

Program Complot  
(Version 2021-1)

by

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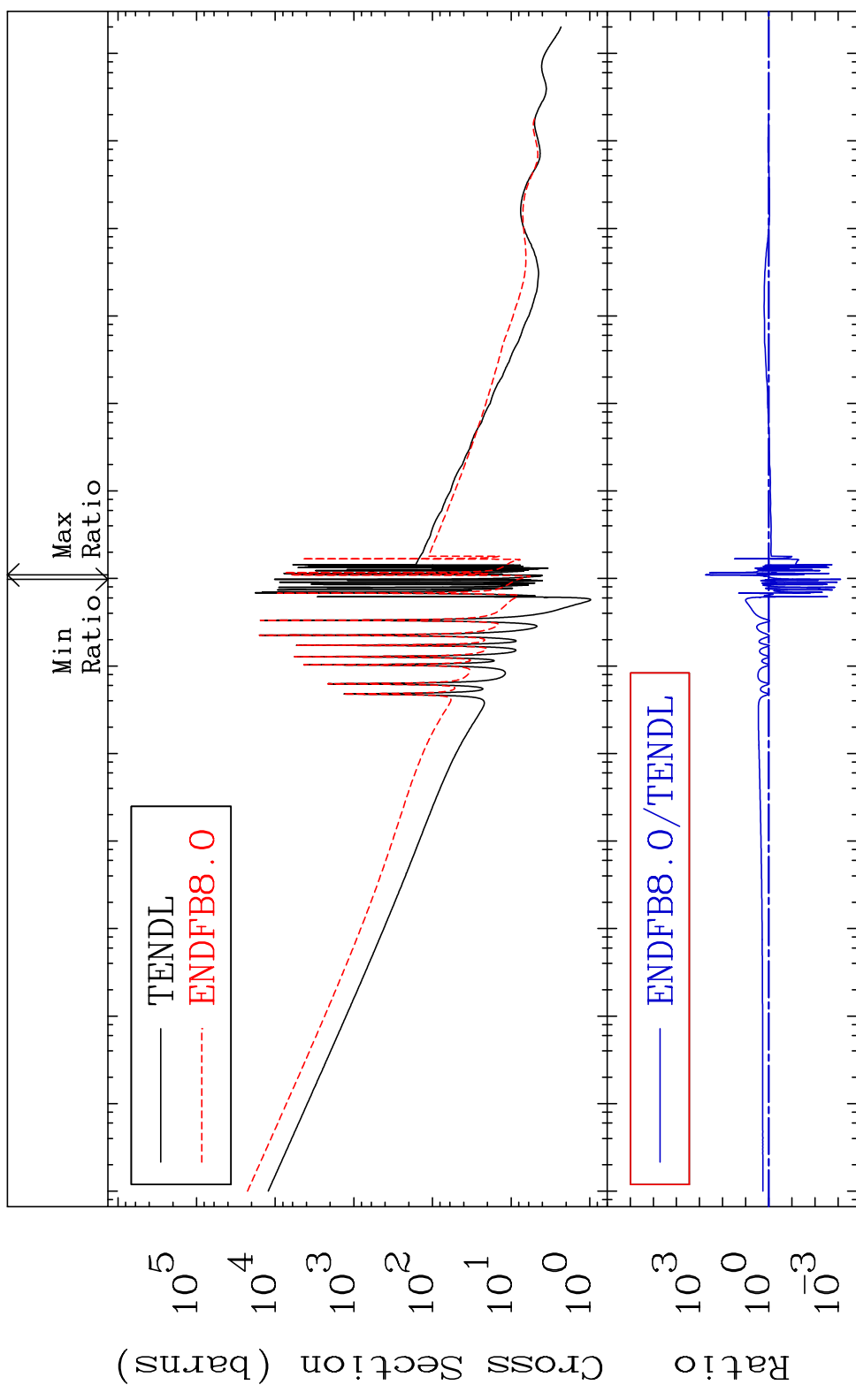
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6040

Total Cross Section -99.92 To 9999. %  
60-Nd-147



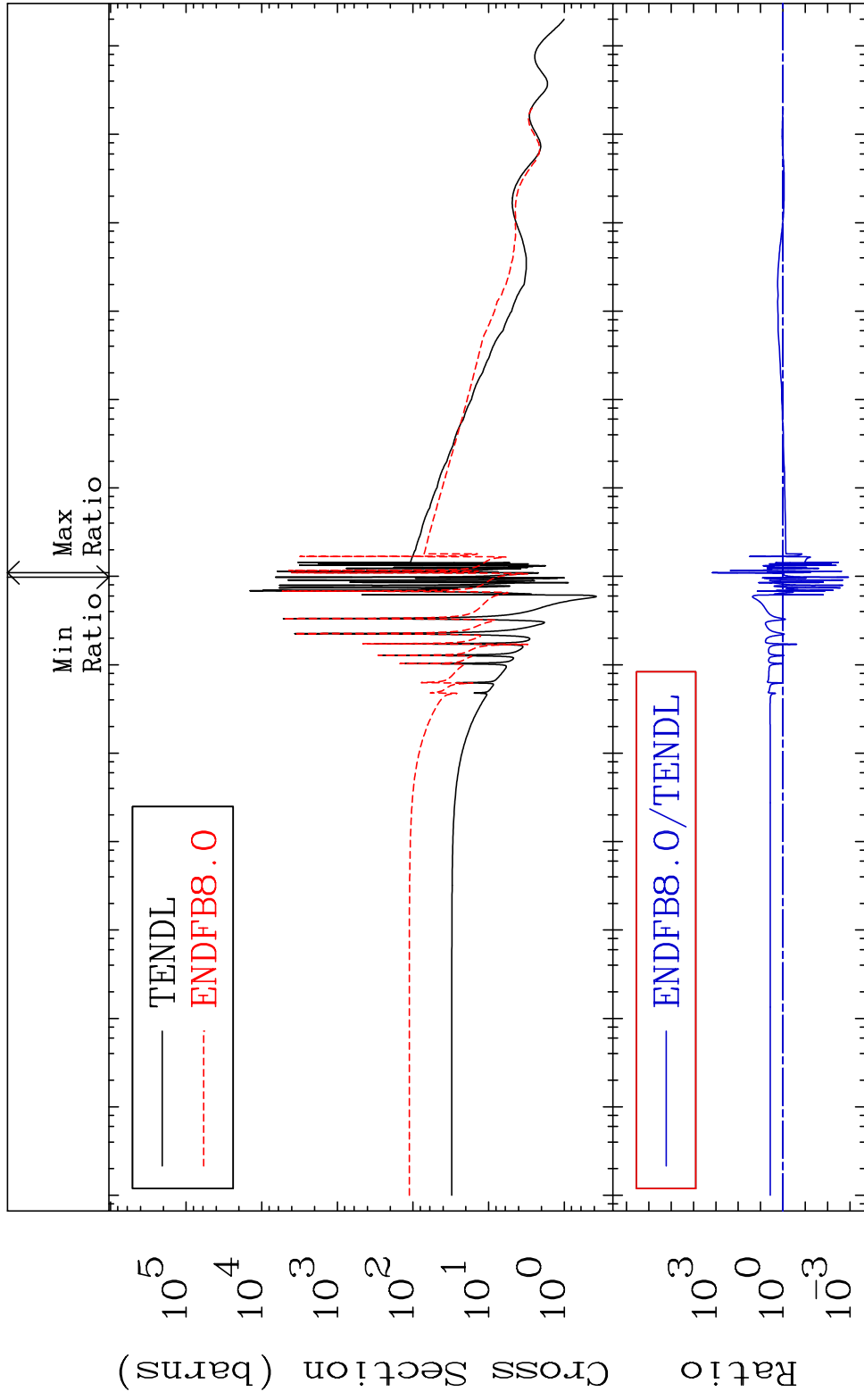
1 Incident Energy (eV) 60-Nd-147

MAT 6040

Elastic

60-Nd-147

Cross Section -99.88 To 9999. %

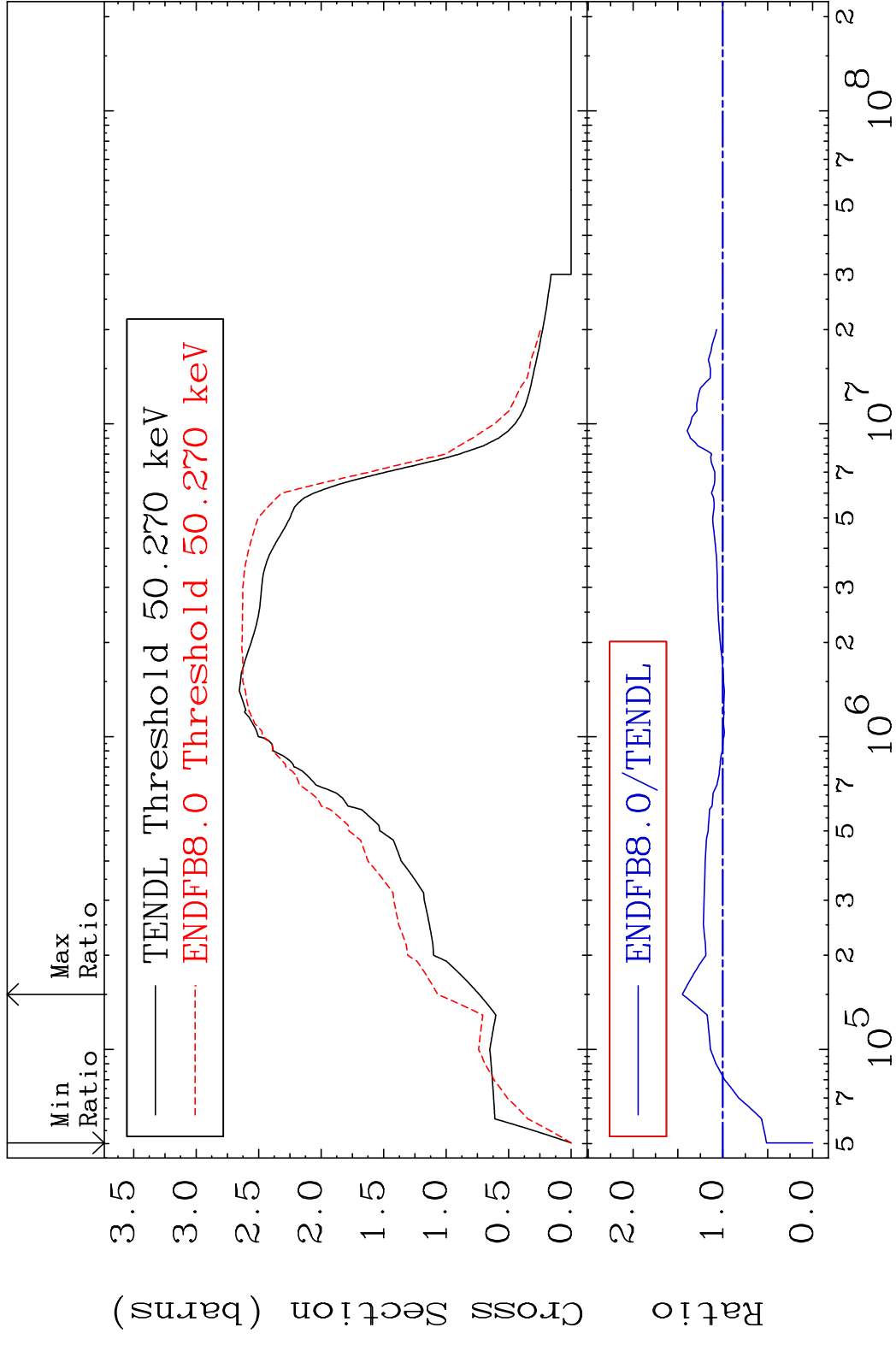


2

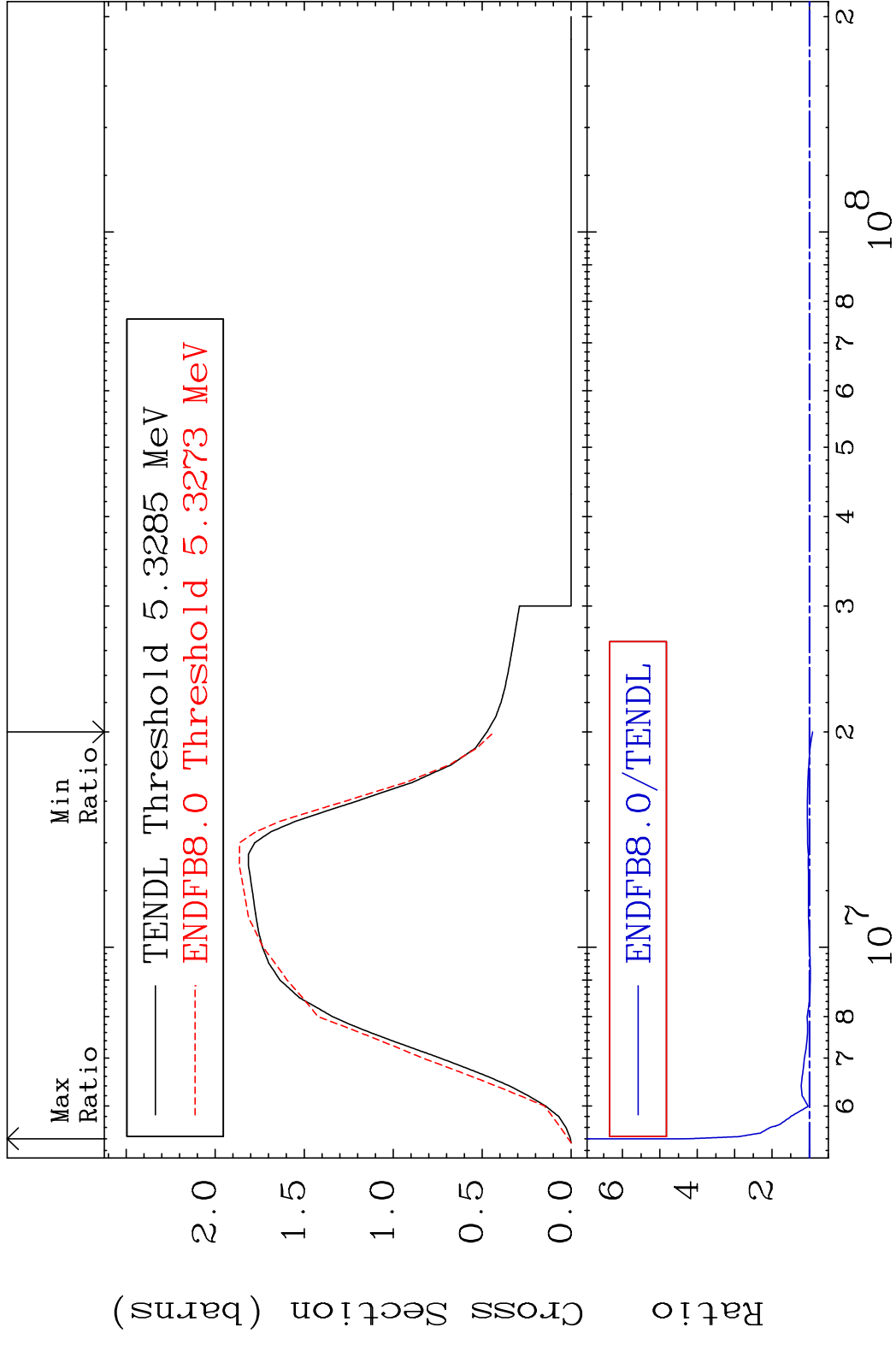
Incident Energy (eV)

60-Nd-147

MAT 6040 Inelastic 60-Nd-147  
 Cross Section -100.0 To 45.06 %

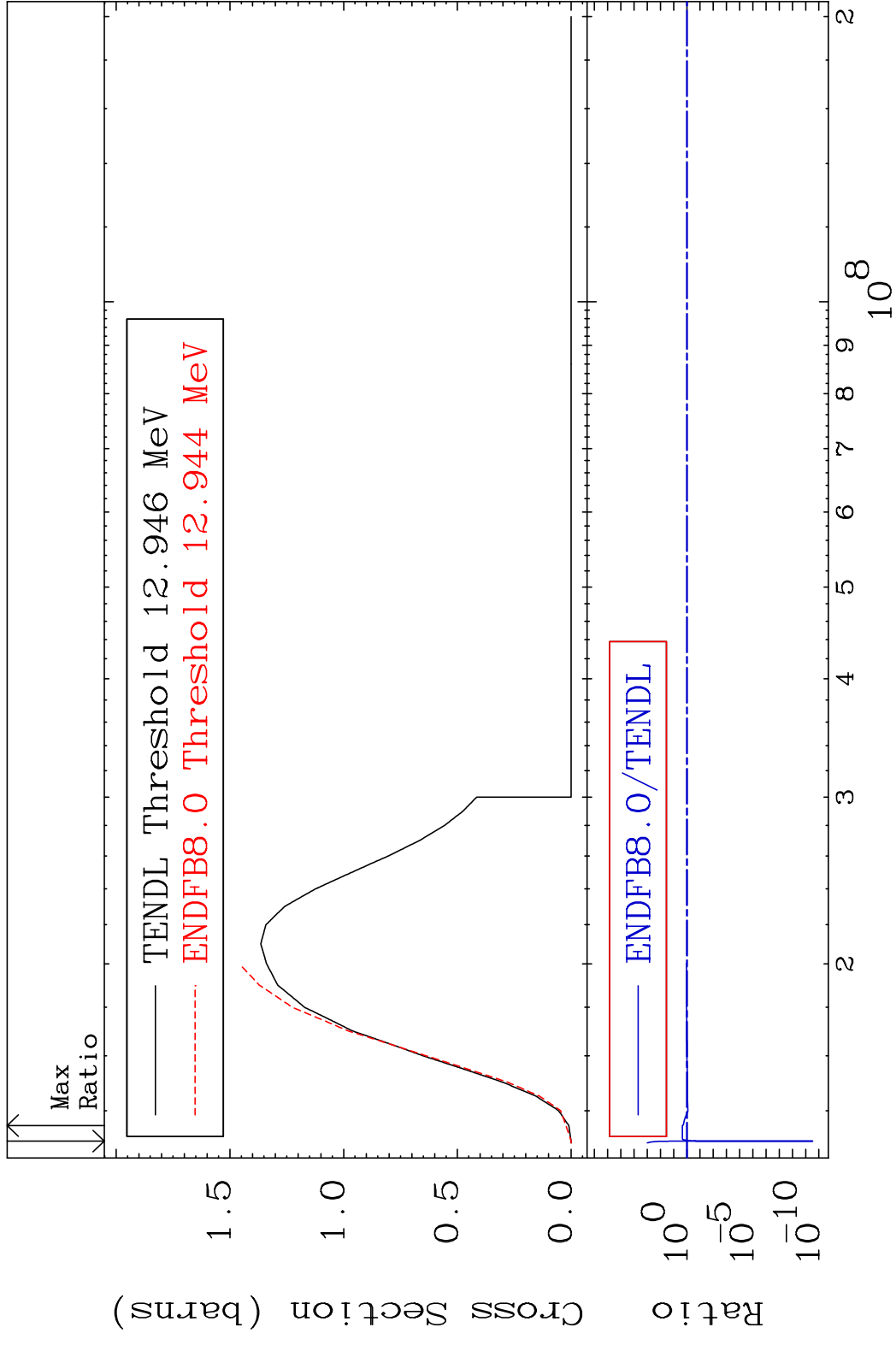


MAT 6040 (n,2n) 60-Nd-147  
 Cross Section -8.345 To 339.6 %



4 Incident Energy (eV) 60-Nd-147

MAT 6040 (n,3n) 60-Nd-147  
 Cross Section -100.0 To 119.5 %

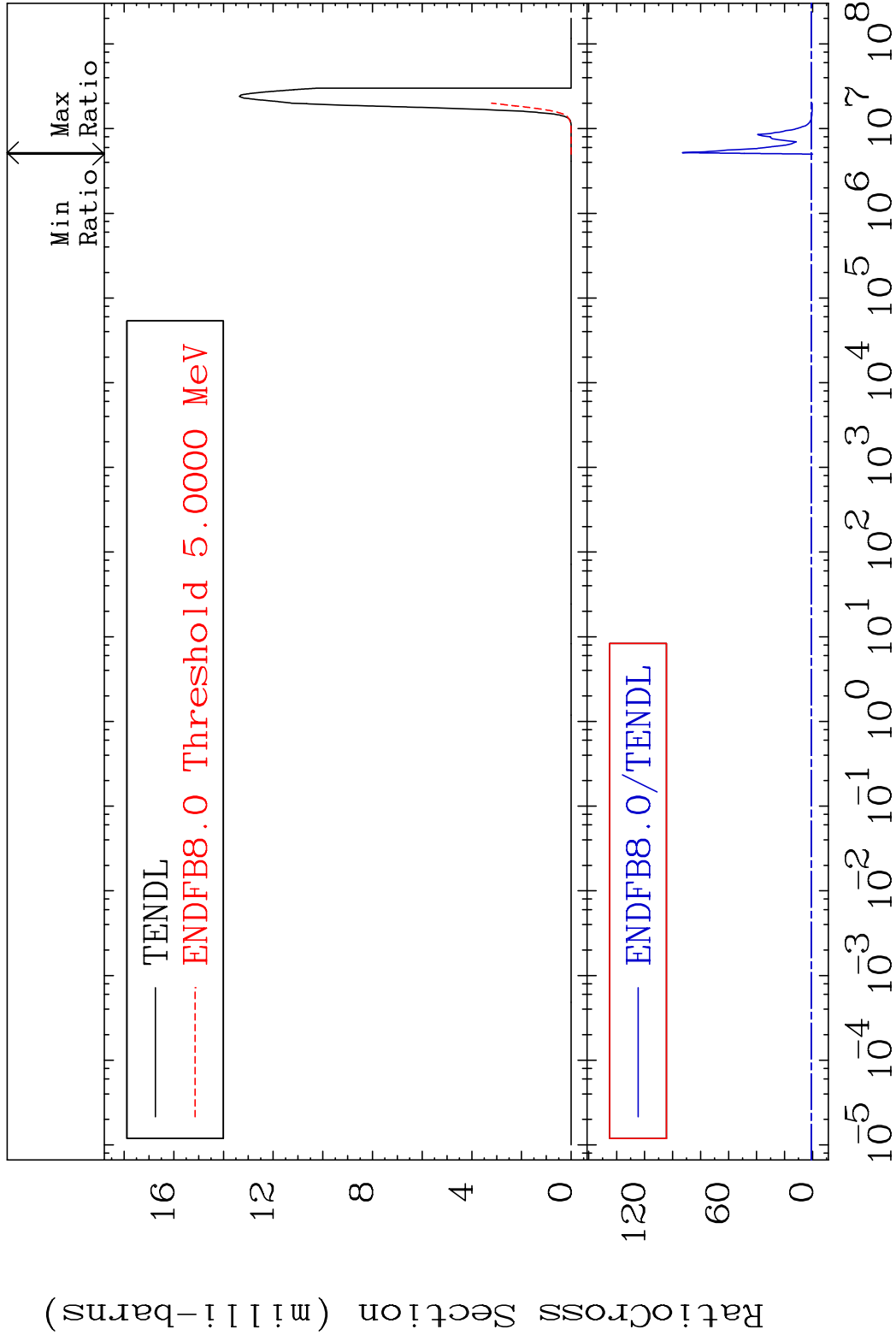


MAT 6040

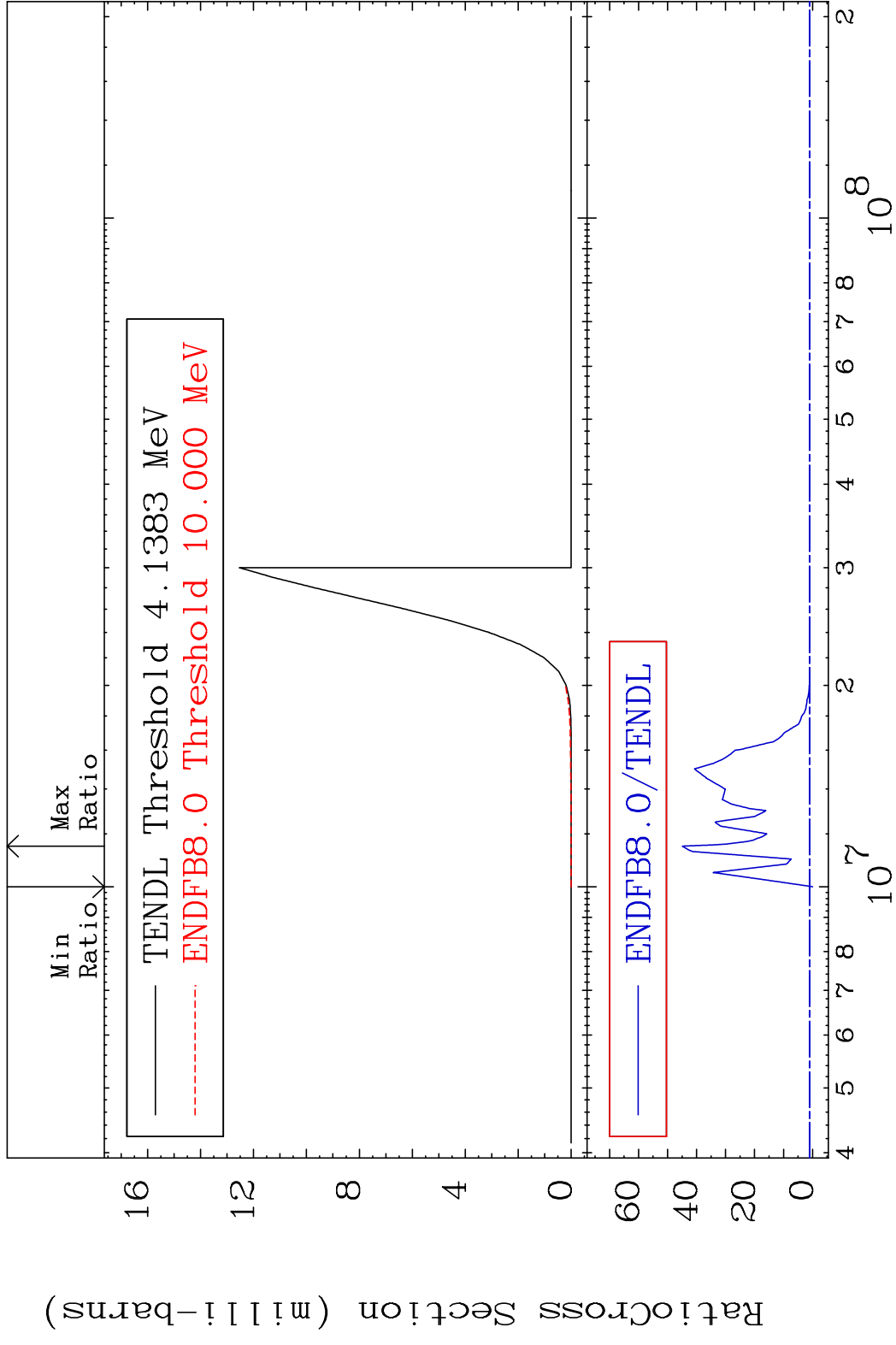
(n, n')  $\alpha$

60-Nd-147

Cross Section -100.0 To 9202. %

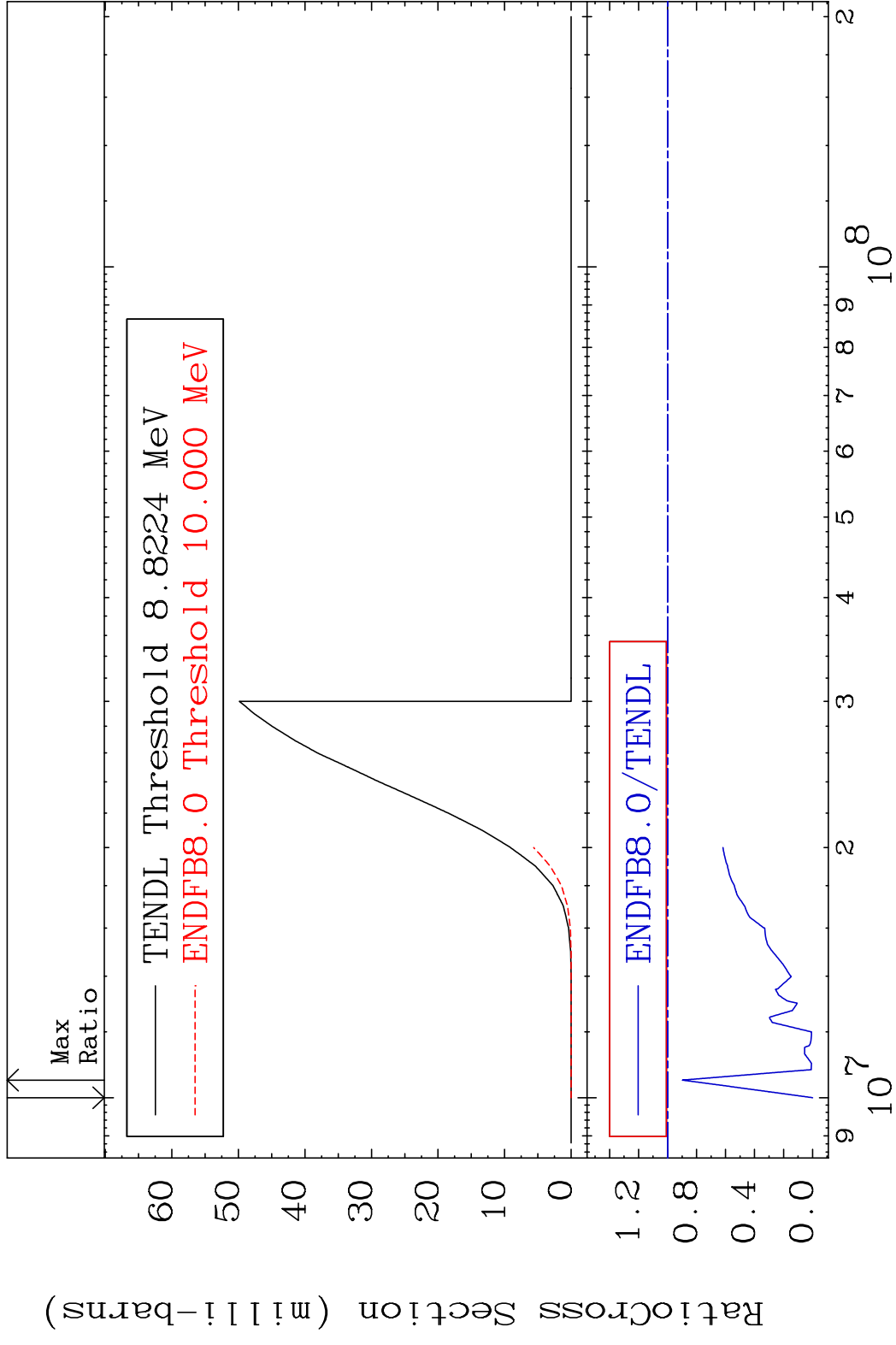


MAT 6040 (n,2n)  $\alpha$  60-Nd-147  
 Cross Section -100.0 To 4390. %



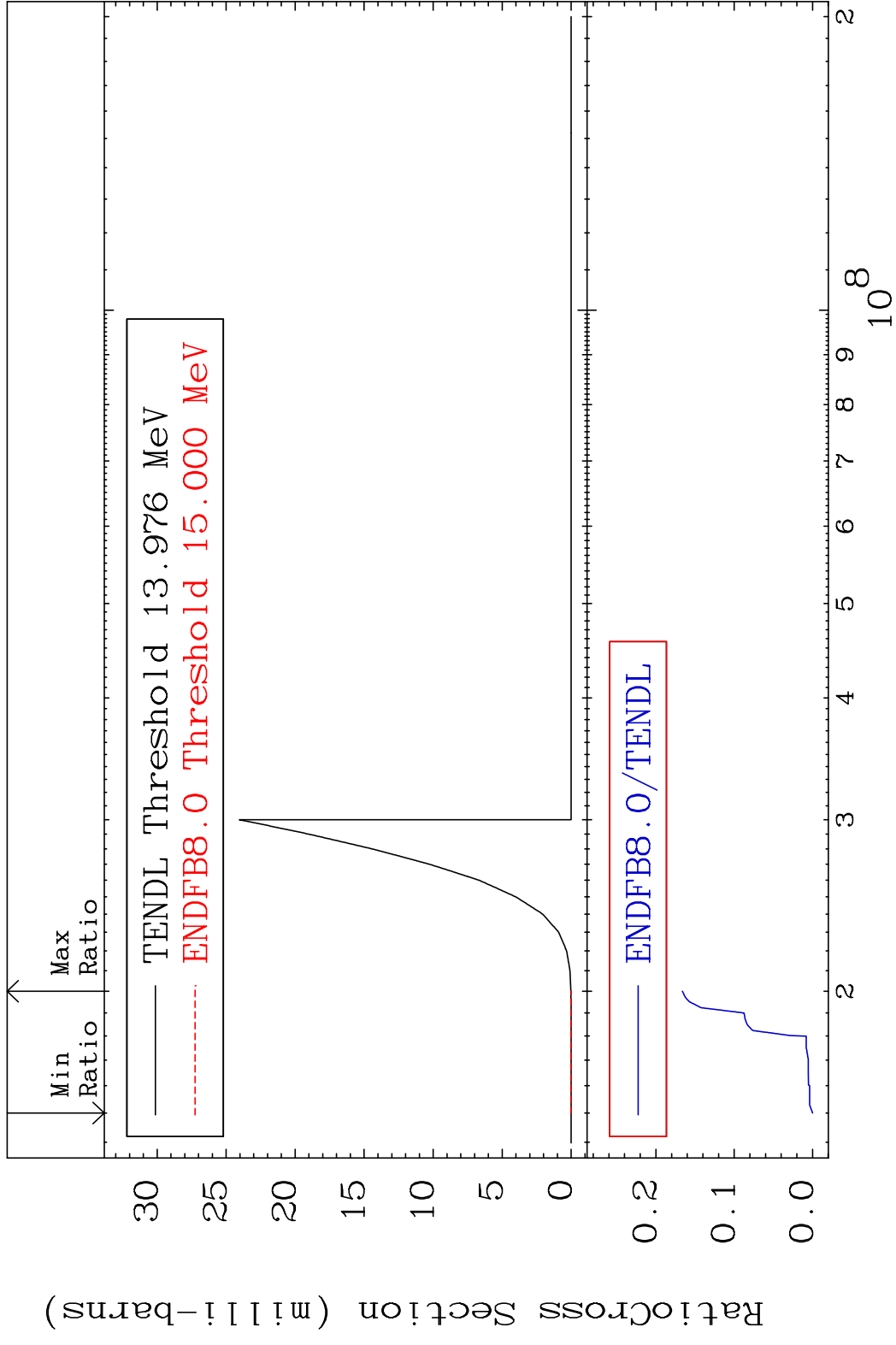


MAT 6040 (n, n') p 60-Nd-147  
 Cross Section -100.0 To -10.21%

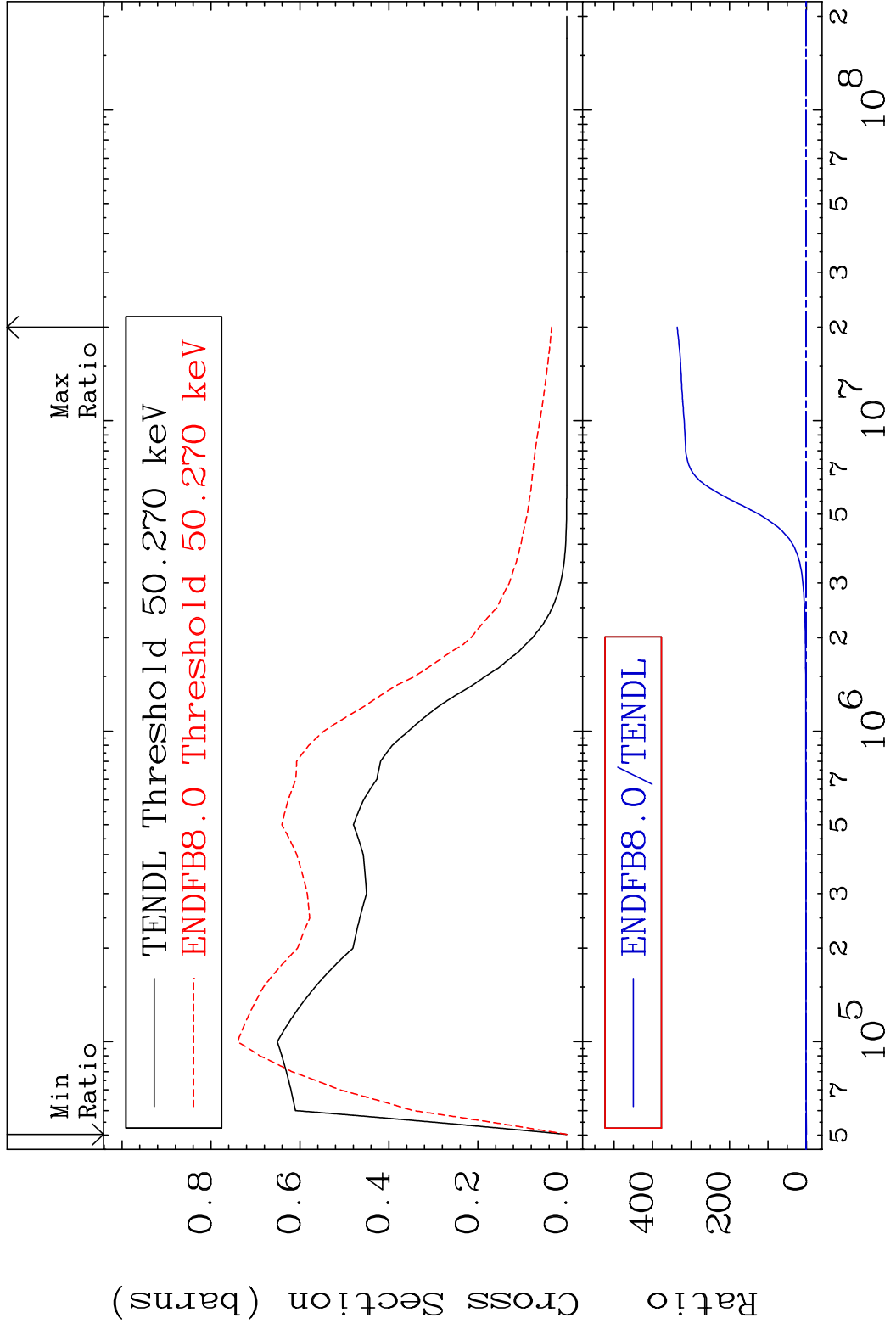


8 8 Incident Energy (eV) 60-Nd-147

MAT 6040 (n,2n) p 60-Nd-147  
 Cross Section -100.0 To -83.38%

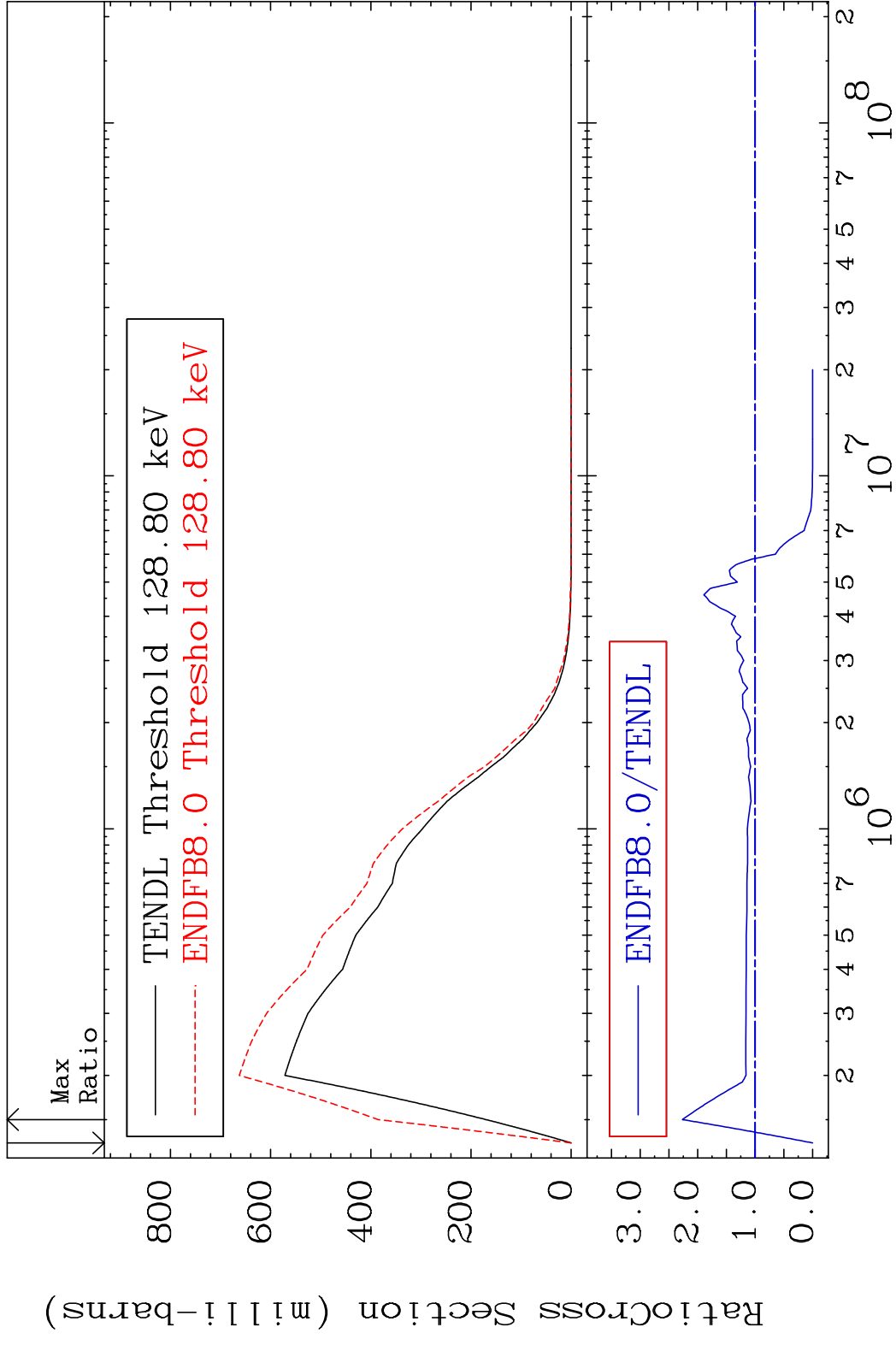


MAT 6040 MT= 51 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 9999. %

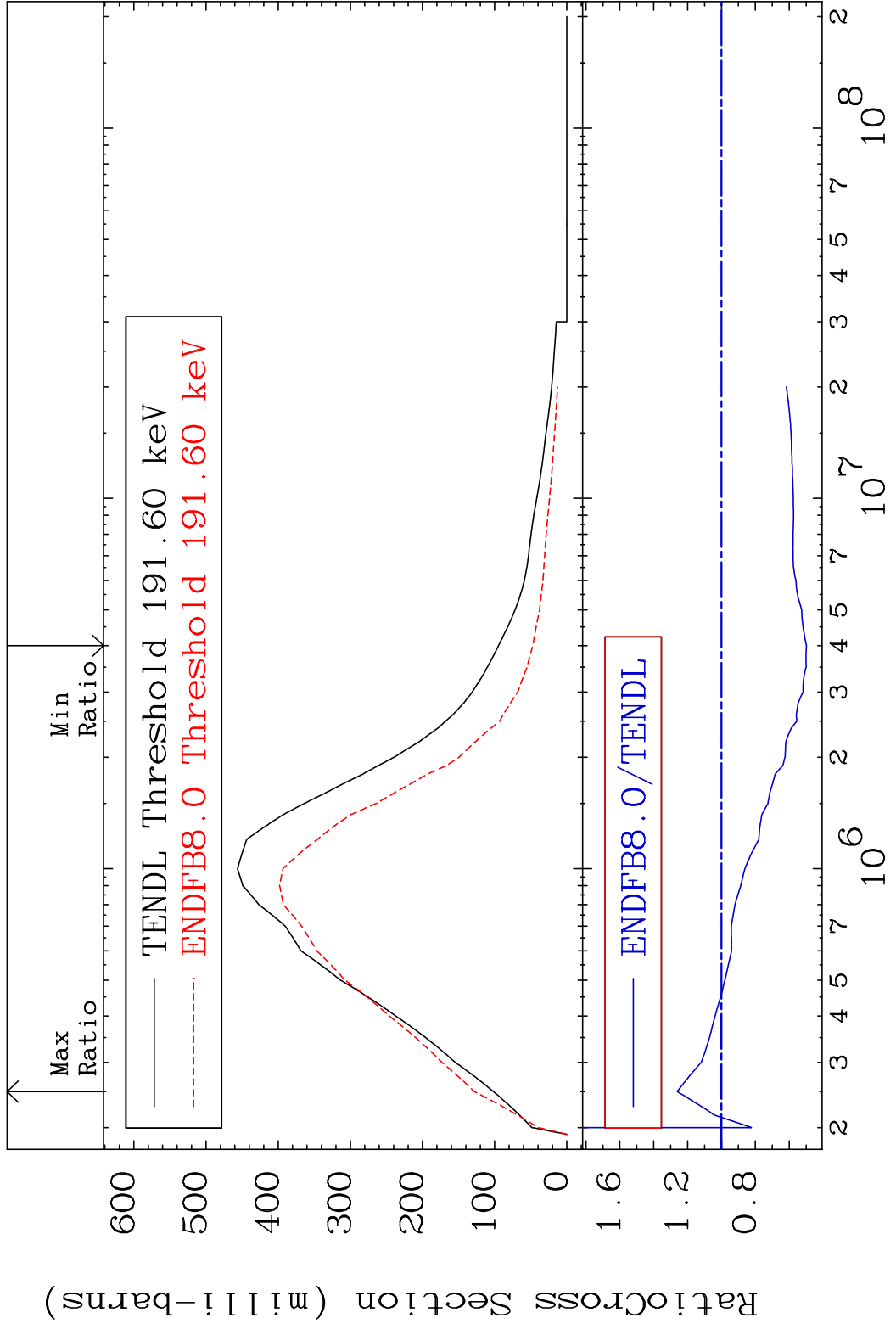


10 Incident Energy (eV) 60-Nd-147

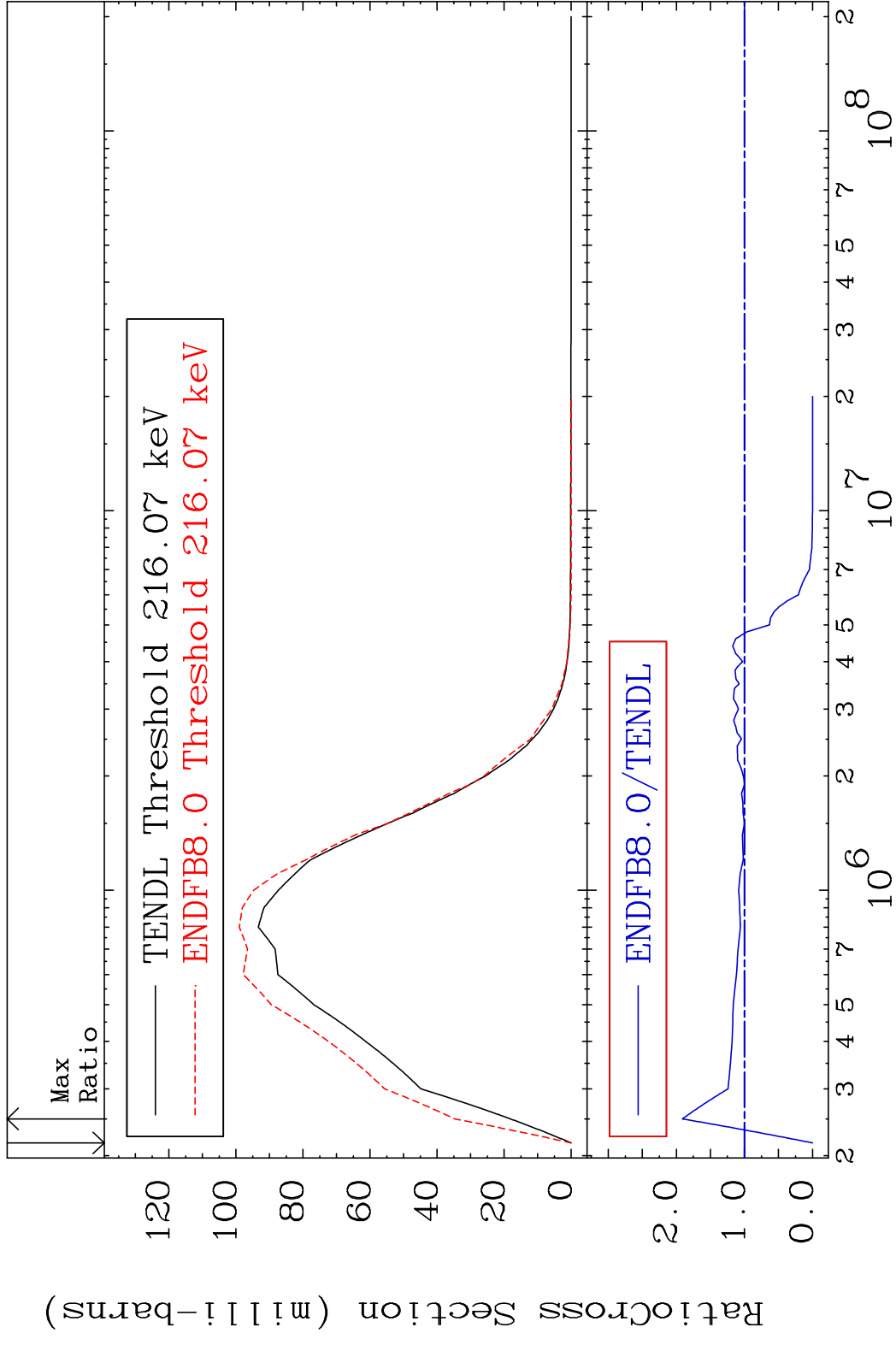
MAT 6040 MT= 52 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 126.6 %



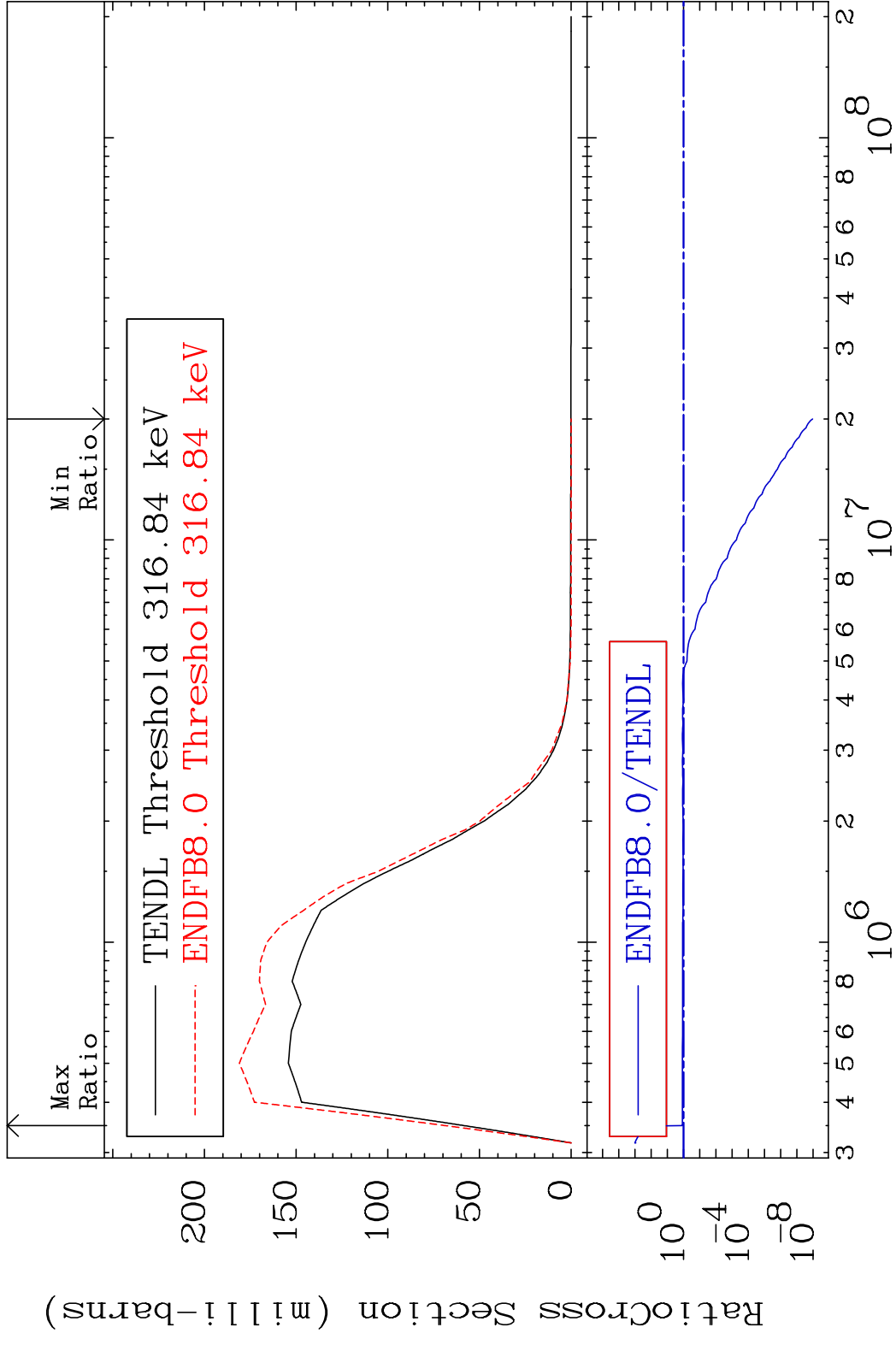
MAT 6040 MT= 53 (n, n') Level 60-Nd-147  
 Cross Section -50.13 To 26.15 %



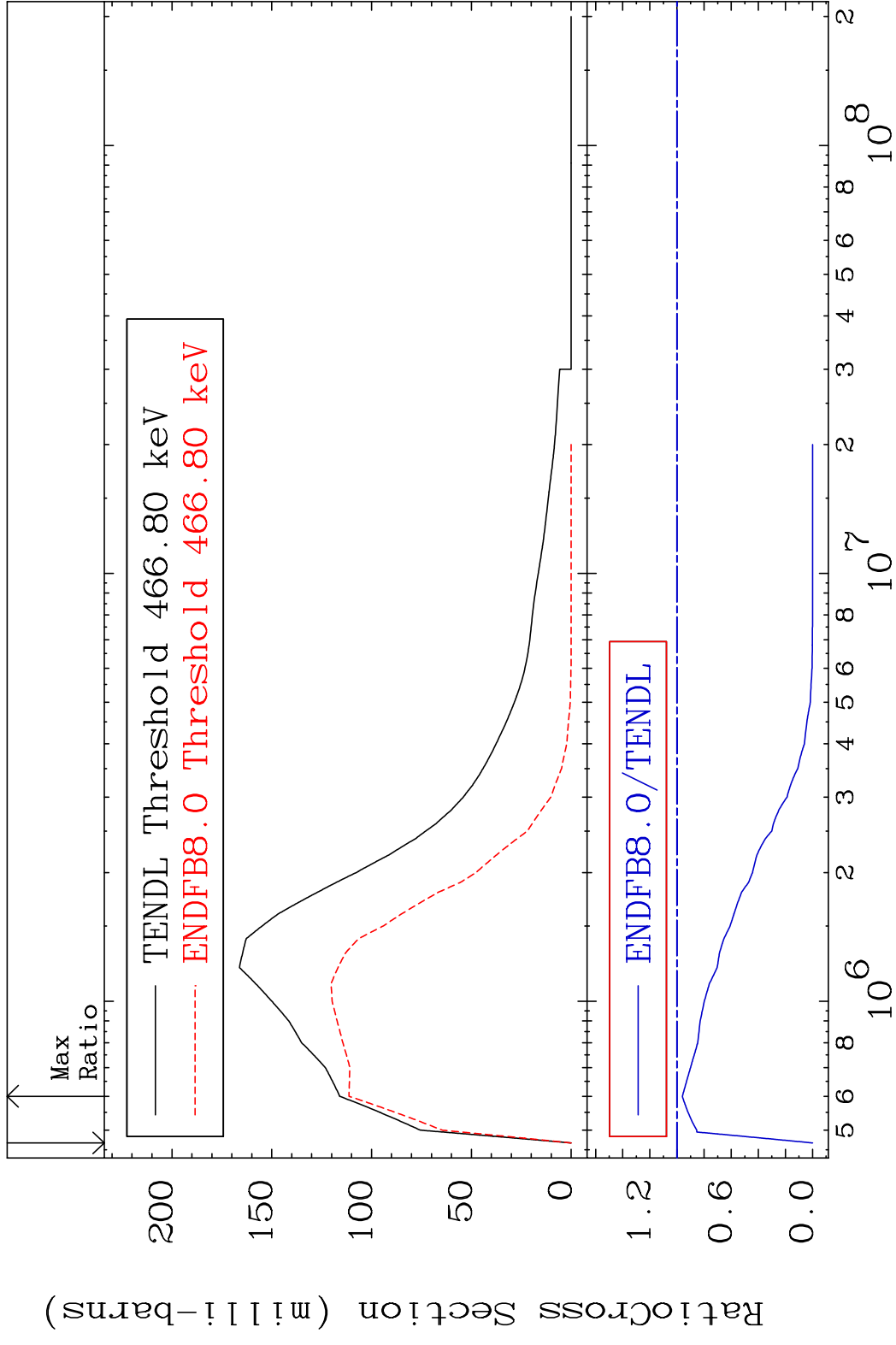
MAT 6040 MT= 54 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 91.18 %



MAT 6040 MT= 55 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 17.53 %

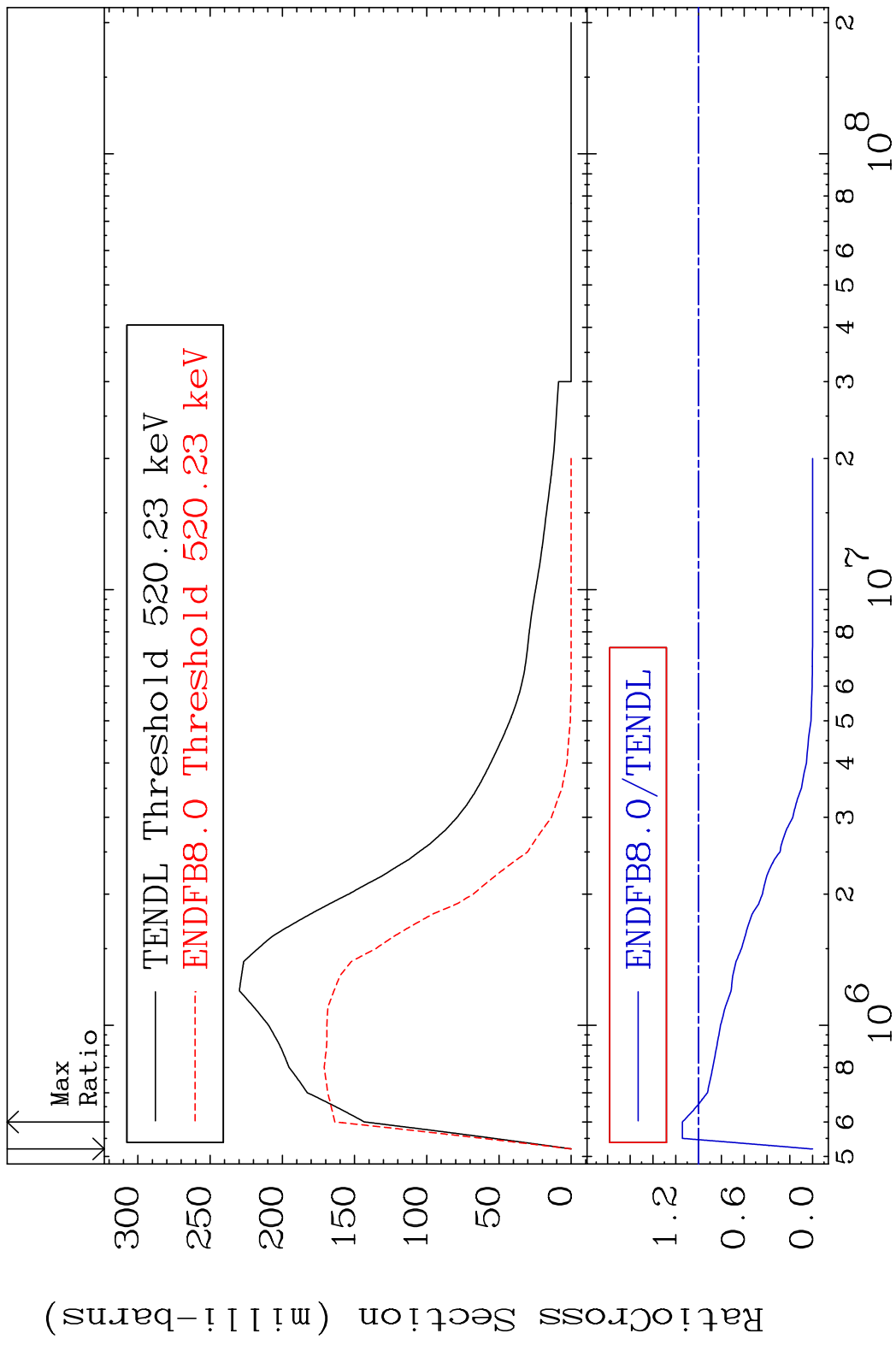


MAT 6040 MT= 56 (n,n') Level 60-Nd-147  
 Cross Section -100.0 To -3.967%

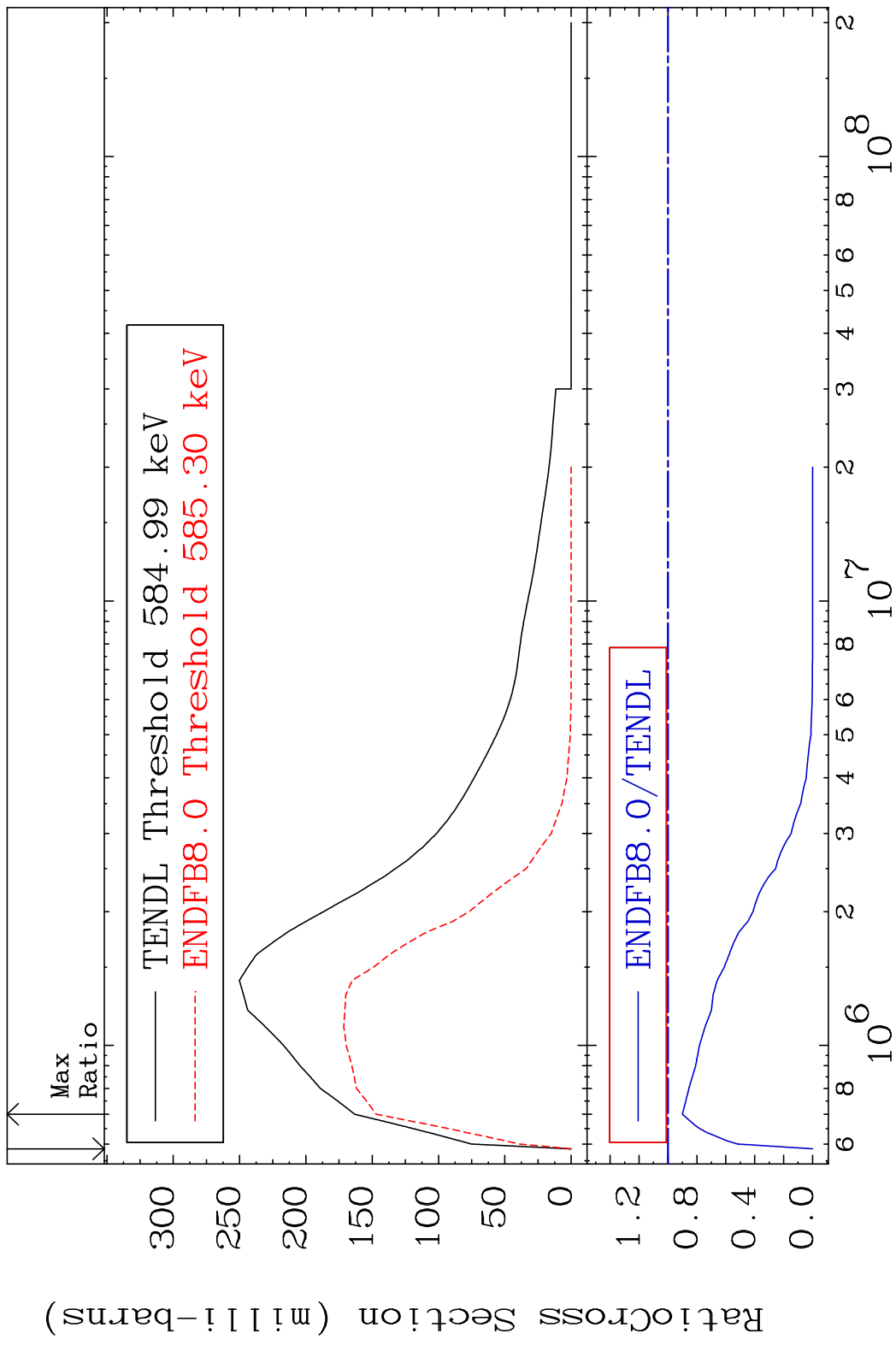




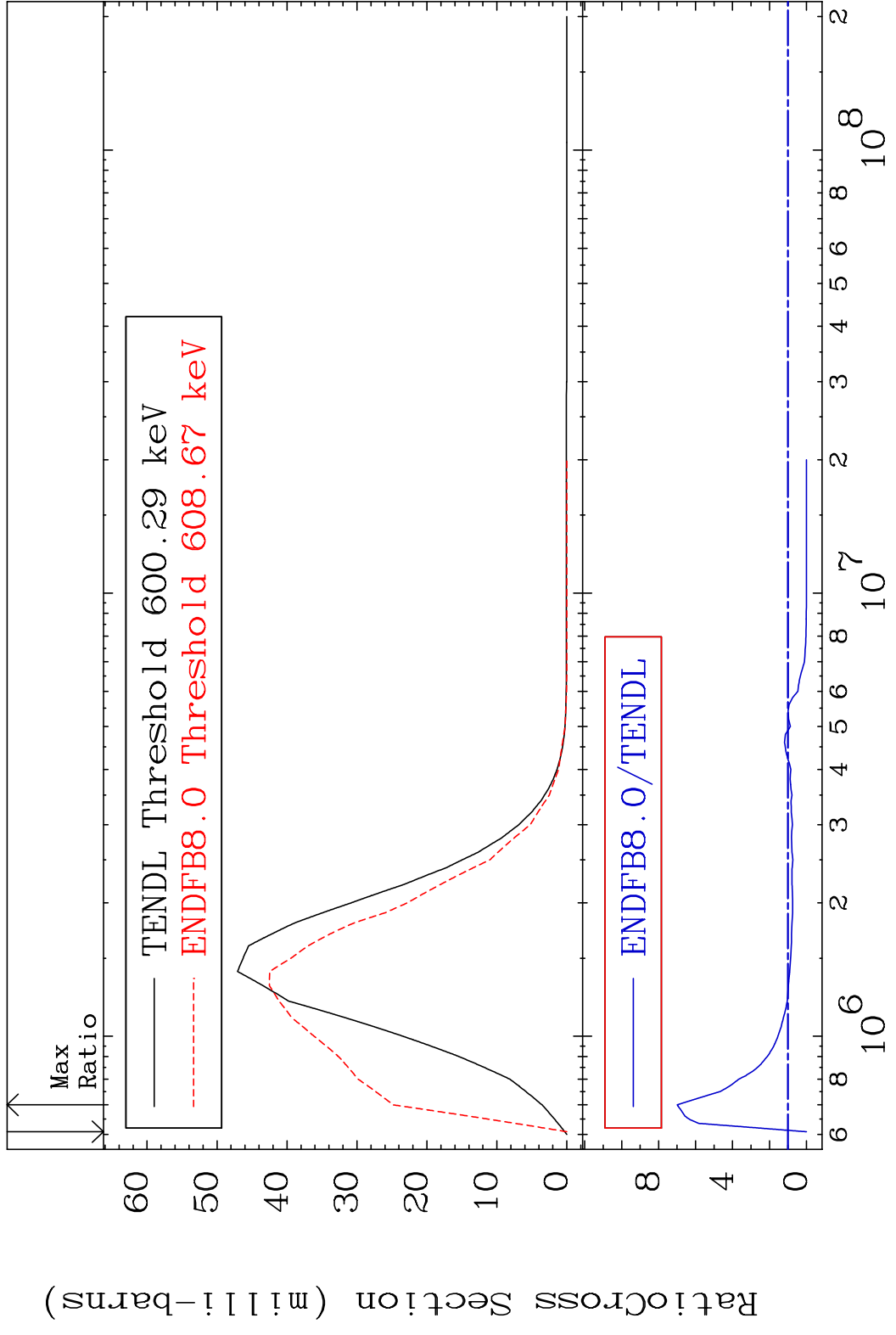
MAT 6040 MT= 57 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 14.29 %



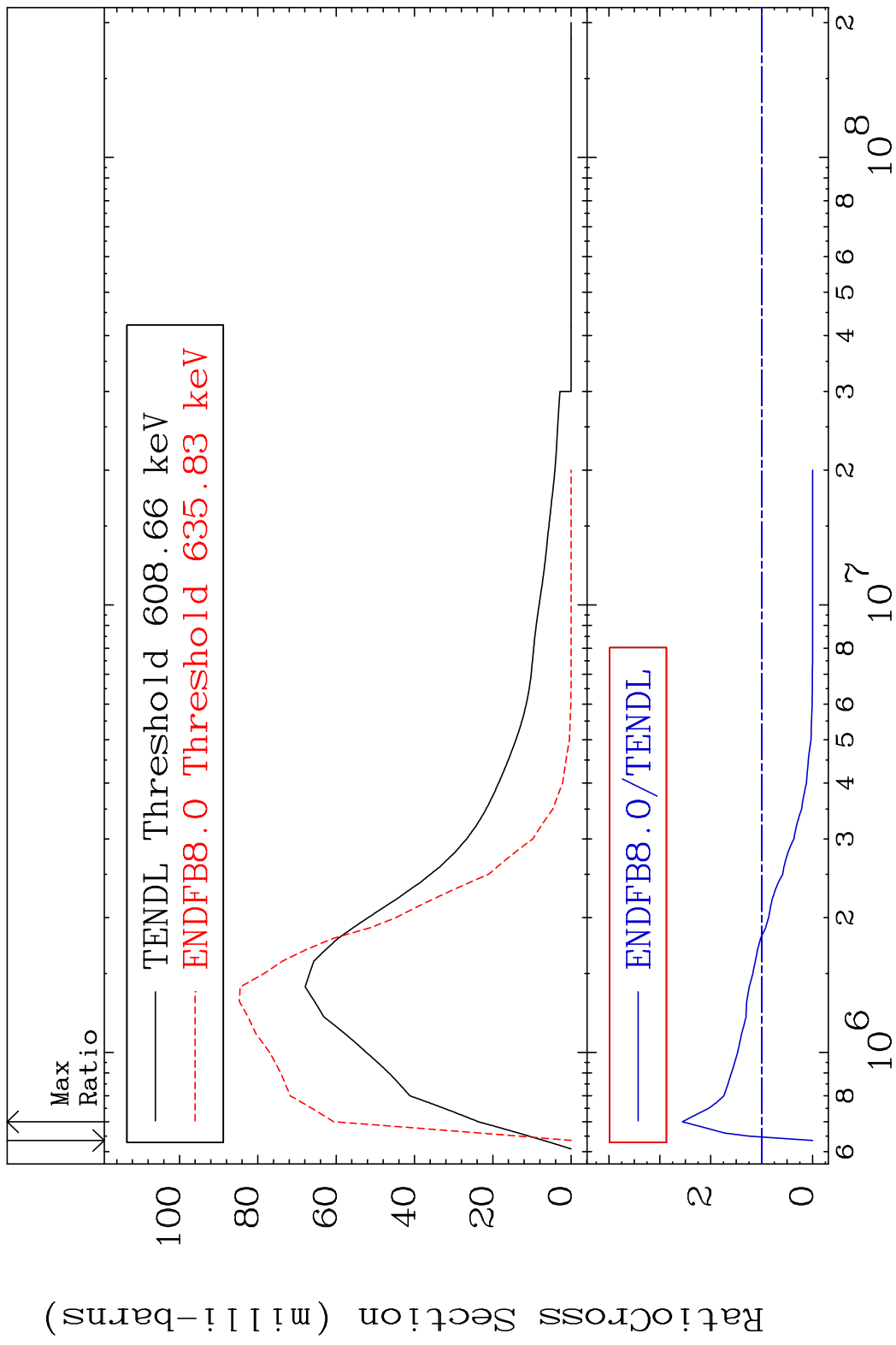
MAT 6040 MT= 58 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To -9.935%



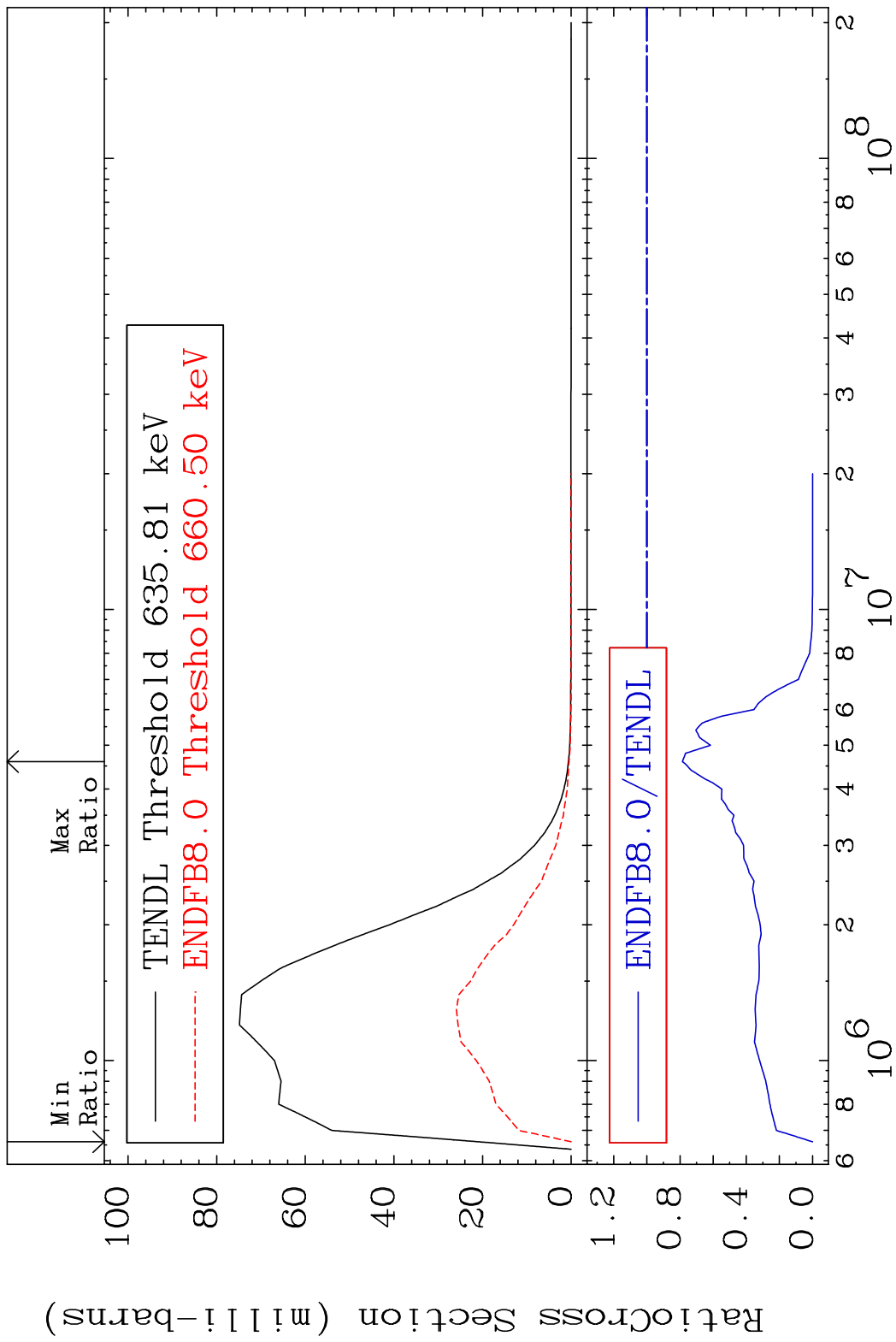
MAT 6040 MT= 59 (n,n') Level 60-Nd-147  
 Cross Section -100.0 To 599.5 %



MAT 6040 MT= 60 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 155.8 %

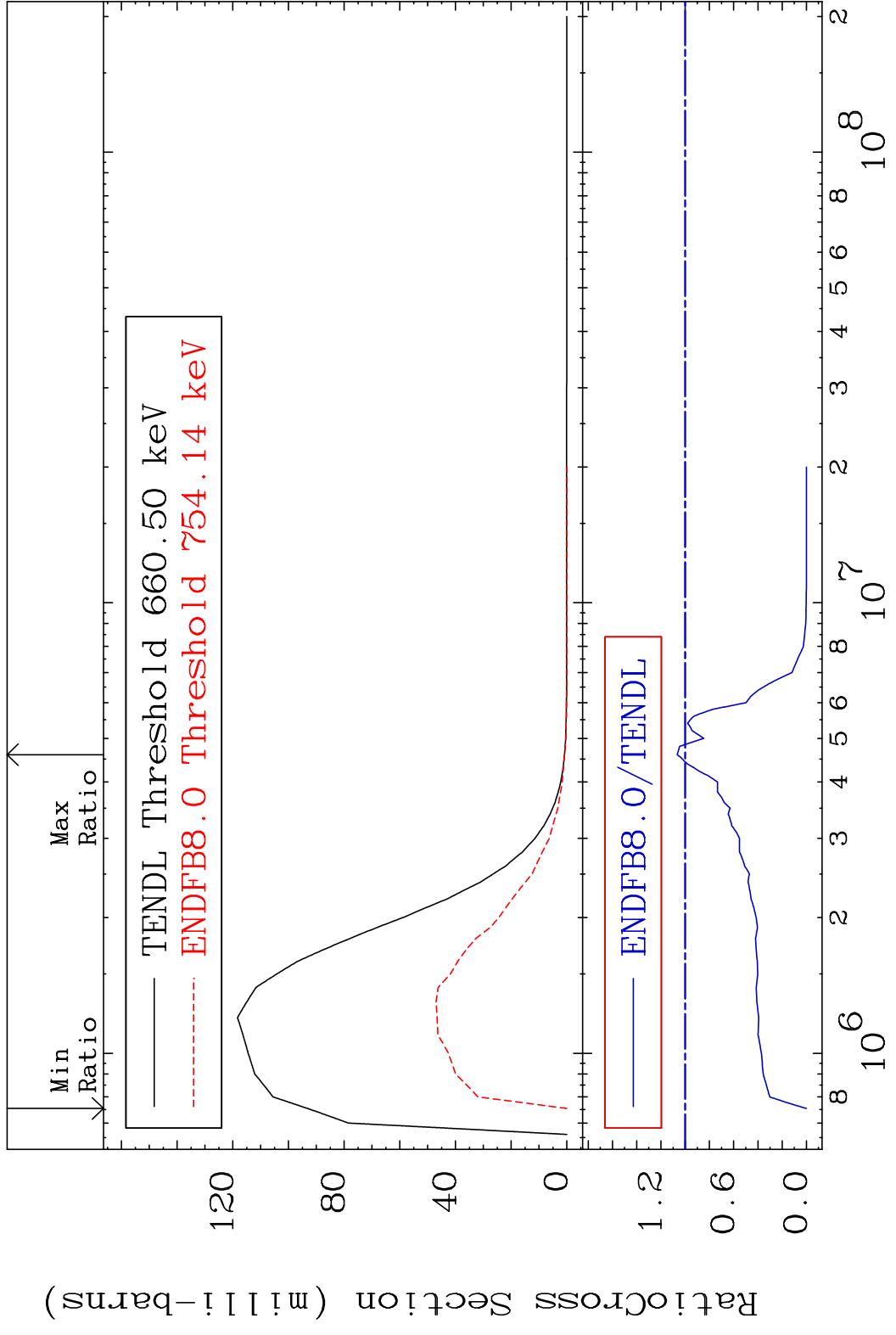


MAT 6040 MT= 61 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To -21.42%

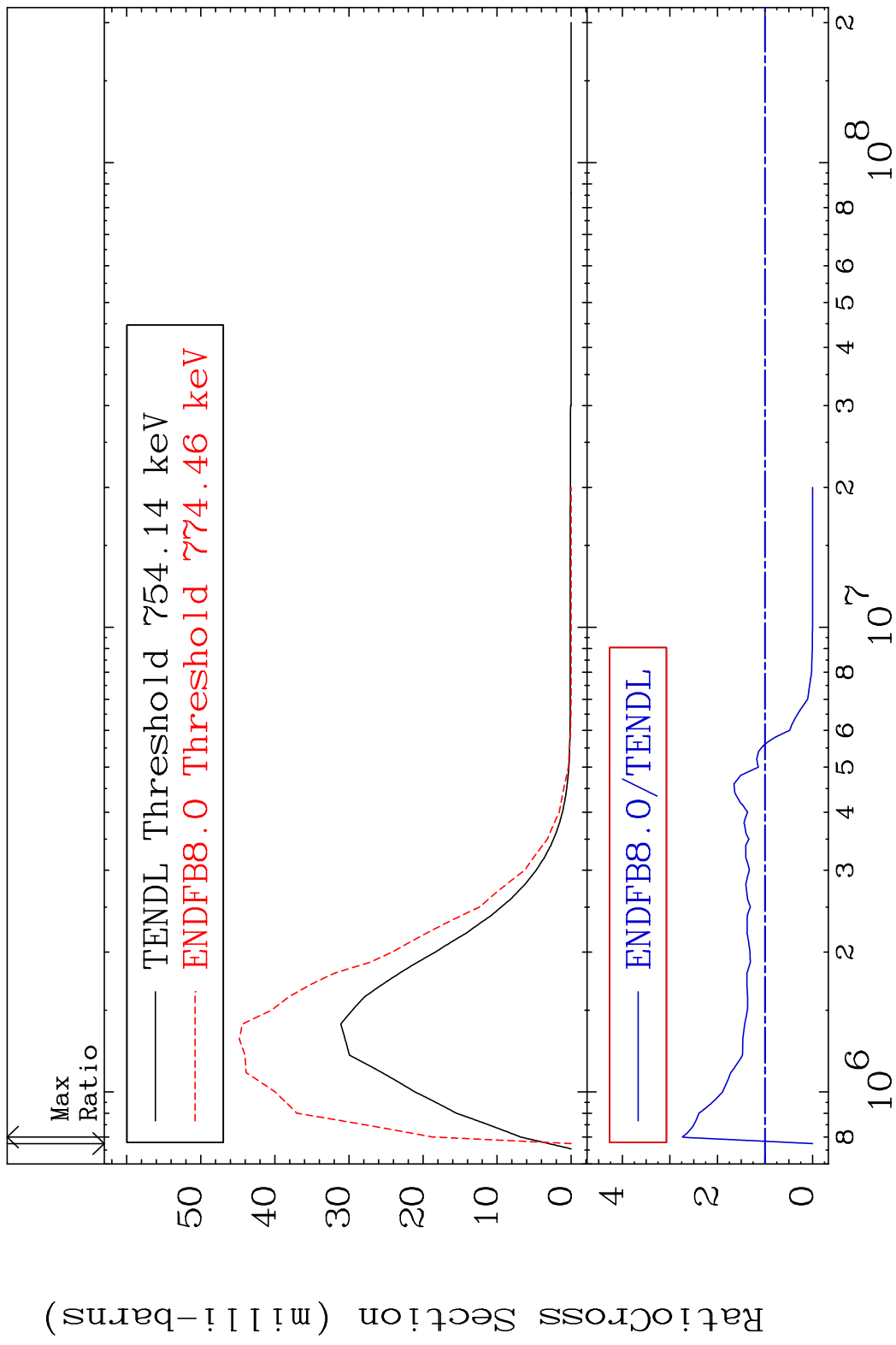


20 60-Nd-147

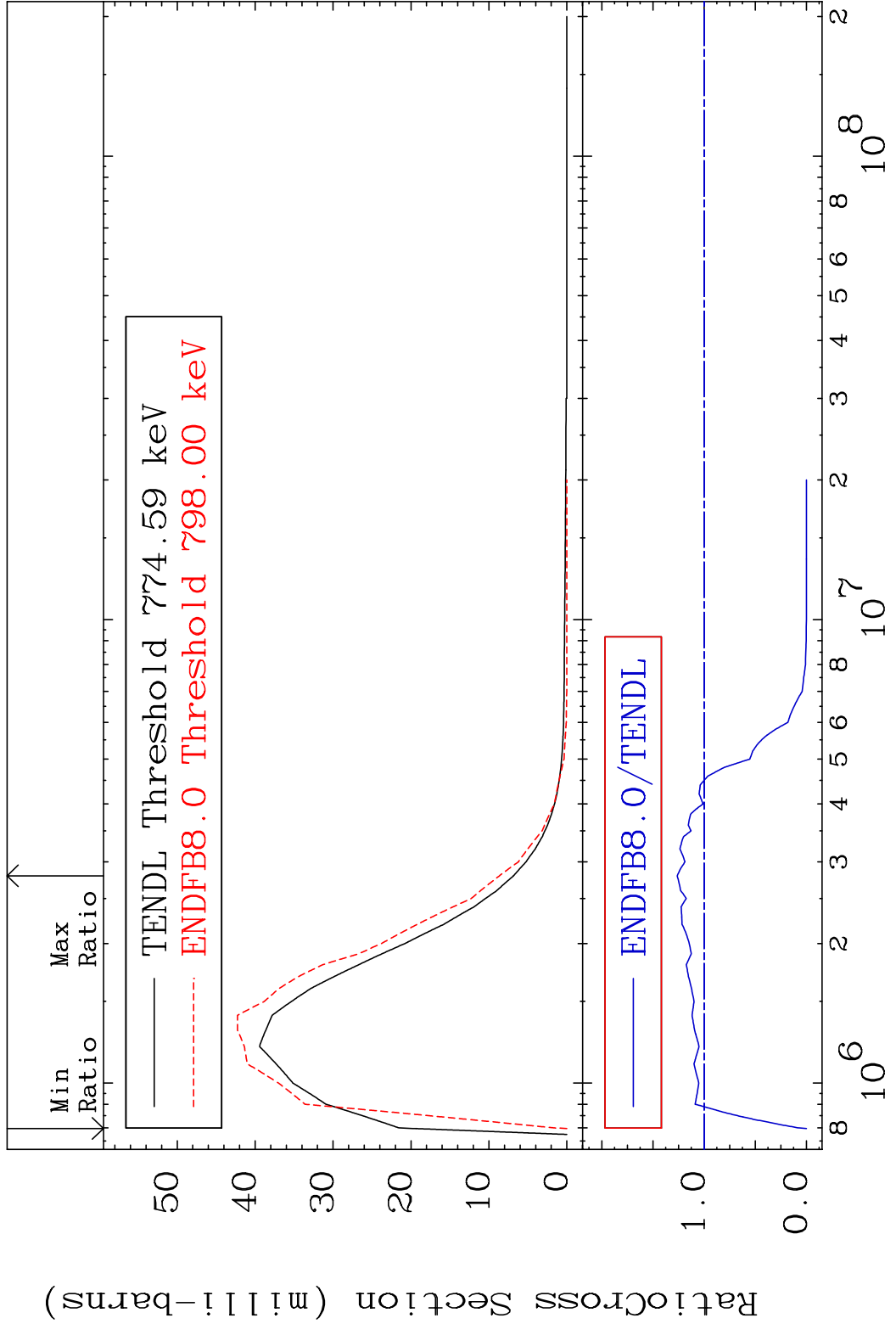
MAT 6040 MT= 62 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 6.596 %



MAT 6040 MT= 63 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 173.9 %

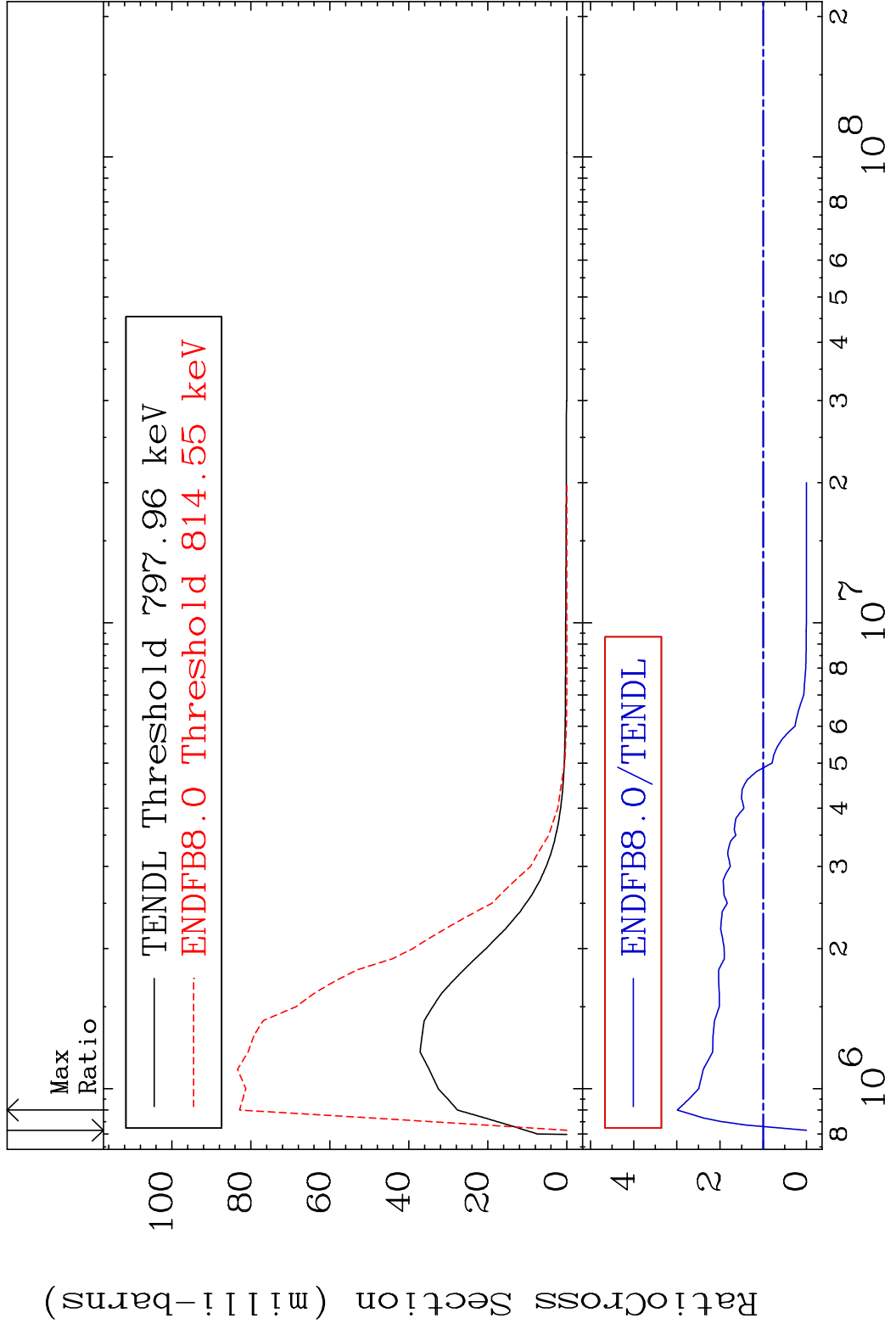


MAT 6040 MT= 64 (n,n') Level 60-Nd-147  
 Cross Section -100.0 To 26.32 %

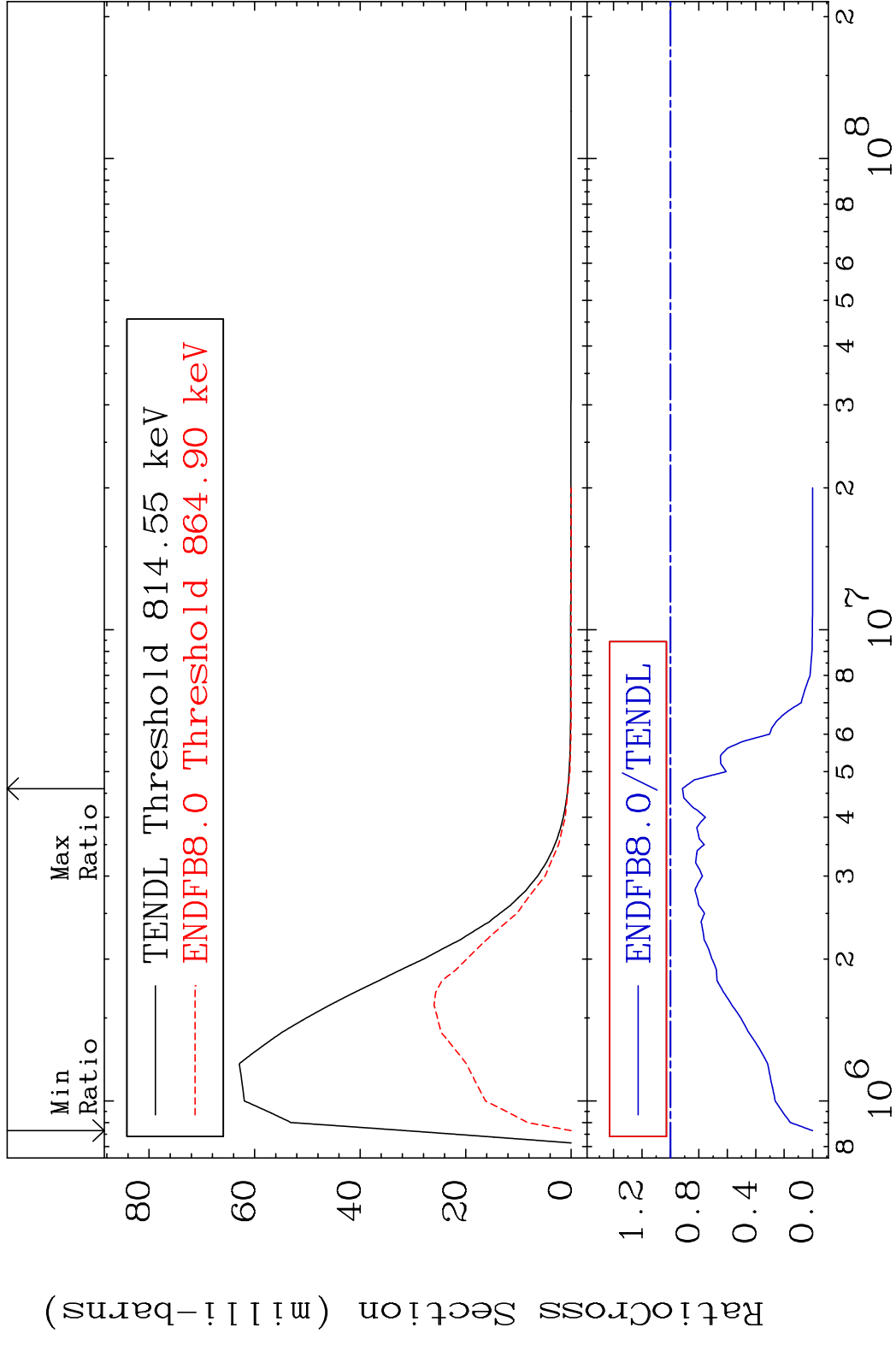




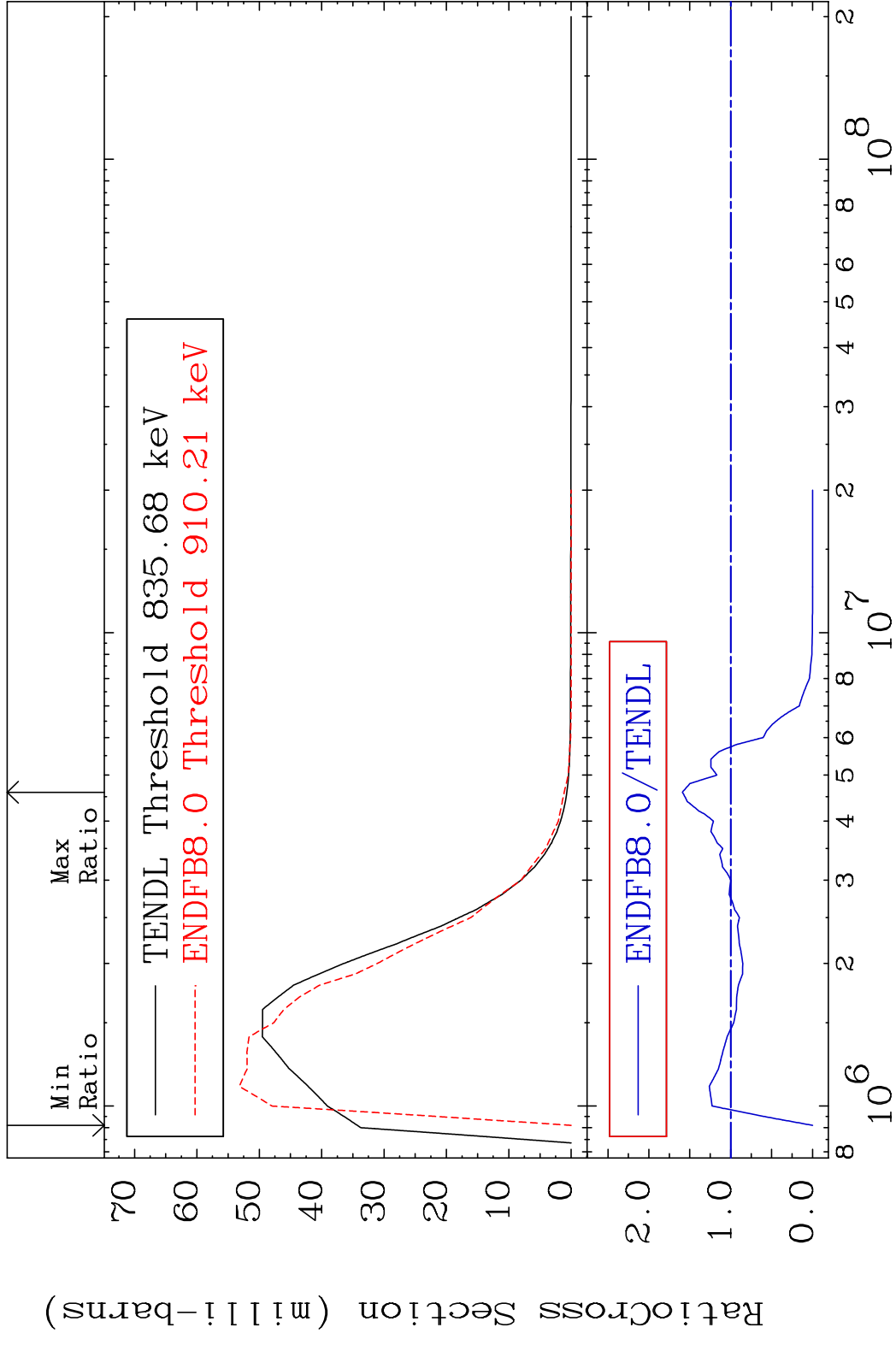
MAT 6040 MT= 65 (n,n') Level 60-Nd-147  
 Cross Section -100.0 To 199.3 %



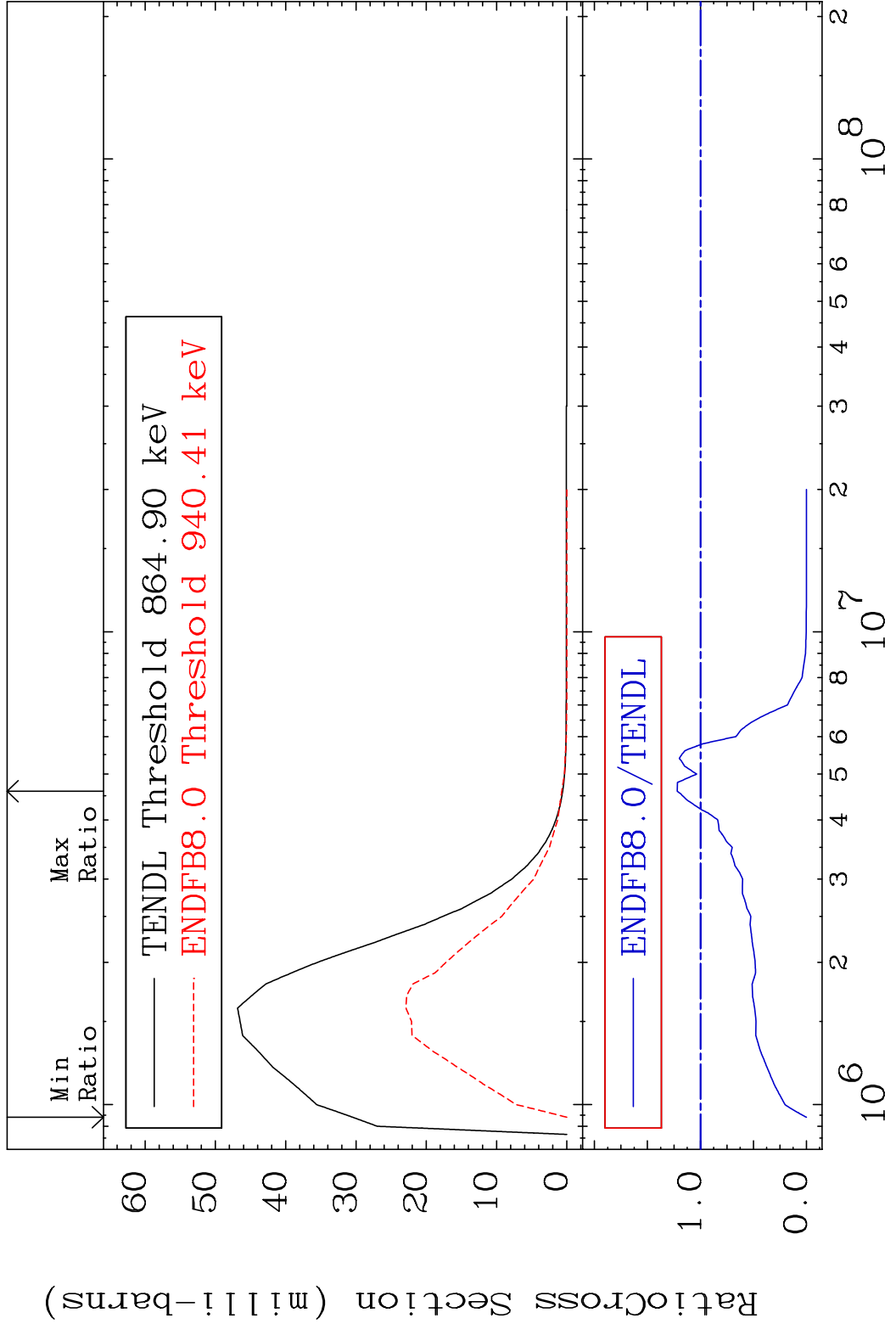
MAT 6040 MT= 66 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To -8.375%



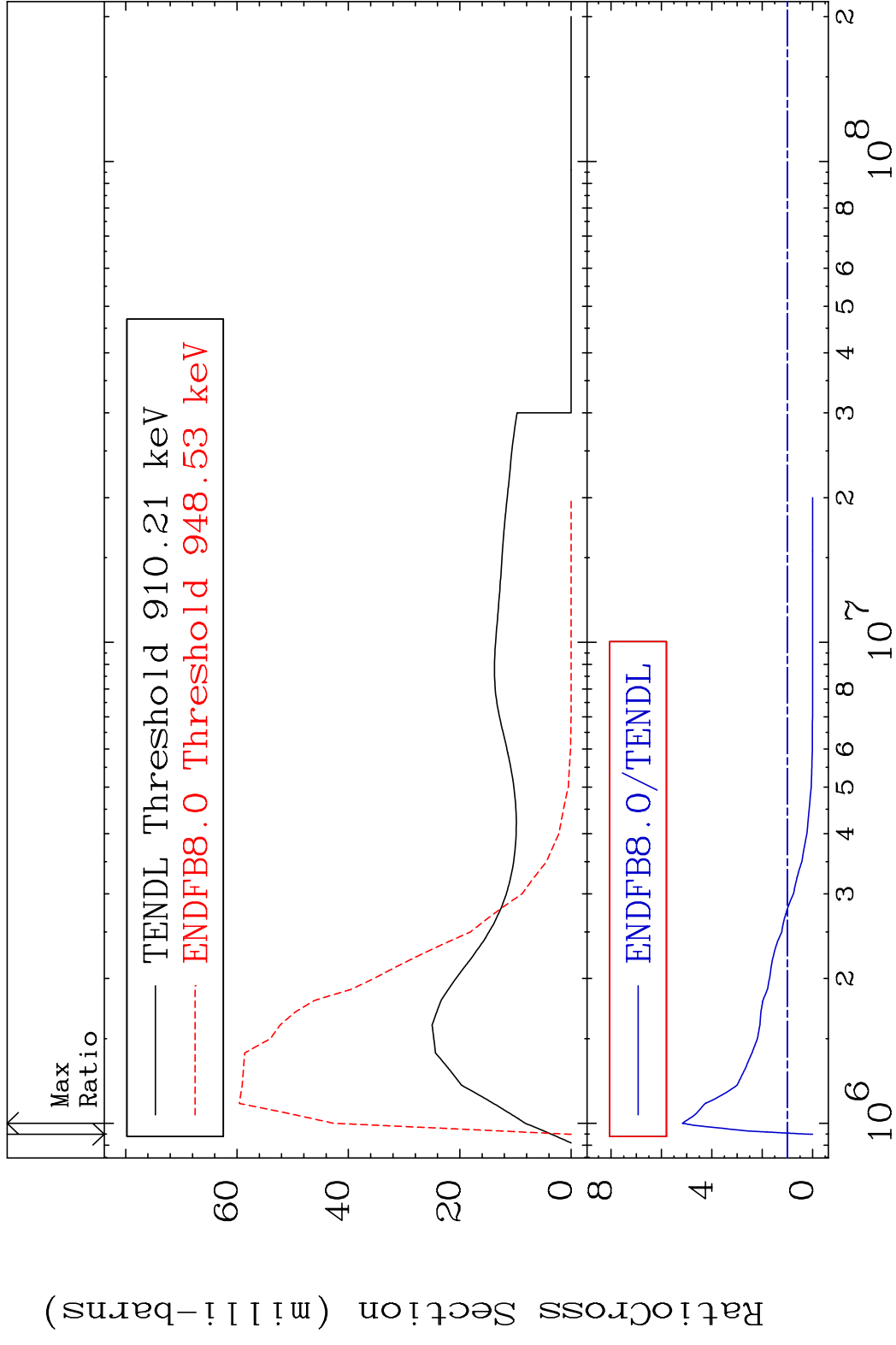
MAT 6040 MT= 67 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 59.08 %



MAT 6040 MT= 68 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 21.94 %

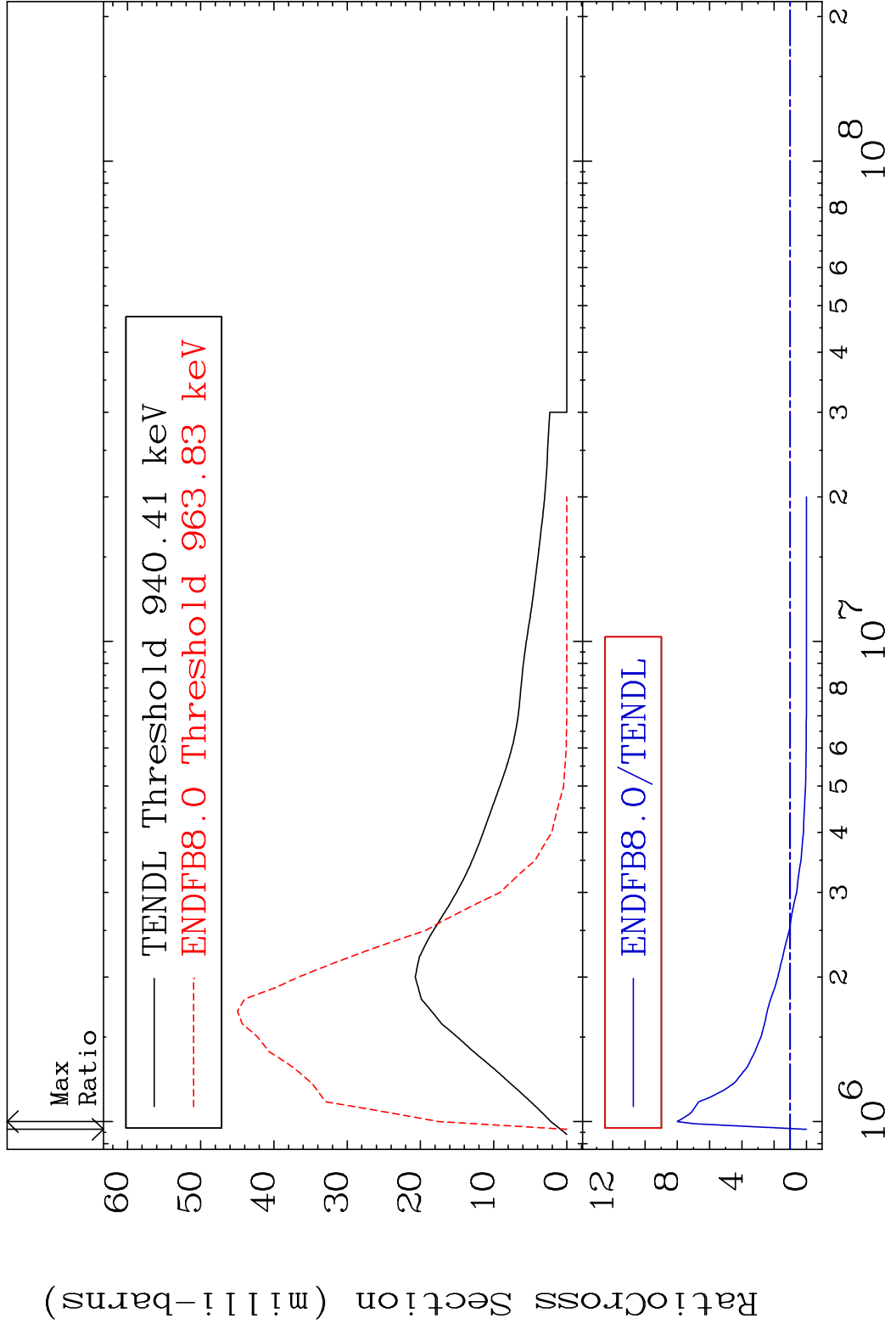


MAT 6040 MT= 69 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 417.1 %



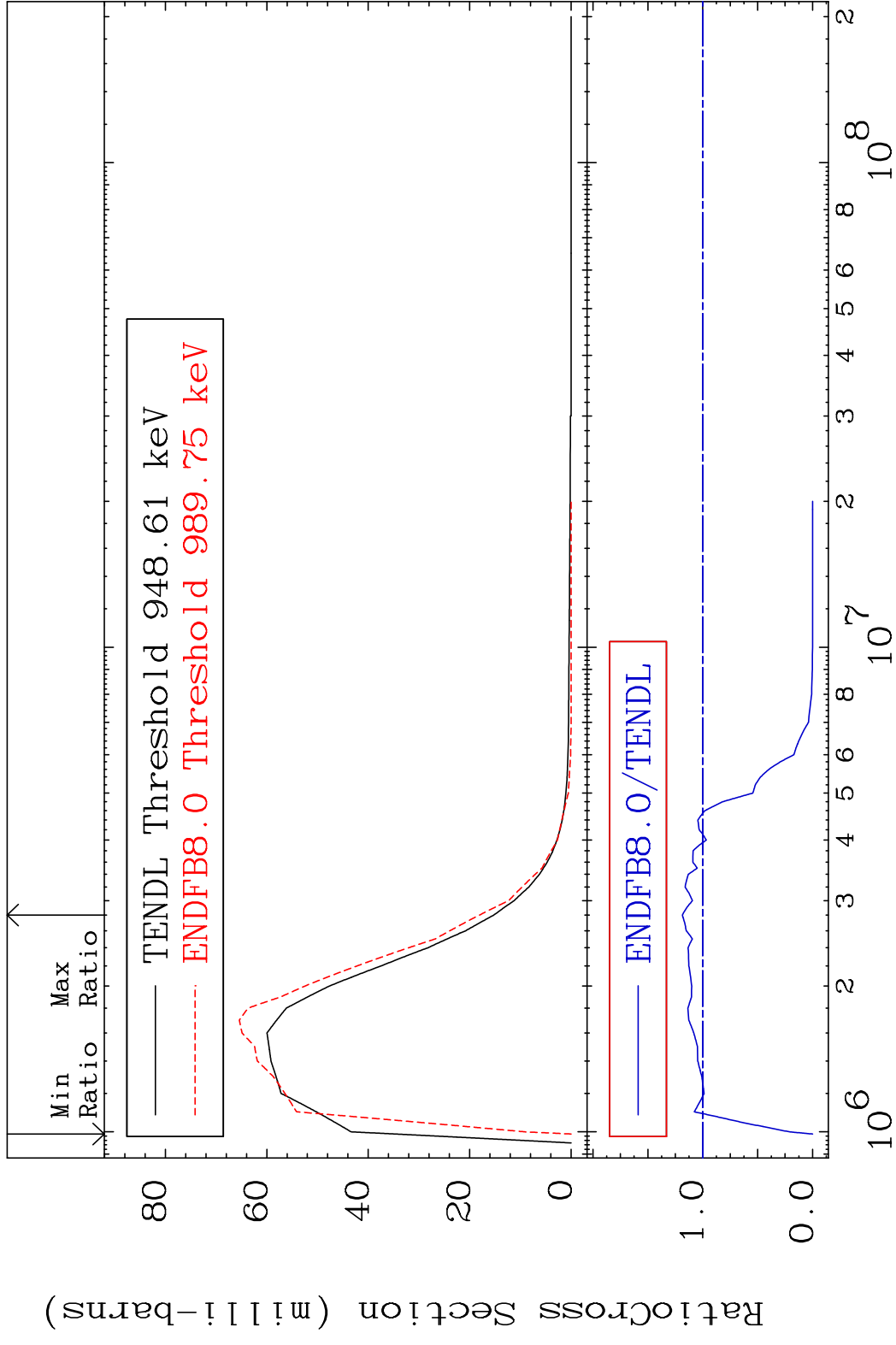
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MAT 6040 MT= 70 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 700.8 %



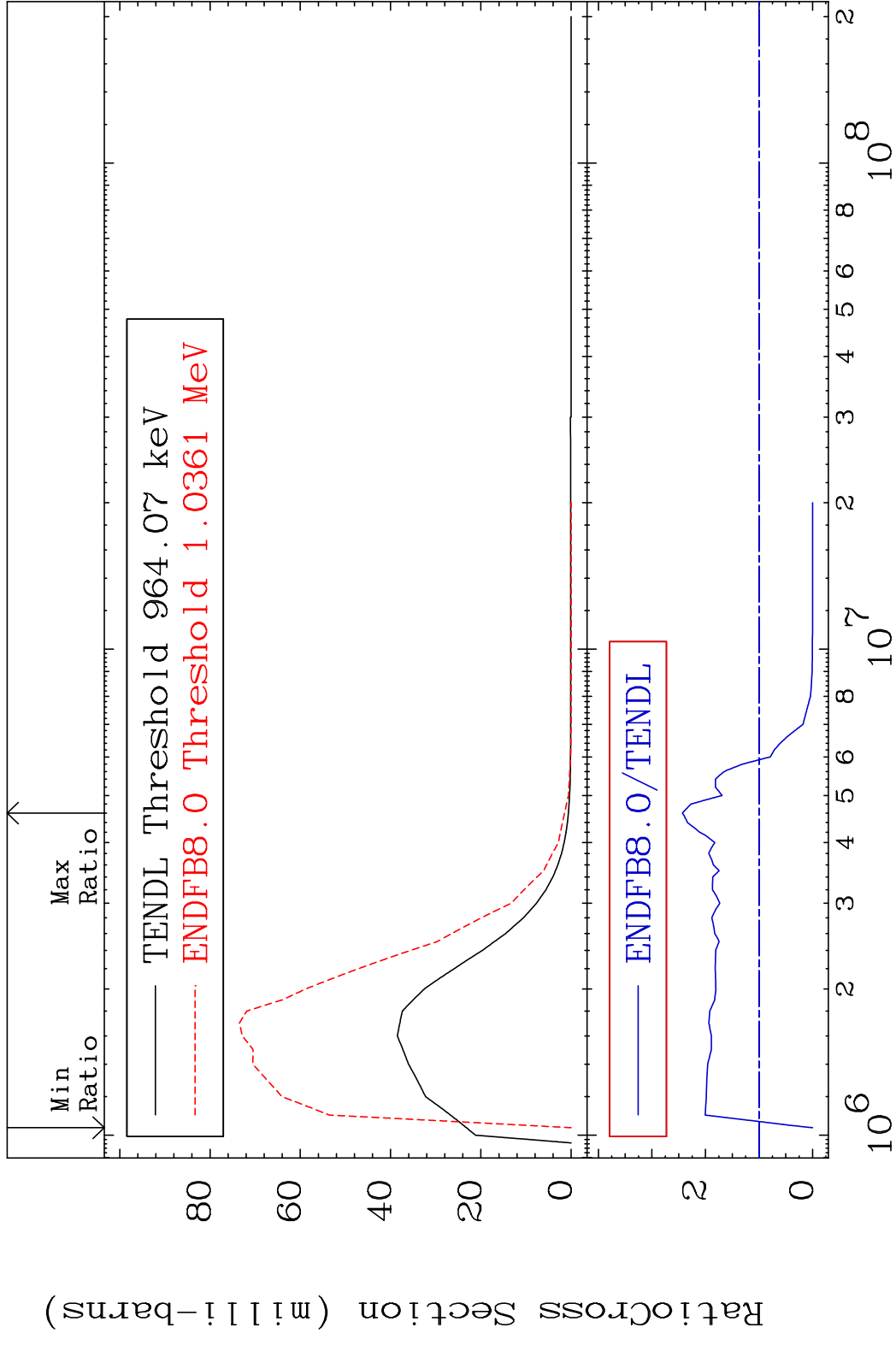
29 Incident Energy (eV) 60-Nd-147

MAT 6040 MT= 71 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 18.57 %



30 Incident Energy (eV) 60-Nd-147

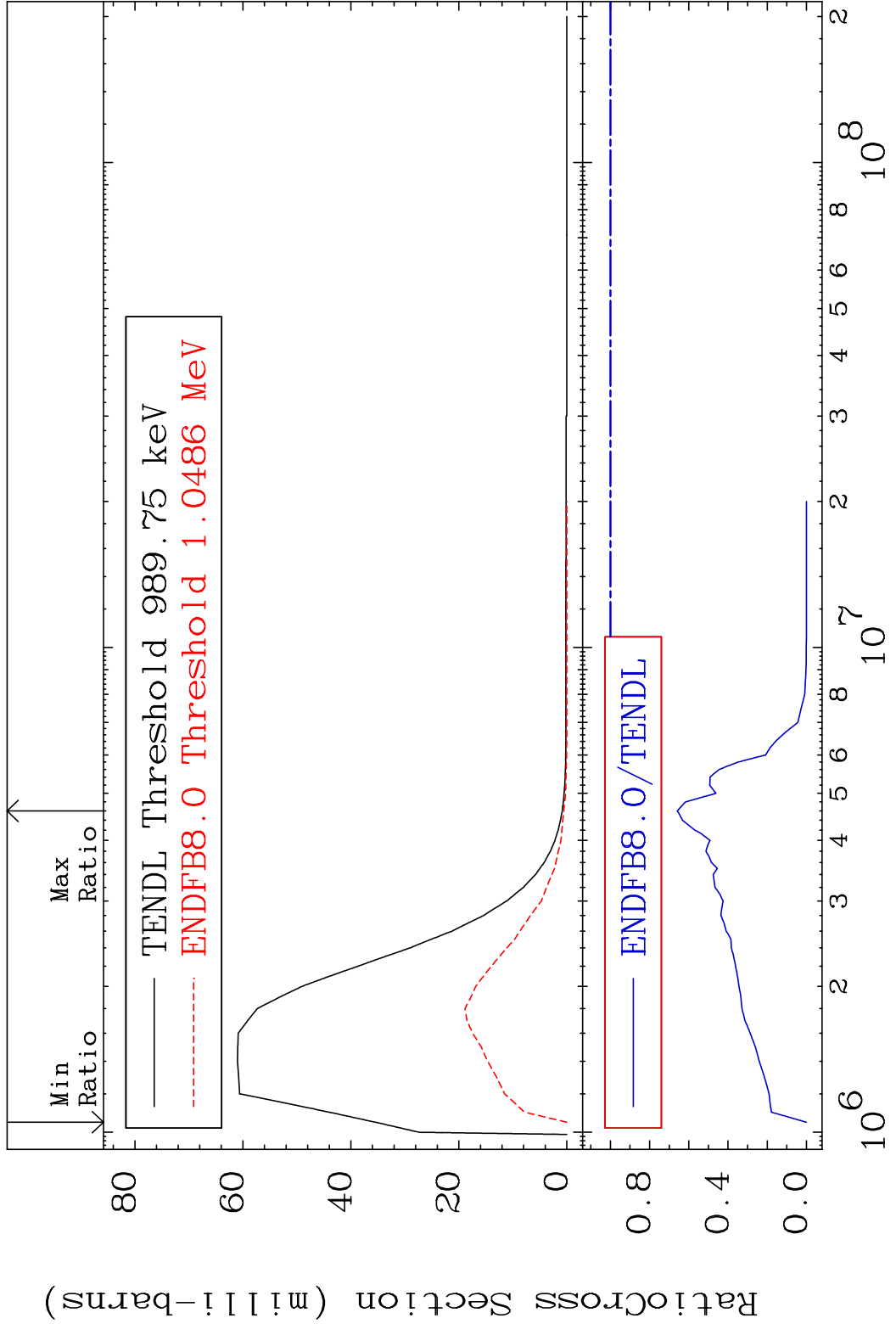
MAT 6040 MT= 72 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To 143.2 %



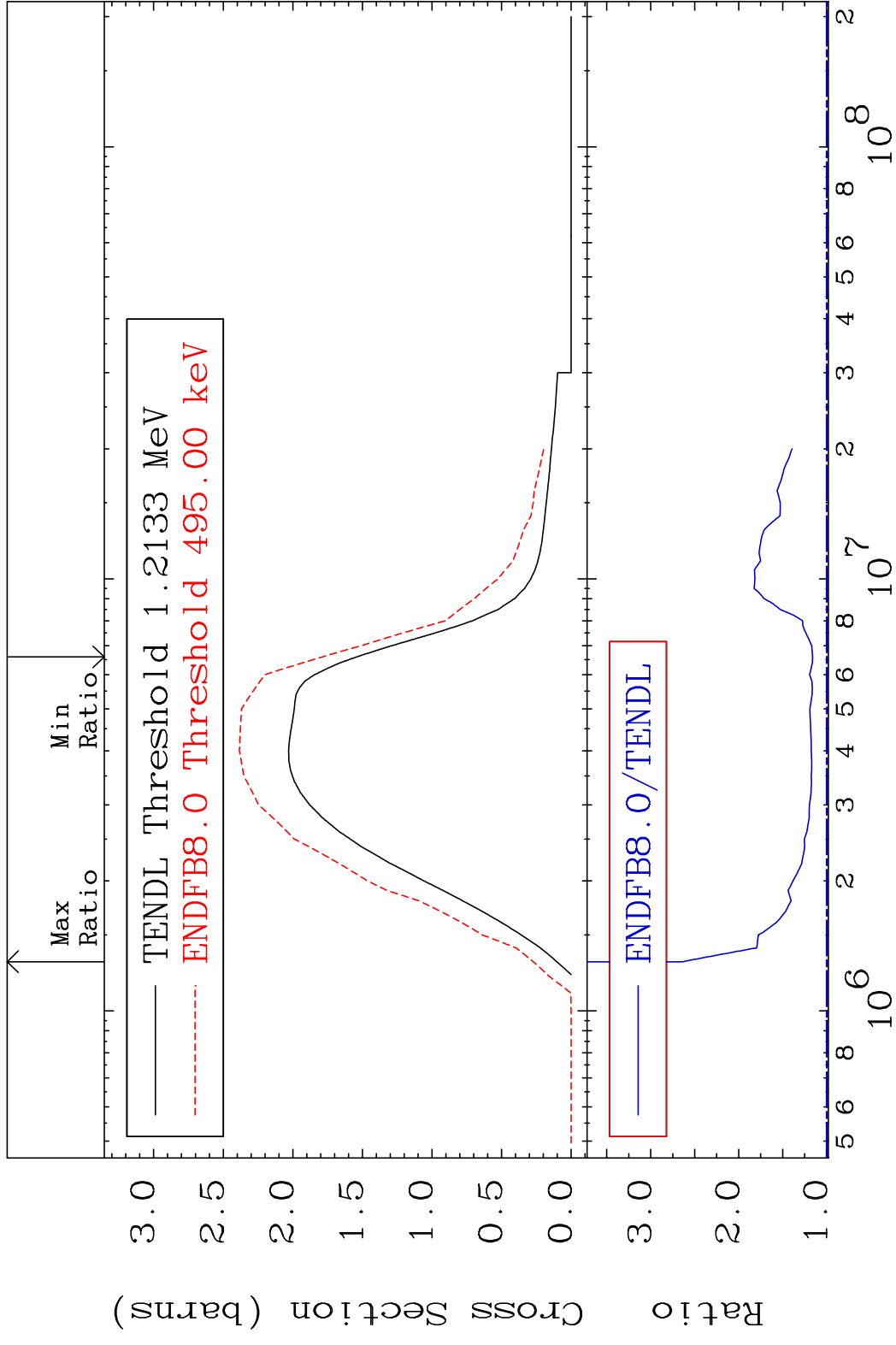
31 Incident Energy (eV) 60-Nd-147



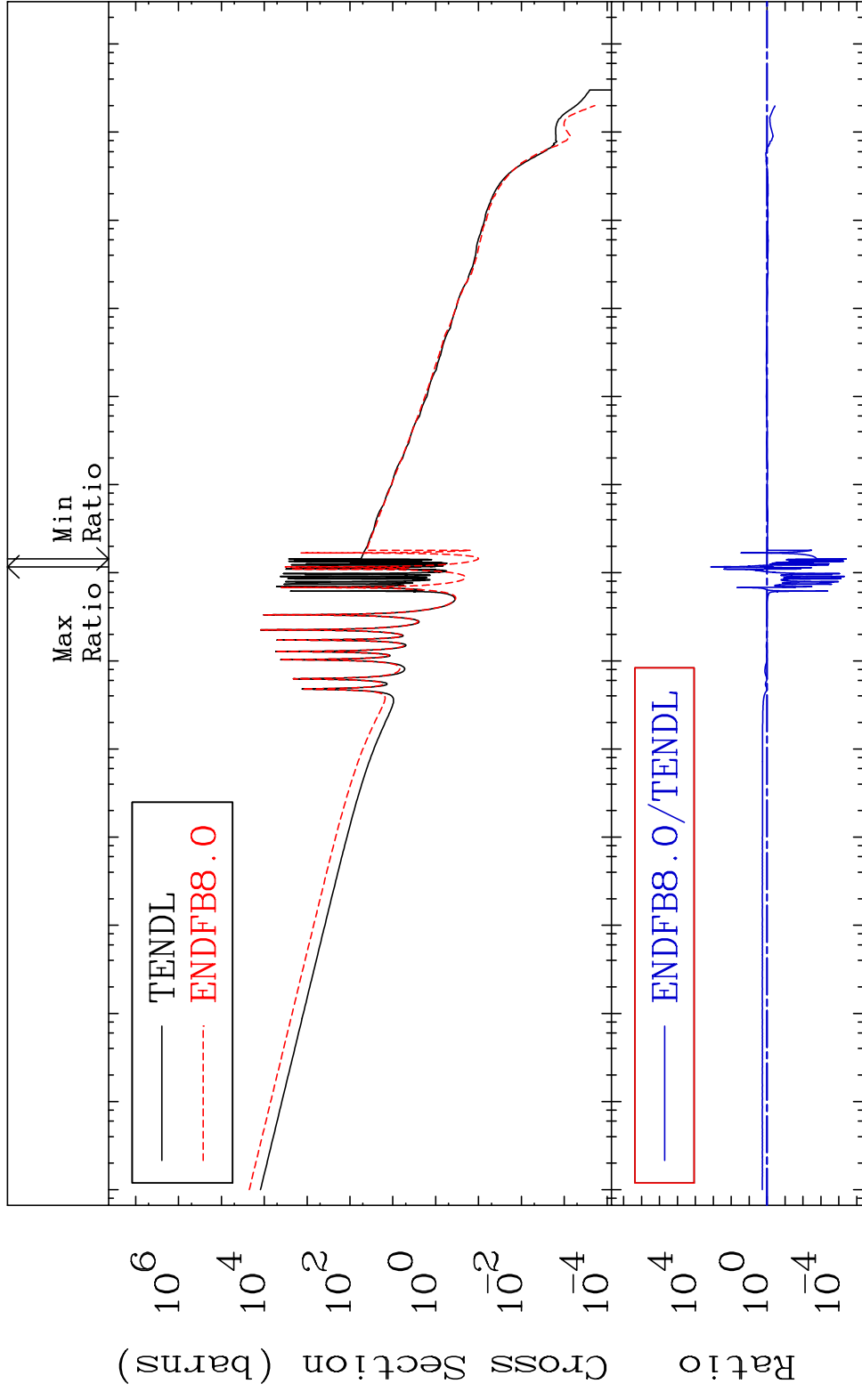
MAT 6040 MT= 73 (n, n') Level 60-Nd-147  
 Cross Section -100.0 To -34.08%



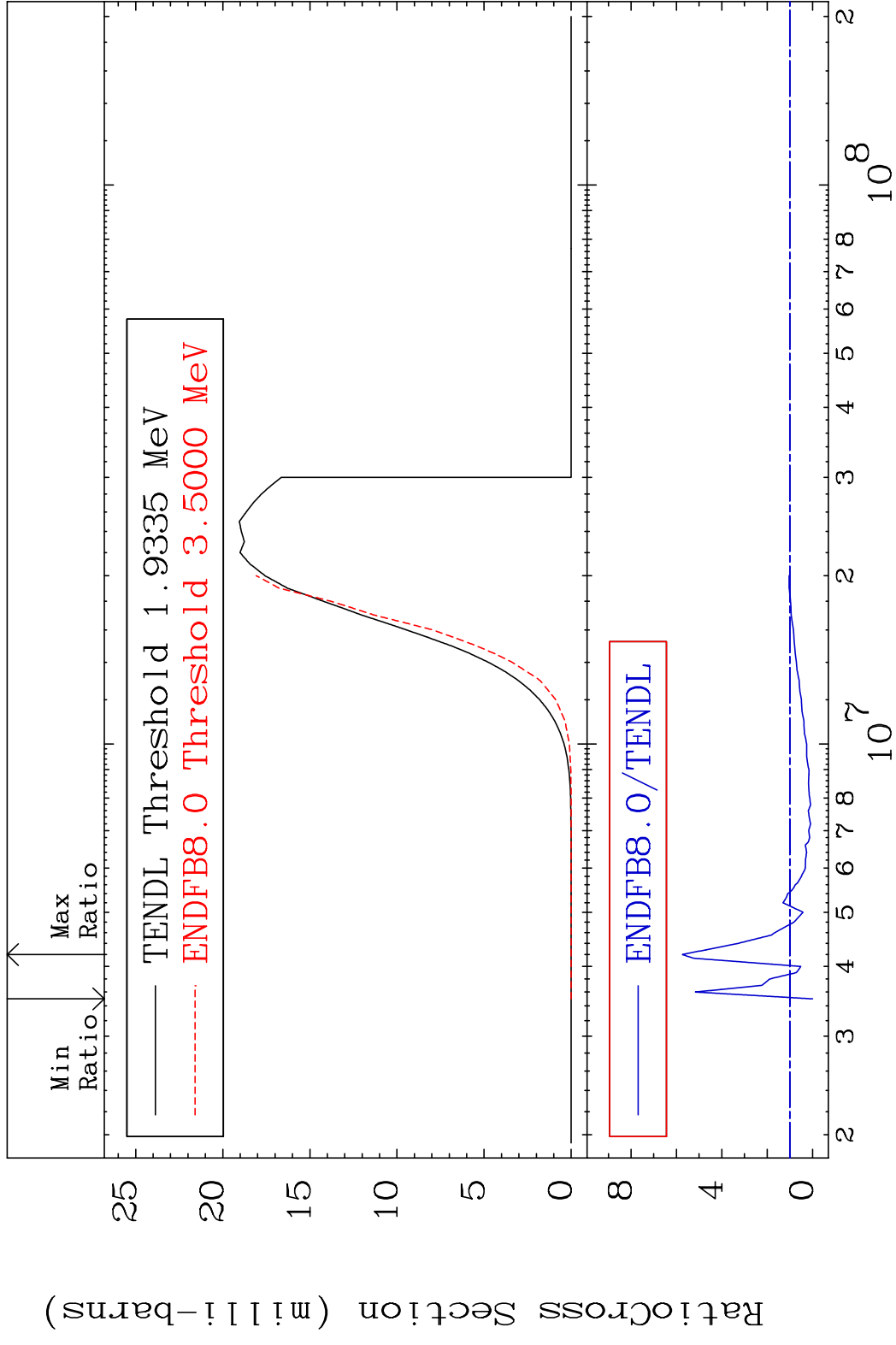
MAT 6040 (n,n') Continuum 60-Nd-147  
 Cross Section 16.00 To 164.0 %



MAT 6040 (n,  $\gamma$ ) 60-Nd-147  
 Cross Section -100.0 To 9999. %

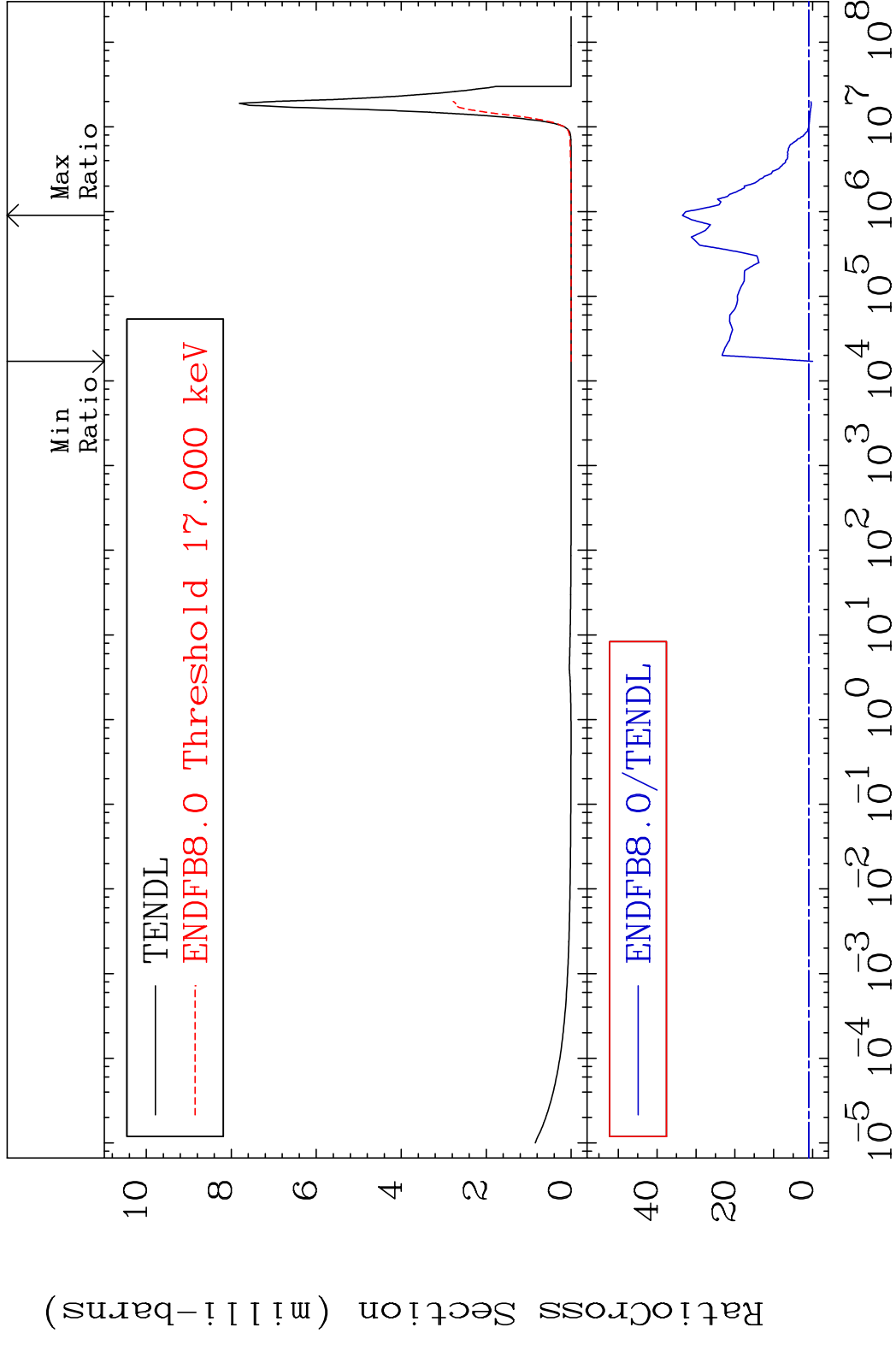


MAT 6040 (n,p) 60-Nd-147  
 Cross Section -100.0 To 474.0 %

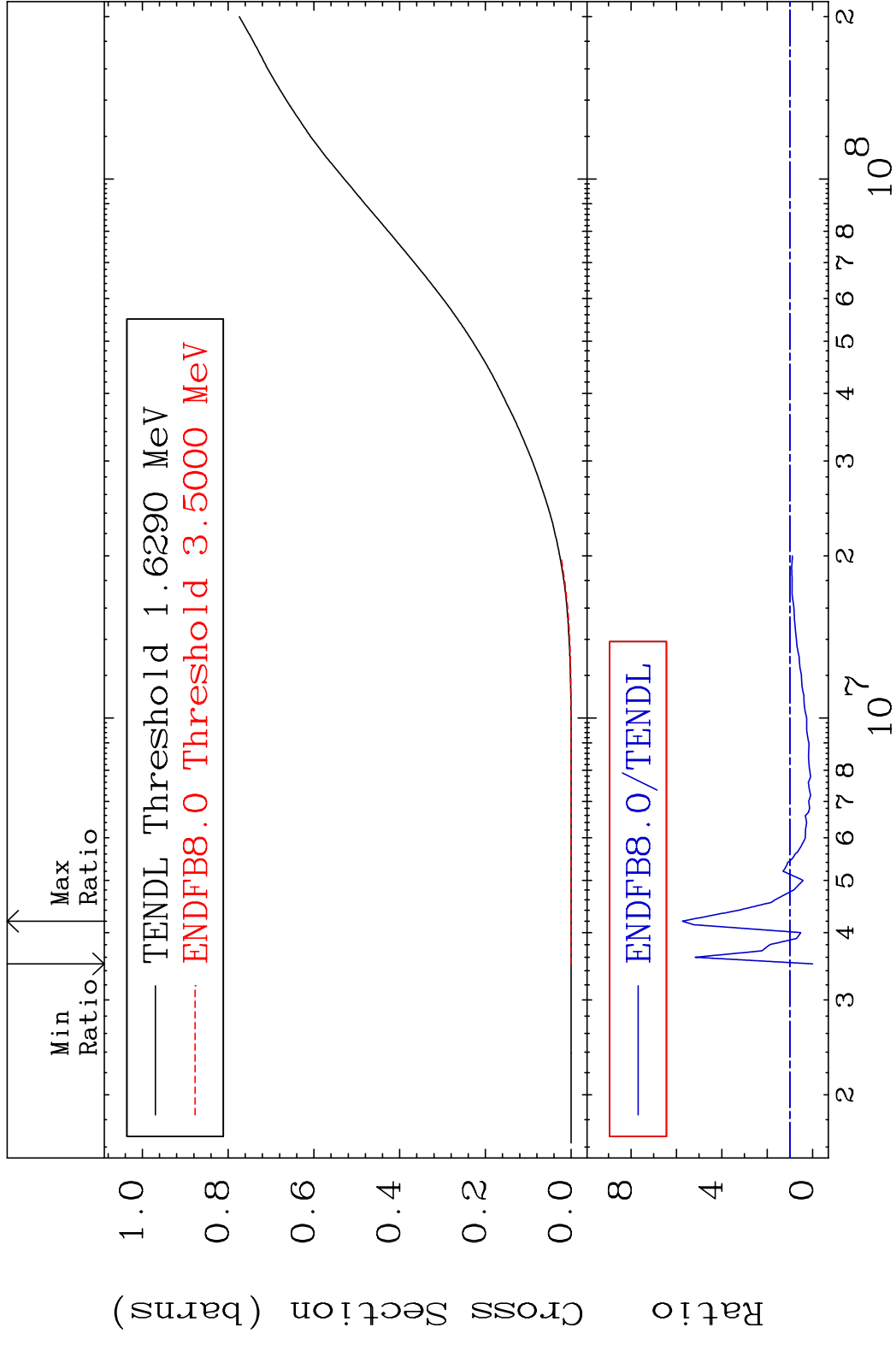


35 Incident Energy (eV) 60-Nd-147

MAT 6040 (n,α) 60-Nd-147  
 Cross Section -100.0 To 3251. %



MAT 6040 Hydrogen Production 60-Nd-147  
 Cross Section -100.0 To 474.0 %

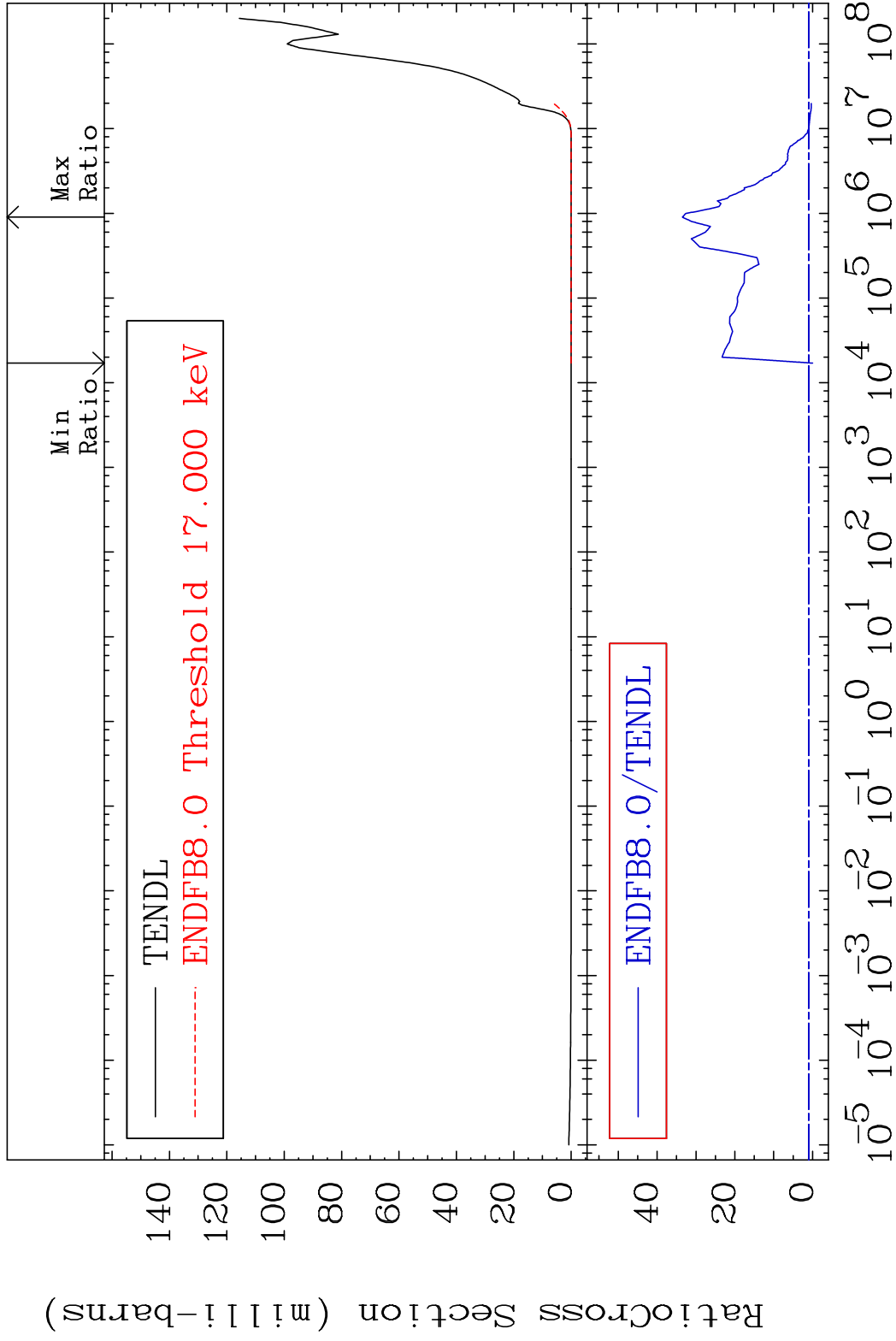


MAT 6040

He-4 Production

60-Nd-147

Cross Section -100.0 To 3251. %

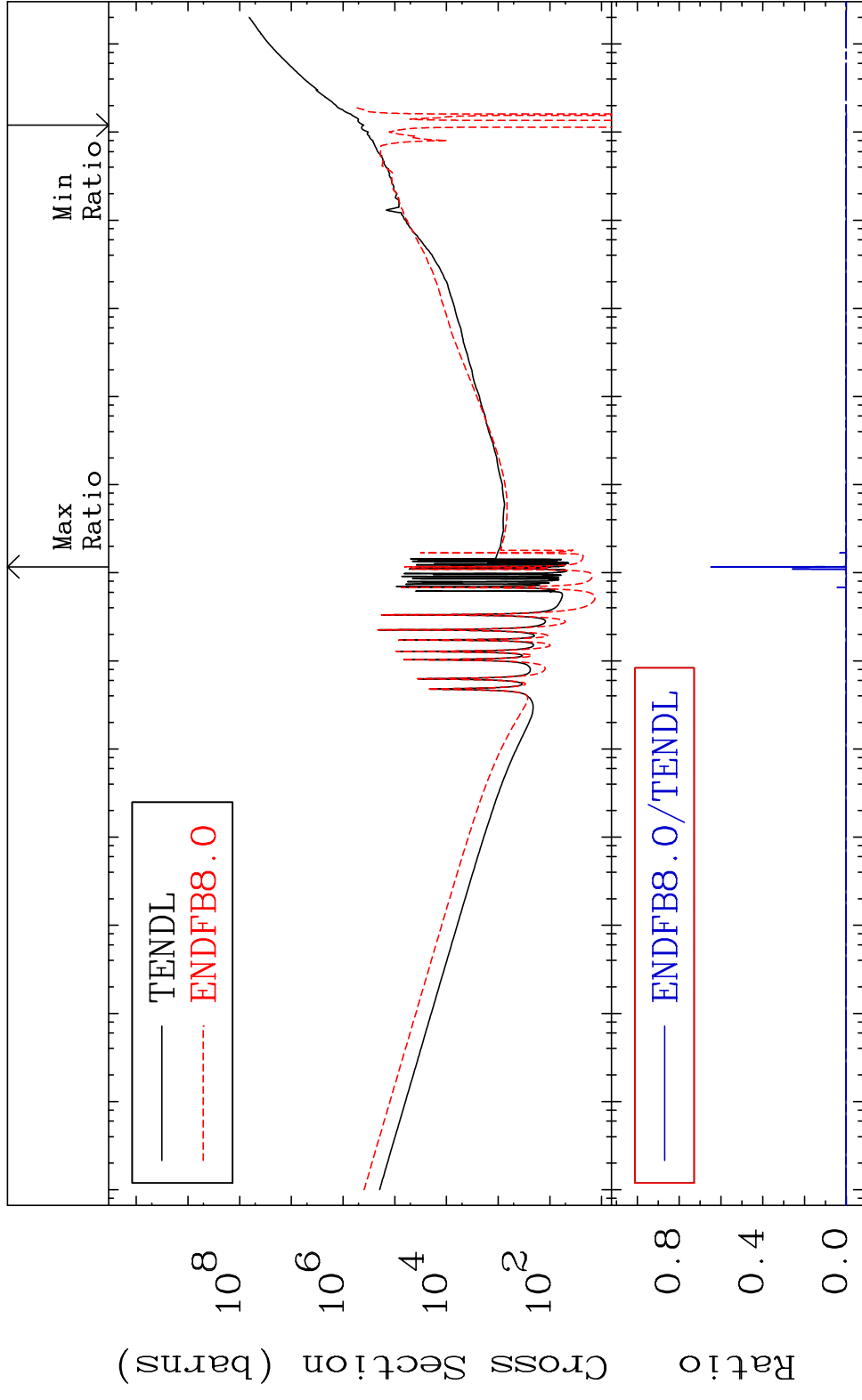


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Incident Energy (eV)

60-Nd-147

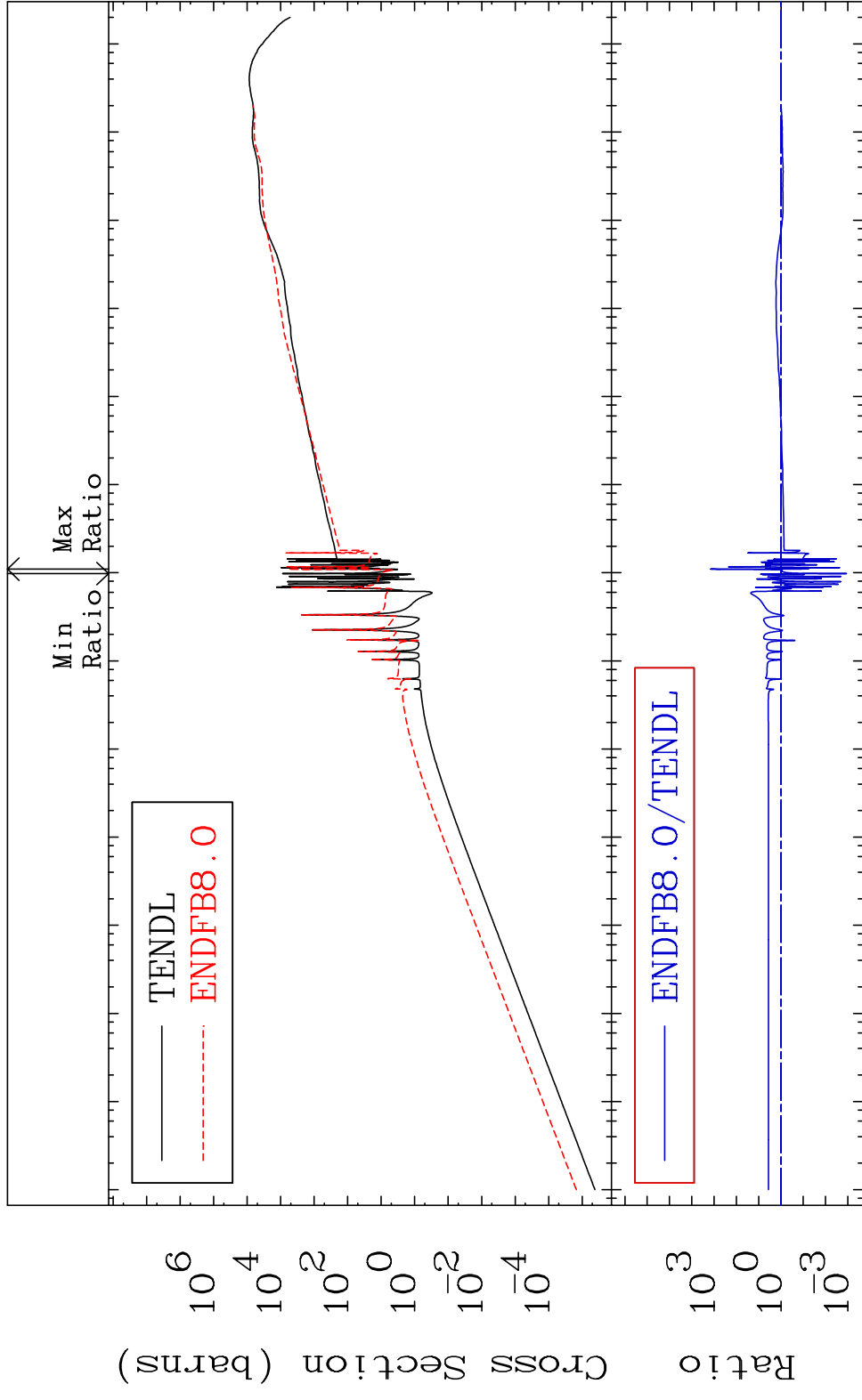
MAT 6040 Kerma total (eV-barns) 60-Nd-147  
 Cross Section -121.1 To 9999. %



39 Incident Energy (eV) 60-Nd-147

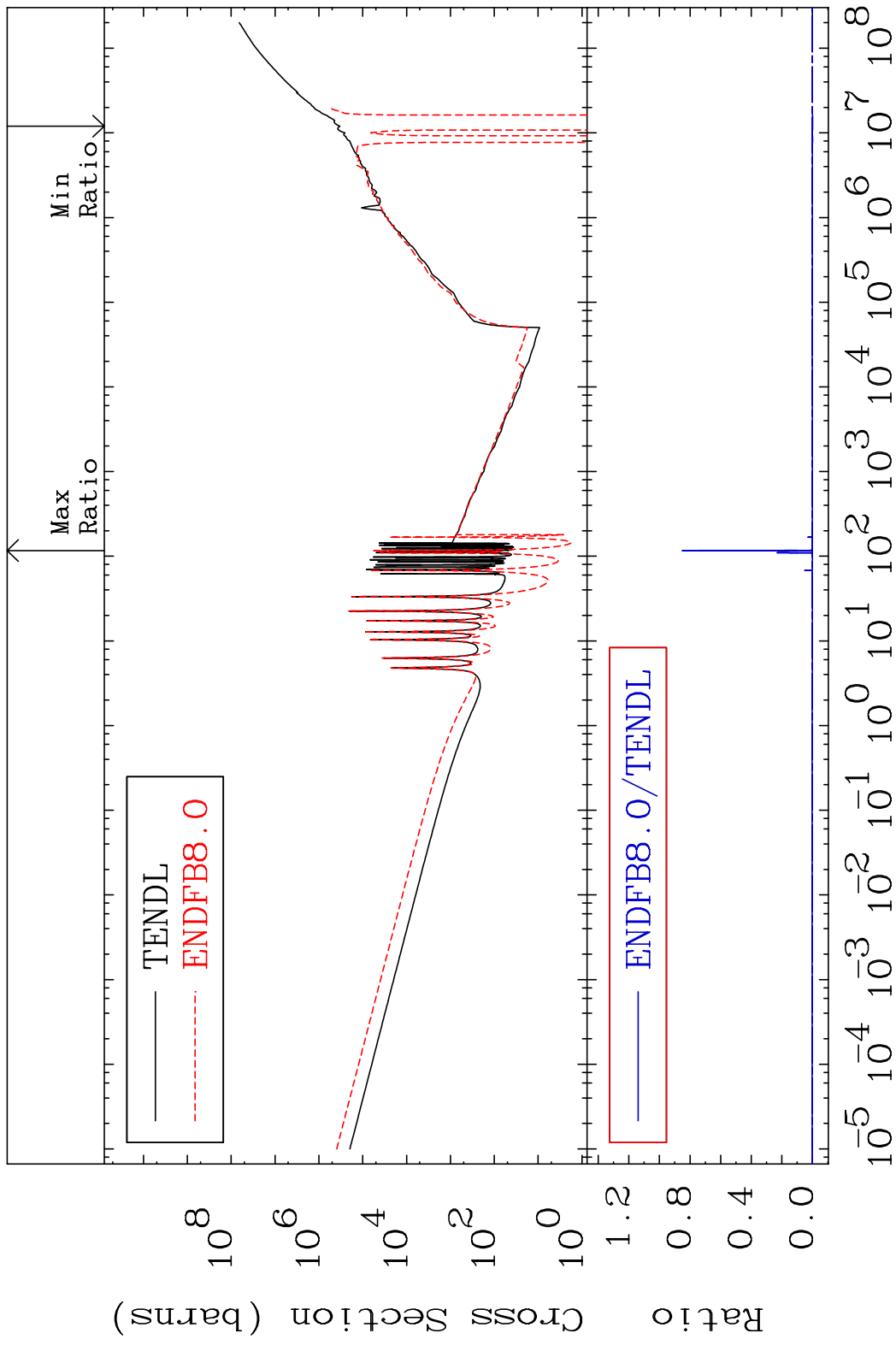


MAT 6040 Kerma elastic Cross Section -99.88 To 9999. % 60-Nd-147

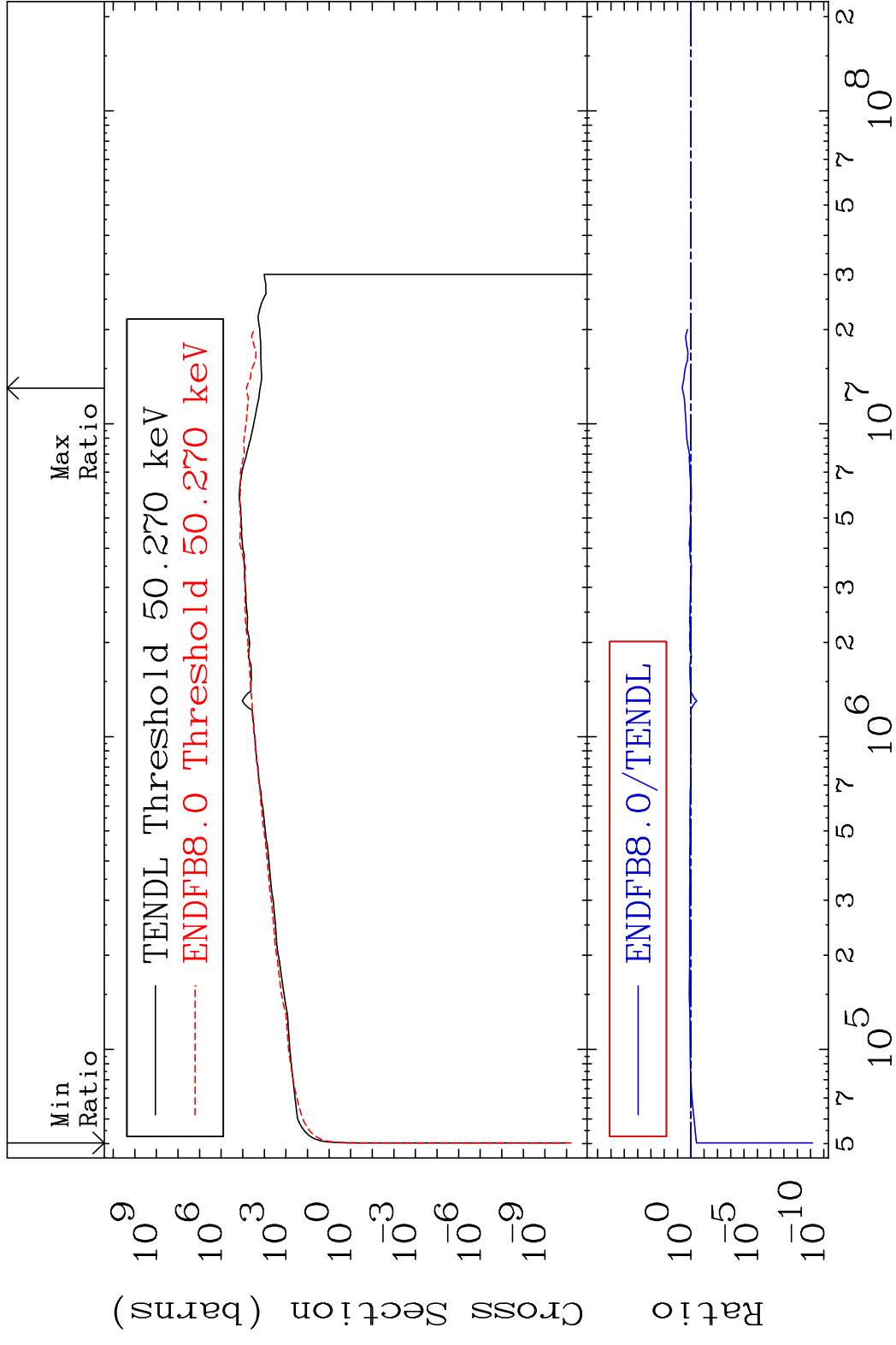


40 Incident Energy (eV) 60-Nd-147

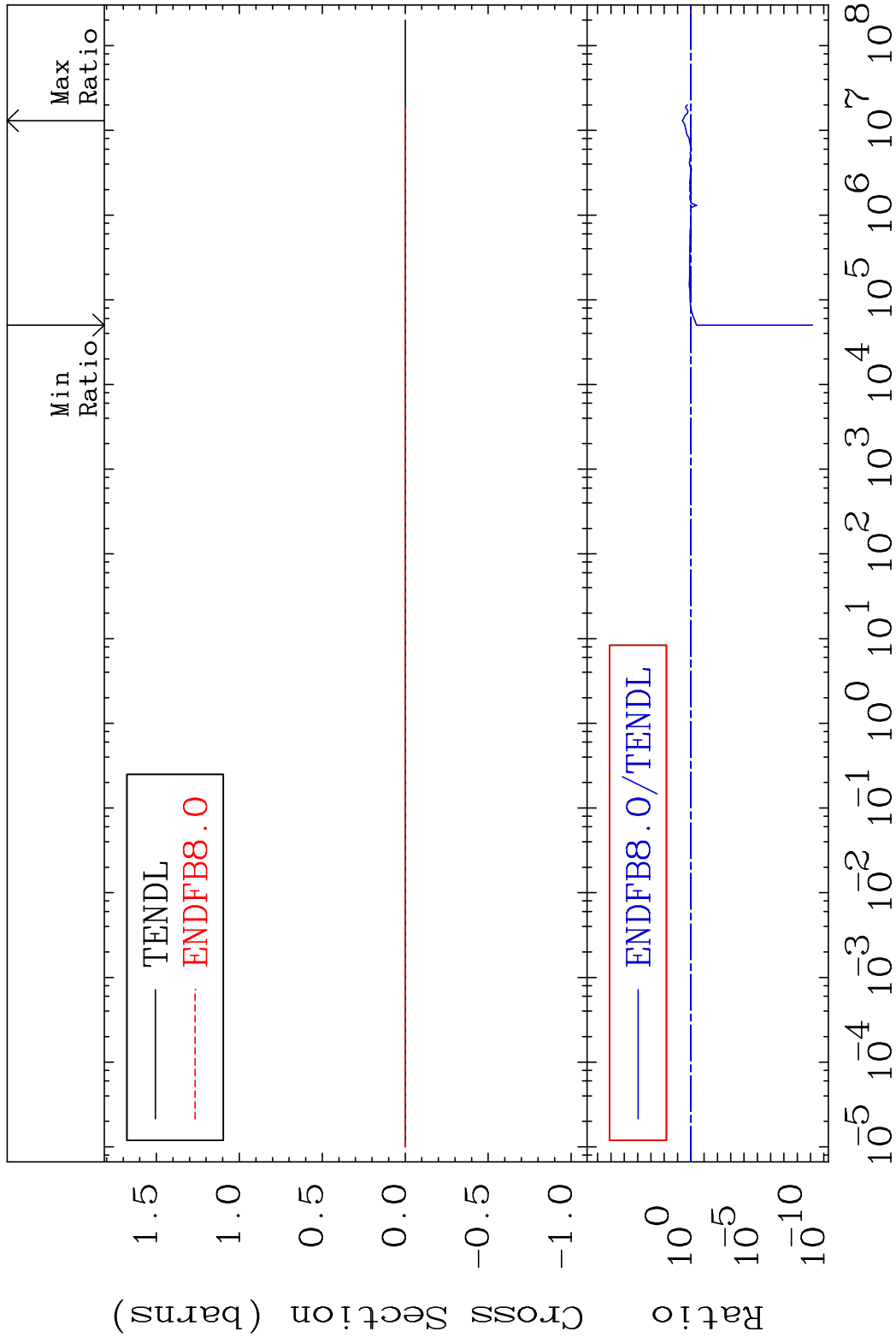
MAT 6040 Kerma non-elastic (all but mt2) 60-Nd-147  
 Cross Section -144.3 To 9999. %



MAT 6040 Kerma inelastic (mt51-91) 60-Nd-147  
 Cross Section -100.0 To 331.6 %

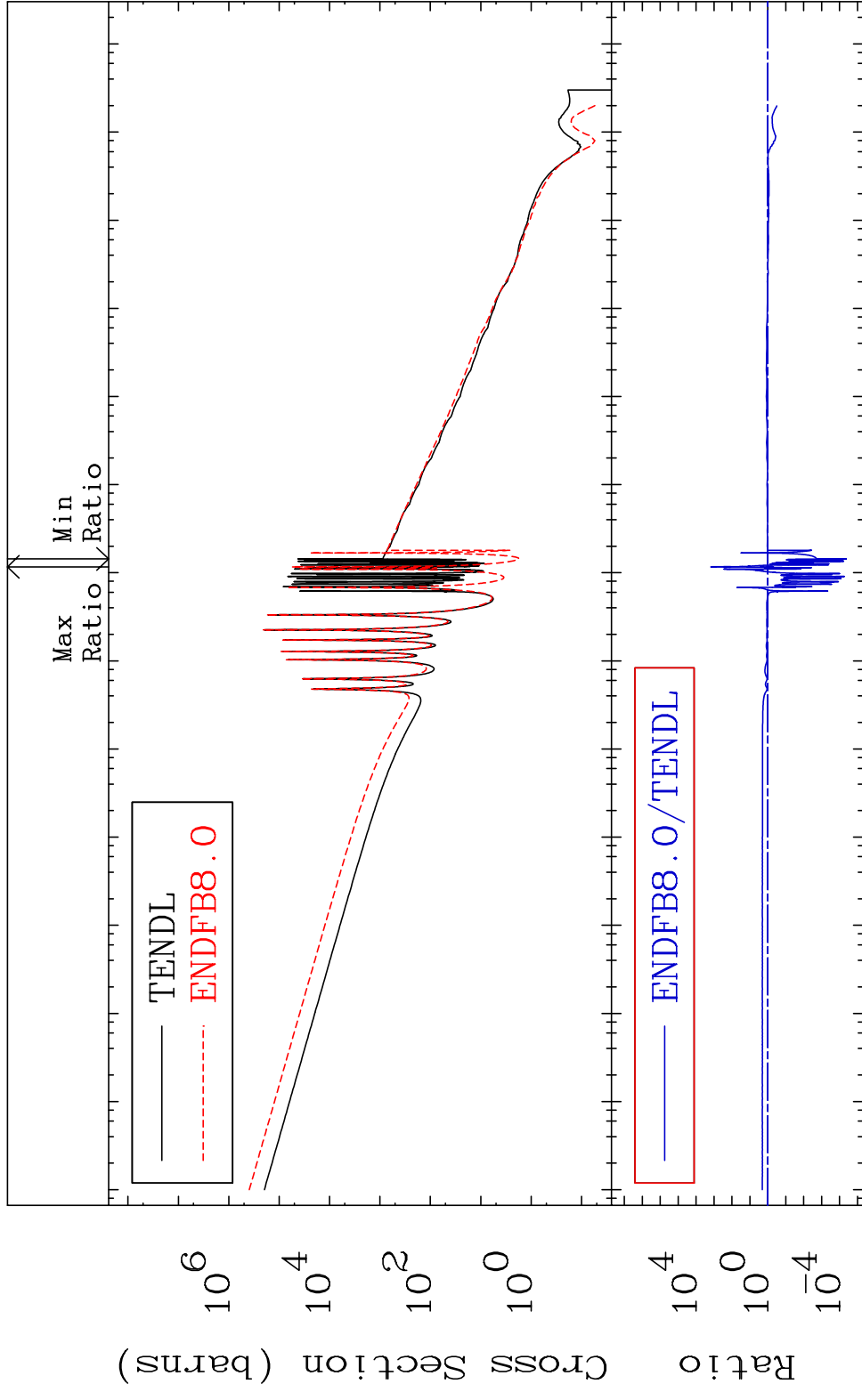


MAT 6040 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-147  
 Cross Section -100.0 To 331.6 %

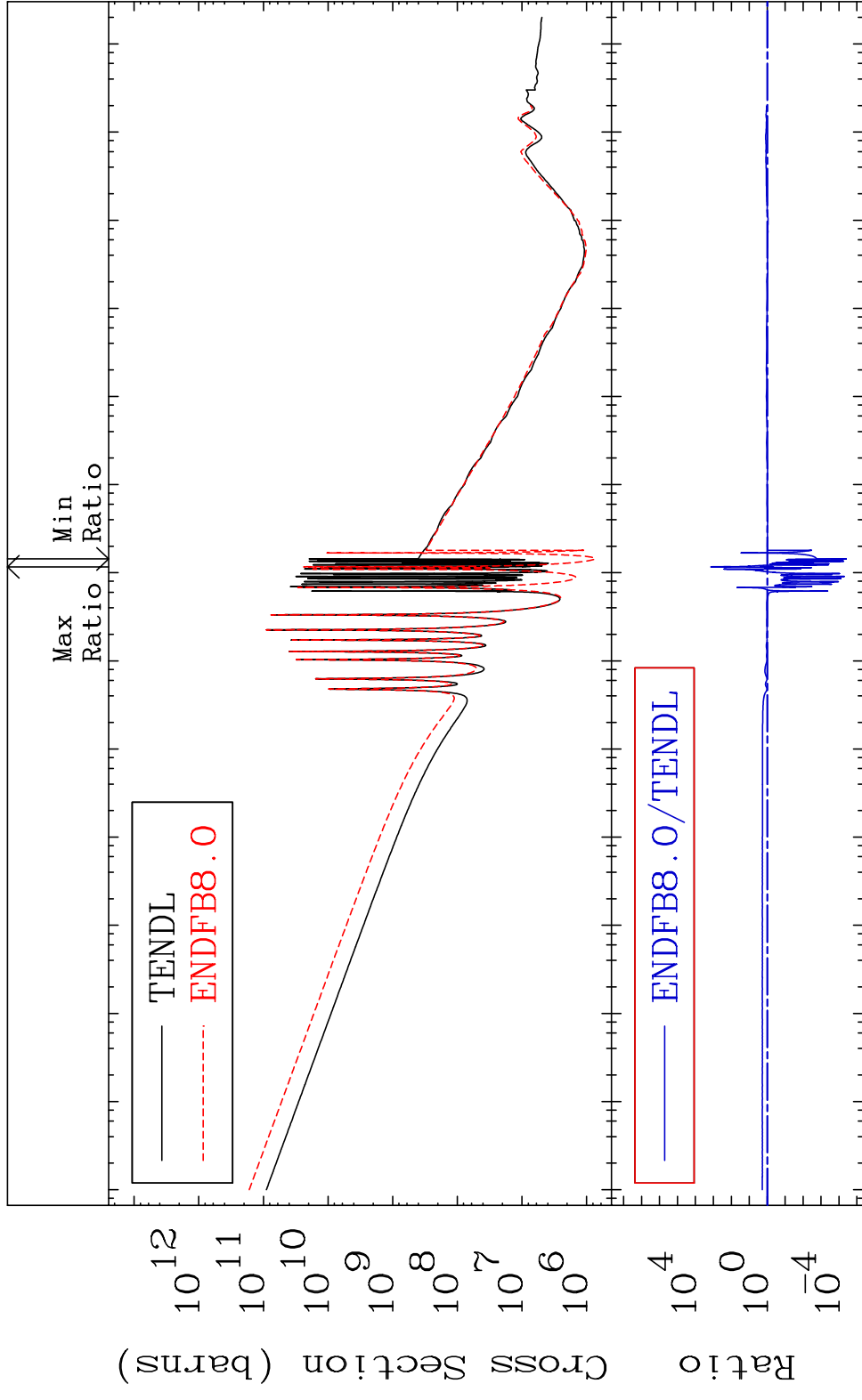


MAT 6040

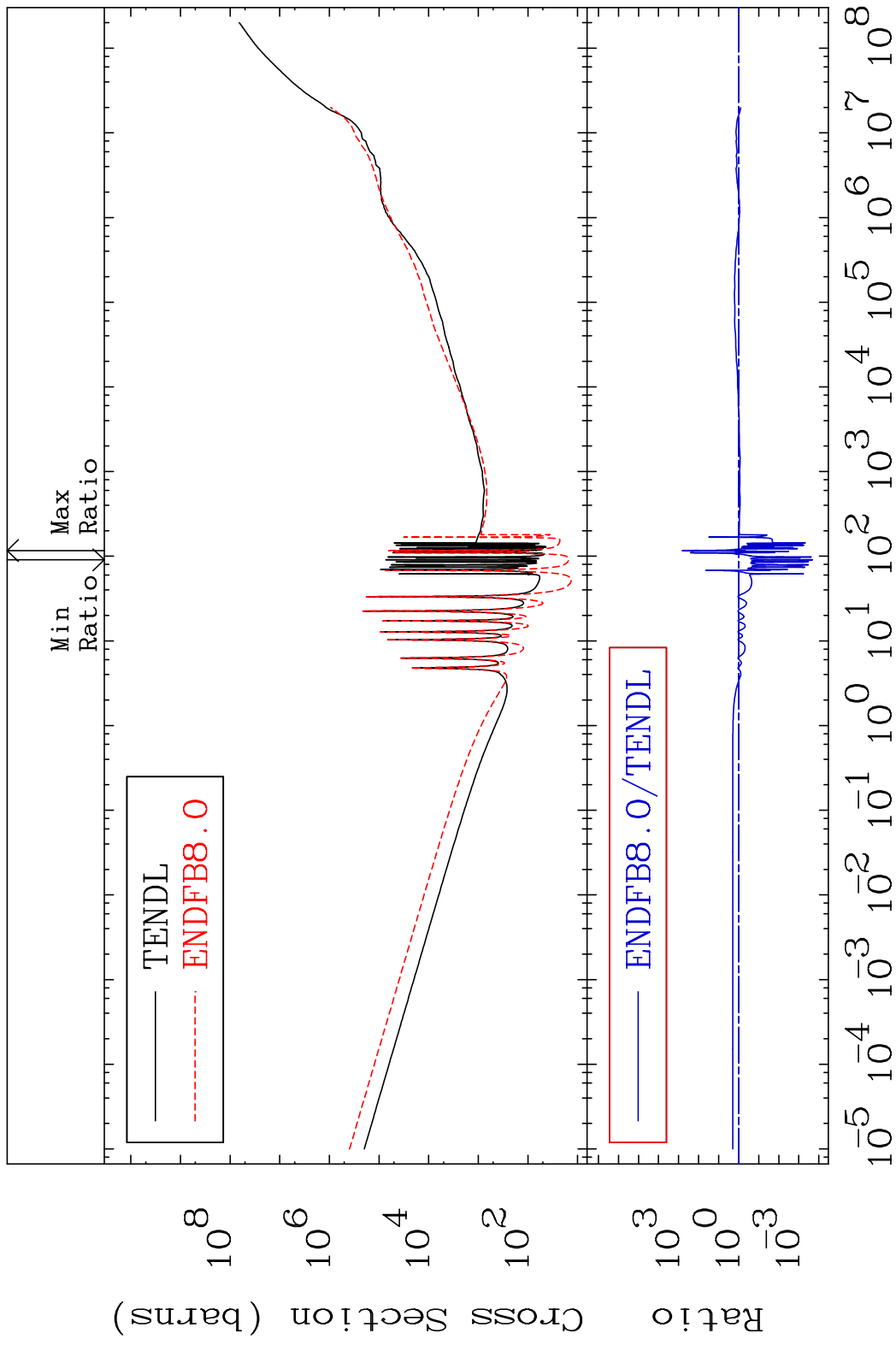
Kerma capture (mt102) 60-Nd-147  
Cross Section -100.0 To 9999. %



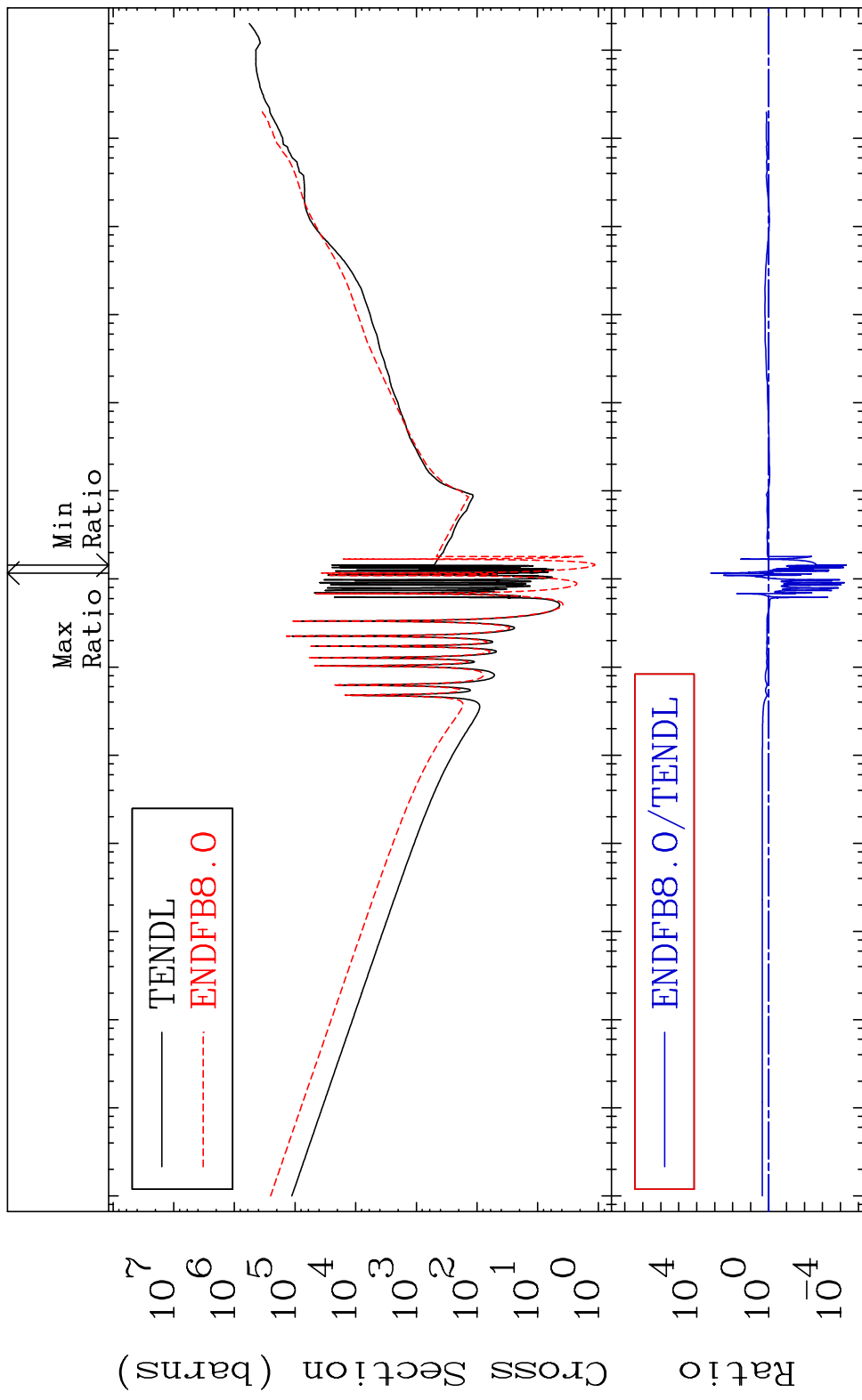
MAT 6040 Total photon (eV-barns) 60-Nd-147  
 Cross Section -100.0 To 9999. %



MAT 6040 Total kinematic kerma (high limit) 60-Nd-147  
 Cross Section -99.98 To 9999. %



MAT 6040      Dpa total (eV-barns)      60-Nd-147  
 Cross Section      -100.0 To 9999. %



47      Incident Energy (eV)      60-Nd-147

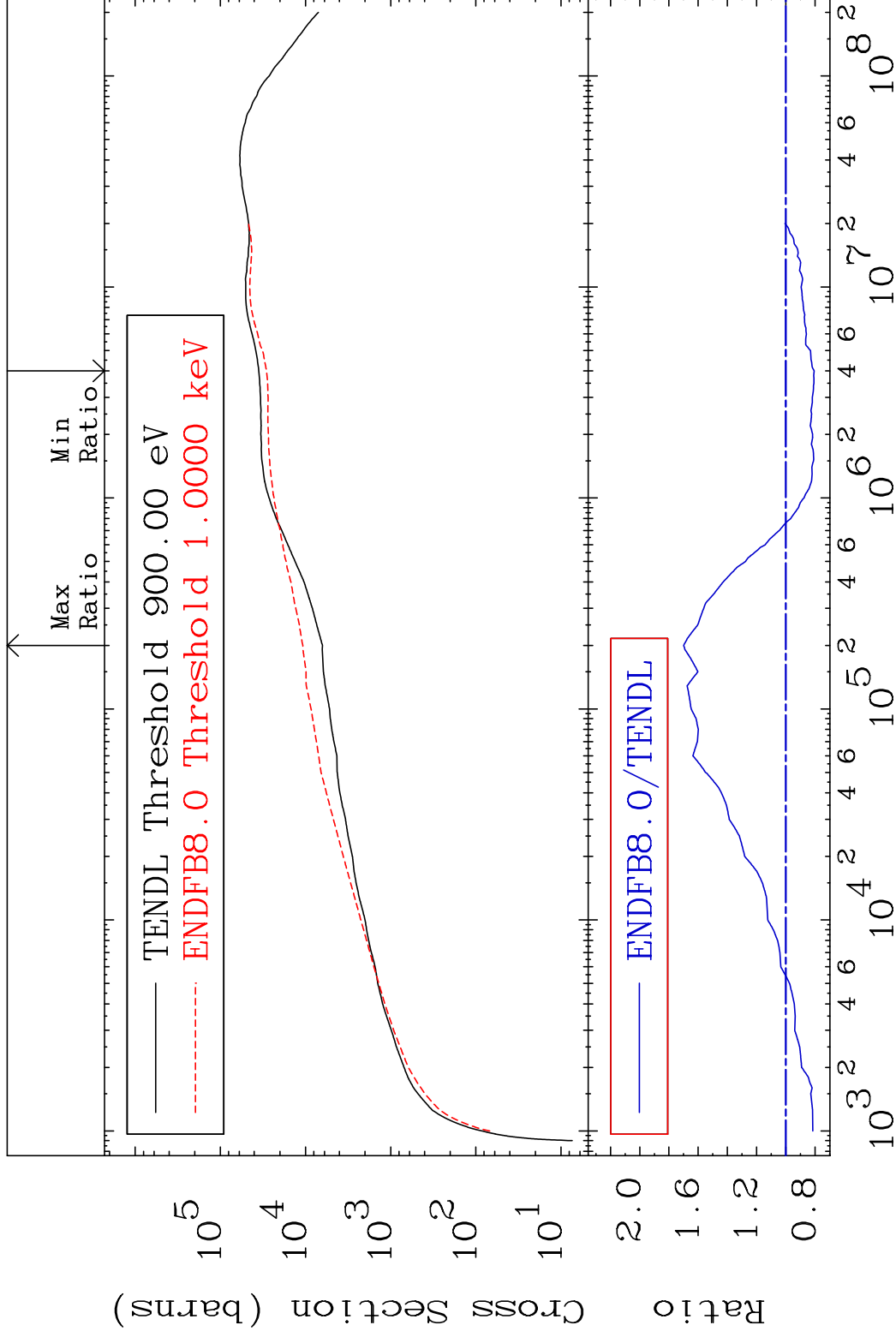


MAT 6040

Dpa elastic (mt2)

60-Nd-147

Cross Section -19.36 To 69.93 %

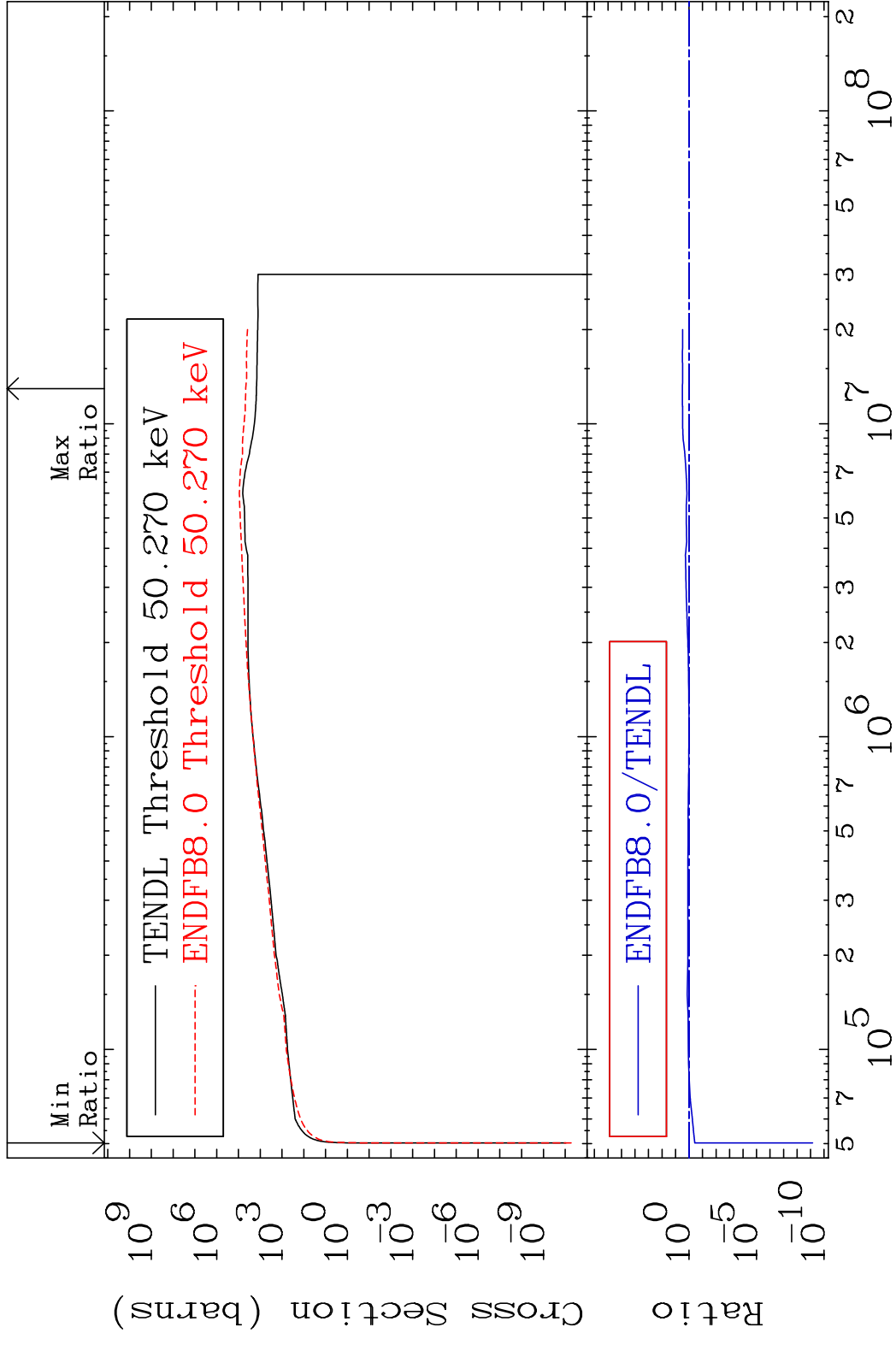


48

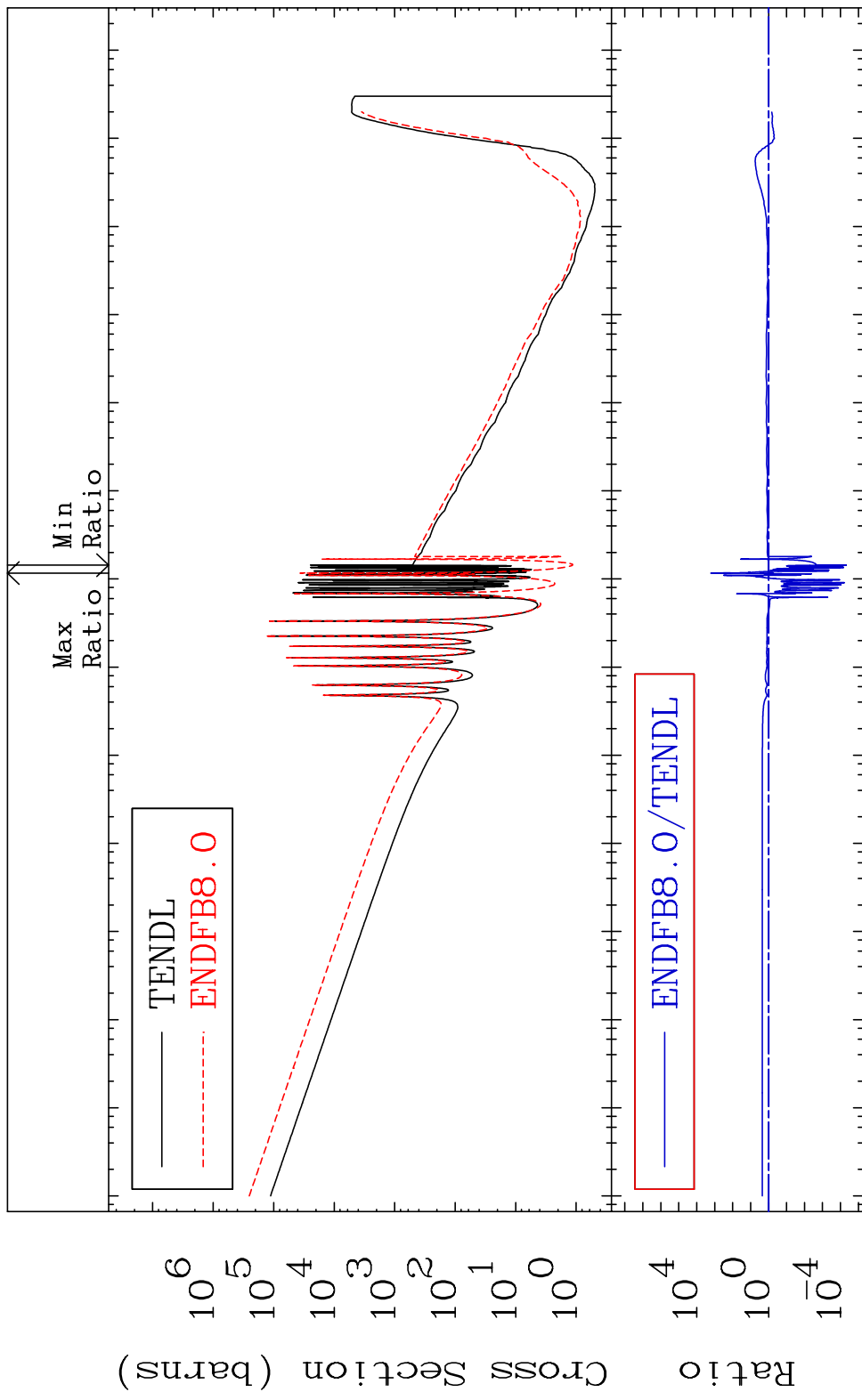
Incident Energy (eV)

60-Nd-147

MAT 6040 Dpa inelastic (mt51-91) 60-Nd-147  
 Cross Section -100.0 To 211.4 %



MAT 6040 Dpa disappearance (mt102 -120) 60-Nd-147  
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 60-Nd-147