

Program Complot
(Version 2021-1)

by

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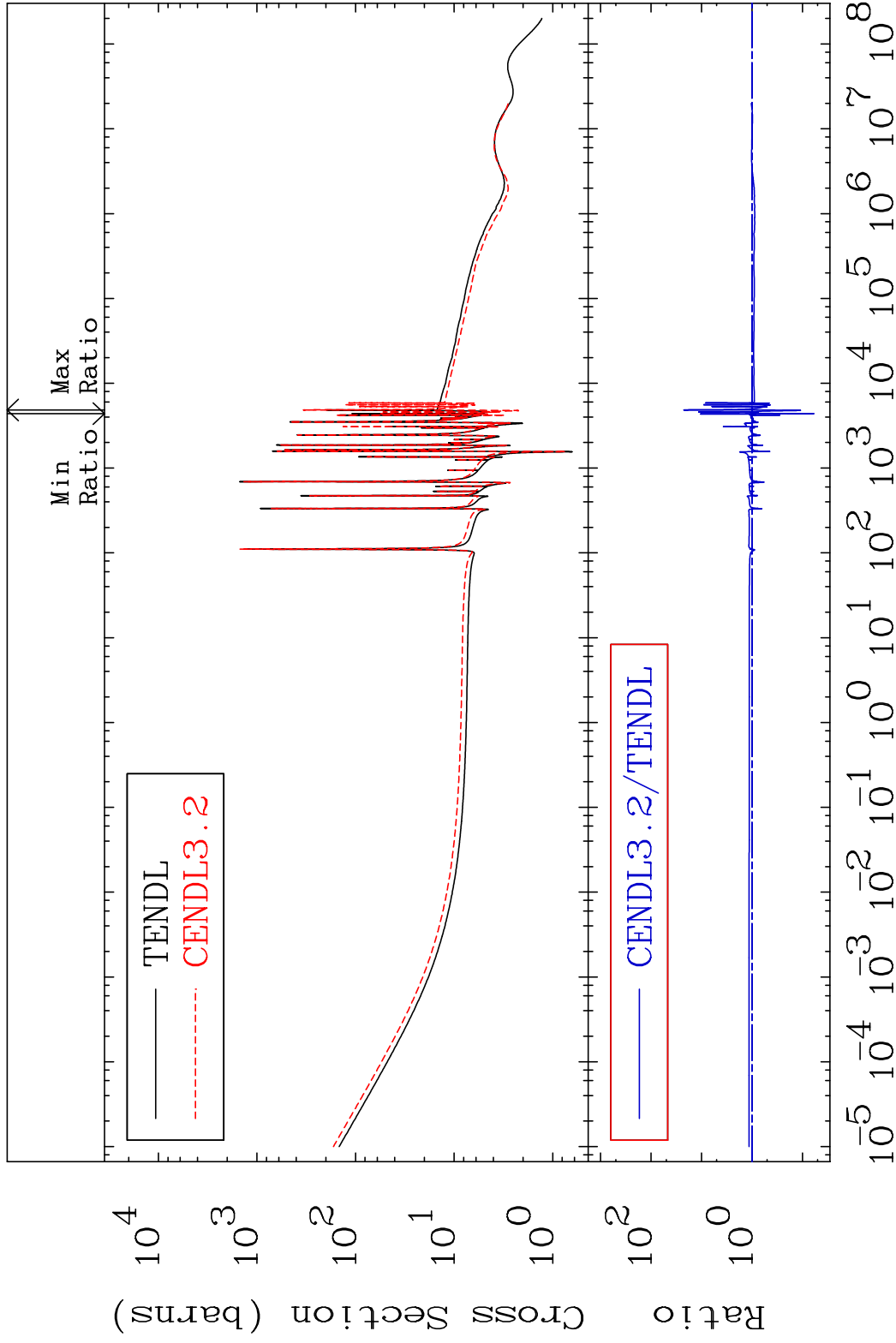
Press Mouse Button to Start

MAT 3125

Total

31-Ga-69

Cross Section -94.13 To 2157. %



1

Incident Energy (eV)

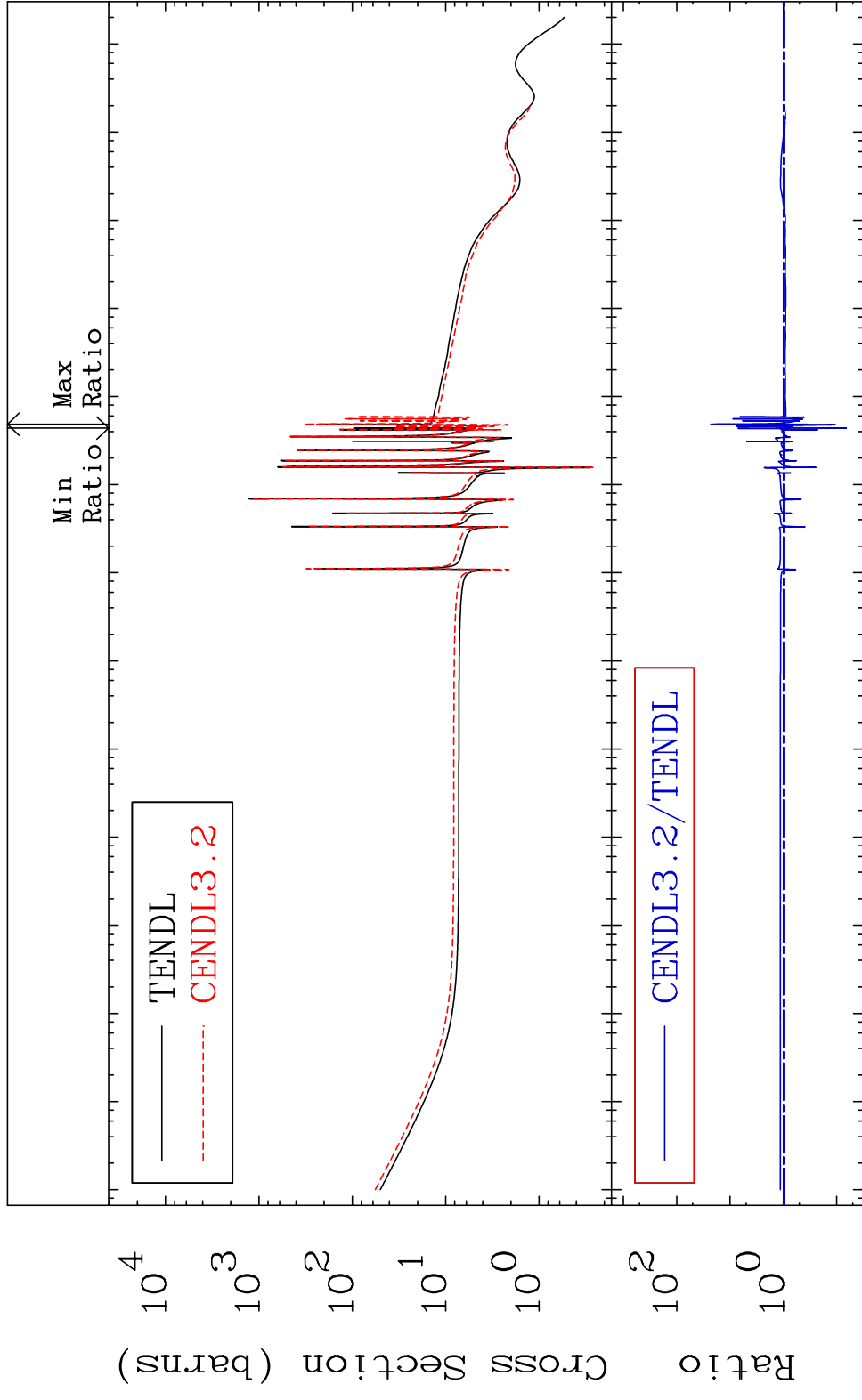
31-Ga-69

MAT 3125

Elastic

31-Ga-69

Cross Section -93.41 To 2200. %



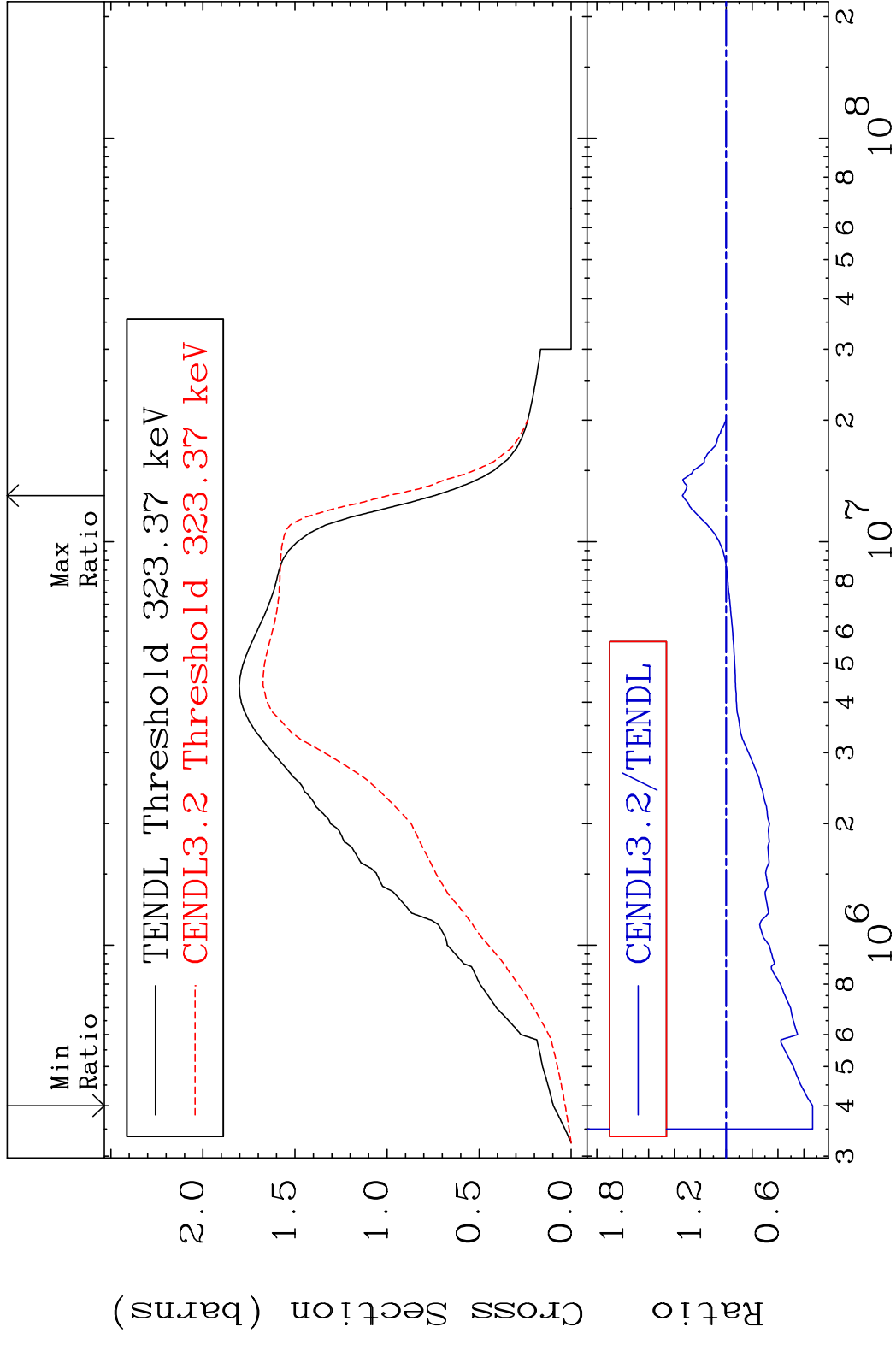
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

31-Ga-69

MAT 3125 Inelastic 31-Ga-69
 Cross Section -66.73 To 33.91 %



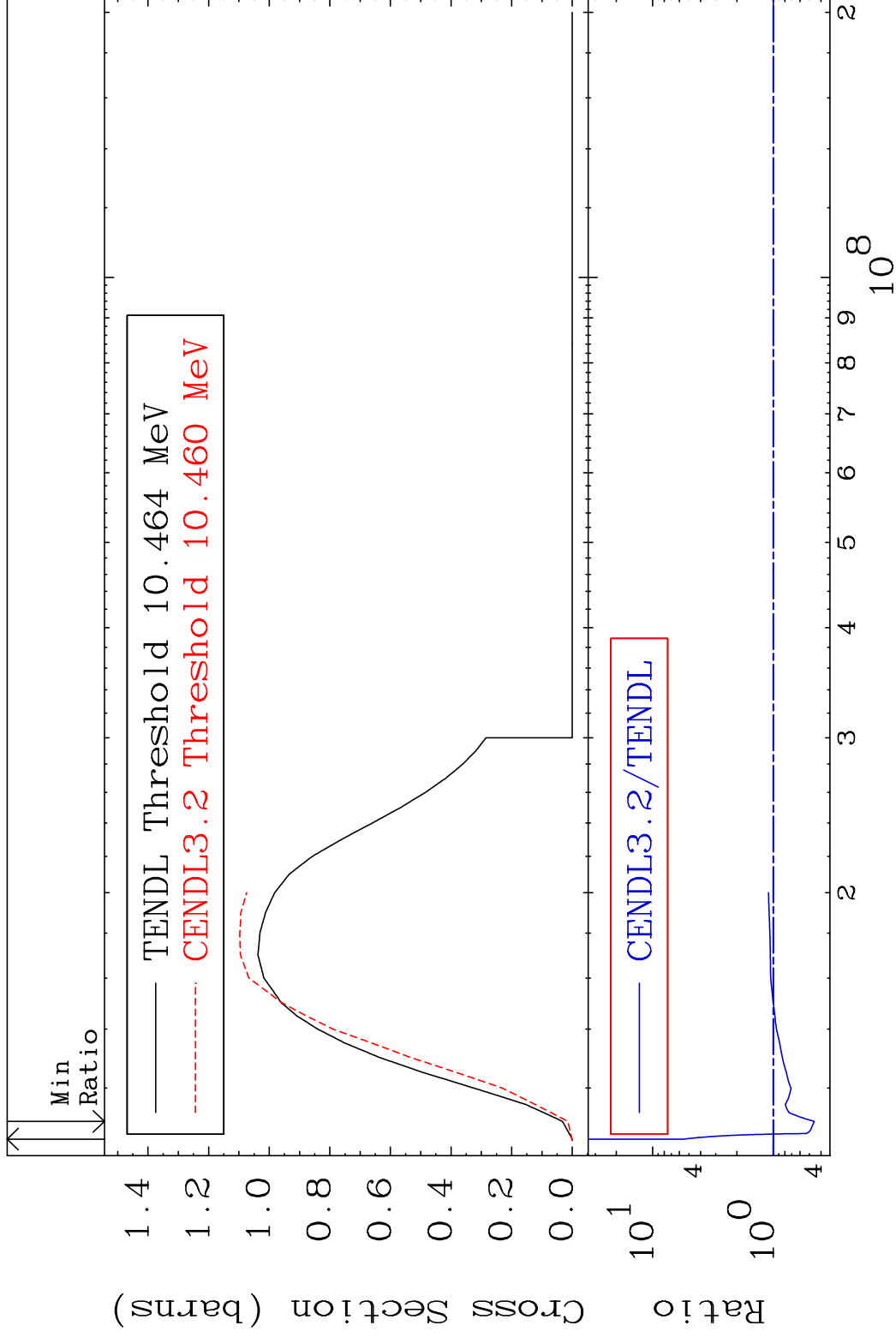
3 Incident Energy (eV) 31-Ga-69

MAT 3125

(n,2n)

31-Ga-69

Cross Section -54.28 To 453.0 %



4

Incident Energy (eV)

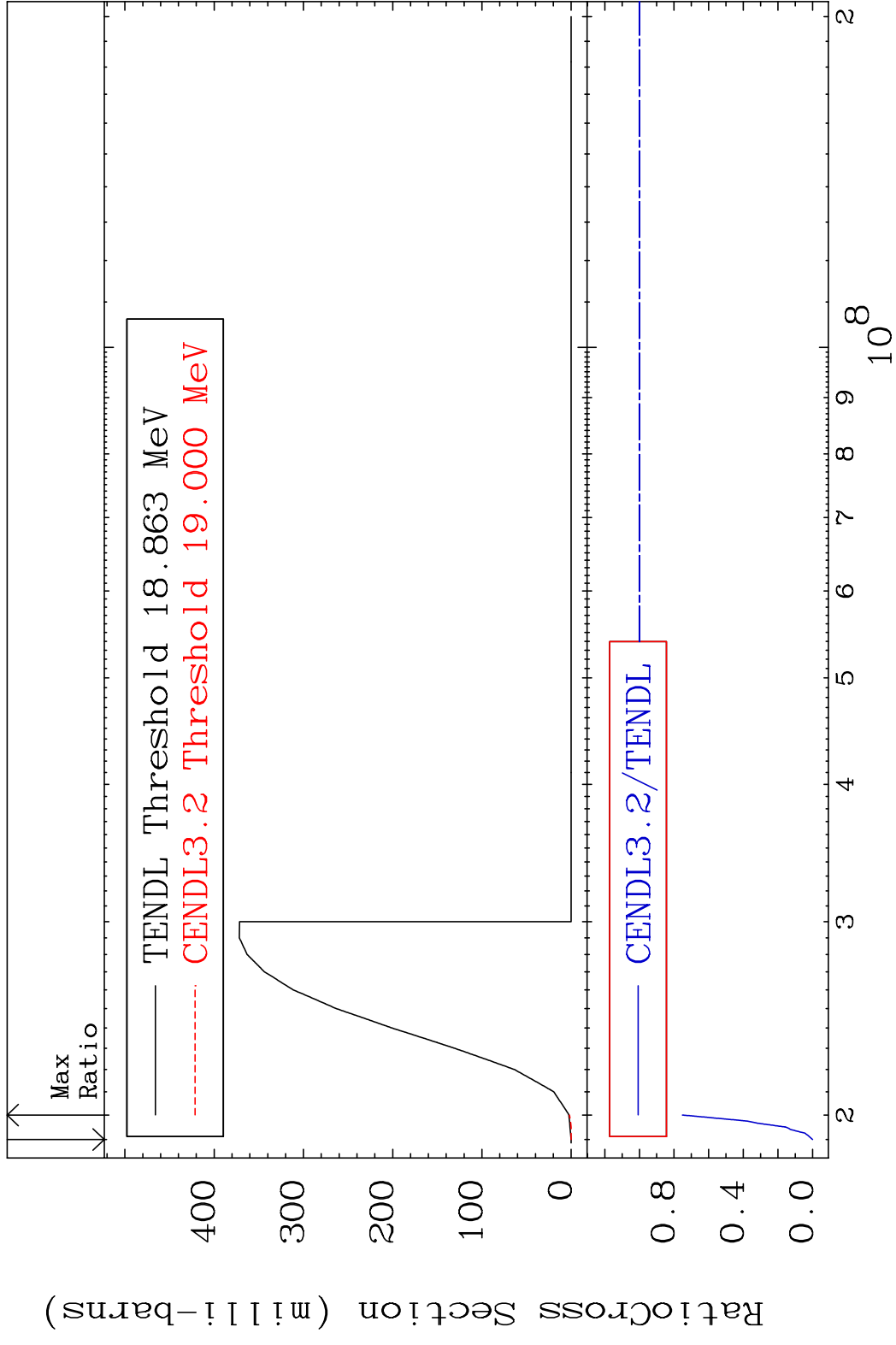
31-Ga-69

MAT 3125

(n,3n)

31-Ga-69

Cross Section -100.0 To -24.80%

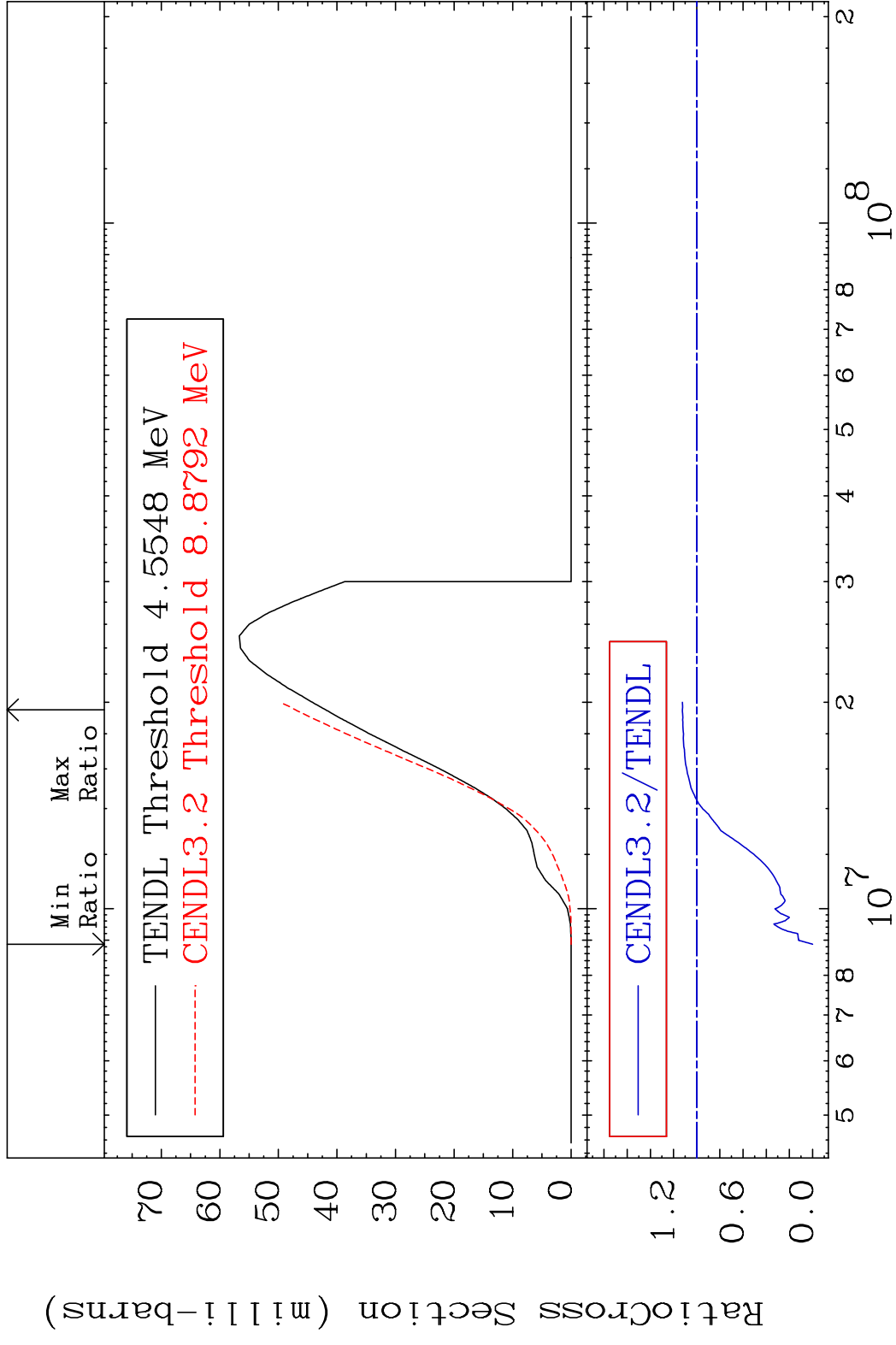


5

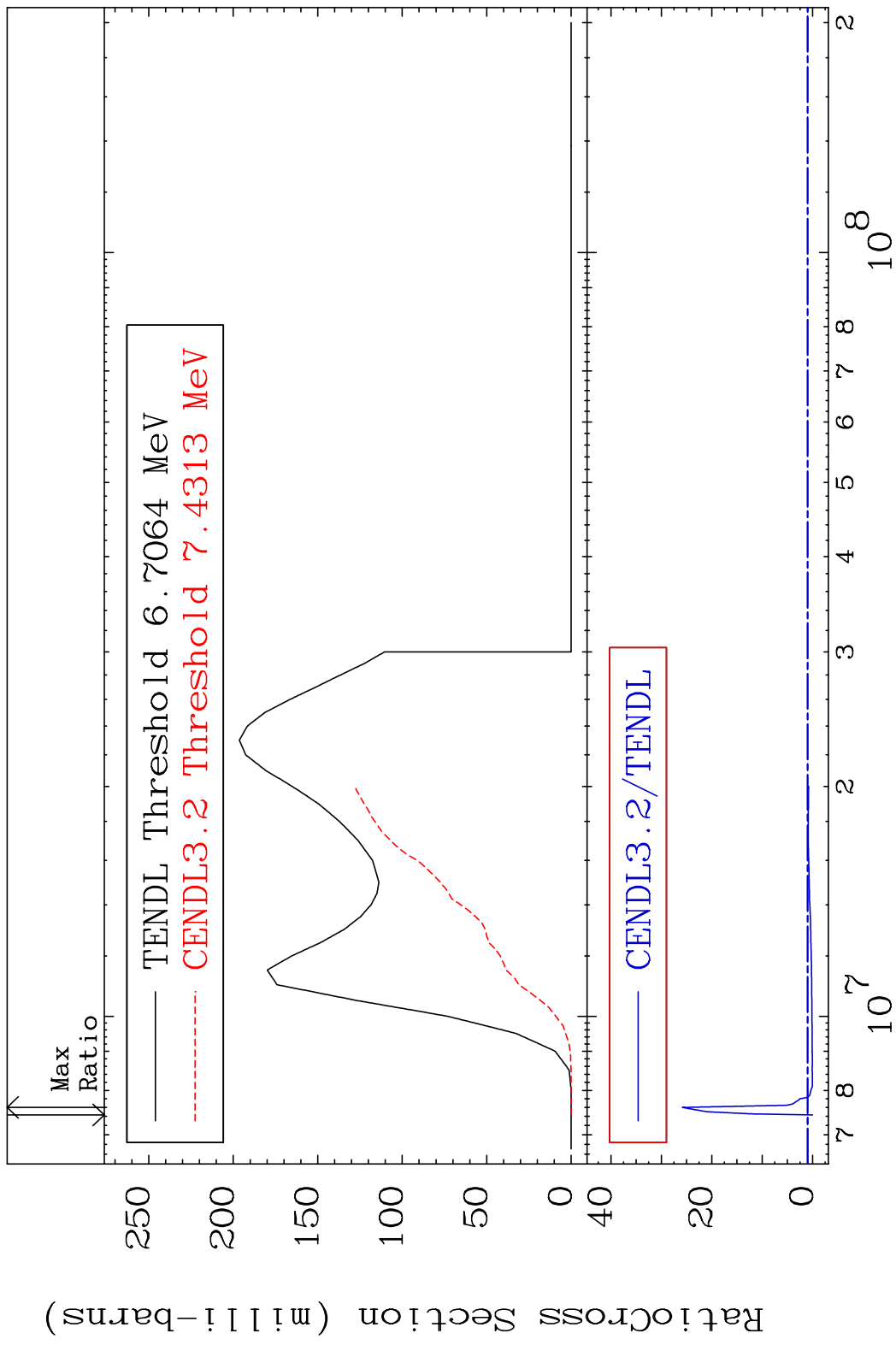
Incident Energy (eV)

31-Ga-69

MAT 3125 (n, n') α 31-Ga-69
 Cross Section -100.0 To 12.39 %

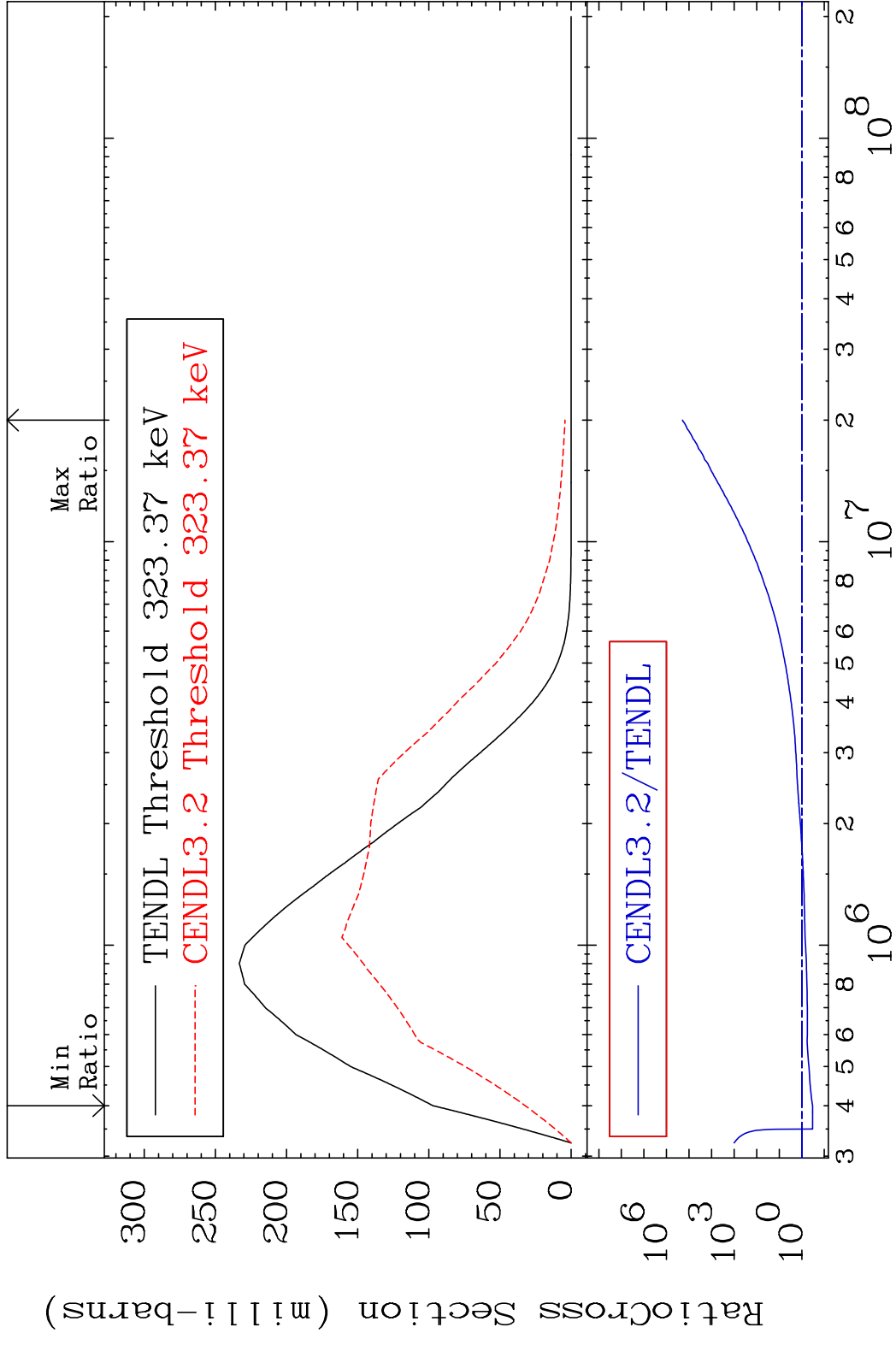


MAT 3125 (n, n') p 31-Ga-69
 Cross Section -100.0 To 2483. %

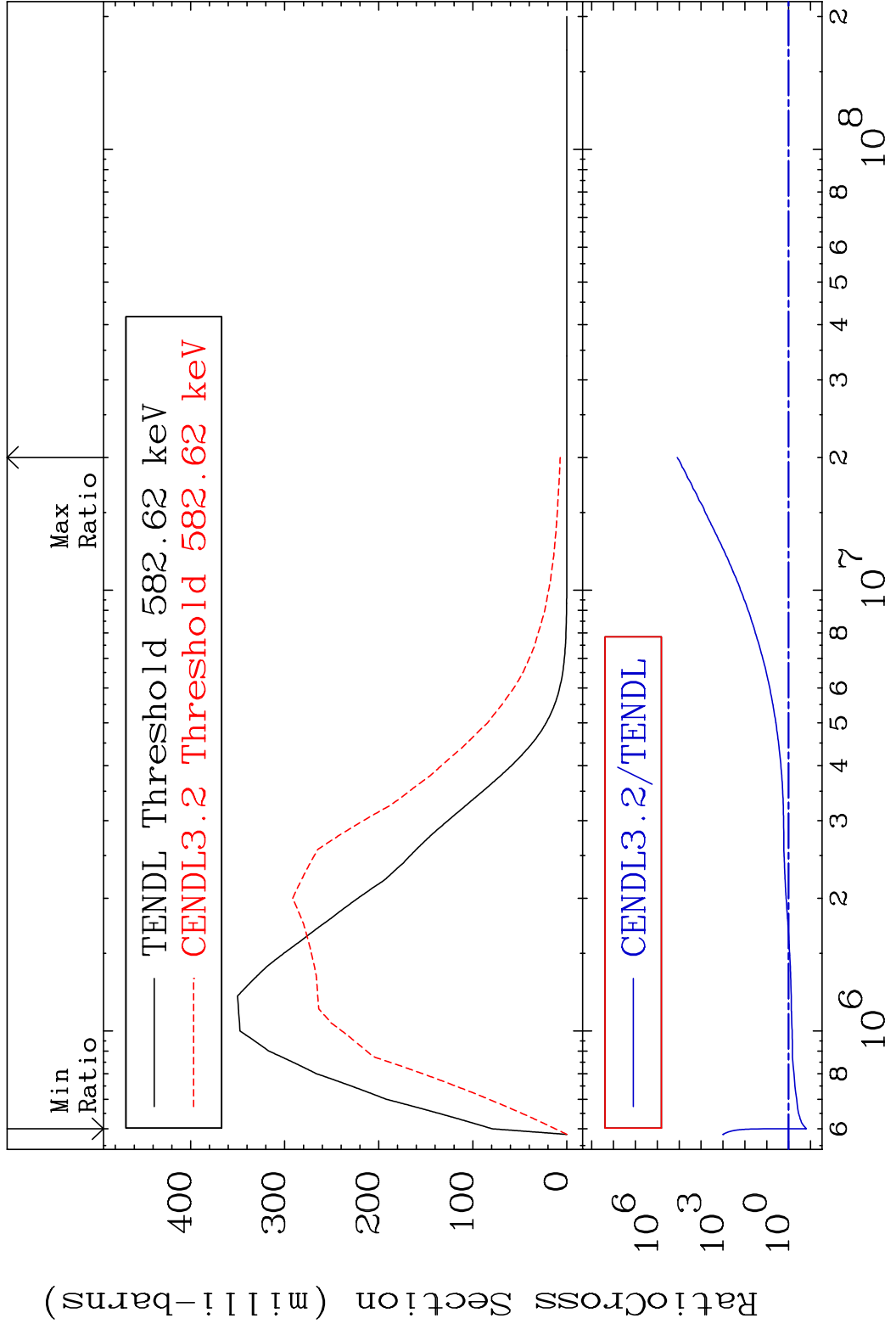


7 Incident Energy (eV) 31-Ga-69

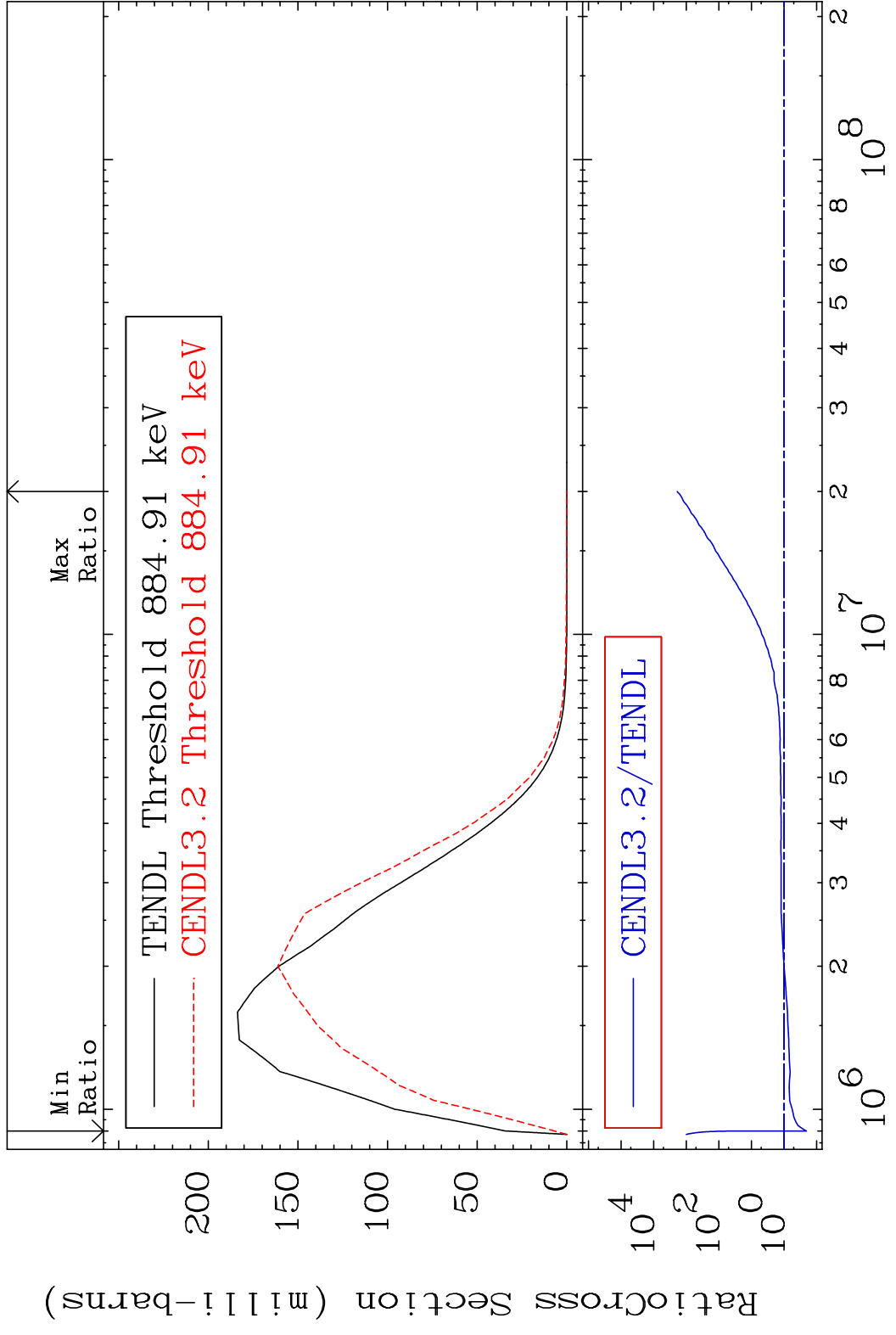
MAT 3125 MT= 51 (n,n') Level 31-Ga-69
 Cross Section -66.73 To 9999. %



MAT 3125 MT= 52 (n, n') Level 31-Ga-69
 Cross Section -84.53 To 9999. %

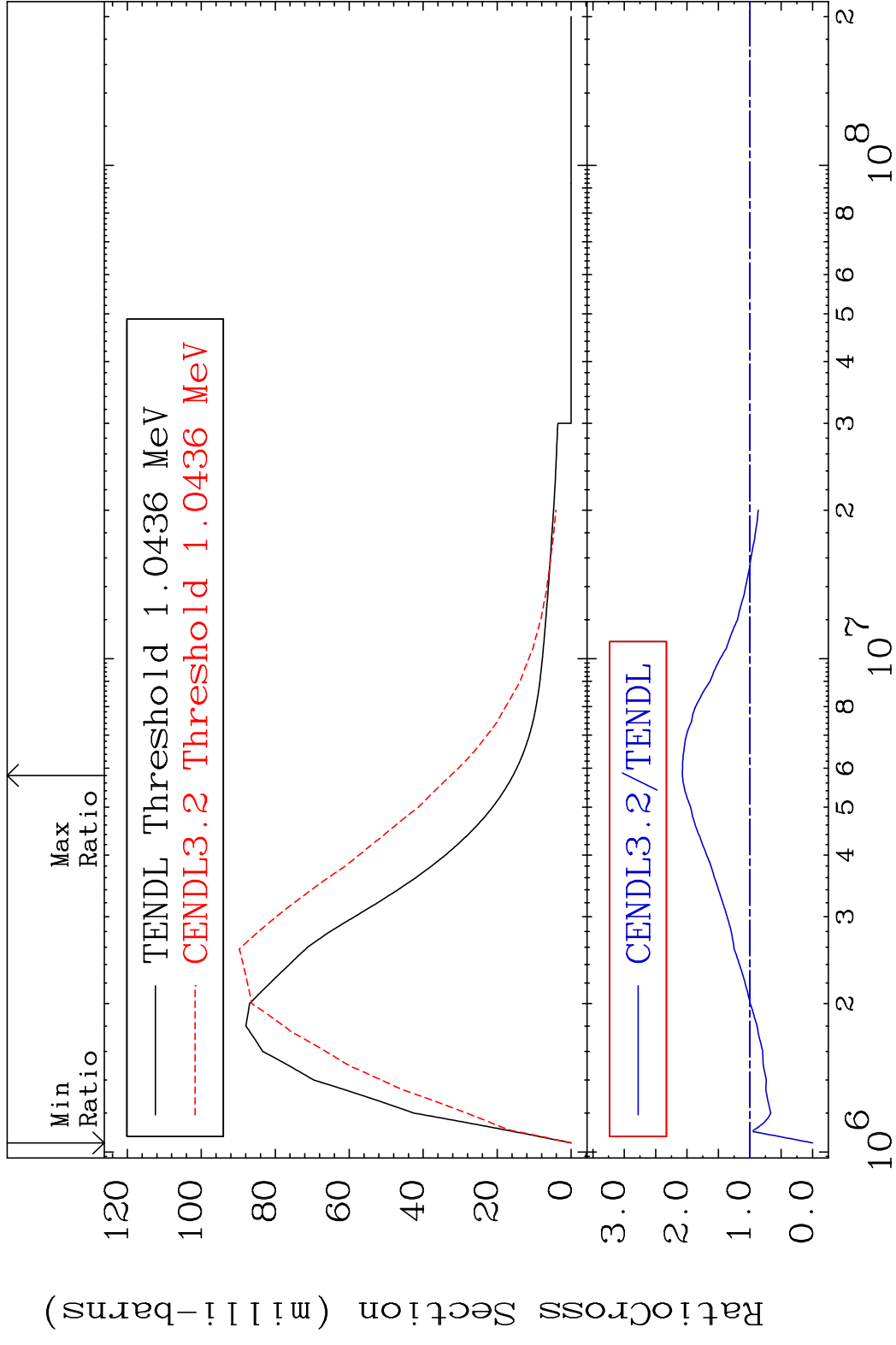


MAT 3125 MT= 53 (n, n') Level 31-Ga-69
 Cross Section -79.36 To 9999. %



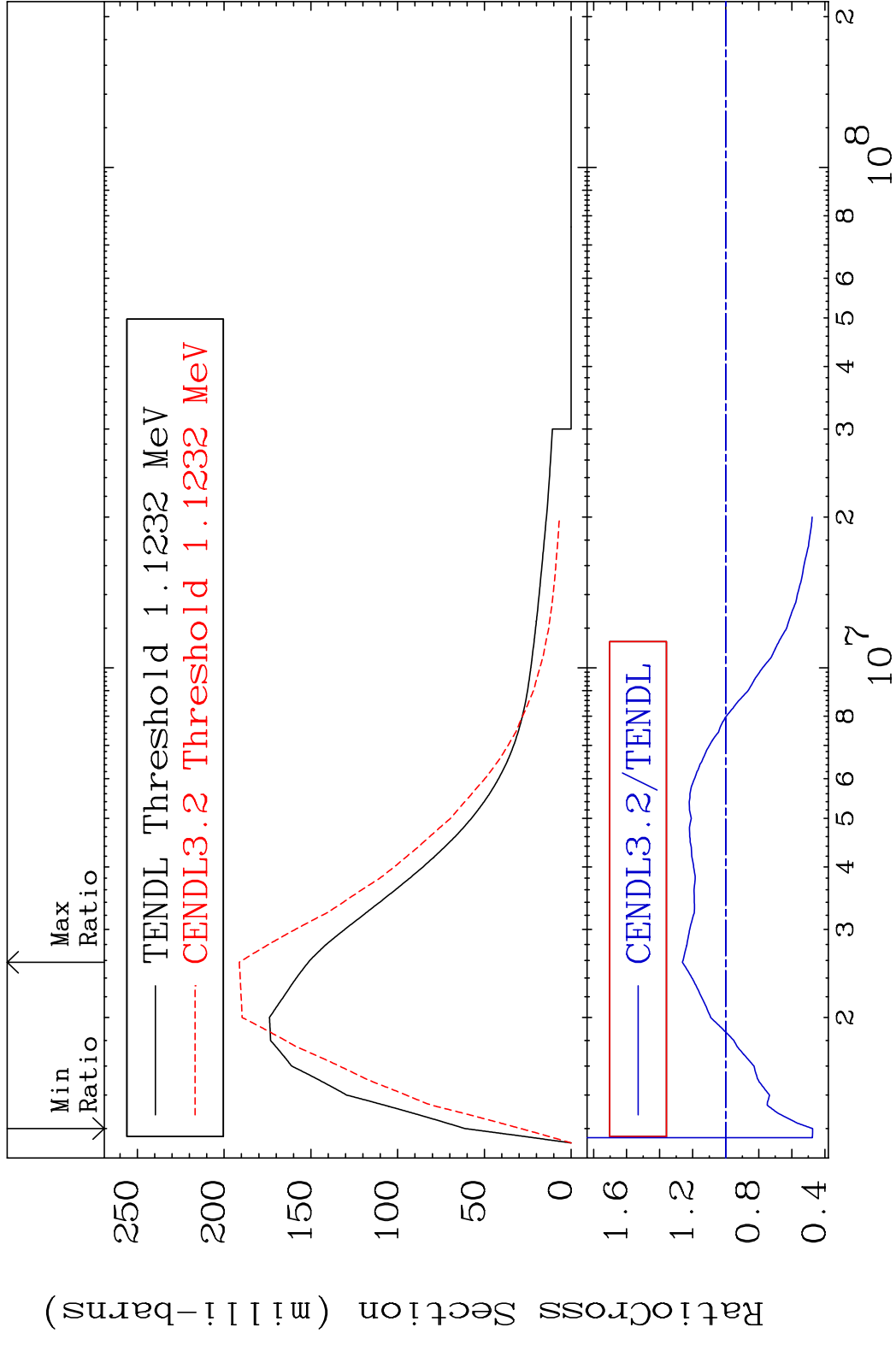
10 10 31-Ga-69

MAT 3125 MT= 54 (n,n') Level 31-Ga-69
 Cross Section -100.0 To 107.5 %

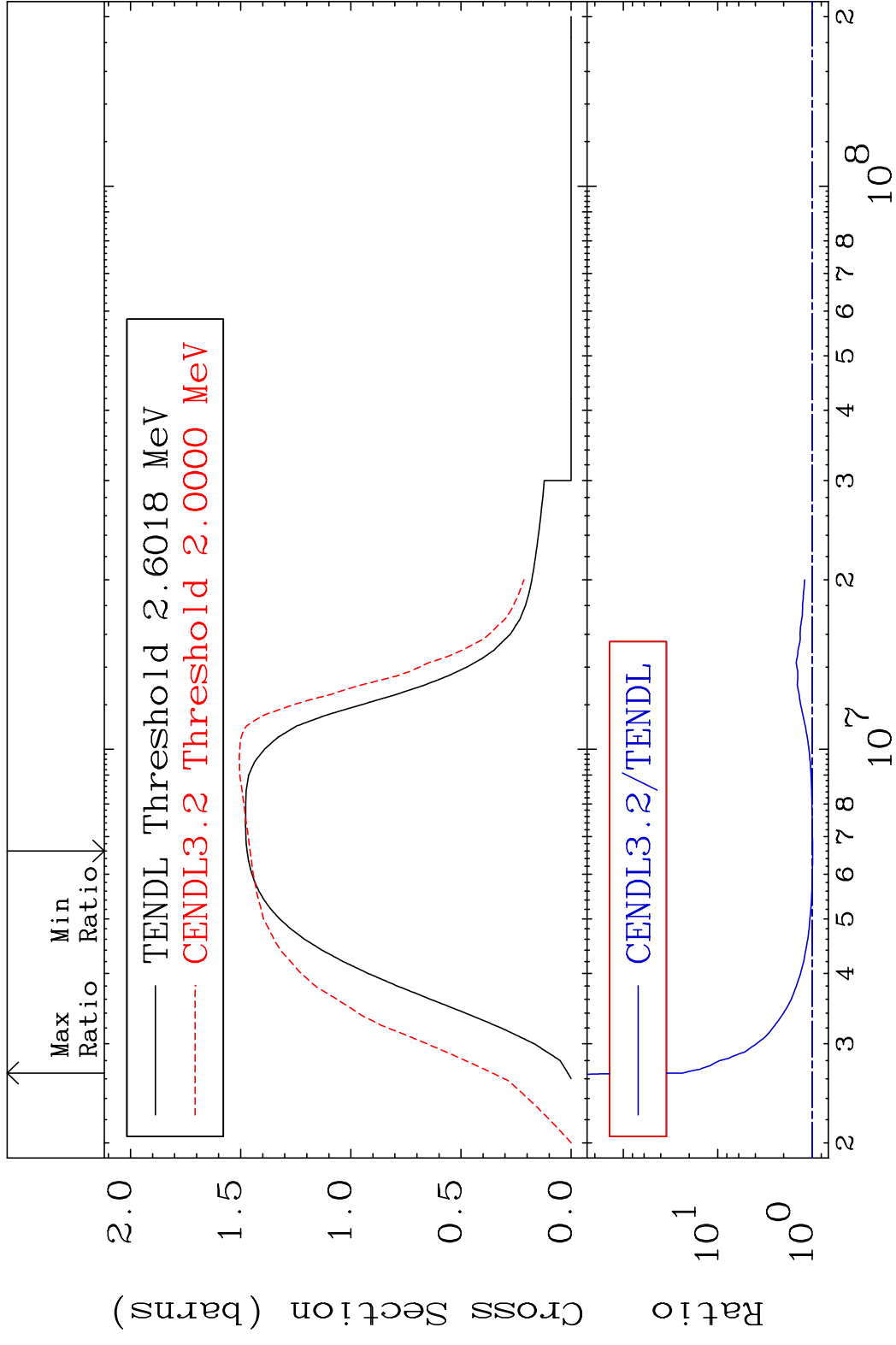


11 Incident Energy (eV) 31-Ga-69

MAT 3125 MT= 55 (n,n') Level 31-Ga-69
 Cross Section -52.54 To 26.27 %



MAT 3125 (n,n') Continuum 31-Ga-69
 Cross Section -0.933 To 2266. %

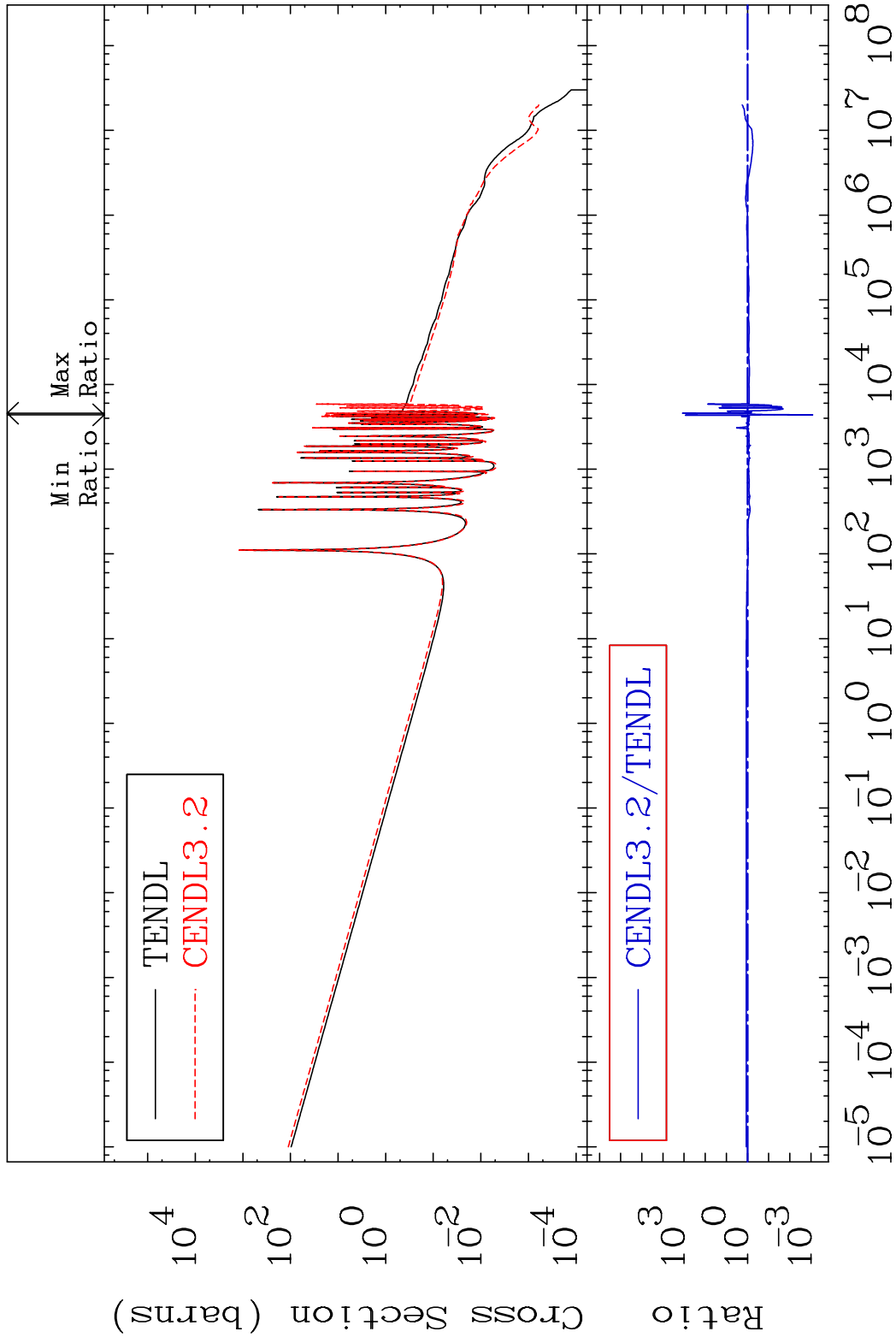


MAT 3125

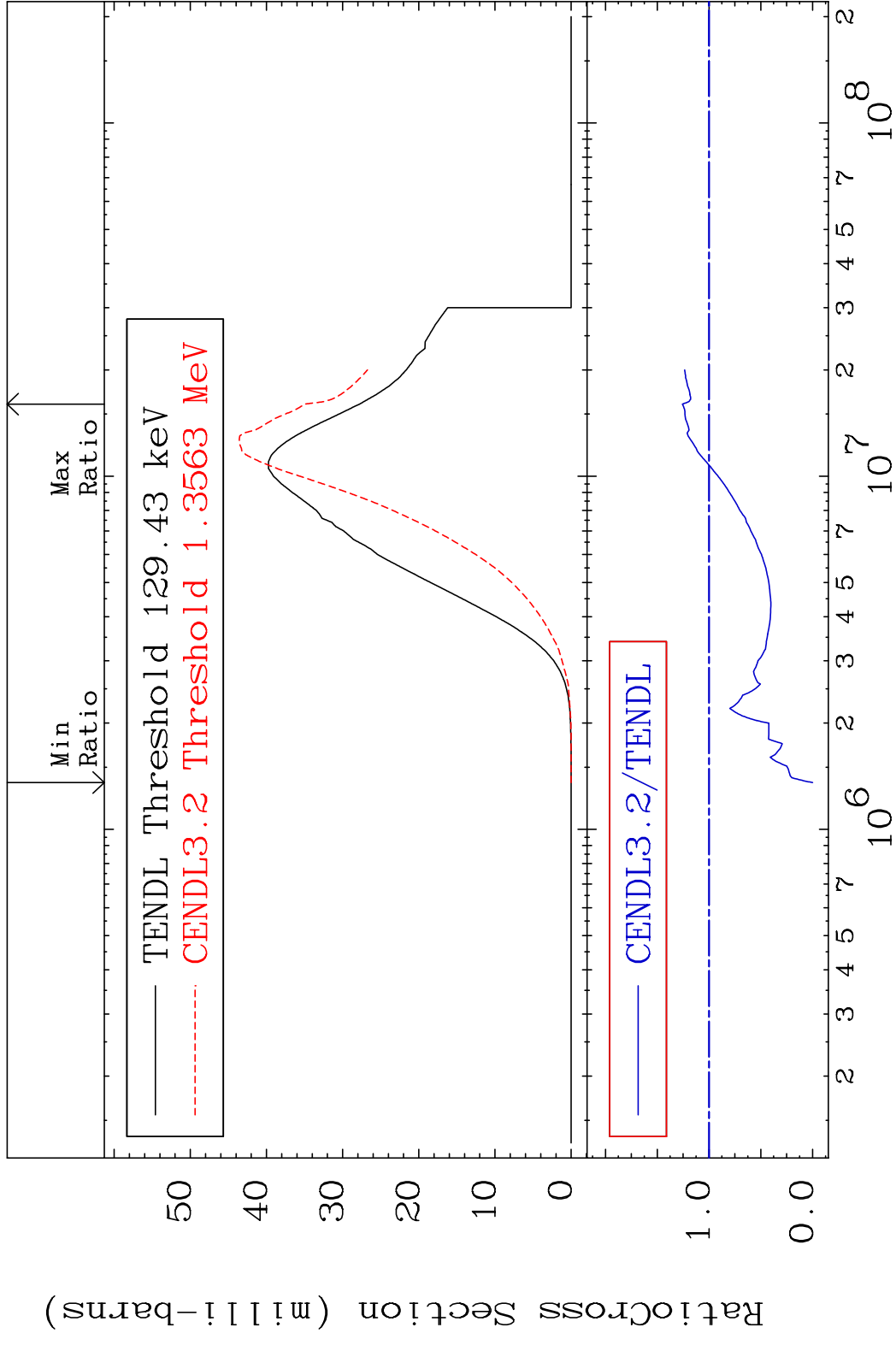
(n, γ)

31-Ga-69

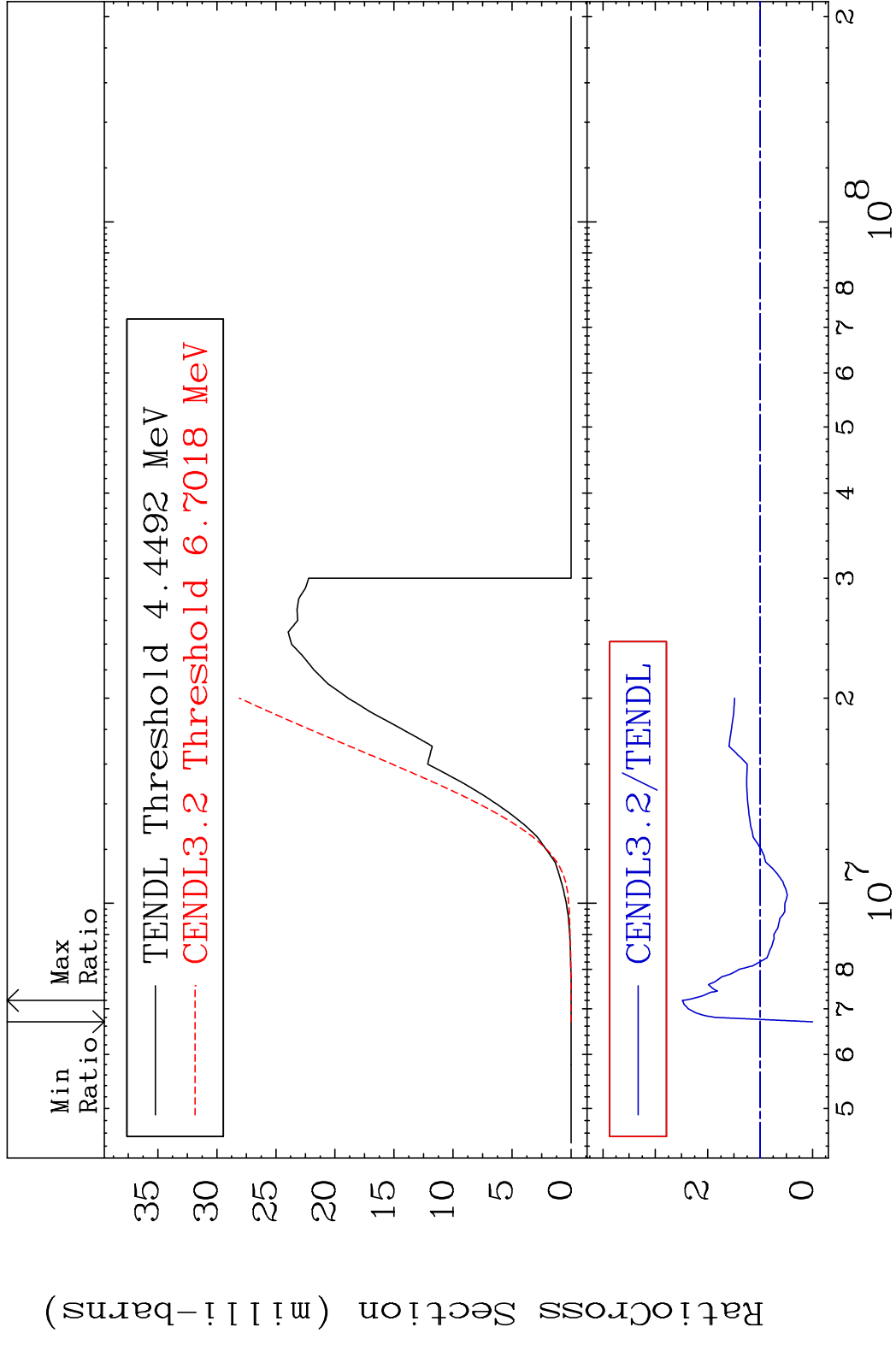
Cross Section -99.92 To 9999. %



MAT 3125 (n,p) 31-Ga-69
 Cross Section -100.0 To 25.73 %



MAT 3125 (n,d) 31-Ga-69
 Cross Section -100.0 To 148.4 %

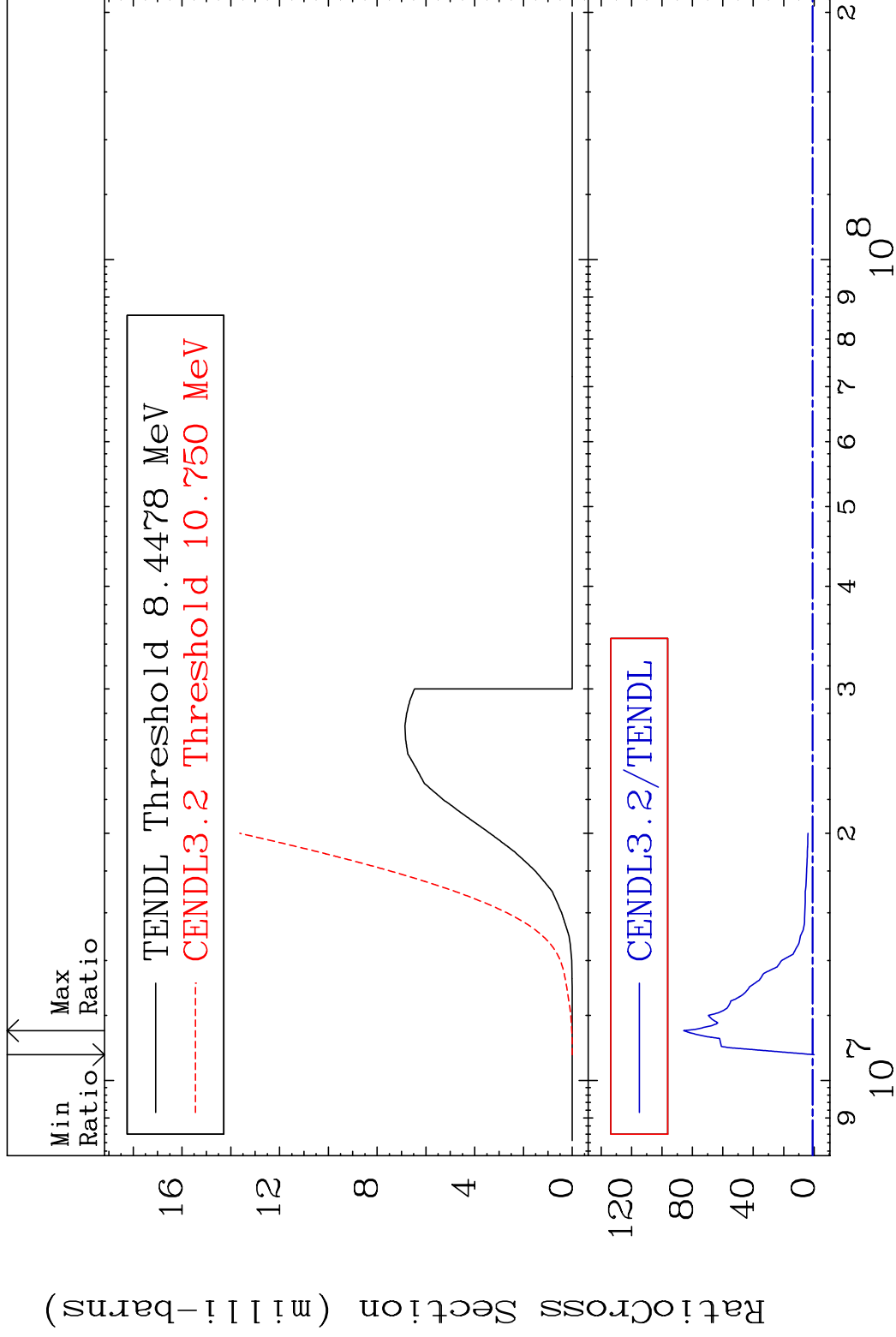


MAT 3125

(n, t)

31-Ga-69

Cross Section -100.0 To 8475. %



17

Incident Energy (eV)

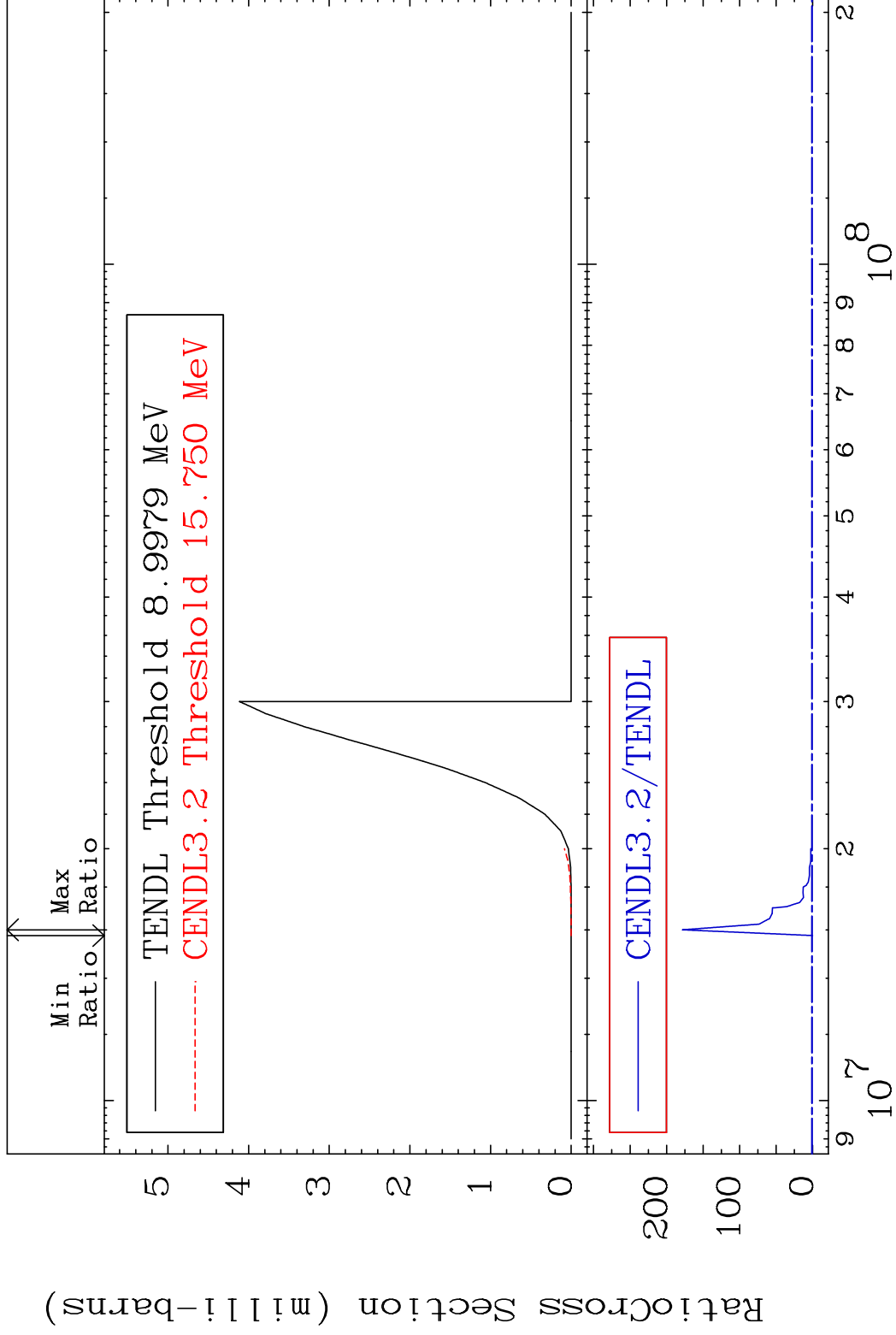
31-Ga-69

MAT 3125

(n, He-3)

31-Ga-69

Cross Section -100.0 To 9999. %



18

Incident Energy (eV)

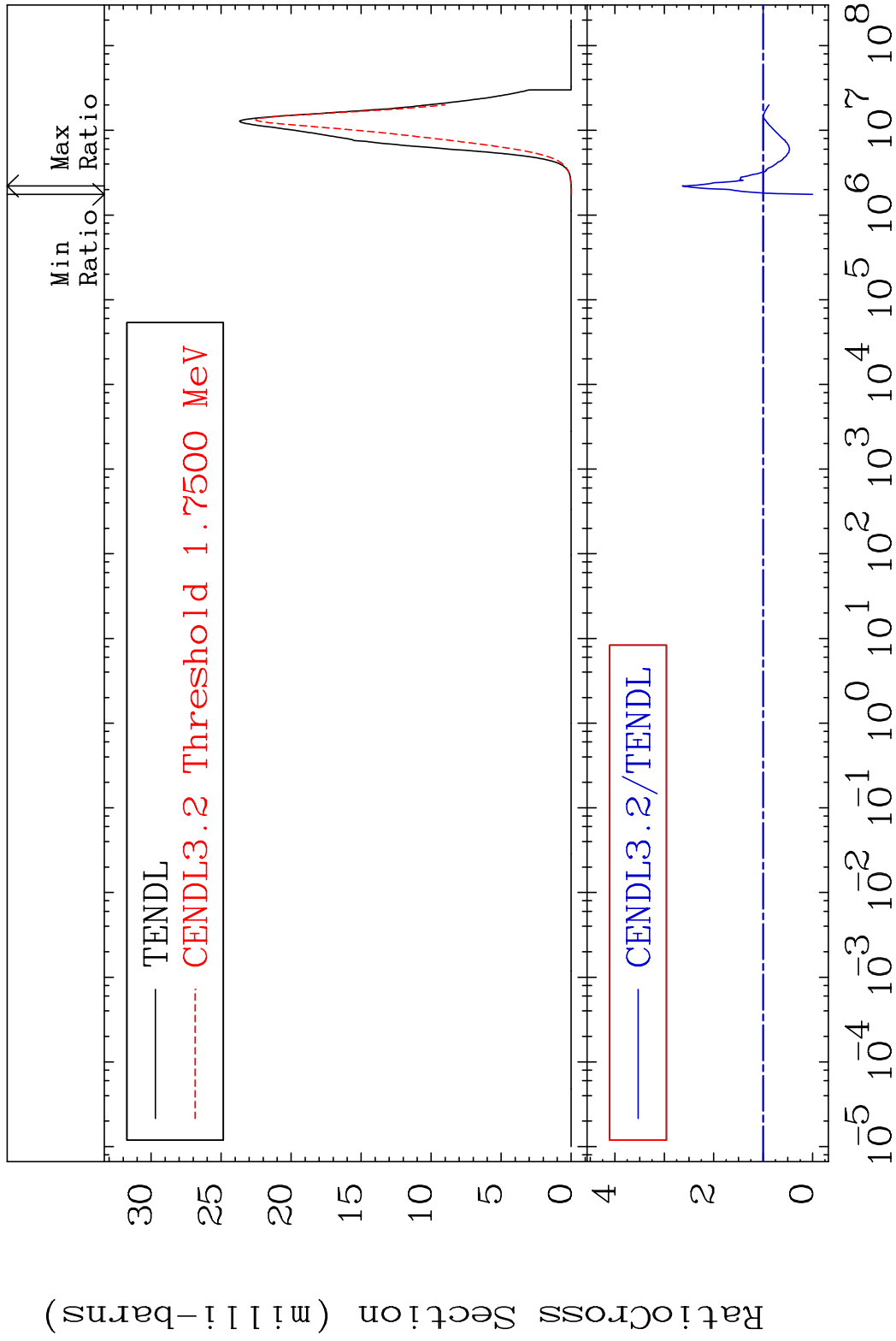
31-Ga-69

MAT 3125

(n, α)

31-Ga-69

Cross Section -100.0 To 163.5 %



19

Incident Energy (eV)

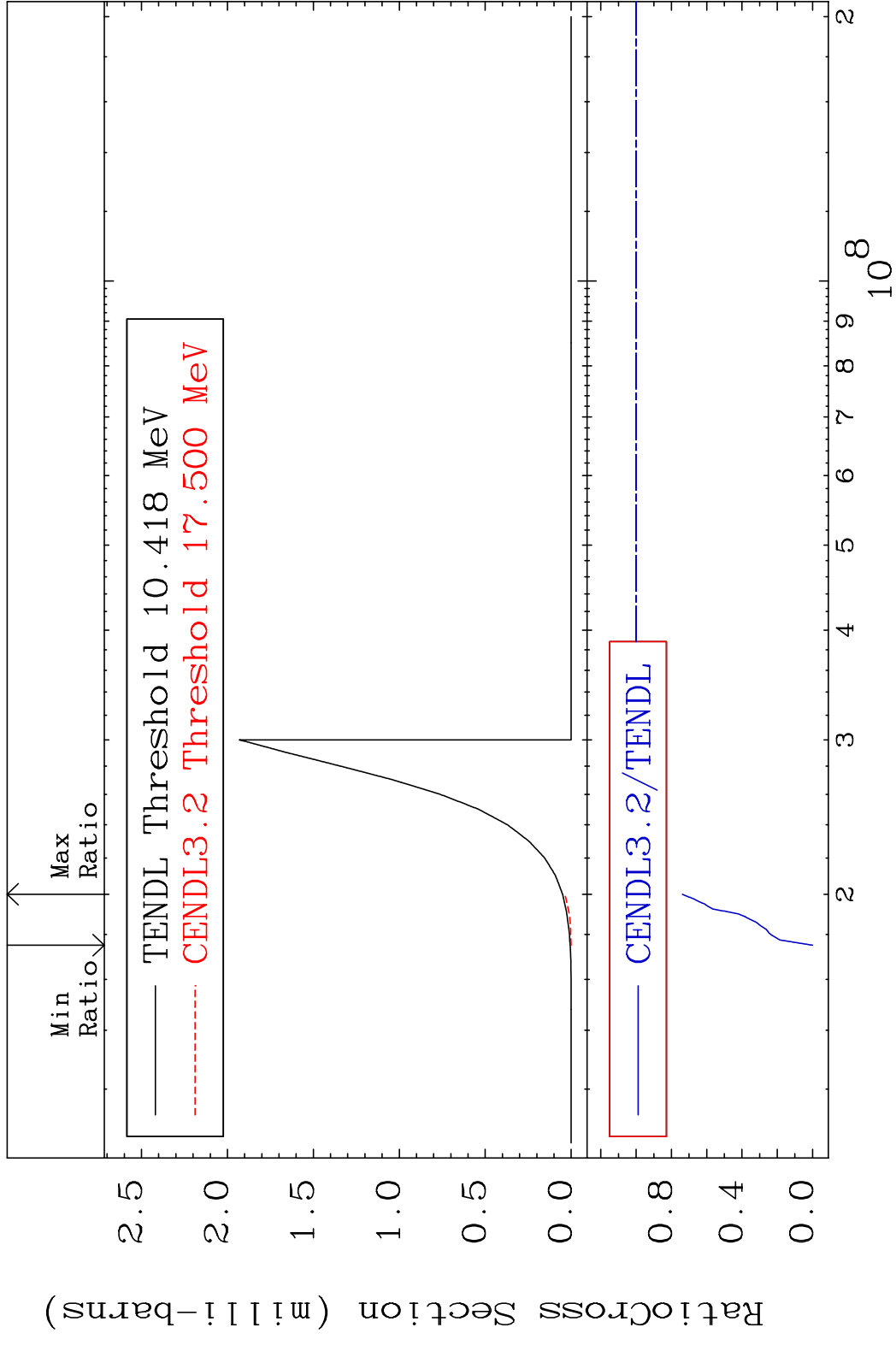
31-Ga-69

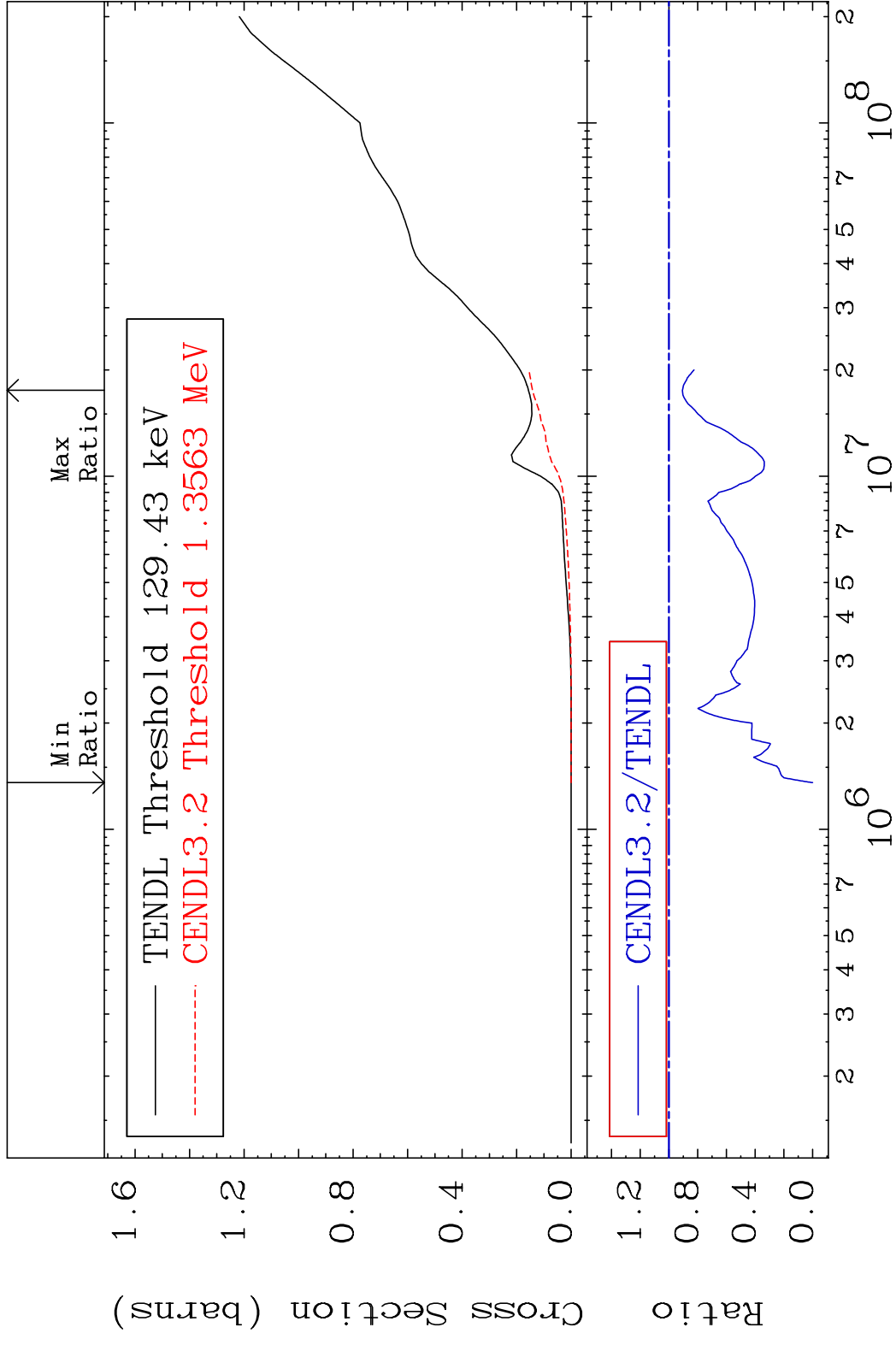
MAT 3125

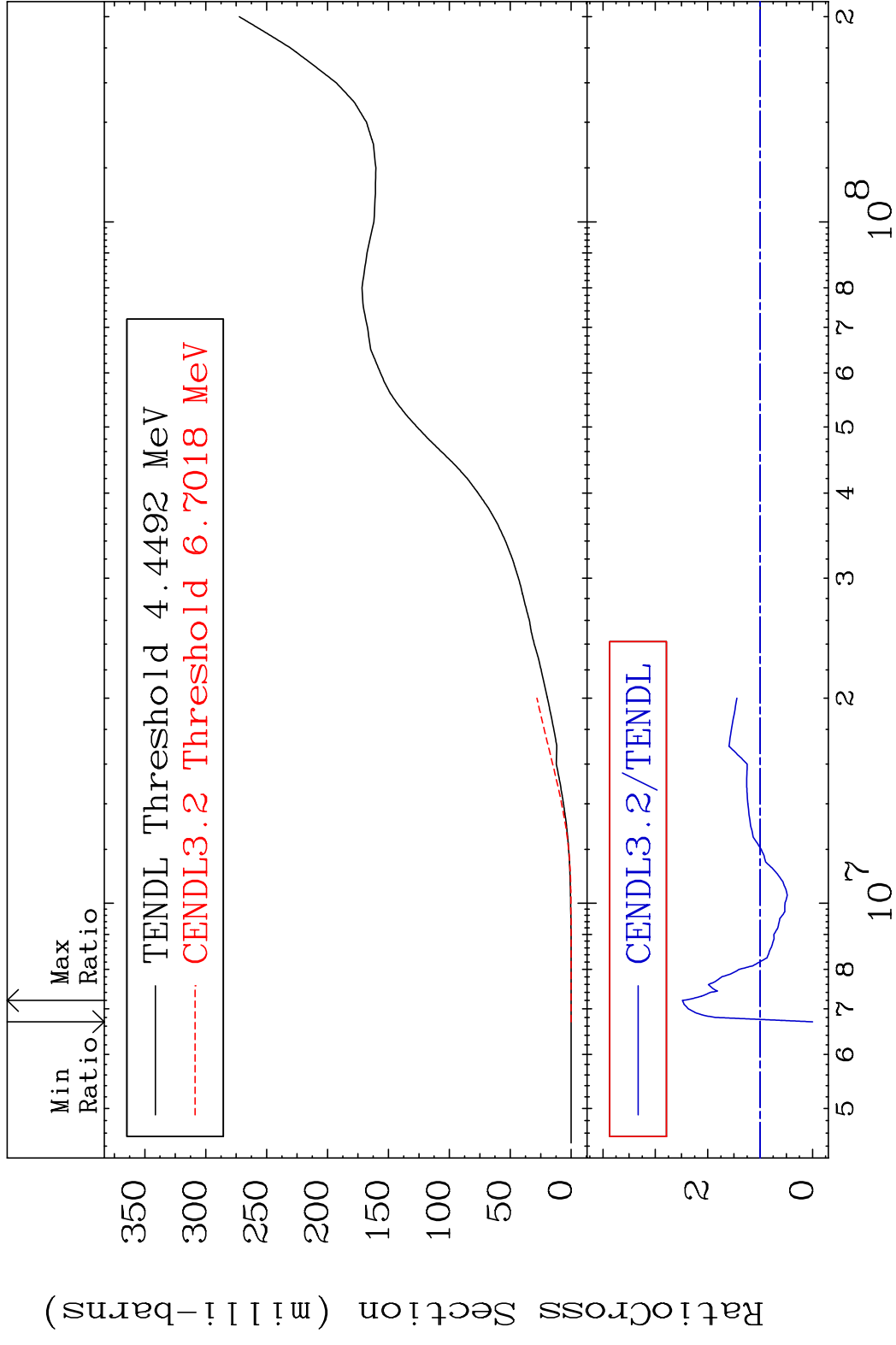
(n,2p)

31-Ga-69

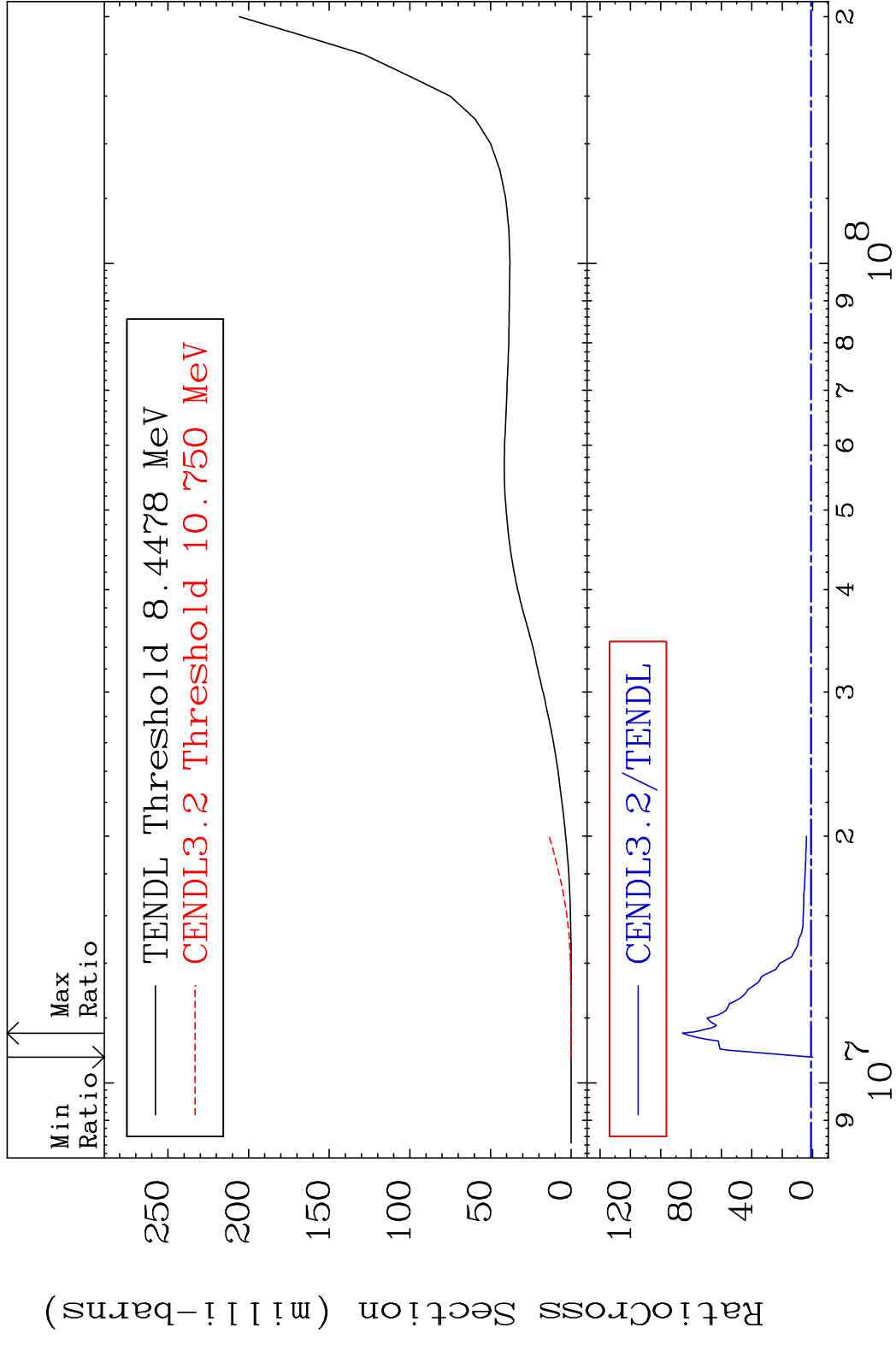
Cross Section -100.0 To -26.20%







MAT 3125 Tritium Production 31-Ga-69
 Cross Section -100.0 To 8475. %

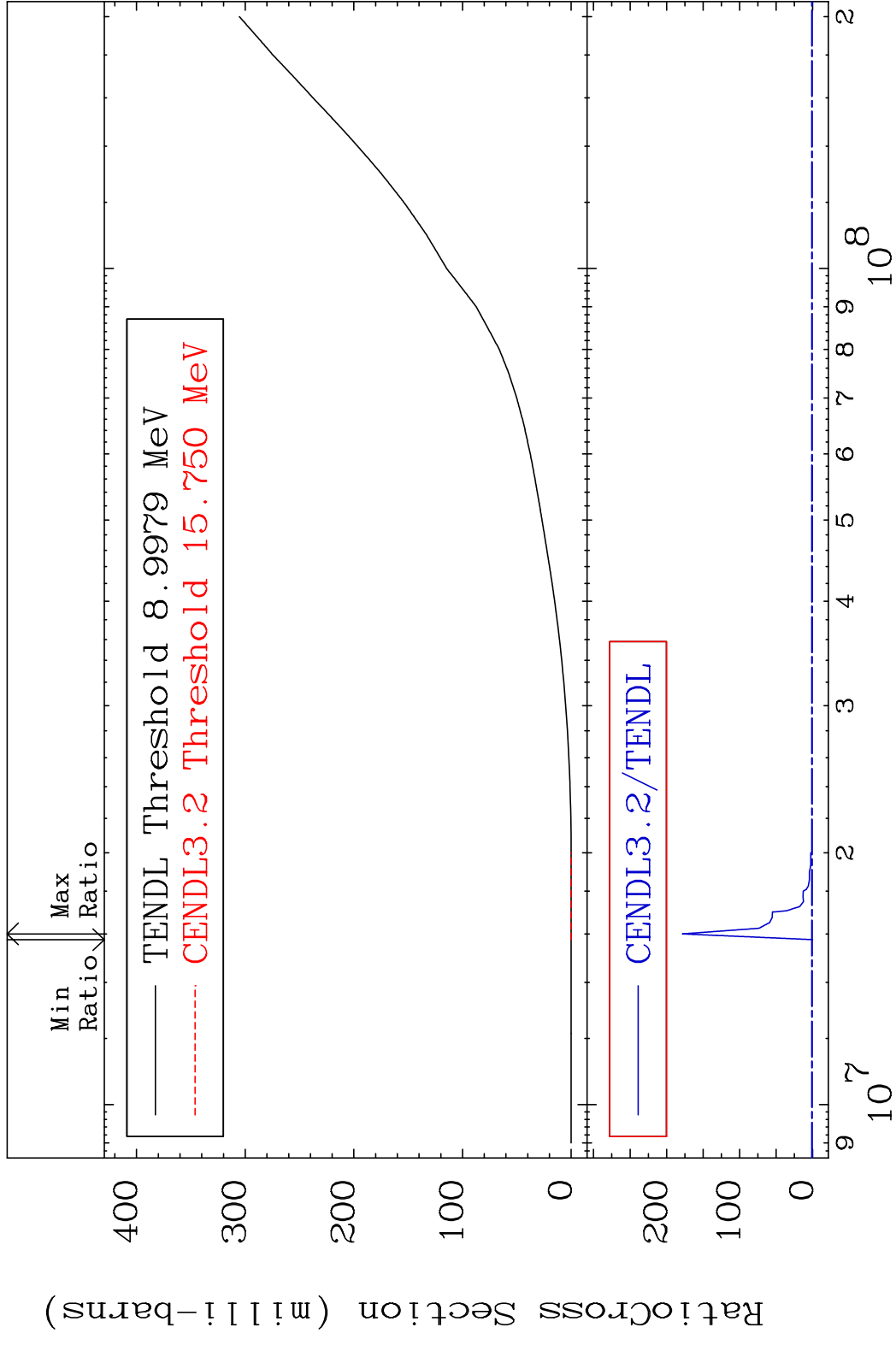


MAT 3125

He-3 Production

31-Ga-69

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

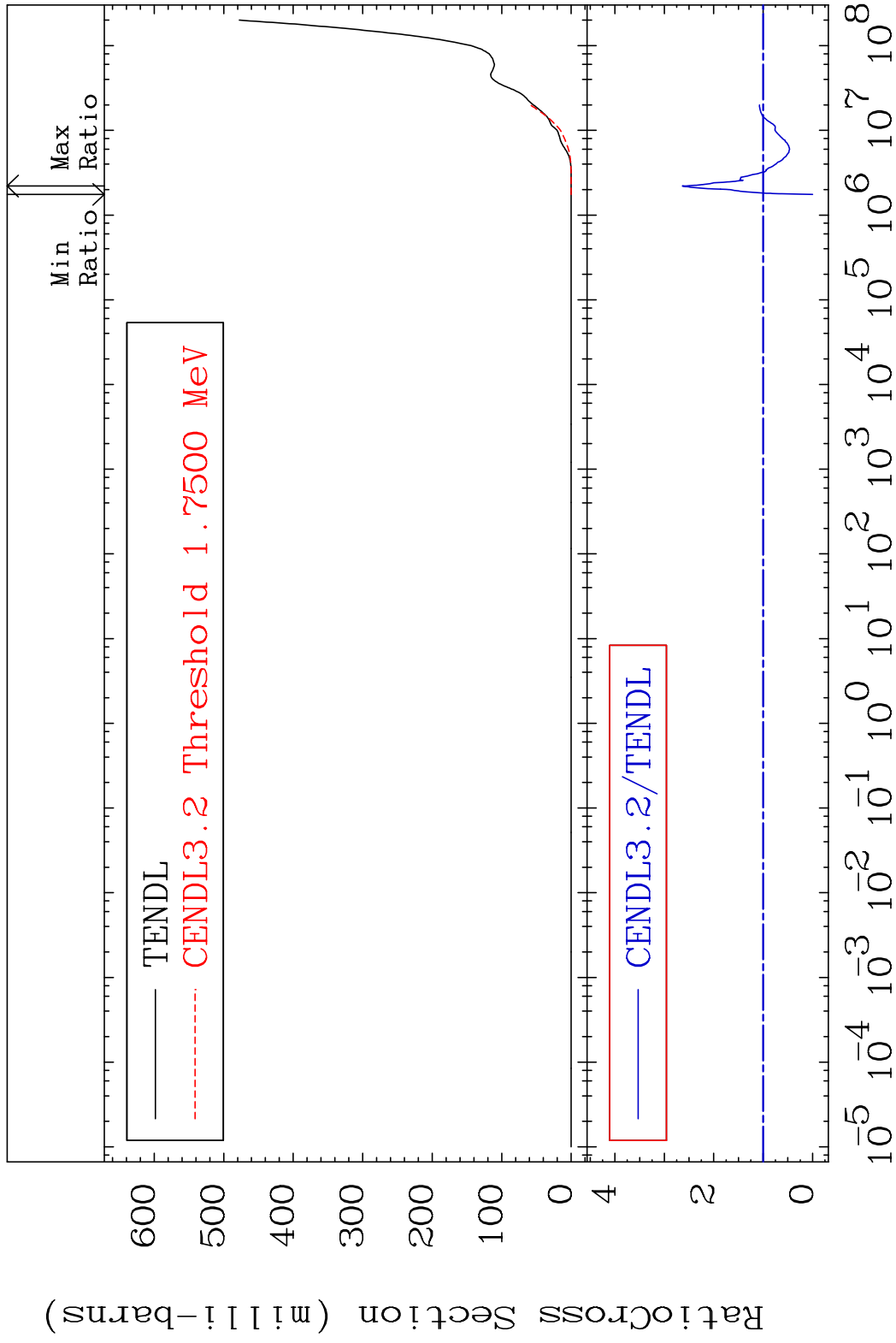
31-Ga-69

MAT 3125

He-4 Production

31-Ga-69

Cross Section -100.0 To 163.5 %

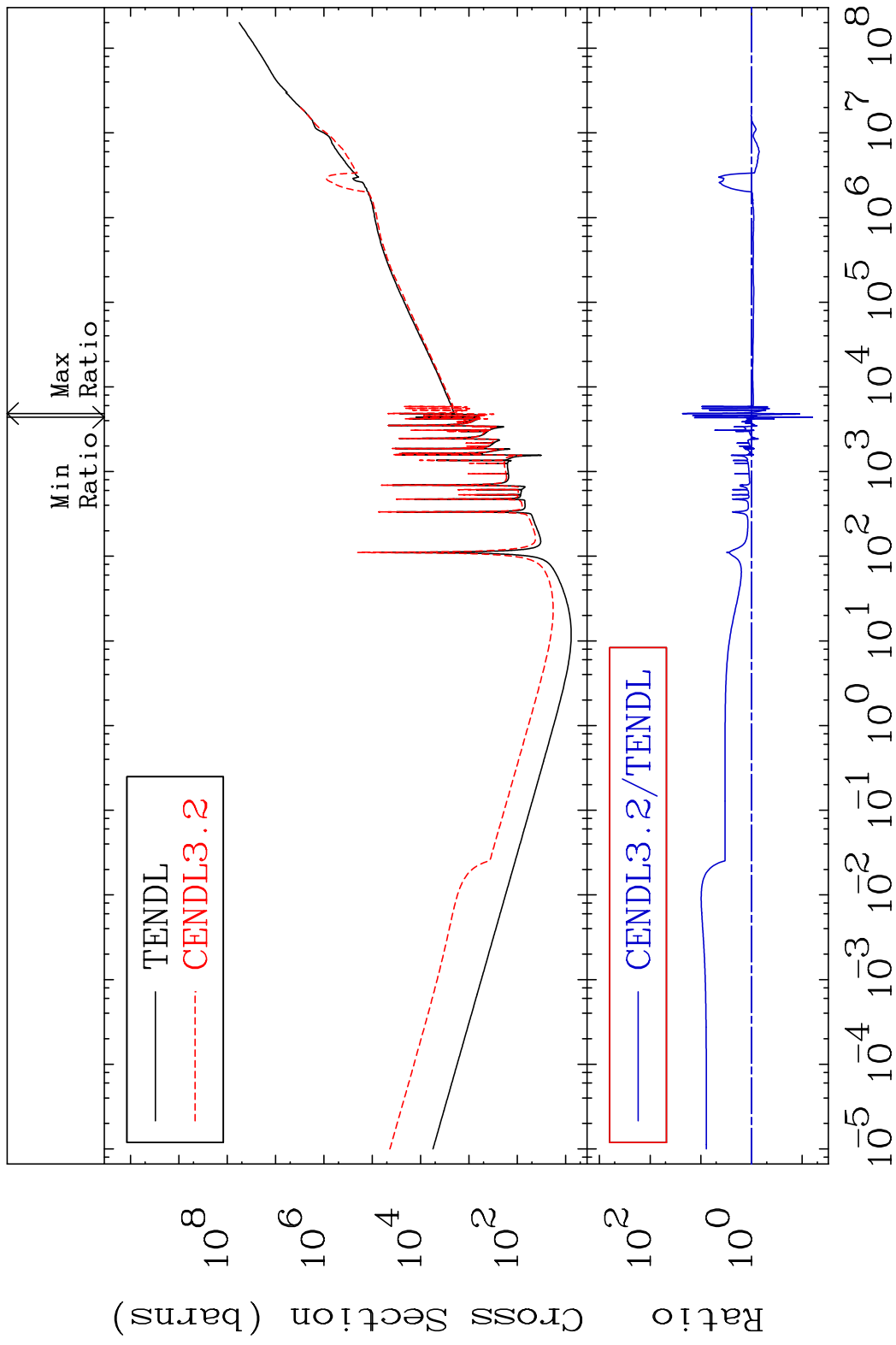


25

Incident Energy (eV)

31-Ga-69

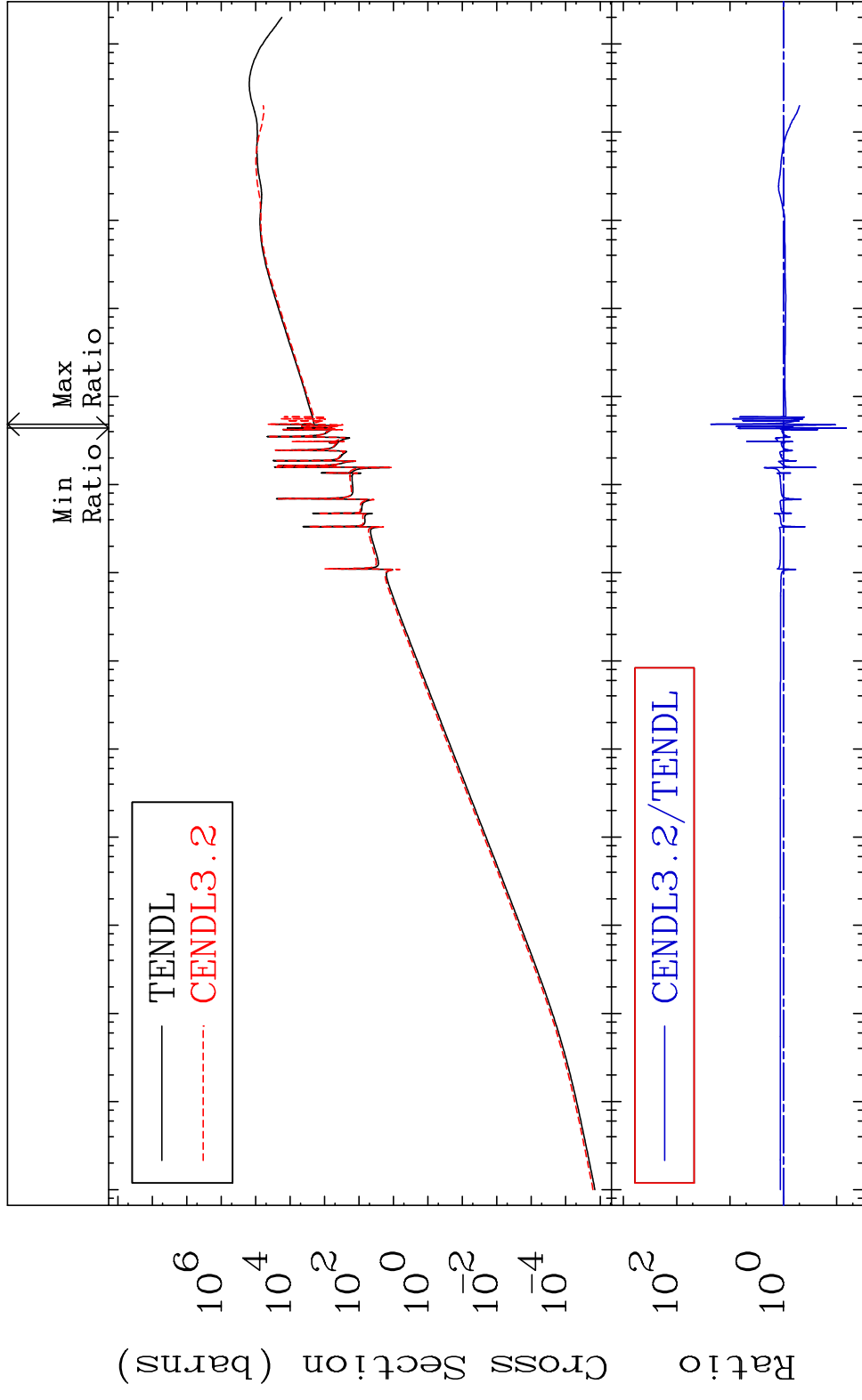
MAT 3125 Kerma total (eV-barns) 31-Ga-69
 Cross Section -93.75 To 2216. %



MAT 3125

Kerma elastic Cross Section -93.41 To 2201. %

31-Ga-69



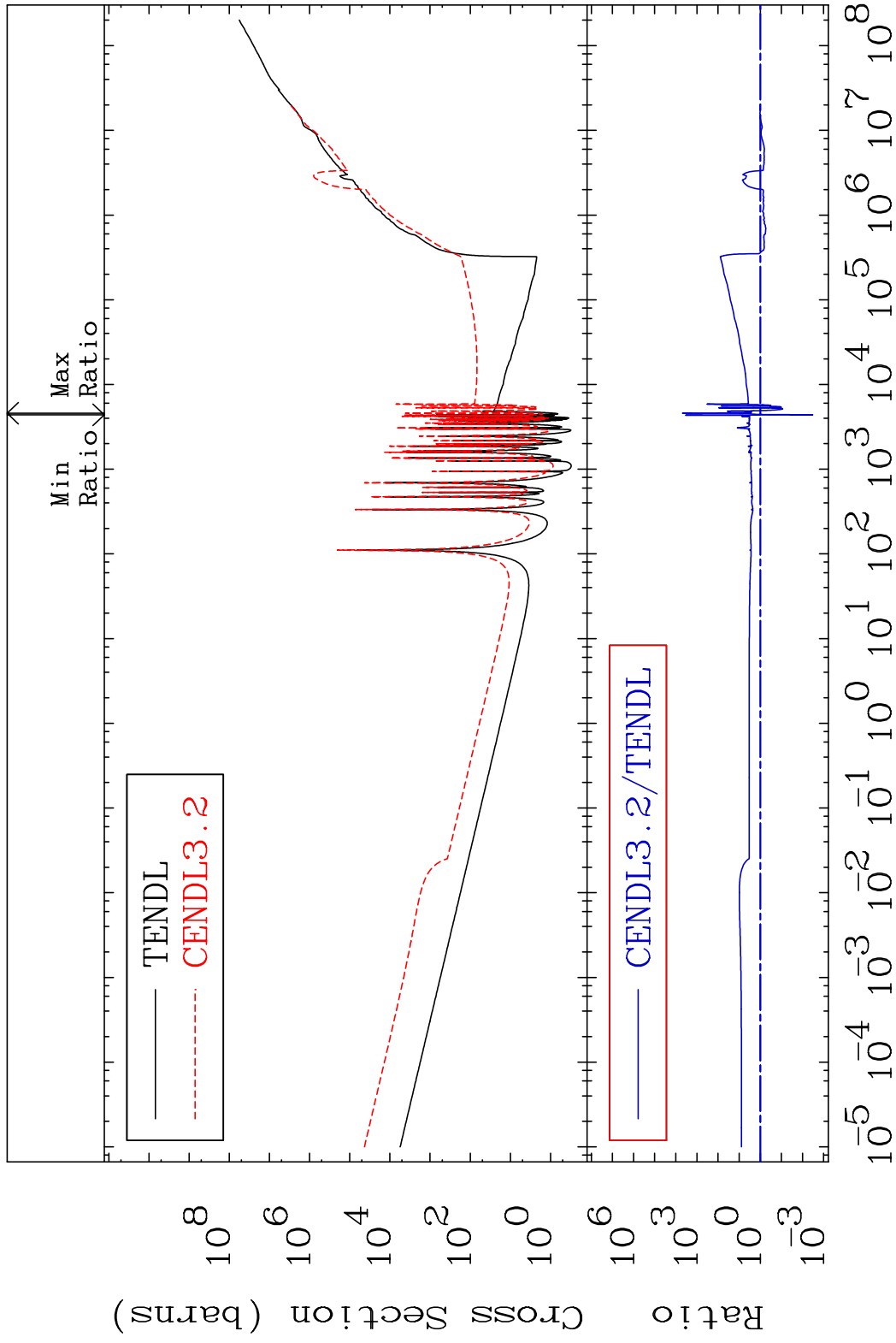
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

27

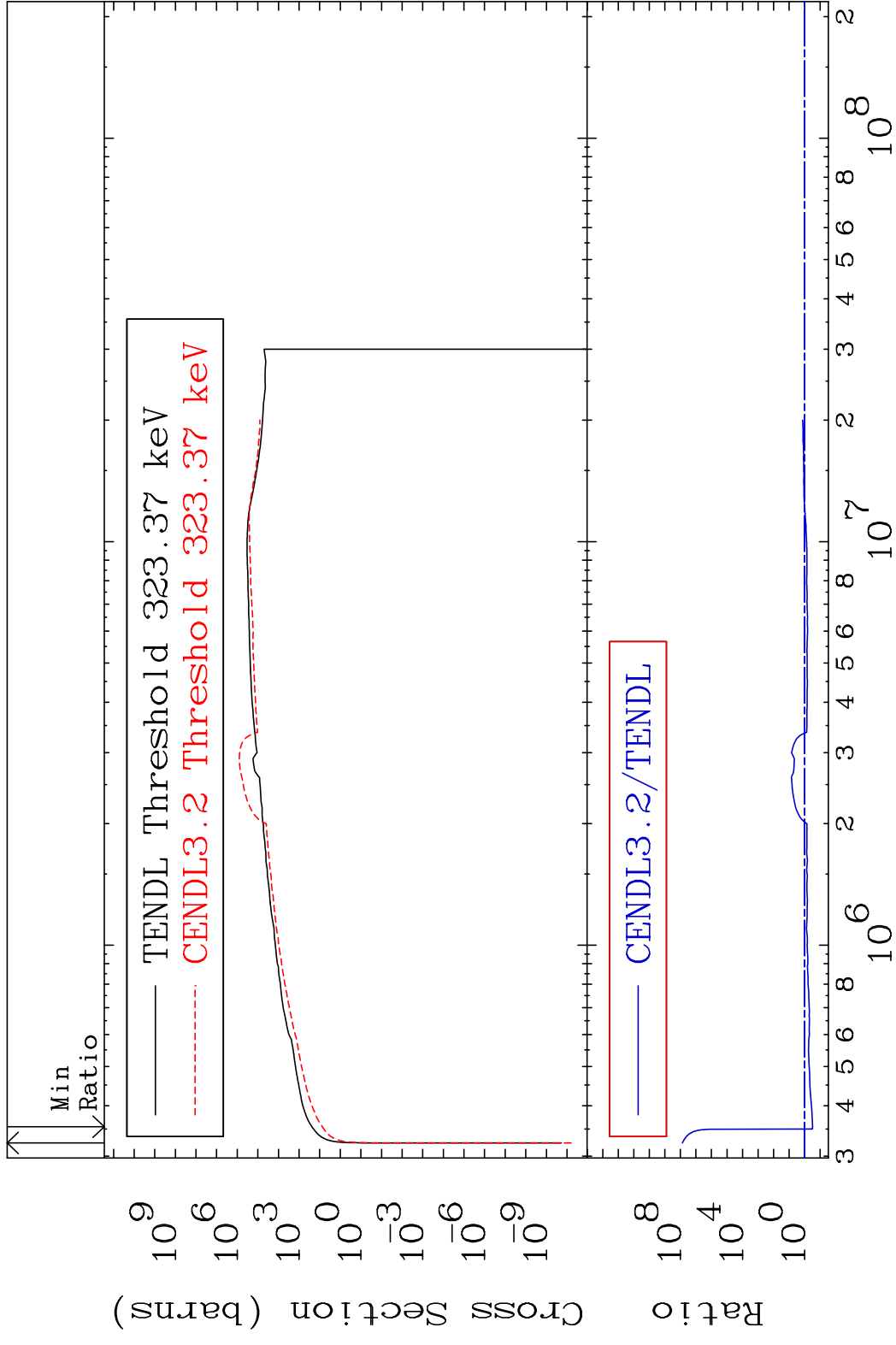
Incident Energy (eV)

31-Ga-69

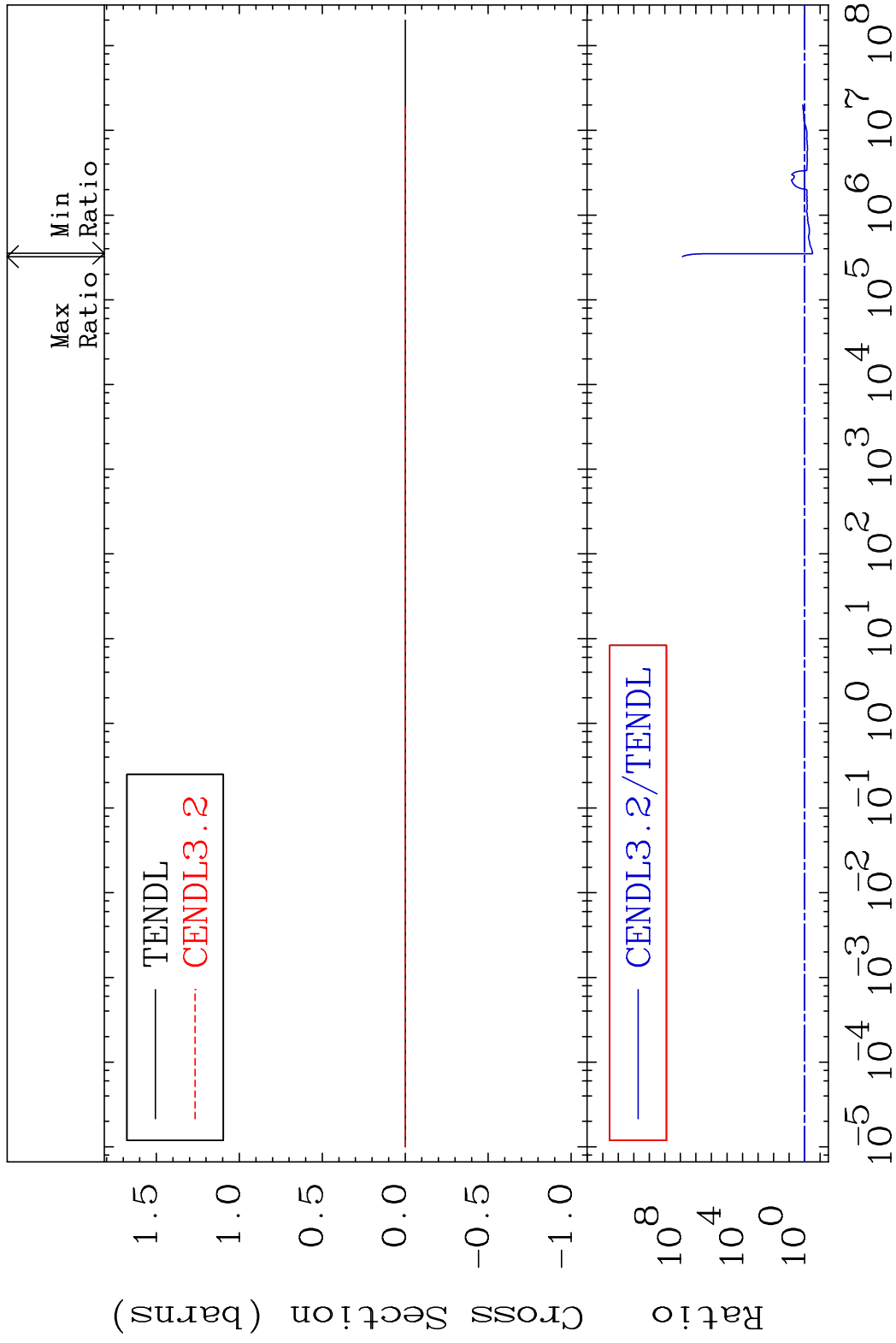
MAT 3125 Kerma non-elastic (all but mt2) 31-Ga-69
 Cross Section -99.67 To 9999. %



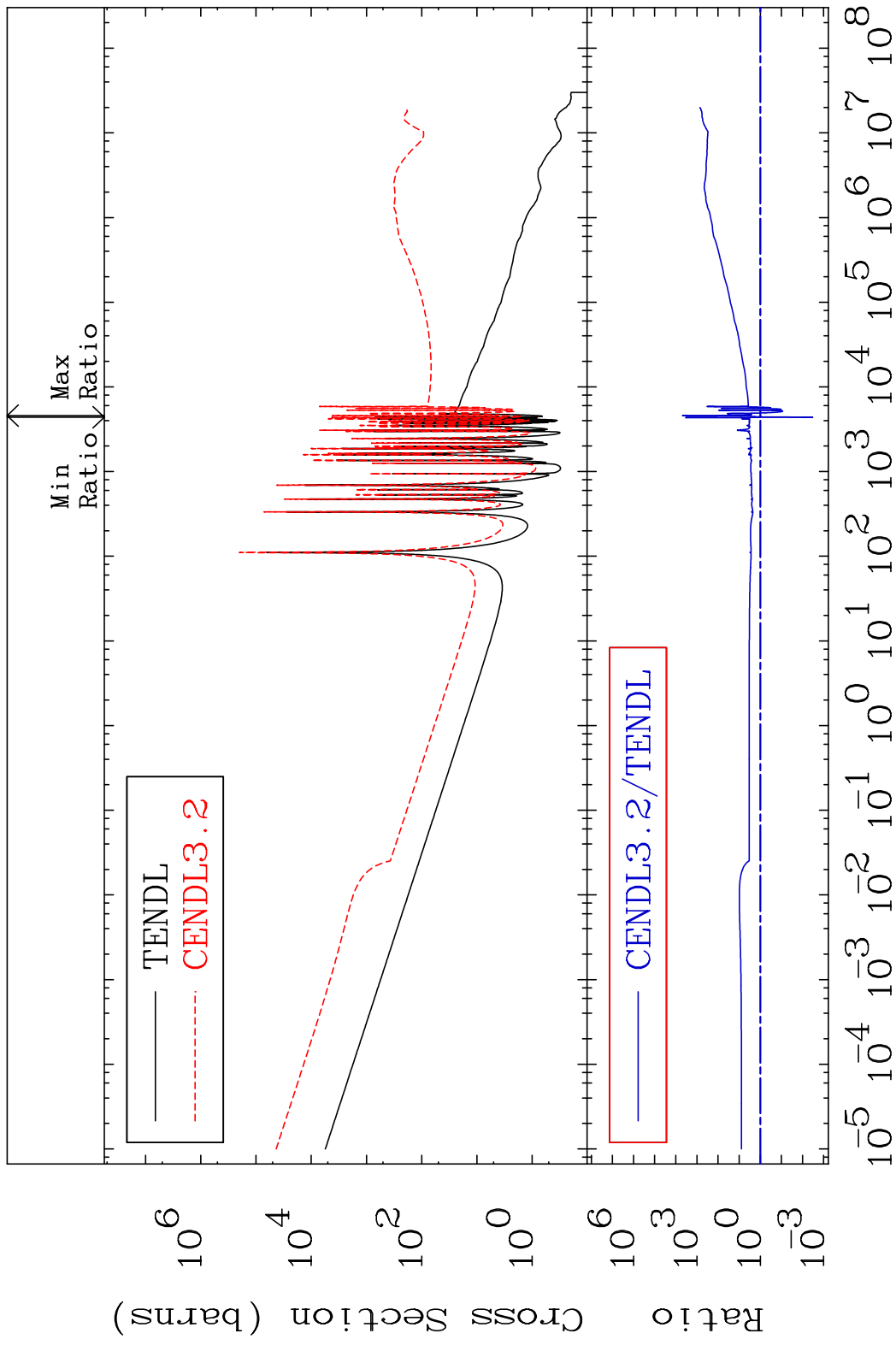
MAT 3125 Kerma inelastic (mt51-91) 31-Ga-69
 Cross Section -69.10 To 9999. %



MAT 3125 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-69
 Cross Section -69.10 To 9999. %

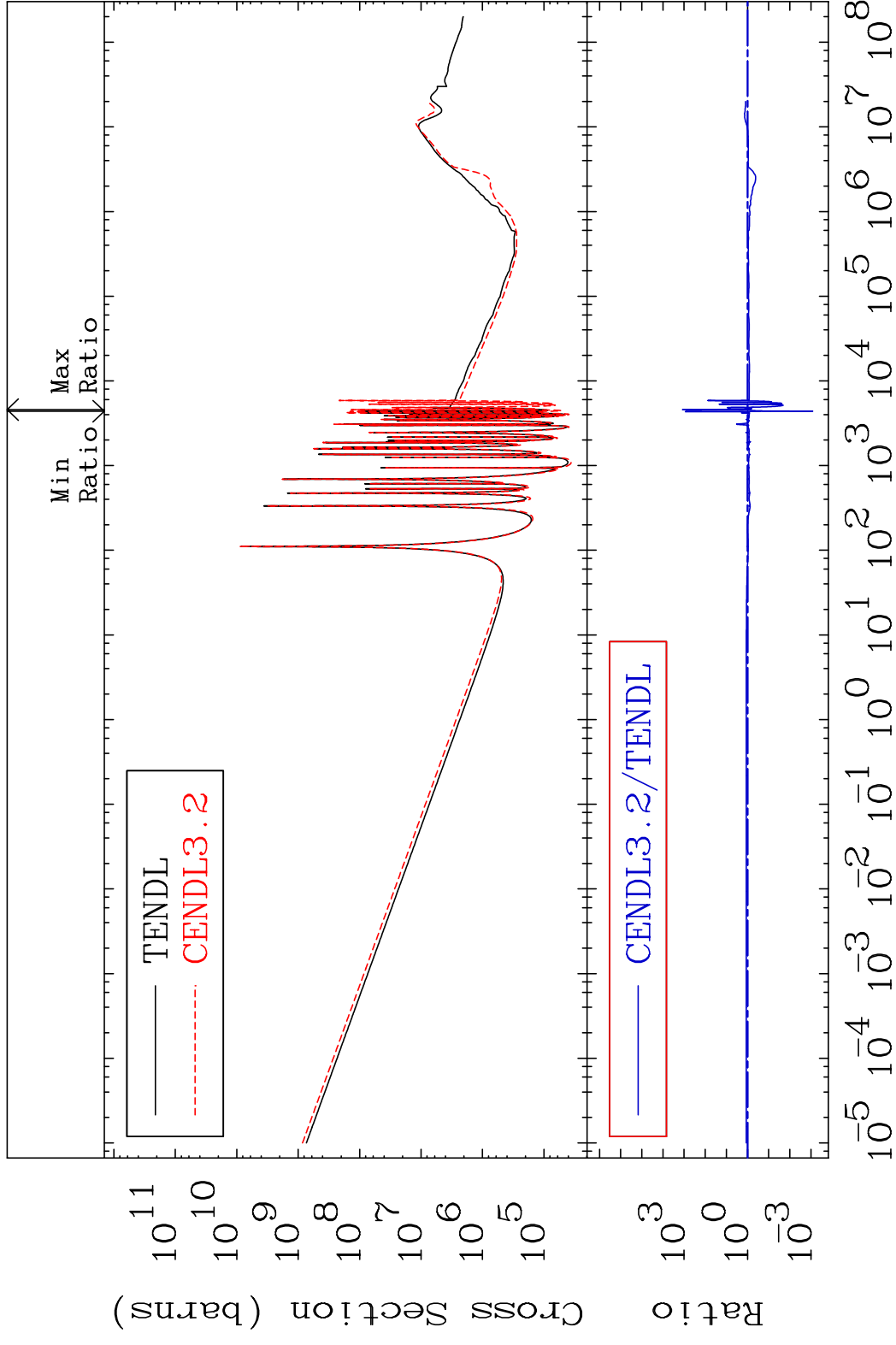


MAT 3125 Kerma capture (mt102) 31-Ga-69
 Cross Section -99.67 To 9999. %



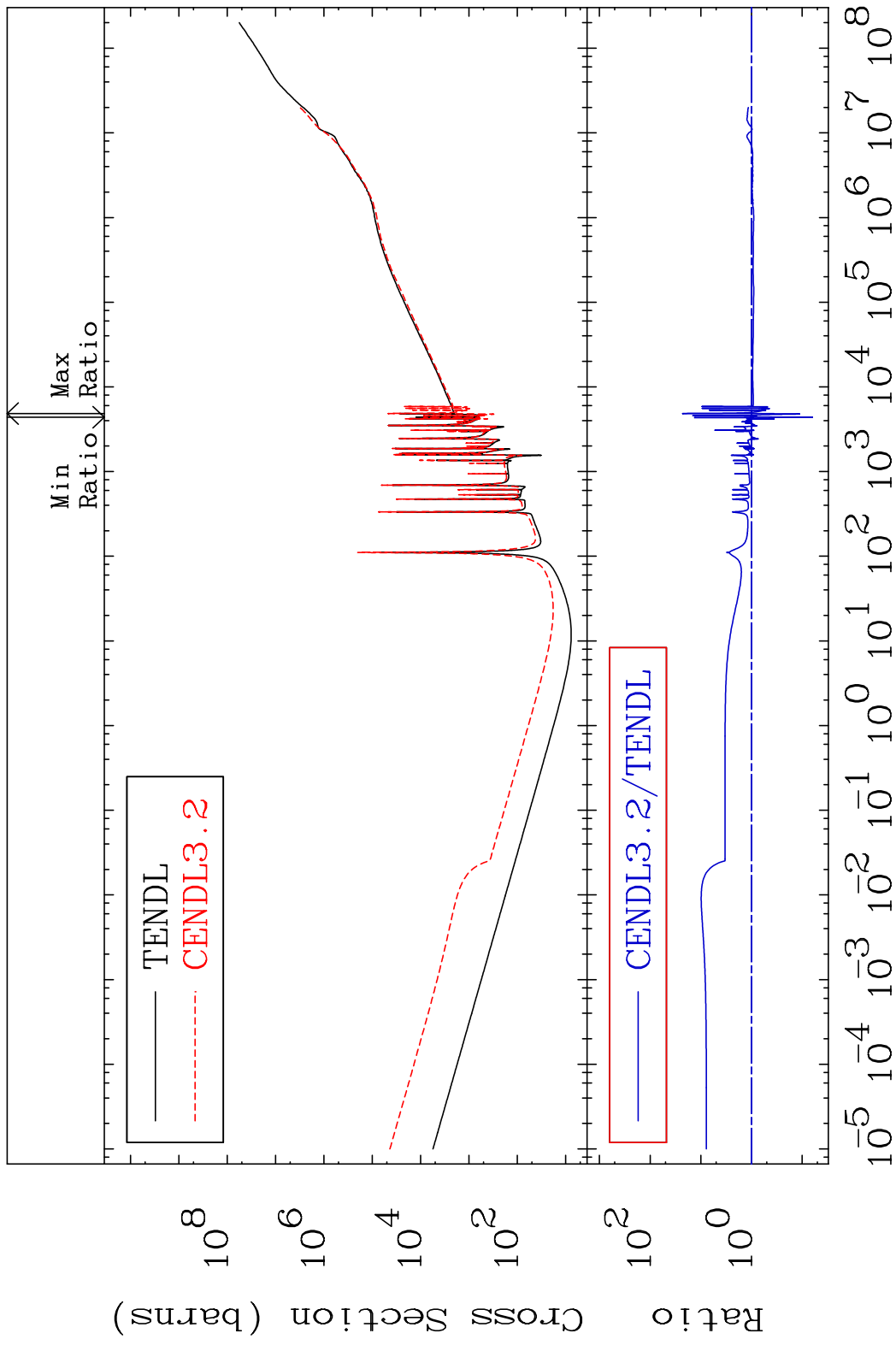
31 Incident Energy (eV) 31-Ga-69

MAT 3125 Total photon (eV-barns) 31-Ga-69
 Cross Section -99.92 To 9999. %

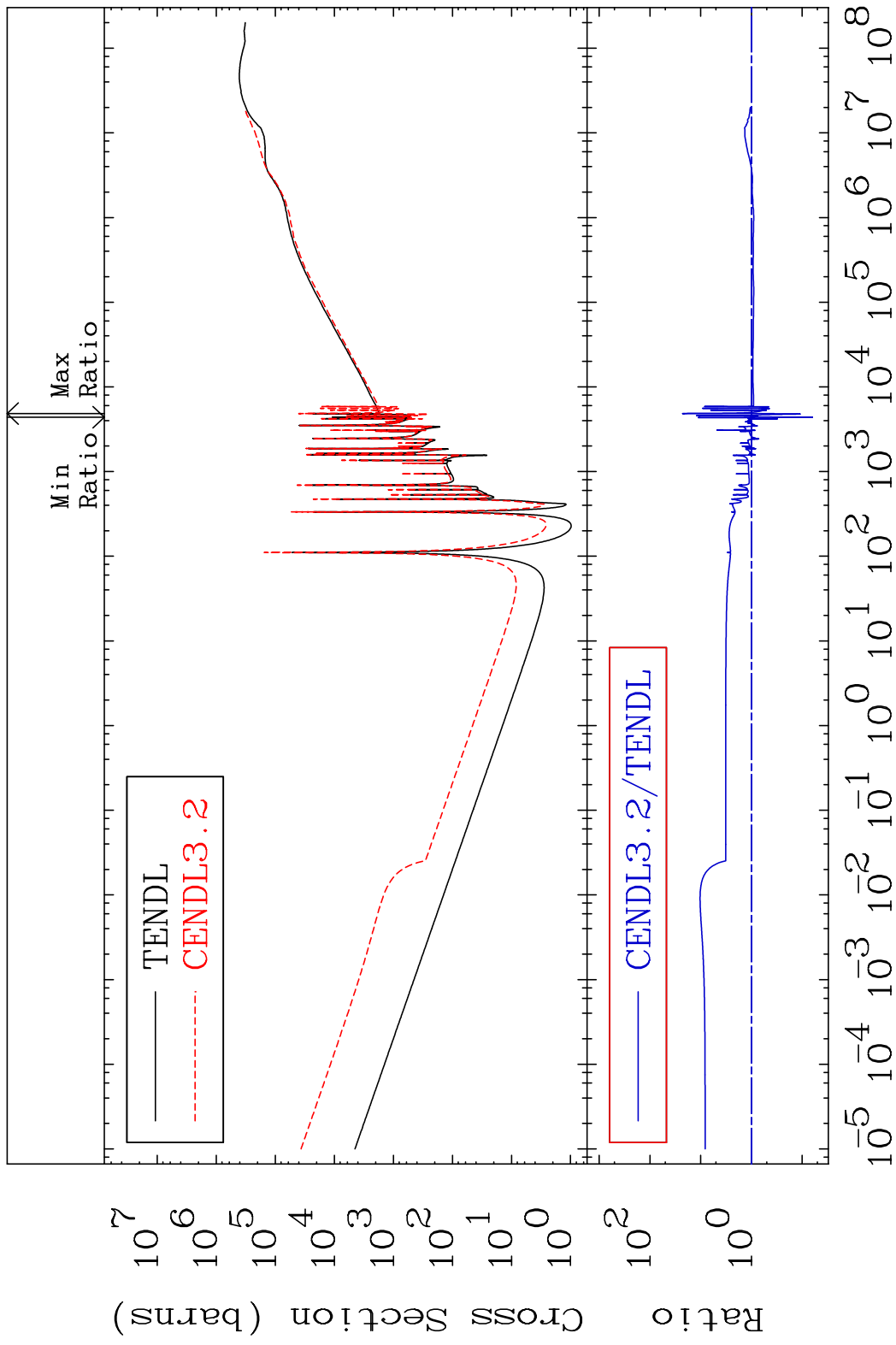


32 Incident Energy (eV) 31-Ga-69

MAT 3125 Total kinematic kerma (high limit) 31-Ga-69
 Cross Section -93.75 To 2216. %



MAT 3125 Dpa total (eV-barns) 31-Ga-69
 Cross Section -93.74 To 2201. %

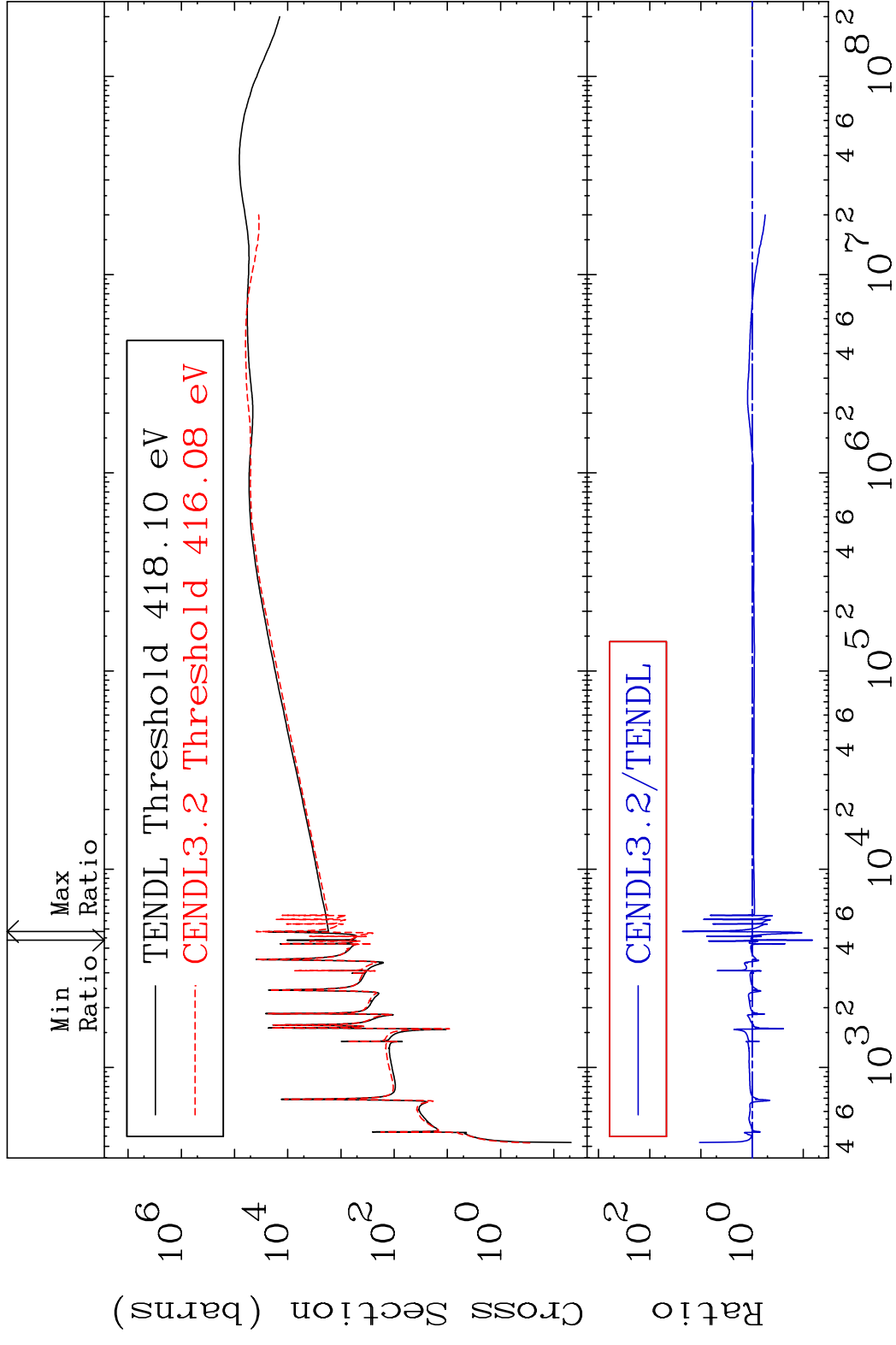


MAT 3125

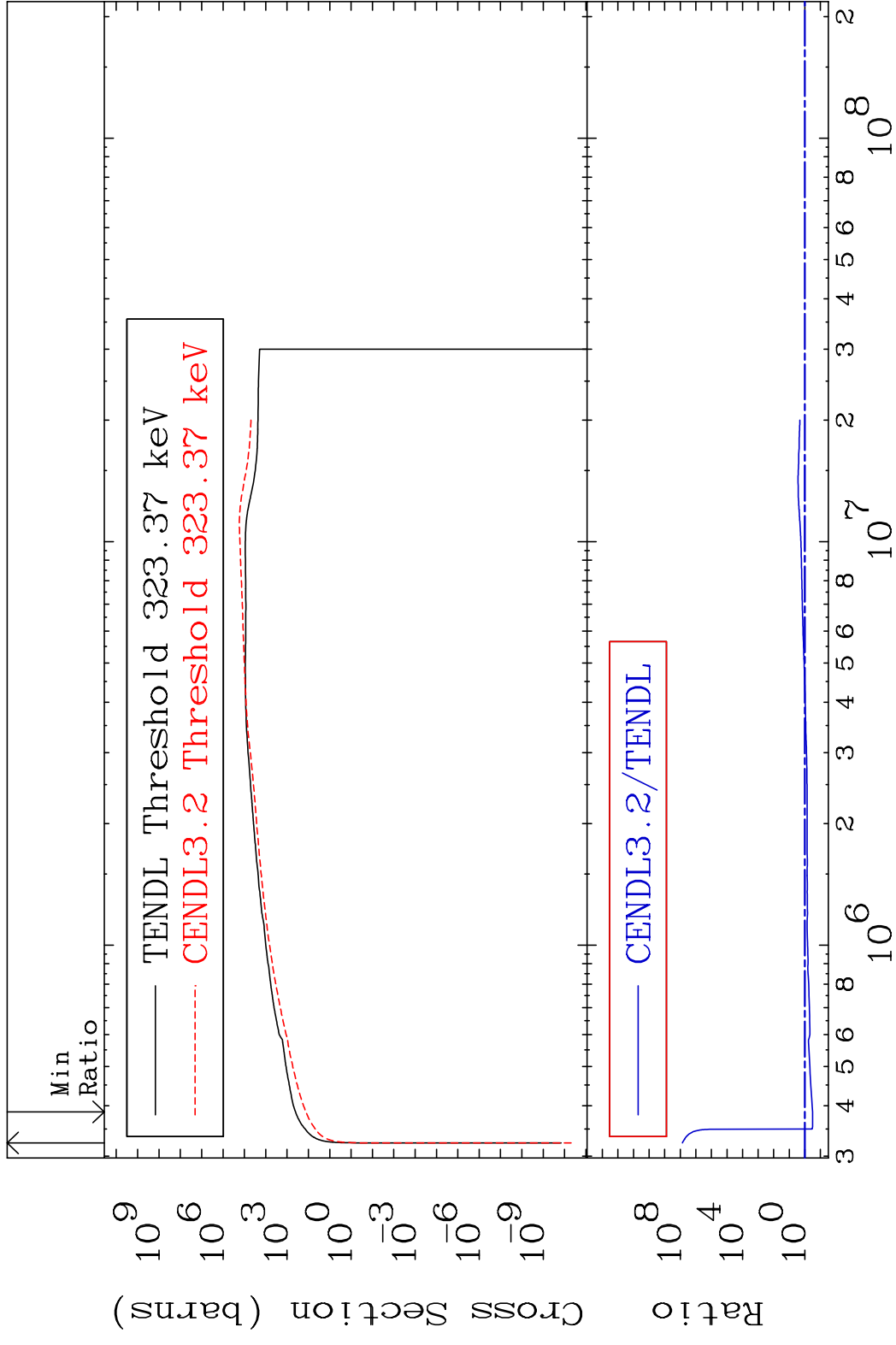
Dpa elastic (mt2)

31-Ga-69

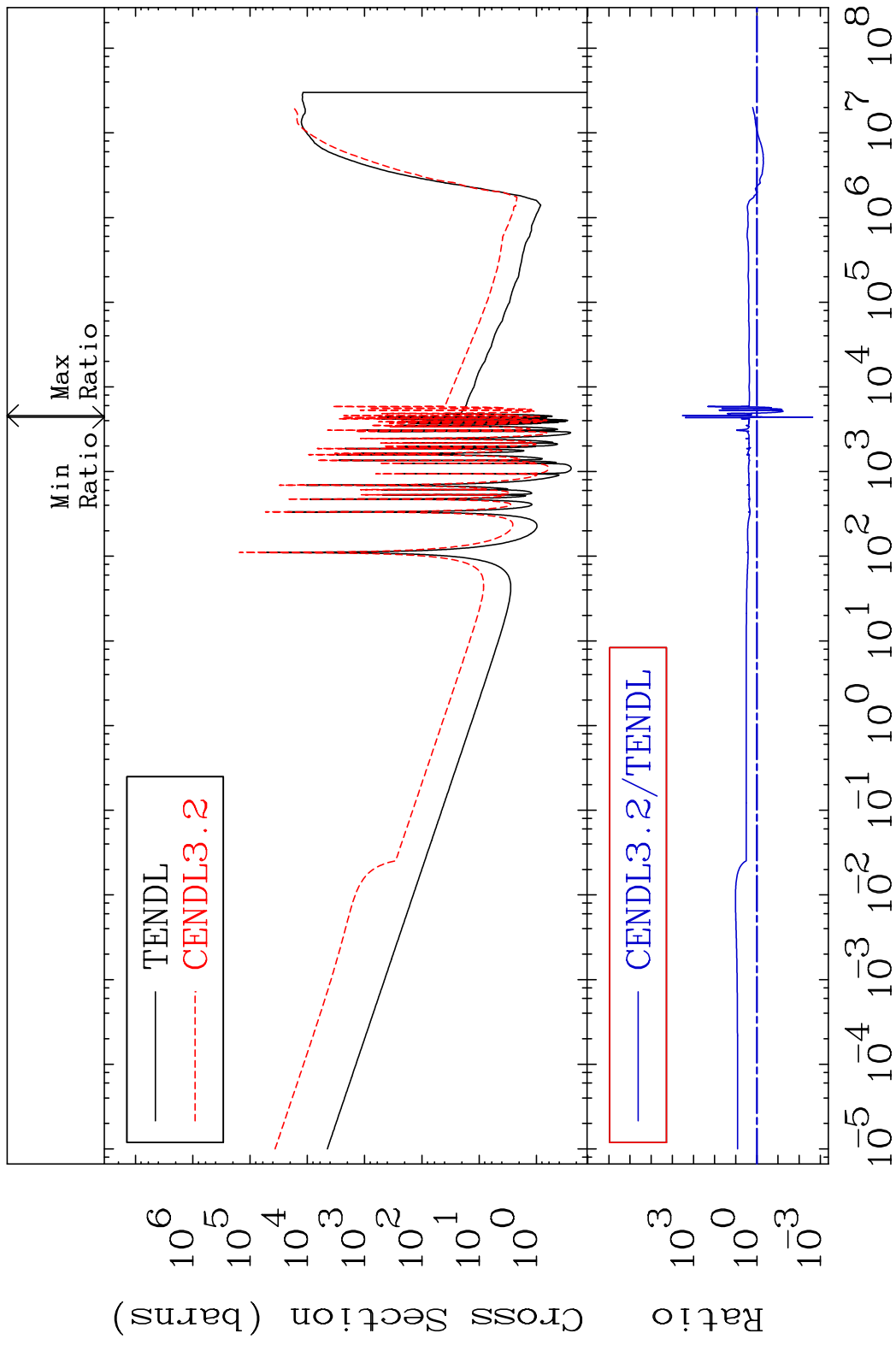
Cross Section -93.42 To 2200. %



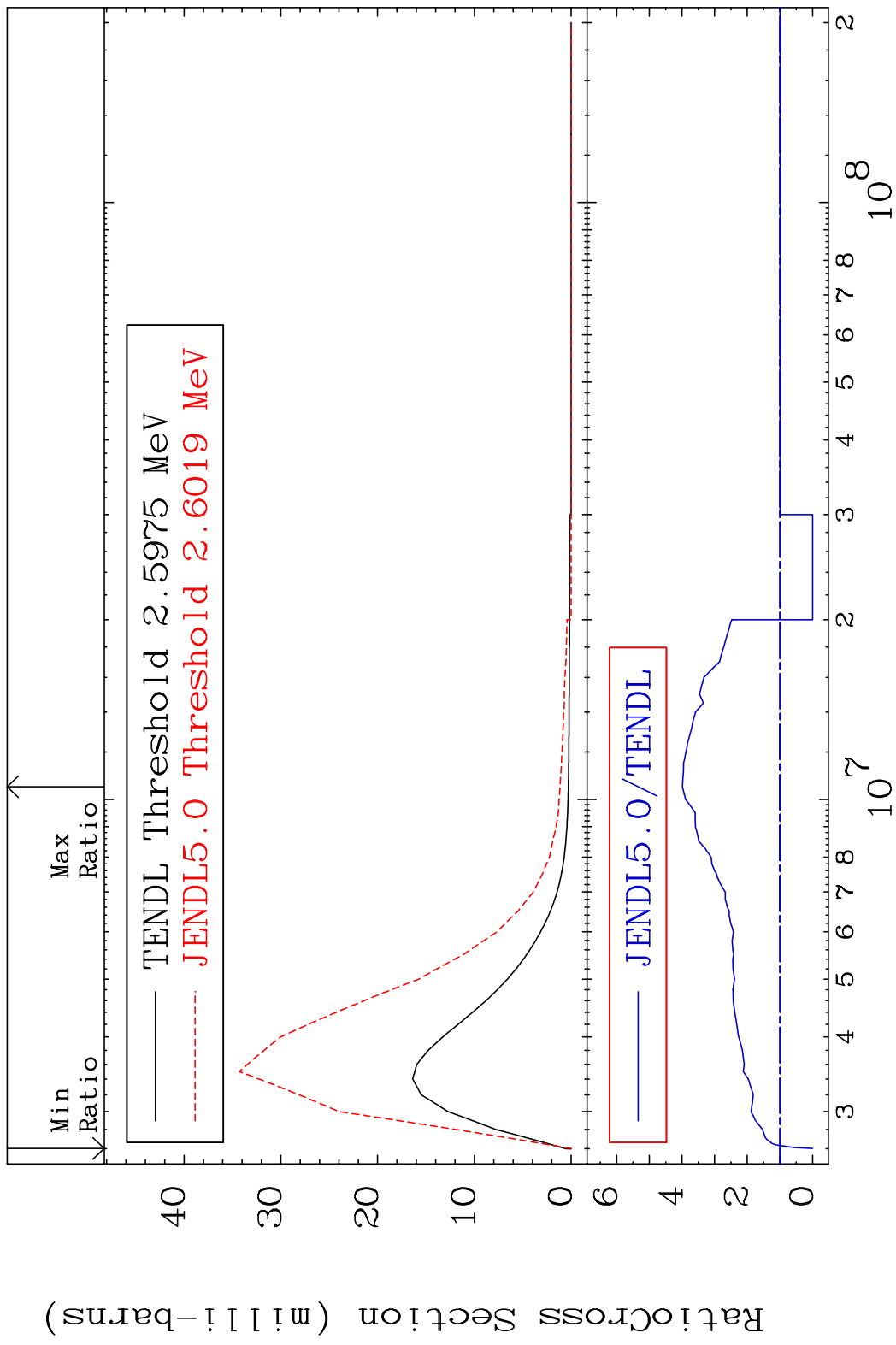
MAT 3125 Dpa inelastic (mt51-91) 31-Ga-69
 Cross Section -67.82 To 9999. %



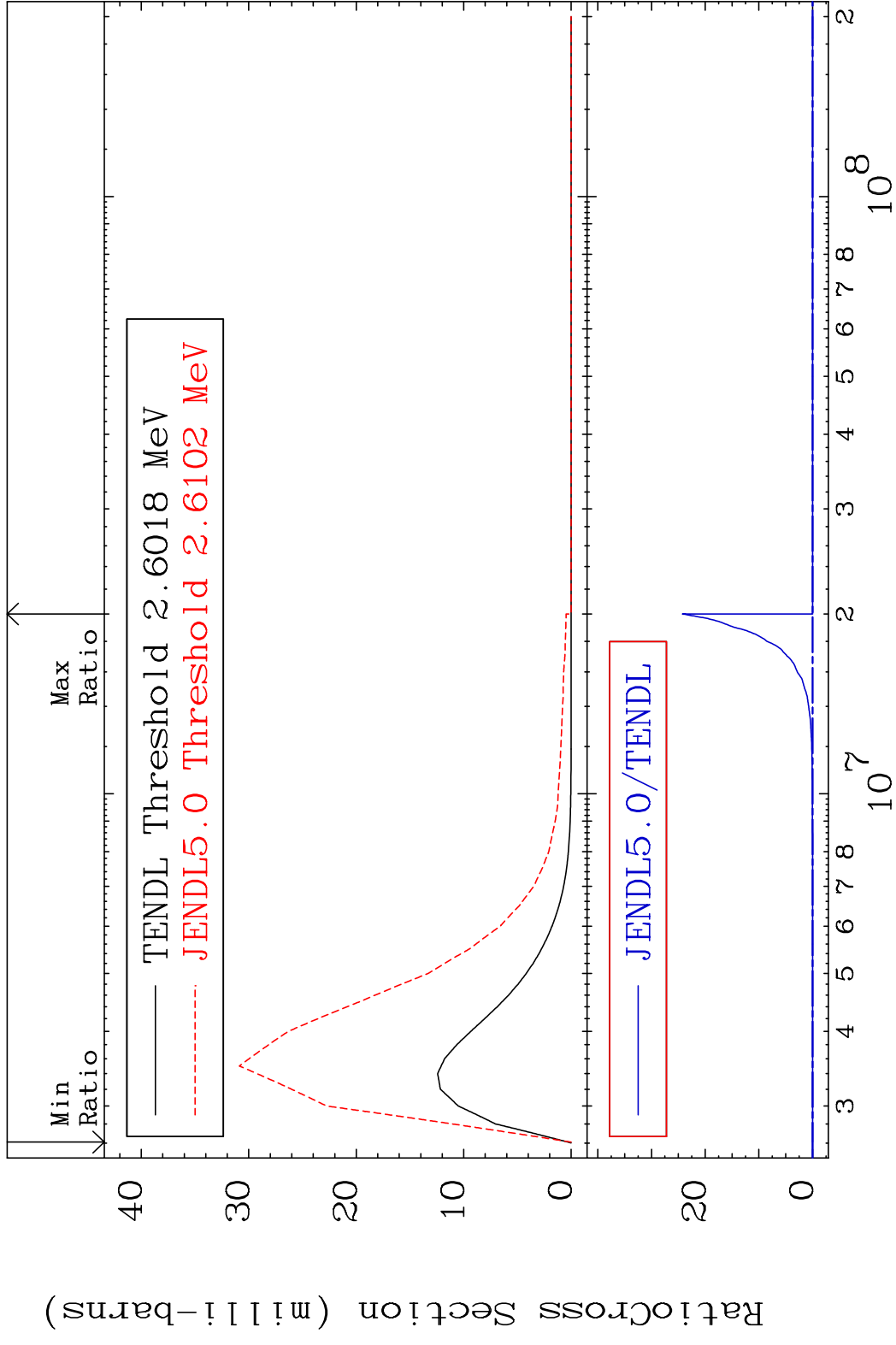
MAT 3125 Dpa disappearance (mt102 -120) 31-Ga-69
 Cross Section -99.77 To 9999. %



MAT 3125 MT= 79 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 298.8 %



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

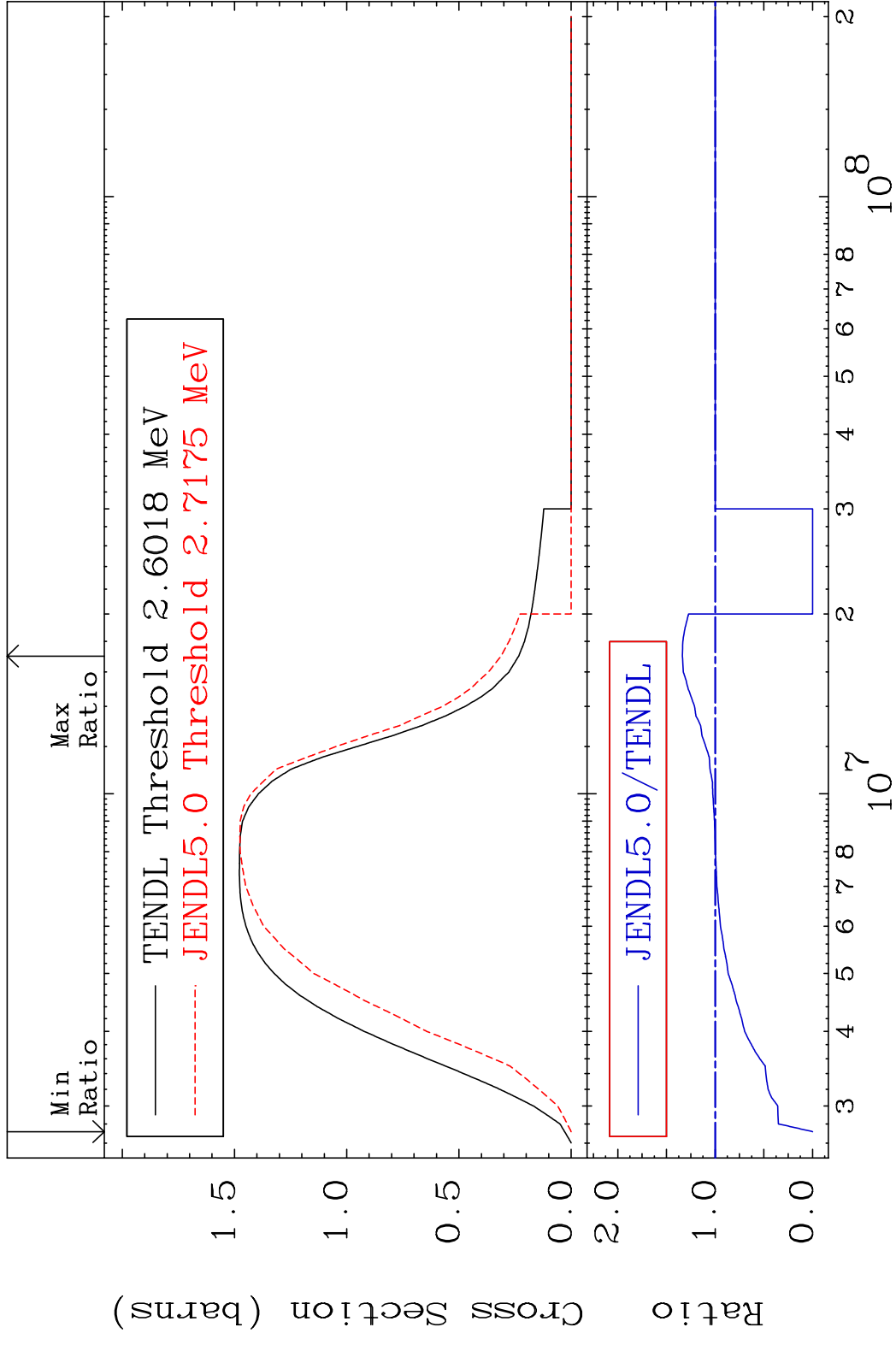


MAT 3125

(n, n') Continuum

31-Ga-69

Cross Section -100.0 To 33.69 %



40

Incident Energy (eV)

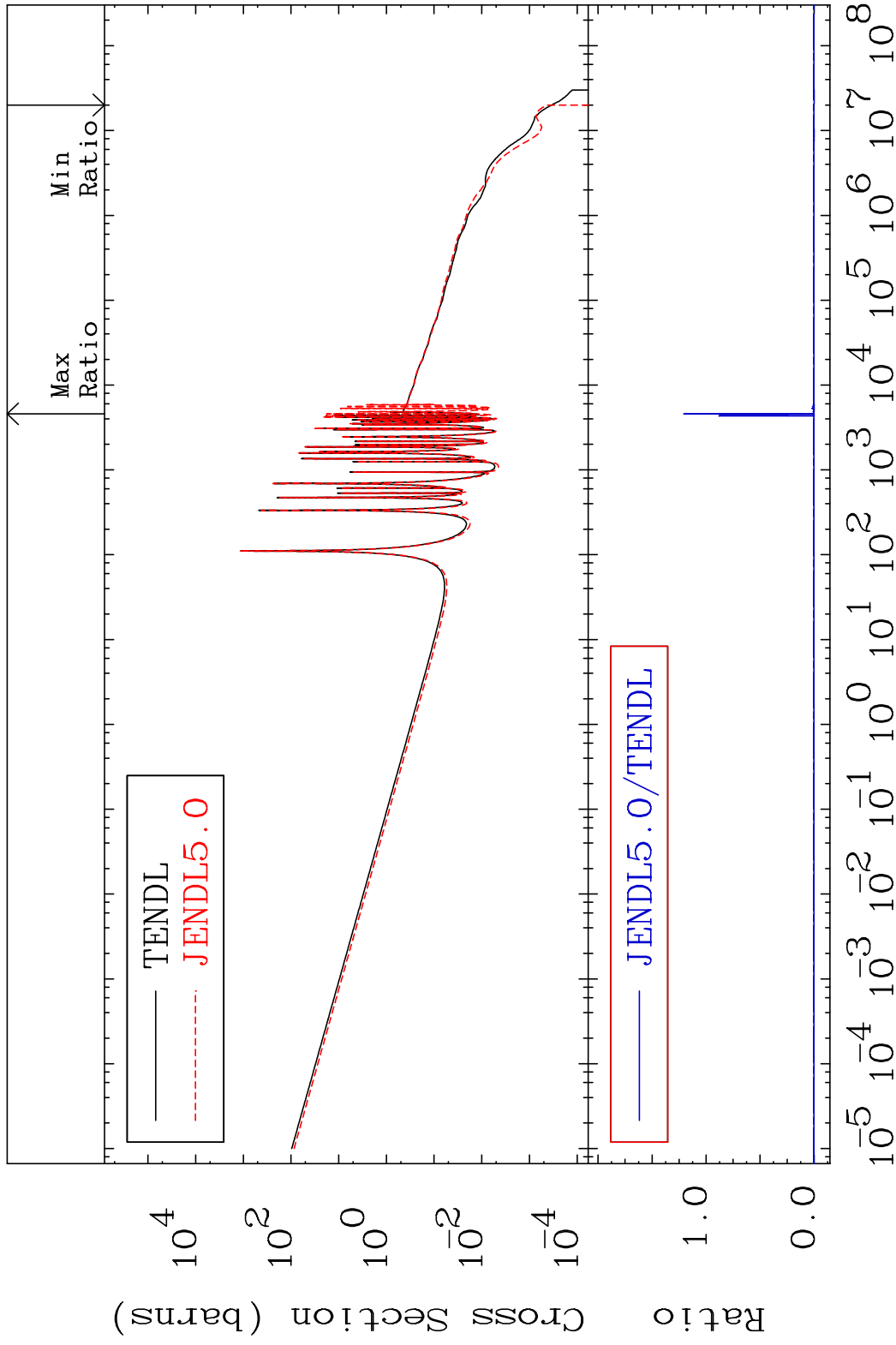
31-Ga-69

MAT 3125

(n, γ)

31-Ga-69

Cross Section -100.0 To 9999. %

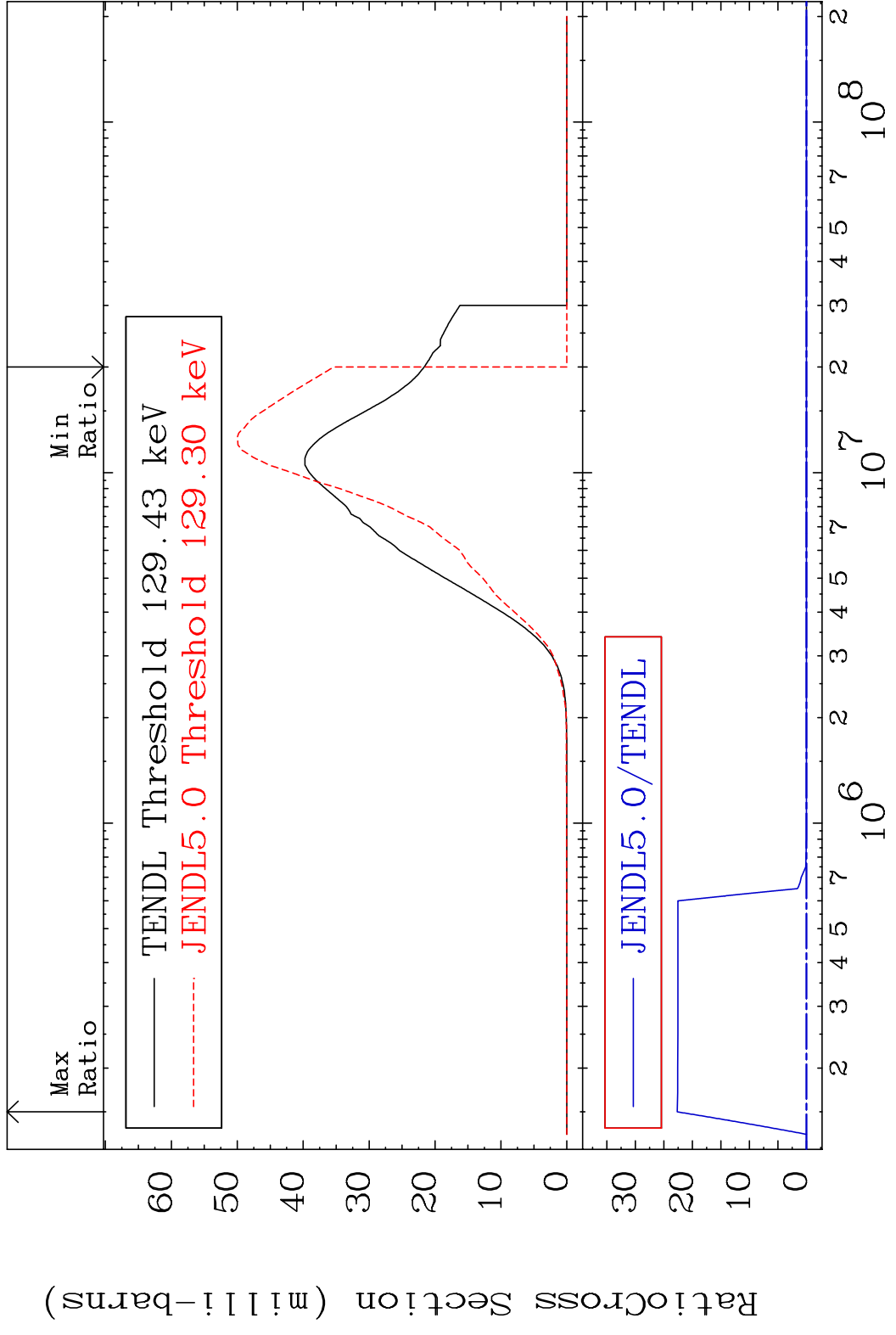


41

Incident Energy (eV)

31-Ga-69

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

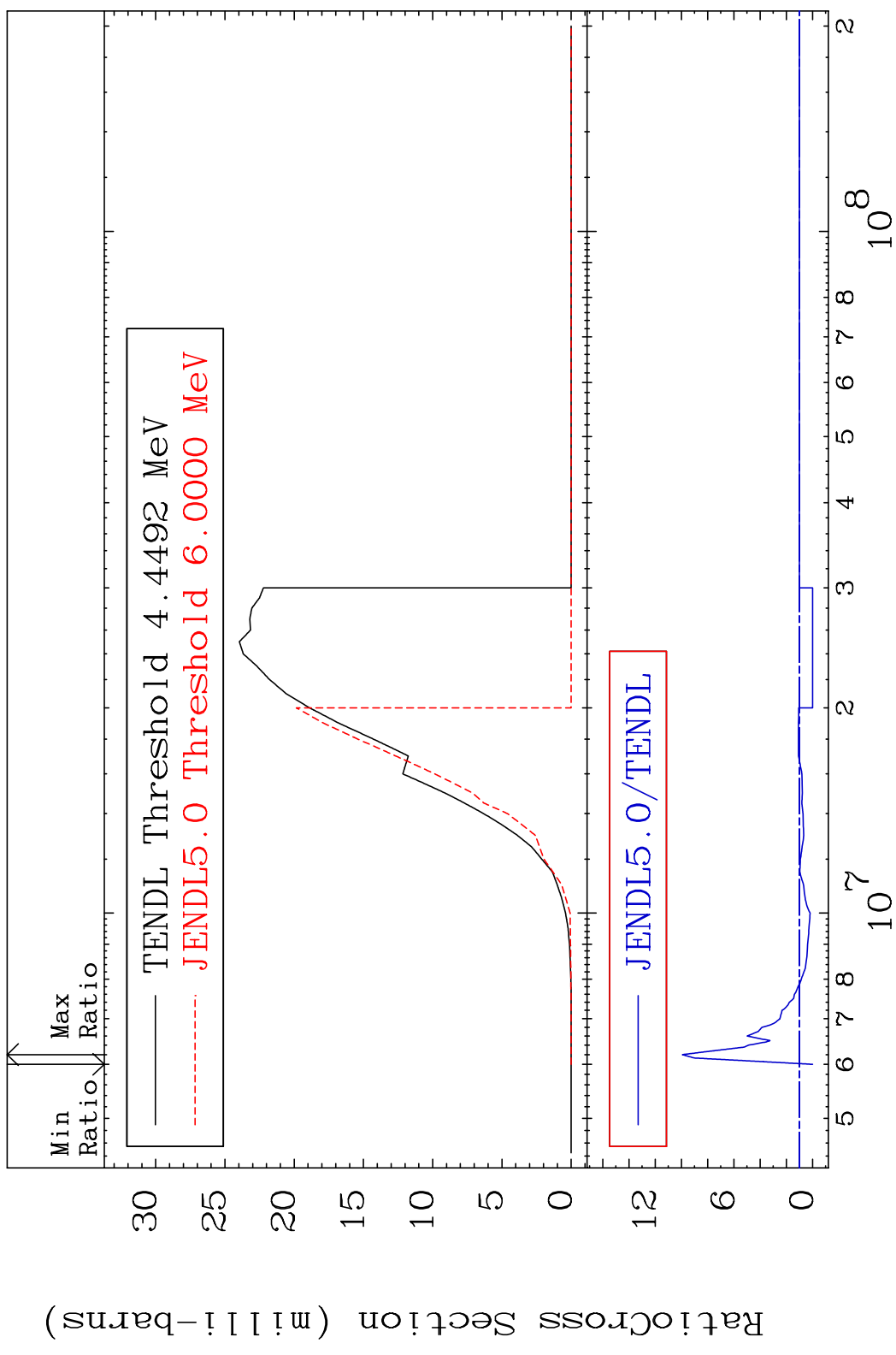


MAT 3125

(n,d)

31-Ga-69

Cross Section -100.0 To 892.8 %

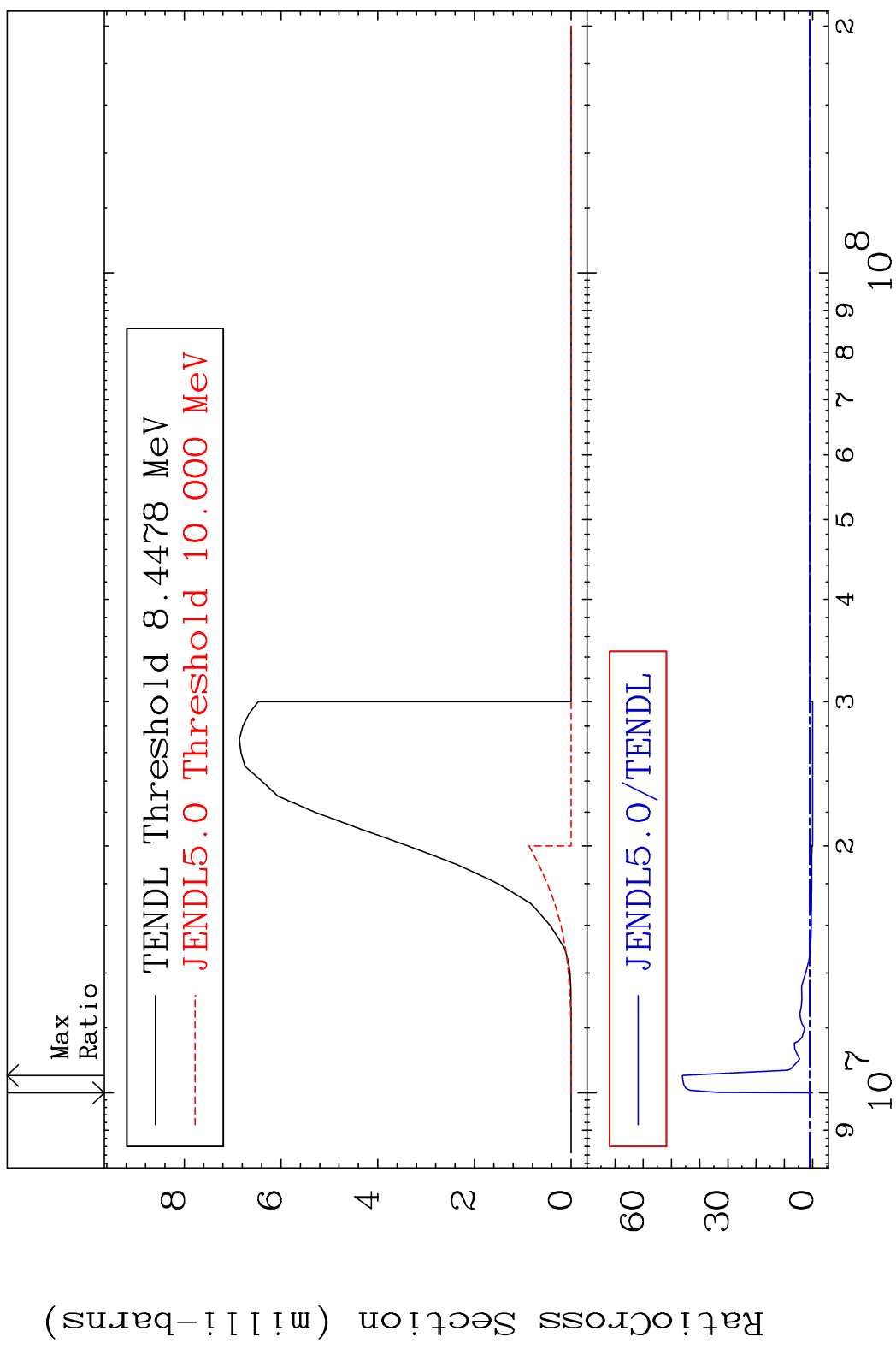


MAT 3125

(n, t)

31-Ga-69

Cross Section -100.0 To 4514. %

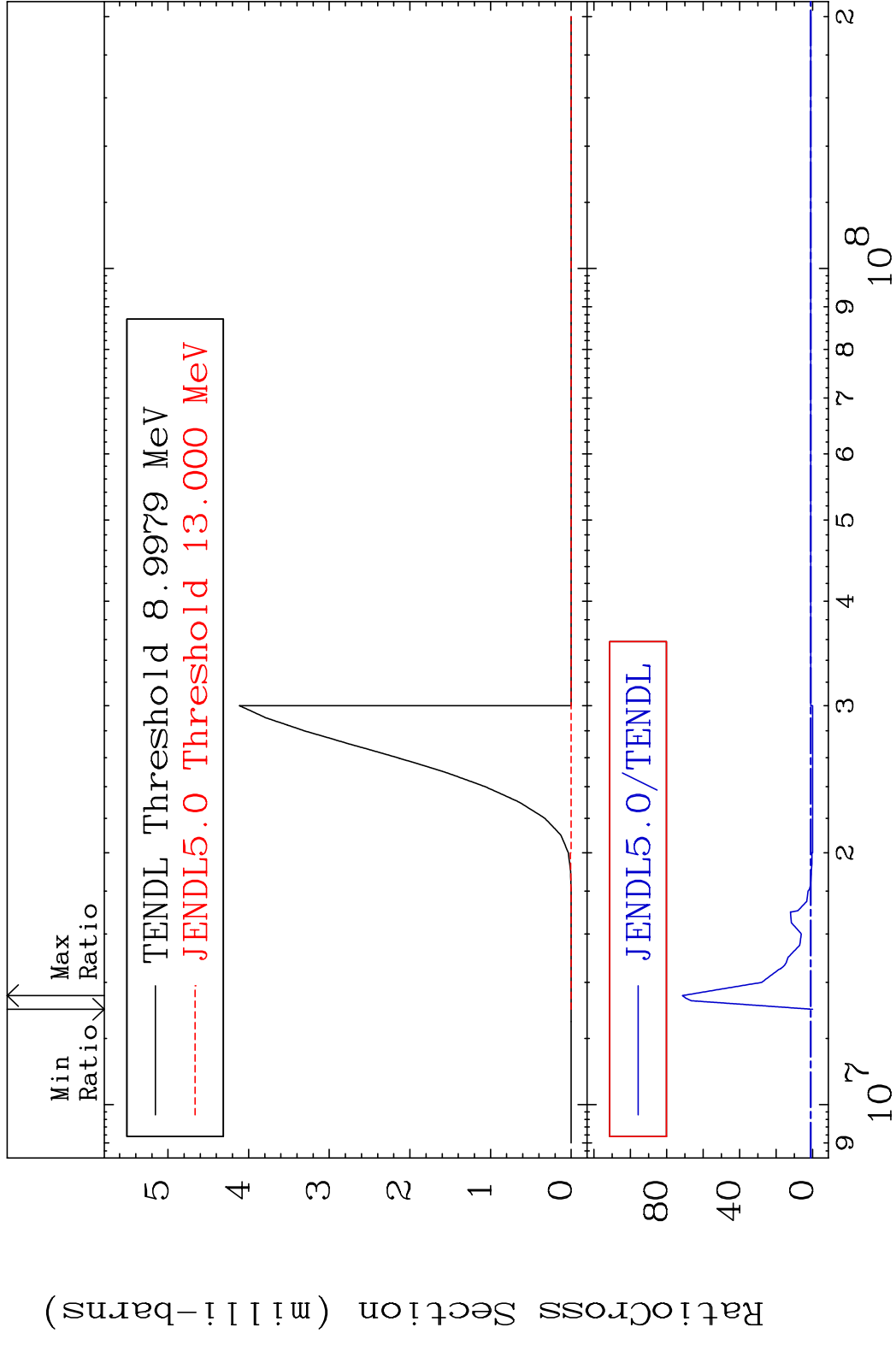


44

Incident Energy (eV)

31-Ga-69

MAT 3125 (n, He-3) 31-Ga-69
 Cross Section -100.0 To 7044. %



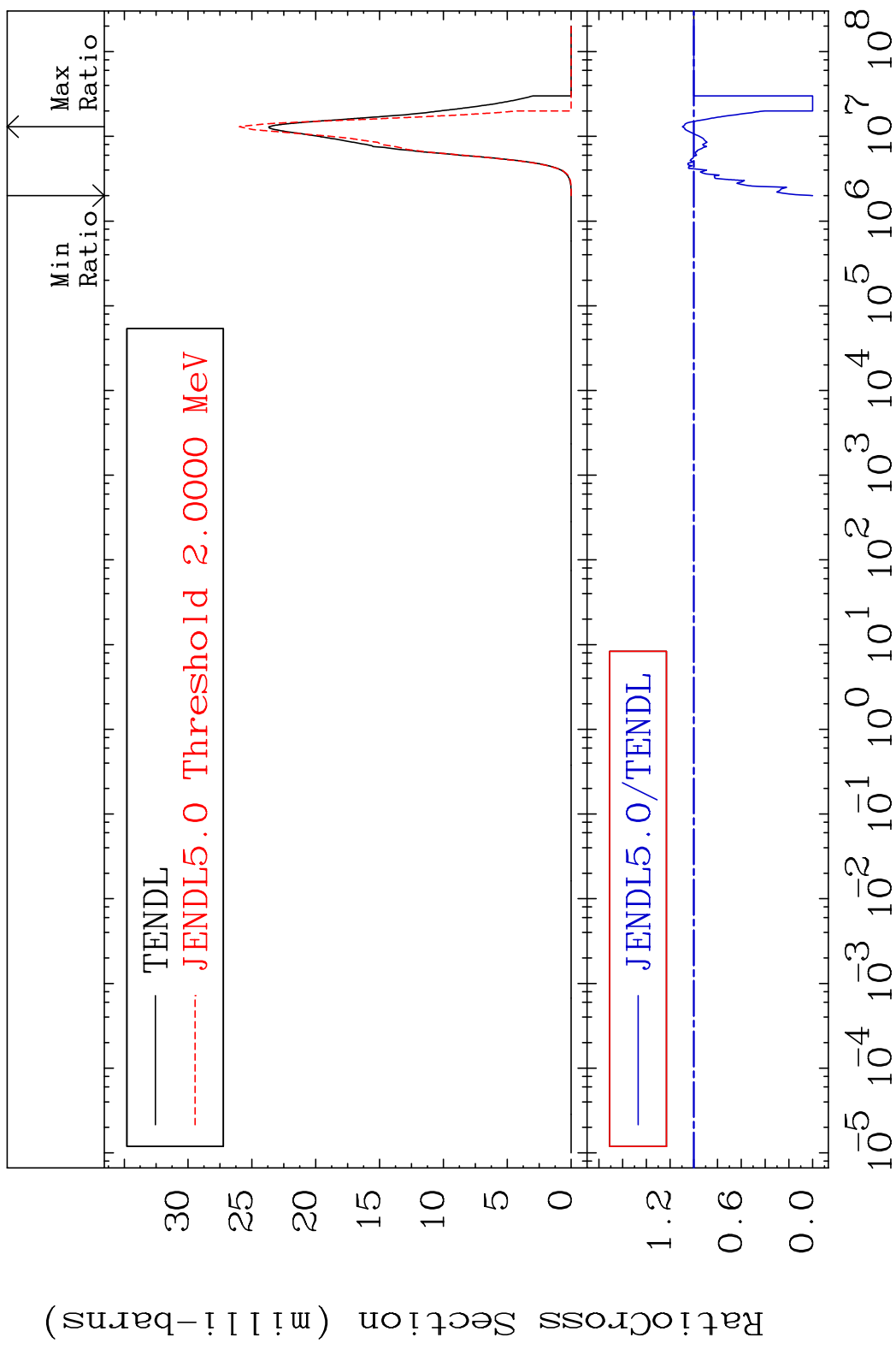
45 Incident Energy (eV) 31-Ga-69

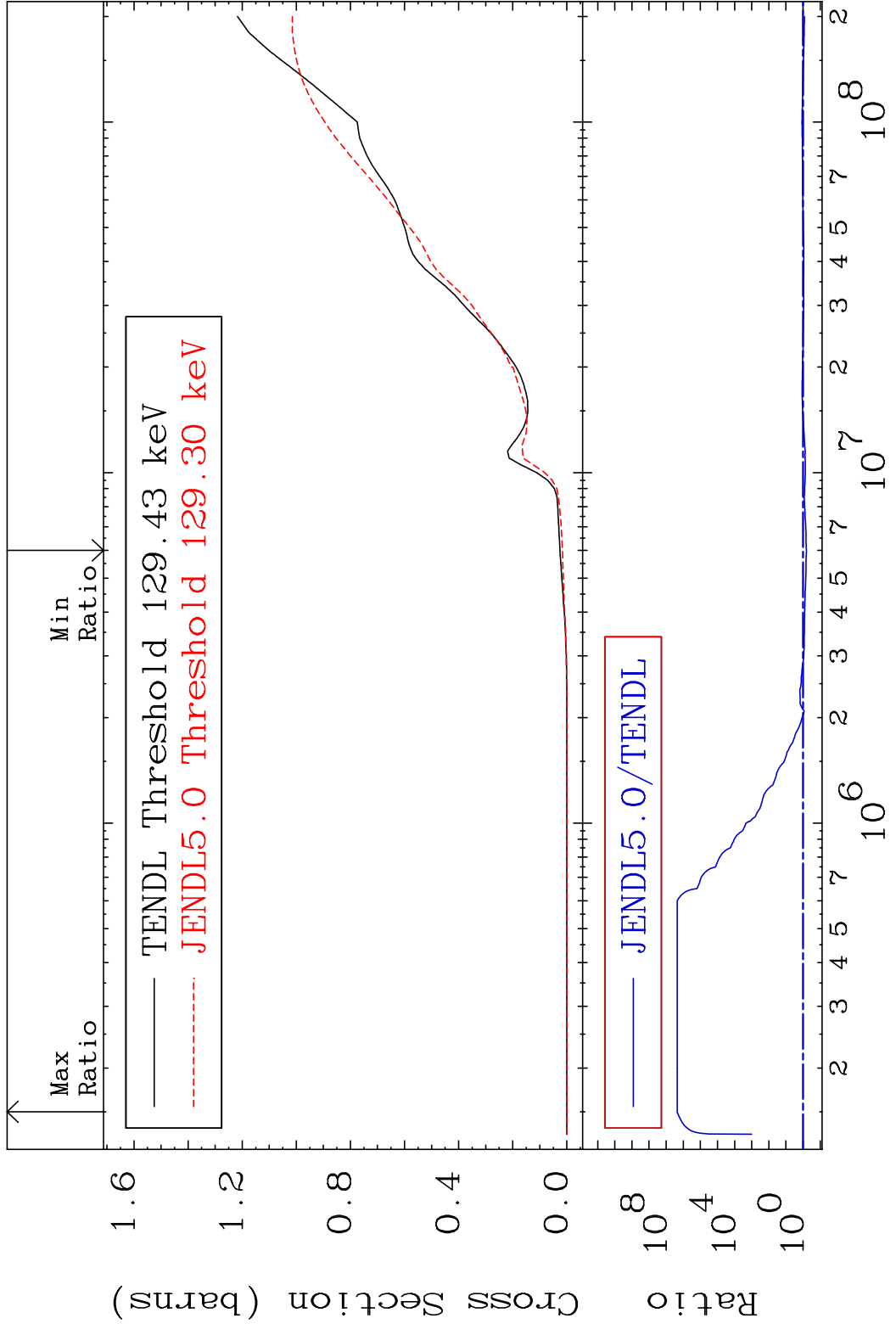
MAT 3125

(n, α)

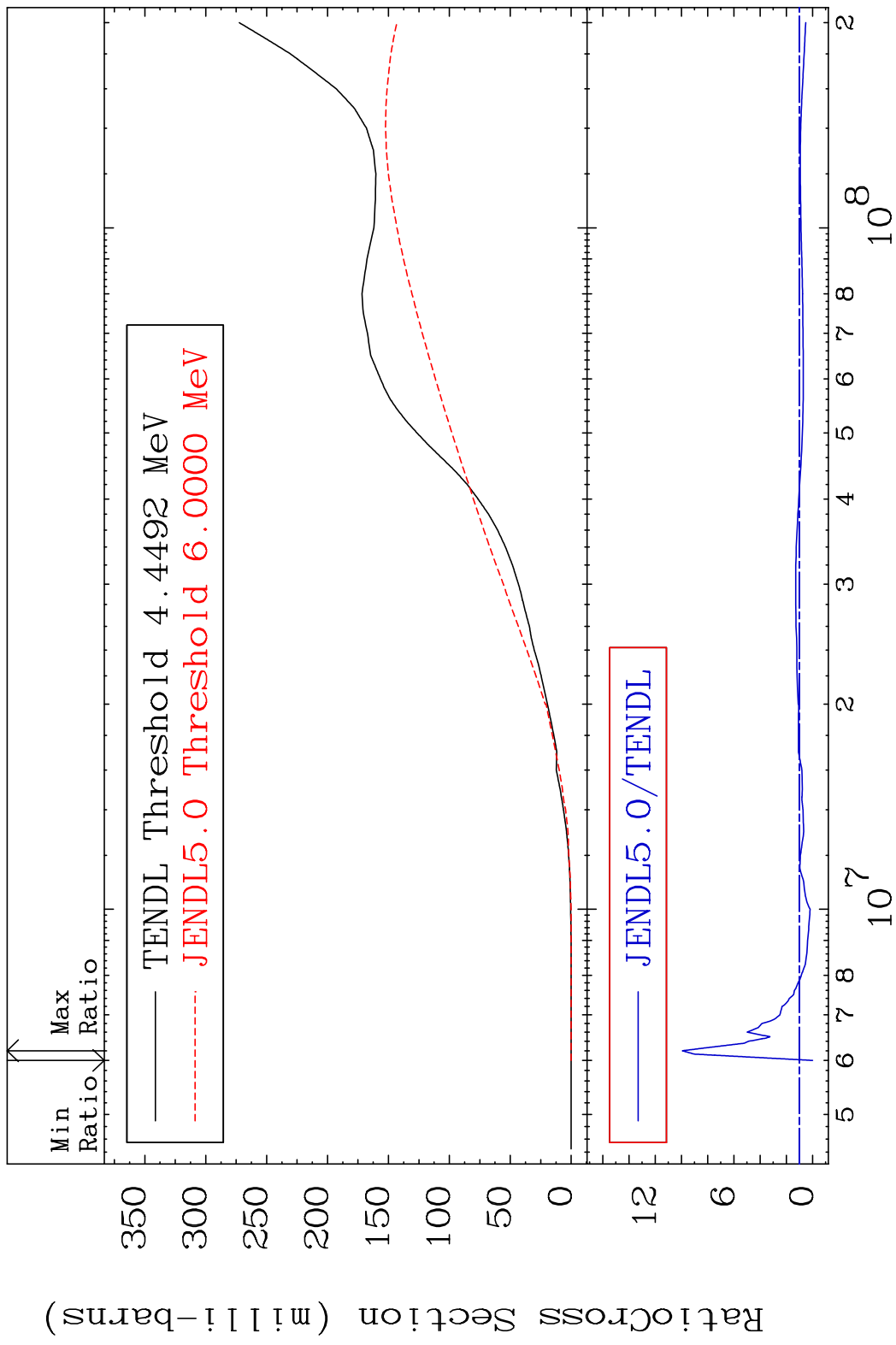
31-Ga-69

Cross Section -100.0 To 9.652 %



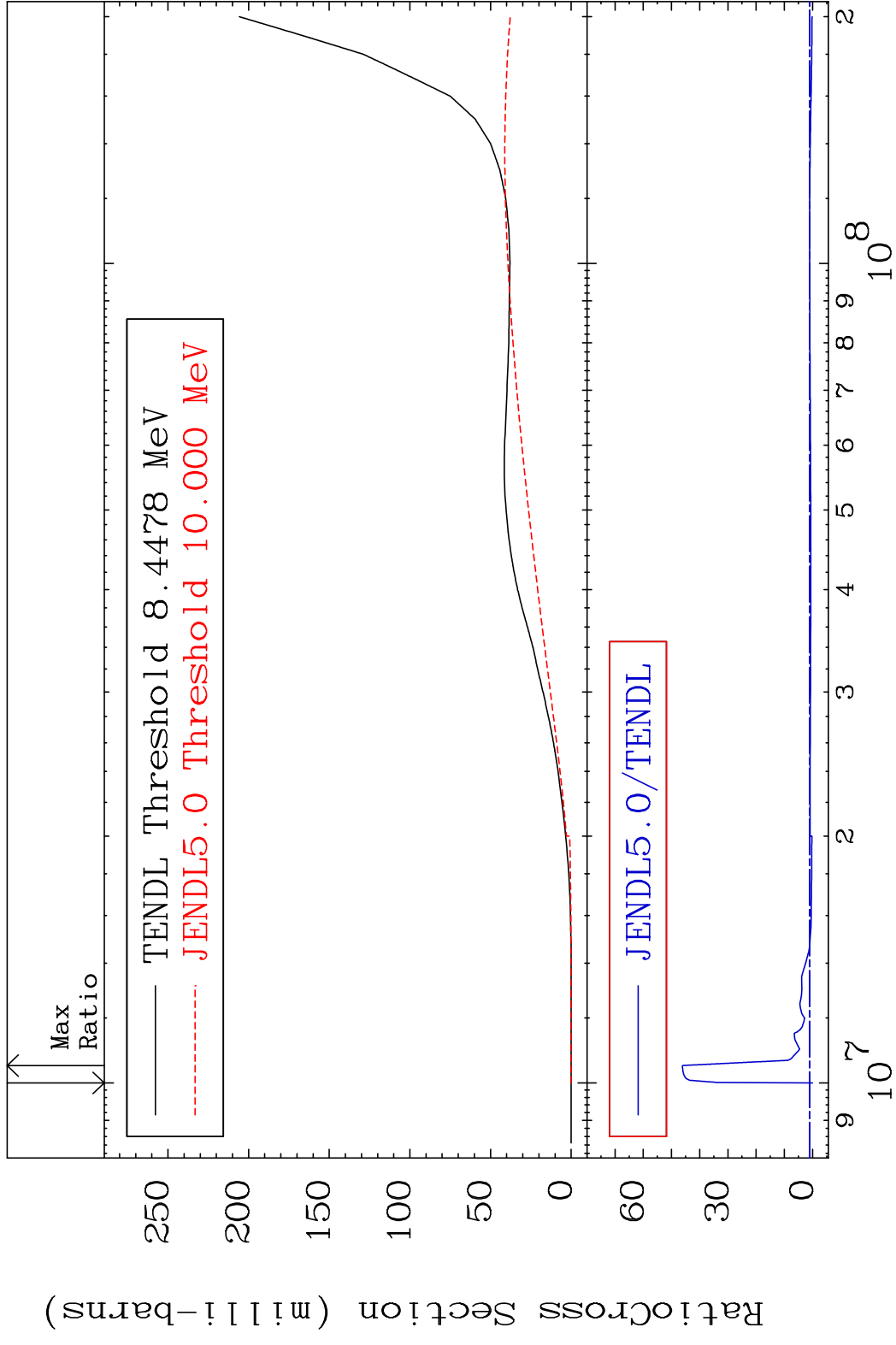


MAT 3125 Deuterium Production 31-Ga-69
 Cross Section -100.0 To 892.8 %



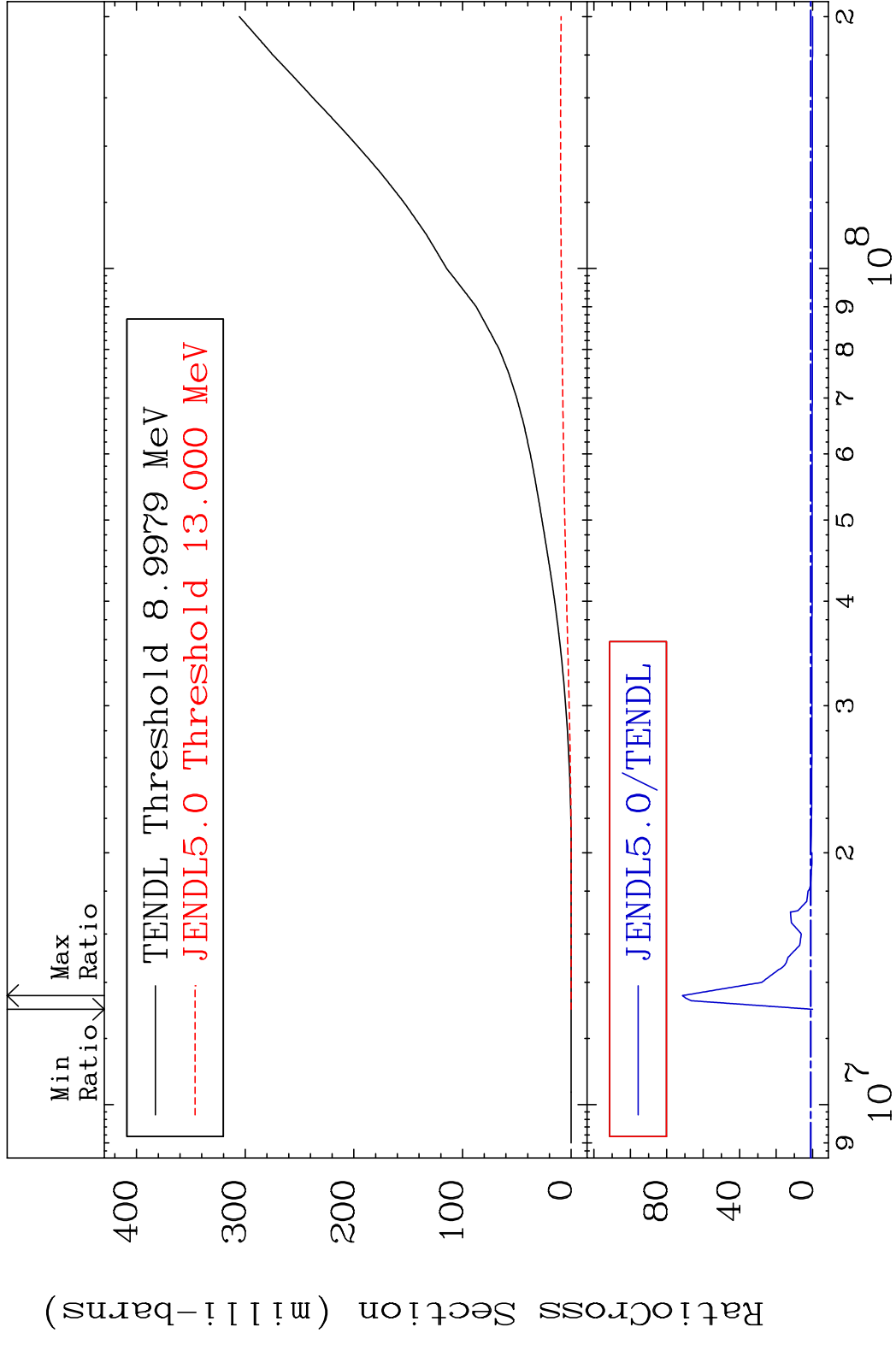
48 31-Ga-69

MAT 3125 Tritium Production 31-Ga-69
 Cross Section -100.0 To 4514. %



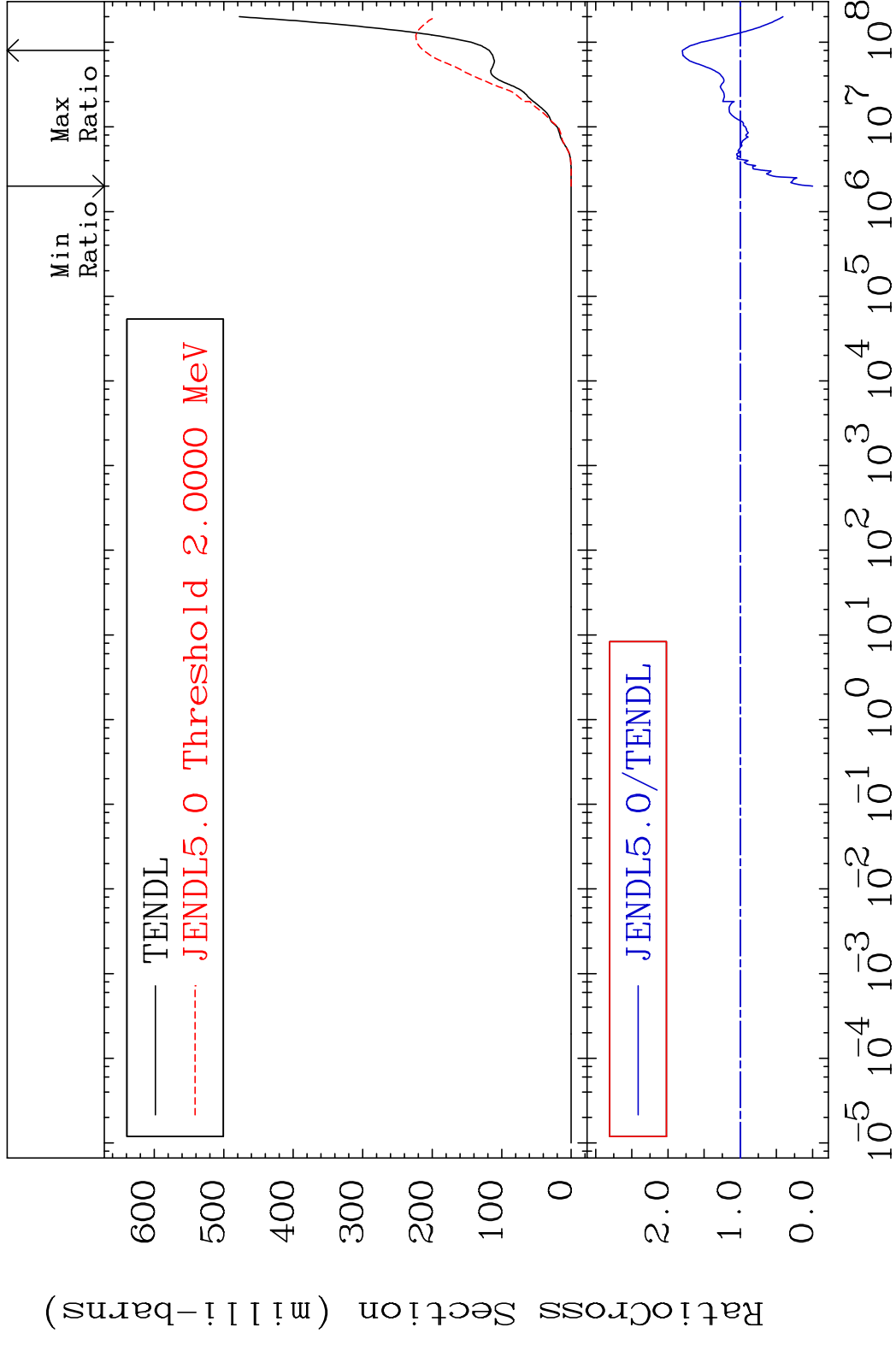
49 Incident Energy (eV) 31-Ga-69

MAT 3125 He-3 Production 31-Ga-69
 Cross Section -100.0 To 7044. %

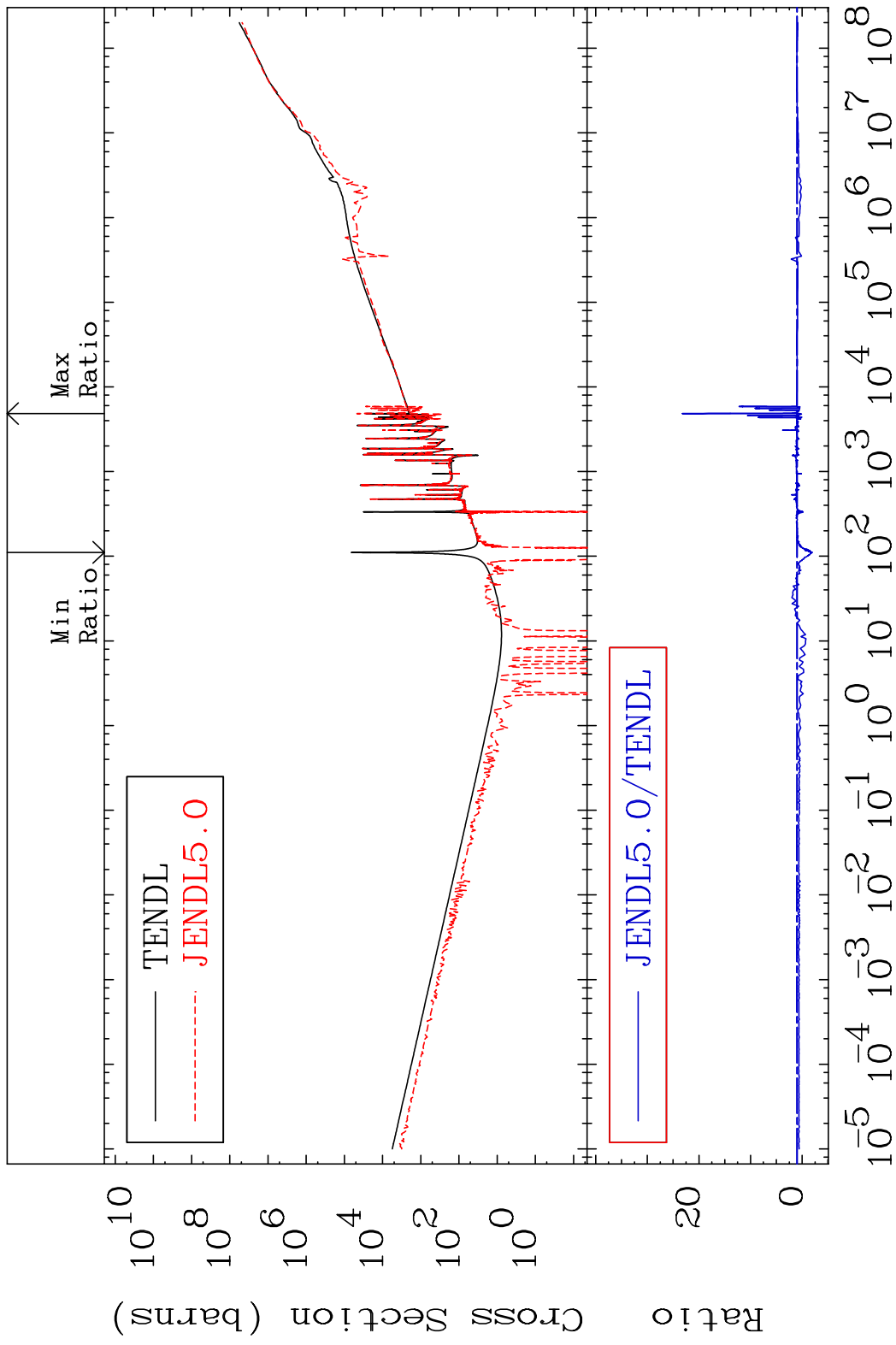


50 Incident Energy (eV) 31-Ga-69

Cross Section -100.0 To 80.15 %

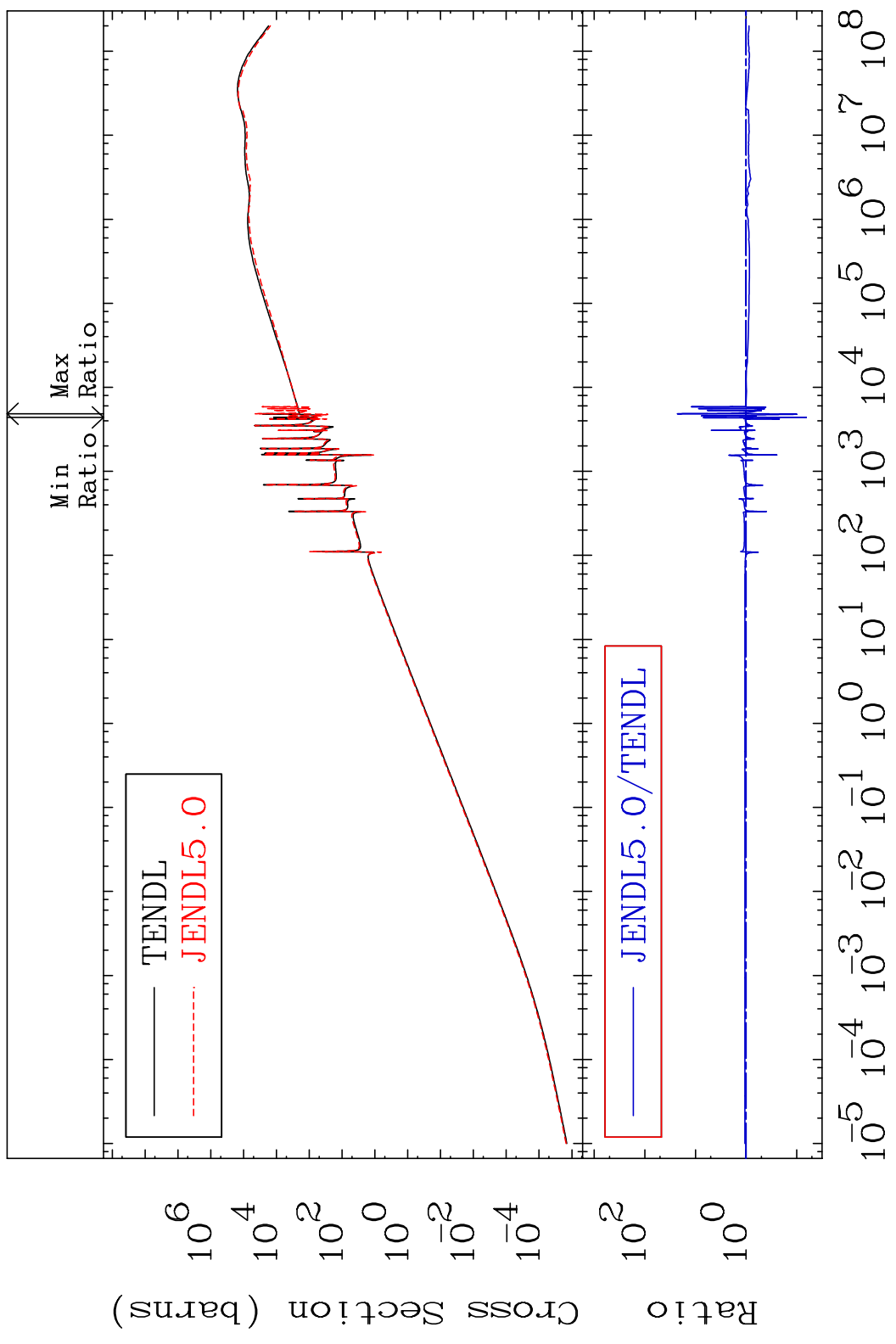


MAT 3125 Kerma total (eV-barns) 31-Ga-69
 Cross Section -301.1 To 2221. %



MAT 3125

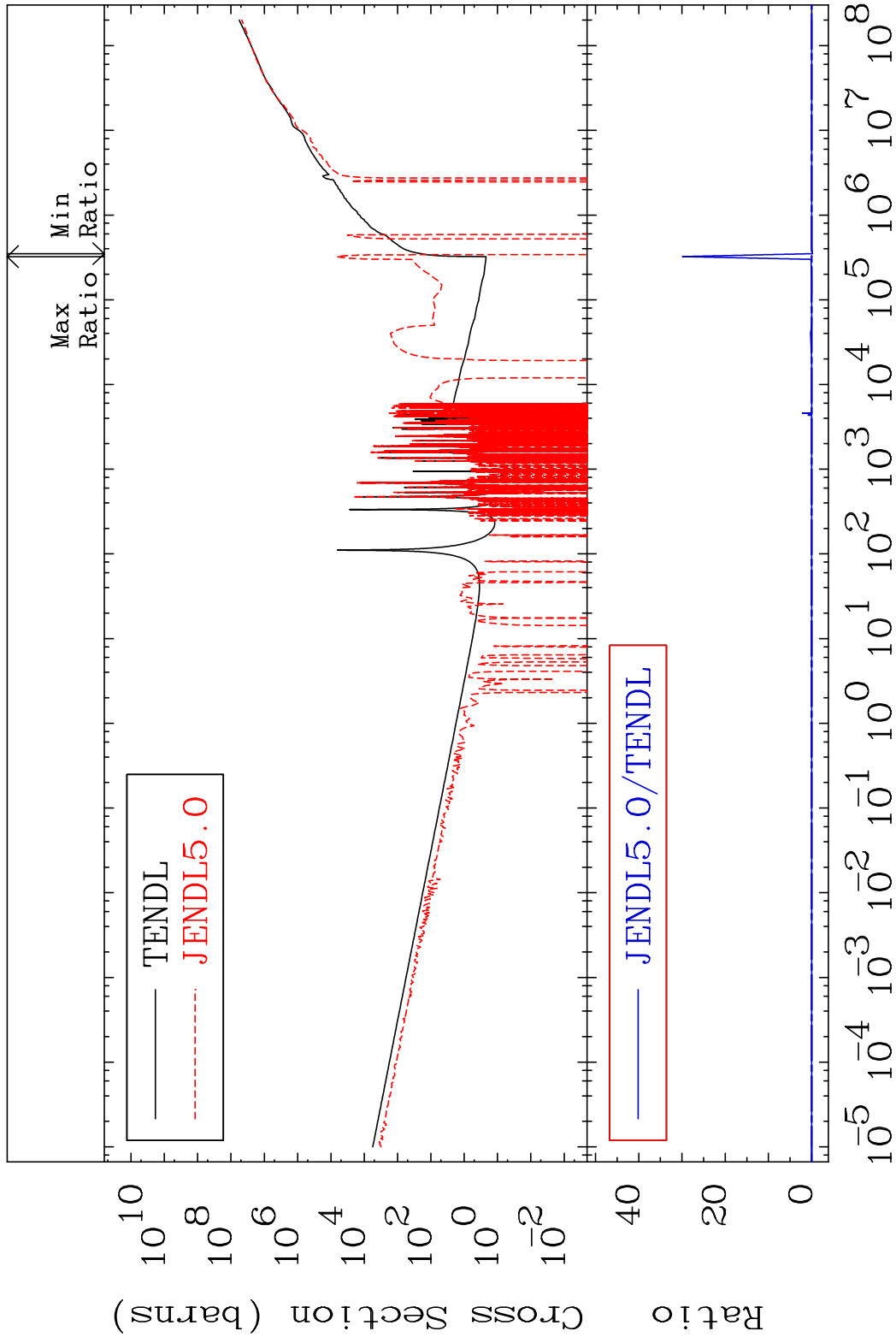
Kerma elastic Cross Section -93.55 To 2198. %
31-Ga-69



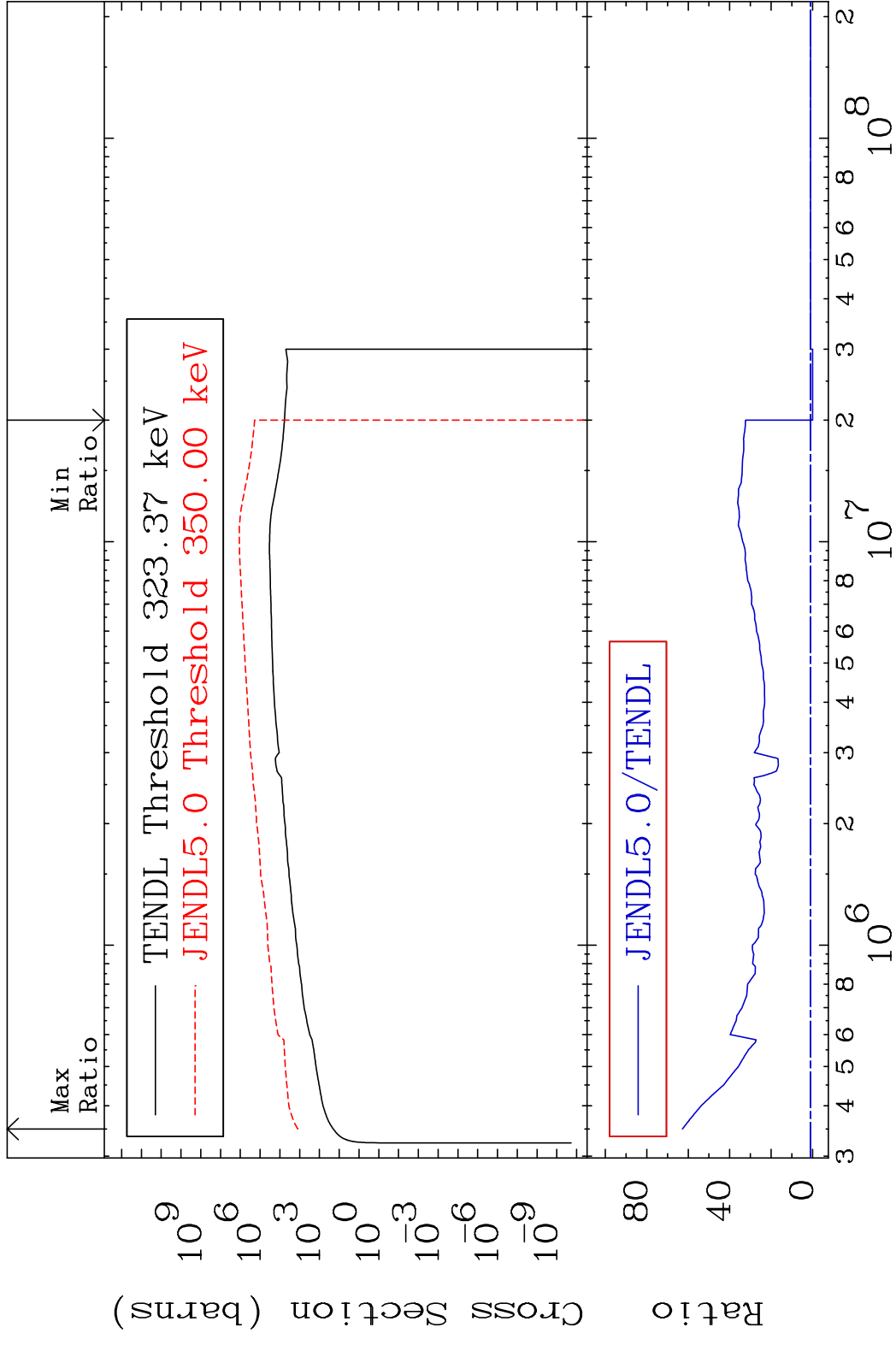
53

Incident Energy (eV) 31-Ga-69

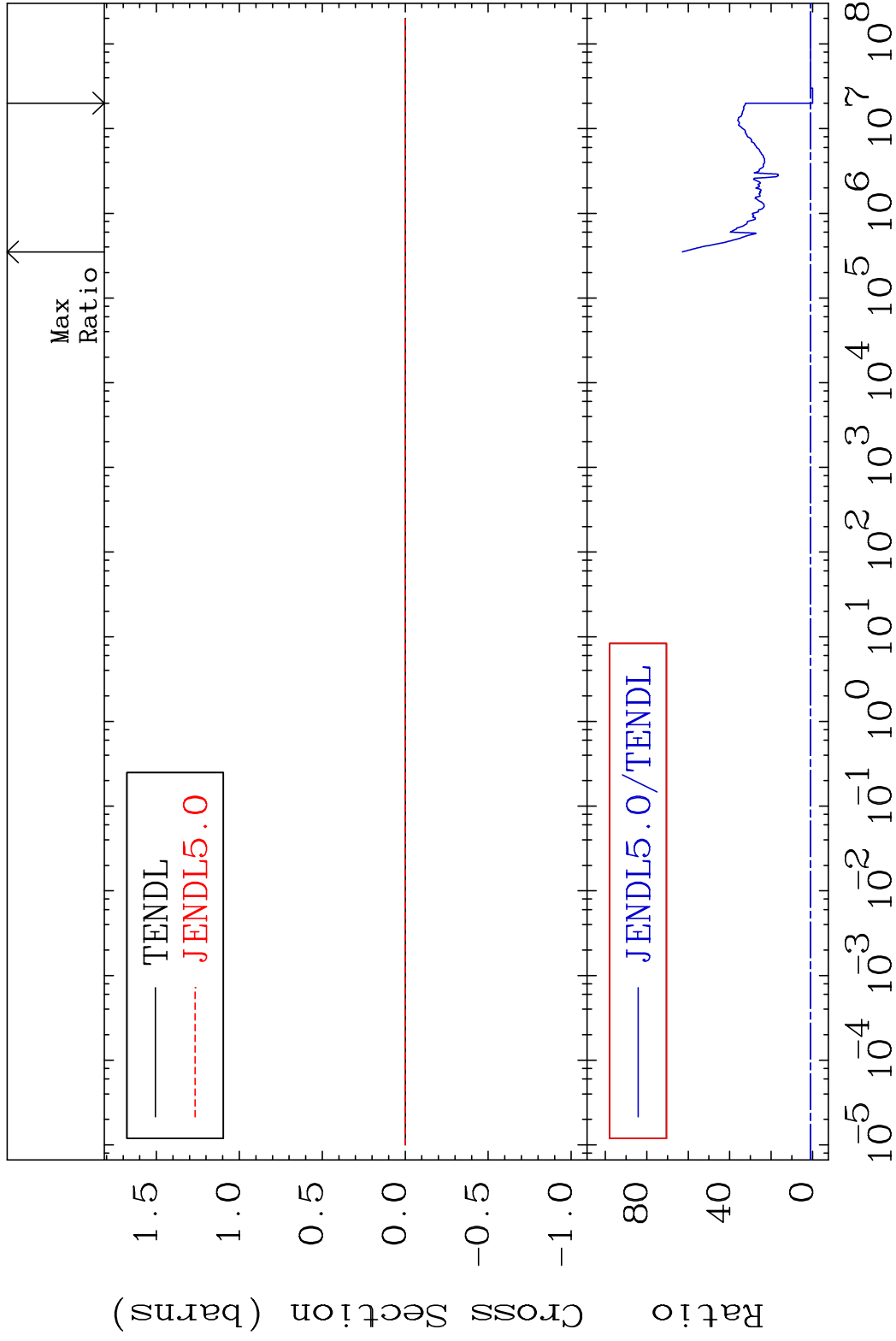
MAT 3125 Kerma non-elastic (all but mt2) 31-Ga-69
 Cross Section -9999. To 9999. %



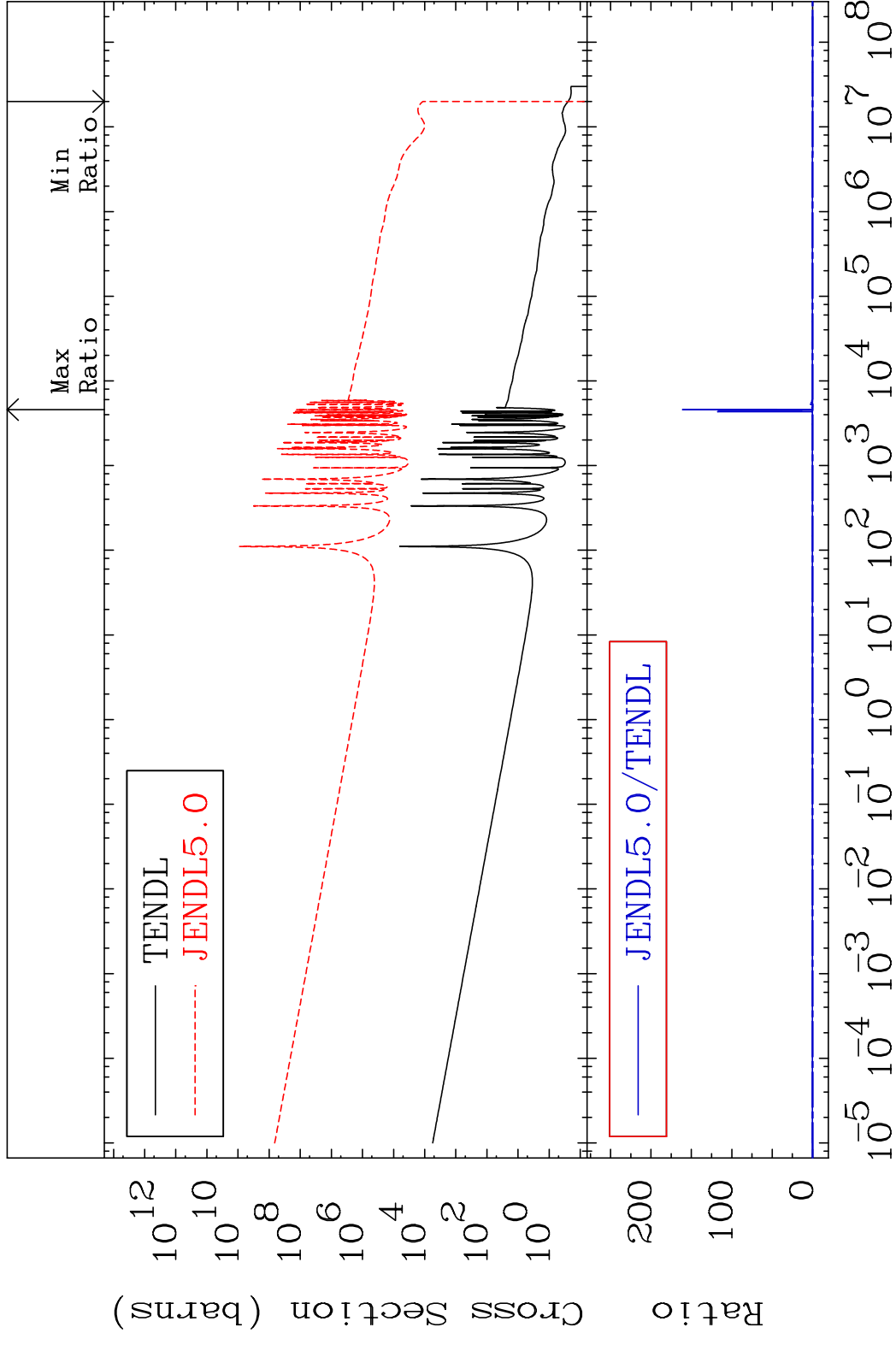
MAT 3125 Kerma inelastic (mt51-91) 31-Ga-69
 Cross Section -100.0 To 6184. %



MAT 3125 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-69
 Cross Section -100.0 To 6184. %

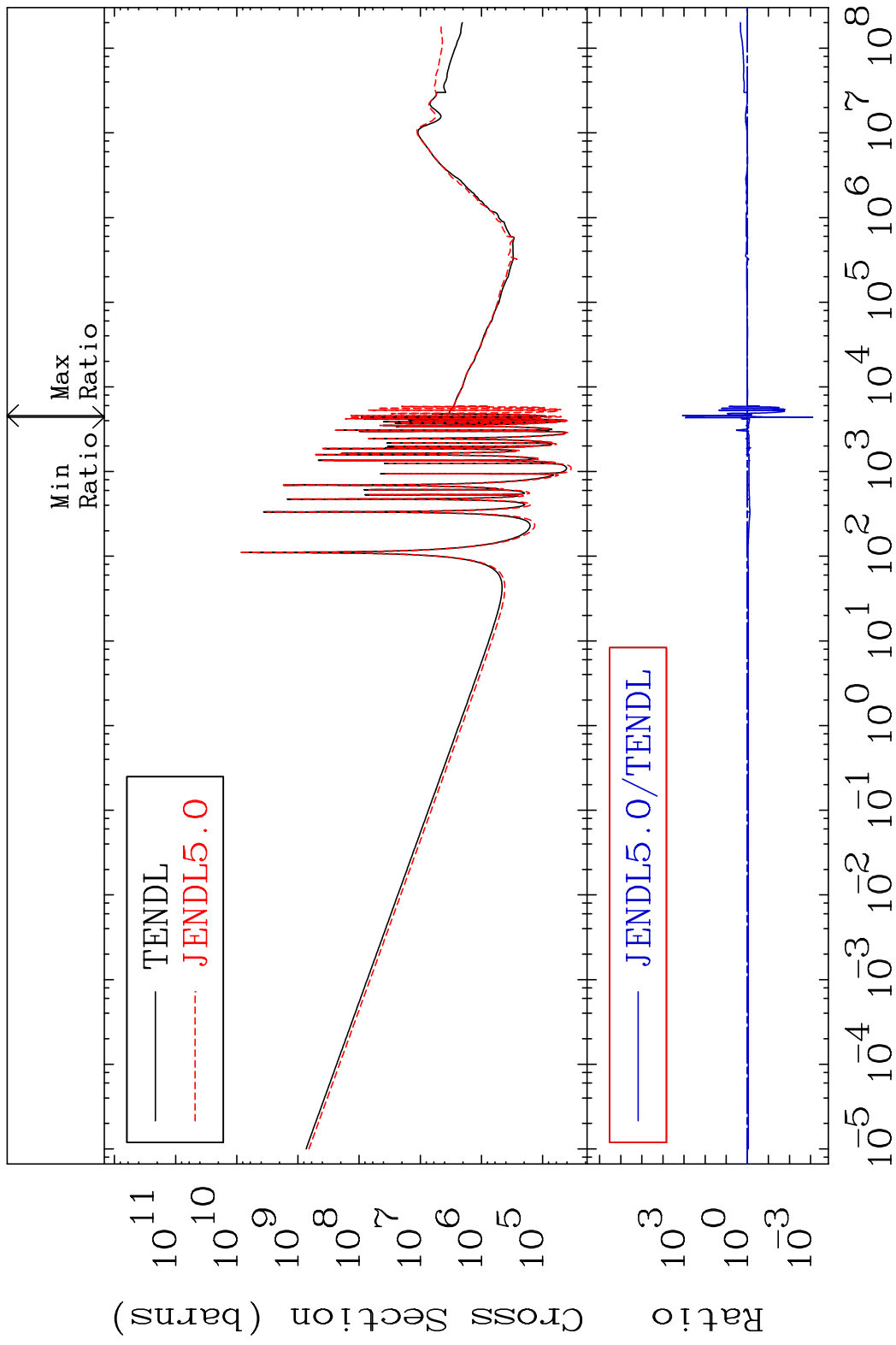


MAT 3125 Kerma capture (mt102) 31-Ga-69
 Cross Section -100.0 To 9999. %

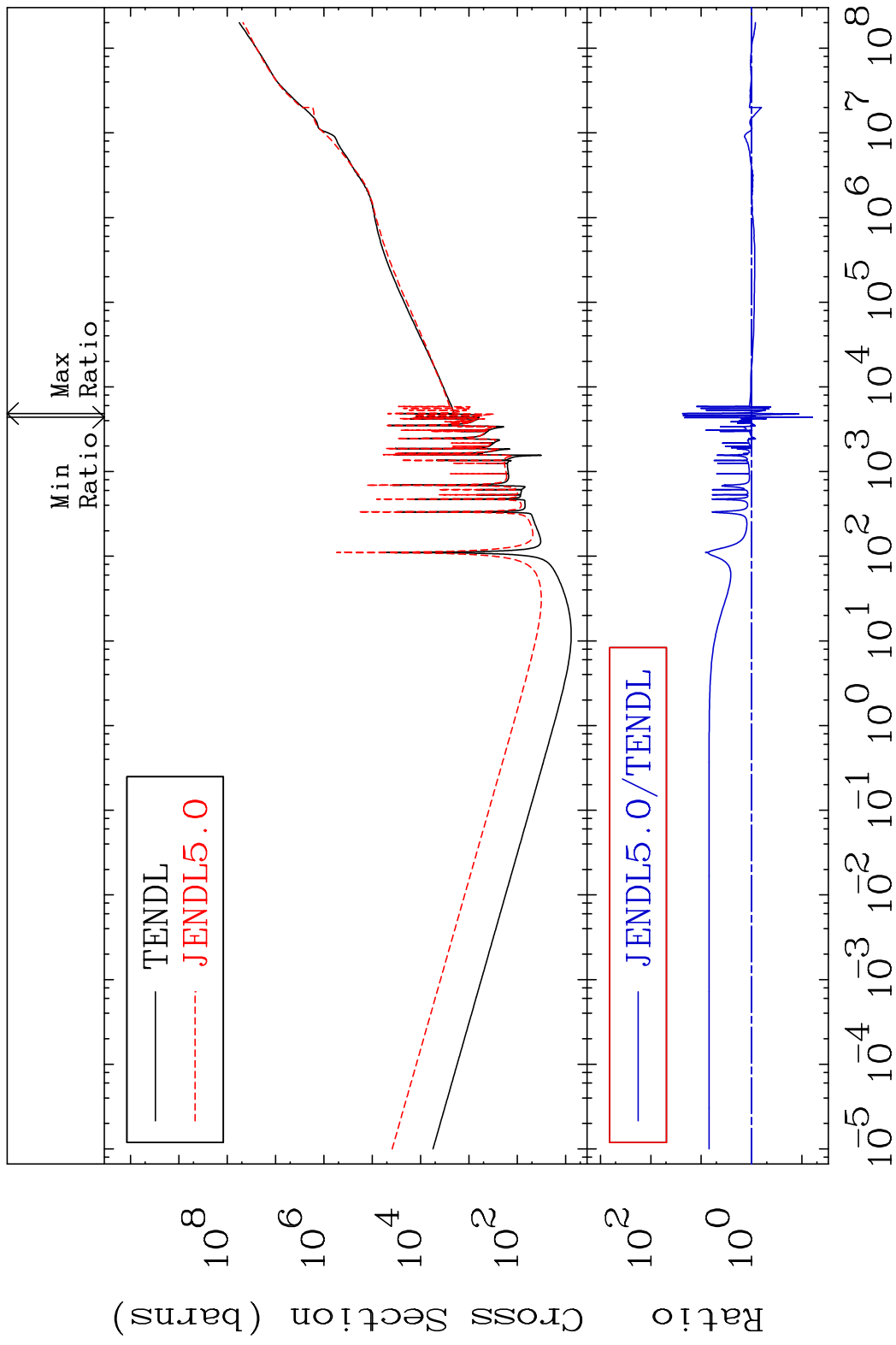


57 Incident Energy (eV) 31-Ga-69

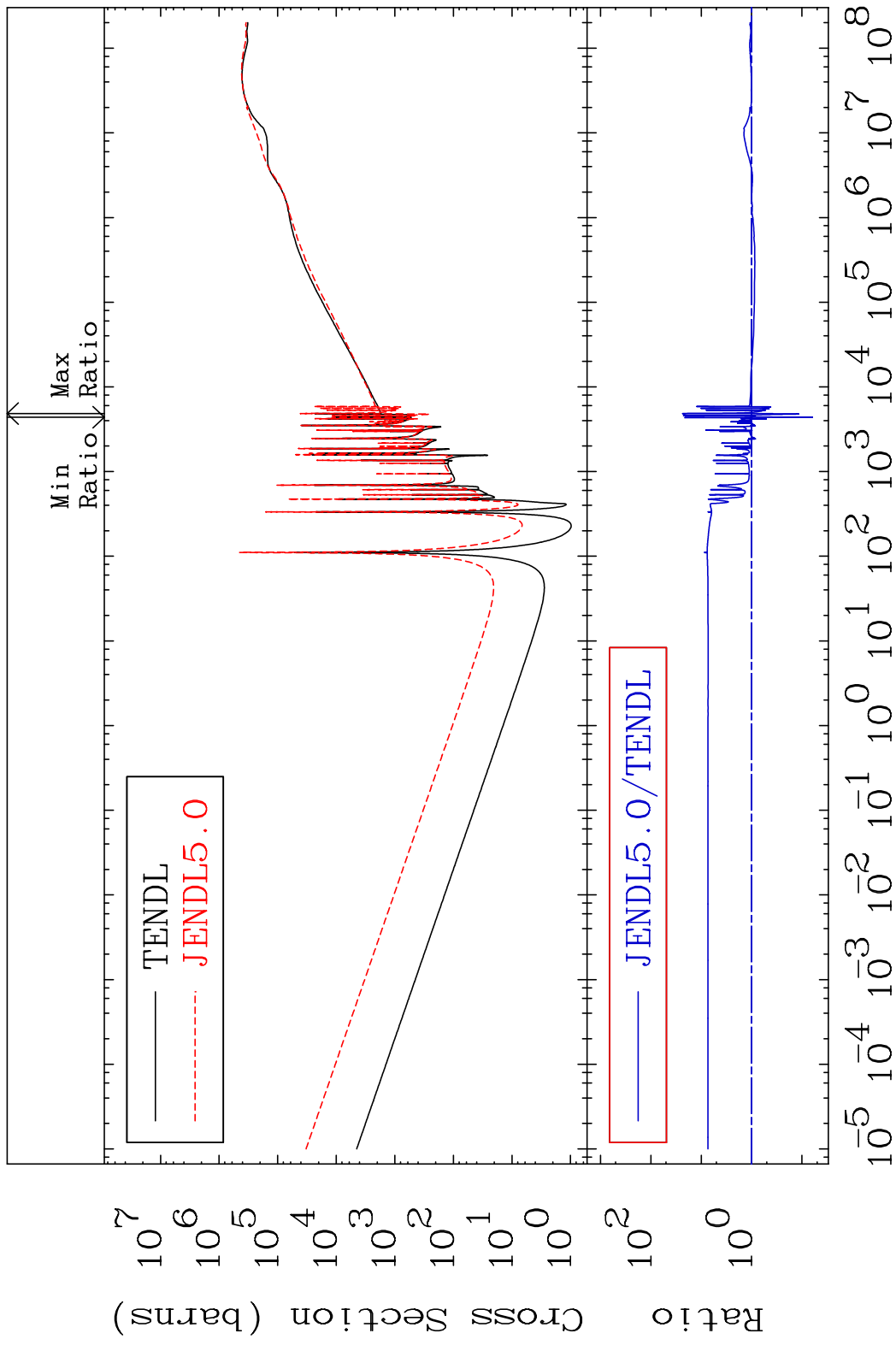
MAT 3125 Total photon (eV-barns) 31-Ga-69
 Cross Section -99.92 To 9999. %



MAT 3125 Total kinematic kerma (high limit) 31-Ga-69
 Cross Section -93.86 To 2268. %



MAT 3125 Dpa total (eV-barns) 31-Ga-69
 Cross Section -93.85 To 2268. %



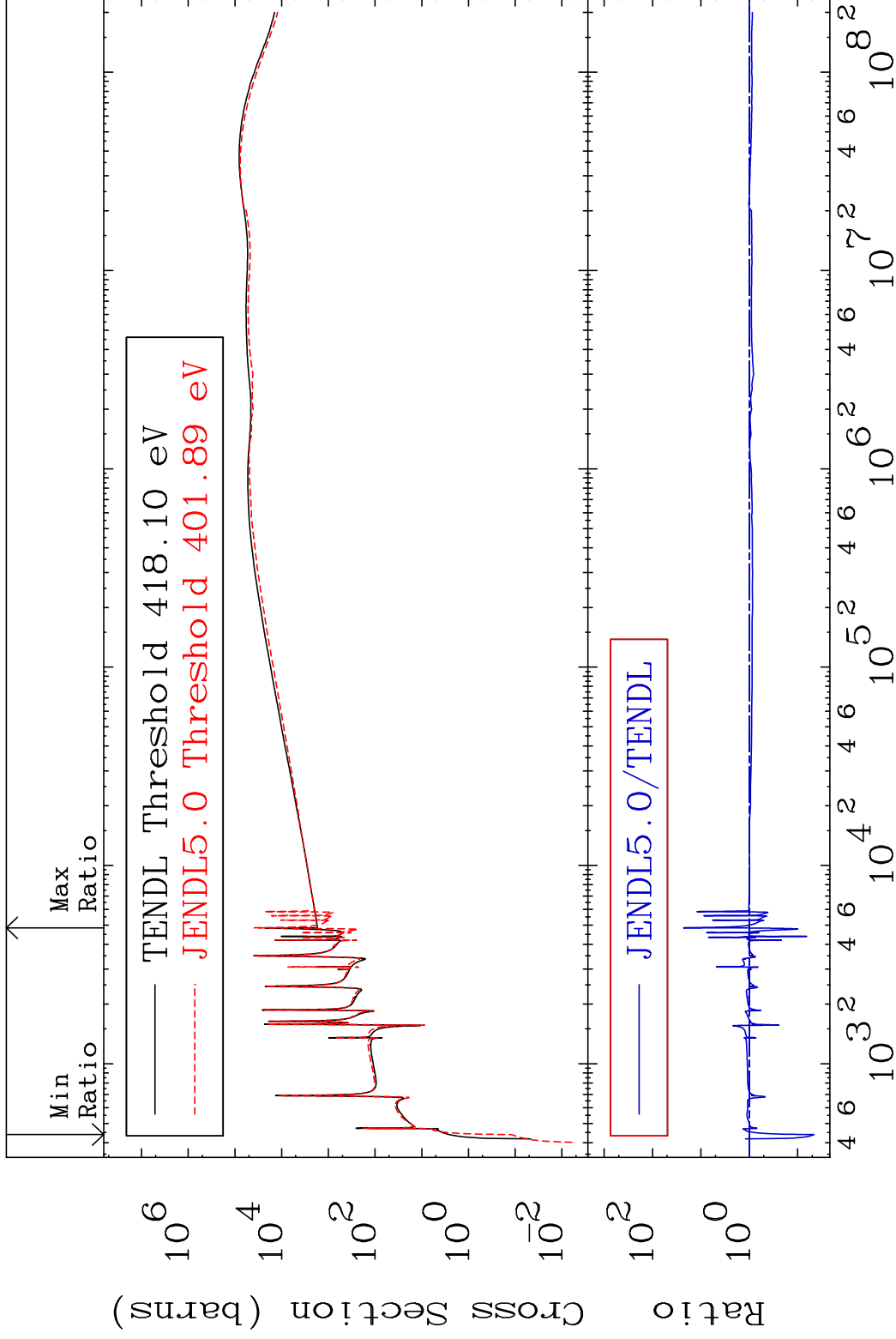
60 Incident Energy (eV) 31-Ga-69

MAT 3125

Dpa elastic (mt2)

31-Ga-69

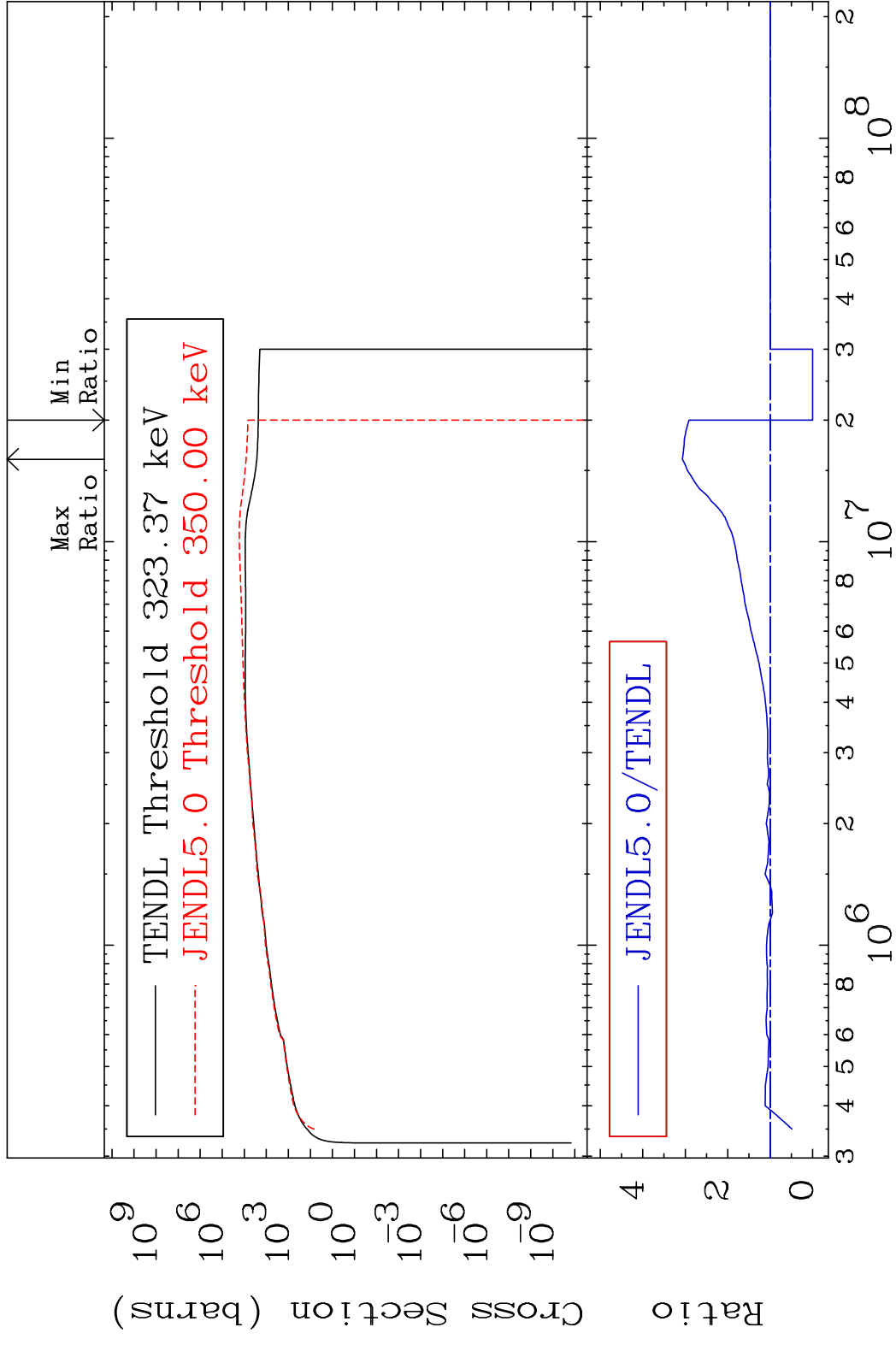
Cross Section -95.42 To 2198. %



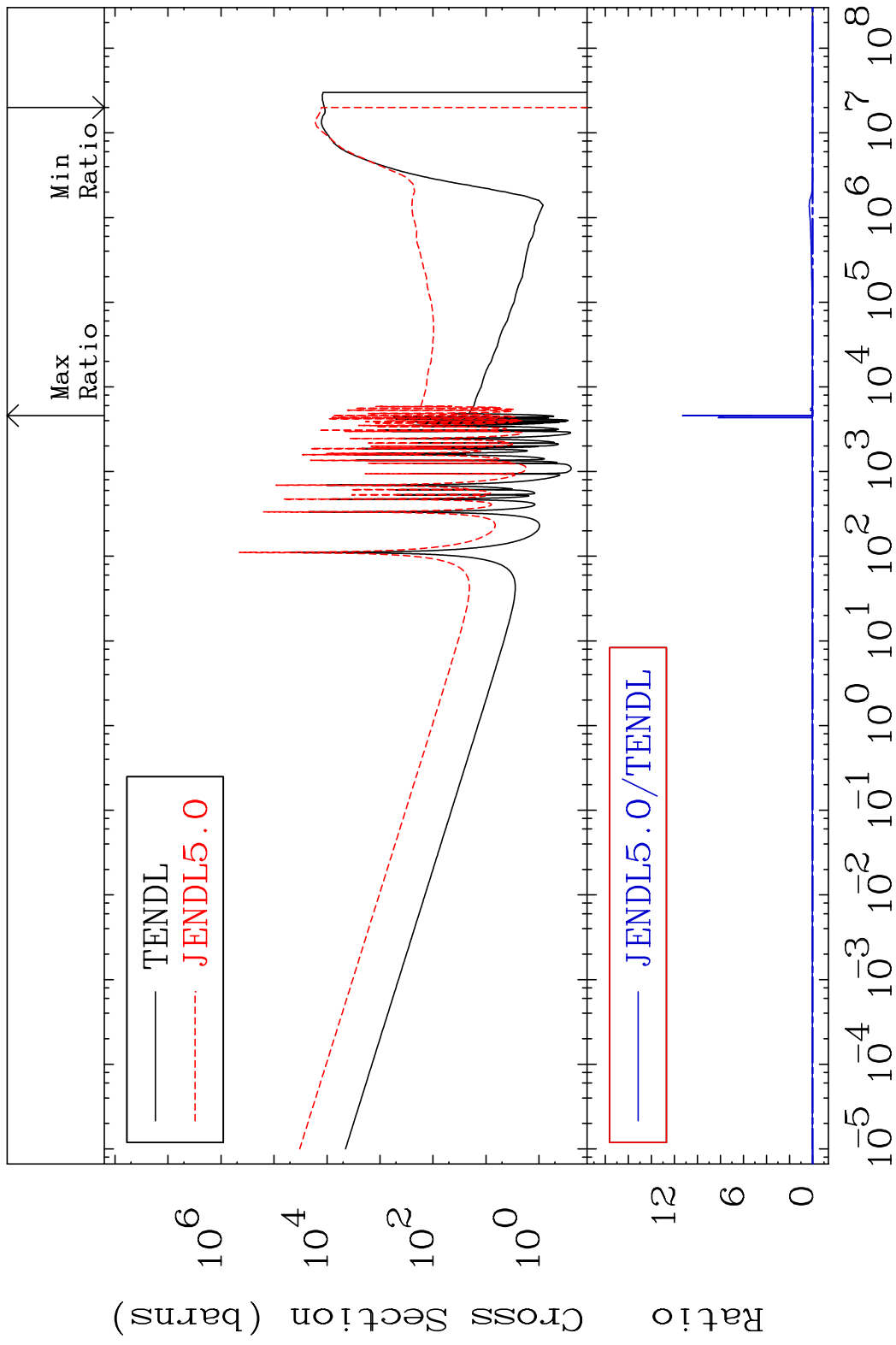
61

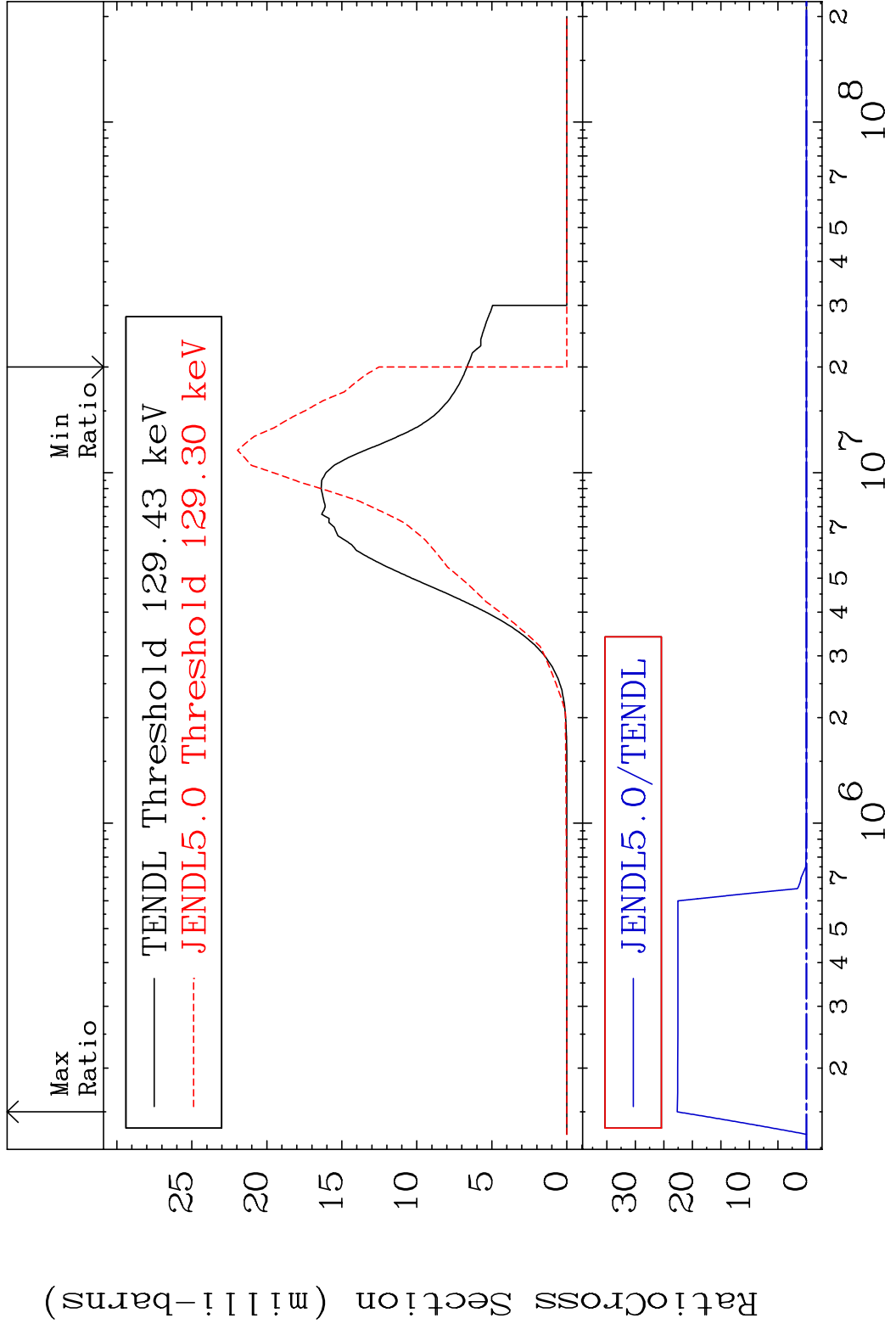
Incident Energy (eV)

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 52.52 %

