

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

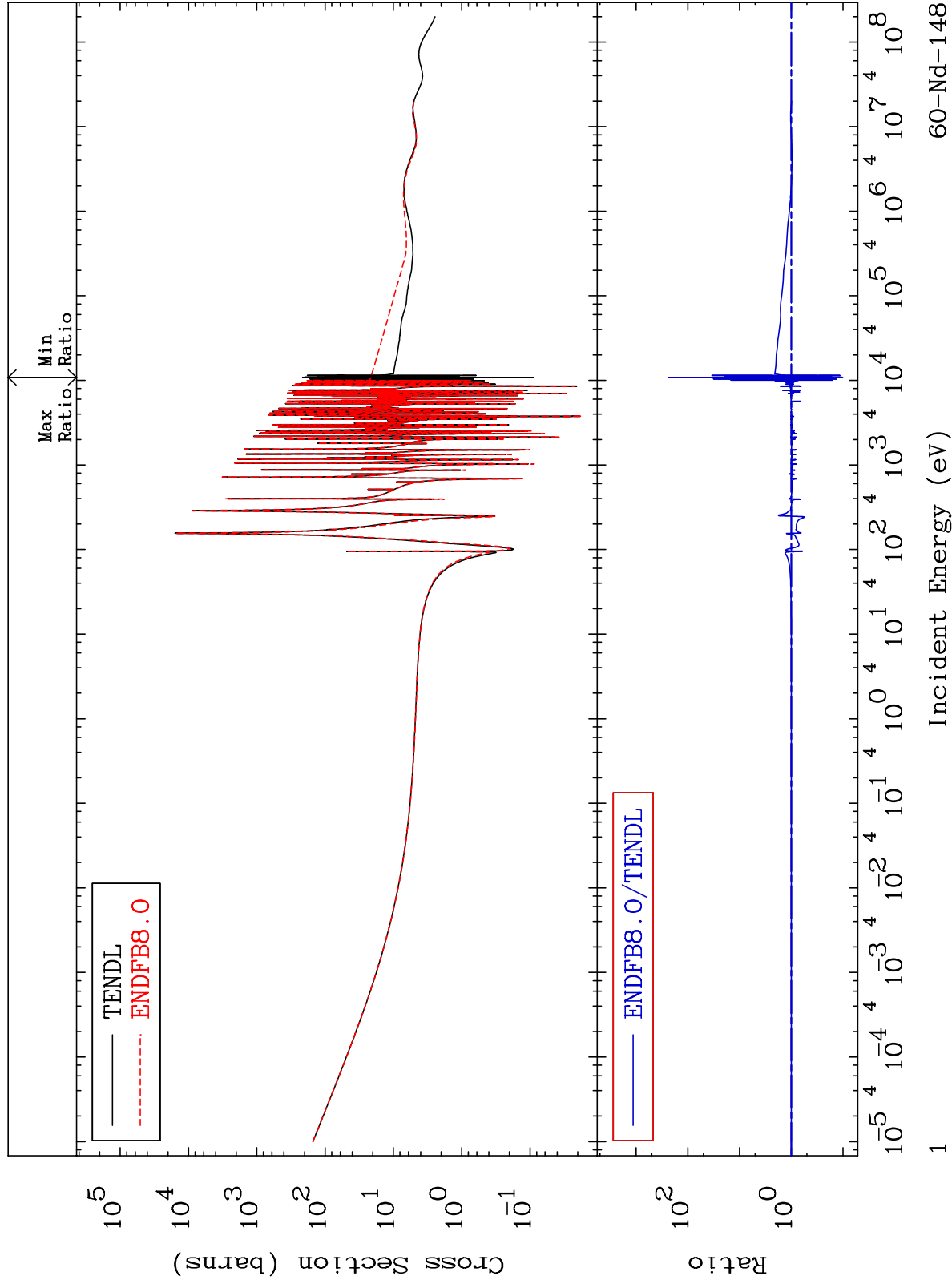
MAT 6043

Total

60-Nd-148

Cross Section

-89.94 To 9999. %

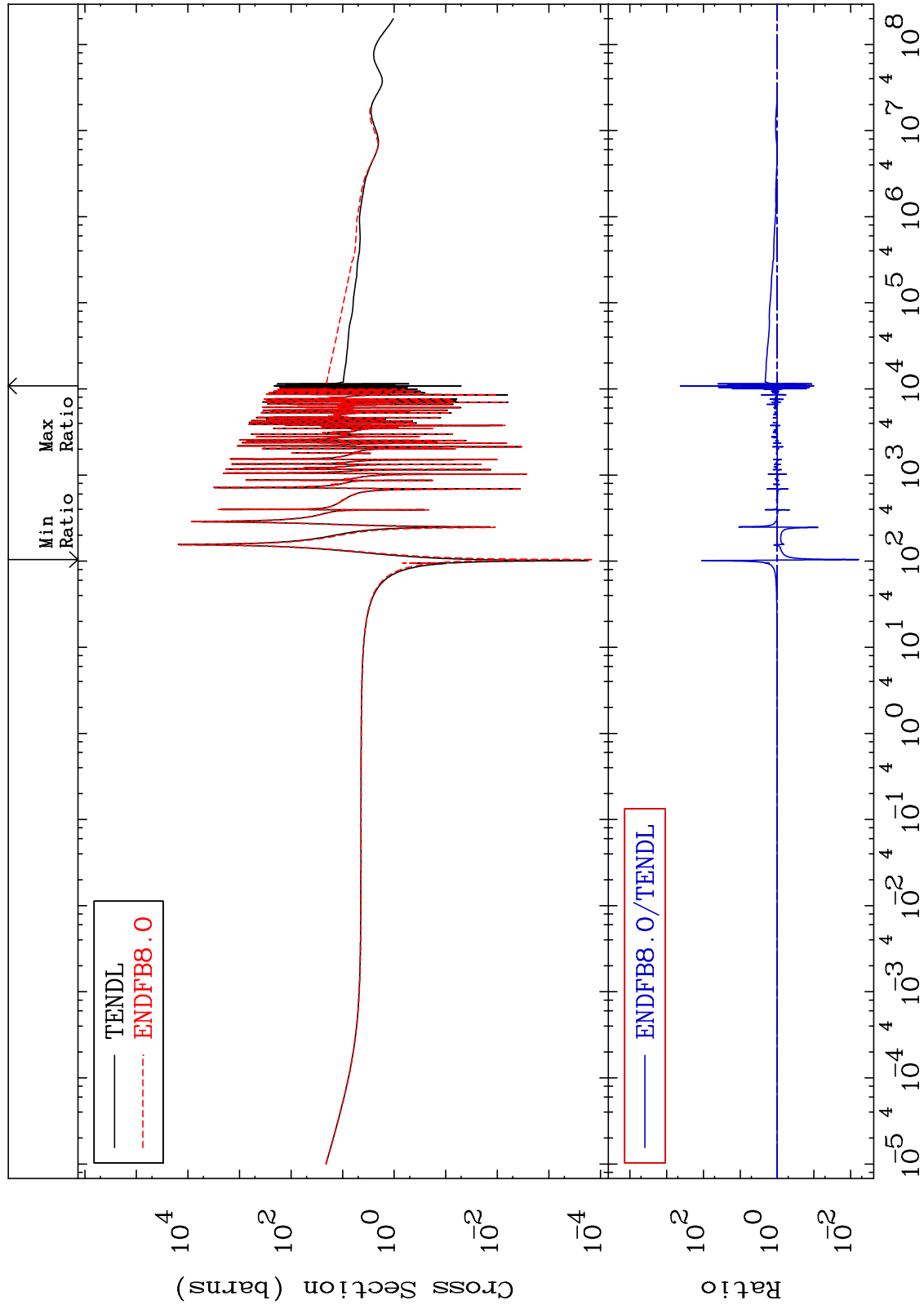


60-Nd-148

MAT 6043

Elastic
Cross Section

60-Nd-148
-99.39 To 9999. %

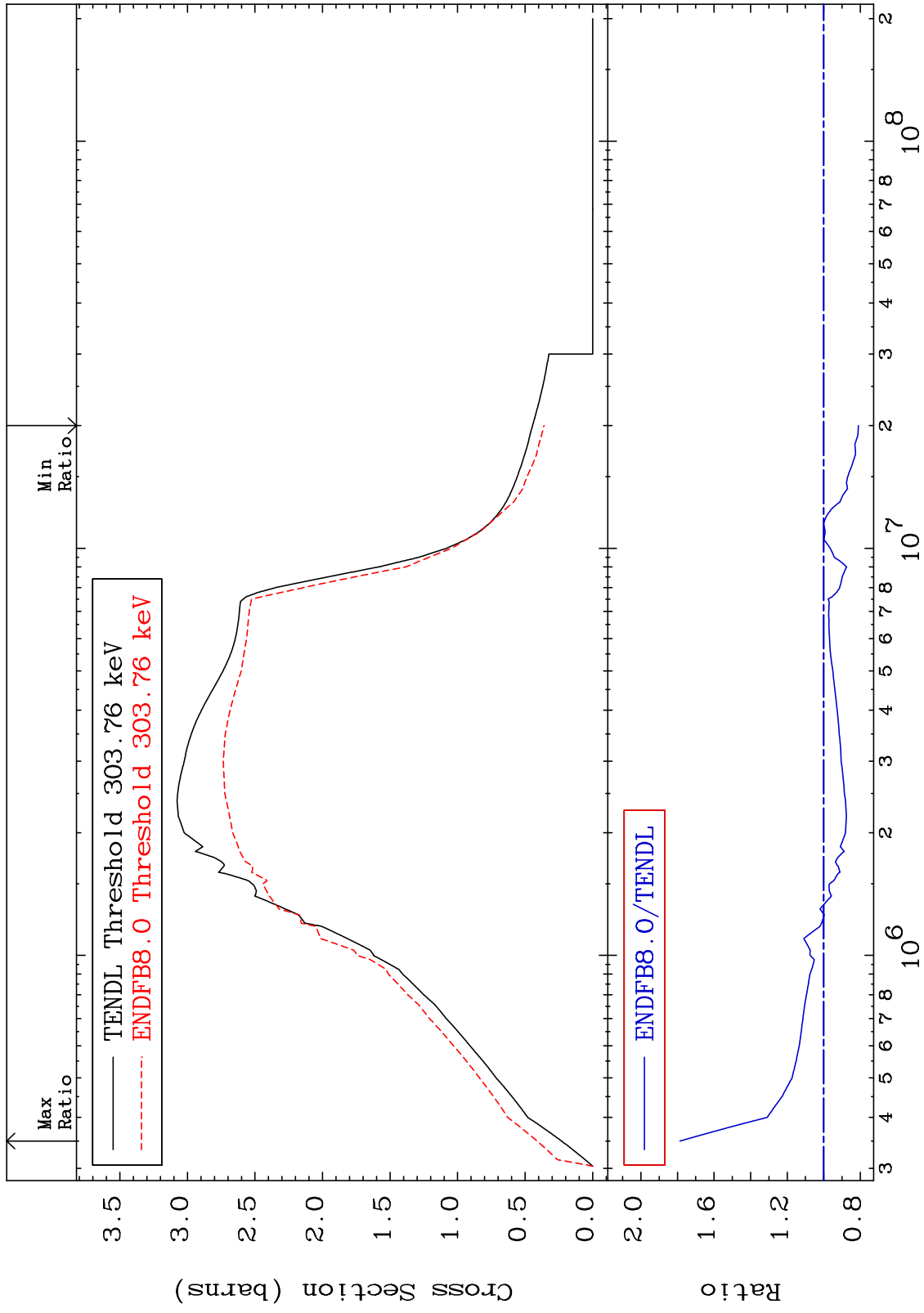


2

Incident Energy (eV)

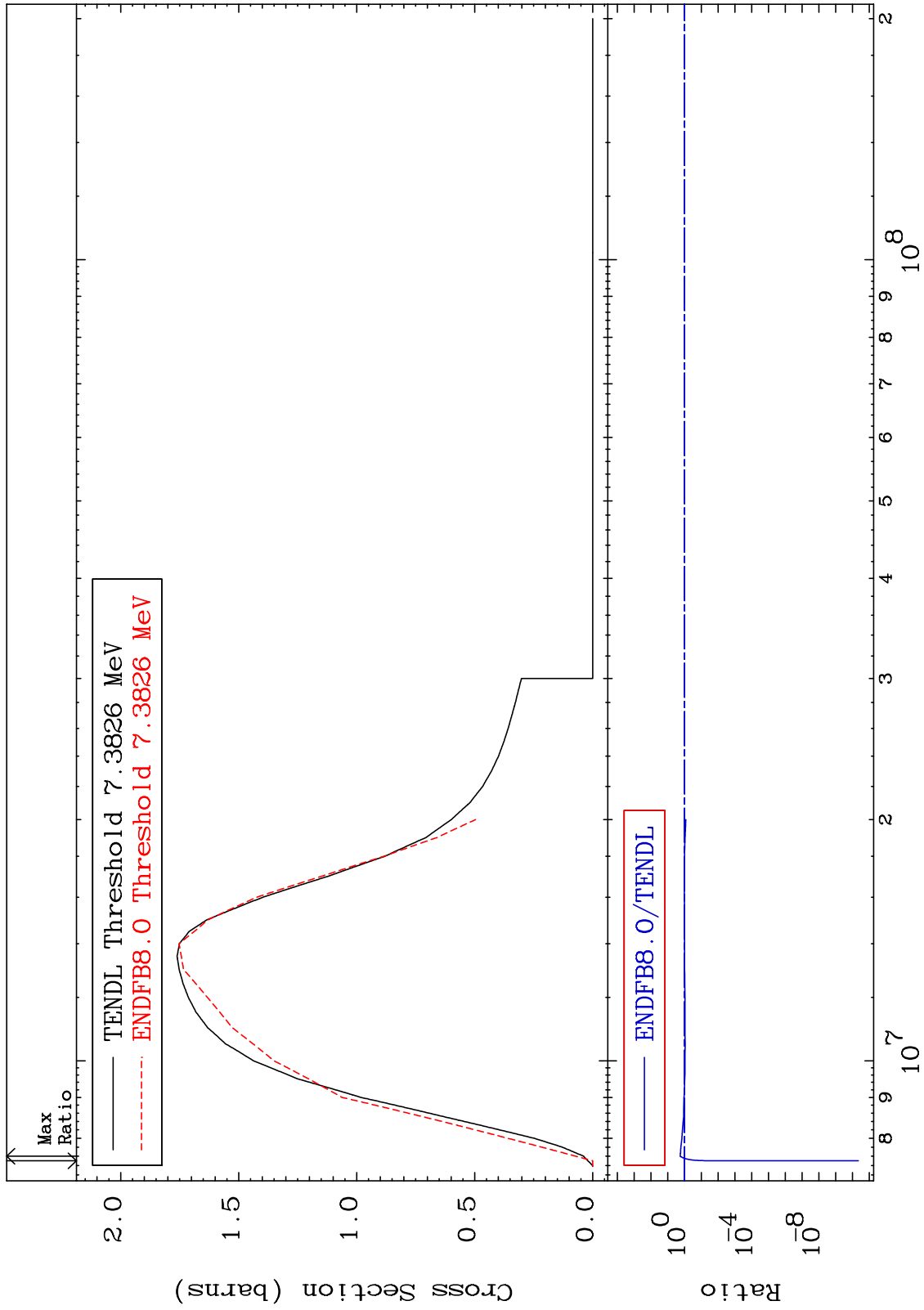
60-Nd-148

MAT 6043 Inelastic Cross Section 60-Nd-148 -18.96 To 78.60 %



3 3 4 5 6 7 8 10⁶ 10⁷ 10⁸ 2 60-Nd-148

MAT 6043 (n,2n) Cross Section 60-Nd-148 -100.0 To 85.89 %



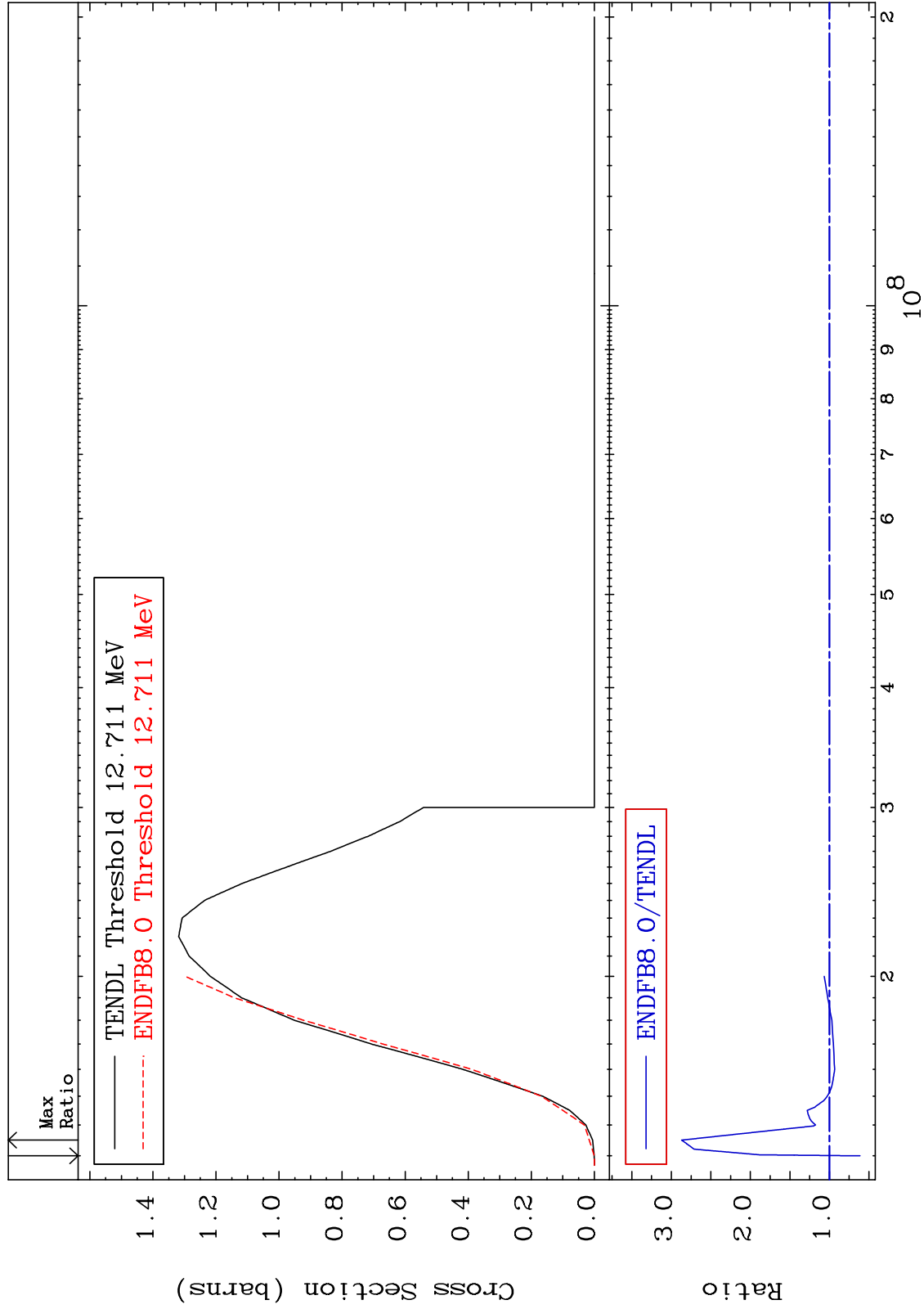
MAT 6043

(n, 3n)

60-Nd-148

Cross Section

-38.73 To 186.9 %



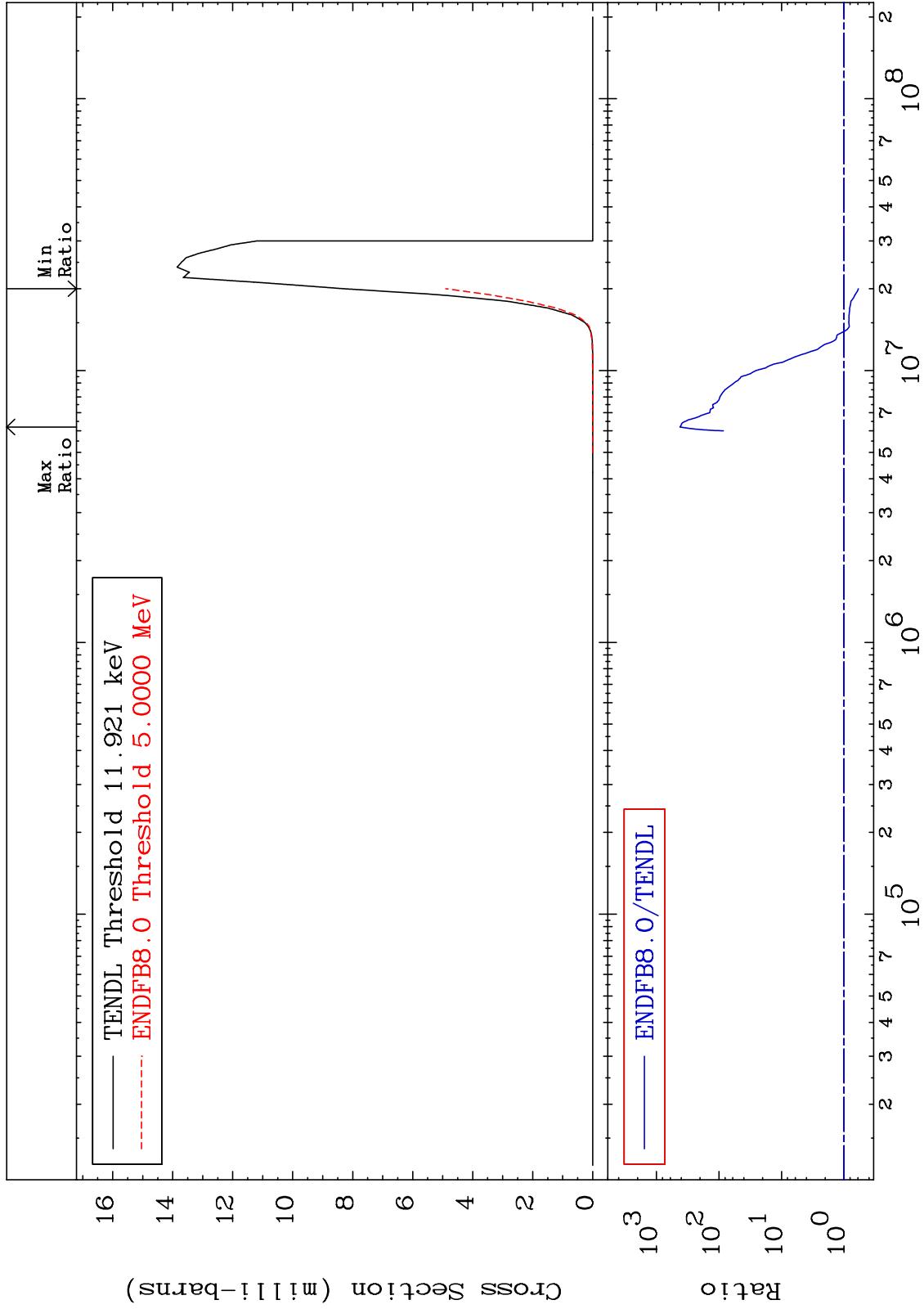
MAT 6043

(n,n') α

60-Nd-148

Cross Section

-41.01 To 9999. %



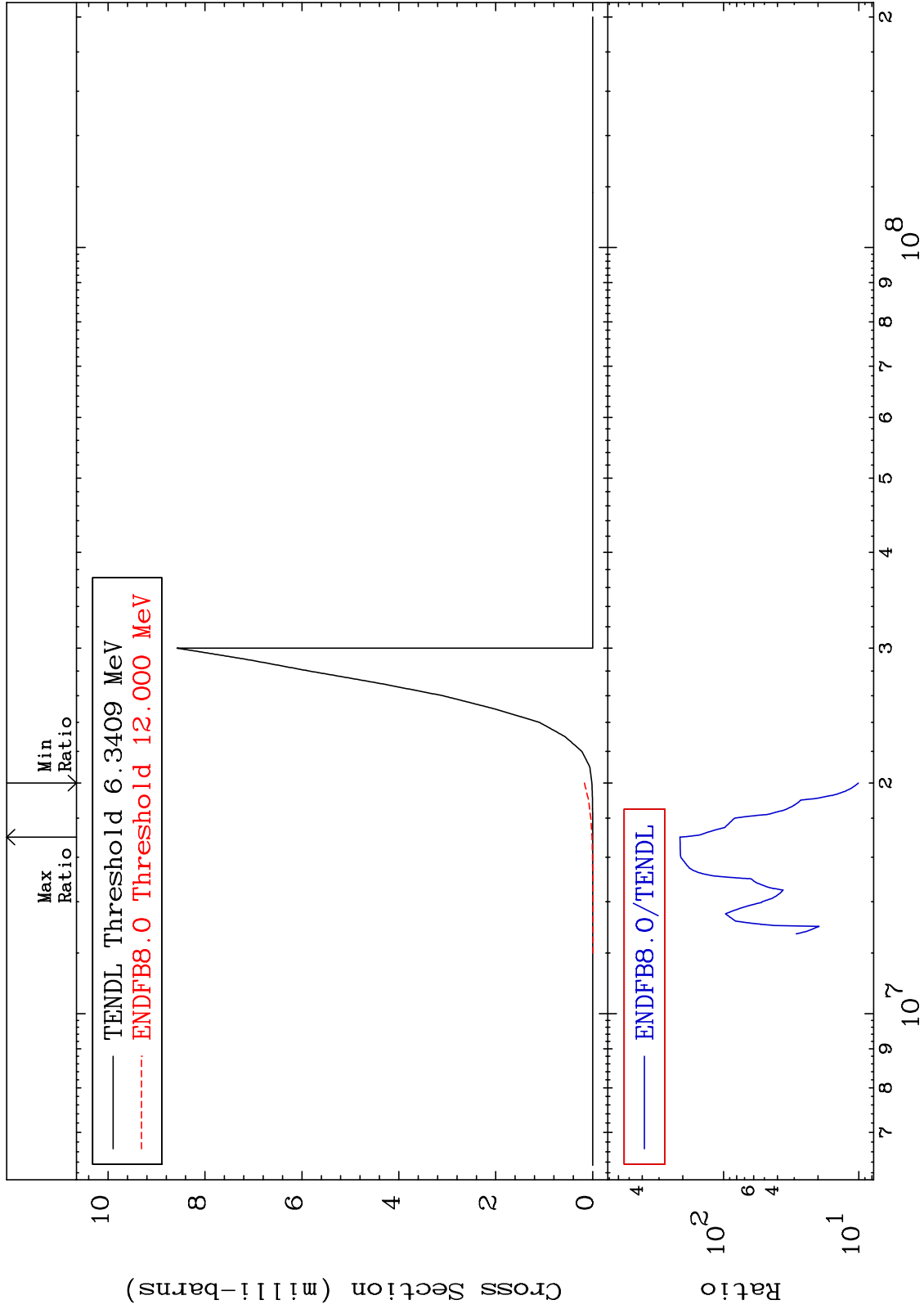
MAT 6043

(n,2n) α

60-Nd-148

907.0 To 9999. %

Cross Section



7

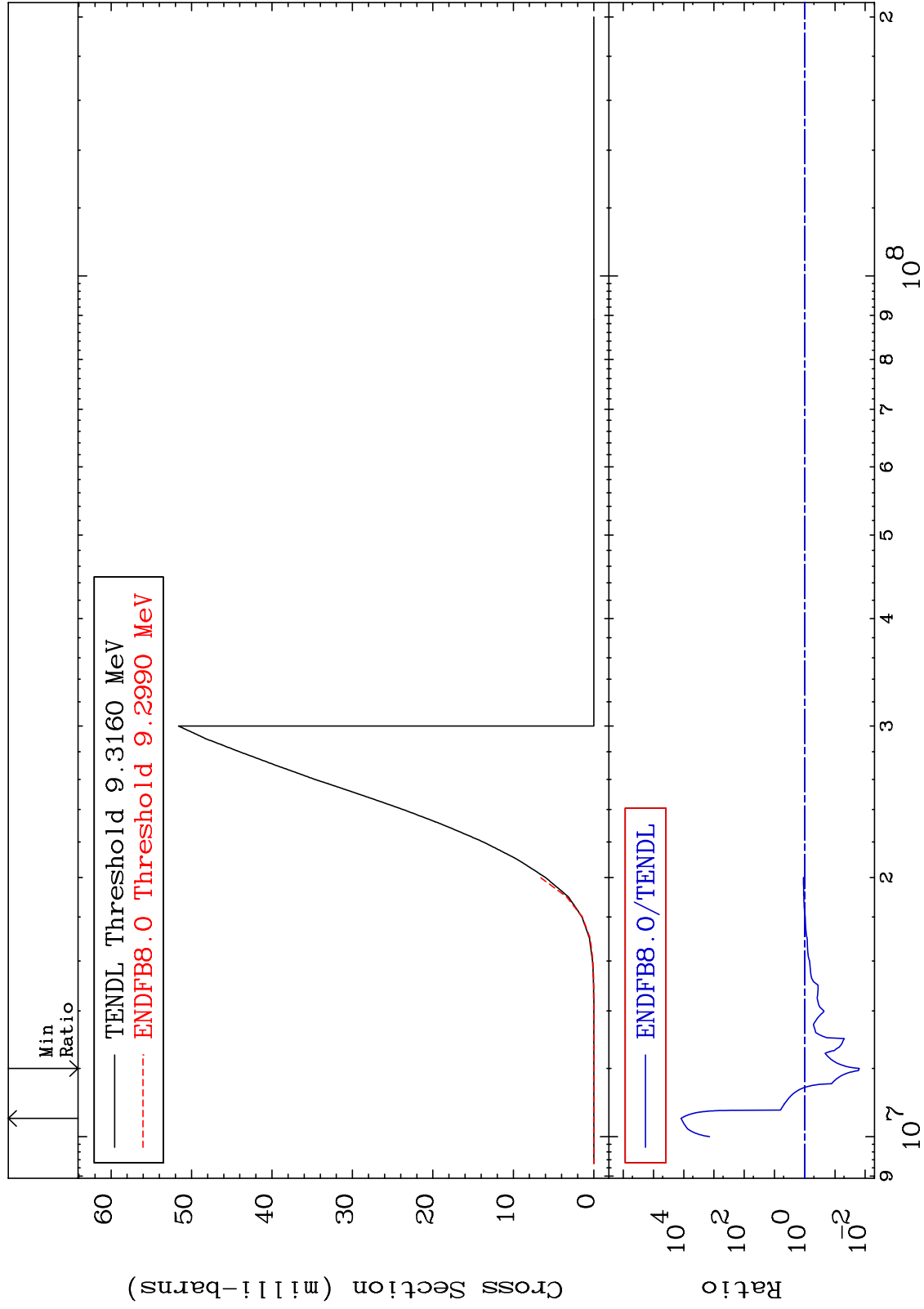
Incident Energy (eV)

60-Nd-148

MAT 6043

(n,n') p
Cross Section

60-Nd-148
-98.43 To 9999. %



60-Nd-148

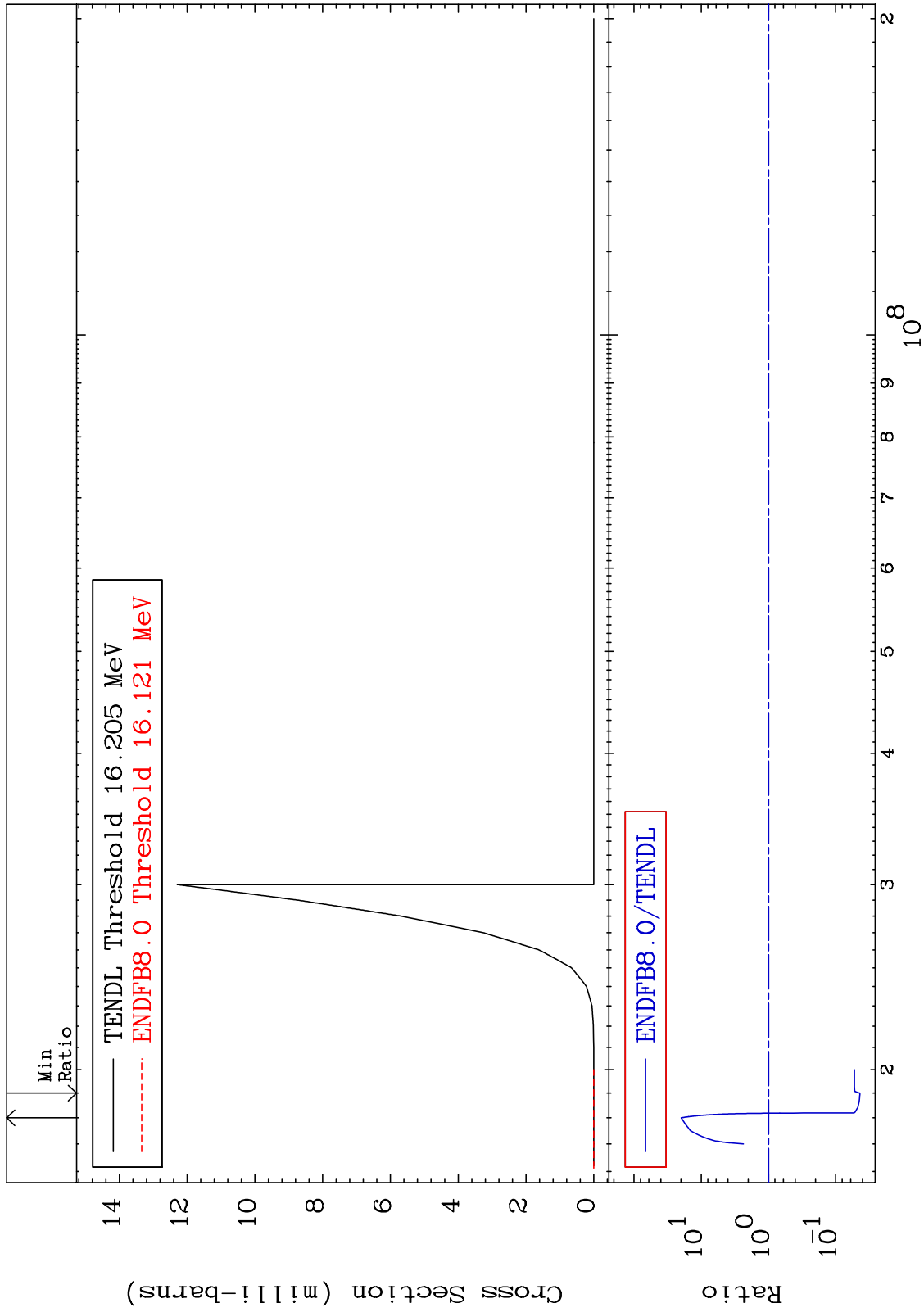
Incident Energy (eV)

8

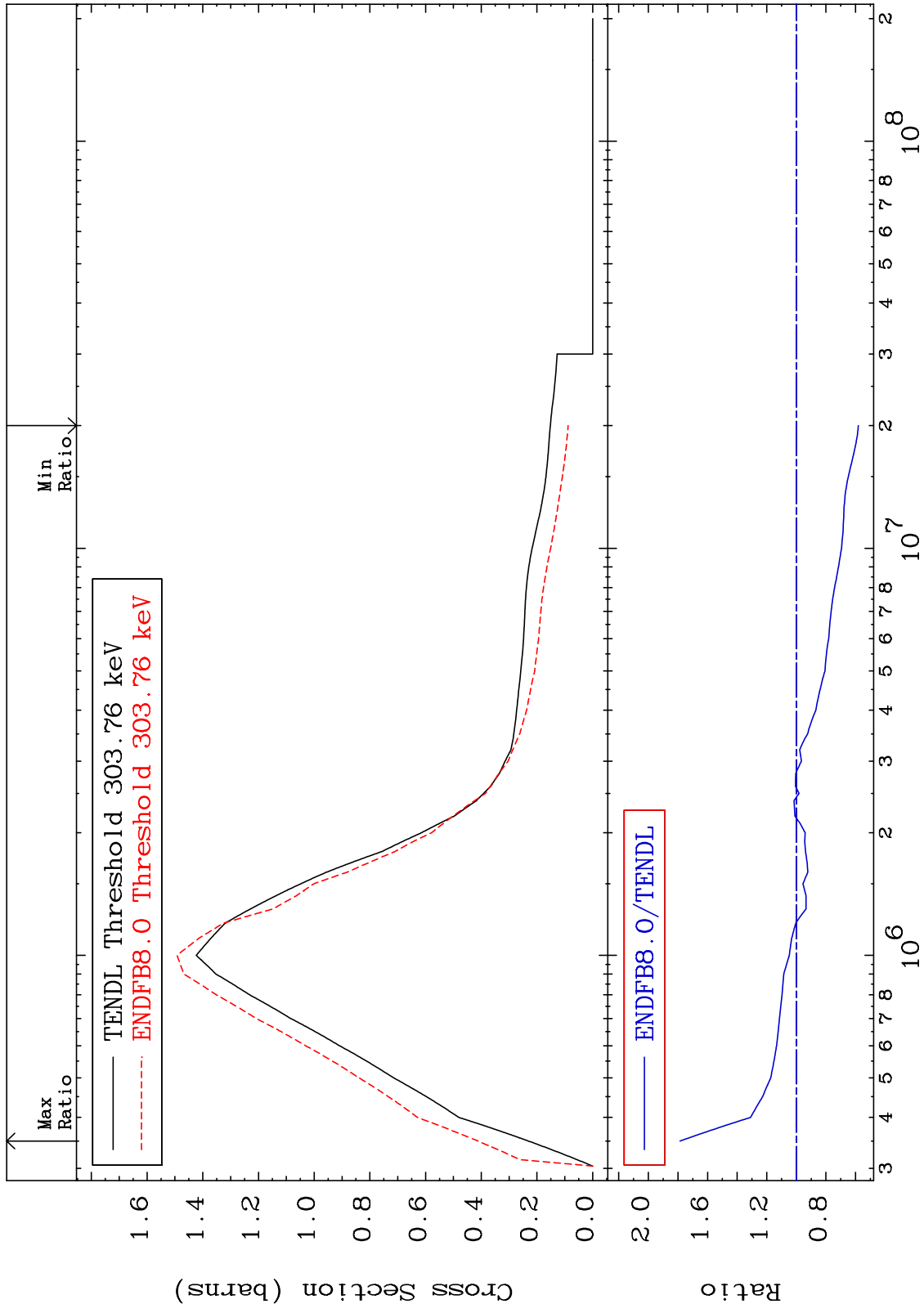
MAT 6043

(n,2n) p
Cross Section

60-Nd-148
-95.64 To 1885. %



MAT 6043 MT= 51 (n,n') Level Cross Section 60-Nd-148 -41.92 To 78.60 %

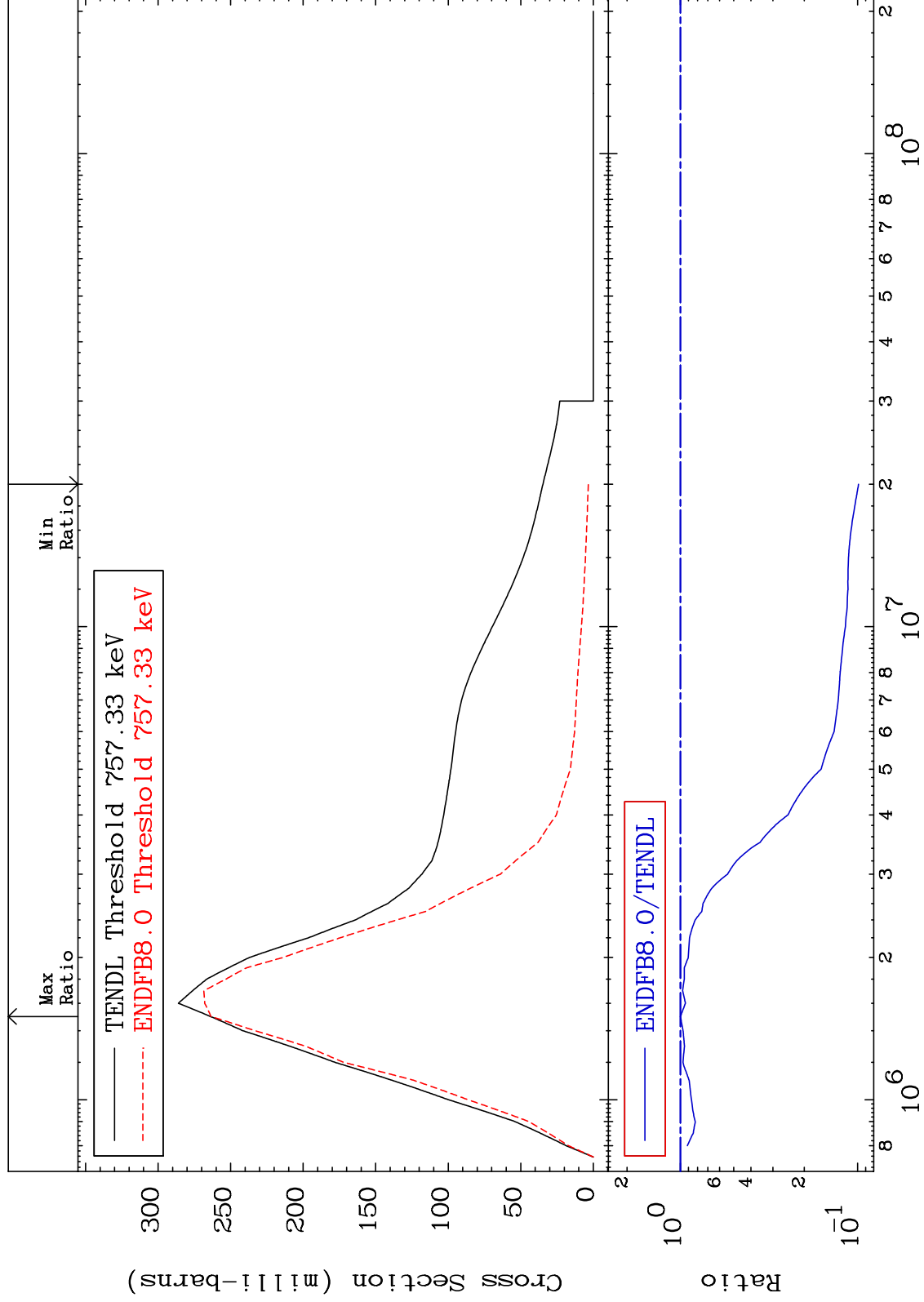


Incident Energy (eV) 60-Nd-148

MAT 6043

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

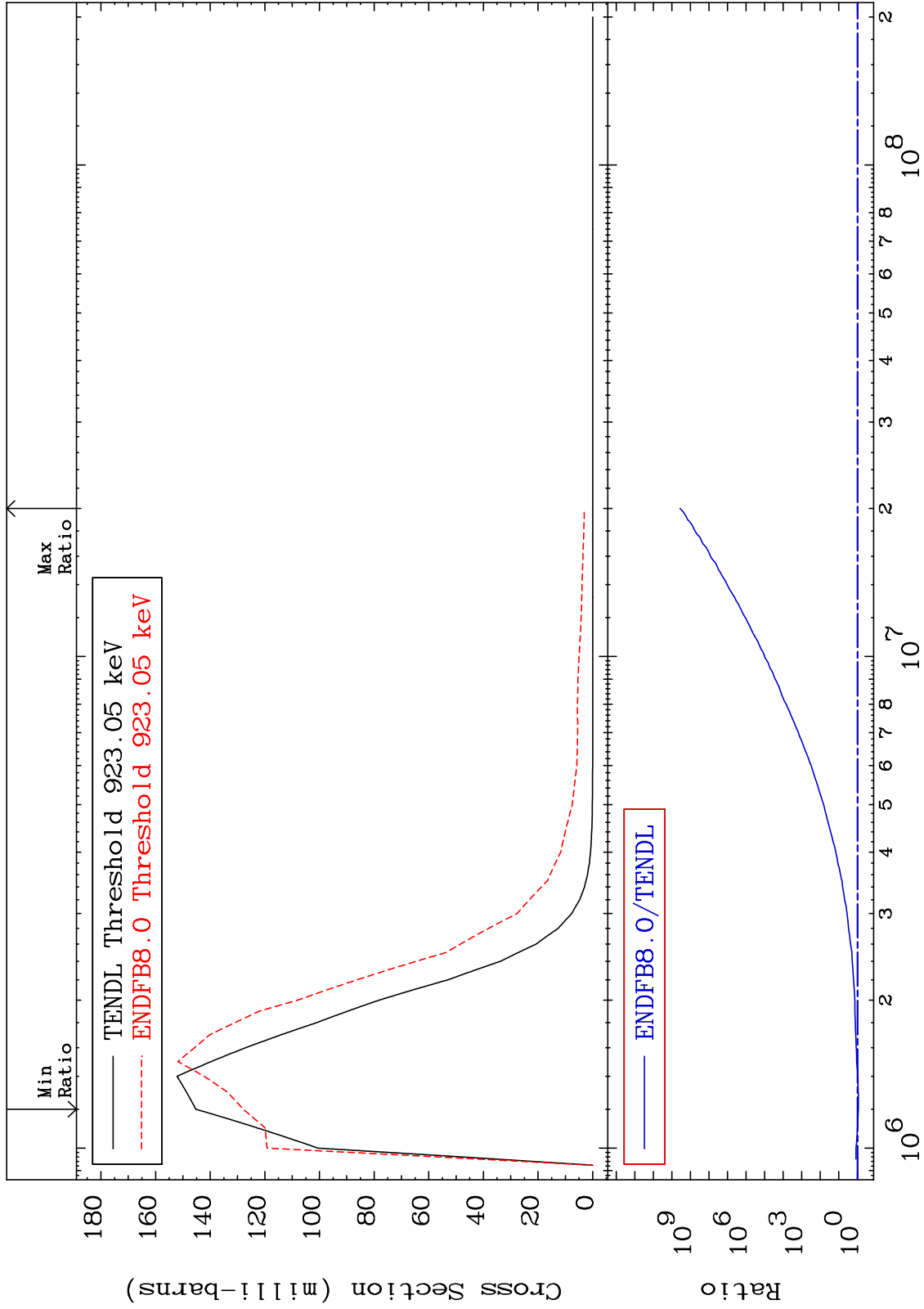
60-Nd-148
-90.12 To -0.131%



MAT 6043

MT= 53 (n, n') Level
Cross Section

60-Nd-148
-11.91 To 9999. %



12

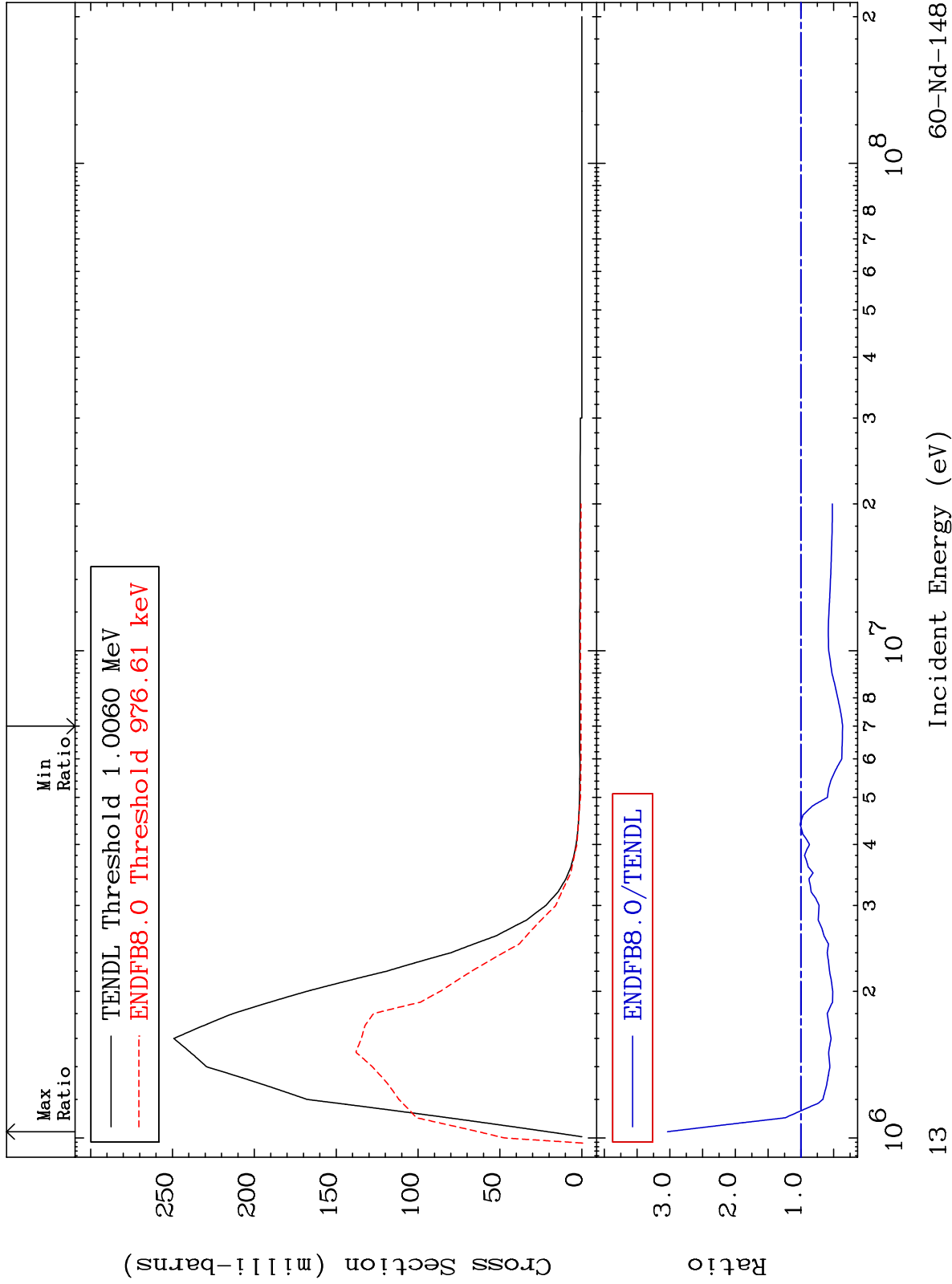
Incident Energy (eV)

60-Nd-148

MAT 6043

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

60-Nd-148
-63.74 To 203.6 %



Incident Energy (eV)

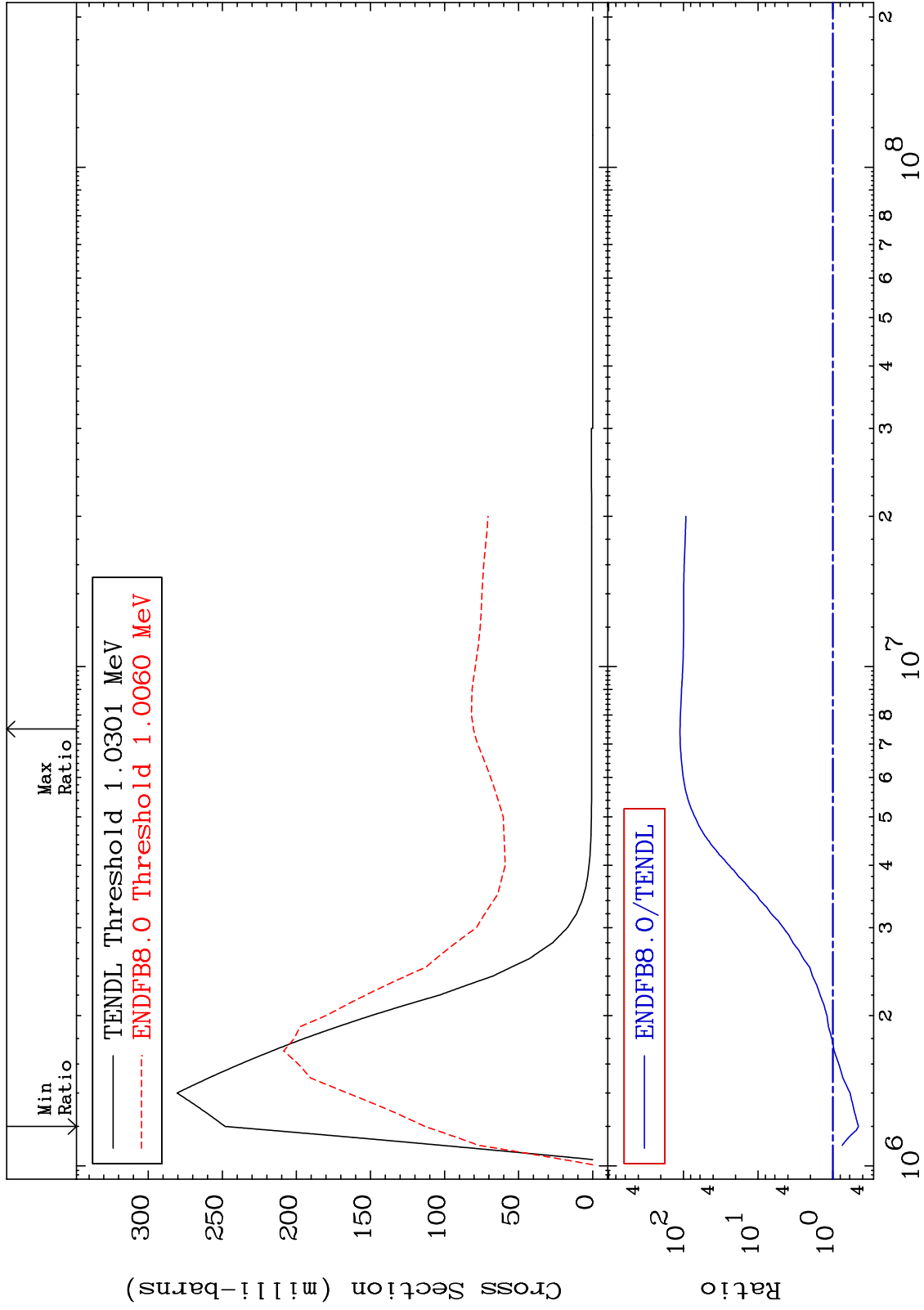
60-Nd-148

13

MAT 6043

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

60-Nd-148
-54.35 To 9999. %



14

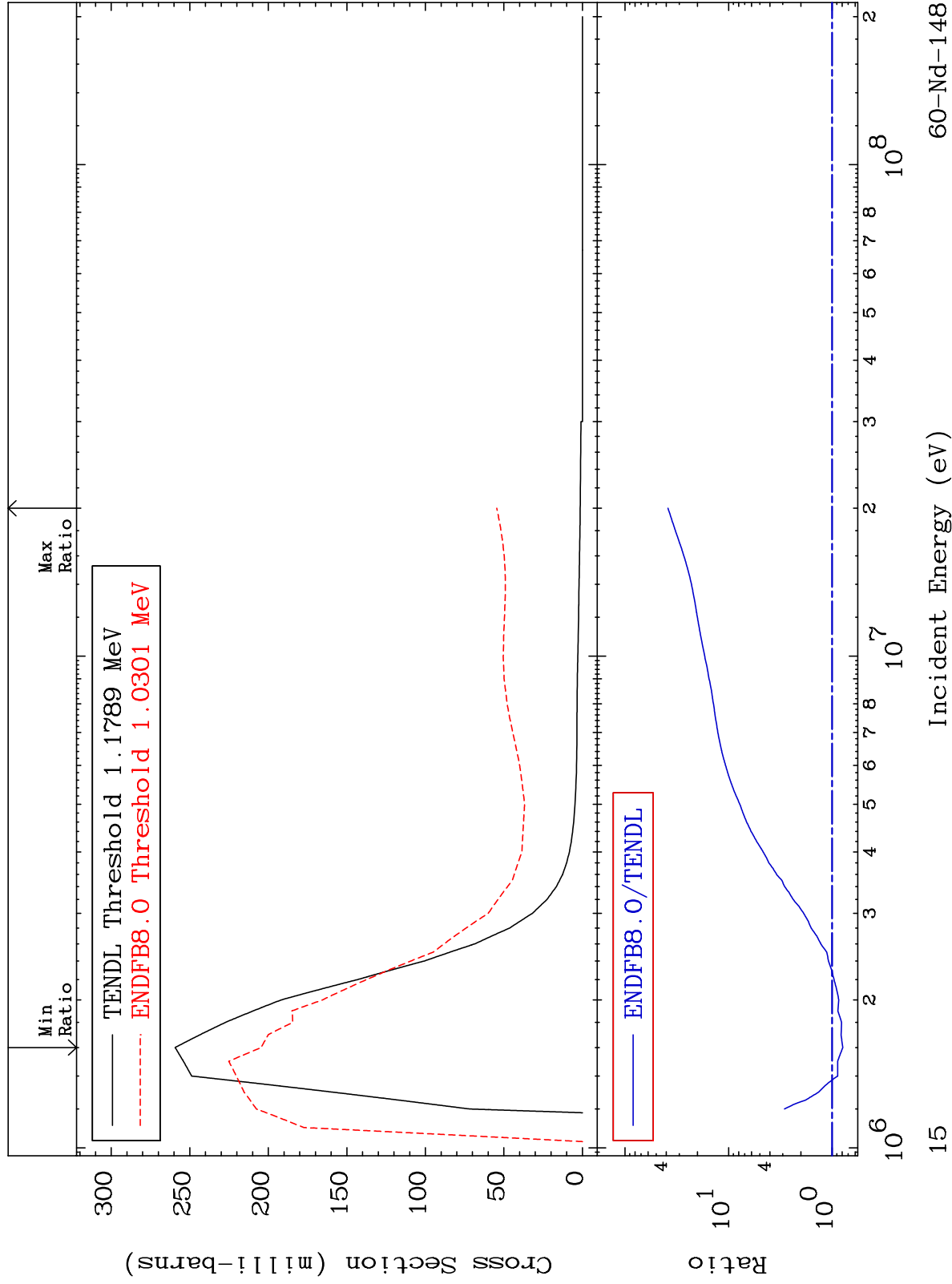
Incident Energy (eV)

60-Nd-148

MAT 6043

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

60-Nd-148
-21.12 To 3747. %

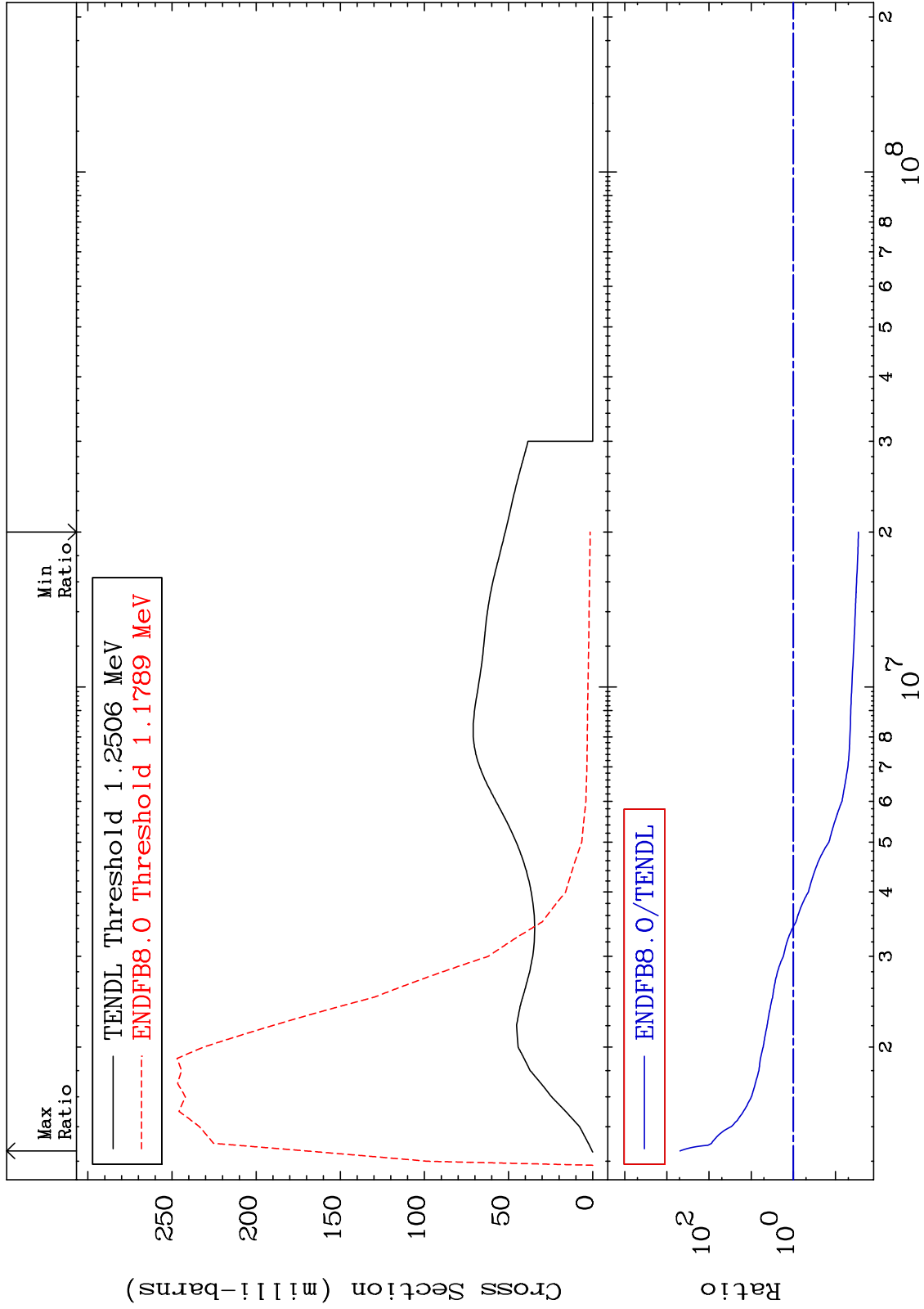


60-Nd-148

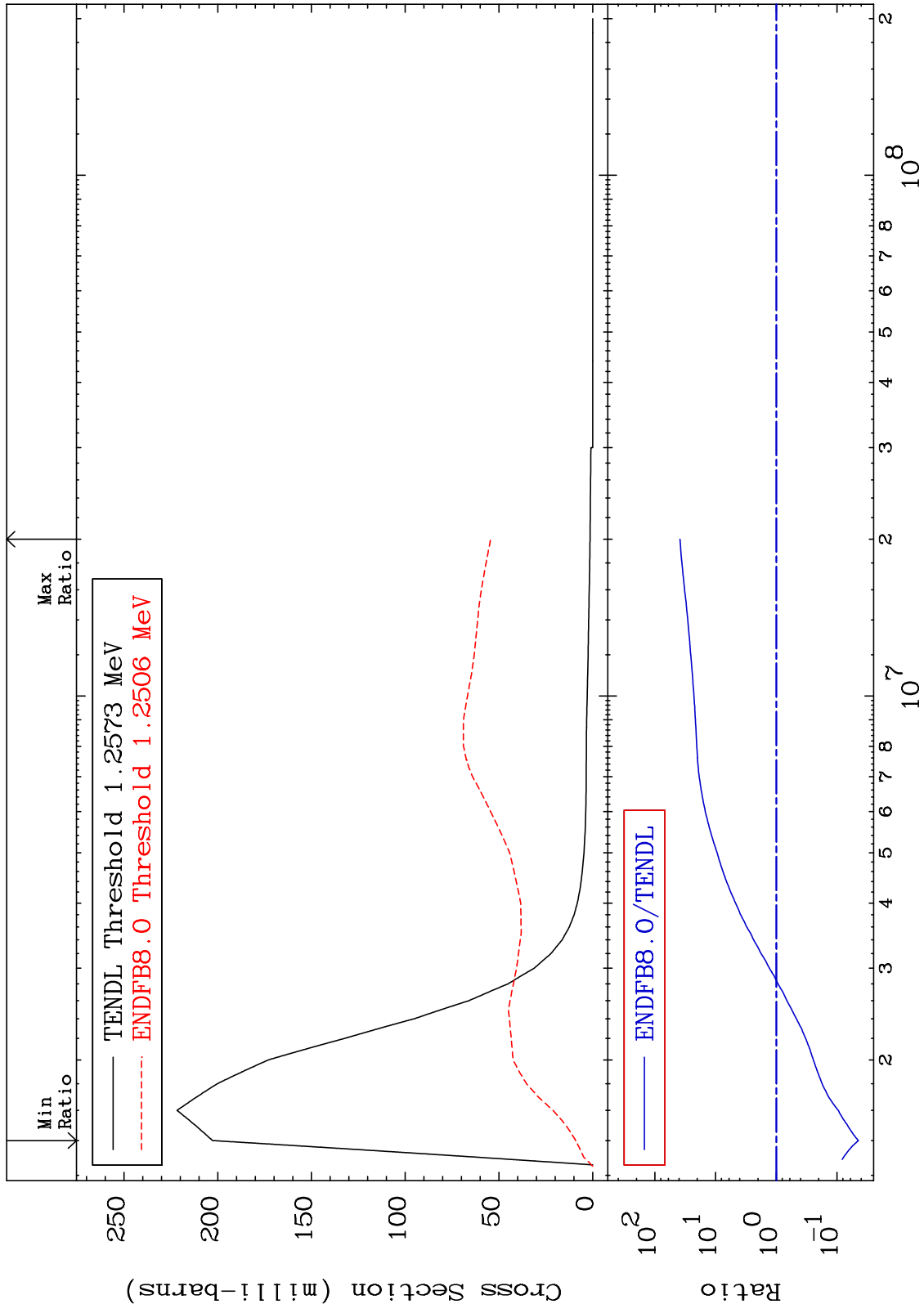
MAT 6043

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

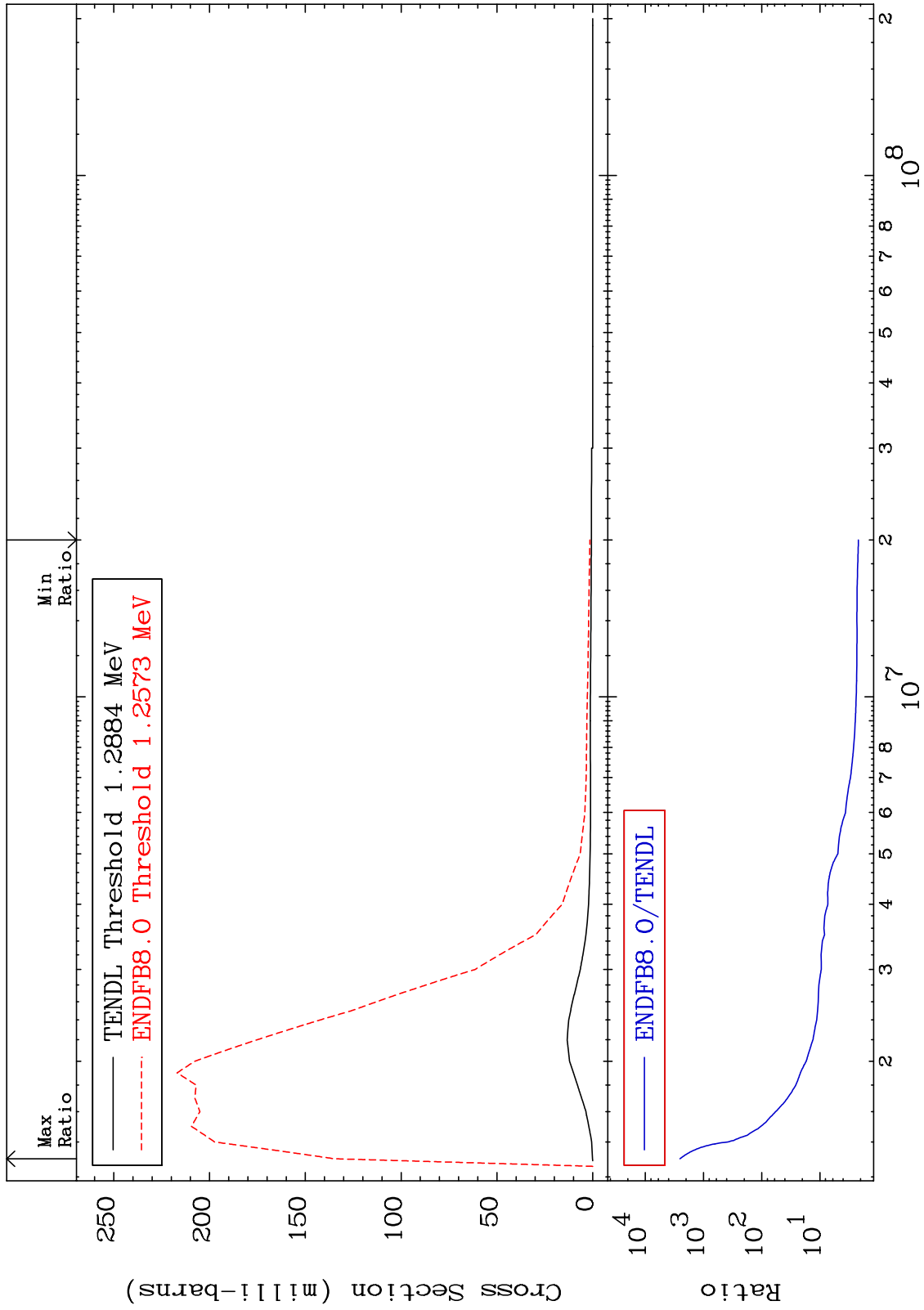
60-Nd-148
-97.13 To 9999. %



MAT 6043 MT= 58 (n, n') Level Cross Section 60-Nd-148
 -95.55 To 3746. %



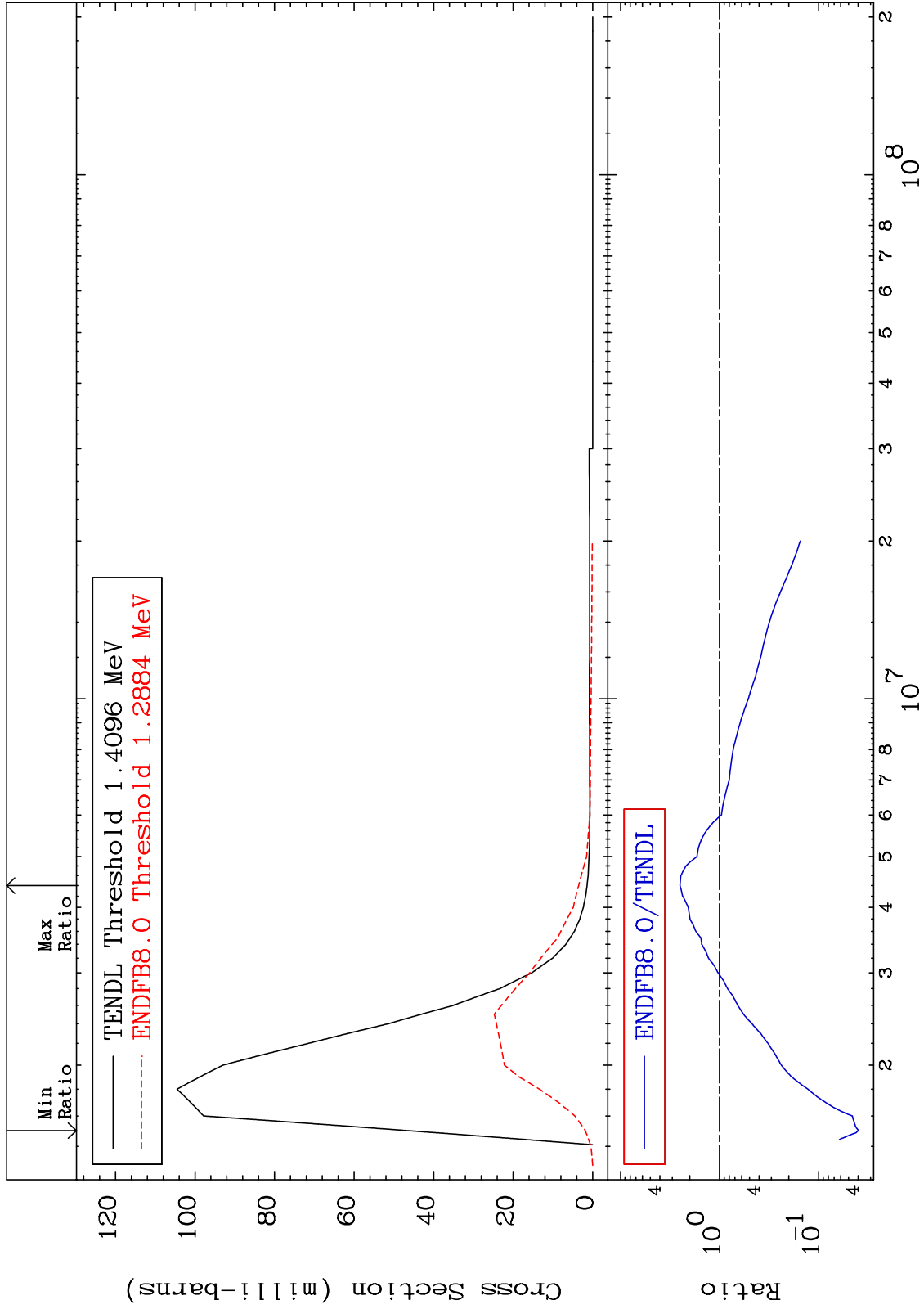
MAT 6043 MT= 59 (n, n') Level Cross Section 60-Nd-148
 117.6 To 9999. %



MAT 6043

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

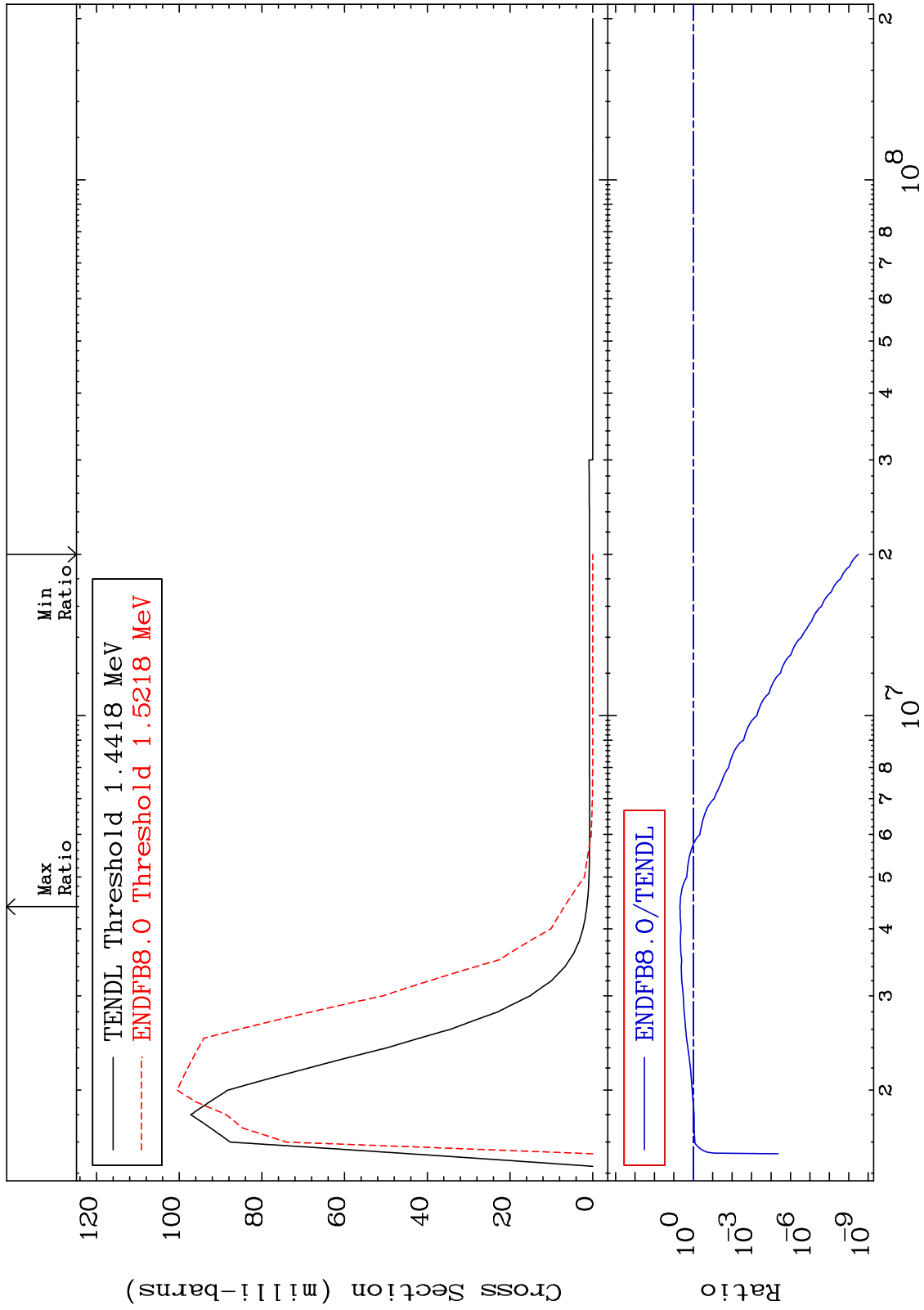
60-Nd-148
-96.03 To 151.0 %



MAT 6043

MT= 61 (n,n') Level
Cross Section

60-Nd-148
-100.0 To 385.5 %



20

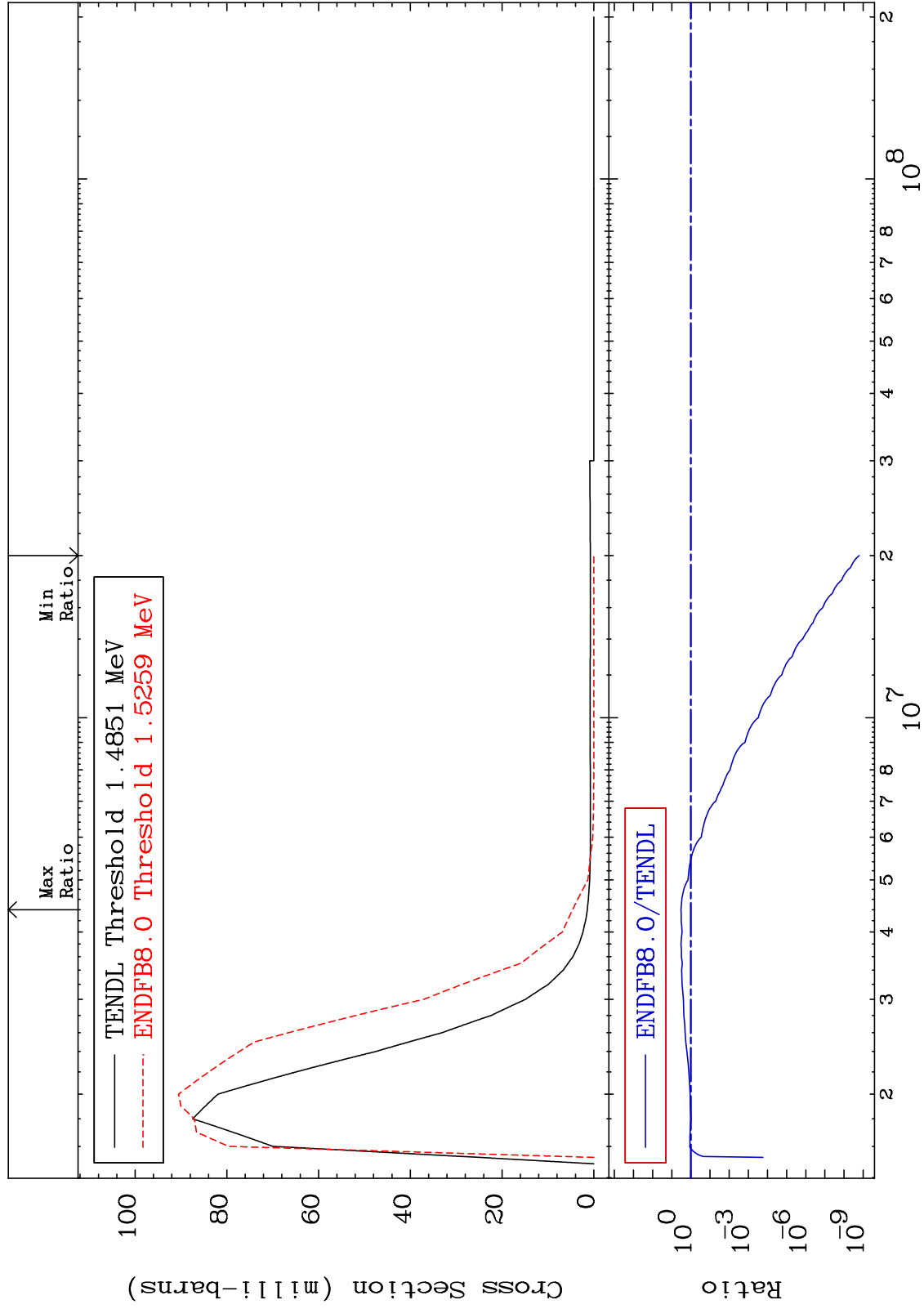
Incident Energy (eV)

60-Nd-148

MAT 6043

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

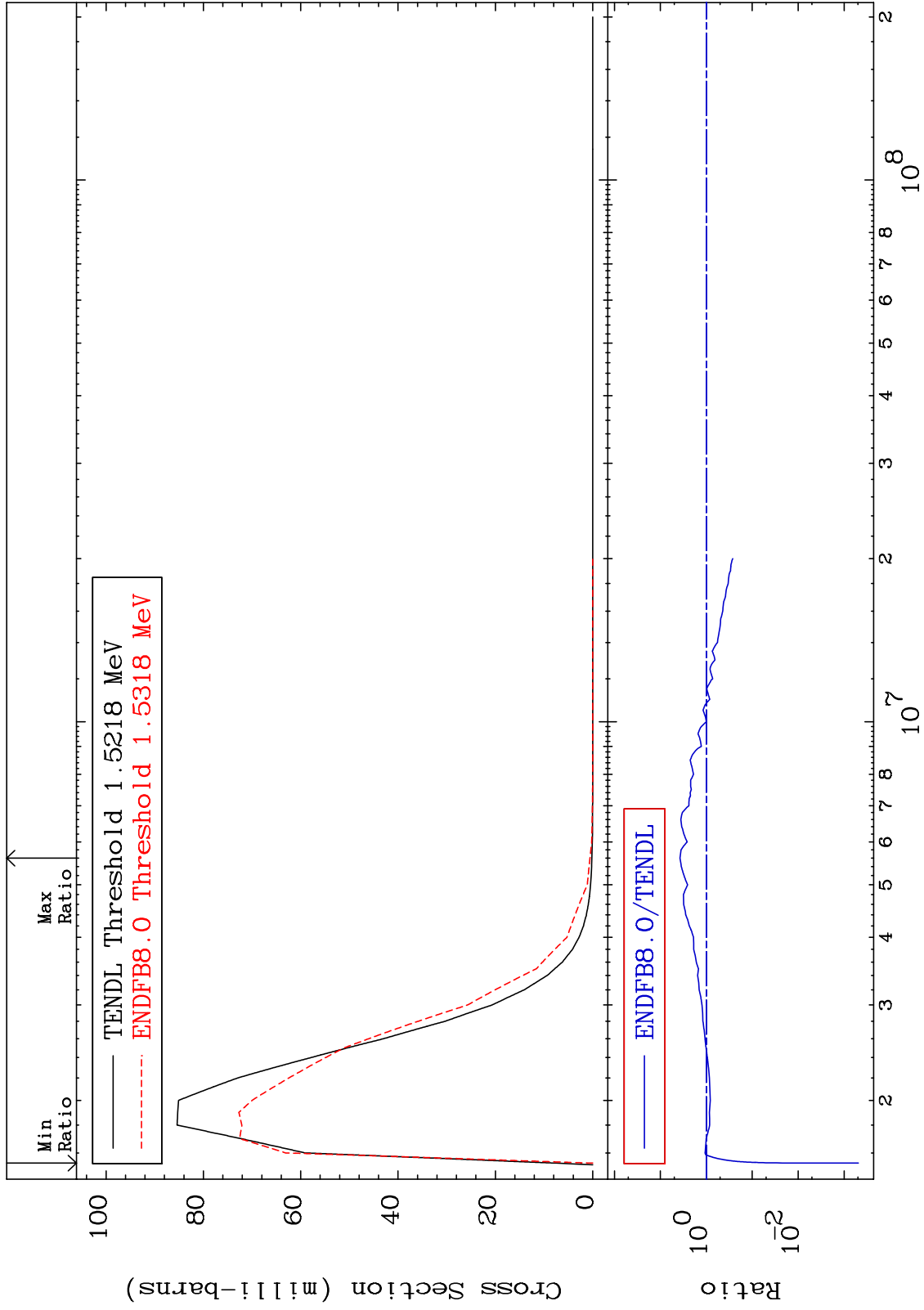
60-Nd-148
-100.0 To 226.5 %



MAT 6043

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

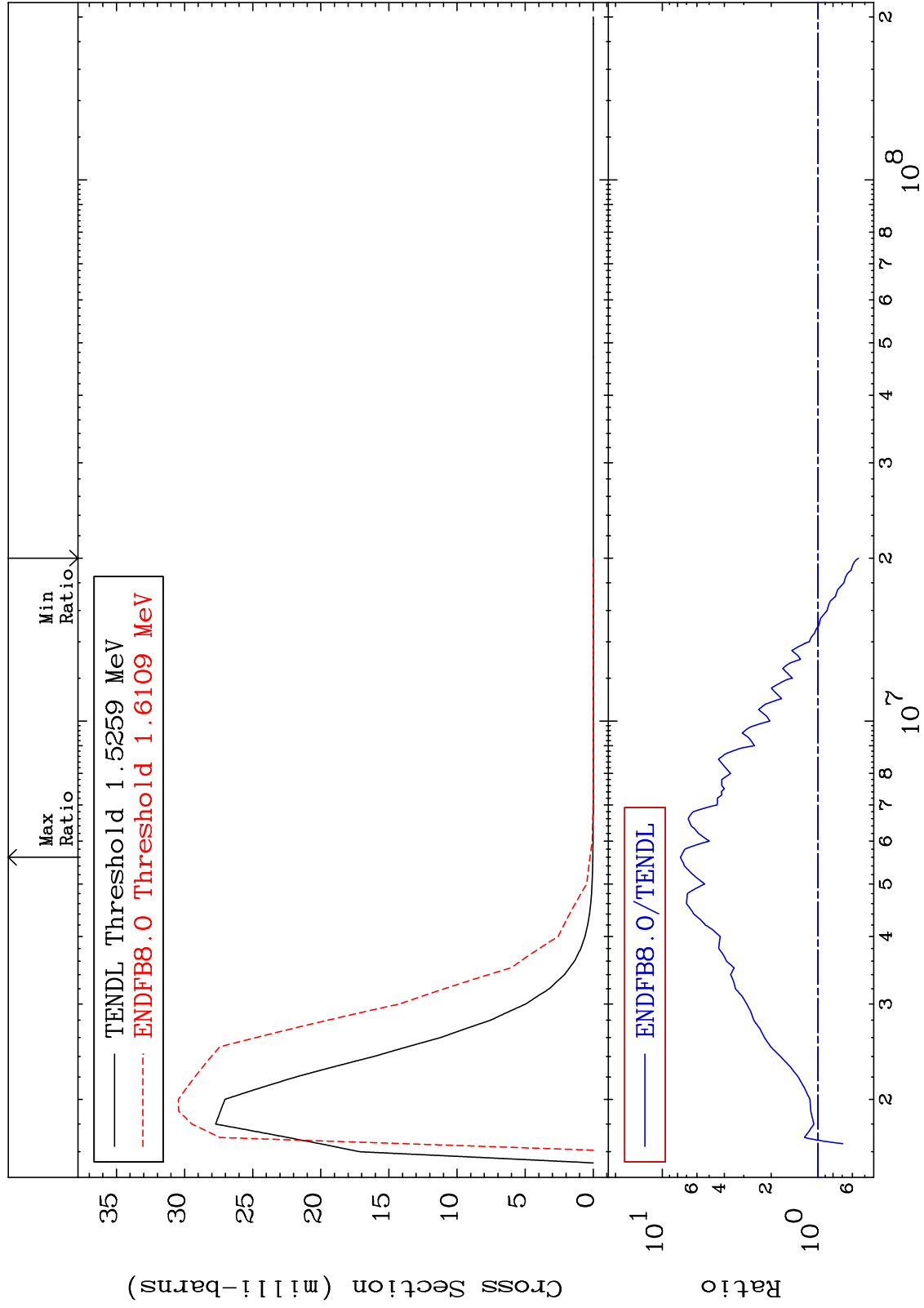
60-Nd-148
-99.95 To 273.4 %



MAT 6043

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

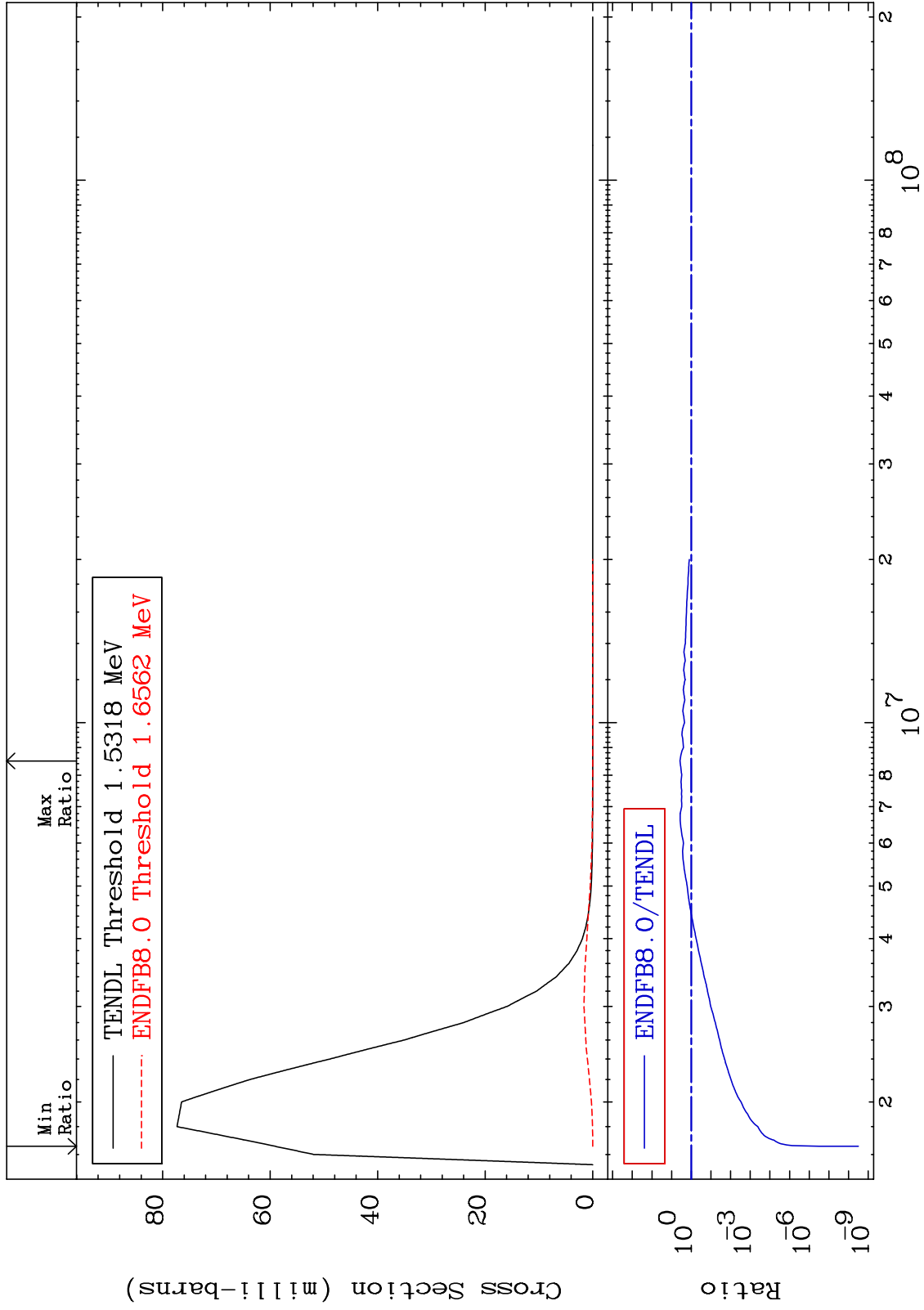
60-Nd-148
-45.13 To 665.4 %



MAT 6043

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

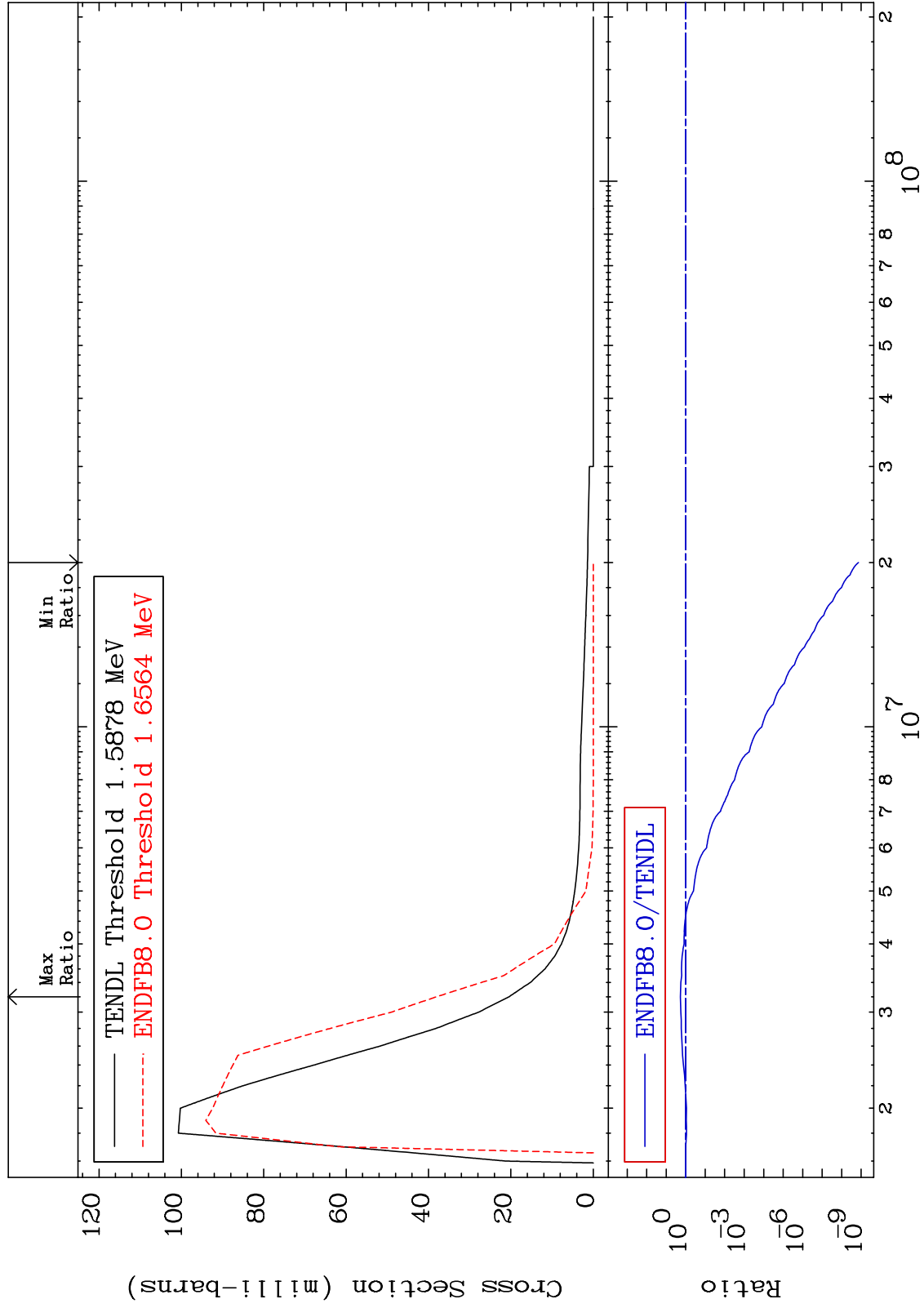
60-Nd-148
-100.0 To 272.8 %



MAT 6043

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

60-Nd-148
-100.0 To 85.94 %



25

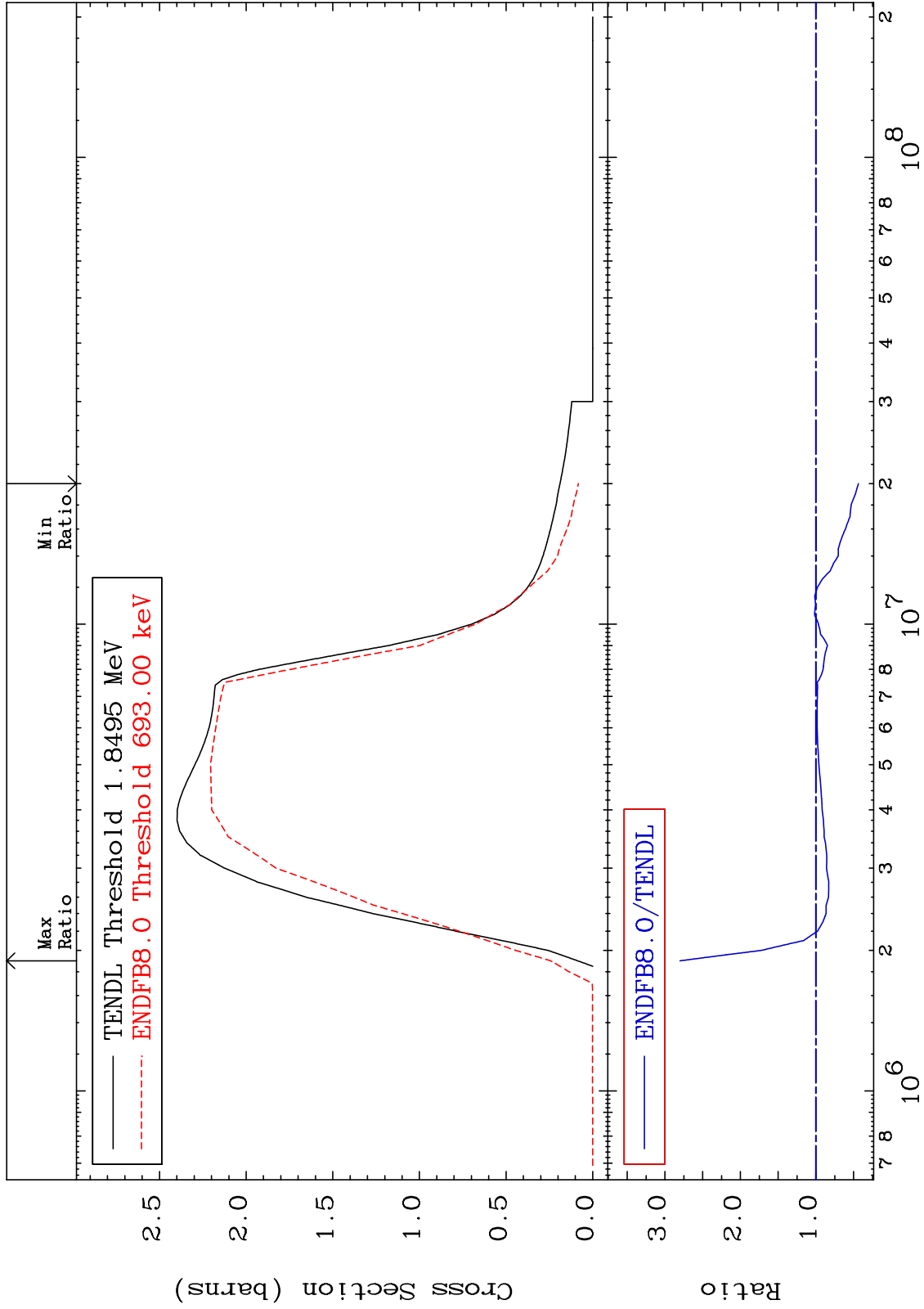
Incident Energy (eV)

60-Nd-148

MAT 6043

(n, n') Continuum
Cross Section

60-Nd-148
-56.33 To 180.0 %



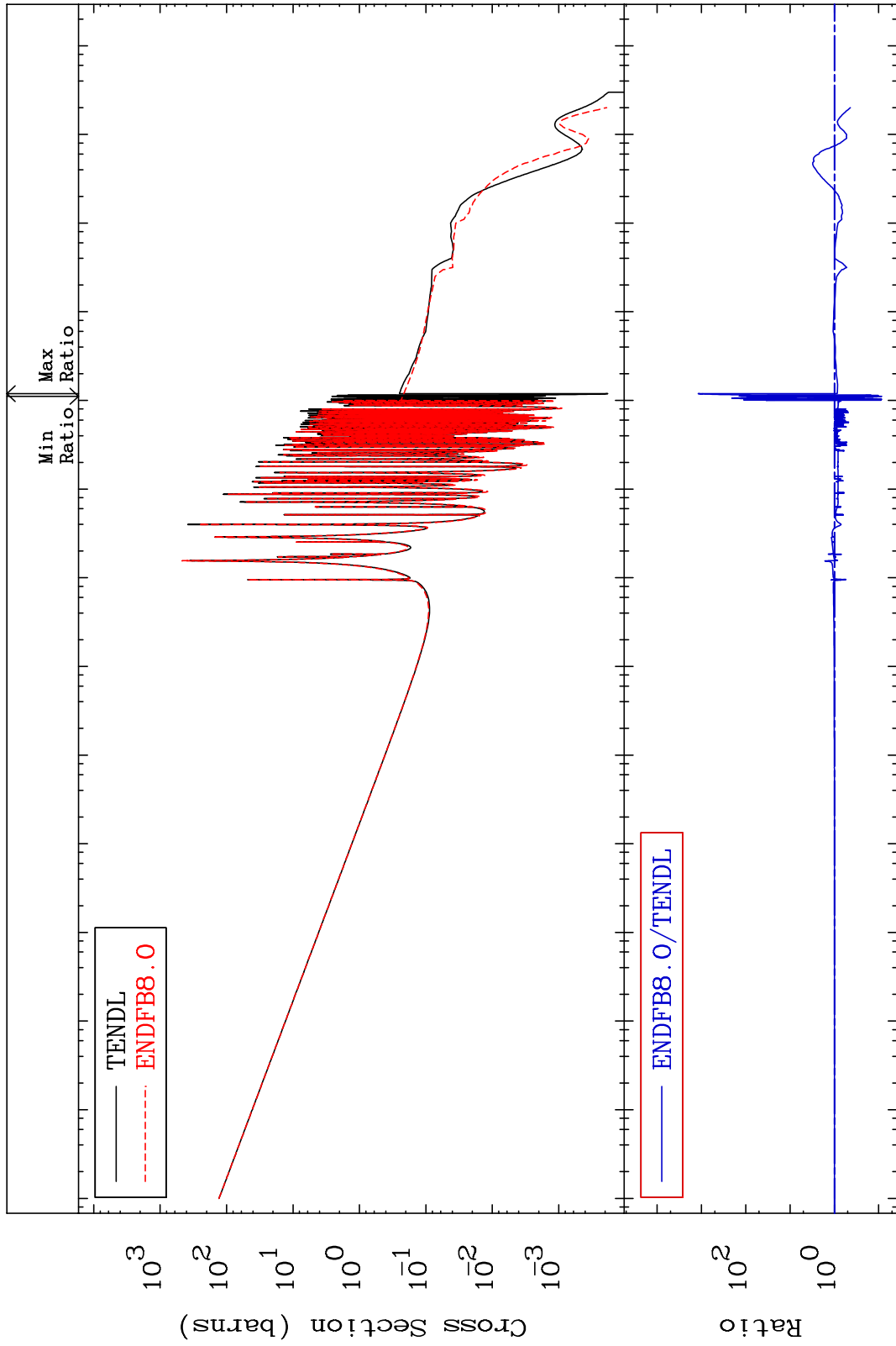
MAT 6043

(n, γ)

60-Nd-148

Cross Section

-91.38 To 9999. %



Incident Energy (eV) 60-Nd-148

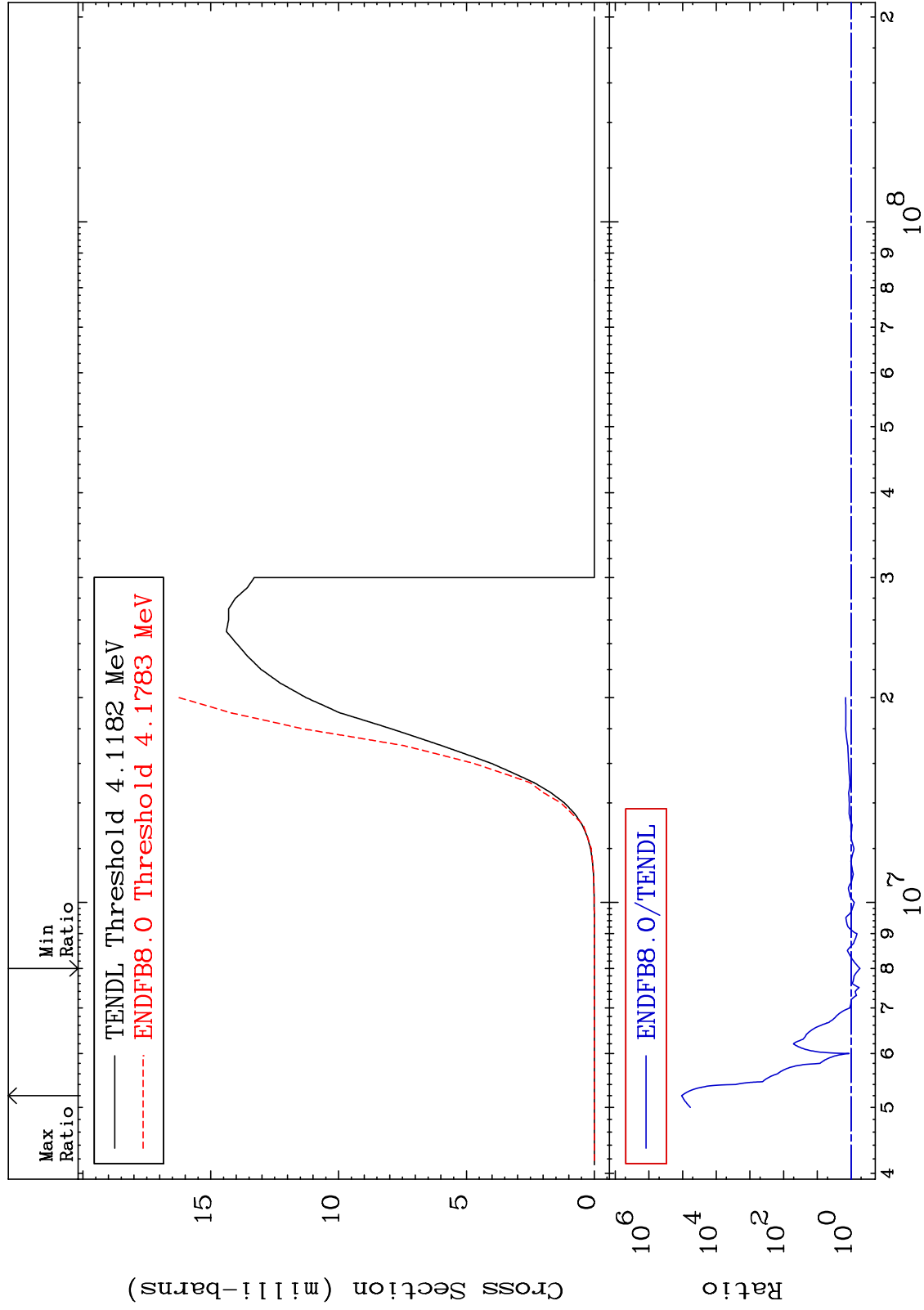
MAT 6043

(n,p)

60-Nd-148

Cross Section

-46.15 To 9999. %



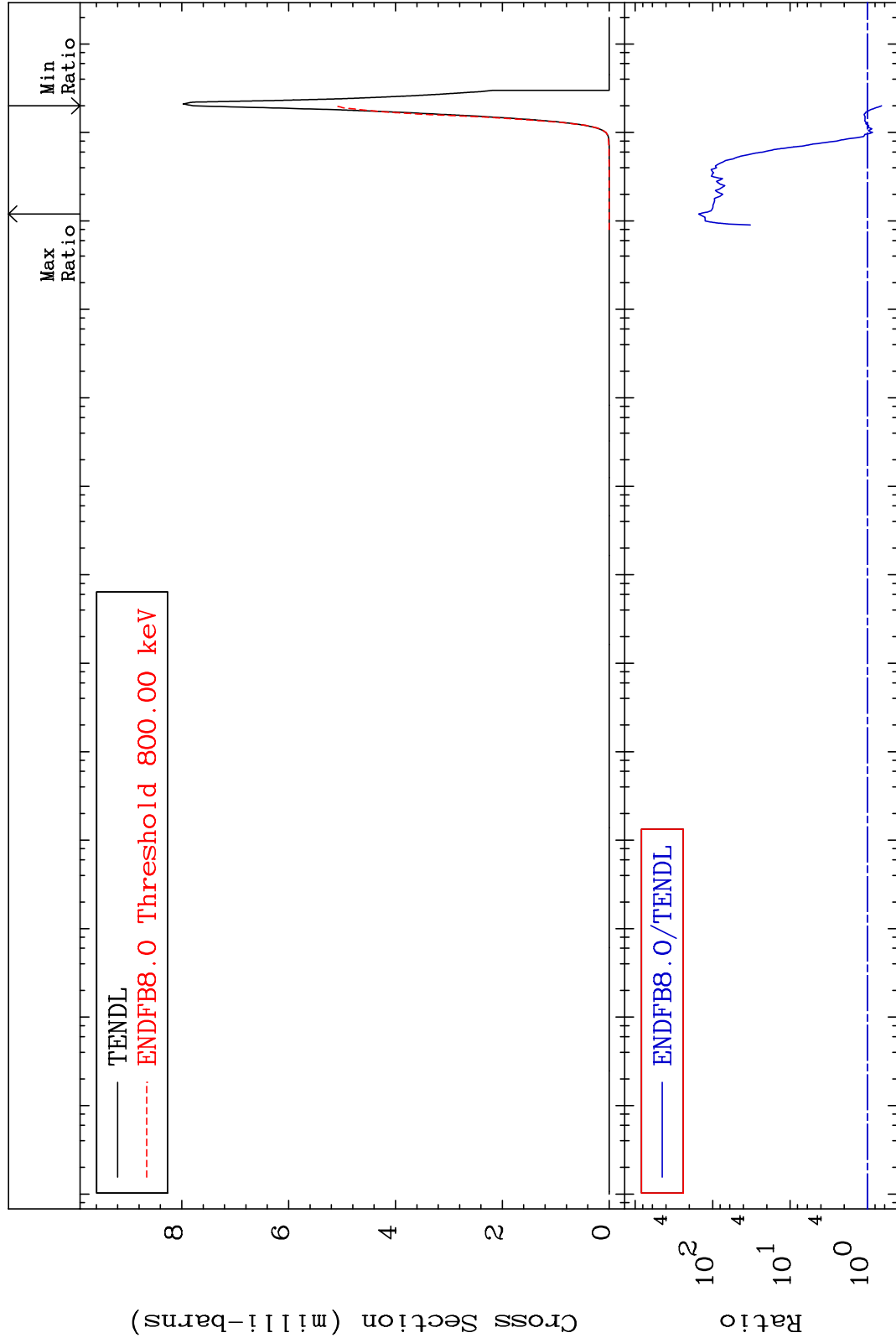
MAT 6043

(n, α)

60-Nd-148

Cross Section

-34.29 To 9999. %



29

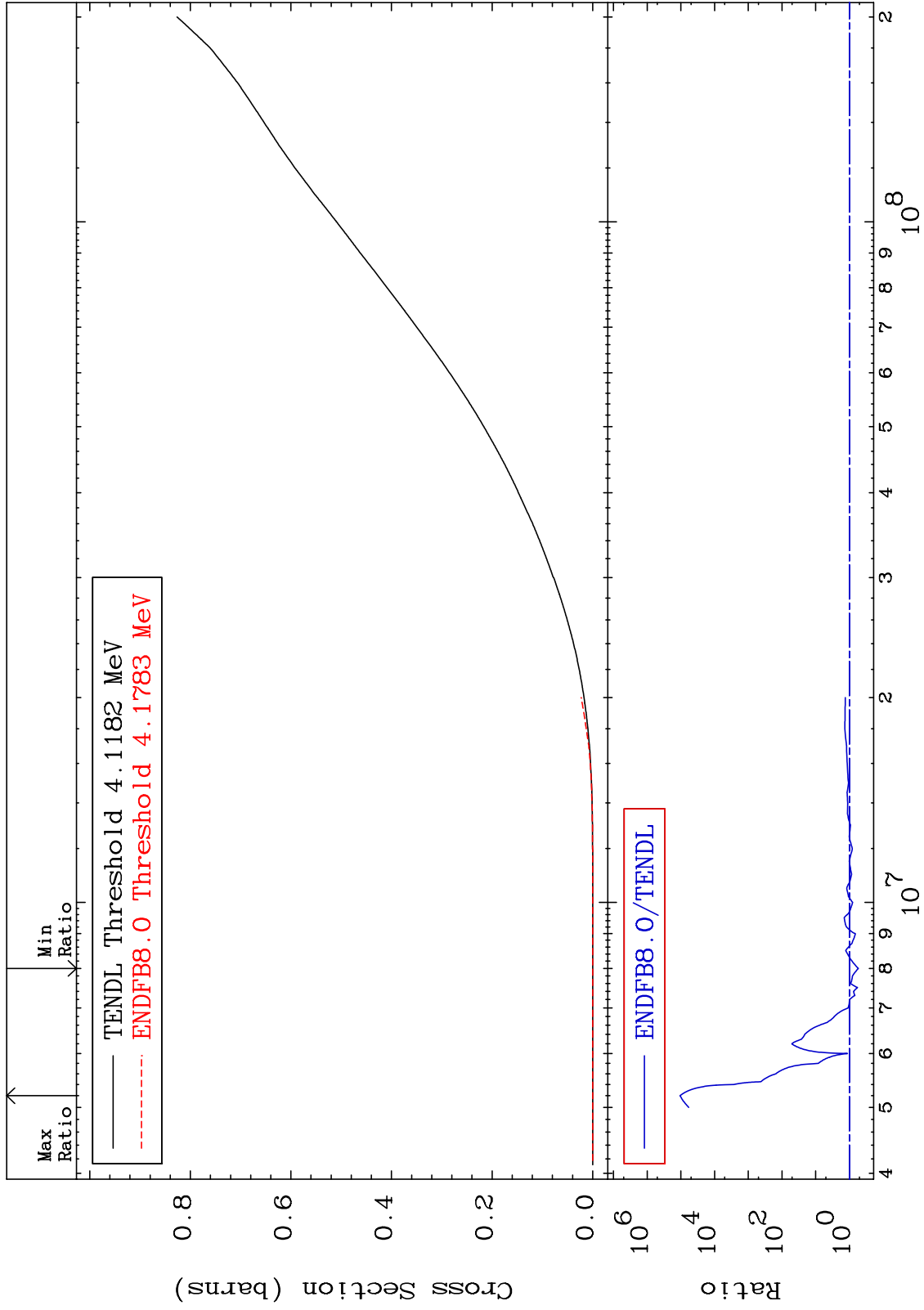
60-Nd-148

60-Nd-148

MAT 6043

Hydrogen Production
Cross Section

60-Nd-148
-46.15 To 9999. %



30

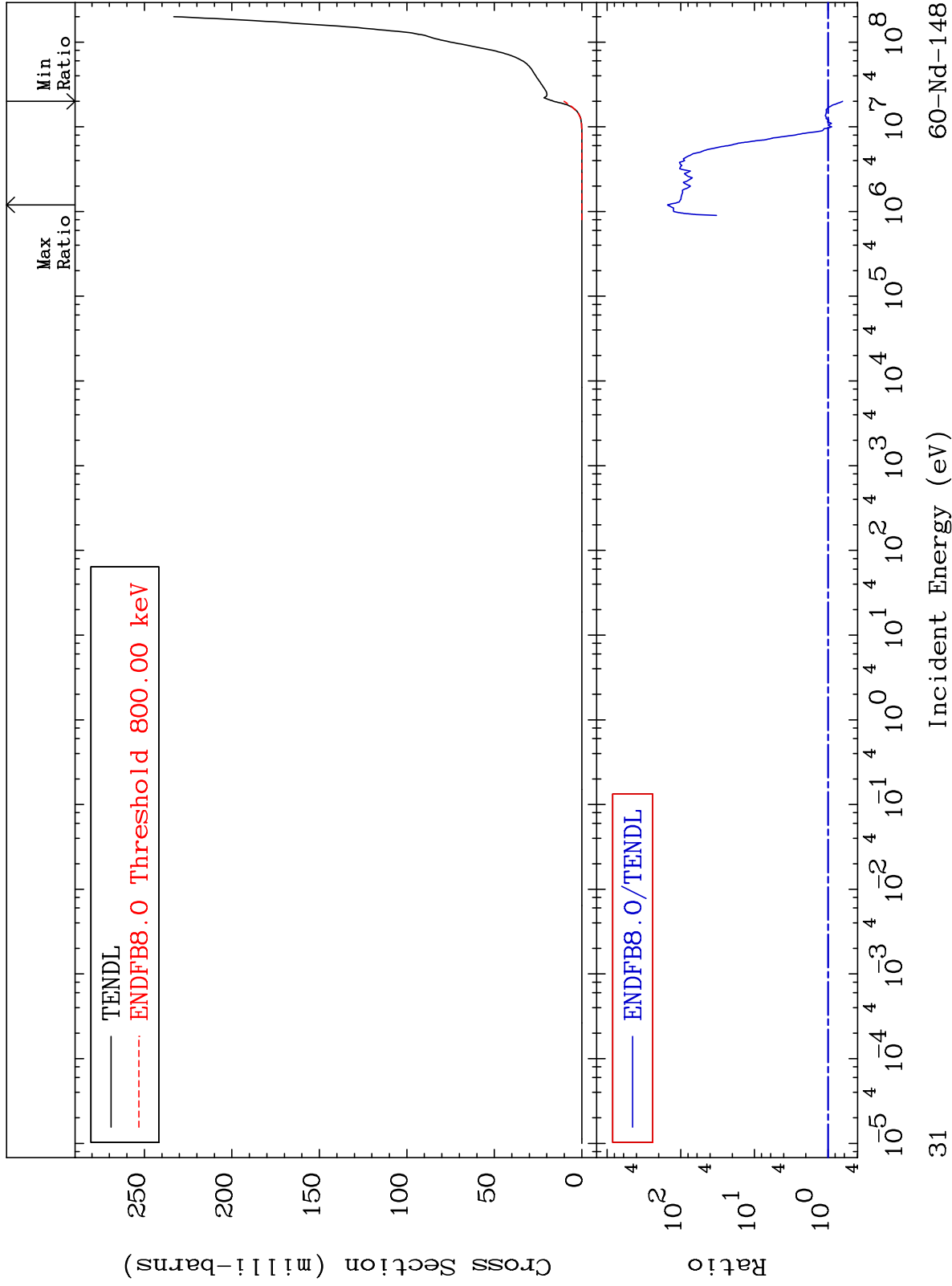
Incident Energy (eV)

60-Nd-148

MAT 6043

He-4 Production
Cross Section

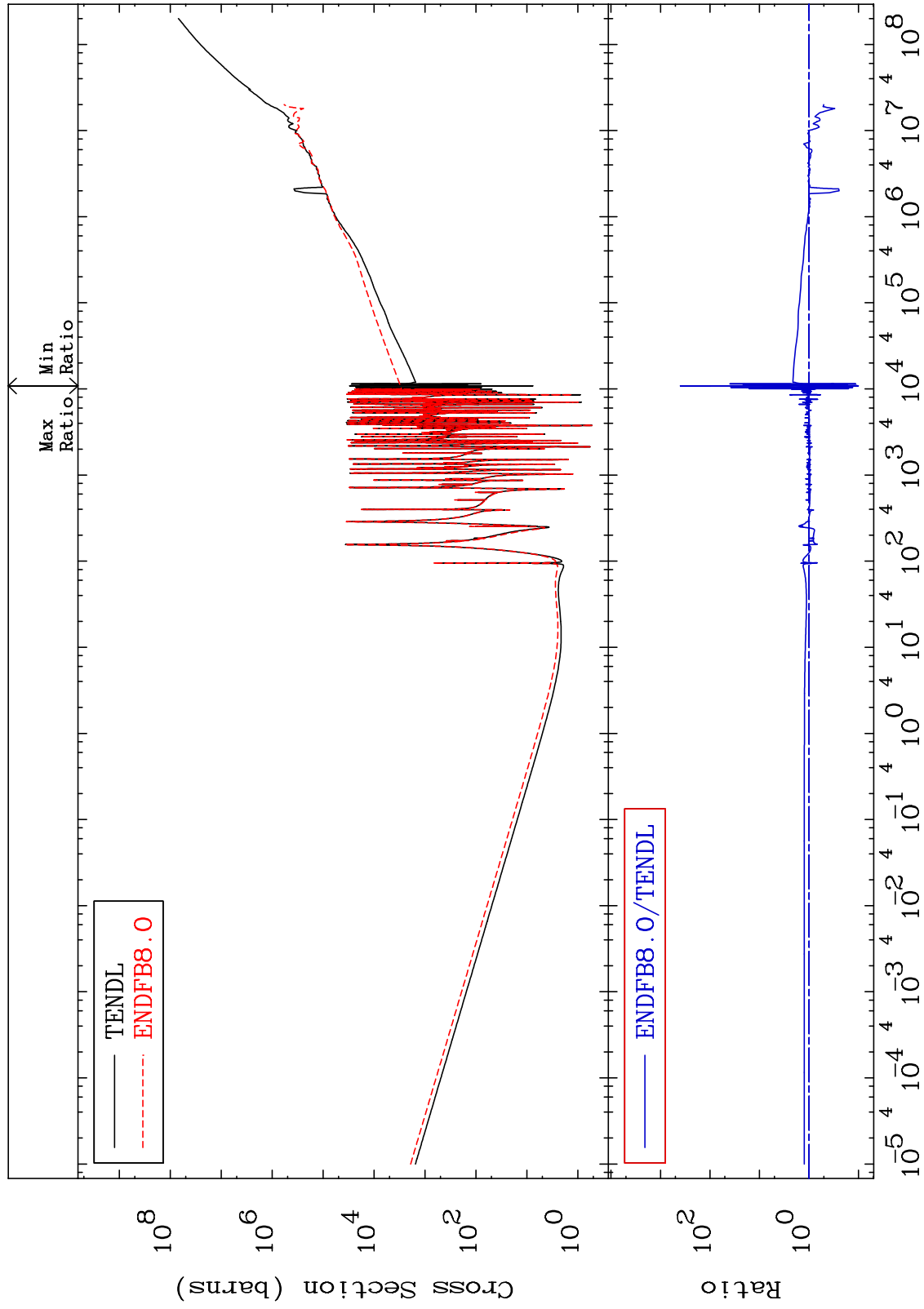
60-Nd-148
-36.76 To 9999. %



MAT 6043

Kerma total (eV-barns)
Cross Section

60-Nd-148
-90.02 To 9999. %



32

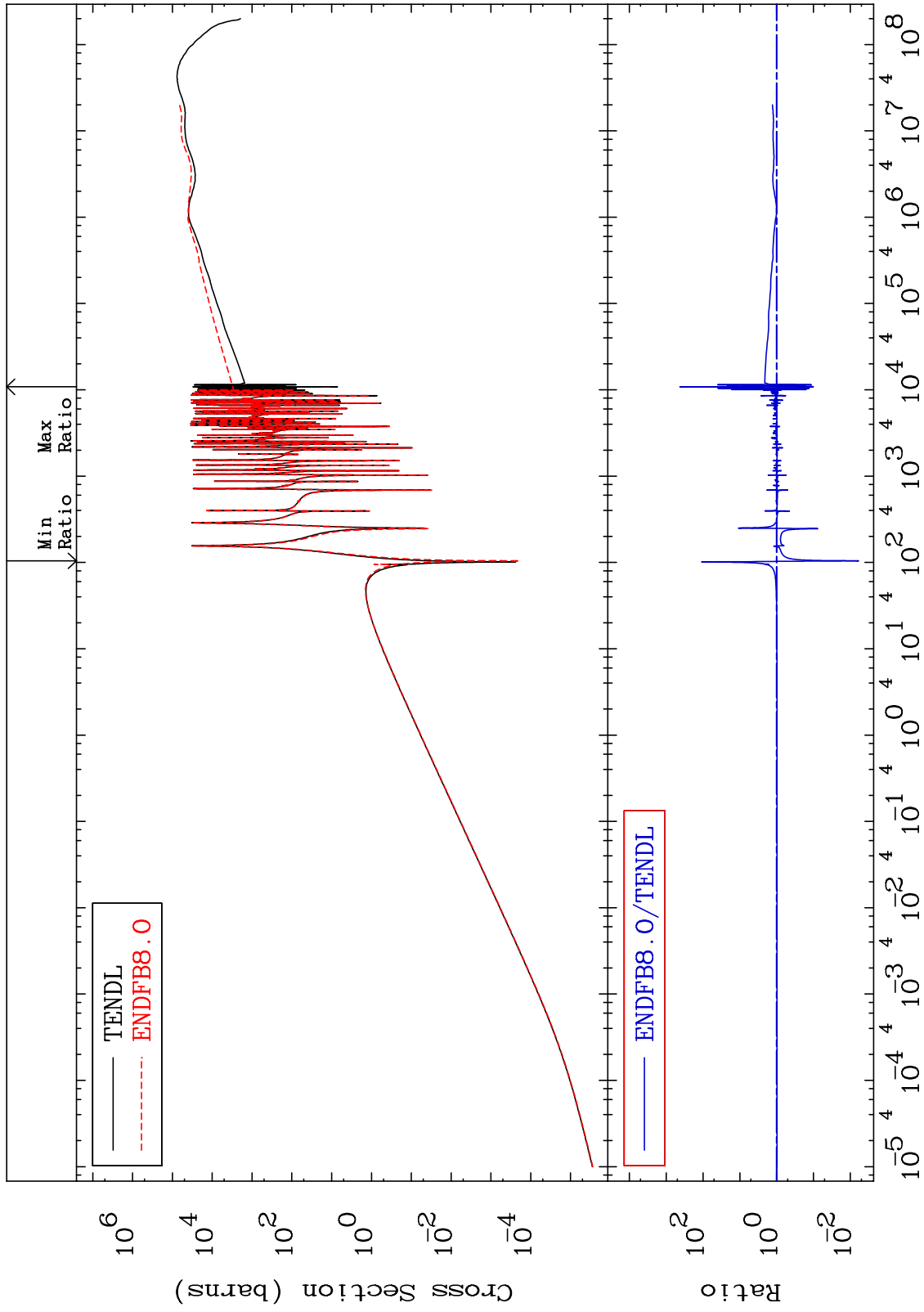
Incident Energy (eV)

60-Nd-148

MAT 6043

Kerma elastic
Cross Section

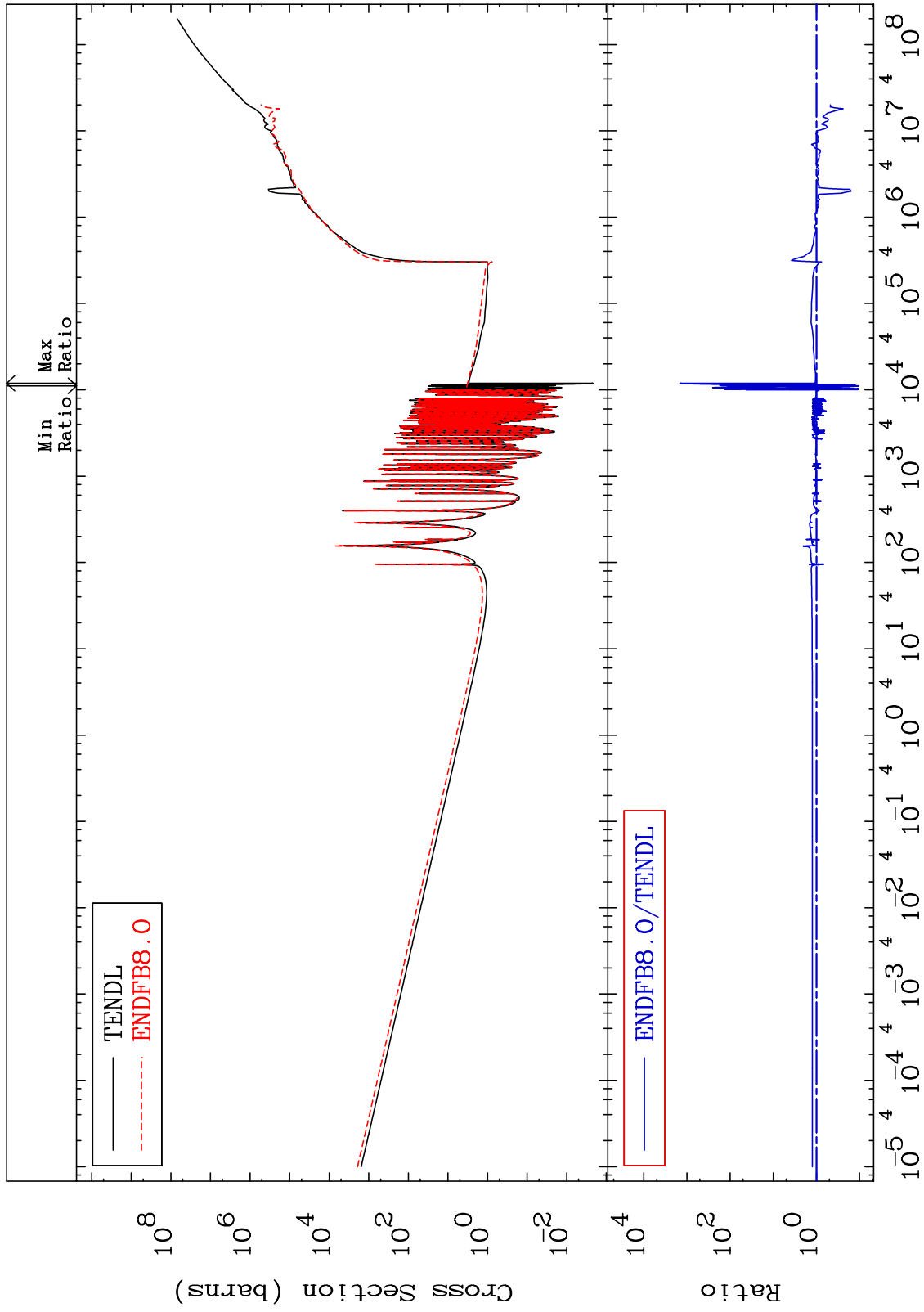
60-Nd-148
-99.40 To 9999. %



MAT 6043

Kerma non-elastic (all but mt2)
Cross Section

60-Nd-148
-89.38 To 9999. %



34

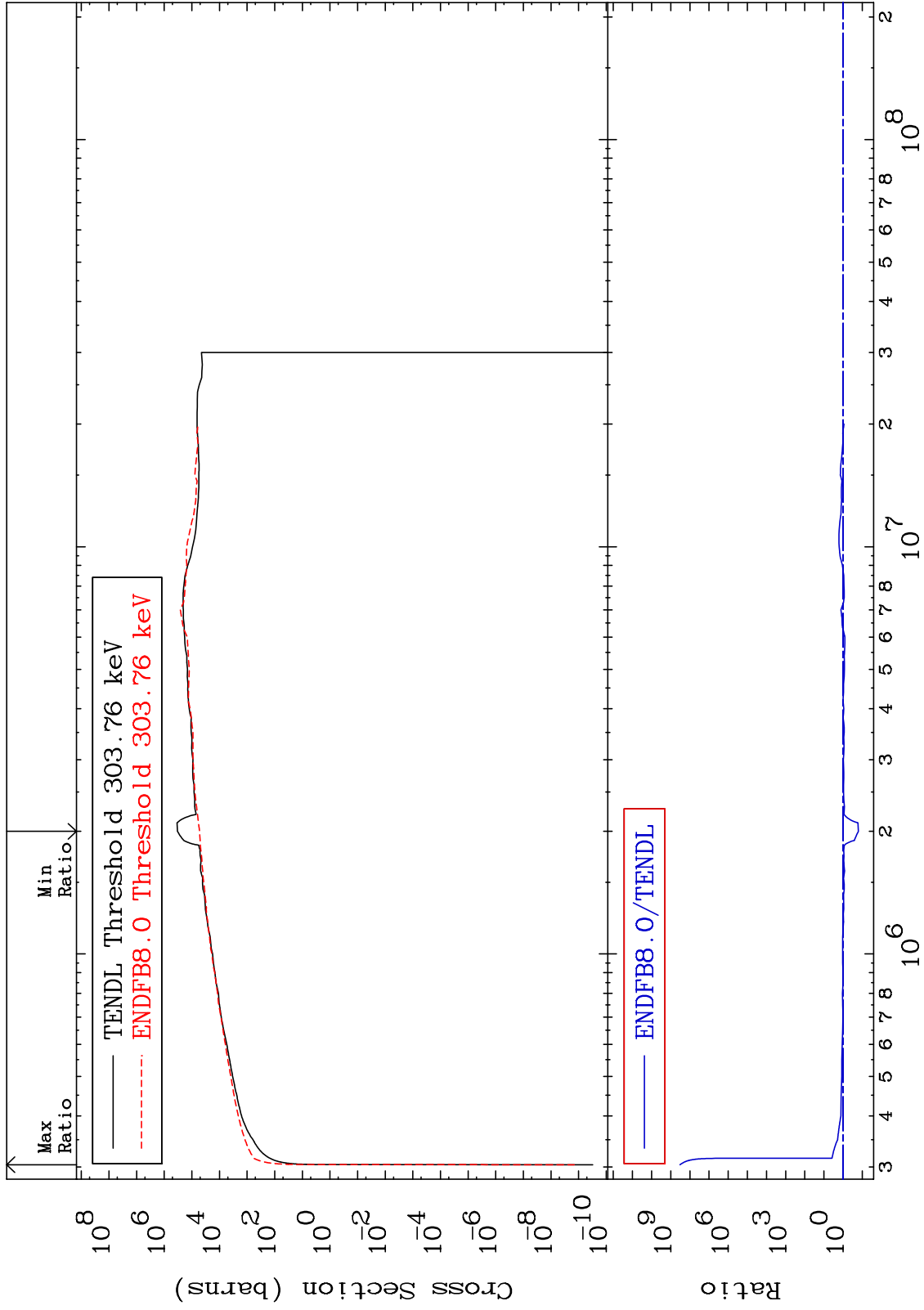
Incident Energy (eV)

60-Nd-148

MAT 6043

Kerma inelastic (mt51-91)
Cross Section

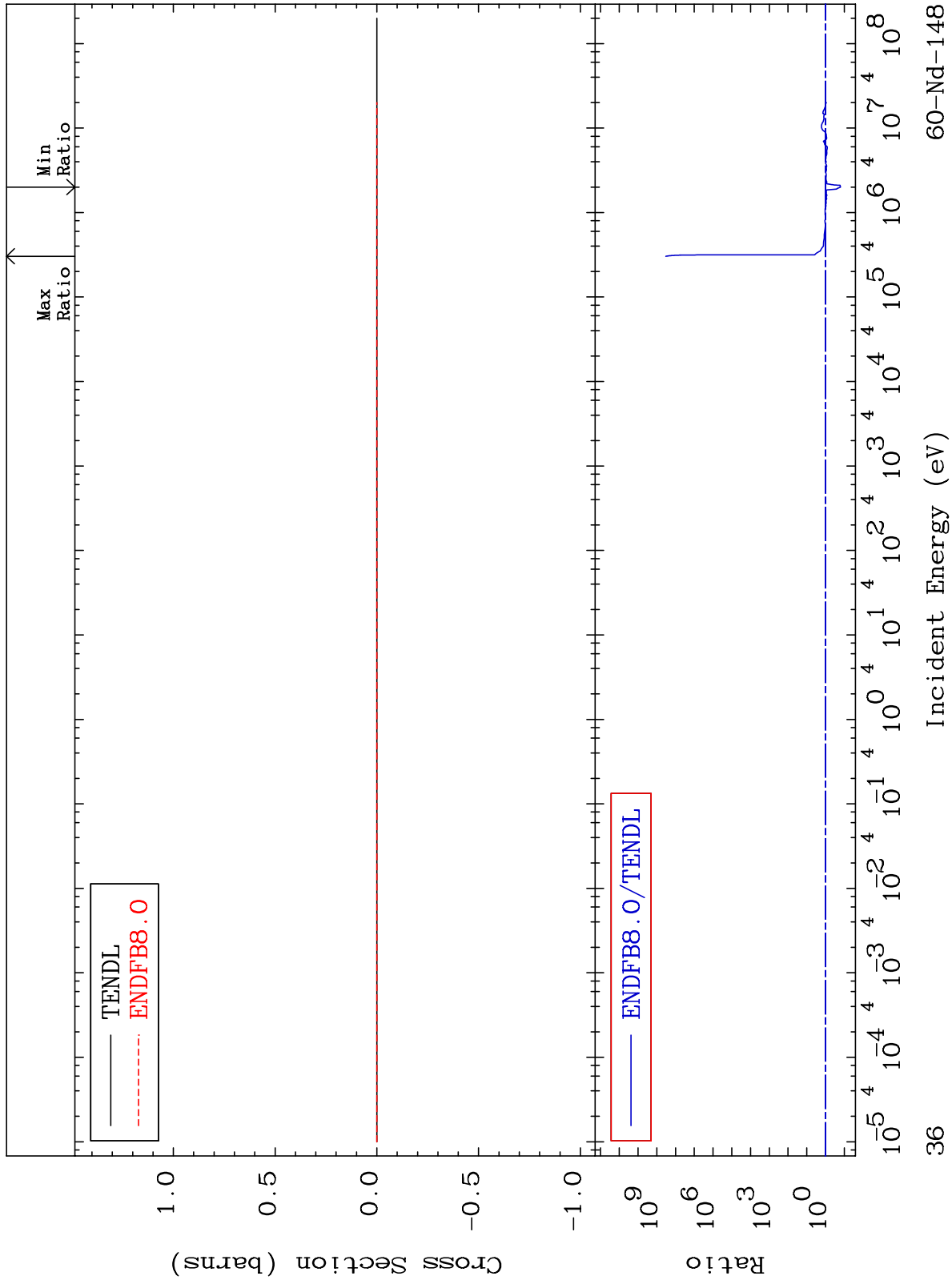
60-Nd-148
-84.10 To 9999. %



MAT 6043

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

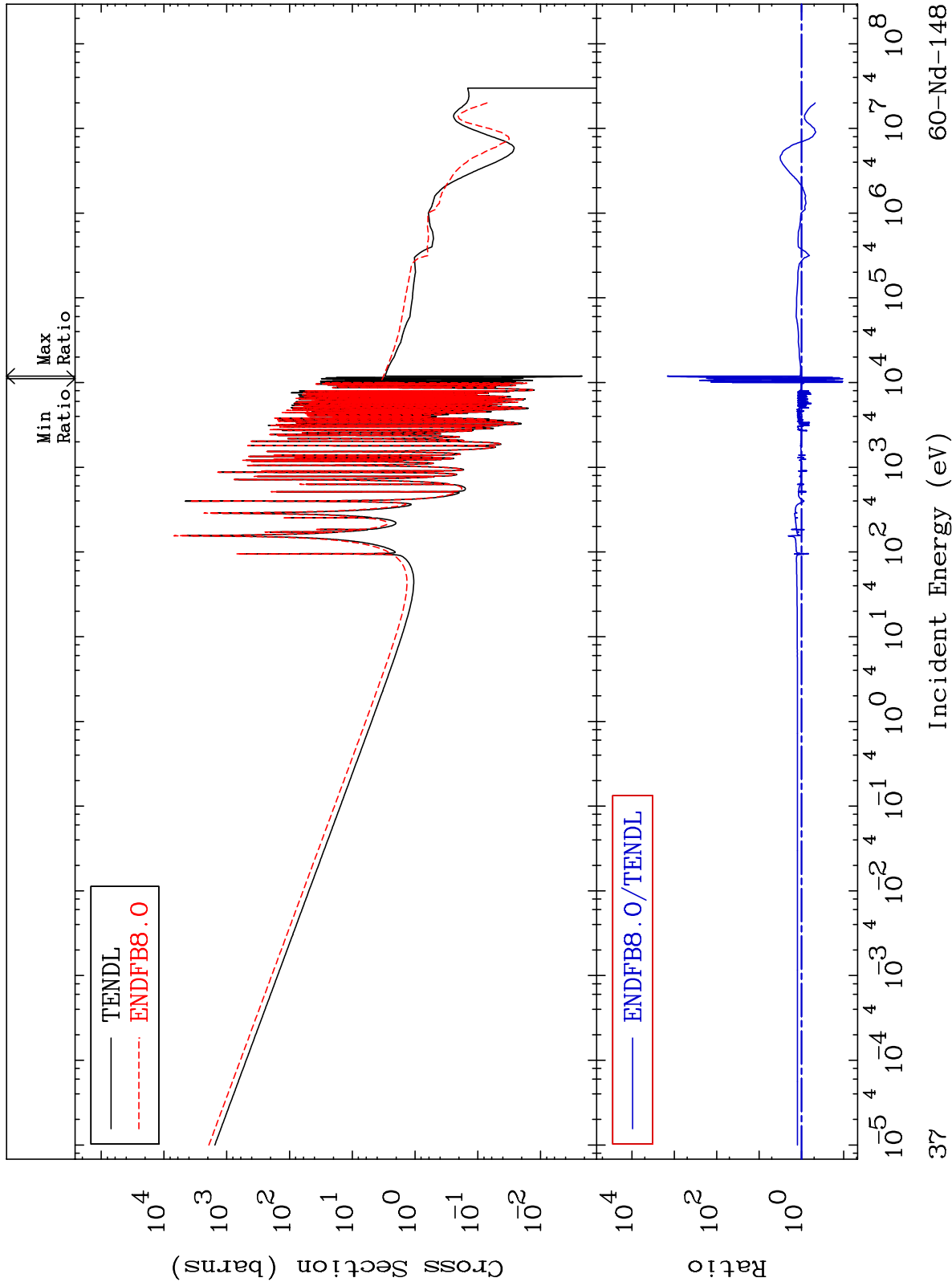
60-Nd-148
-84.10 To 9999. %



MAT 6043

Kerma capture (mt102)
Cross Section

60-Nd-148
-89.38 To 9999. %



37

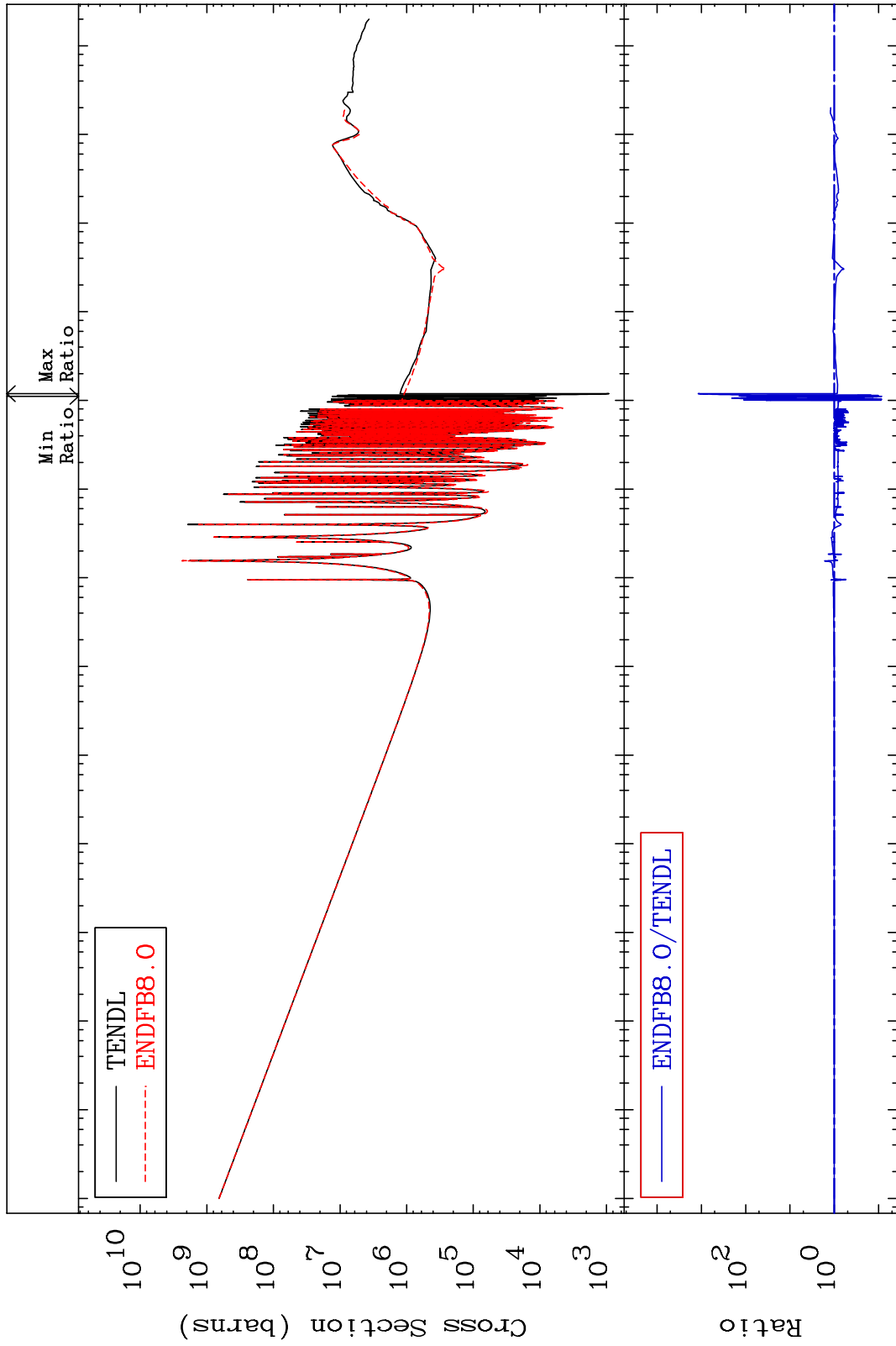
60-Nd-148

MAT 6043

Total photon (eV-barns)
Cross Section

60-Nd-148

-91.41 To 9999. %



38

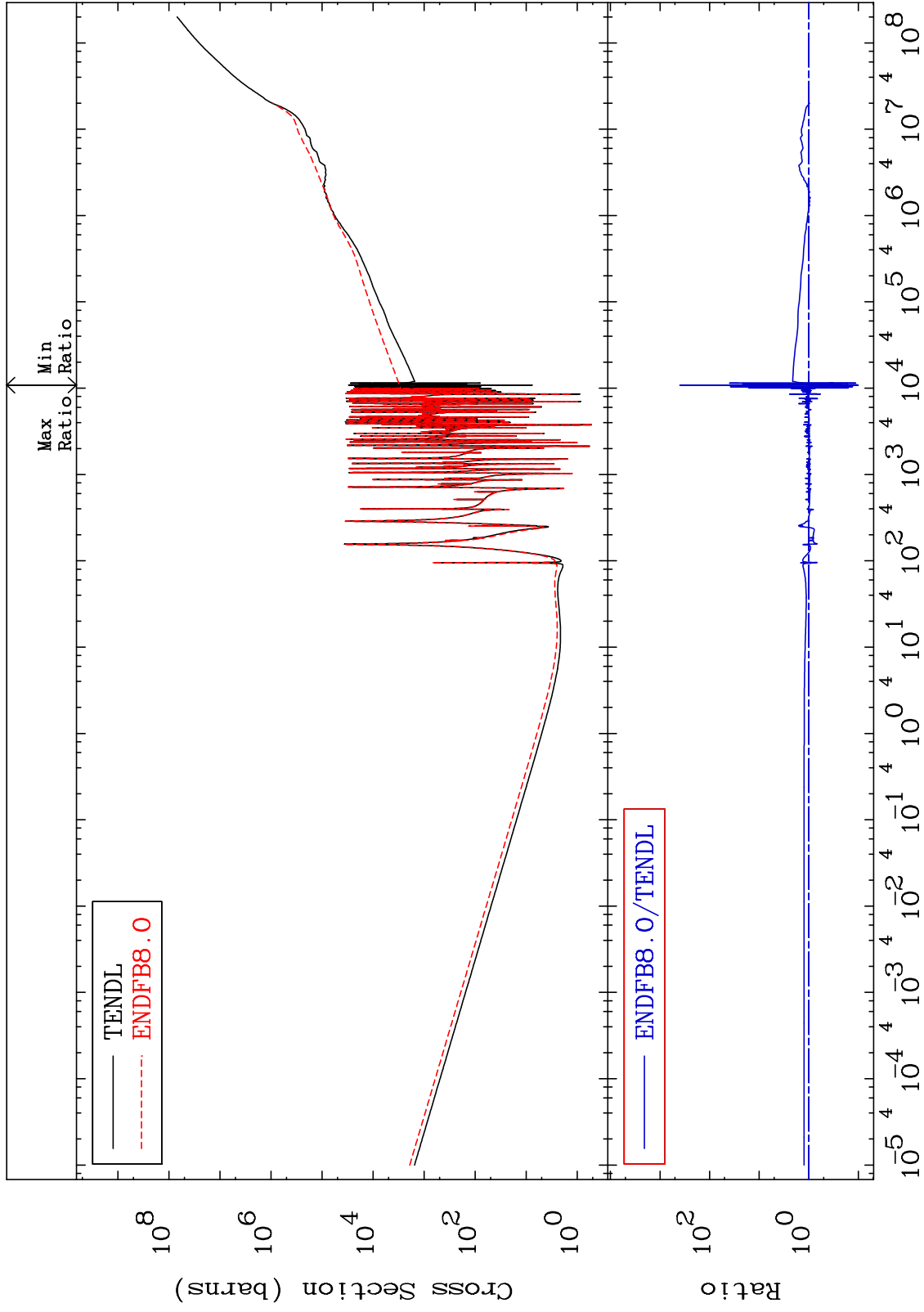
Incident Energy (eV)

60-Nd-148

MAT 6043

Total kinematic kerma (high limit)
Cross Section

60-Nd-148
-90.02 To 9999. %



39

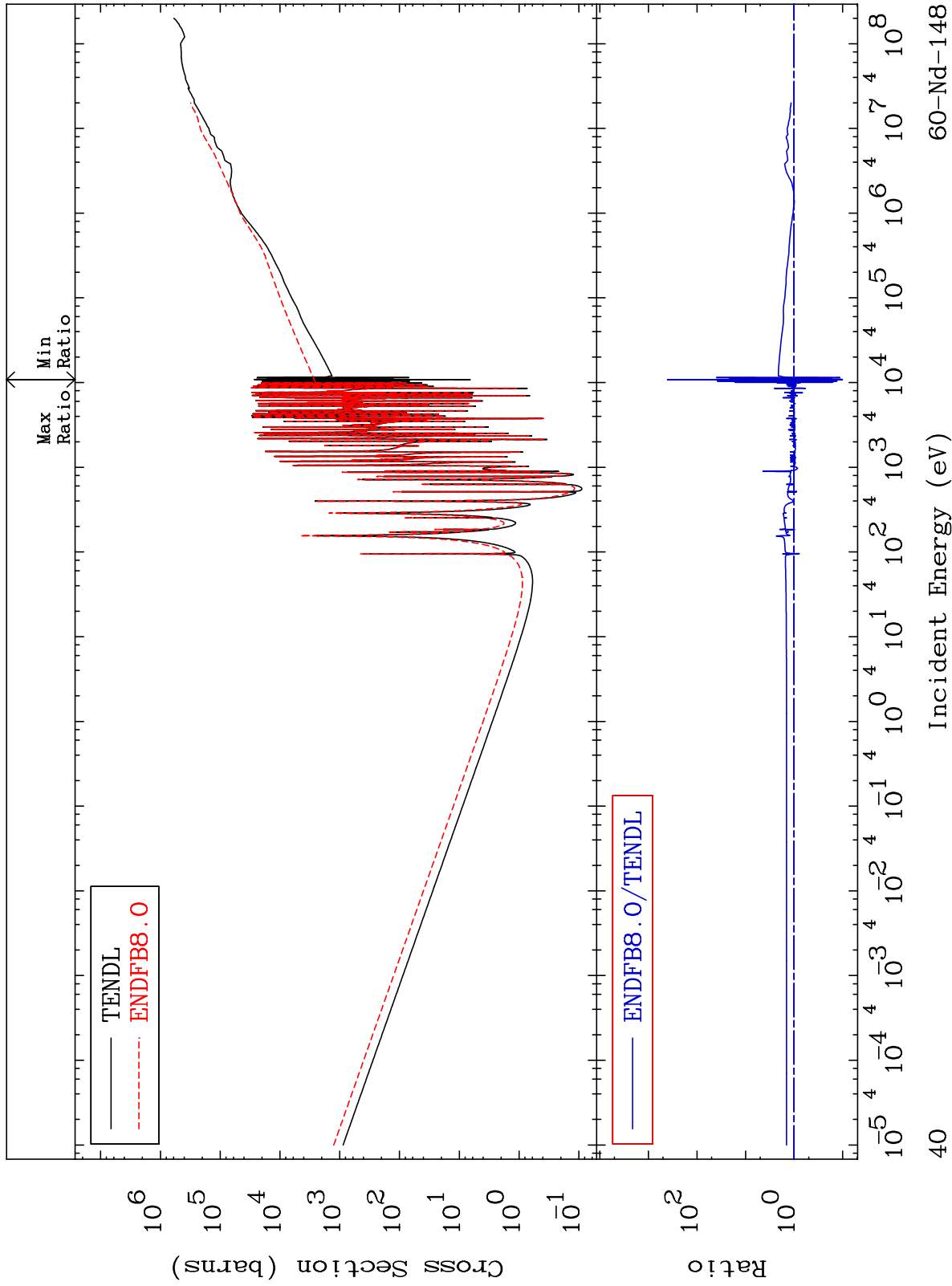
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa total (eV-barns)
Cross Section

60-Nd-148
-90.02 To 9999. %



40

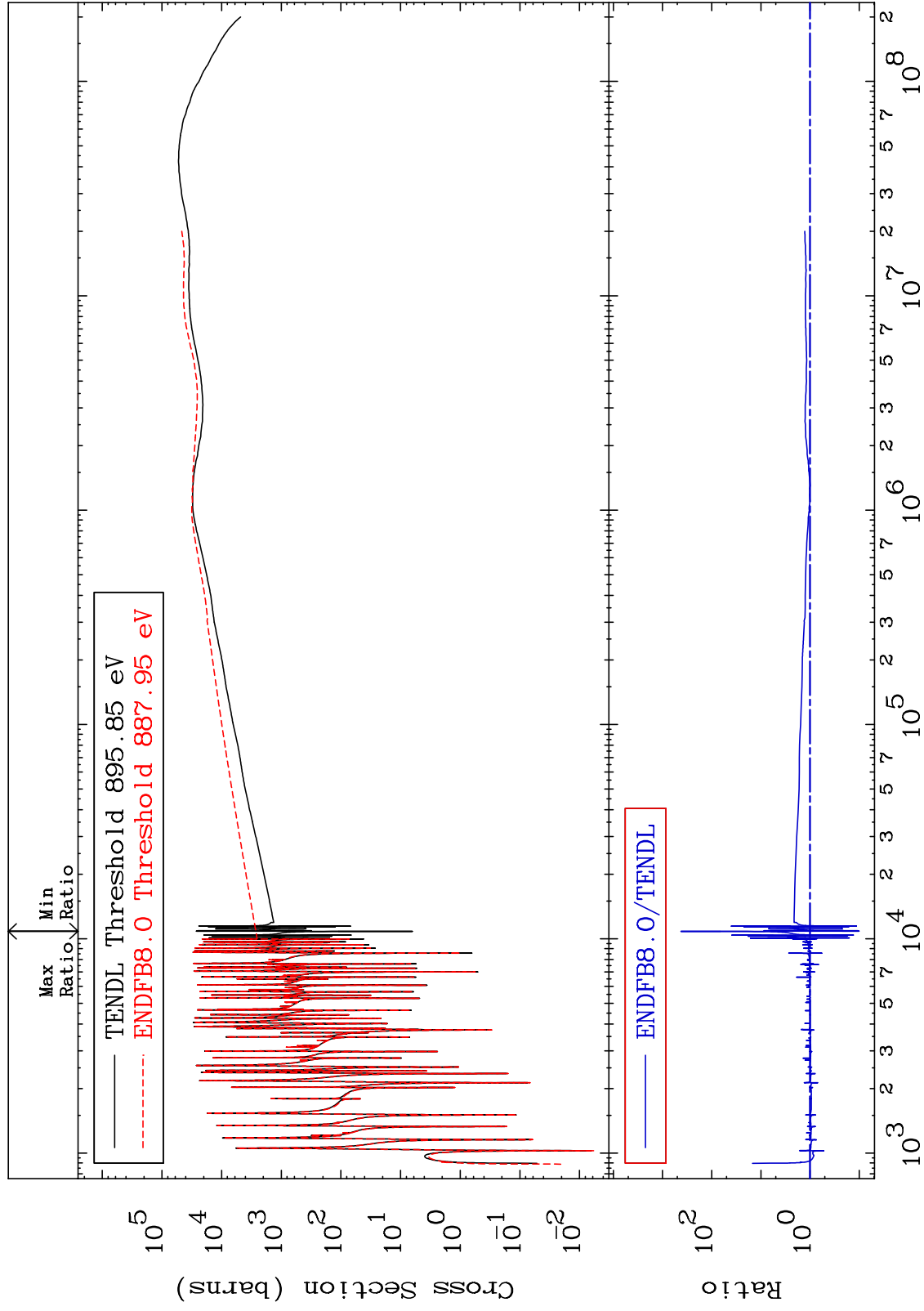
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa elastic (mt2)
Cross Section

60-Nd-148
-90.02 To 9999. %



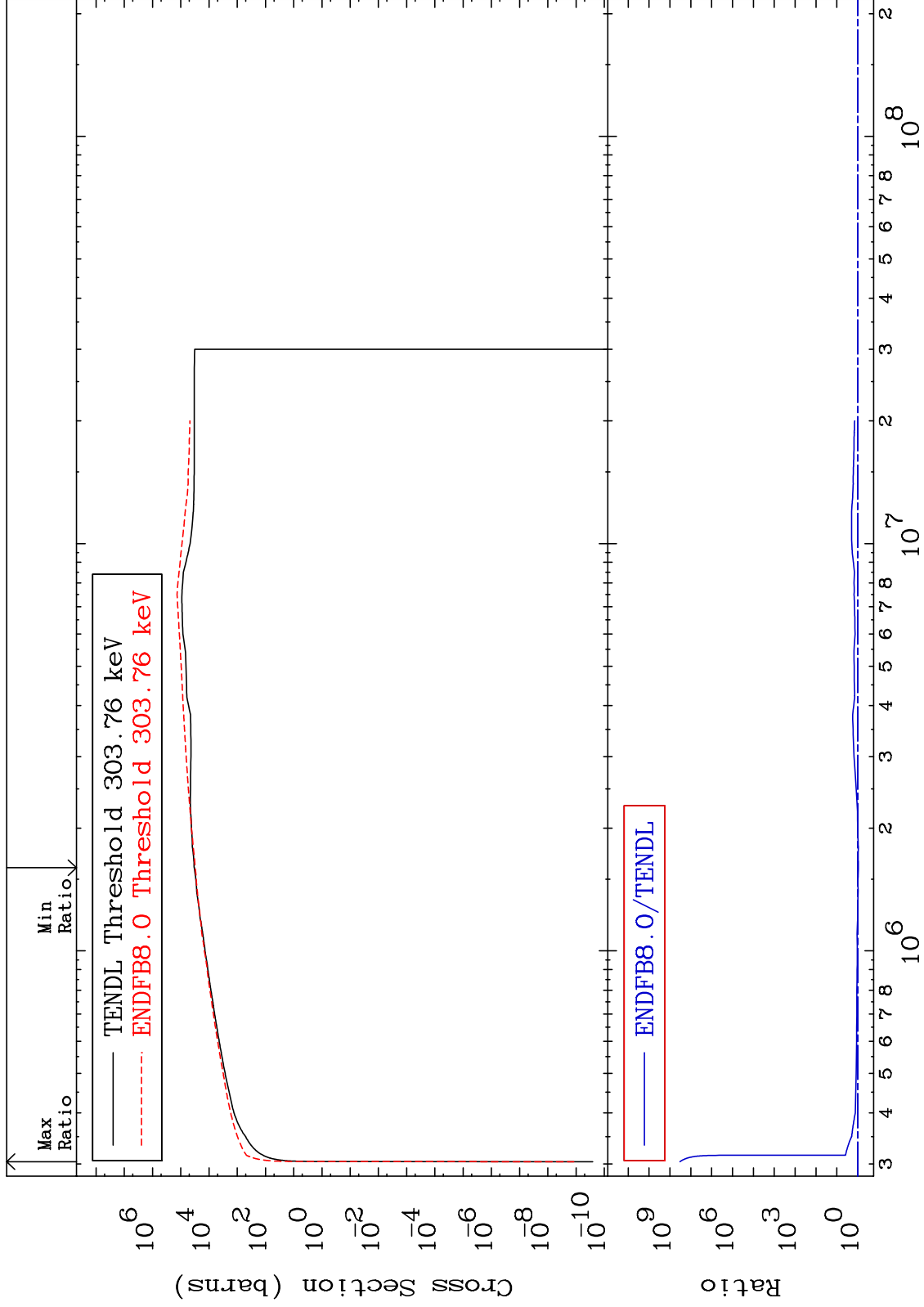
41

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)
Cross Section

60-Nd-148
-7.783 To 9999. %



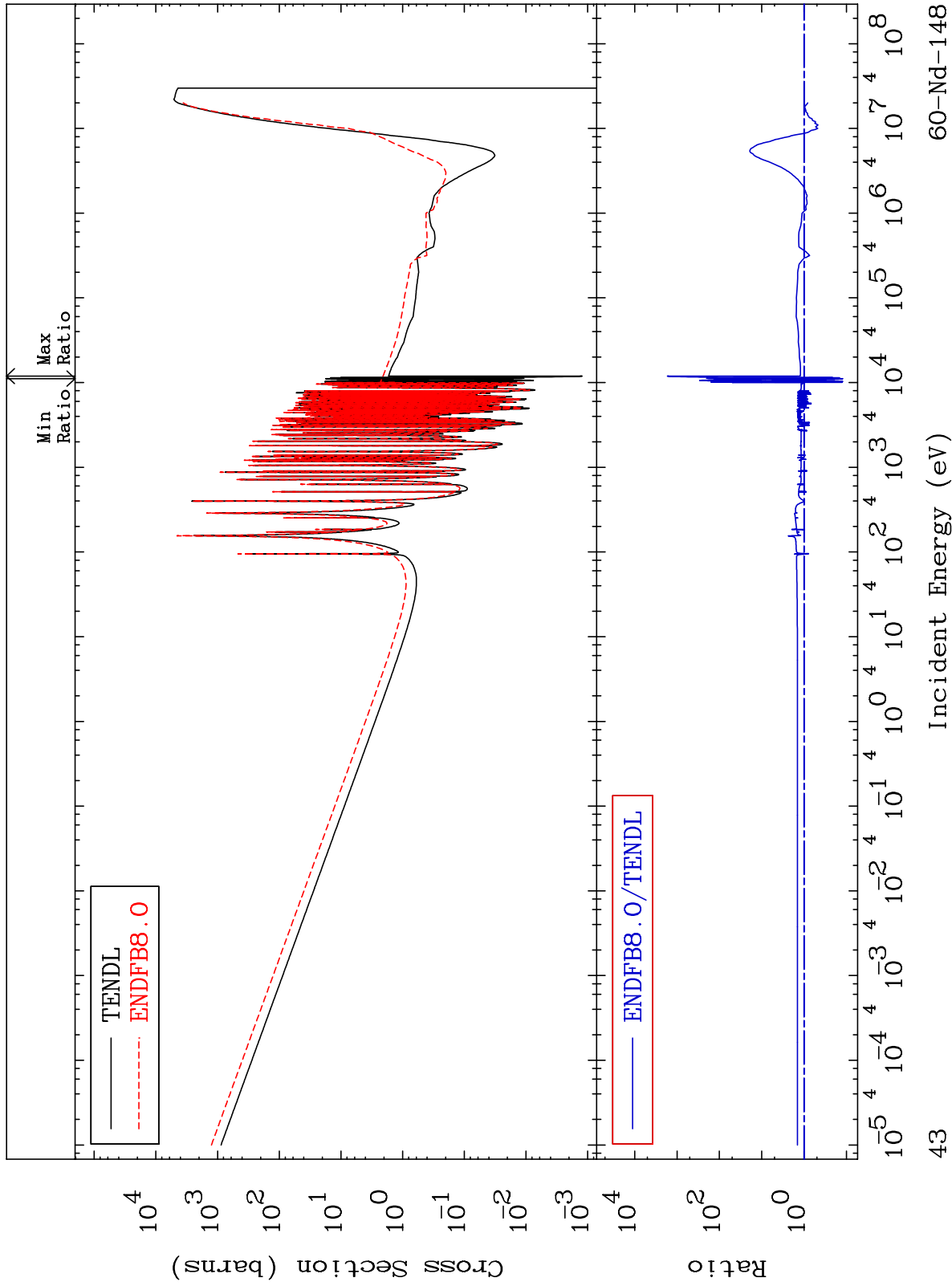
42

60-Nd-148

MAT 6043

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-148
-87.70 To 9999. %



43

60-Nd-148