

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

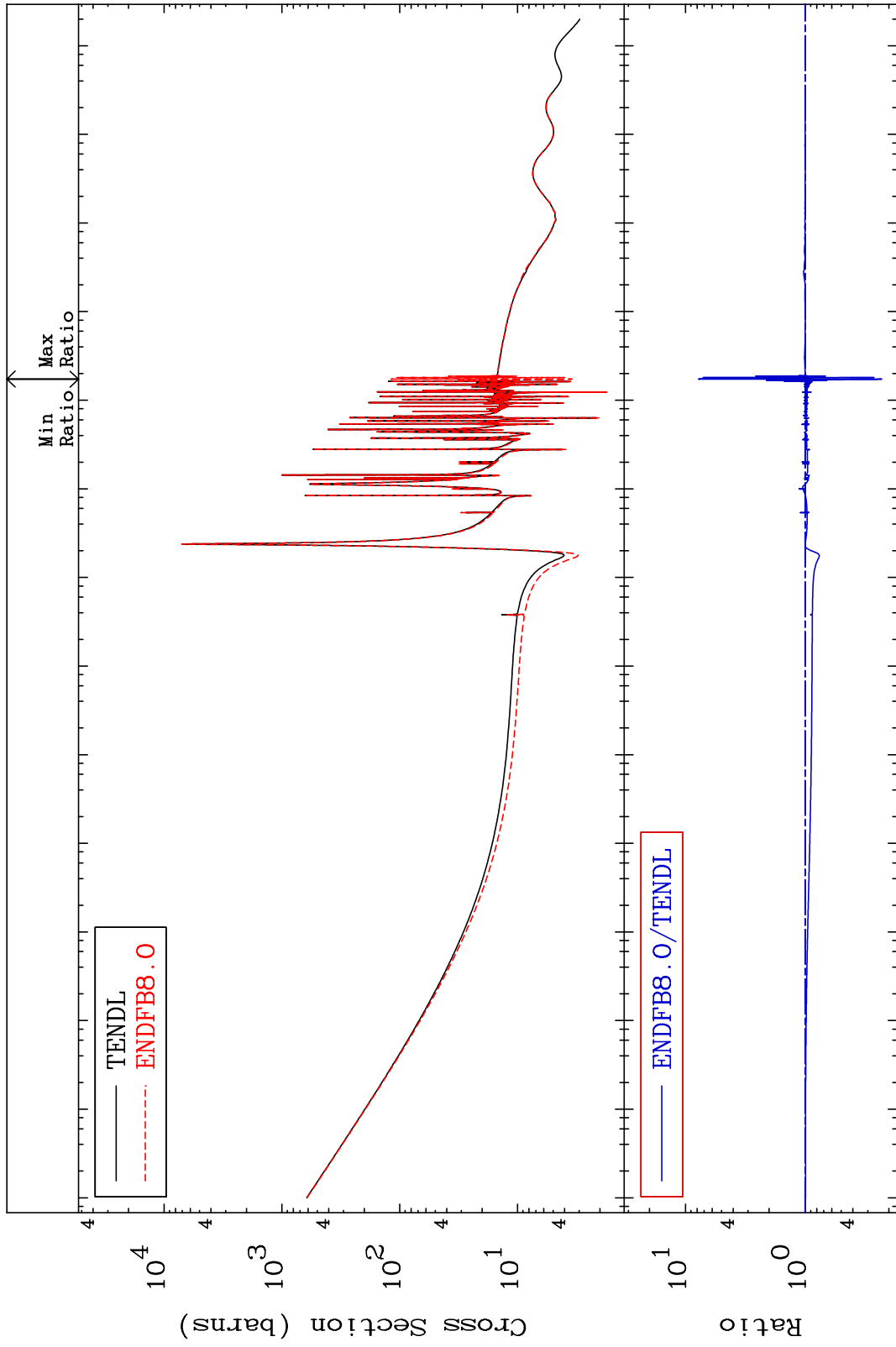
MAT 8125

Total

81-Tl-203

Cross Section

-77.01 To 681.2 %



Incident Energy (eV)

81-Tl-203

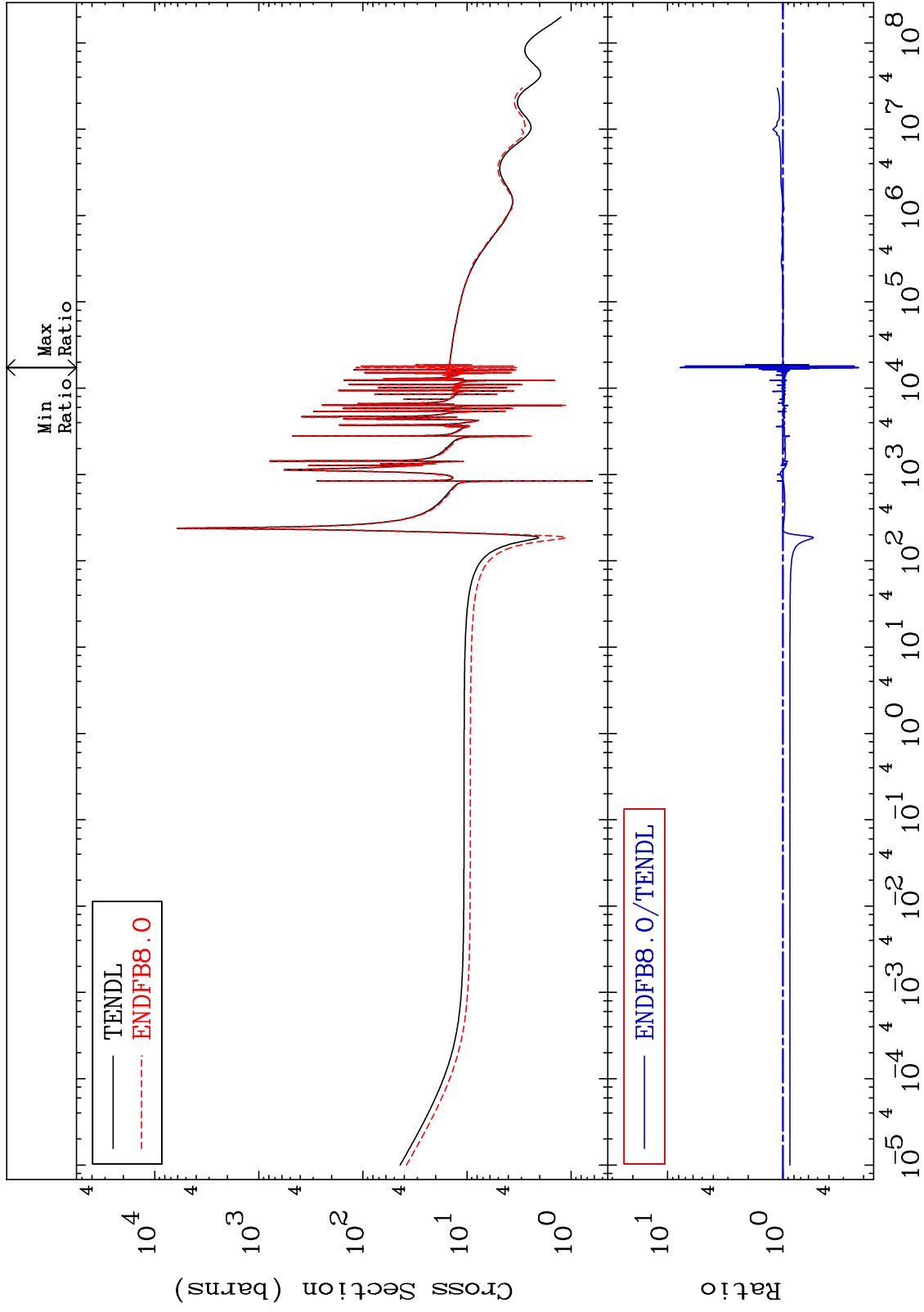
MAT 8125

Elastic

Cross Section

81-T1-203

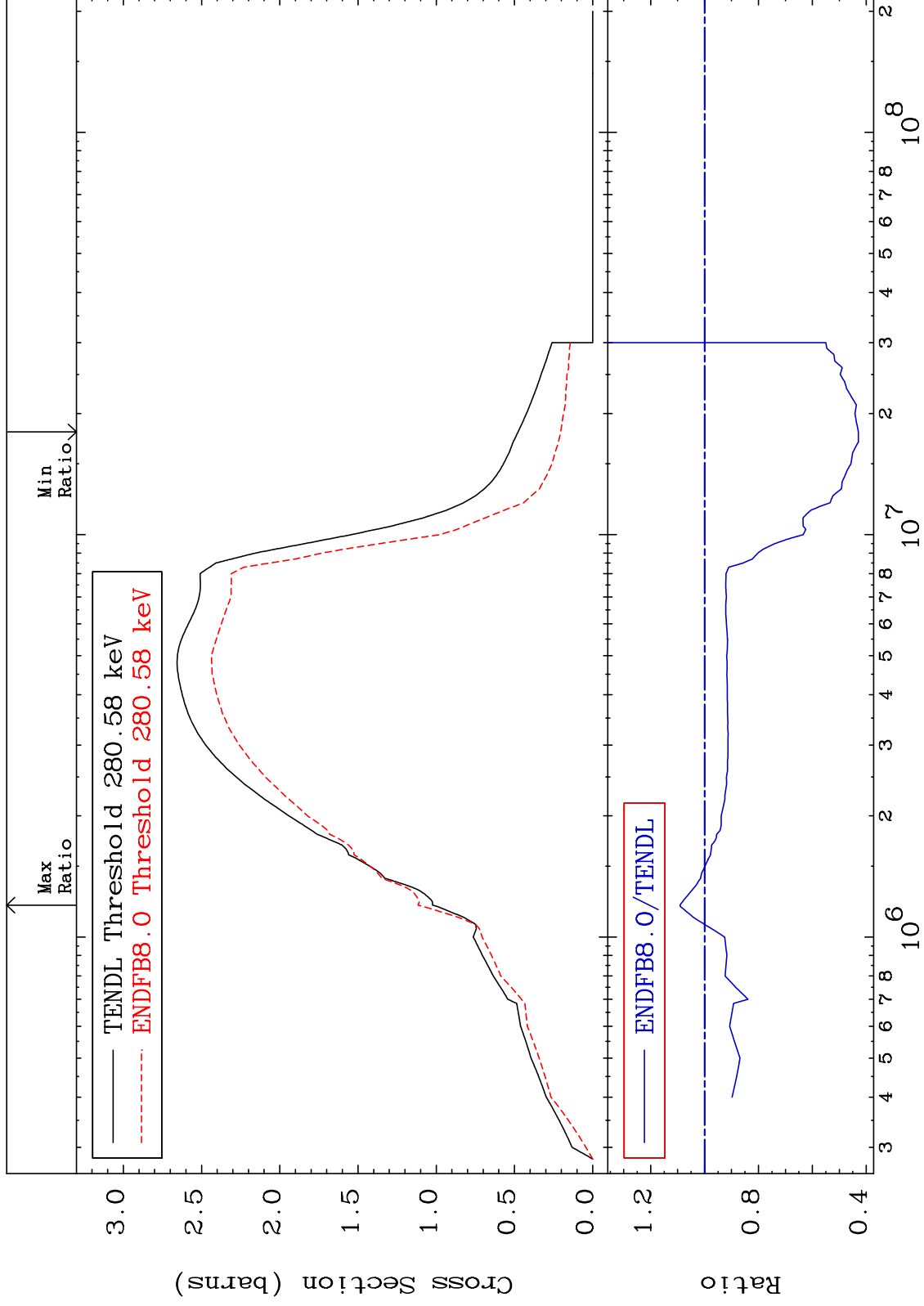
-77.83 To 678.7 %



MAT 8125

Inelastic
Cross Section

81-Tl-203
-57.10 To 9.121 %



3

Incident Energy (eV)

81-Tl-203

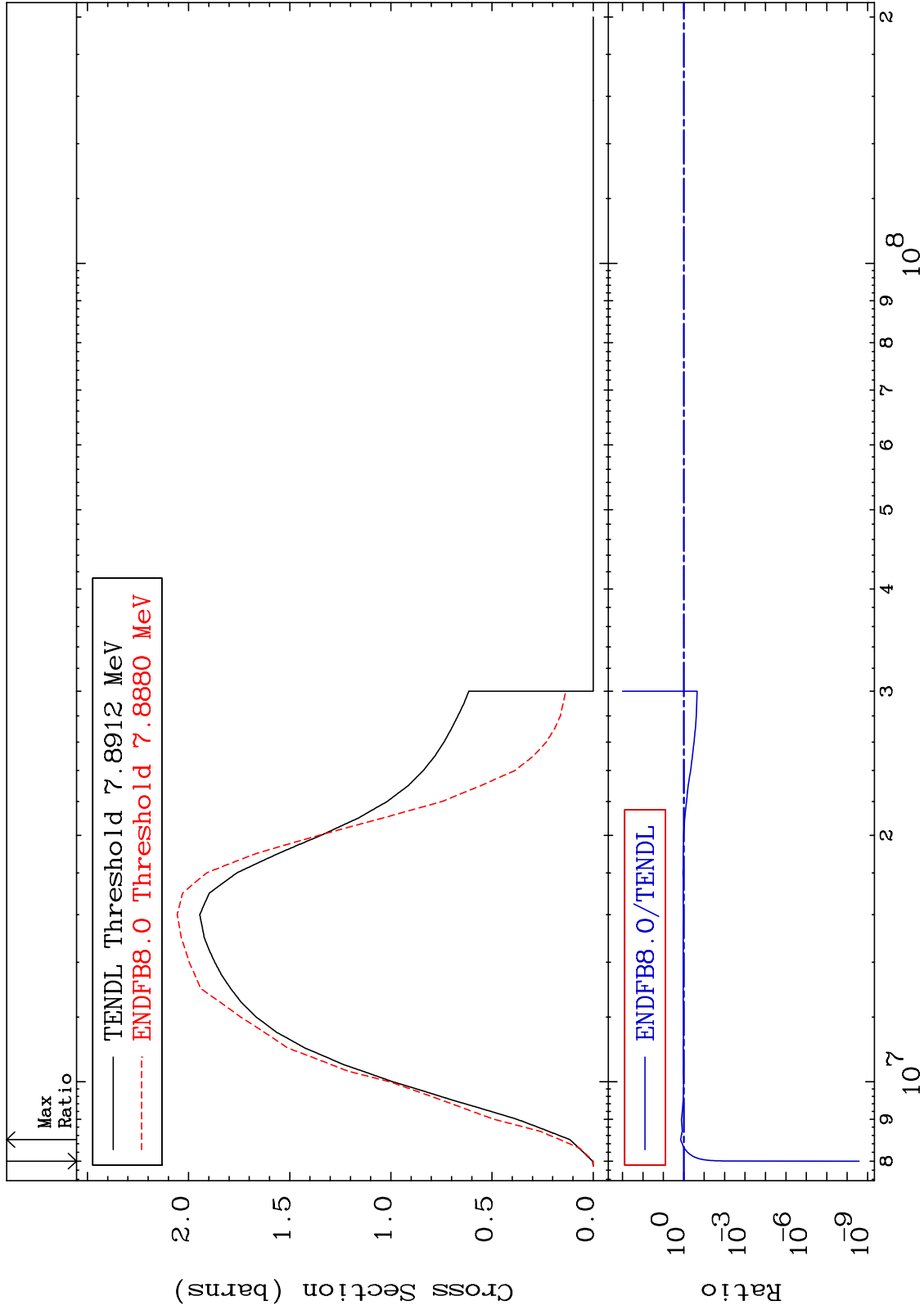
MAT 8125

(n,2n)

81-Tl-203

Cross Section

-100.0 To 42.74 %



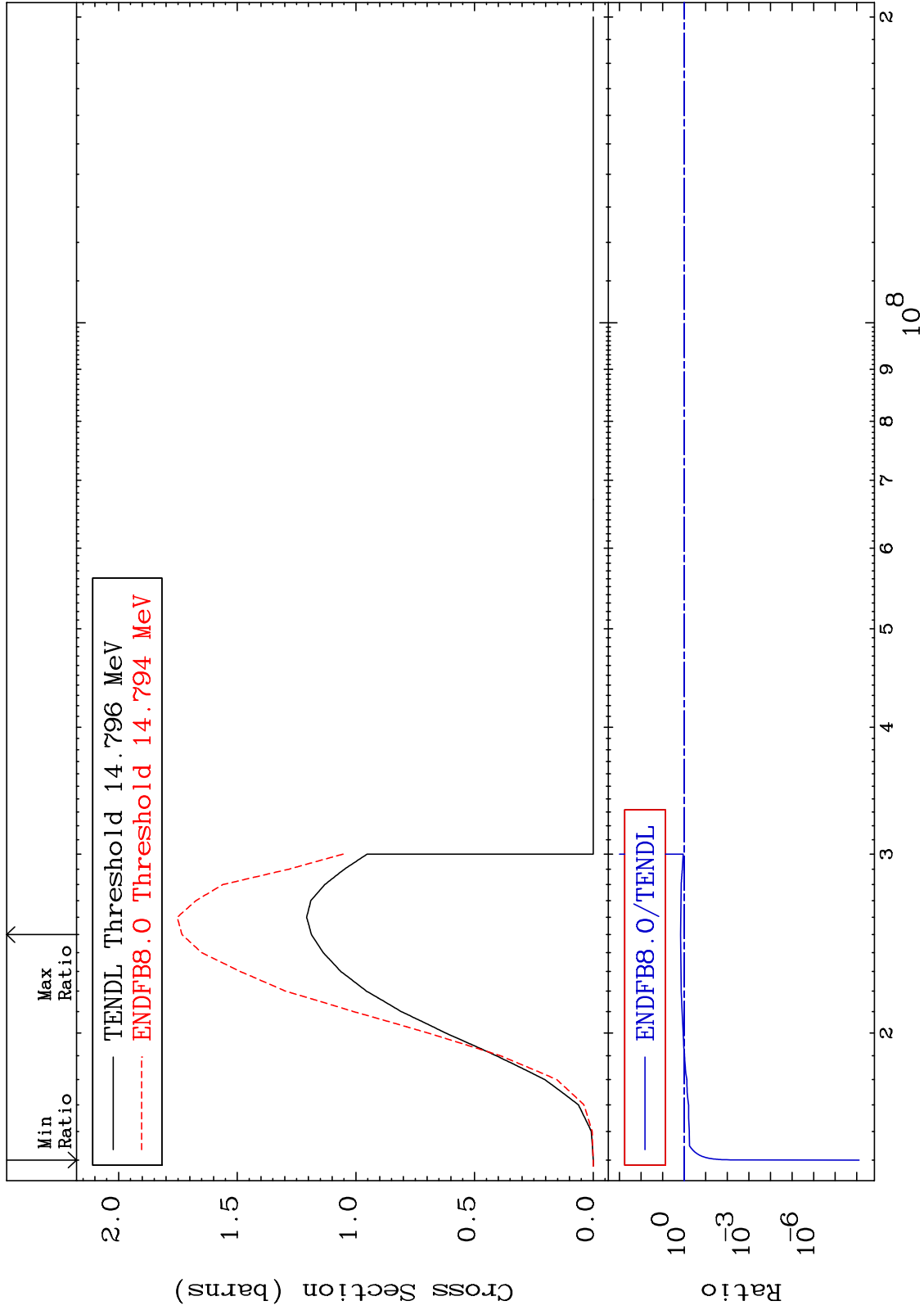
MAT 8125

(n, 3n)

81-Tl-203

Cross Section

-100.0 To 45.95 %



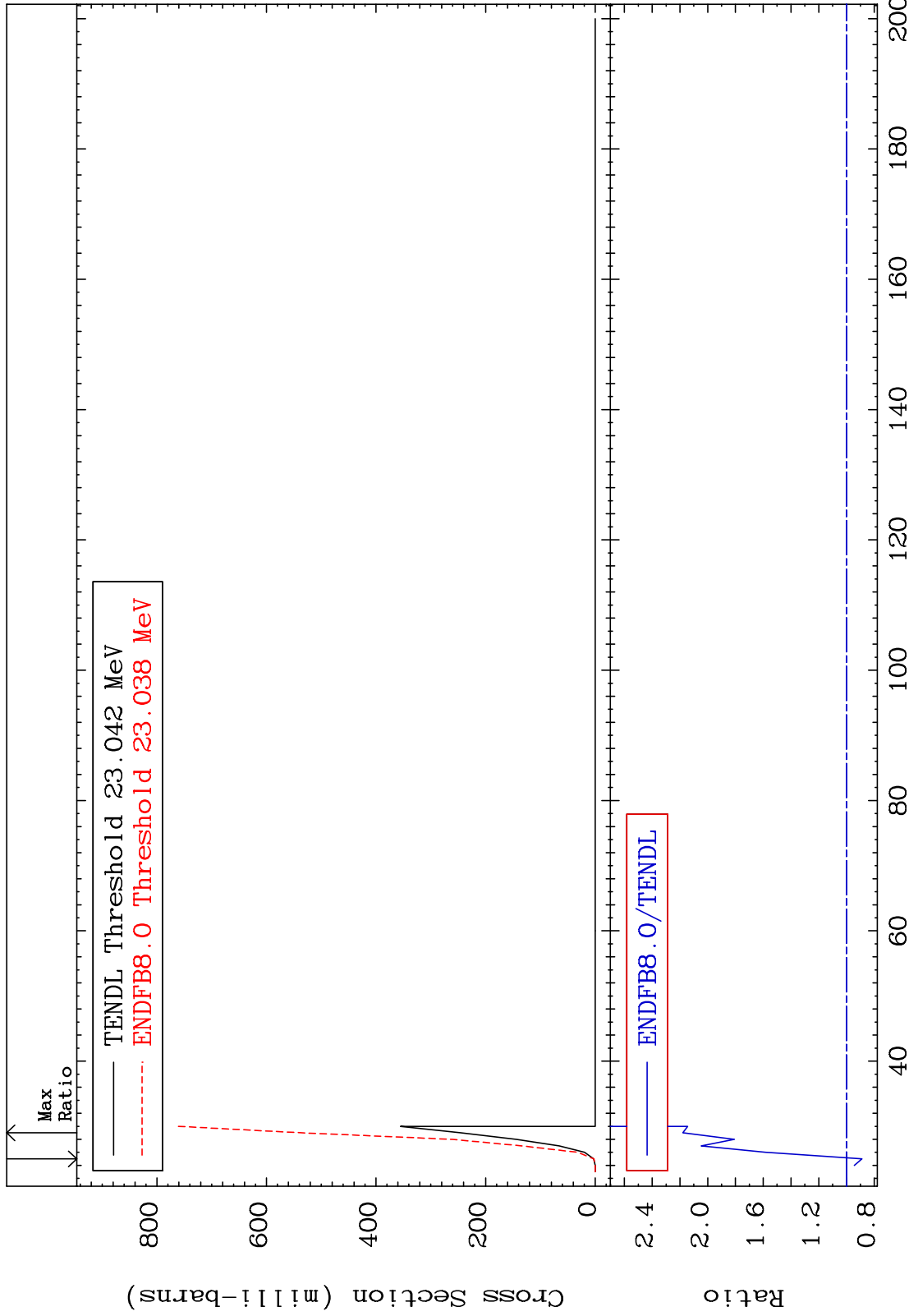
MAT 8125

(n, 4n)

81-Tl-203

Cross Section

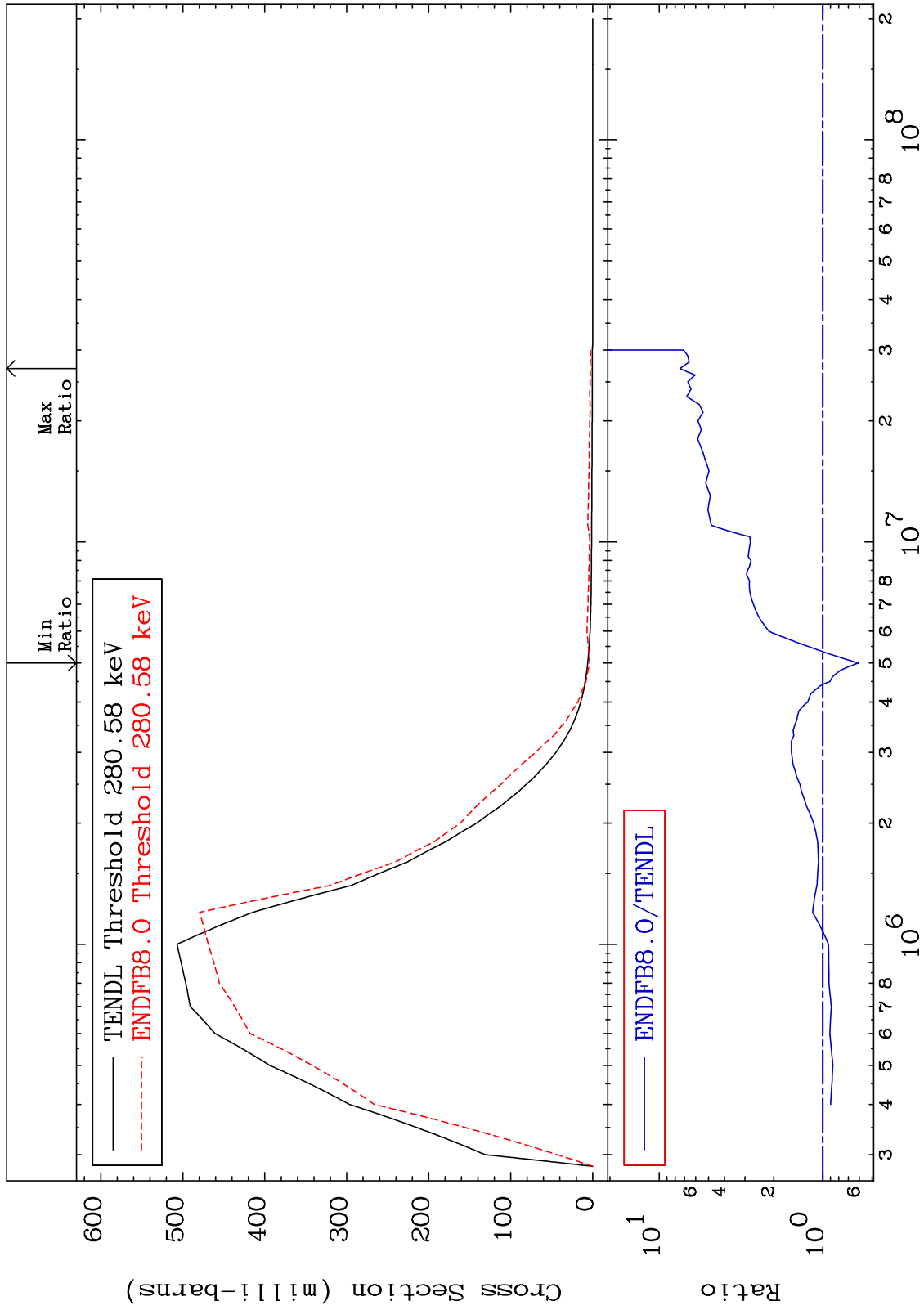
-11.19 To 117.9 %



MAT 8125

MT= 51 (n,n') Level
Cross Section

81-Tl-203
-39.33 To 647.0 %



7

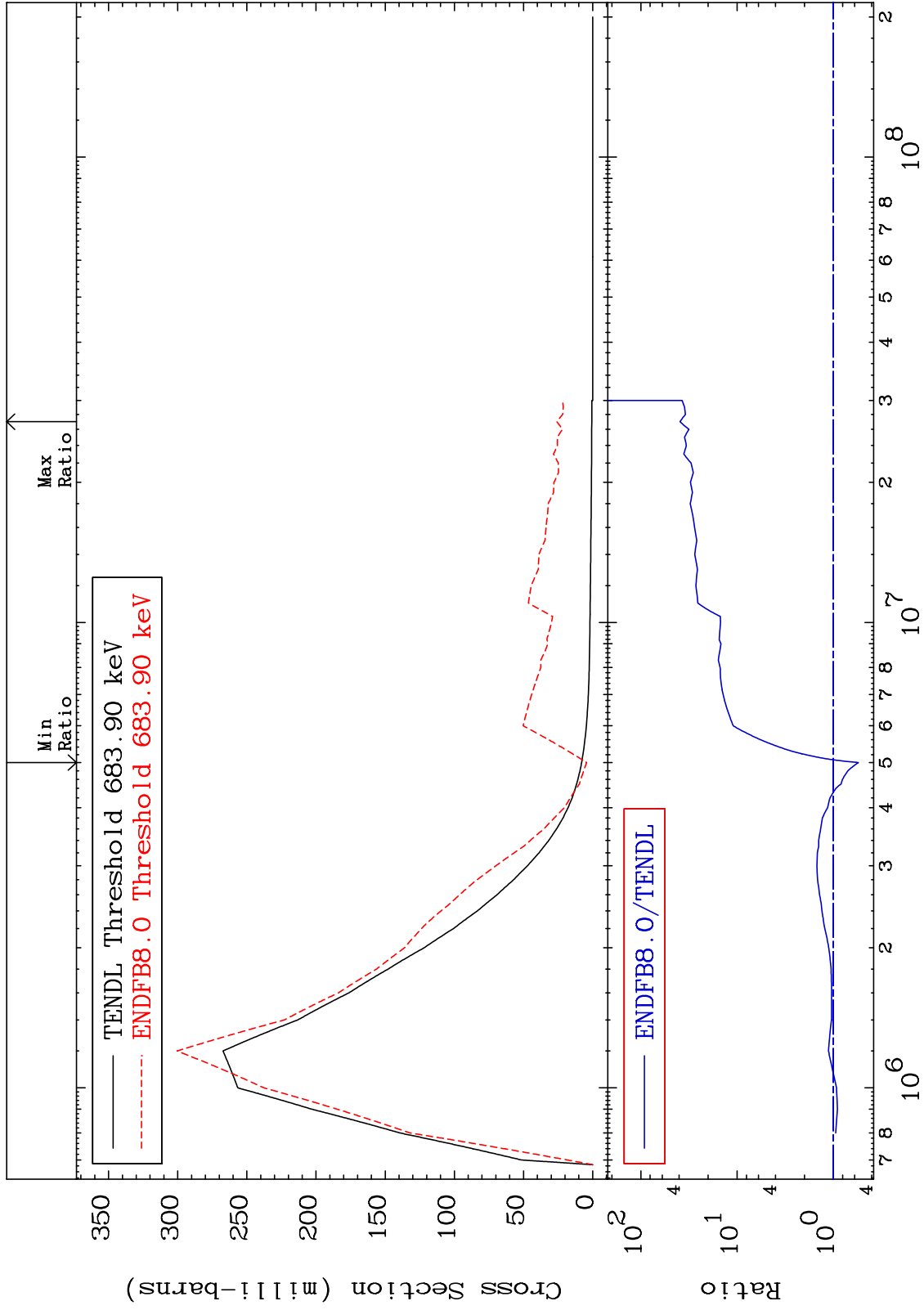
Incident Energy (eV)

81-Tl-203

MAT 8125

MT= 52 (n,n') Level
Cross Section

81-Tl-203
-45.05 To 3816. %



8

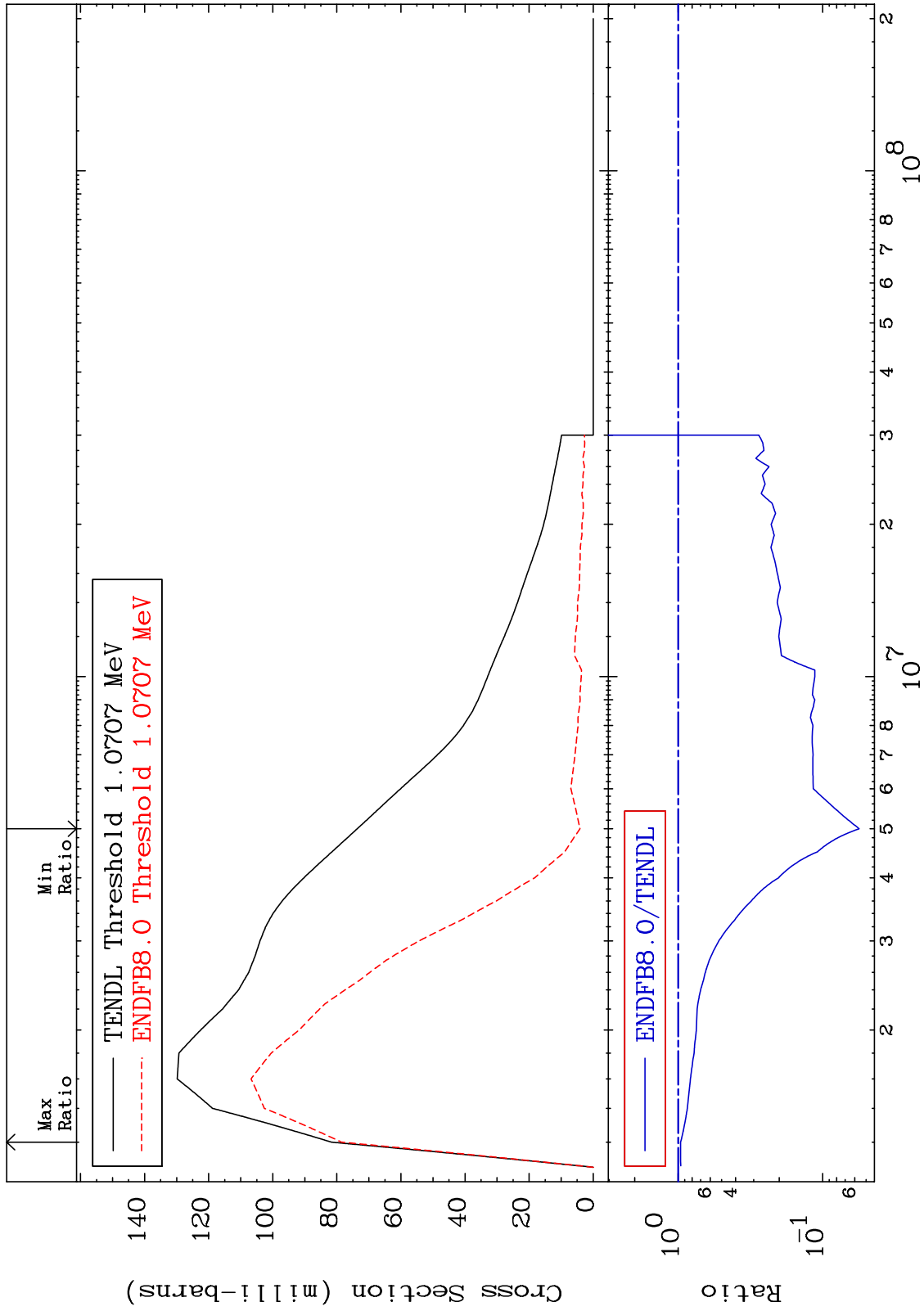
Incident Energy (eV)

81-Tl-203

MAT 8125

MT= 54 (n,n') Level
Cross Section

81-T1-203
-94.41 To -3.856%



10

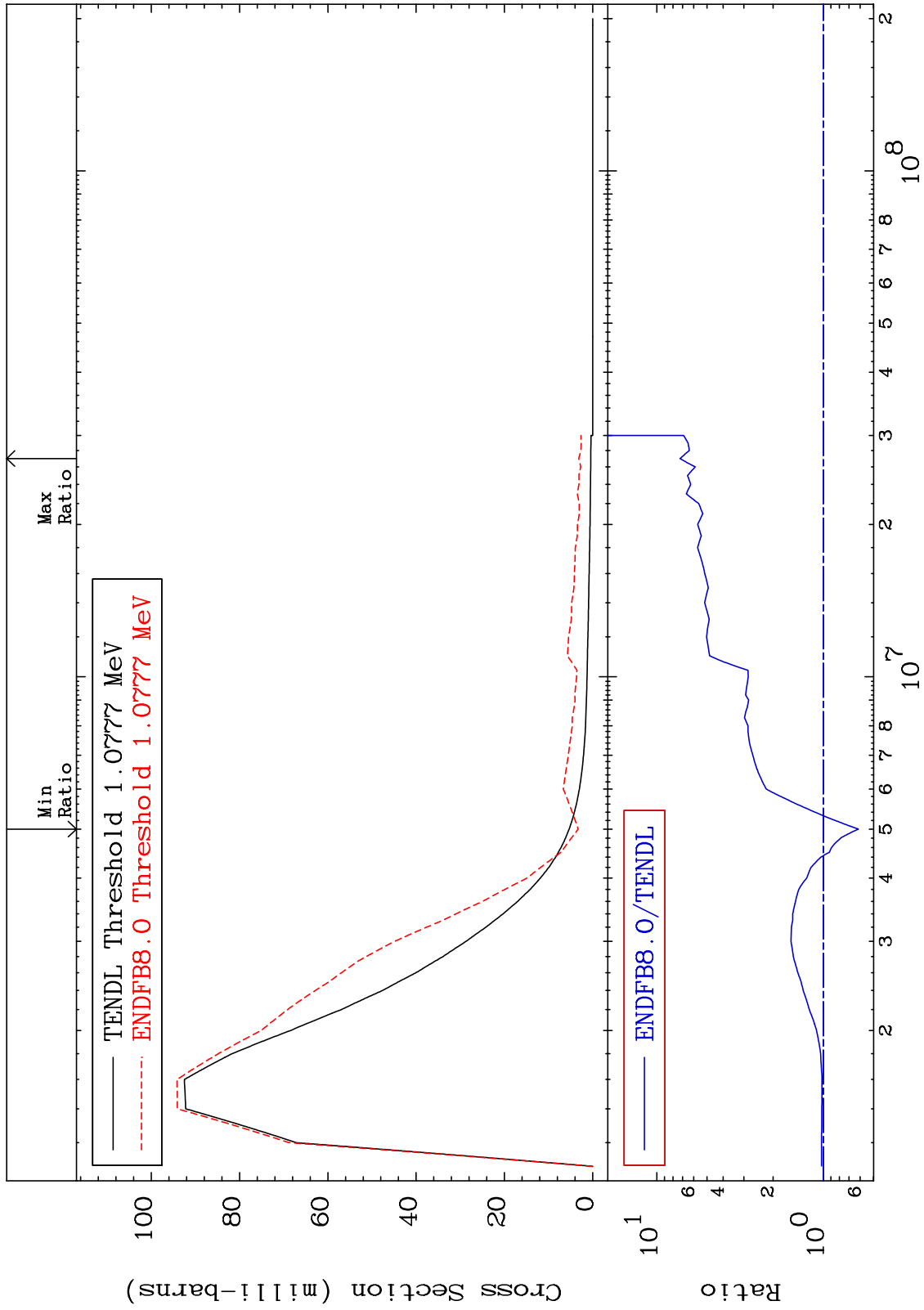
Incident Energy (eV)

81-T1-203

MAT 8125

MT= 55 (n,n') Level
Cross Section

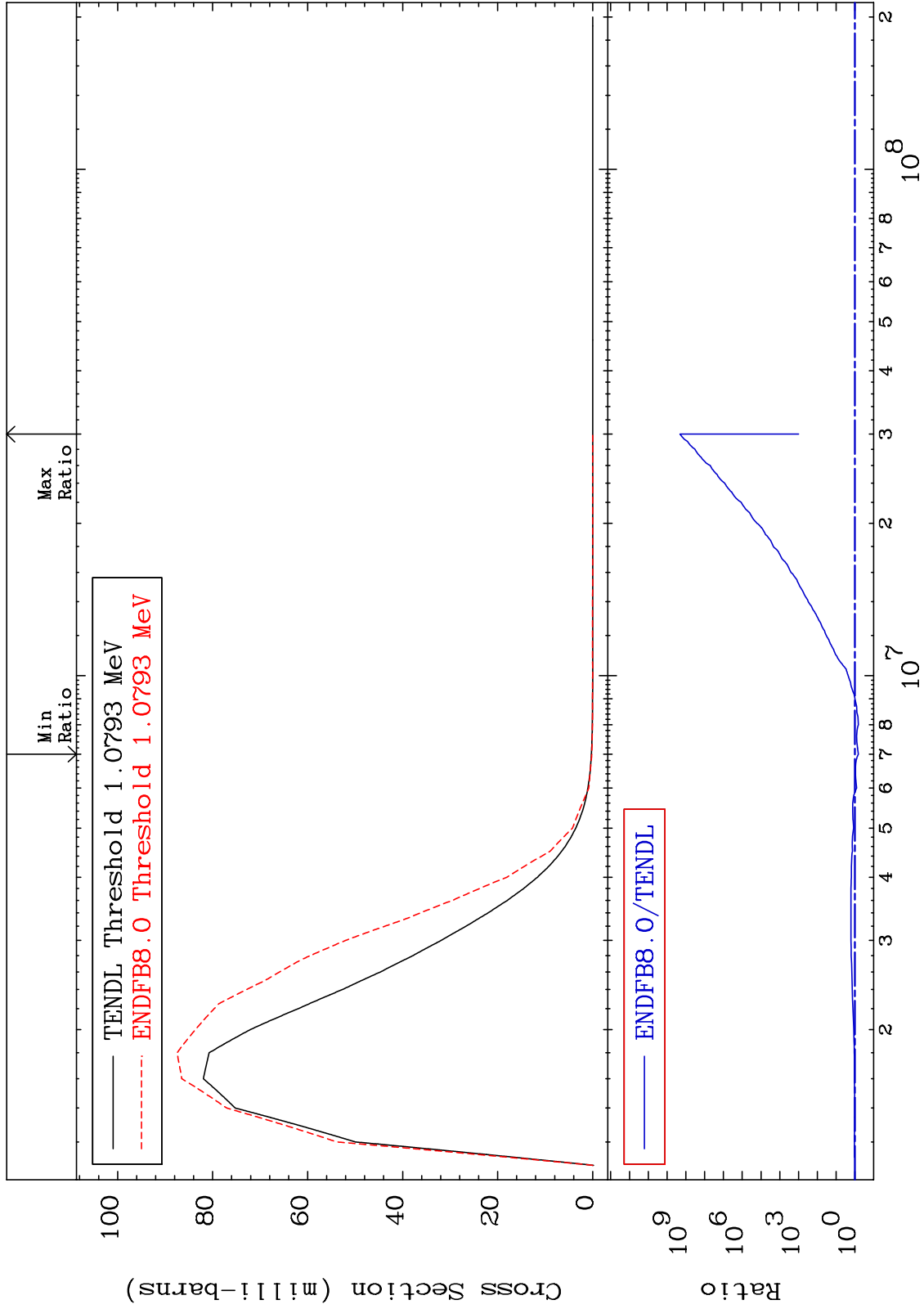
81-Tl-203
-38.48 To 625.5 %



MAT 8125

MT= 56 (n,n') Level
Cross Section

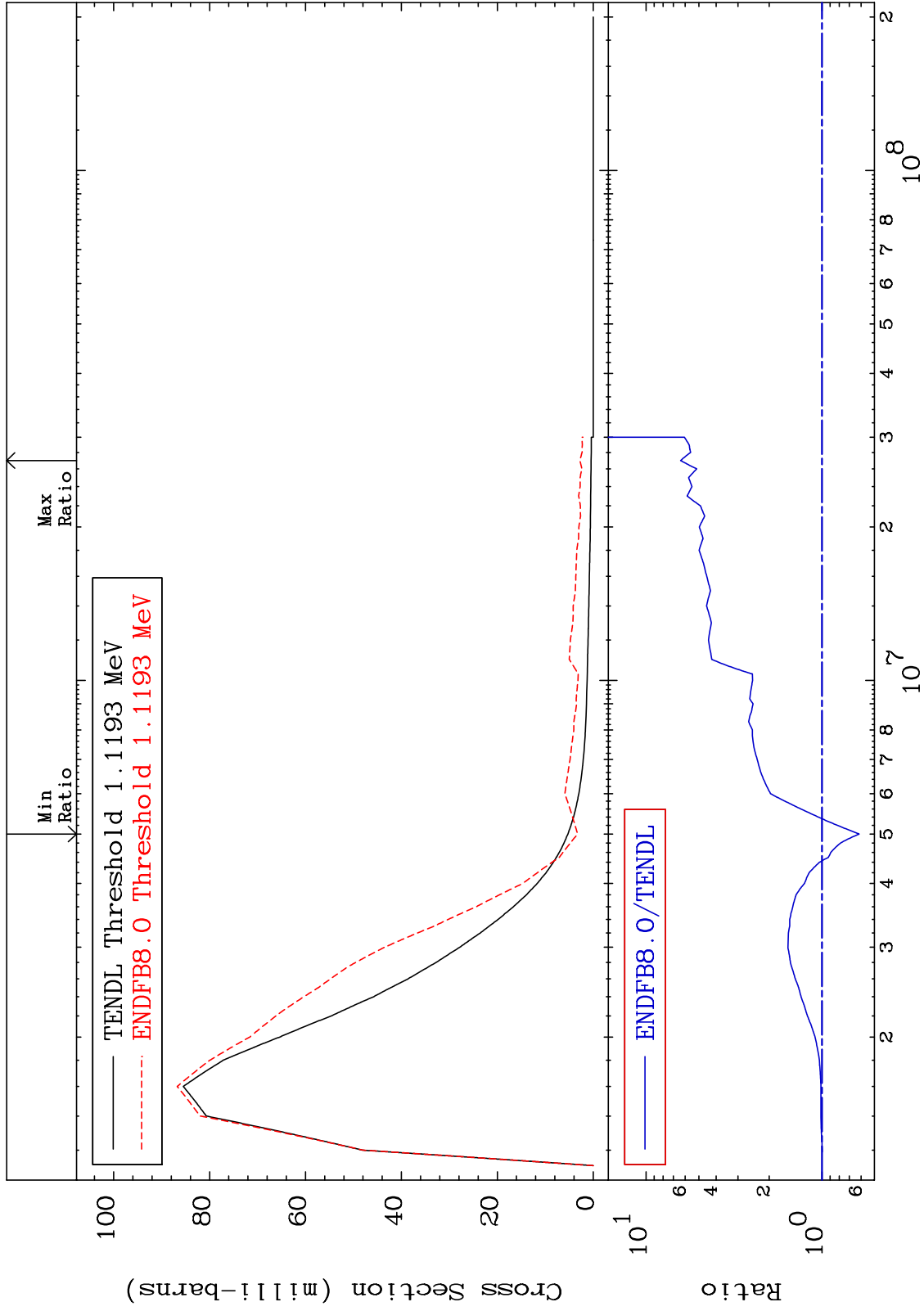
81-Tl-203
-34.51 To 9999. %



MAT 8125

MT= 57 (n,n') Level
Cross Section

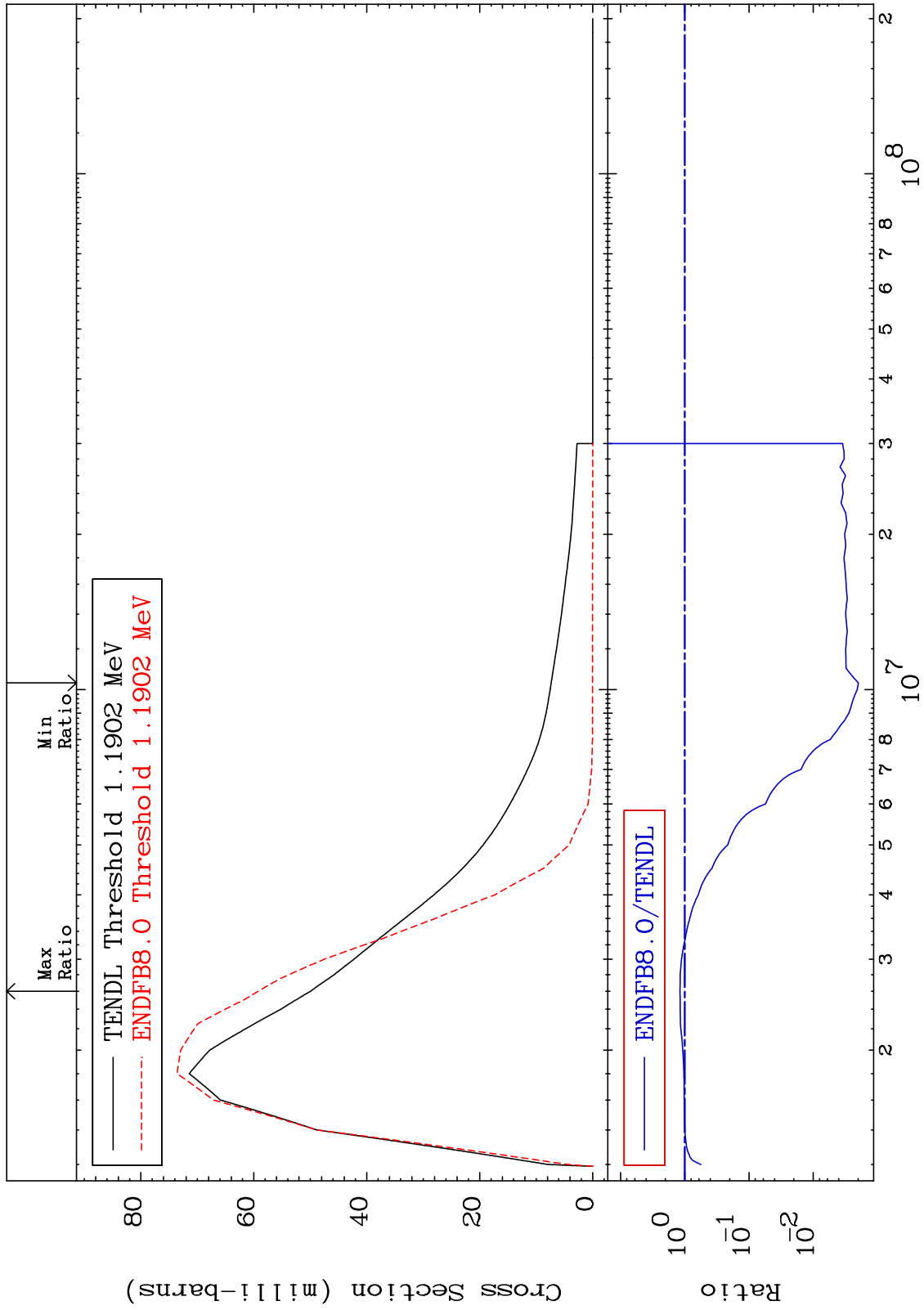
81-Tl-203
-38.41 To 535.8 %



MAT 8125

MT= 58 (n,n') Level
Cross Section

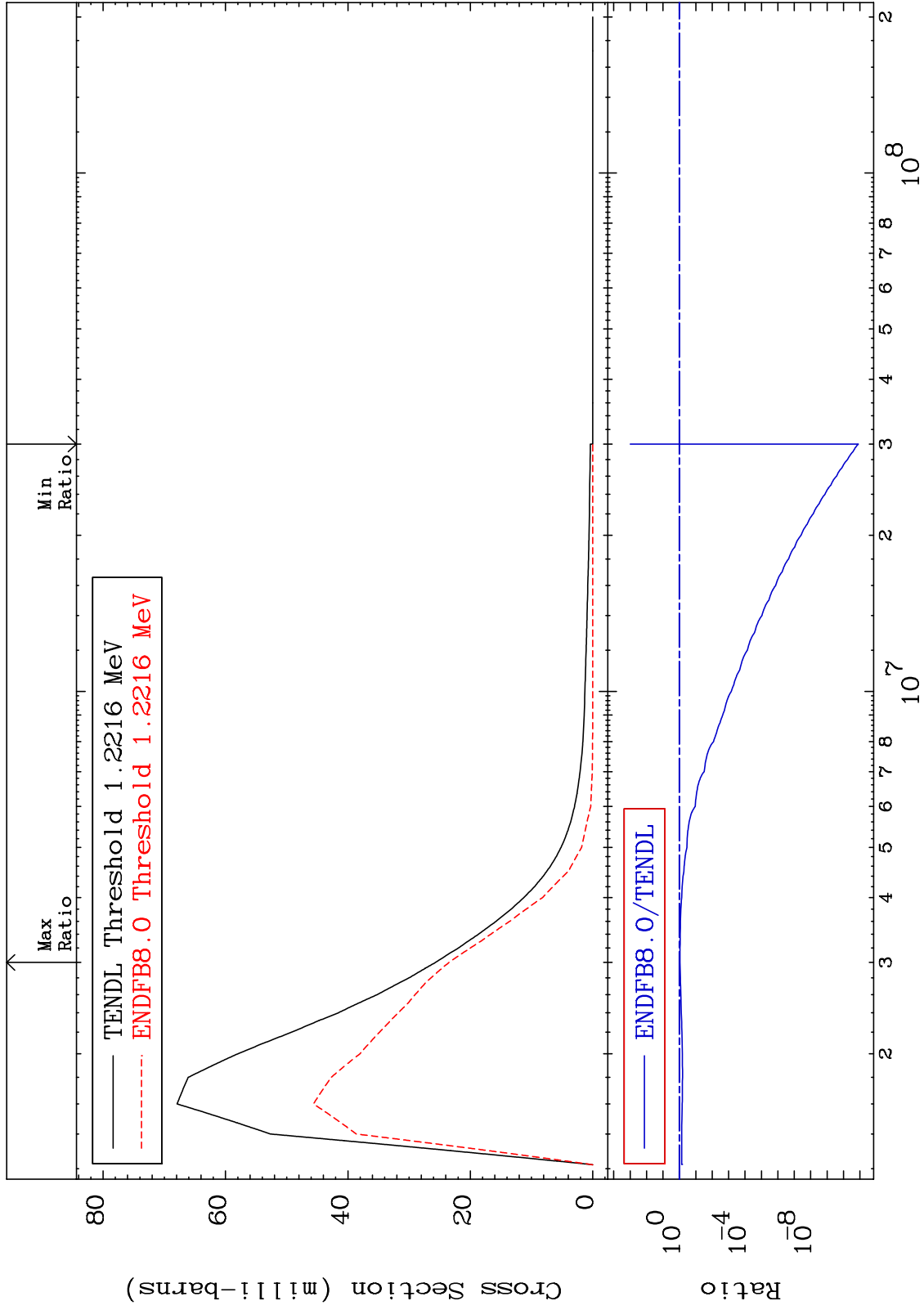
81-Tl-203
-99.80 To 18.54 %



MAT 8125

MT= 59 (n,n') Level
Cross Section

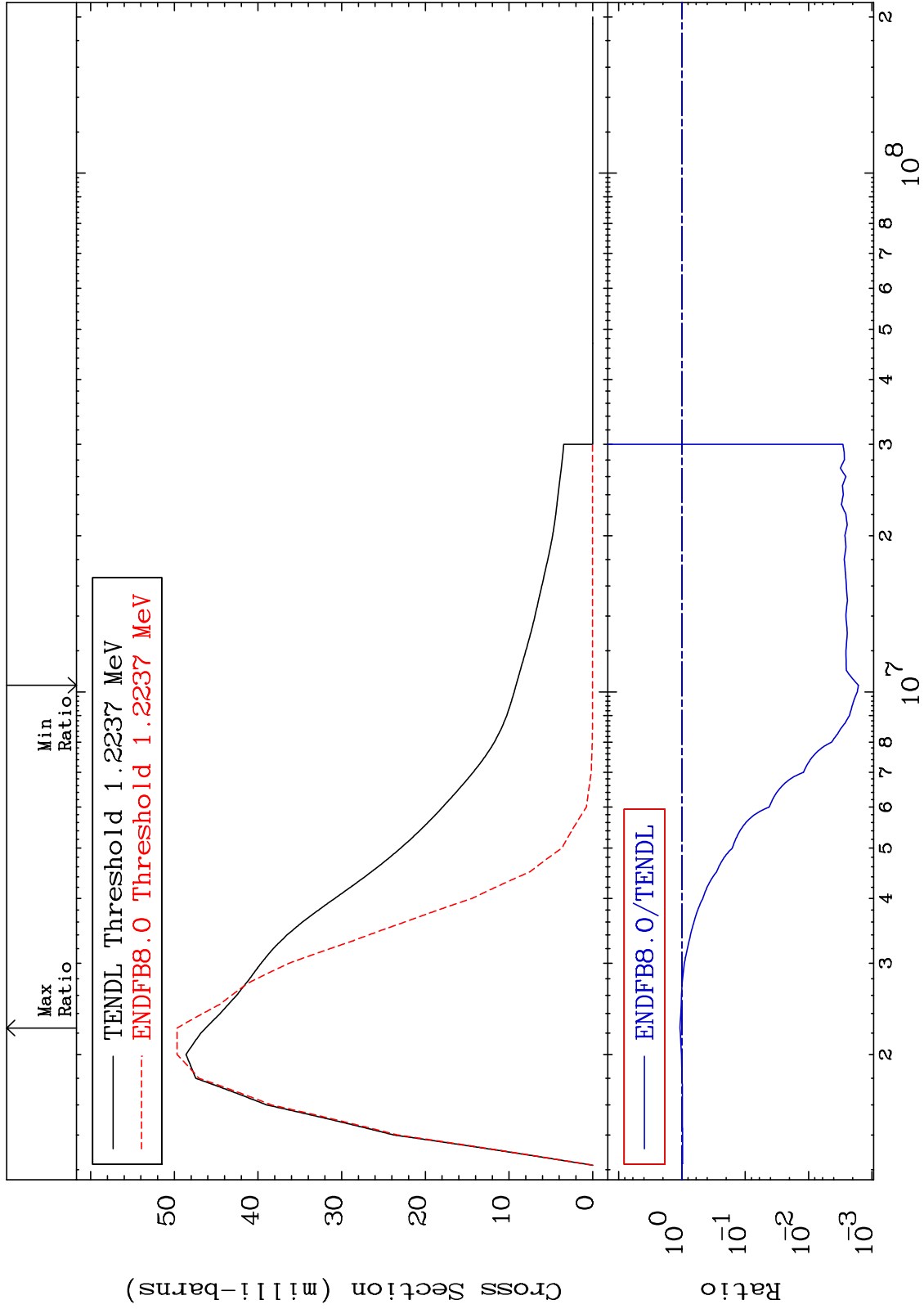
81-T1-203
-100.0 To -8.530%



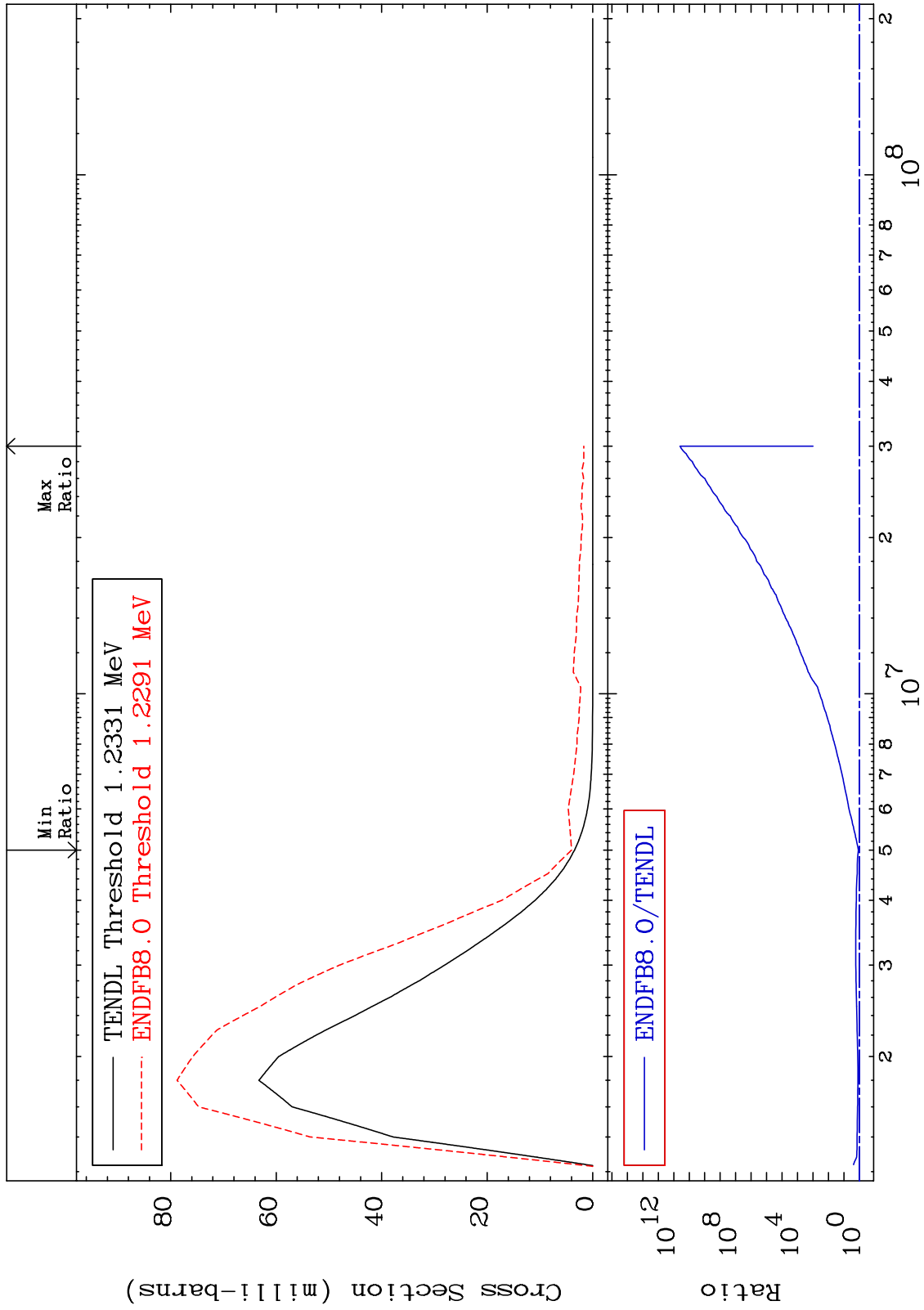
MAT 8125

MT= 60 (n,n') Level
Cross Section

81-Tl-203
-99.84 To 7.401 %



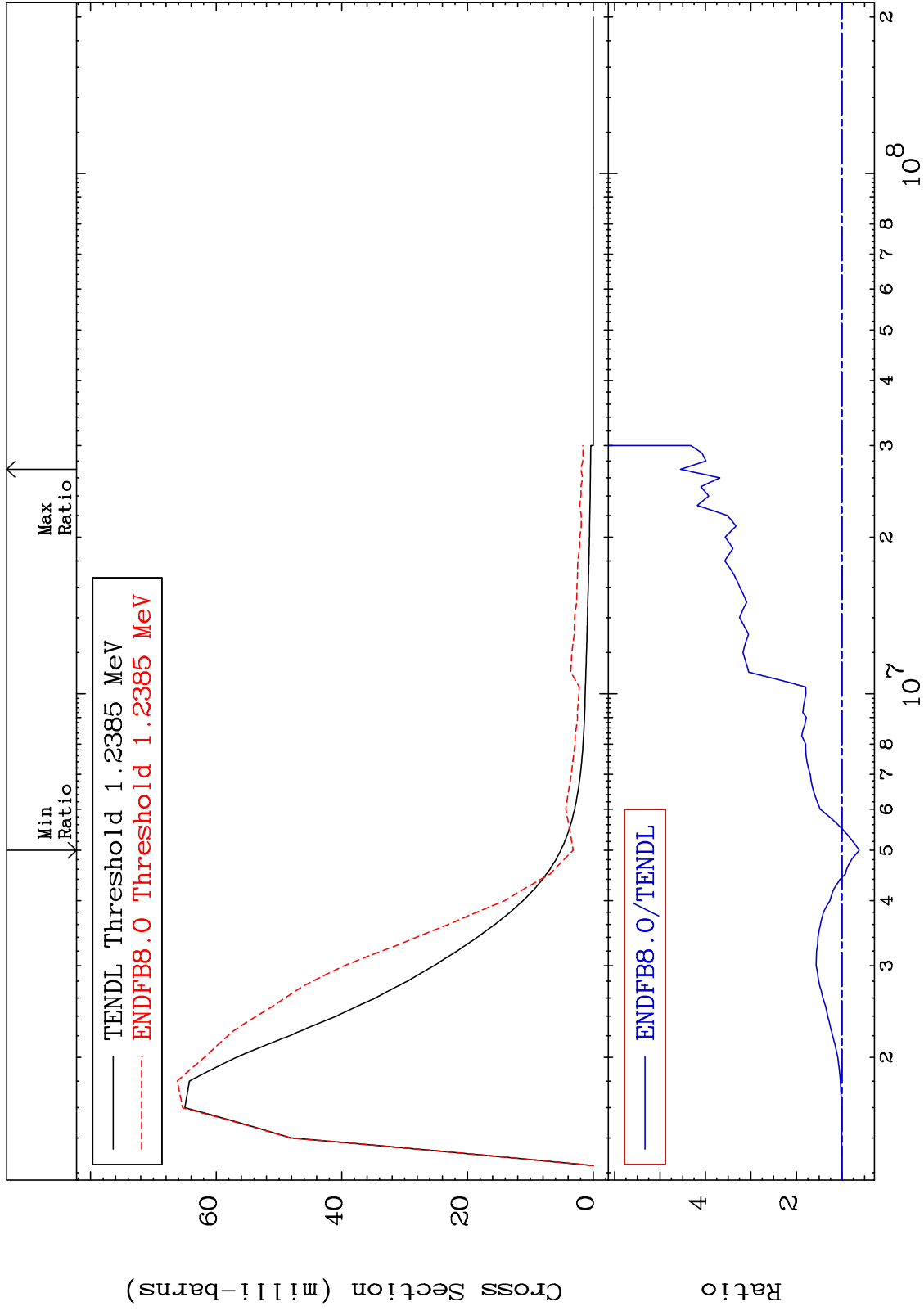
MAT 8125 MT= 61 (n,n') Level Cross Section 81-Tl-203 16.04 To 9999. %



MAT 8125

MT= 62 (n,n') Level
Cross Section

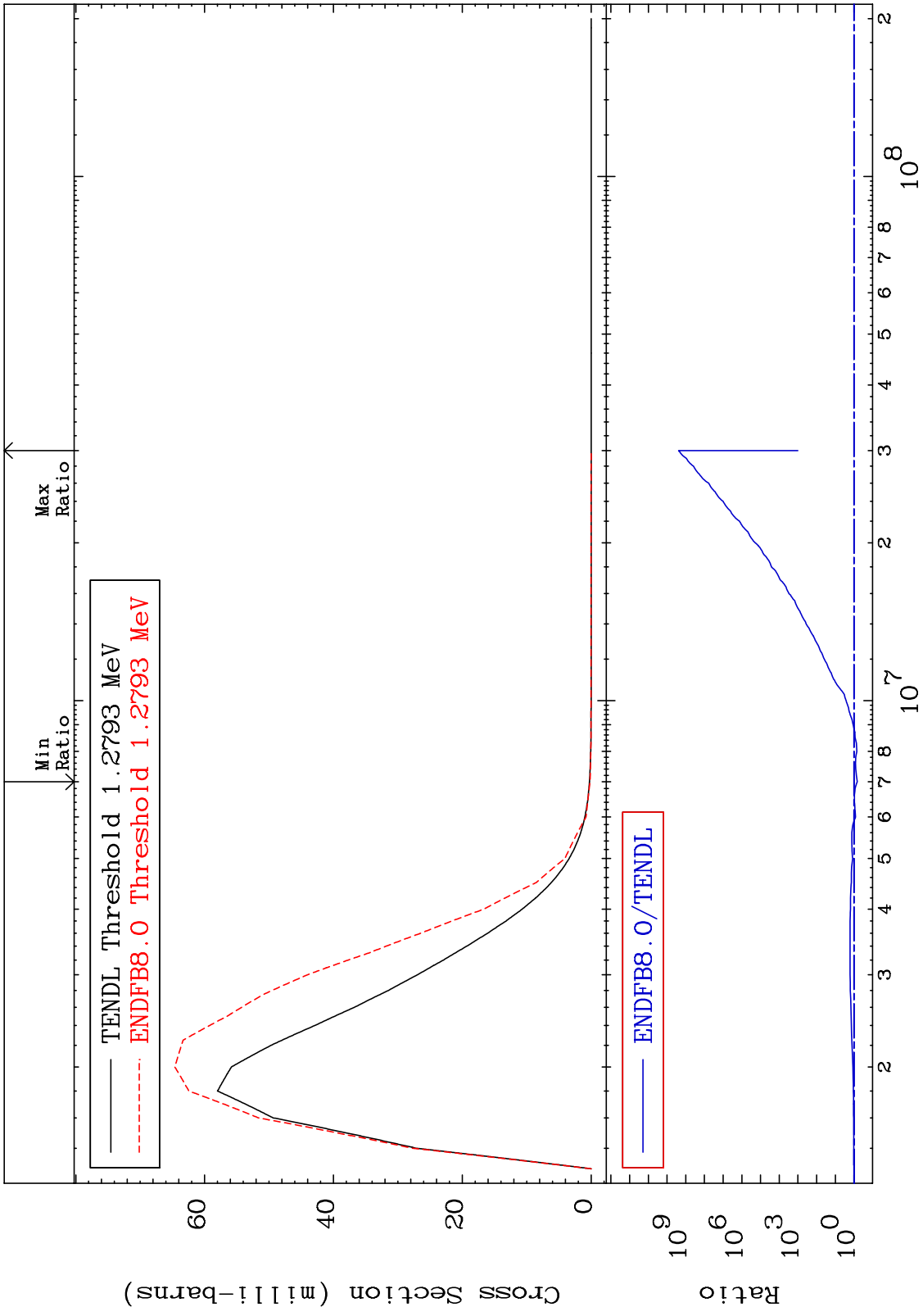
81-Tl-203
-38.19 To 354.7 %



MAT 8125

MT= 63 (n,n') Level
Cross Section

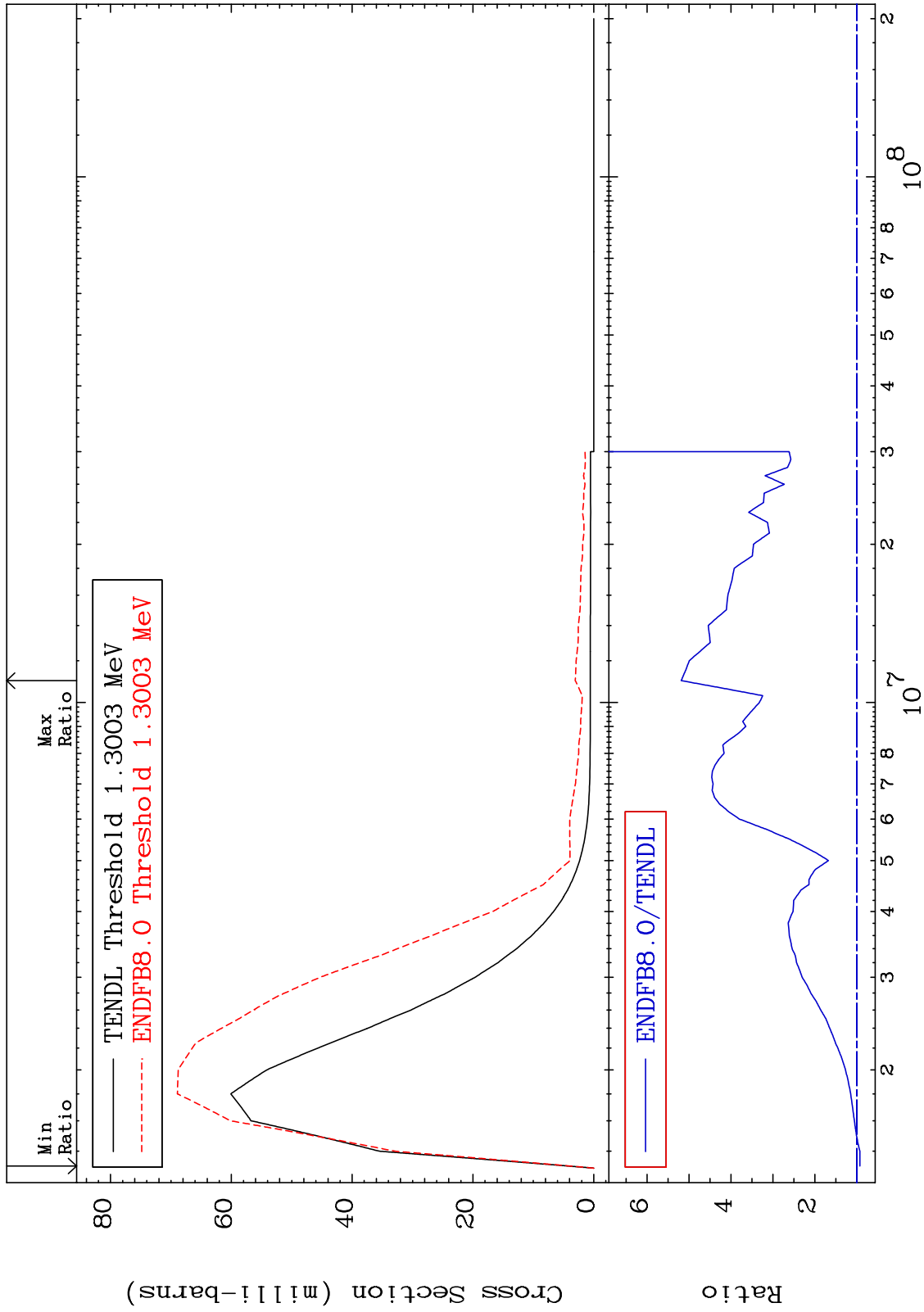
81-Tl-203
-33.21 To 9999. %



MAT 8125

MT= 64 (n,n') Level
Cross Section

81-Tl-203
-7.251 To 418.7 %



20

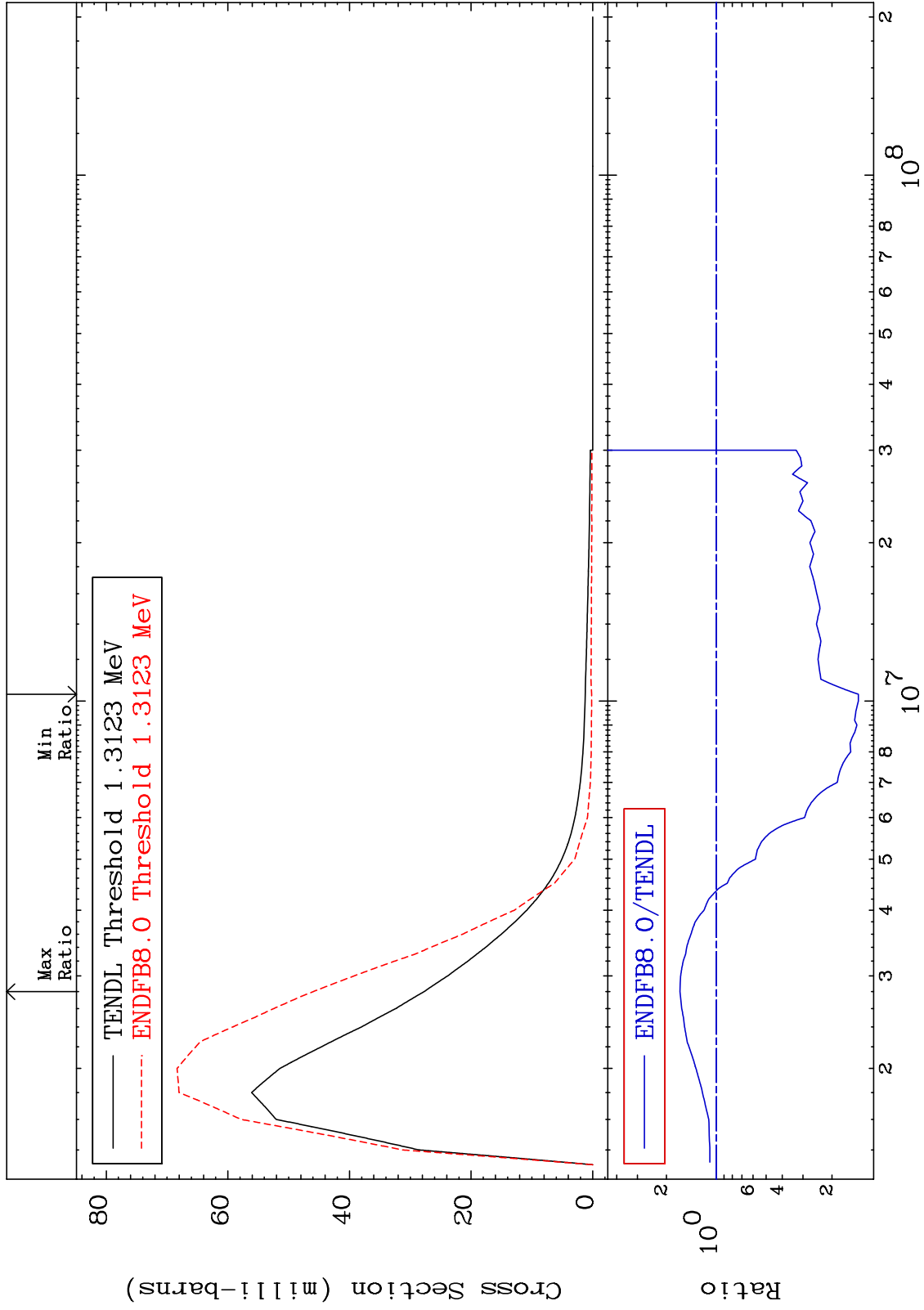
81-Tl-203

81-Tl-203

MAT 8125

MT= 65 (n,n') Level
Cross Section

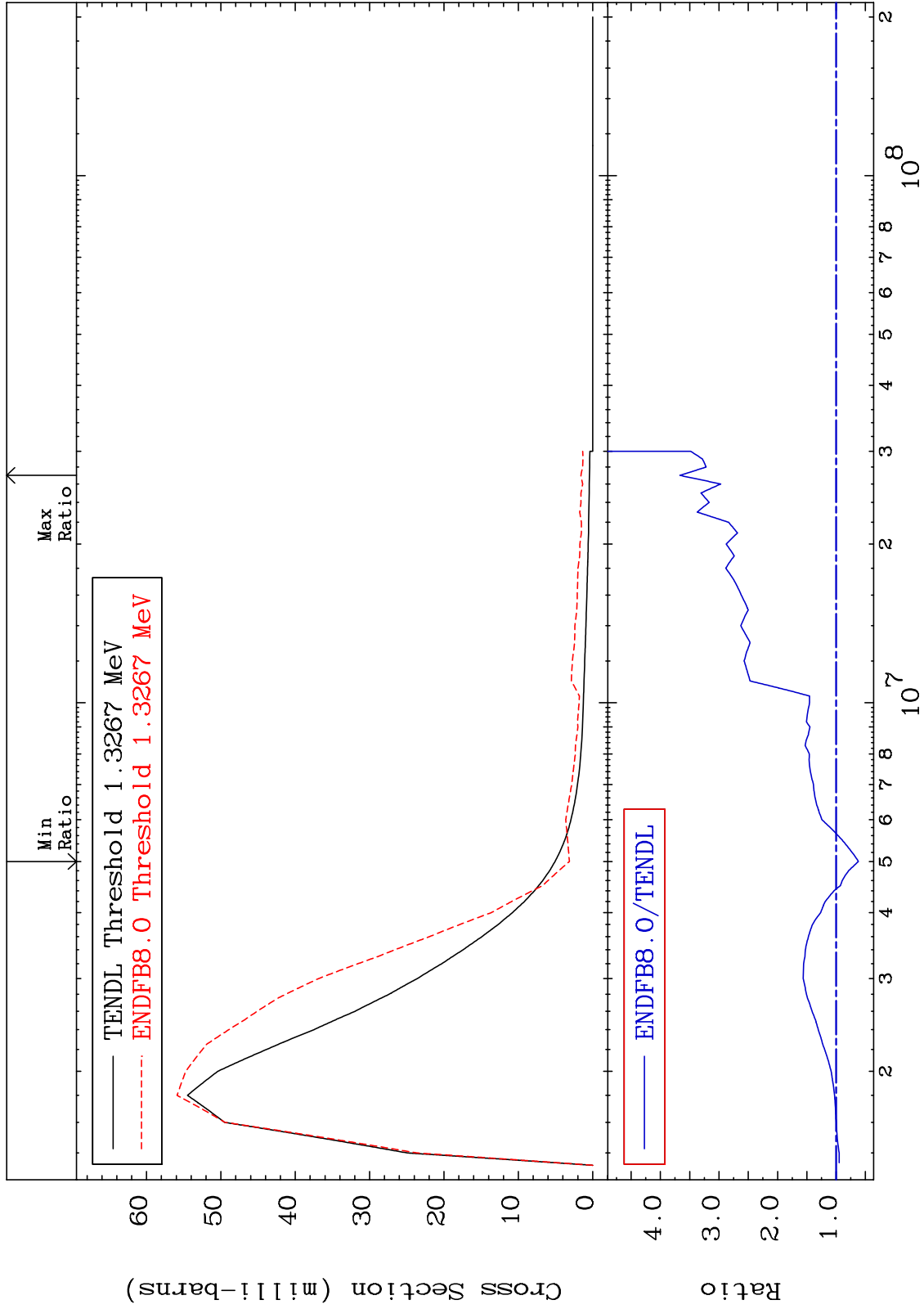
81-Tl-203
-86.14 To 65.77 %



MAT 8125

MT= 66 (n,n') Level
Cross Section

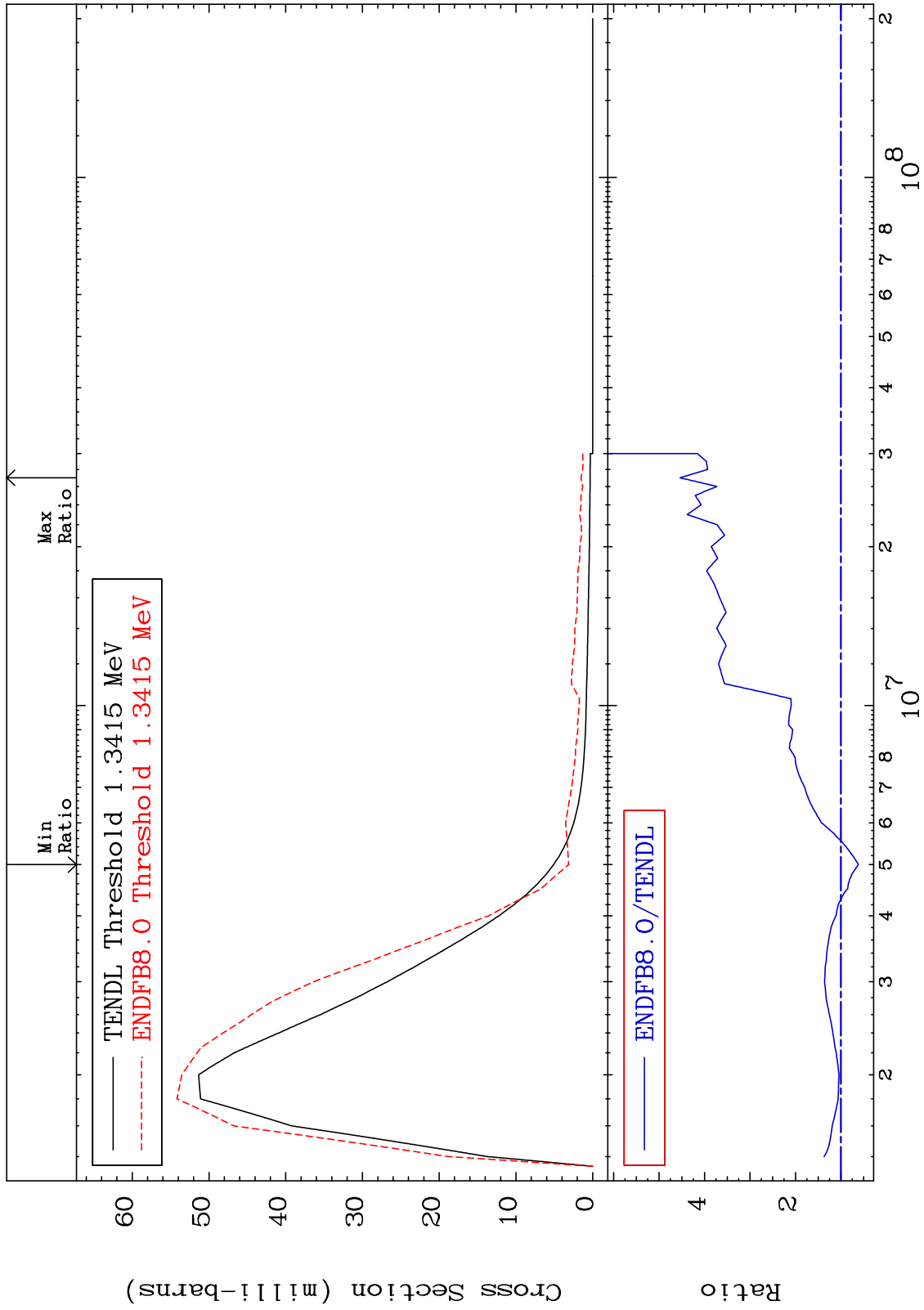
81-Tl-203
-38.01 To 266.5 %



MAT 8125

MT= 67 (n,n') Level
Cross Section

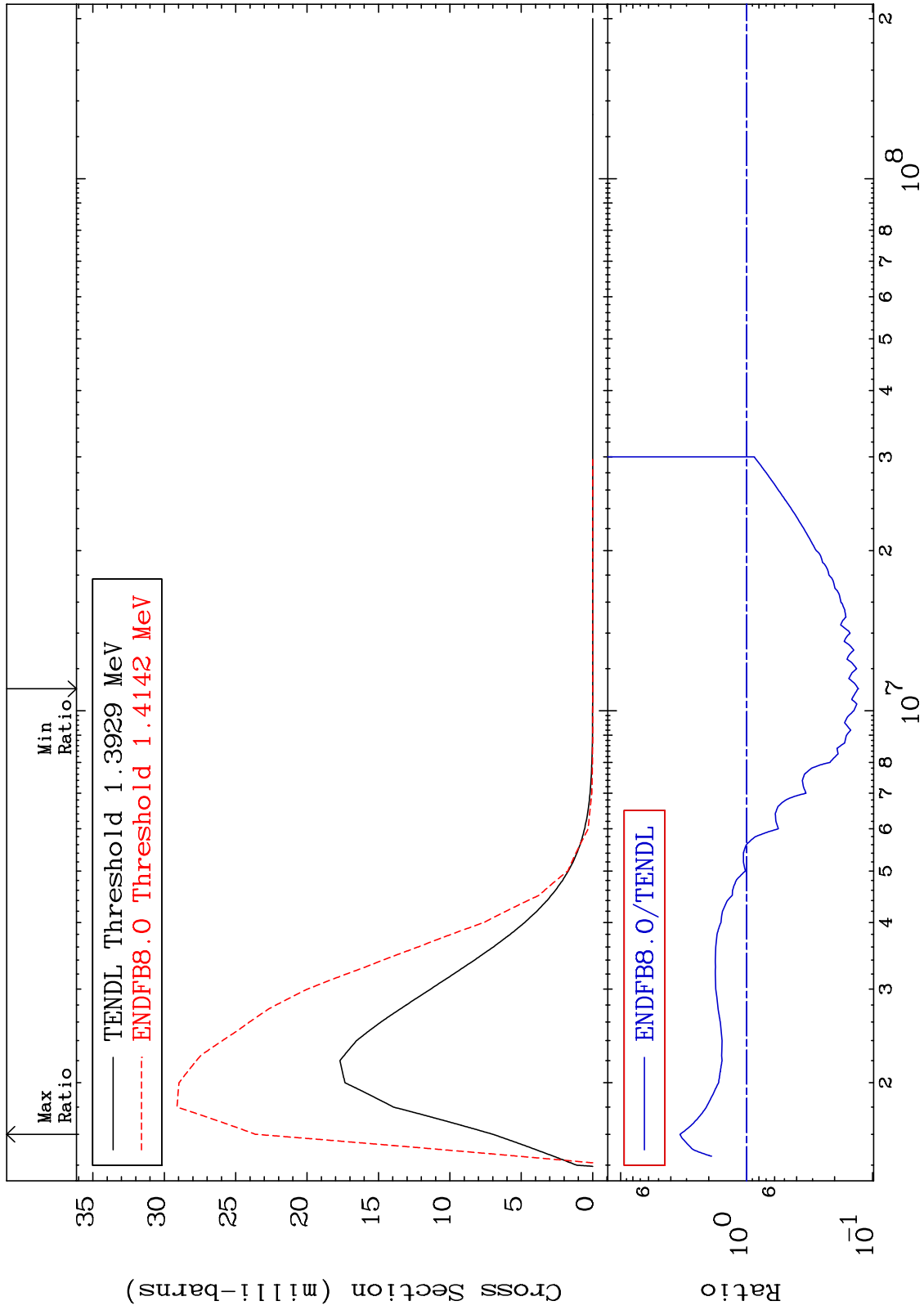
81-Tl-203
-38.54 To 354.0 %



MAT 8125

MT= 68 (n,n') Level
Cross Section

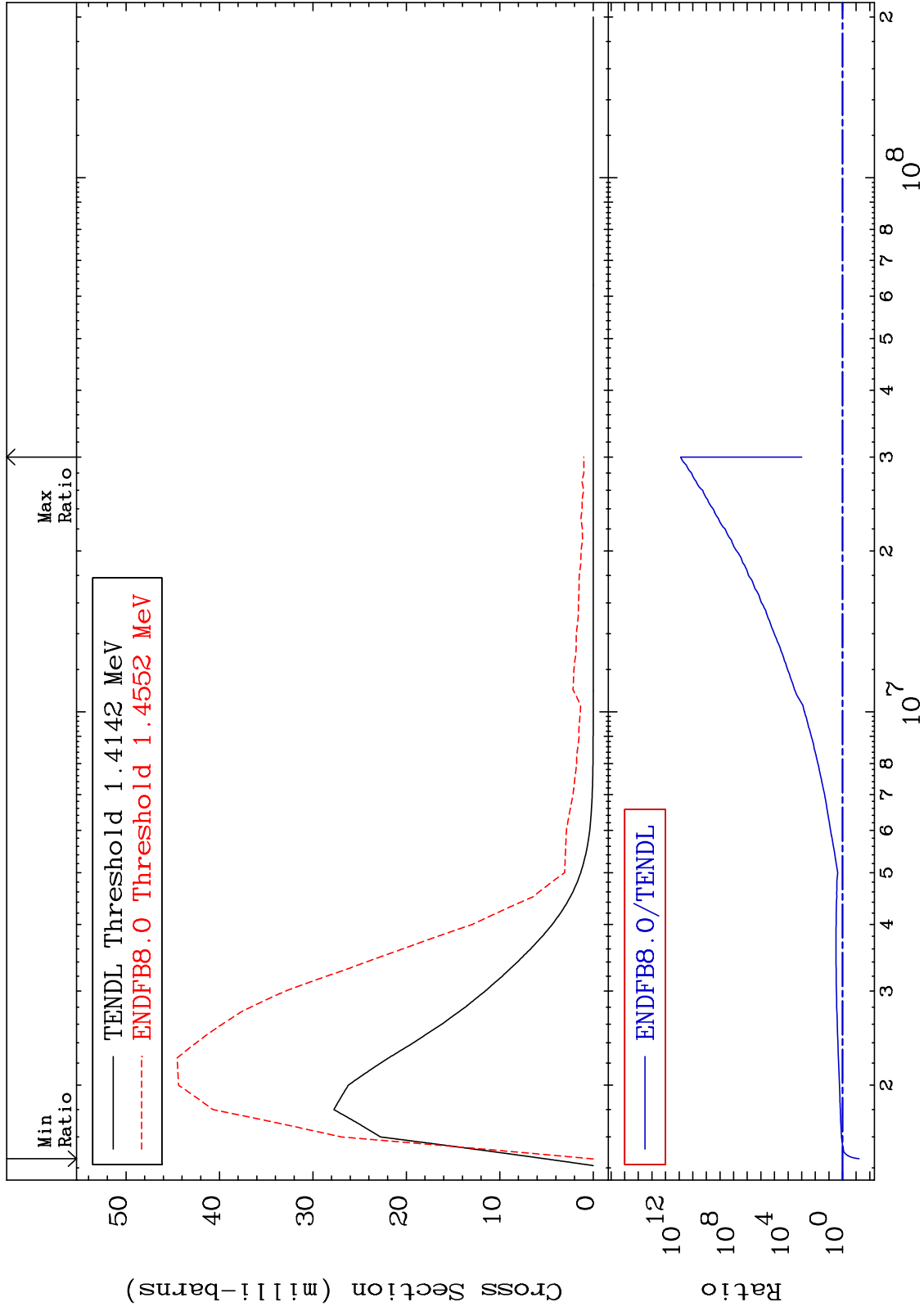
81-Tl-203
-87.05 To 237.8 %



MAT 8125

MT= 69 (n,n') Level
Cross Section

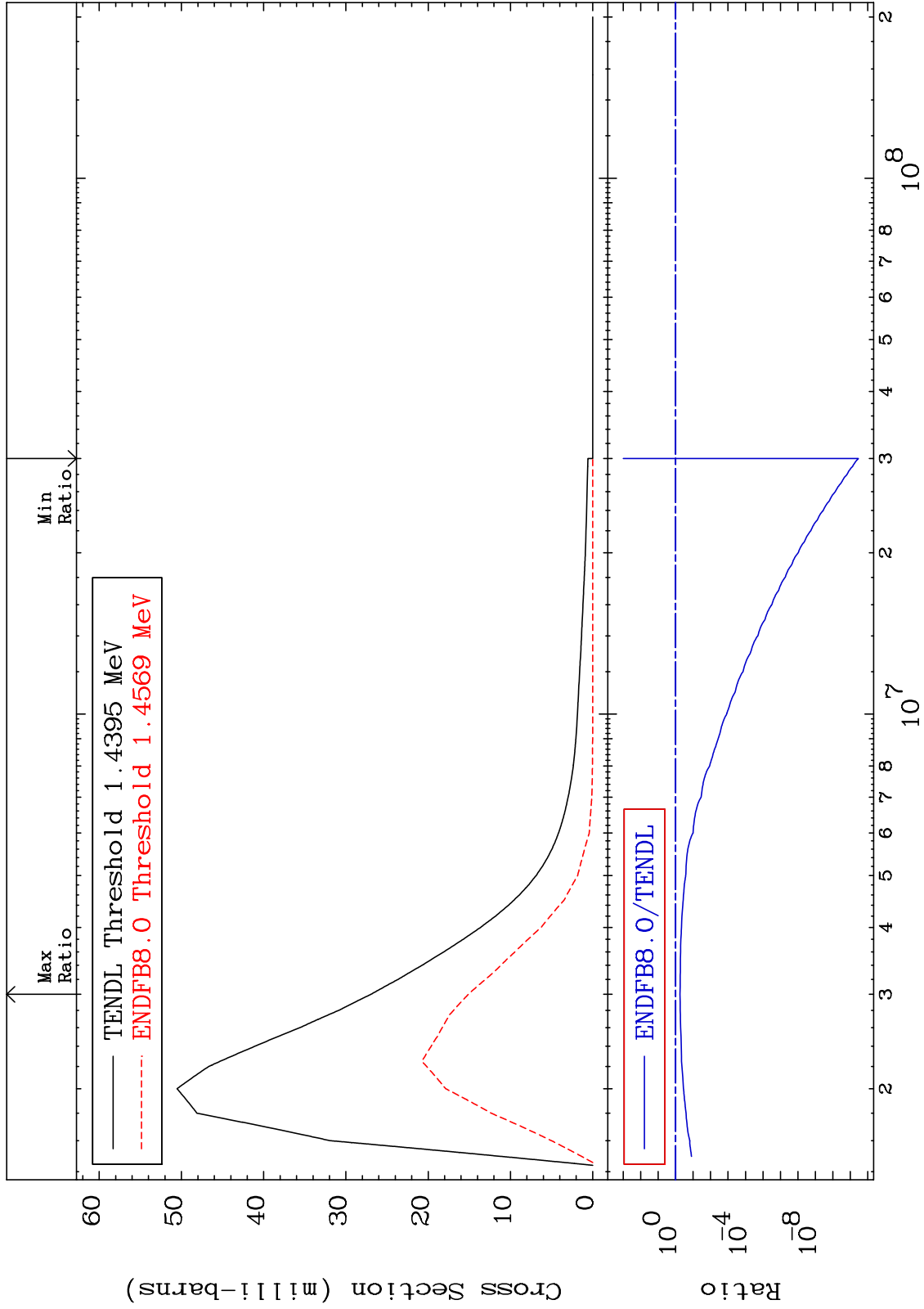
81-Tl-203
-94.00 To 9999. %



MAT 8125

MT= 70 (n,n') Level
Cross Section

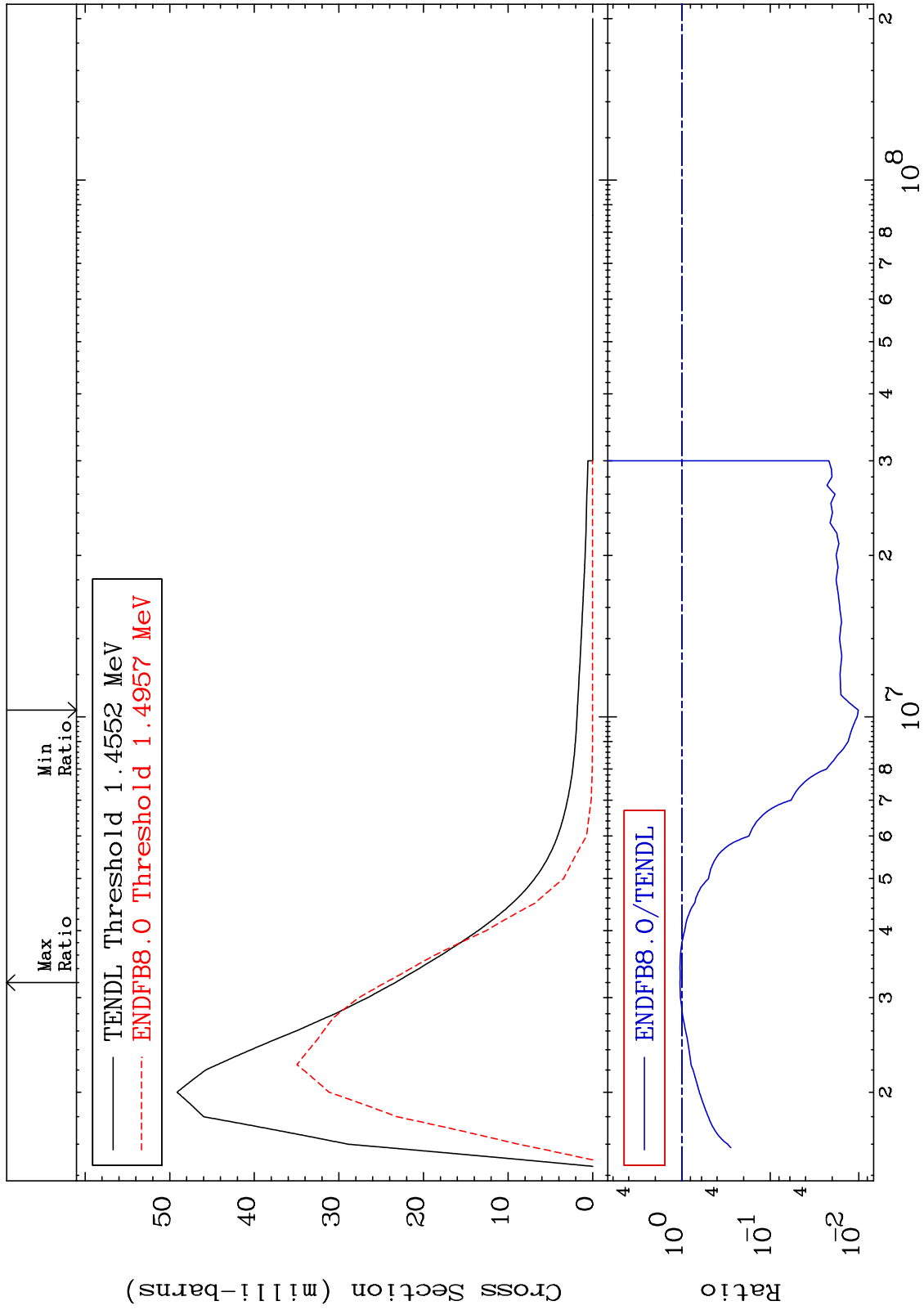
81-T1-203
-100.0 To -43.91%



MAT 8125

MT= 71 (n,n') Level
Cross Section

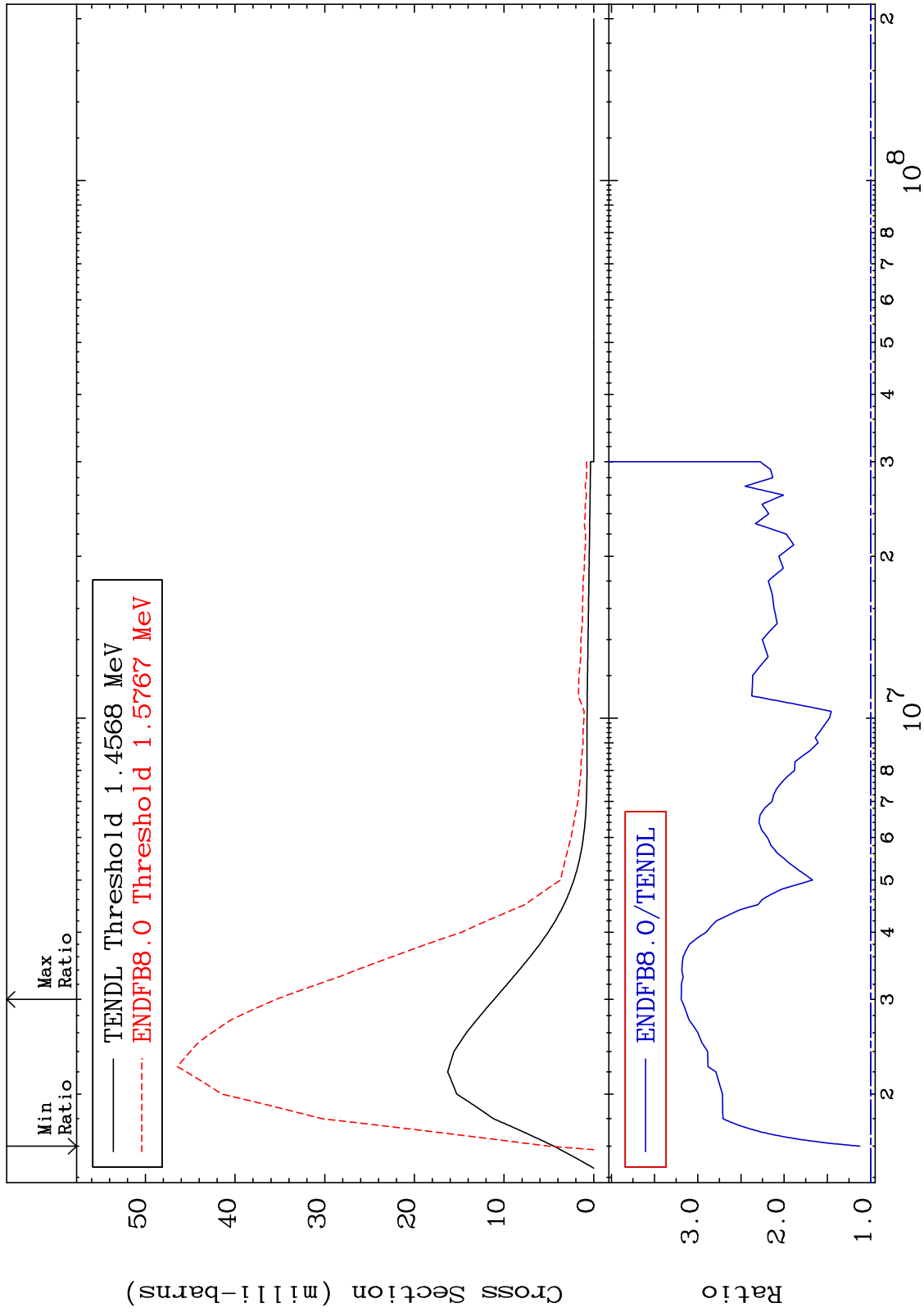
81-Tl-203
-98.99 To 4.973 %



MAT 8125

MT= 72 (n,n') Level
Cross Section

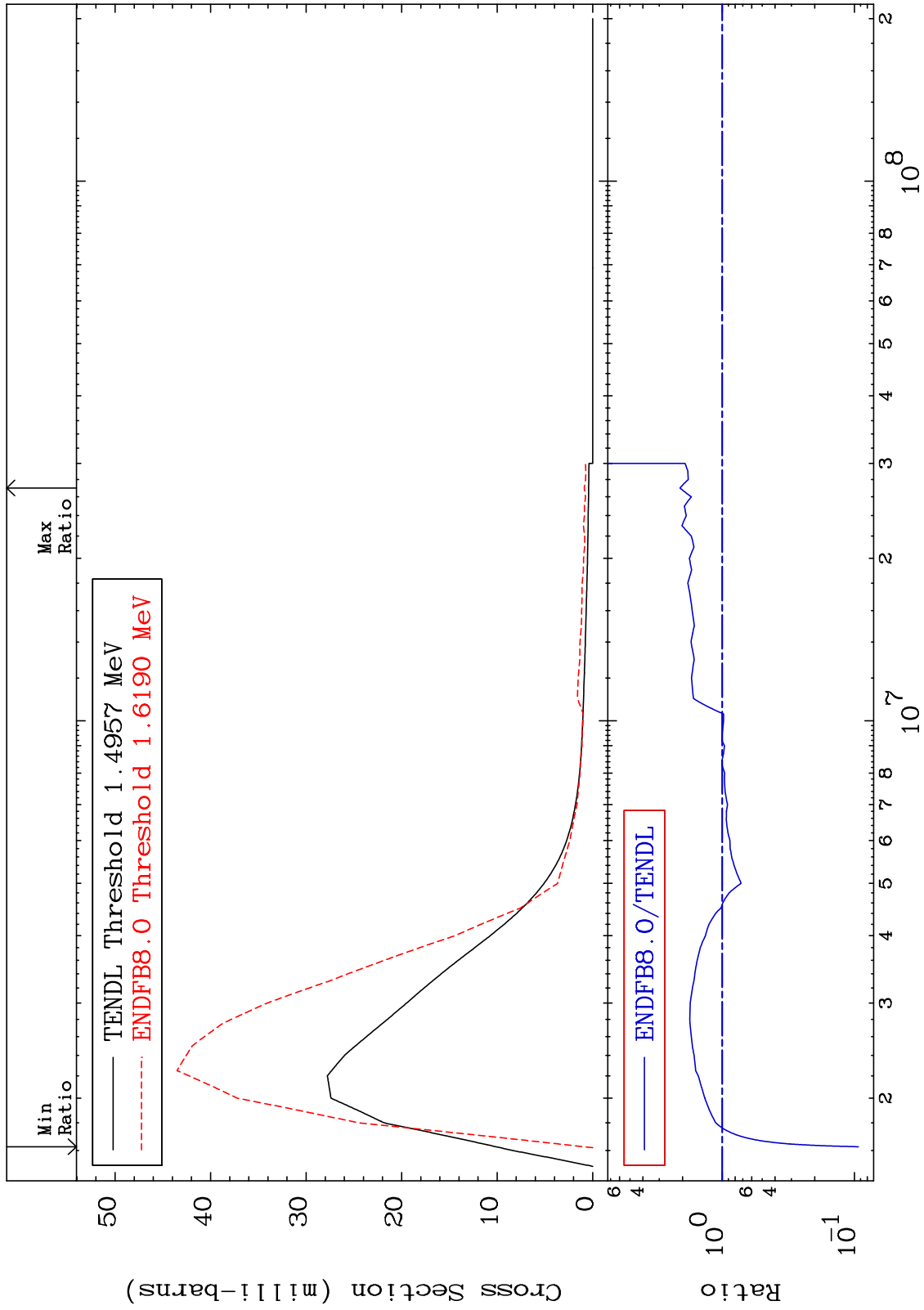
81-Tl-203
12.24 To 219.1 %



MAT 8125

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

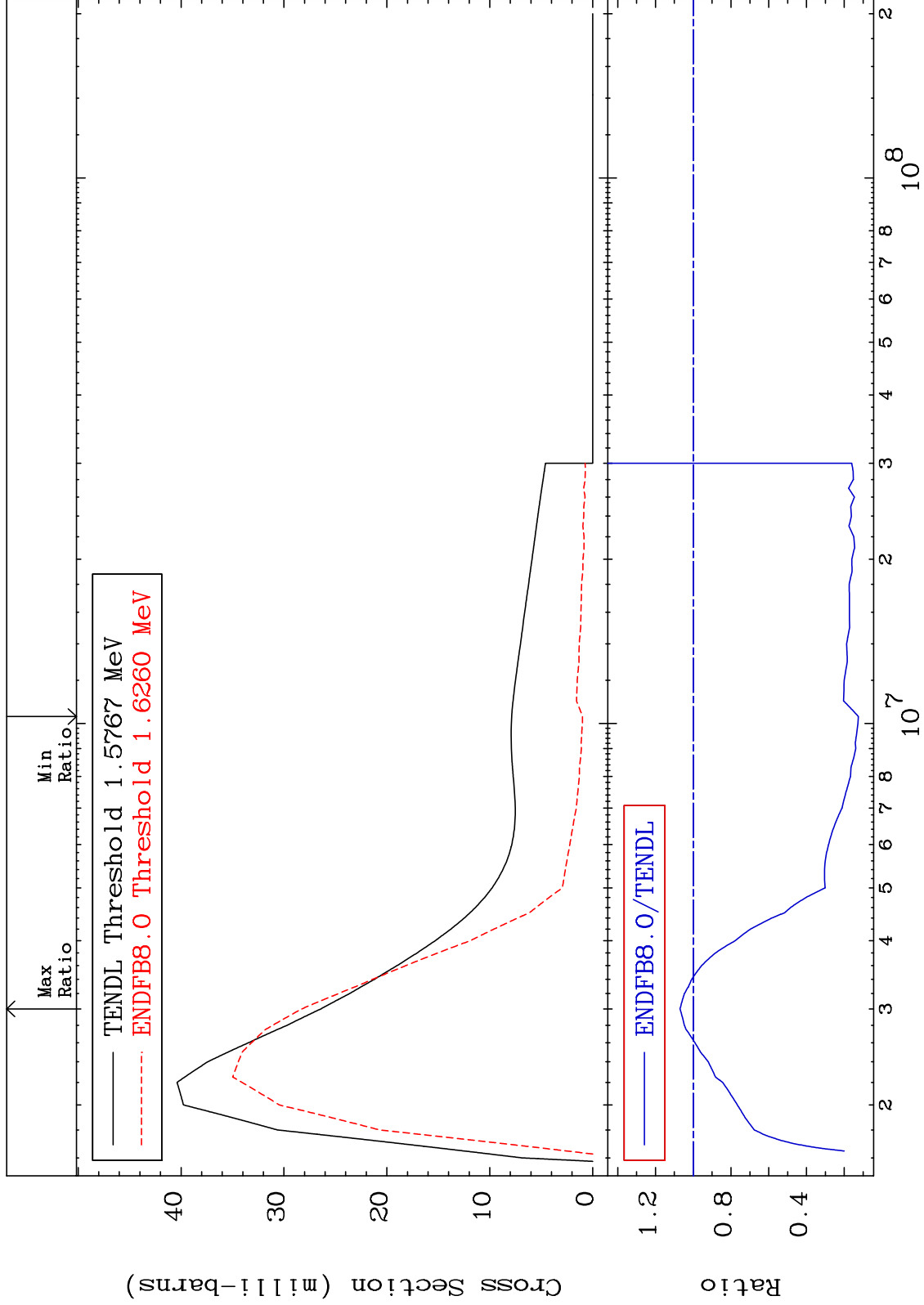
81-T1-203
-90.65 To 109.1 %



MAT 8125

MT= 74 (n,n') Level
Cross Section

81-T1-203
-87.51 To 6.999 %



30

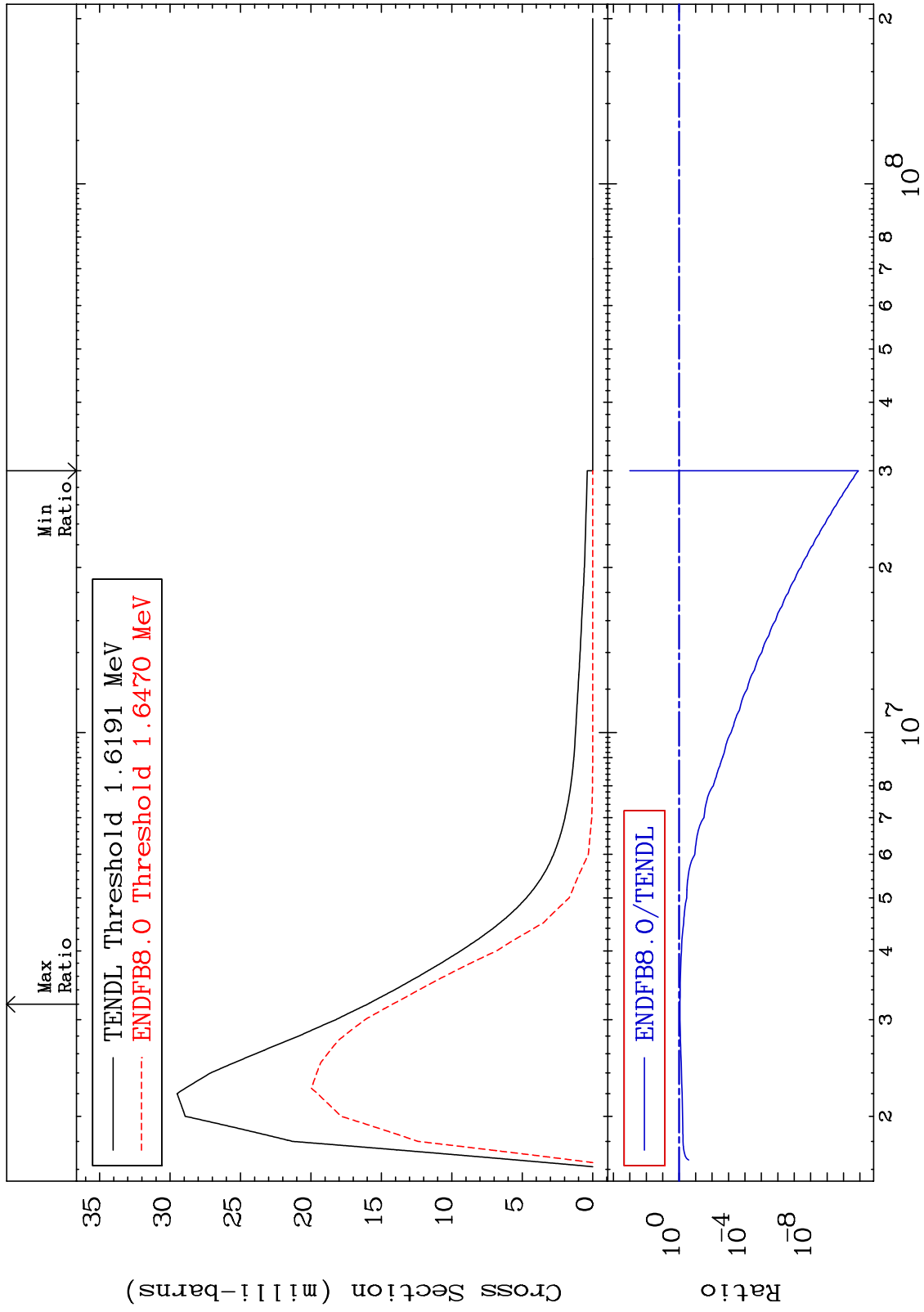
Incident Energy (eV)

81-T1-203

MAT 8125

MT= 75 (n,n') Level
Cross Section

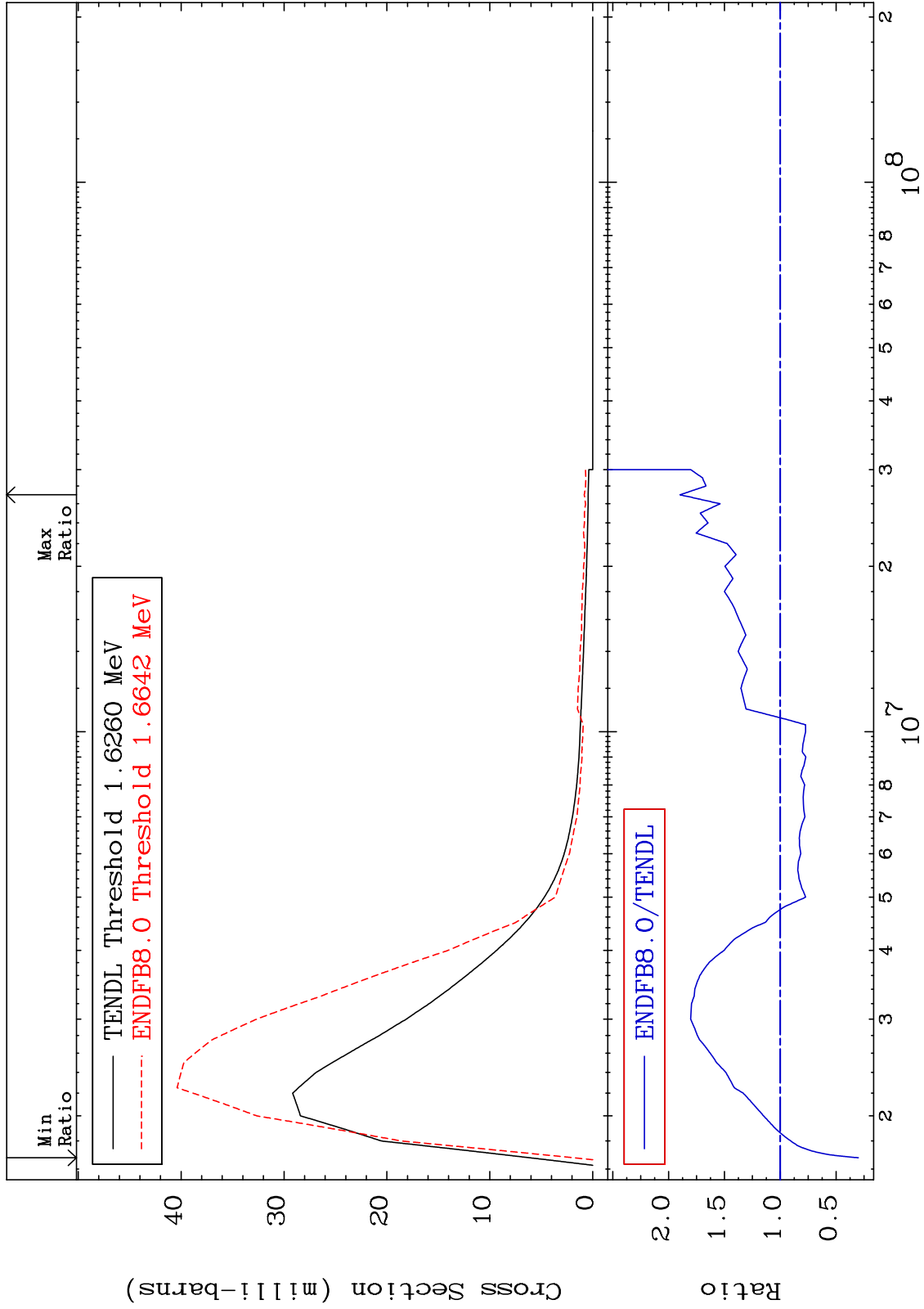
81-Tl-203
-100.0 To -11.10%



MAT 8125

MT= 76 (n,n') Level
Cross Section

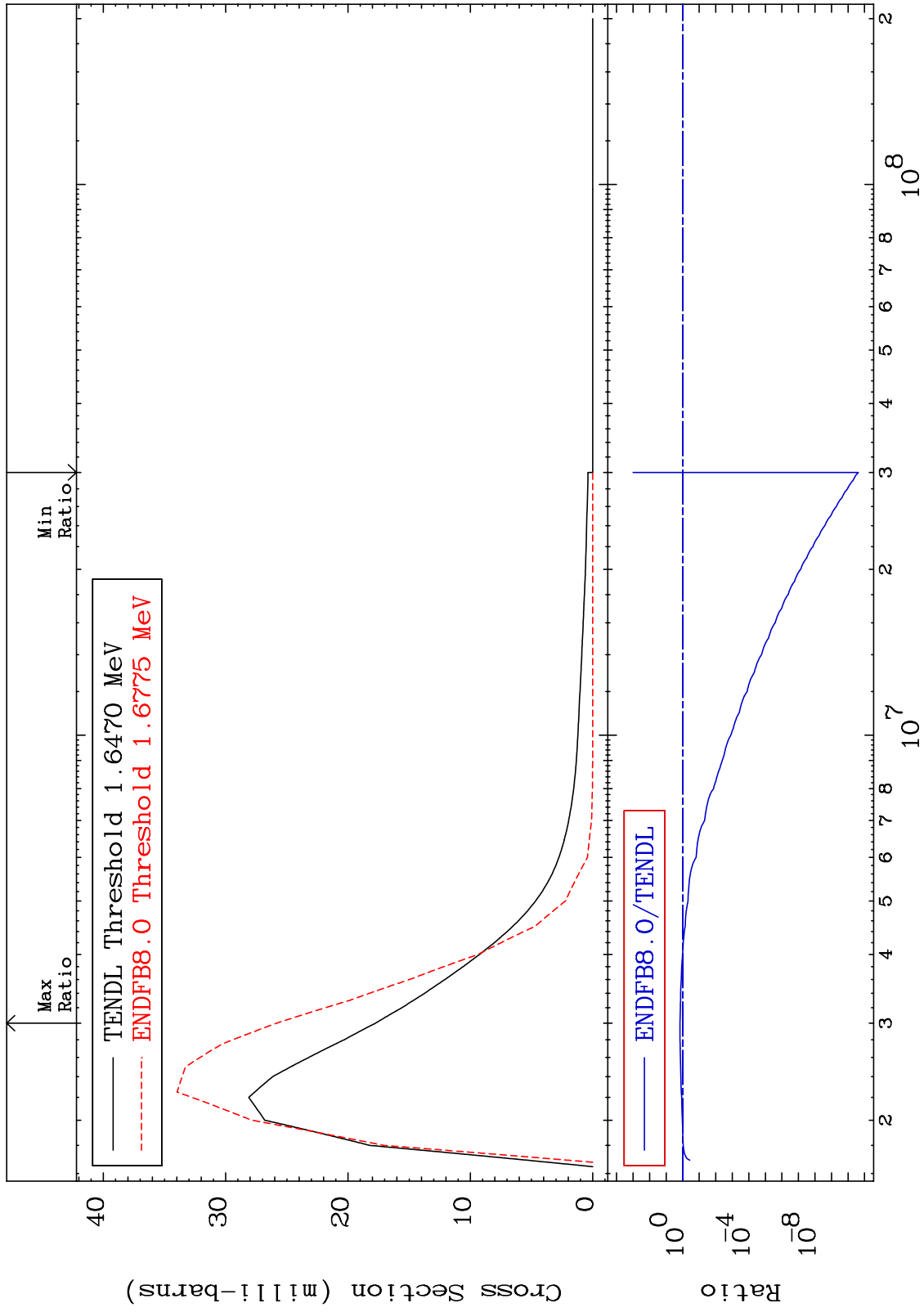
81-Tl-203
-69.99 To 89.82 %



MAT 8125

MT= 77 (n,n') Level
Cross Section

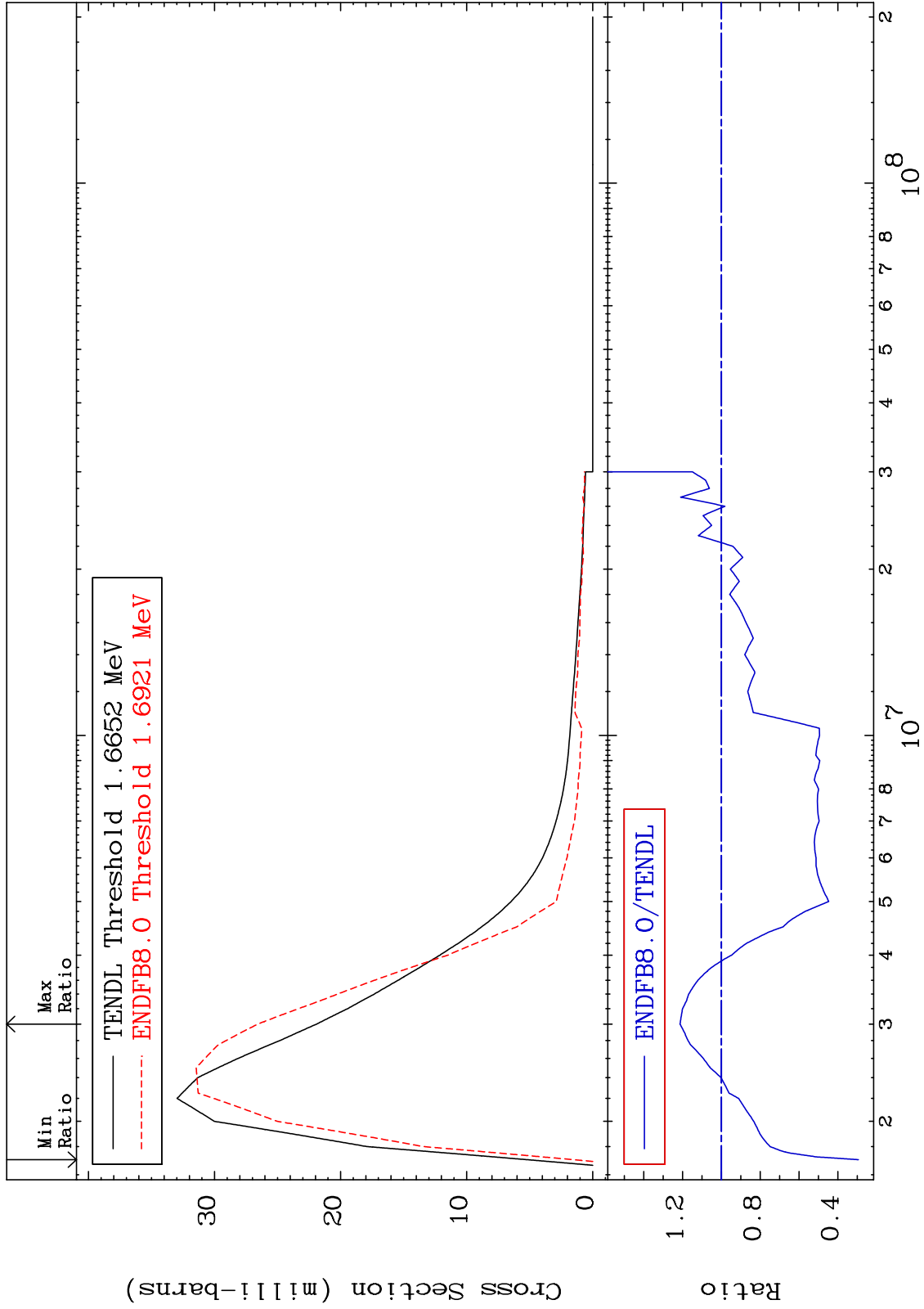
81-Tl-203
-100.0 To 45.51 %



MAT 8125

MT= 78 (n,n') Level
Cross Section

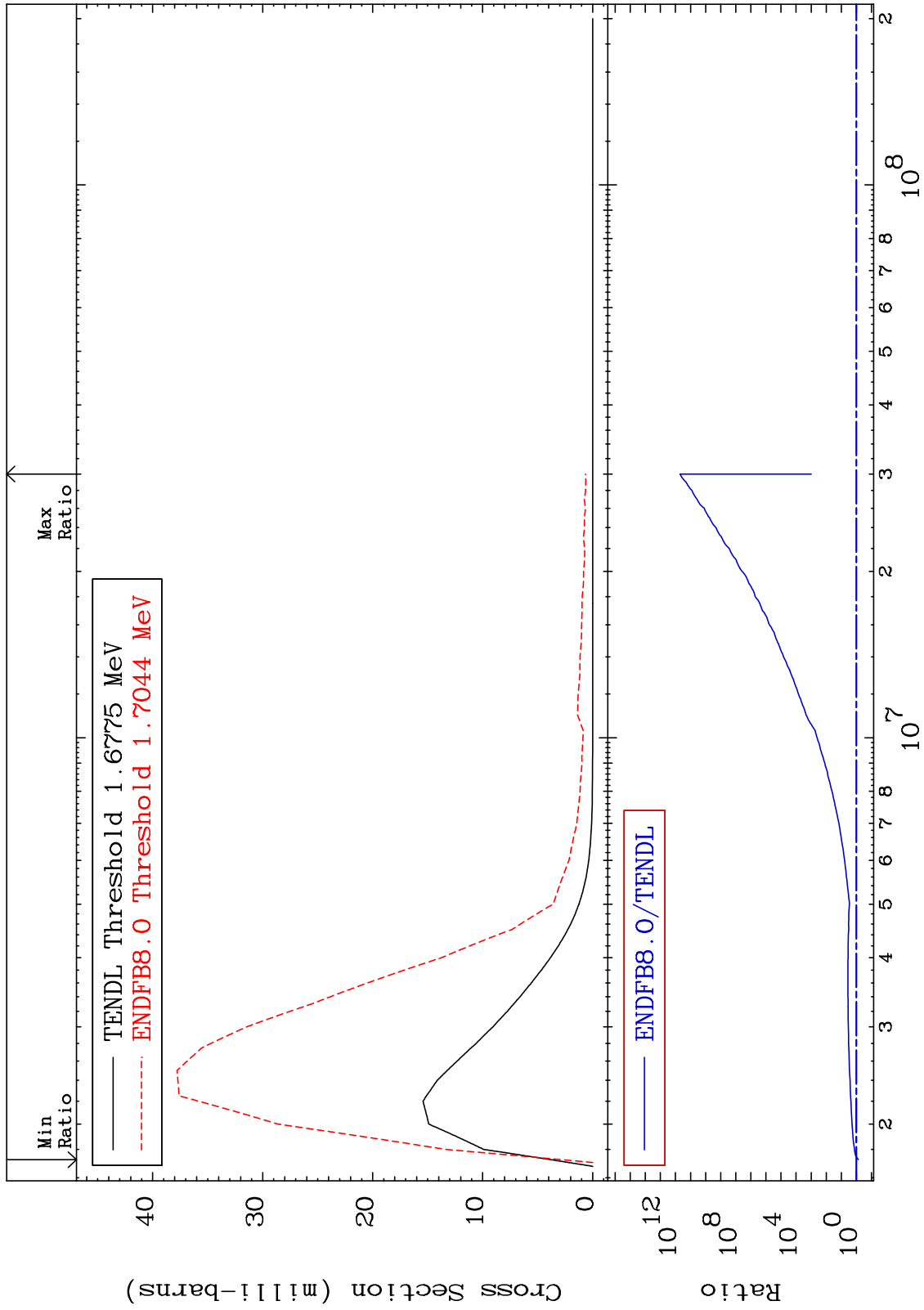
81-Tl-203
-70.58 To 21.35 %



MAT 8125

MT= 79 (n,n') Level
Cross Section

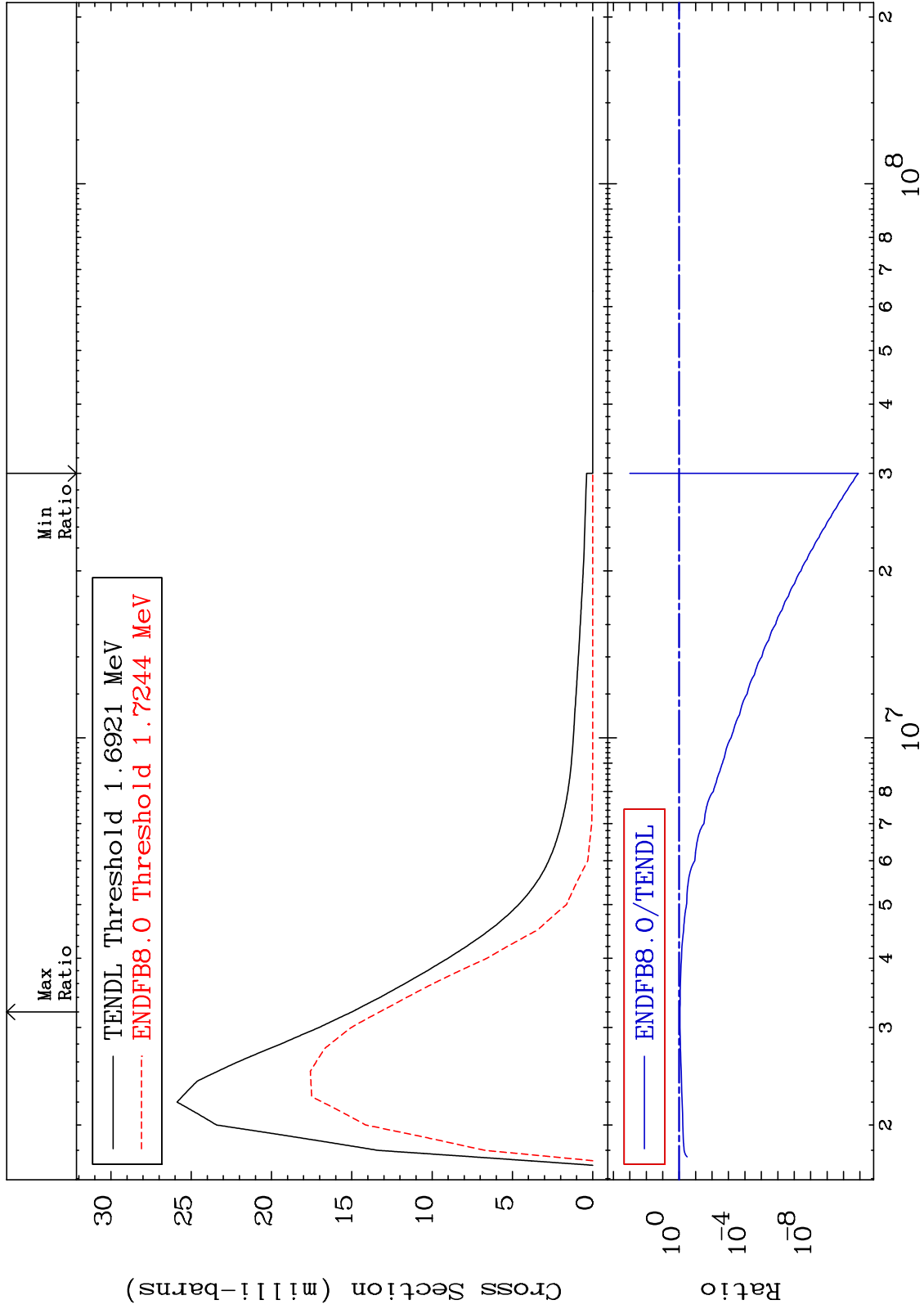
81-Tl-203
-26.39 To 9999. %



MAT 8125

MT= 80 (n,n') Level
Cross Section

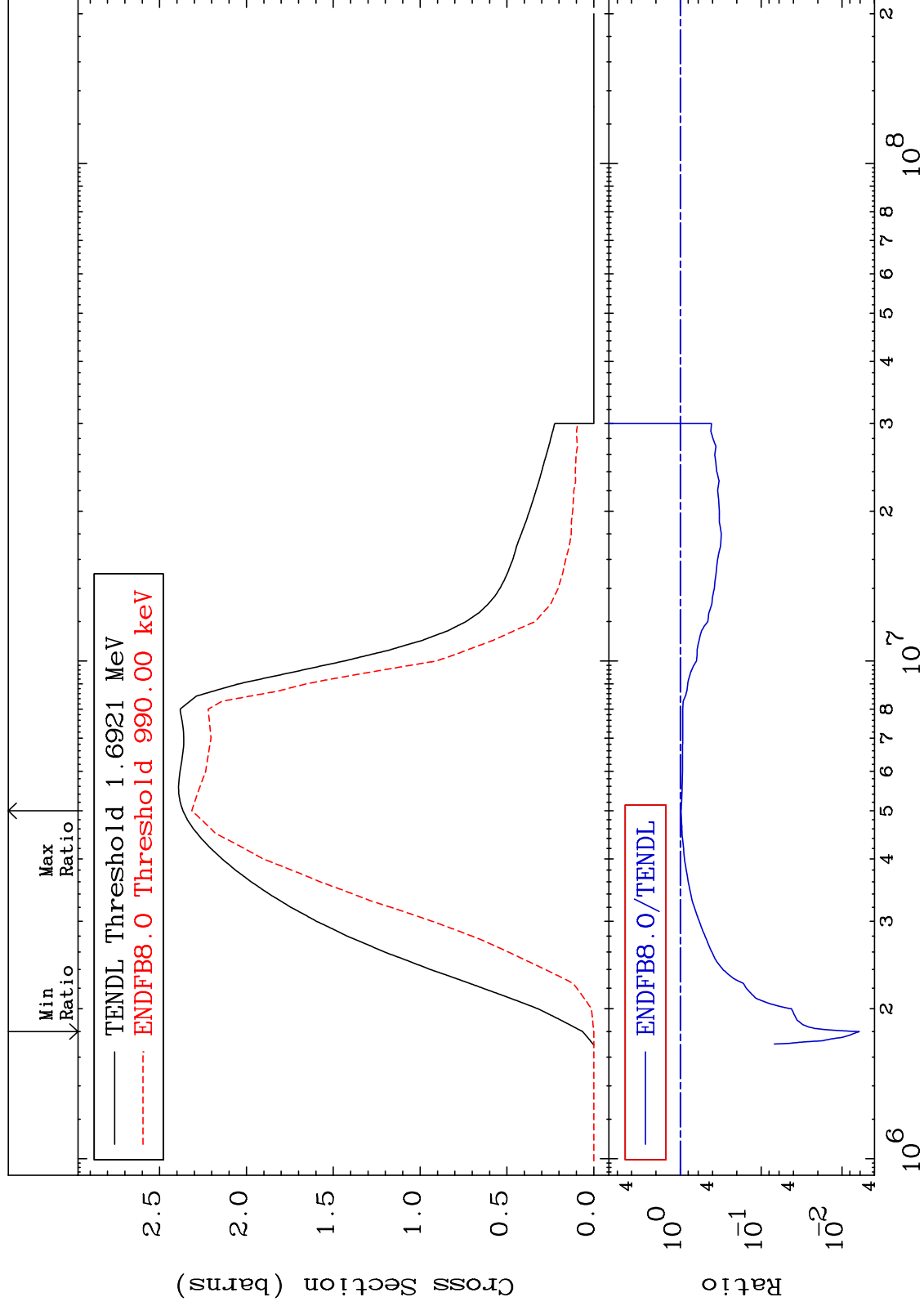
81-Tl-203
-100.0 To -11.46%



MAT 8125

(n, n') Continuum
Cross Section

81-Tl-203
-99.39 To -2.135%



37

Incident Energy (eV)

81-Tl-203

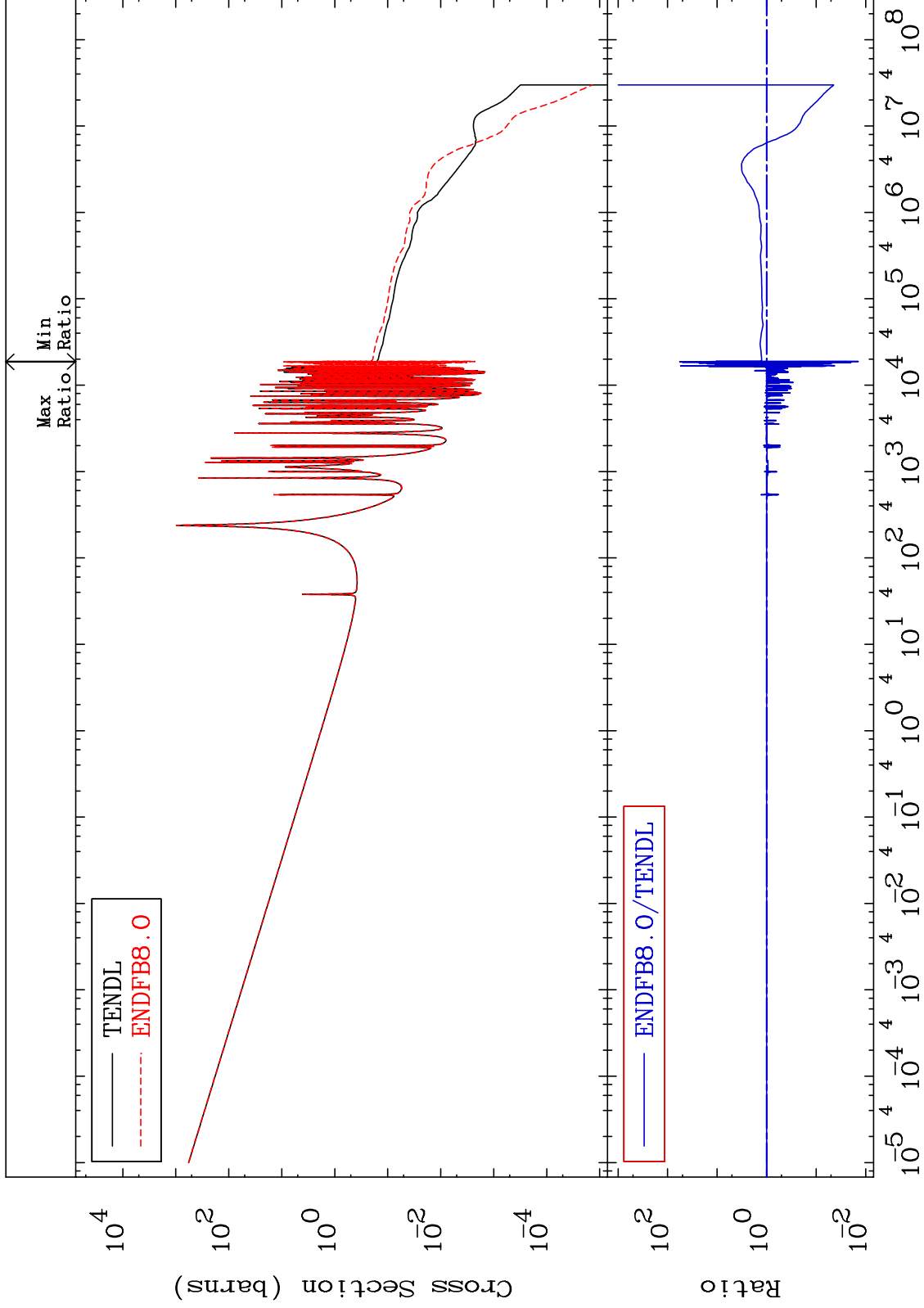
MAT 8125

(n, γ)

81-Tl-203

Cross Section

-98.60 To 5569. %



— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

Max Ratio

Min Ratio

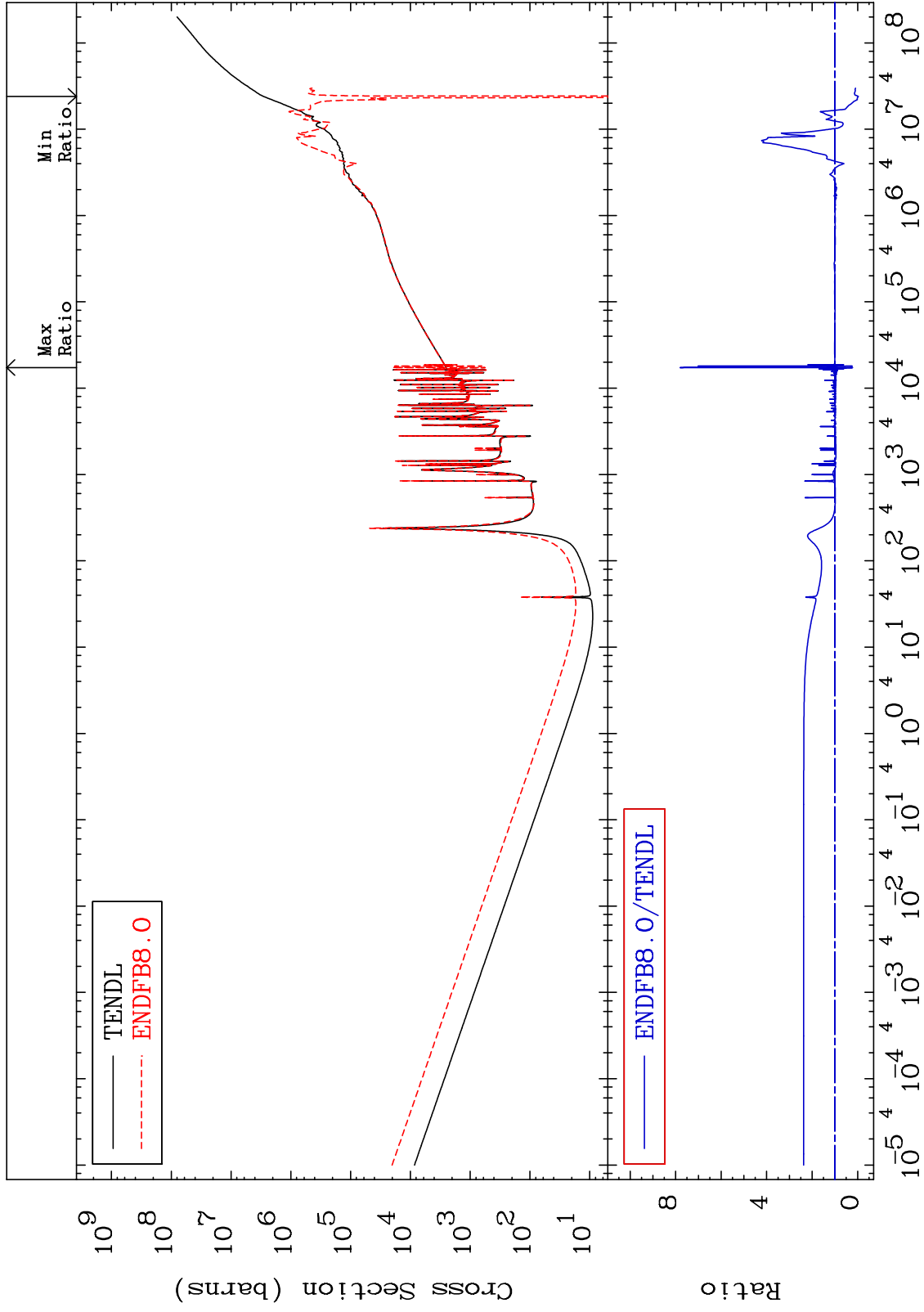
Incident Energy (eV)

81-Tl-203

MAT 8125

Kerma total (eV-barns)
Cross Section

81-Tl-203
-103.5 To 680.8 %



39

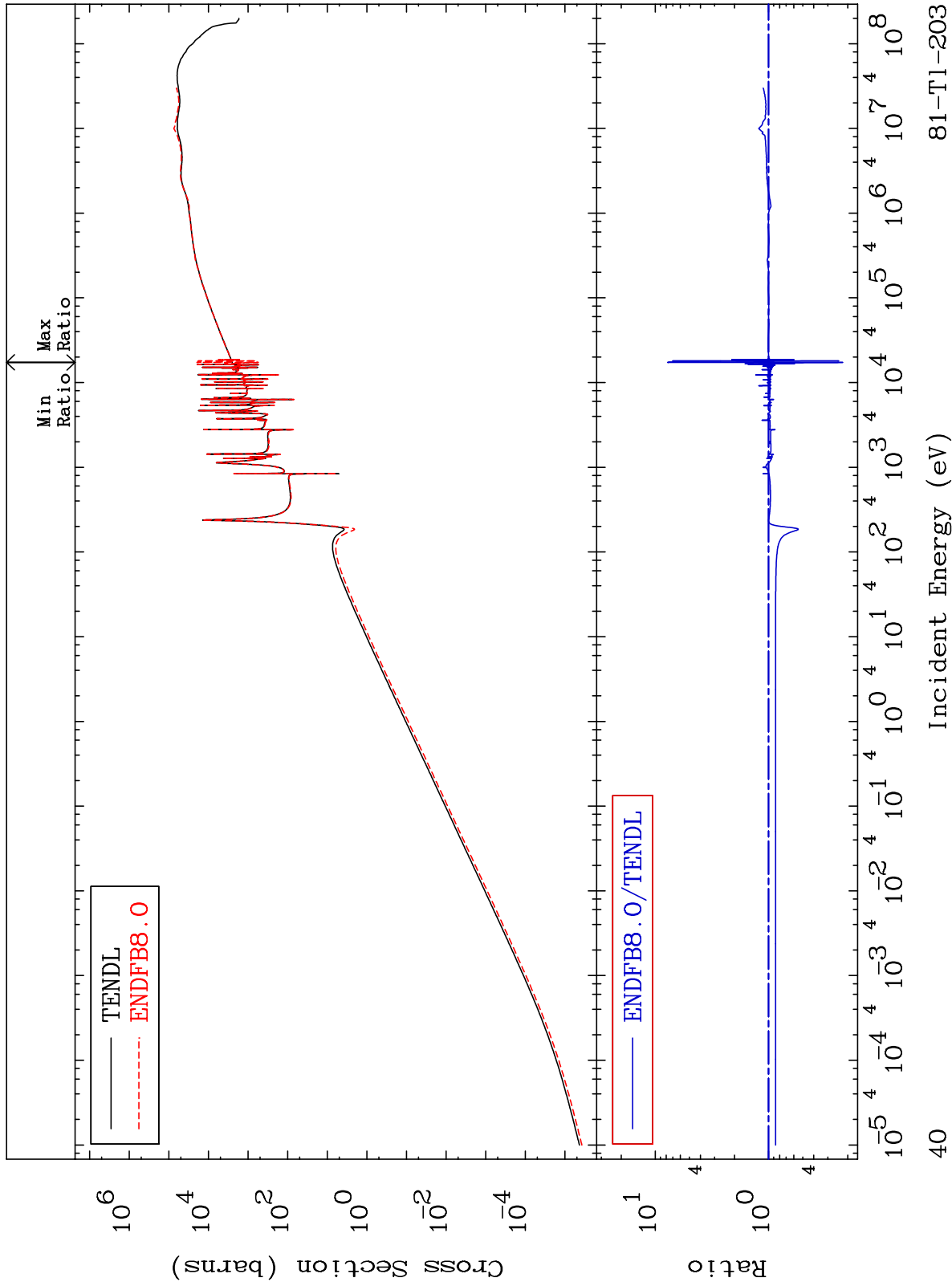
Incident Energy (eV)

81-Tl-203

MAT 8125

Kerma elastic
Cross Section

81-T1-203
-77.81 To 679.5 %



40

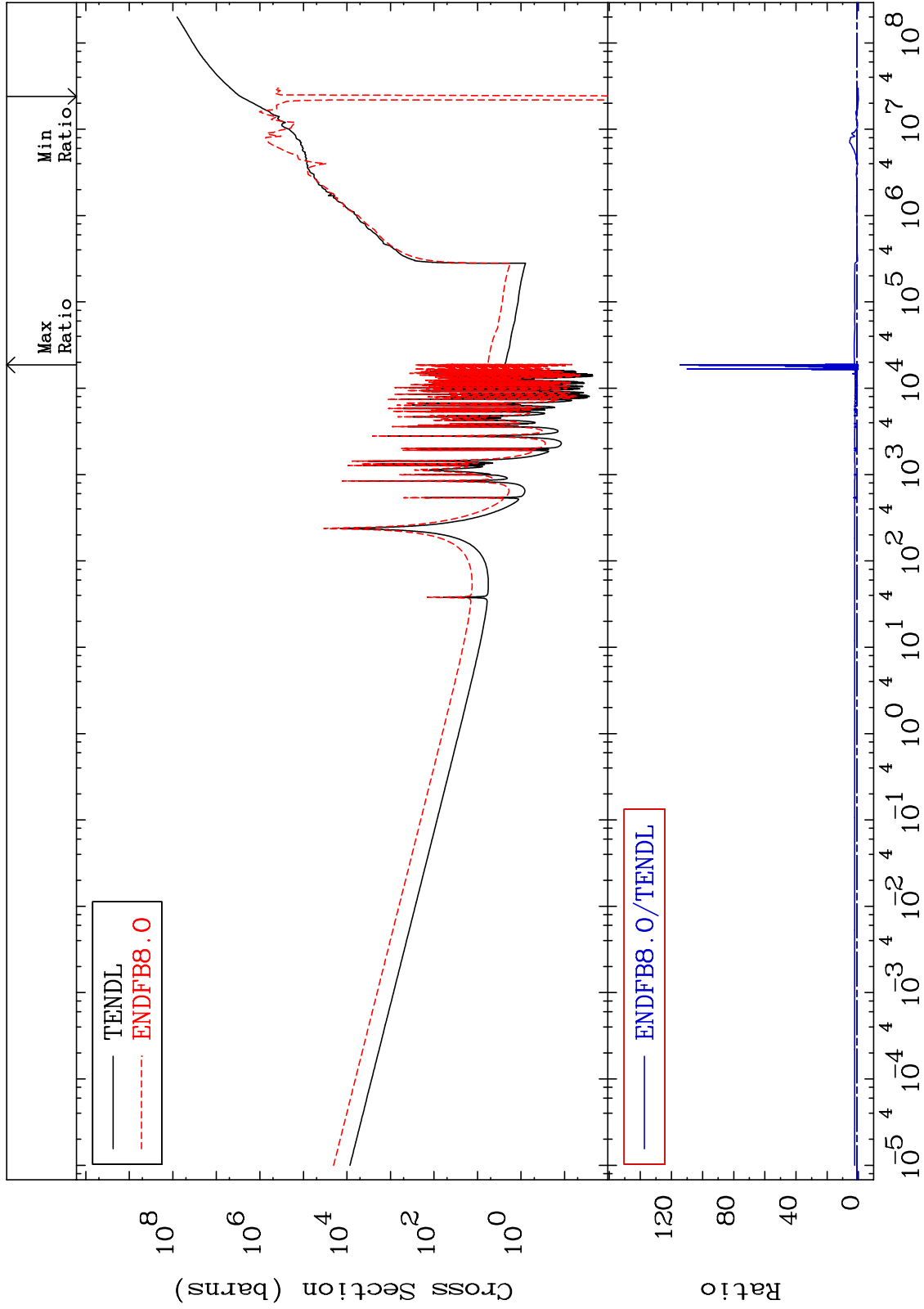
Incident Energy (eV)

81-T1-203

MAT 8125

Kerma non-elastic (all but mt2)
Cross Section

81-T1-203
-105.6 To 9999. %



41

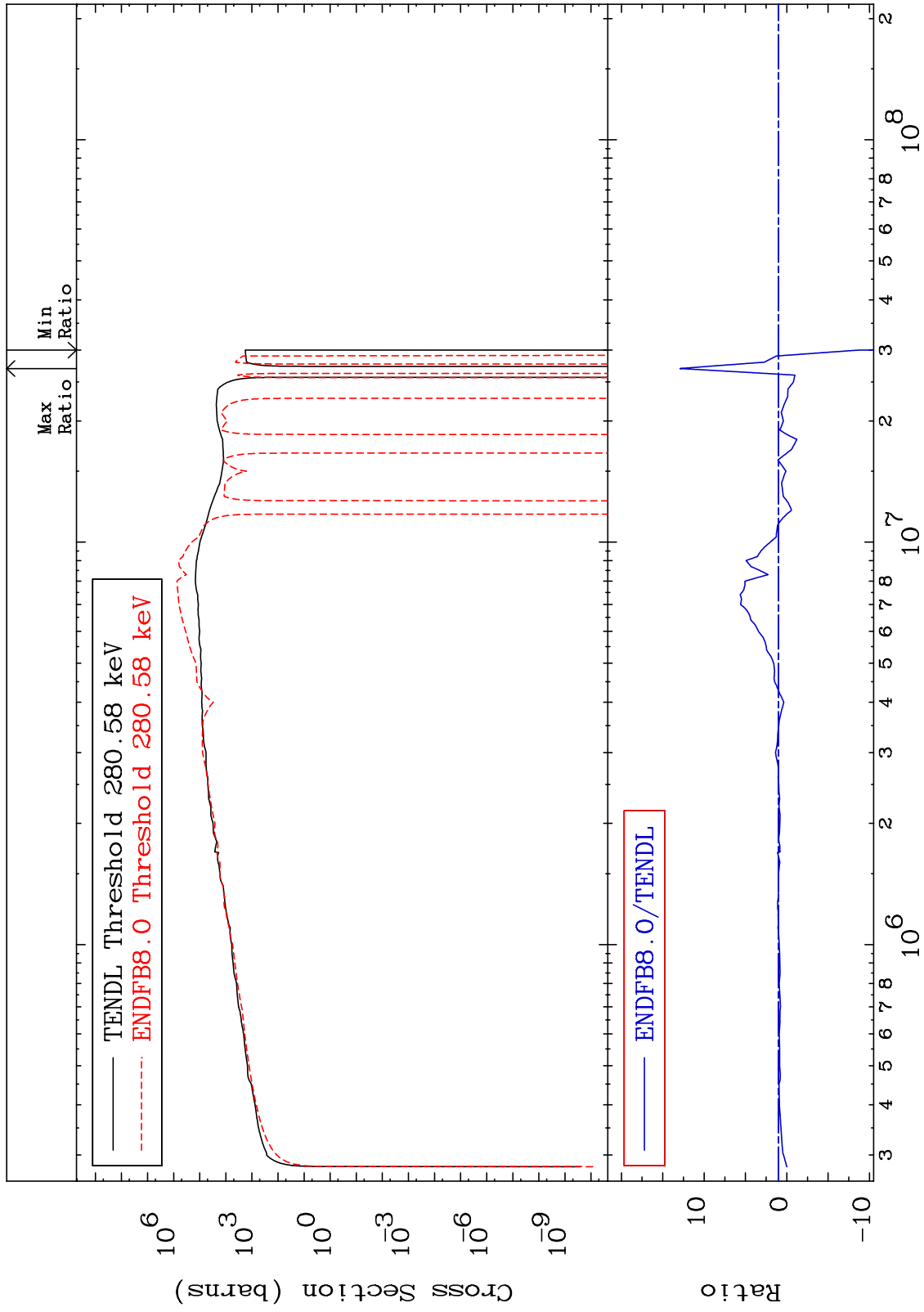
Incident Energy (eV)

81-T1-203

MAT 8125

Kerma inelastic (mt51-91)
Cross Section

81-Tl-203
-966.2 To 1191. %



42

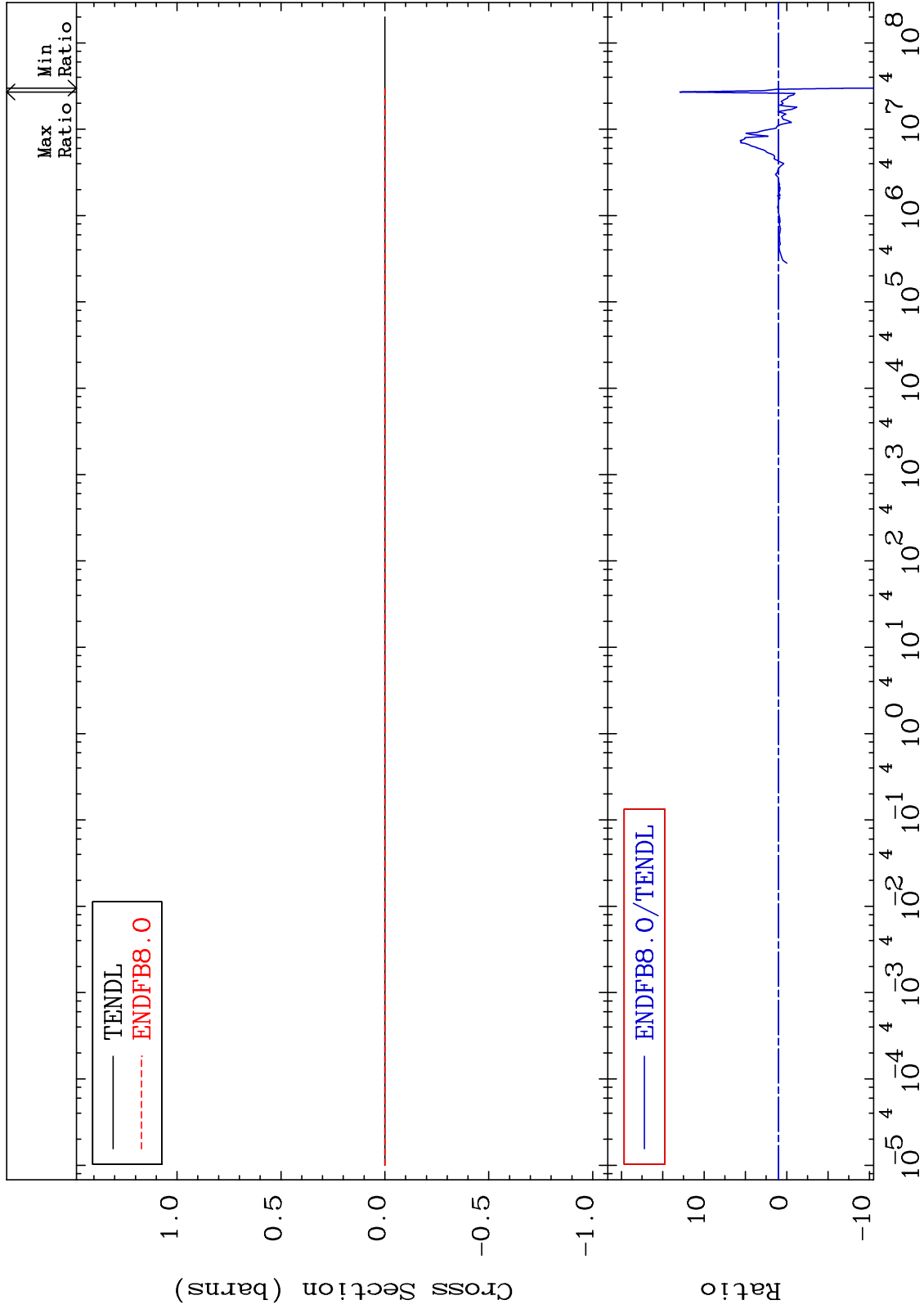
Incident Energy (eV)

81-Tl-203

MAT 8125

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

81-T1-203
-966.2 To 1191. %



43

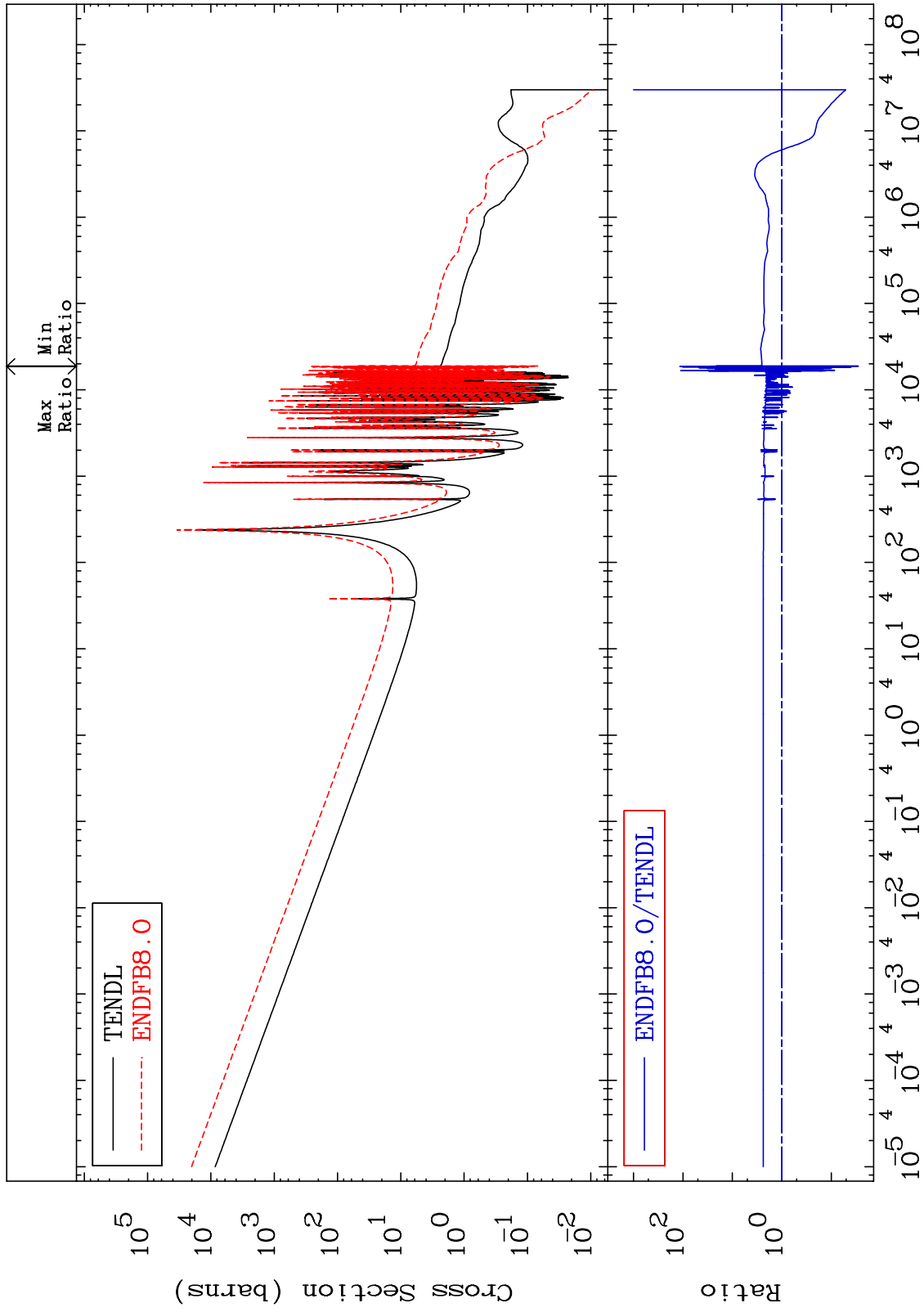
Incident Energy (eV)

81-T1-203

MAT 8125

Kerma capture (mt102)
Cross Section

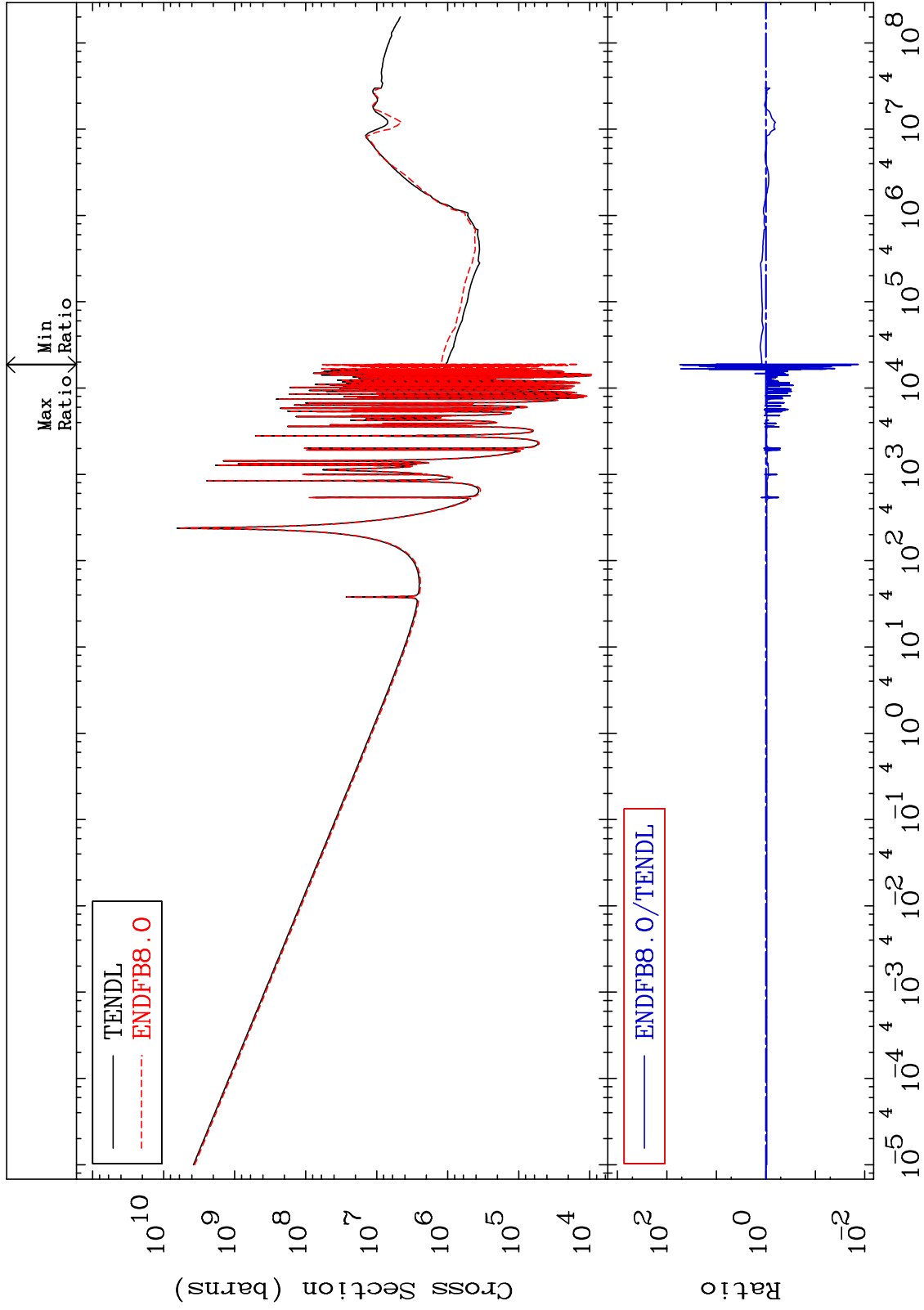
81-Tl-203
-97.17 To 9999. %



MAT 8125

Total photon (eV-barns)
Cross Section

81-Tl-203
-98.66 To 5333. %



45

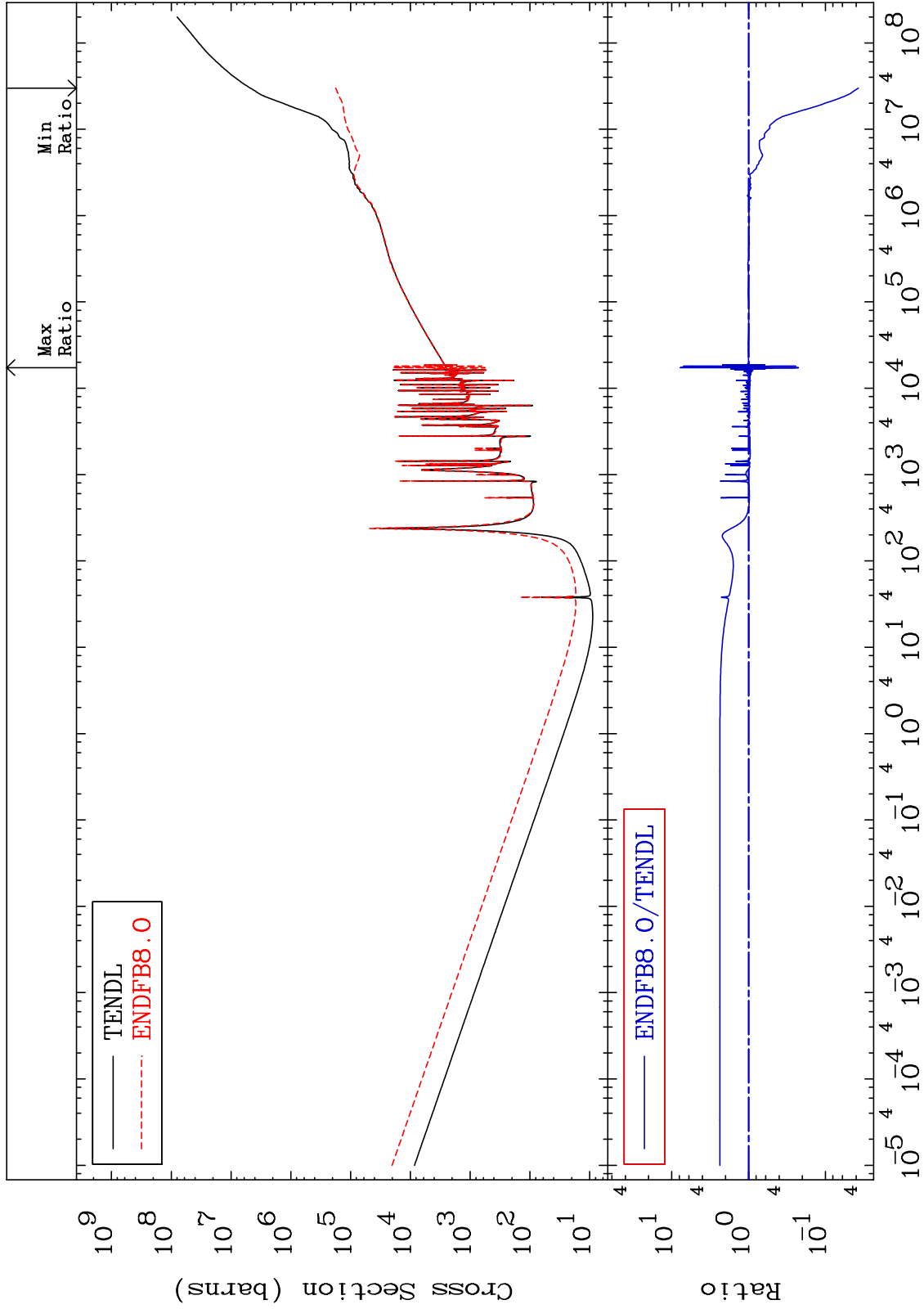
Incident Energy (eV)

81-Tl-203

MAT 8125

Total kinematic kerma (high limit)
Cross Section

81-Tl-203
-96.27 To 680.8 %



46

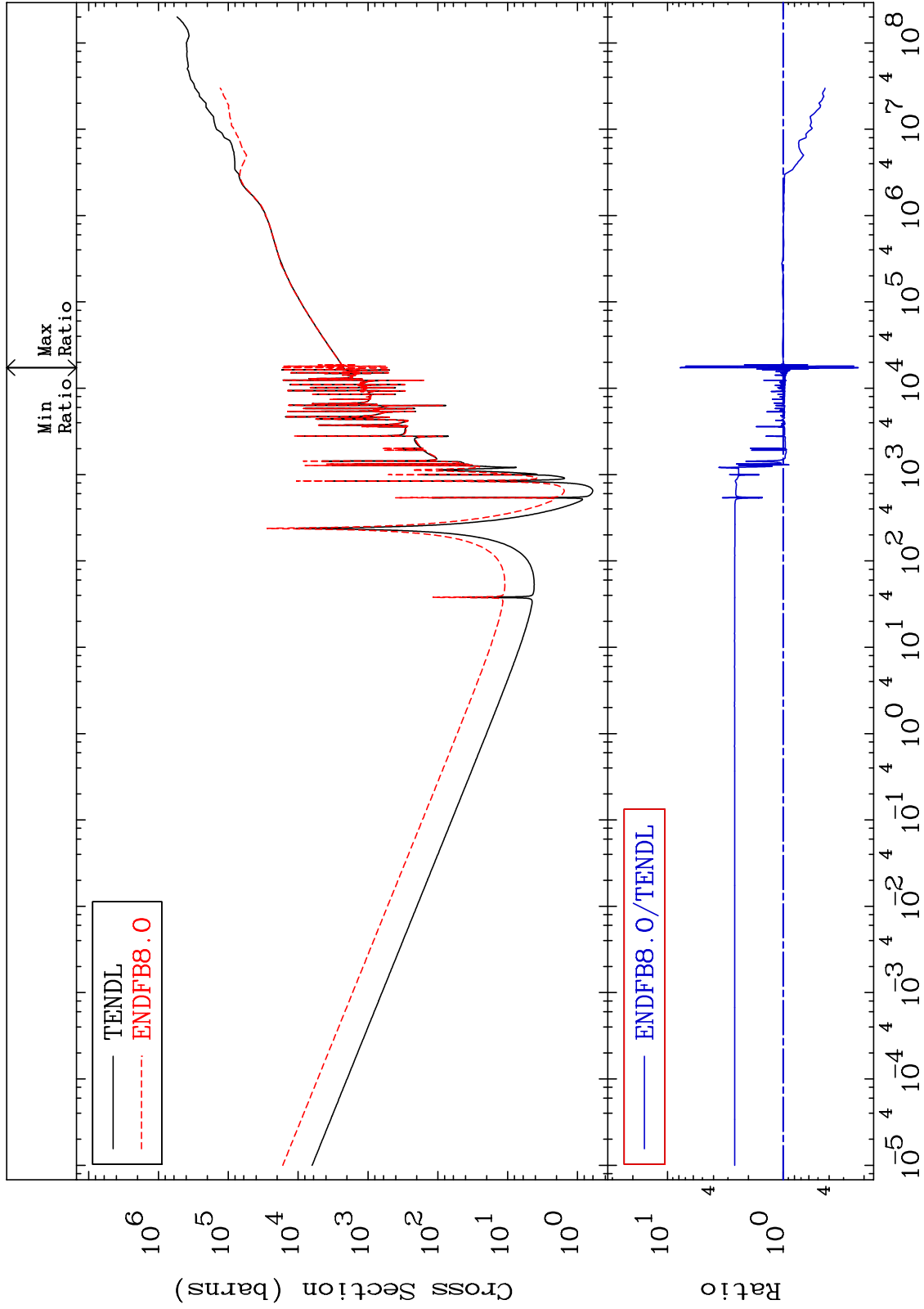
Incident Energy (eV)

81-Tl-203

MAT 8125

Dpa total (eV-barns)
Cross Section

81-T1-203
-77.66 To 680.4 %



47

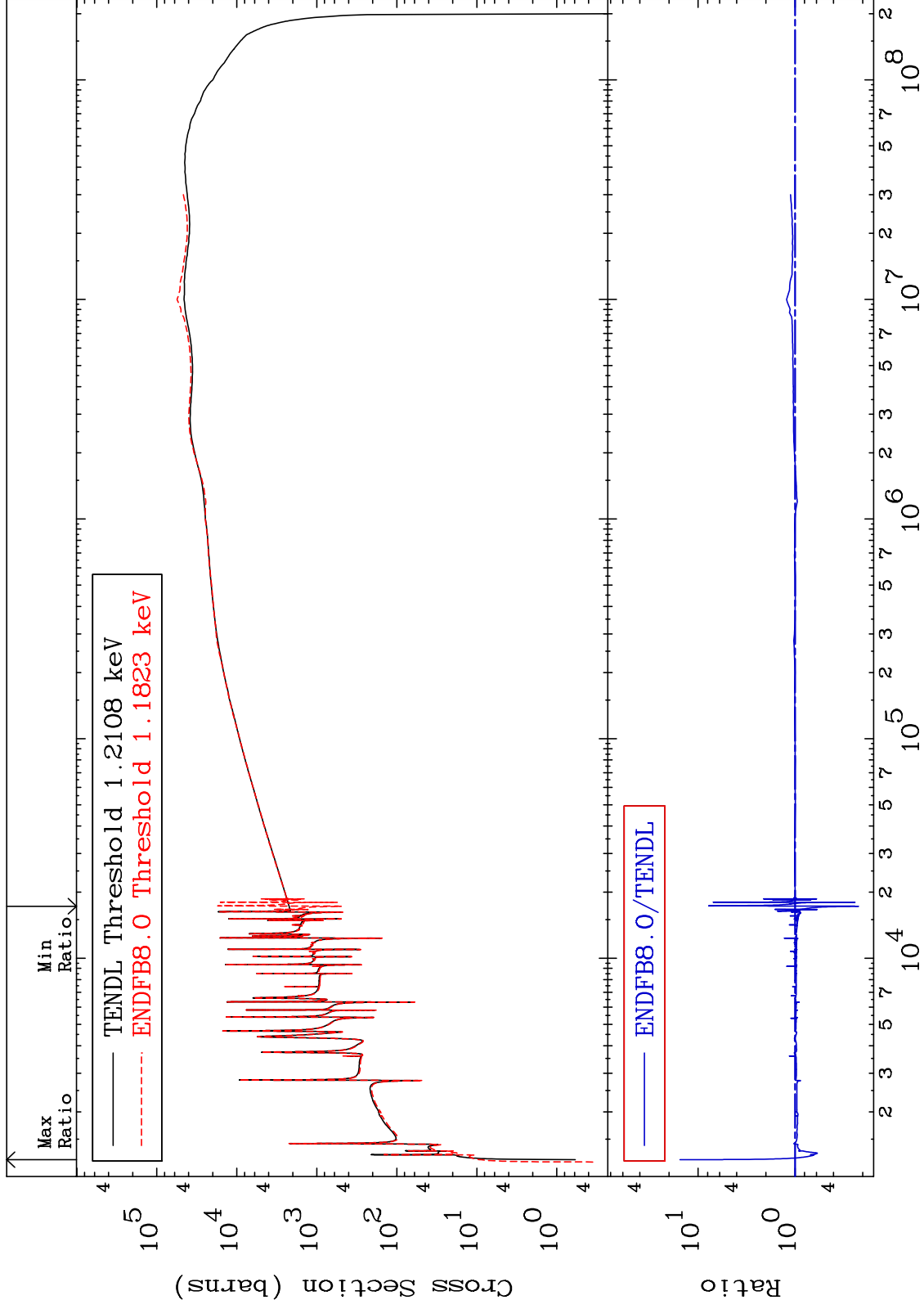
Incident Energy (eV)

81-T1-203

MAT 8125

Dpa elastic (mt2)
Cross Section

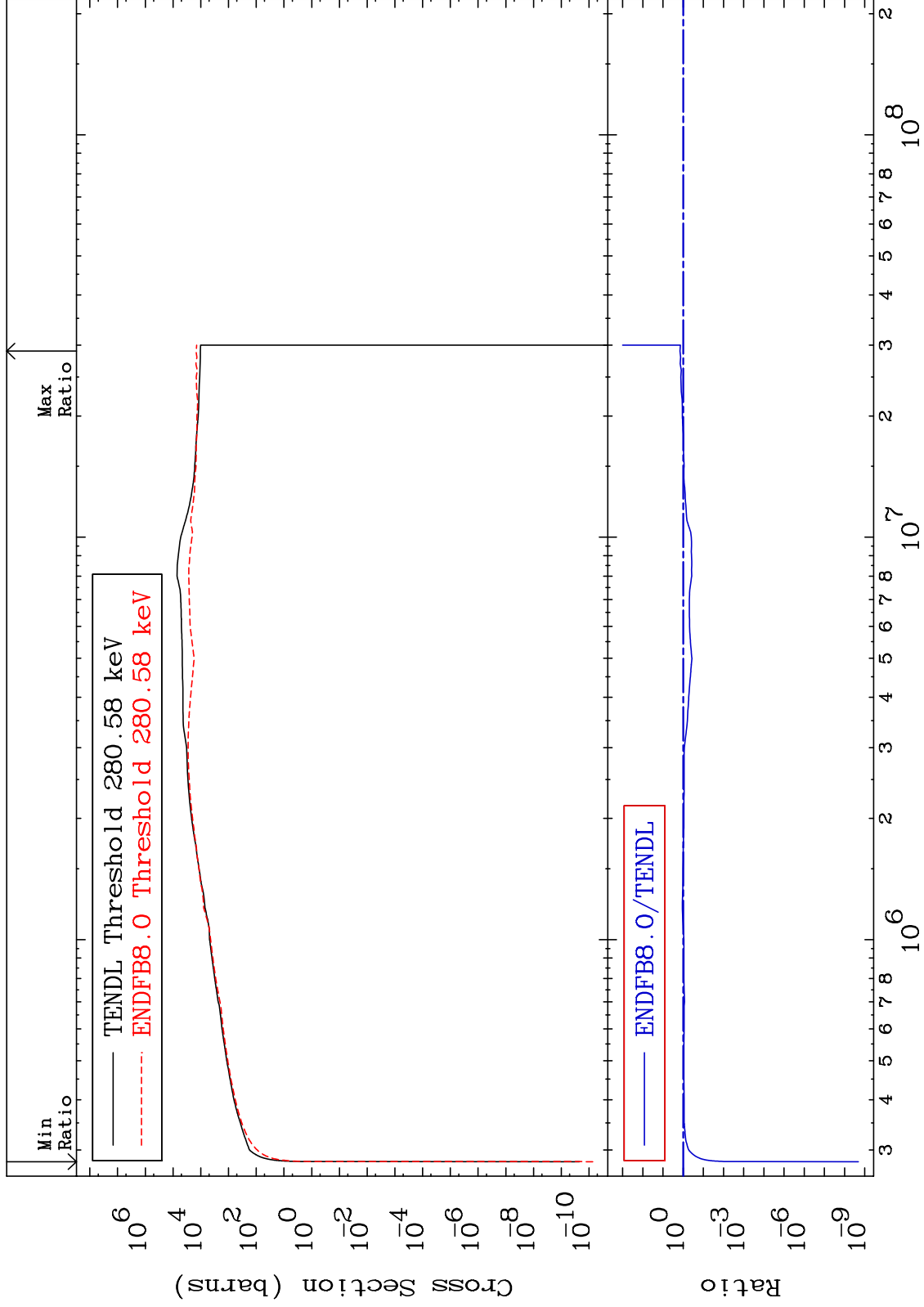
81-Tl-203
-77.82 To 1439. %



MAT 8125

Dpa inelastic (mt51-91)
Cross Section

81-Tl-203
-100.0 To 43.14 %



MAT 8125

Dpa disappearance (mt102 -120)
Cross Section

81-T1-203
-100.0 To 9999. %

