

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

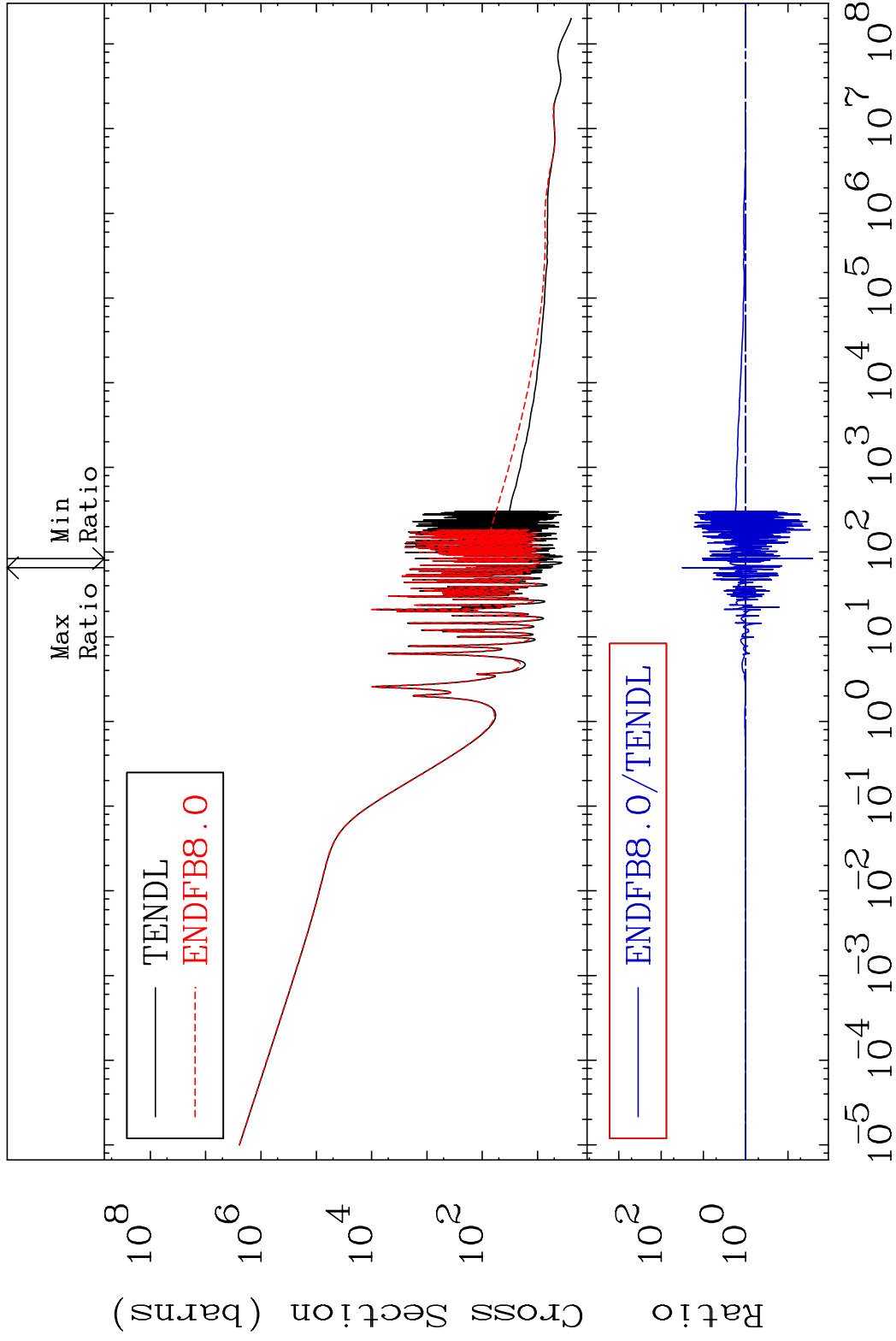
MAT 6434

Total

64-Gd-155

Cross Section

-97.39 To 3040. %



1

Incident Energy (eV)

64-Gd-155

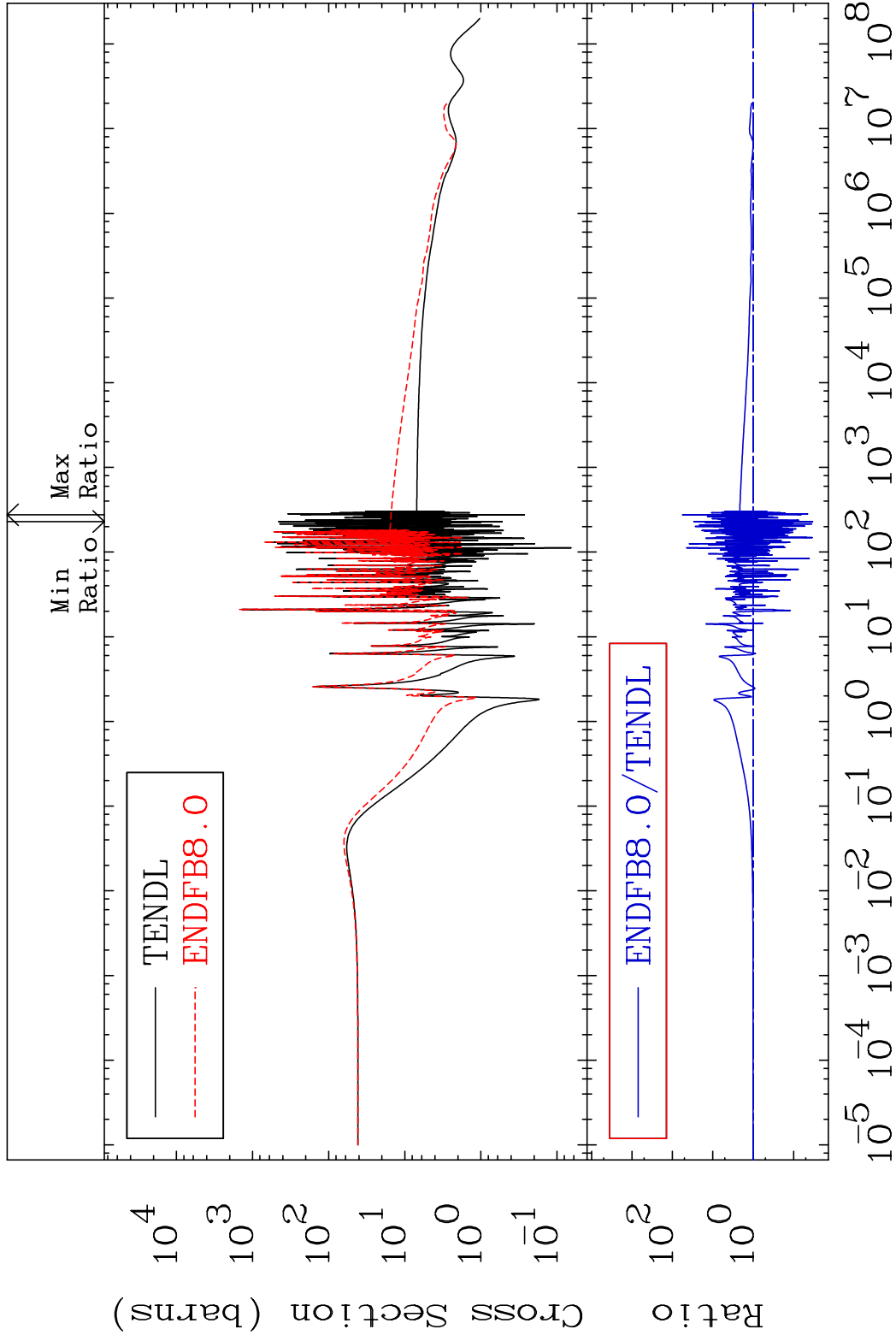
MAT 6434

Elastic

64-Gd-155

Cross Section

-96.61 To 5556. %



2

Incident Energy (eV)

64-Gd-155

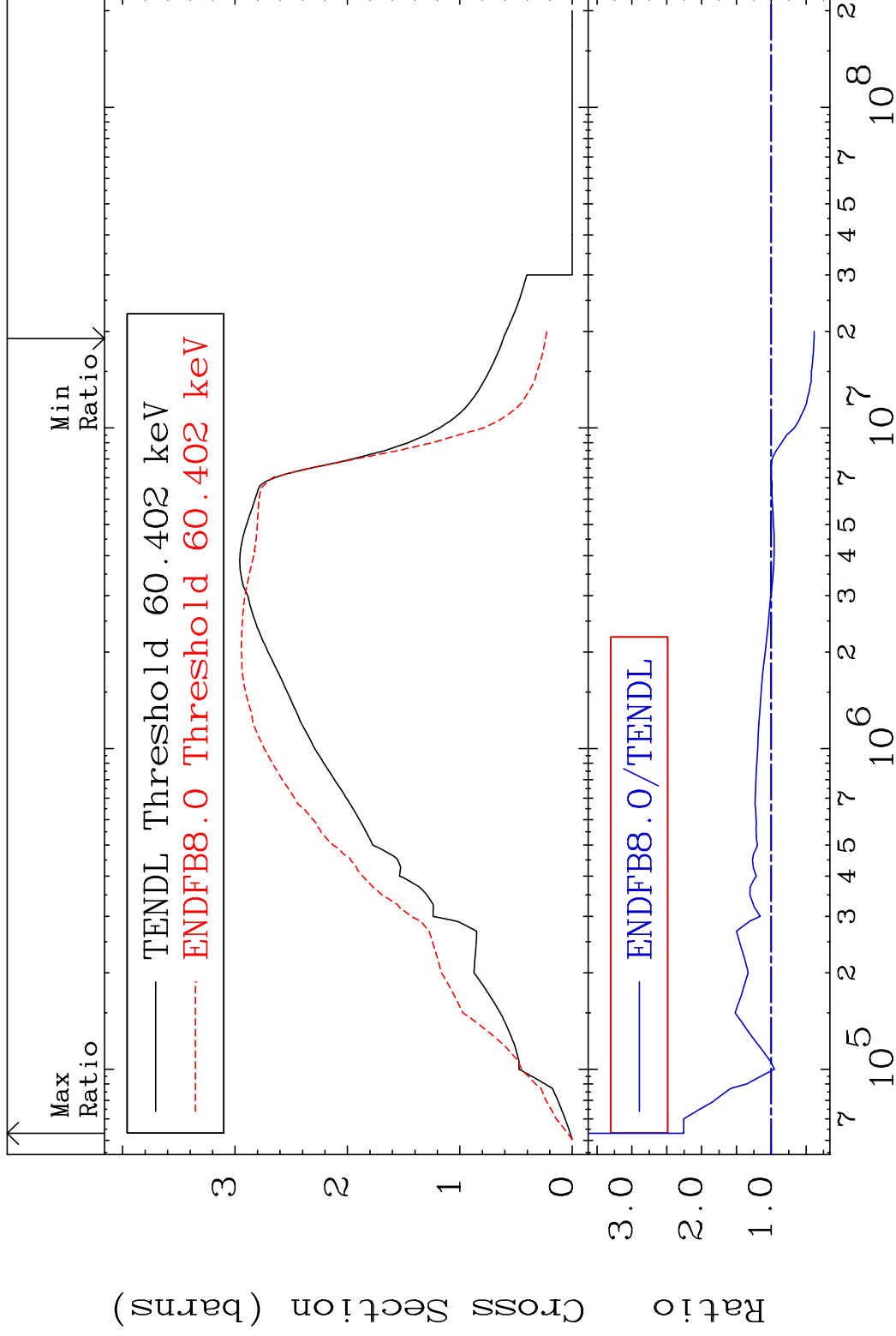
MAT 6434

Inelastic

64-Gd-155

Cross Section

-61.43 To 125.7 %



3

Incident Energy (eV)

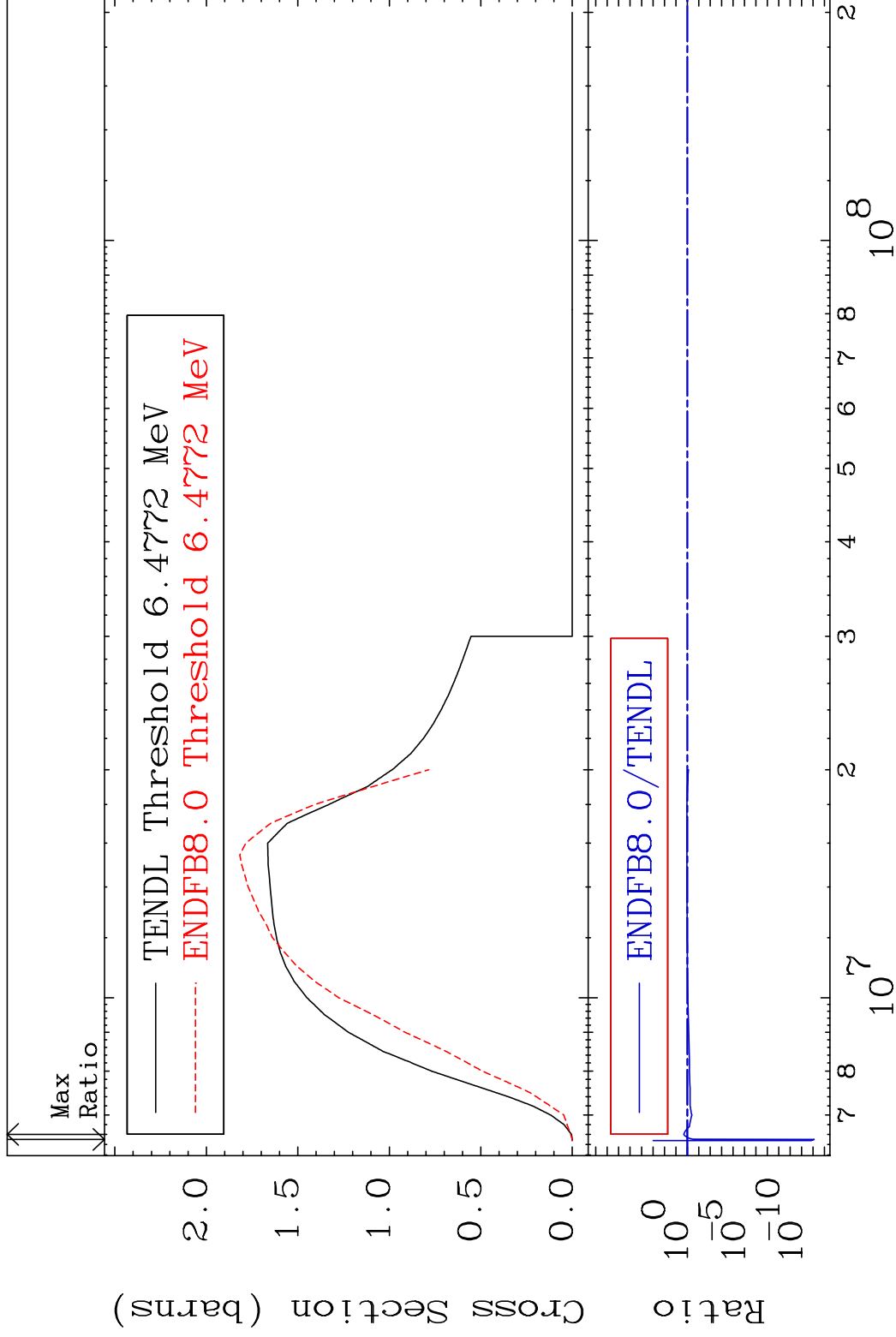
64-Gd-155

MAT 6434

(n,2n)

64-Gd-155

Cross Section -100.0 To 106.8 %



4

Incident Energy (eV)

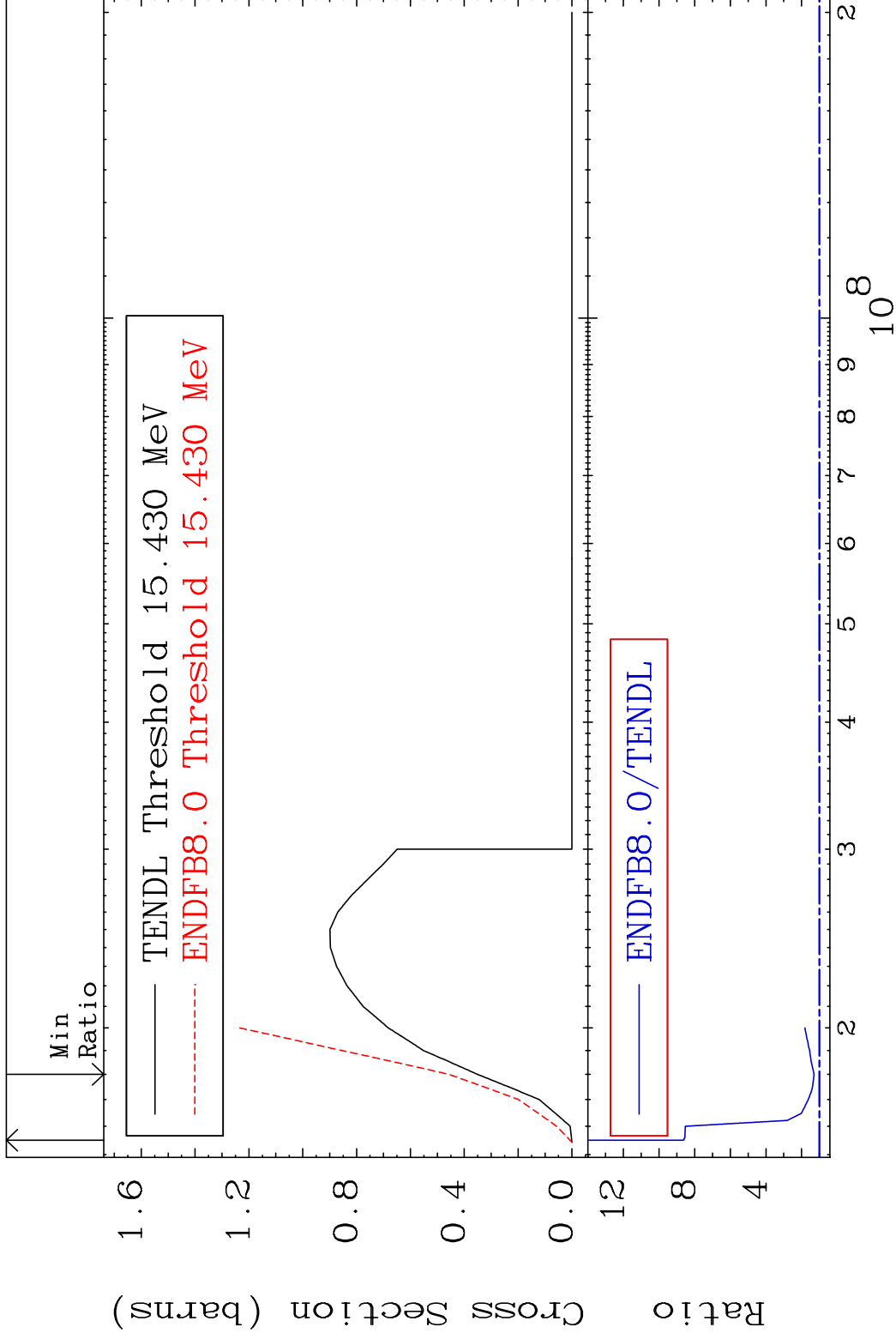
64-Gd-155

MAT 6434

(n,3n)

64-Gd-155

Cross Section 30.31 To 762.6 %



5

Incident Energy (eV)

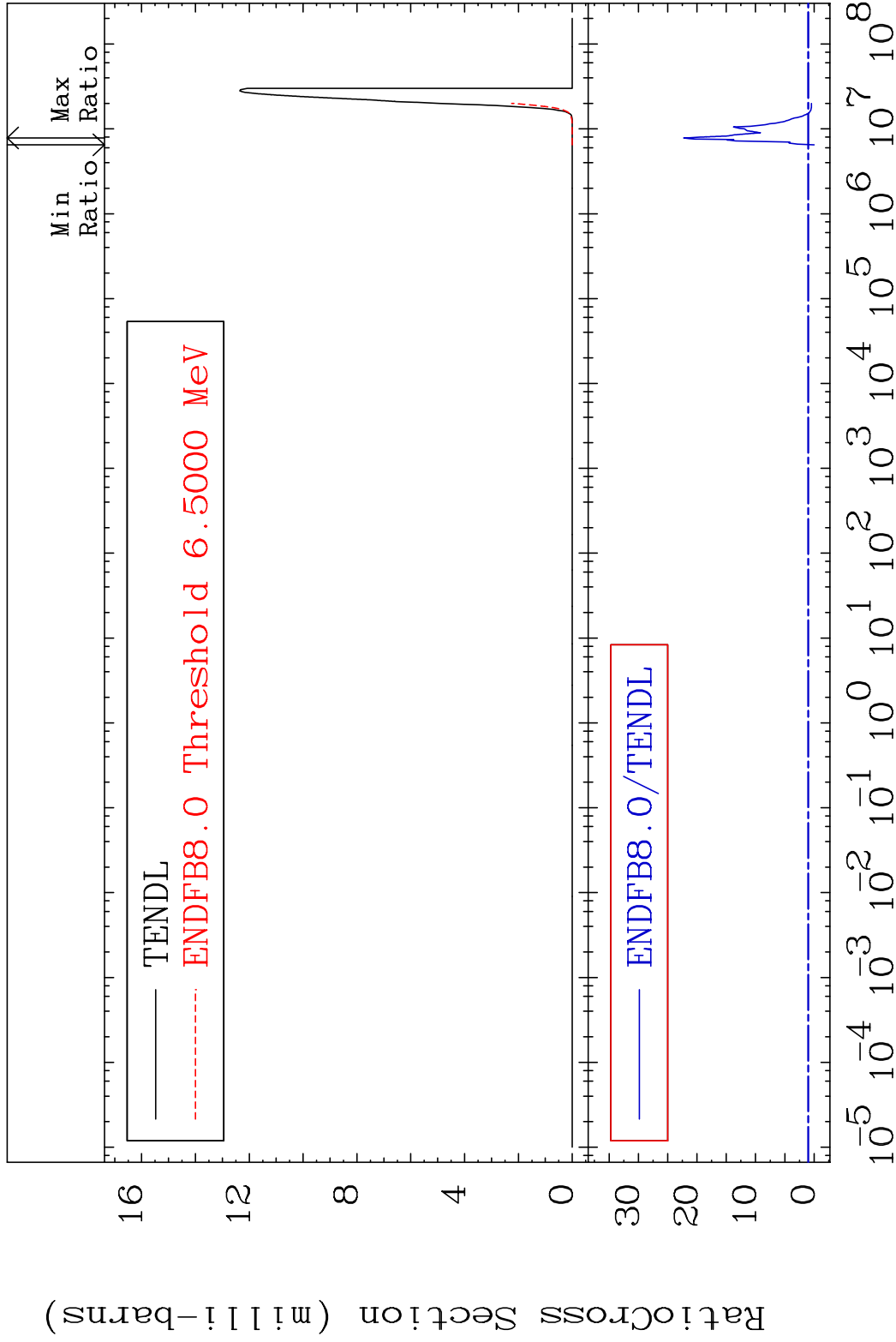
64-Gd-155

MAT 6434

(n, n') α

64-Gd-155

Cross Section -100.0 To 2127. %



6

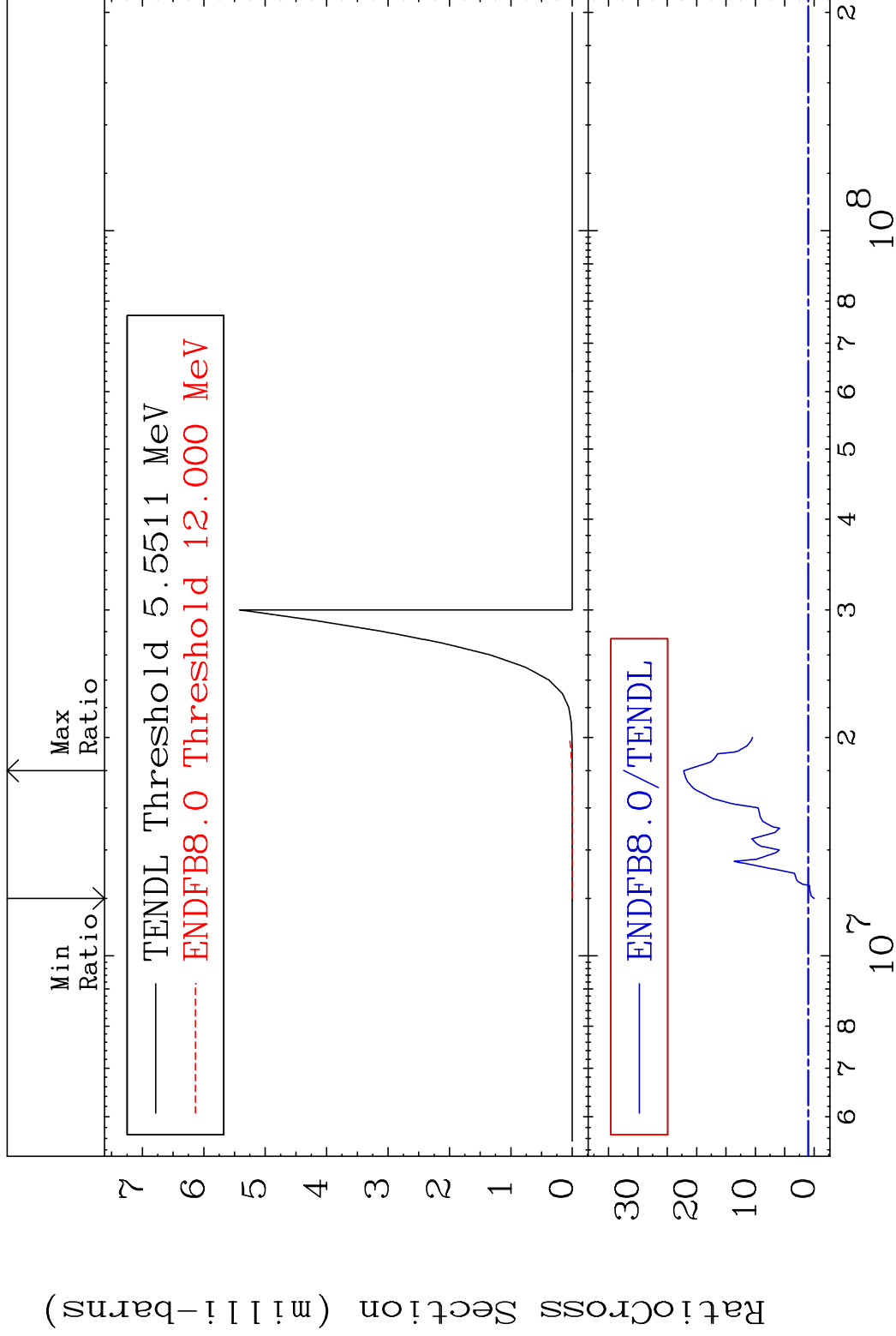
Incident Energy (eV)

64-Gd-155

MAT 6434

(n,2n) α 64-Gd-155

Cross Section -100.0 To 2121. %



7

Incident Energy (eV)

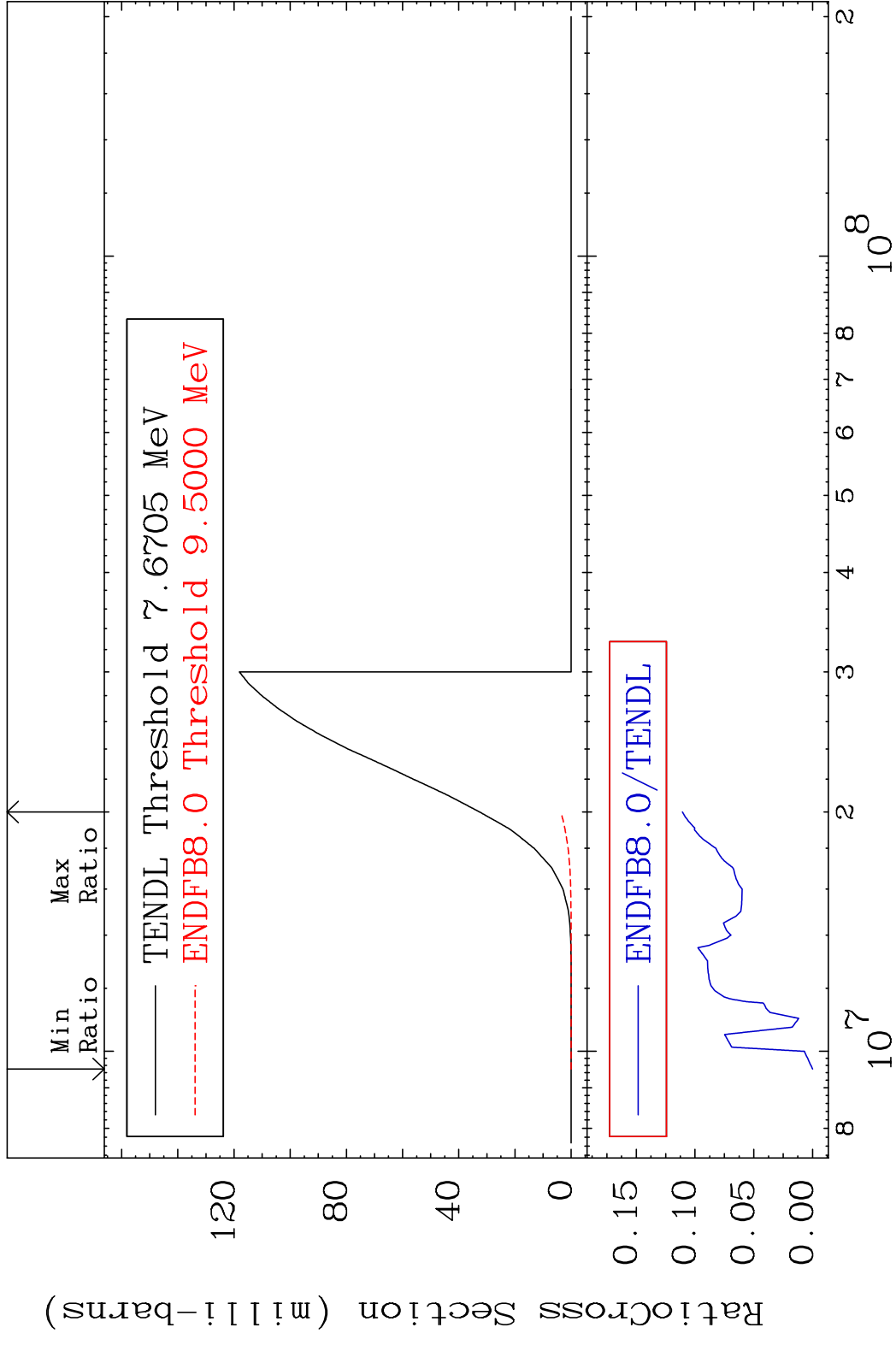
64-Gd-155

MAT 6434

(n, n') p

64-Gd-155

Cross Section -100.0 To -88.92%



8

Incident Energy (eV)

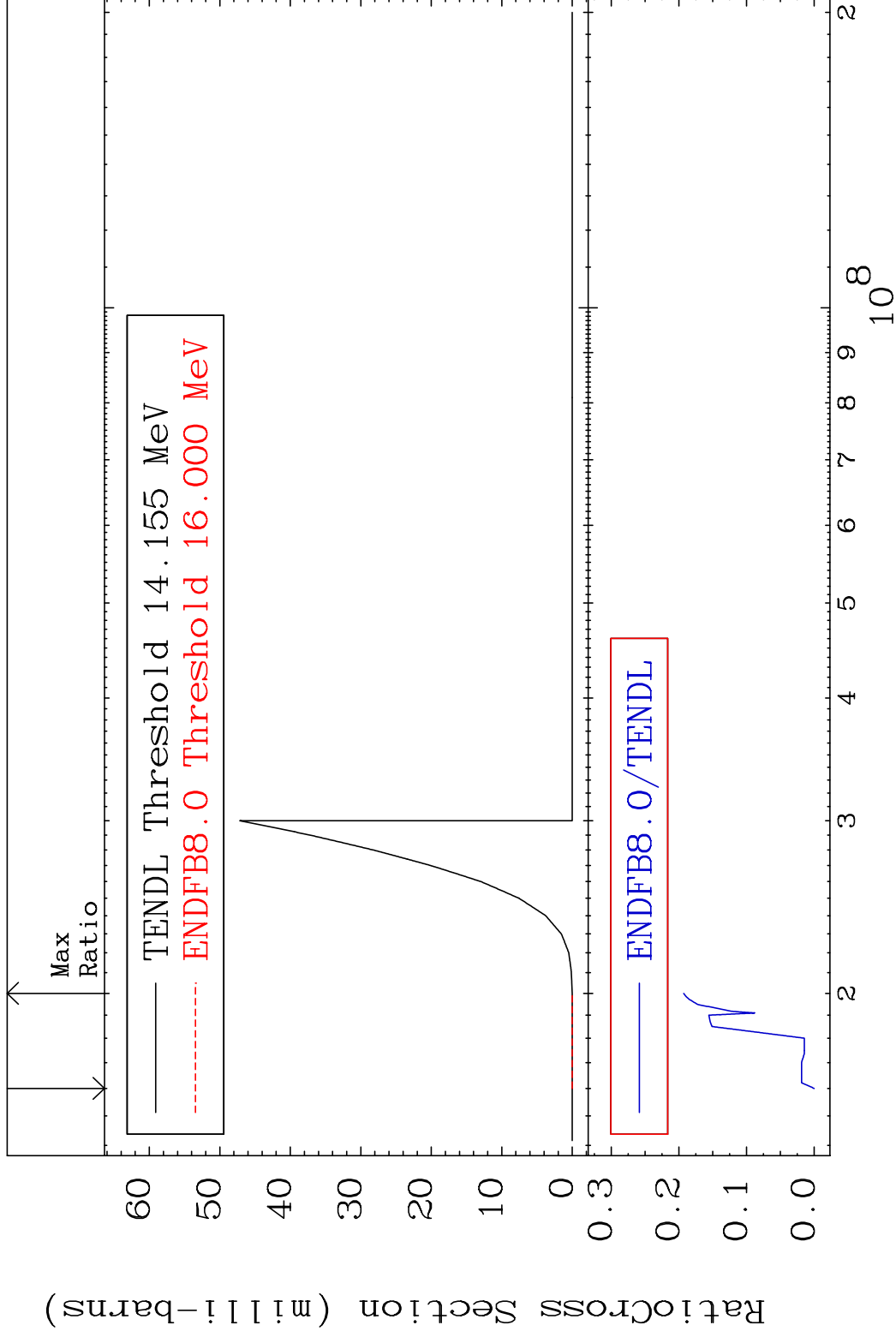
64-Gd-155

MAT 6434

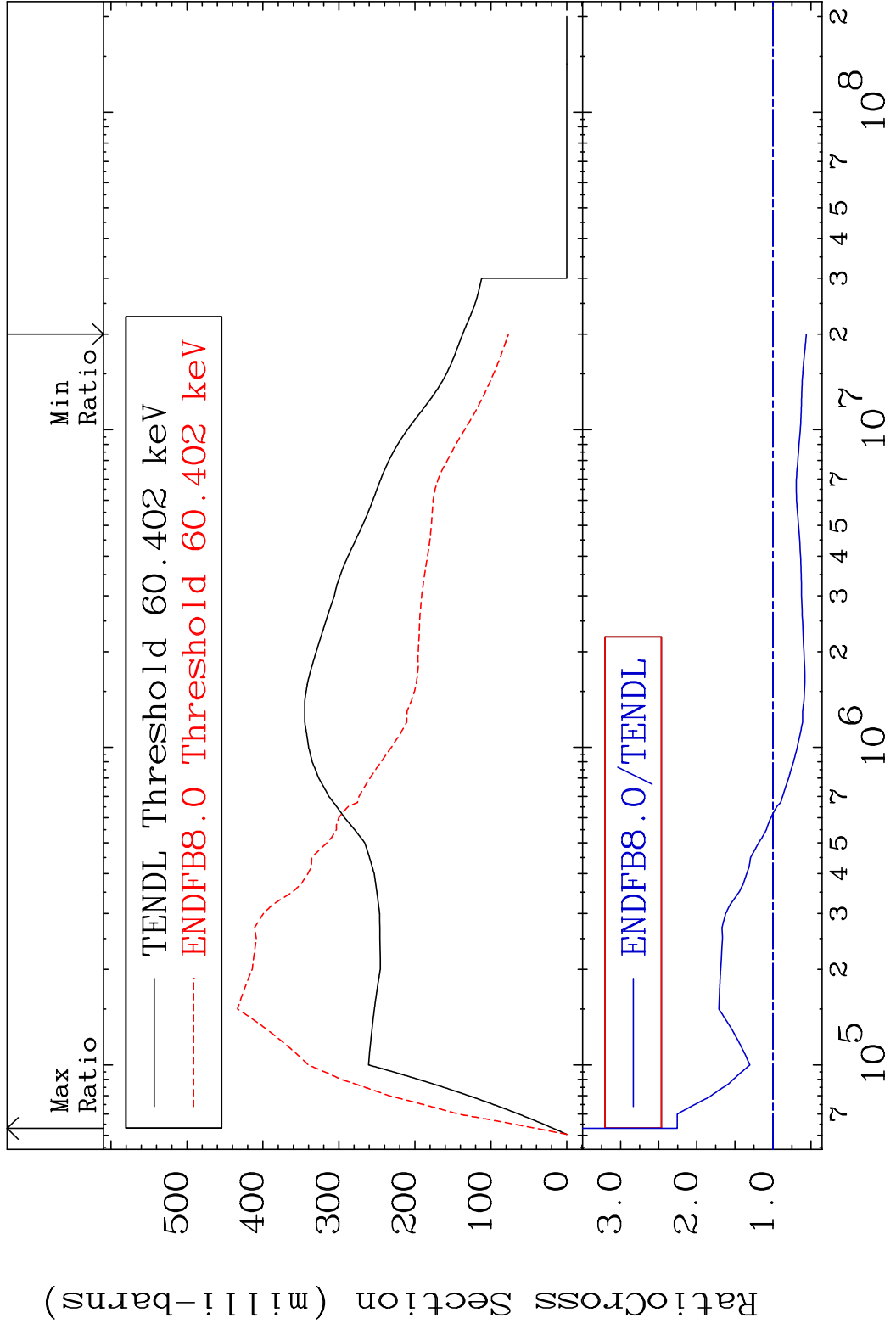
(n,2n) p

64-Gd-155

Cross Section -100.0 To -80.71%

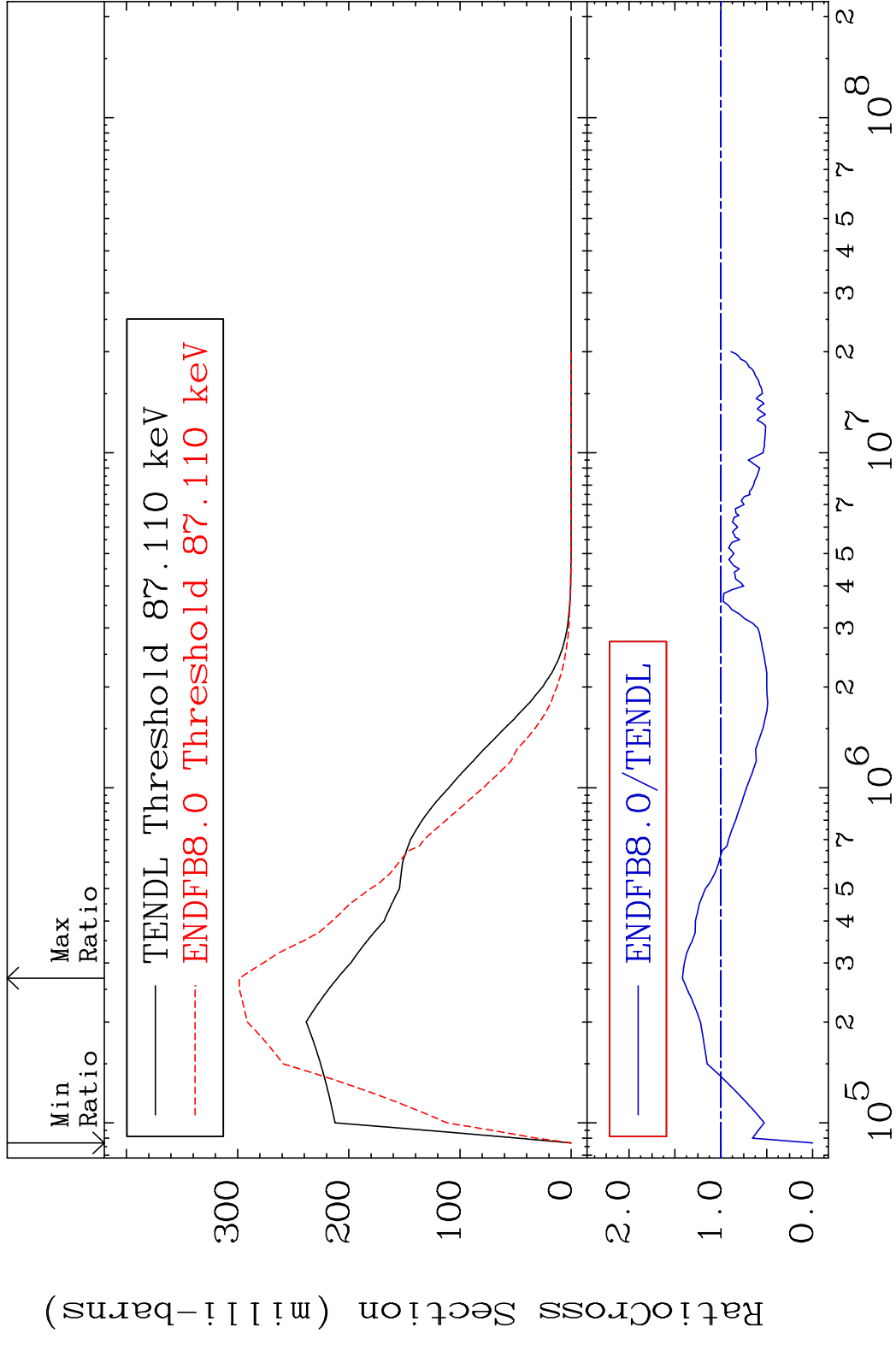


MAT 6434 MT= 51 (n,n') Level 64-Gd-155
 Cross Section -44.01 To 125.7 %

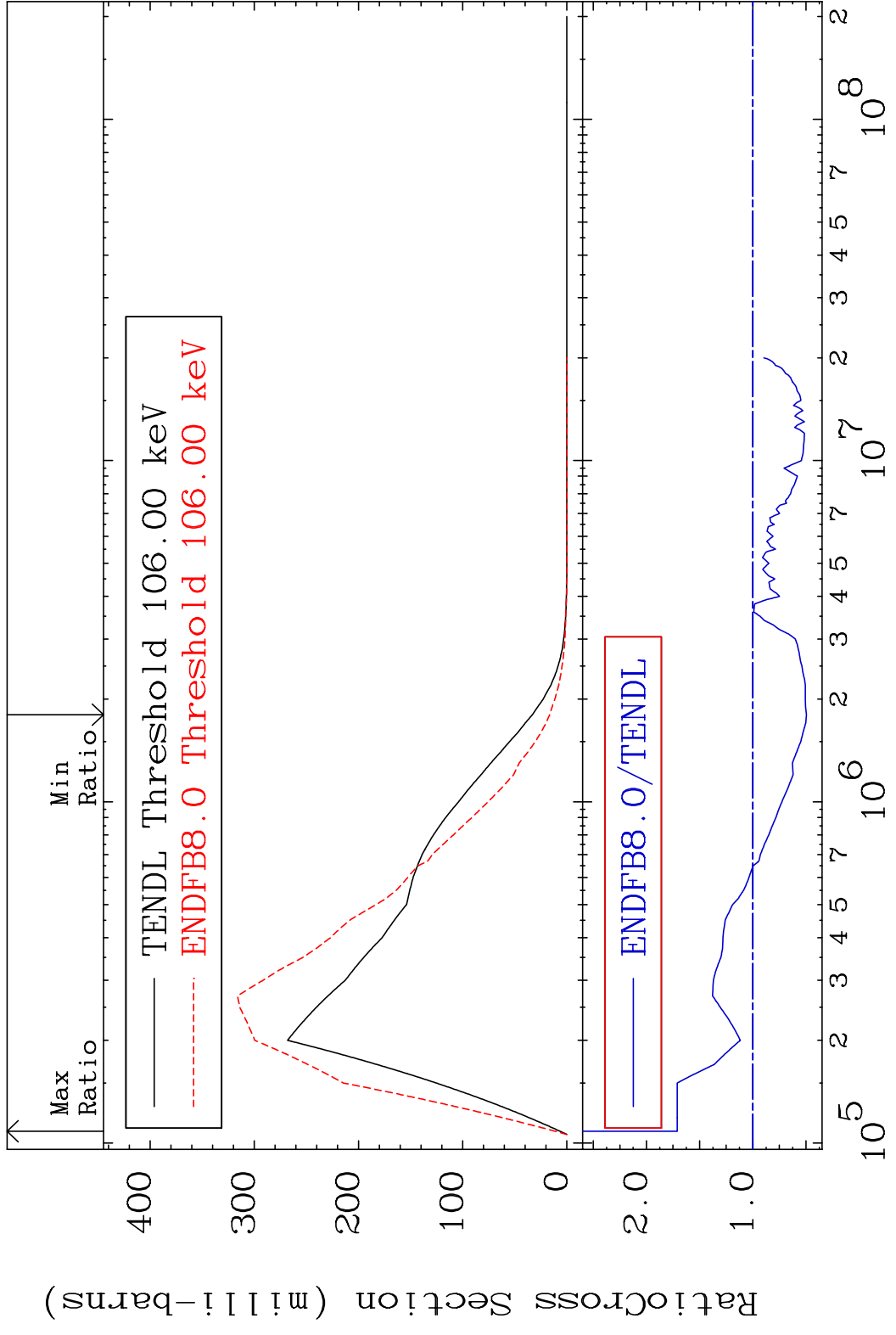


10 10 64-Gd-155

MAT 6434 MT= 52 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 41.94 %

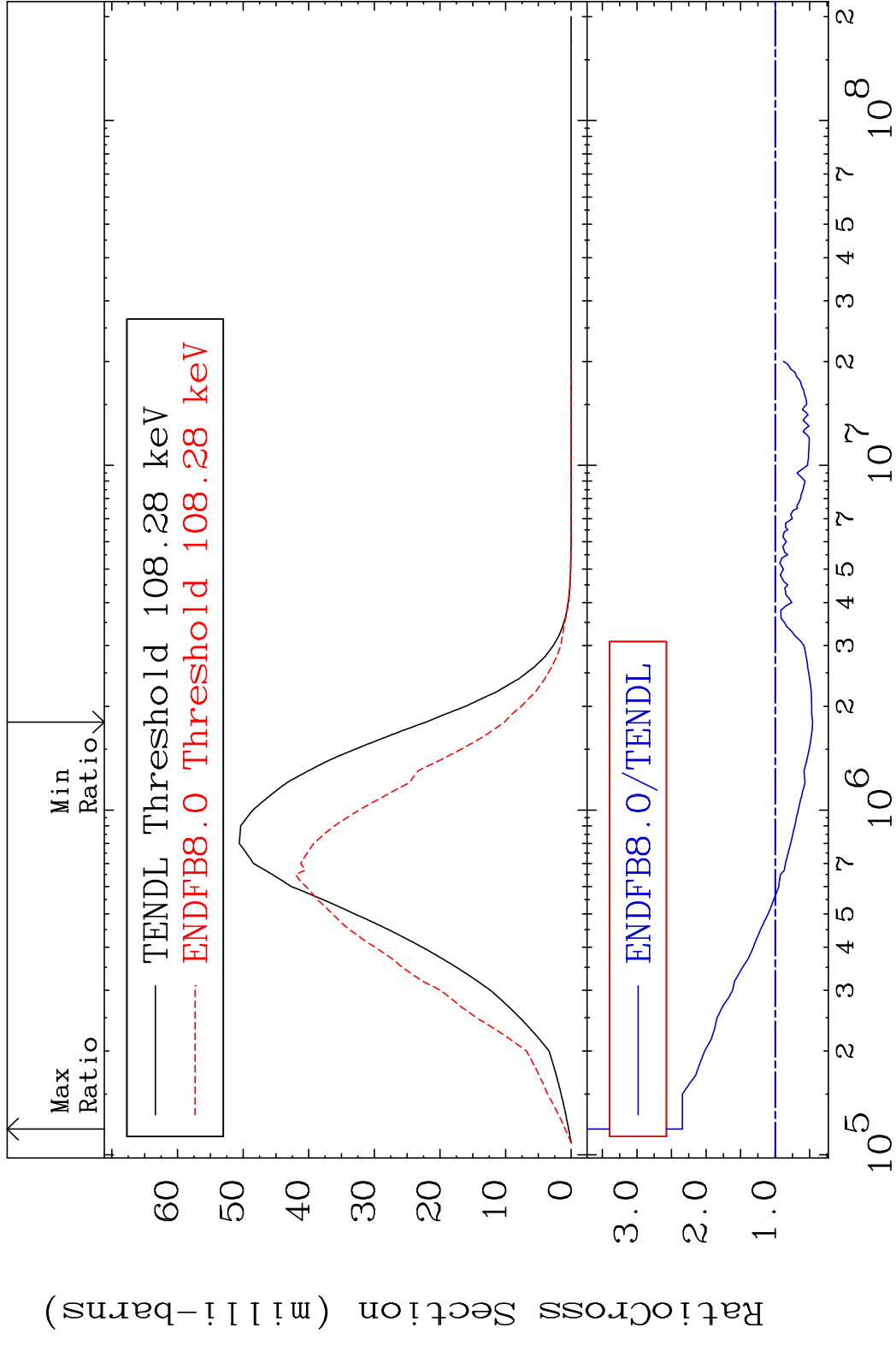


MAT 6434 MT= 53 (n,n') Level 64-Gd-155
 Cross Section -50.42 To 71.09 %

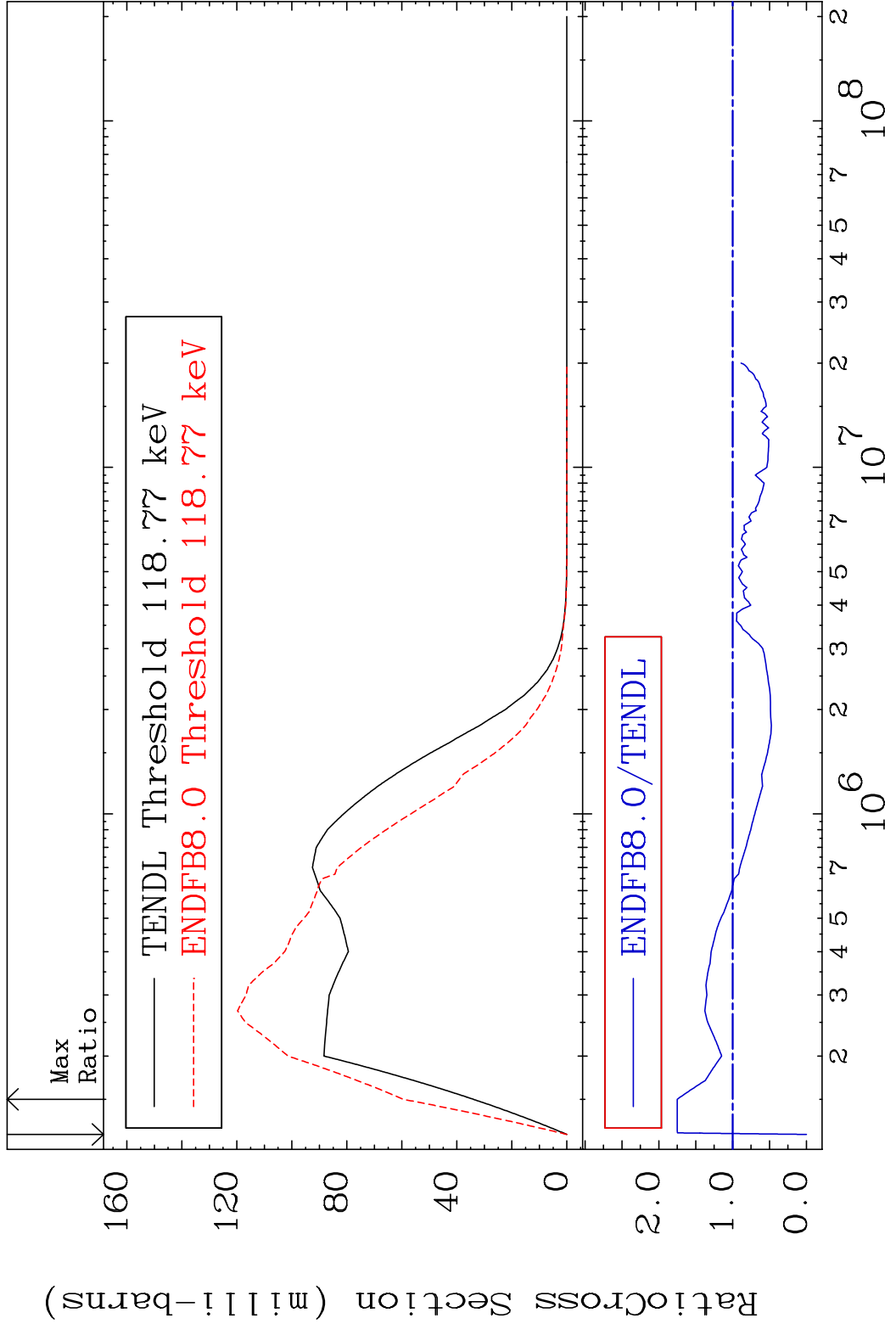


12 Incident Energy (eV) 64-Gd-155

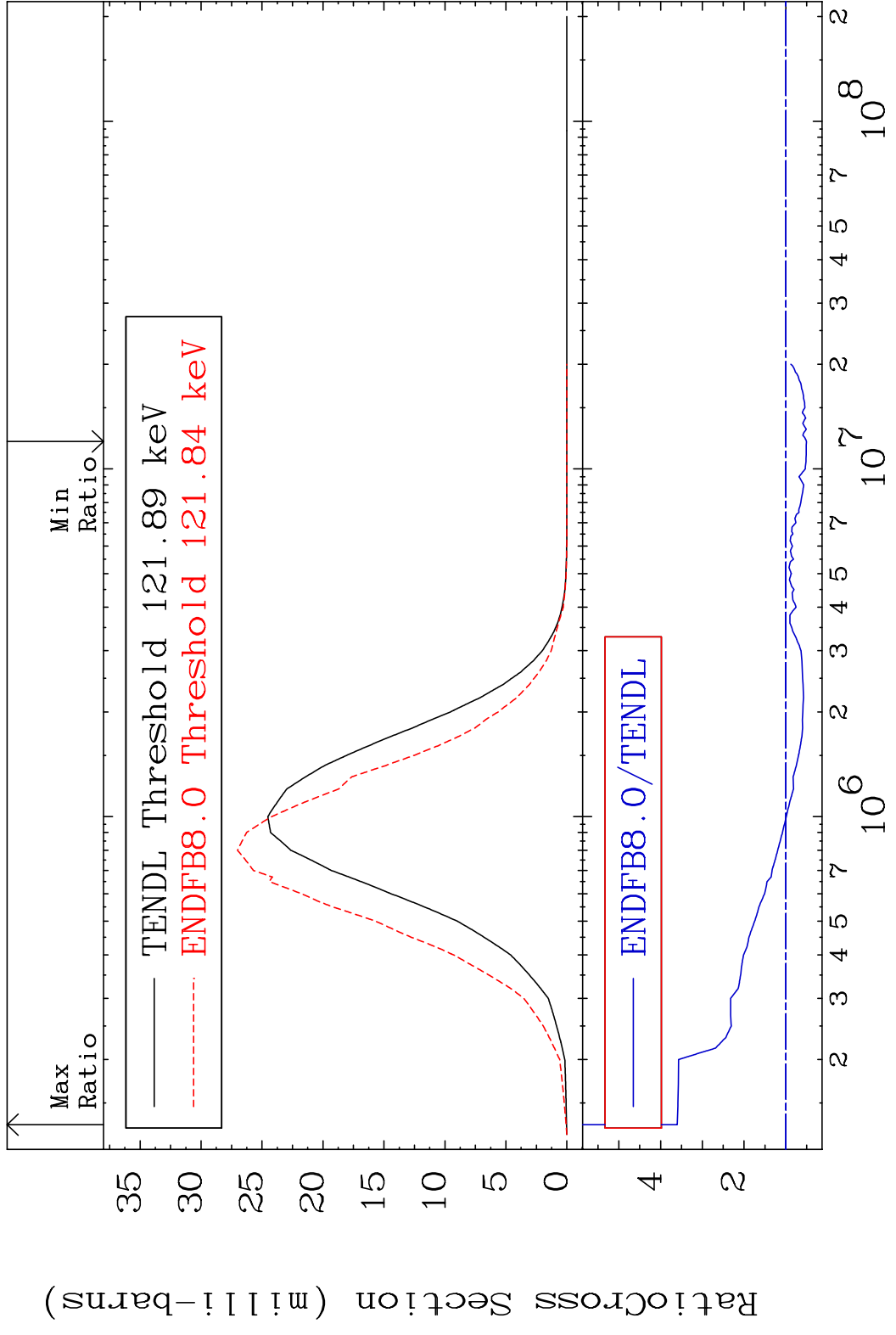
MAT 6434 MT= 54 (n,n') Level 64-Gd-155
 Cross Section -54.06 To 134.3 %



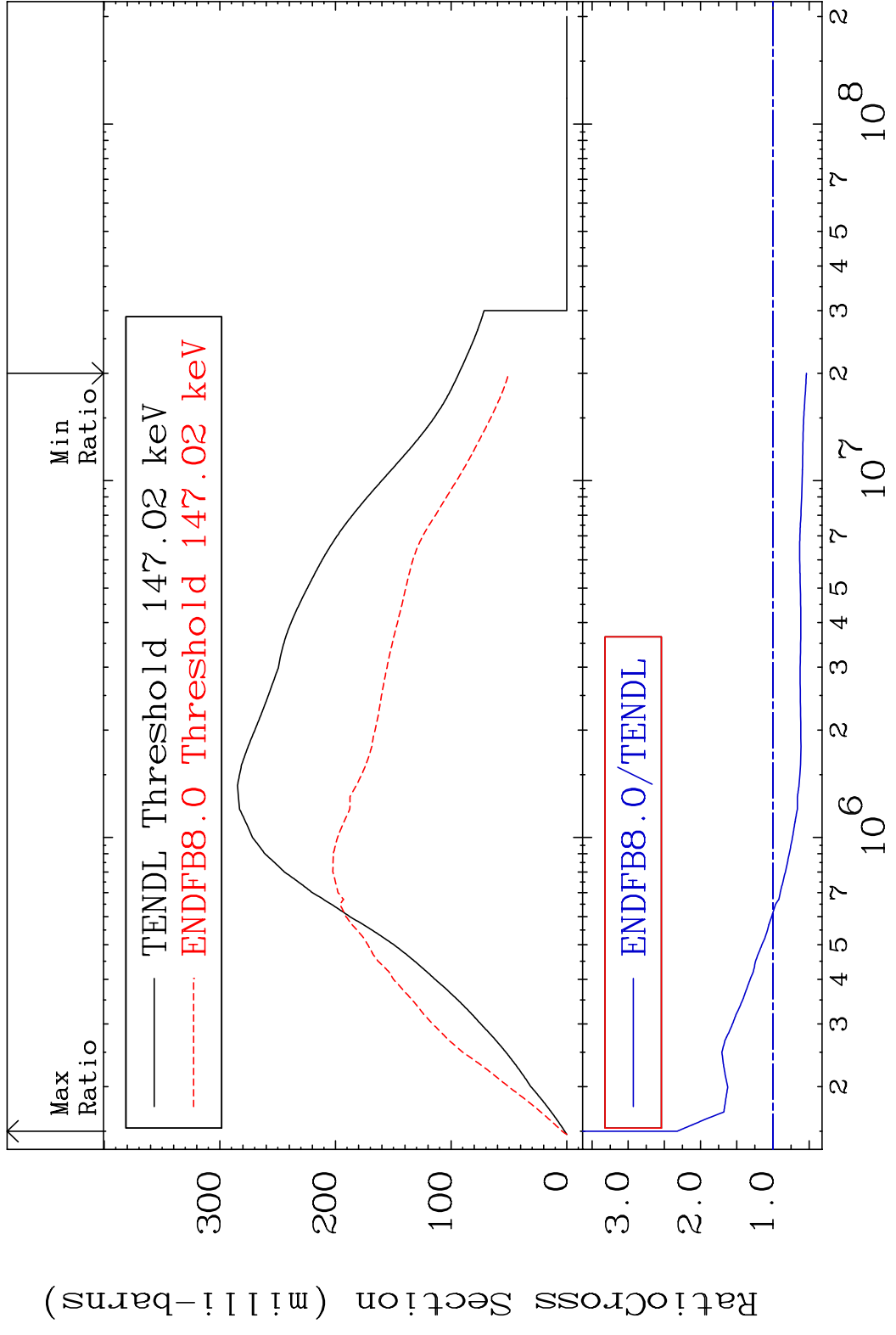
MAT 6434 MT= 55 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 75.11 %



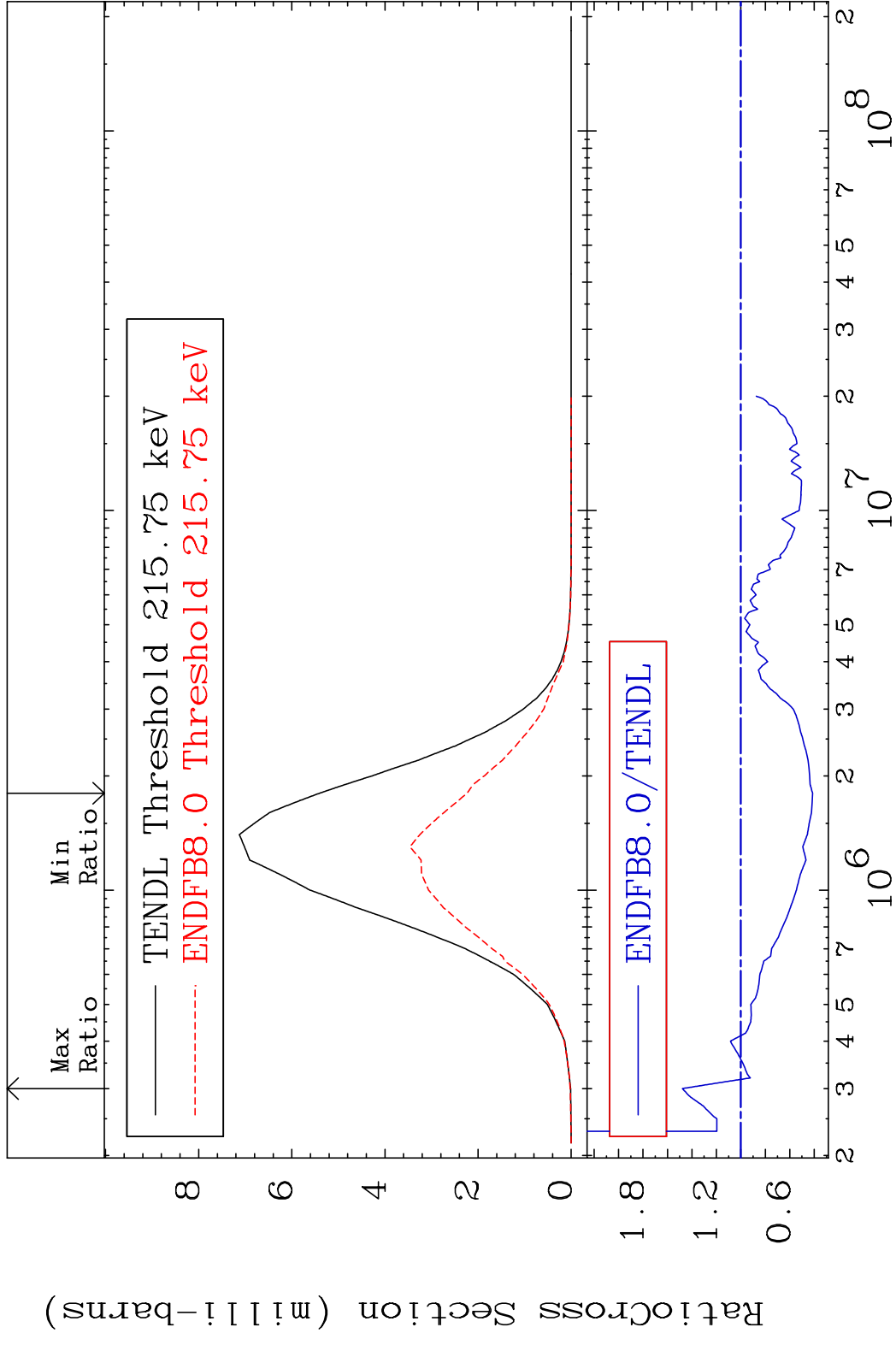
MAT 6434 MT= 56 (n,n') Level 64-Gd-155
 Cross Section -49.42 To 260.3 %



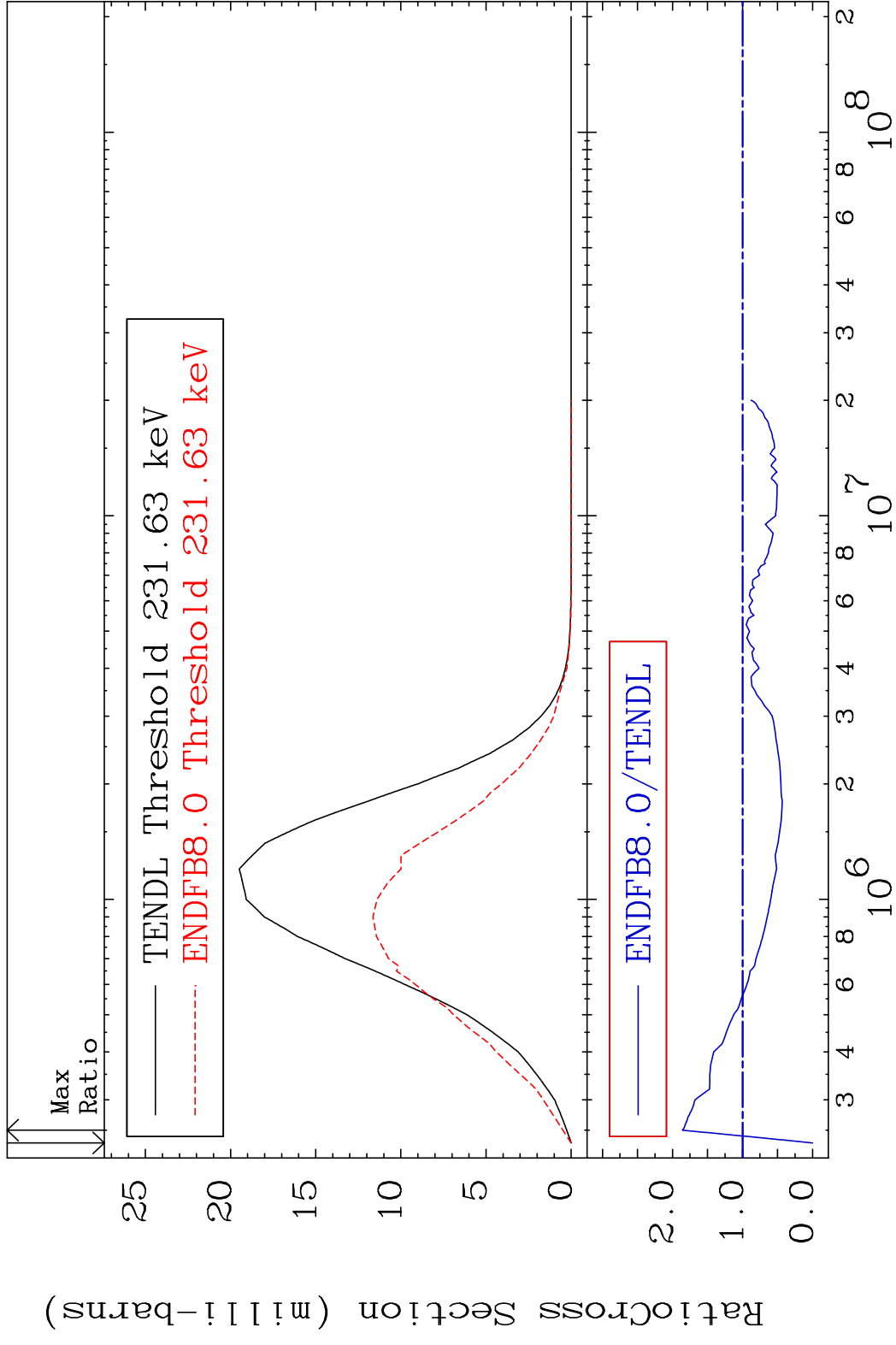
MAT 6434 MT= 57 (n, n') Level 64-Gd-155
 Cross Section -46.31 To 132.3 %



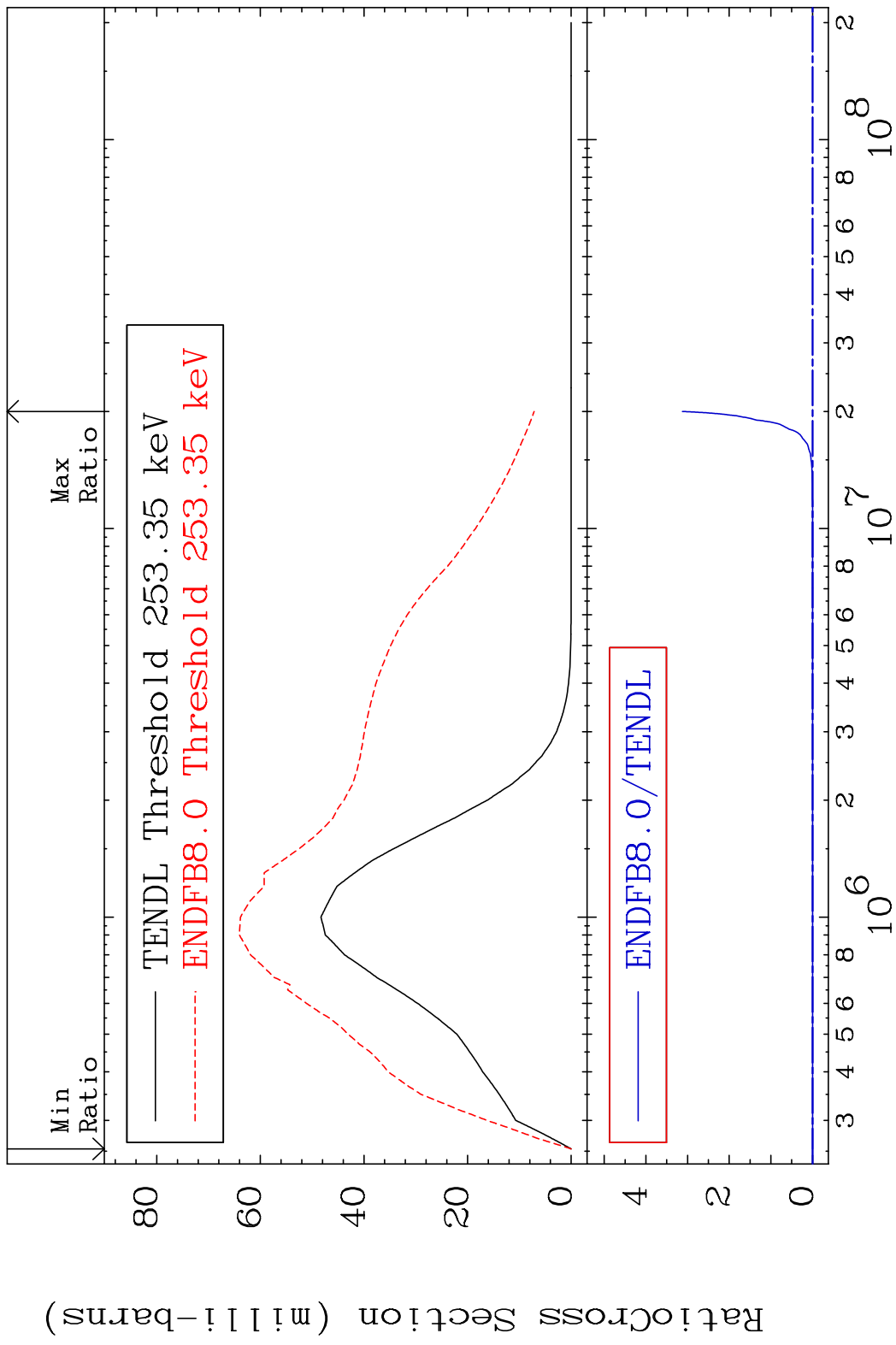
MAT 6434 MT= 58 (n,n') Level 64-Gd-155
 Cross Section -58.66 To 47.83 %



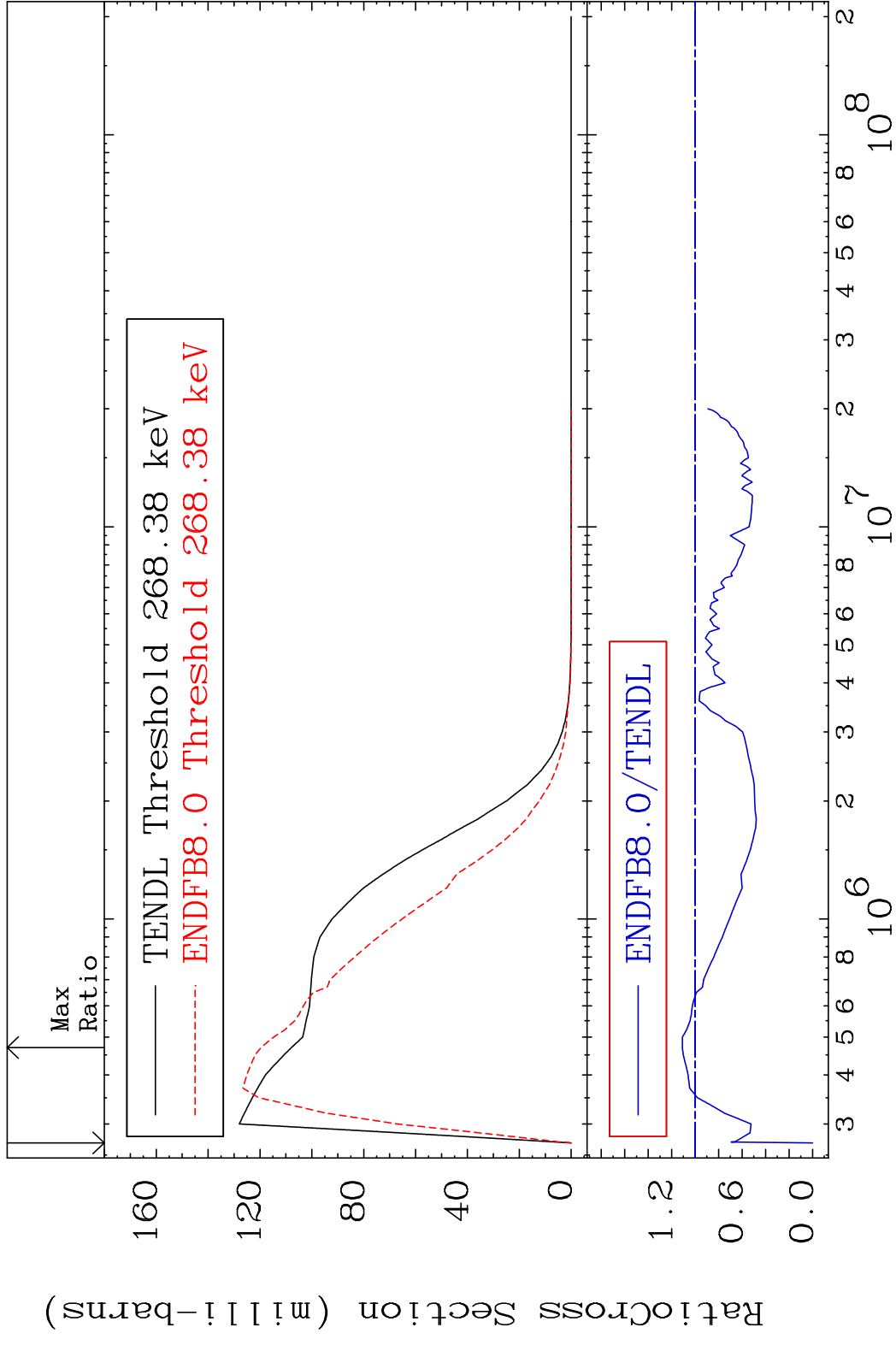
MAT 6434 MT= 59 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 85.93 %



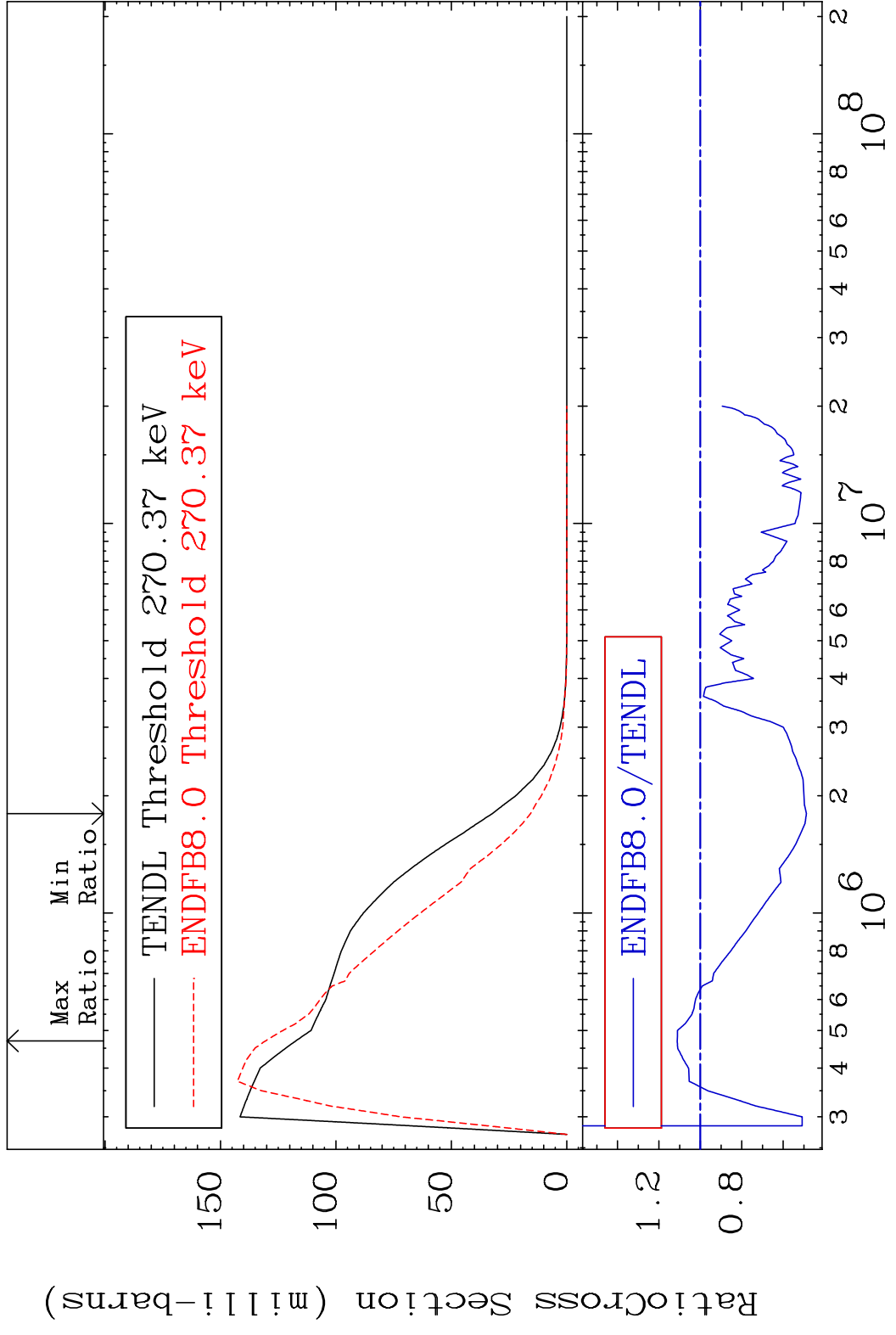
MAT 6434 MT= 60 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



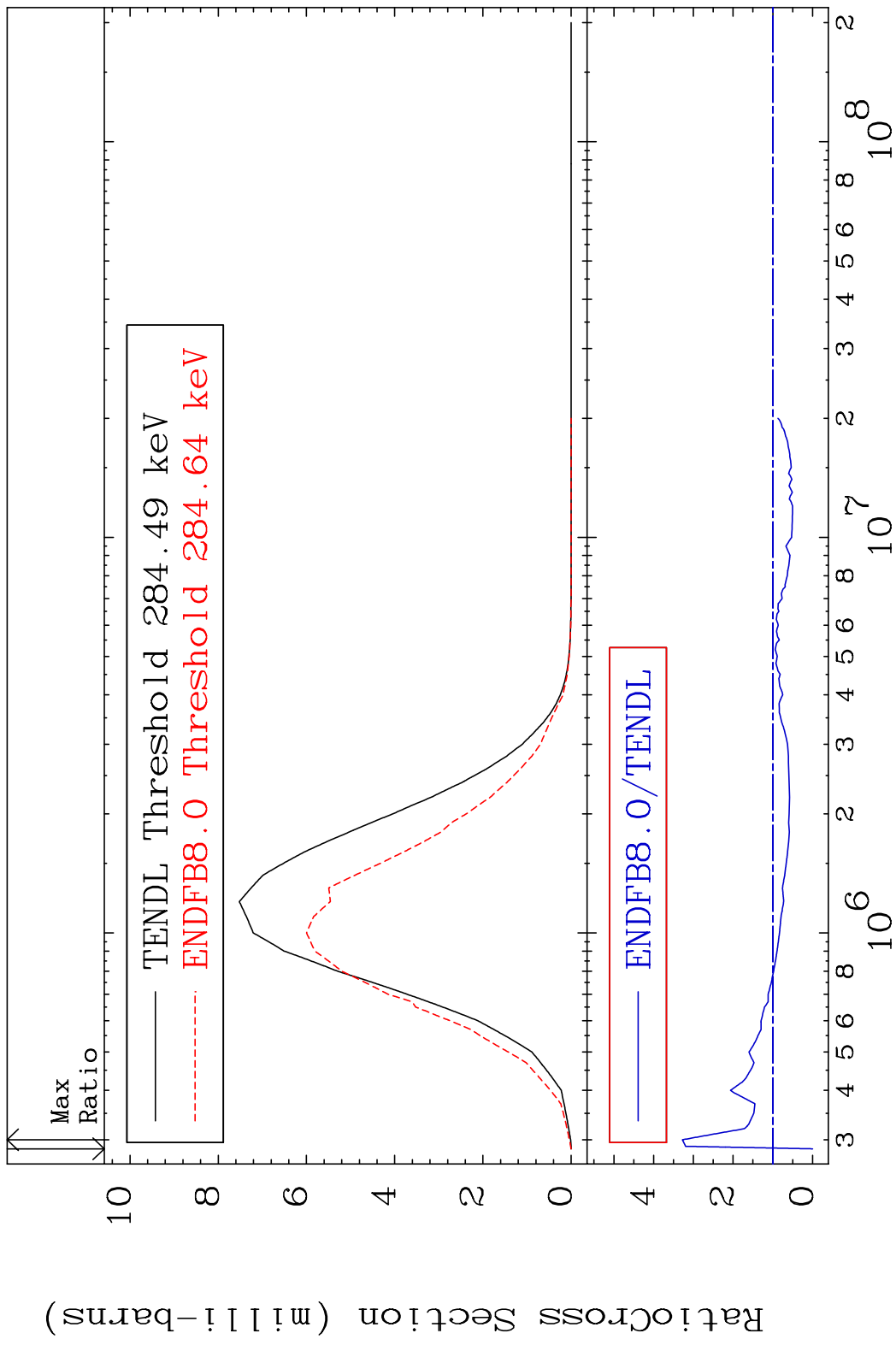
MAT 6434 MT= 61 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 10.90 %



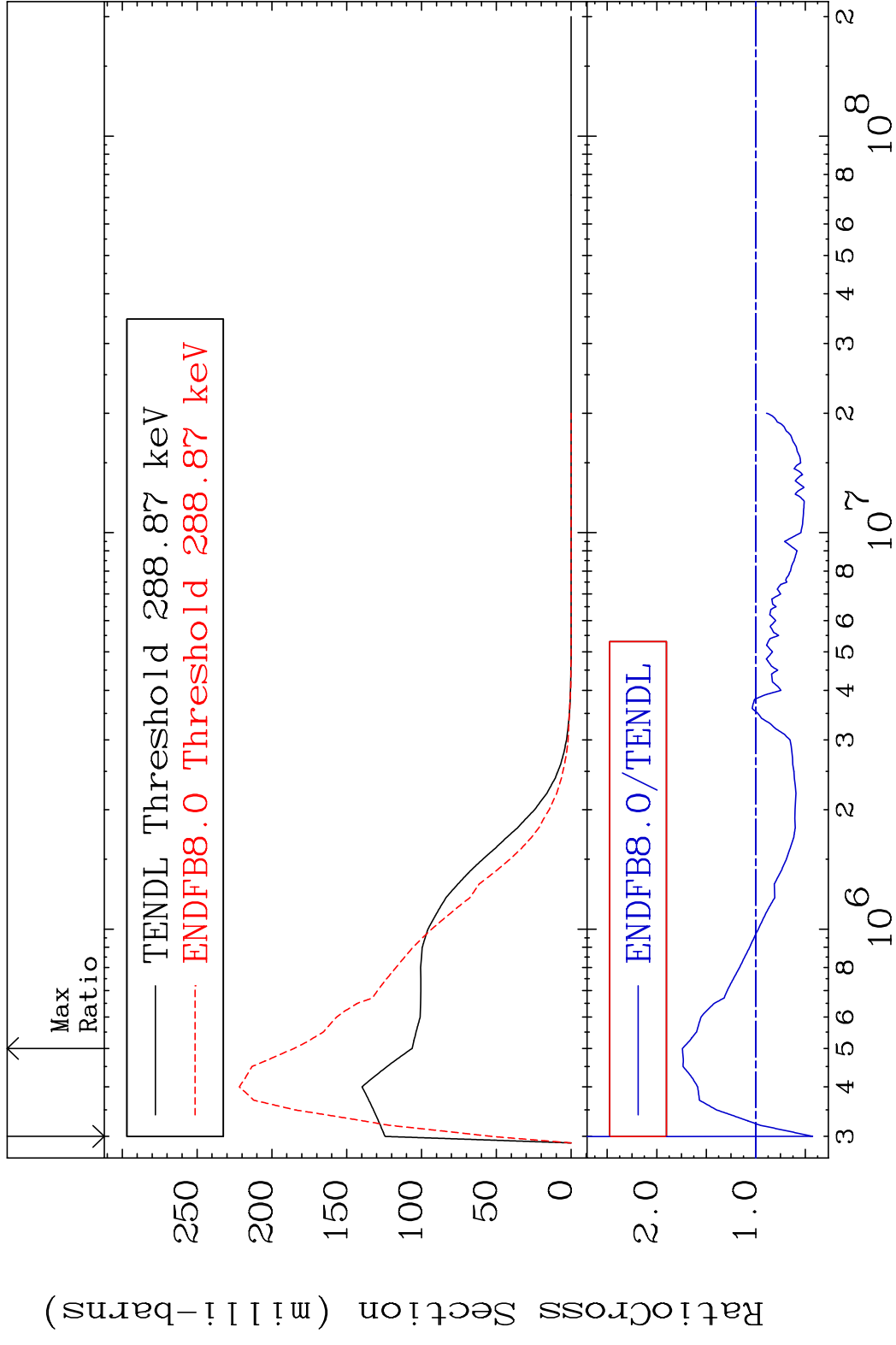
MAT 6434 MT= 62 (n,n') Level 64-Gd-155
 Cross Section -51.21 To 11.19 %



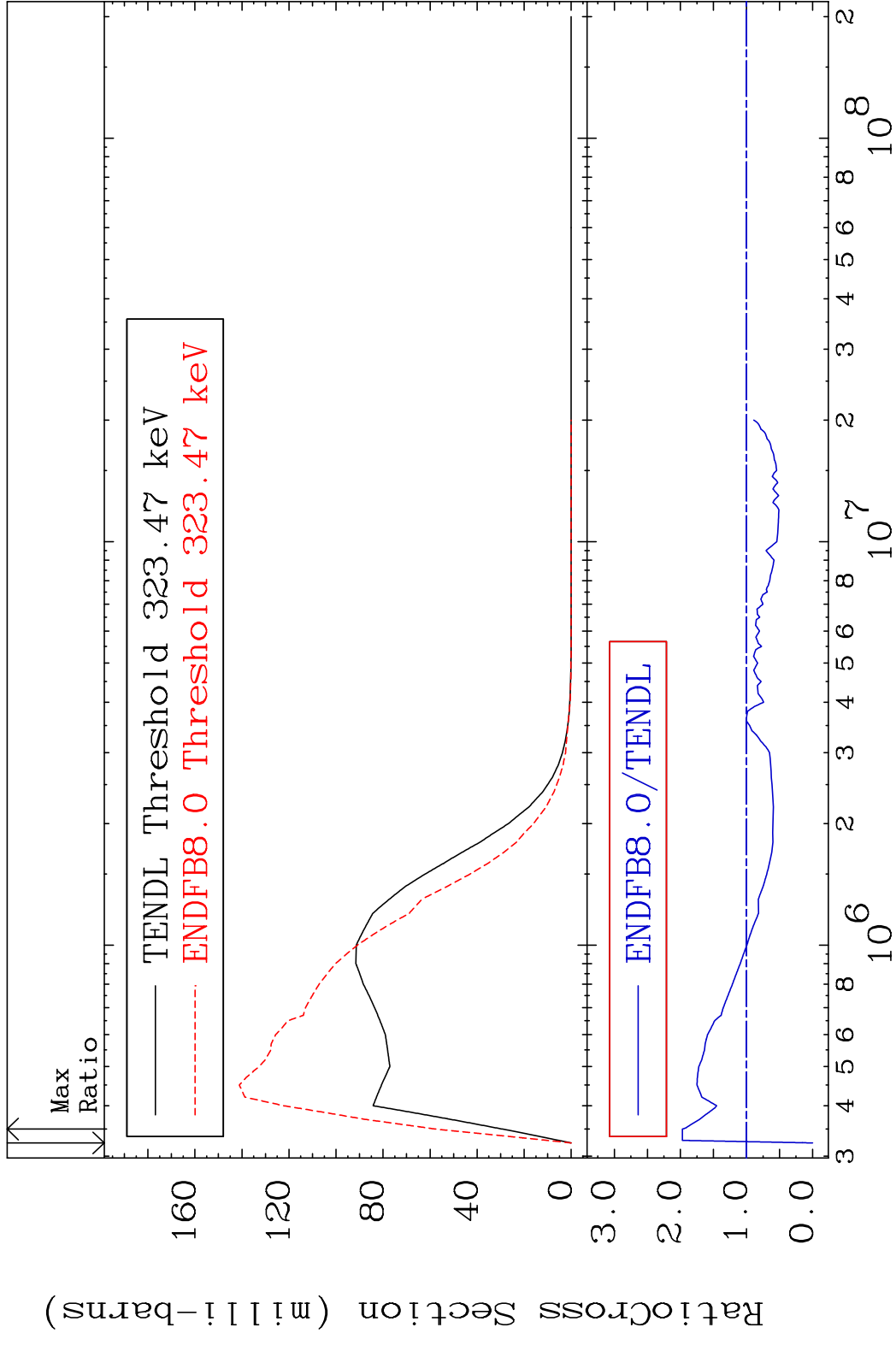
MAT 6434 MT= 63 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 227.7 %



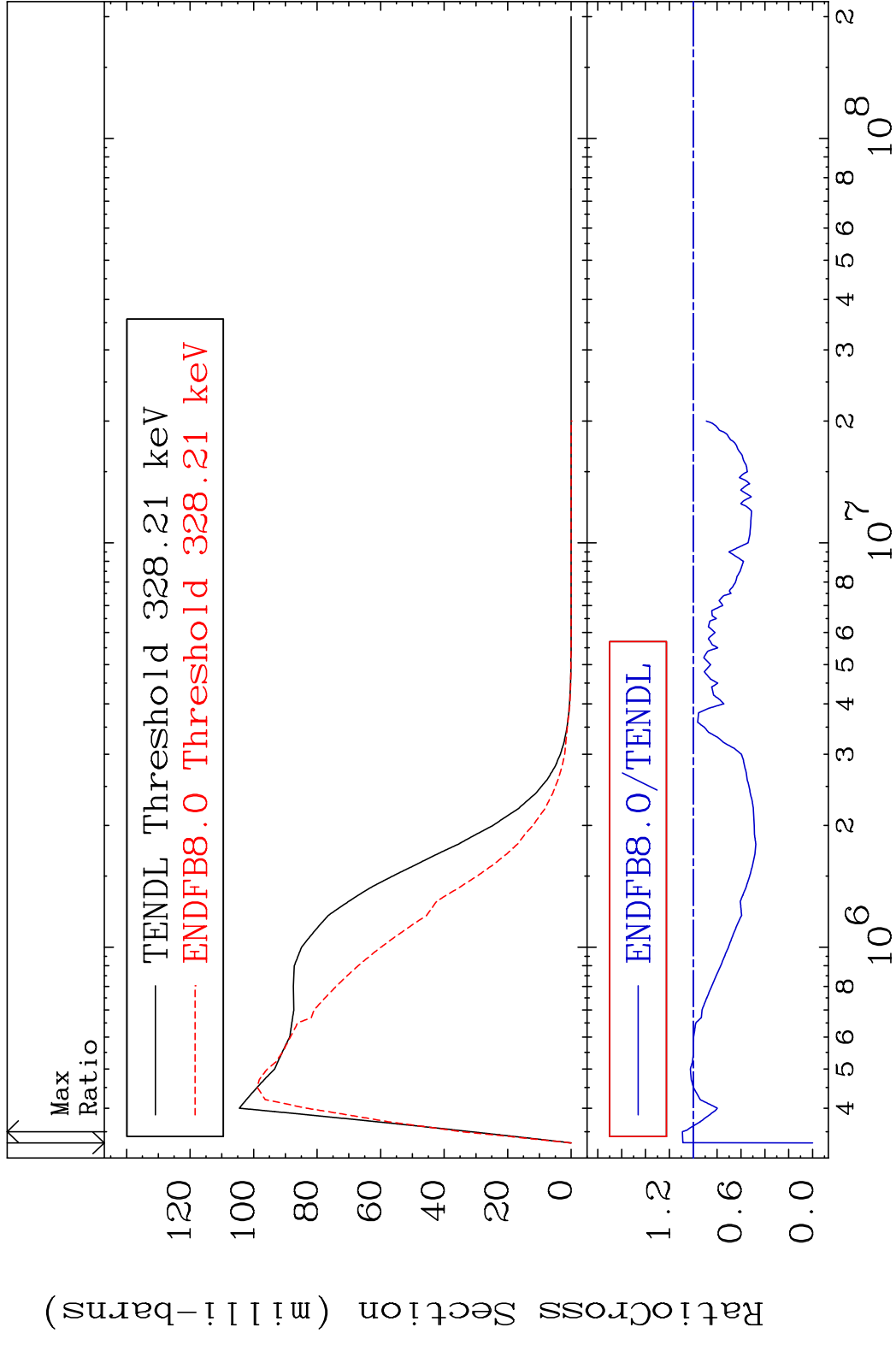
MAT 6434 MT= 64 (n,n') Level 64-Gd-155
 Cross Section -57.33 To 74.13 %



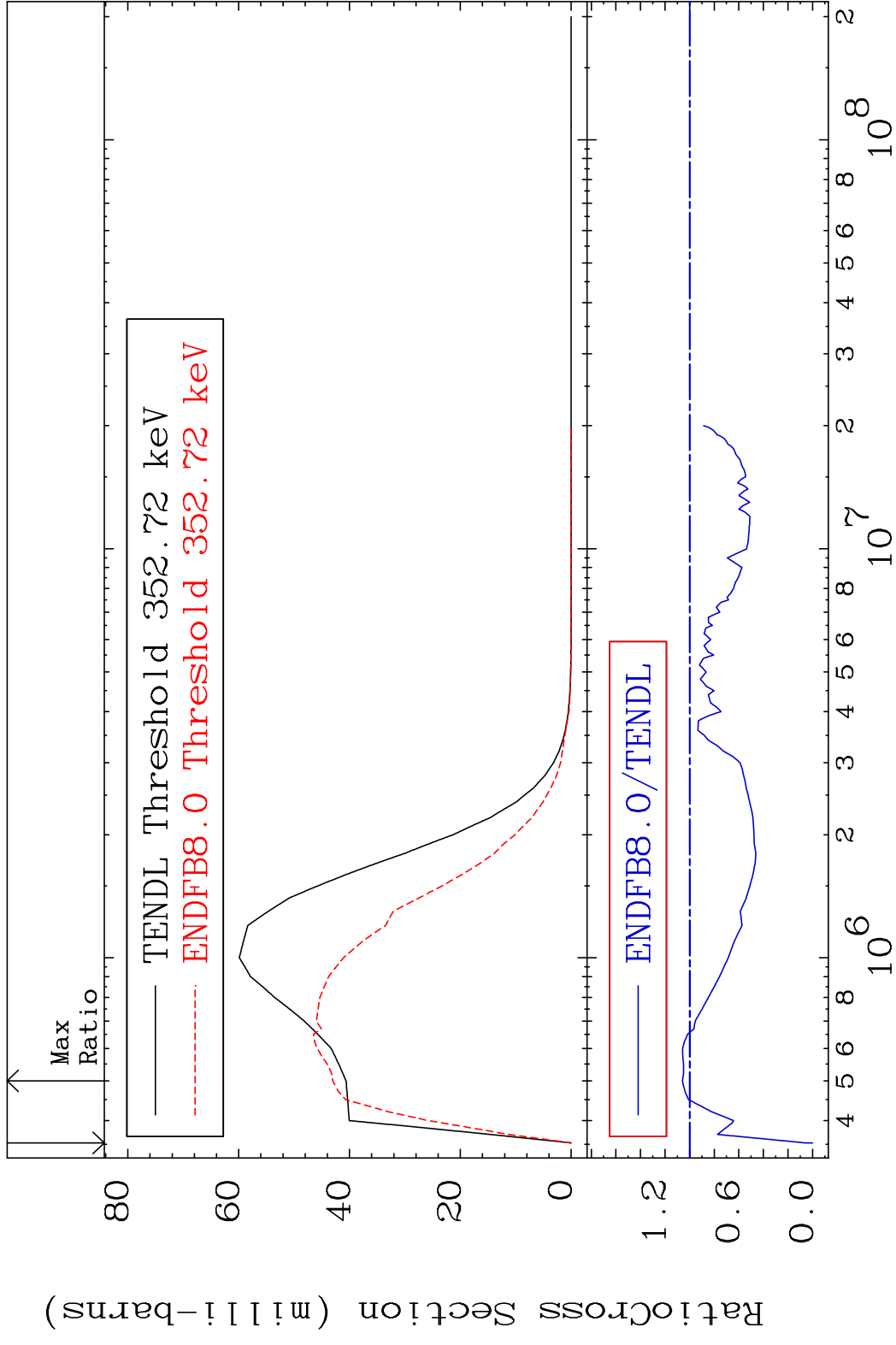
MAT 6434 MT= 65 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 97.08 %



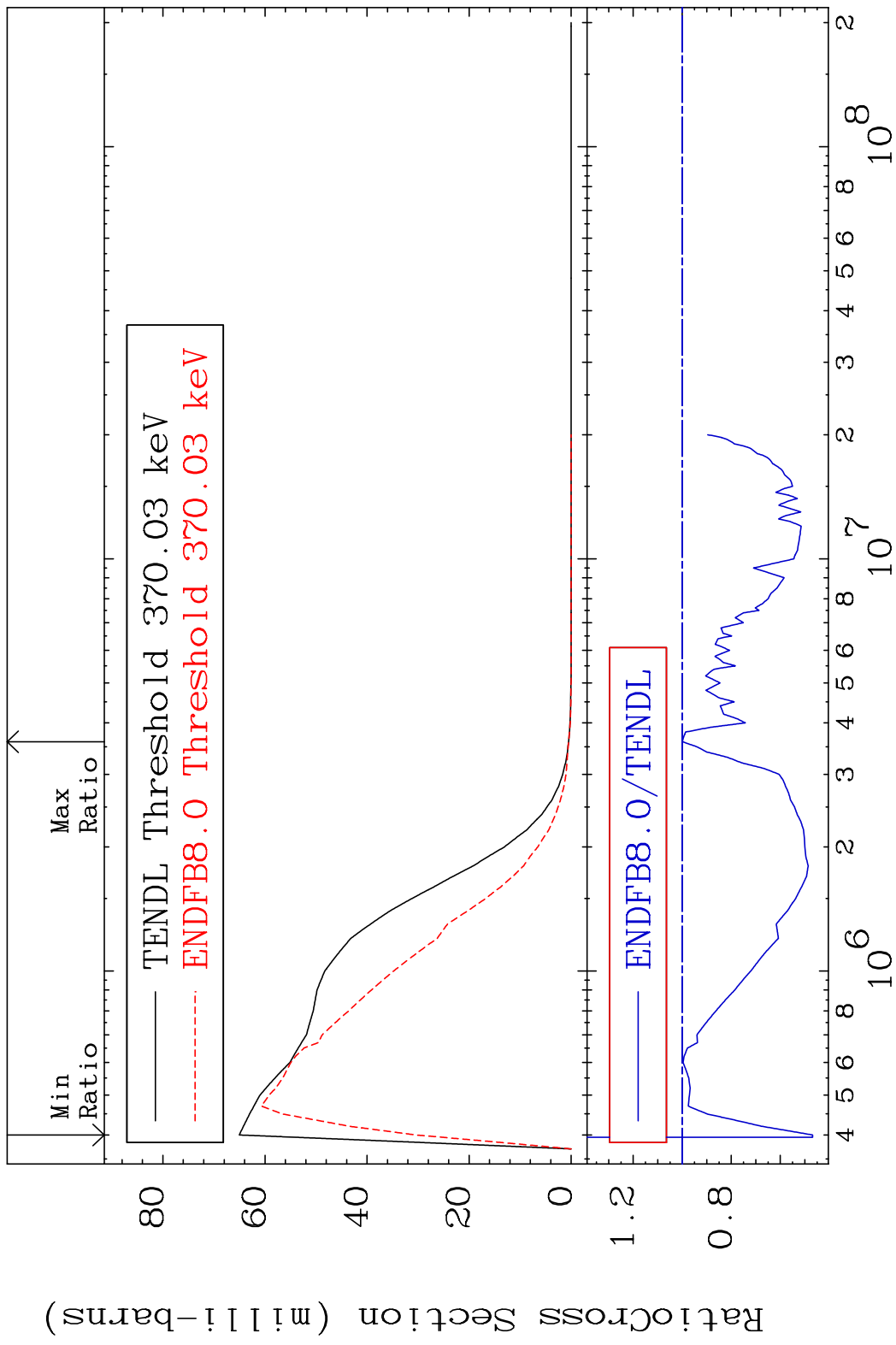
MAT 6434 MT= 66 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 9.136 %



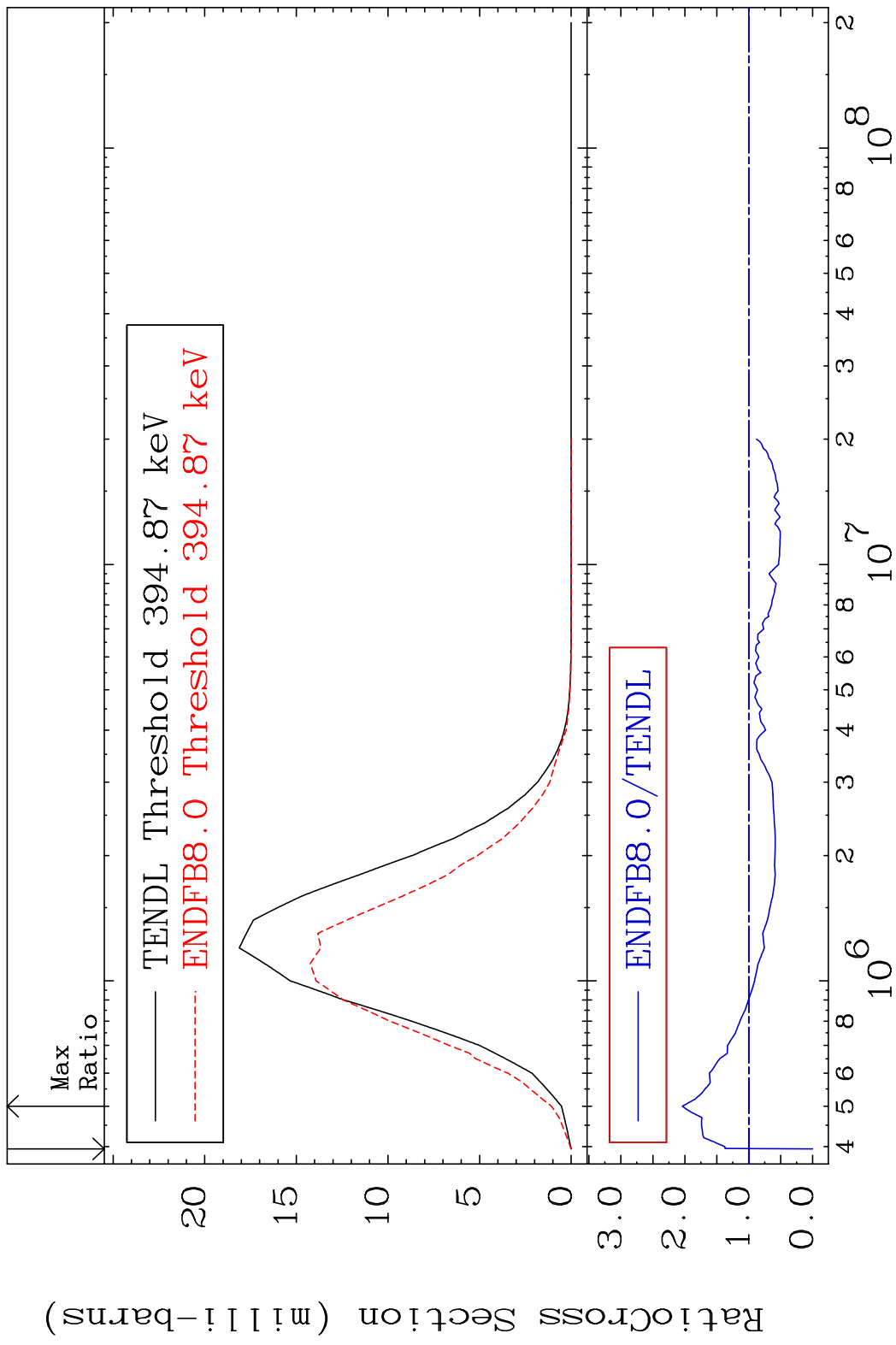
MAT 6434 MT= 67 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 5.918 %



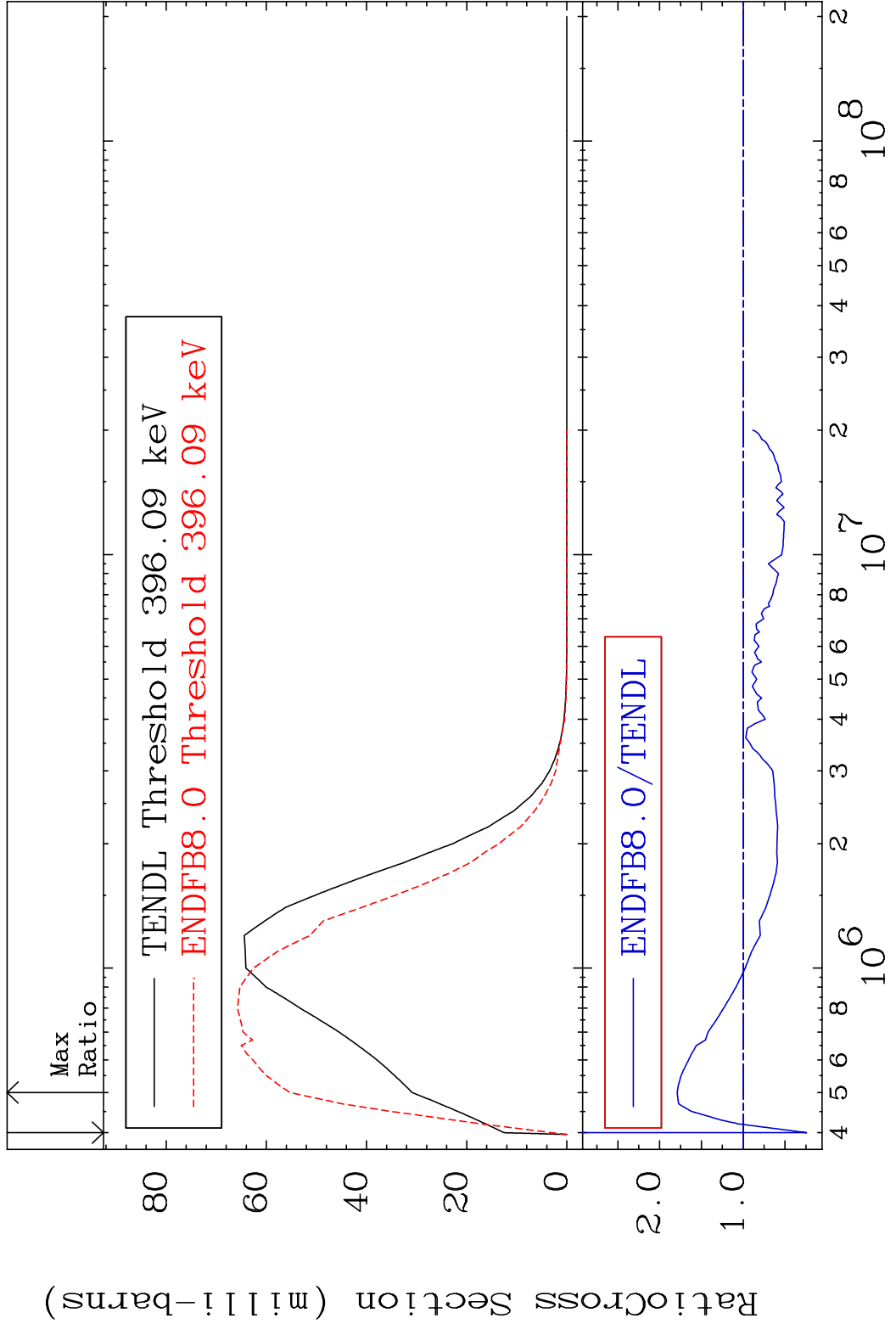
MAT 6434 MT= 68 (n,n') Level 64-Gd-155
 Cross Section -53.16 To -0.039%



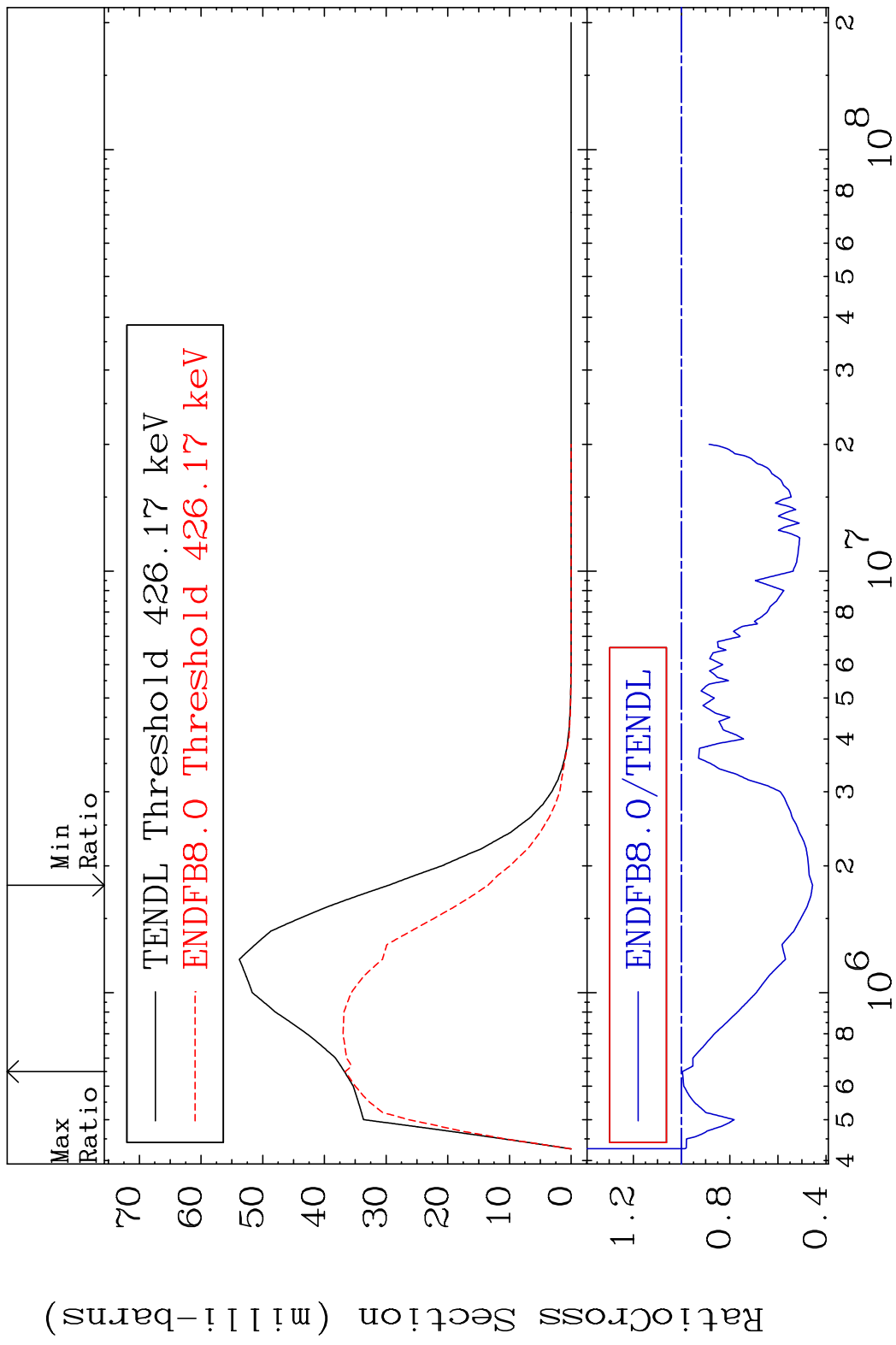
MAT 6434 MT= 69 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 103.8 %



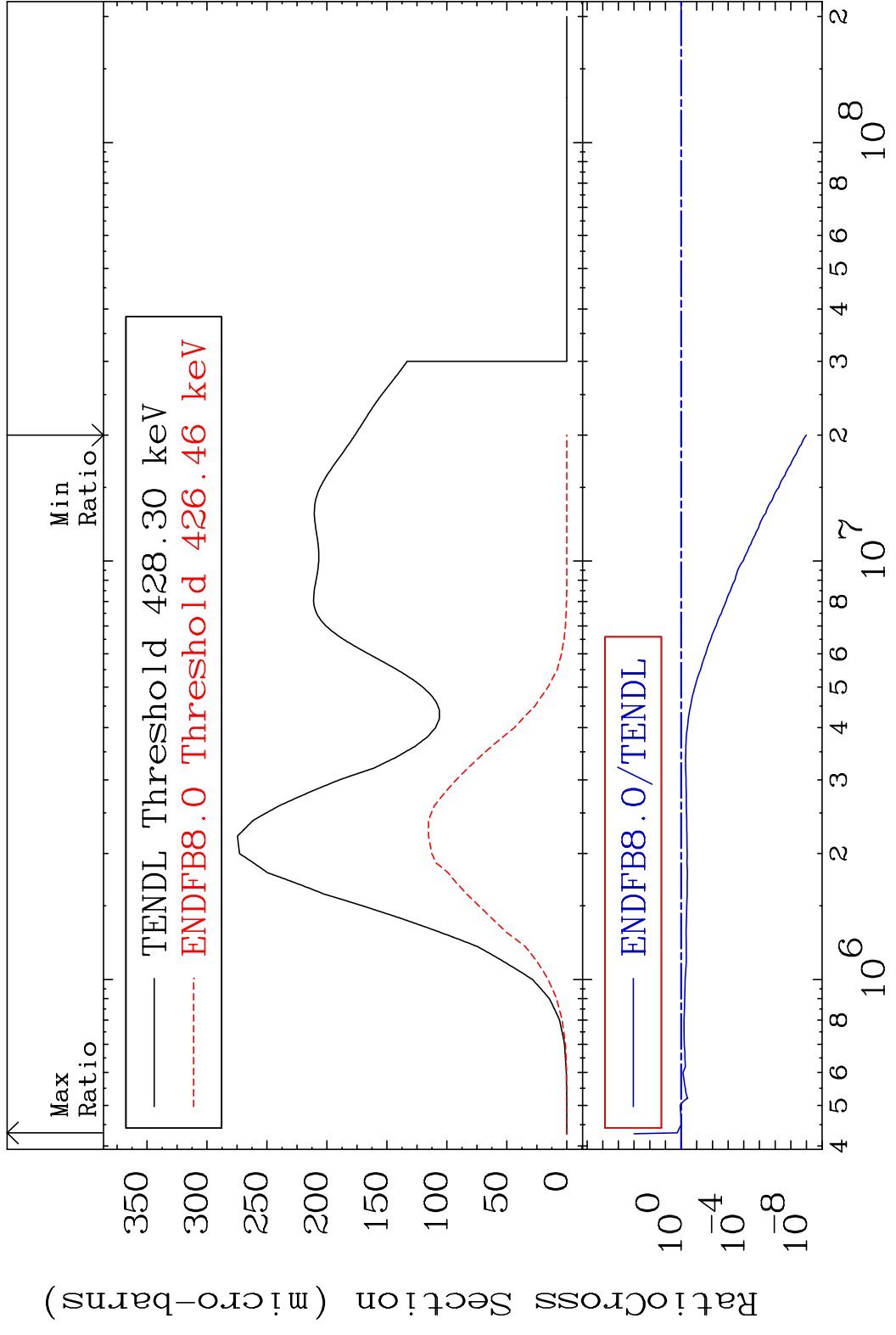
MAT 6434 MT= 70 (n,n') Level 64-Gd-155
 Cross Section -75.55 To 78.99 %



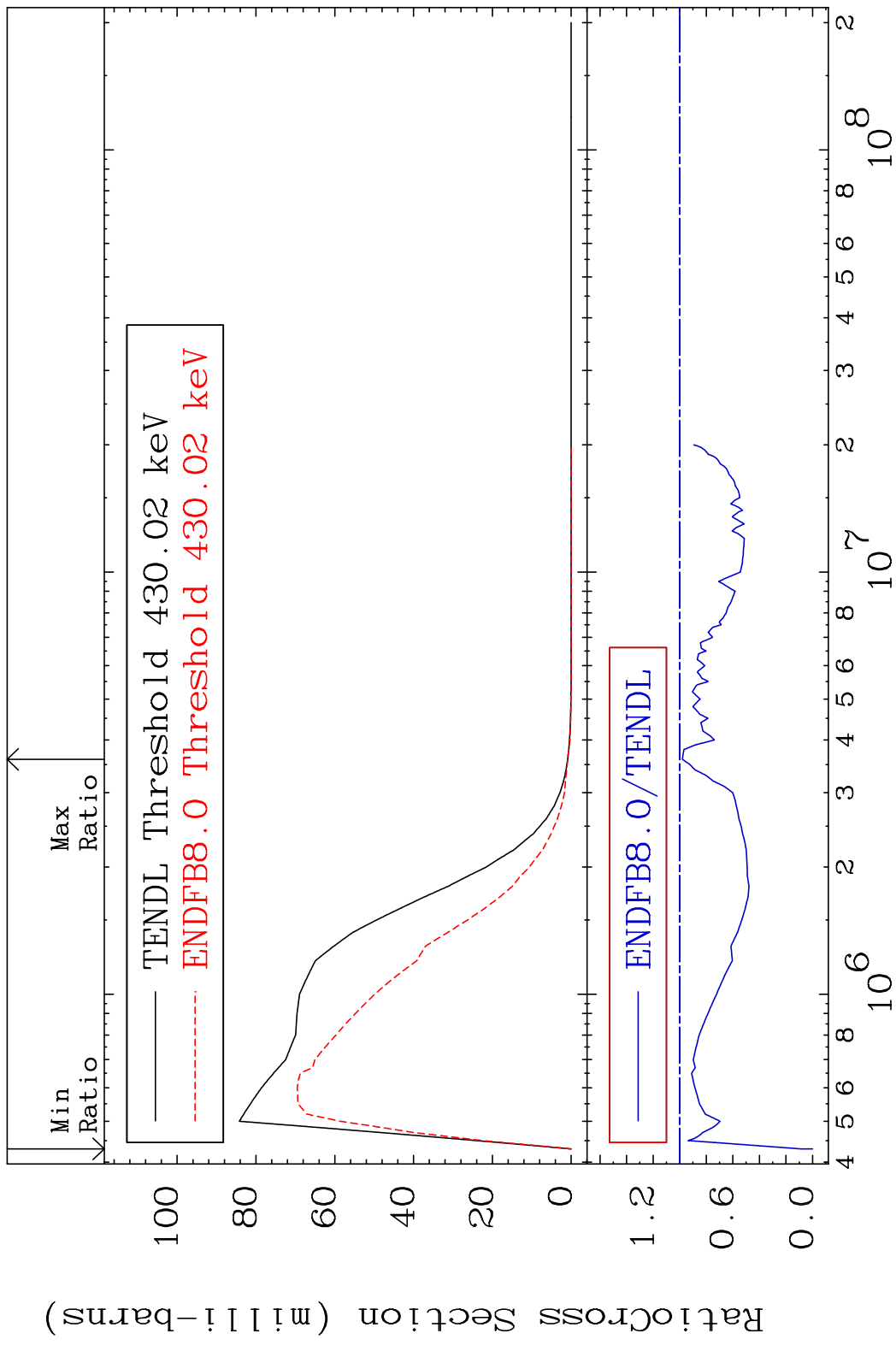
MAT 6434 MT= 71 (n,n') Level 64-Gd-155
 Cross Section -54.39 To -0.344%



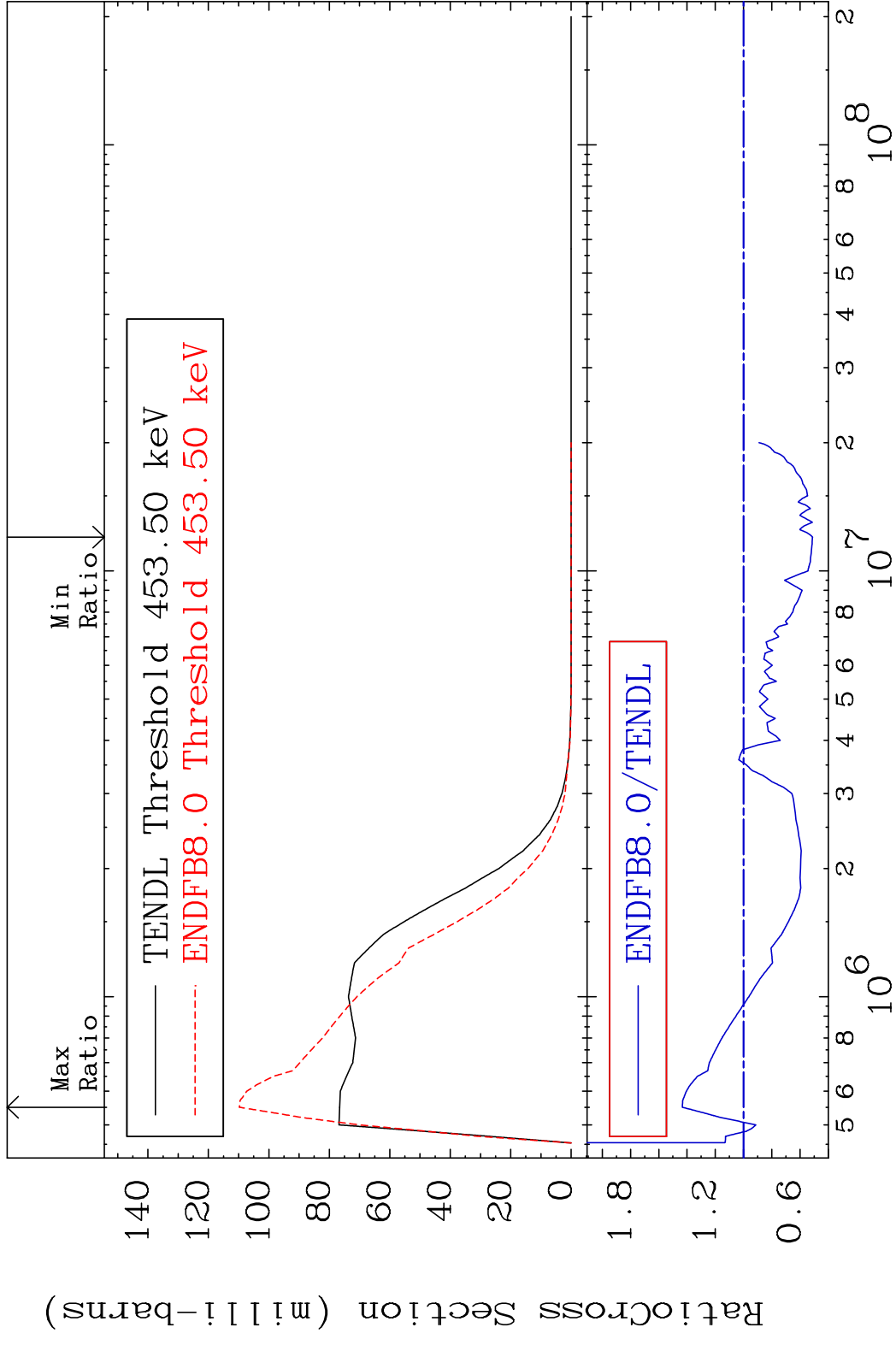
MAT 6434 MT= 72 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 77.28 %



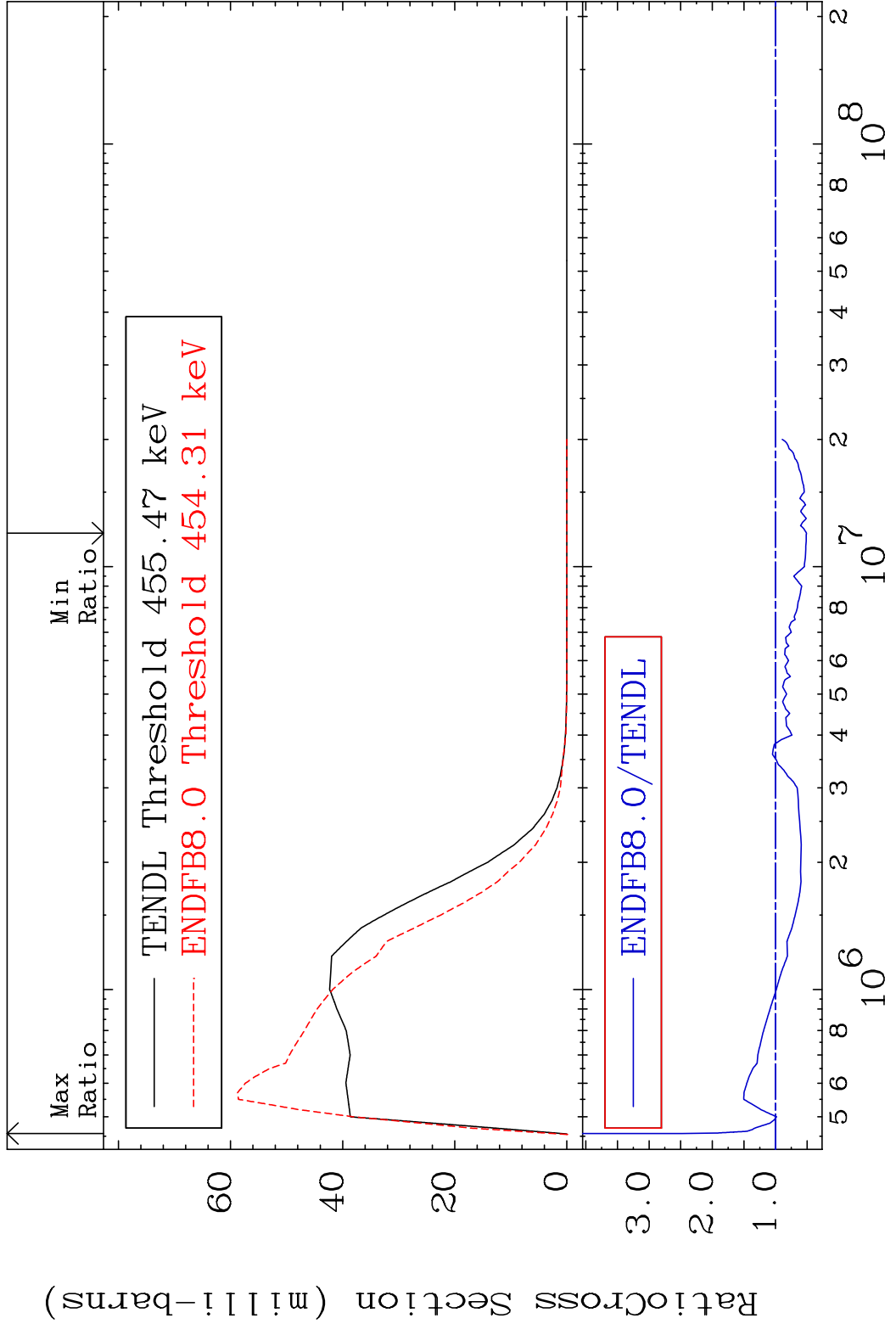
MAT 6434 MT= 73 (n, n') Level 64-Gd-155
 Cross Section -100.0 To -2.002%



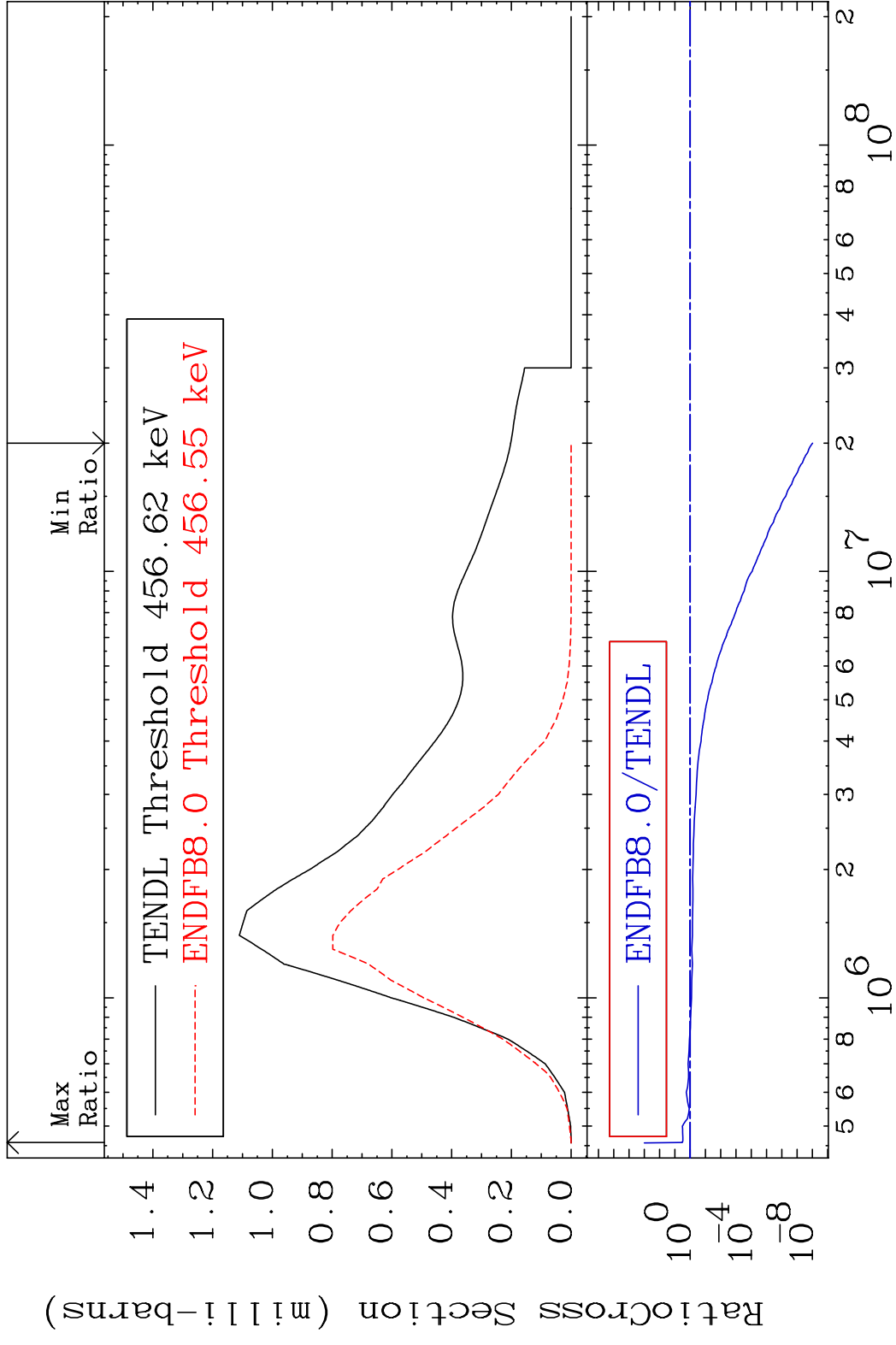
MAT 6434 MT= 74 (n, n') Level 64-Gd-155
 Cross Section -48.89 To 43.31 %



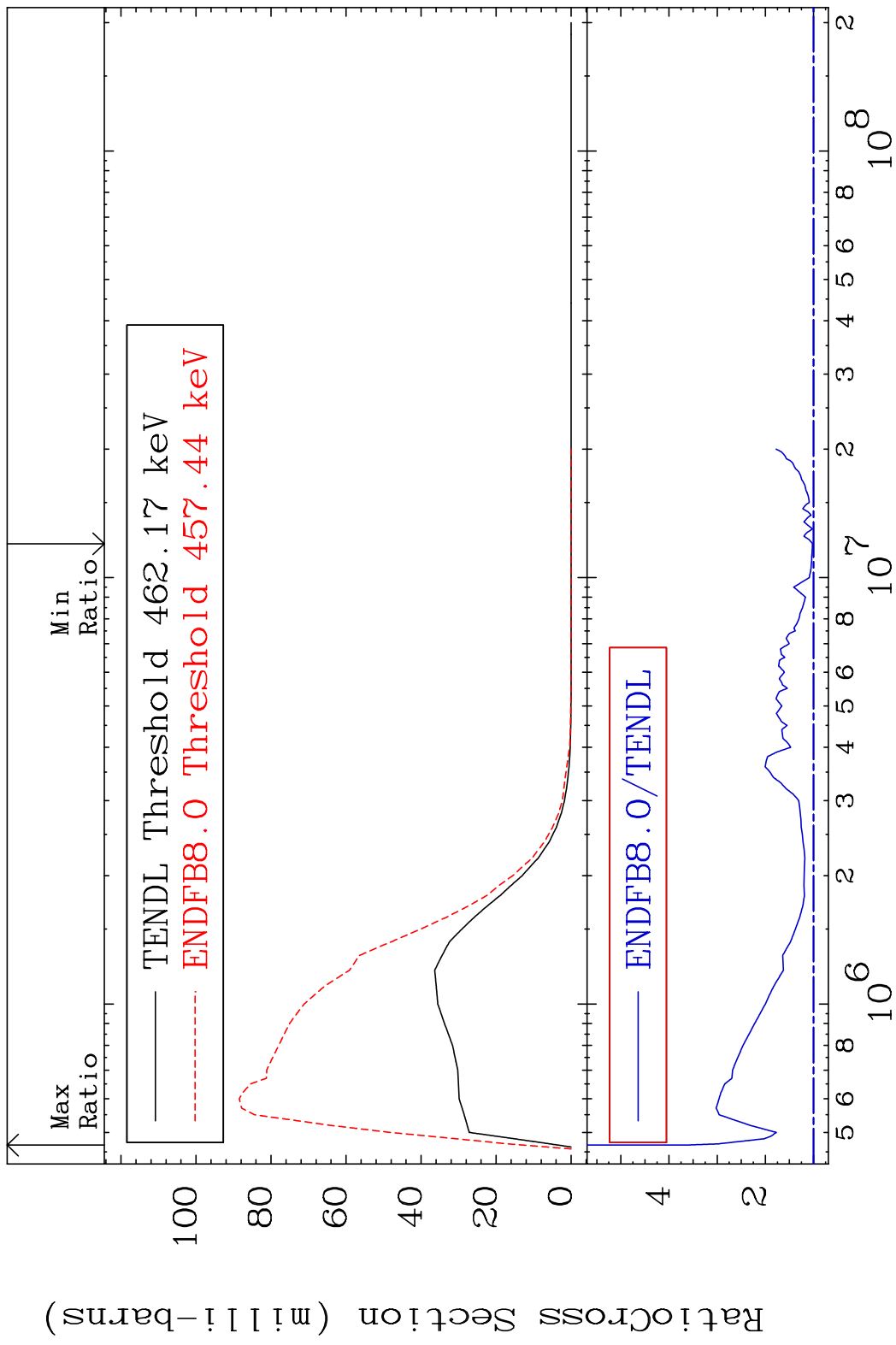
MAT 6434 MT= 75 (n, n') Level 64-Gd-155
 Cross Section -48.83 To 155.5 %



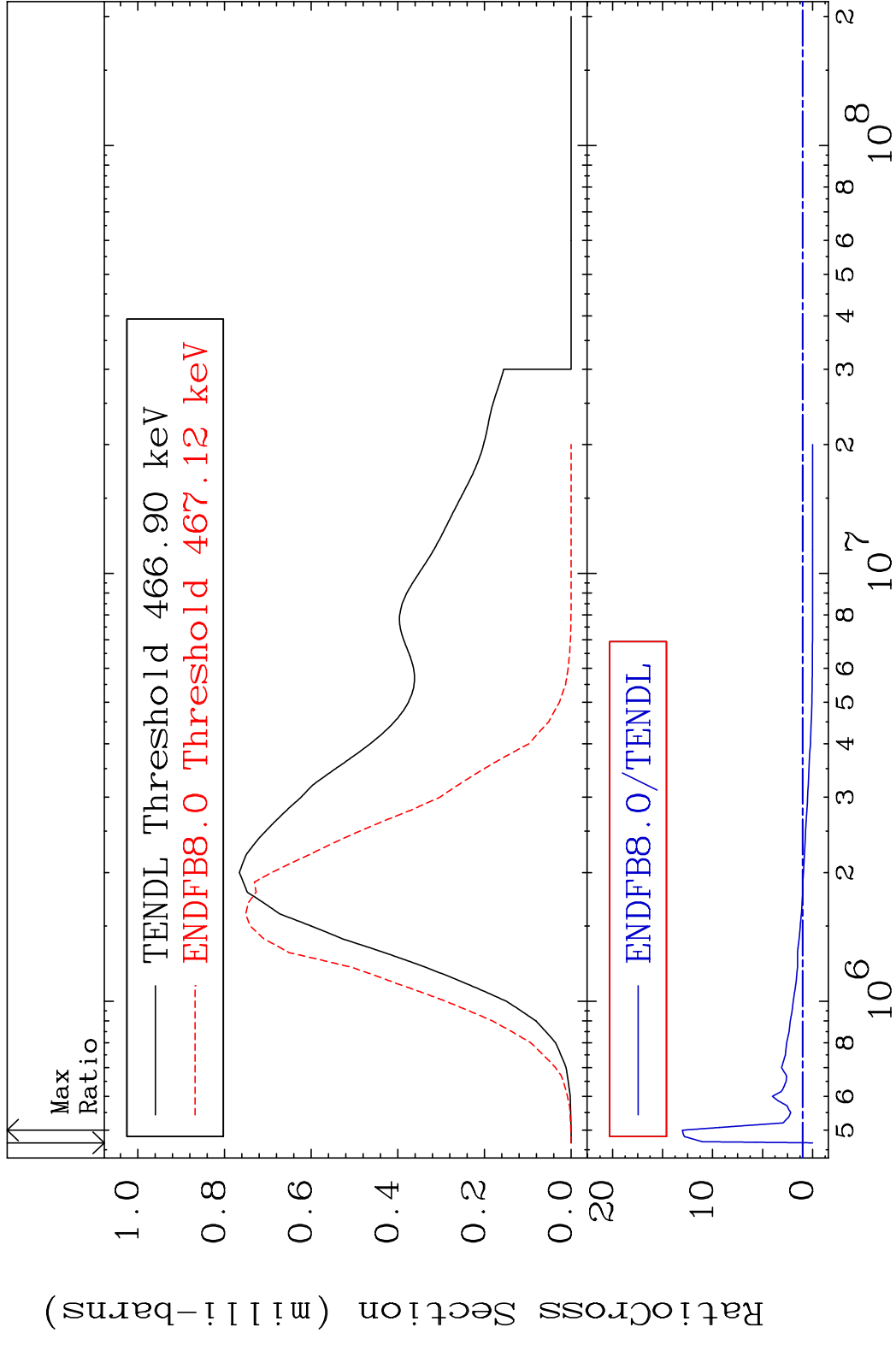
MAT 6434 MT= 76 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 221.9 %



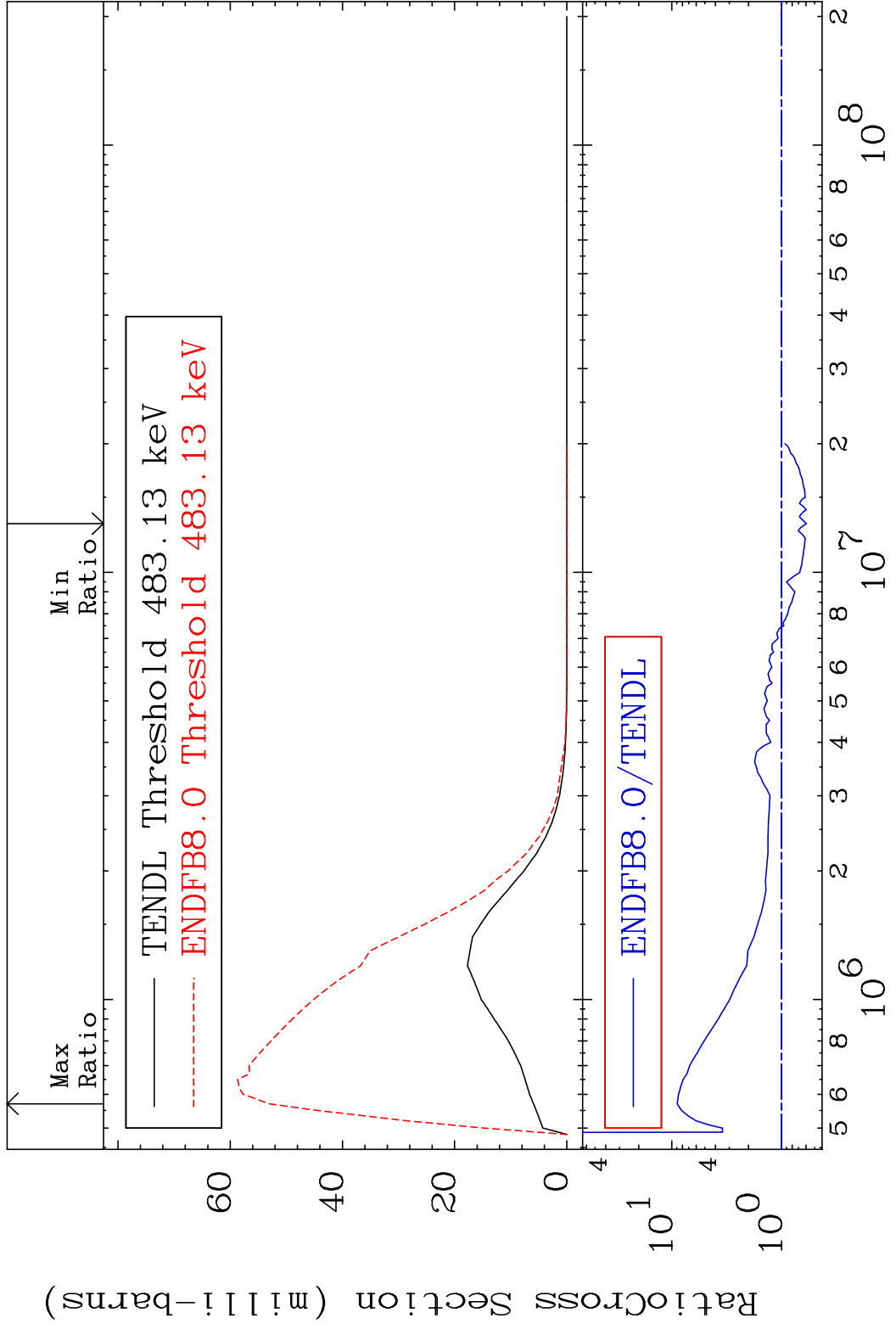
MAT 6434 MT= 77 (n, n') Level 64-Gd-155
 Cross Section 2.040 To 272.3 %



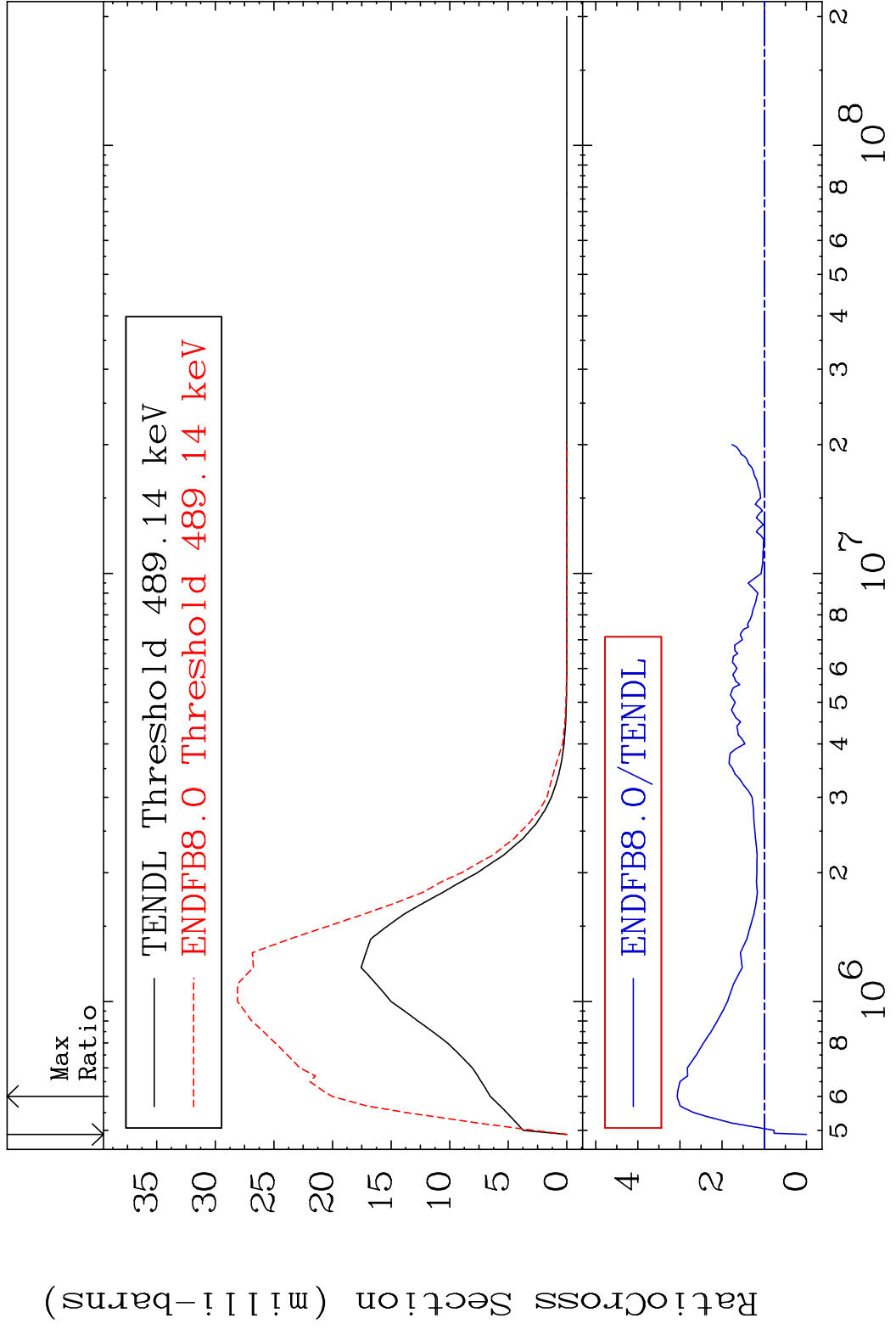
MAT 6434 MT= 78 (n, n') Level 64-Gd-155
 Cross Section -100.0 To 1202. %



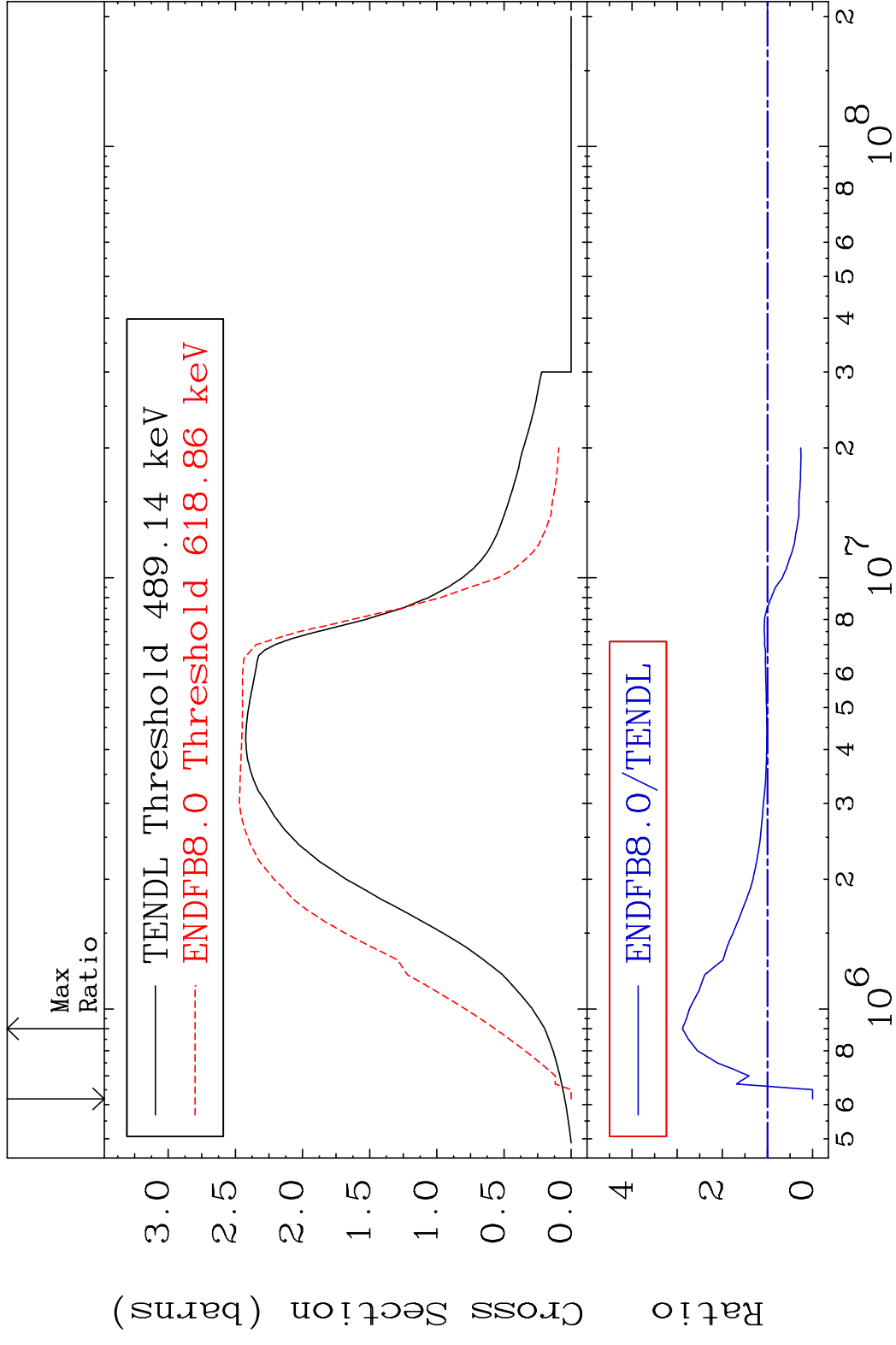
MAT 6434 MT= 79 (n, n') Level 64-Gd-155
 Cross Section -40.62 To 793.1 %



MAT 6434 MT= 80 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 206.6 %



MAT 6434 (n, n') Continuum 64-Gd-155
 Cross Section -100.0 To 188.5 %

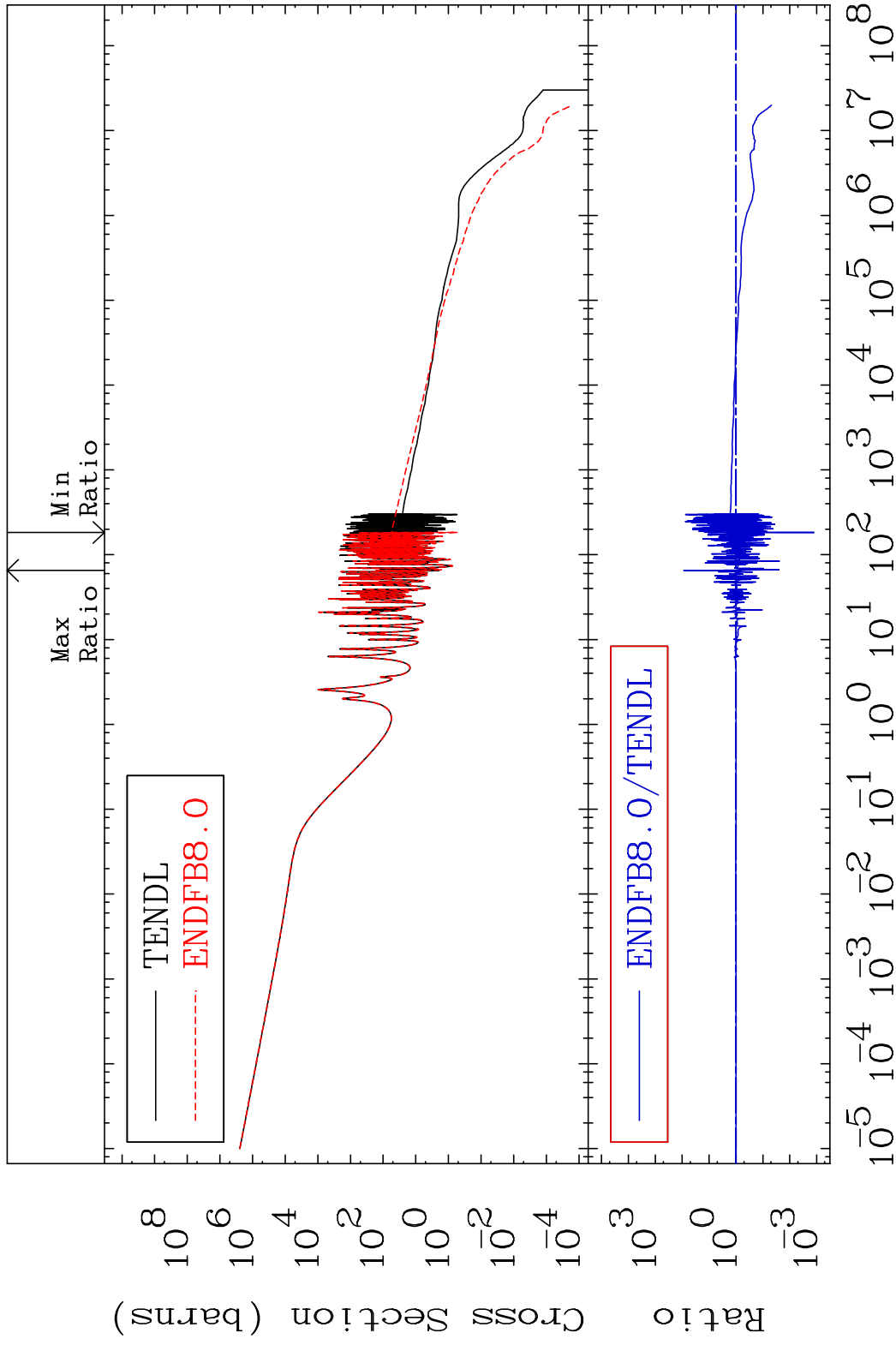


40 Incident Energy (eV) 64-Gd-155

MAT 6434

(n, γ)
Cross Section -99.88 To 8730. %

64-Gd-155



41

Incident Energy (eV)

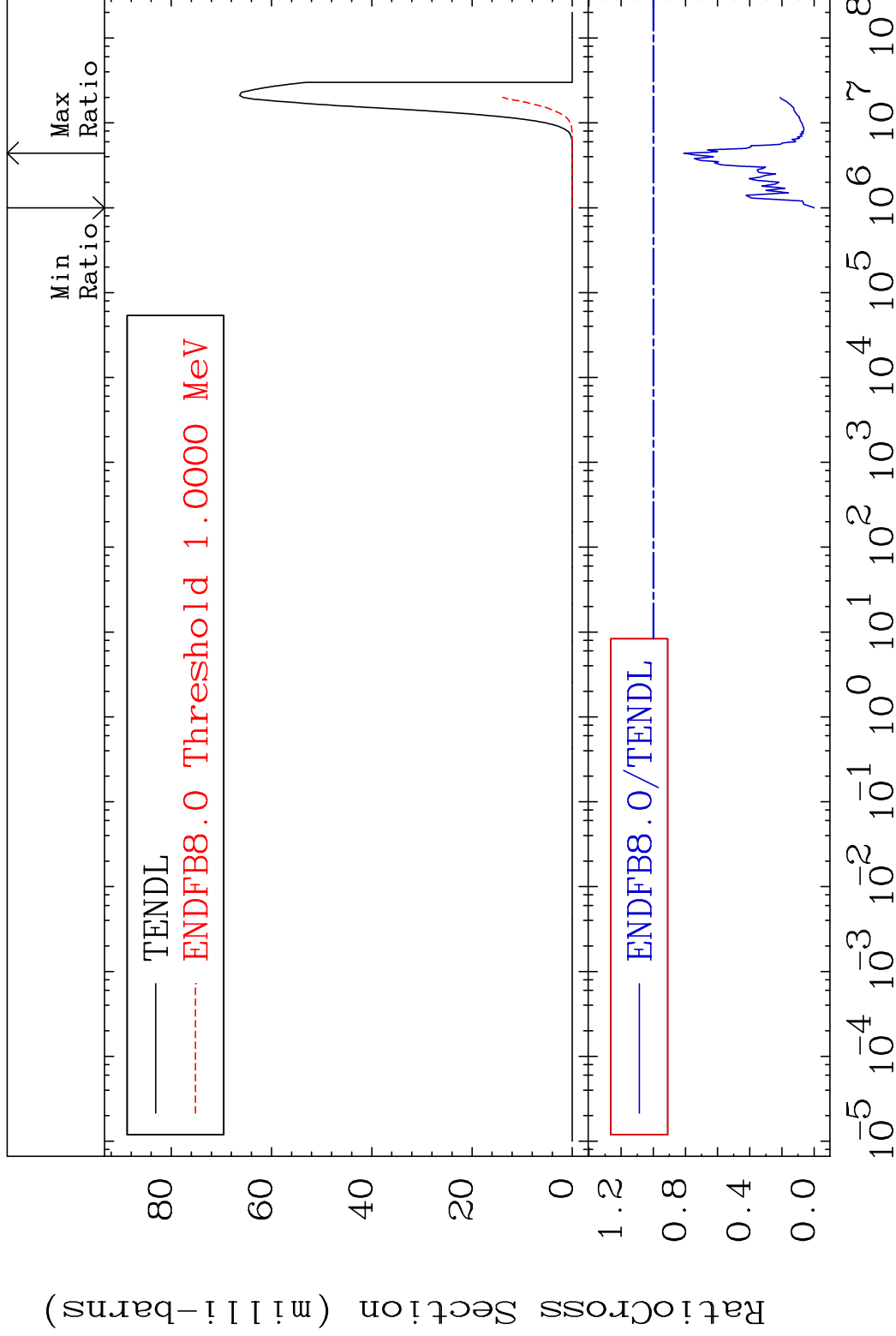
64-Gd-155

MAT 6434

(n, p)

64-Gd-155

Cross Section -100.0 To -18.89%



42

Incident Energy (eV)

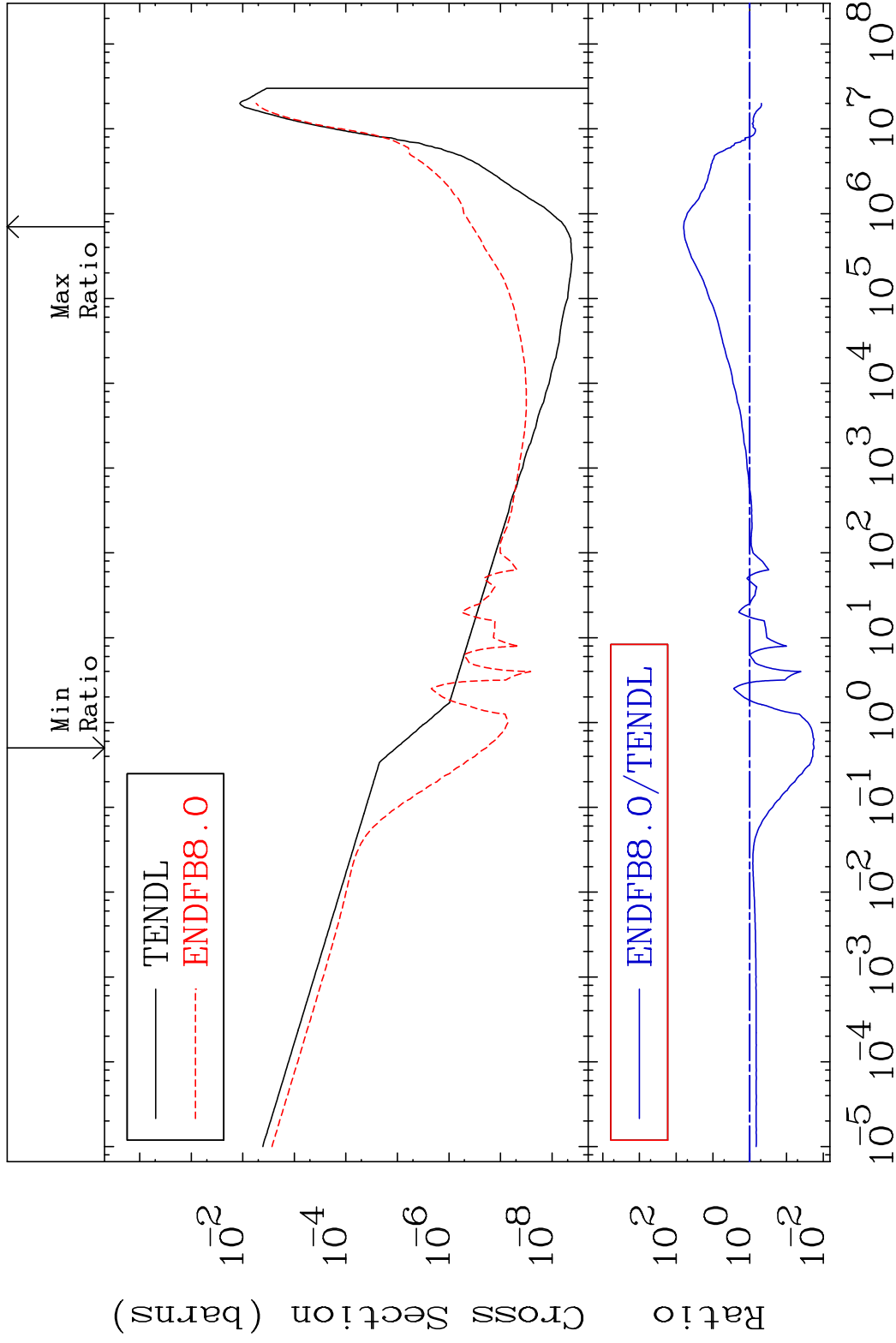
64-Gd-155

MAT 6434

(n, α)

64-Gd-155

Cross Section -98.23 To 6170. %



43

Incident Energy (eV)

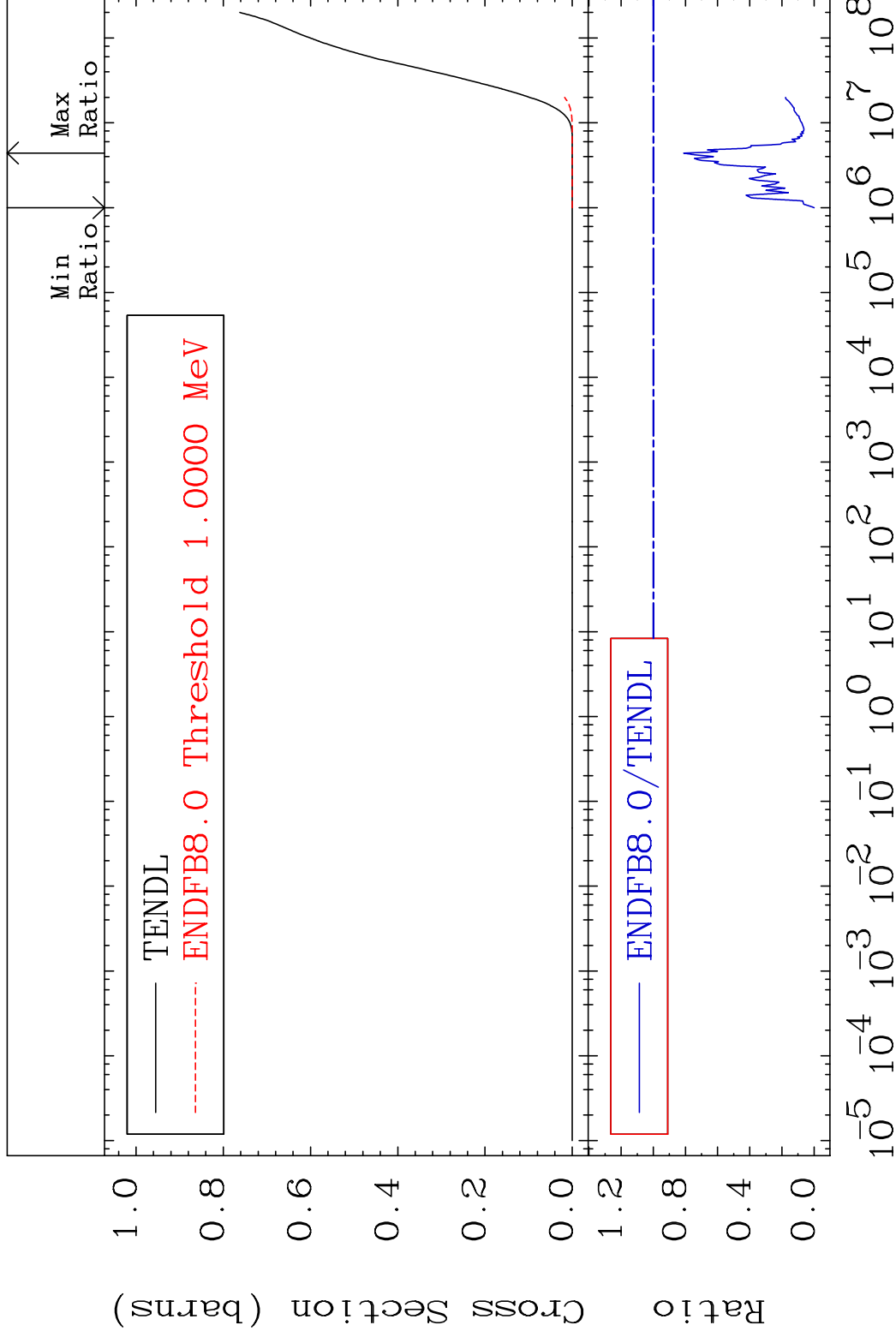
64-Gd-155

MAT 6434

Hydrogen Production

64-Gd-155

Cross Section -100.0 To -18.89%



44

Incident Energy (eV)

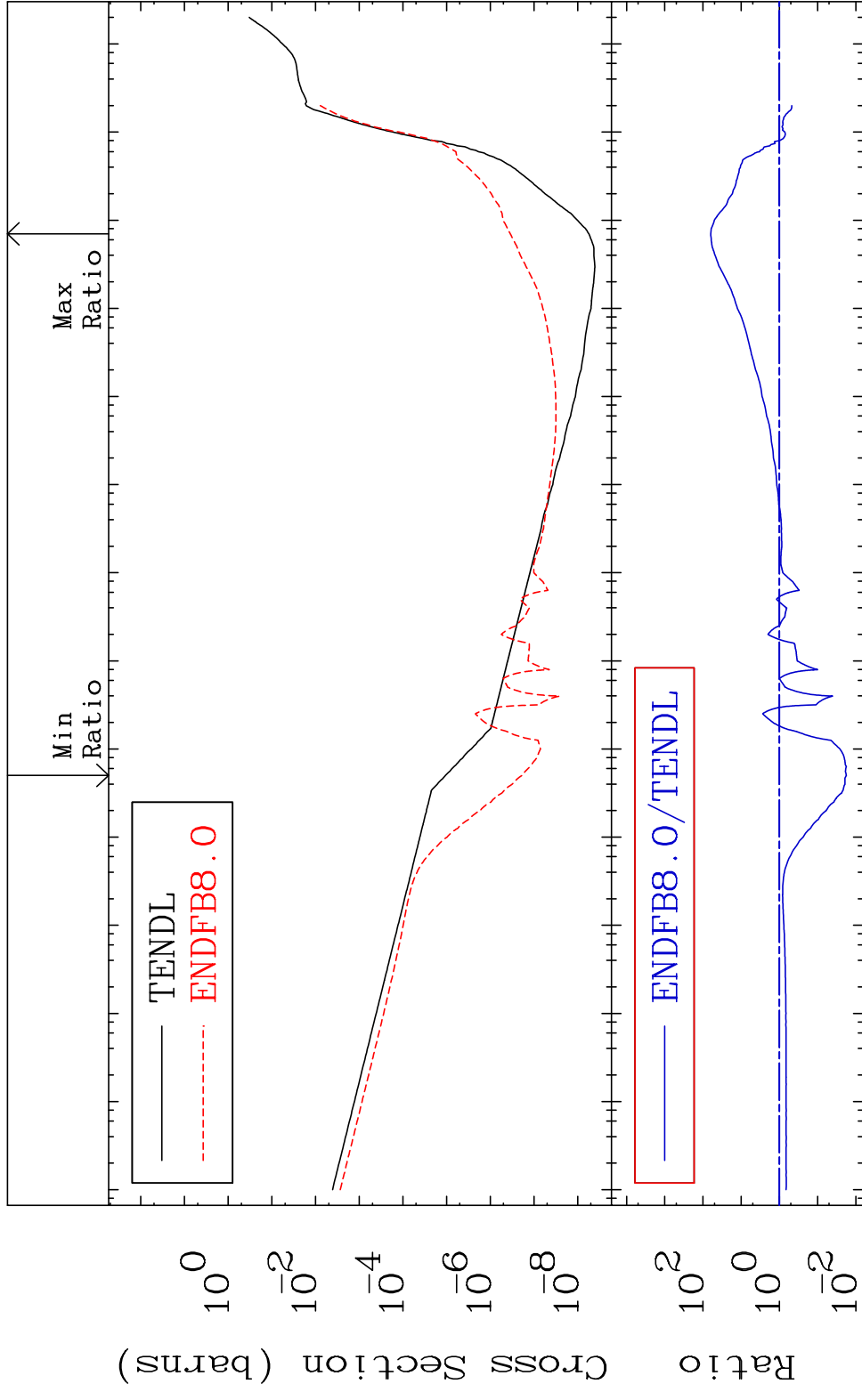
64-Gd-155

MAT 6434

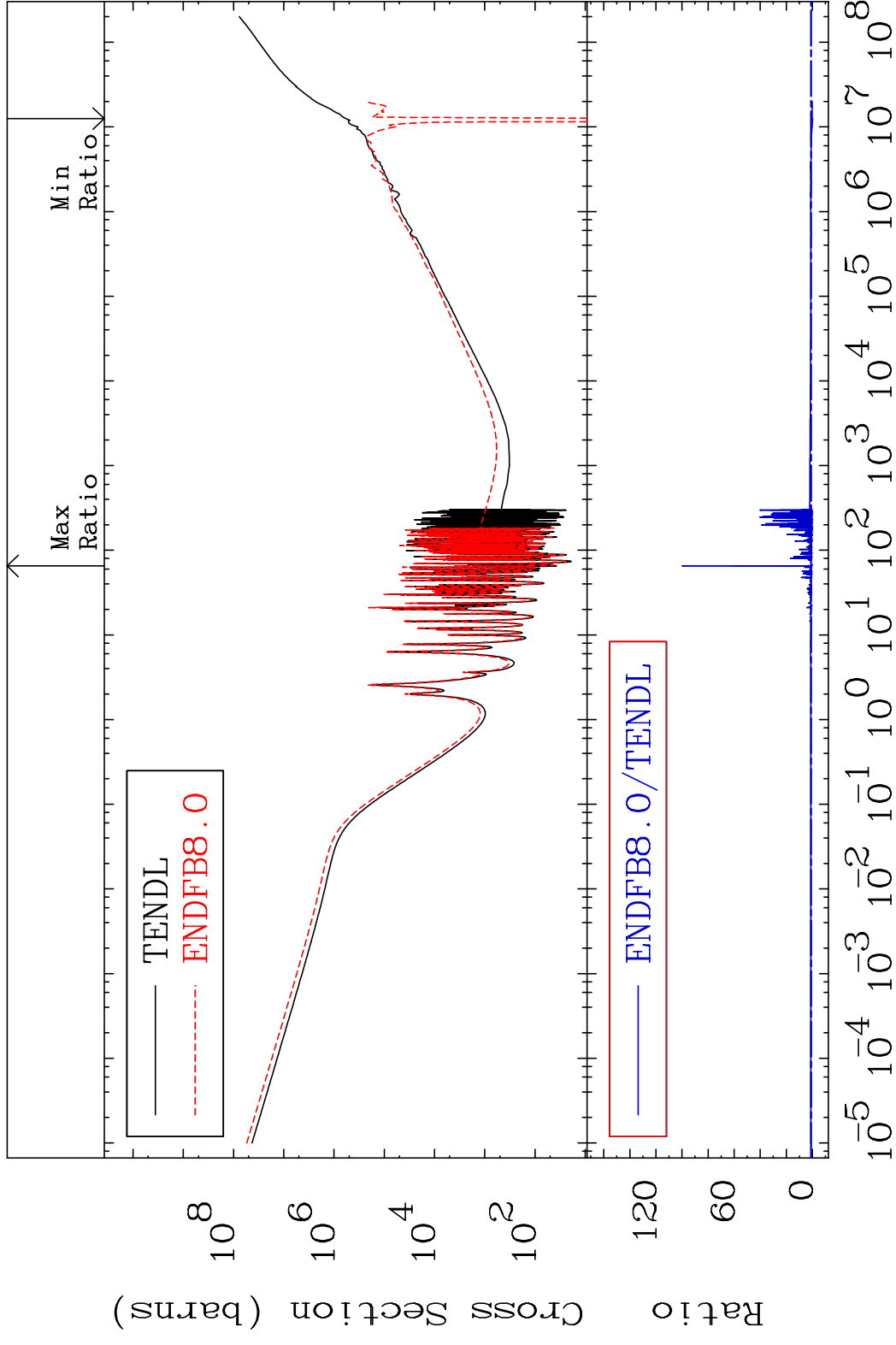
He-4 Production

64-Gd-155

Cross Section -98.23 To 6170. %



MAT 6434 Kerma total (eV-barns) 64-Gd-155
 Cross Section -116.0 To 9871. %

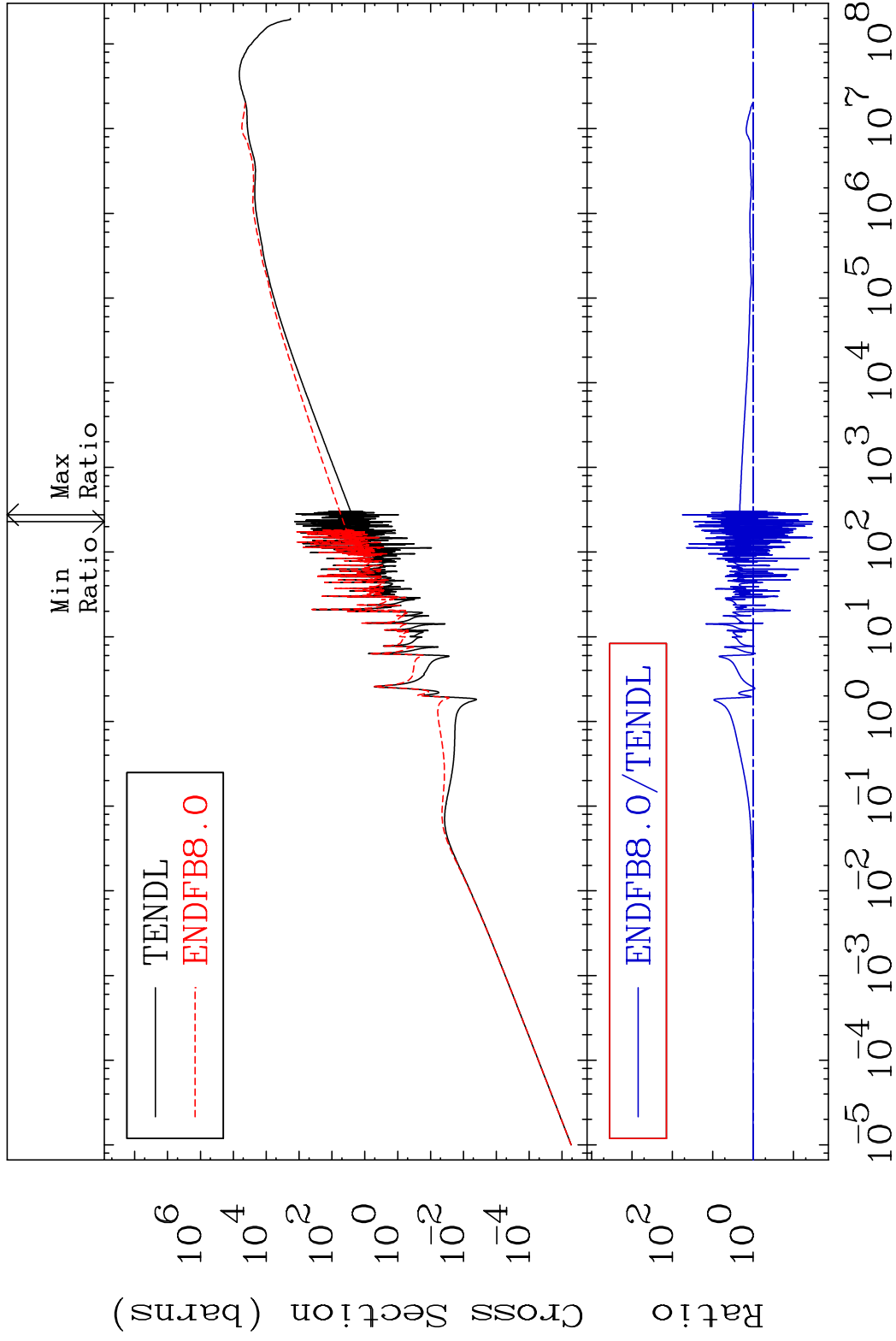


MAT 6434

Kerma elastic

64-Gd-155

Cross Section -96.62 To 5551. %

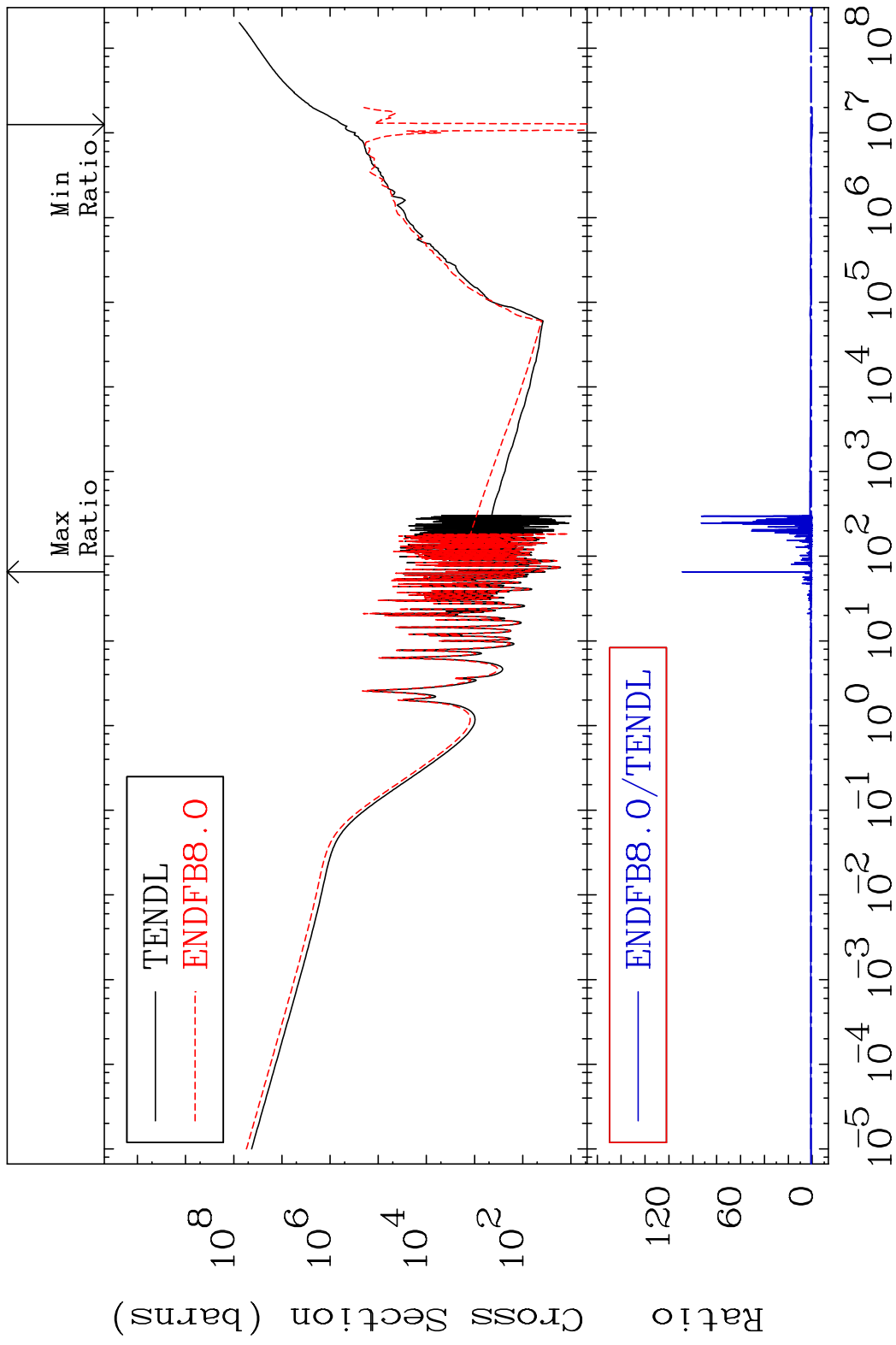


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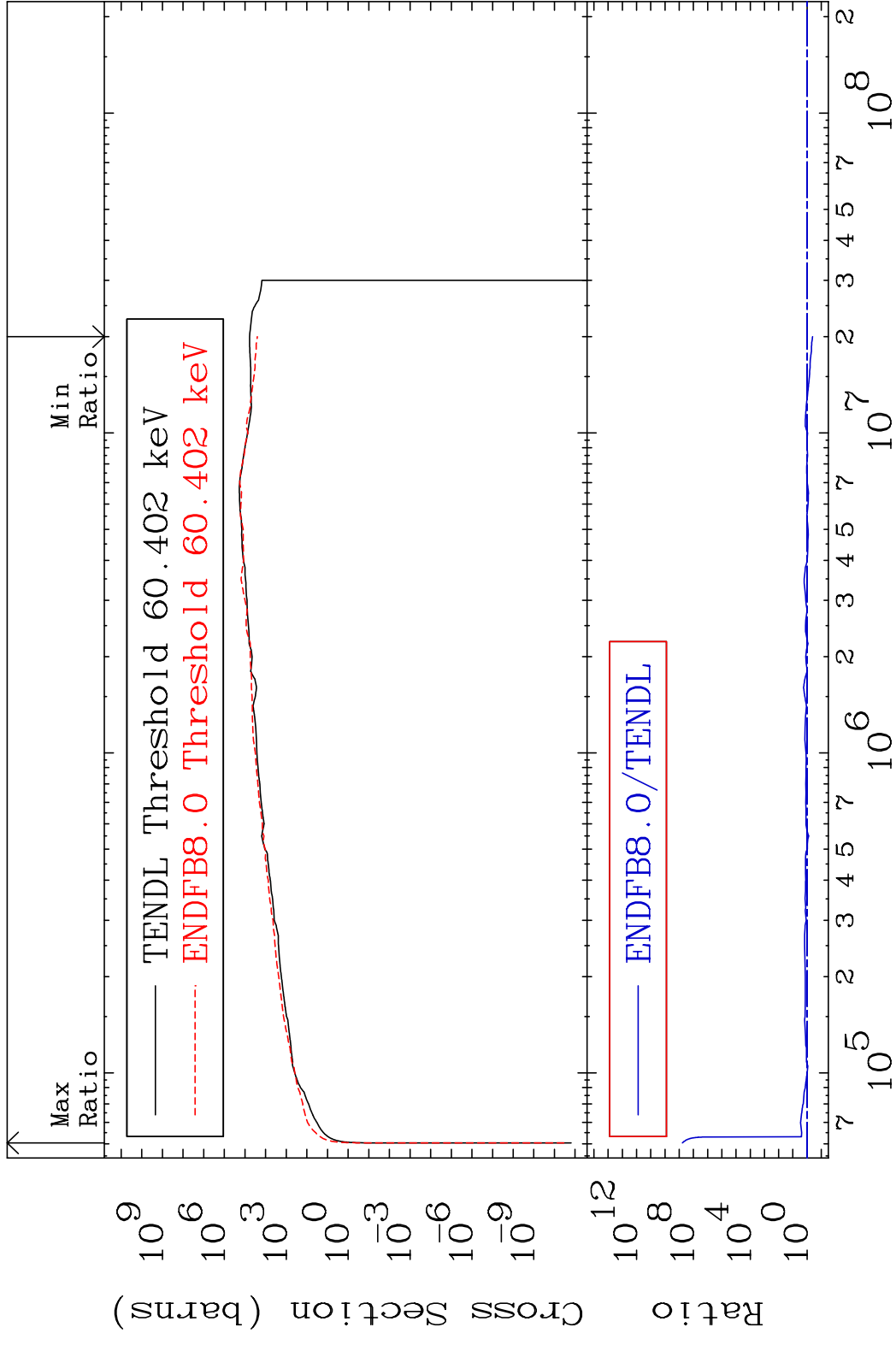
Incident Energy (eV)

64-Gd-155

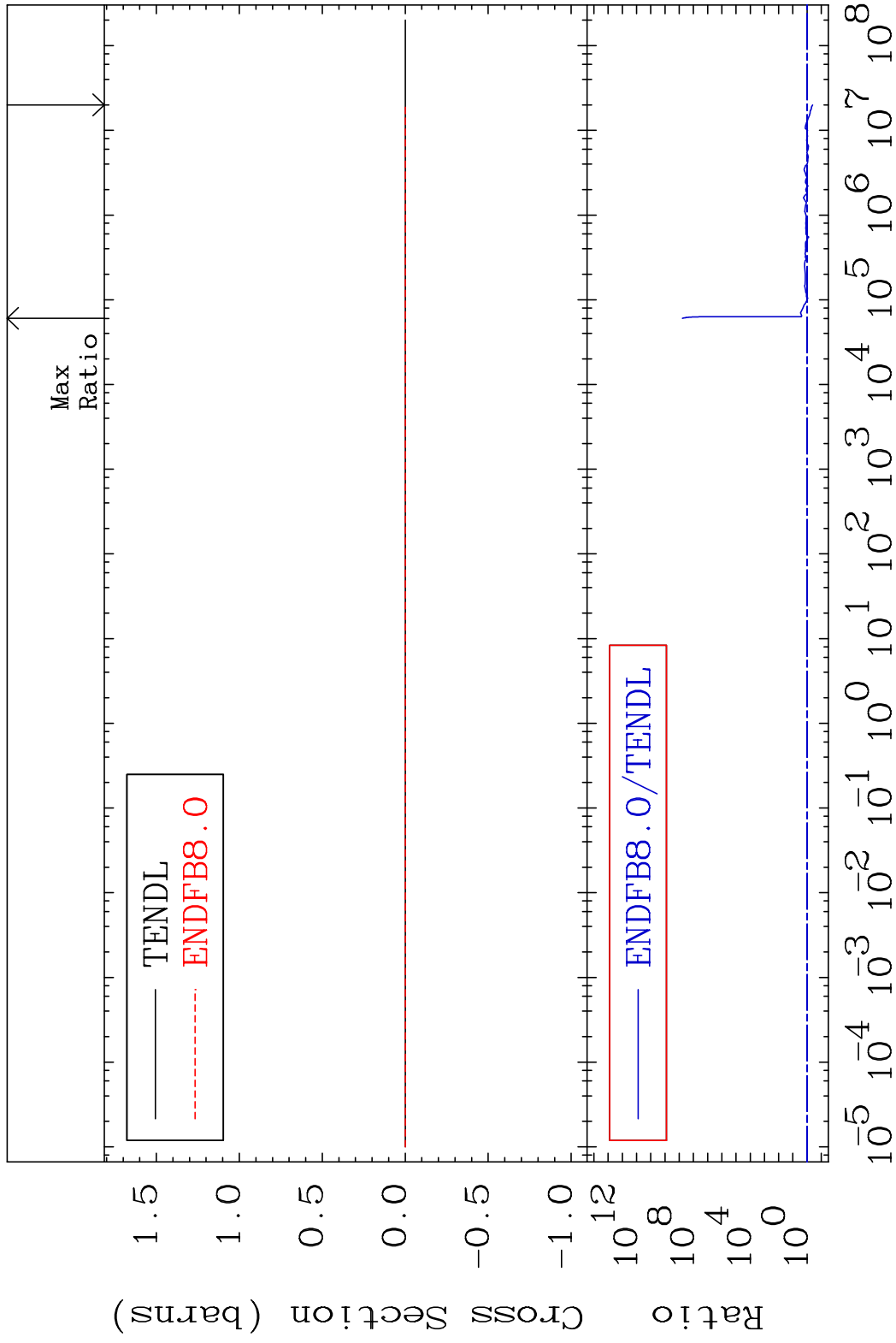
MAT 6434 Kerma non-elastic (all but mt2) 64-Gd-155
 Cross Section -126.8 To 9999. %



MAT 6434 Kerma inelastic (mt51-91) 64-Gd-155
 Cross Section -58.77 To 9999. %



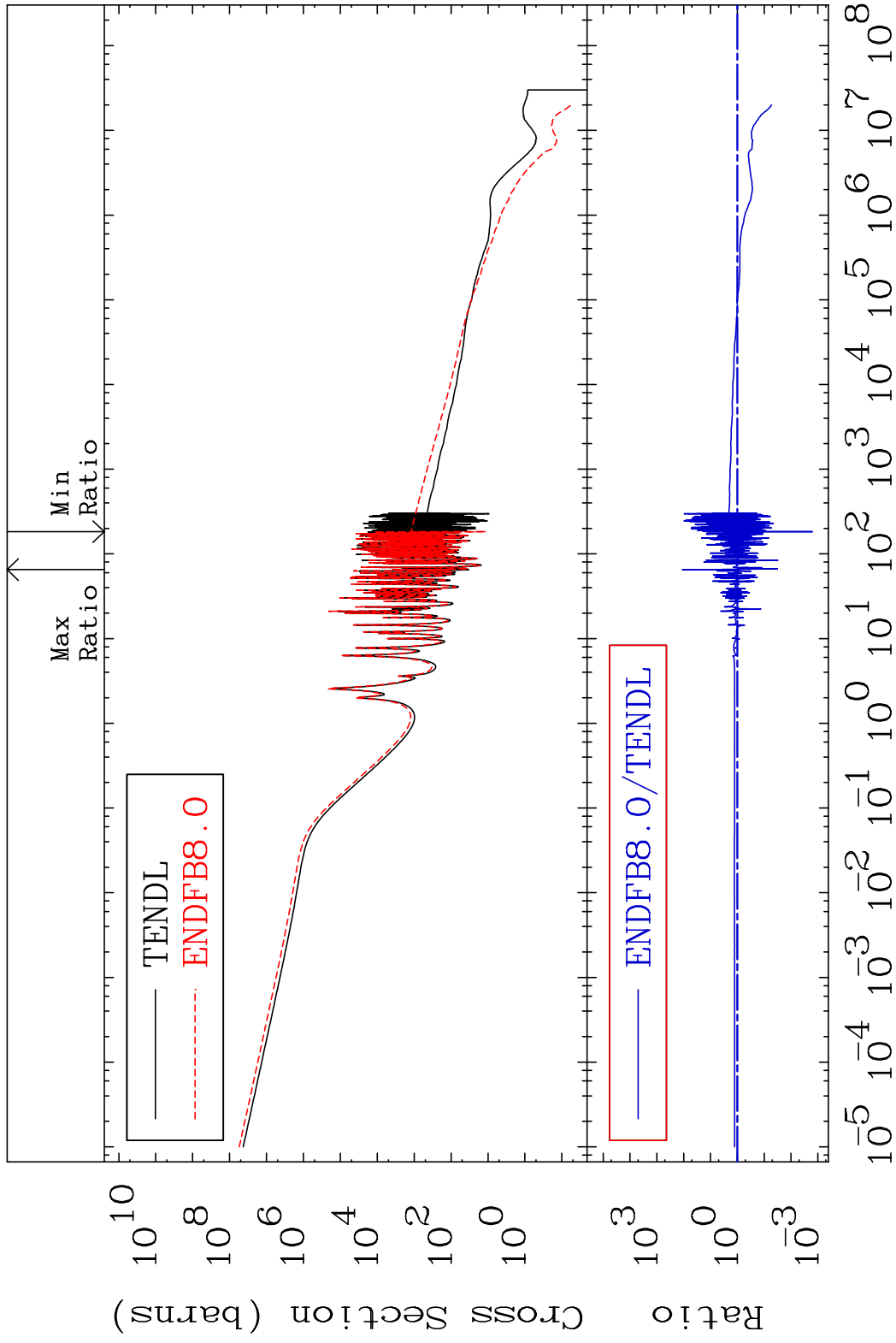
MAT 6434 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-155
 Cross Section -58.77 To 9999. %



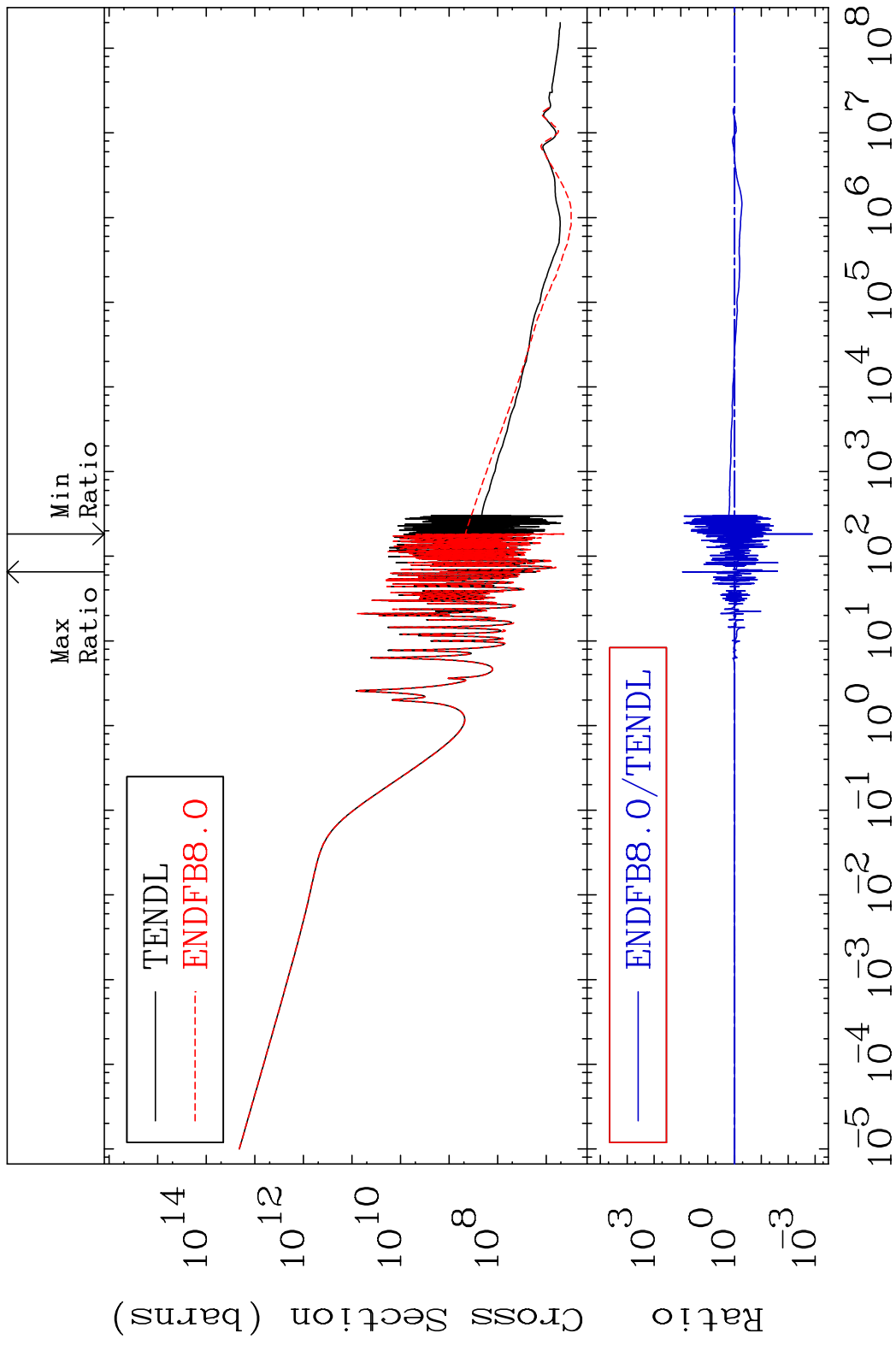
MAT 6434

Kerma capture (mt102) 64-Gd-155

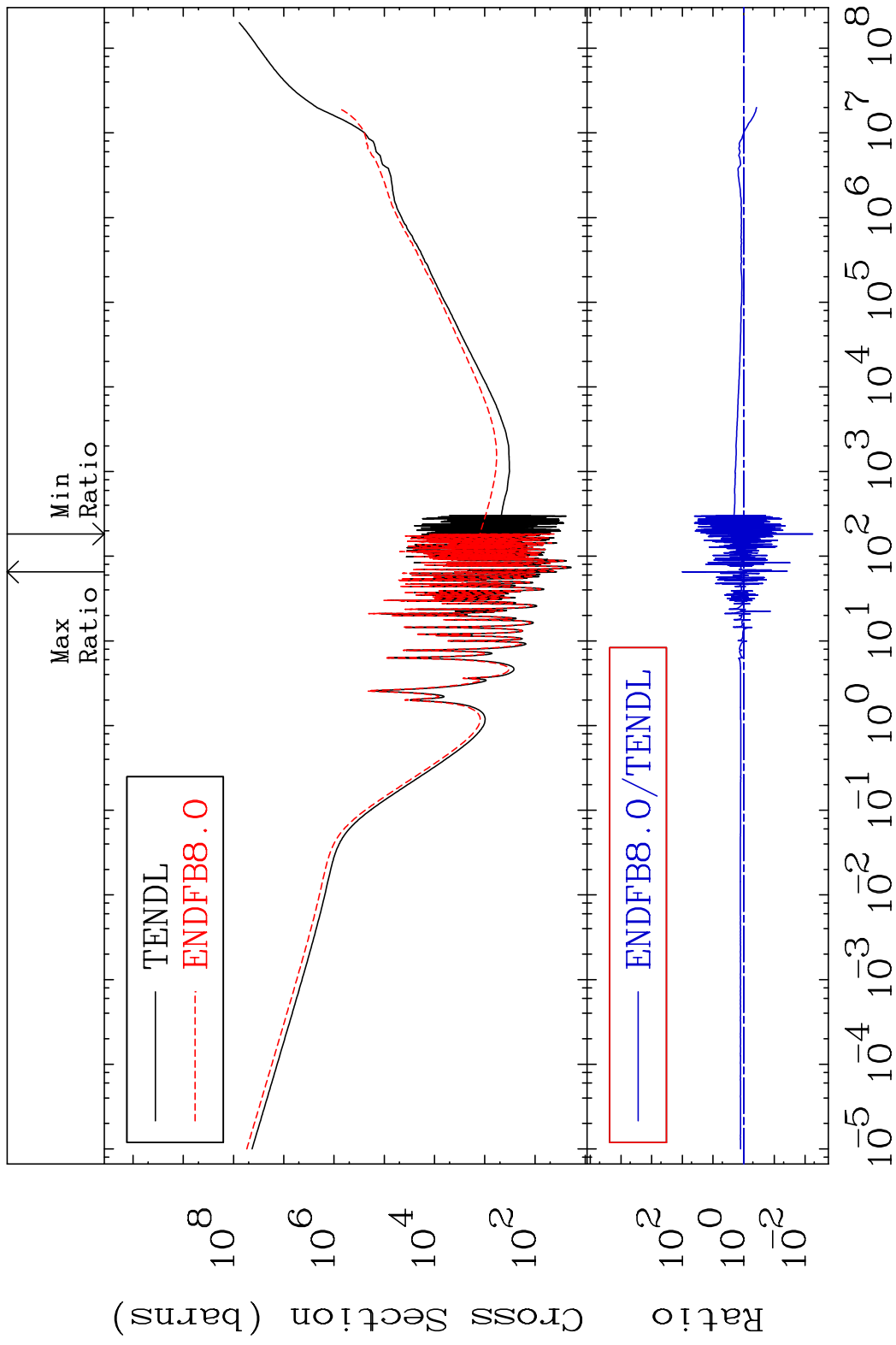
Cross Section -99.84 To 9999. %



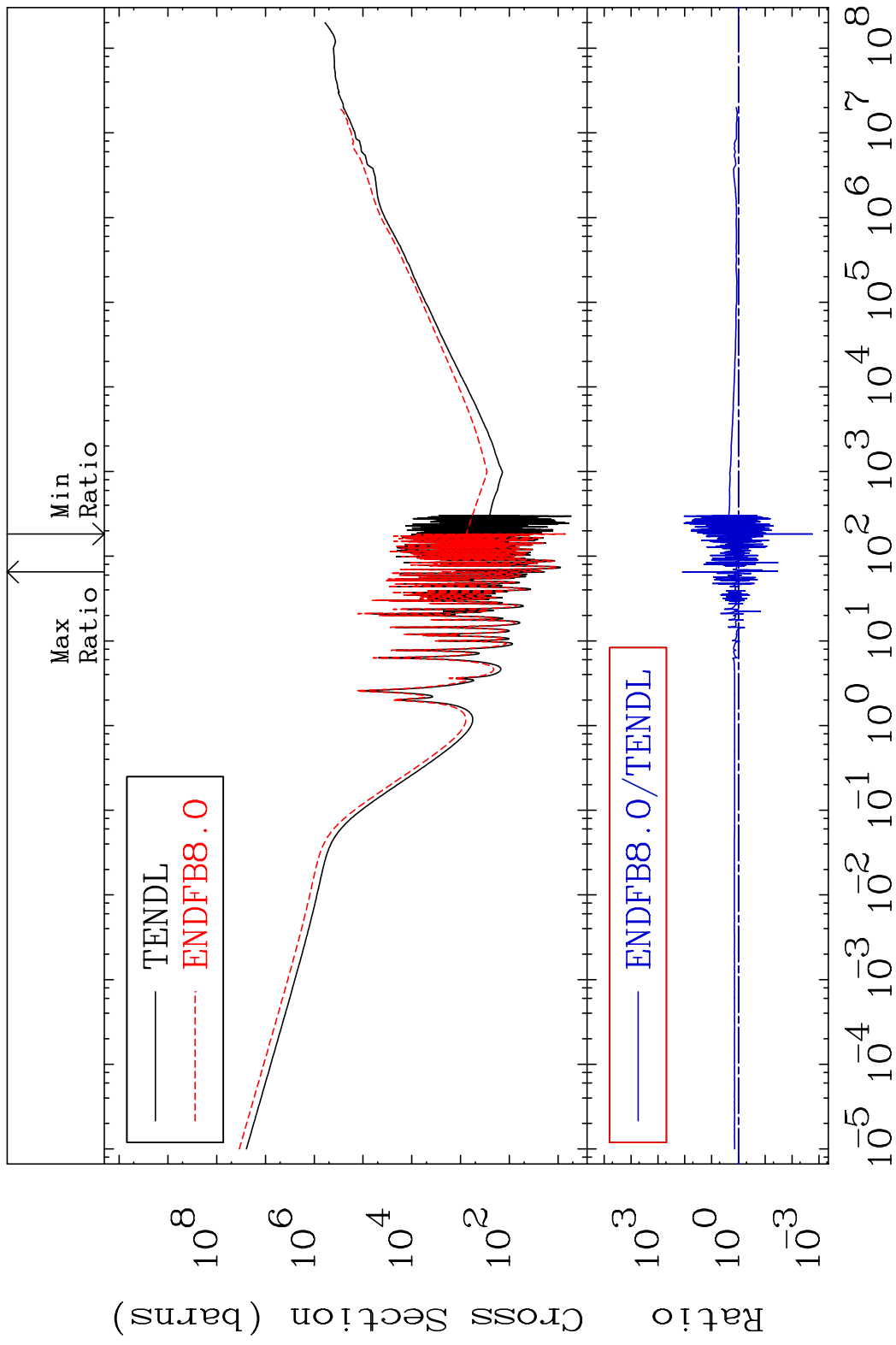
MAT 6434 Total photon (eV-barns) 64-Gd-155
 Cross Section -99.88 To 8695. %



MAT 6434 Total kinematic kerma (high limit) 64-Gd-155
 Cross Section -99.43 To 9870. %



MAT 6434 Dpa total (eV-barns) 64-Gd-155
 Cross Section -99.83 To 9999. %

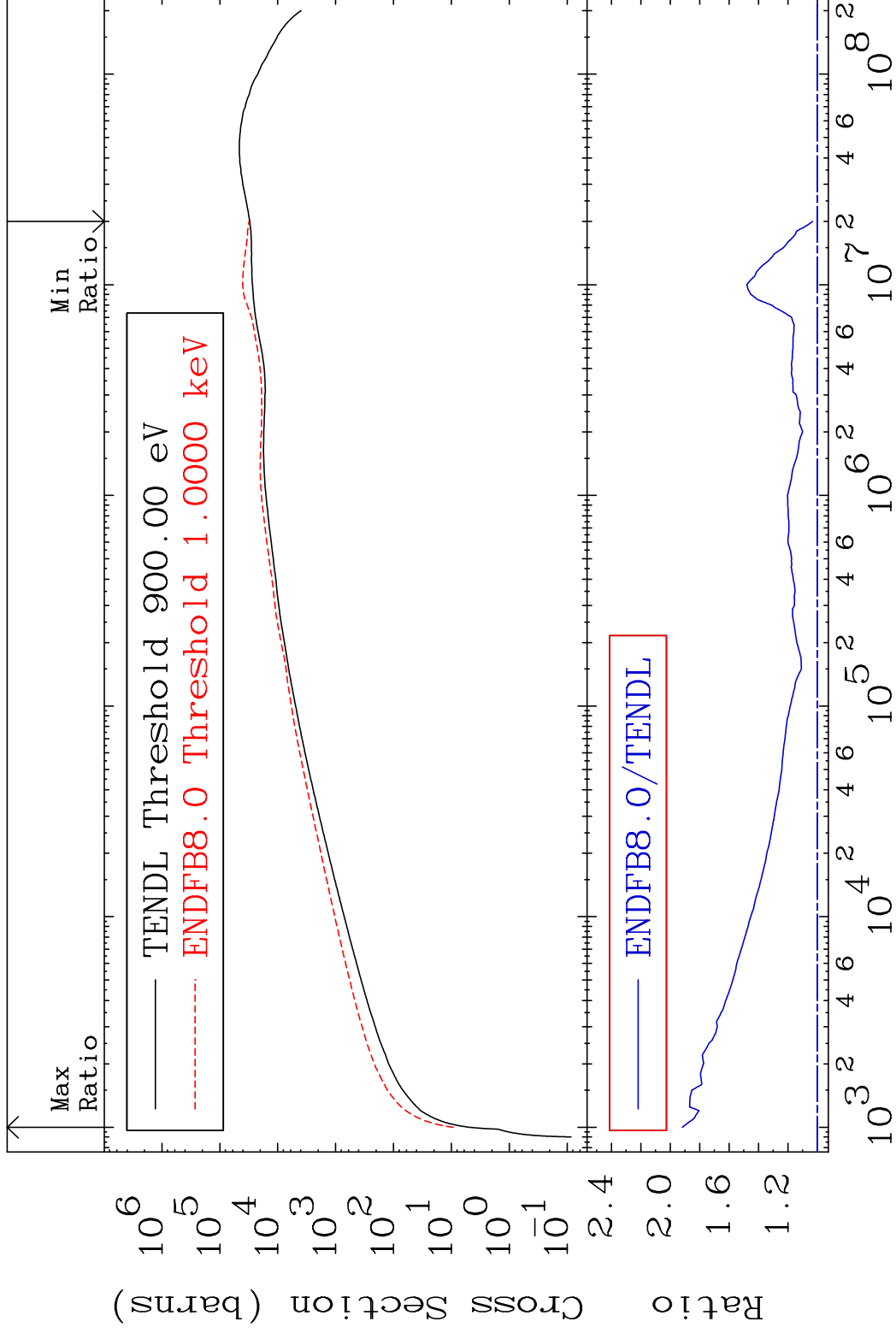


MAT 6434

Dpa elastic (mt2)

64-Gd-155

Cross Section 3.213 To 91.74 %

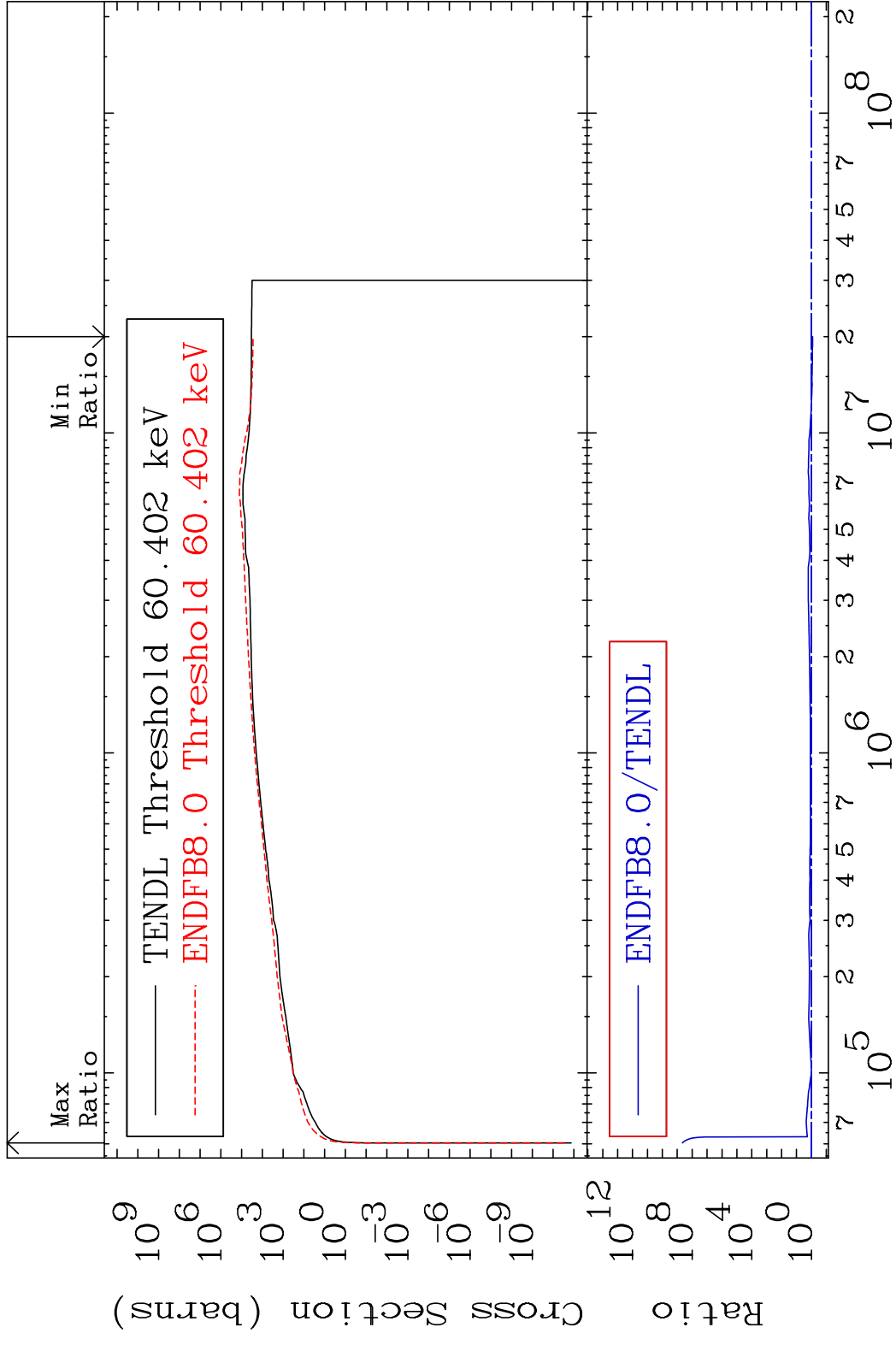


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Incident Energy (eV)

64-Gd-155

MAT 6434 Dpa inelastic (mt51-91) 64-Gd-155
 Cross Section -15.91 To 9999. %



MAT 6434 Dpa disappearance (mt102 -120) 64-Gd-155
 Cross Section -99.83 To 9999. %

