

Program Complot
(Version 2021-1)

by

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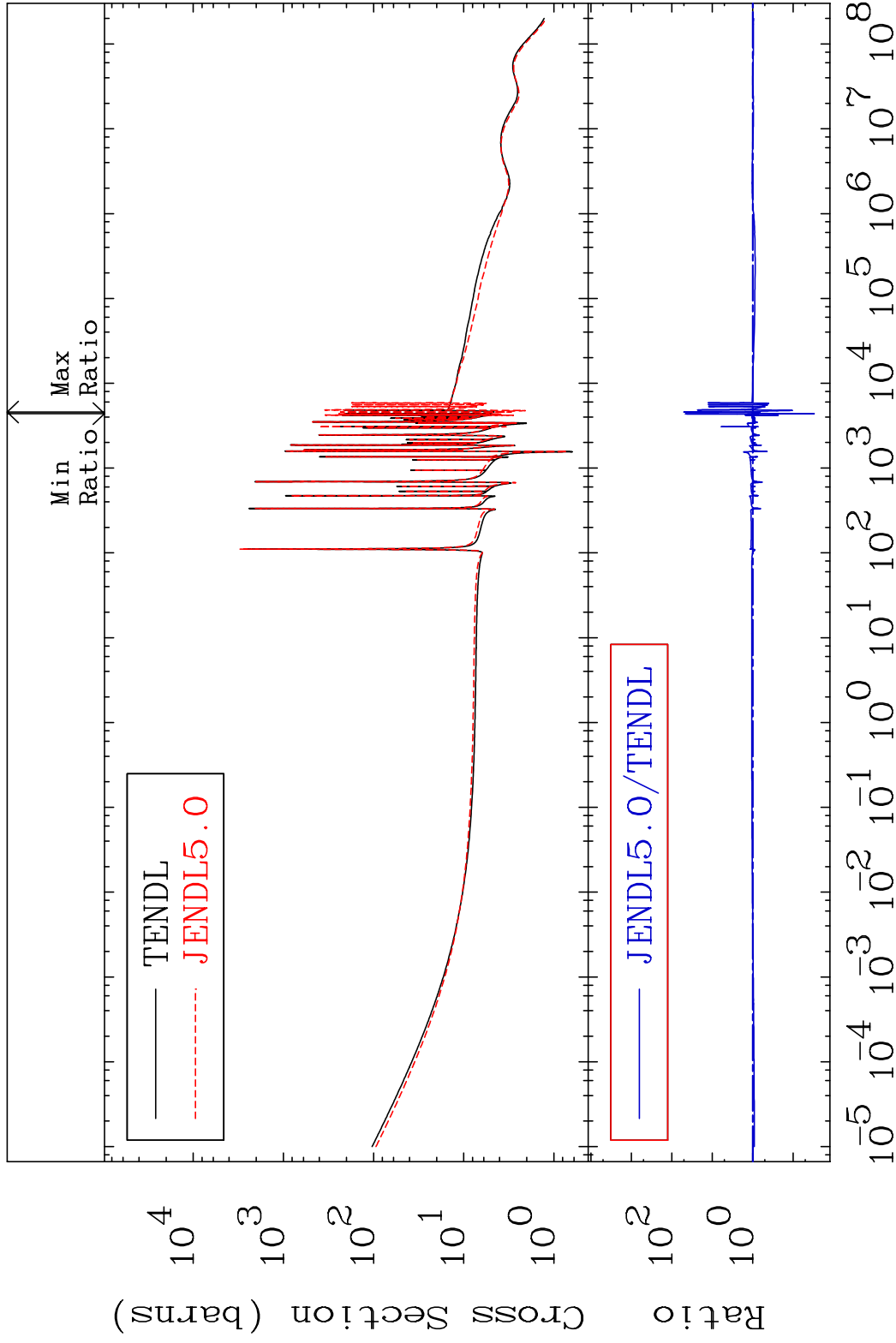
Press Mouse Button to Start

MAT 3125

Total

31-Ga-69

Cross Section -96.99 To 4984. %



1

Incident Energy (eV)

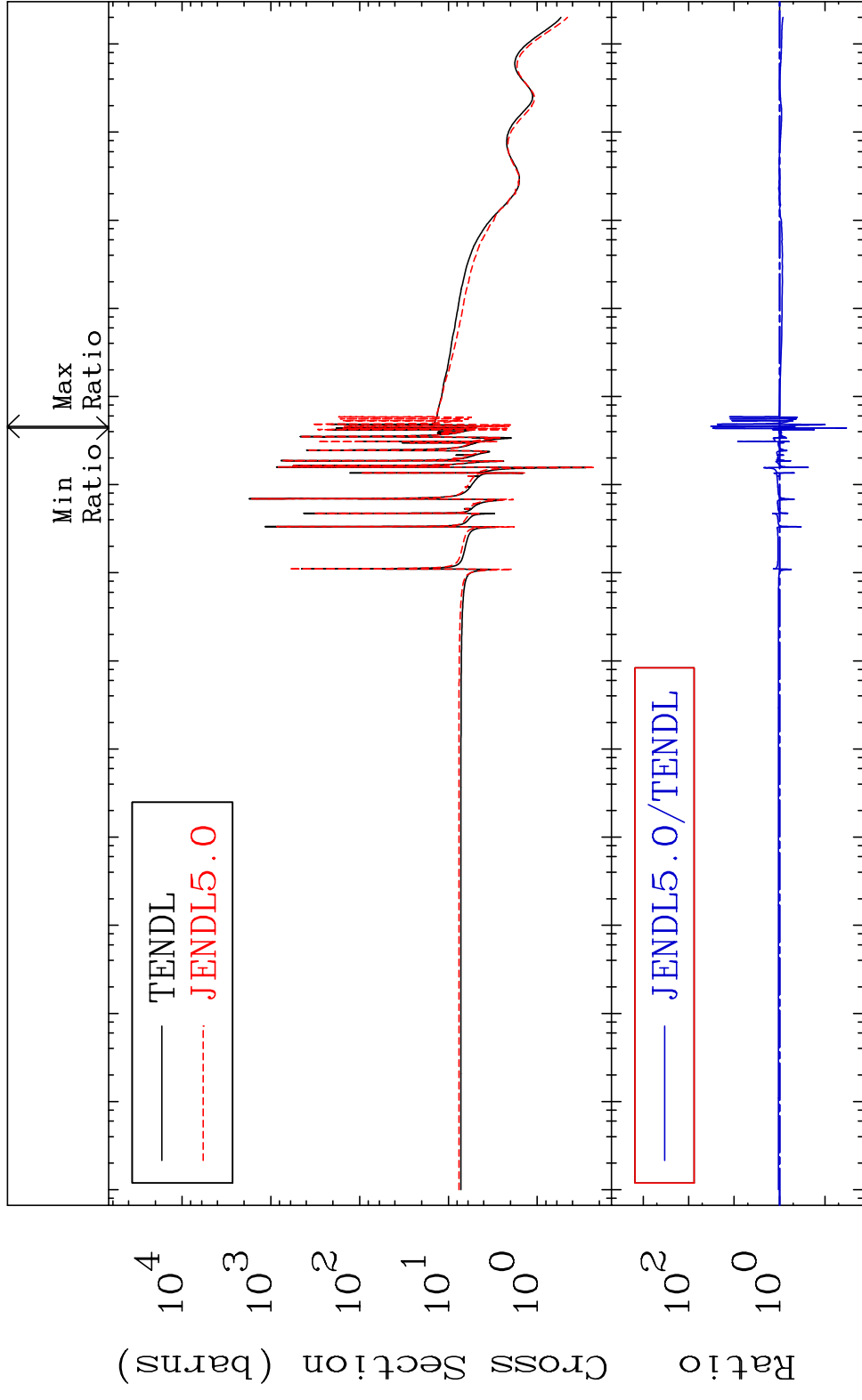
31-Ga-69

MAT 3125

Elastic

31-Ga-69

Cross Section -96.61 To 3167. %



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

2

Incident Energy (eV)

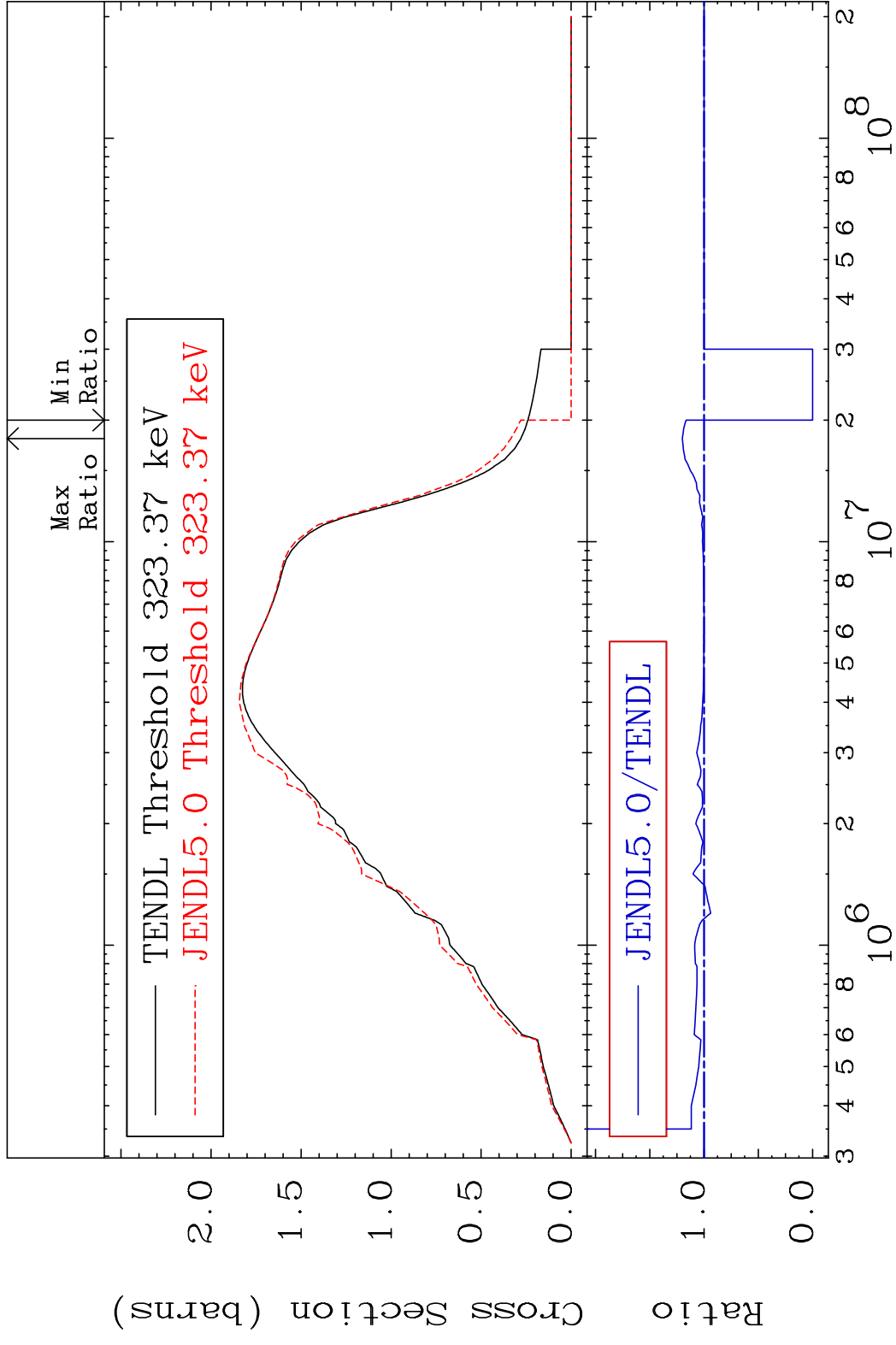
31-Ga-69

MAT 3125

31-Ga-69

Inelastic

Cross Section -100.0 To 19.96 %



3

Incident Energy (eV)

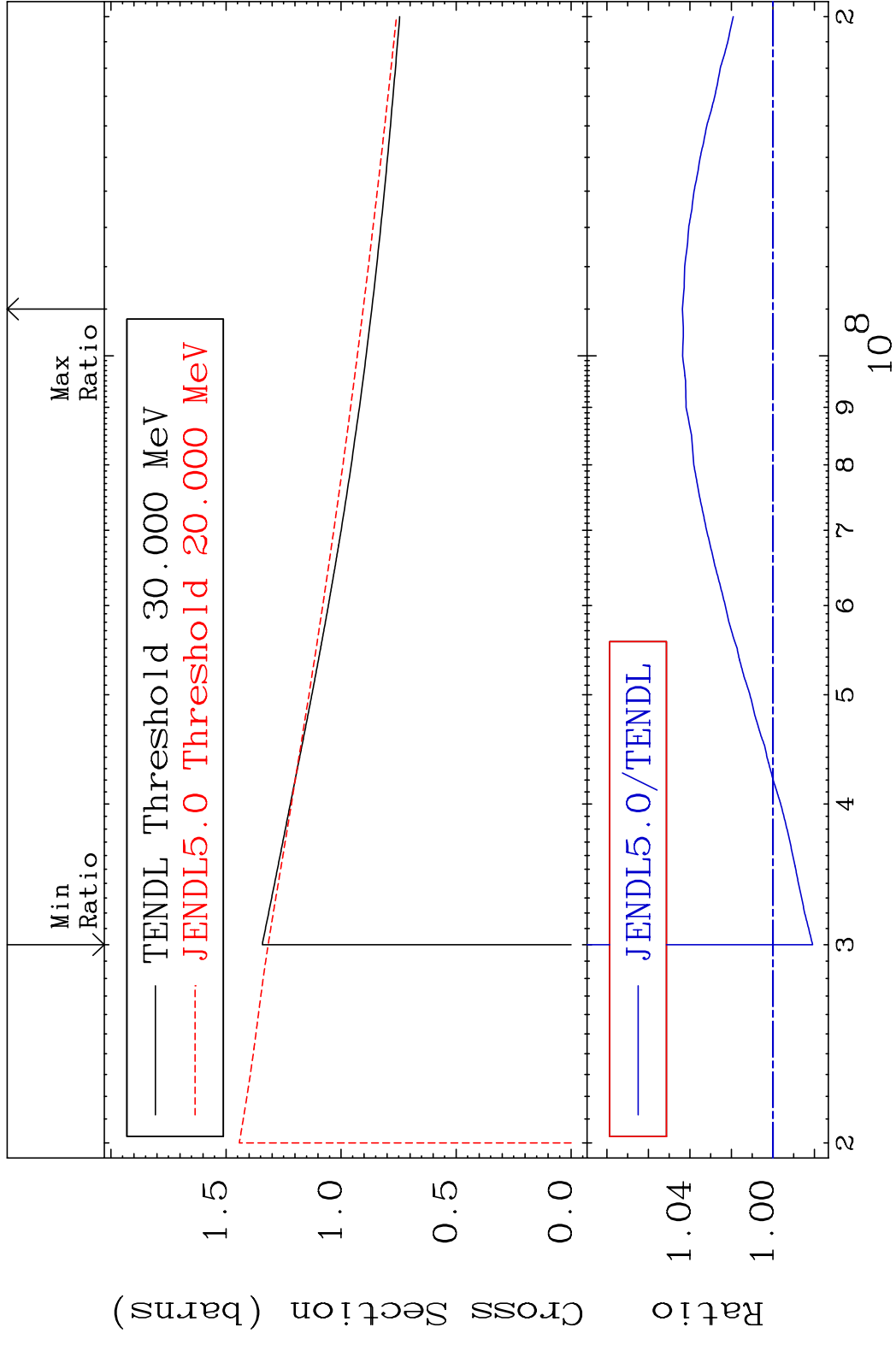
31-Ga-69

MAT 3125

(n, remainder)

31-Ga-69

Cross Section -1.914 To 4.360 %

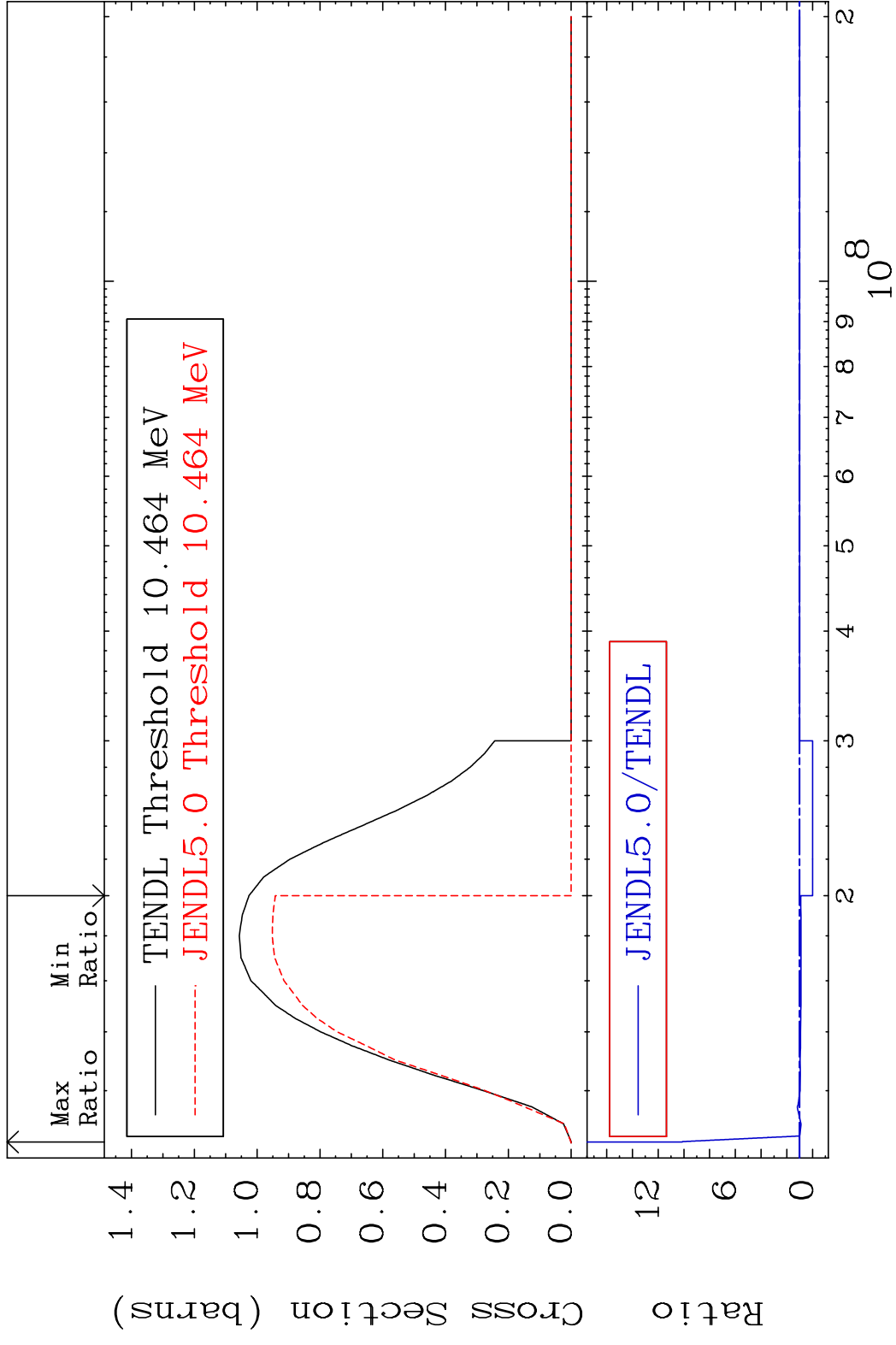


4

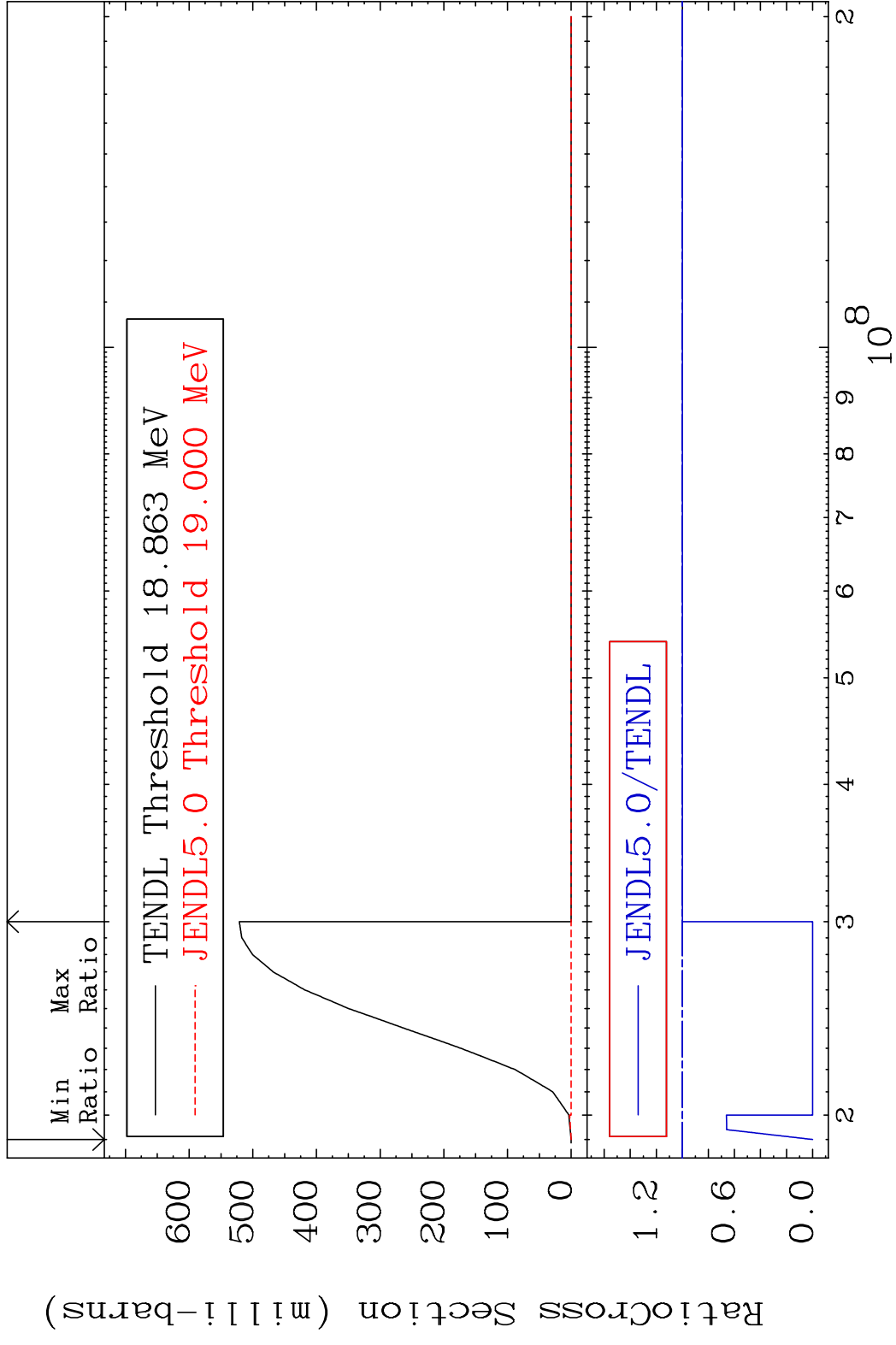
Incident Energy (eV)

31-Ga-69

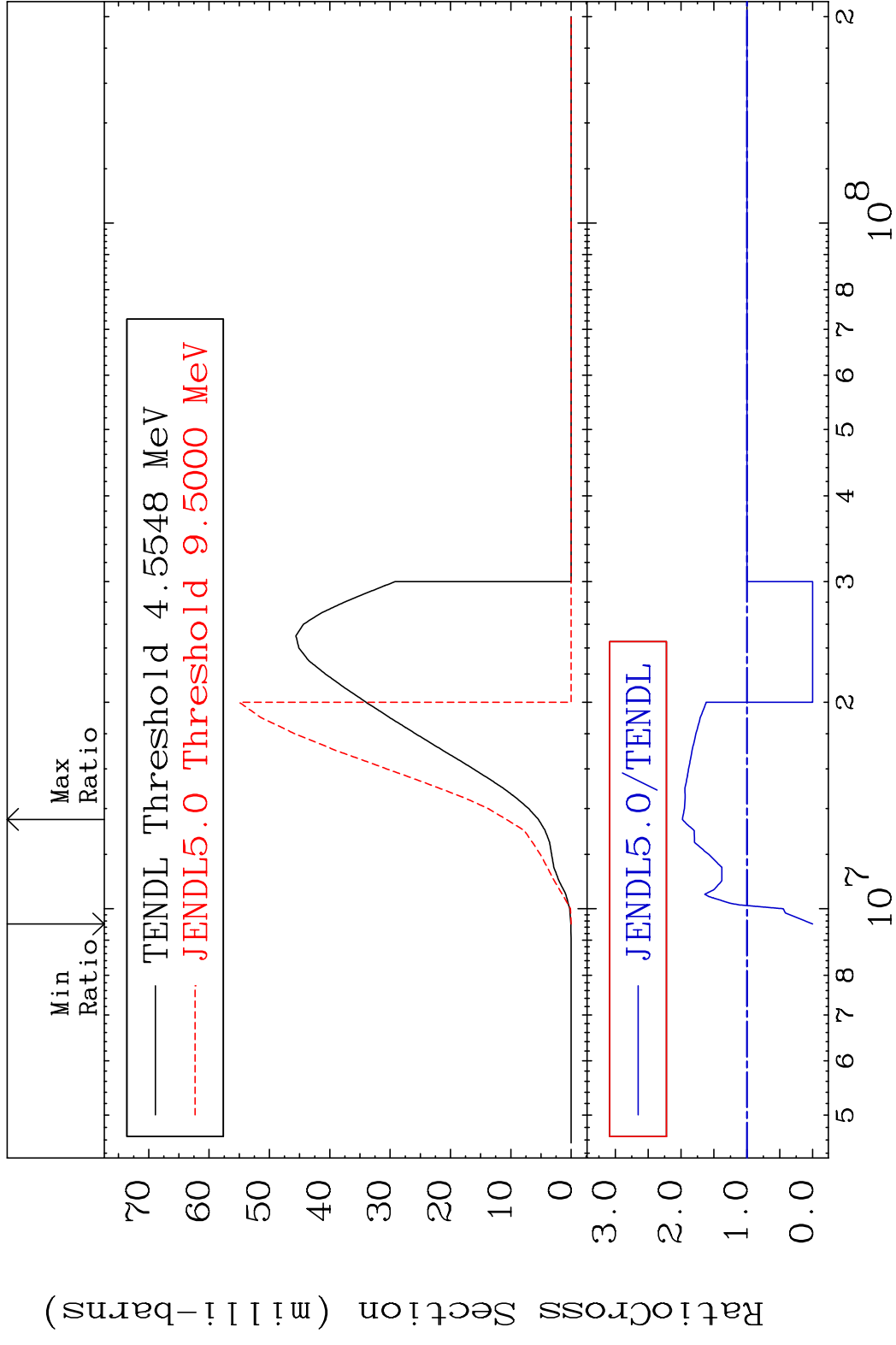
MAT 3125 (n,2n) 31-Ga-69
 Cross Section -100.0 To 911.9 %



MAT 3125 (n,3n) 31-Ga-69
 Cross Section -100.0 To 0.000 %



MAT 3125 (n, n') α 31-Ga-69
 Cross Section -100.0 To 98.09 %

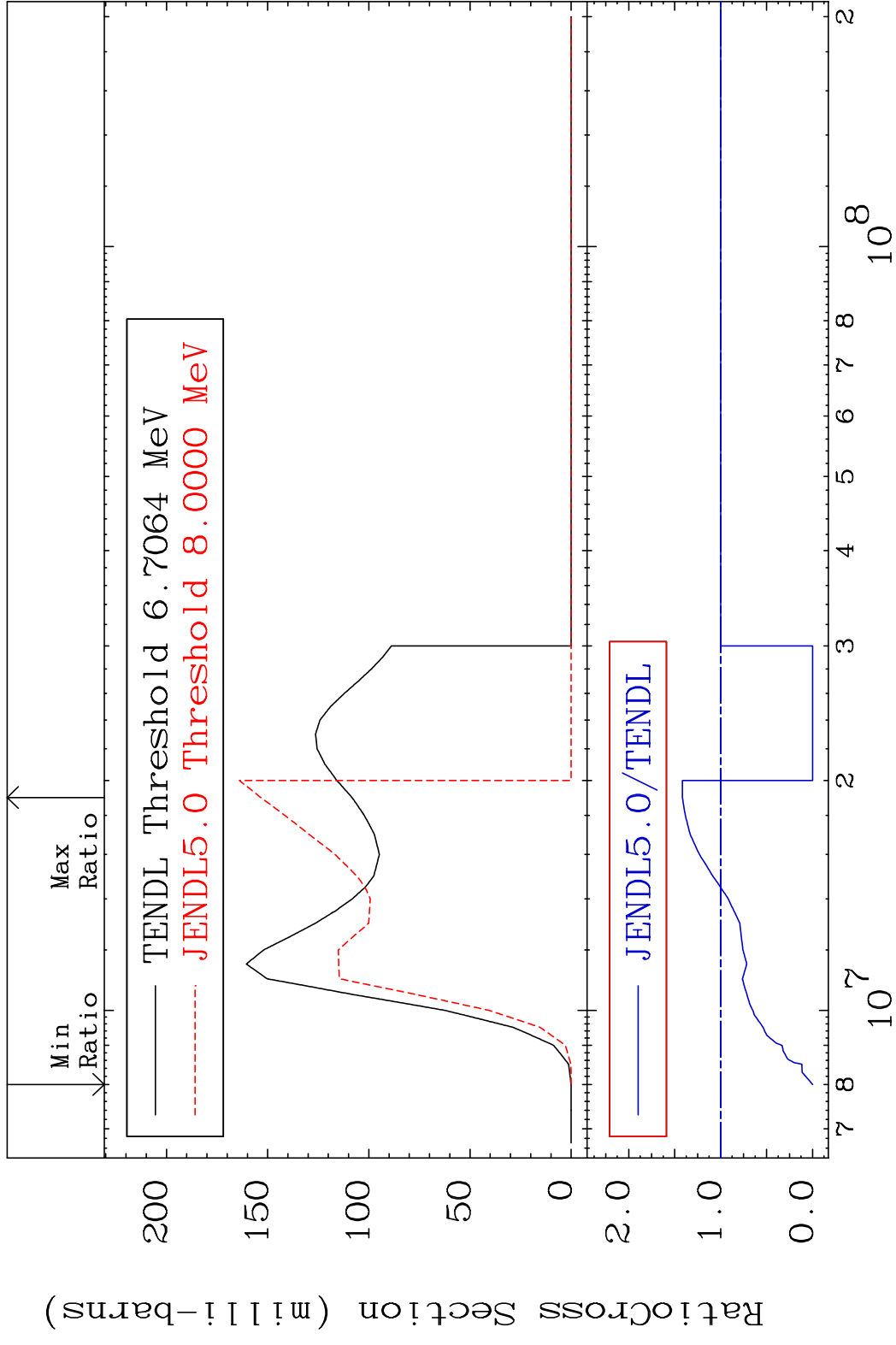


MAT 3125

(n, n') p

31-Ga-69

Cross Section -100.0 To 41.64 %



8

Incident Energy (eV)

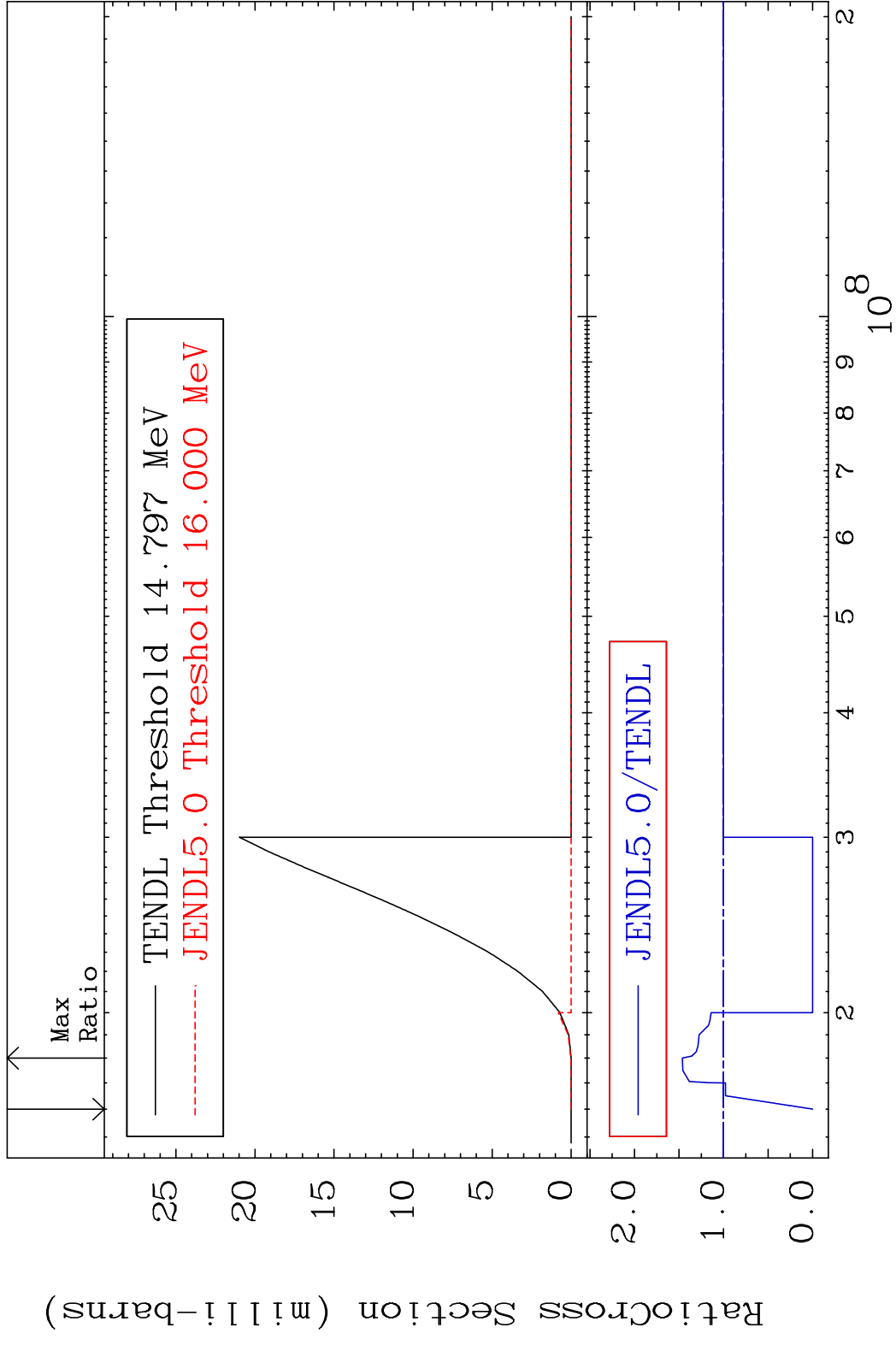
31-Ga-69

MAT 3125

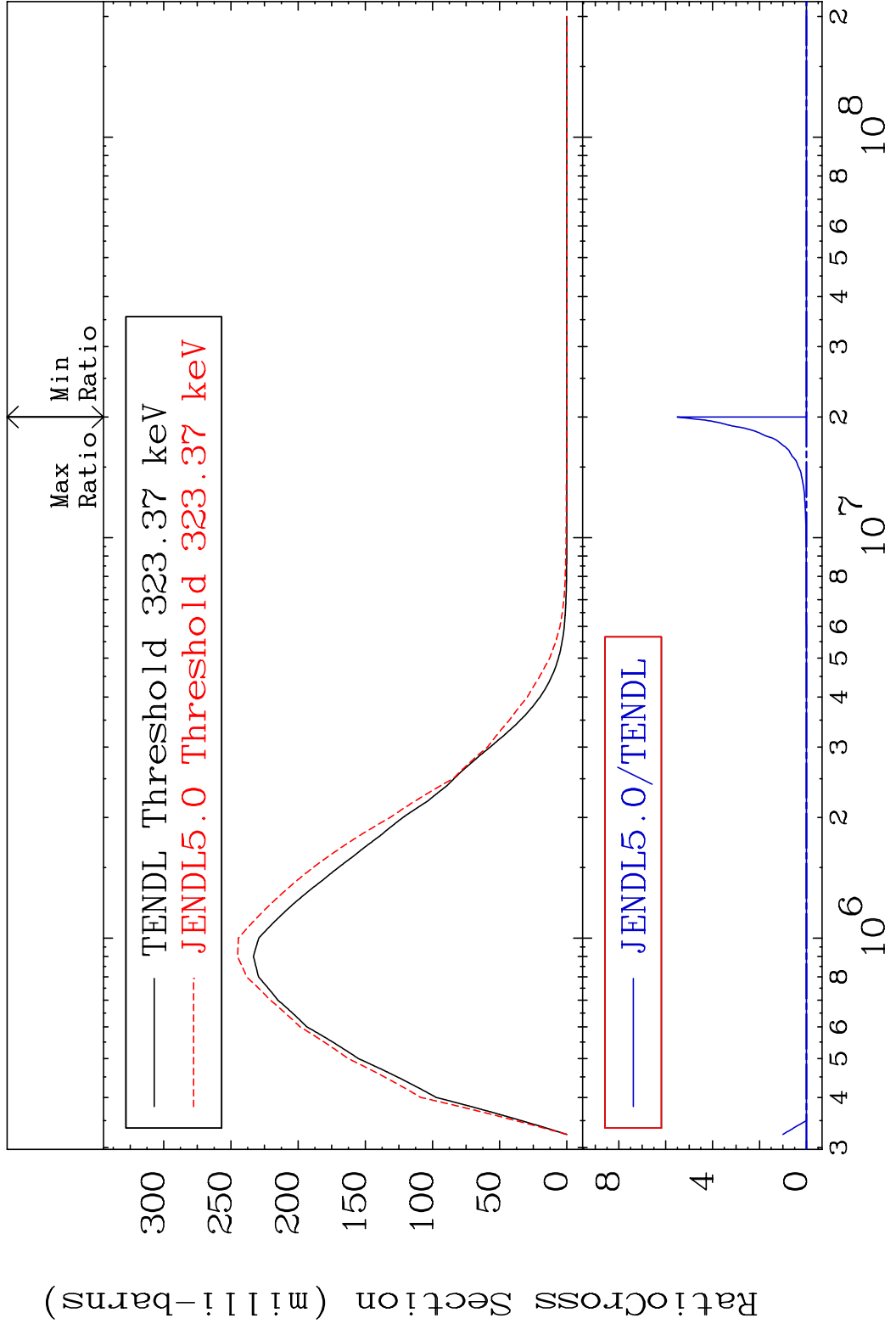
(n, n') d

31-Ga-69

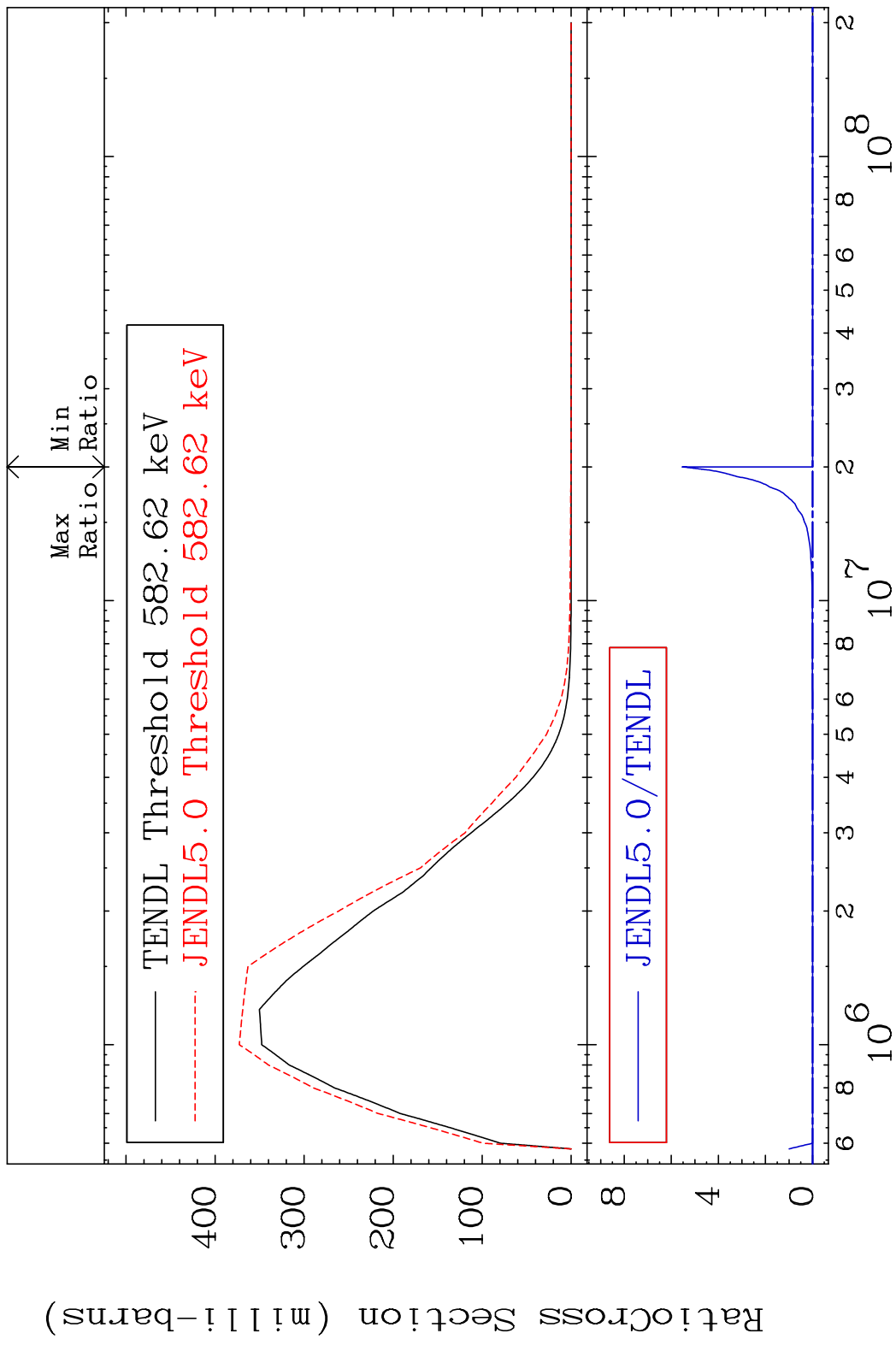
Cross Section -100.0 To 46.24 %



MAT 3125 MT= 51 (n,n') Level 31-Ga-69
 Cross Section -100.0 To 9999. %

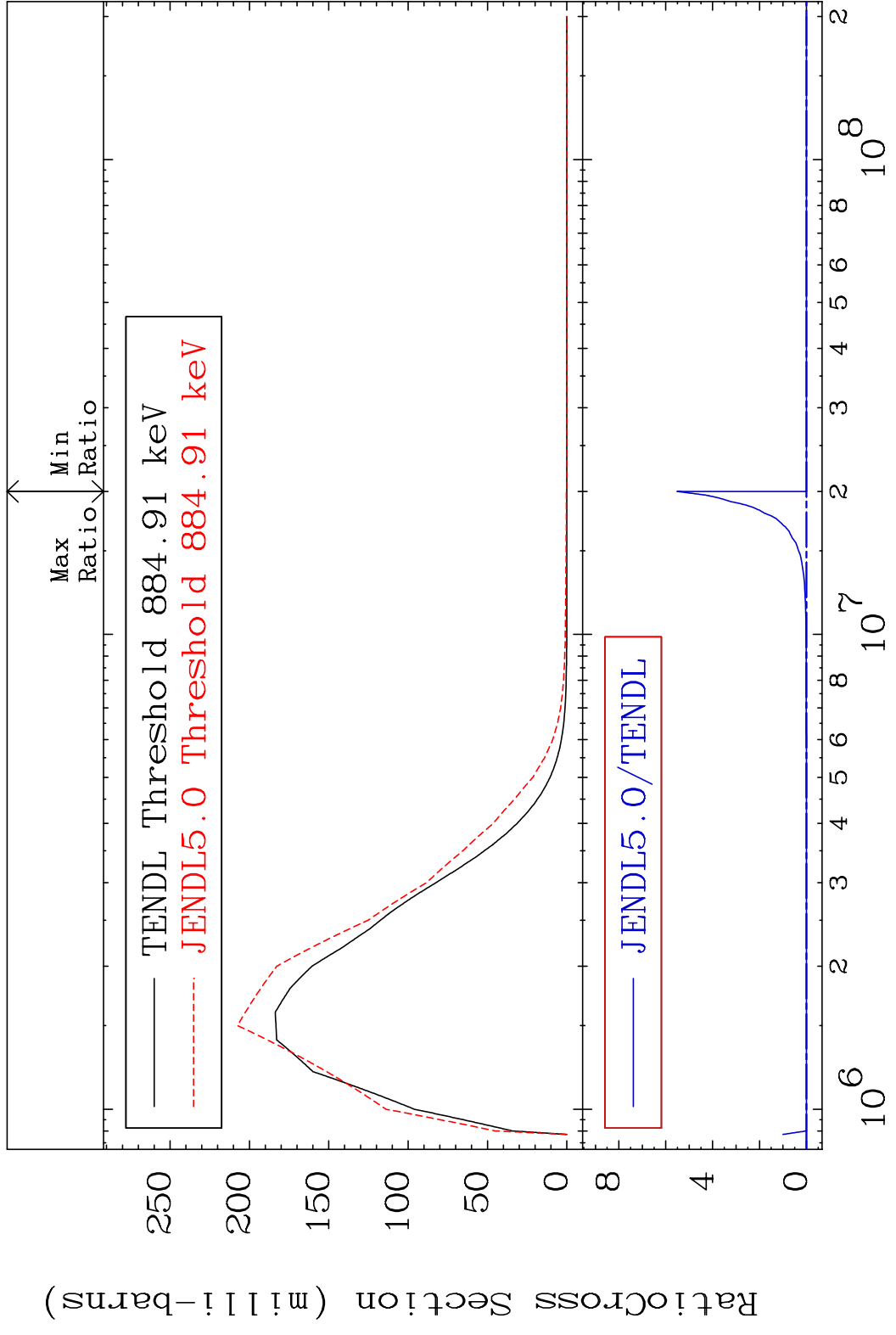


MAT 3125 MT= 52 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 9999. %



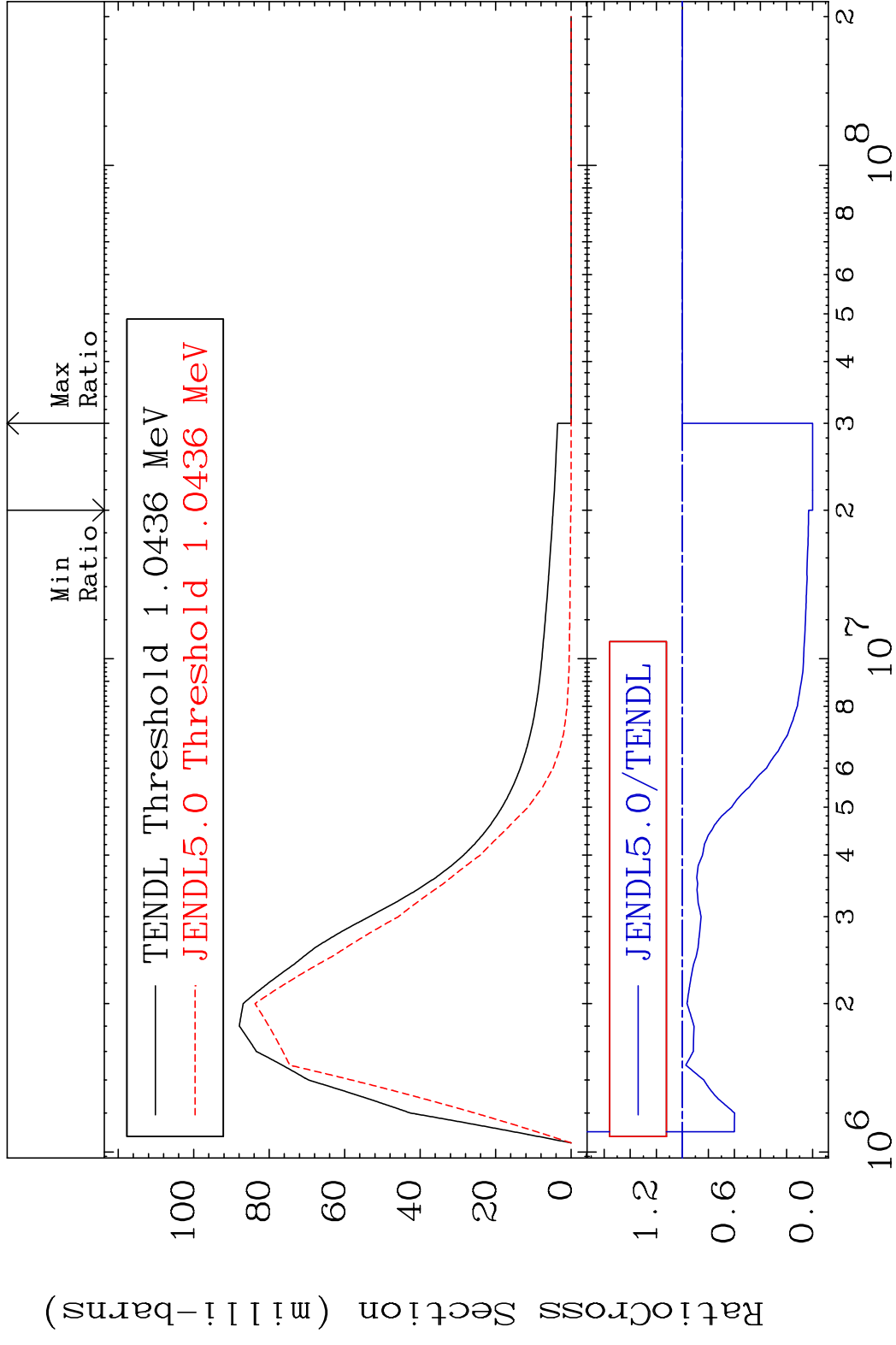
11 Incident Energy (eV) 31-Ga-69

MAT 3125 MT= 53 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 9999. %

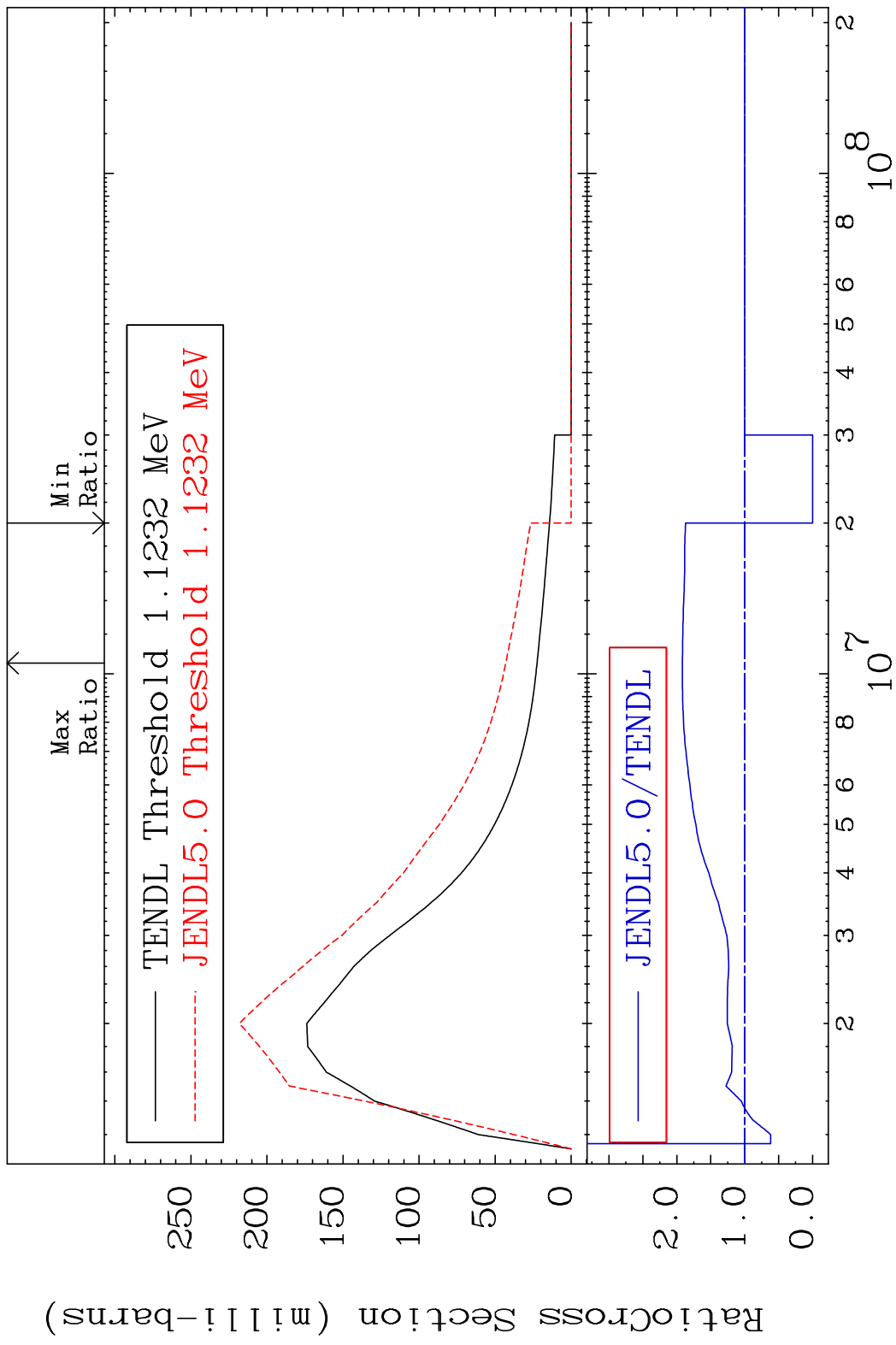


12 31-Ga-69

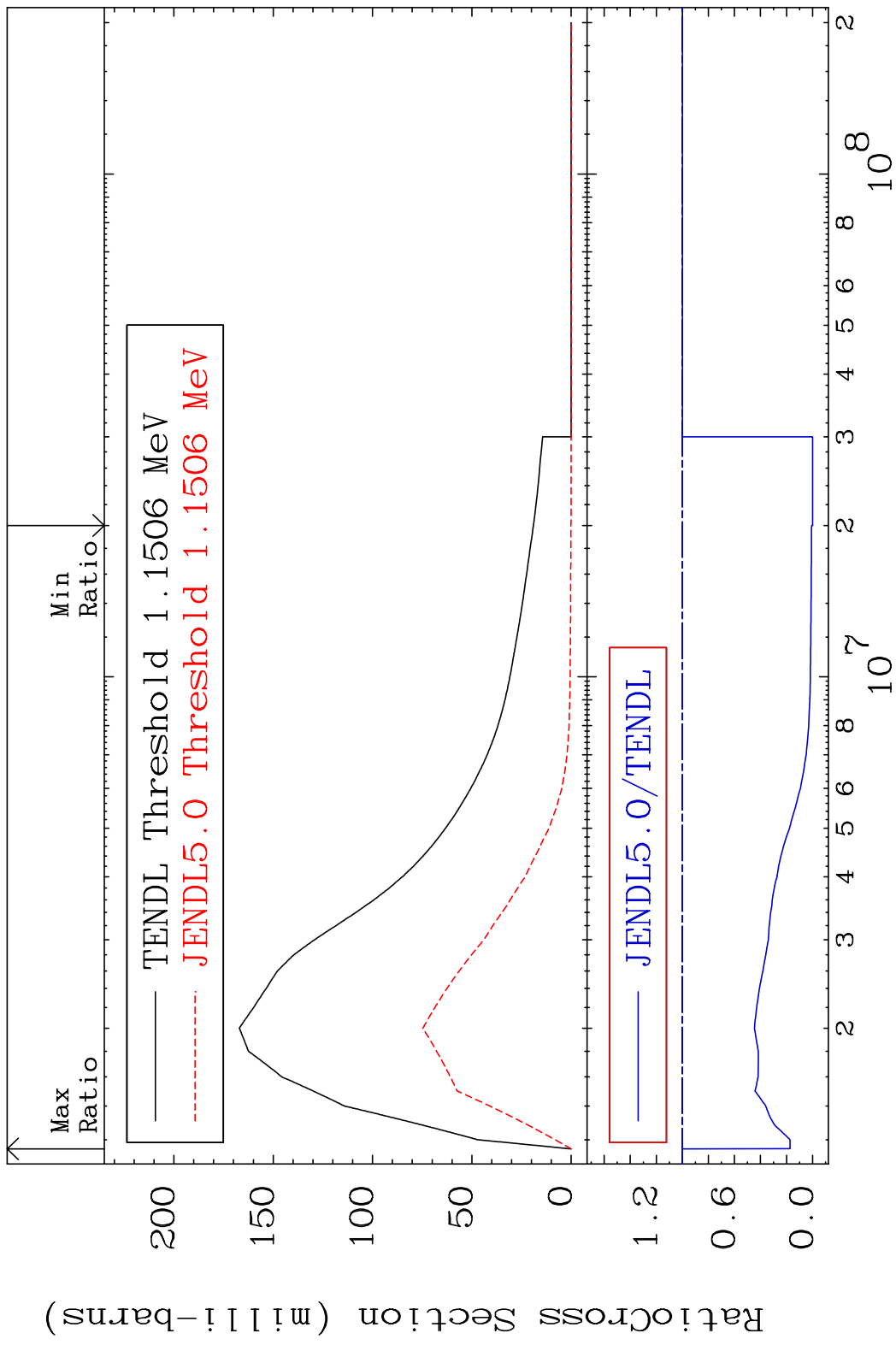
MAT 3125 MT= 54 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 0.000 %



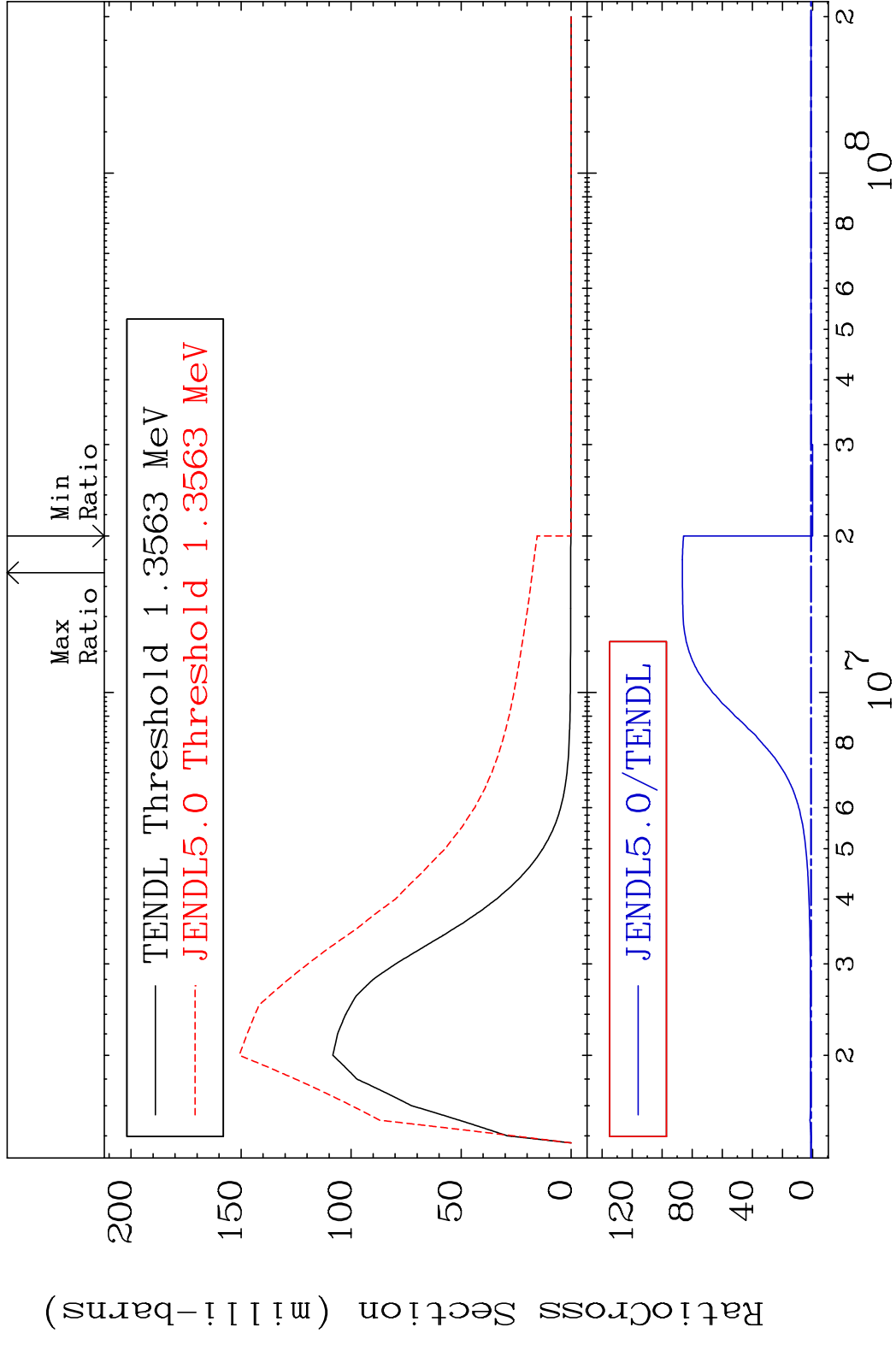
MAT 3125 MT= 55 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 91.83 %



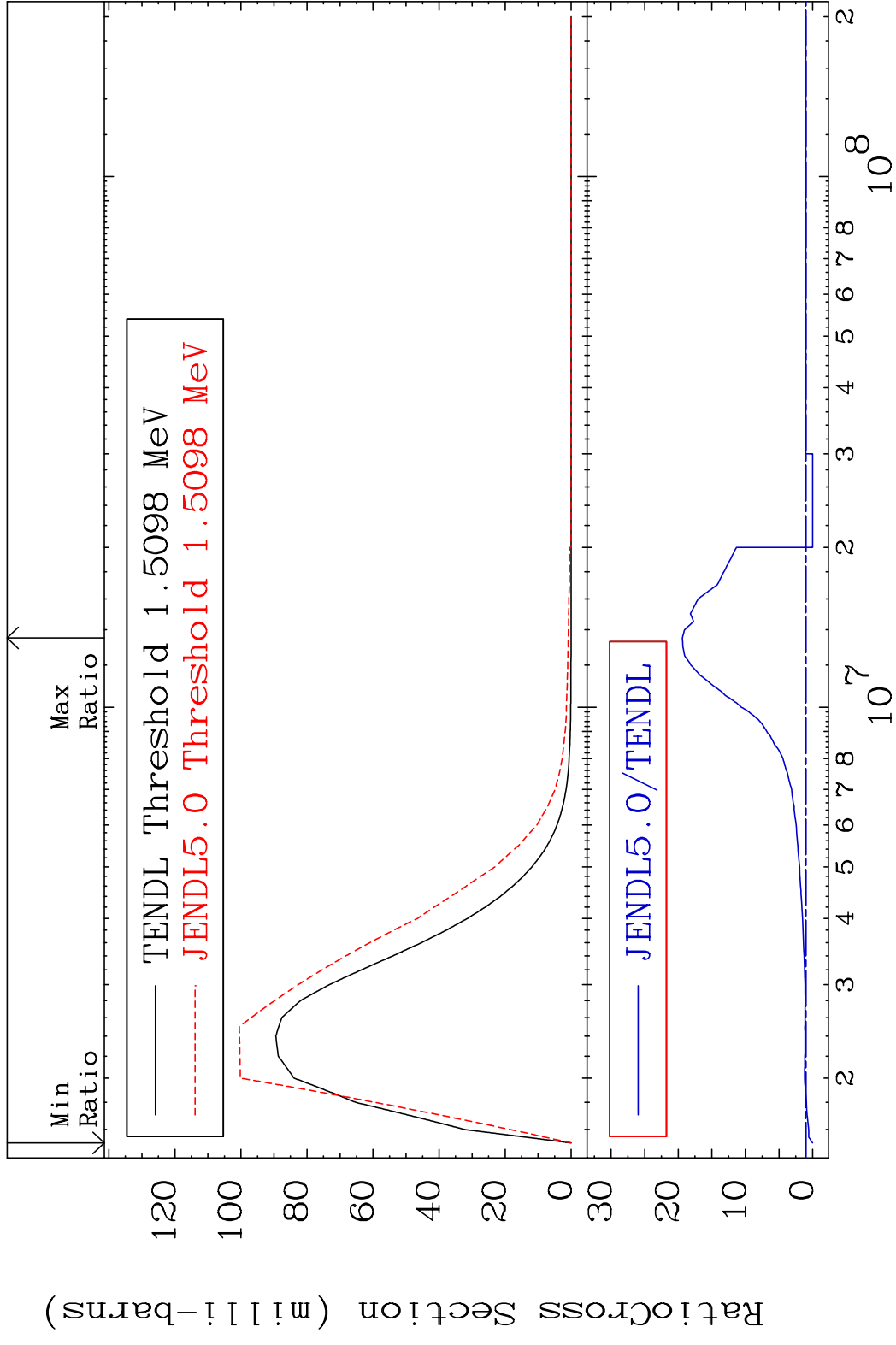
MAT 3125 MT= 56 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 0.000 %



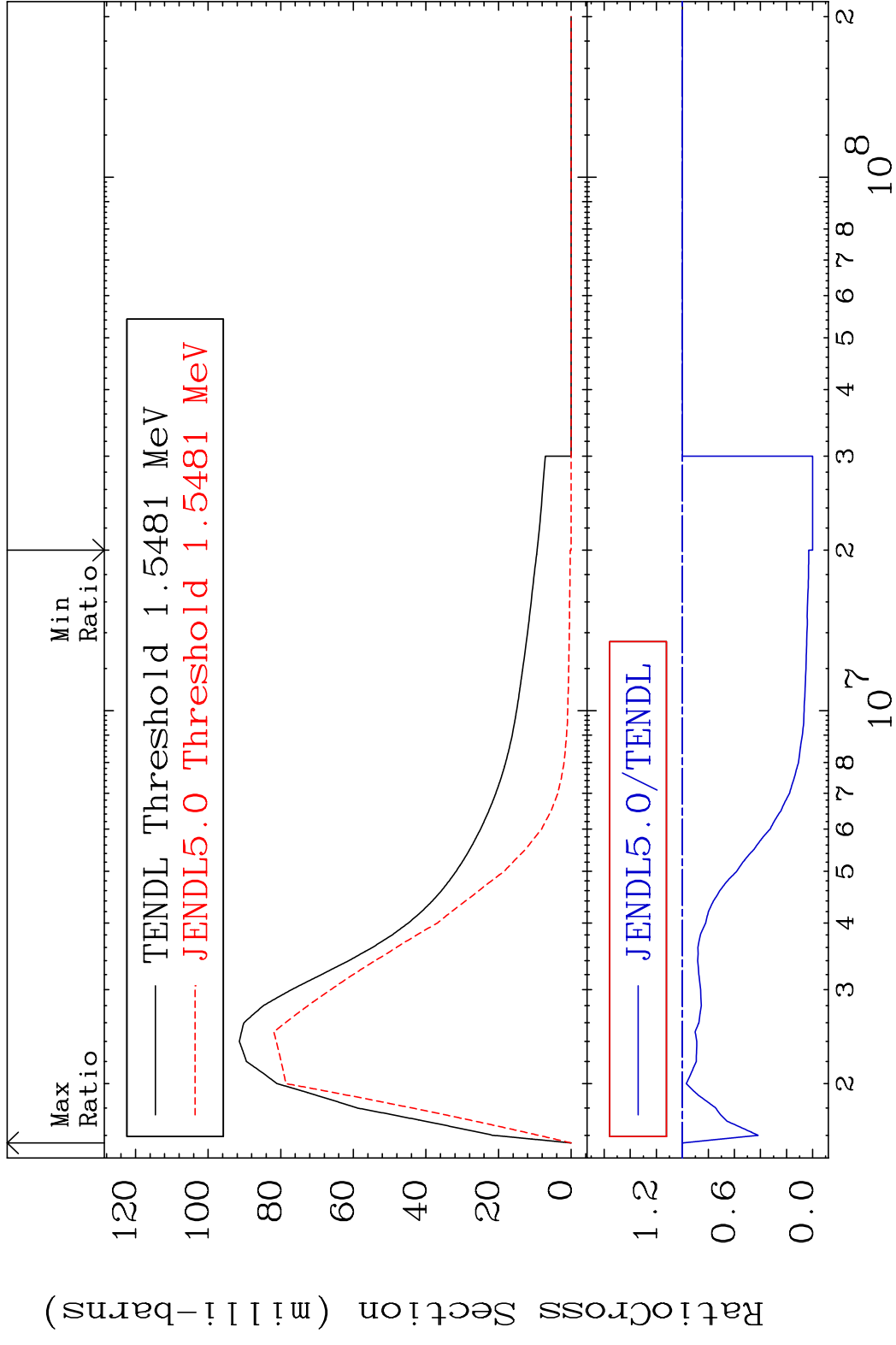
MAT 3125 MT= 57 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 8559. %



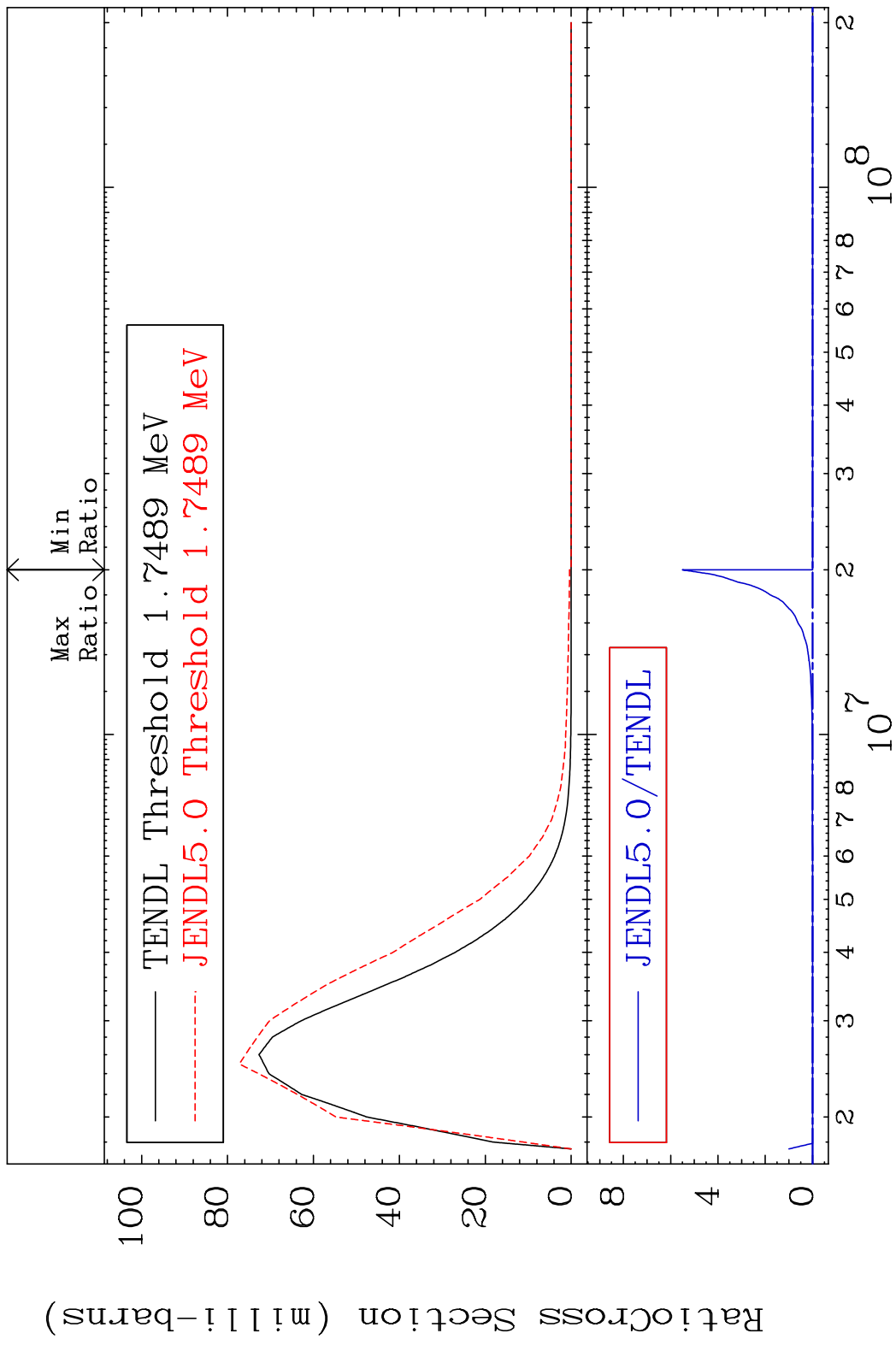
MAT 3125 MT= 58 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 1839. %



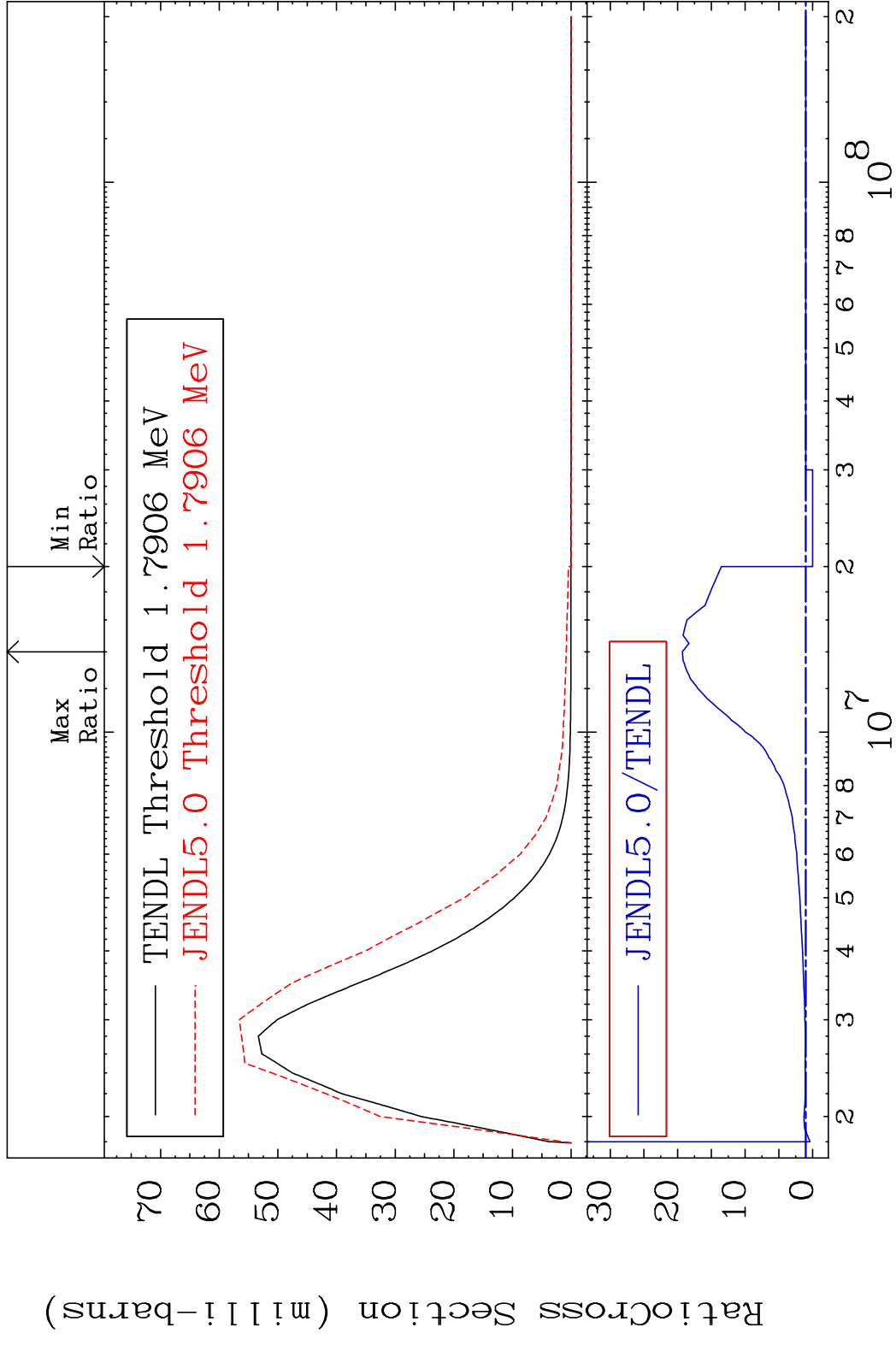
MAT 3125 MT= 59 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 0.000 %



MAT 3125 MT= 60 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 9999. %

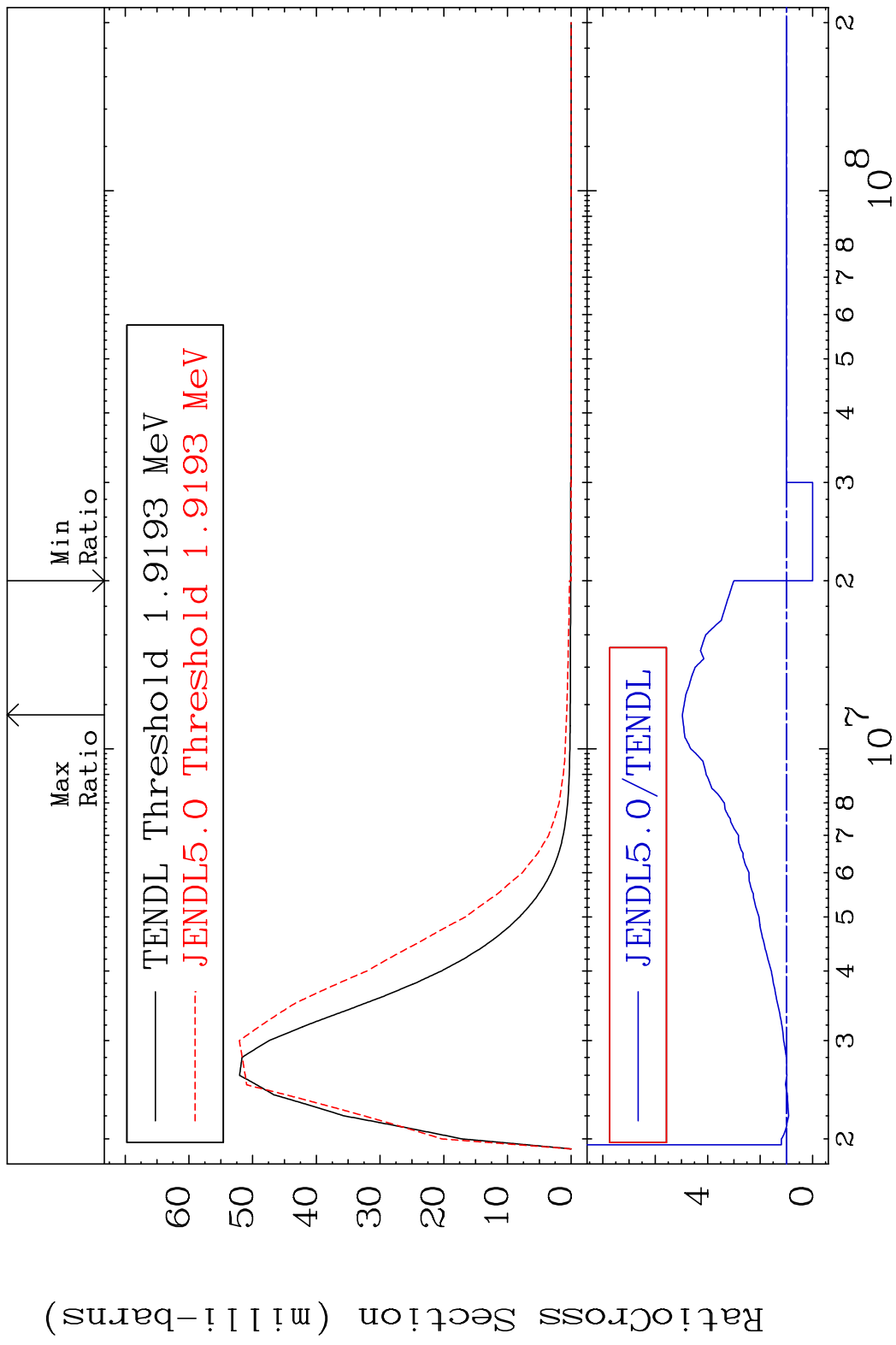


MAT 3125 MT= 61 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 1830. %

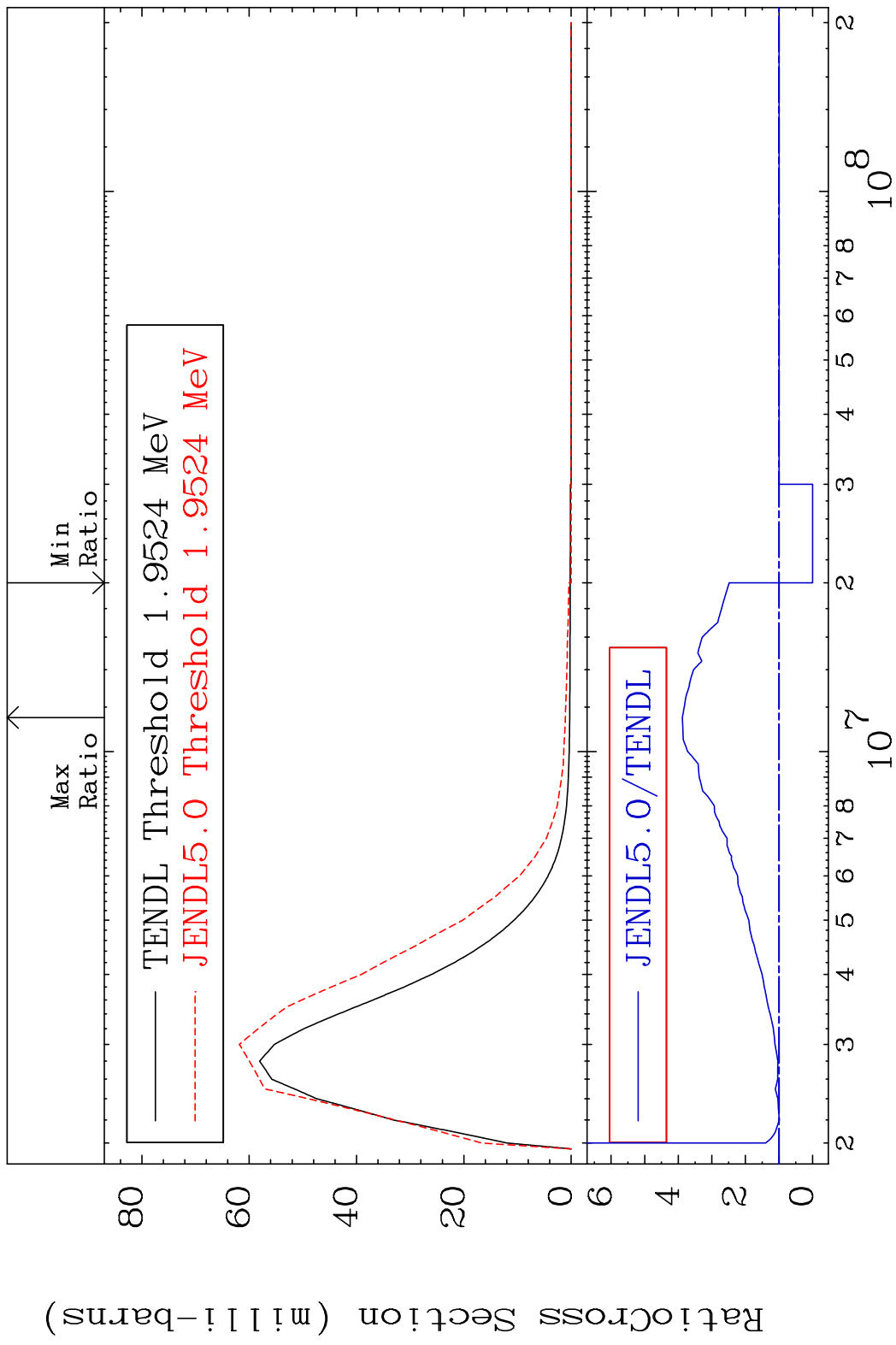


20 31-Ga-69

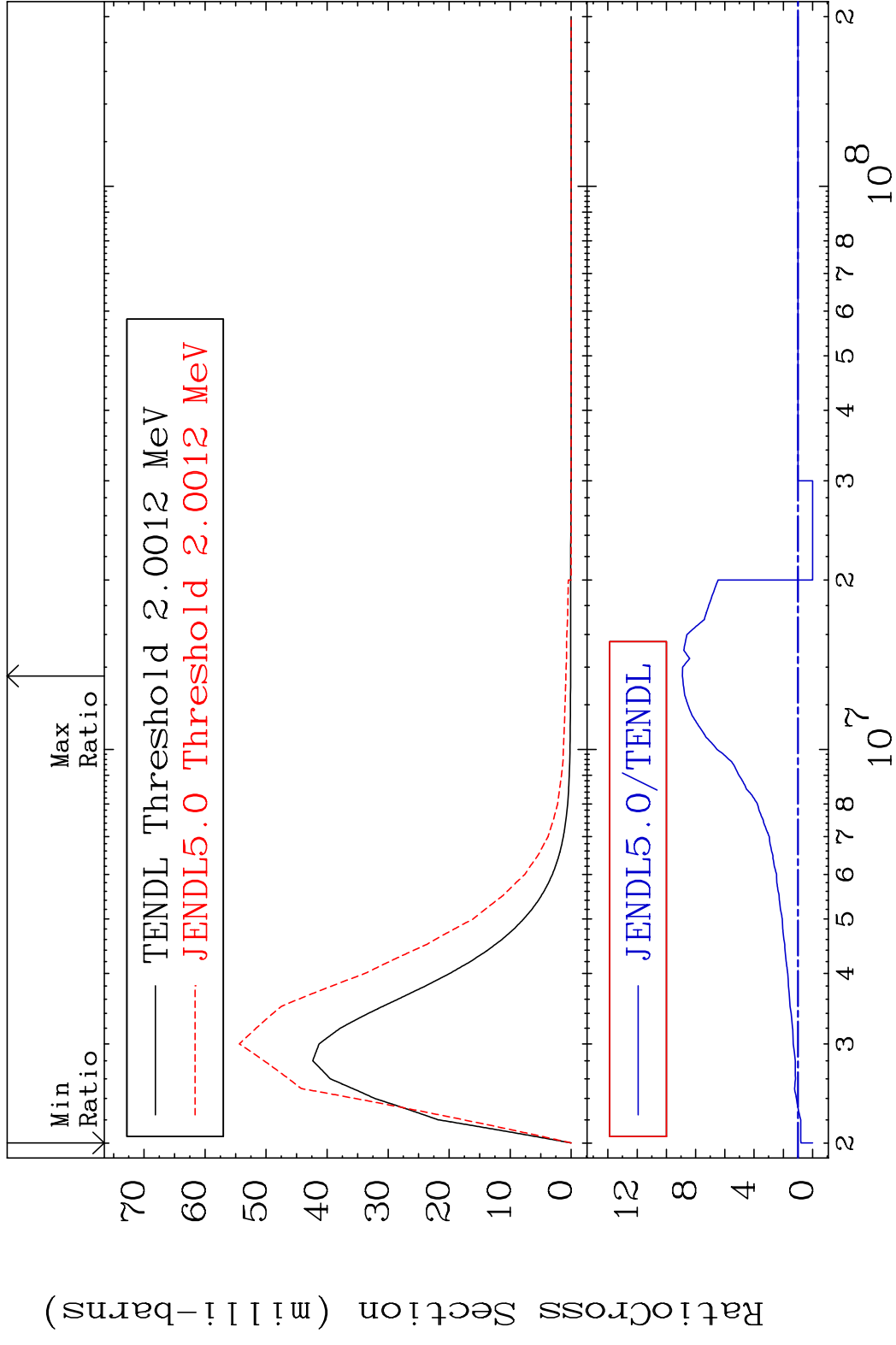
MAT 3125 MT= 62 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 396.6 %



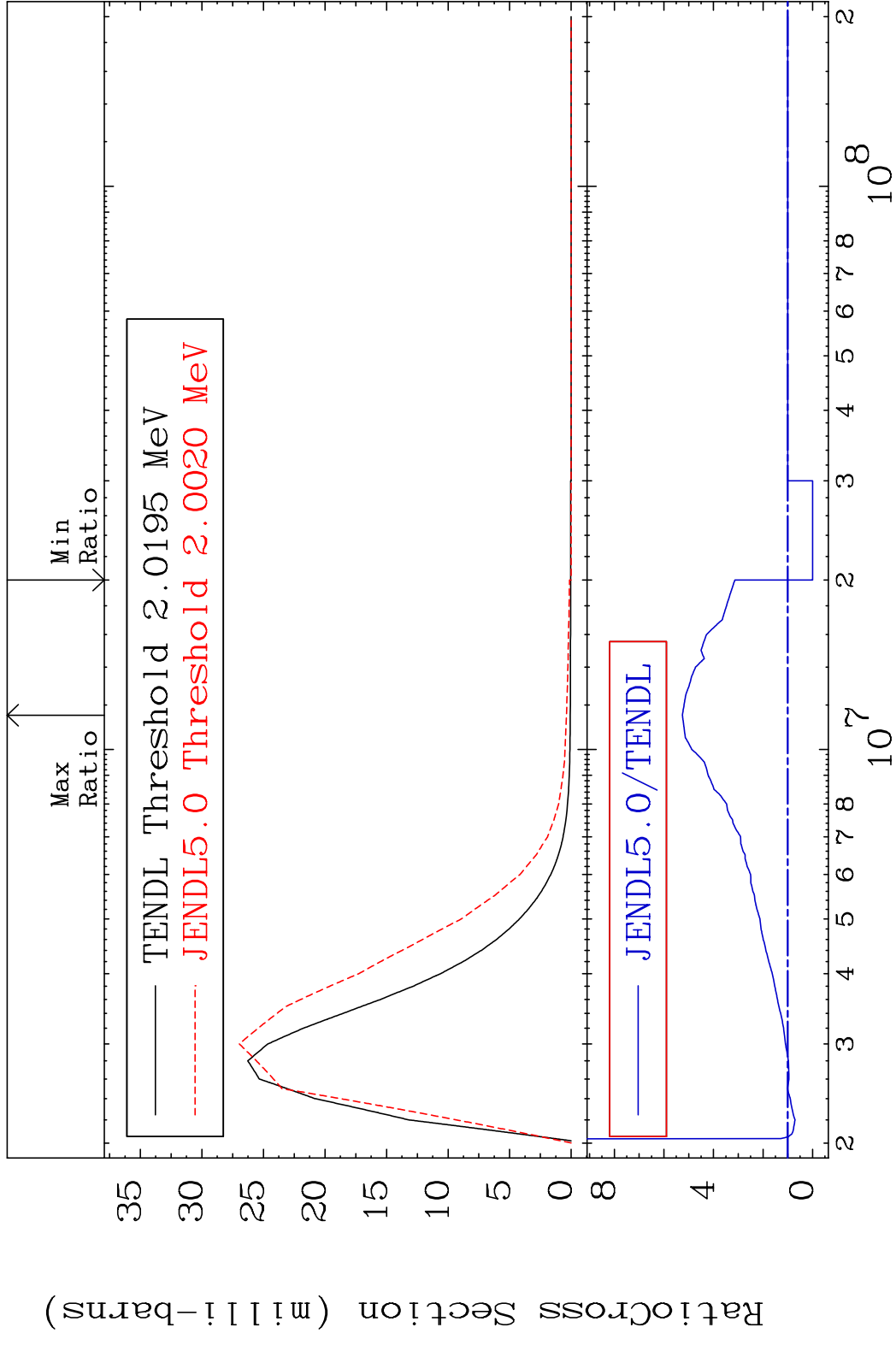
MAT 3125 MT= 63 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 287.8 %



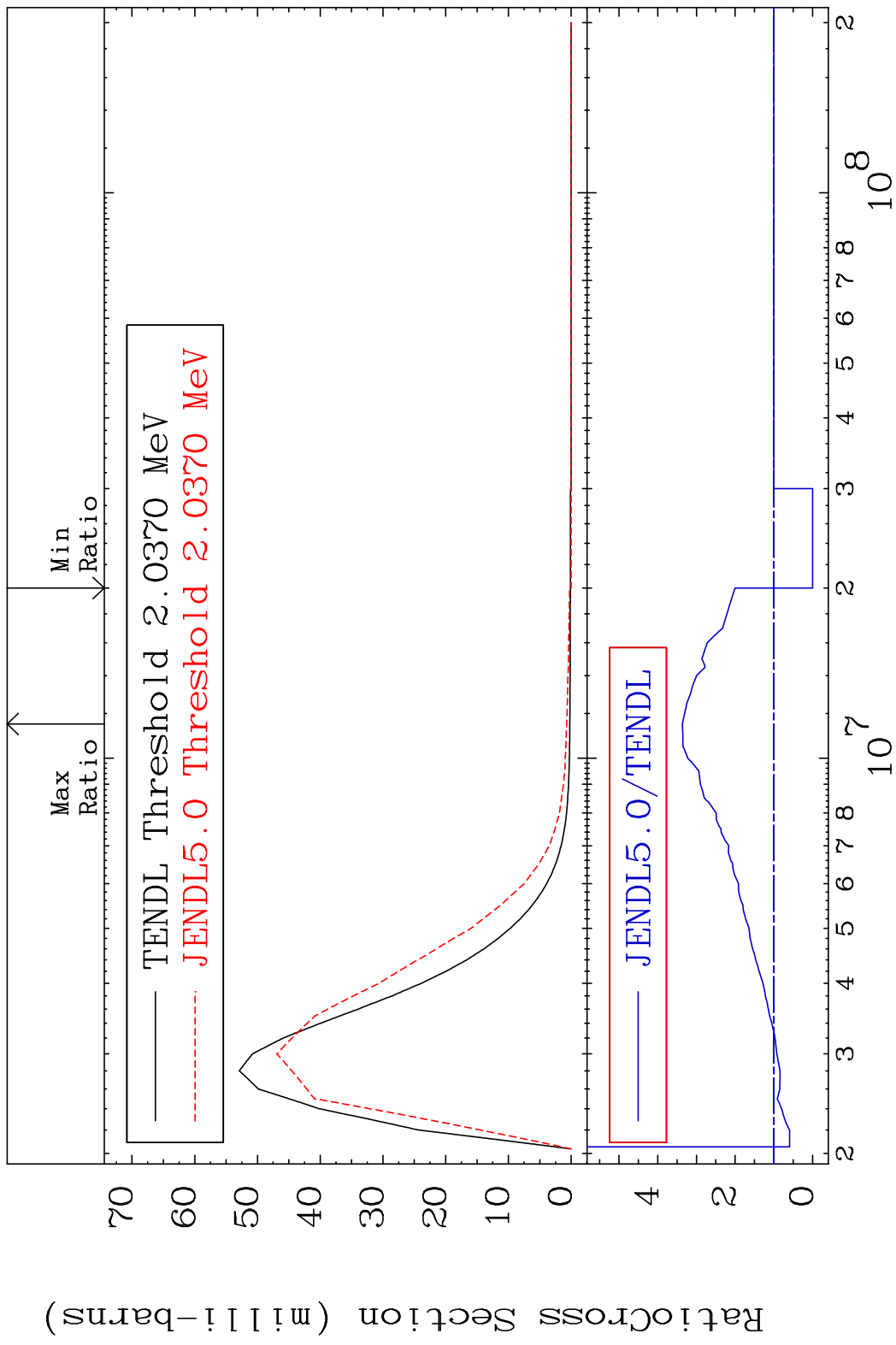
MAT 3125 MT= 64 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 790.6 %



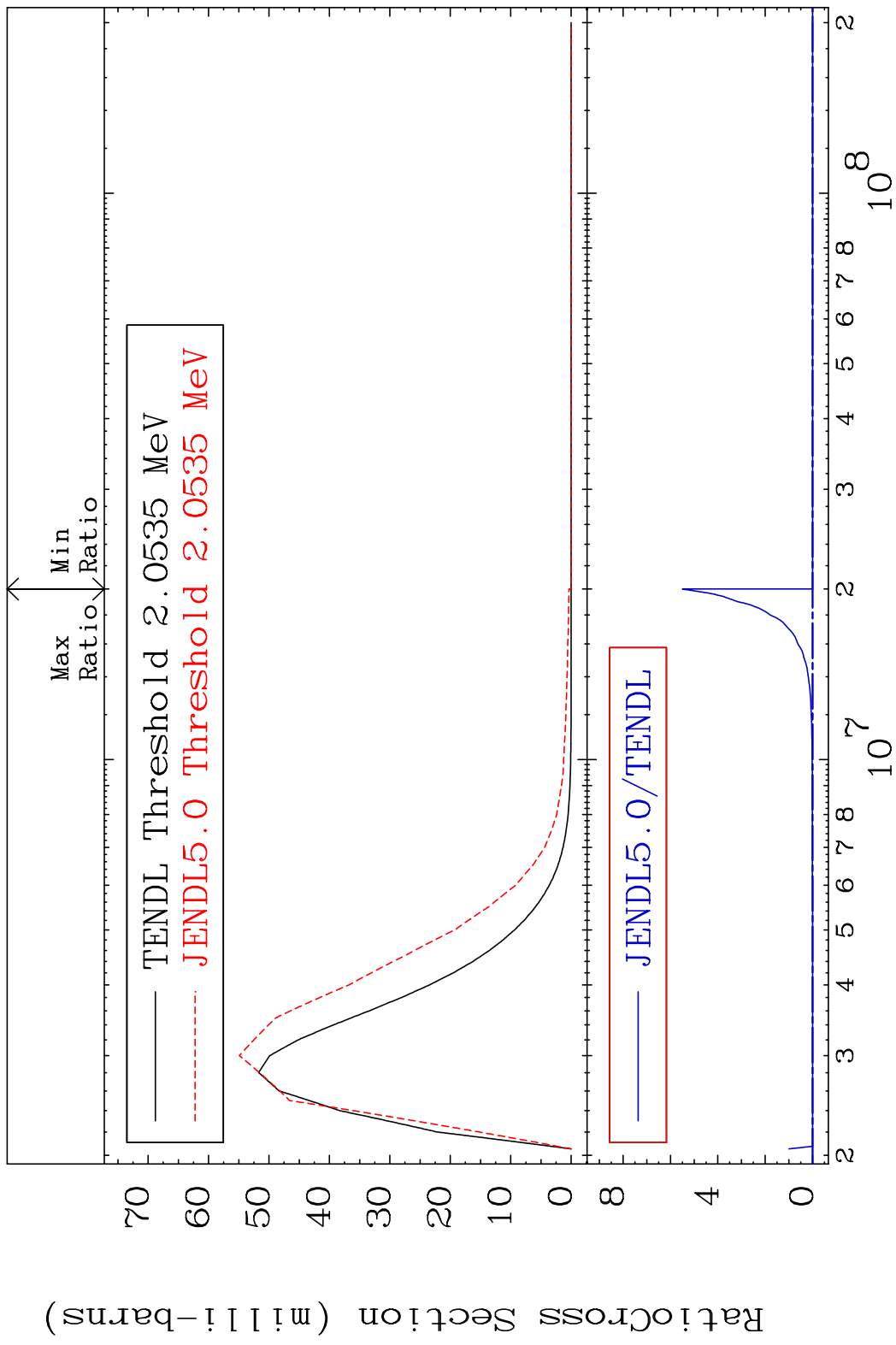
MAT 3125 MT= 65 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 425.6 %



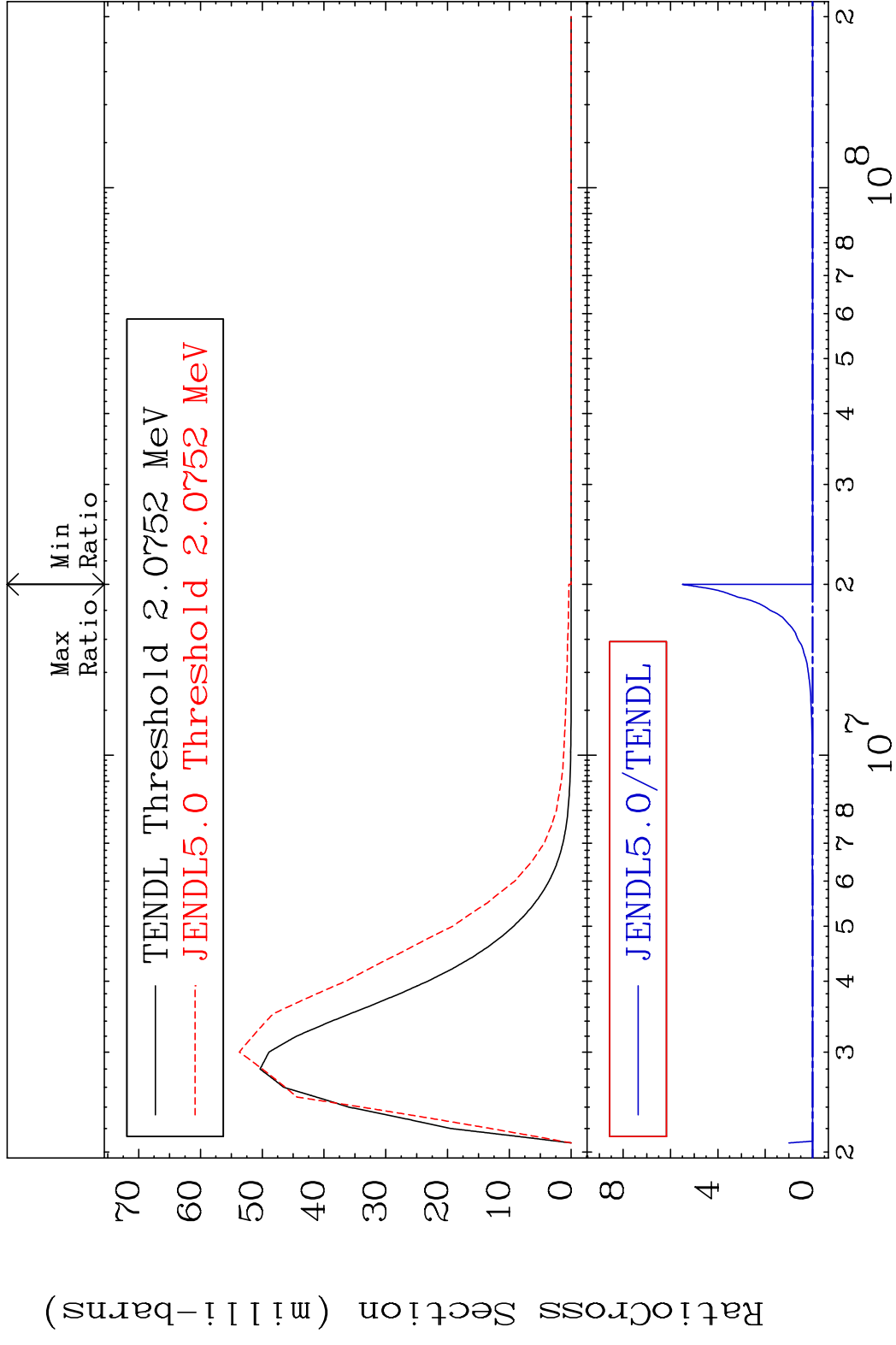
MAT 3125 MT= 66 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 236.4 %



MAT 3125 MT= 67 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 9999. %

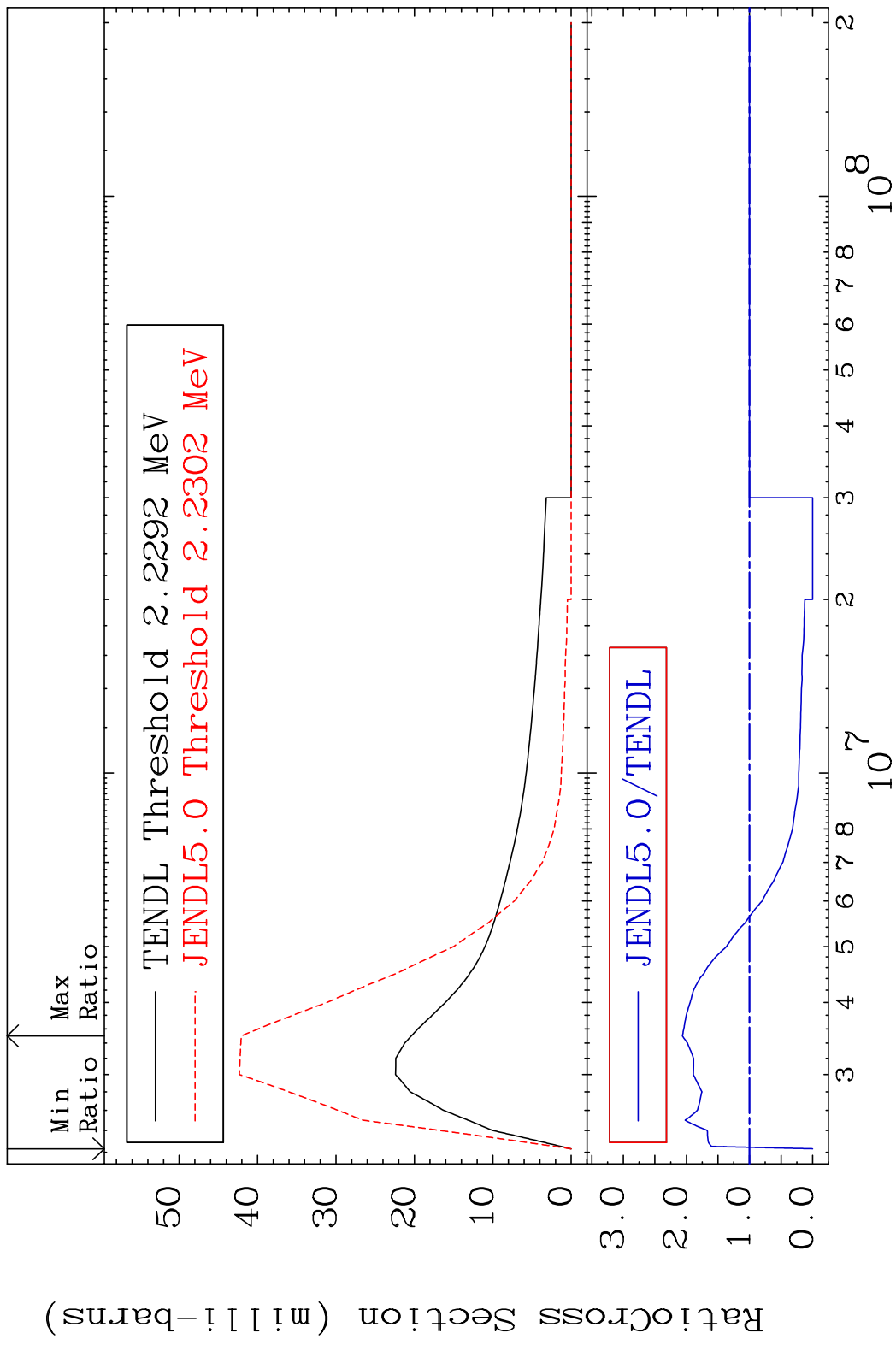


MAT 3125 MT= 68 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 9999. %

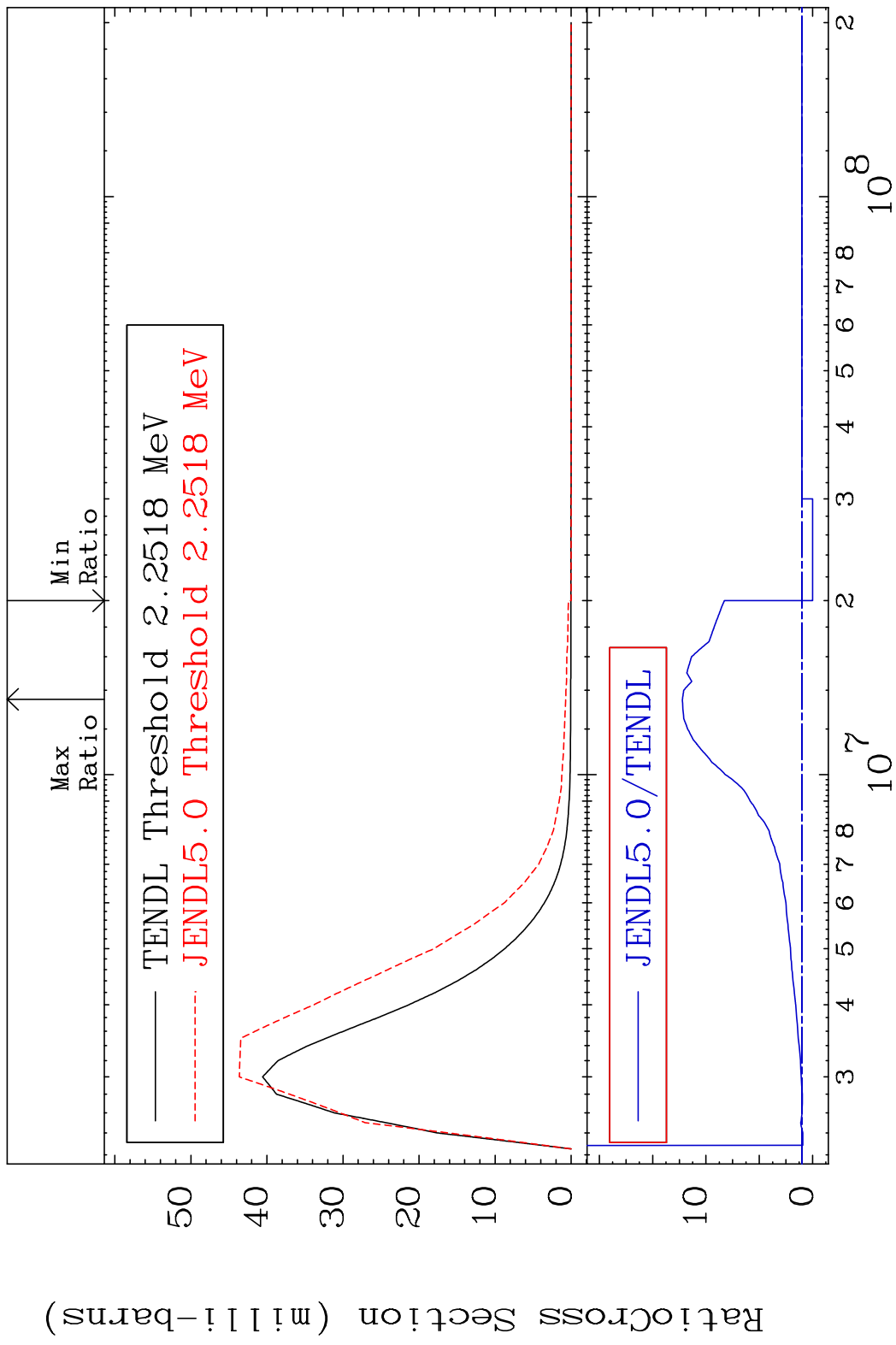


27 Incident Energy (eV) 31-Ga-69

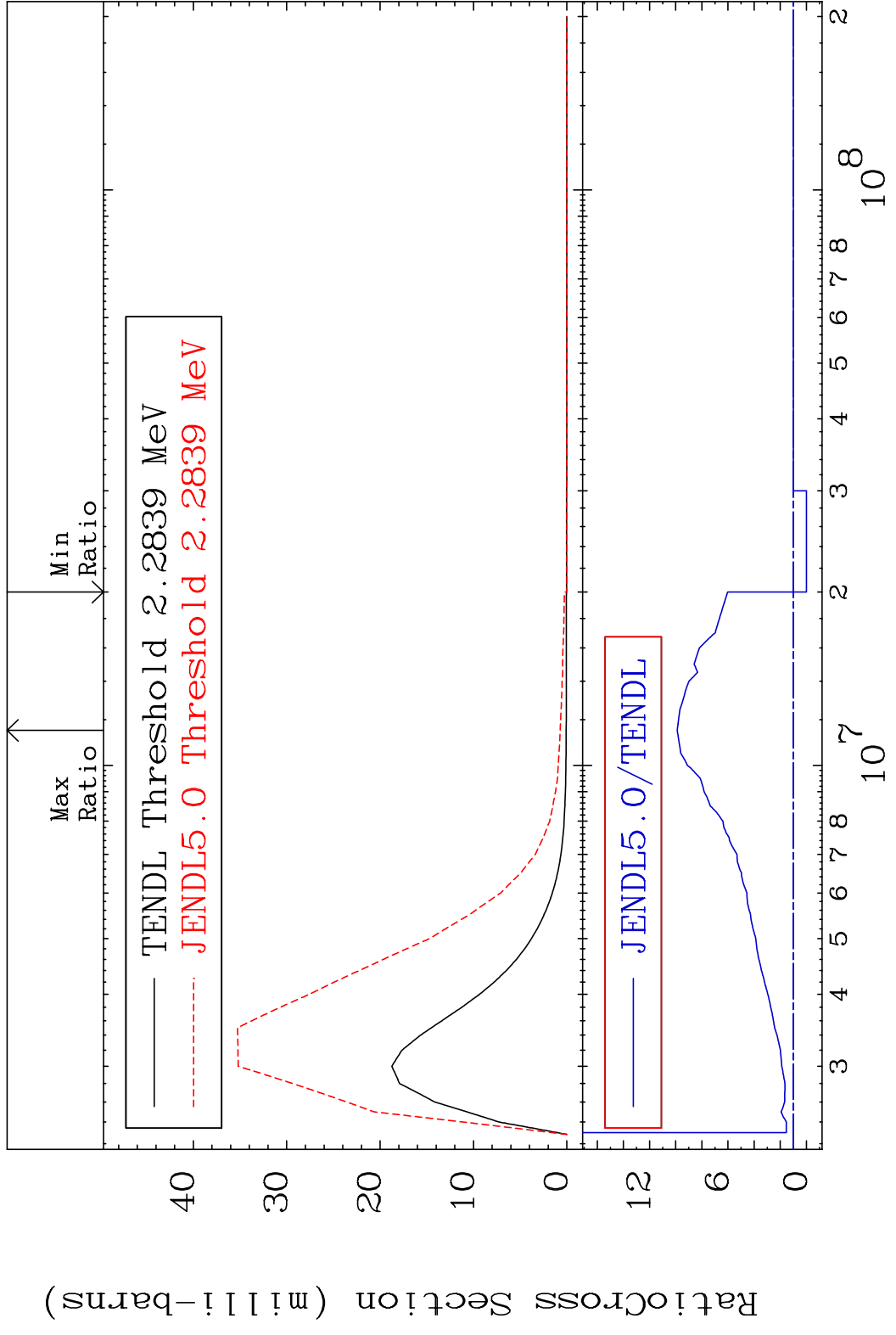
MAT 3125 MT= 69 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 106.5 %



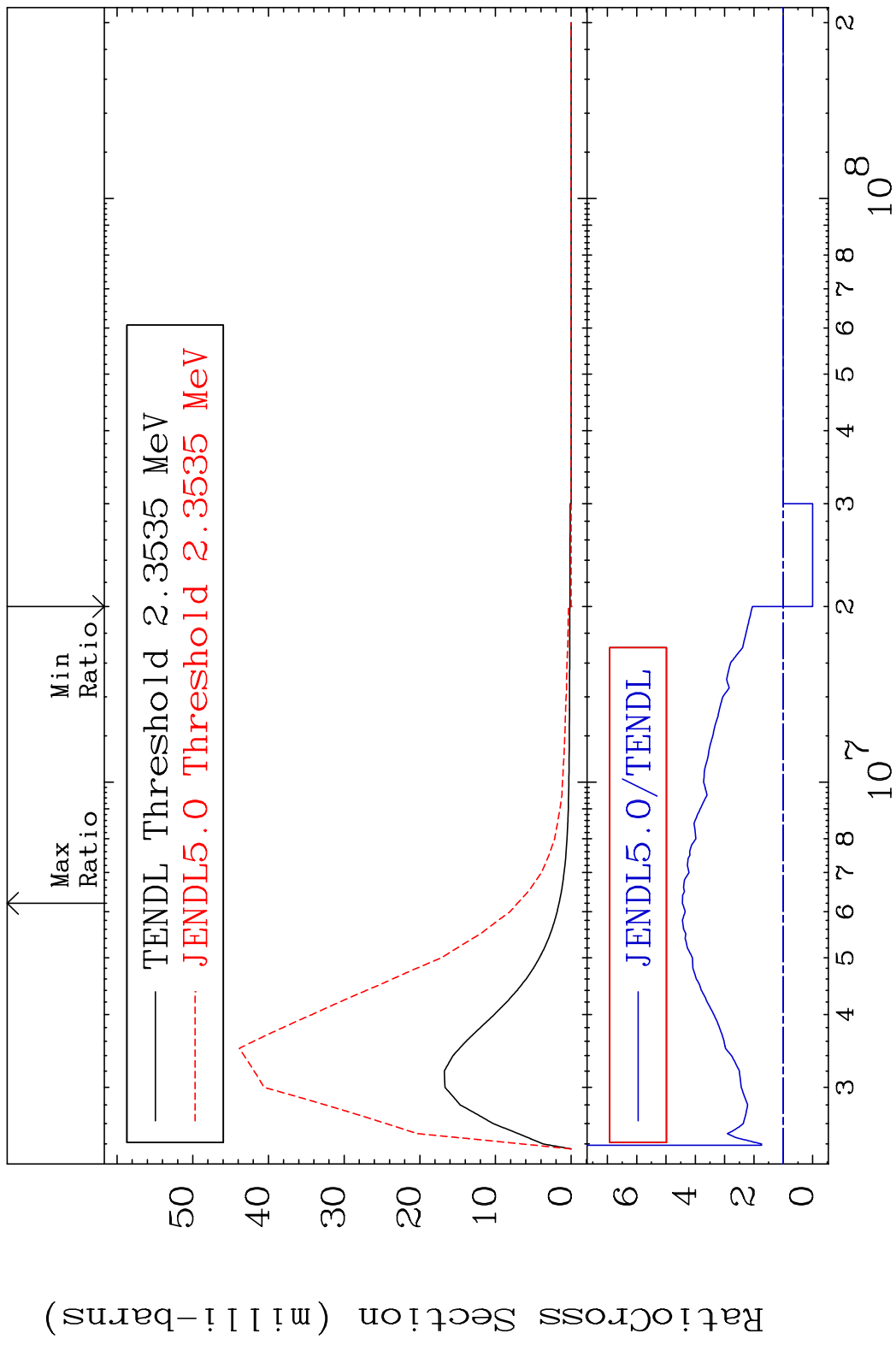
MAT 3125 MT= 70 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 1122. %



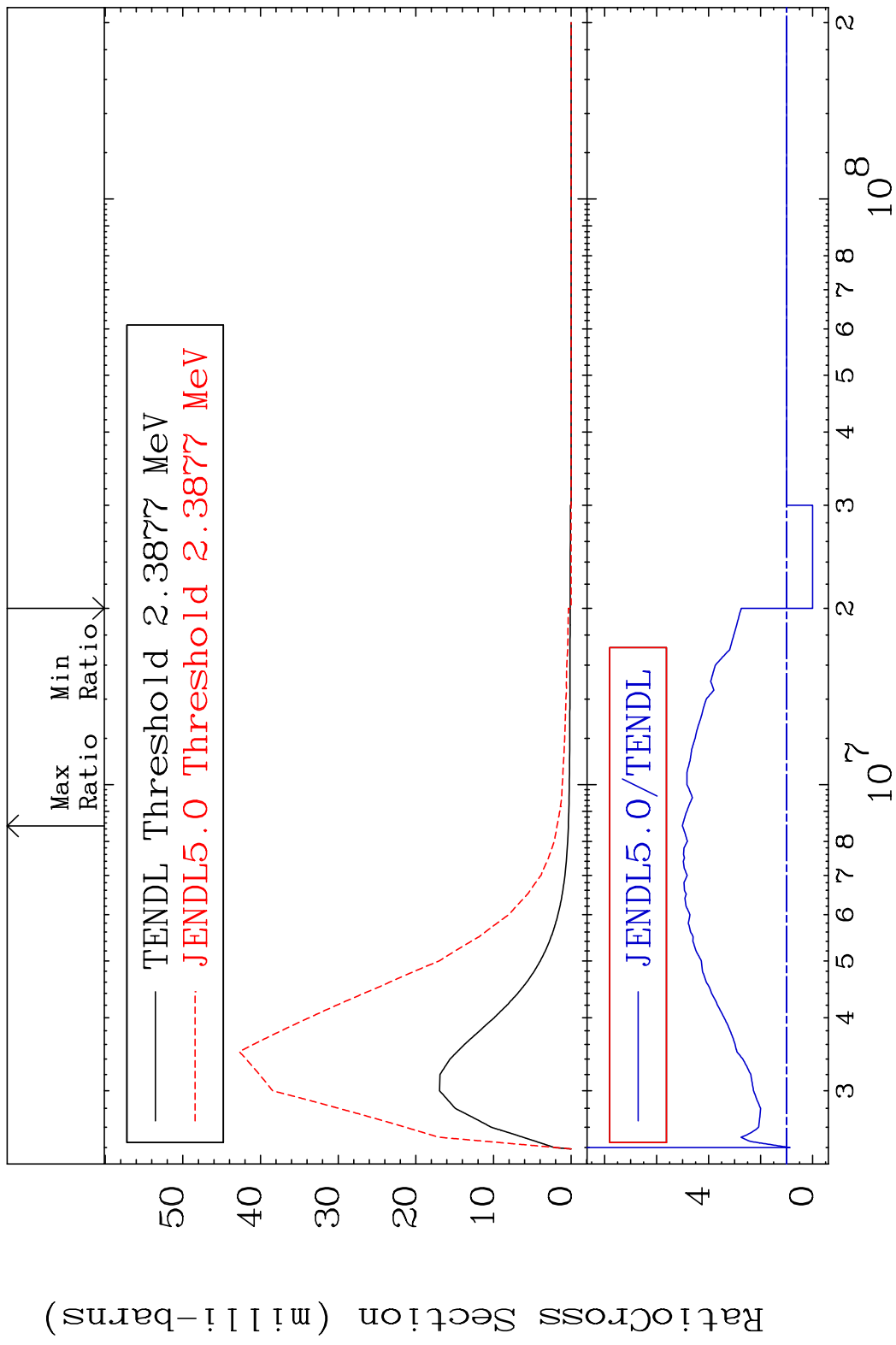
MAT 3125 MT= 71 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 888.9 %



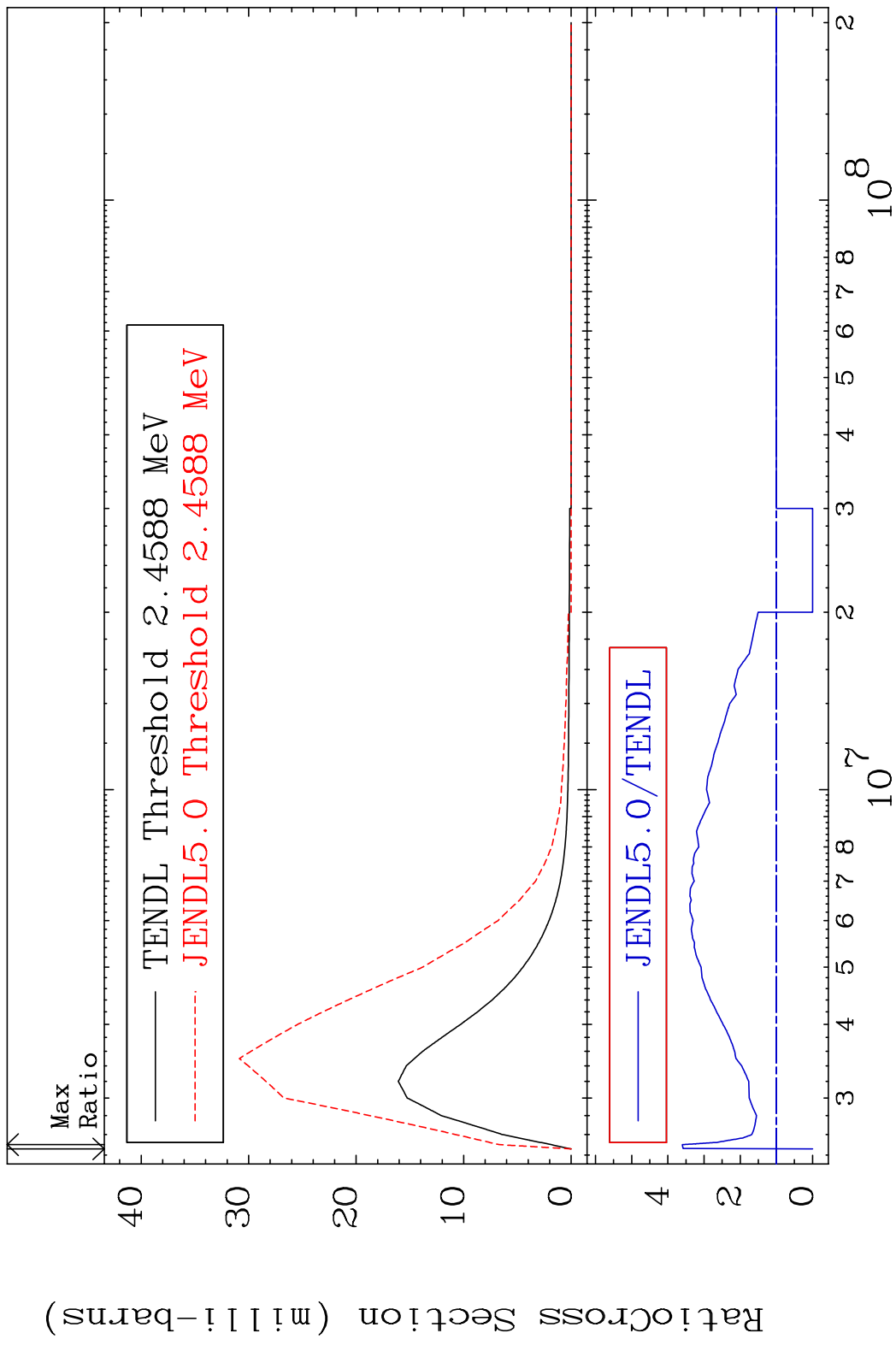
MAT 3125 MT= 72 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 344.4 %



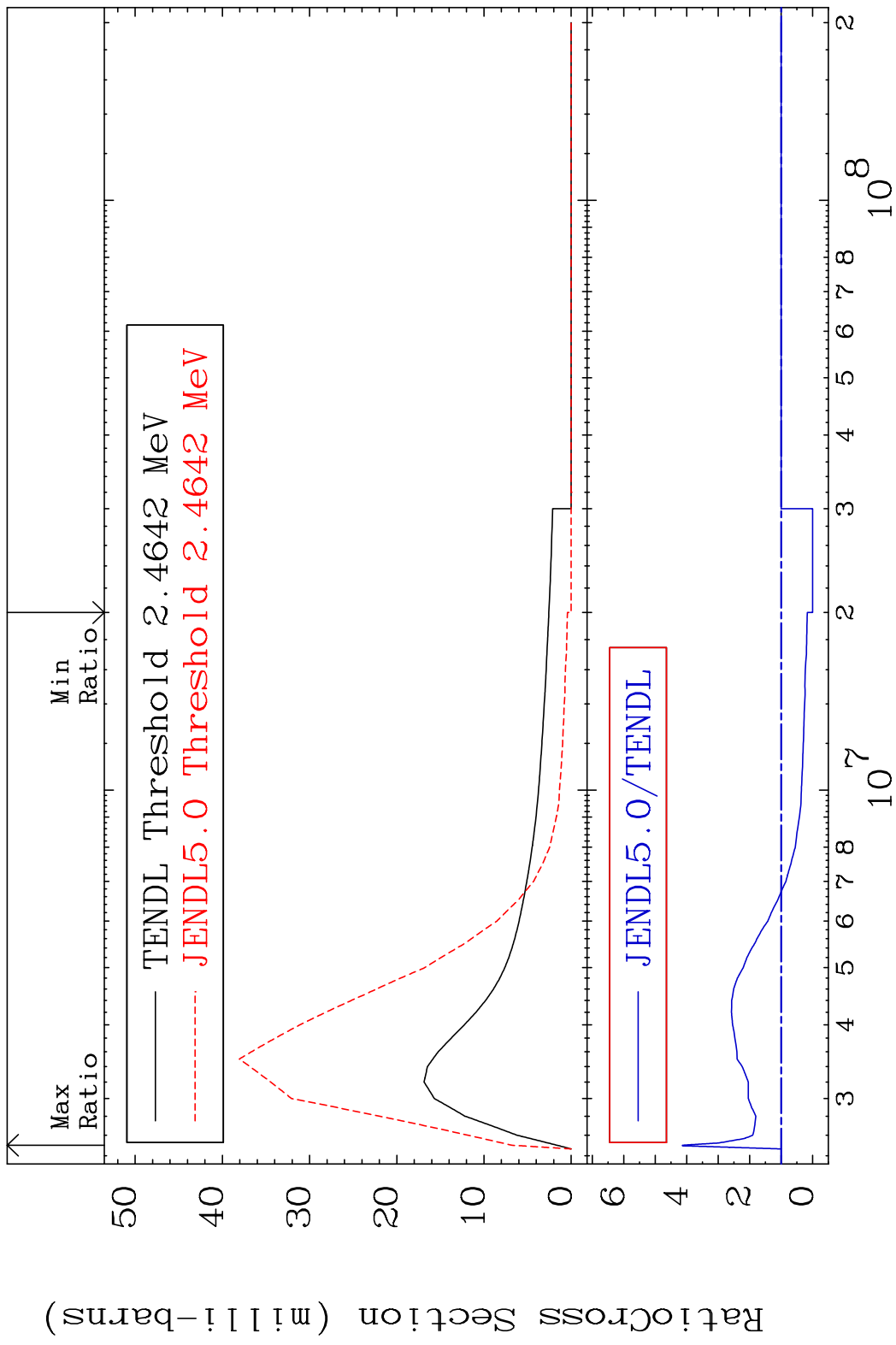
MAT 3125 MT= 73 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 400.7 %



MAT 3125 MT= 74 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 260.0 %

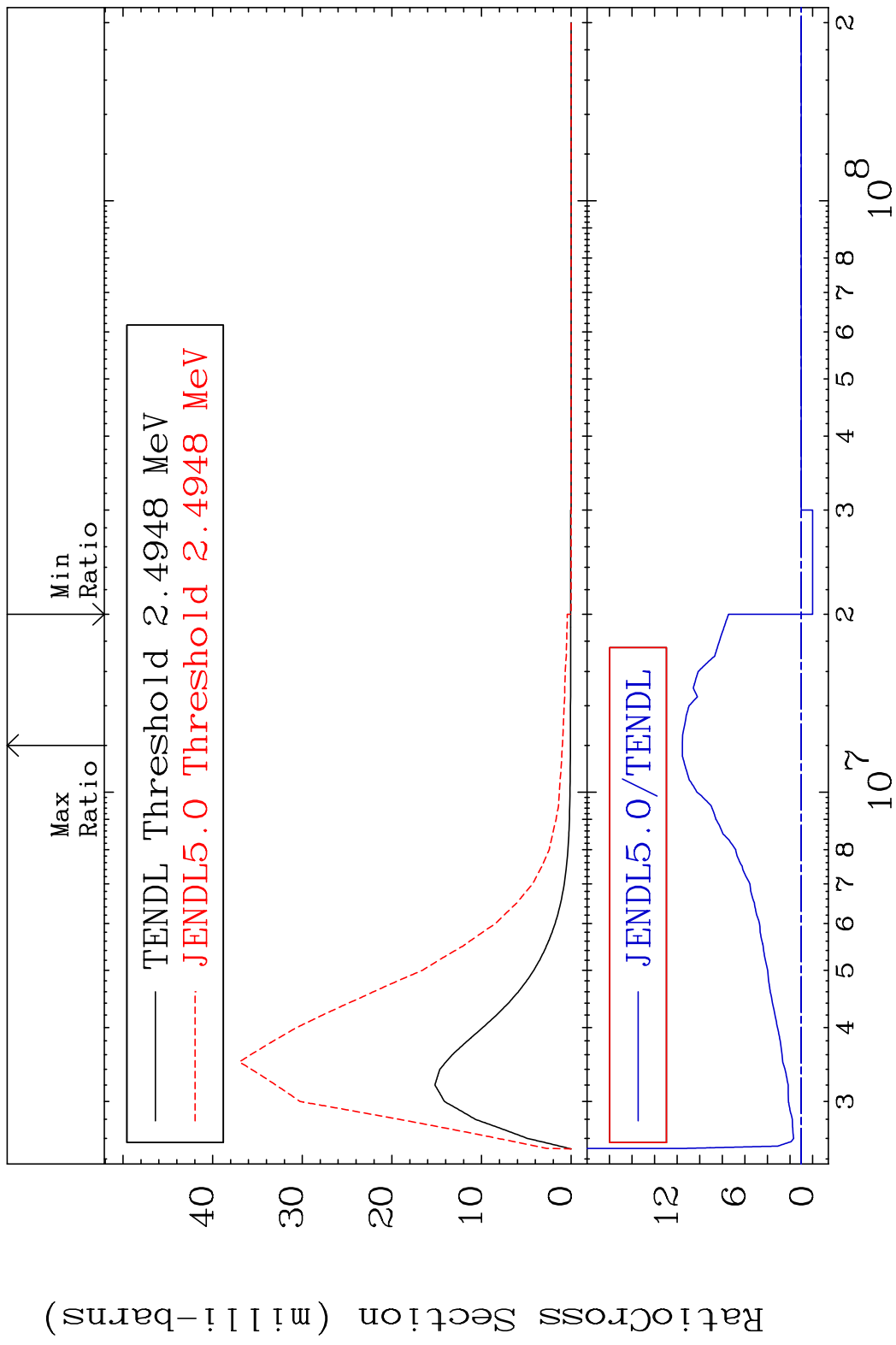


MAT 3125 MT= 75 (n,n') Level 31-Ga-69
 Cross Section -100.0 To 313.9 %

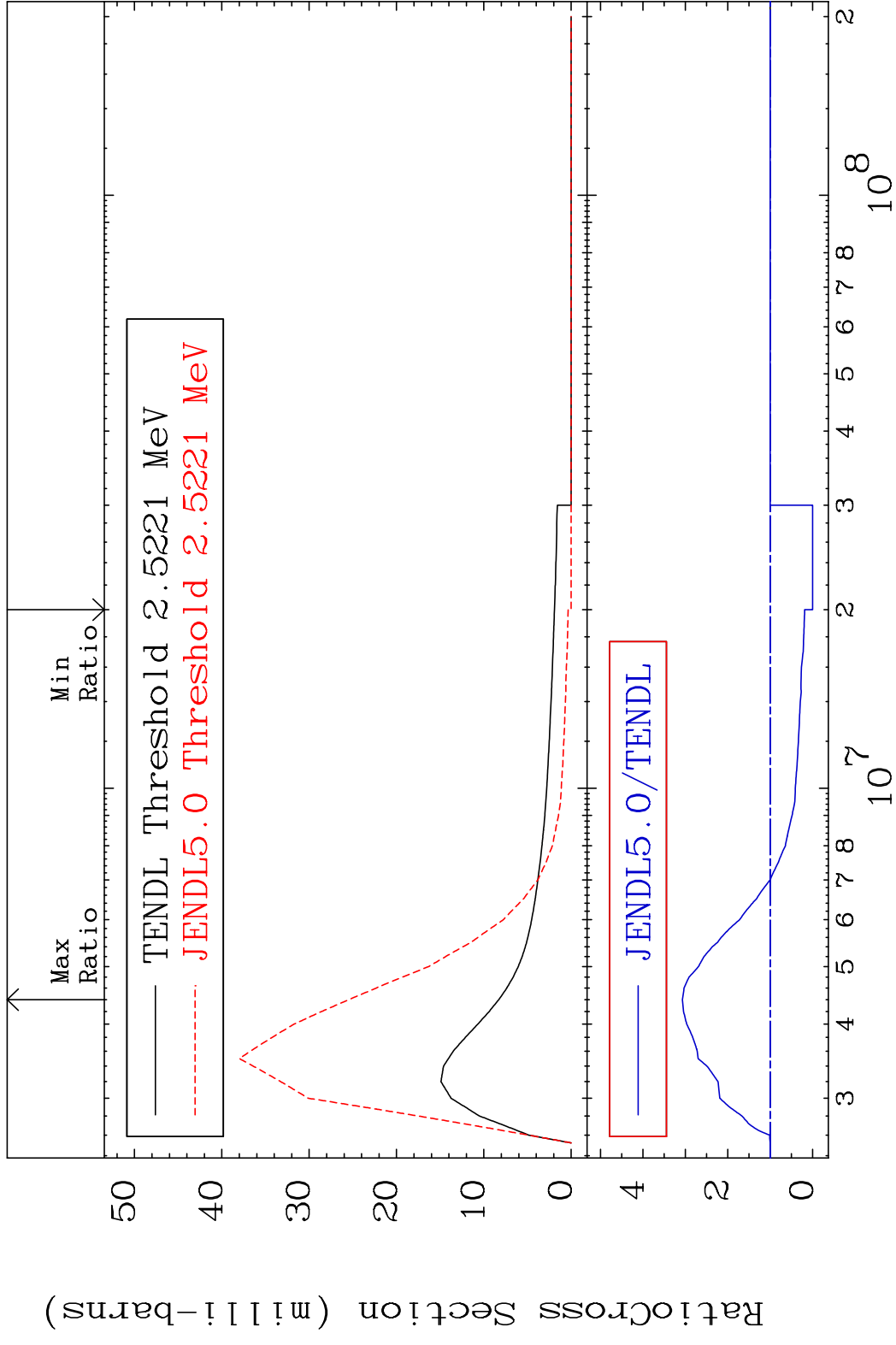


34 31-Ga-69

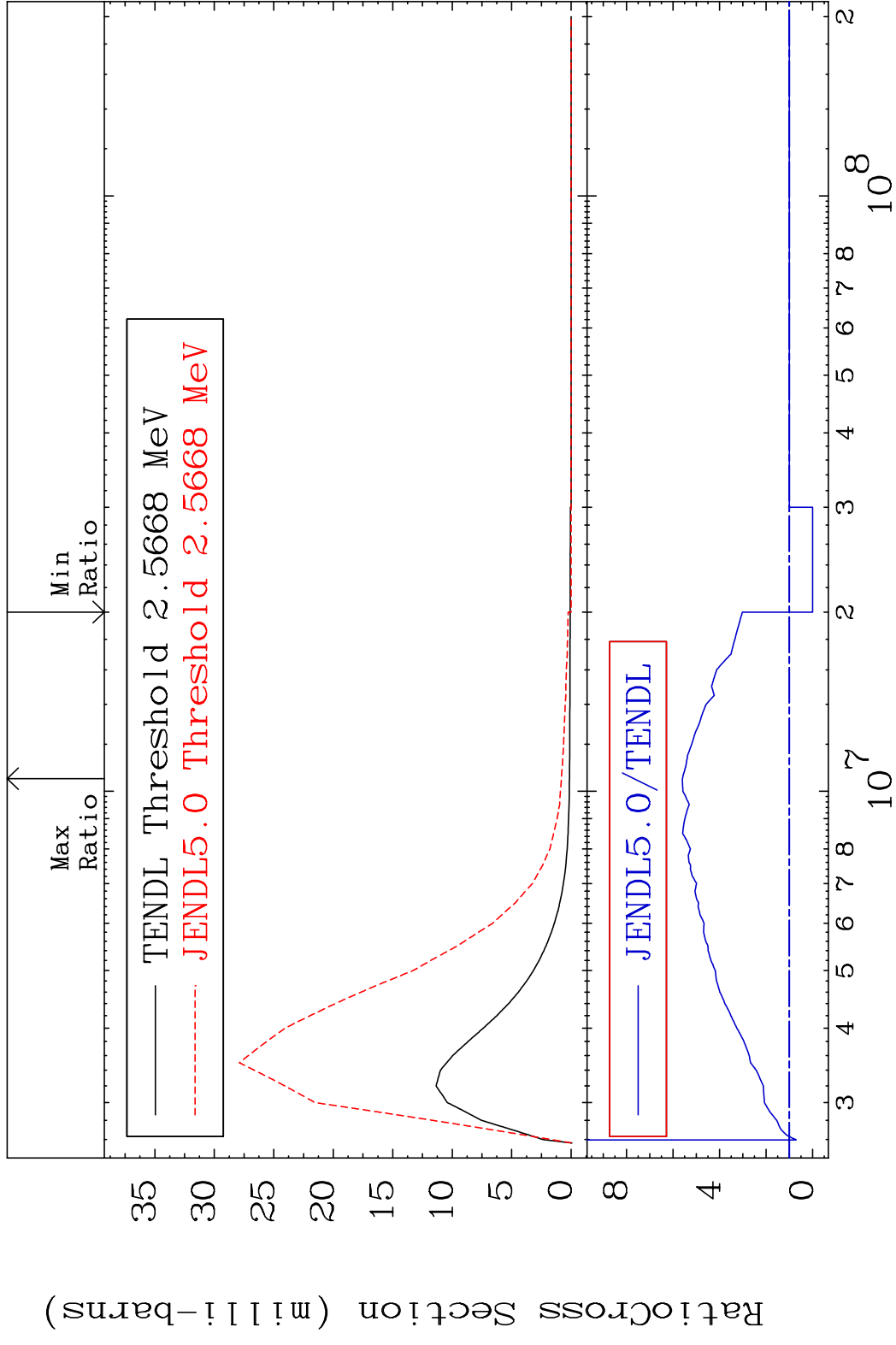
MAT 3125 MT= 76 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 1053. %



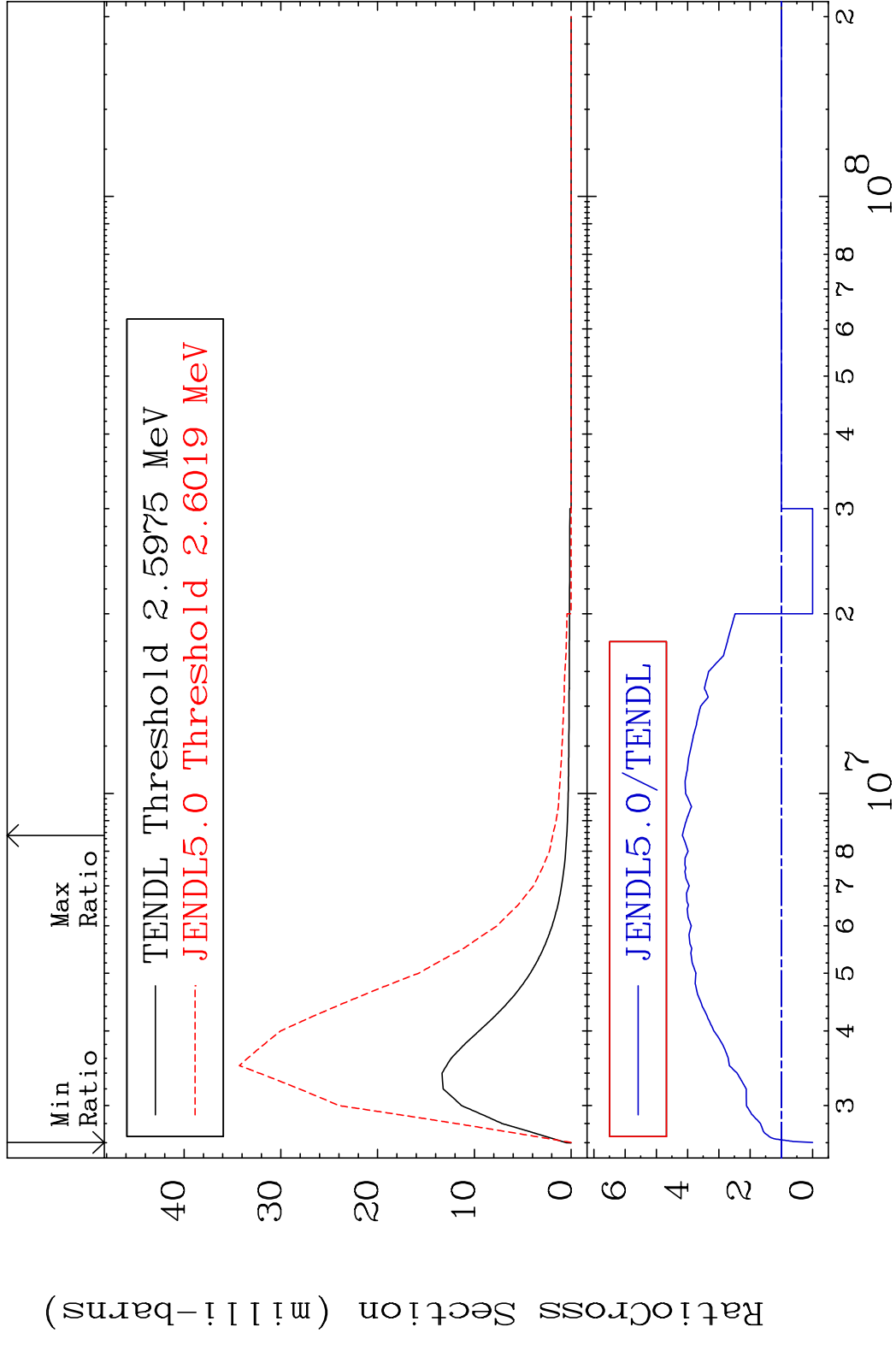
MAT 3125 MT= 77 (n,n') Level 31-Ga-69
 Cross Section -100.0 To 207.1 %



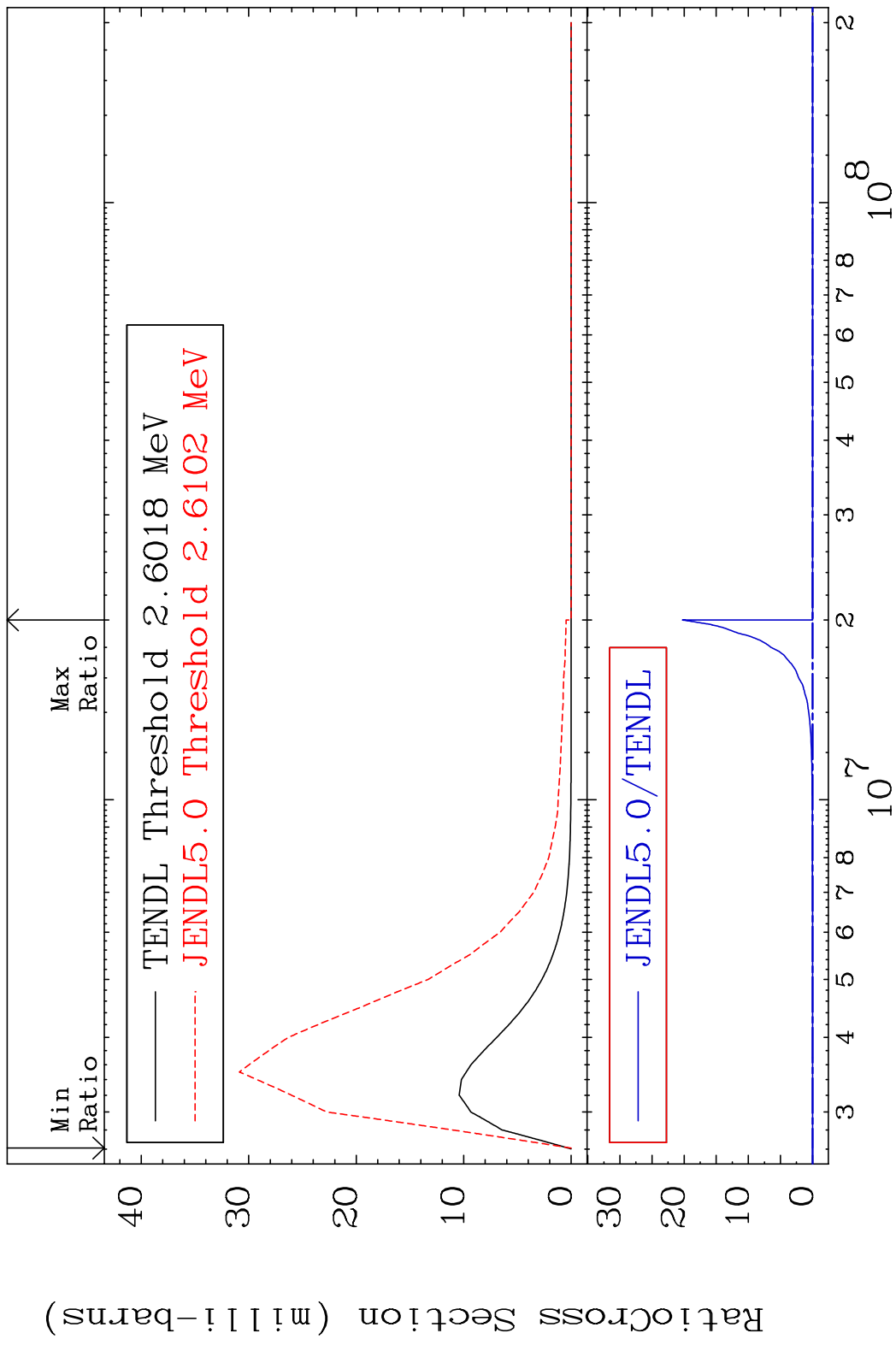
MAT 3125 MT= 78 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 459.9 %



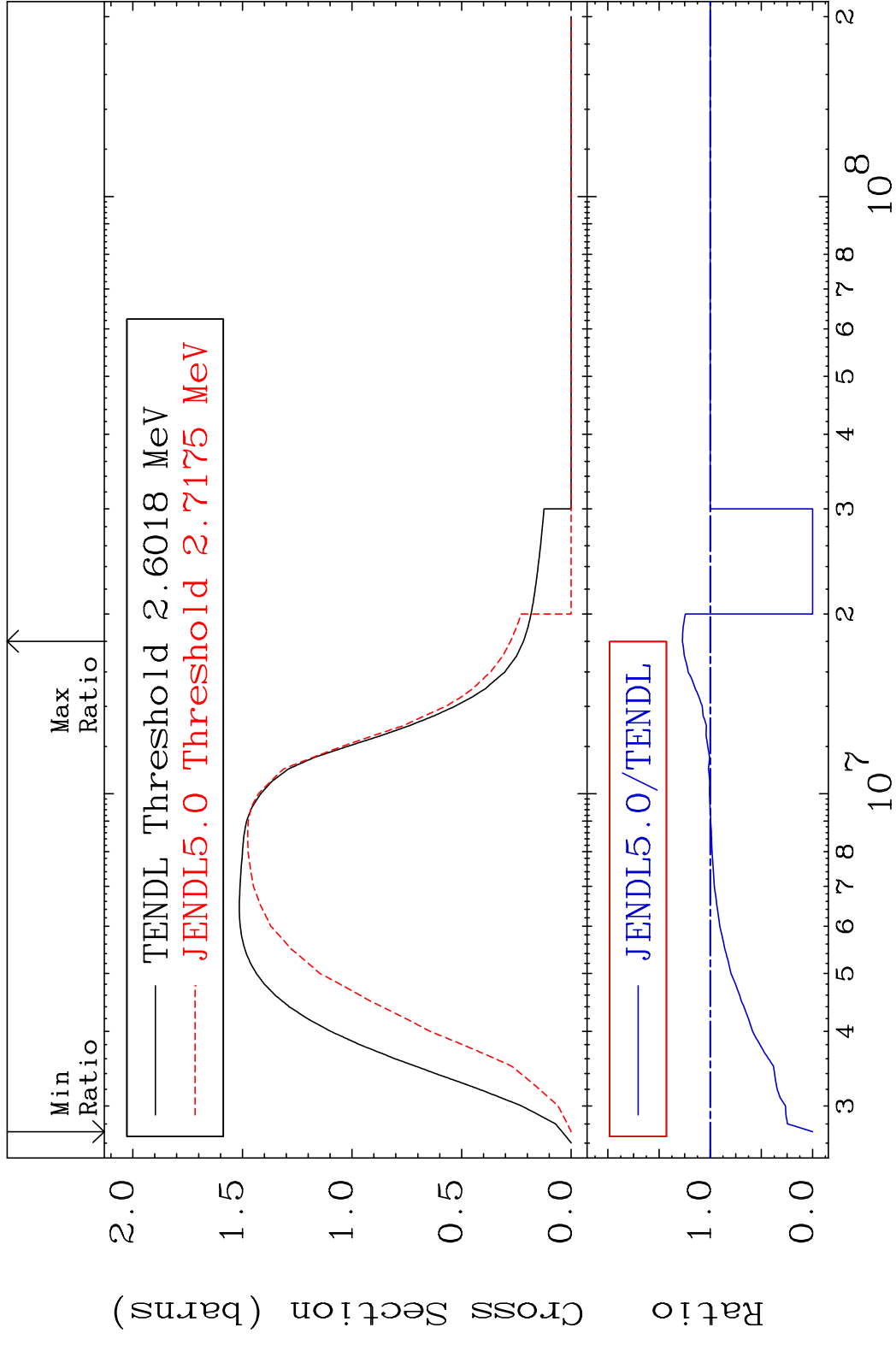
MAT 3125 MT= 79 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 316.6 %



MAT 3125 MT= 80 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 9999. %



MAT 3125 (n,n') Continuum 31-Ga-69
 Cross Section -100.0 To 27.25 %



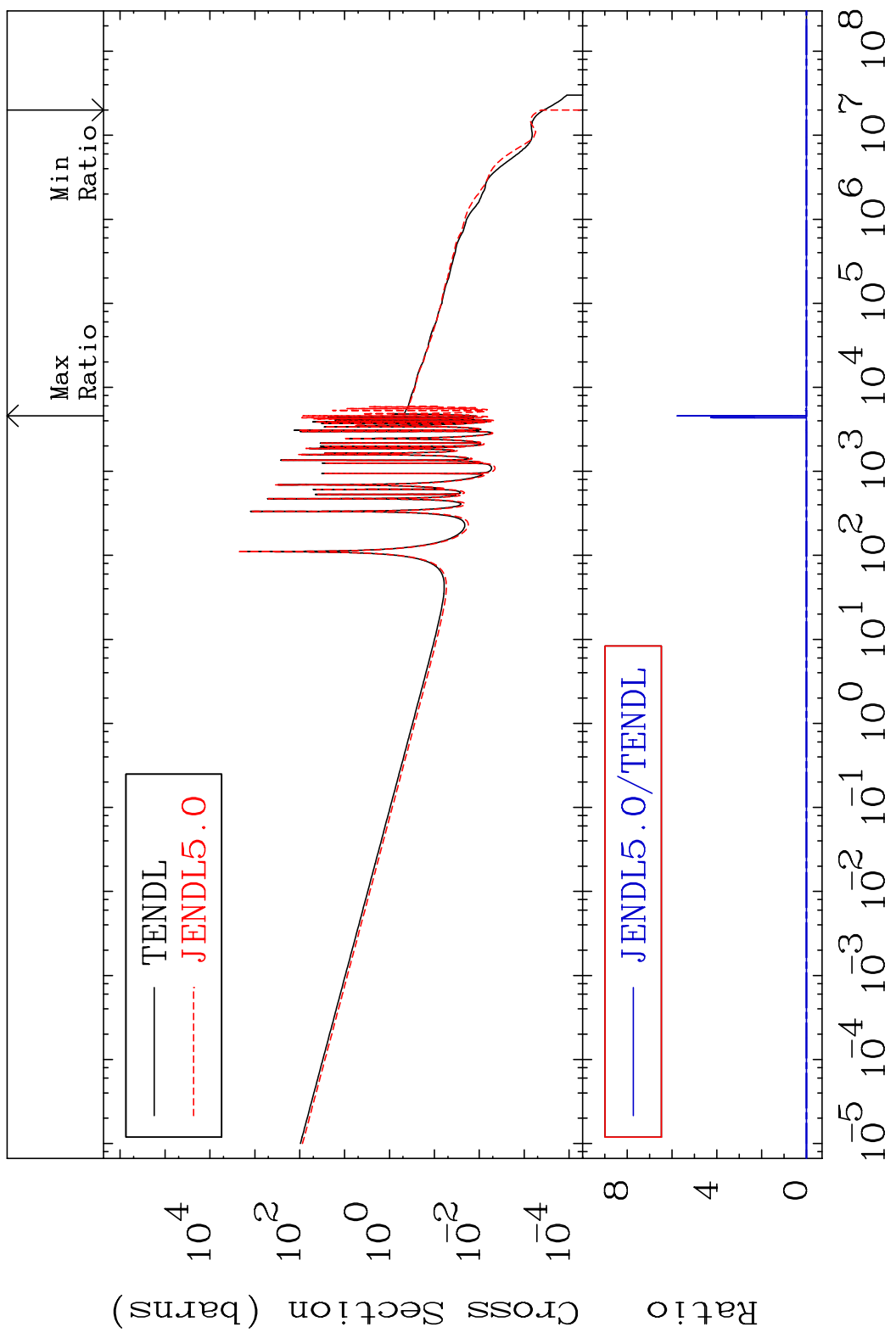
40 Incident Energy (eV) 31-Ga-69

MAT 3125

(n, γ)

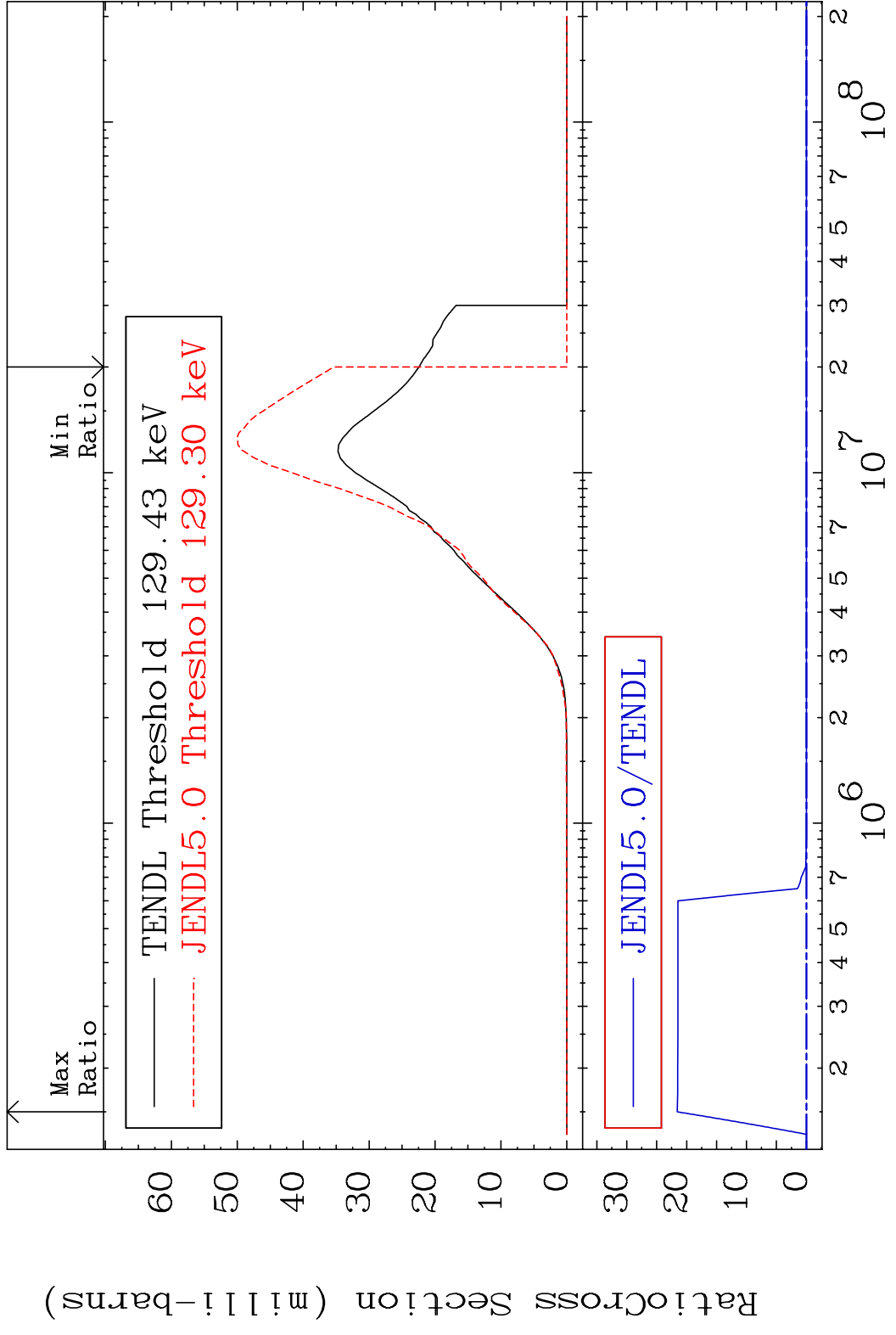
31-Ga-69

Cross Section -100.0 To 9999. %



41

MAT 3125 (n,p) 31-Ga-69
 Cross Section -100.0 To 9999. %

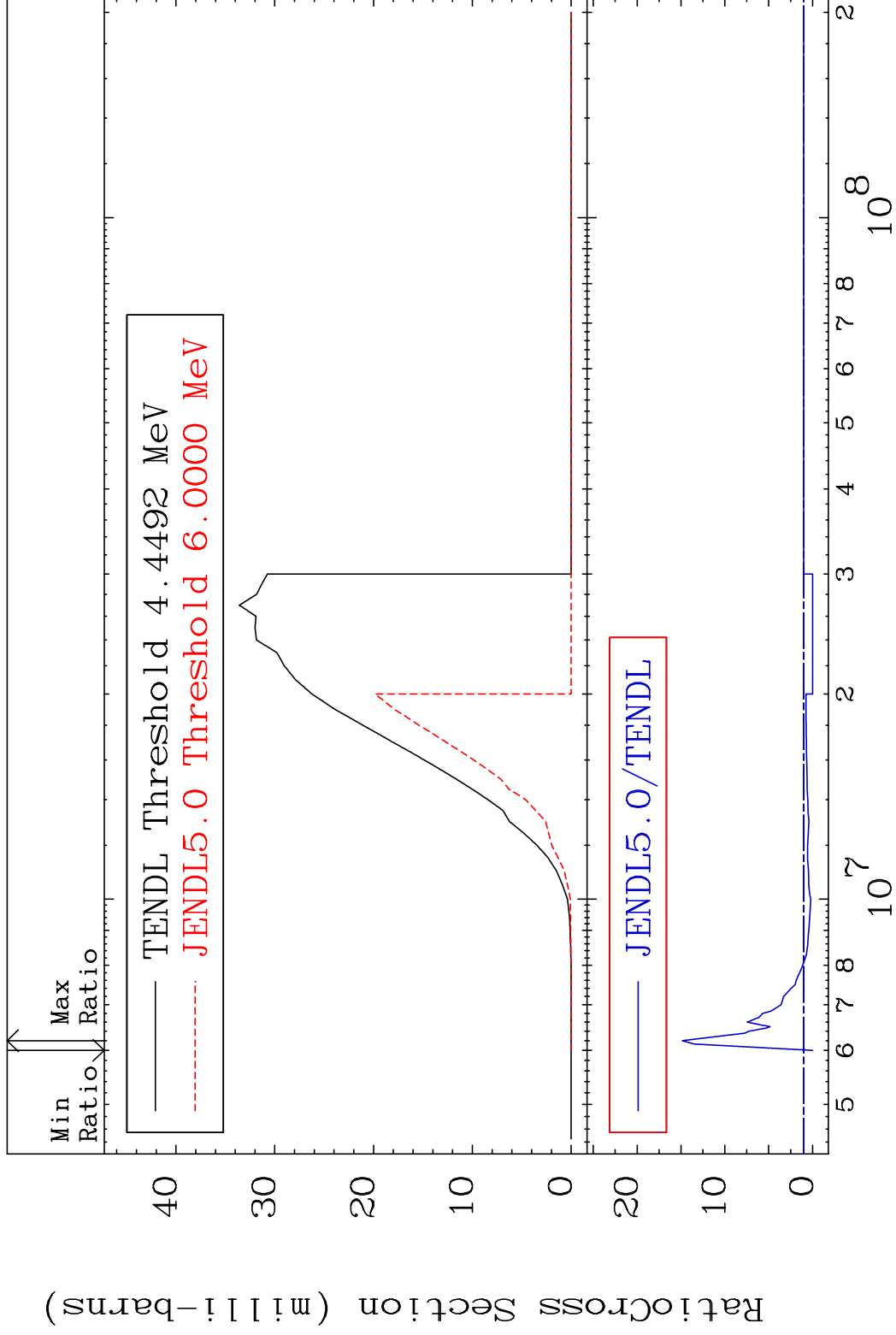


MAT 3125

(n, d)

31-Ga-69

Cross Section -100.0 To 1384. %



43

Incident Energy (eV)

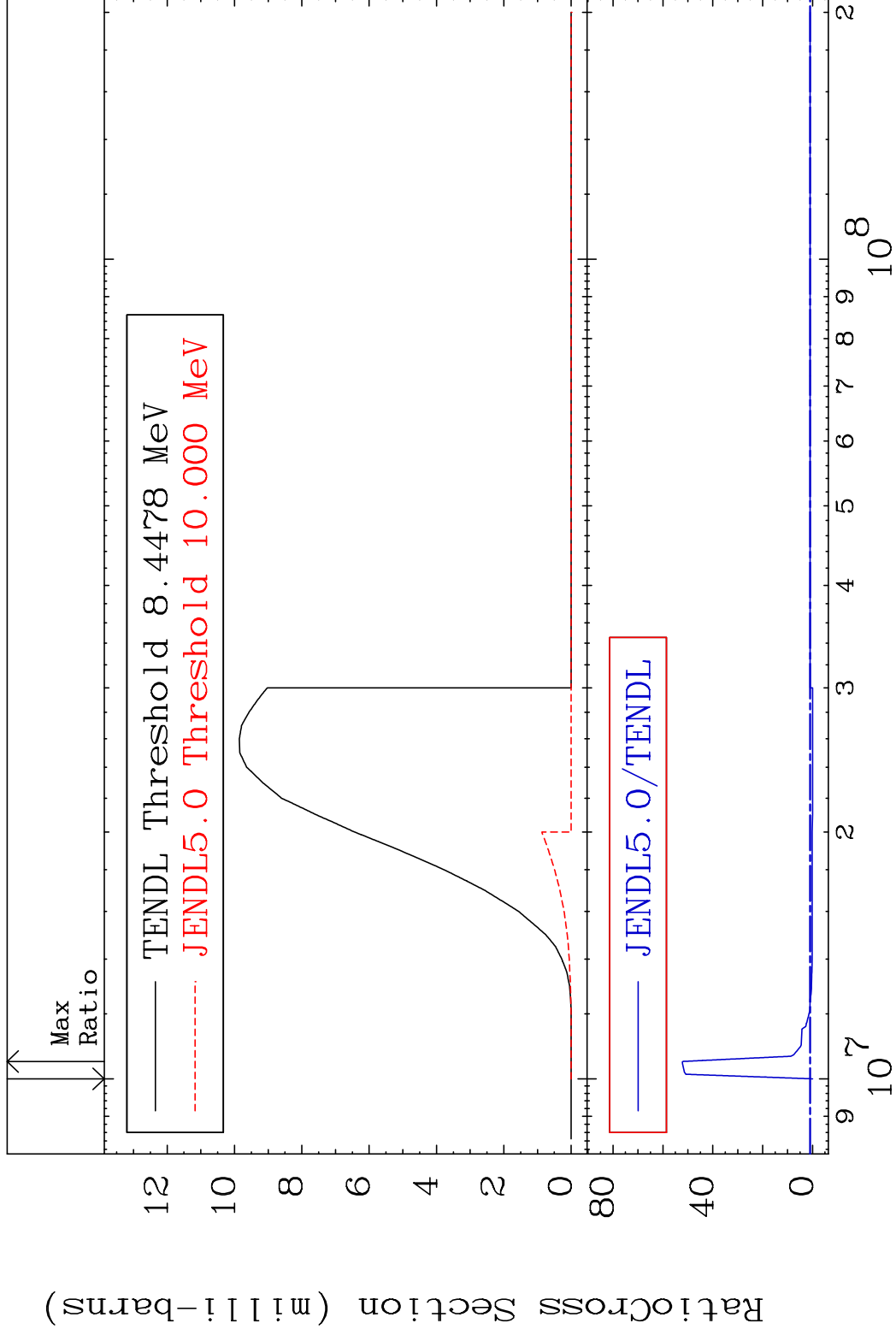
31-Ga-69

MAT 3125

(n, t)

31-Ga-69

Cross Section -100.0 To 5120. %

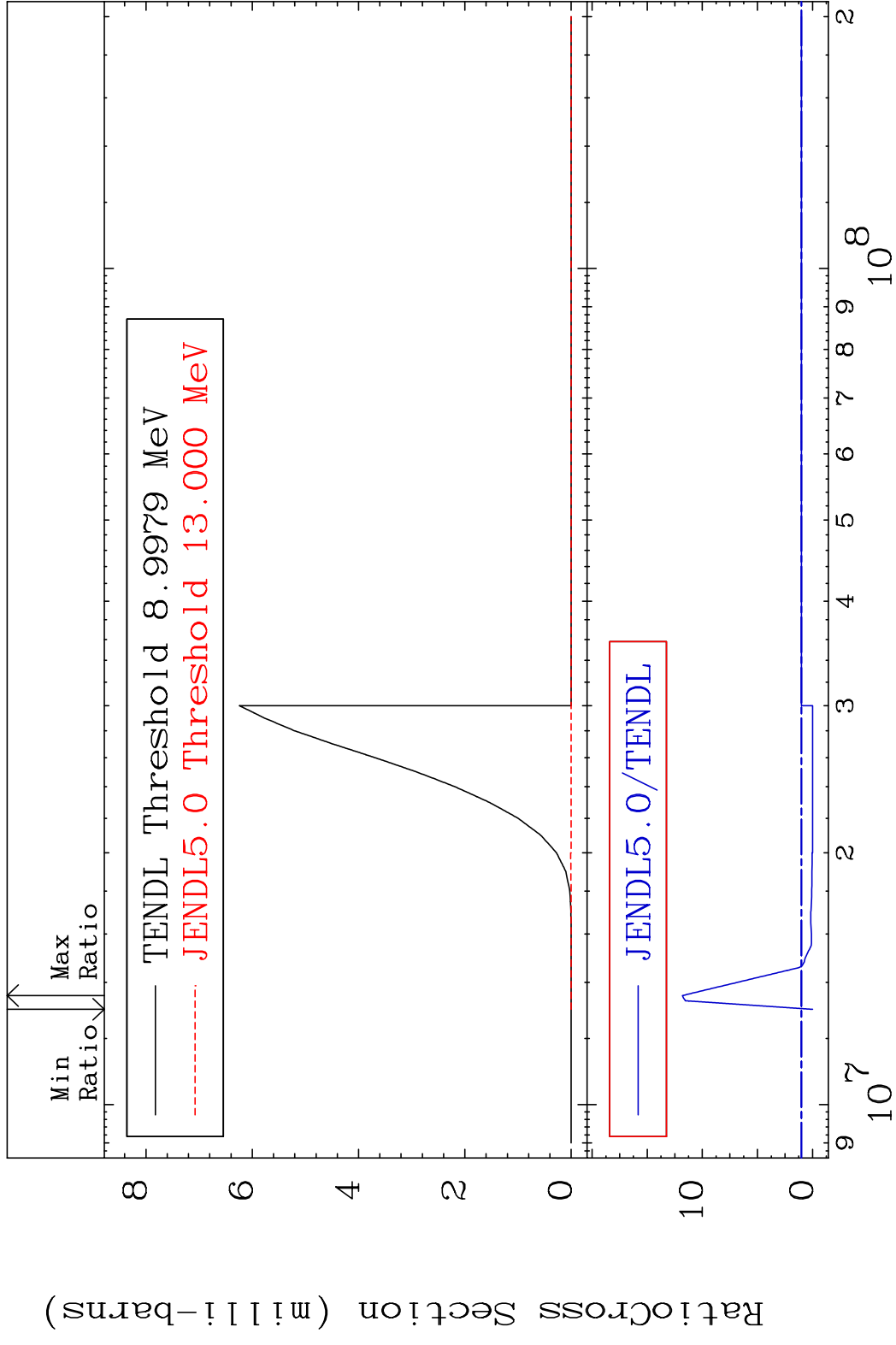


44

Incident Energy (eV)

31-Ga-69

MAT 3125 (n, He-3) 31-Ga-69
 Cross Section -100.0 To 1081. %



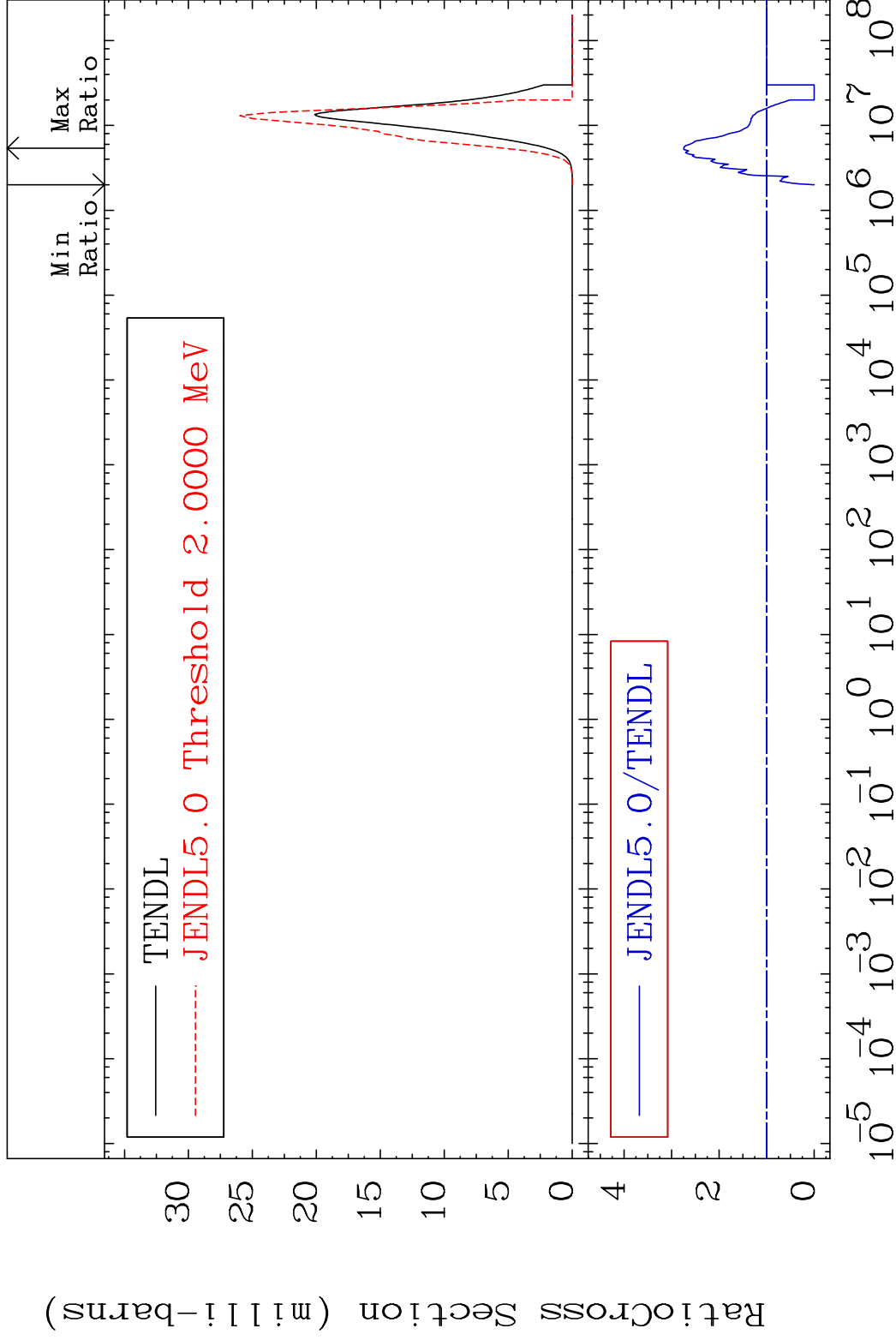
45 Incident Energy (eV) 31-Ga-69

MAT 3125

(n, α)

31-Ga-69

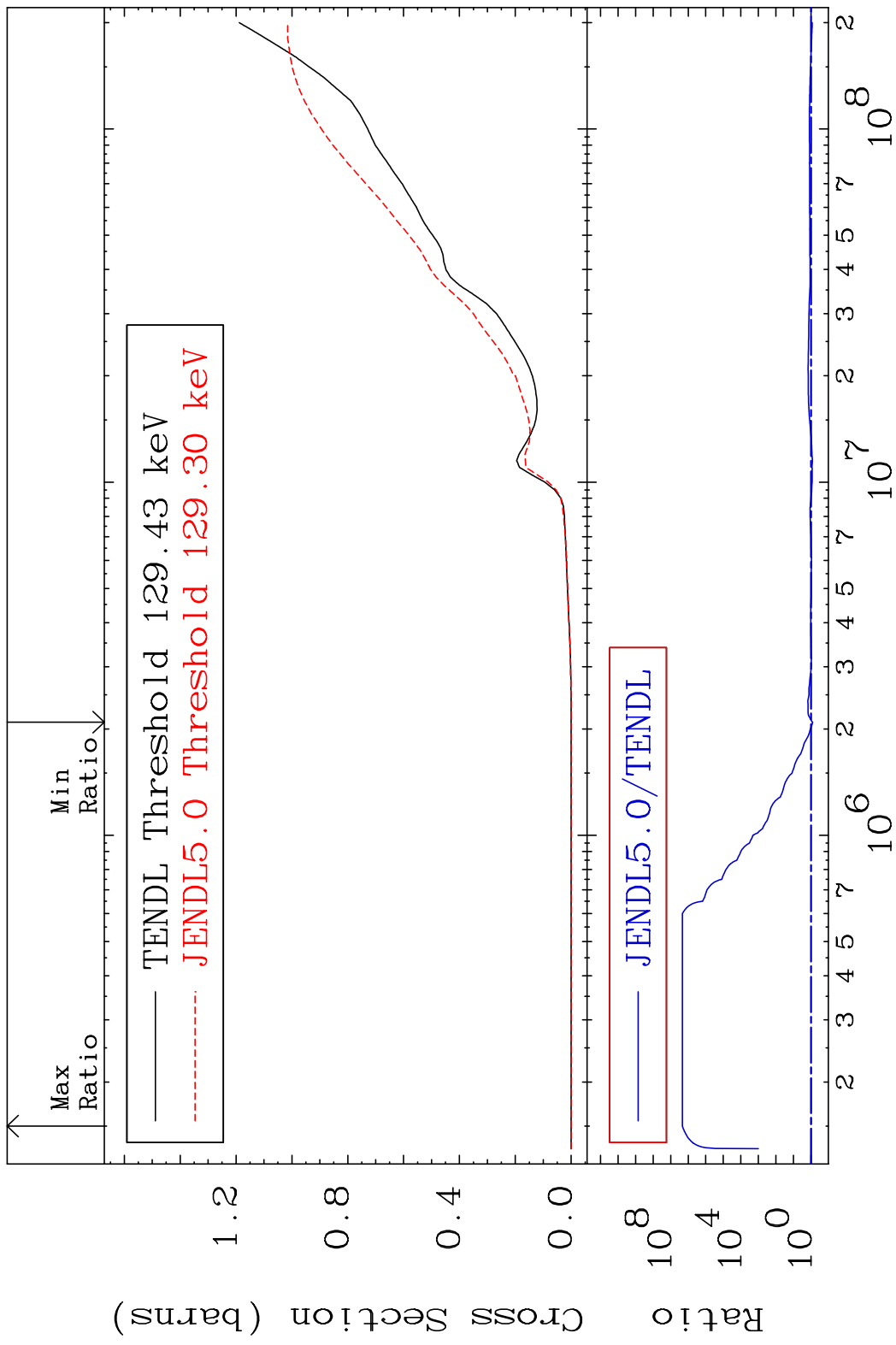
Cross Section -100.0 To 174.6 %



46

Incident Energy (eV)

31-Ga-69

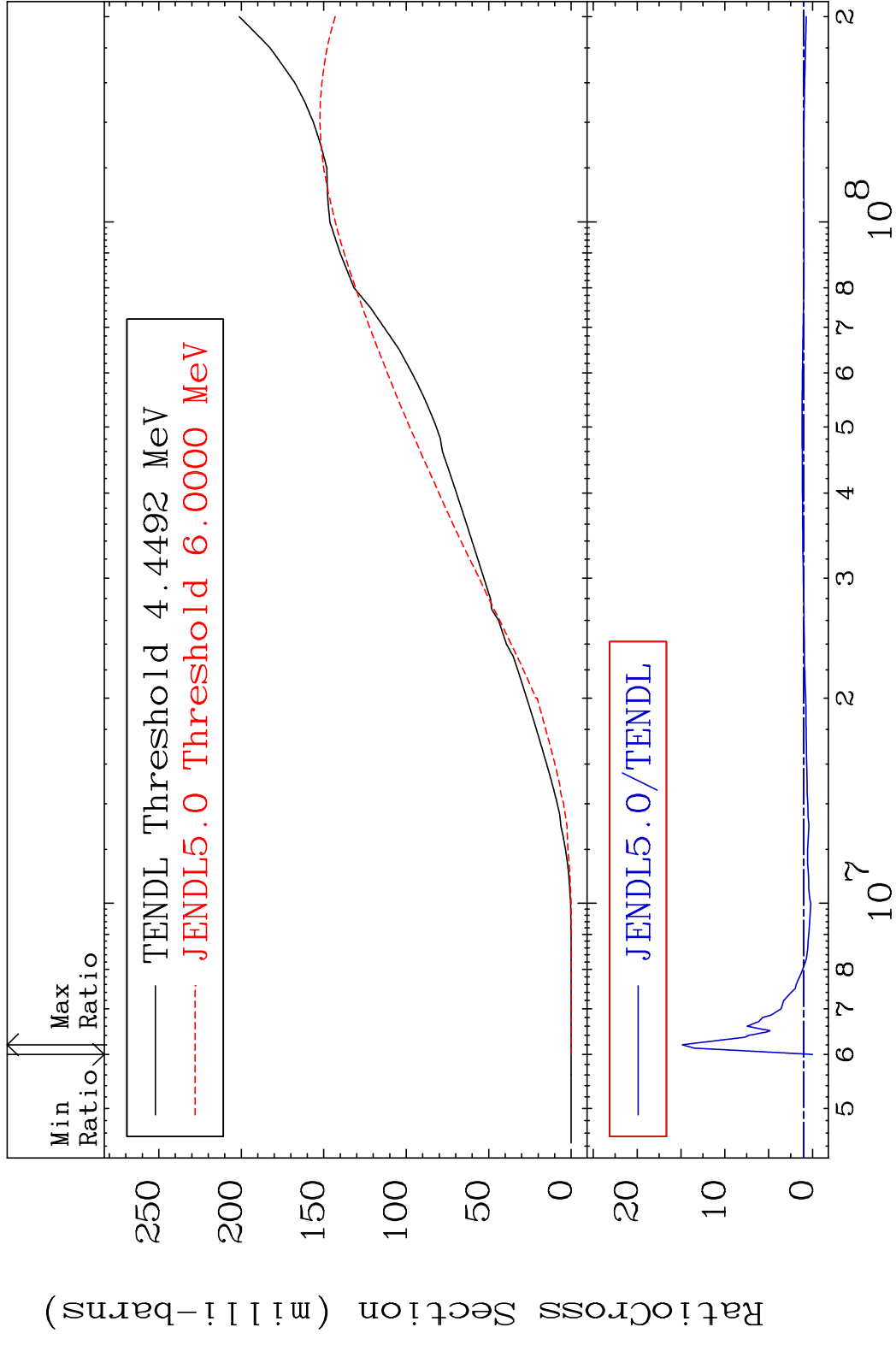


MAT 3125

Deuterium Production

31-Ga-69

Cross Section -100.0 To 1384. %

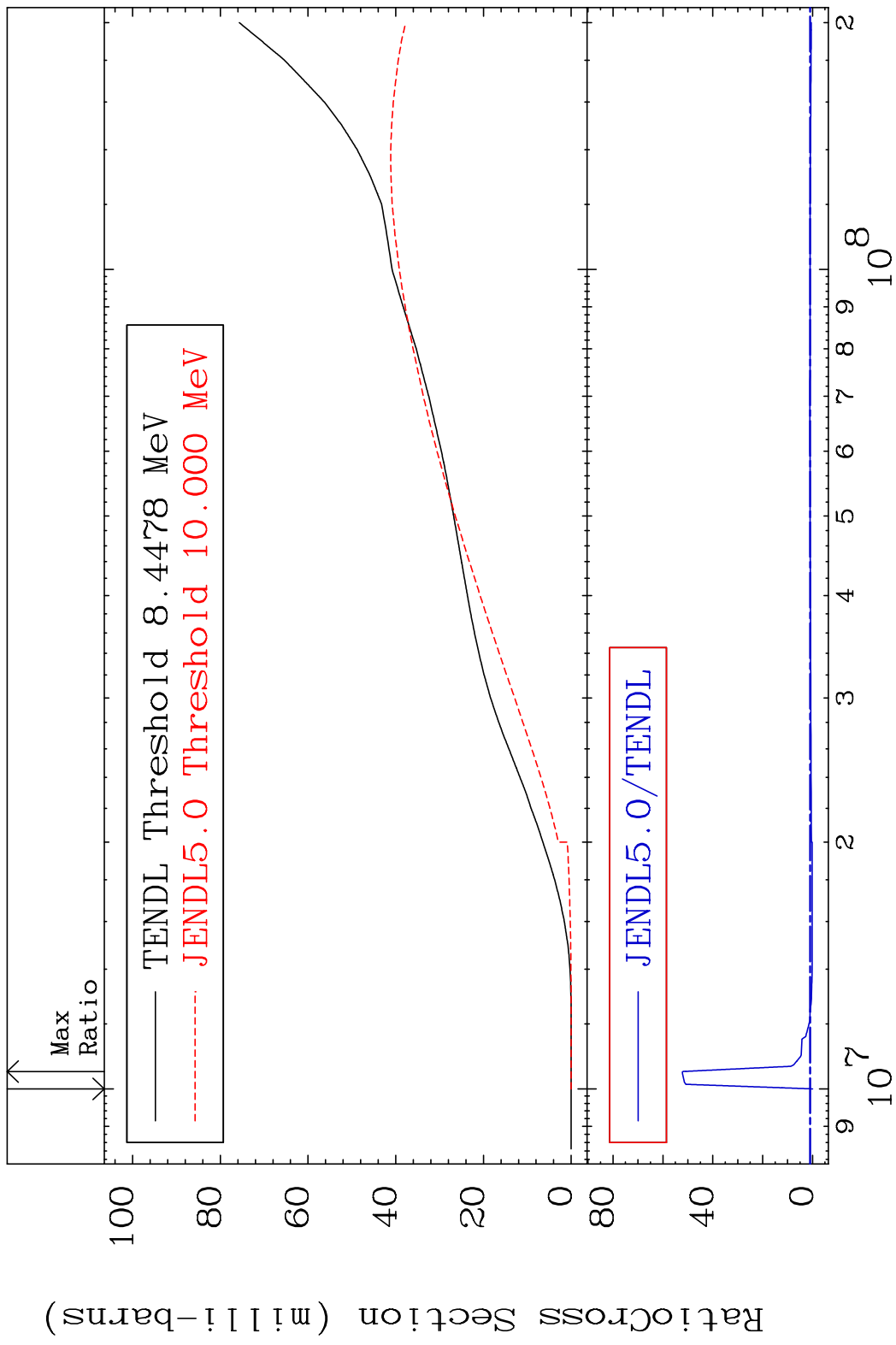


48

Incident Energy (eV)

31-Ga-69

MAT 3125 Tritium Production 31-Ga-69
 Cross Section -100.0 To 5120. %



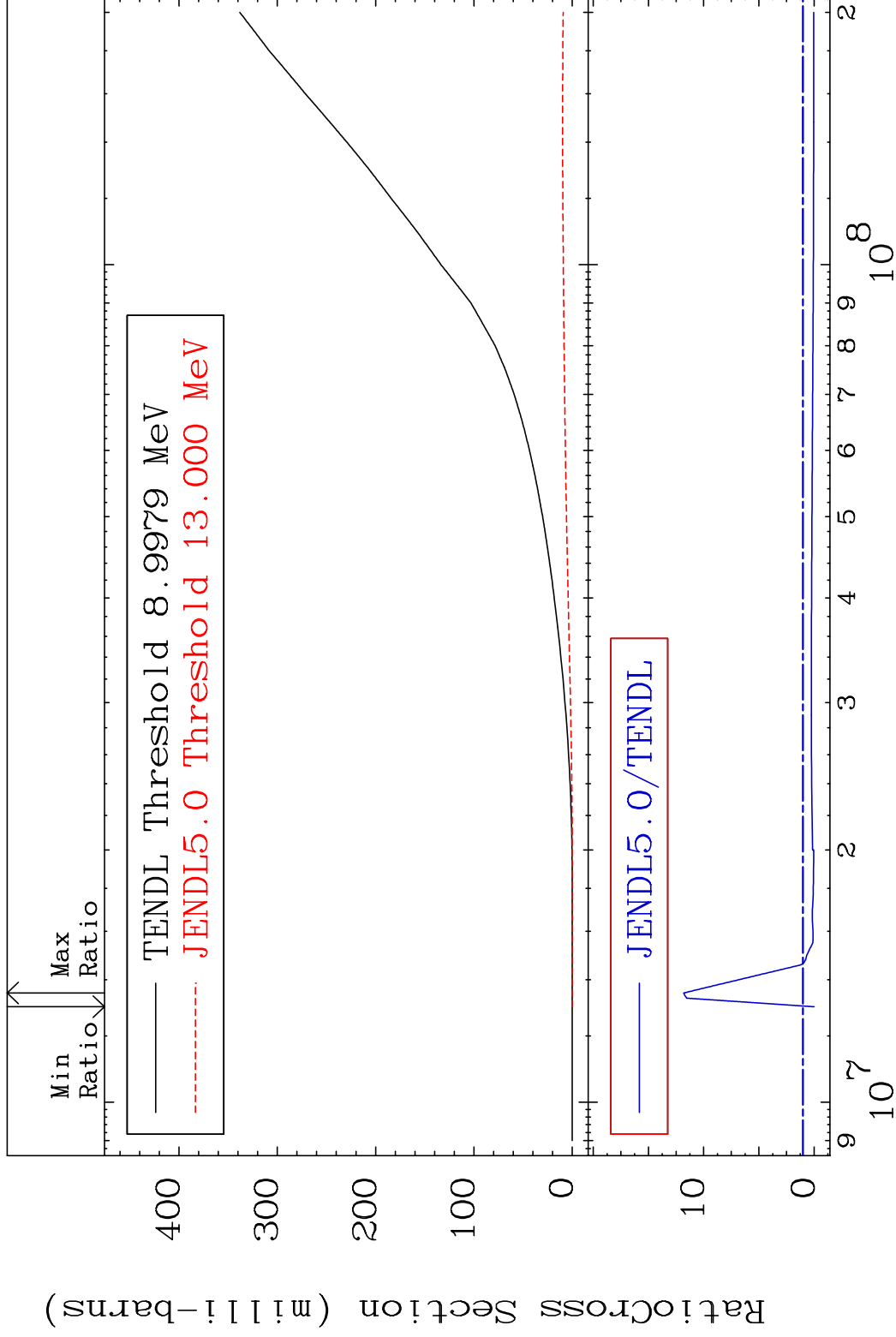
49 Incident Energy (eV) 31-Ga-69

MAT 3125

He-3 Production

31-Ga-69

Cross Section -100.0 To 1081. %



50

Incident Energy (eV)

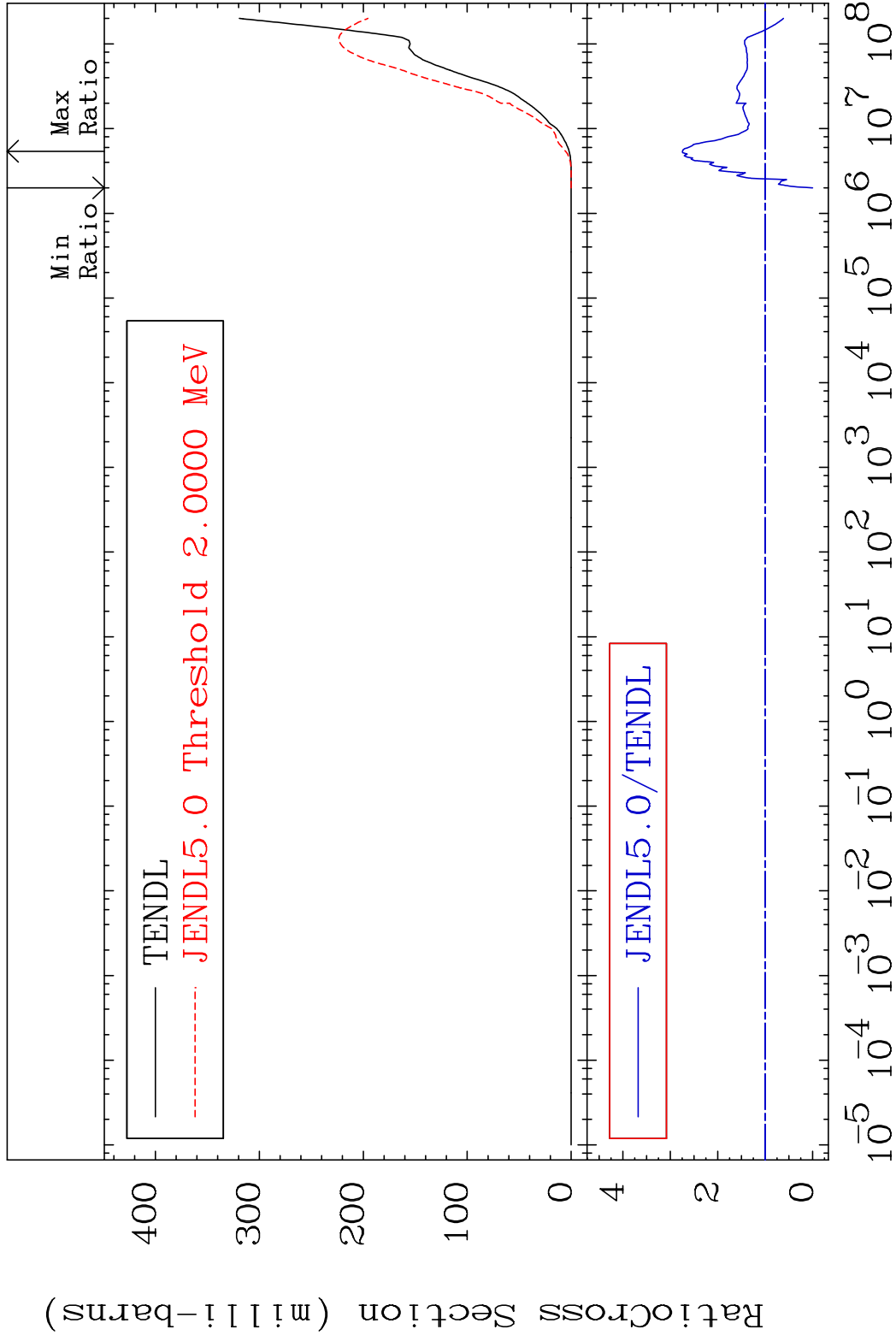
31-Ga-69

MAT 3125

He-4 Production

31-Ga-69

Cross Section -100.0 To 174.6 %

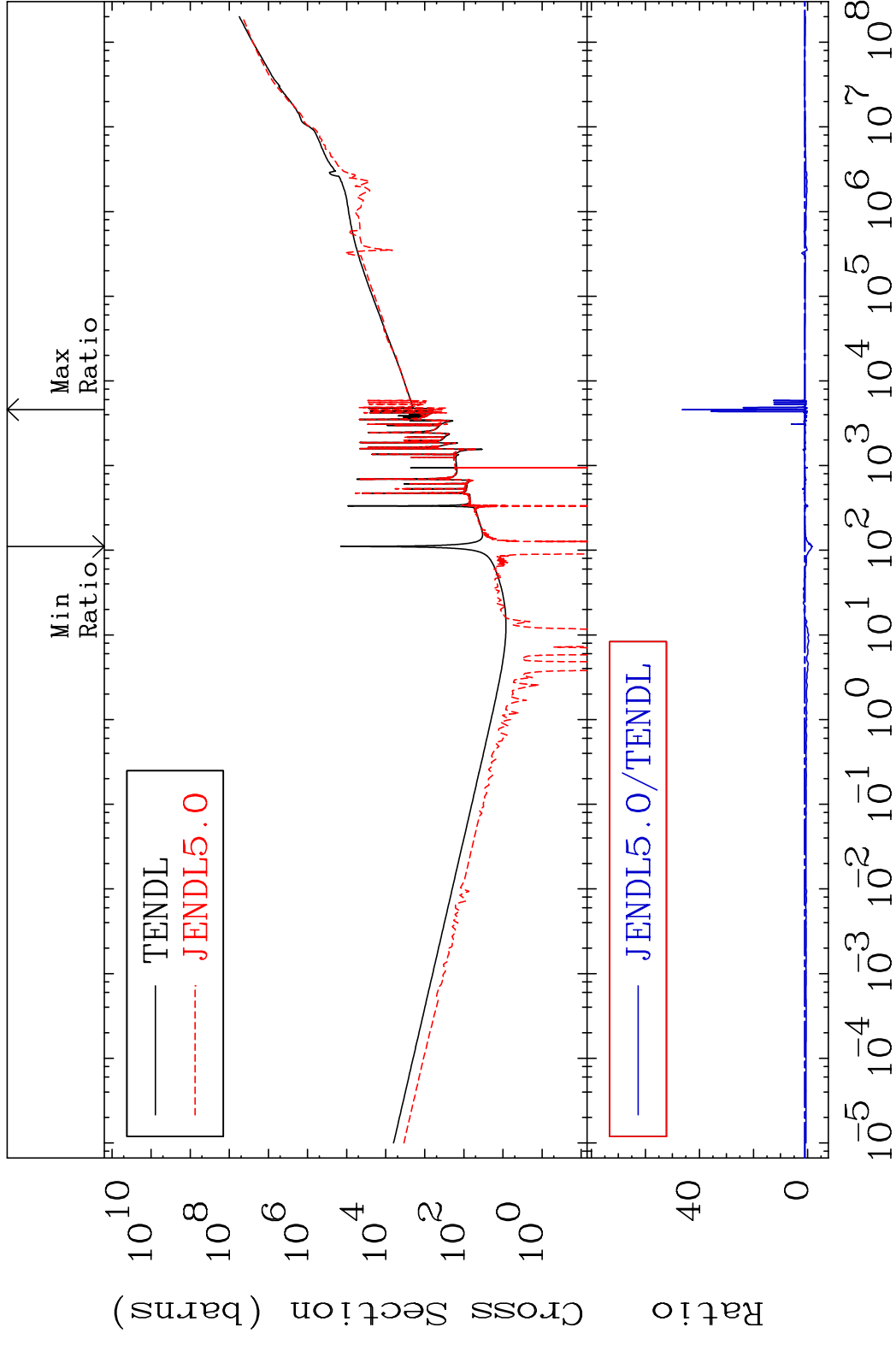


51

Incident Energy (eV)

31-Ga-69

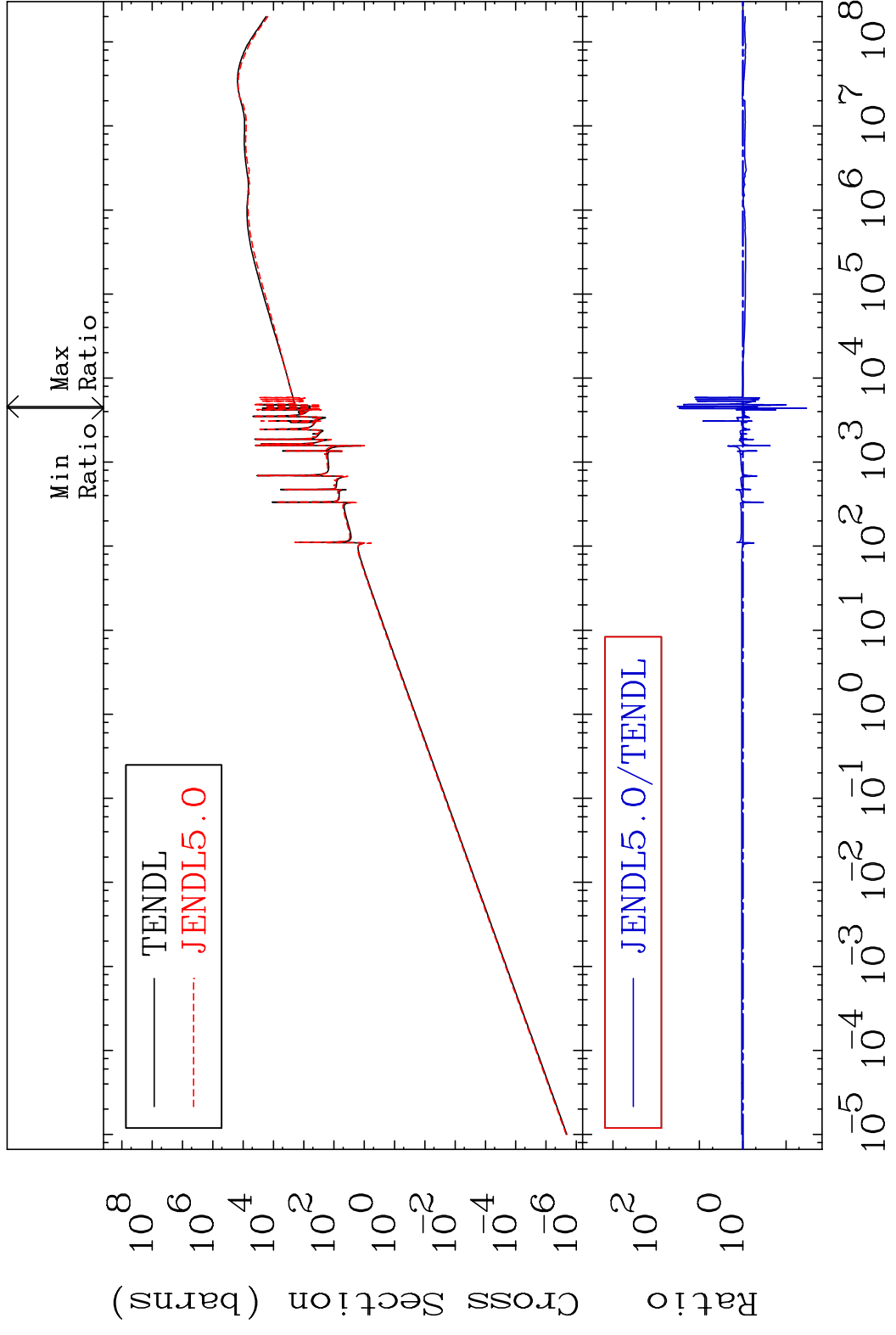
MAT 3125 Kerma total (eV-barns) 31-Ga-69
 Cross Section -285.3 To 4532. %



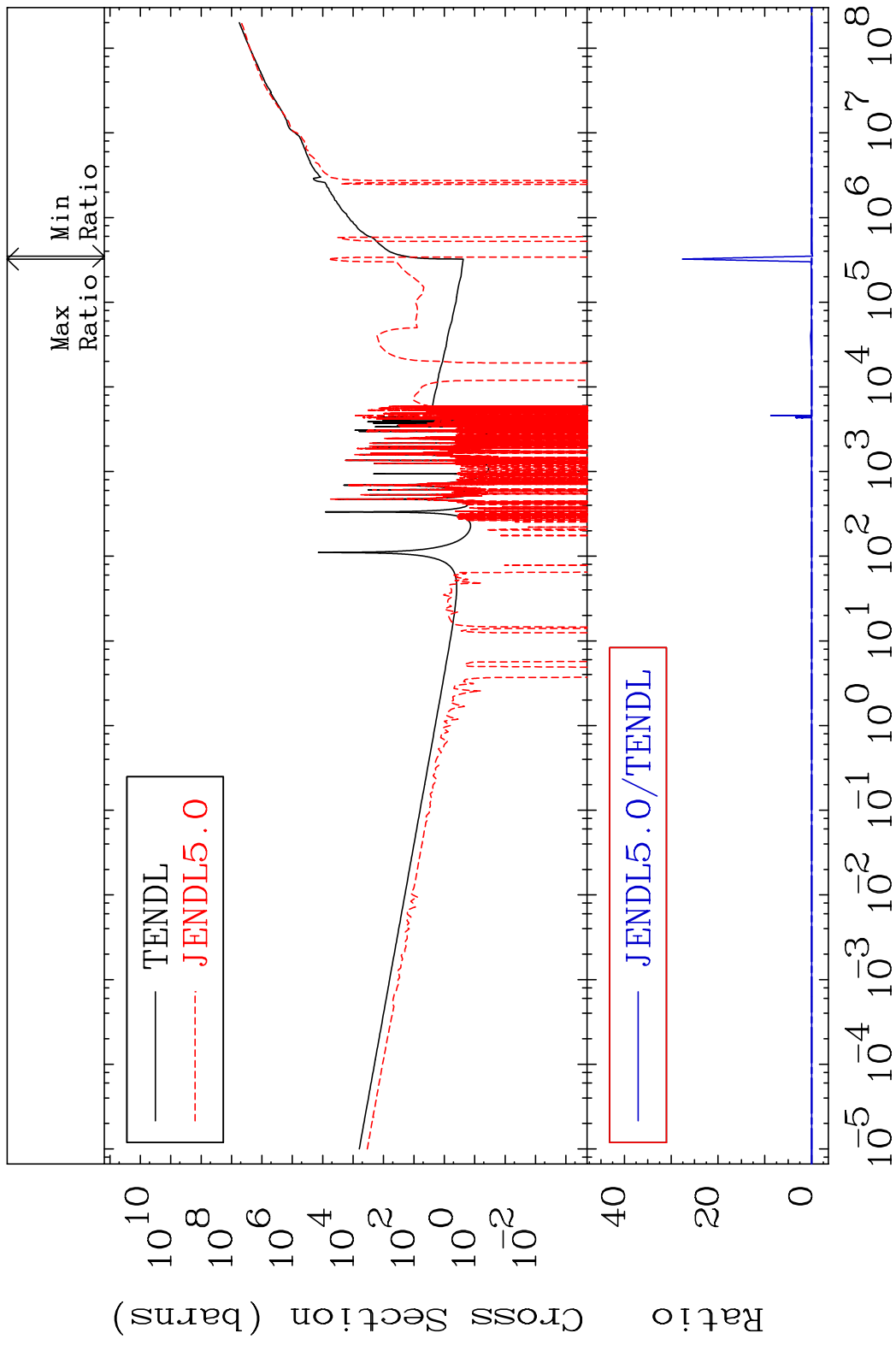
MAT 3125

Kerma elastic Cross Section -96.61 To 3166. %

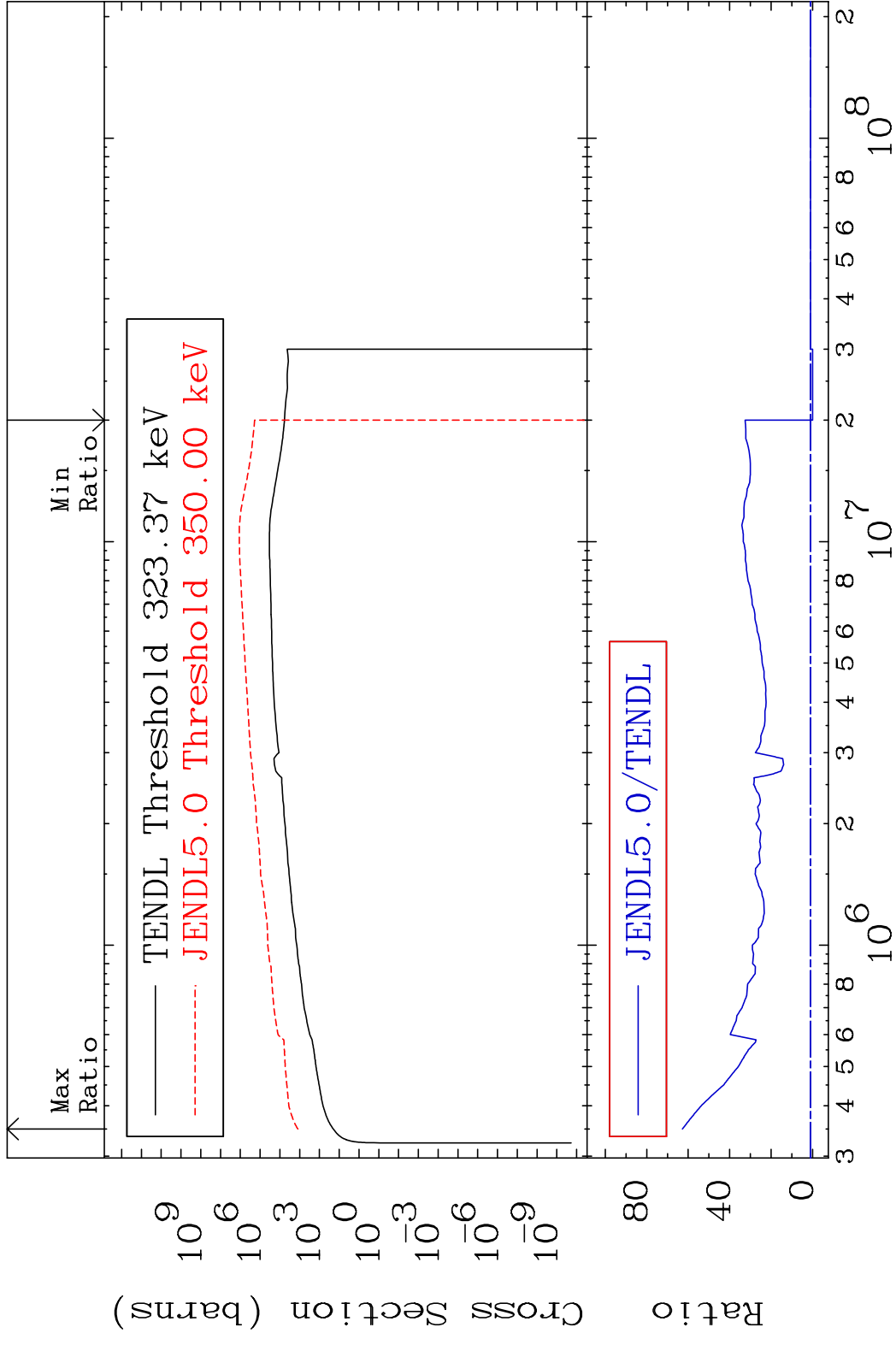
31-Ga-69



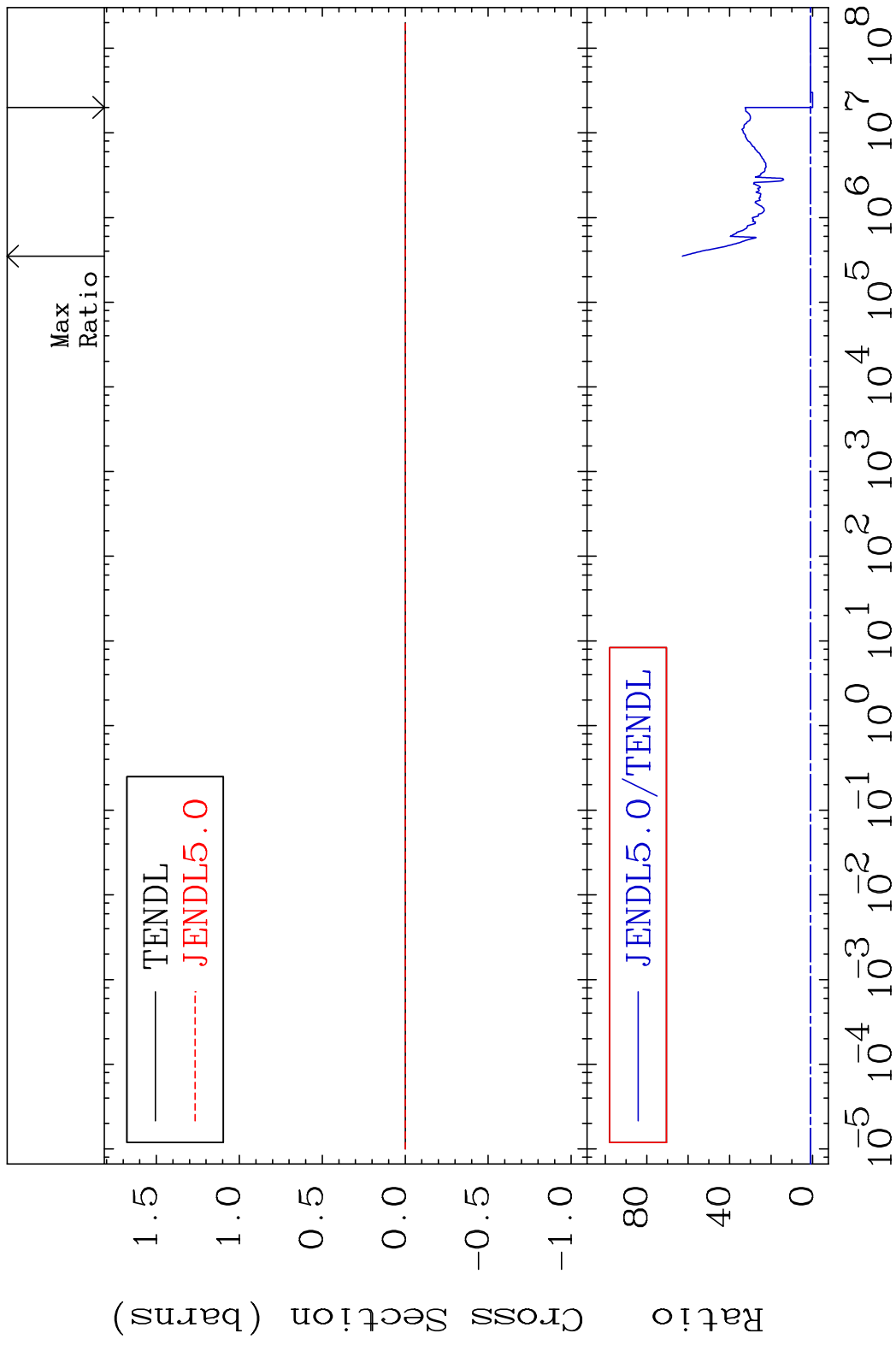
MAT 3125 Kerma non-elastic (all but mt2) 31-Ga-69
 Cross Section -9999. To 9999. %



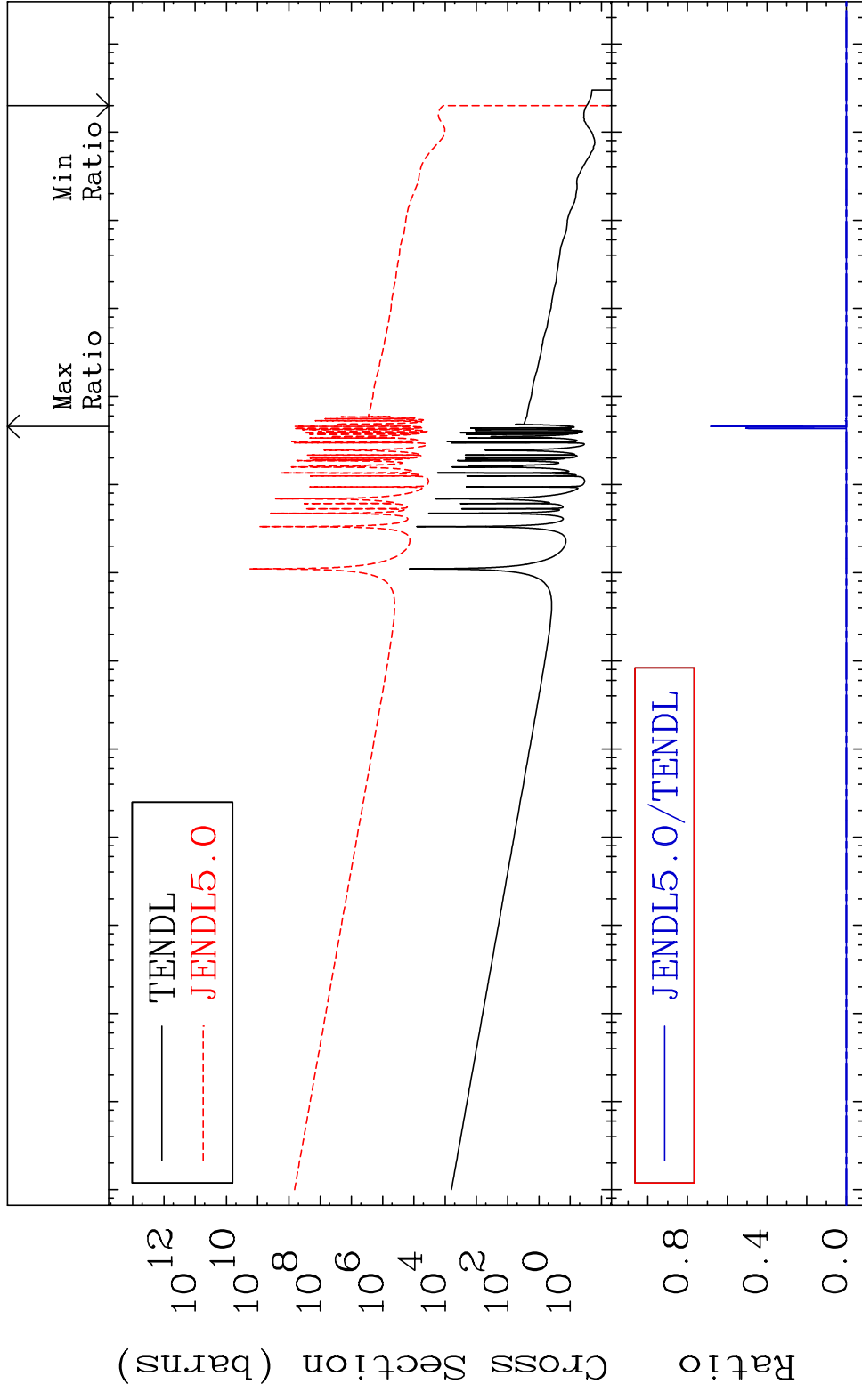
MAT 3125 Kerma inelastic (mt51-91) 31-Ga-69
 Cross Section -100.0 To 6181. %



MAT 3125 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-69
 Cross Section -100.0 To 6181. %

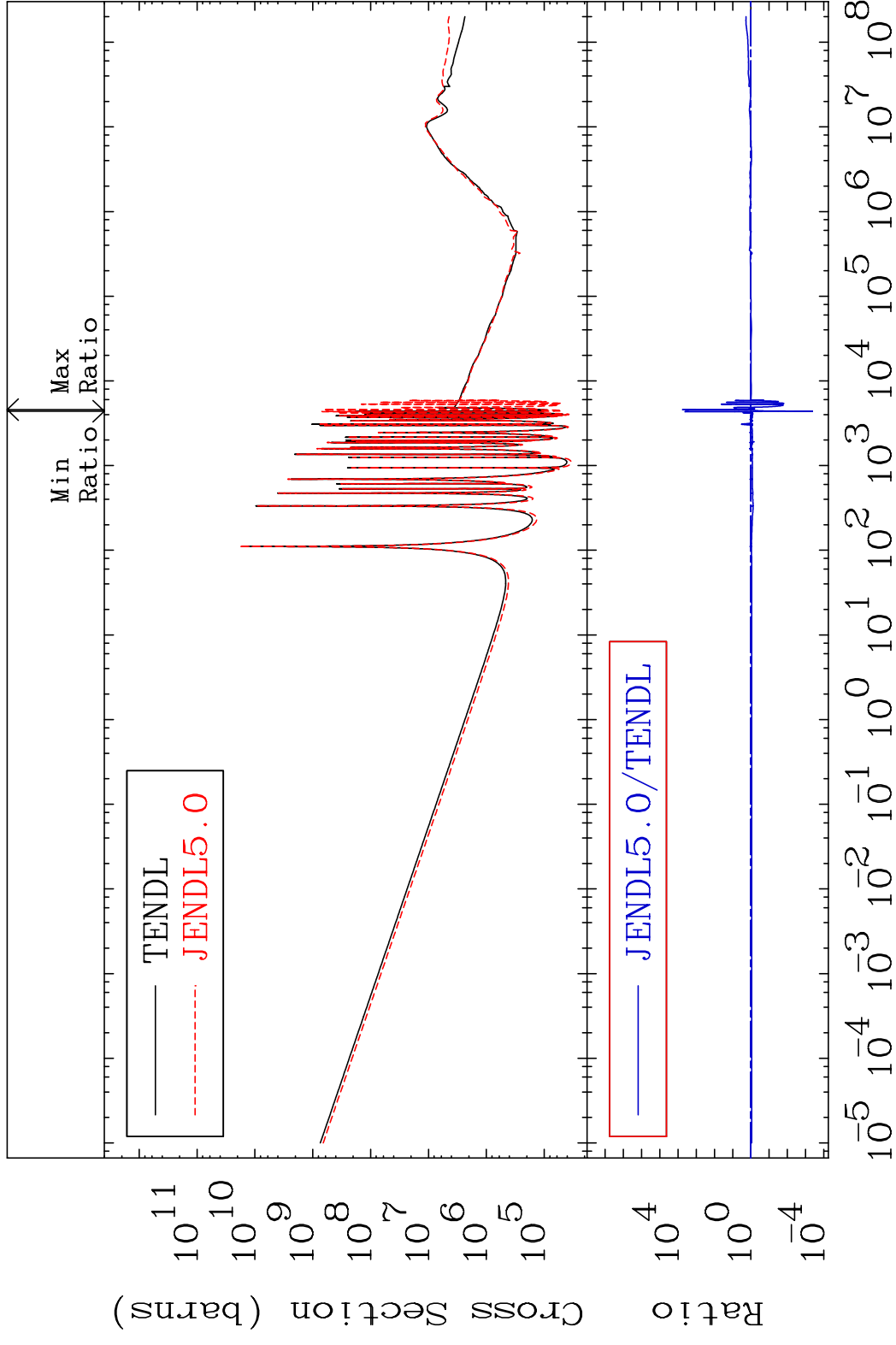


MAT 3125 Kerma capture (mt102) 31-Ga-69
 Cross Section -100.0 To 9999. %

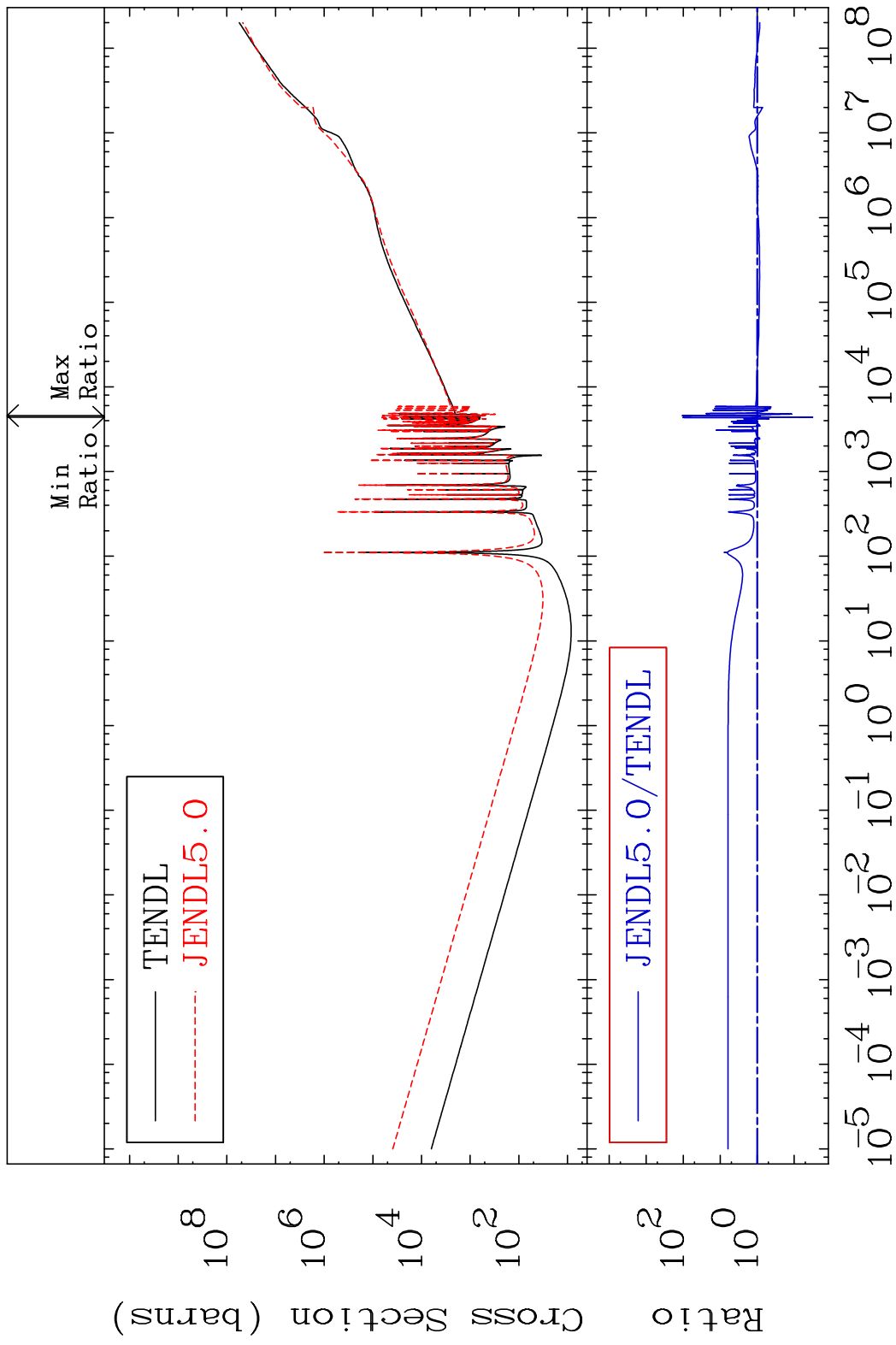


57 Incident Energy (eV) 31-Ga-69

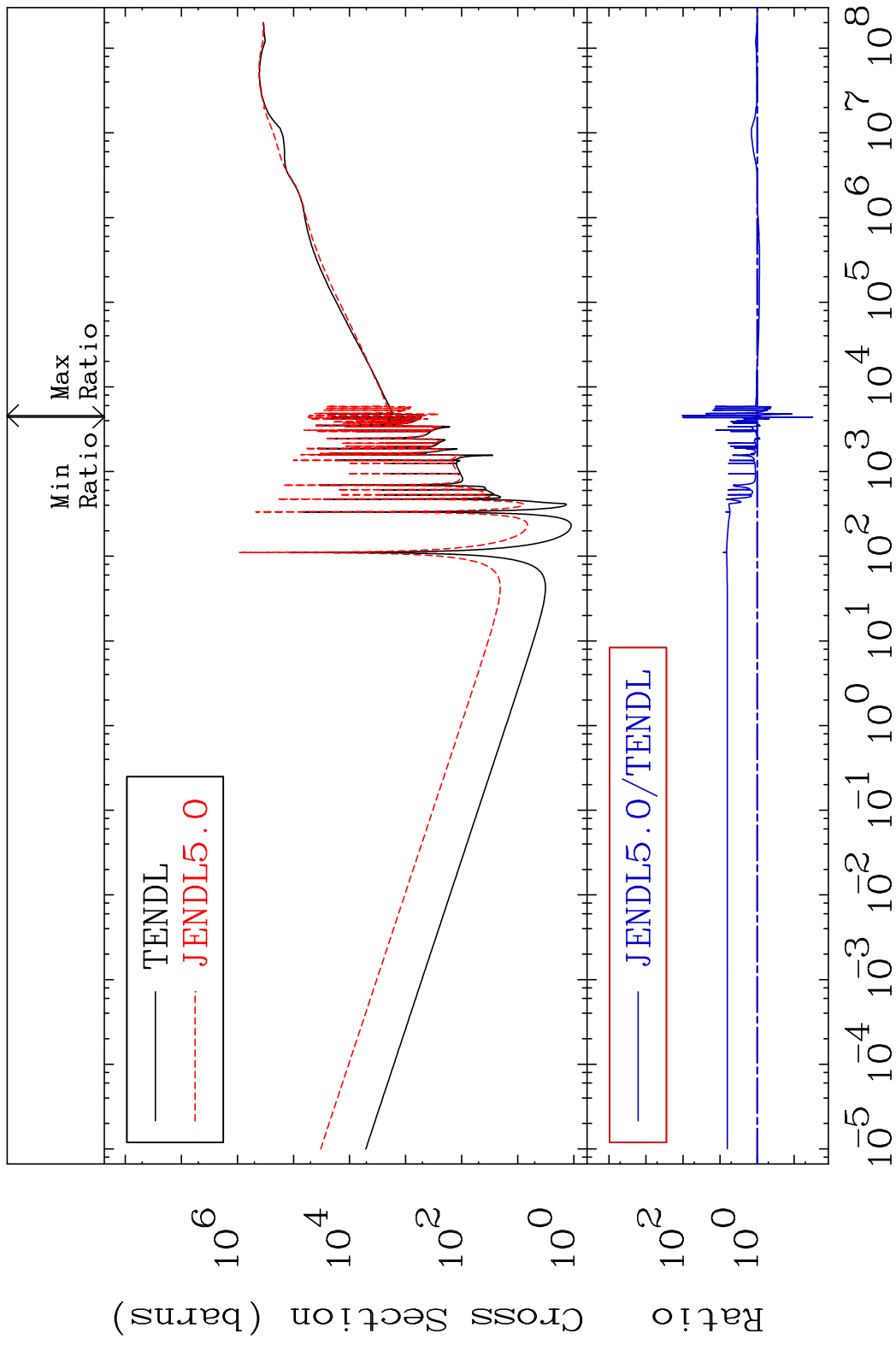
MAT 3125 Total photon (eV-barns) 31-Ga-69
 Cross Section -99.96 To 9999. %



MAT 3125 Total kinematic kerma (high limit) 31-Ga-69
Cross Section -96.80 To 9999. %



MAT 3125 Dpa total (eV-barns) 31-Ga-69
Cross Section -96.79 To 9999. %



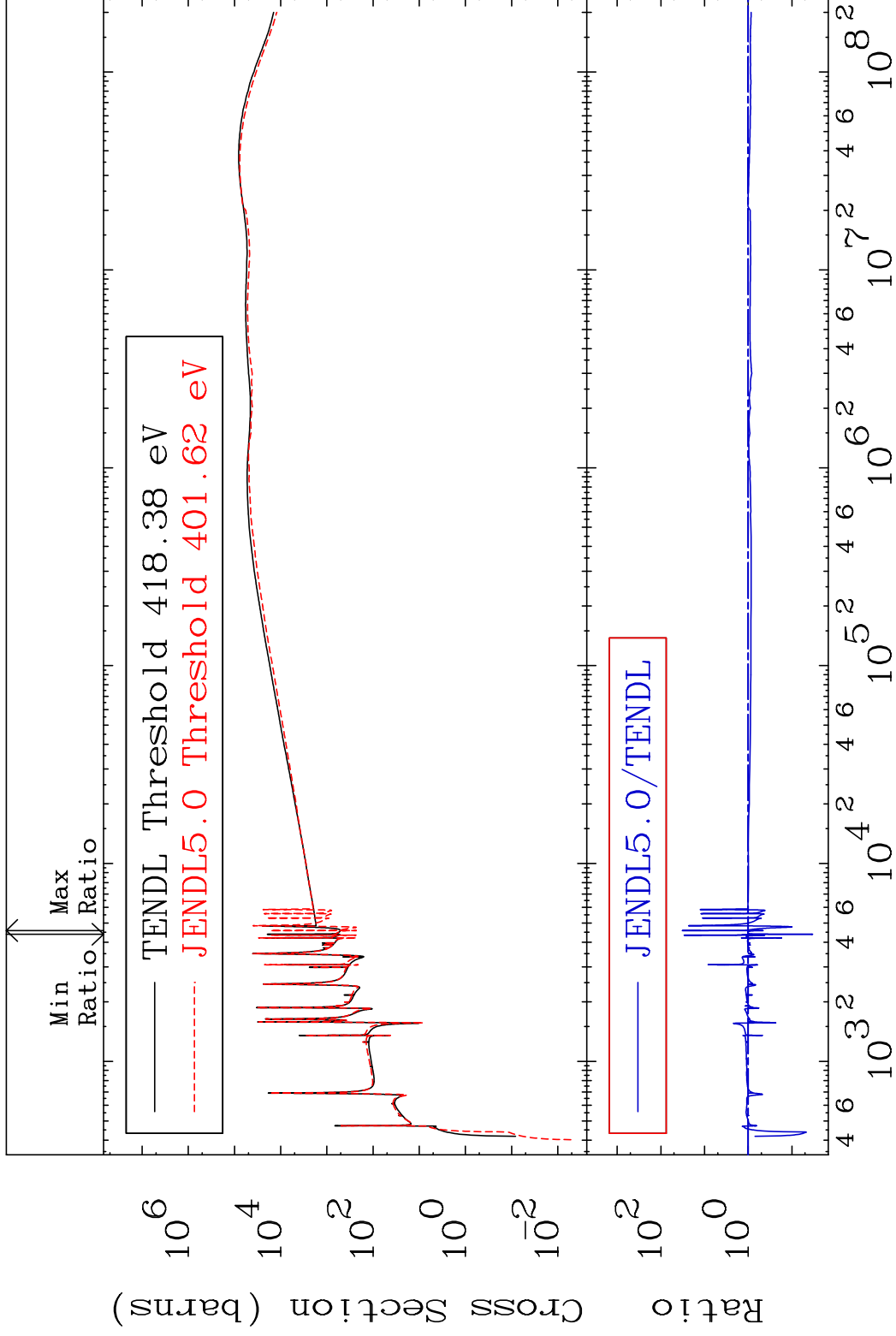
60 Incident Energy (eV) 31-Ga-69

MAT 3125

Dpa elastic (mt2)

31-Ga-69

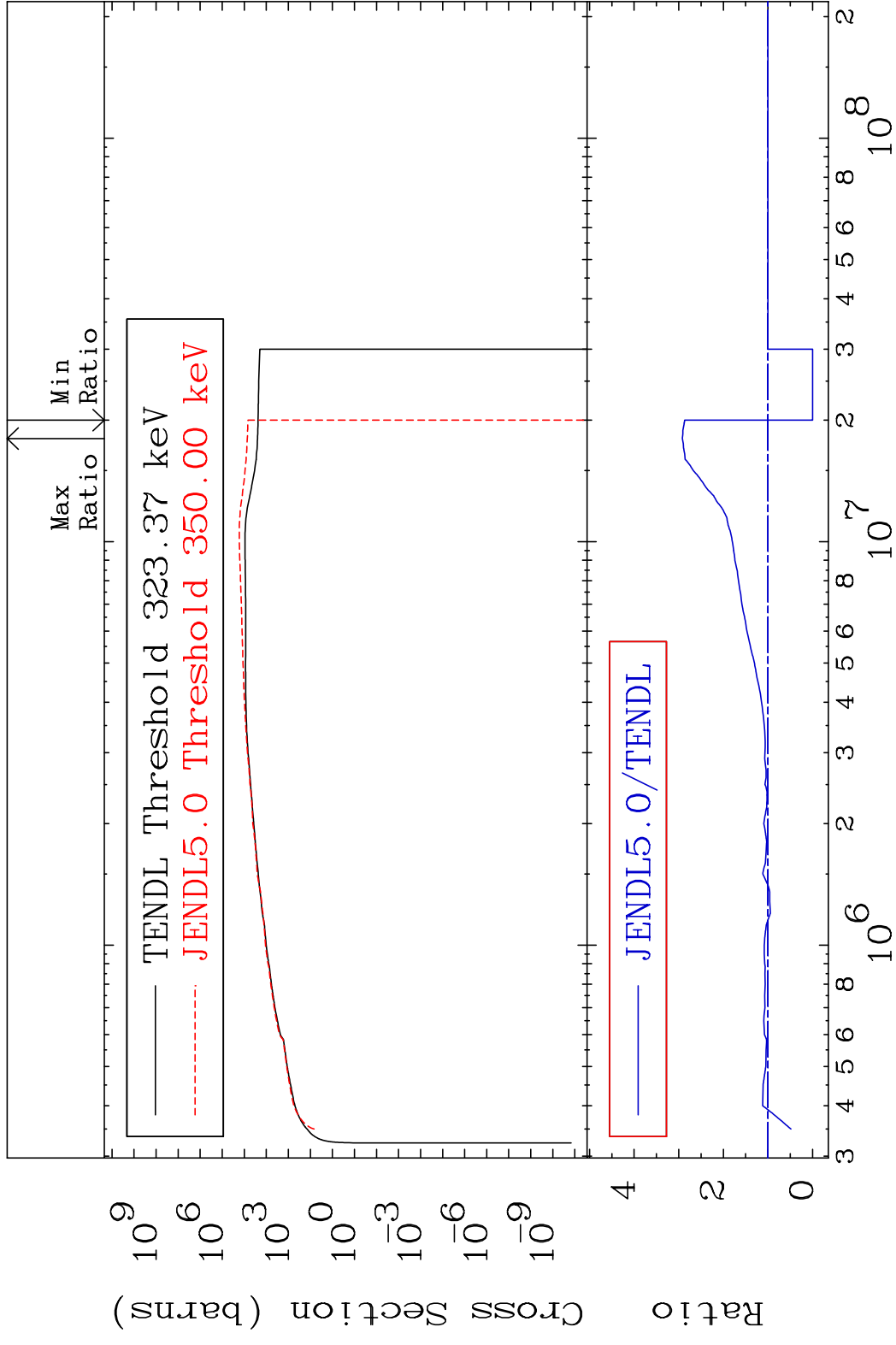
Cross Section -96.61 To 3164. %



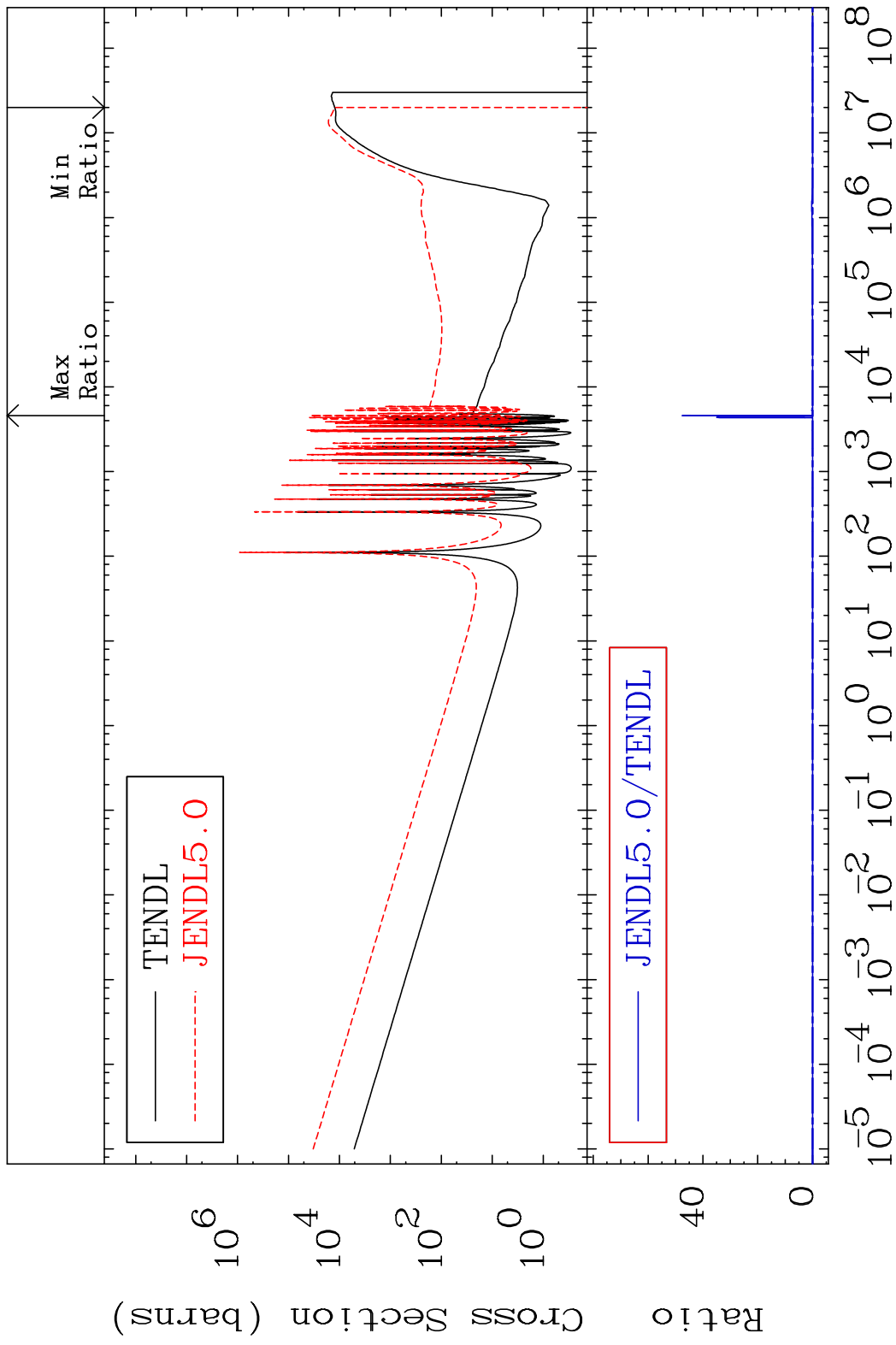
61

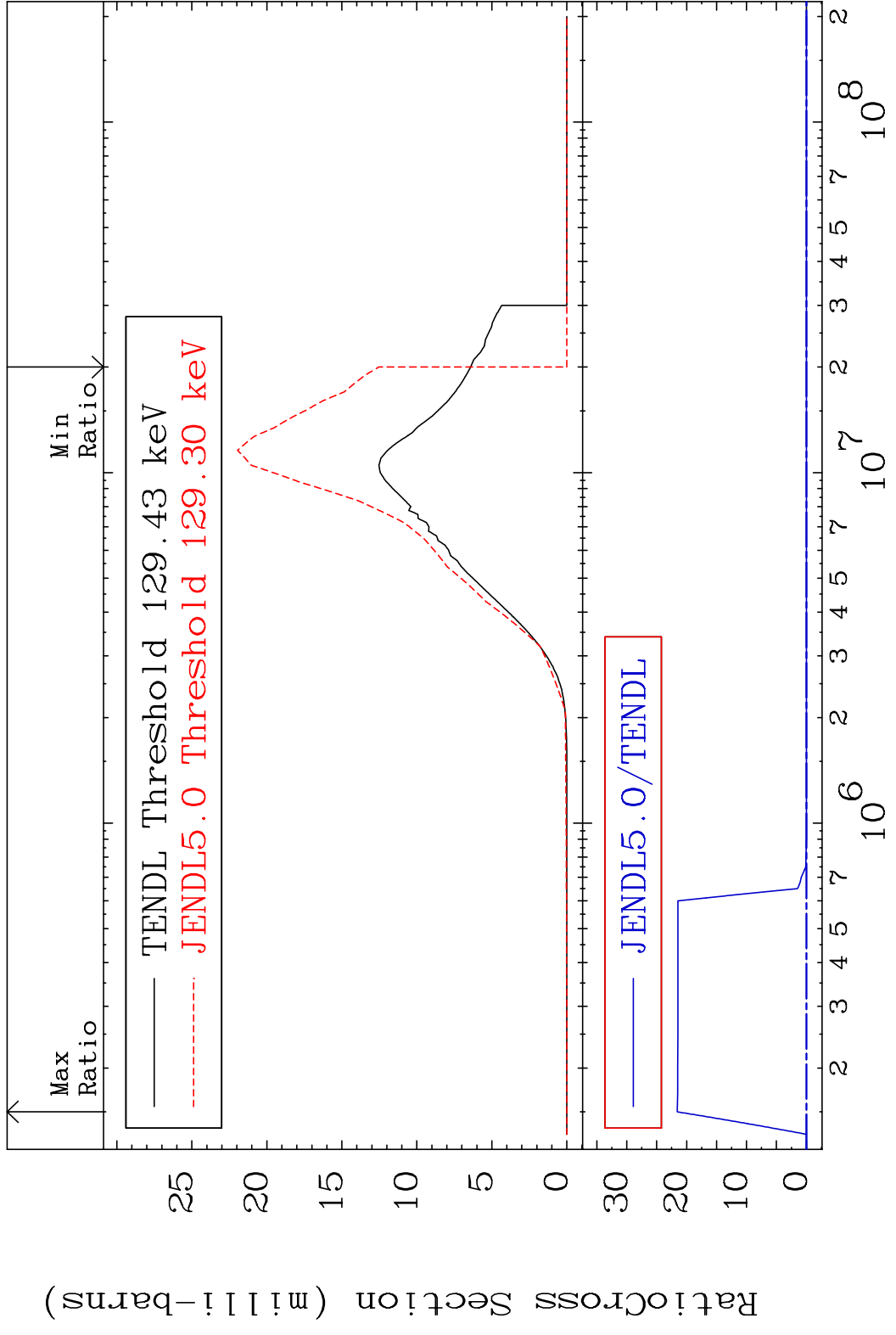
Incident Energy (eV)

31-Ga-69

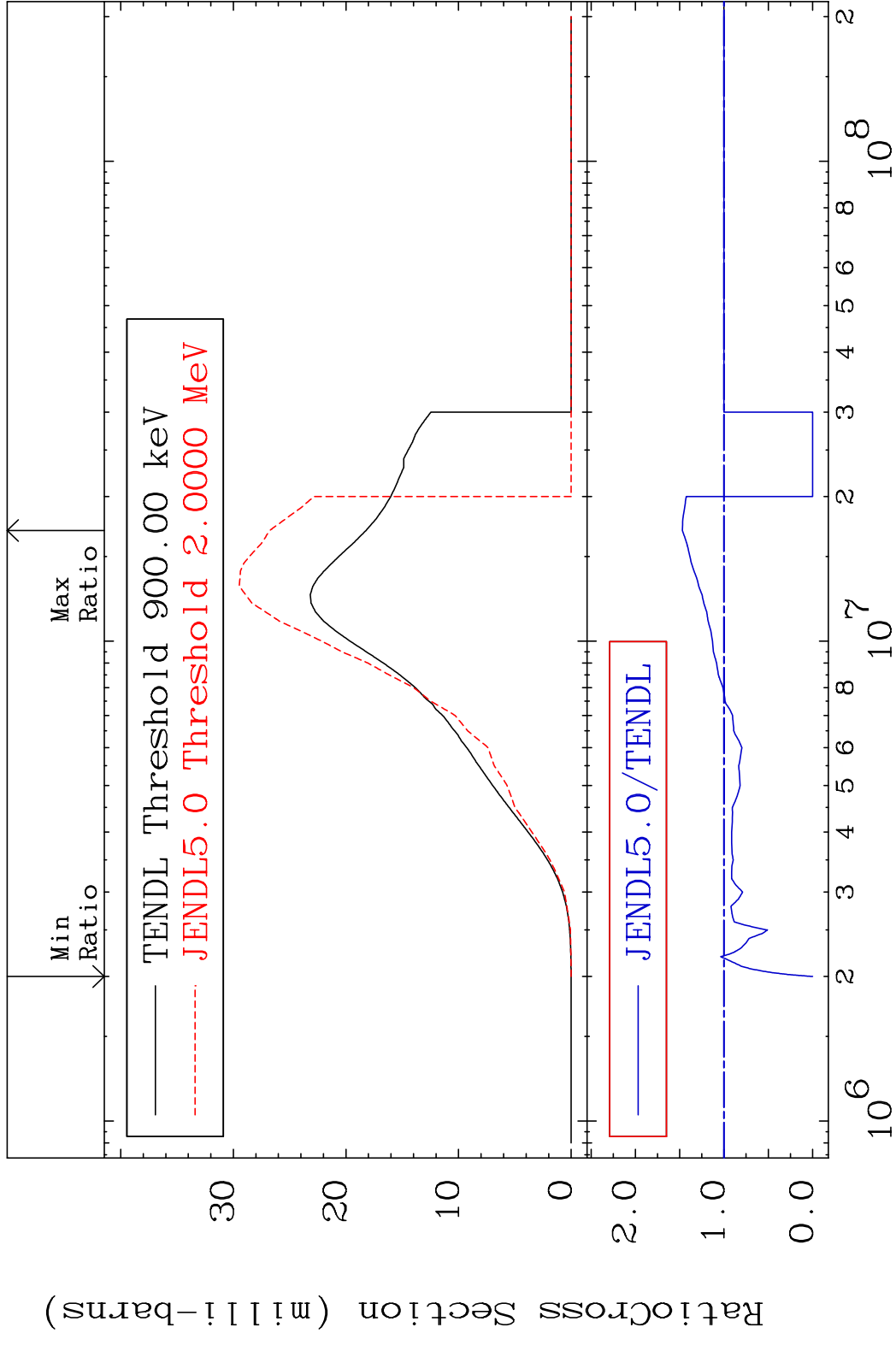


MAT 3125 Dpa disappearance (mt102 -120) 31-Ga-69
 Cross Section -100.0 To 9999. %





MAT 3125 (n,p):30-Zn-69m1 31-Ga-69
 Radionuclide Production Cross Section 180.01 dth 46.96 %

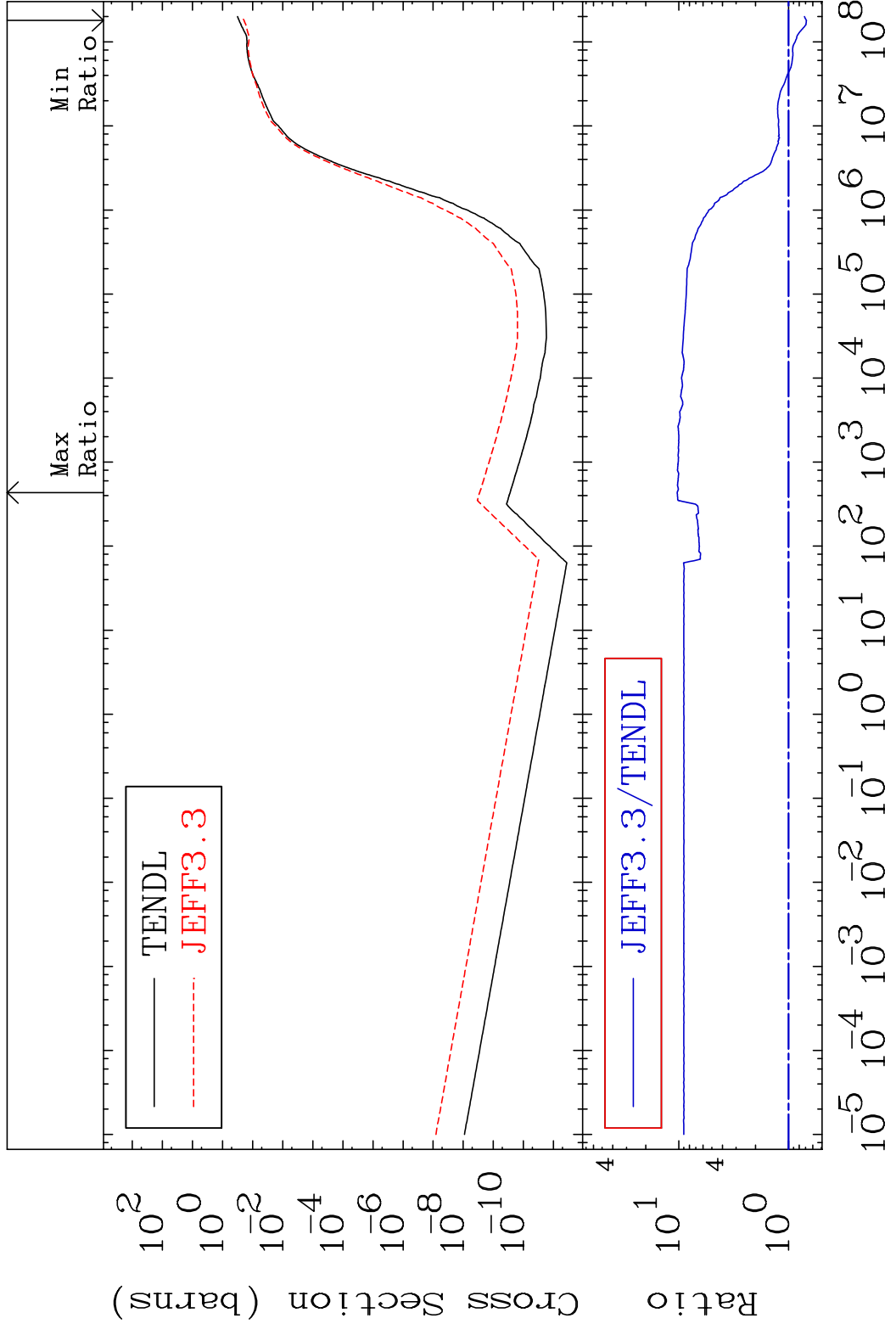


65 31-Ga-69

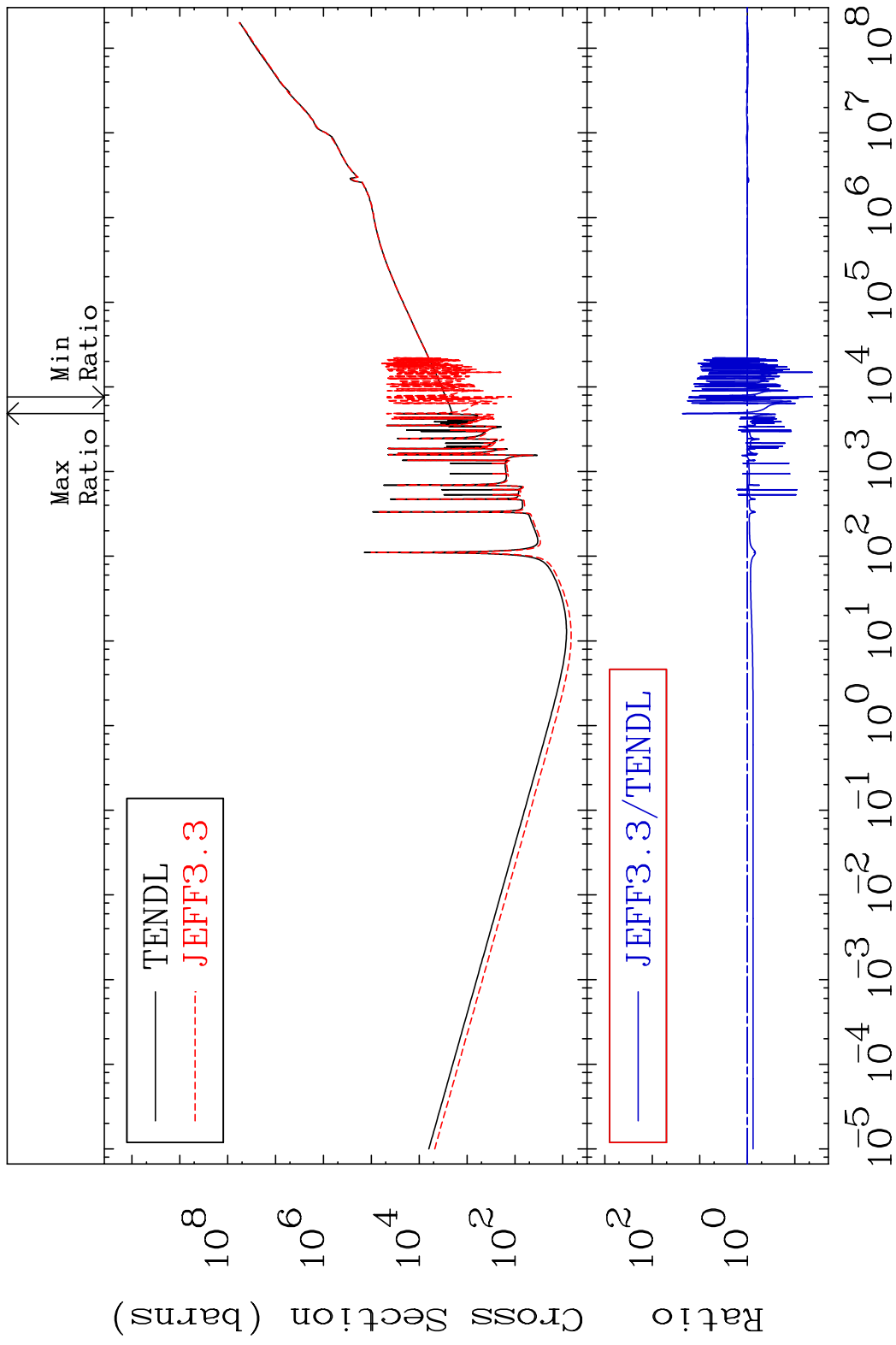
MAT 3125

He-4 Production
Cross Section

31-Ga-69
-31.37 To 933.6 %

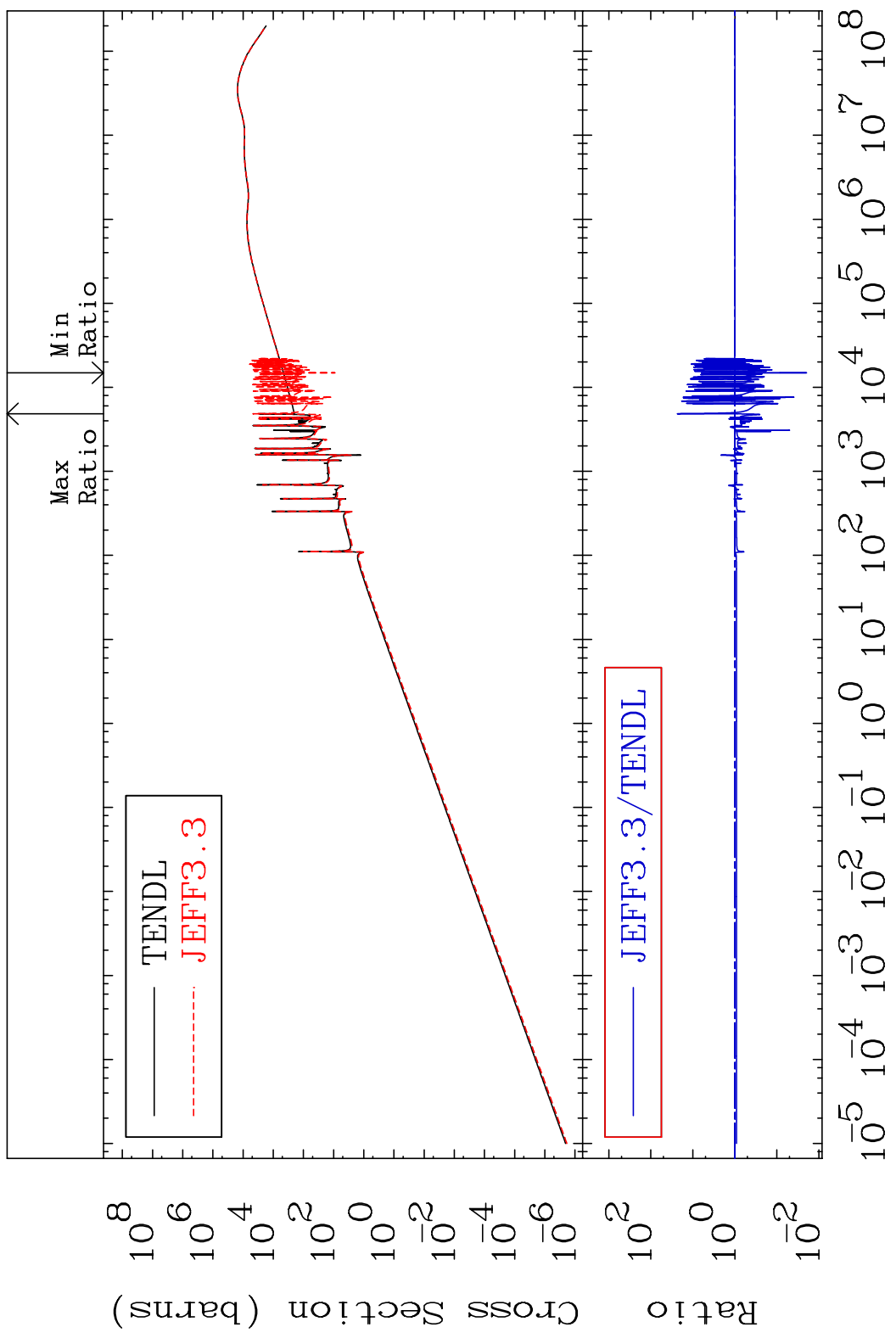


MAT 3125 Kerma total (eV-barns) 31-Ga-69
 Cross Section -95.76 To 2230. %



MAT 3125

Kerma elastic Cross Section -98.02 To 2257. %
31-Ga-69

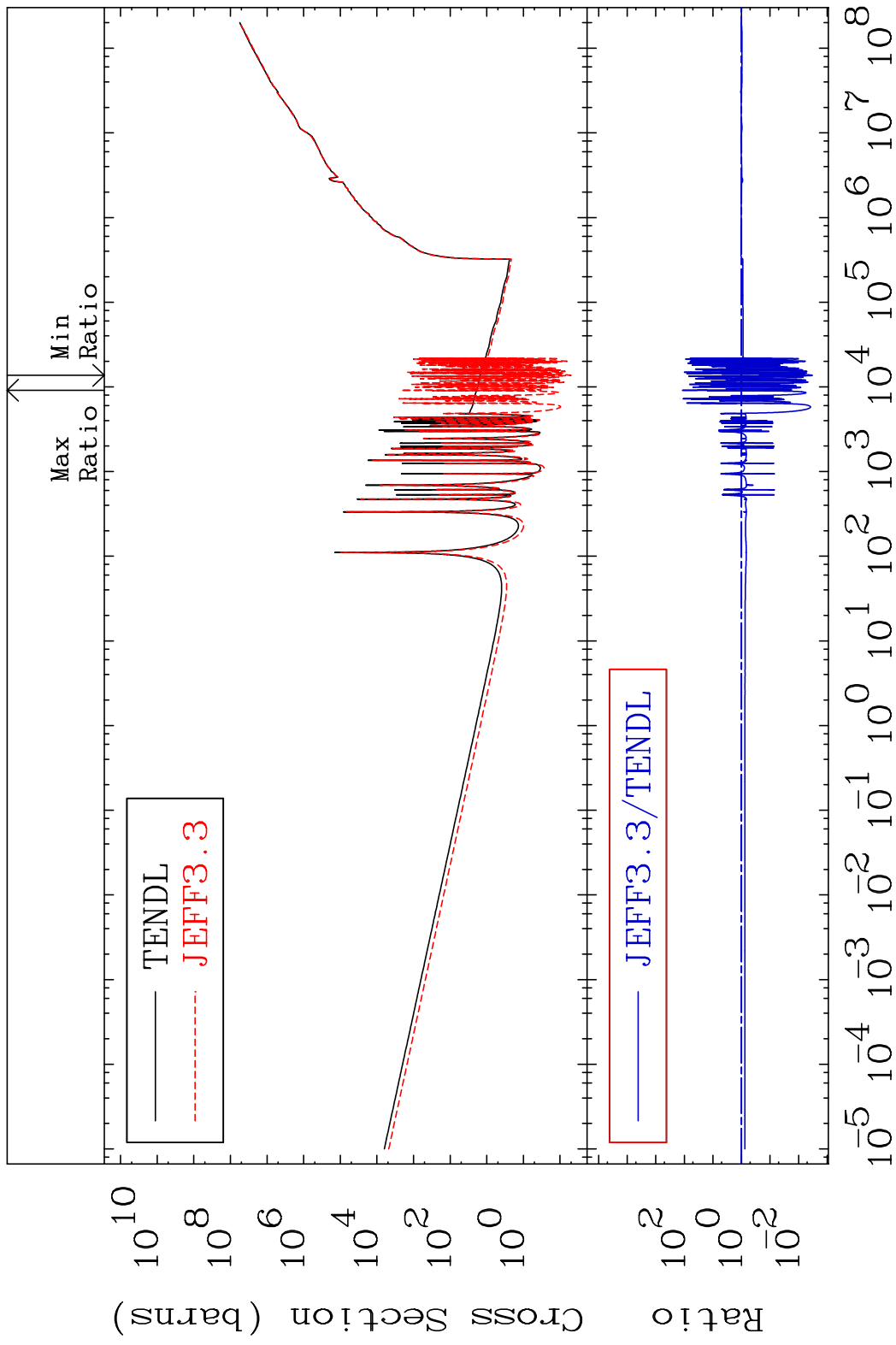


68

Incident Energy (eV)

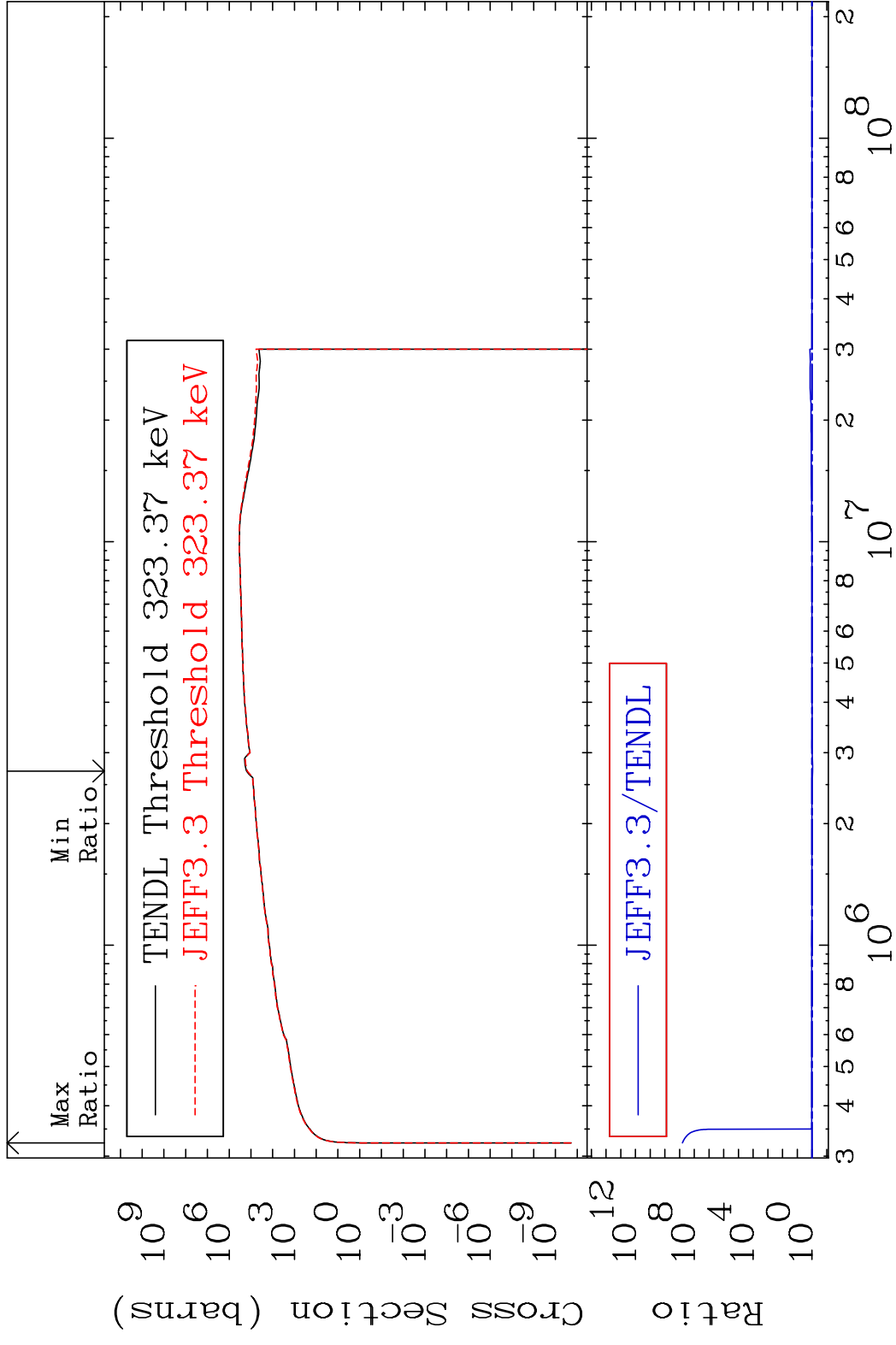
31-Ga-69

MAT 3125 Kerma non-elastic (all but mt2) 31-Ga-69
 Cross Section -99.68 To 9999. %

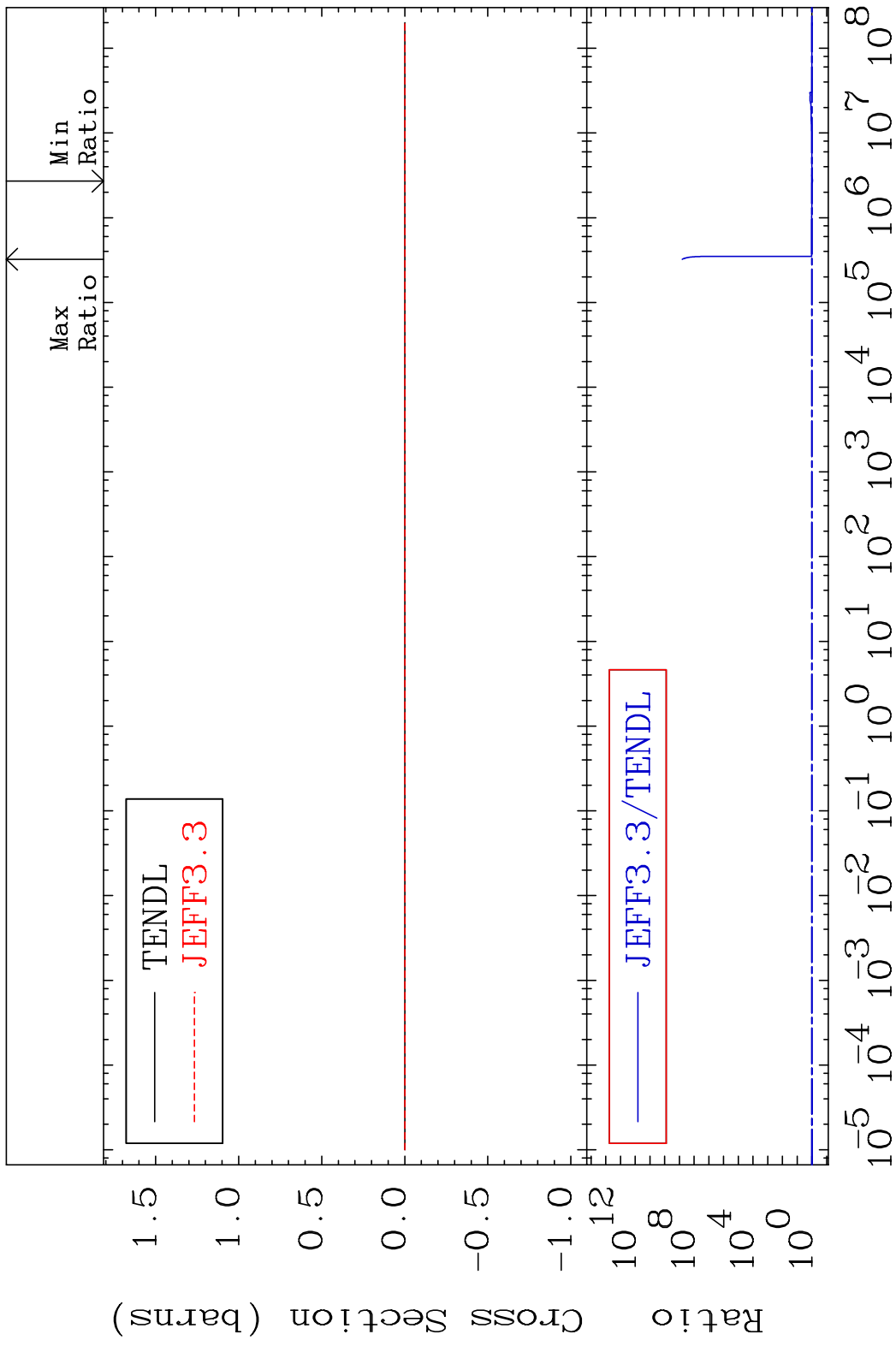


69 Incident Energy (eV) 31-Ga-69

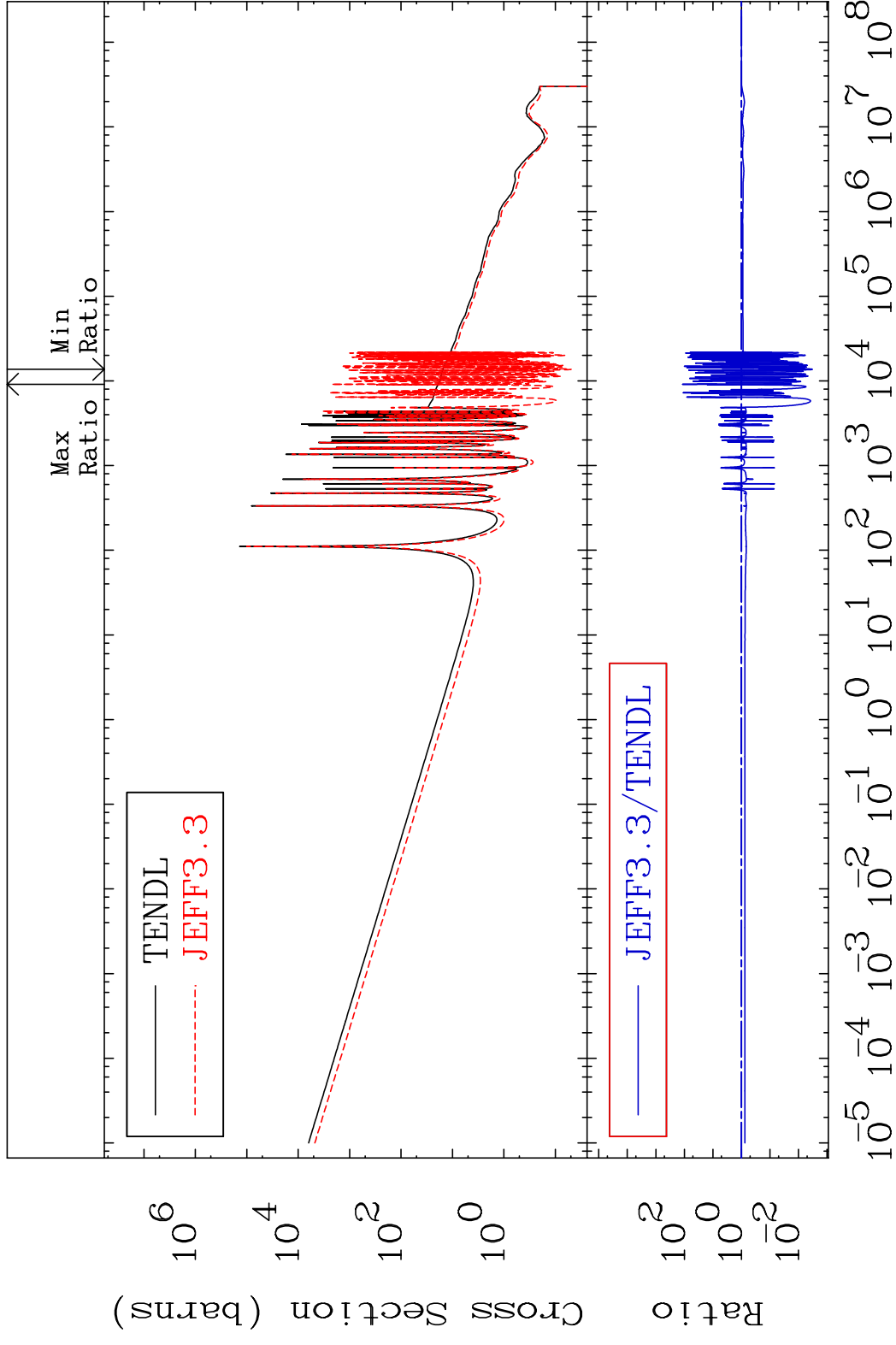
MAT 3125 Kerma inelastic (mt51-91) 31-Ga-69
 Cross Section -8.940 To 9999. %



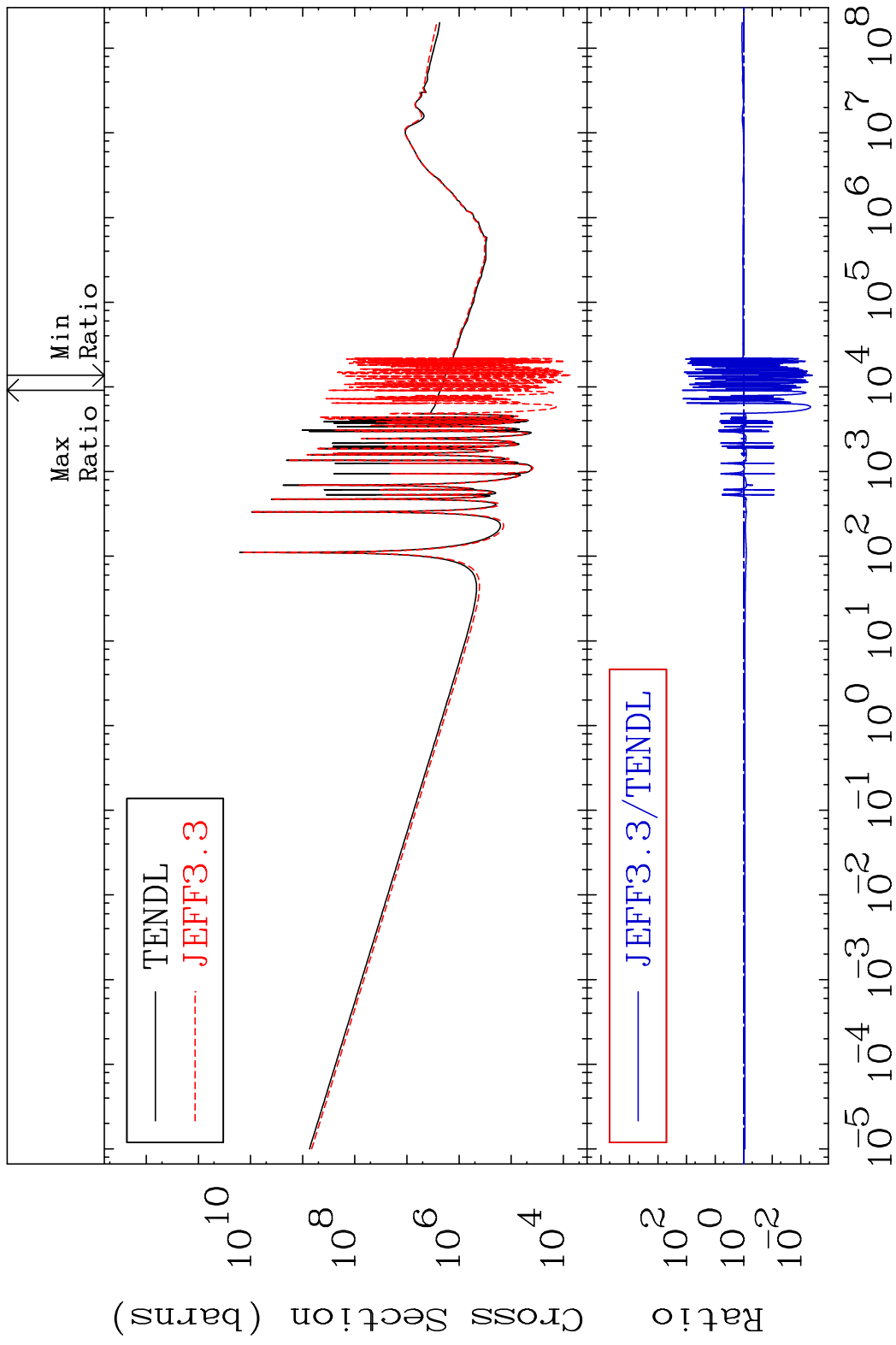
MAT 3125 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-69
 Cross Section -8.940 To 9999. %



MAT 3125 Kerma capture (mt102) 31-Ga-69
 Cross Section -99.68 To 9999. %

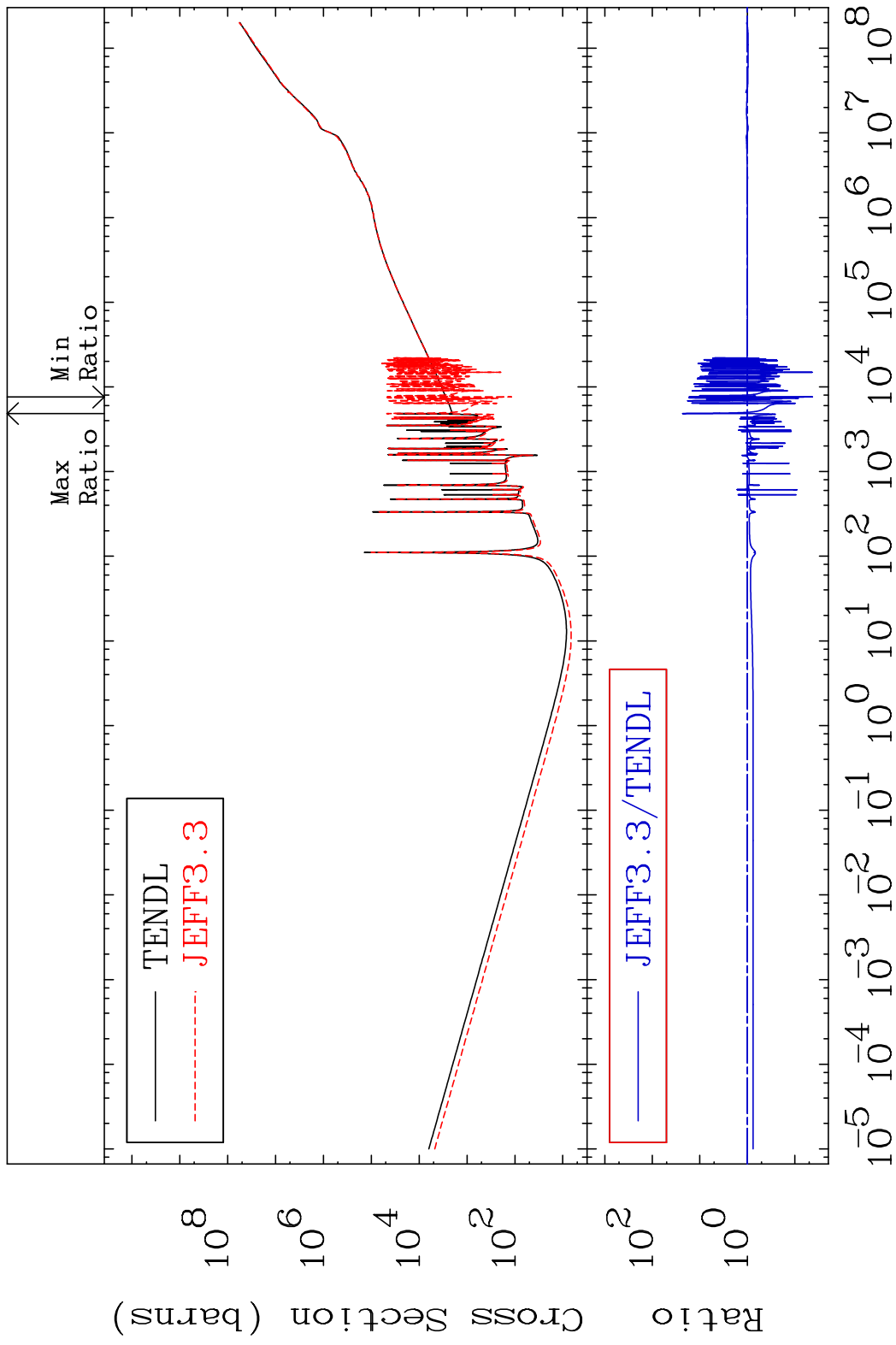


MAT 3125 Total photon (eV-barns) 31-Ga-69
 Cross Section -99.61 To 9999. %



73 Incident Energy (eV) 31-Ga-69

MAT 3125 Total kinematic kerma (high limit) 31-Ga-69
 Cross Section -95.76 To 2230. %

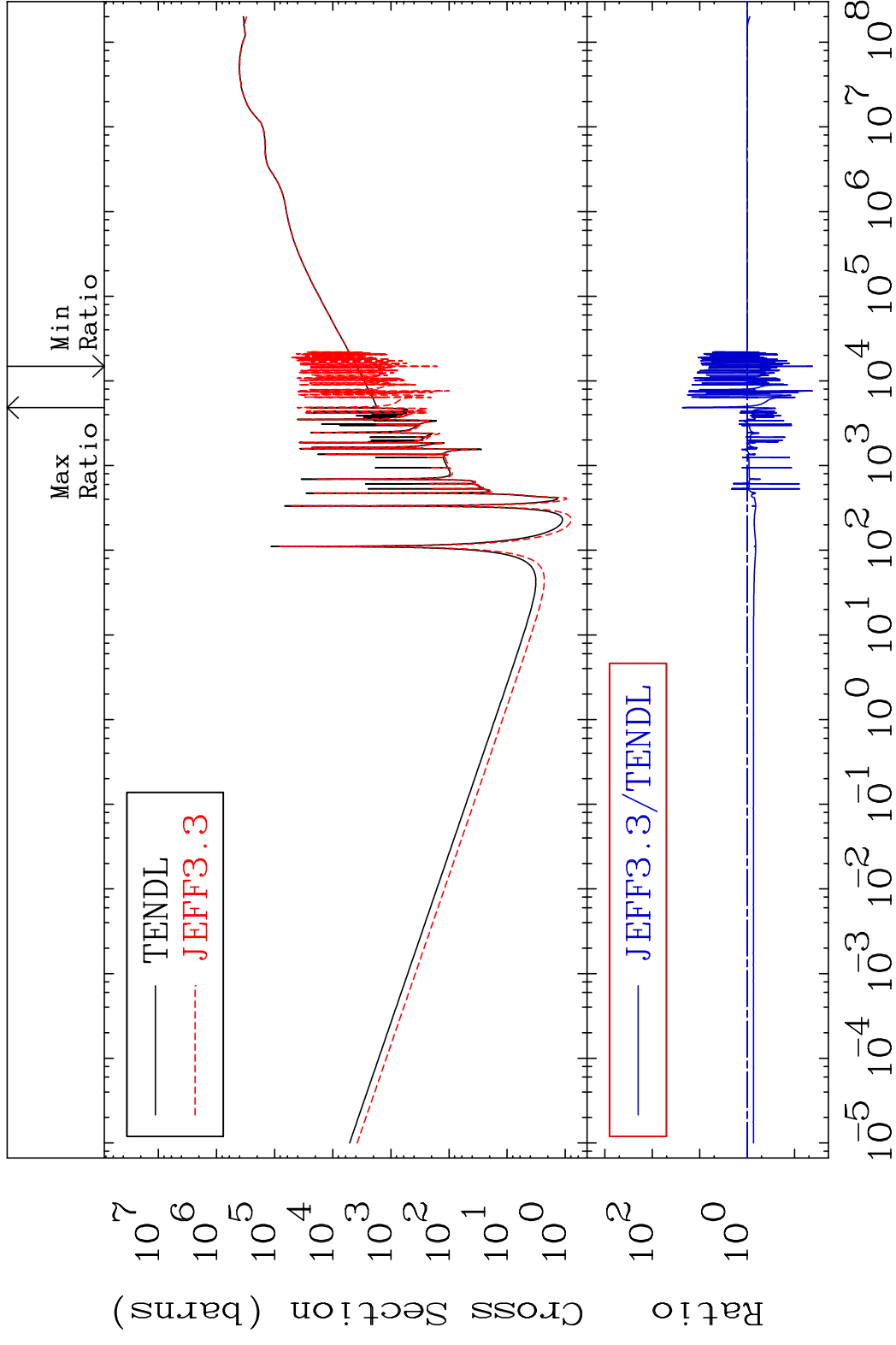


MAT 3125

Dpa total (eV-barns)

31-Ga-69

Cross Section -95.80 To 2231. %



75

Incident Energy (eV)

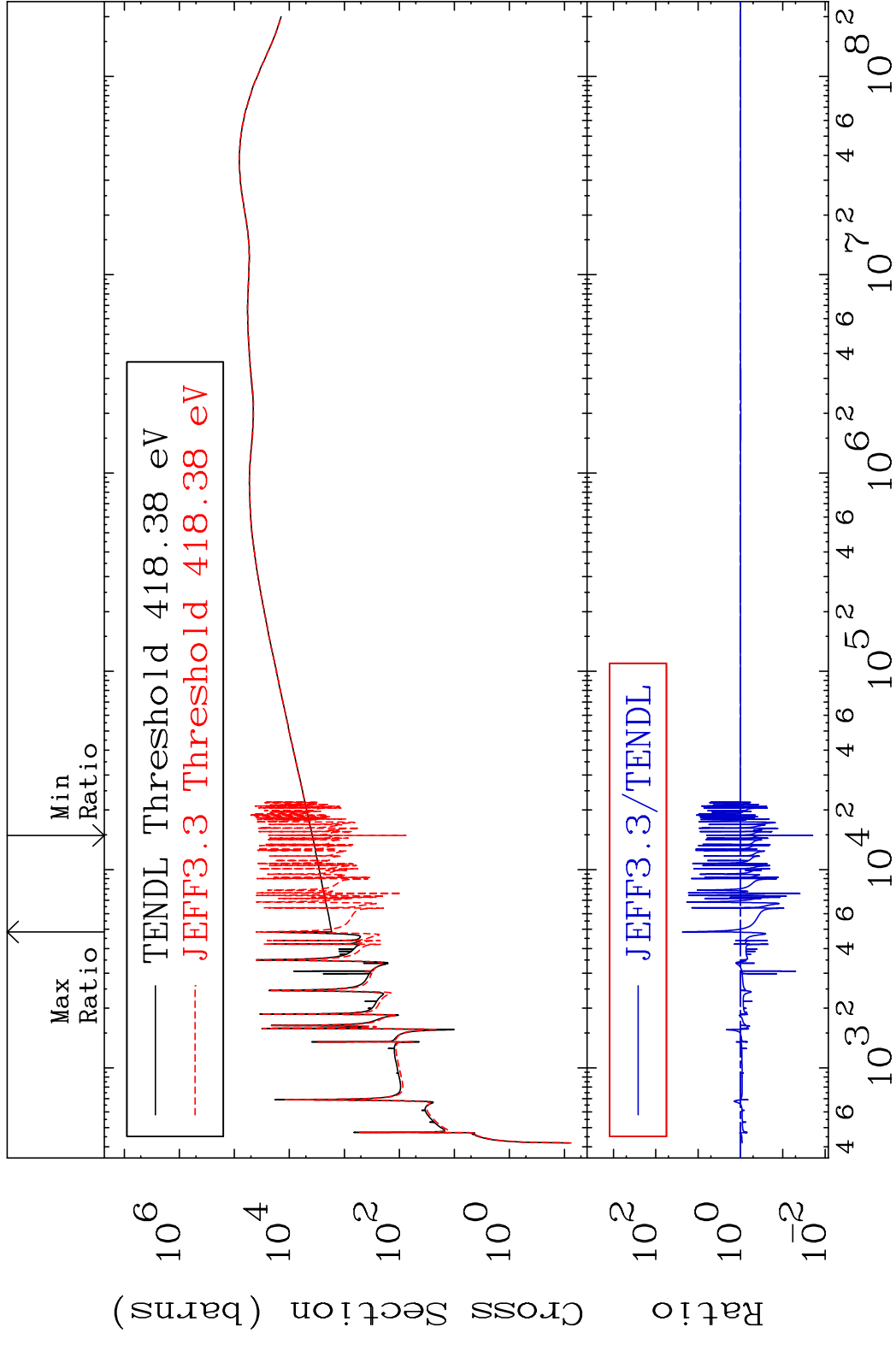
31-Ga-69

MAT 3125

Dpa elastic (mt2)

31-Ga-69

Cross Section -98.02 To 2257. %

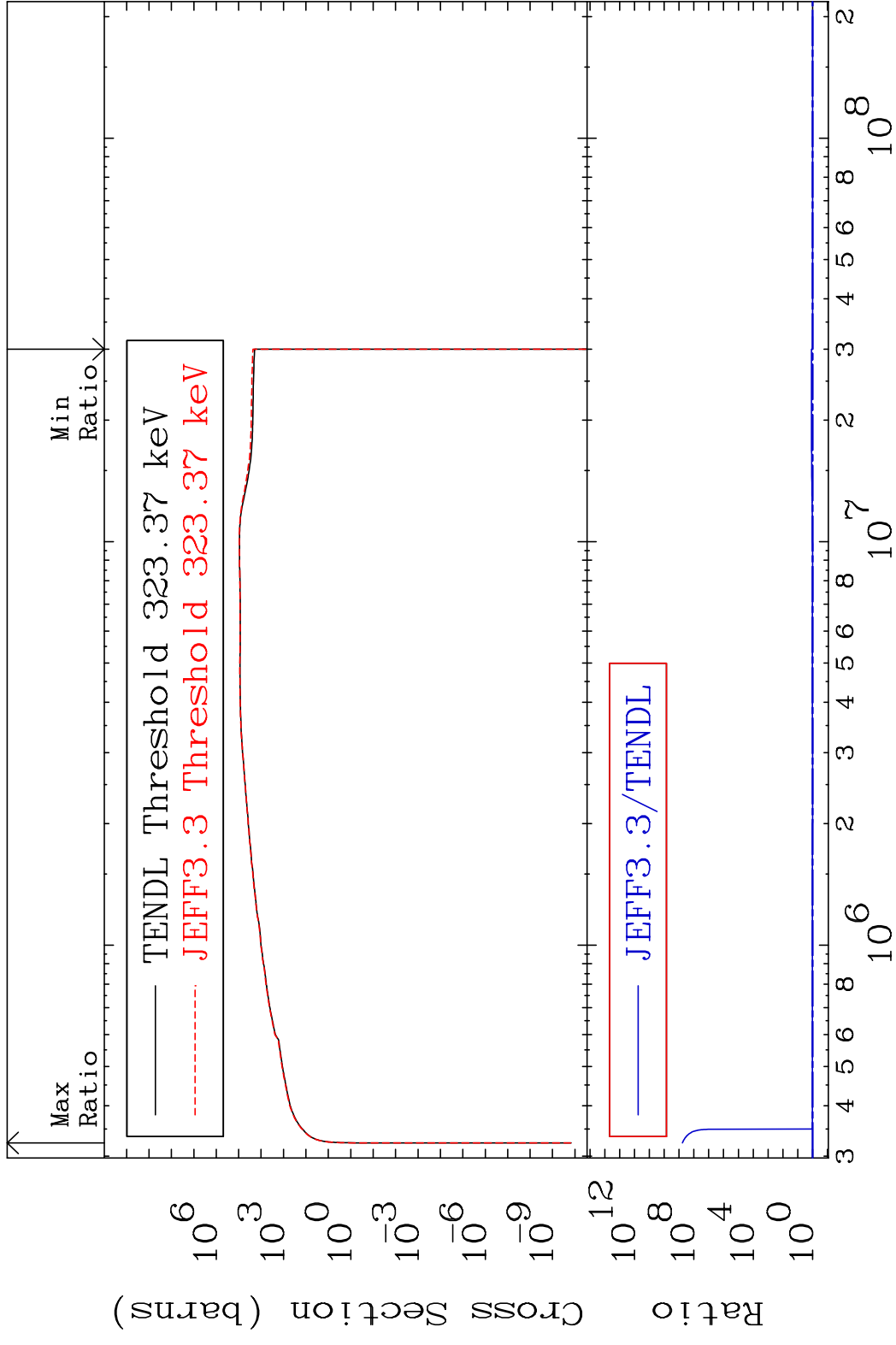


76

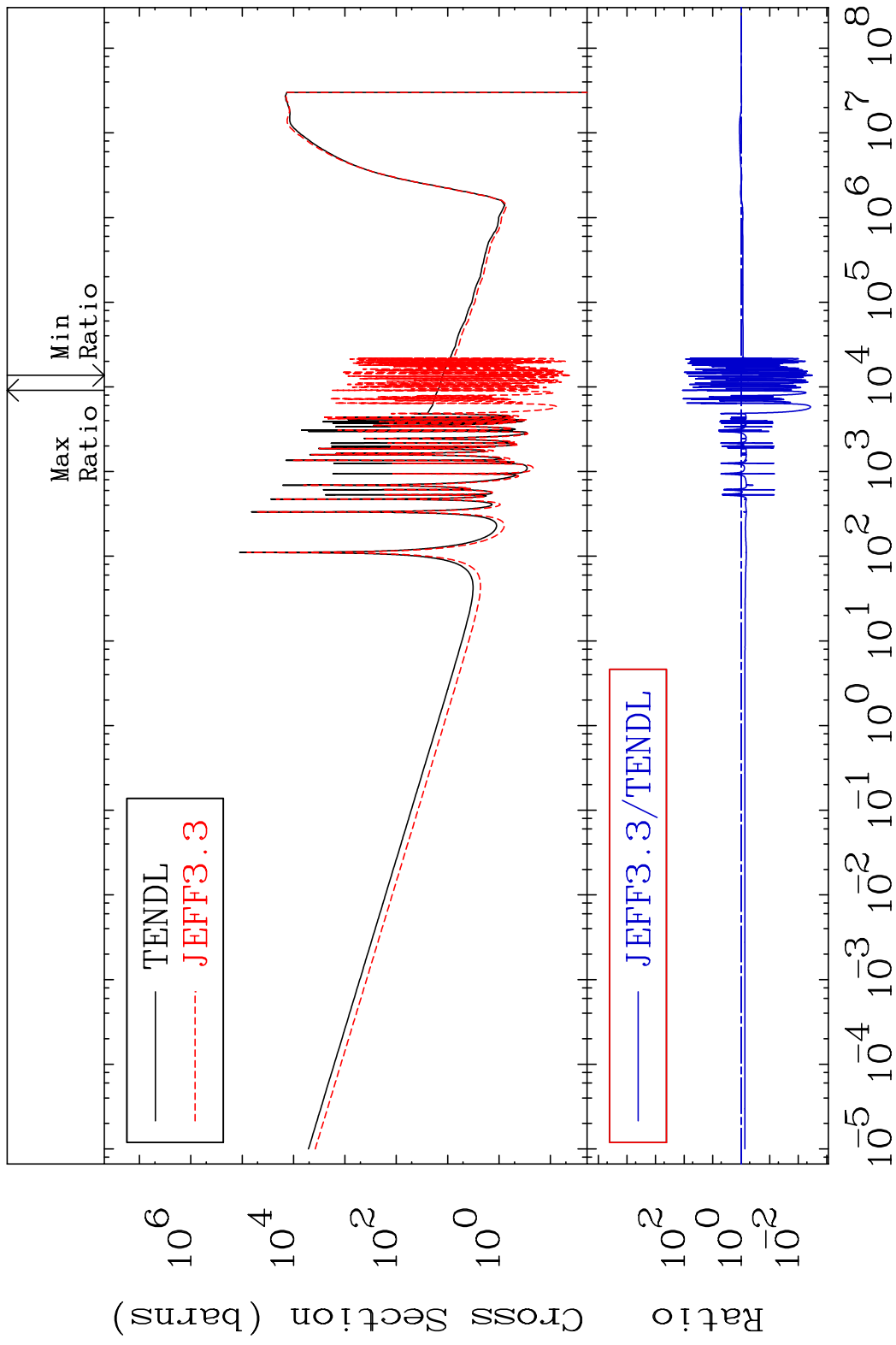
Incident Energy (eV)

31-Ga-69

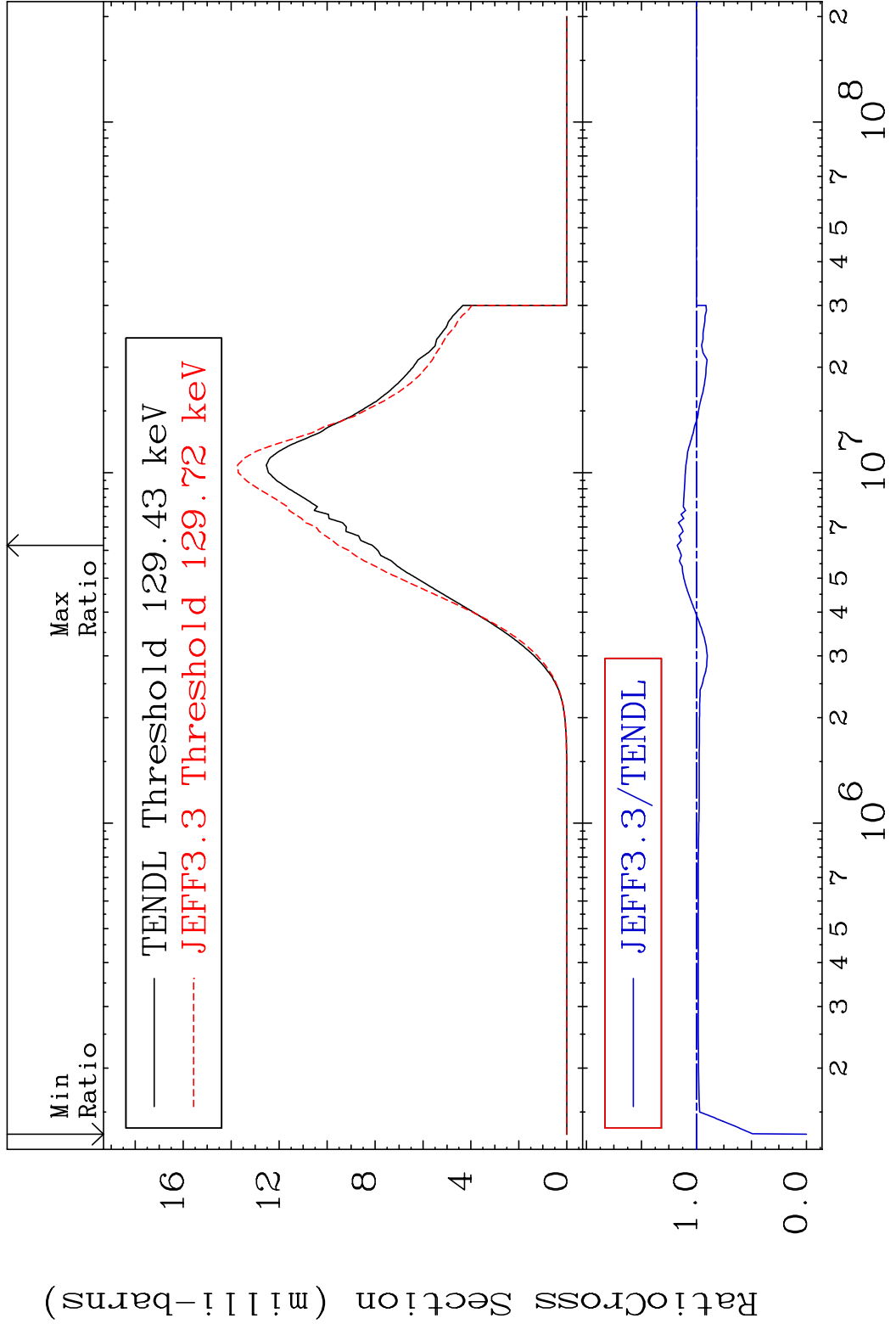
MAT 3125 Dpa inelastic (mt51-91) 31-Ga-69
 Cross Section 0.000 To 9999. %



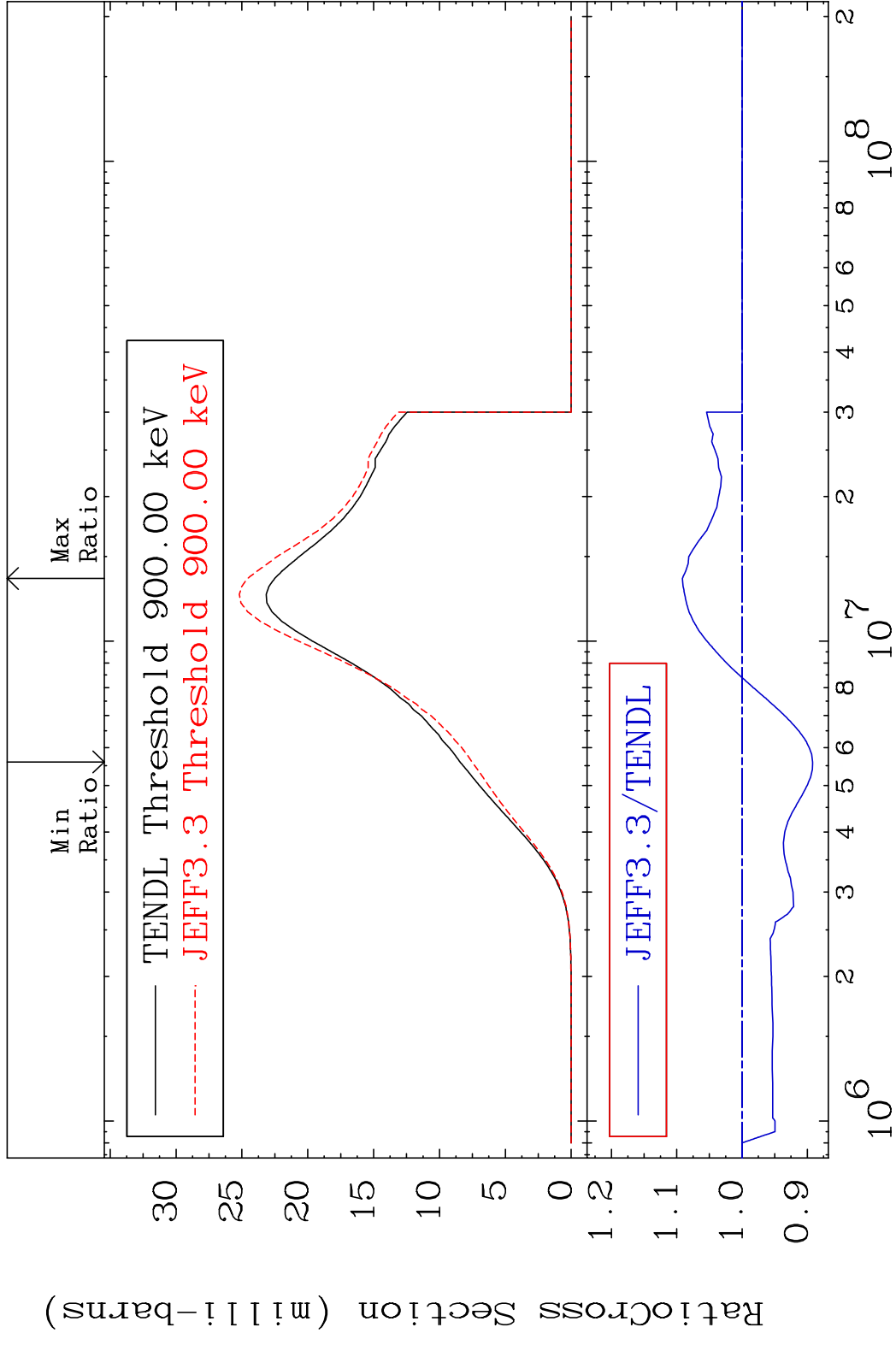
MAT 3125 Dpa disappearance (mt102 -120) 31-Ga-69
 Cross Section -99.68 To 9999. %



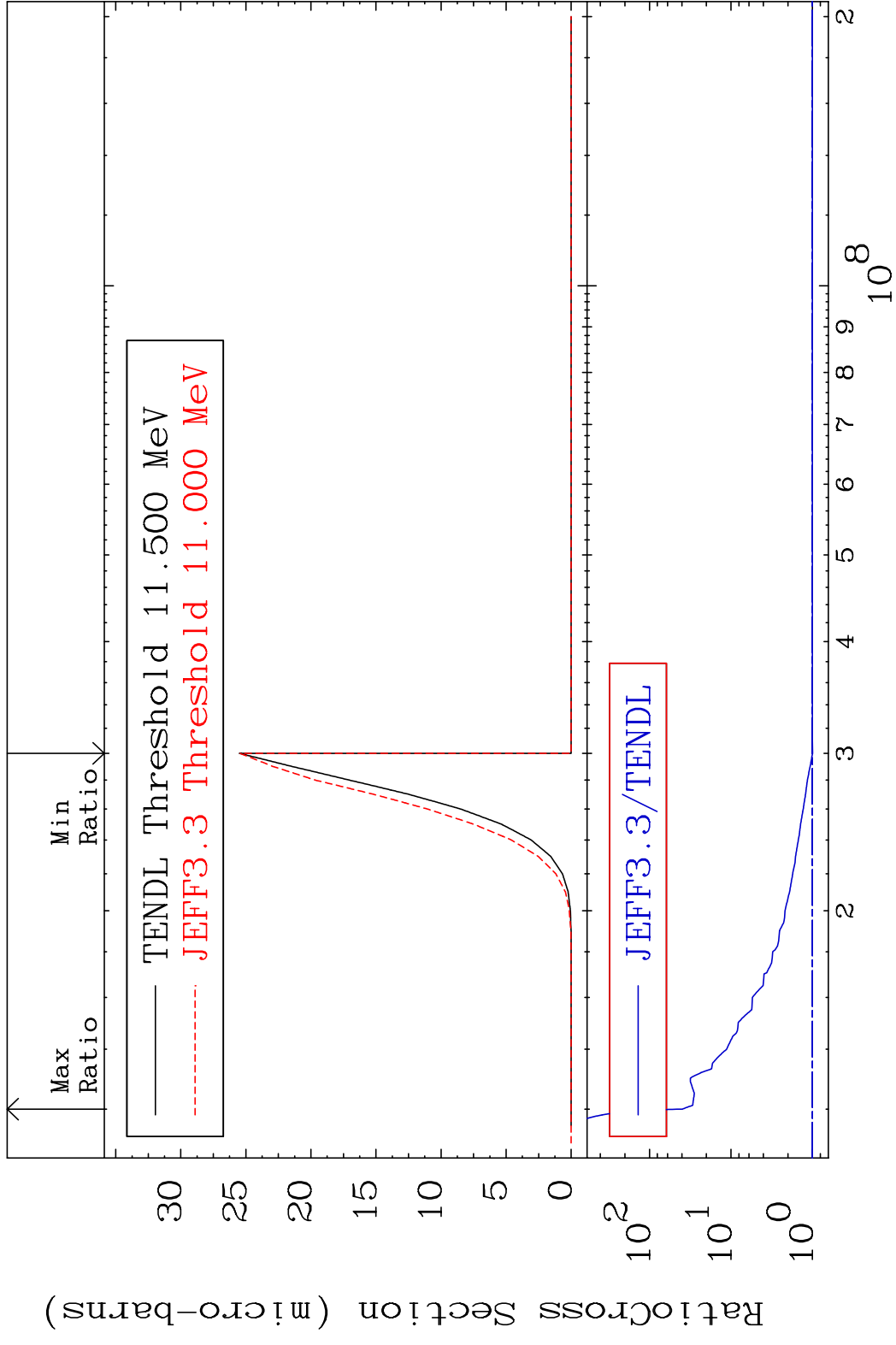
MAT 3125 (n, p) : 30-Zn-69g 31-Ga-69
 Radionuclide Production Cross Section 1800 d 17.50 %

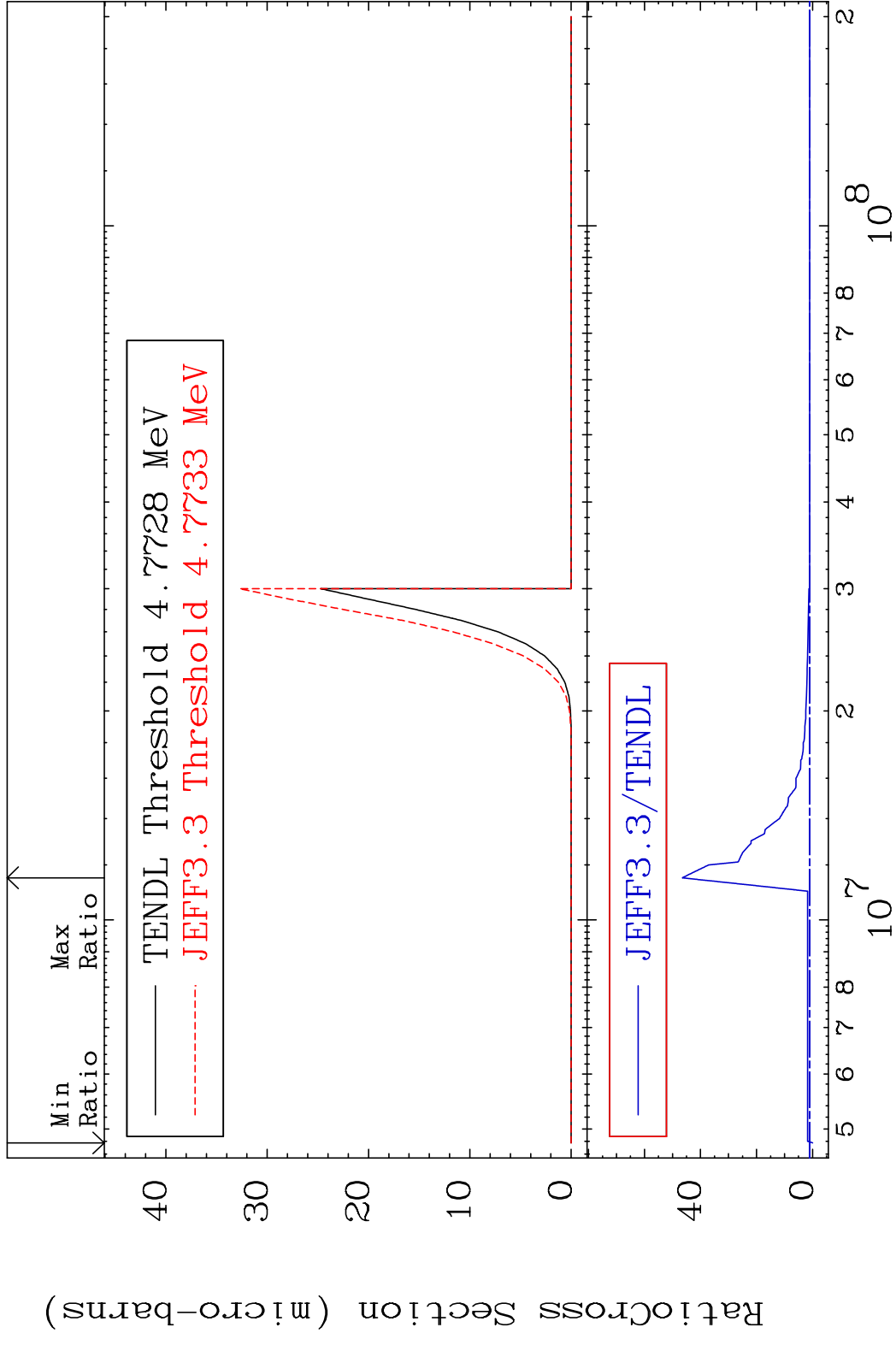


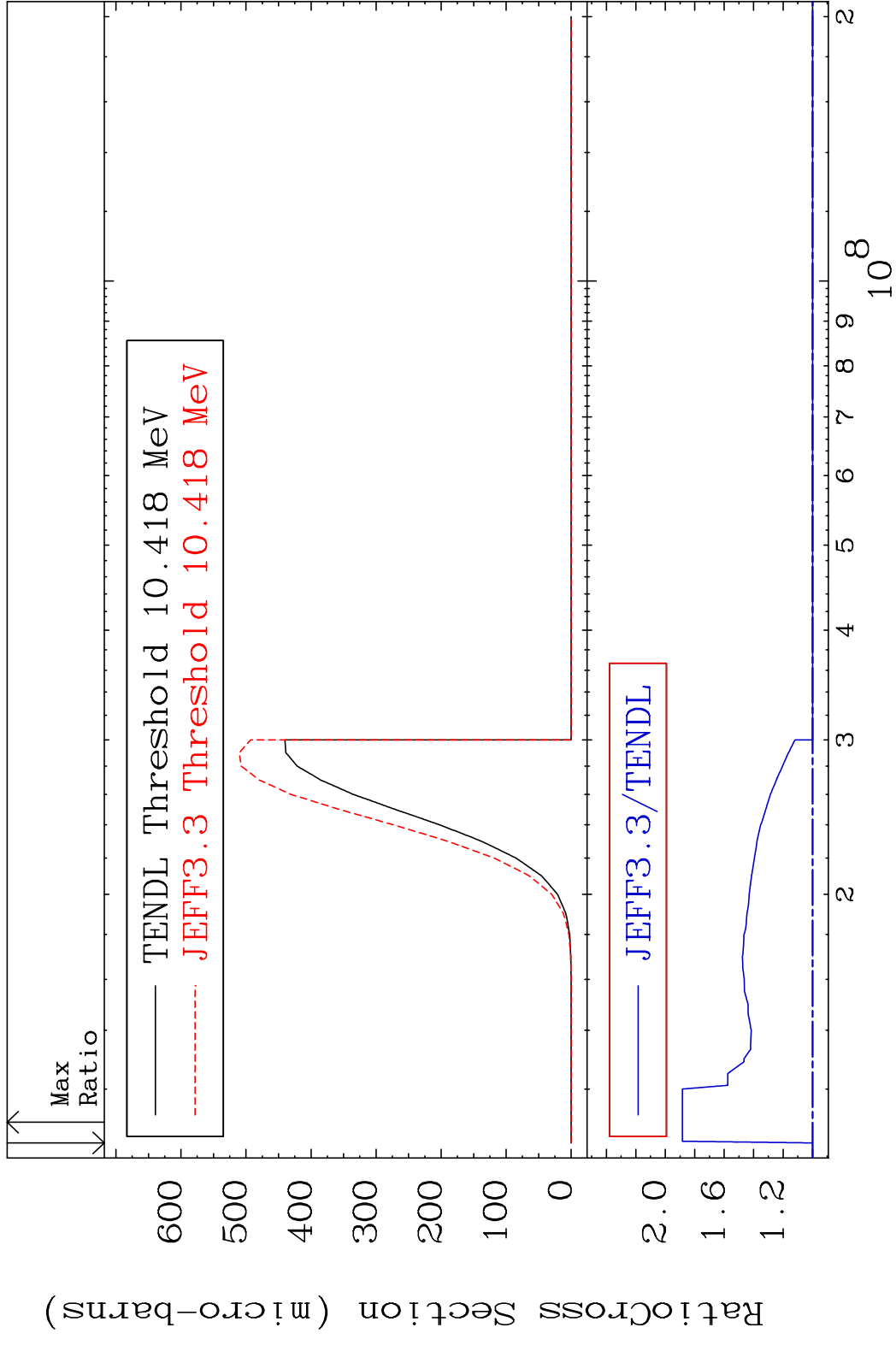
MAT 3125 (n,p):30-Zn-69m1 31-Ga-69
 Radionuclide Production Cross Section Ratio 9.141 %



80 Incident Energy (eV) 31-Ga-69







MAT 3125 (n,2p):29-Cu-68m3 31-Ga-69
 Radionuclide Production Cross Section 115.0 %

