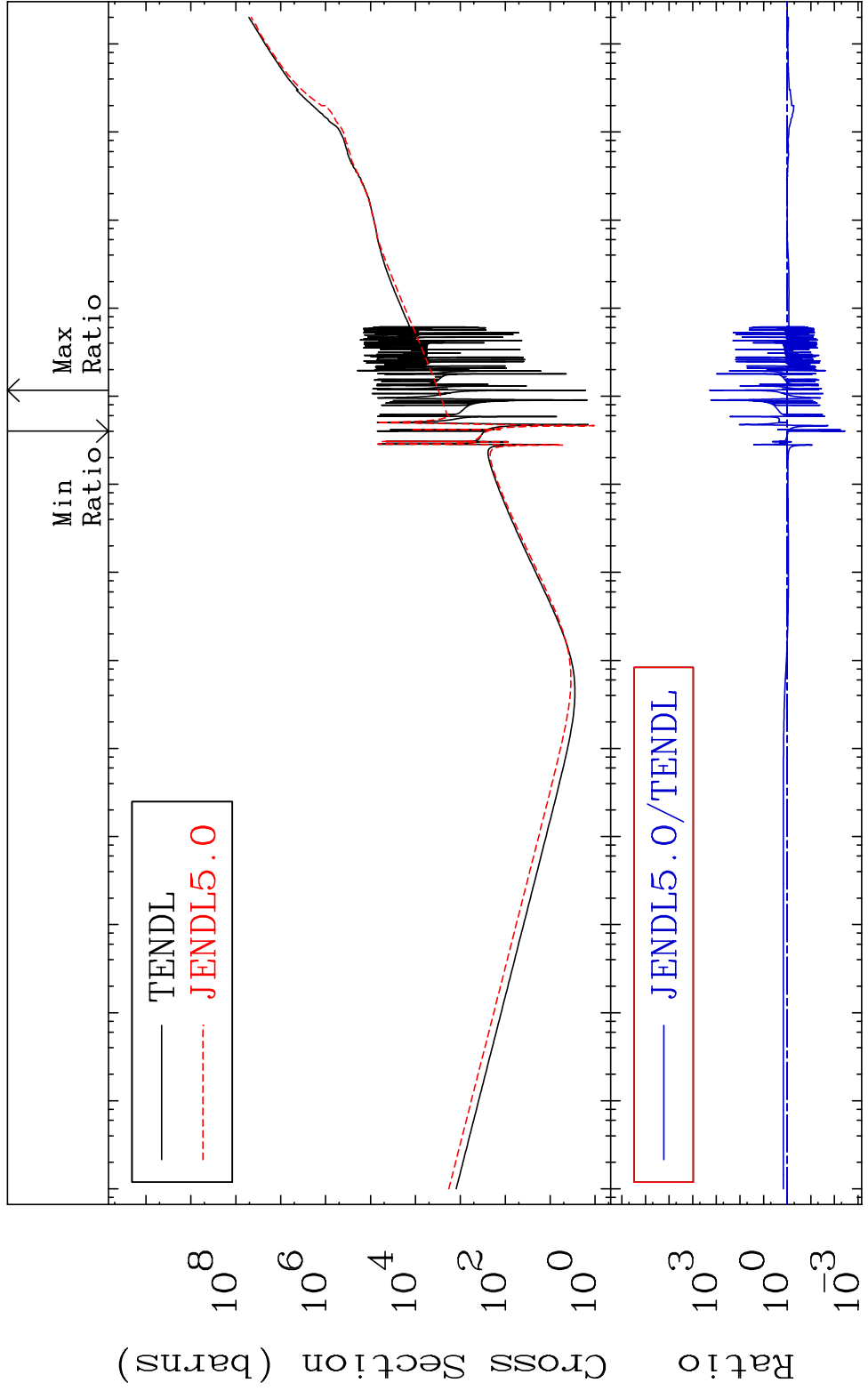


49

Incident Energy (eV)

32-Ge-74

MAT 3237 Kerma total (eV-barns) 32-Ge-74
 Cross Section -99.65 To 9999. %

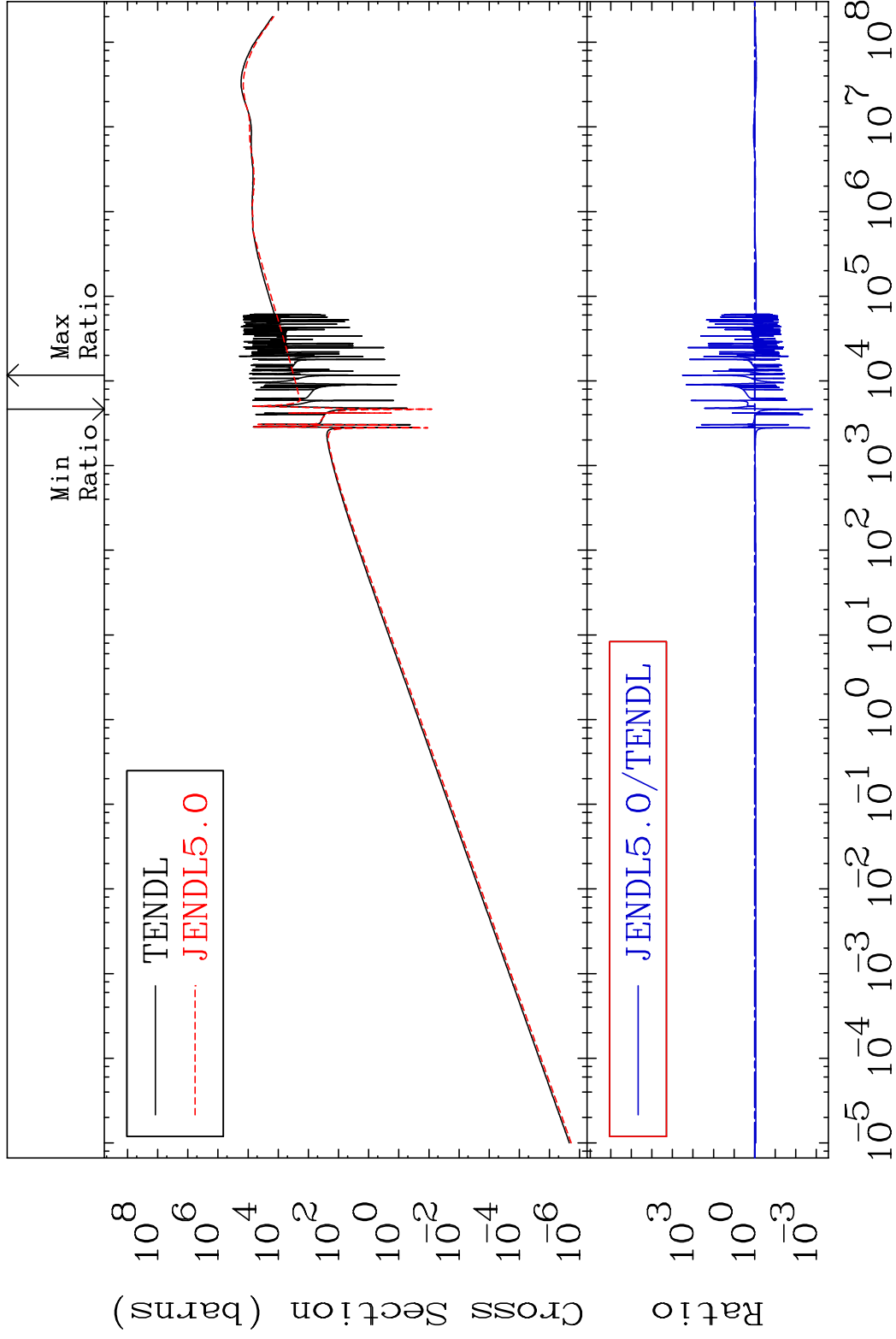


50 Incident Energy (eV) 32-Ge-74

MAT 3237

Kerma elastic
Cross Section

32-Ge-74
-99.85 To 9999. %

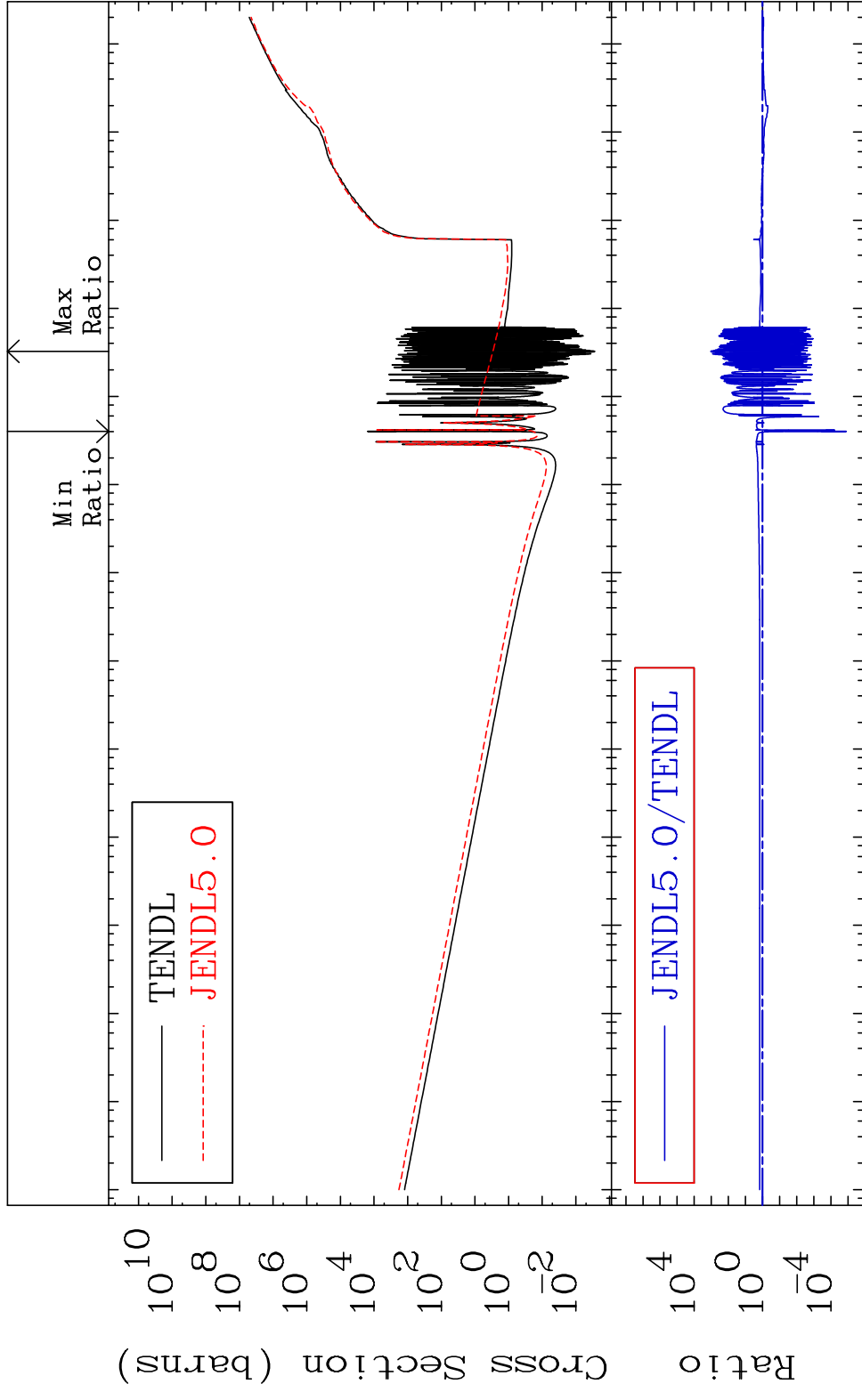


51

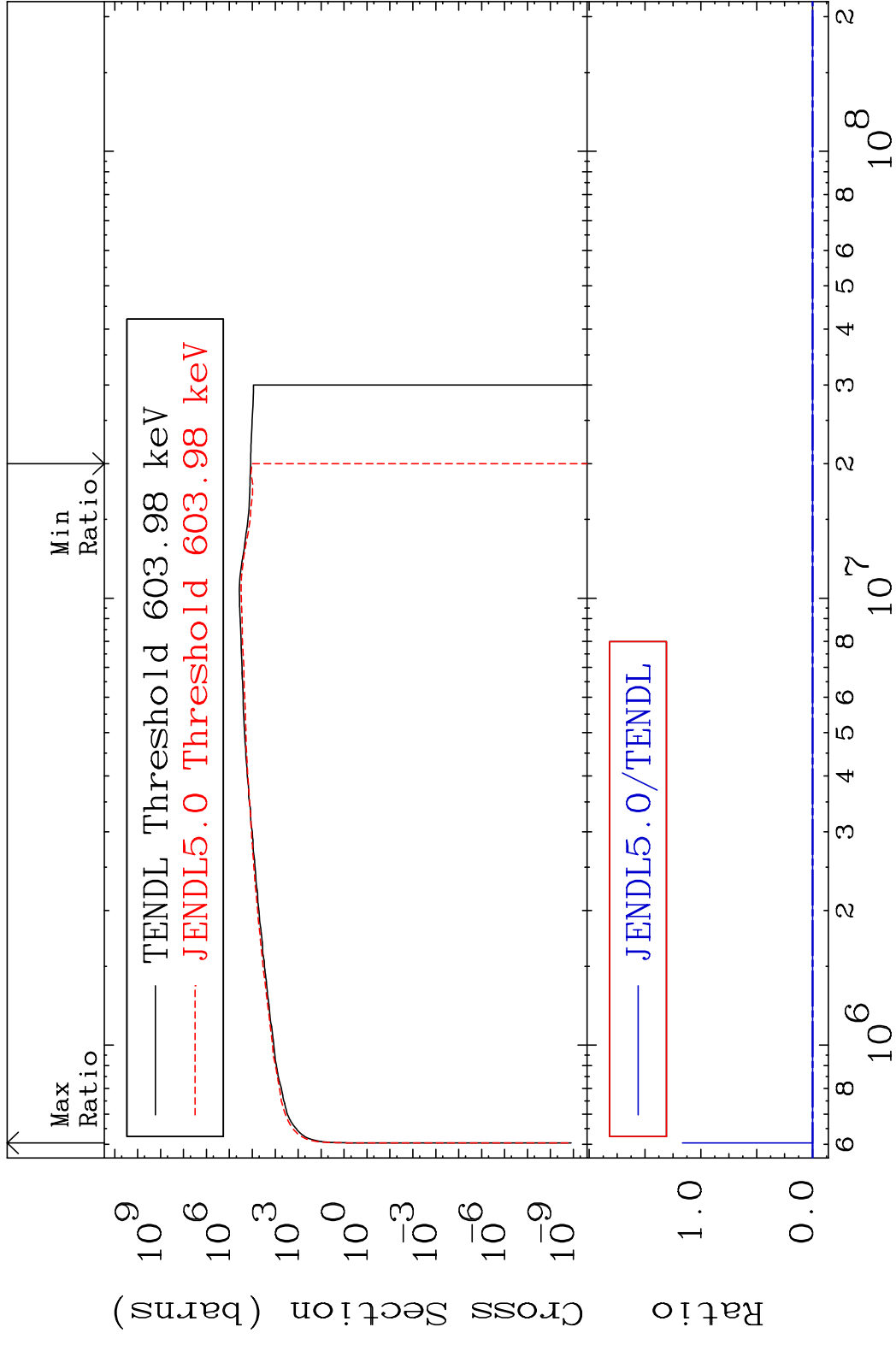
Incident Energy (eV)

32-Ge-74

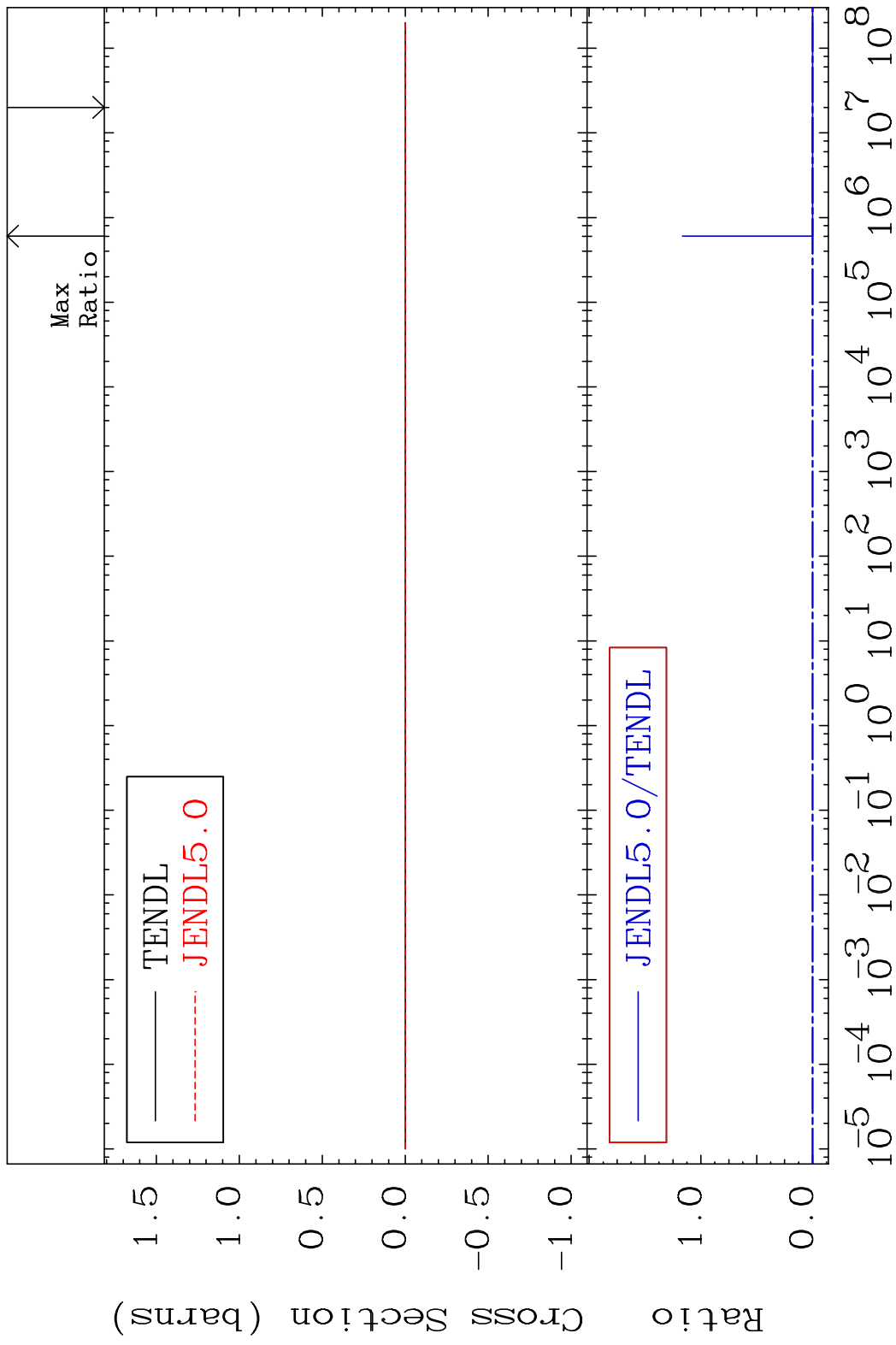
MAT 3237 Kerma non-elastic (all but mt2) 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 Kerma inelastic (mt51-91) 32-Ge-74
 Cross Section -100.0 To 9999. %

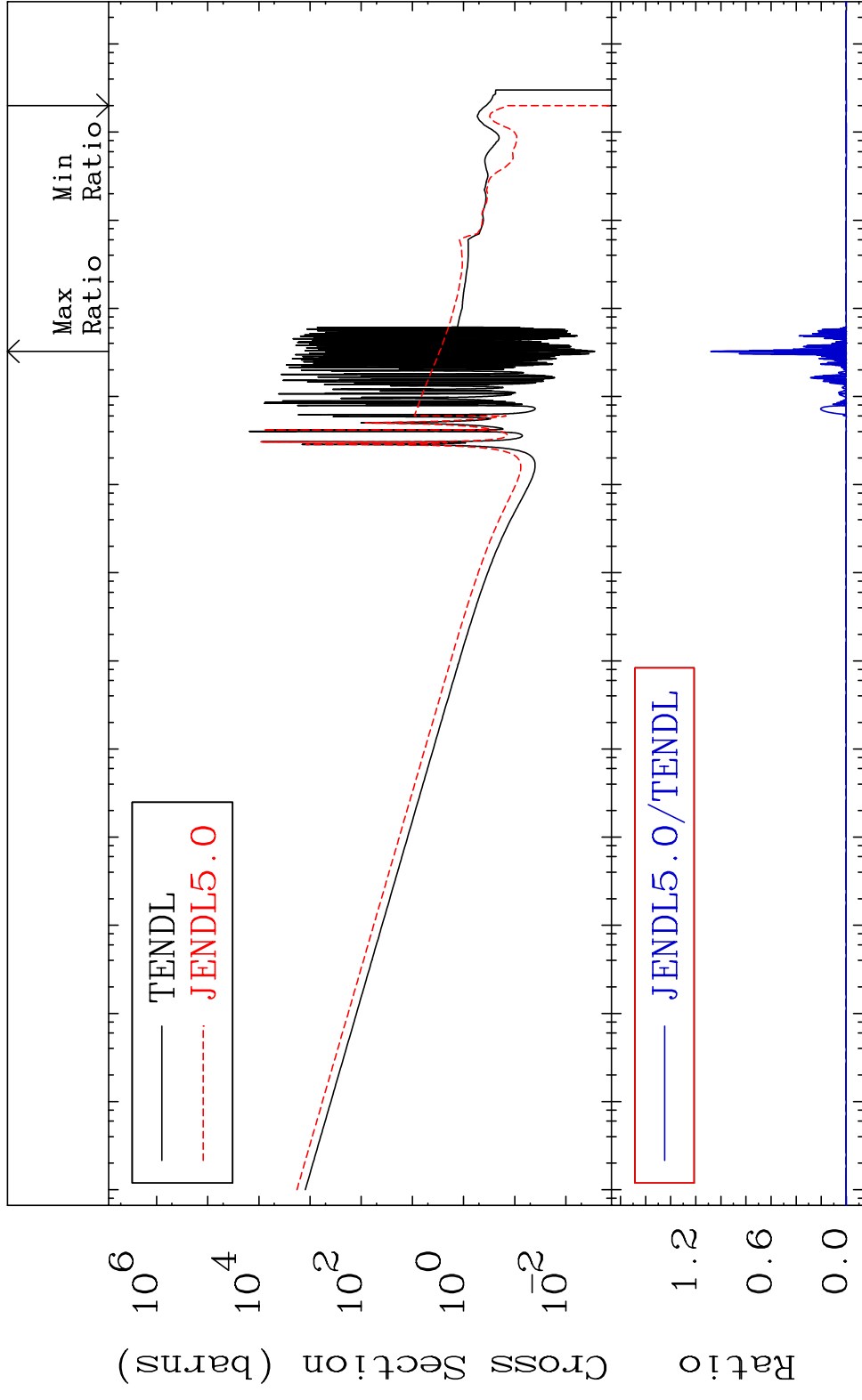


MAT 3237 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-74
 Cross Section -100.0 To 9999. %

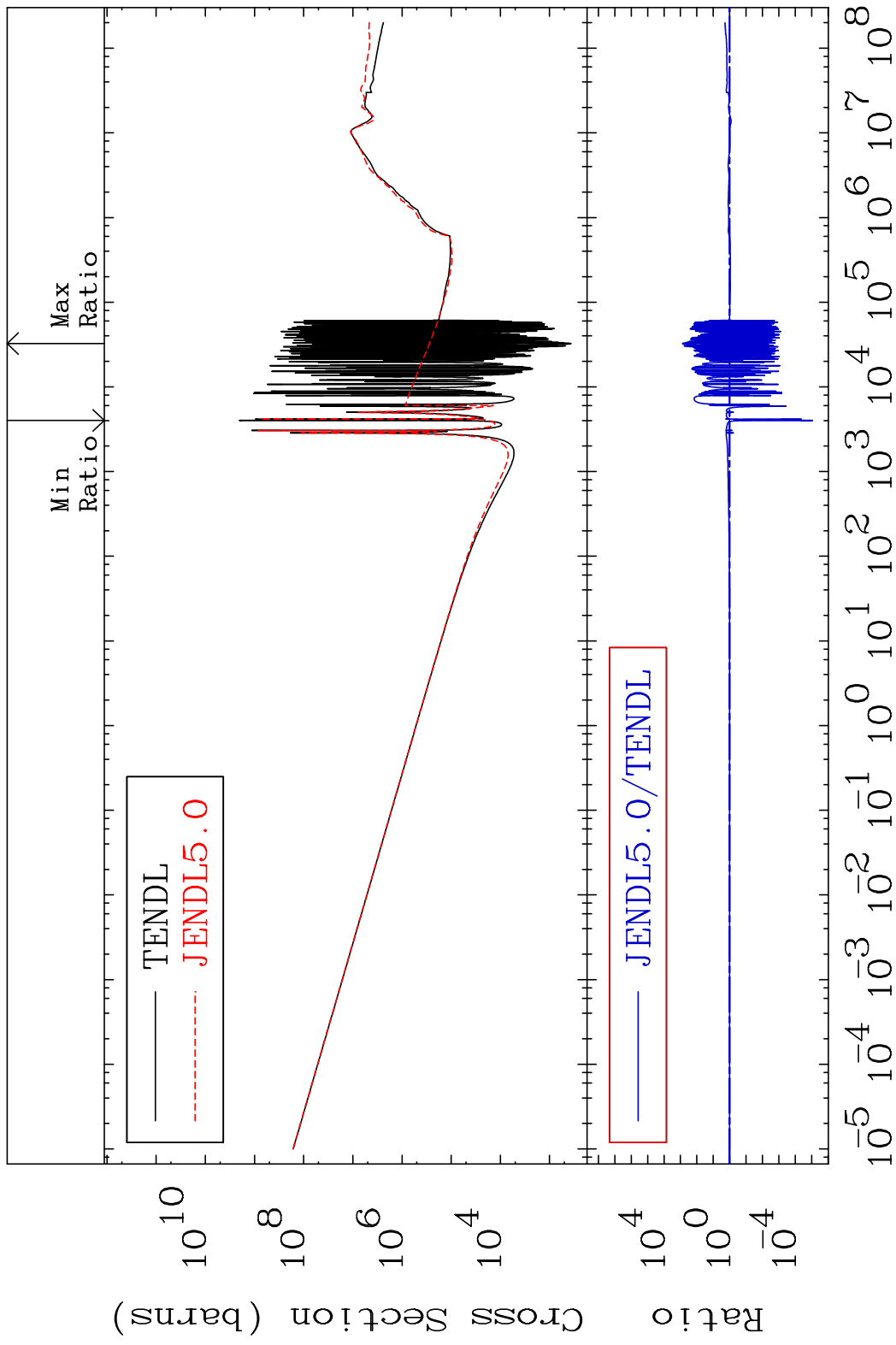


MAT 3237

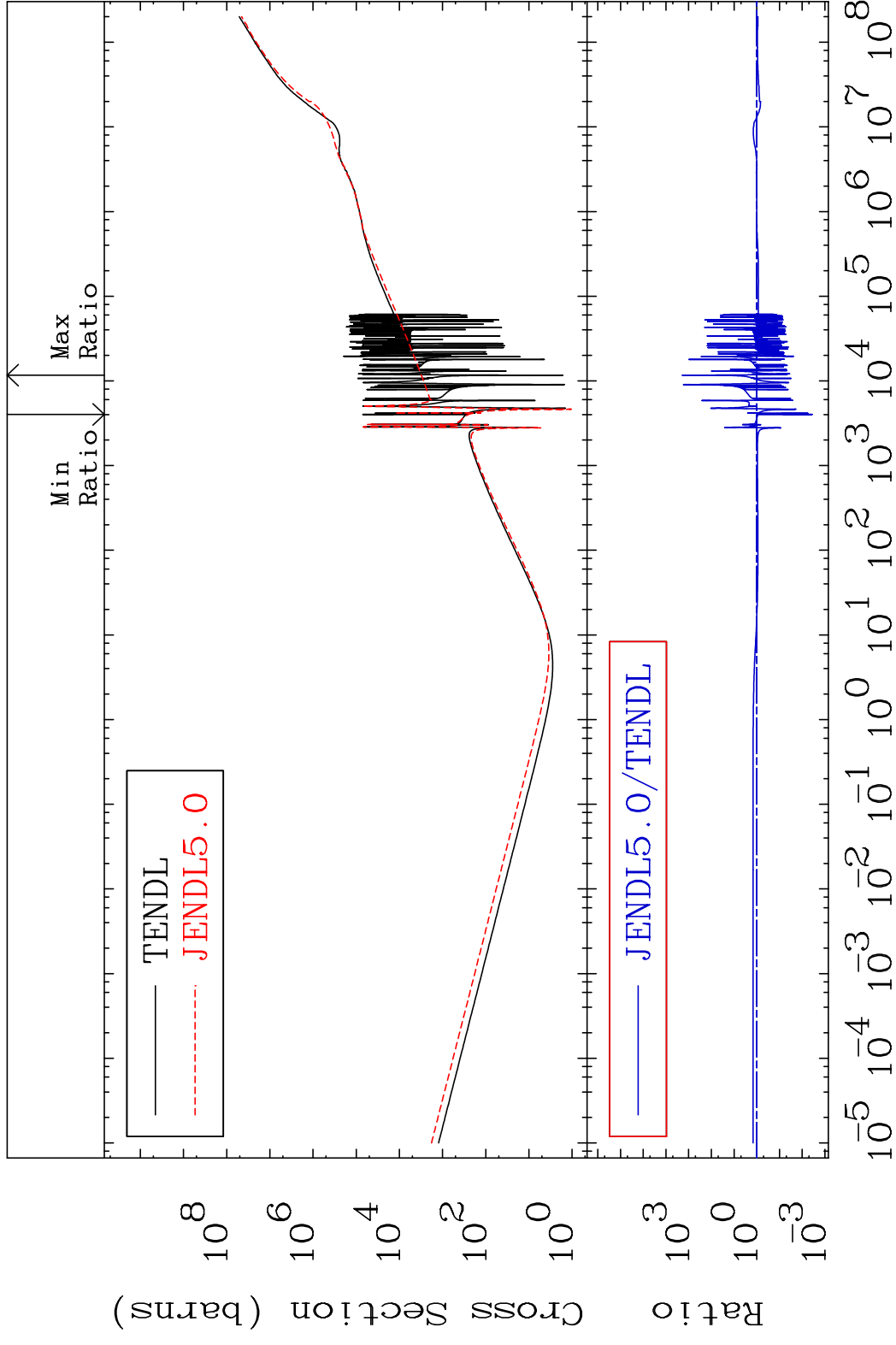
Kerma capture (mt102) 32-Ge-74
Cross Section -100.0 To 9999. %



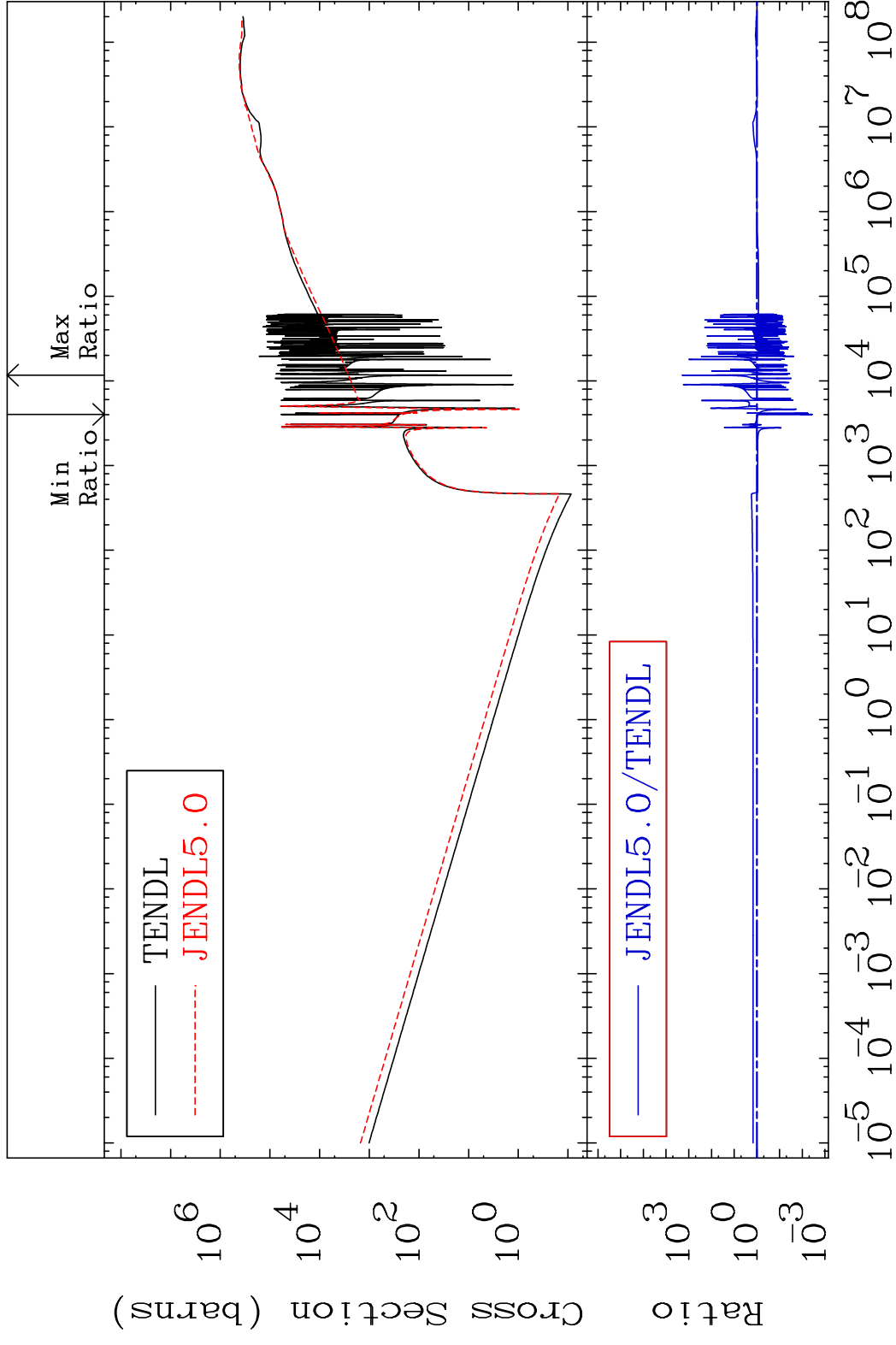
MAT 3237 Total photon (eV-barns) 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 Total kinematic kerma (high limit) 32-Ge-74
 Cross Section -99.65 To 9999. %



MAT 3237 Dpa total (eV-barns) 32-Ge-74
 Cross Section -99.65 To 9999. %

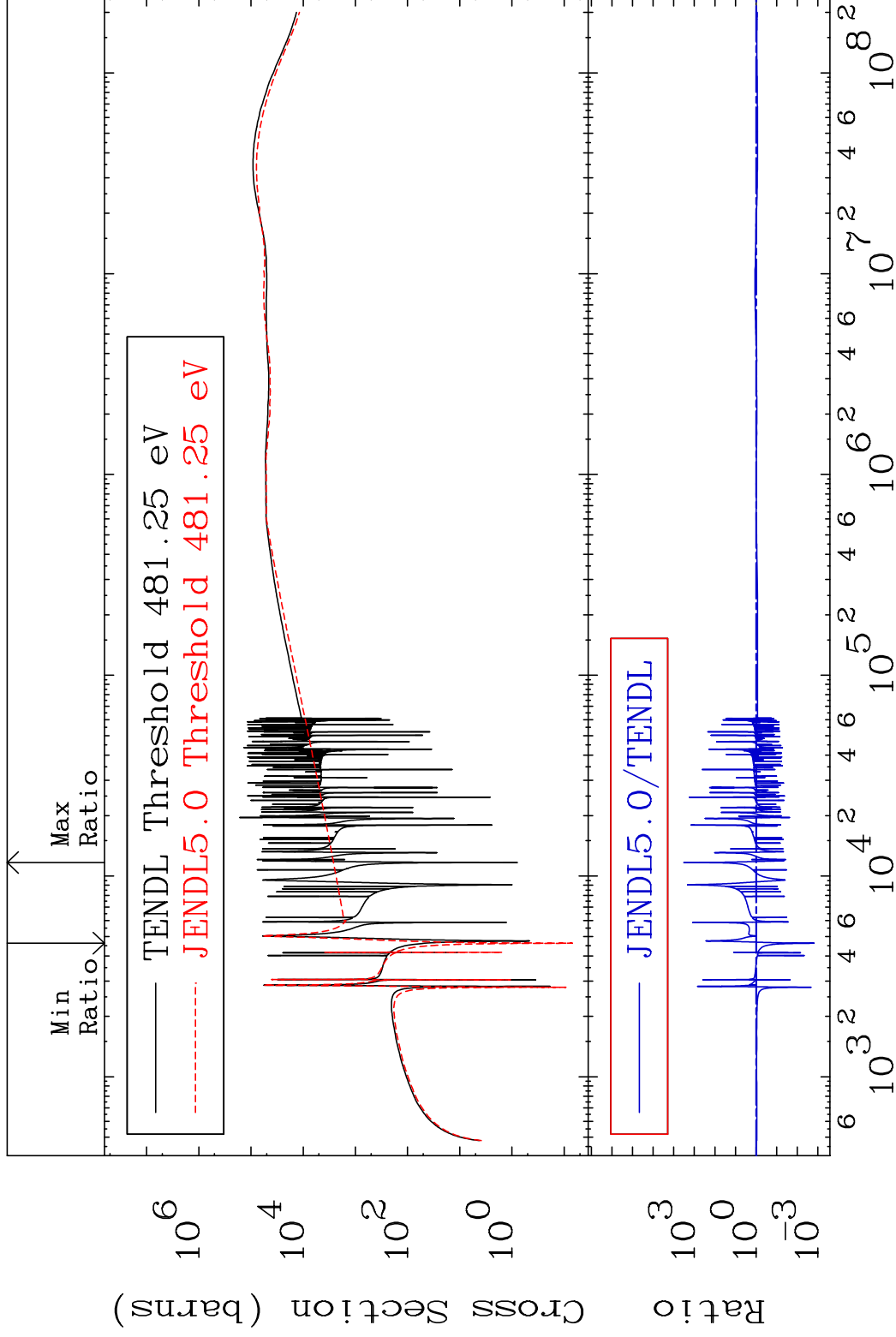


MAT 3237

Dpa elastic (mt2)

32-Ge-74

Cross Section -99.85 To 9999. %

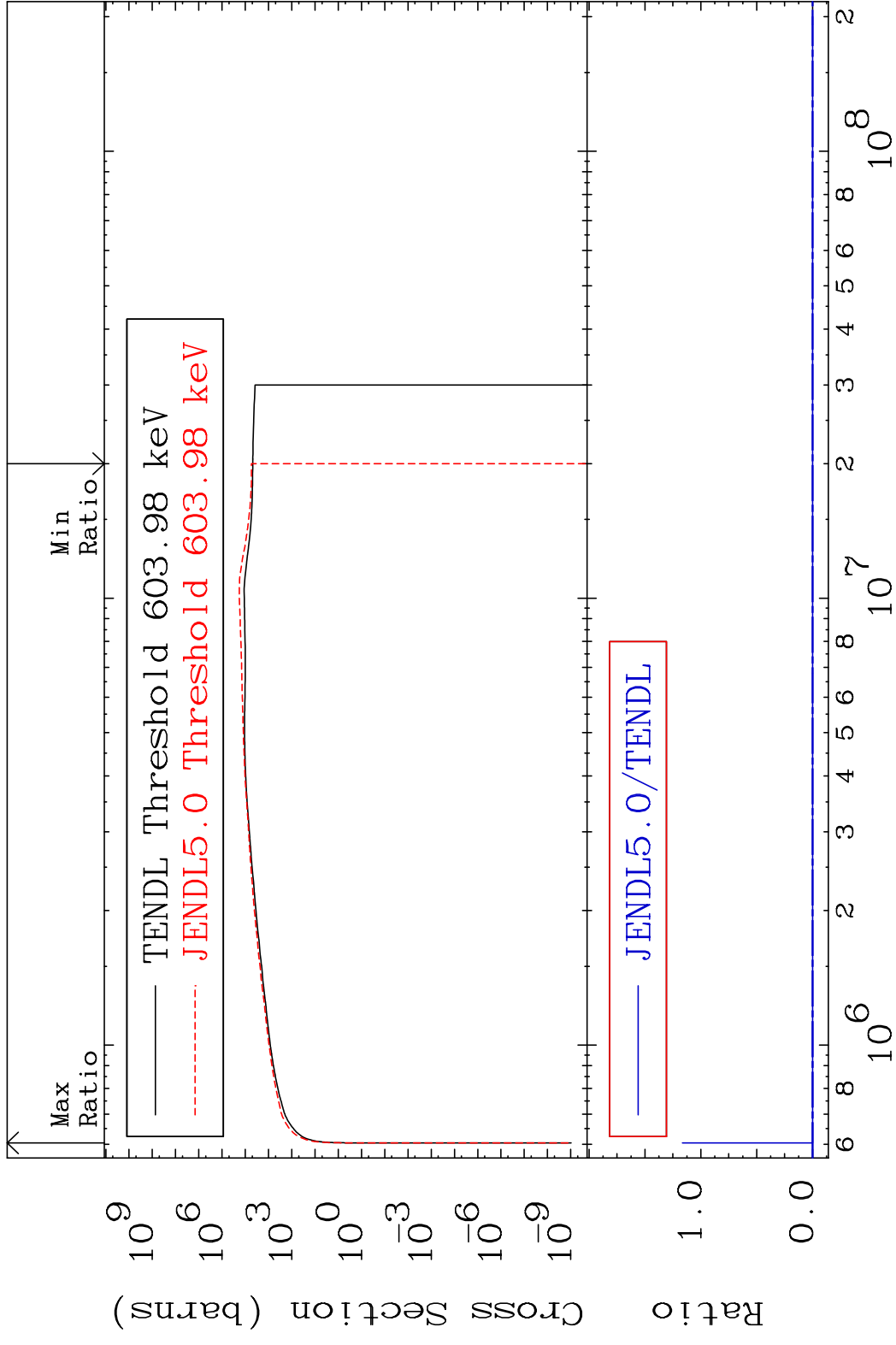


59

Incident Energy (eV)

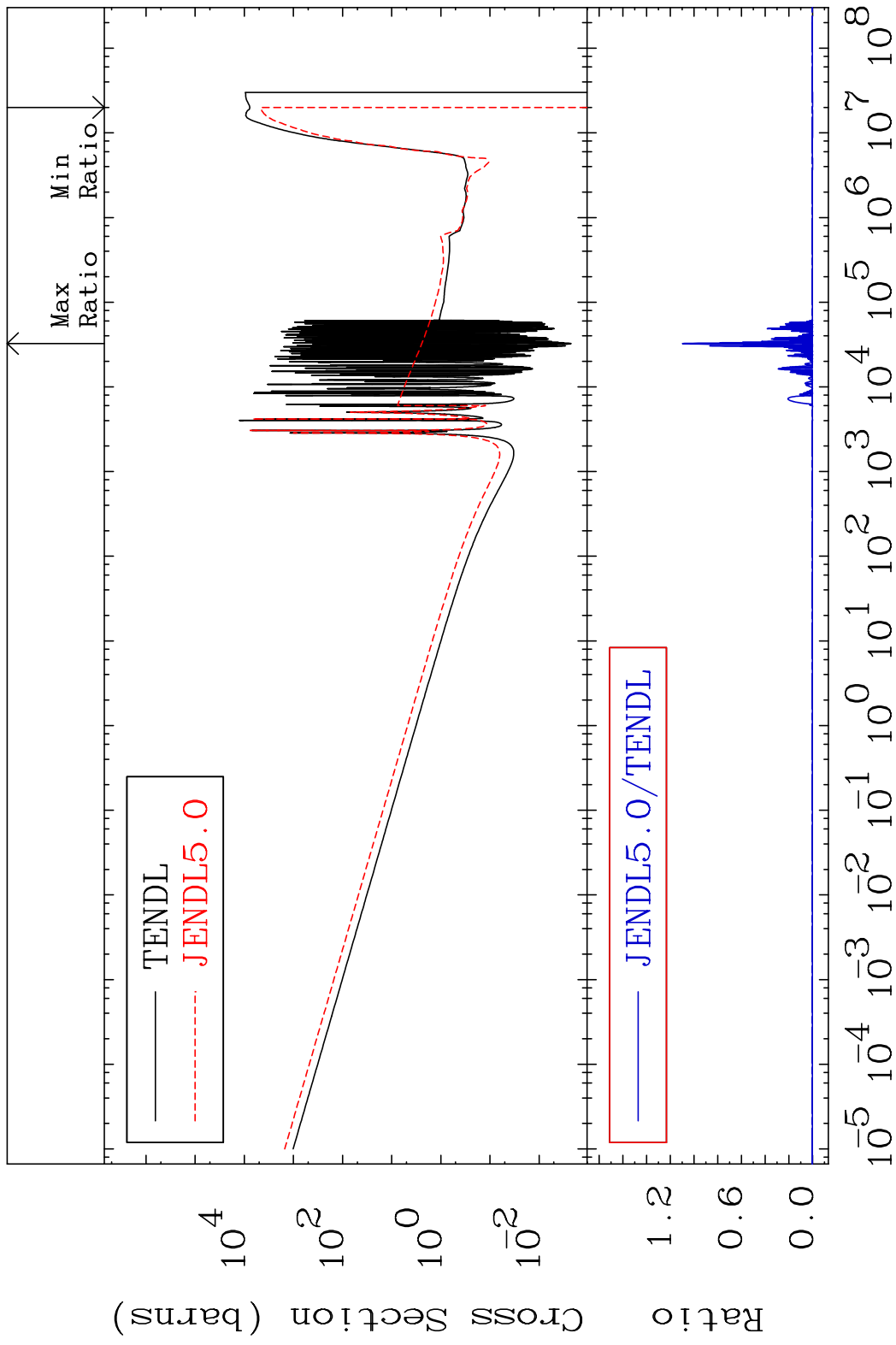
32-Ge-74

MAT 3237 Dpa inelastic (mt51-91) 32-Ge-74
Cross Section -100.0 To 9999. %

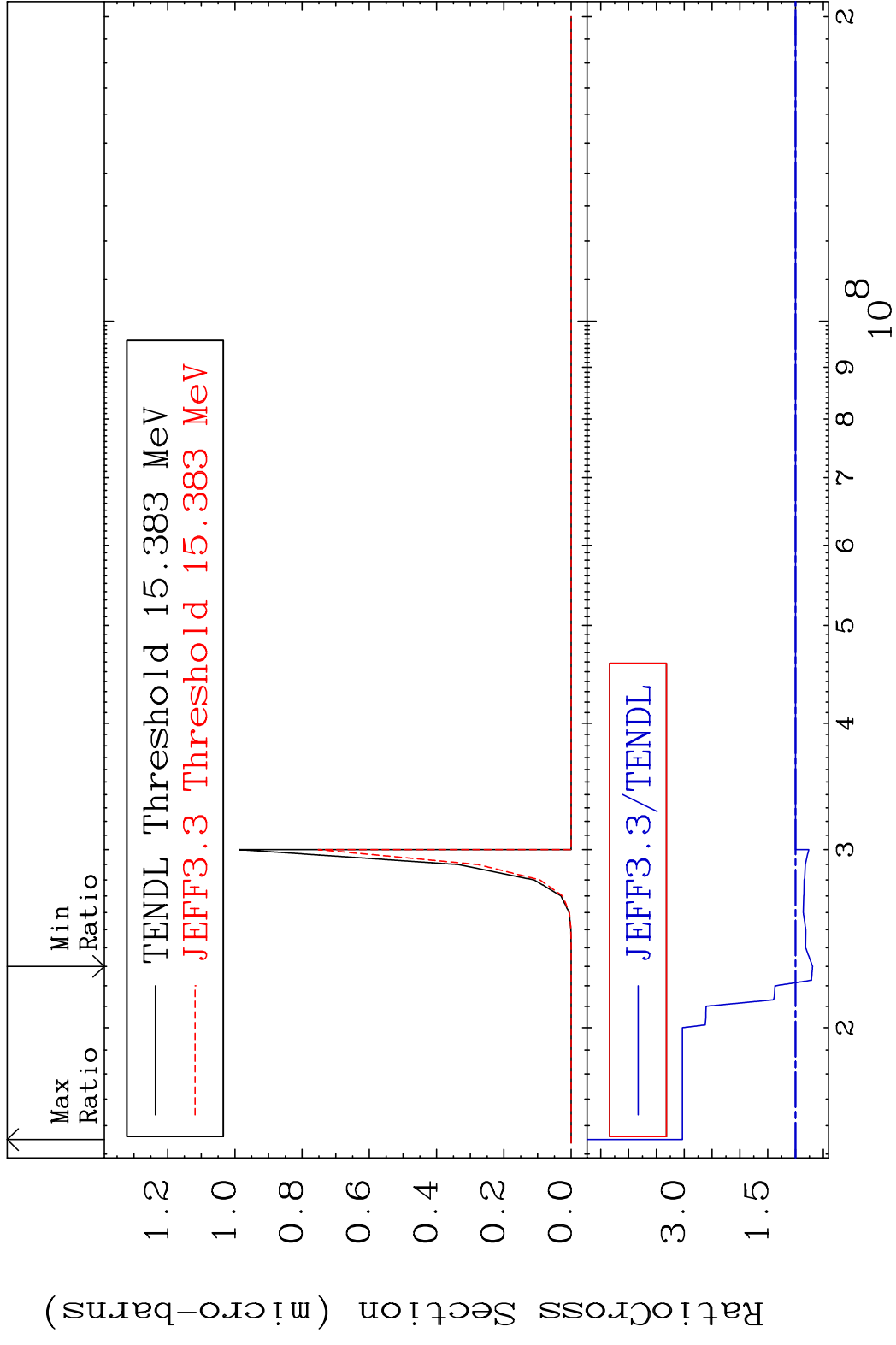


60 Incident Energy (eV) 32-Ge-74

MAT 3237 Dpa disappearance (mt102 -120) 32-Ge-74
 Cross Section -100.0 To 9999. %



MAT 3237 (n,d) α 32-Ge-74
 Cross Section -30.77 To 203.3 %

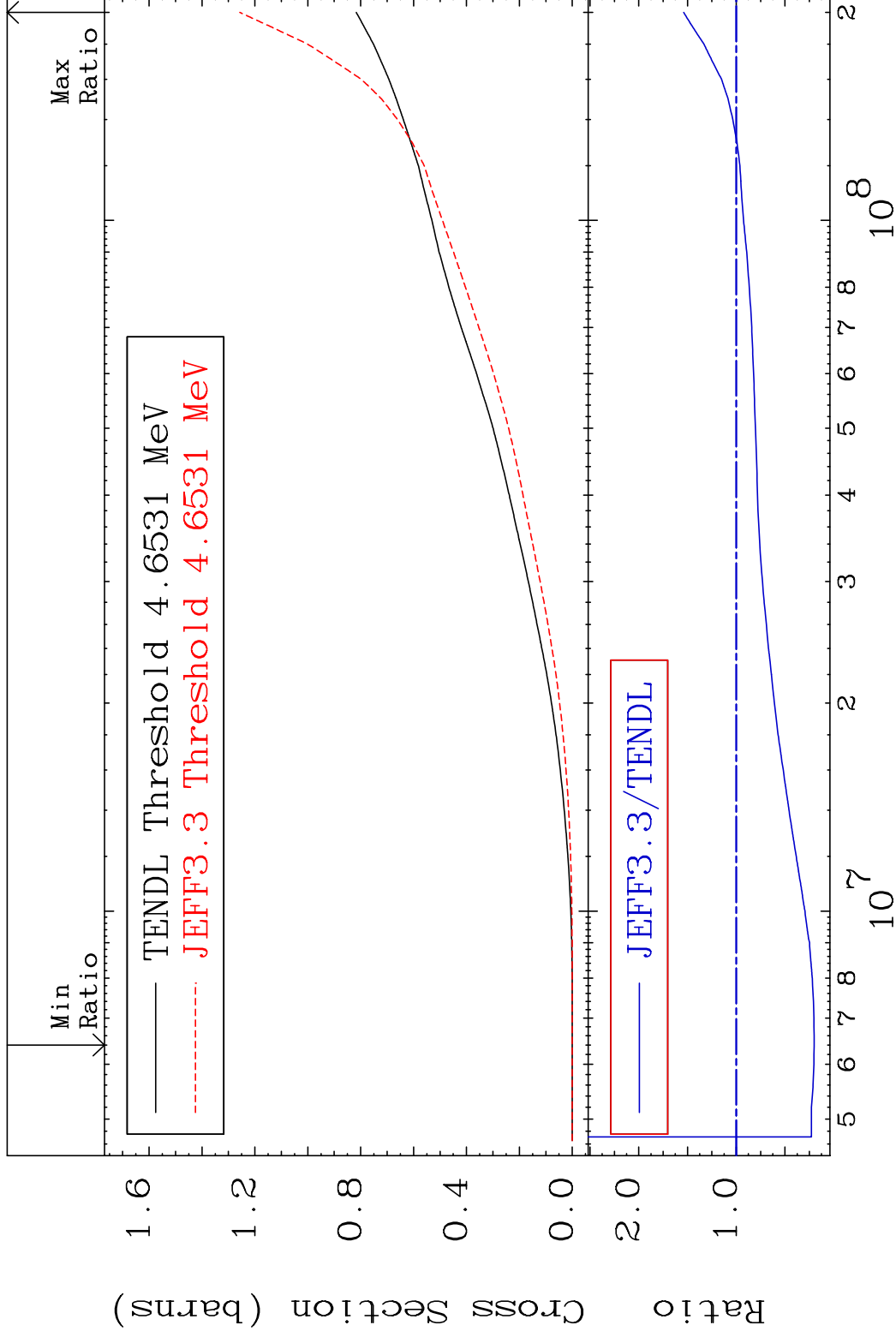


MAT 3237

Hydrogen Production

32-Ge-74

Cross Section -79.92 To 53.94 %



63

Incident Energy (eV)

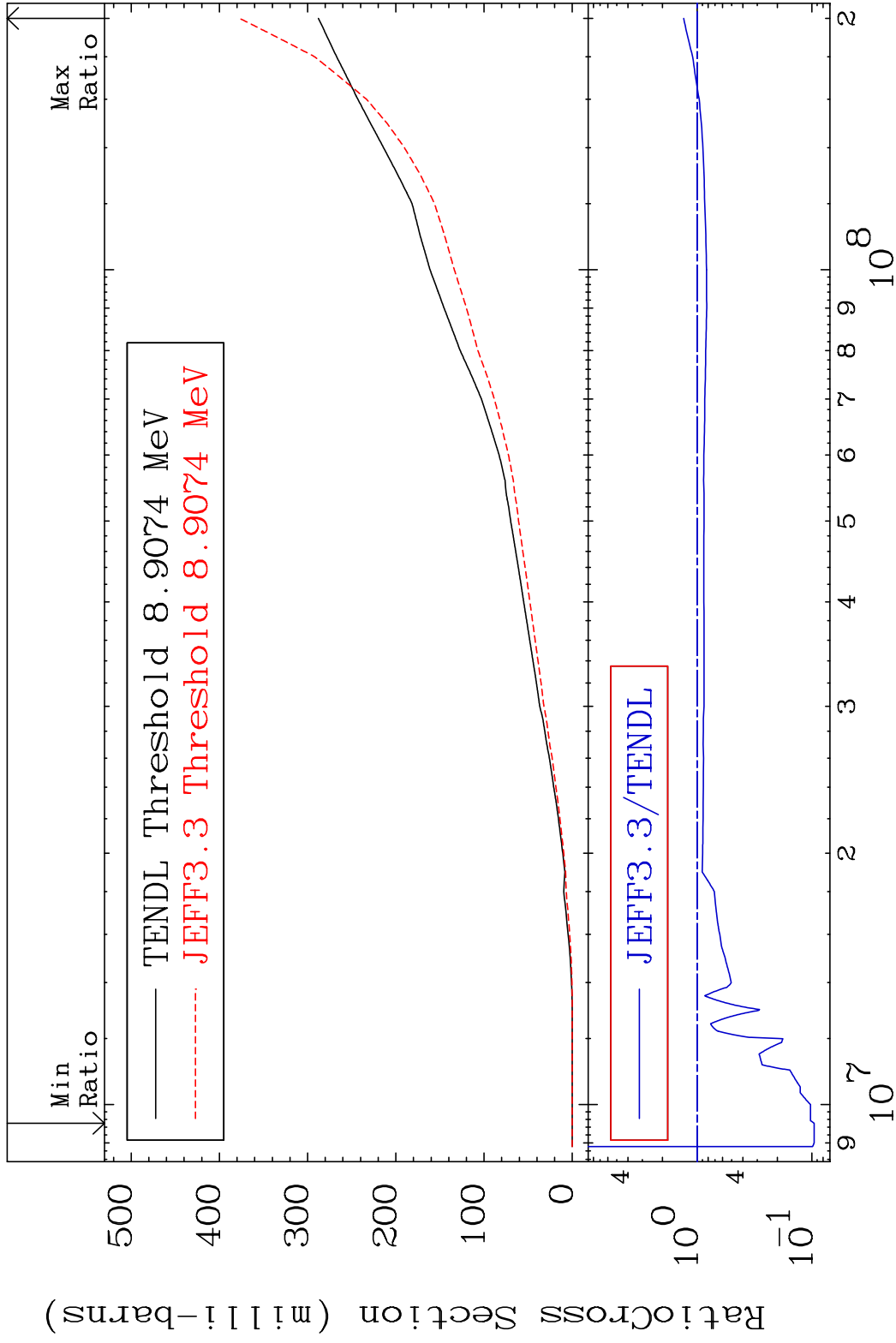
32-Ge-74

MAT 3237

Deuterium Production

32-Ge-74

Cross Section -90.42 To 30.98 %



64

Incident Energy (eV)

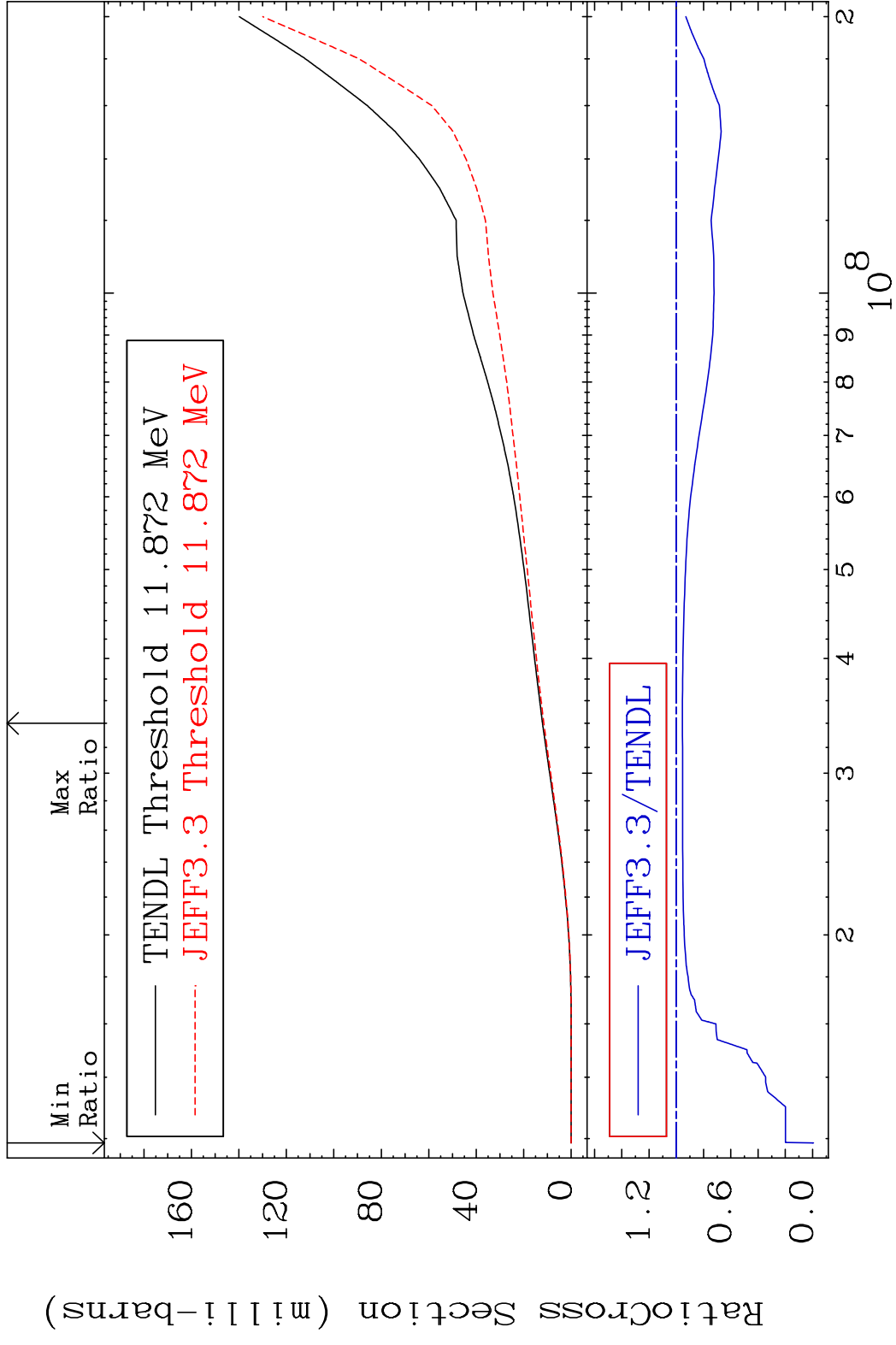
32-Ge-74

MAT 3237

Tritium Production

$^{32}\text{Ge-74}$

Cross Section -100.0 To -4.449%

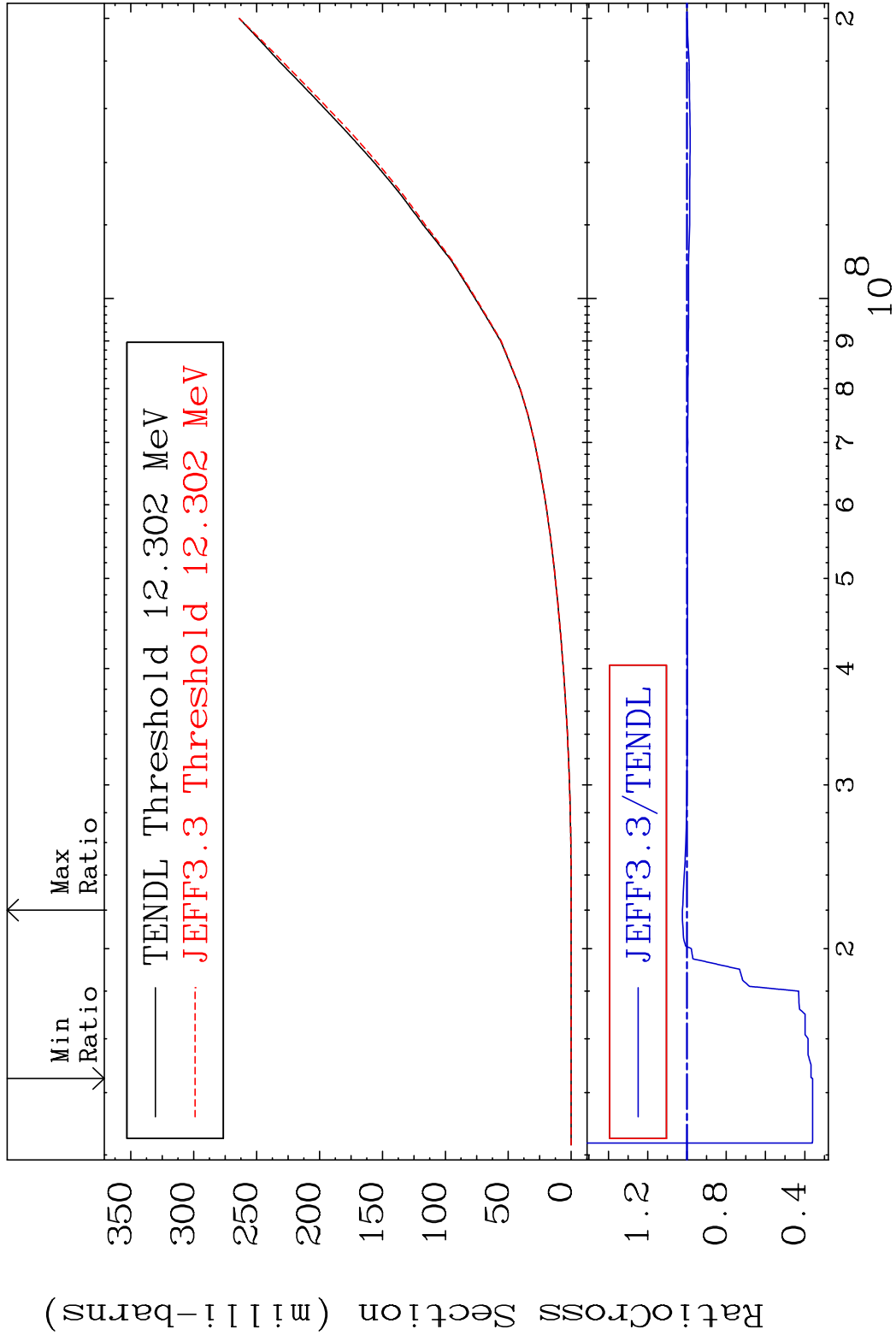


MAT 3237

He-3 Production

32-Ge-74

Cross Section -63.98 To 2.354 %



66

Incident Energy (eV)

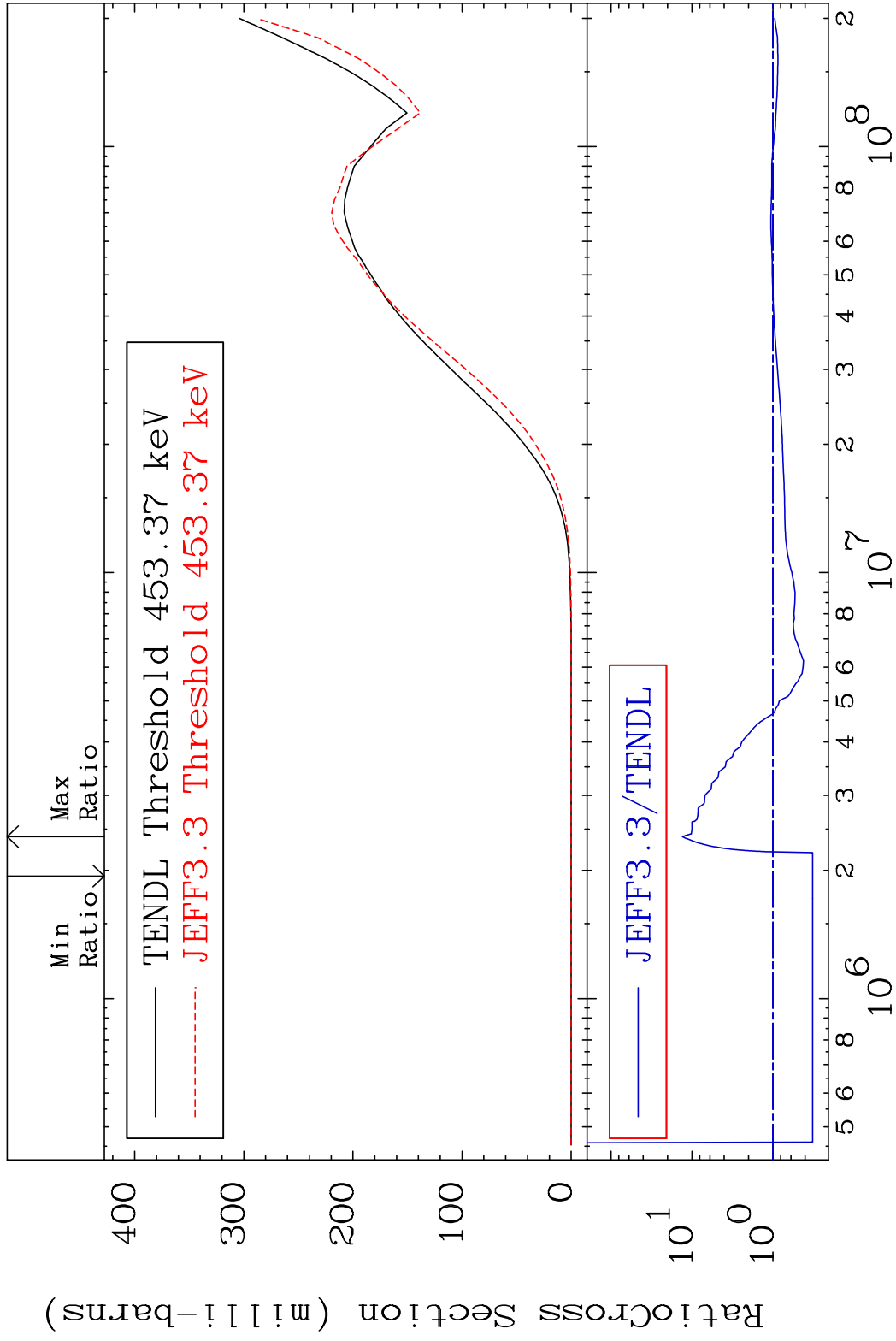
32-Ge-74

MAT 3237

He-4 Production

32-Ge-74

Cross Section -67.64 To 1212. %

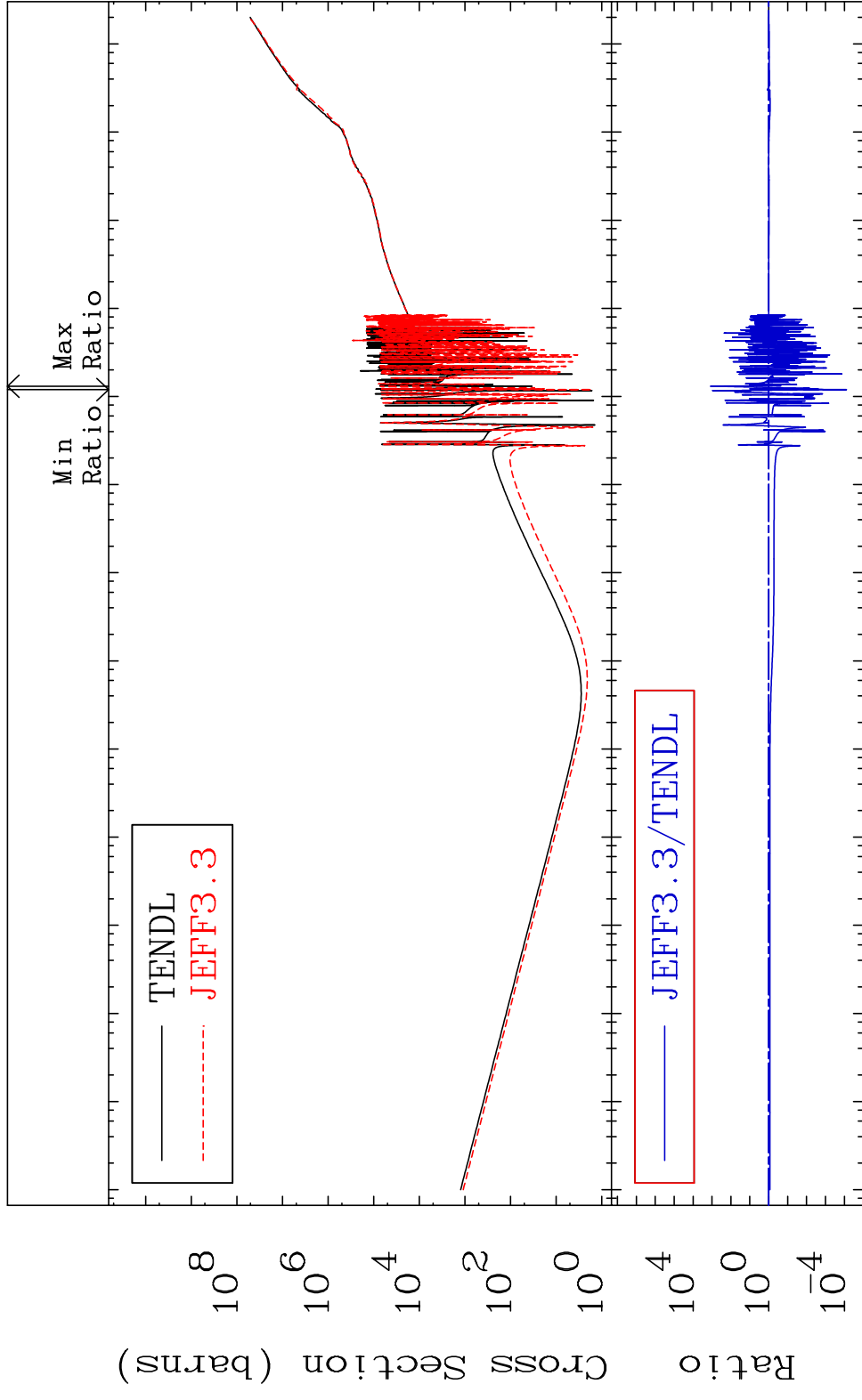


67

Incident Energy (eV)

32-Ge-74

MAT 3237 Kerma total (eV-barns) 32-Ge-74
 Cross Section -99.99 To 9999. %

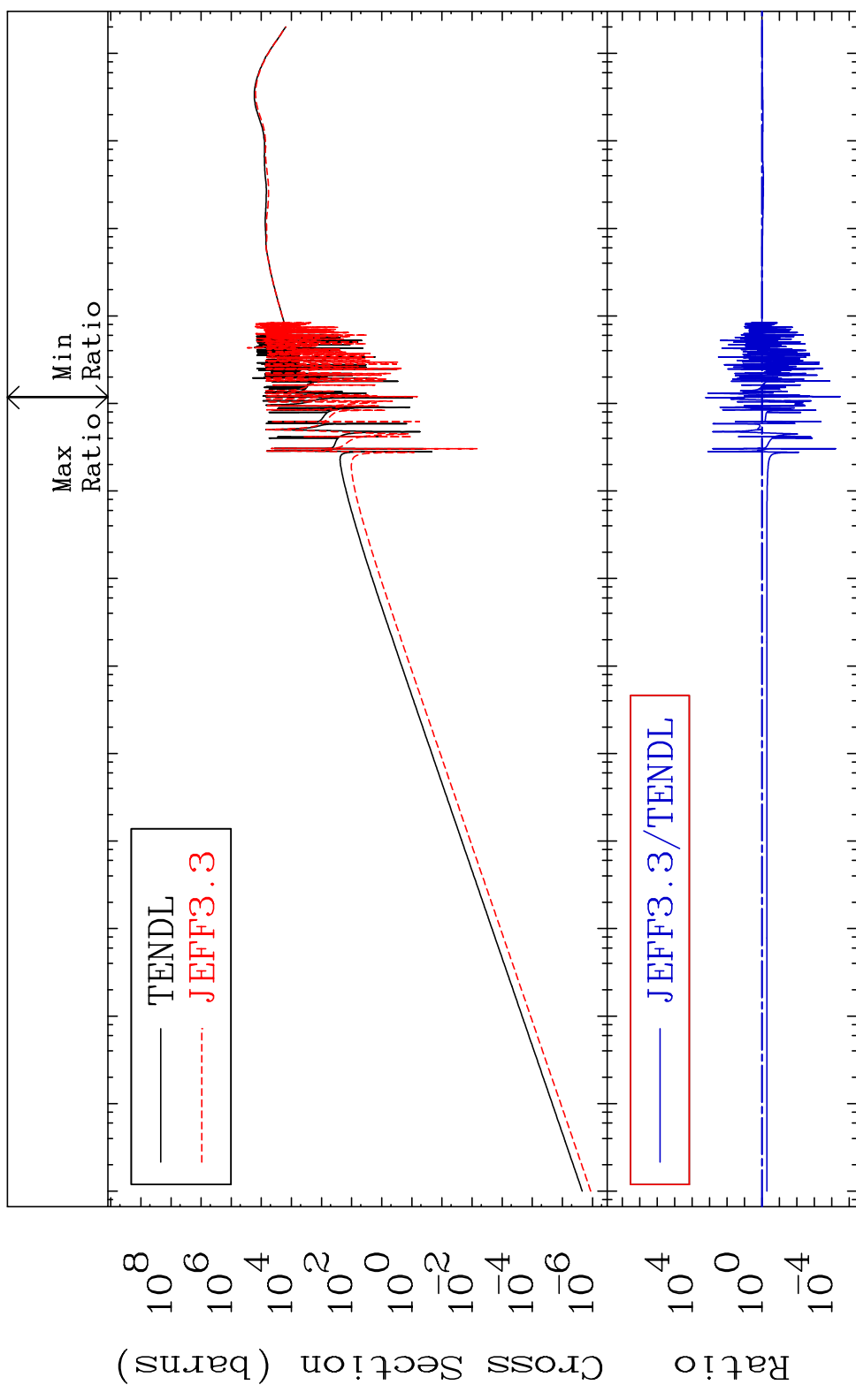


Ratio
 Cross Section (barns)

68 Incident Energy (eV) 32-Ge-74

MAT 3237

Kerma elastic Cross Section -100.0 To 9999. %
32-Ge-74



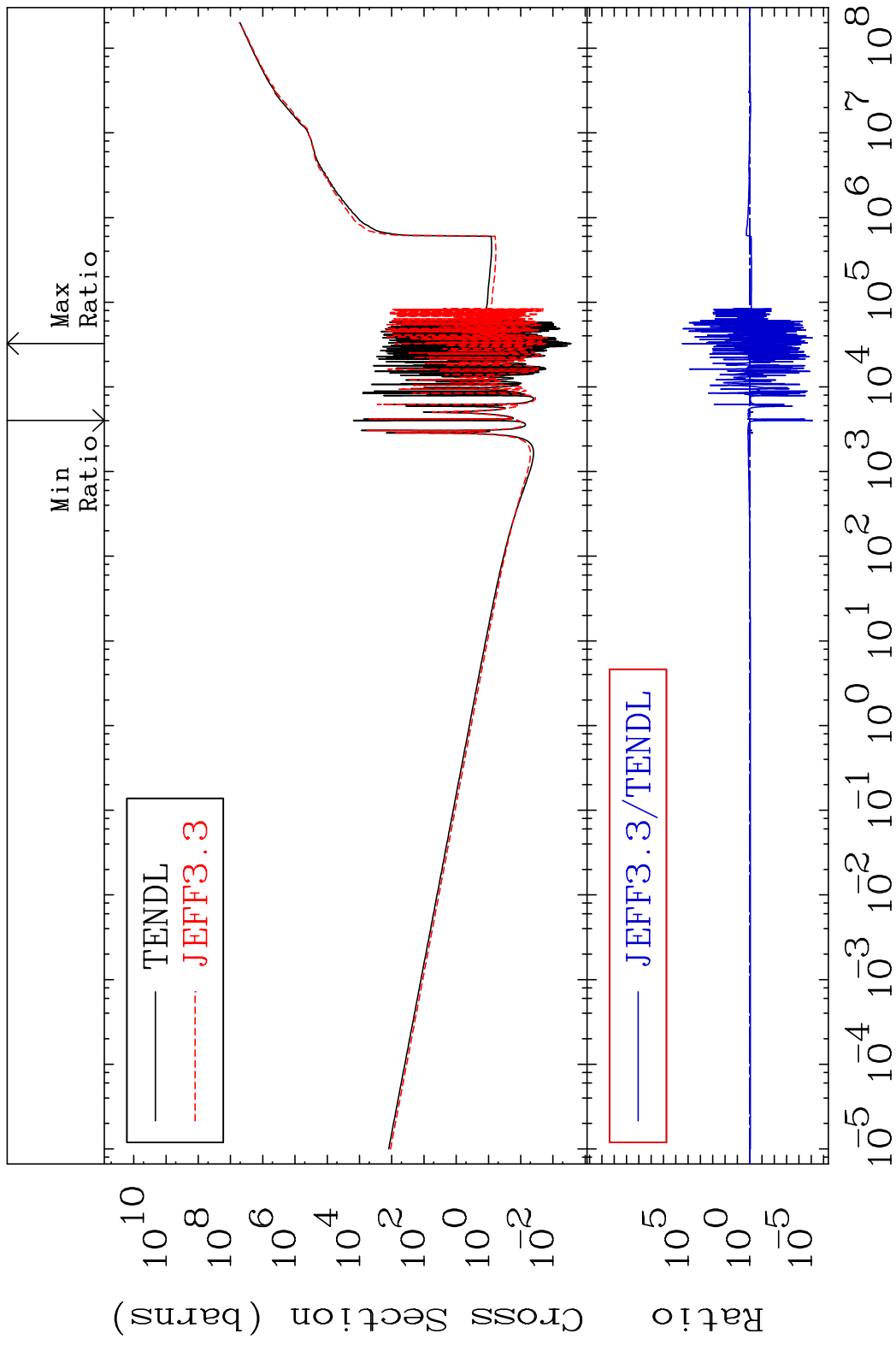
10⁸ 10⁶ 10⁴ 10² 10⁰ 10⁻² 10⁻⁴ 10⁻⁶ 10⁻⁸
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

69

Incident Energy (eV)

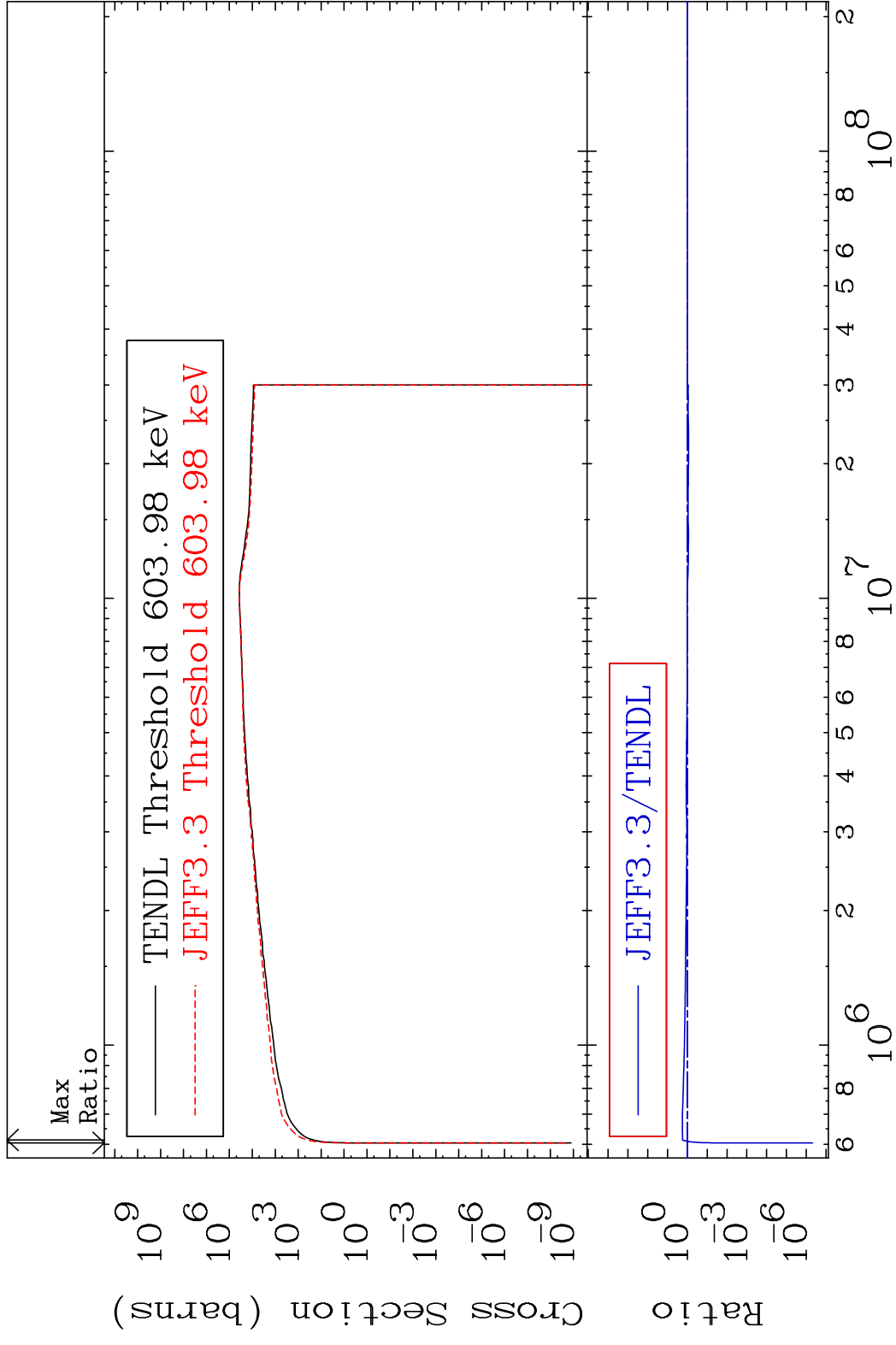
32-Ge-74

MAT 3237 Kerma non-elastic (all but mt2) 32-Ge-74
 Cross Section -100.0 To 9999. %

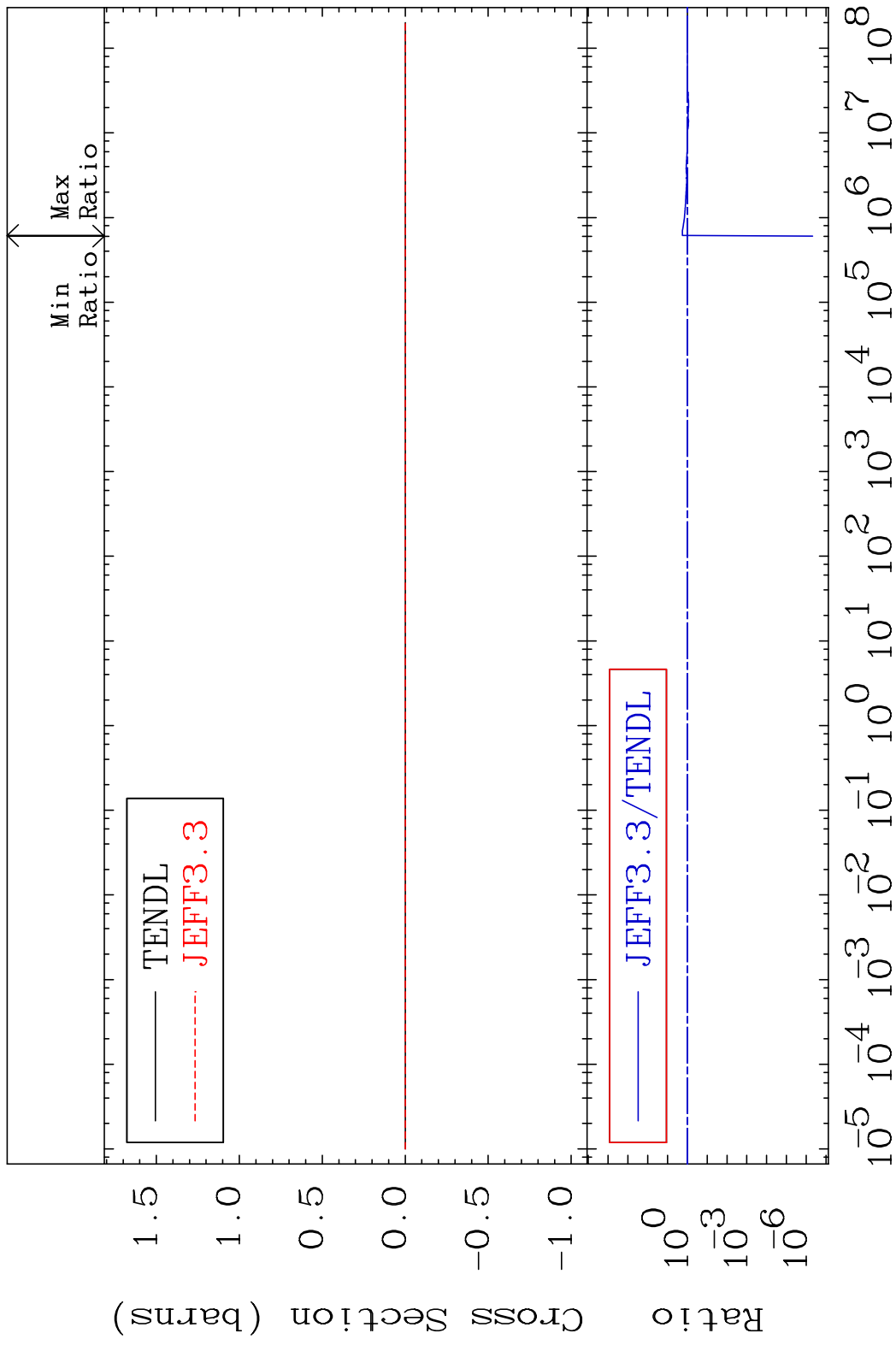


70 Incident Energy (eV) 32-Ge-74

MAT 3237 Kerma inelastic (mt51-91) 32-Ge-74
 Cross Section -100.0 To 78.30 %

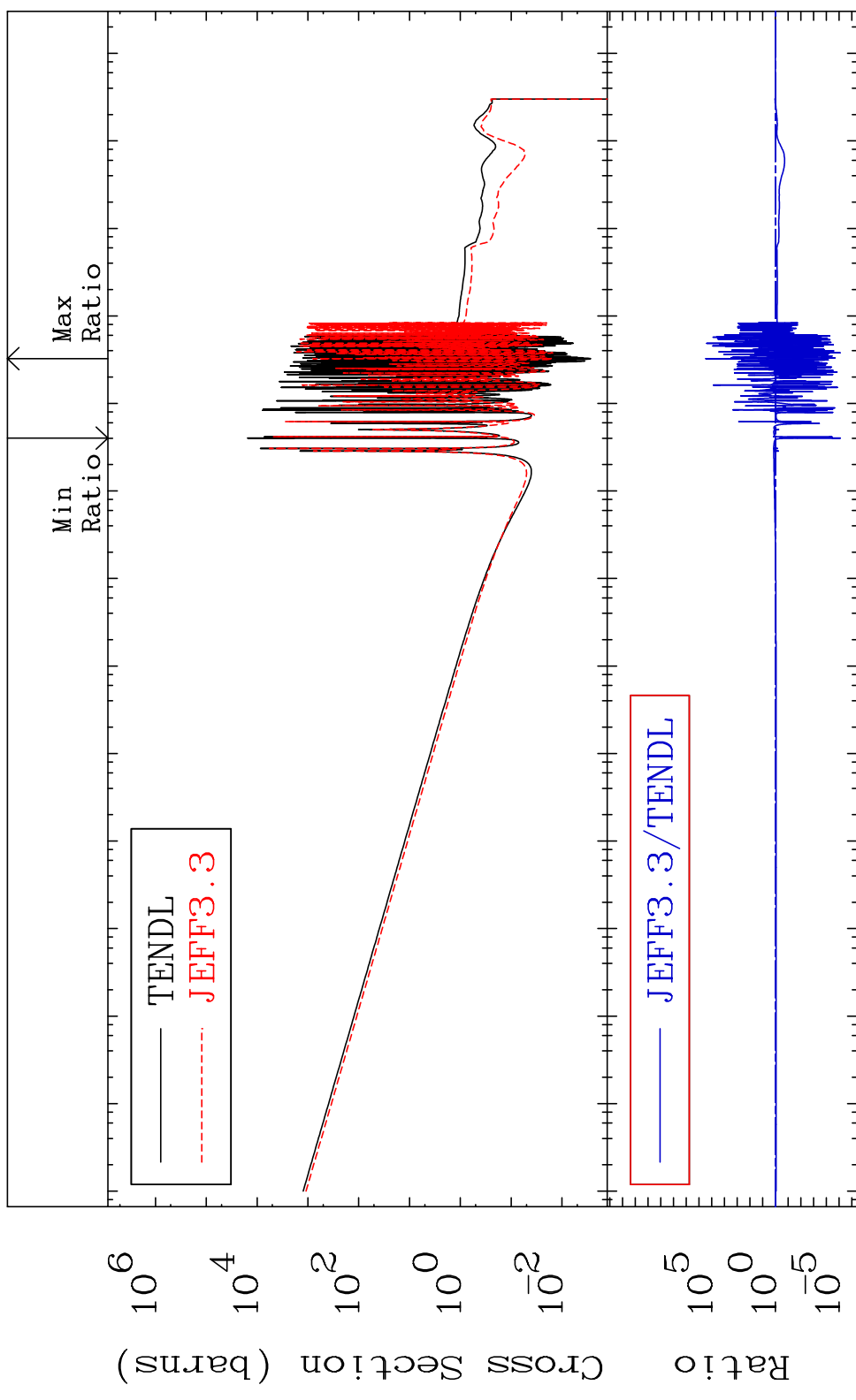


MAT 3237 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-74
 Cross Section -100.0 To 78.30 %



MAT 3237

Kerma capture (mt102) 32-Ge-74
Cross Section -100.0 To 9999. %



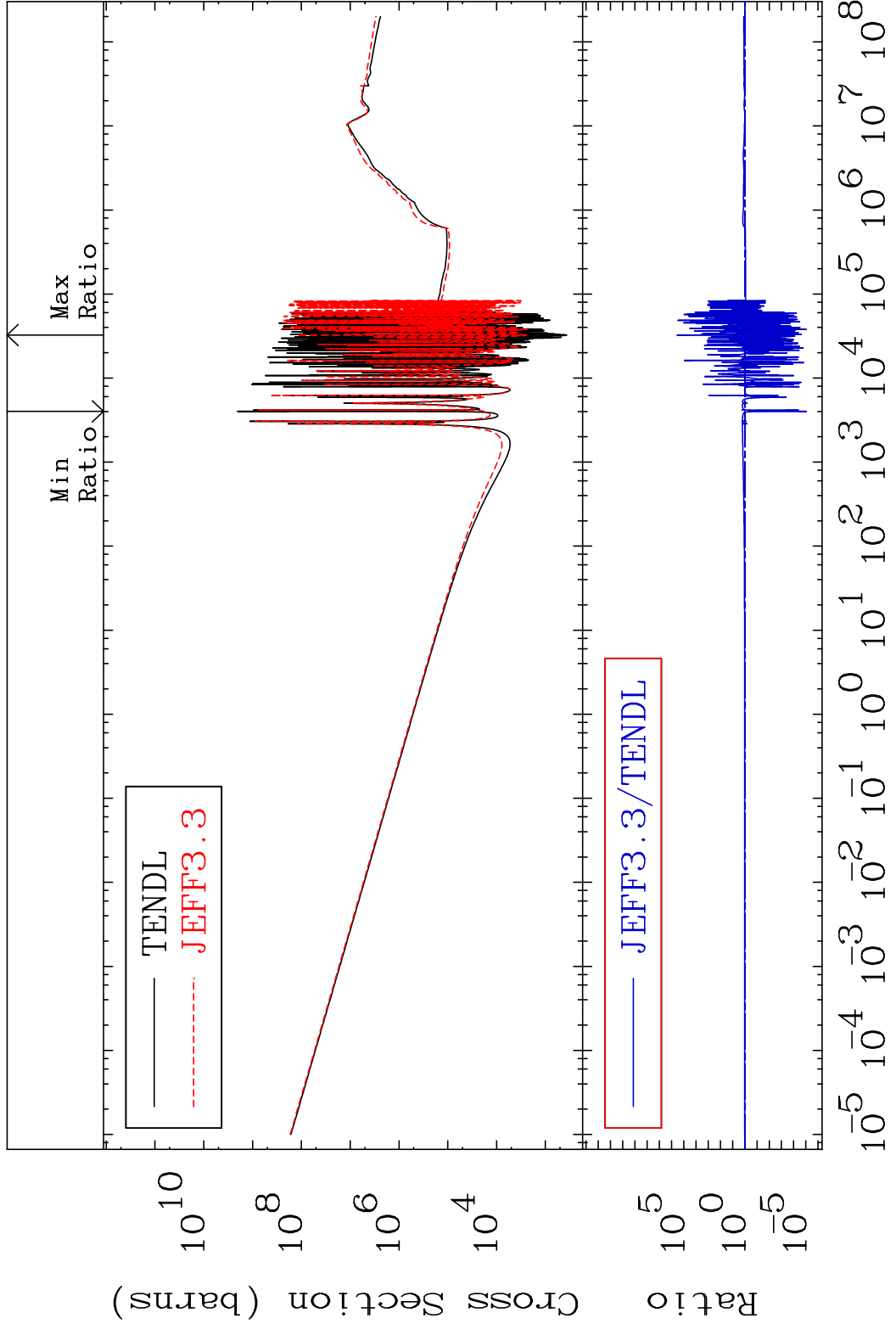
73

Incident Energy (eV)

32-Ge-74

MAT 3237

Total photon (eV-barns) 32-Ge-74
Cross Section -100.0 To 9999. %

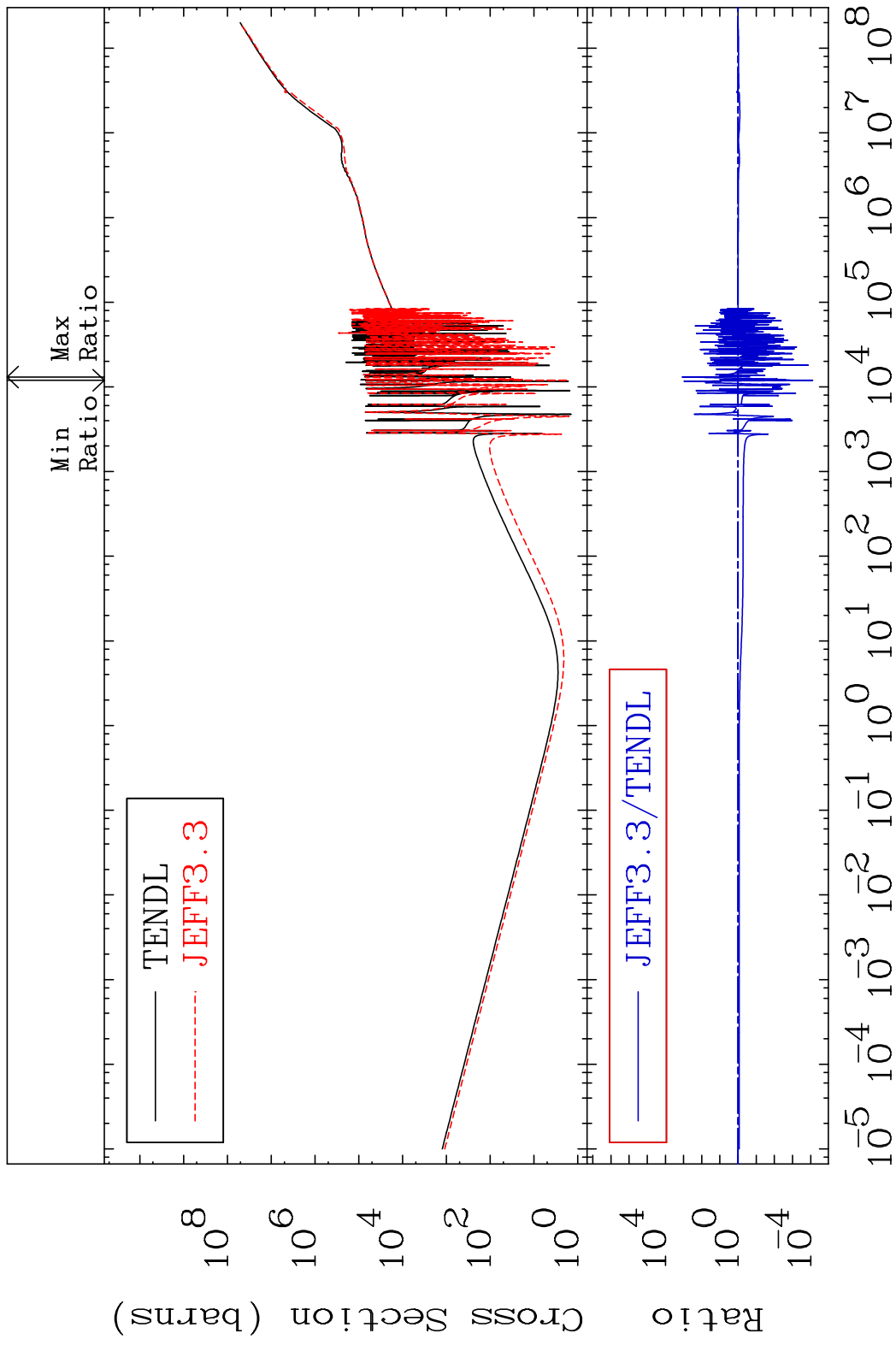


74

Incident Energy (eV)

32-Ge-74

MAT 3237 Total kinematic kerma (high limit) 32-Ge-74
 Cross Section -99.99 To 9999. %



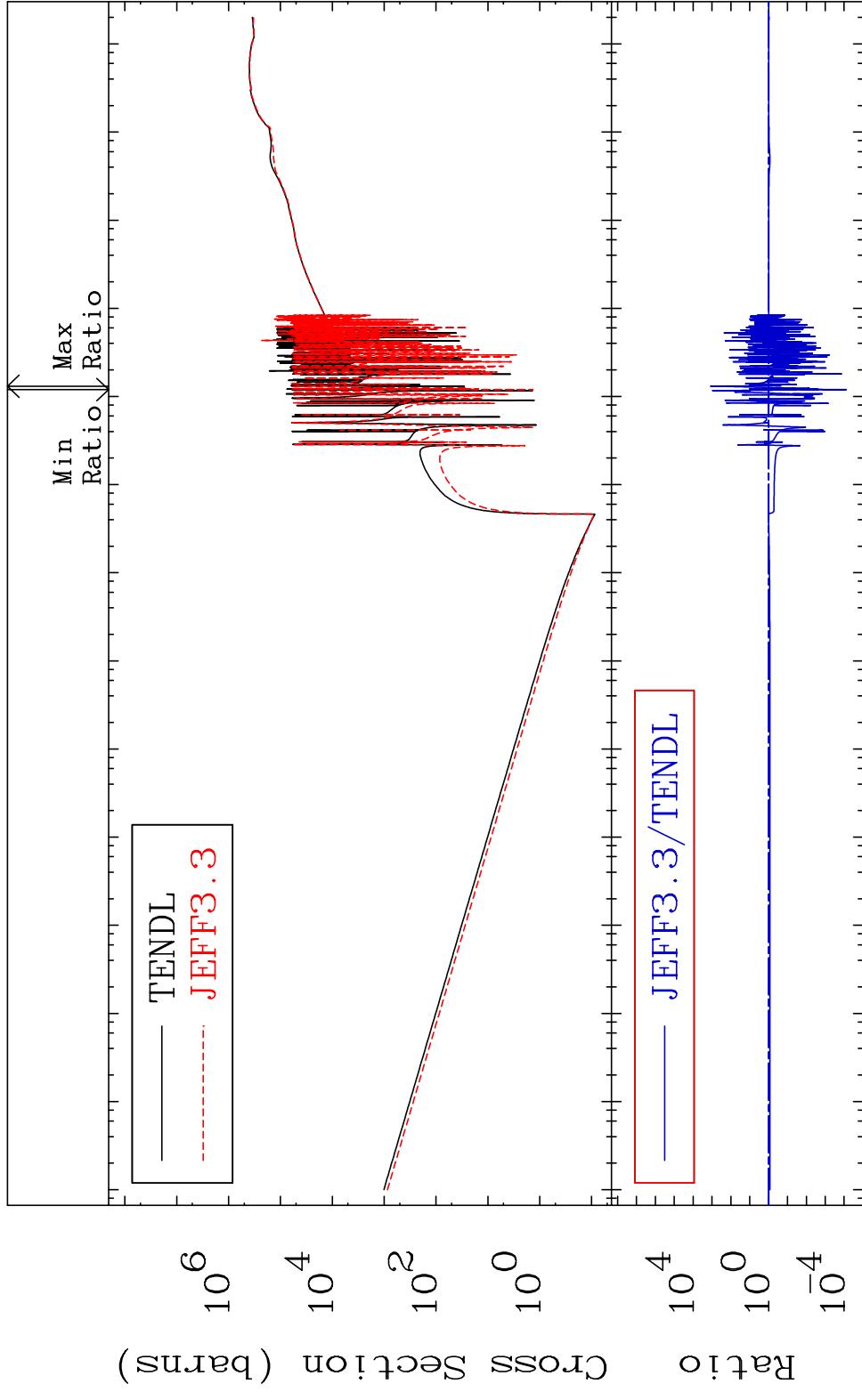
75 Incident Energy (eV) 32-Ge-74

MAT 3237

Dpa total (eV-barns)

32-Ge-74

Cross Section -99.99 To 9999. %



76

Incident Energy (eV)

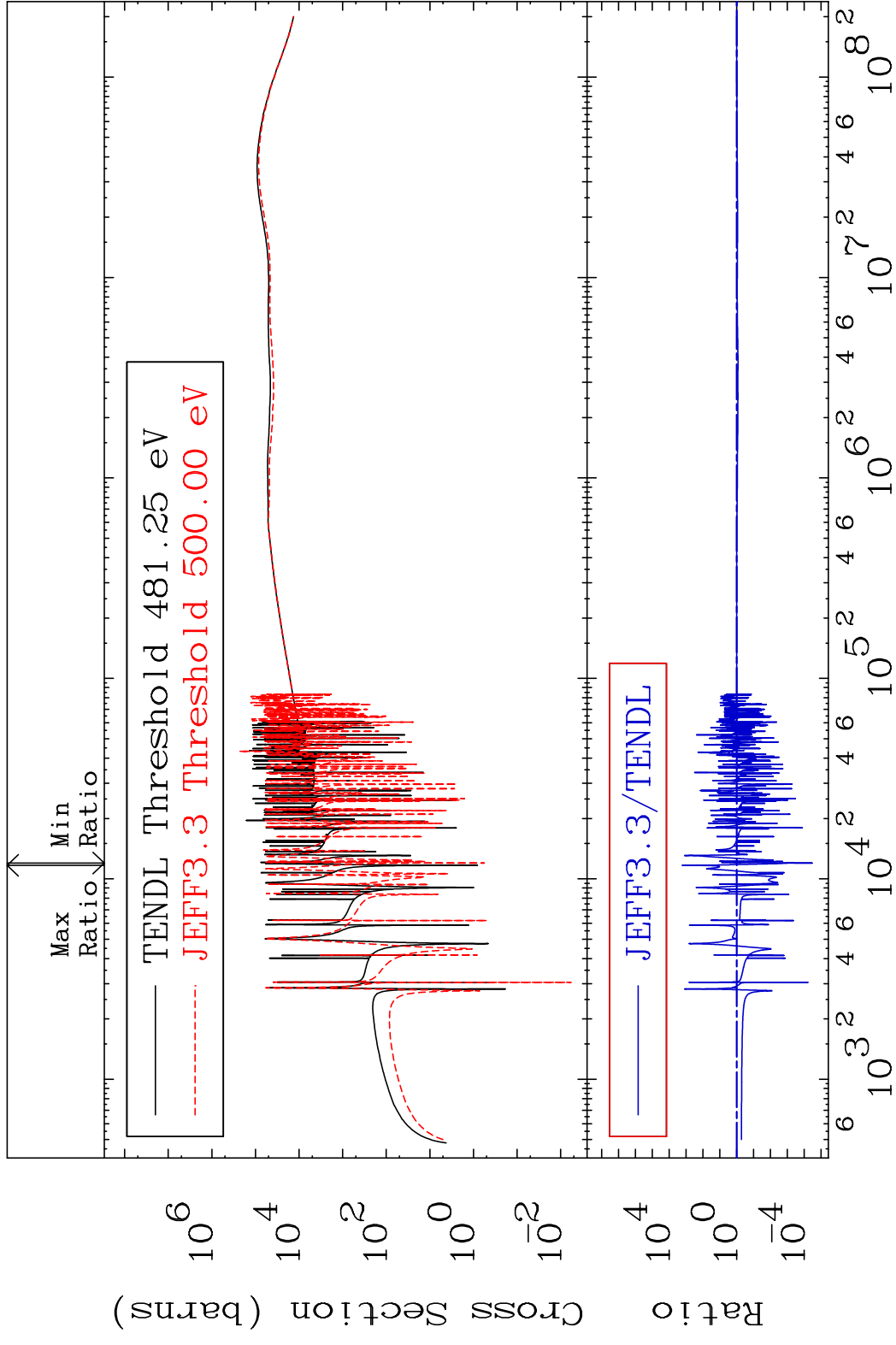
32-Ge-74

MAT 3237

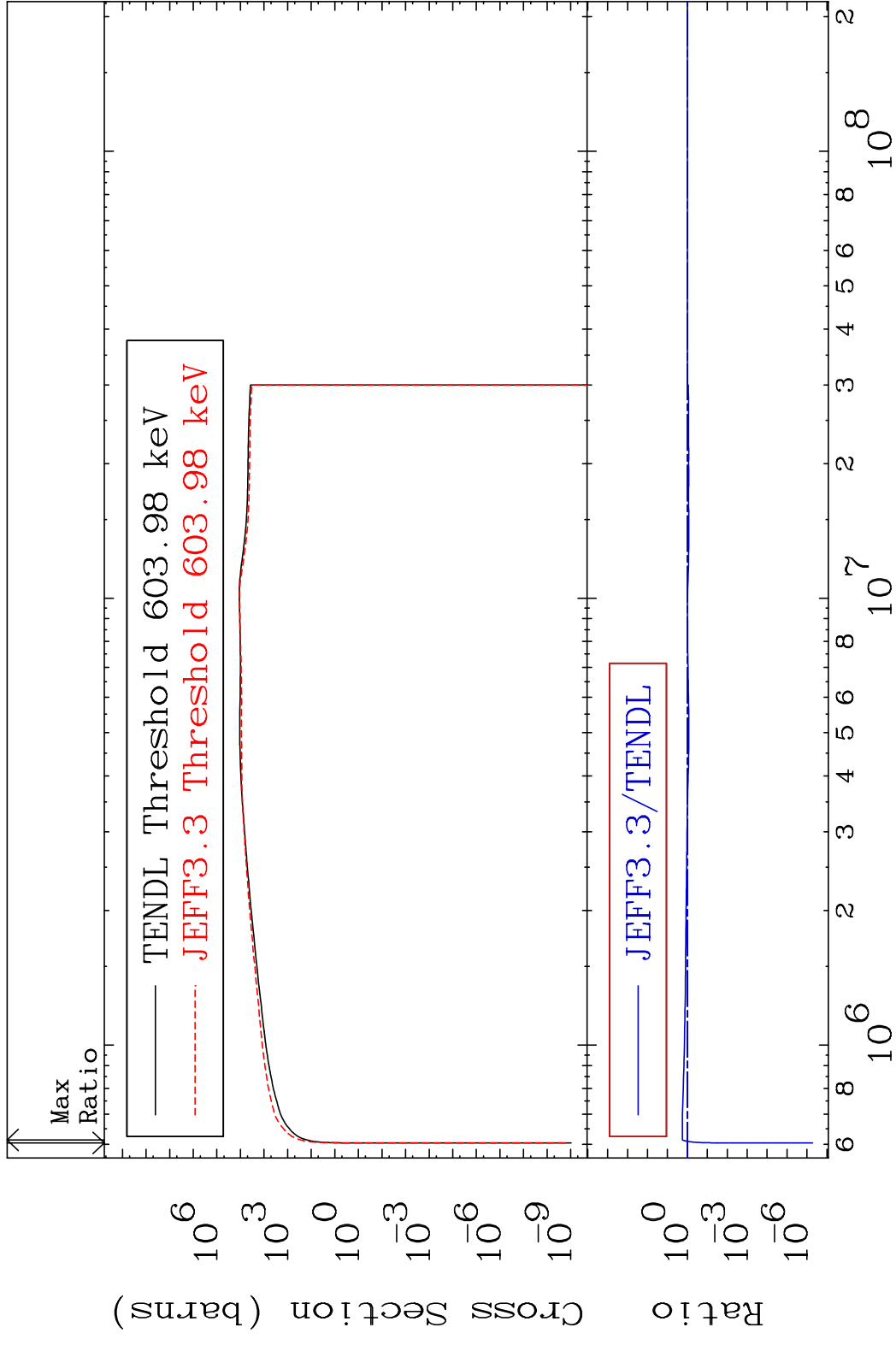
Dpa elastic (mt2)

32-Ge-74

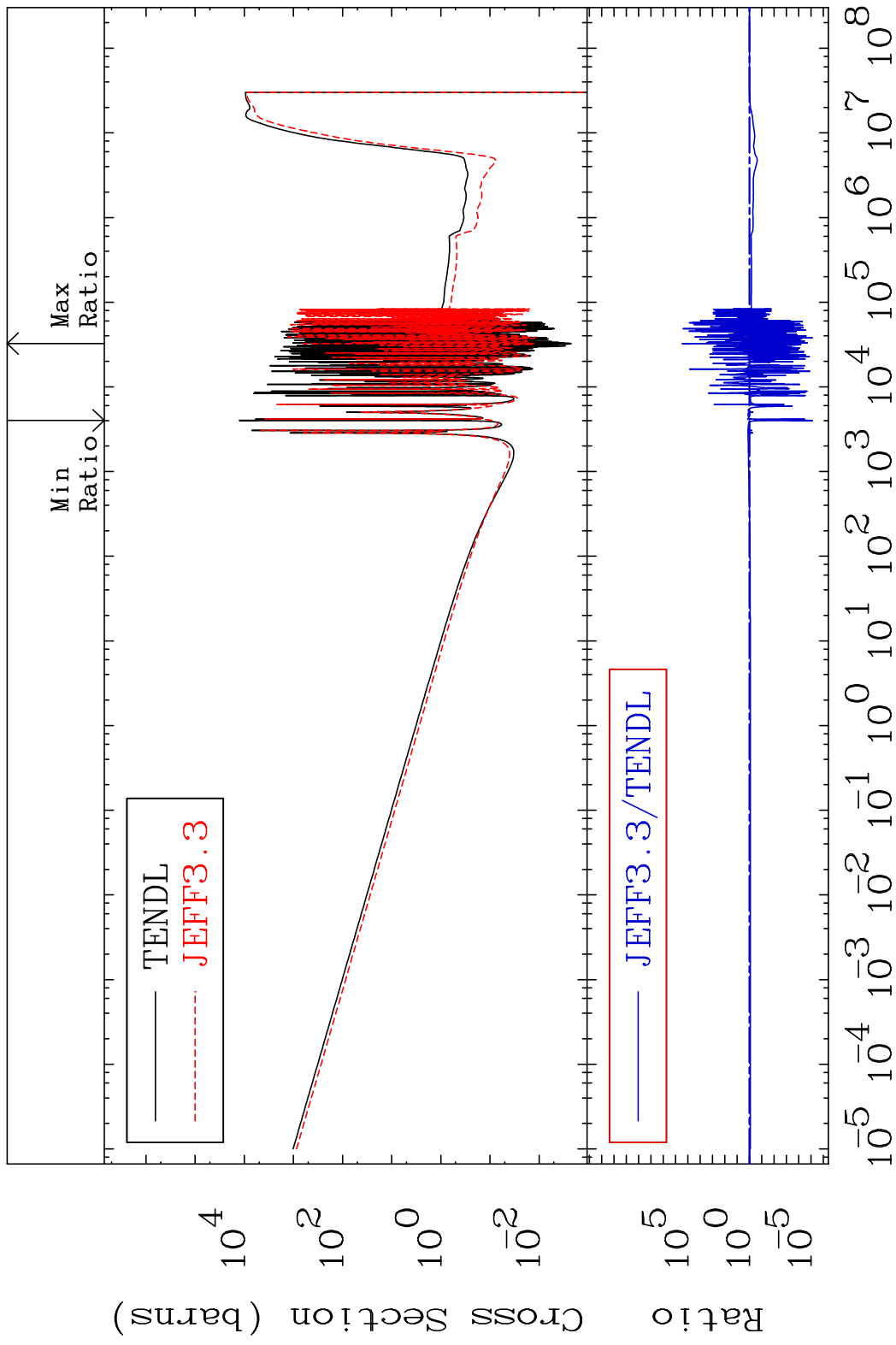
Cross Section -100.0 To 9999. %



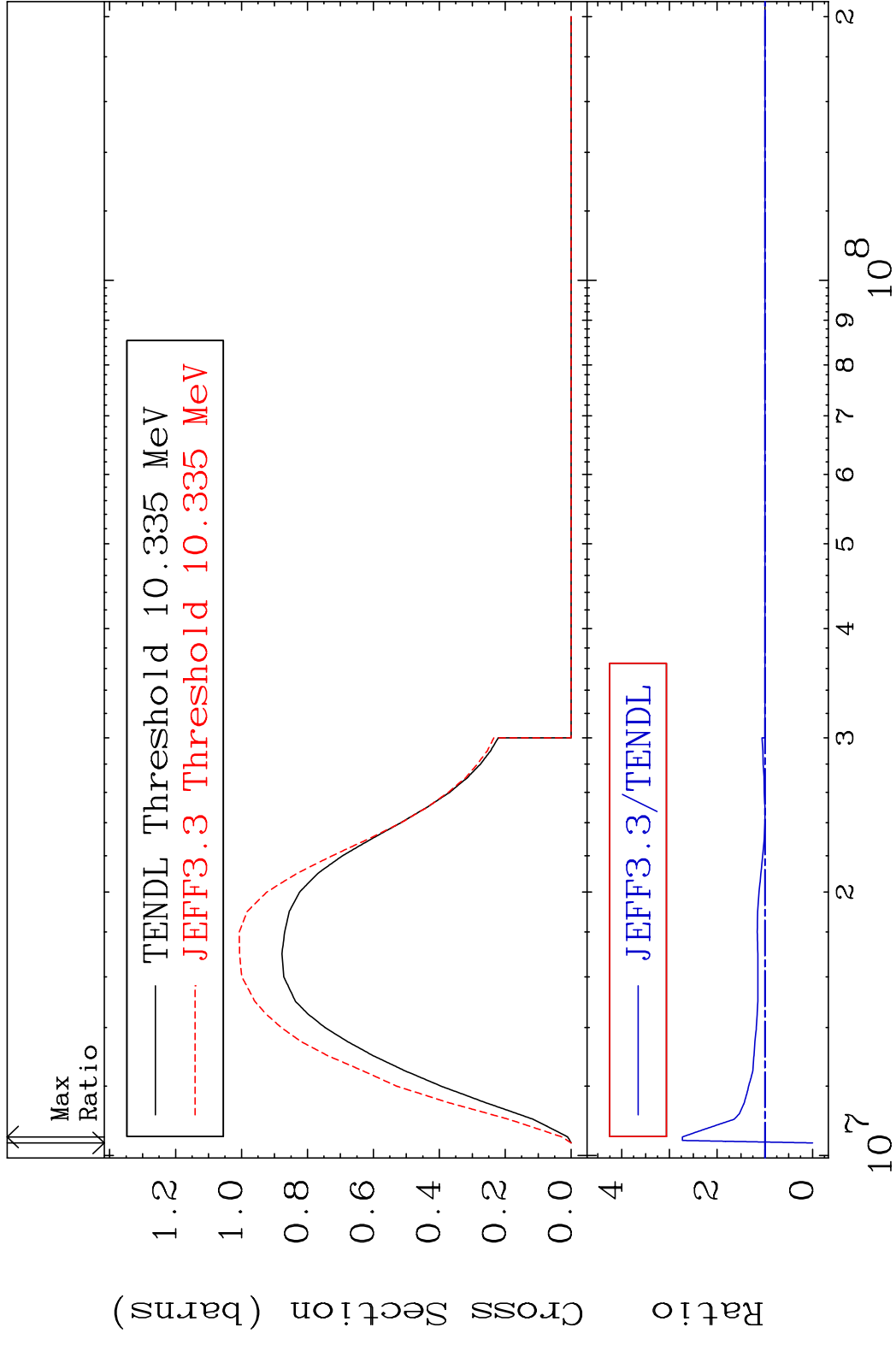
MAT 3237 Dpa inelastic (mt51-91) 32-Ge-74
 Cross Section -100.0 To 78.31 %



MAT 3237 Dpa disappearance (mt102 -120) 32-Ge-74
 Cross Section -100.0 To 9999. %

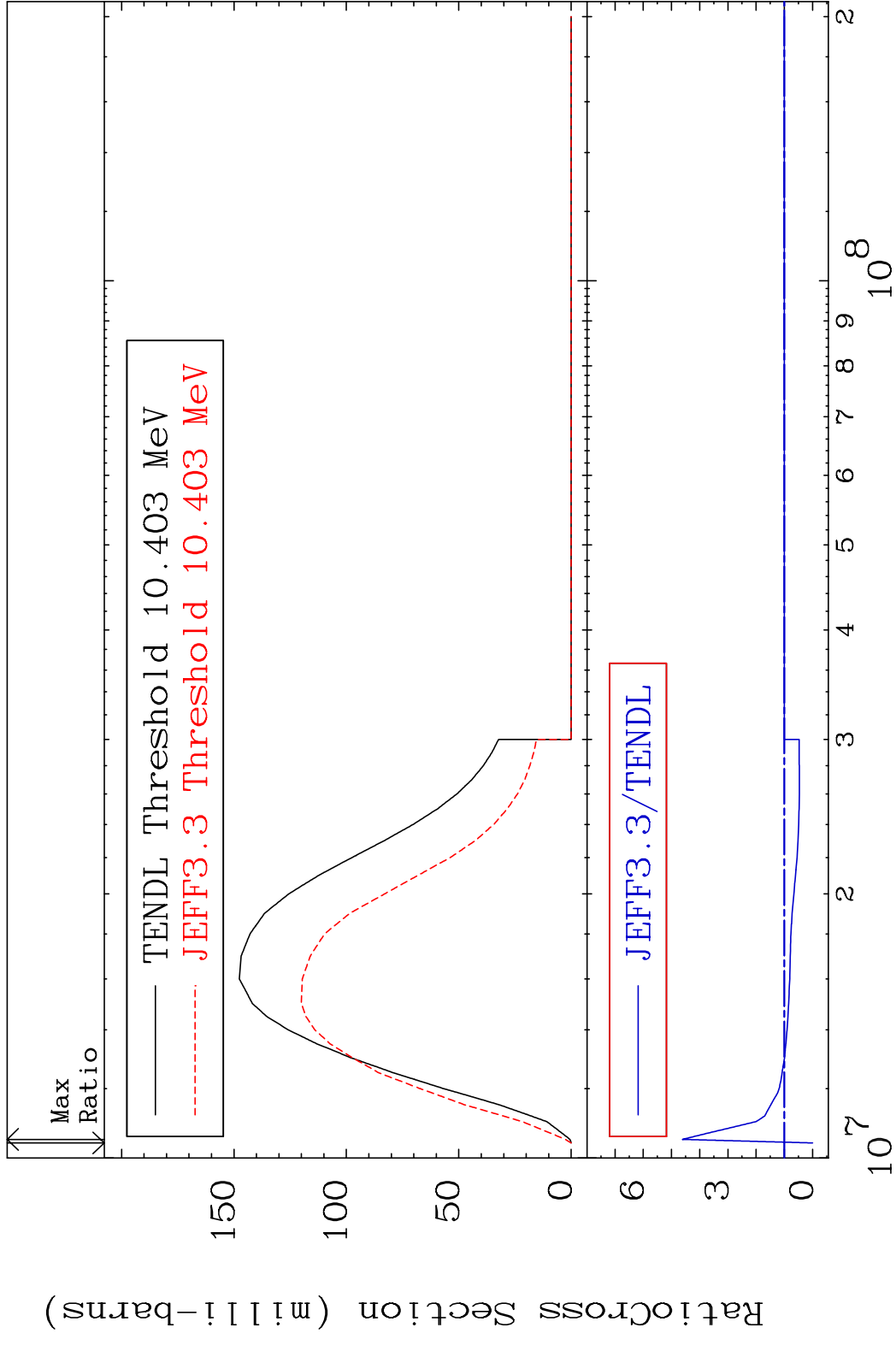


MAT 3237 (n,2n):32-Ge-73g 32-Ge-74
 Radionuclide Production Cross Section 180.0 dth 172.9 %

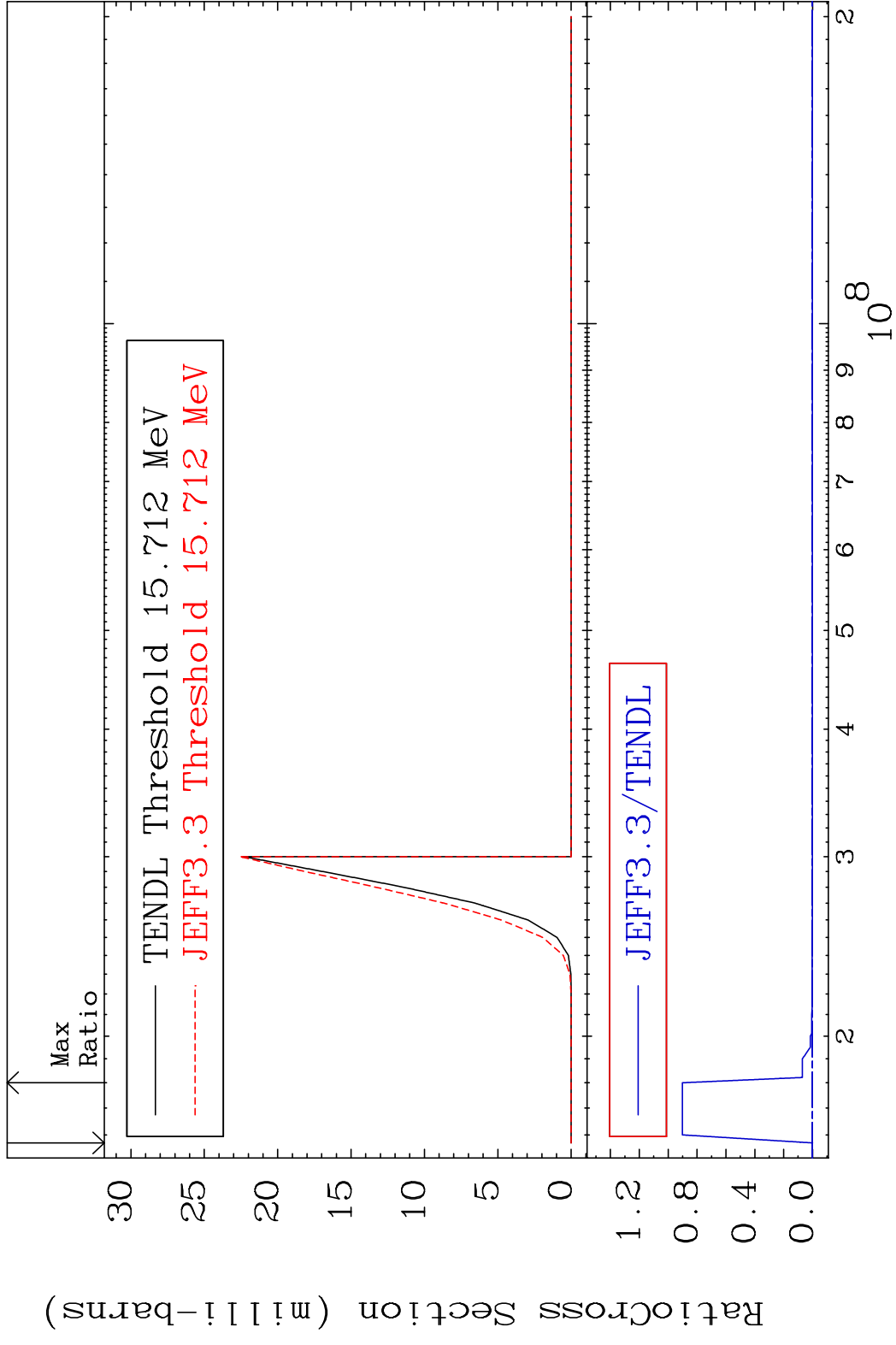


80 Incident Energy (eV) 32-Ge-74

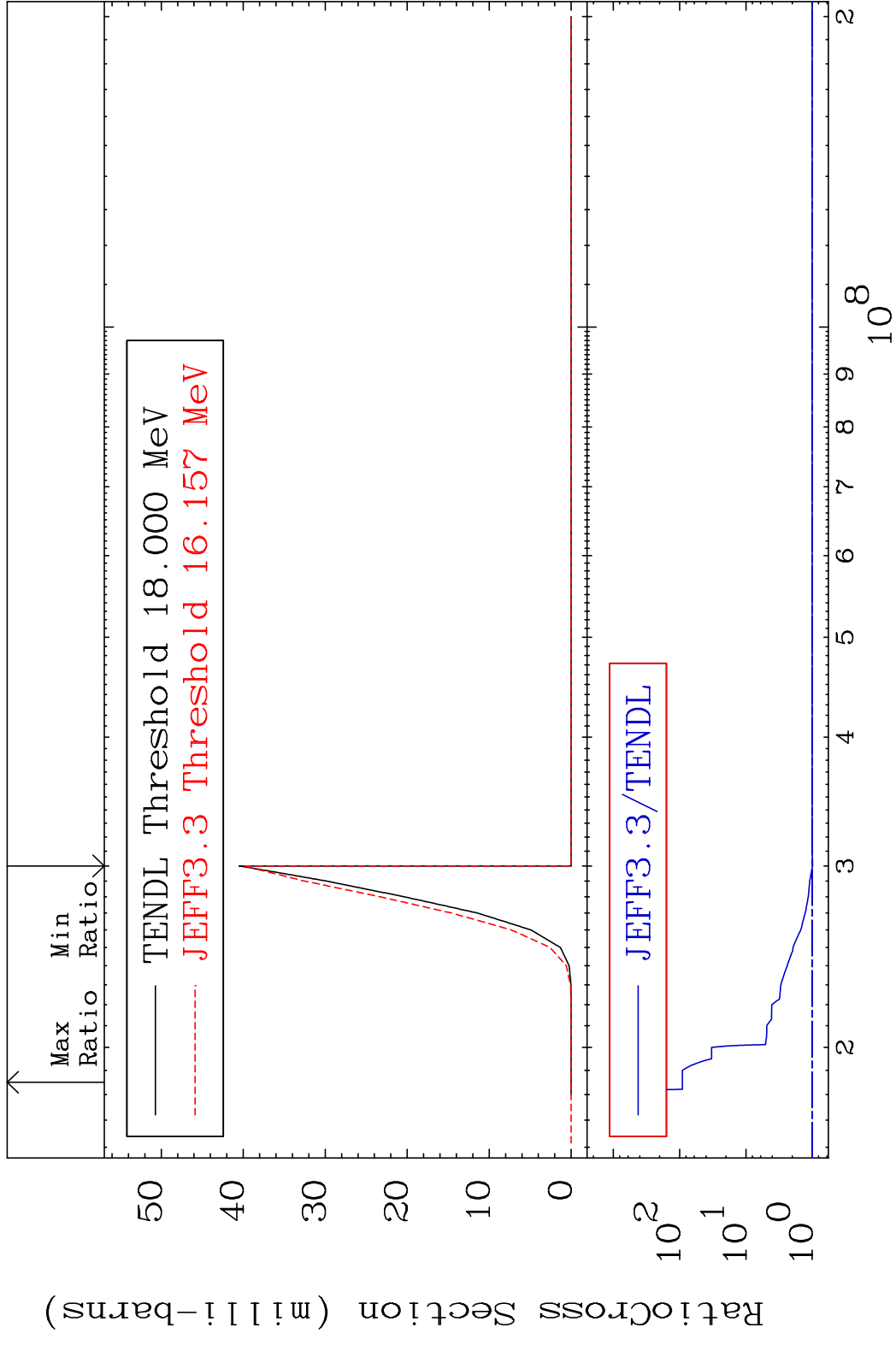
MAT 3237 (n,2n):32-Ge-73m2 32-Ge-74
 Radionuclide Production Cross Section 180.0 dth 361.5 %



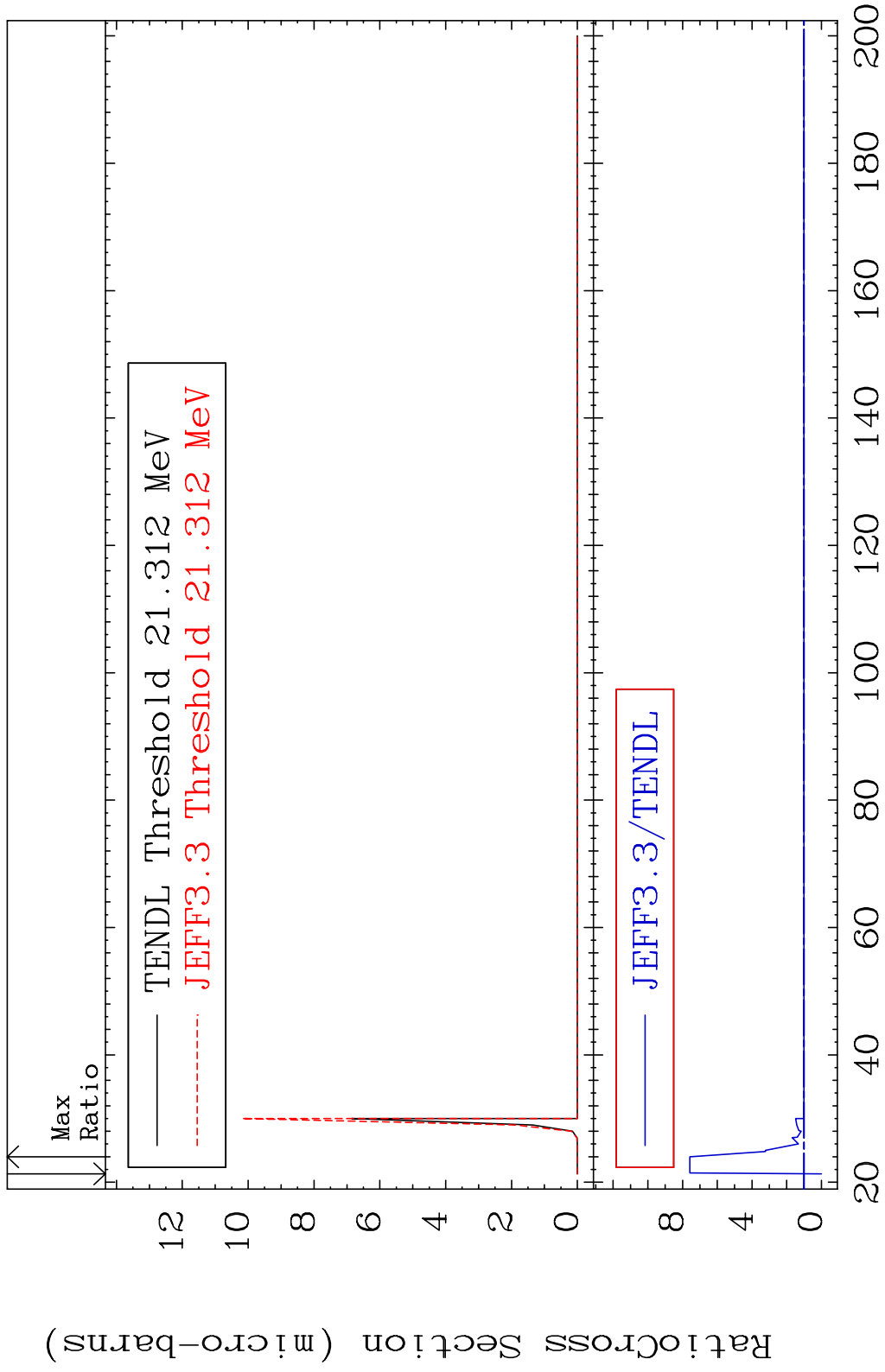
MAT 3237 (n,2n) α :30-Zn-69g 32-Ge-74
 Radionuclide Production Cross Section 100.00 dth 9999. %



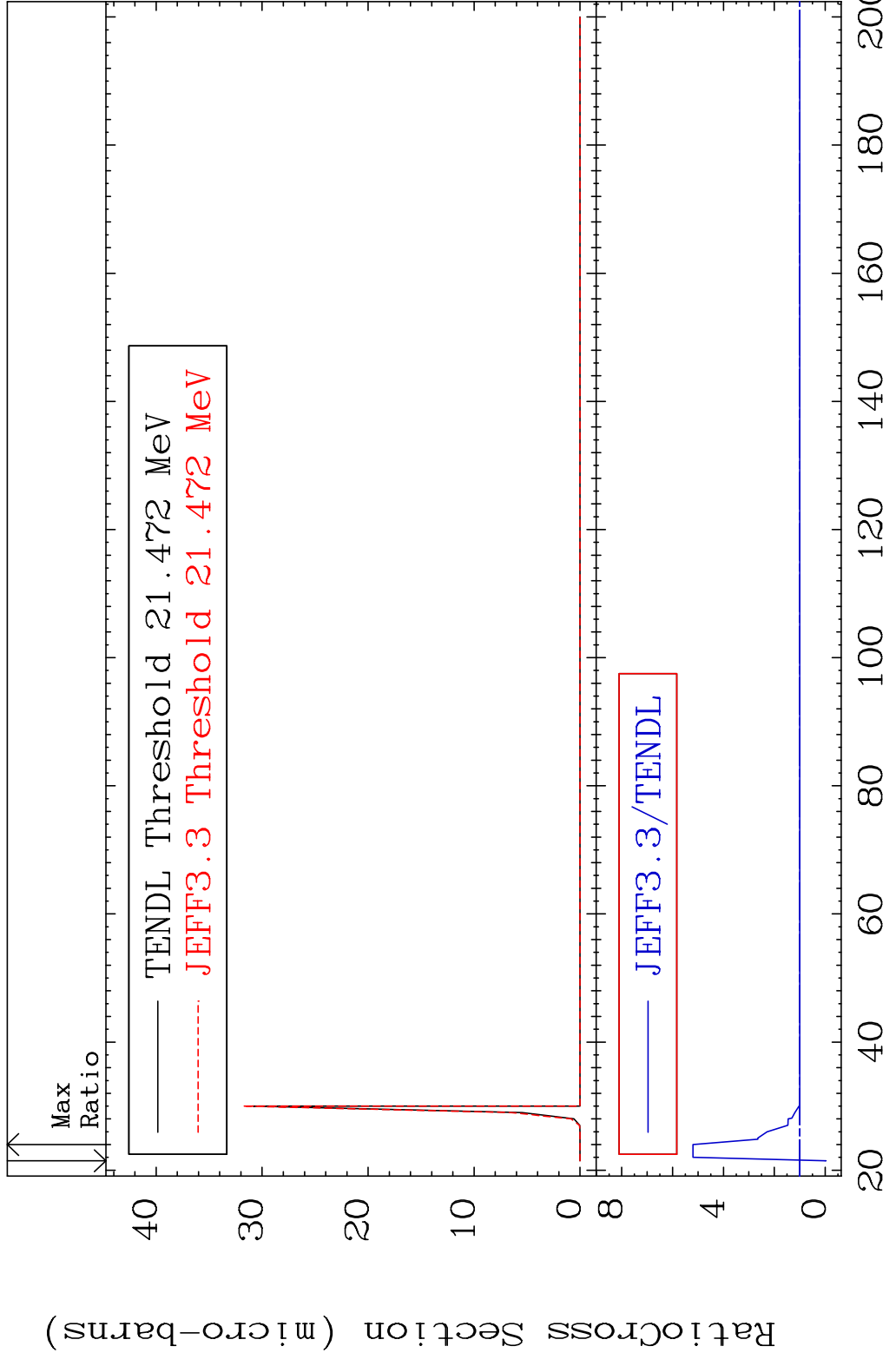
MAT 3237 (n,2n) α :30-Zn-69m1 32-Ge-74
 Radionuclide Production Cross Section 15675 dth 8999. %



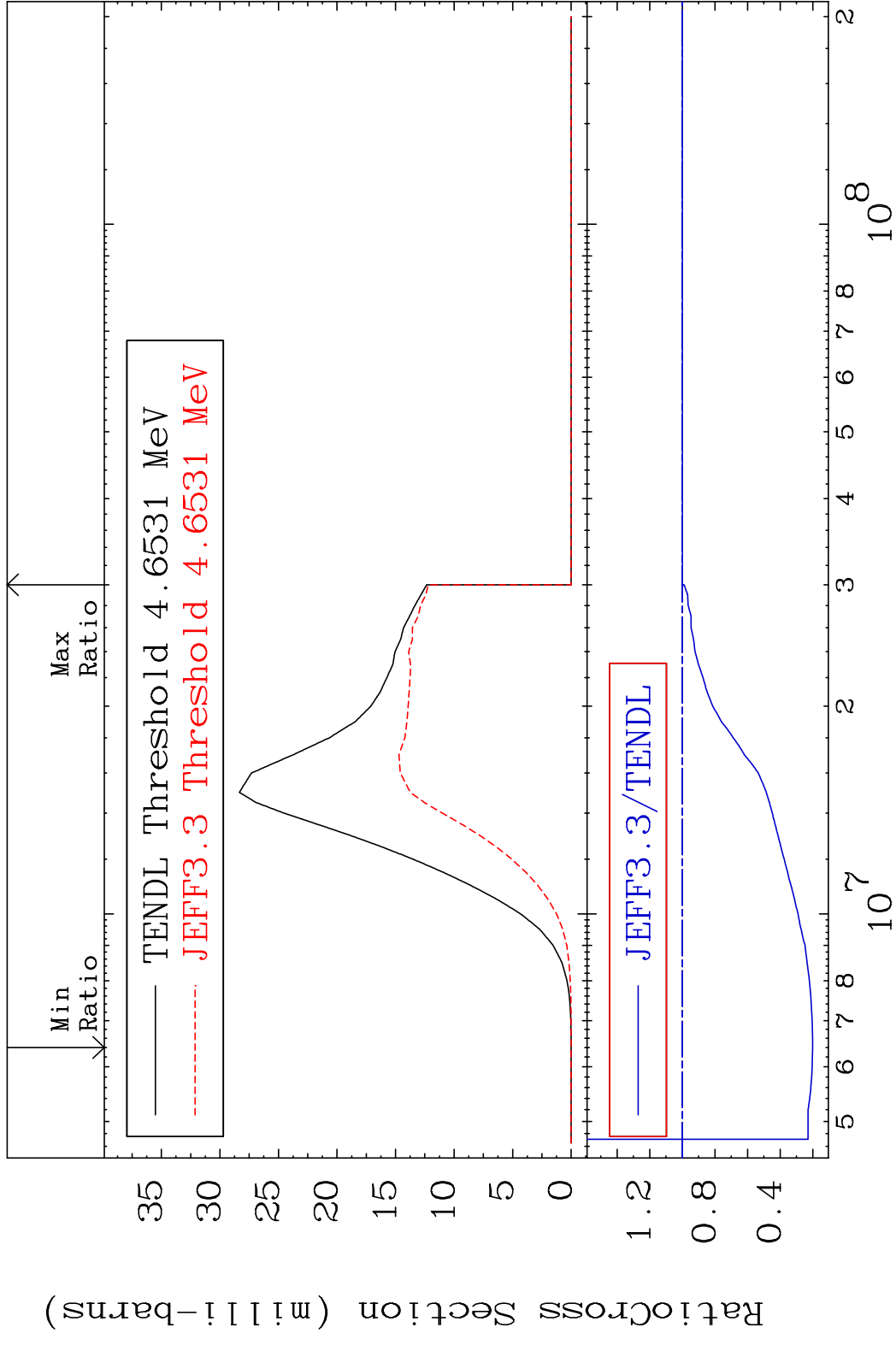
MAT 3237 (n, n') He-3:30-Zn-71g 32-Ge-74
 Radionuclide Production Cross Section Ratio 658.4 %

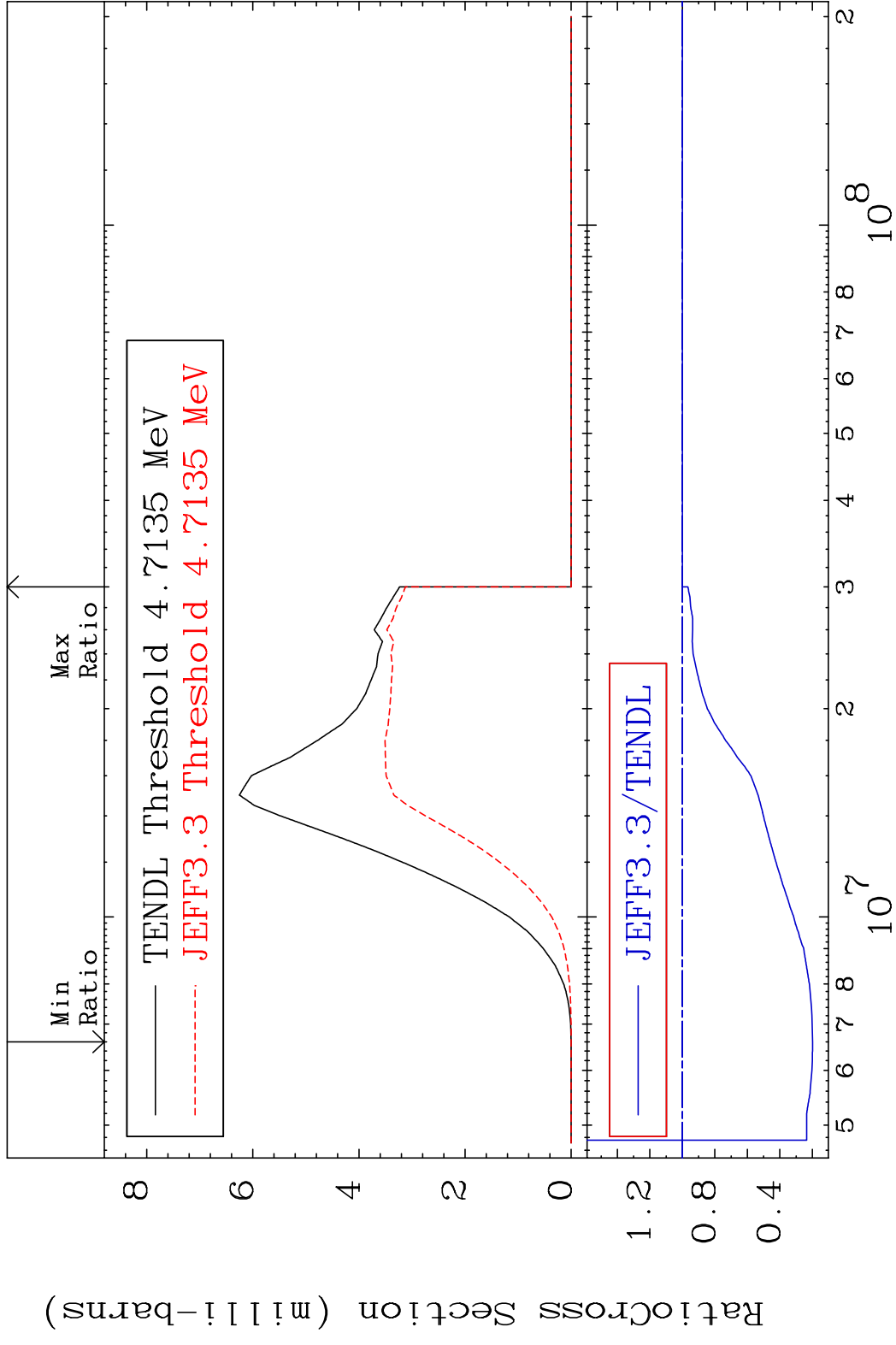


MAT 3237 (n, n') He-3:30-Zn-71m1 32-Ge-74
 Radionuclide Production Cross Section 180.0 d to 420.0 %

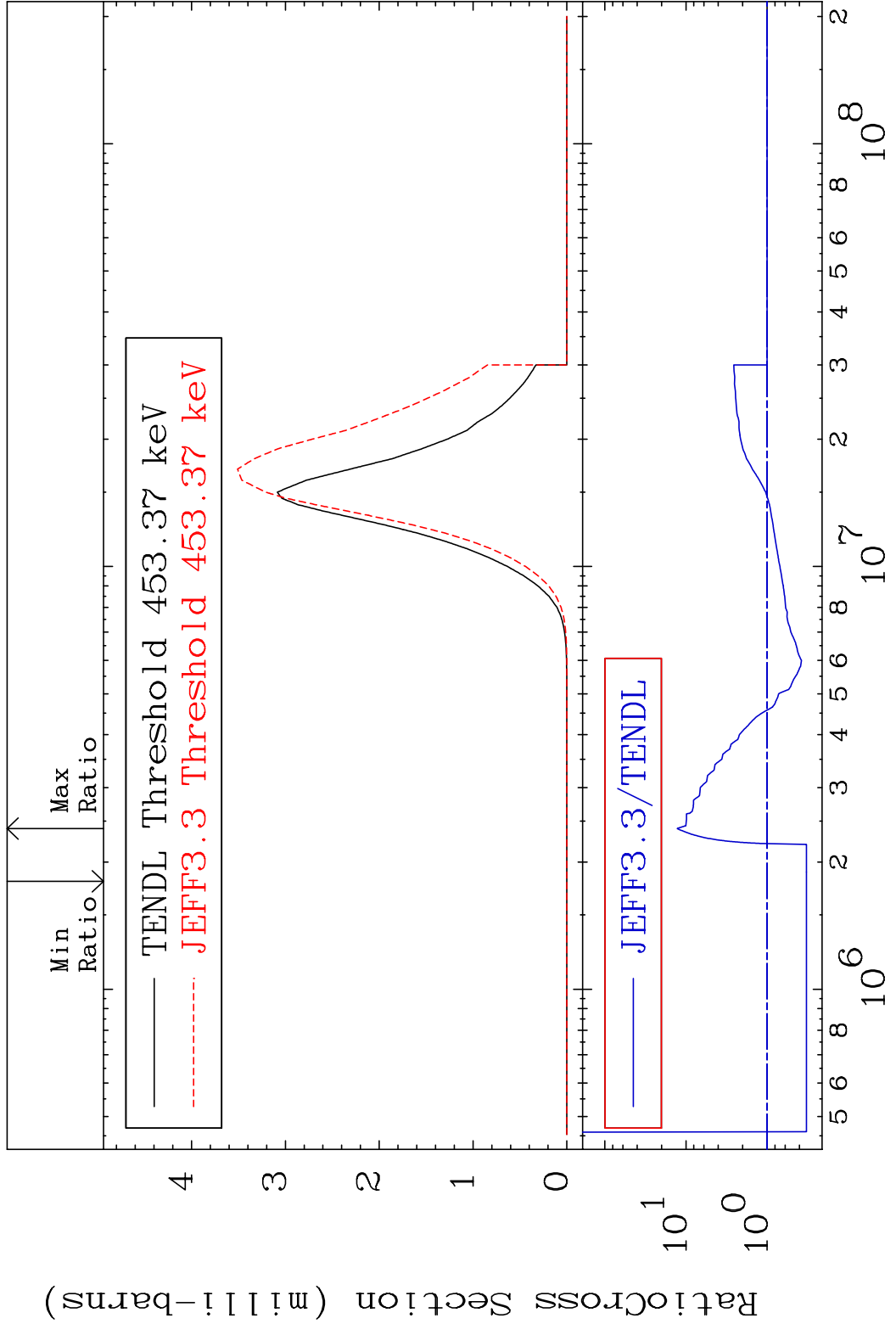


MAT 3237 (n, p):31-Ga-74g 32-Ge-74
 Radionuclide Production Cross Section 0.000 %

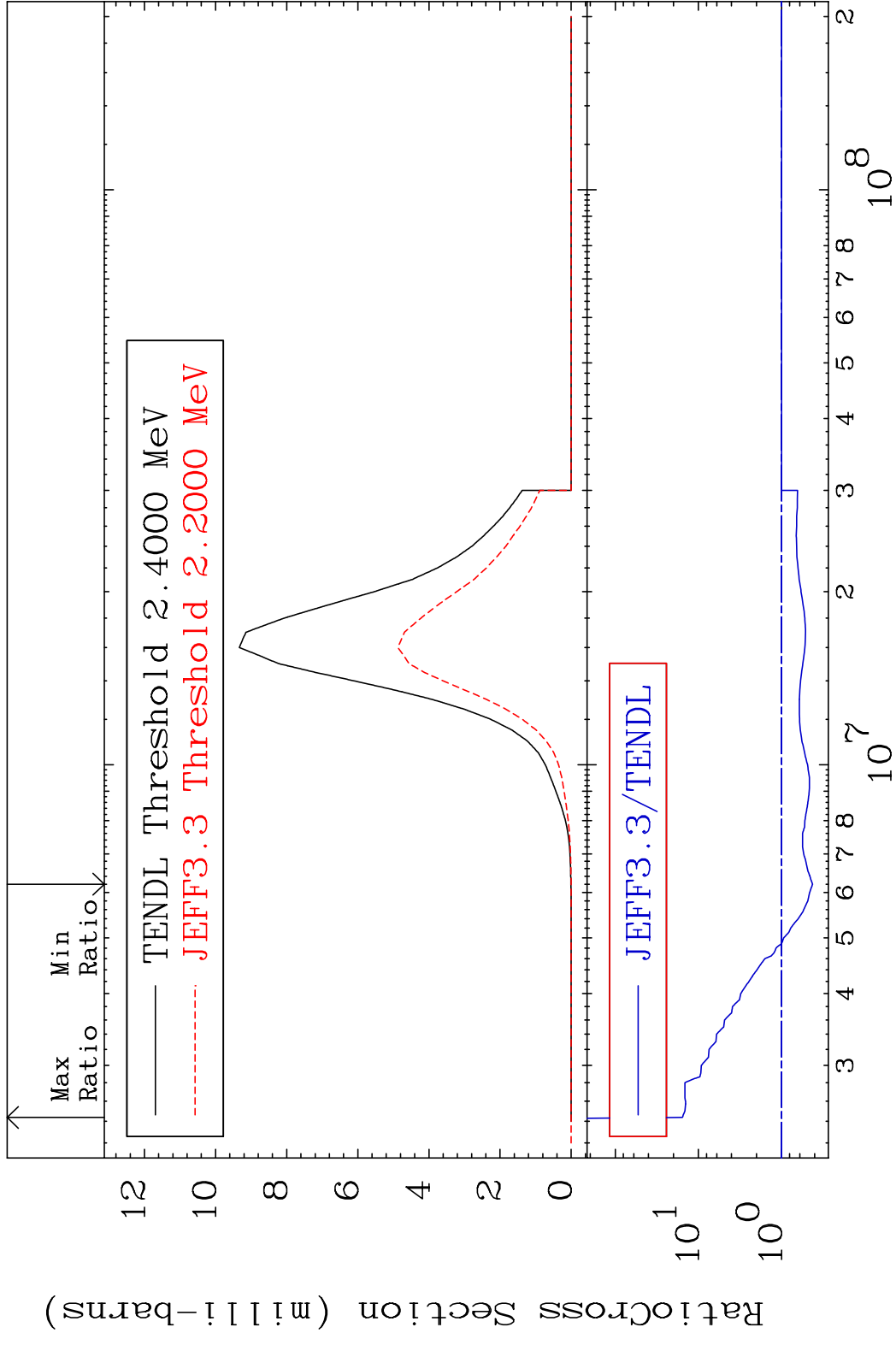




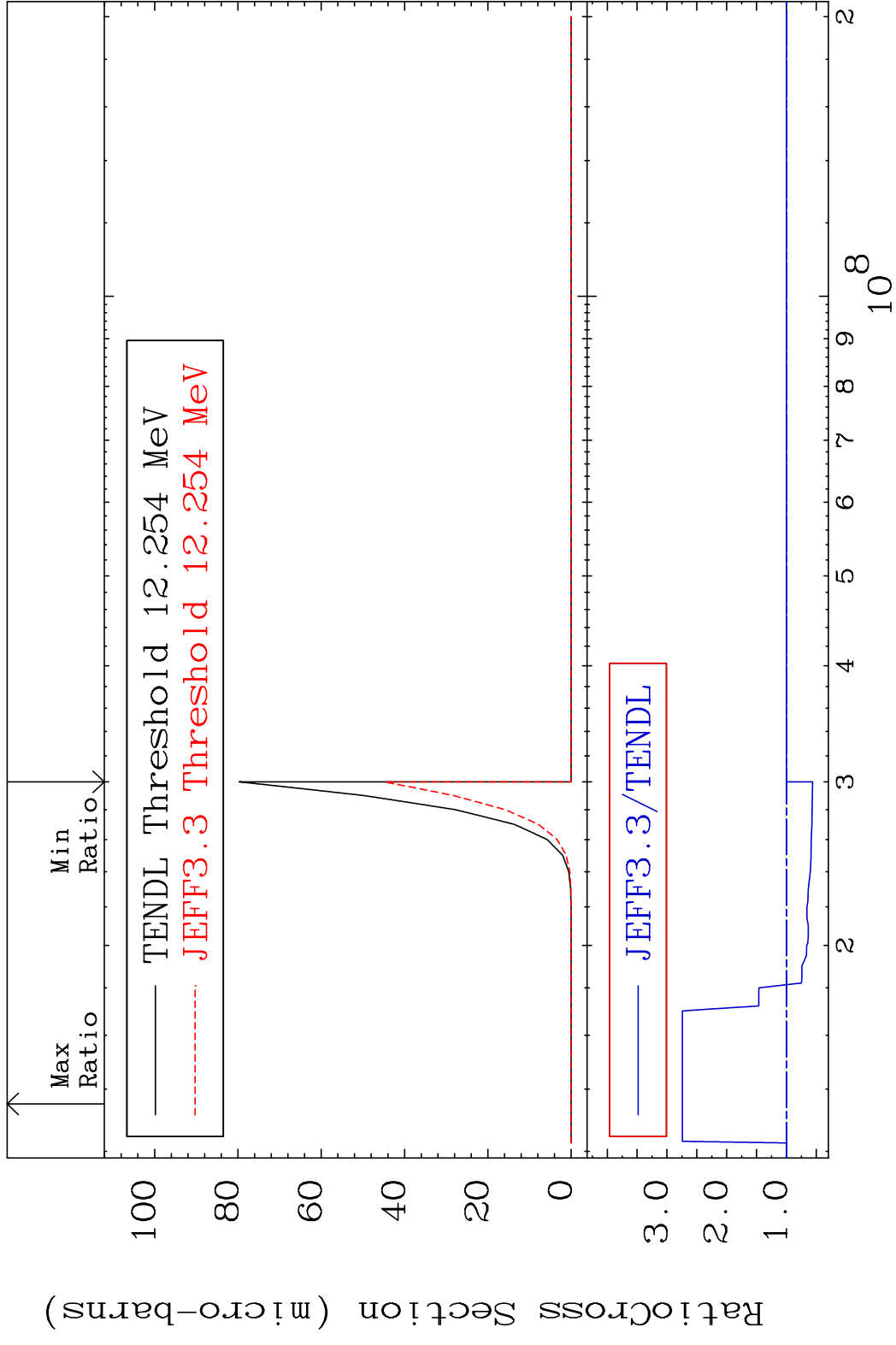
MAT 3237 (n, α):30-Zn-71g 32-Ge-74
 Radionuclide Production Cross Section 1184. %



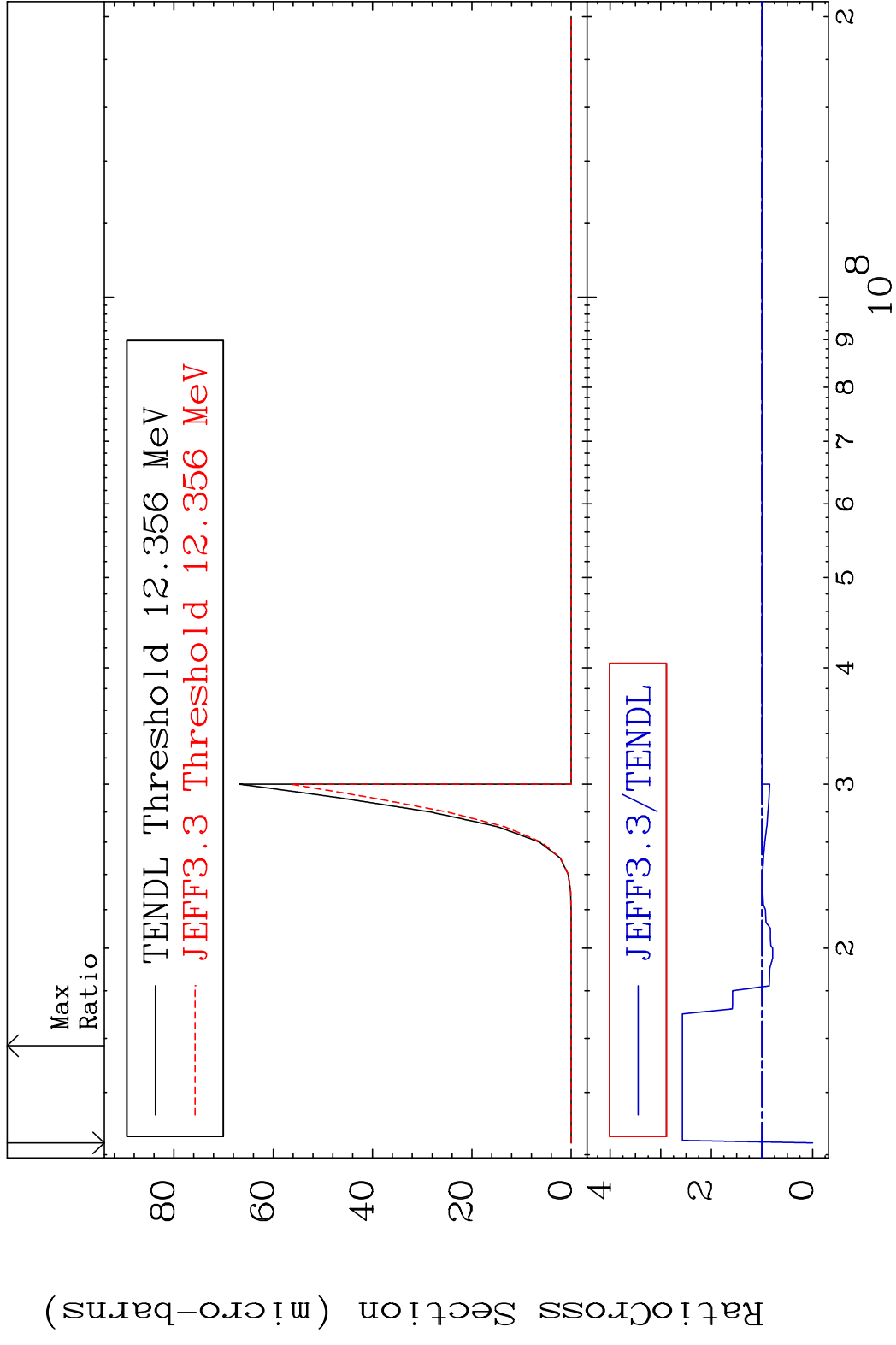
MAT 3237 (n,α):30-Zn-71m1 32-Ge-74
 Radionuclide Production Cross Section 1461. %

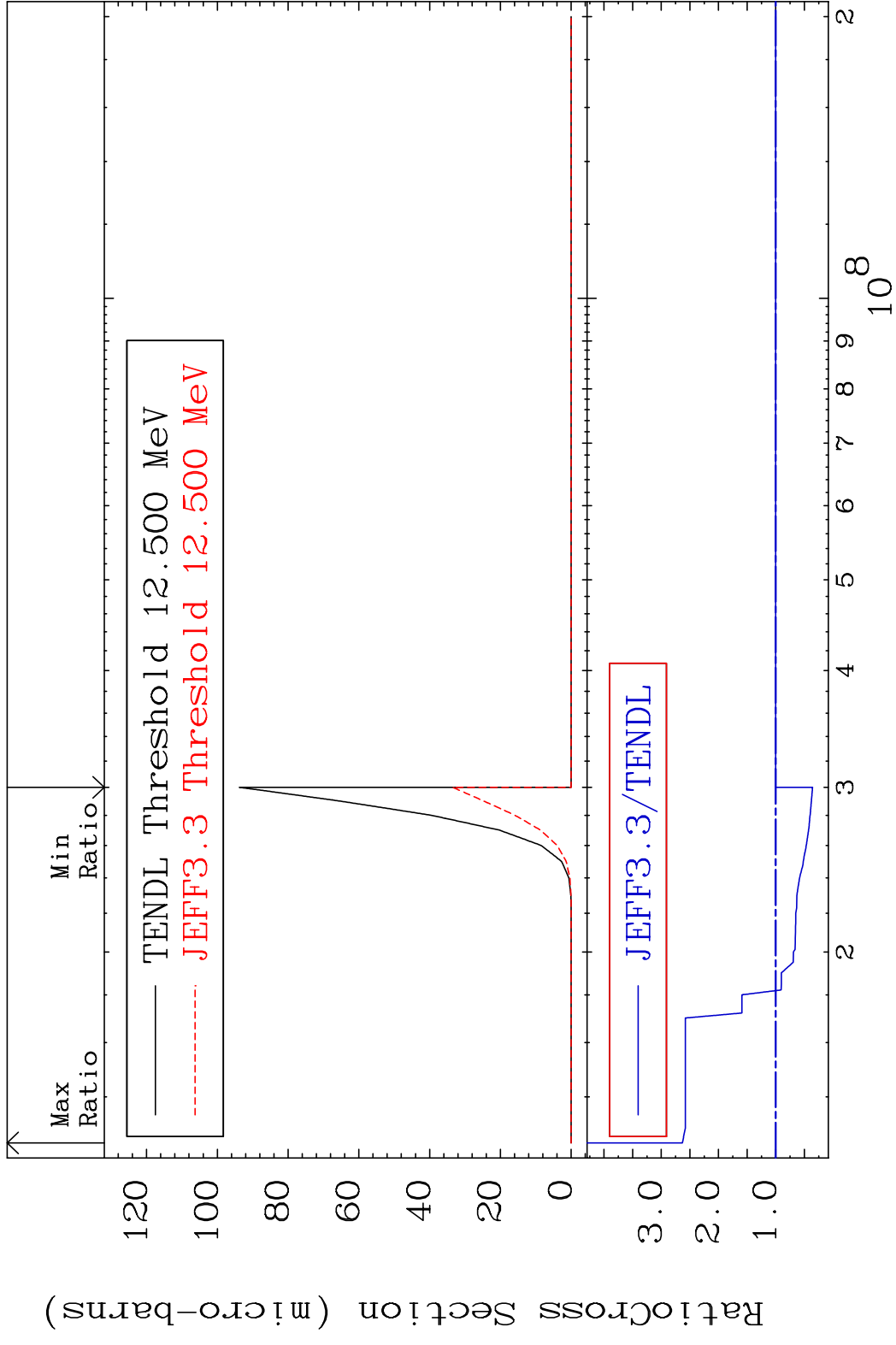


MAT 3237 (n, p) α :29-Cu-70g 32-Ge-74
 Radionuclide Production Cross Section 174.3 %

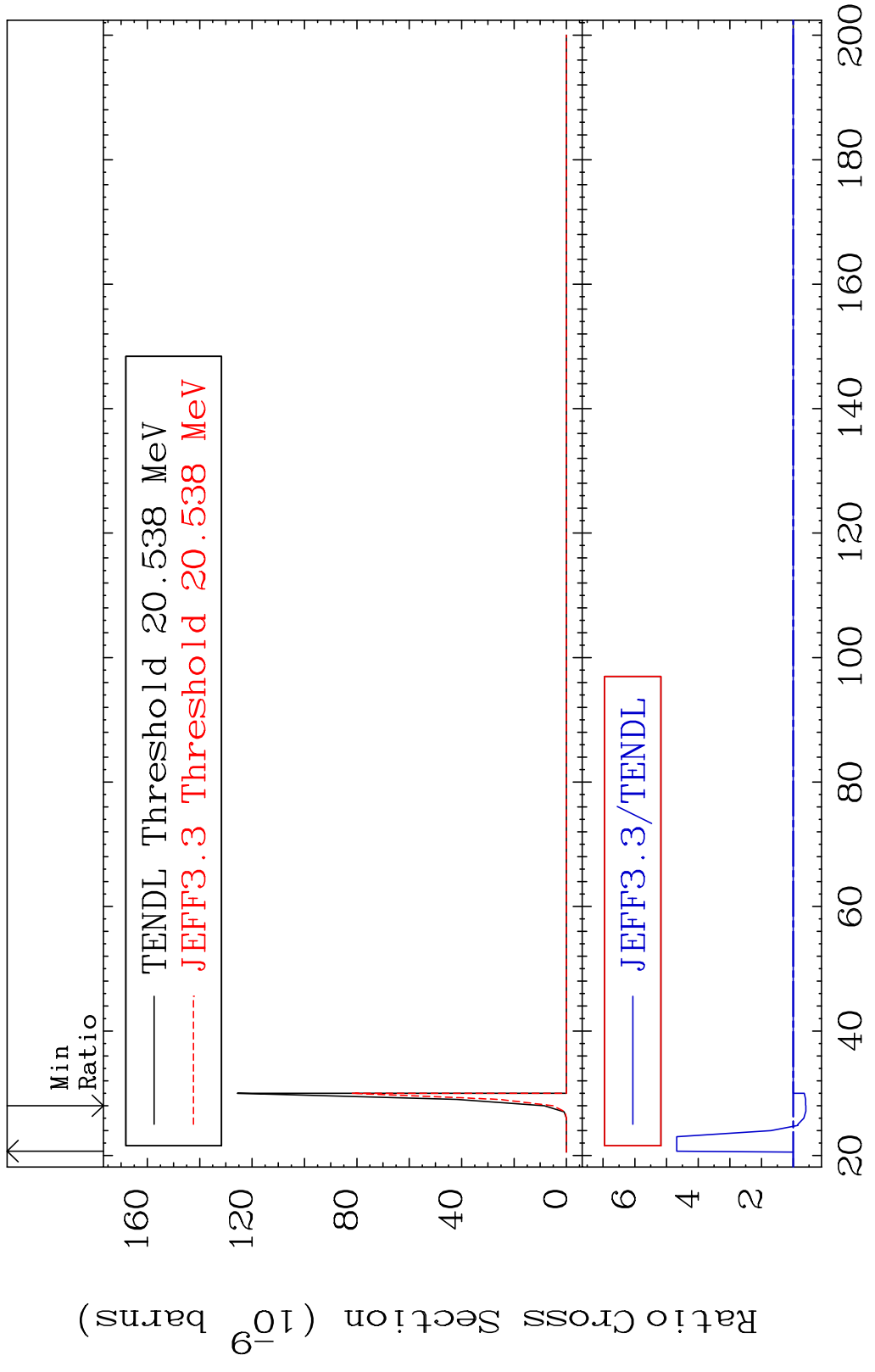


MAT 3237 (n, p) α :29-Cu-70m1 32-Ge-74
 Radionuclide Production Cross Section 180.0 dno 157.3 %





MAT 3237 (n, p) t:30-Zn-71g 32-Ge-74
 Radionuclide Production Cross Section 39.79 dth 367.8 %



MAT 3237 (n,p) t:30-Zn-71m1 32-Ge-74
 Radionuclide Production Cross Section 911.6 %

