

Program Complot
(Version 2018-1)

by

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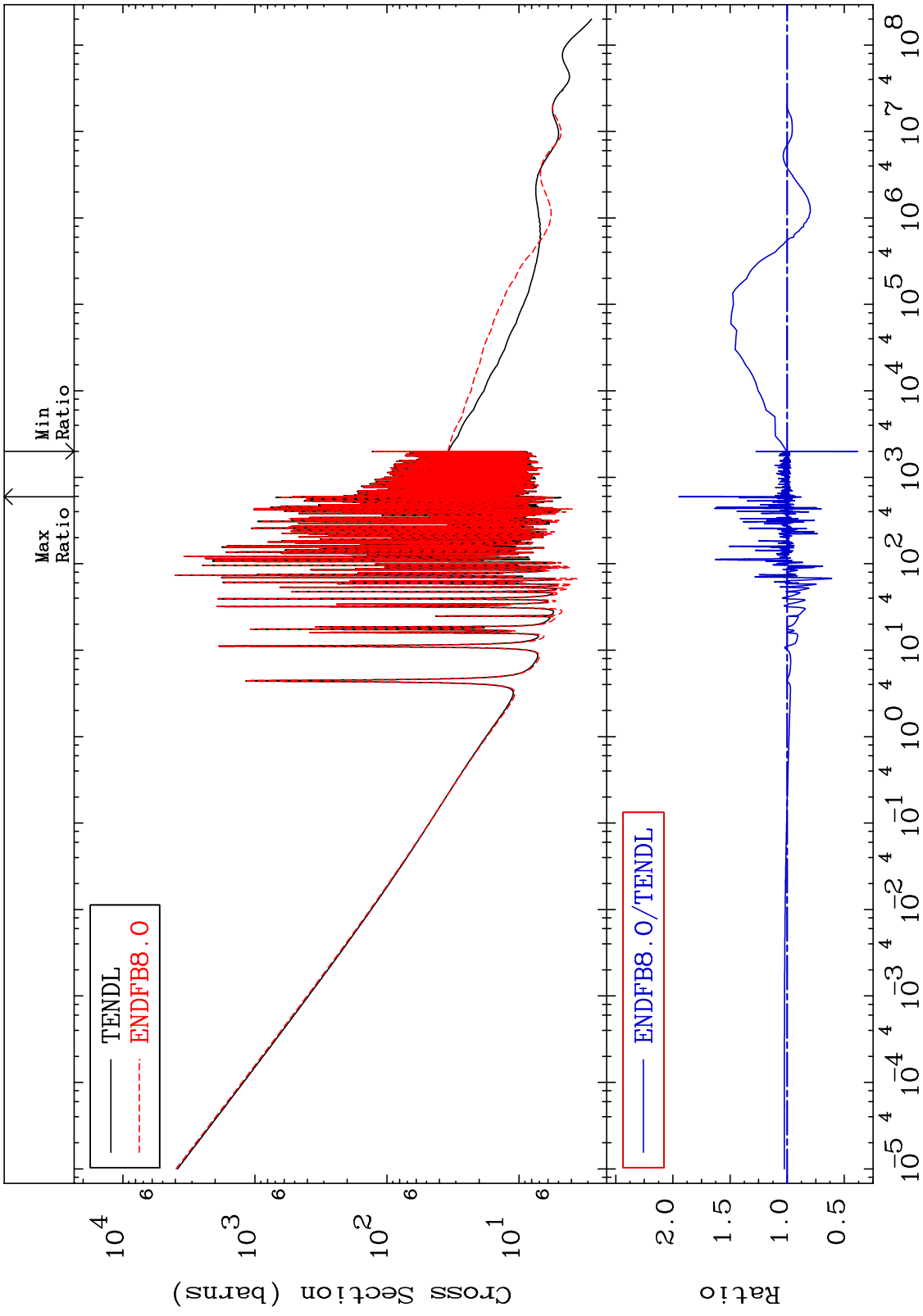
U.S.A.

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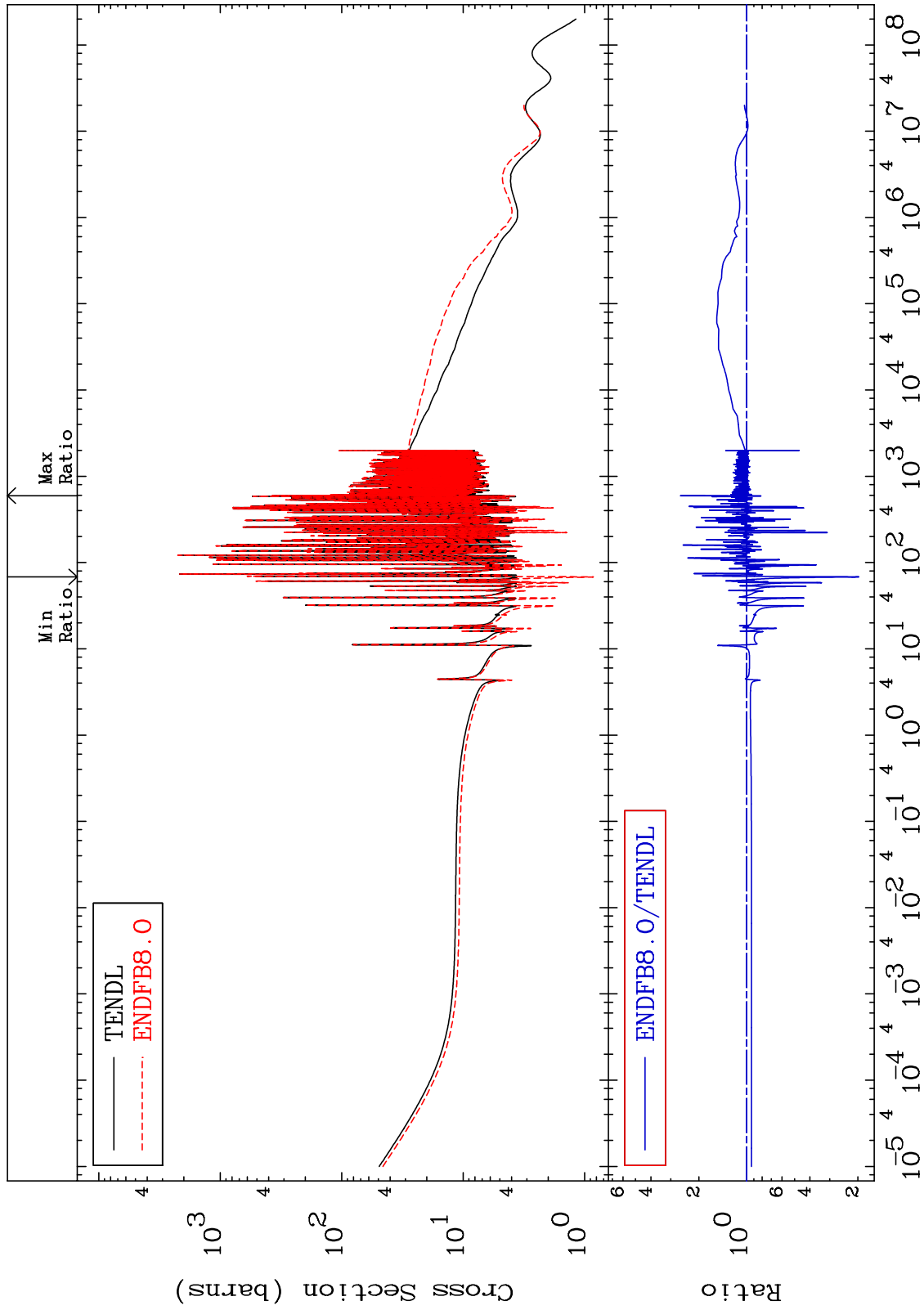
Press Mouse Button to Start

MAT 7531 Total Cross Section 75-Re-187 -61.83 To 94.60 %



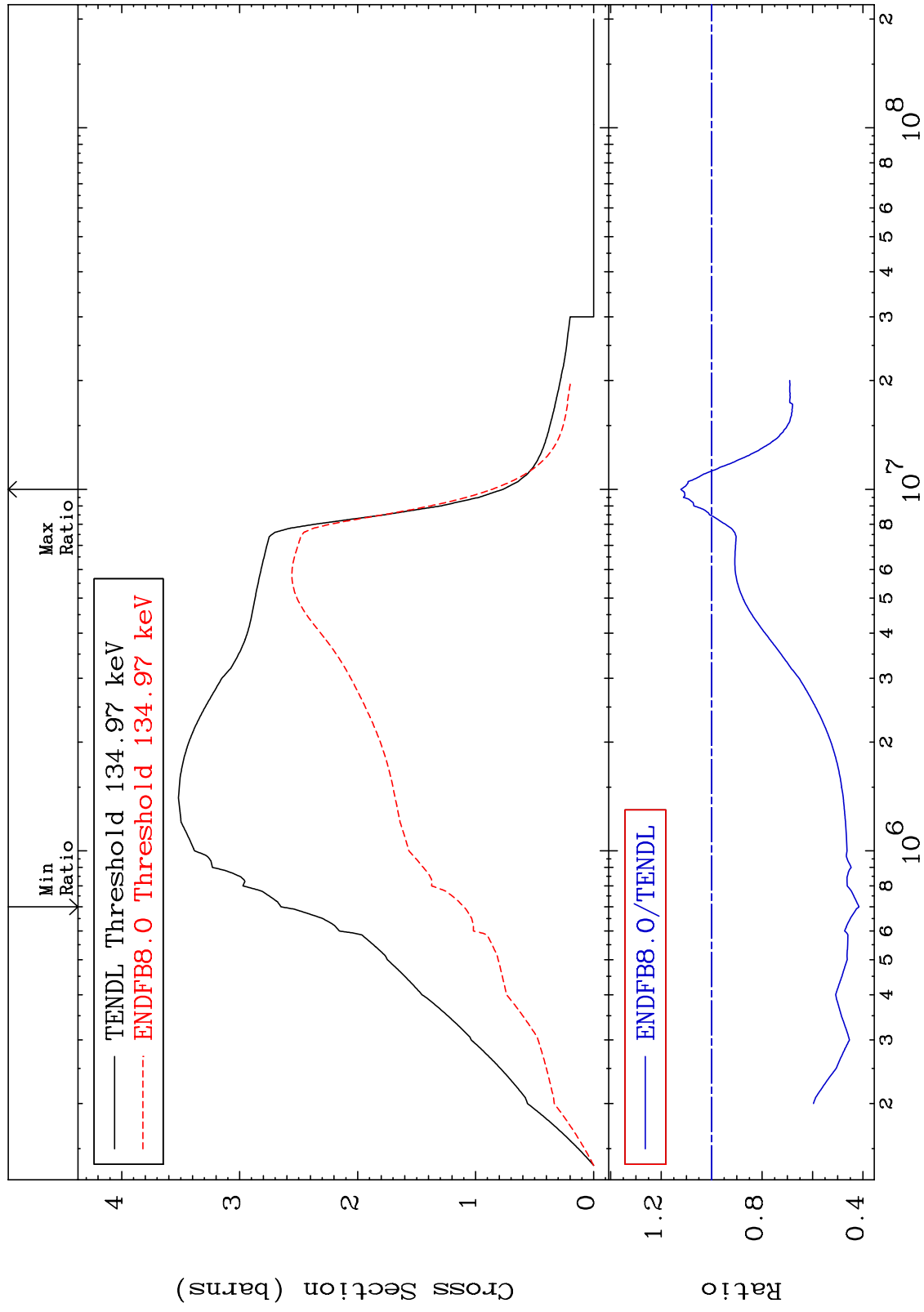
75-Re-187 Incident Energy (eV)

MAT 7531 Elastic Cross Section 75-Re-187 -80.34 To 160.1 %



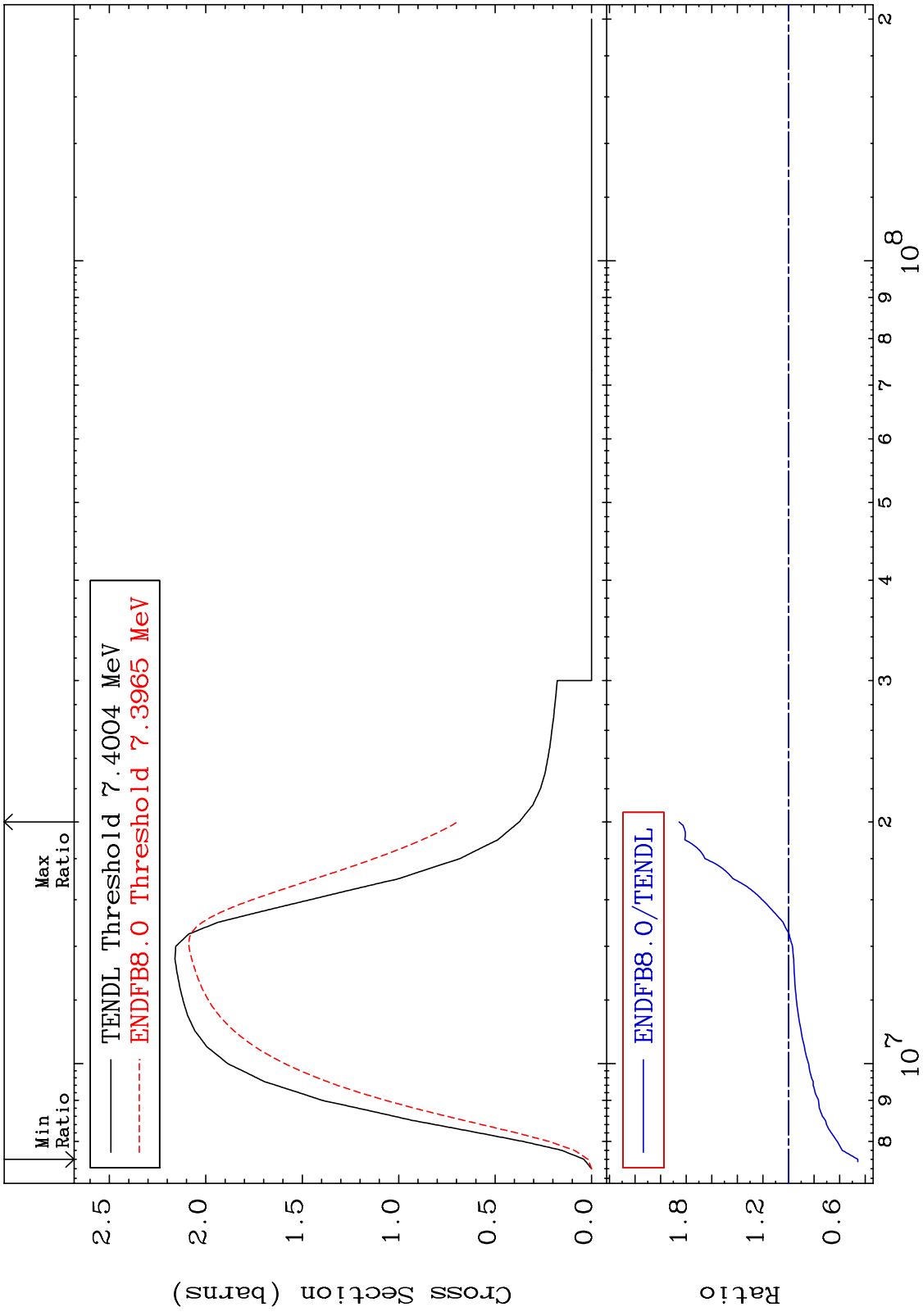
2 75-Re-187

MAT 7531 Inelastic Cross Section 75-Re-187 -58.45 To 12.18 %

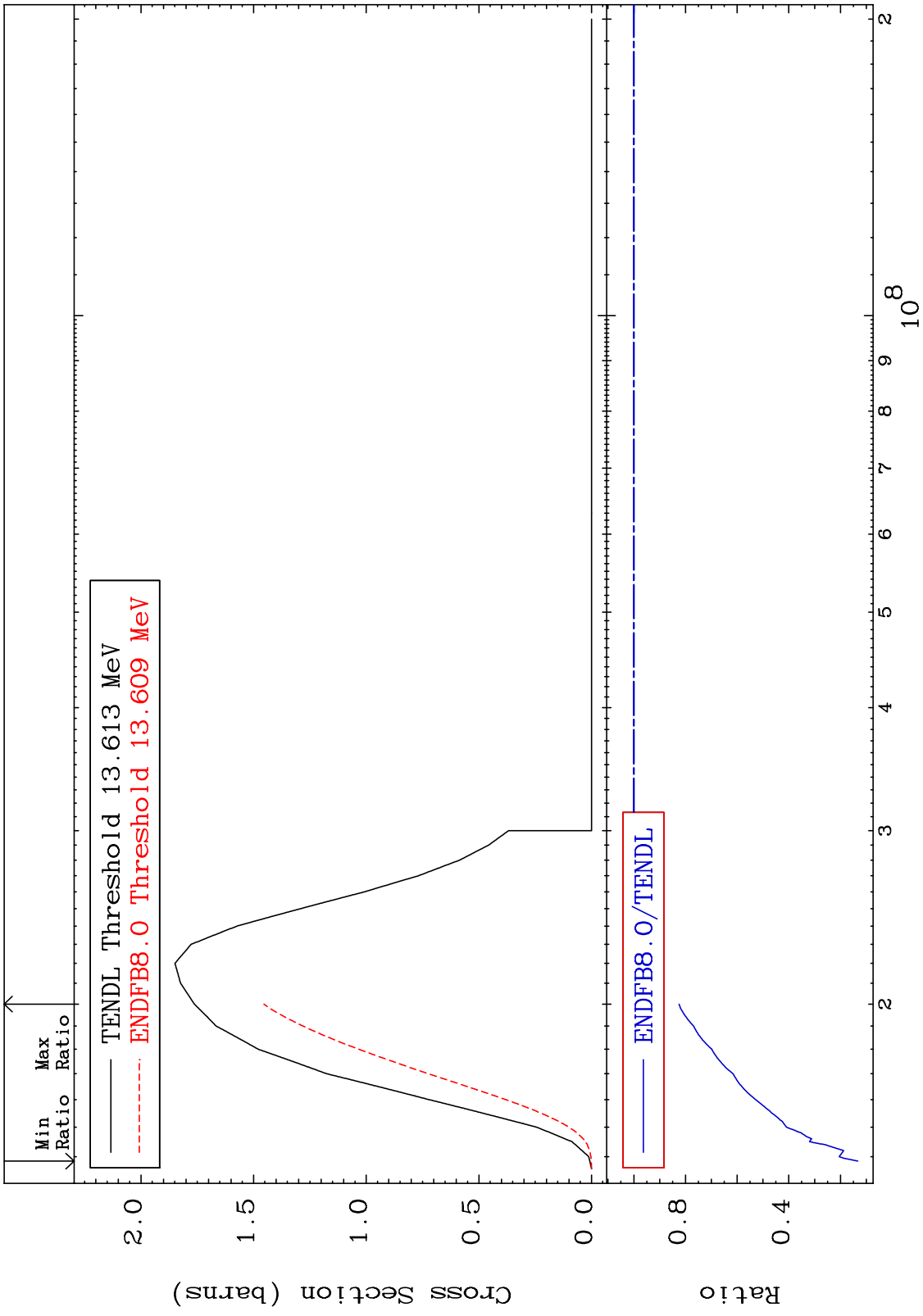


3 75-Re-187

MAT 7531 (n,2n) 75-Re-187
Cross Section -54.24 To 85.58 %



MAT 7531 (n,3n) 75-Re-187
 Cross Section -86.73 To -17.50%



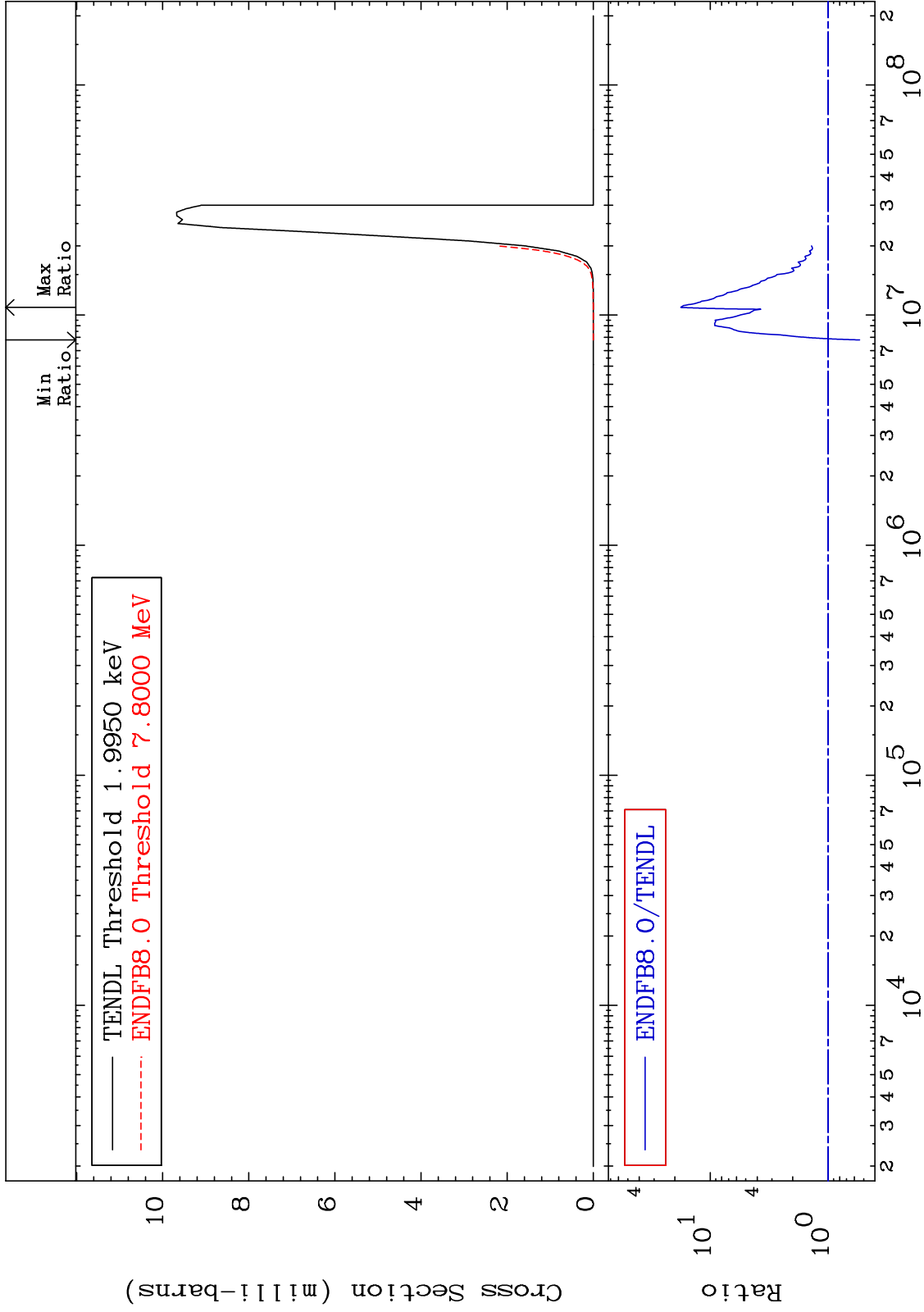
MAT 7531

$(n, n') \alpha$

75-Re-187

Cross Section

-45.91 To 1677. %

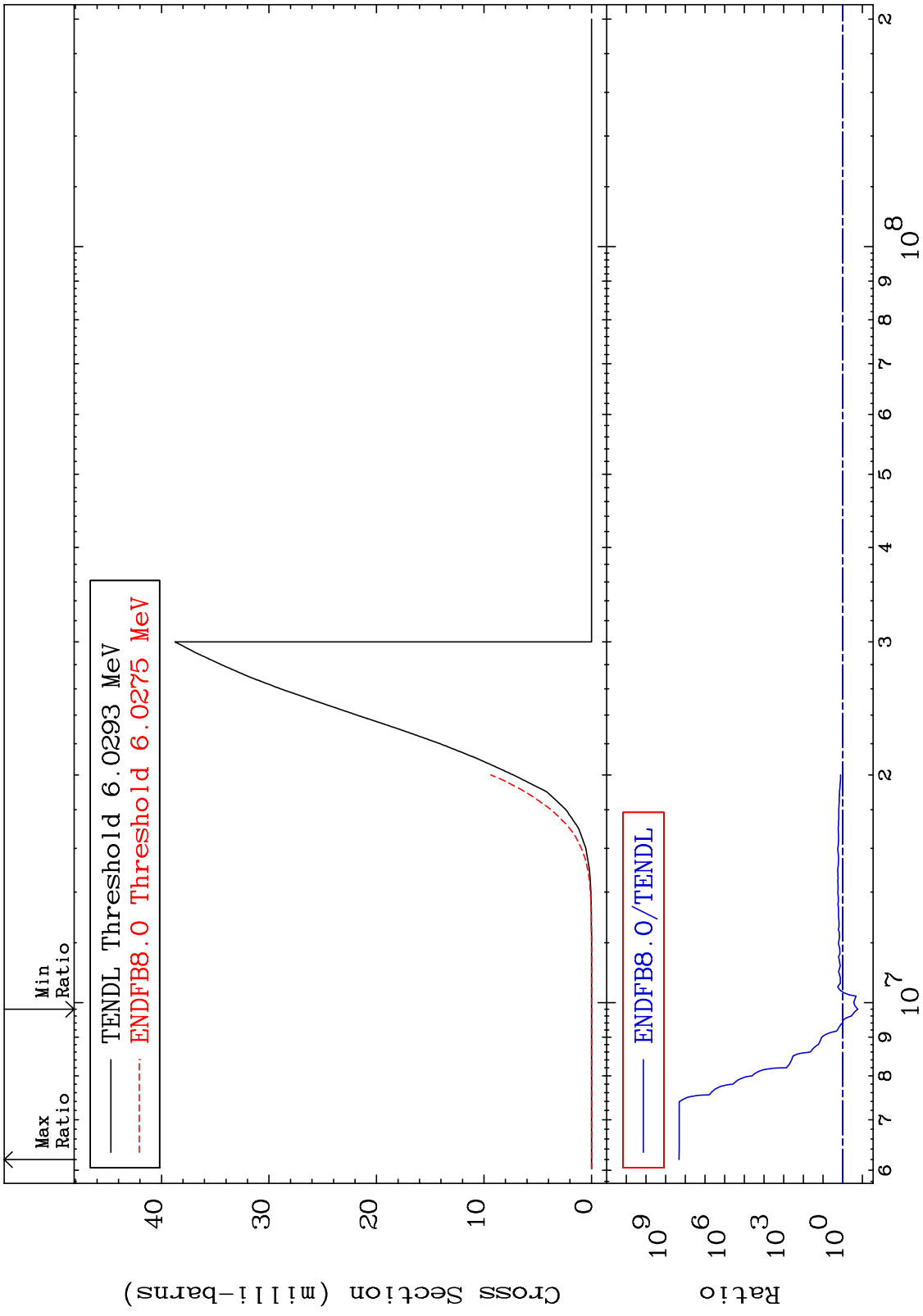


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Incident Energy (eV)

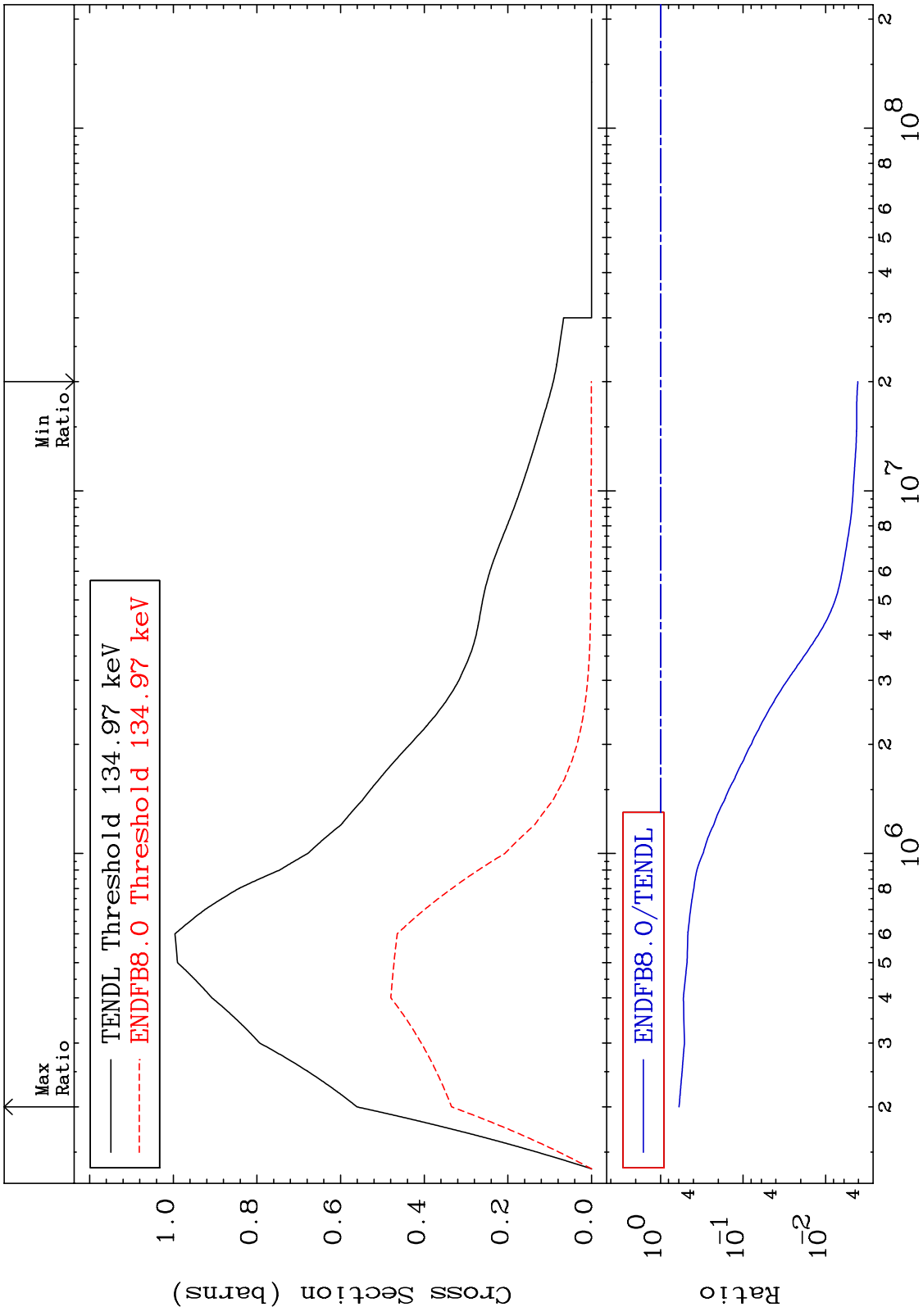
75-Re-187

MAT 7531 (n,n') p 75-Re-187
 Cross Section -82.95 To 9999. %

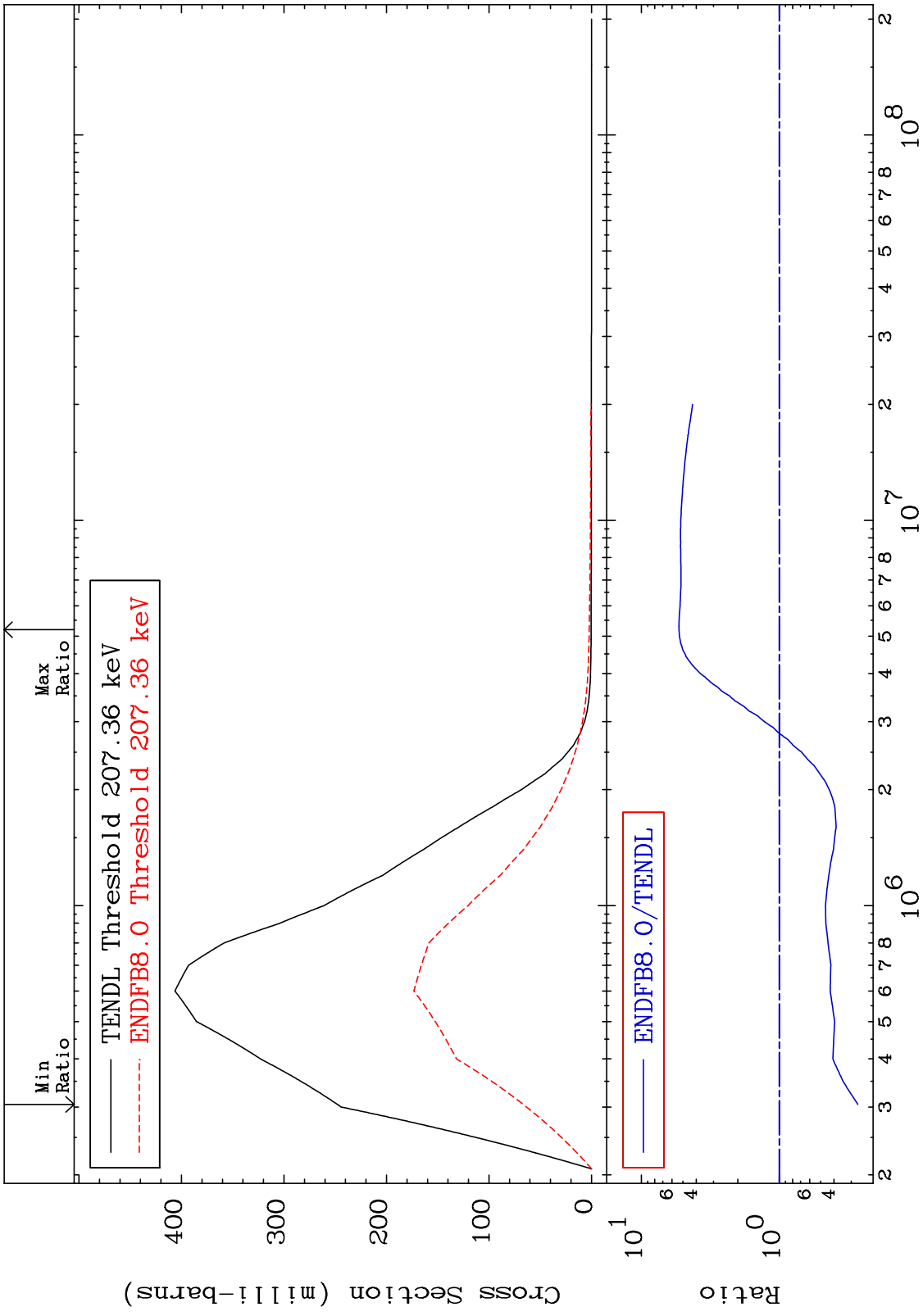


7 75-Re-187 Incident Energy (eV)

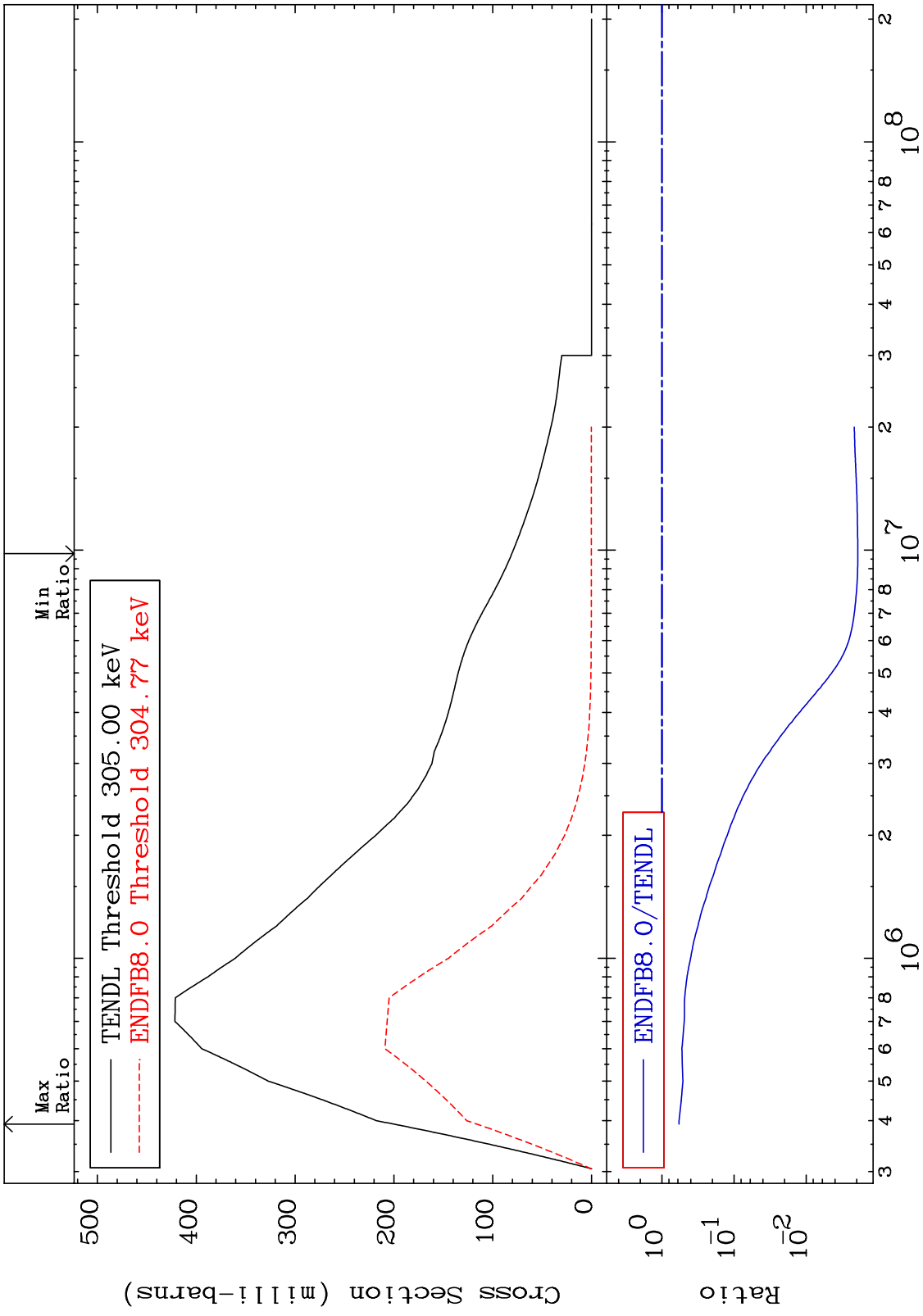
MAT 7531 MT= 51 (n,n') Level Cross Section 75-Re-187 -99.59 To -40.34%



MAT 7531 MT= 52 (n,n') Level Cross Section 75-Re-187
 -73.13 To 433.6 %

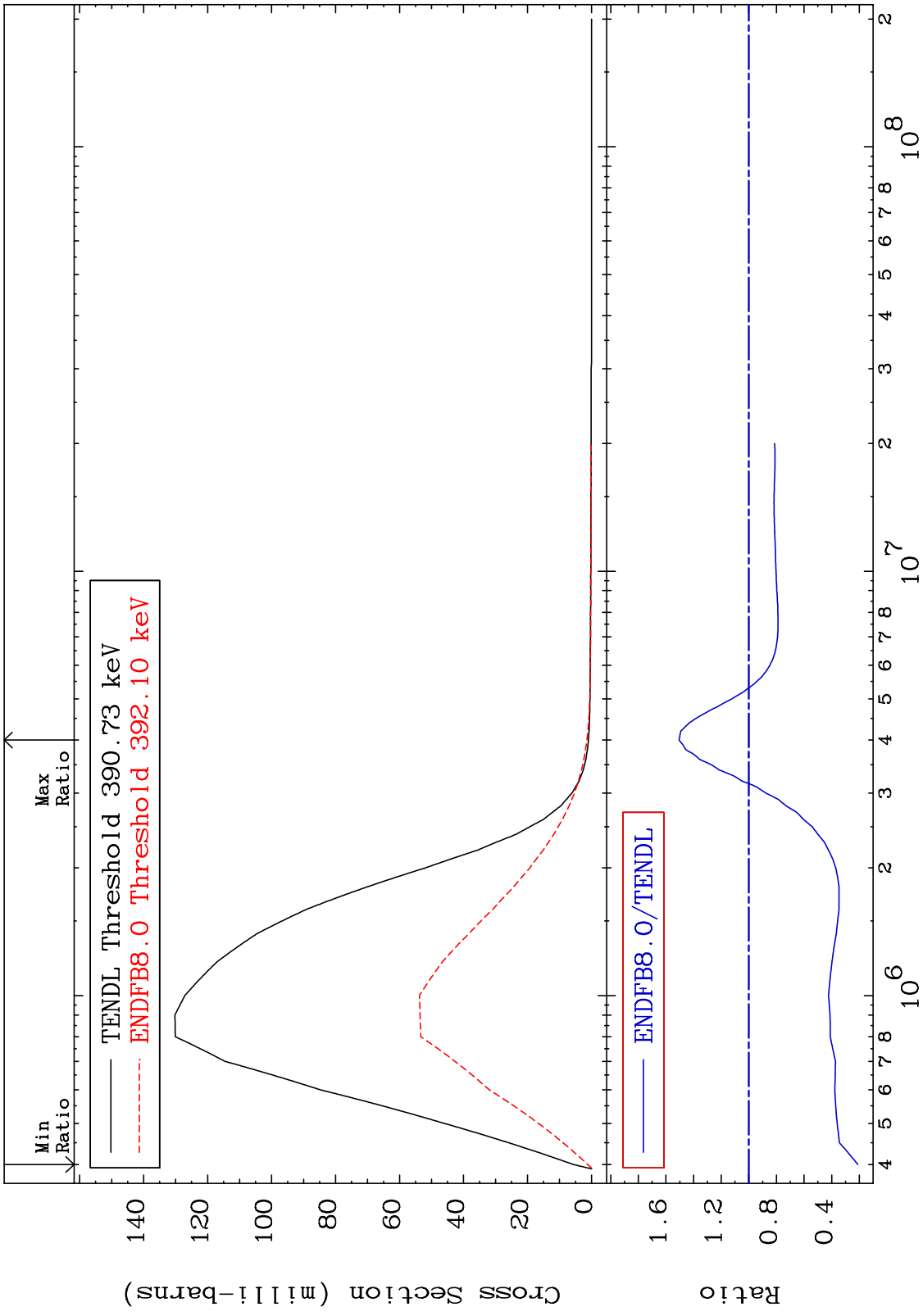


MAT 7531 MT= 53 (n,n') Level Cross Section 75-Re-187 -99.81 To -41.99%

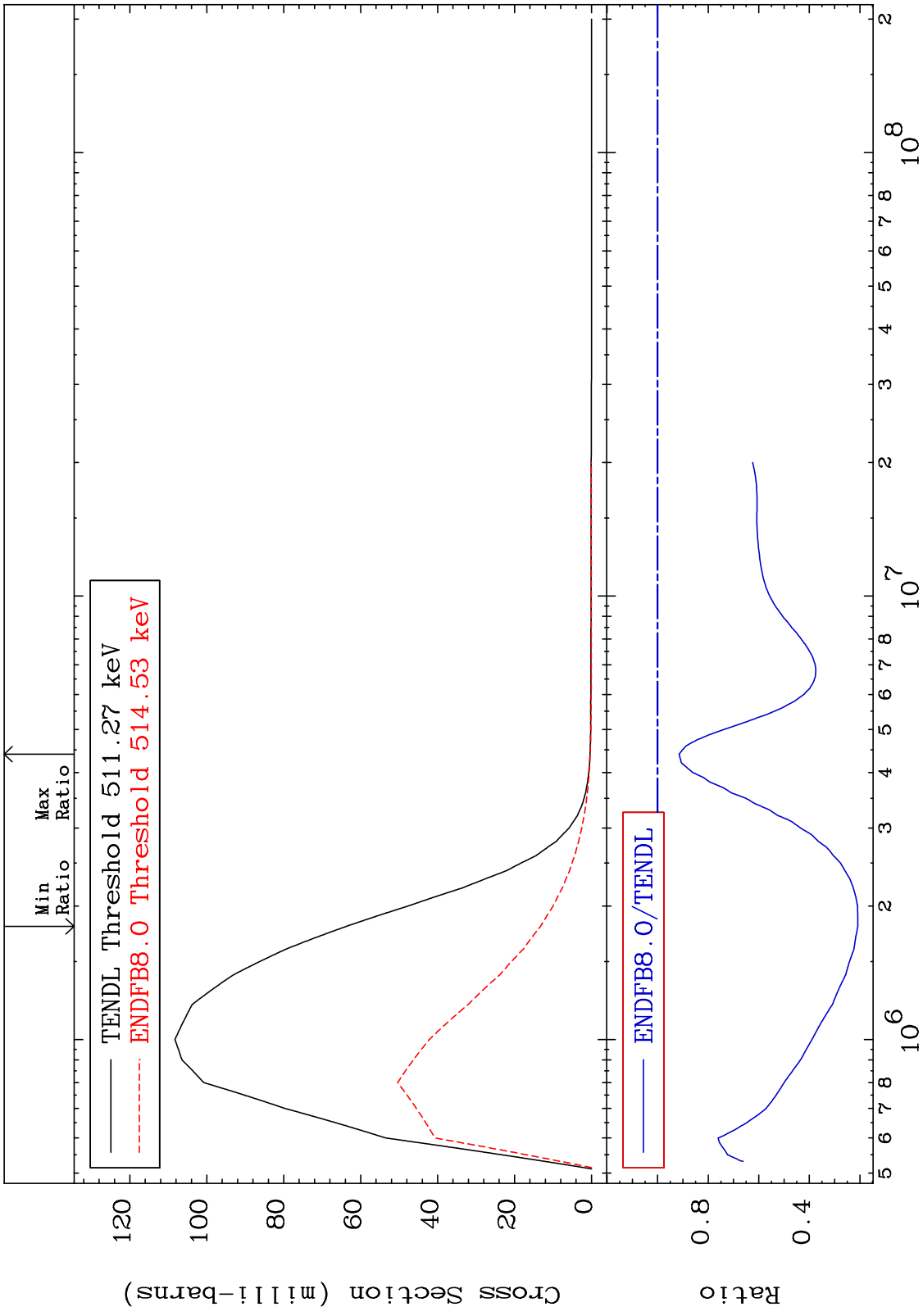


10 75-Re-187

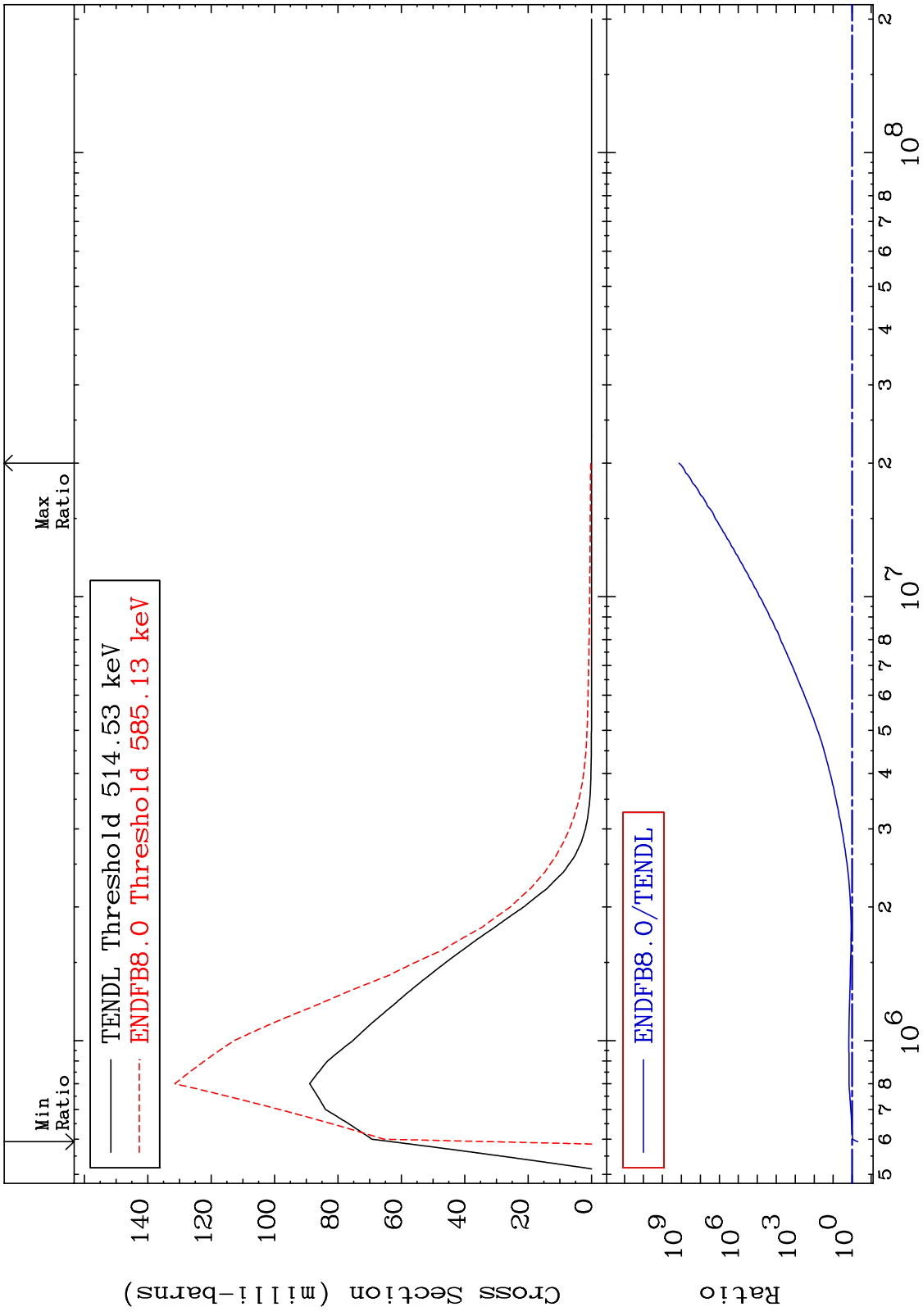
MAT 7531 MT= 54 (n,n') Level Cross Section 75-Re-187
 -78.94 To 50.51 %



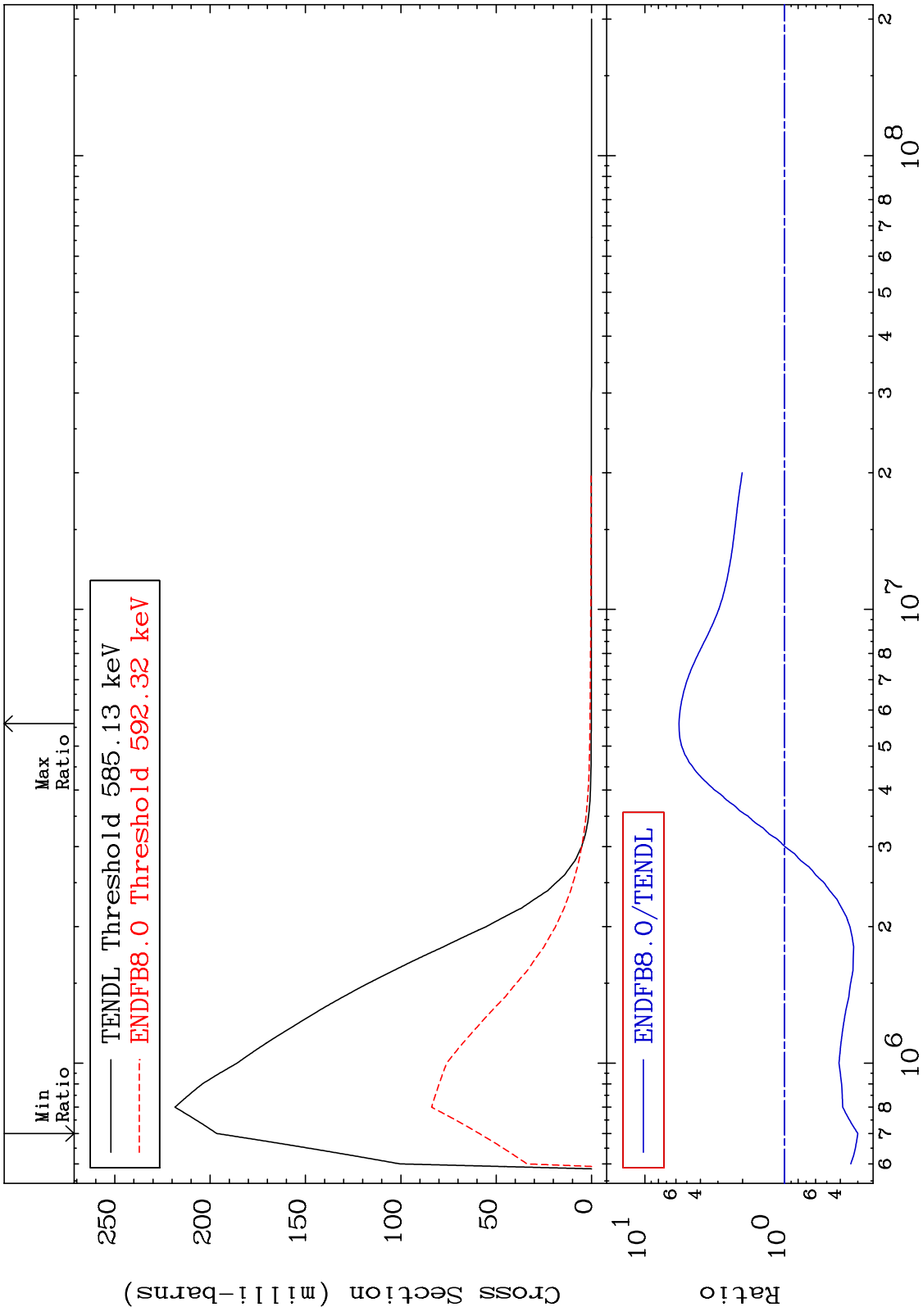
MAT 7531 MT= 55 (n,n') Level Cross Section 75-Re-187 -79.19 To -8.458%



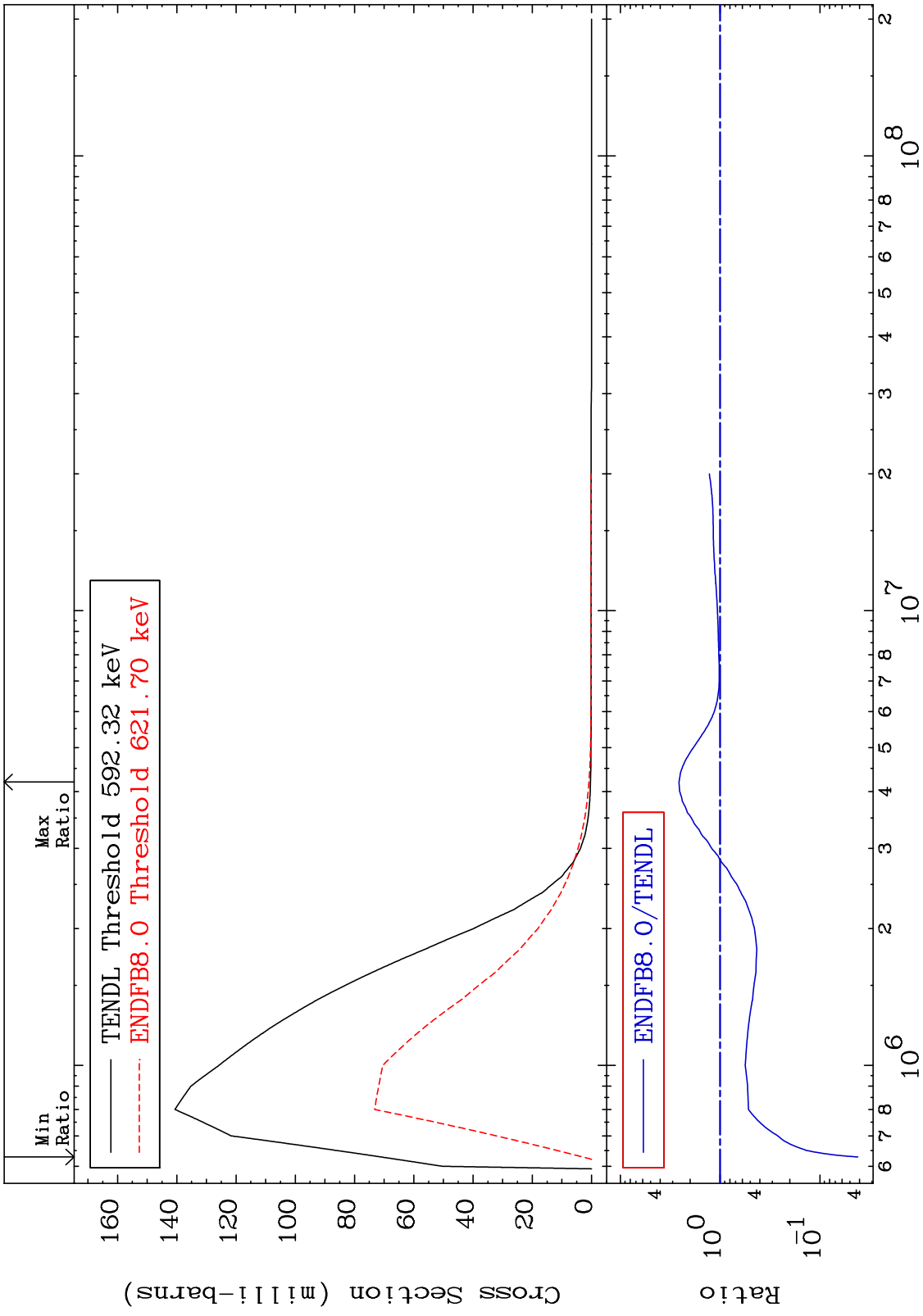
MAT 7531 MT= 56 (n,n') Level Cross Section 75-Re-187
 -49.80 To 9999. %



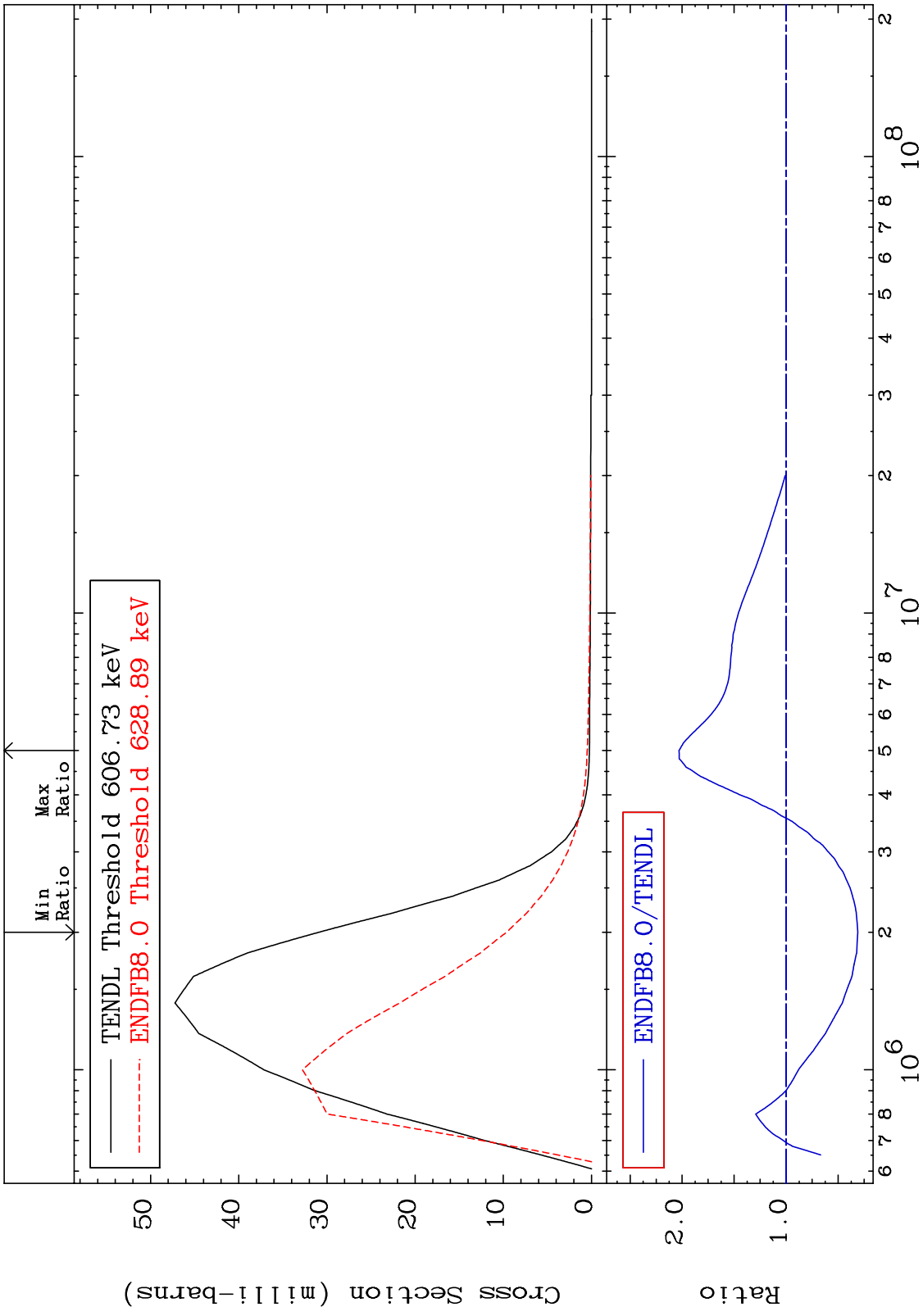
MAT 7531 MT= 57 (n,n') Level Cross Section 75-Re-187
 -70.04 To 469.0 %



MAT 7531 MT= 58 (n,n') Level Cross Section 75-Re-187
 -95.84 To 158.5 %



MAT 7531 MT= 59 (n,n') Level Cross Section 75-Re-187
 -68.89 To 103.0 %

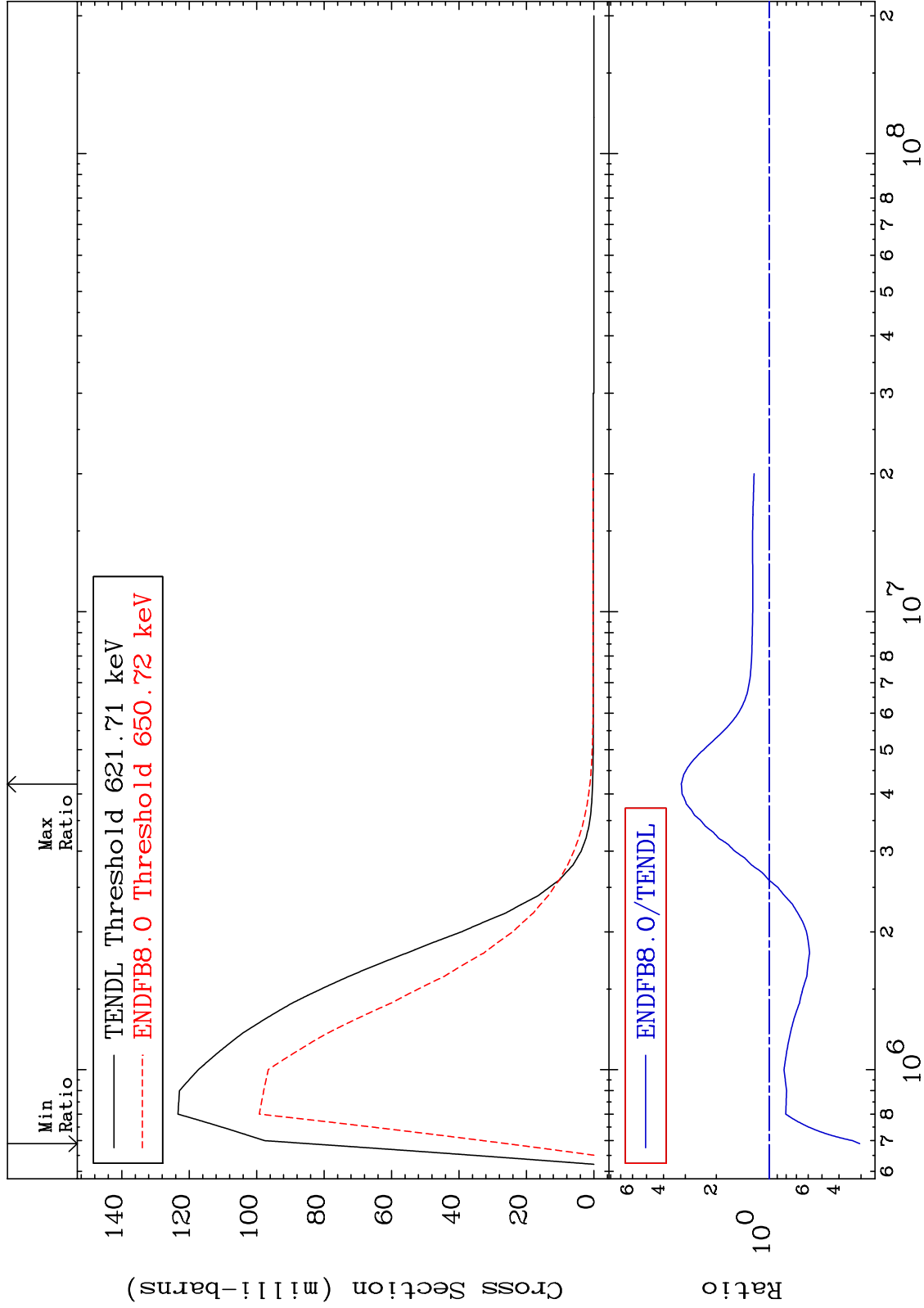


16 75-Re-187

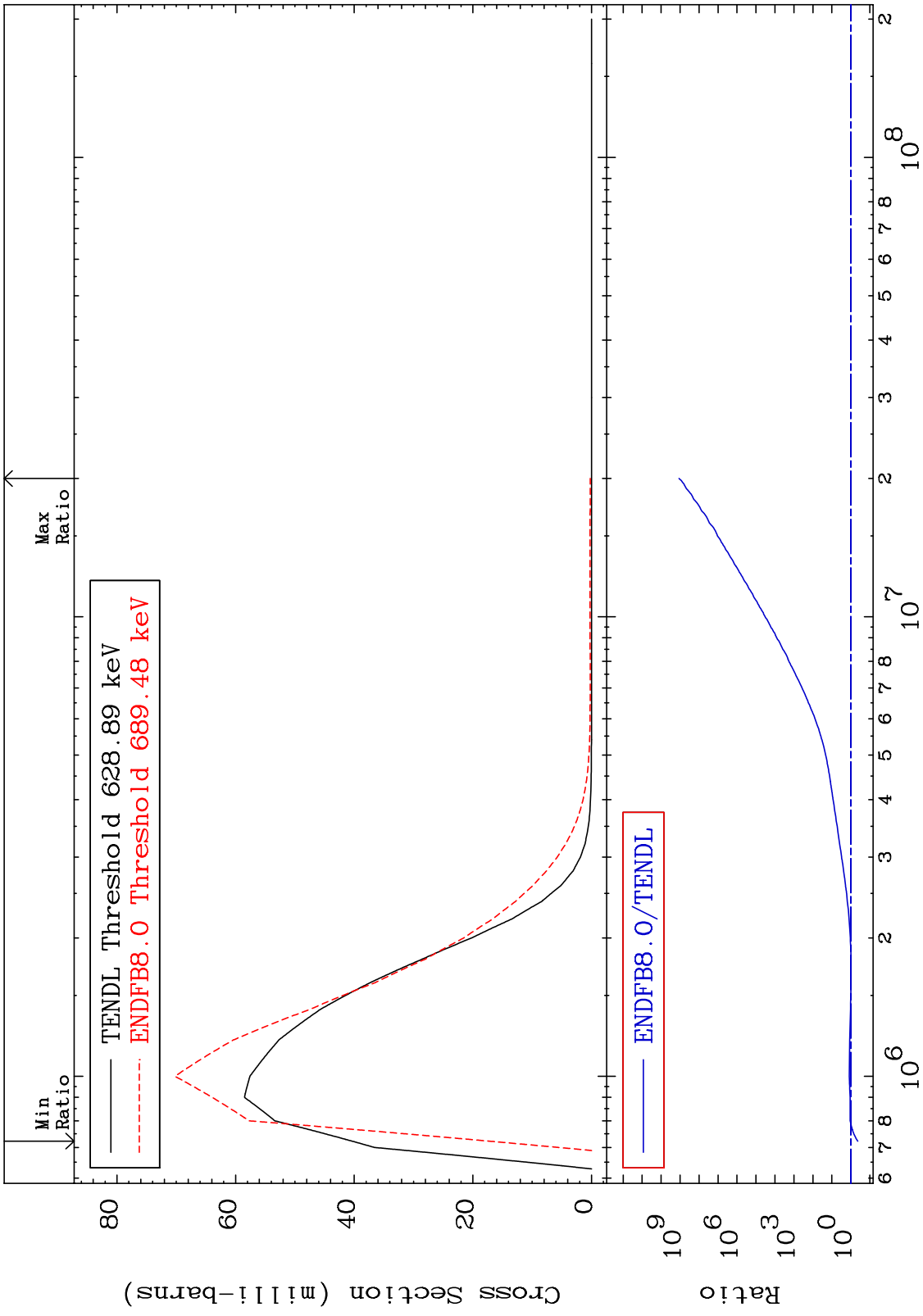
MAT 7531

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

75-Re-187
-69.52 To 216.9 %



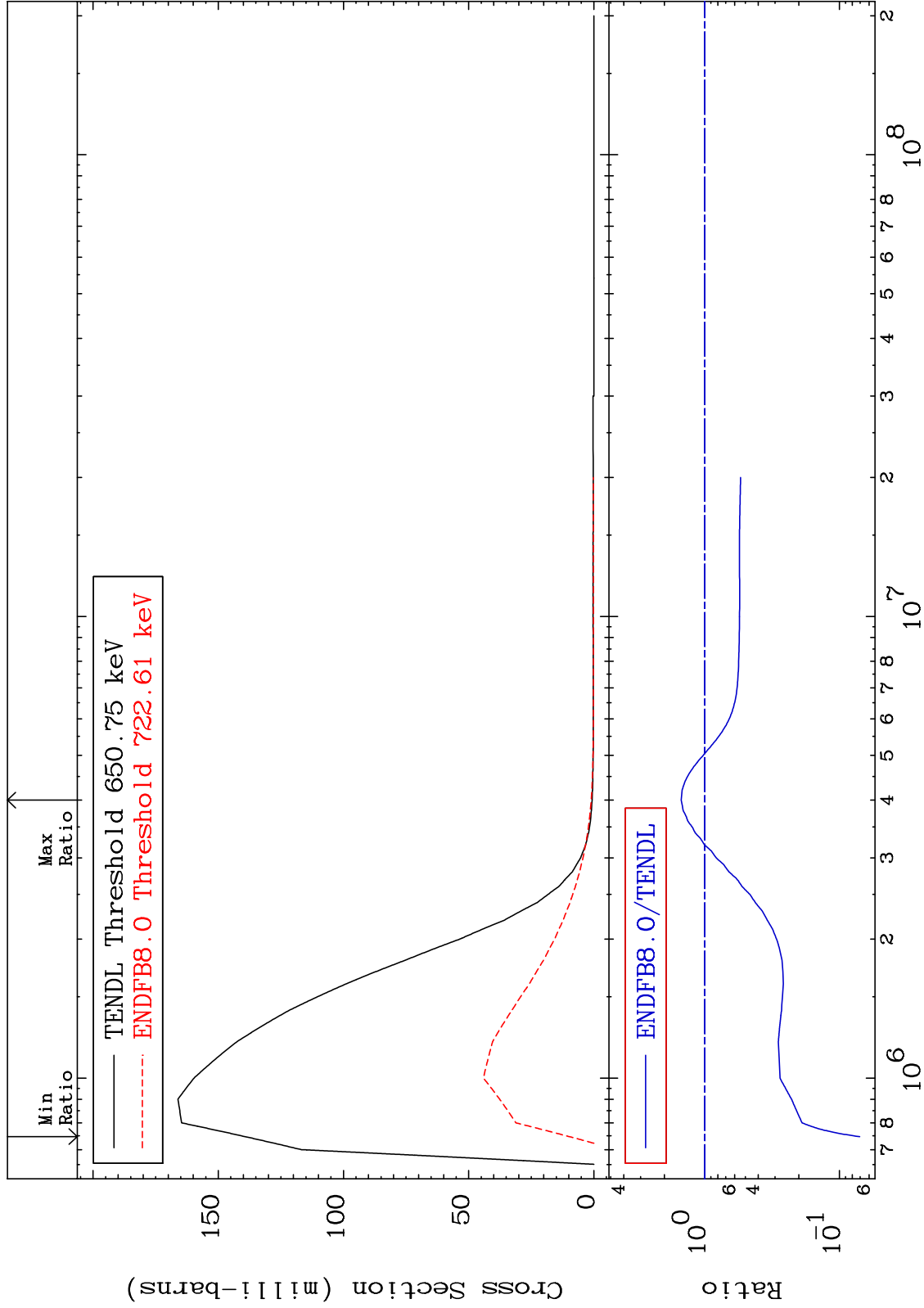
MAT 7531 MT= 61 (n,n') Level Cross Section 75-Re-187
 -57.15 To 9999. %



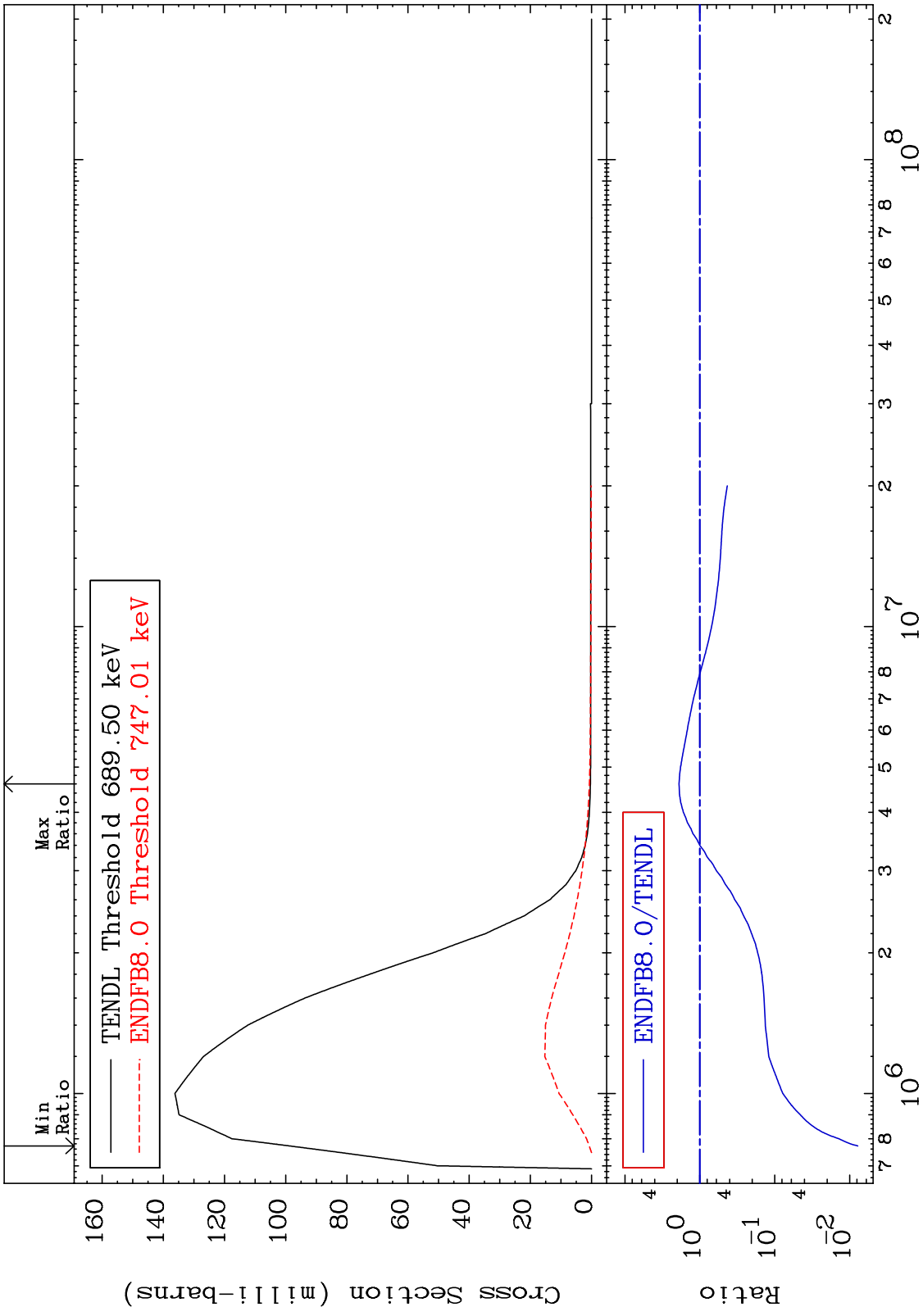
MAT 7531

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

75-Re-187
-92.95 To 49.61 %

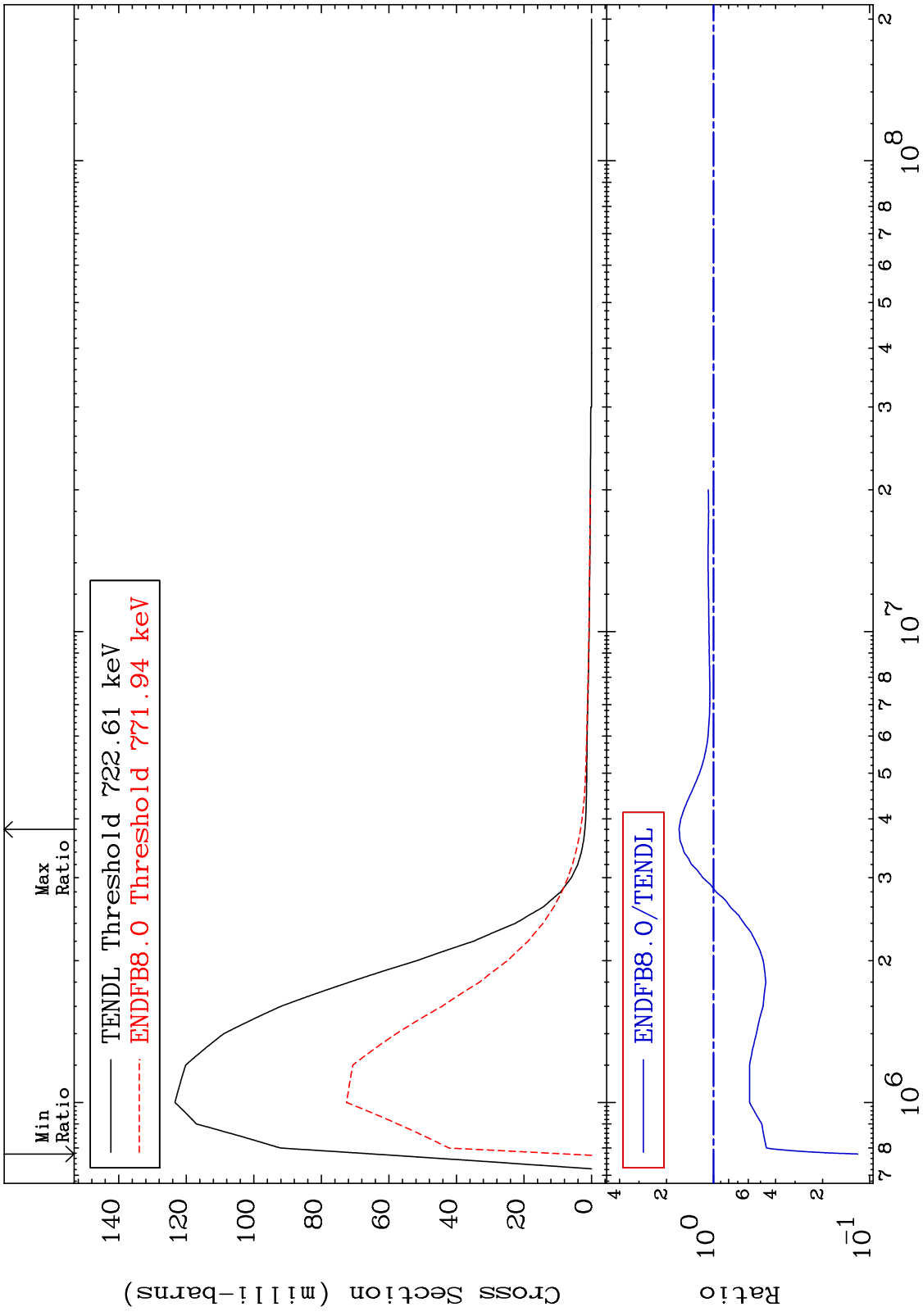


MAT 7531 MT= 63 (n,n') Level Cross Section 75-Re-187
 -99.22 To 89.38 %

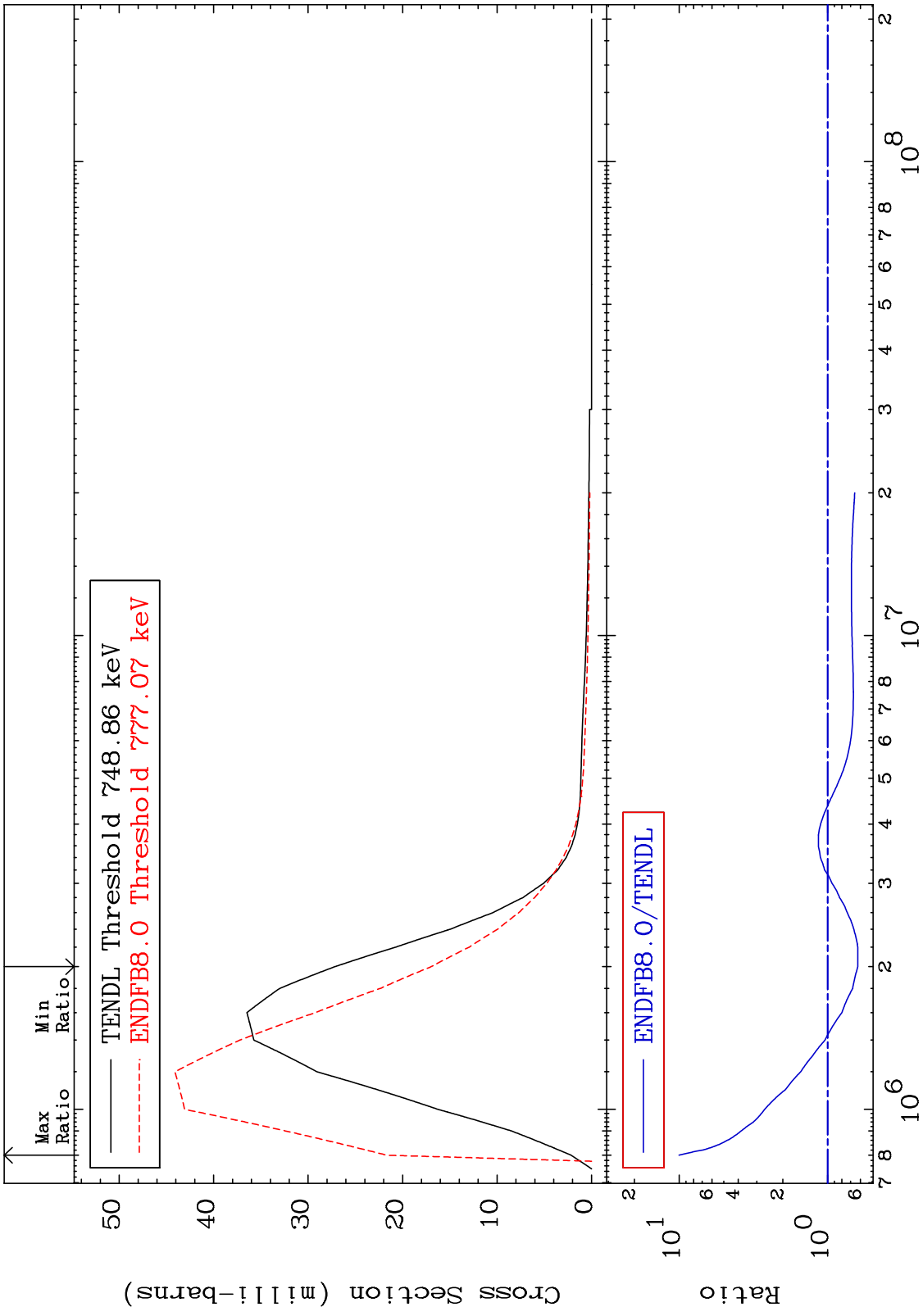


20 Incident Energy (eV) 75-Re-187

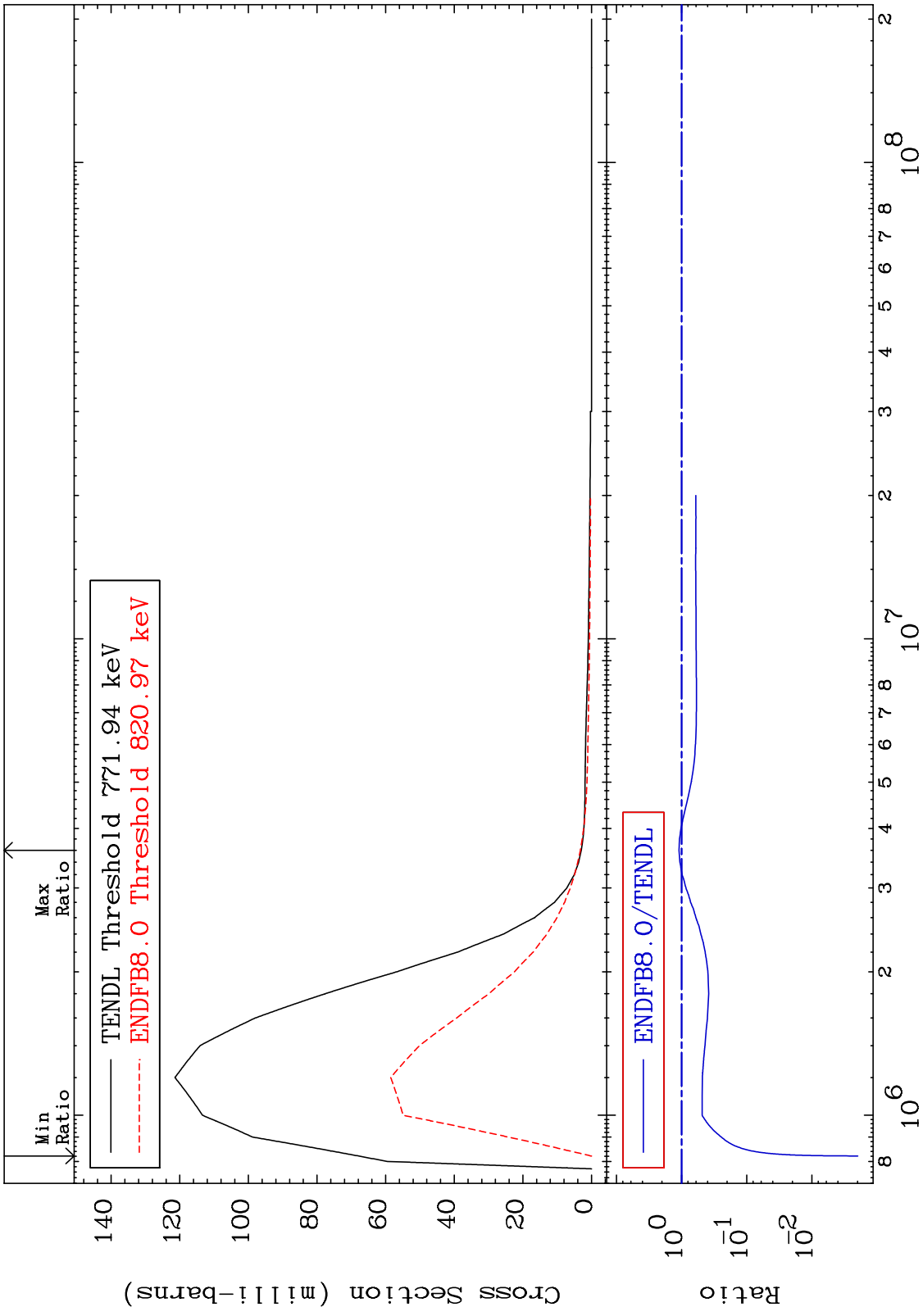
MAT 7531 MT= 64 (n,n') Level Cross Section 75-Re-187 -88.10 To 66.34 %



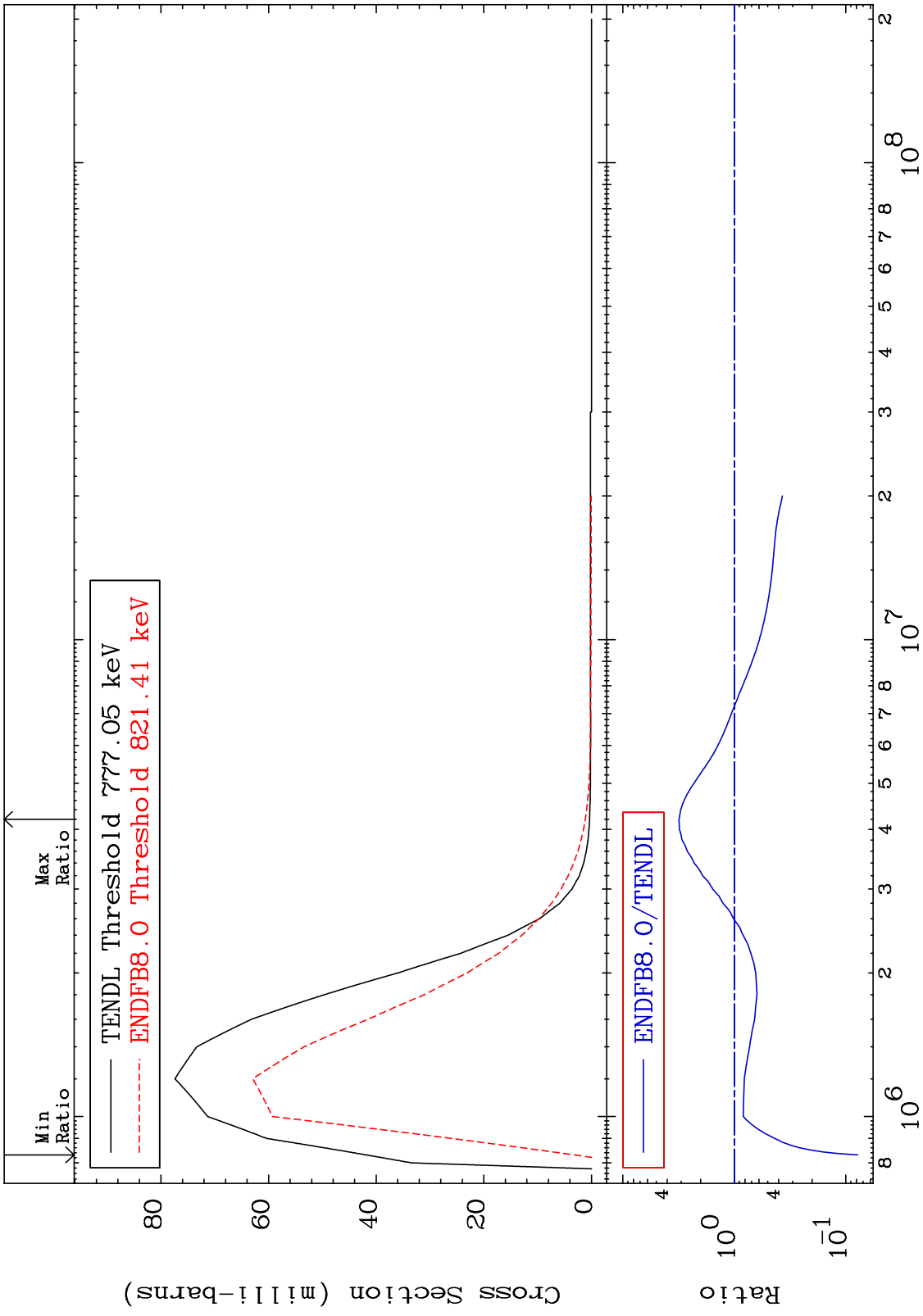
MAT 7531 MT= 65 (n,n') Level Cross Section 75-Re-187 -37.50 To 901.6 %



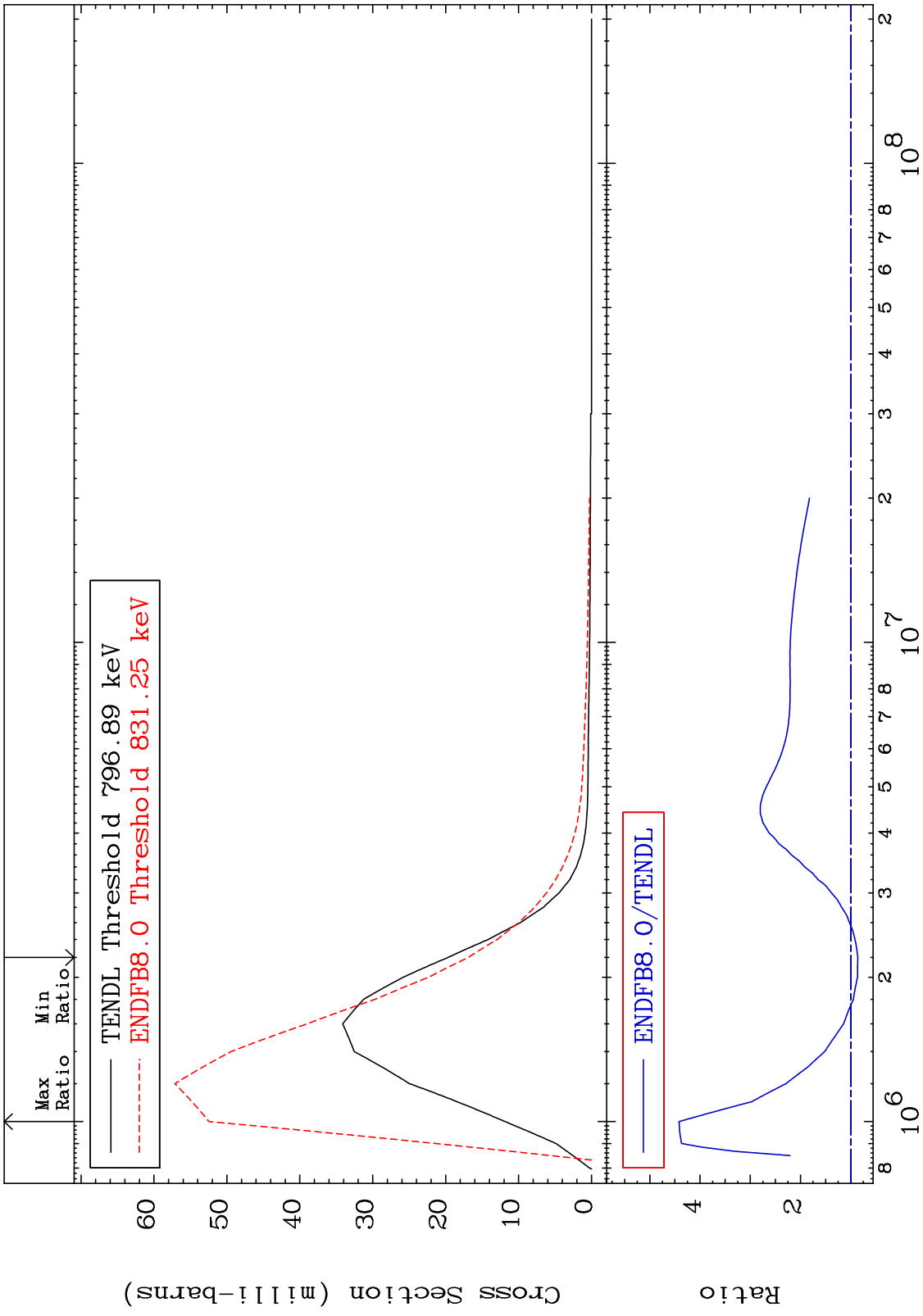
MAT 7531 MT= 66 (n,n') Level Cross Section 75-Re-187 -99.80 To 9.531 %



MAT 7531 MT= 67 (n,n') Level Cross Section 75-Re-187 -92.21 To 212.7 %

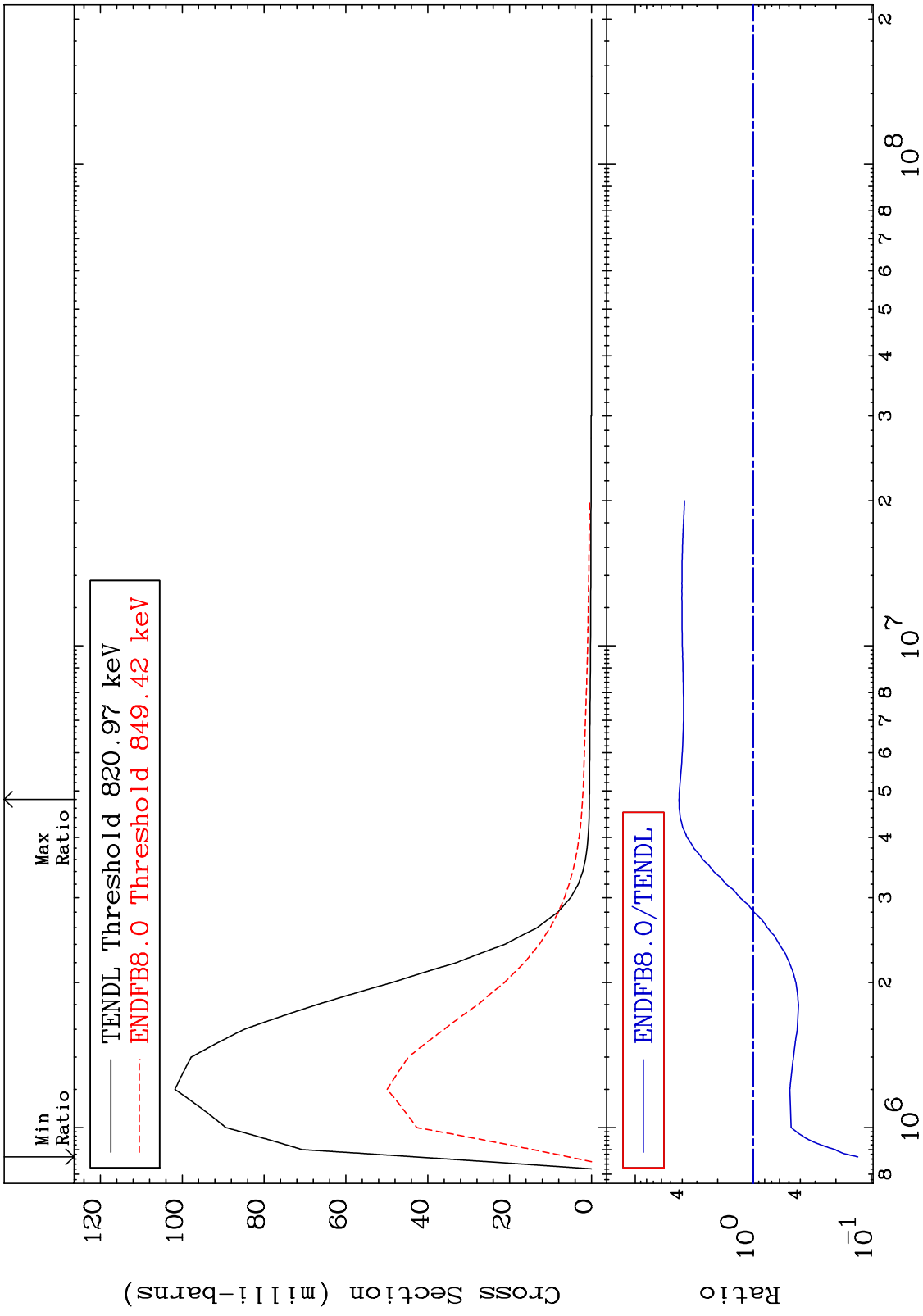


MAT 7531 MT= 68 (n,n') Level Cross Section 75-Re-187
 -14.12 To 341.8 %

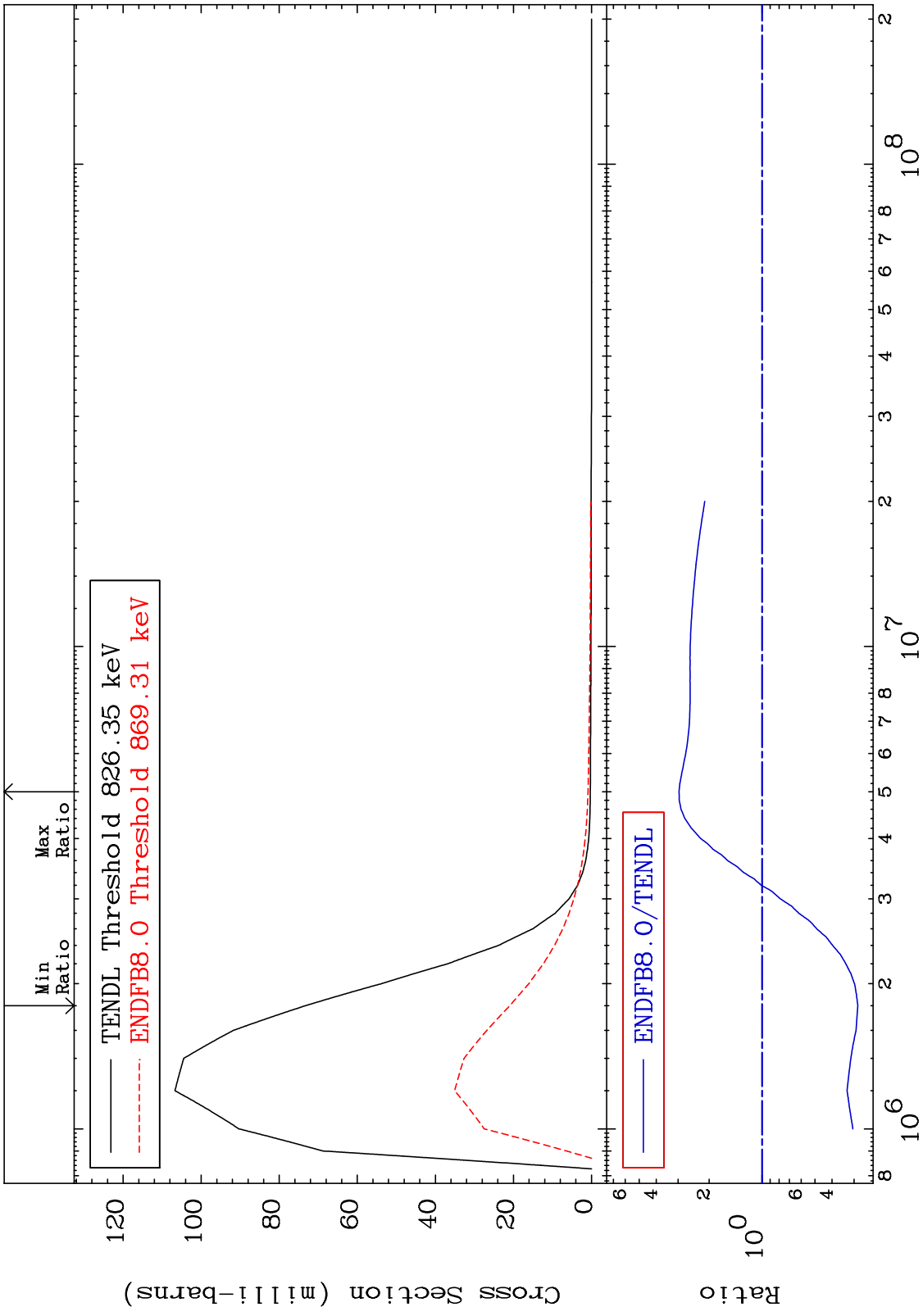


25 Incident Energy (eV) 75-Re-187

MAT 7531 MT= 69 (n,n') Level Cross Section 75-Re-187 -86.97 To 325.5 %



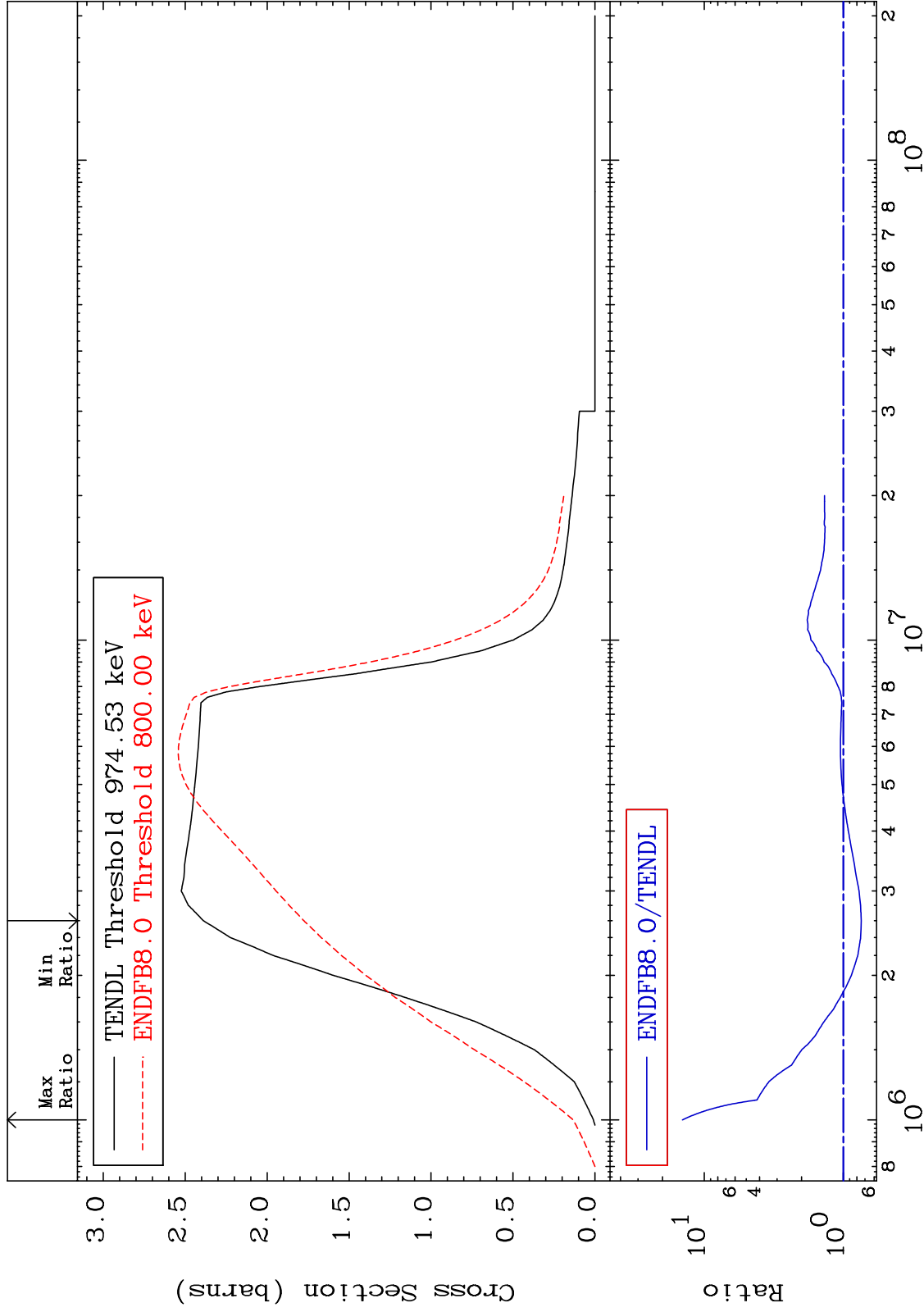
MAT 7531 MT= 70 (n,n') Level Cross Section 75-Re-187
 -71.47 To 196.6 %



MAT 7531

(n, n') Continuum
Cross Section

75-Re-187
-25.67 To 1336. %

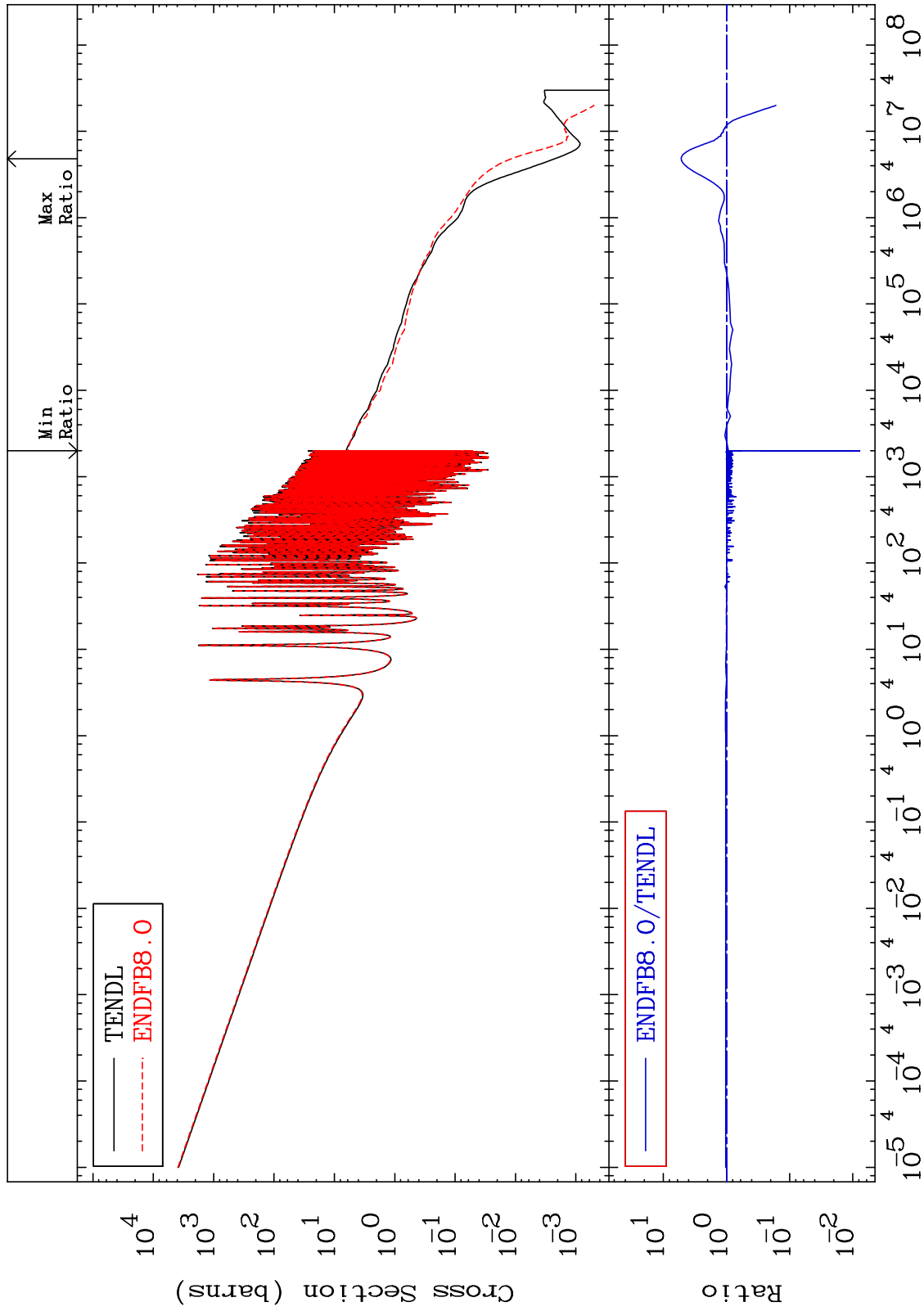


MAT 7531

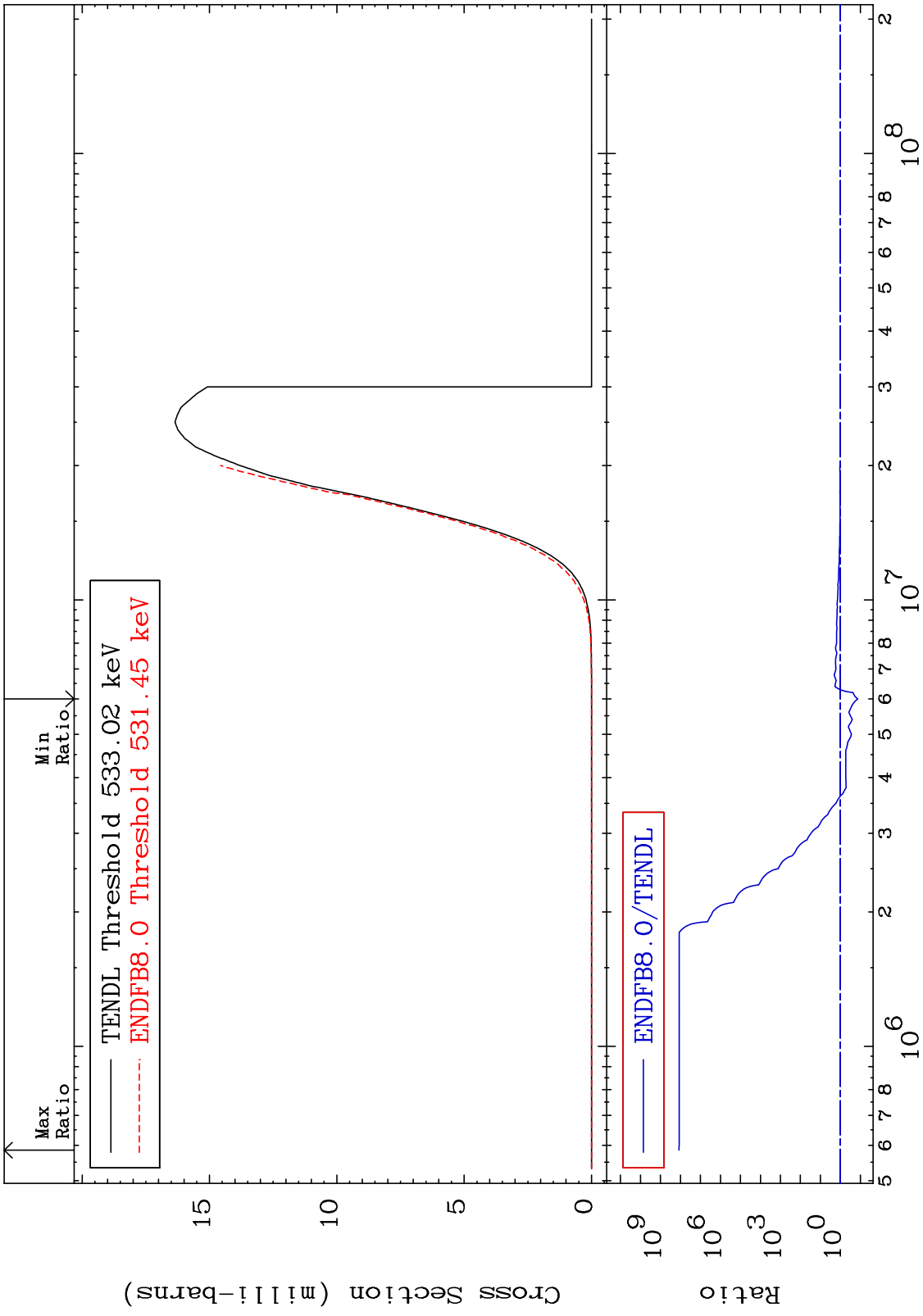
(n, γ)

75-Re-187
-99.23 To 421.1 %

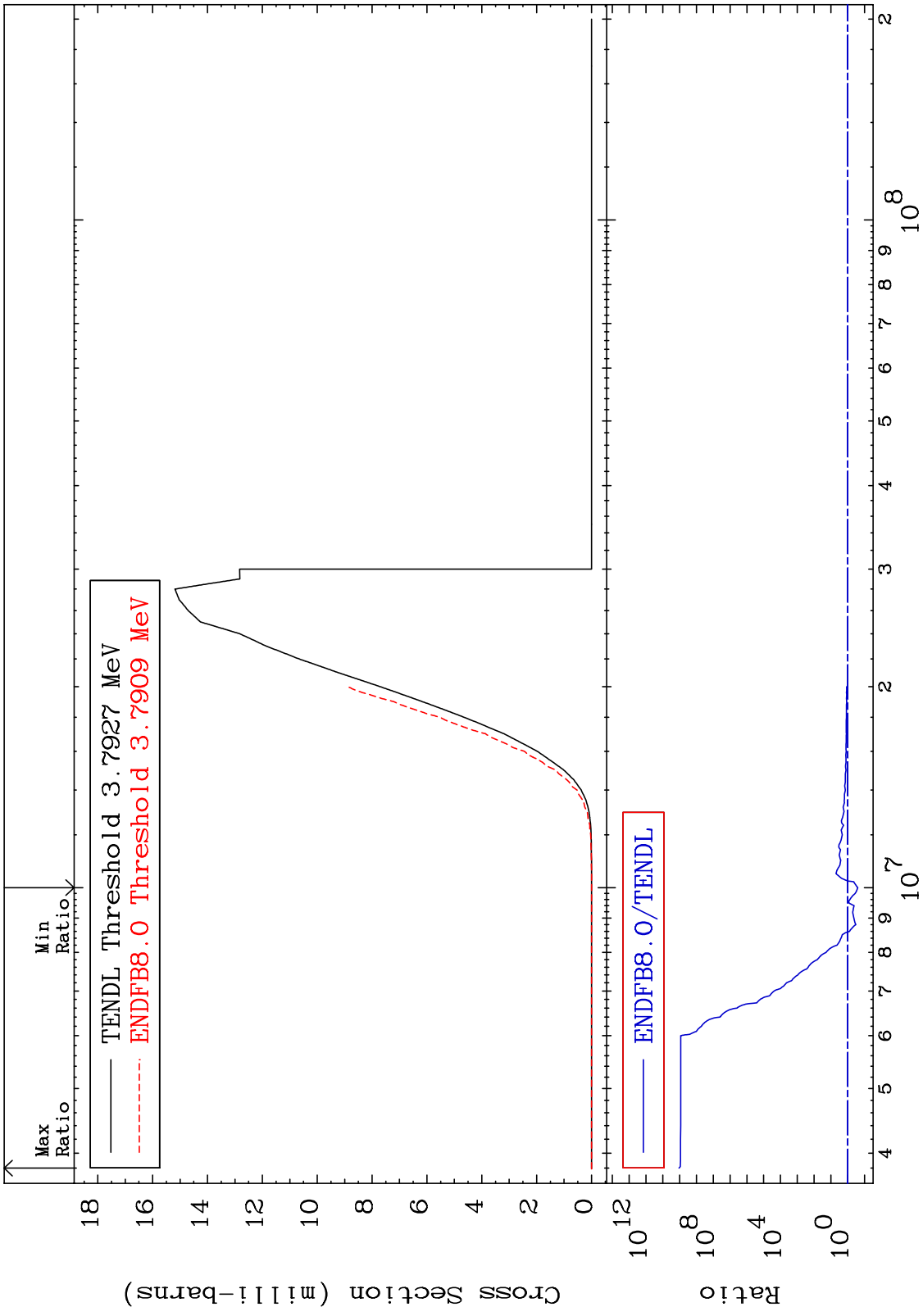
Cross Section

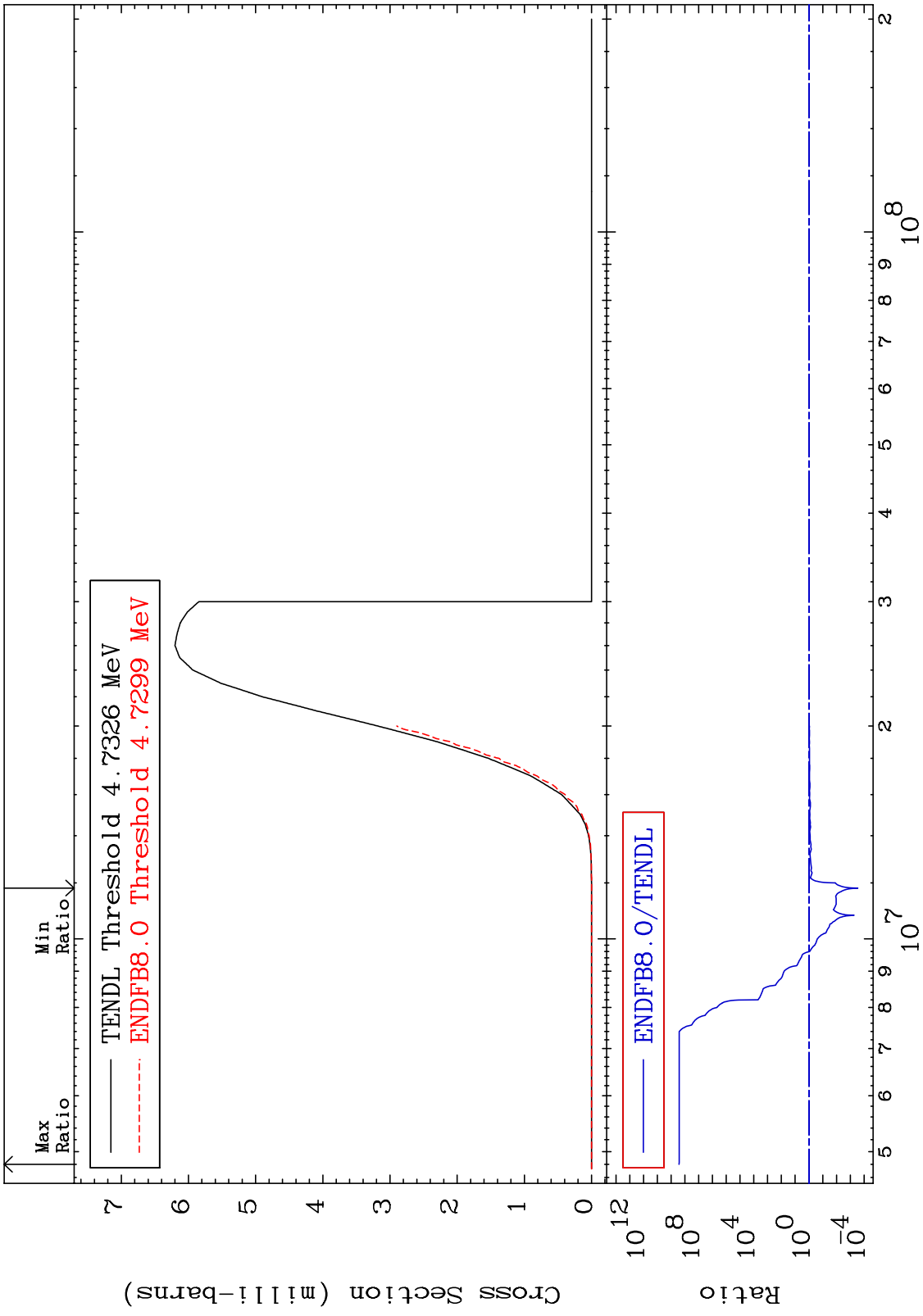


MAT 7531 (n,p) Cross Section 75-Re-187 -86.64 To 9999. %



MAT 7531 (n,d) Cross Section 75-Re-187 -74.97 To 9999. %





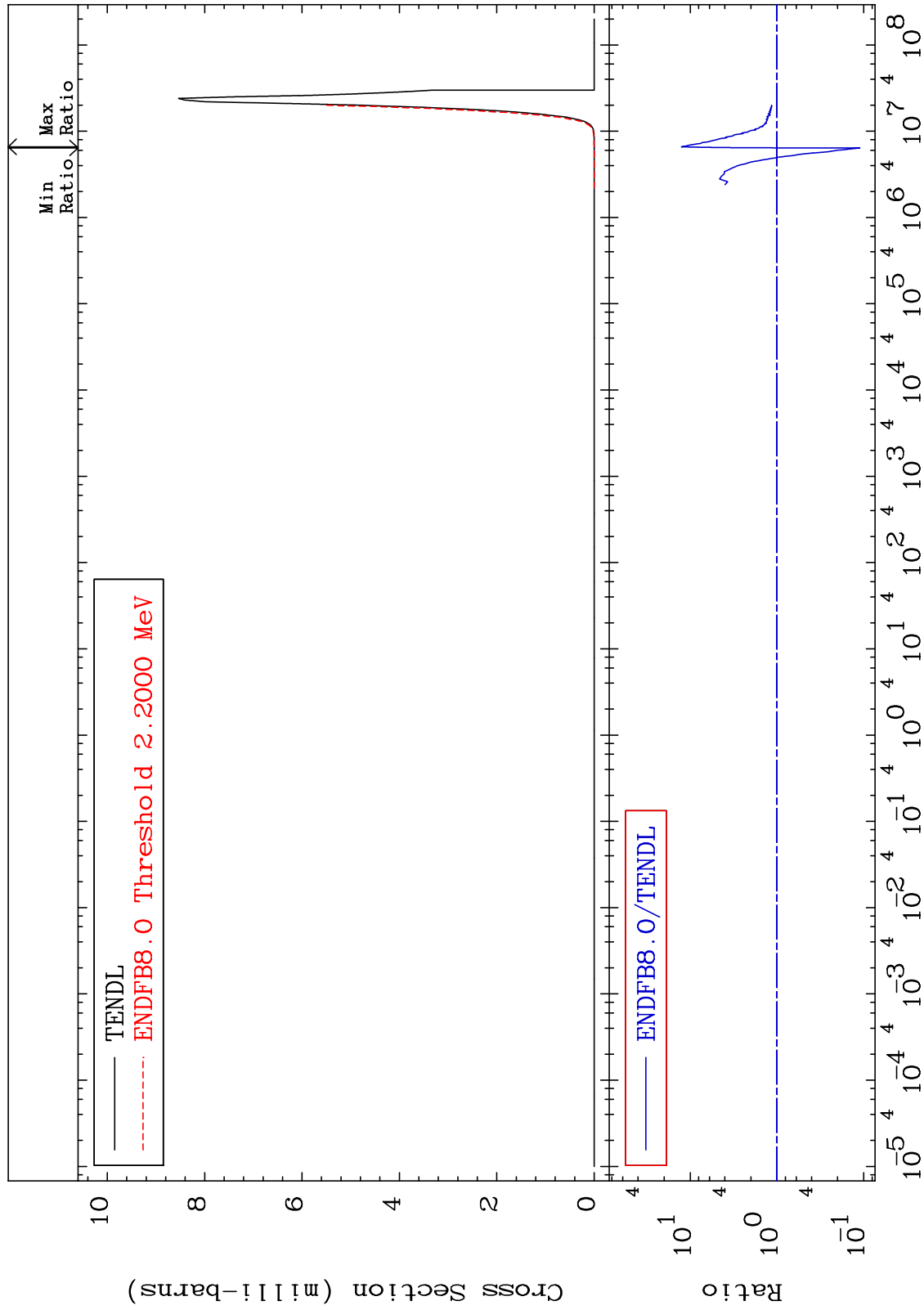
MAT 7531

(n, α)

75-Re-187

Cross Section

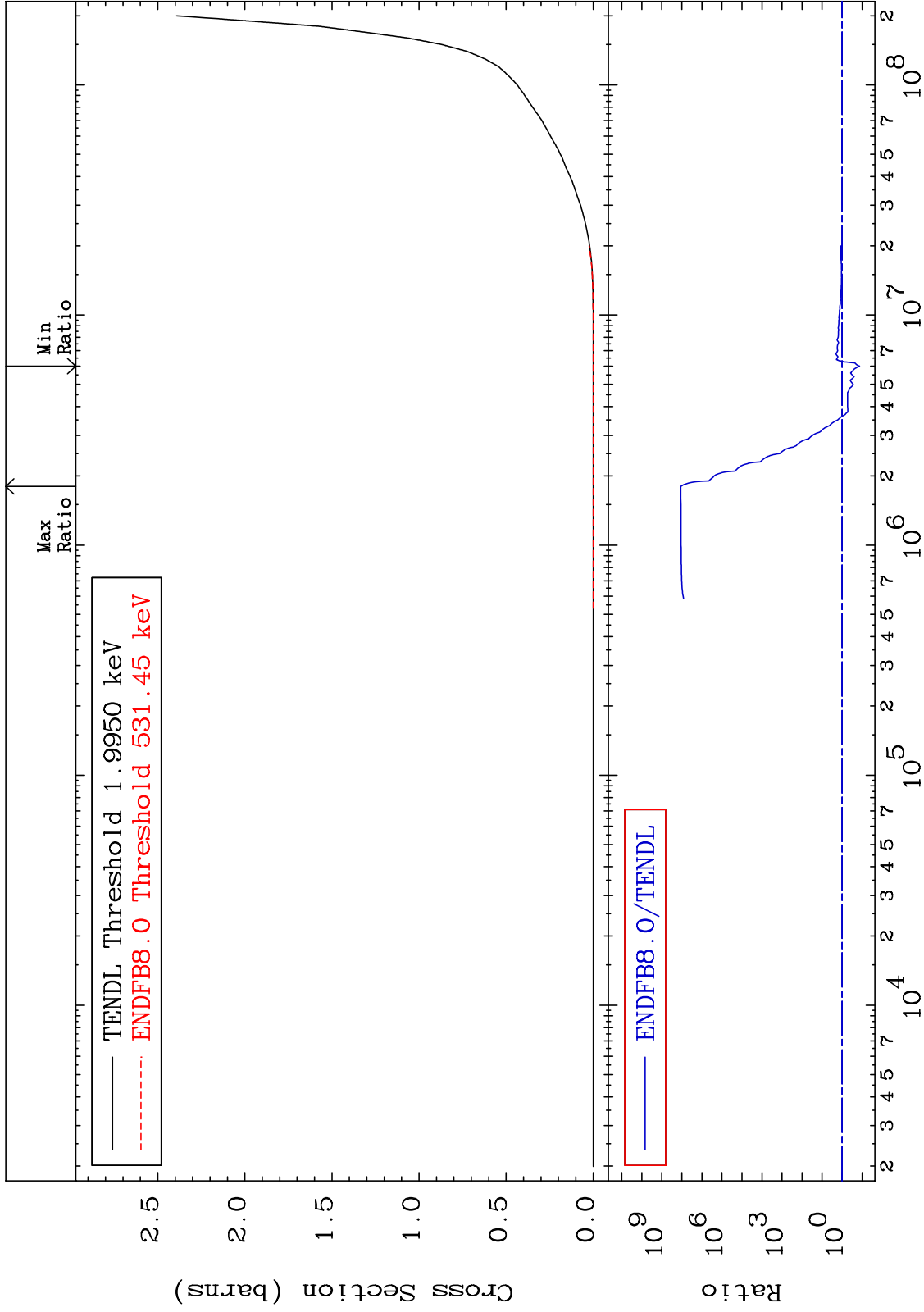
-88.90 To 1162. %



MAT 7531

Hydrogen Production
Cross Section

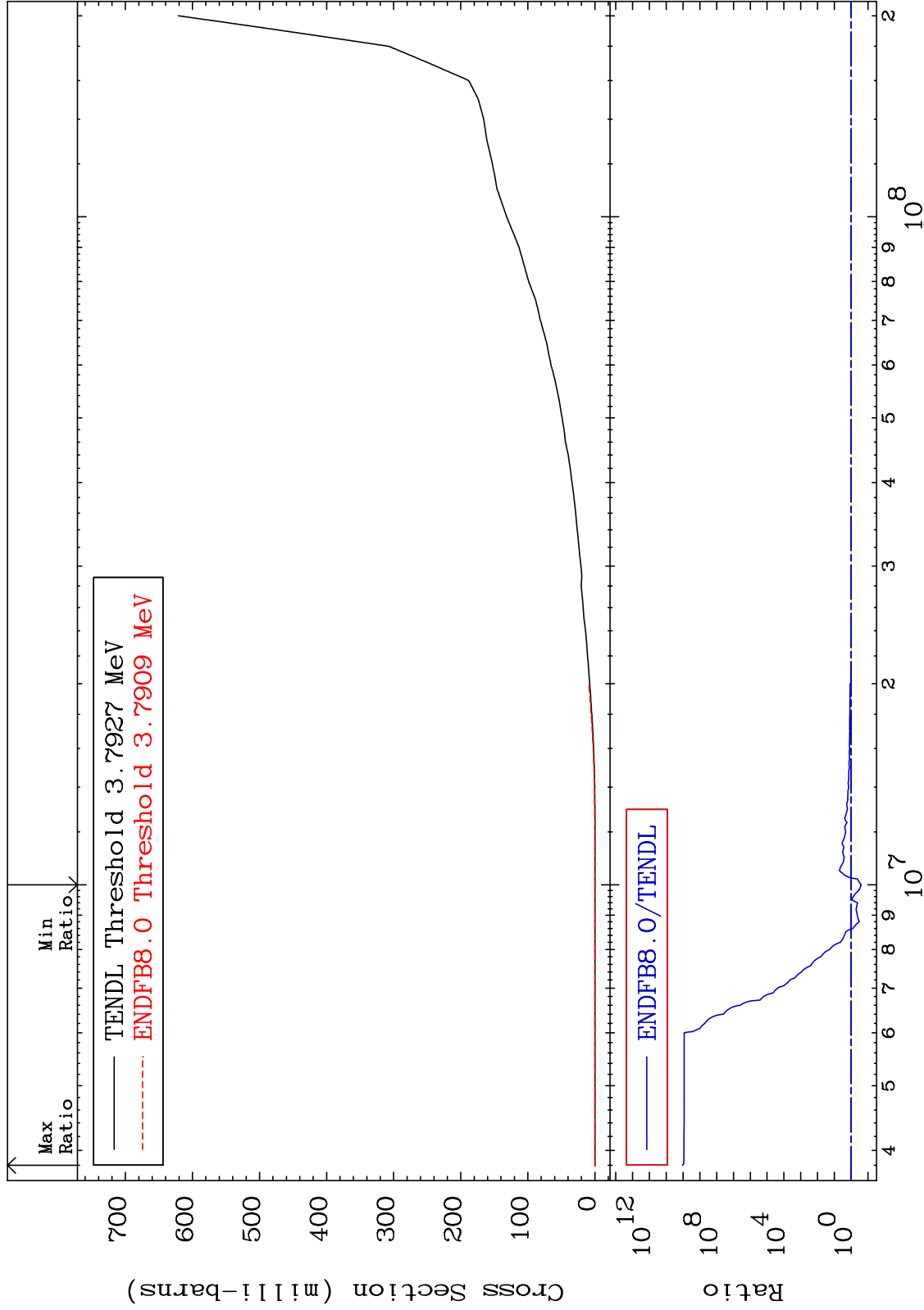
75-Re-187
-86.64 To 9999. %



MAT 7531

Deuterium Production
Cross Section

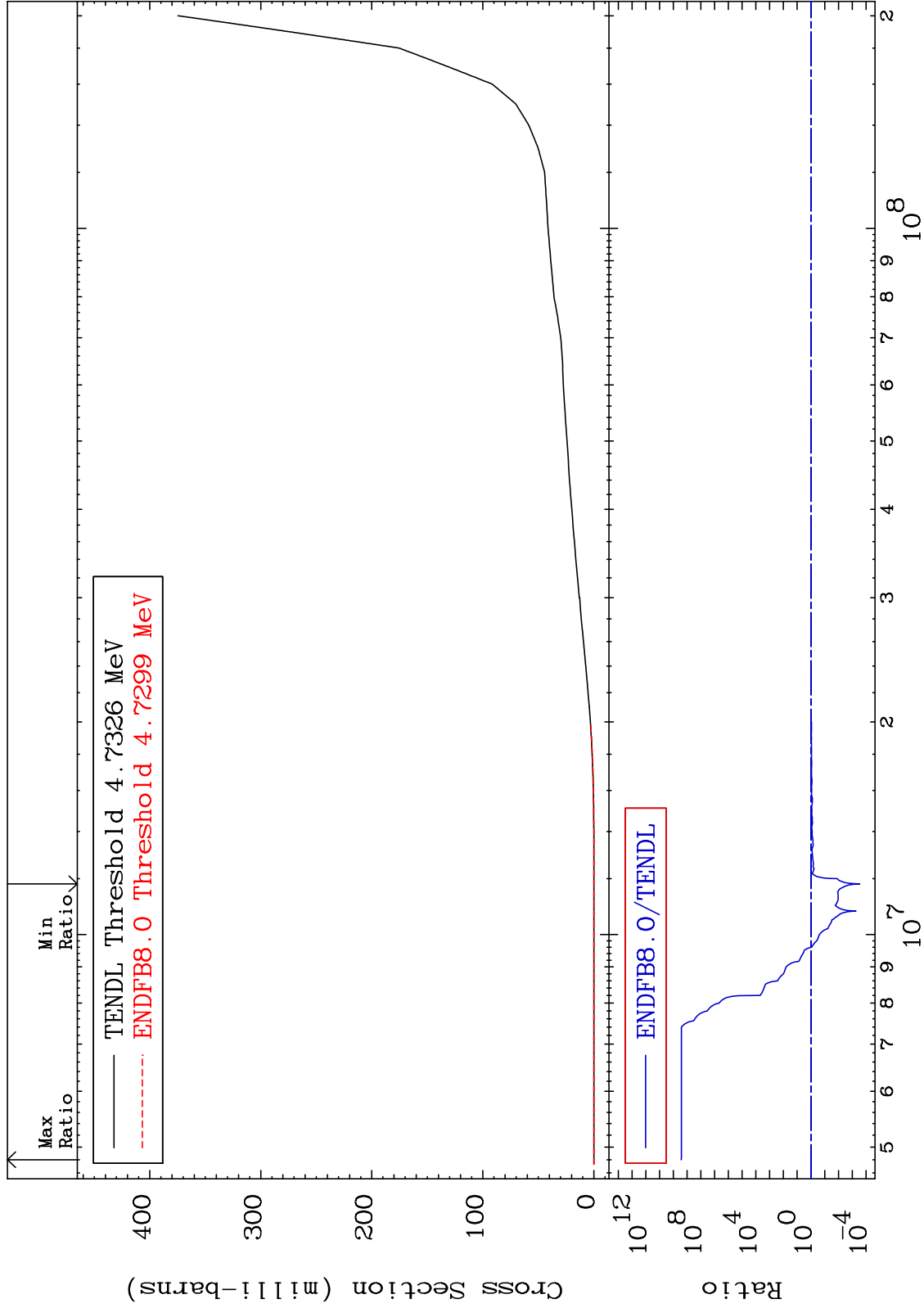
75-Re-187
-74.97 To 9999. %



MAT 7531

Tritium Production
Cross Section

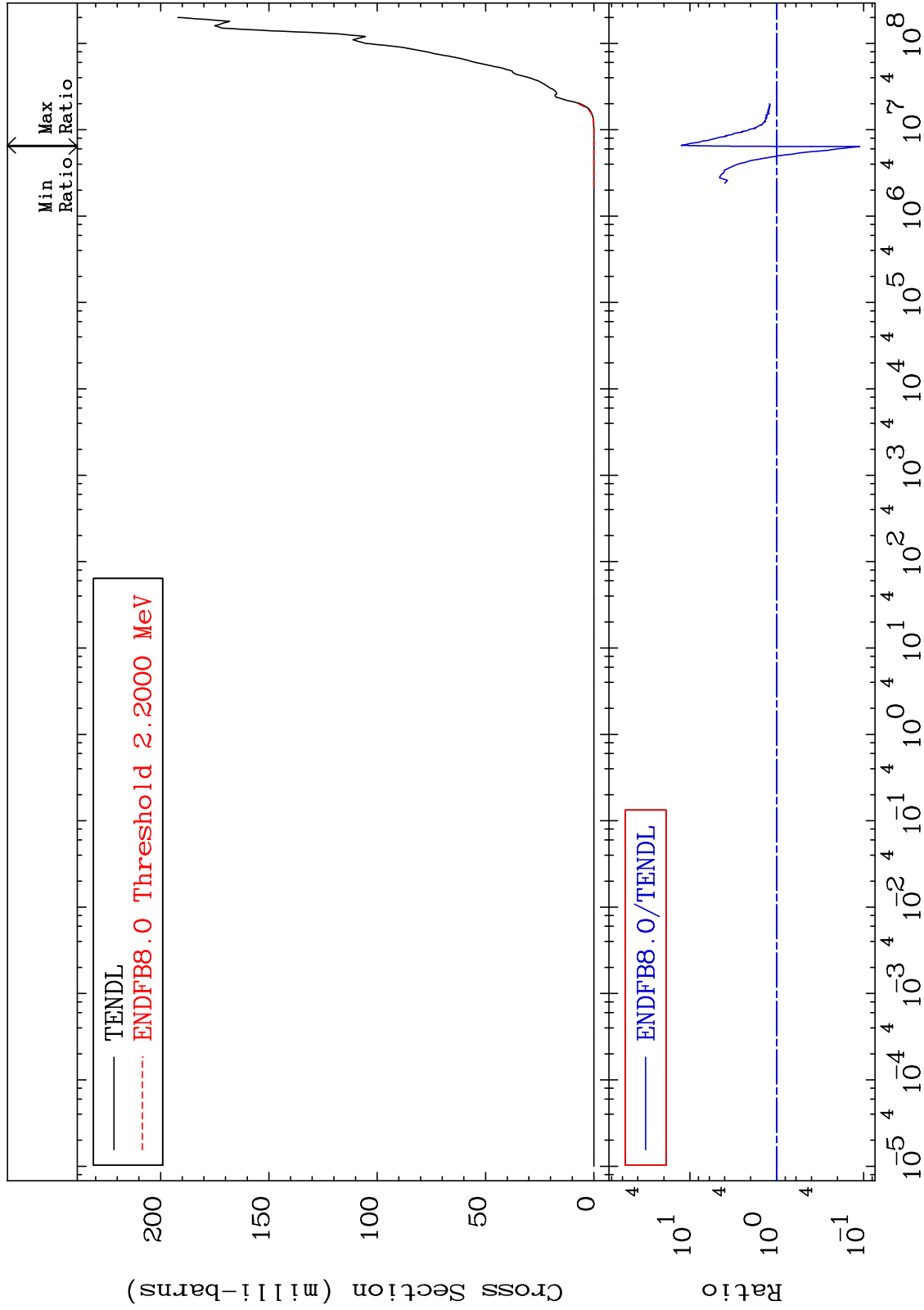
75-Re-187
-99.97 To 9999. %



MAT 7531

He-4 Production
Cross Section

75-Re-187
-88.91 To 1161. %

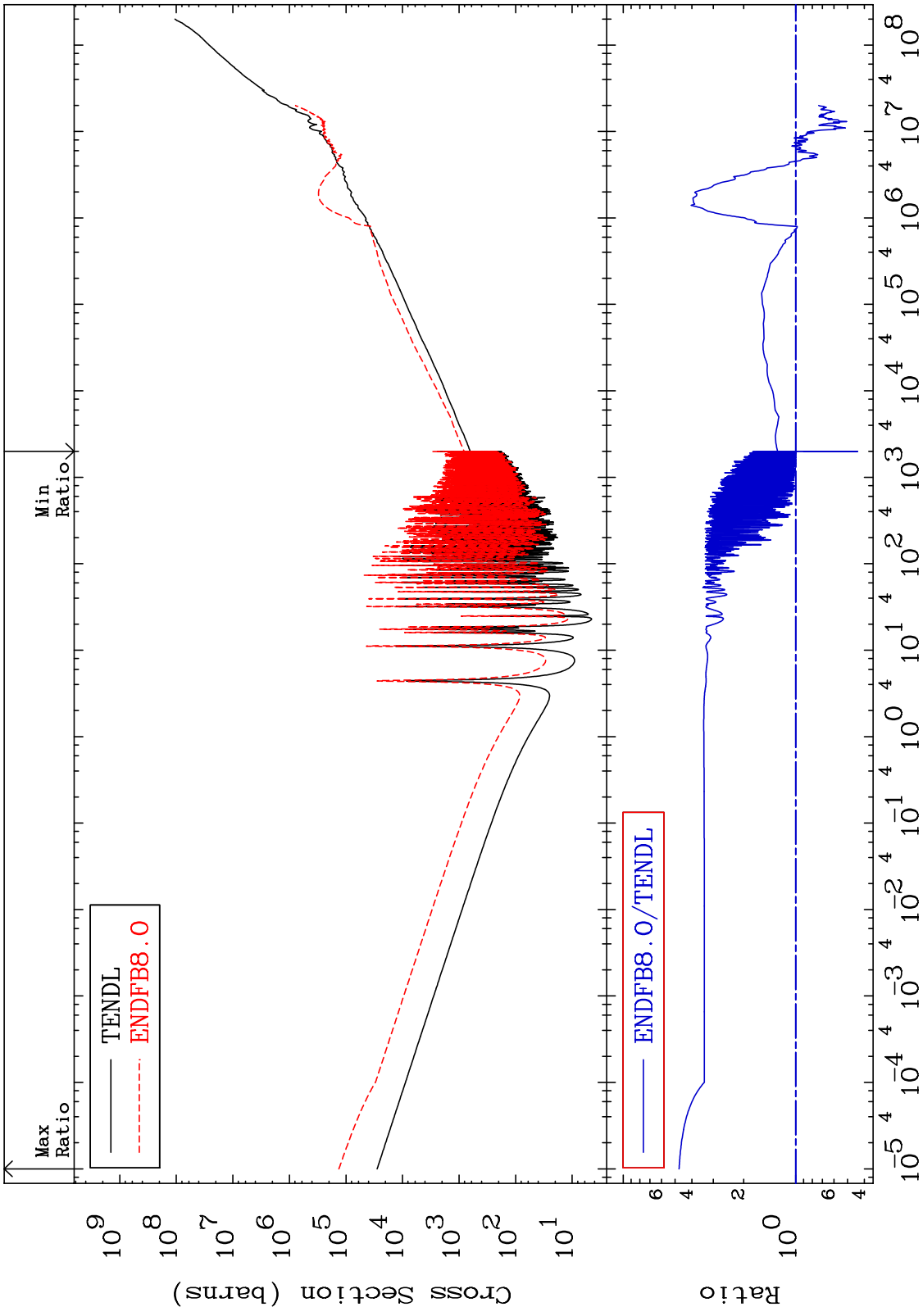


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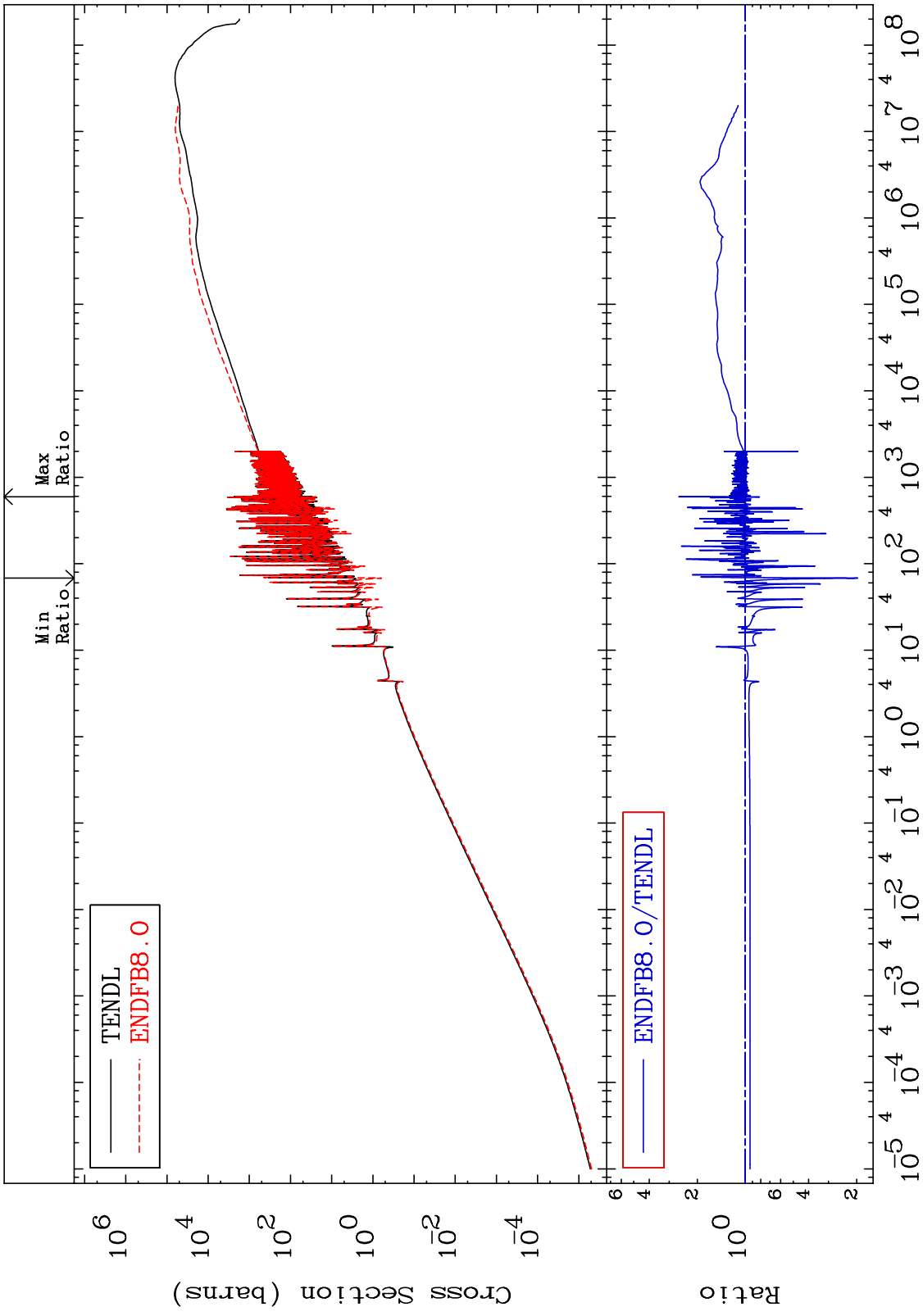
Incident Energy (eV)

75-Re-187

MAT 7531 Kerma total (eV-barns) 75-Re-187
 Cross Section -56.41 To 374.5 %

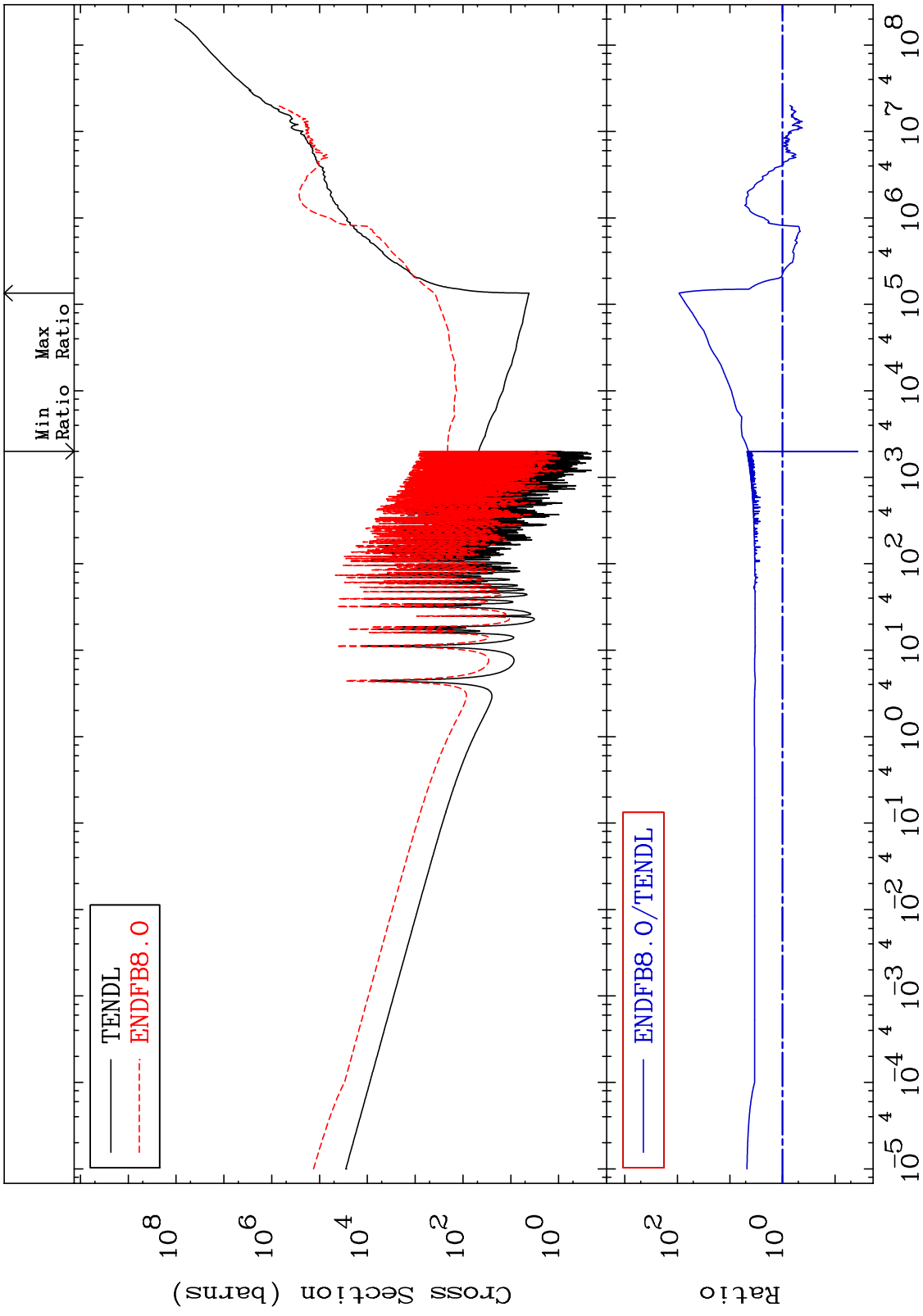


MAT 7531 75-Re-187
-80.34 To 160.1 %
 Kerma elastic Cross Section



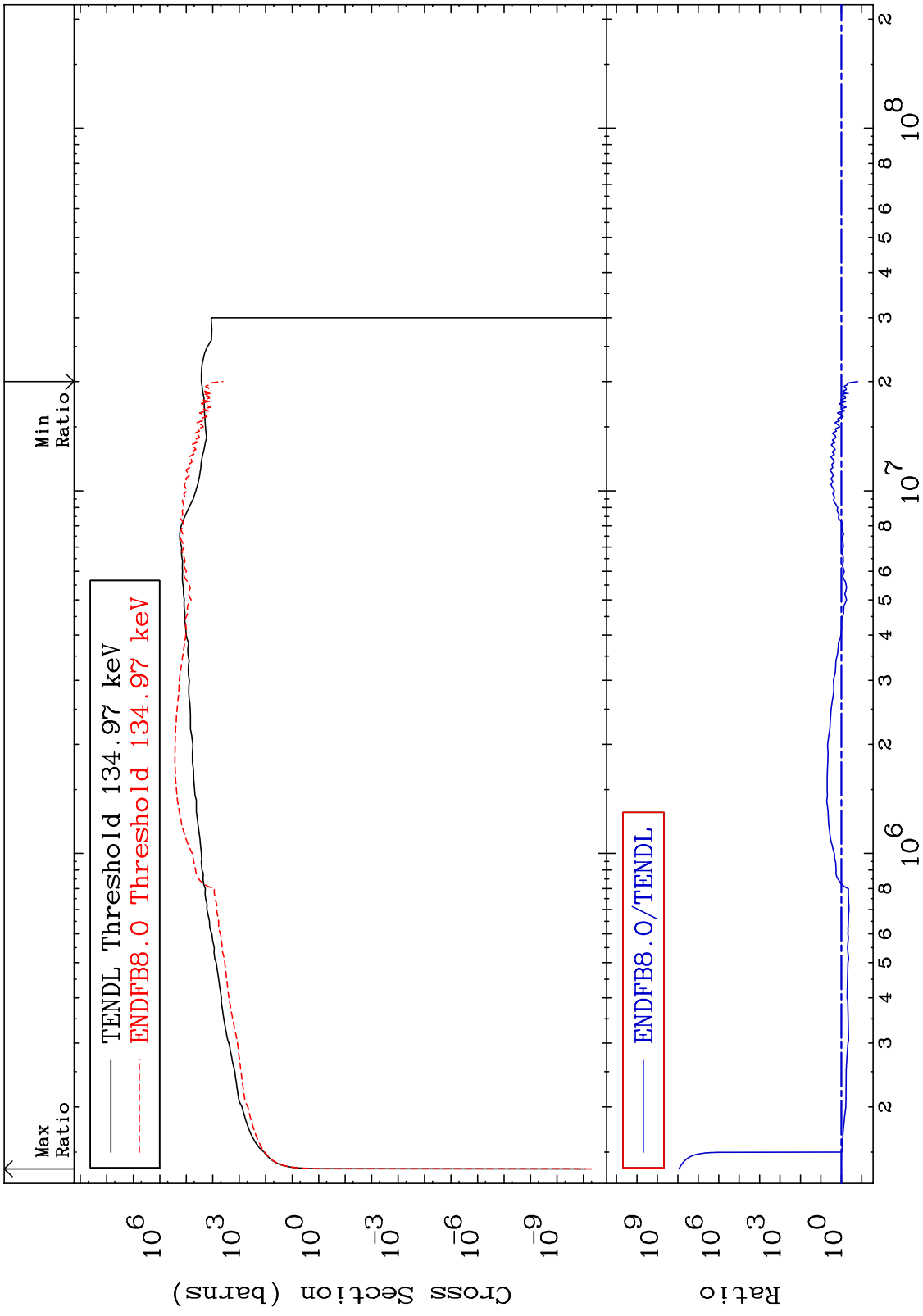
39 75-Re-187

MAT 7531 Kerma non-elastic (all but mt2) 75-Re-187
 Cross Section -96.32 To 9204. %



40 75-Re-187

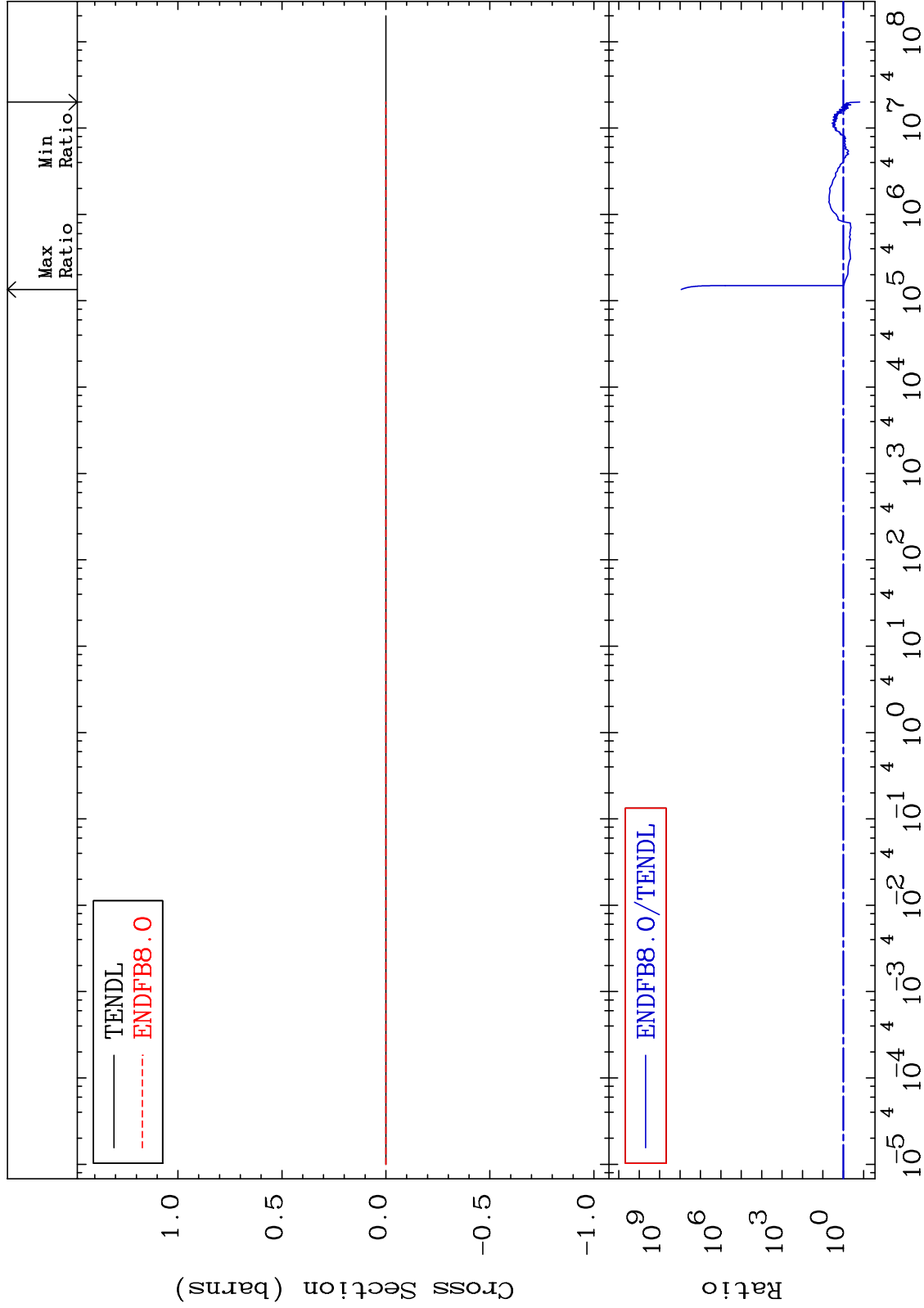
MAT 7531 Kerma inelastic (mt51-91) 75-Re-187
 Cross Section -84.42 To 9999. %



MAT 7531

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

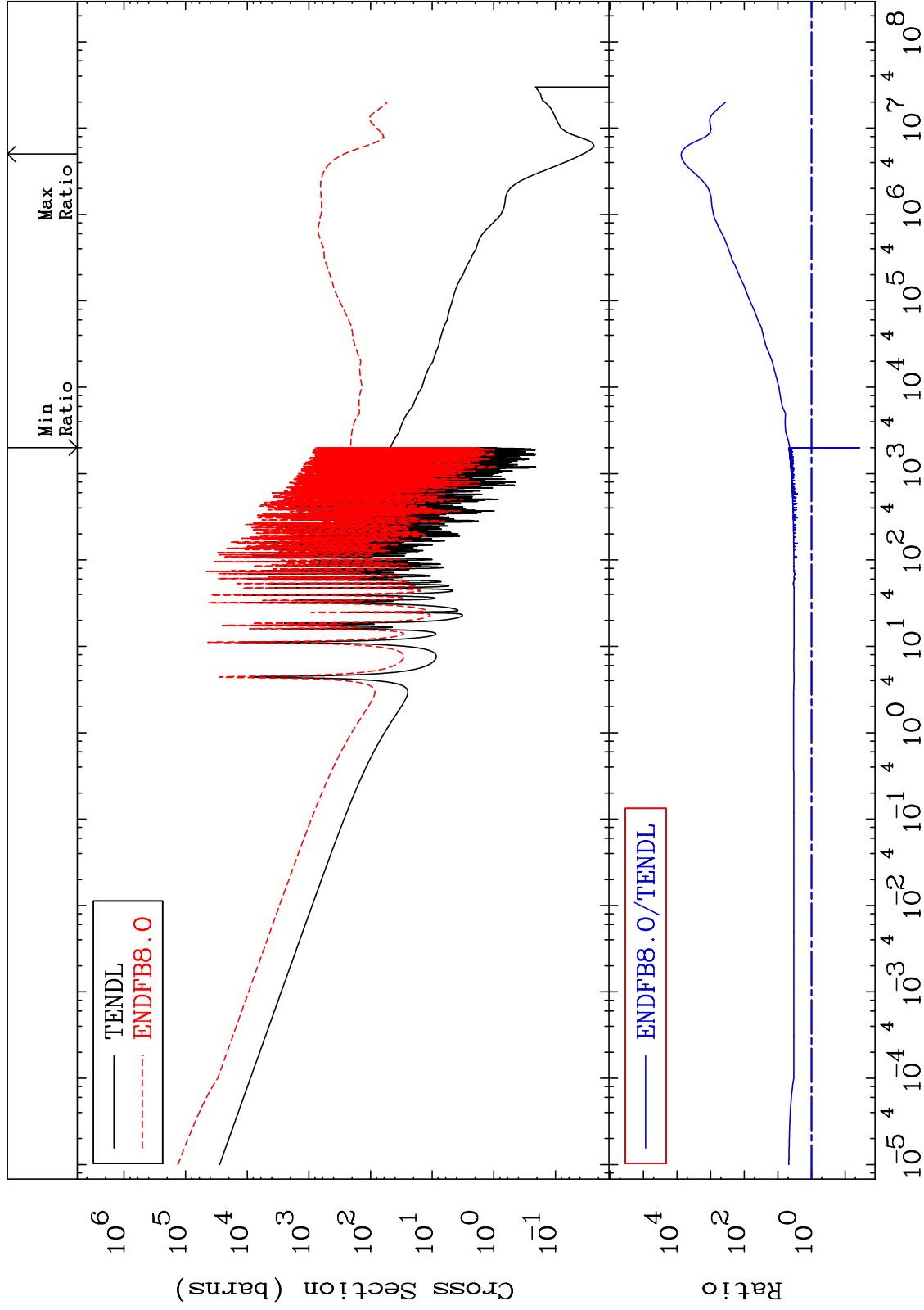
75-Re-187
-84.42 To 9999. %



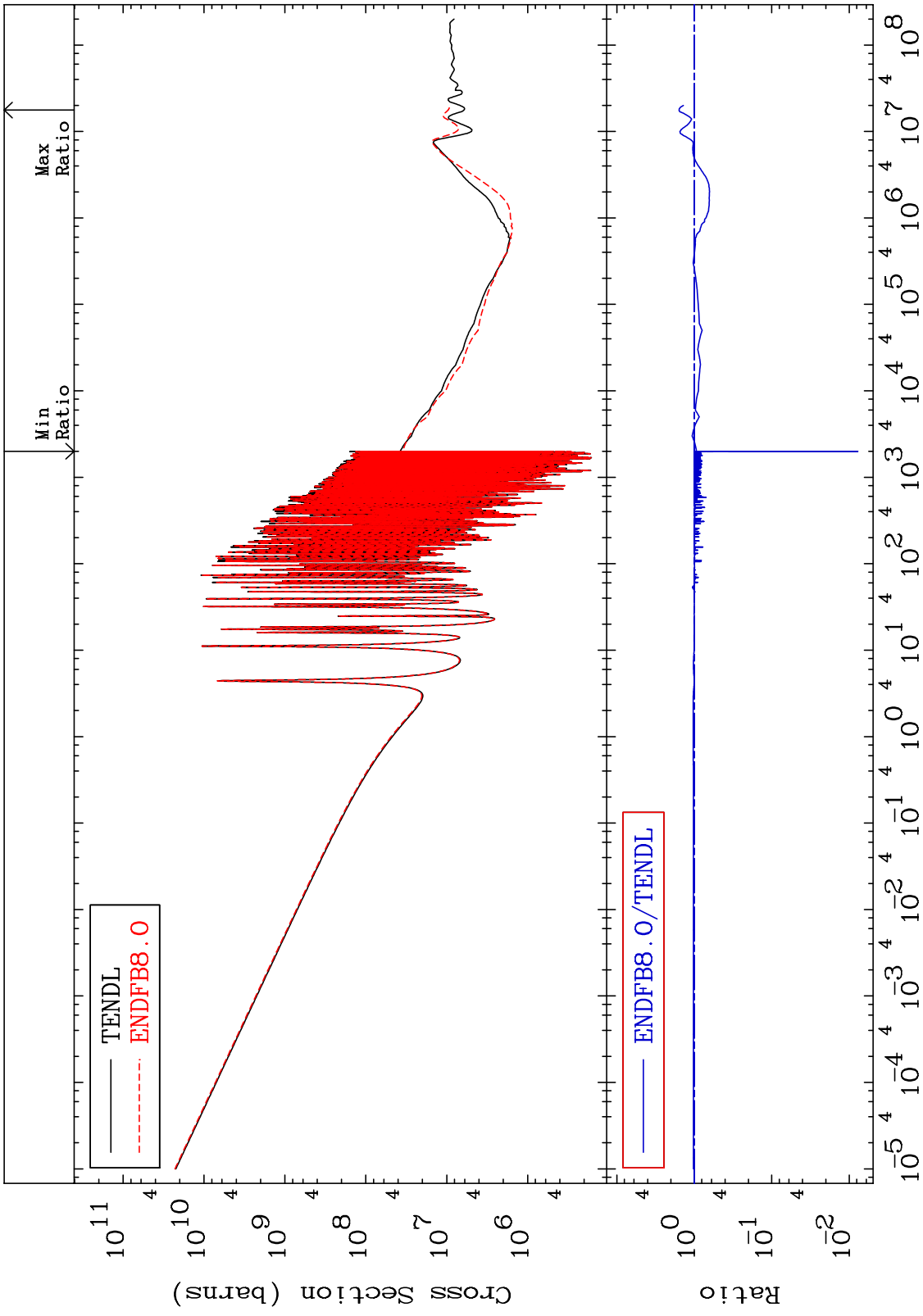
MAT 7531

Kerma capture (mt102)
Cross Section

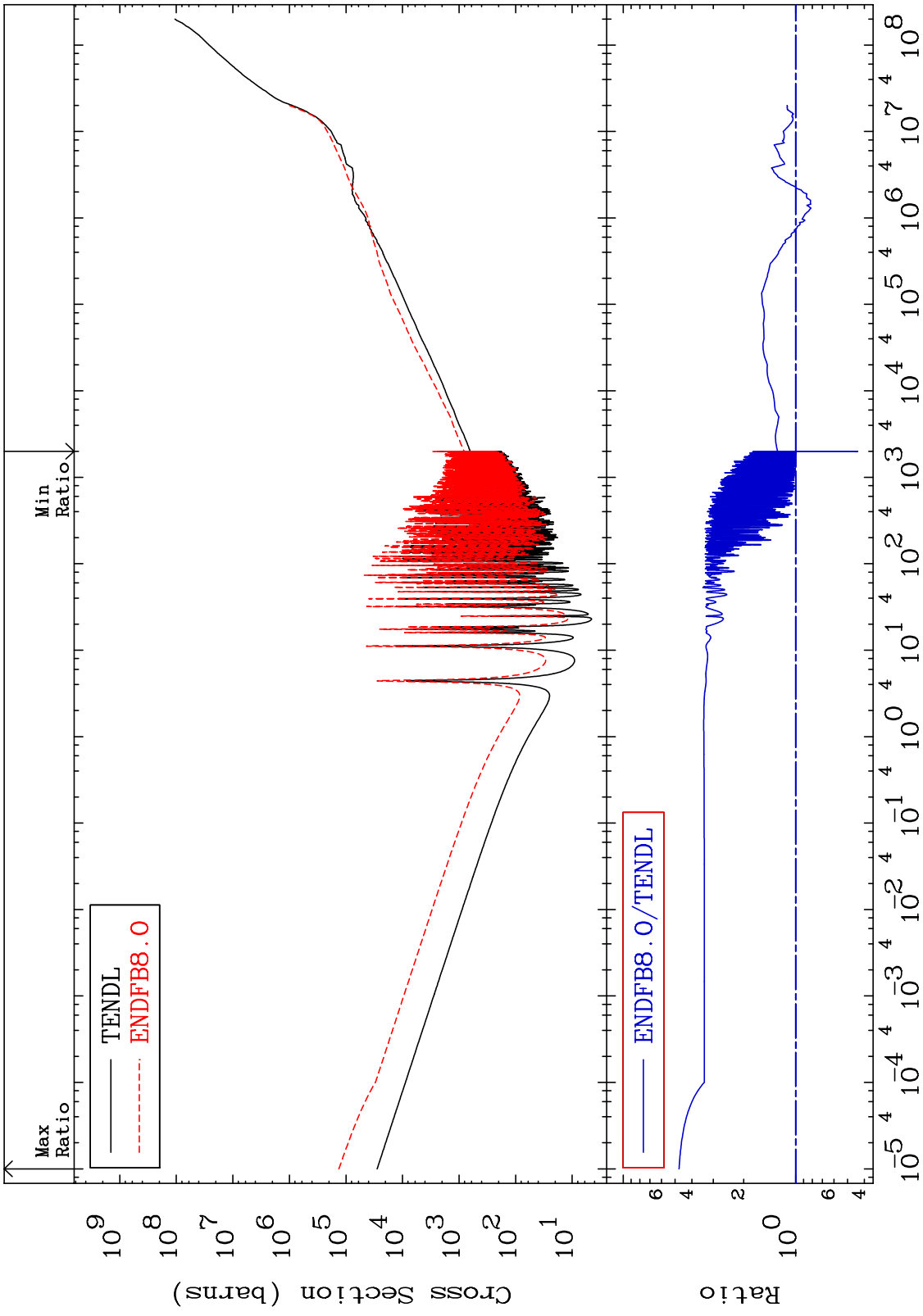
75-Re-187
-96.32 To 9999. %



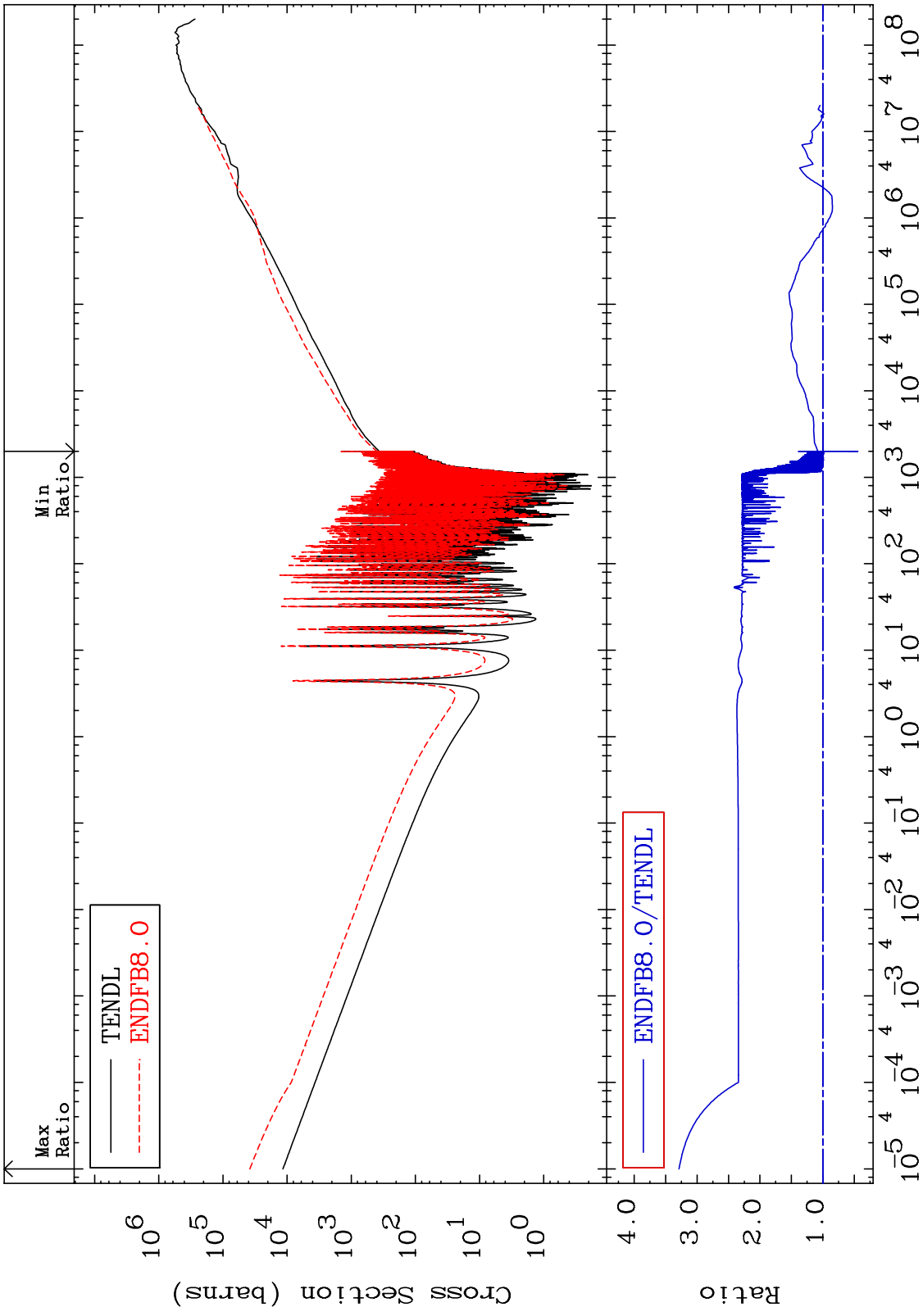
MAT 7531 Total photon (eV-barns)
Cross Section 75-Re-187
-99.23 To 57.37 %



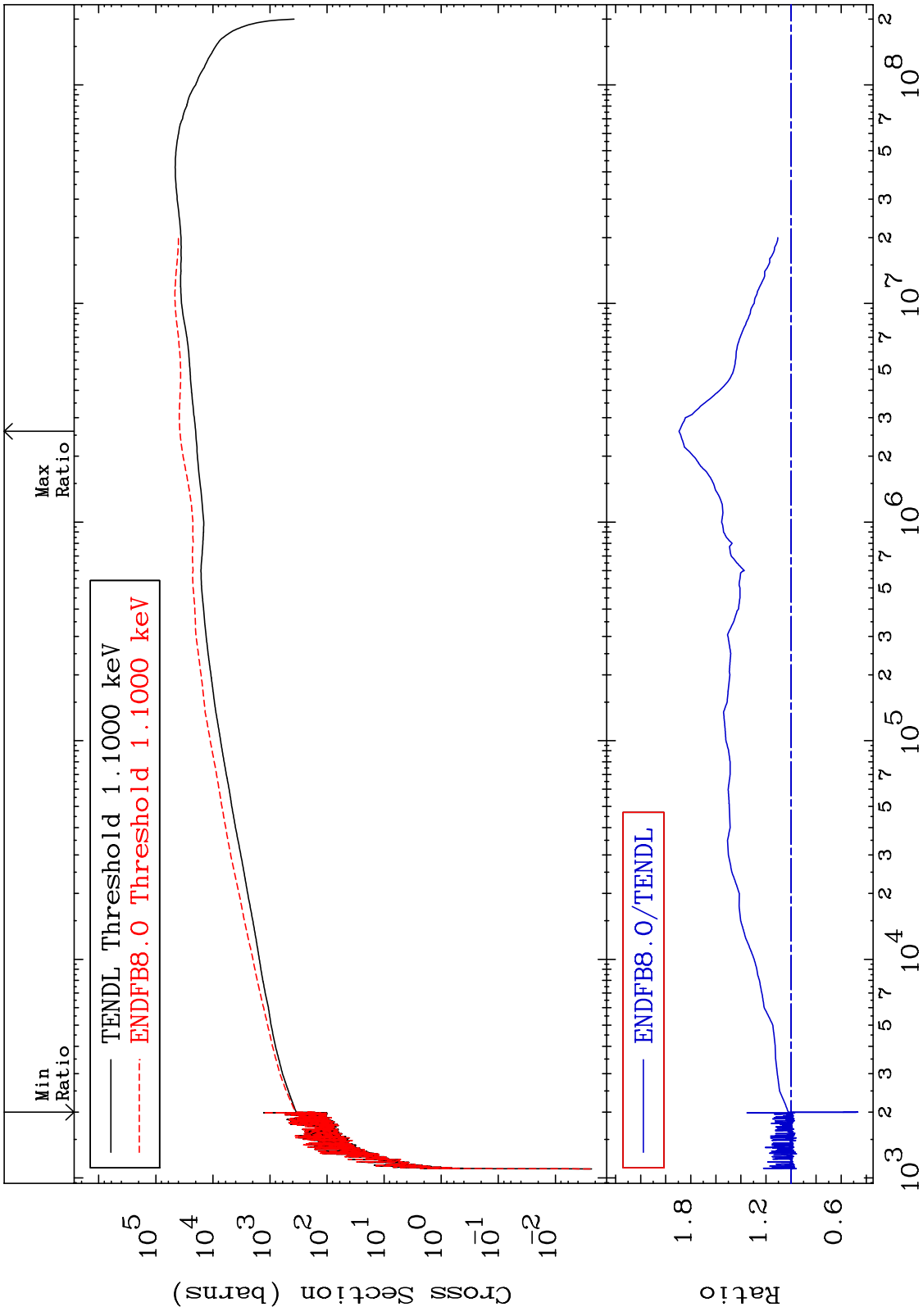
MAT 7531 Total kinematic kerma (high limit) 75-Re-187
 Cross Section -56.41 To 374.5 %



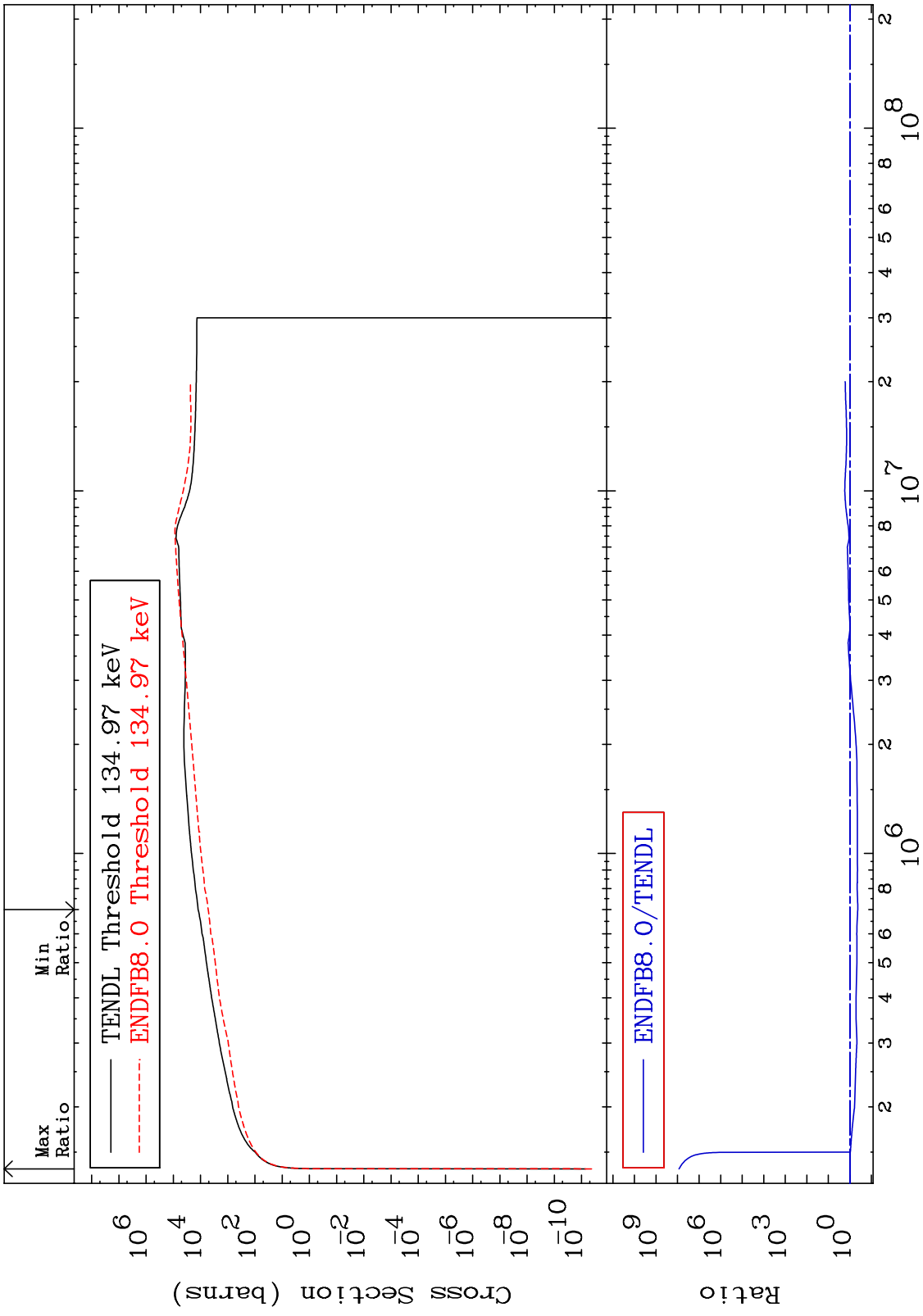
MAT 7531 Dpa total (eV-barns) 75-Re-187
 Cross Section -55.67 To 228.7 %



MAT 7531 75-Re-187
 Dpa elastic (mt2) -53.31 To 89.37 %
 Cross Section



MAT 7531 Dpa inelastic (mt51-91) 75-Re-187
 Cross Section -57.33 To 9999. %



MAT 7531 Dpa disappearance (mt102 -120) 75-Re-187
 Cross Section -98.23 To 507.4 %

