

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

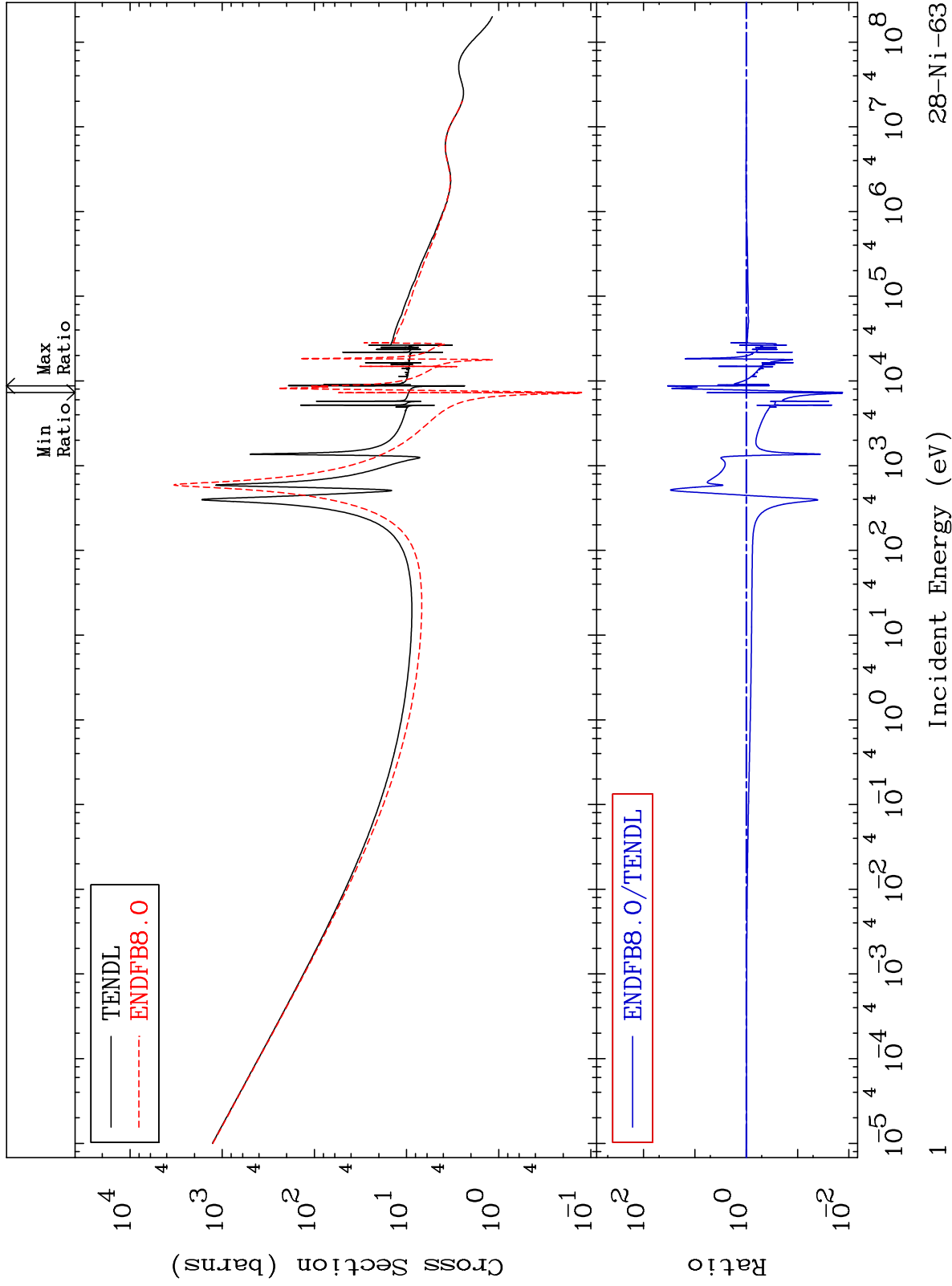
MAT 2840

Total

28-Ni-63

Cross Section

-98.68 To 3315. %

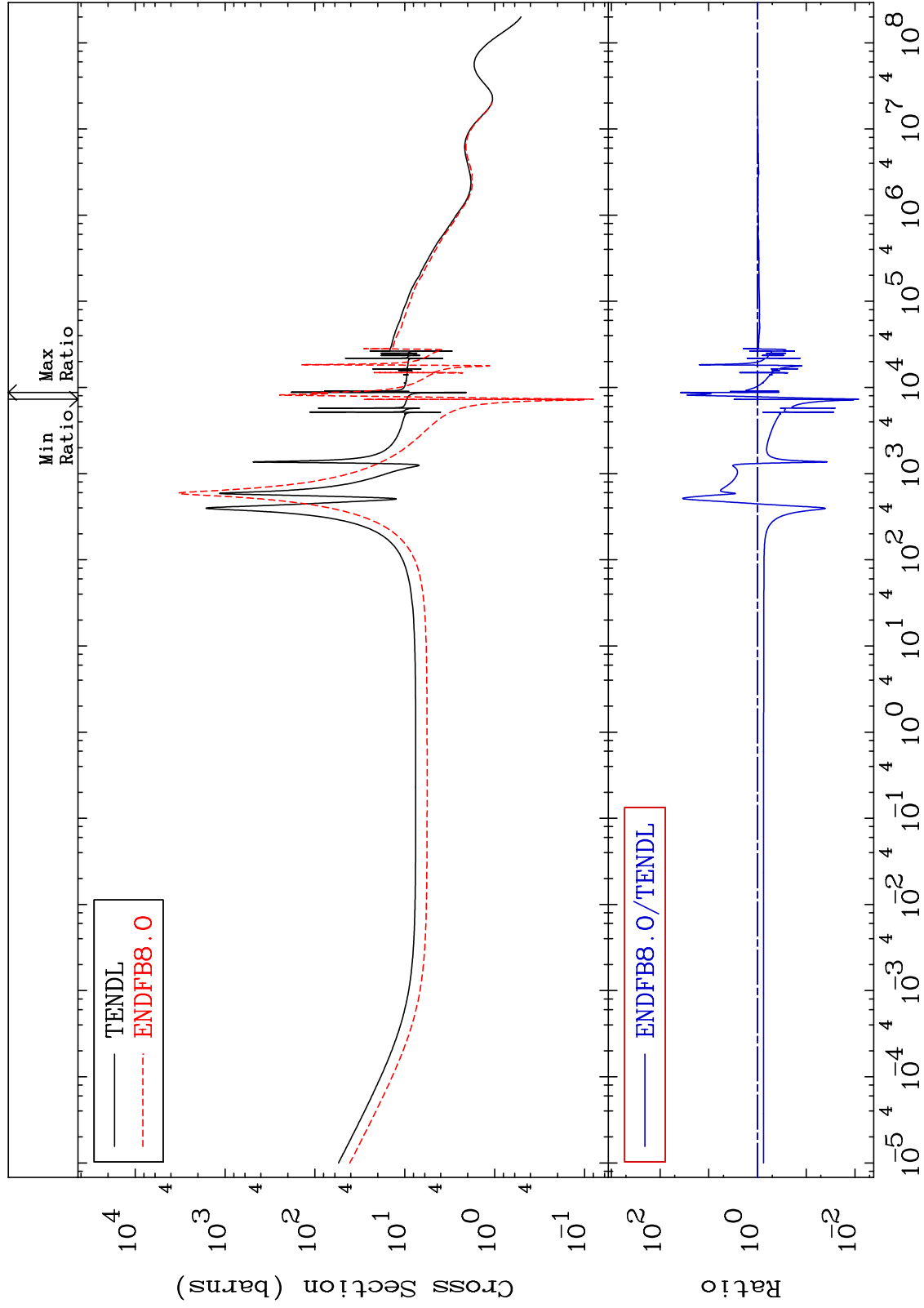


28-Ni-63

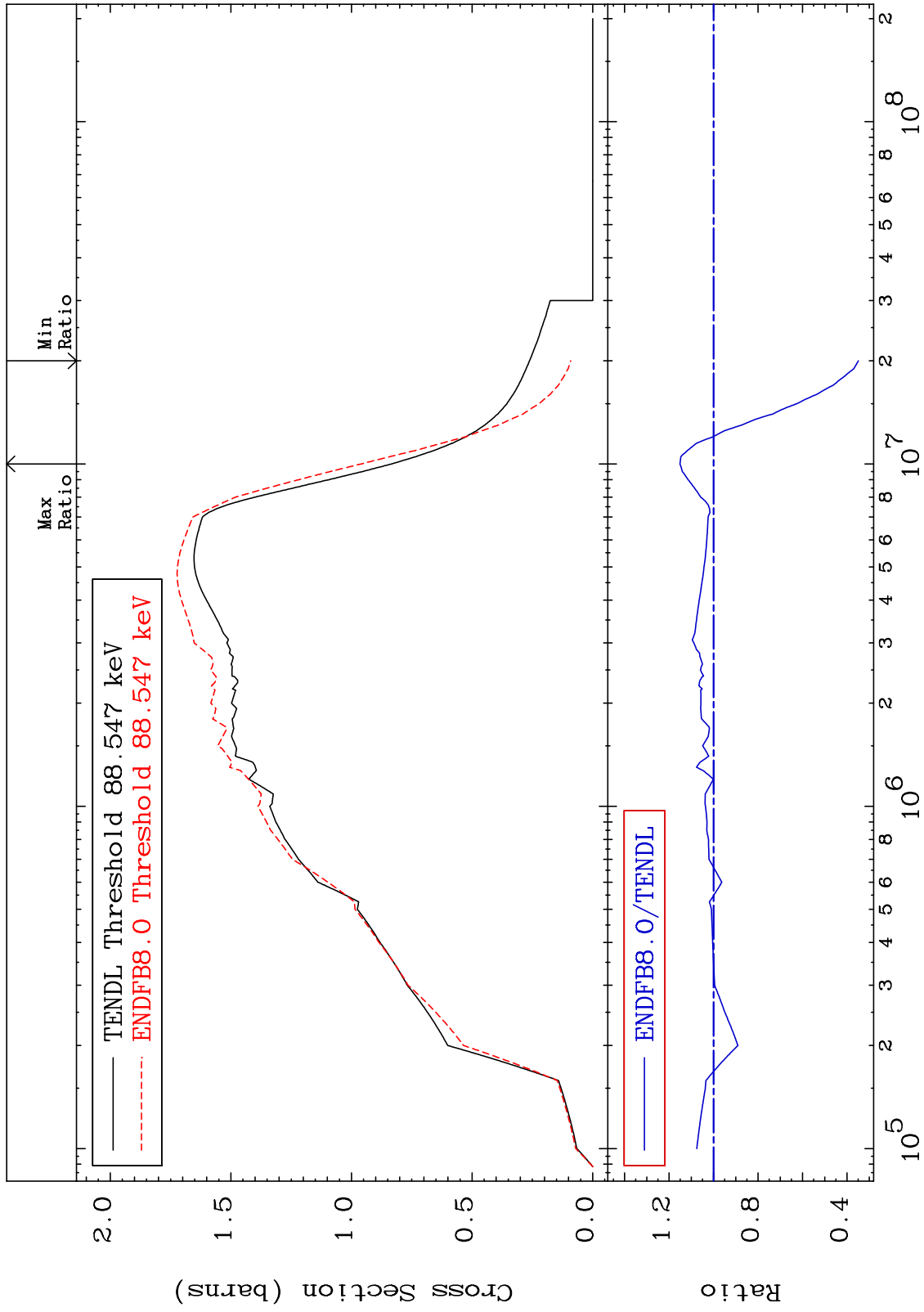
MAT 2840

Elastic
Cross Section

28-Ni-63
-99.16 To 3716. %

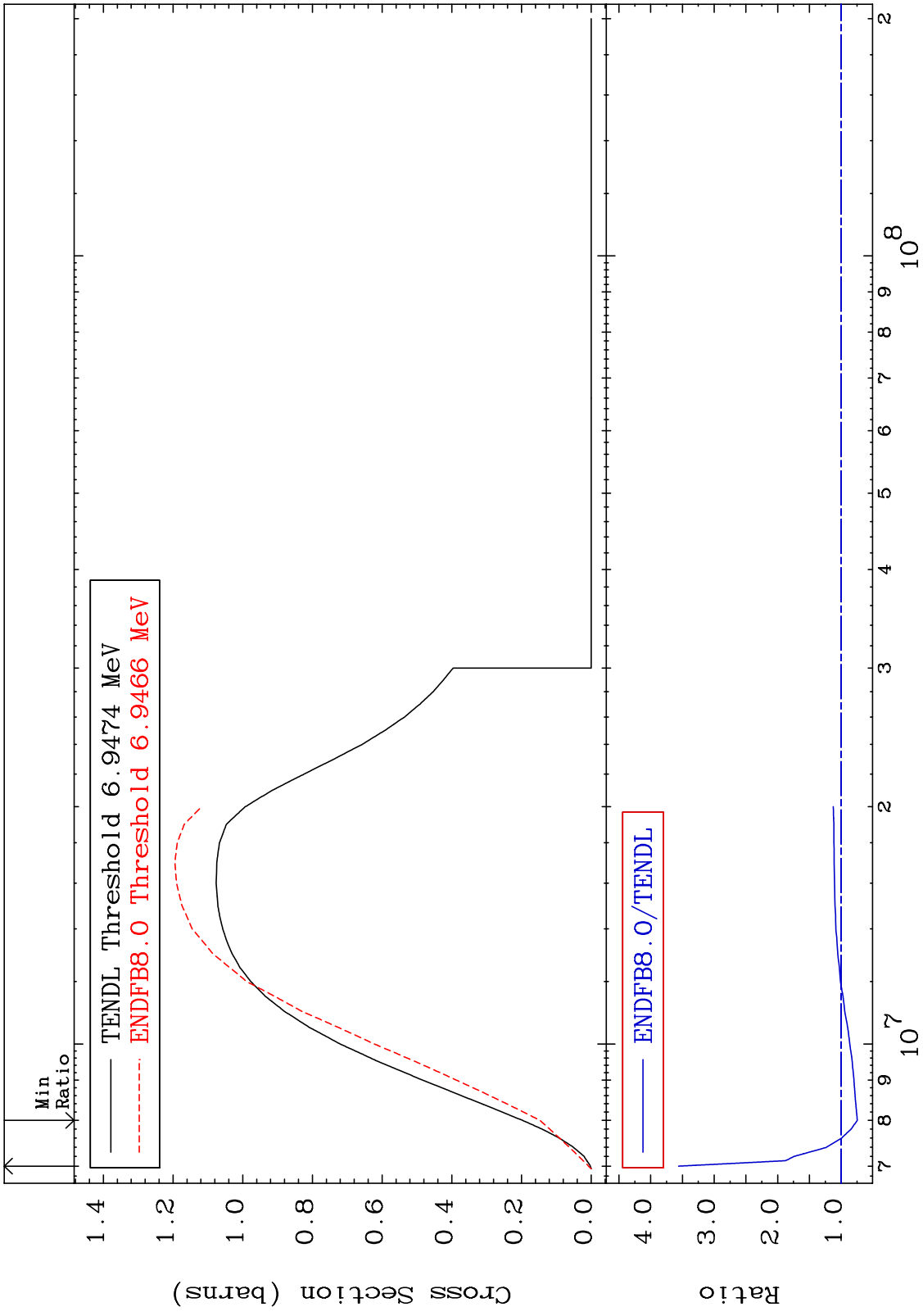


MAT 2840 Inelastic Cross Section 28-Ni-63 -65.09 To 15.11 %

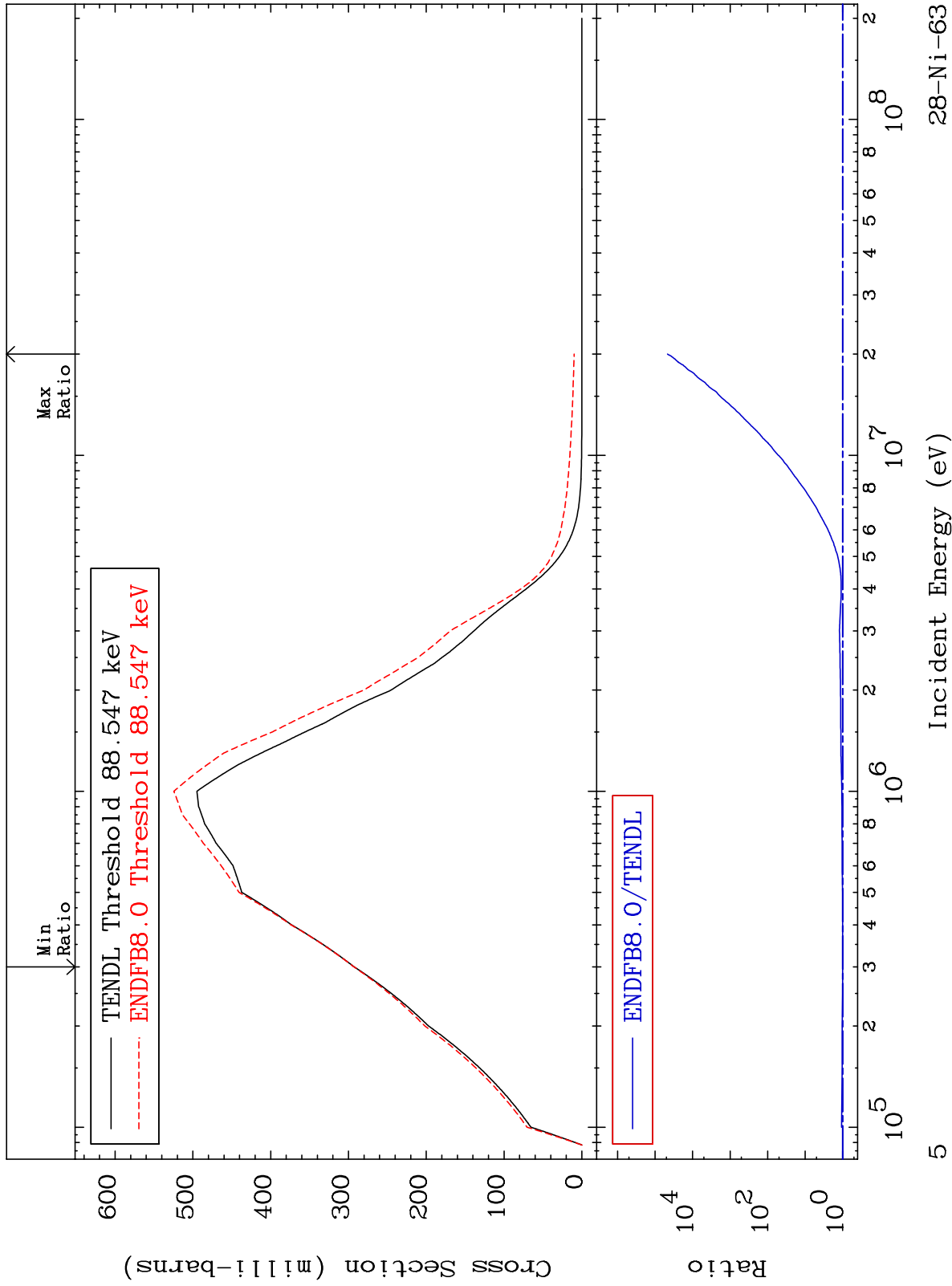


3 10⁵ 10⁶ 10⁷ 10⁸ 28-Ni-63

MAT 2840 (n,2n) Cross Section 28-Ni-63 -25.39 To 256.0 %

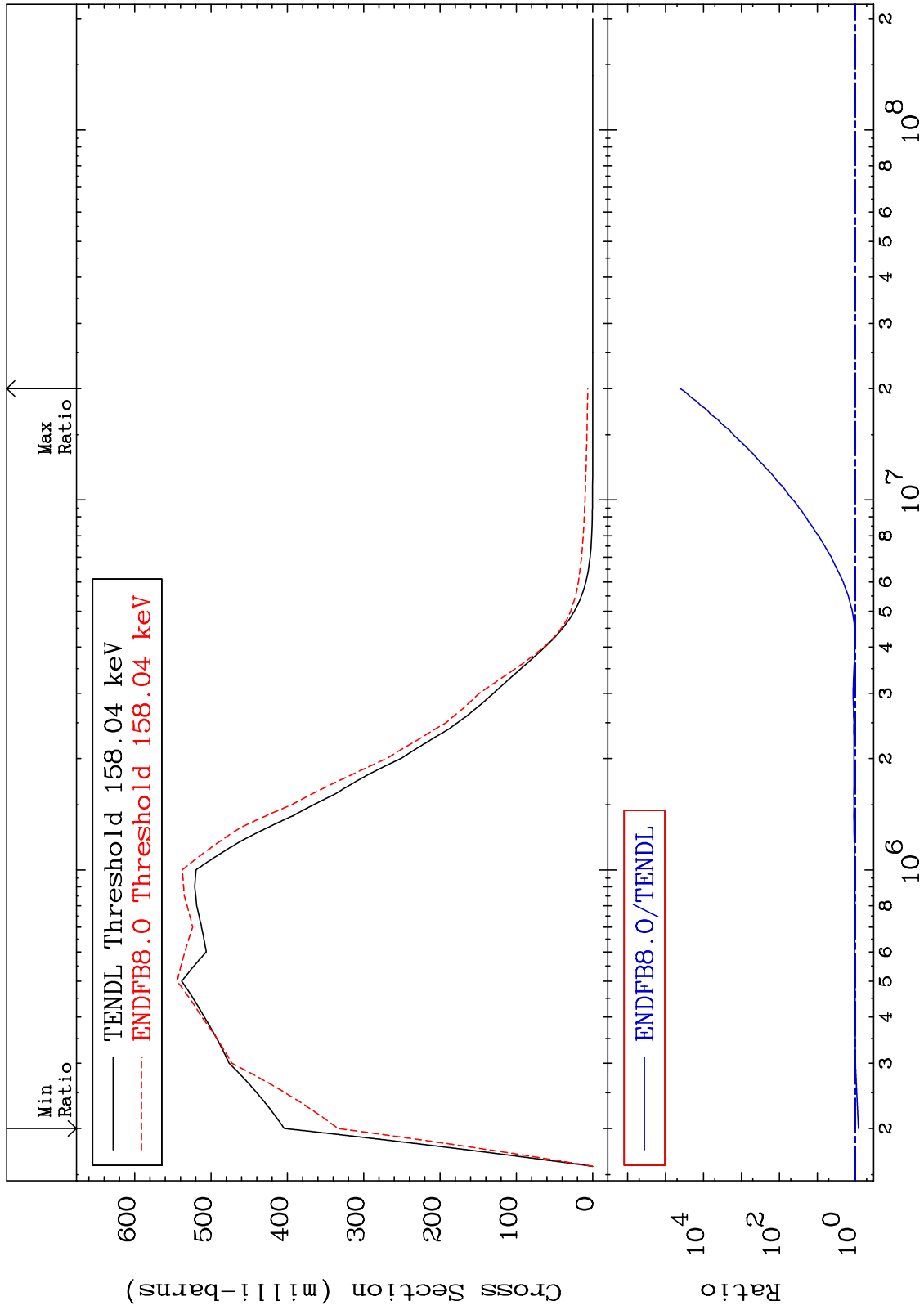


MAT 2840 MT= 51 (n,n') Level Cross Section 28-Ni-63
0.126 To 9999. %

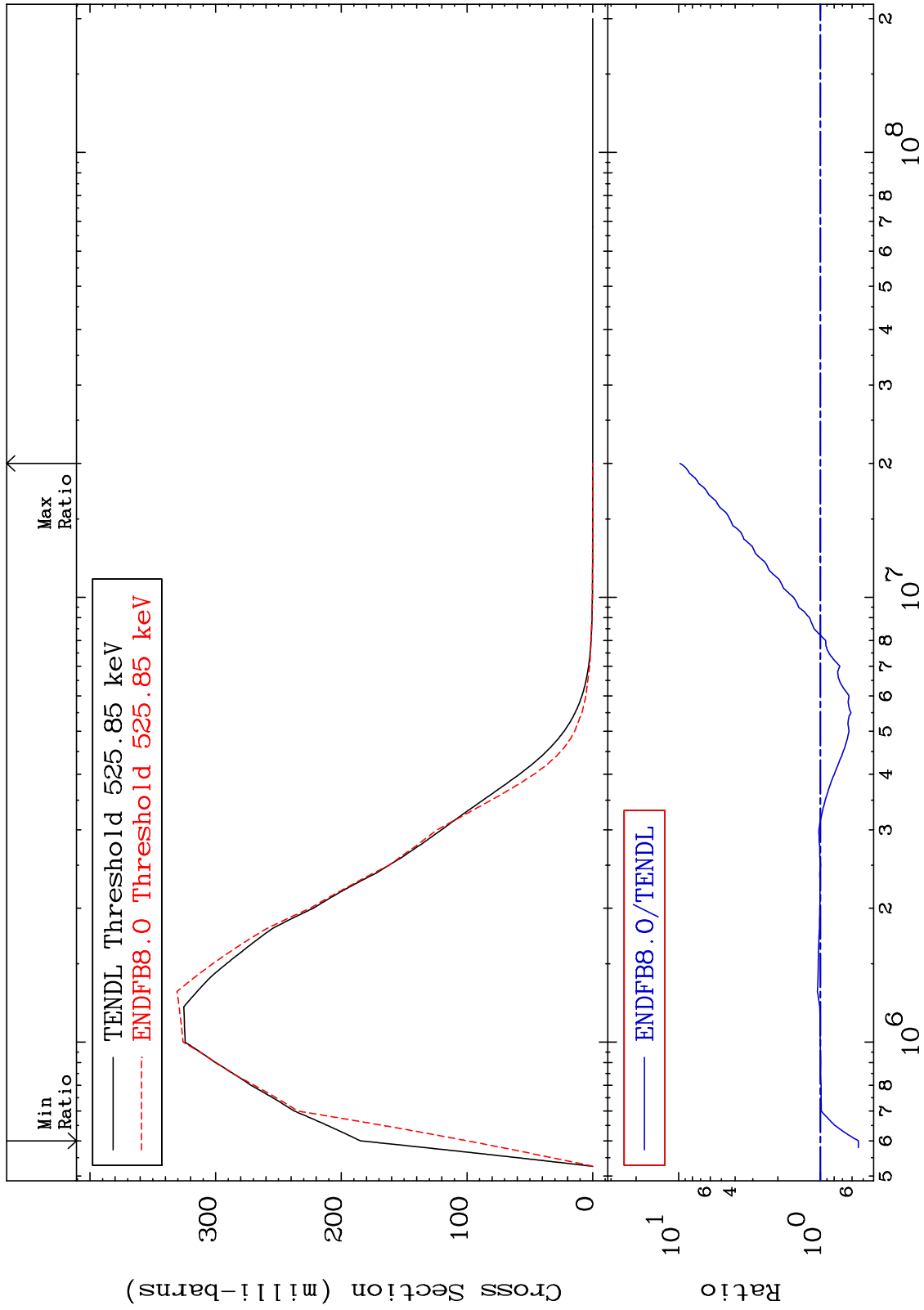


5 Incident Energy (eV) 28-Ni-63

MAT 2840 MT= 52 (n,n') Level 28-Ni-63
 Cross Section -17.43 To 9999. %

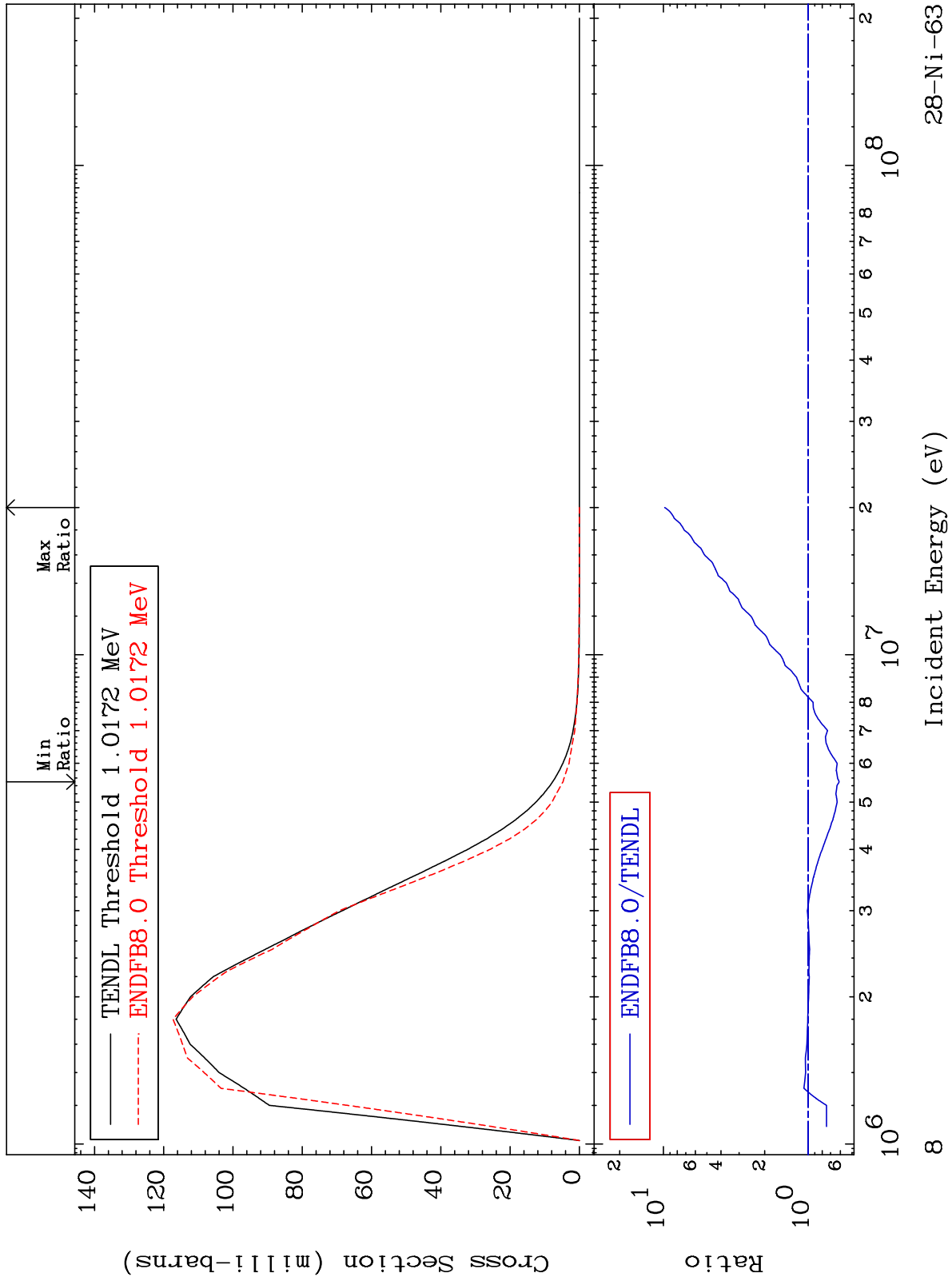


MAT 2840 MT= 53 (n,n') Level Cross Section 28-Ni-63
 -45.97 To 879.6 %

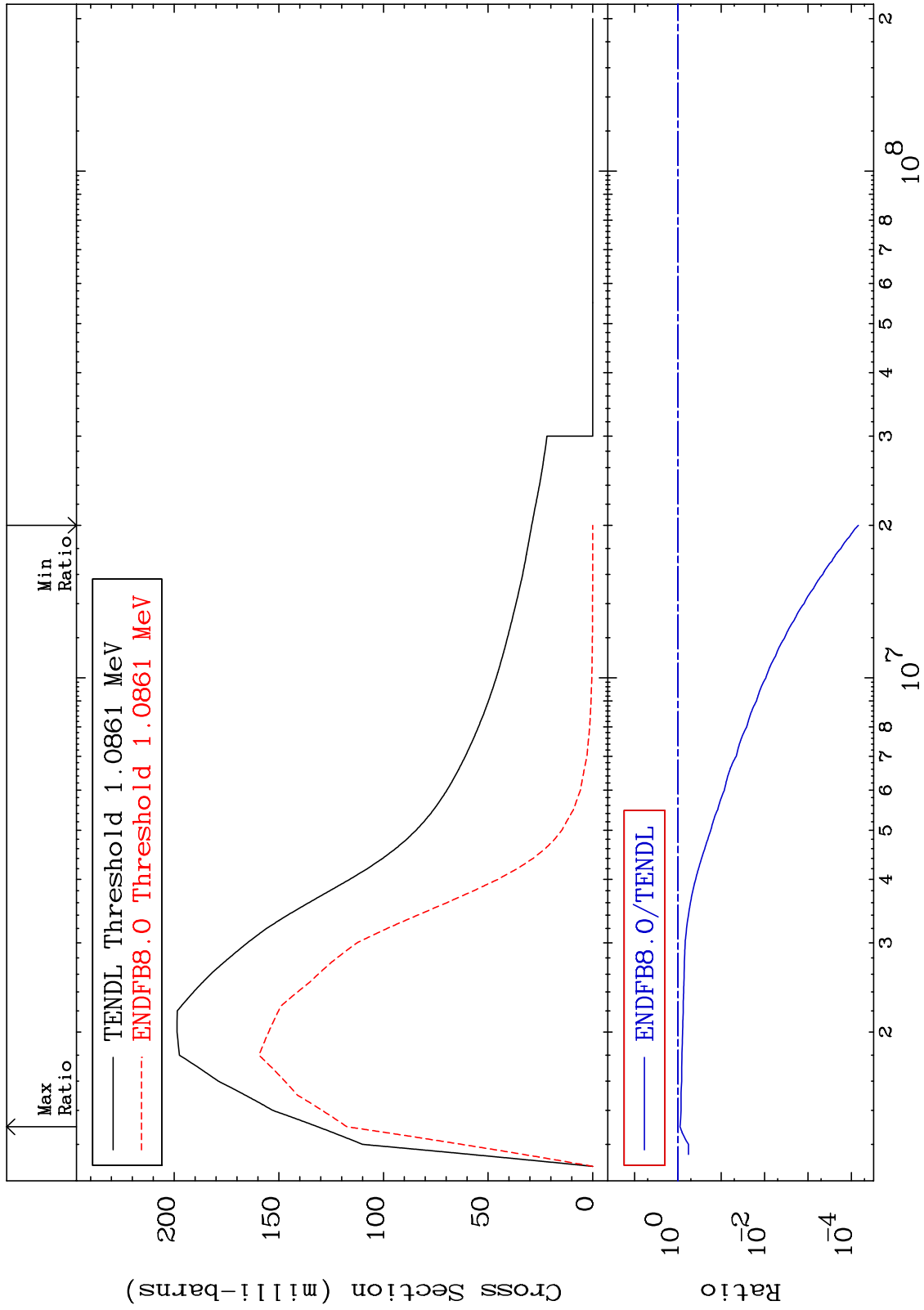


7 Incident Energy (eV) 28-Ni-63

MAT 2840 MT= 54 (n,n') Level Cross Section 28-Ni-63
-38.83 To 877.3 %



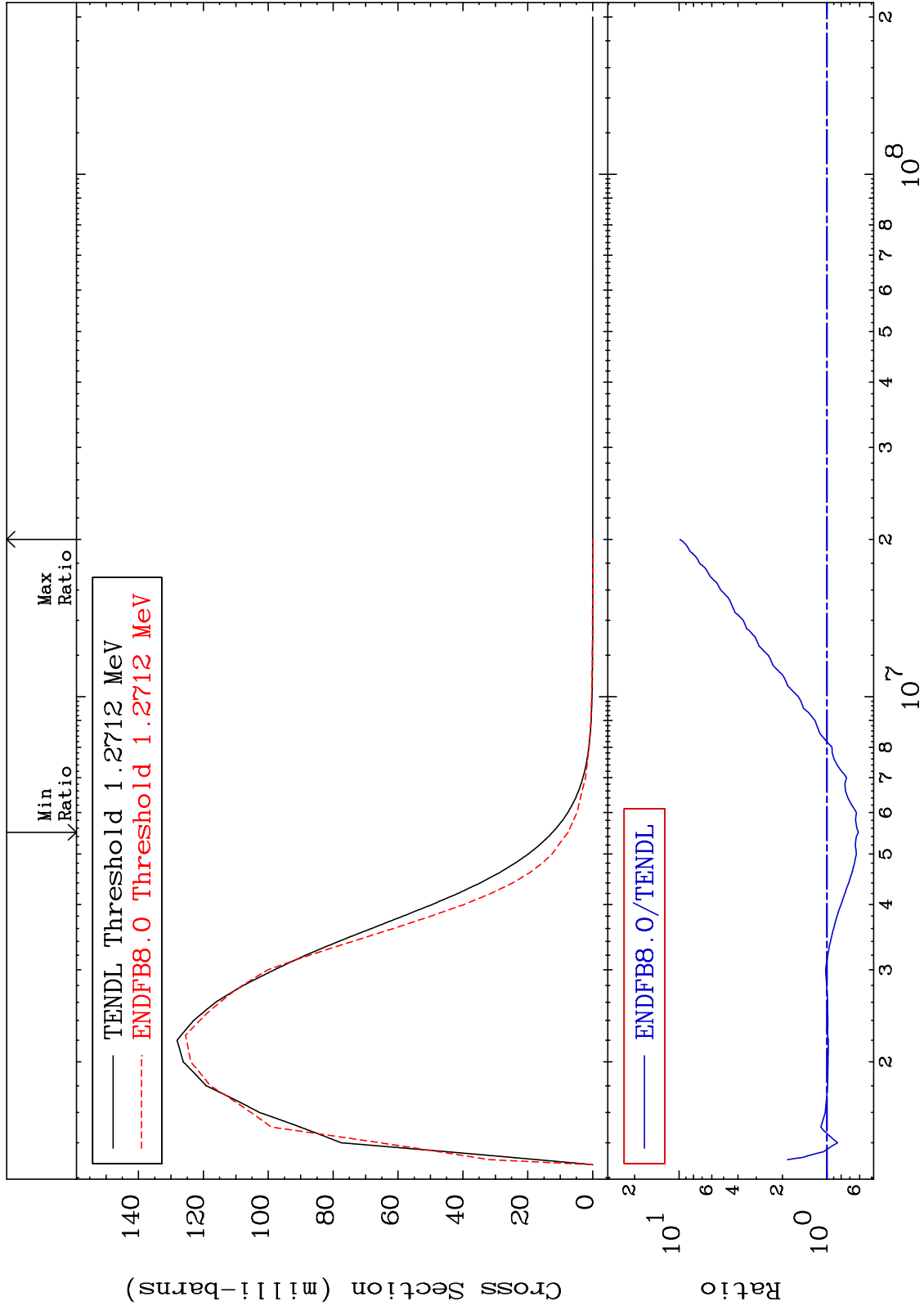
MAT 2840 MT= 55 (n,n') Level Cross Section 28-Ni-63
 -99.99 To -10.62%



MAT 2840

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

28-Ni-63
-38.83 To 886.1 %

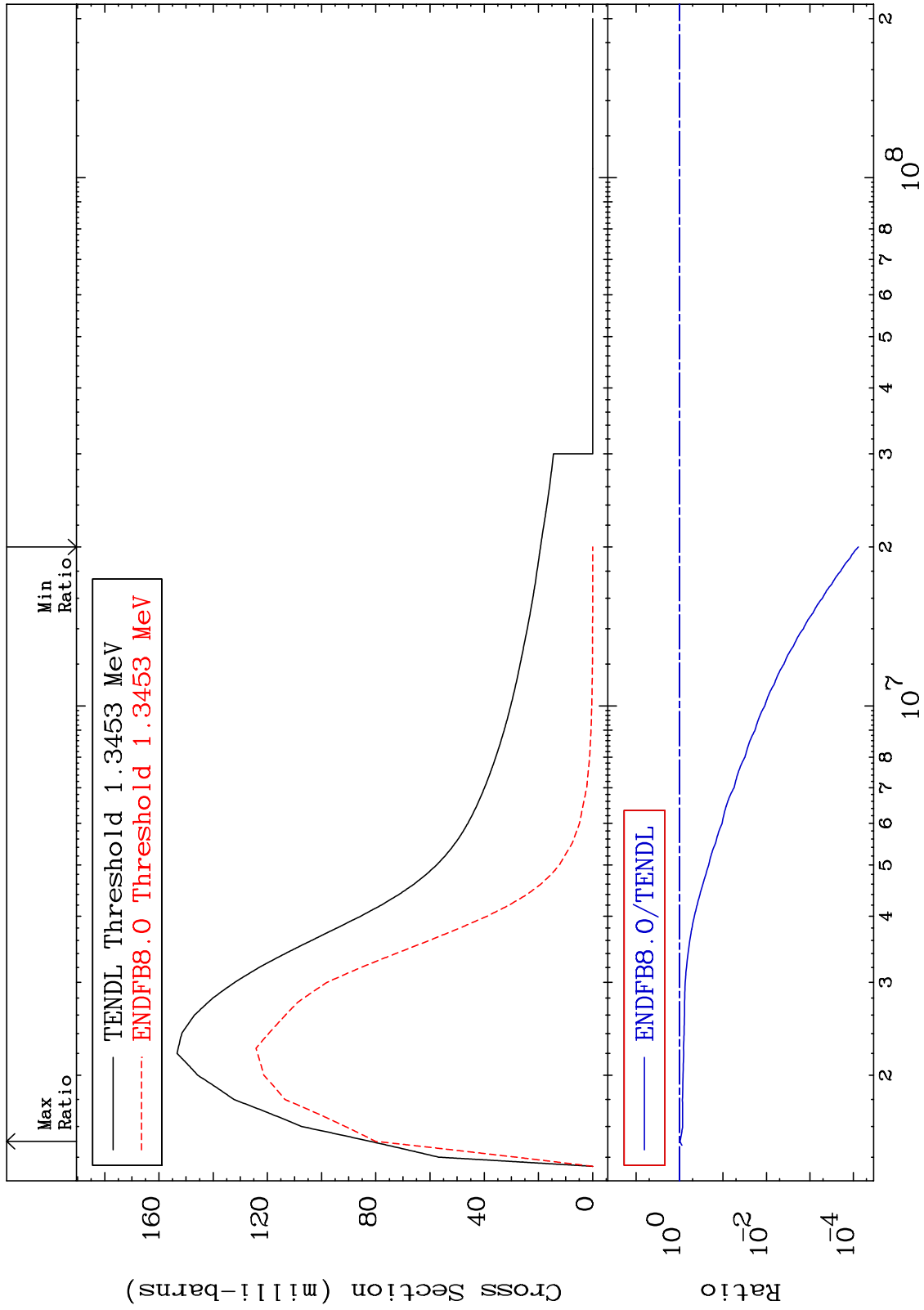


10

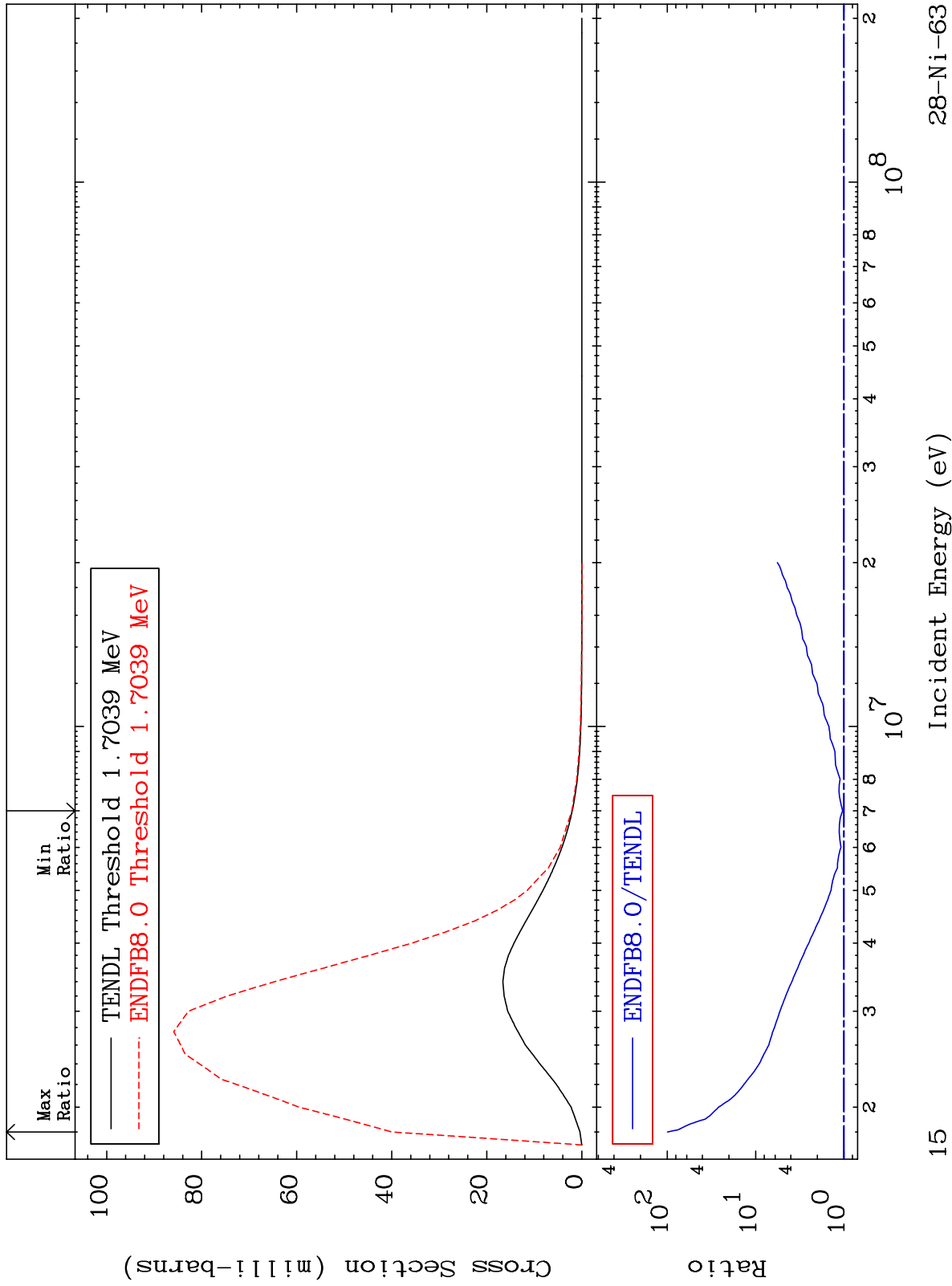
Incident Energy (eV)

28-Ni-63

MAT 2840 MT= 58 (n,n') Level Cross Section 28-Ni-63 -99.99 To -2.458%



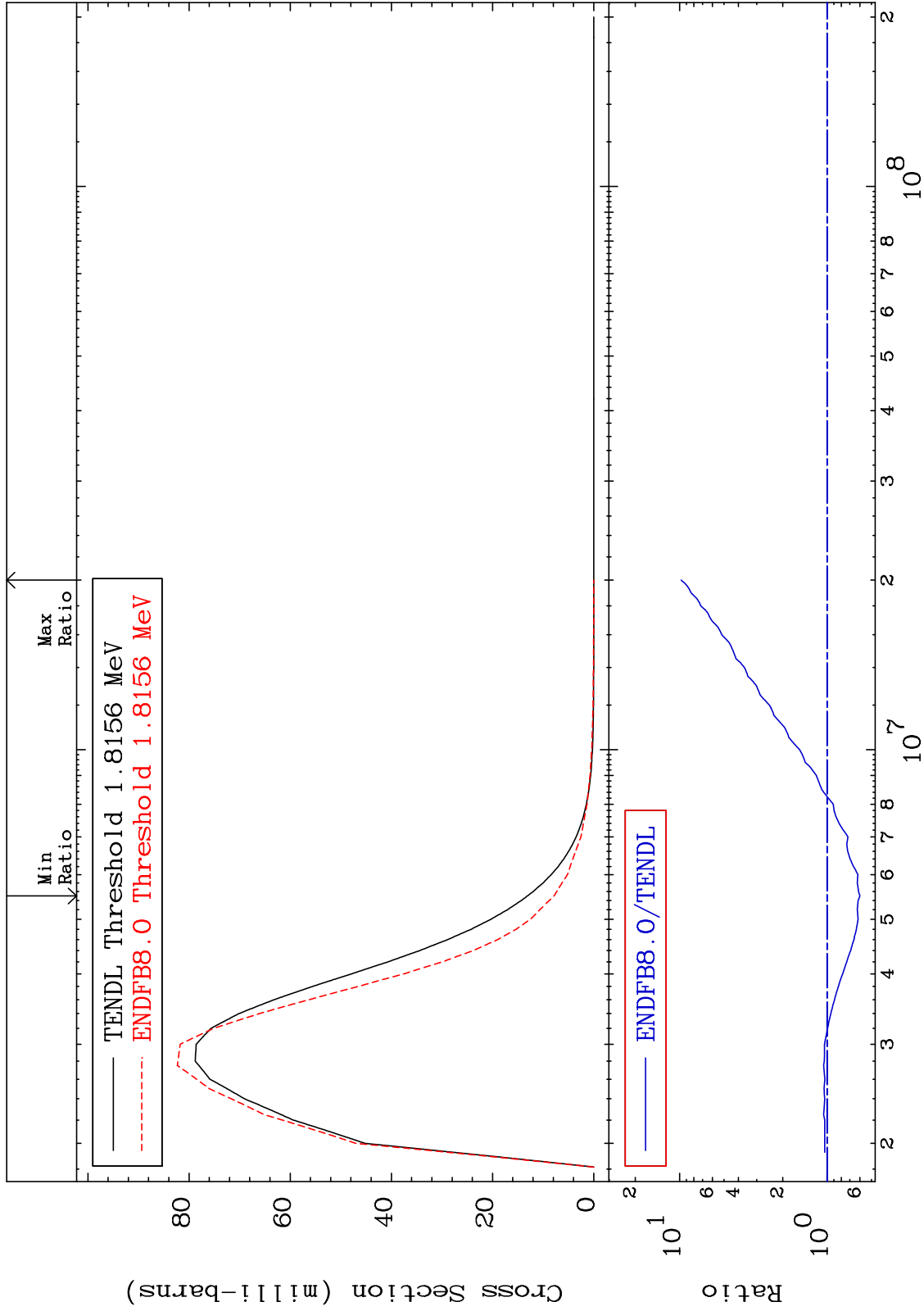
MAT 2840 MT= 61 (n,n') Level Cross Section 28-Ni-63 To 9812. %



MAT 2840

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

28-Ni-63
-40.13 To 875.7 %

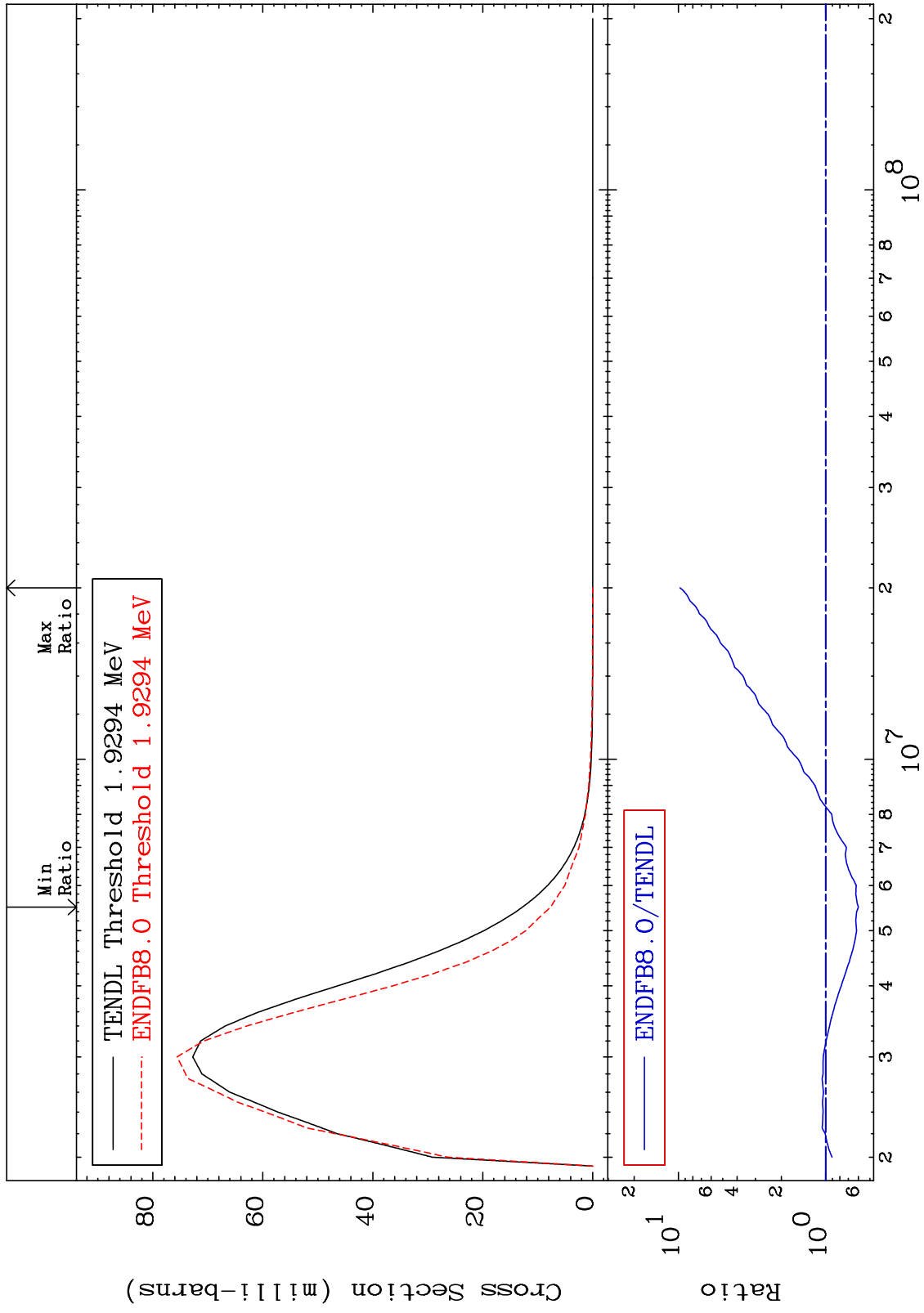


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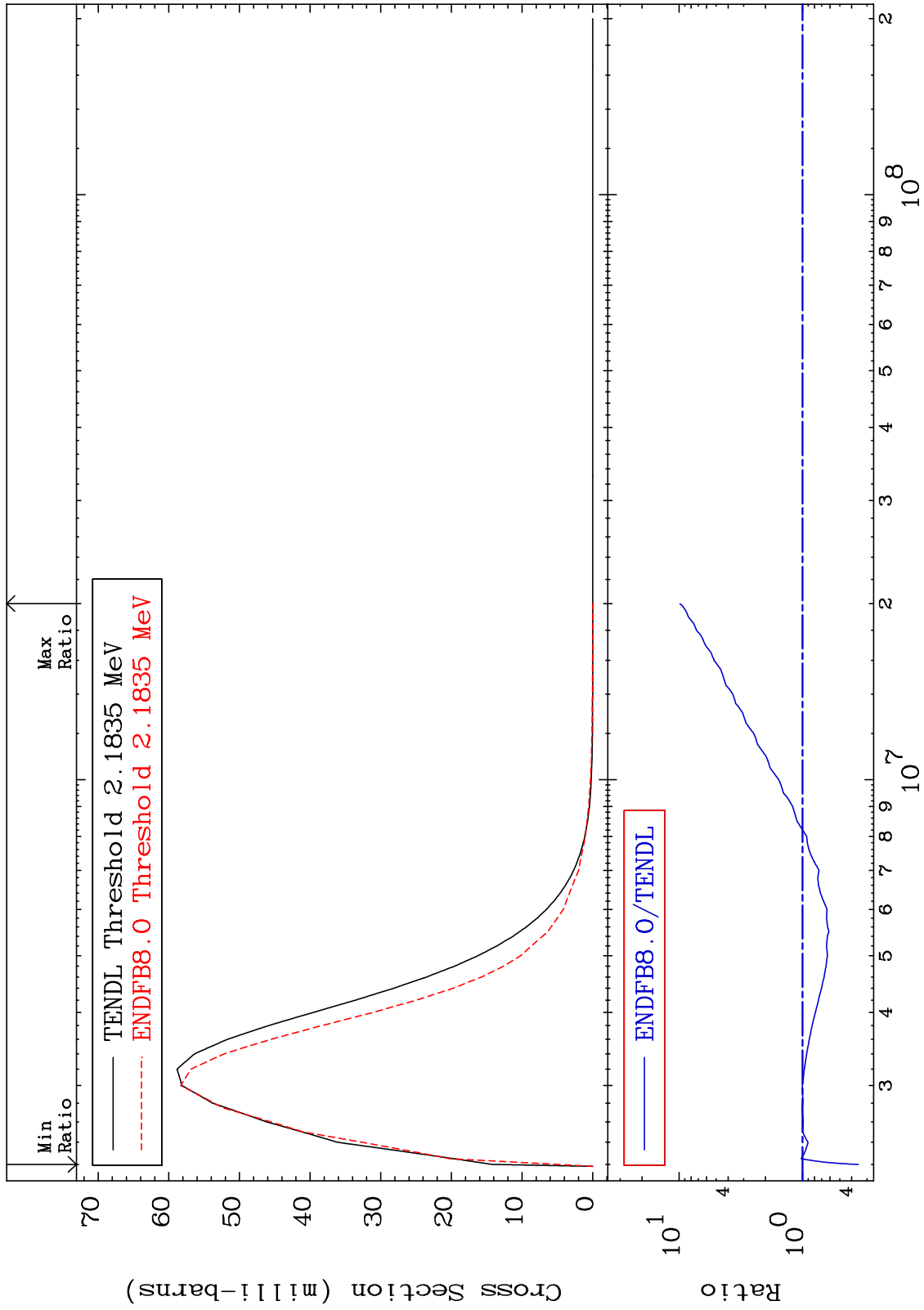
Incident Energy (eV)

28-Ni-63

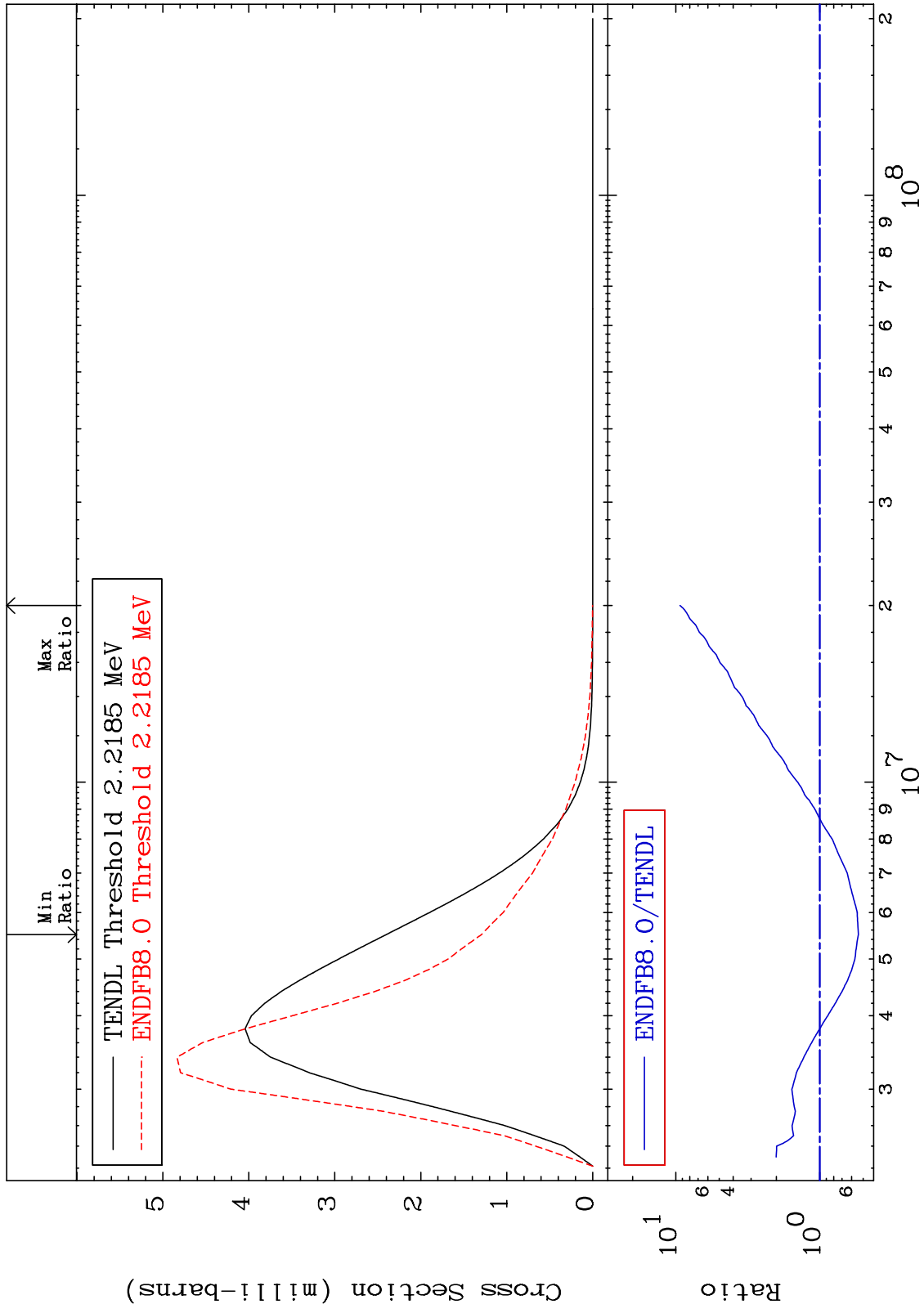
MAT 2840 MT= 63 (n,n') Level Cross Section -40.14 To 875.8 % 28-Ni-63



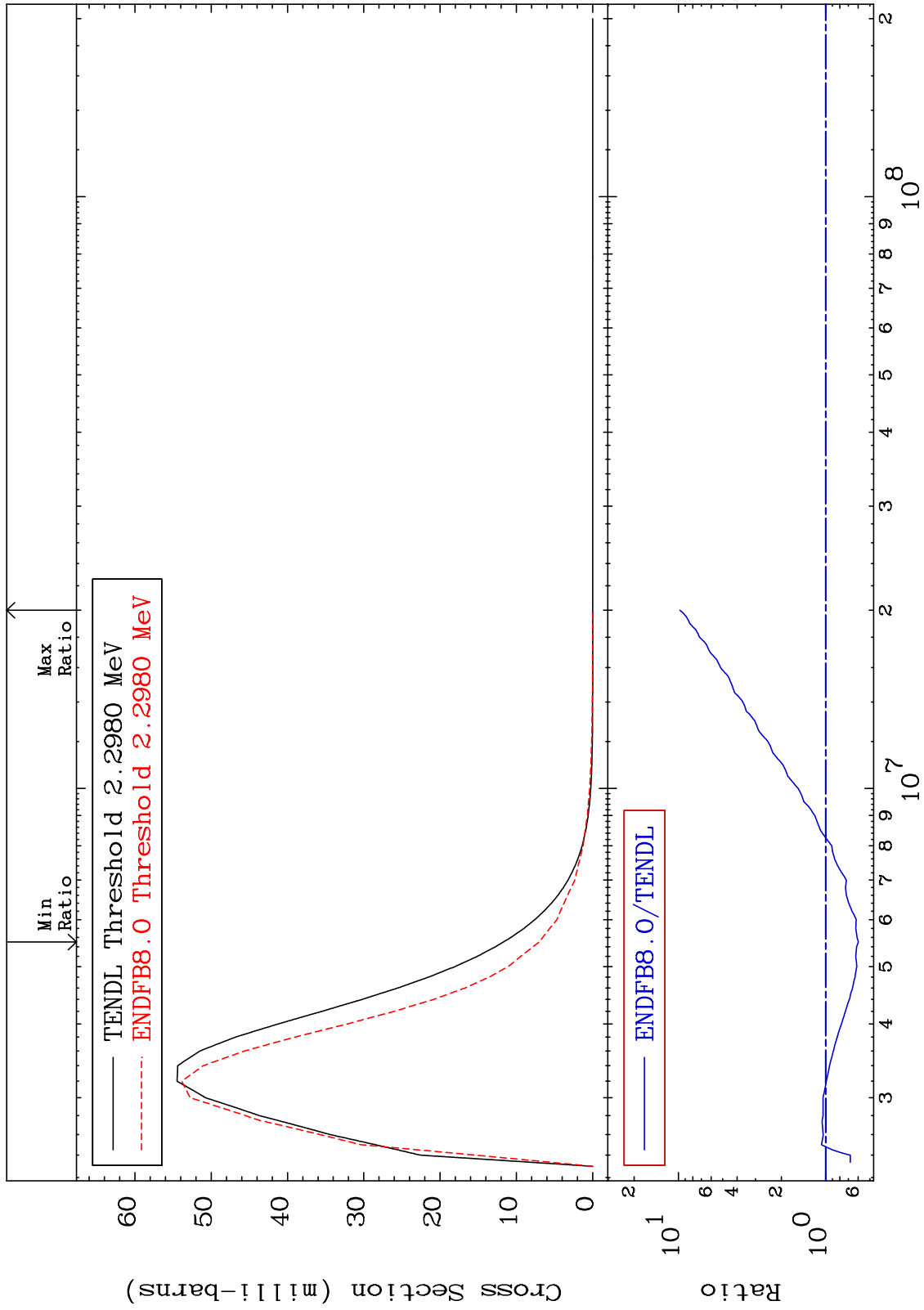
MAT 2840 MT= 64 (n,n') Level Cross Section 28-Ni-63
 -64.72 To 882.5 %



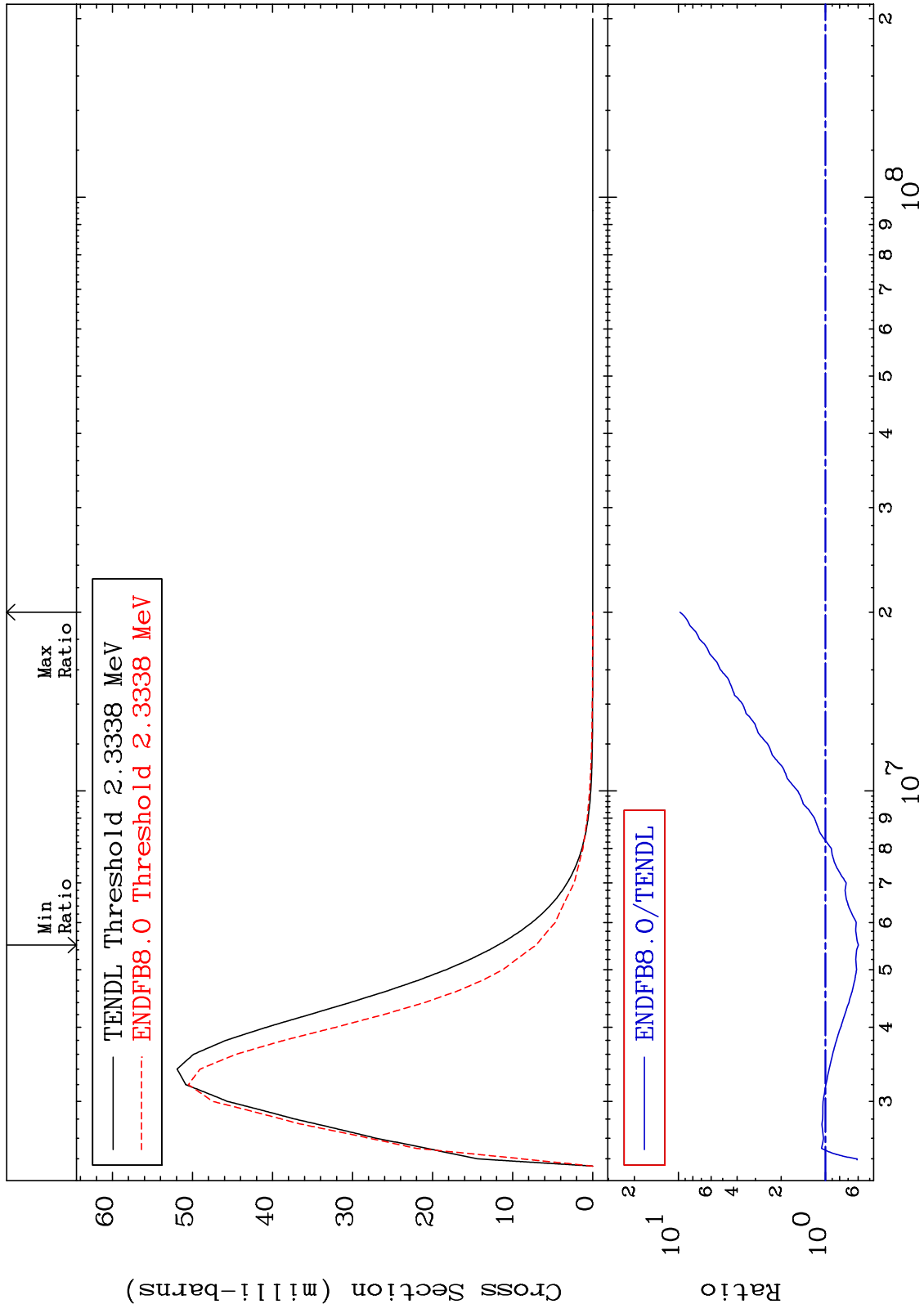
MAT 2840 MT= 65 (n,n') Level Cross Section 28-Ni-63
 -46.13 To 835.5 %



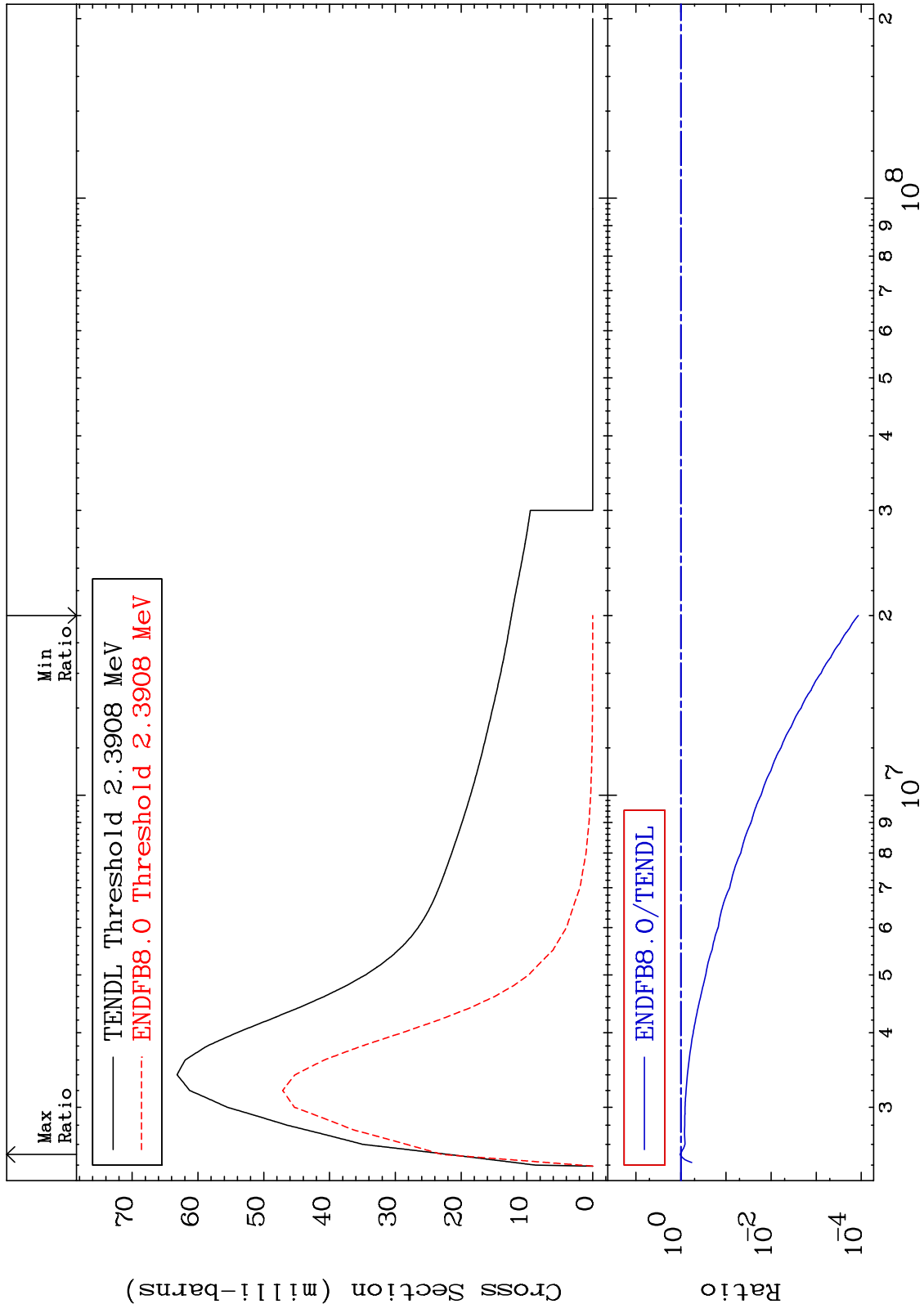
MAT 2840 MT= 66 (n,n') Level Cross Section 28-Ni-63
 -40.18 To 876.2 %



MAT 2840 MT= 67 (n,n') Level Cross Section -40.33 To 876.8 % 28-Ni-63



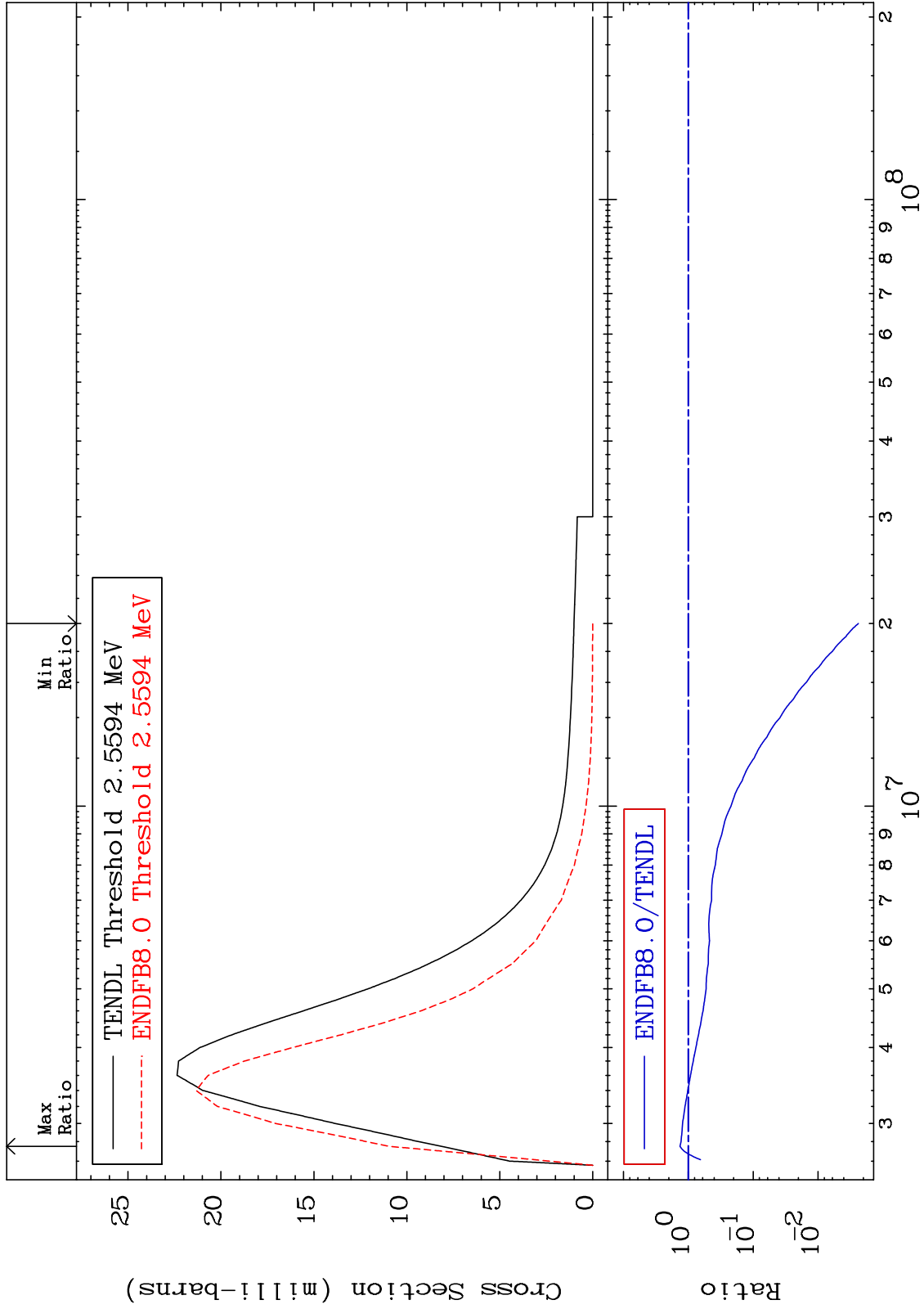
MAT 2840 MT= 68 (n,n') Level Cross Section 28-Ni-63
 -99.99 To 4.770 %



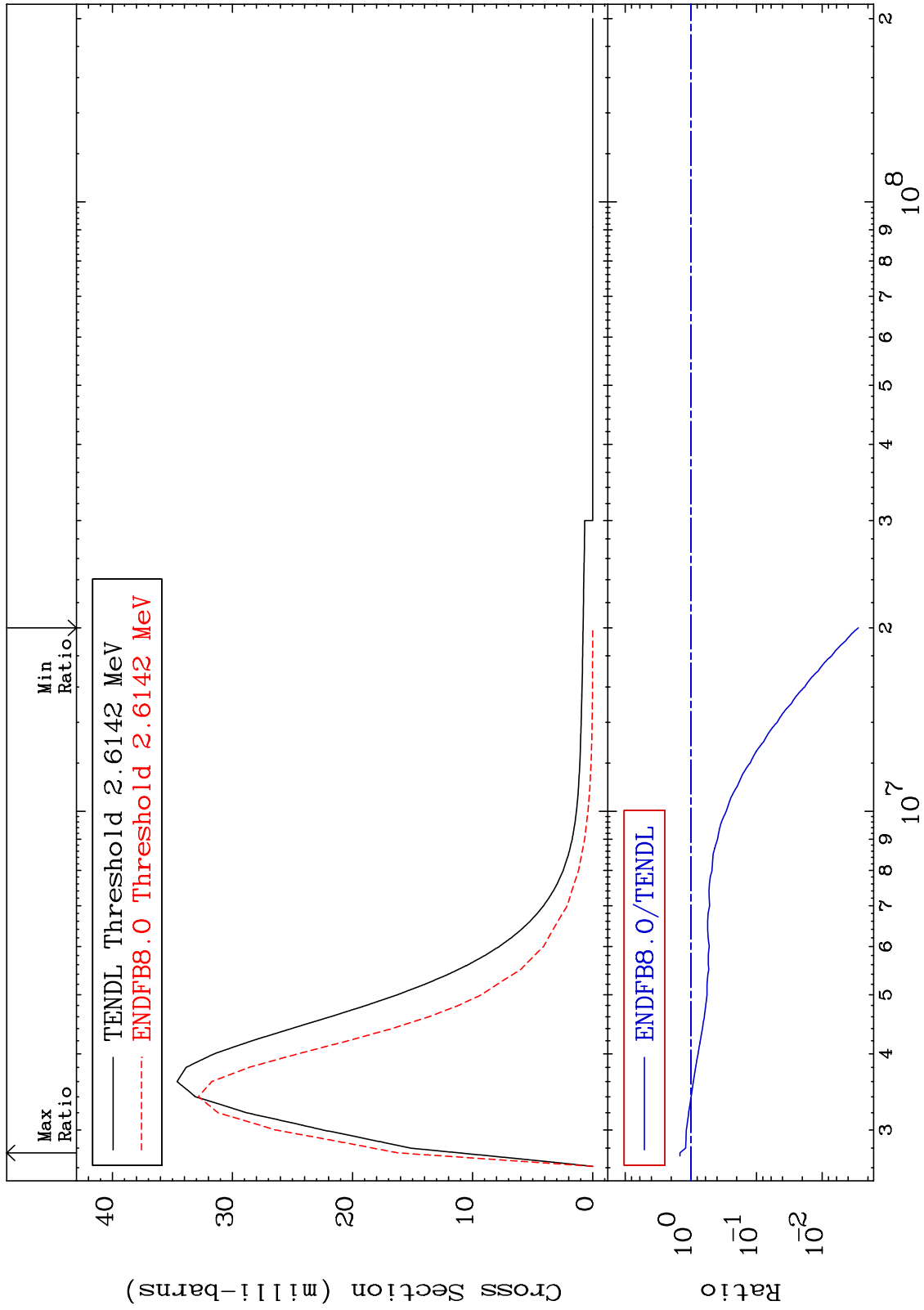
MAT 2840

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

28-Ni-63
-99.76 To 34.31 %

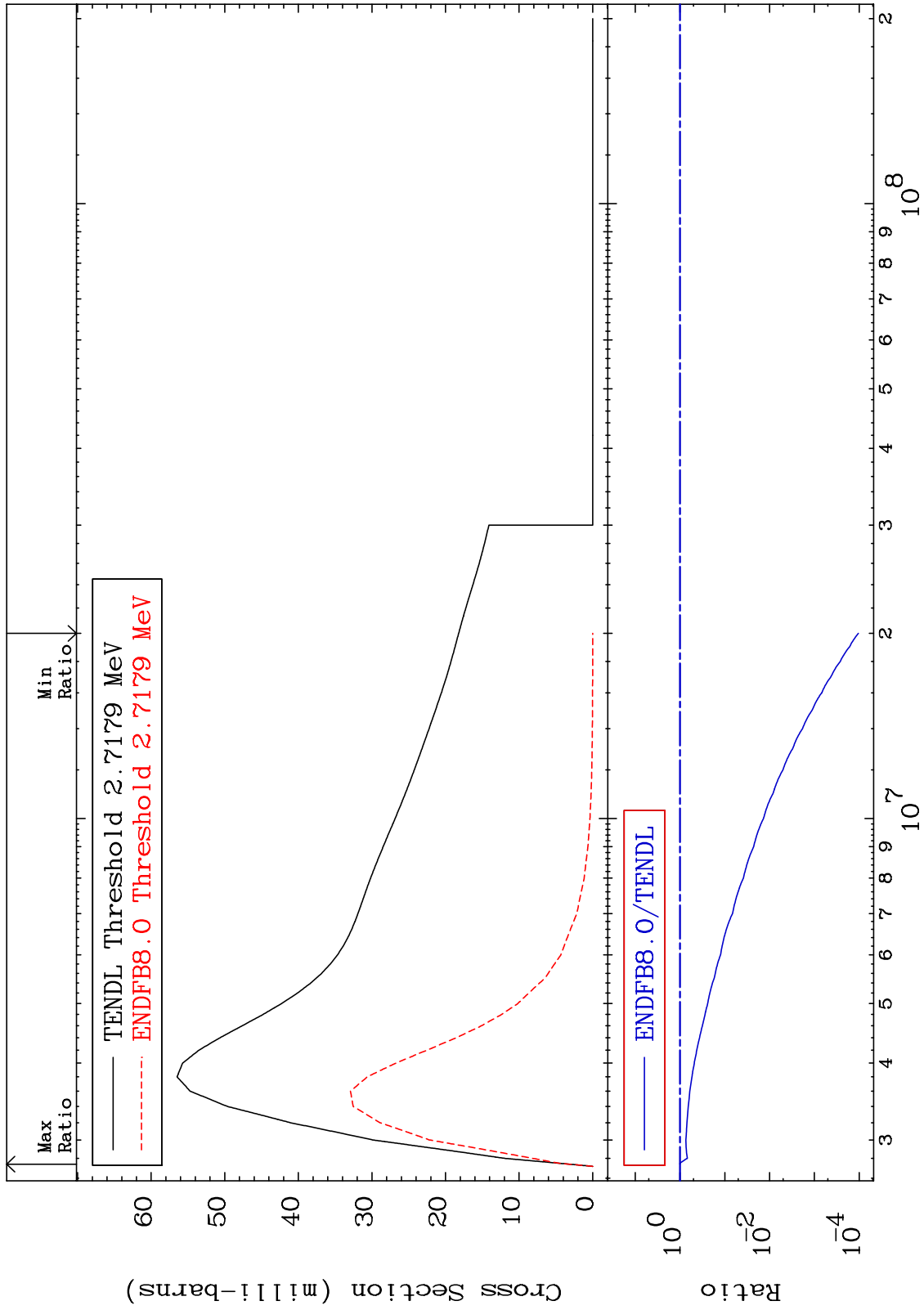


MAT 2840 MT= 70 (n,n') Level Cross Section 28-Ni-63
 -99.72 To 46.38 %

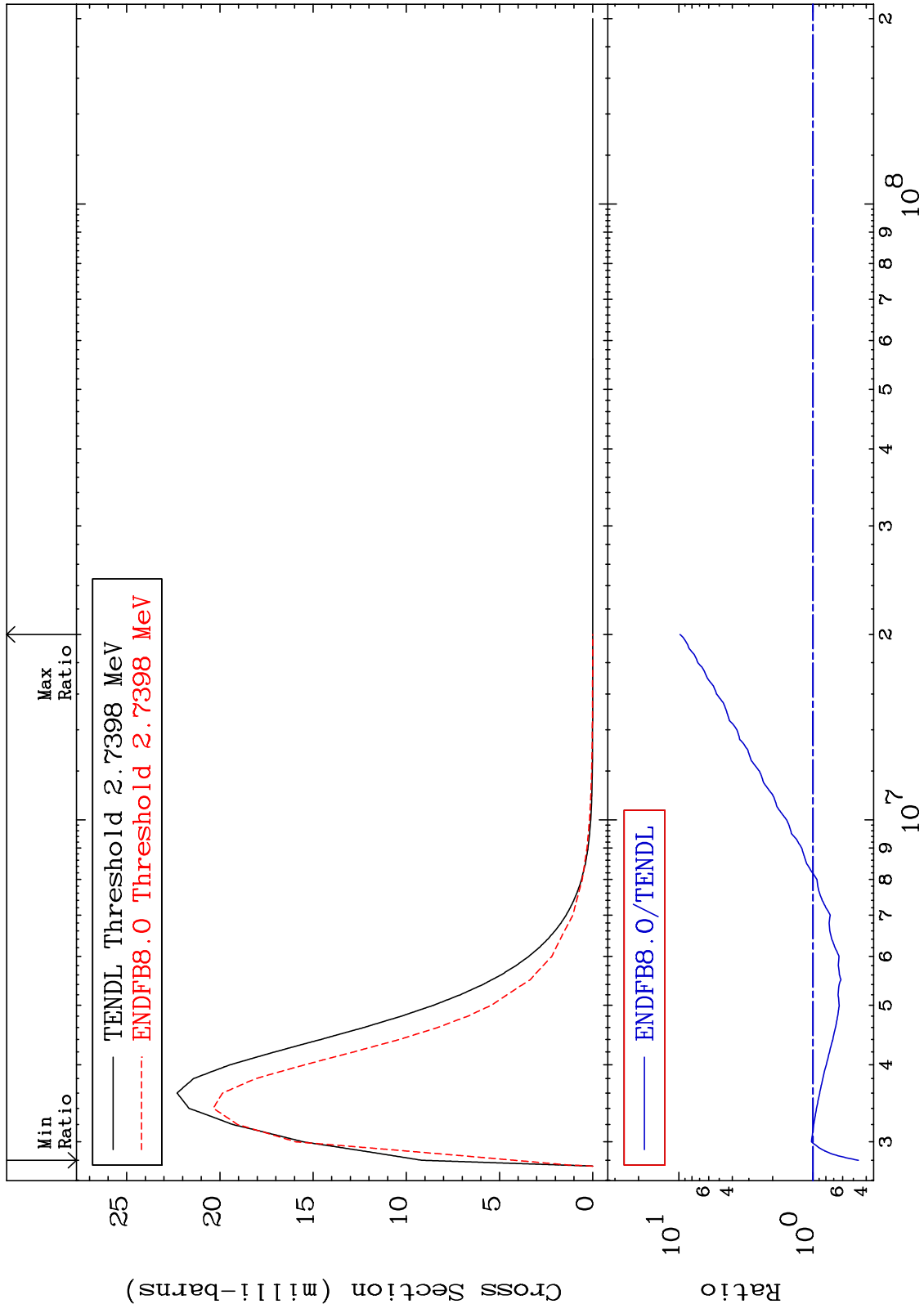


24 28-Ni-63 Incident Energy (eV)

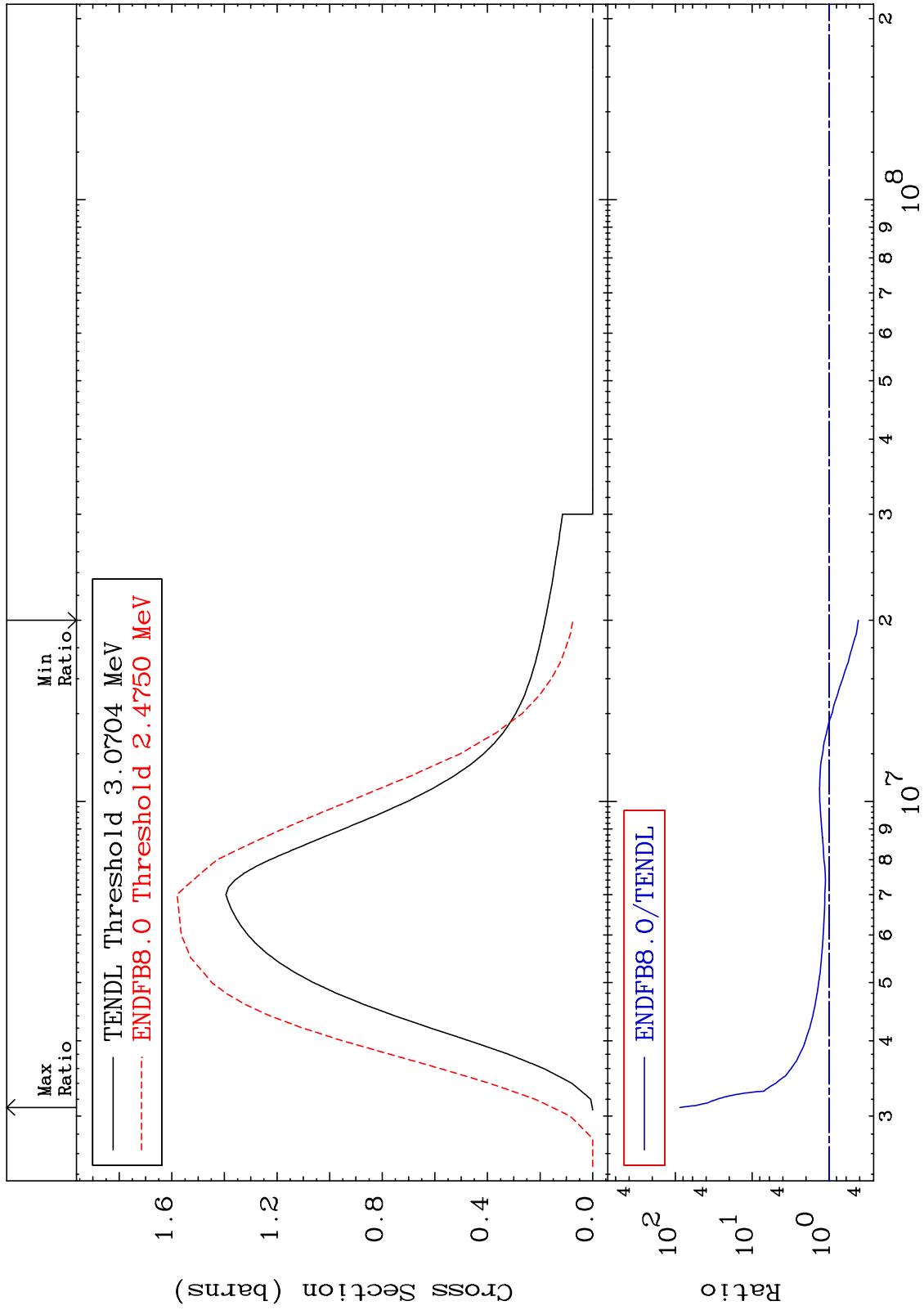
MAT 2840 MT= 71 (n,n') Level Cross Section 28-Ni-63
 -99.99 To -0.151%



MAT 2840 MT= 72 (n,n') Level 28-Ni-63
 Cross Section -54.25 To 881.2 %



MAT 2840 (n, n') Continuum Cross Section 28-Ni-63 -58.54 To 8623. %



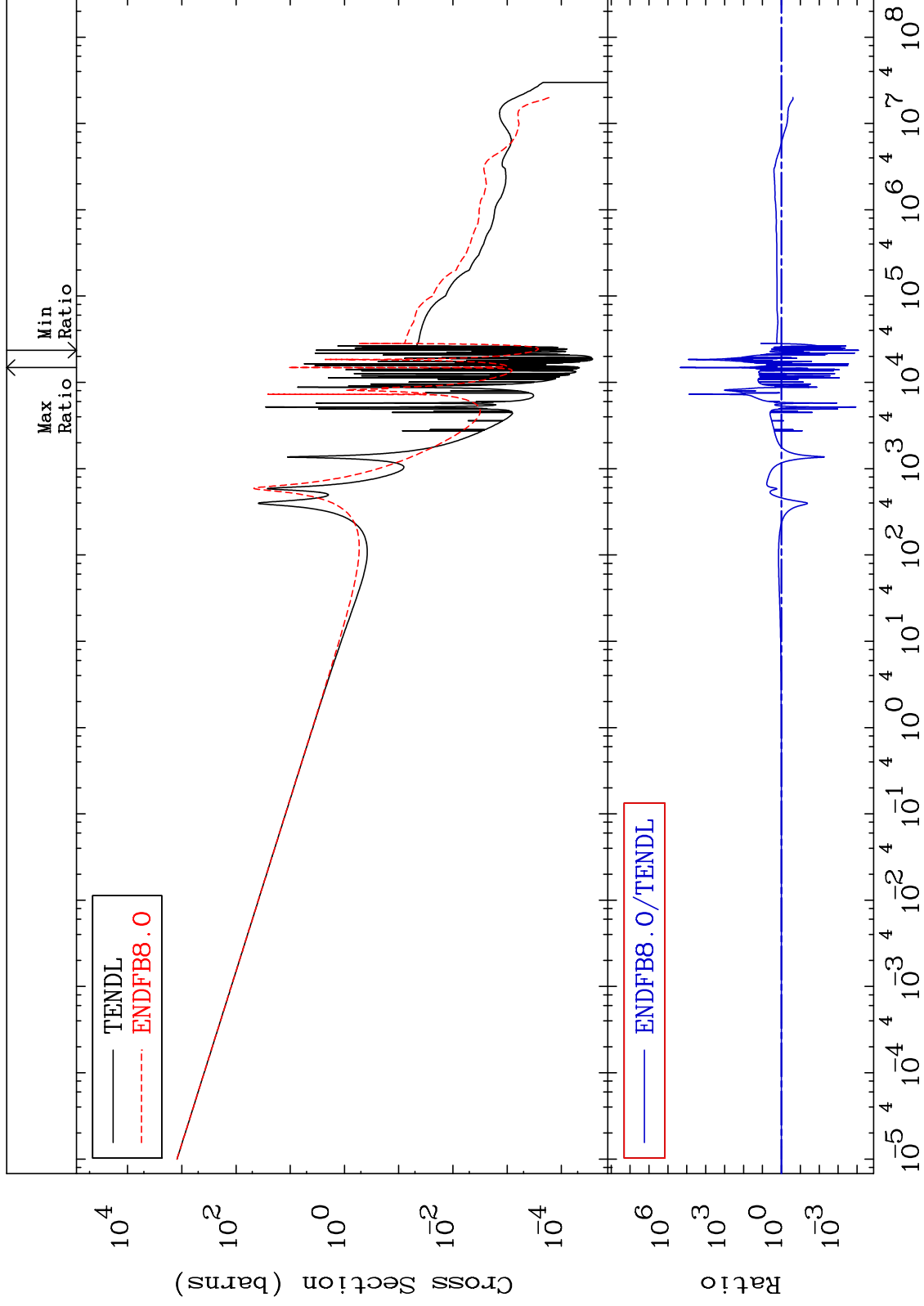
MAT 2840

(n, γ)

28-Ni-63

Cross Section

-99.99 To 9999. %

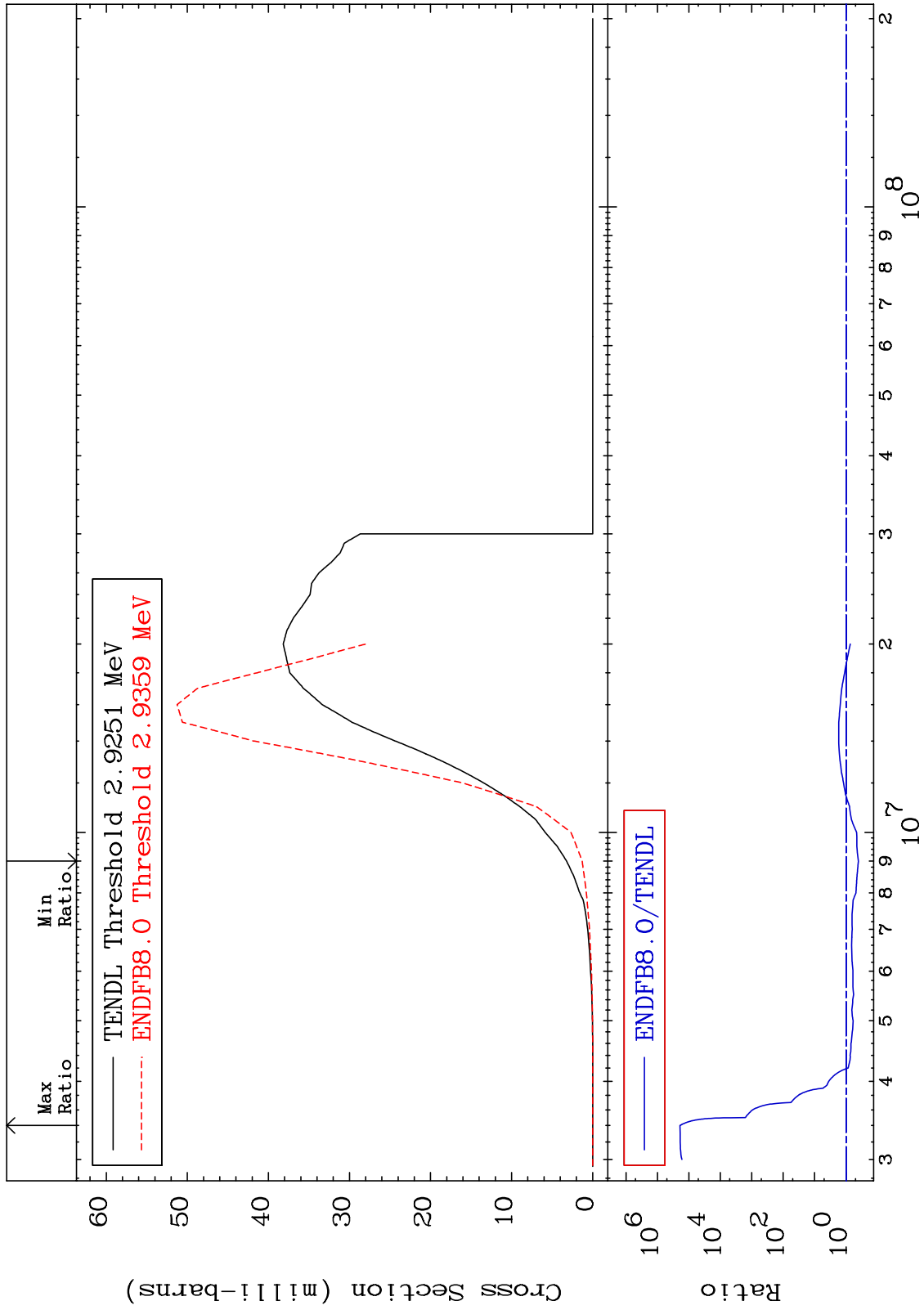


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Incident Energy (eV)

28-Ni-63

MAT 2840 (n,p) Cross Section 28-Ni-63 -59.58 To 9999. %



28-Ni-63 Incident Energy (eV)

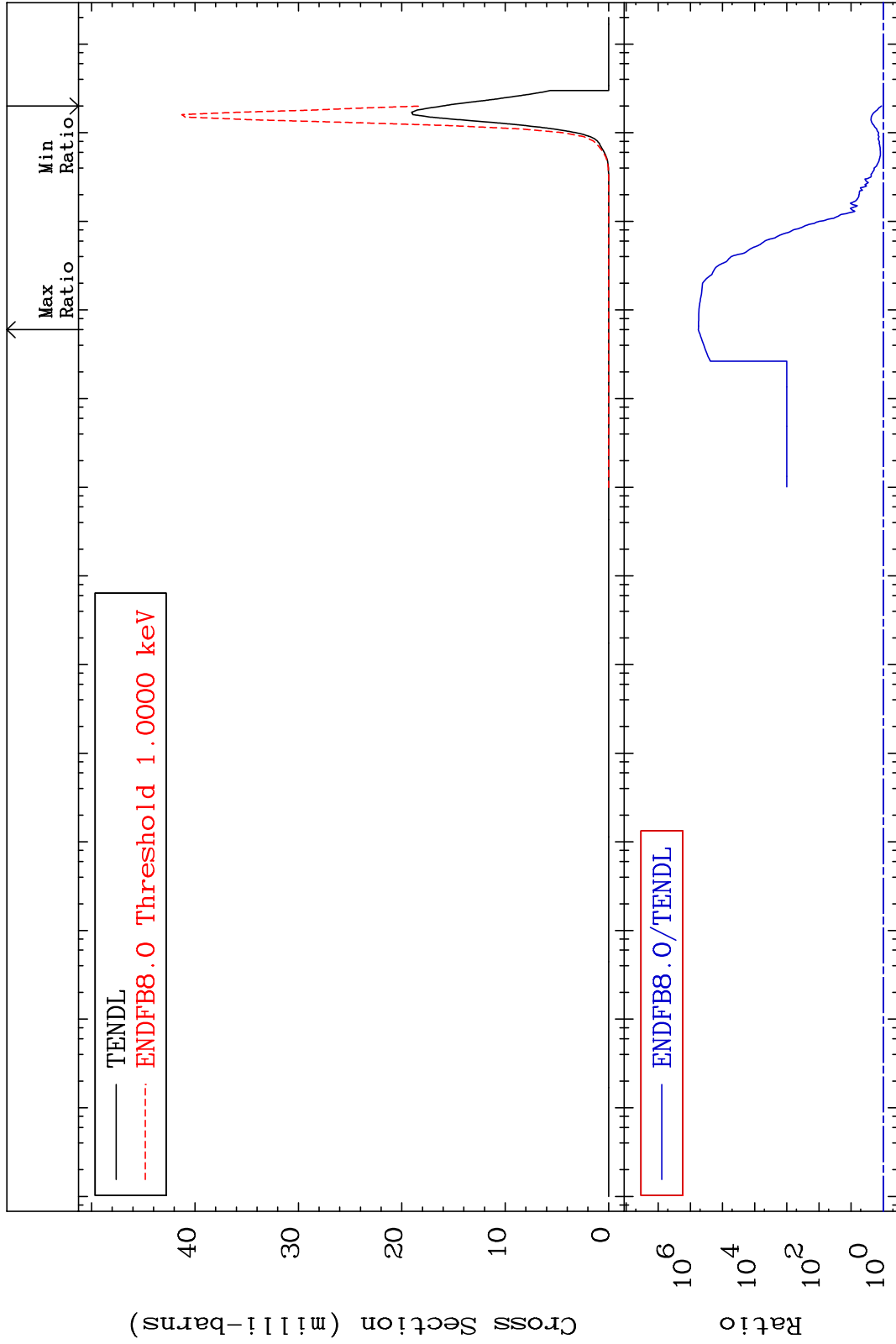
MAT 2840

(n, α)

28-Ni-63

Cross Section

12.52 To 9999. %



Incident Energy (eV)

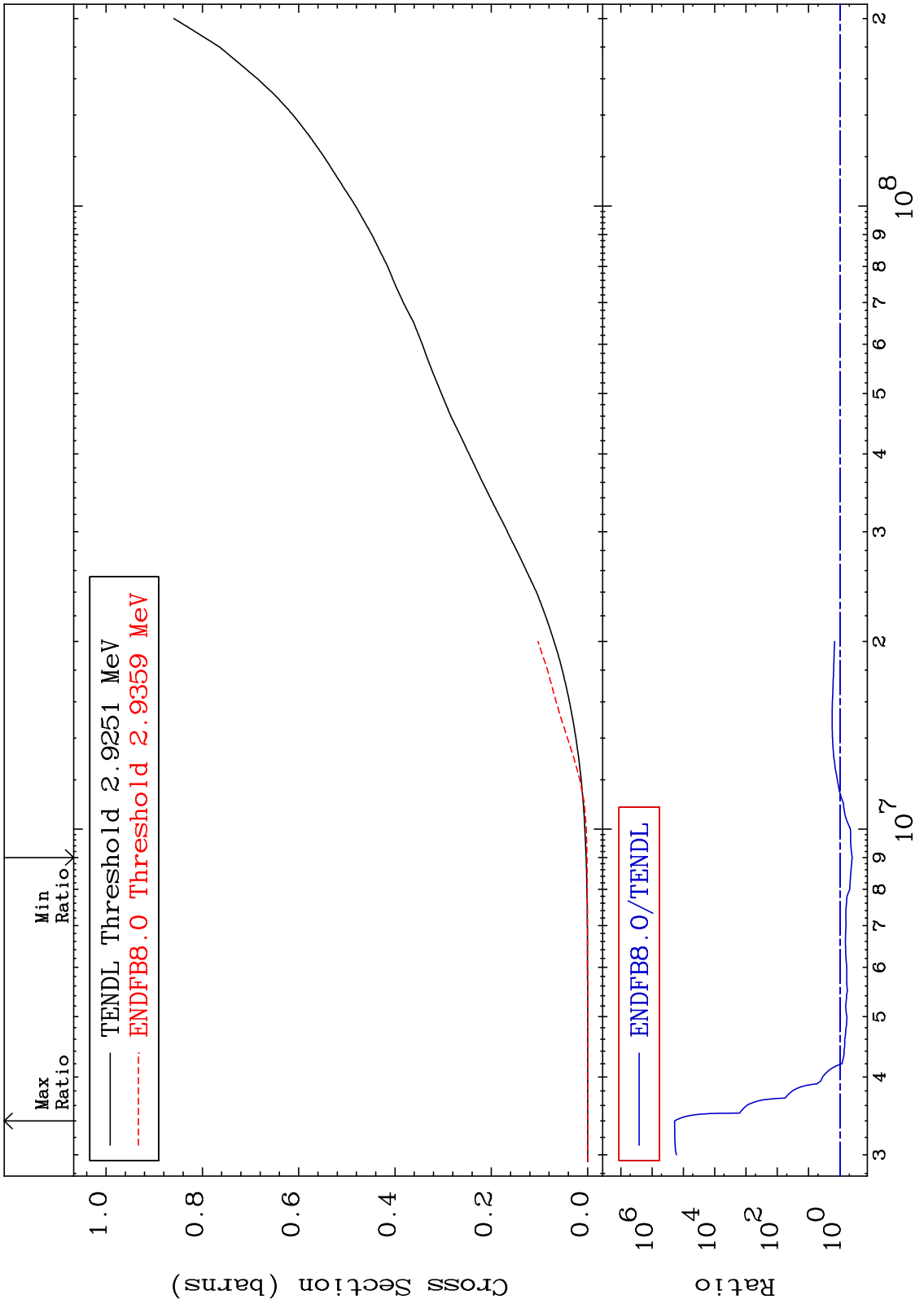
30

28-Ni-63

MAT 2840

Hydrogen Production
Cross Section

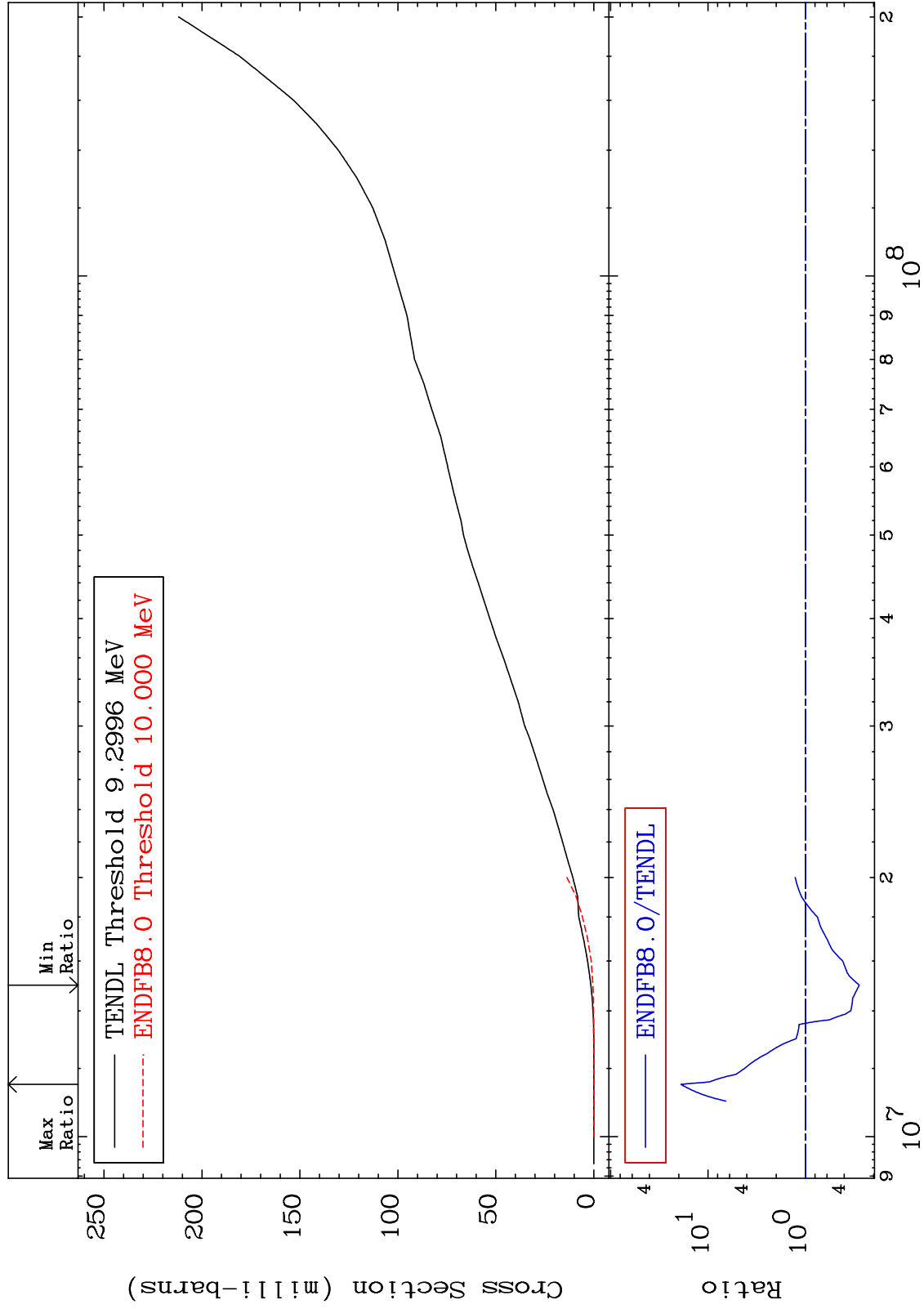
28-Ni-63
-59.58 To 9999. %



MAT 2840

Deuterium Production
Cross Section

28-Ni-63
-71.97 To 1793. %



32

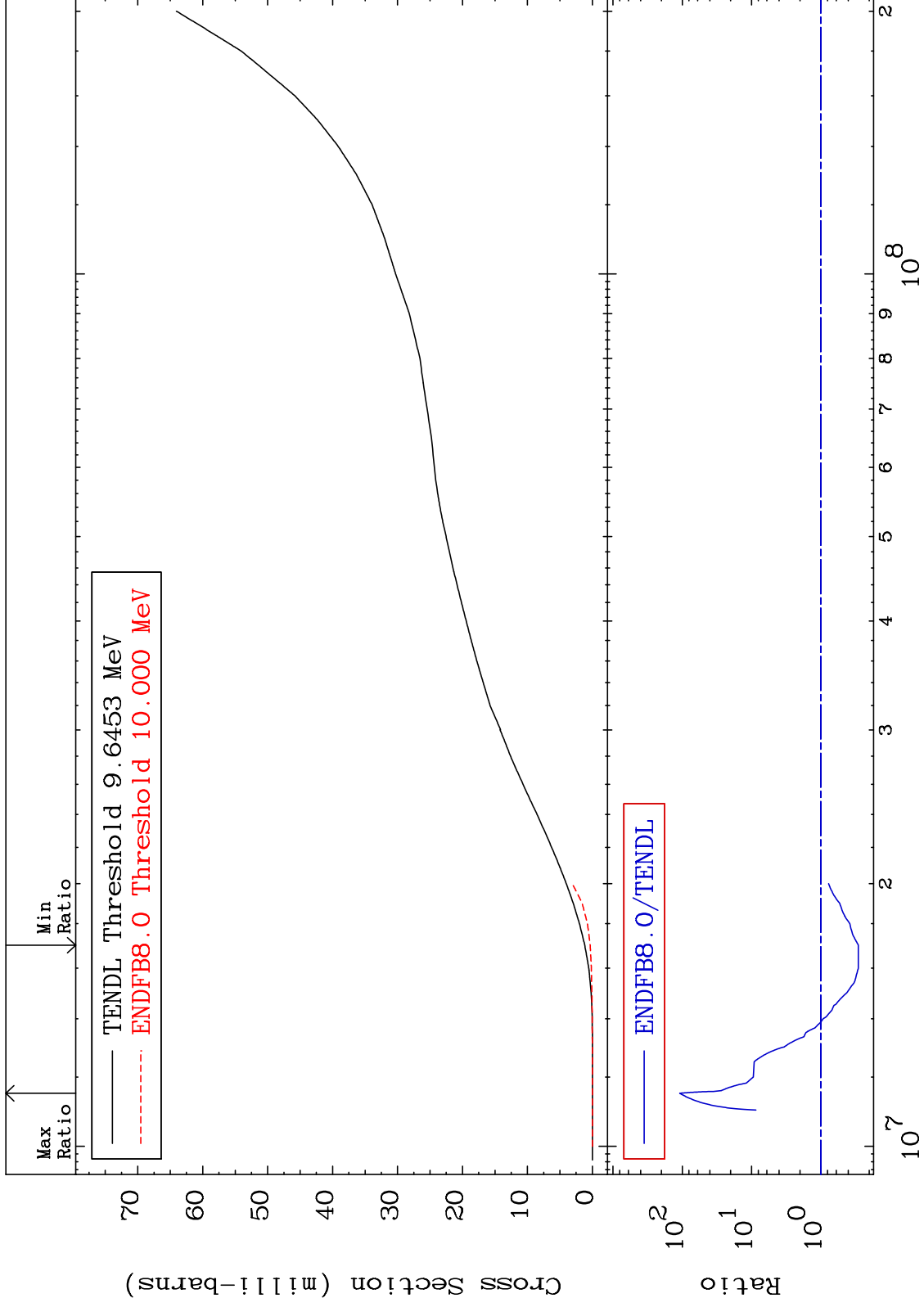
Incident Energy (eV)

28-Ni-63

MAT 2840

Tritium Production
Cross Section

28-Ni-63
-71.31 To 9999. %



33

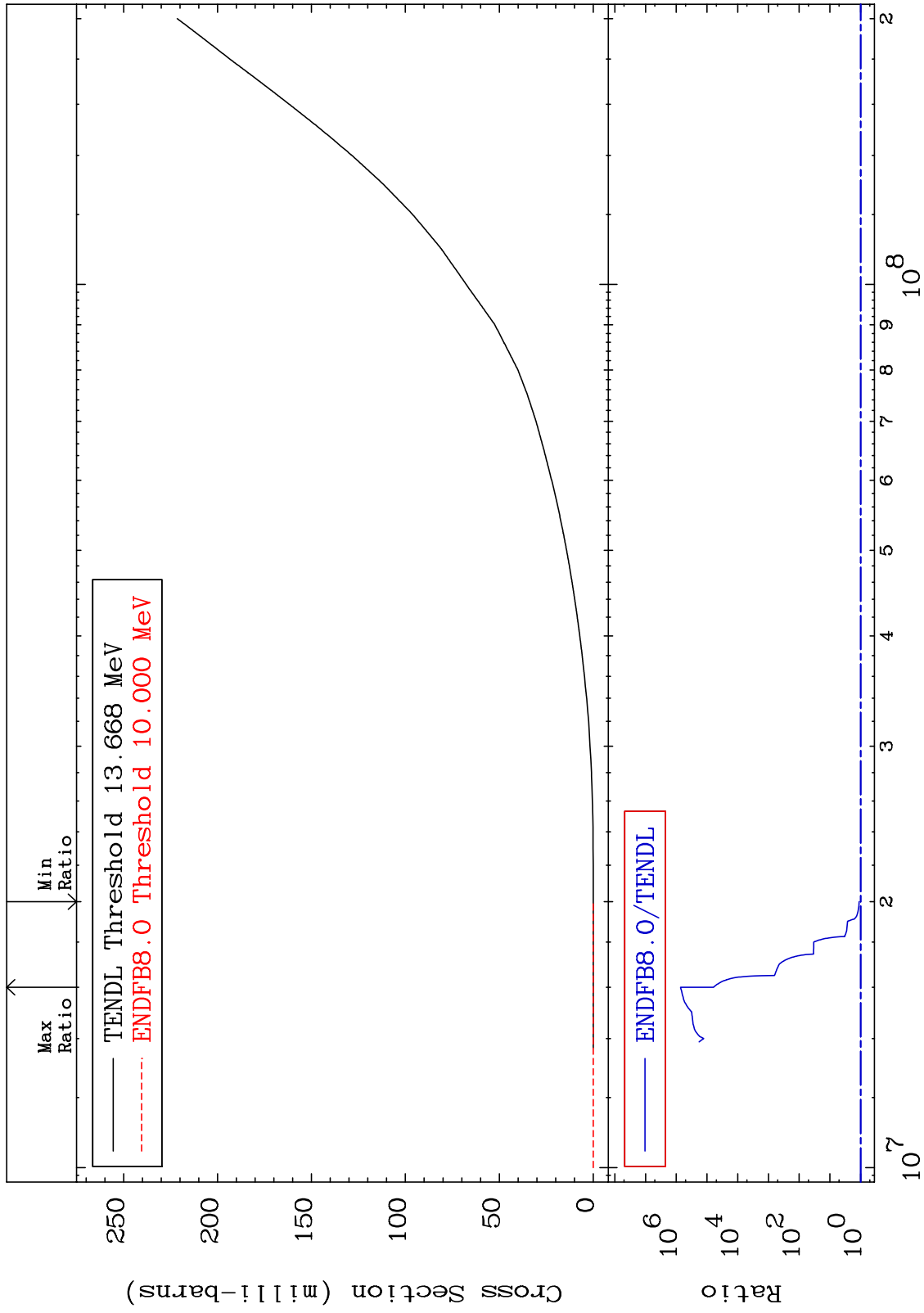
Incident Energy (eV)

28-Ni-63

MAT 2840

He-3 Production
Cross Section

28-Ni-63
11.50 To 9999. %



34

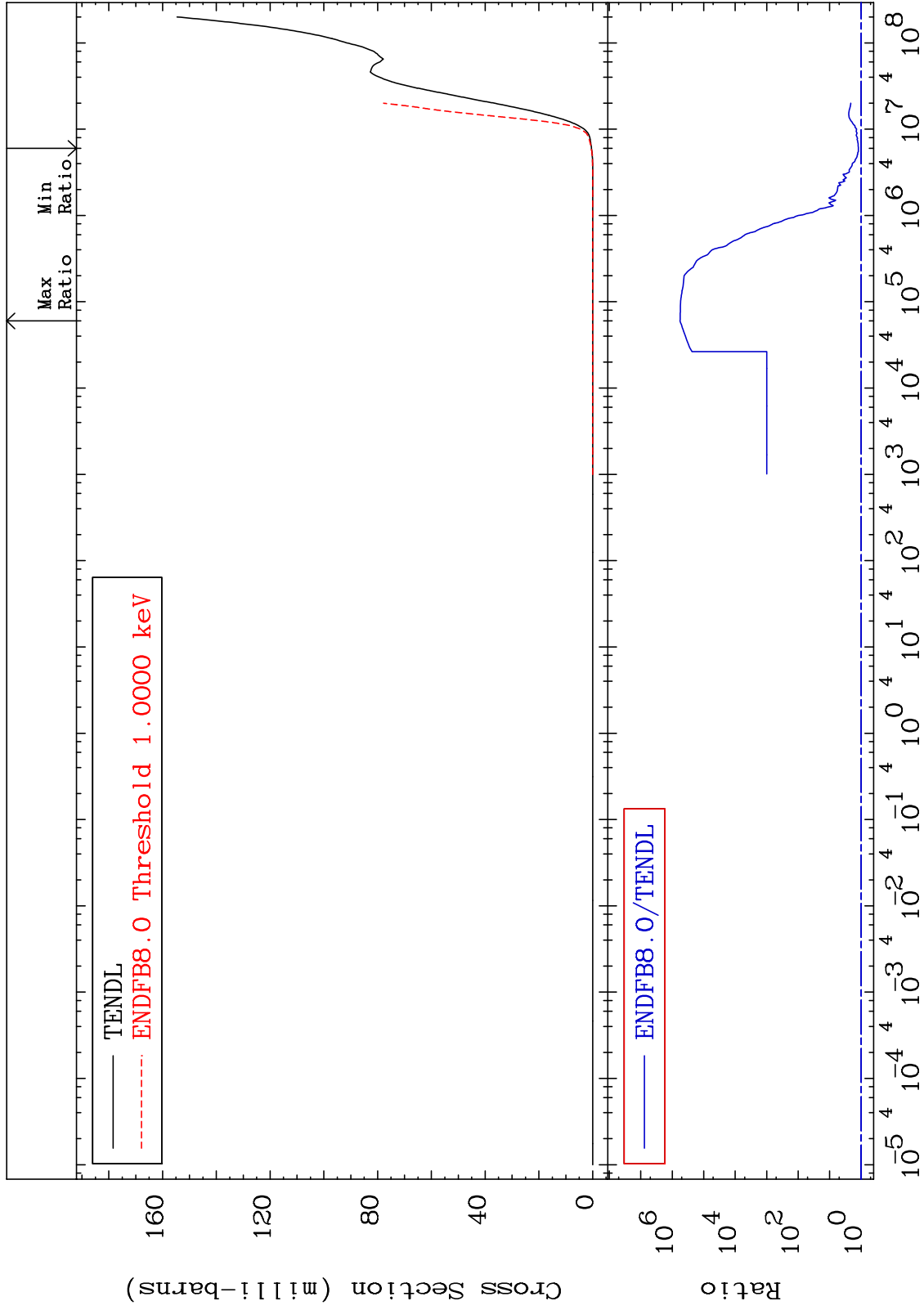
Incident Energy (eV)

28-Ni-63

MAT 2840

He-4 Production
Cross Section

28-Ni-63
21.71 To 9999. %



35

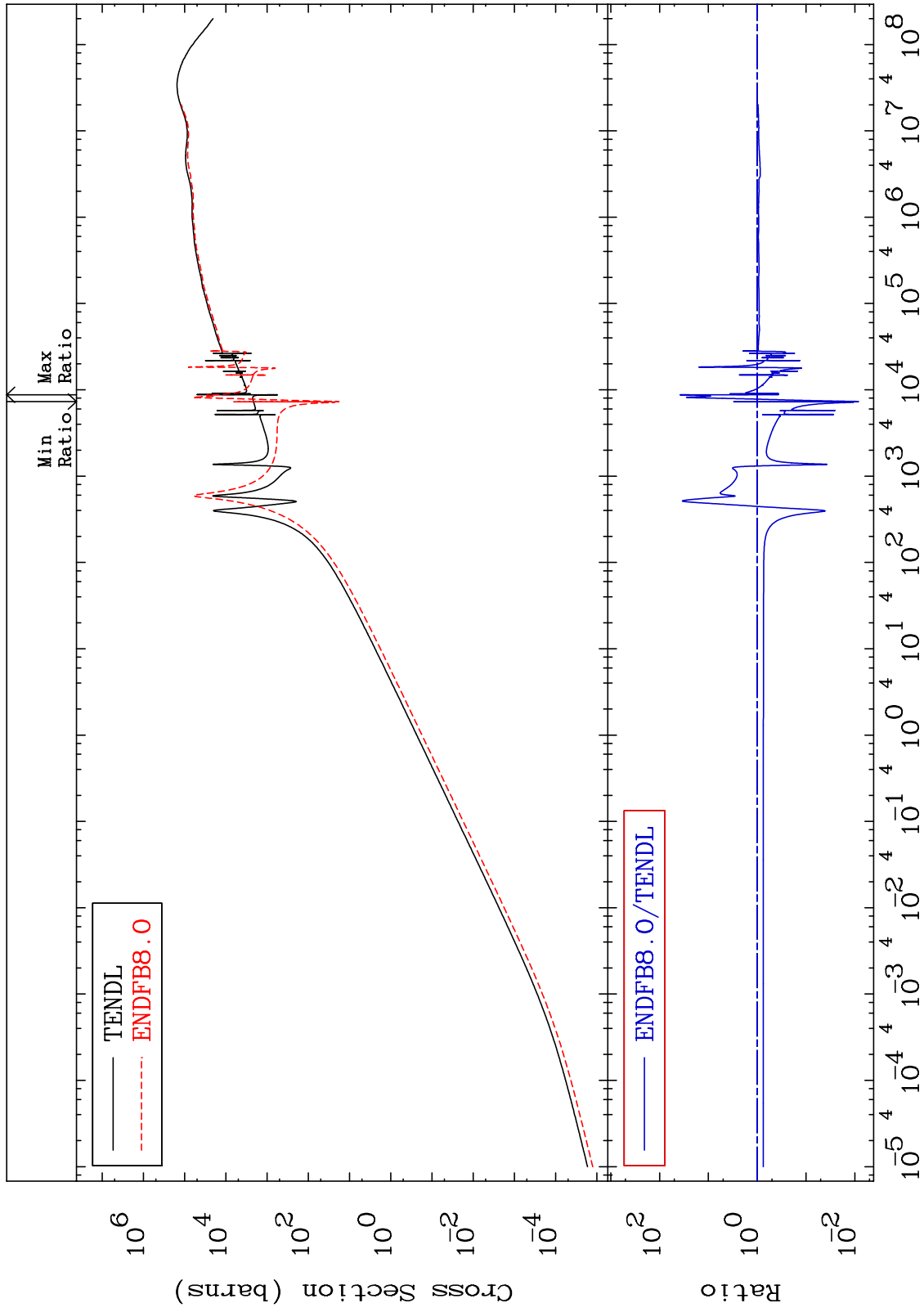
Incident Energy (eV)

28-Ni-63

MAT 2840

Kerma elastic
Cross Section

28-Ni-63
-99.16 To 3716. %



37

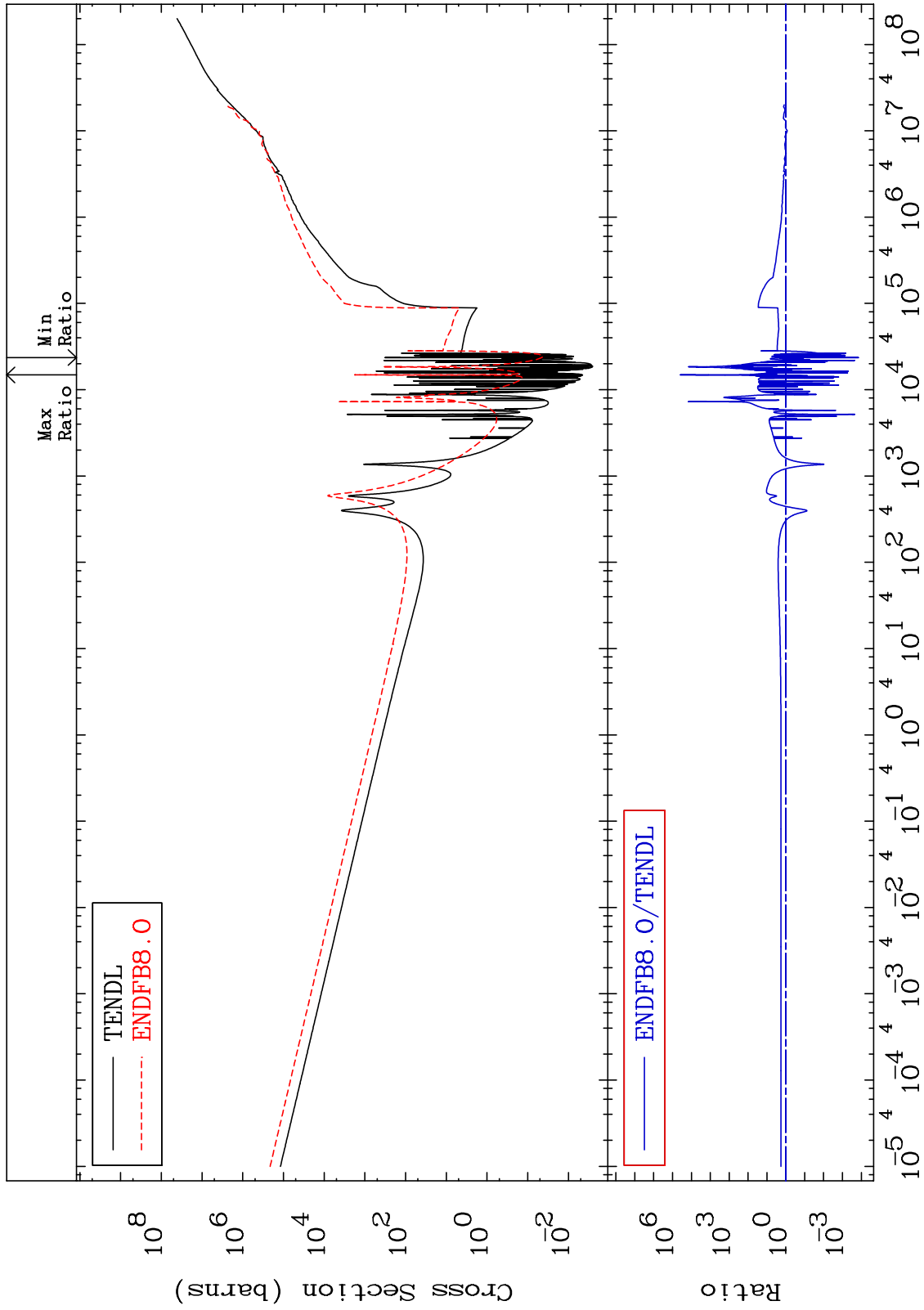
Incident Energy (eV)

28-Ni-63

MAT 2840

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-63
-99.99 To 9999. %



38

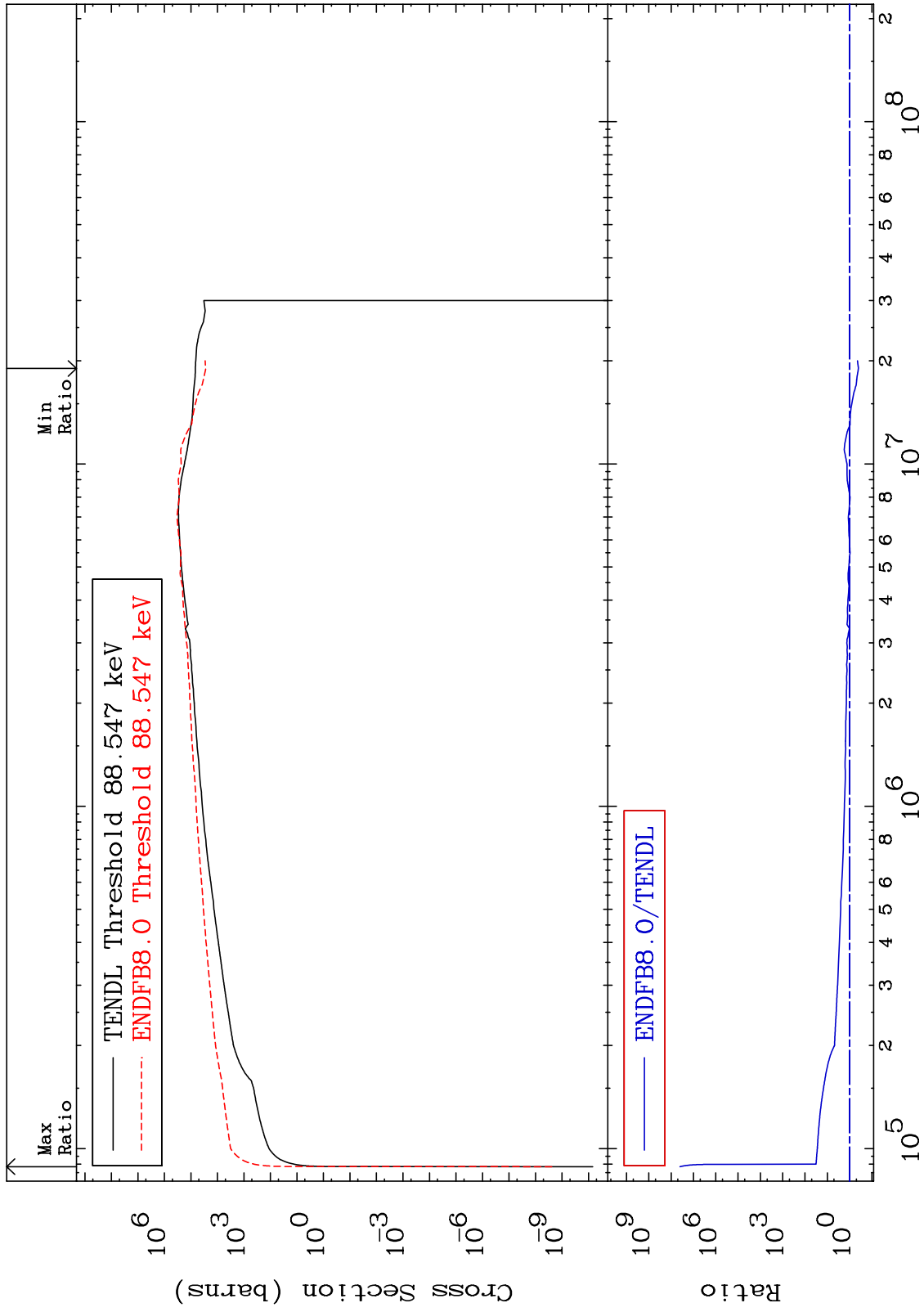
Incident Energy (eV)

28-Ni-63

MAT 2840

Kerma inelastic (mt51-91)
Cross Section

28-Ni-63
-59.57 To 9999. %



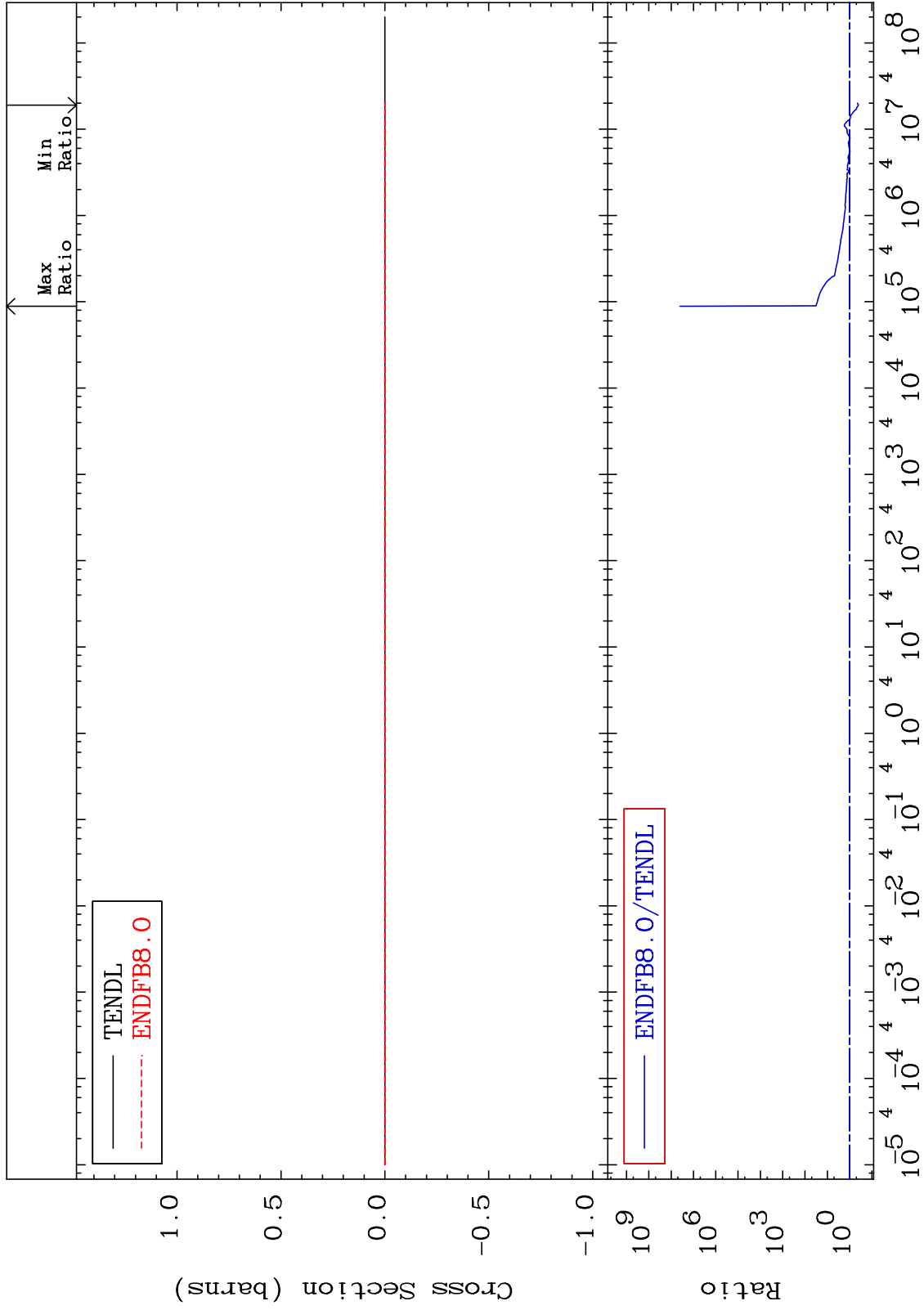
39

28-Ni-63

MAT 2840

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

28-Ni-63
-59.57 To 9999. %



40

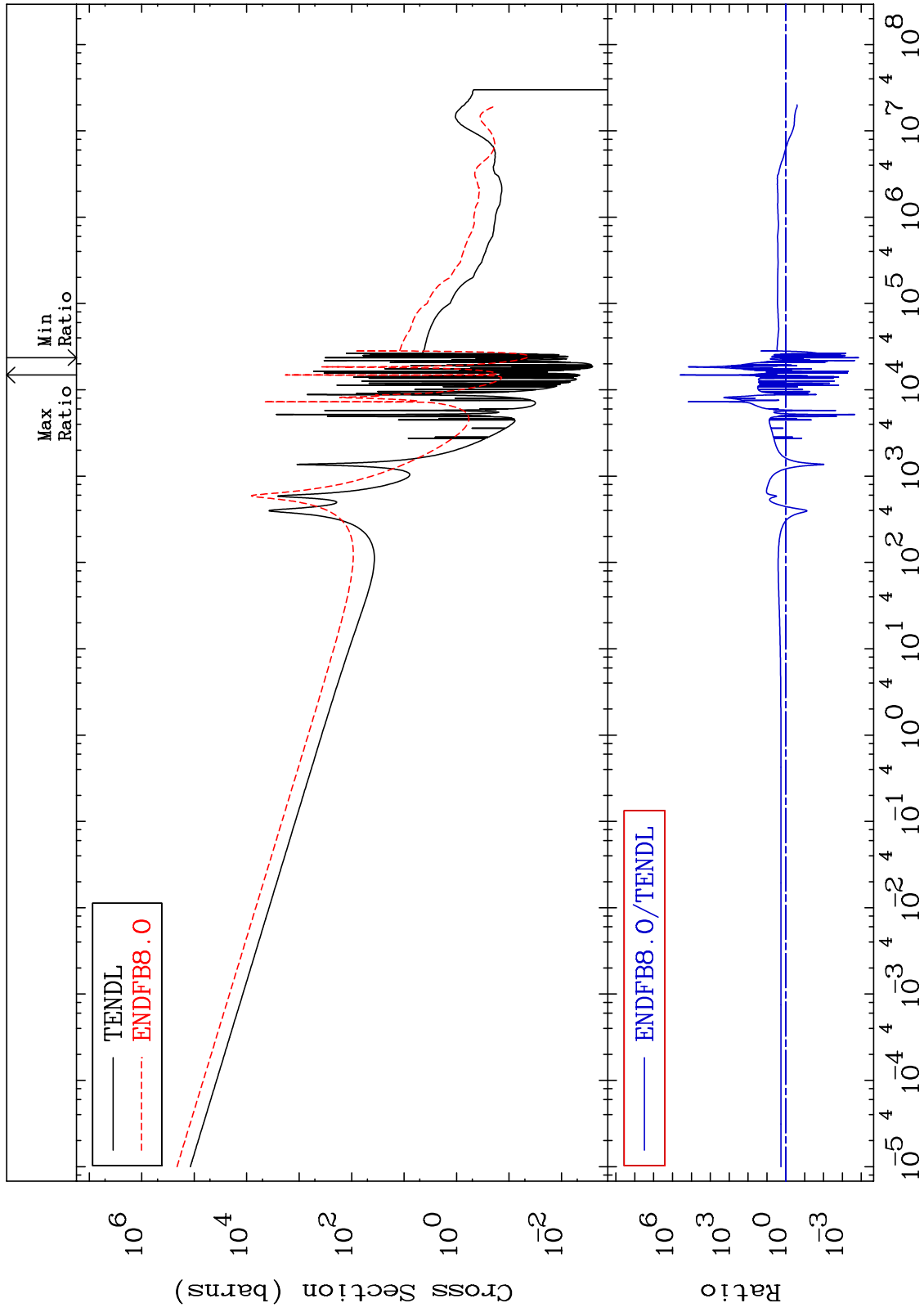
Incident Energy (eV)

28-Ni-63

MAT 2840

Kerma capture (mt102)
Cross Section

28-Ni-63
-99.99 To 9999. %



41

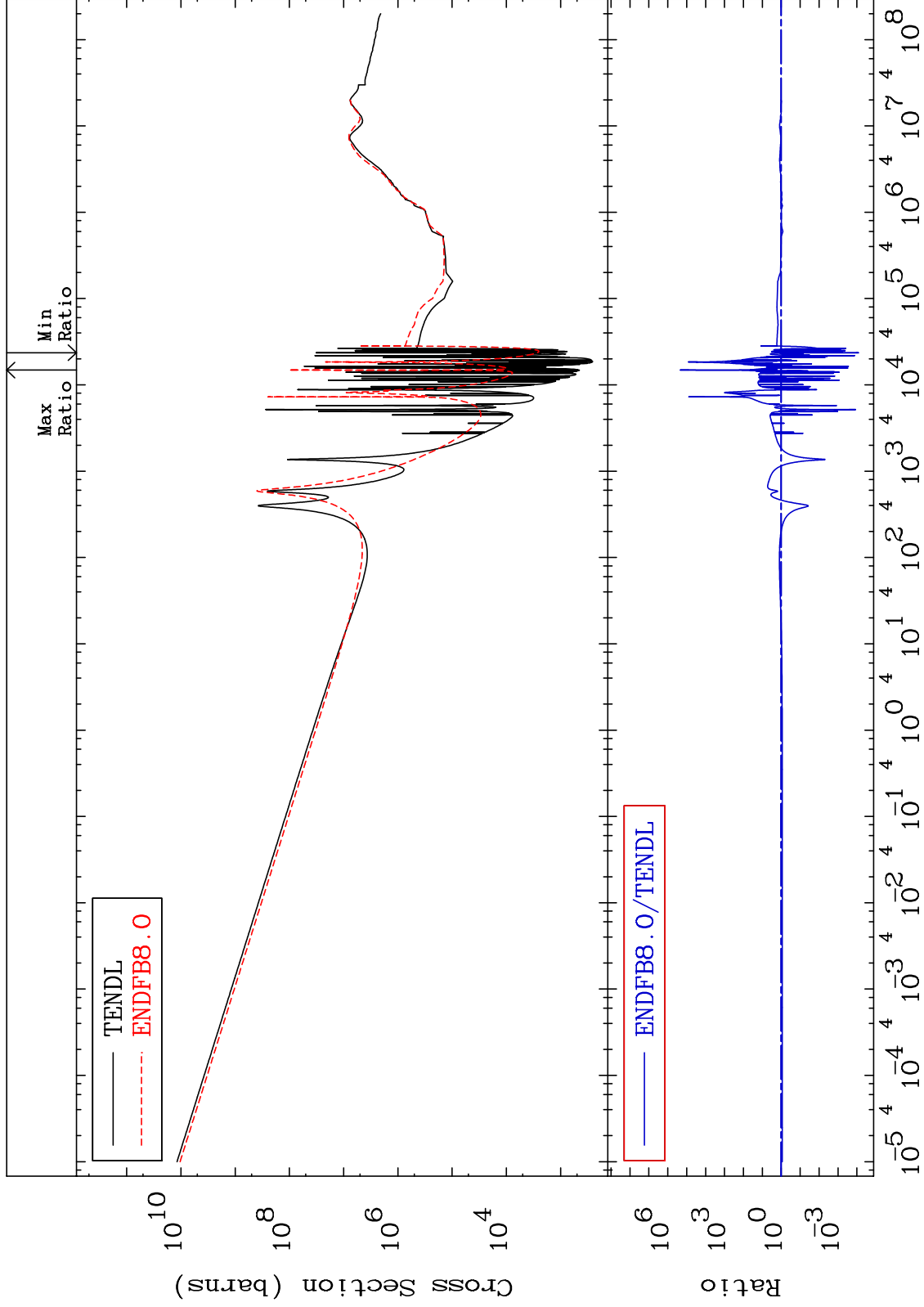
Incident Energy (eV)

28-Ni-63

MAT 2840

Total photon (eV-barns)
Cross Section

28-Ni-63
-99.99 To 9999. %



42

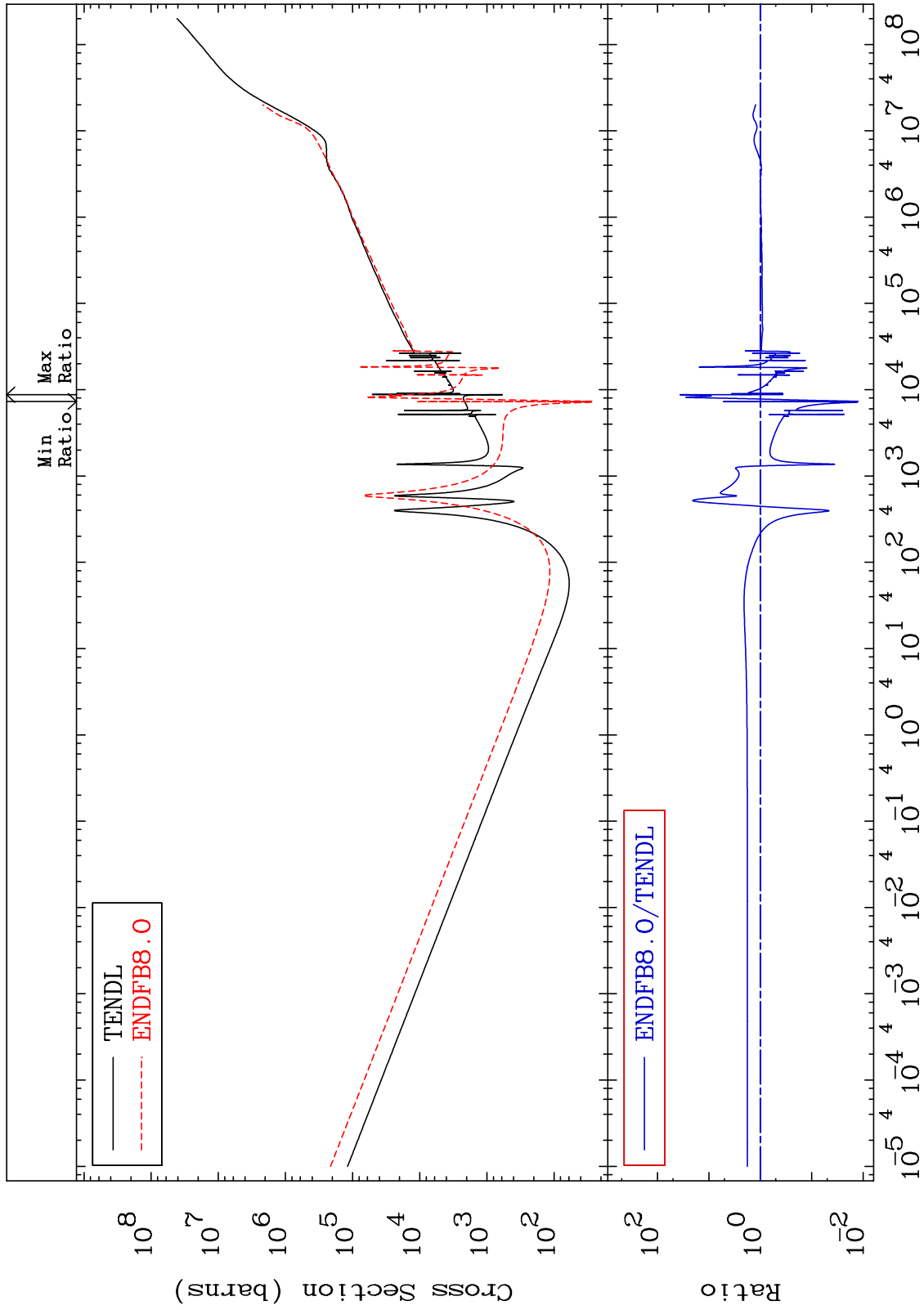
Incident Energy (eV)

28-Ni-63

MAT 2840

Total kinematic kerma (high limit)
Cross Section

28-Ni-63
-98.77 To 3558. %



43

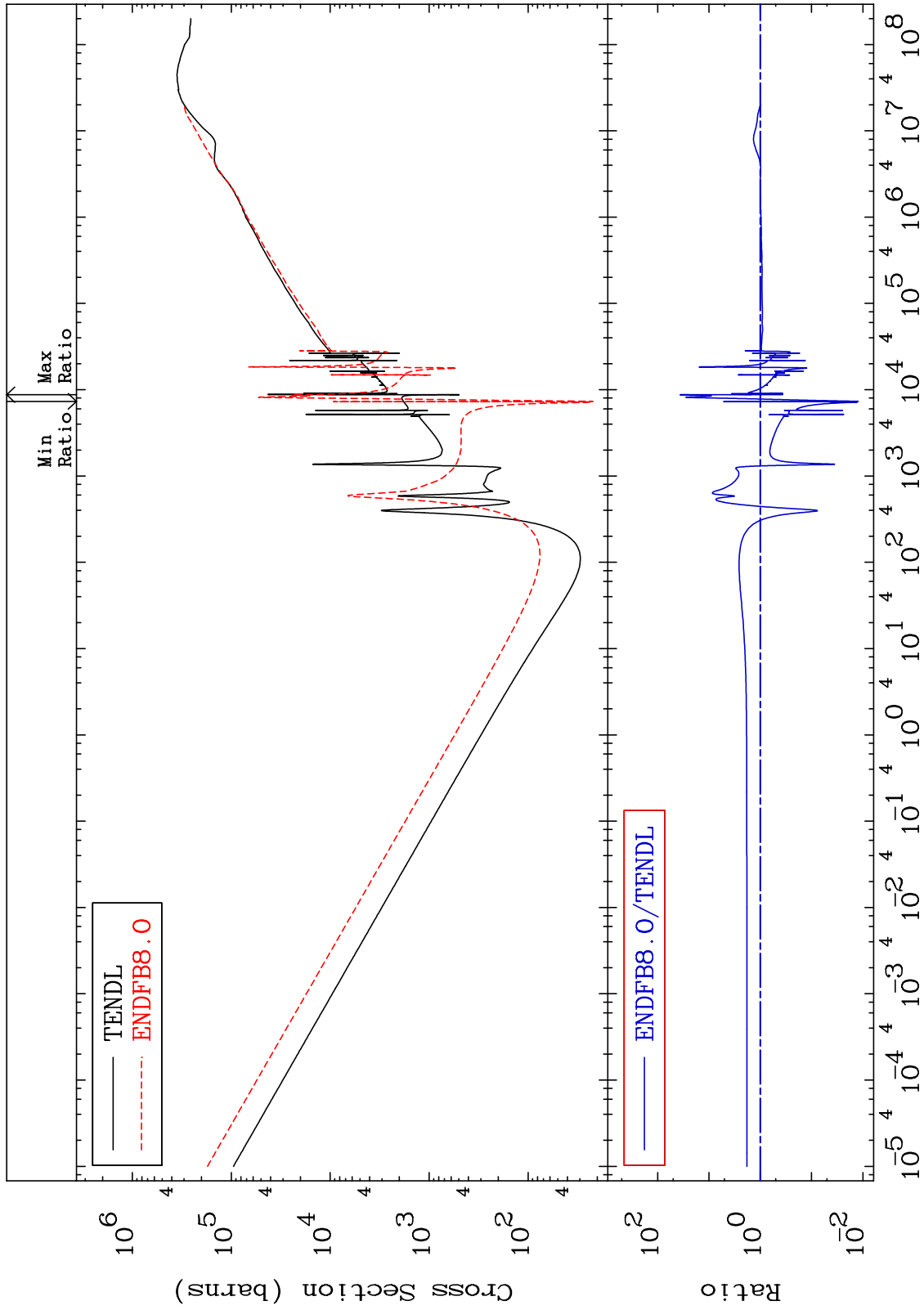
Incident Energy (eV)

28-Ni-63

MAT 2840

Dpa total (eV-barns)
Cross Section

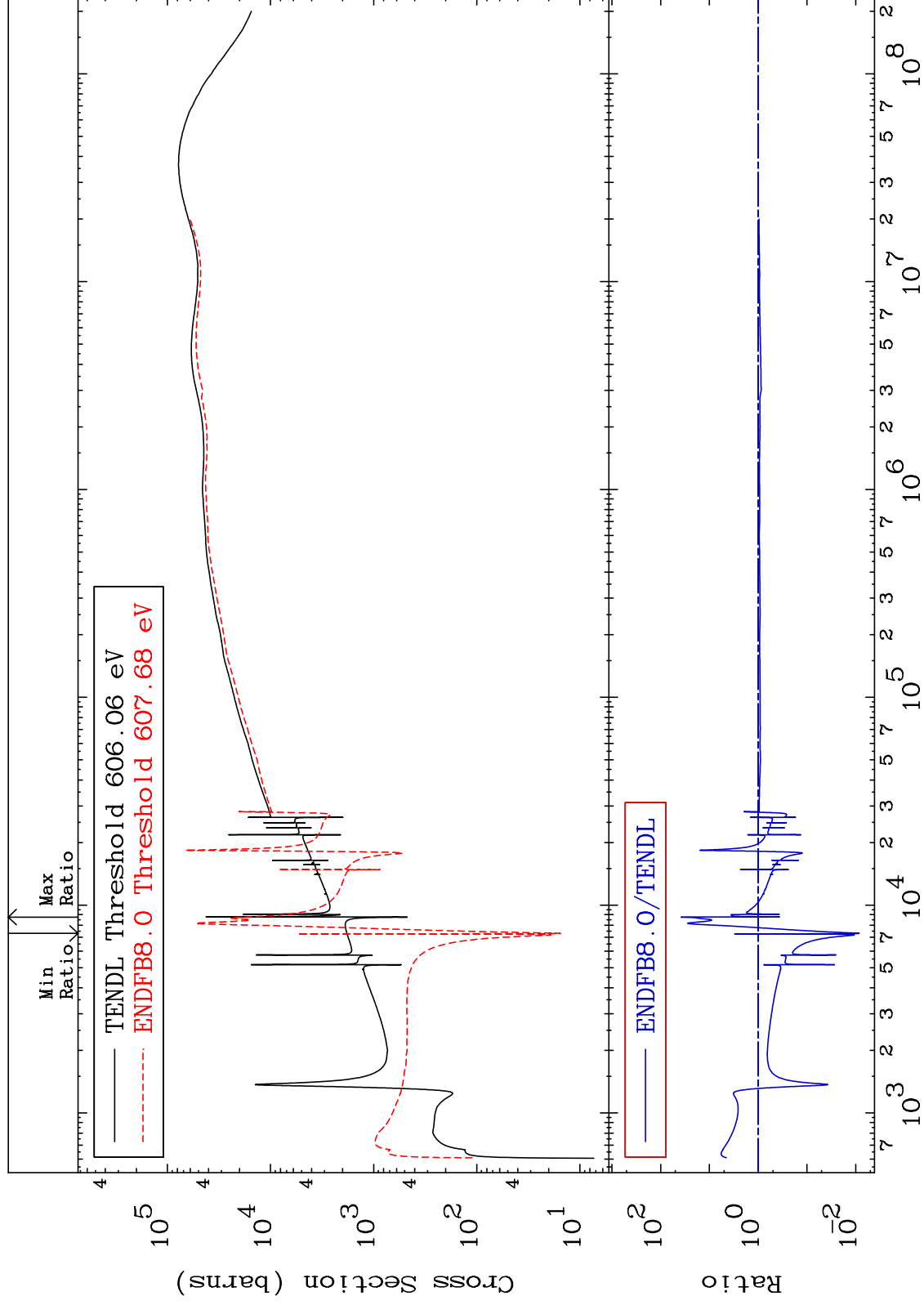
28-Ni-63
-98.78 To 3565. %



MAT 2840

Dpa elastic (mt2)
Cross Section

28-Ni-63
-99.16 To 3716. %



45

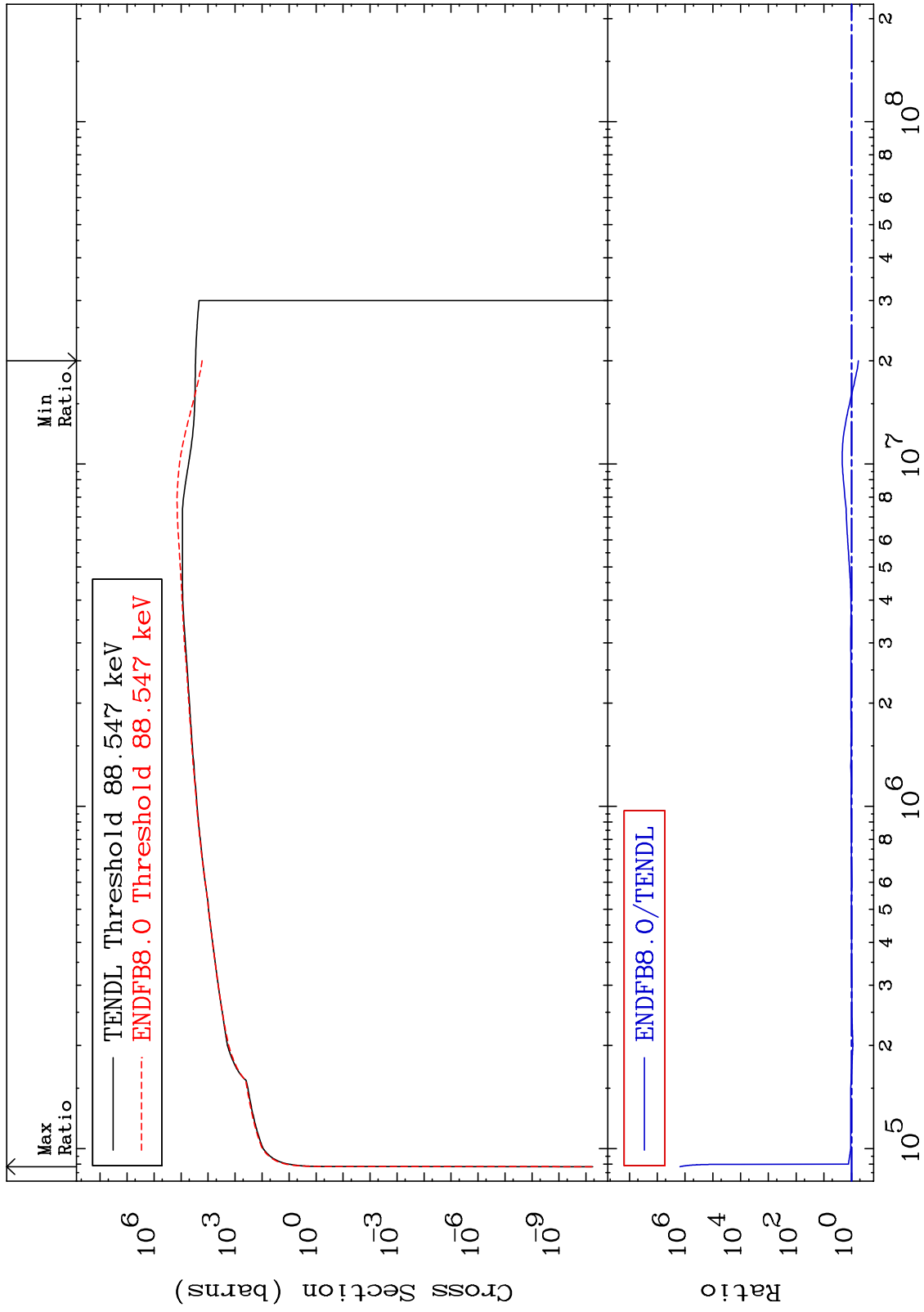
Incident Energy (eV)

28-Ni-63

MAT 2840

Dpa inelastic (mt51-91)
Cross Section

28-Ni-63
-42.97 To 9999. %



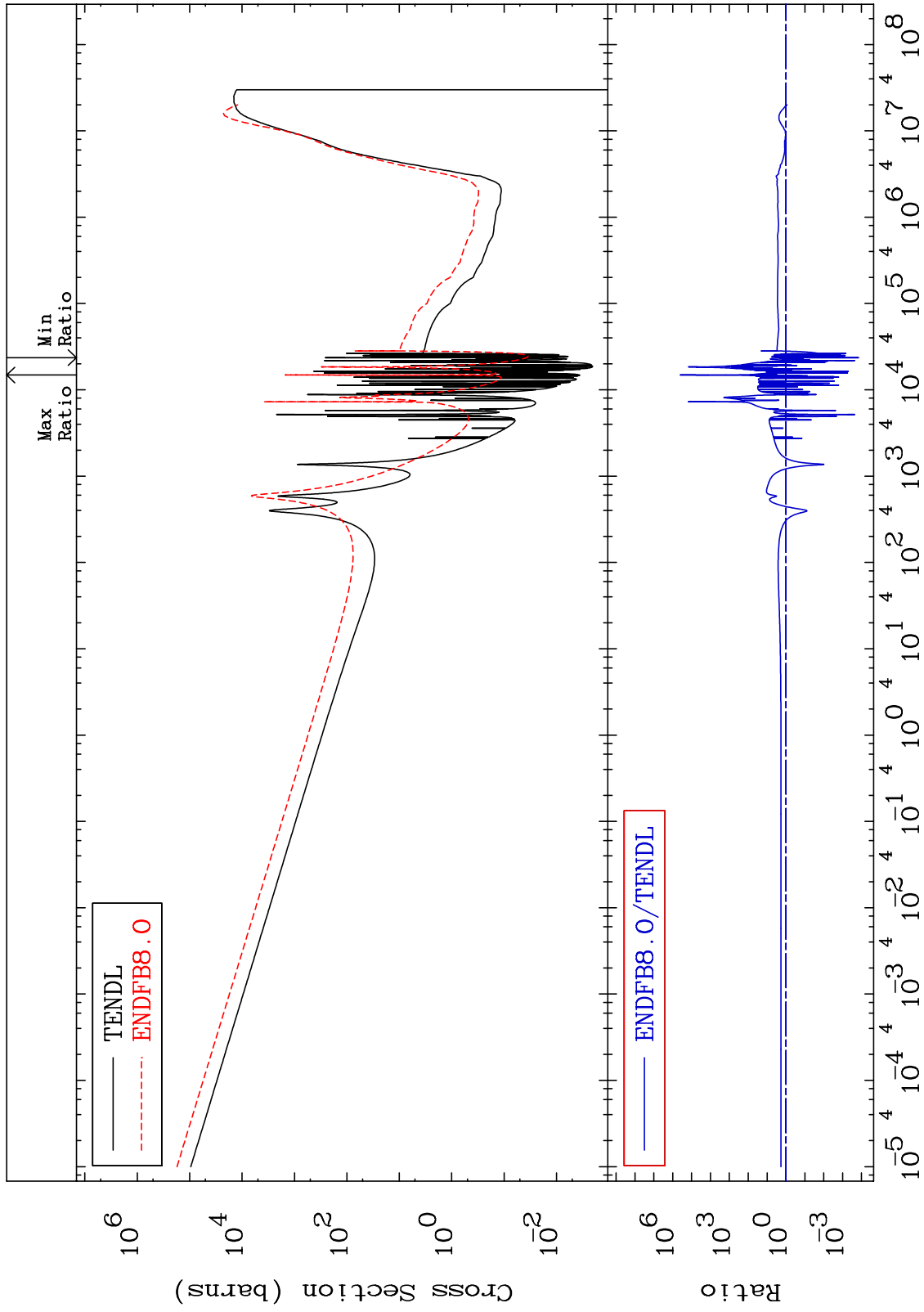
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28-Ni-63

MAT 2840

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-63
-99.99 To 9999. %



47

Incident Energy (eV)

28-Ni-63