

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

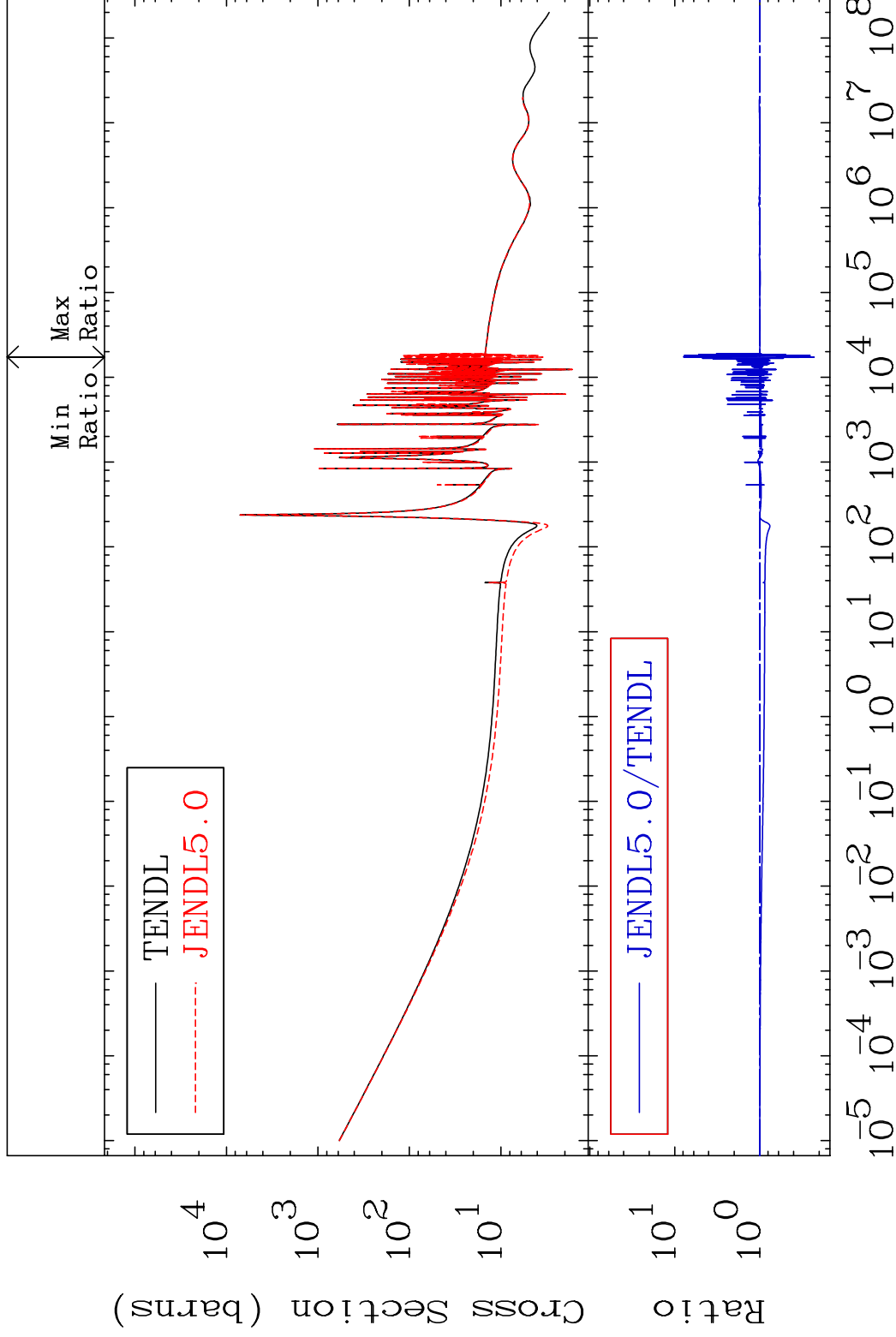
MAT 8125

Total

81-T1-203

Cross Section

-77.06 To 687.0 %



1

Incident Energy (eV)

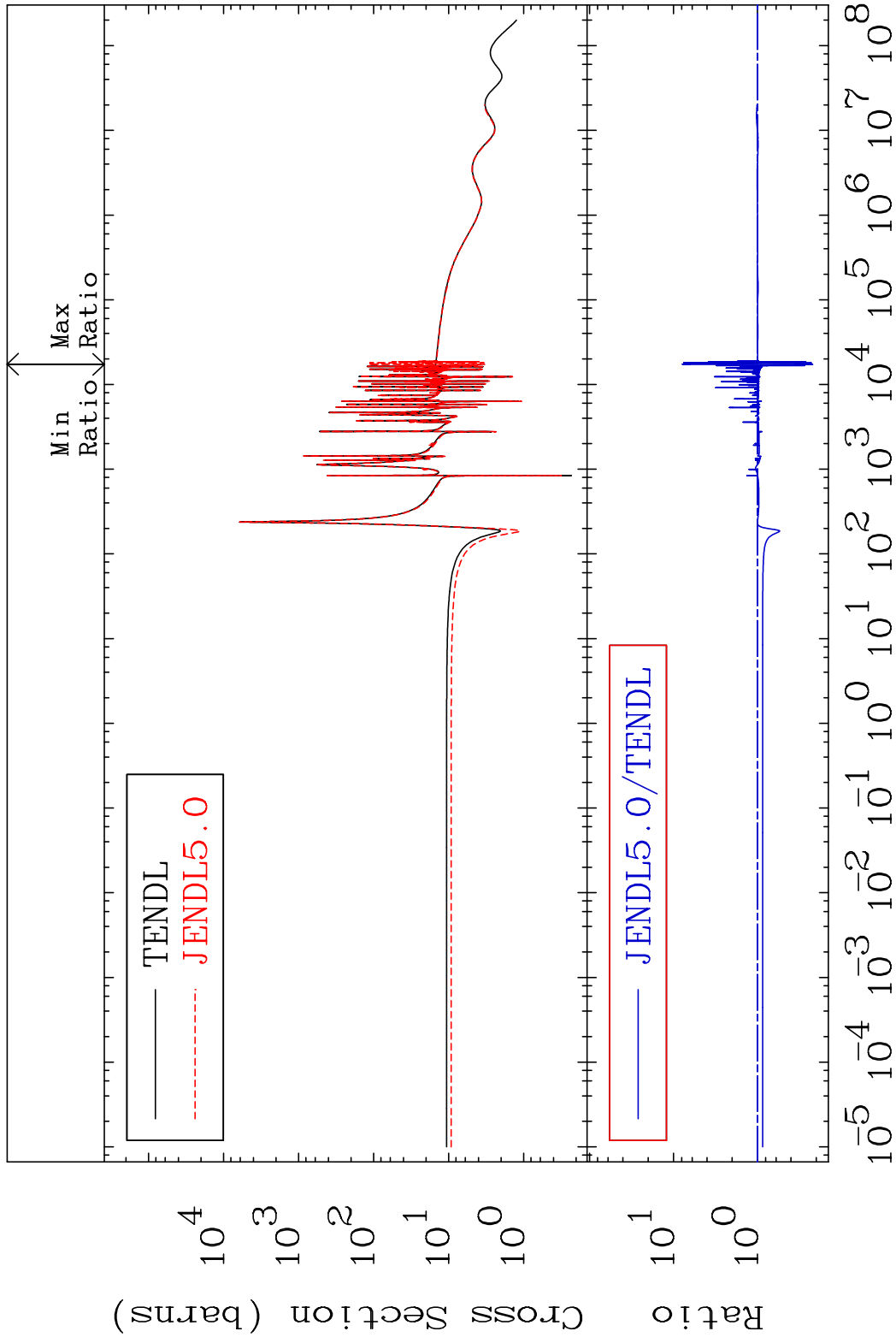
81-T1-203

MAT 8125

Elastic

81-T1-203

Cross Section -77.89 To 684.4 %



2

Incident Energy (eV)

81-T1-203

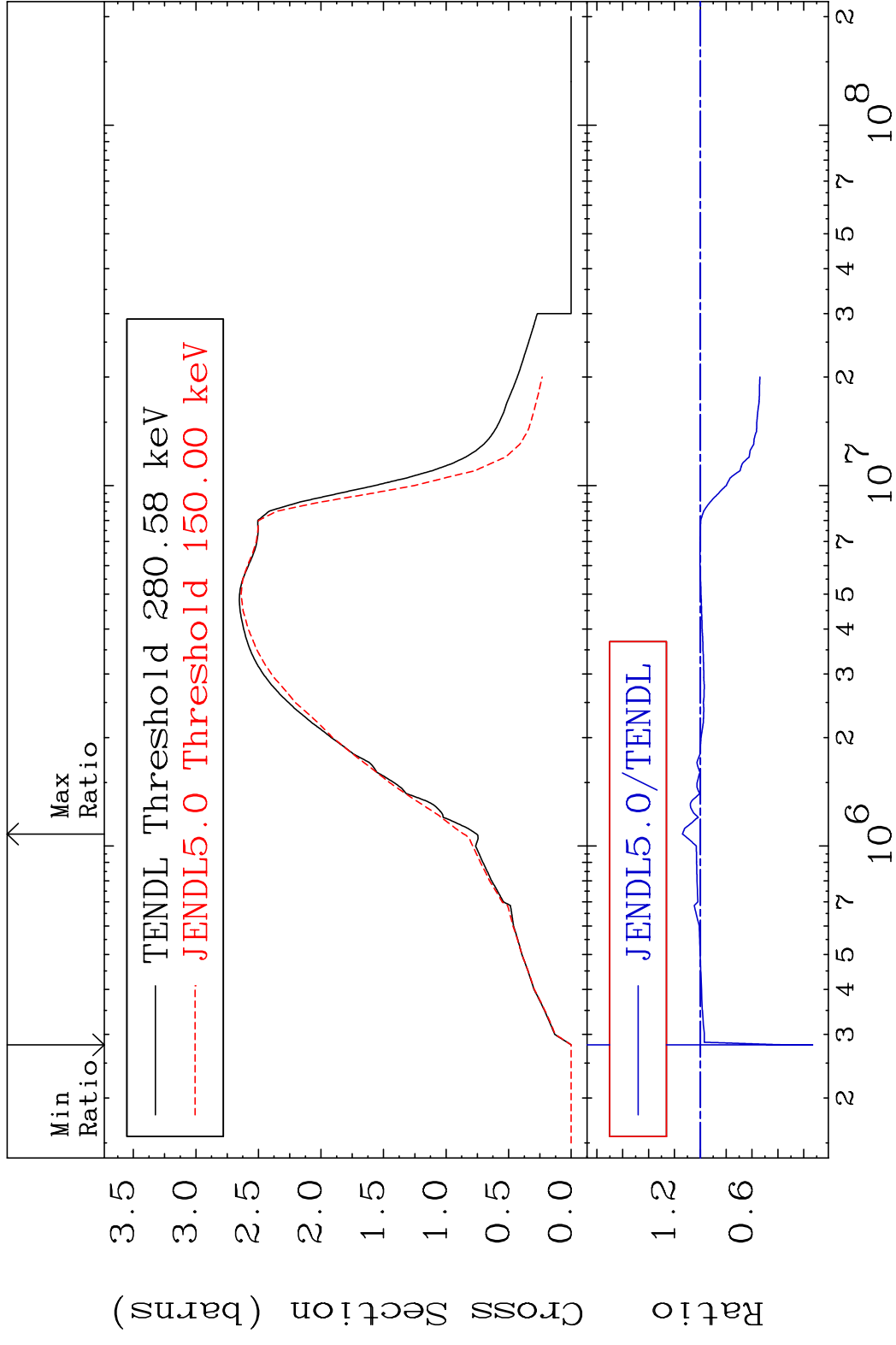
MAT 8125

Inelastic

81-Tl-203

Cross Section

-86.79 To 13.88 %

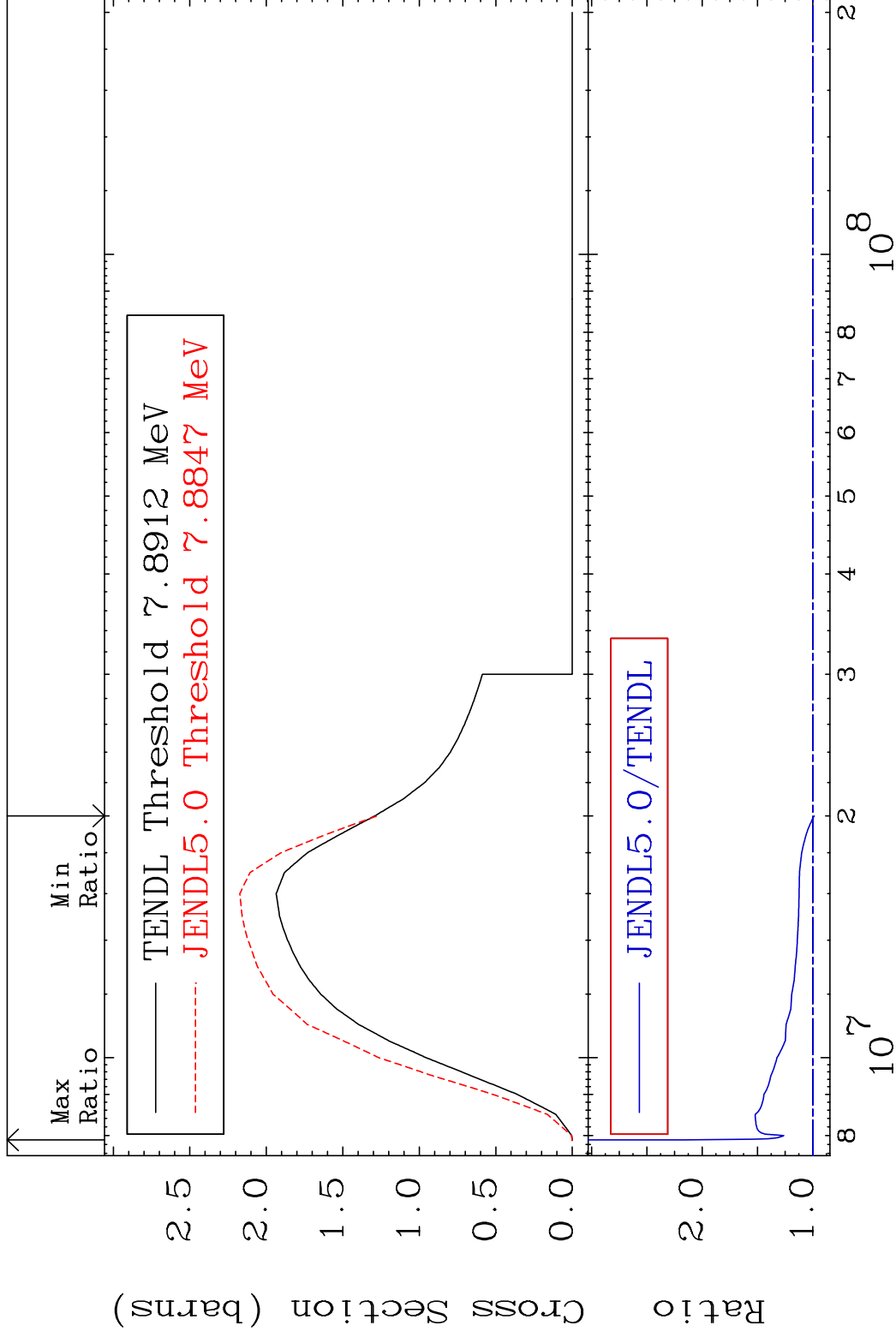


MAT 8125

(n,2n)

81-Tl-203

Cross Section -1.273 To 116.7 %



4

Incident Energy (eV)

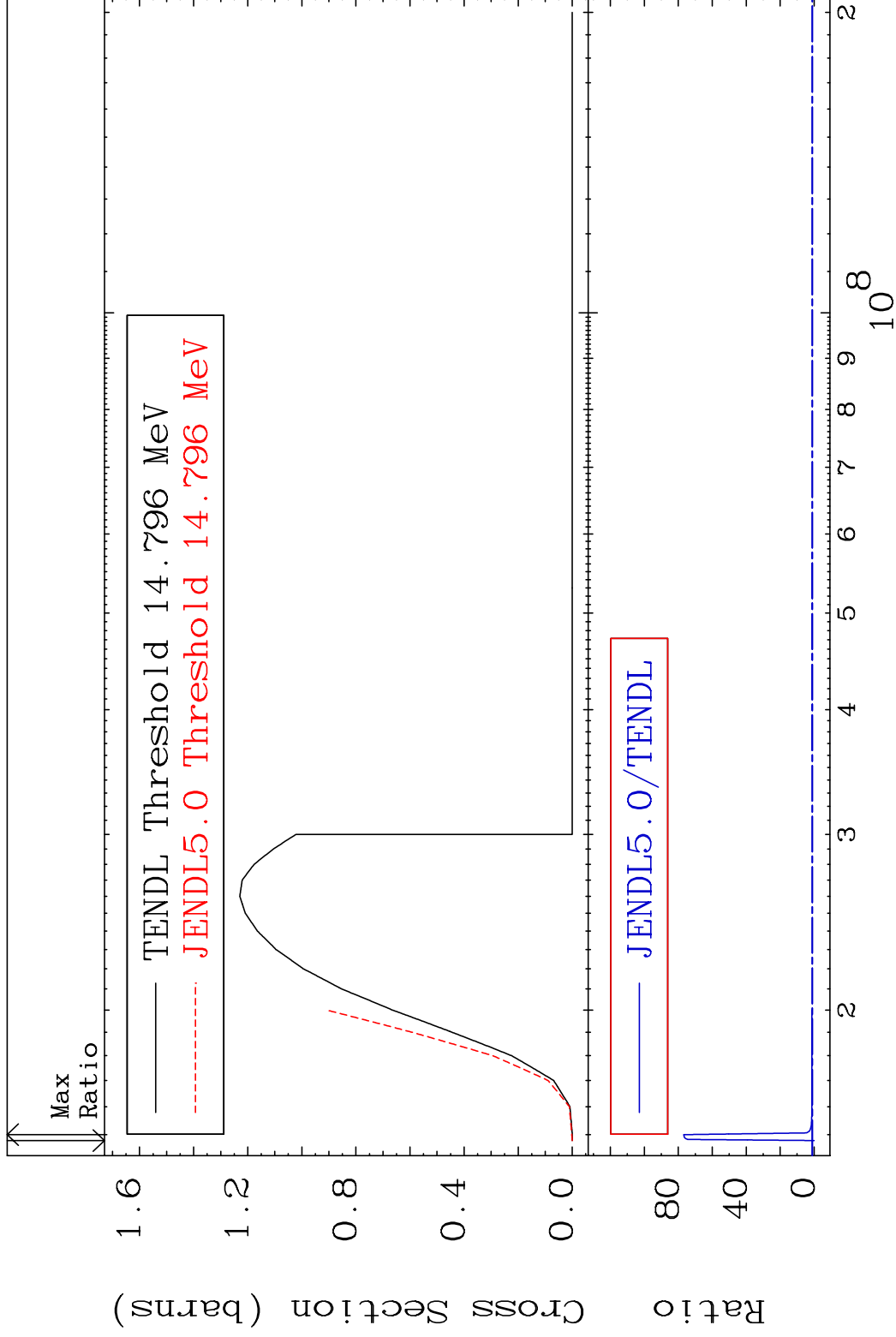
81-Tl-203

MAT 8125

(n,3n)

81-Tl-203

Cross Section -100.0 To 7584. %



5

Incident Energy (eV)

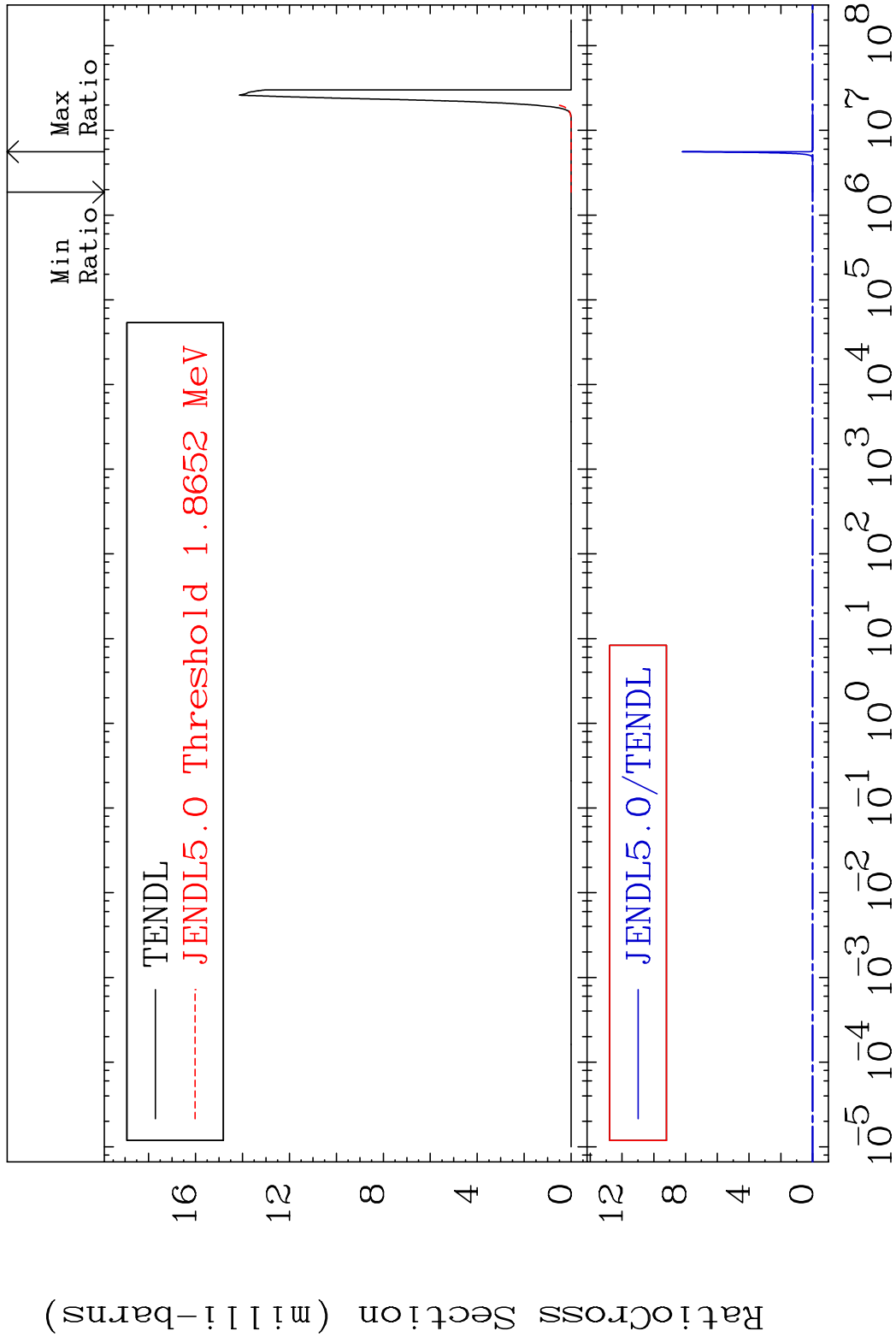
81-Tl-203

MAT 8125

(n, n') α

81-Tl-203

Cross Section -100.0 To 9999. %

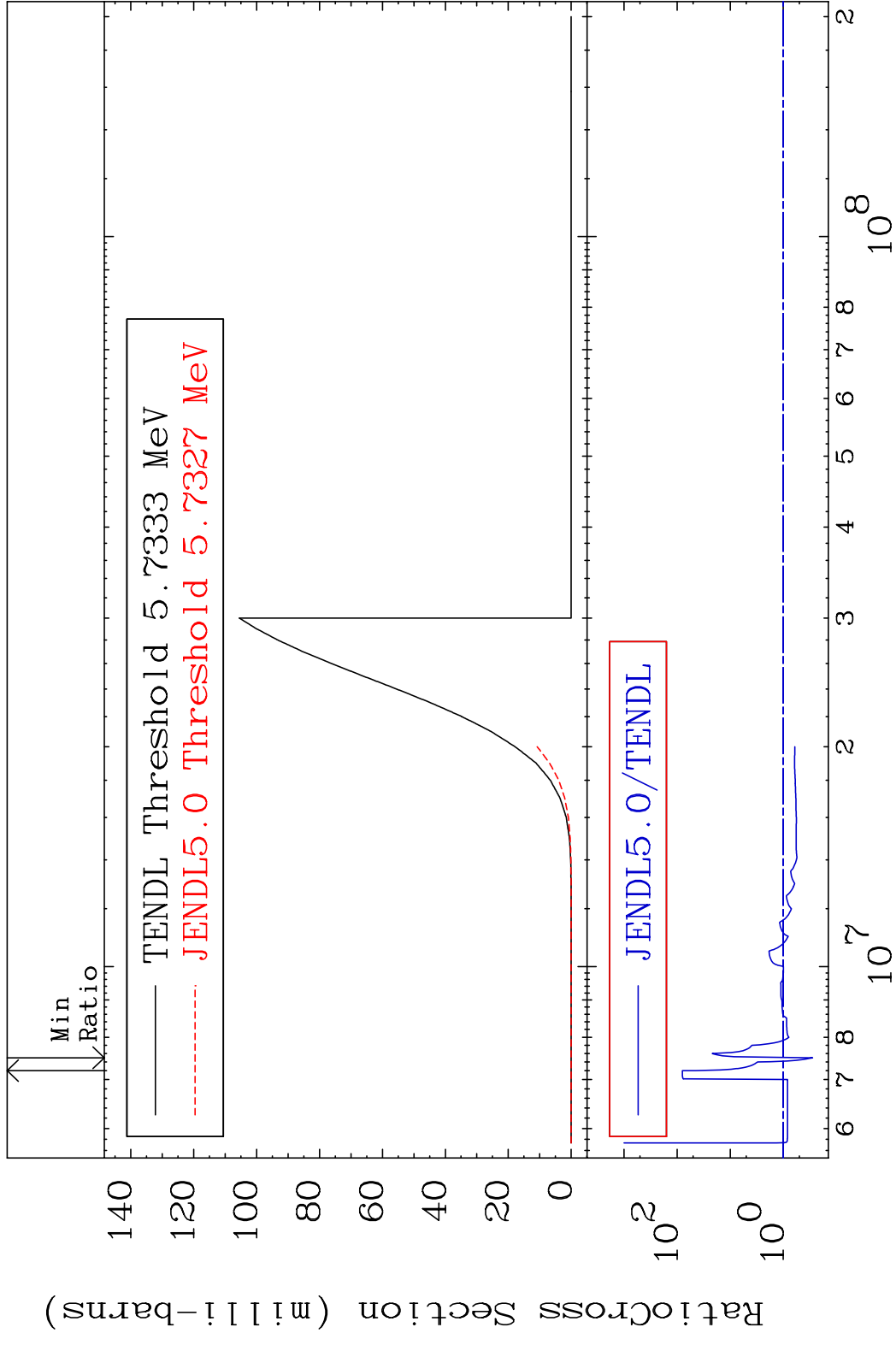


6

Incident Energy (eV)

81-Tl-203

MAT 8125 (n, n') p 81-Tl-203
 Cross Section -71.89 To 7849. %

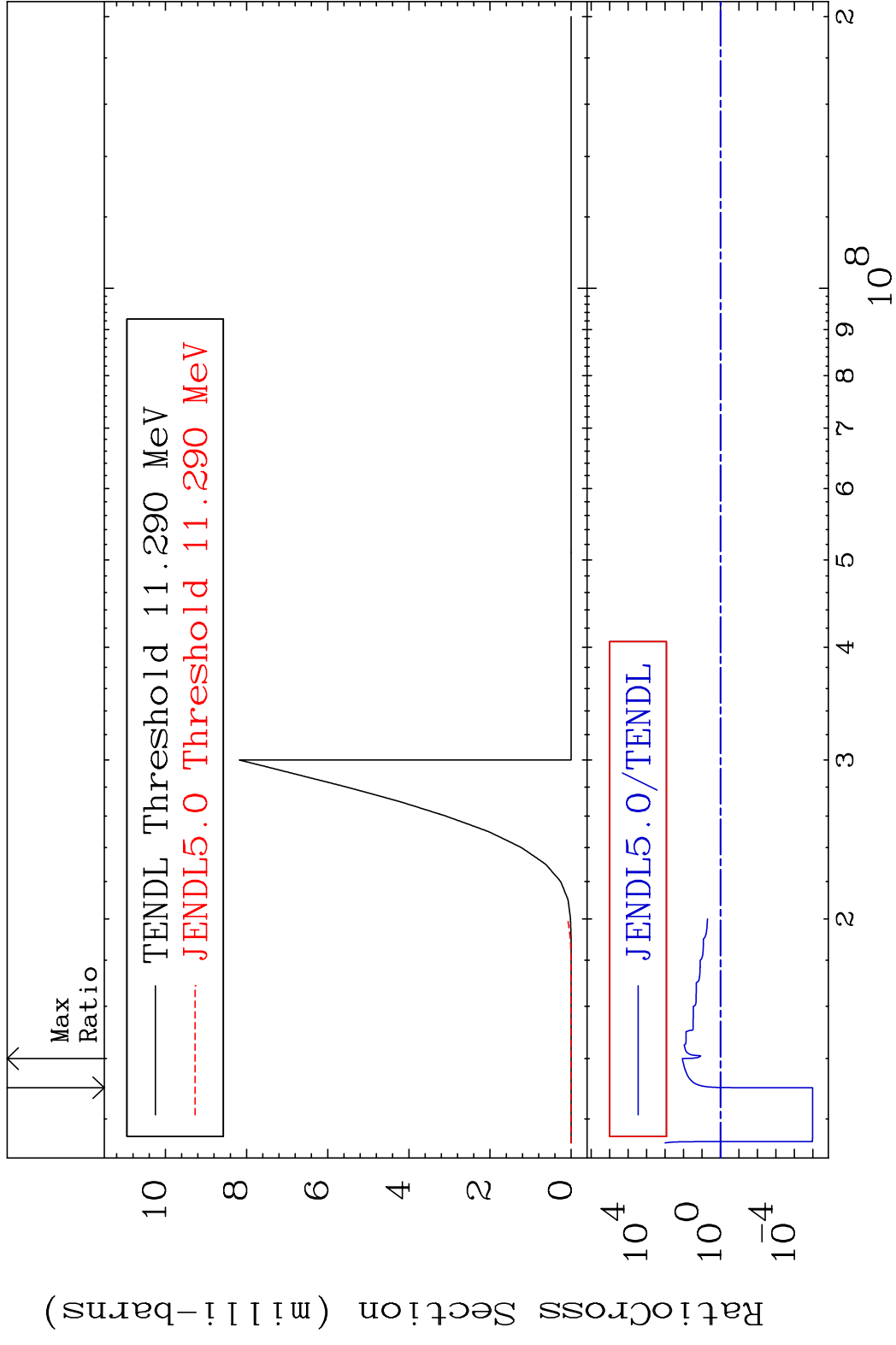


MAT 8125

(n, n') d

81-Tl-203

Cross Section -100.0 To 9999. %

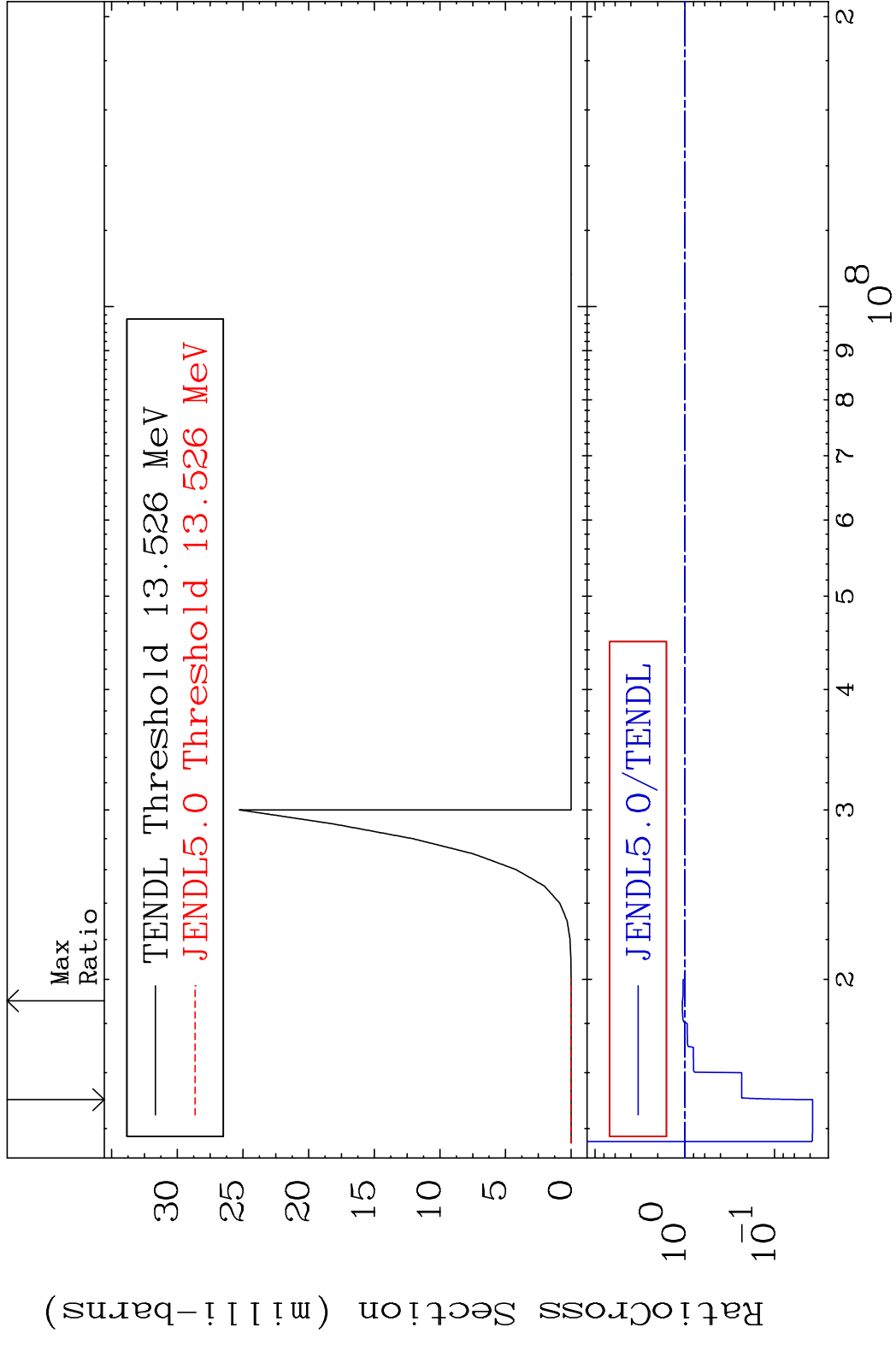


MAT 8125

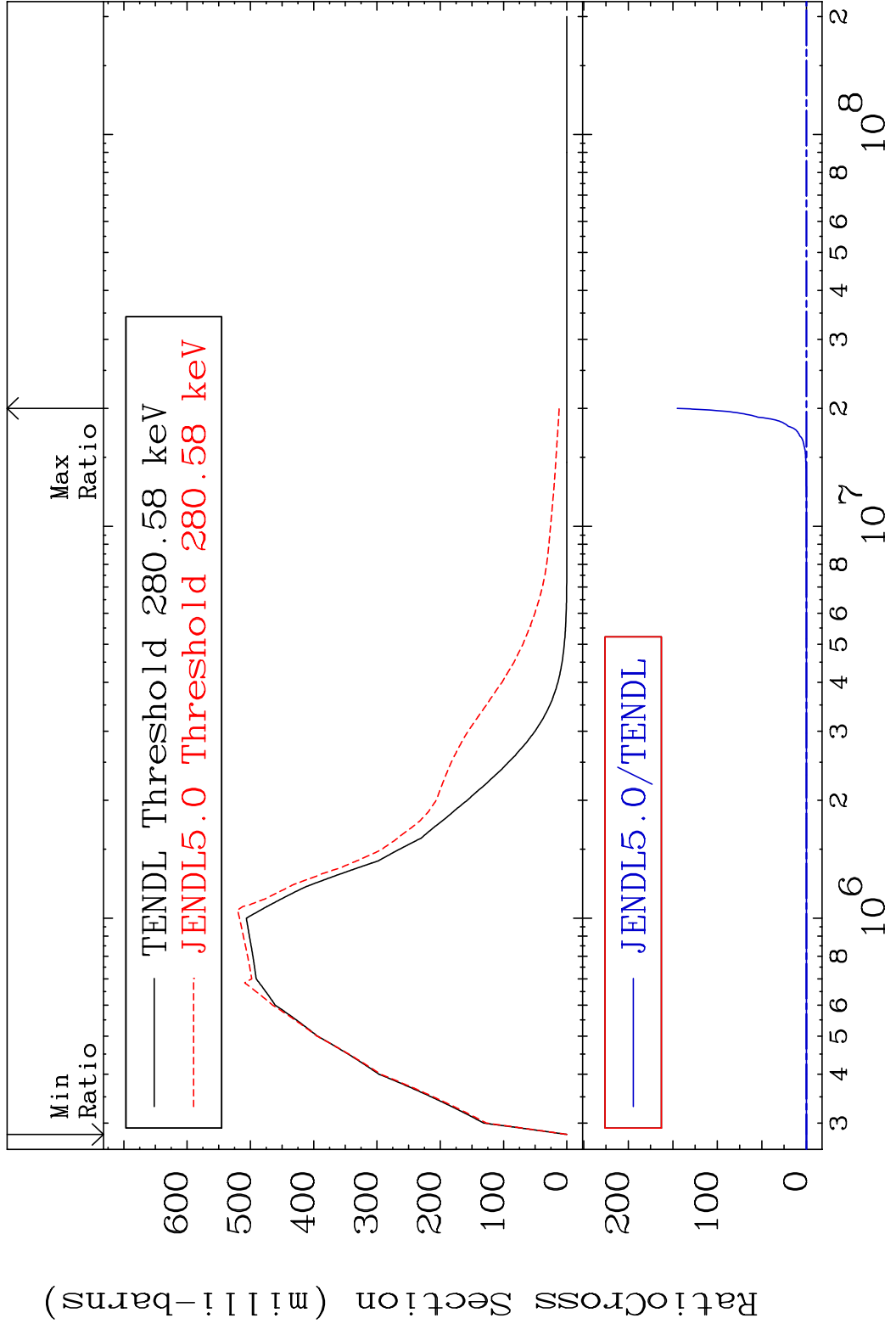
(n,2n) p

81-Tl-203

Cross Section -96.24 To 6.457 %

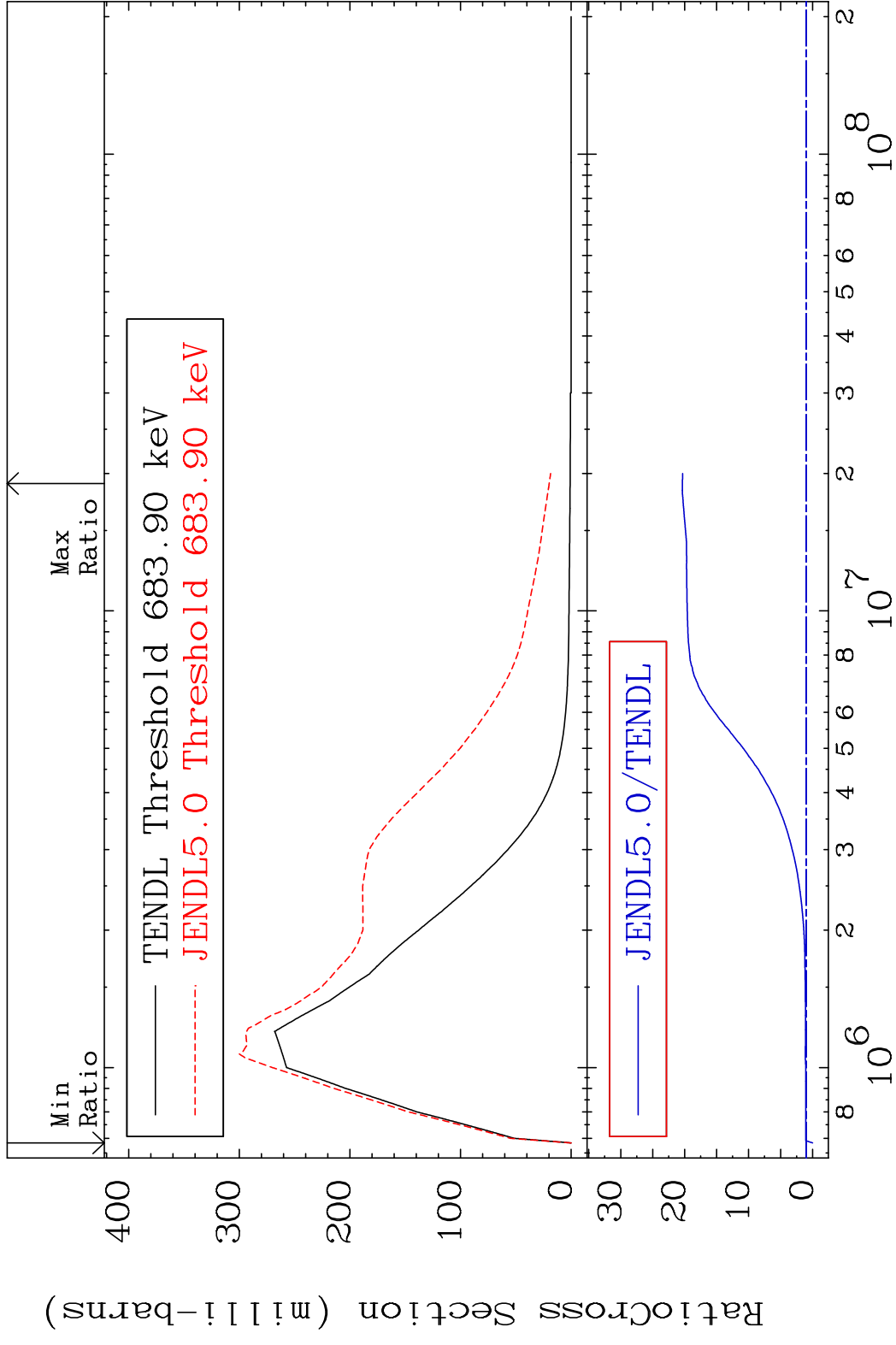


MAT 8125 MT= 51 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 9999. %

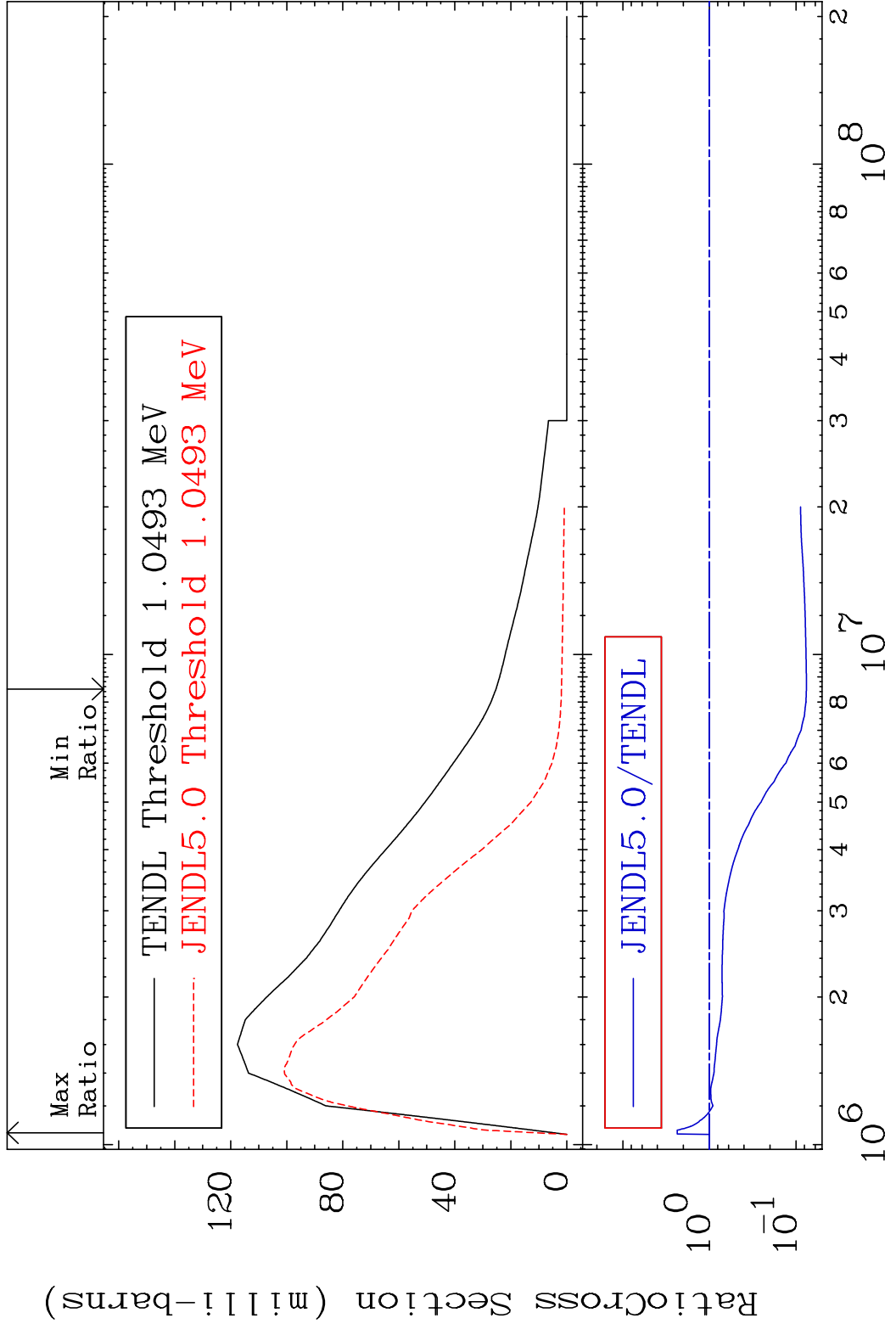


10 Incident Energy (eV) 81-Tl-203

MAT 8125 MT= 52 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 1936. %

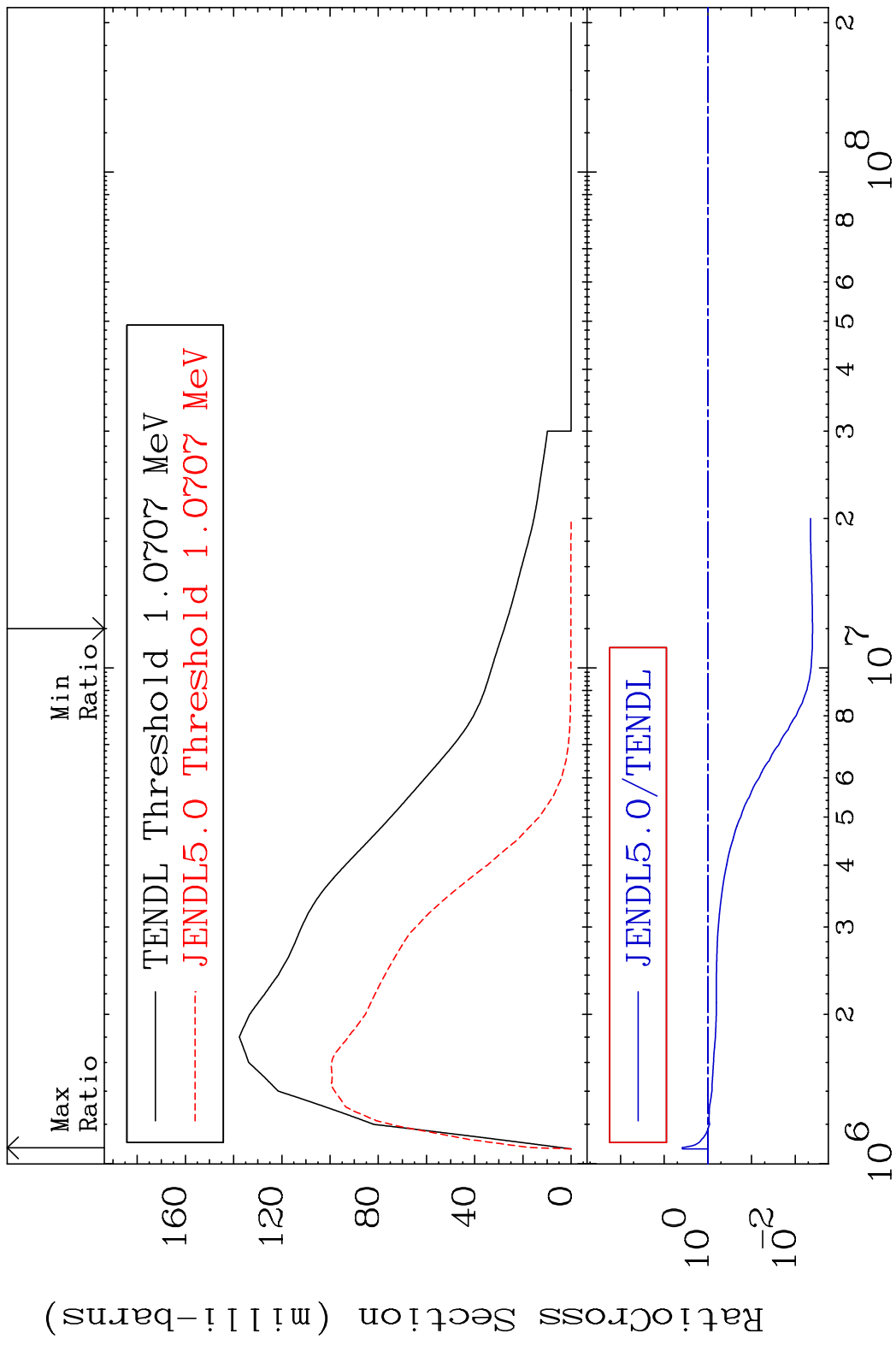


MAT 8125 MT= 53 (n, n') Level 81-Tl-203
 Cross Section -92.42 To 136.0 %



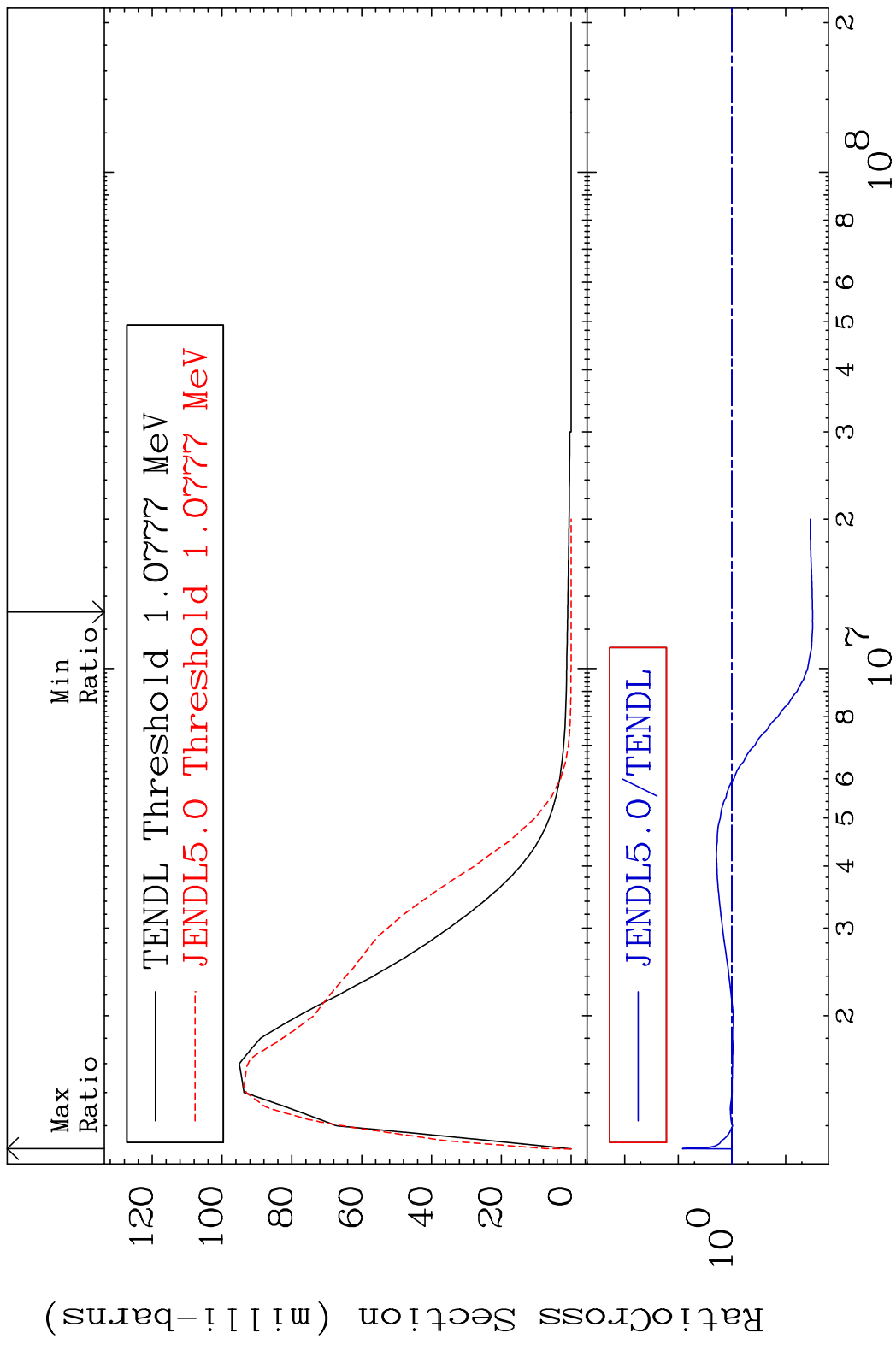
12 Incident Energy (eV) 81-Tl-203

MAT 8125 MT= 54 (n, n') Level 81-Tl-203
 Cross Section -99.60 To 283.8 %

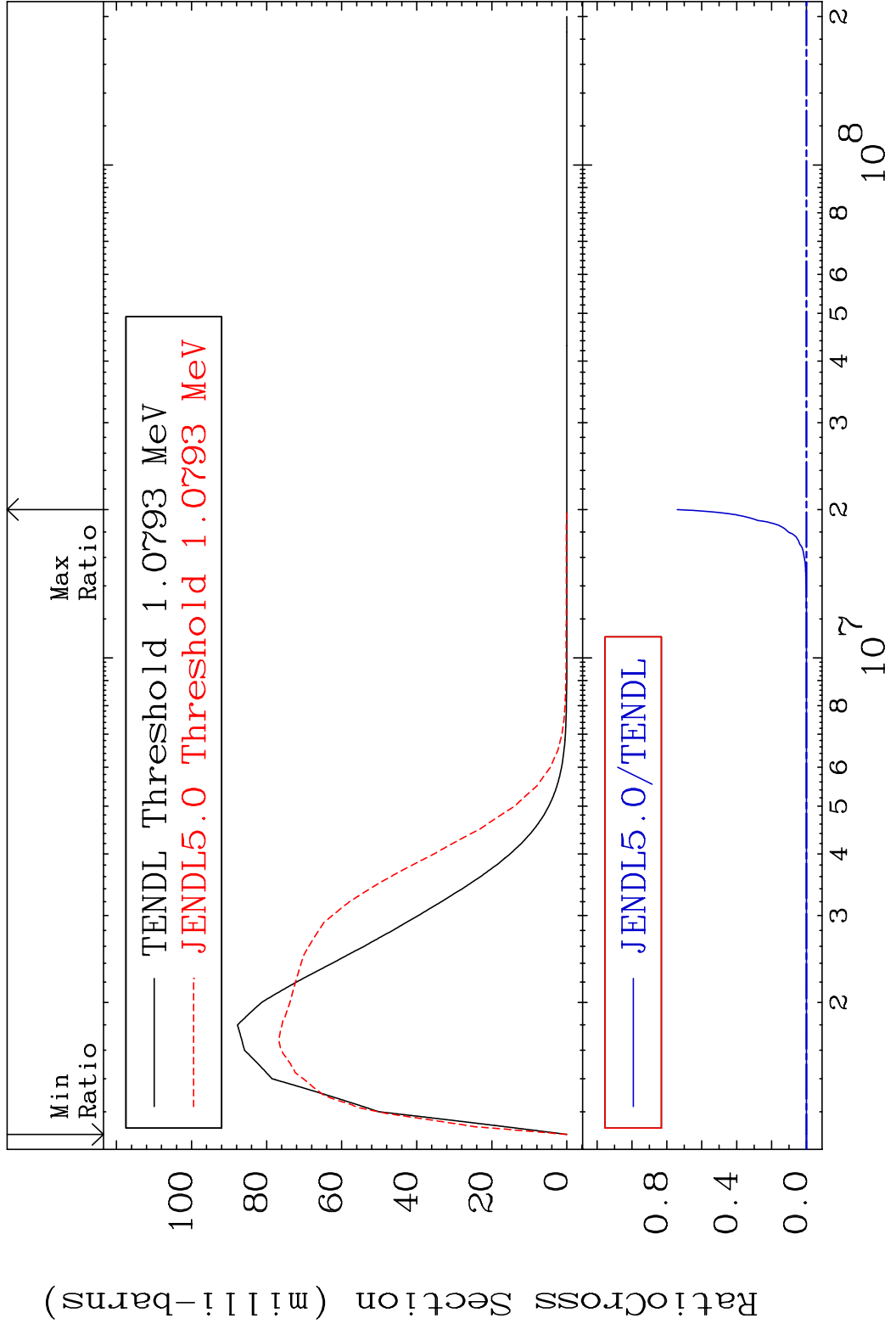


13 Incident Energy (eV) 81-Tl-203

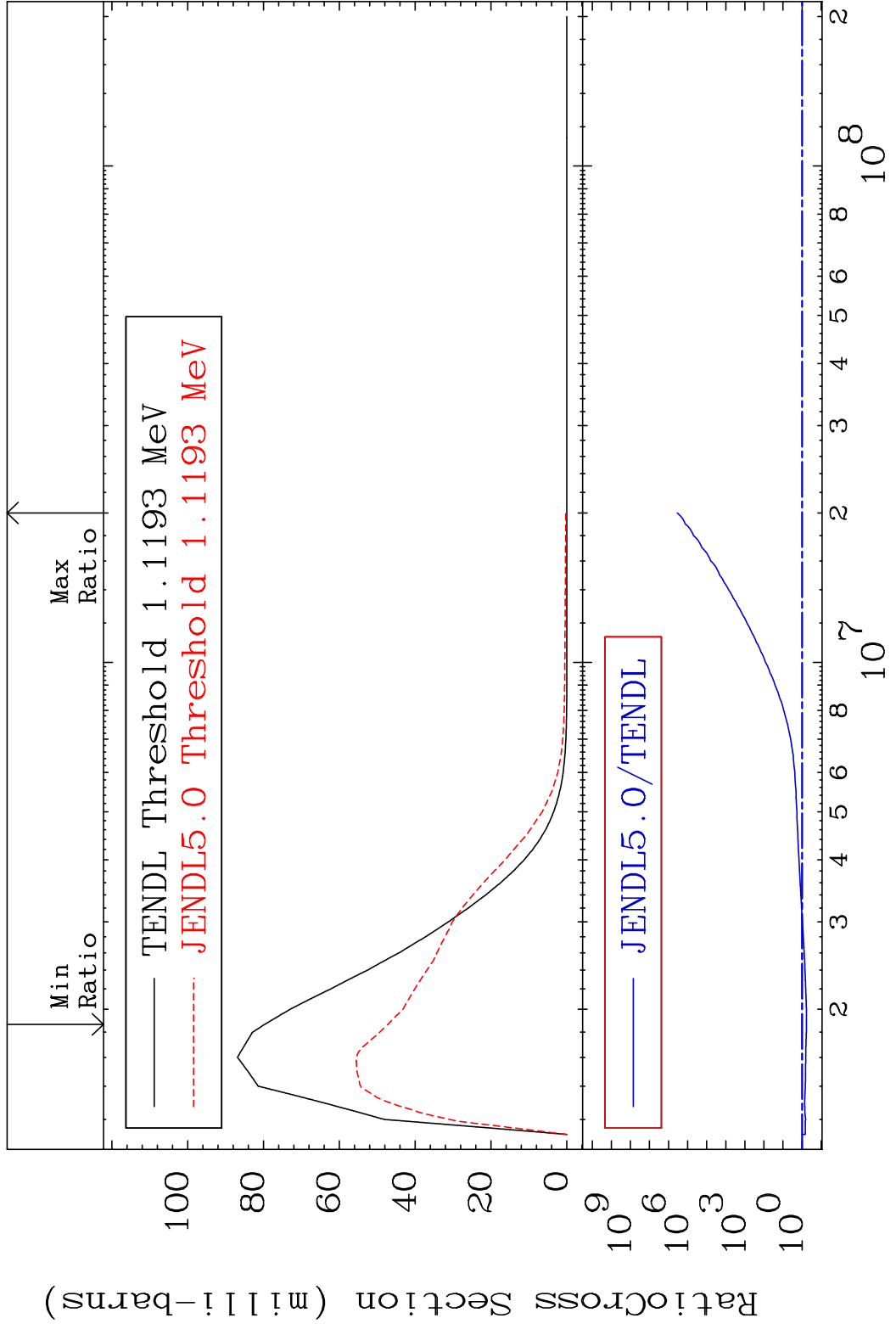
MAT 8125 MT= 55 (n, n') Level 81-Tl-203
 Cross Section -96.84 To 739.7 %



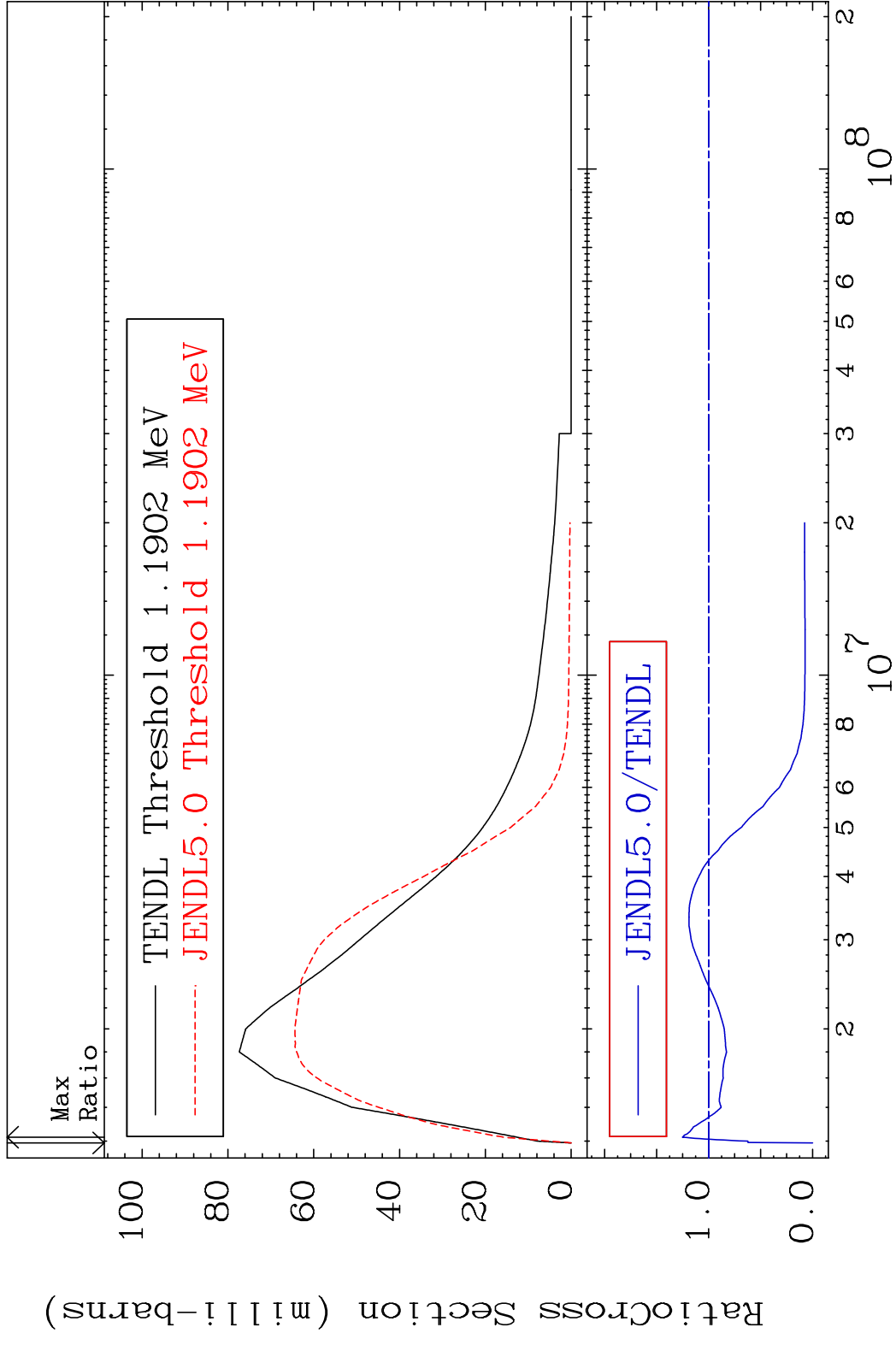
MAT 8125 MT= 56 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 9999. %



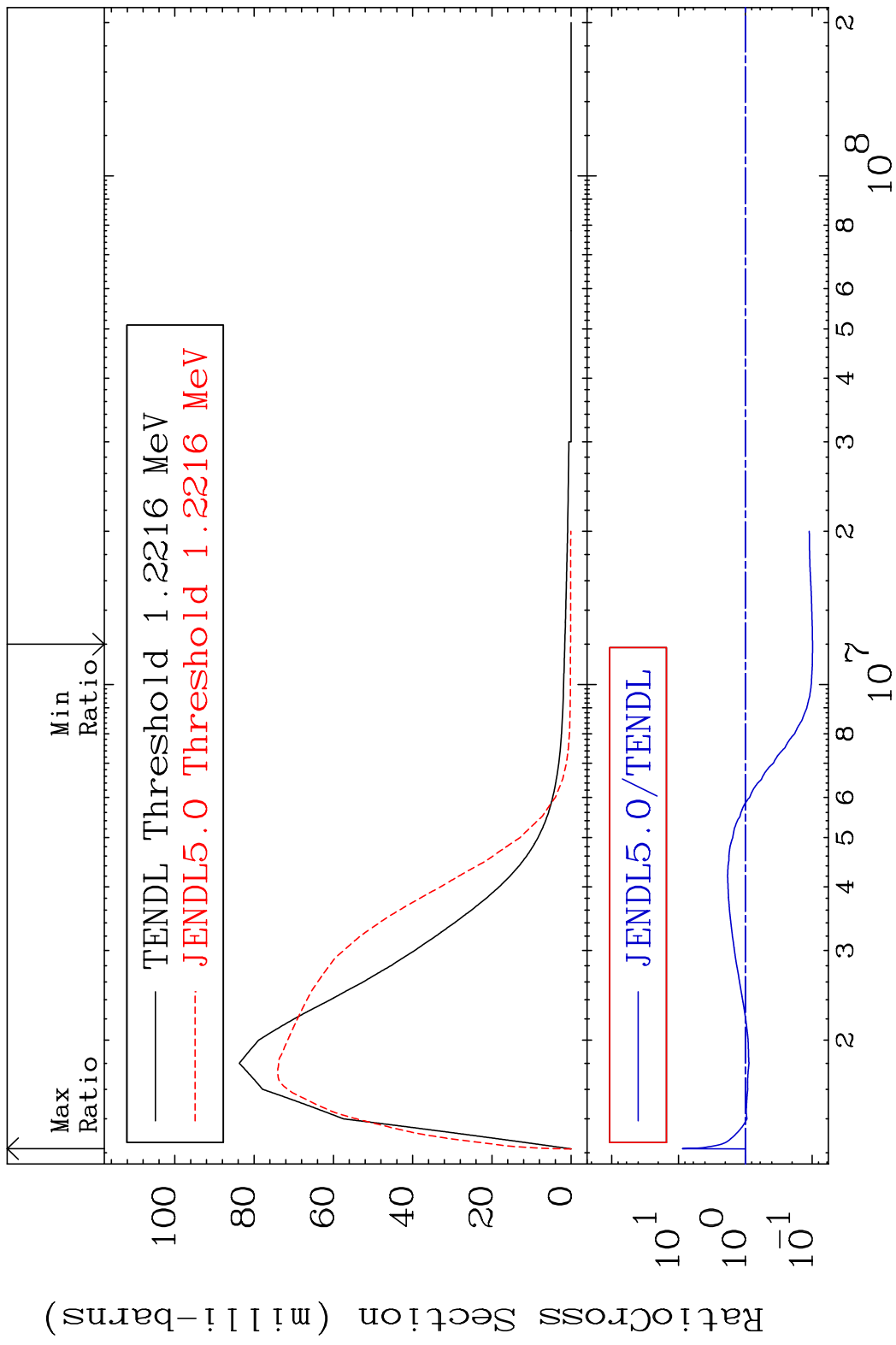
MAT 8125 MT= 57 (n, n') Level 81-Tl-203
 Cross Section -40.75 To 9999. %



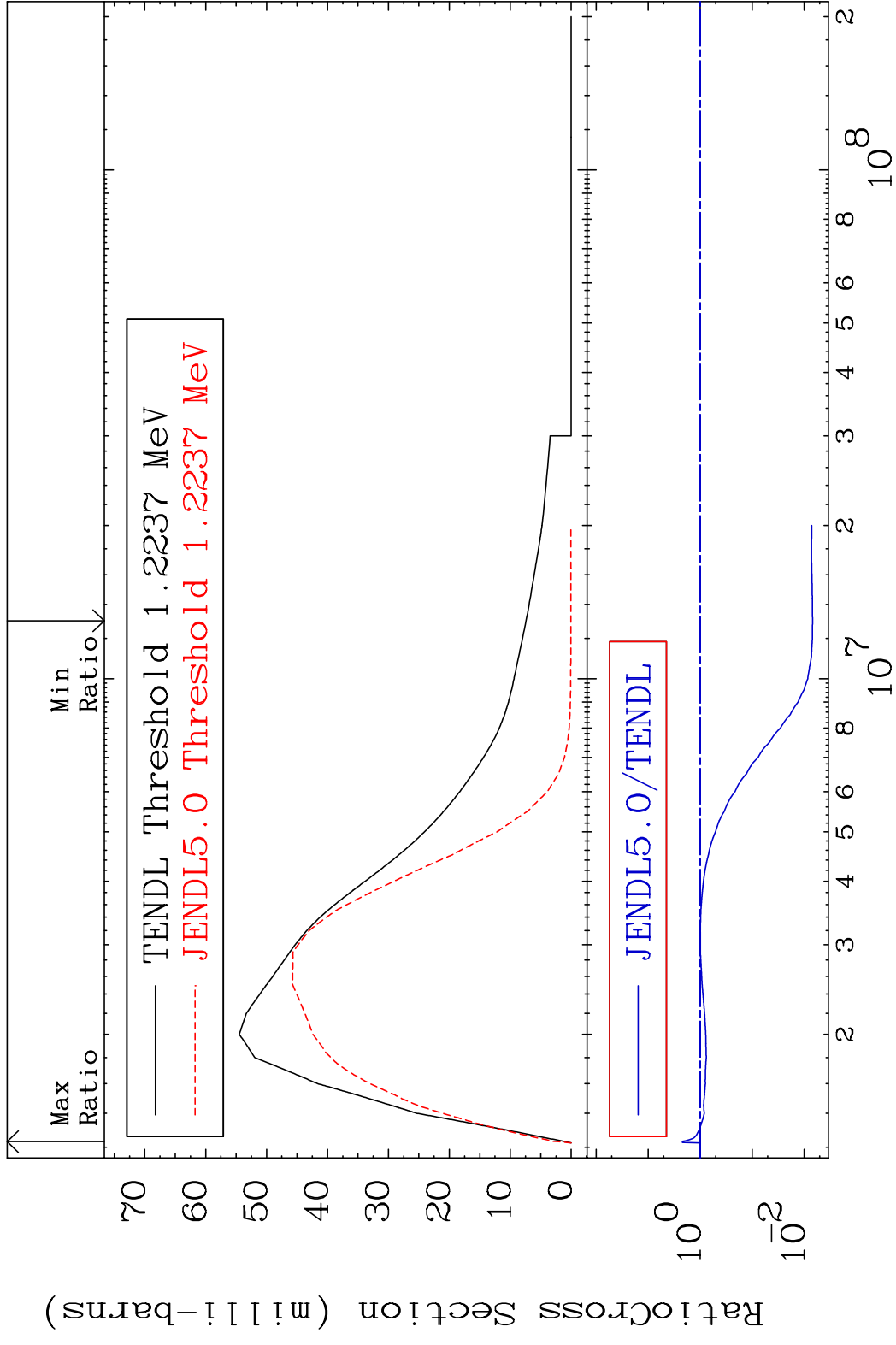
MAT 8125 MT= 58 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 25.18 %



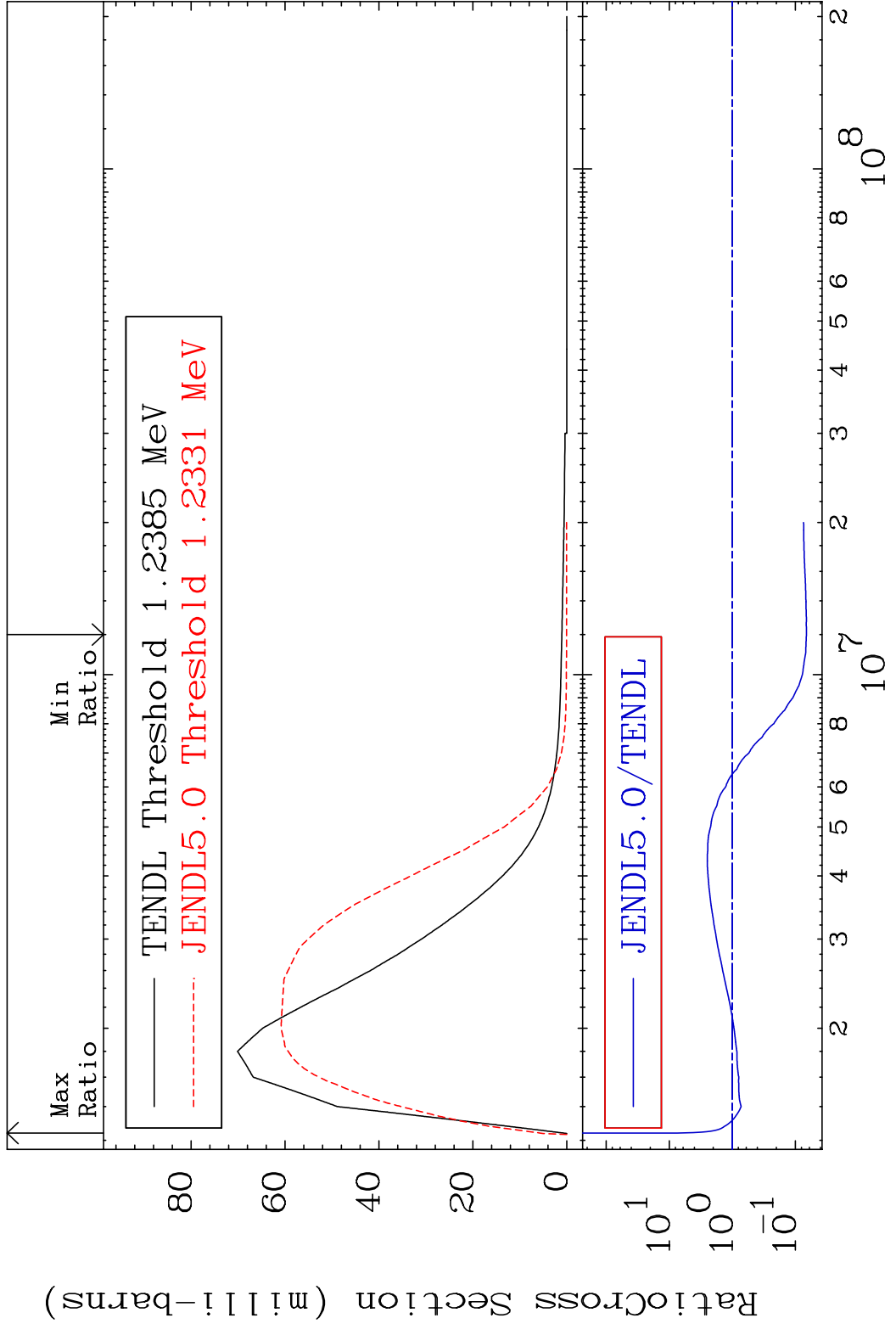
MAT 8125 MT= 59 (n, n') Level 81-Tl-203
 Cross Section -90.15 To 773.9 %



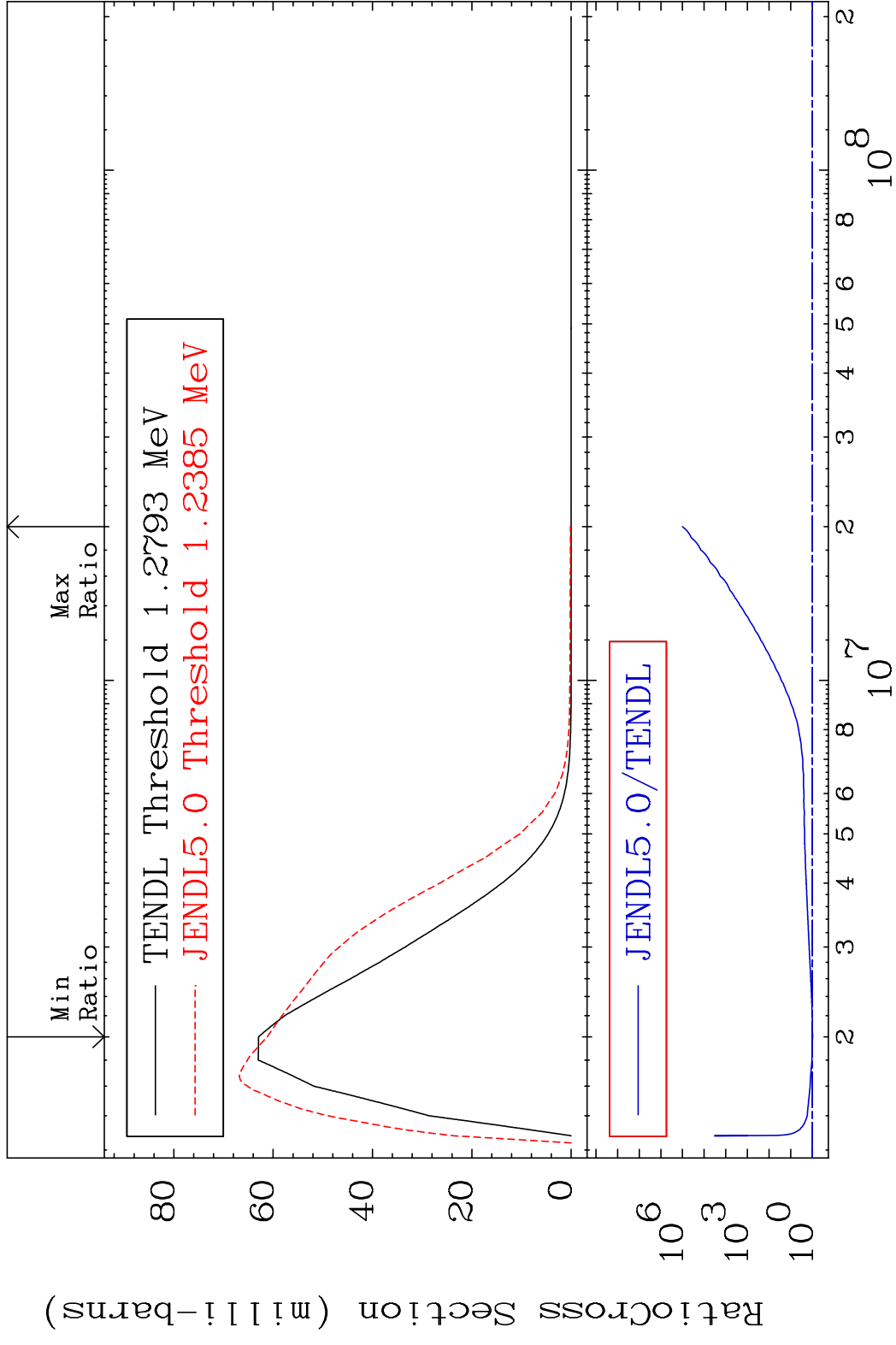
MAT 8125 MT= 60 (n, n') Level 81-Tl-203
 Cross Section -99.31 To 119.4 %



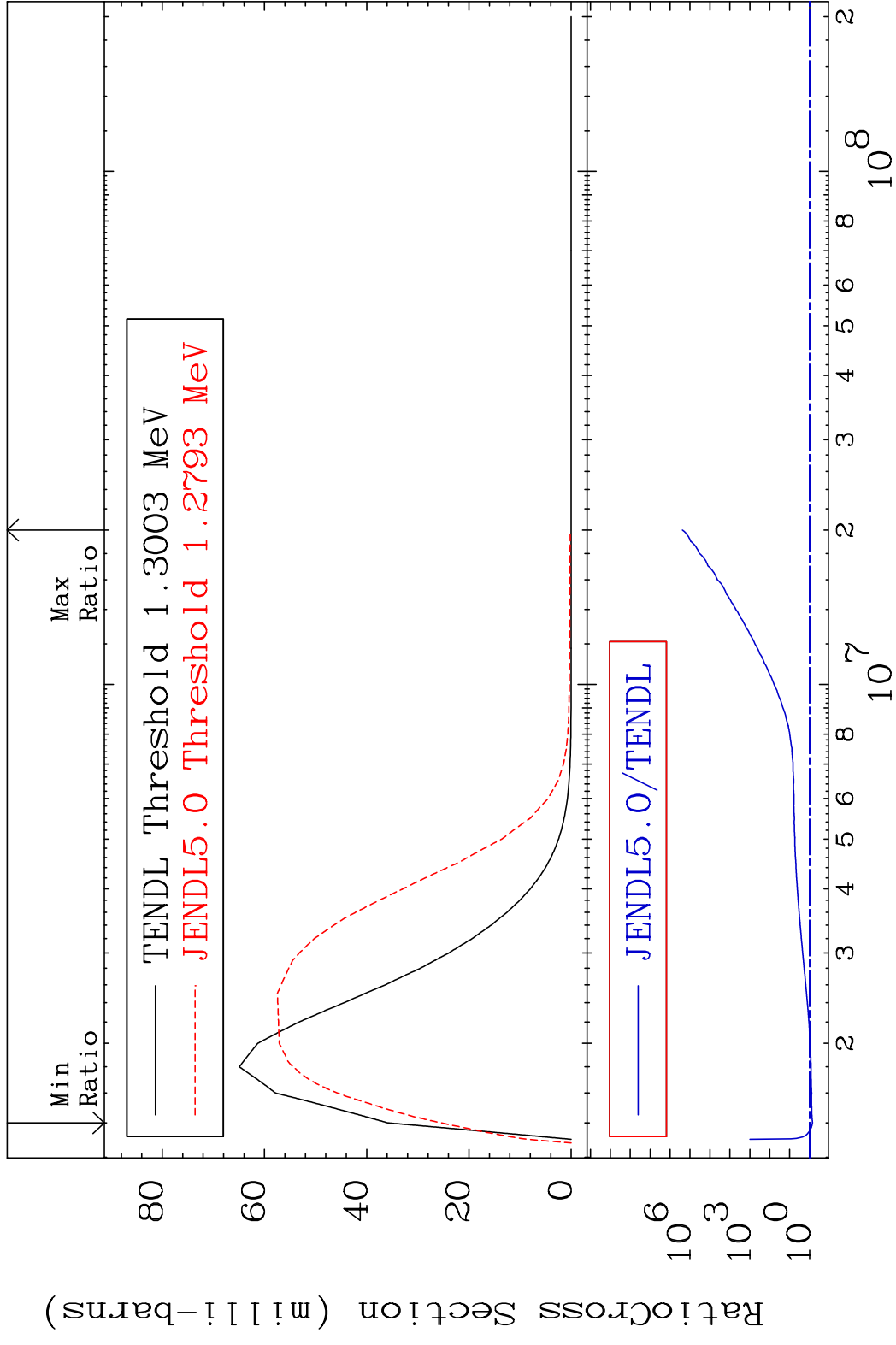
MAT 8125 MT= 61 (n, n') Level 81-Tl-203
 Cross Section -93.32 To 647.7 %



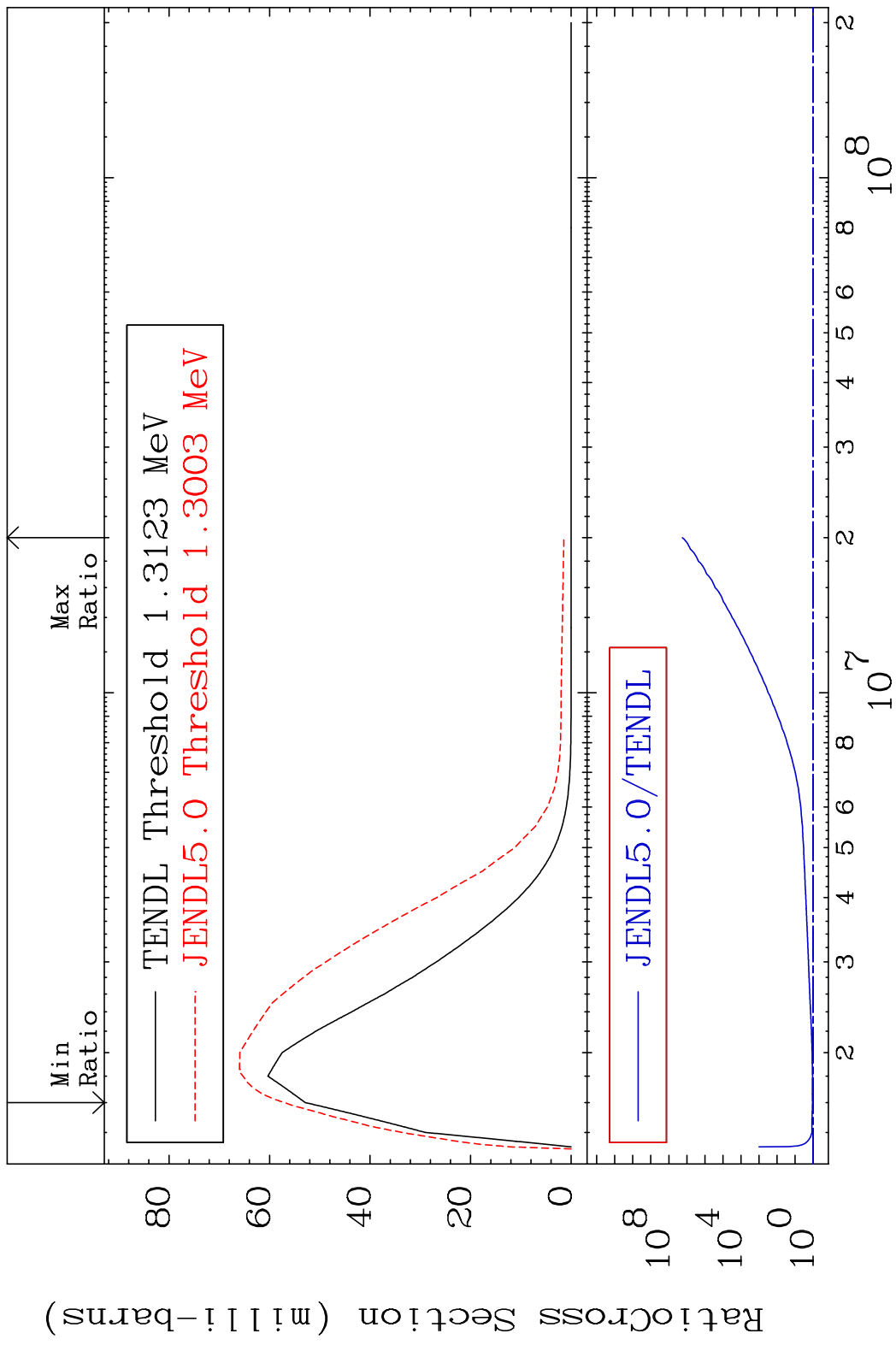
MAT 8125 MT= 62 (n, n') Level 81-T1-203
 Cross Section -2.827 To 9999. %



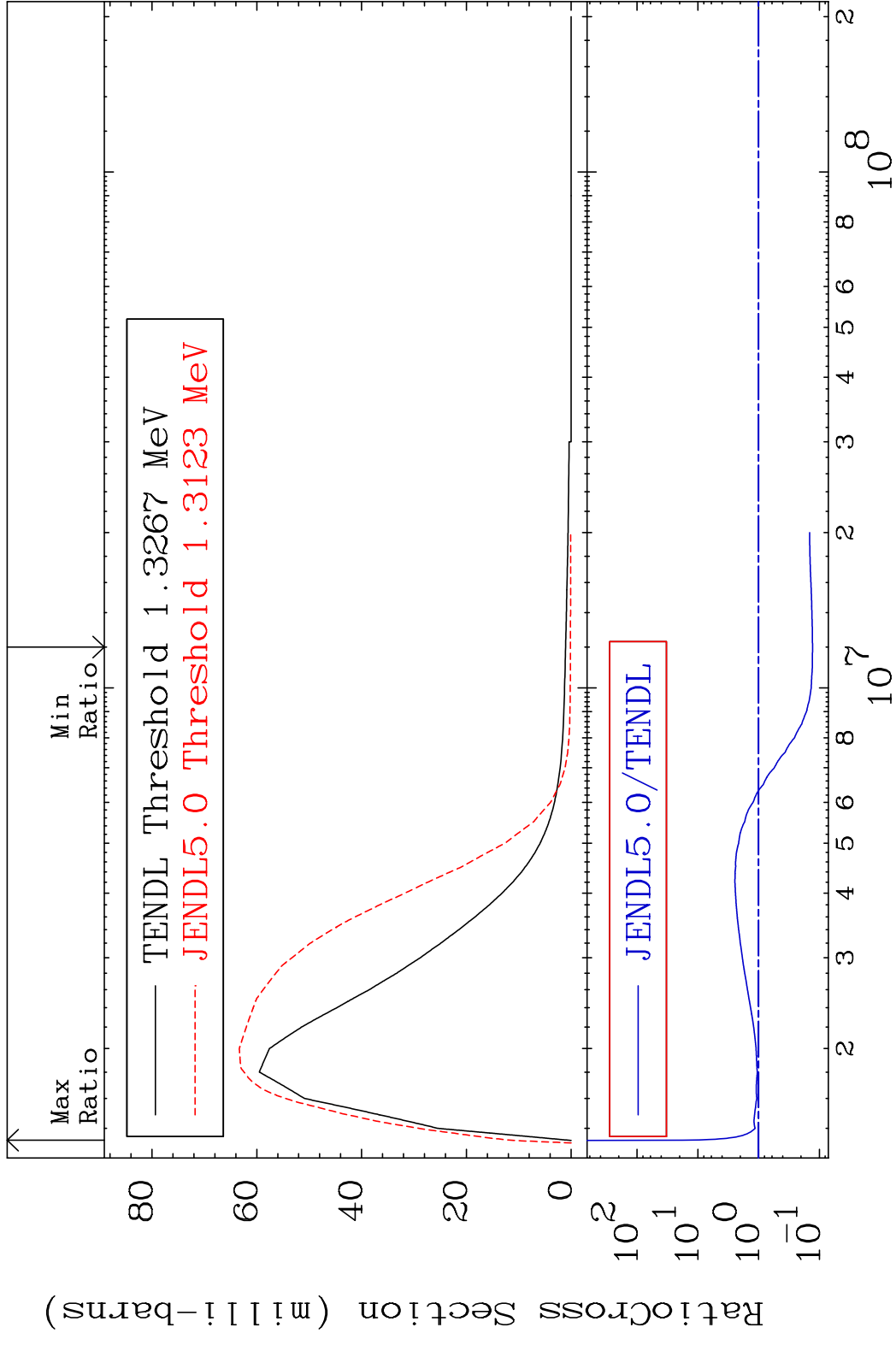
MAT 8125 MT= 63 (n, n') Level 81-Tl-203
 Cross Section -29.20 To 9999. %



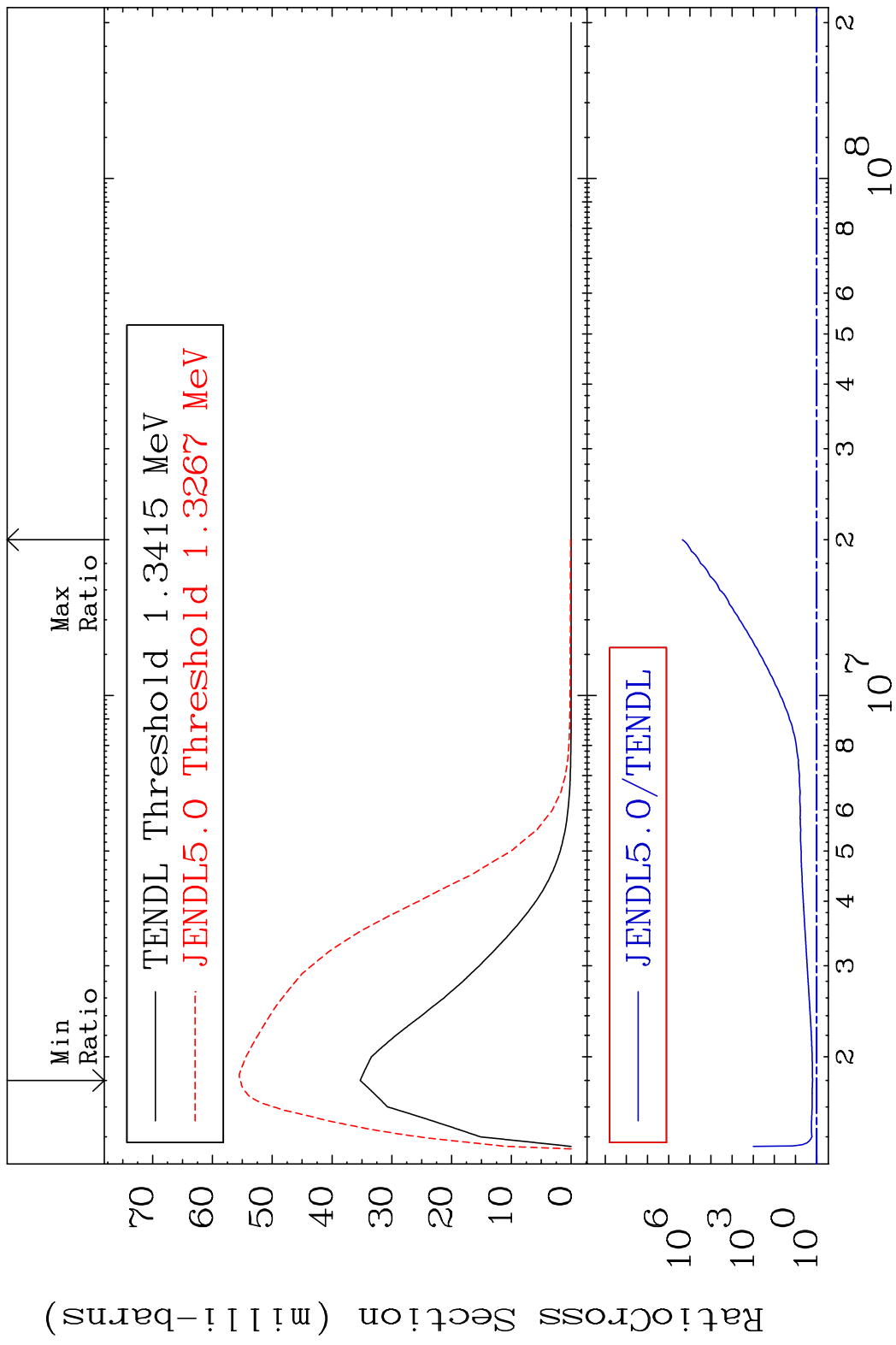
MAT 8125 MT= 64 (n, n') Level 81-Tl-203
 Cross Section 7.879 To 9999. %



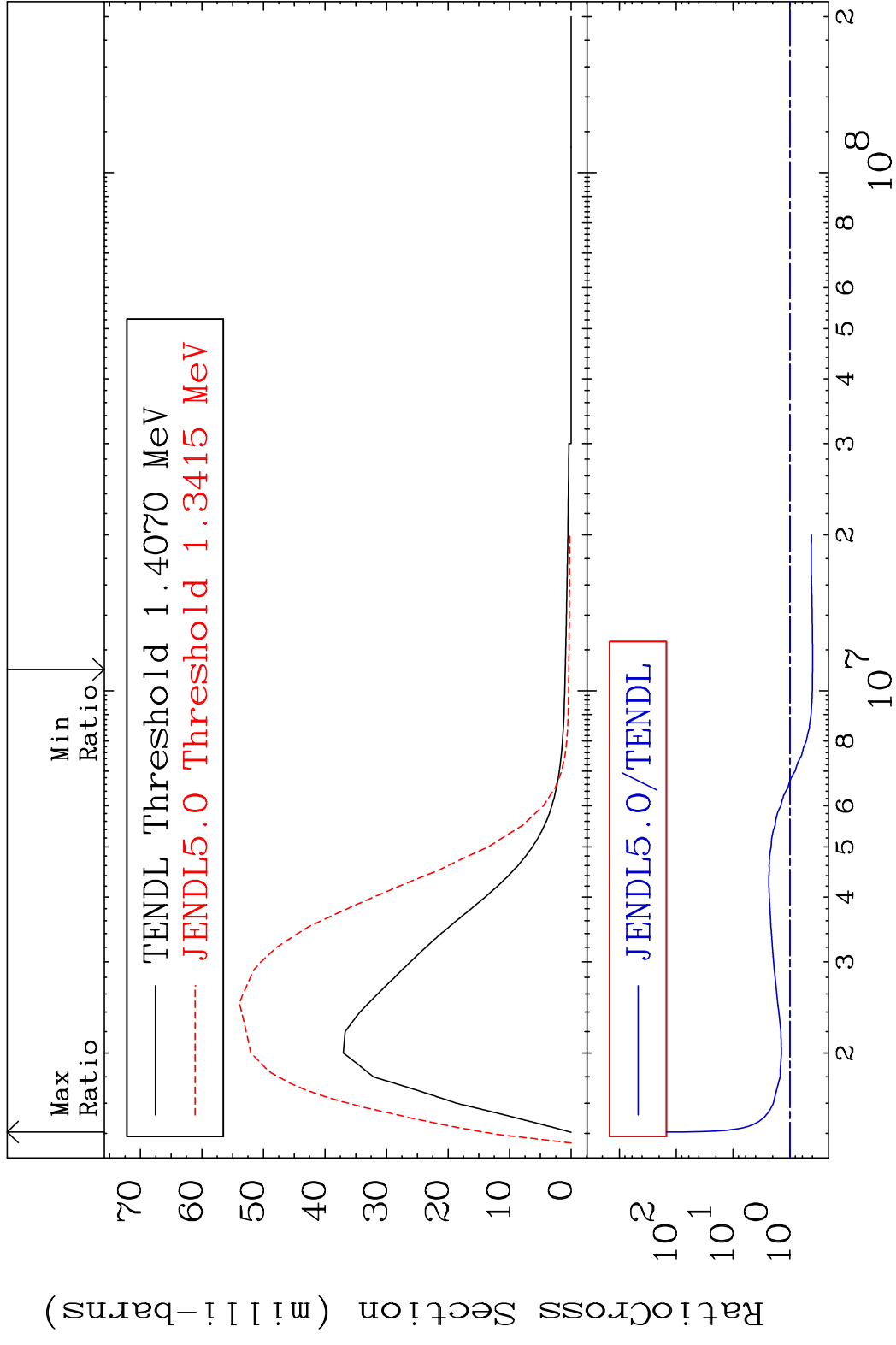
MAT 8125 MT= 65 (n, n') Level 81-Tl-203
 Cross Section -87.07 To 1698. %



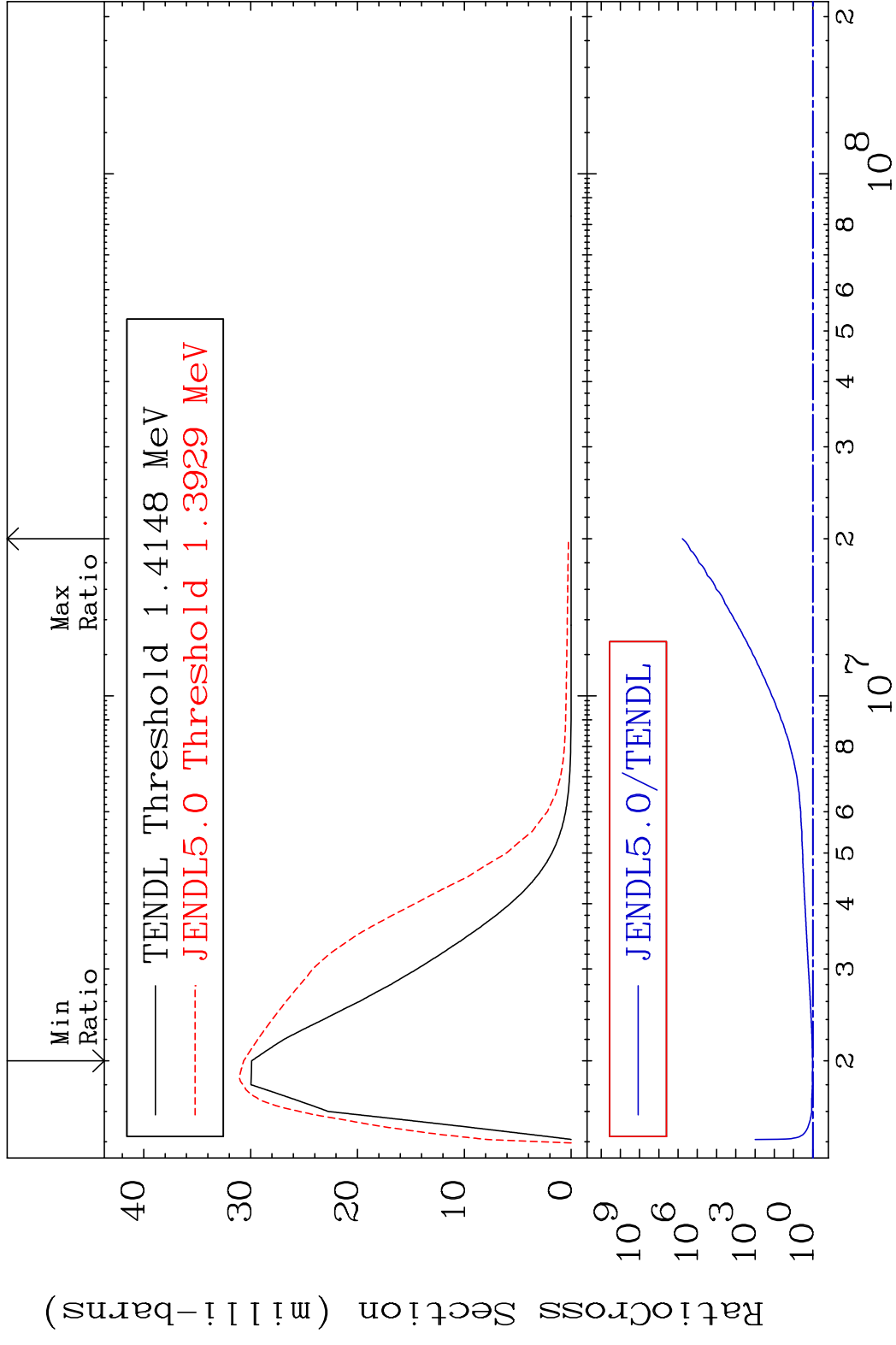
MAT 8125 MT= 66 (n, n') Level 81-Tl-203
 Cross Section 56.74 To 9999. %



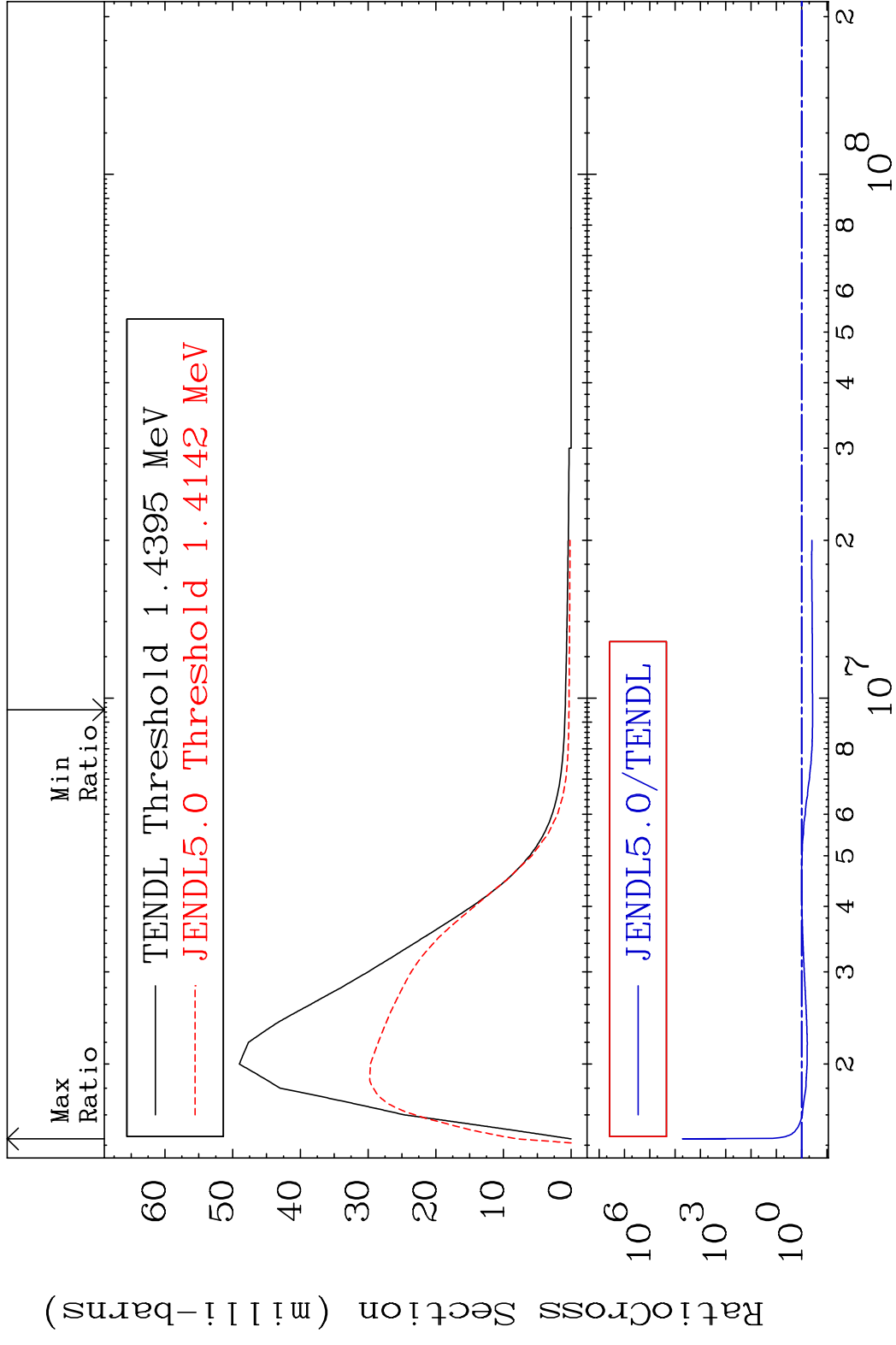
MAT 8125 MT= 67 (n, n') Level 81-Tl-203
 Cross Section -60.29 To 7713. %



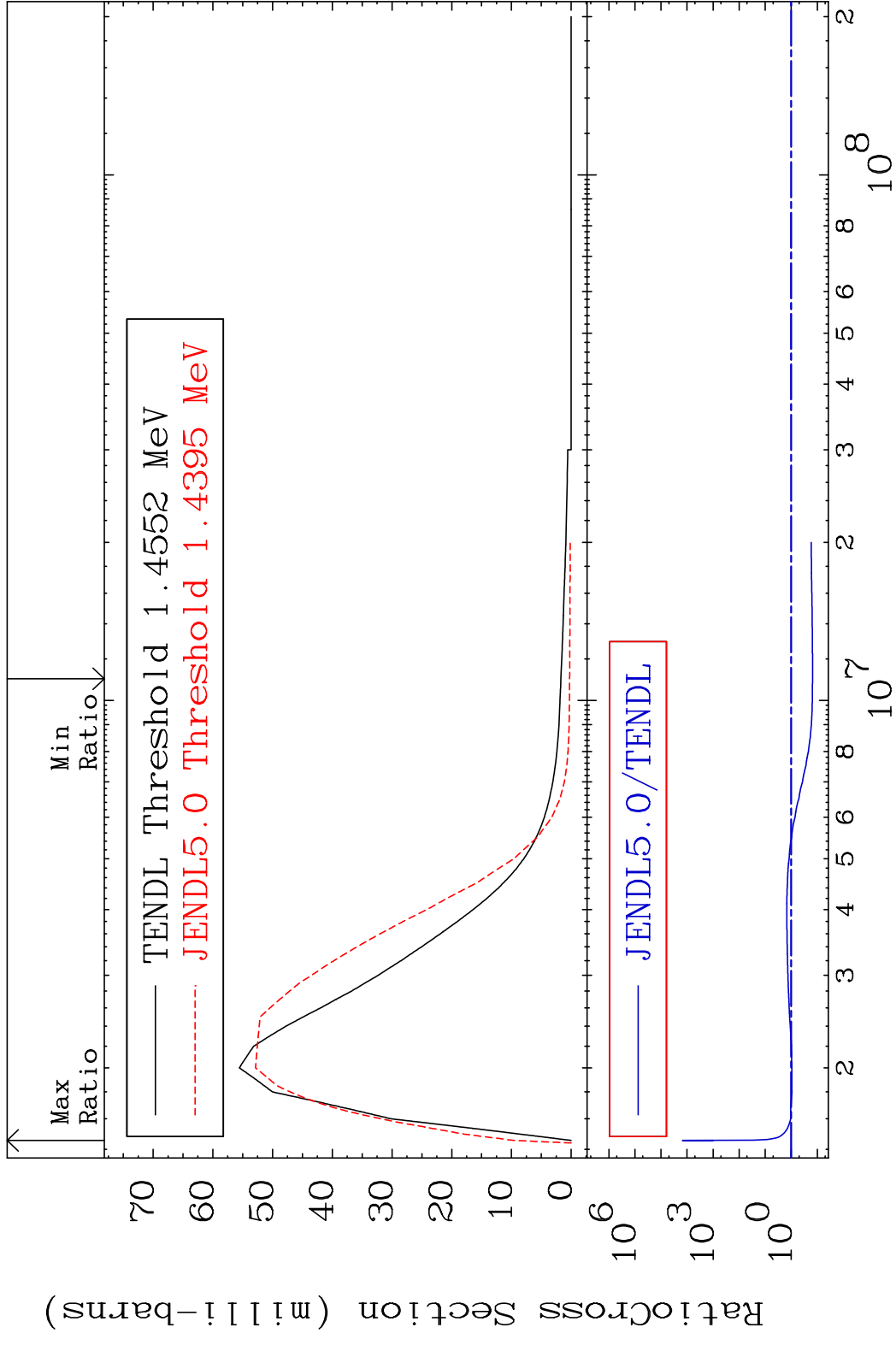
MAT 8125 MT= 68 (n, n') Level 81-Tl-203
 Cross Section 2.479 To 9999. %



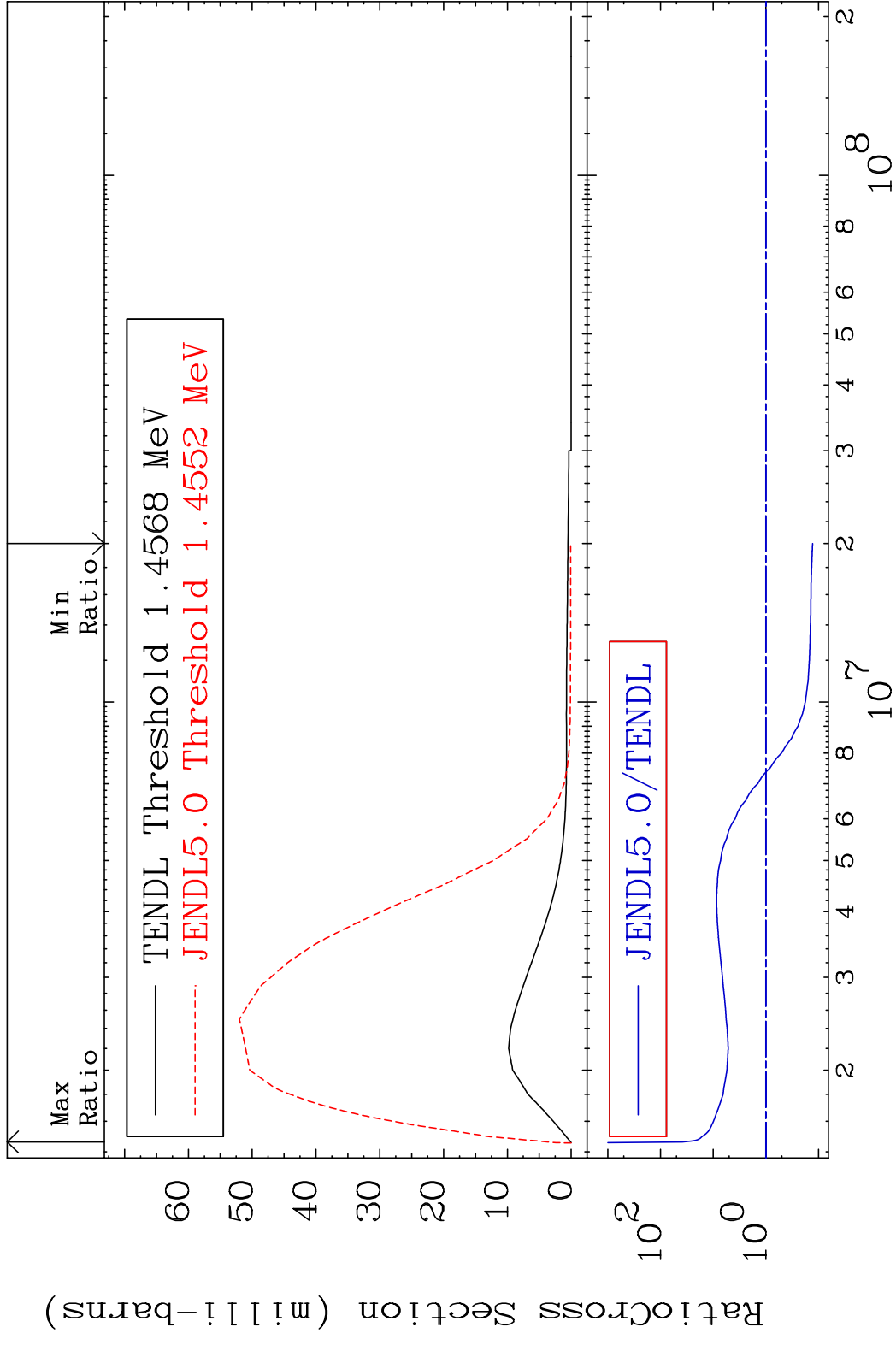
MAT 8125 MT= 69 (n, n') Level 81-Tl-203
 Cross Section -63.06 To 9999. %



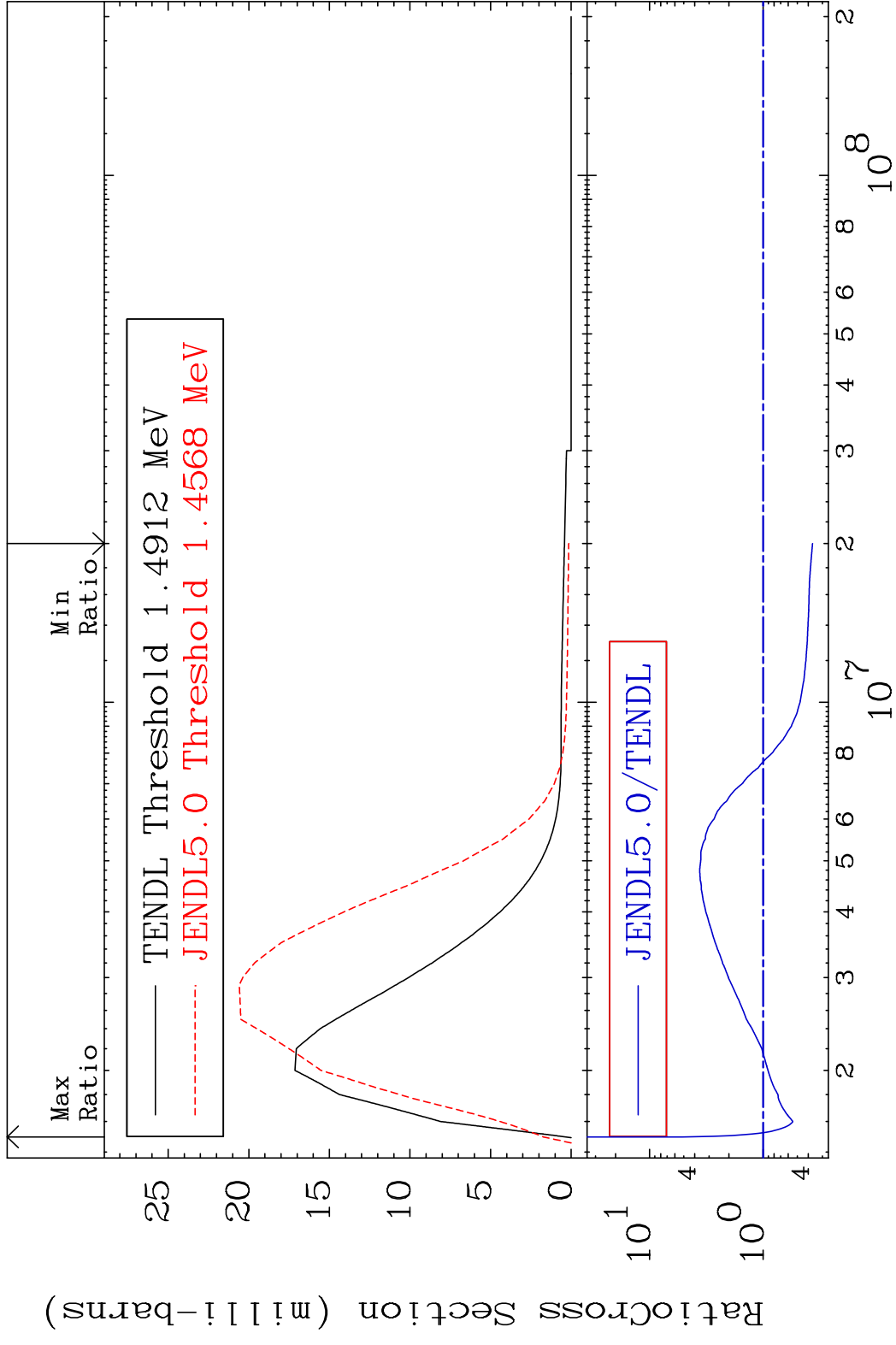
MAT 8125 MT= 70 (n, n') Level 81-Tl-203
 Cross Section -84.75 To 9999. %



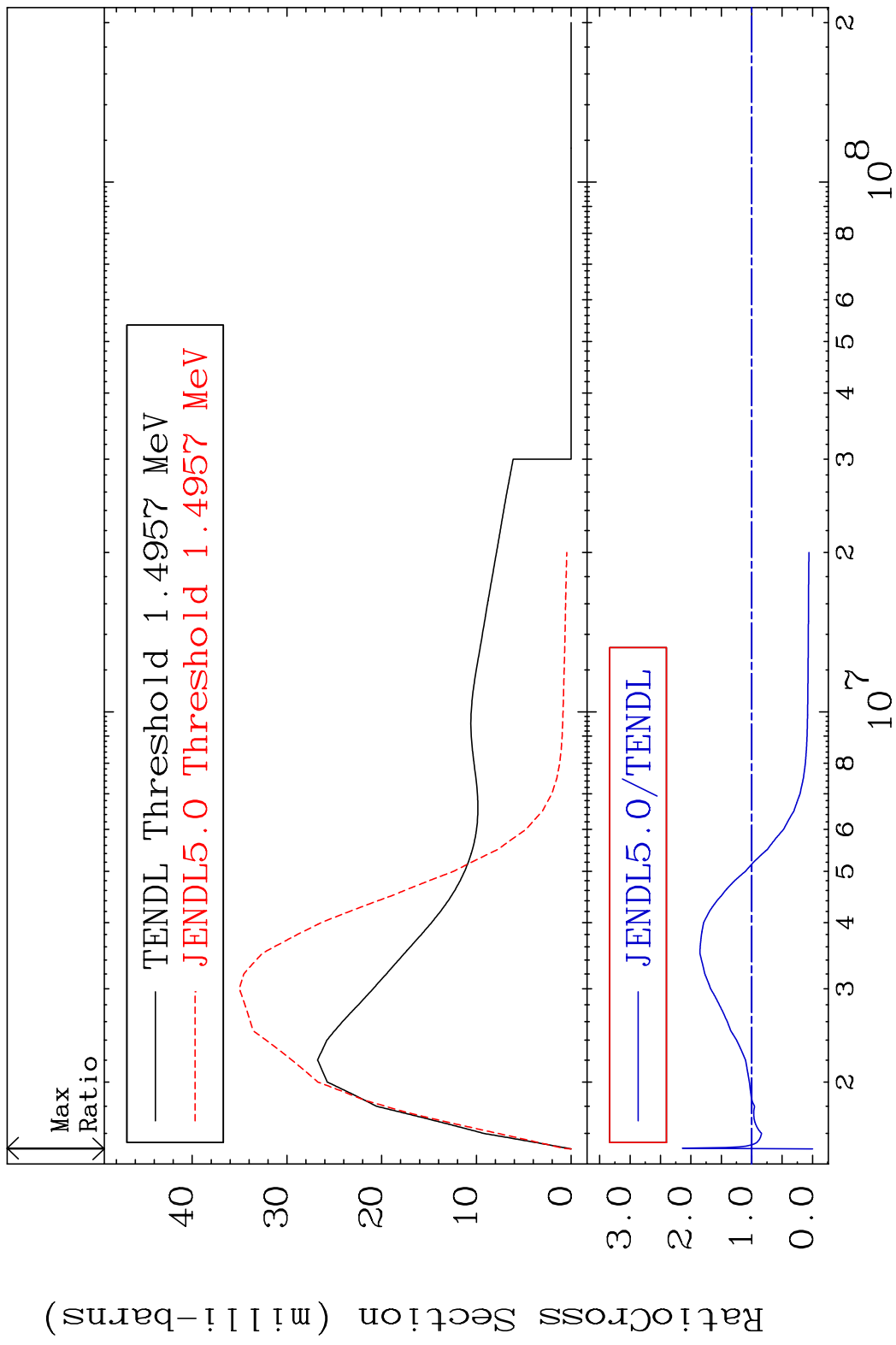
MAT 8125 MT= 71 (n, n') Level 81-Tl-203
 Cross Section -86.95 To 3757. %



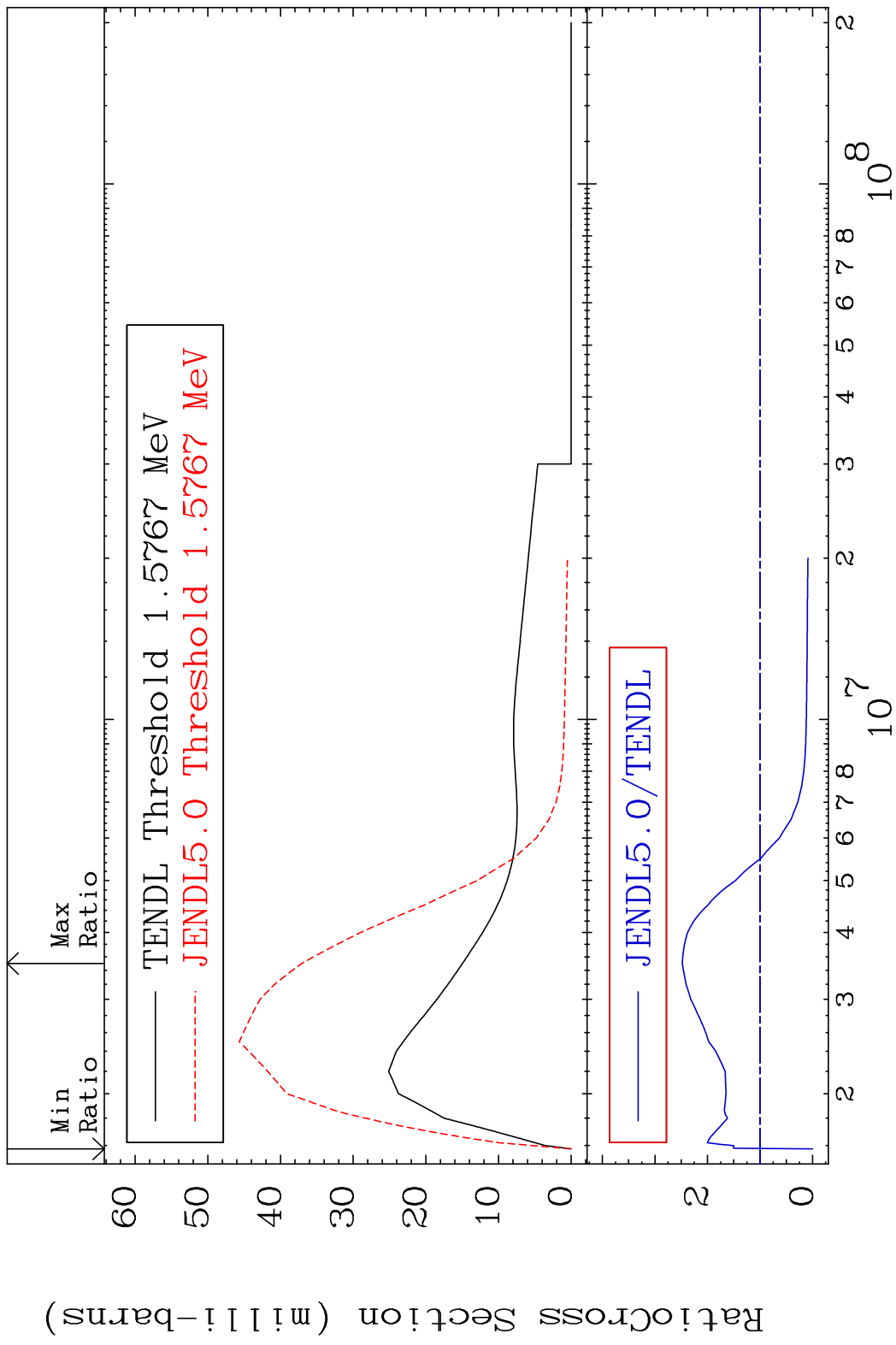
MAT 8125 MT= 72 (n, n') Level 81-Tl-203
 Cross Section -63.34 To 414.8 %



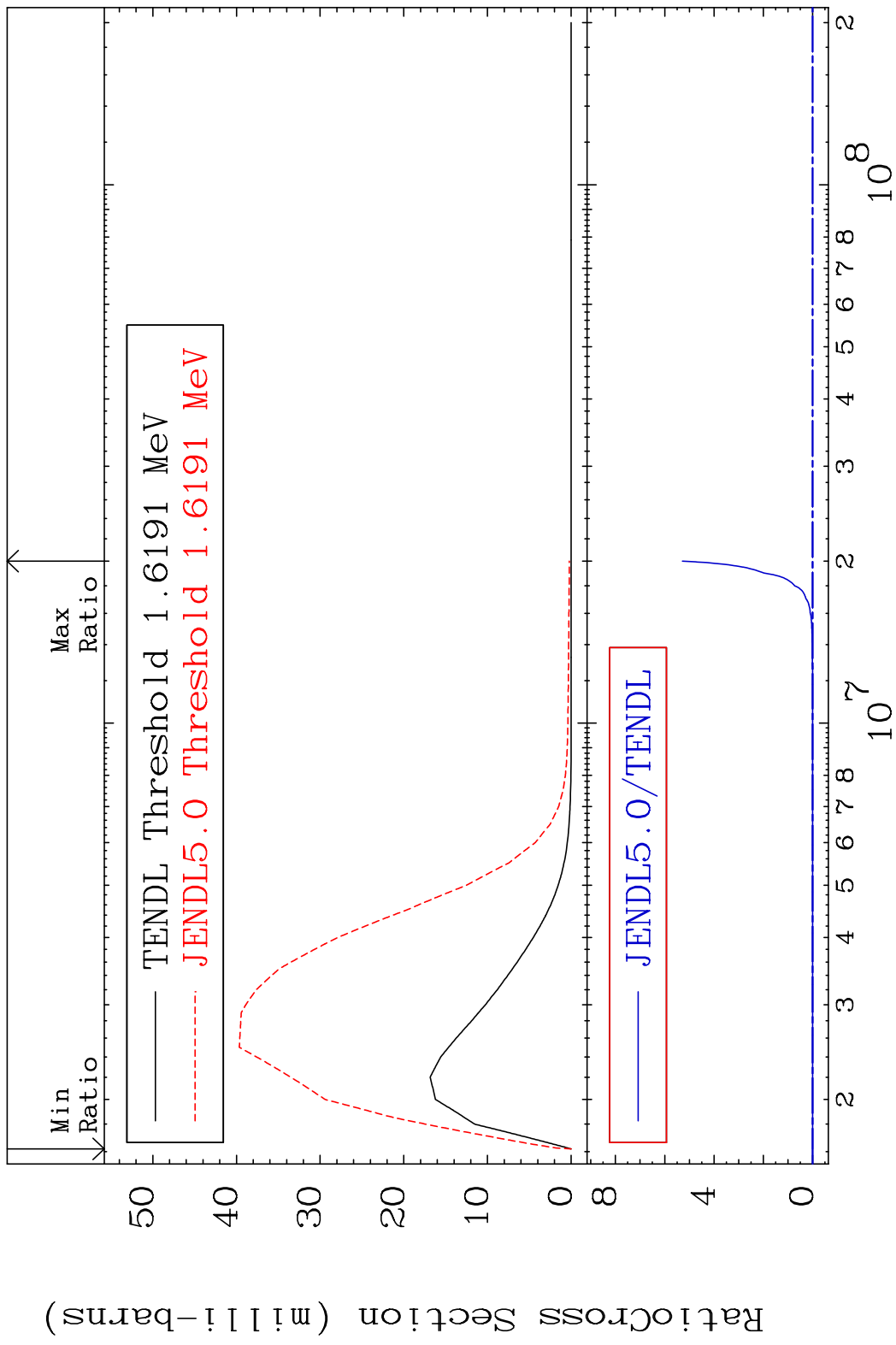
MAT 8125 MT= 73 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 114.0 %



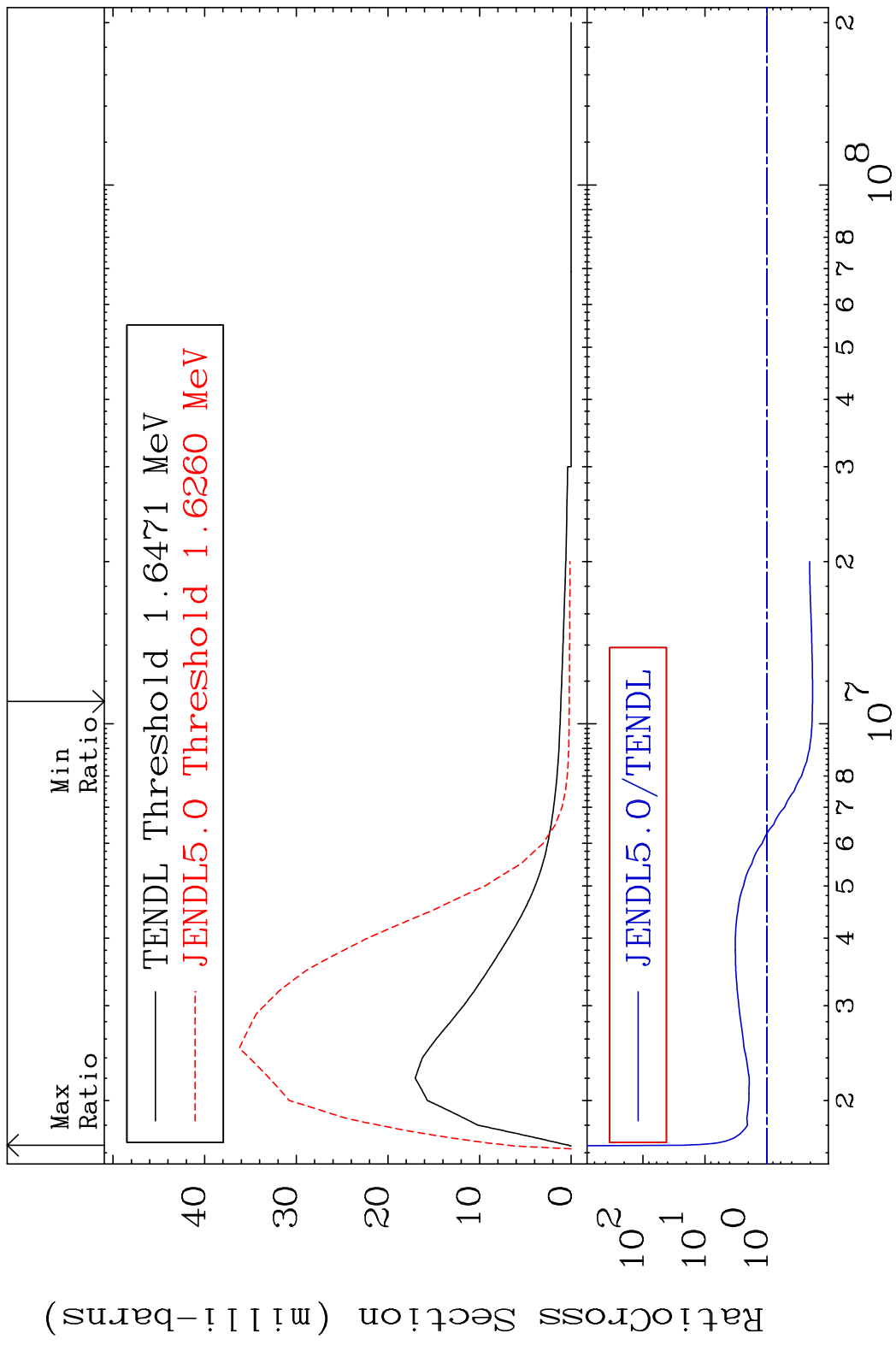
MAT 8125 MT= 74 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 147.8 %



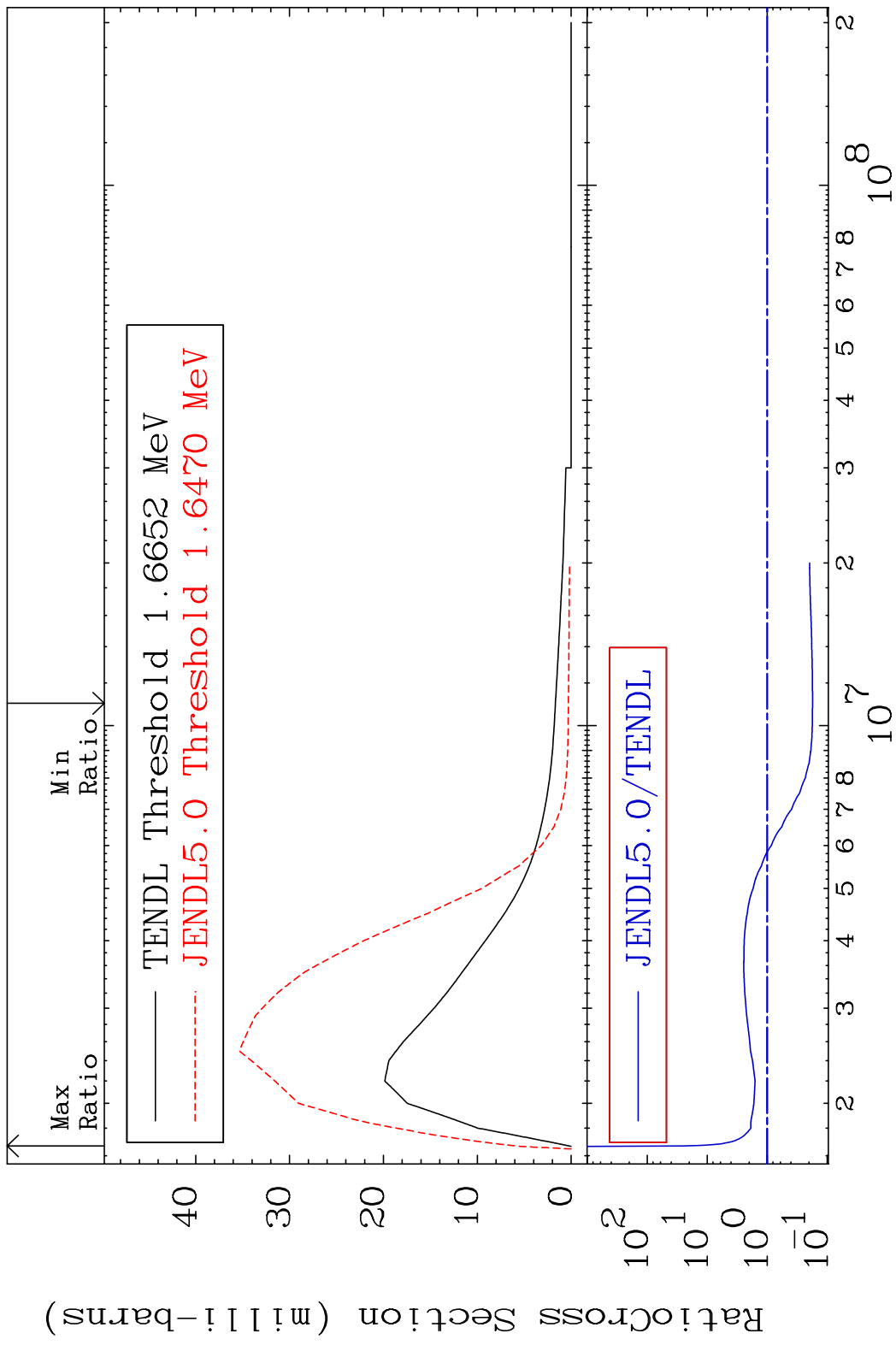
MAT 8125 MT= 75 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 9999. %



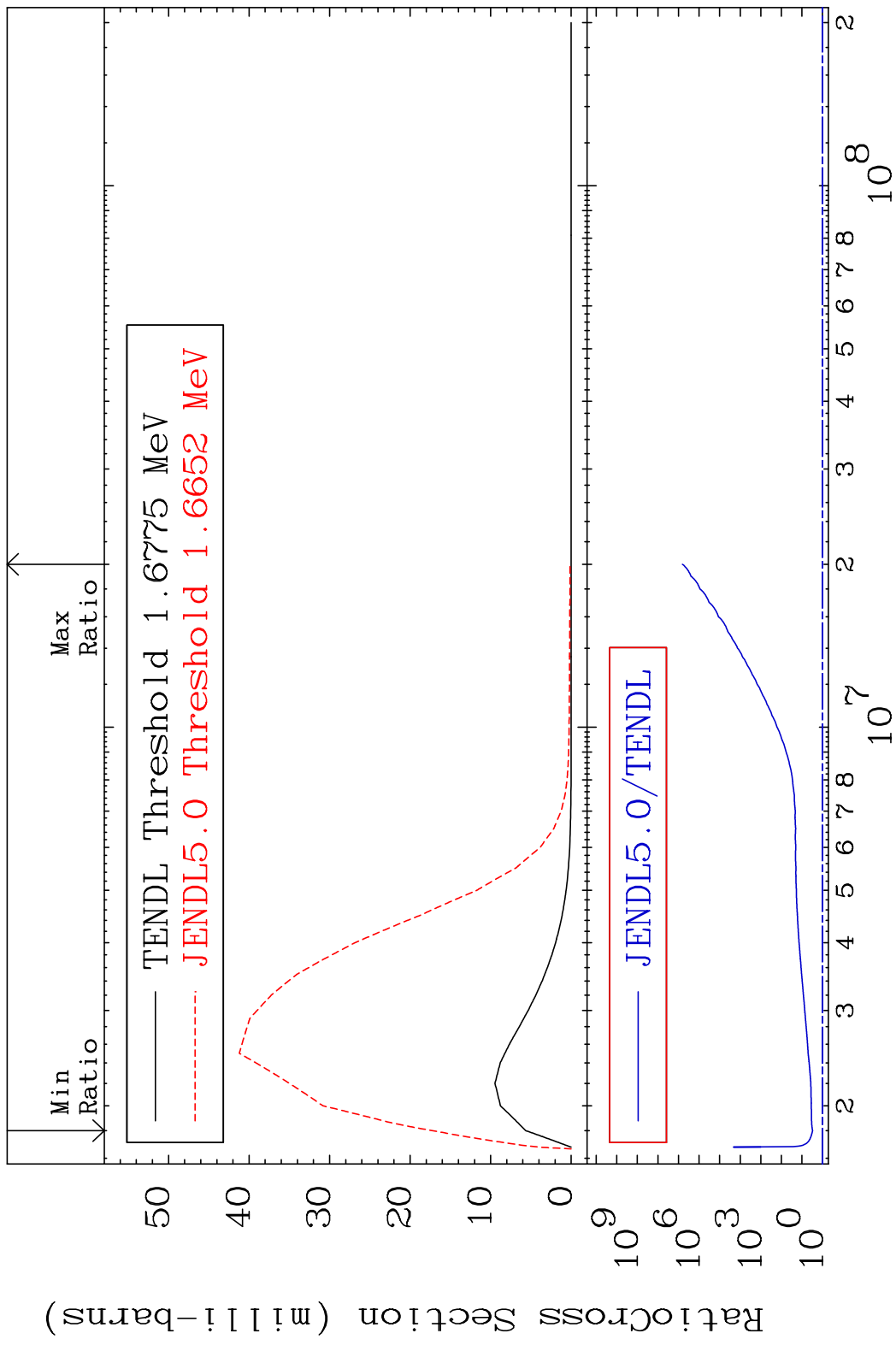
MAT 8125 MT= 76 (n, n') Level 81-Tl-203
 Cross Section -81.53 To 2211. %



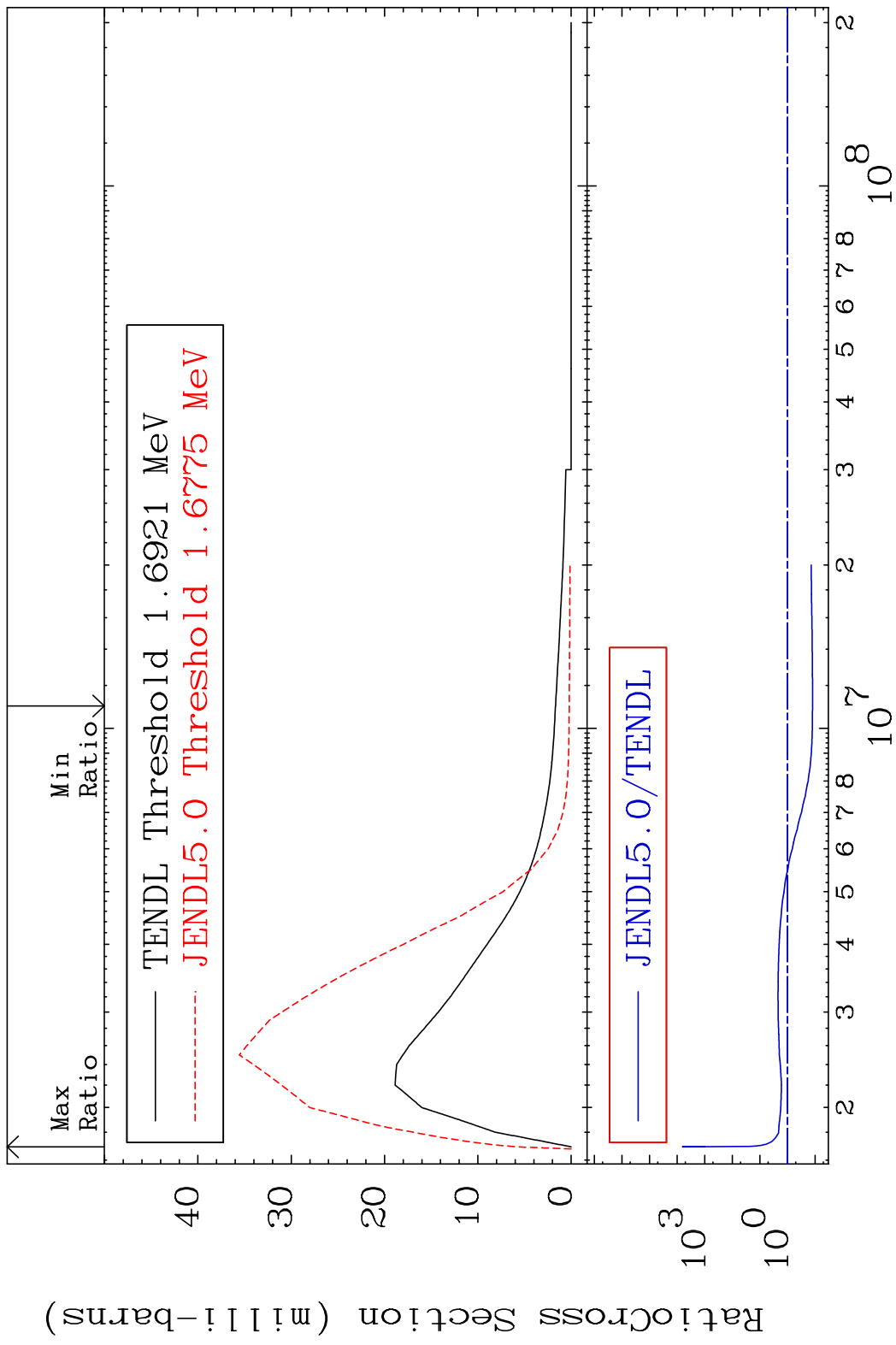
MAT 8125 MT= 77 (n, n') Level 81-Tl-203
 Cross Section -82.52 To 2496. %



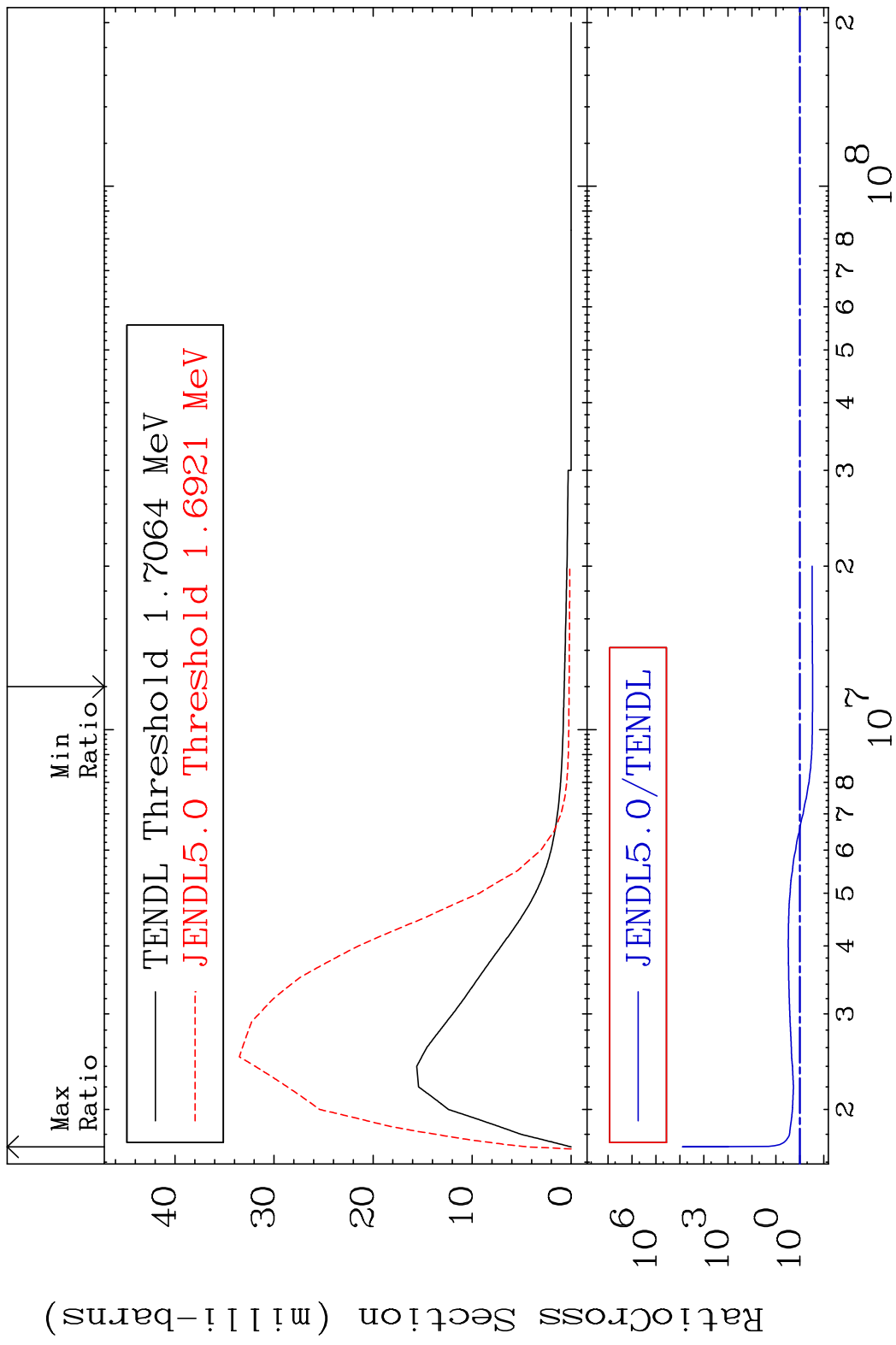
MAT 8125 MT= 78 (n, n') Level 81-Tl-203
 Cross Section 204.9 To 9999. %



MAT 8125 MT= 79 (n, n') Level 81-Tl-203
 Cross Section -87.68 To 9999. %



MAT 8125 MT= 80 (n, n') Level 81-Tl-203
 Cross Section -70.31 To 9999. %

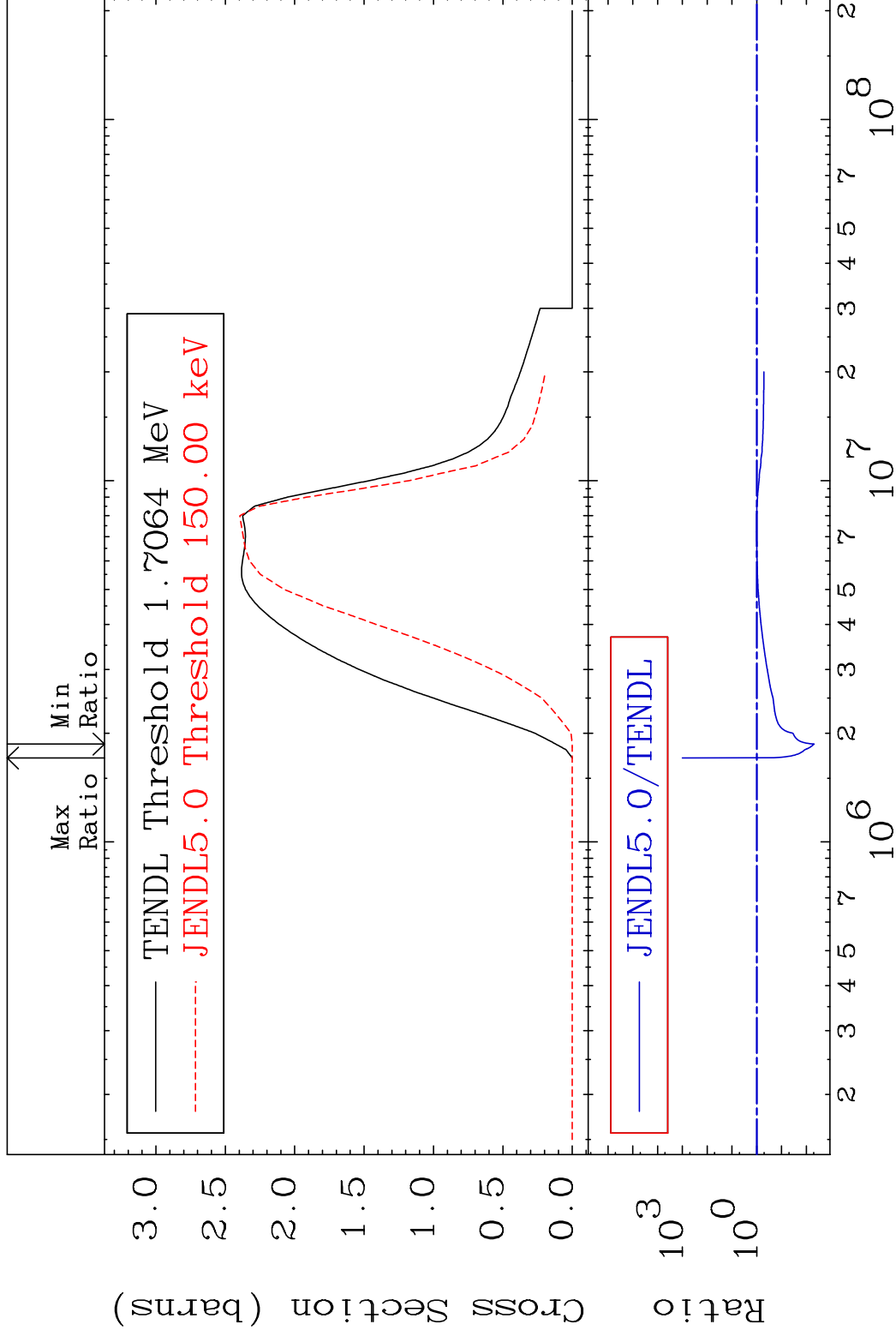


MAT 8125

(n, n') Continuum

81-Tl-203

Cross Section -99.52 To 9999. %



40

Incident Energy (eV)

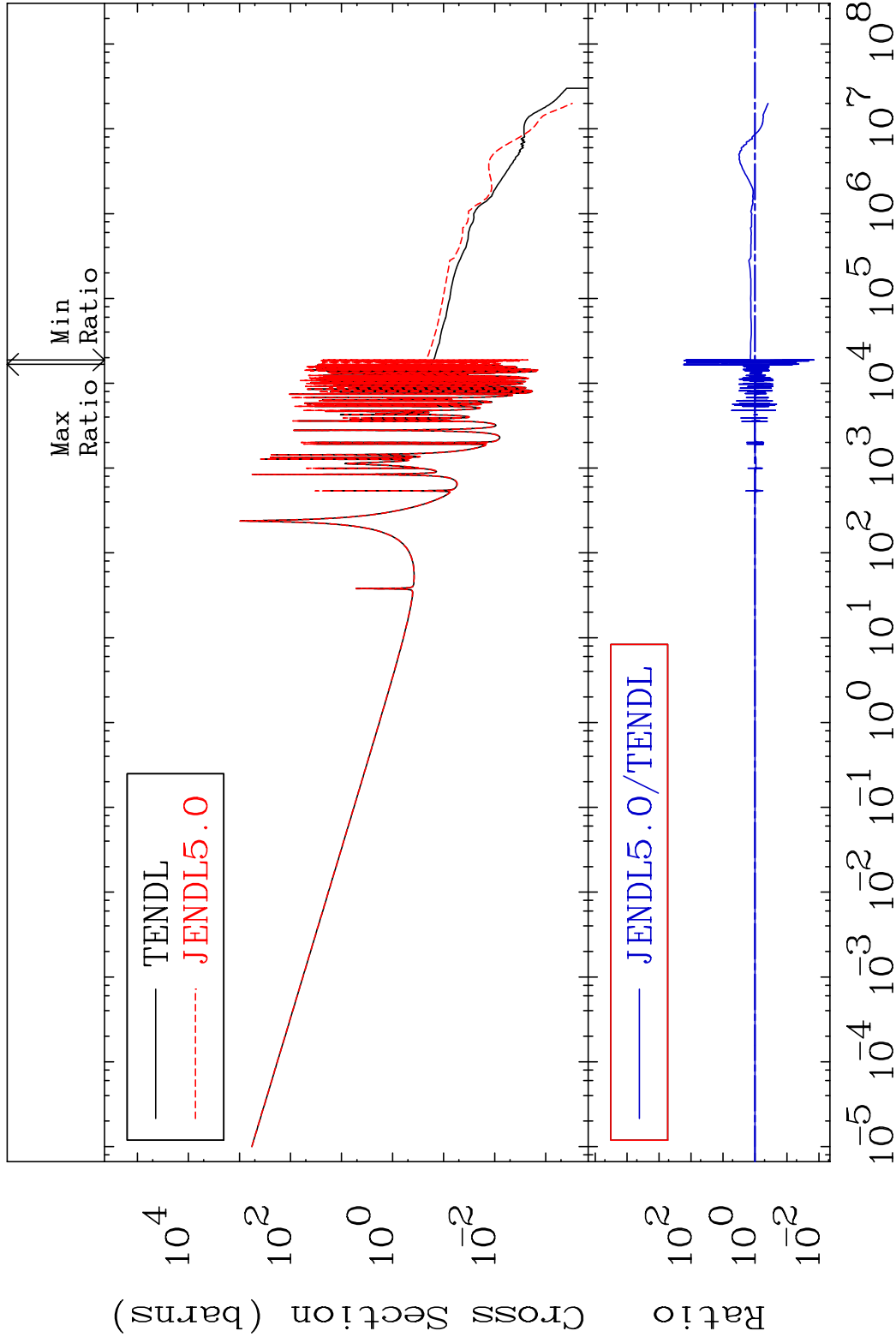
81-Tl-203

MAT 8125

(n, γ)

81-T1-203

Cross Section -98.59 To 9999. %



41

Incident Energy (eV)

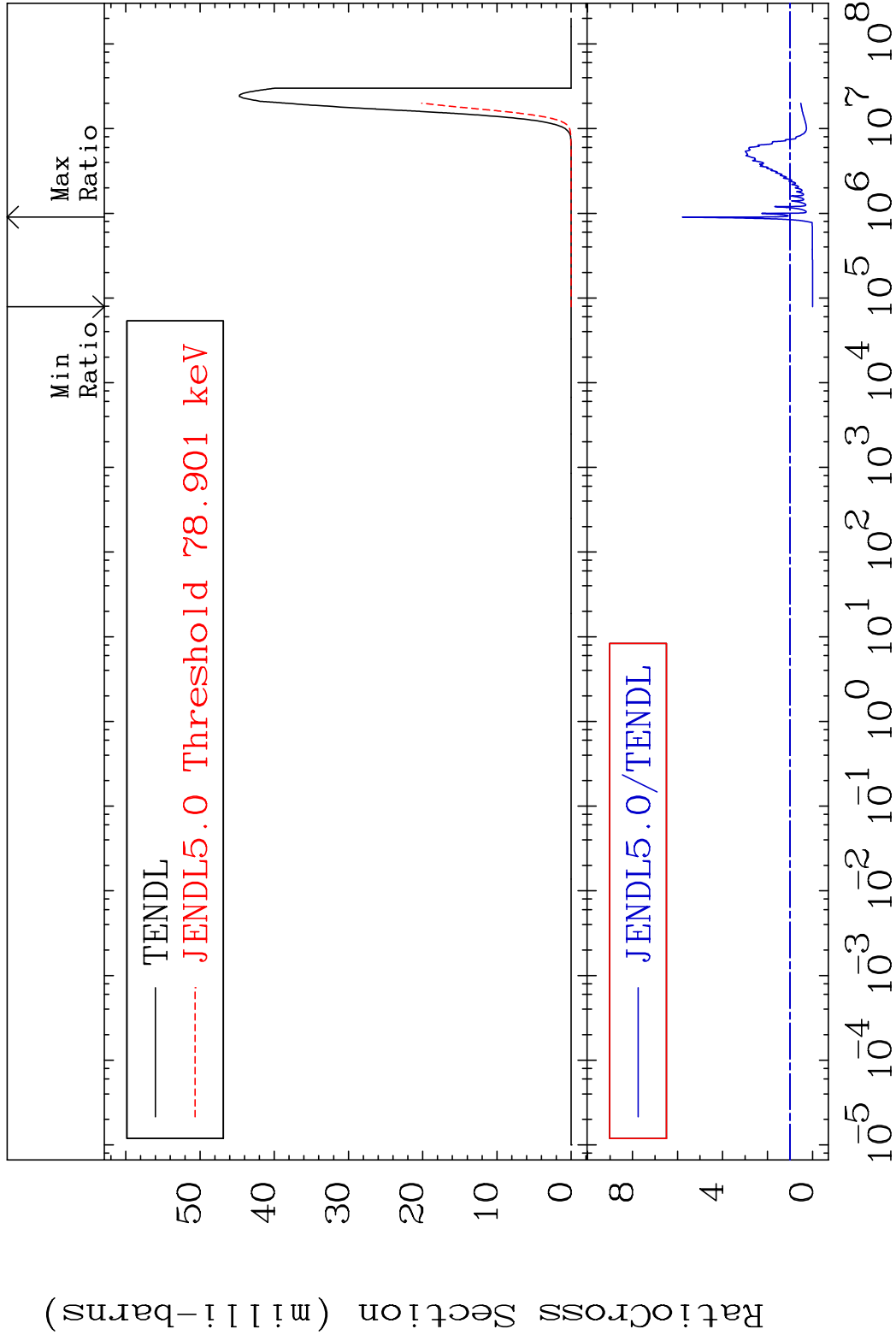
81-T1-203

MAT 8125

(n, p)

81-Tl-203

Cross Section -100.0 To 478.5 %



42

Incident Energy (eV)

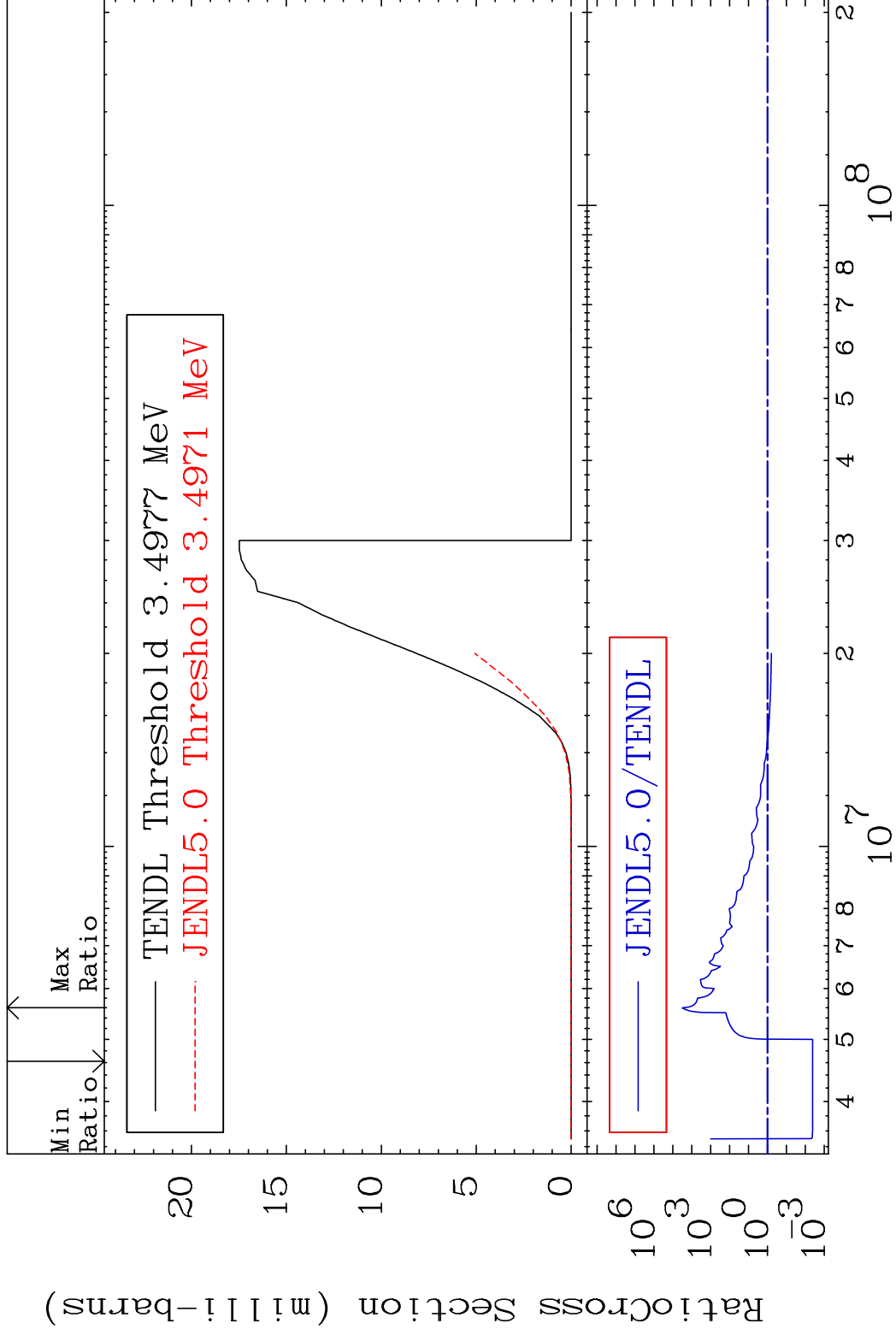
81-Tl-203

MAT 8125

(n,d)

81-Tl-203

Cross Section -99.58 To 9999. %



43

Incident Energy (eV)

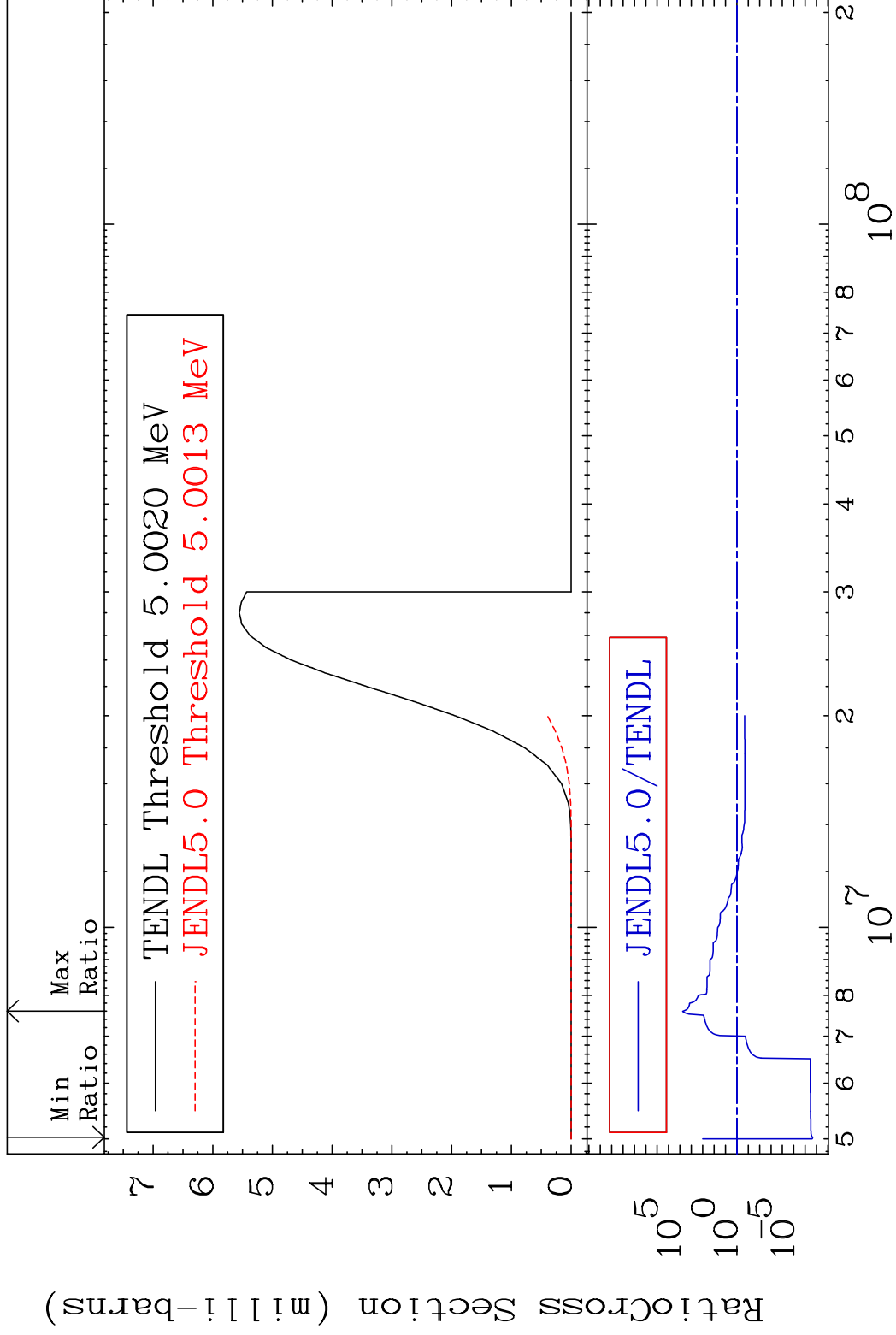
81-Tl-203

MAT 8125

(n, t)

81-Tl-203

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

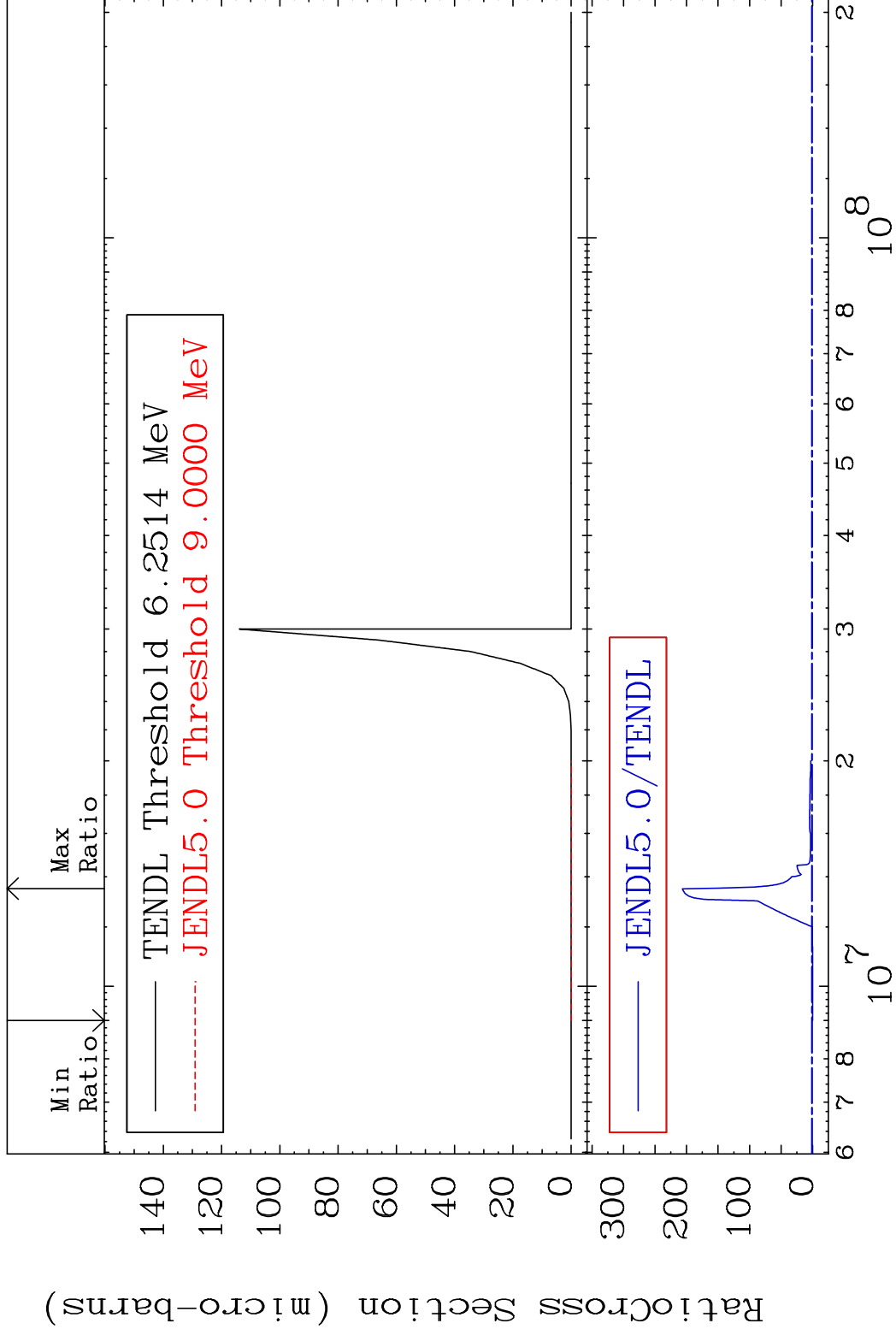
81-Tl-203

MAT 8125

(n, He-3)

81-T1-203

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

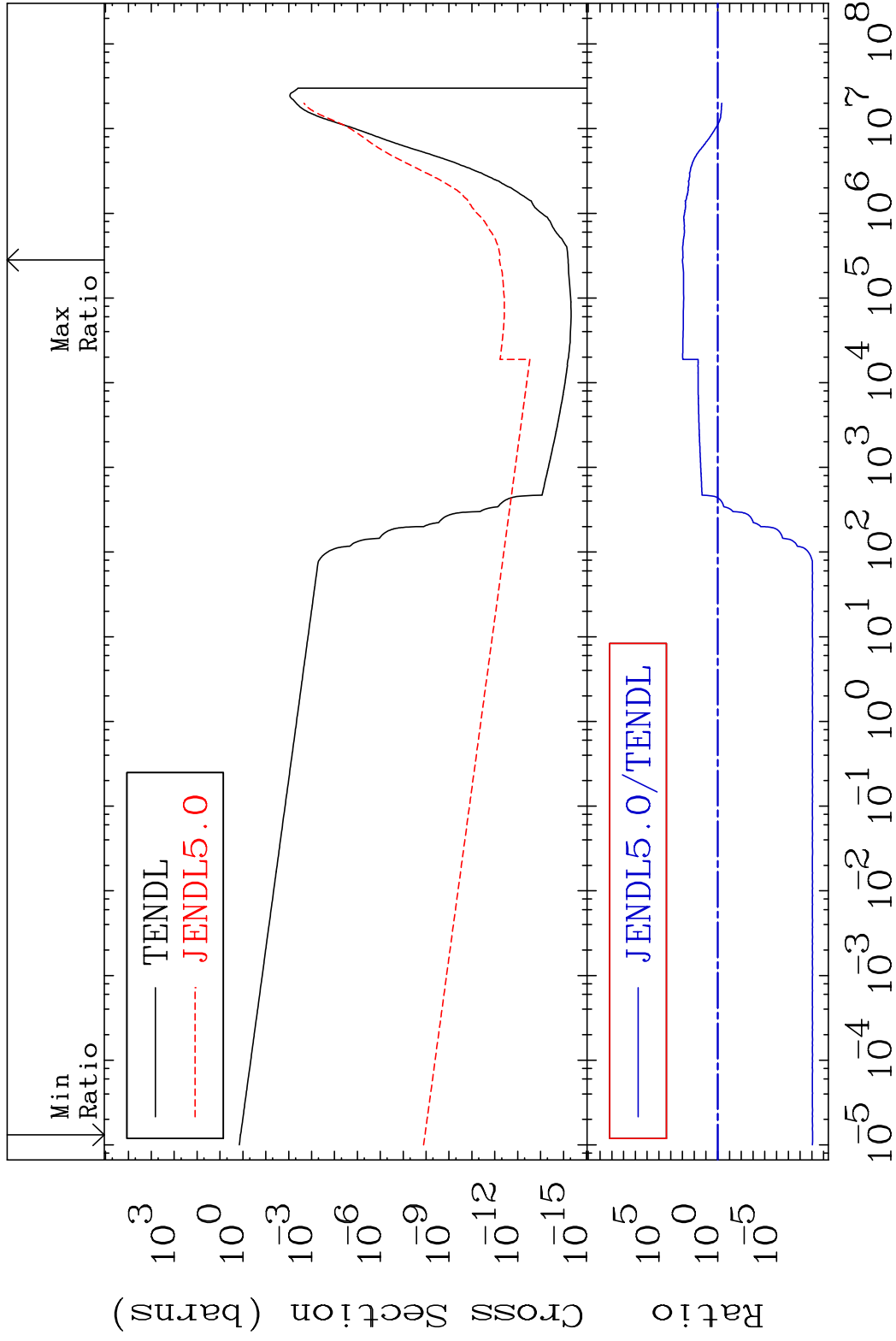
81-T1-203

MAT 8125

(n, α)

81-T1-203

Cross Section -100.0 To 9999. %

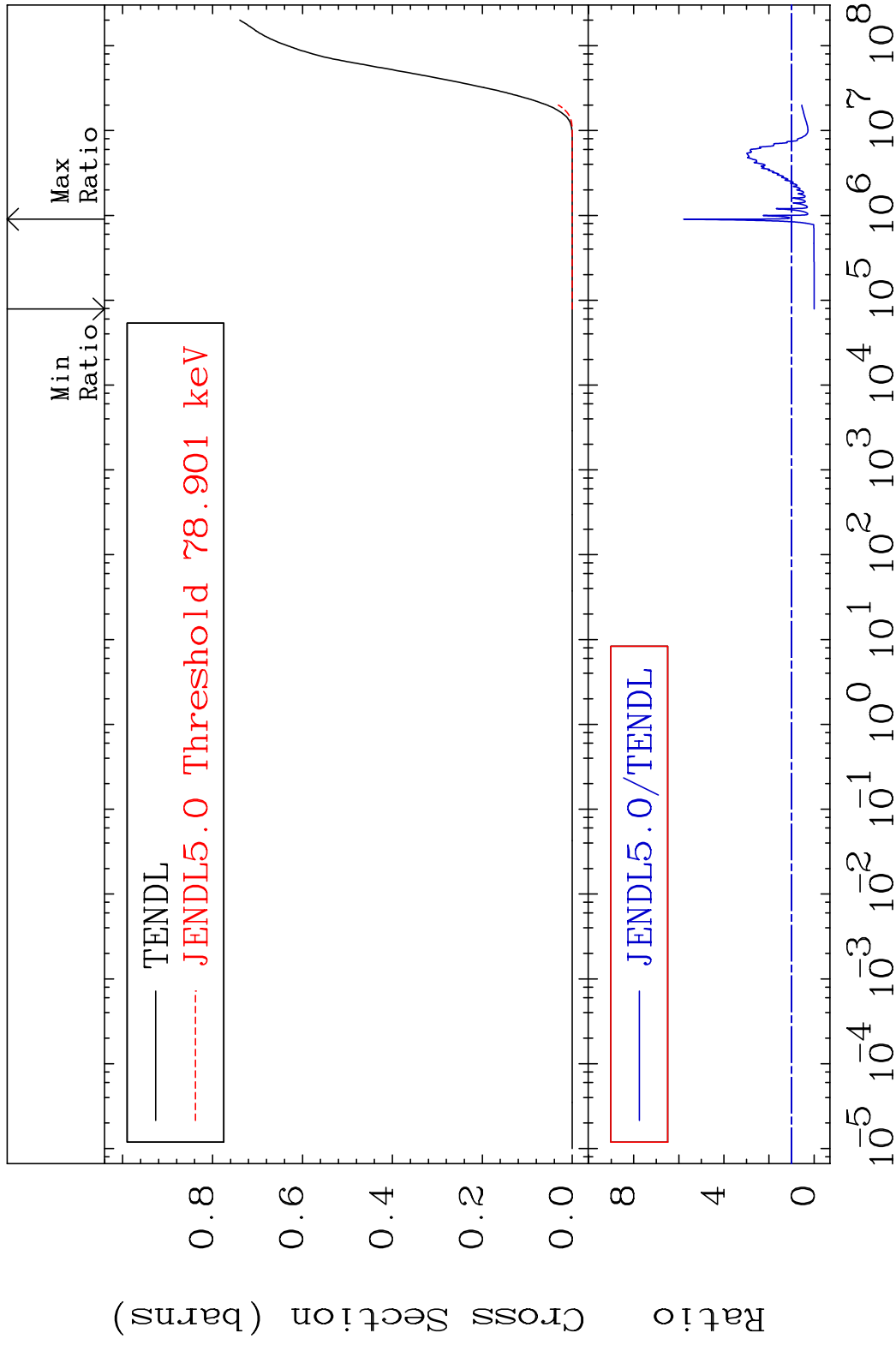


MAT 8125

Hydrogen Production

81-T1-203

Cross Section -100.0 To 478.5 %

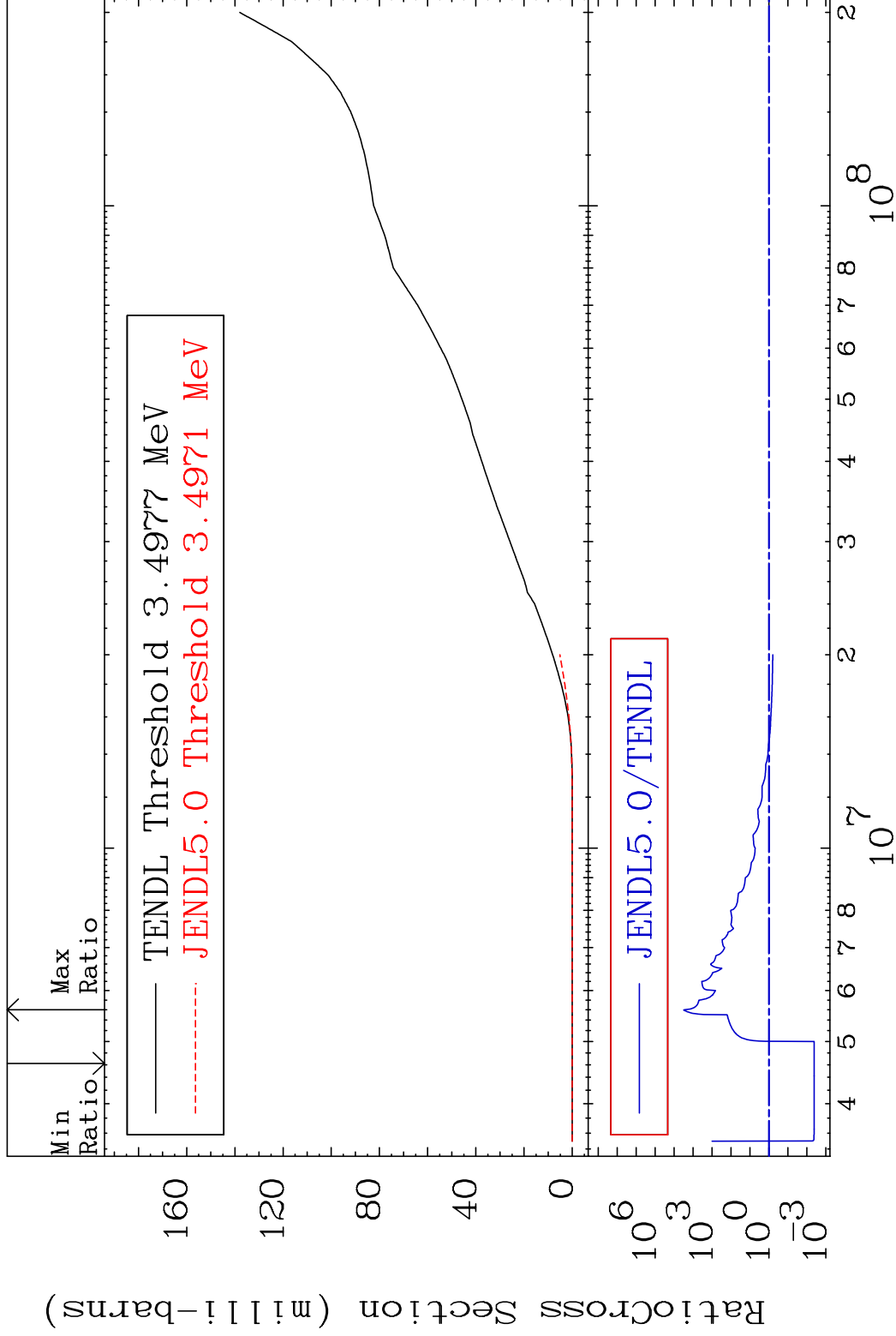


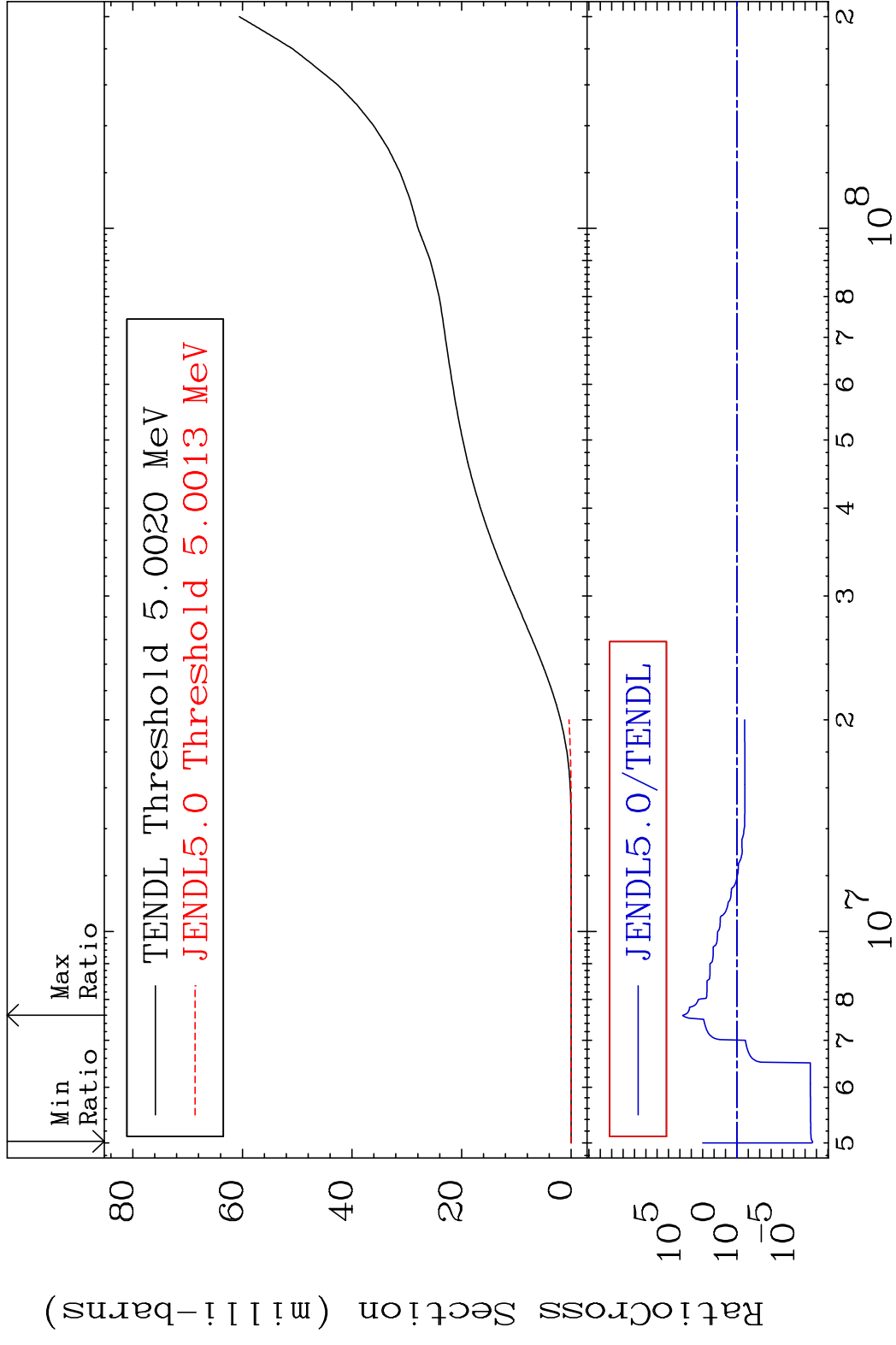
47

Incident Energy (eV)

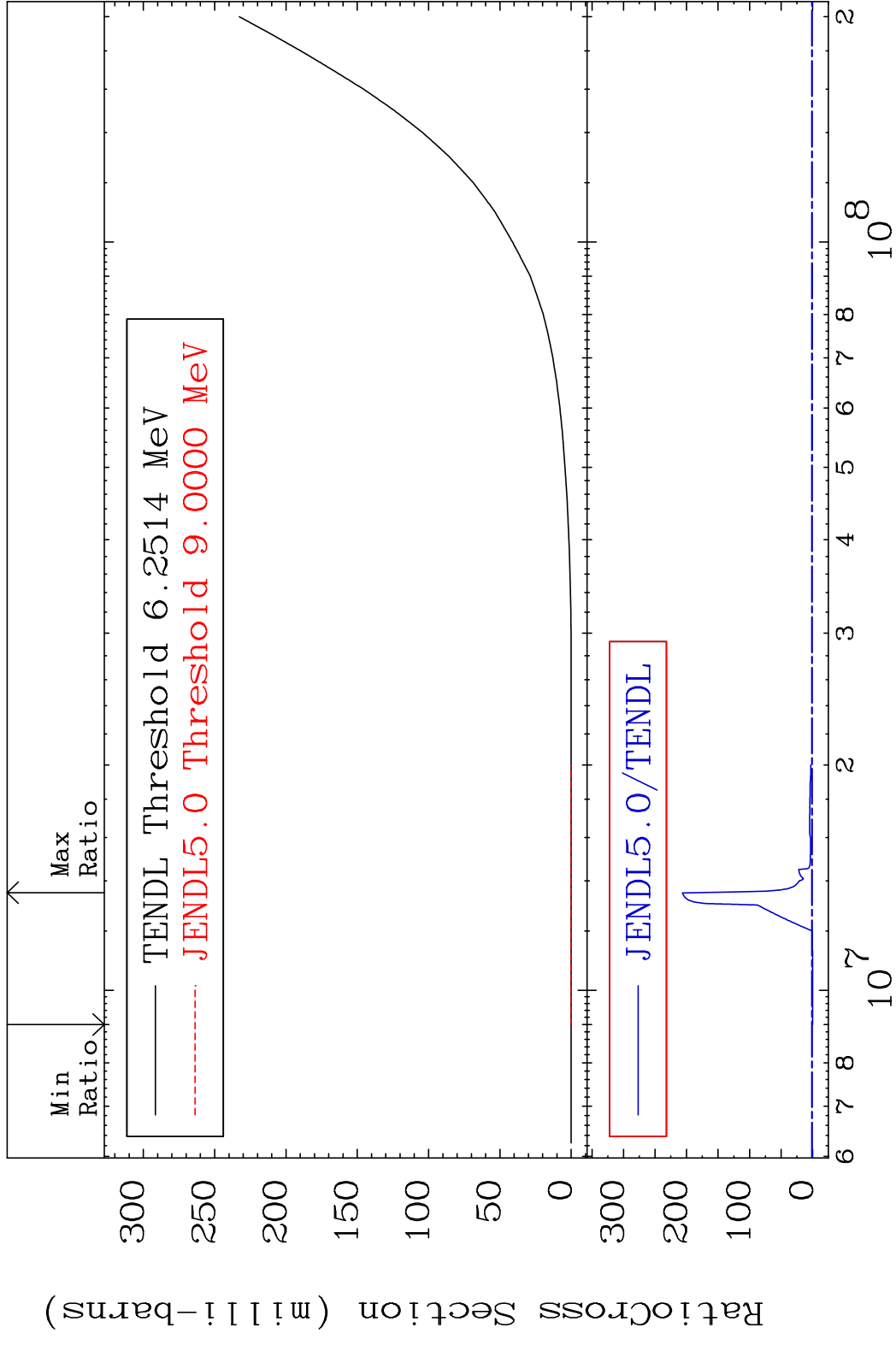
81-T1-203

Cross Section -99.58 To 9999. %





Cross Section -100.0 To 9999. %

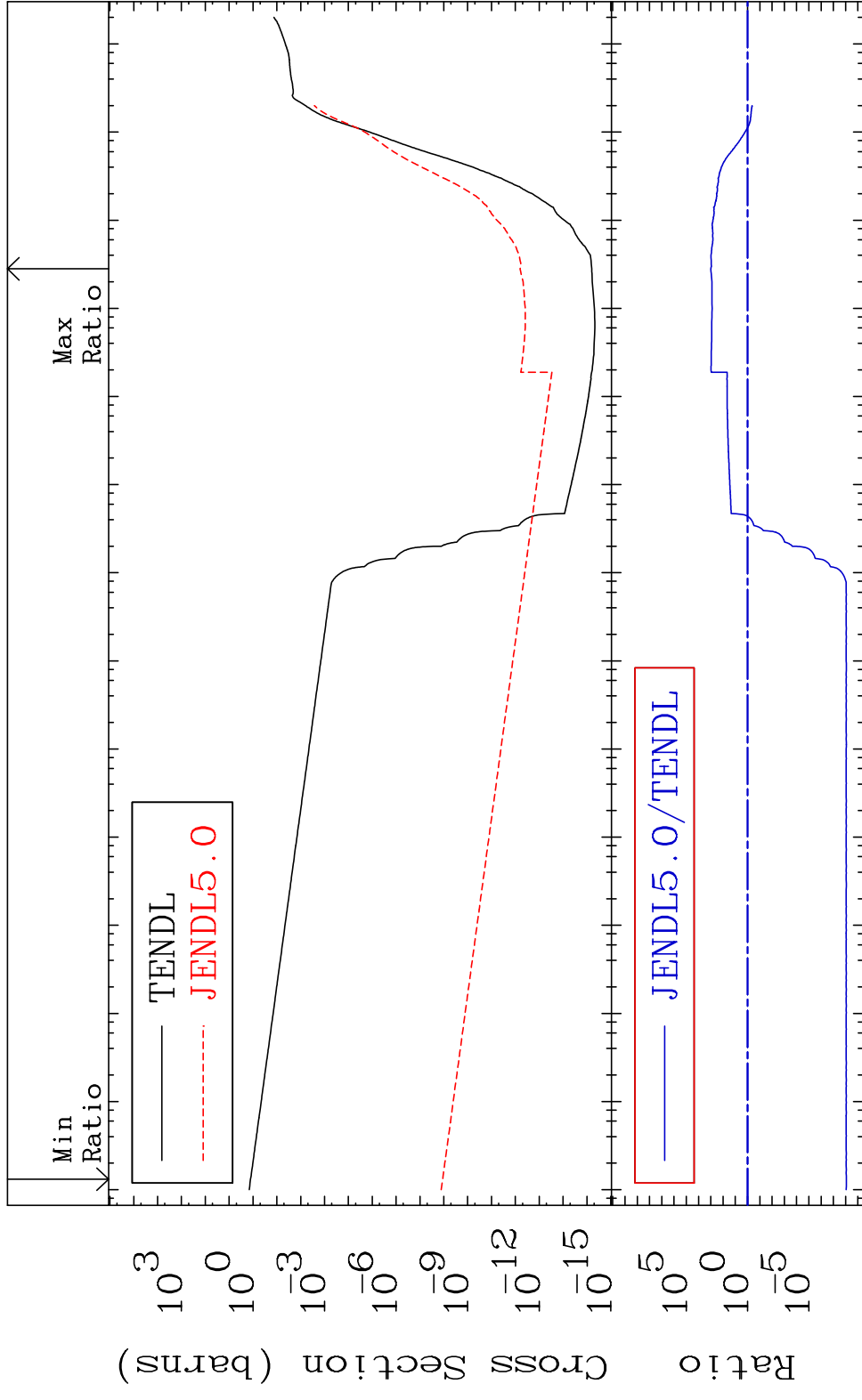


MAT 8125

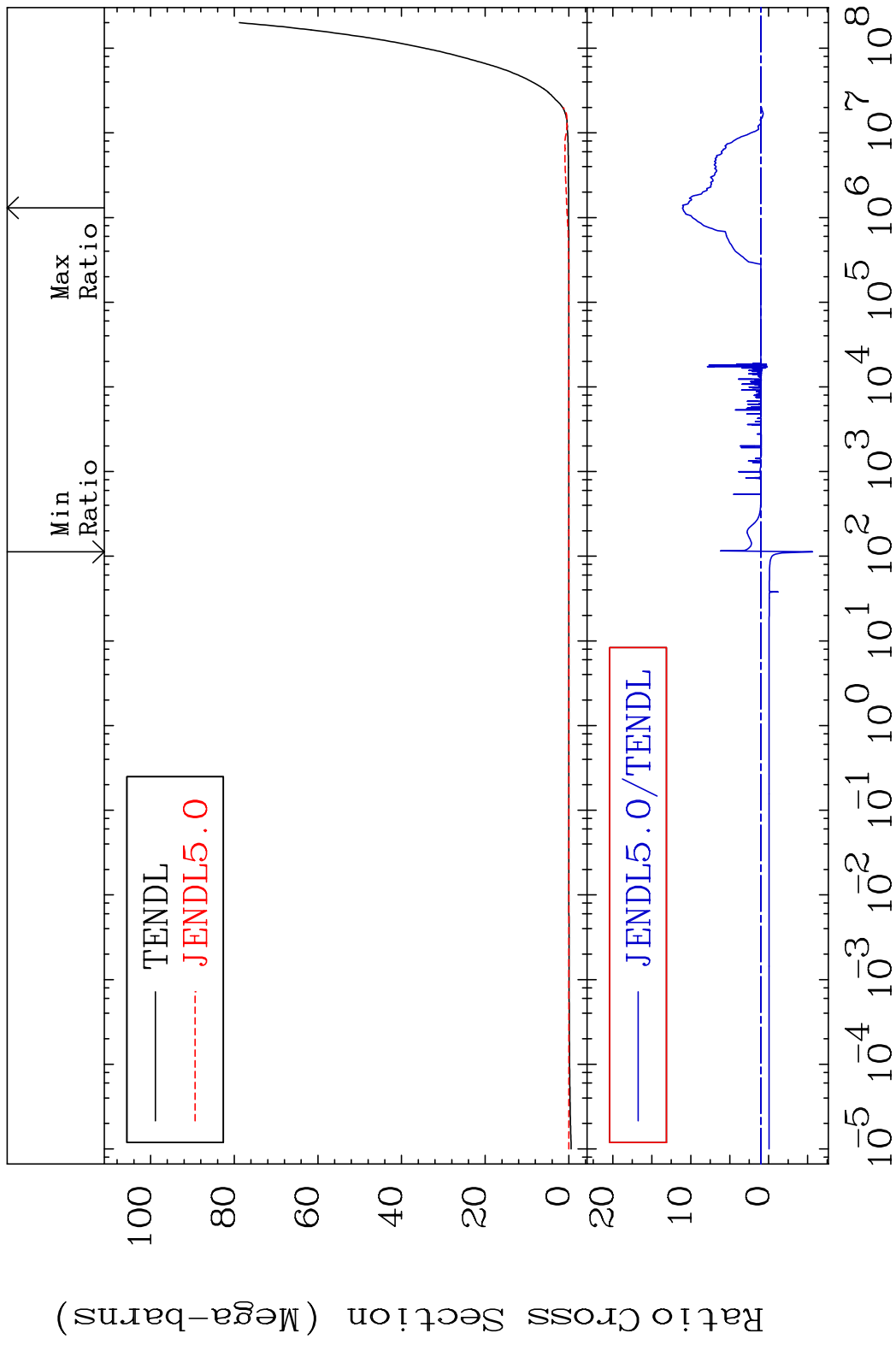
He-4 Production

81-T1-203

Cross Section -100.0 To 9999. %



MAT 8125 Kerma total (eV-barns) 81-T1-203
 Cross Section -662.3 To 1007. %

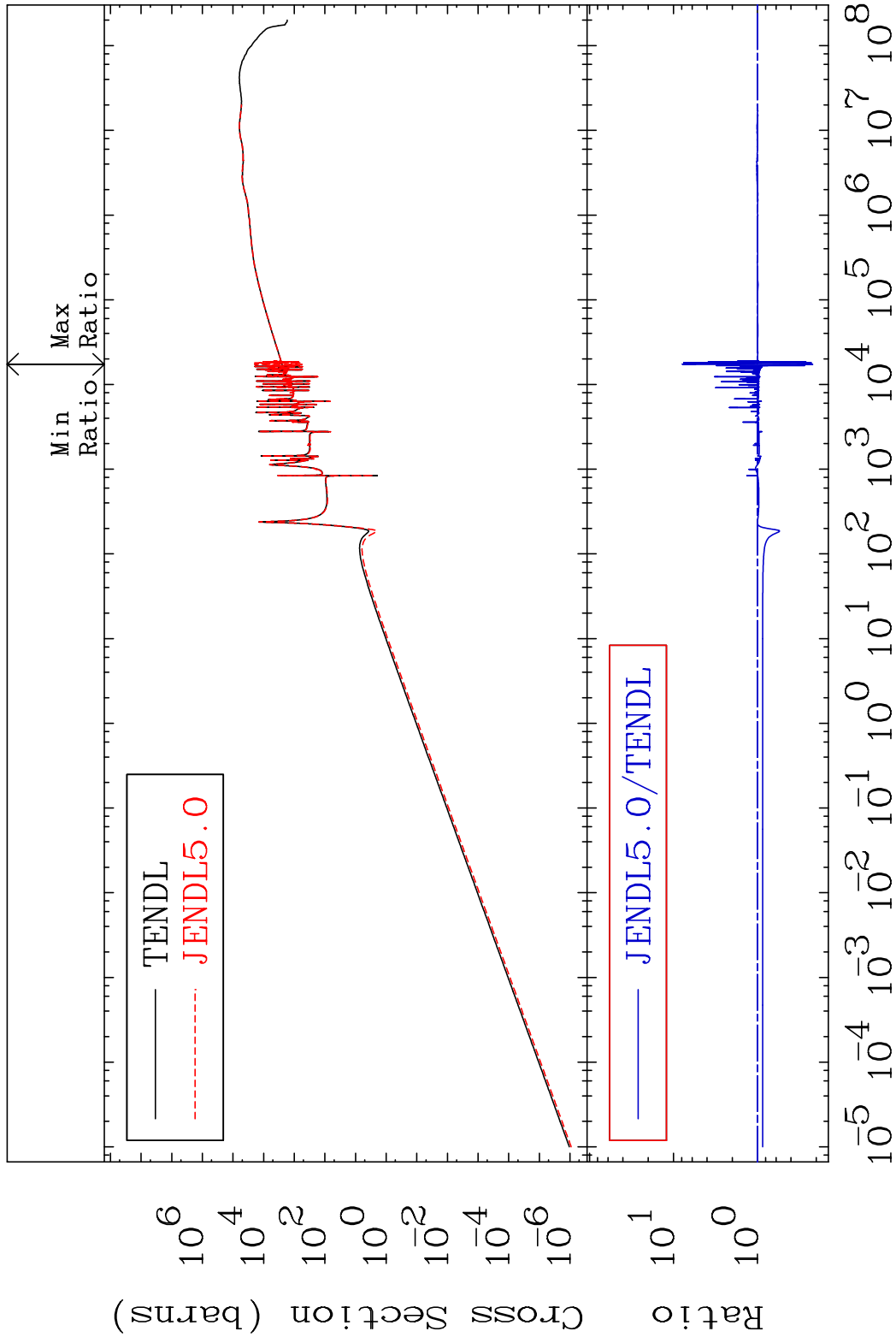


MAT 8125

Kerma elastic

81-Tl-203

Cross Section -77.89 To 684.7 %

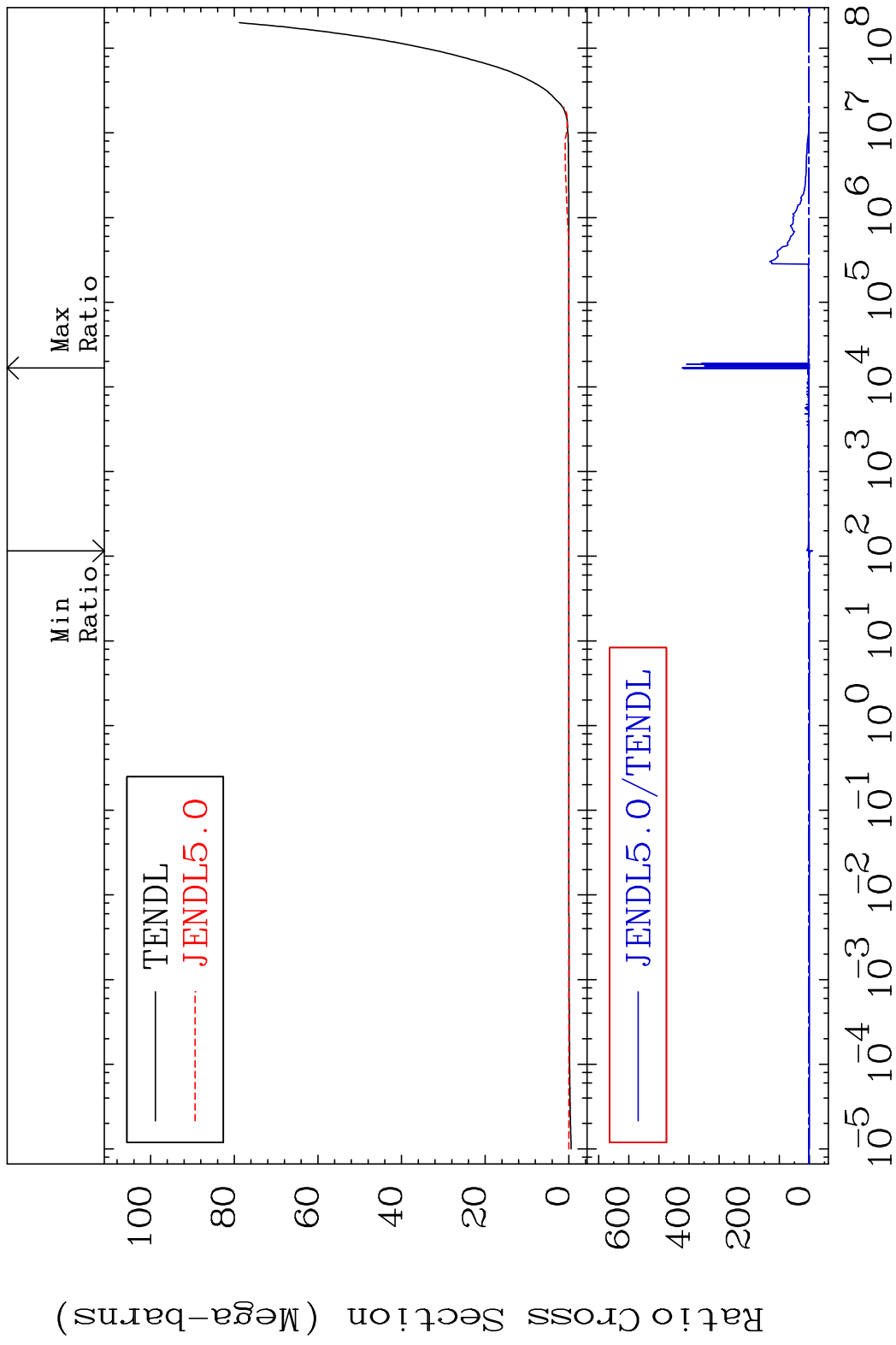


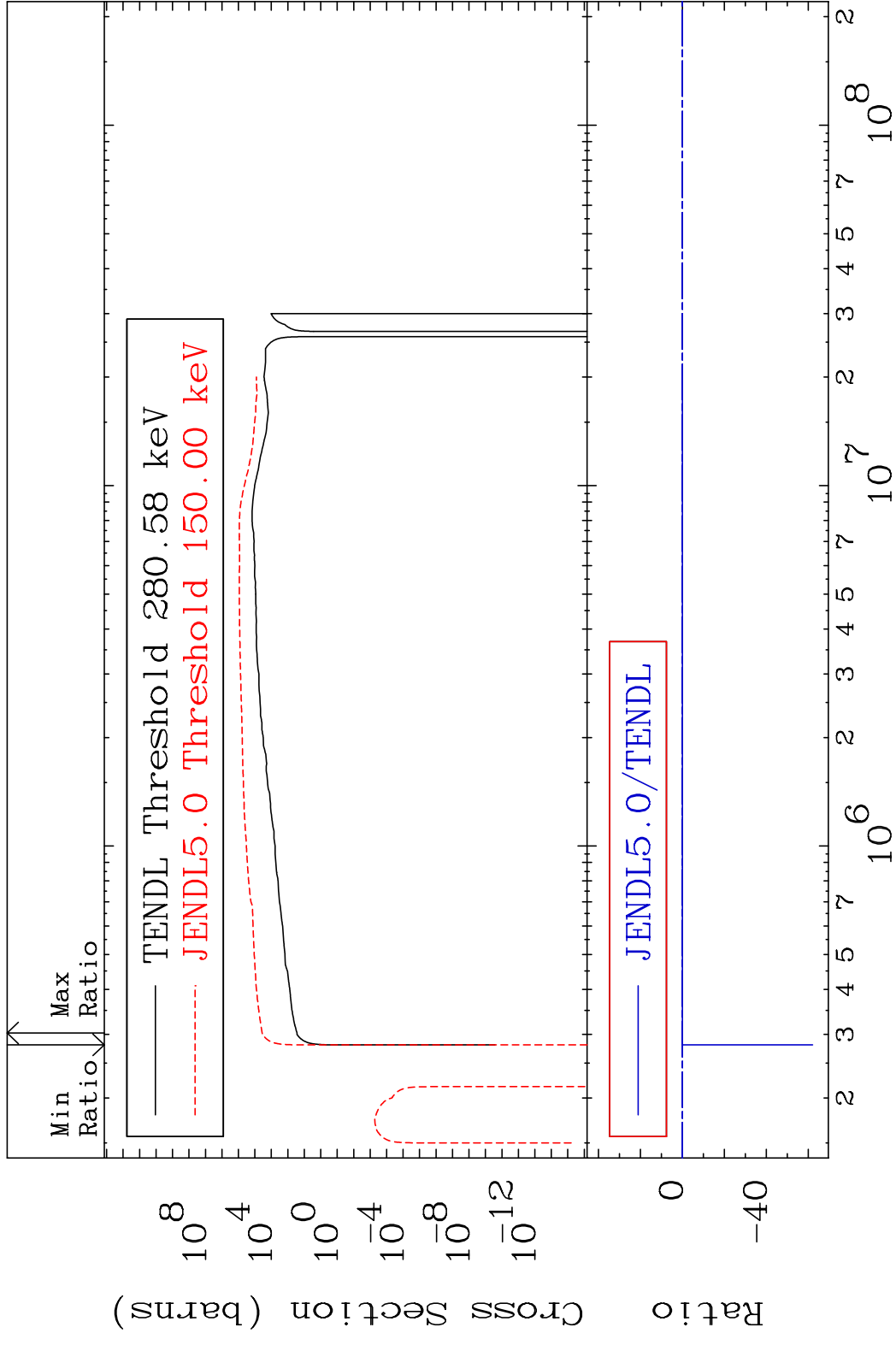
53

Incident Energy (eV)

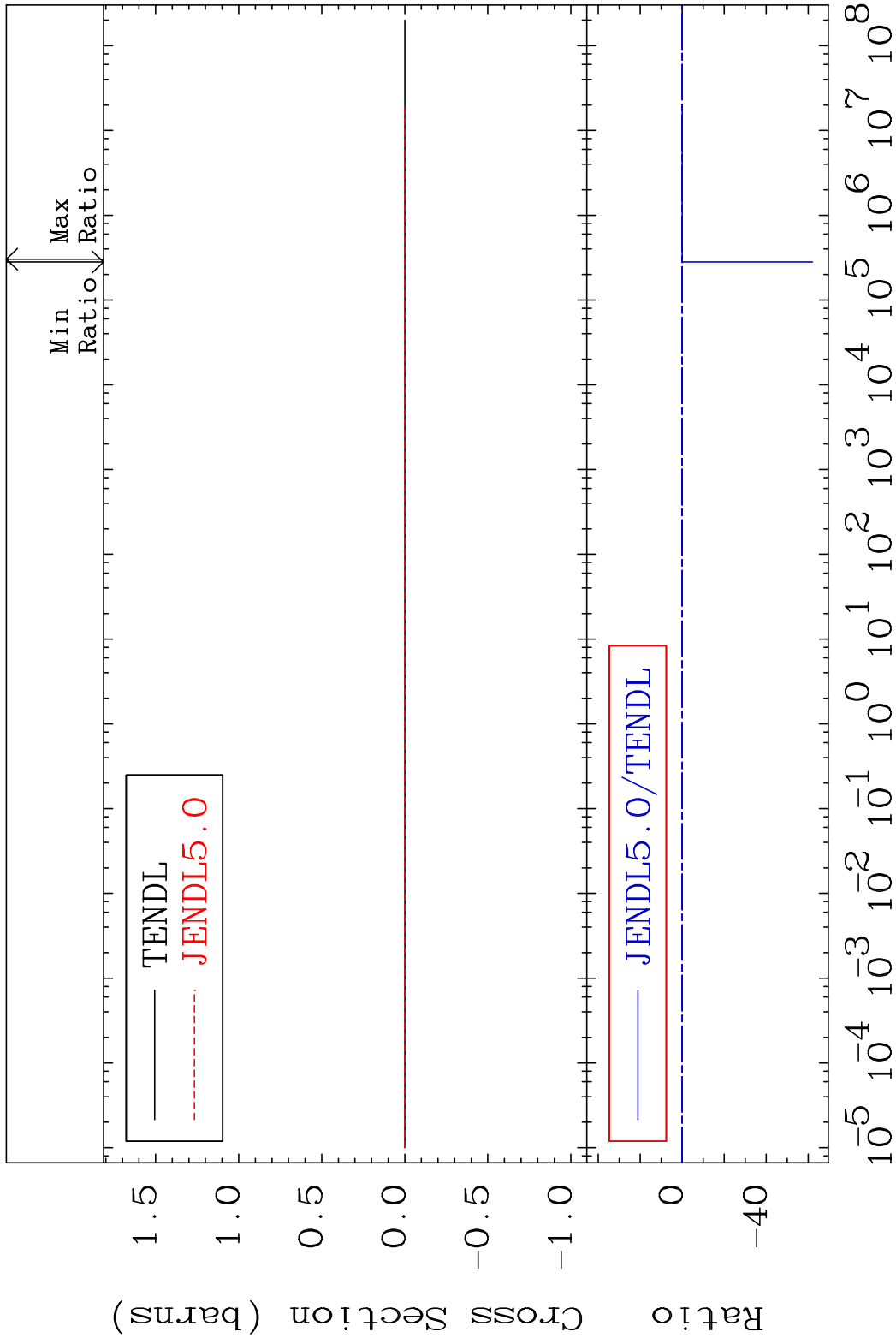
81-Tl-203

MAT 8125 Kerma non-elastic (all but mt2) 81-T1-203
 Cross Section -1160. To 9999. %



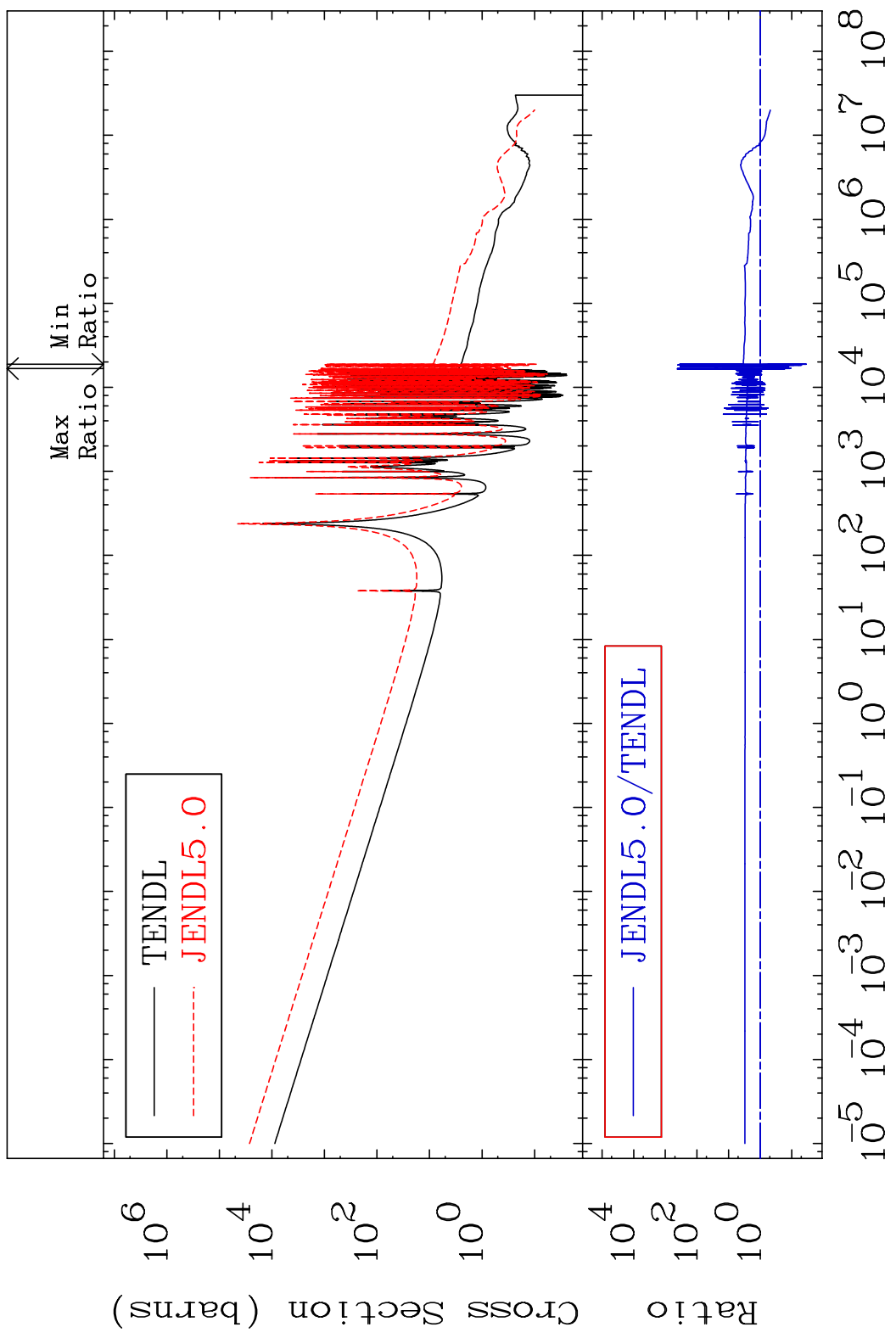


MAT 8125 Kerma fission (mt18 or mt19-20-21-38) 81-Tl-203
 Cross Section -9999. To 9999. %



MAT 8125

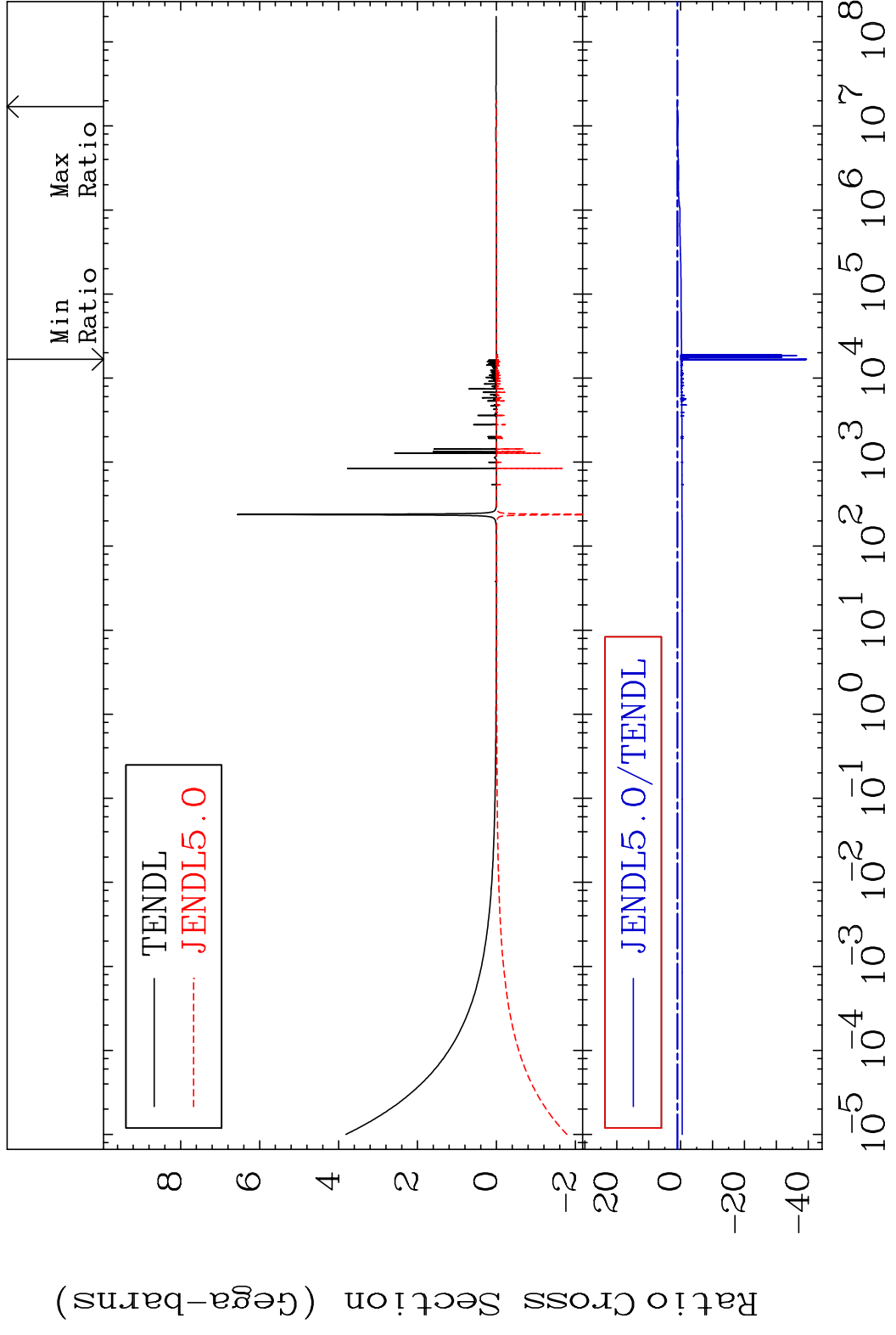
Kerma capture (mt102) 81-T1-203
Cross Section -96.55 To 9999. %



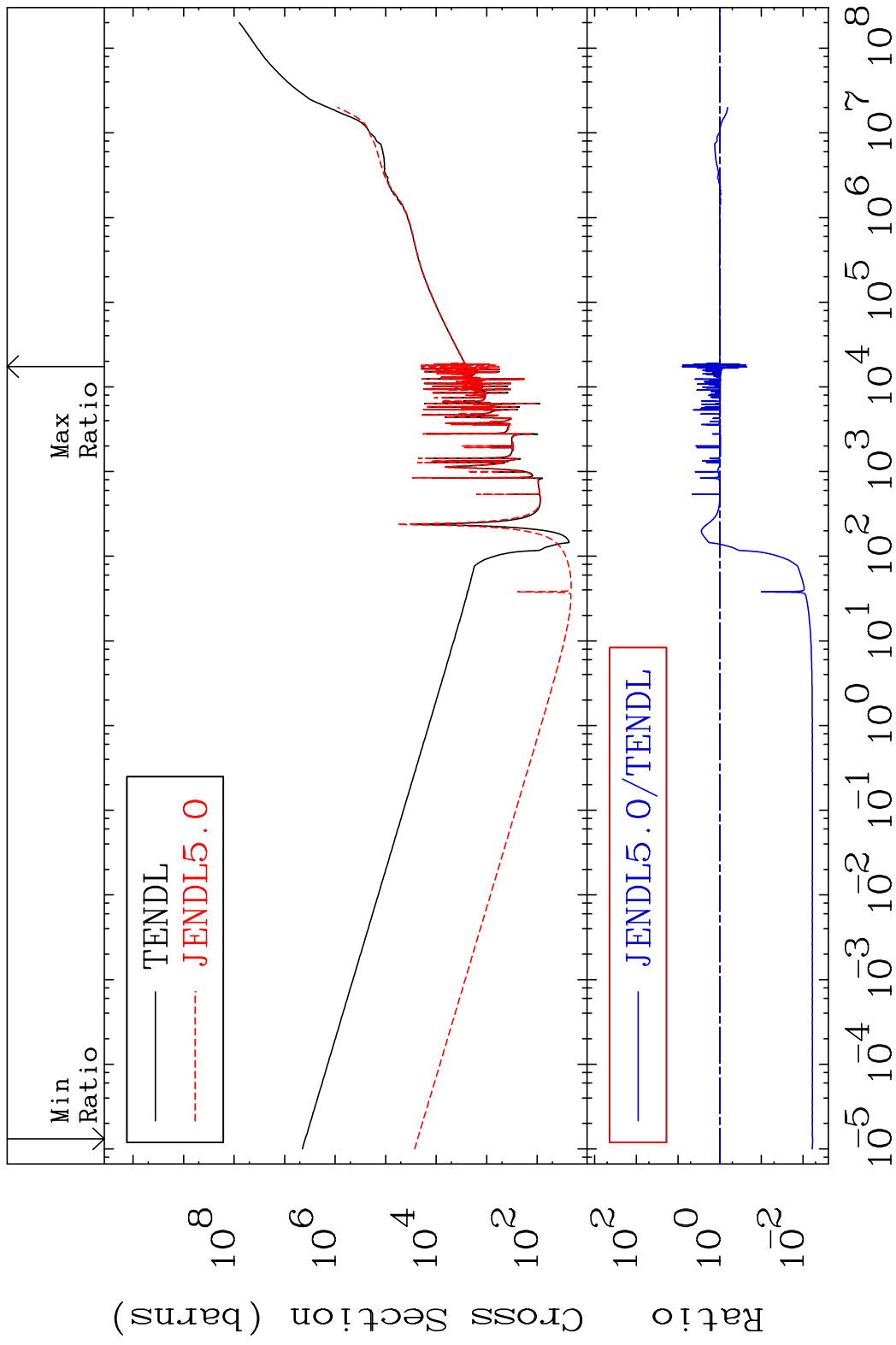
57

Incident Energy (eV) 81-T1-203

MAT 8125 Total photon (eV-barns) 81-T1-203
 Cross Section -4038. To 8.077 %



MAT 8125 Total kinematic kerma (high limit) 81-Tl-203
 Cross Section -99.41 To 686.5 %



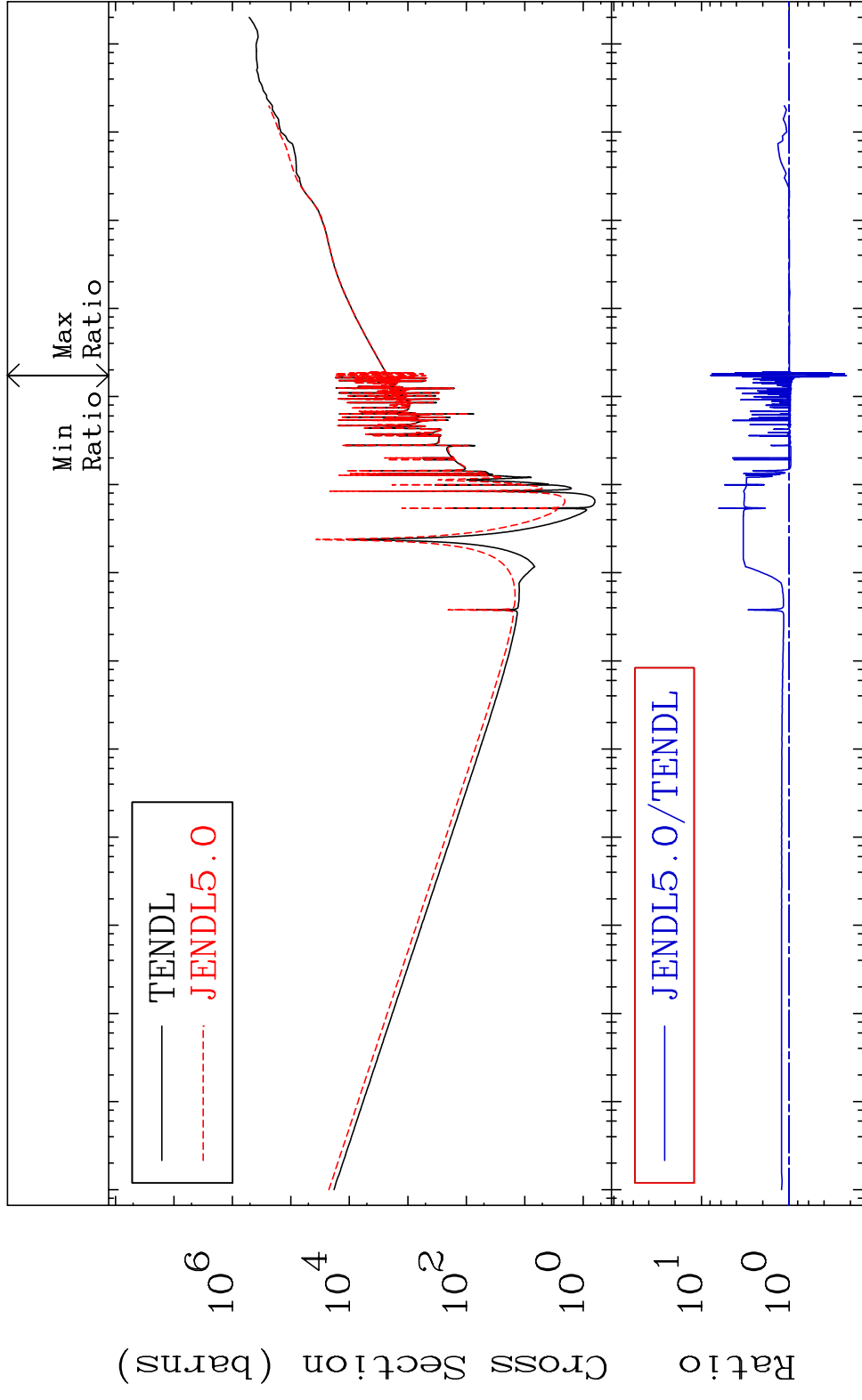
MAT 8125

Dpa total (eV-barns)

81-T1-203

Cross Section

-77.68 To 686.3 %



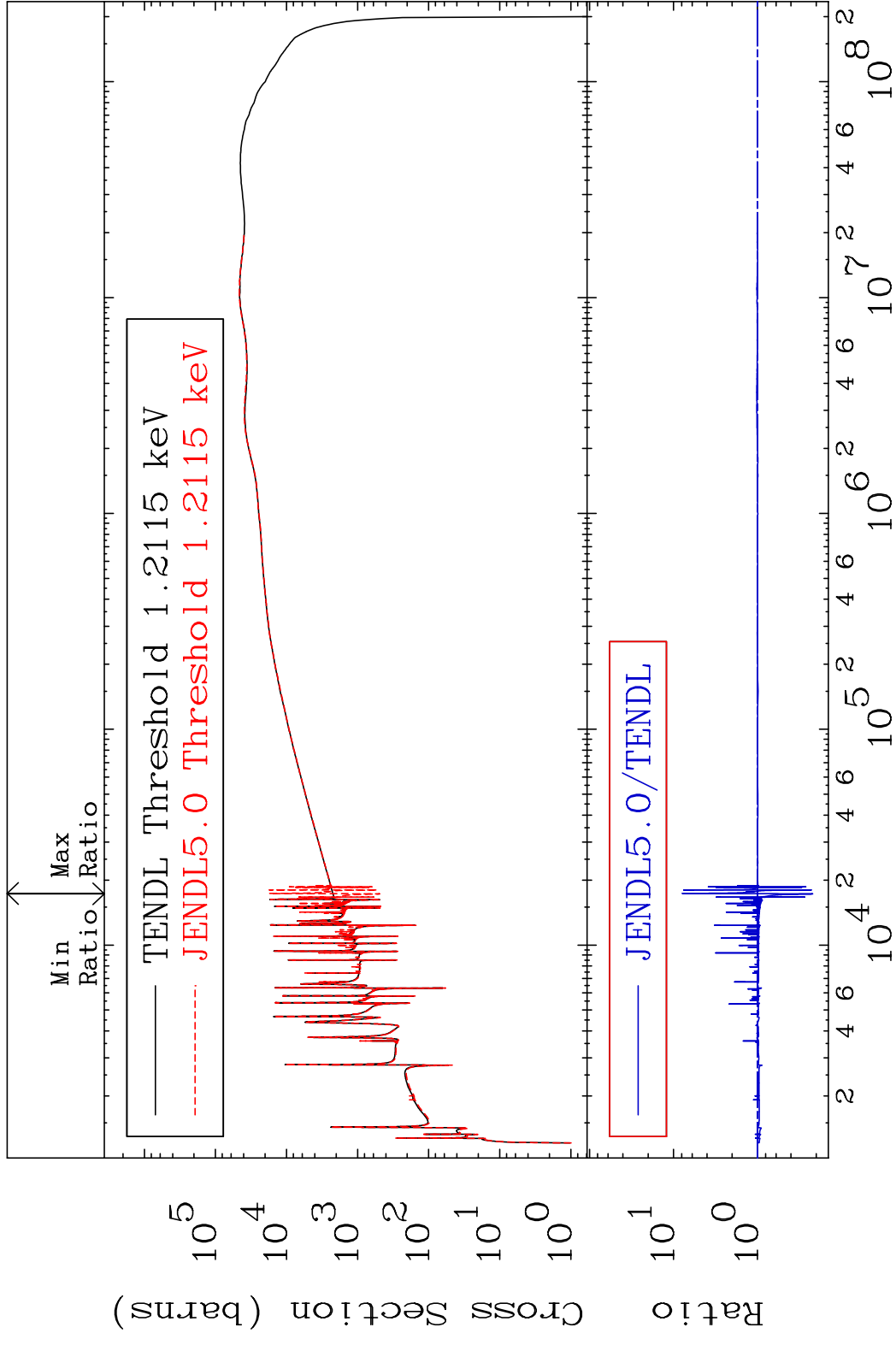
60 Incident Energy (eV) 81-T1-203

MAT 8125

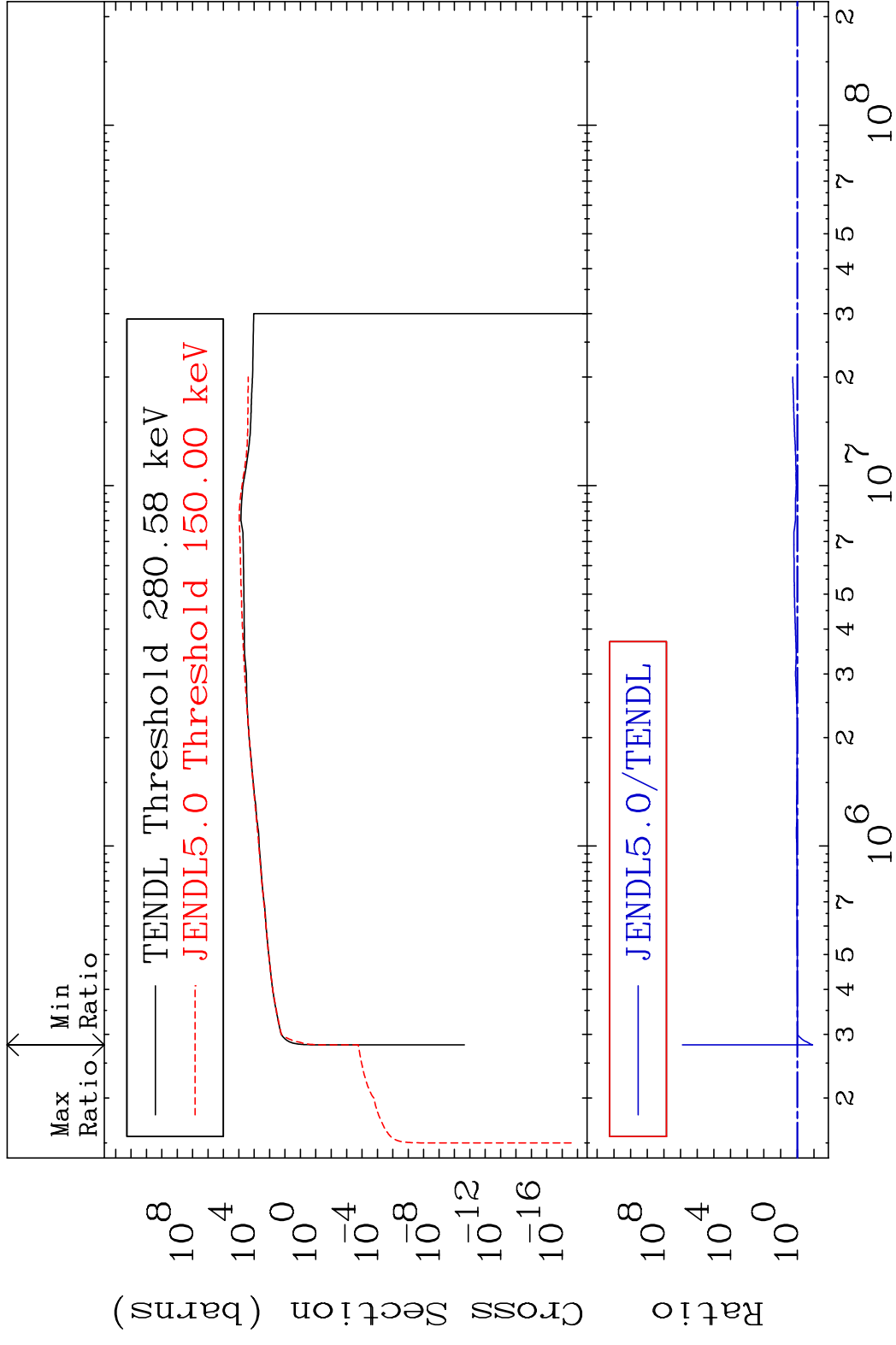
Dpa elastic (mt2)

81-Tl-203

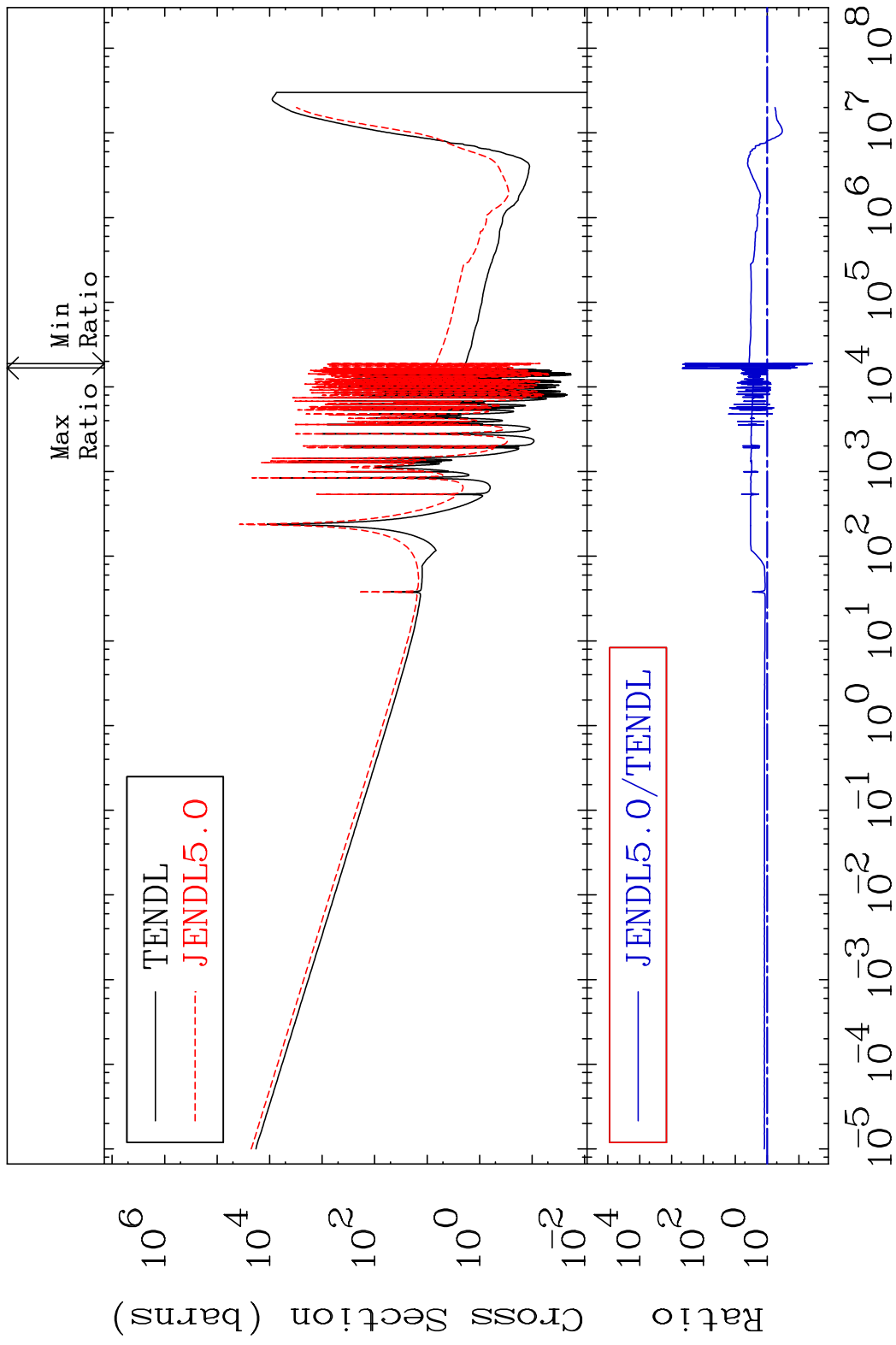
Cross Section -77.89 To 684.5 %



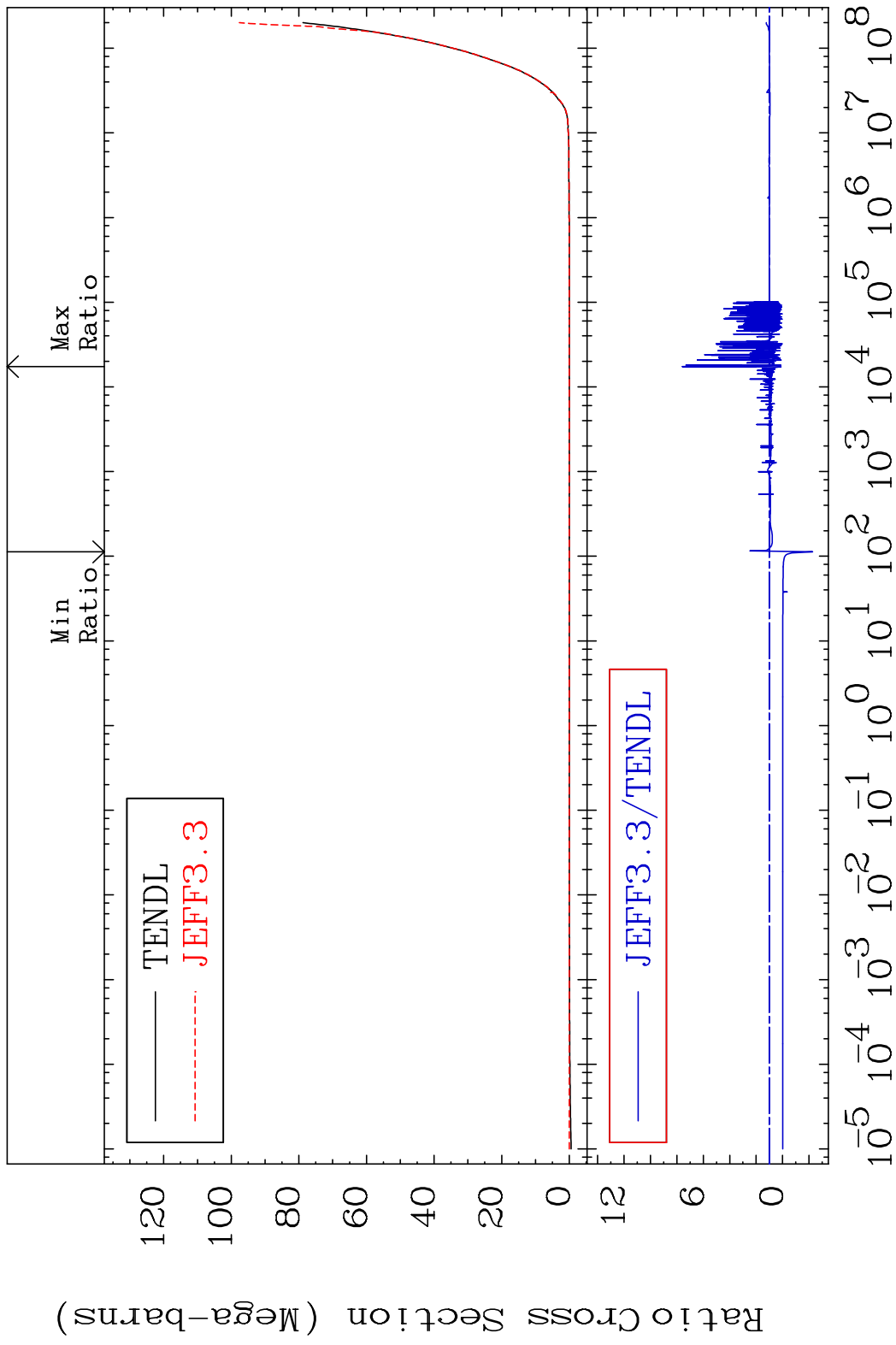
MAT 8125 Dpa inelastic (mt51-91) 81-T1-203
 Cross Section -87.92 To 9999. %



MAT 8125 Dpa disappearance (mt102 -120) 81-T1-203
 Cross Section -96.24 To 9999. %



MAT 8125 Kerma total (eV-barns) 81-T1-203
 Cross Section -326.8 To 658.4 %

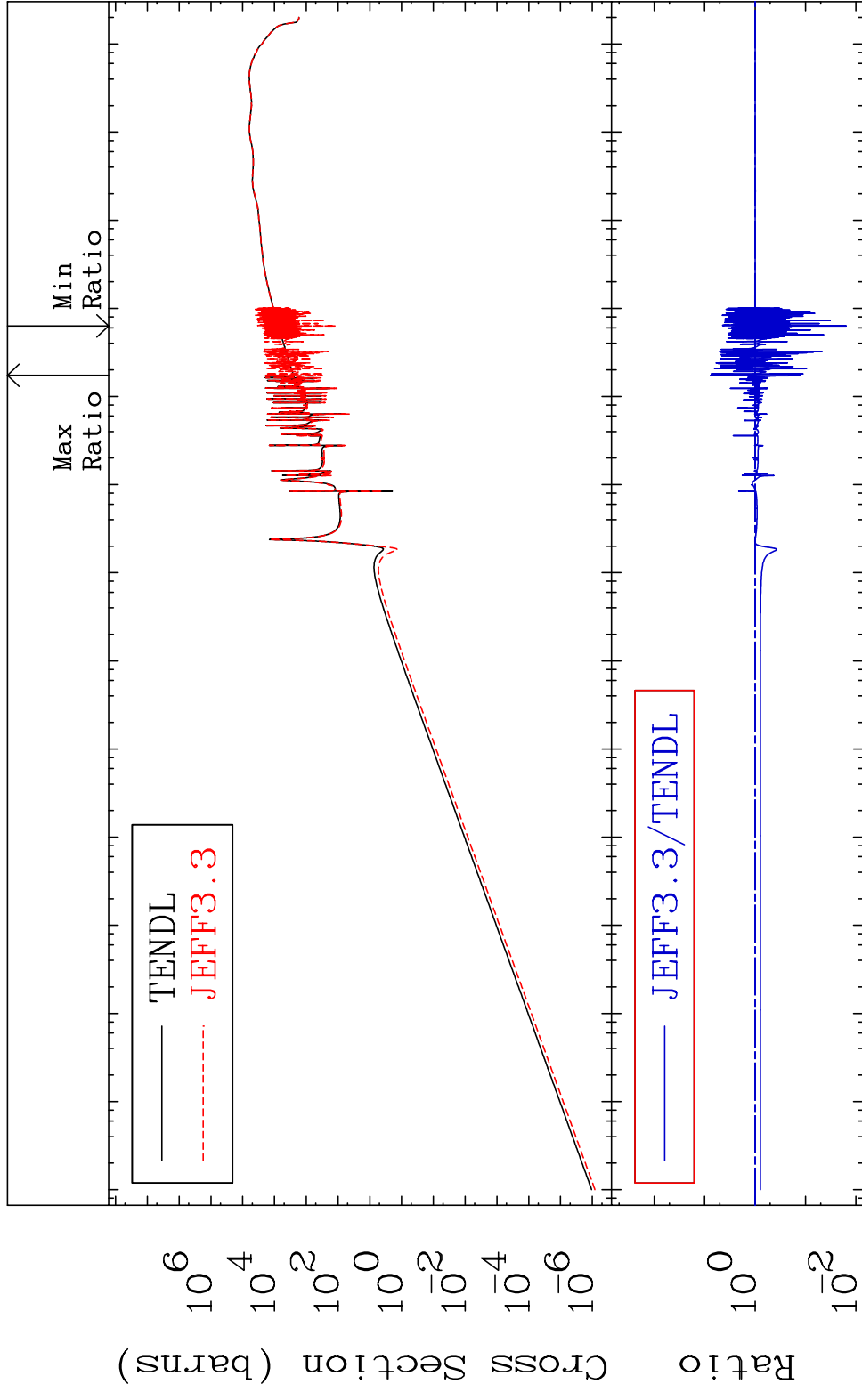


64 Incident Energy (eV) 81-T1-203

MAT 8125

Kerma elastic
Cross Section

81-T1-203
-98.45 To 658.3 %

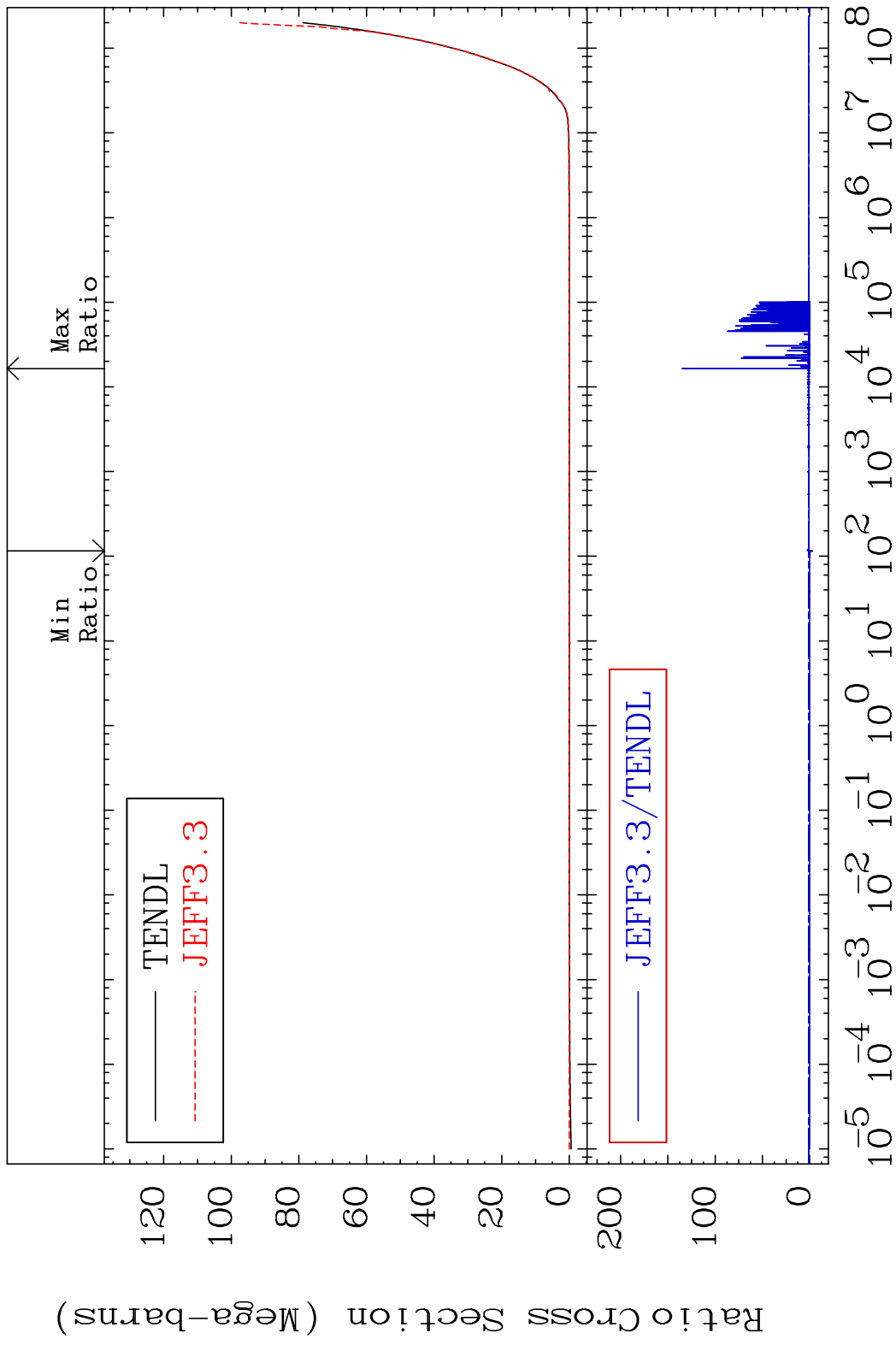


65

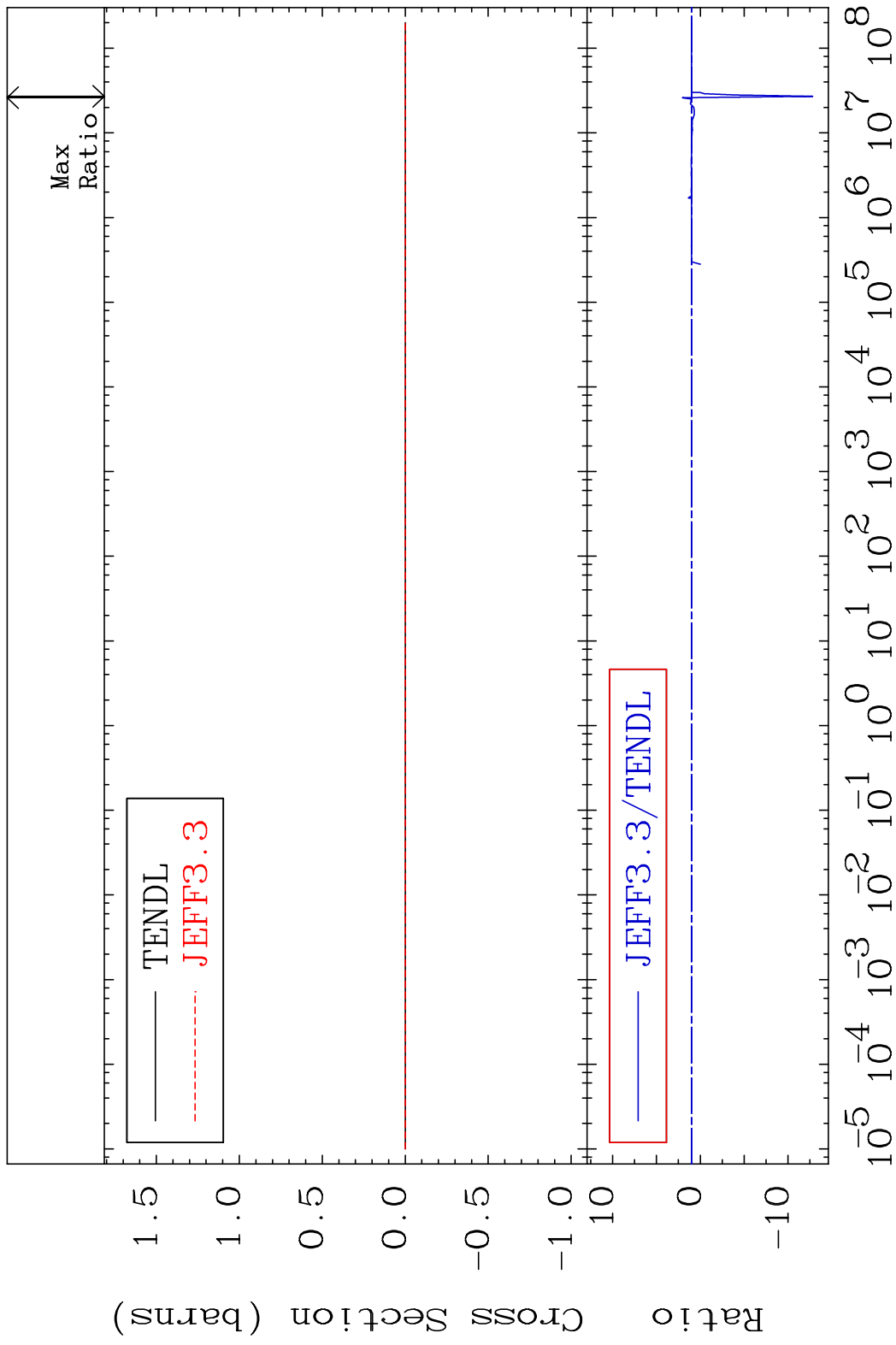
Incident Energy (eV)

81-T1-203

MAT 8125 Kerma non-elastic (all but mt2) 81-T1-203
 Cross Section -402.1 To 9999. %

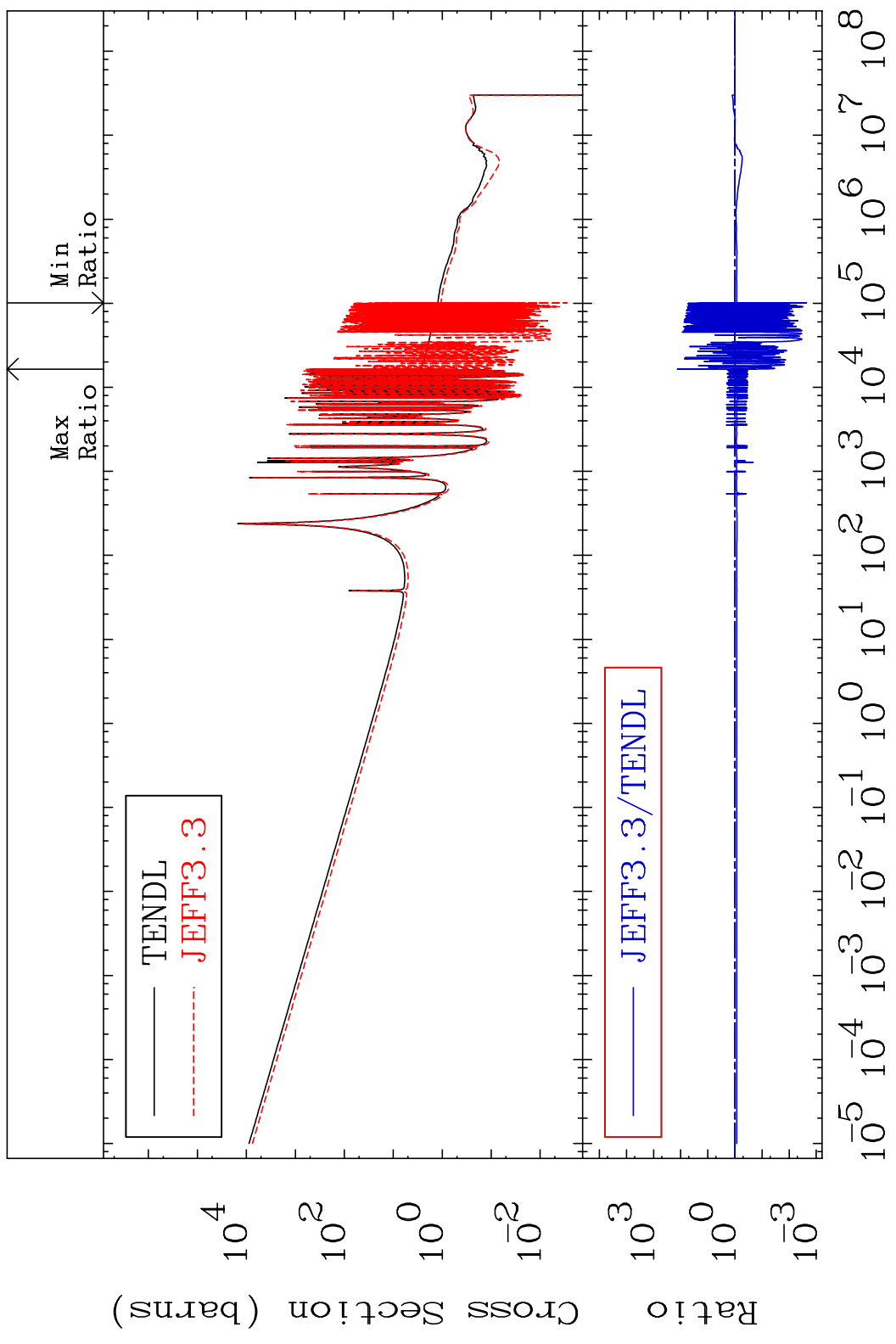


MAT 8125 Kerma fission (mt18 or mt19-20-21-38) 81-T1-203
 Cross Section -1380. To 104.8 %

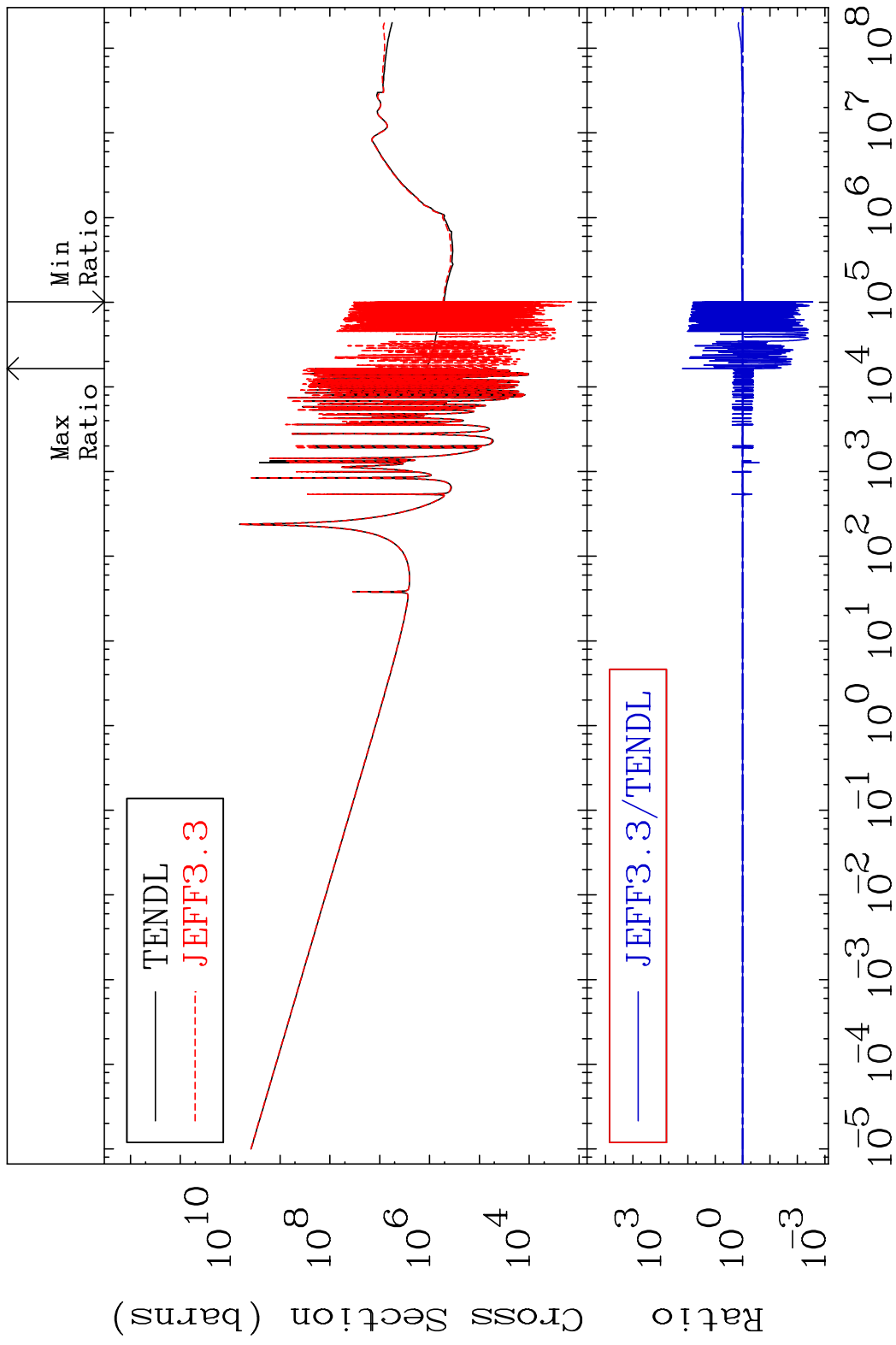


MAT 8125

Kerma capture (mt102) 81-Tl-203
Cross Section -99.77 To 9999. %

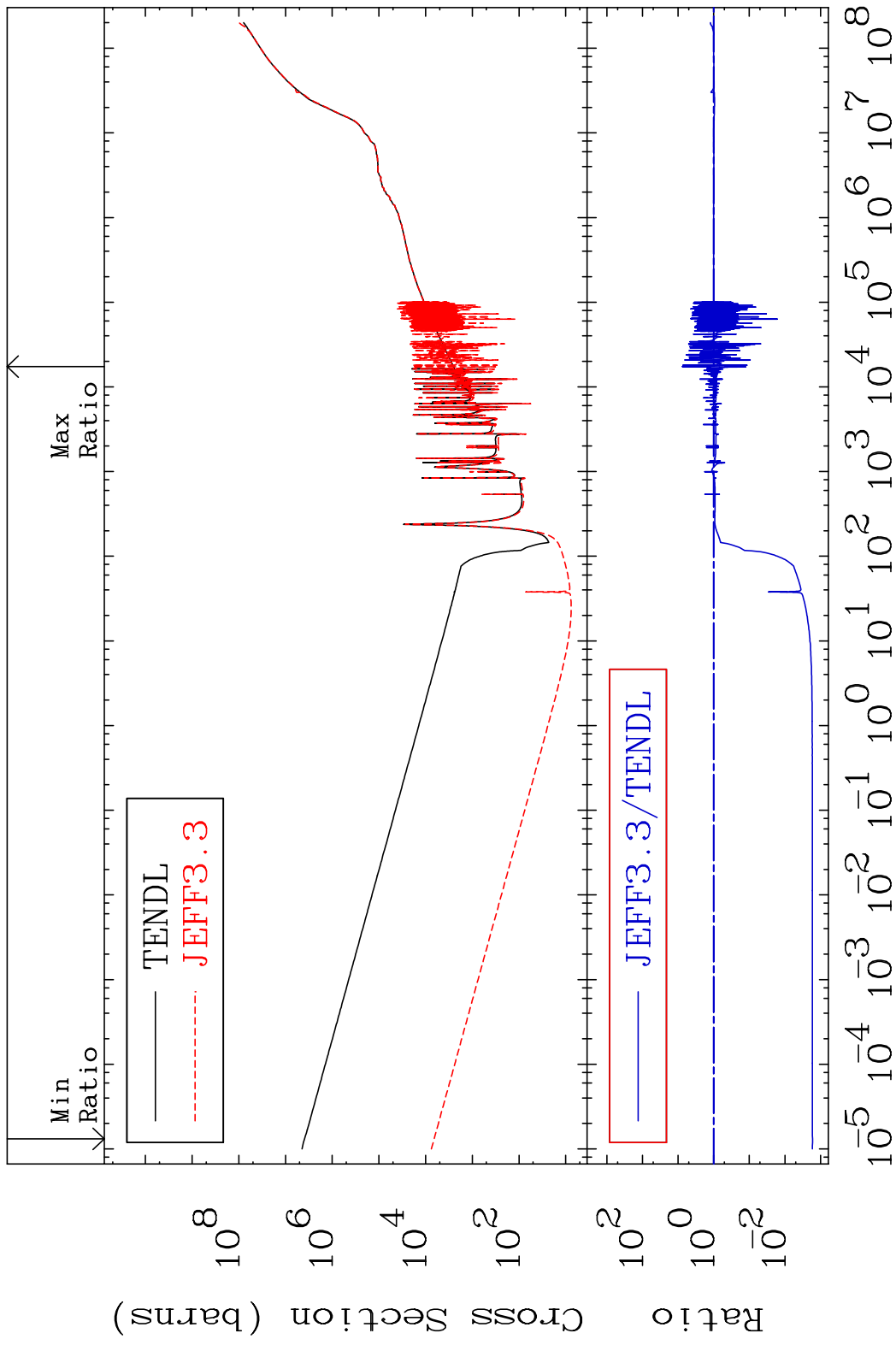


MAT 8125 Total photon (eV-barns) 81-T1-203
Cross Section -99.72 To 9999. %



70 Incident Energy (eV) 81-T1-203

MAT 8125 Total kinematic kerma (high limit) 81-Tl-203
 Cross Section -99.83 To 658.4 %

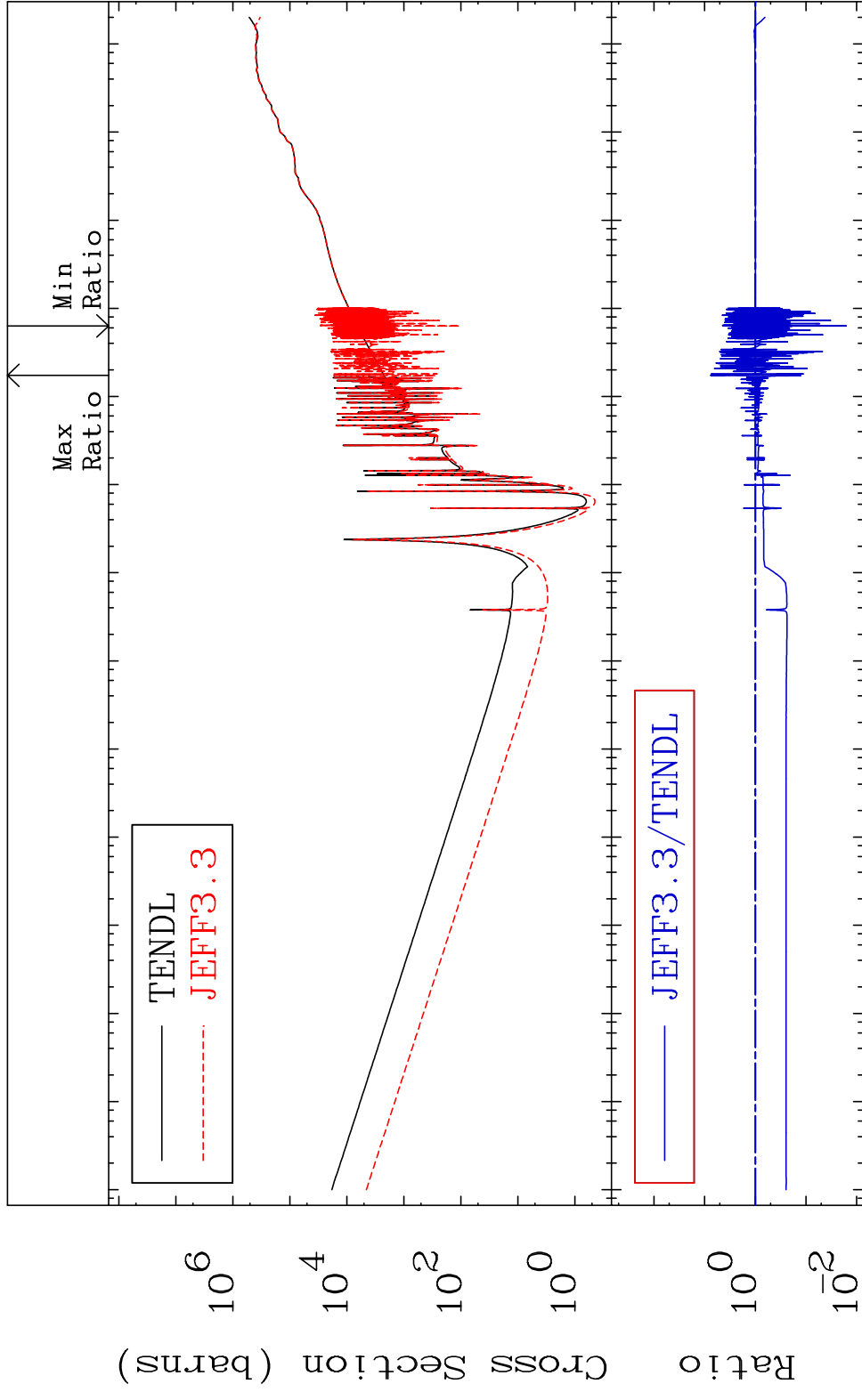


MAT 8125

Dpa total (eV-barns)

81-T1-203

Cross Section -98.40 To 658.1 %



72

Incident Energy (eV)

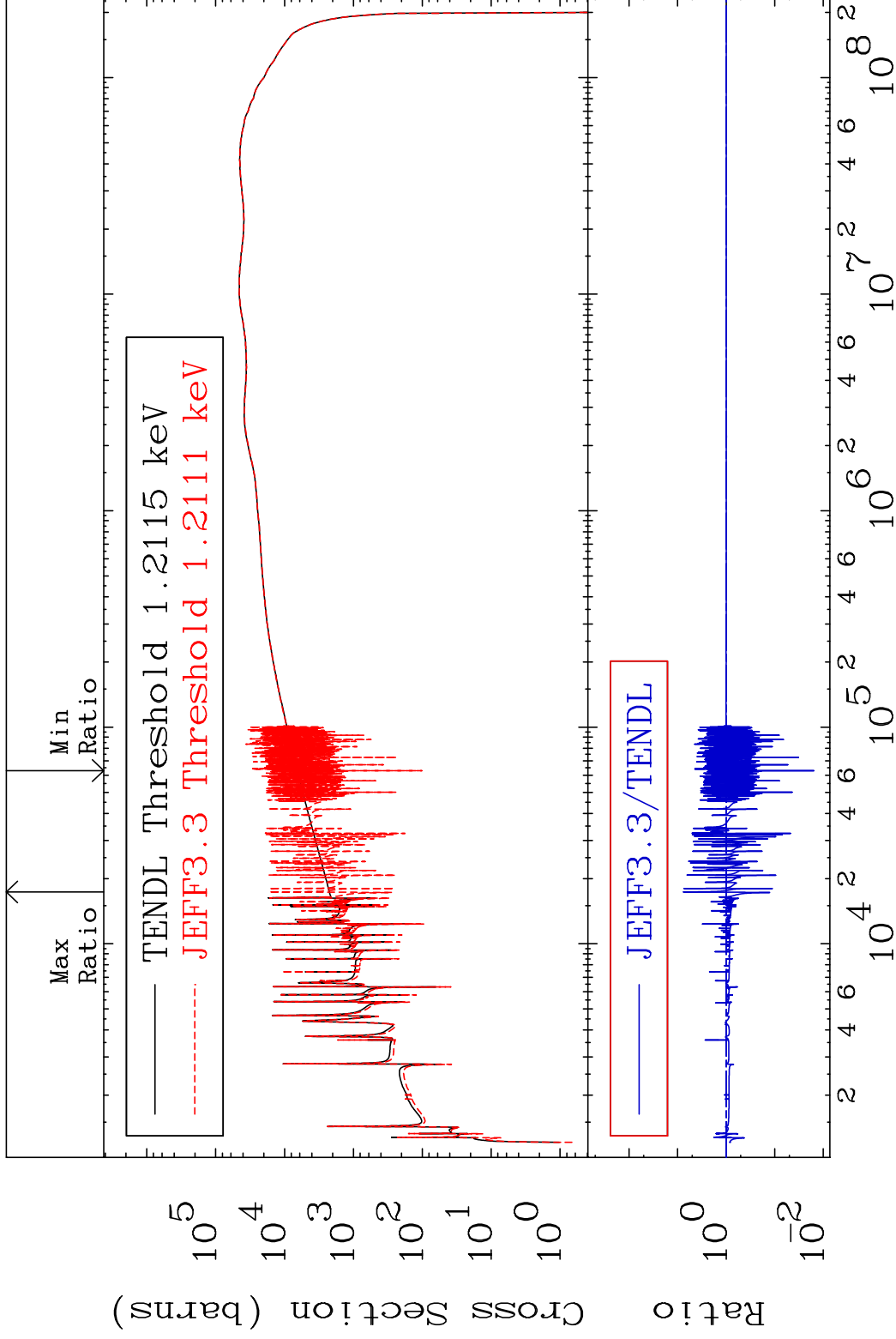
81-T1-203

MAT 8125

Dpa elastic (mt2)

81-Tl-203

Cross Section -98.45 To 658.1 %

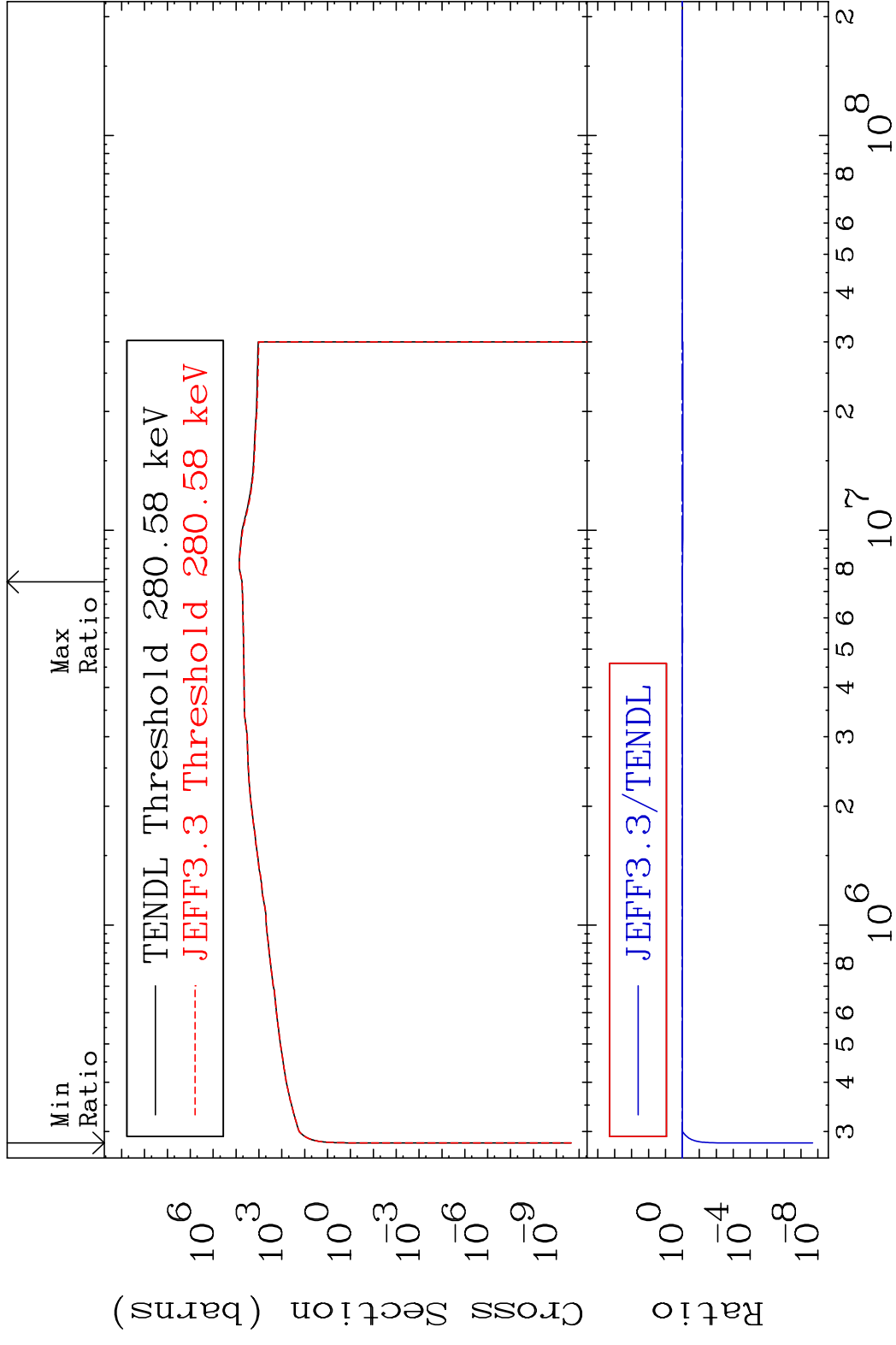


73

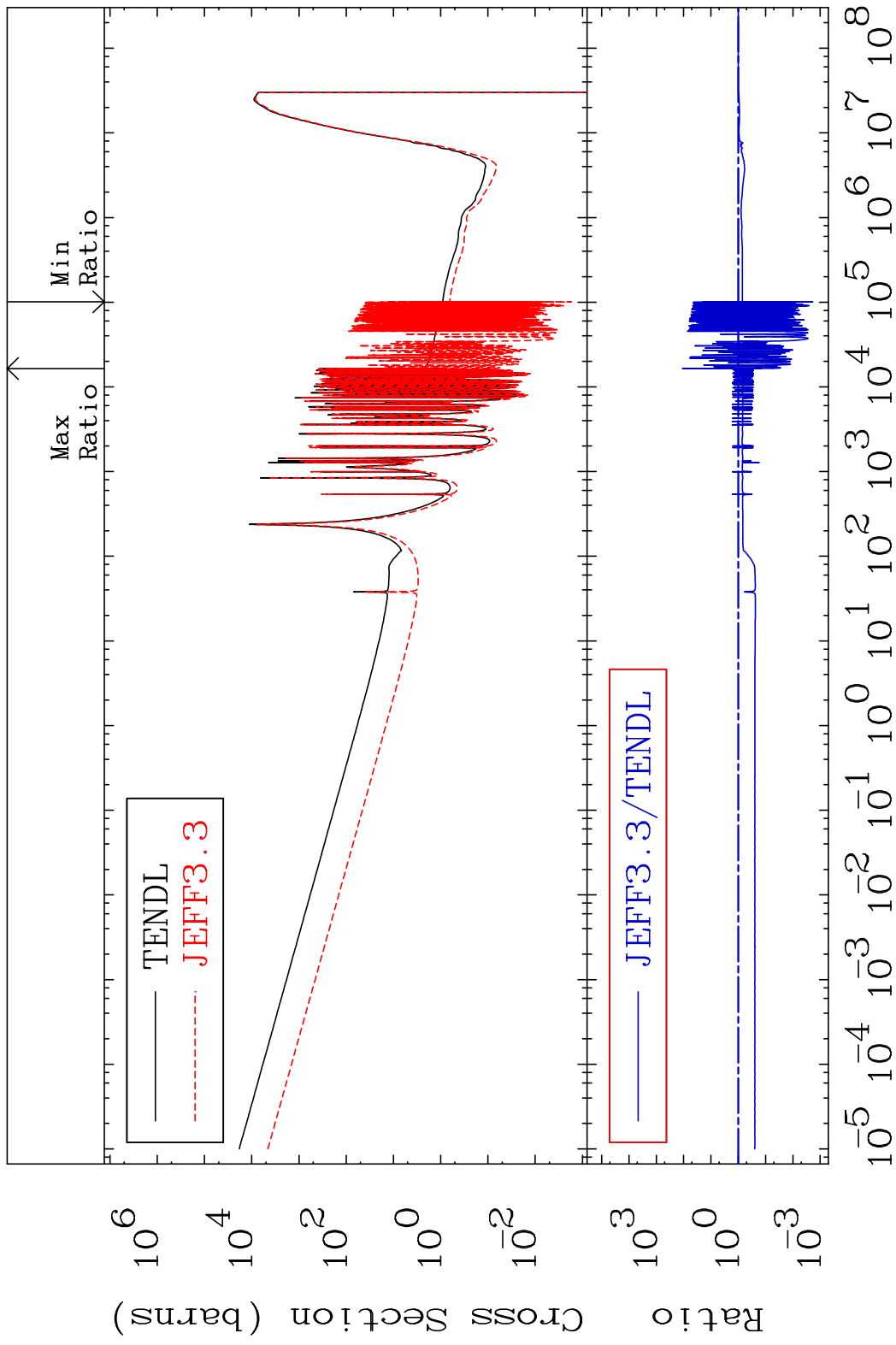
Incident Energy (eV)

81-Tl-203

MAT 8125 Dpa inelastic (mt51-91) 81-Tl-203
 Cross Section -100.0 To 0.888 %



MAT 8125 Dpa disappearance (mt102 -120) 81-T1-203
 Cross Section -99.81 To 9999. %



75 Incident Energy (eV) 81-T1-203

