

Program Complot
(Version 2018-1)

by

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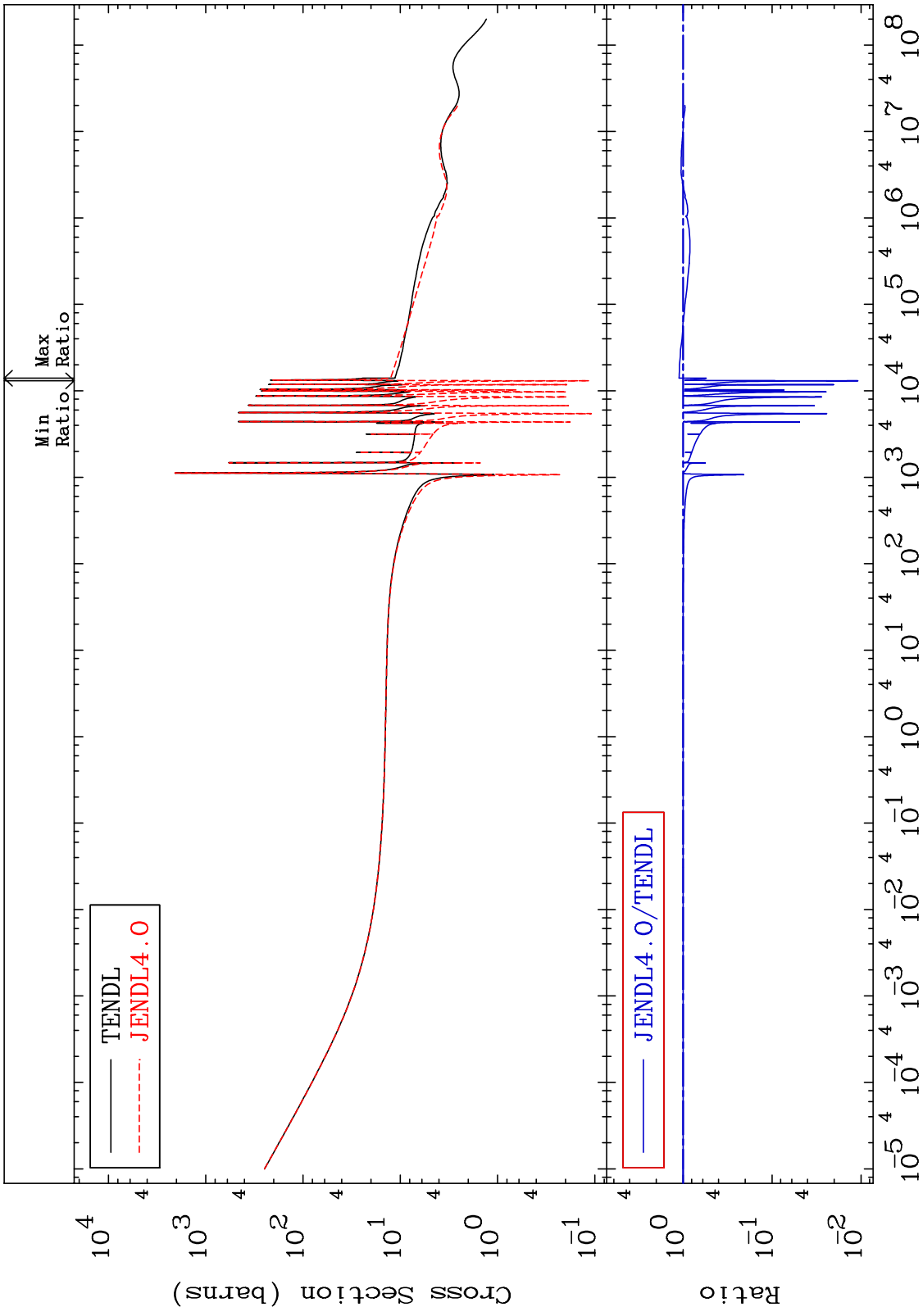
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3225 Total Cross Section 32-Ge-70 -98.92 To 11.03 %

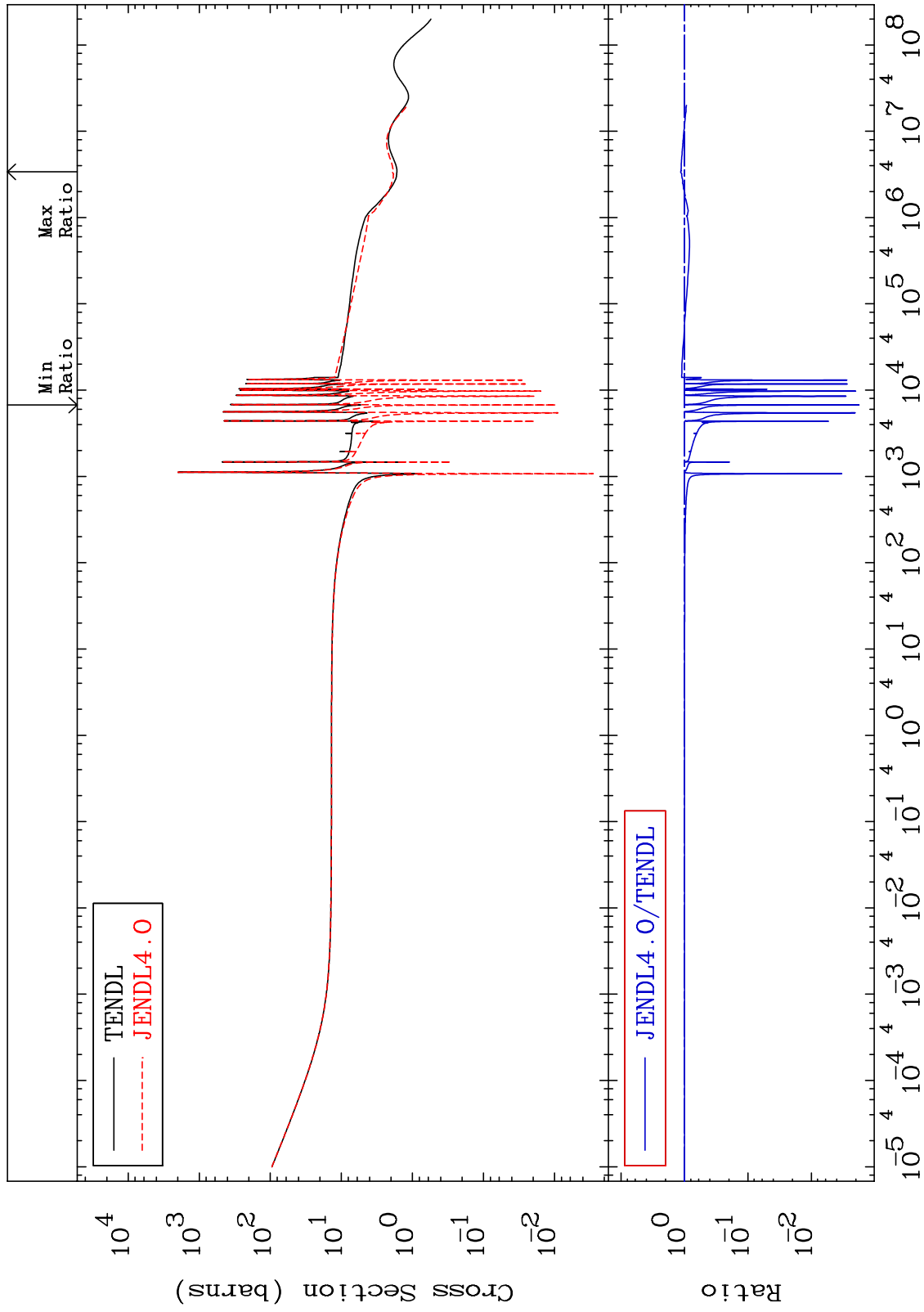


1 Incident Energy (eV) 32-Ge-70

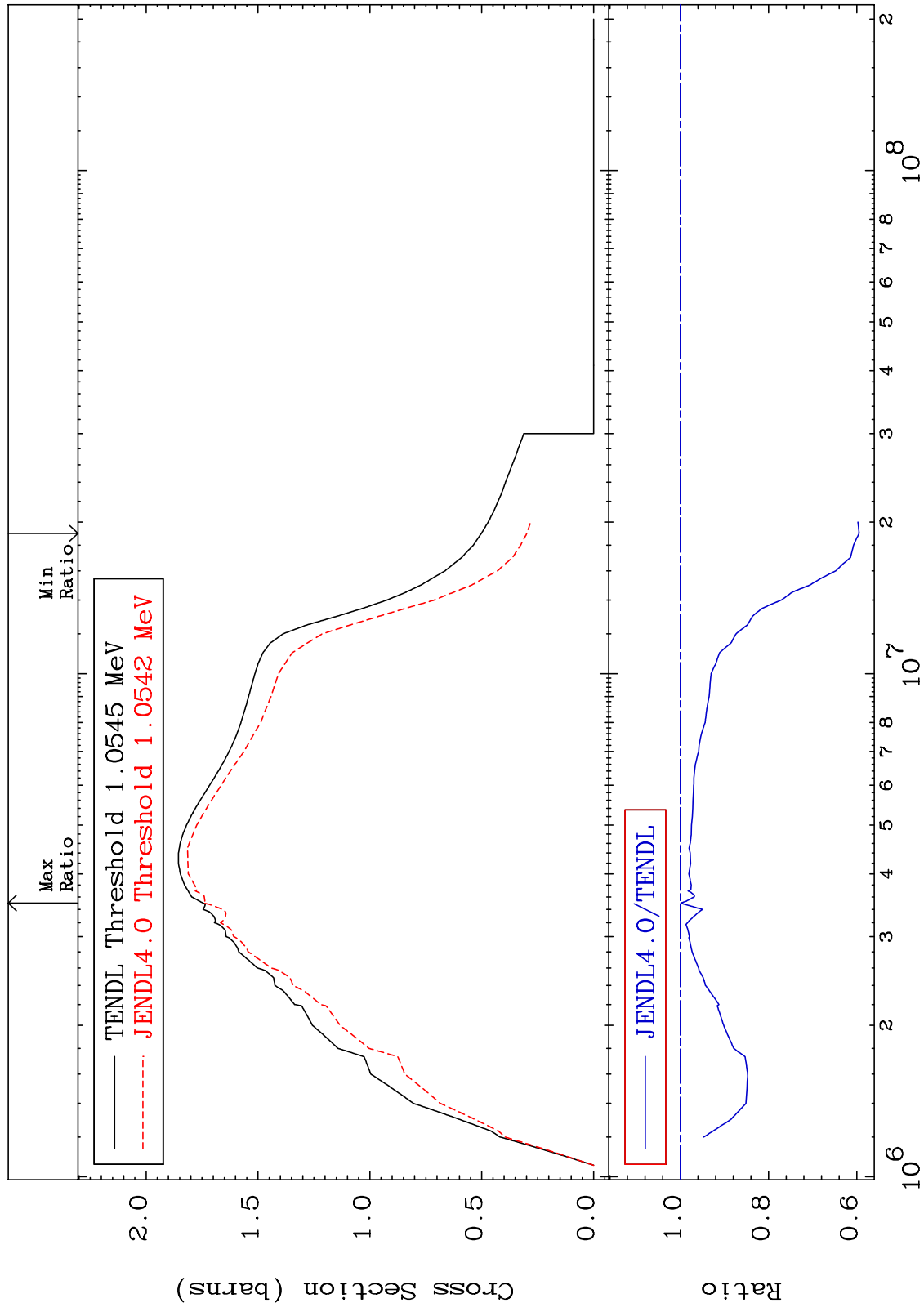
MAT 3225

Elastic
Cross Section

32-Ge-70
-99.82 To 15.34 %



MAT 3225 Inelastic Cross Section 32-Ge-70 -40.51 To -0.098%

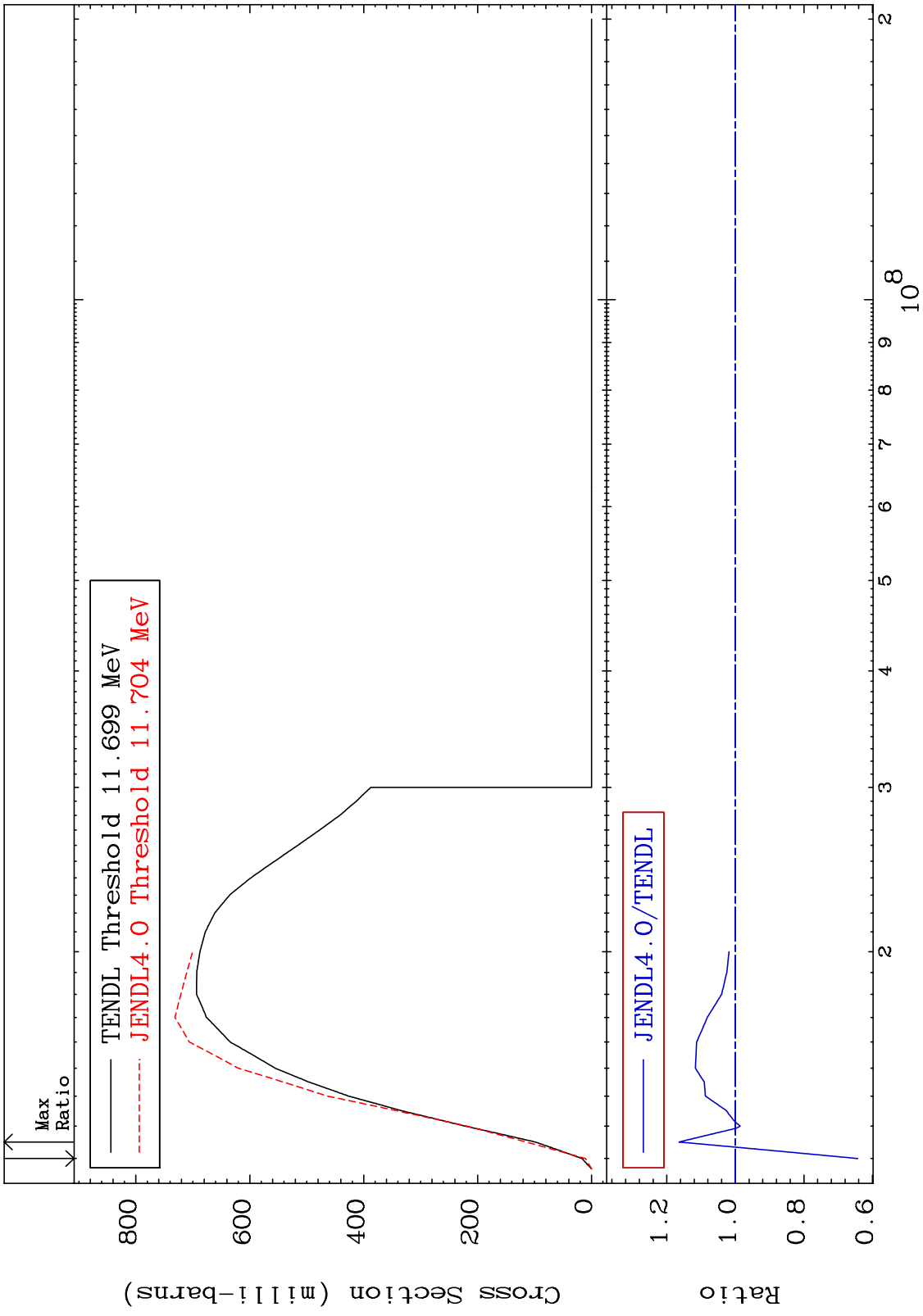


32-Ge-70

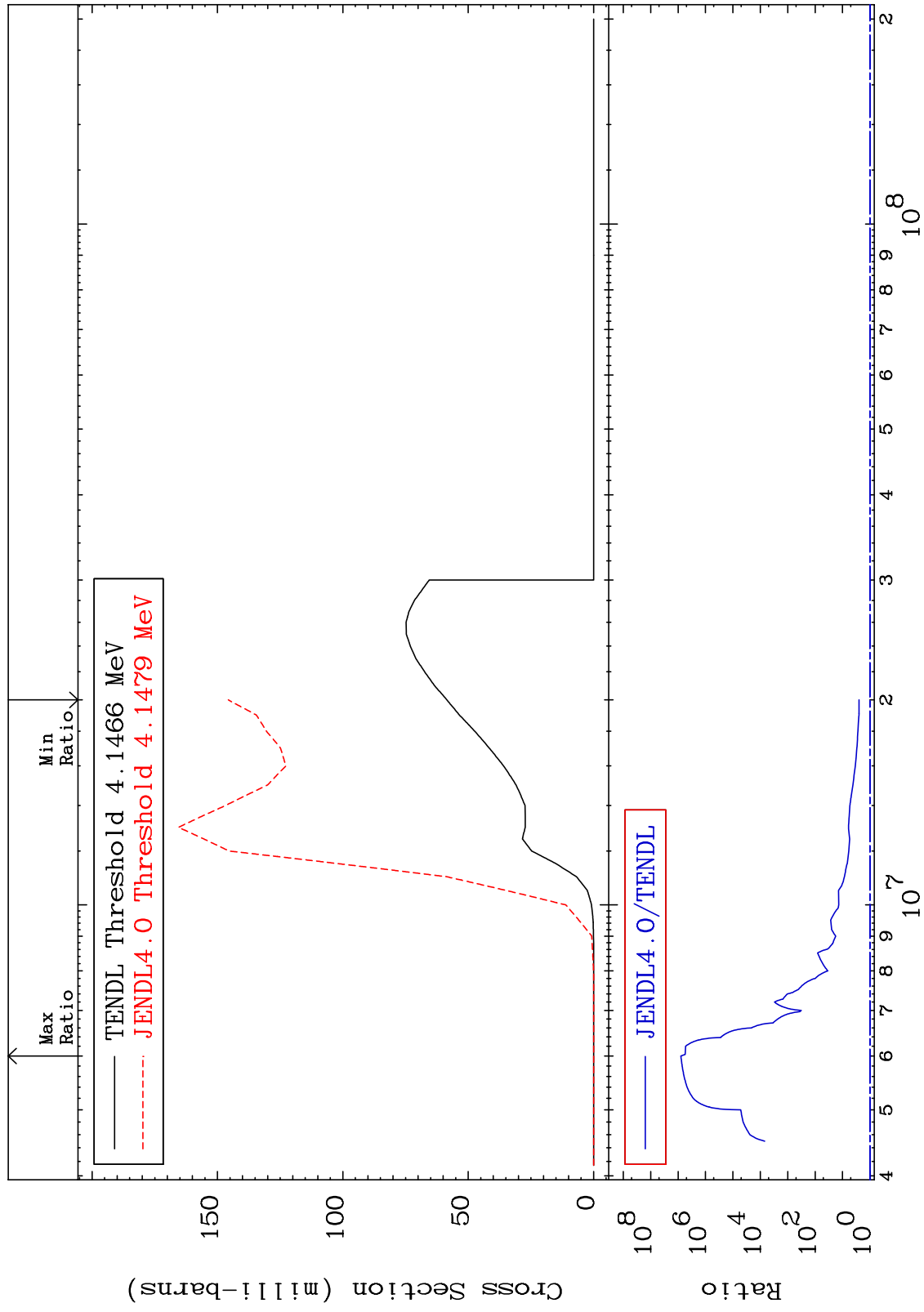
Incident Energy (eV)

3

MAT 3225 (n,2n) Cross Section 32-Ge-70 -35.73 To 16.43 %



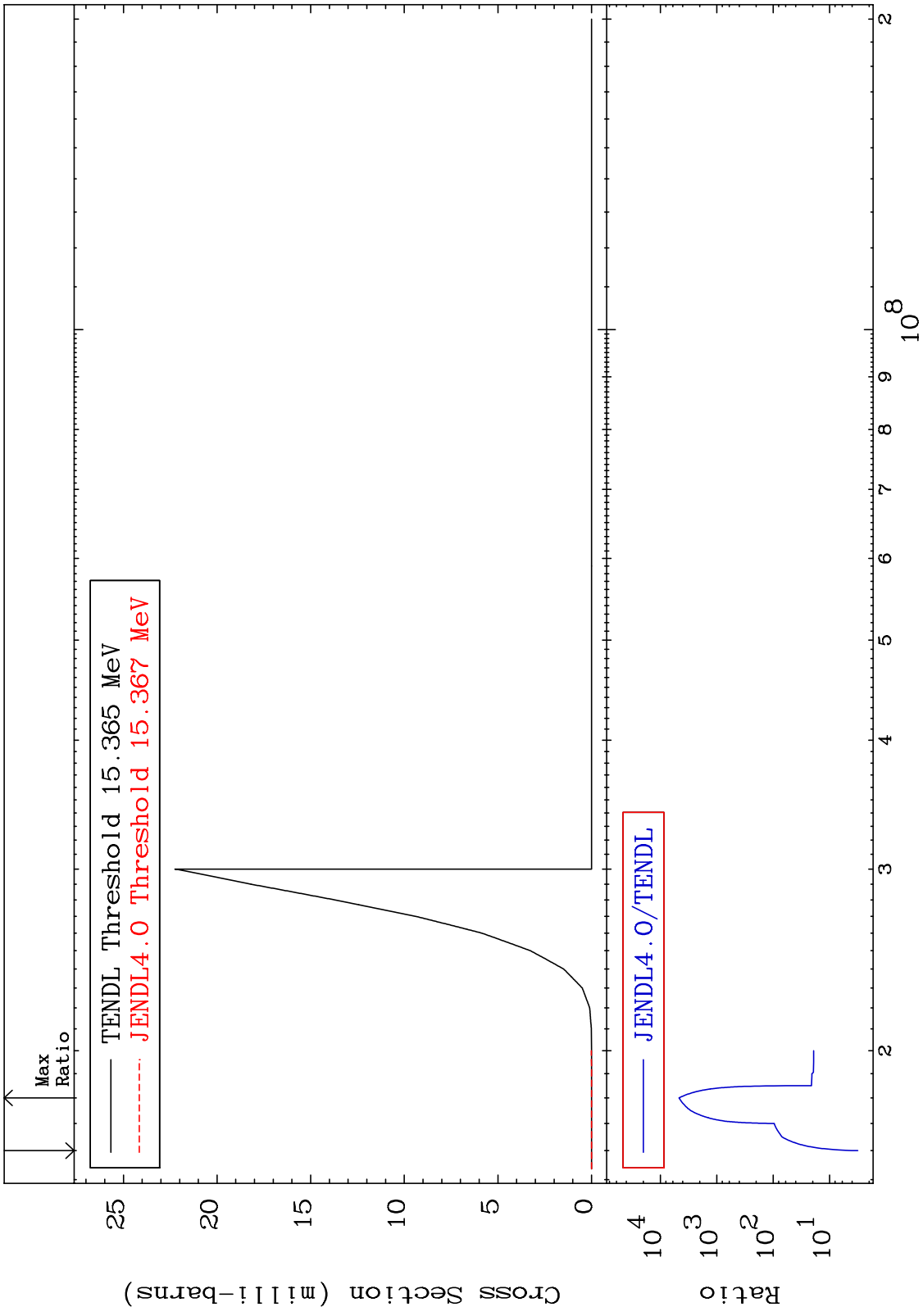
MAT 3225 (n,n') α 32-Ge-70
Cross Section 149.0 To 9999. %



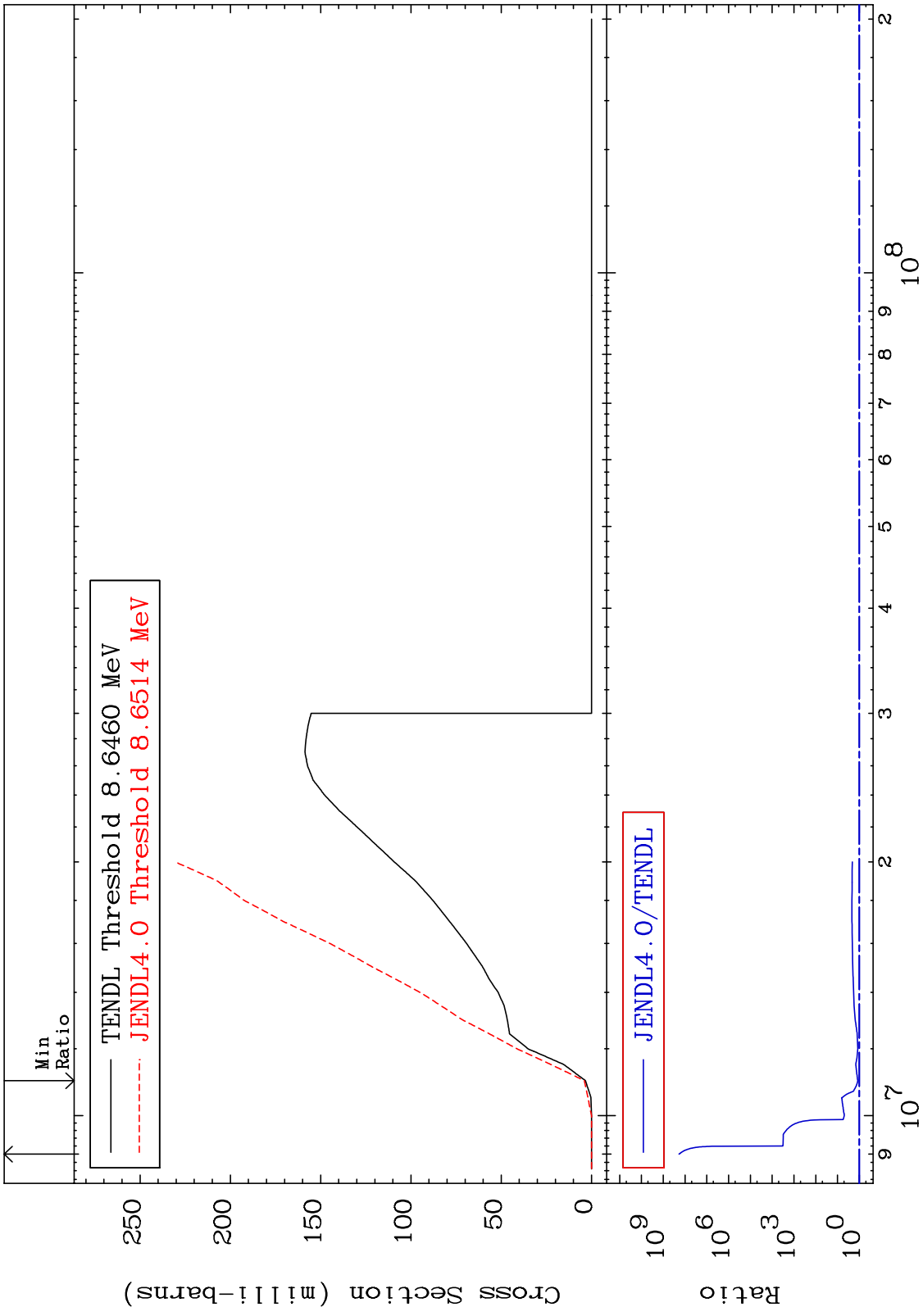
32-Ge-70

Incident Energy (eV)

MAT 3225 (n,2n) α 32-Ge-70
 Cross Section 217.0 To 9999. %

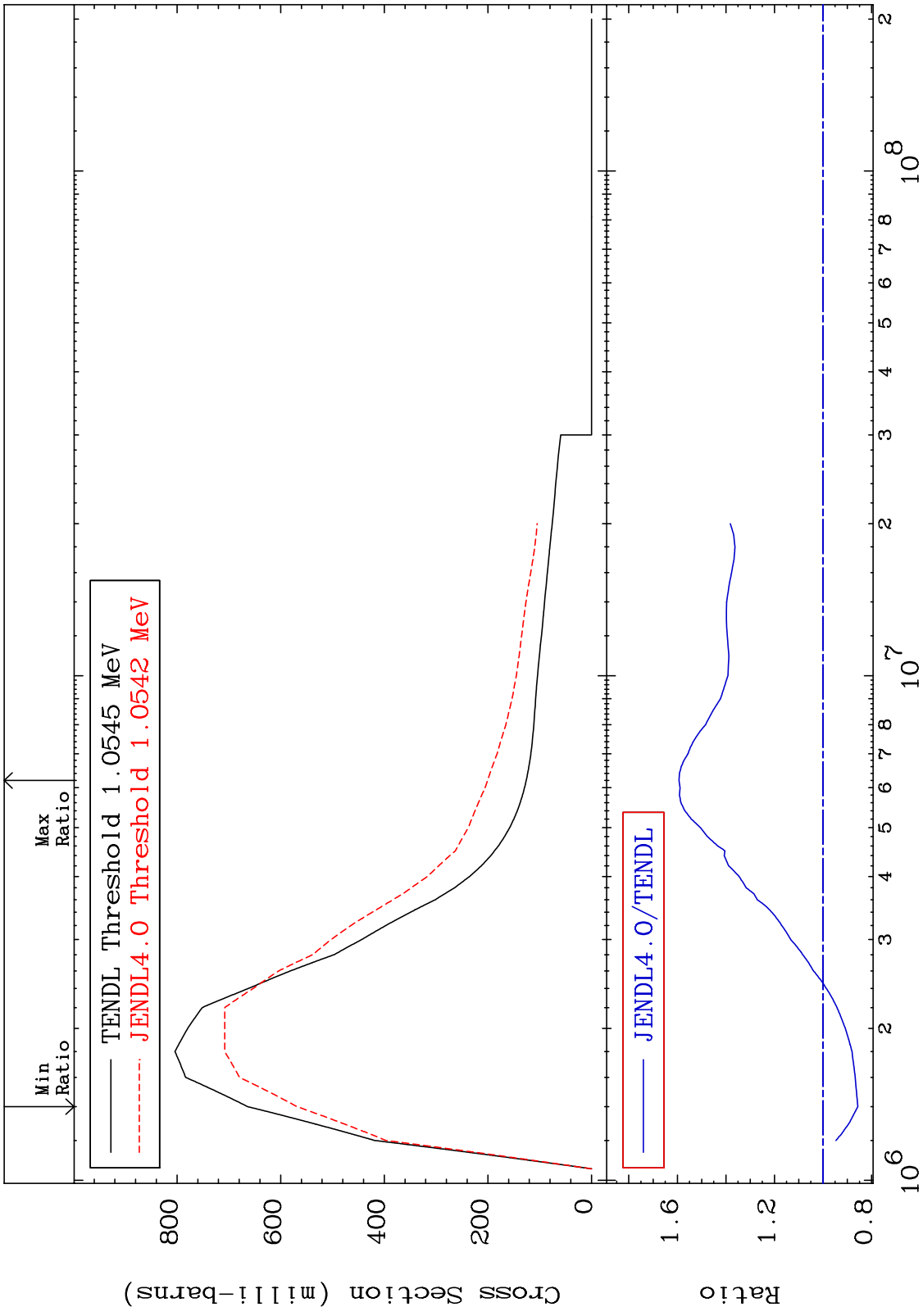


MAT 3225 (n,n') p 32-Ge-70
Cross Section 16.81 To 9999. %



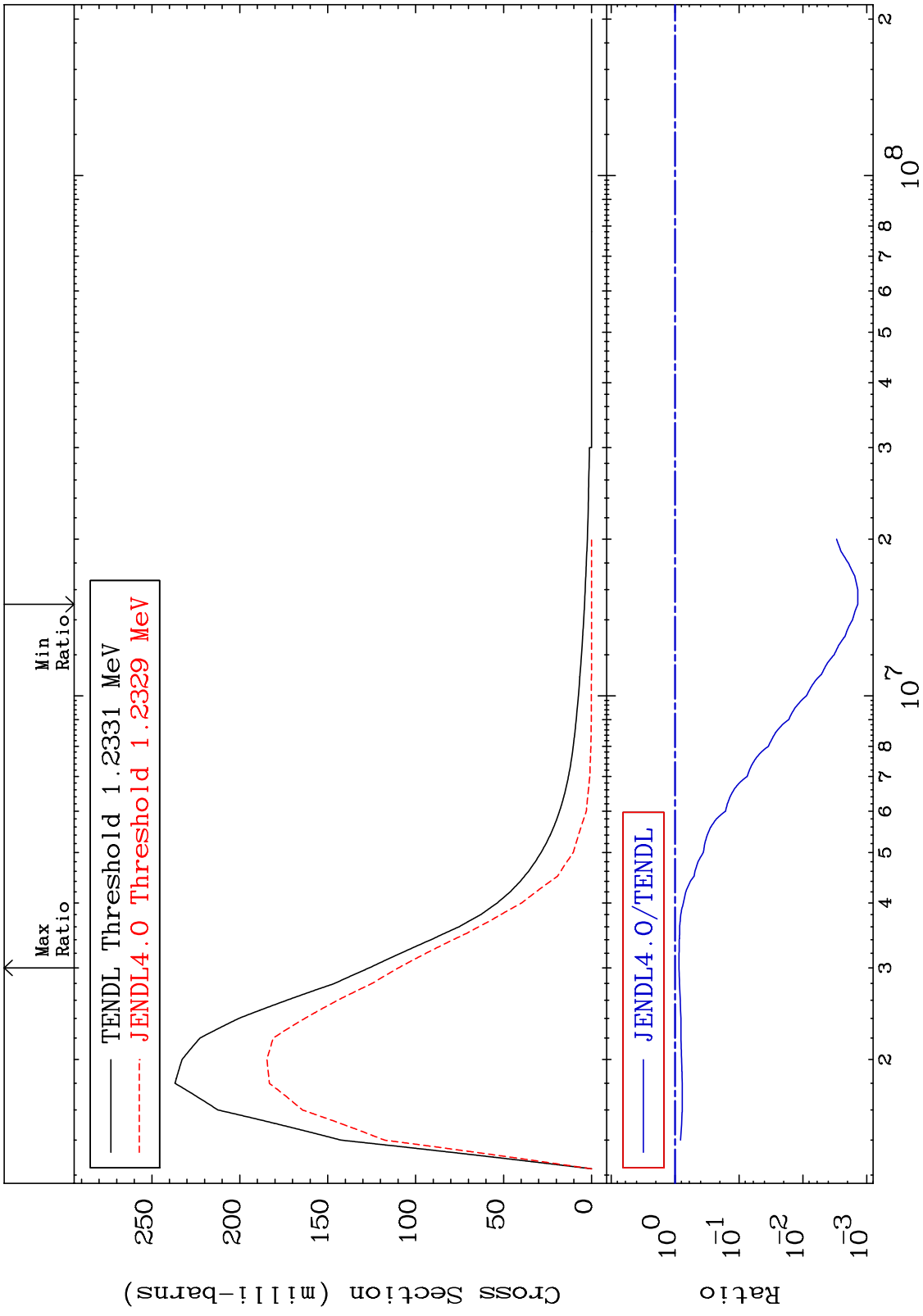
7 Incident Energy (eV) 32-Ge-70

MAT 3225 MT= 51 (n,n') Level Cross Section -14.34 To 59.31 % 32-Ge-70

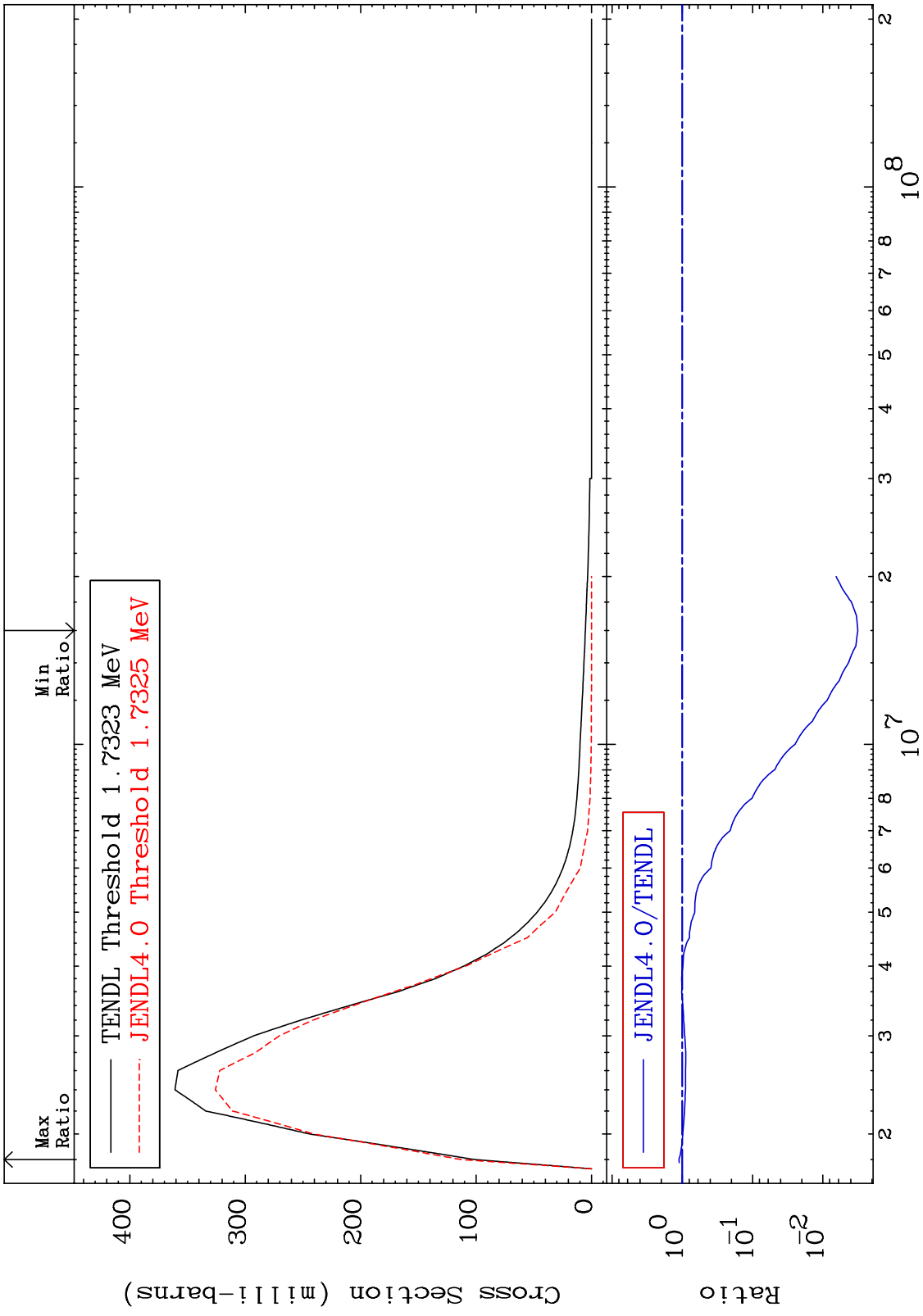


8 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 10⁸ 32-Ge-70

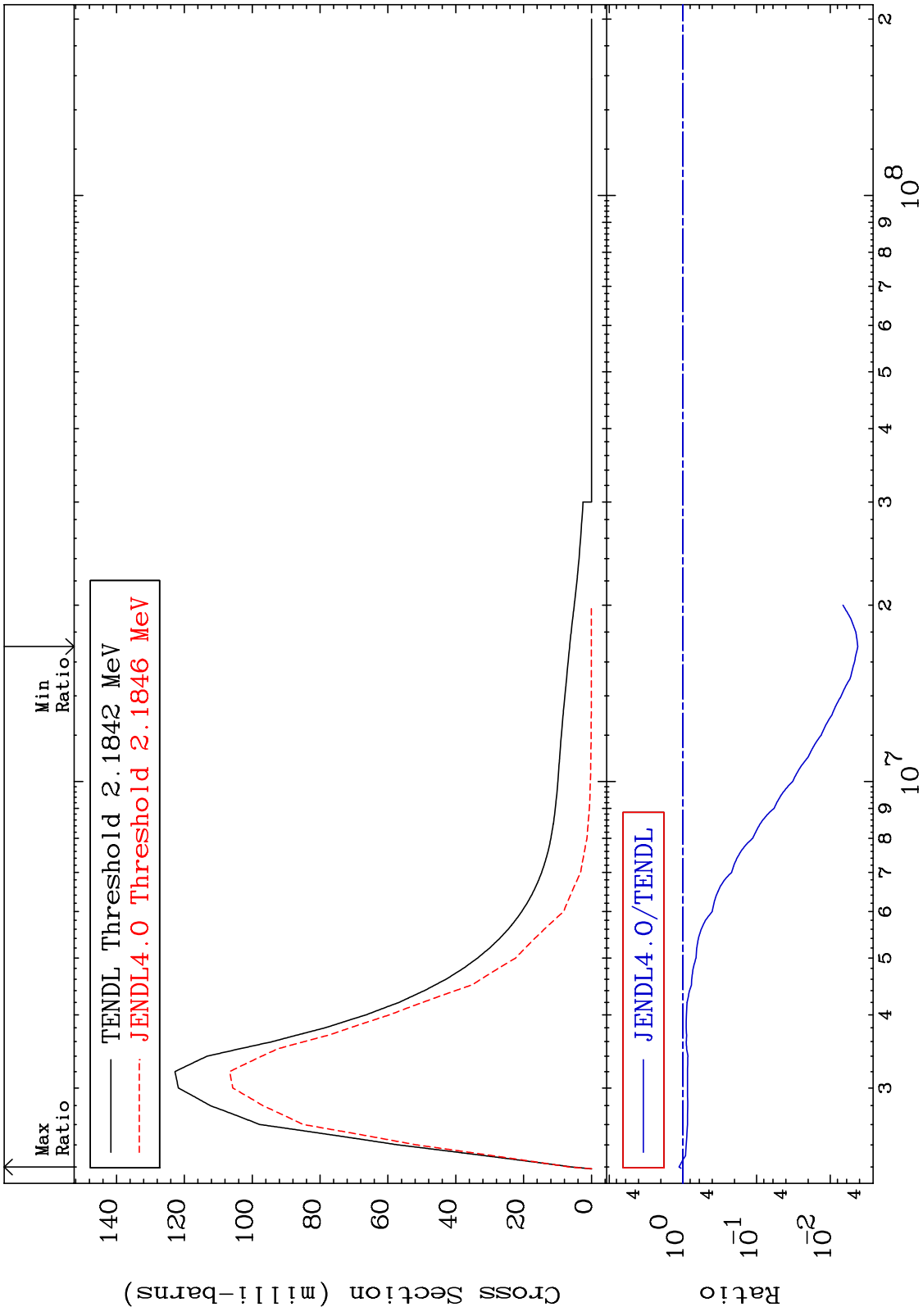
MAT 3225 MT= 52 (n,n') Level Cross Section 32-Ge-70
 -99.86 To -13.16%



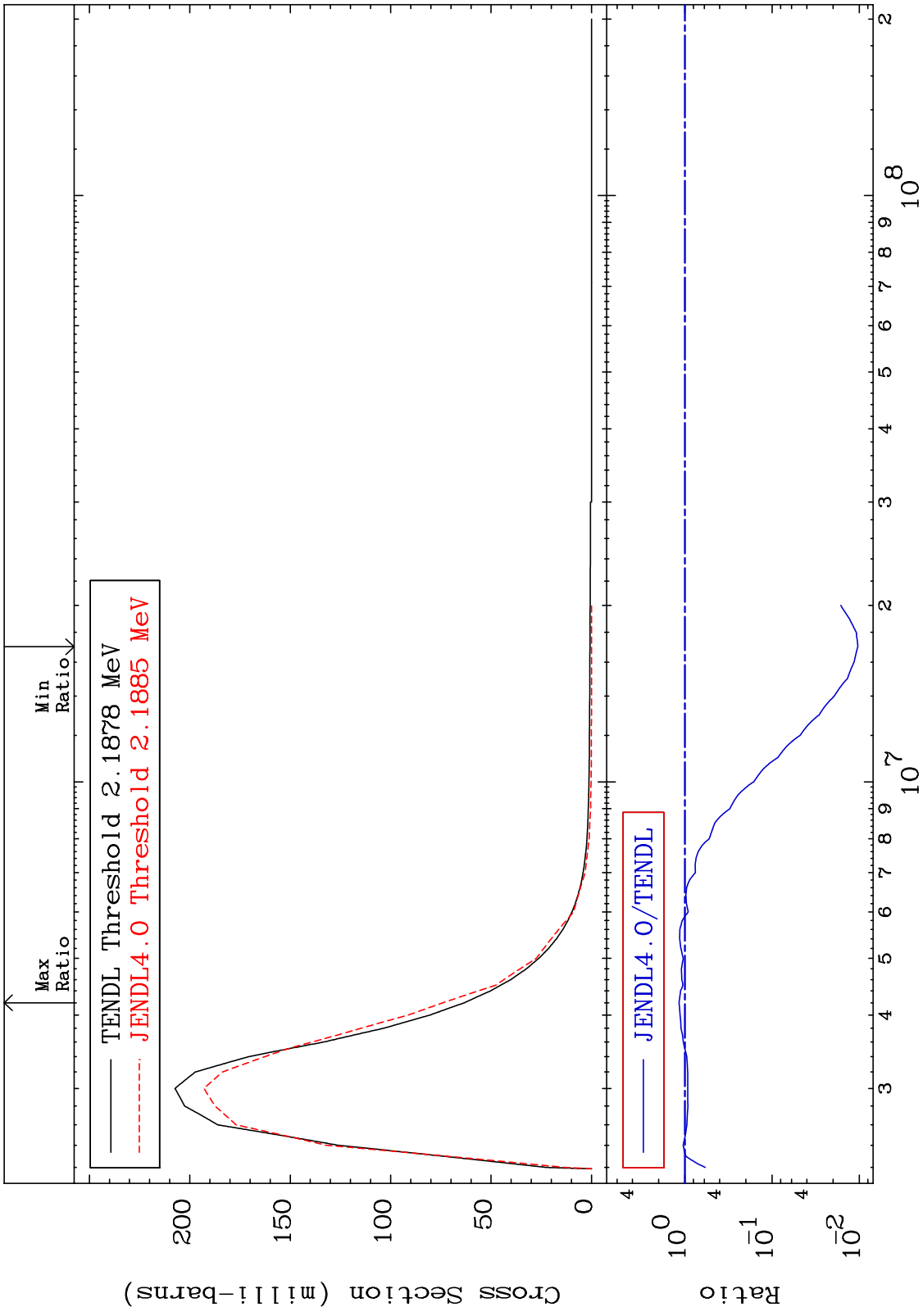
MAT 3225 MT= 53 (n,n') Level Cross Section 32-Ge-70 -99.68 To 11.39 %



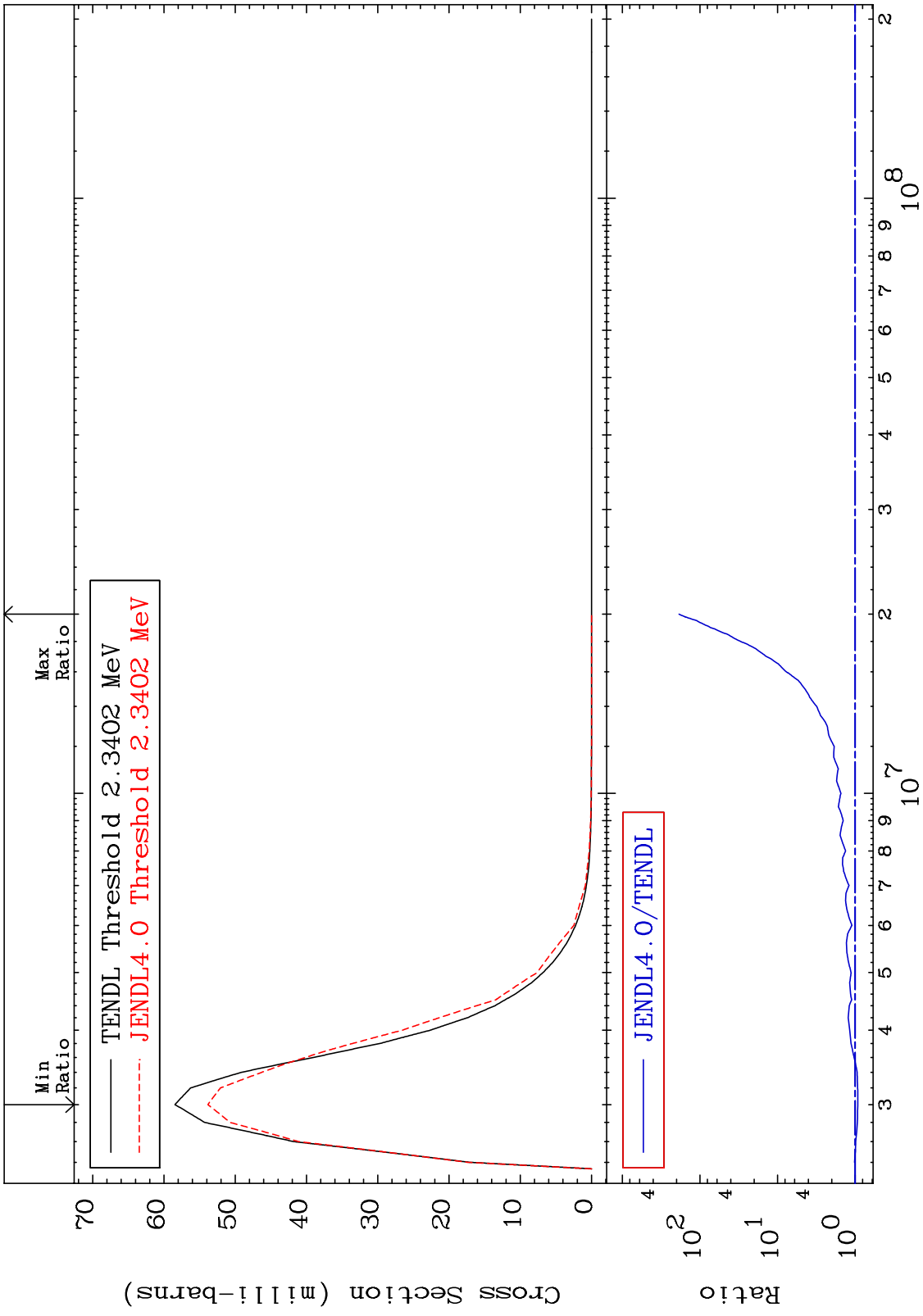
MAT 3225 MT= 54 (n,n') Level Cross Section 32-Ge-70
 -99.58 To 12.98 %



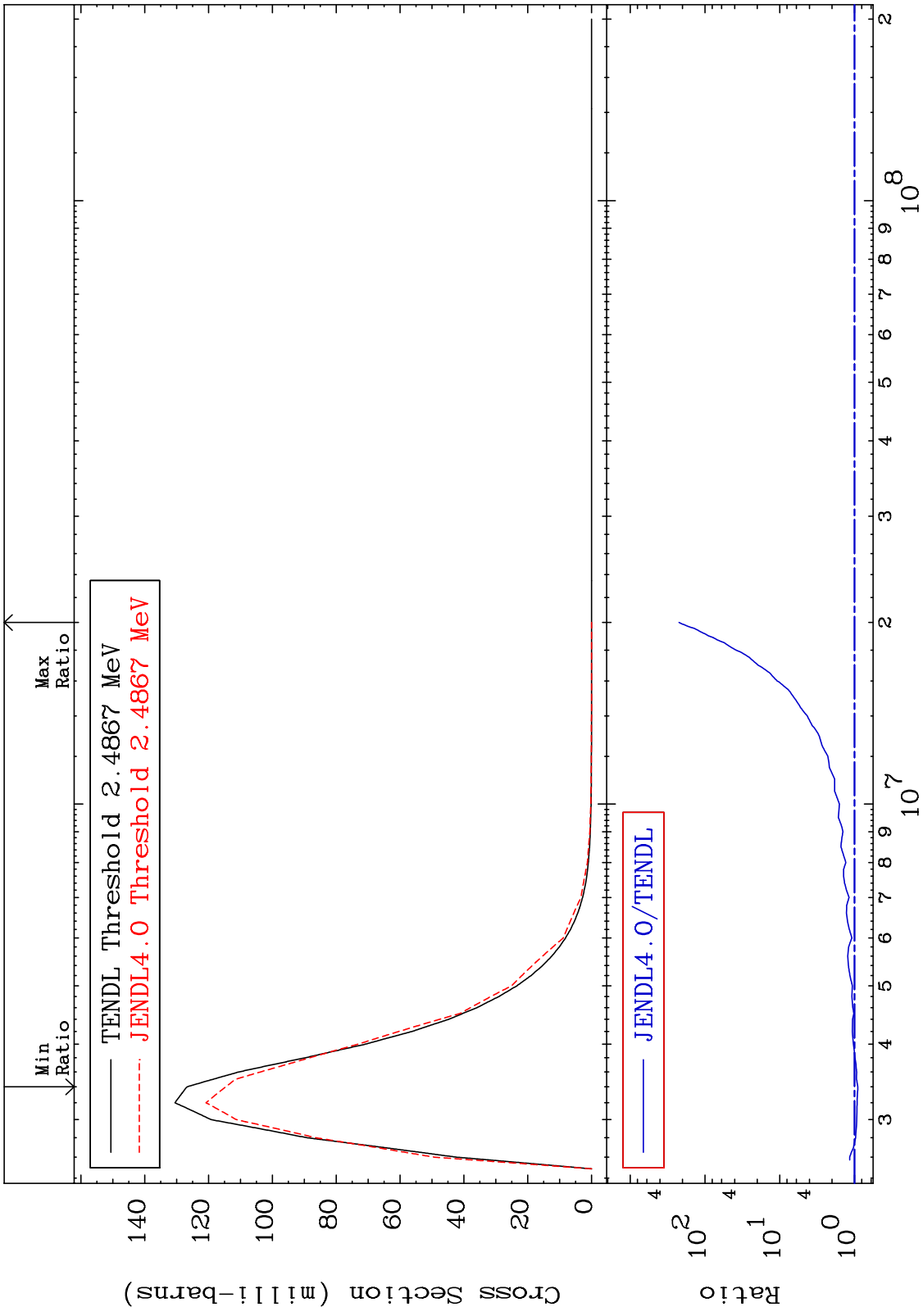
MAT 3225 MT= 55 (n,n') Level Cross Section 32-Ge-70
 -98.96 To 16.83 %



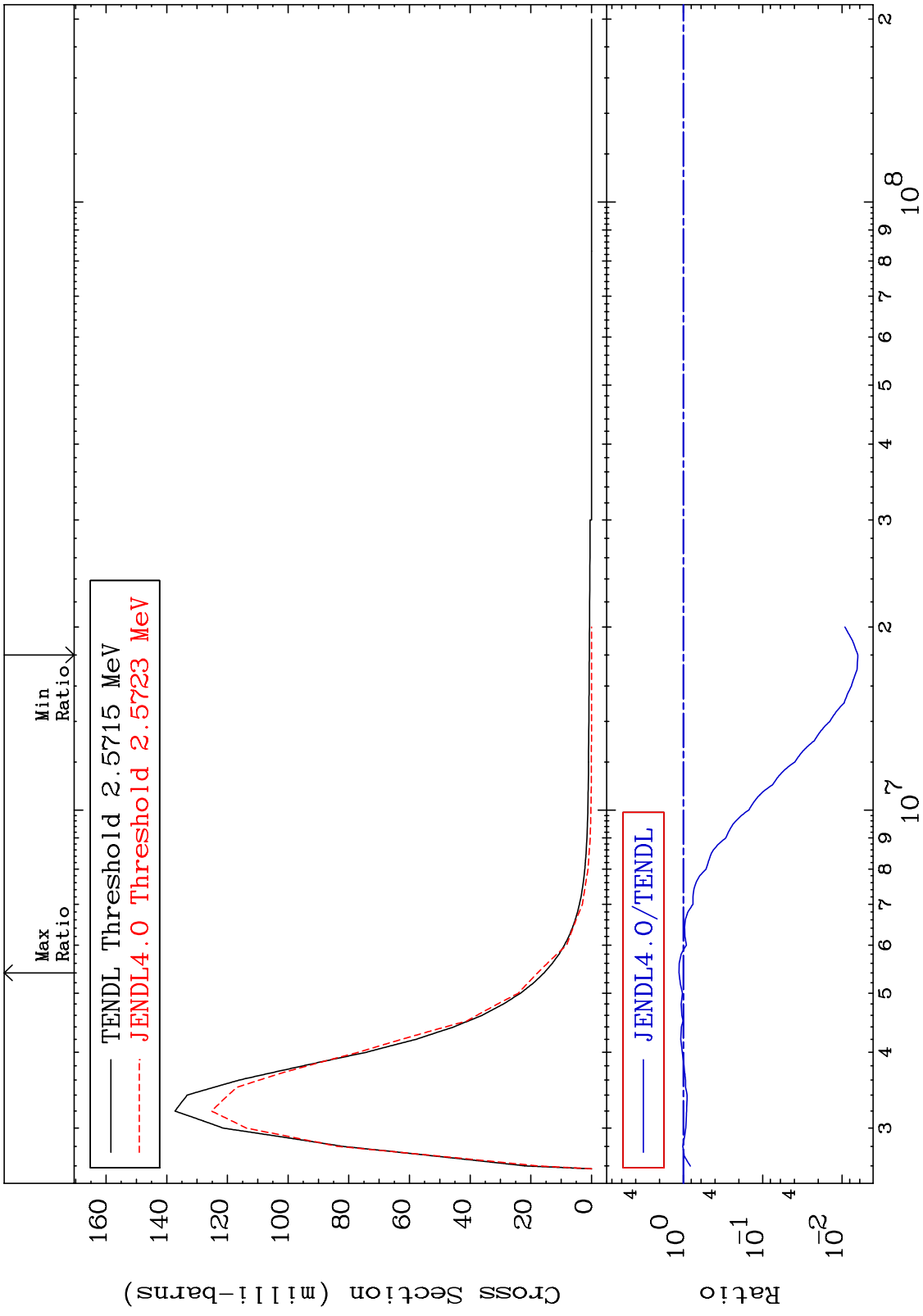
MAT 3225 MT= 56 (n,n') Level Cross Section 32-Ge-70
 -7.897 To 9999. %



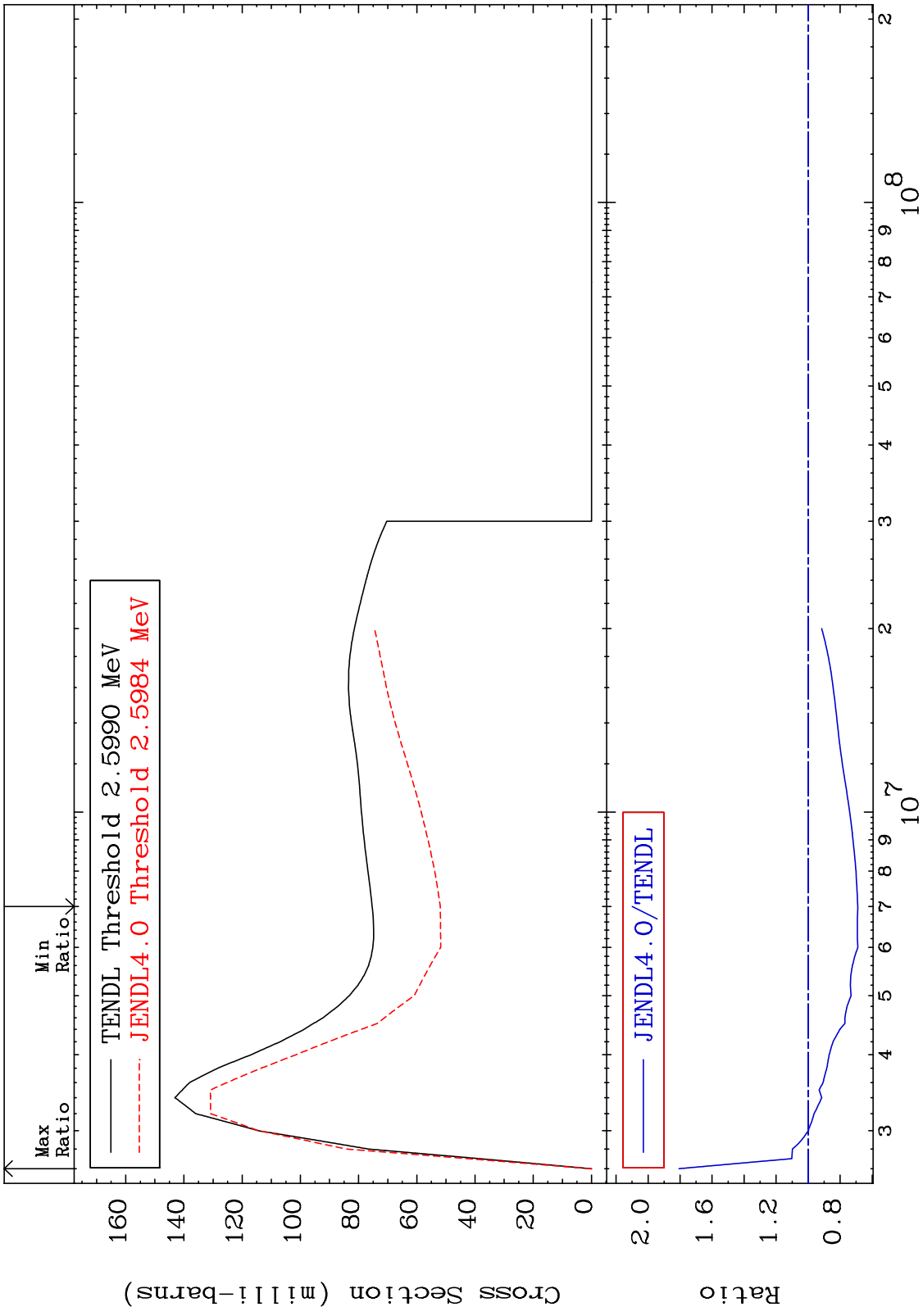
MAT 3225 MT= 57 (n,n') Level Cross Section 32-Ge-70
 -9.590 To 9999. %



MAT 3225 MT= 58 (n,n') Level Cross Section -99.37 To 13.64 % 32-Ge-70

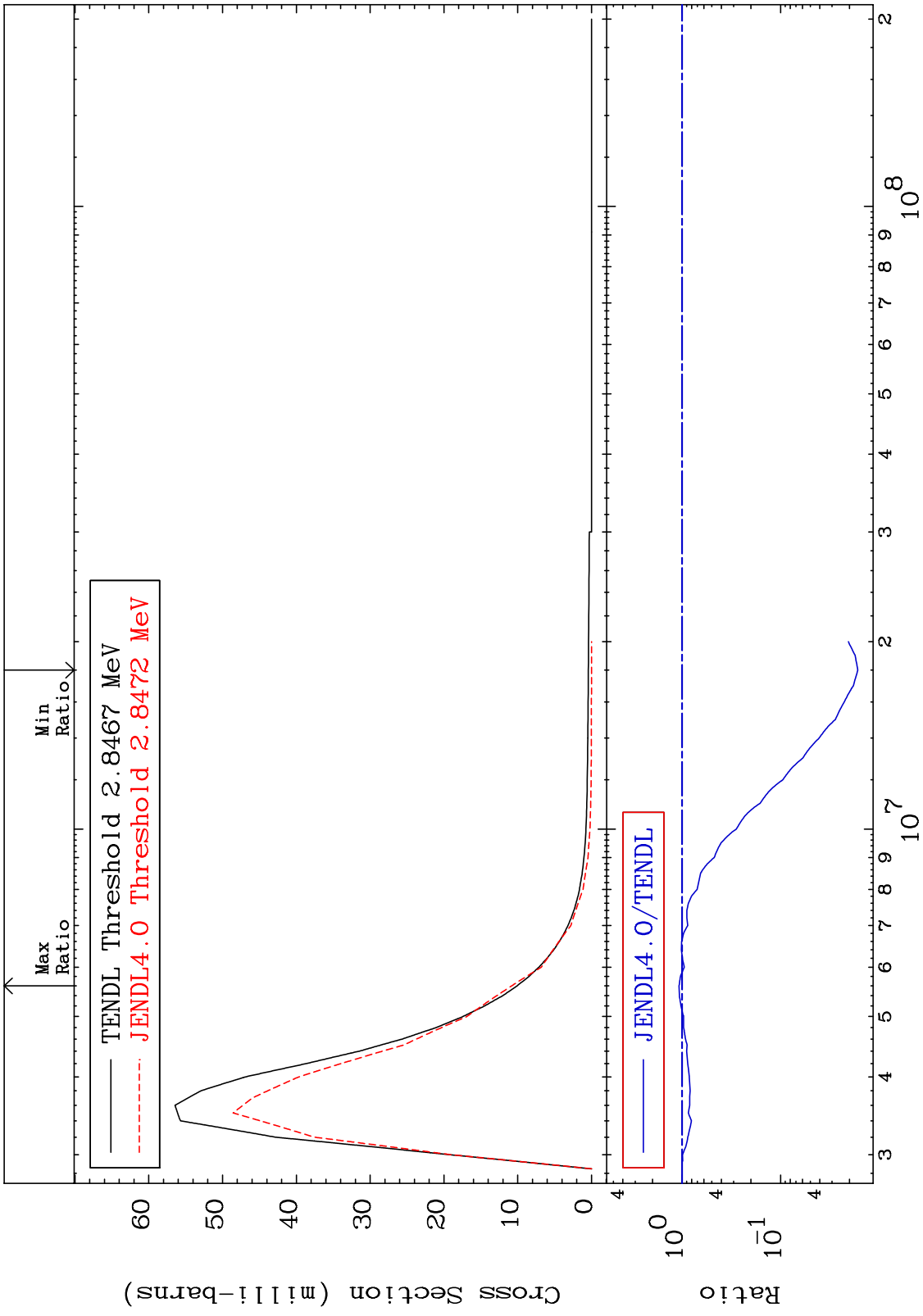


MAT 3225 MT= 59 (n,n') Level Cross Section 32-Ge-70
 -31.05 To 80.64 %

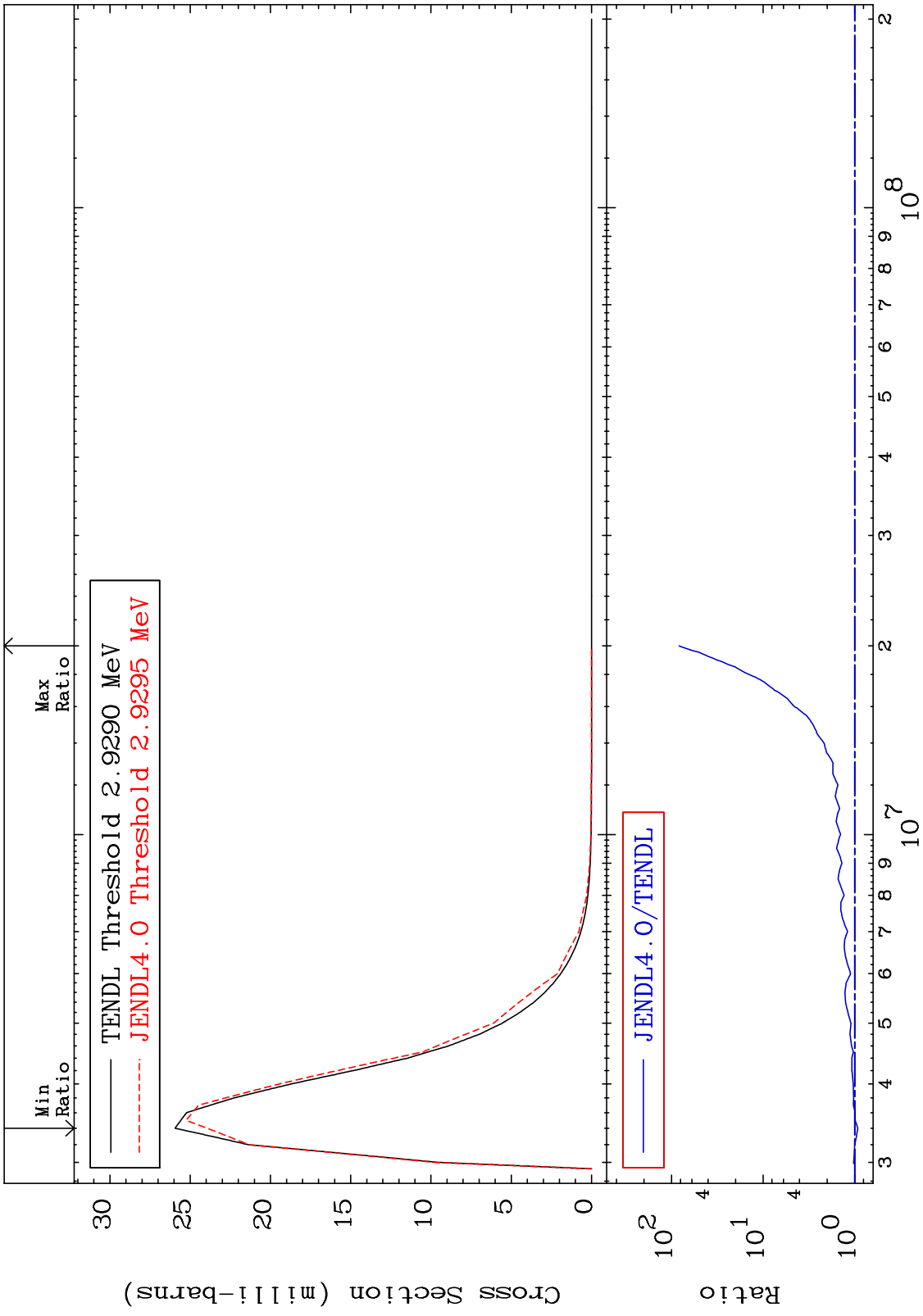


16 32-Ge-70 Incident Energy (eV)

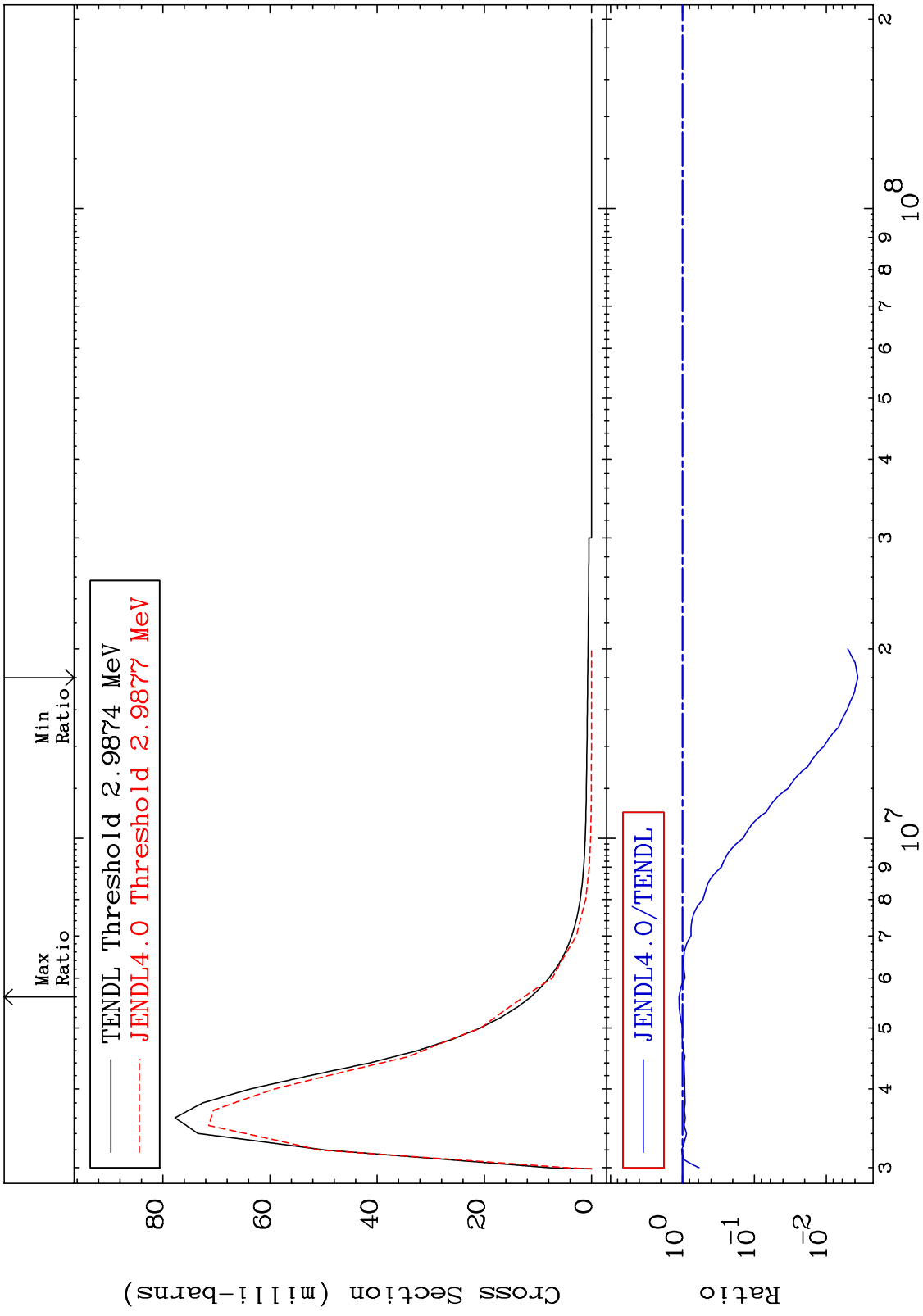
MAT 3225 MT= 60 (n,n') Level Cross Section 32-Ge-70
 -98.36 To 7.514 %



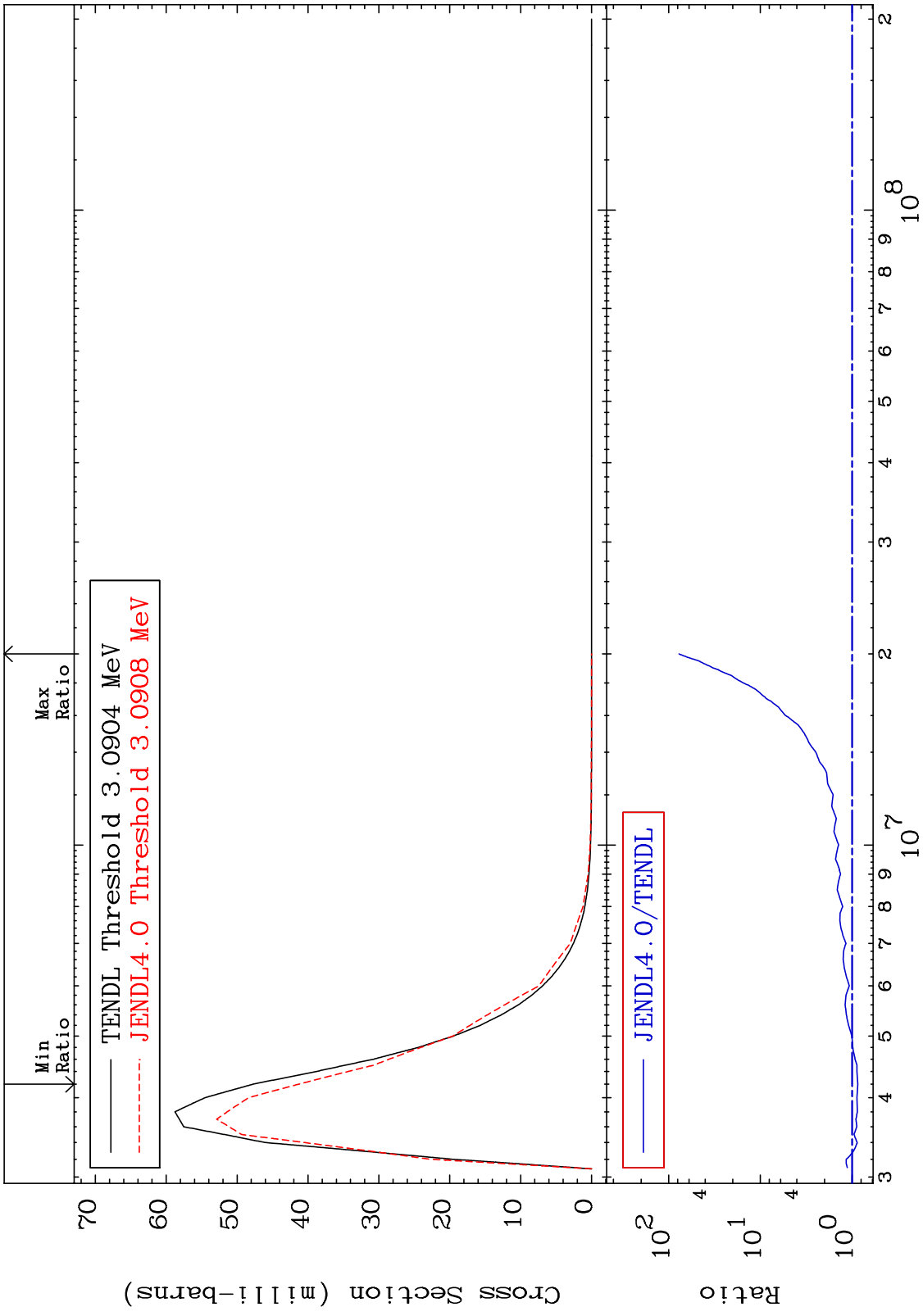
MAT 3225 MT= 61 (n,n') Level Cross Section -7.715 To 8183. % 32-Ge-70



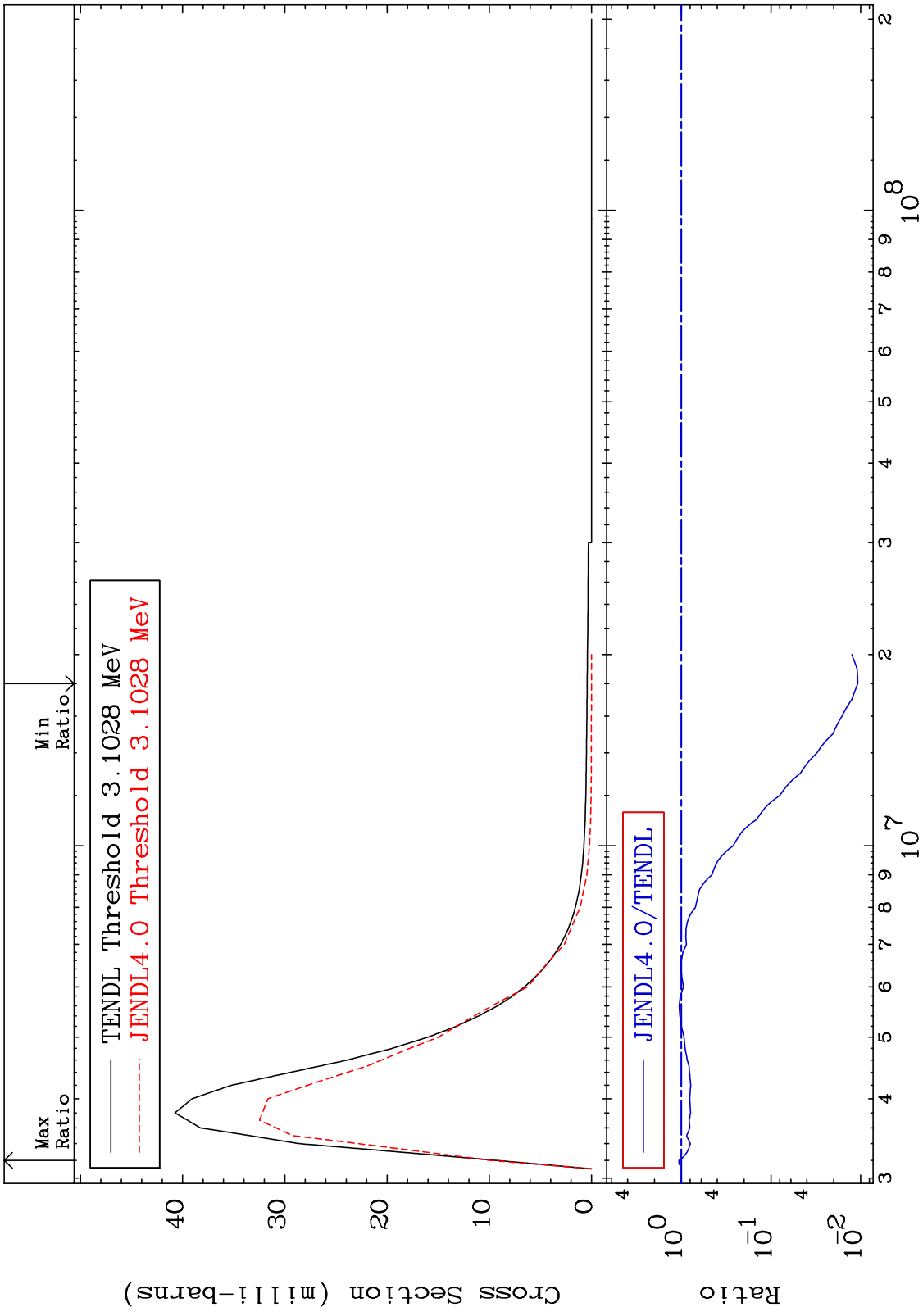
MAT 3225 MT= 62 (n,n') Level Cross Section 32-Ge-70
 -99.64 To 11.36 %



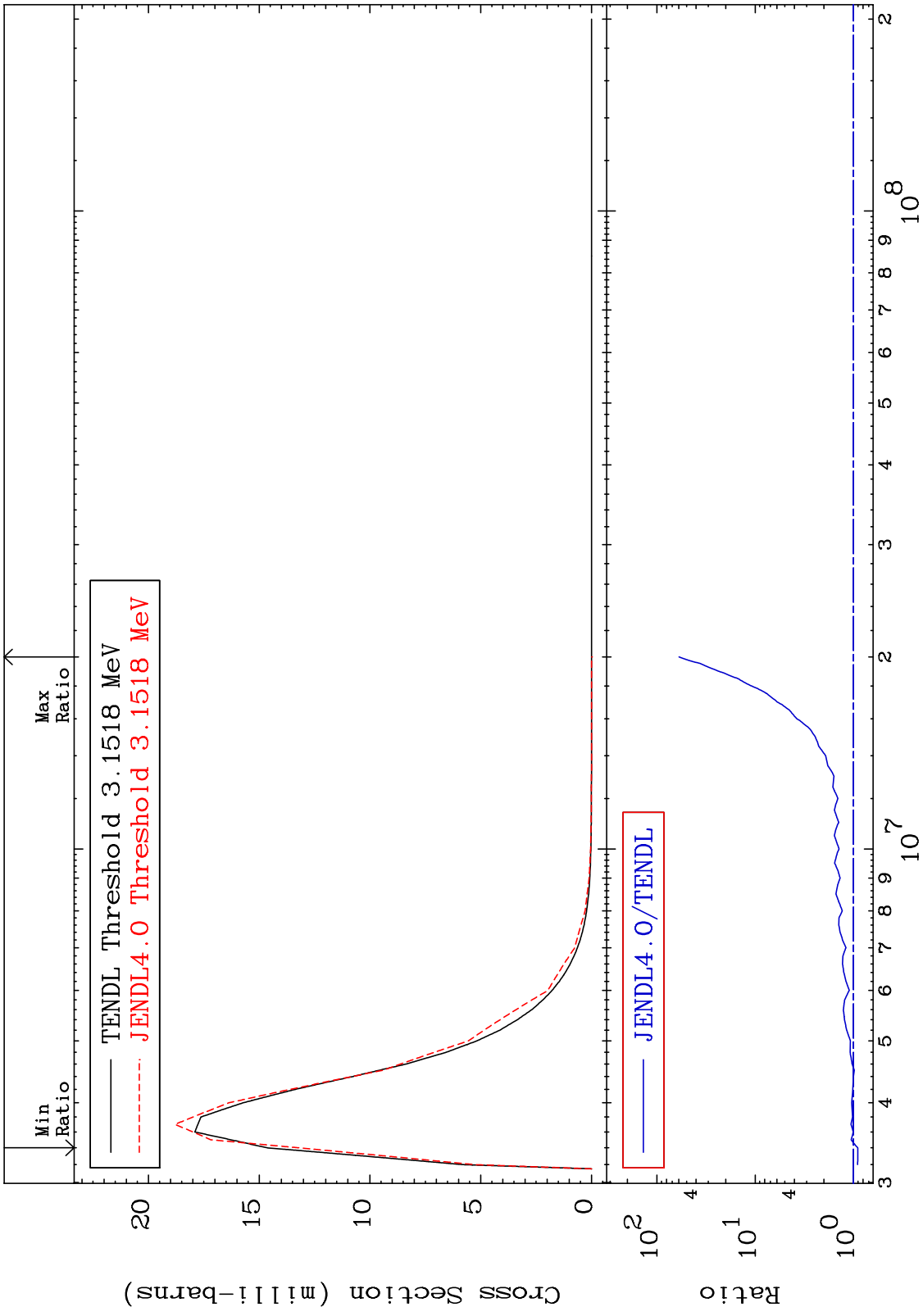
MAT 3225 MT= 63 (n,n') Level Cross Section -13.43 To 7607. % 32-Ge-70



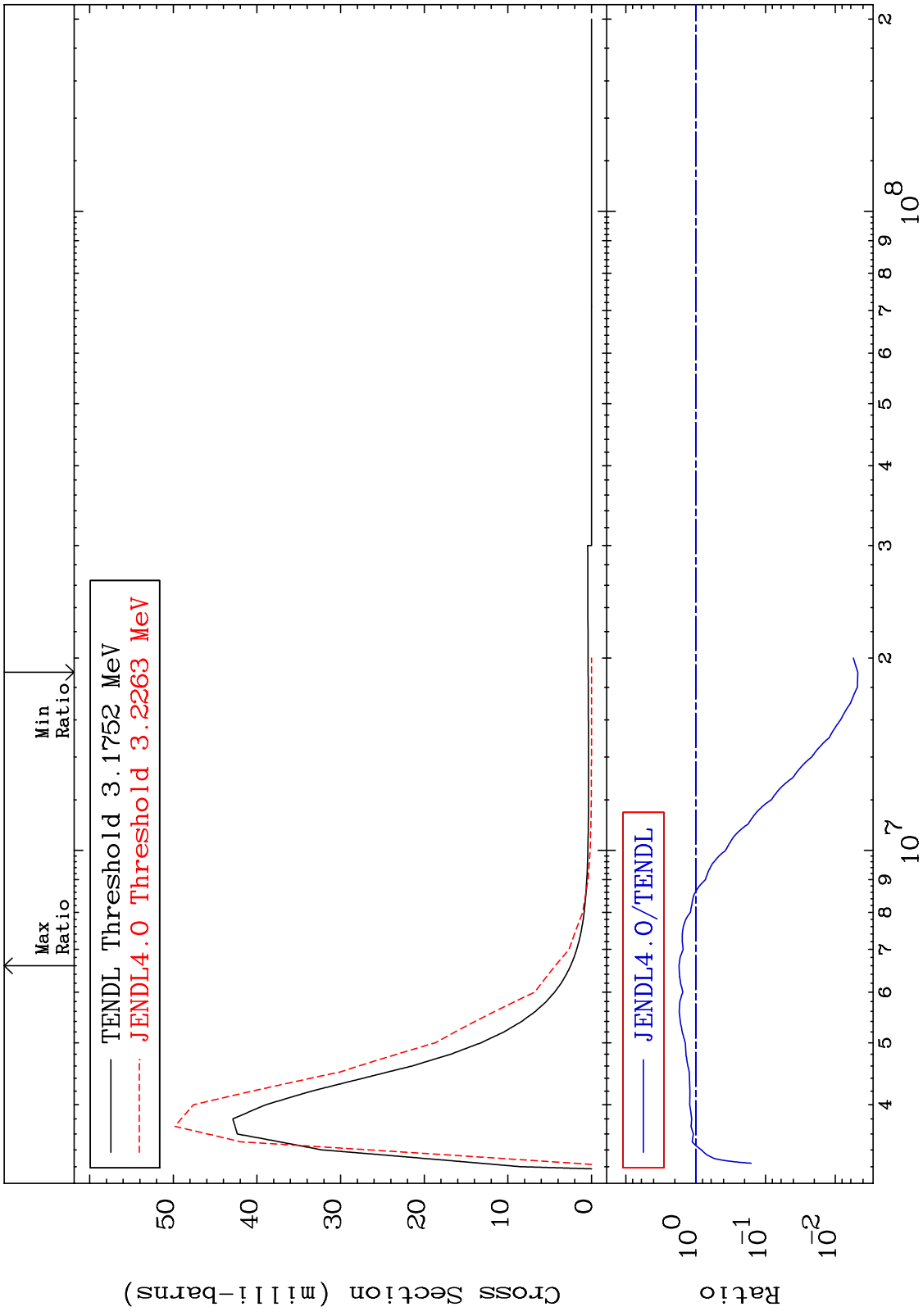
MAT 3225 MT= 64 (n,n') Level Cross Section 32-Ge-70
 -98.92 To 6.416 %



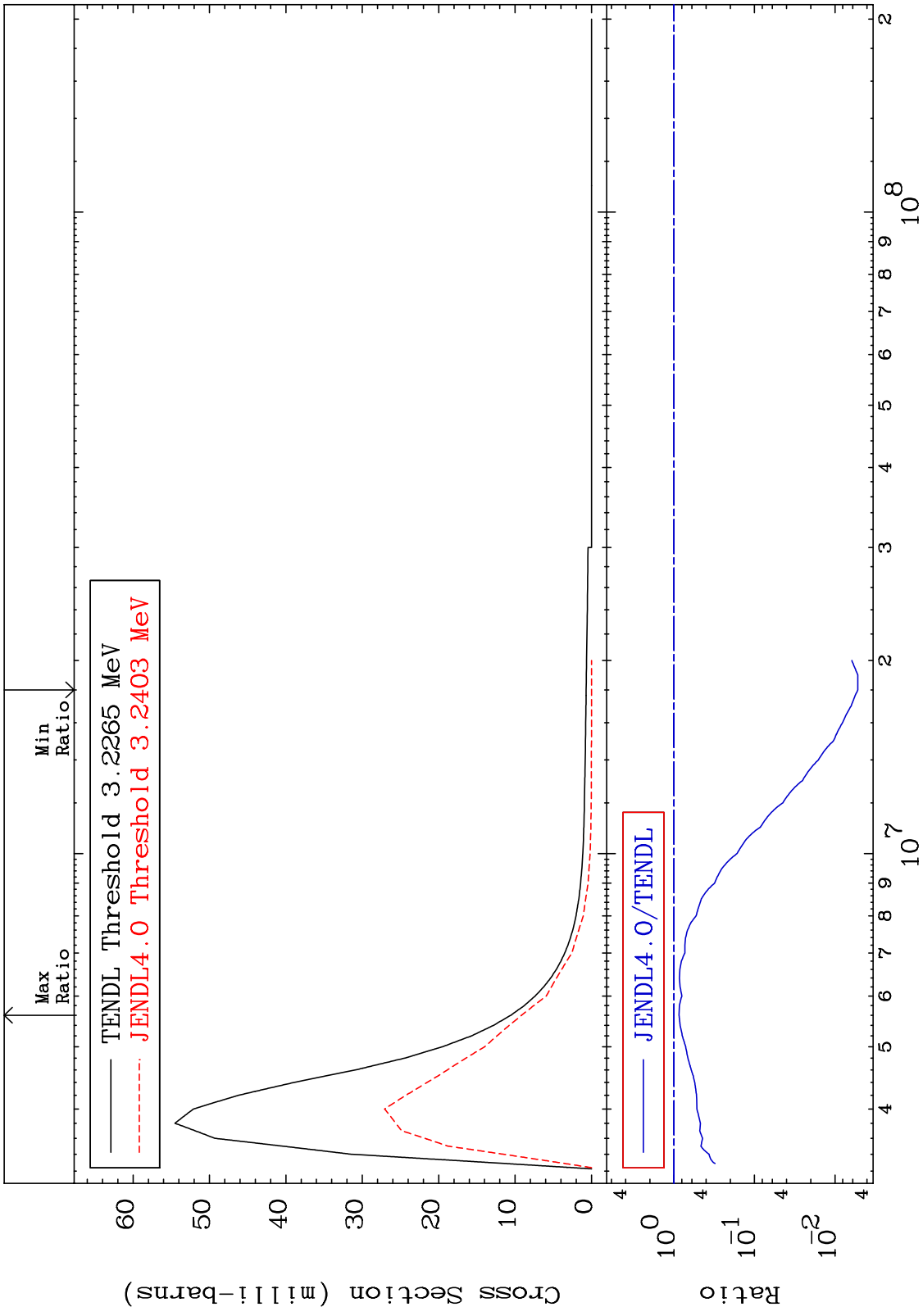
MAT 3225 MT= 65 (n,n') Level Cross Section 32-Ge-70
 -9.774 To 5864. %



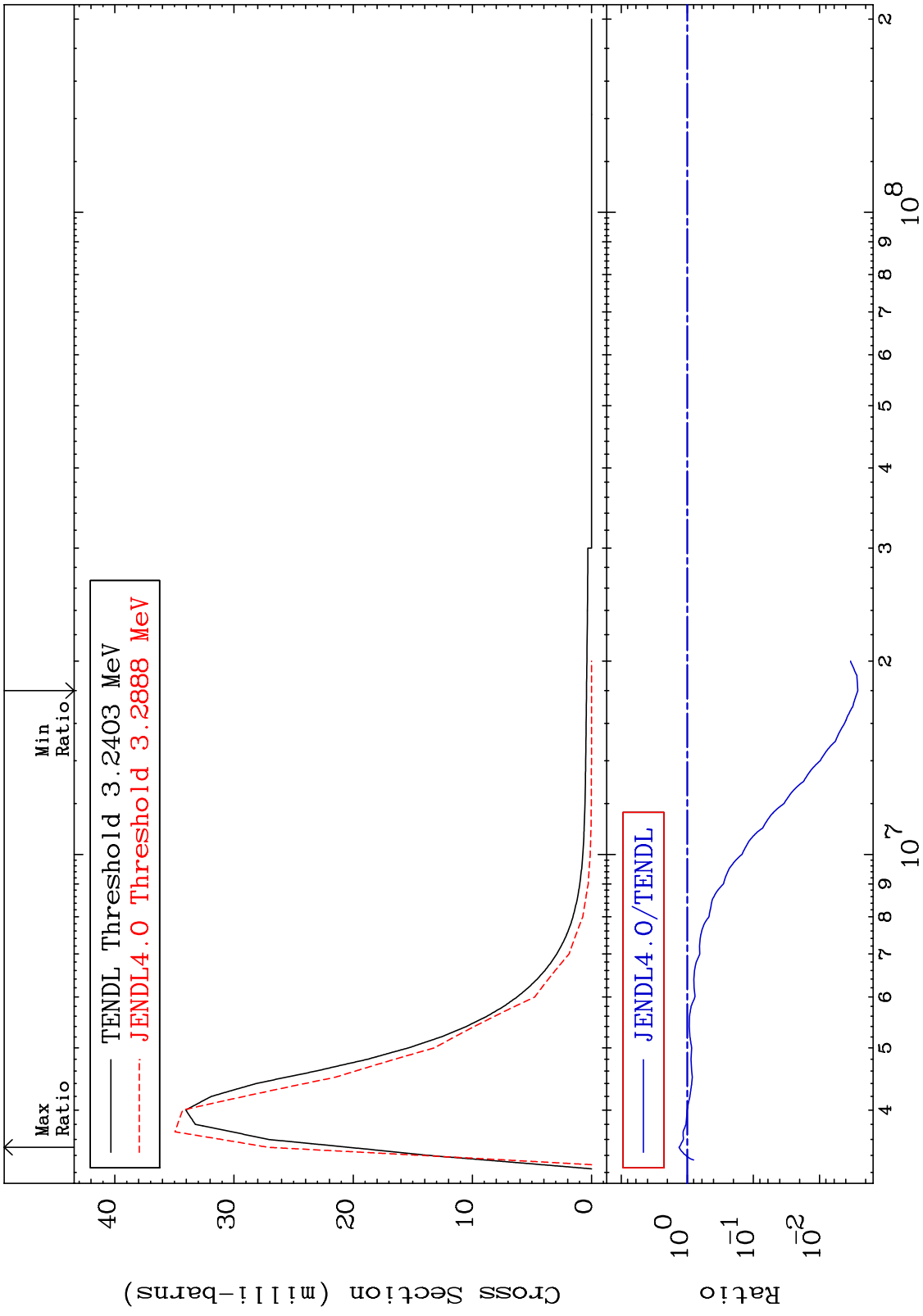
MAT 3225 MT= 66 (n,n') Level Cross Section 32-Ge-70 -99.53 To 73.45 %



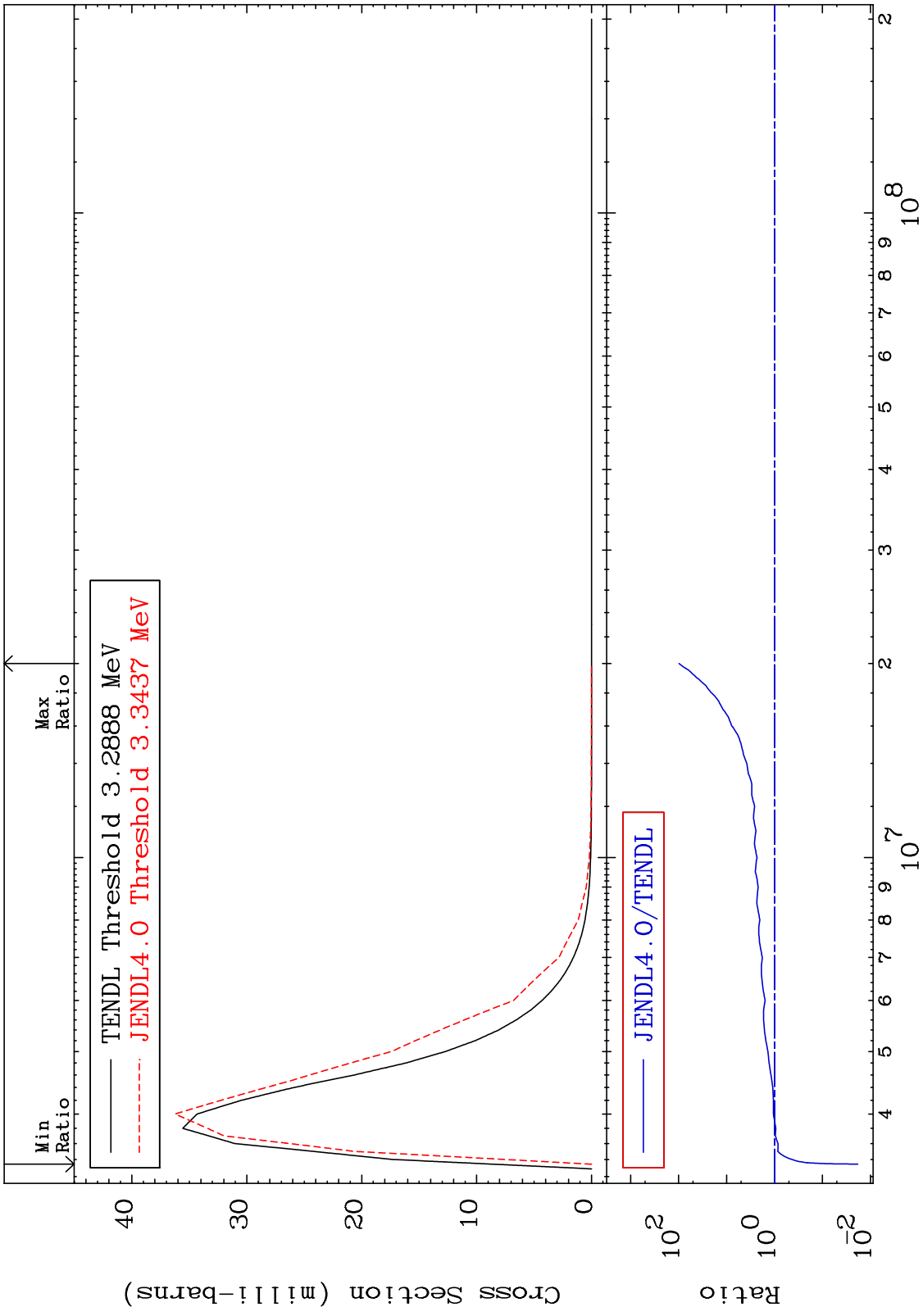
MAT 3225 MT= 67 (n,n') Level Cross Section 32-Ge-70
 -99.48 To -13.35%



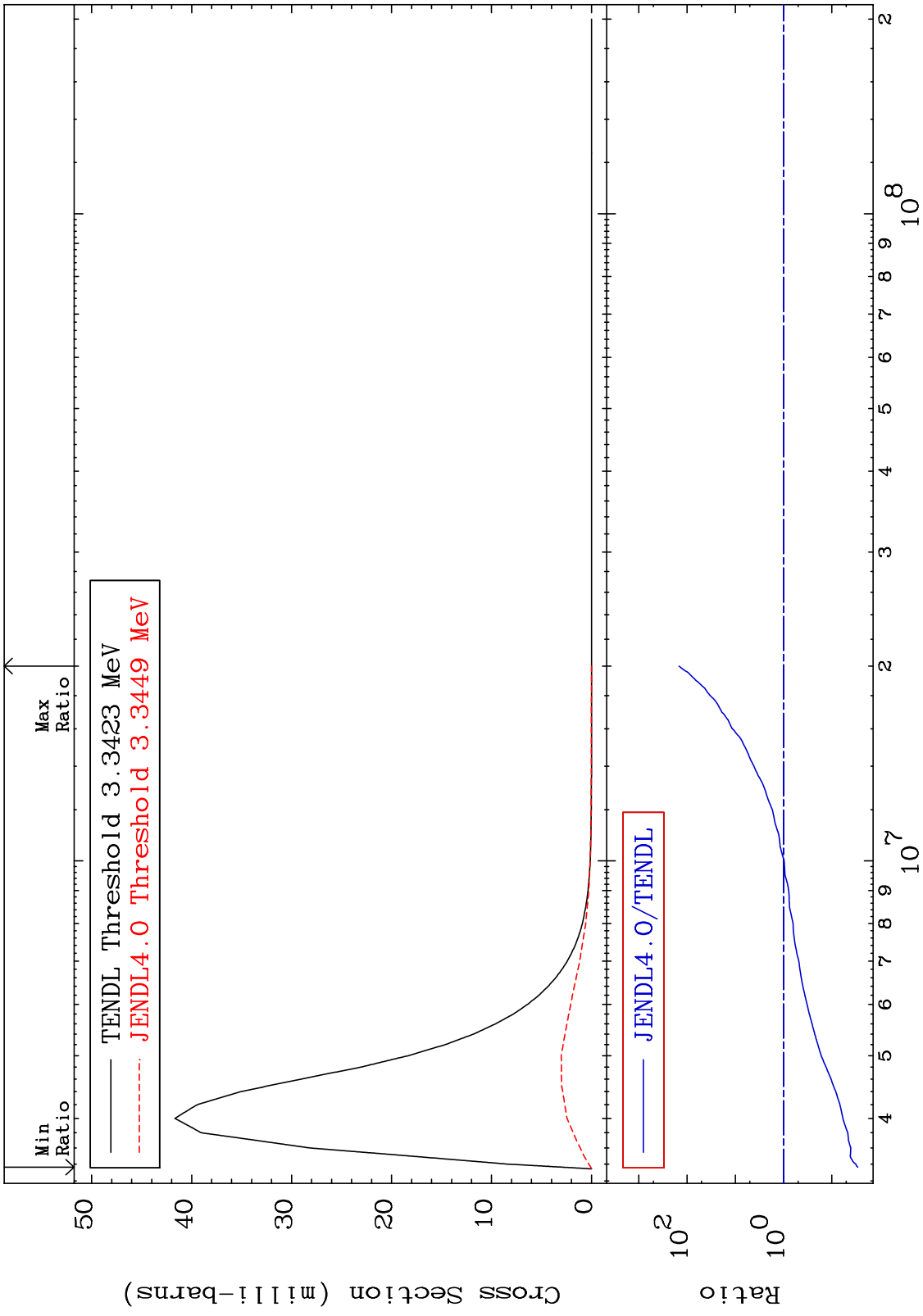
MAT 3225 MT= 68 (n,n') Level Cross Section 32-Ge-70
 -99.74 To 33.16 %



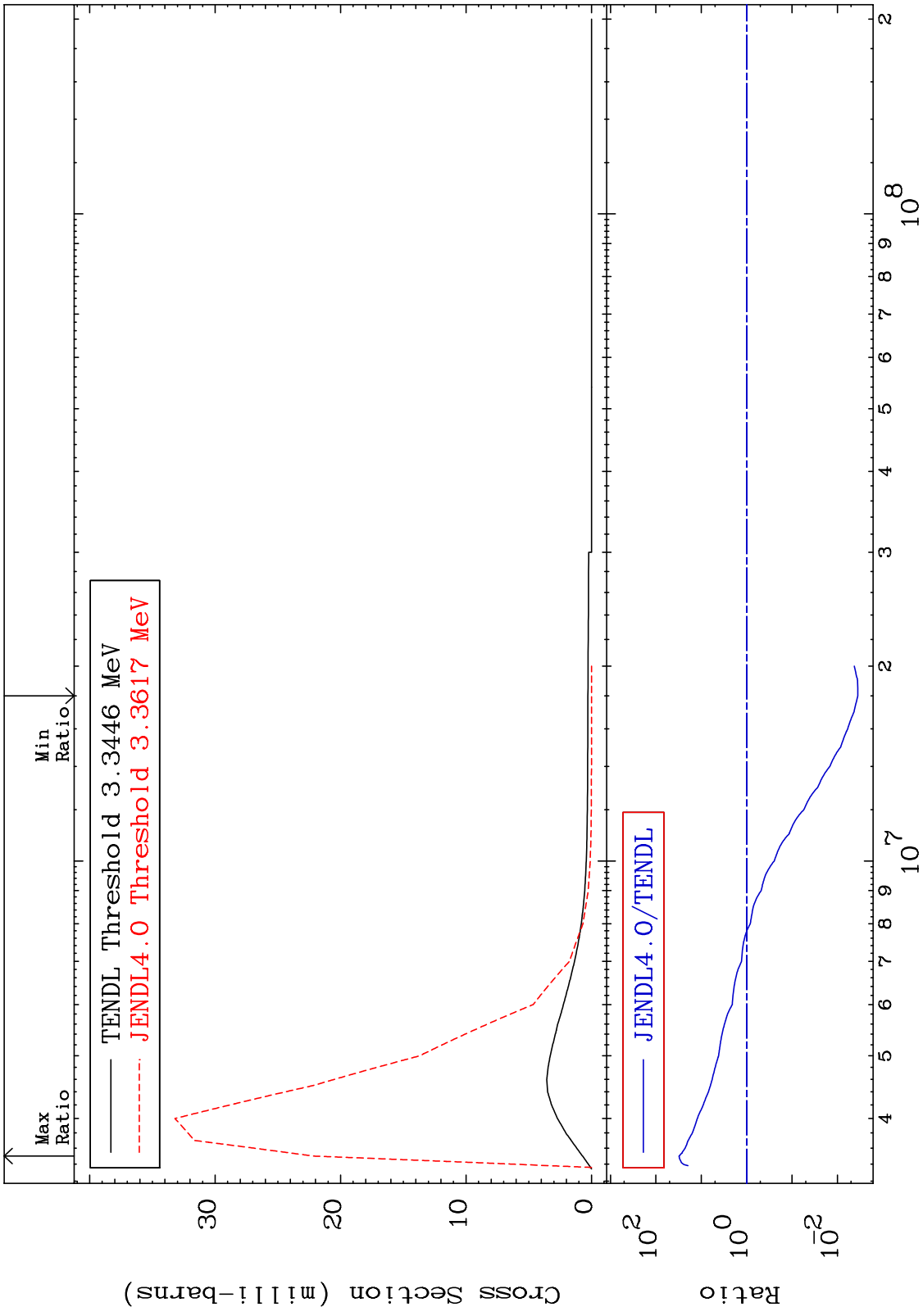
MAT 3225 MT= 69 (n,n') Level Cross Section 32-Ge-70 -98.17 To 9702. %



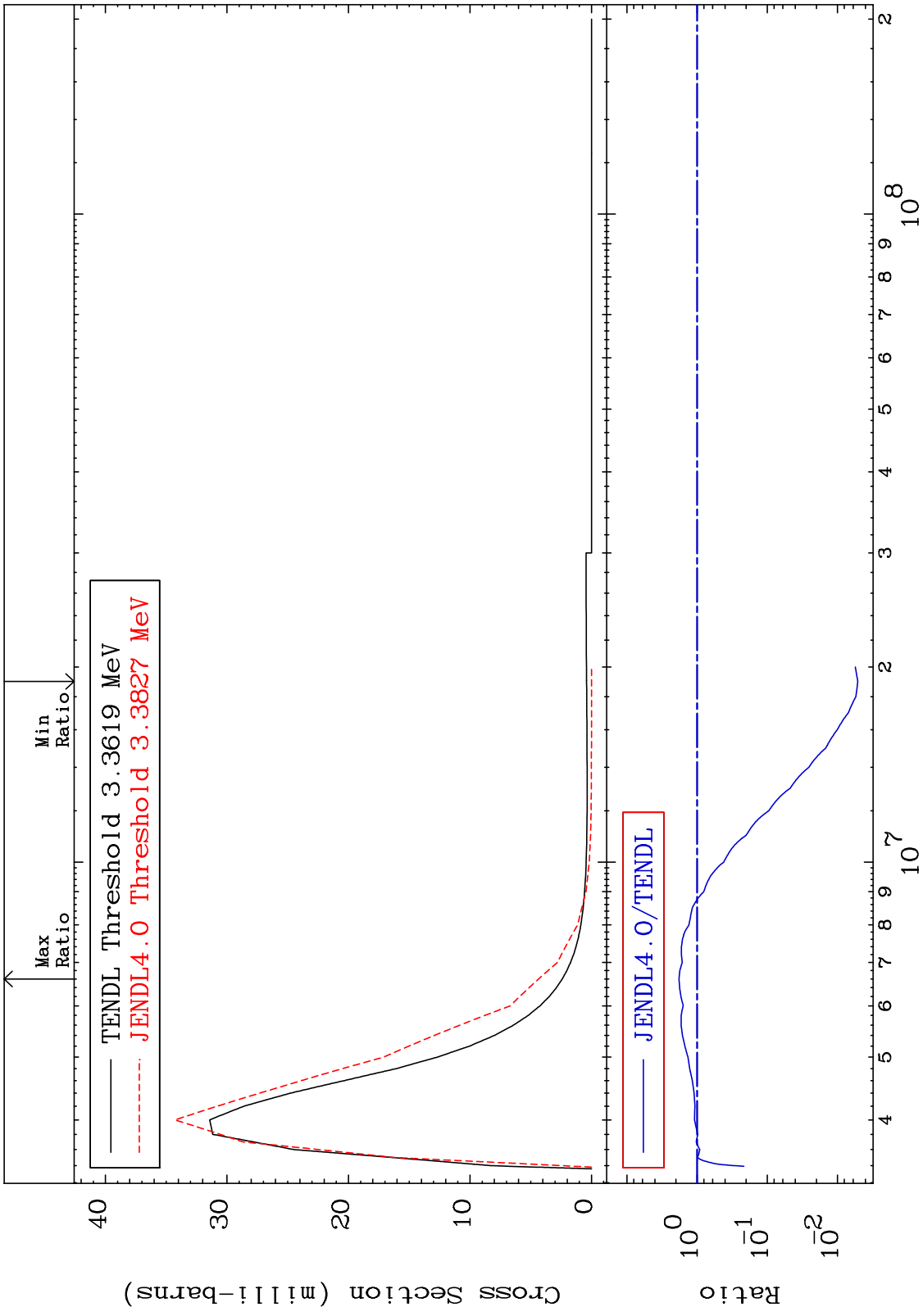
MAT 3225 MT= 70 (n,n') Level Cross Section 32-Ge-70
 -97.12 To 9999. %



MAT 3225 MT= 71 (n,n') Level Cross Section 32-Ge-70
 -99.64 To 2991. %



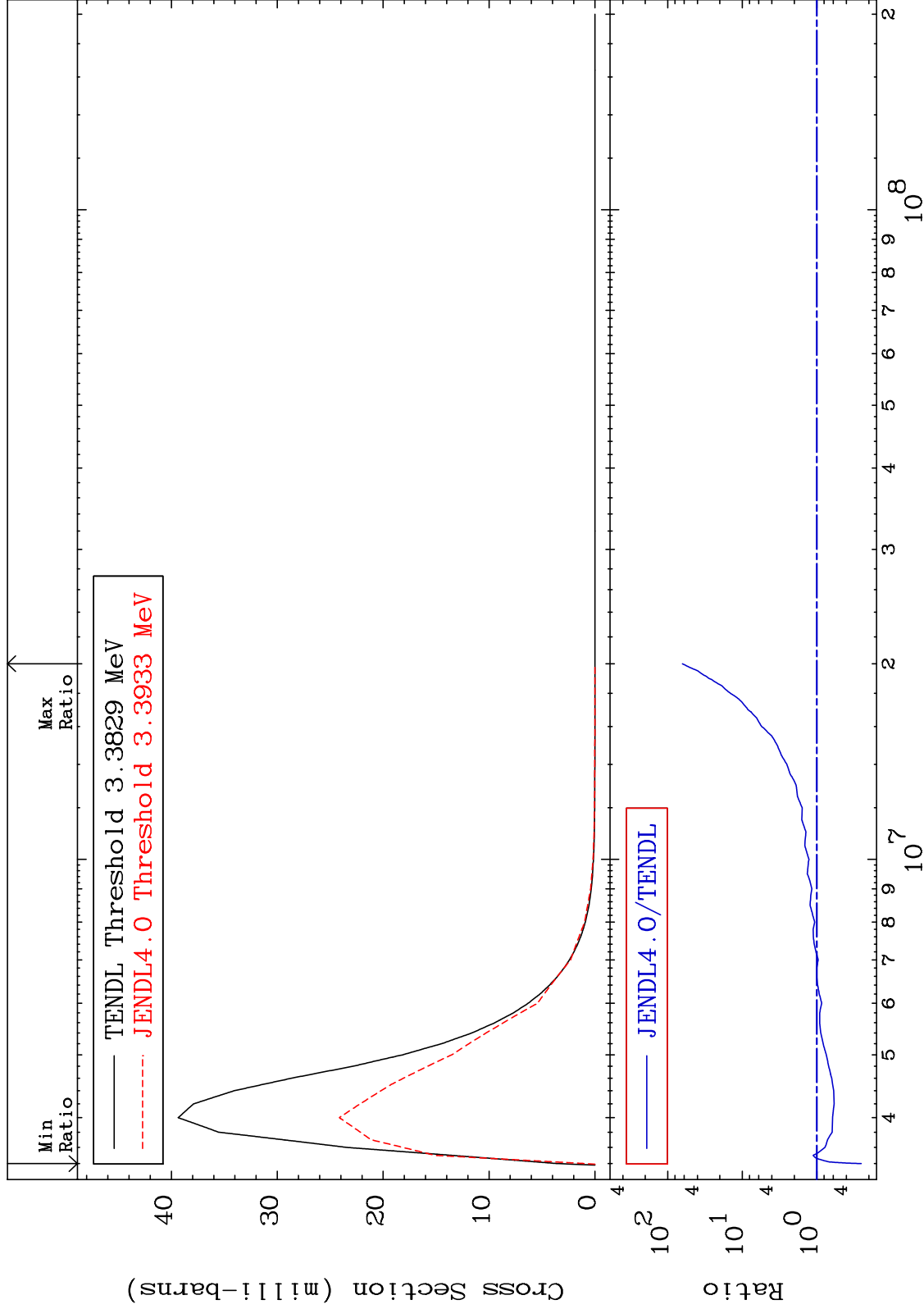
MAT 3225 MT= 72 (n,n') Level Cross Section 32-Ge-70
 -99.49 To 80.83 %



MAT 3225

MT= 73 (n,n') Level
Cross Section

32-Ge-70
-74.73 To 6241. %

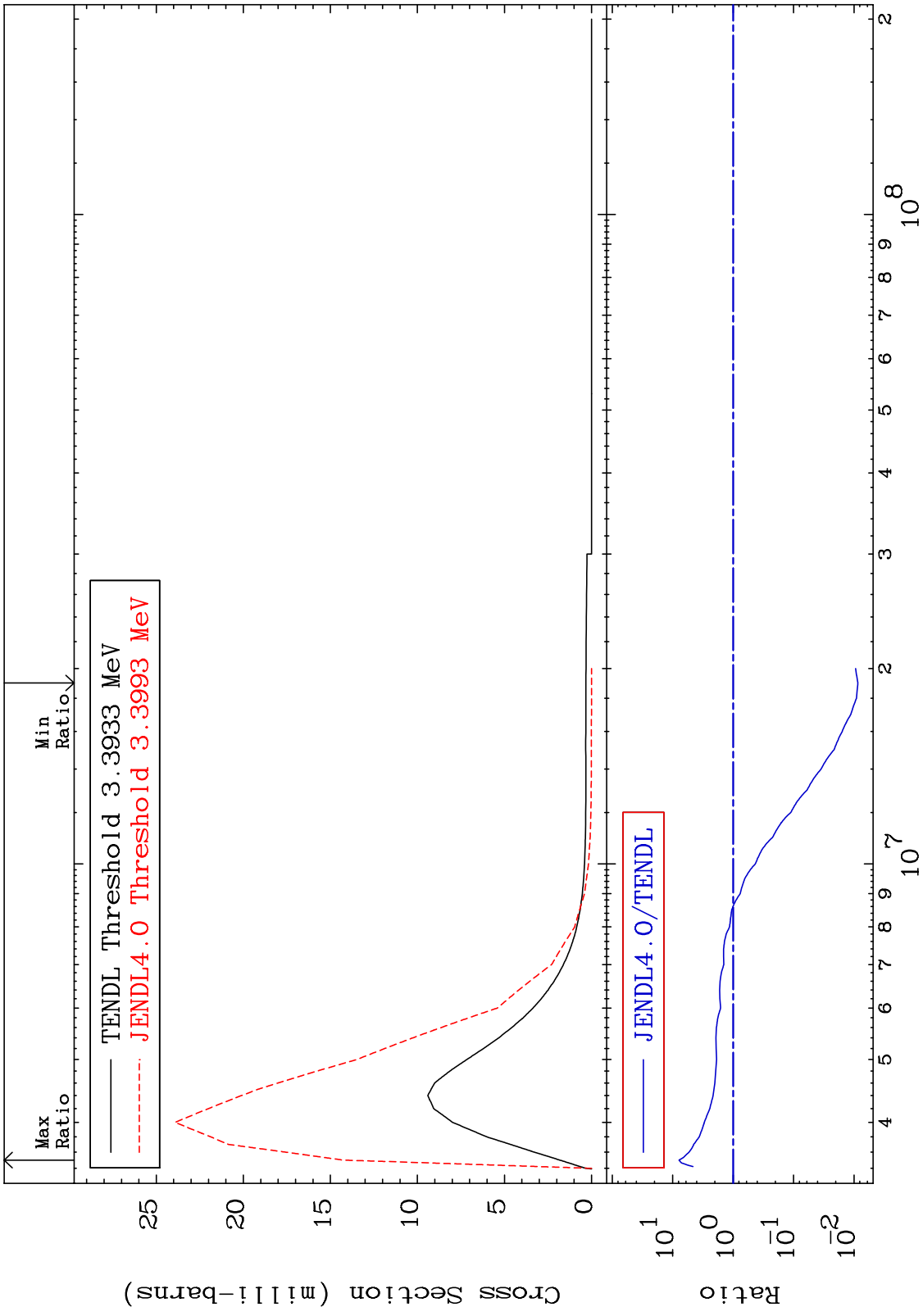


30

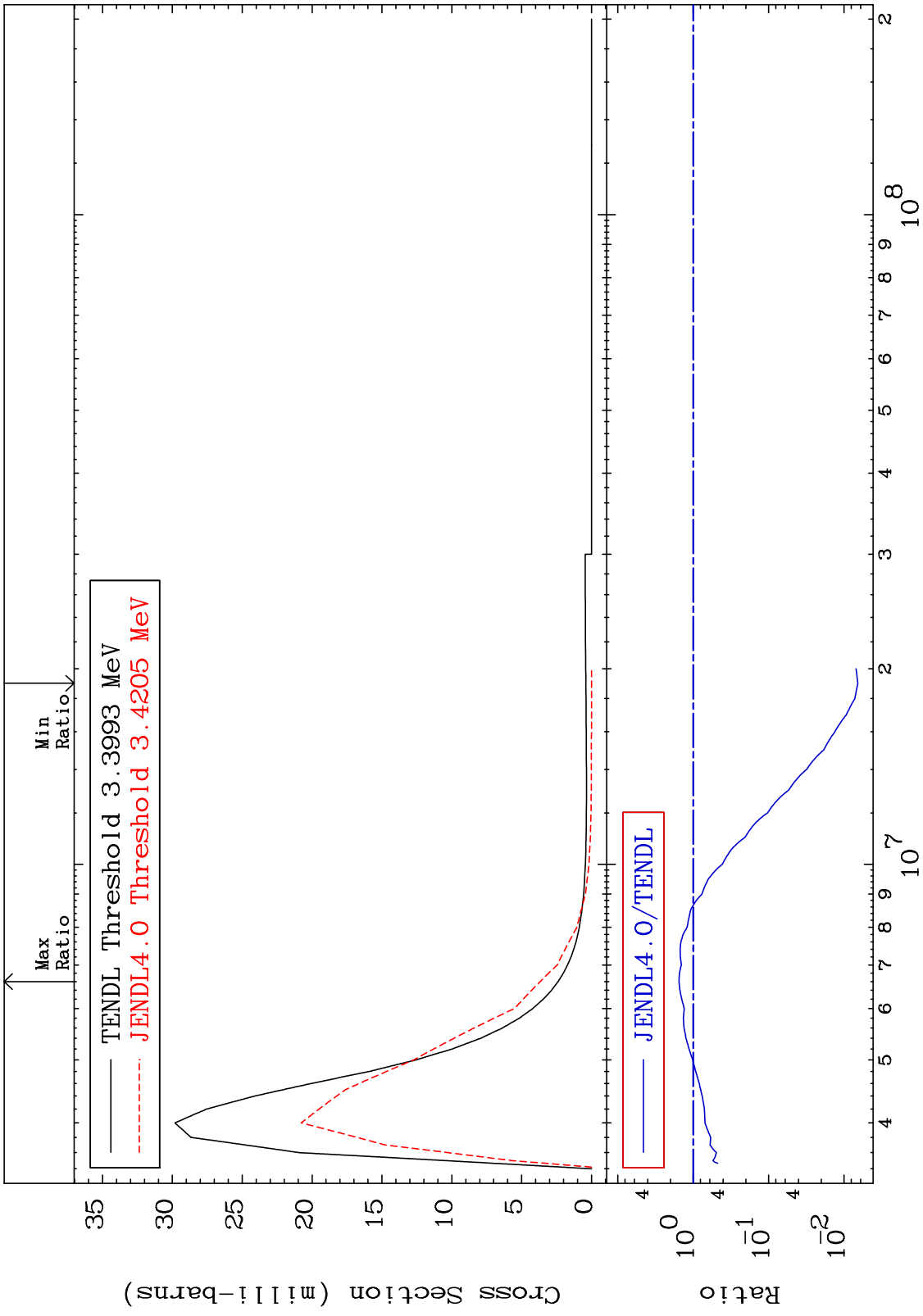
Incident Energy (eV)

32-Ge-70

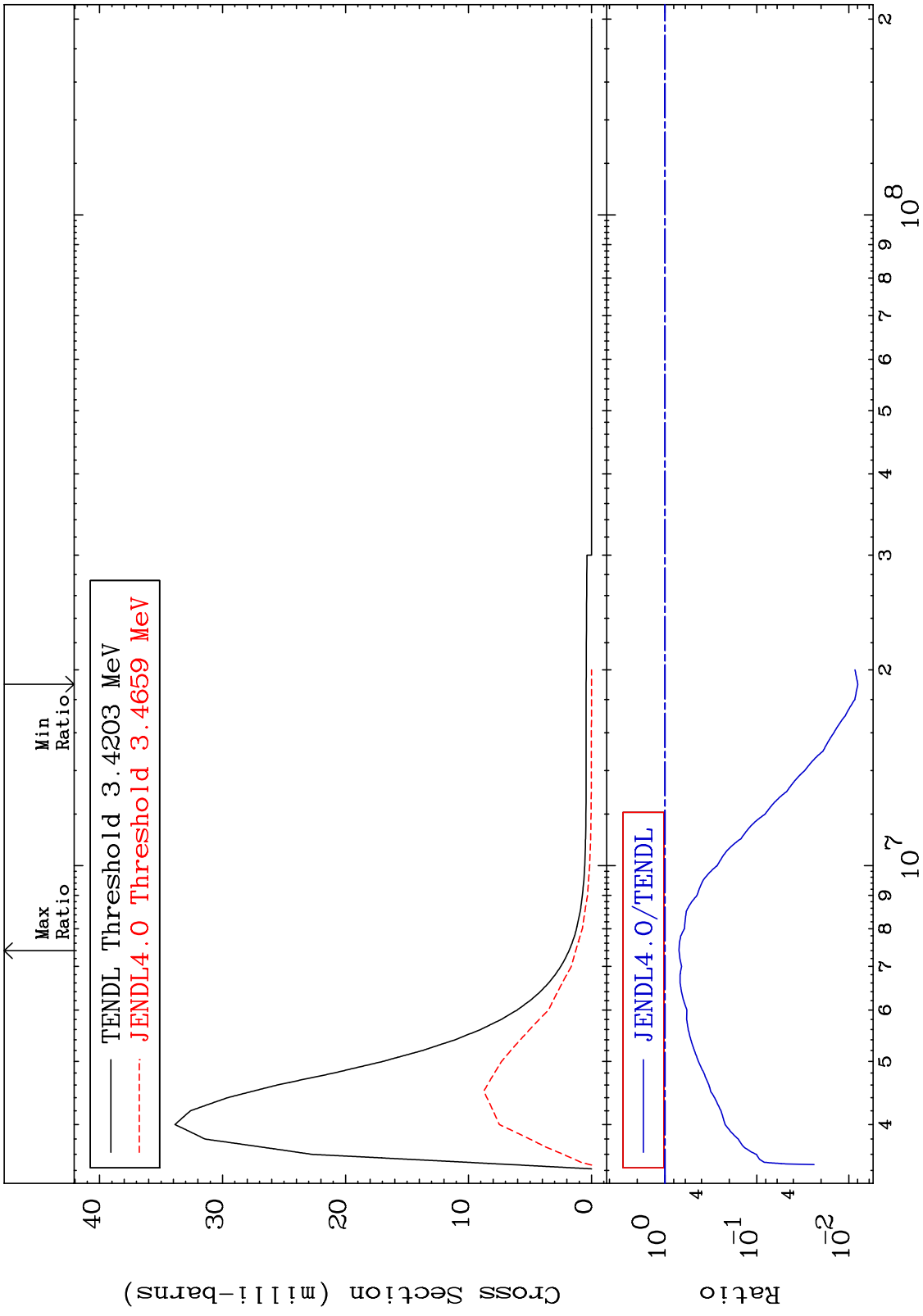
MAT 3225 MT= 74 (n,n') Level Cross Section 32-Ge-70
 -99.14 To 684.1 %



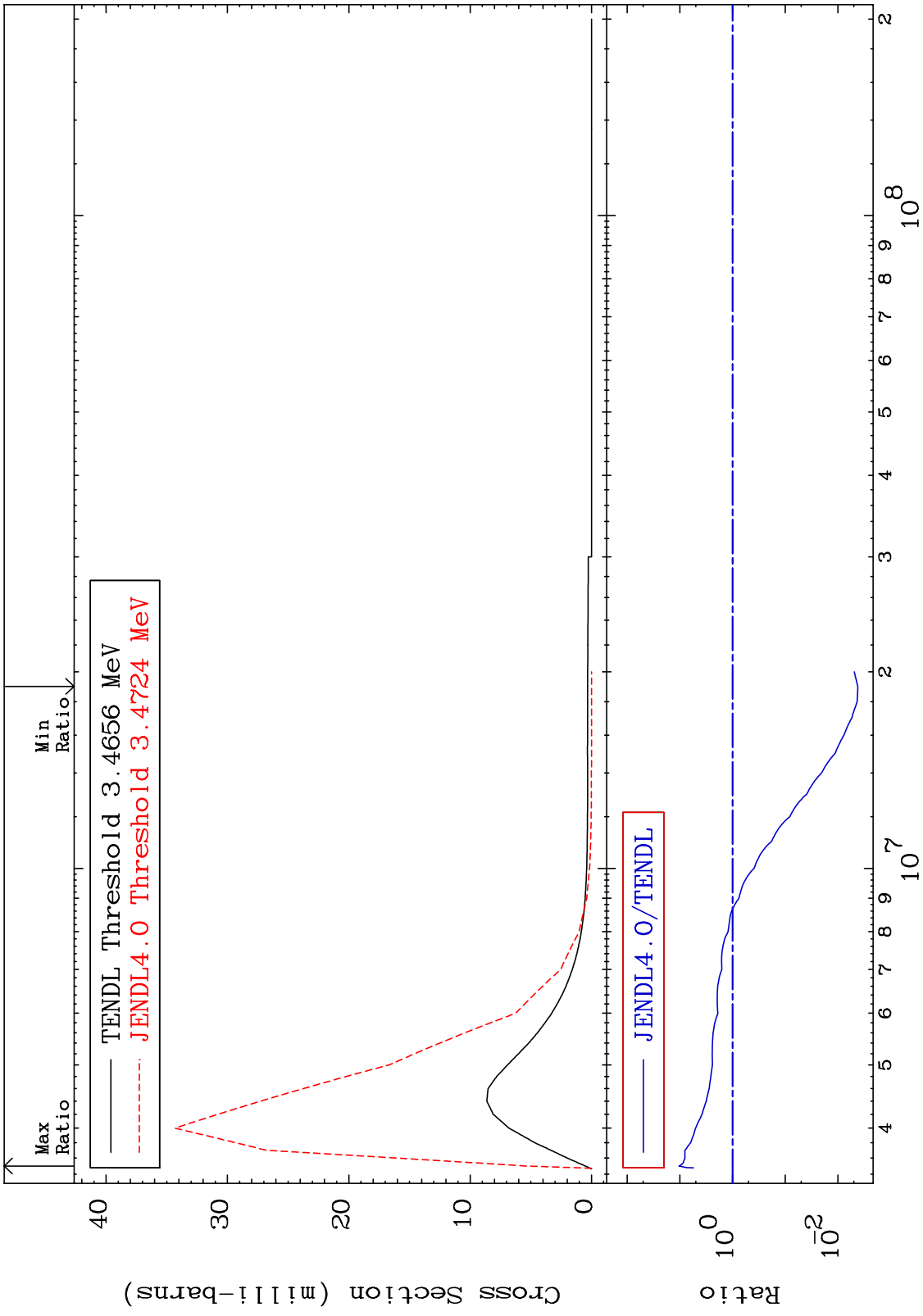
MAT 3225 MT= 75 (n,n') Level Cross Section 32-Ge-70
 -99.35 To 53.71 %



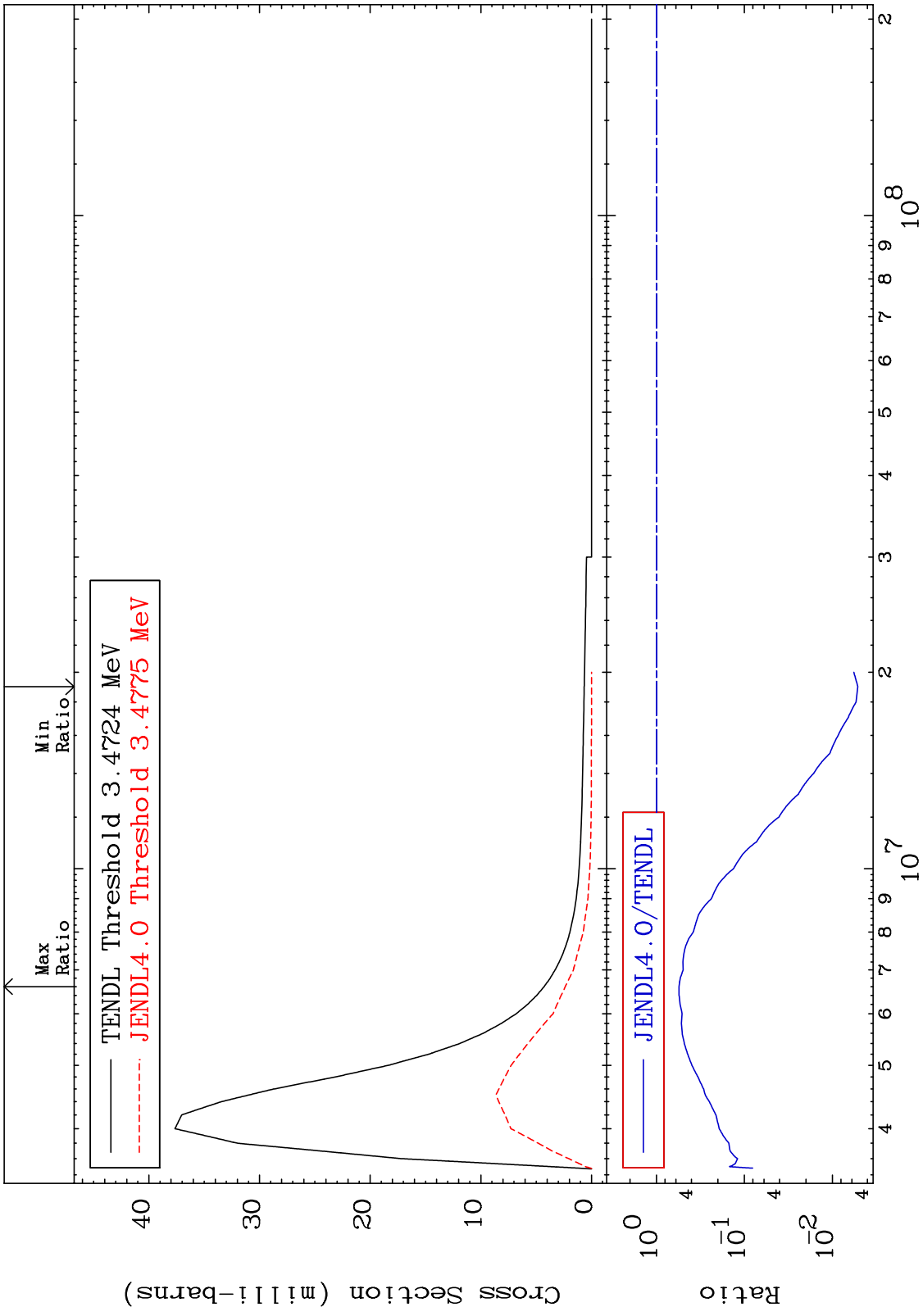
MAT 3225 MT= 76 (n,n') Level Cross Section 32-Ge-70
 -99.20 To -29.85%



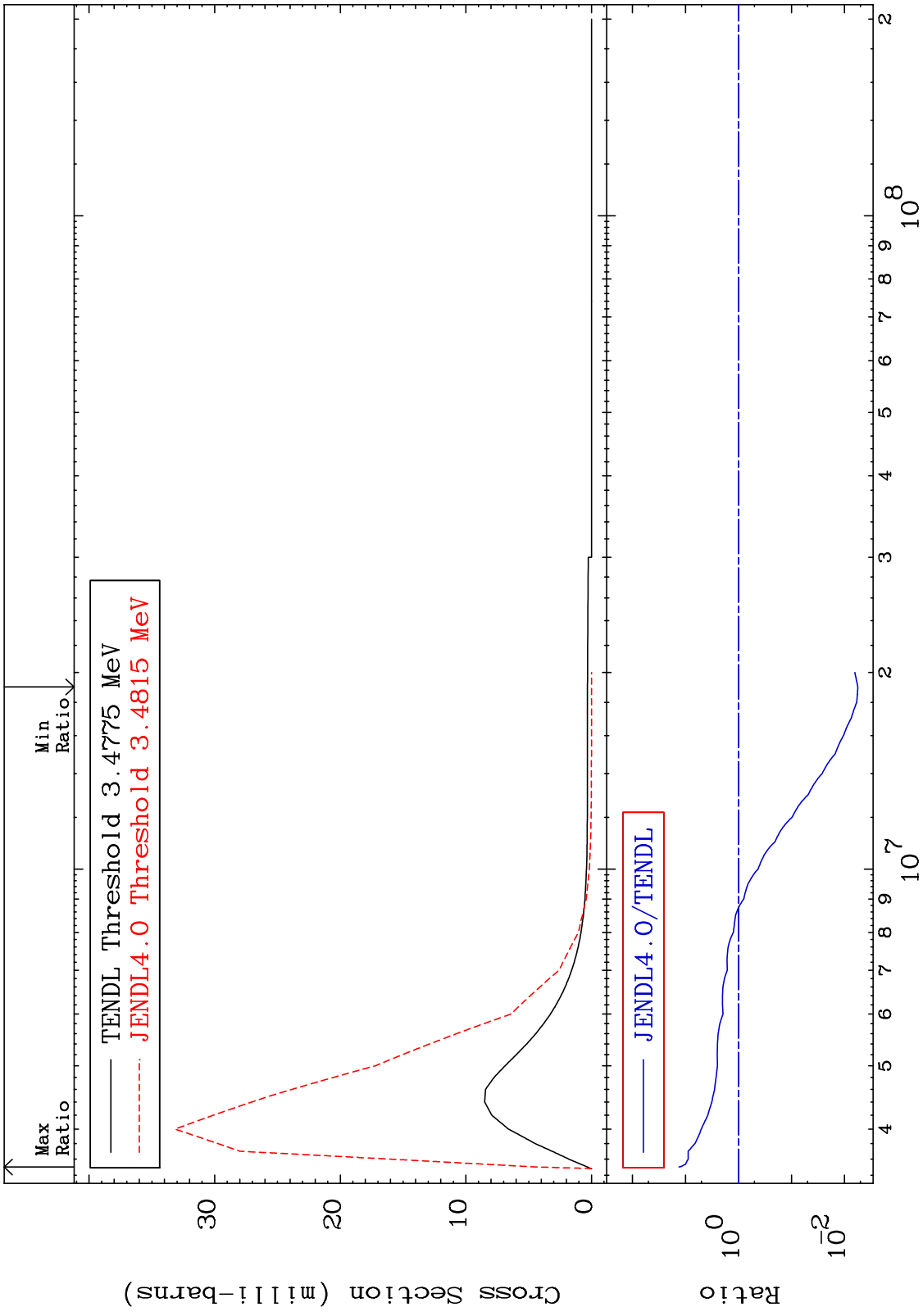
MAT 3225 MT= 77 (n,n') Level Cross Section 32-Ge-70
 -99.58 To 936.4 %



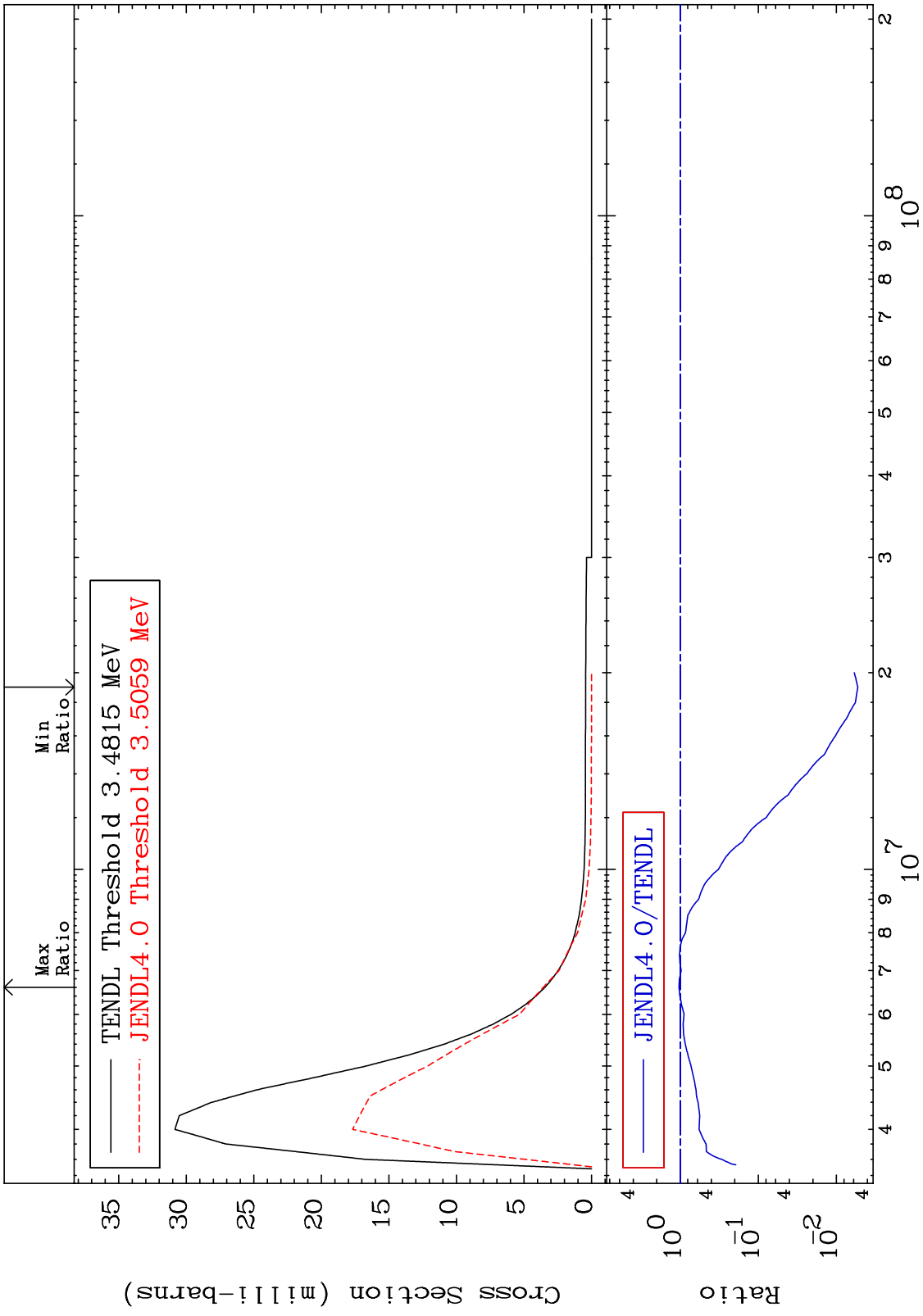
MAT 3225 MT= 78 (n,n') Level Cross Section 32-Ge-70
 -99.49 To -44.57%



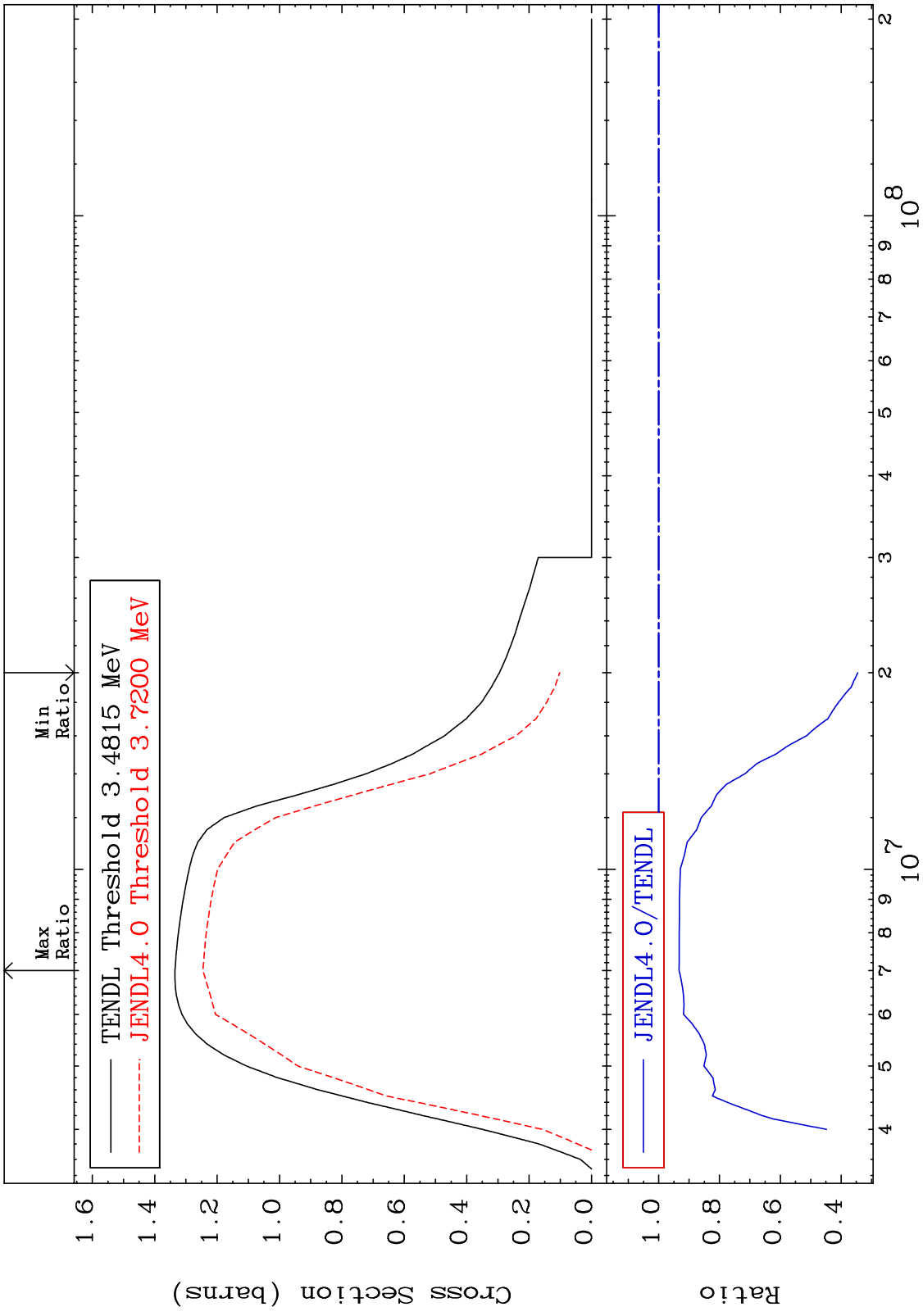
MAT 3225 MT= 79 (n,n') Level Cross Section 32-Ge-70
 -99.44 To 1221. %



MAT 3225 MT= 80 (n,n') Level Cross Section 32-Ge-70
 -99.47 To 3.611 %



MAT 3225 (n, n') Continuum Cross Section 32-Ge-70 -65.50 To -6.692%



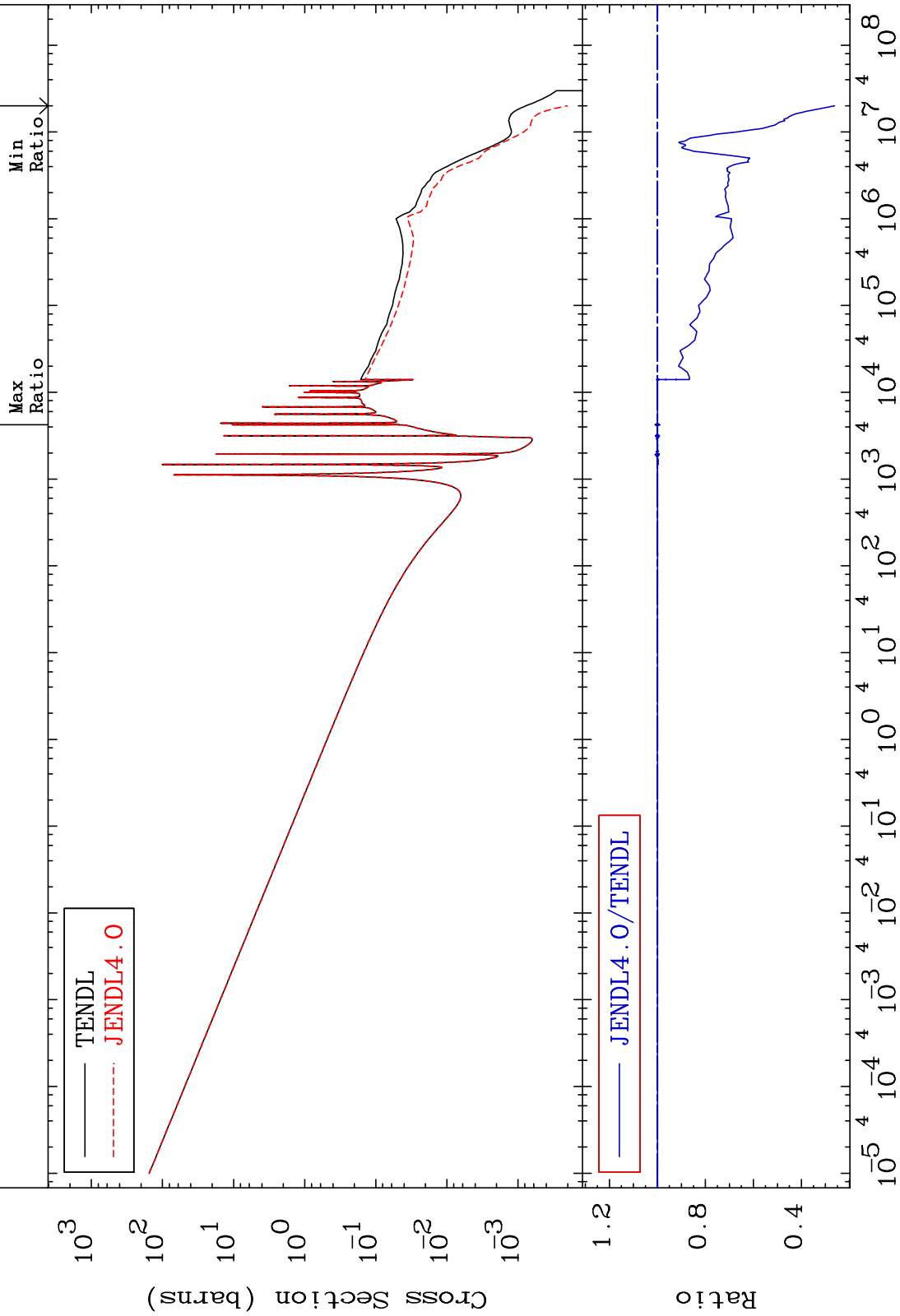
MAT 3225

(n, γ)

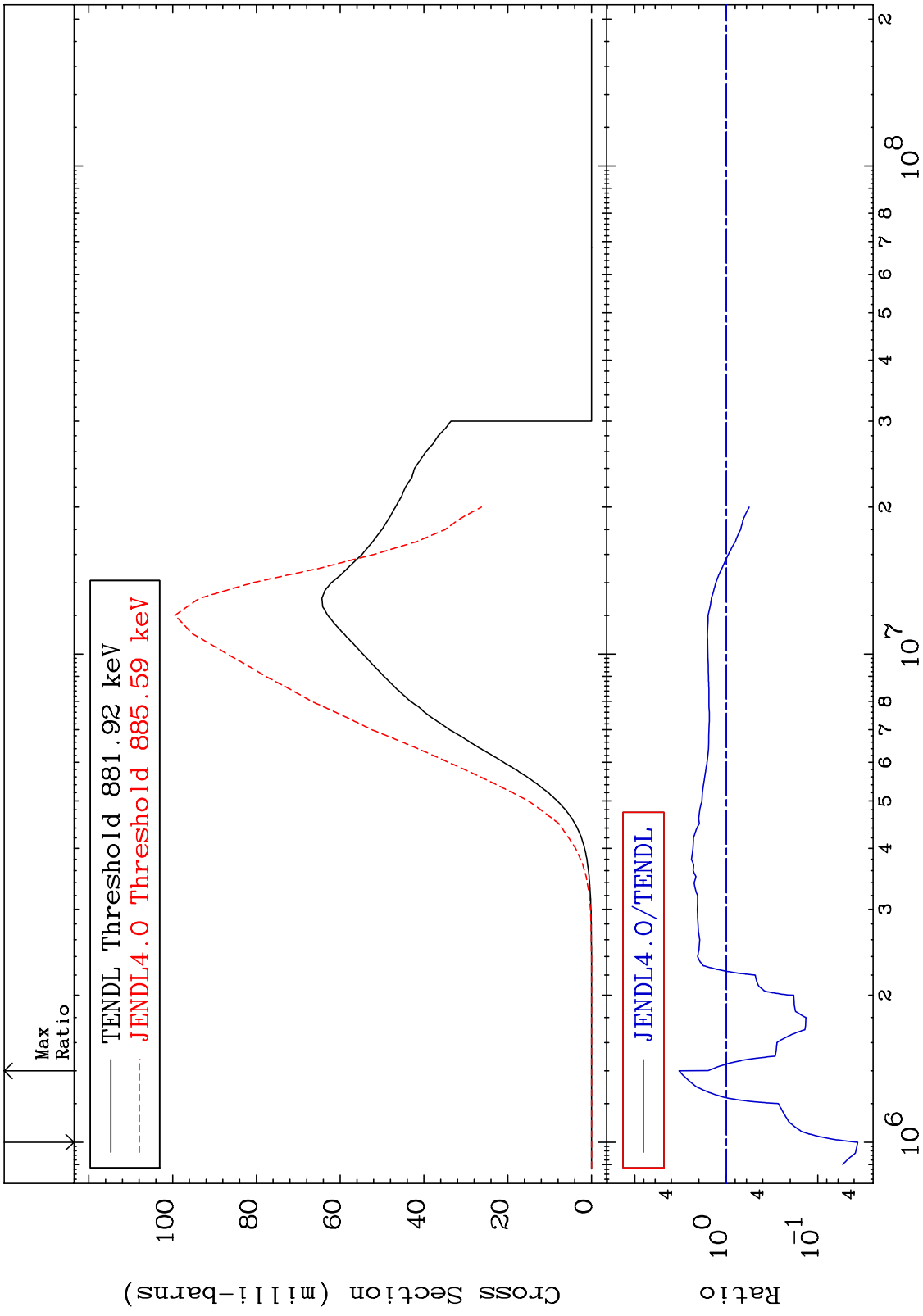
32-Ge-70

Cross Section

-73.83 To 0.939 %

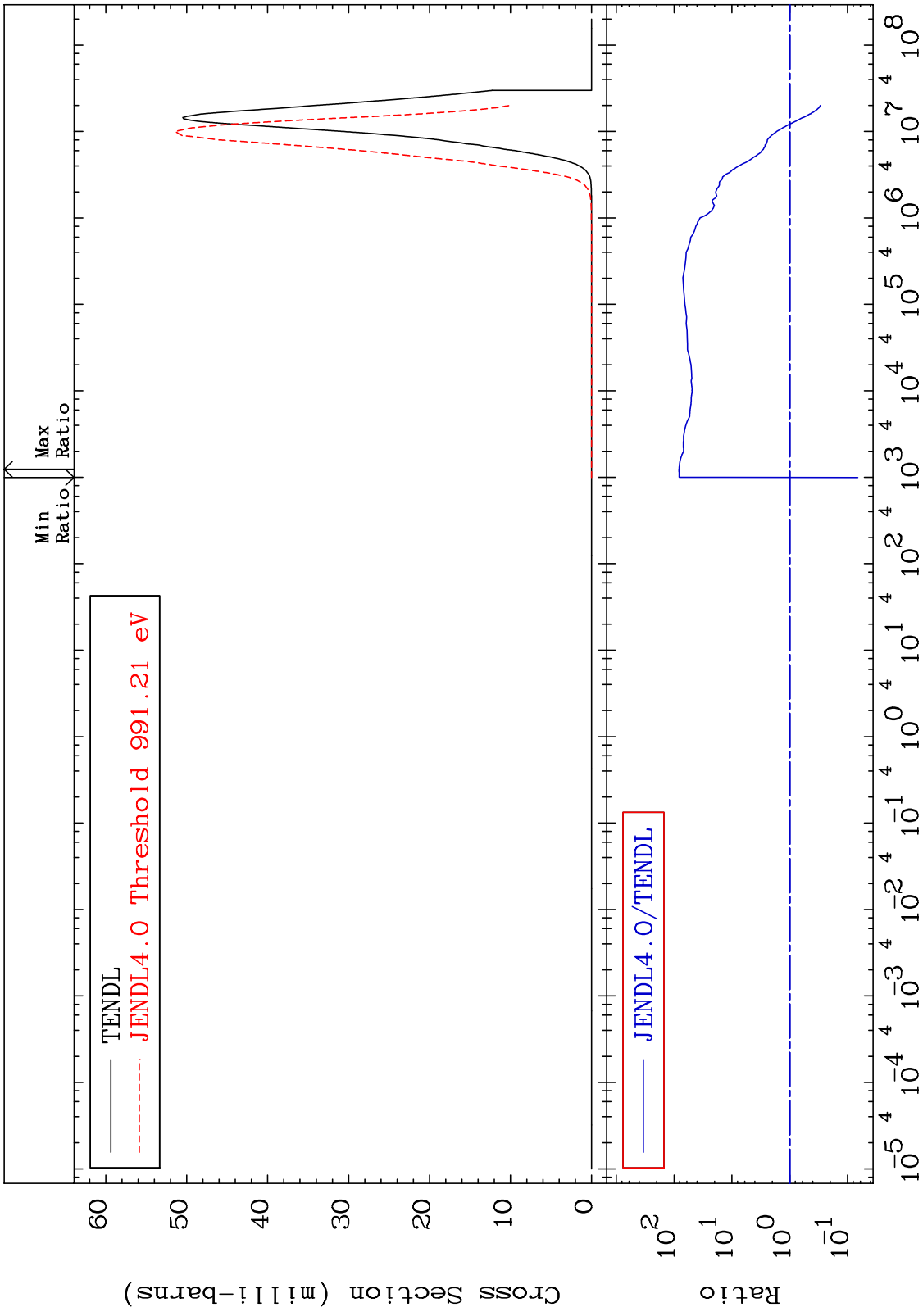


MAT 3225 (n,p) Cross Section 32-Ge-70 -96.35 To 228.7 %

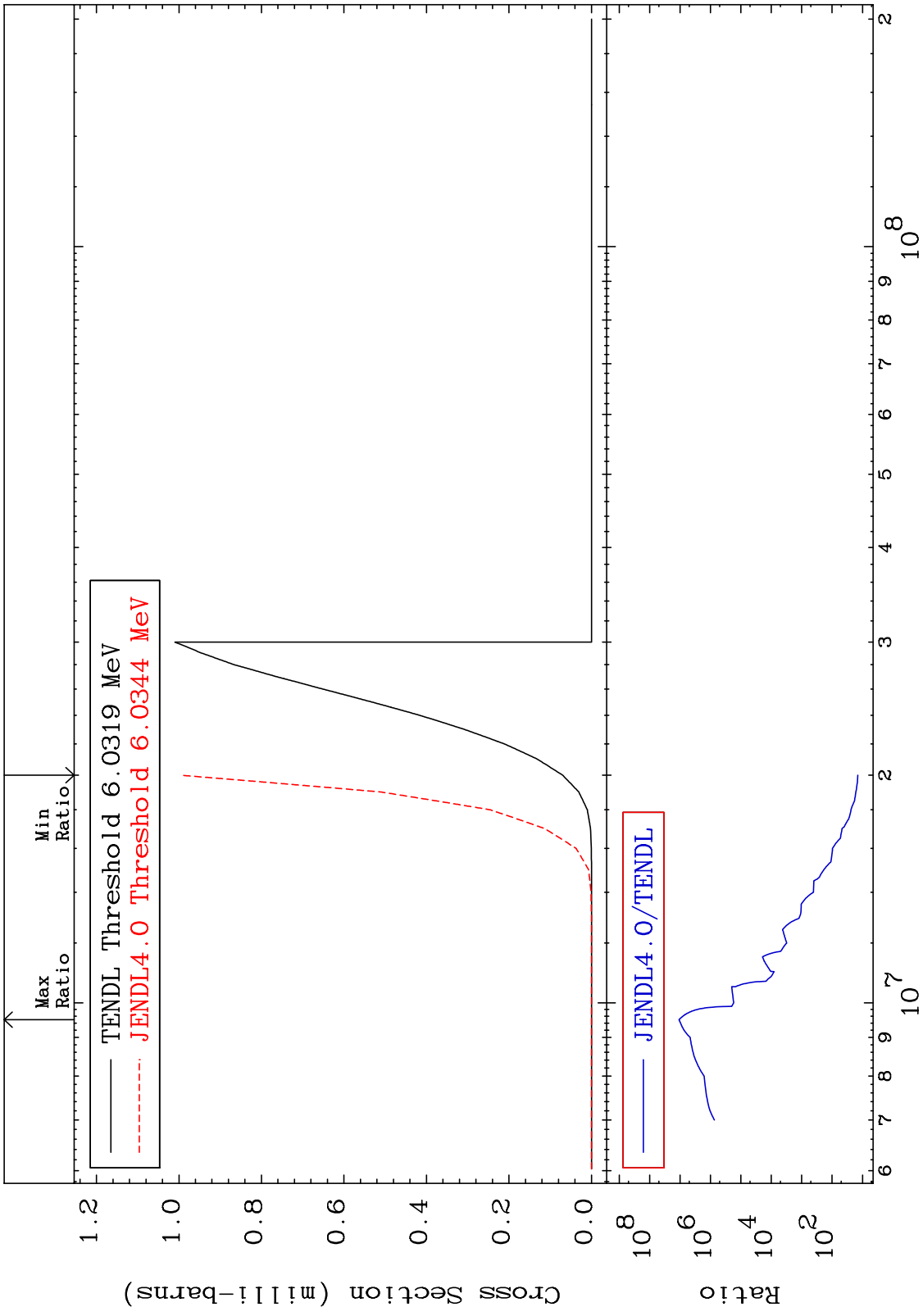


32-Ge-70

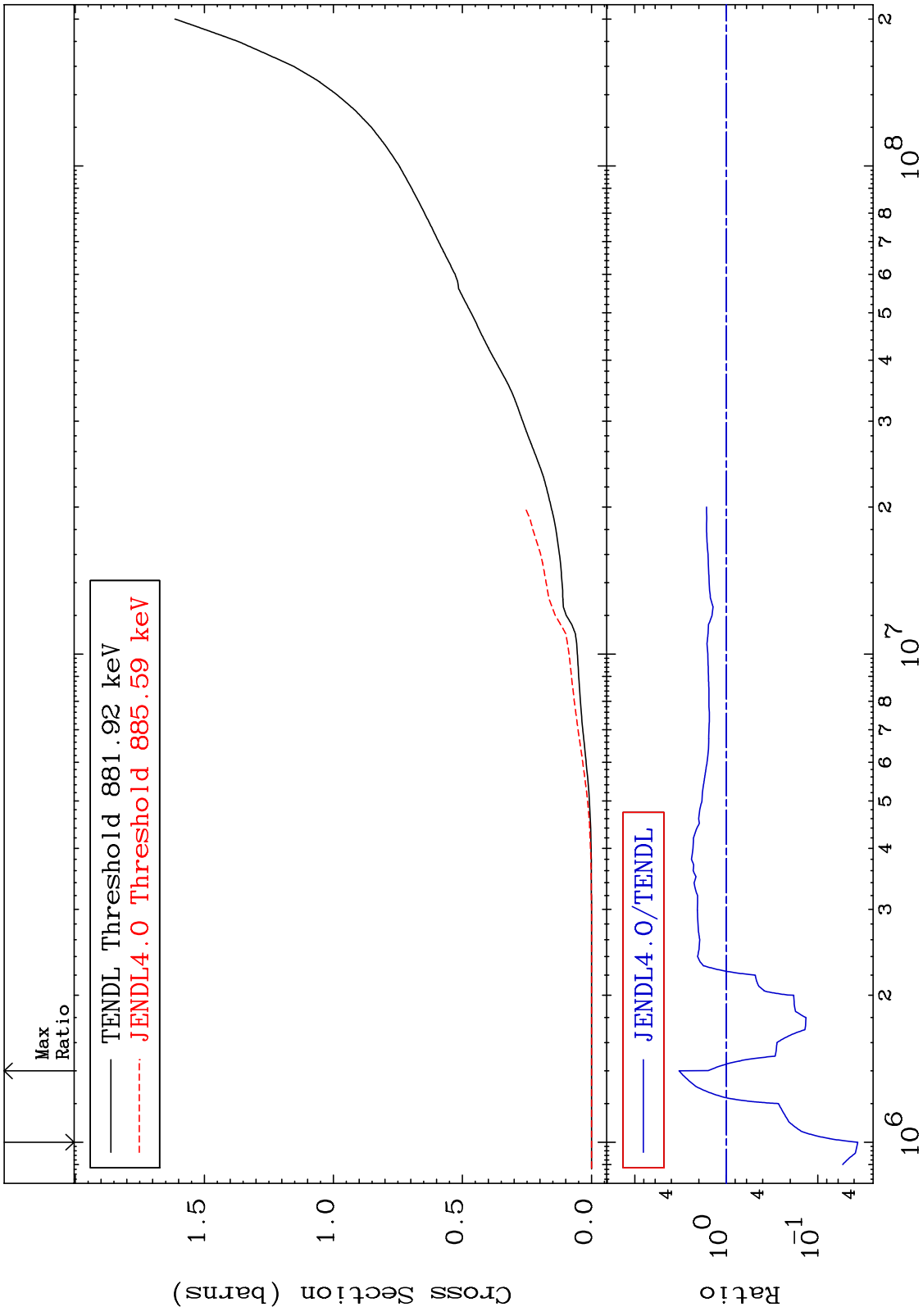
MAT 3225 (n, α) Cross Section 32-Ge-70
 -93.36 To 8108. %



MAT 3225 (n,p) α 32-Ge-70
 Cross Section 1323. To 9999. %



MAT 3225 Hydrogen Production Cross Section 32-Ge-70
 -96.35 To 228.7 %

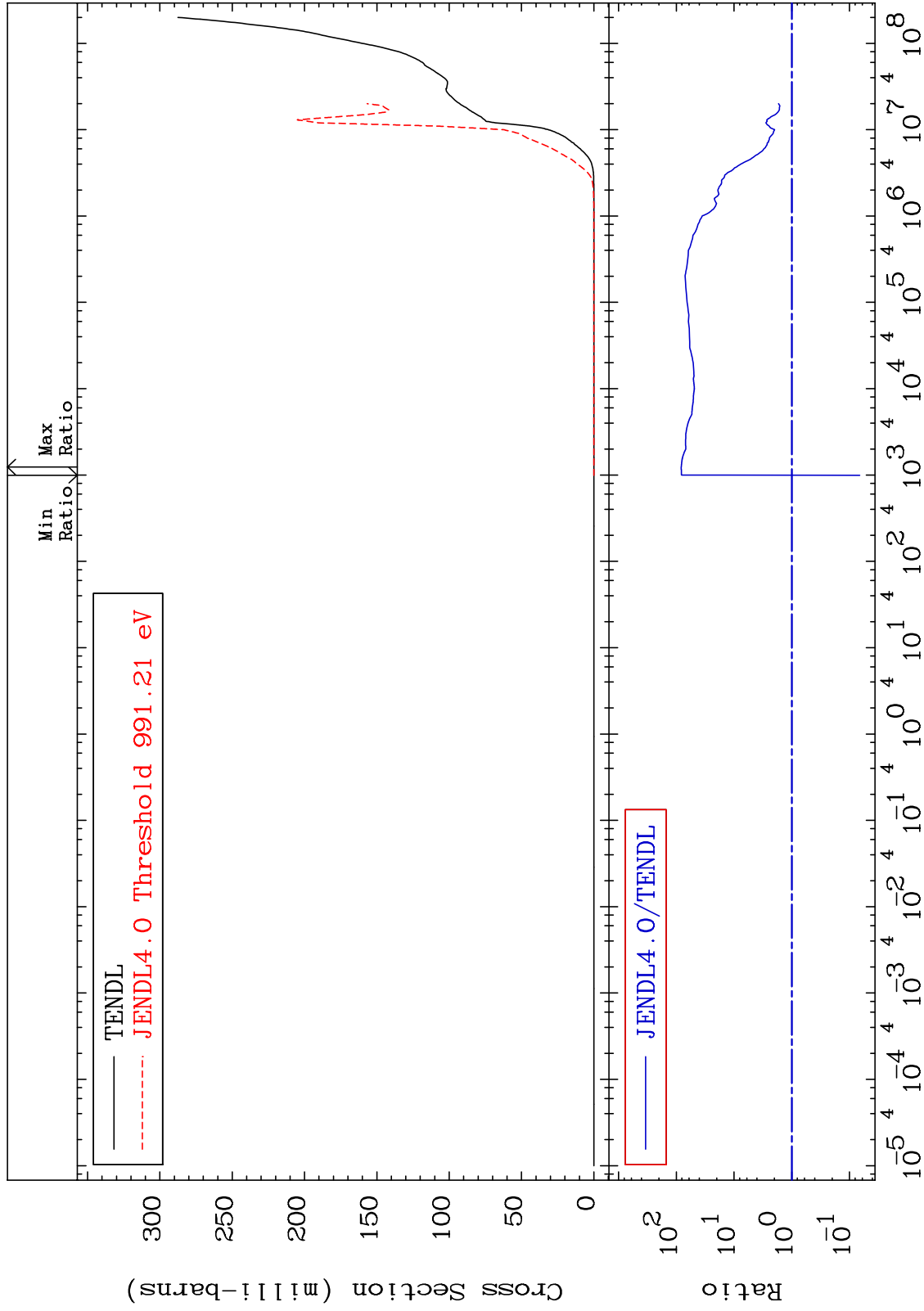


43 32-Ge-70

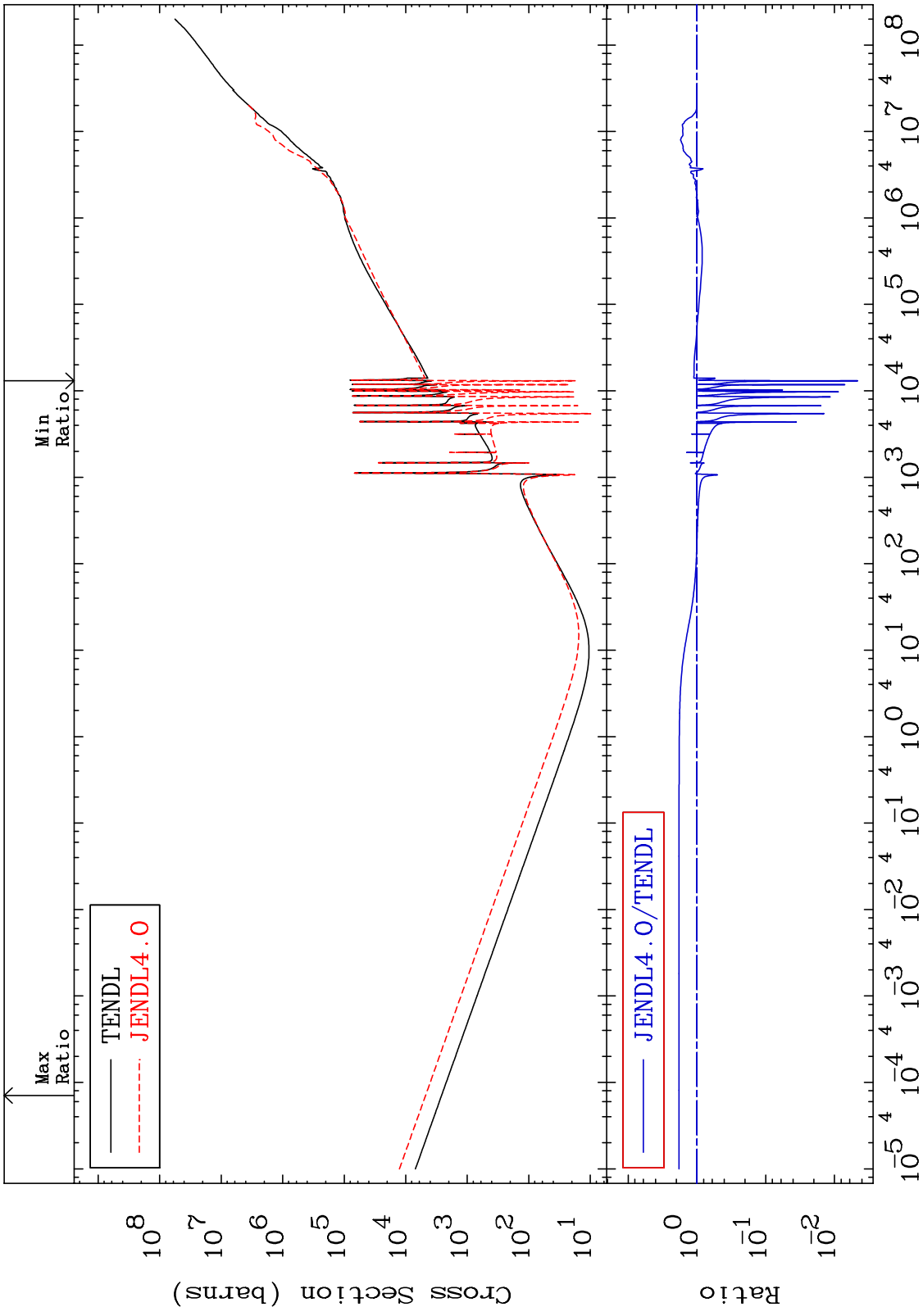
MAT 3225

He-4 Production
Cross Section

32-Ge-70
-93.36 To 8108. %



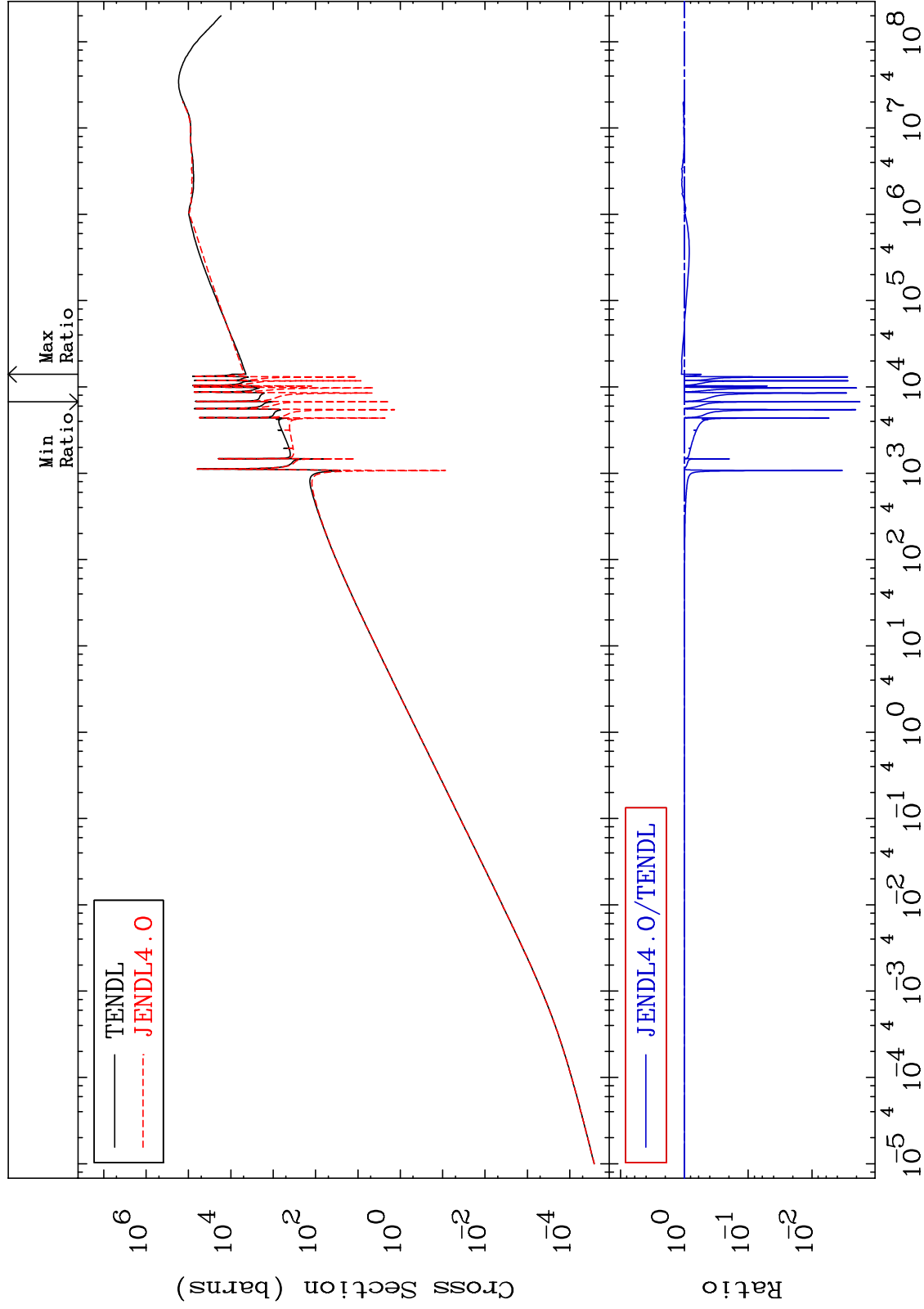
MAT 3225 Kerma total (eV-barns) 32-Ge-70
 Cross Section -99.54 To 82.18 %



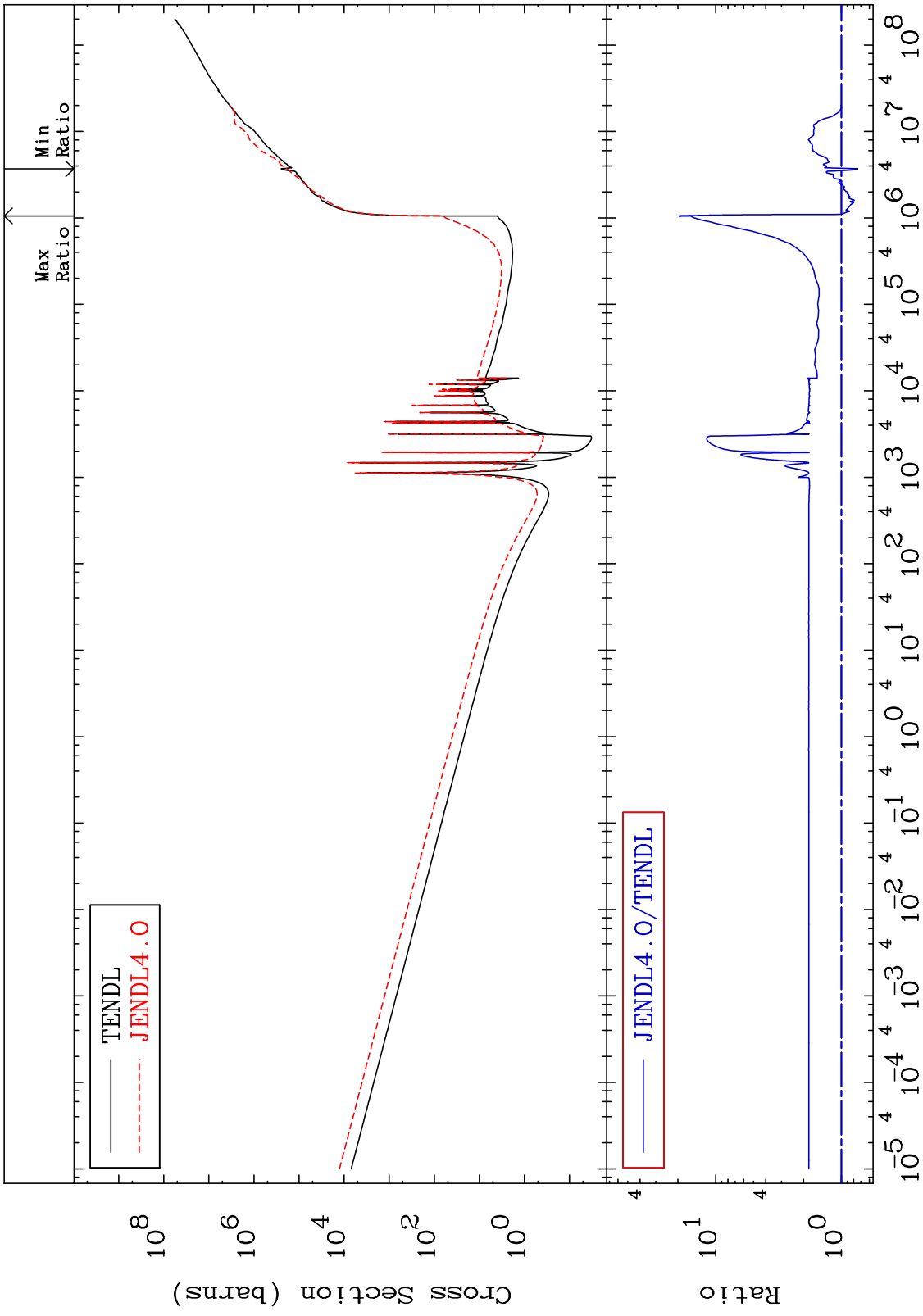
MAT 3225

Kerma elastic
Cross Section

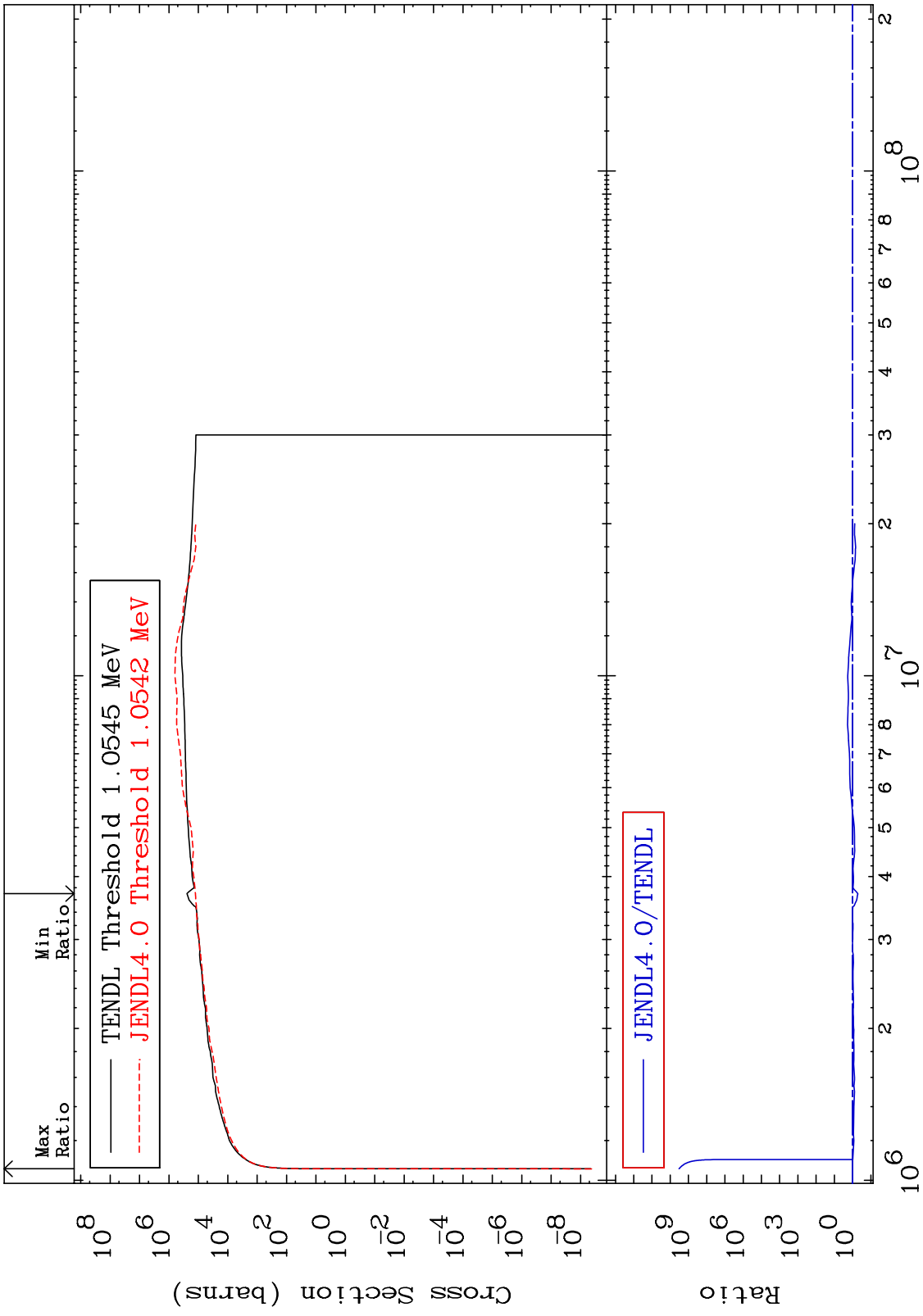
32-Ge-70
-99.82 To 11.08 %



MAT 3225 Kerma non-elastic (all but mt.2) Cross Section 32-Ge-70
-25.89 To 1859. %



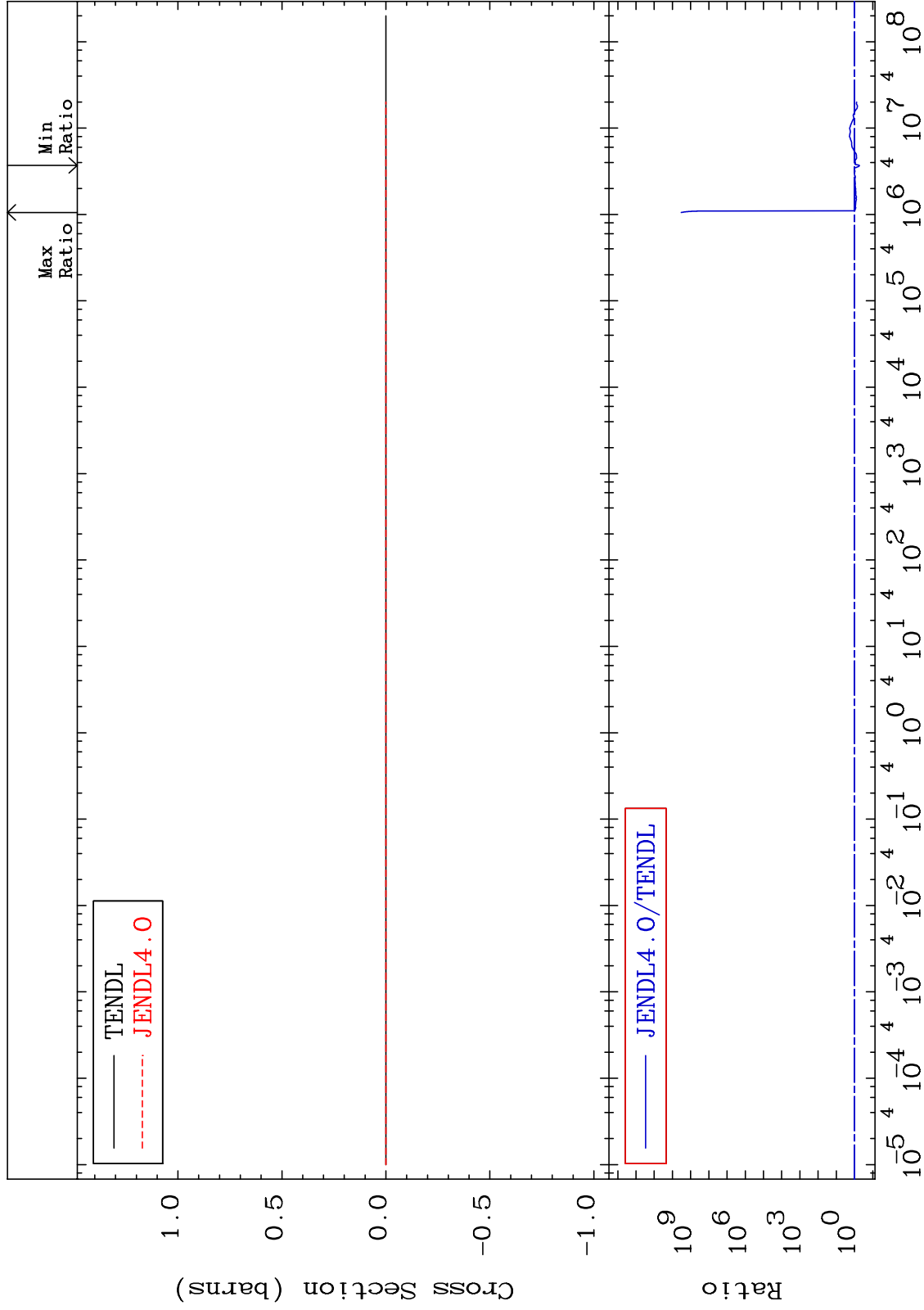
MAT 3225 Kerma inelastic (mt51-91) 32-Ge-70
 Cross Section -48.53 To 9999. %



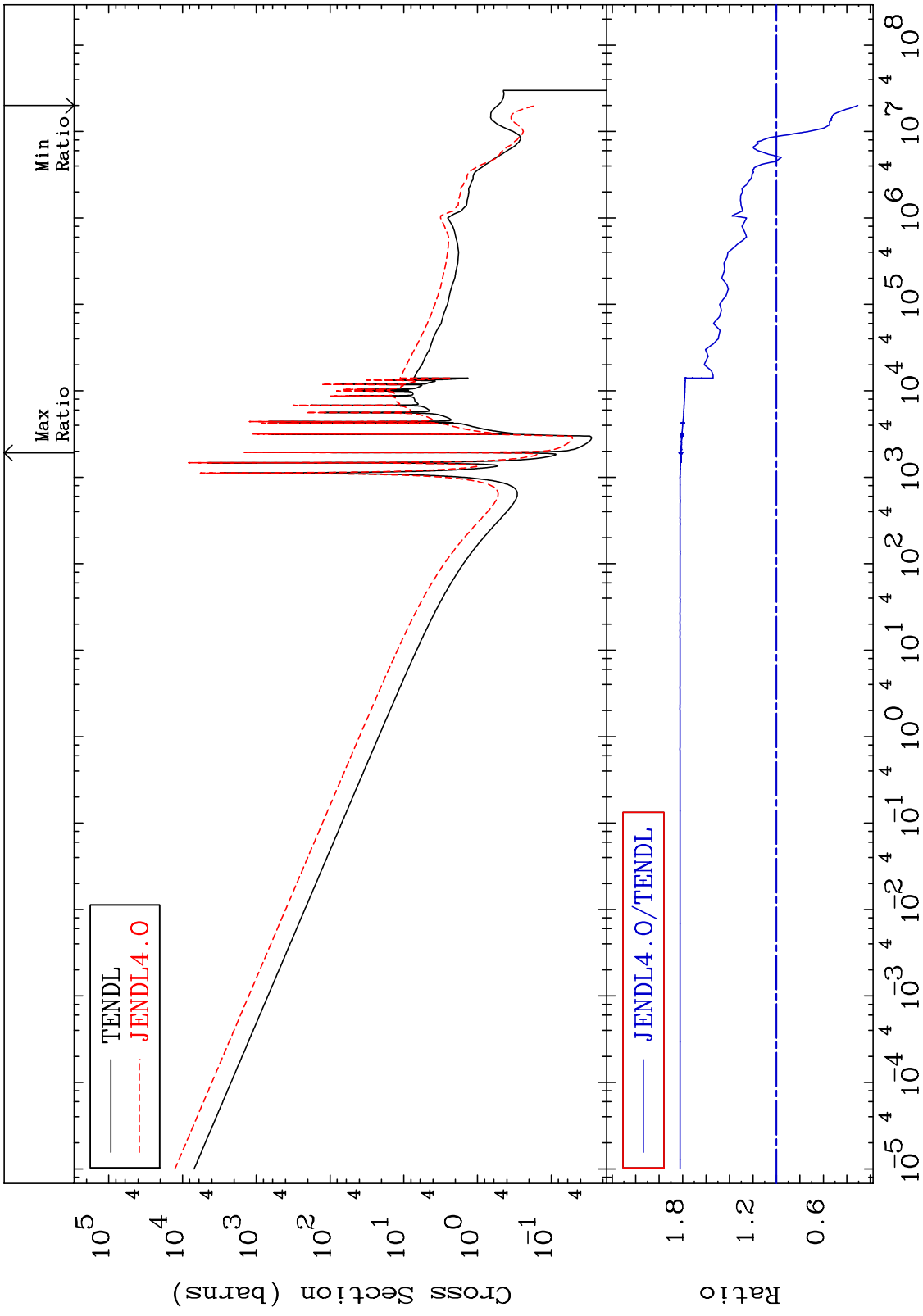
MAT 3225

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

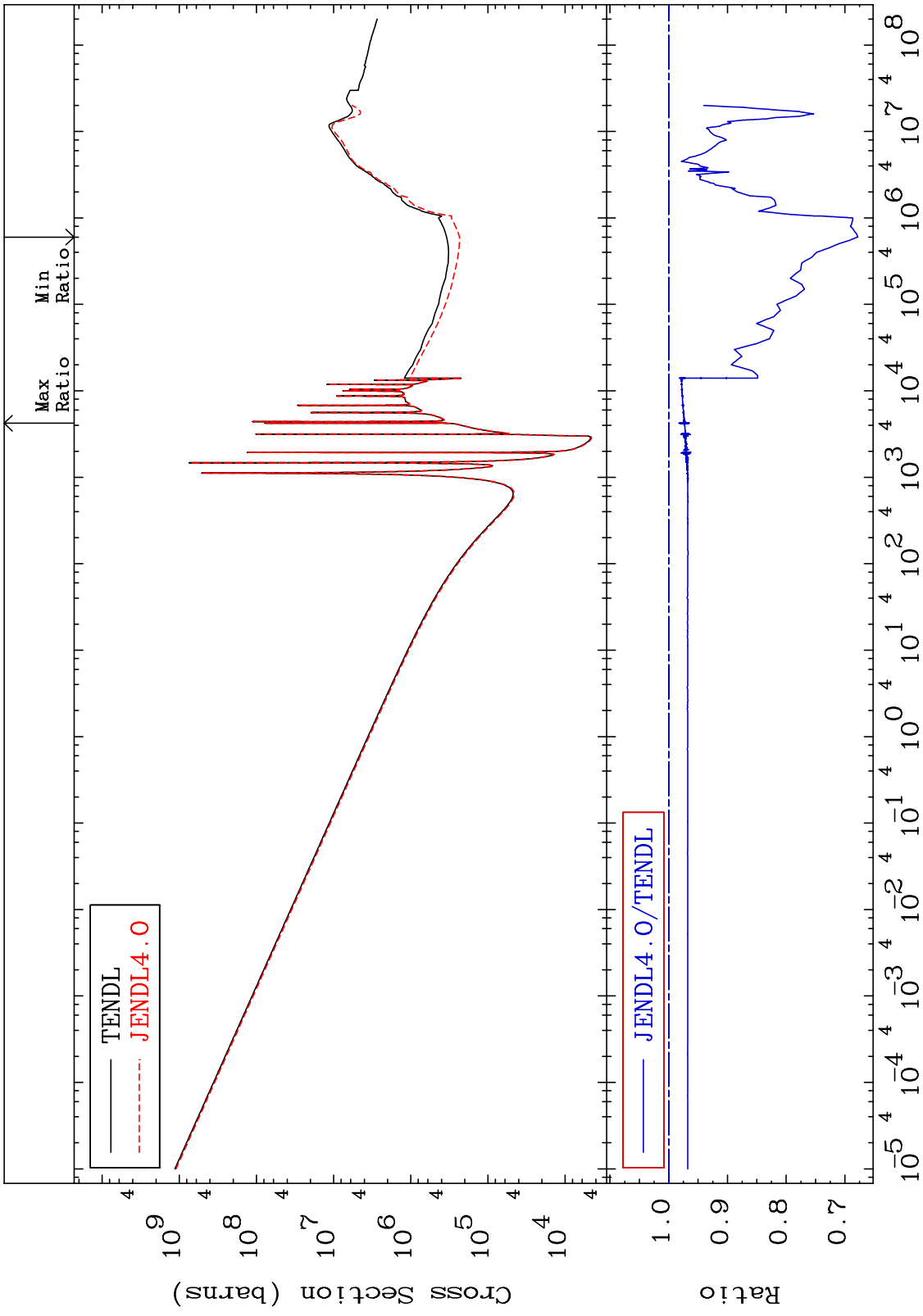
32-Ge-70
-48.53 To 9999. %



MAT 3225 Kerma capture (mt102) 32-Ge-70
 Cross Section -69.35 To 83.03 %

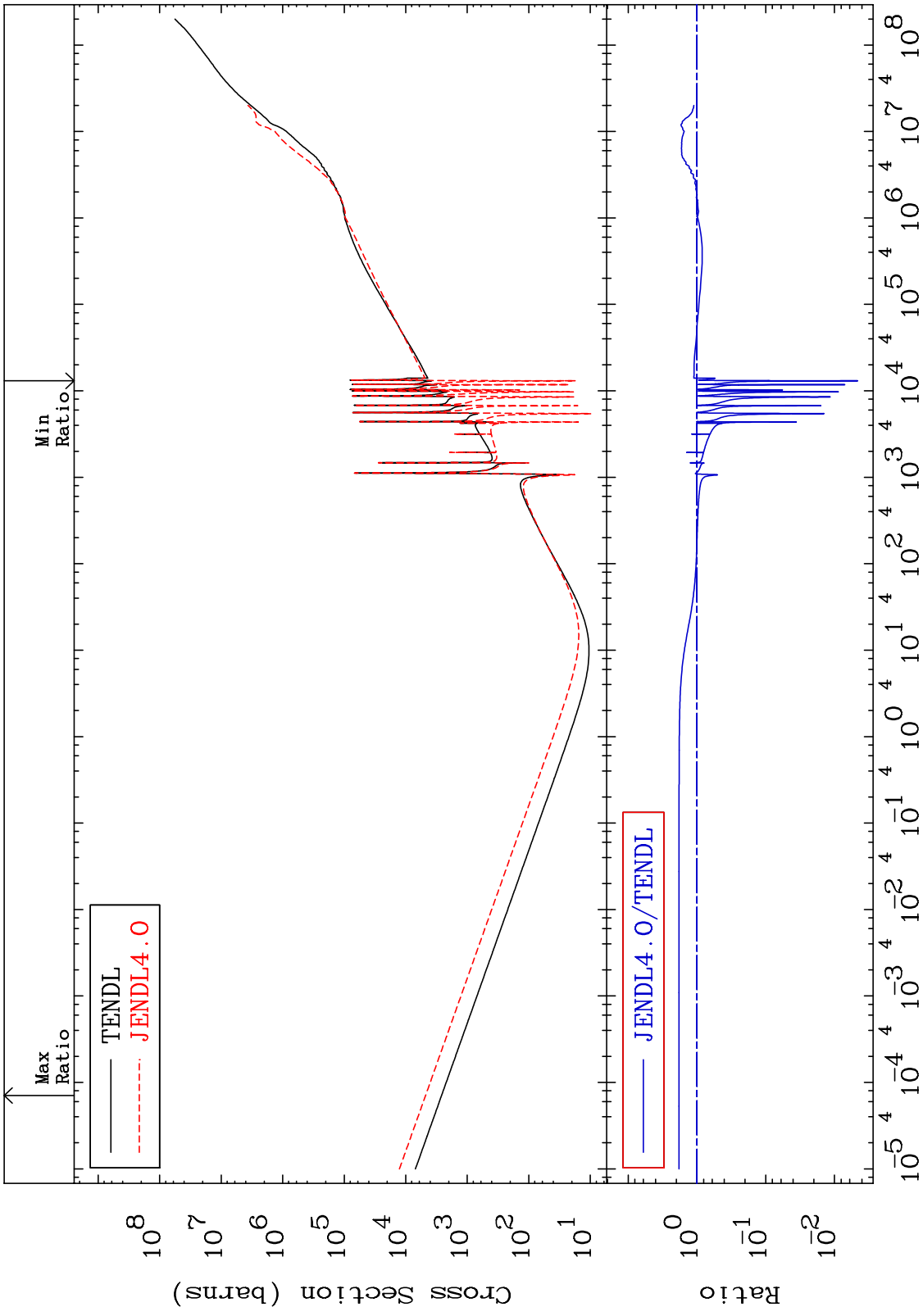


MAT 3225 32-Ge-70
 Total photon (eV-barns) -32.20 To -1.757%
 Cross Section

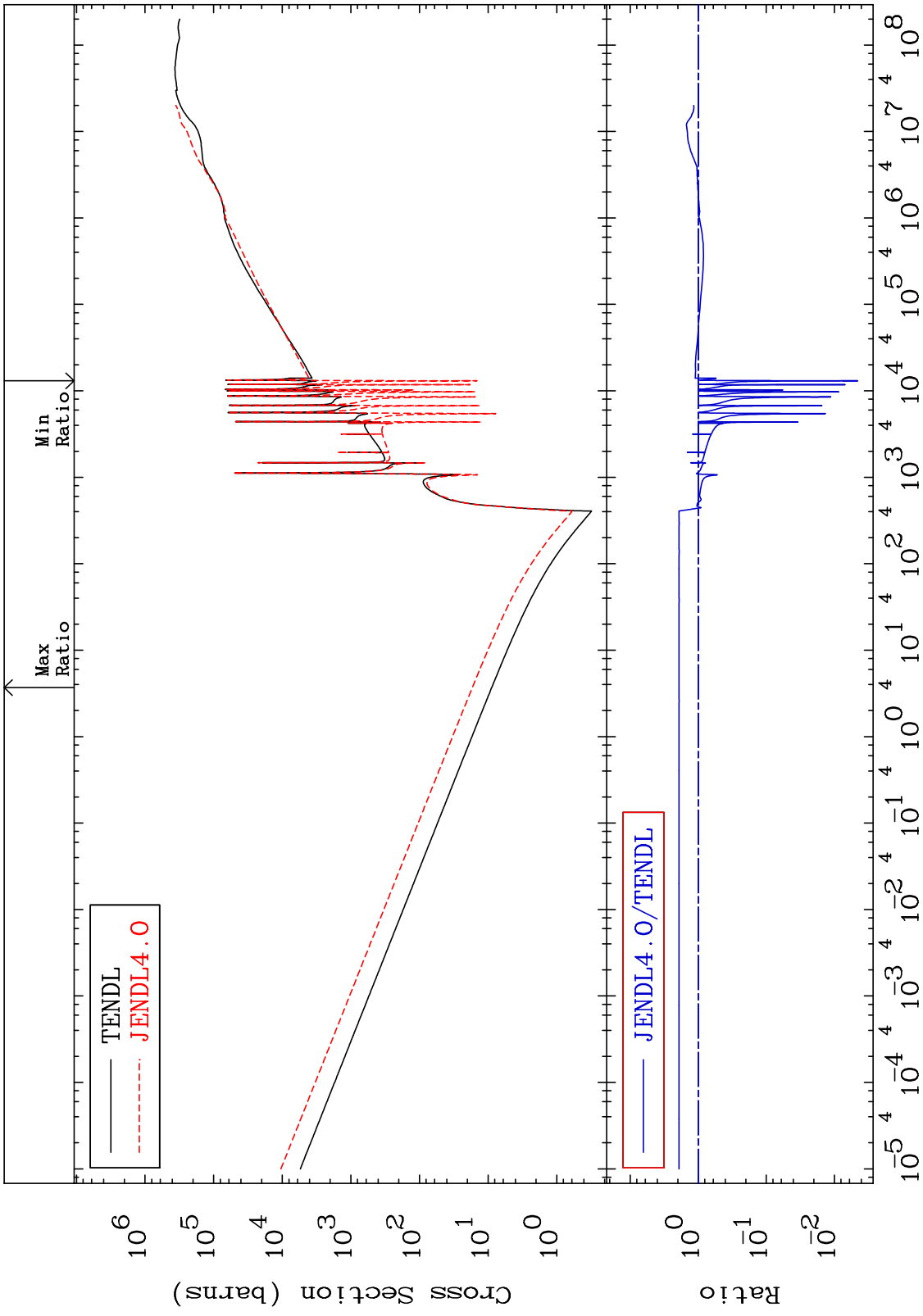


51 32-Ge-70

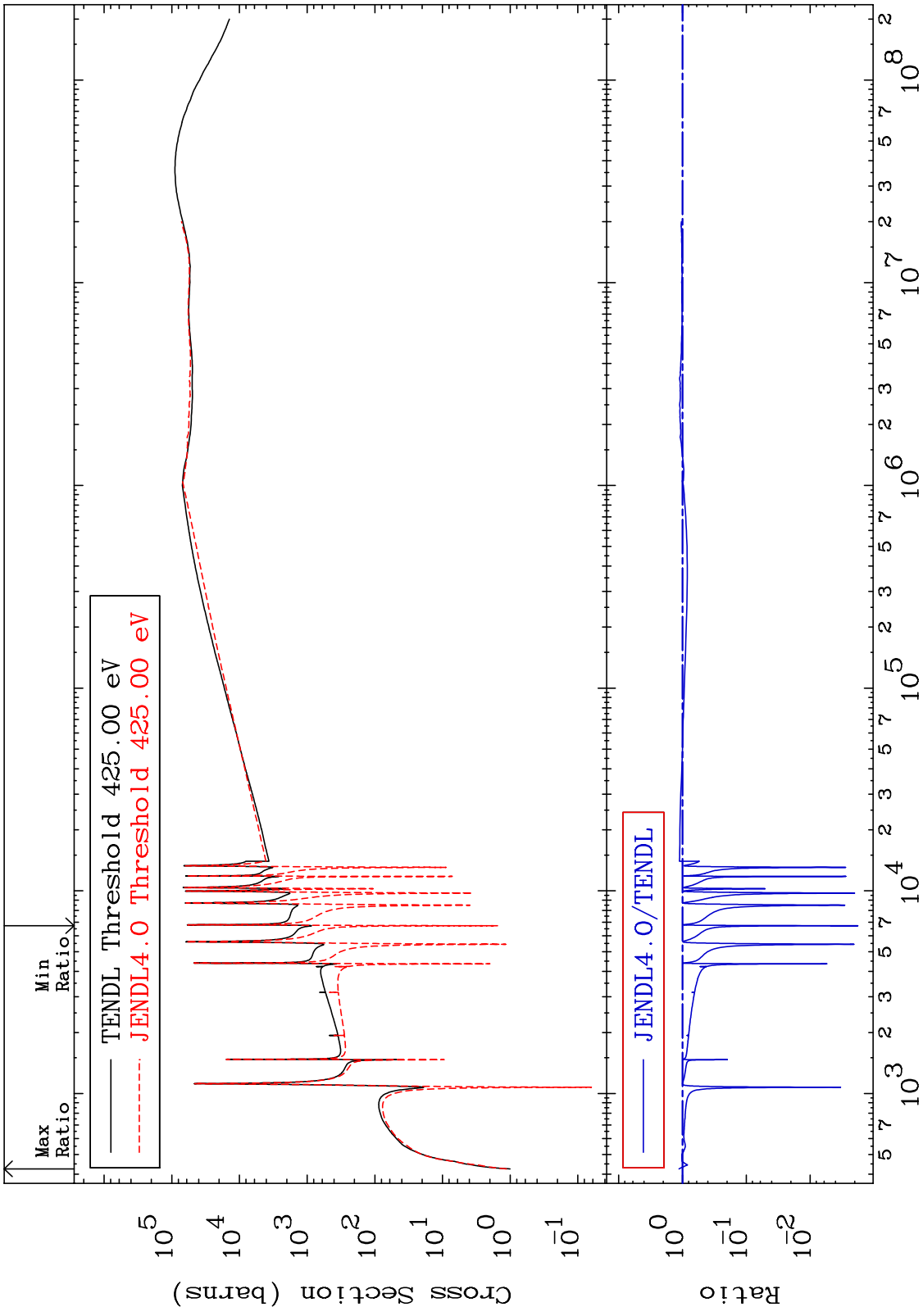
MAT 3225 Total kinematic kerma (high limit) 32-Ge-70
 Cross Section -99.54 To 82.17 %

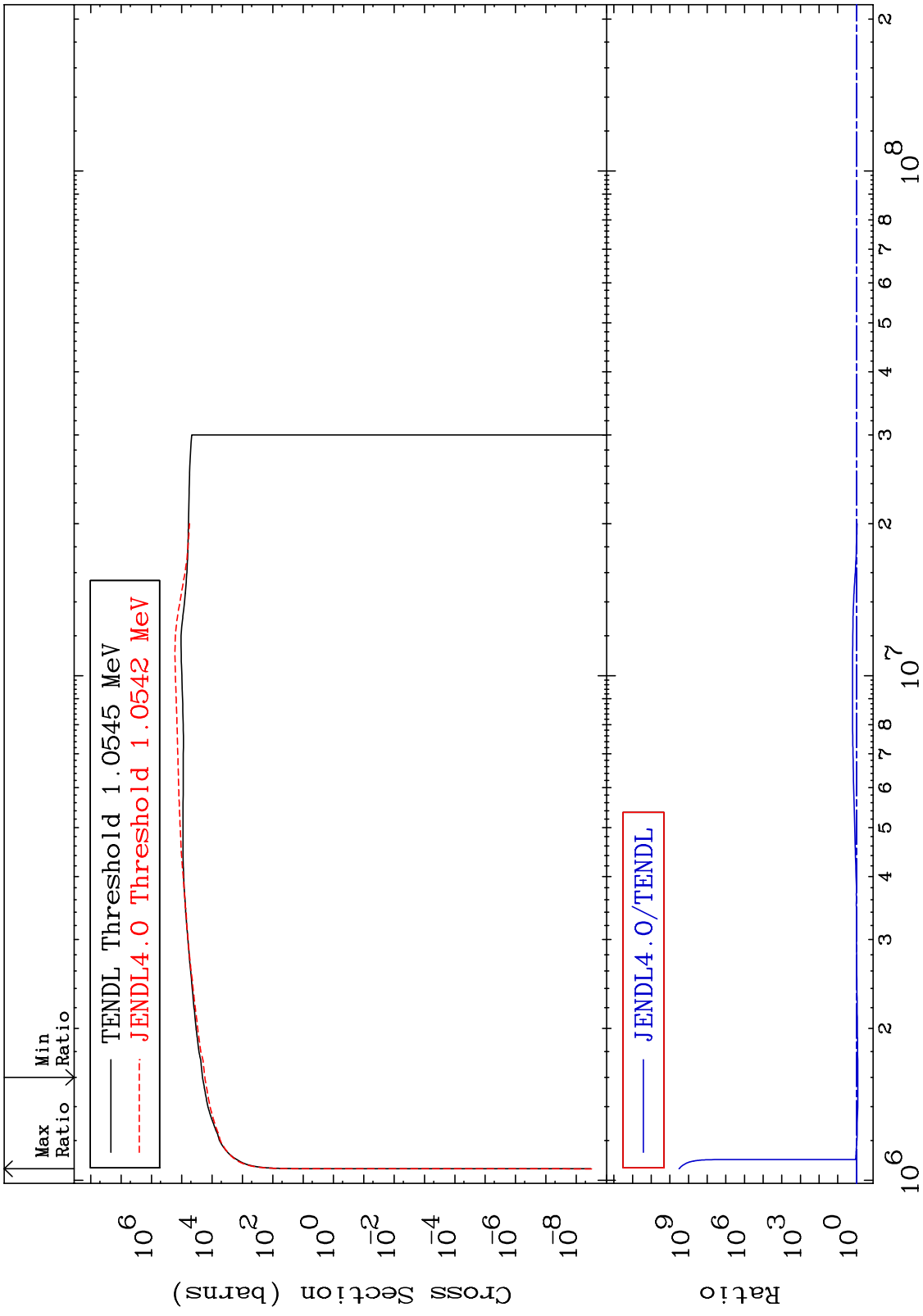


MAT 3225 Dpa total (eV-barns) 32-Ge-70
 -99.55 To 91.74 %
 Cross Section



MAT 3225 Dpa elastic (mt2) 32-Ge-70
 Cross Section -99.82 To 13.00 %

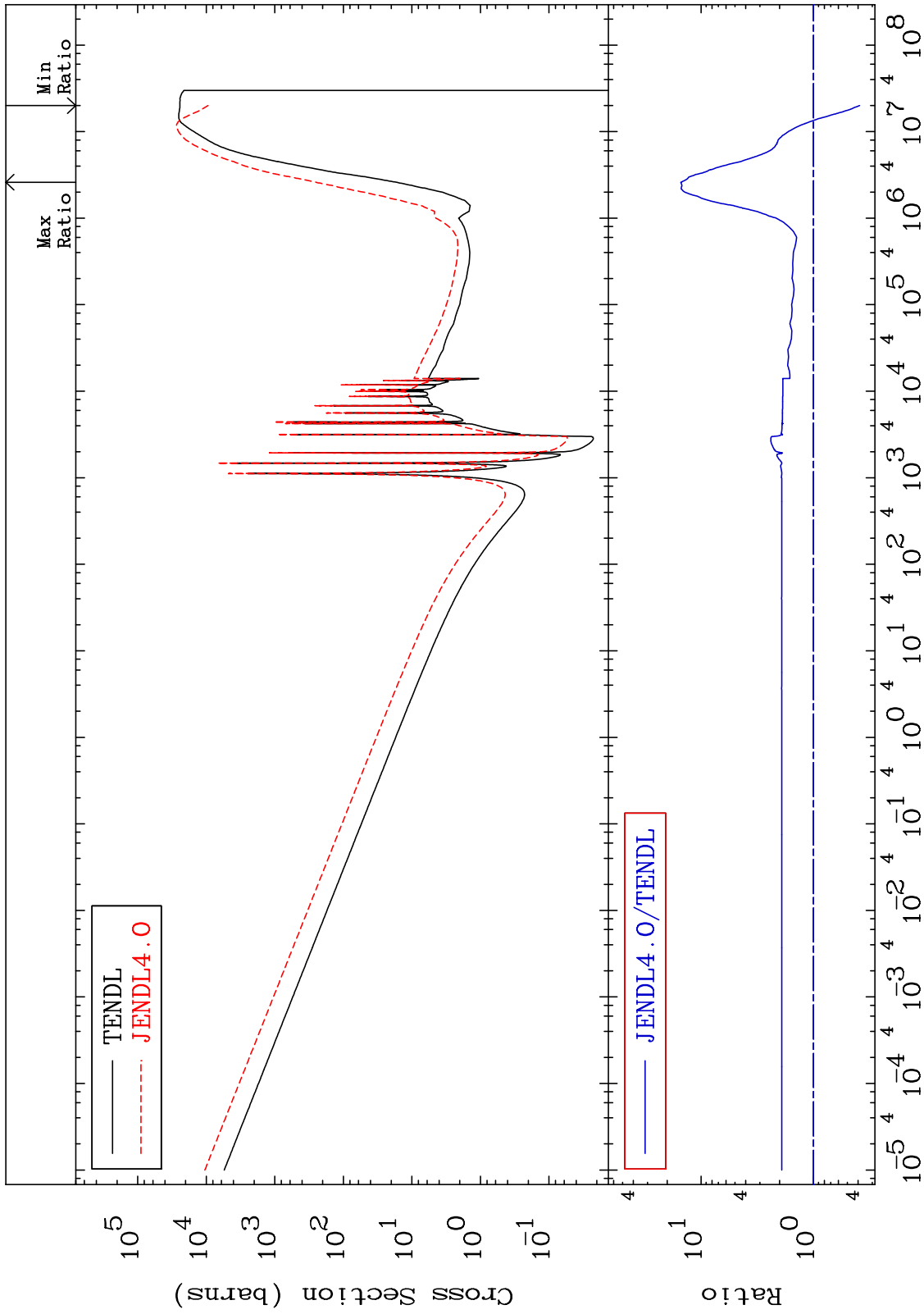




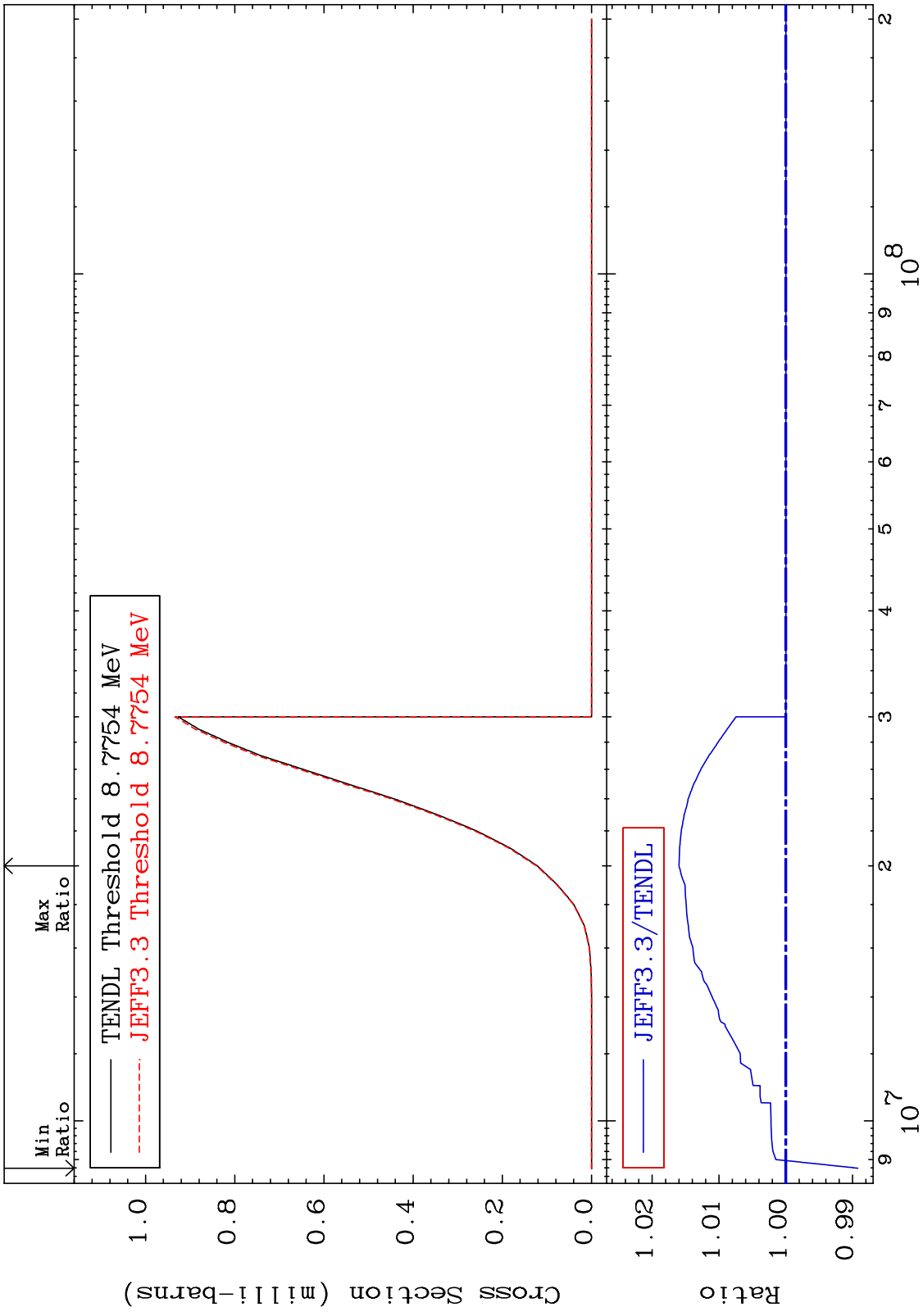
MAT 3225

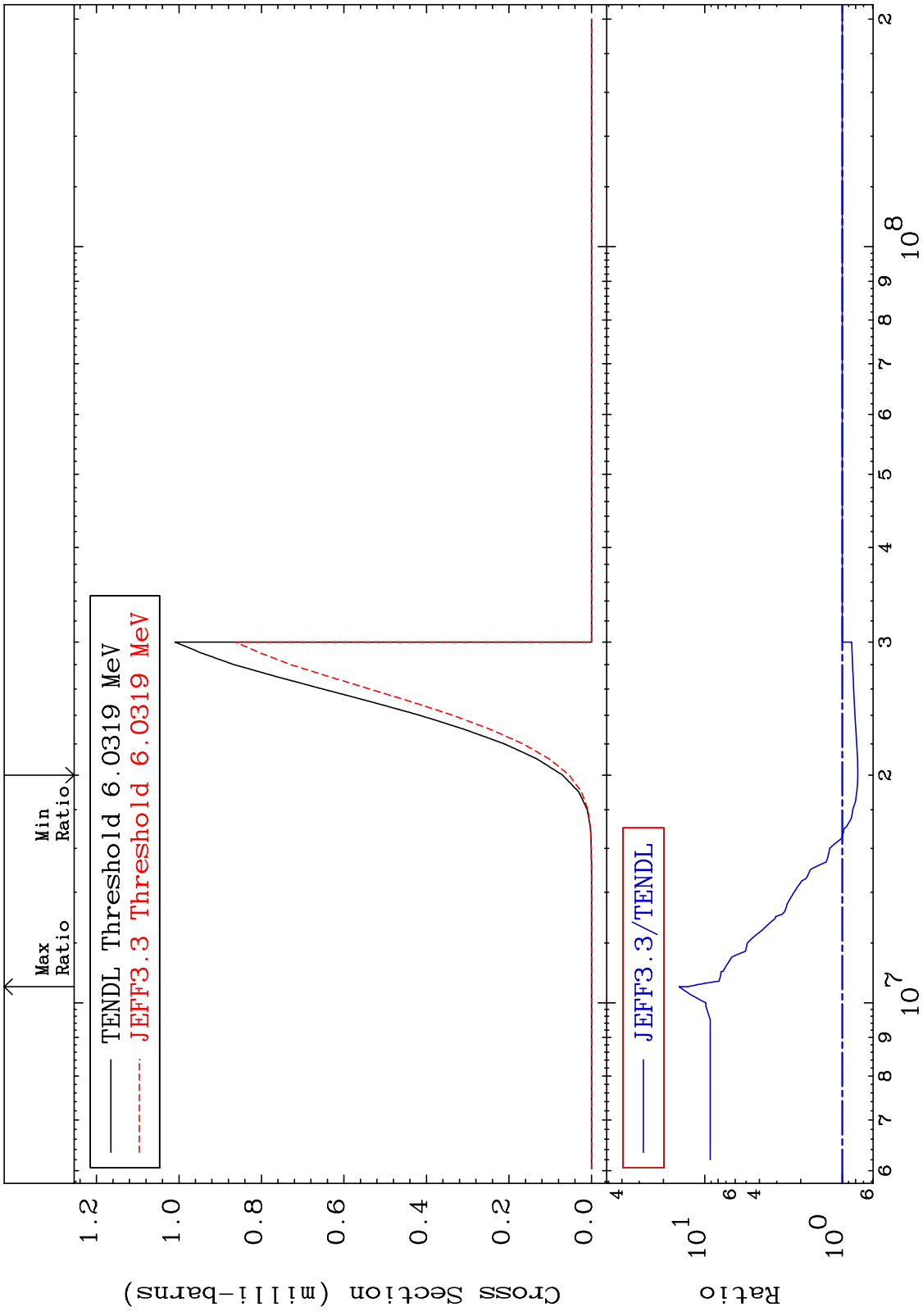
Dpa disappearance (mt102 -120)
Cross Section

32-Ge-70
-61.22 To 1413. %

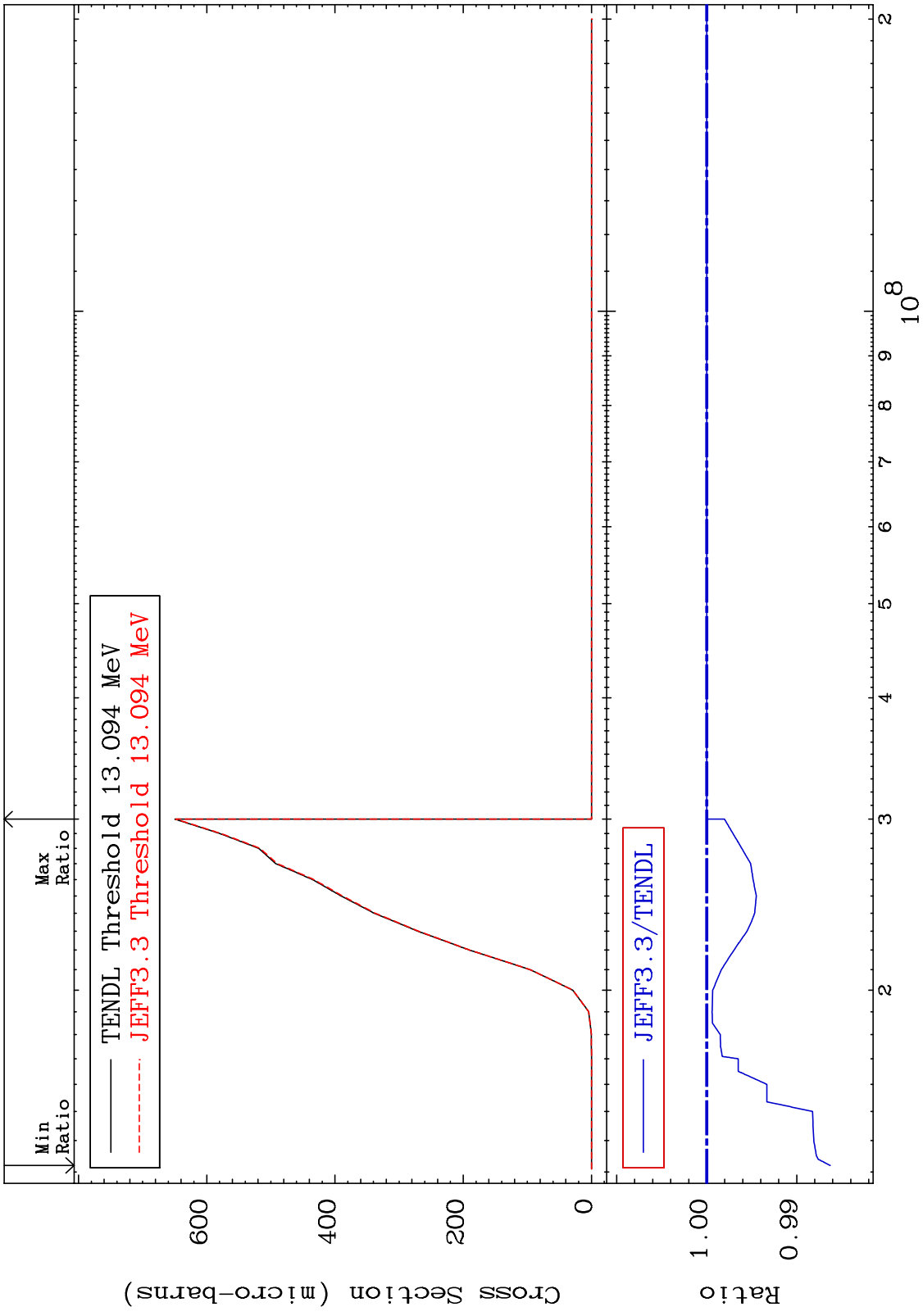


MAT 3225 (n,2p) Cross Section 32-Ge-70
 -1.079 To 1.598 %

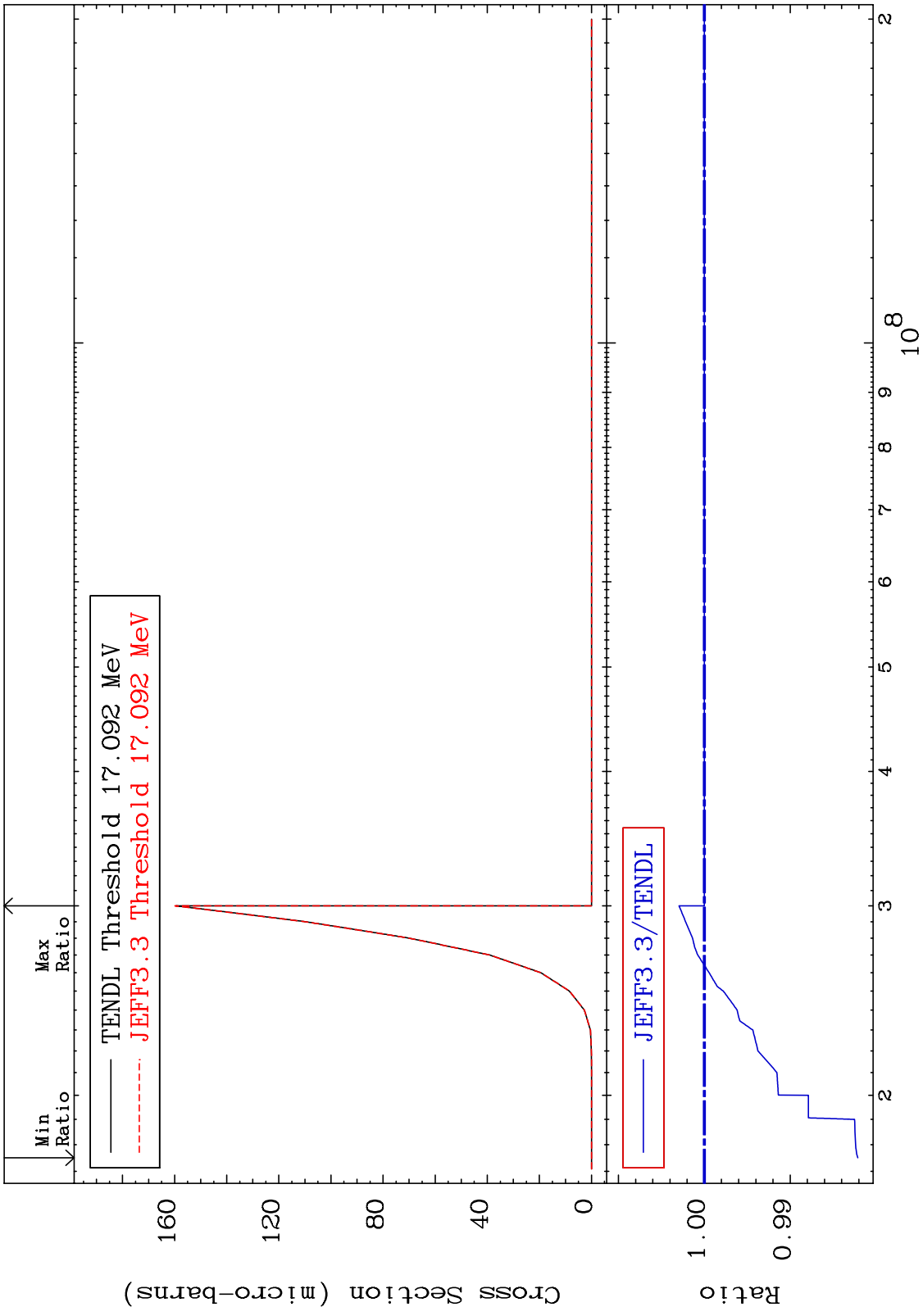




MAT 3225 (n,p) d 32-Ge-70
 Cross Section -1.372 To 0.000 %

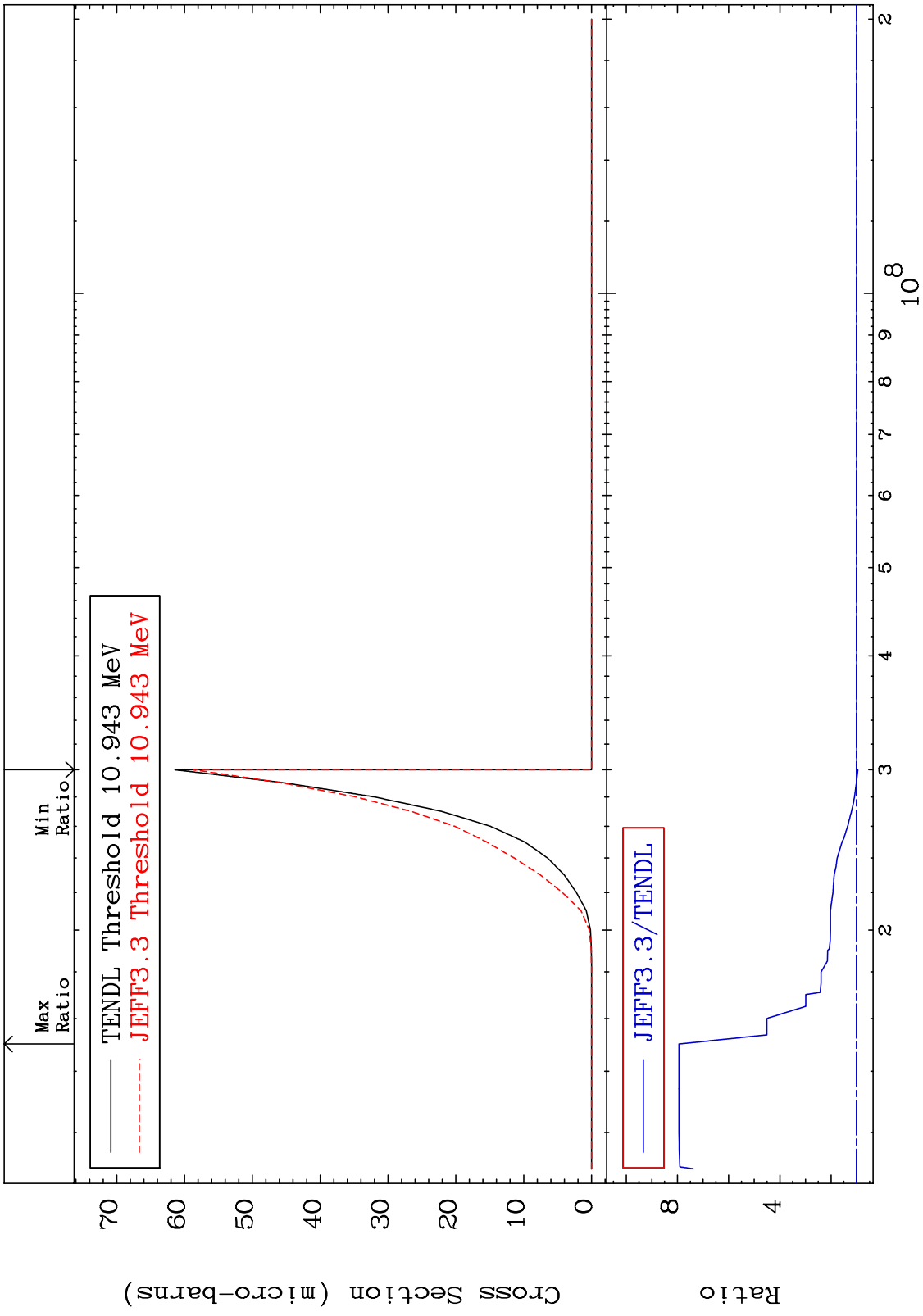


MAT 3225 (n,p) t 32-Ge-70
 Cross Section -1.788 To 0.294 %



60 Incident Energy (eV) 32-Ge-70

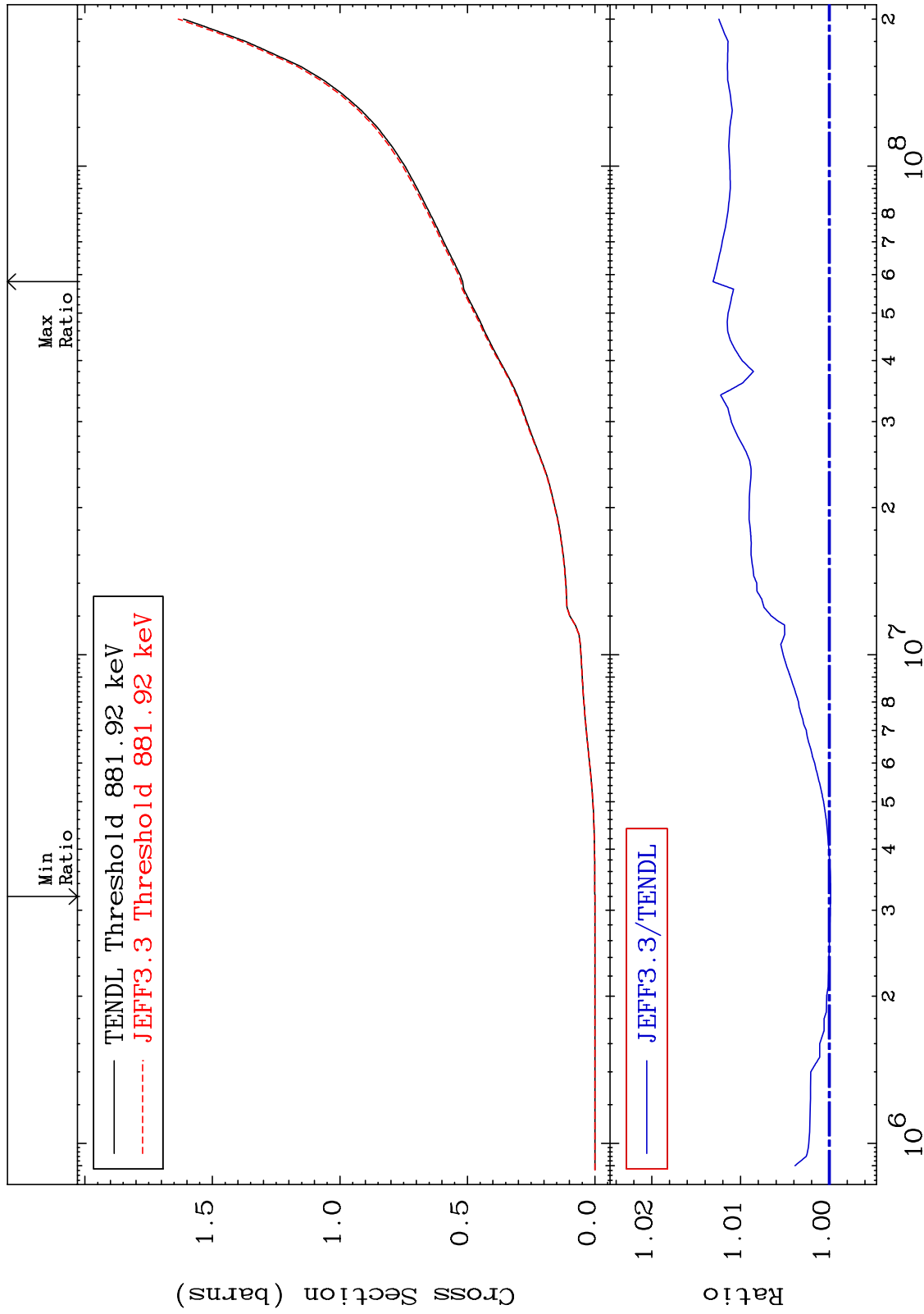
MAT 3225 (n,d) α 32-Ge-70
 Cross Section -4.477 To 693.7 %



MAT 3225

Hydrogen Production
Cross Section

32-Ge-70
-0.014 To 1.310 %

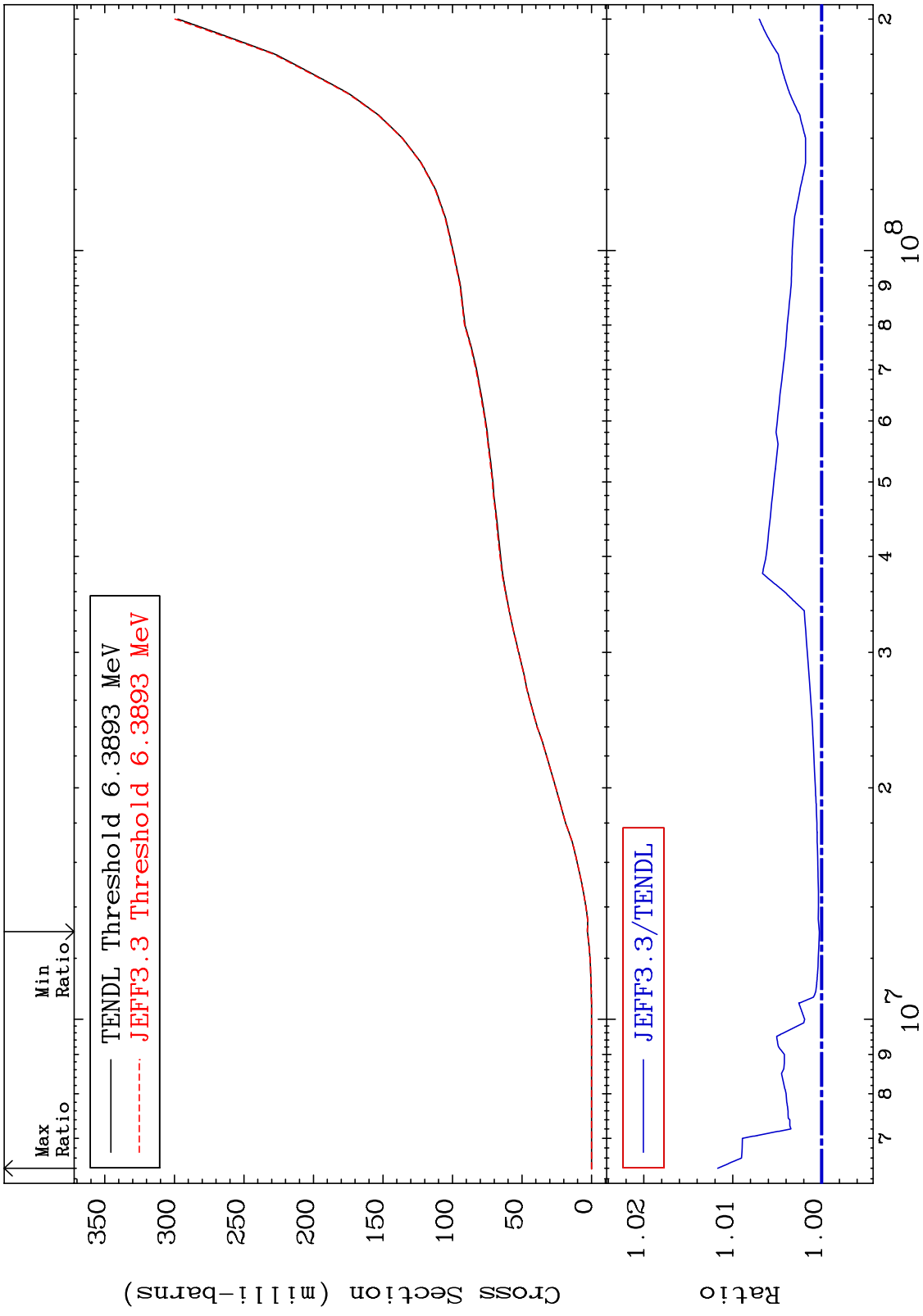


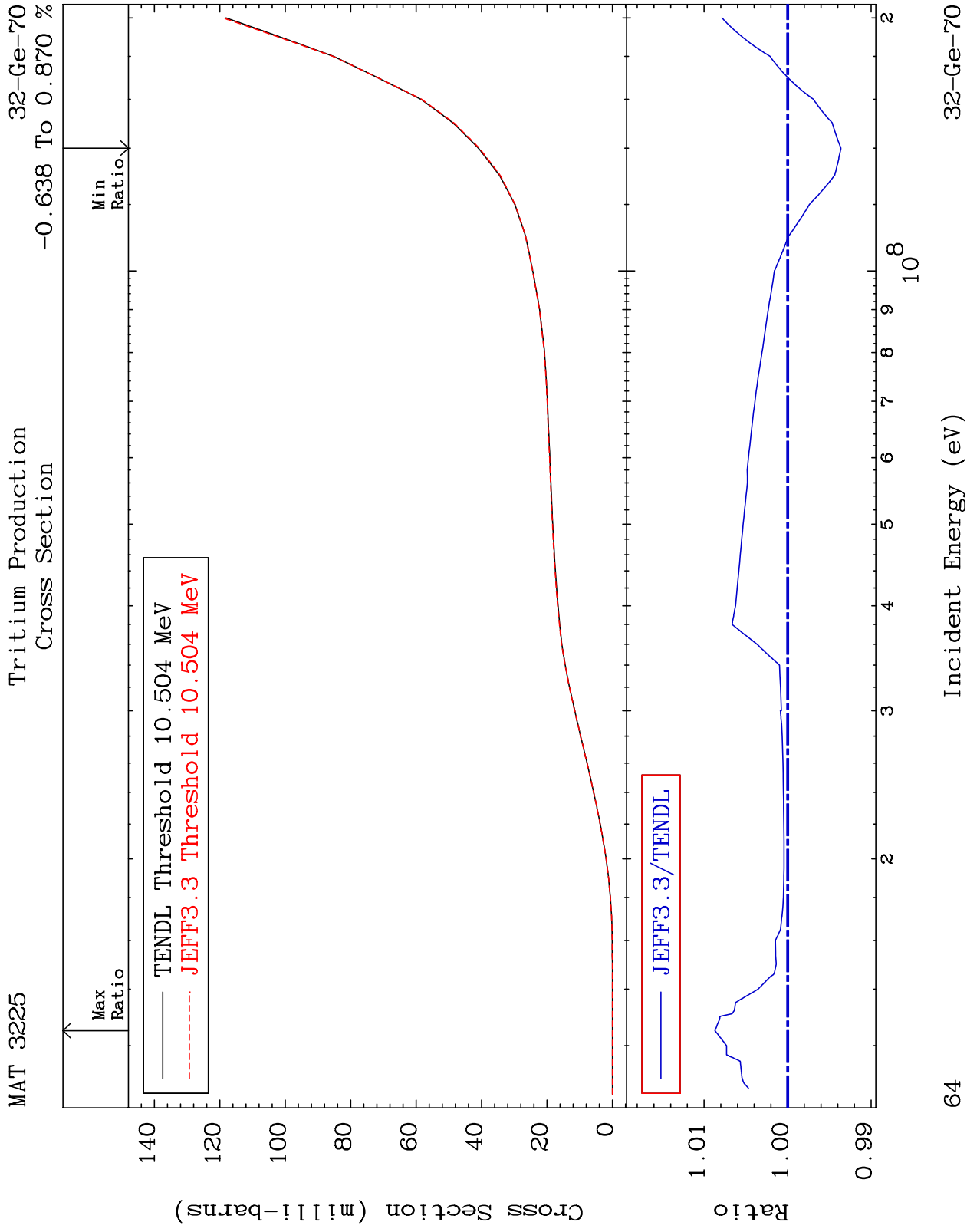
62

Incident Energy (eV)

32-Ge-70

MAT 3225 Deuterium Production Cross Section 32-Ge-70 To 1.170 %

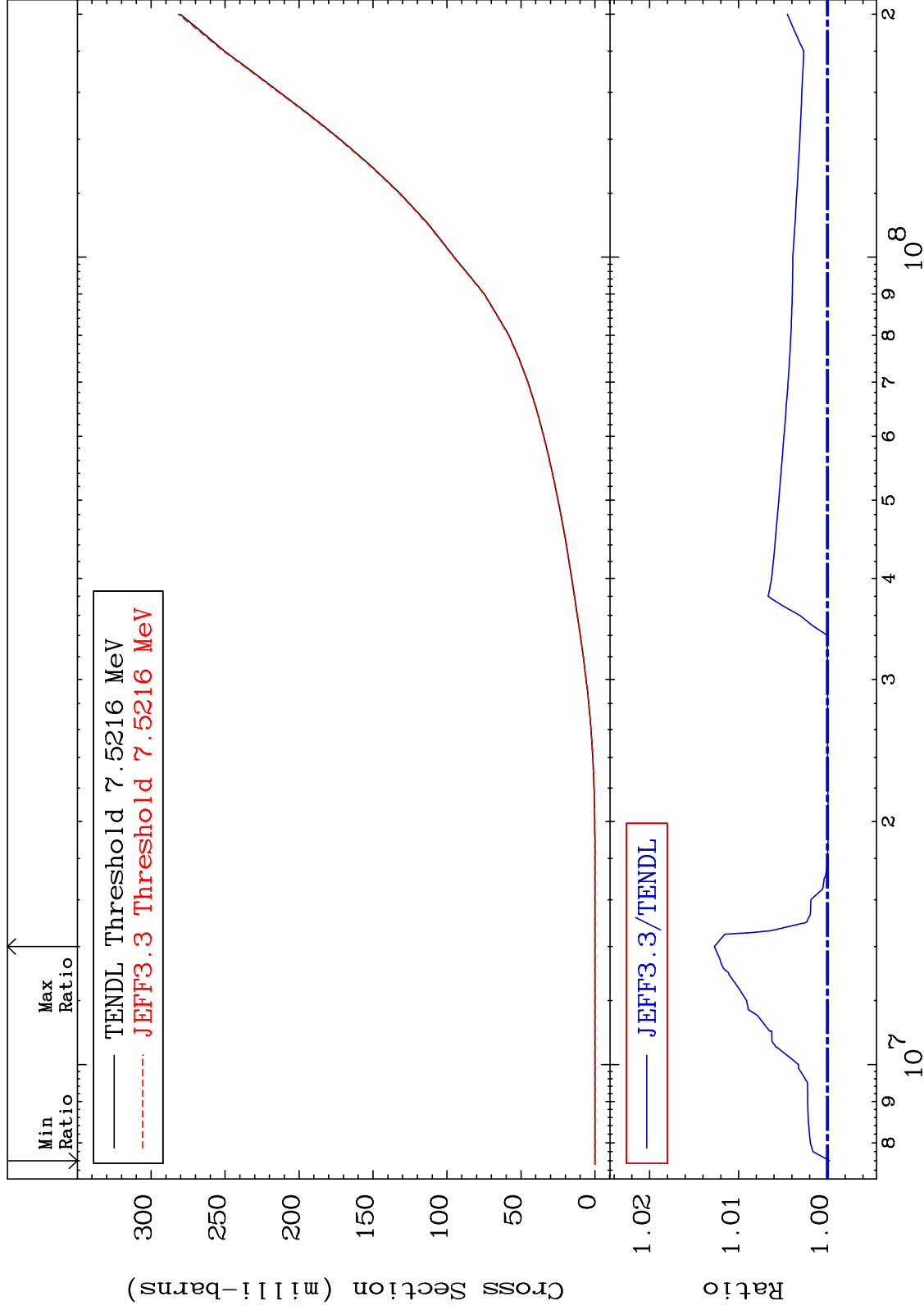




MAT 3225

He-3 Production
Cross Section

32-Ge-70
-0.024 To 1.274 %

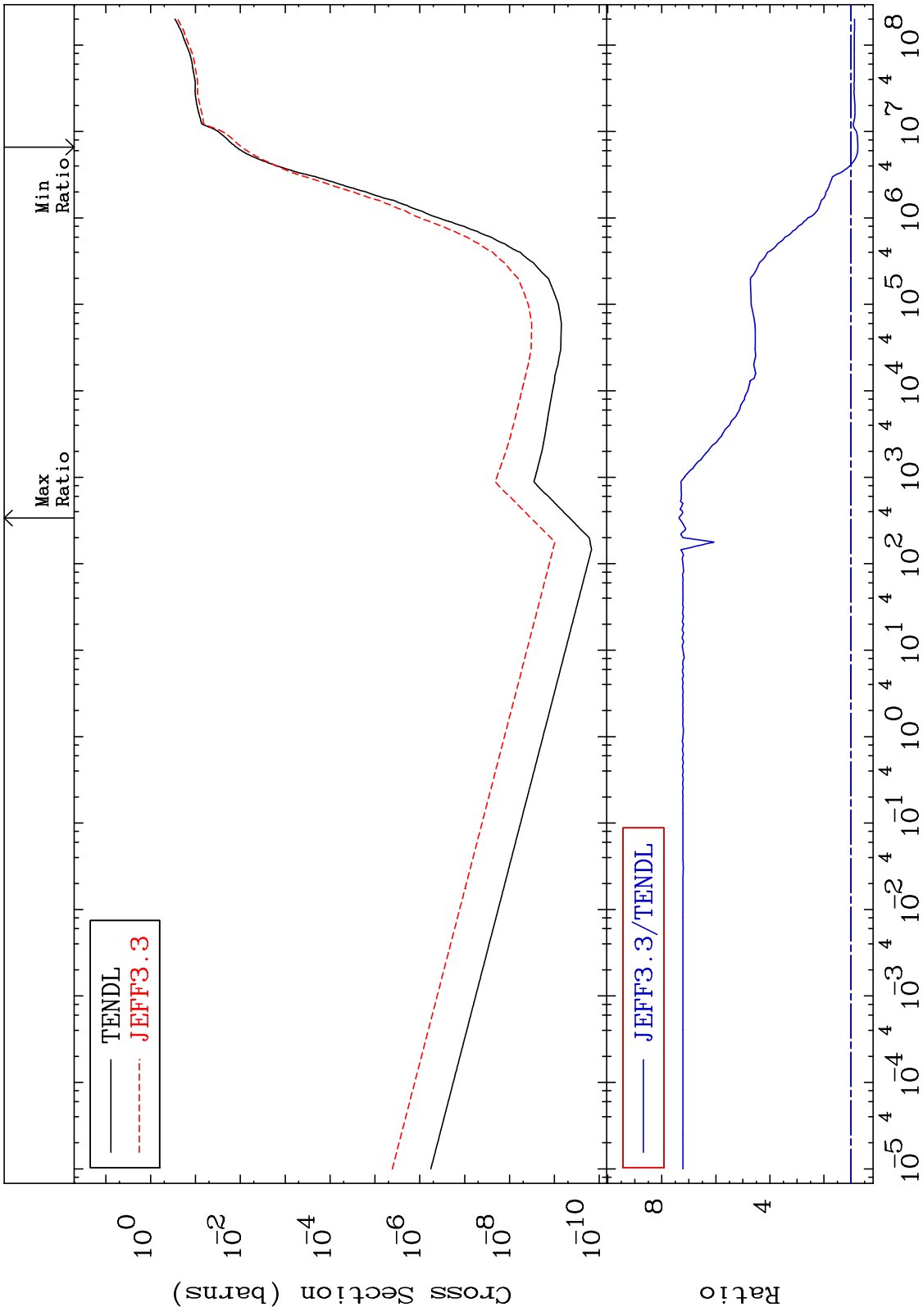


65

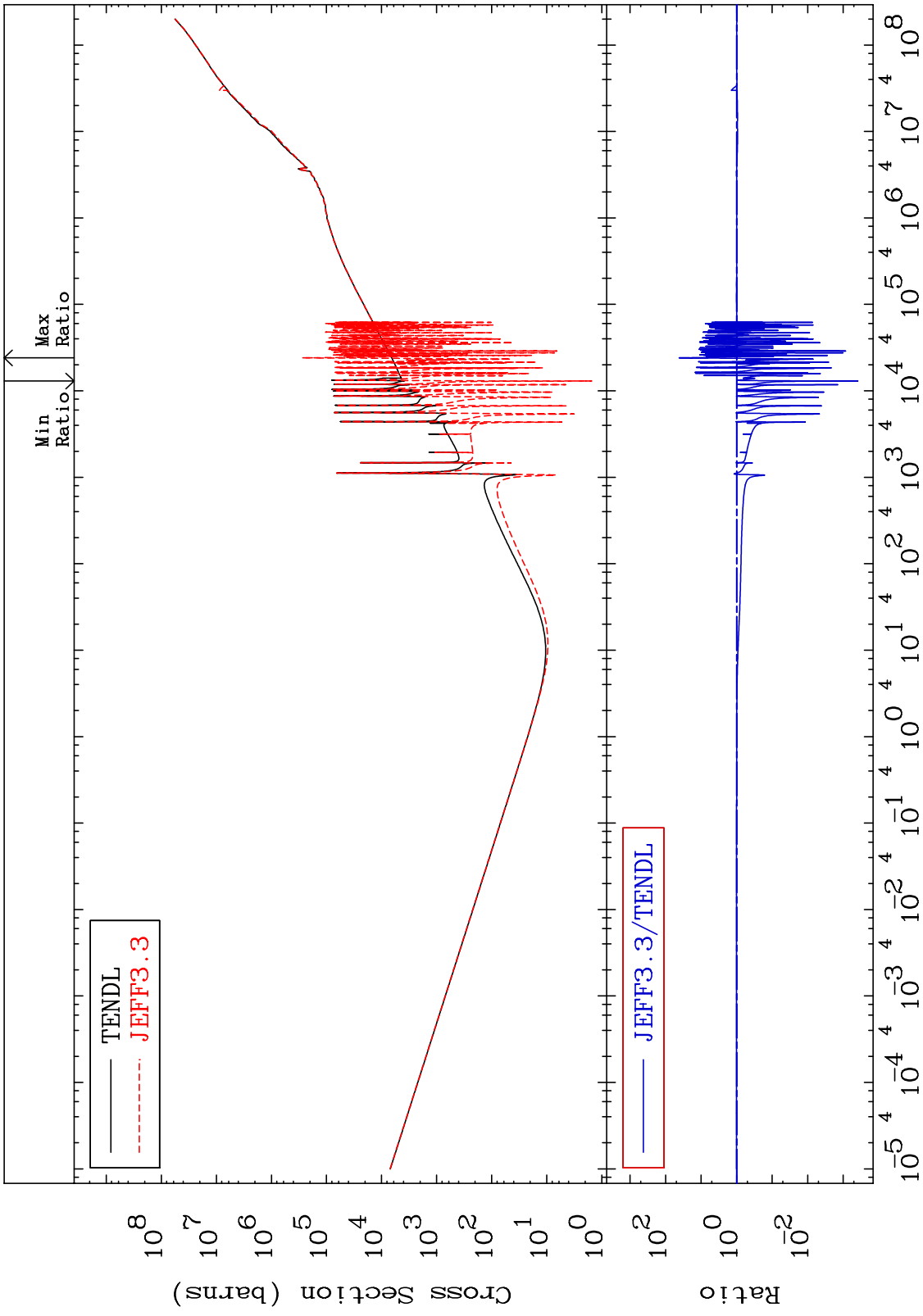
Incident Energy (eV)

32-Ge-70

MAT 3225 He-4 Production Cross Section 32-Ge-70
 -25.13 To 636.2 %



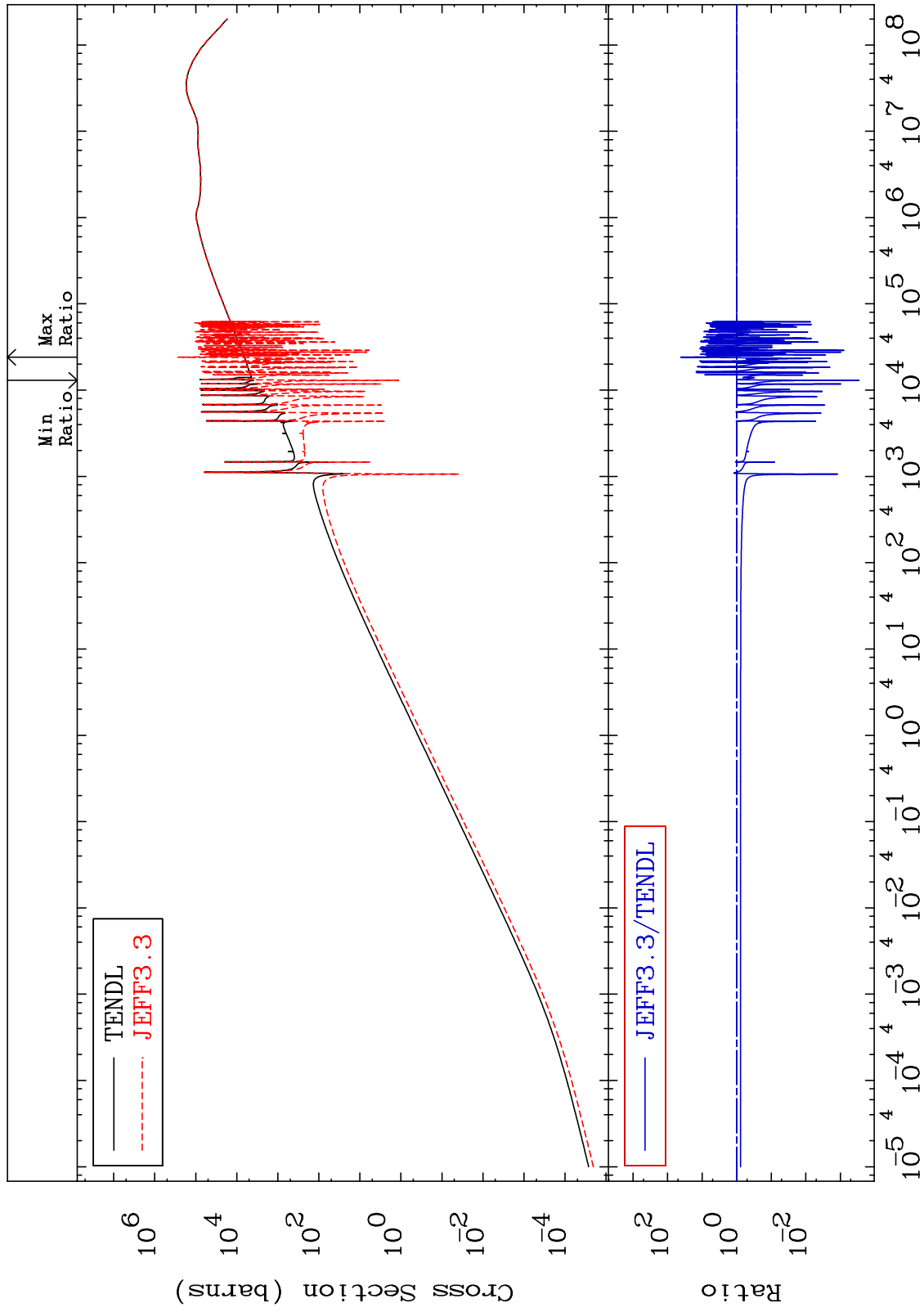
MAT 3225 Kerma total (eV-barns) 32-Ge-70
 Cross Section -99.96 To 4086. %



MAT 3225

Kerma elastic
Cross Section

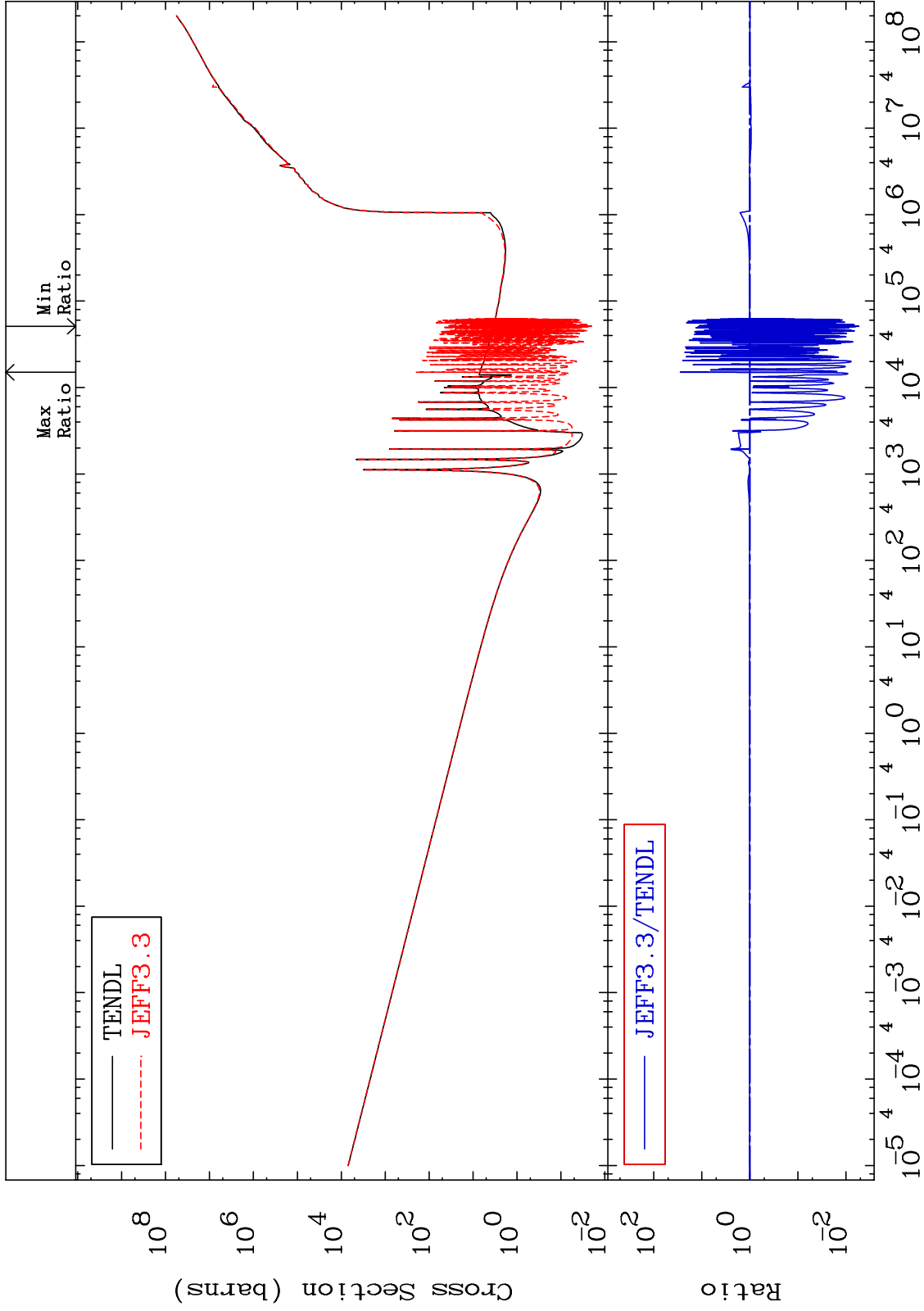
32-Ge-70
-99.97 To 4089. %



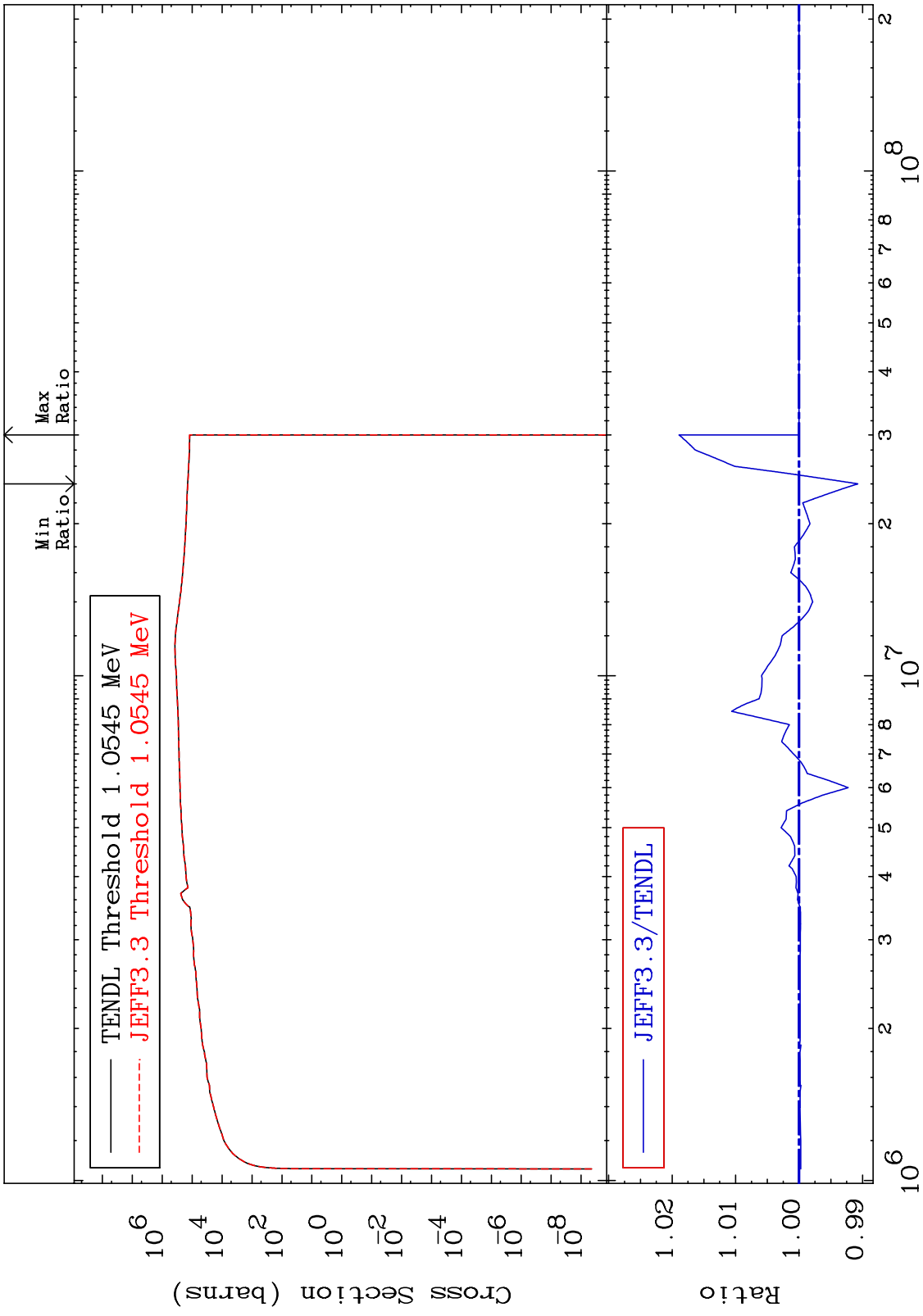
MAT 3225

Kerma non-elastic (all but mt.2)
Cross Section

32-Ge-70
-99.46 To 2704. %



MAT 3225 Kerma inelastic (mt51-91) 32-Ge-70
 Cross Section -0.926 To 1.891 %

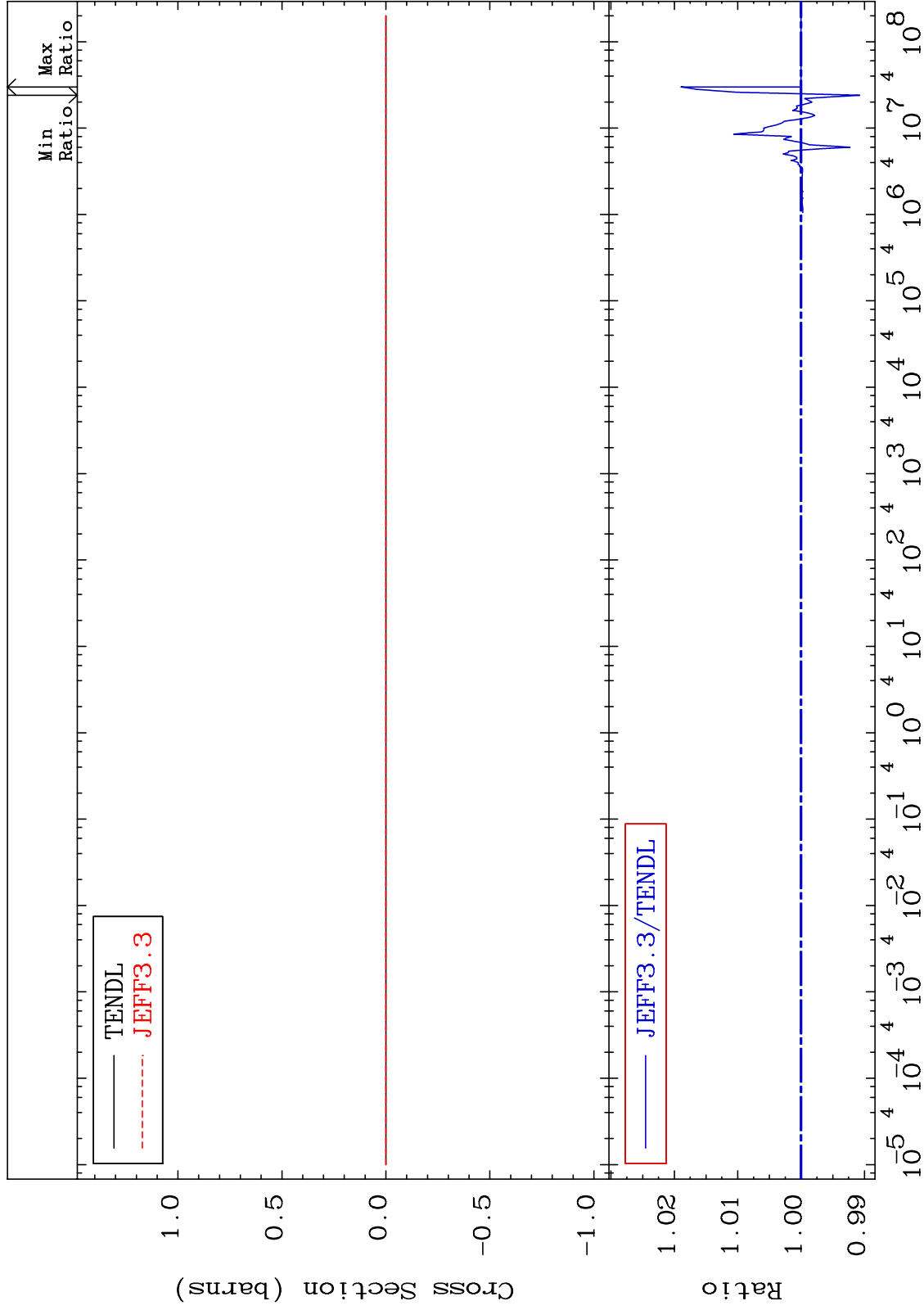


70 32-Ge-70

MAT 3225

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

32-Ge-70
-0.926 To 1.891 %



71

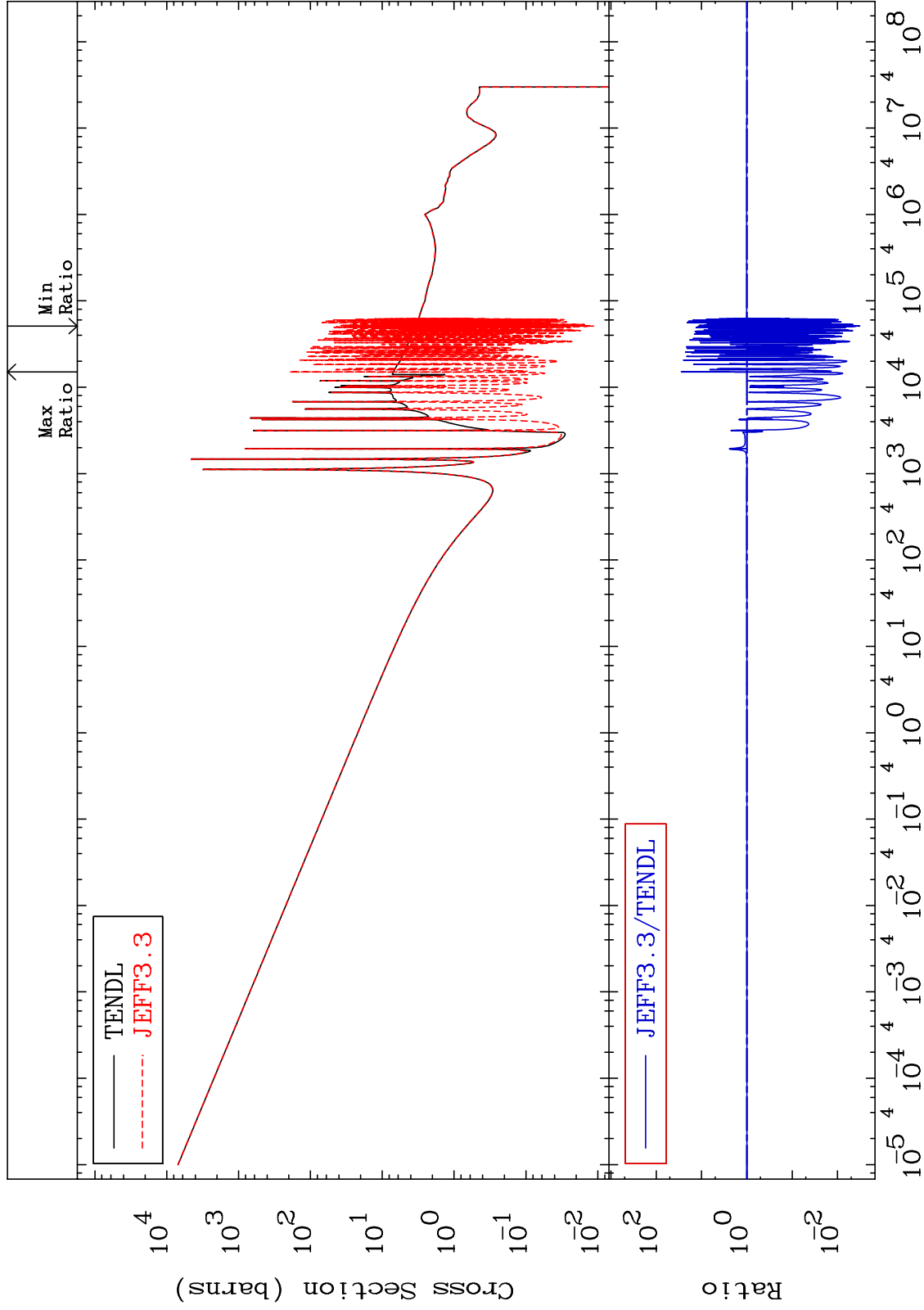
Incident Energy (eV)

32-Ge-70

MAT 3225

Kerma capture (mt102)
Cross Section

32-Ge-70
-99.68 To 2705. %



72

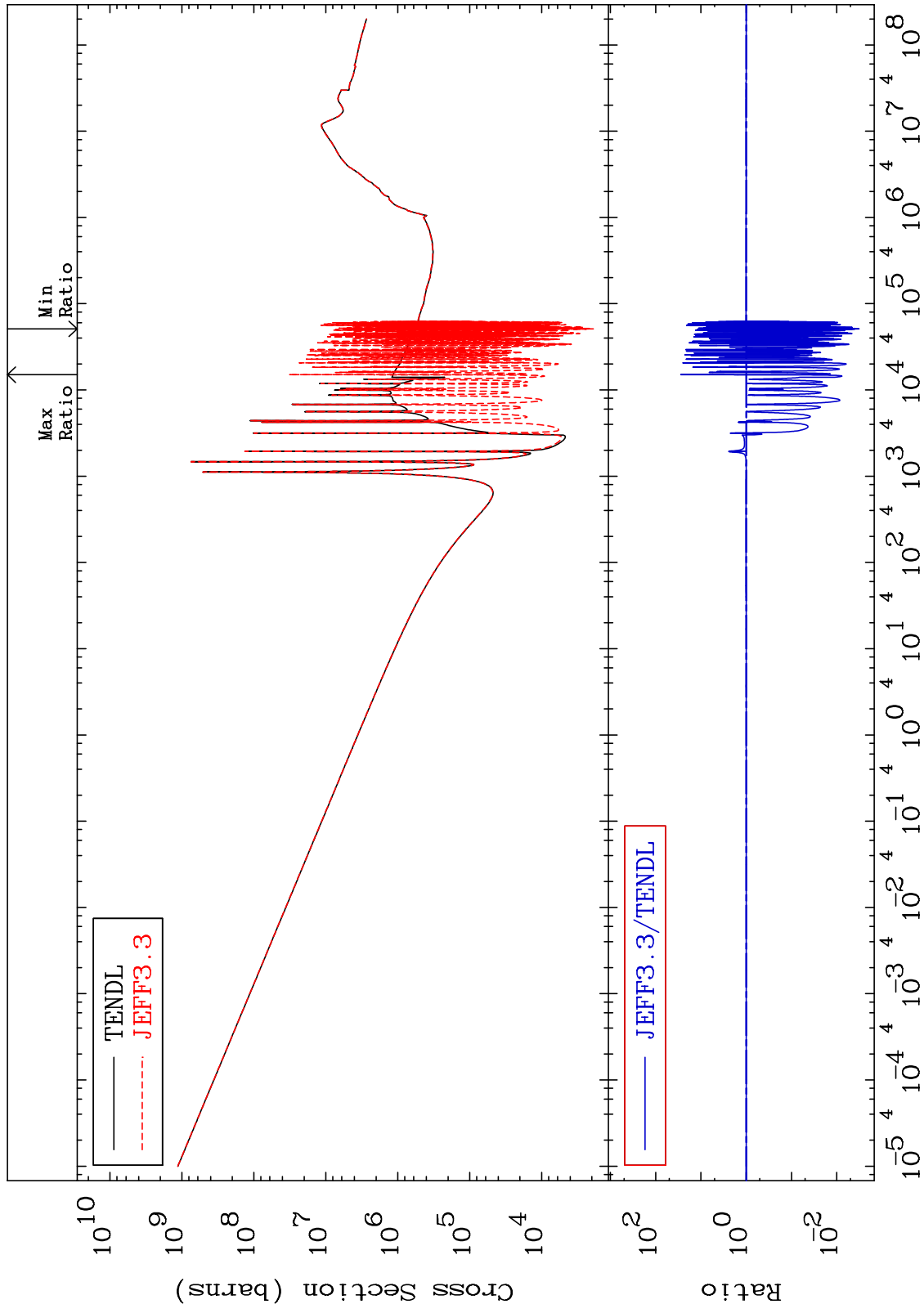
Incident Energy (eV)

32-Ge-70

MAT 3225

Total photon (eV-barns)
Cross Section

32-Ge-70
-99.68 To 2705. %

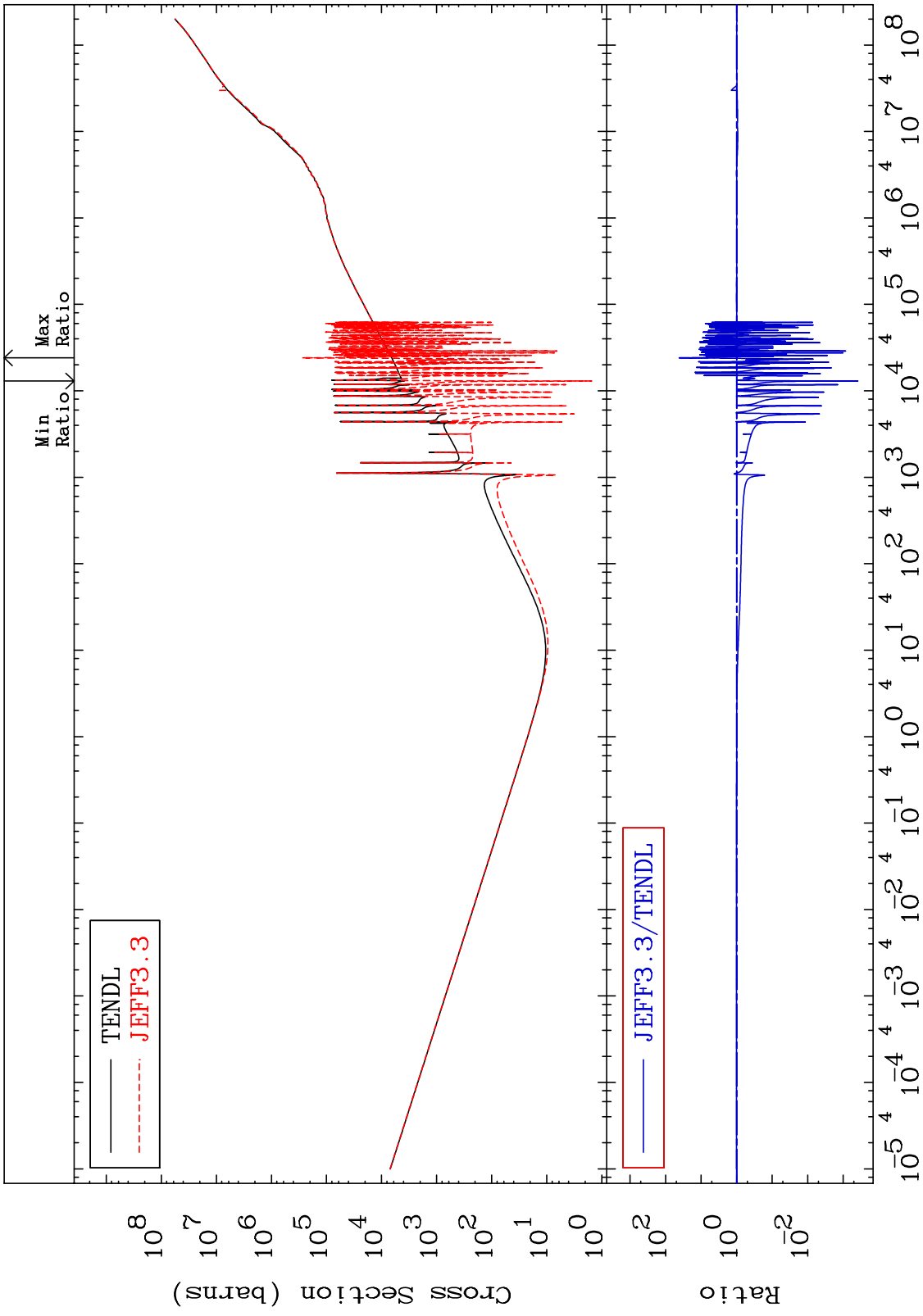


73

Incident Energy (eV)

32-Ge-70

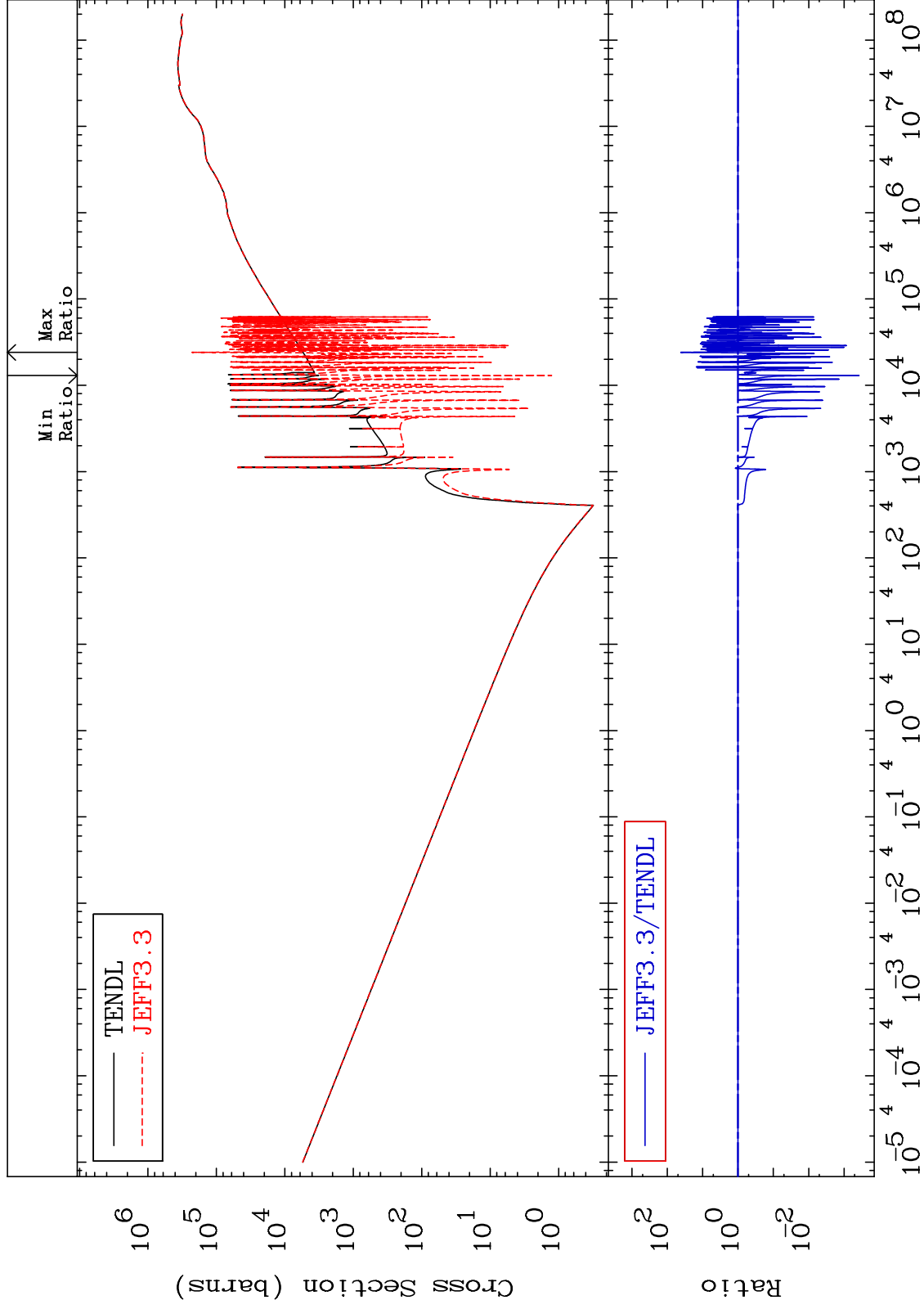
MAT 3225 Total kinematic kerma (high limit) 32-Ge-70
 Cross Section -99.96 To 4086. %



MAT 3225

Dpa total (eV-barns)
Cross Section

32-Ge-70
-99.96 To 4088. %



75

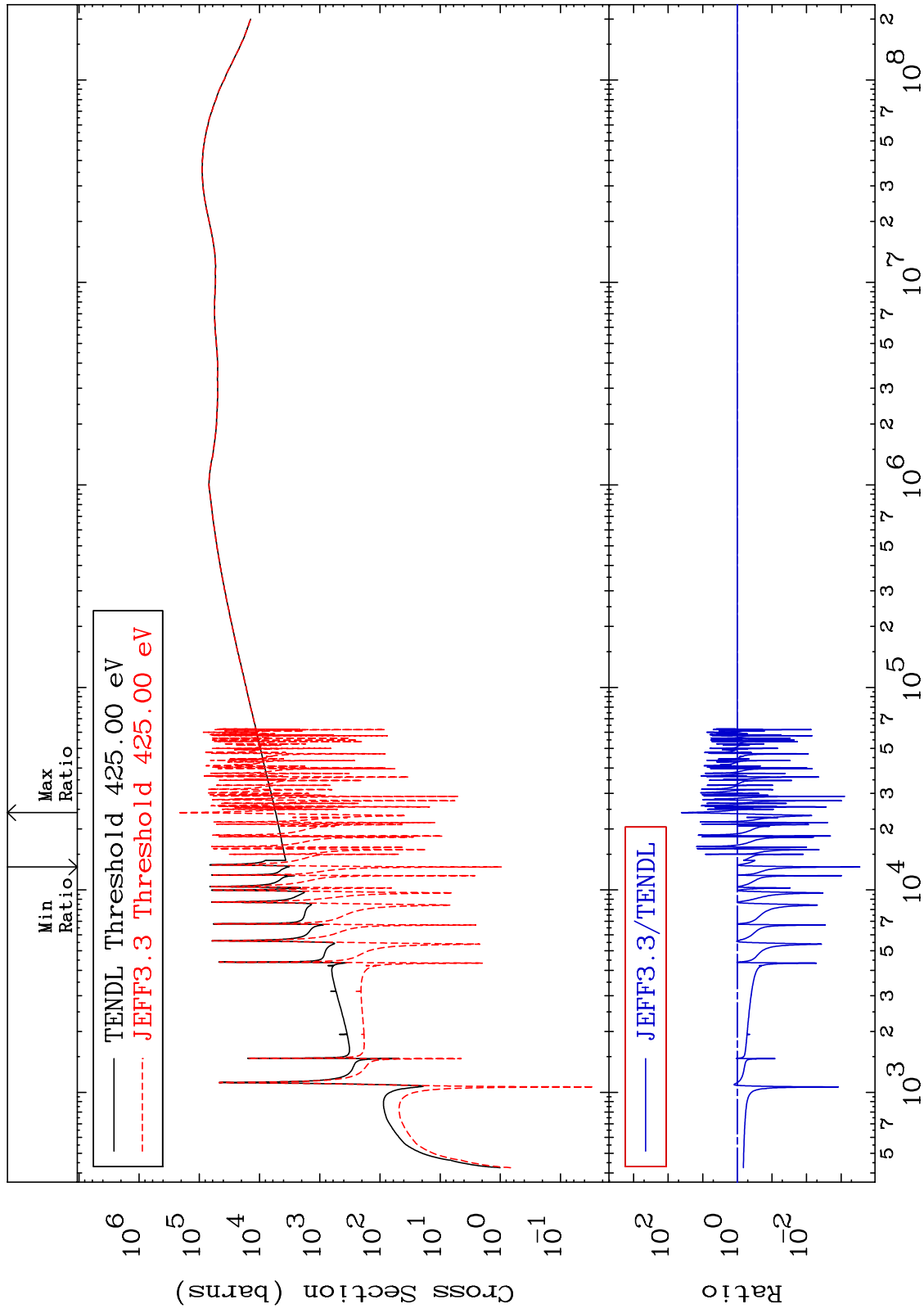
Incident Energy (eV)

32-Ge-70

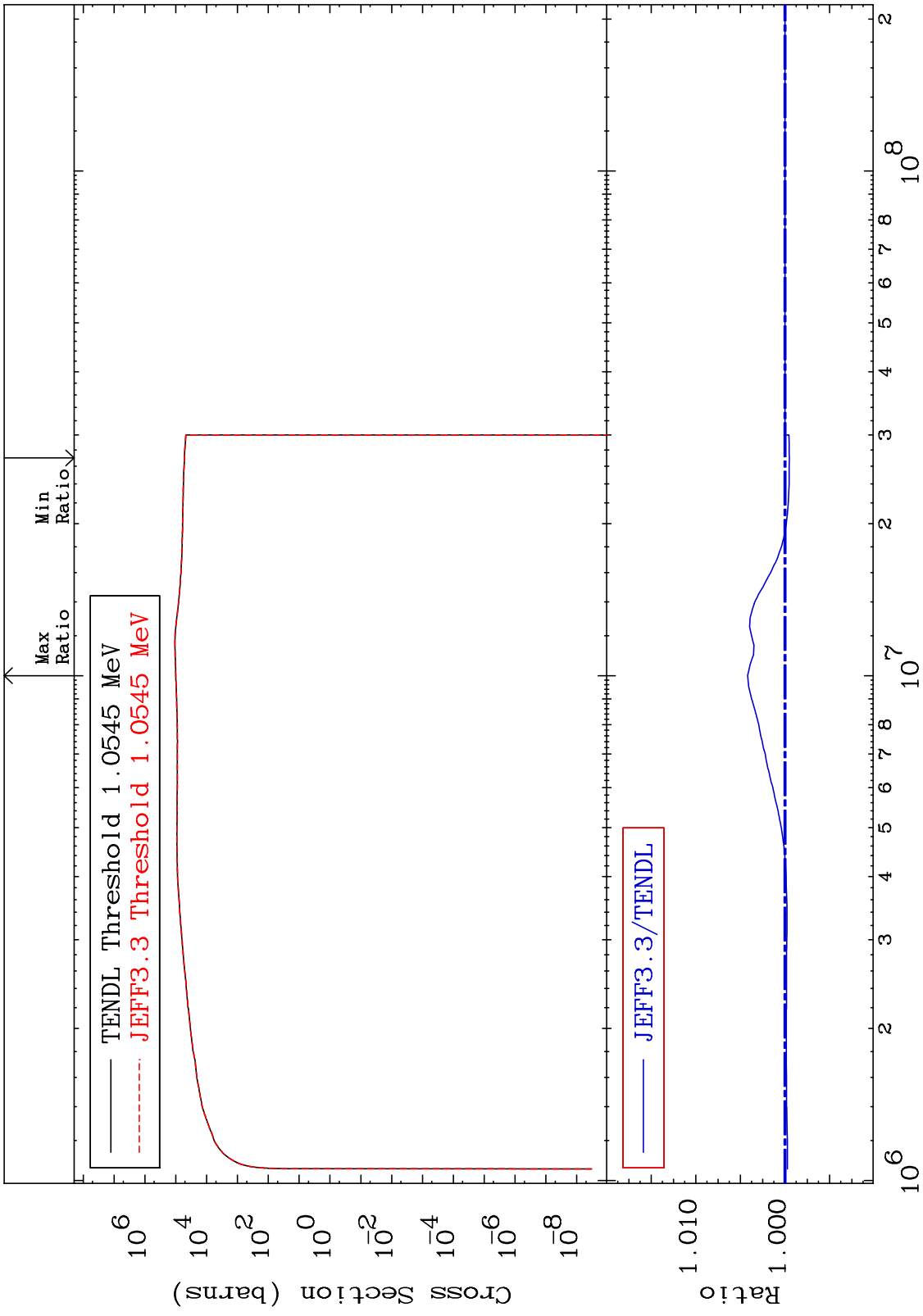
MAT 3225

Dpa elastic (mt2)
Cross Section

32-Ge-70
-99.97 To 4091. %



MAT 3225 Dpa inelastic (mt51-91) 32-Ge-70
Cross Section -0.047 To 0.420 %

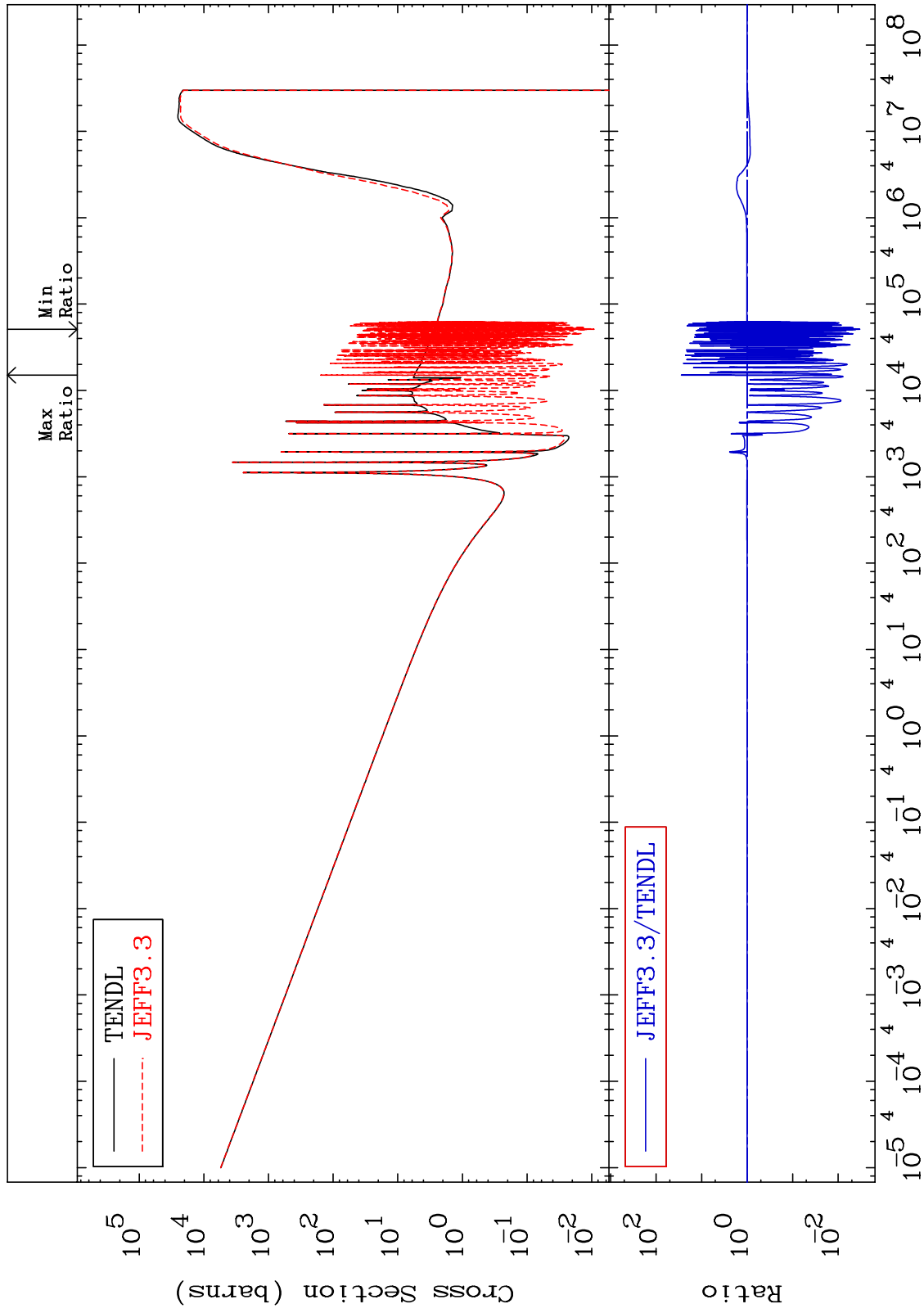


77 Incident Energy (eV) 32-Ge-70

MAT 3225

Dpa disappearance (mt102 -120)
Cross Section

32-Ge-70
-99.67 To 2705. %



78

Incident Energy (eV)

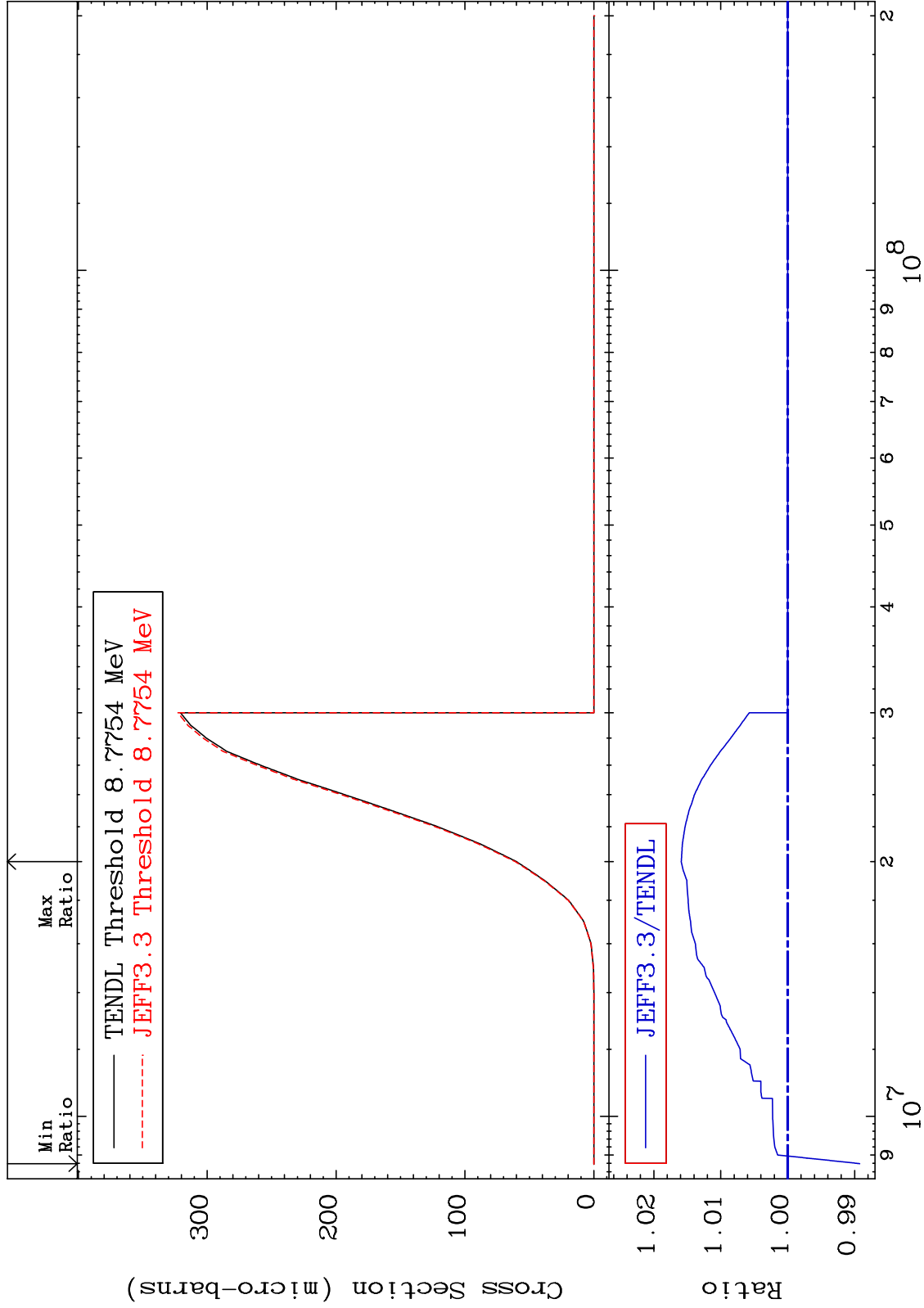
32-Ge-70

MAT 3225

(n,2p):30-Zn-69g

32-Ge-70

Radionuclide Production Cross Section -1.077 To 1.590 %



79

Incident Energy (eV)

32-Ge-70

MAT 3225

(n,2p):30-Zn-69m1

32-Ge-70

Radionuclide Production Cross Section 0.000 To 1.606 %

