

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

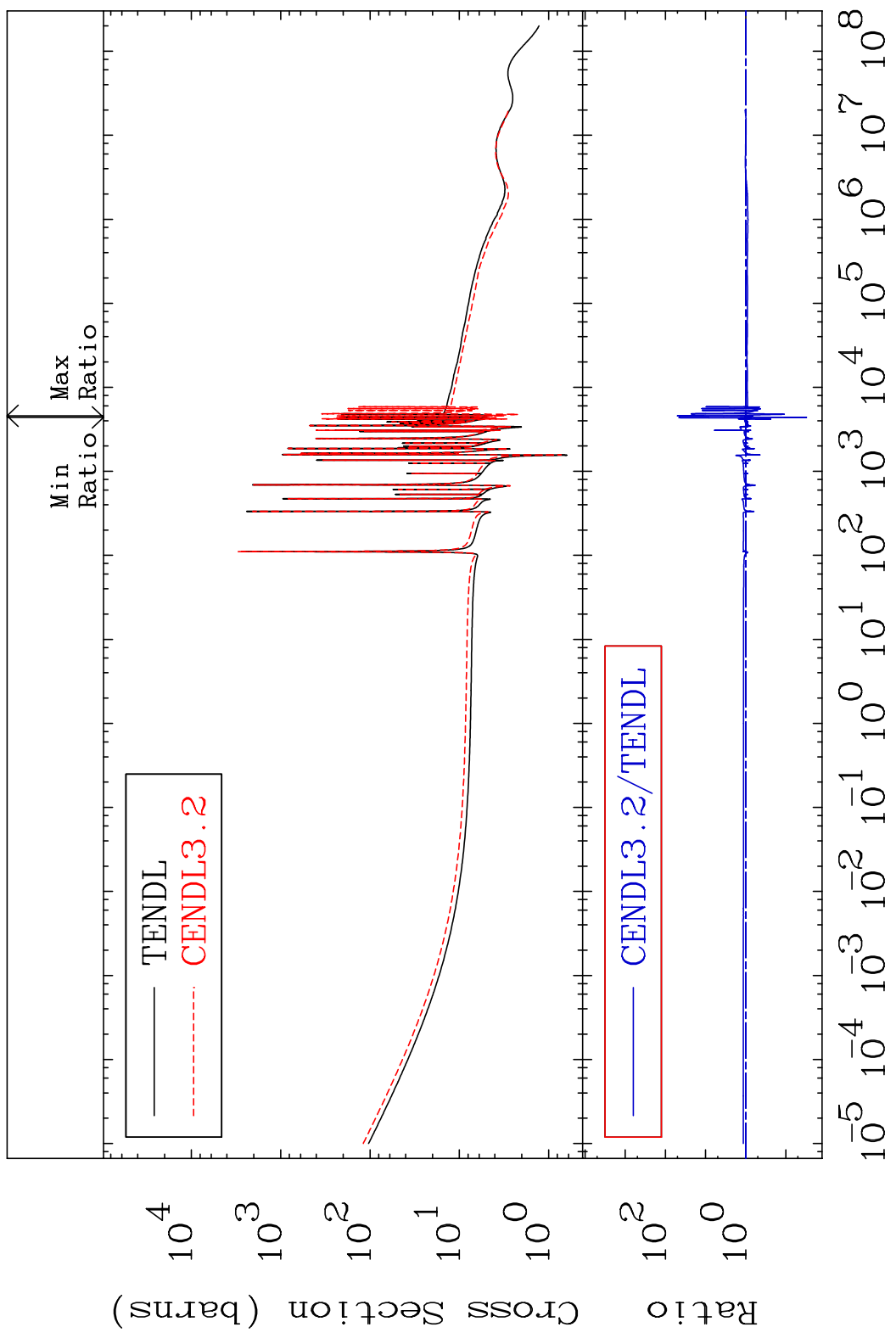
Press Mouse Button to Start

MAT 3125

Total

31-Ga-69

Cross Section -96.93 To 4987. %



1

Incident Energy (eV)

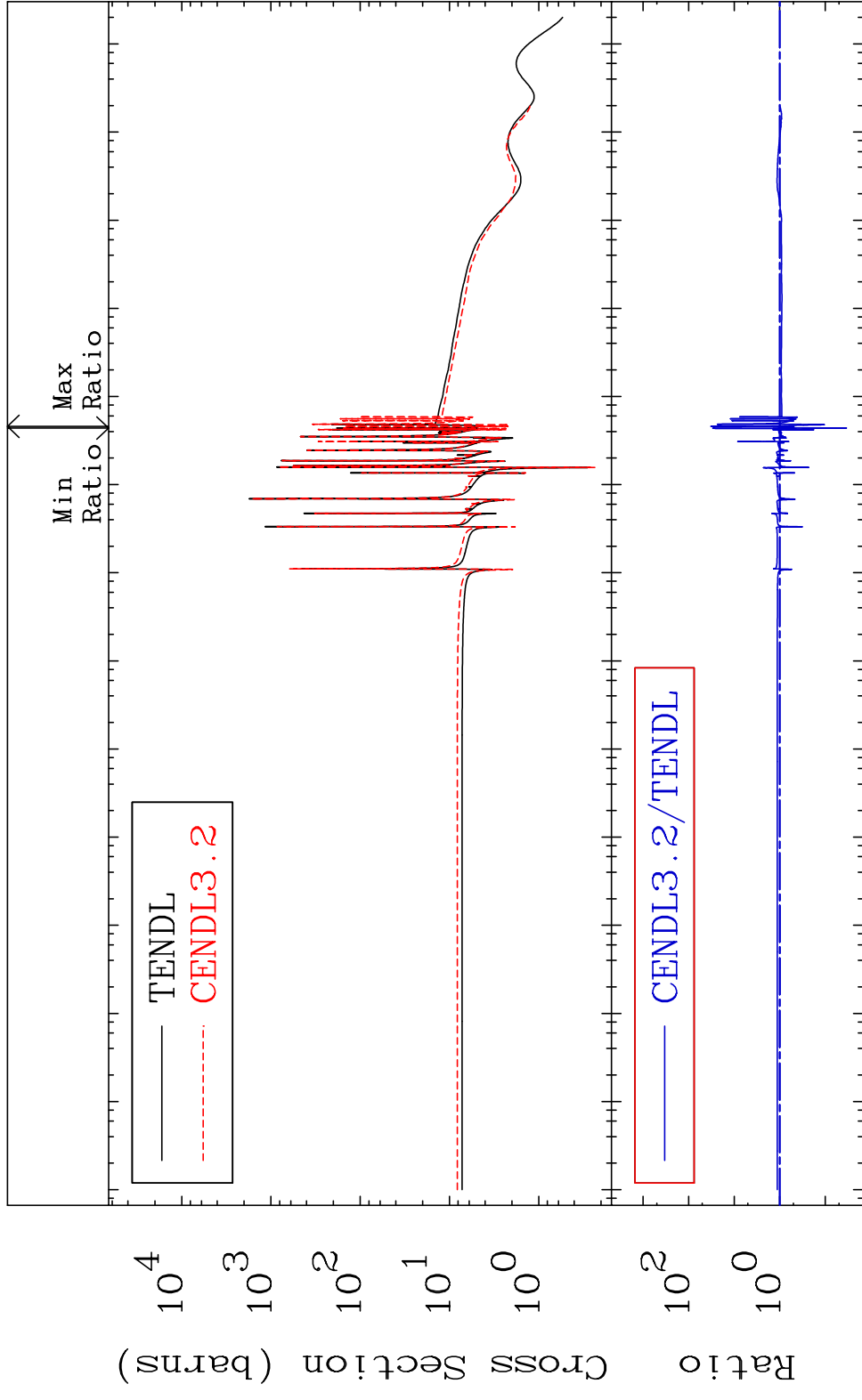
31-Ga-69

MAT 3125

Elastic

31-Ga-69

Cross Section -96.54 To 3170. %

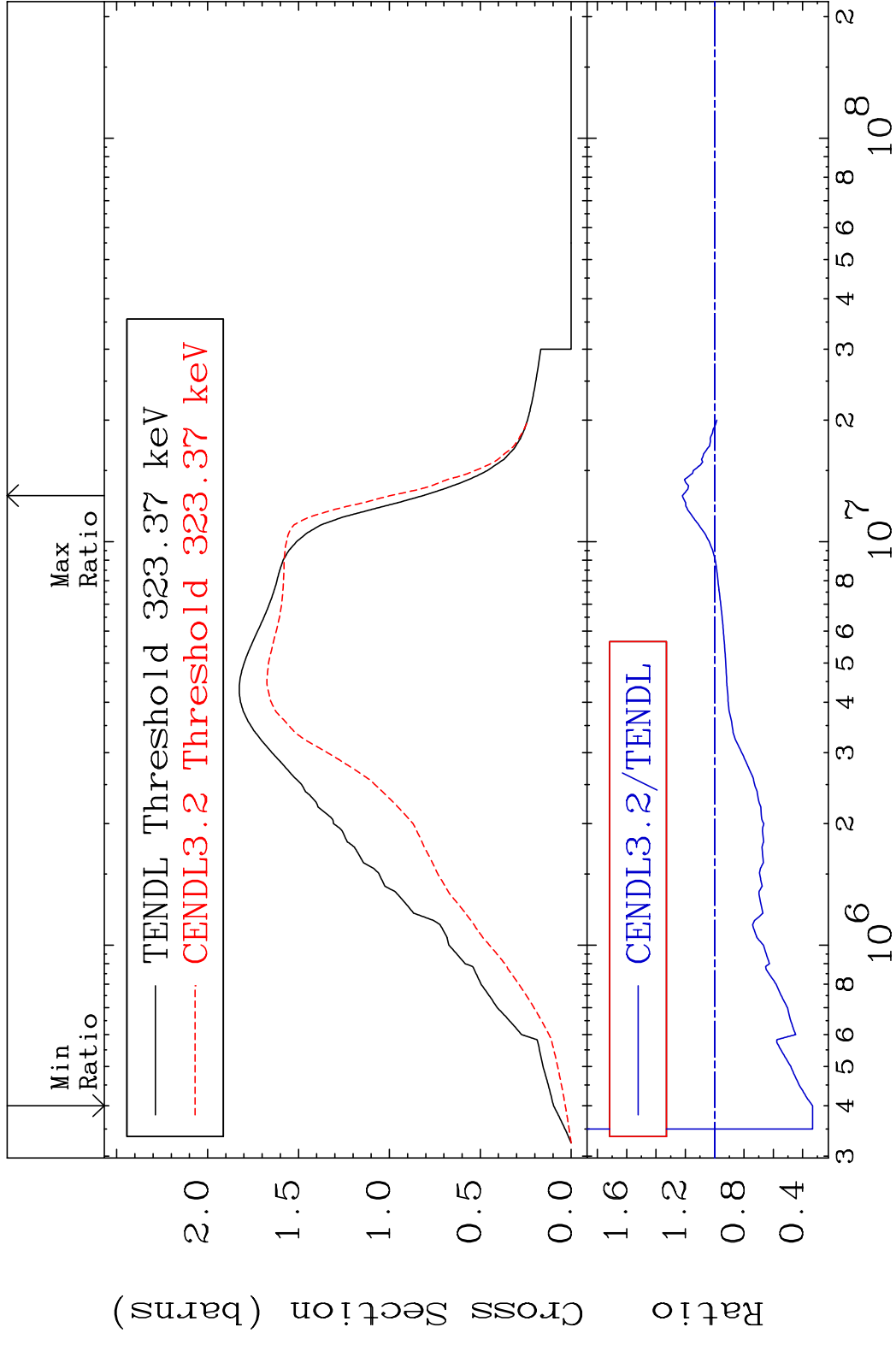


2

Incident Energy (eV)

31-Ga-69

MAT 3125 Inelastic 31-Ga-69
 Cross Section -66.74 To 22.06 %



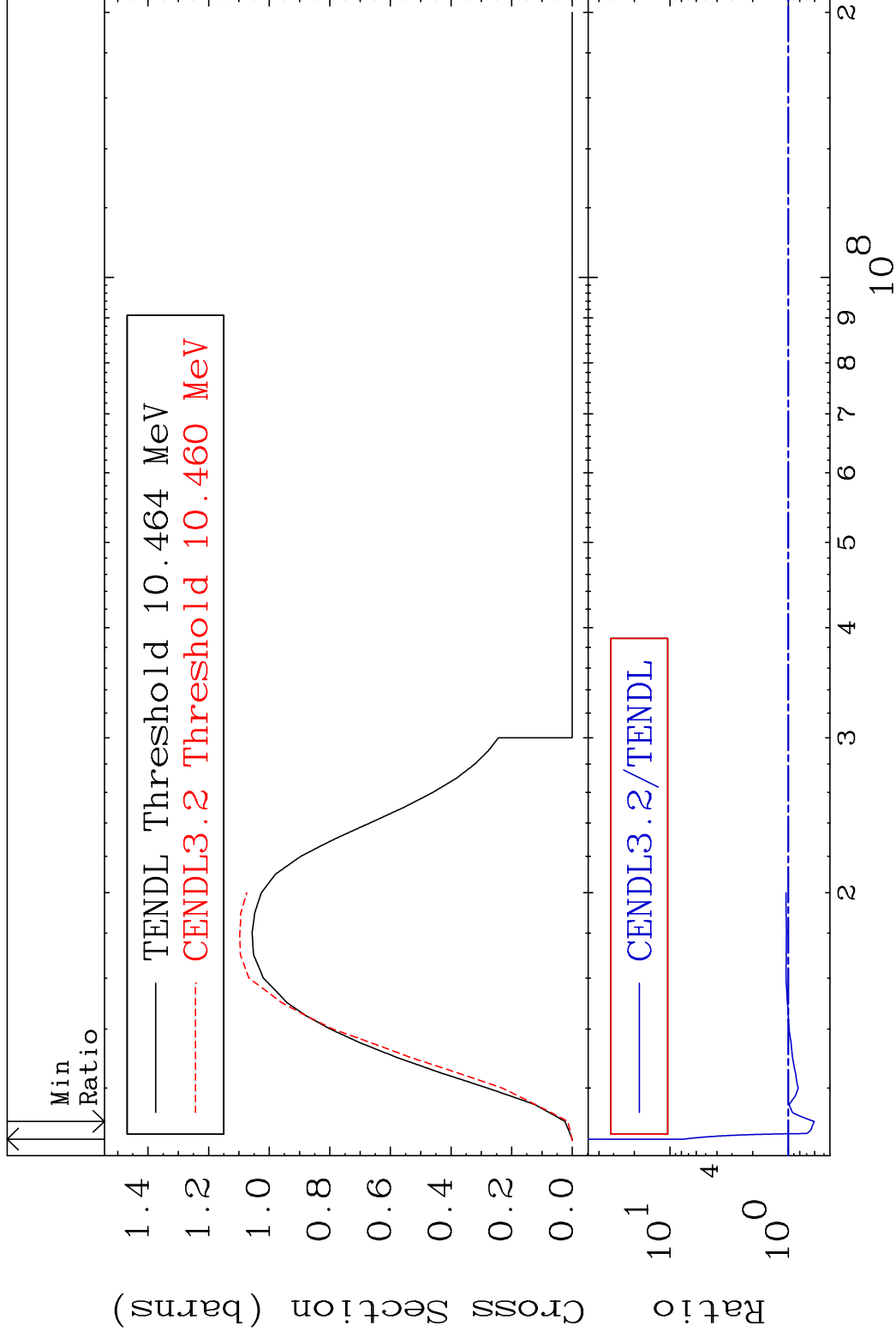
3 Incident Energy (eV) 31-Ga-69

MAT 3125

(n,2n)

31-Ga-69

Cross Section -39.41 To 667.4 %



4

Incident Energy (eV)

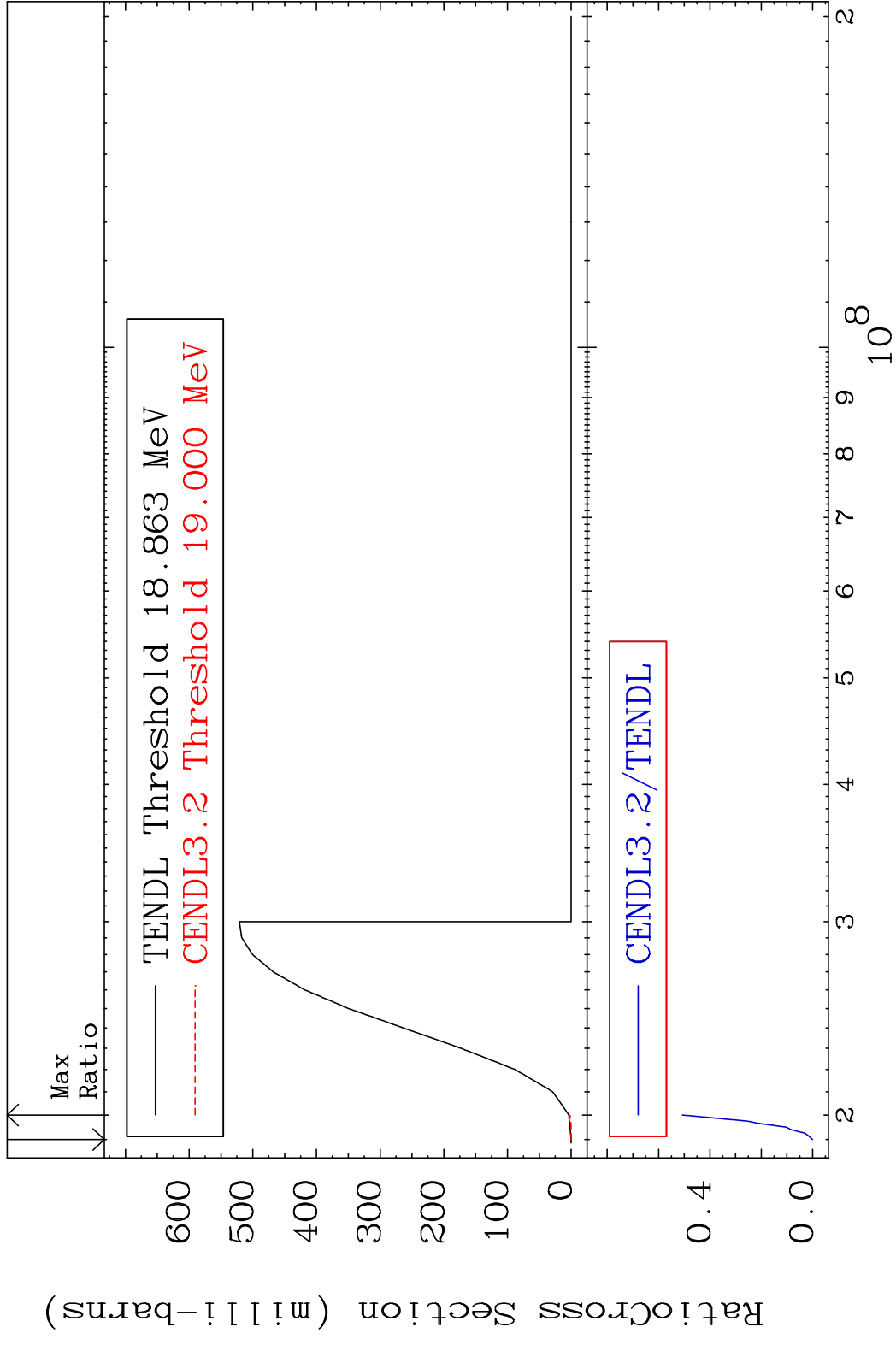
31-Ga-69

MAT 3125

(n,3n)

31-Ga-69

Cross Section -100.0 To -49.27%

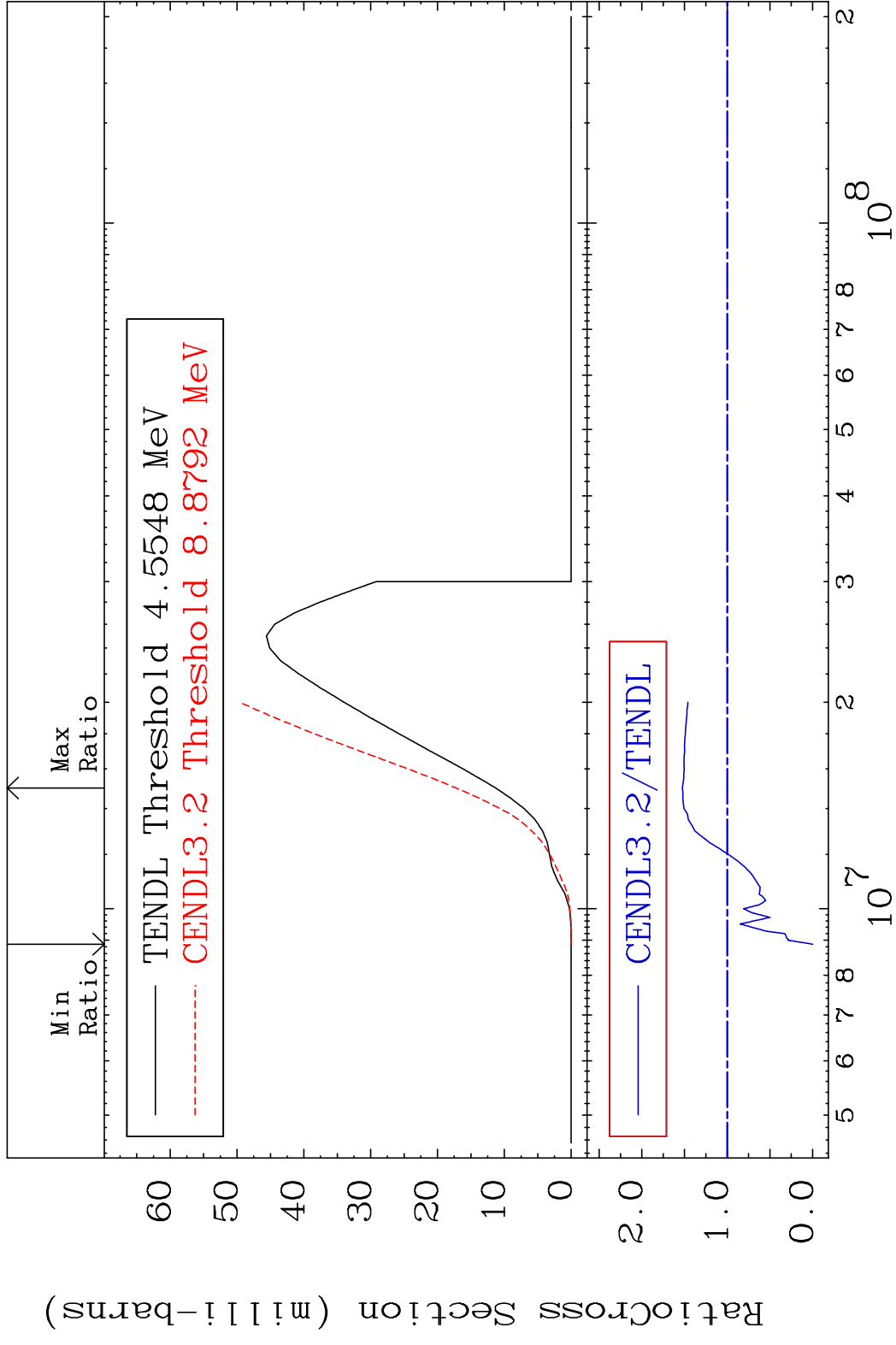


5

Incident Energy (eV)

31-Ga-69

MAT 3125 (n, n') α 31-Ga-69
 Cross Section -100.0 To 52.54 %

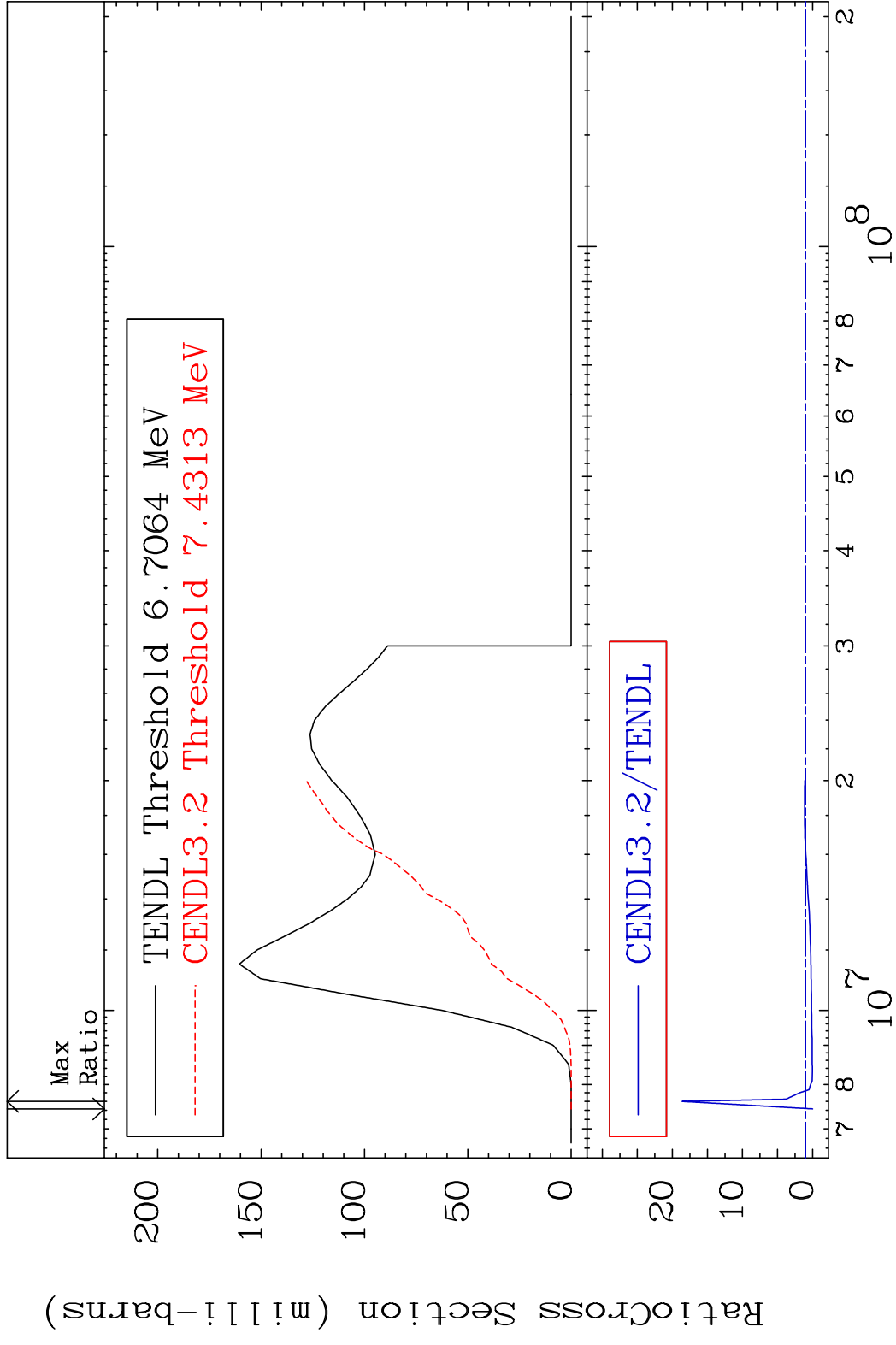


MAT 3125

(n, n') p

31-Ga-69

Cross Section -100.0 To 1757. %

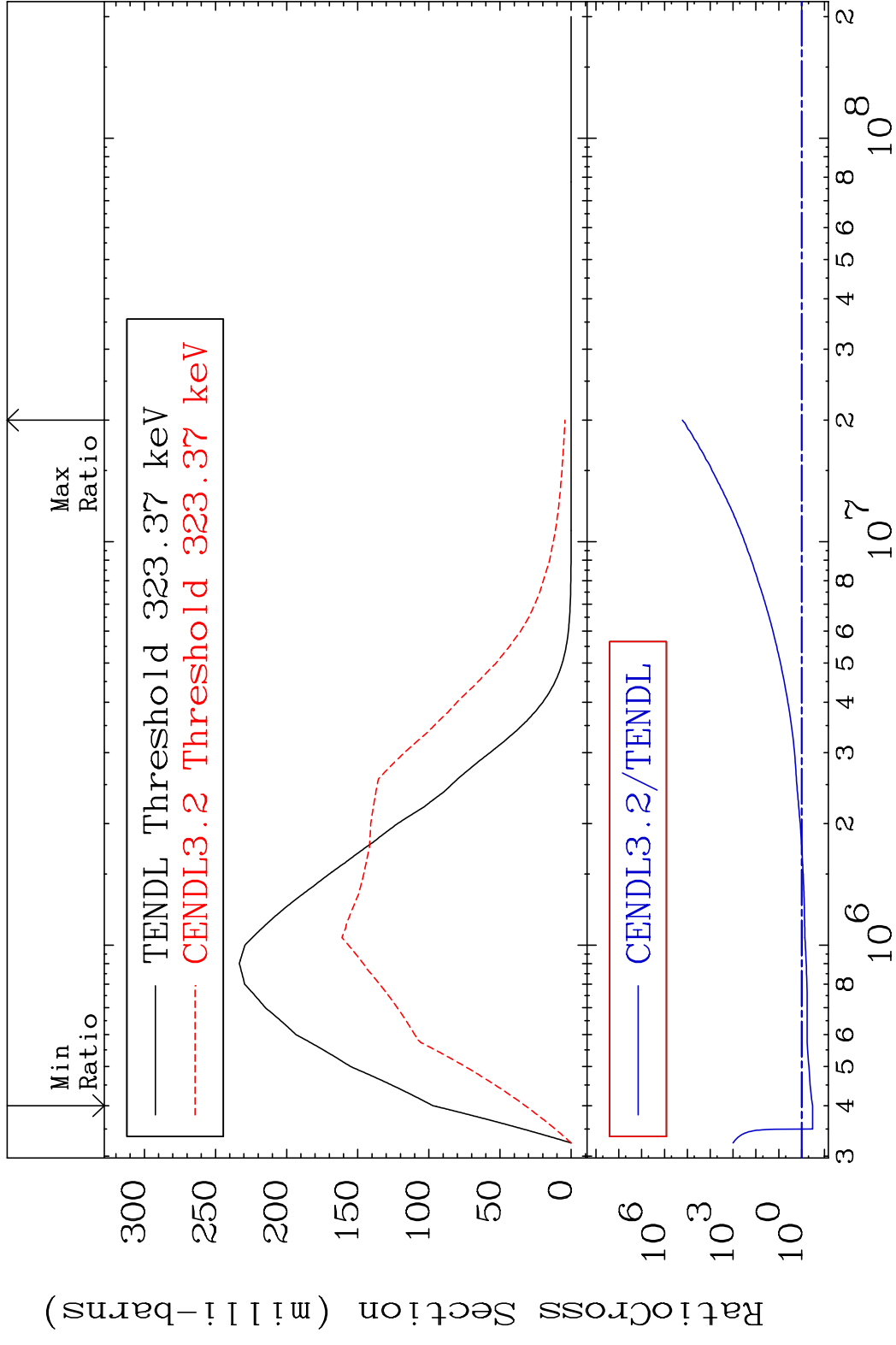


7

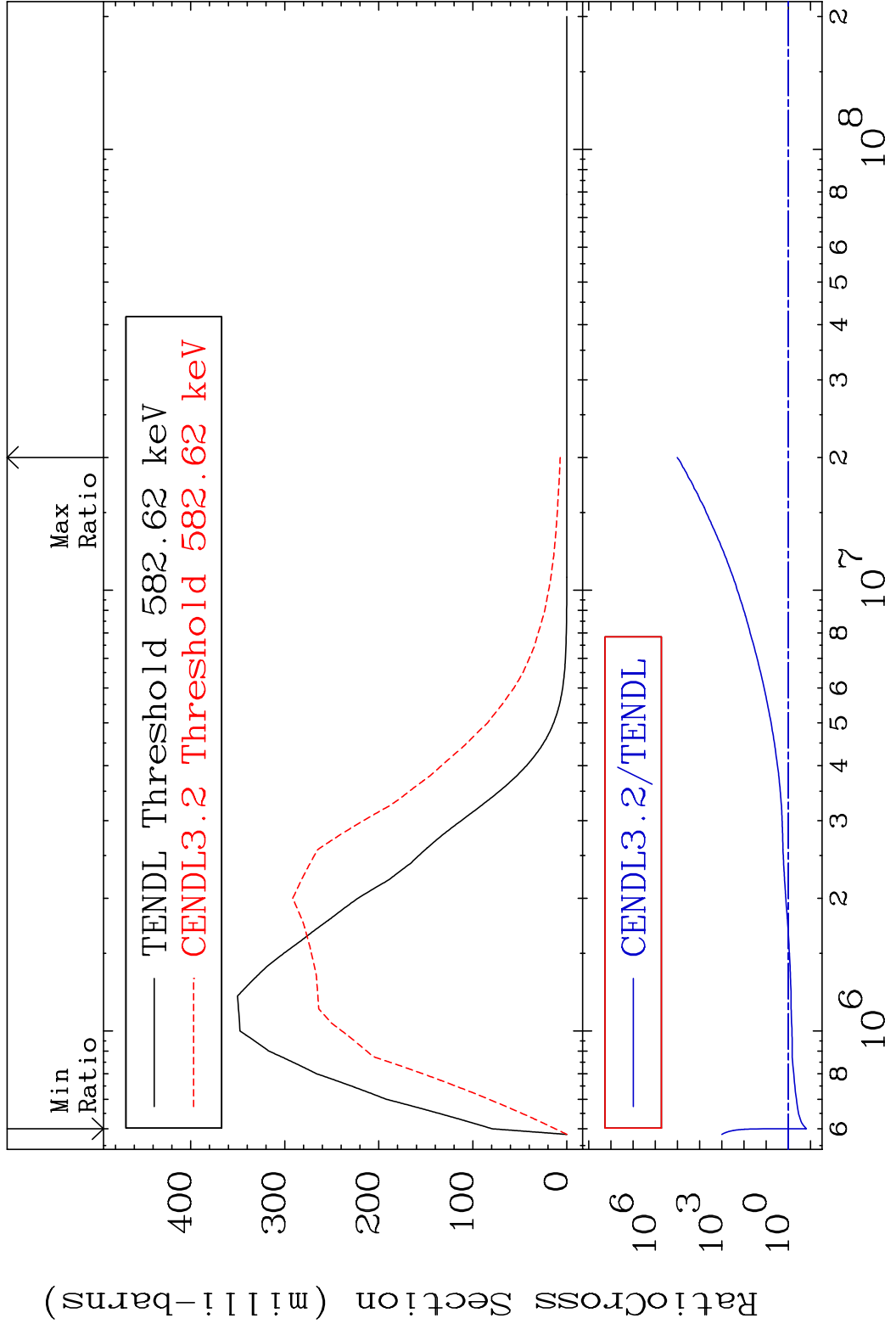
Incident Energy (eV)

31-Ga-69

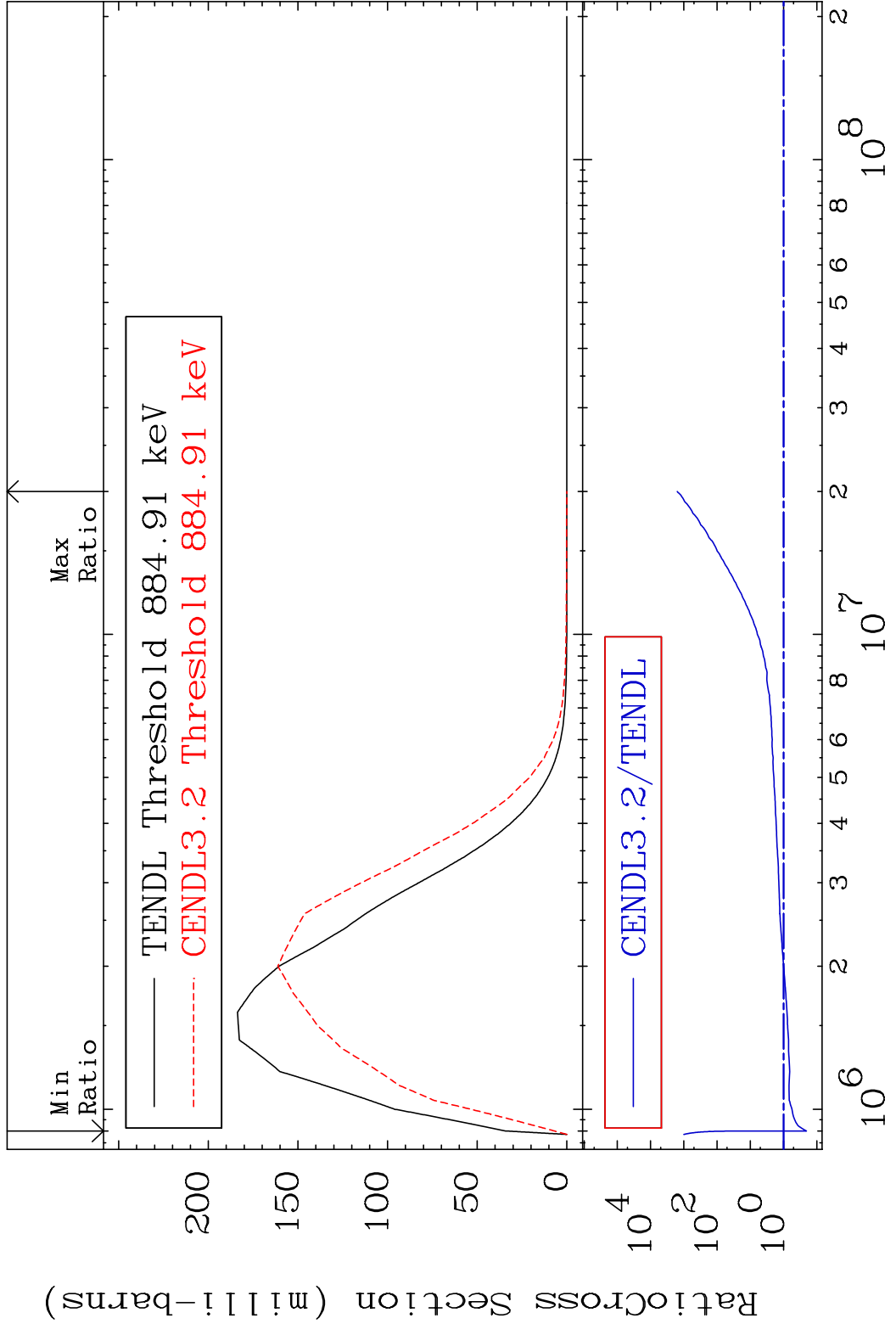
MAT 3125 MT= 51 (n,n') Level 31-Ga-69
 Cross Section -66.74 To 9999. %



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

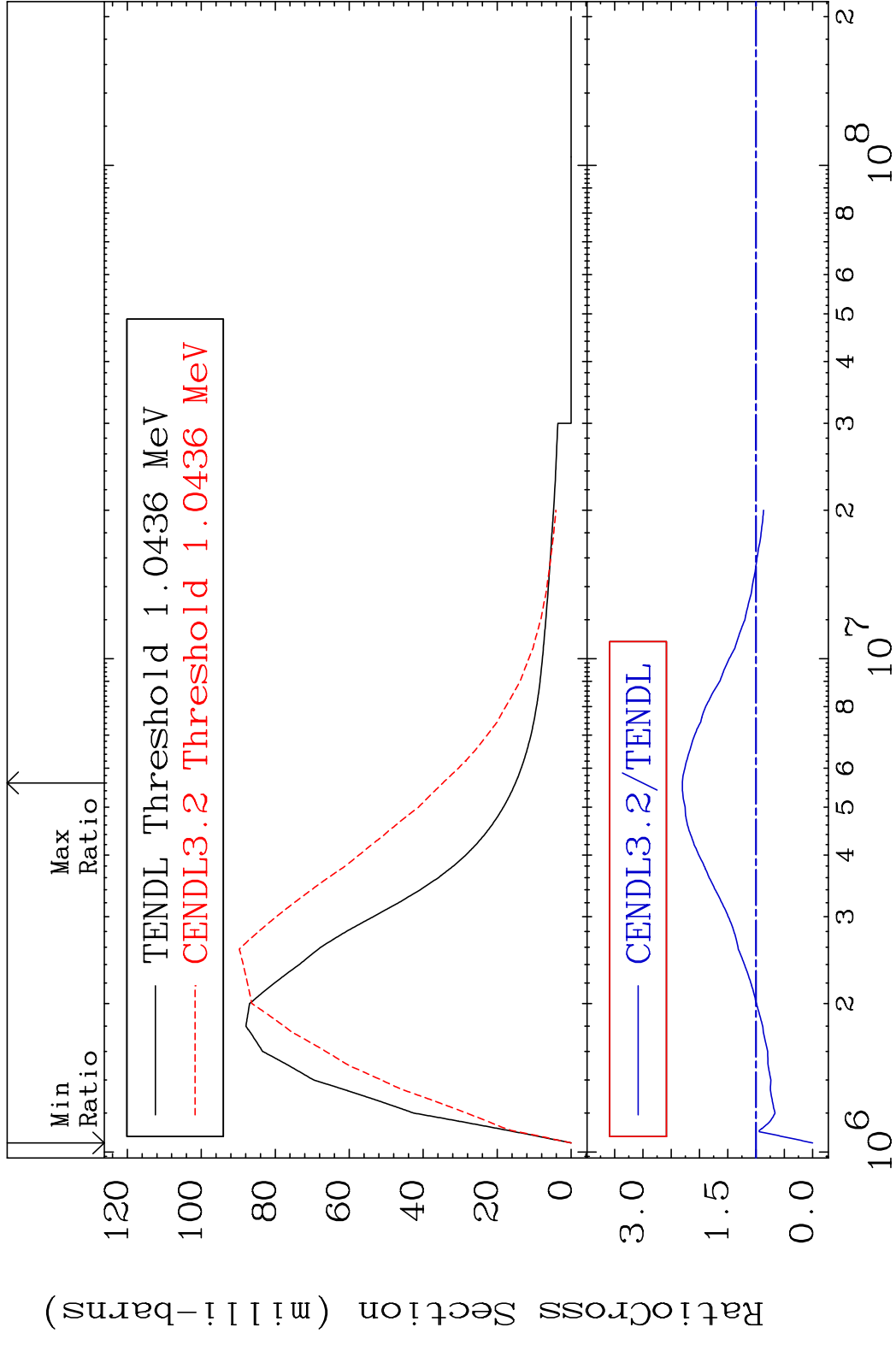


MAT 3125 MT= 53 (n, n') Level 31-Ga-69
 Cross Section -79.36 To 9999. %



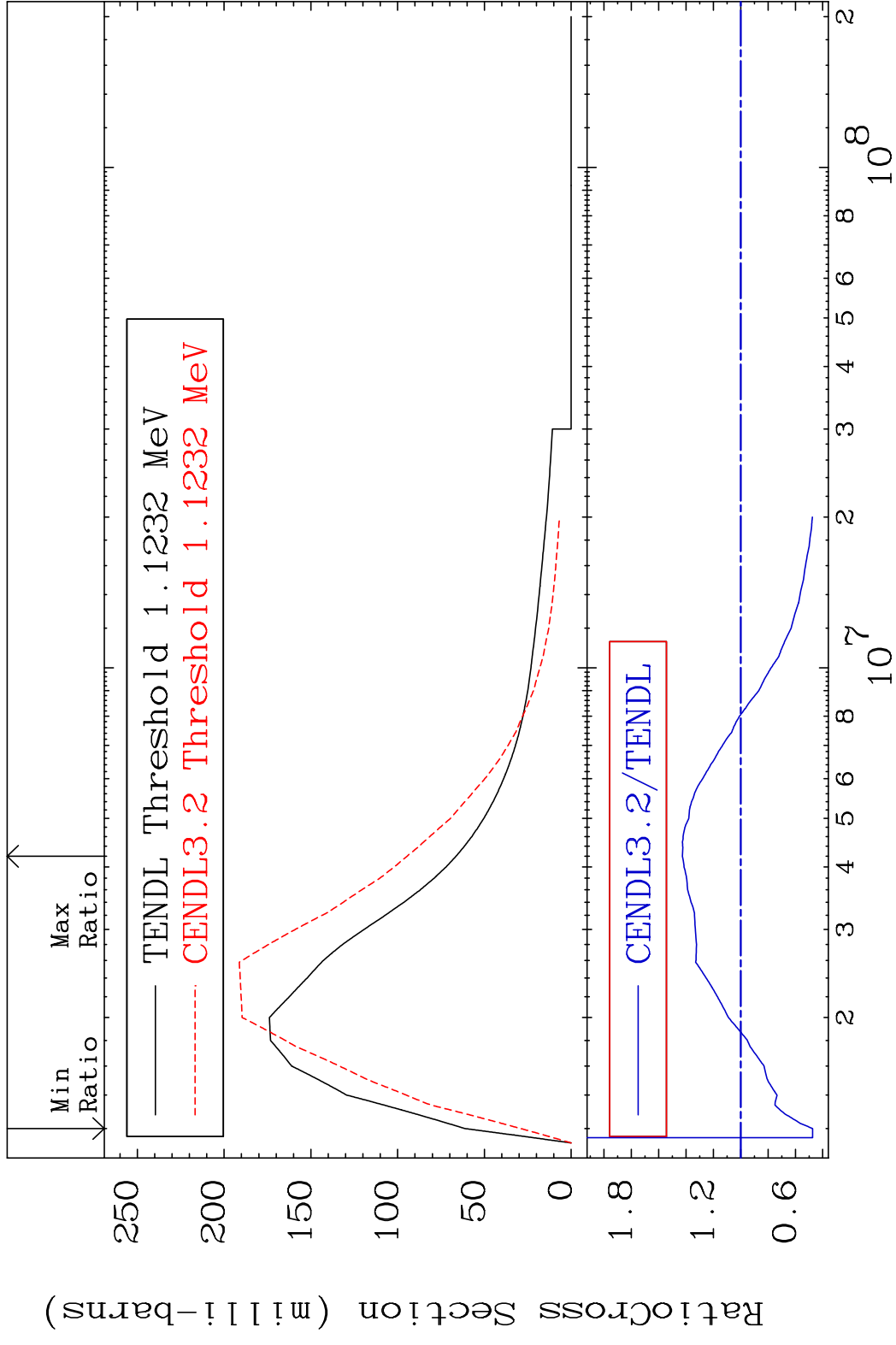
10 10 31-Ga-69

MAT 3125 MT= 54 (n,n') Level 31-Ga-69
 Cross Section -100.0 To 130.3 %



11 Incident Energy (eV) 31-Ga-69

MAT 3125 MT= 55 (n,n') Level 31-Ga-69
 Cross Section -52.55 To 42.69 %

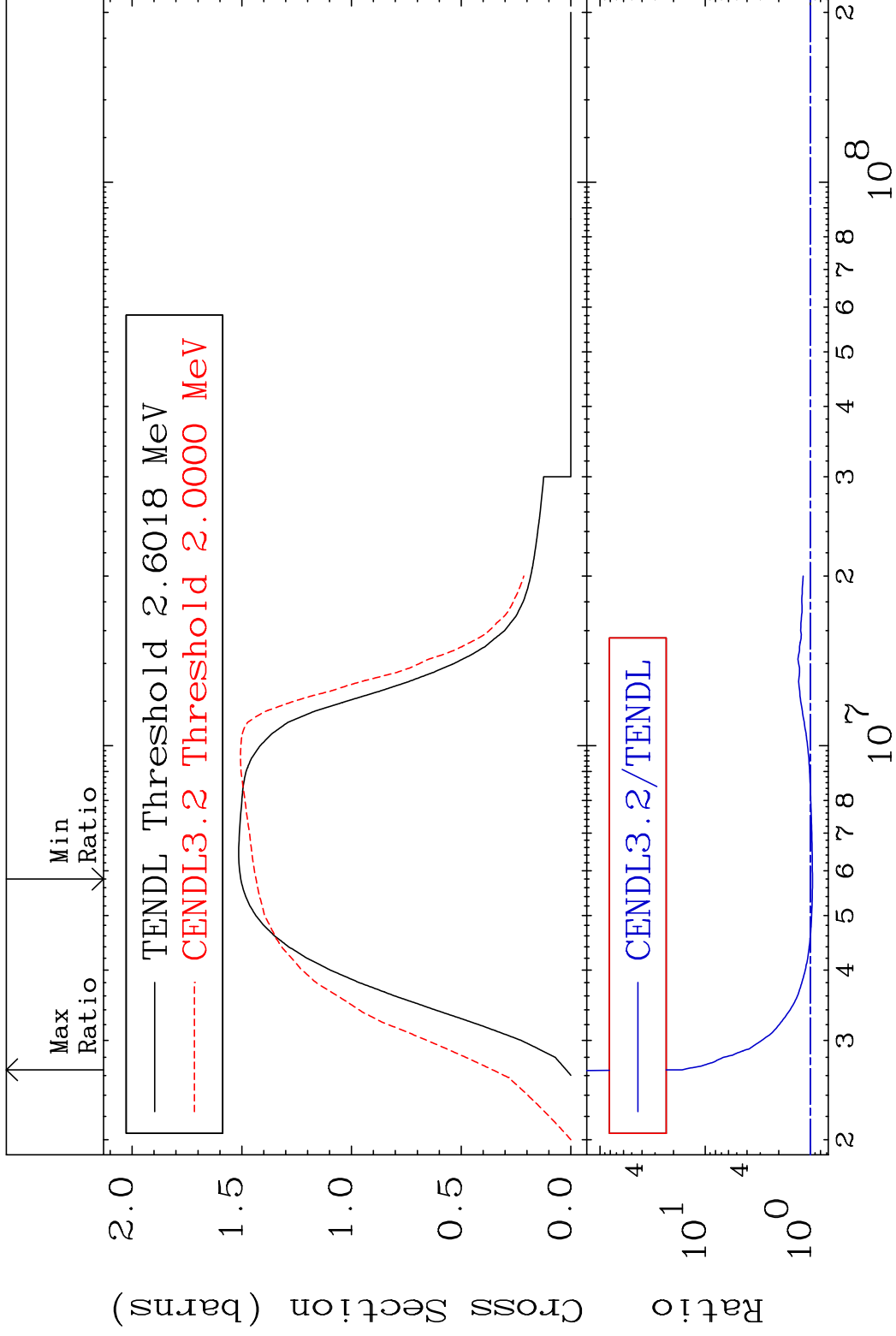


MAT 3125

(n, n') Continuum

31-Ga-69

Cross Section -4.611 To 1557. %



13

Incident Energy (eV)

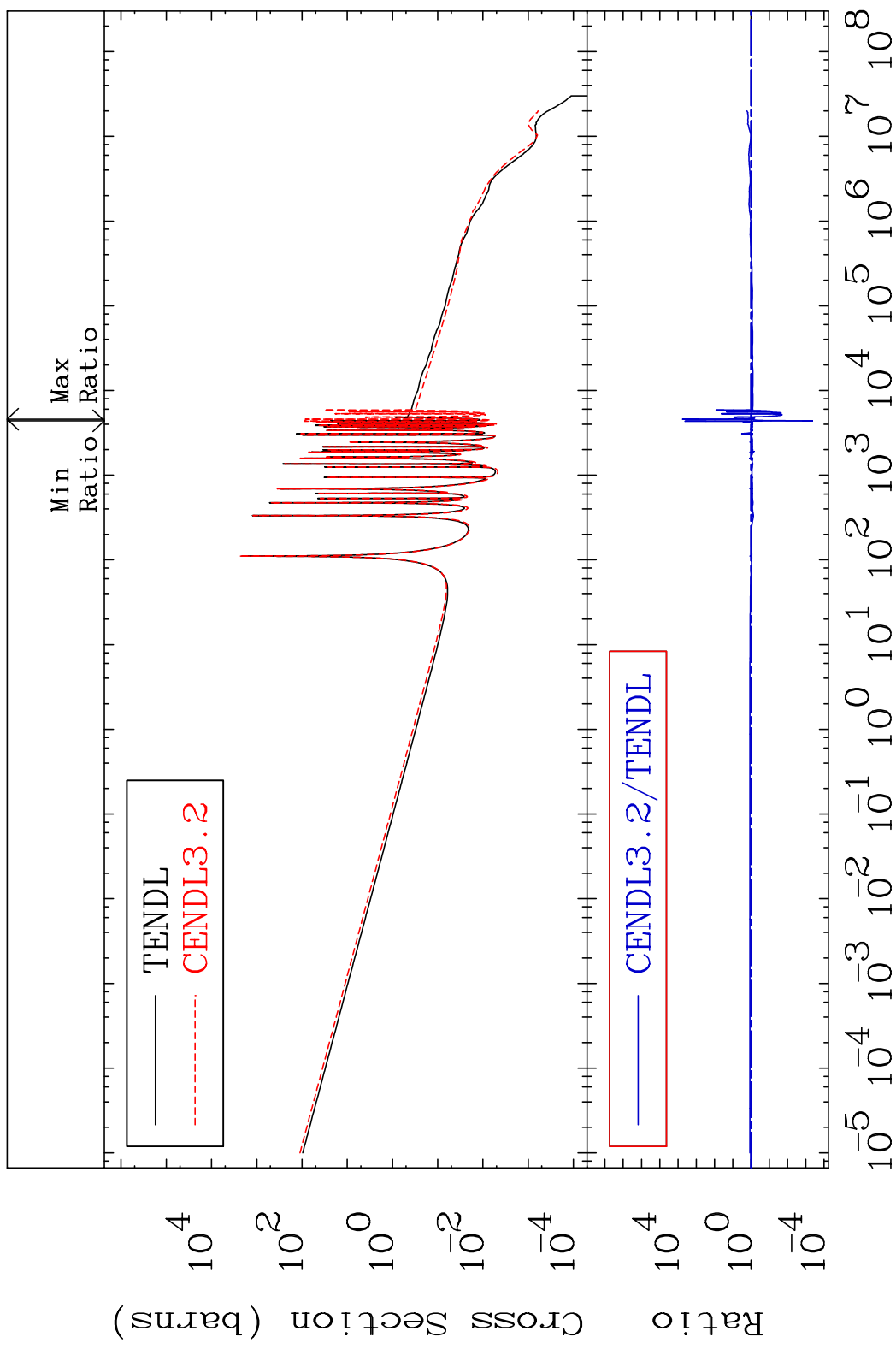
31-Ga-69

MAT 3125

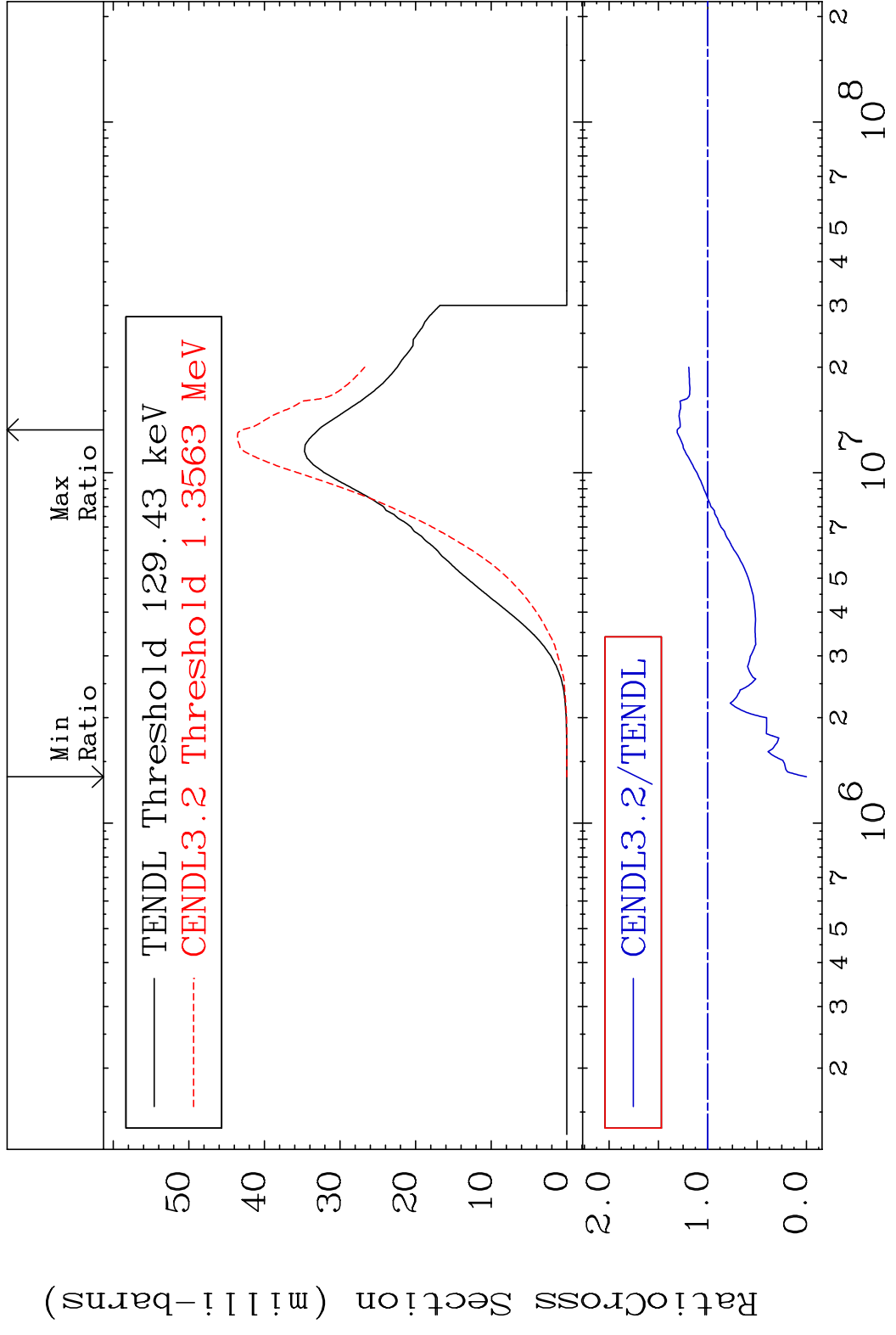
(n, γ)

31-Ga-69

Cross Section -99.96 To 9999. %



MAT 3125 (n,p) 31-Ga-69
 Cross Section -100.0 To 30.96 %

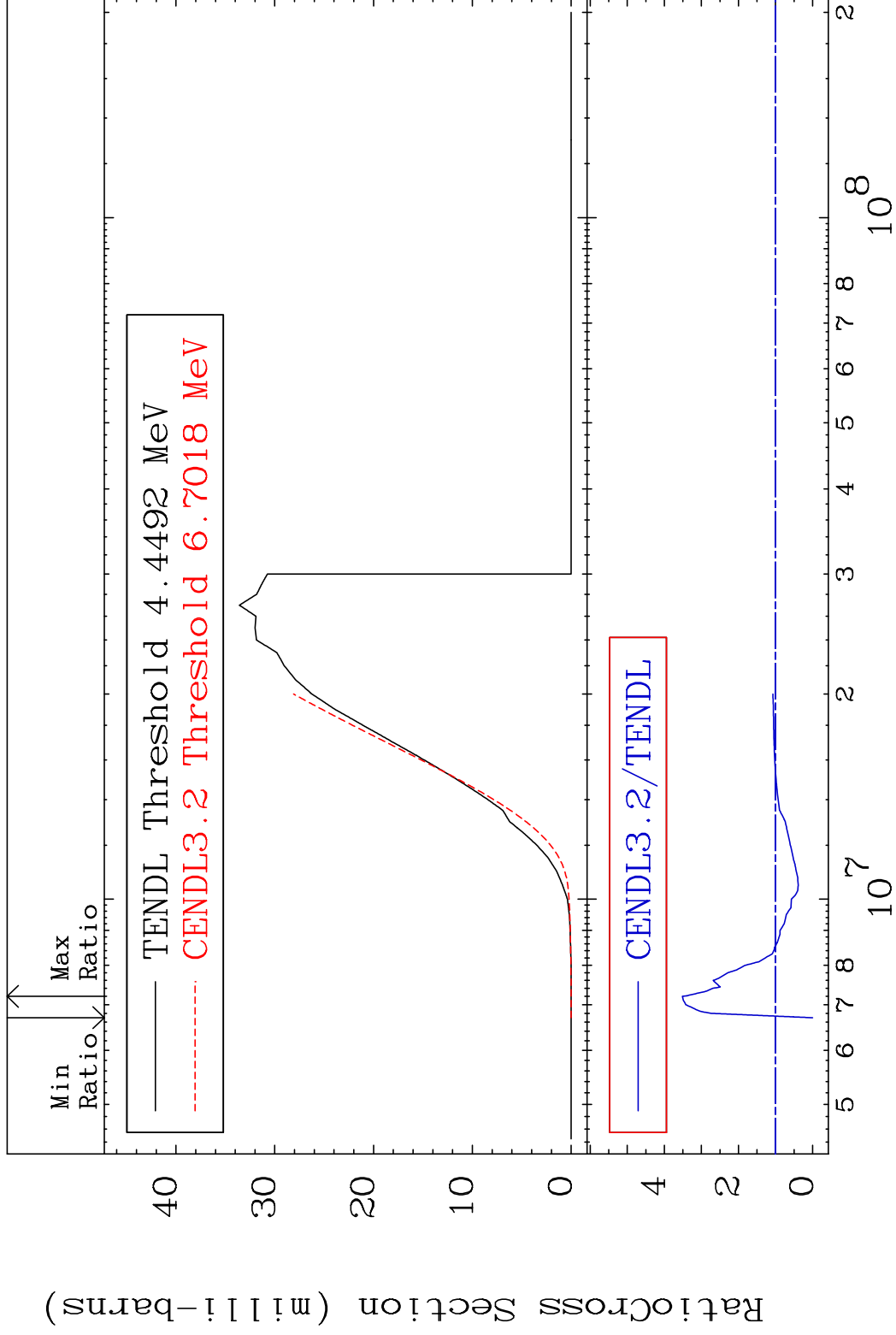


MAT 3125

(n, d)

31-Ga-69

Cross Section -100.0 To 251.4 %



16

Incident Energy (eV)

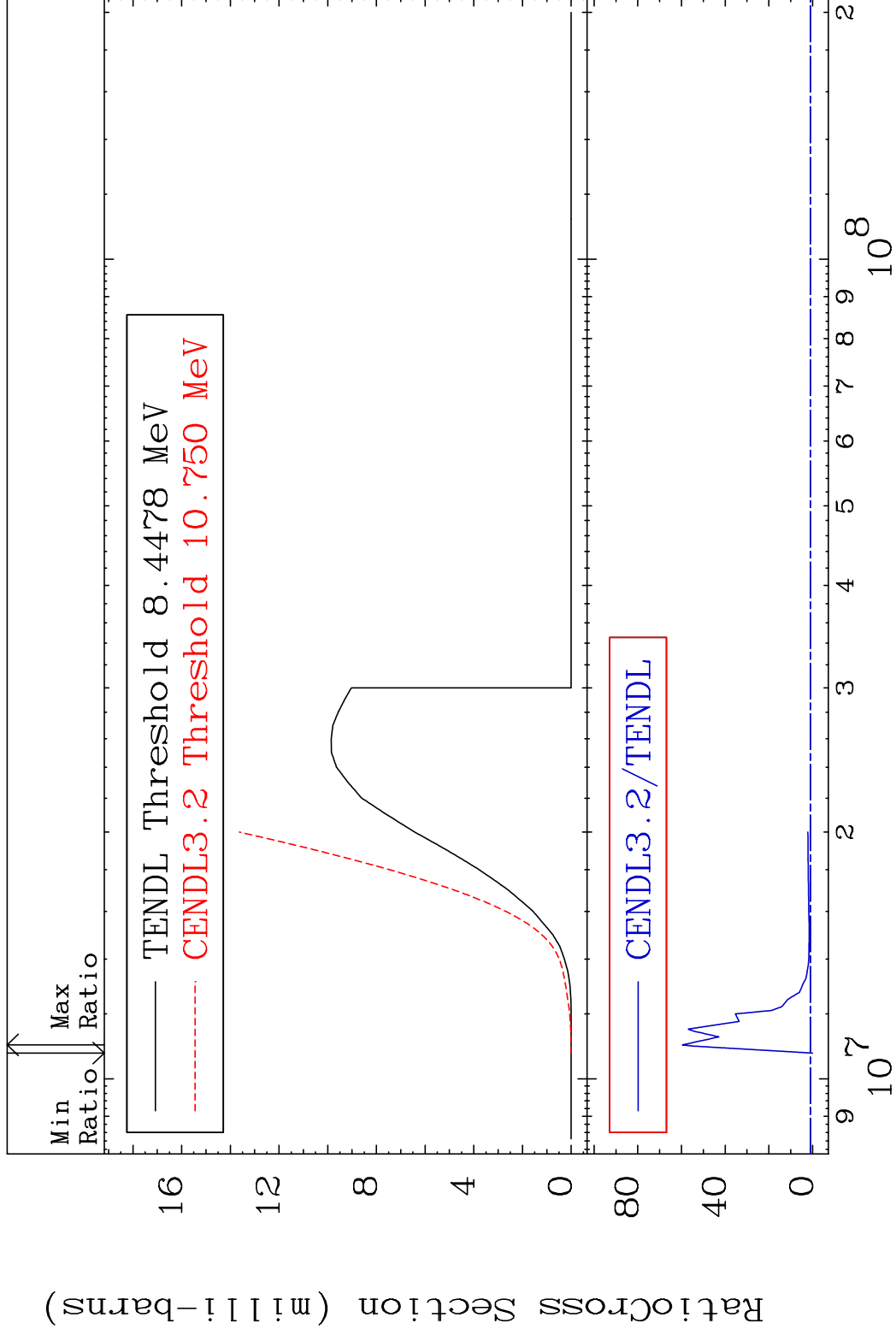
31-Ga-69

MAT 3125

(n, t)

31-Ga-69

Cross Section -100.0 To 5859. %



17

Incident Energy (eV)

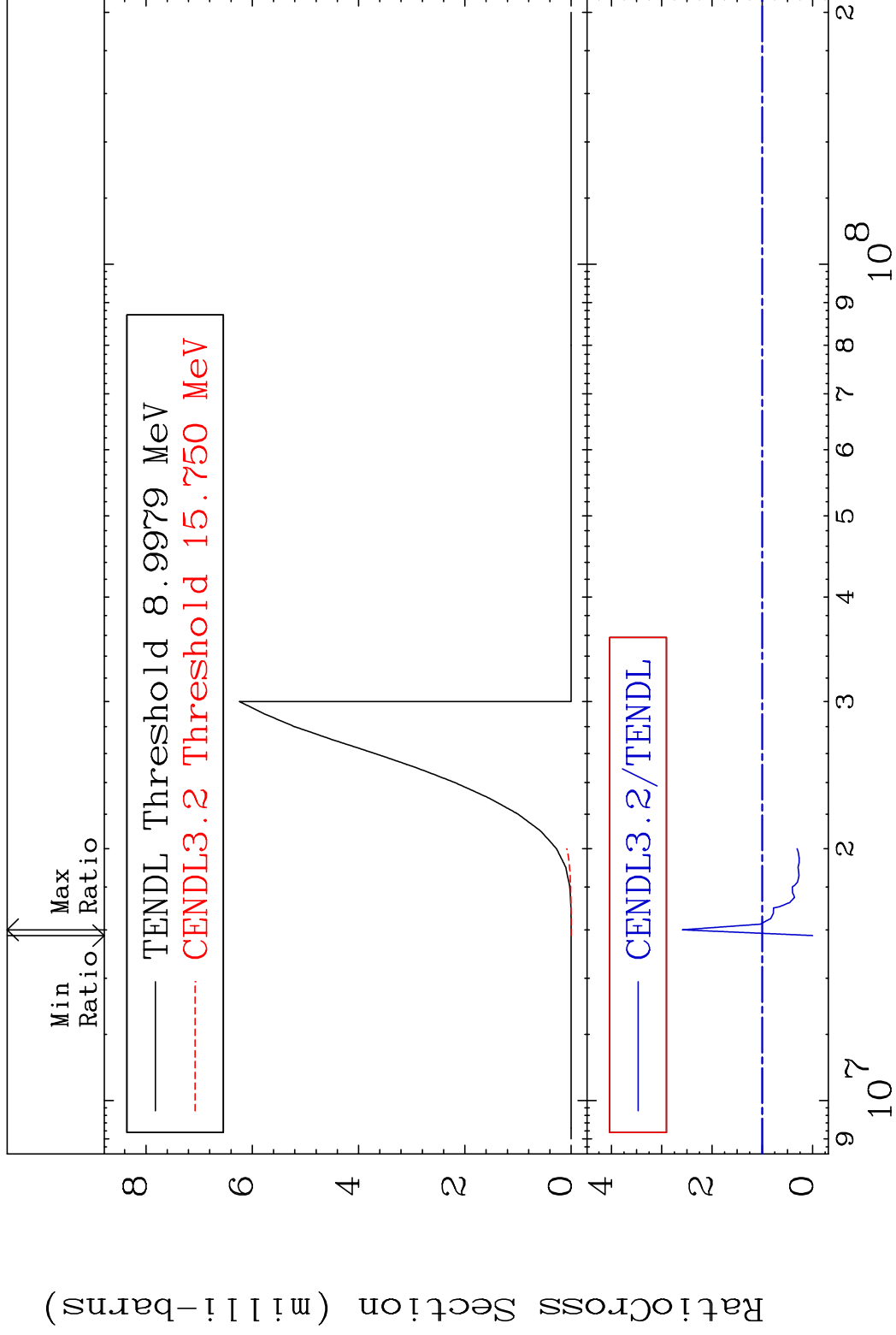
31-Ga-69

MAT 3125

(n, He-3)

31-Ga-69

Cross Section -100.0 To 159.0 %



18

Incident Energy (eV)

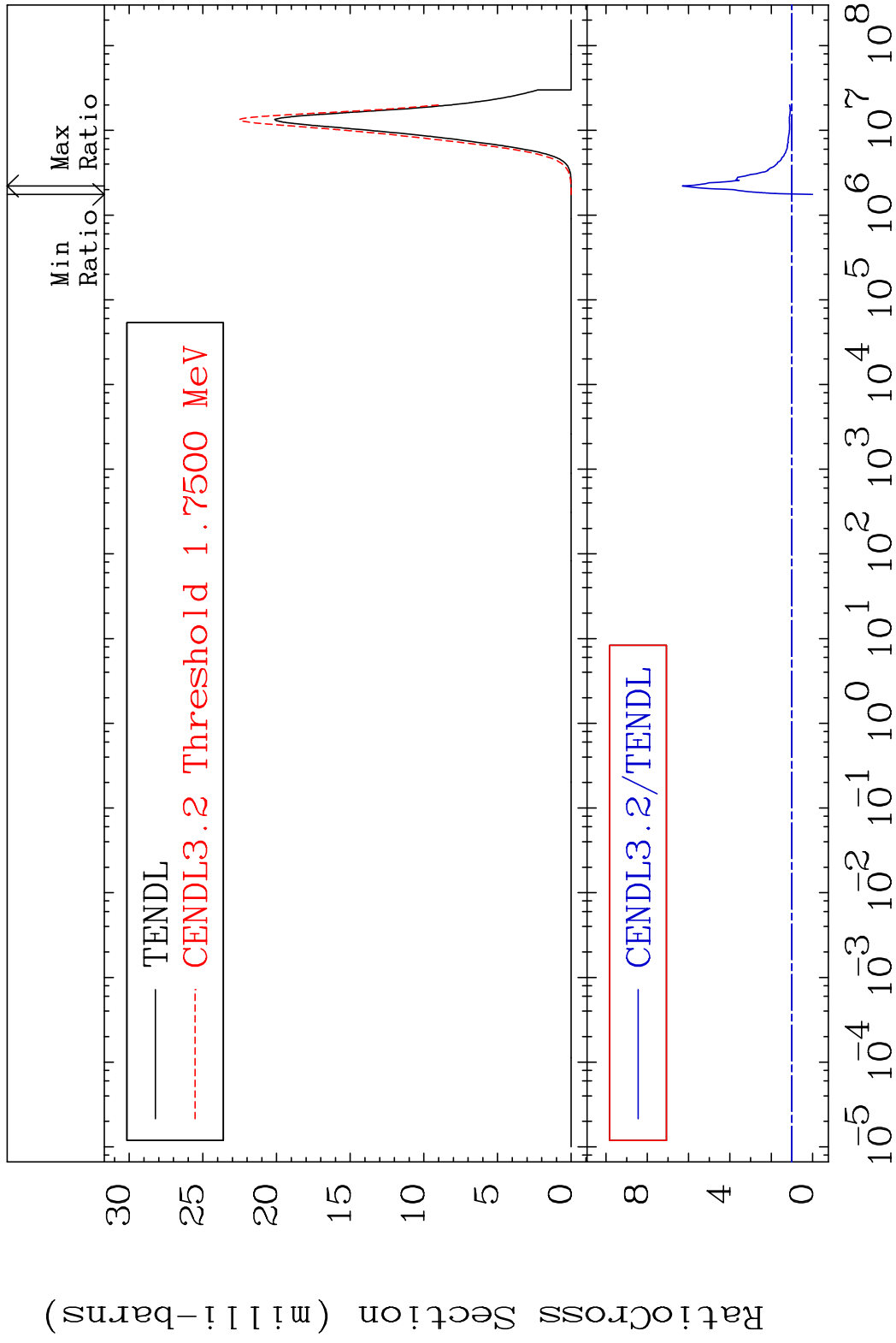
31-Ga-69

MAT 3125

(n, α)

31-Ga-69

Cross Section -100.0 To 530.3 %



19

Incident Energy (eV)

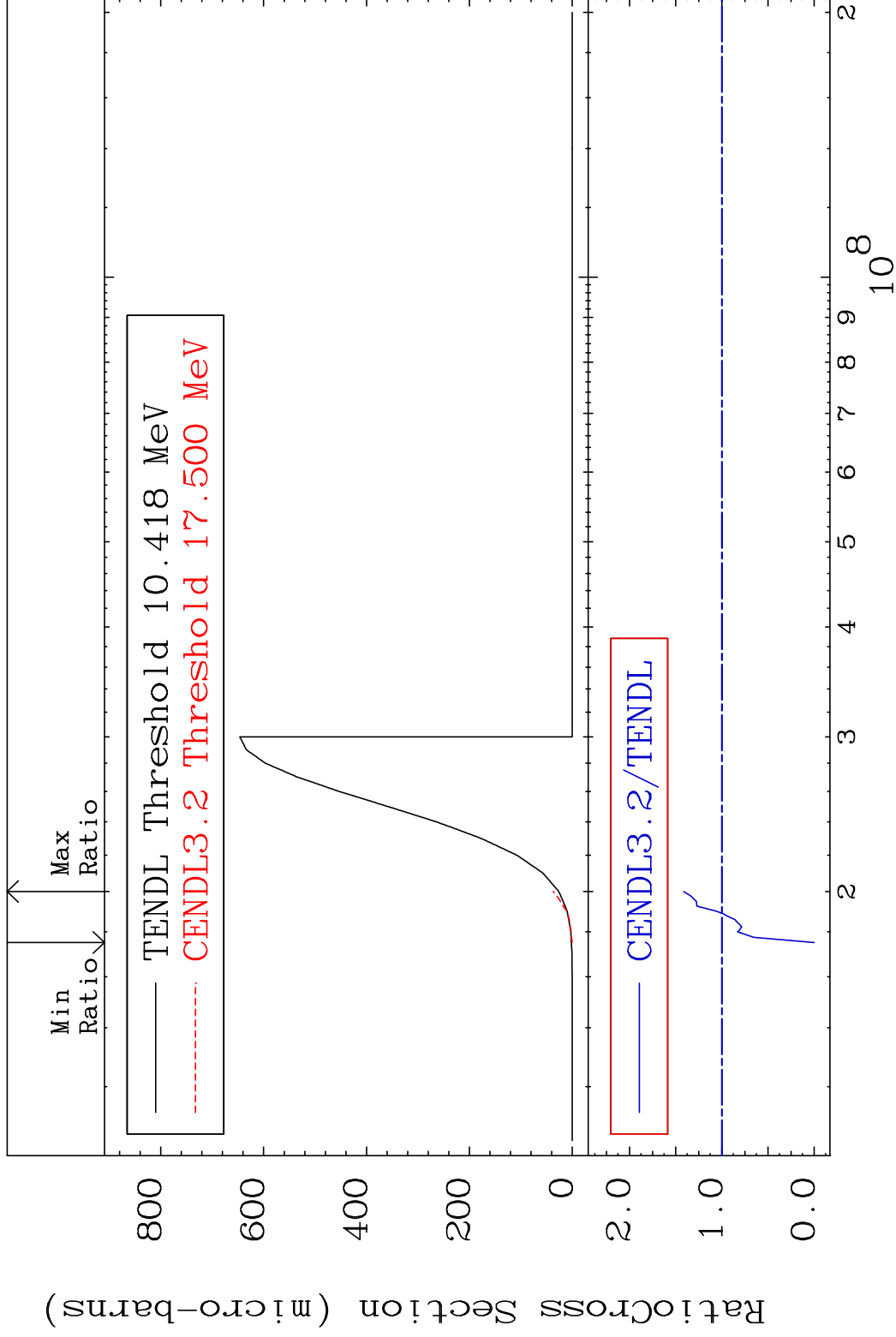
31-Ga-69

MAT 3125

(n,2p)

31-Ga-69

Cross Section -100.0 To 41.31 %

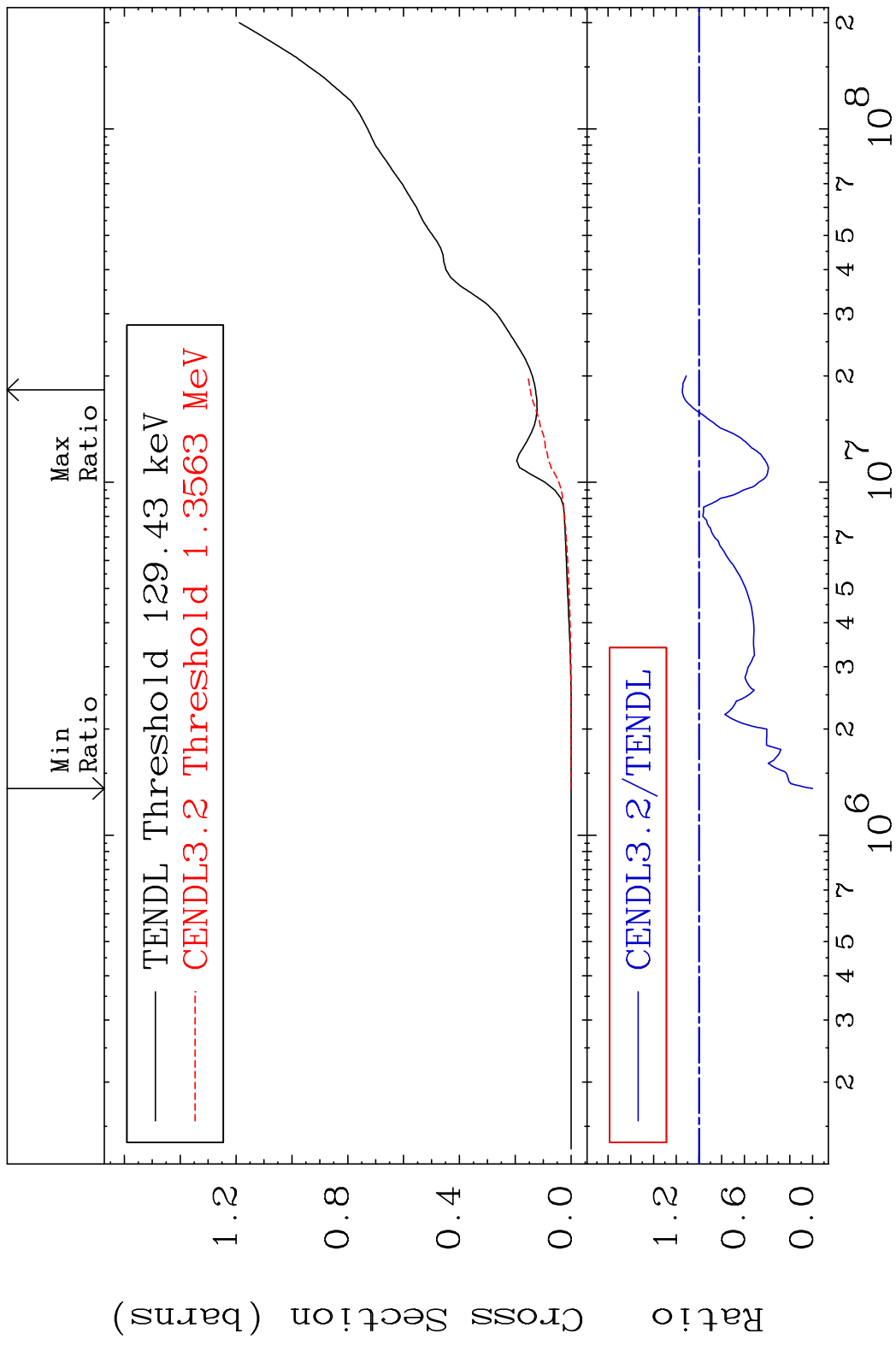


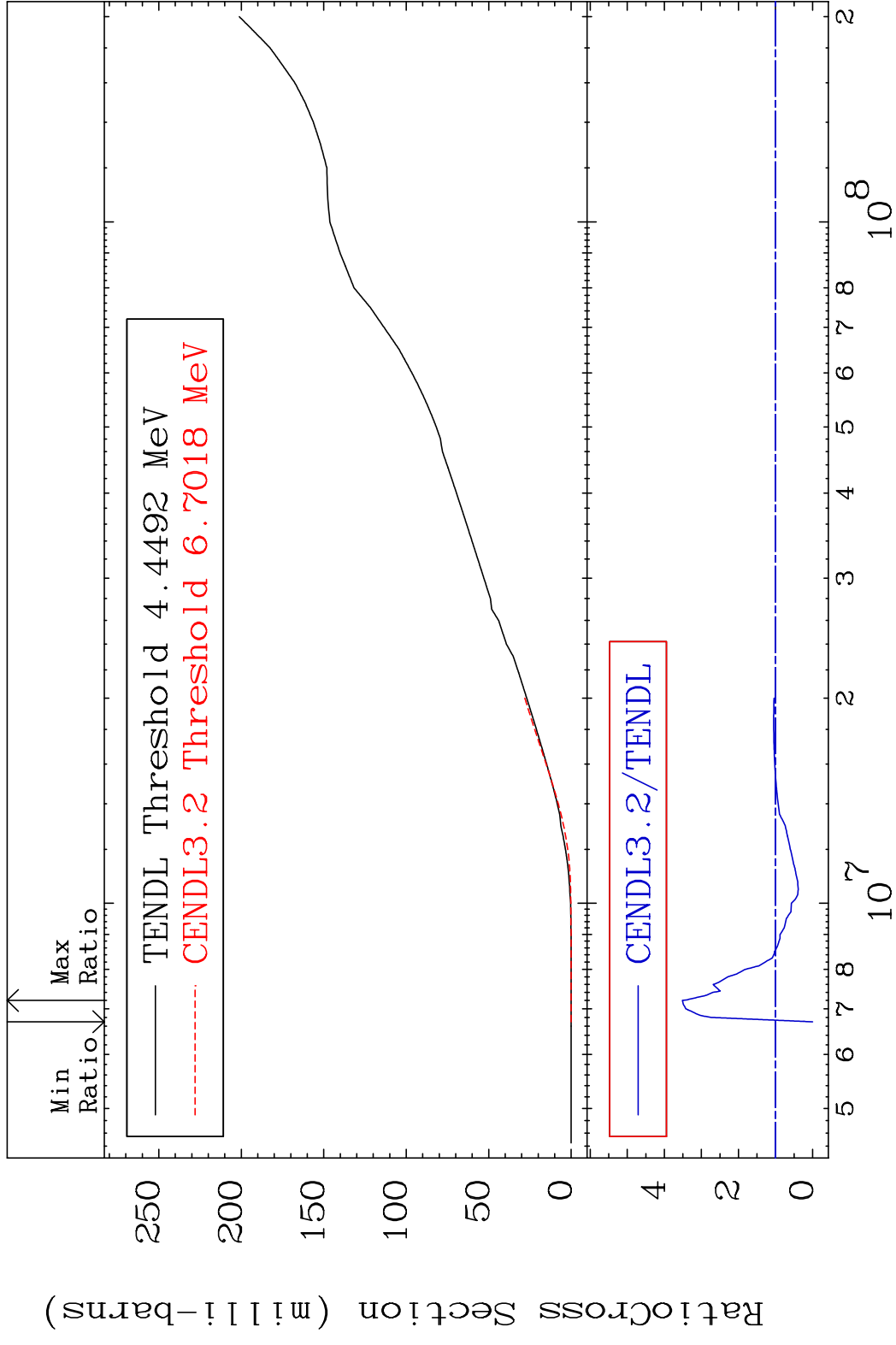
20

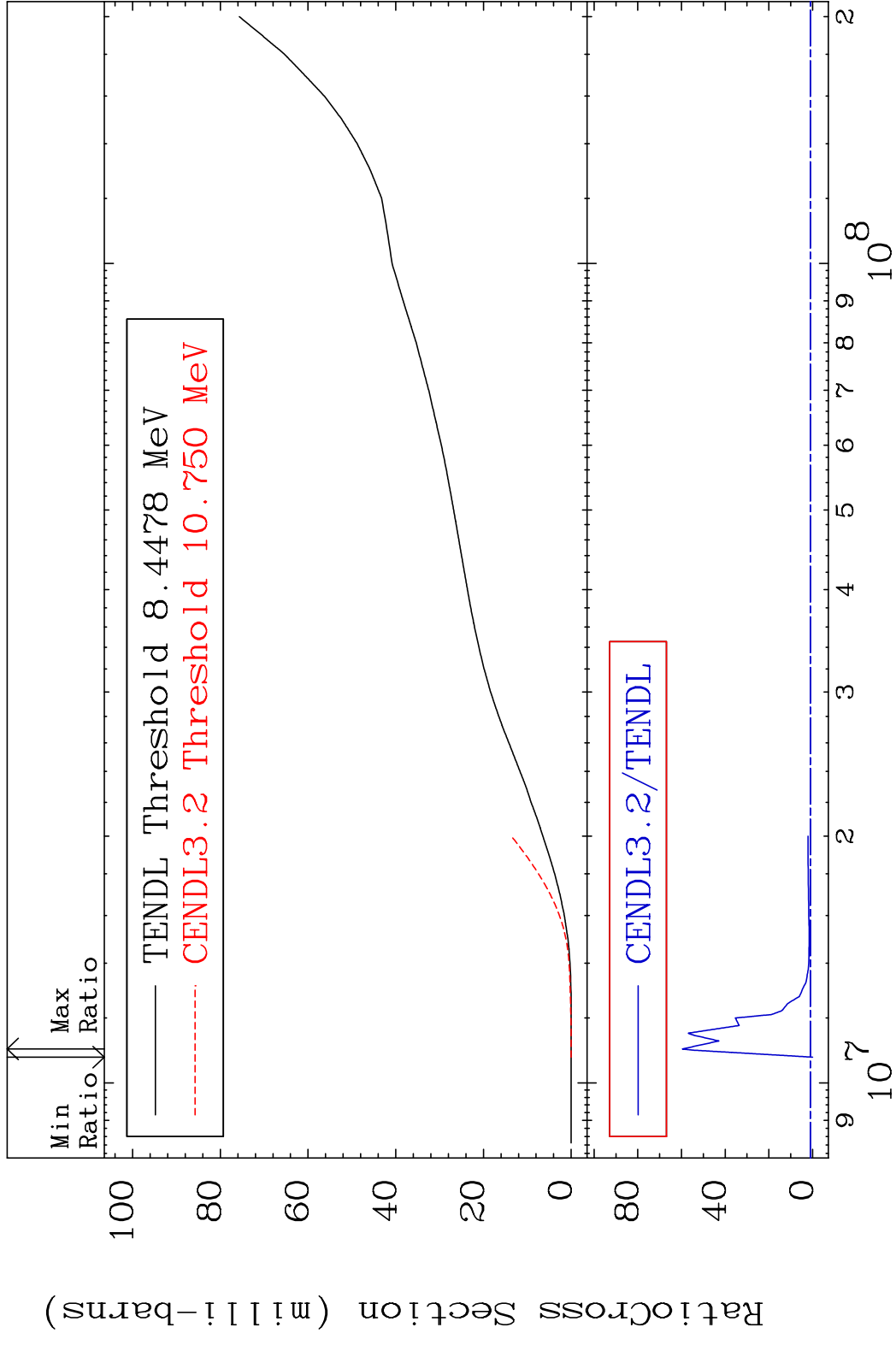
Incident Energy (eV)

31-Ga-69

MAT 3125 Hydrogen Production 31-Ga-69
 Cross Section -100.0 To 14.66 %





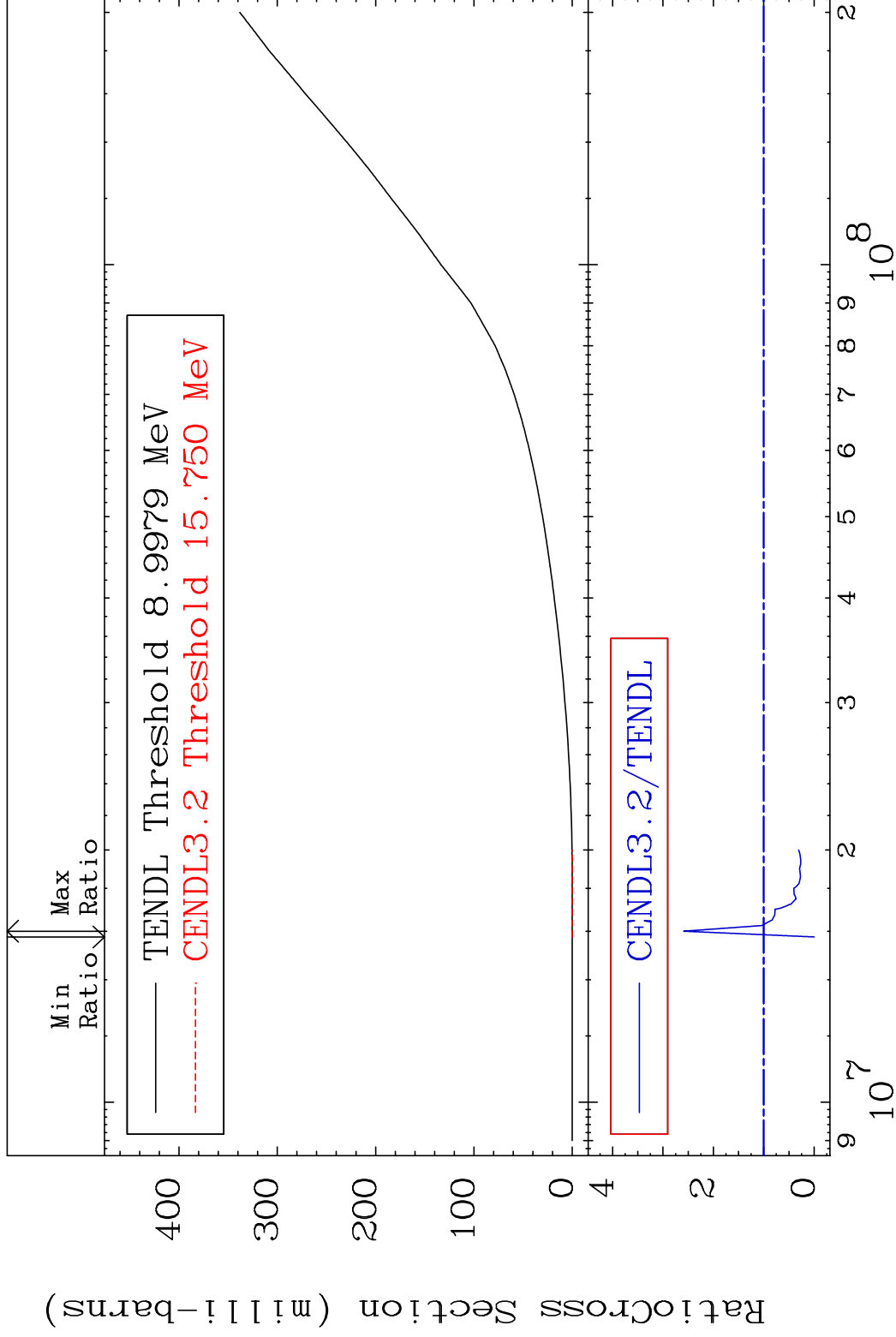


MAT 3125

He-3 Production

31-Ga-69

Cross Section -100.0 To 159.0 %



24

Incident Energy (eV)

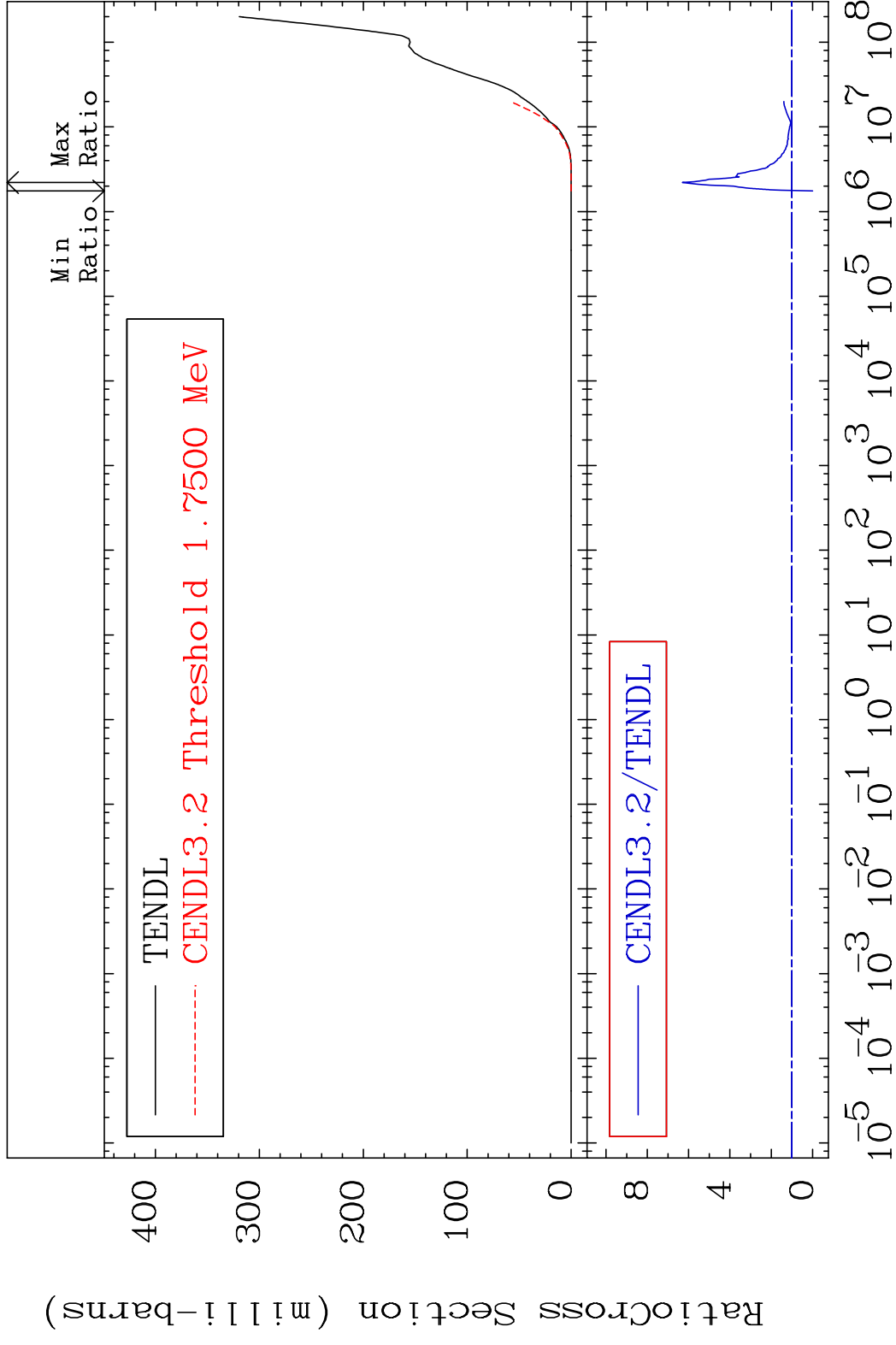
31-Ga-69

MAT 3125

He-4 Production

31-Ga-69

Cross Section -100.0 To 530.3 %

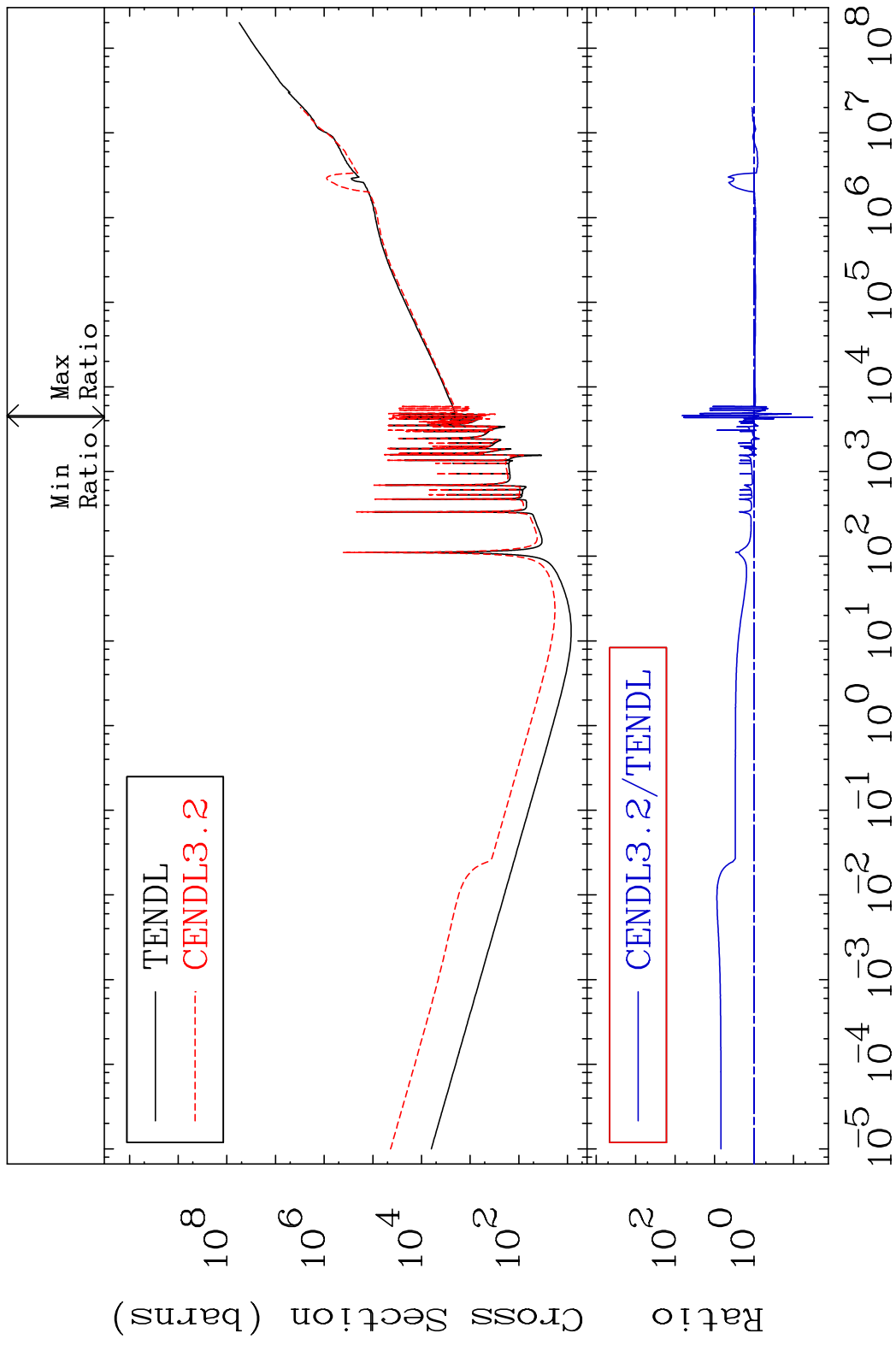


25

Incident Energy (eV)

31-Ga-69

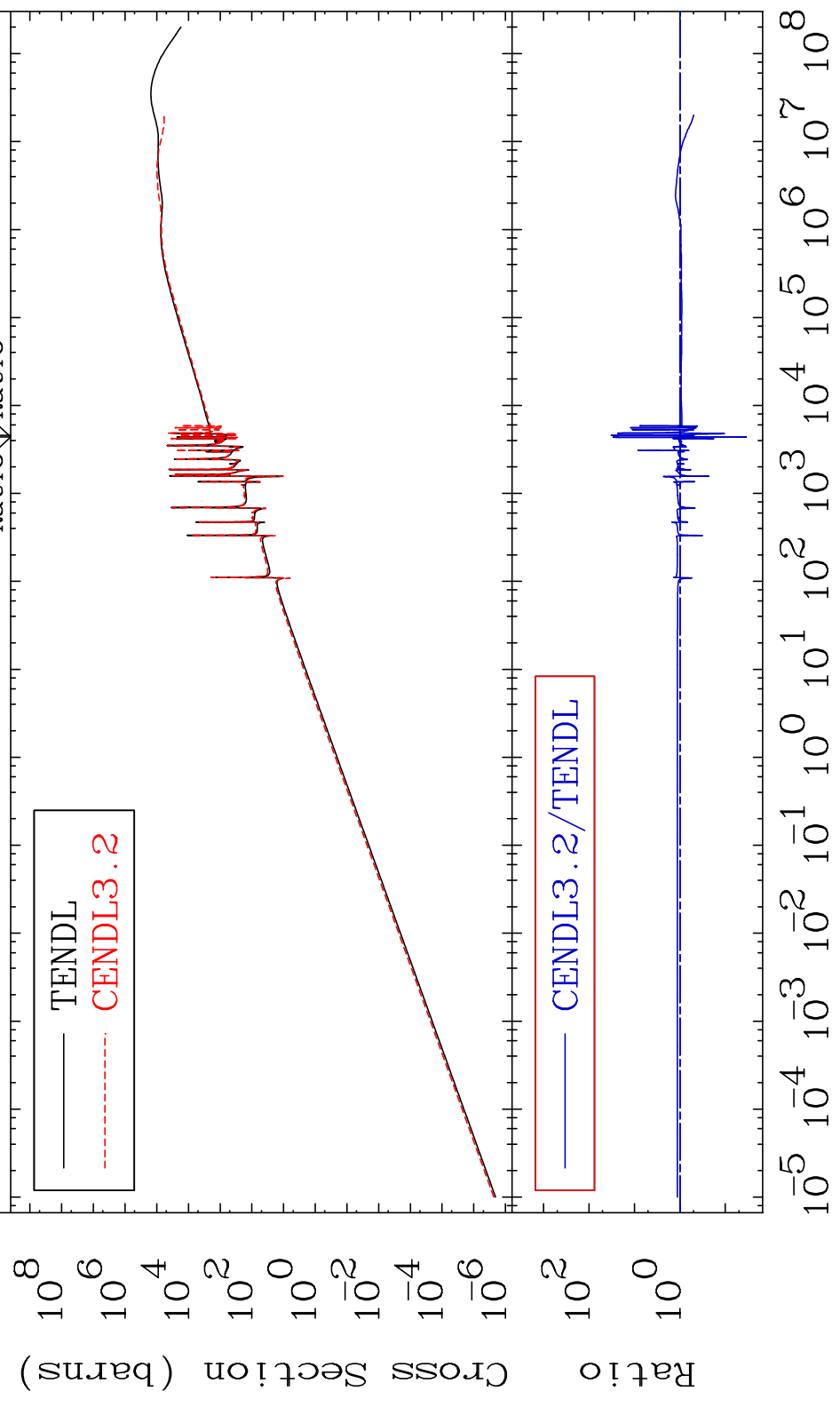
MAT 3125 Kerma total (eV-barns) 31-Ga-69
 Cross Section -96.74 To 6438. %



MAT 3125

Kerma elastic Cross Section -96.54 To 3171. %

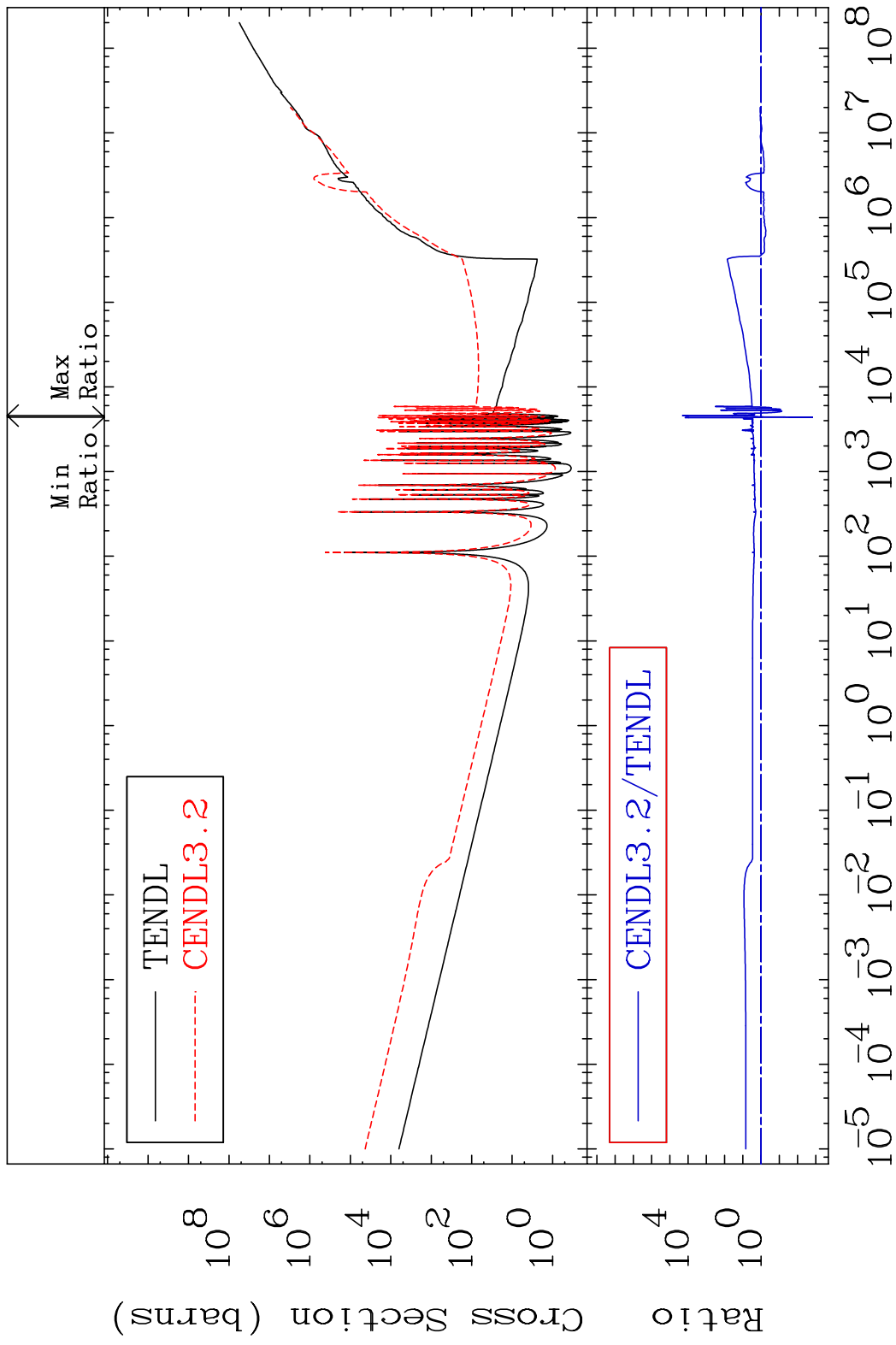
31-Ga-69



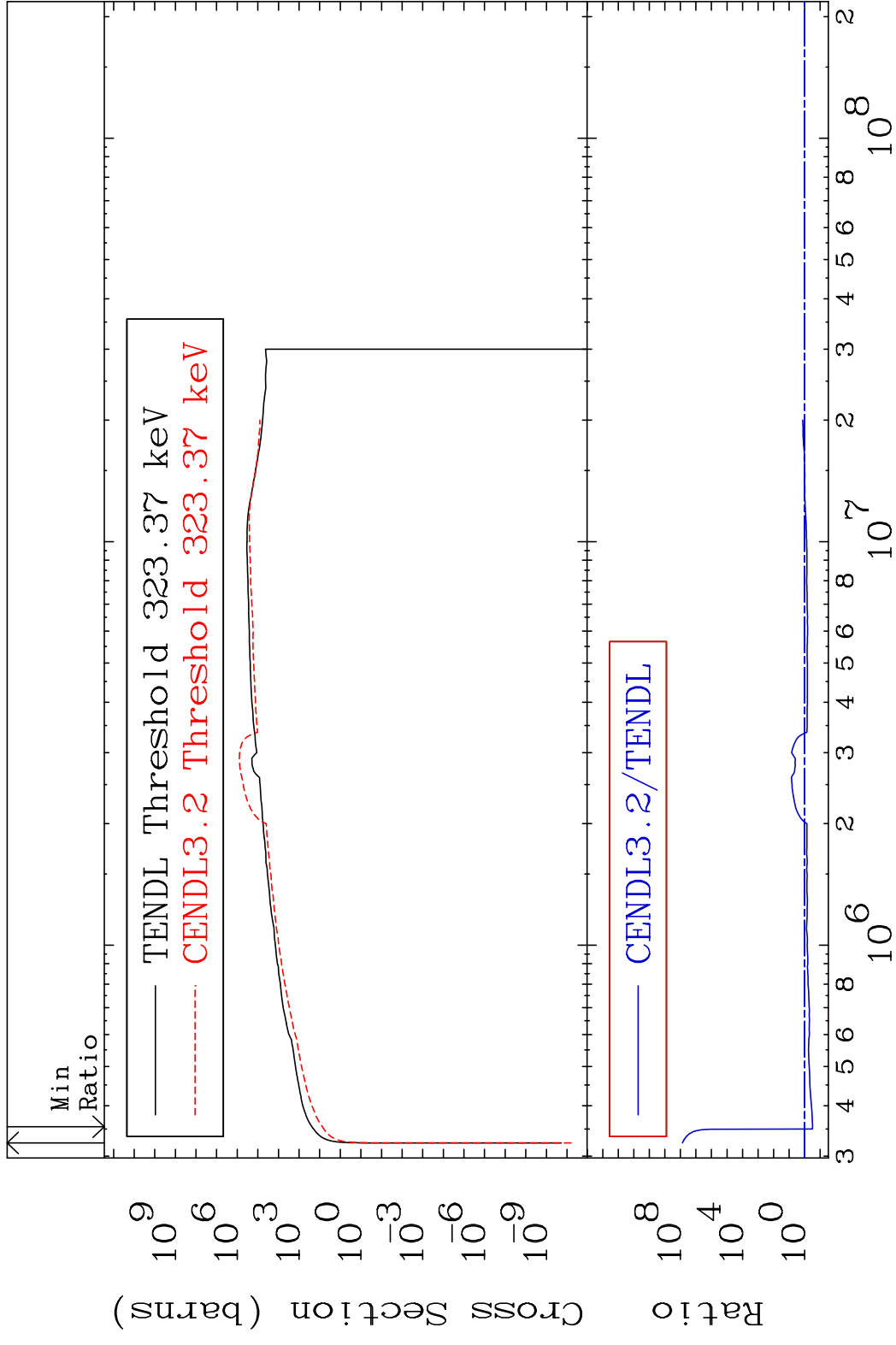
27

Incident Energy (eV) 31-Ga-69

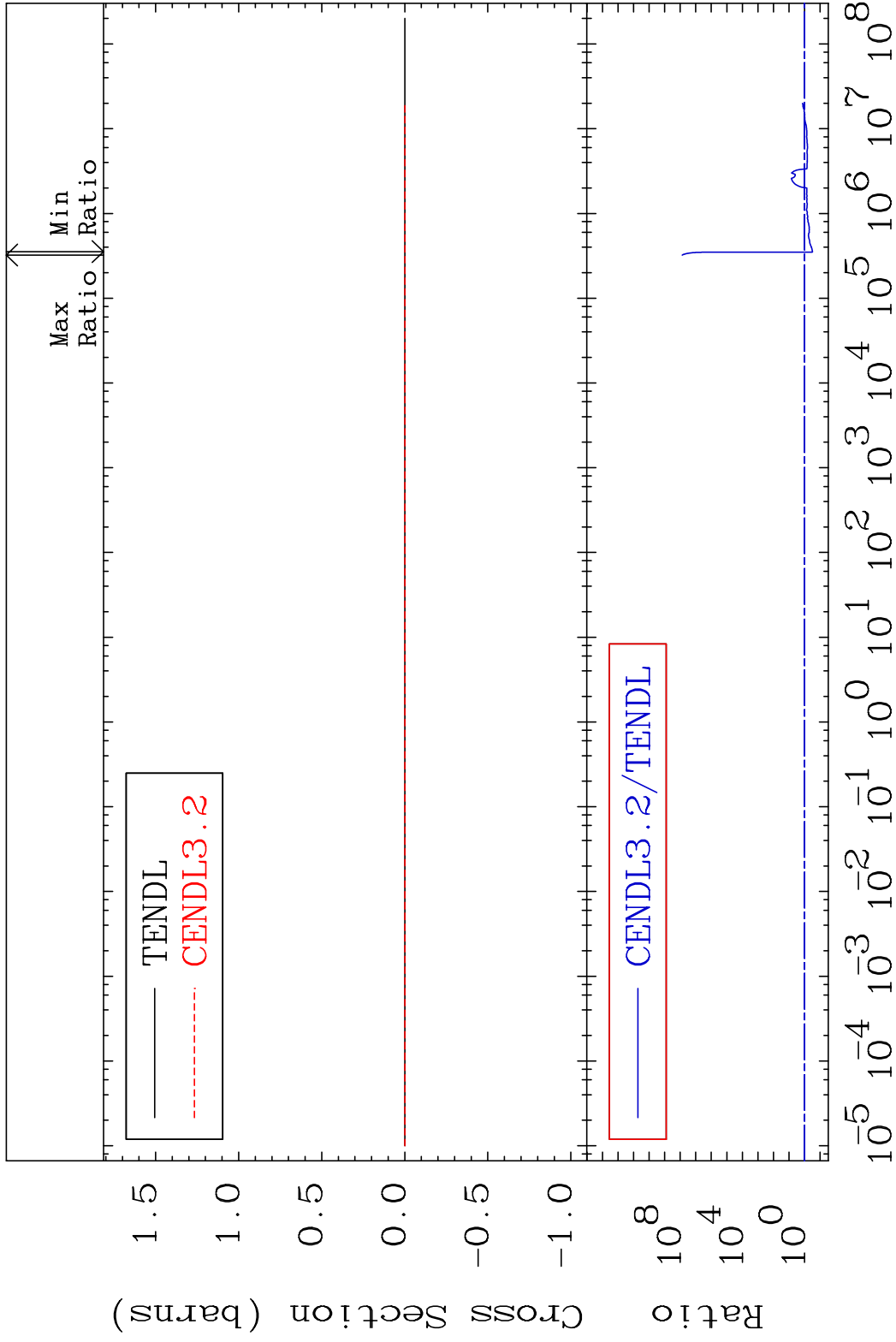
MAT 3125 Kerma non-elastic (all but mt2) 31-Ga-69
 Cross Section -99.85 To 9999. %



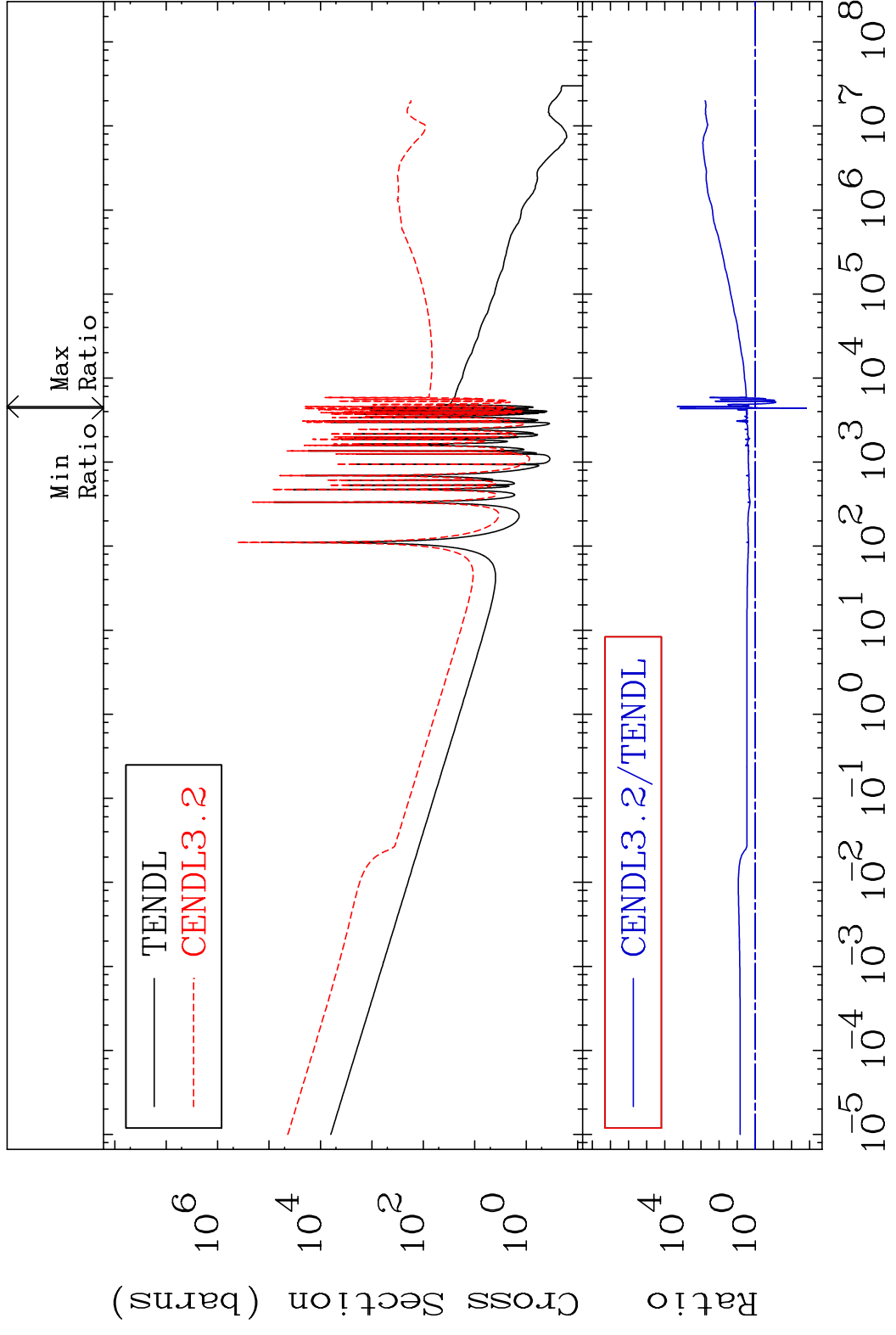
MAT 3125 Kerma inelastic (mt51-91) 31-Ga-69
 Cross Section -69.11 To 9999. %



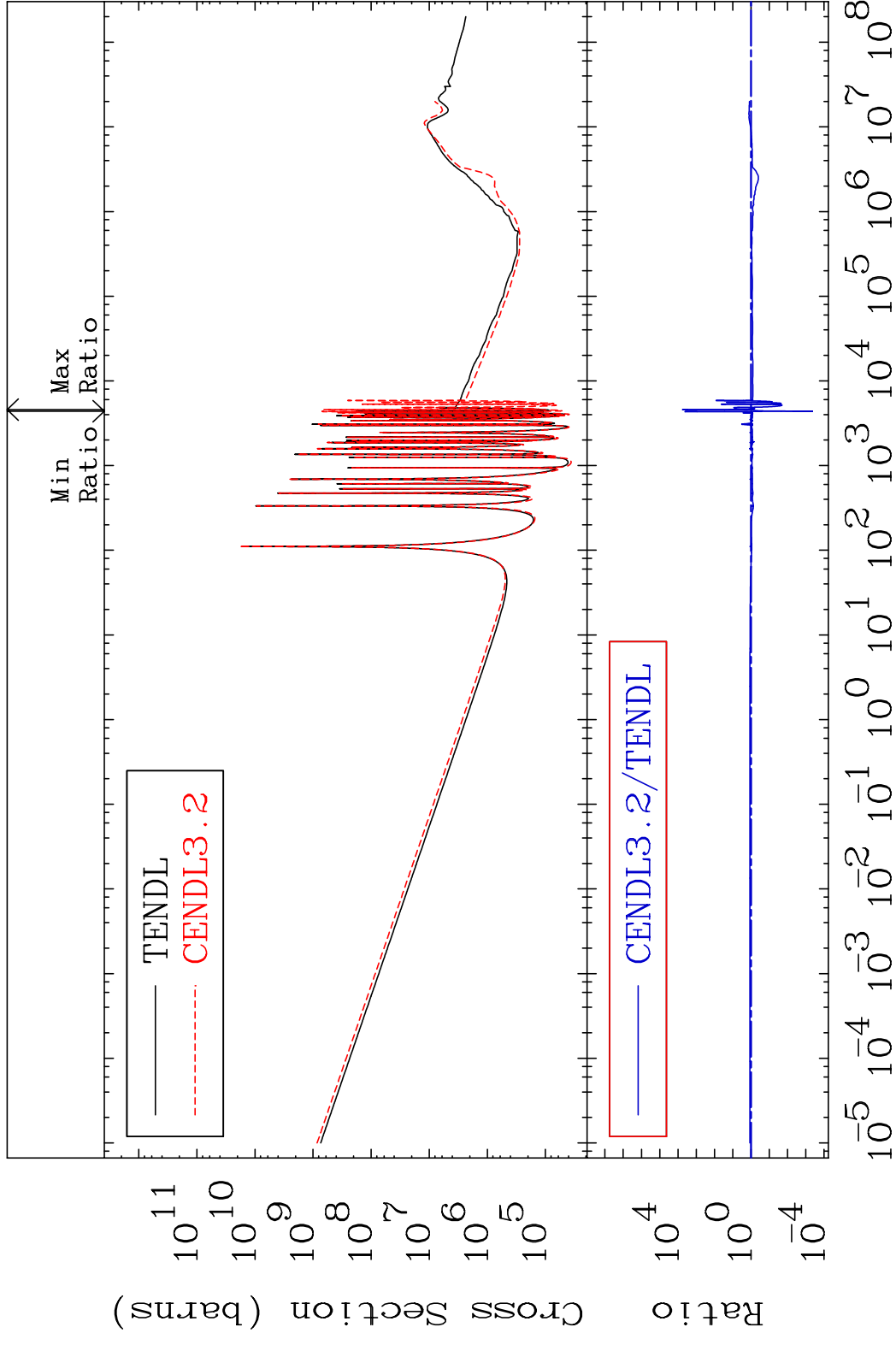
MAT 3125 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-69
 Cross Section -69.11 To 9999. %



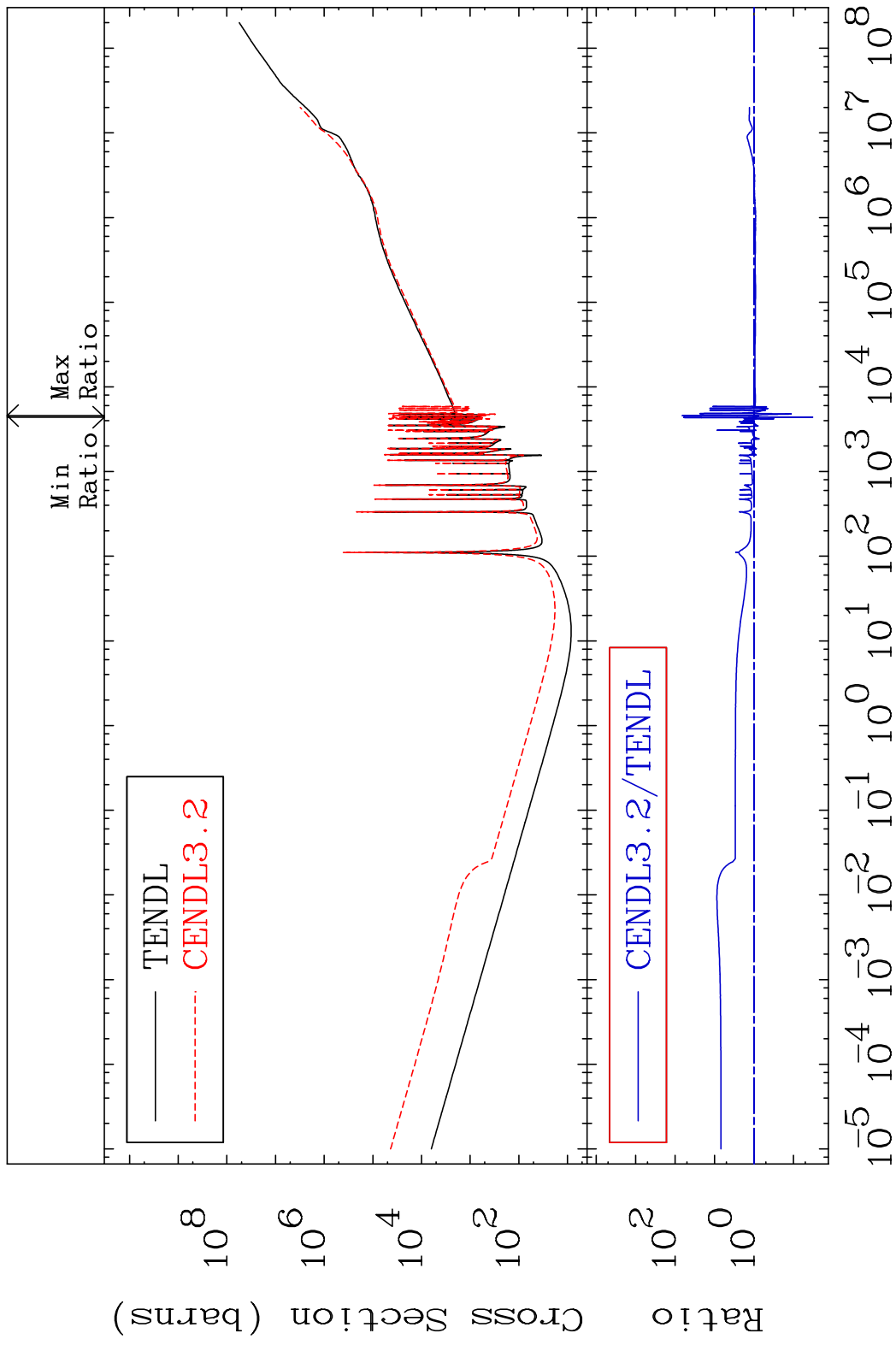
MAT 3125 Kerma capture (mt102) 31-Ga-69
 Cross Section -99.85 To 9999. %



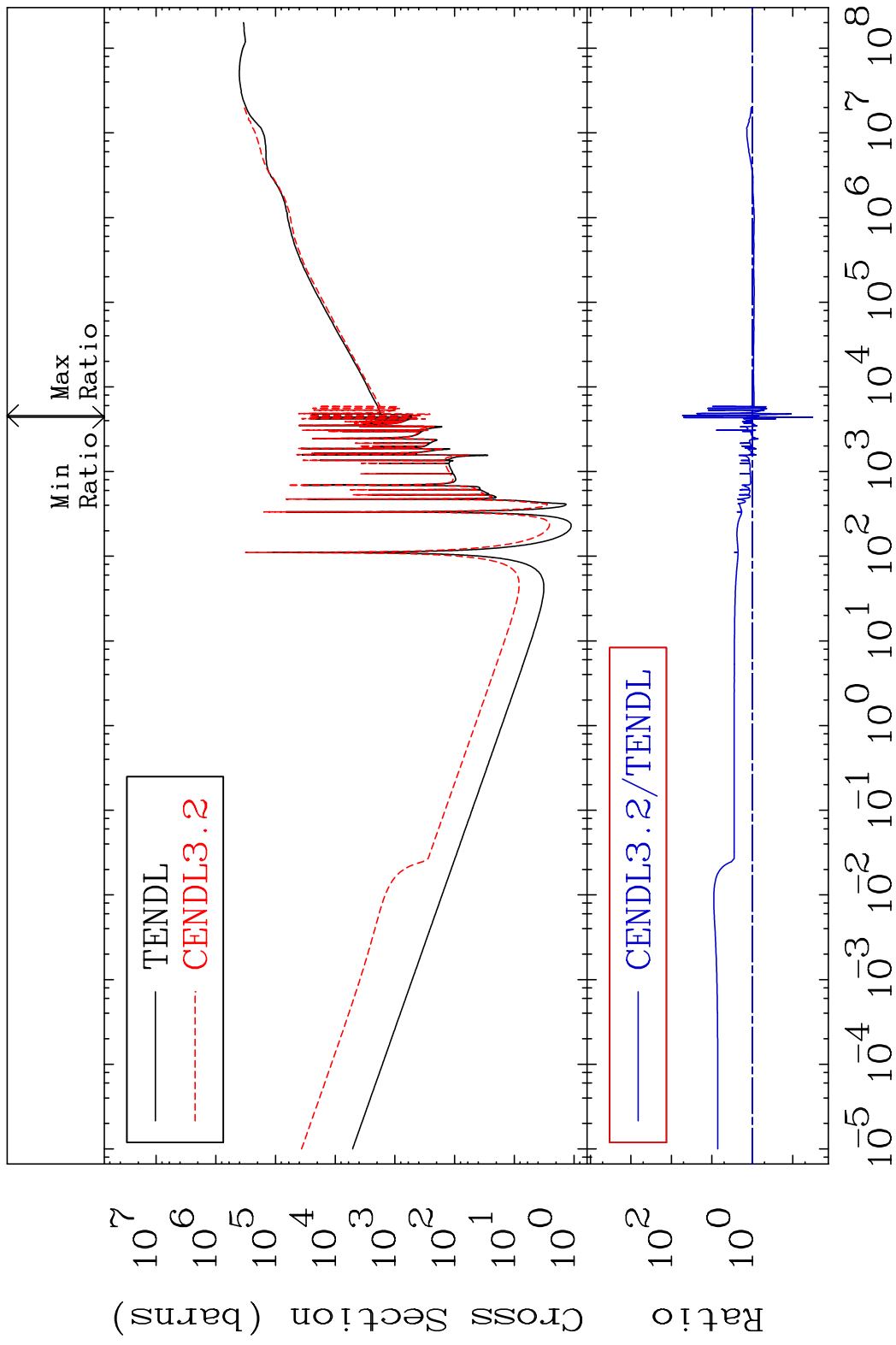
MAT 3125 Total photon (eV-barns) 31-Ga-69
 Cross Section -99.96 To 9999. %



MAT 3125 Total kinematic kerma (high limit) 31-Ga-69
 Cross Section -96.74 To 6438. %



MAT 3125 Dpa total (eV-barns) 31-Ga-69
 Cross Section -96.74 To 5273. %

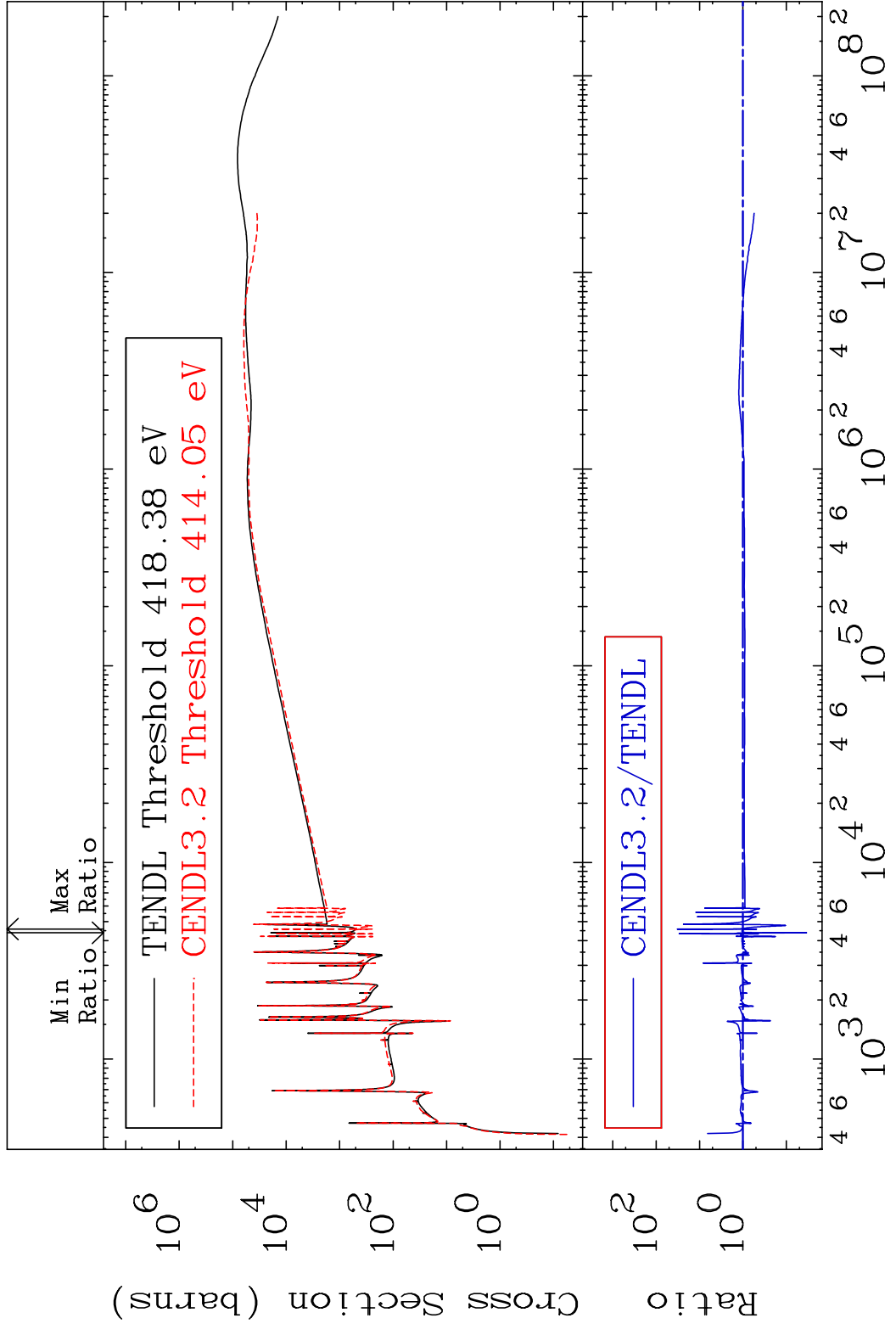


MAT 3125

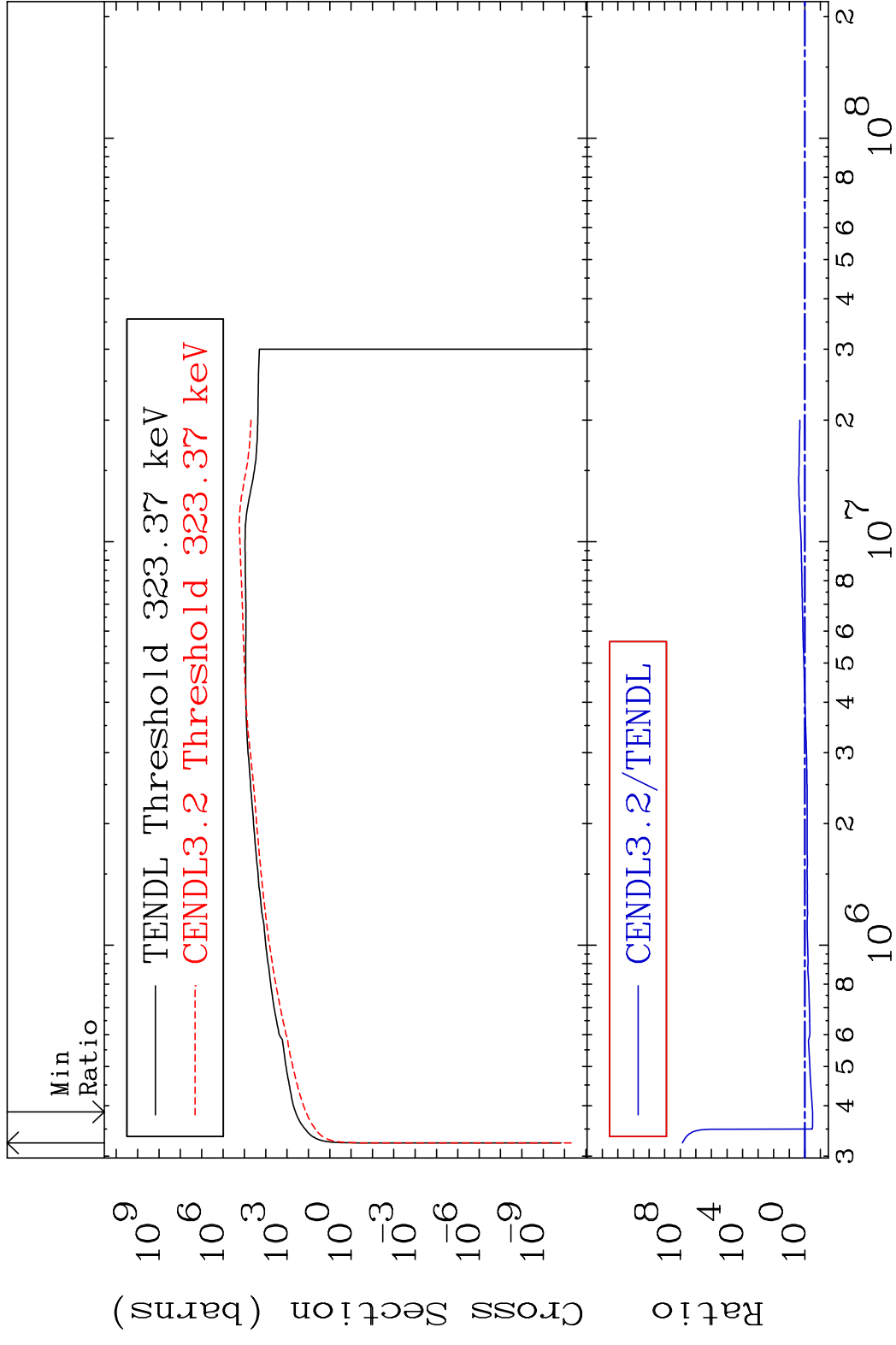
Dpa elastic (mt2)

31-Ga-69

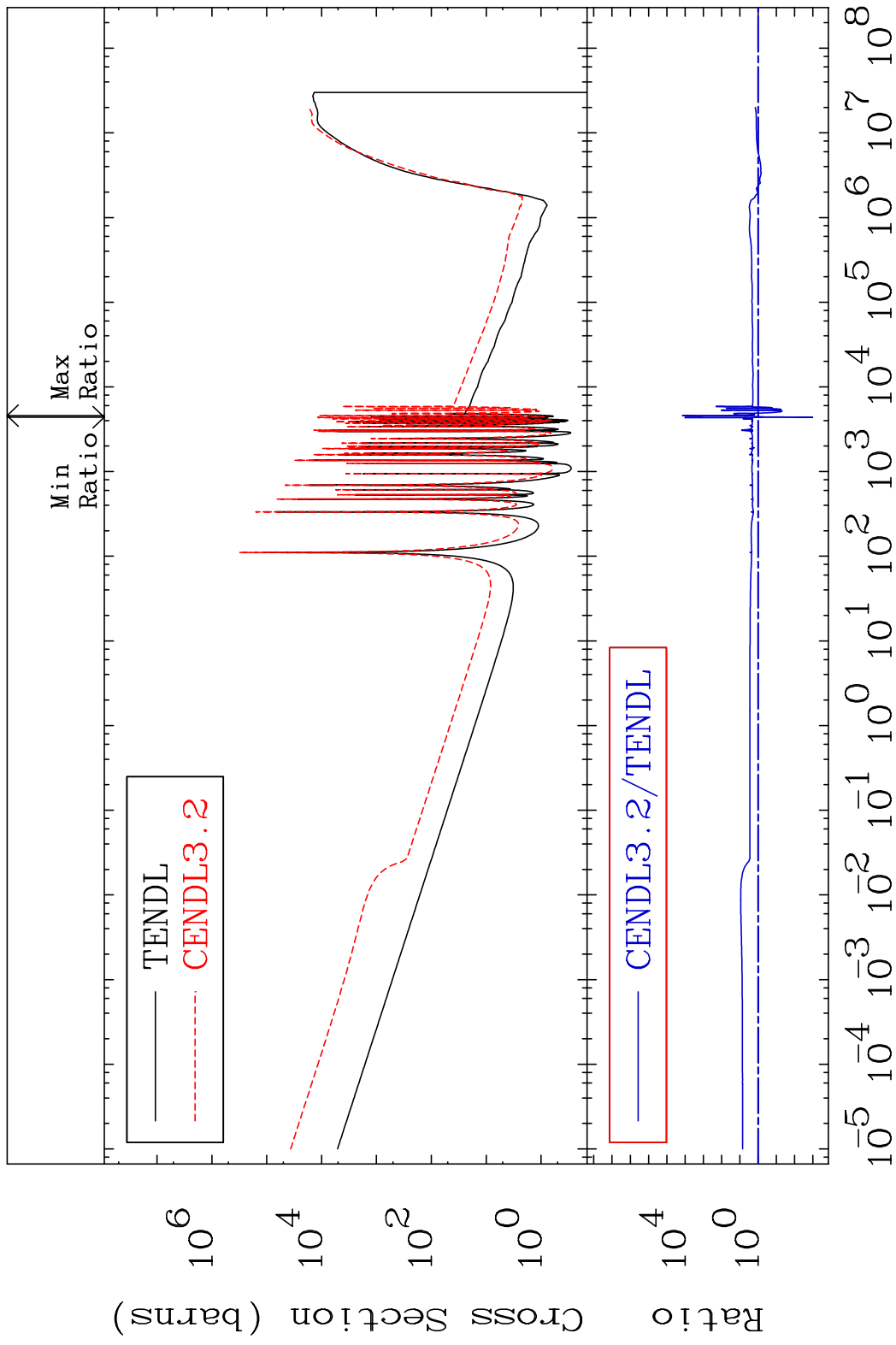
Cross Section -96.54 To 3167. %



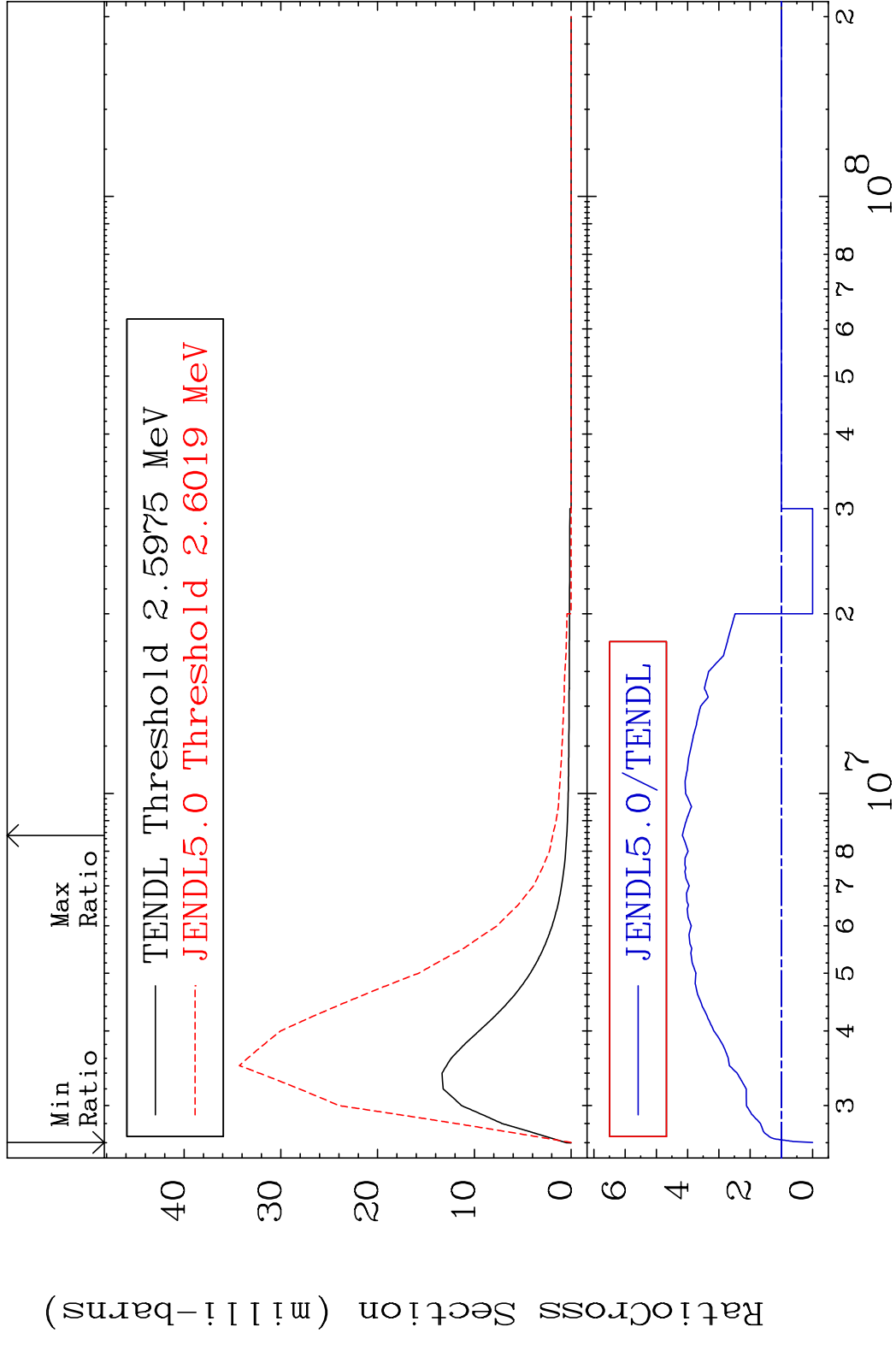
MAT 3125 Dpa inelastic (mt51-91) 31-Ga-69
 Cross Section -67.82 To 9999. %



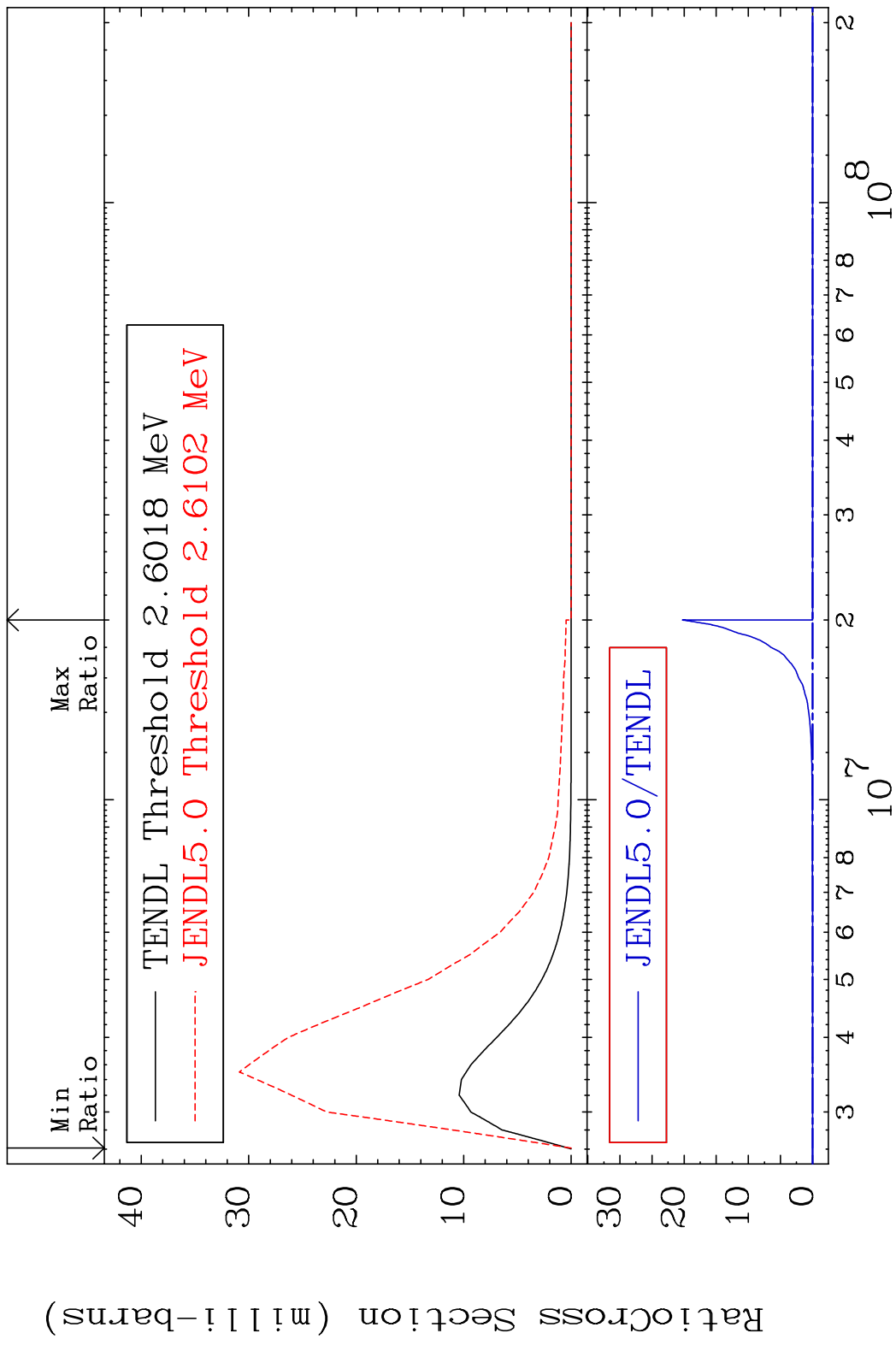
MAT 3125 Dpa disappearance (mt102 -120) 31-Ga-69
 Cross Section -99.90 To 9999. %



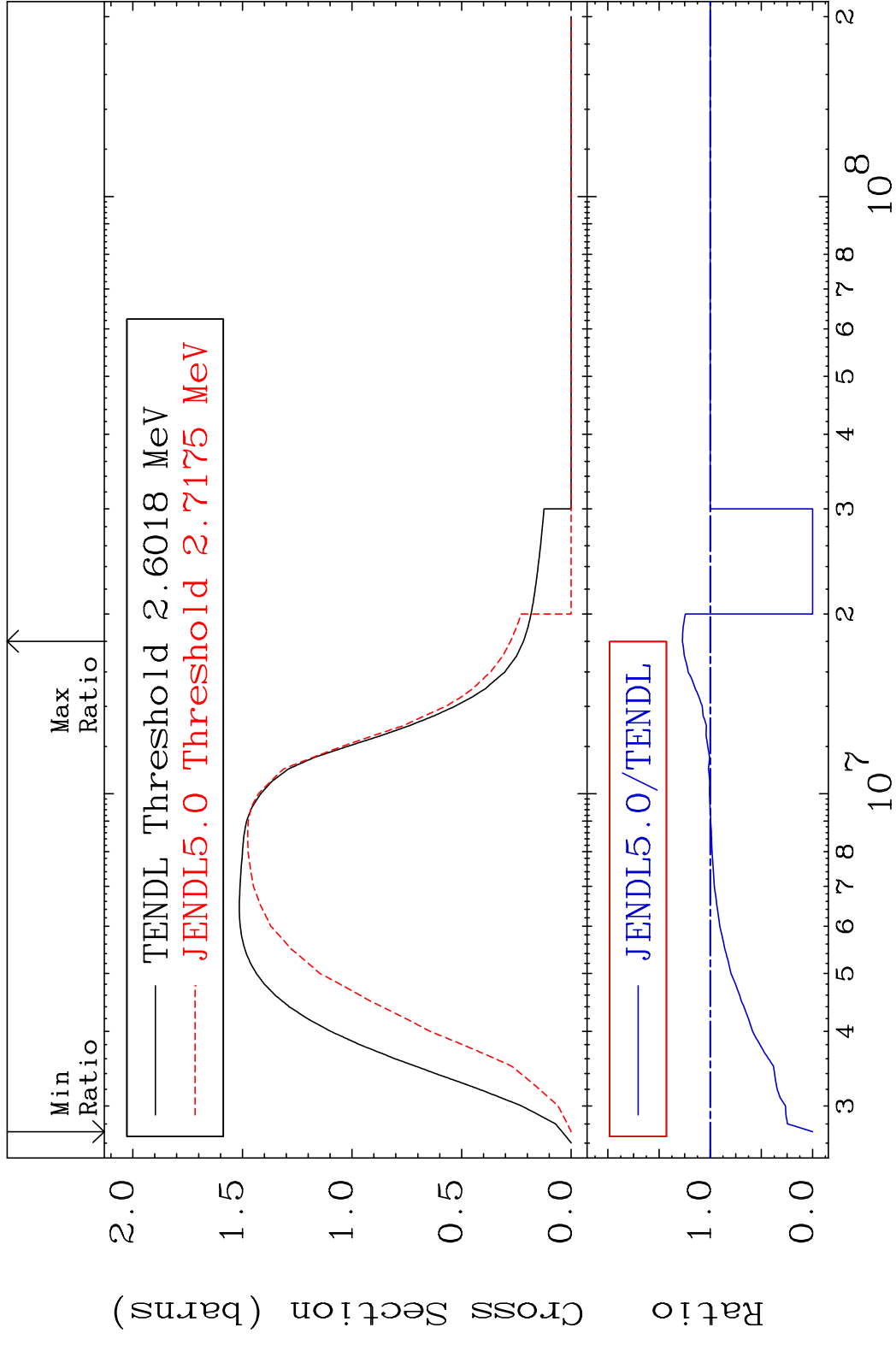
MAT 3125 MT= 79 (n, n') Level 31-Ga-69
 Cross Section -100.0 To 316.6 %



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 %



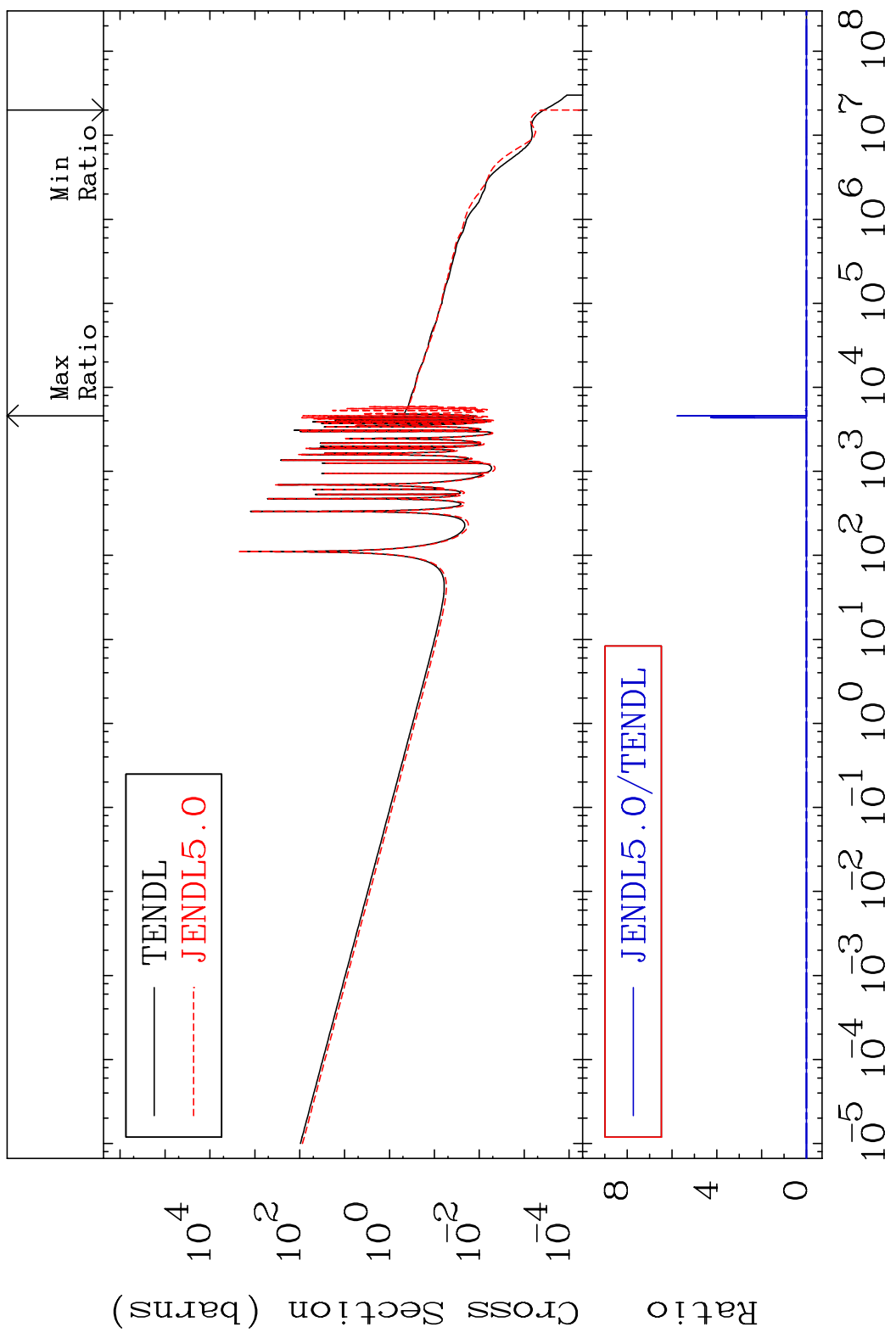
40 Incident Energy (eV) 31-Ga-69

MAT 3125

(n, γ)

31-Ga-69

Cross Section -100.0 To 9999. %

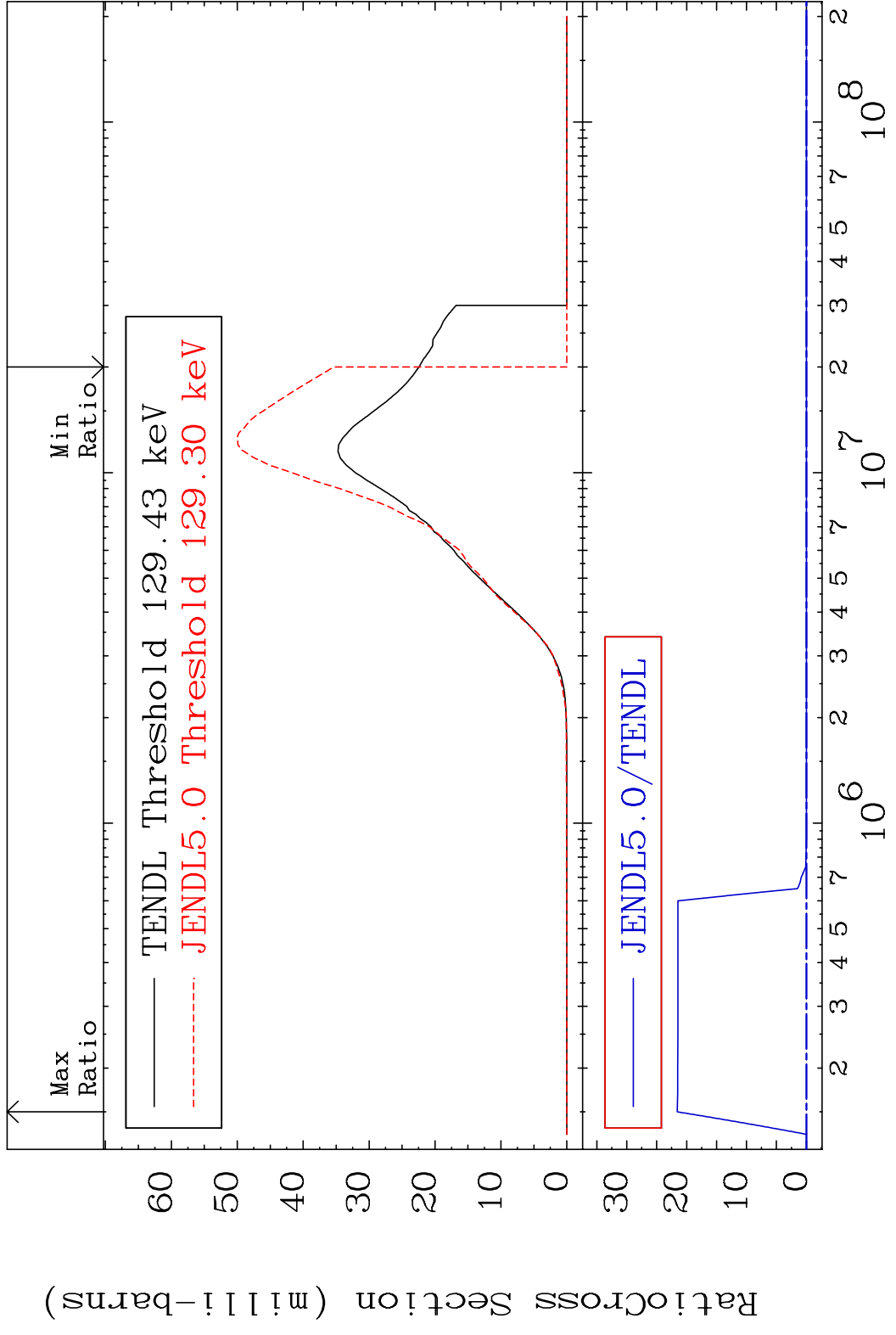


41

Incident Energy (eV)

31-Ga-69

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

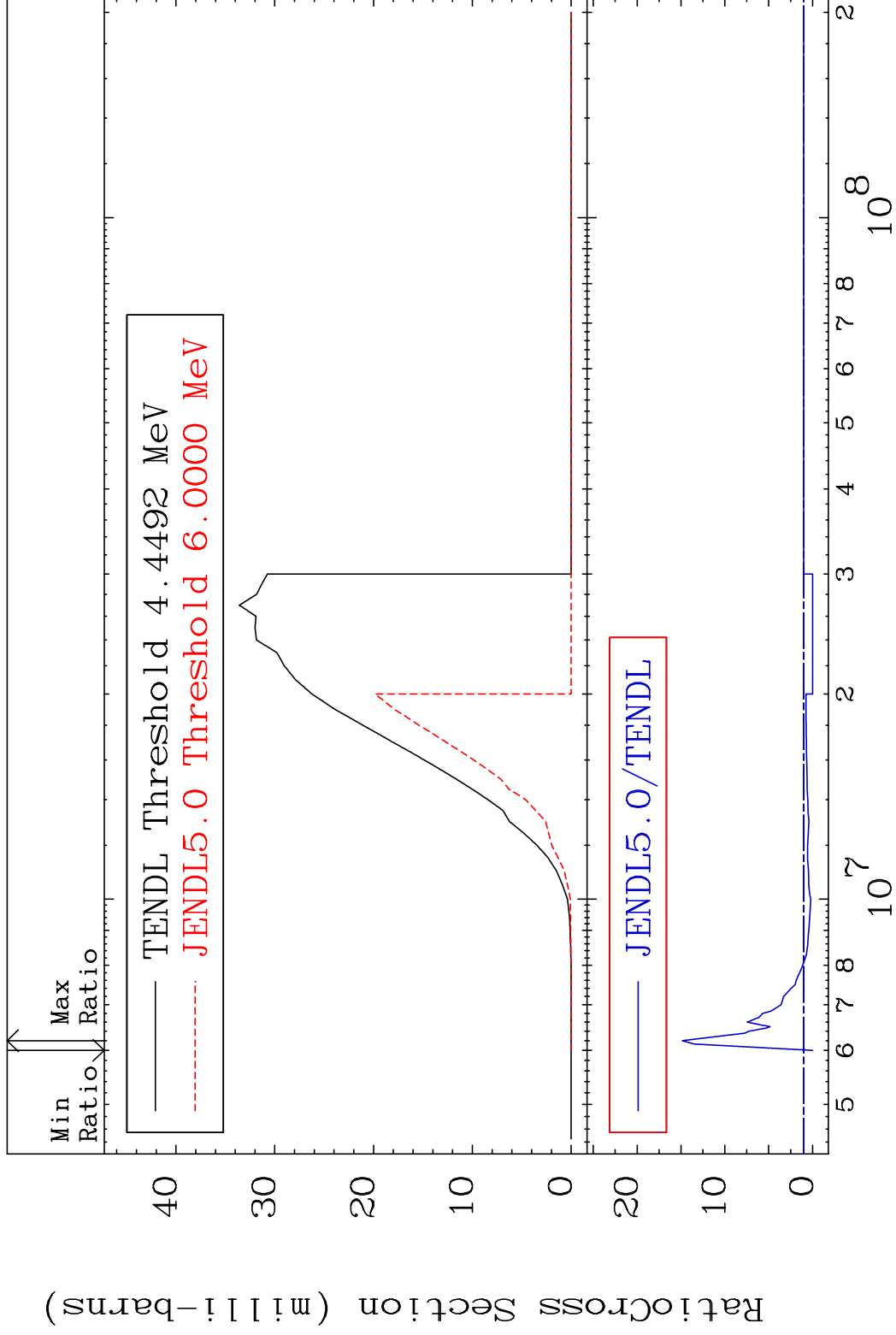


MAT 3125

(n,d)

31-Ga-69

Cross Section -100.0 To 1384. %



43

Incident Energy (eV)

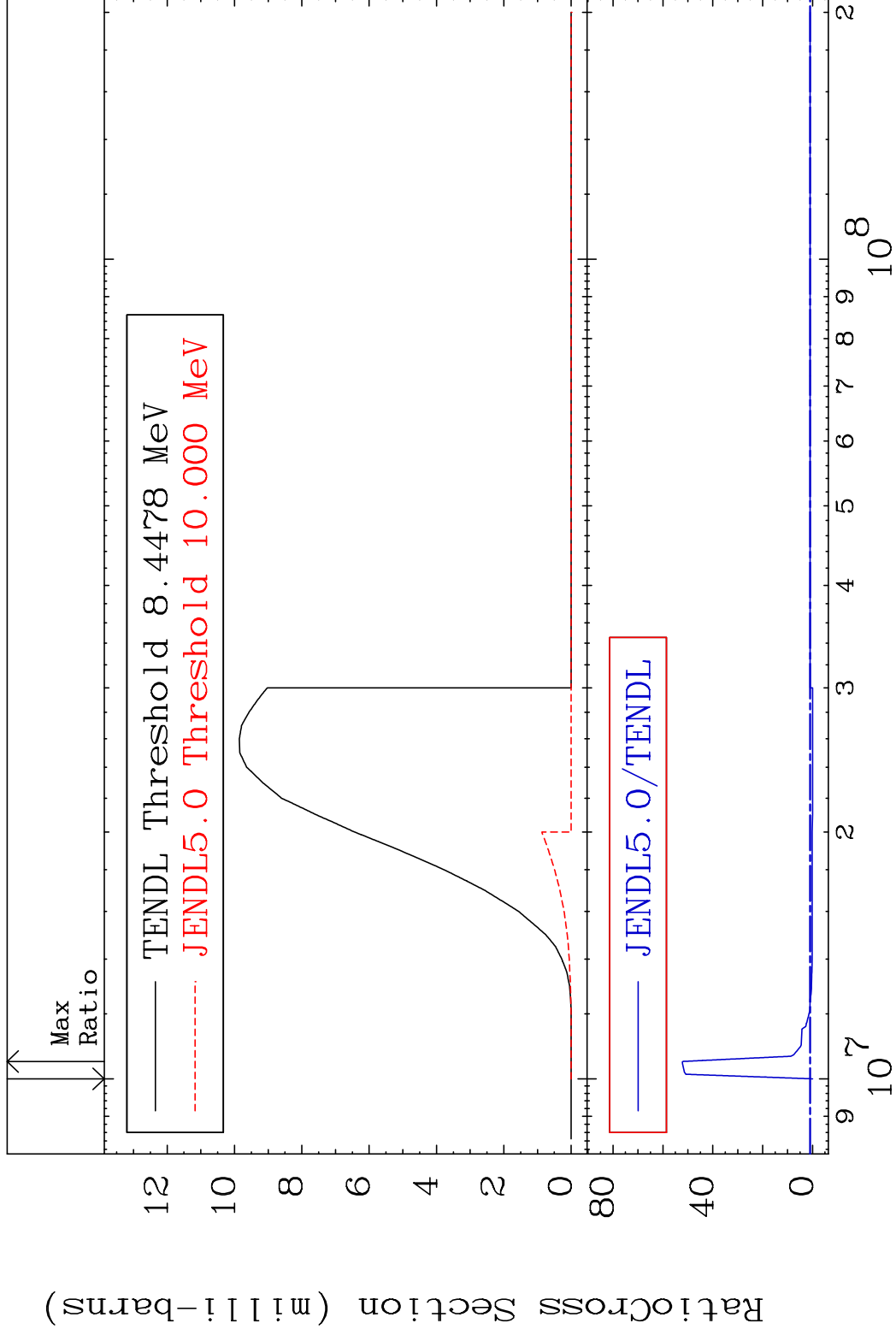
31-Ga-69

MAT 3125

(n, t)

31-Ga-69

Cross Section -100.0 To 5120. %

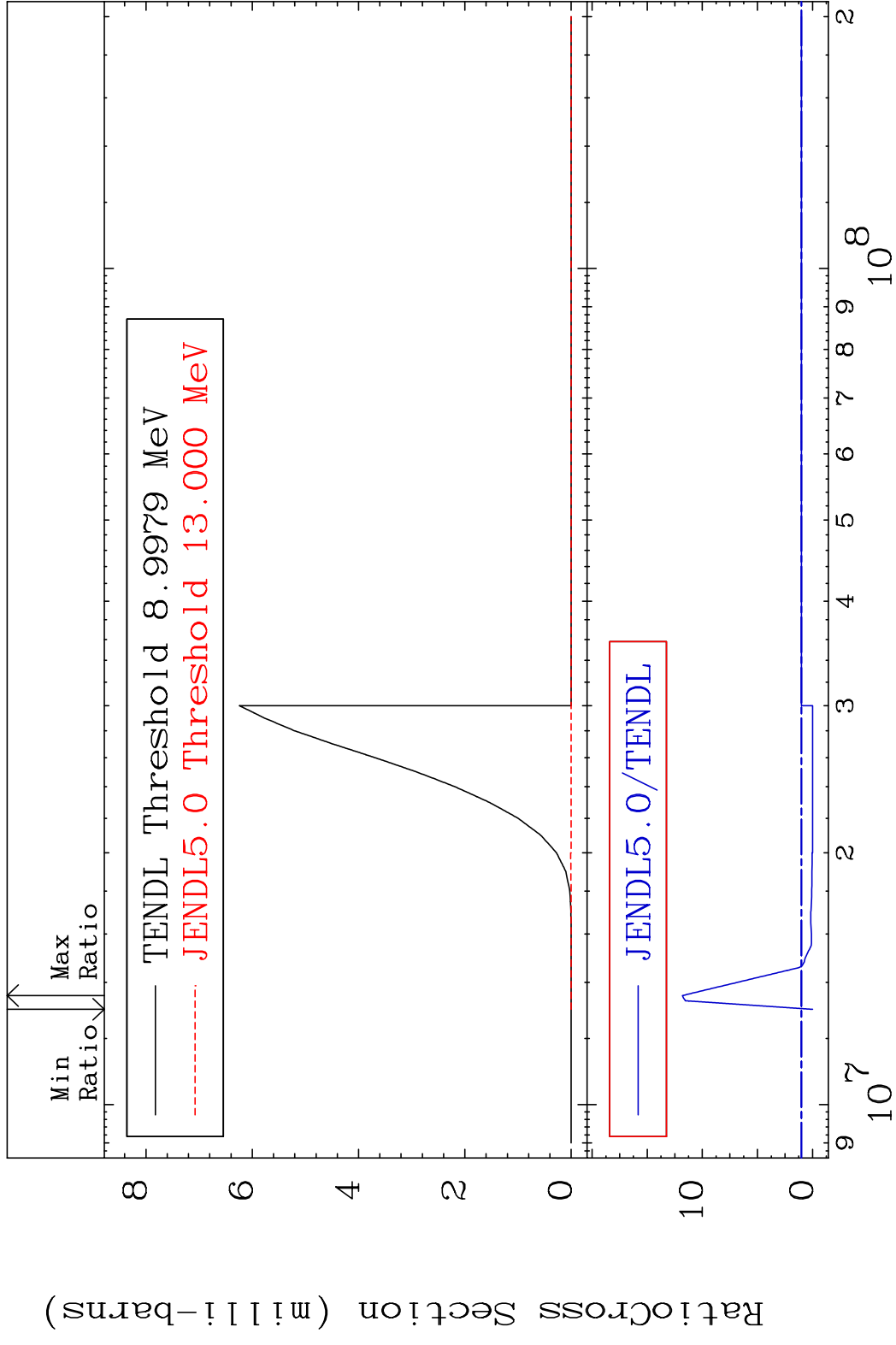


44

Incident Energy (eV)

31-Ga-69

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



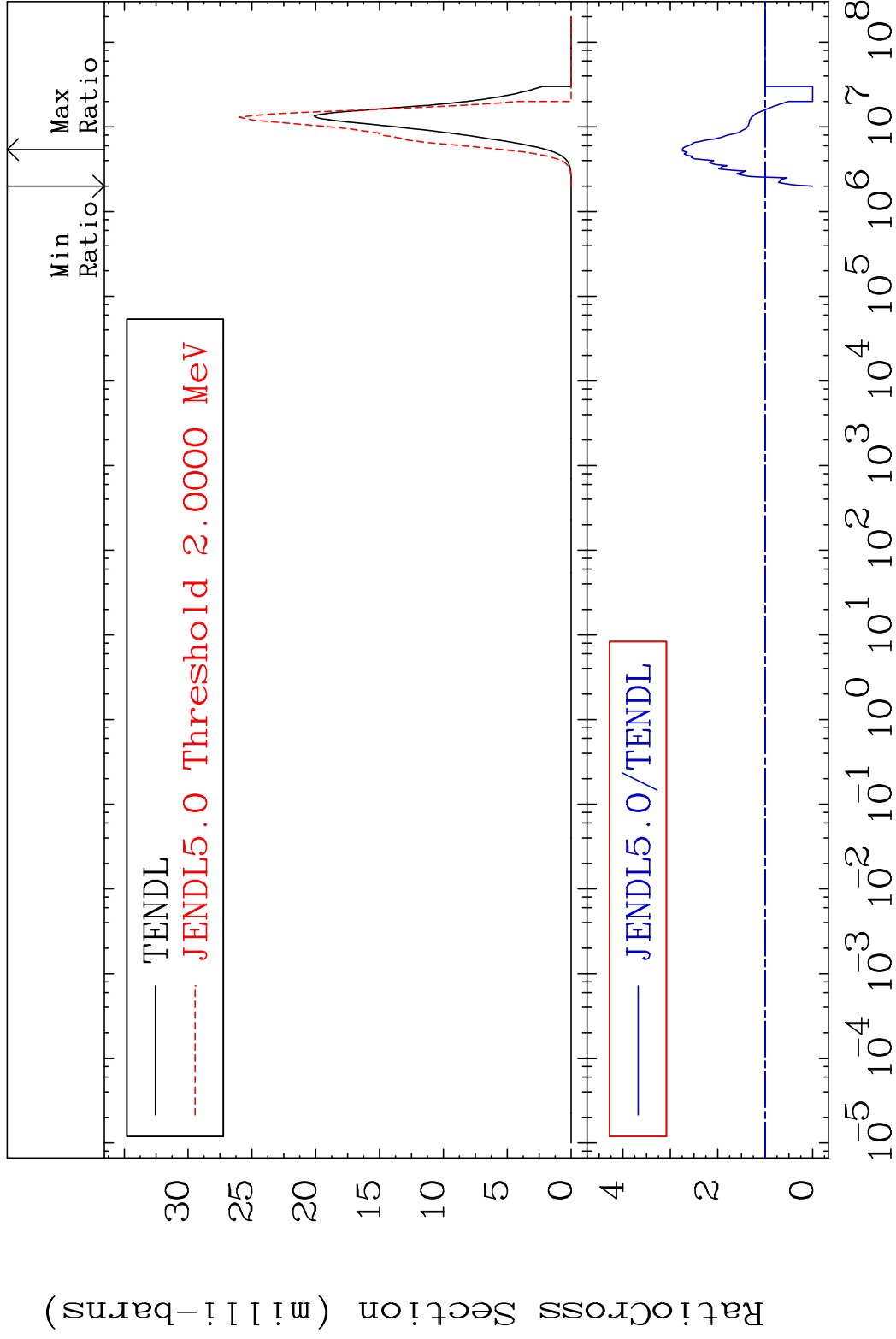
45 Incident Energy (eV) 31-Ga-69

MAT 3125

(n, α)

31-Ga-69

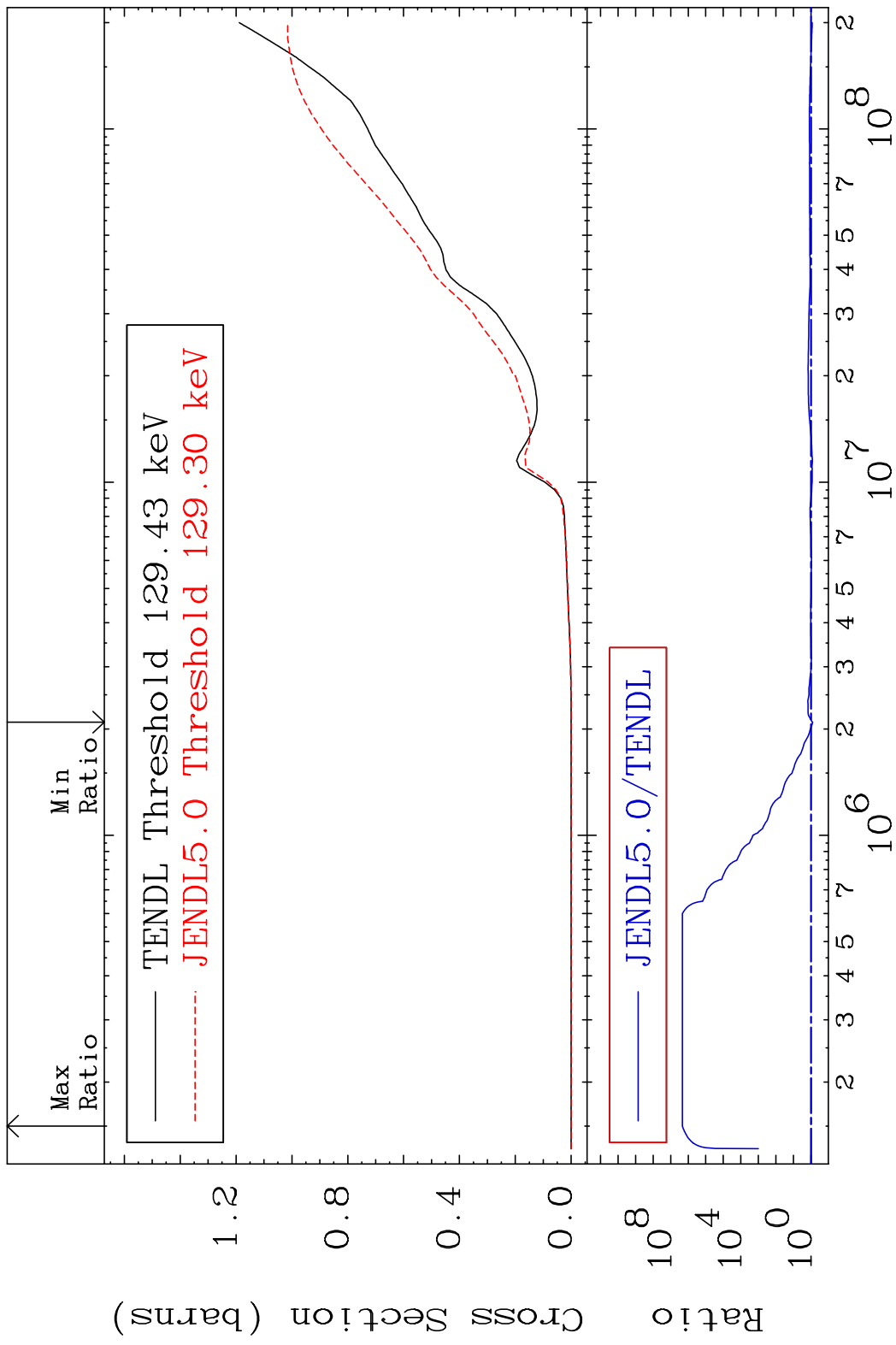
Cross Section -100.0 To 174.6 %



46

Incident Energy (eV)

31-Ga-69

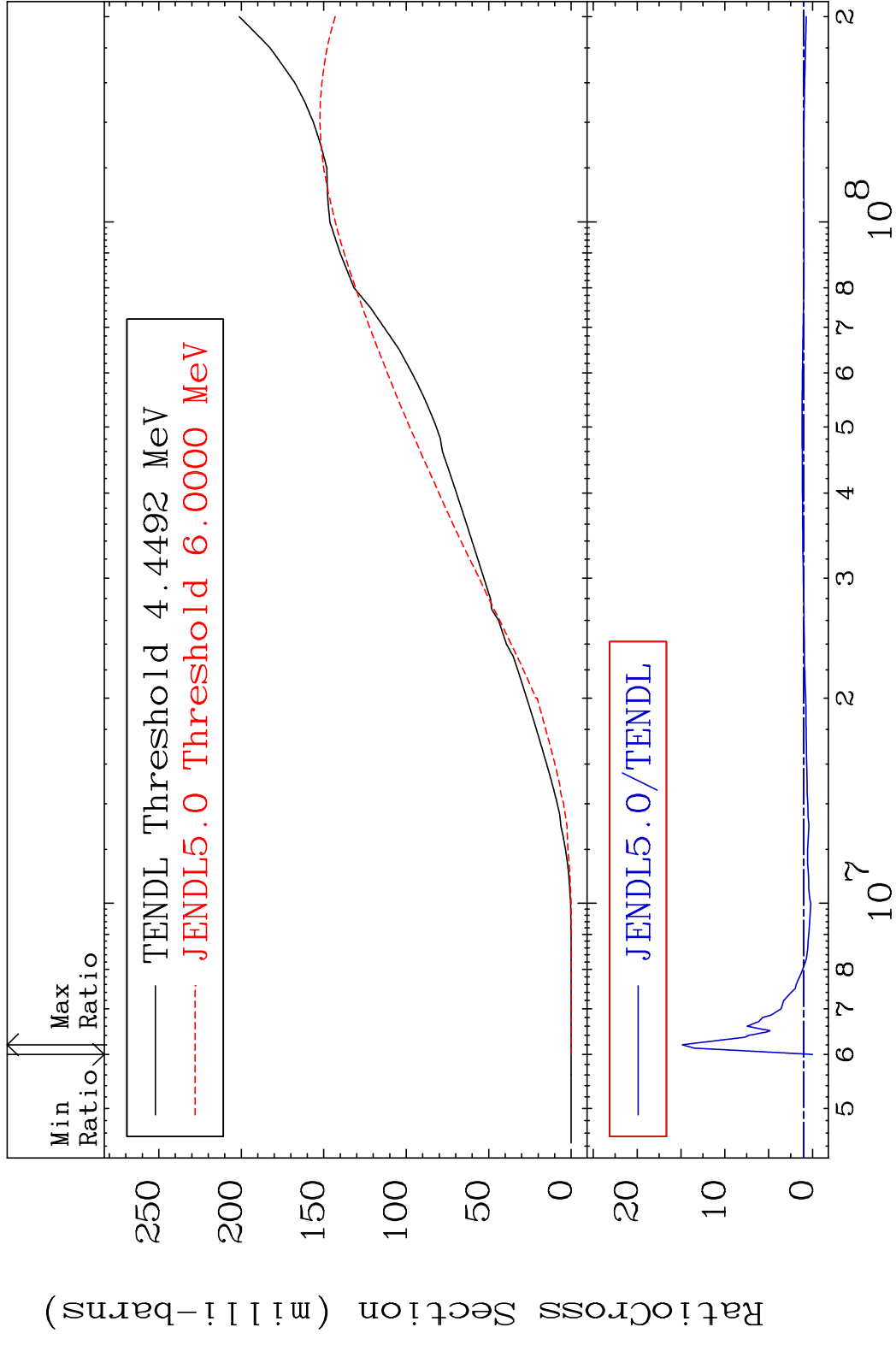


MAT 3125

Deuterium Production

31-Ga-69

Cross Section -100.0 To 1384. %

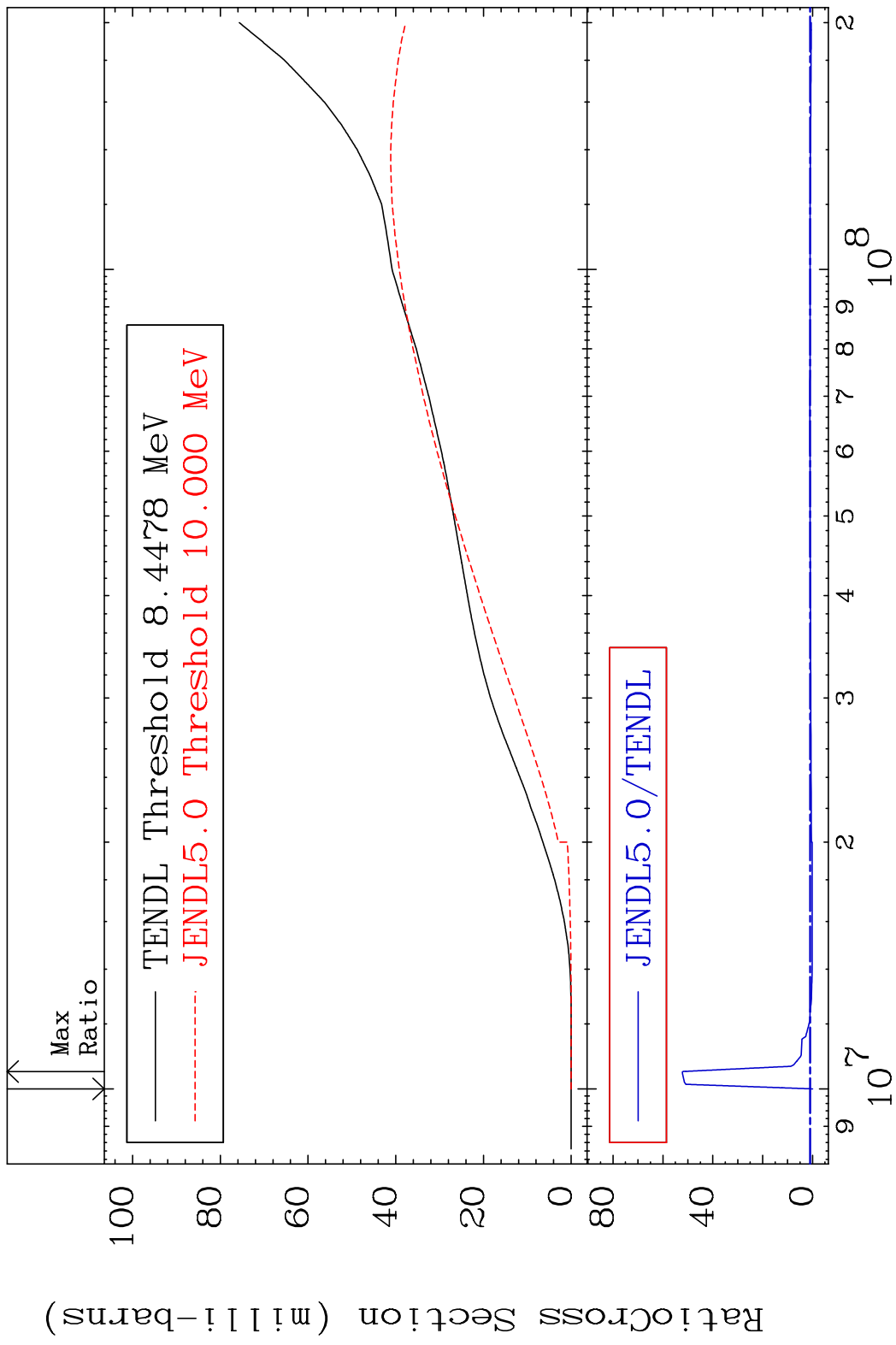


48

Incident Energy (eV)

31-Ga-69

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



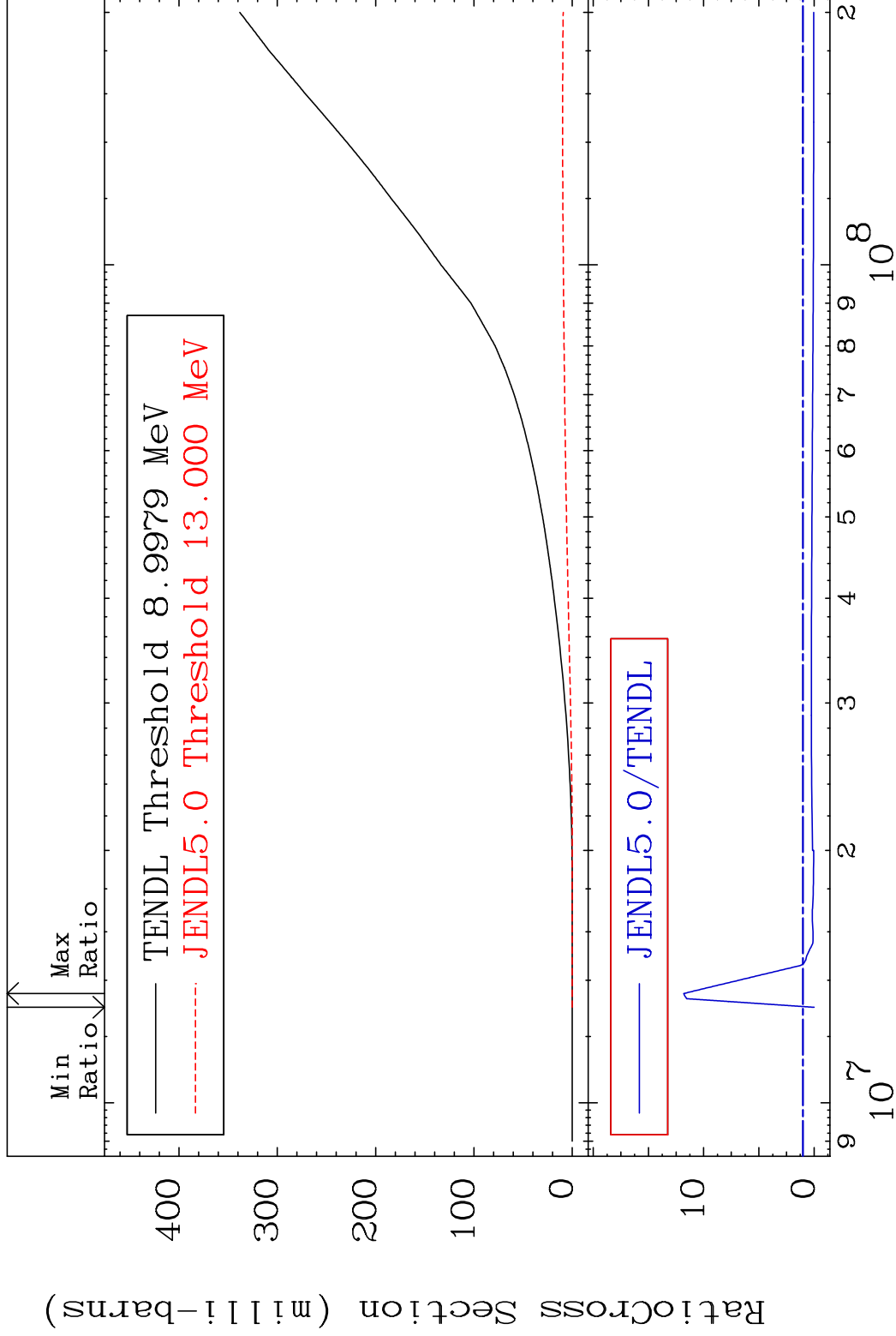
49 Incident Energy (eV) 31-Ga-69

MAT 3125

He-3 Production

31-Ga-69

Cross Section -100.0 To 1081. %



50

Incident Energy (eV)

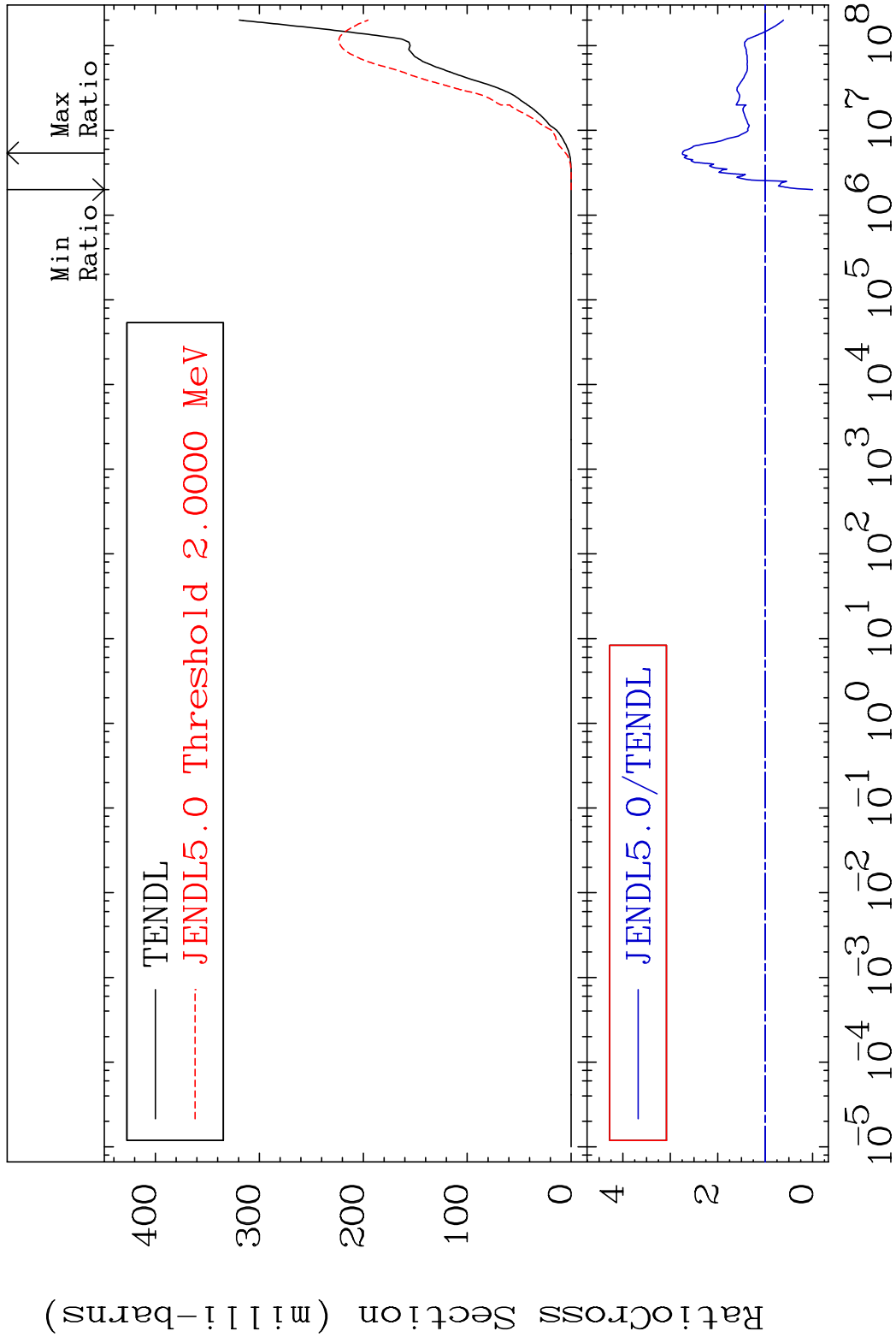
31-Ga-69

MAT 3125

He-4 Production

31-Ga-69

Cross Section -100.0 To 174.6 %

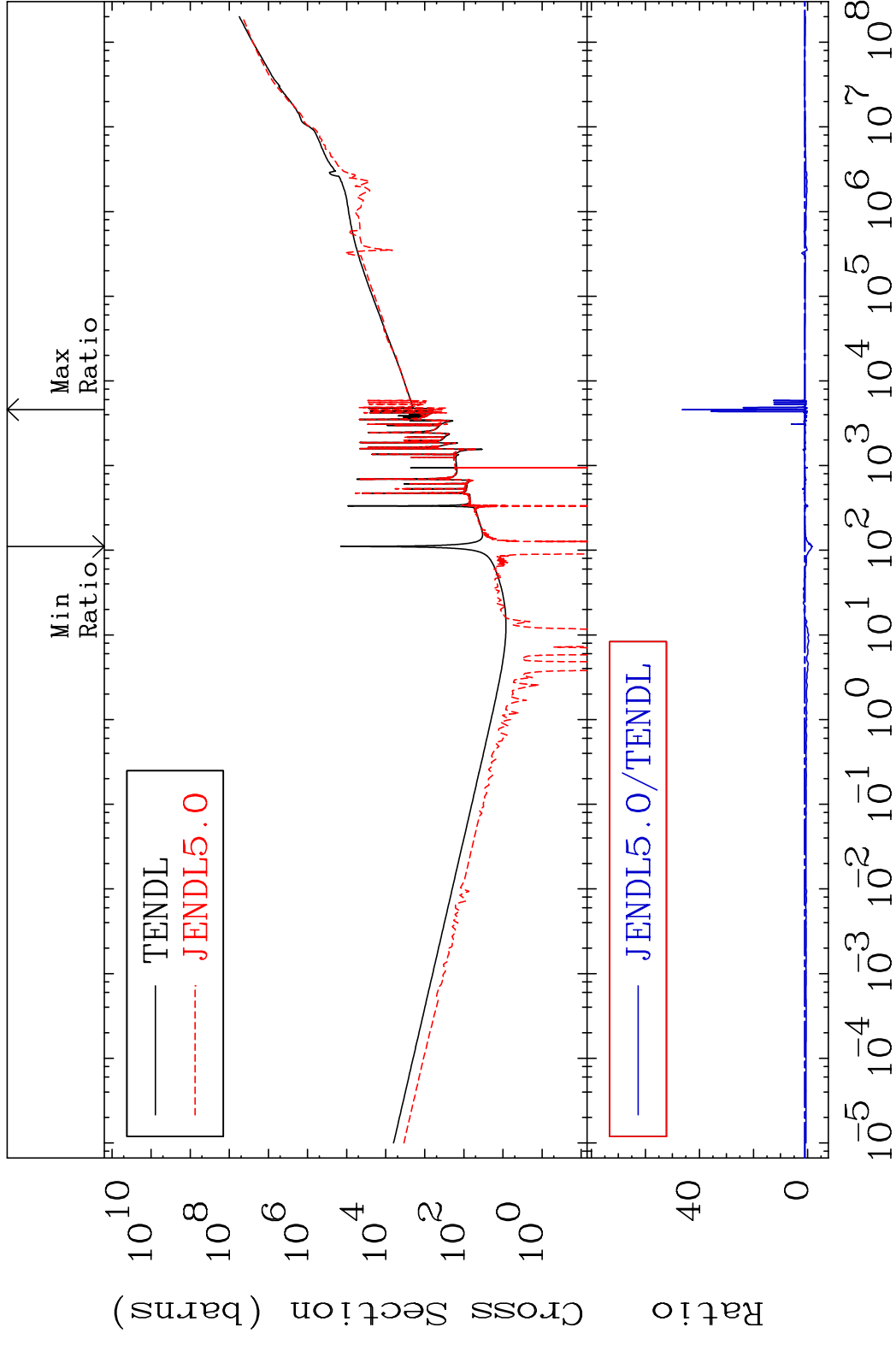


51

Incident Energy (eV)

31-Ga-69

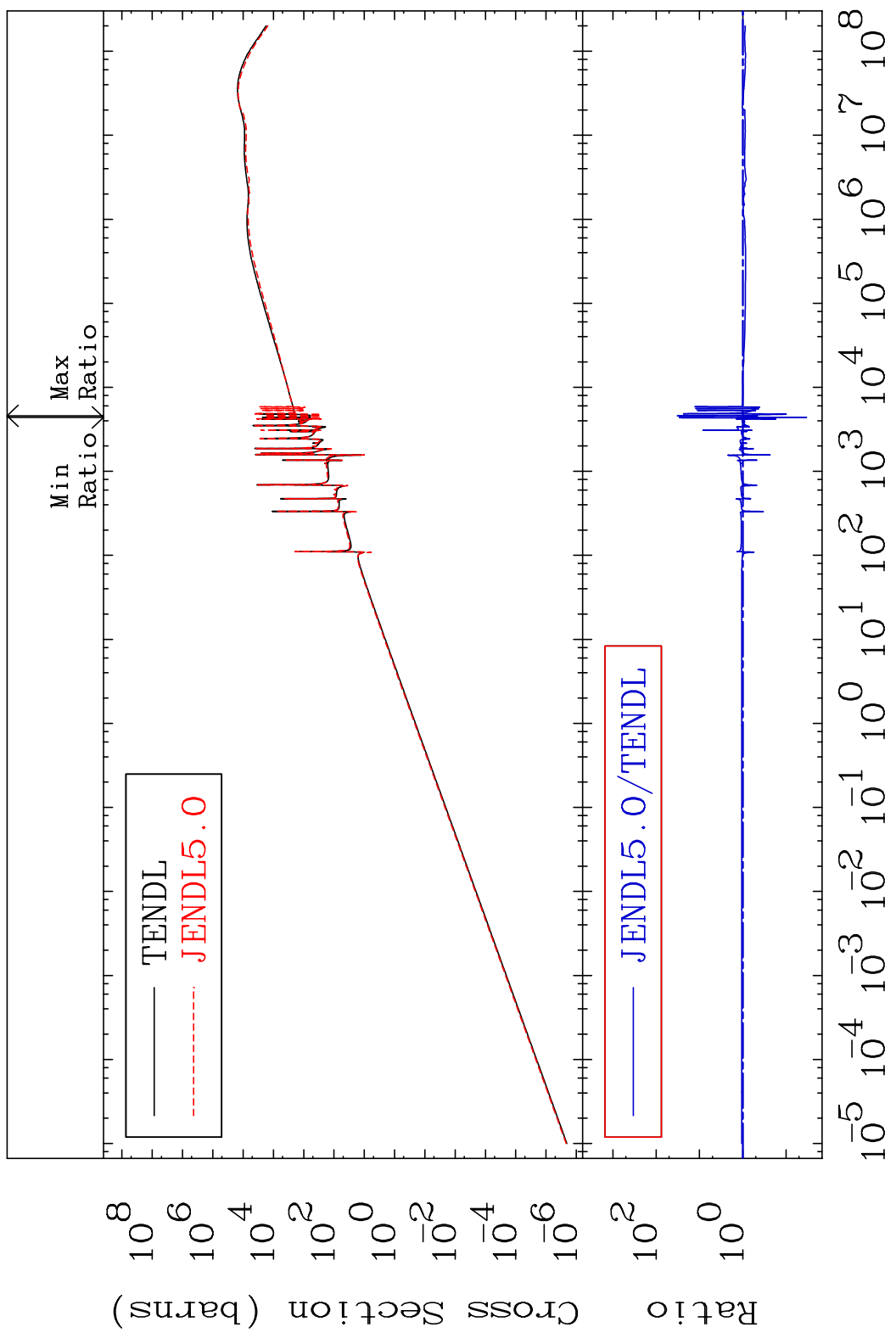
MAT 3125 Kerma total (eV-barns) 31-Ga-69
 Cross Section -285.3 To 4532. %



MAT 3125

Kerma elastic Cross Section -96.61 To 3166. %

31-Ga-69

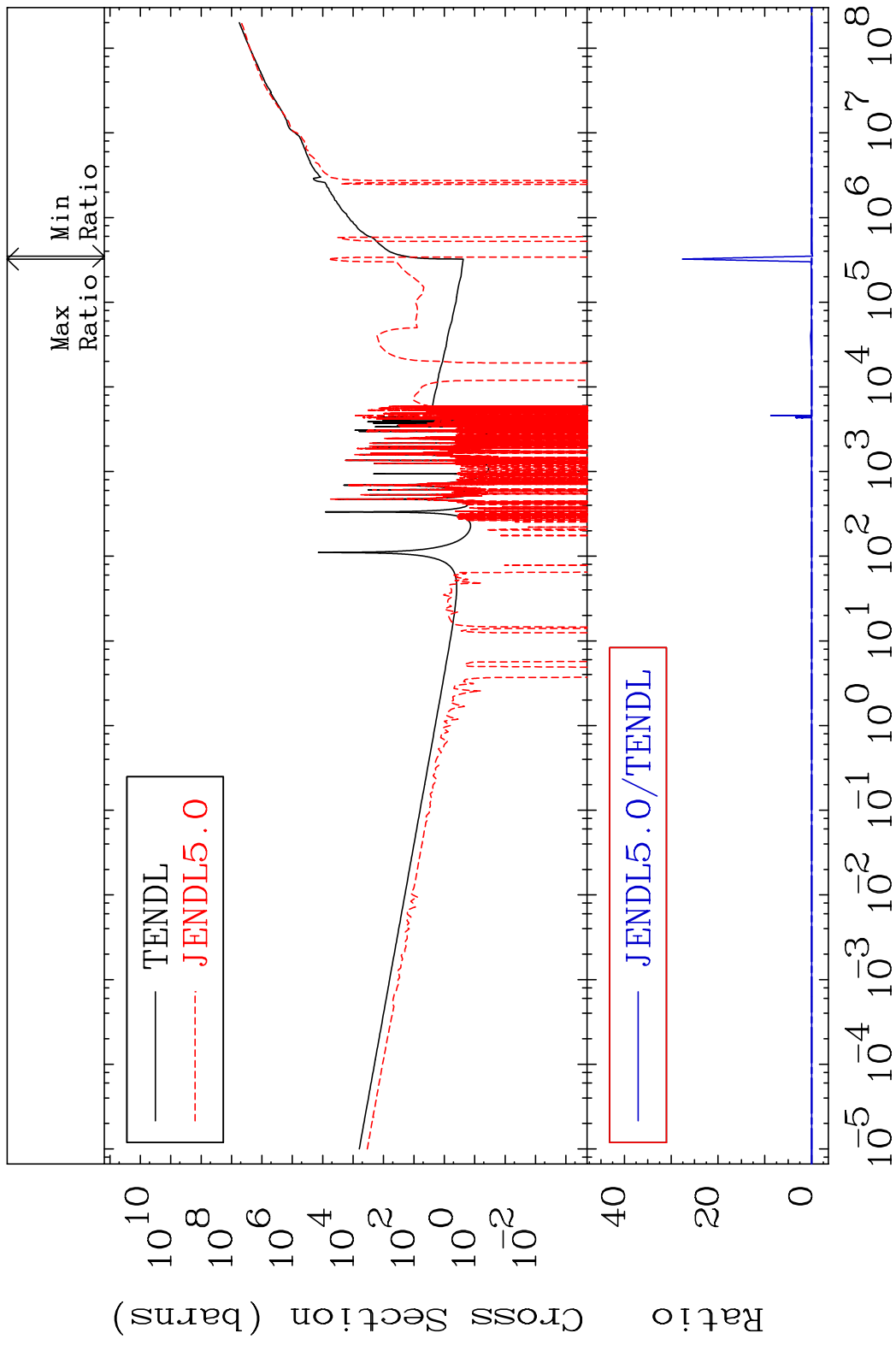


53

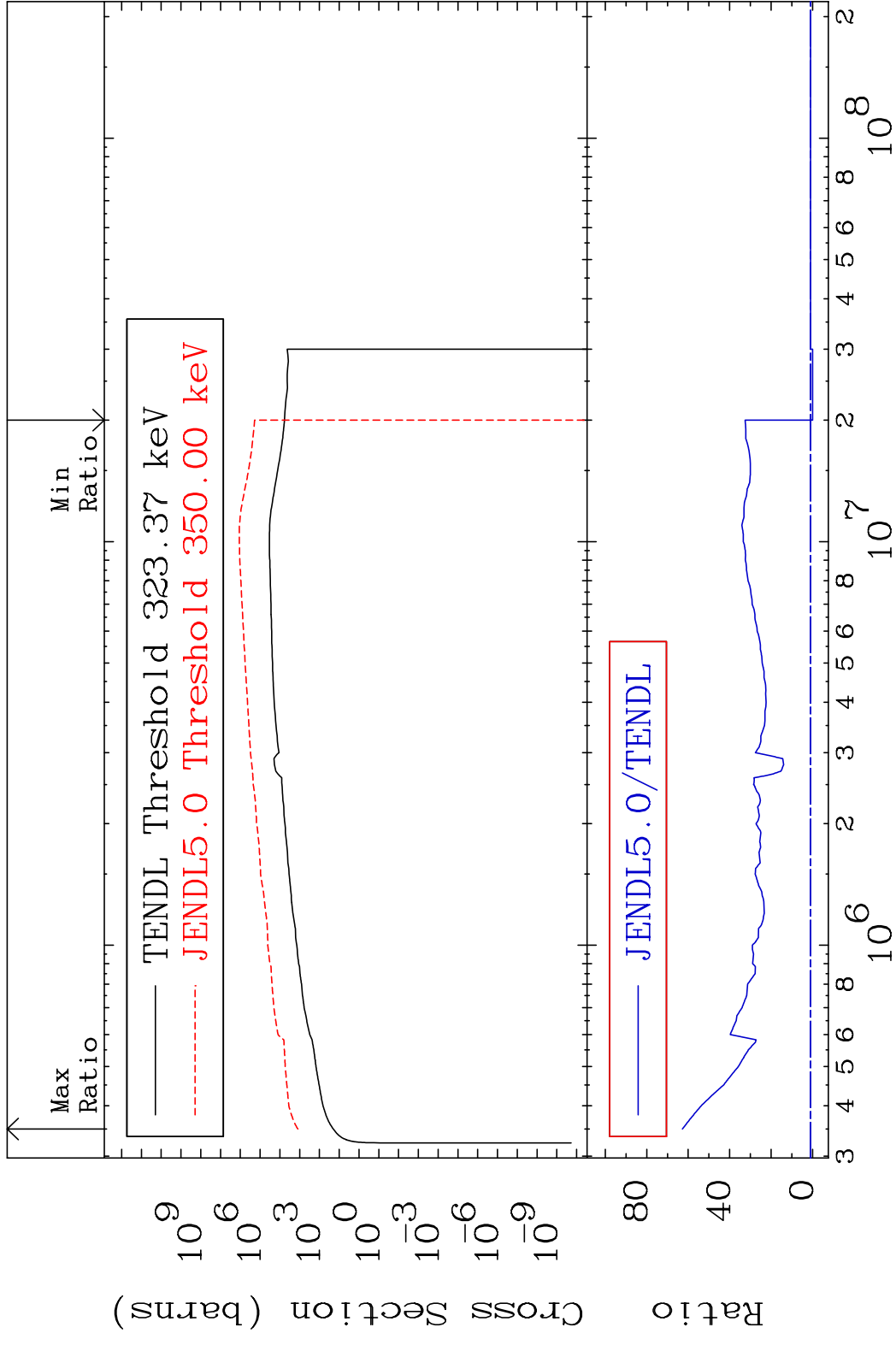
Incident Energy (eV)

31-Ga-69

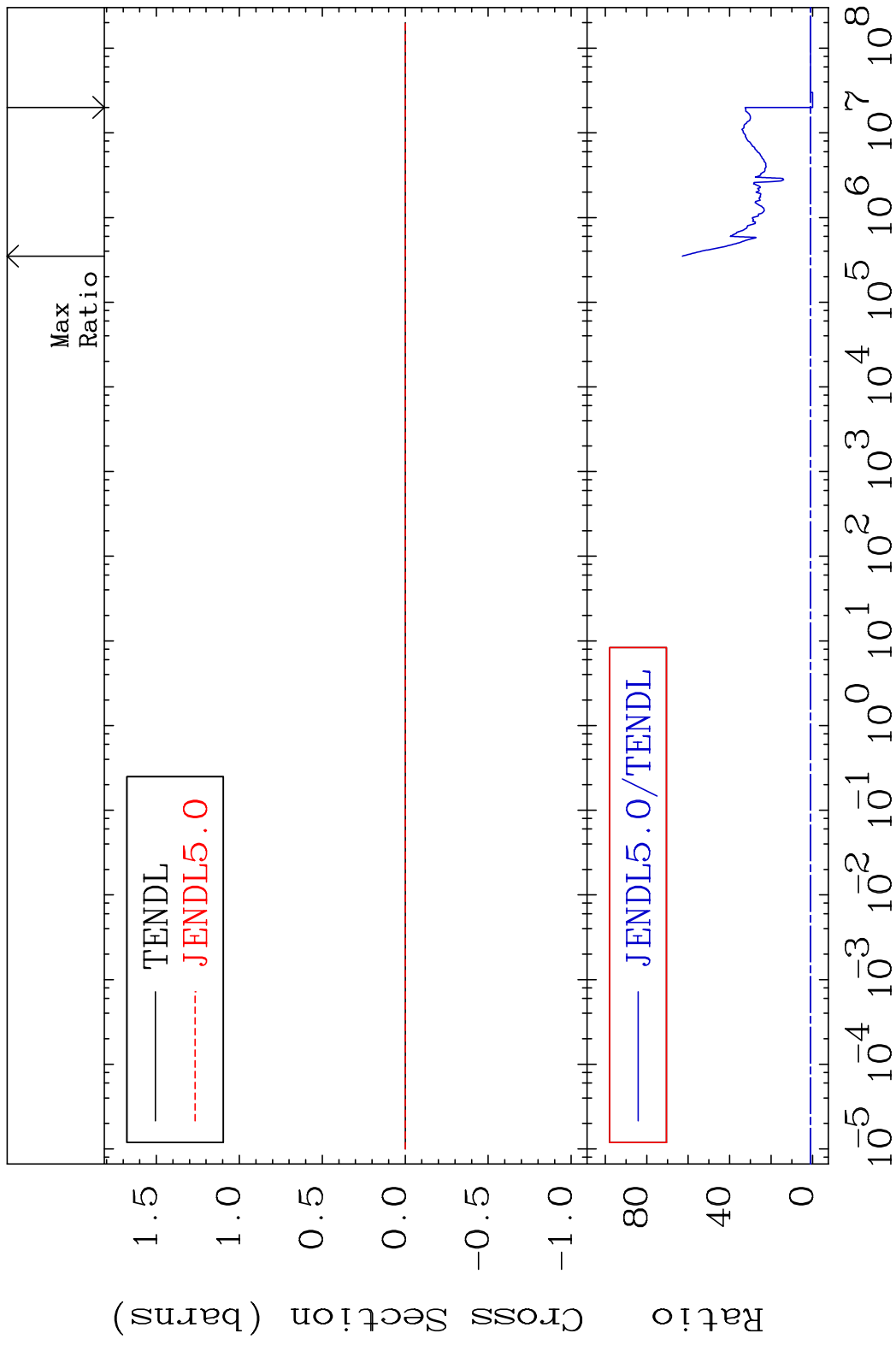
MAT 3125 Kerma non-elastic (all but mt2) 31-Ga-69
 Cross Section -9999. To 9999. %



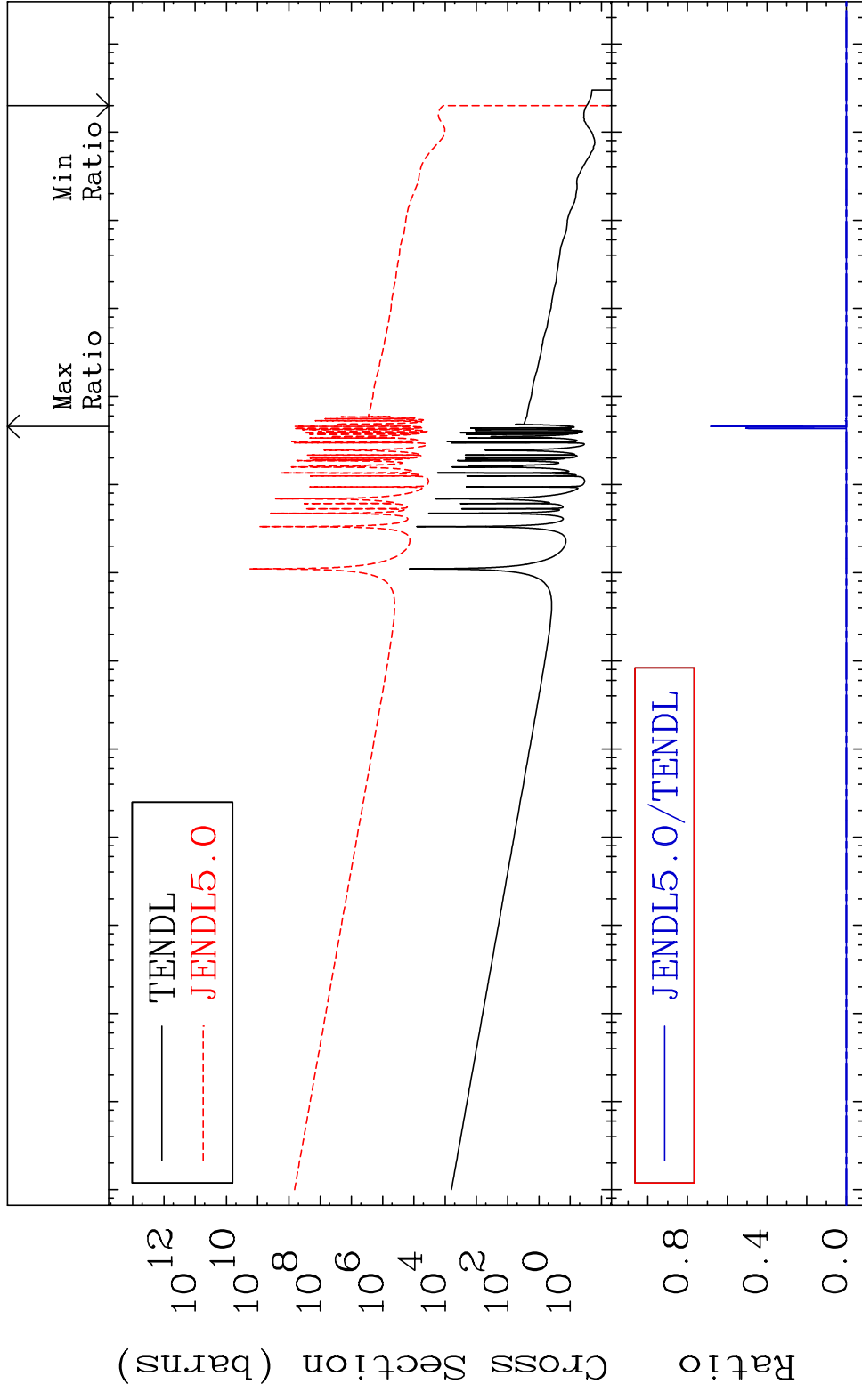
MAT 3125 Kerma inelastic (mt51-91) 31-Ga-69
 Cross Section -100.0 To 6181. %



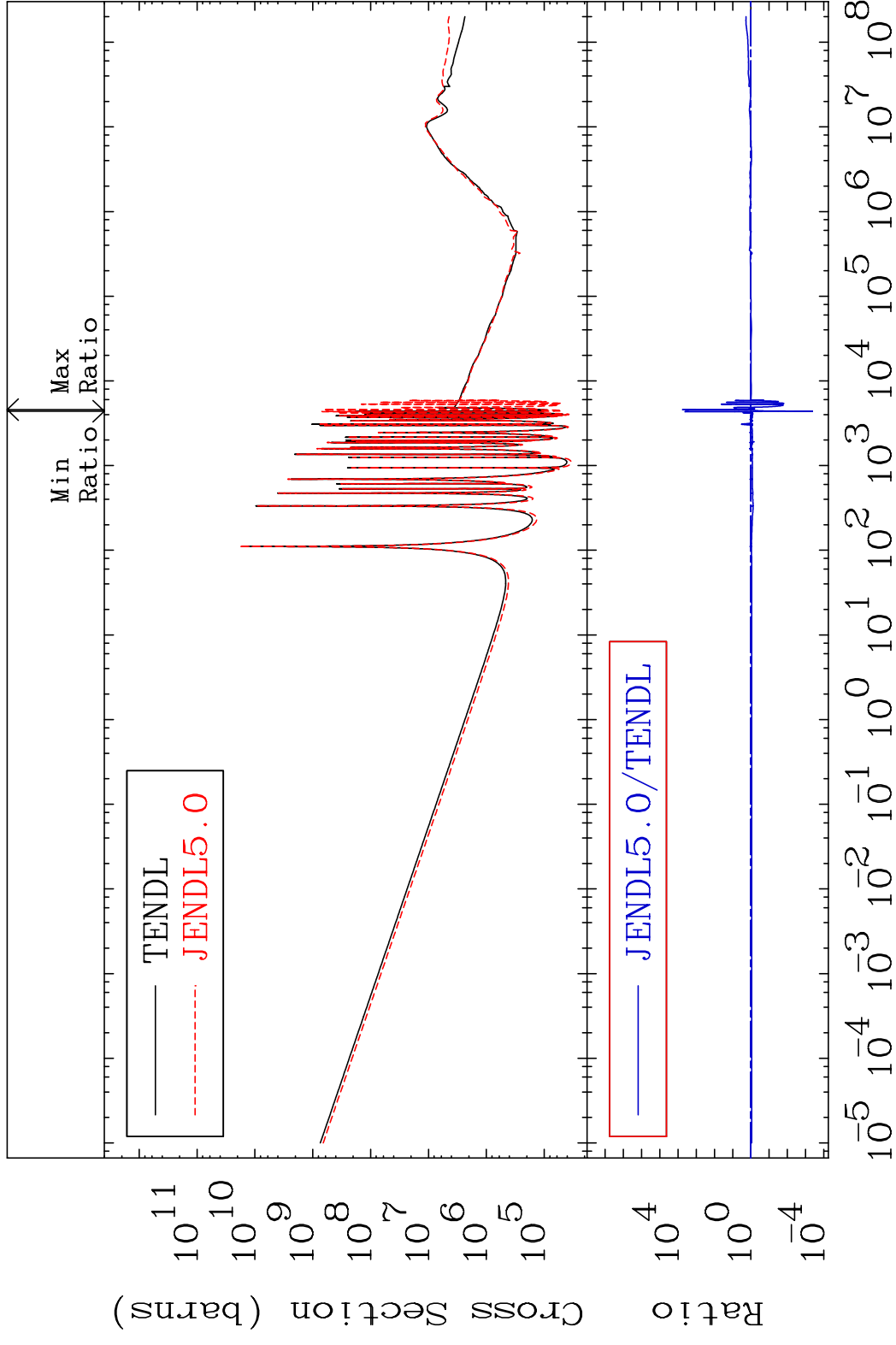
MAT 3125 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-69
 Cross Section -100.0 To 6181. %



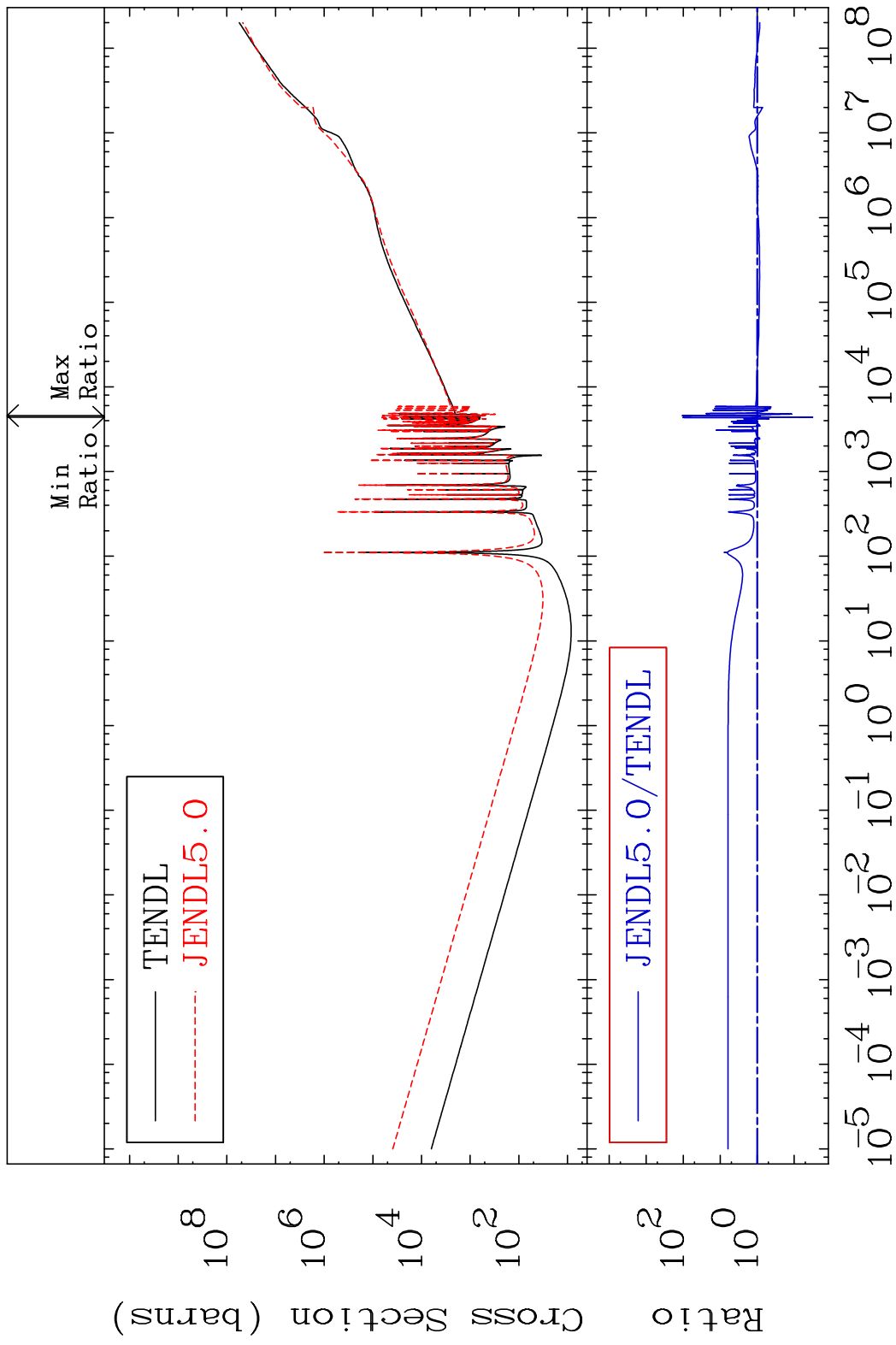
MAT 3125 Kerma capture (mt102) 31-Ga-69
 Cross Section -100.0 To 9999. %



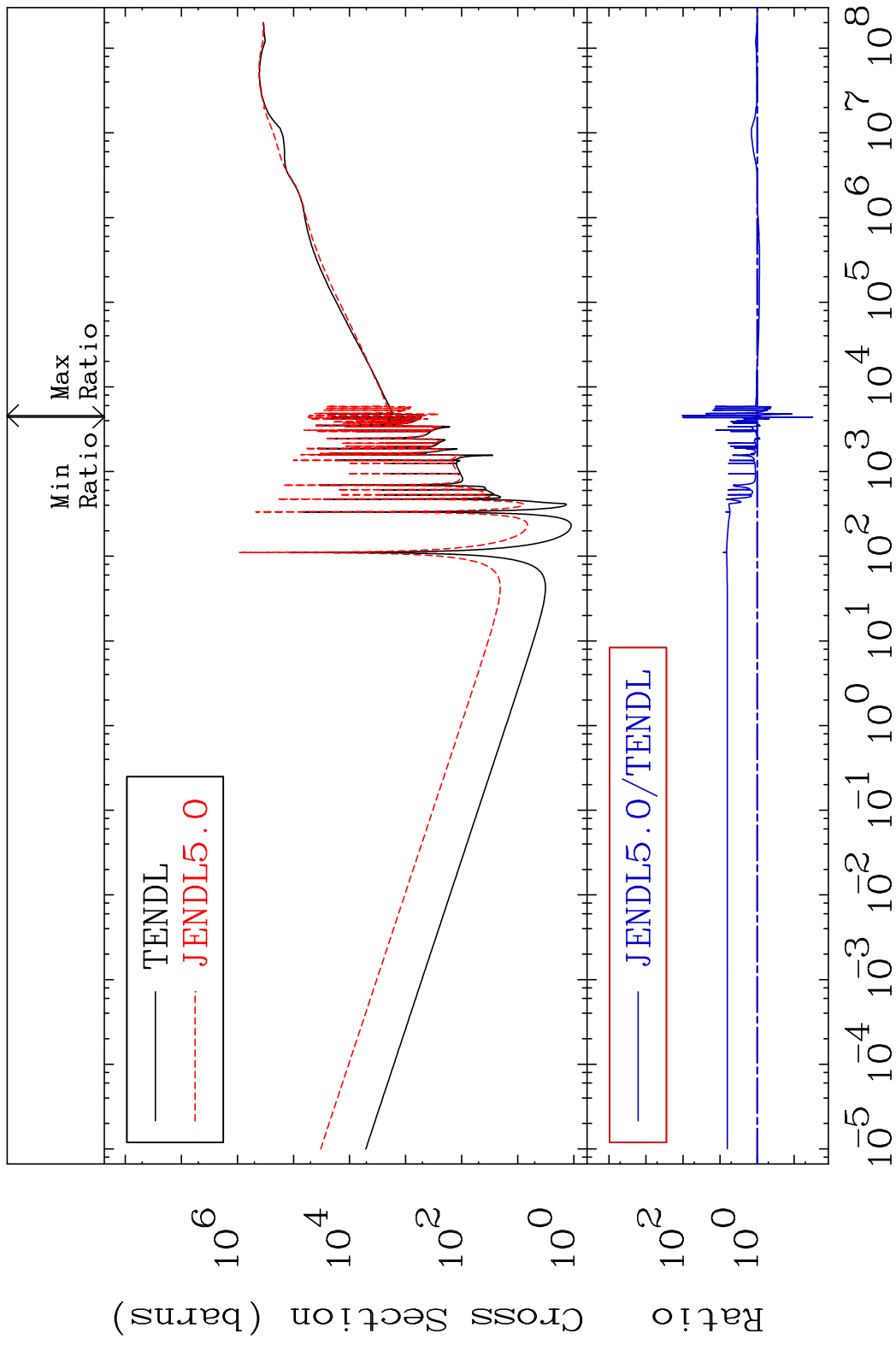
MAT 3125 Total photon (eV-barns) 31-Ga-69
 Cross Section -99.96 To 9999. %



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. %



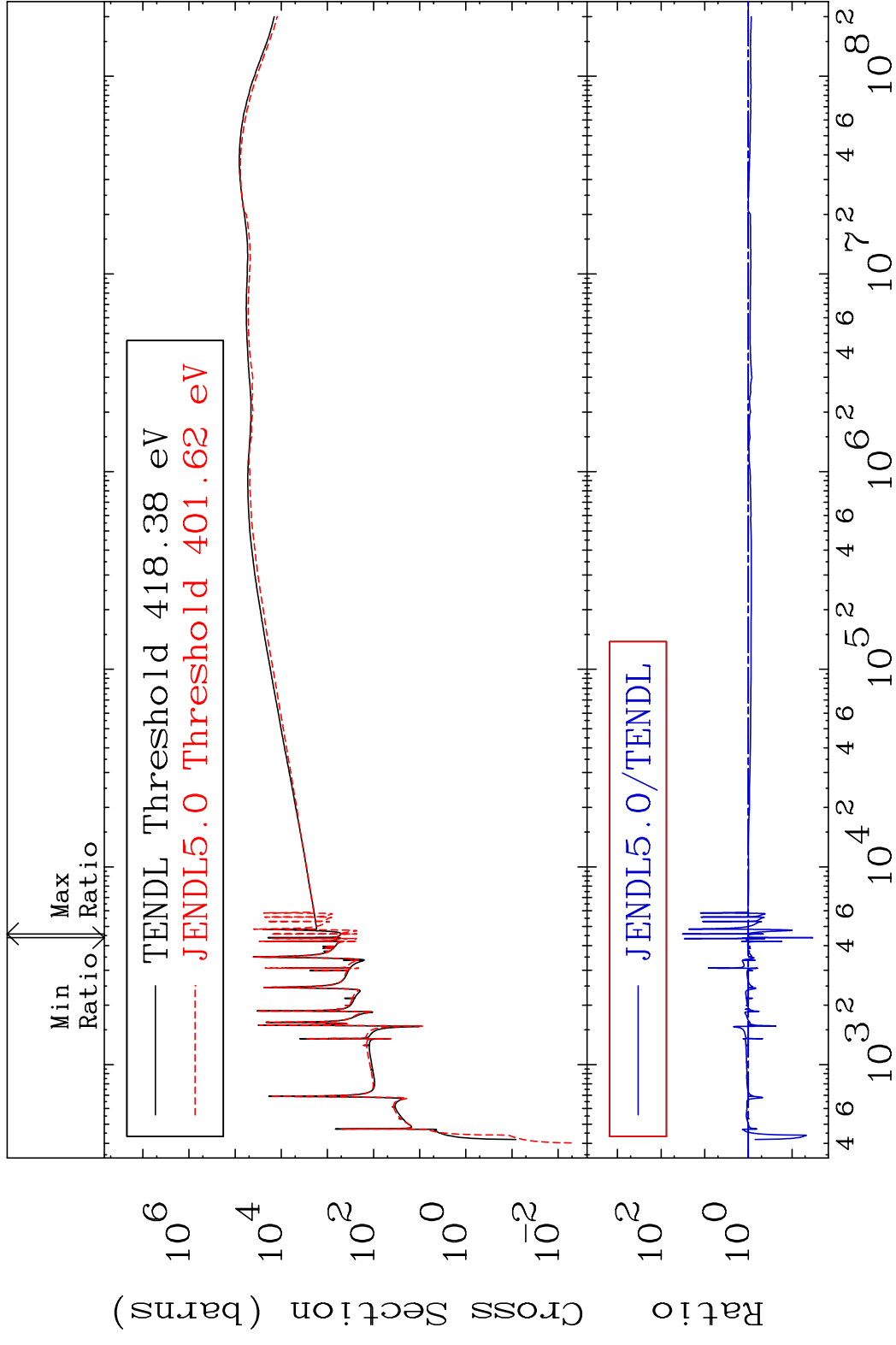
60 Incident Energy (eV) 31-Ga-69

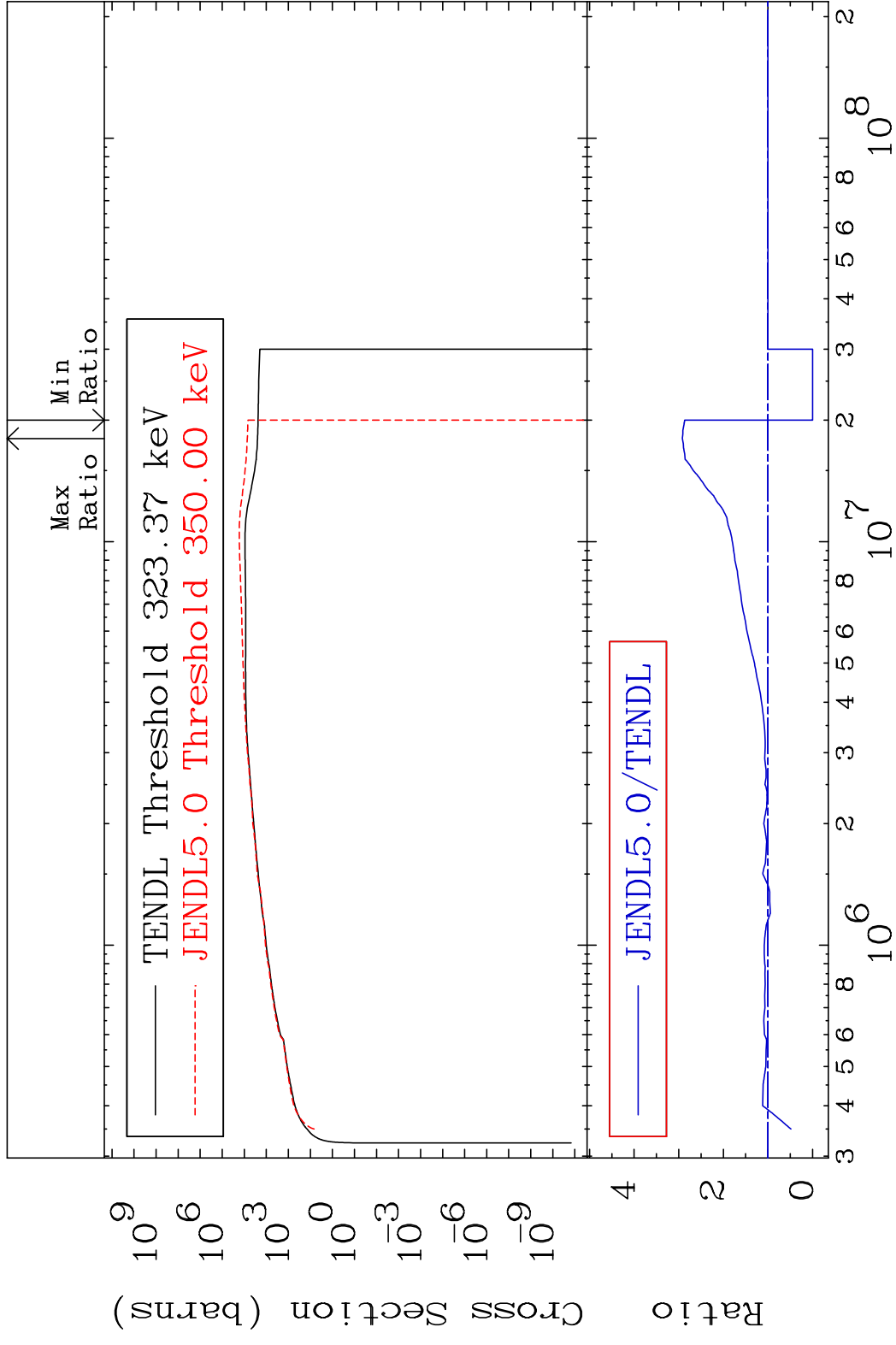
MAT 3125

Dpa elastic (mt2)

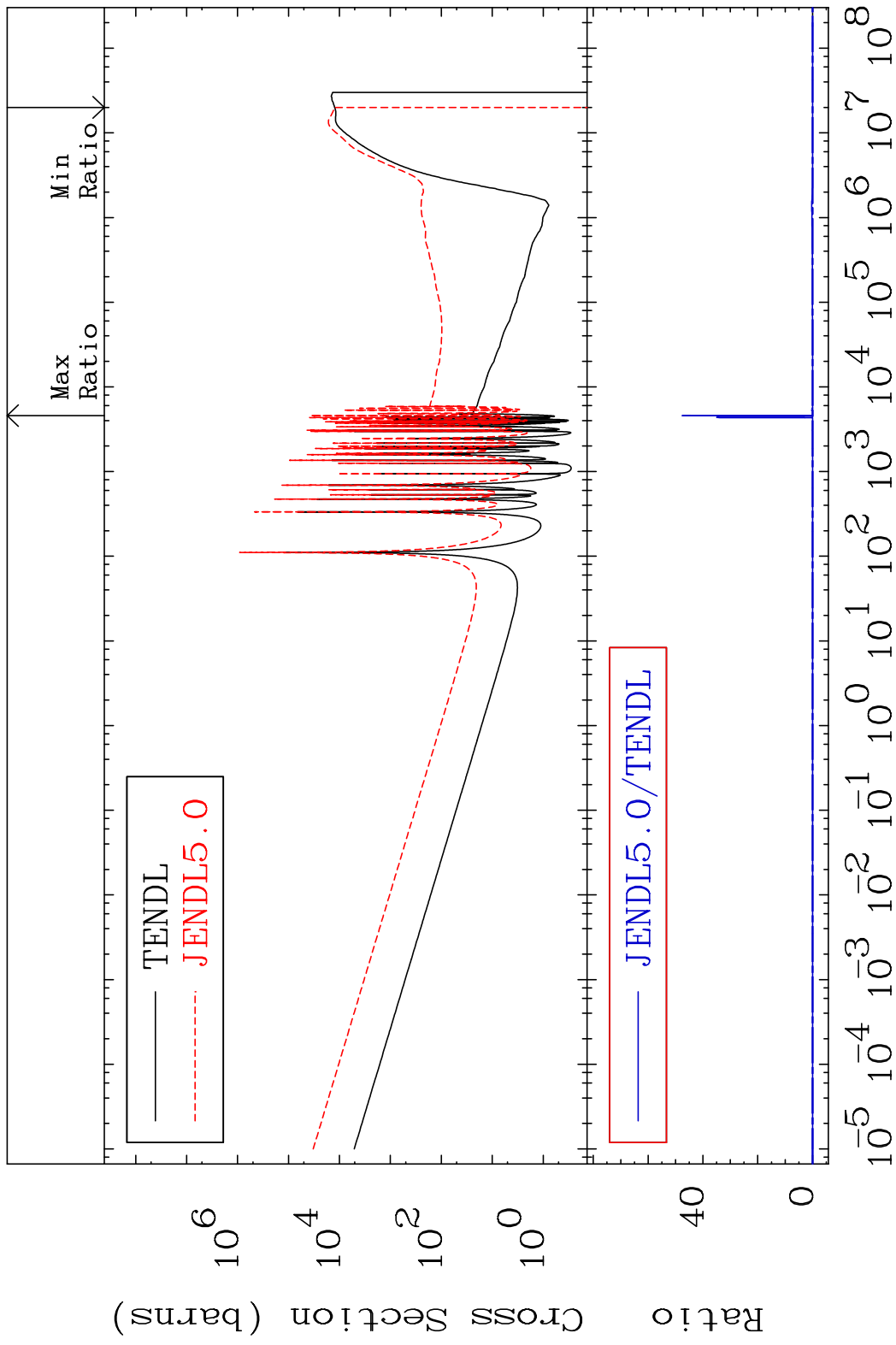
31-Ga-69

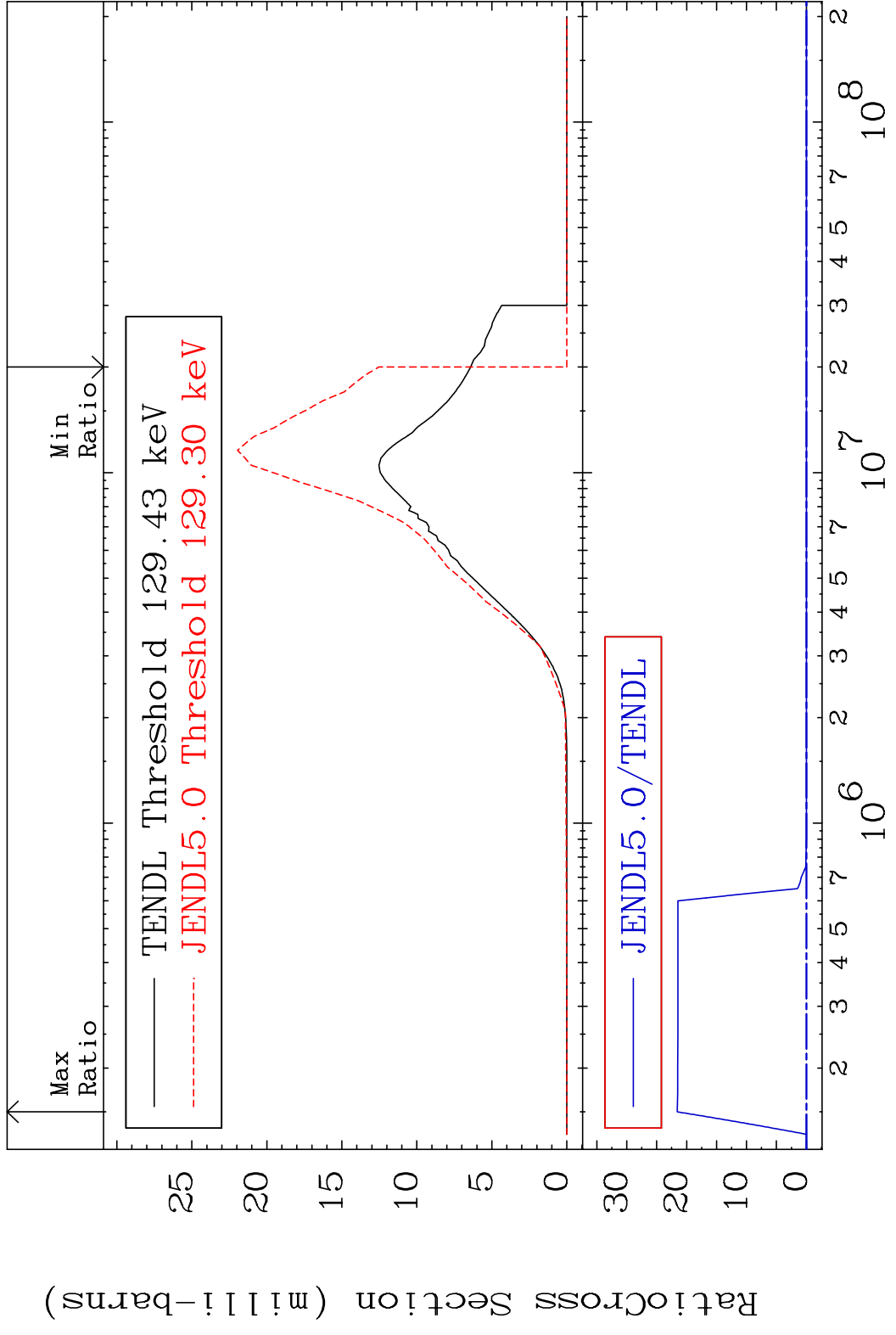
Cross Section -96.61 To 3164. %



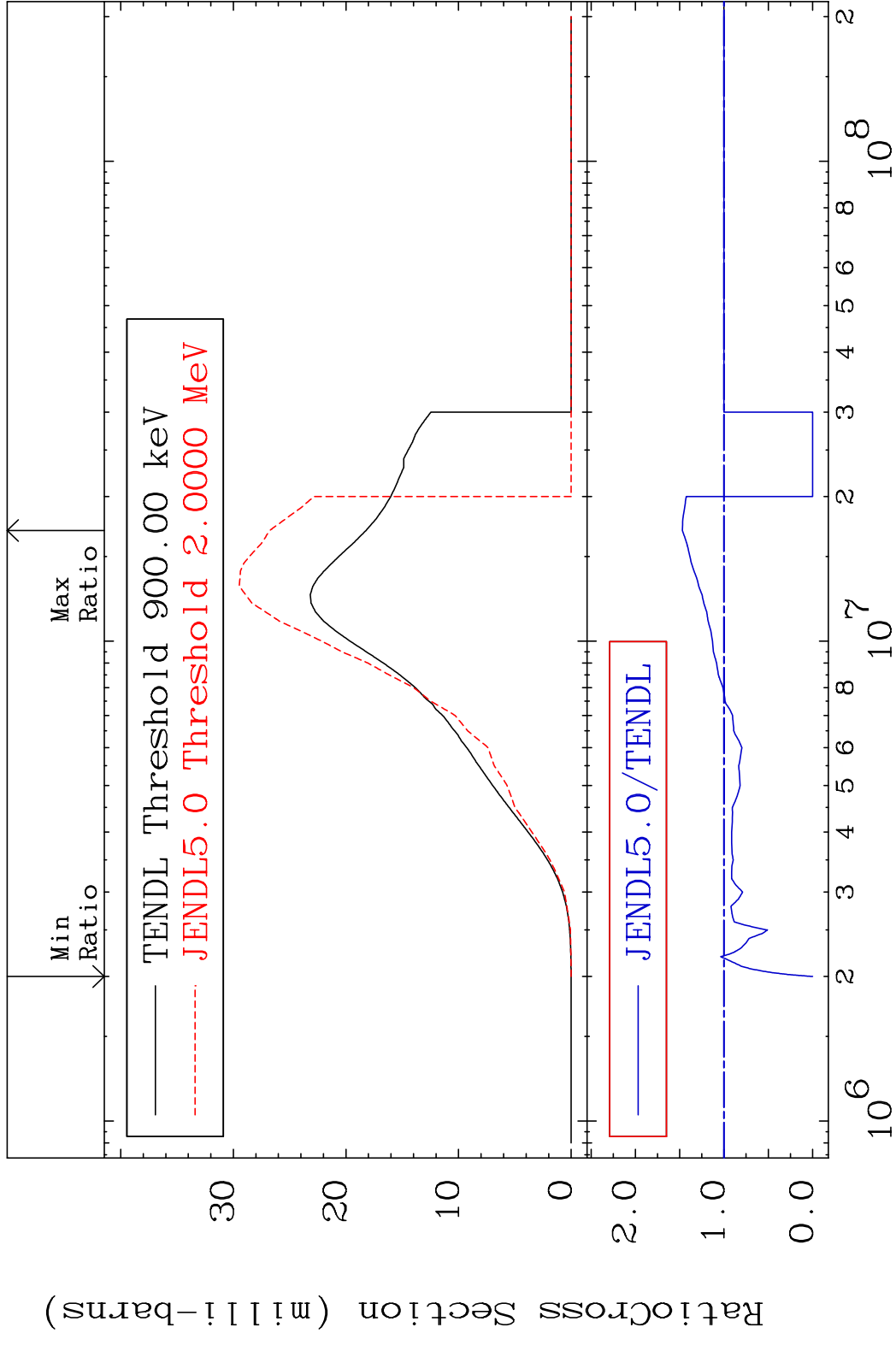


MAT 3125 Dpa disappearance (mt102 -120) 31-Ga-69
 Cross Section -100.0 To 9999. %





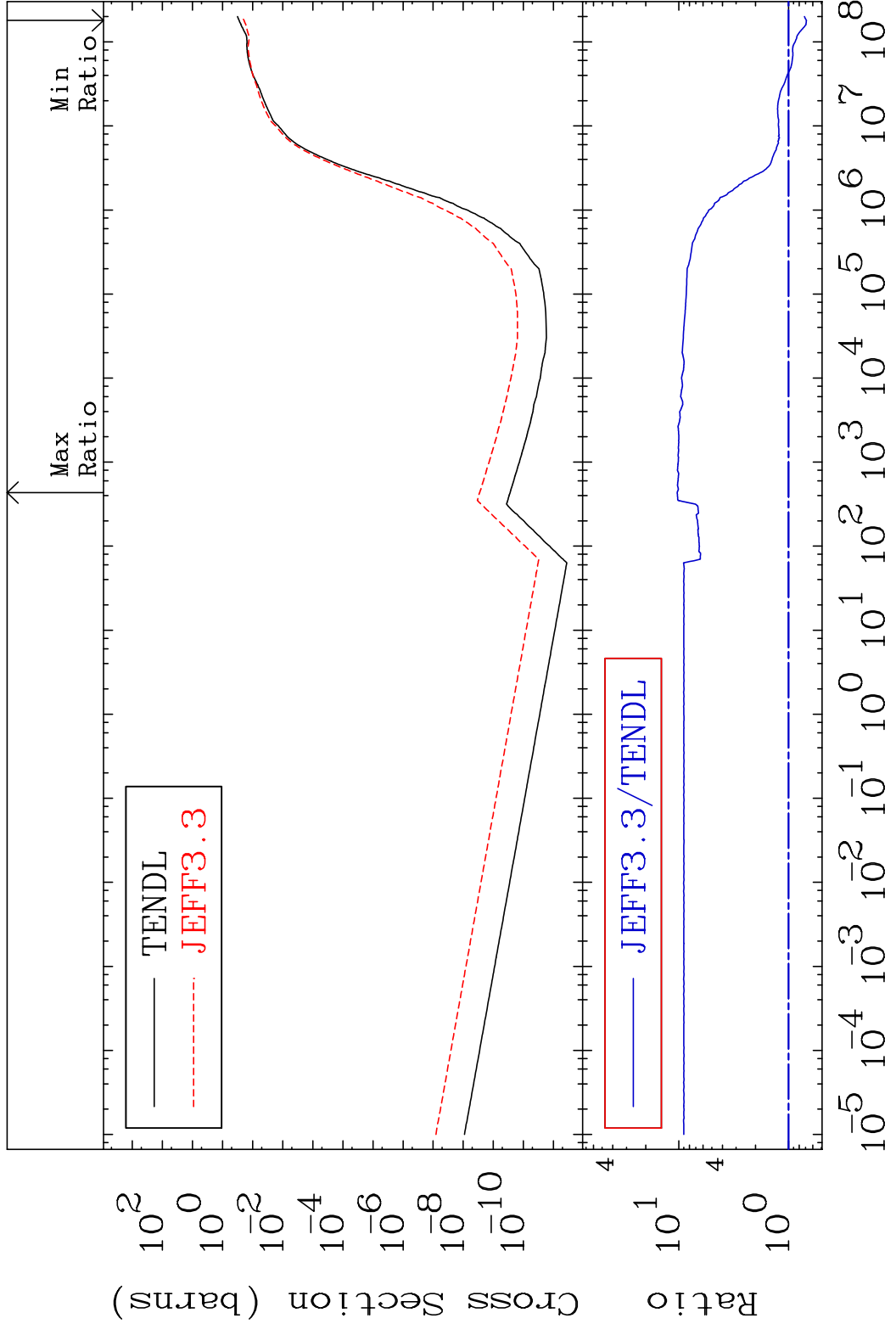
MAT 3125 (n,p):30-Zn-69m1 31-Ga-69
 Radionuclide Production Cross Section 180.01 dth 46.96 %



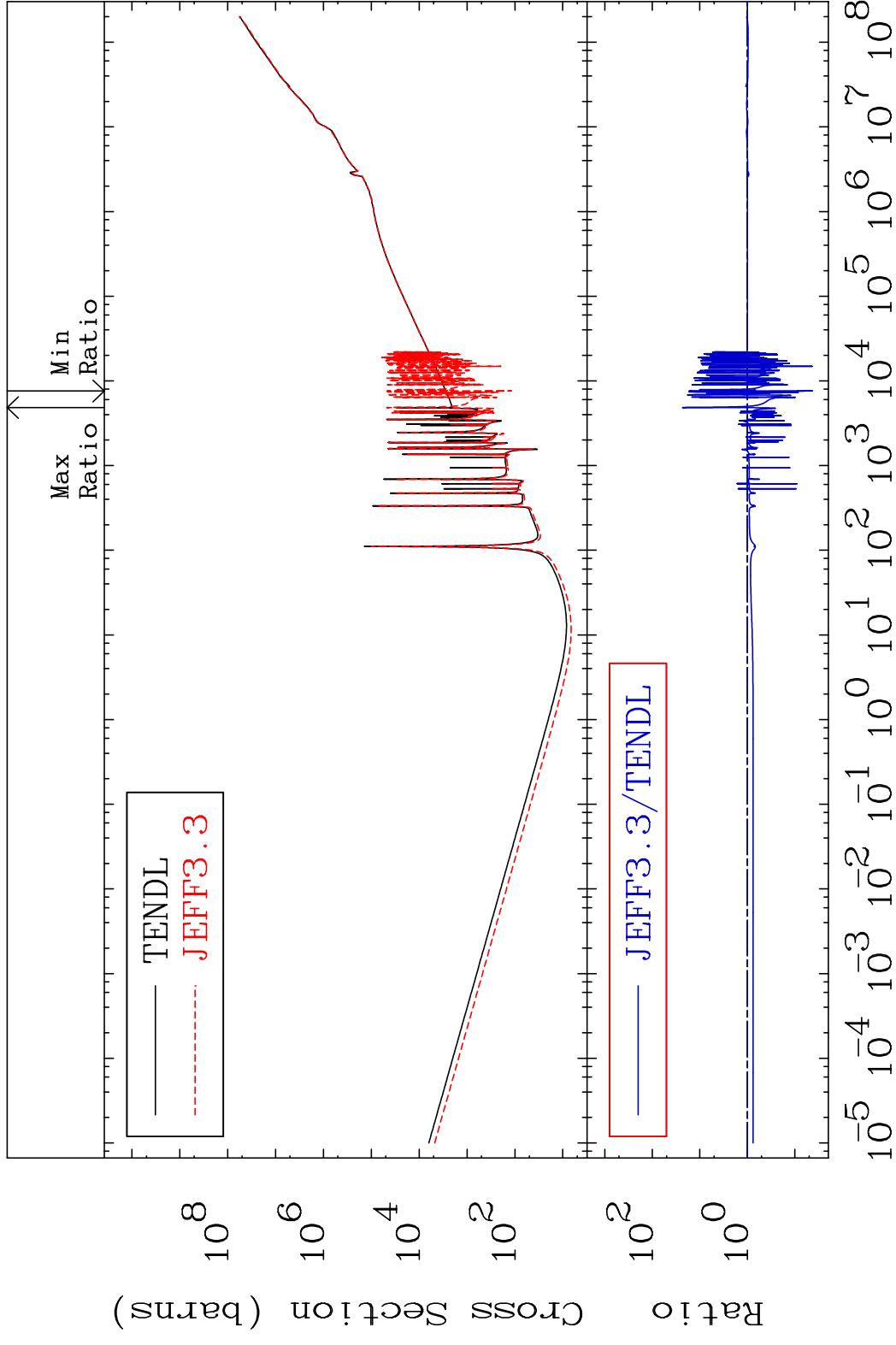
MAT 3125

He-4 Production
Cross Section

31-Ga-69
-31.37 To 933.6 %

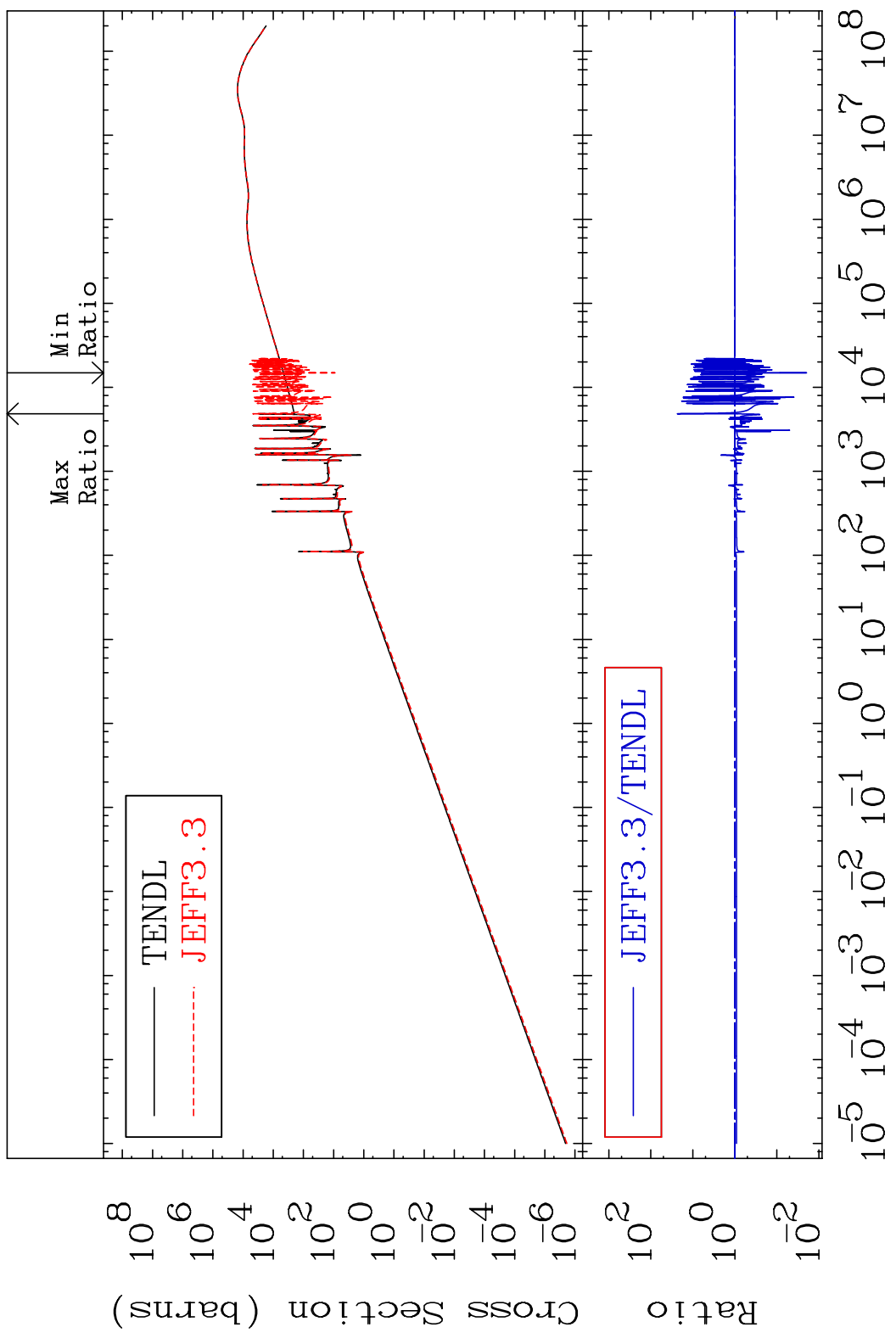


MAT 3125 Kerma total (eV-barns) 31-Ga-69
 Cross Section -95.76 To 2230. %



MAT 3125

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

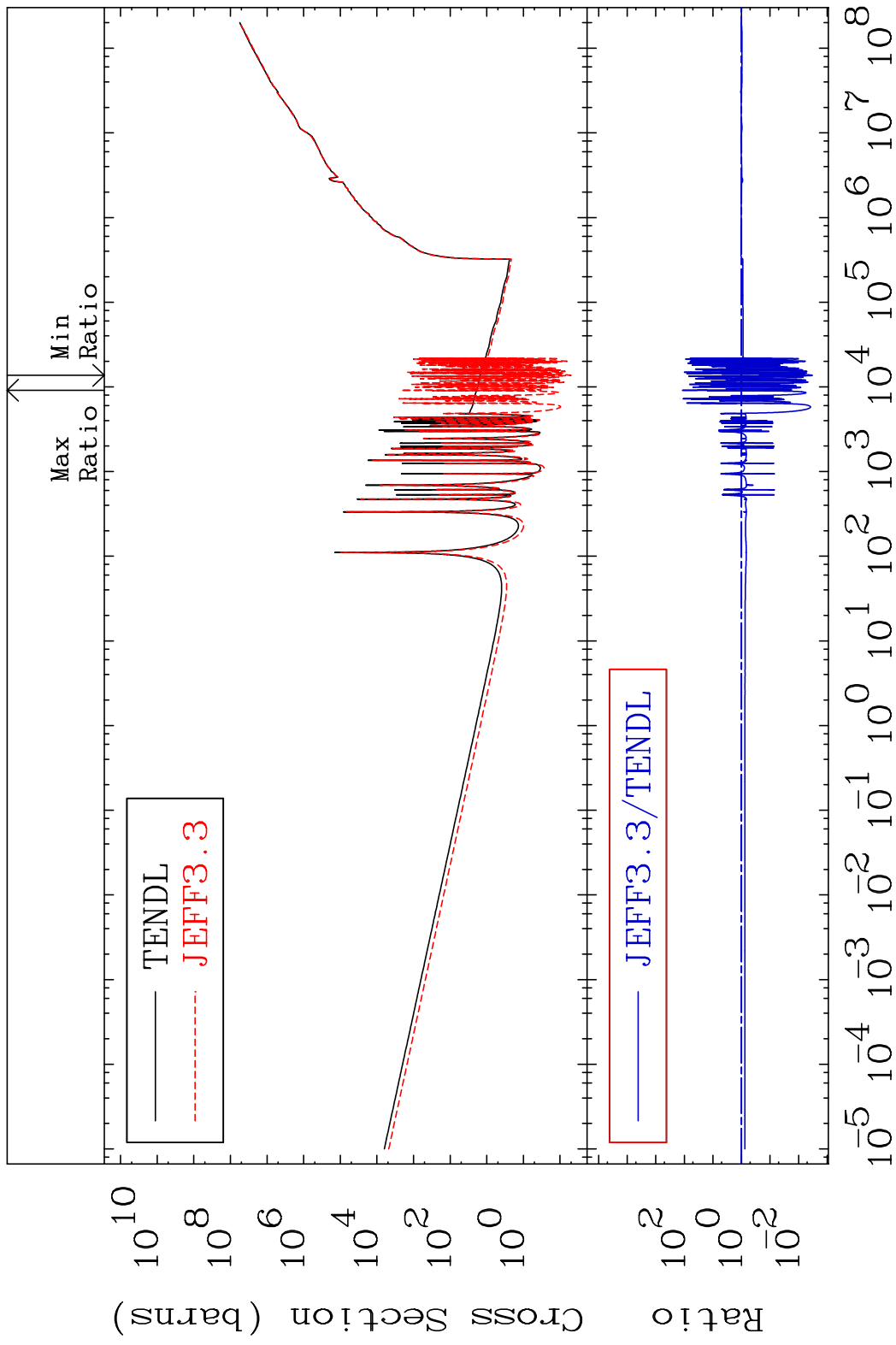


68

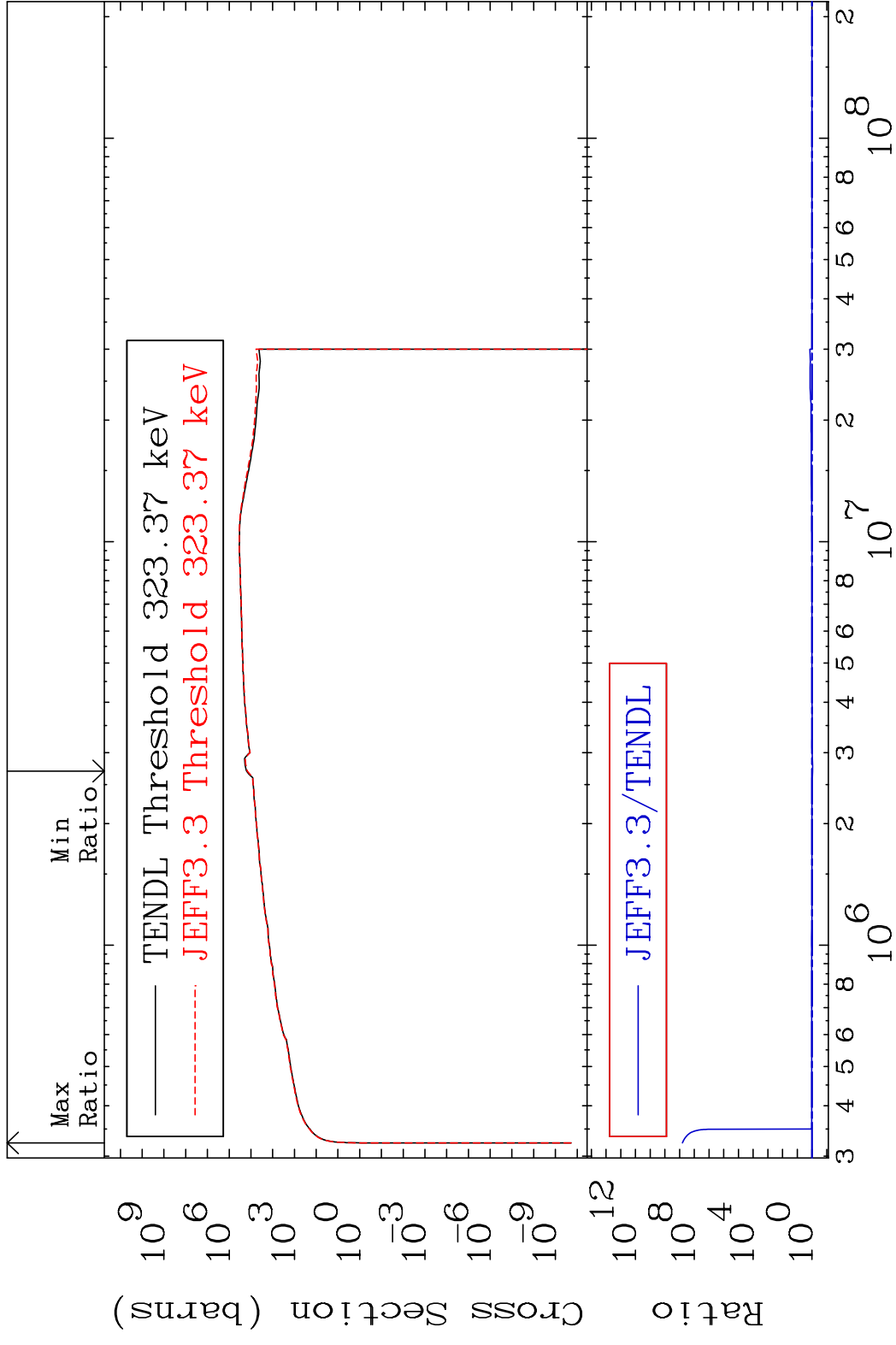
Incident Energy (eV)

31-Ga-69

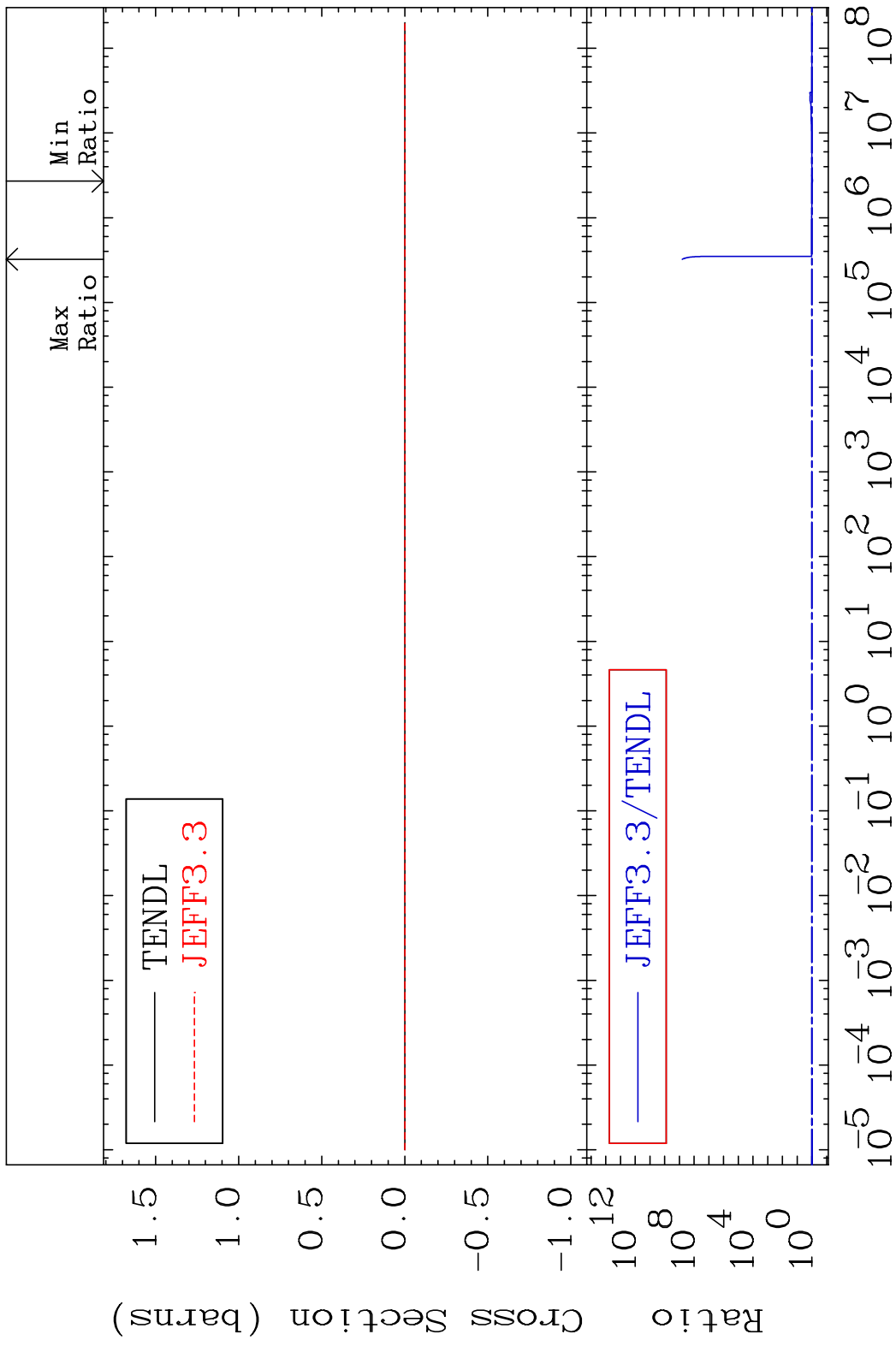
MAT 3125 Kerma non-elastic (all but mt2) 31-Ga-69
 Cross Section -99.68 To 9999. %



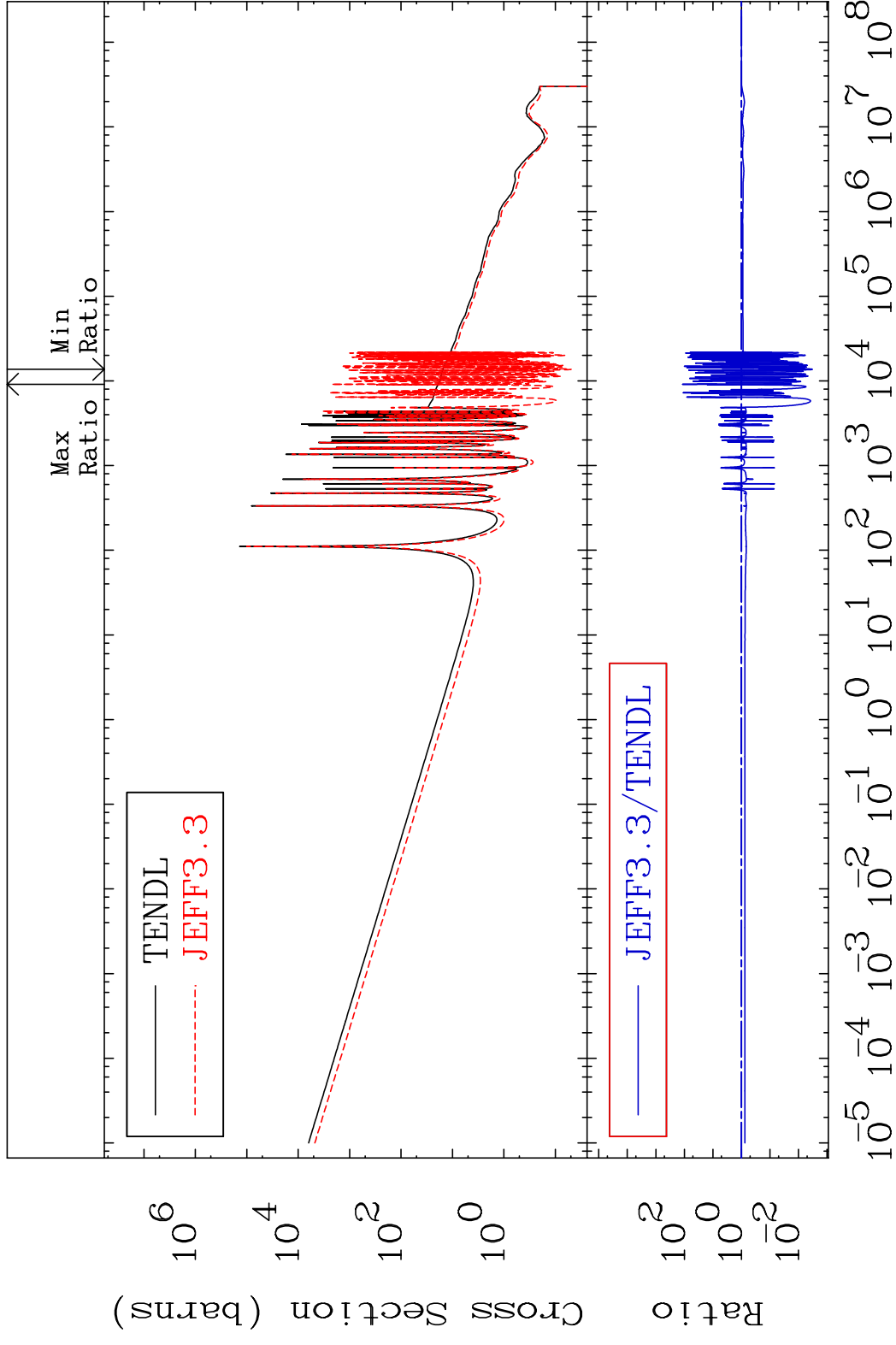
MAT 3125 Kerma inelastic (mt51-91) 31-Ga-69
 Cross Section -8.940 To 9999. %



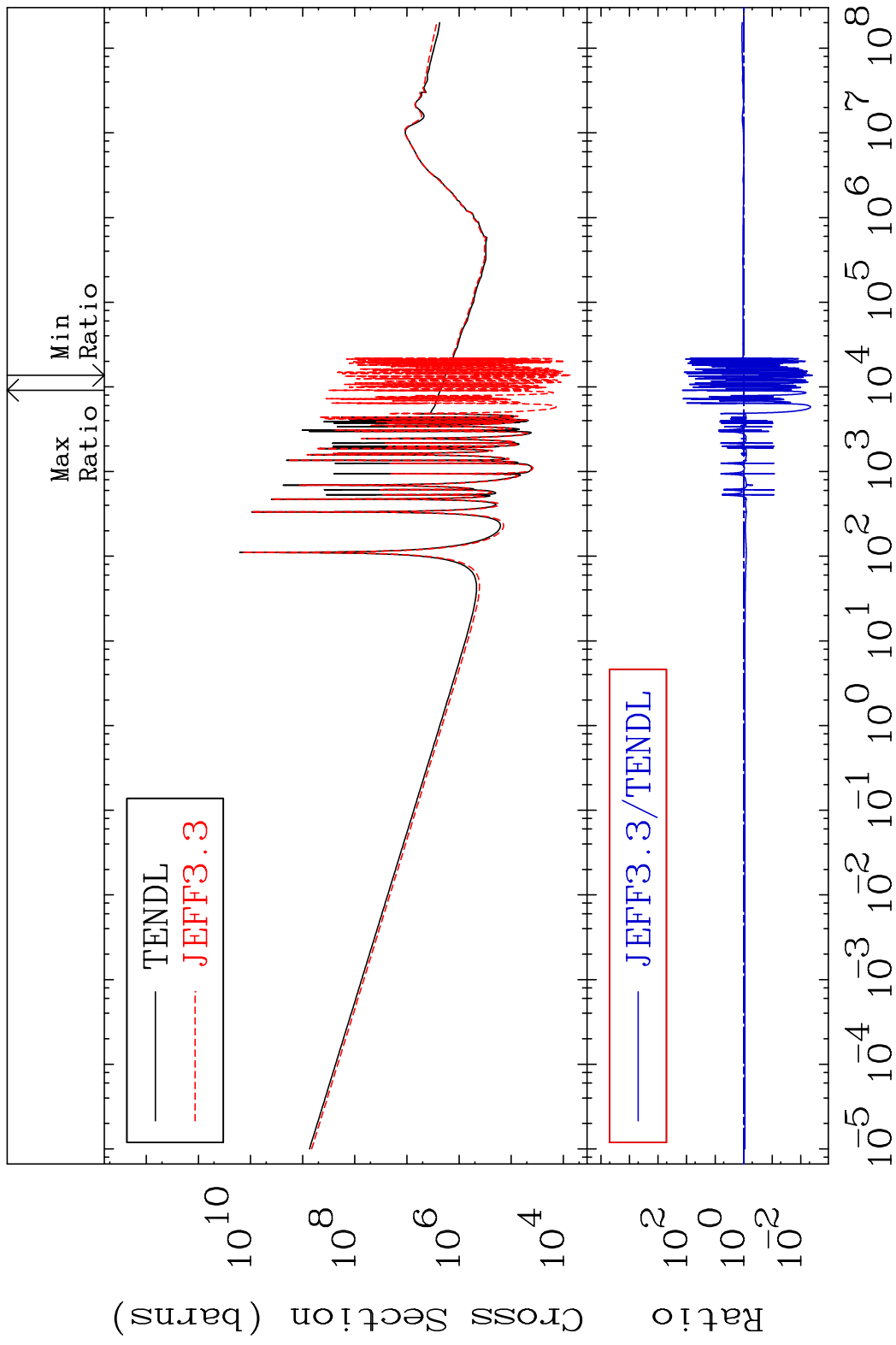
MAT 3125 Kerma fission (mt18 or mt19-20-21-38) 31-Ga-69
 Cross Section -8.940 To 9999. %



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

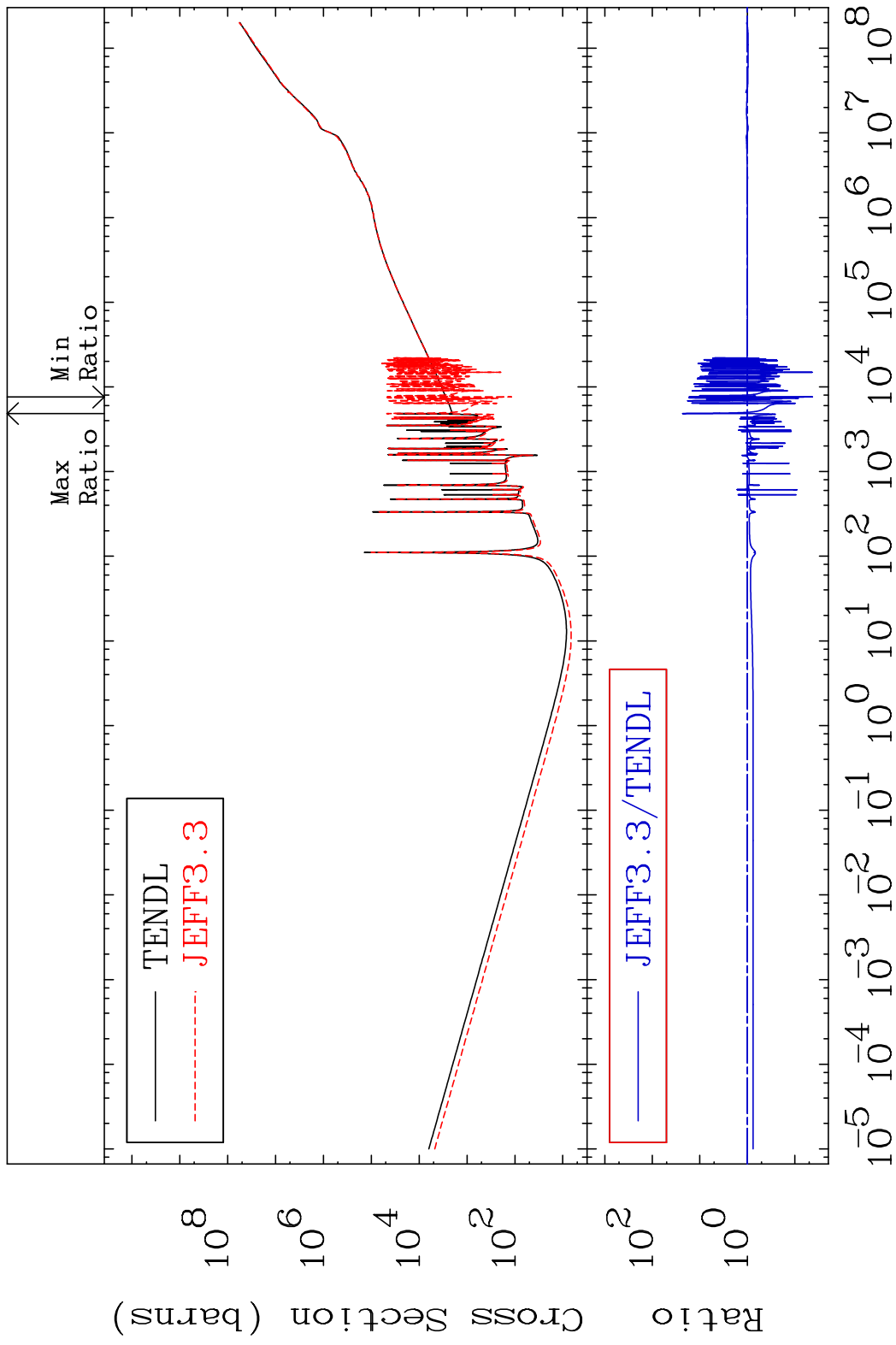


MAT 3125 Total photon (eV-barns) 31-Ga-69
 Cross Section -99.61 To 9999. %



73 Incident Energy (eV) 31-Ga-69

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

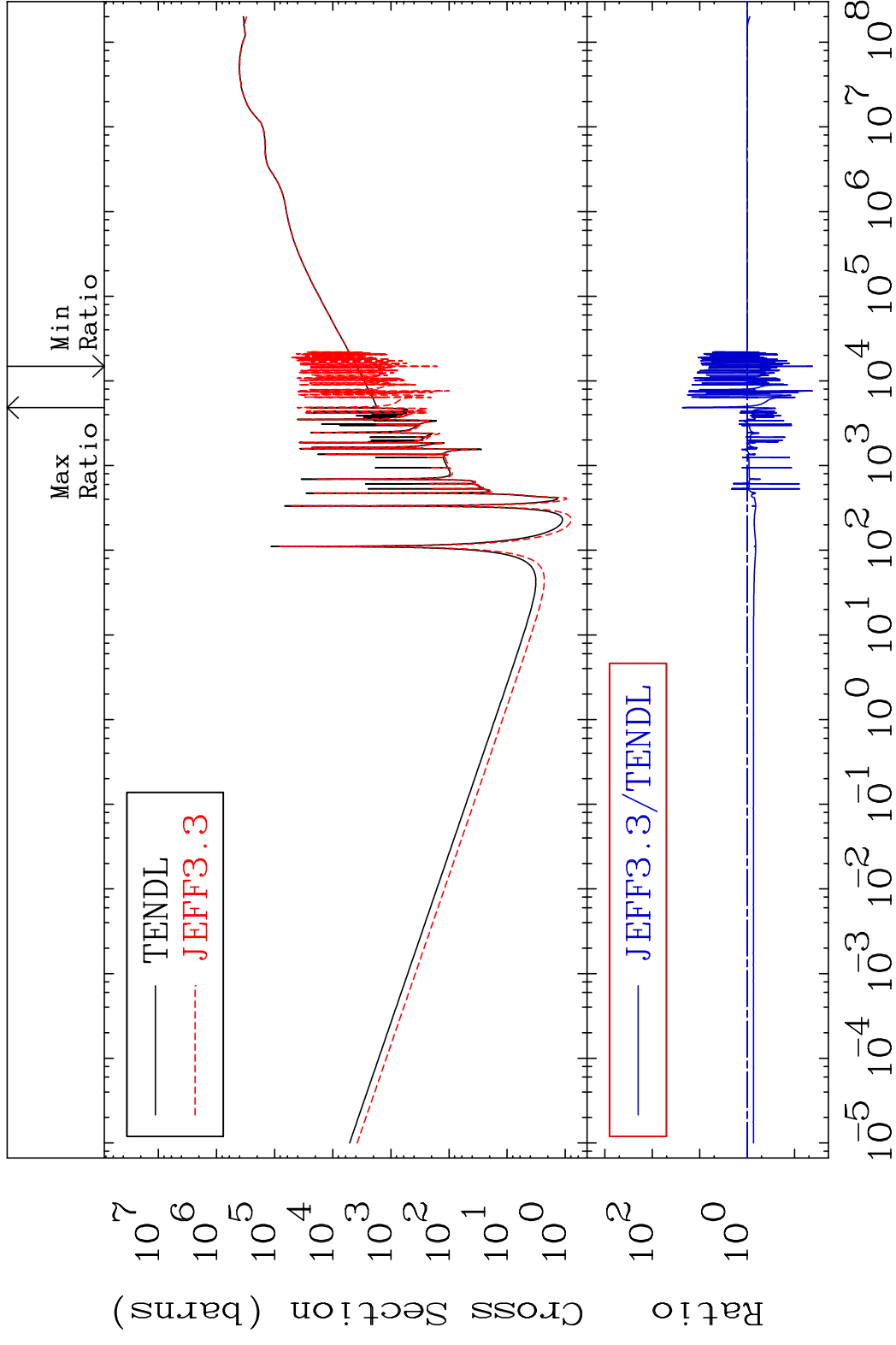


MAT 3125

Dpa total (eV-barns)

31-Ga-69

Cross Section -95.80 To 2231. %



75

Incident Energy (eV)

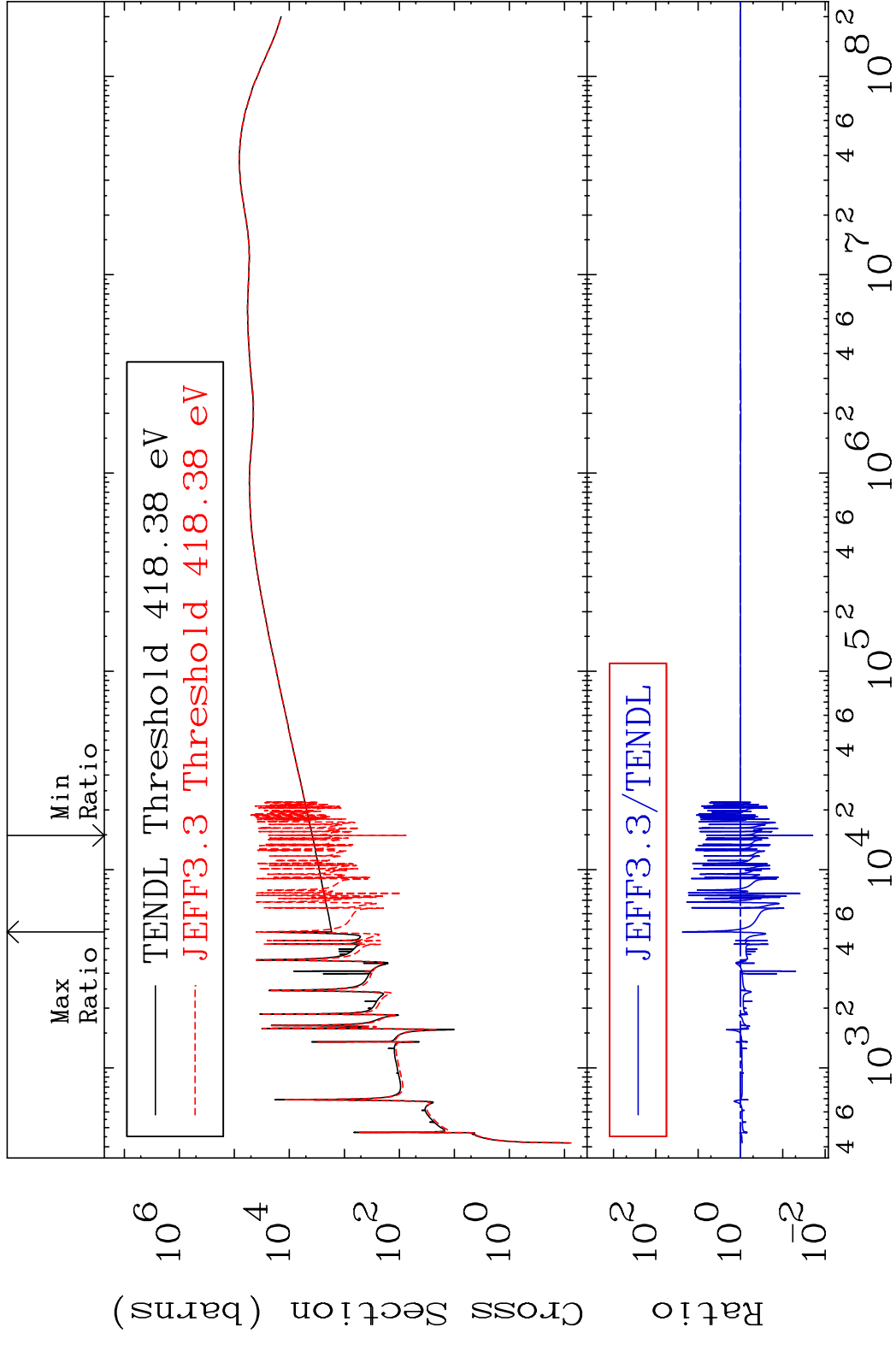
31-Ga-69

MAT 3125

Dpa elastic (mt2)

31-Ga-69

Cross Section -98.02 To 2257. %

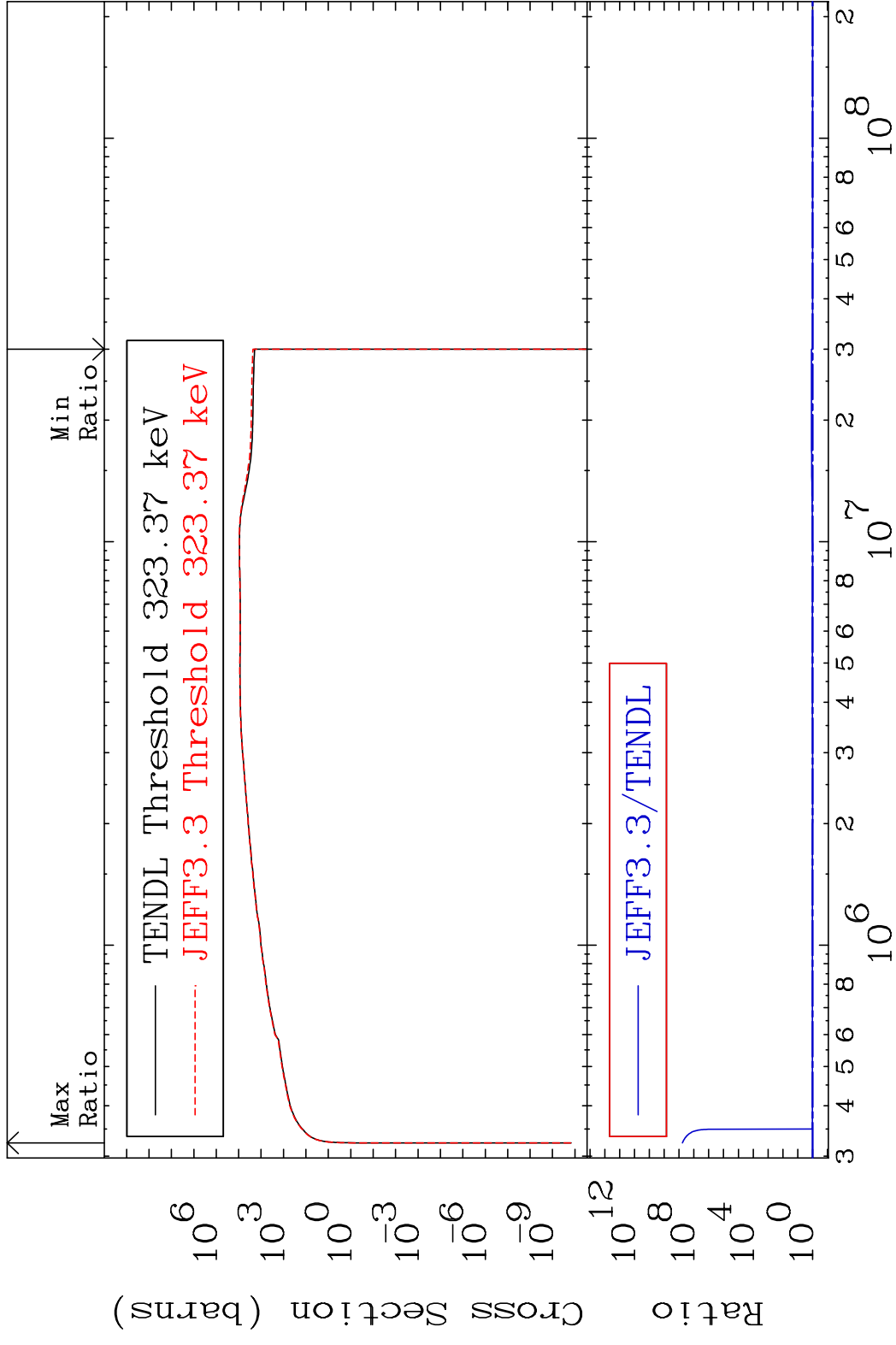


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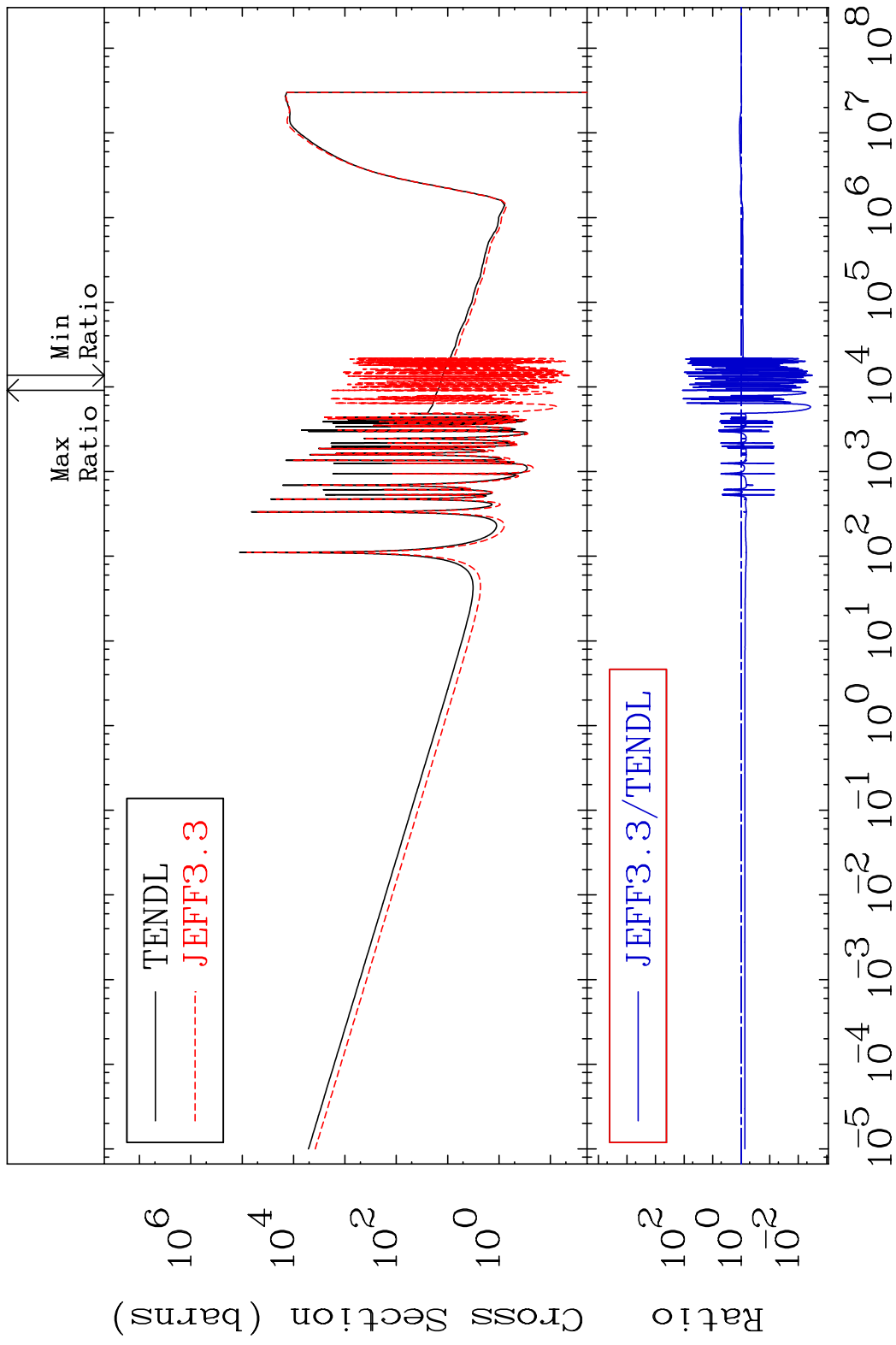
Incident Energy (eV)

31-Ga-69

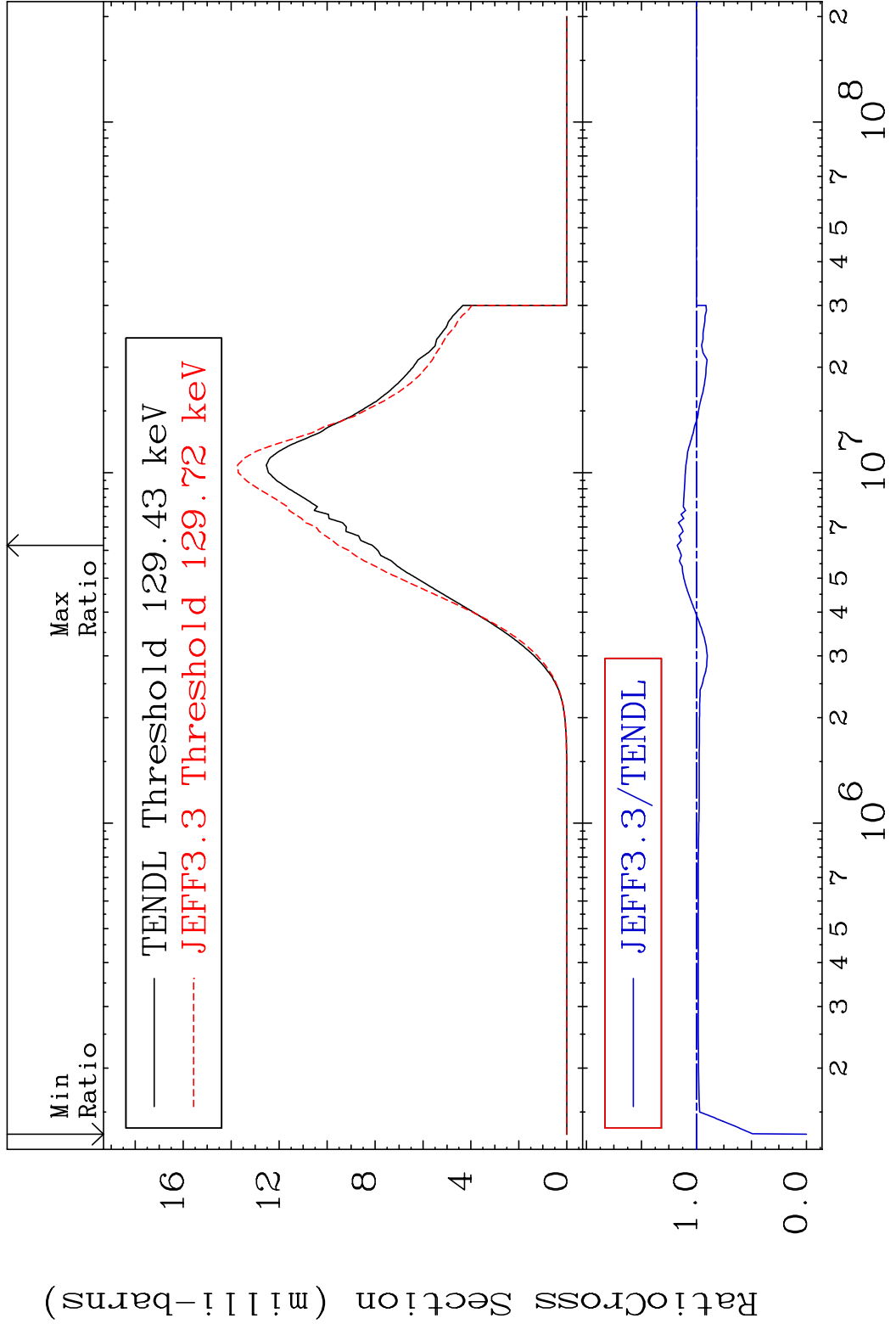
MAT 3125 Dpa inelastic (mt51-91) 31-Ga-69
 Cross Section 0.000 To 9999. %



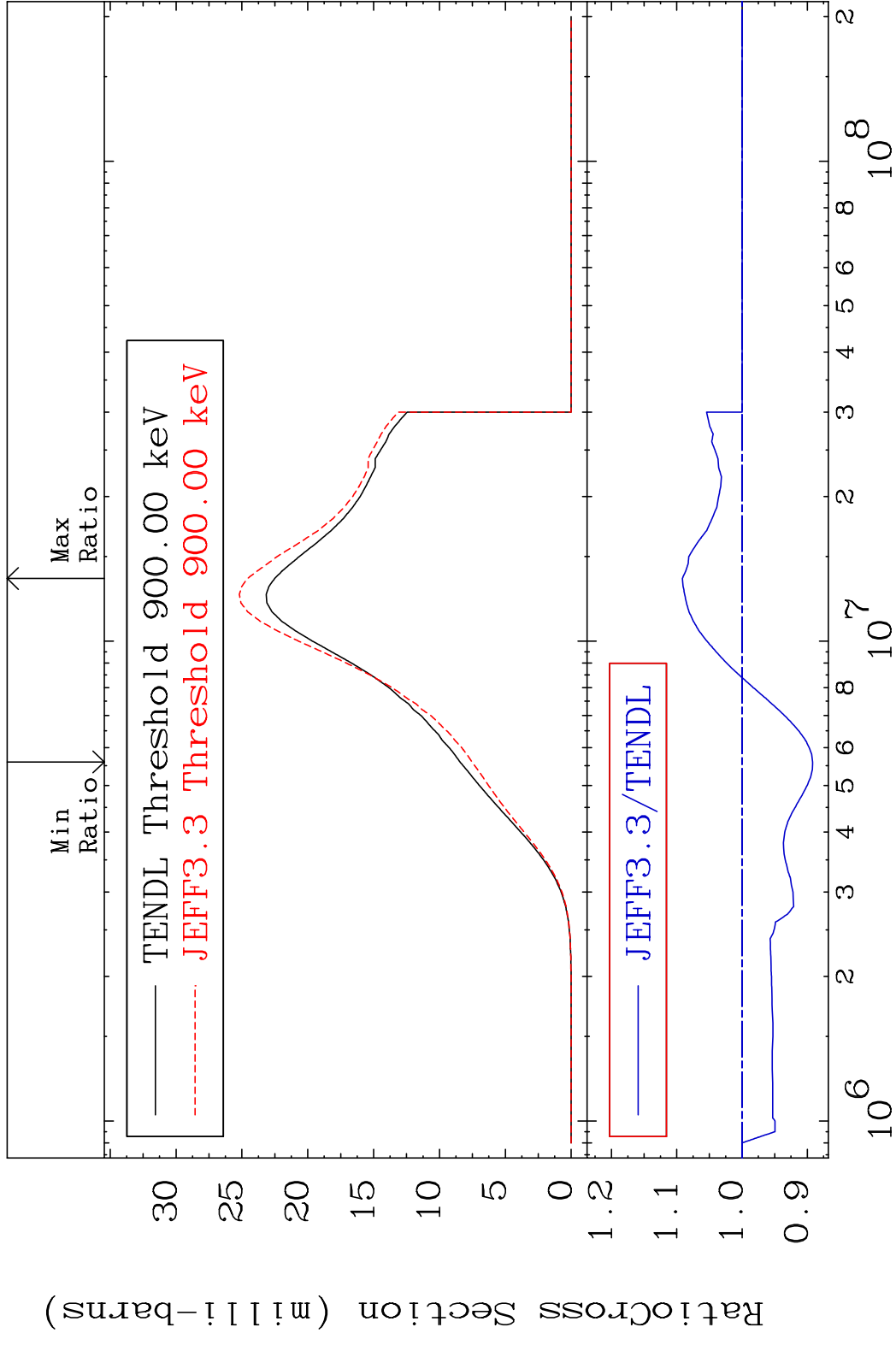
MAT 3125 Dpa disappearance (mt102 -120) 31-Ga-69
 Cross Section -99.68 To 9999. %



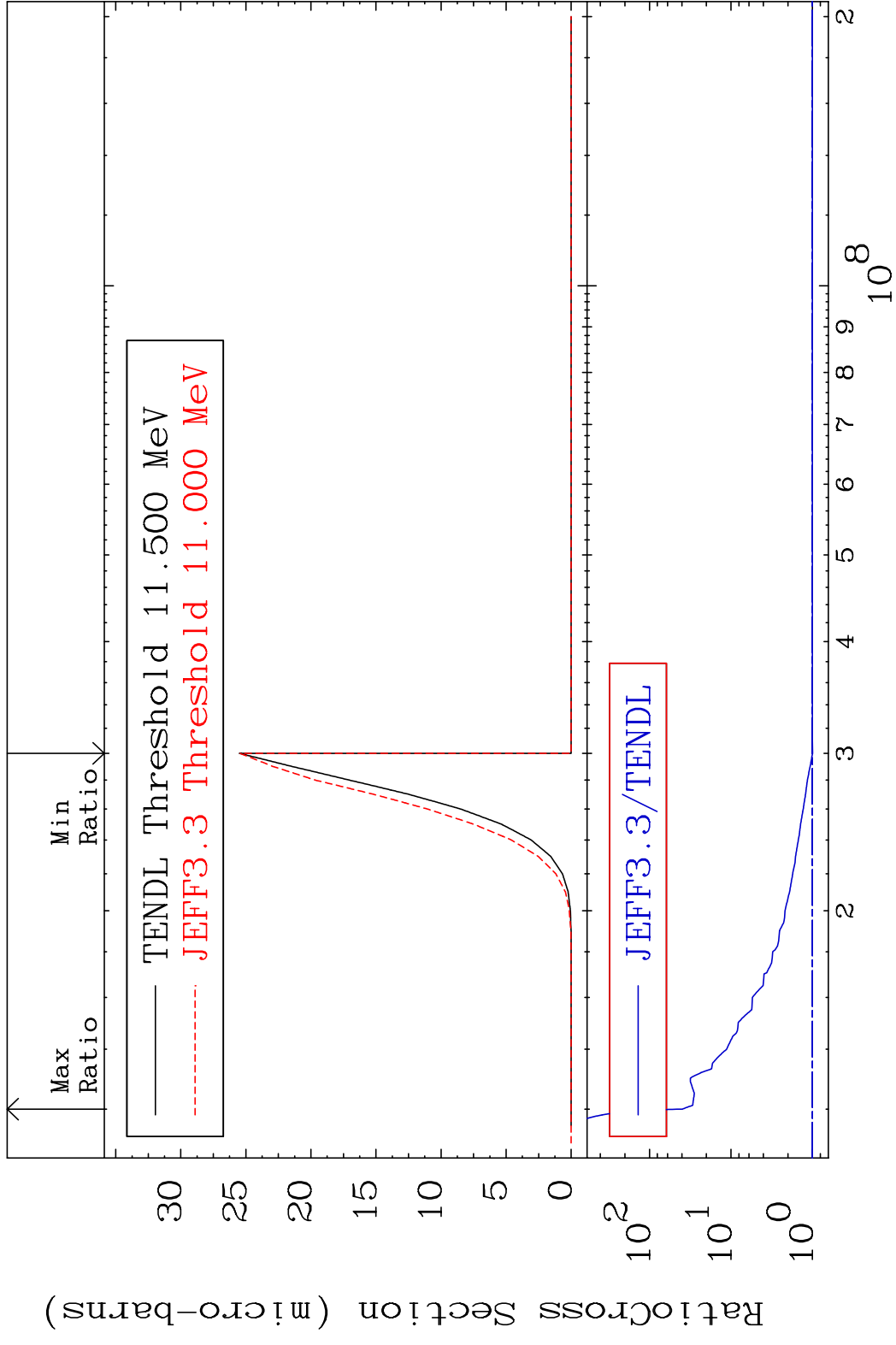
MAT 3125 (n, p) : 30-Zn-69g 31-Ga-69
 Radionuclide Production Cross Section 1800 dth 17.50 %

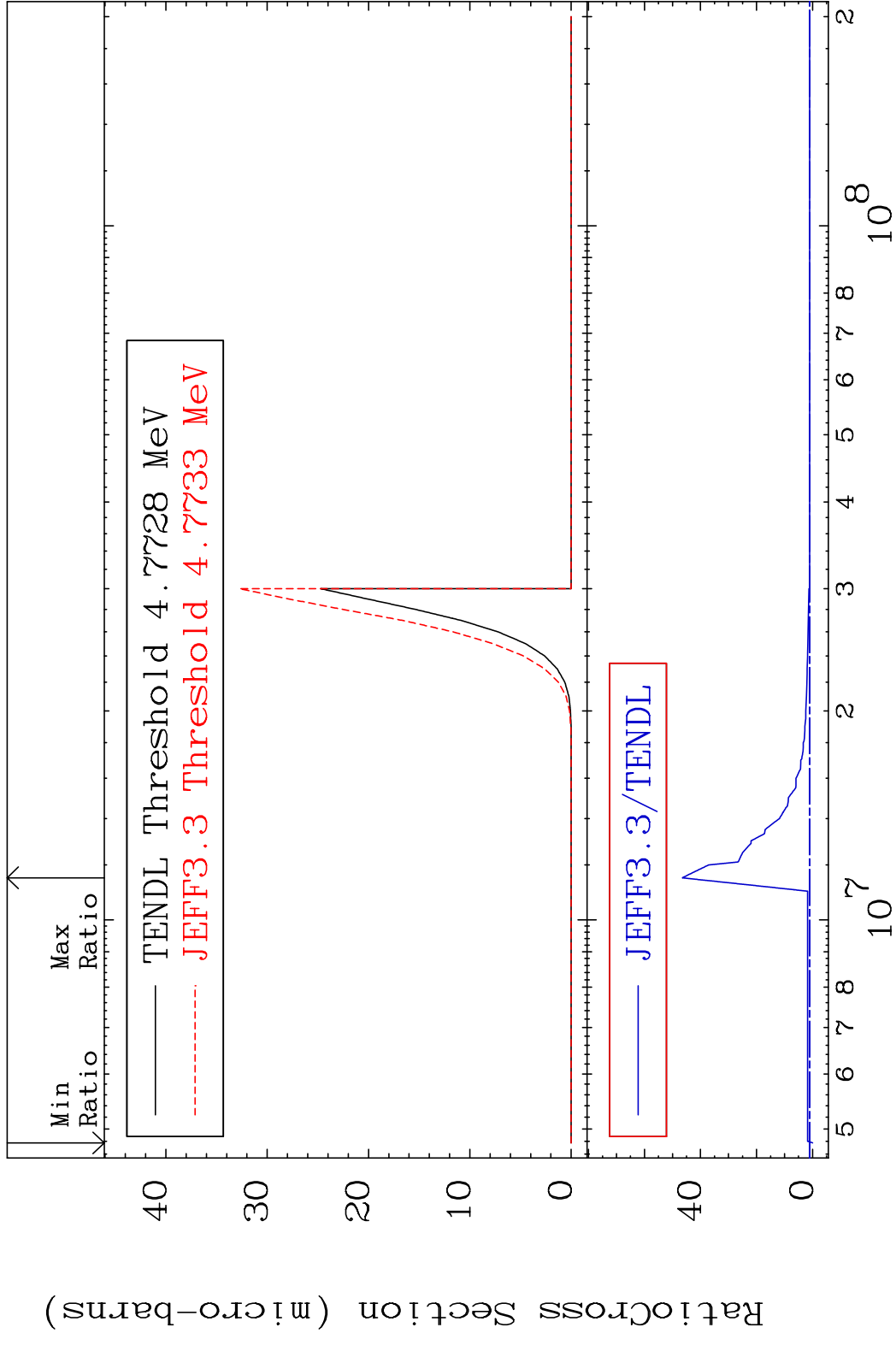


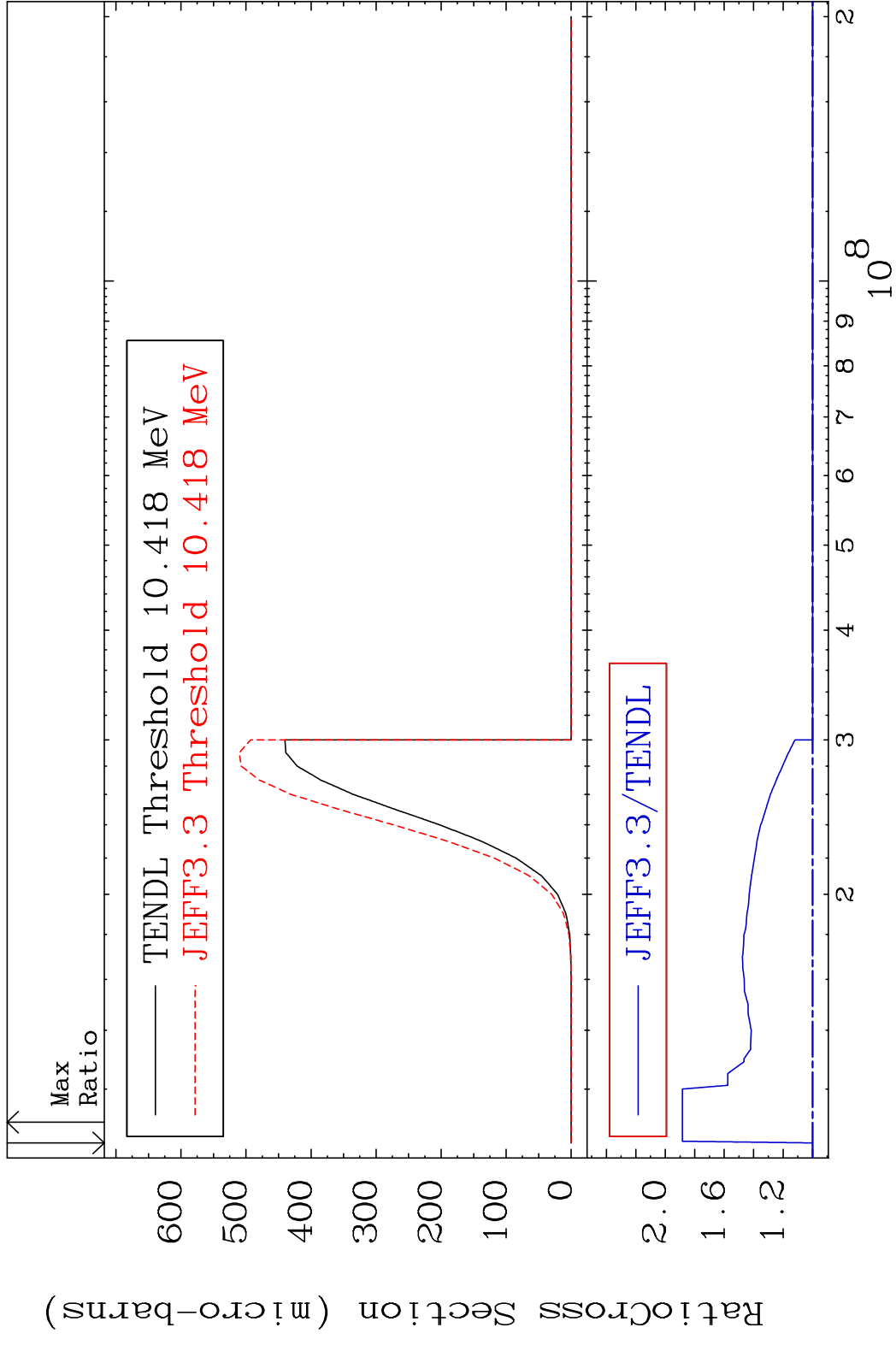
MAT 3125 (n,p):30-Zn-69m1 31-Ga-69
 Radionuclide Production Cross Section Ratio 9.141 %



80 Incident Energy (eV) 31-Ga-69







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

