

Program Complot  
(Version 2021-1)

by

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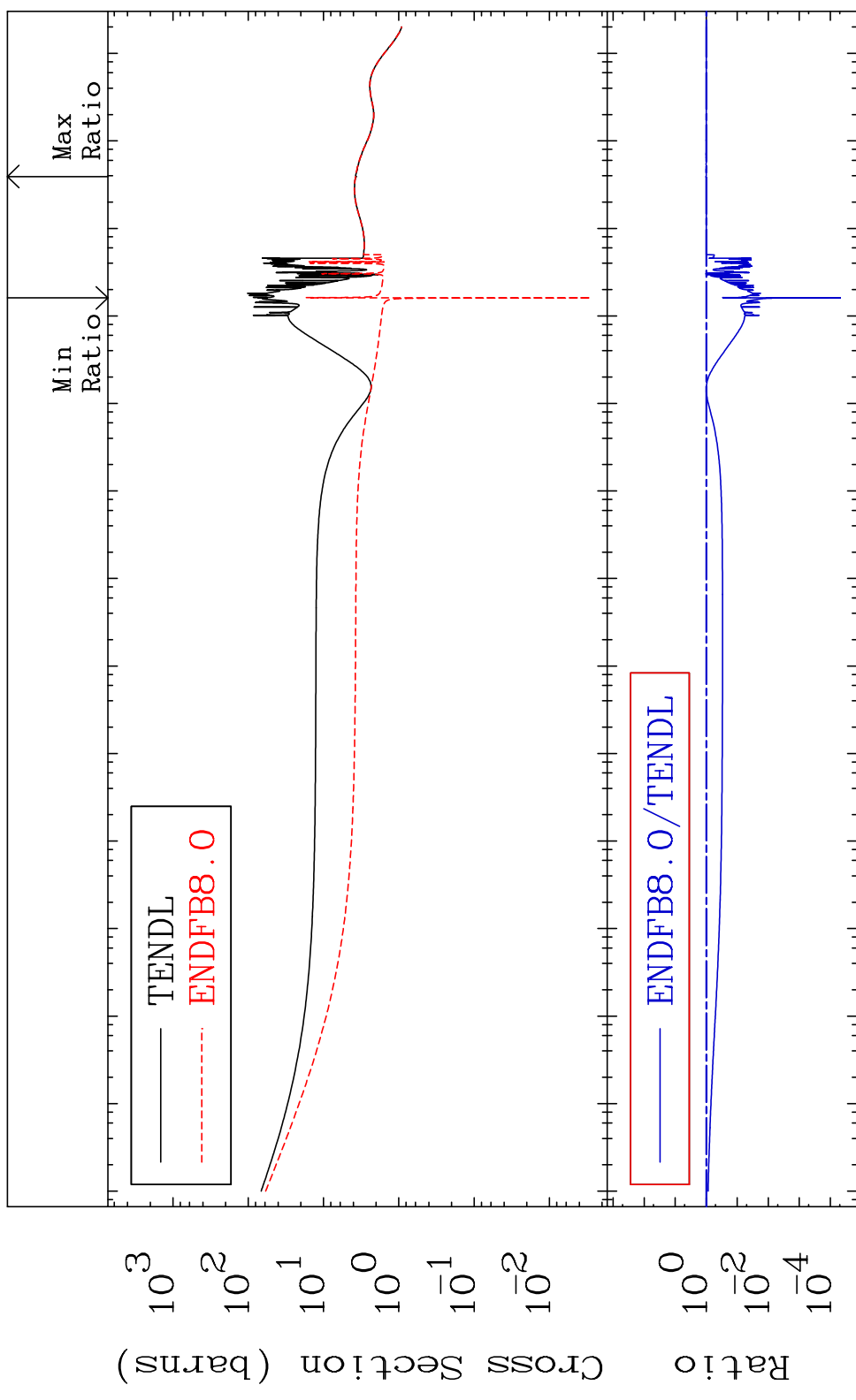
Press Mouse Button to Start

MAT 2049

Total

20-Ca-48

Cross Section -100.0 To 3.384 %

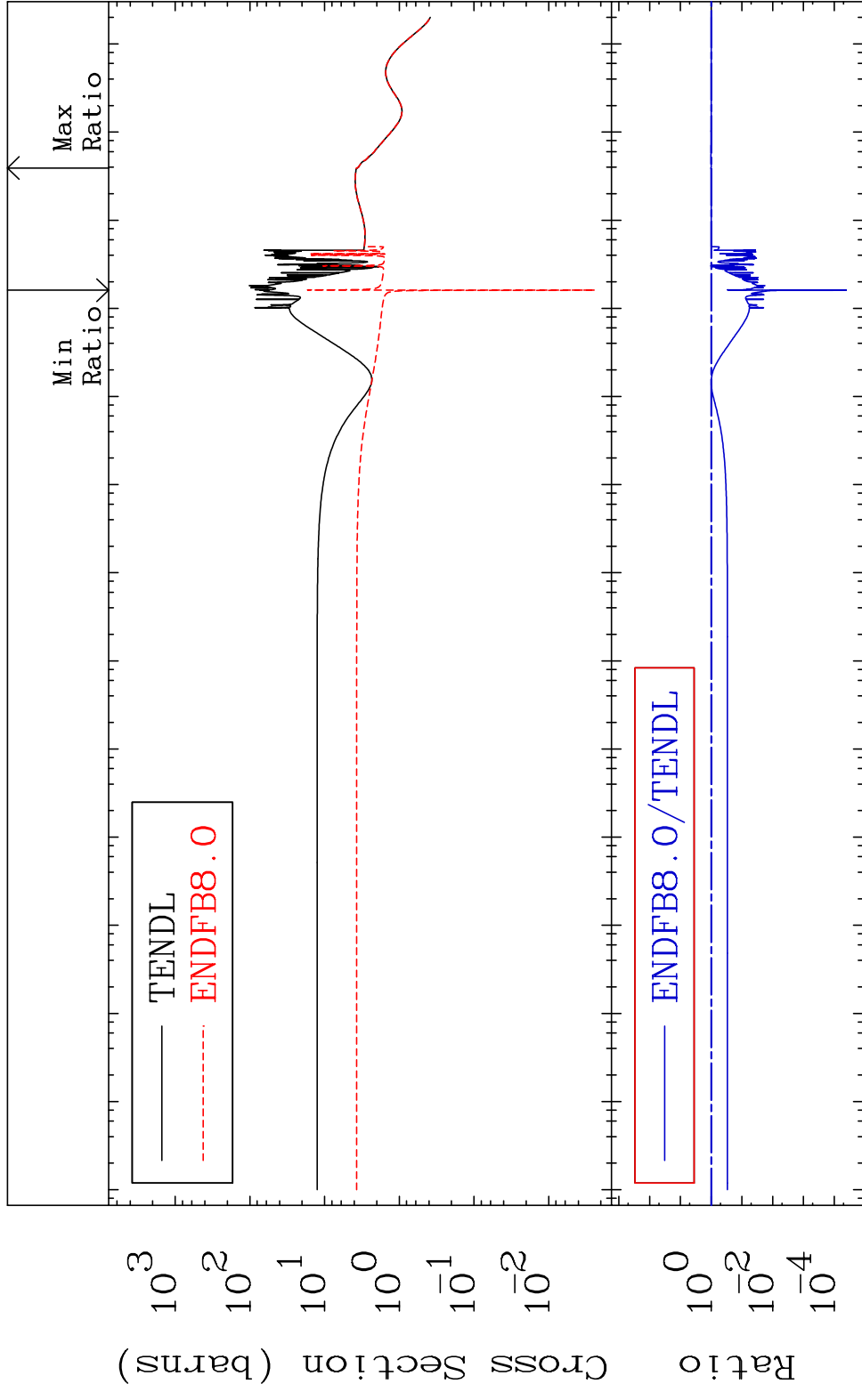


1

Incident Energy (eV)

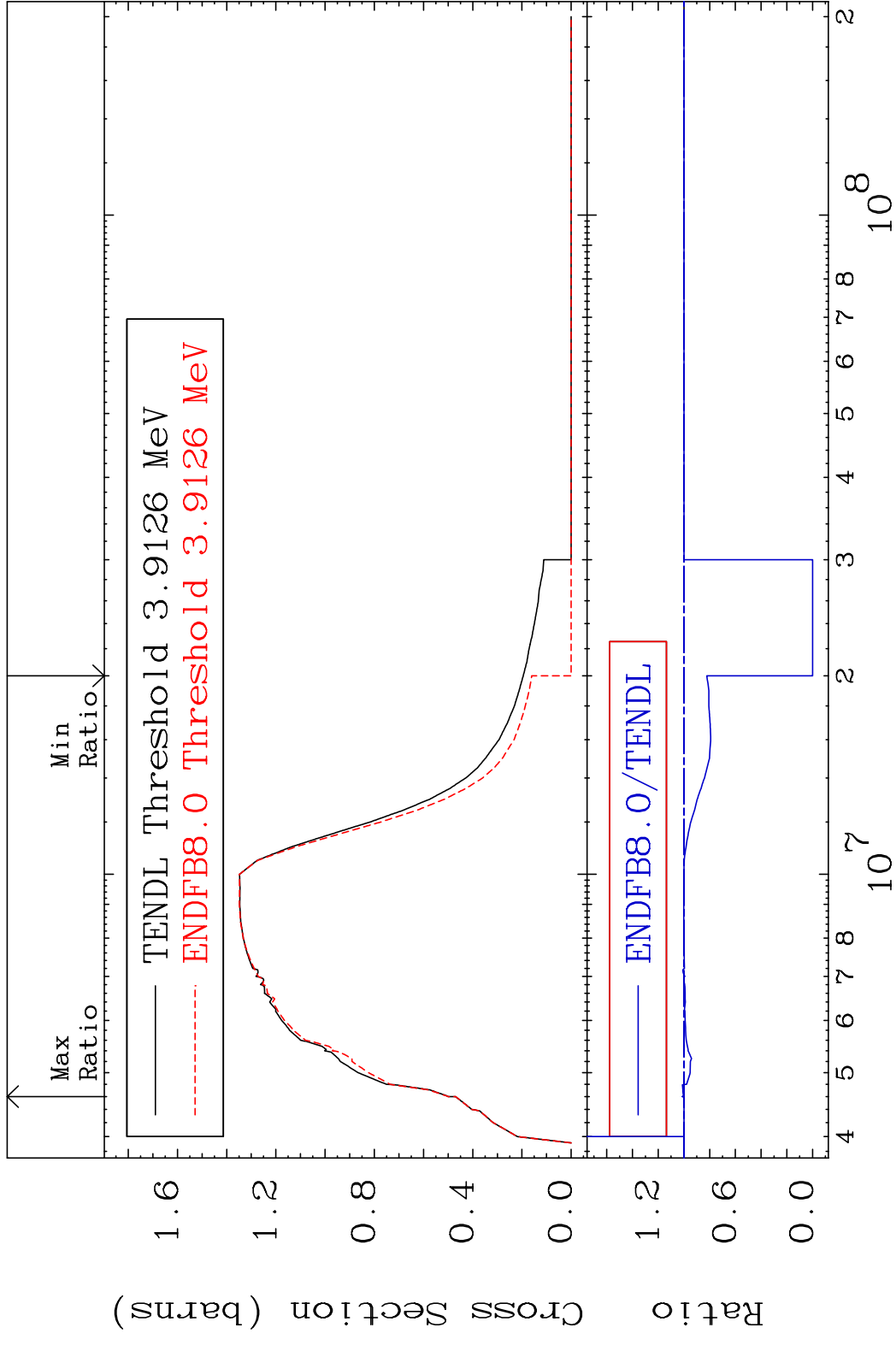
20-Ca-48

MAT 2049                      Elastic                      20-Ca-48  
 Cross Section                      -100.0 To 3.369 %



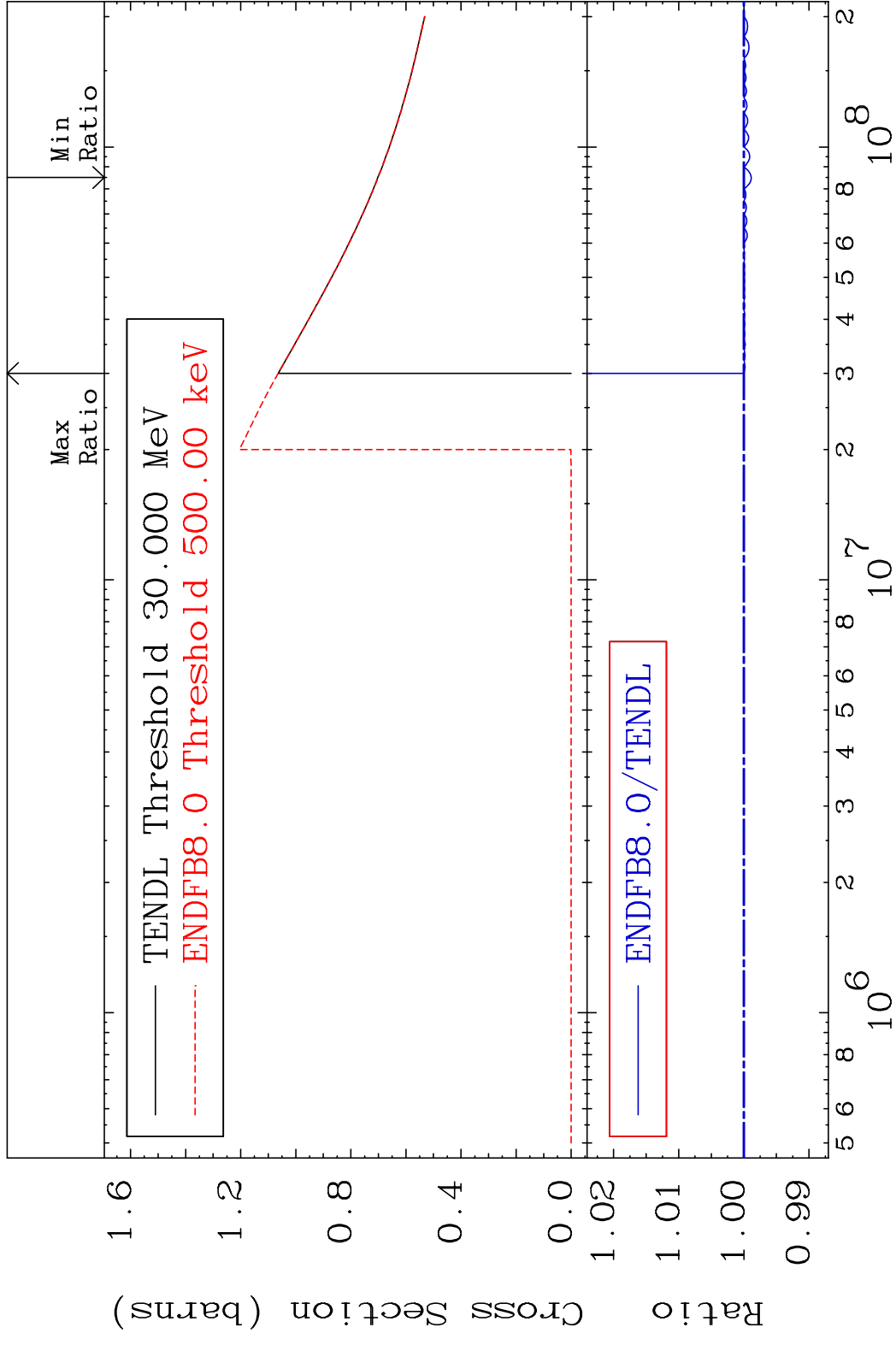
2                      Incident Energy (eV)                      20-Ca-48

MAT 2049 Inelastic 20-Ca-48  
 Cross Section -100.0 To 1.237 %



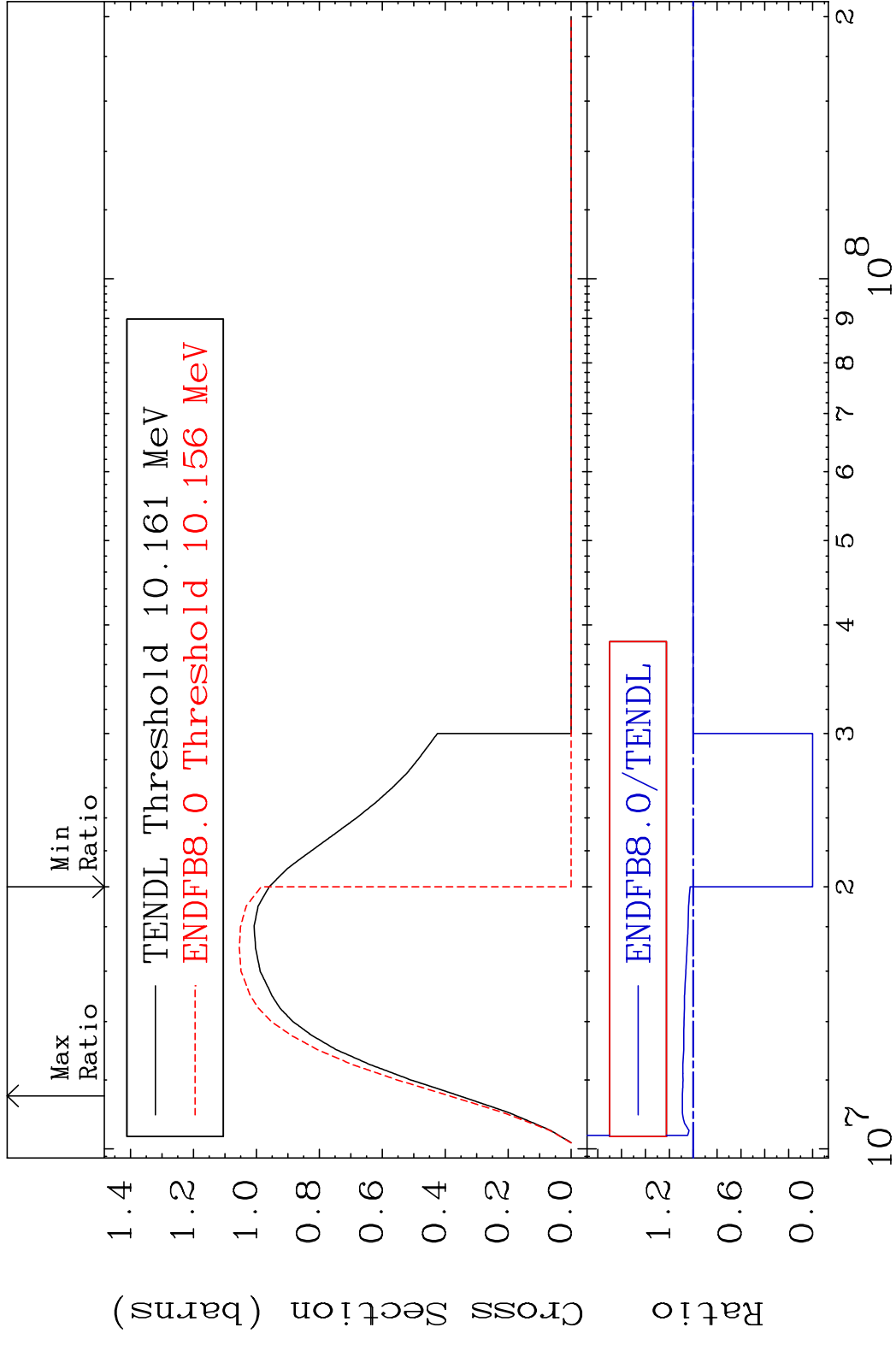
3 Incident Energy (eV) 20-Ca-48

MAT 2049 (n, remainder) 20-Ca-48  
 Cross Section -0.112 To 0.002 %



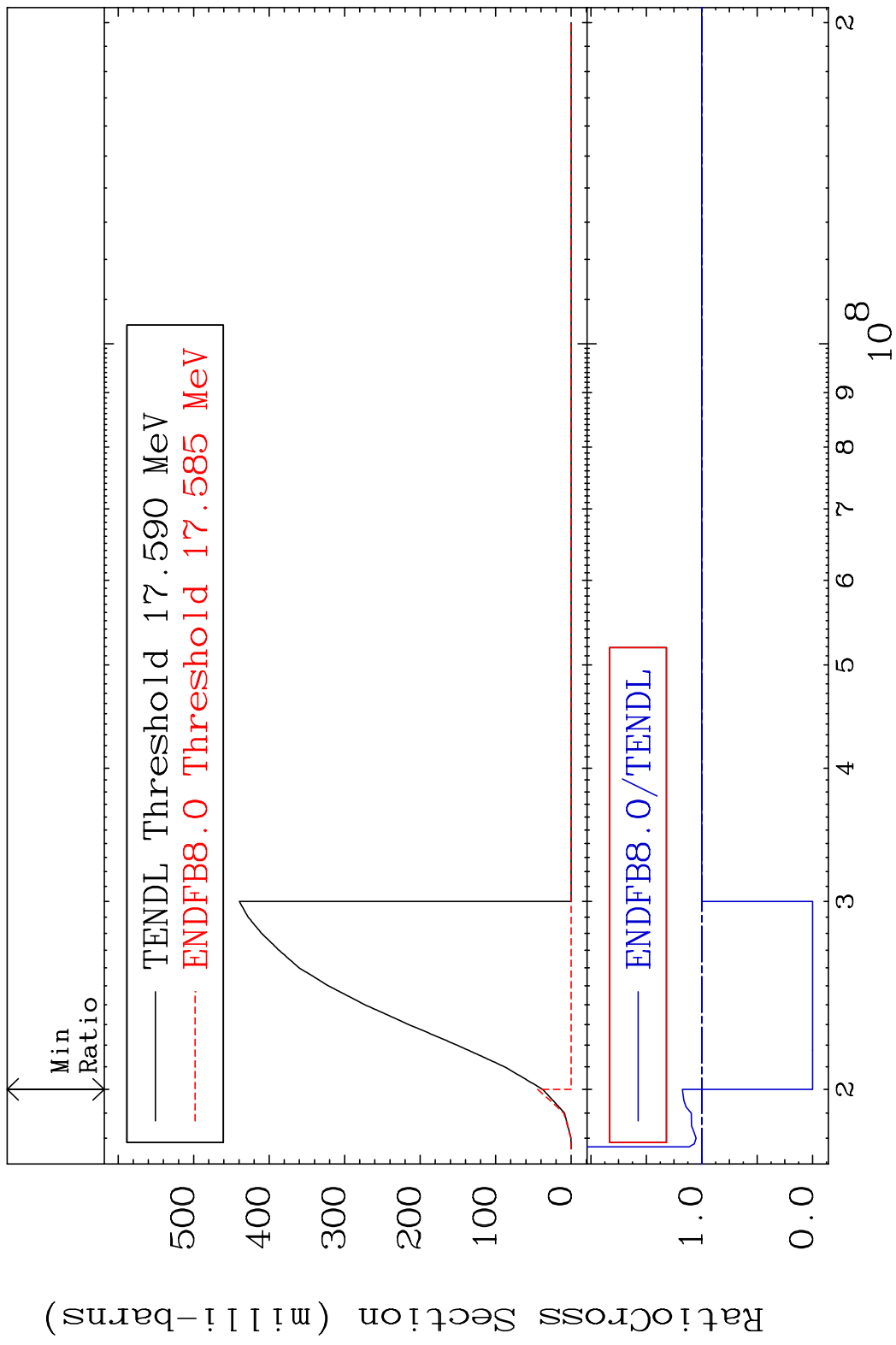
4 Incident Energy (eV) 20-Ca-48

MAT 2049 (n,2n) 20-Ca-48  
 Cross Section -100.0 To 9.080 %



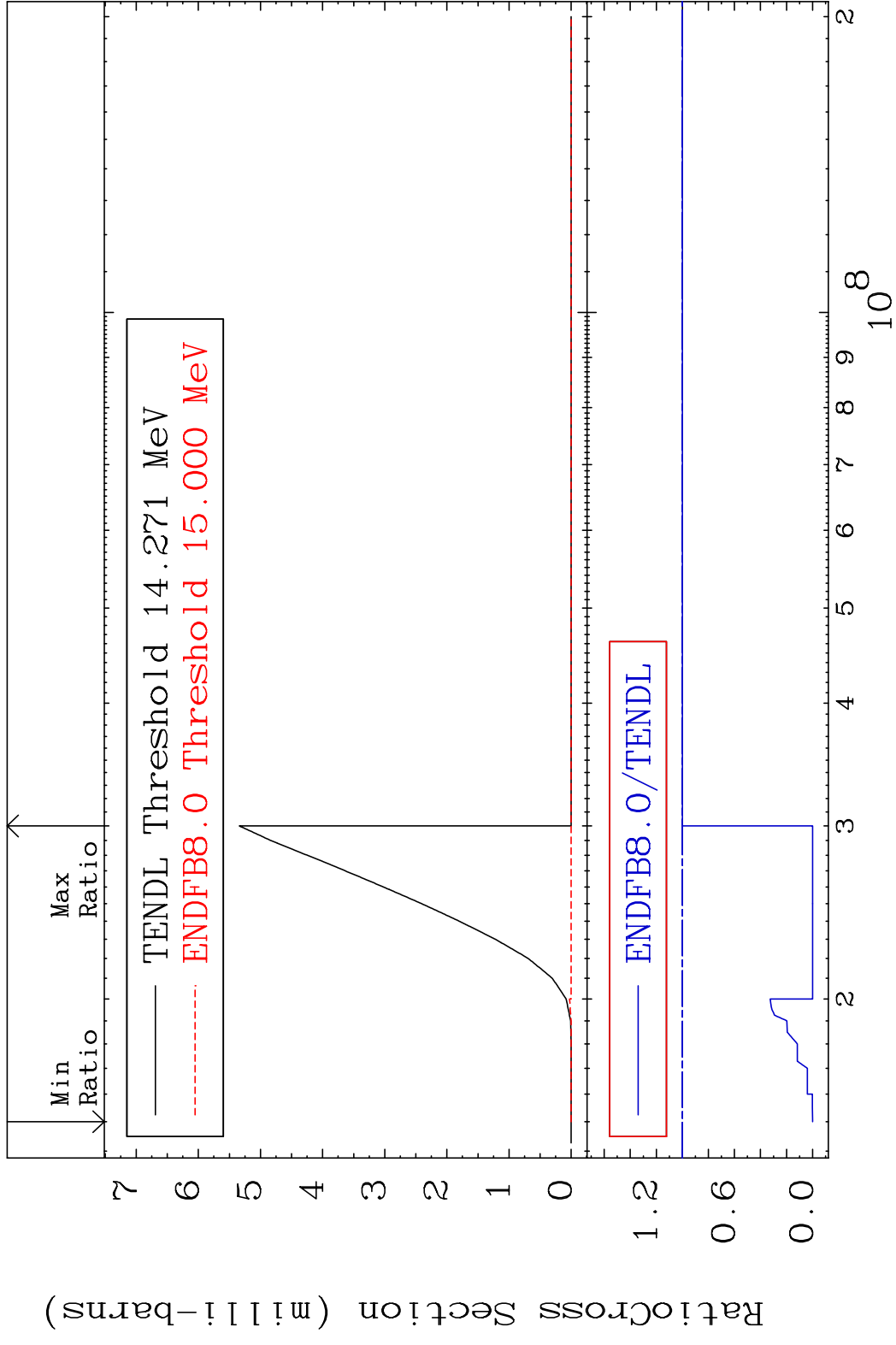
5      Incident Energy (eV)      20-Ca-48

MAT 2049 (n,3n) 20-Ca-48  
 Cross Section -100.0 To 17.48 %



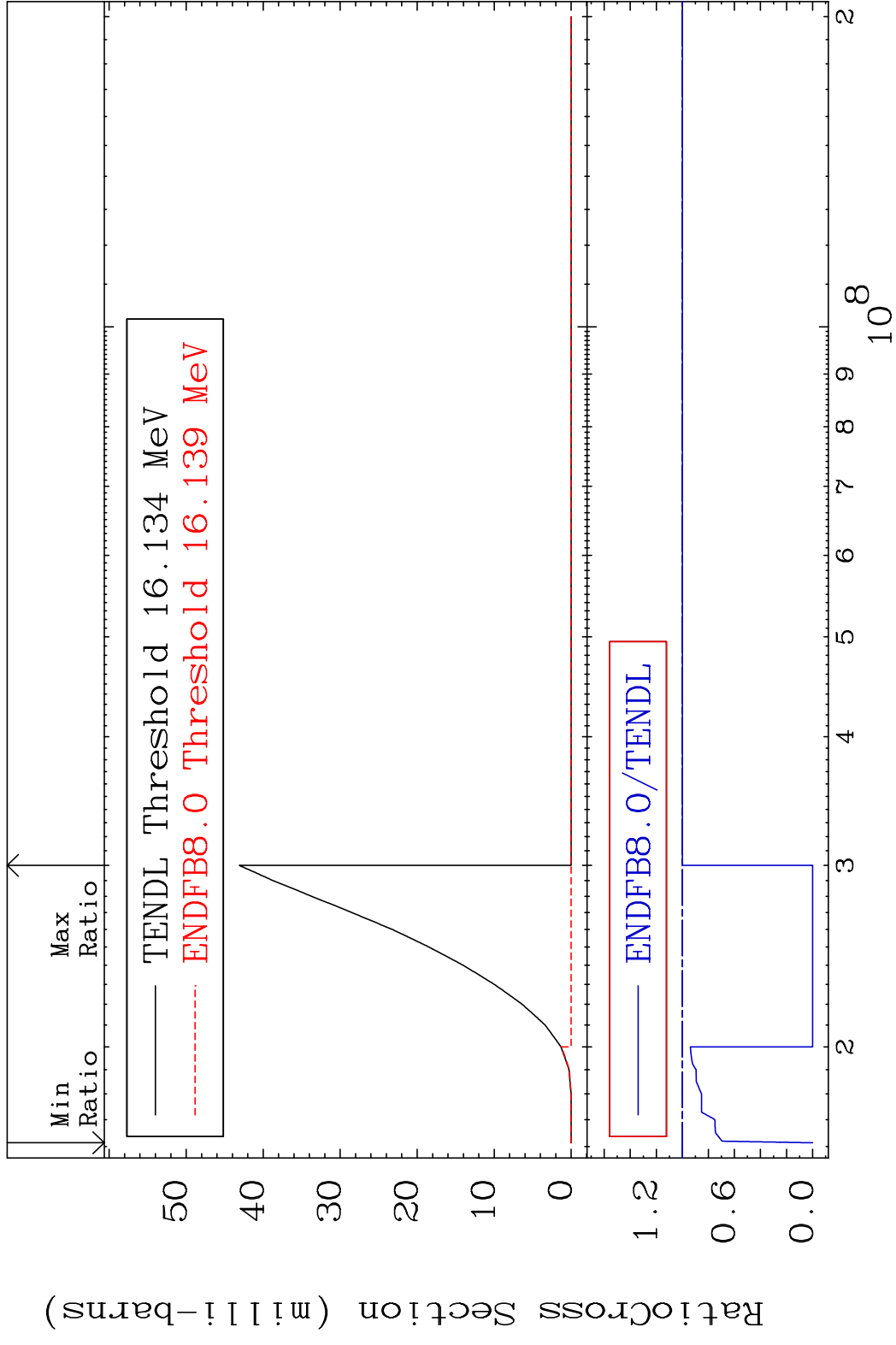
6 Incident Energy (eV) 20-Ca-48

MAT 2049 (n, n')  $\alpha$  20-Ca-48  
 Cross Section -100.0 To 0.000 %



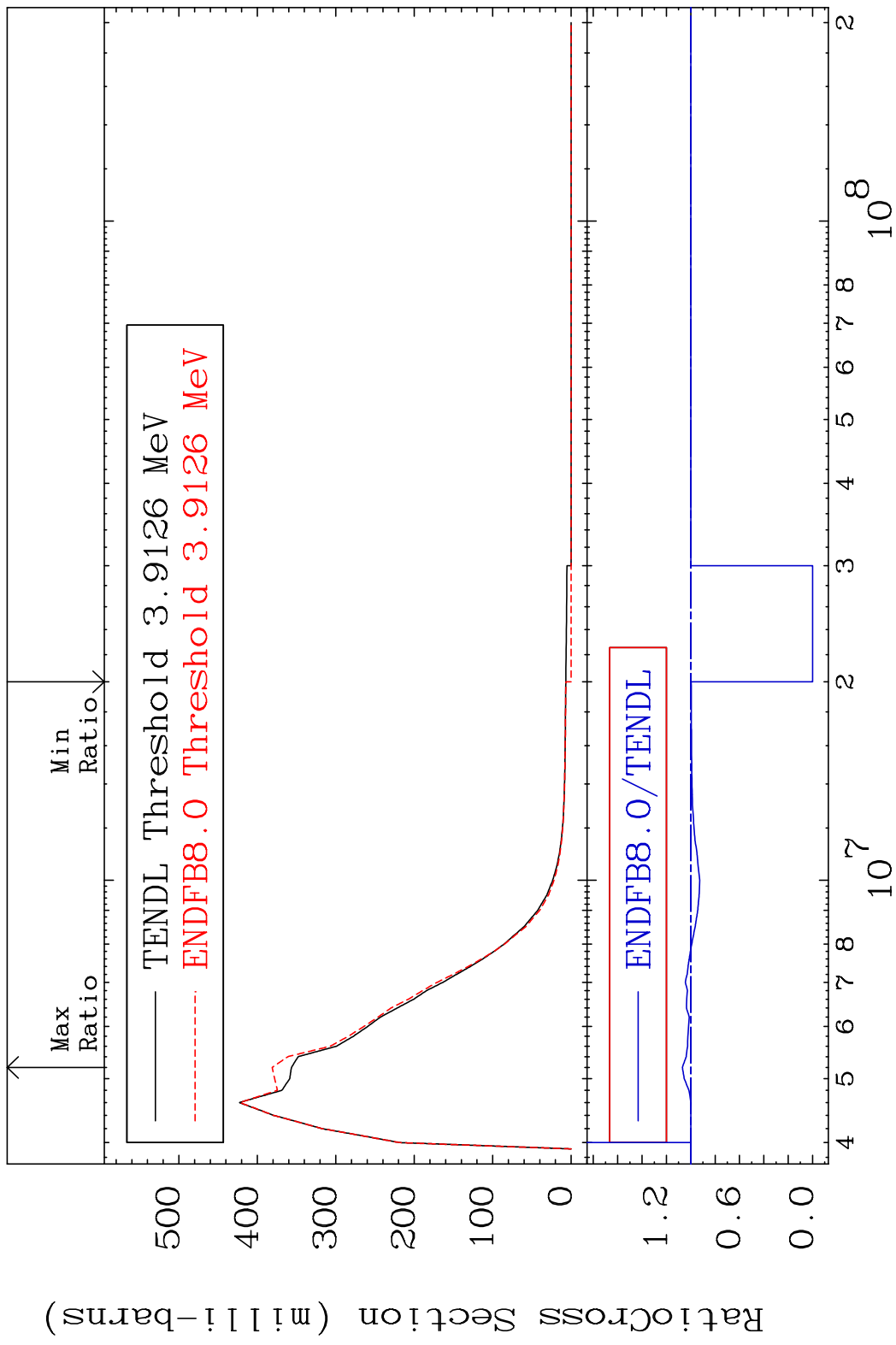


MAT 2049 (n, n') p 20-Ca-48  
 Cross Section -100.0 To 0.000 %



8 Incident Energy (eV) 20-Ca-48

MAT 2049 MT= 51 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 6.906 %

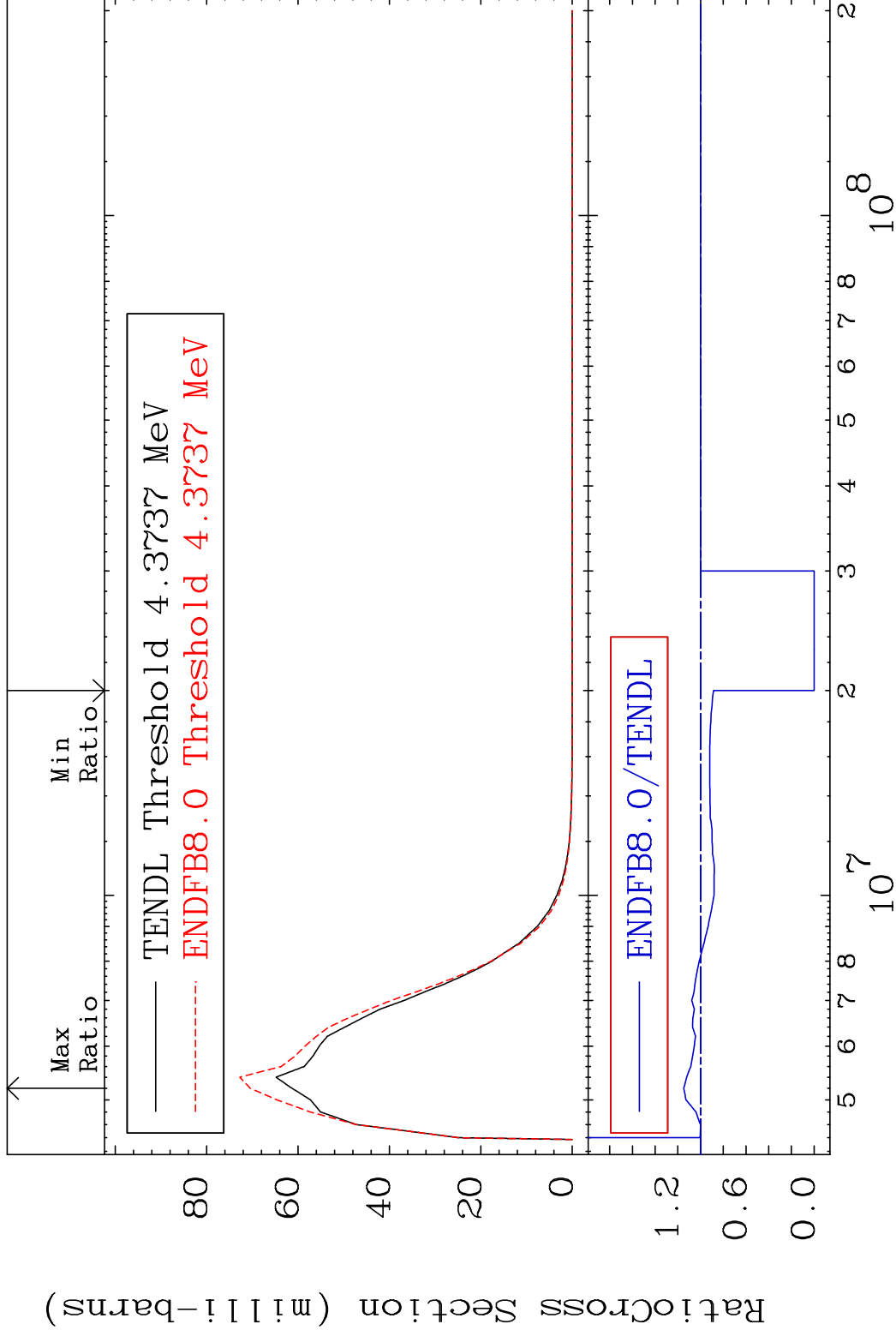


MAT 2049

MT= 52 (n,n') Level

20-Ca-48

Cross Section -100.0 To 14.88 %

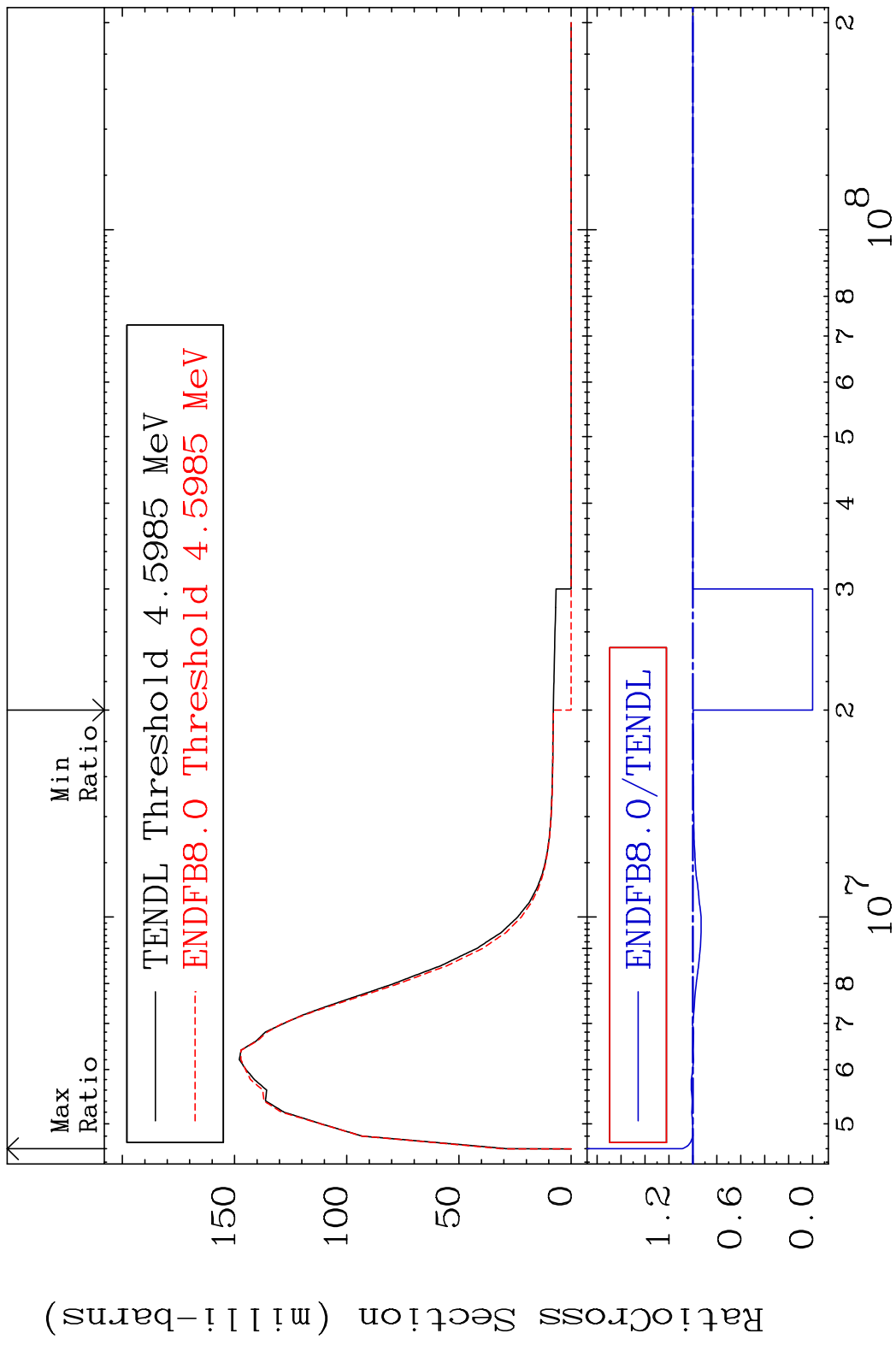


10

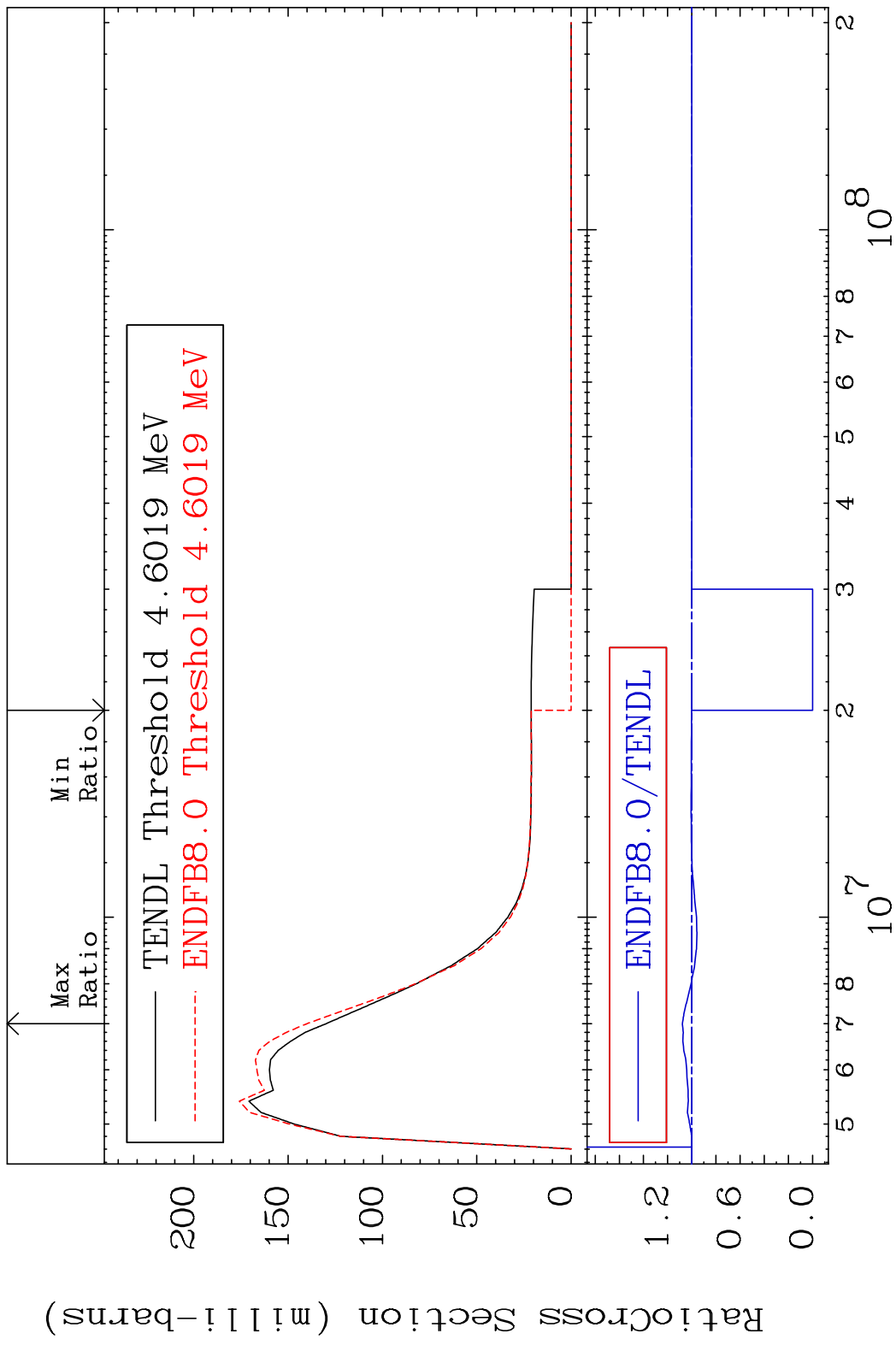
Incident Energy (eV)

20-Ca-48

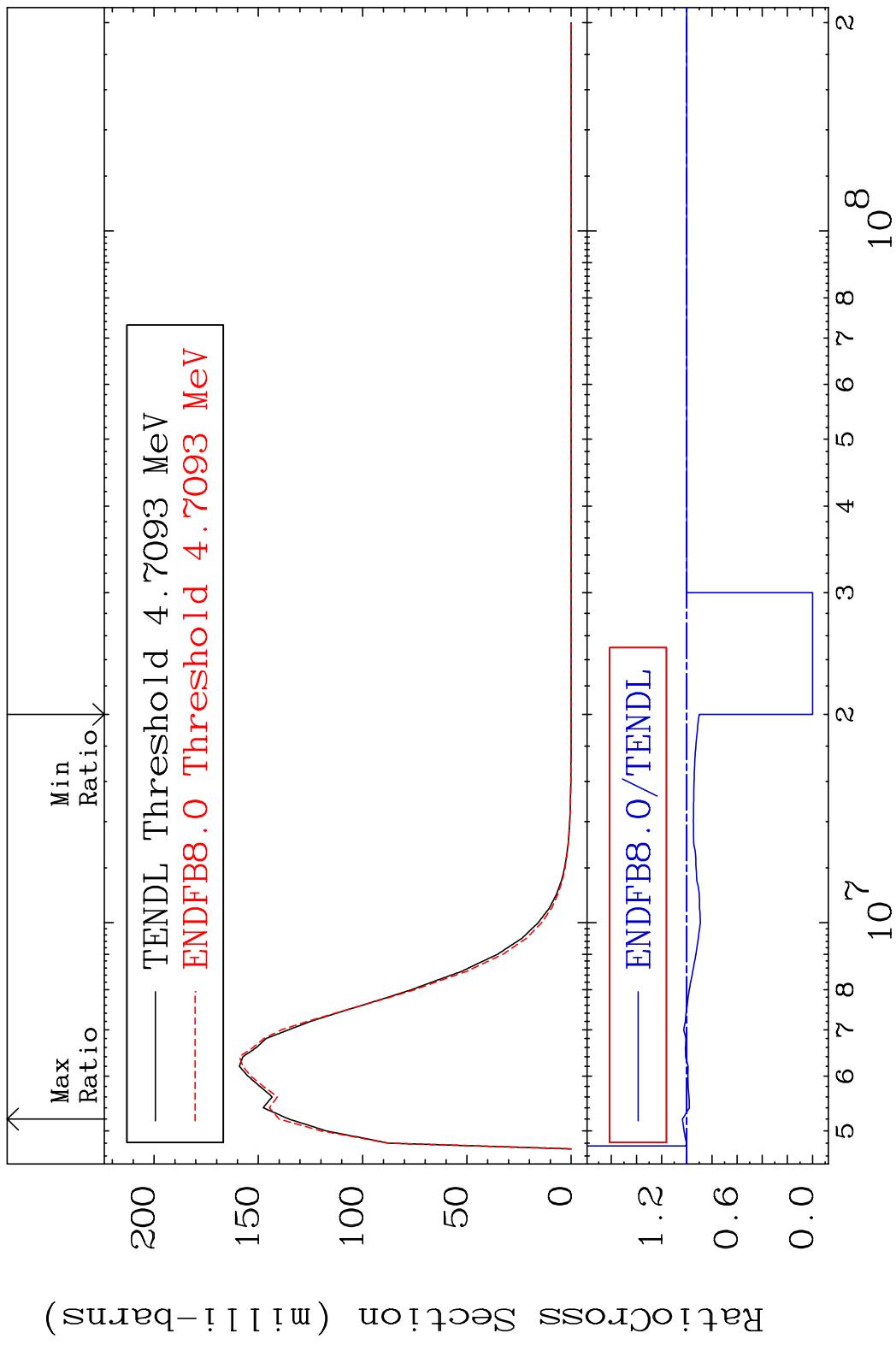
MAT 2049 MT= 53 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 8.807 %



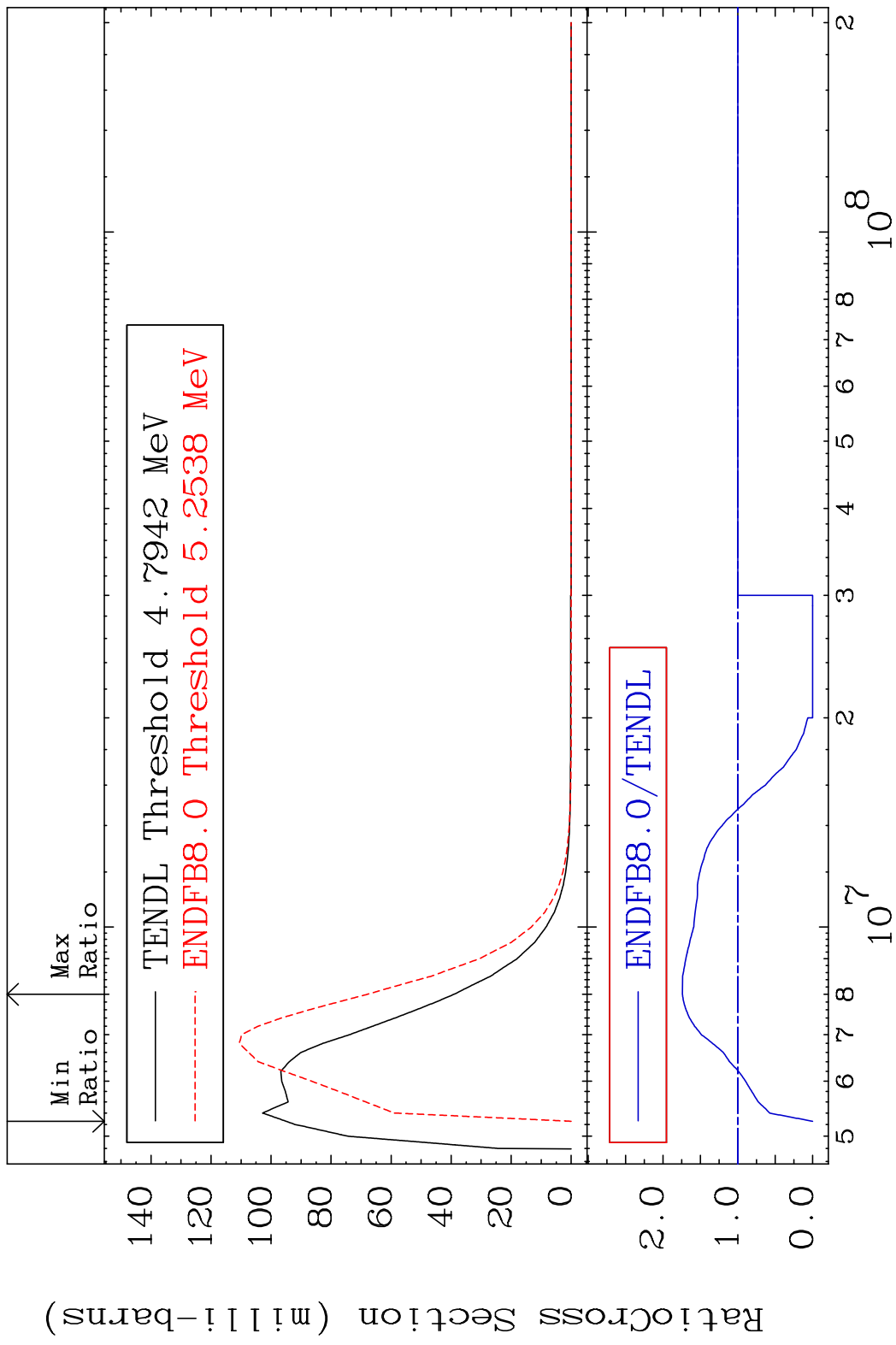
MAT 2049 MT= 54 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 7.818 %



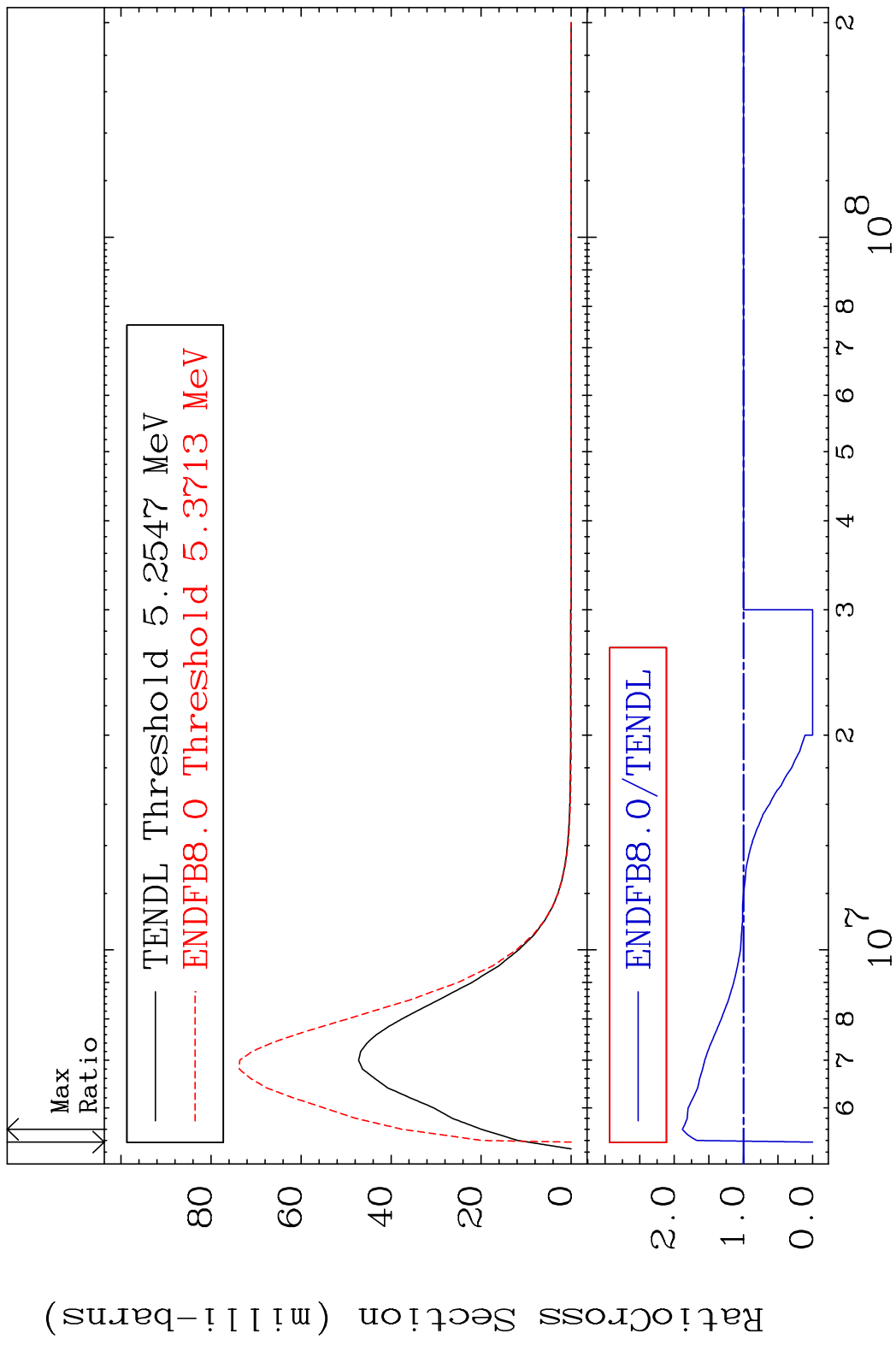
MAT 2049 MT= 55 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 3.521 %



MAT 2049 MT= 56 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 74.04 %

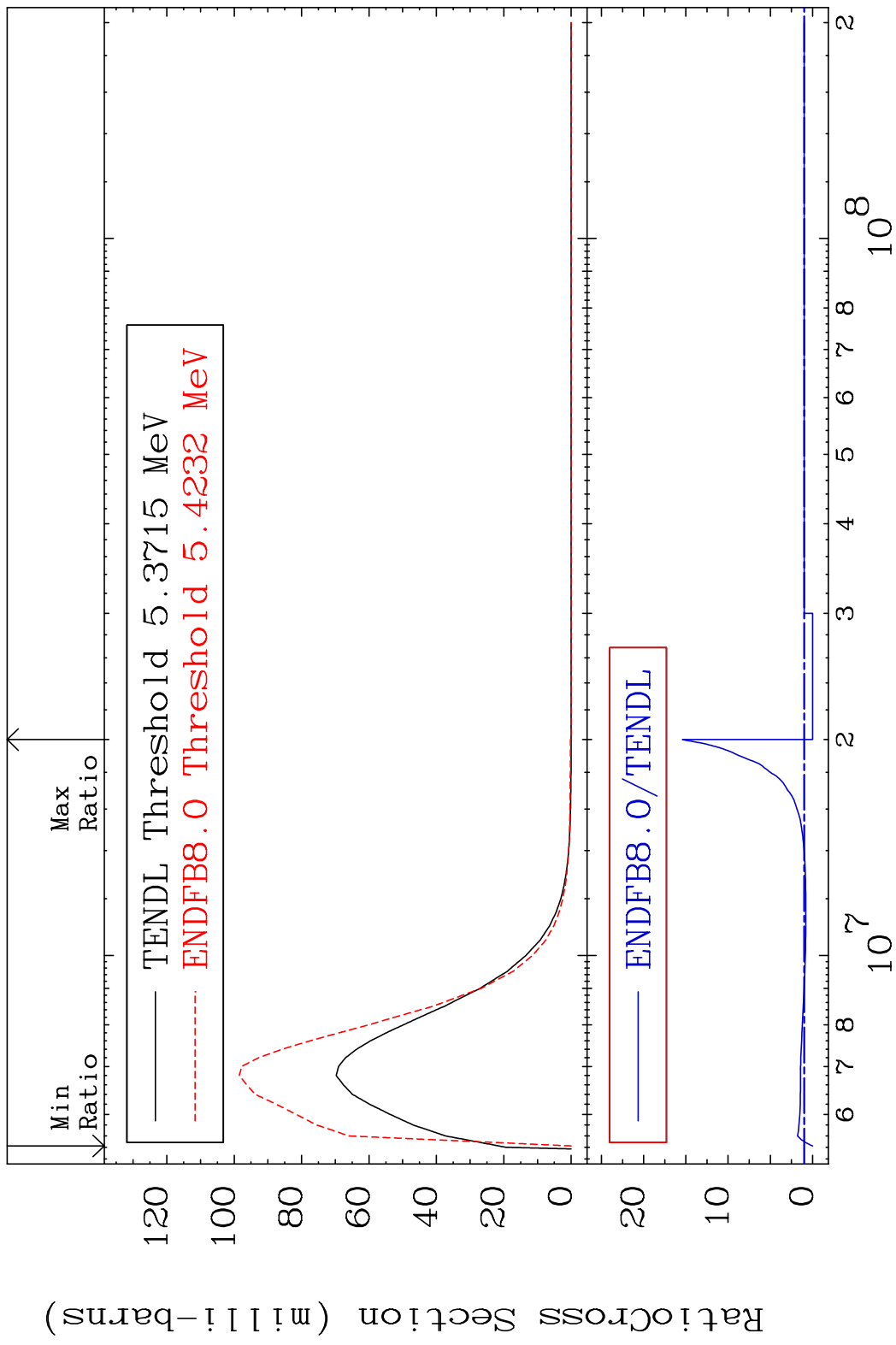


MAT 2049 MT= 57 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 88.29 %

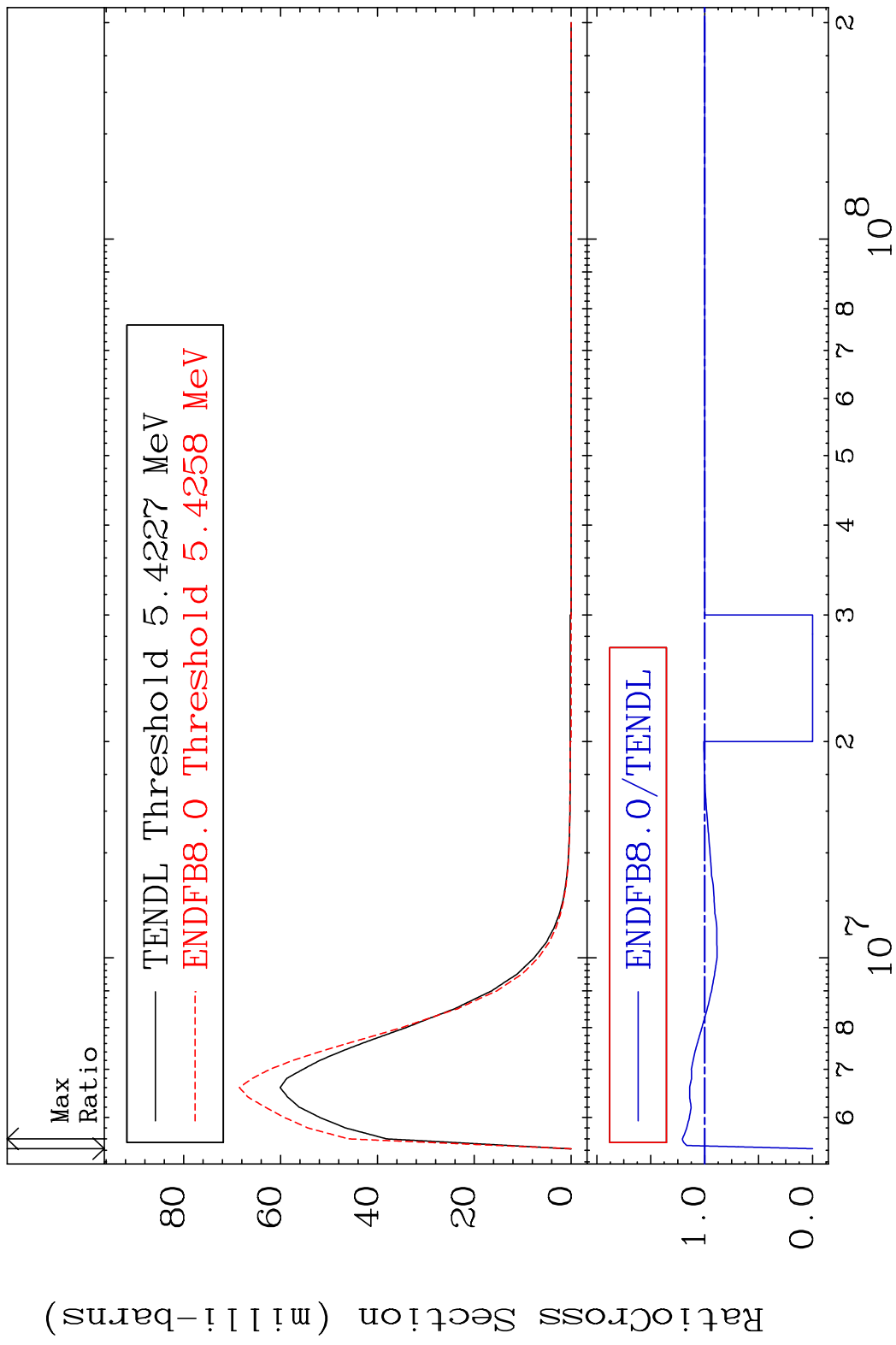




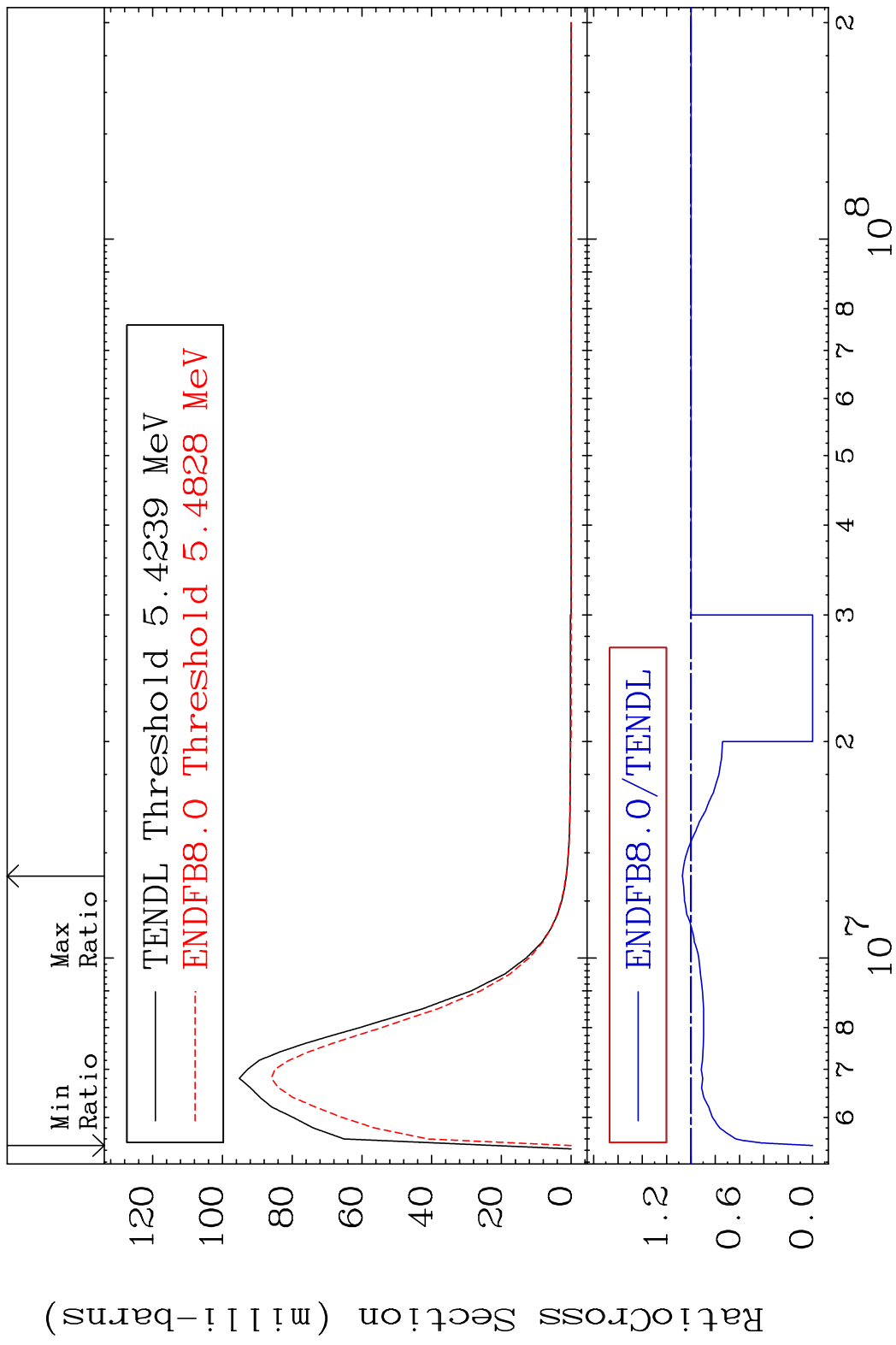
MAT 2049 MT= 58 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 1442. %



MAT 2049 MT= 59 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 20.70 %

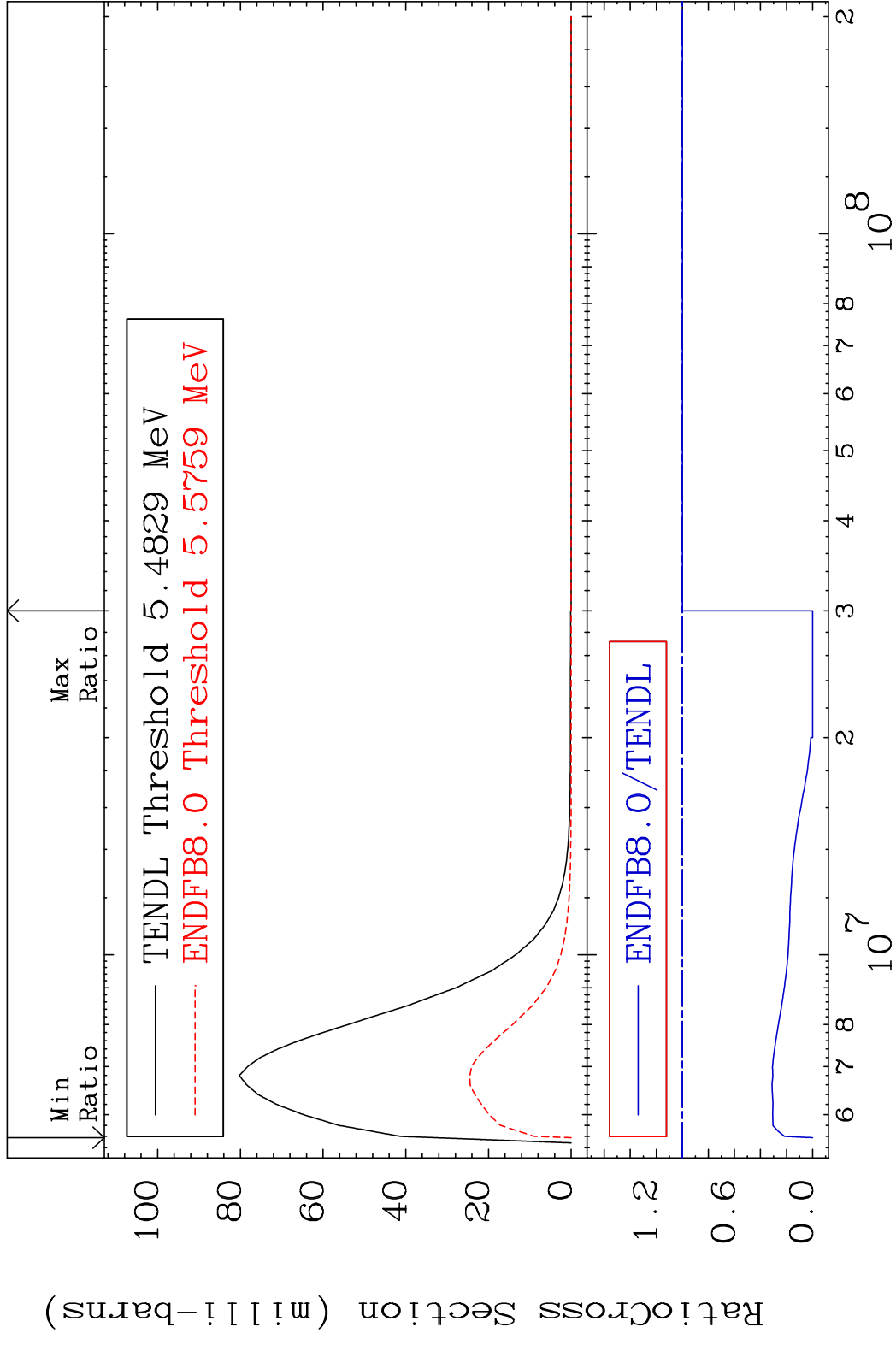


MAT 2049 MT= 60 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 7.069 %

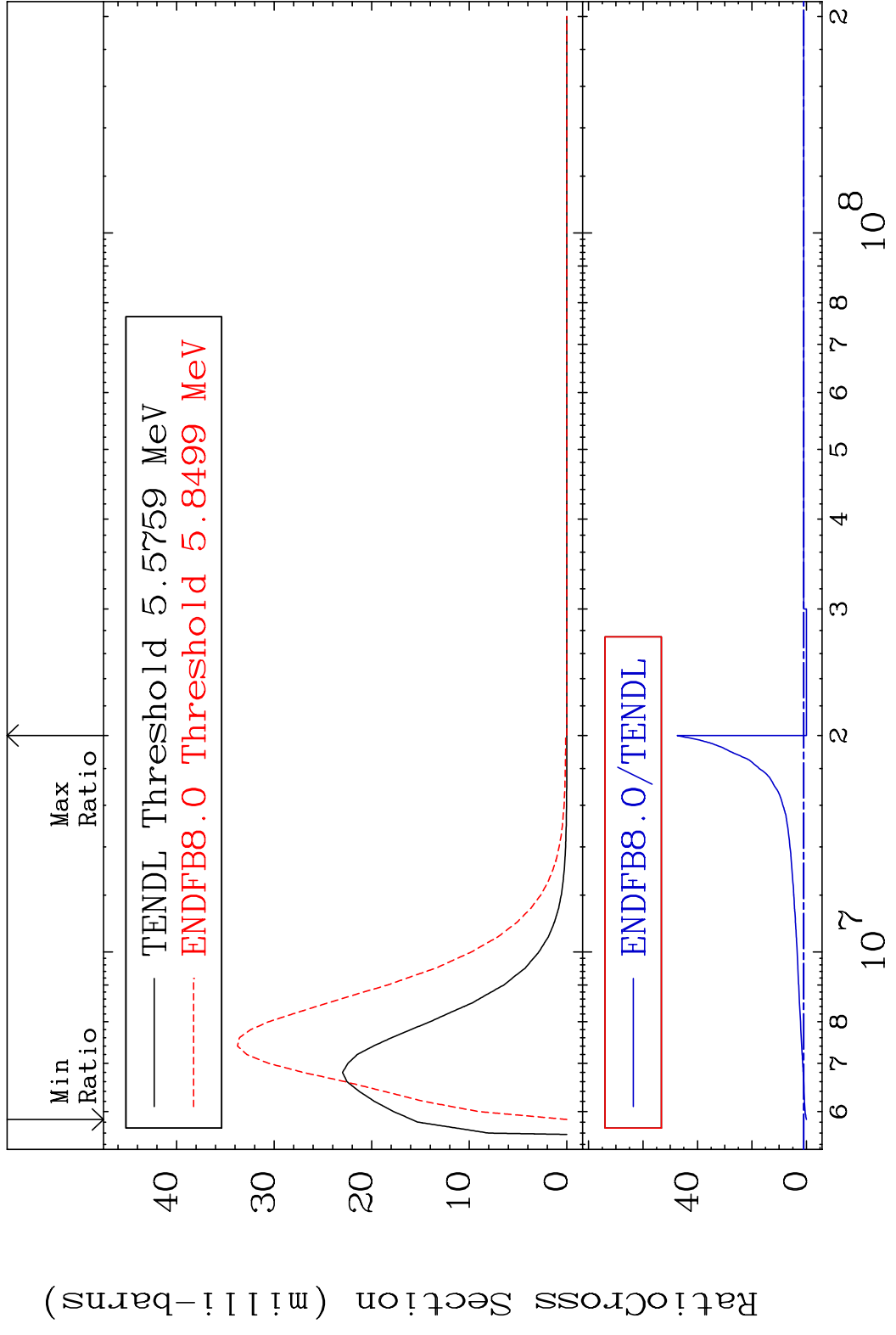


18 20-Ca-48

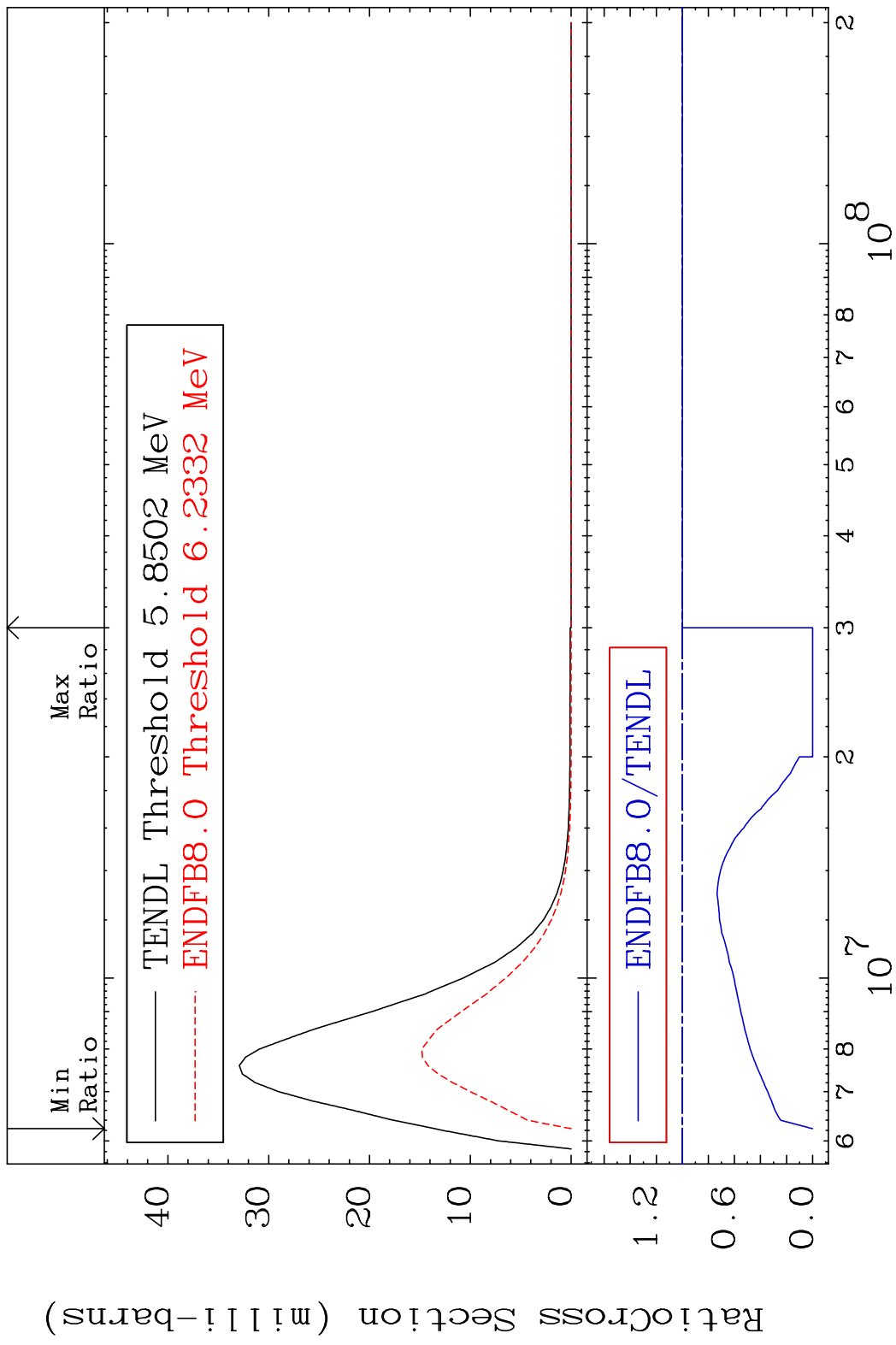
MAT 2049 MT= 61 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 0.000 %



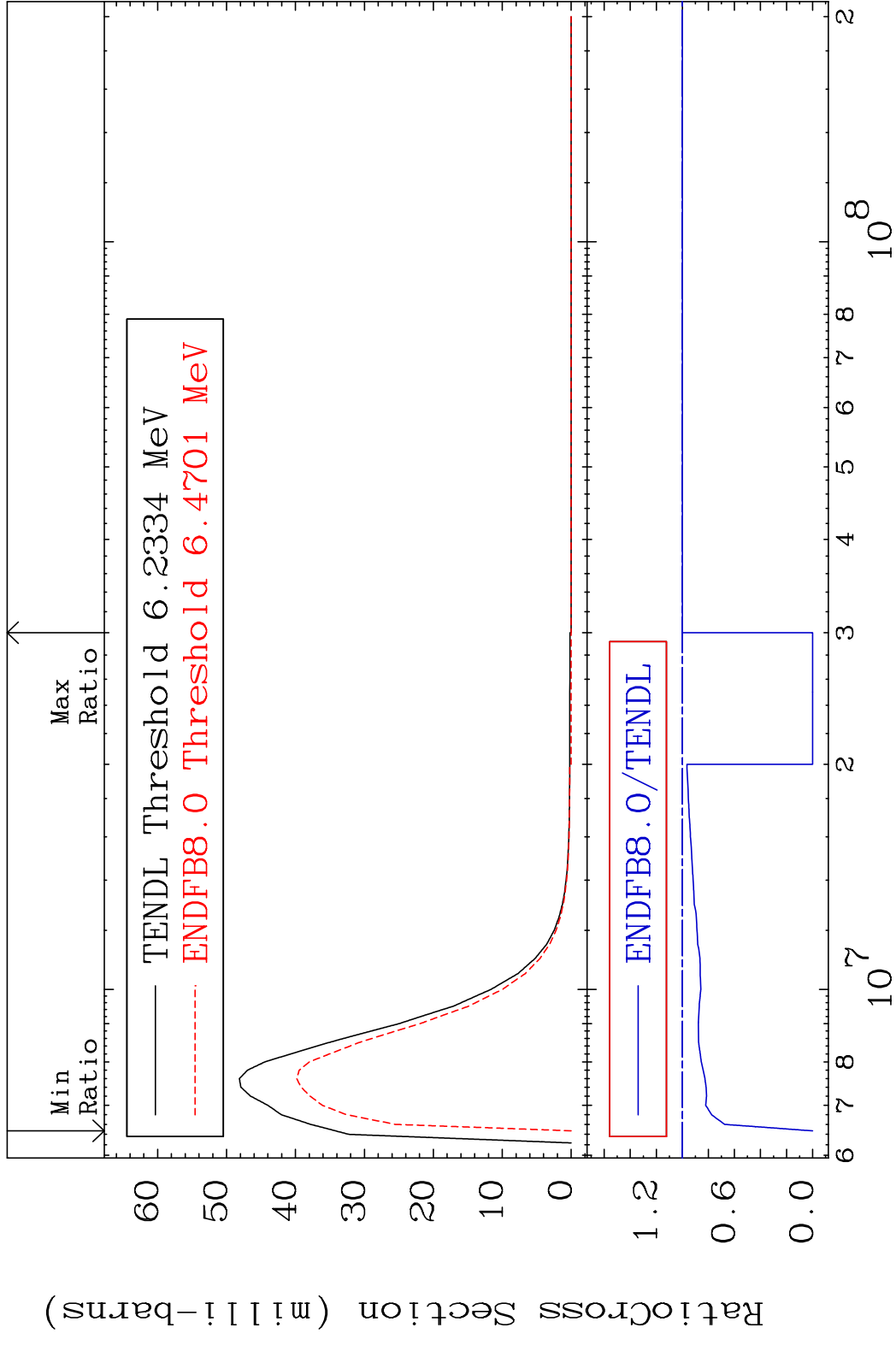
MAT 2049 MT= 62 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 4646. %



MAT 2049 MT= 63 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 0.000 %

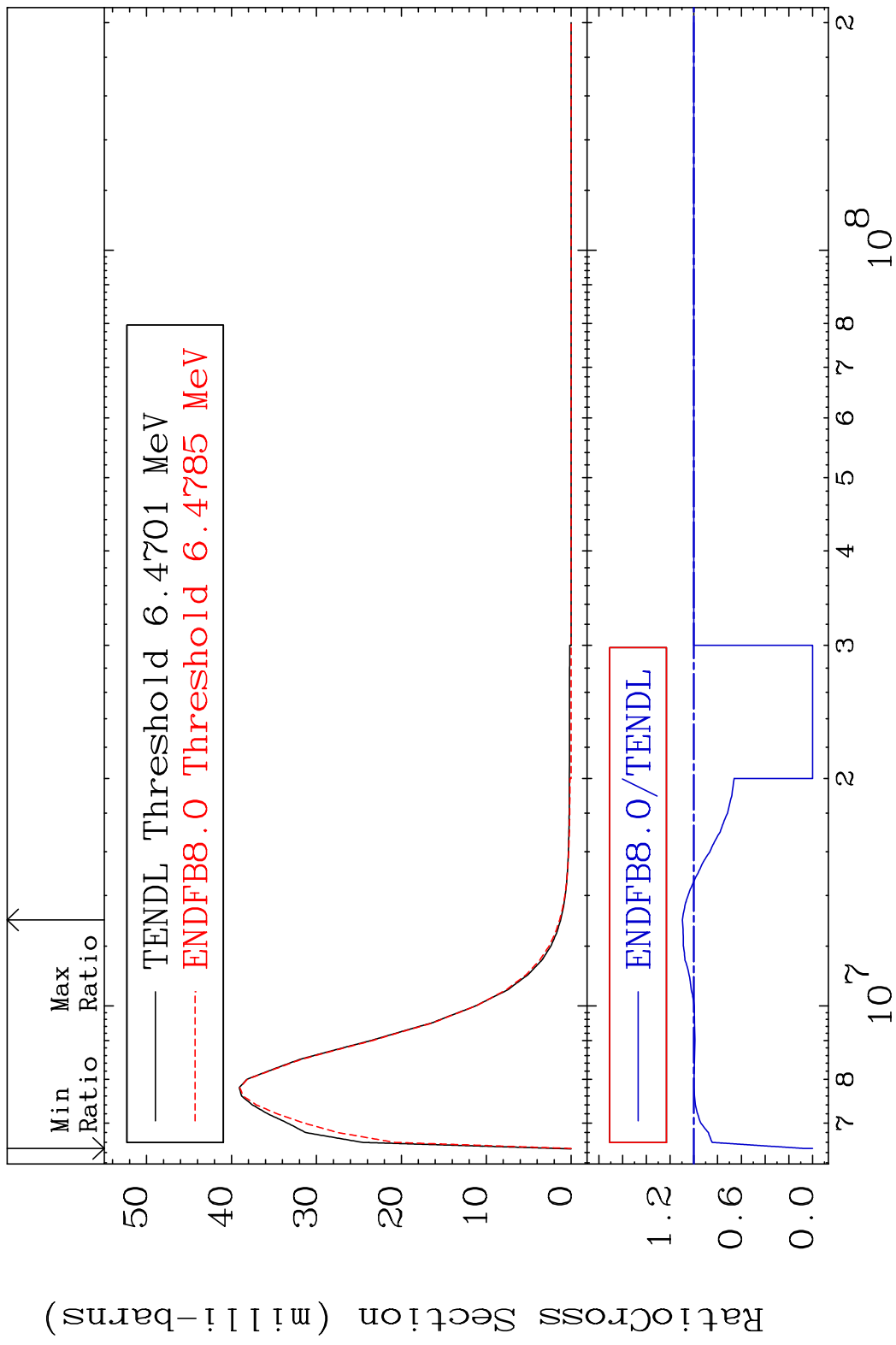


MAT 2049 MT= 64 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 0.000 %



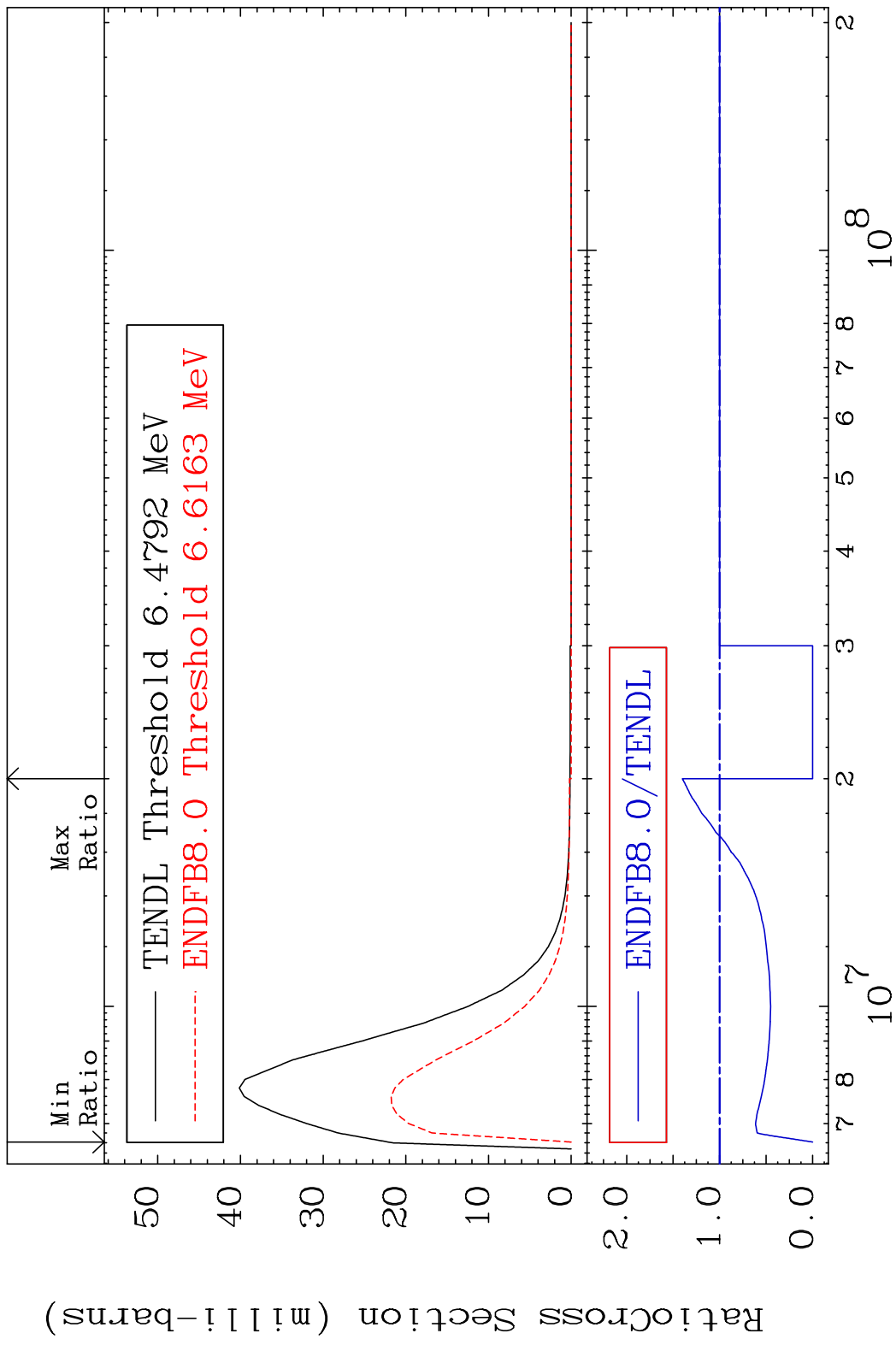
22 Incident Energy (eV) 20-Ca-48

MAT 2049 MT= 65 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 9.702 %

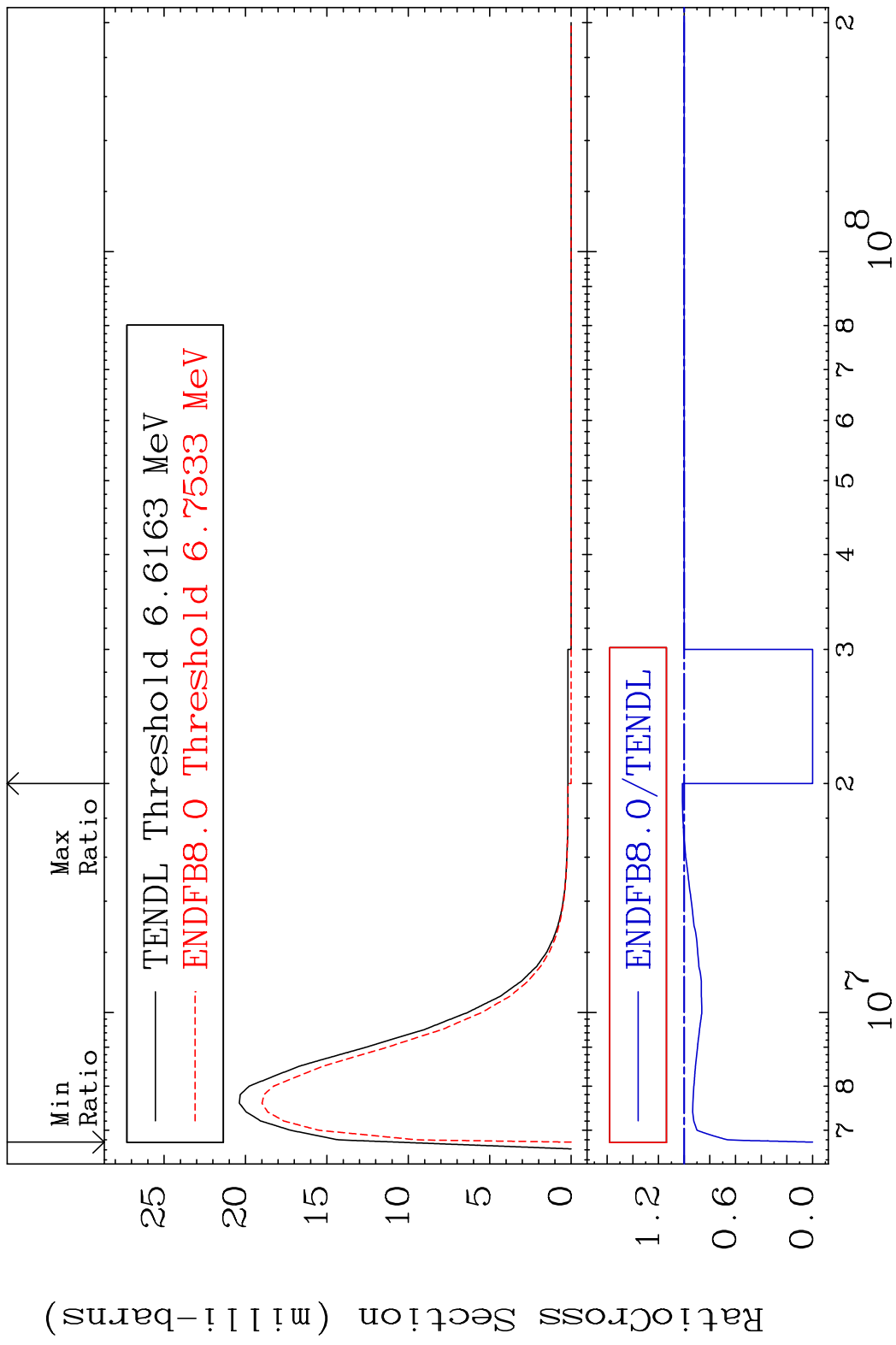




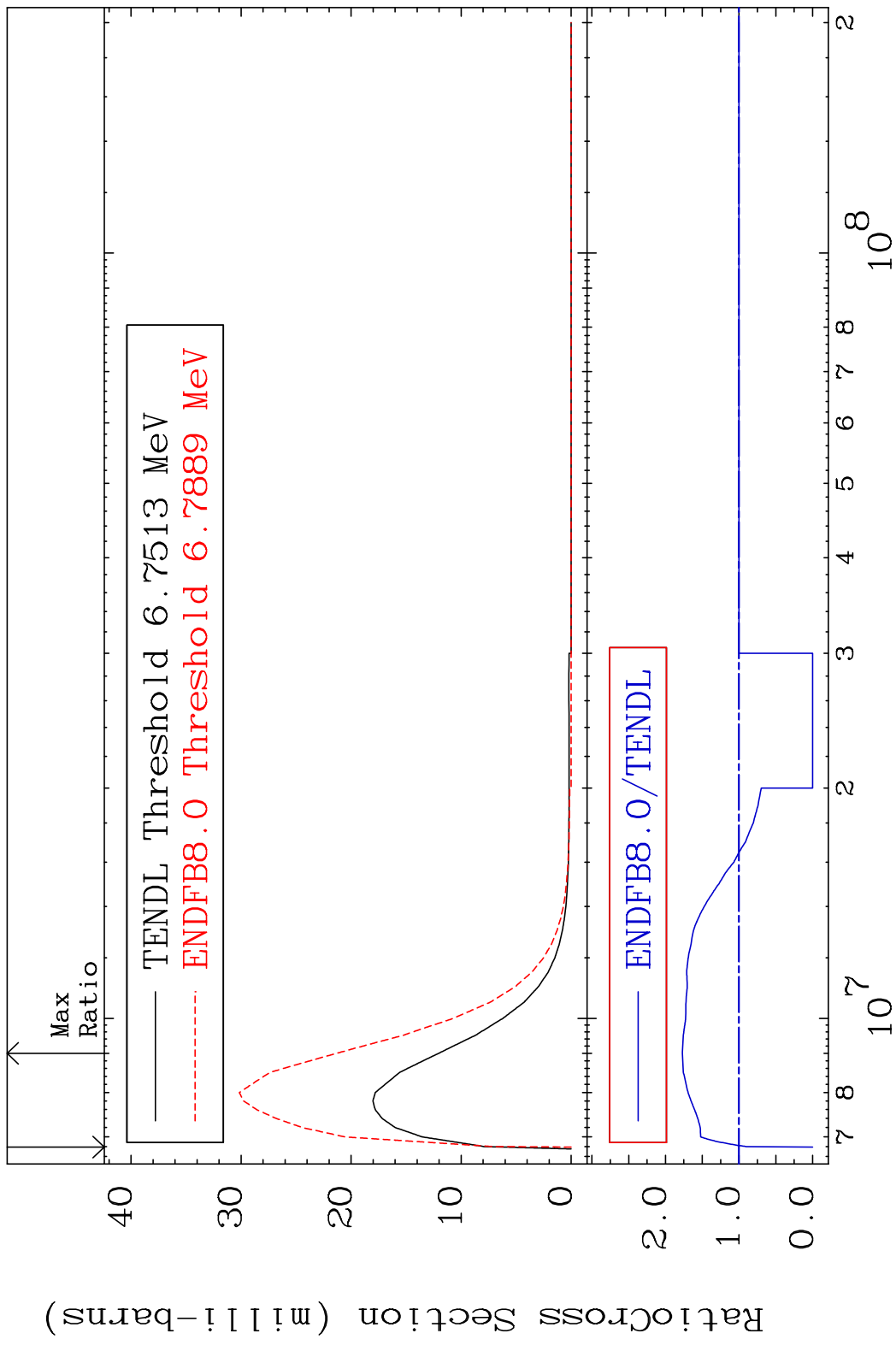
MAT 2049 MT= 66 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 40.09 %



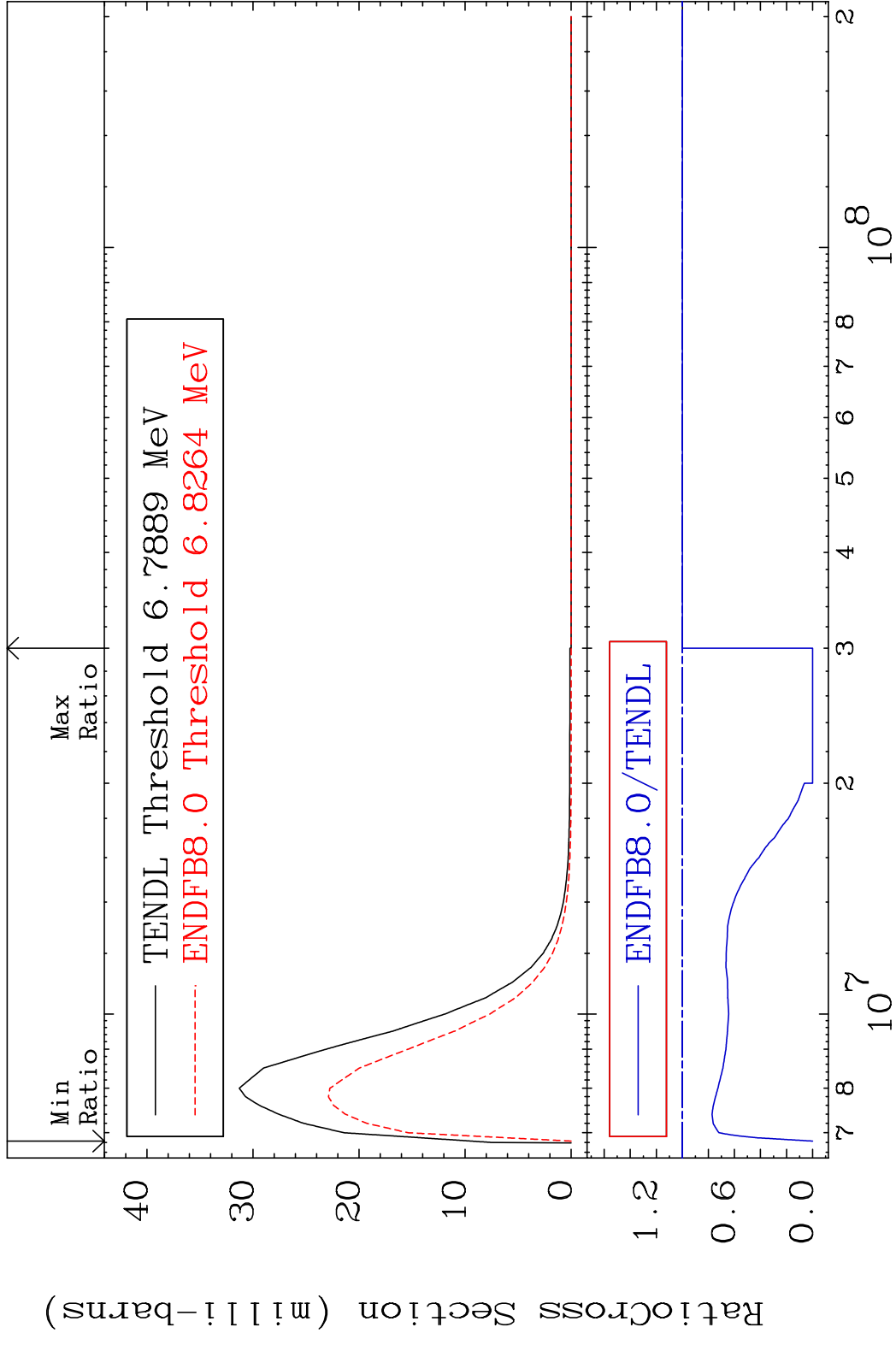
MAT 2049 MT= 67 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 1.414 %



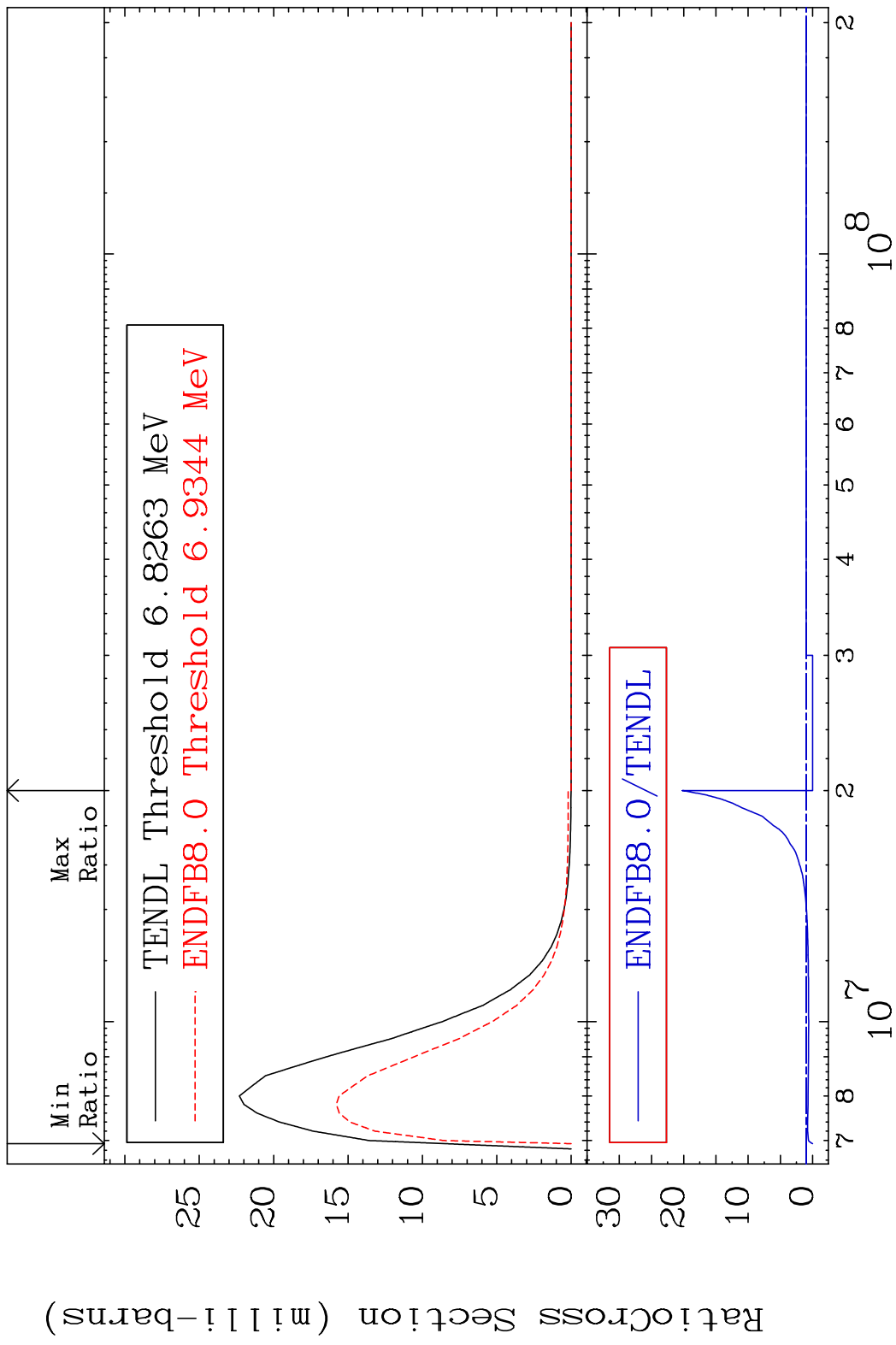
MAT 2049 MT= 68 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 77.06 %



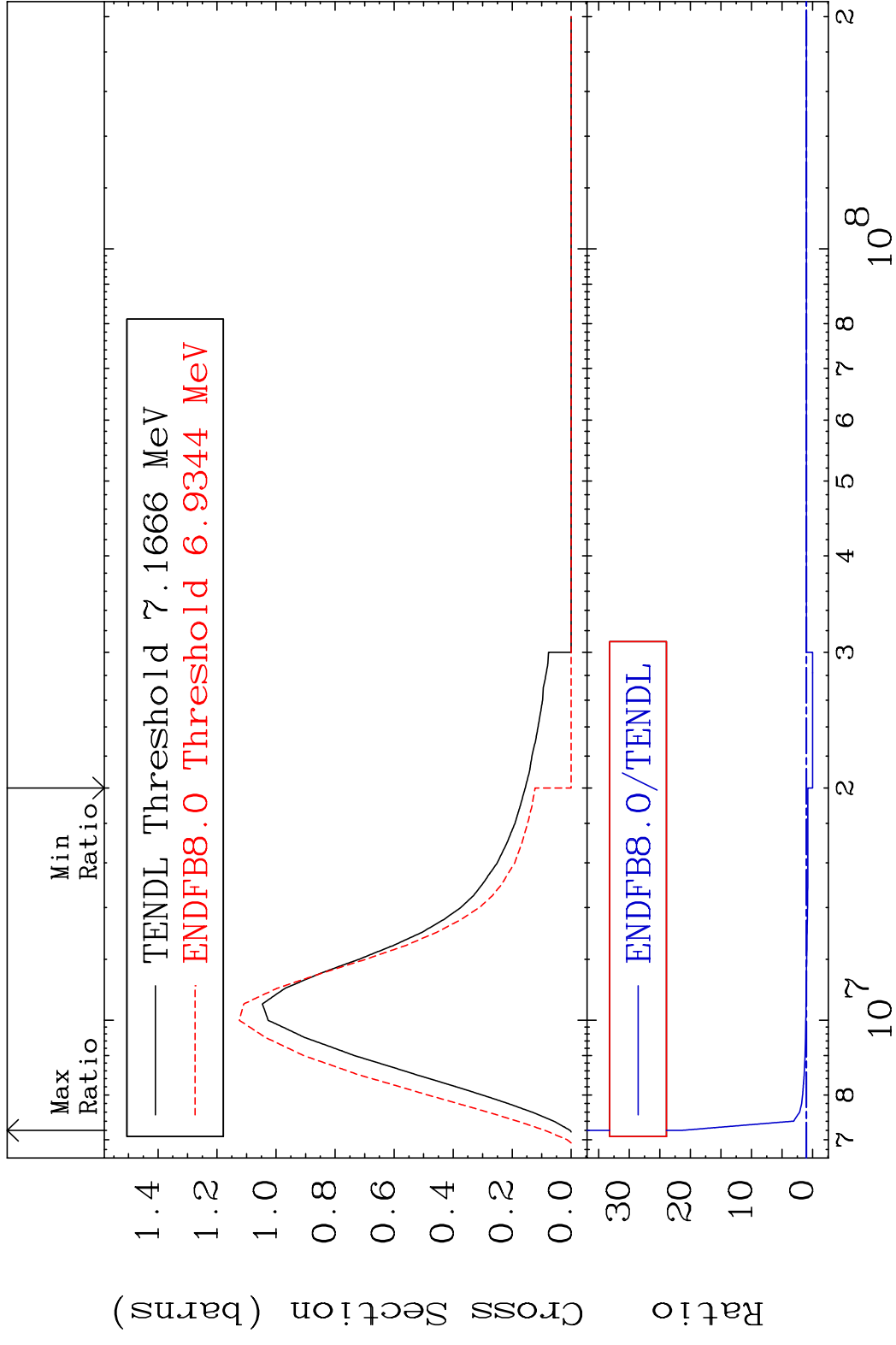
MAT 2049 MT= 69 (n, n') Level 20-Ca-48  
 Cross Section -100.0 To 0.000 %



MAT 2049 MT= 70 (n,n') Level 20-Ca-48  
 Cross Section -100.0 To 1921. %



MAT 2049 (n,n') Continuum 20-Ca-48  
 Cross Section -100.0 To 2030. %

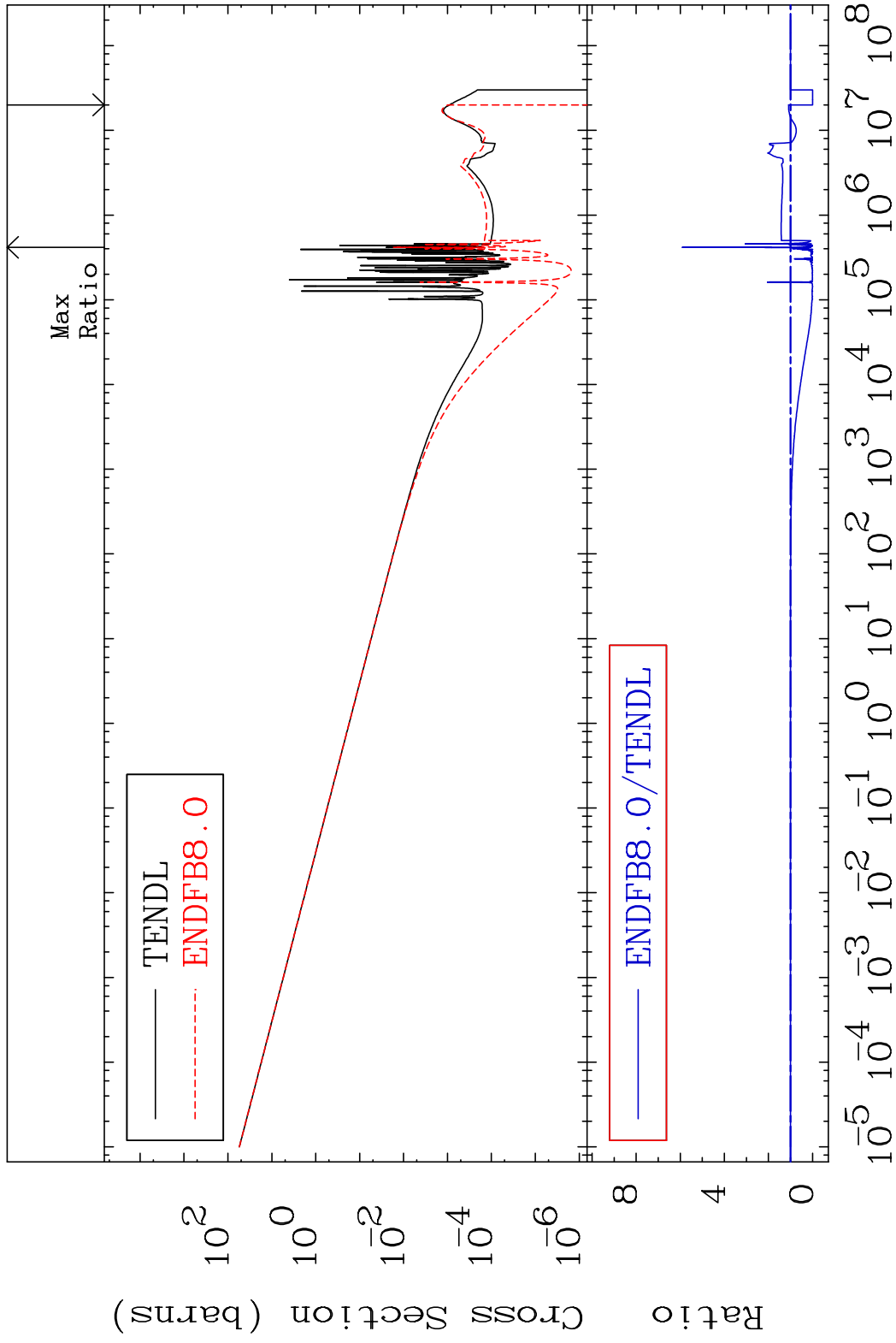


MAT 2049

(n,  $\gamma$ )

20-Ca-48

Cross Section -100.0 To 490.5 %

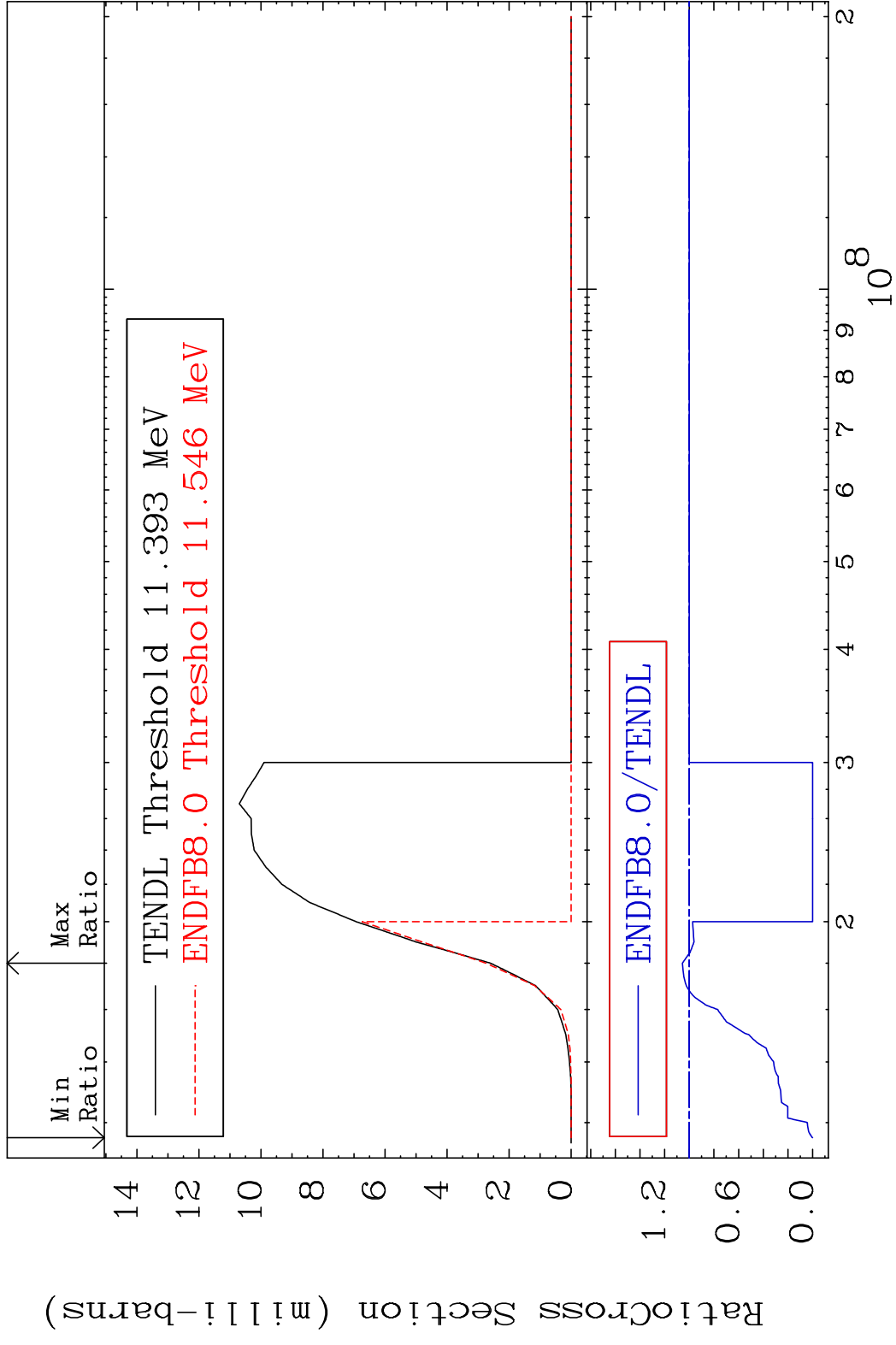


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Incident Energy (eV)

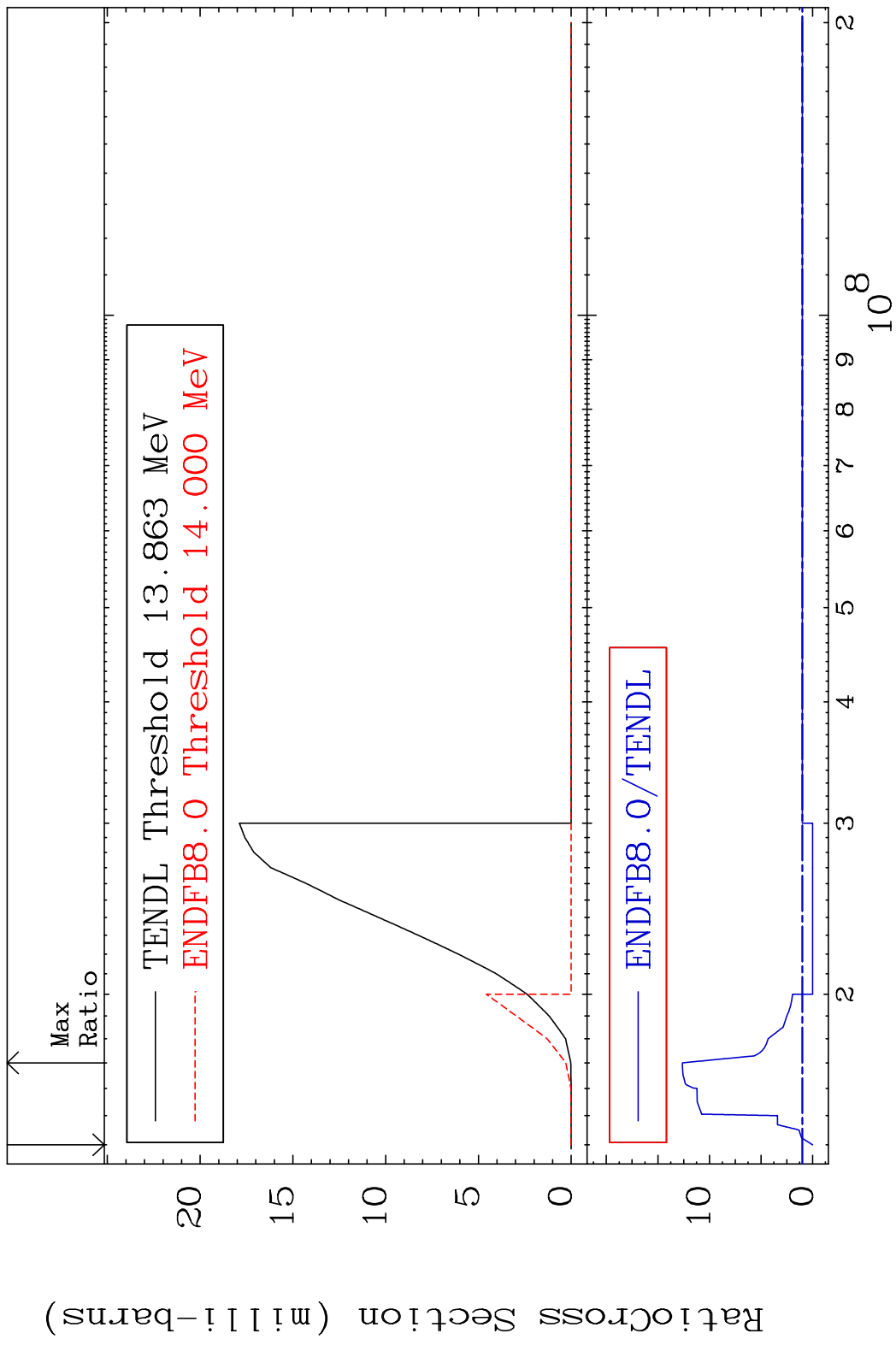
20-Ca-48

MAT 2049 (n,p) 20-Ca-48  
 Cross Section -100.0 To 5.649 %



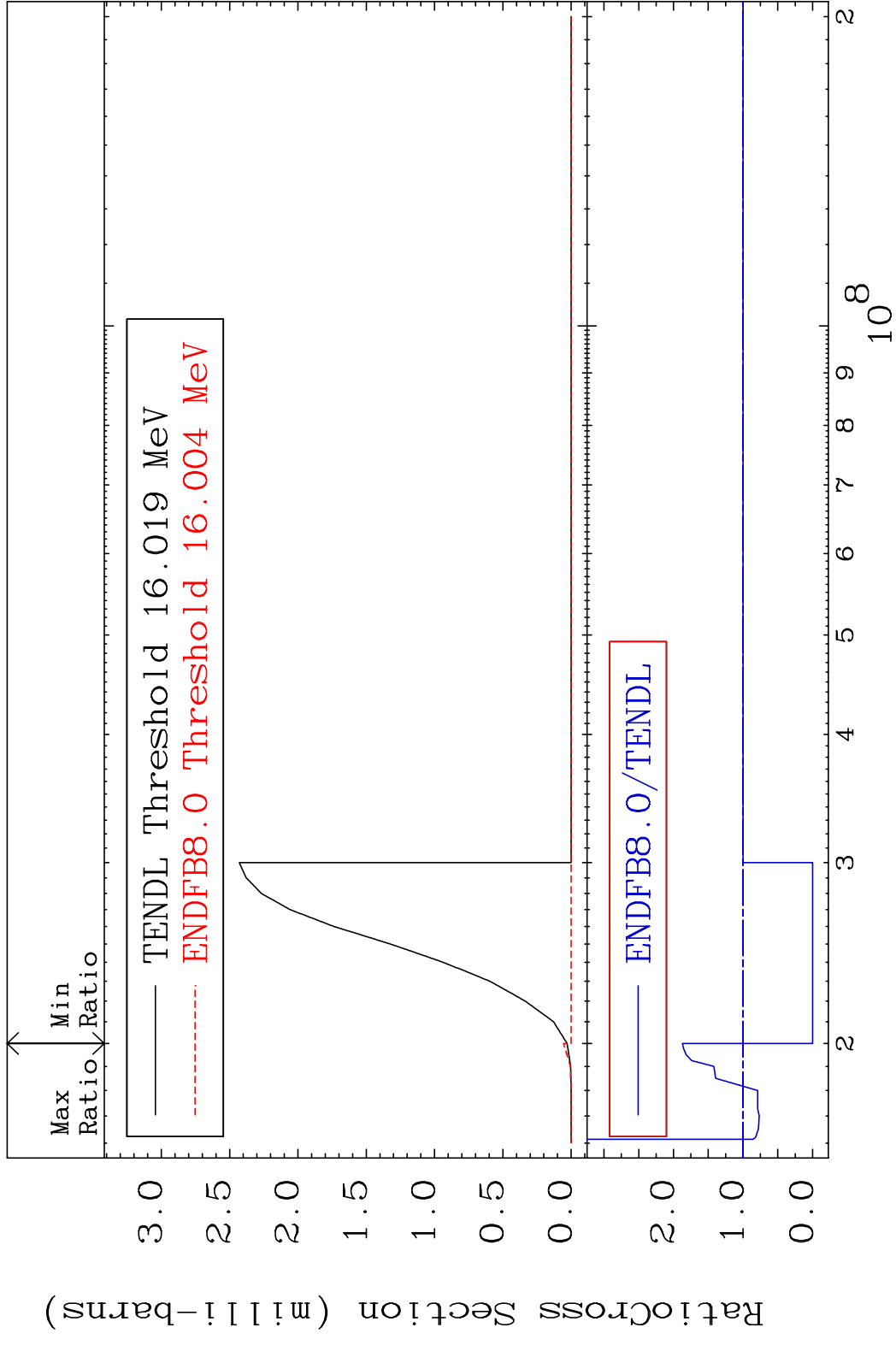


MAT 2049 (n,d) 20-Ca-48  
 Cross Section -100.0 To 1163. %

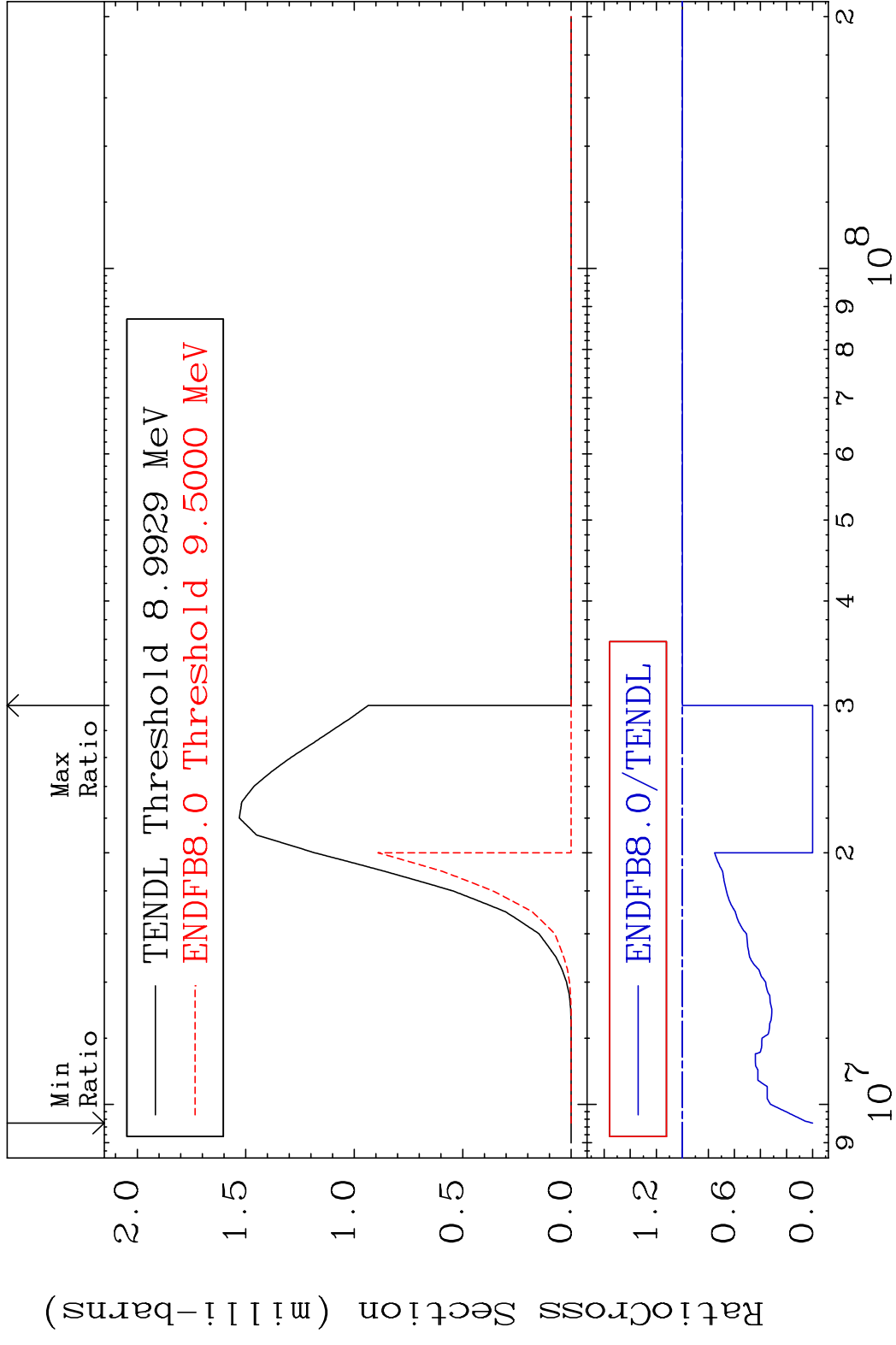


32 Incident Energy (eV) 20-Ca-48

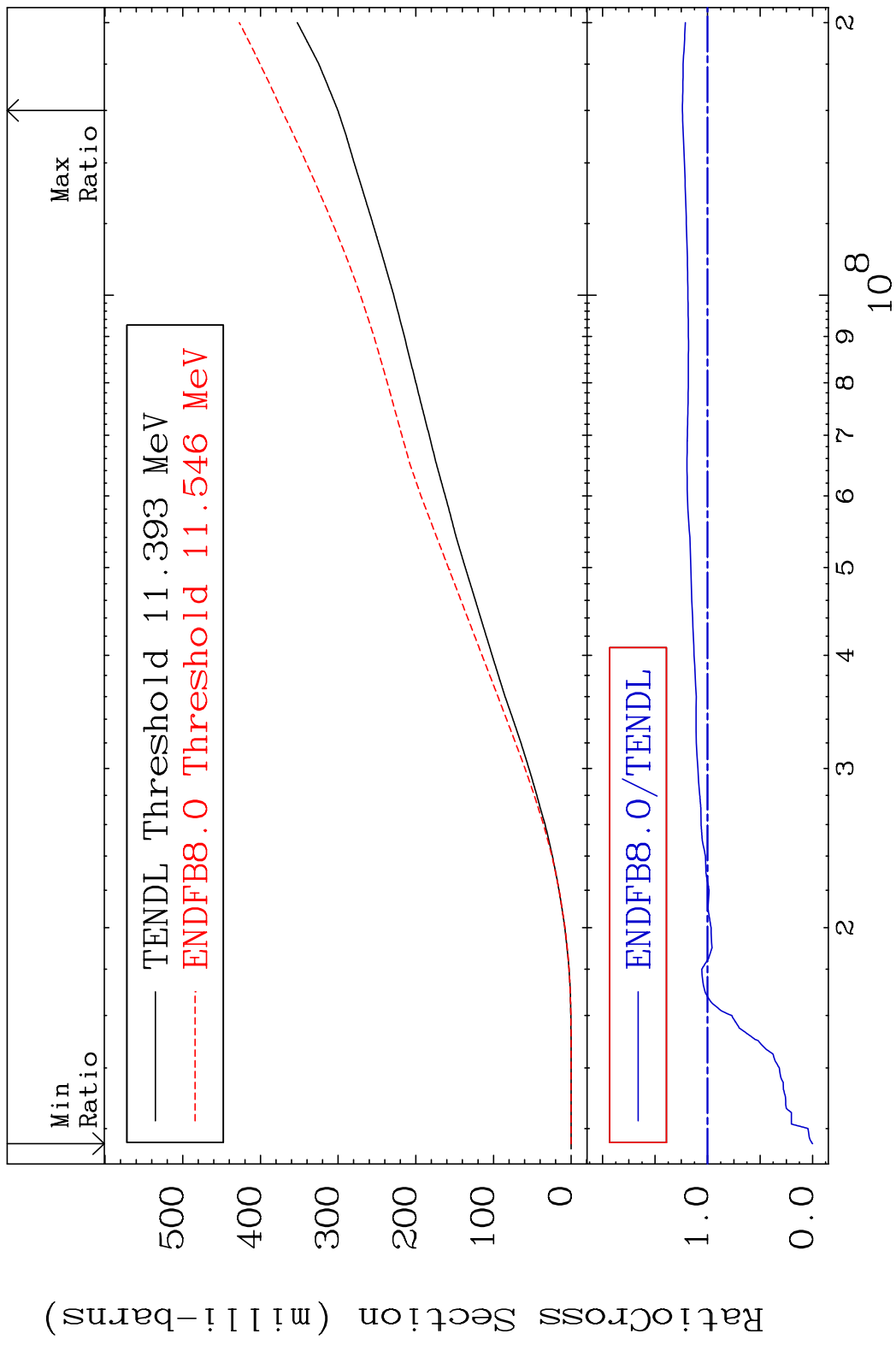
MAT 2049 (n, t) 20-Ca-48  
 Cross Section -100.0 To 87.28 %



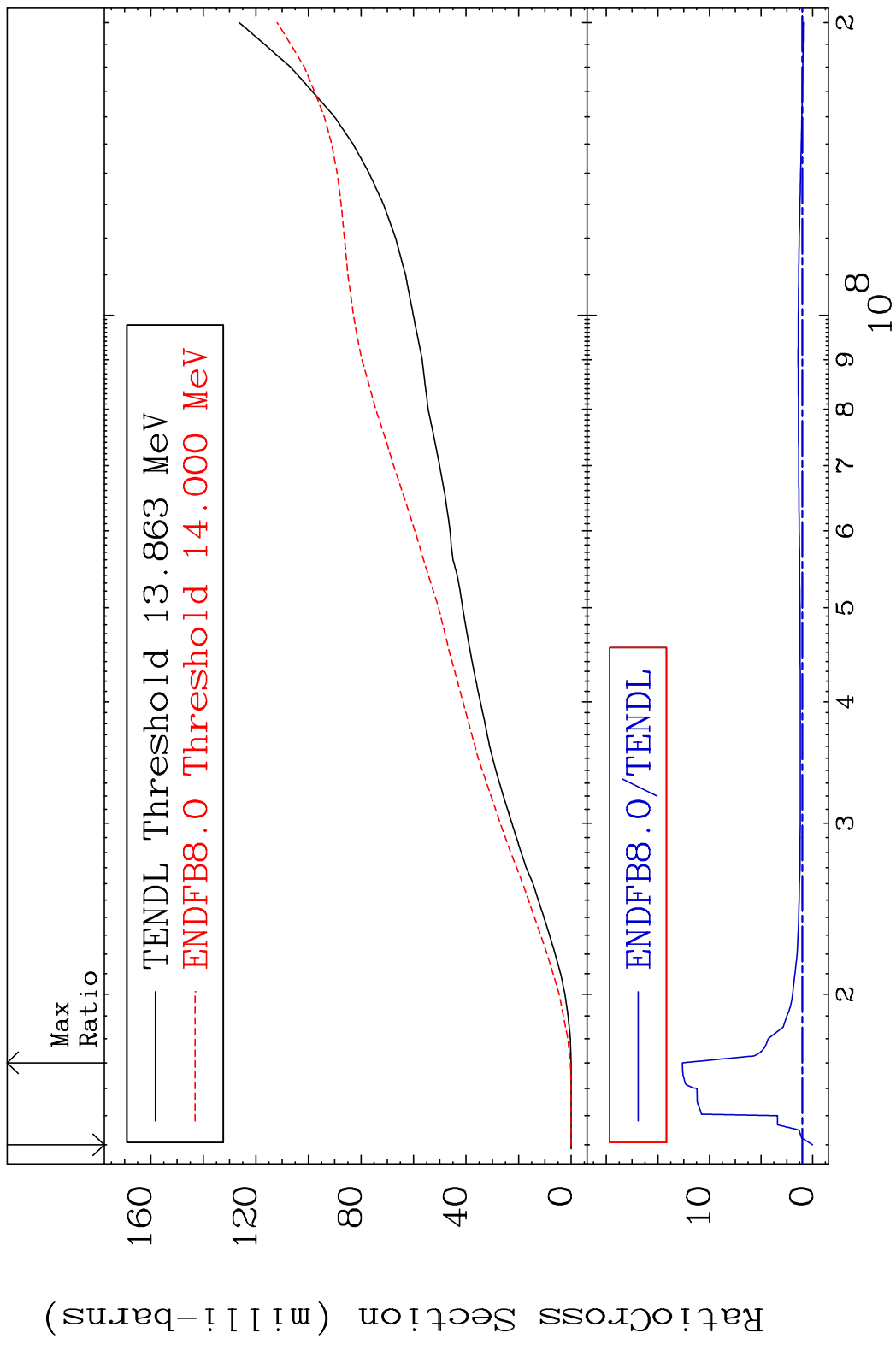
MAT 2049 (n,  $\alpha$ ) 20-Ca-48  
 Cross Section -100.0 To 0.000 %



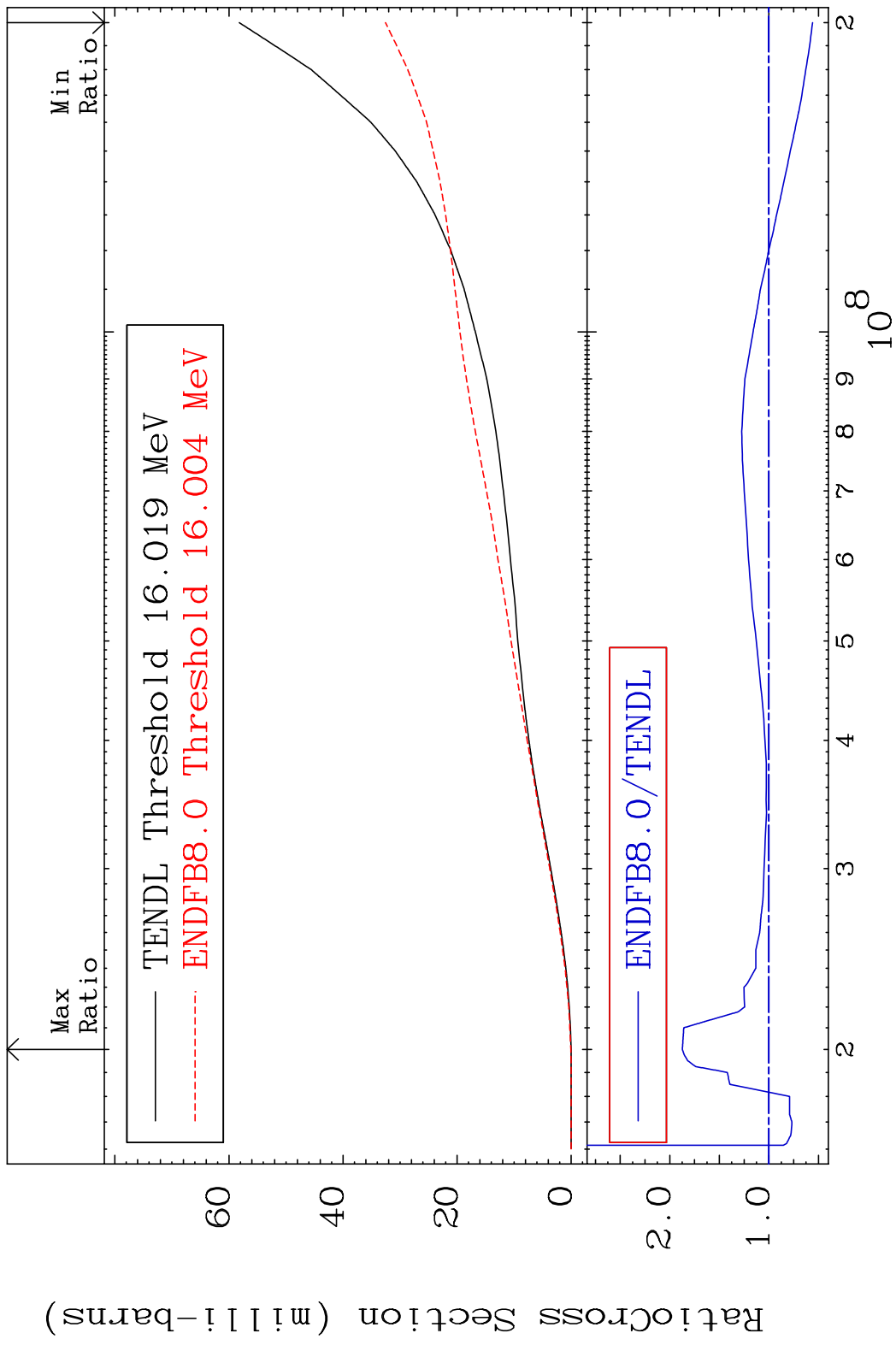
MAT 2049 Hydrogen Production 20-Ca-48  
 Cross Section -100.0 To 24.02 %



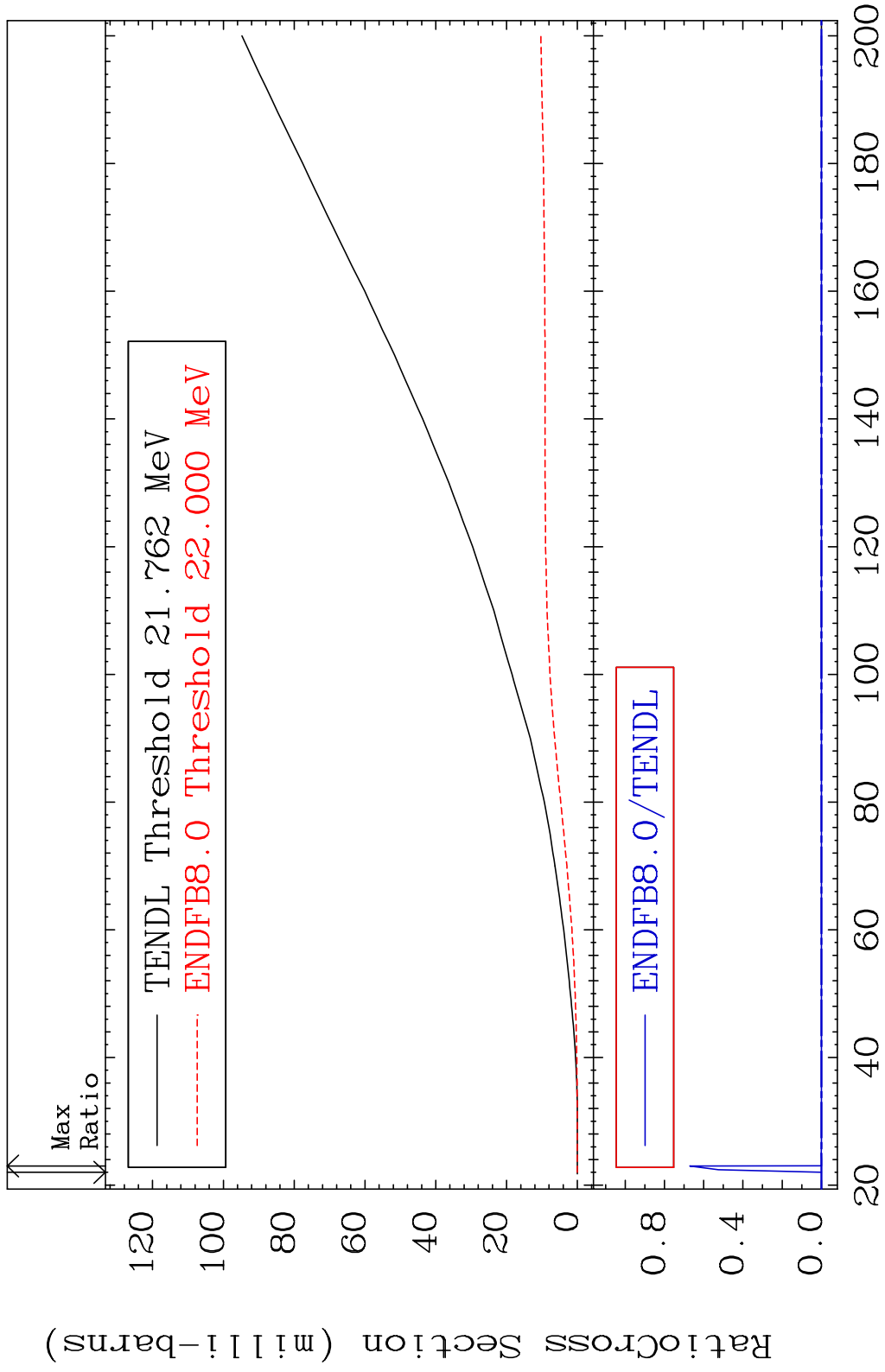
MAT 2049 Deuterium Production 20-Ca-48  
 Cross Section -100.0 To 1163. %



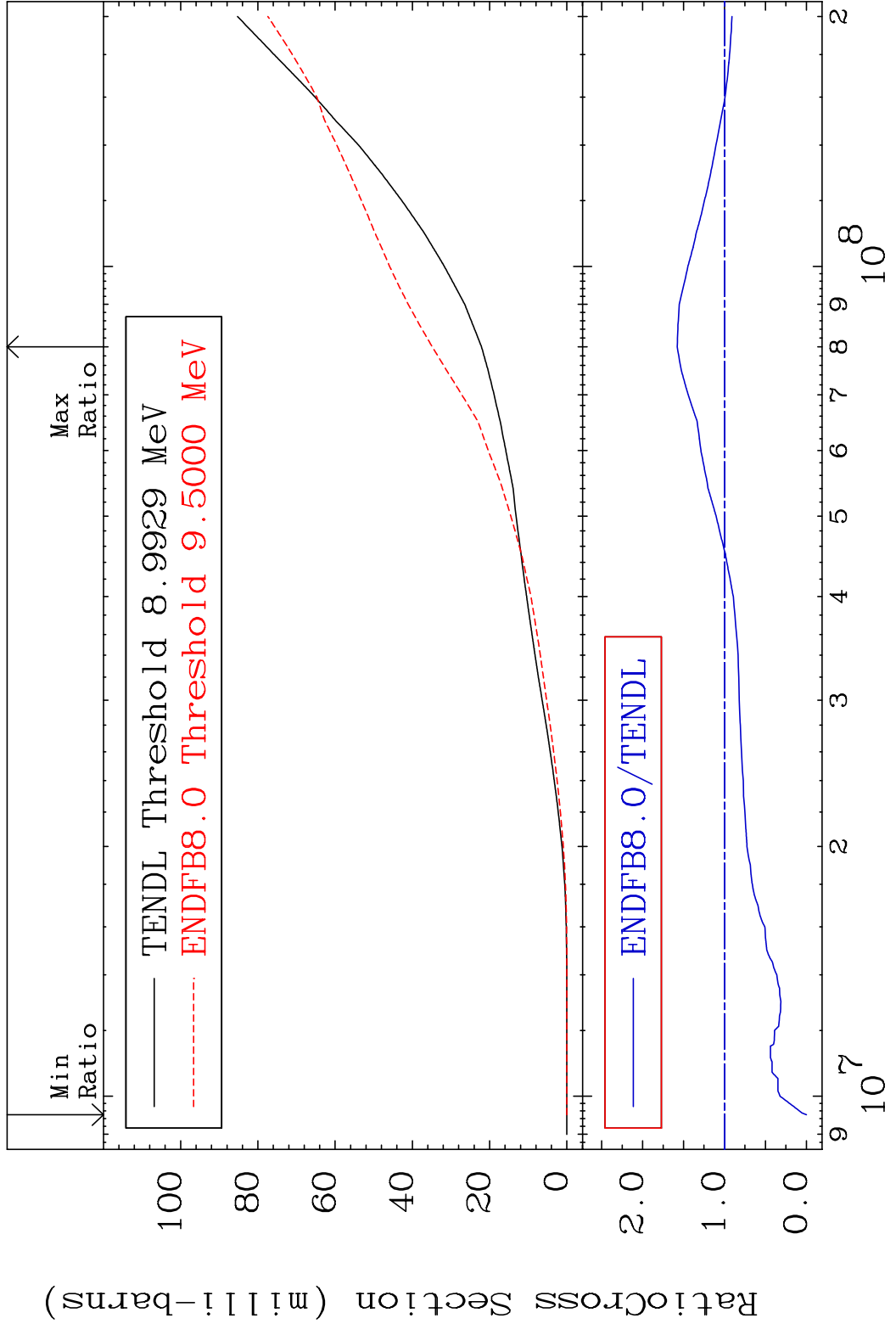
MAT 2049 Tritium Production 20-Ca-48  
 Cross Section -44.06 To 87.28 %



MAT 2049 He-3 Production 20-Ca-48  
 Cross Section -100.0 To 9999. %



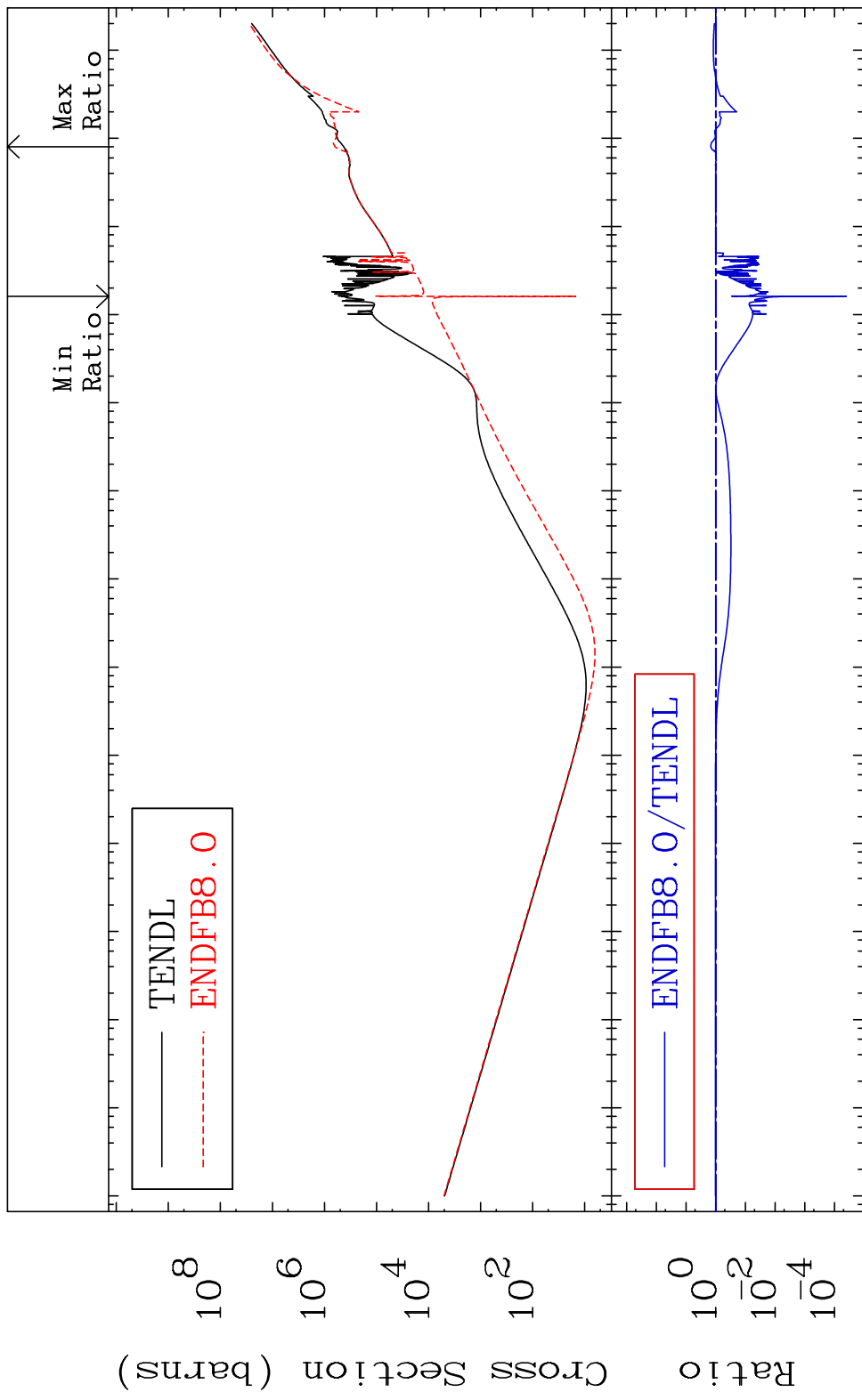
MAT 2049 He-4 Production 20-Ca-48  
 Cross Section -100.0 To 57.78 %



39 20-Ca-48



MAT 2049 Kerma total (eV-barns) 20-Ca-48  
 Cross Section -100.0 To 47.63 %

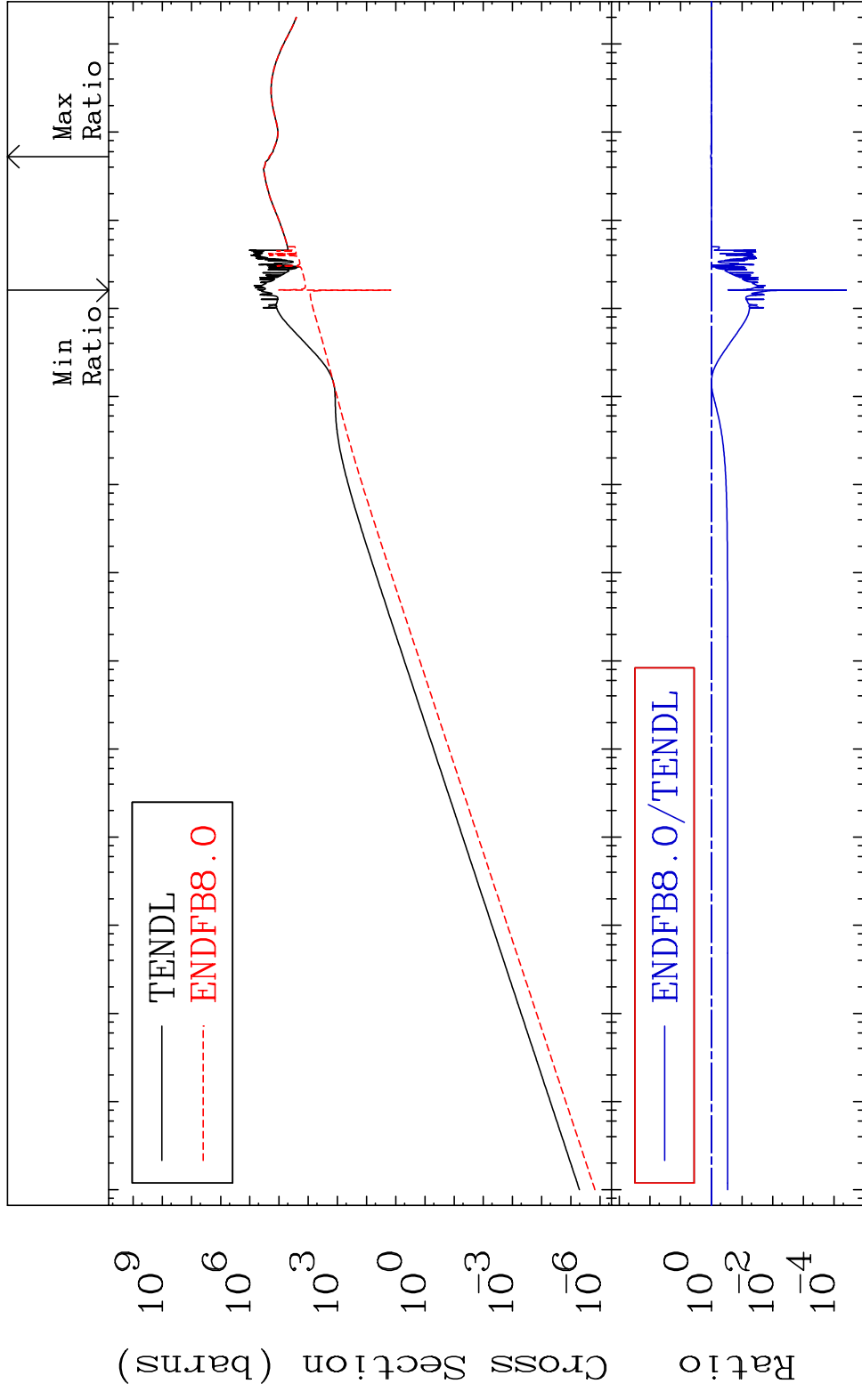


40 Incident Energy (eV) 20-Ca-48

MAT 2049

Kerma elastic  
Cross Section

20-Ca-48  
-100.0 To 5.065 %

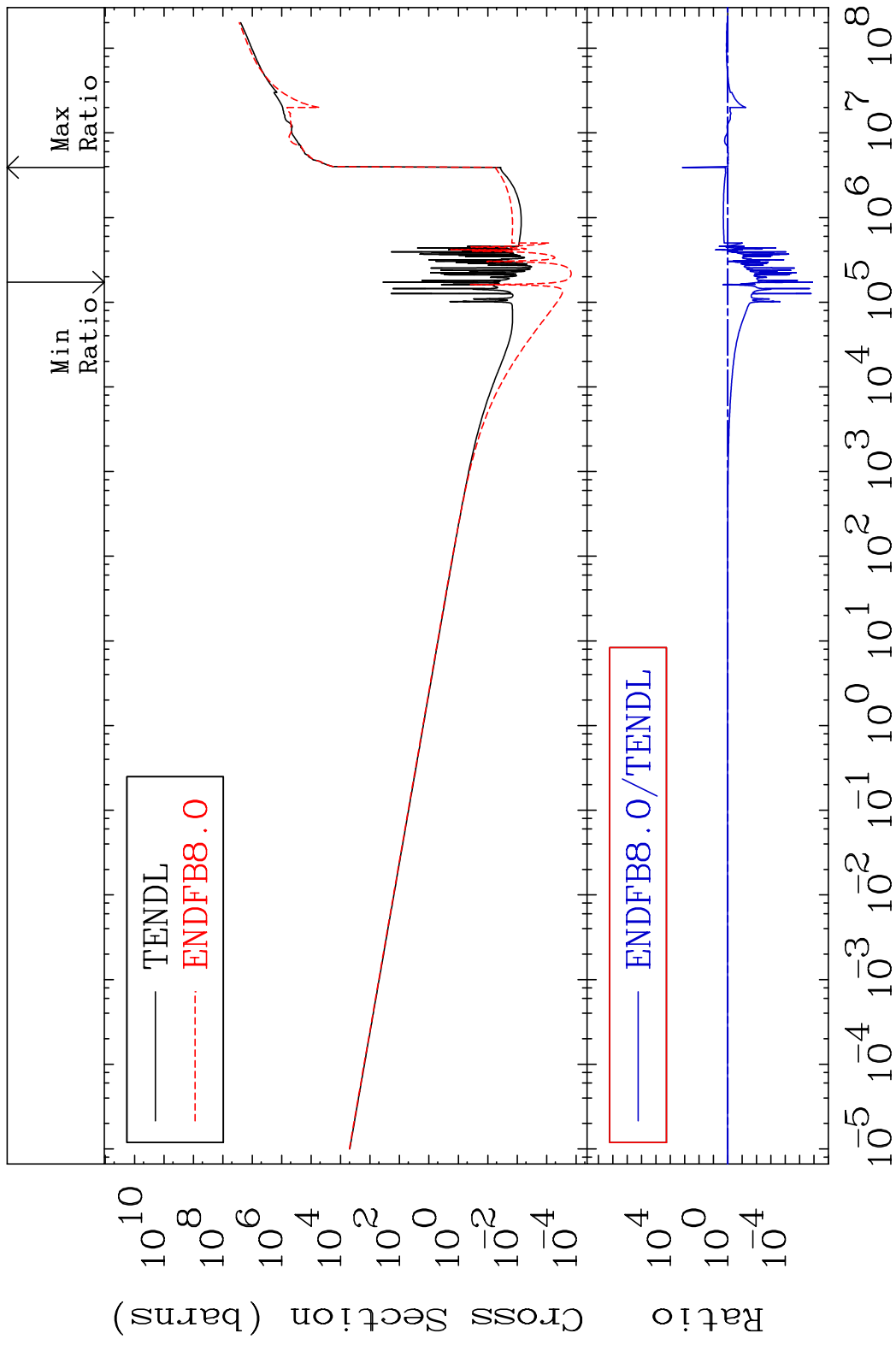


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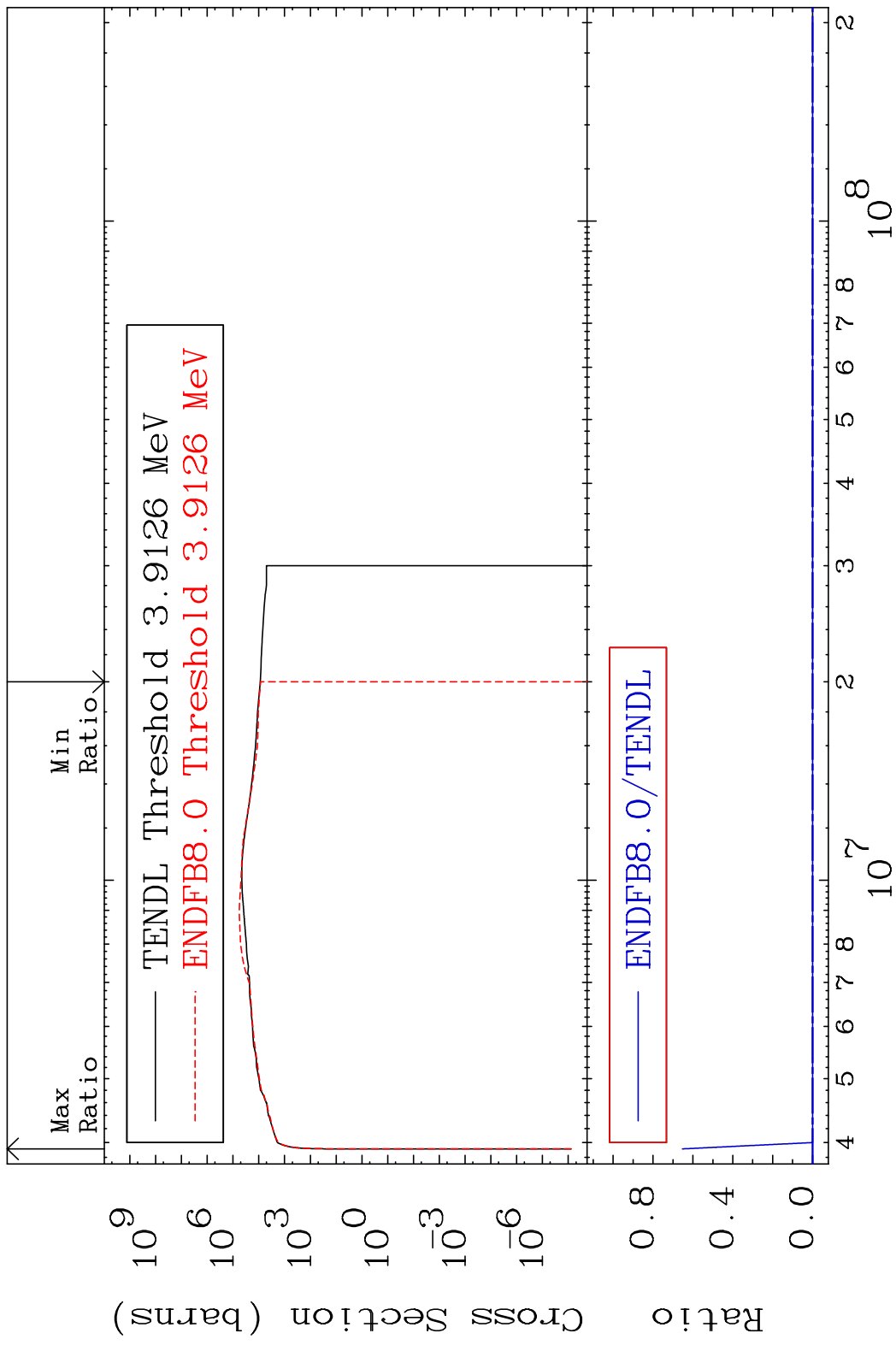
Incident Energy (eV)

20-Ca-48

MAT 2049 Kerma non-elastic (all but mt2) 20-Ca-48  
 Cross Section -100.0 To 9999. %

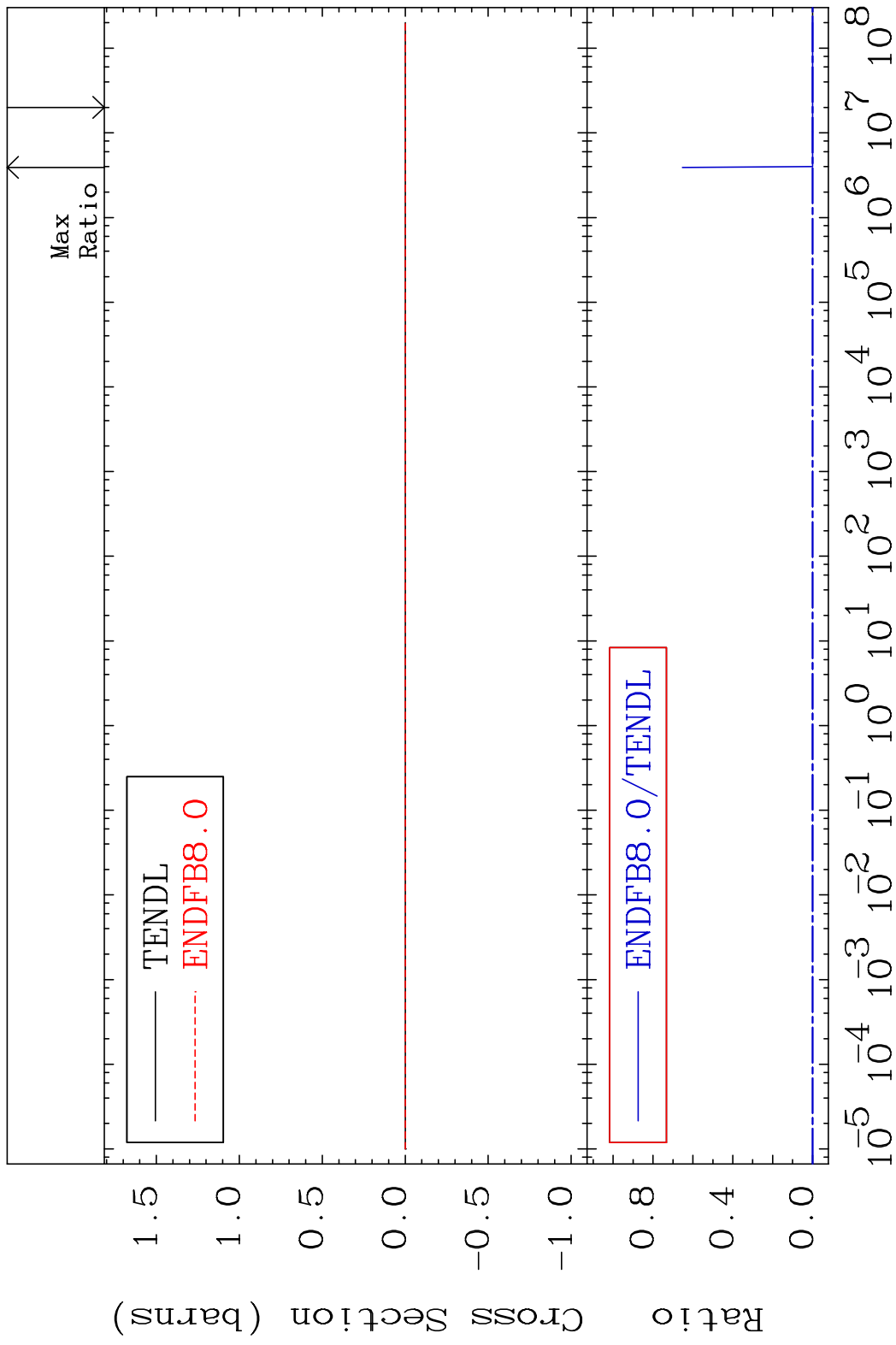


MAT 2049 Kerma inelastic (mt51-91) 20-Ca-48  
 Cross Section -100.0 To 9999. %



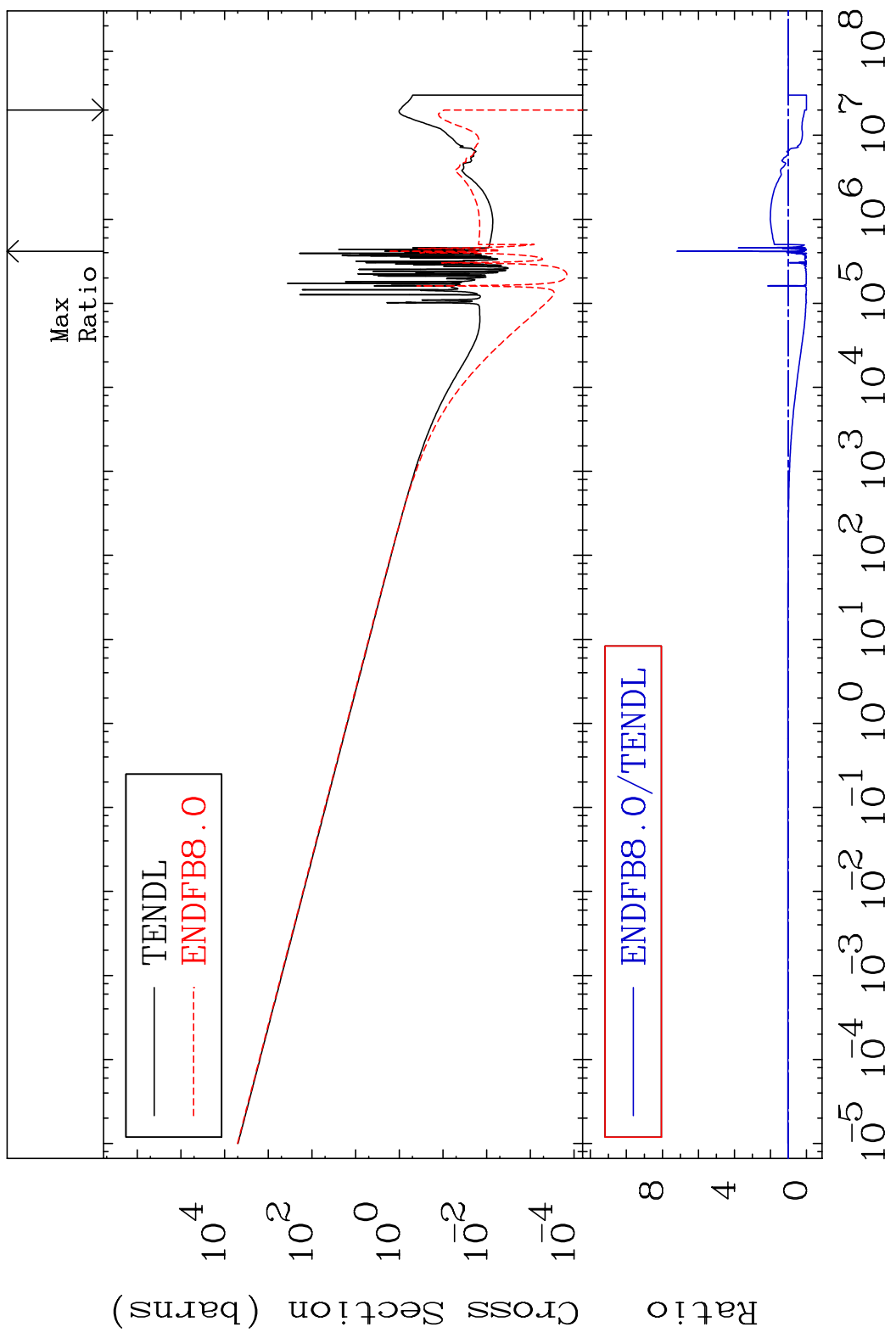
43 Incident Energy (eV) 20-Ca-48

MAT 2049 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-48  
 Cross Section -100.0 To 9999. %



MAT 2049

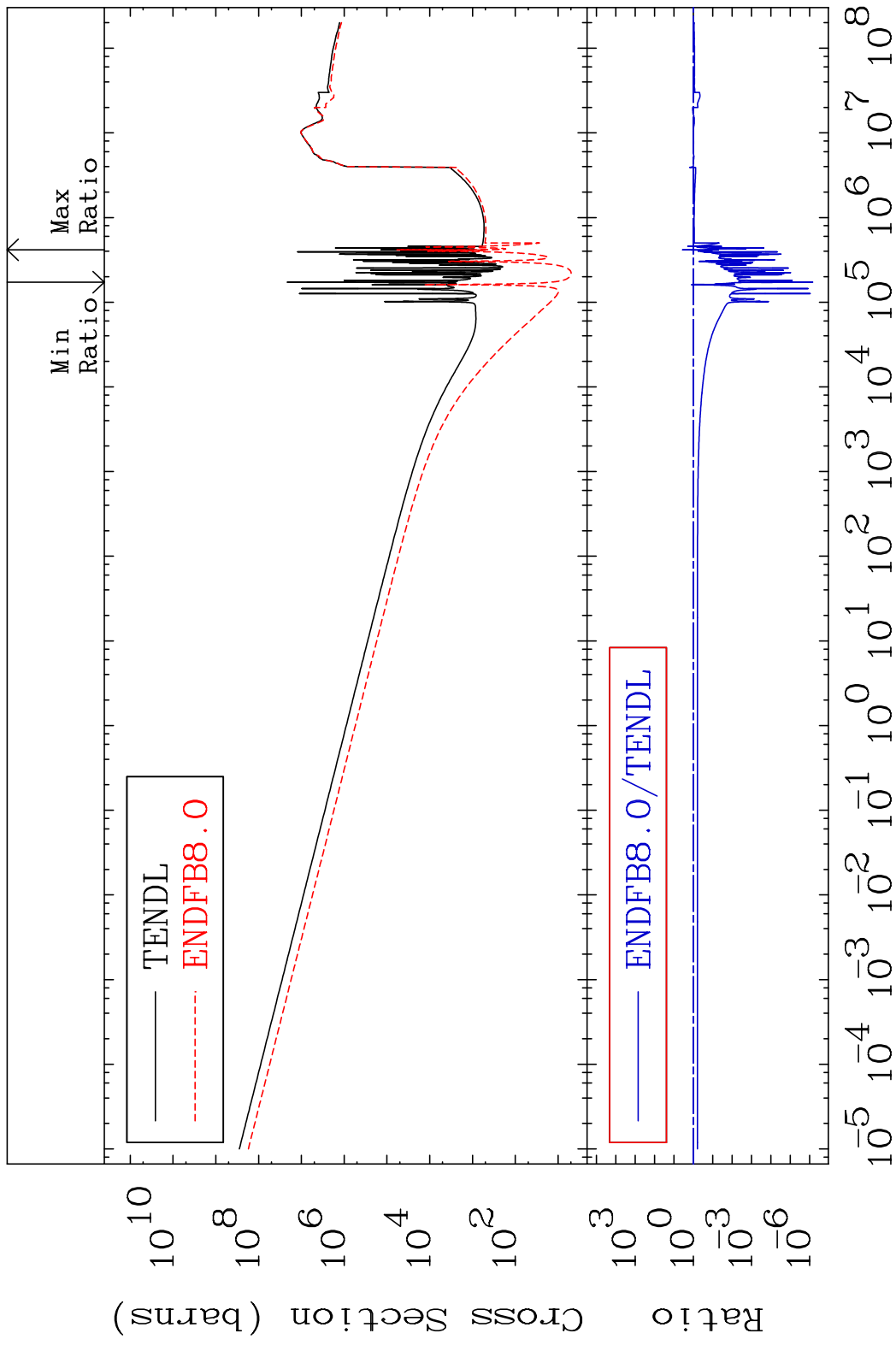
Kerma capture (mt102) 20-Ca-48  
Cross Section -100.0 To 617.9 %



45

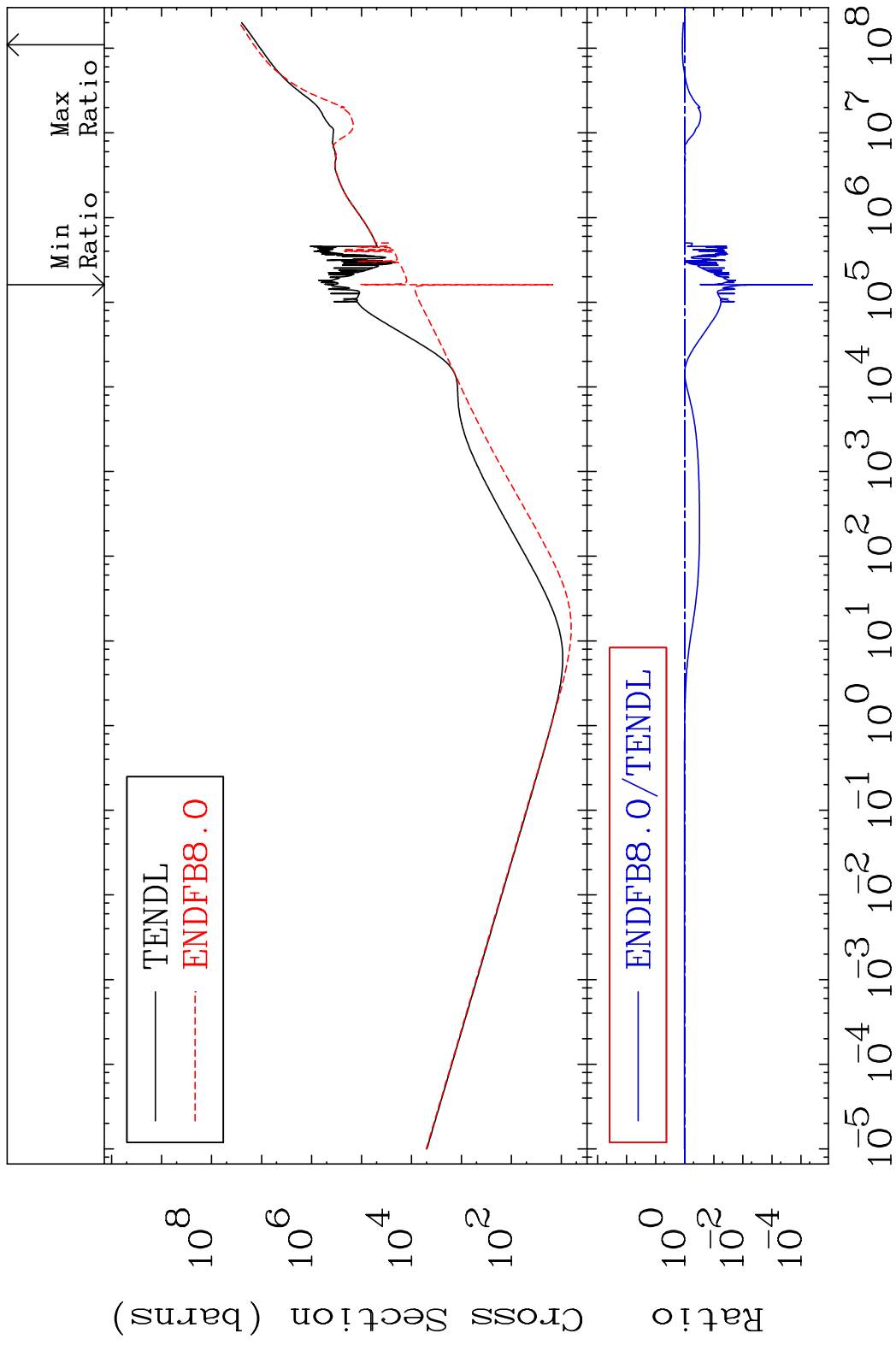
Incident Energy (eV) 20-Ca-48

MAT 2049 Total photon (eV-barns) 20-Ca-48  
 Cross Section -100.0 To 268.4 %



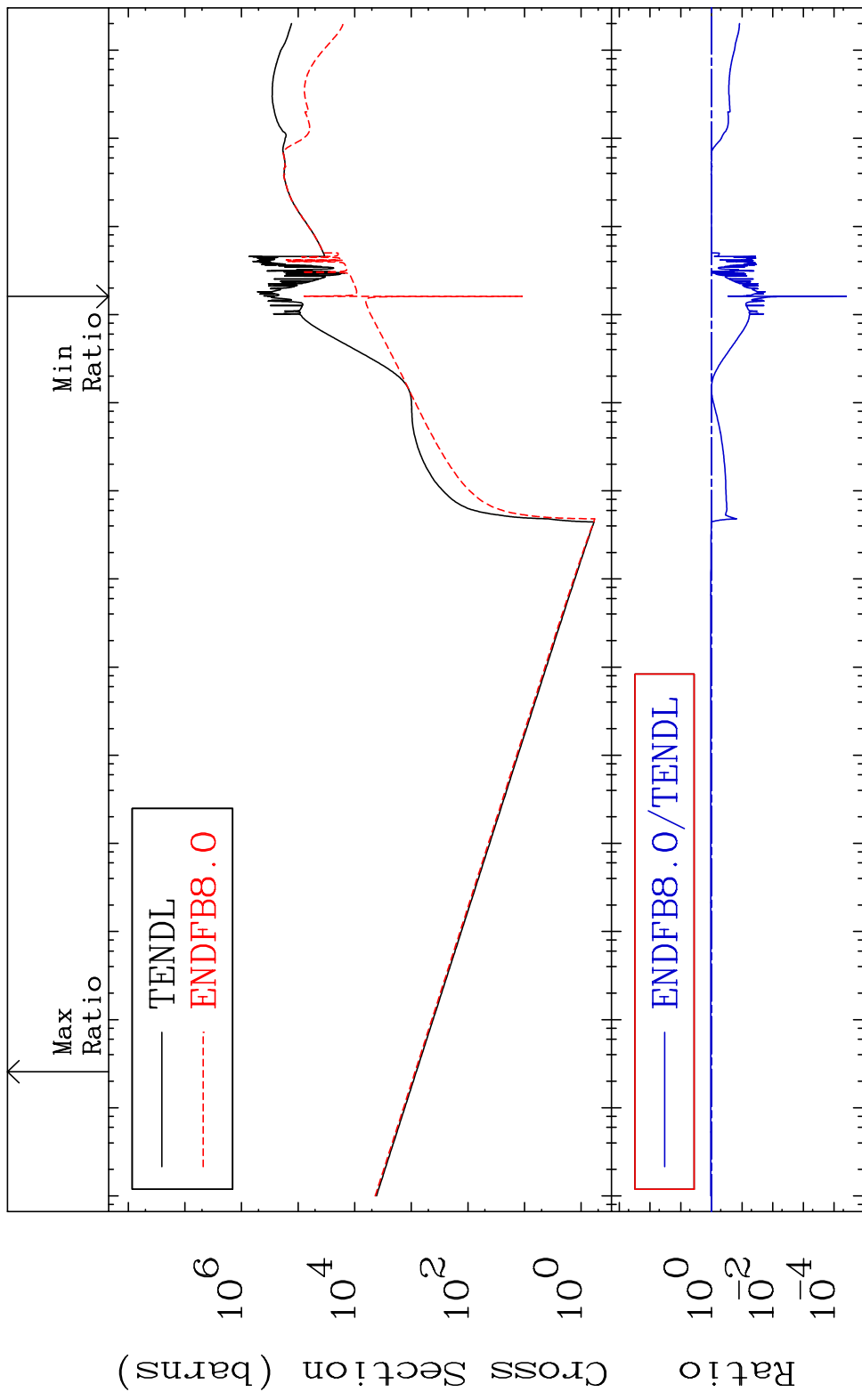
46 Incident Energy (eV) 20-Ca-48

MAT 2049 Total kinematic kerma (high limit) 20-Ca-48  
 Cross Section -100.0 To 20.65 %





MAT 2049      Dpa total (eV-barns)      20-Ca-48  
 Cross Section      -100.0 To 5.294 %



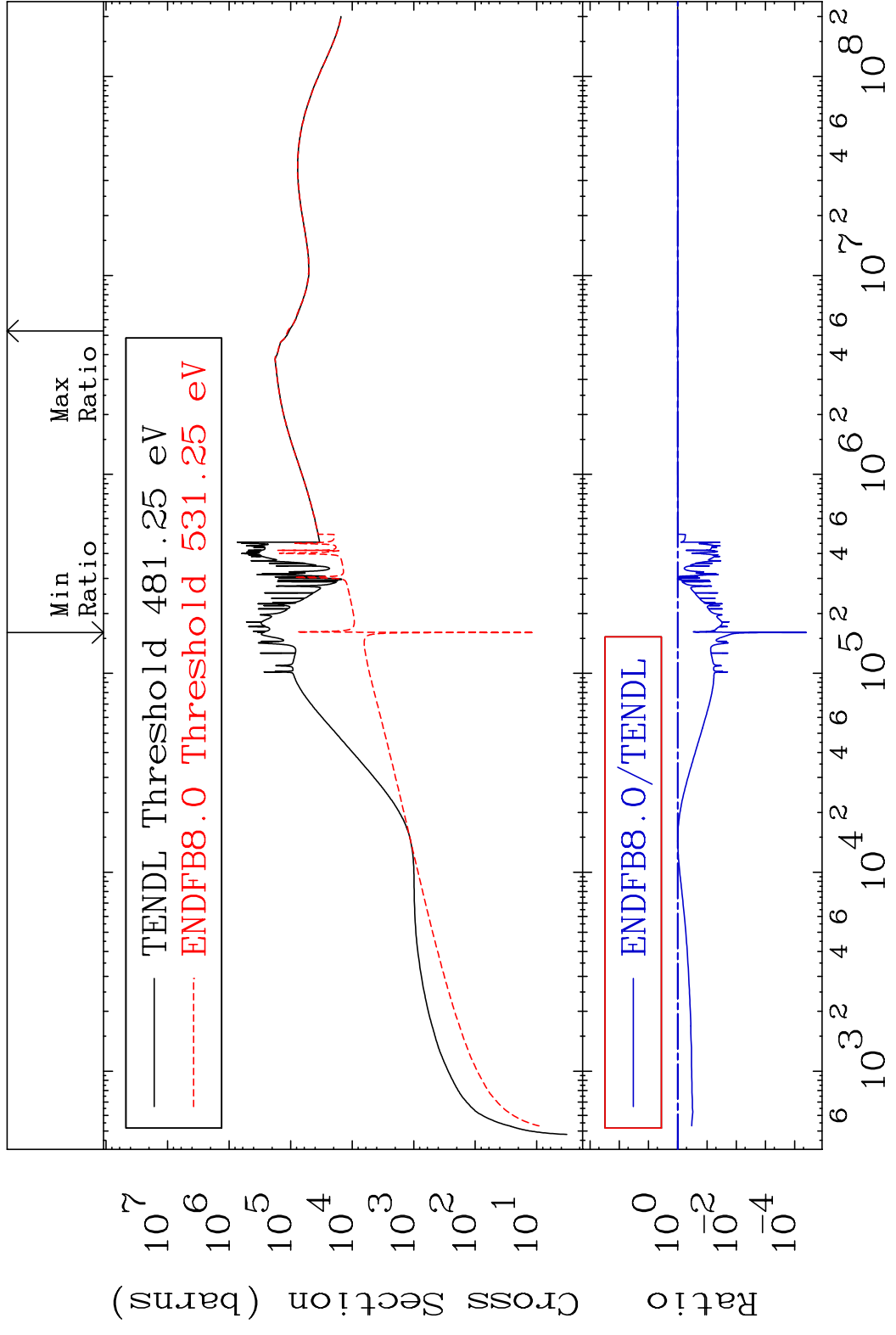
48      Incident Energy (eV)      20-Ca-48

MAT 2049

Dpa elastic (mt2)

20-Ca-48

Cross Section -100.0 To 4.820 %

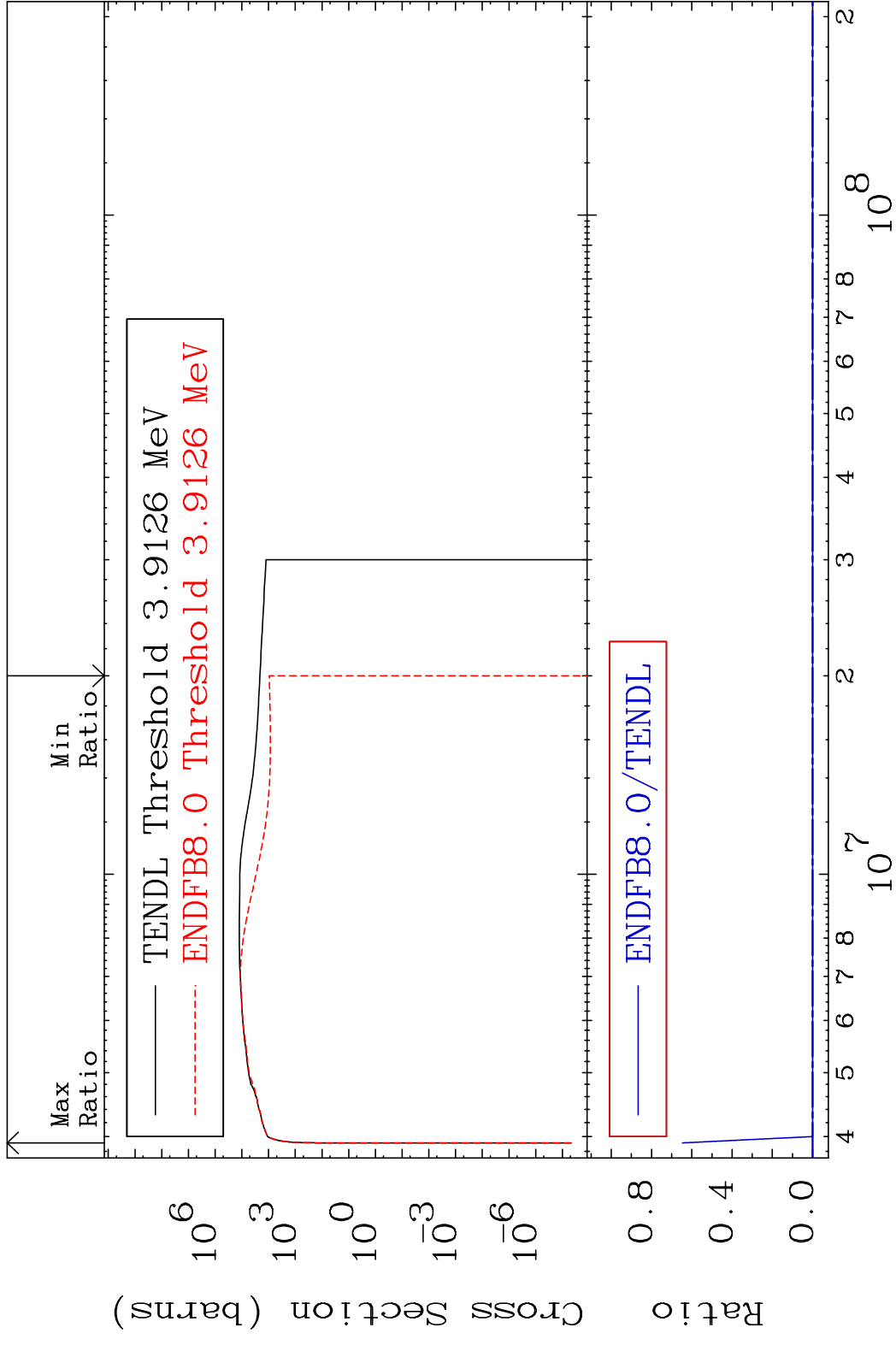


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Incident Energy (eV)

20-Ca-48

MAT 2049 Dpa inelastic (mt51-91) 20-Ca-48  
 Cross Section -100.0 To 9999. %



MAT 2049 Dpa disappearance (mt102 -120) 20-Ca-48  
 Cross Section -100.0 To 648.0 %

