

Program Complot  
(Version 2018-1)

by

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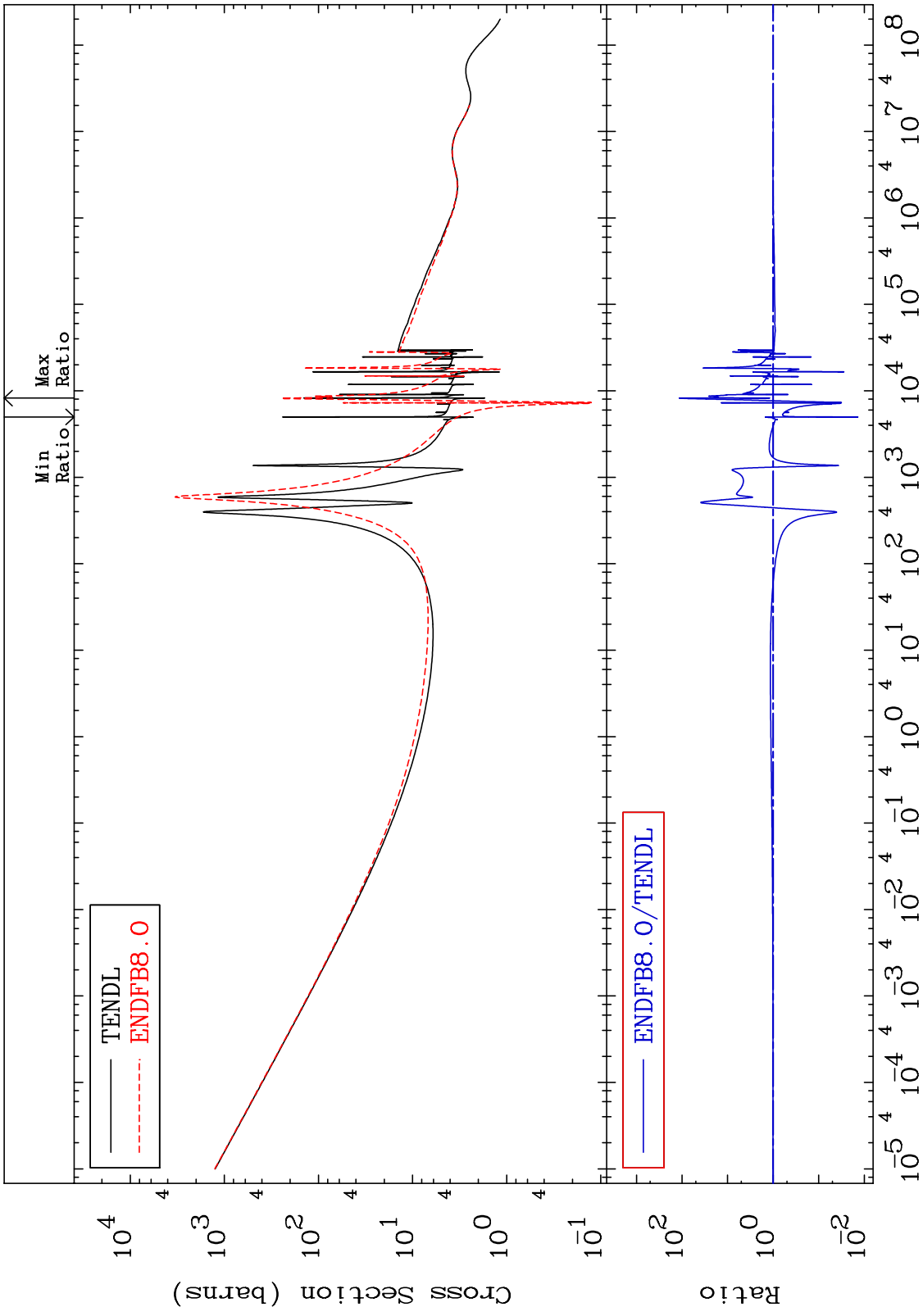
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2840 28-Ni-63  
 Total -98.62 To 9999. %  
 Cross Section

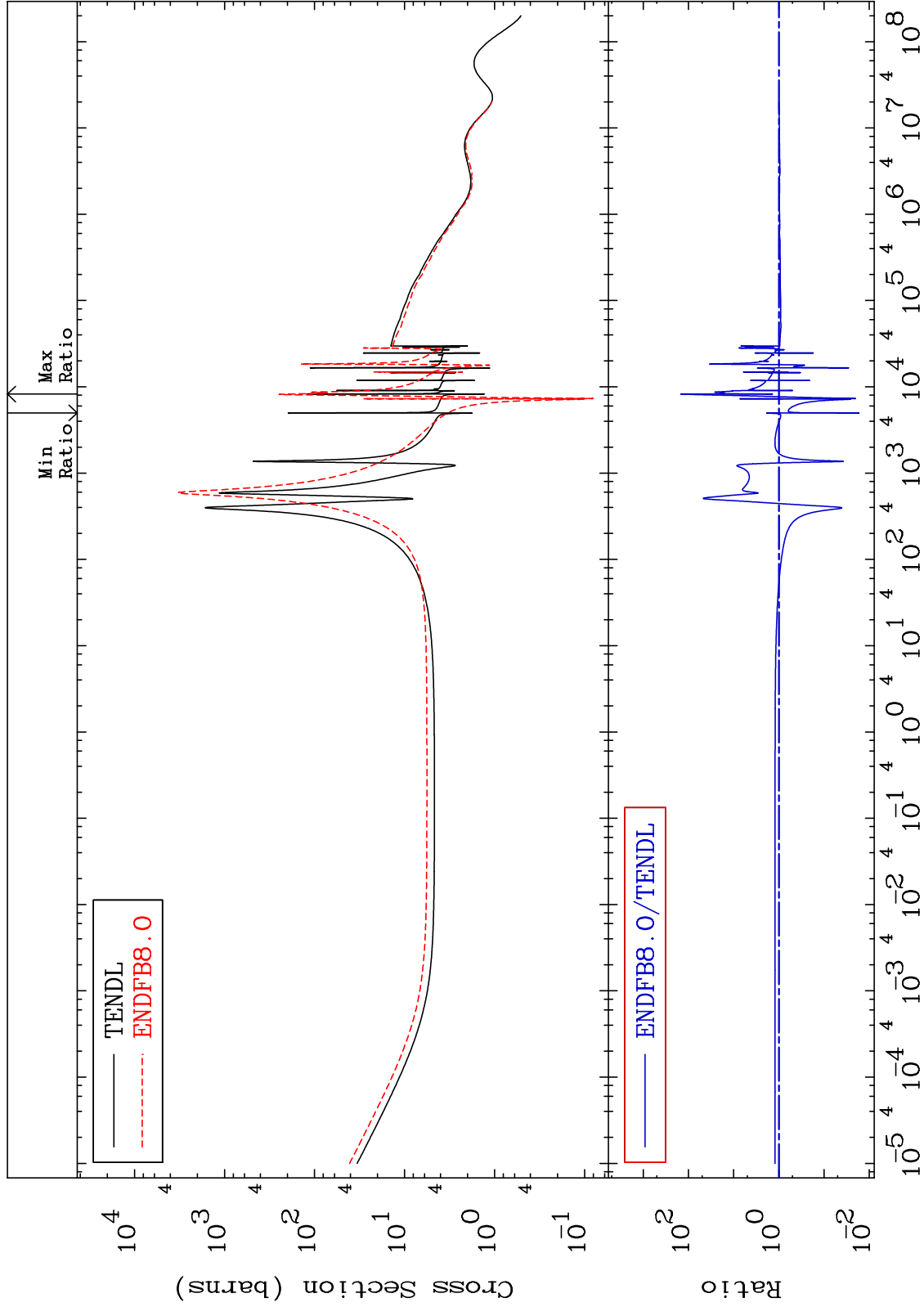


Incident Energy (eV) 28-Ni-63

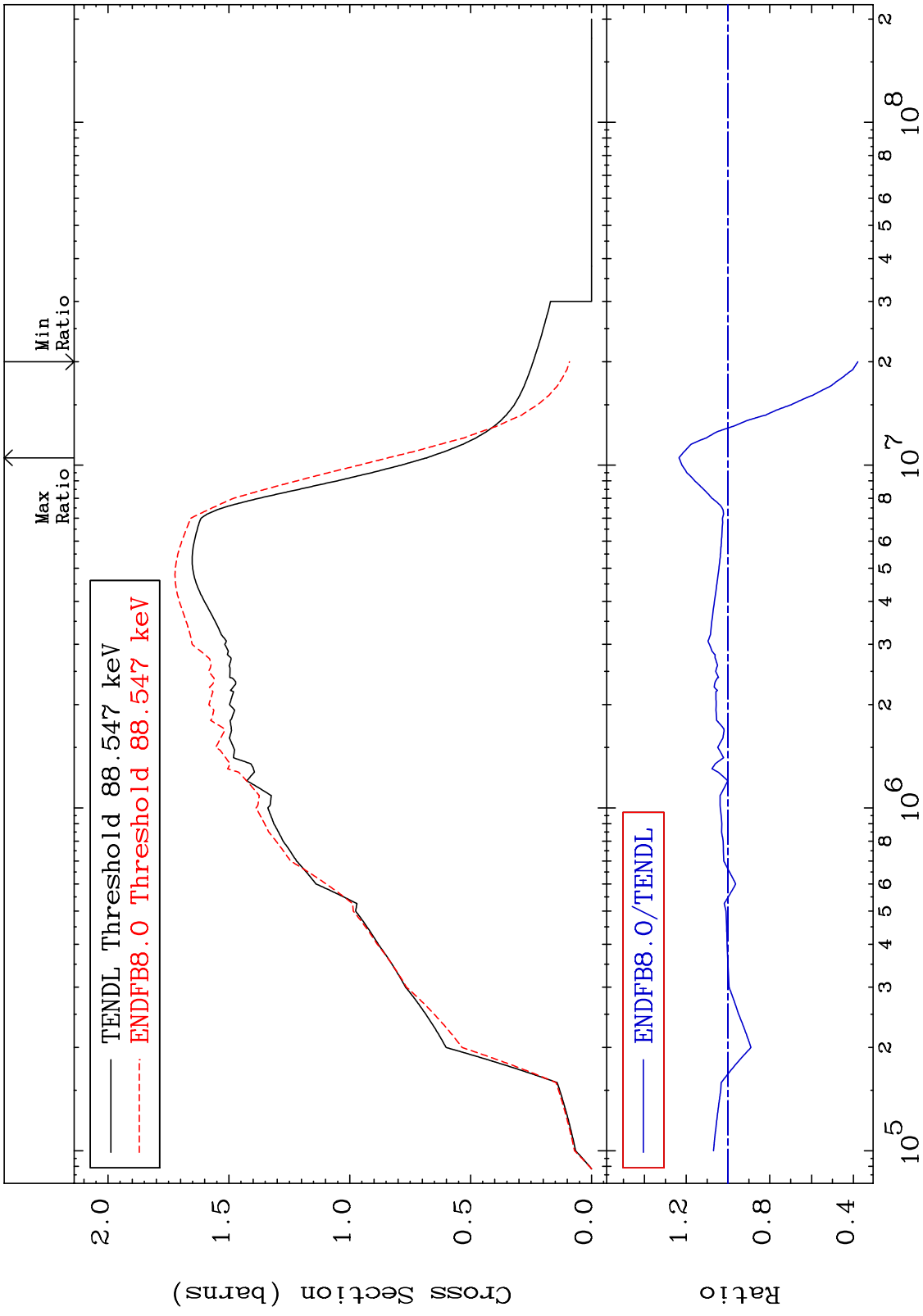
MAT 2840

Elastic  
Cross Section

28-Ni-63  
-98.31 To 9999. %

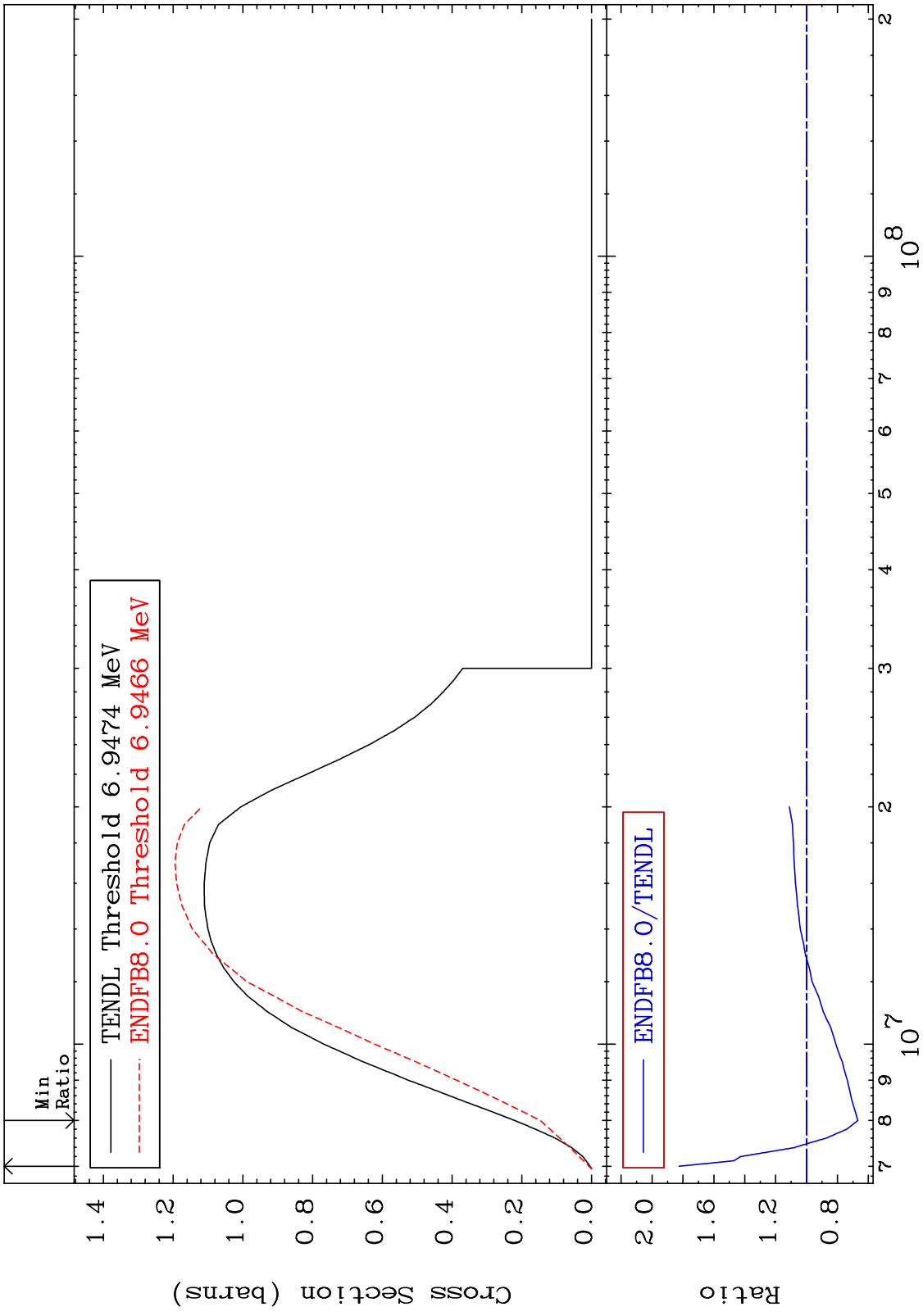


MAT 2840 Inelastic Cross Section 28-Ni-63 -62.14 To 23.43 %

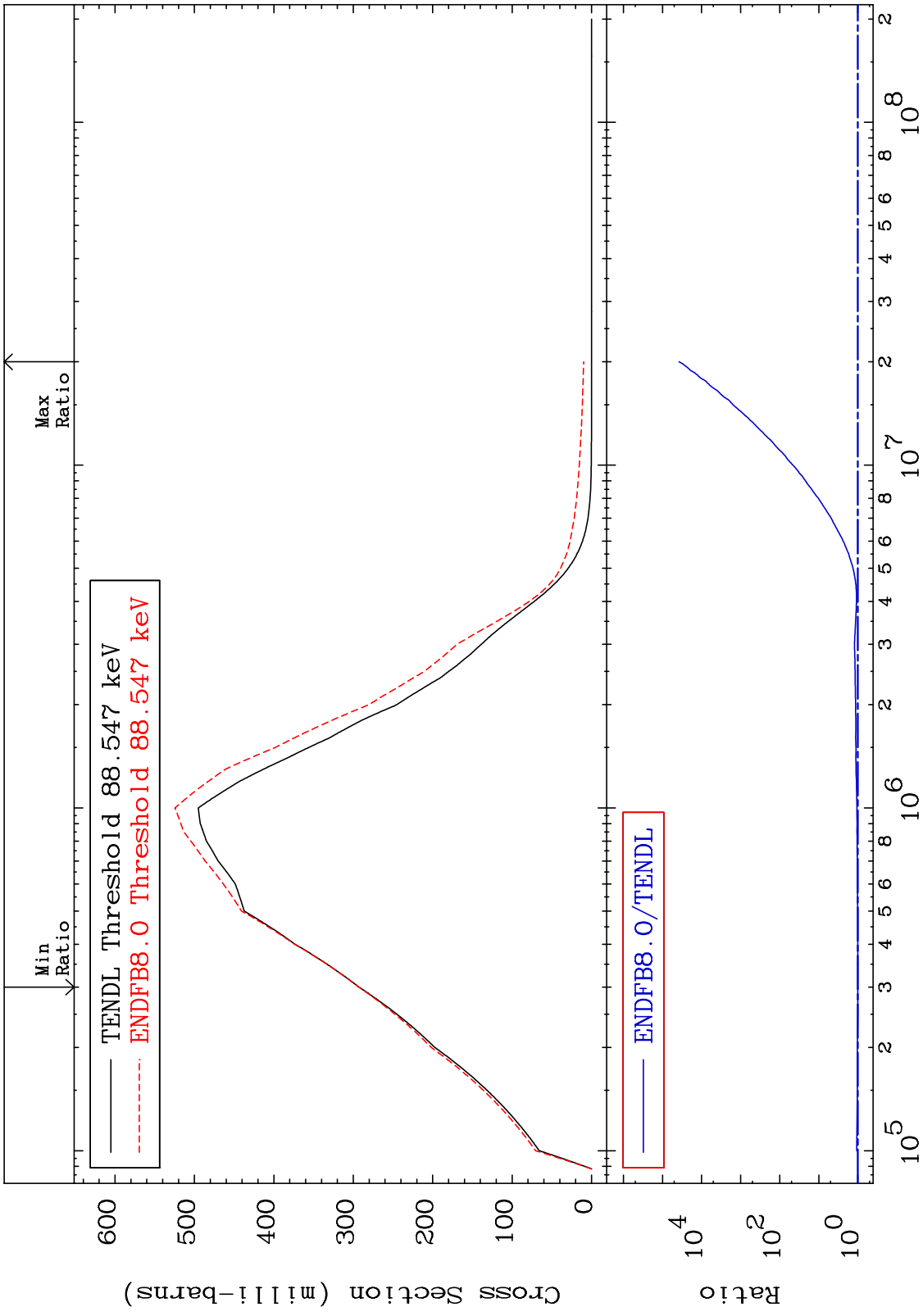


3 Incident Energy (eV) 28-Ni-63

MAT 2840 (n,2n) Cross Section 28-Ni-63 -33.19 To 82.53 %

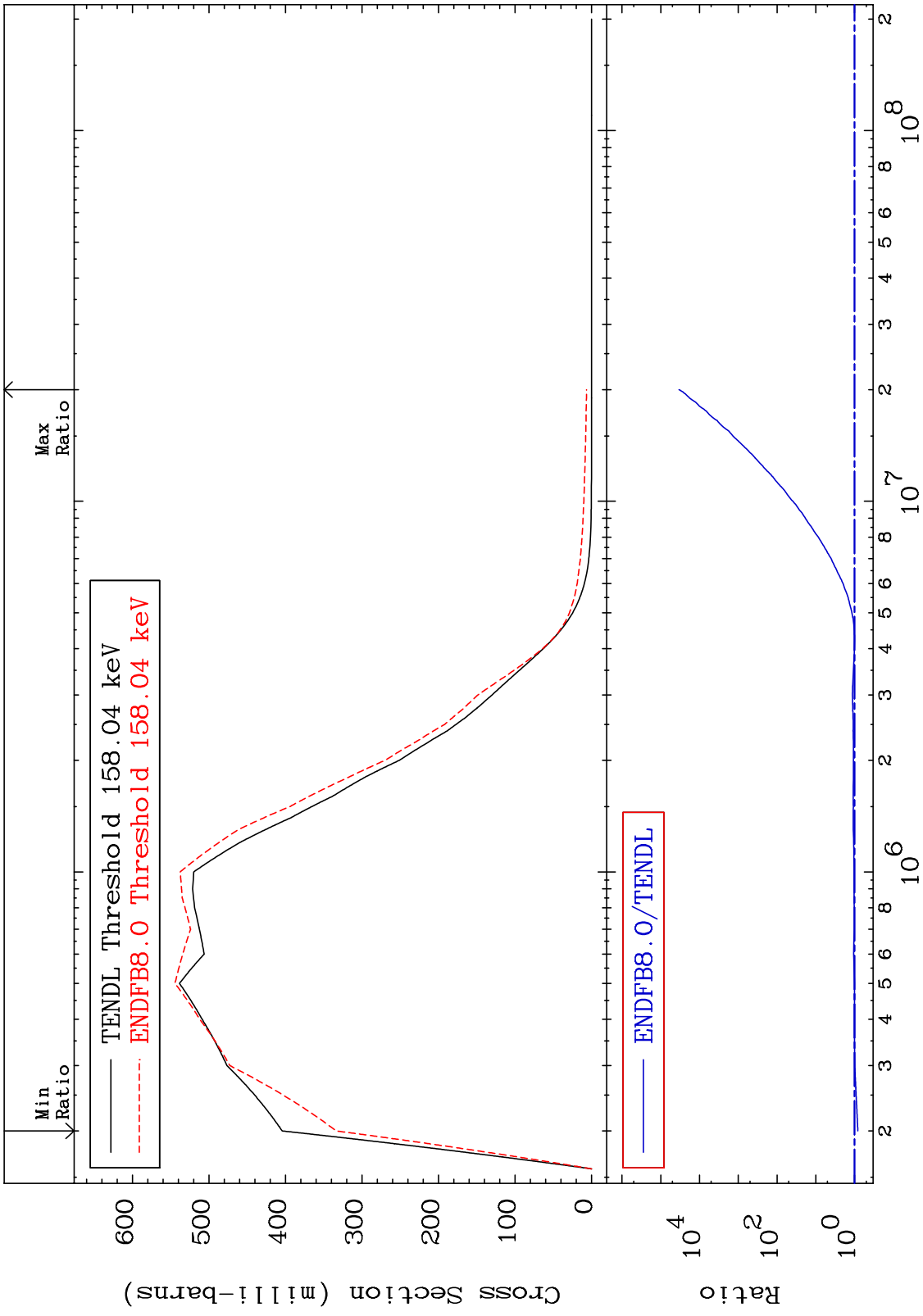


MAT 2840      MT= 51 (n,n') Level Cross Section      28-Ni-63 To 9999. %

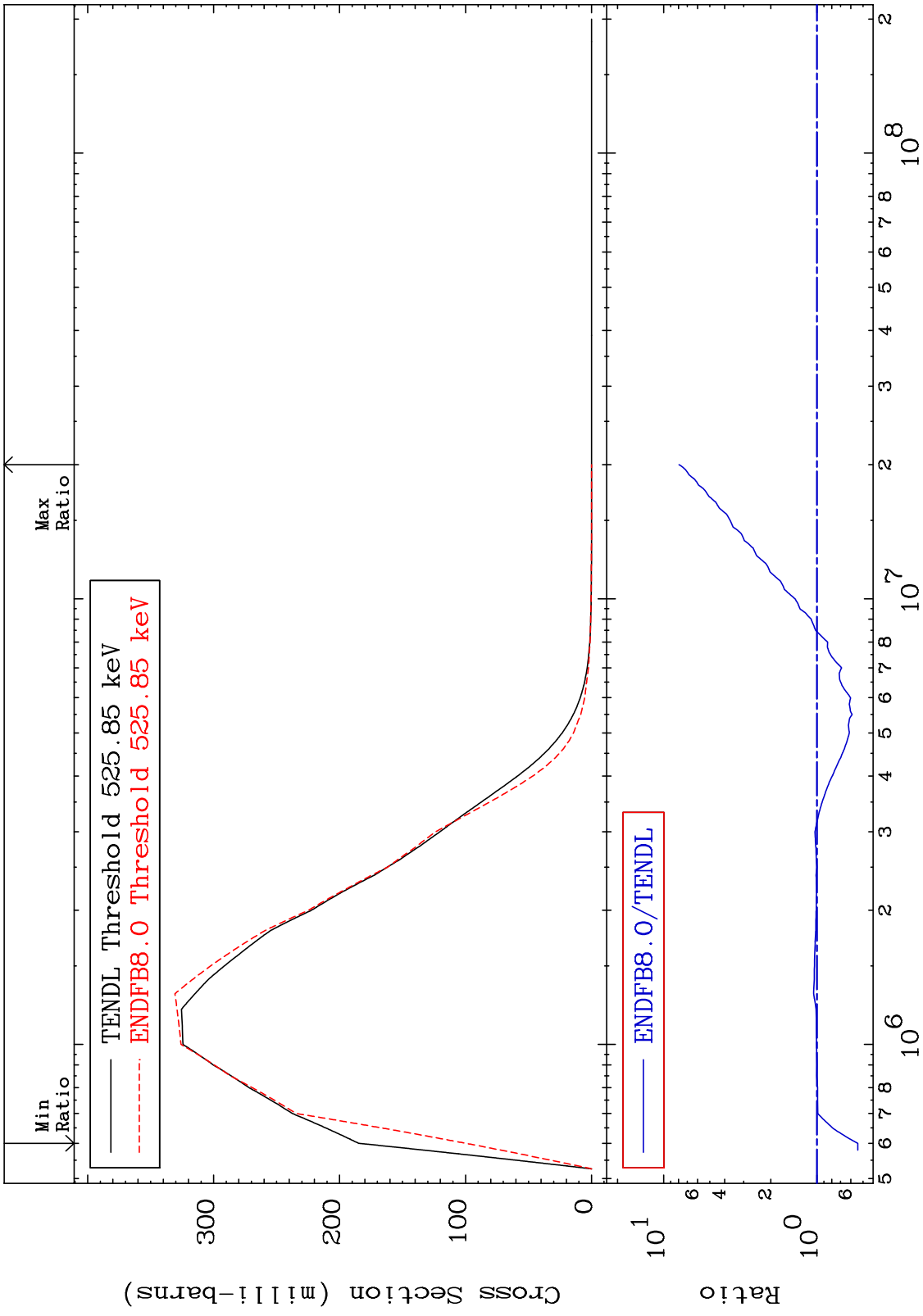


5      Incident Energy (eV)      28-Ni-63

MAT 2840 MT= 52 (n,n') Level Cross Section -17.48 To 9999. % 28-Ni-63



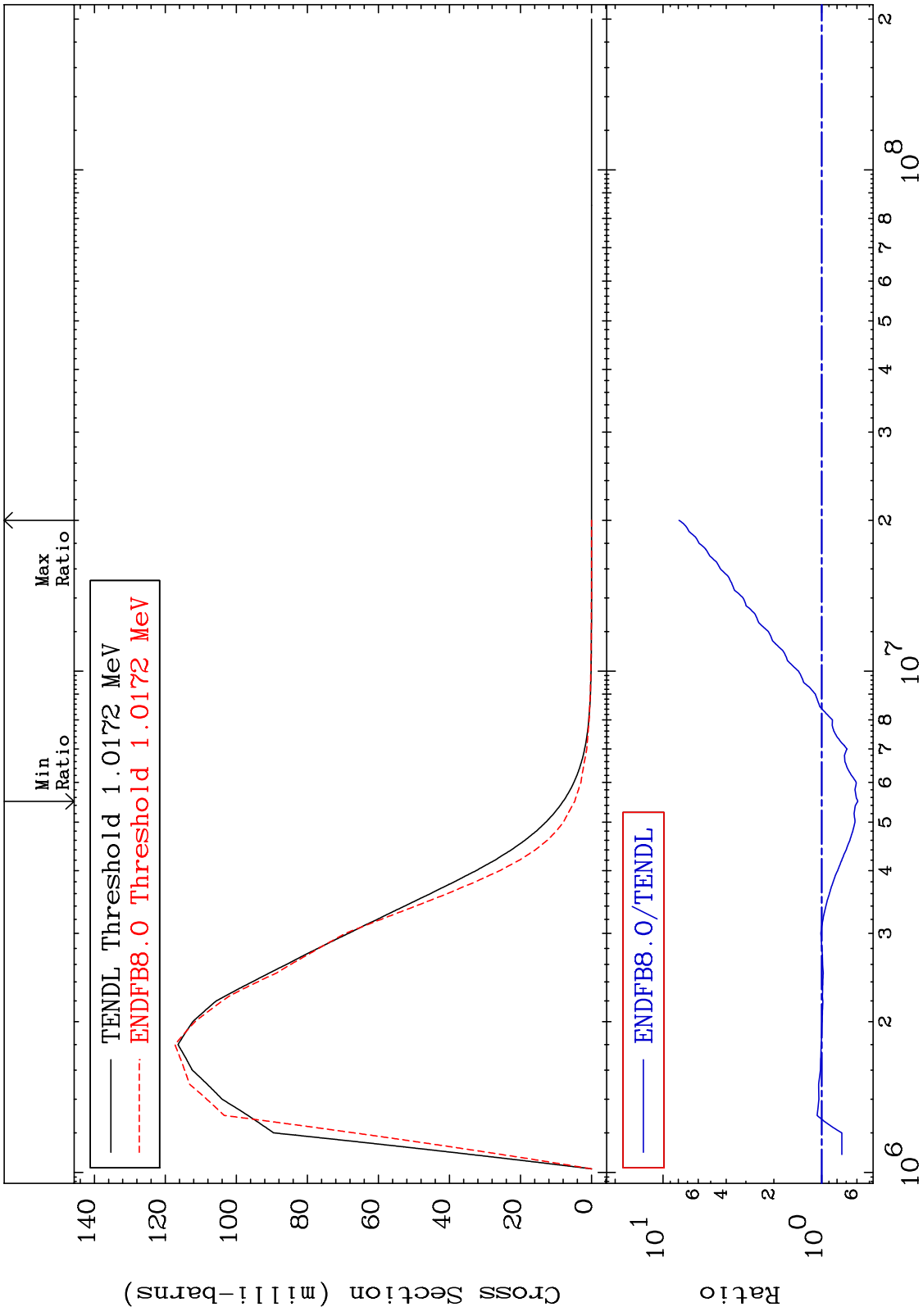
MAT 2840      MT= 53 (n,n') Level Cross Section      28-Ni-63  
 -45.98 To 693.5 %



7      Incident Energy (eV)      28-Ni-63

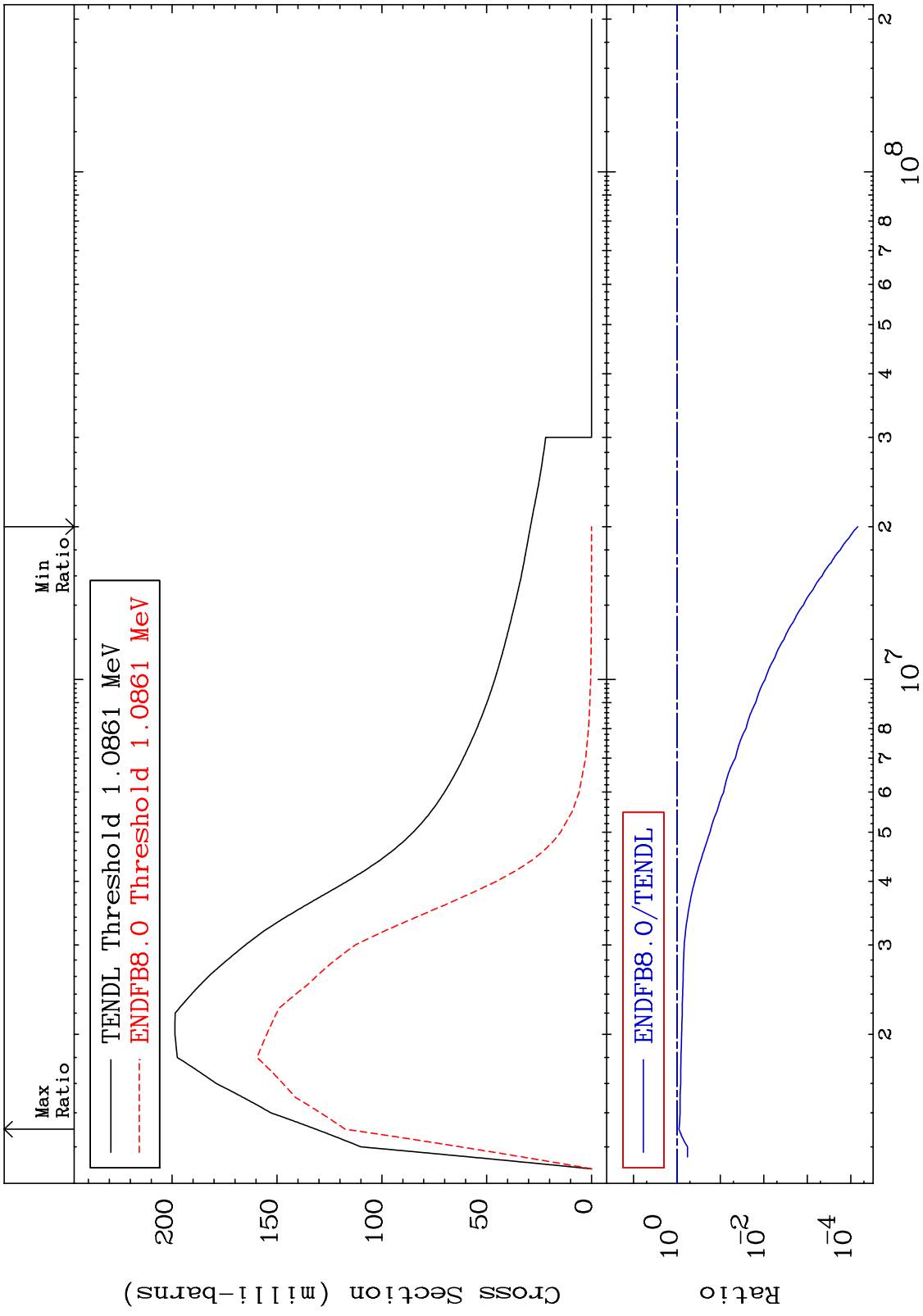


MAT 2840      MT= 54 (n,n') Level Cross Section      28-Ni-63  
-40.81 To 691.6 %



8      Incident Energy (eV)      28-Ni-63

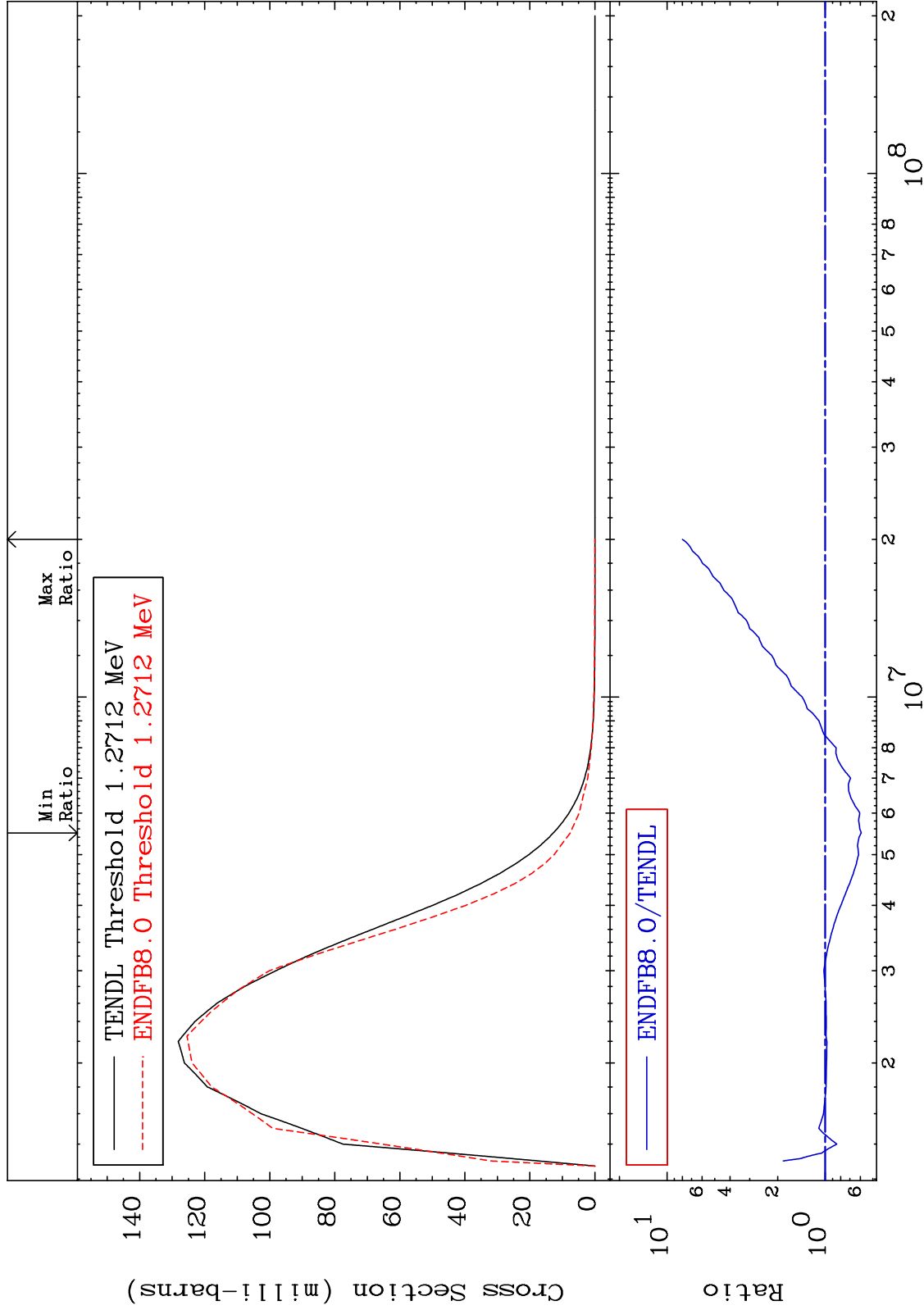
MAT 2840 MT= 55 (n,n') Level Cross Section 28-Ni-63 -99.99 To -10.63%



MAT 2840

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

28-Ni-63  
-40.80 To 698.7 %



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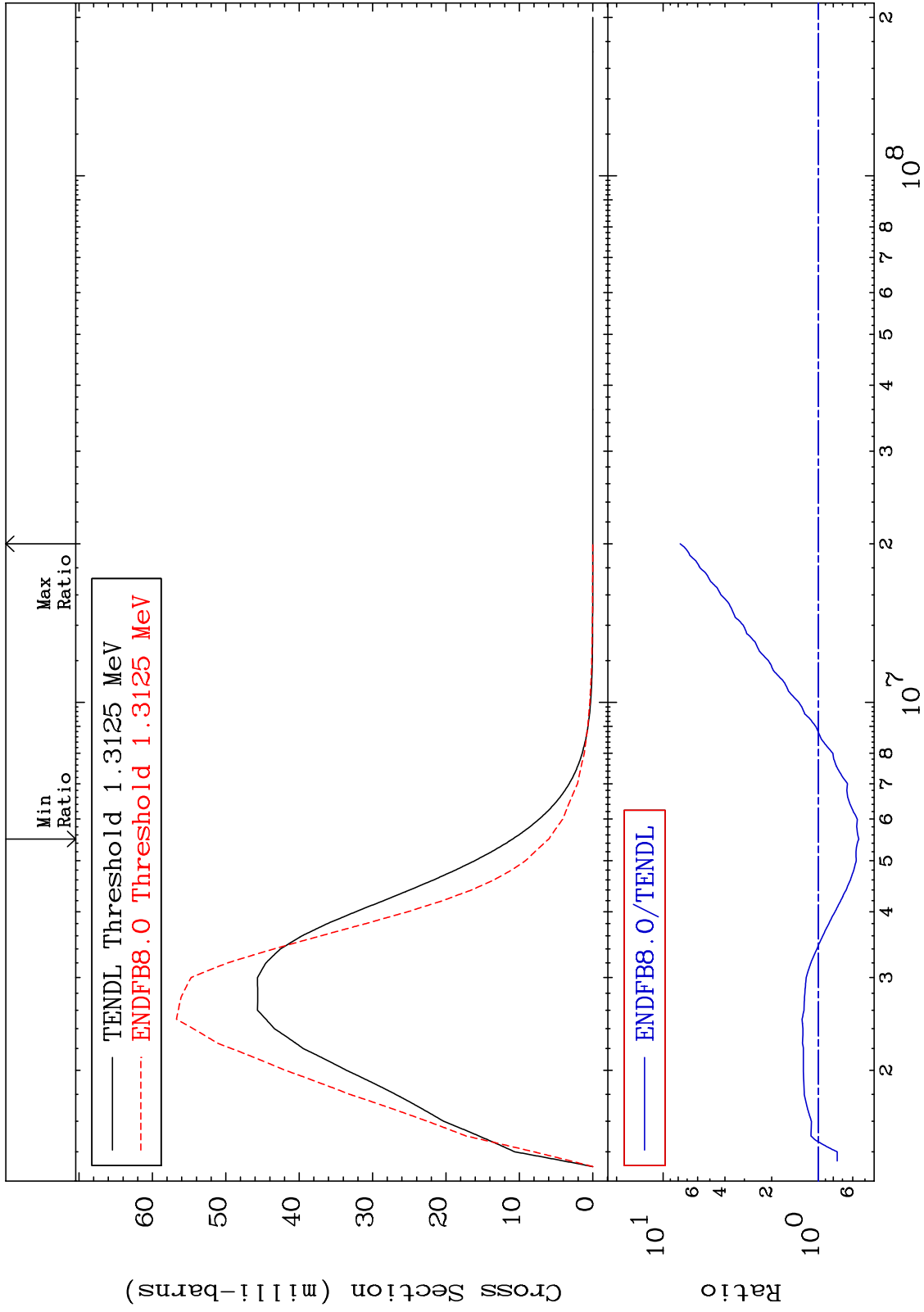
Incident Energy (eV)

28-Ni-63

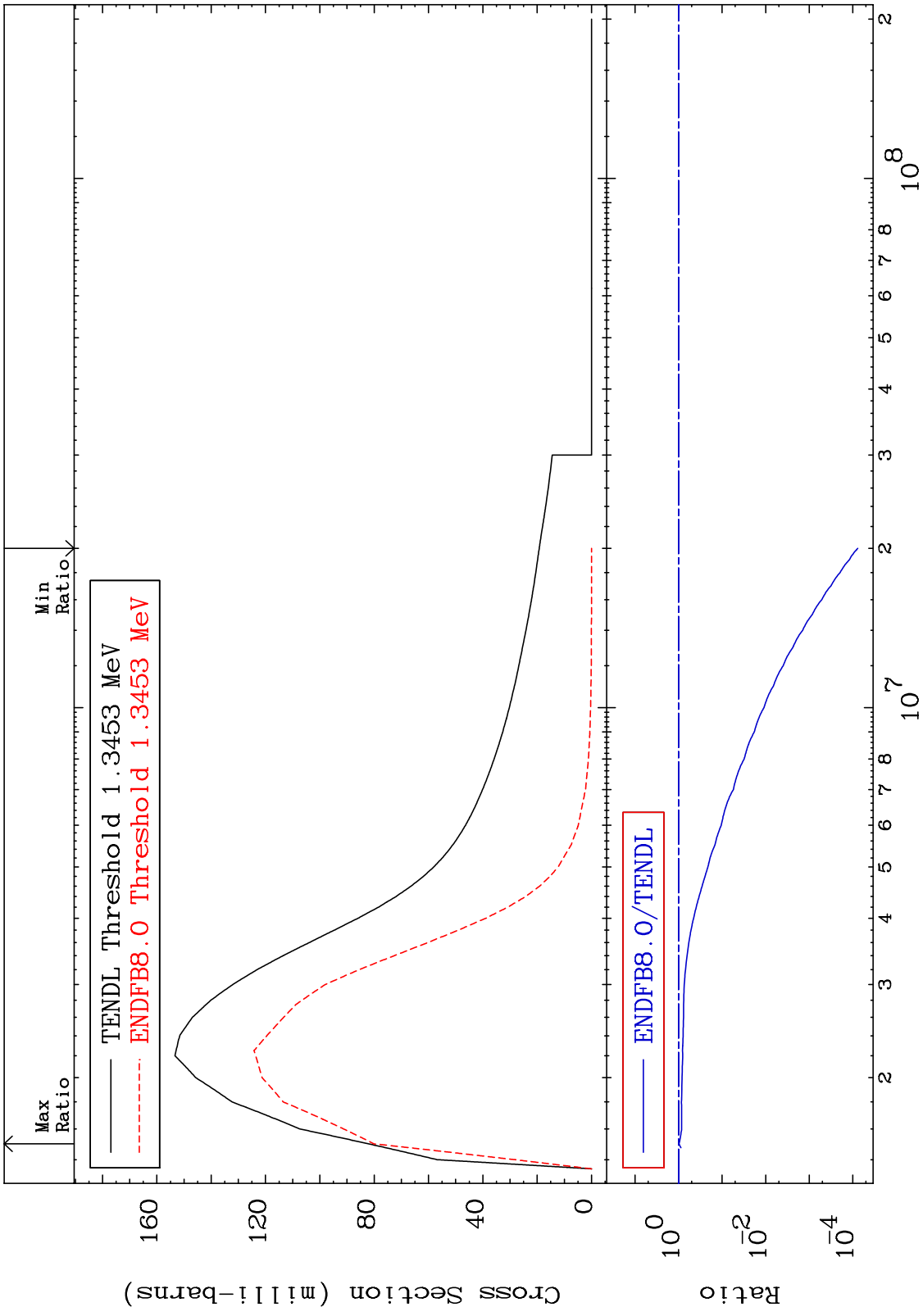
MAT 2840

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

28-Ni-63  
-45.22 To 676.8 %

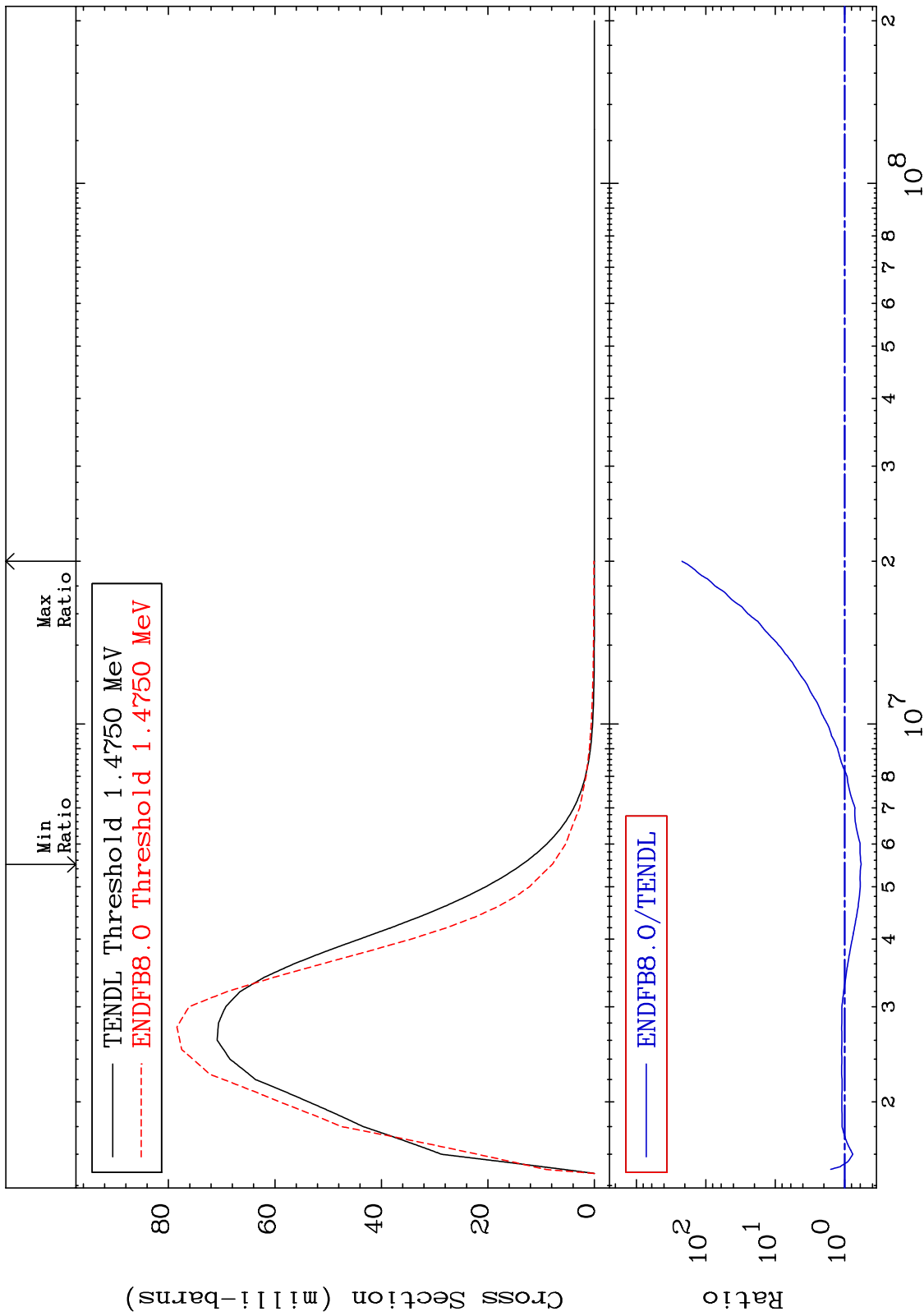


MAT 2840      MT= 58 (n,n') Level Cross Section      28-Ni-63  
 -99.99 To -2.471%



12      Incident Energy (eV)      28-Ni-63

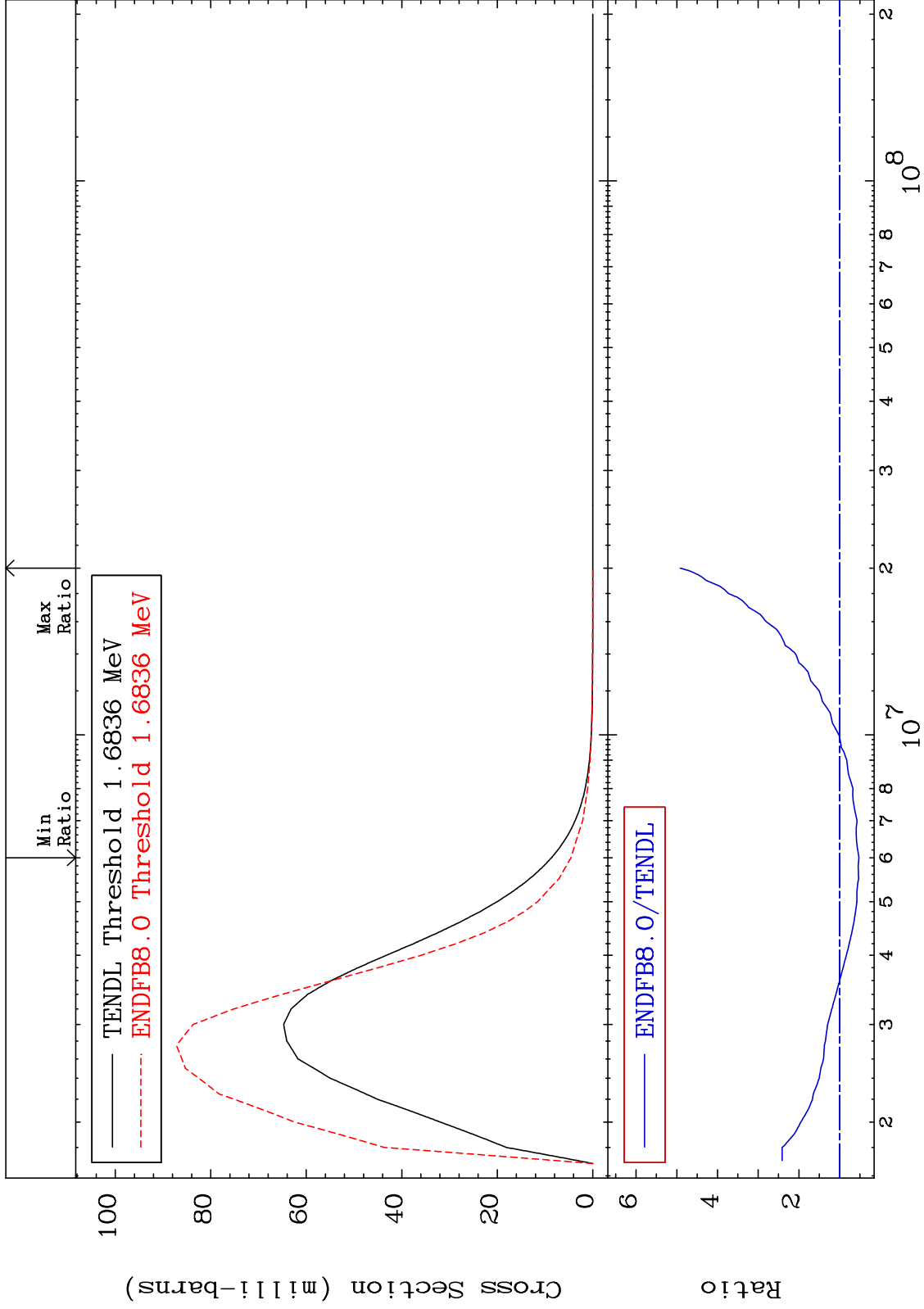
MAT 2840  
MT= 59 (n,n') Level  
Cross Section  
-41.91 To 9999. %  
28-Ni-63



MAT 2840

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

28-Ni-63  
-47.40 To 391.5 %

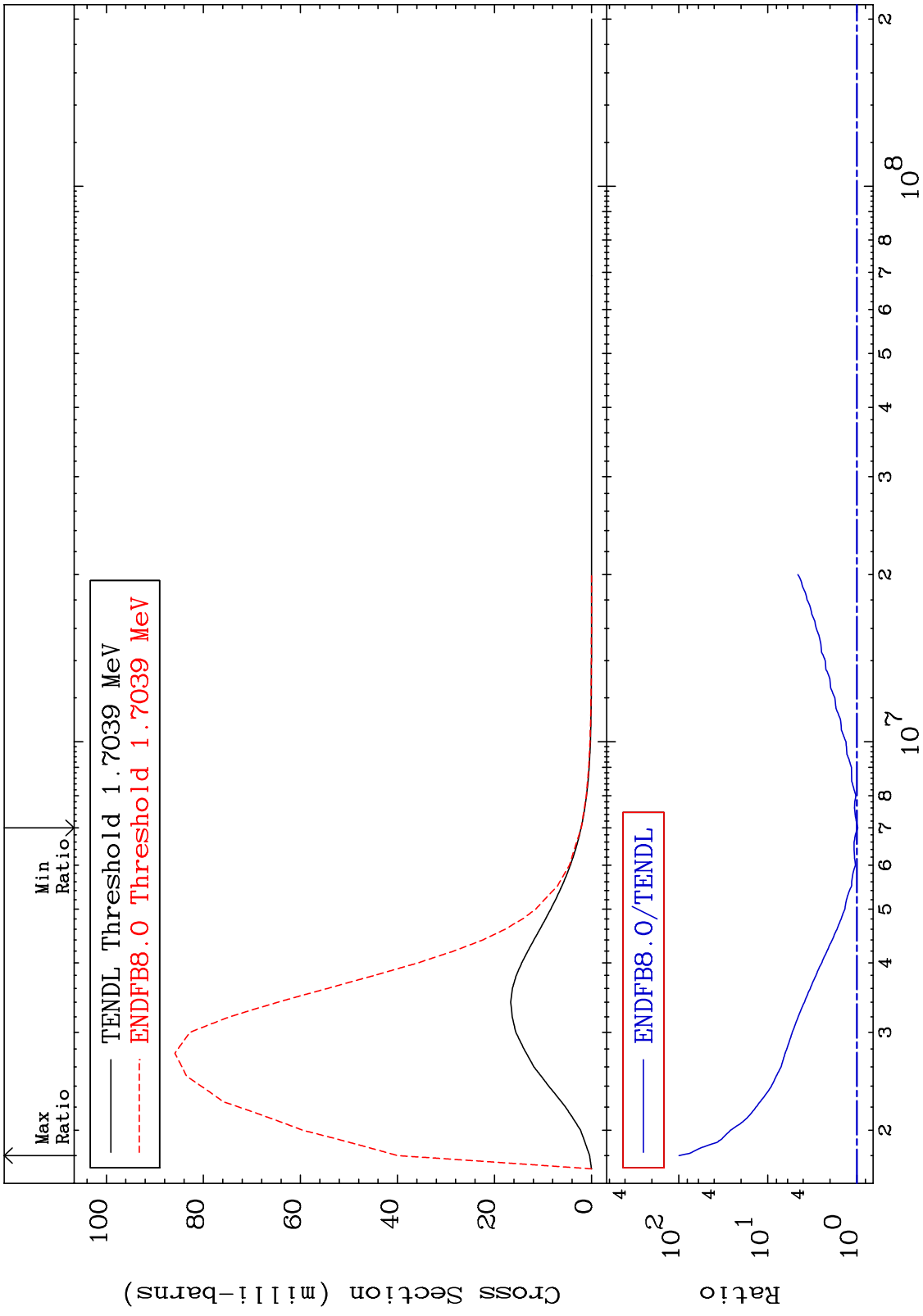


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Incident Energy (eV)

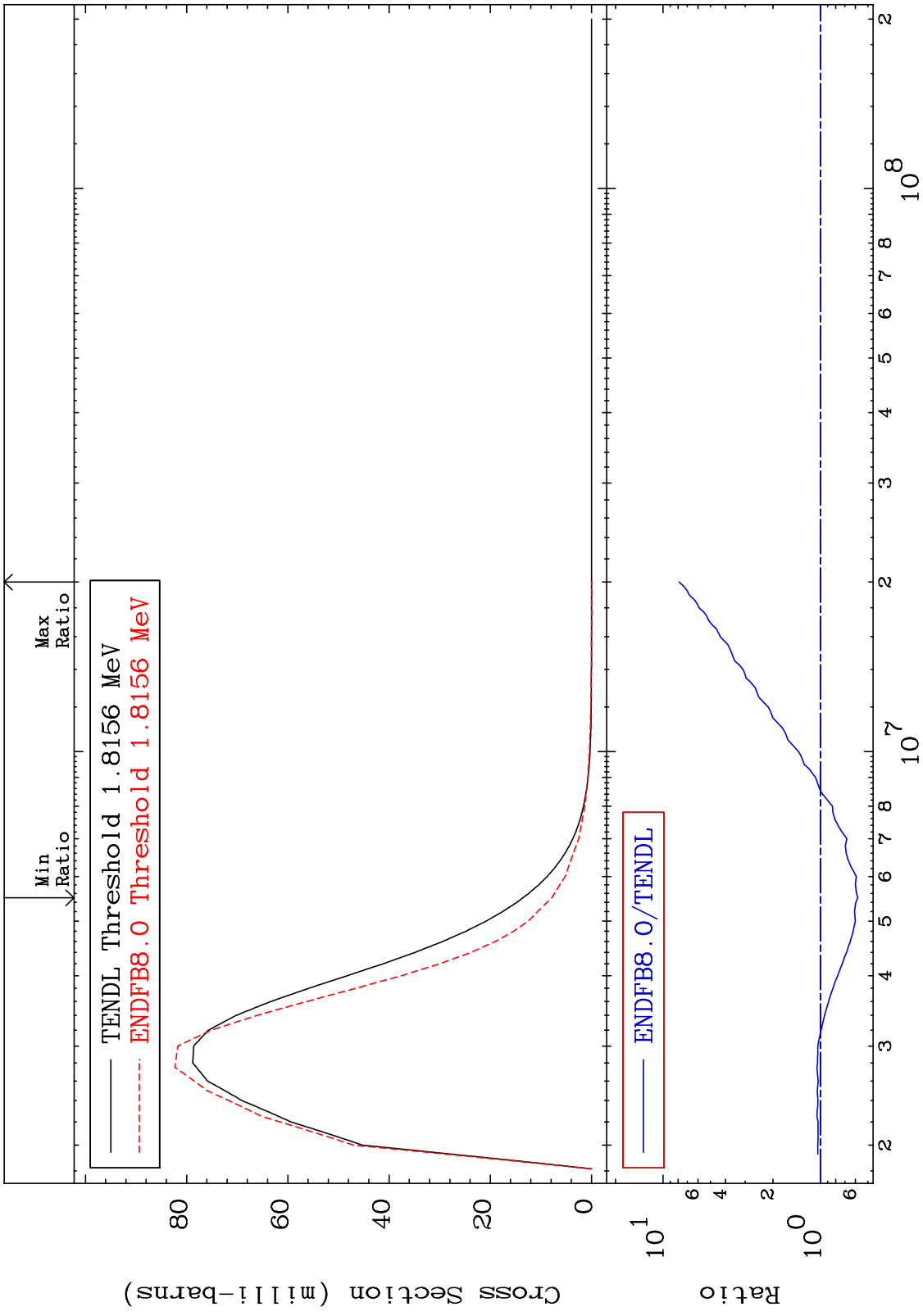
28-Ni-63

MAT 2840 MT= 61 (n,n') Level Cross Section 28-Ni-63 -2.446 To 9810. %



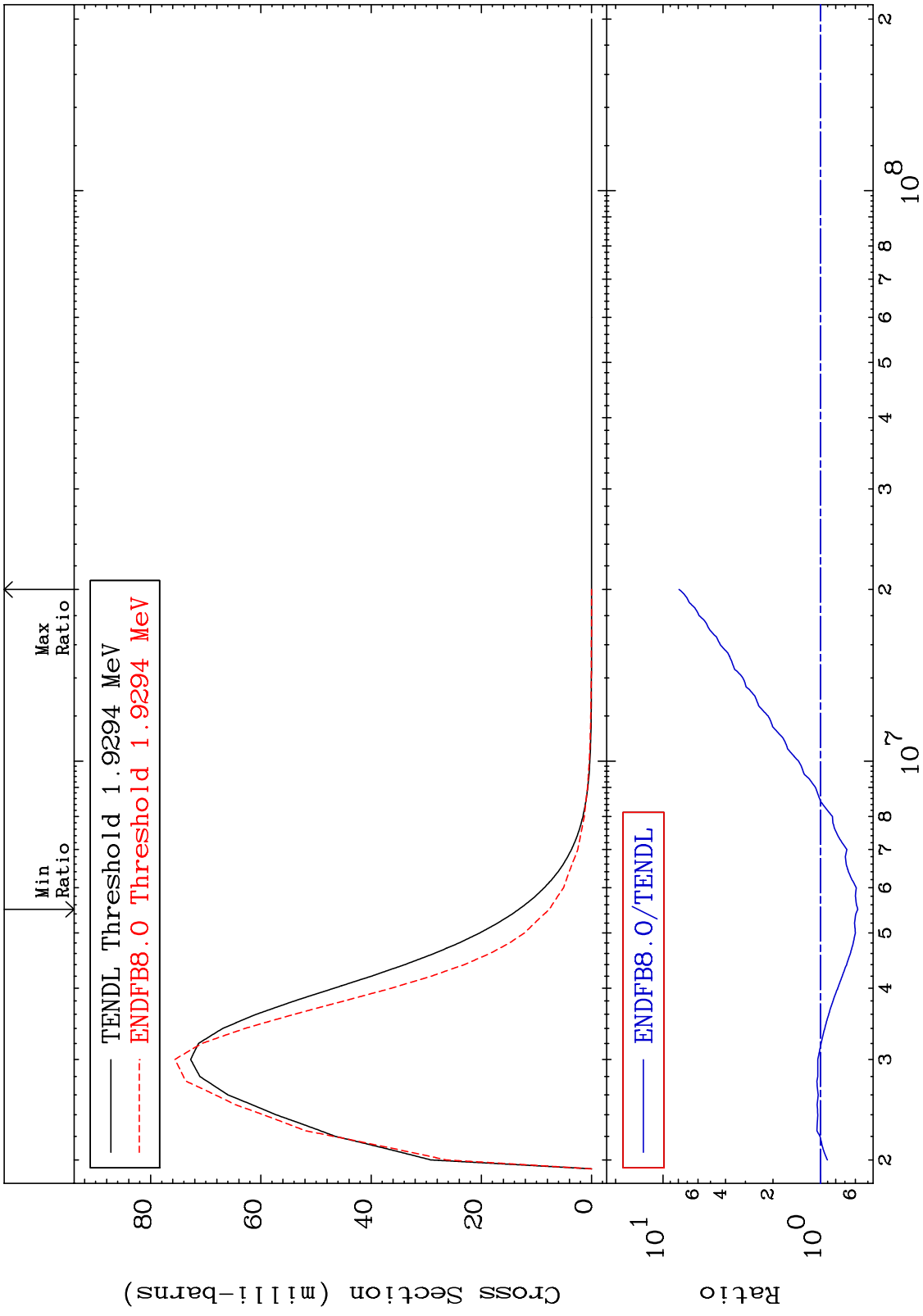


MAT 2840      MT= 62 (n,n') Level Cross Section      28-Ni-63  
 -42.06 To 690.3 %

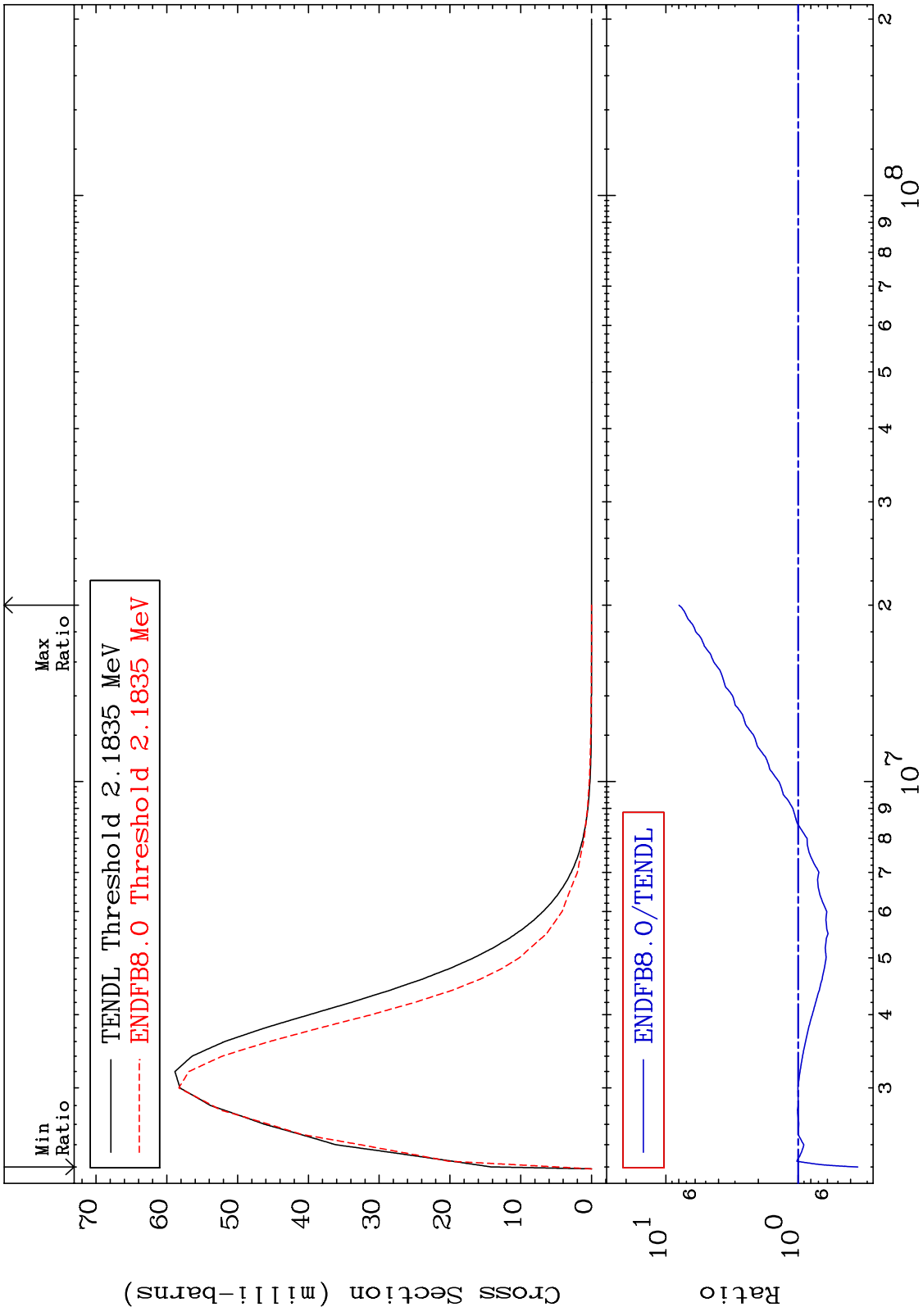


16      28-Ni-63

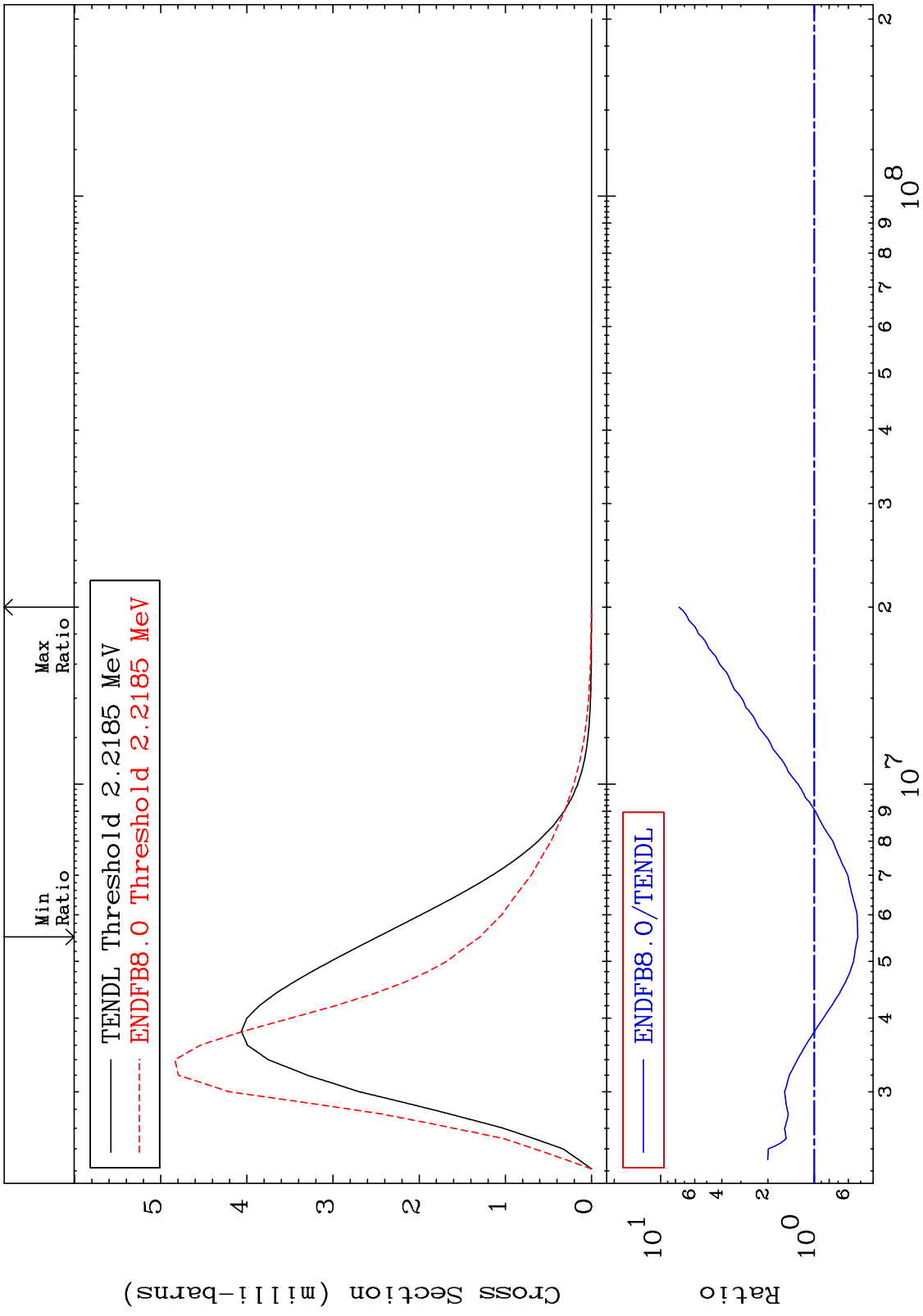
MAT 2840 MT= 63 (n,n') Level Cross Section 28-Ni-63 -42.07 To 690.4 %



MAT 2840      MT= 64 (n,n') Level Cross Section      28-Ni-63  
 -64.72 To 695.8 %



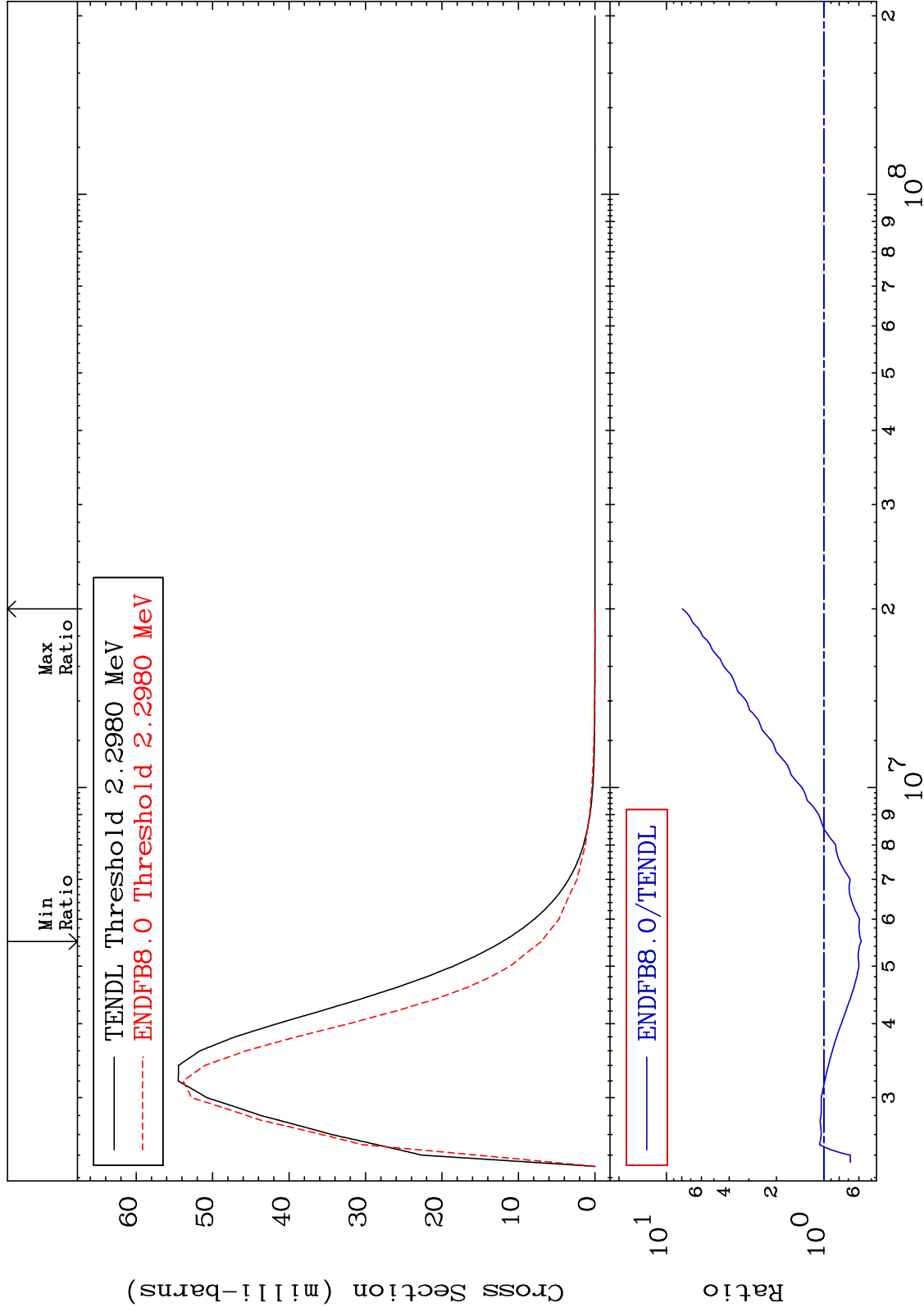
MAT 2840 MT= 65 (n,n') Level Cross Section -47.87 To 657.9 % 28-Ni-63



MAT 2840

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

28-Ni-63  
-42.11 To 690.8 %

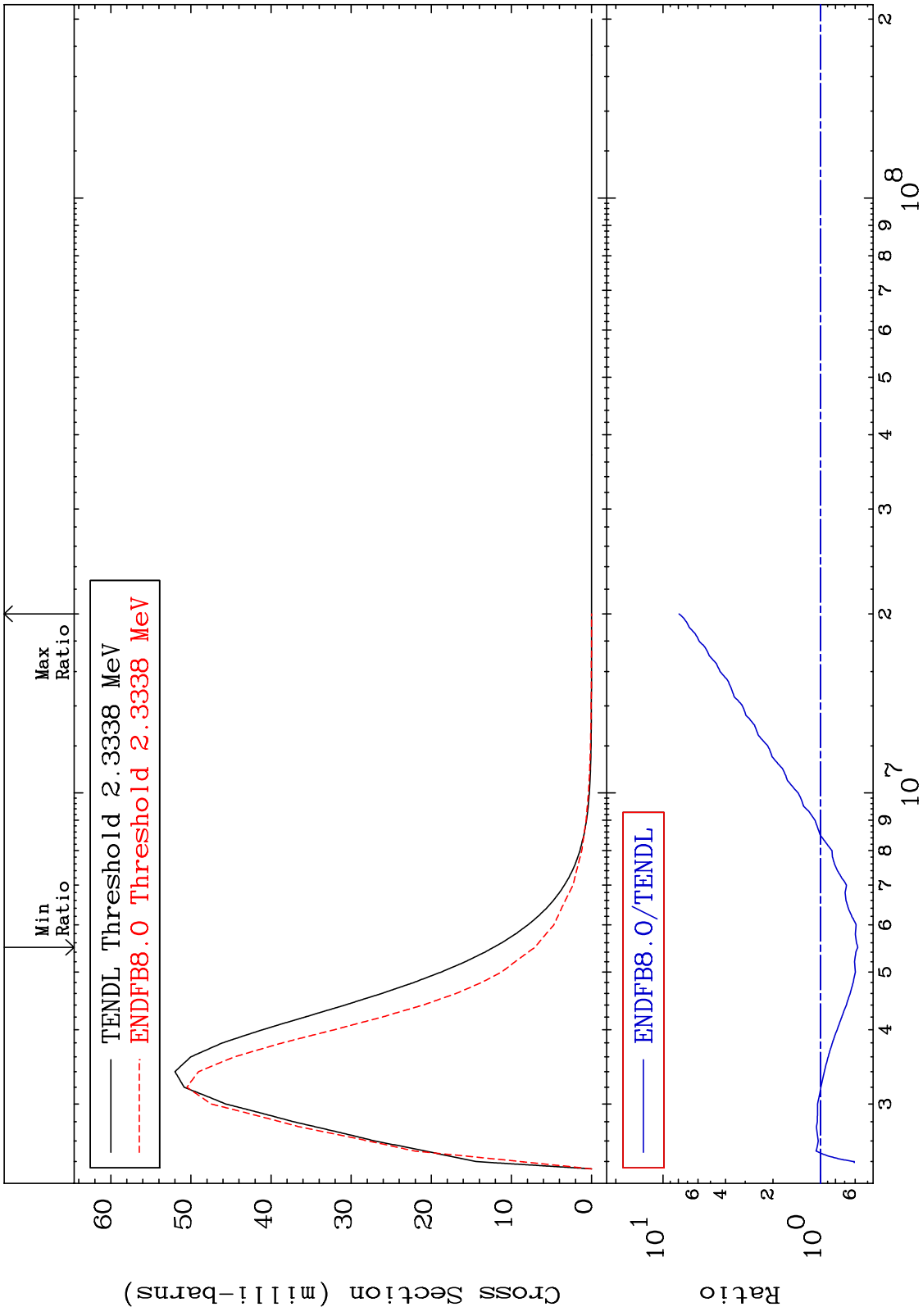


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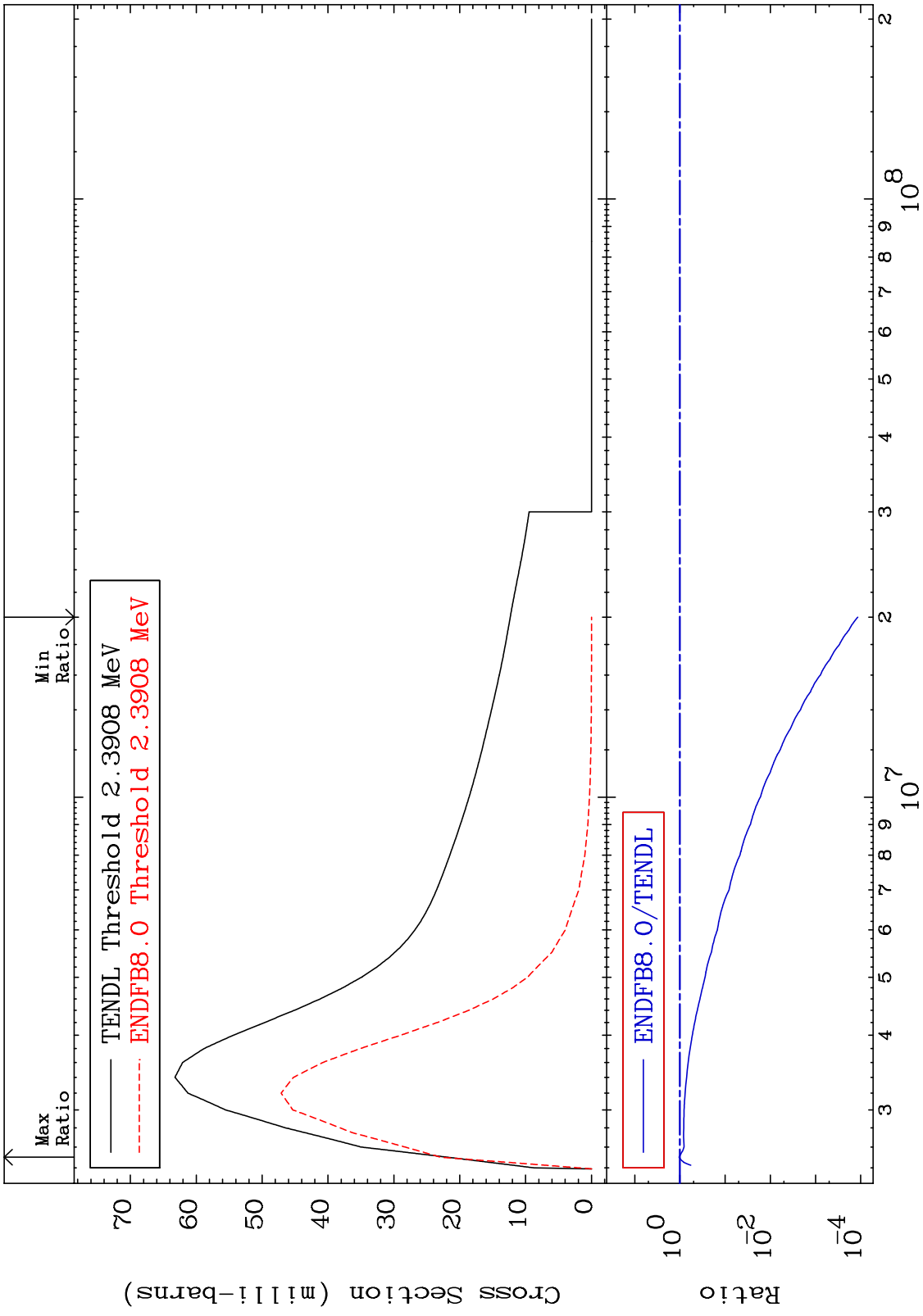
Incident Energy (eV)

28-Ni-63

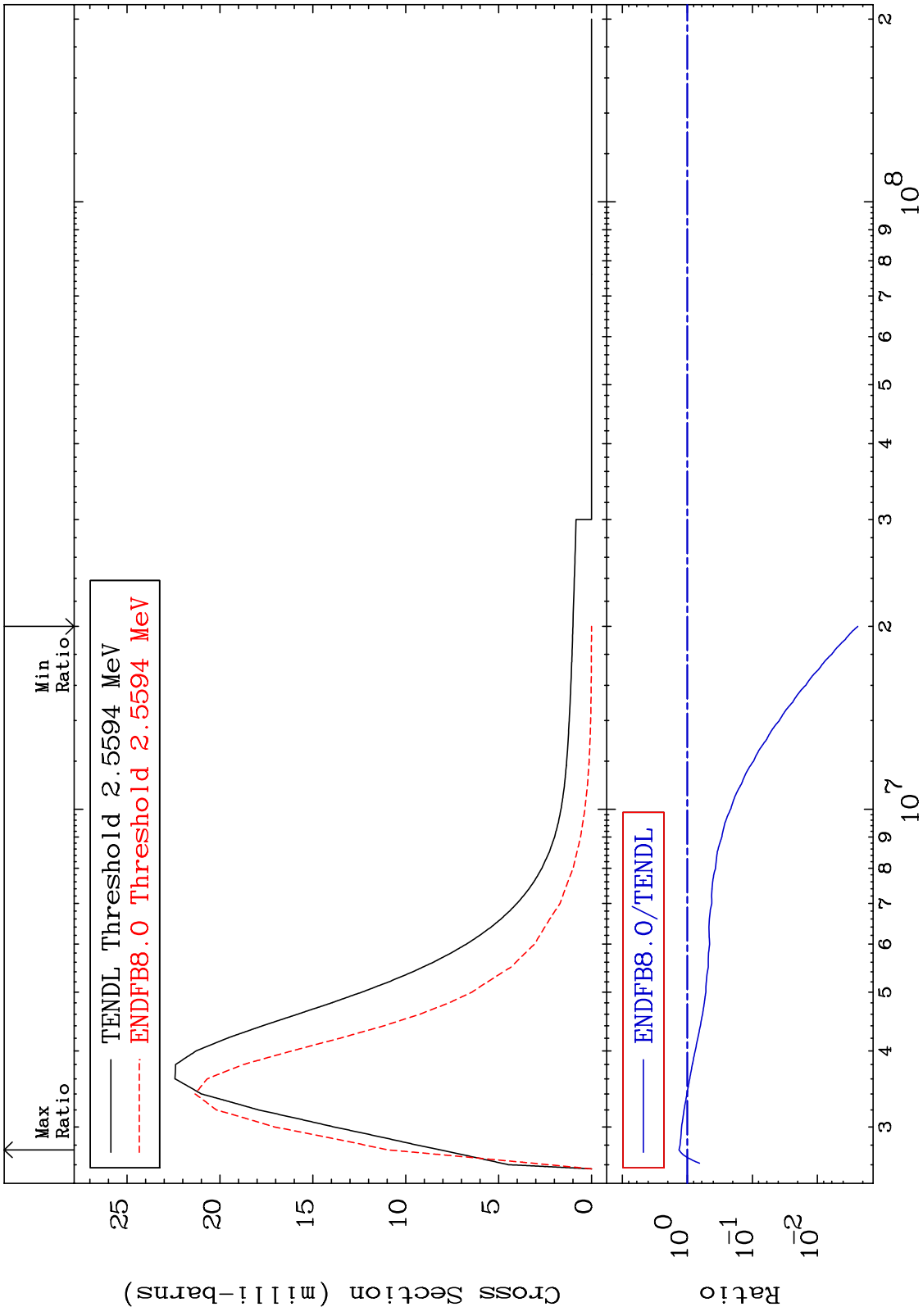
MAT 2840 MT= 67 (n,n') Level Cross Section -42.26 To 691.2 % 28-Ni-63



MAT 2840      MT= 68 (n,n') Level Cross Section      28-Ni-63  
 -99.99 To 4.756 %

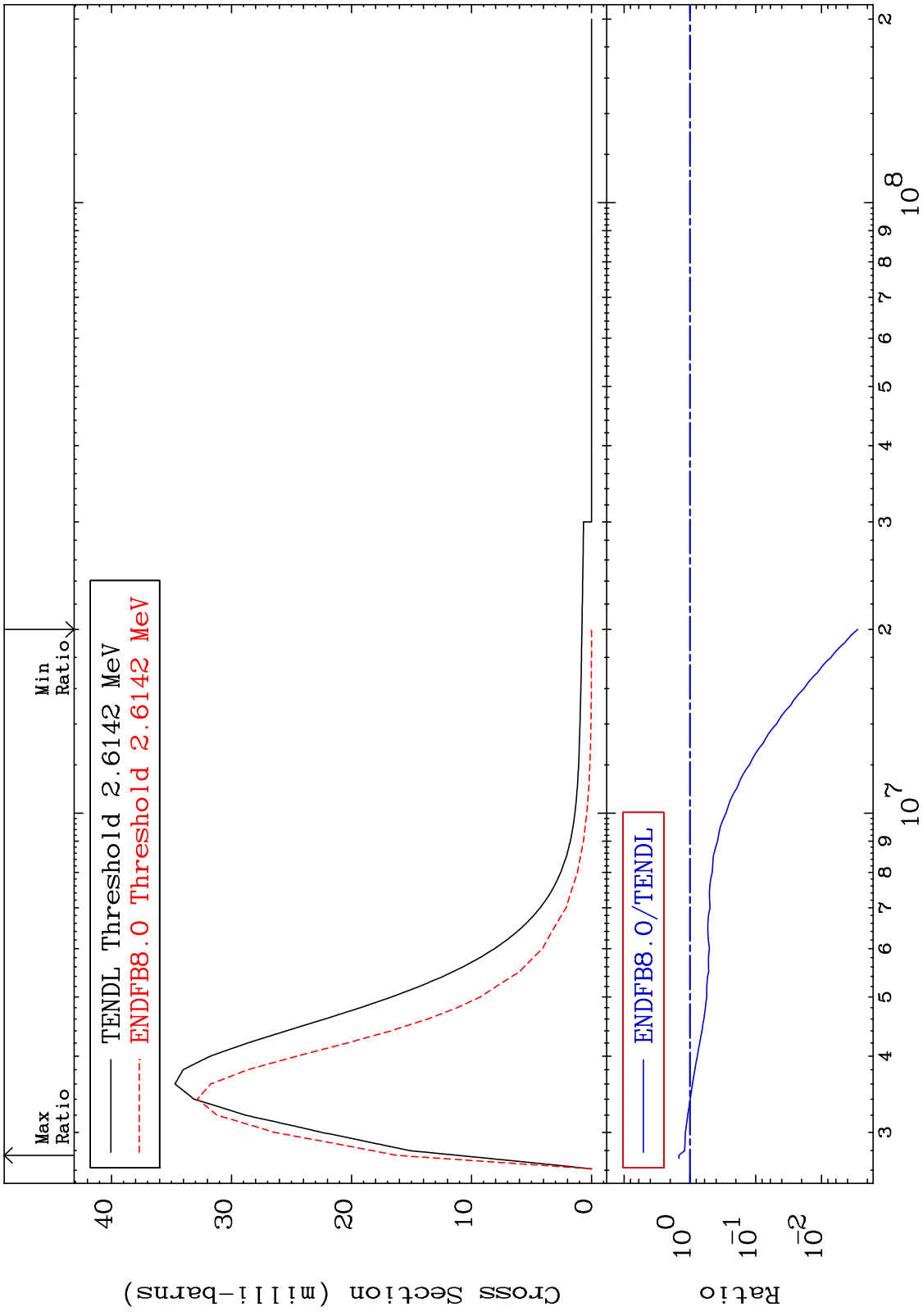


MAT 2840      MT= 69 (n,n') Level Cross Section      28-Ni-63  
 -99.76 To 34.29 %



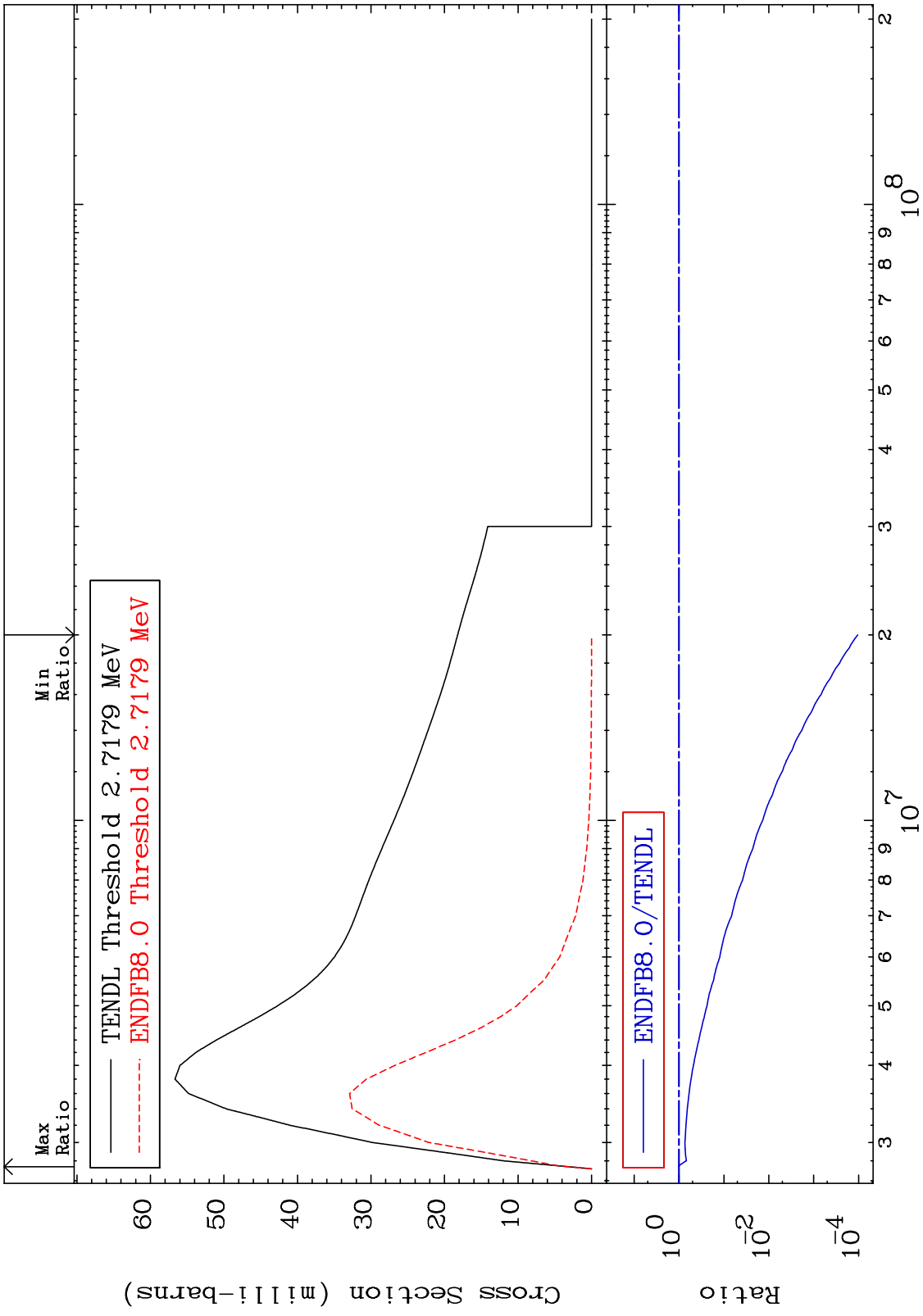


MAT 2840      MT= 70 (n,n') Level Cross Section      28-Ni-63  
 -99.72 To 46.36 %

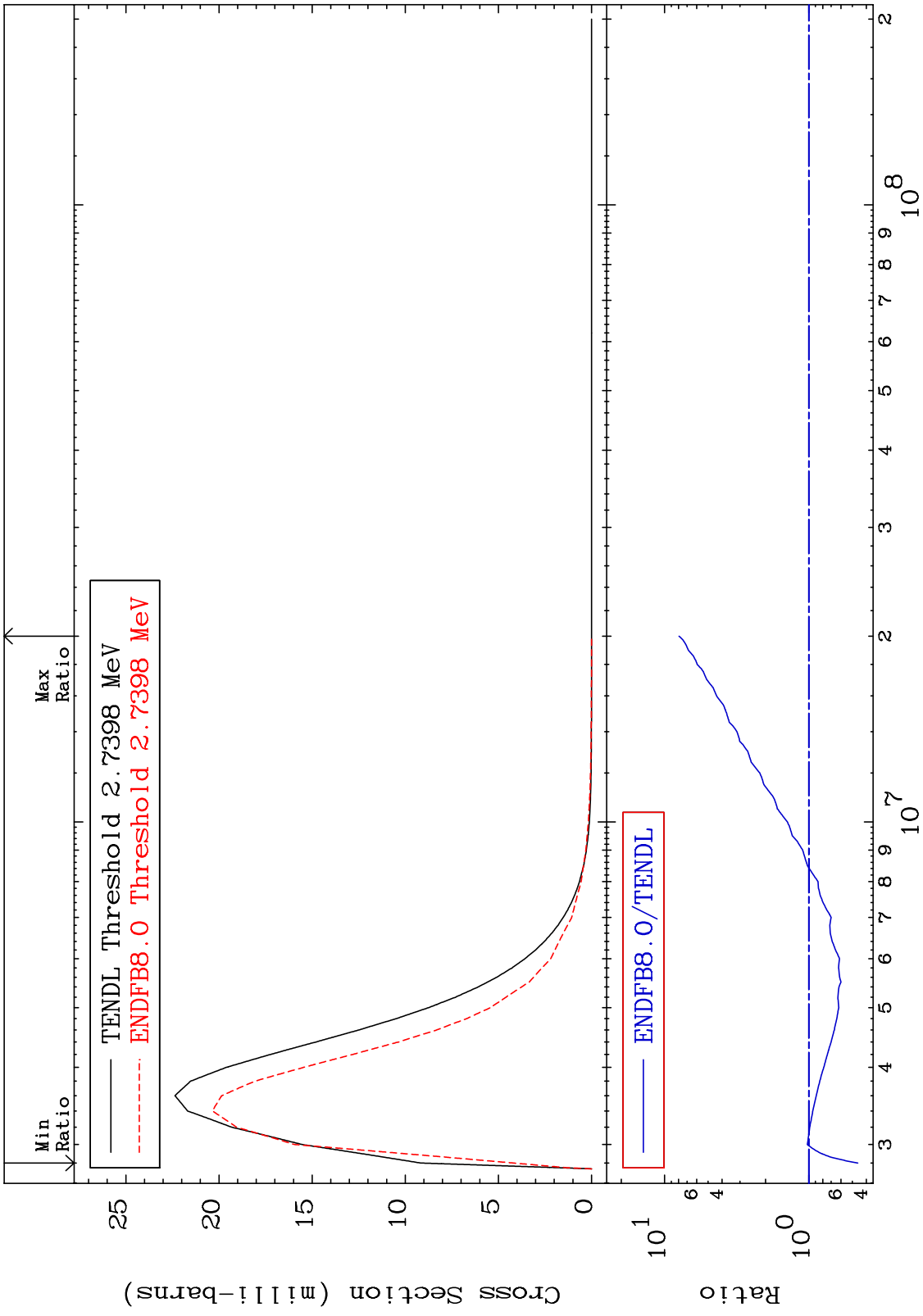


24      28-Ni-63

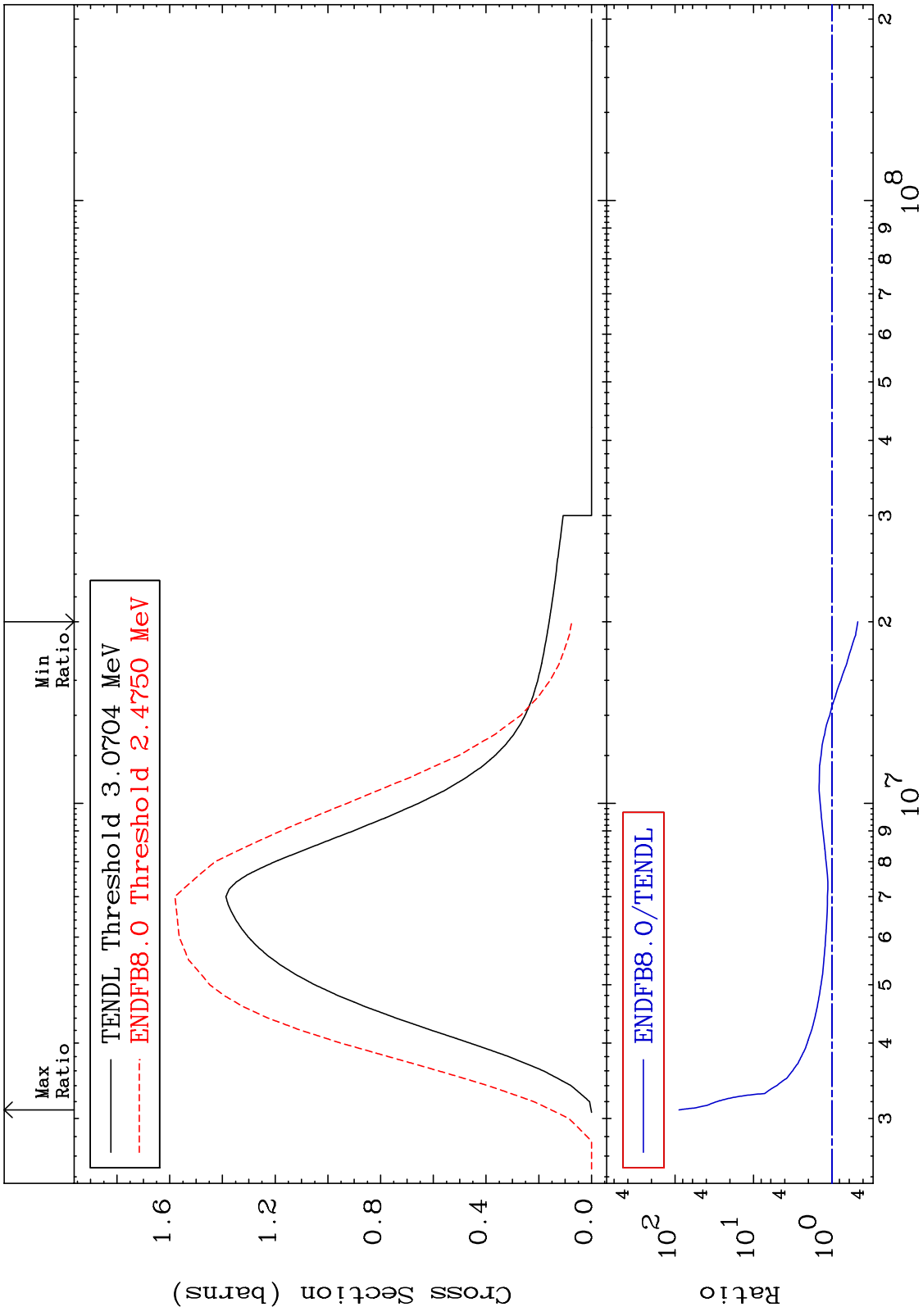
MAT 2840      MT= 71 (n,n') Level Cross Section      28-Ni-63  
 -99.99 To -0.168%



MAT 2840      MT= 72 (n,n') Level Cross Section      28-Ni-63  
 -54.25 To 694.8 %

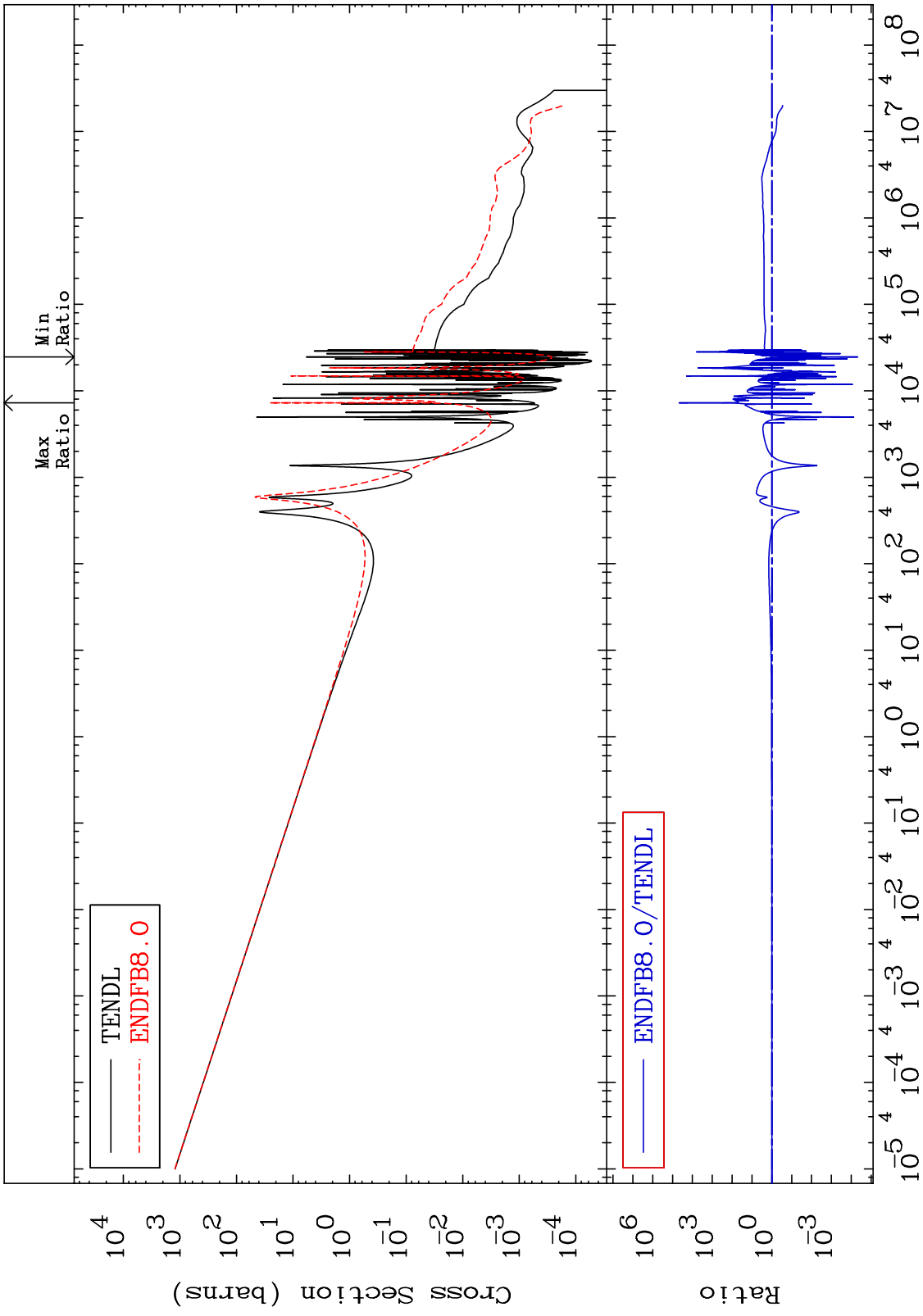


MAT 2840 (n, n') Continuum Cross Section 28-Ni-63 -53.26 To 8785. %



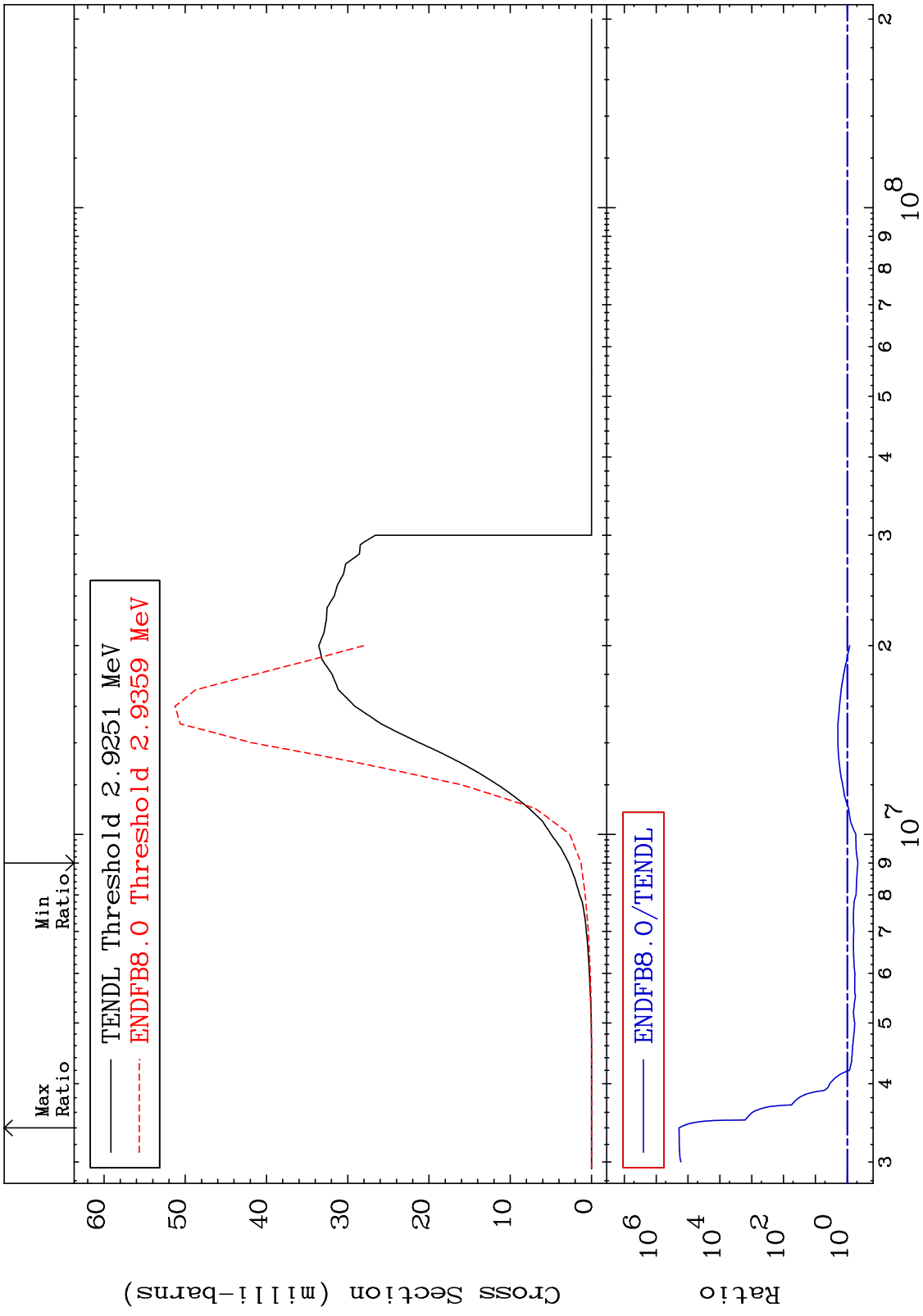
27 Incident Energy (eV) 28-Ni-63

MAT 2840  $(n, \gamma)$  Cross Section 28-Ni-63 -100.0 To 9999. %



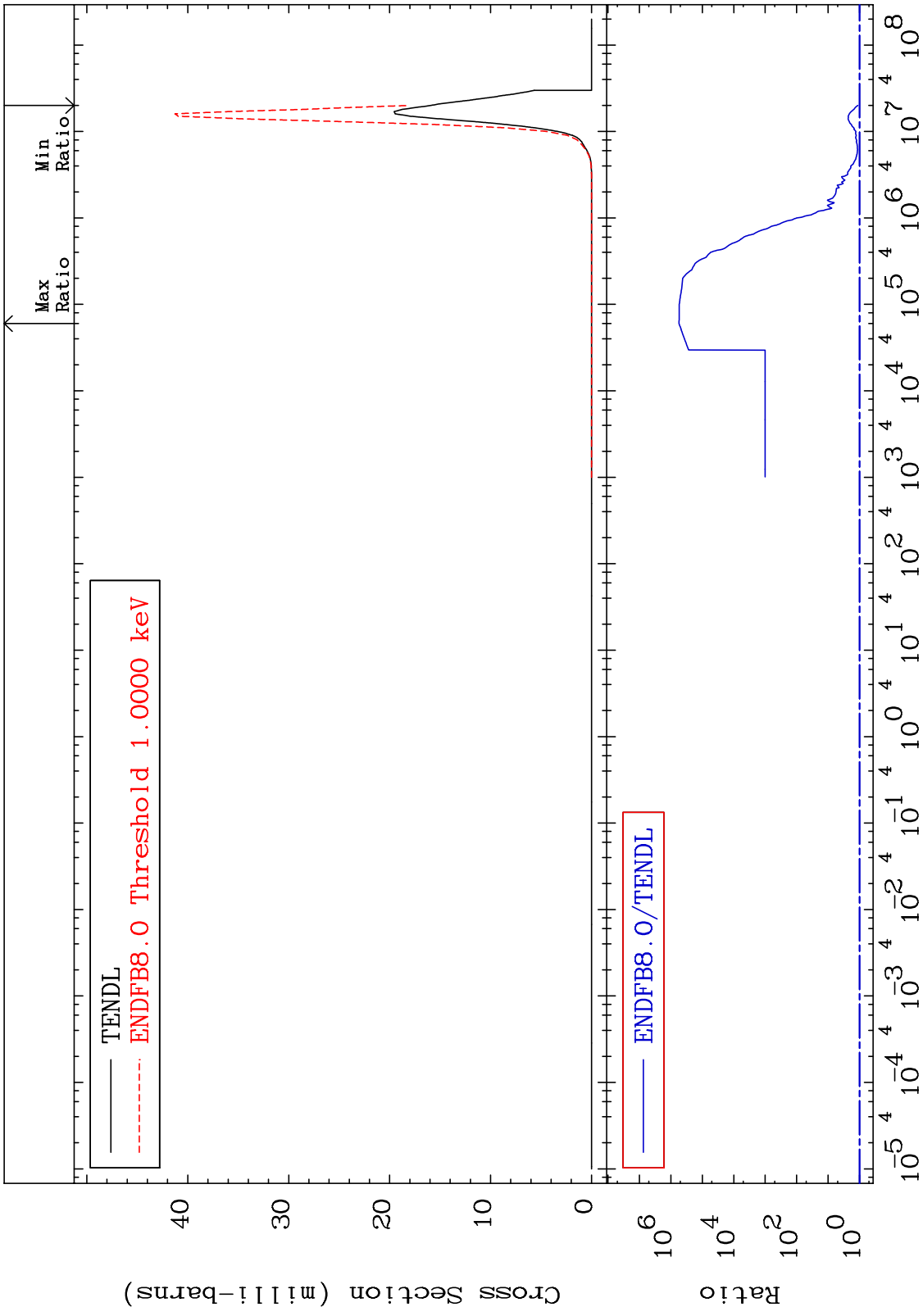
28 Incident Energy (eV) 28-Ni-63

MAT 2840 (n,p) 28-Ni-63 -53.47 To 9999. % Cross Section



28-Ni-63

MAT 2840  $(n, \alpha)$  Cross Section 28-Ni-63 To 9999. %

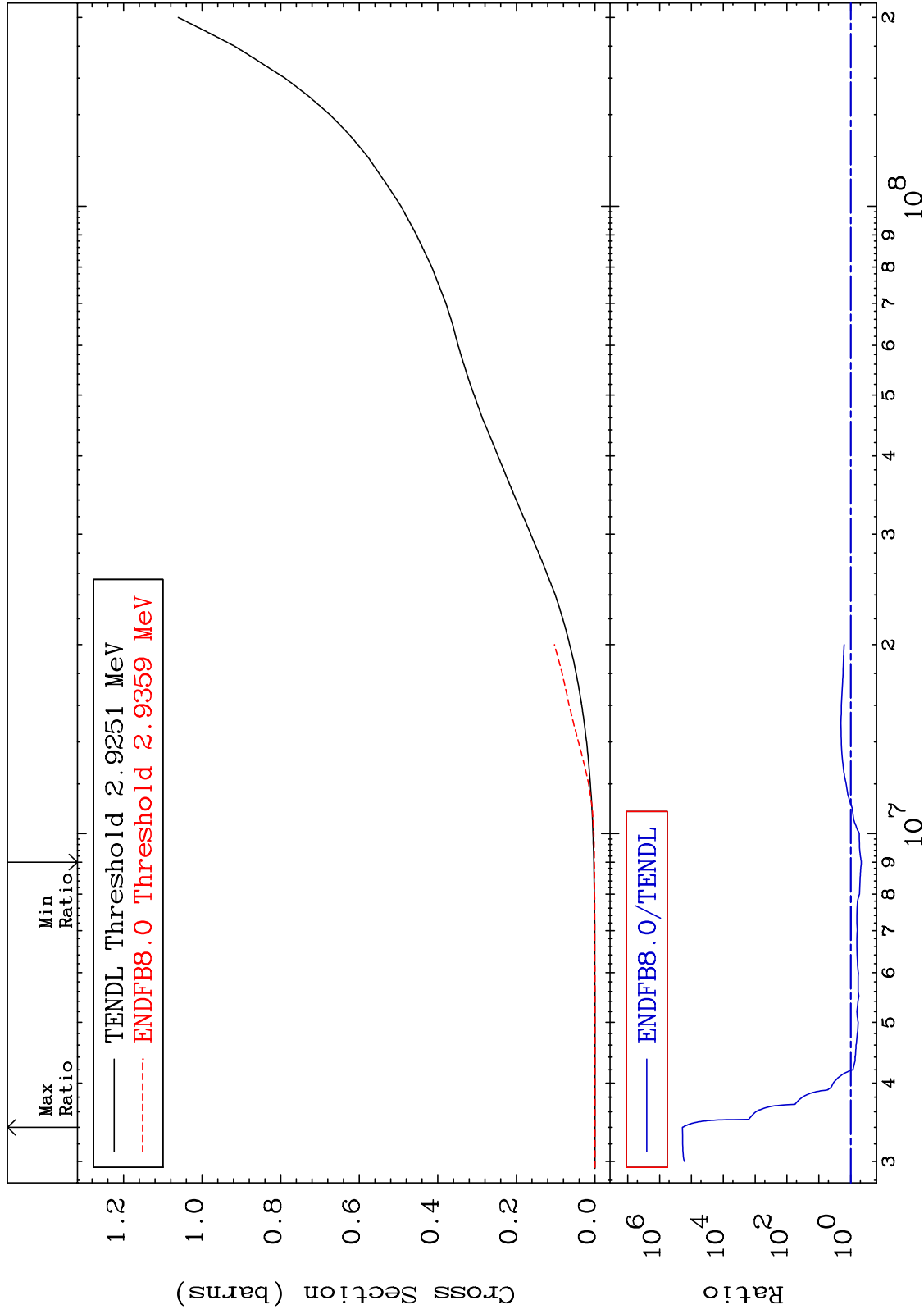


30 Incident Energy (eV) 28-Ni-63

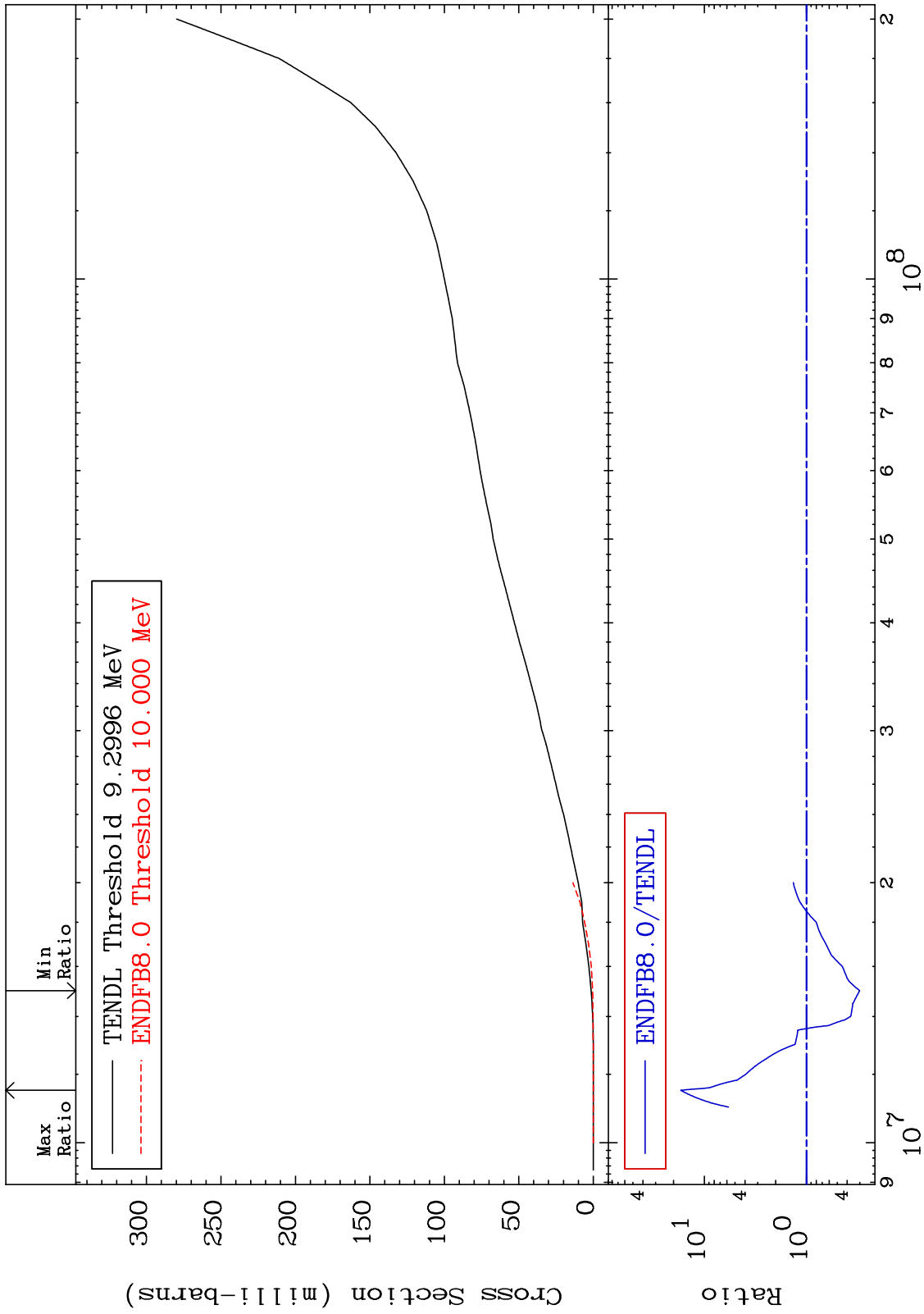
MAT 2840

Hydrogen Production  
Cross Section

28-Ni-63  
-53.47 To 9999. %



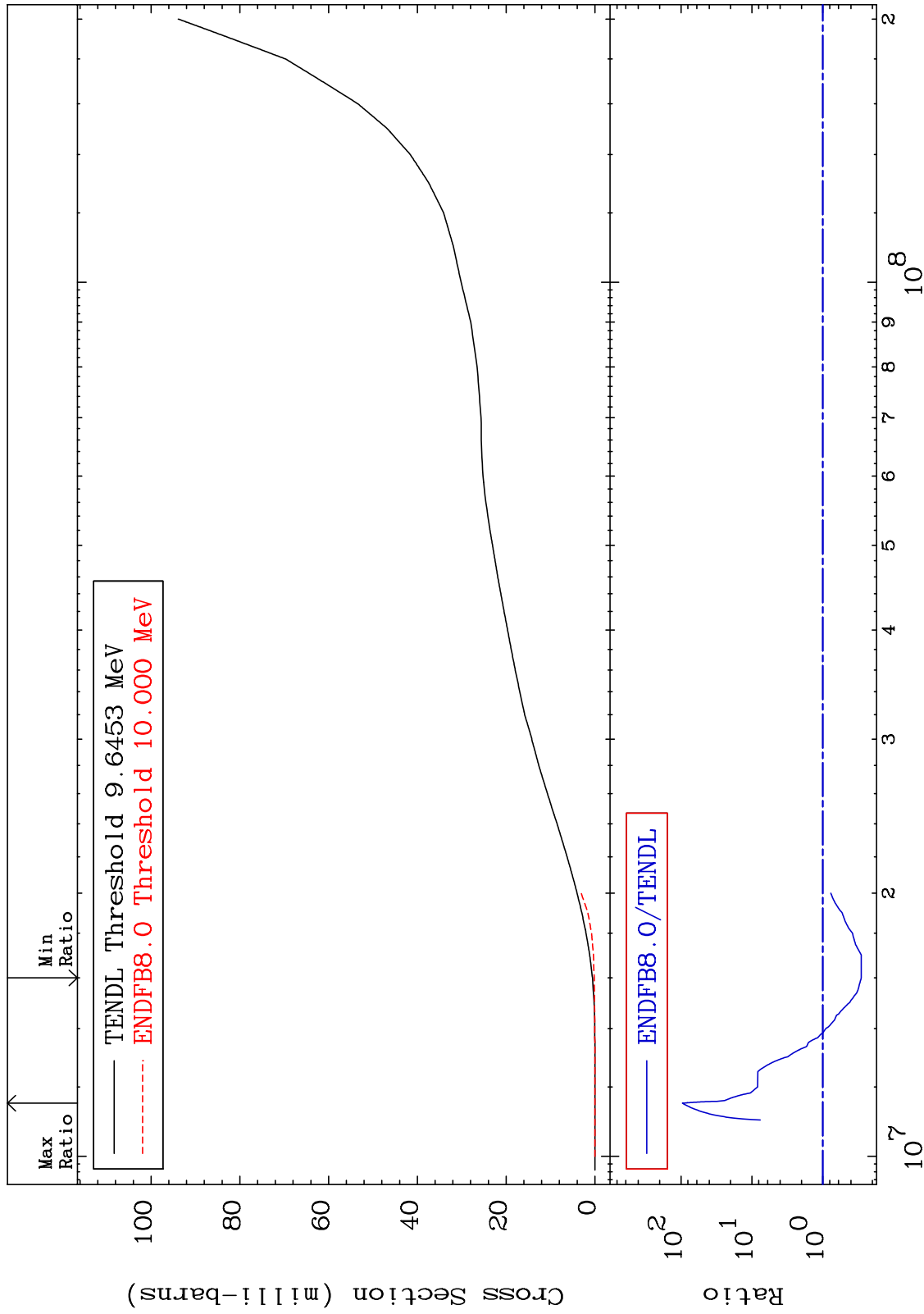




MAT 2840

Tritium Production  
Cross Section

28-Ni-63  
-71.32 To 9443. %



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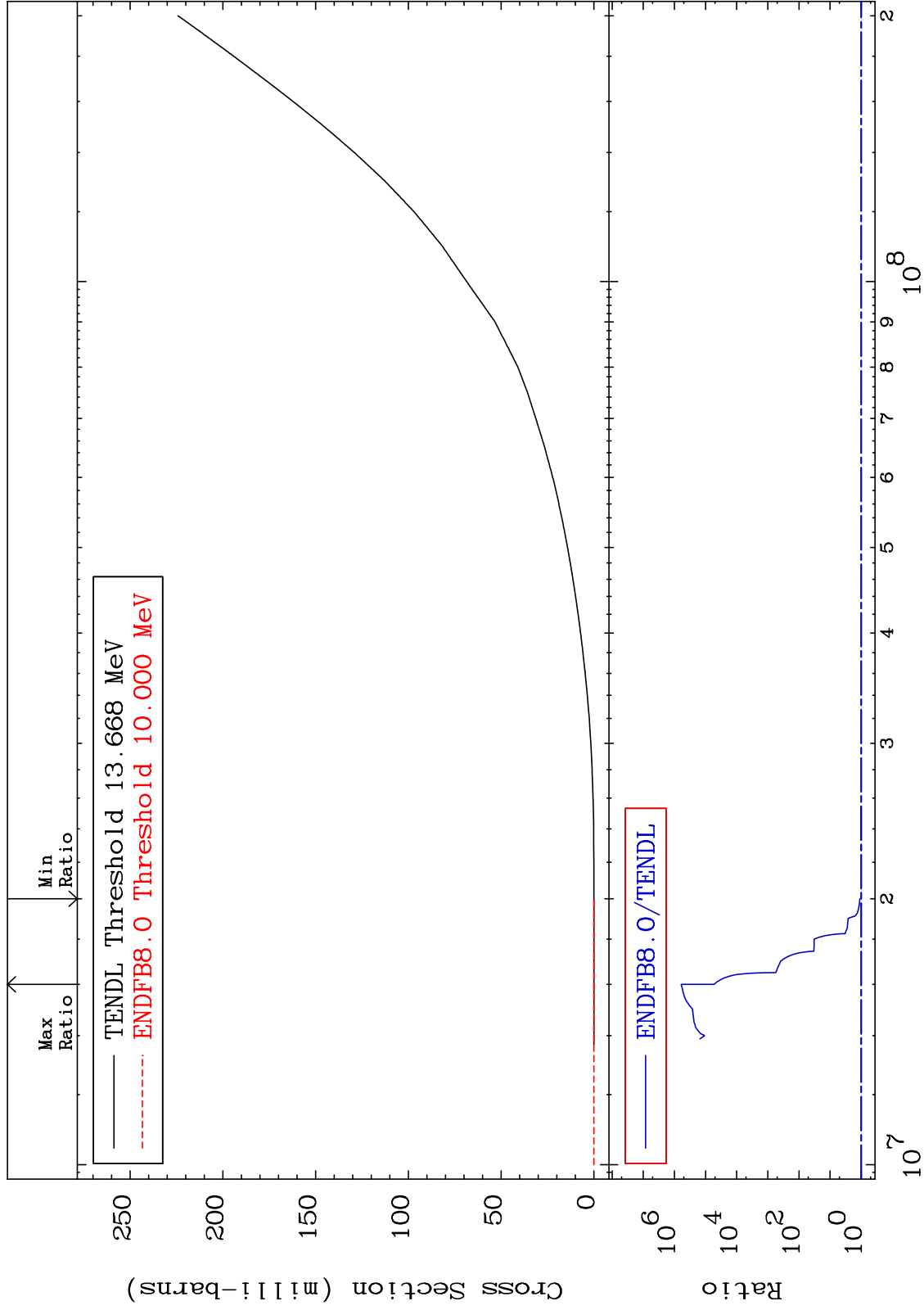
Incident Energy (eV)

28-Ni-63

MAT 2840

He-3 Production  
Cross Section

28-Ni-63  
11.14 To 9999. %



34

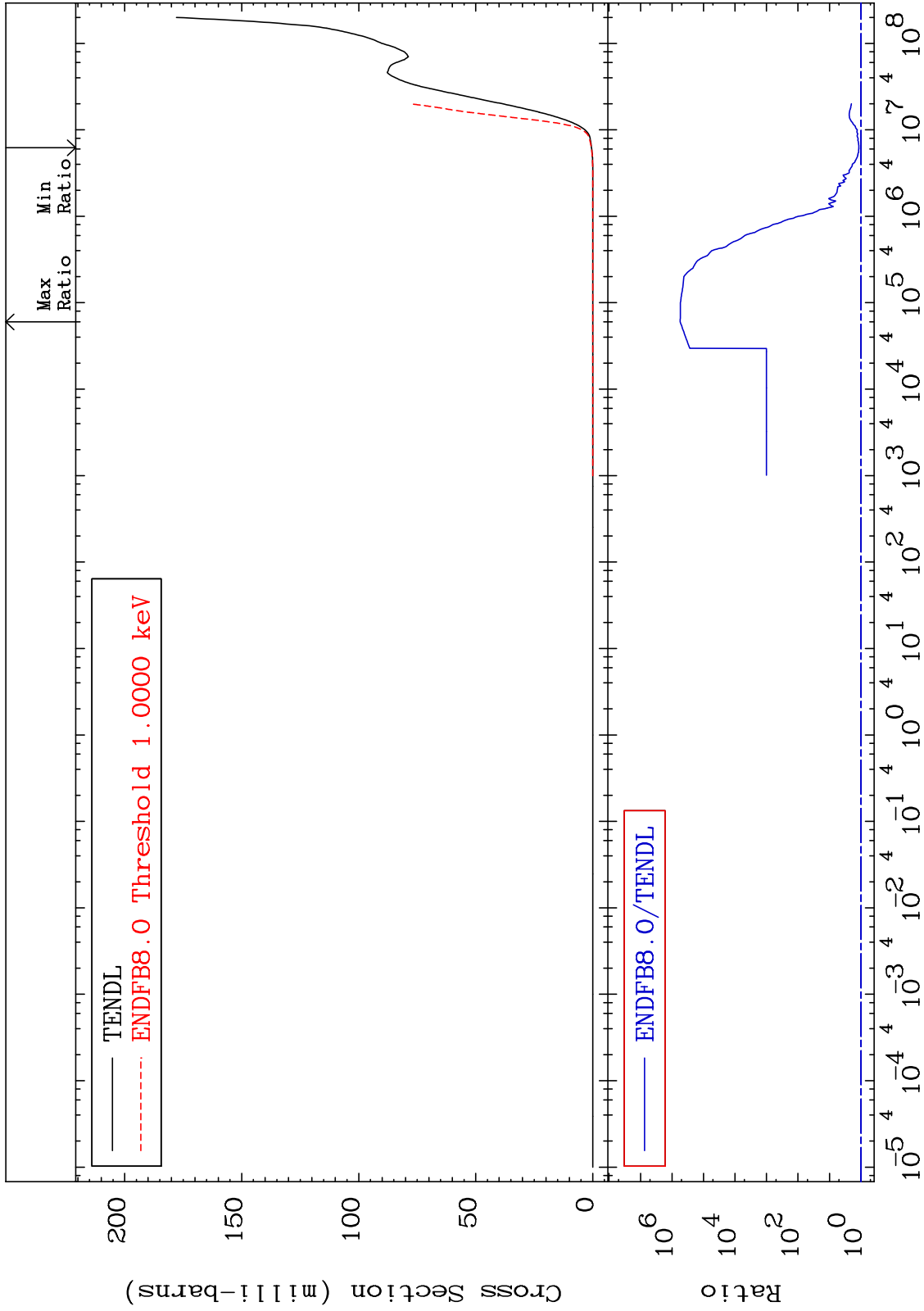
Incident Energy (eV)

28-Ni-63

MAT 2840

He-4 Production  
Cross Section

28-Ni-63  
16.43 To 9999. %

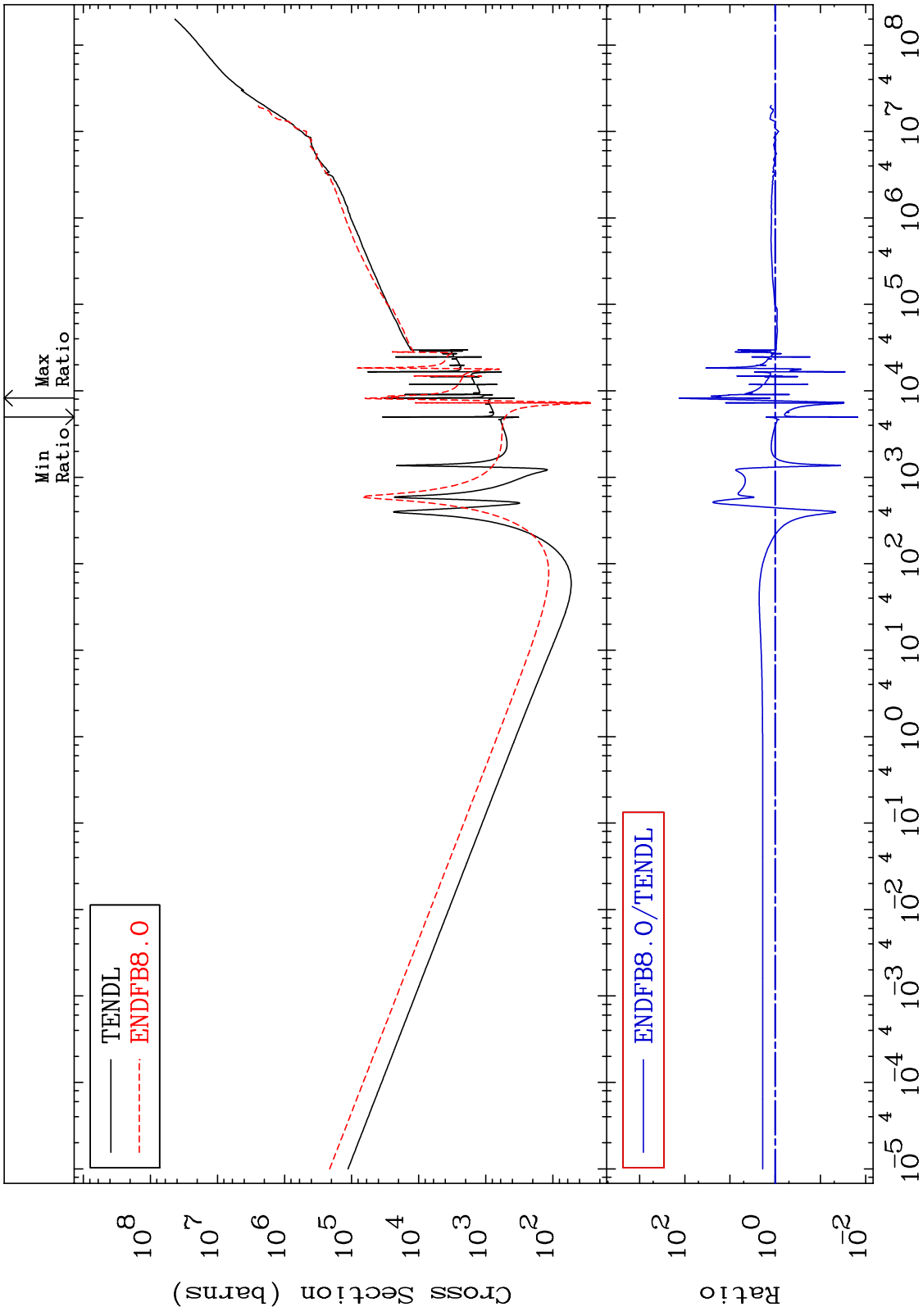


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Incident Energy (eV)

28-Ni-63

MAT 2840 Kerma total (eV-barns) 28-Ni-63  
 Cross Section -98.51 To 9999. %

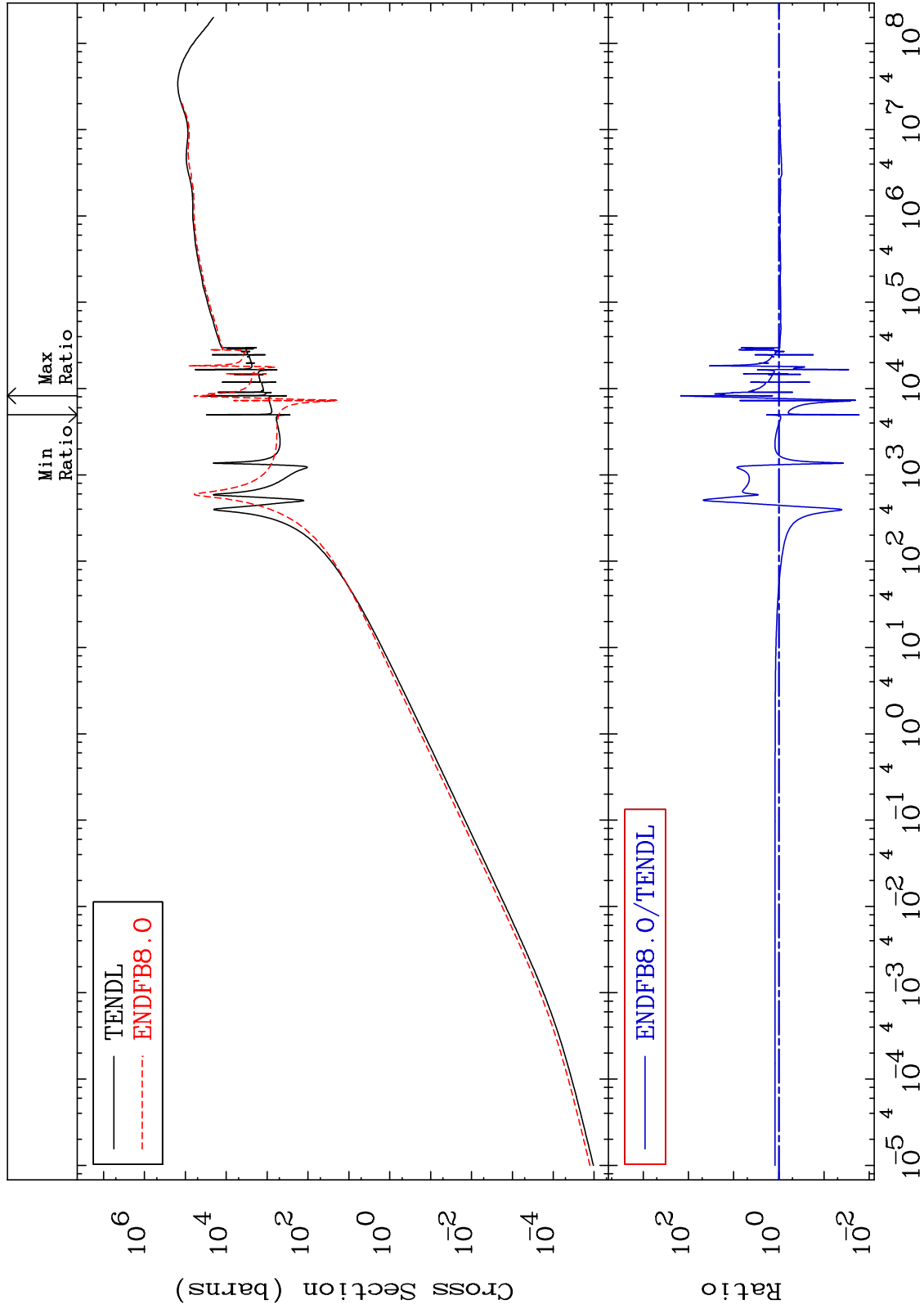


36 Incident Energy (eV) 28-Ni-63

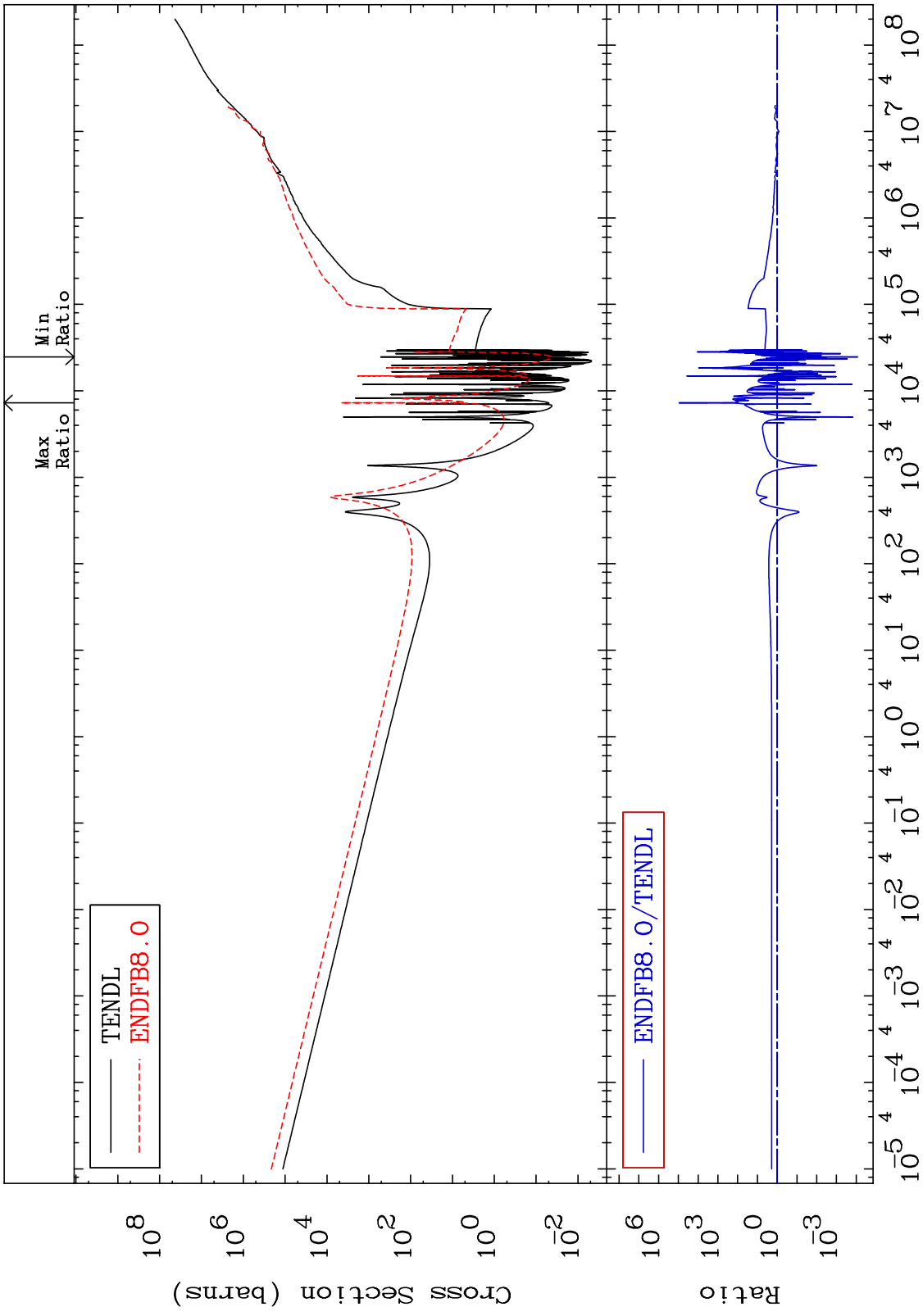
MAT 2840

Kerma elastic  
Cross Section

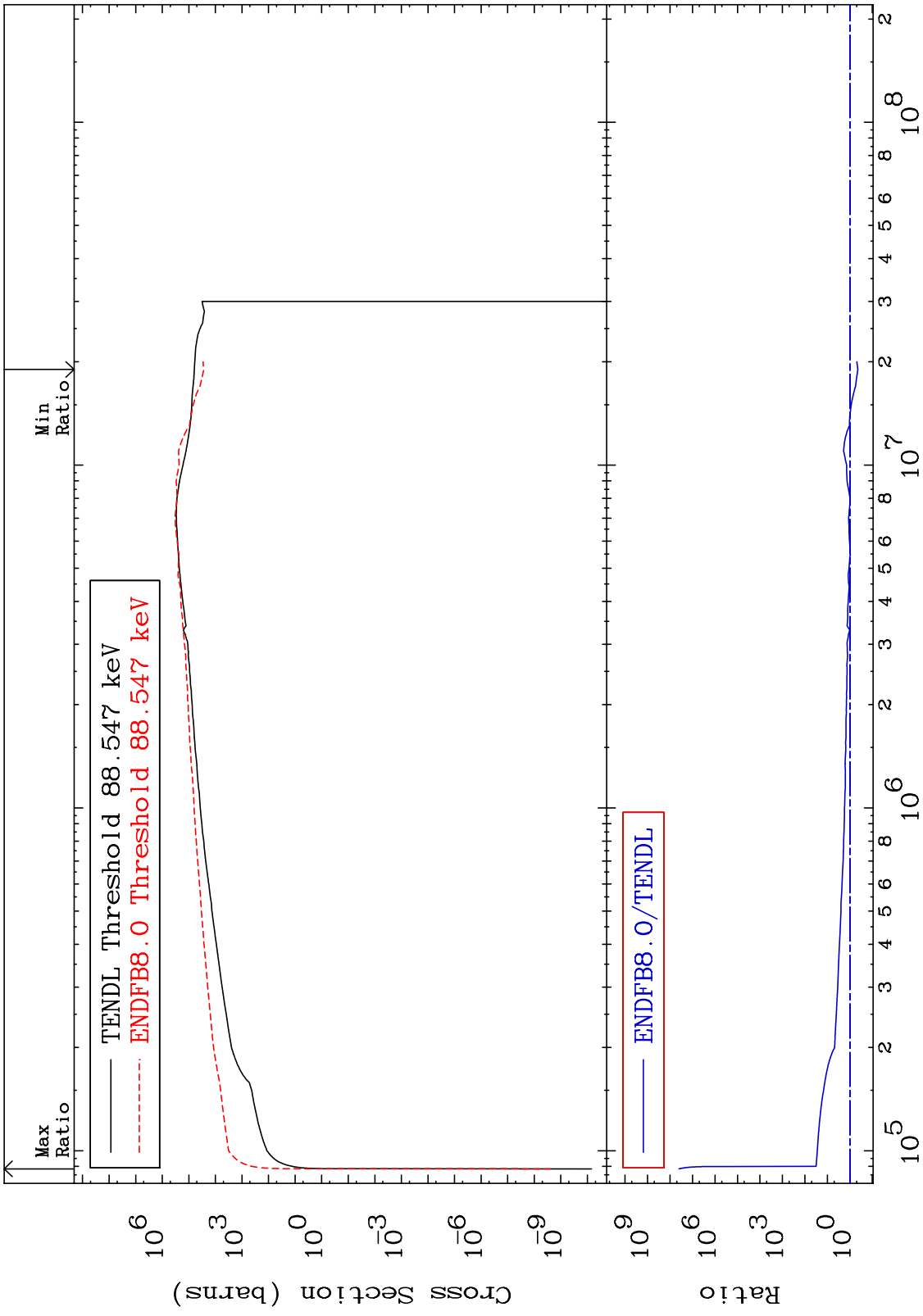
28-Ni-63  
-98.32 To 9999. %



MAT 2840      Kerma non-elastic (all but mt2)      28-Ni-63  
 Cross Section      -99.99 To 9999. %



MAT 2840 Kerma inelastic (mt51-91) 28-Ni-63  
 Cross Section -55.95 To 9999. %



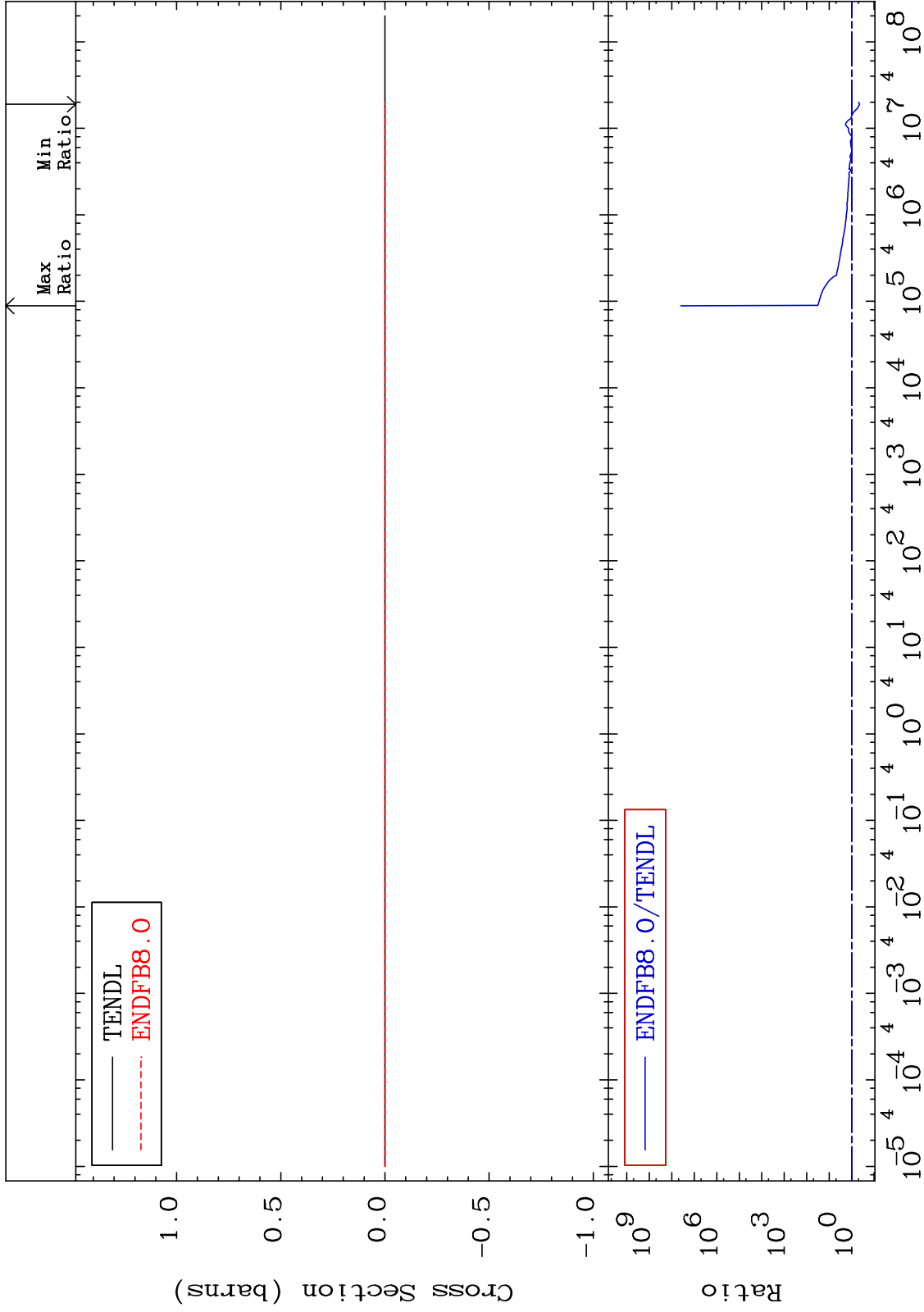
39 Incident Energy (eV) 28-Ni-63



MAT 2840

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

28-Ni-63  
-55.95 To 9999. %

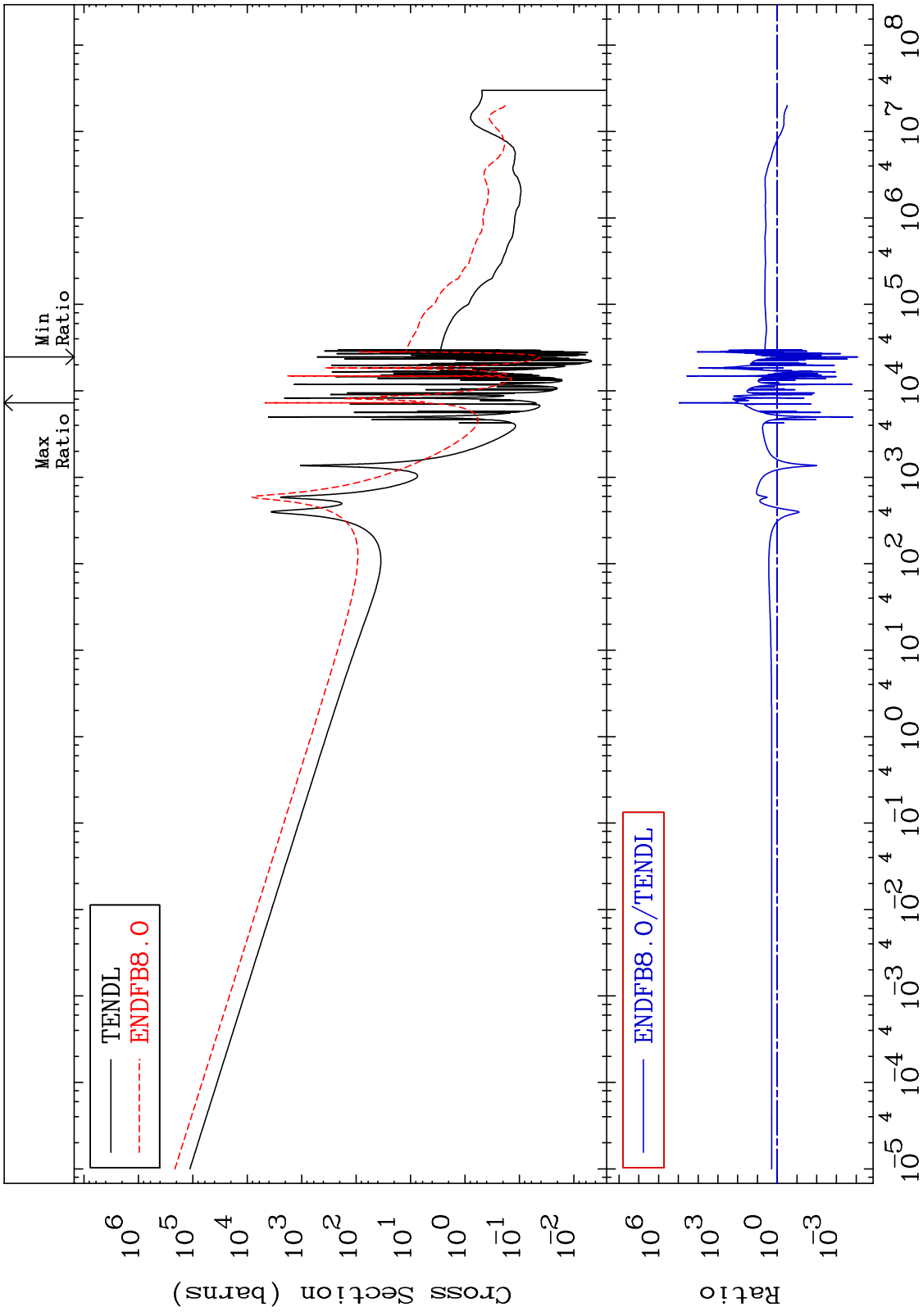


40

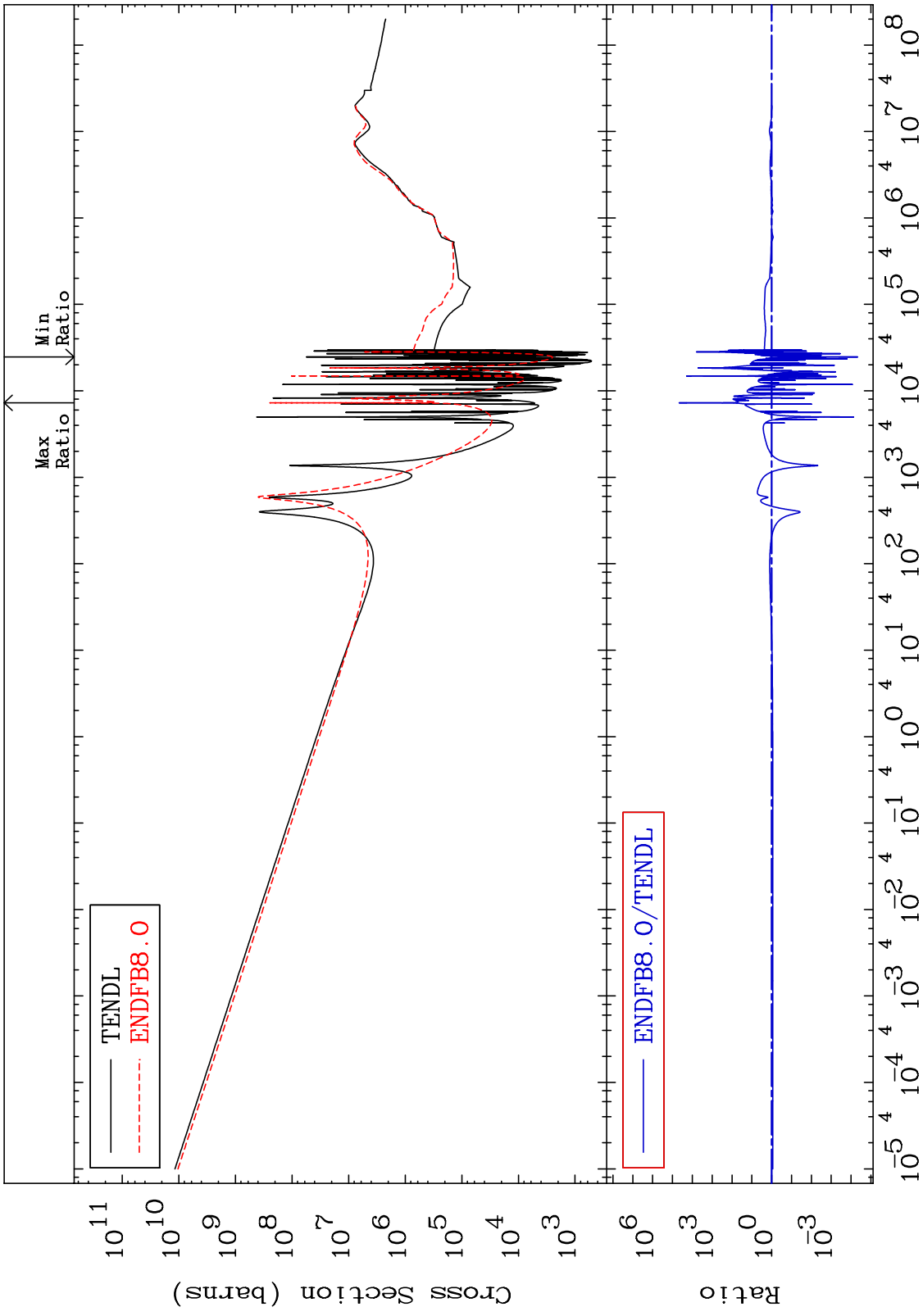
Incident Energy (eV)

28-Ni-63

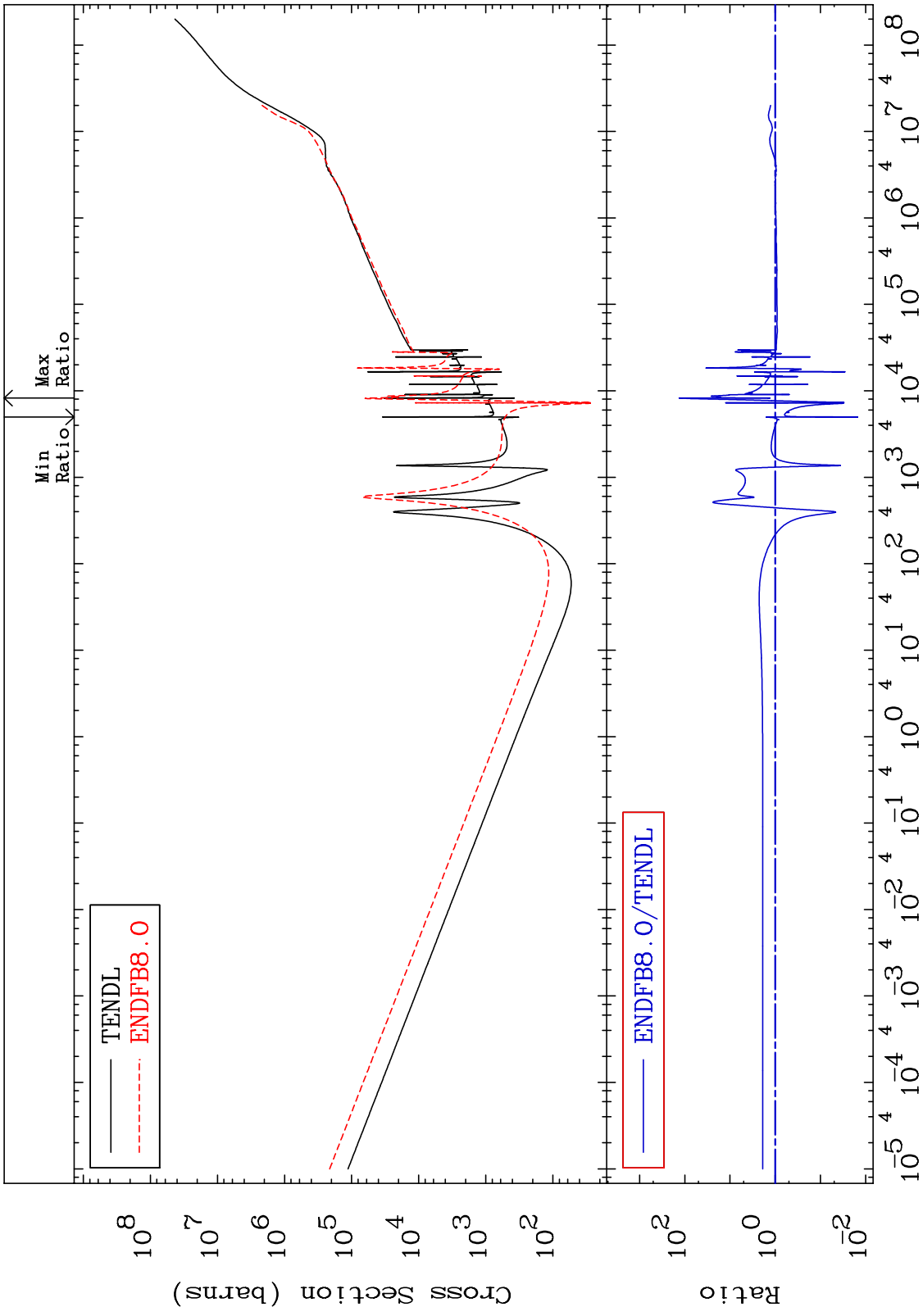
MAT 2840      Kerma capture (mt102)      28-Ni-63  
 -99.99 To 9999. %



MAT 2840 28-Ni-63  
 Total photon (eV-barns) -100.0 To 9999. %  
 Cross Section



MAT 2840      Total kinematic kerma (high limit)      28-Ni-63  
 Cross Section      -98.51 To 9999. %

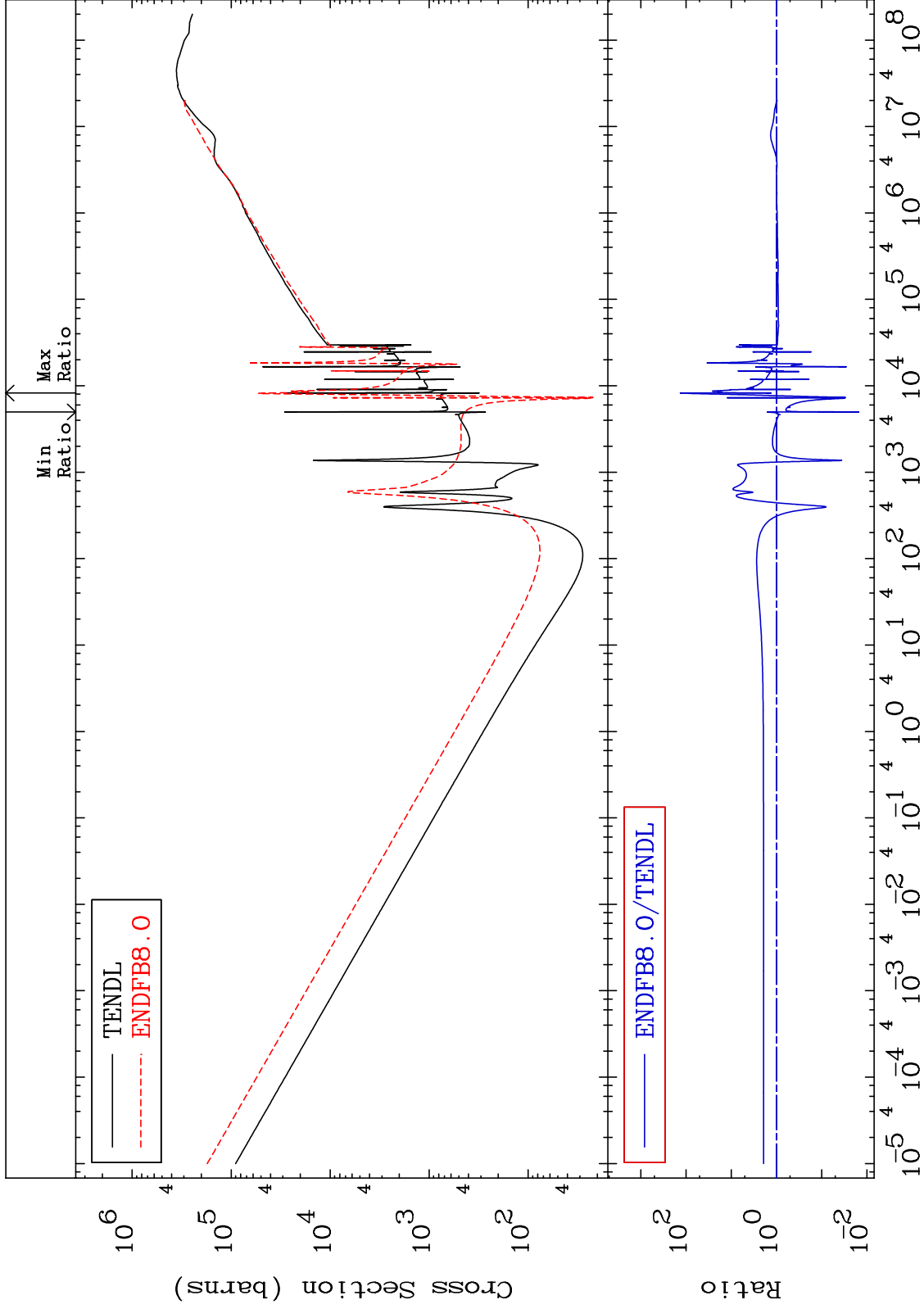


43      Incident Energy (eV)      28-Ni-63

MAT 2840

Dpa total (eV-barns)  
Cross Section

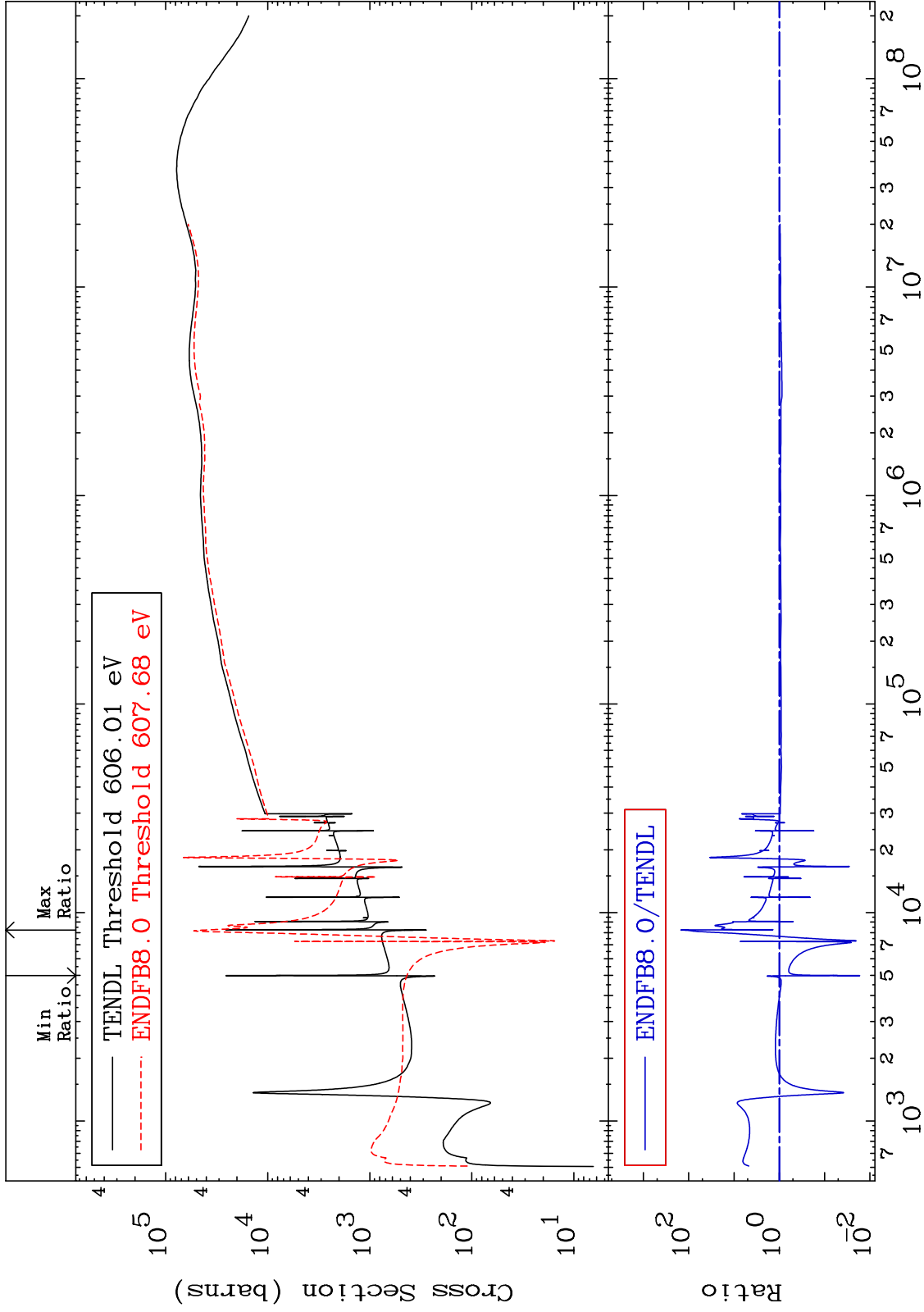
28-Ni-63  
-98.50 To 9999. %



MAT 2840

Dpa elastic (mt2)  
Cross Section

28-Ni-63  
-98.32 To 9999. %

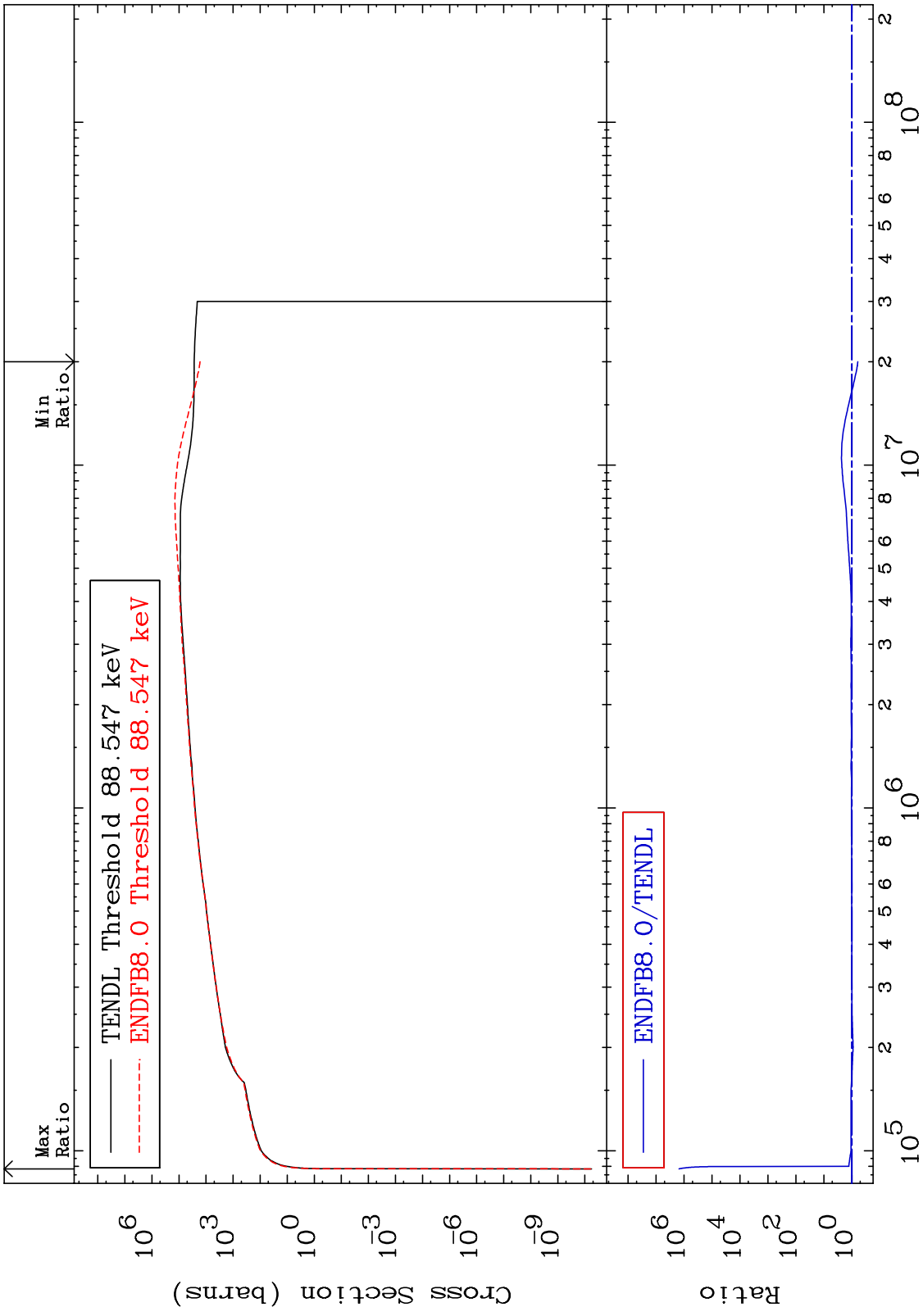


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Incident Energy (eV)

28-Ni-63

MAT 2840      Dpa inelastic (mt51-91)      28-Ni-63  
 Cross Section      -38.90 To 9999. %



46      Incident Energy (eV)      28-Ni-63

MAT 2840      Dpa disappearance (mt102 -120)      28-Ni-63  
 Cross Section      -99.99 To 9999. %

