

Program Complot
(Version 2018-1)

by

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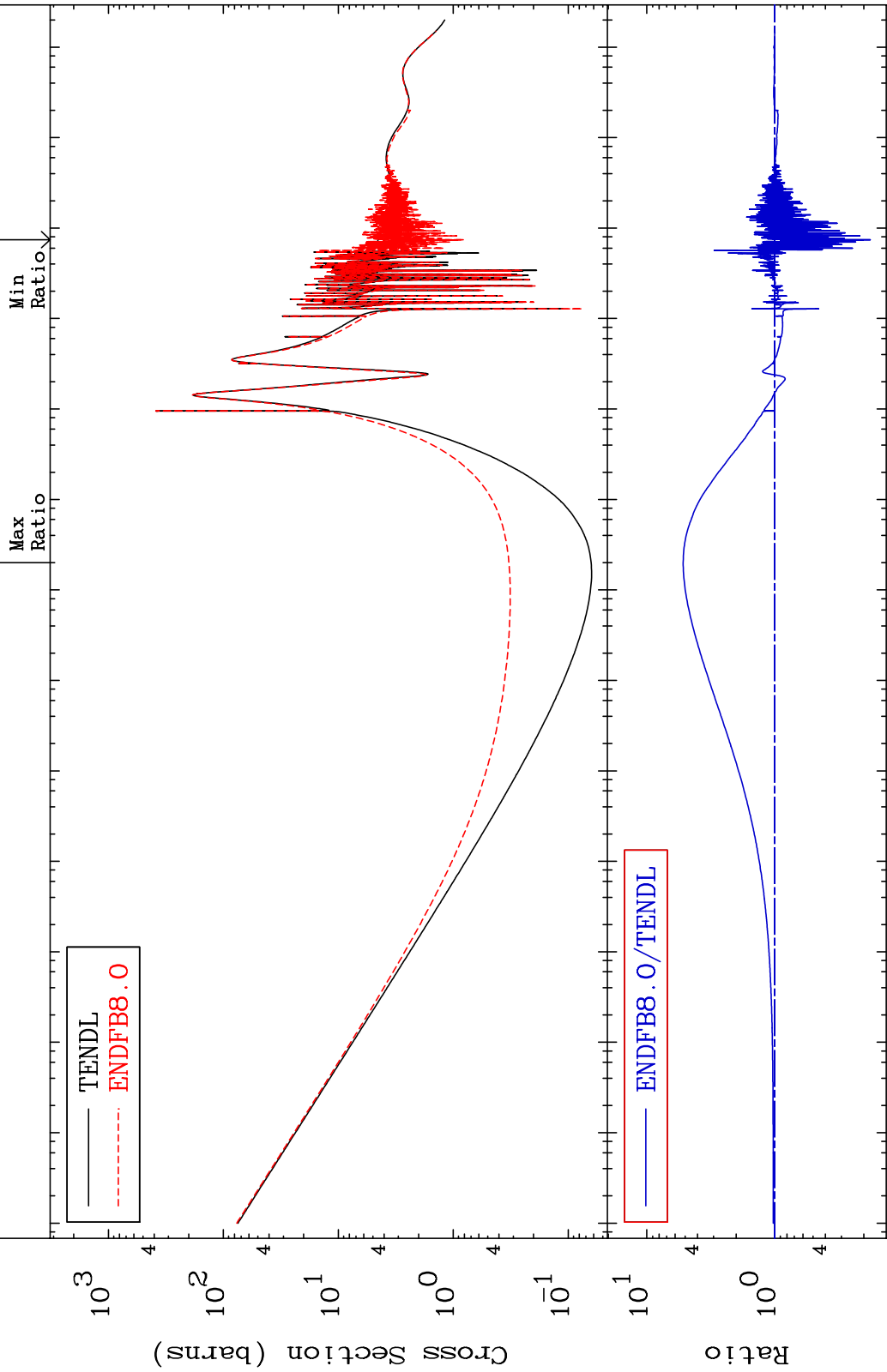
Tele: 925-443-1911

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Press Mouse Button to Start

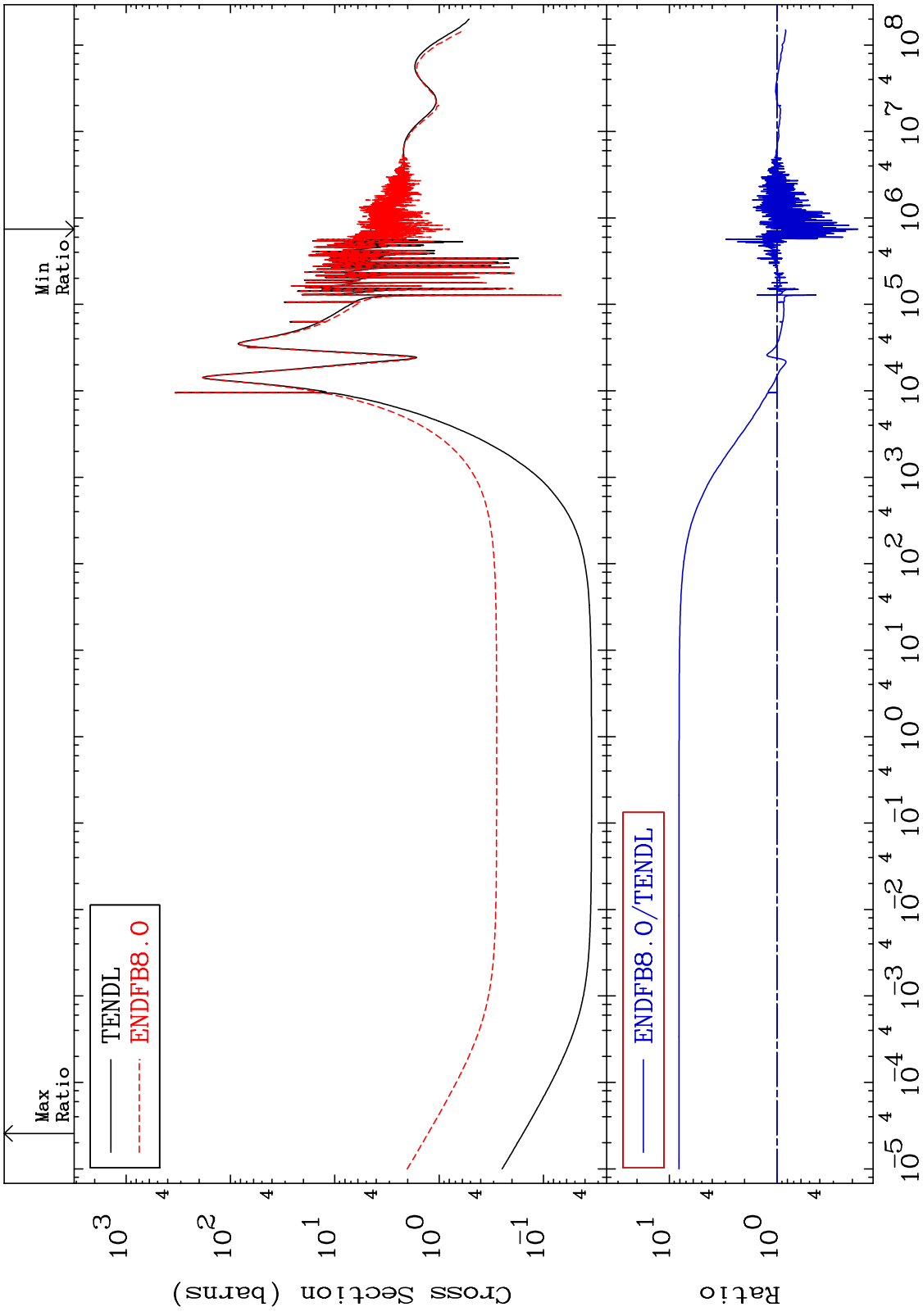
MAT 2843 28-Ni-64 -82.19 To 418.7 %

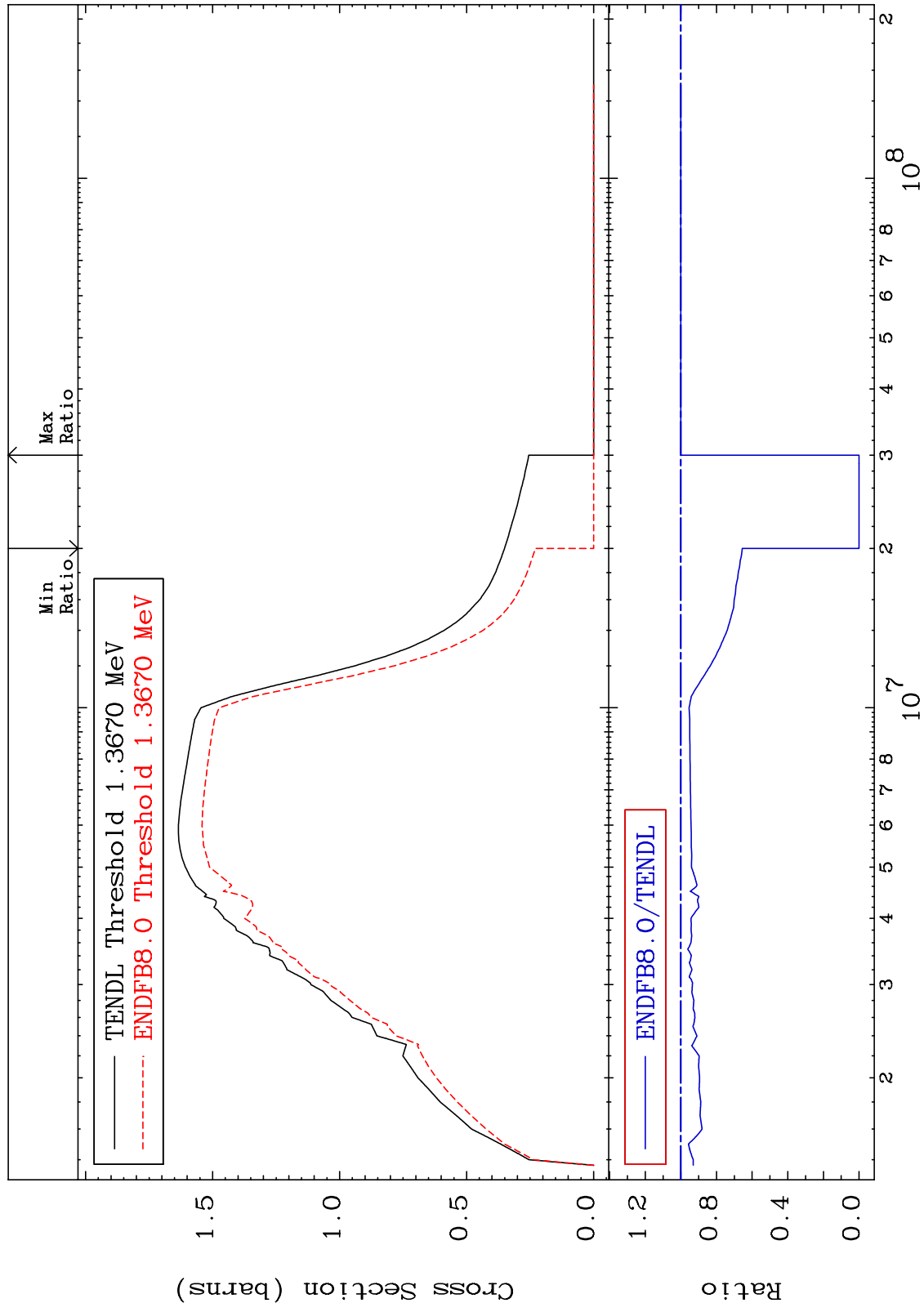
Total Cross Section



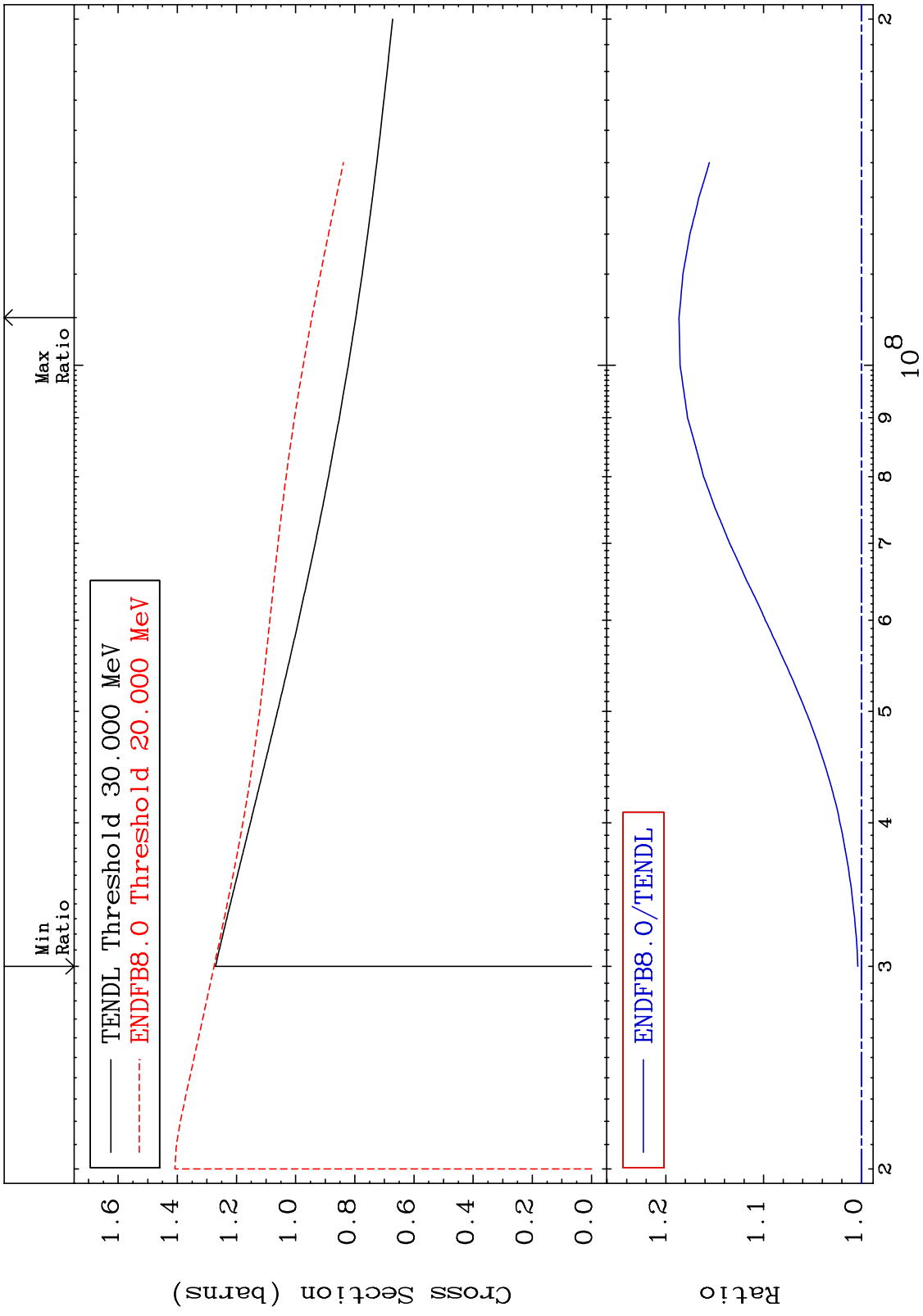
28-Ni-64

Incident Energy (eV)

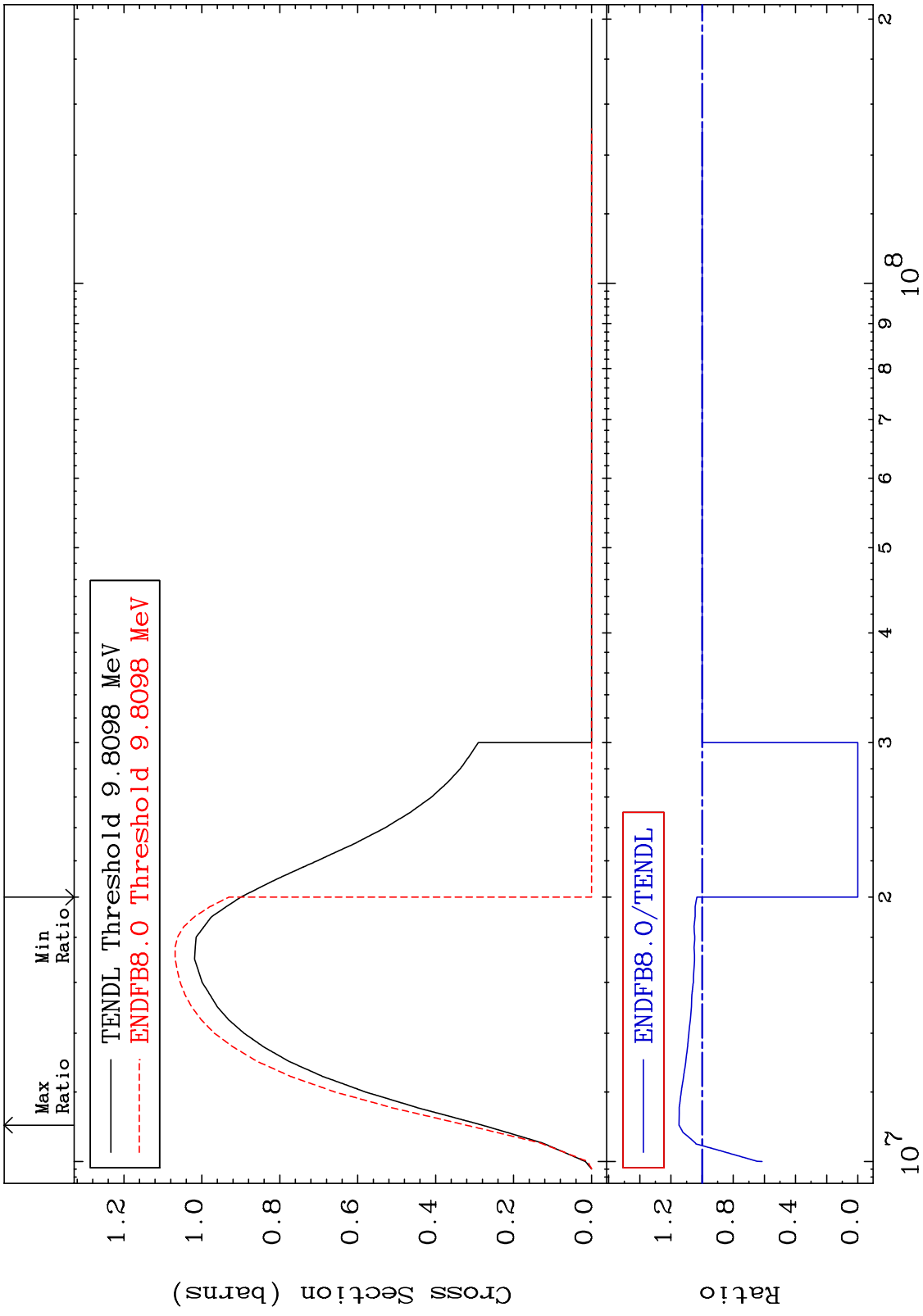




MAT 2843 (n, remainder) Cross Section 28-Ni-64 To 18.65 %

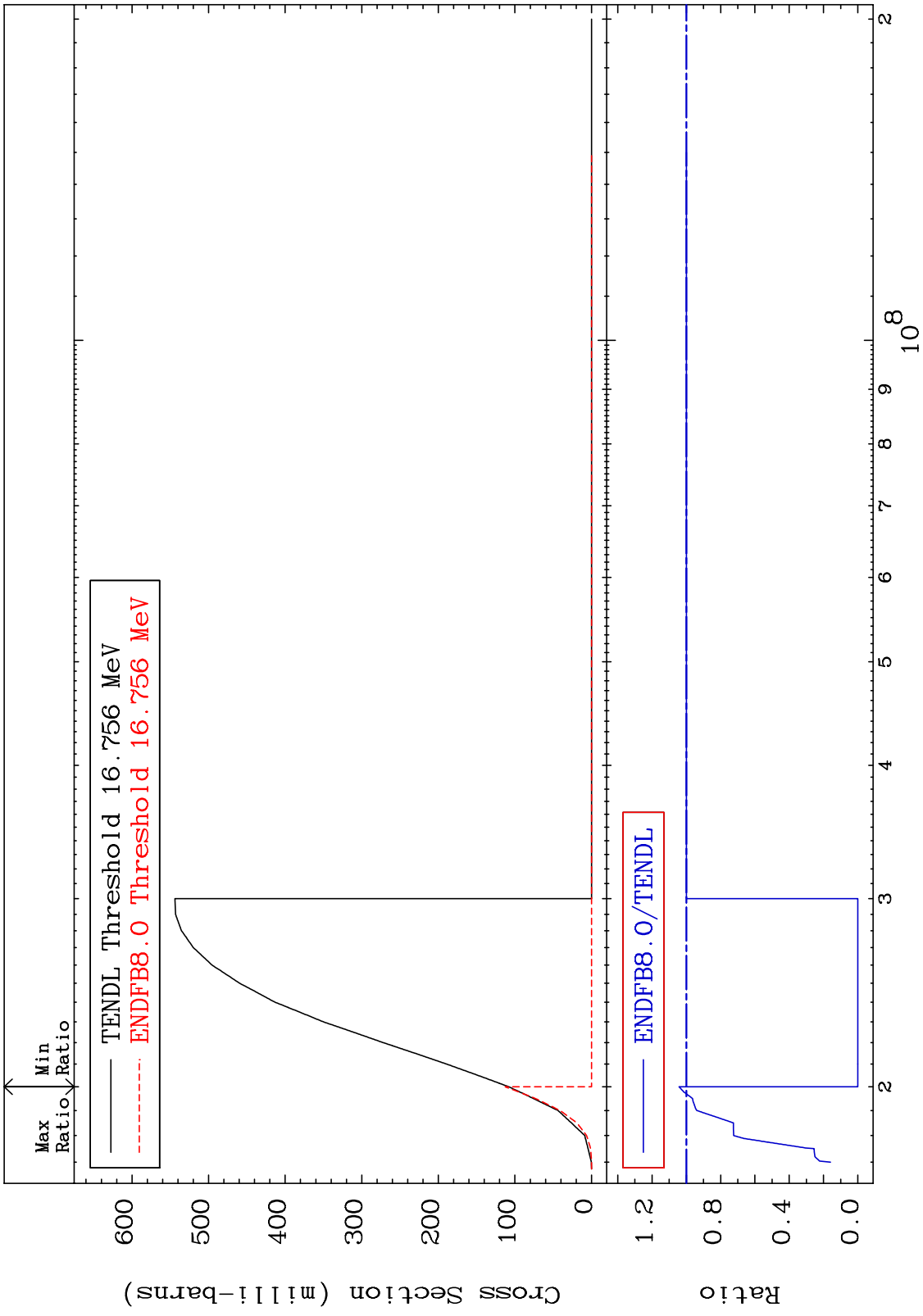


MAT 2843 (n,2n) Cross Section 28-Ni-64 -100.0 To 14.80 %

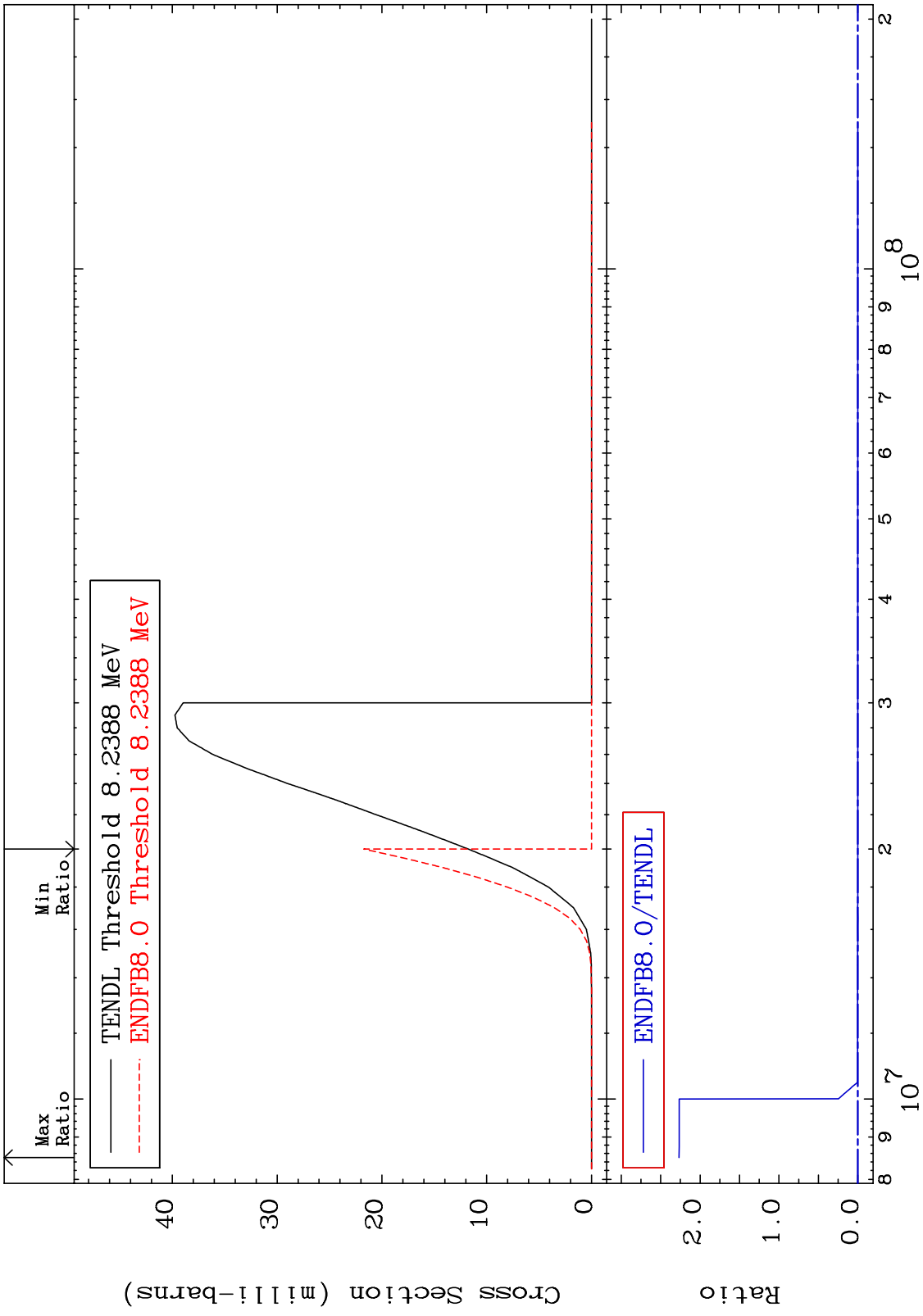


Incident Energy (eV) 28-Ni-64

MAT 2843 (n,3n) Cross Section 28-Ni-64 -100.0 To 4.240 %

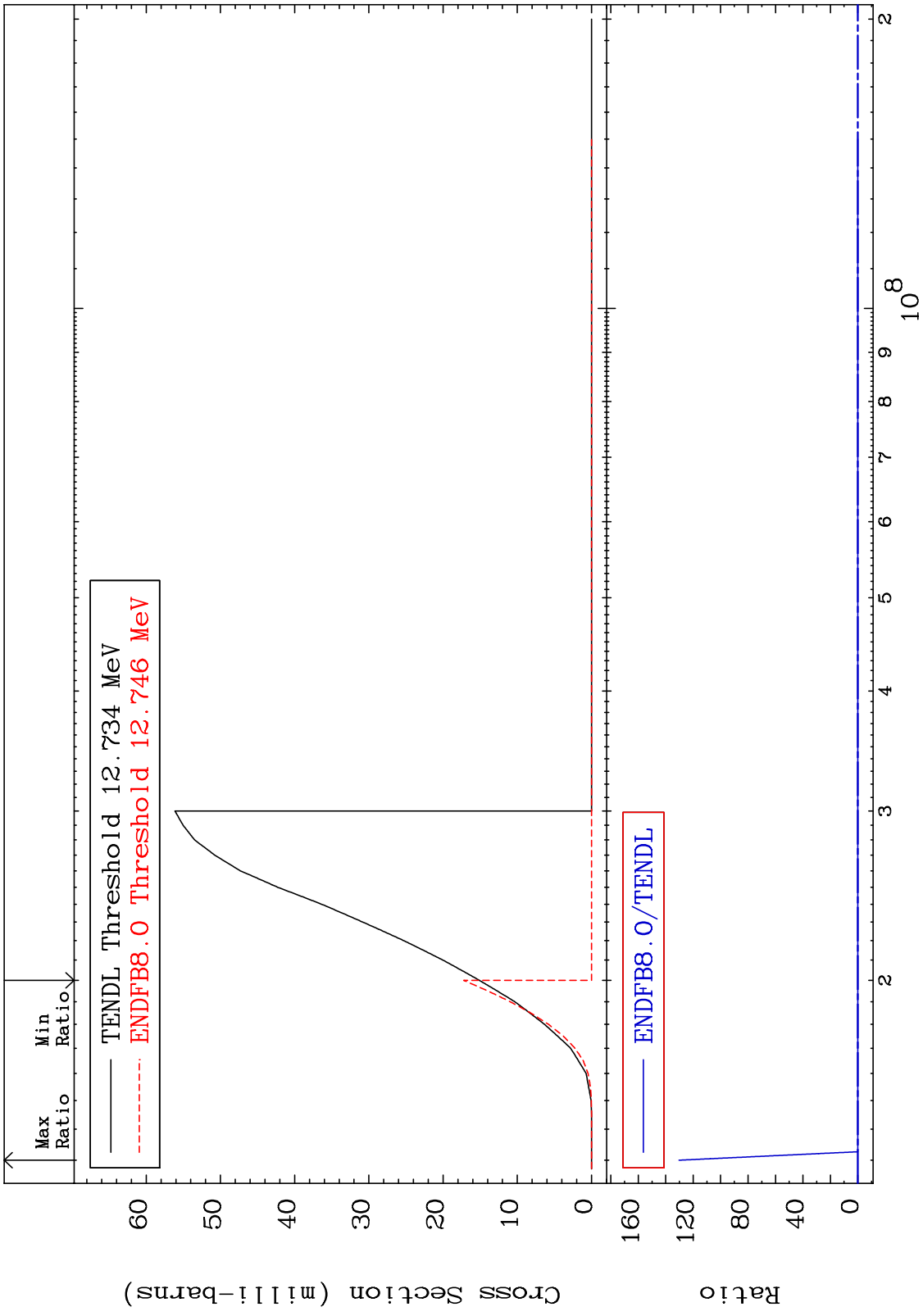


MAT 2843 $(n, n') \alpha$ 28-Ni-64
 Cross Section -100.0 To 9999. %

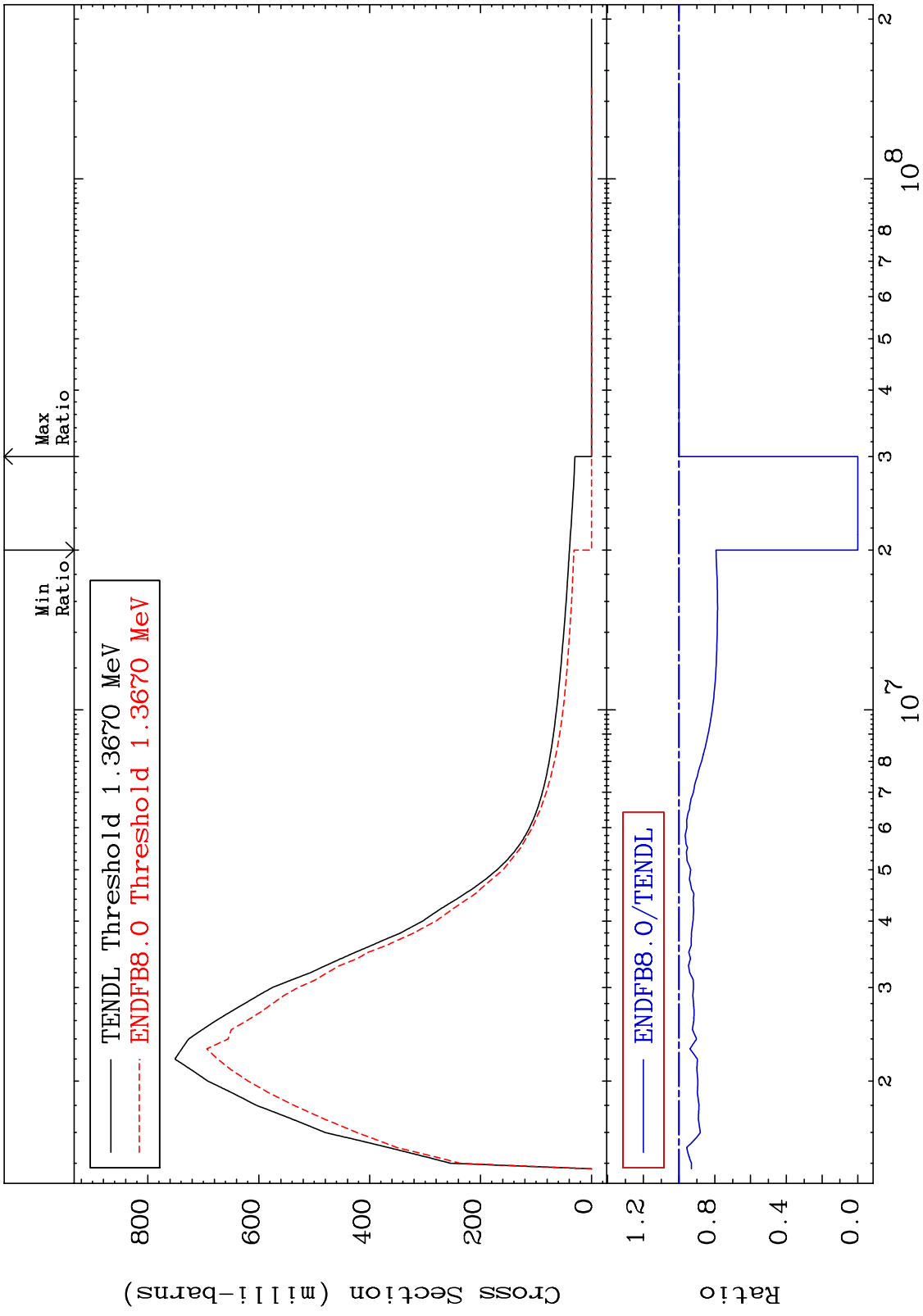


Incident Energy (eV) 28-Ni-64

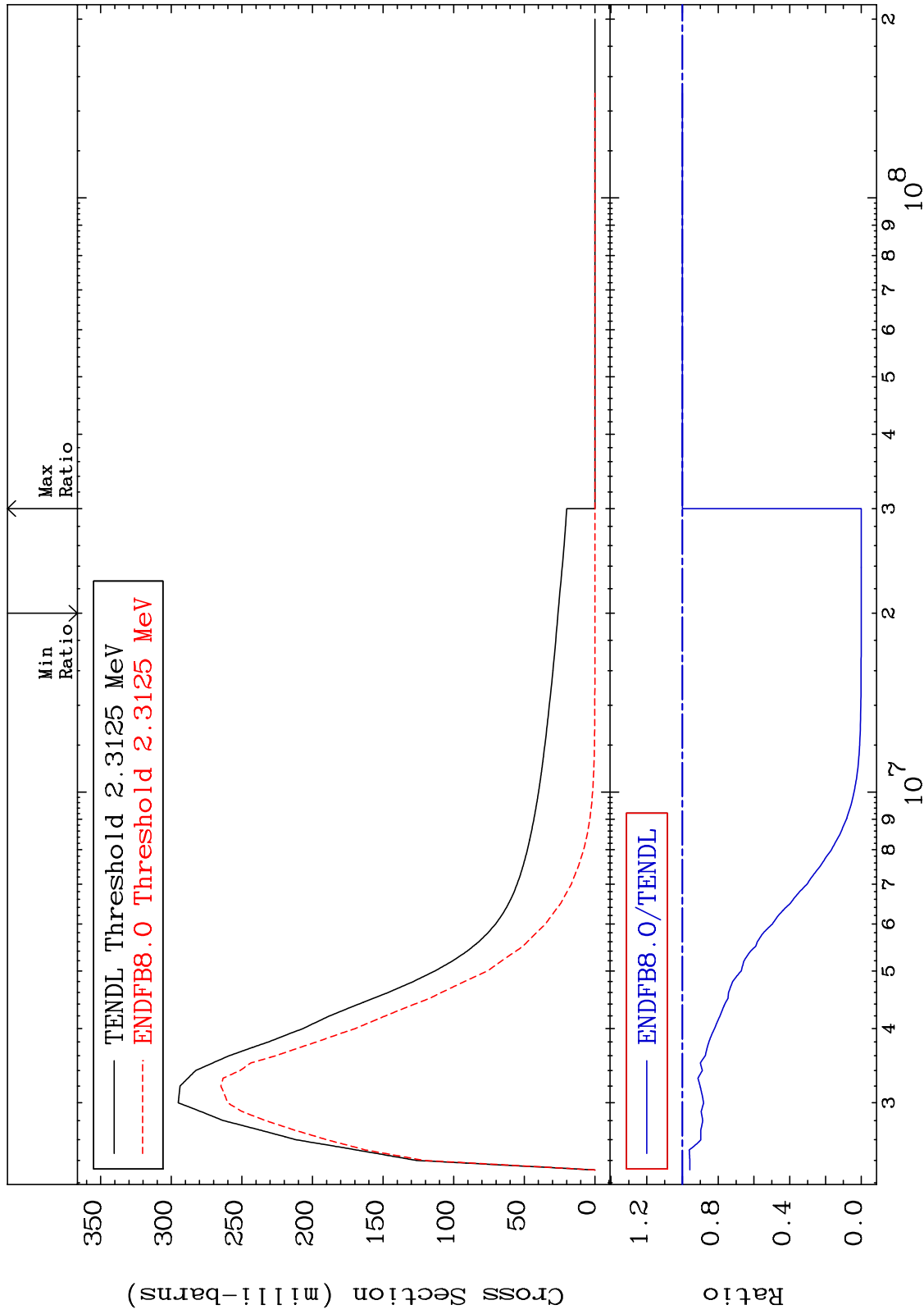
MAT 2843 (n,n') p 28-Ni-64
 Cross Section -100.0 To 9999. %



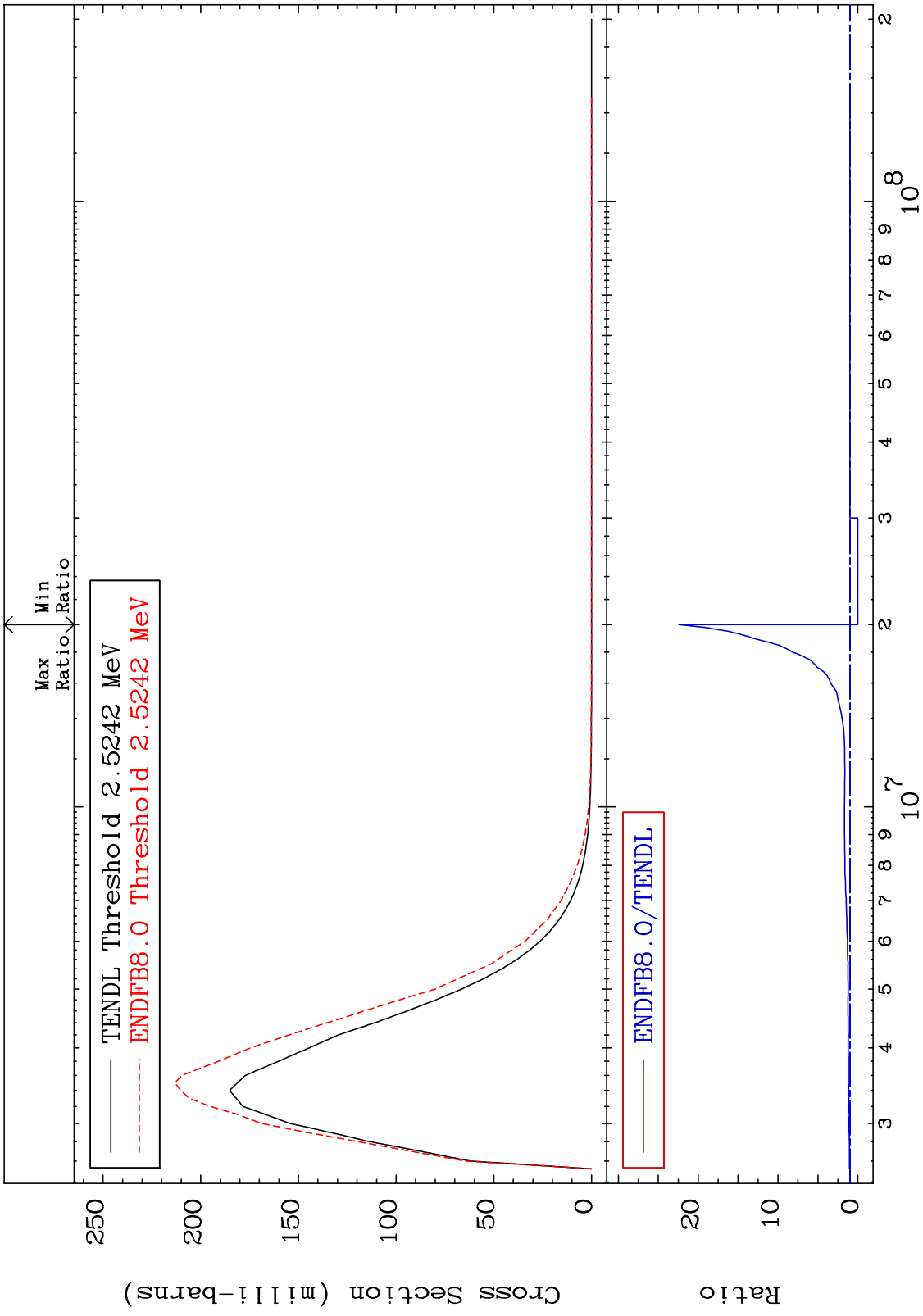
MAT 2843 MT= 51 (n,n') Level Cross Section -100.0 To 0.000 % 28-Ni-64



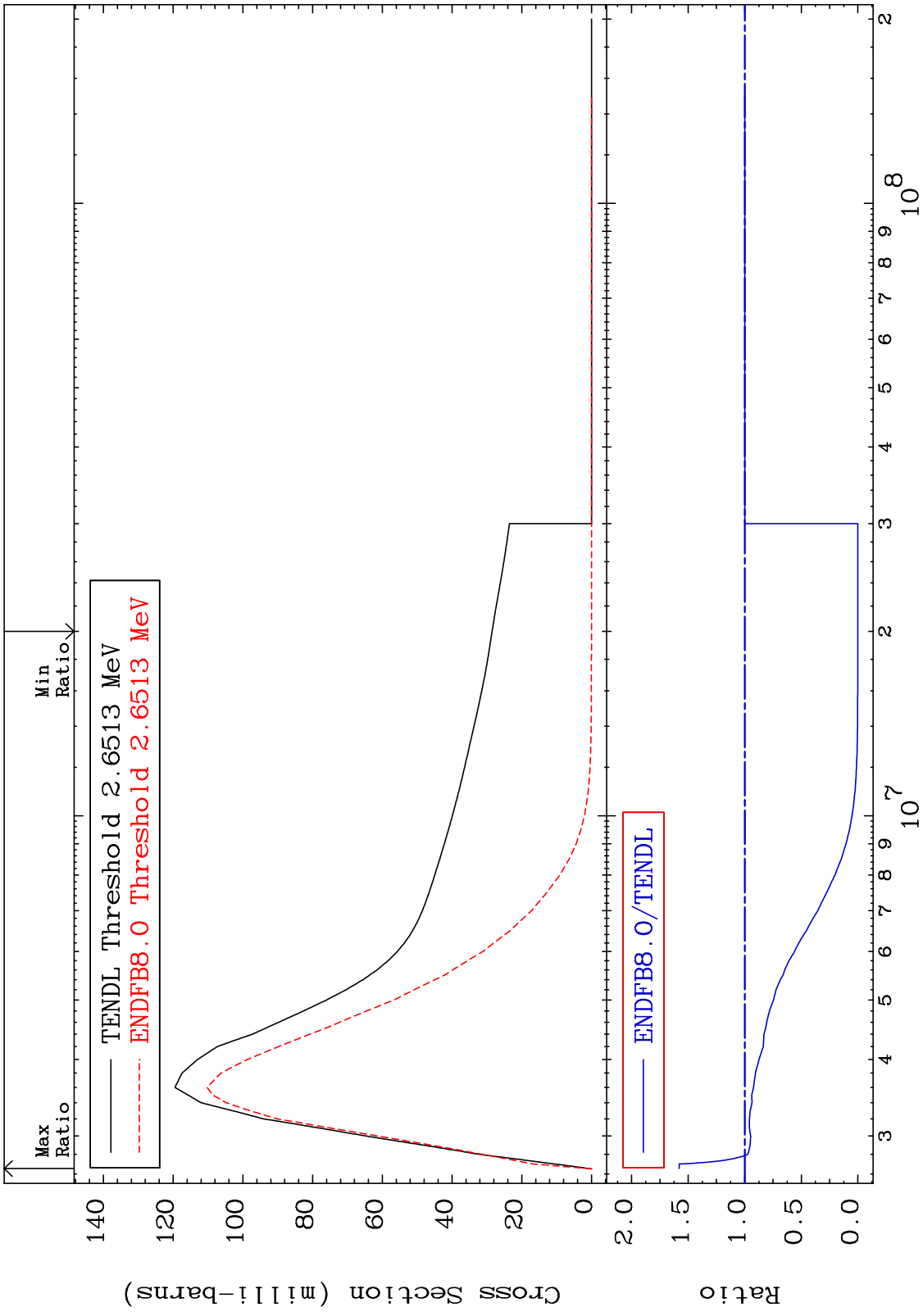
MAT 2843 MT= 52 (n,n') Level Cross Section -100.0 To 0.000 % 28-Ni-64



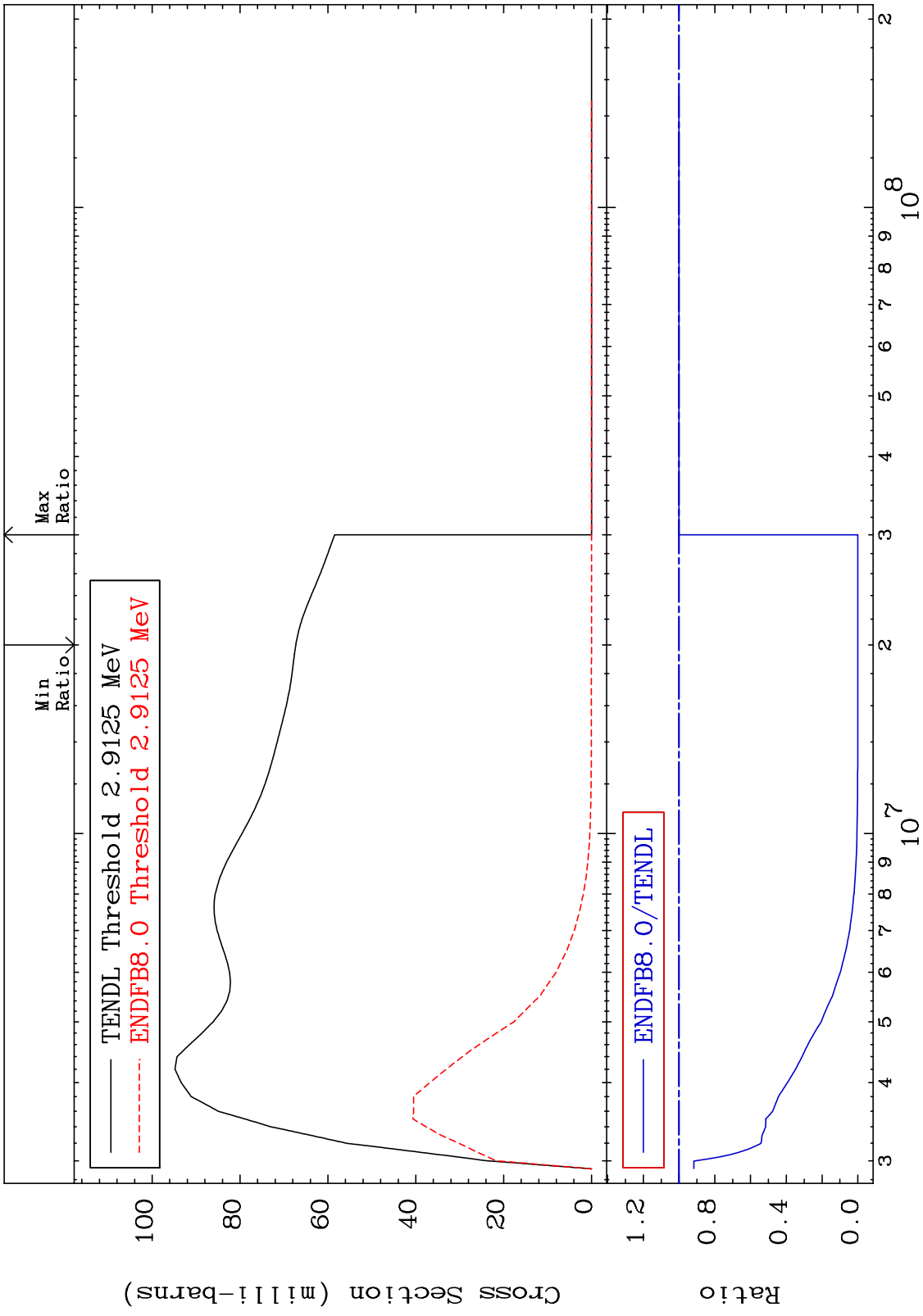
MAT 2843 MT= 53 (n,n') Level Cross Section -100.0 To 2140. % 28-Ni-64



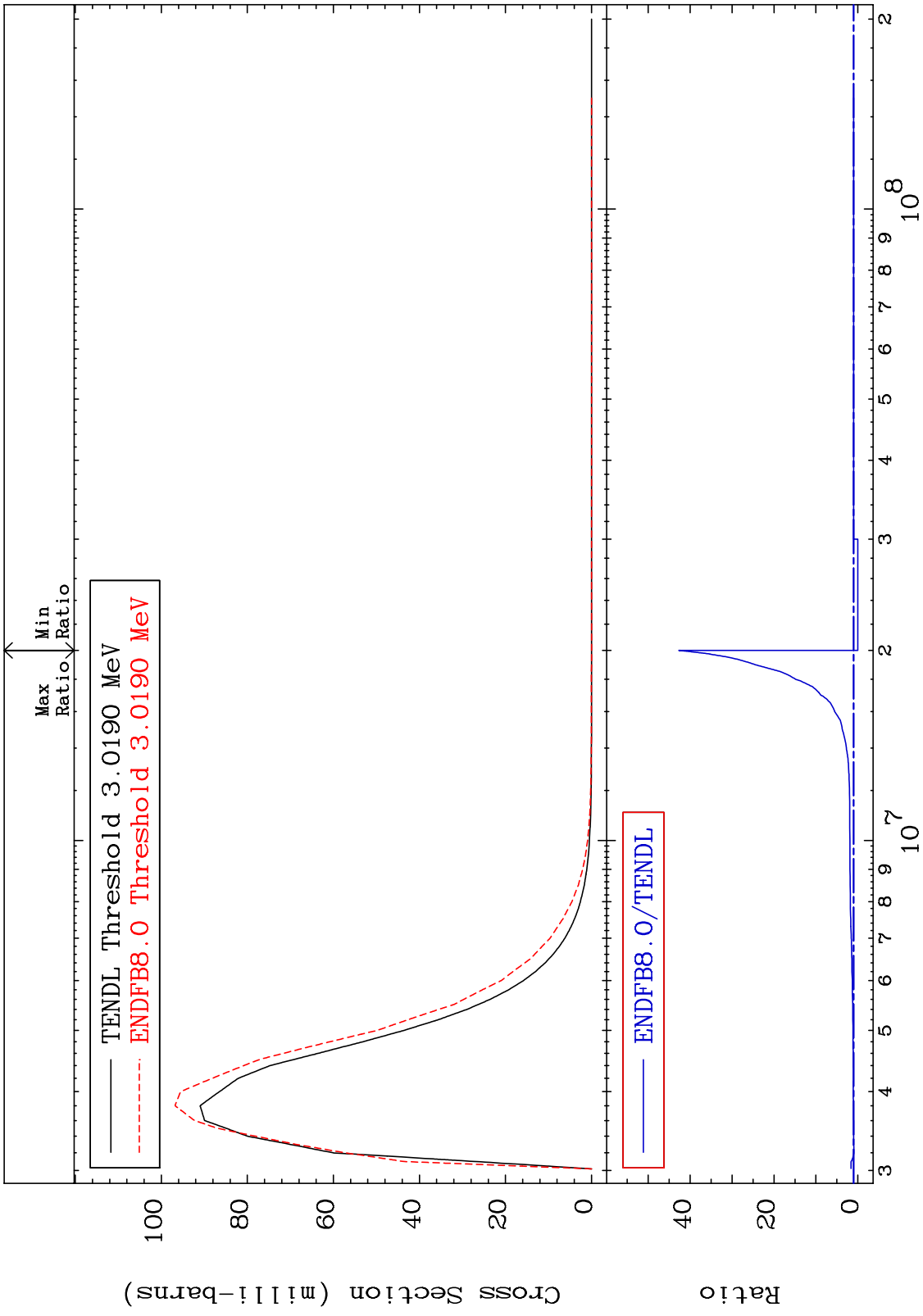
MAT 2843 MT= 54 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 58.08 %



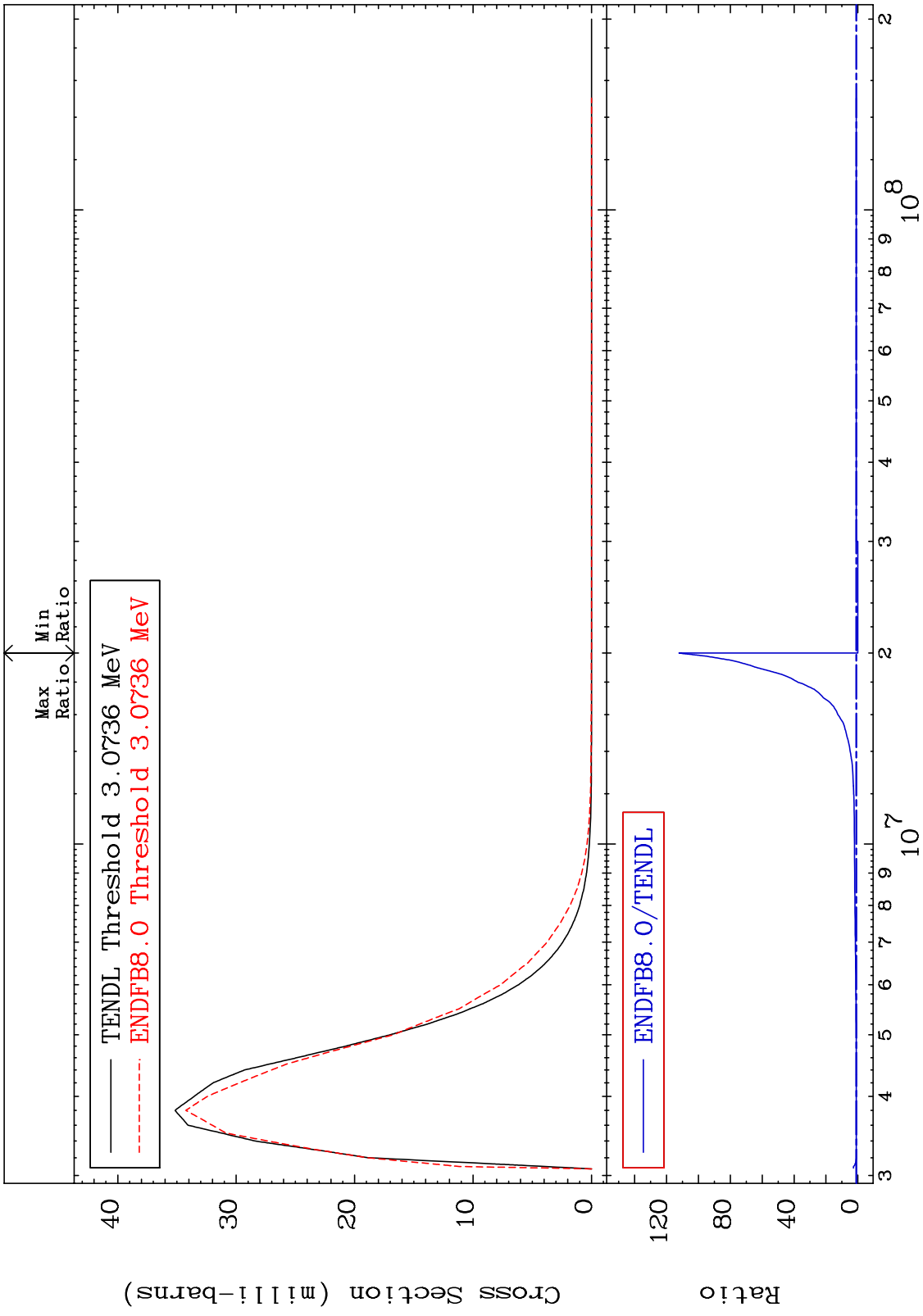
MAT 2843 MT= 55 (n,n') Level Cross Section -100.0 To 0.000 % 28-Ni-64



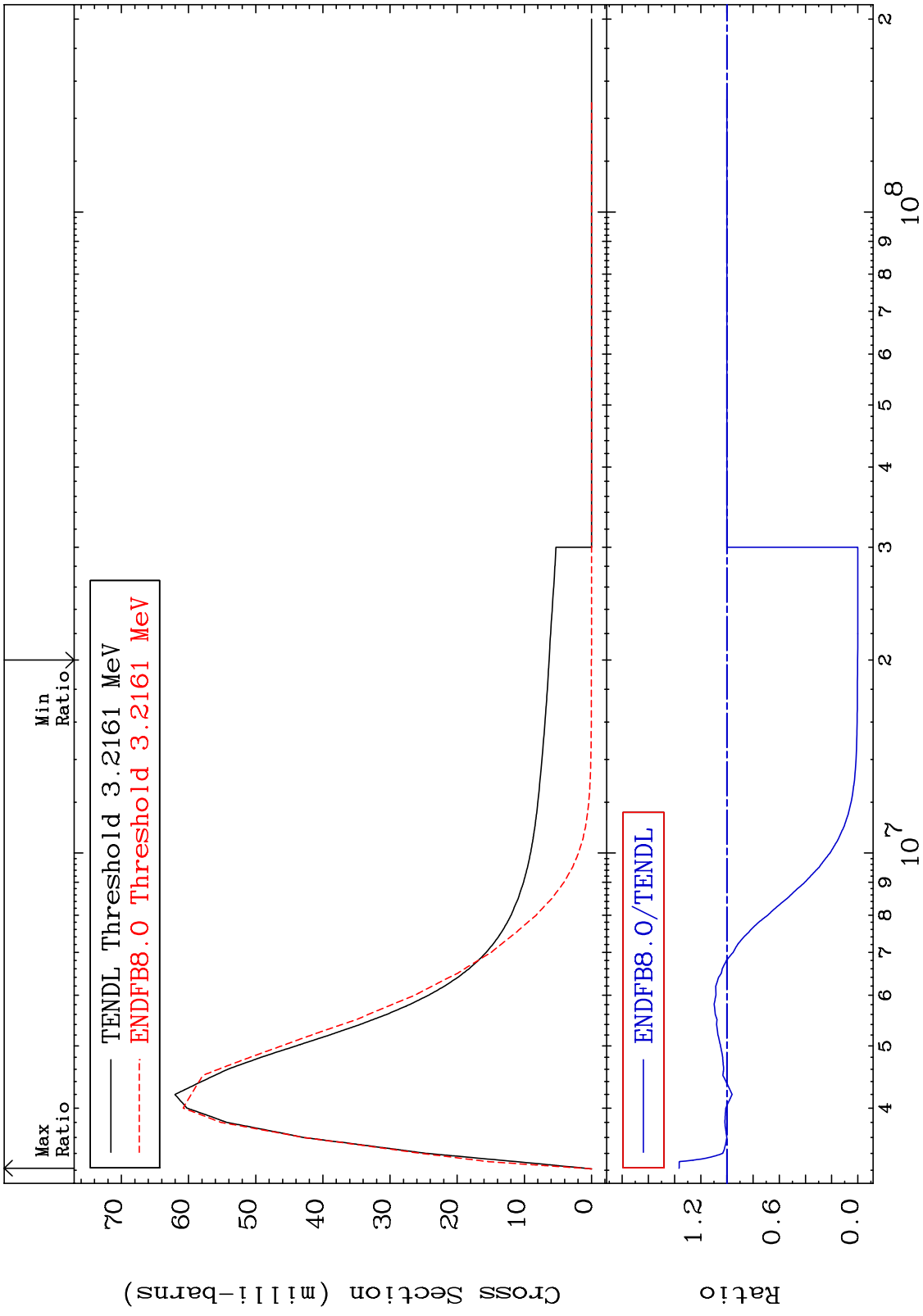
MAT 2843 MT= 56 (n,n') Level Cross Section -100.0 To 4165. % 28-Ni-64



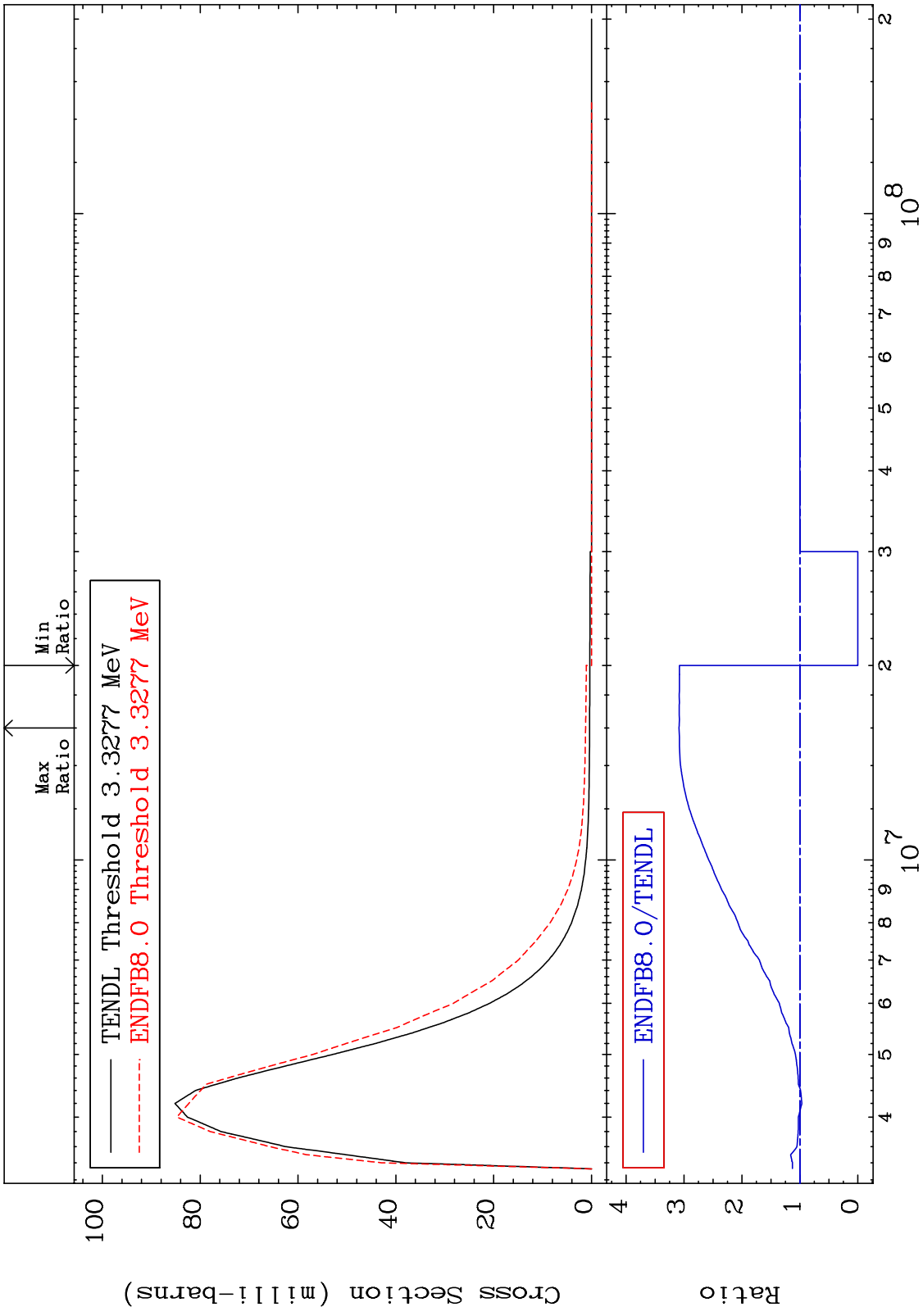
MAT 2843 MT= 57 (n,n') Level Cross Section -100.0 To 9999. % 28-Ni-64



MAT 2843 MT= 58 (n,n') Level Cross Section -100.0 To 36.60 % 28-Ni-64



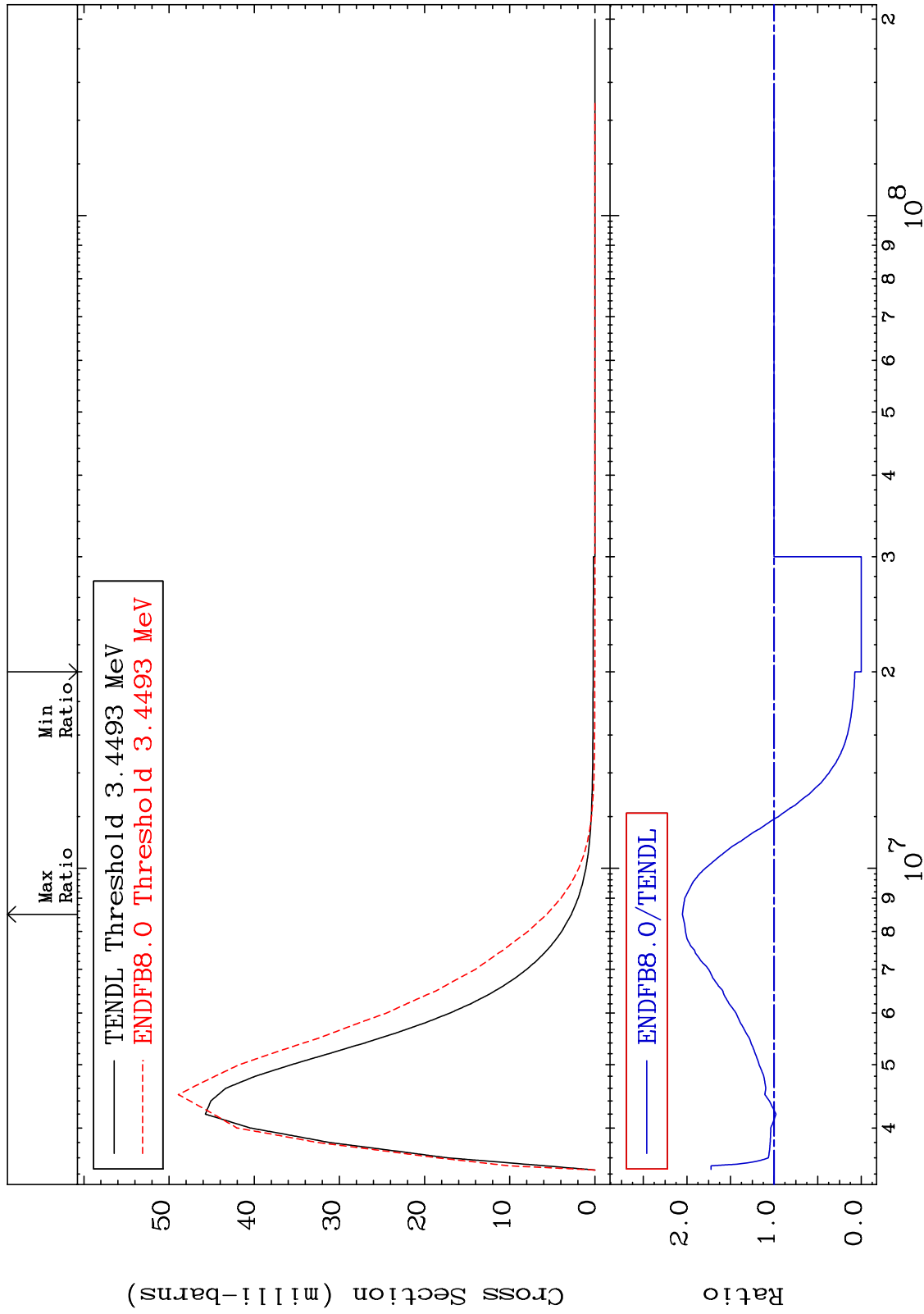
MAT 2843 MT= 59 (n,n') Level Cross Section -100.0 To 208.6 % 28-Ni-64



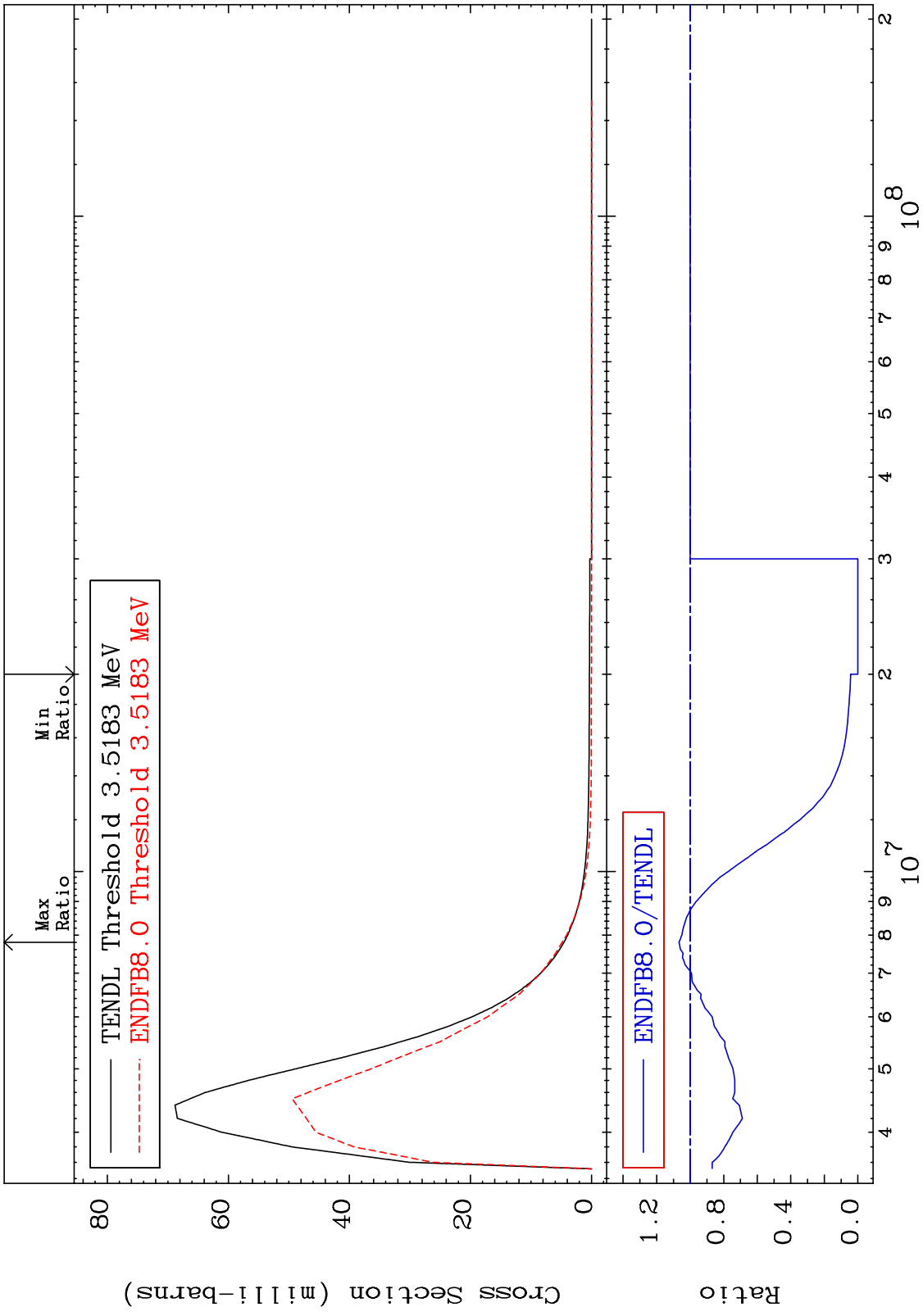
MAT 2843

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

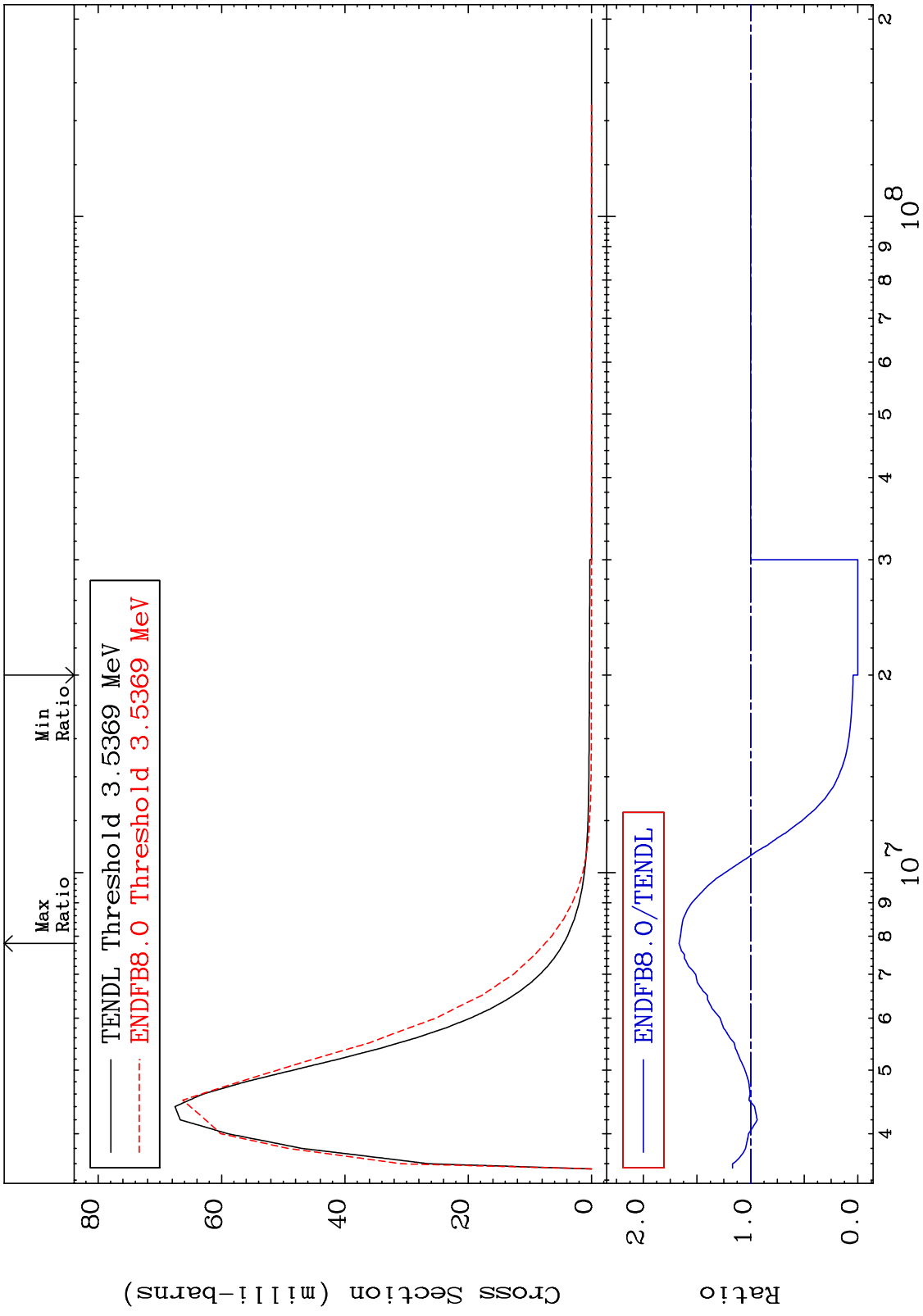
28-Ni-64
-100.0 To 105.1 %



MAT 2843 MT= 61 (n,n') Level Cross Section -100.0 To 6.638 % 28-Ni-64

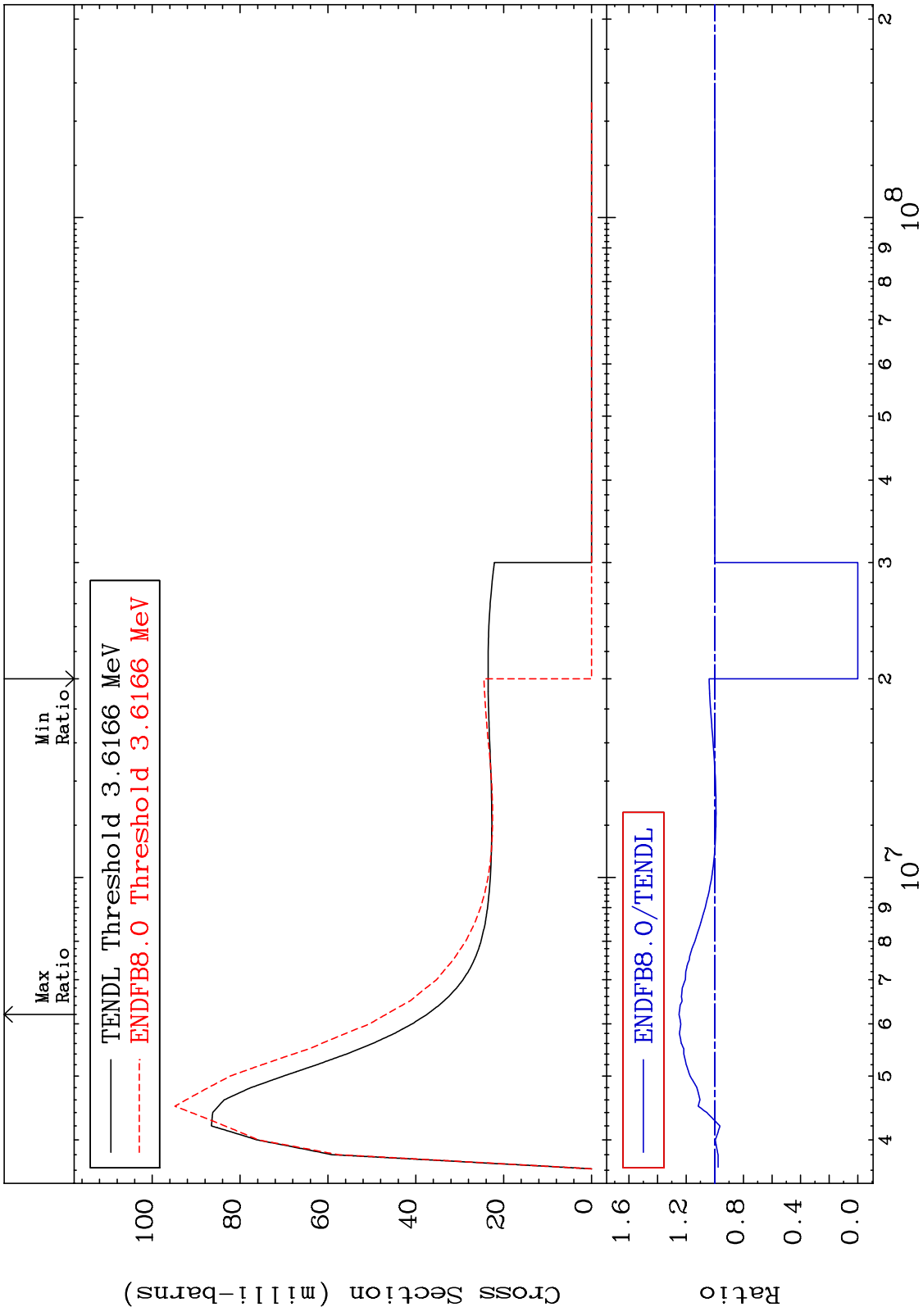


MAT 2843 MT= 62 (n,n') Level Cross Section -100.0 To 66.70 % 28-Ni-64

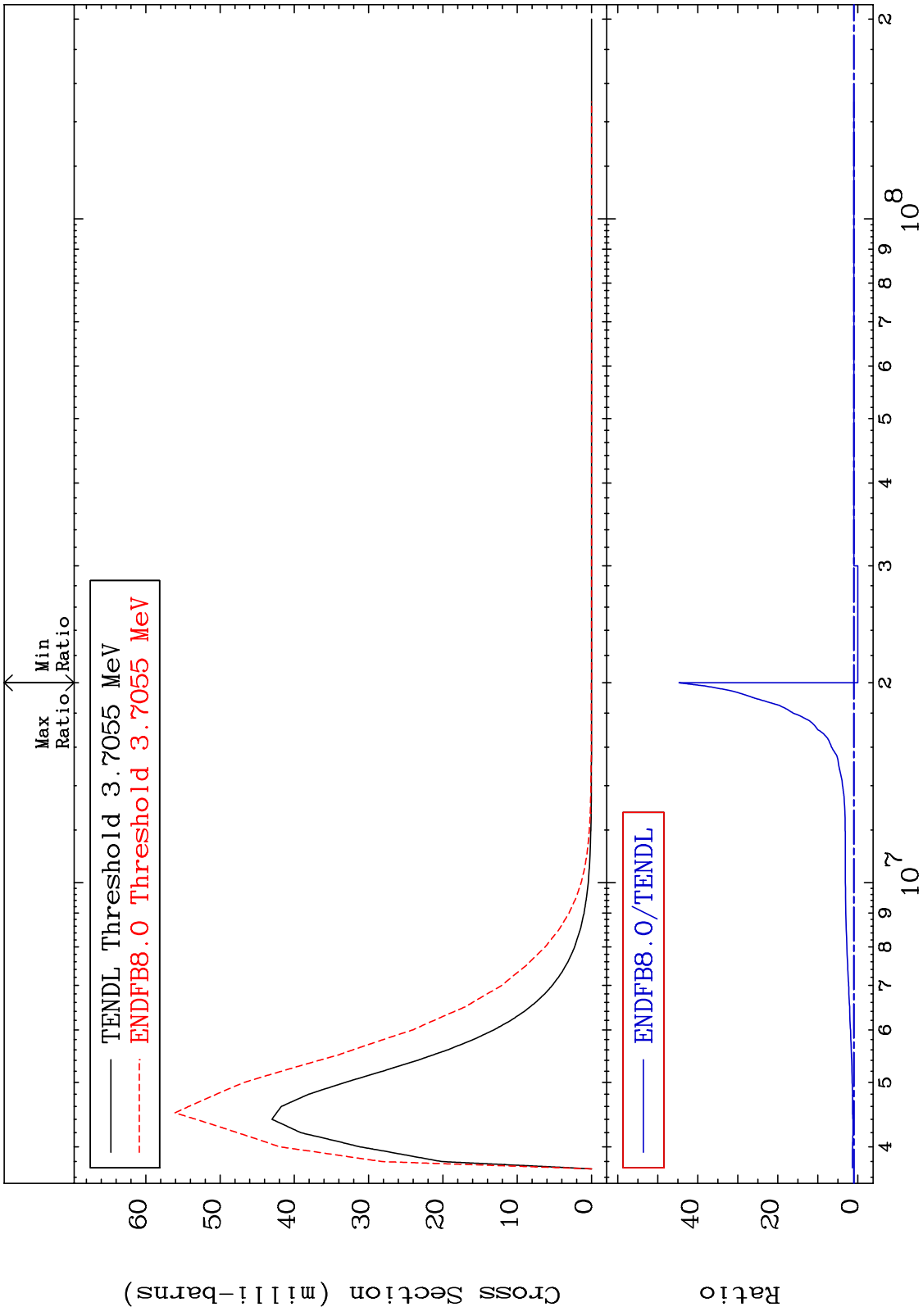


20 Incident Energy (eV) 28-Ni-64

MAT 2843 MT= 63 (n,n') Level Cross Section -100.0 To 24.98 % 28-Ni-64

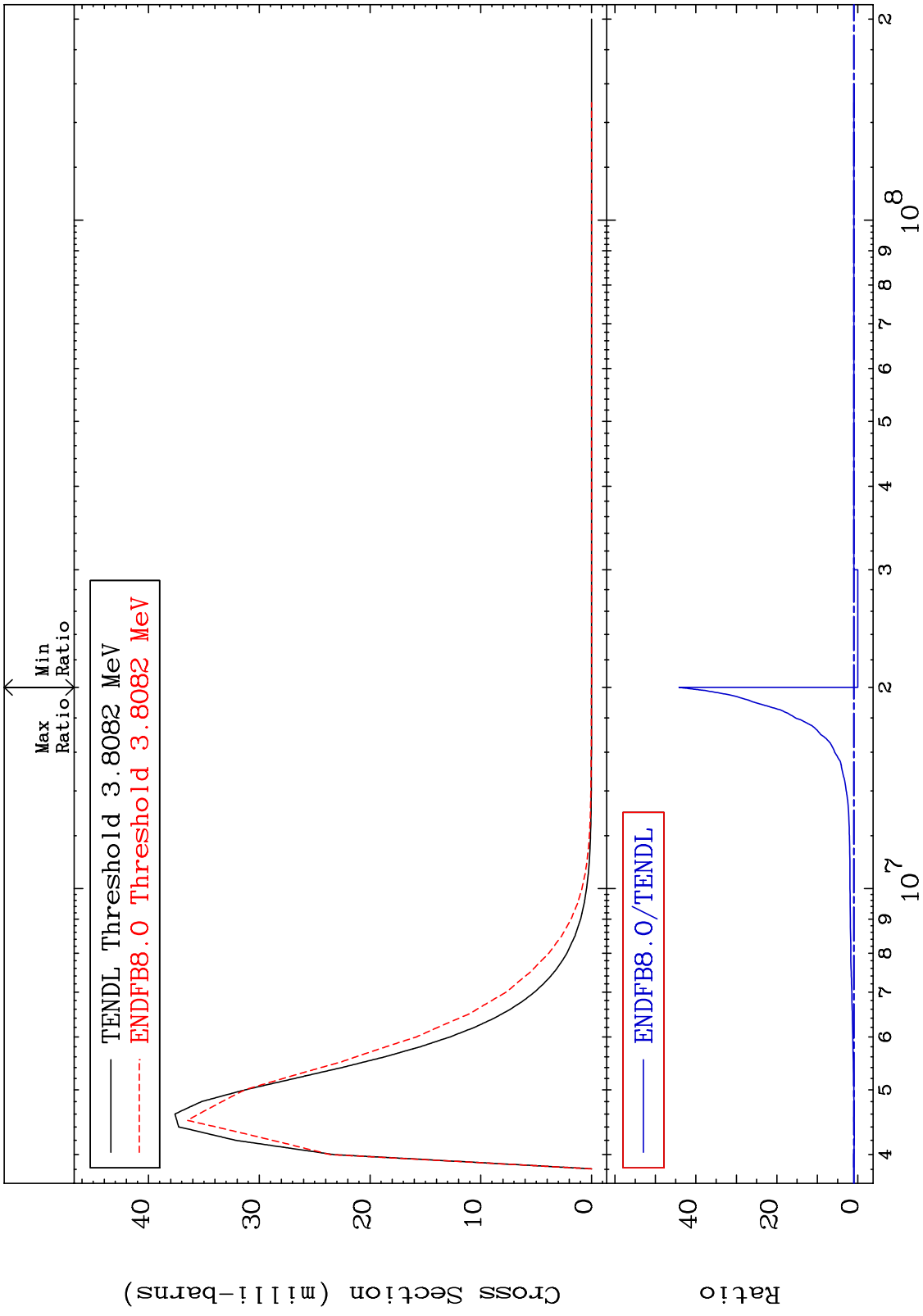


MAT 2843 MT= 64 (n,n') Level Cross Section -100.0 To 4370. % 28-Ni-64



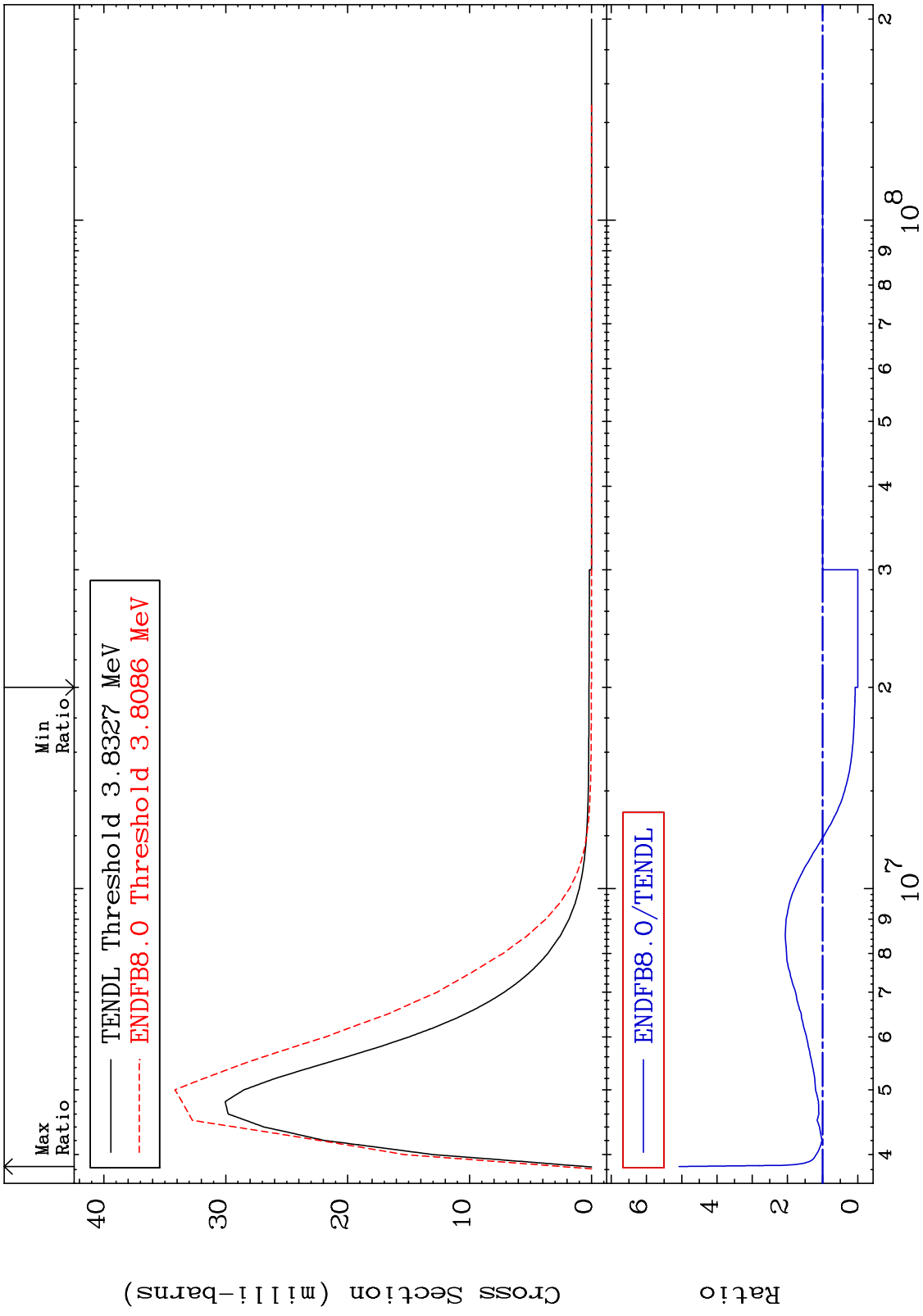
22 Incident Energy (eV) 28-Ni-64

MAT 2843 MT= 65 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 4316. %



23 Incident Energy (eV) 28-Ni-64

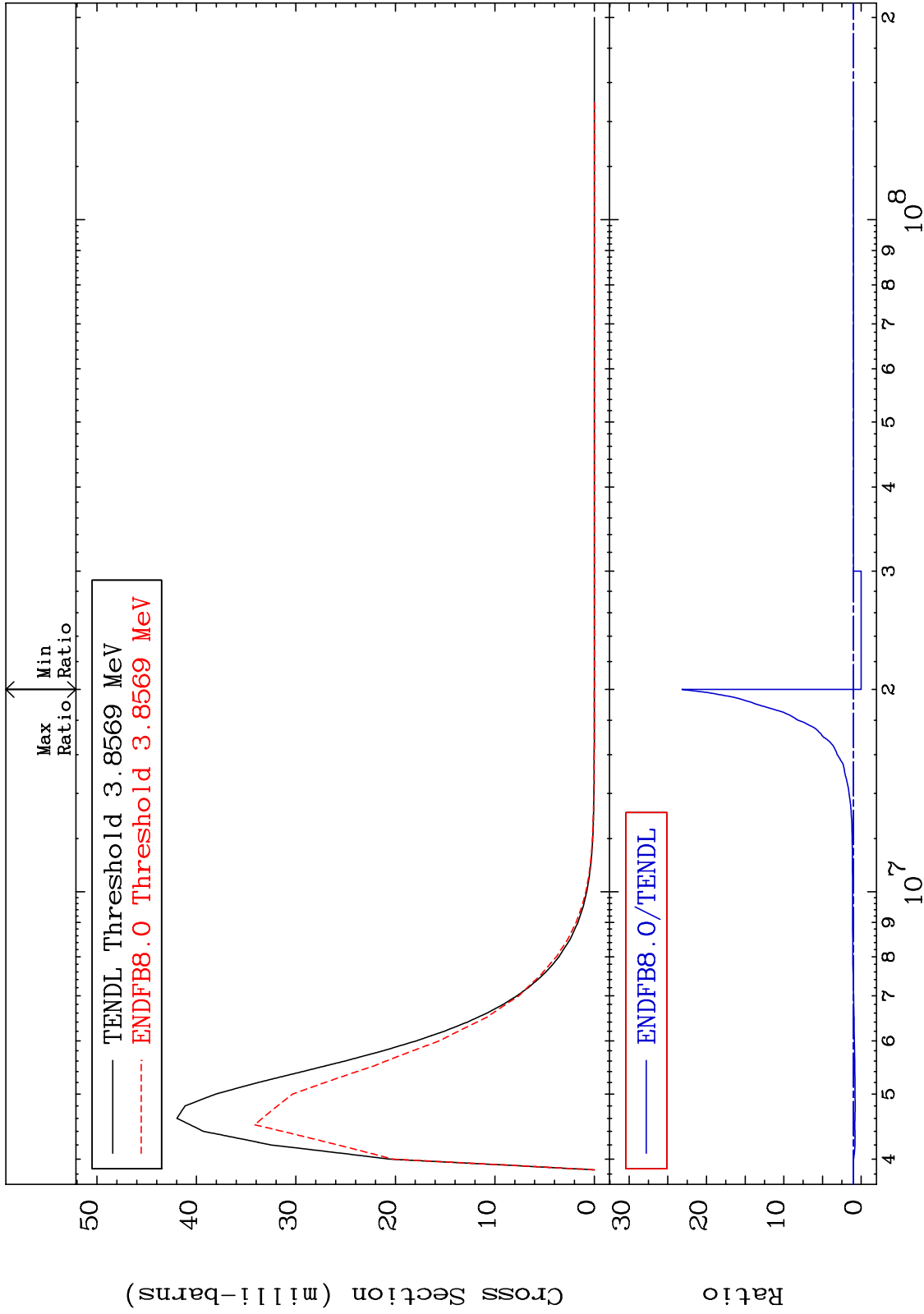
MAT 2843 MT= 66 (n,n') Level Cross Section -100.0 To 407.6 % 28-Ni-64



MAT 2843

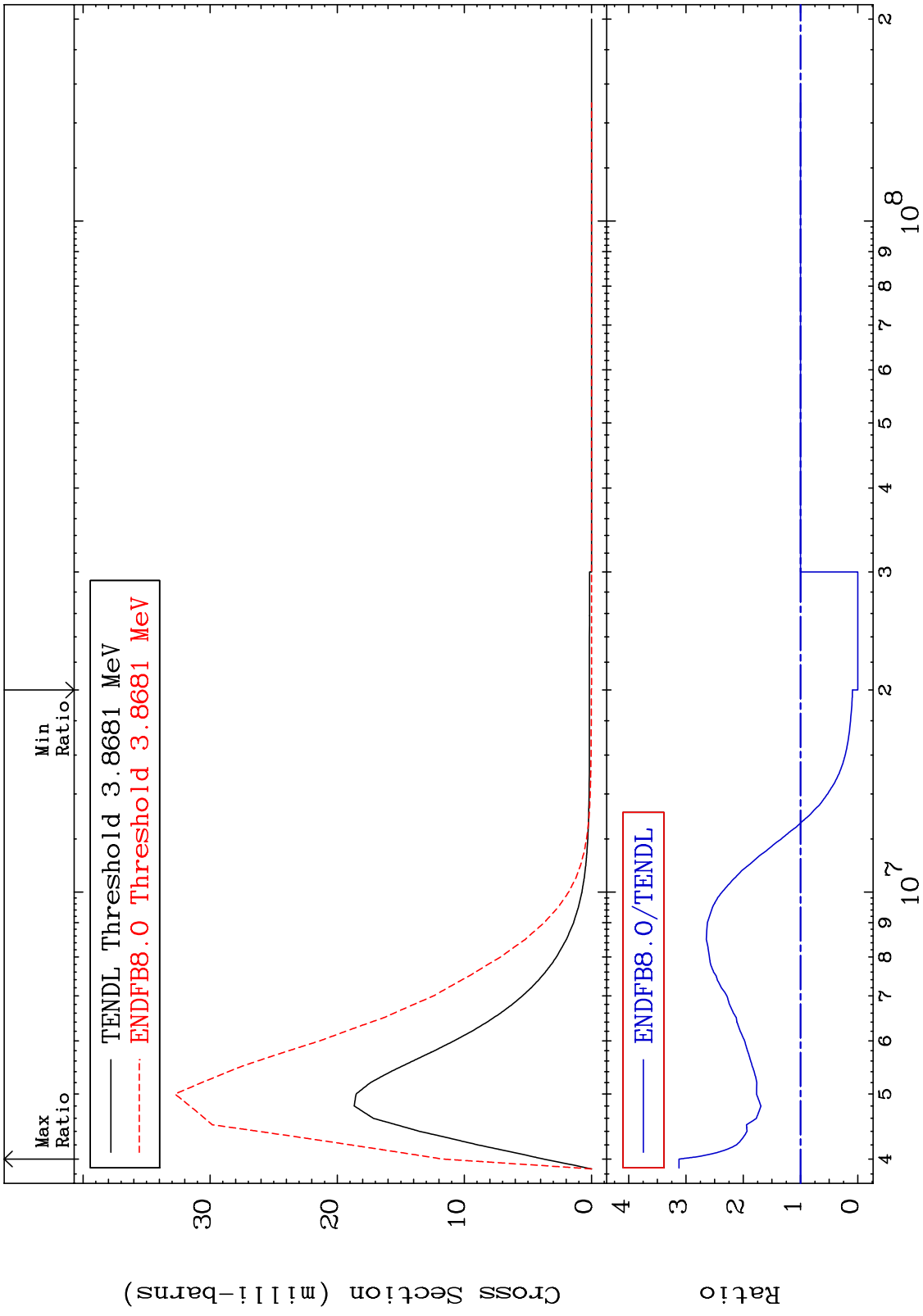
MT= 67 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 2216. %



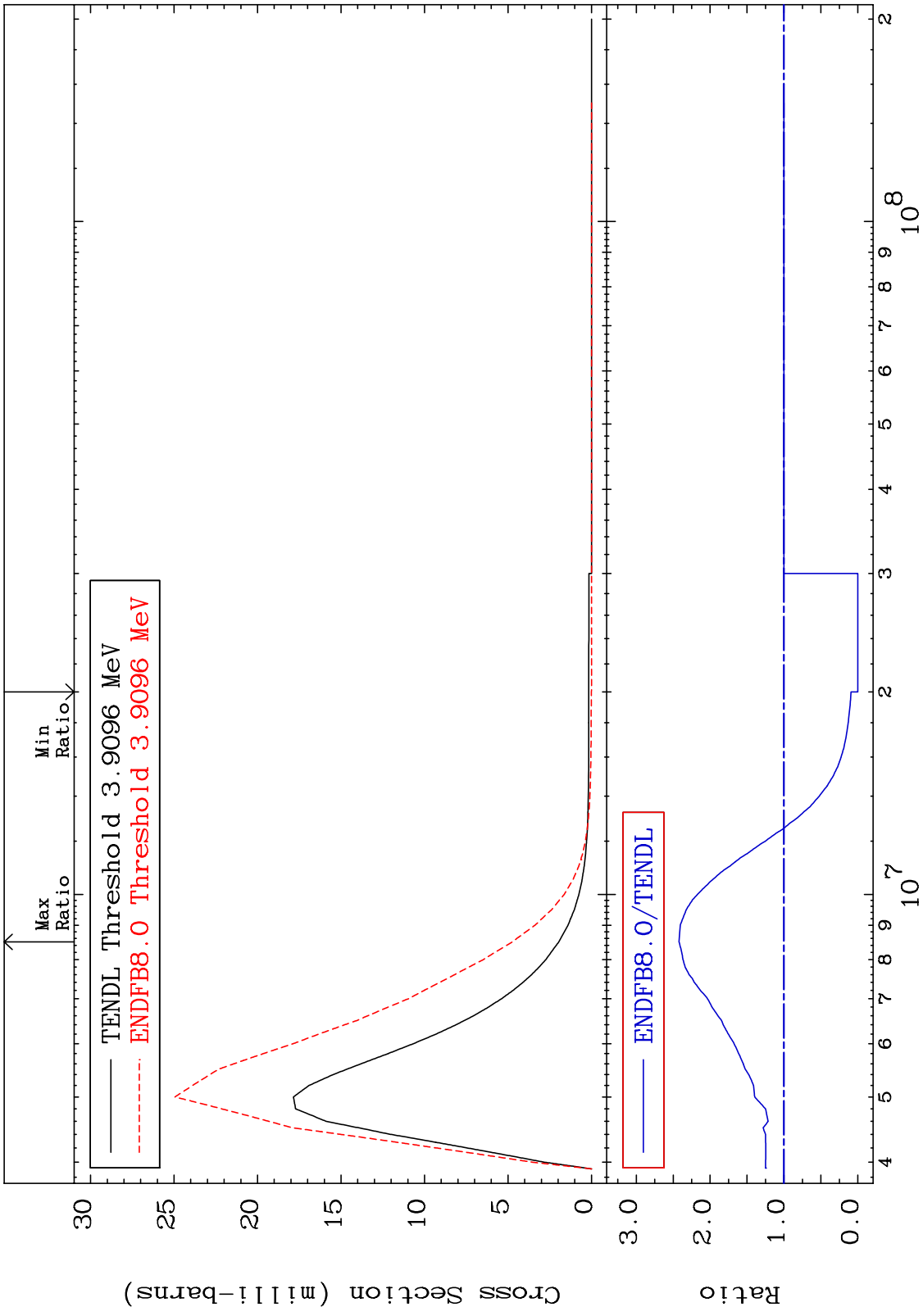
25

MAT 2843 MT= 68 (n,n') Level Cross Section -100.0 To 212.1 % 28-Ni-64

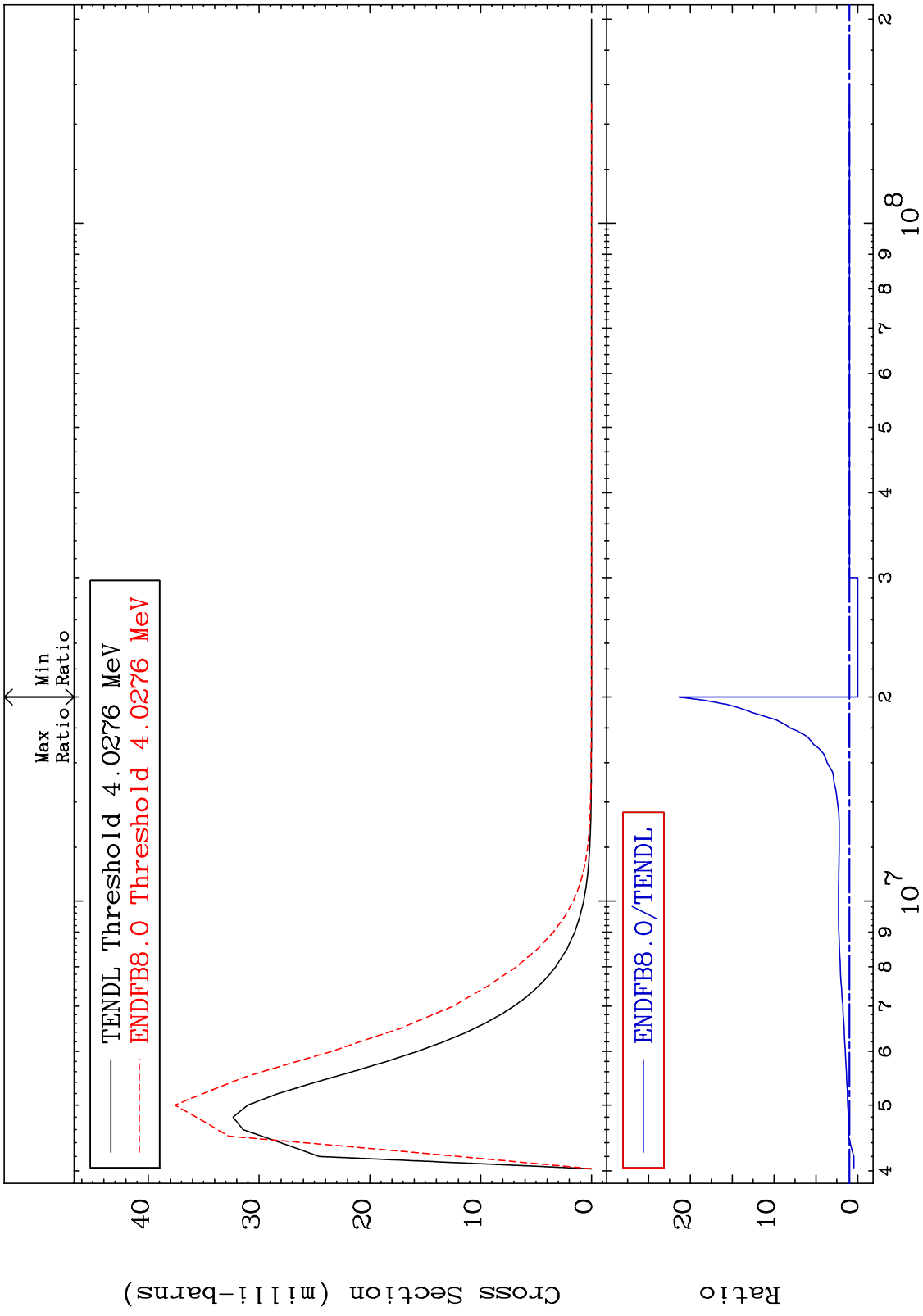


26 28-Ni-64

MAT 2843 MT= 69 (n,n') Level Cross Section -100.0 To 142.1 % 28-Ni-64

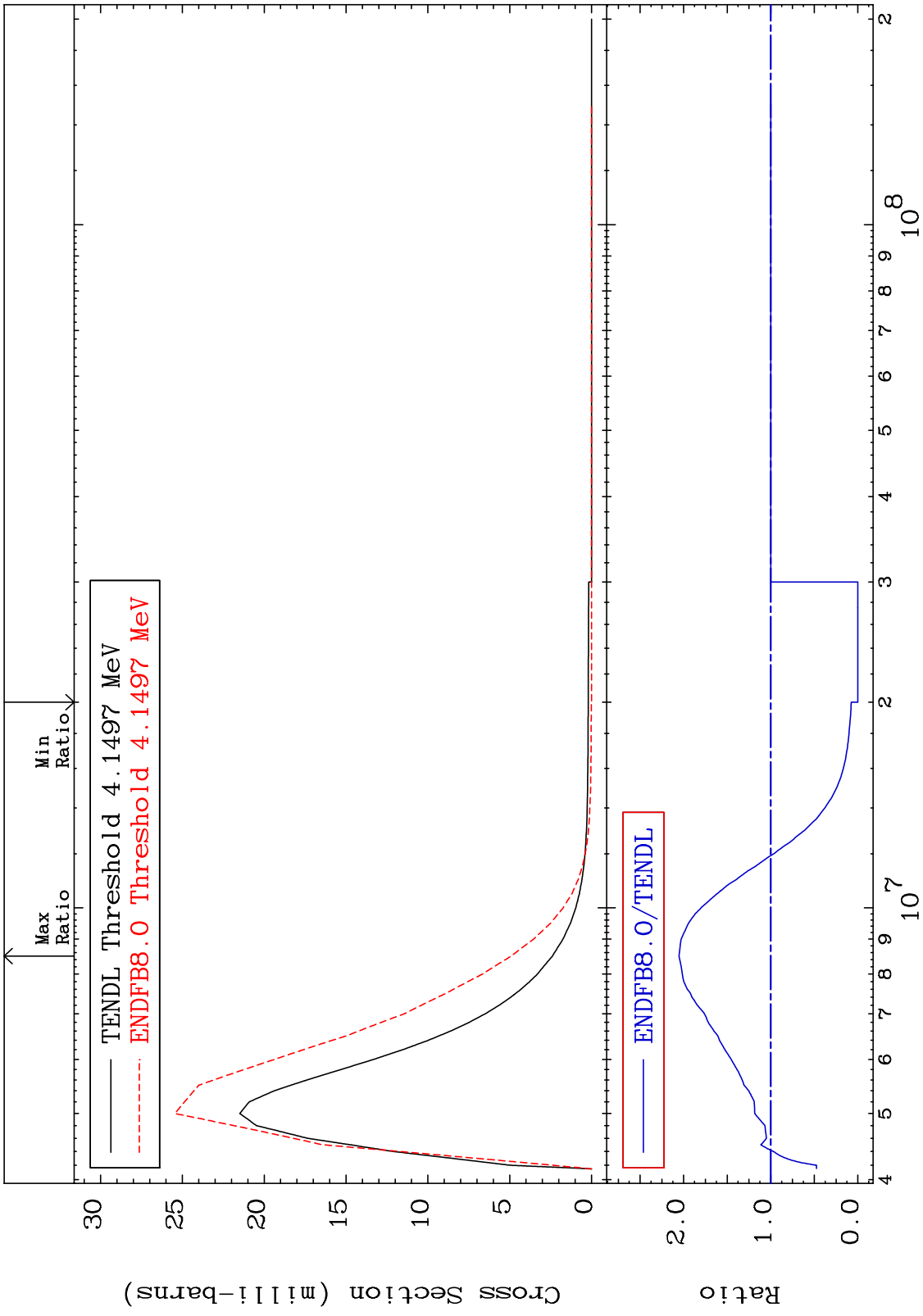


MAT 2843 MT= 70 (n,n') Level Cross Section -100.0 To 2036. % 28-Ni-64

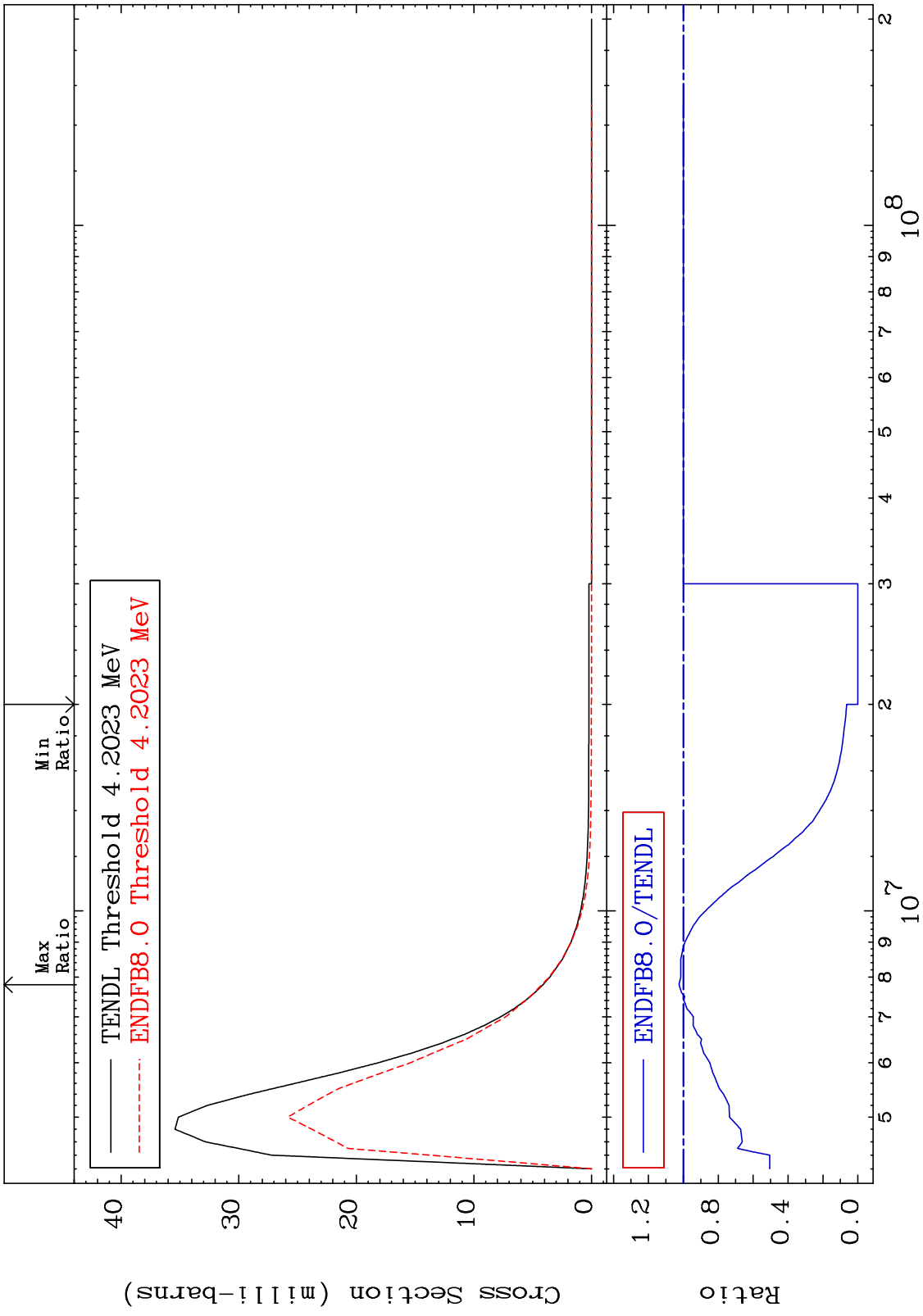


28 Incident Energy (eV) 28-Ni-64

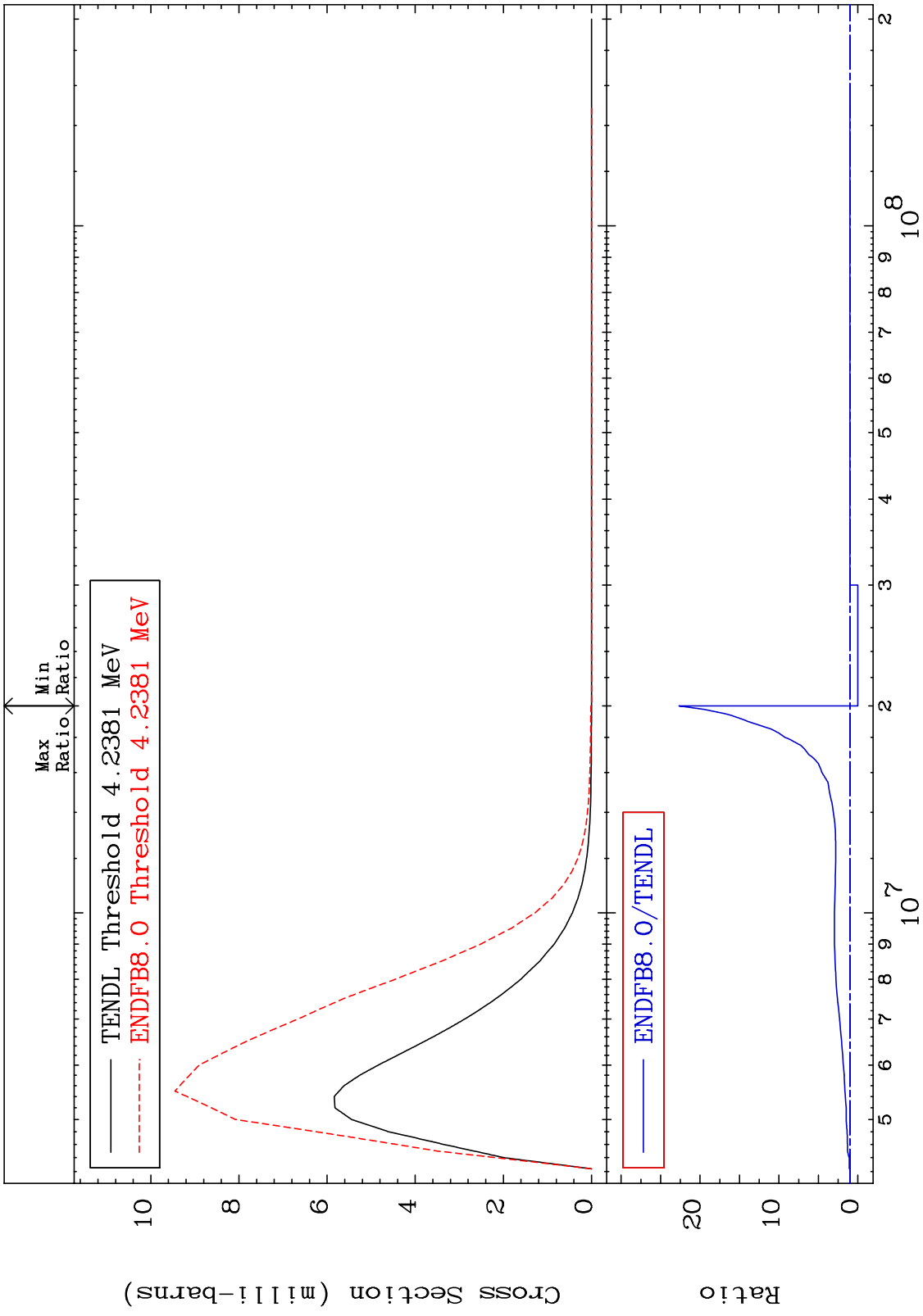
MAT 2843 MT= 71 (n,n') Level Cross Section -100.0 To 105.3 % 28-Ni-64



MAT 2843 MT= 72 (n,n') Level Cross Section -100.0 To 2.451 % 28-Ni-64



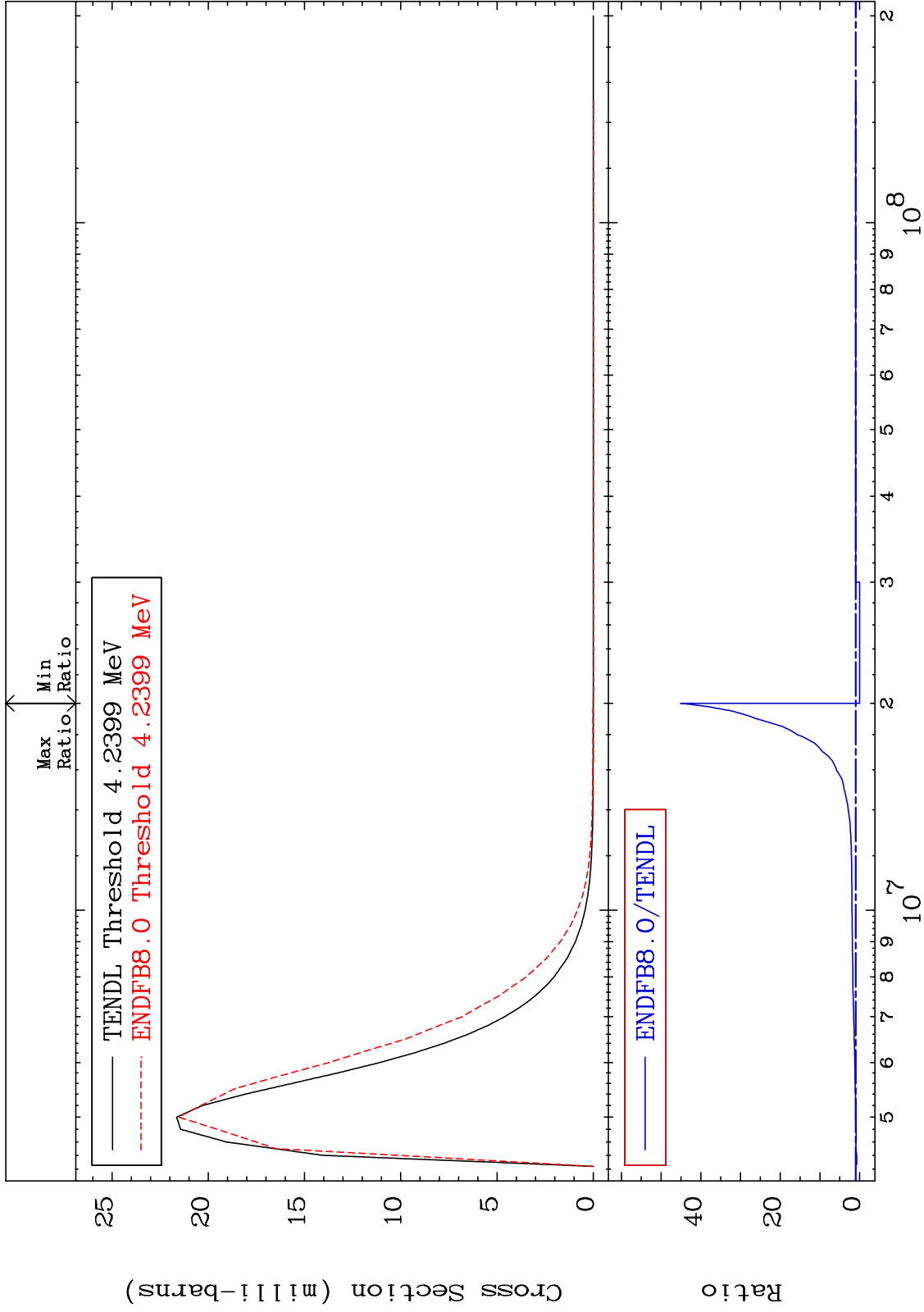
MAT 2843 MT= 73 (n,n') Level Cross Section -100.0 To 2166. % 28-Ni-64



MAT 2843

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

28-Ni-64
-100.0 To 4404. %

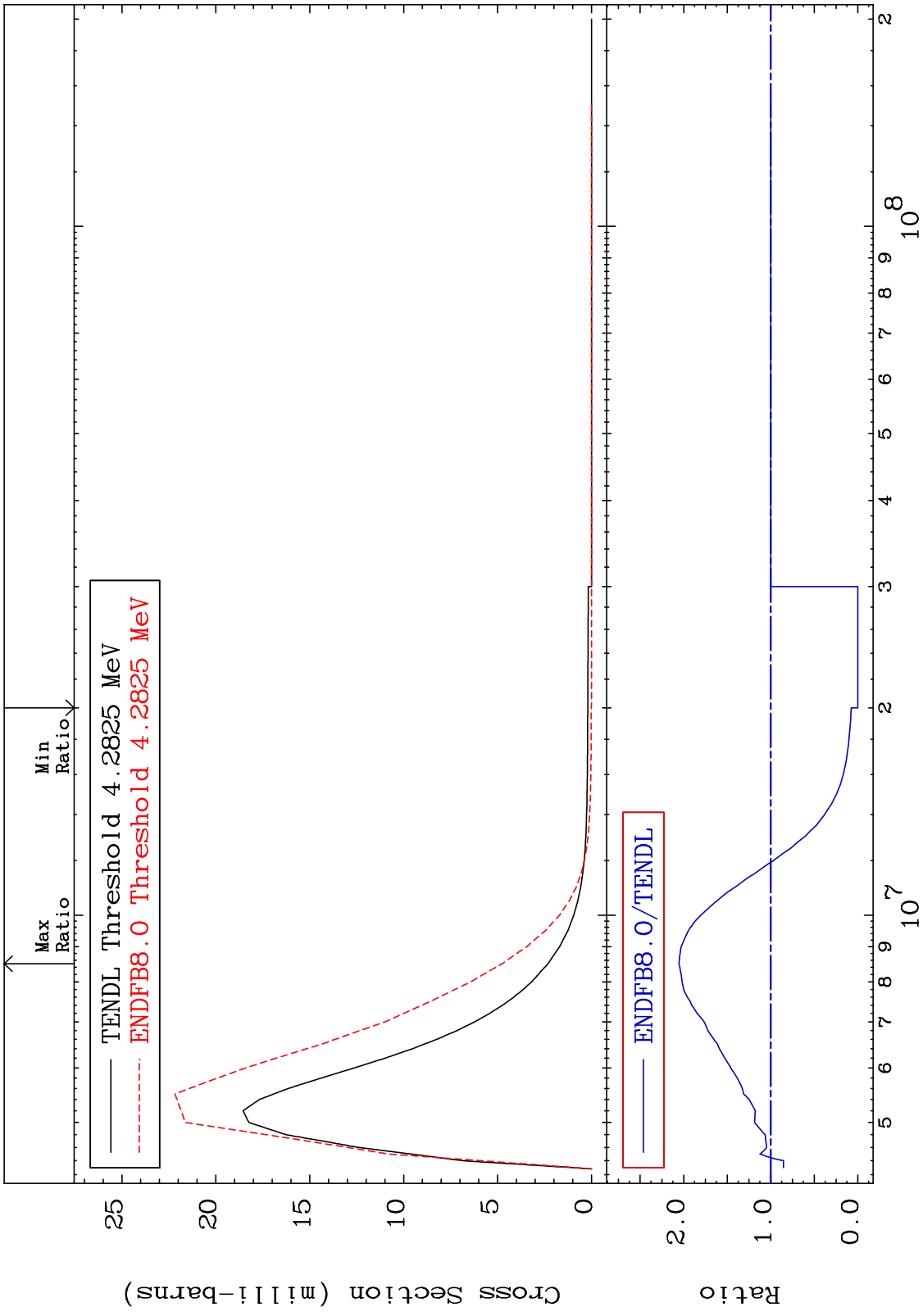


32

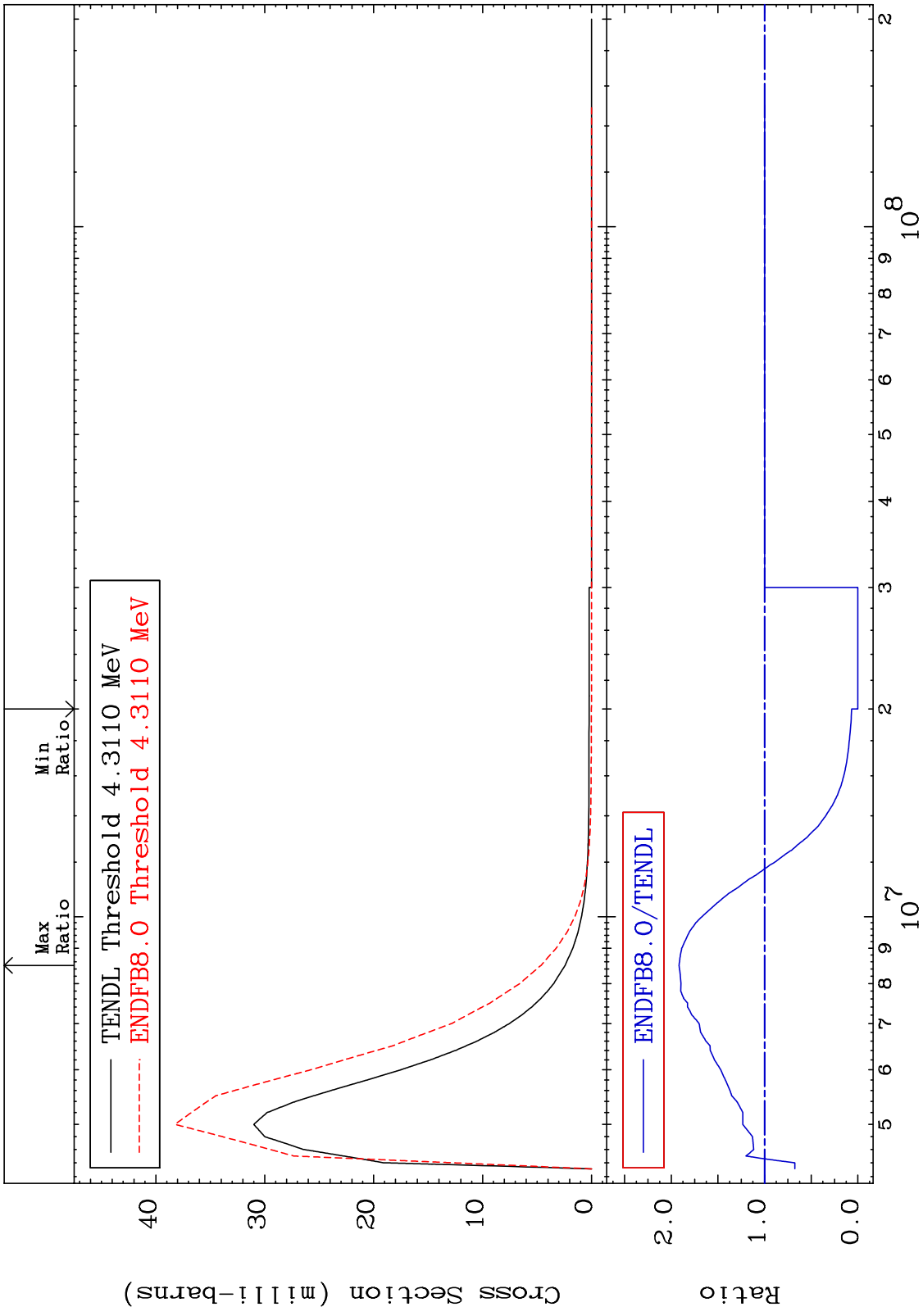
Incident Energy (eV)

28-Ni-64

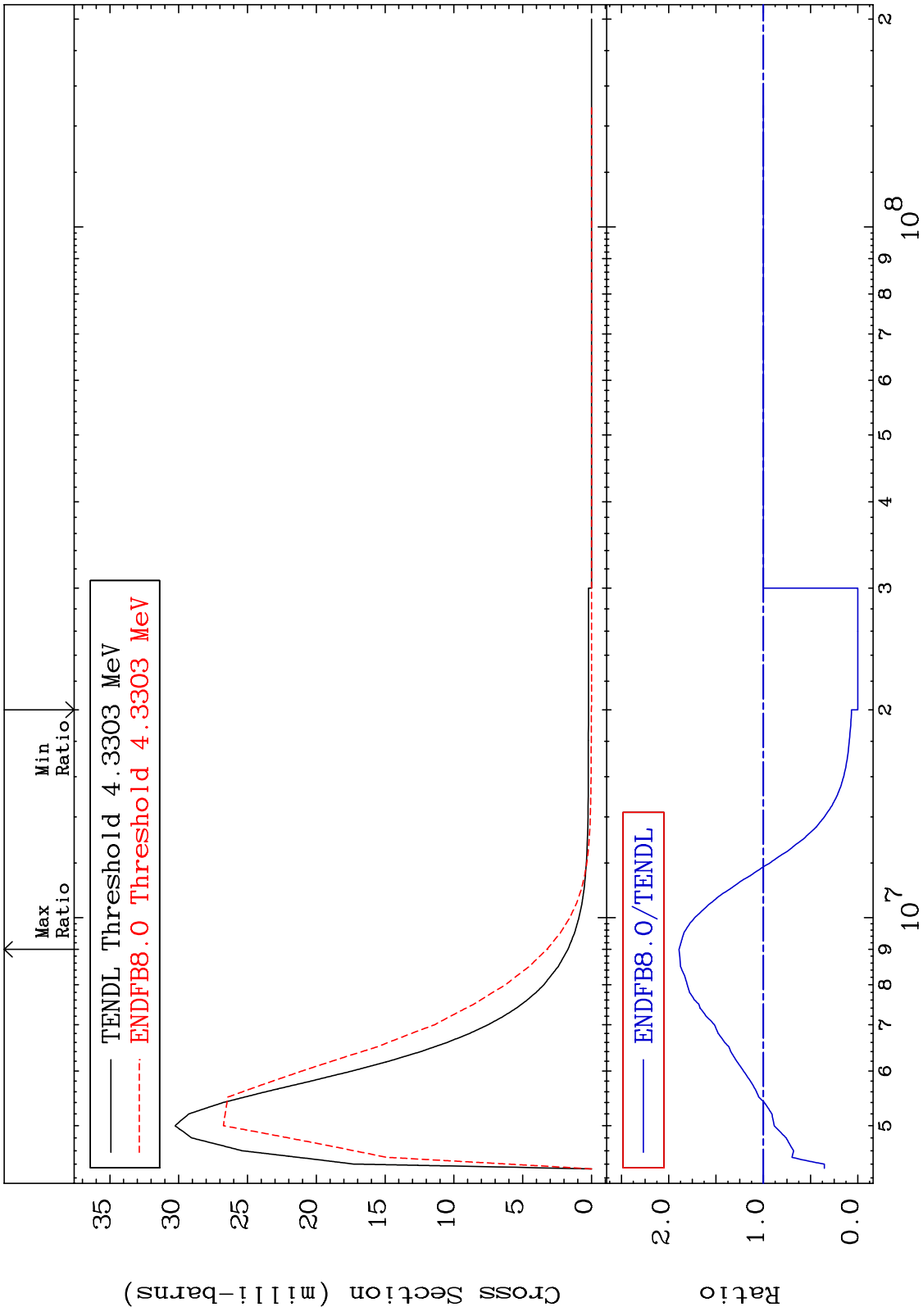
MAT 2843 MT= 75 (n,n') Level Cross Section -100.0 To 105.3 % 28-Ni-64



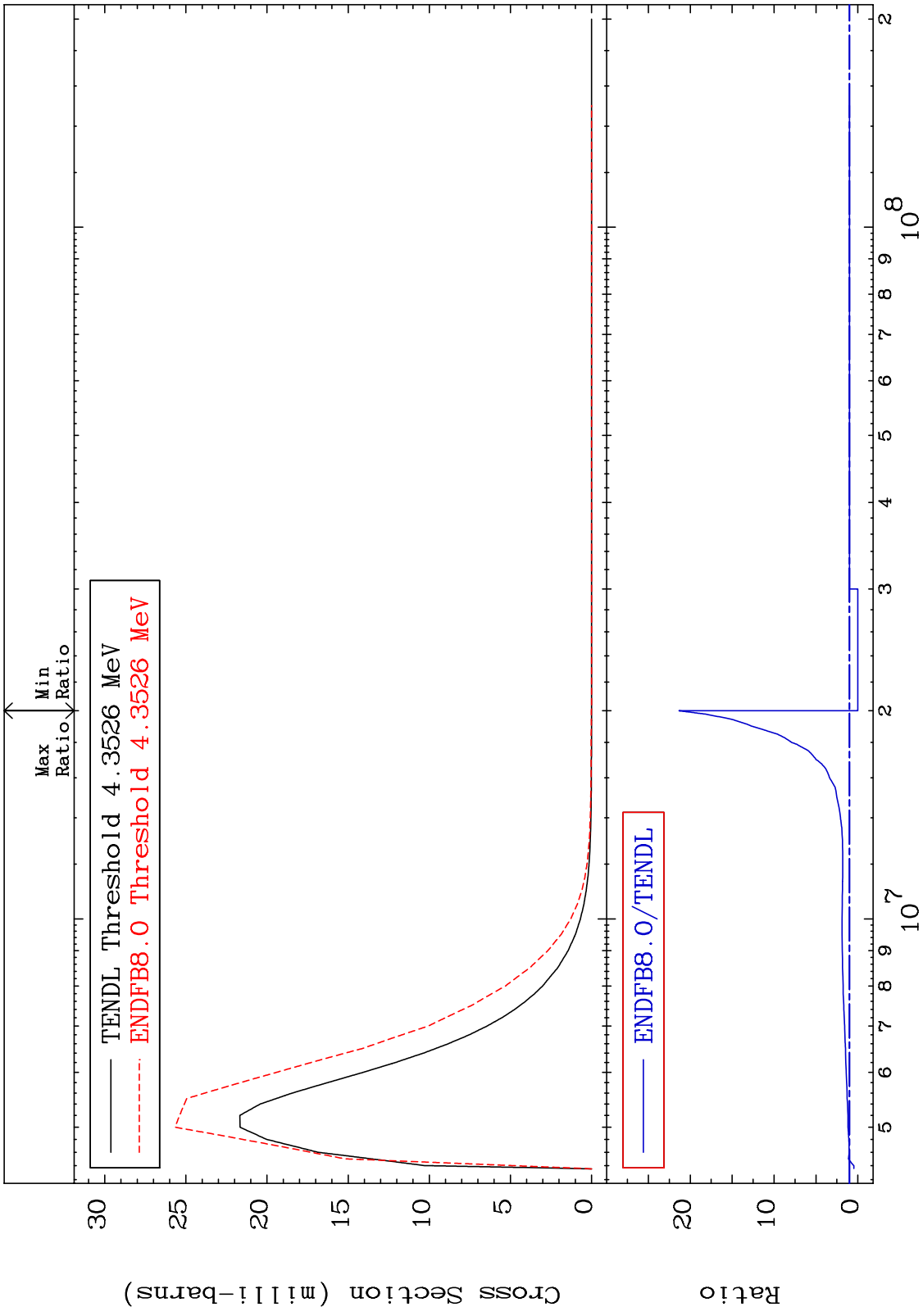
MAT 2843 MT= 76 (n,n') Level Cross Section 28-Ni-64
 -100.0 To 91.69 %



MAT 2843 MT= 77 (n,n') Level Cross Section -100.0 To 89.11 % 28-Ni-64

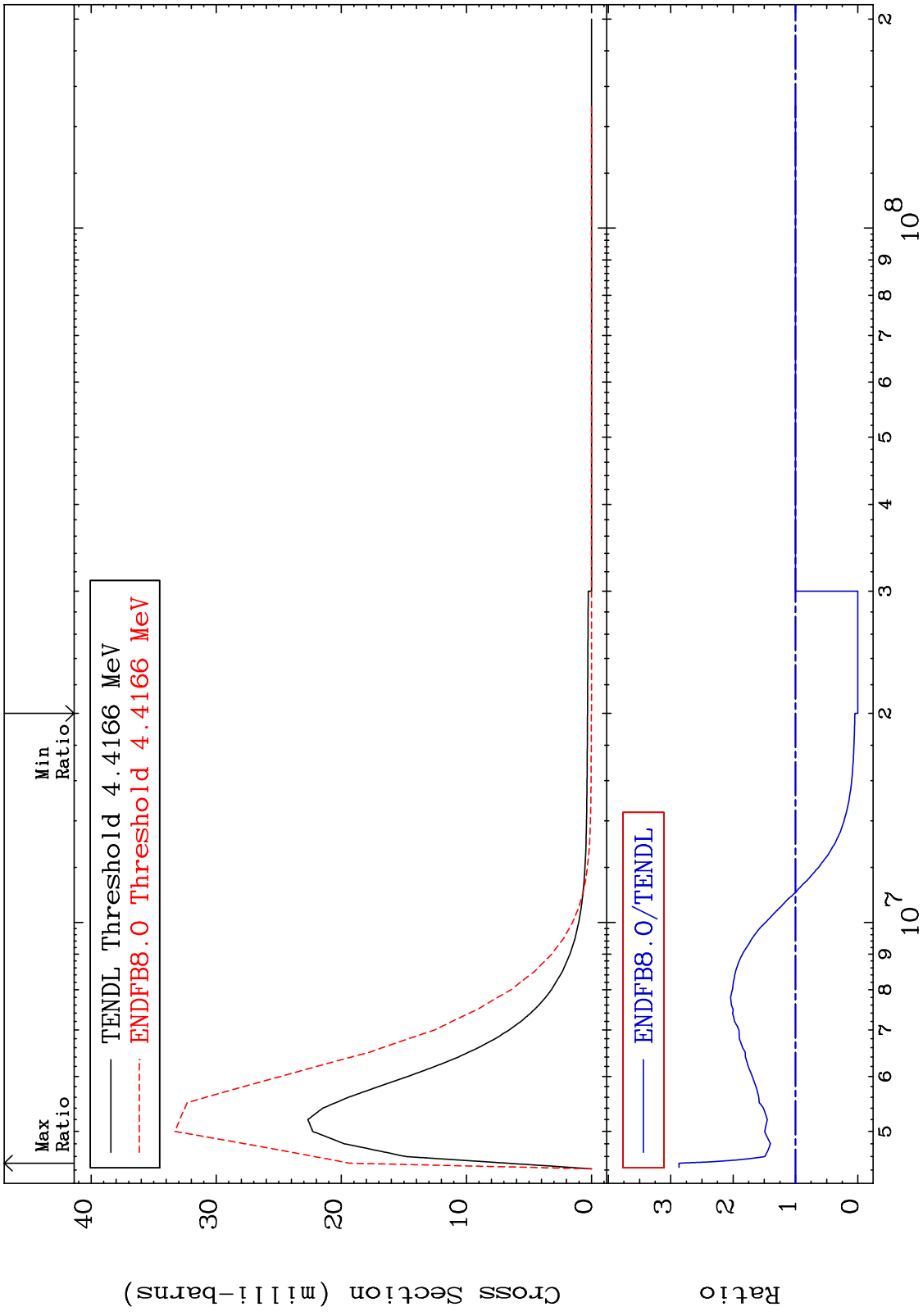


MAT 2843 MT= 78 (n,n') Level Cross Section -100.0 To 2034. % 28-Ni-64

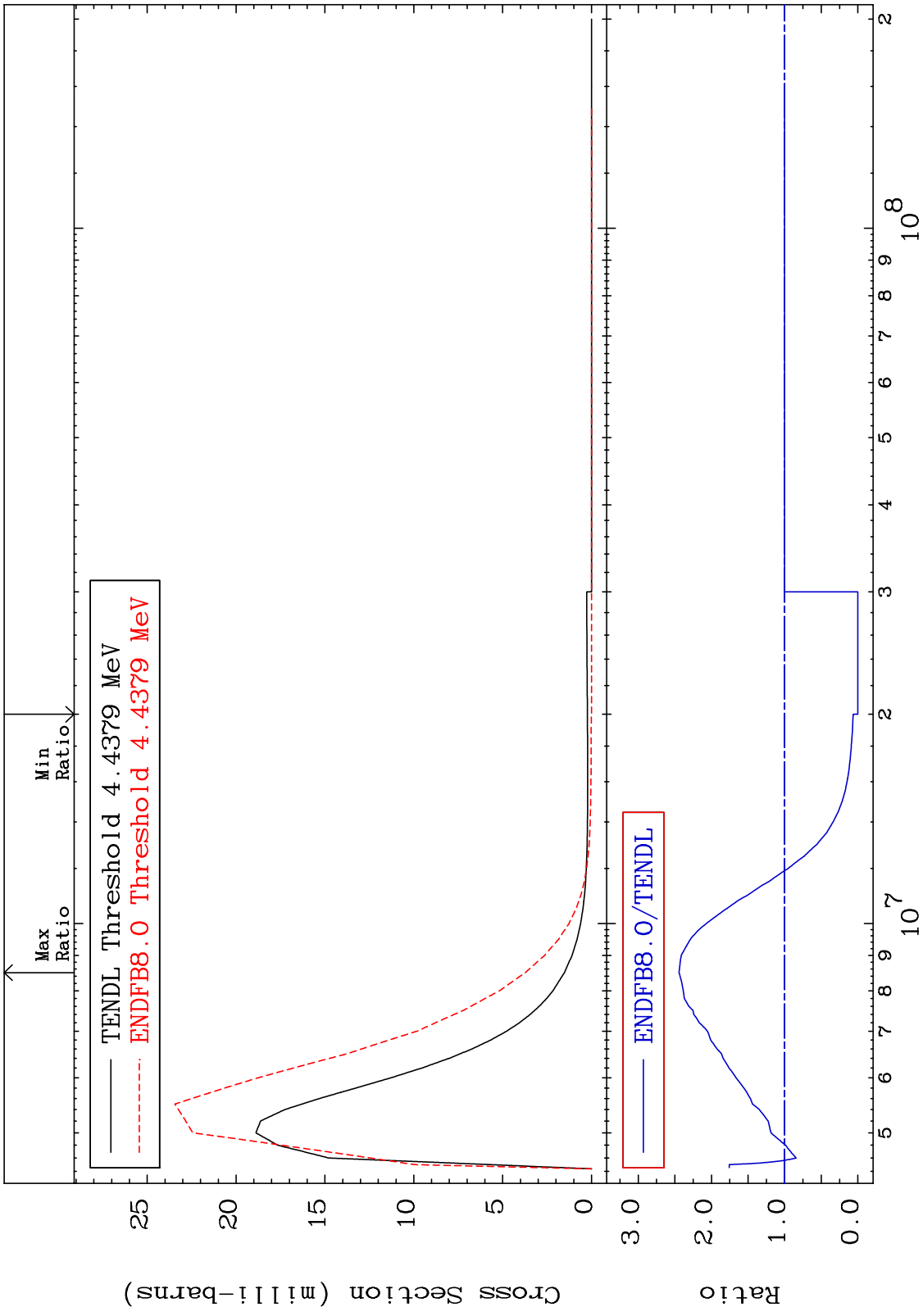


36 Incident Energy (eV) 28-Ni-64

MAT 2843 MT= 79 (n,n') Level Cross Section -100.0 To 186.7 % 28-Ni-64



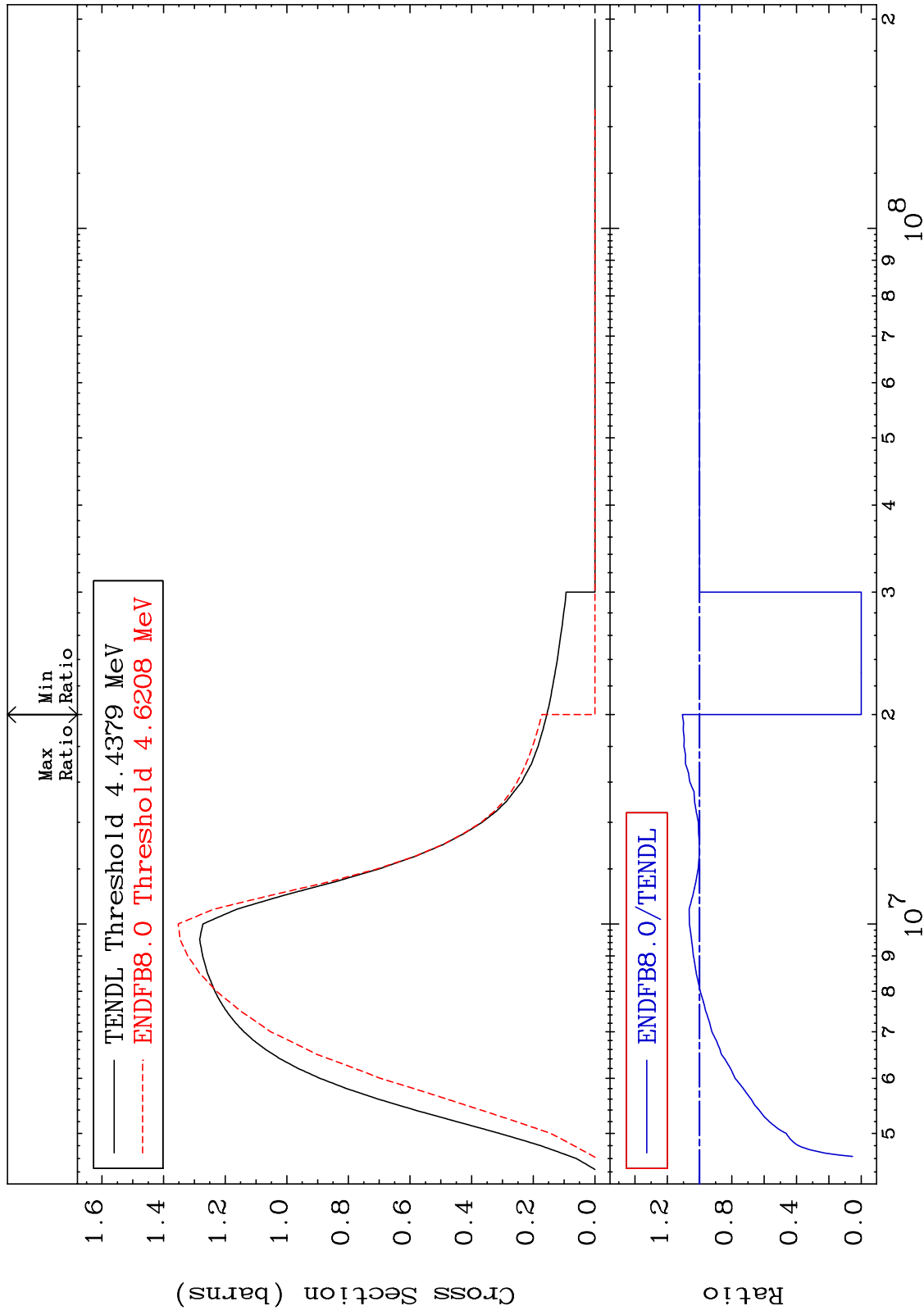
MAT 2843 MT= 80 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 144.3 %



MAT 2843

(n, n') Continuum
Cross Section

28-Ni-64
-100.0 To 10.57 %



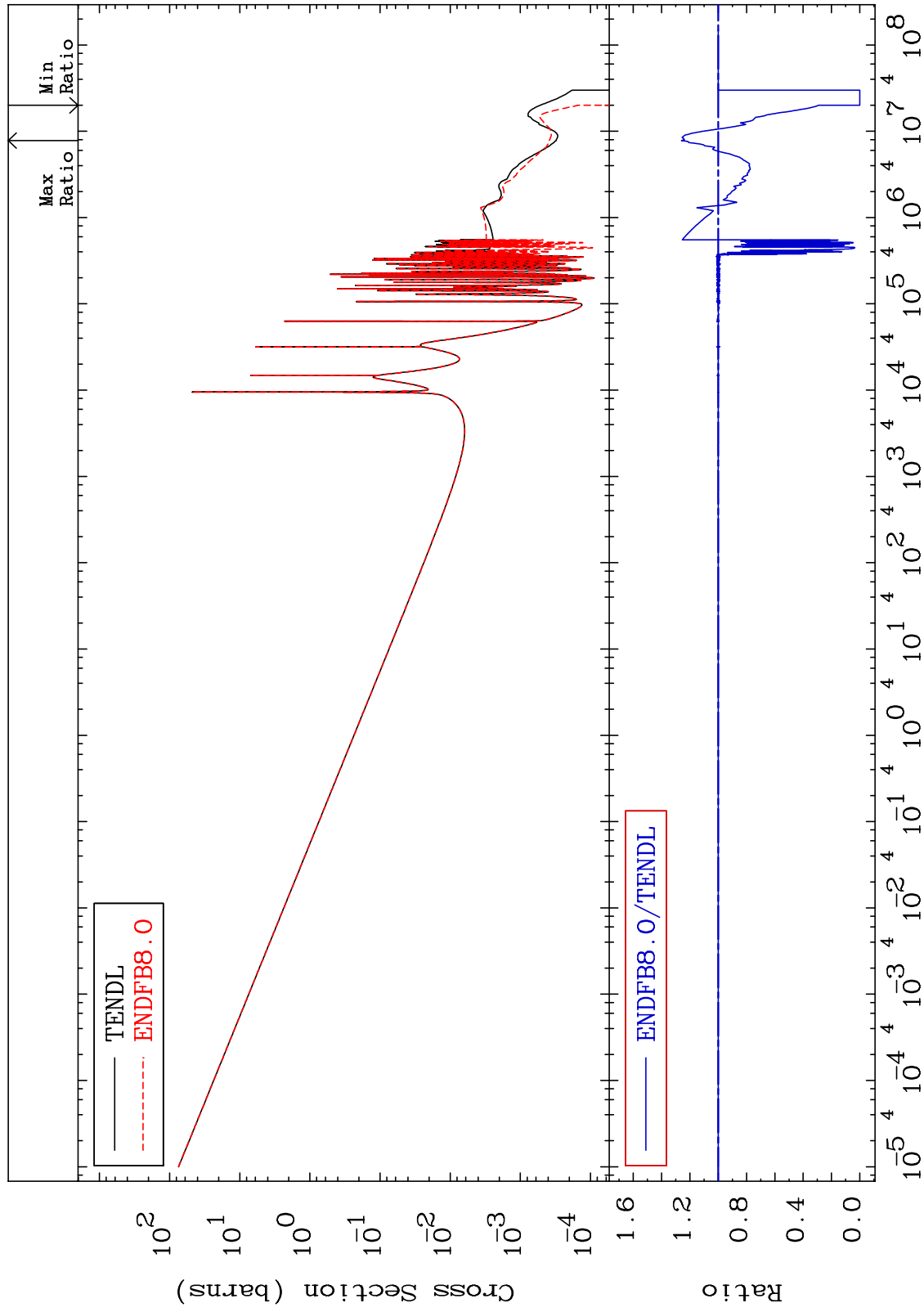
MAT 2843

(n, γ)

28-Ni-64

Cross Section

-100.0 To 25.94 %

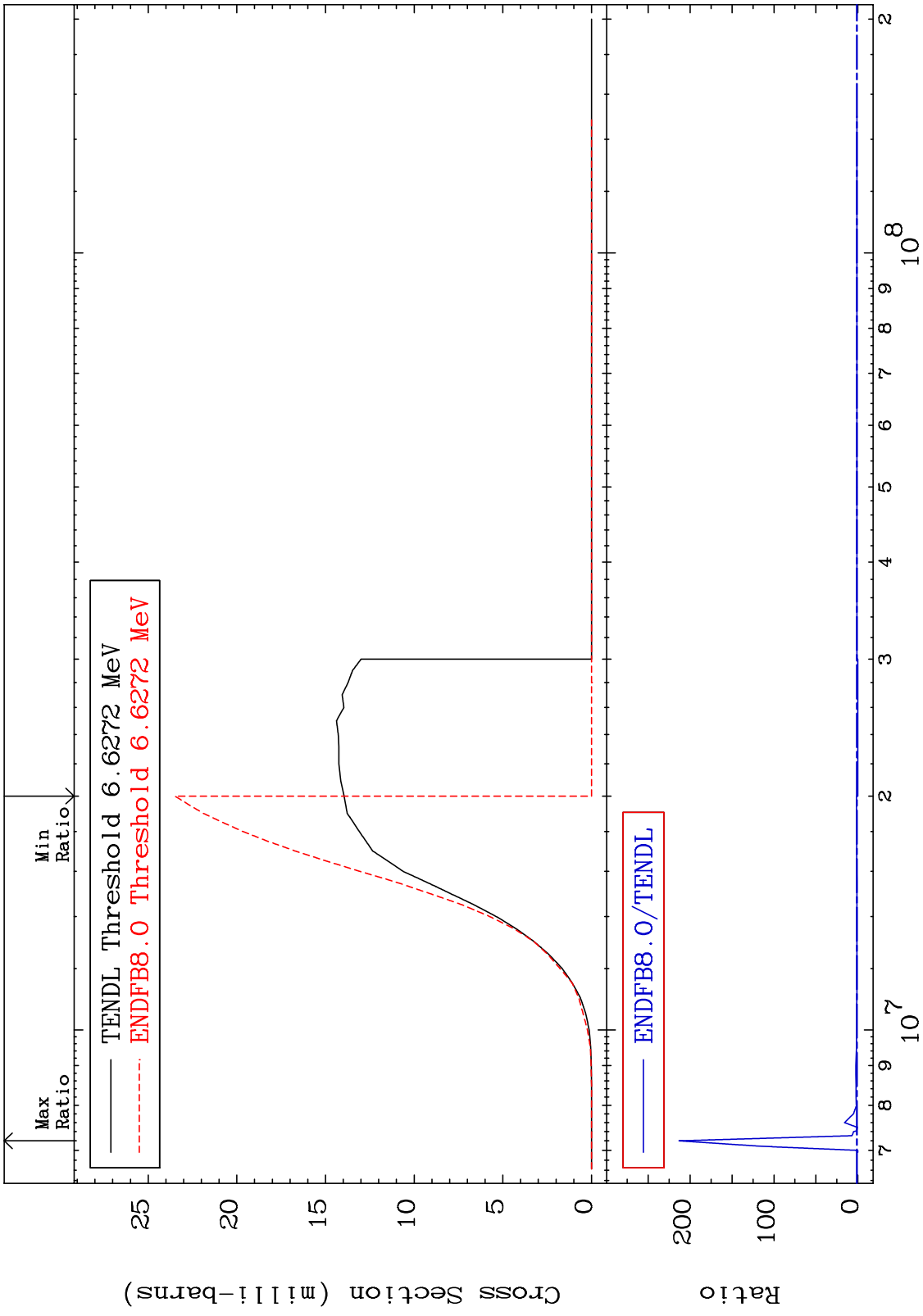


40

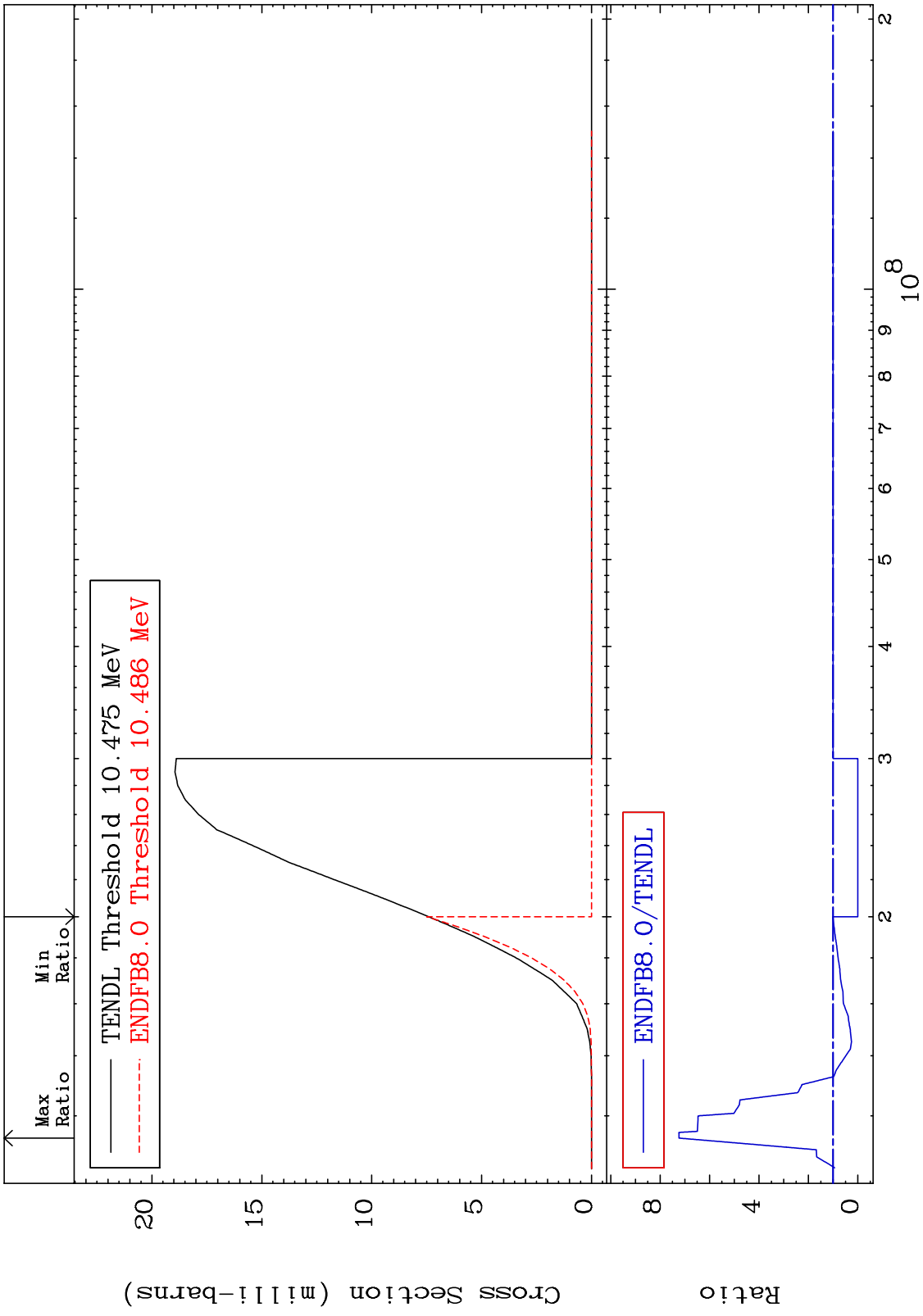
Incident Energy (eV)

28-Ni-64

MAT 2843 (n,p) Cross Section 28-Ni-64 -100.0 To 9999. %

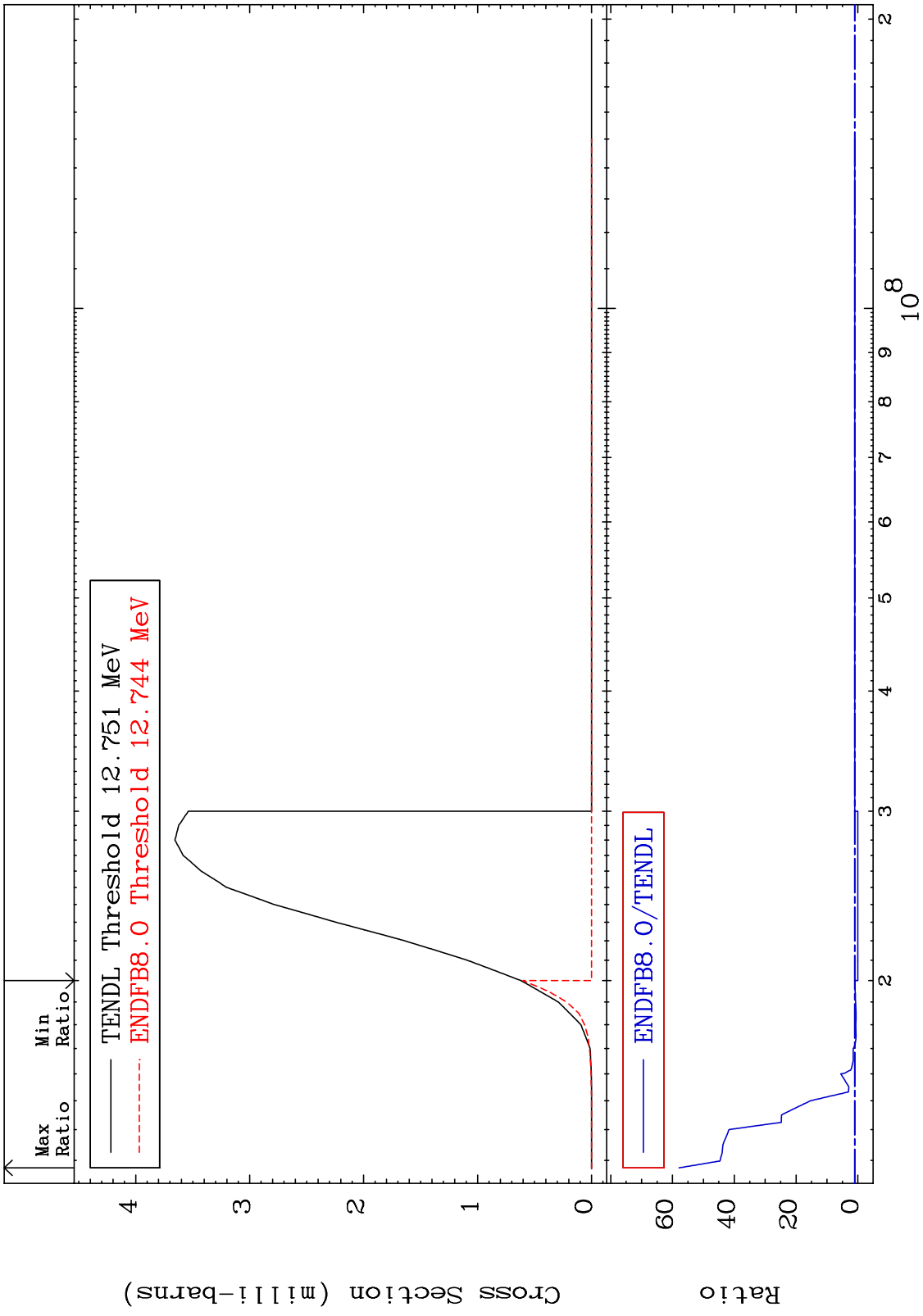


MAT 2843 (n,d) 28-Ni-64
 Cross Section -100.0 To 623.6 %



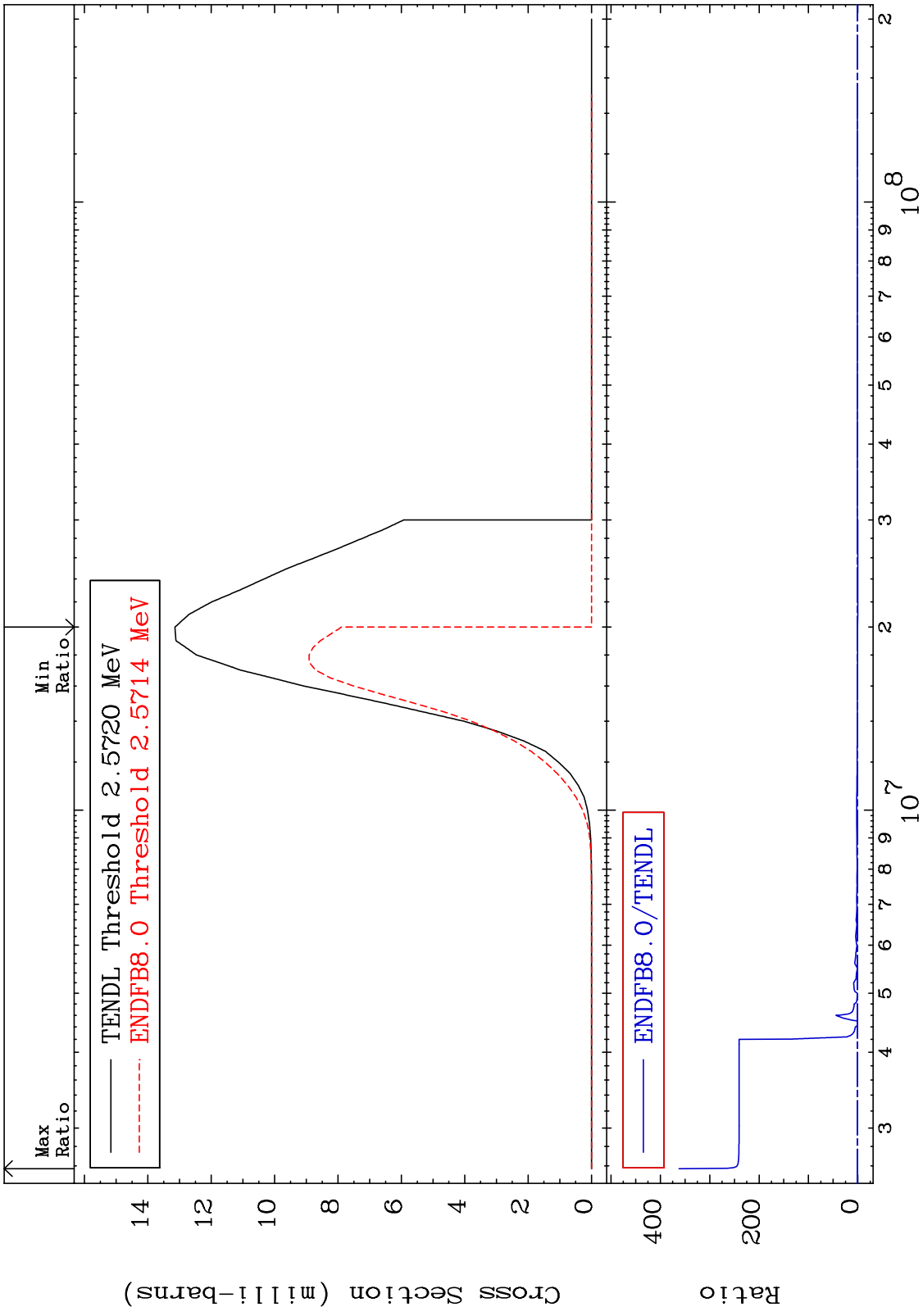
42 28-Ni-64

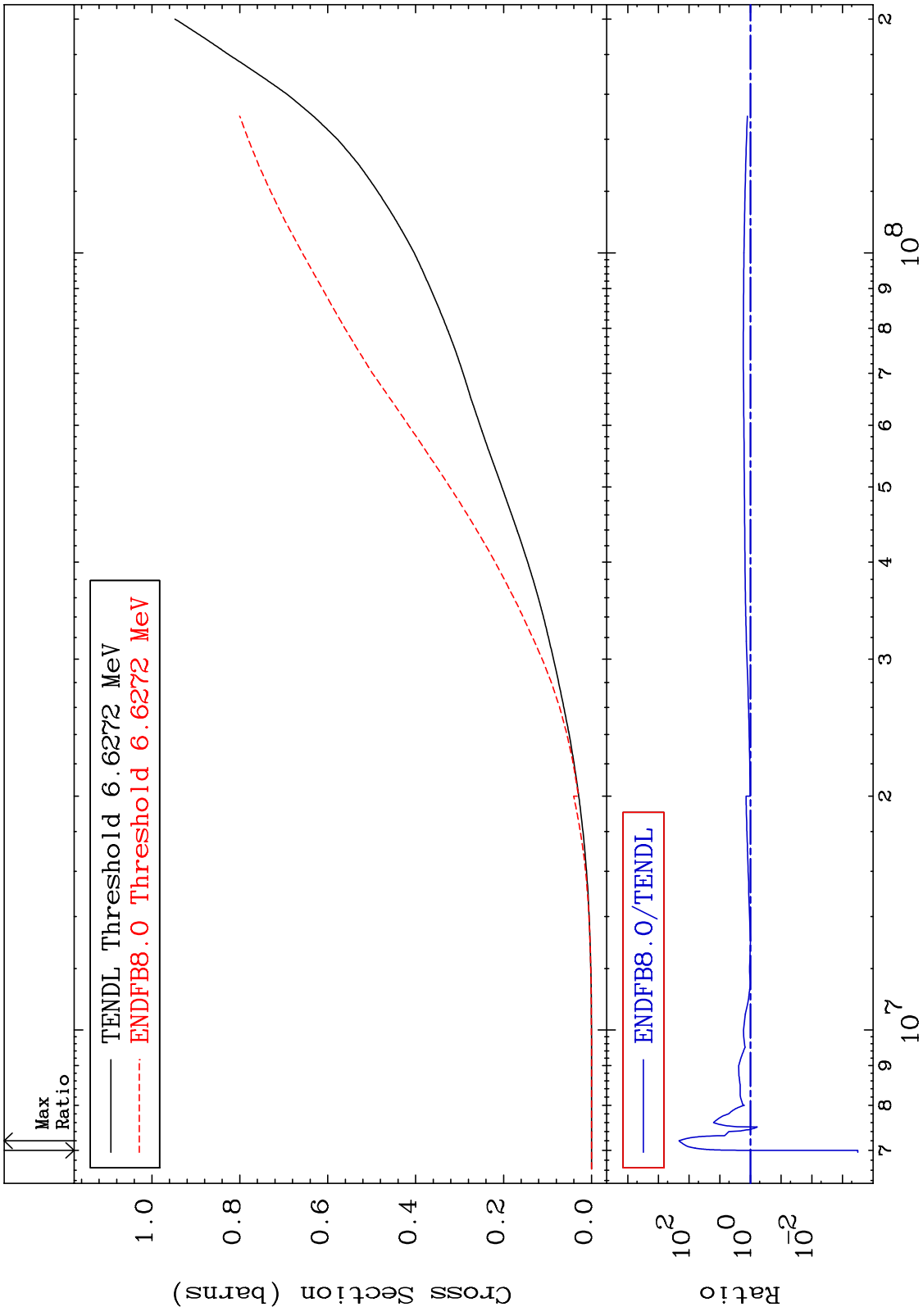
MAT 2843 (n,t) 28-Ni-64
 Cross Section -100.0 To 5688. %



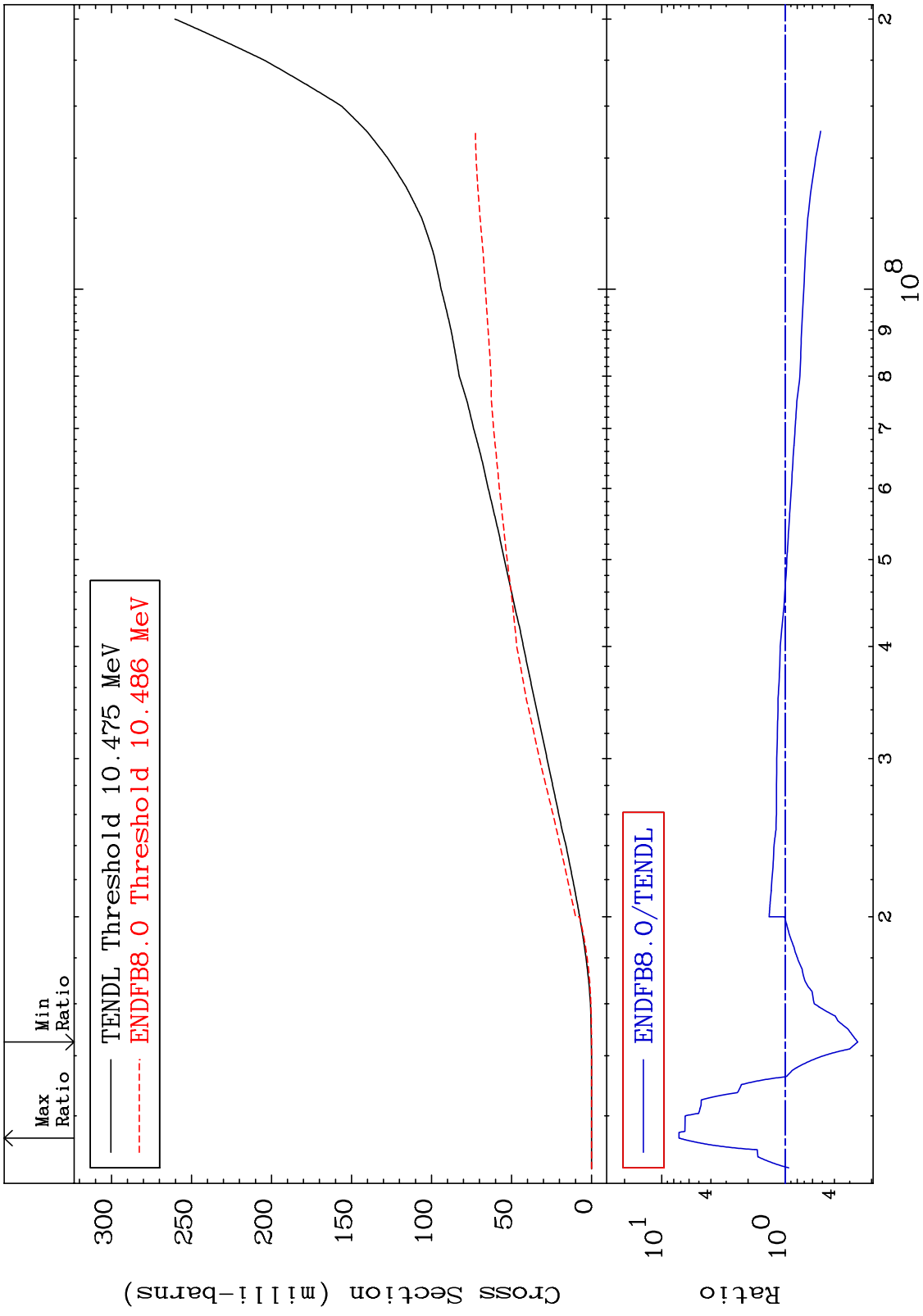
43 28-Ni-64 Incident Energy (eV)

MAT 2843 (n,α) Cross Section 28-Ni-64 -100.0 To 9999. %

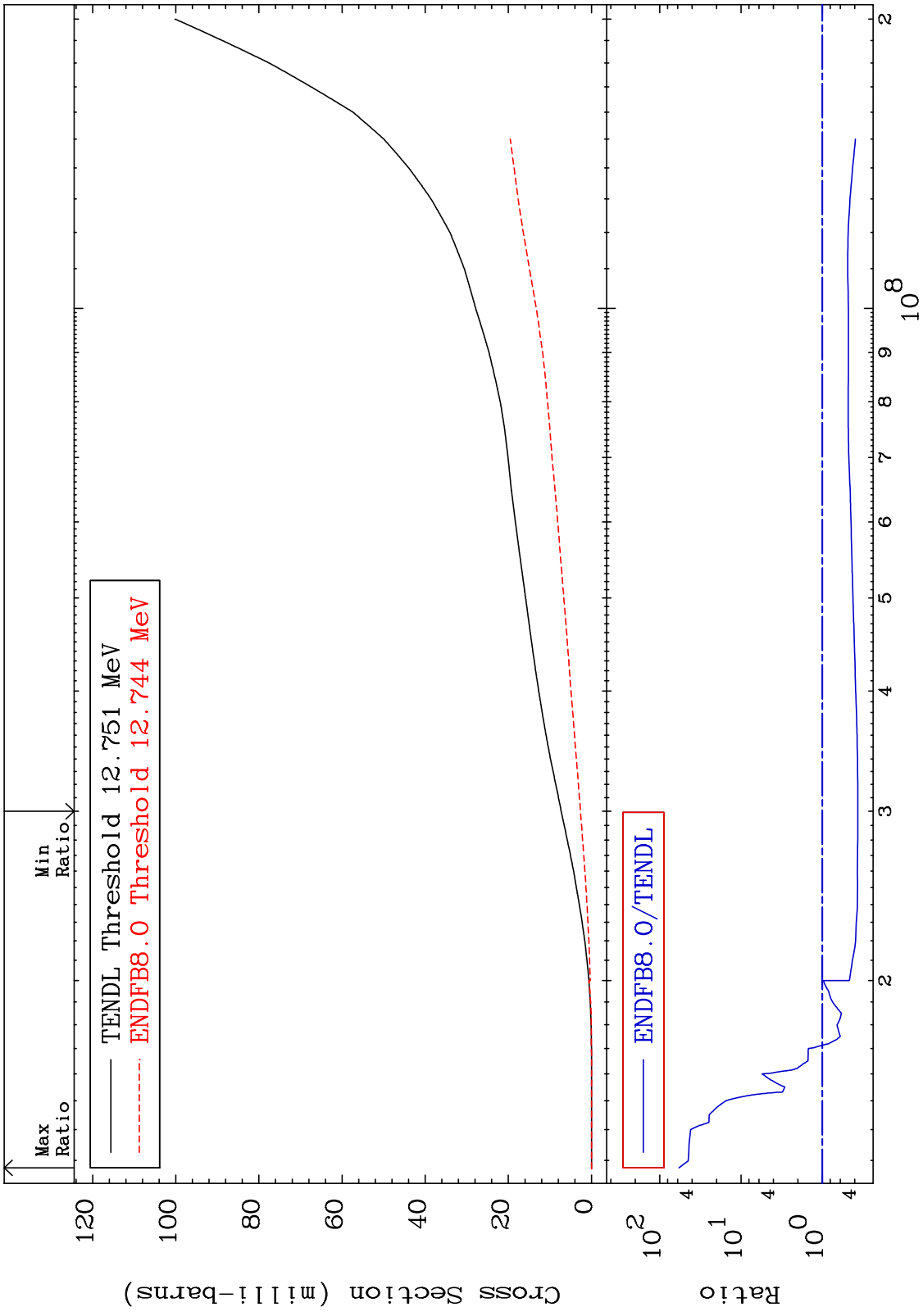




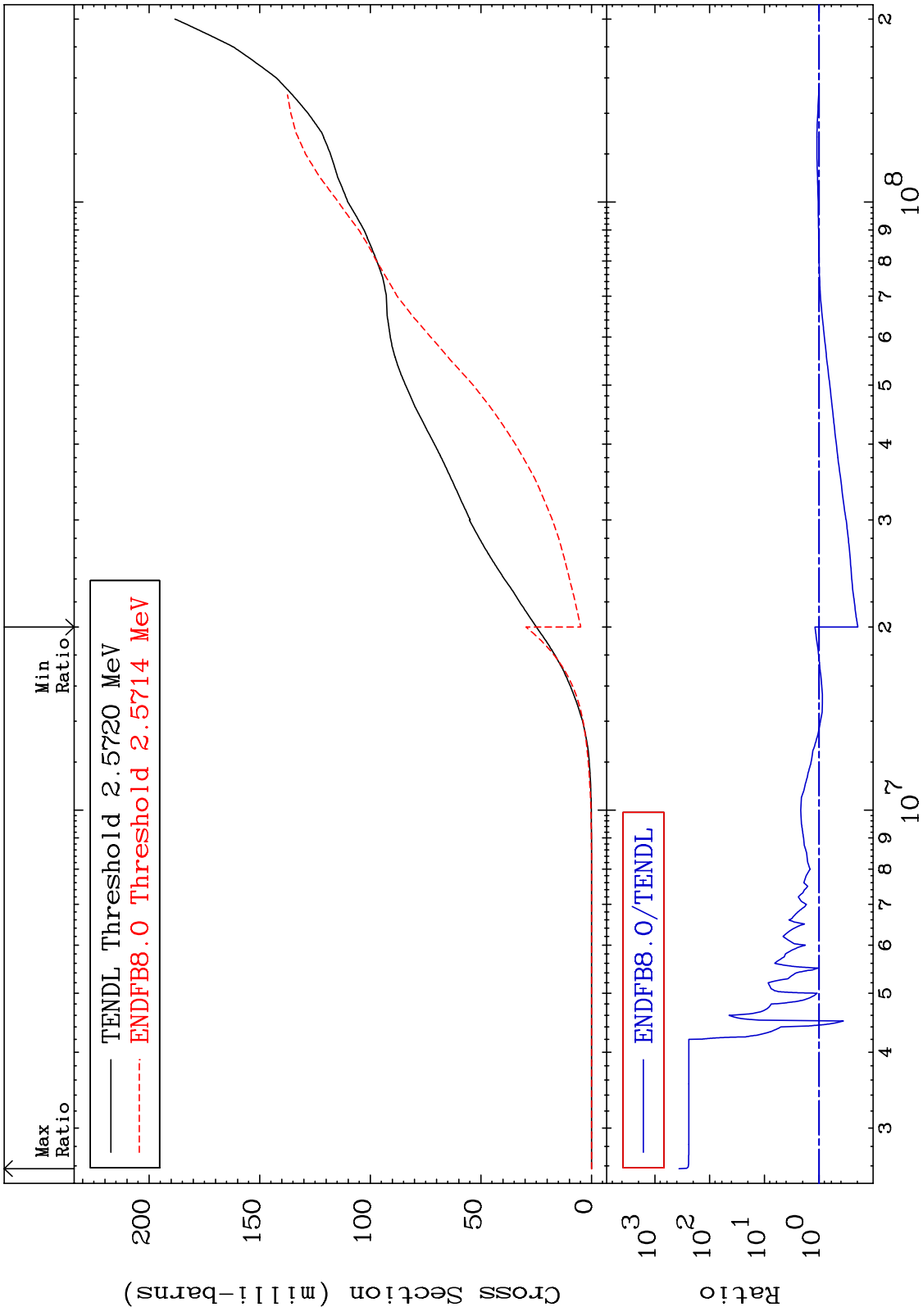
MAT 2843 Deuterium Production Cross Section 28-Ni-64 -74.20 To 623.6 %



MAT 2843 Tritium Production Cross Section 28-Ni-64 -63.44 To 5688. %



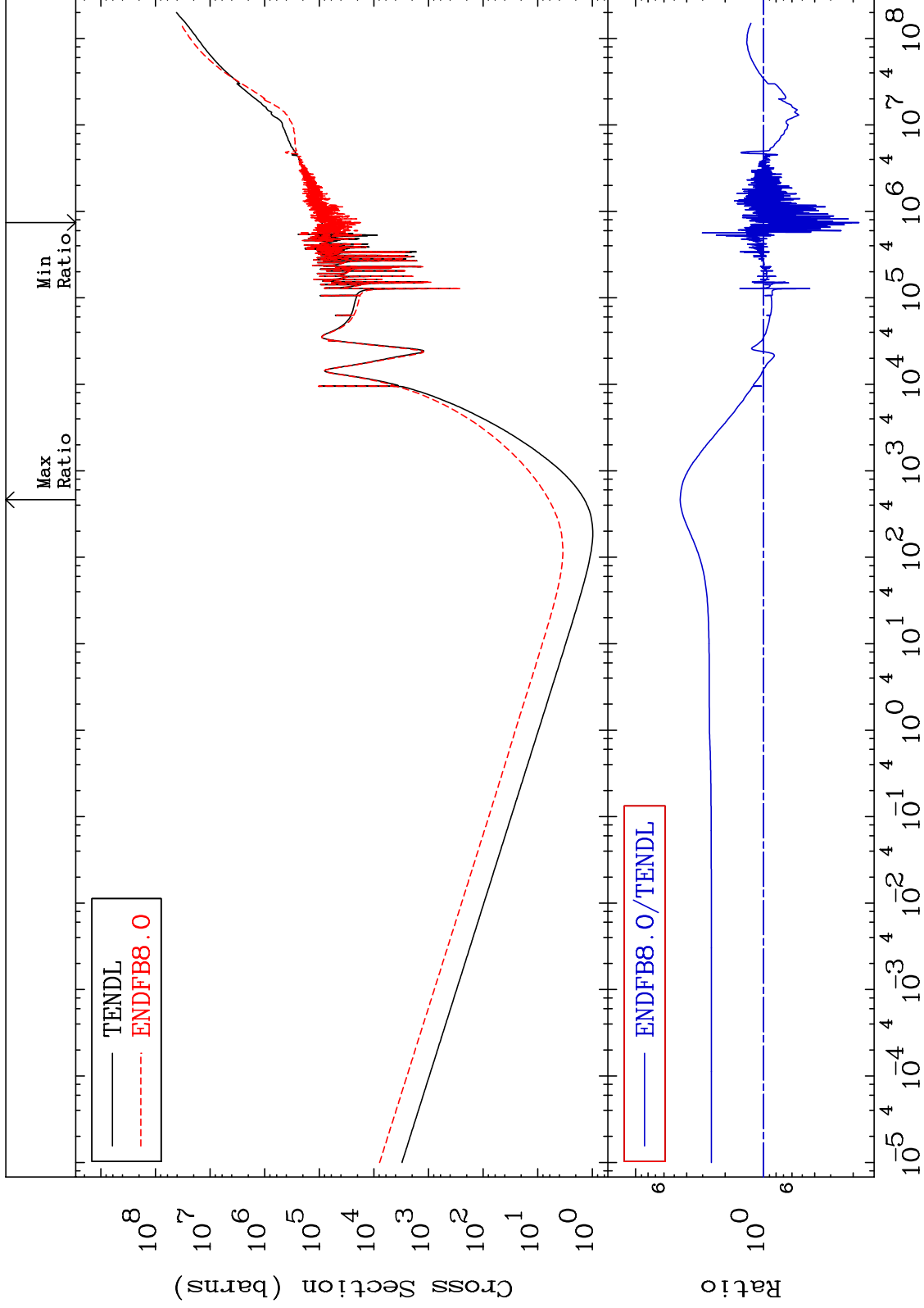
MAT 2843 He-4 Production Cross Section -80.41 To 9999. % 28-Ni-64

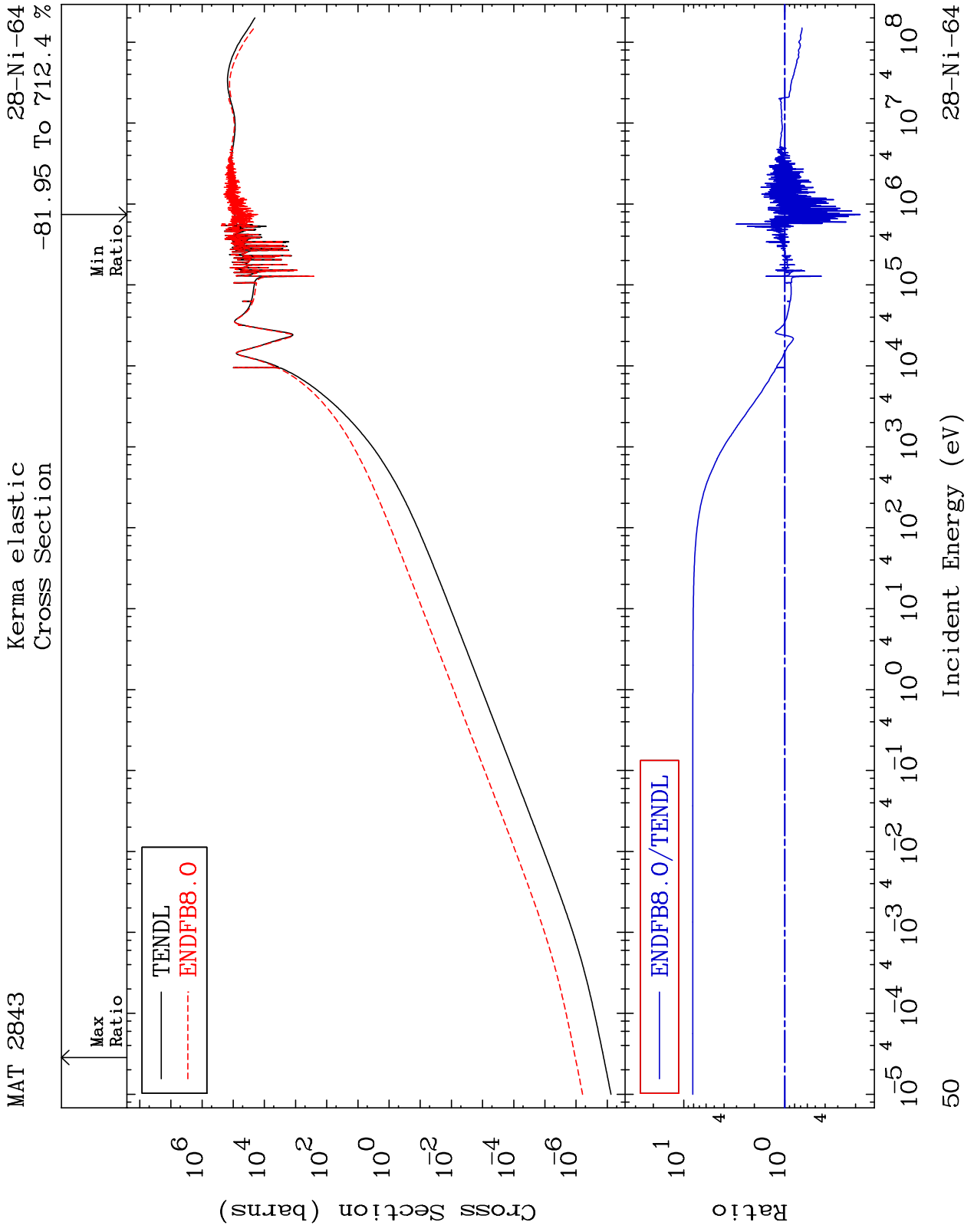


MAT 2843

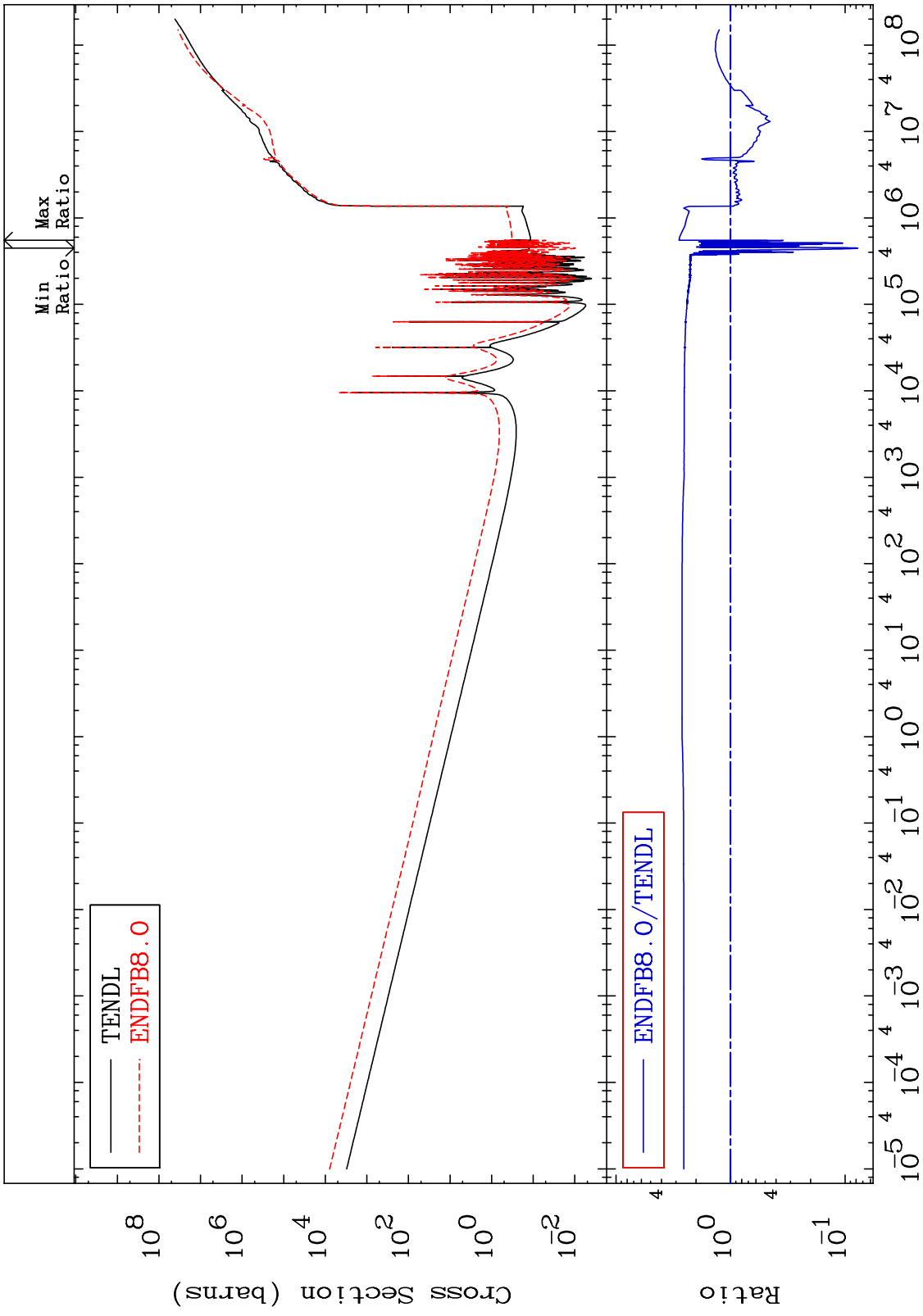
Kerma total (eV-barns)
Cross Section

28-Ni-64
-81.95 To 348.6 %

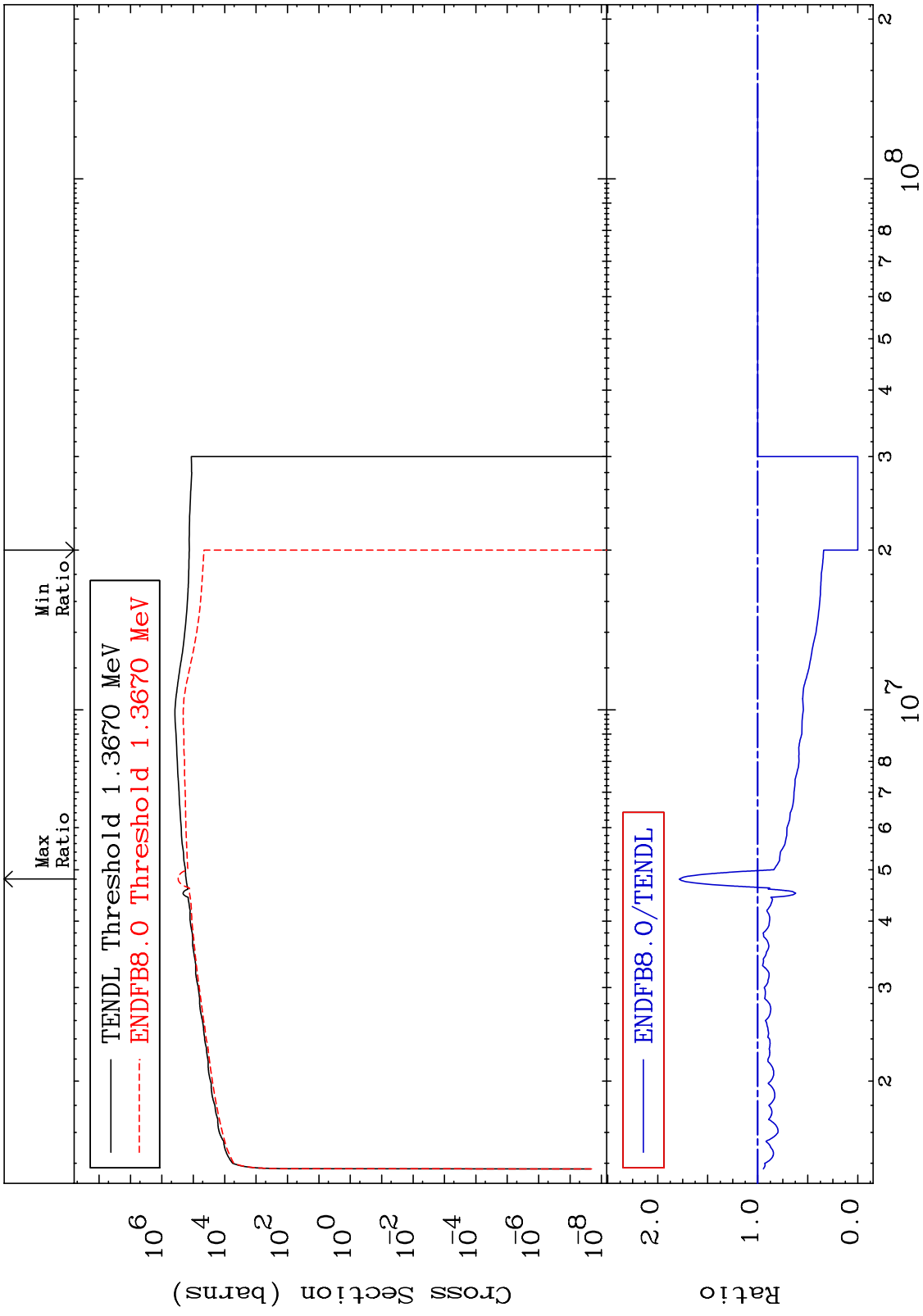




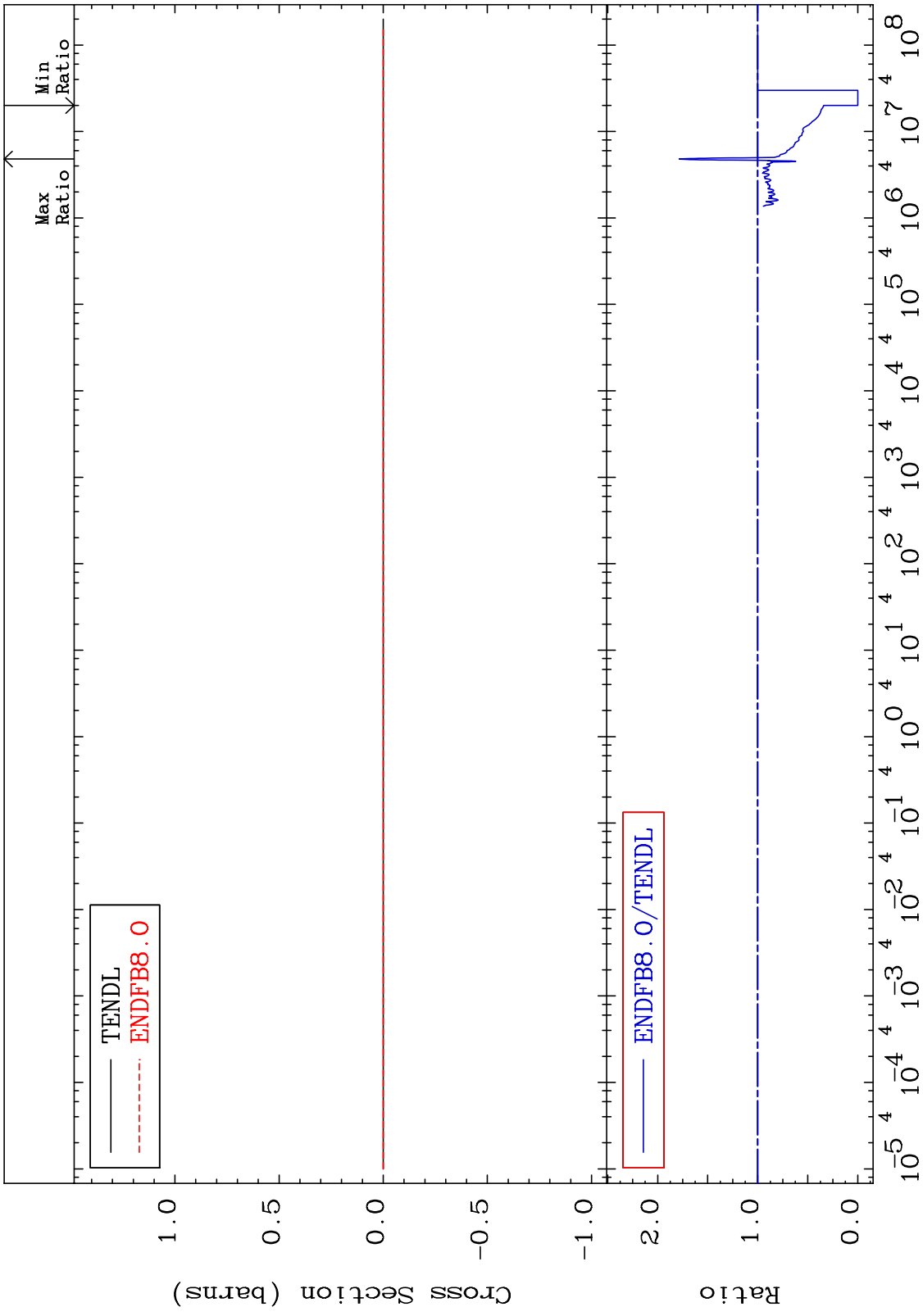
MAT 2843 Kerma non-elastic (all but mt2) 28-Ni-64
 Cross Section -92.27 To 181.6 %



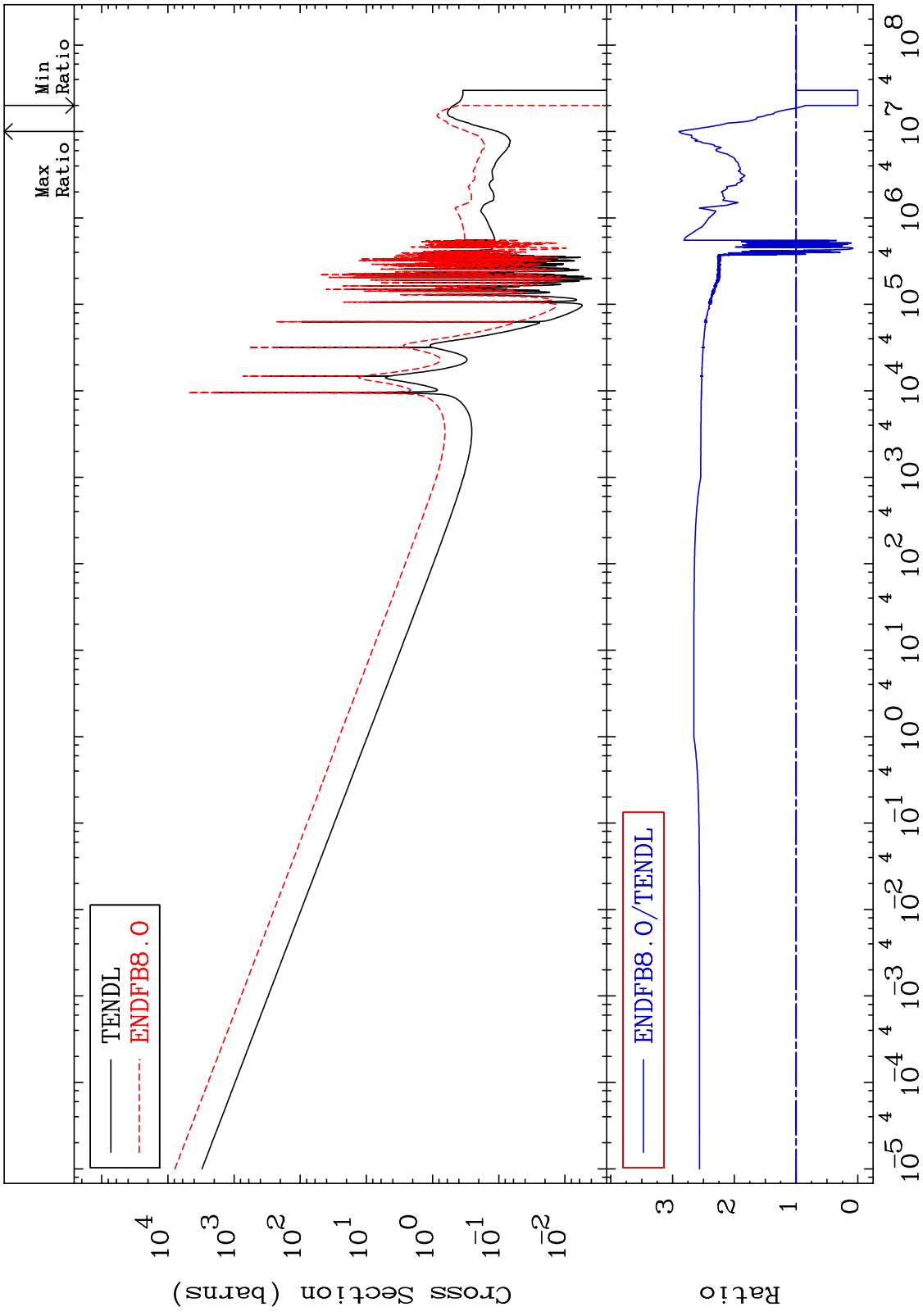
MAT 2843 Kerma inelastic (mt51-91) 28-Ni-64
 -100.0 To 78.66 %
 Cross Section



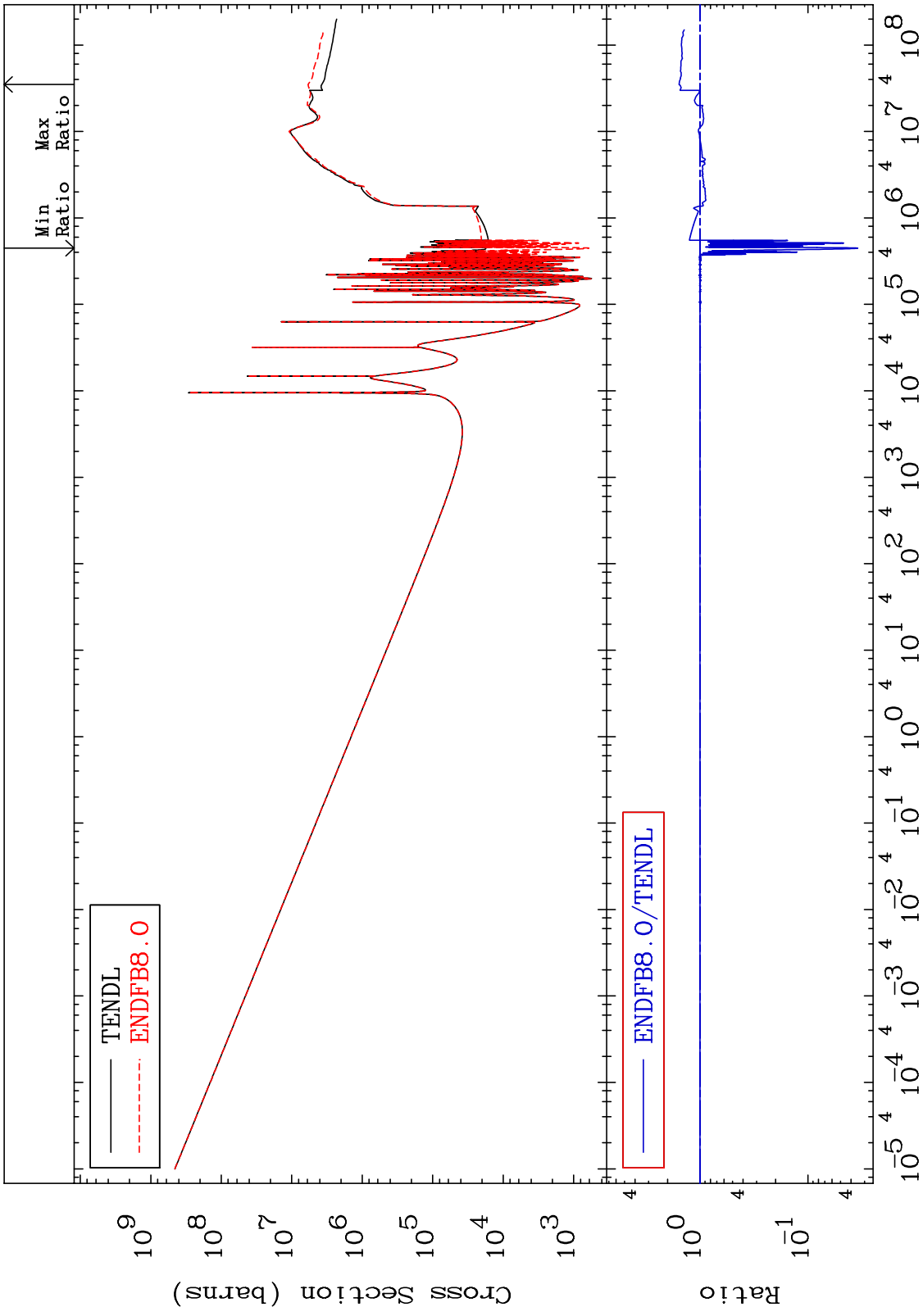
MAT 2843 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-64
 Cross Section -100.0 To 78.66 %



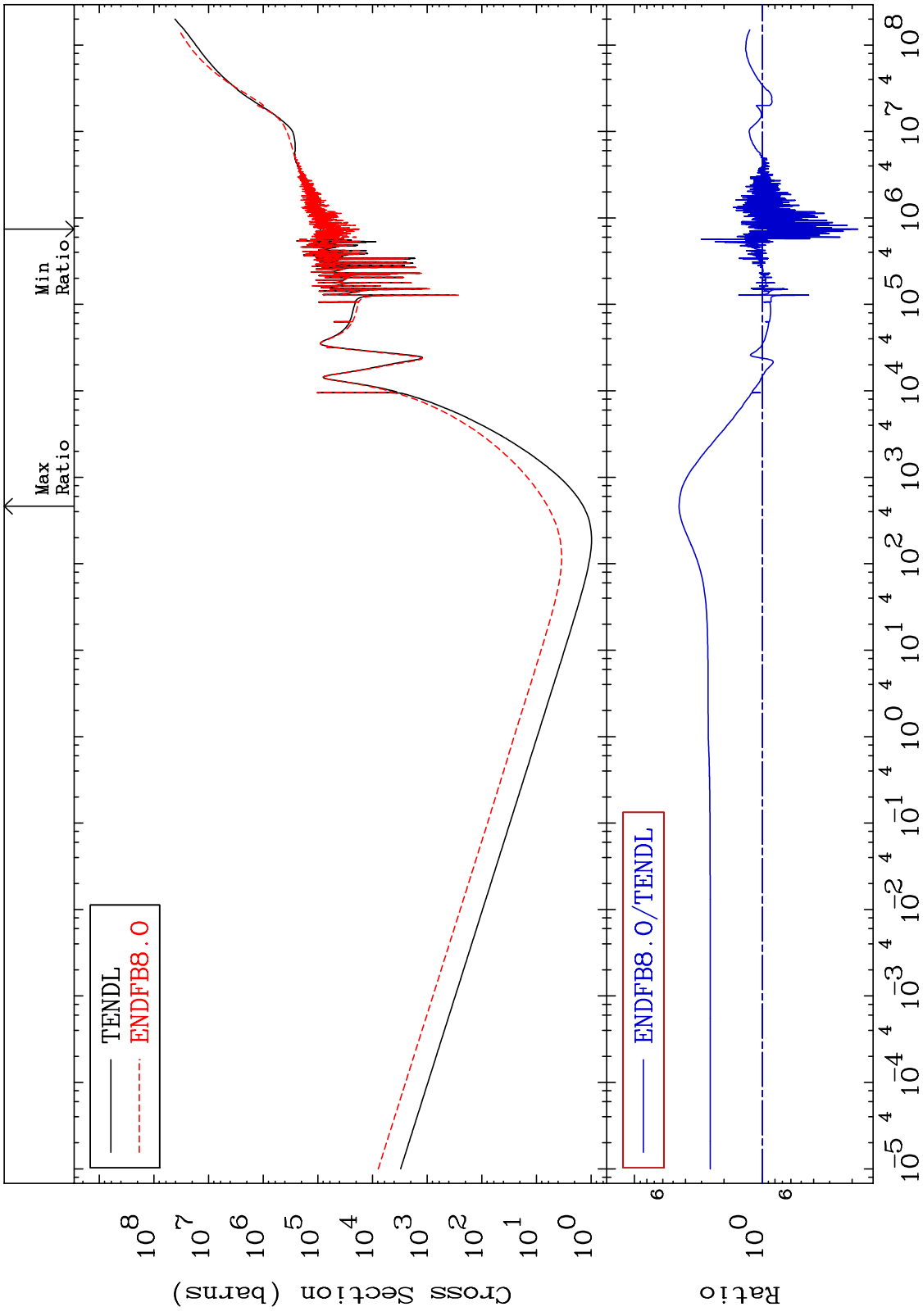
MAT 2843 Kerma capture (mt102) 28-Ni-64
 Cross Section -100.0 To 189.6 %



MAT 2843 28-Ni-64
 Total photon (eV-barns) -96.54 To 56.50 %
 Cross Section



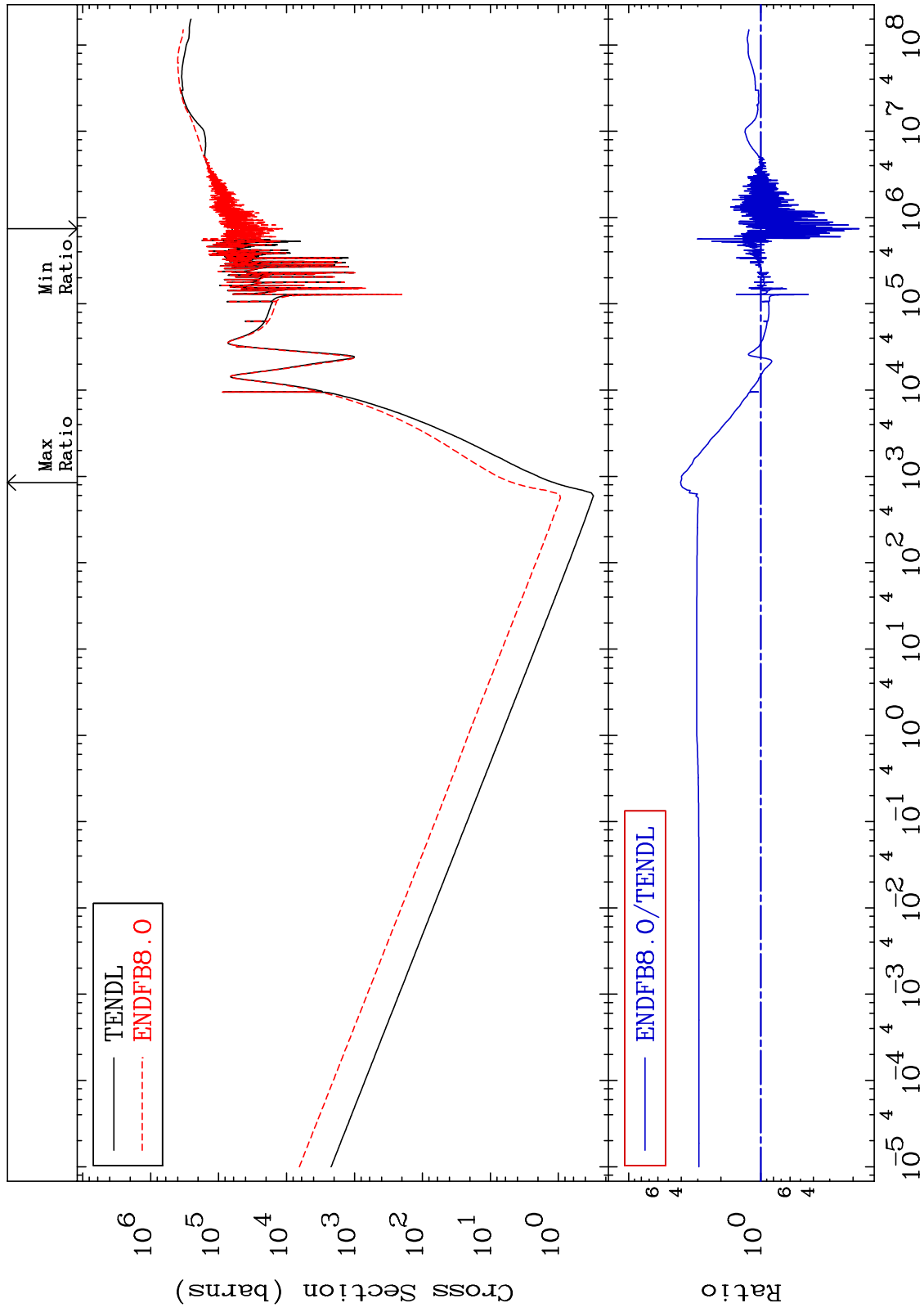
MAT 2843 Total kinematic kerma (high limit) 28-Ni-64
 Cross Section -81.95 To 348.6 %



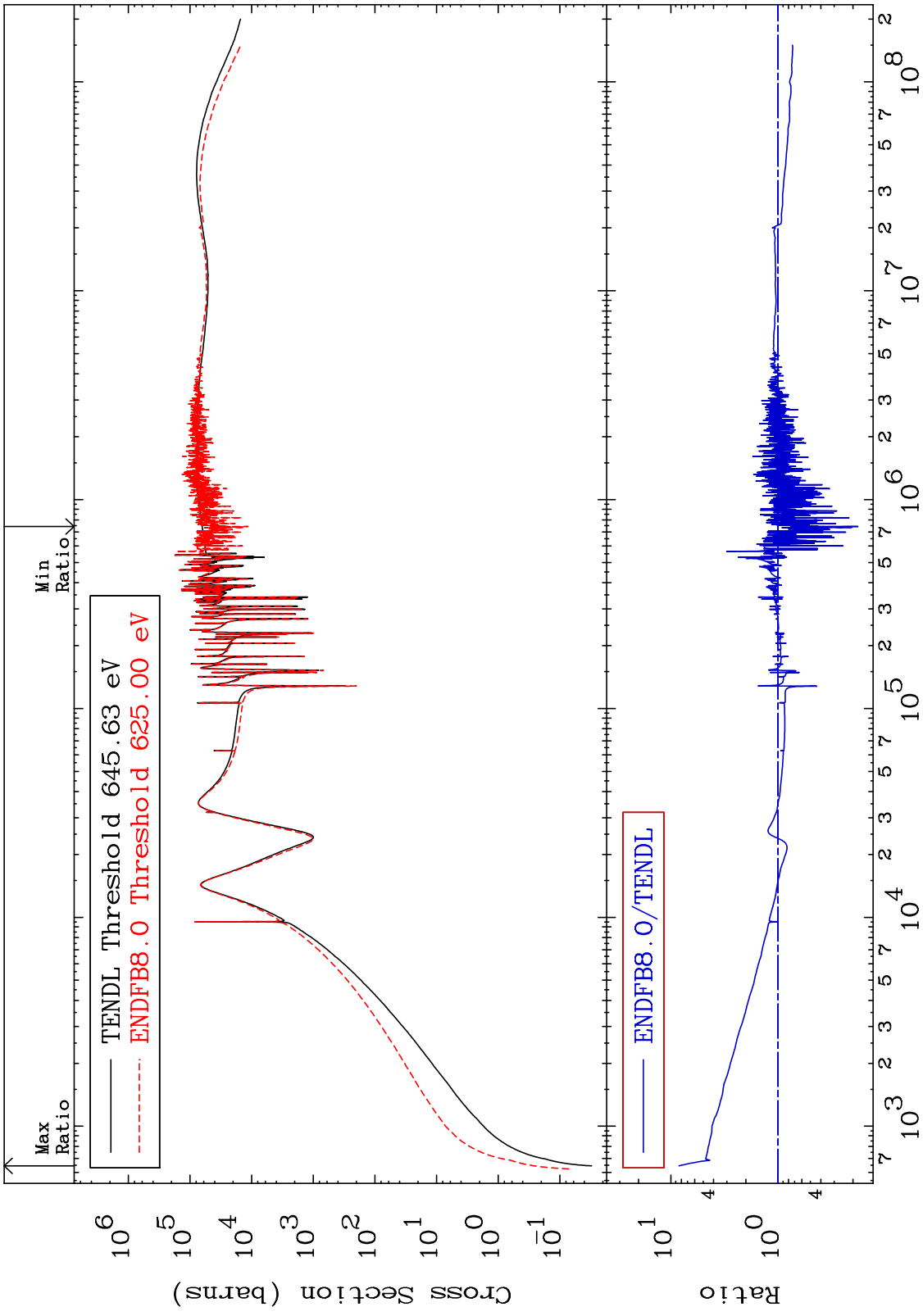
MAT 2843

Dpa total (eV-barns)
Cross Section

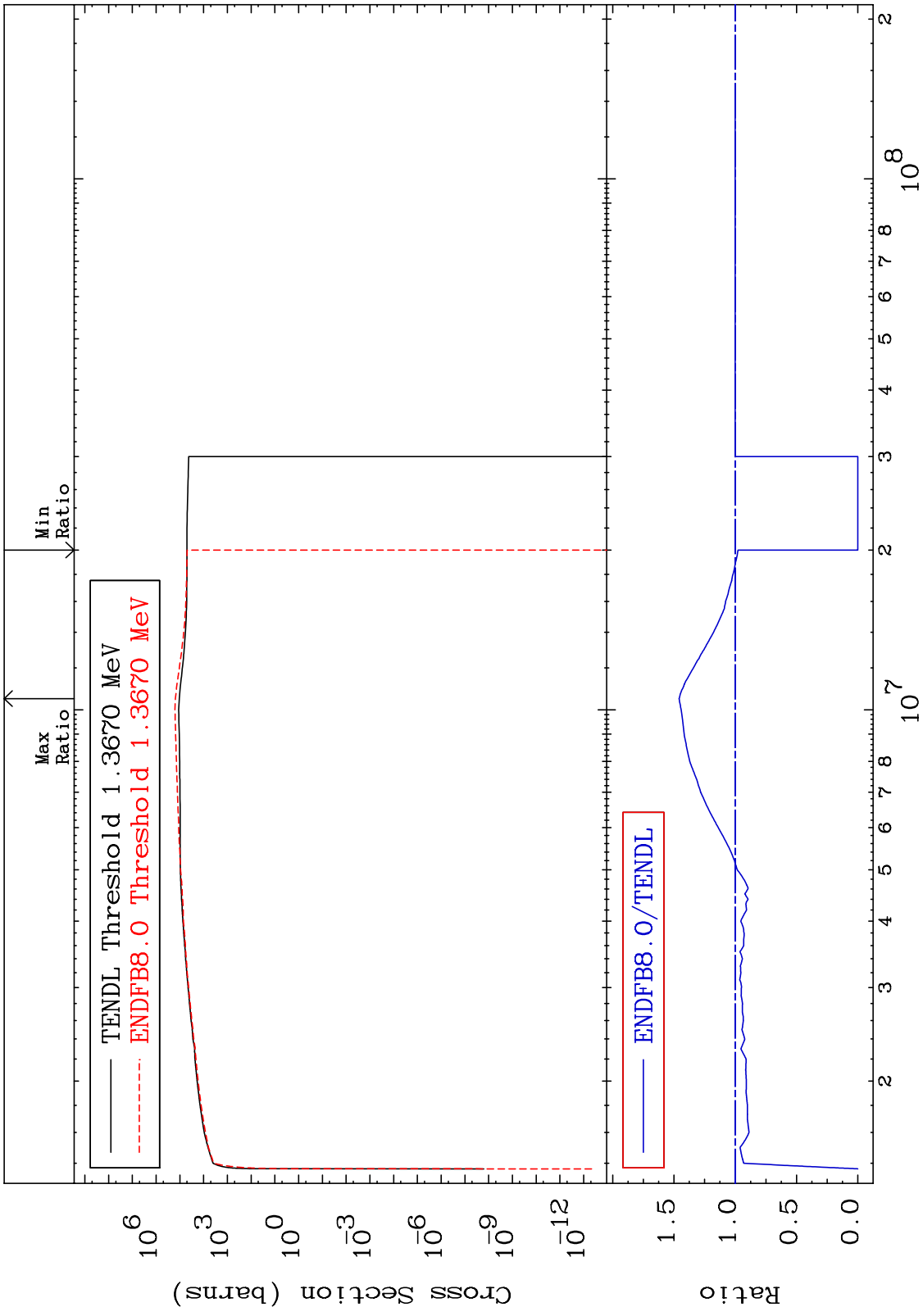
28-Ni-64
-81.97 To 303.9 %



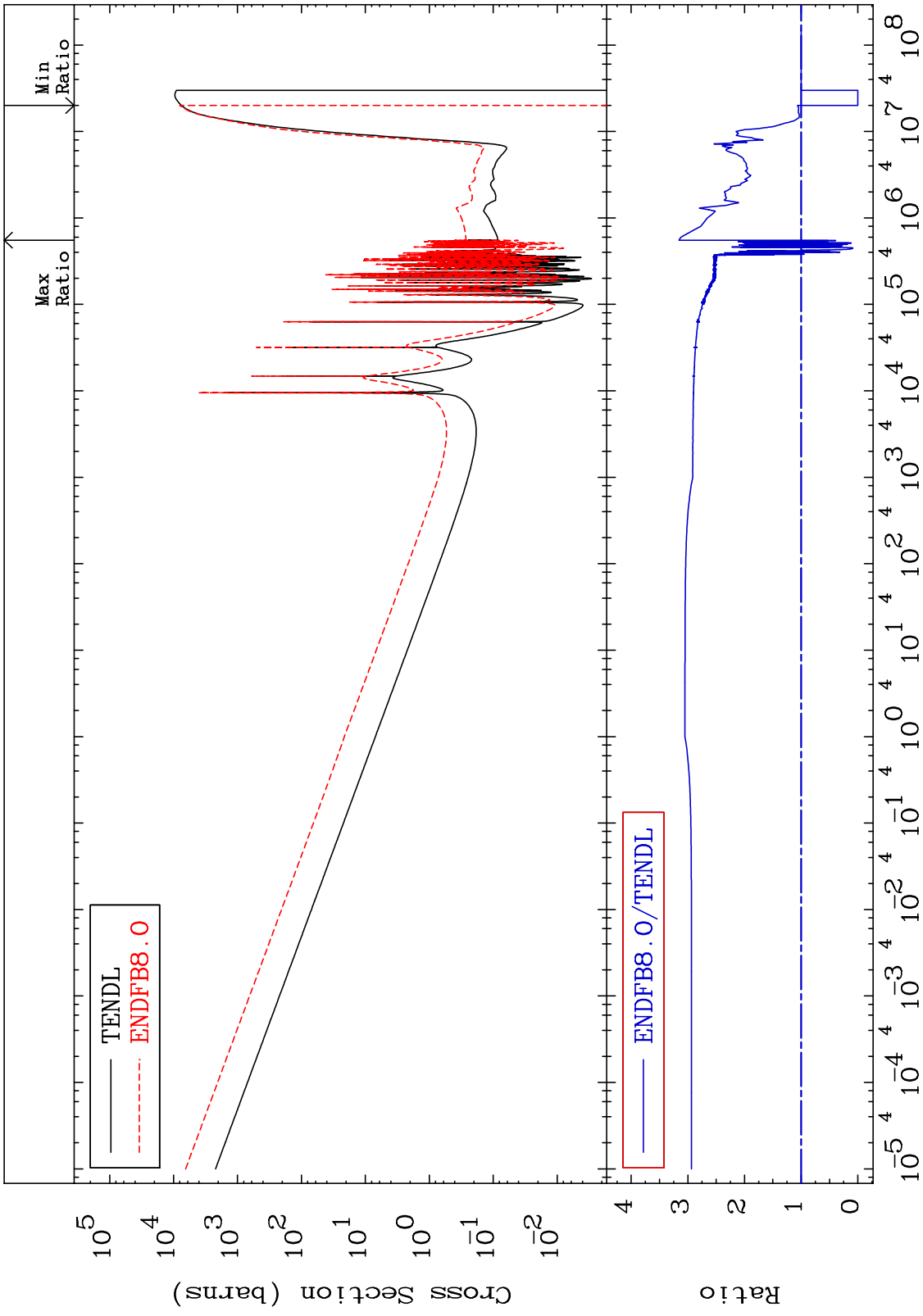
MAT 2843 Dpa elastic (mt2) 28-Ni-64
 Cross Section -81.97 To 739.2 %



MAT 2843 Dpa inelastic (mt51-91) 28-Ni-64
 Cross Section -100.0 To 45.87 %



MAT 2843 Dpa disappearance (mt102 -120) 28-Ni-64
 Cross Section -100.0 To 215.5 %



60 Incident Energy (eV) 28-Ni-64