

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

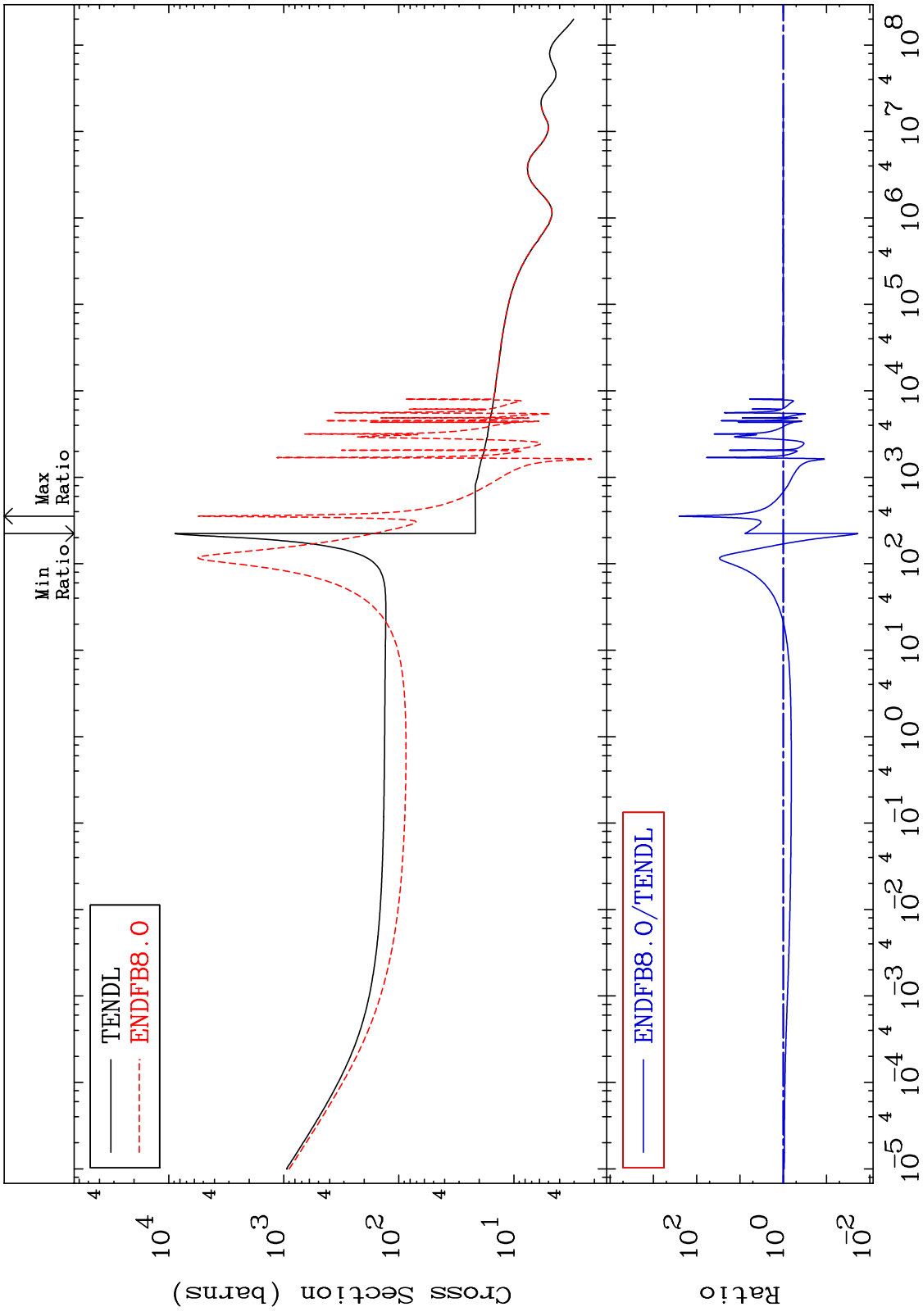
MAT 8434

Total

84-Po-209

Cross Section

-98.11 To 9999. %



1

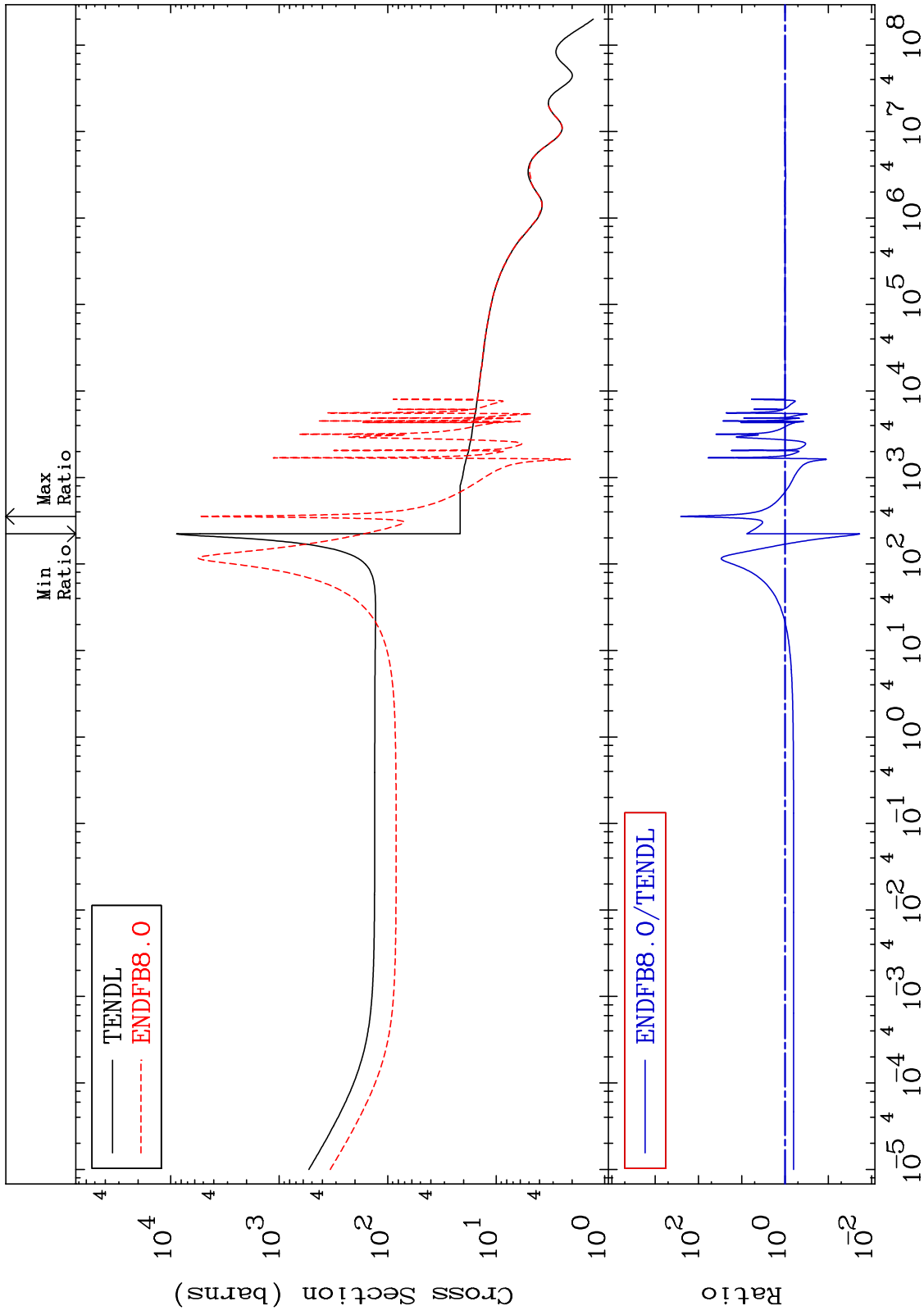
Incident Energy (eV)

84-Po-209

MAT 8434

Elastic
Cross Section

84-Po-209
-98.11 To 9999. %



2

Incident Energy (eV)

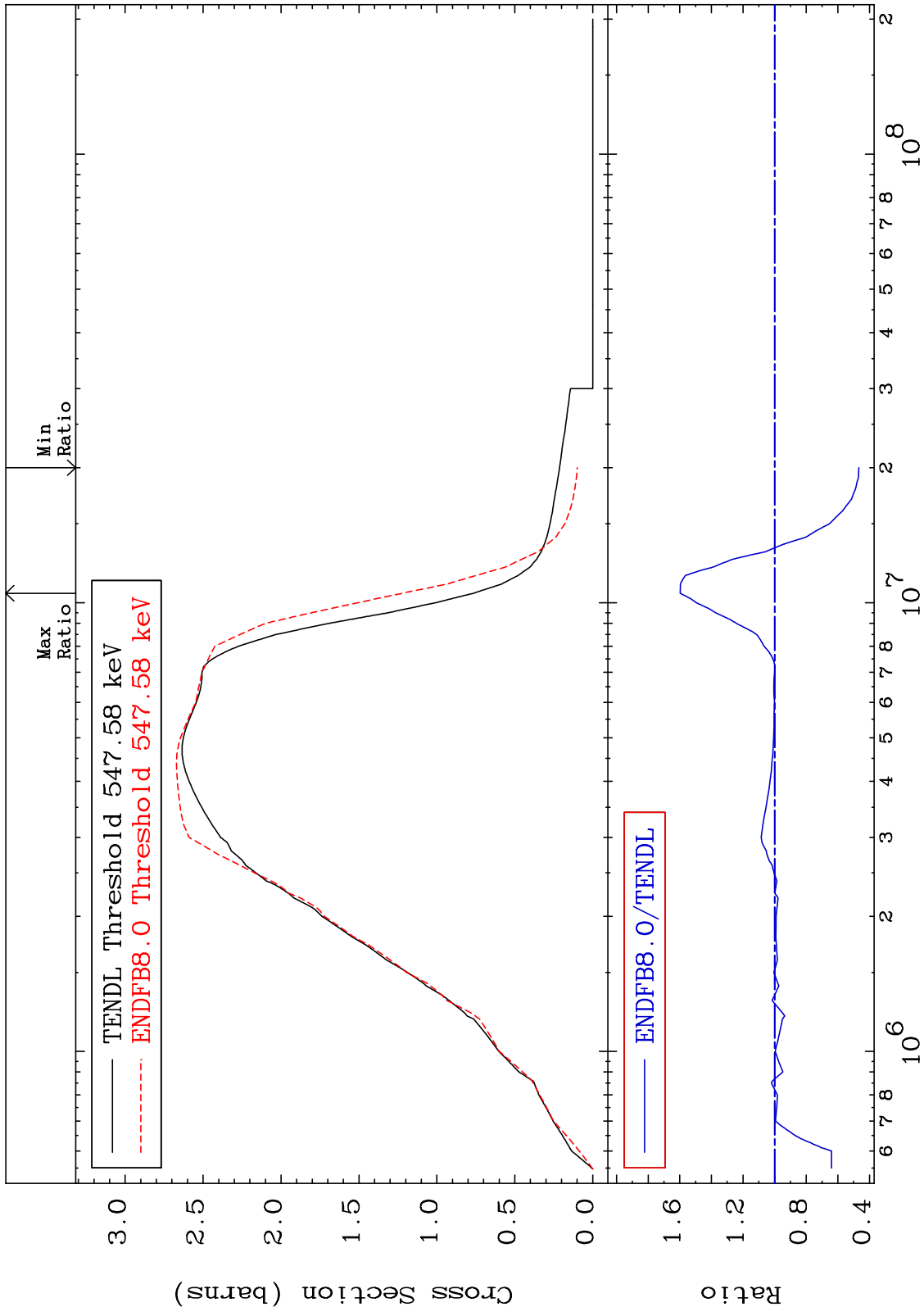
84-Po-209

MAT 8434

Inelastic
Cross Section

84-Po-209

-53.30 To 59.74 %

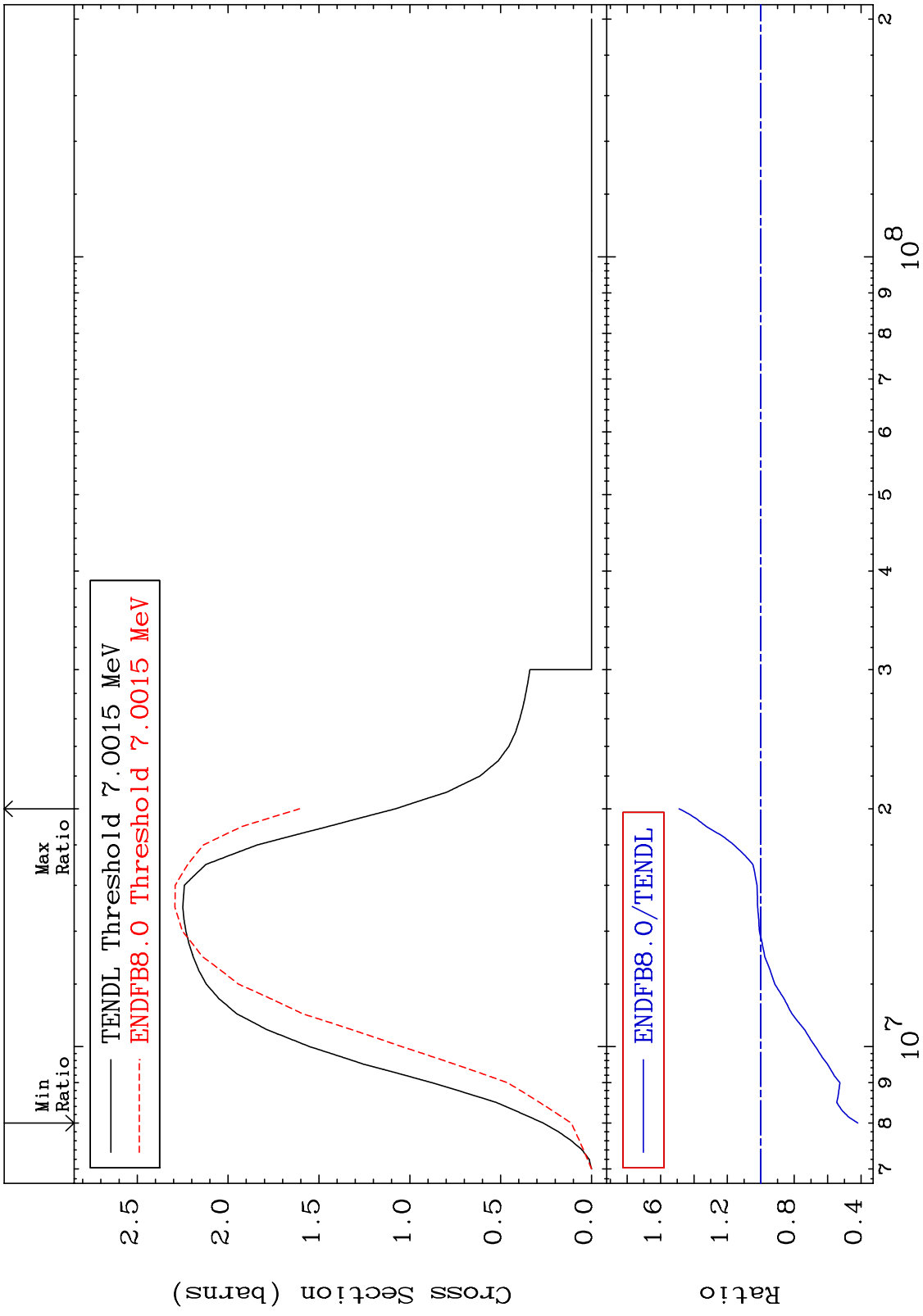


84-Po-209

Incident Energy (eV)

3

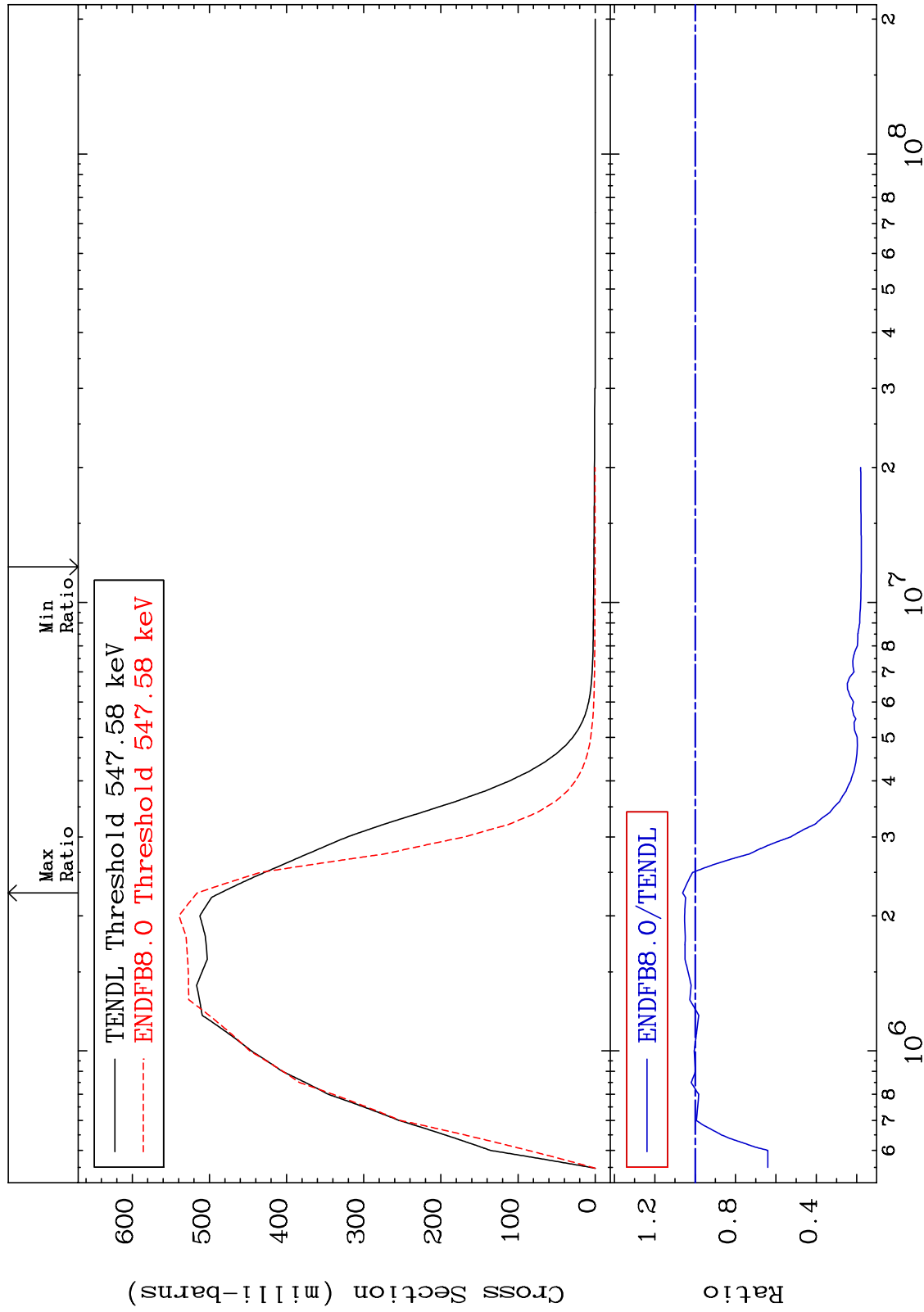
MAT 8434 (n,2n) Cross Section 84-Po-209 -58.05 To 48.93 %



MAT 8434

MT= 51 (n,n') Level
Cross Section

84-Po-209
-82.26 To 6.191 %

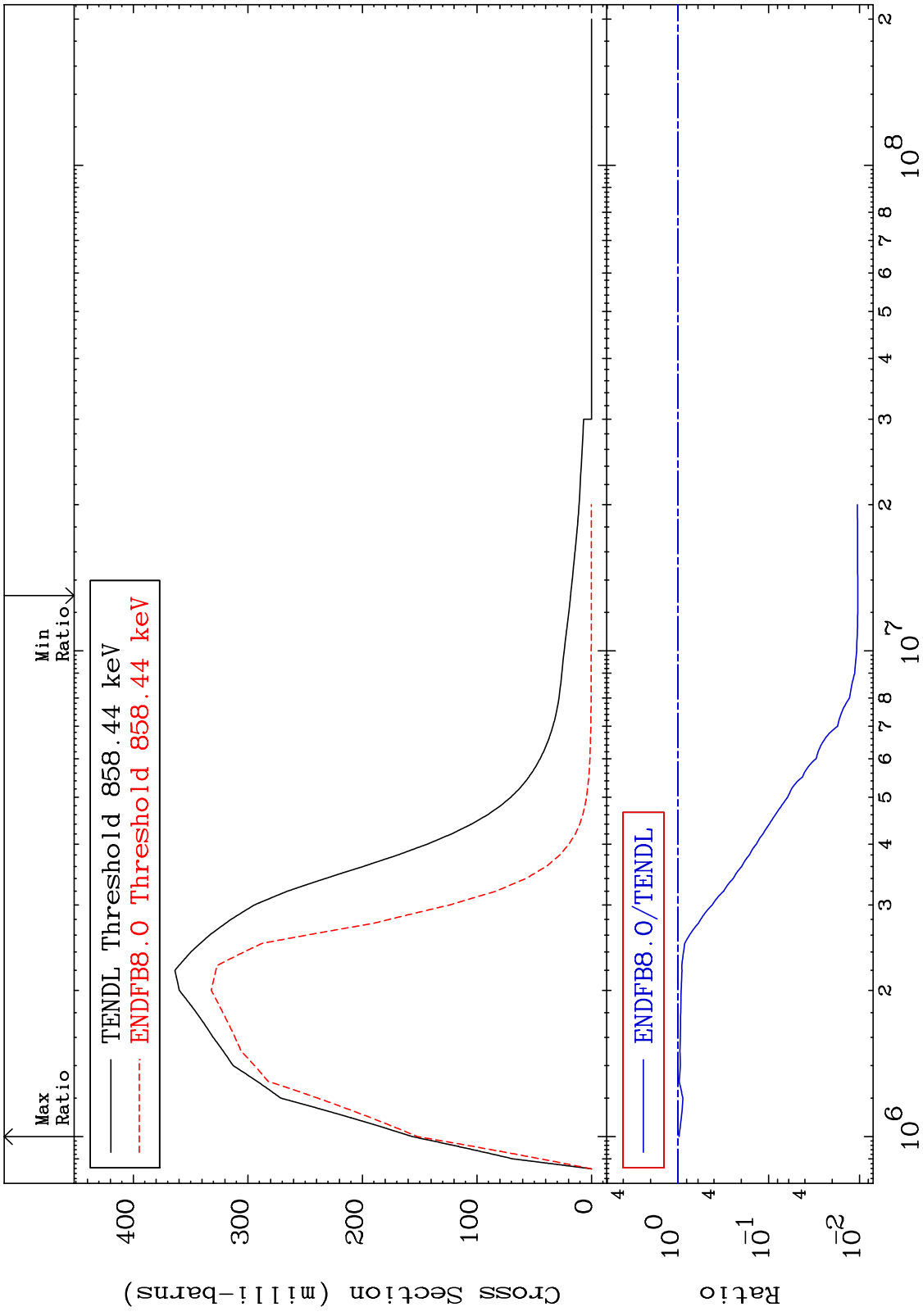


5

Incident Energy (eV)

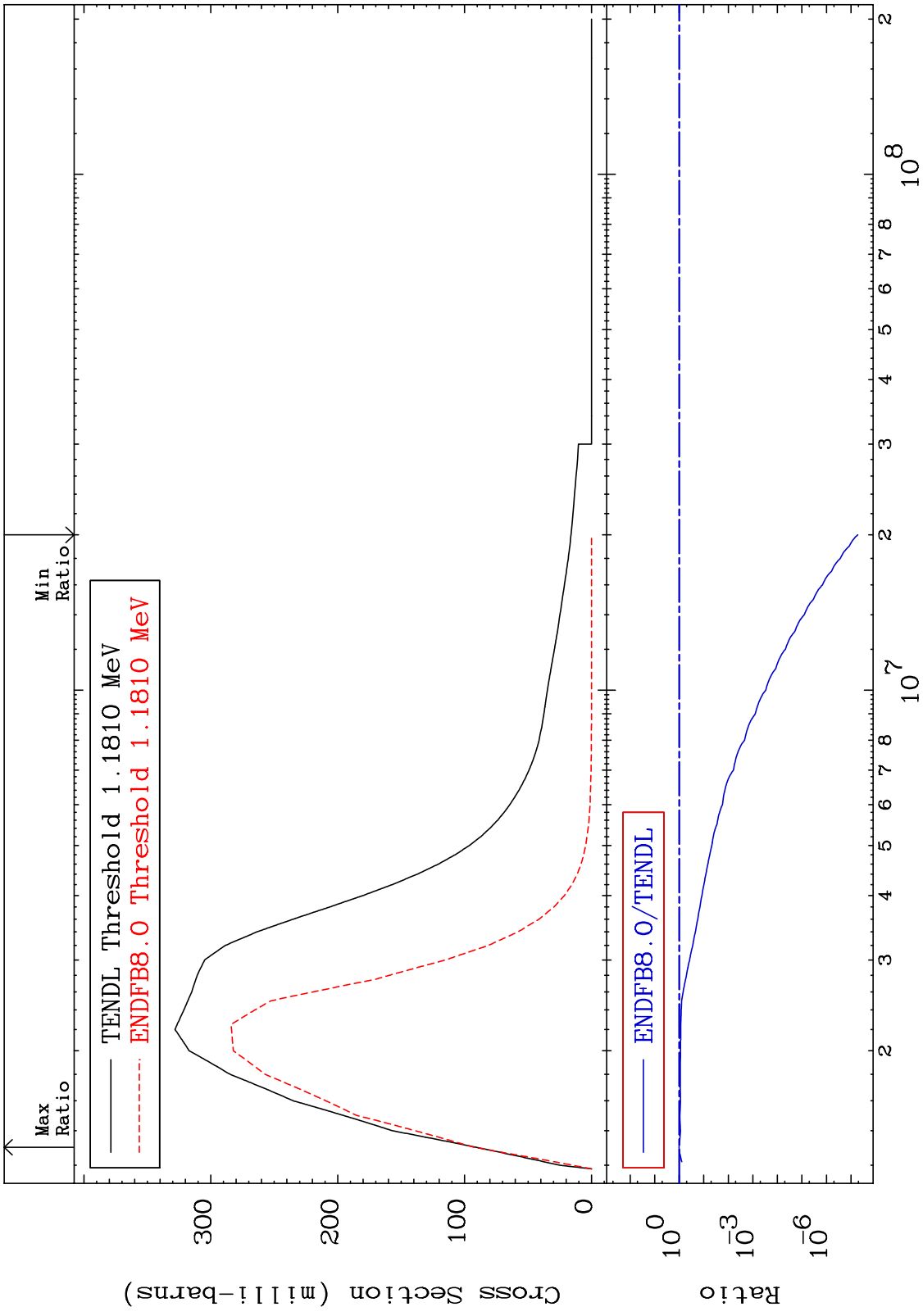
84-Po-209

MAT 8434 MT= 52 (n,n') Level Cross Section 84-Po-209 -98.96 To -2.805%

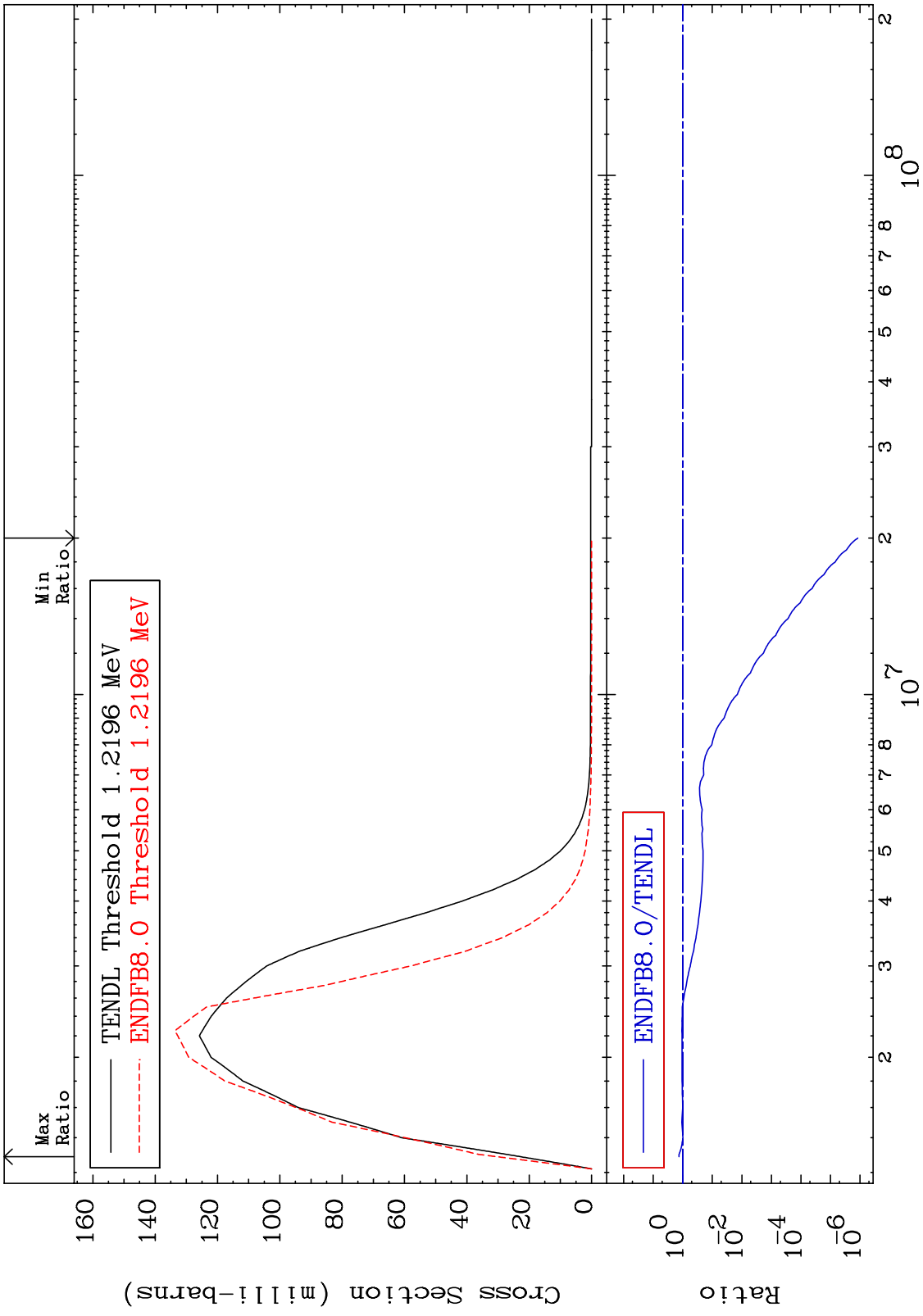


6 Incident Energy (eV) 84-Po-209

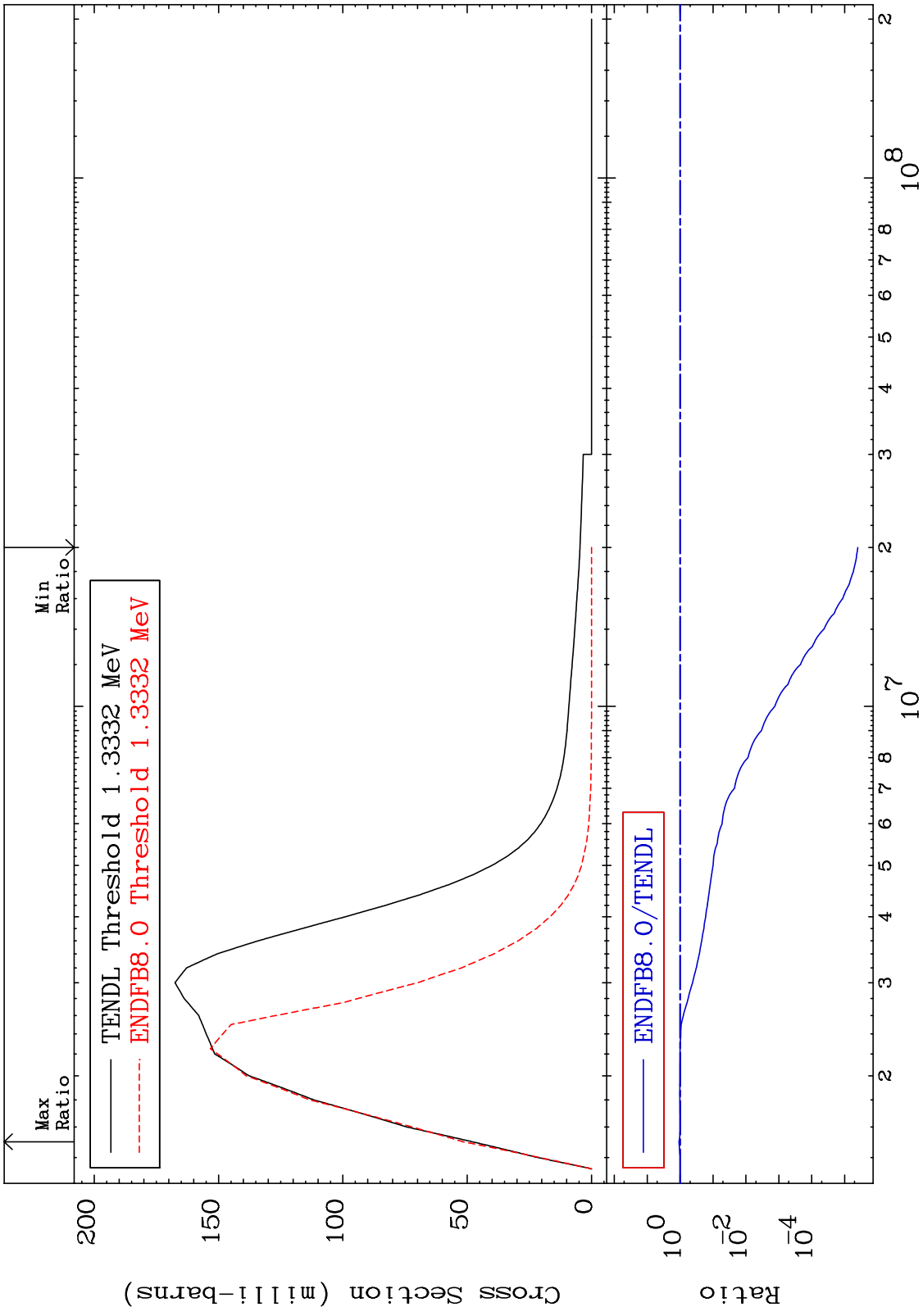
MAT 8434 MT= 53 (n,n') Level Cross Section 84-Po-209 -100.0 To 1.723 %



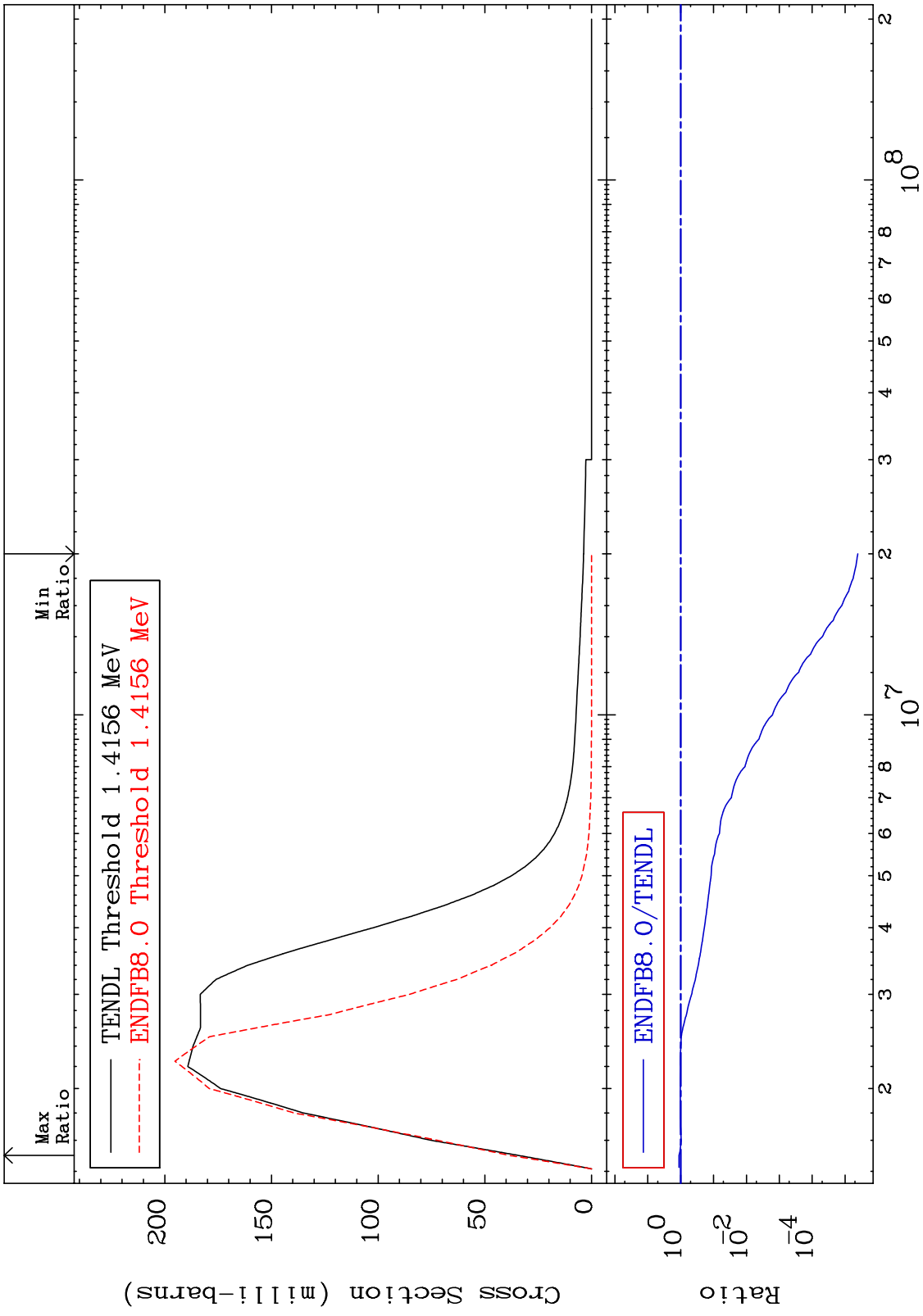
MAT 8434 MT= 54 (n,n') Level Cross Section 84-Po-209
 -100.0 To 33.23 %



MAT 8434 MT= 55 (n,n') Level Cross Section 84-Po-209 -100.0 To 7.772 %

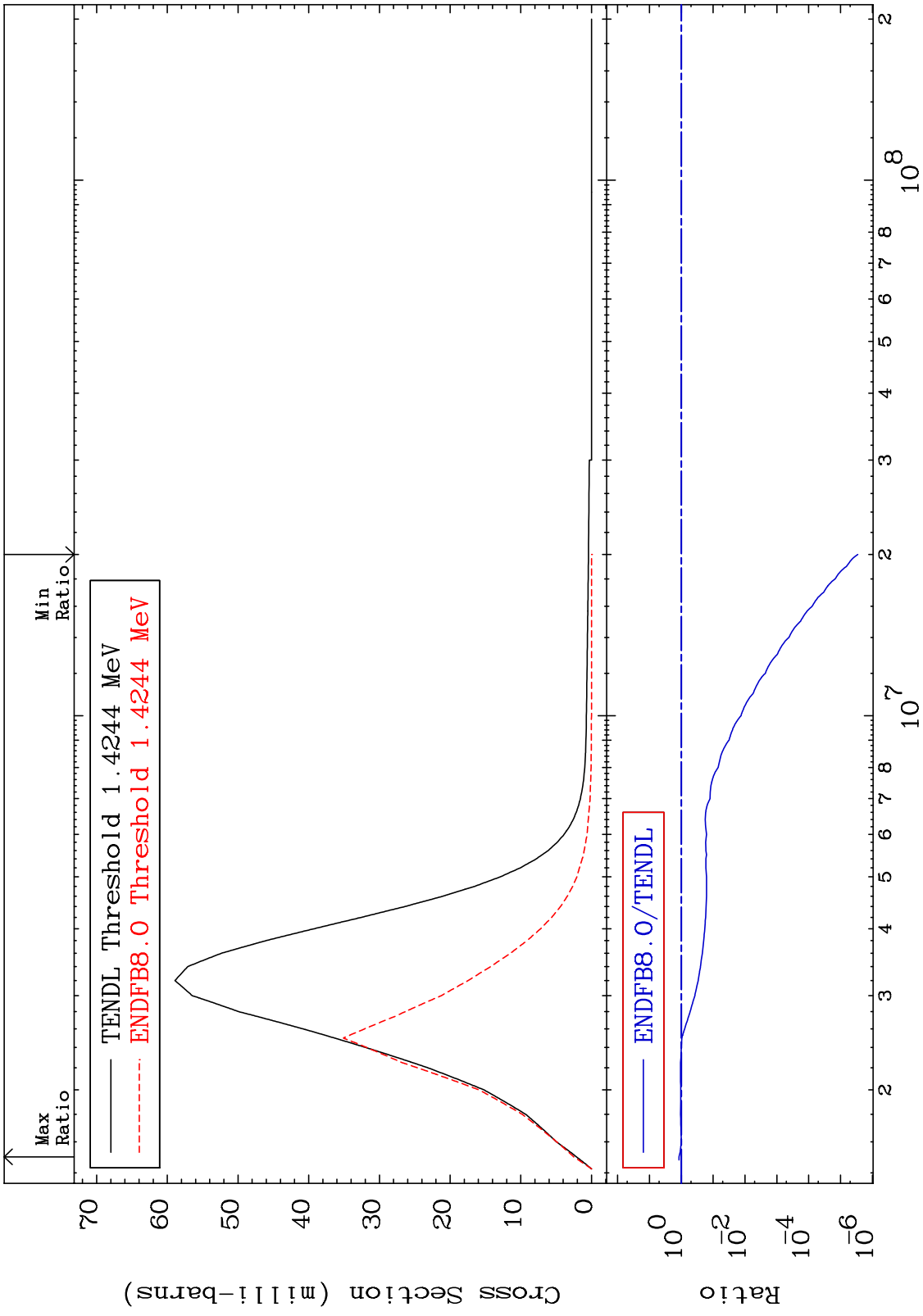


MAT 8434 MT= 56 (n,n') Level Cross Section 84-Po-209 -100.0 To 12.16 %

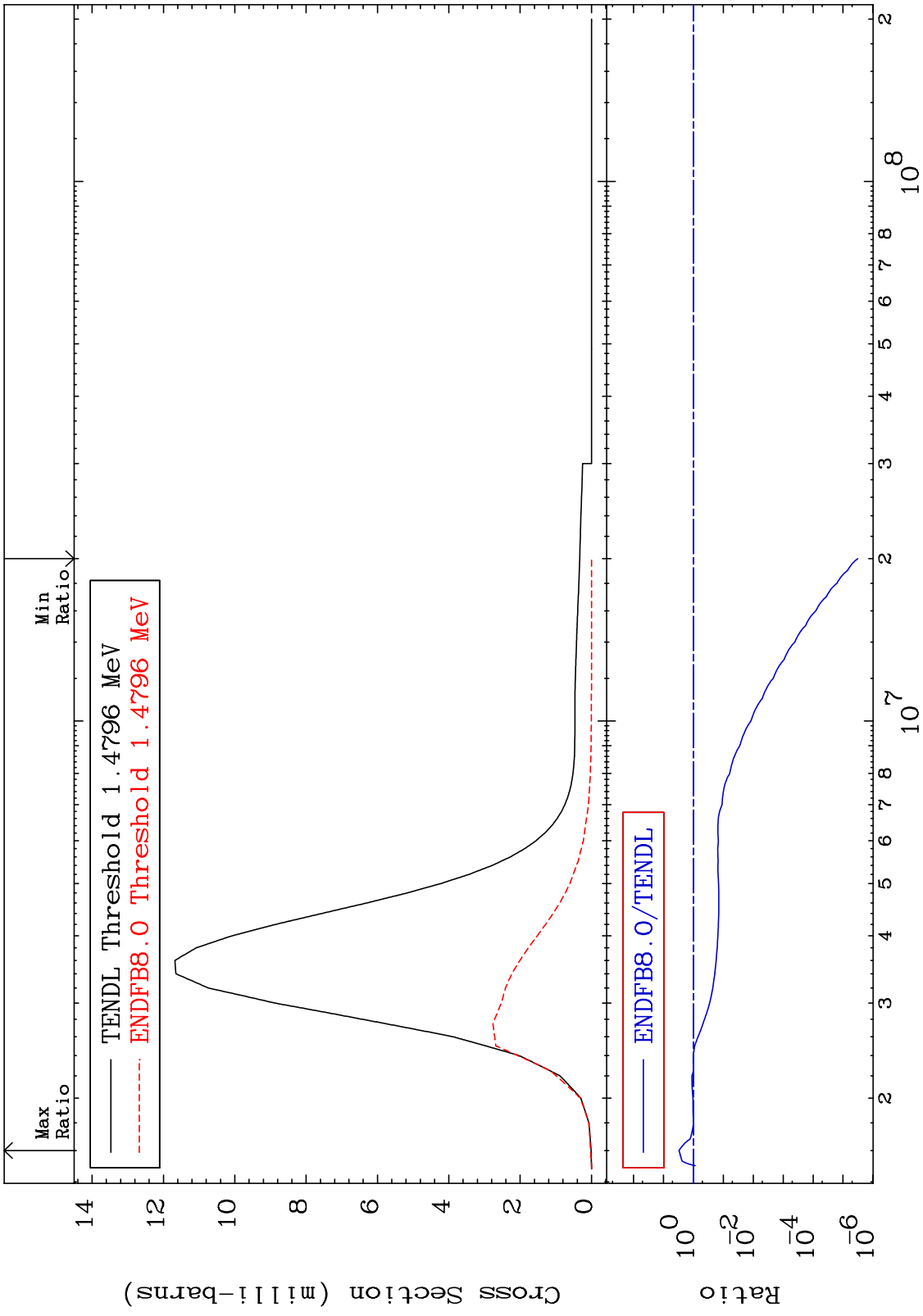


10 84-Po-209

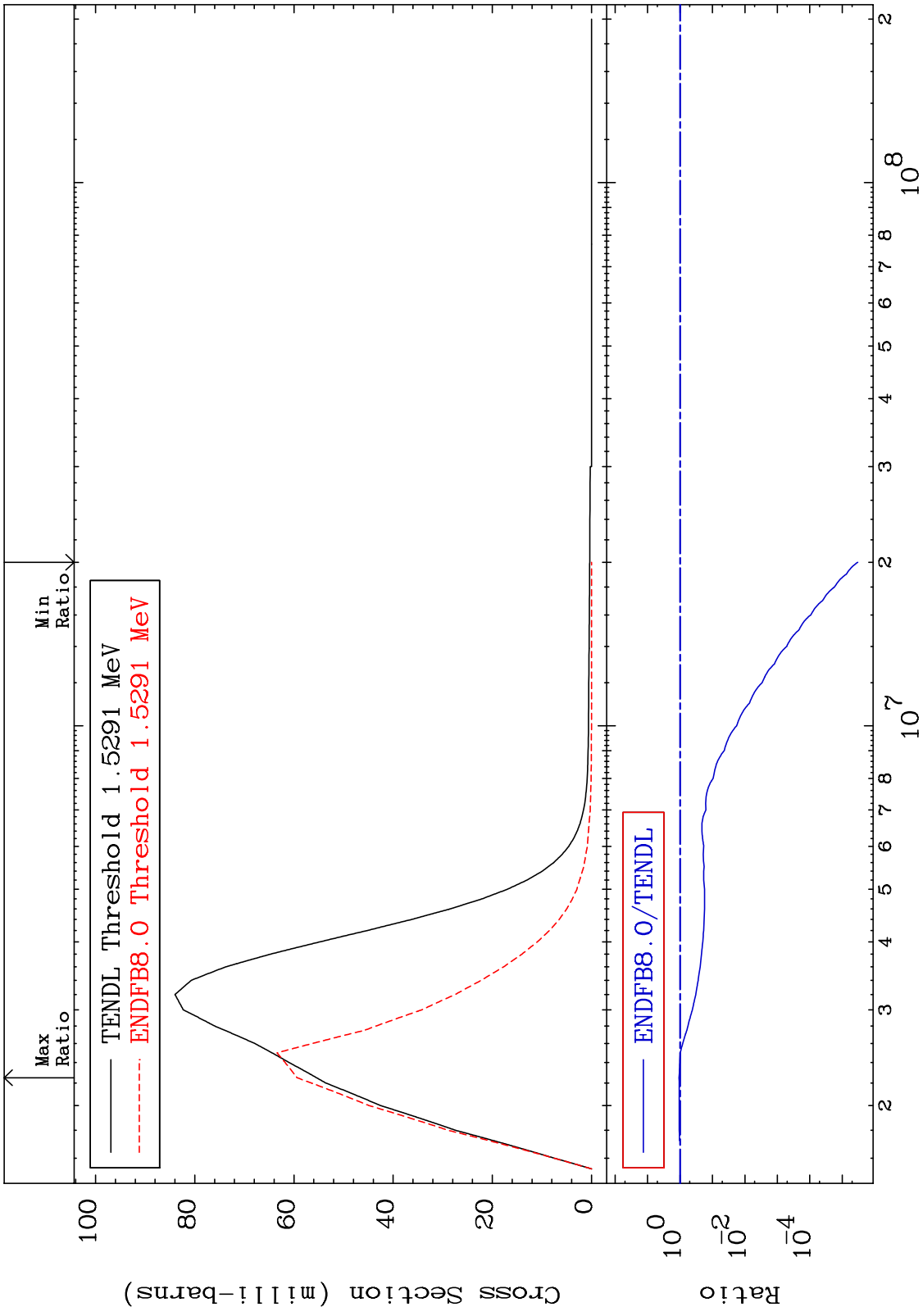
MAT 8434 MT= 57 (n,n') Level Cross Section 84-Po-209 -100.0 To 17.83 %



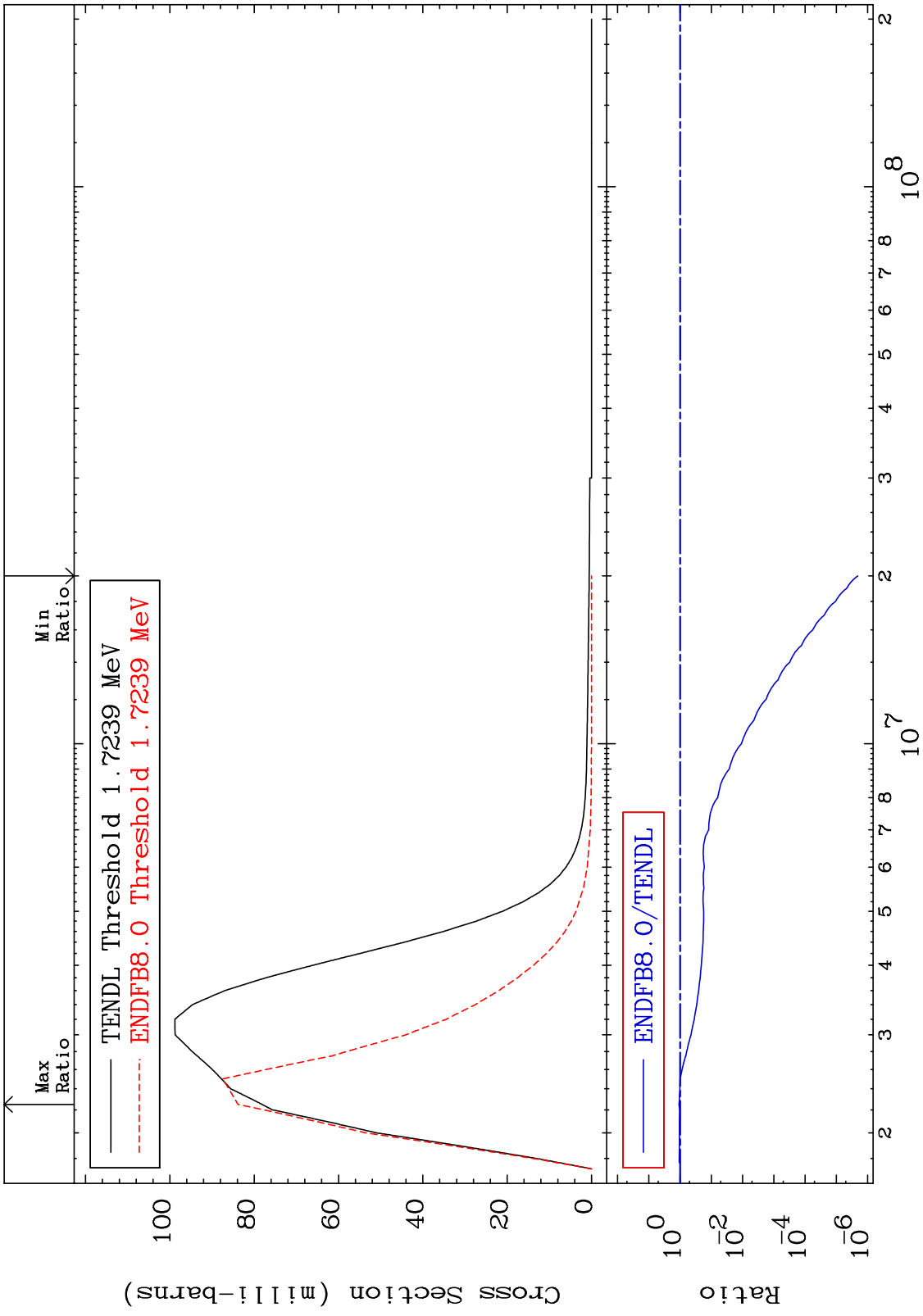
MAT 8434 MT= 58 (n,n') Level Cross Section 84-Po-209 -100.0 To 200.2 %



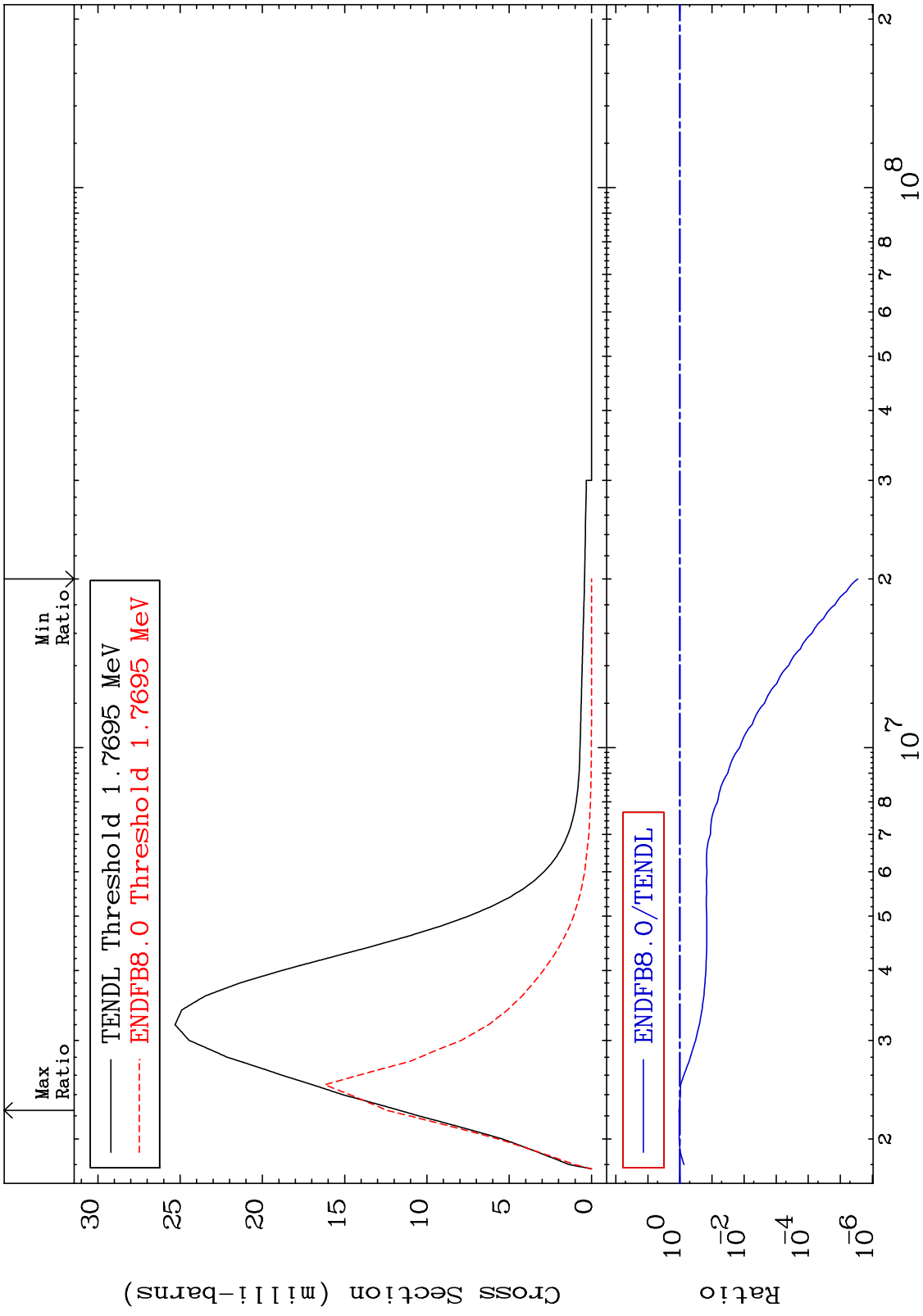
MAT 8434 MT= 59 (n,n') Level Cross Section 84-Po-209 -100.0 To 7.083 %



MAT 8434 MT= 60 (n,n') Level Cross Section 84-Po-209
 -100.0 To 7.313 %



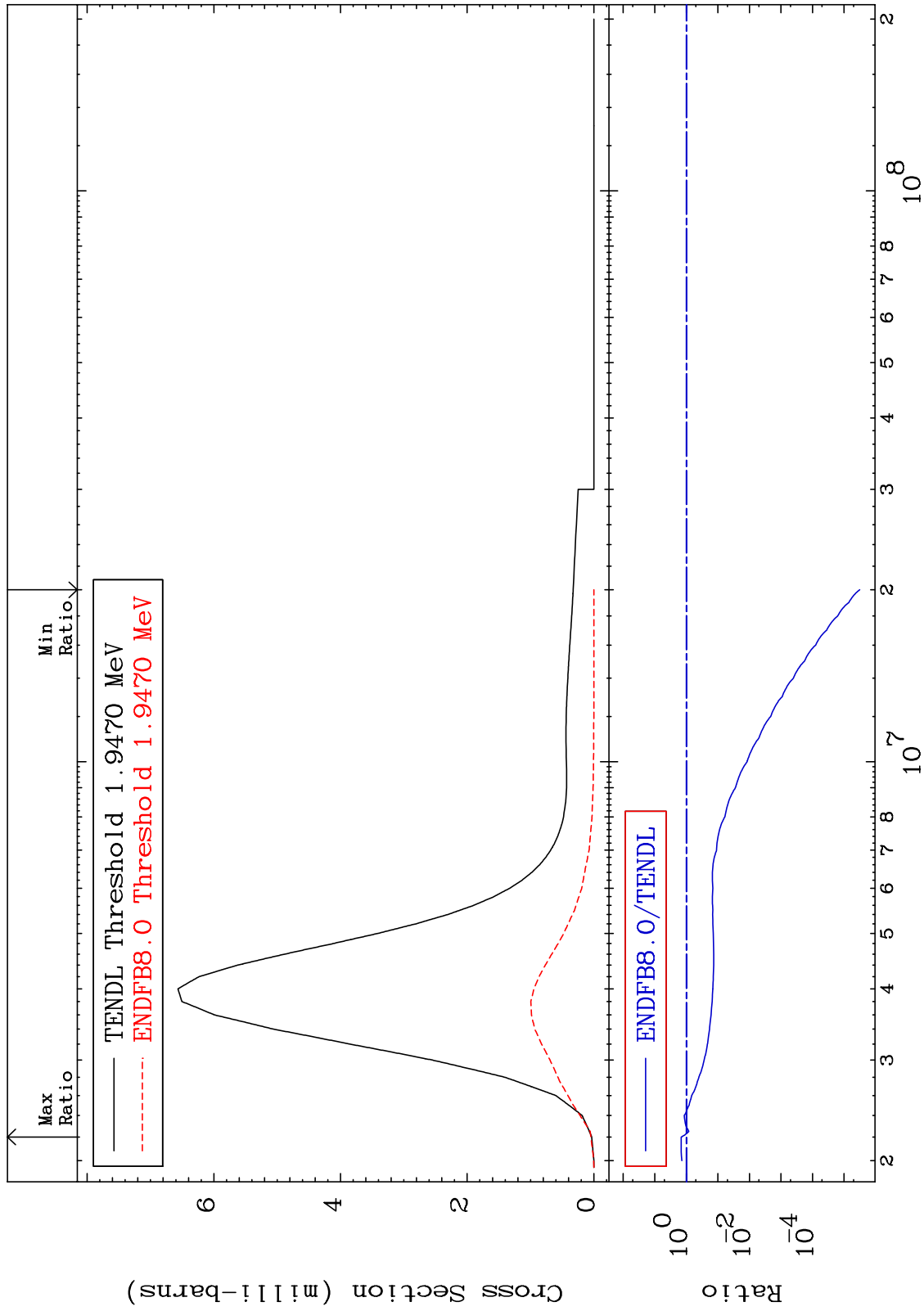
MAT 8434 MT= 61 (n,n') Level Cross Section 84-Po-209 -100.0 To 6.501 %



MAT 8434

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

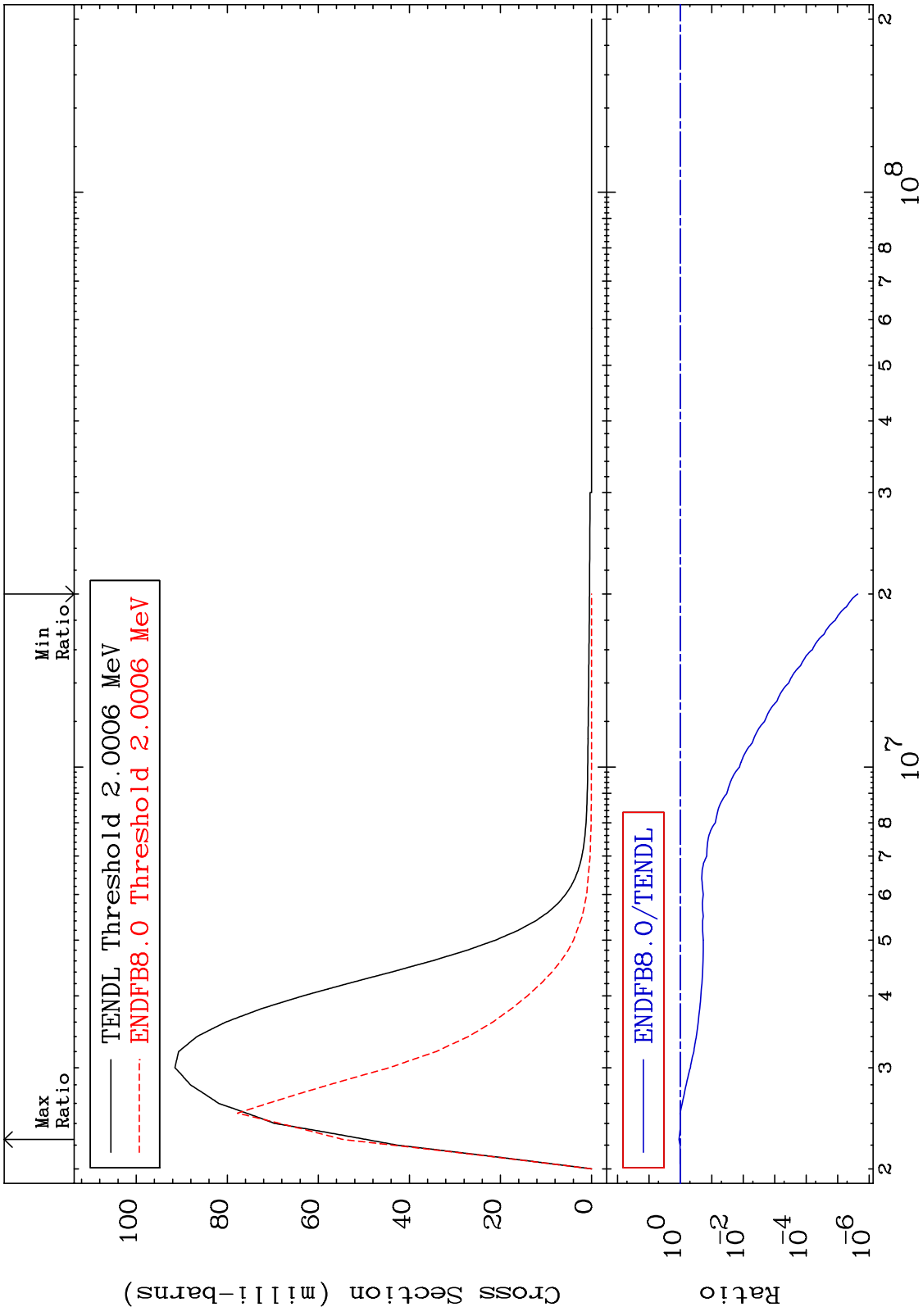
84-Po-209
-100.0 To 44.84 %



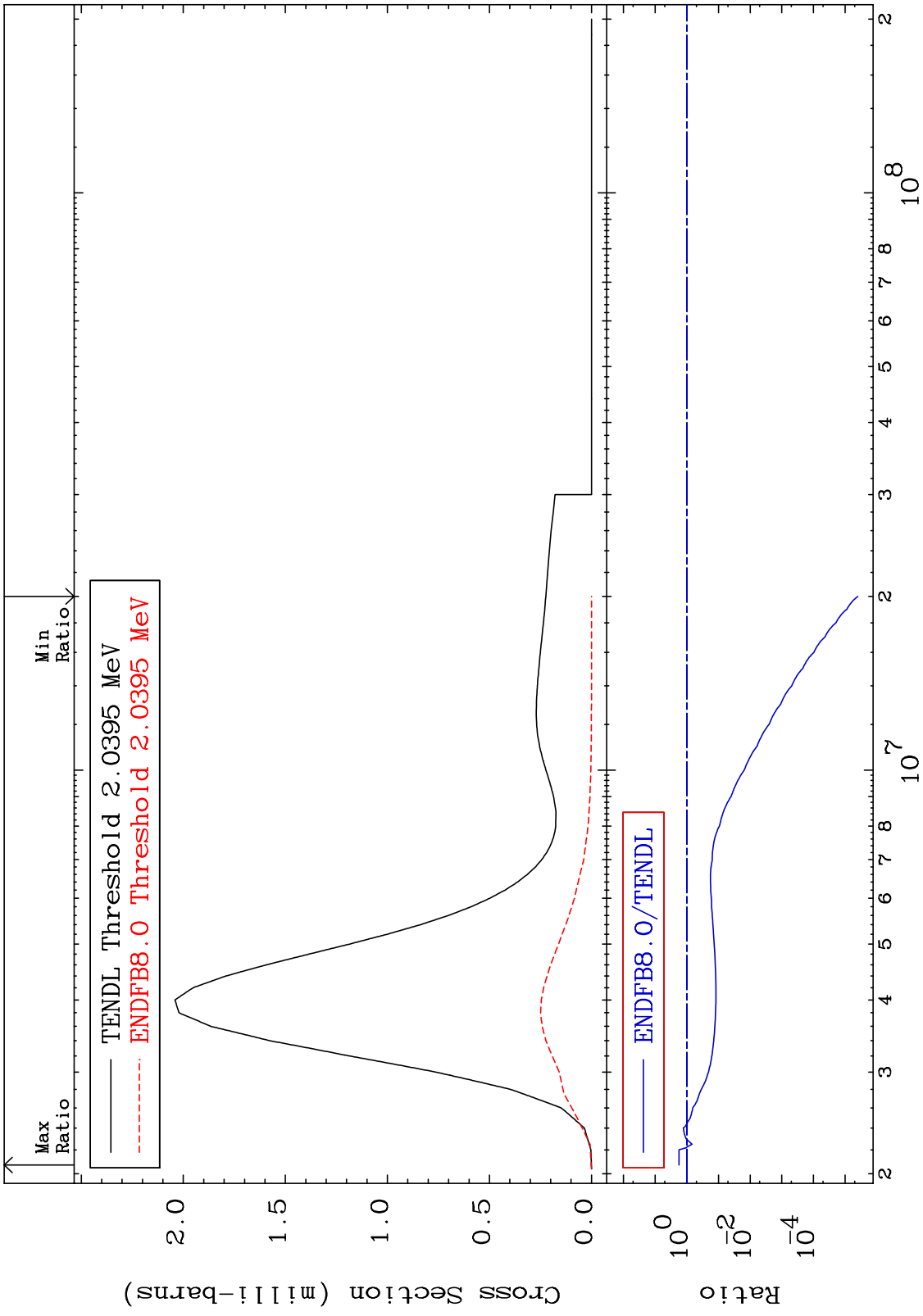
16

84-Po-209

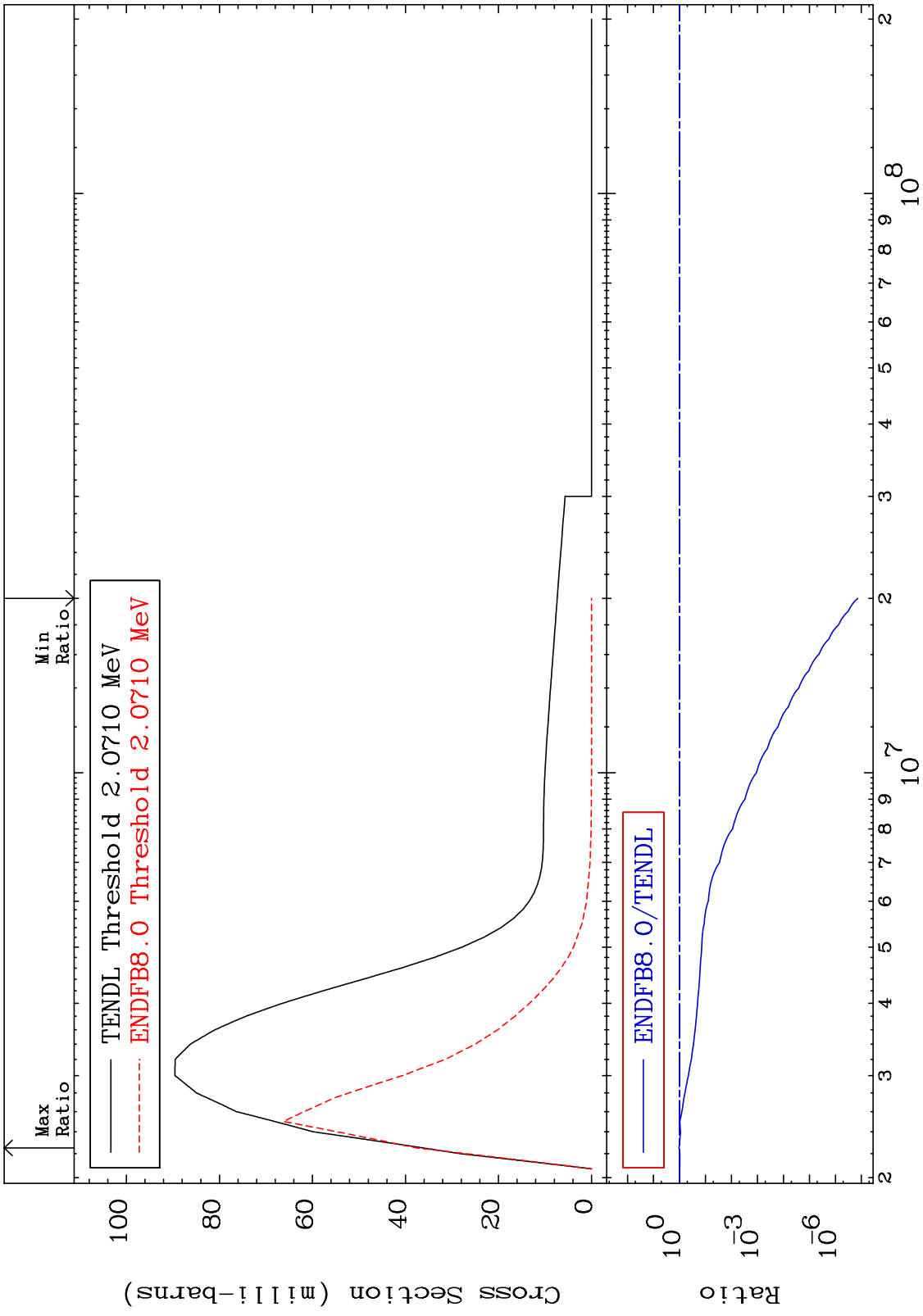
MAT 8434 MT= 63 (n,n') Level Cross Section -100.0 To 10.33 % 84-Po-209



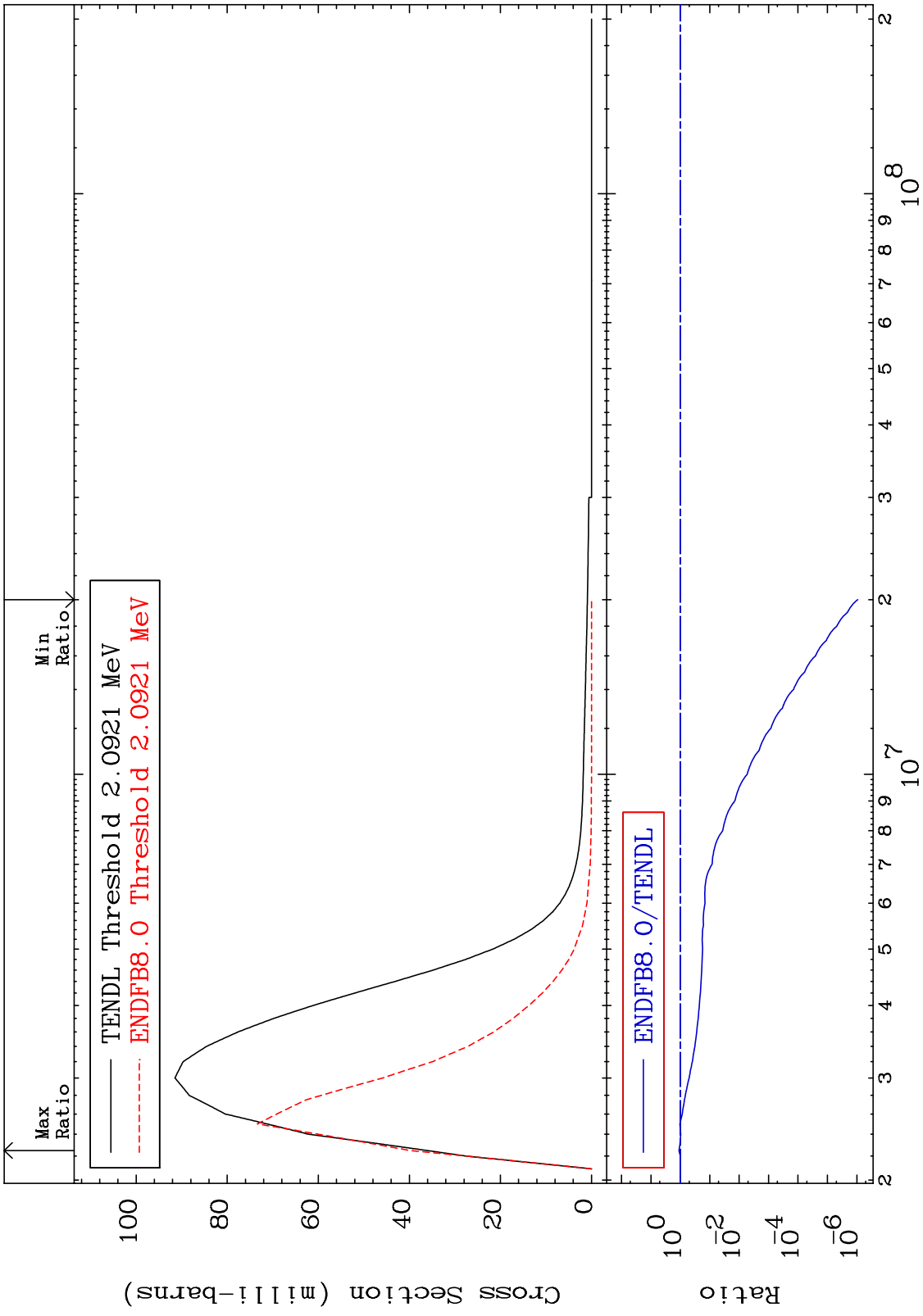
MAT 8434 MT= 64 (n,n') Level Cross Section 84-Po-209 -100.0 To 76.19 %



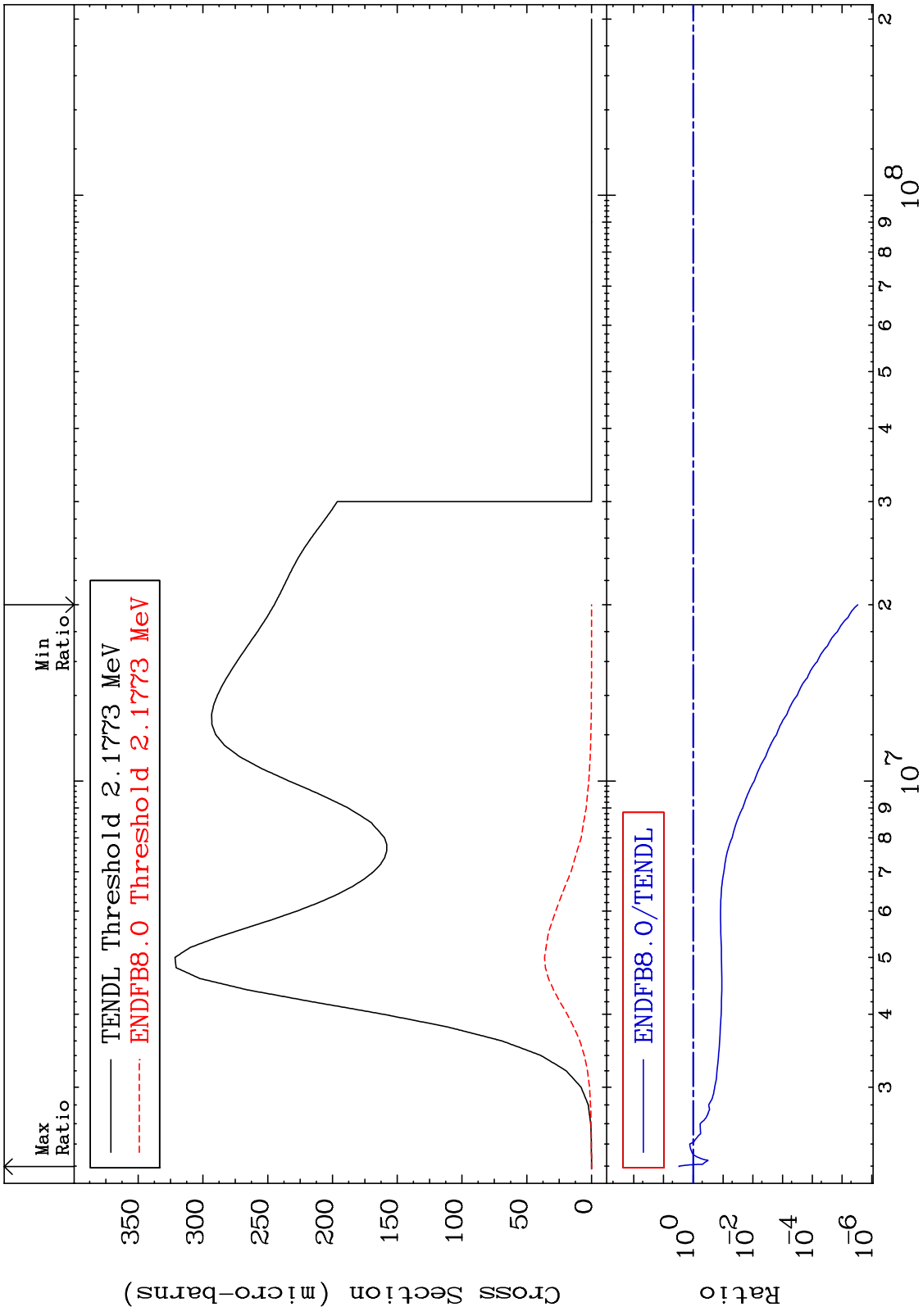
MAT 8434 MT= 65 (n,n') Level Cross Section 84-Po-209
 -100.0 To 3.846 %



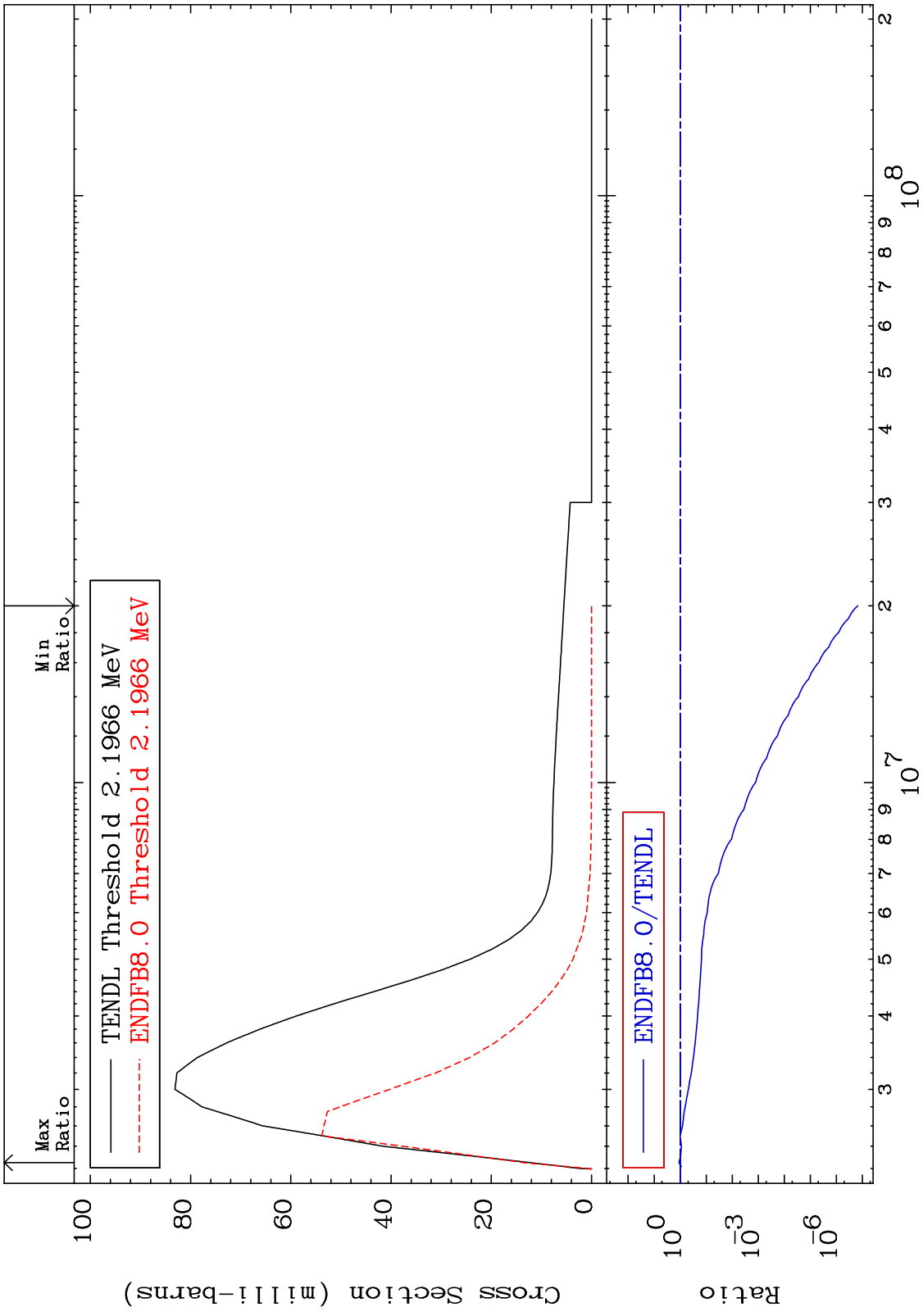
MAT 8434 MT= 66 (n,n') Level Cross Section 84-Po-209 -100.0 To 10.43 %



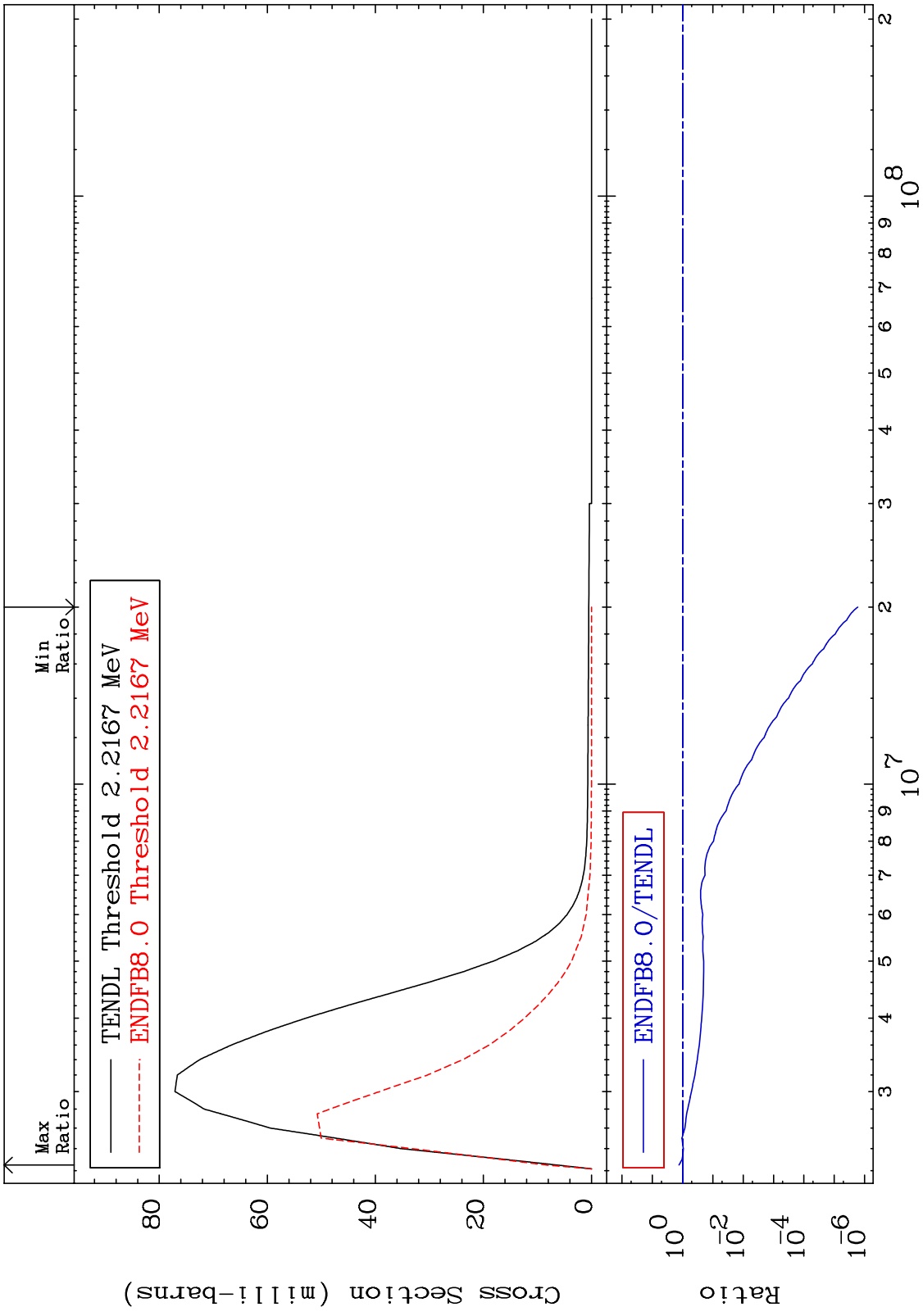
MAT 8434 MT= 67 (n,n') Level Cross Section 84-Po-209 -100.0 To 200.5 %



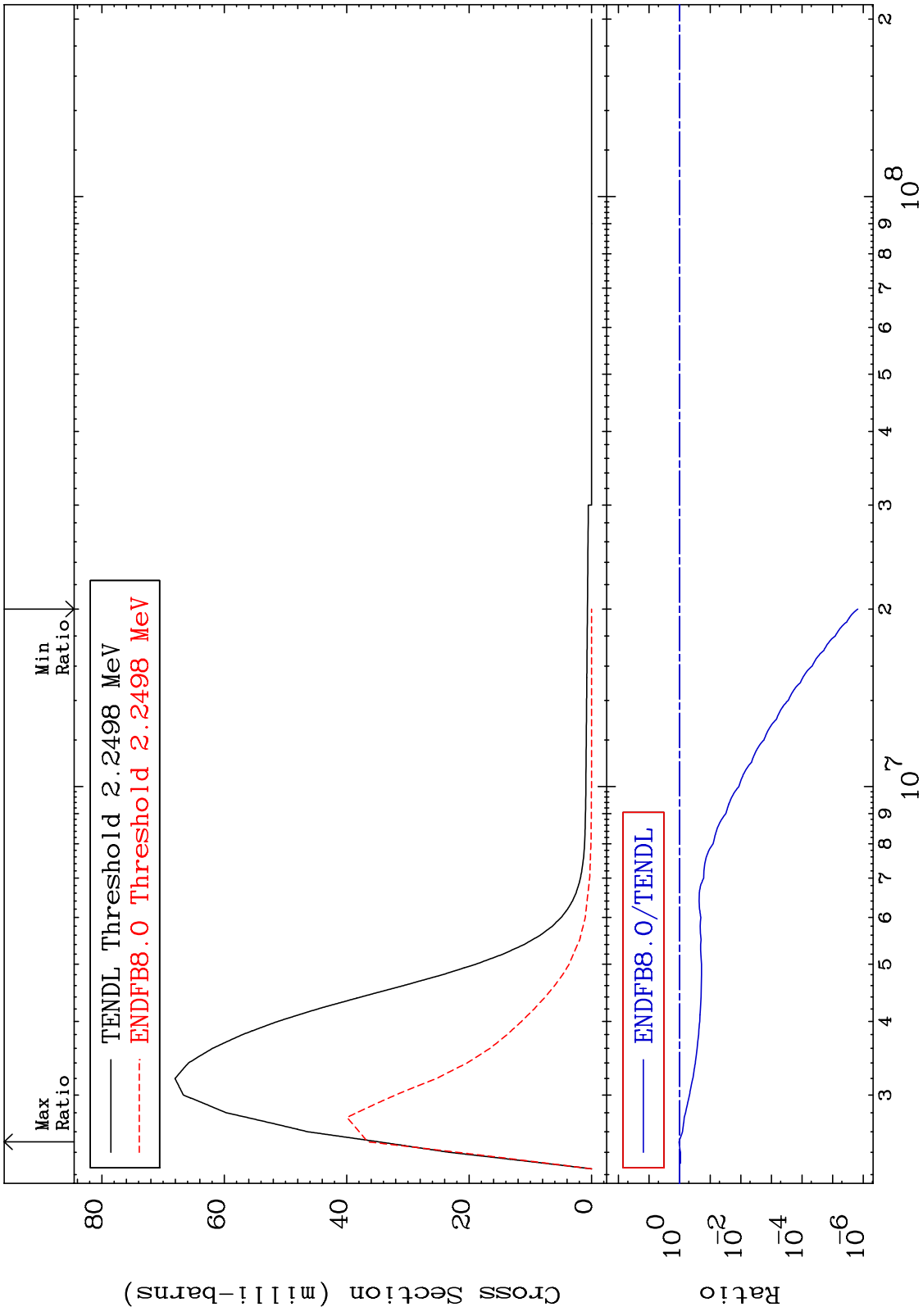
MAT 8434 MT= 68 (n,n') Level Cross Section 84-Po-209 -100.0 To 10.92 %



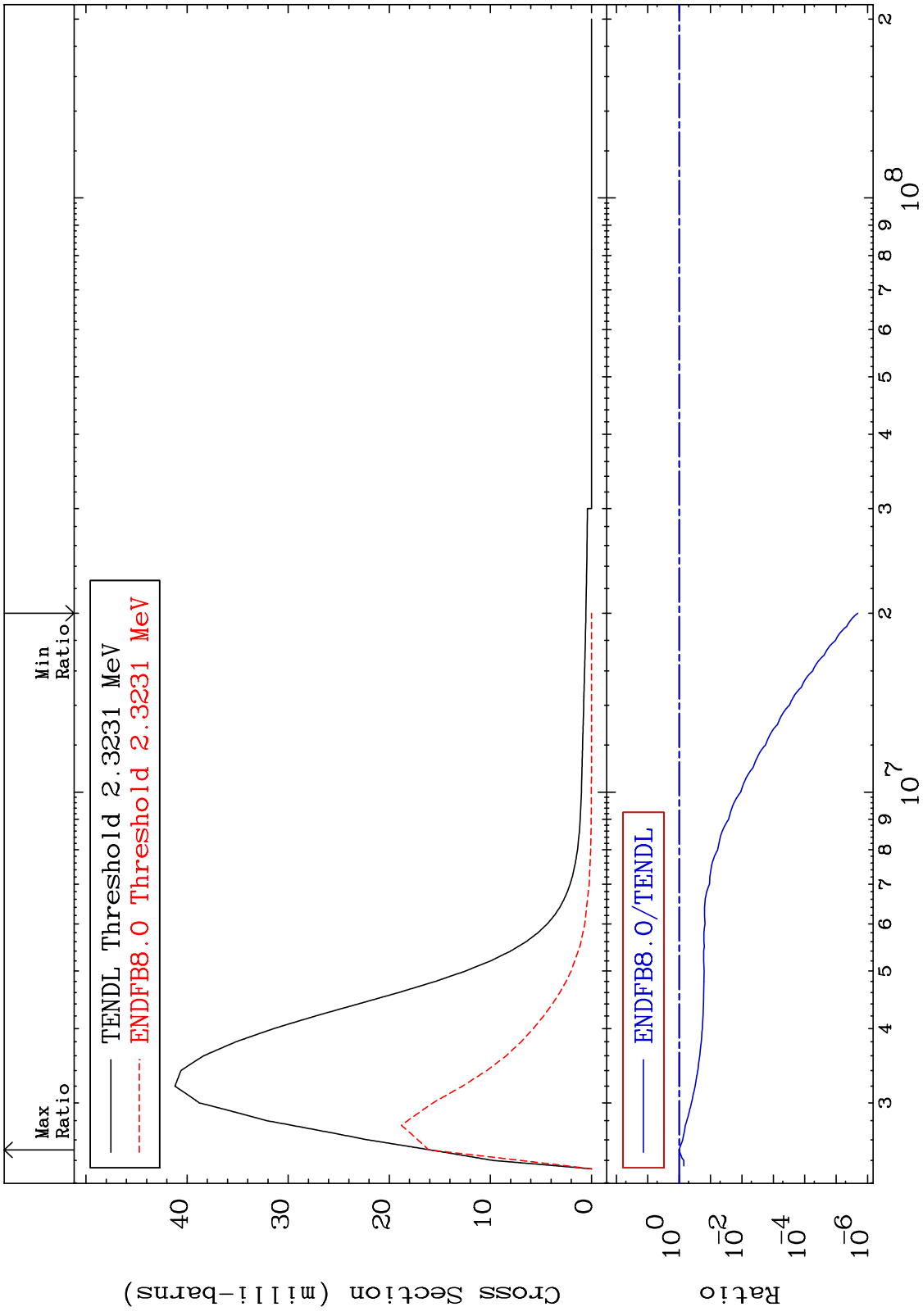
MAT 8434 MT= 69 (n,n') Level Cross Section 84-Po-209
 -100.0 To 31.37 %



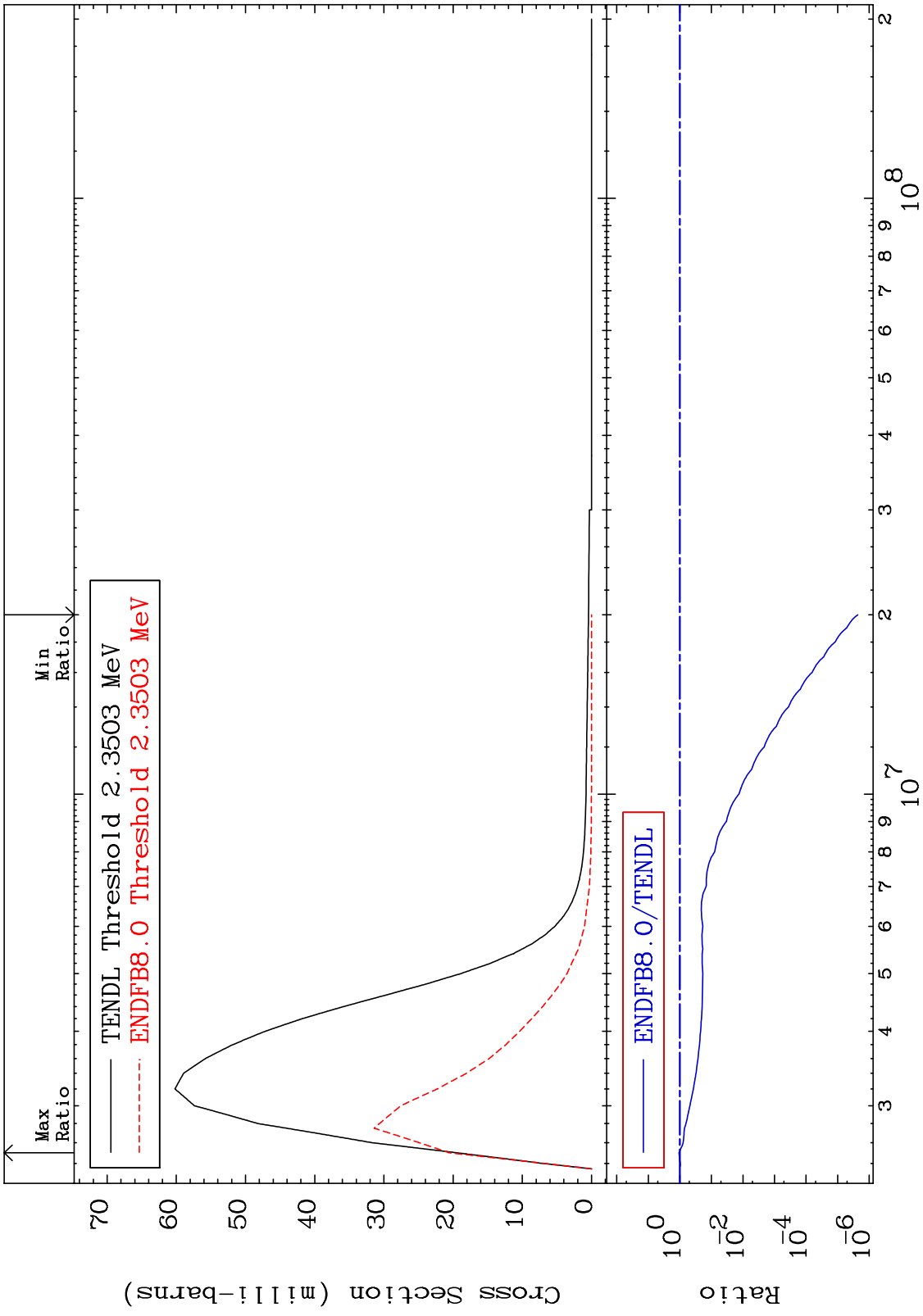
MAT 8434 MT= 70 (n,n') Level Cross Section 84-Po-209
 -100.0 To 5.084 %



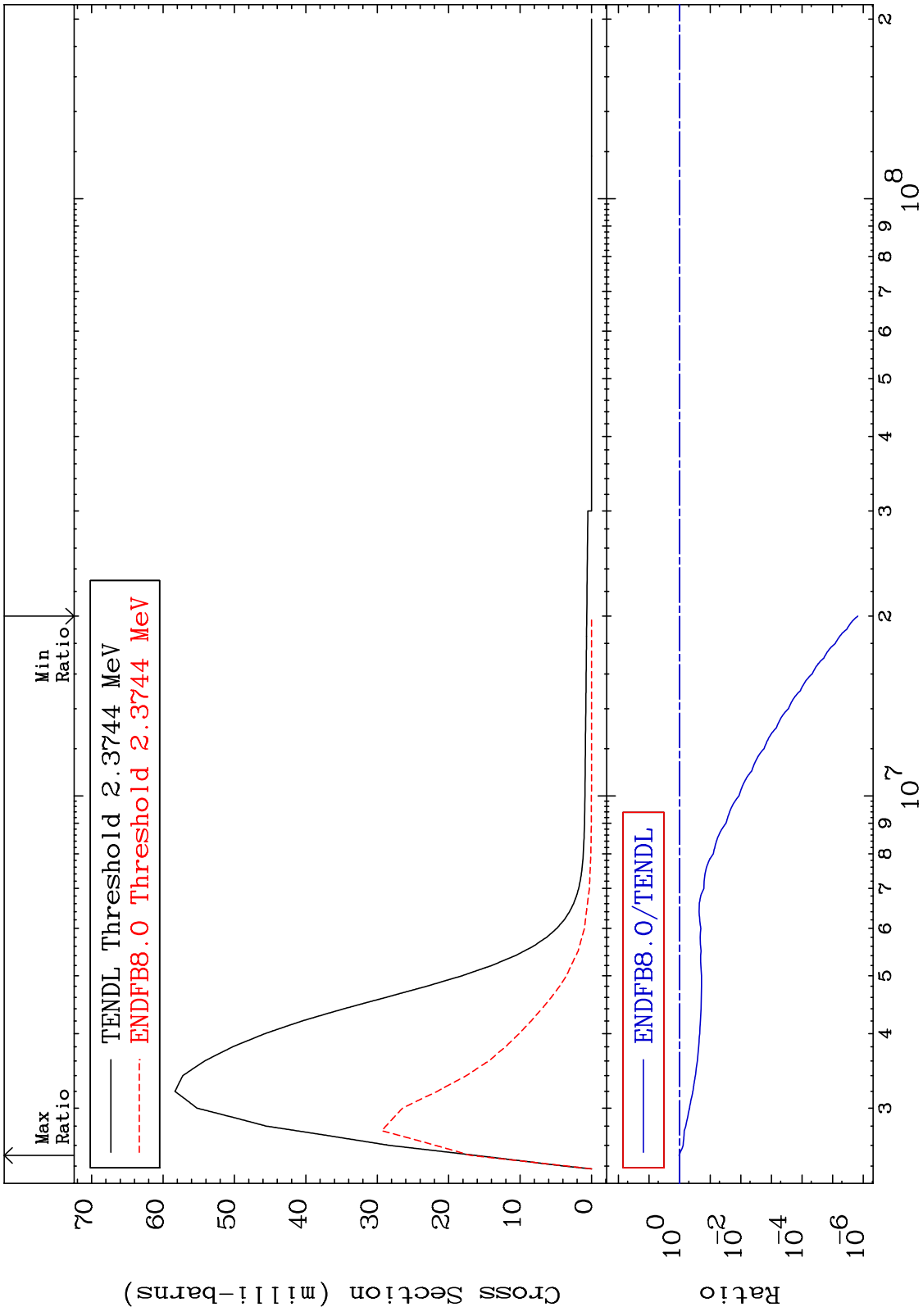
MAT 8434 MT= 71 (n,n') Level Cross Section 84-Po-209 -100.0 To 0.883 %



MAT 8434 MT= 72 (n,n') Level Cross Section 84-Po-209 -100.0 To 5.917 %



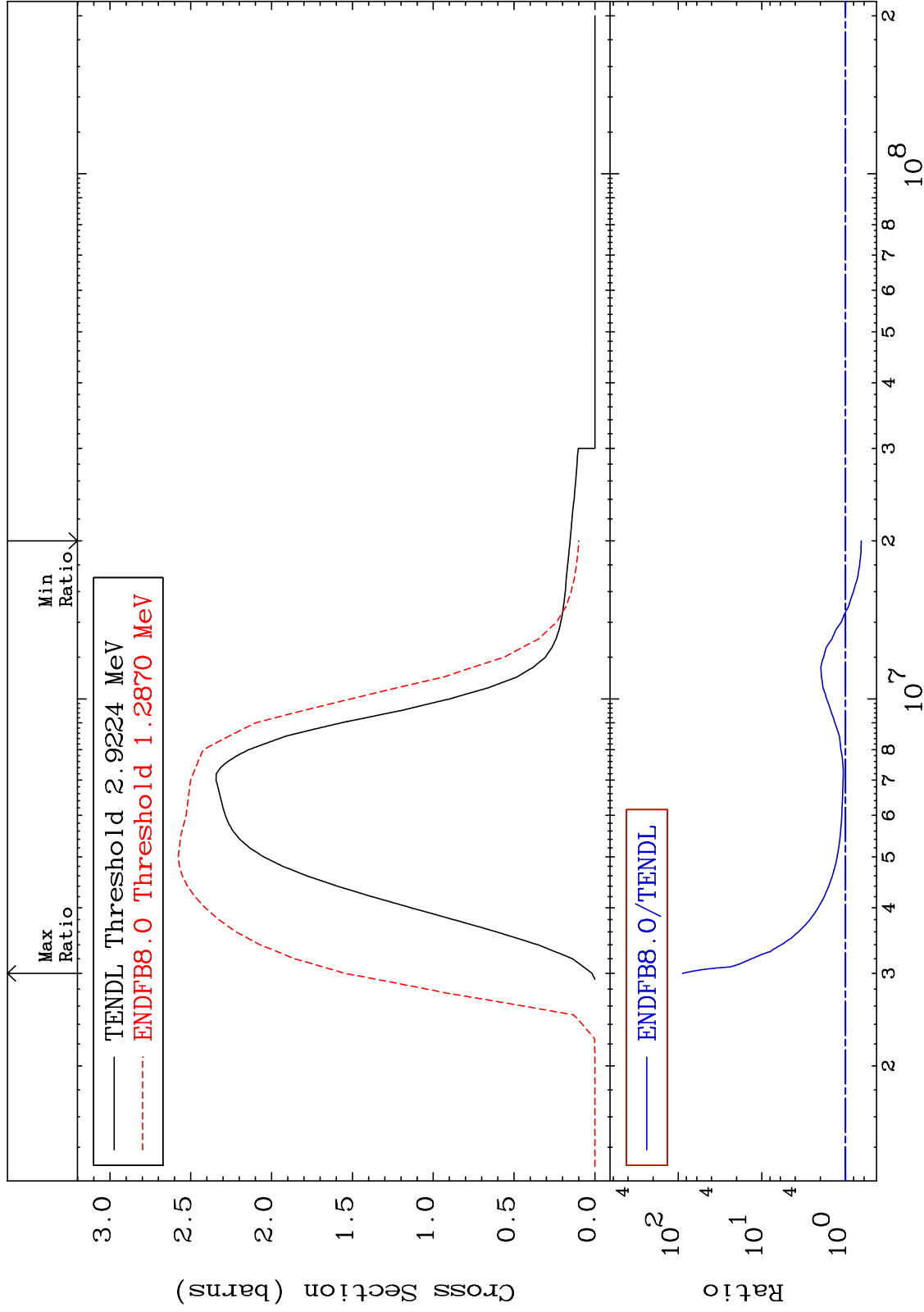
MAT 8434 MT= 73 (n,n') Level Cross Section 84-Po-209 -100.0 To 4.708 %



MAT 8434

(n, n') Continuum
Cross Section

84-Po-209
-35.36 To 8814. %

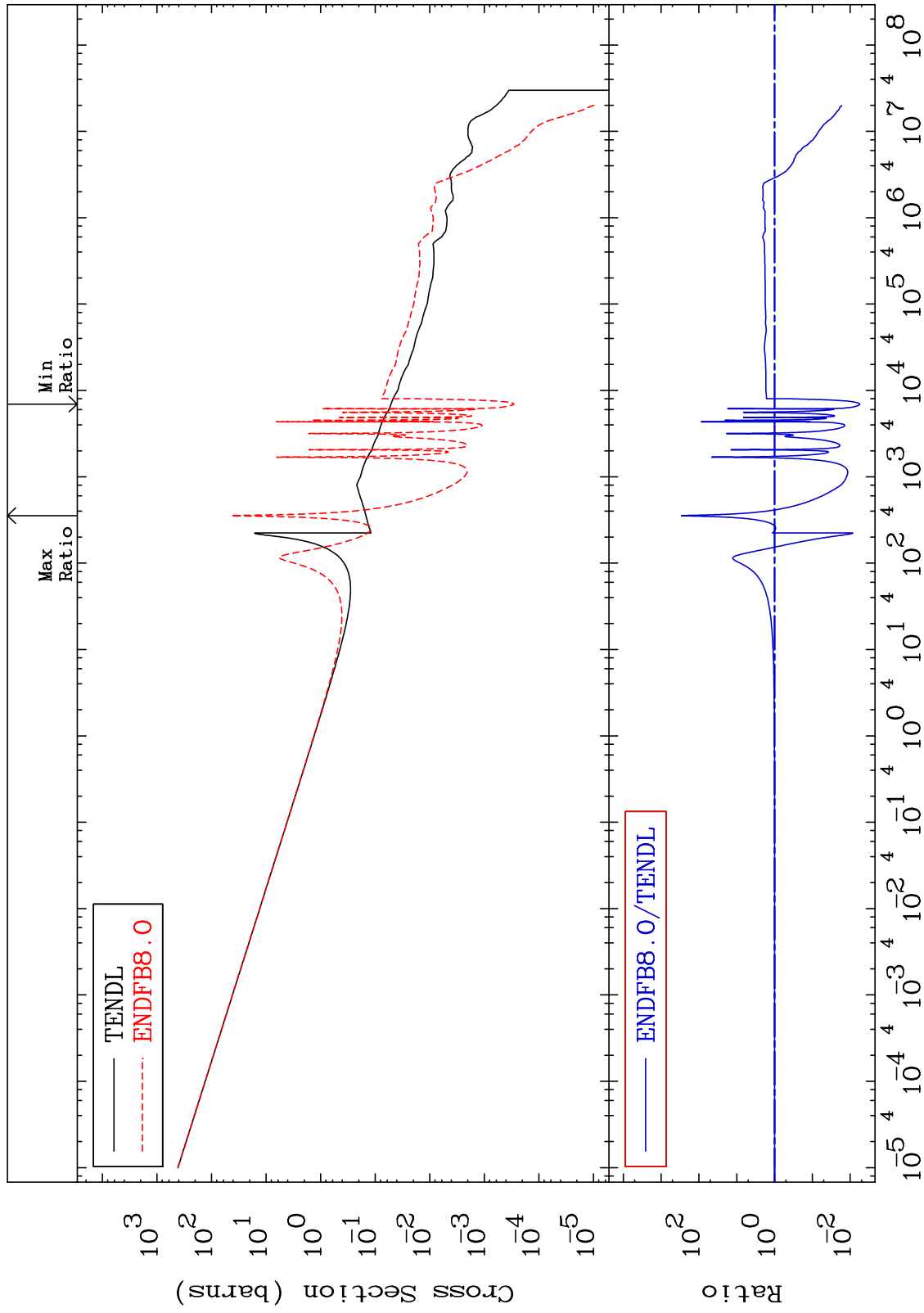


MAT 8434

(n, γ)

84-Po-209

-99.44 To 9999. %

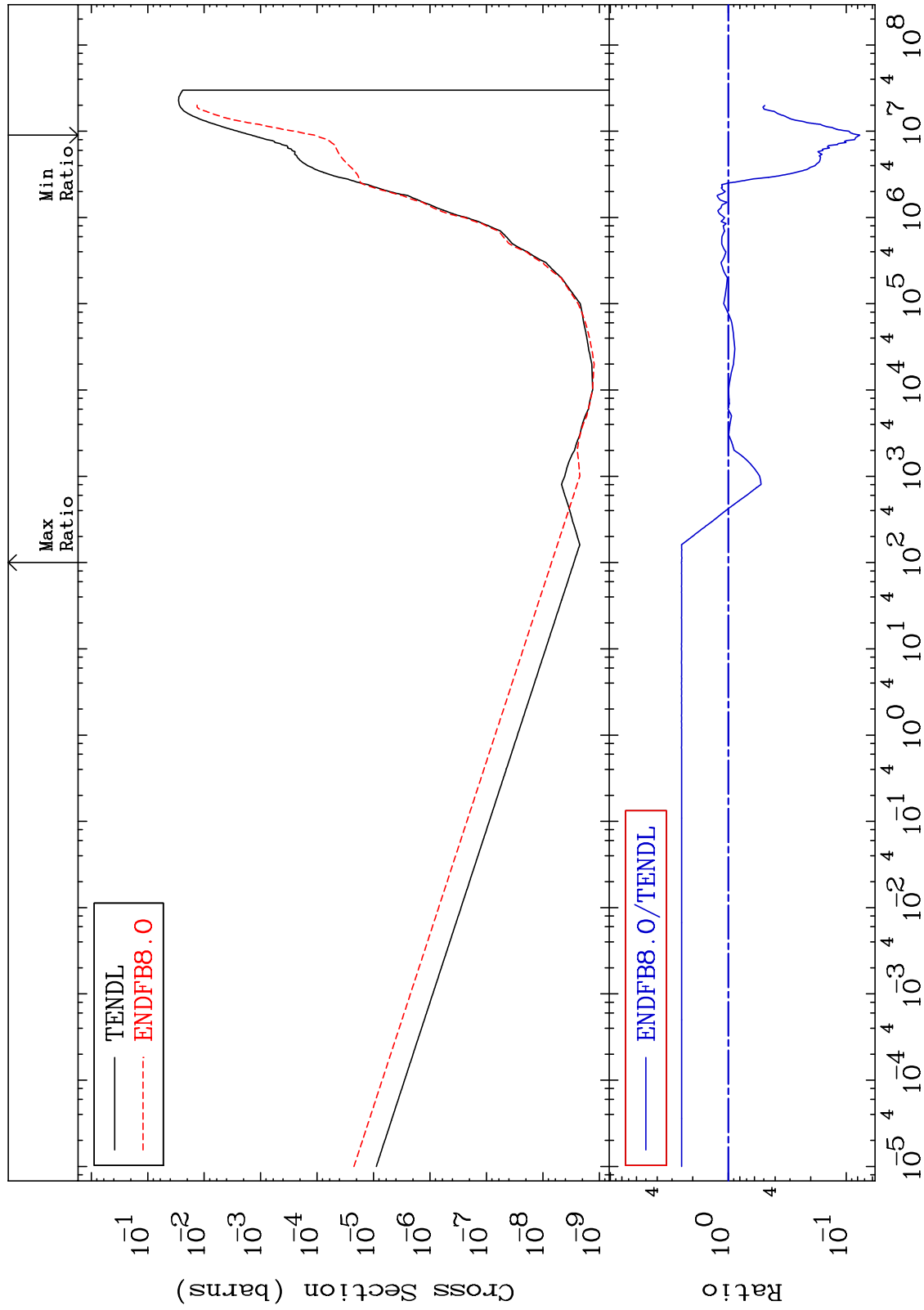


MAT 8434

(n,p)

Cross Section

84-Po-209
-92.33 To 149.5 %



30

Incident Energy (eV)

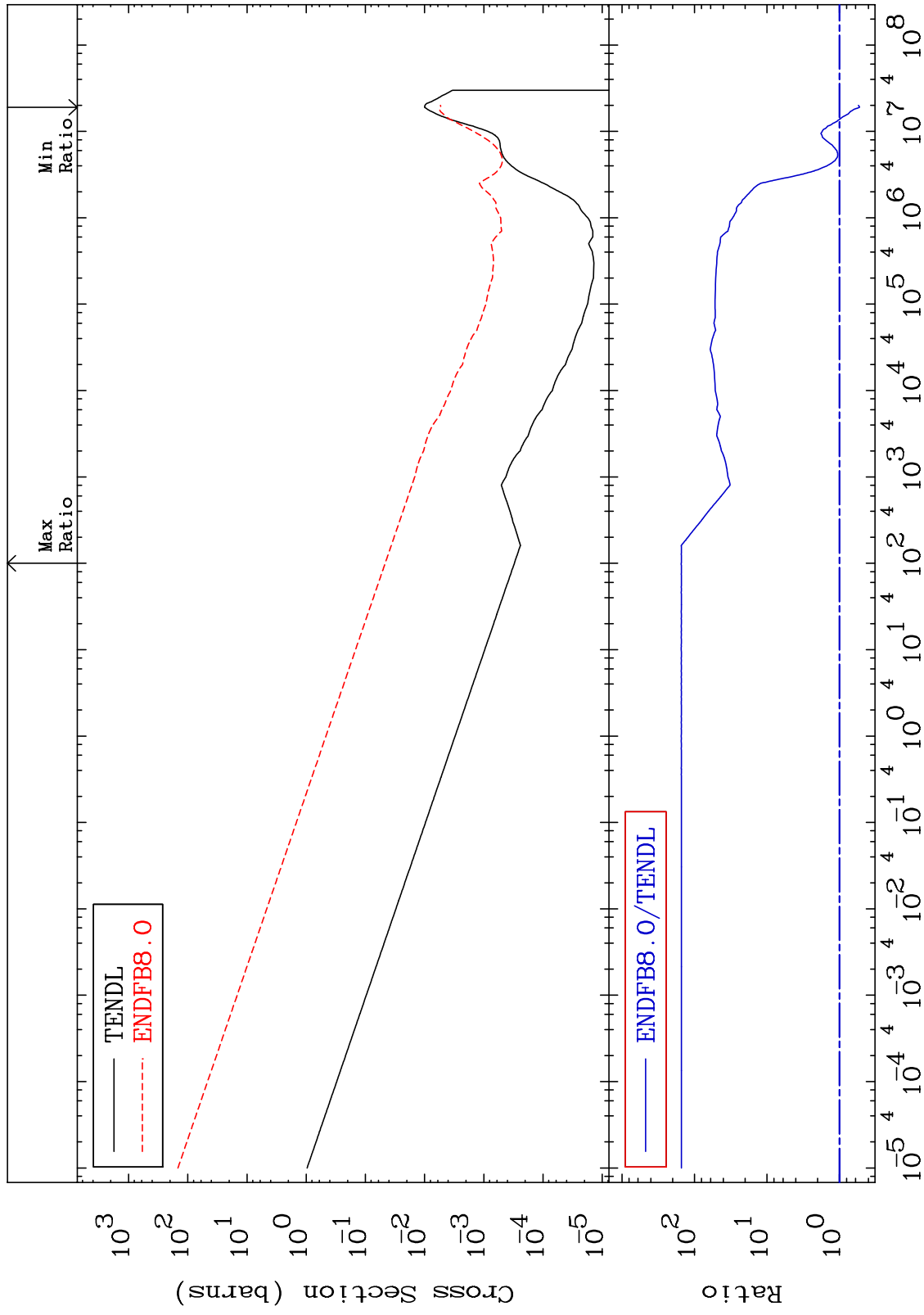
84-Po-209

MAT 8434

(n, α)

84-Po-209

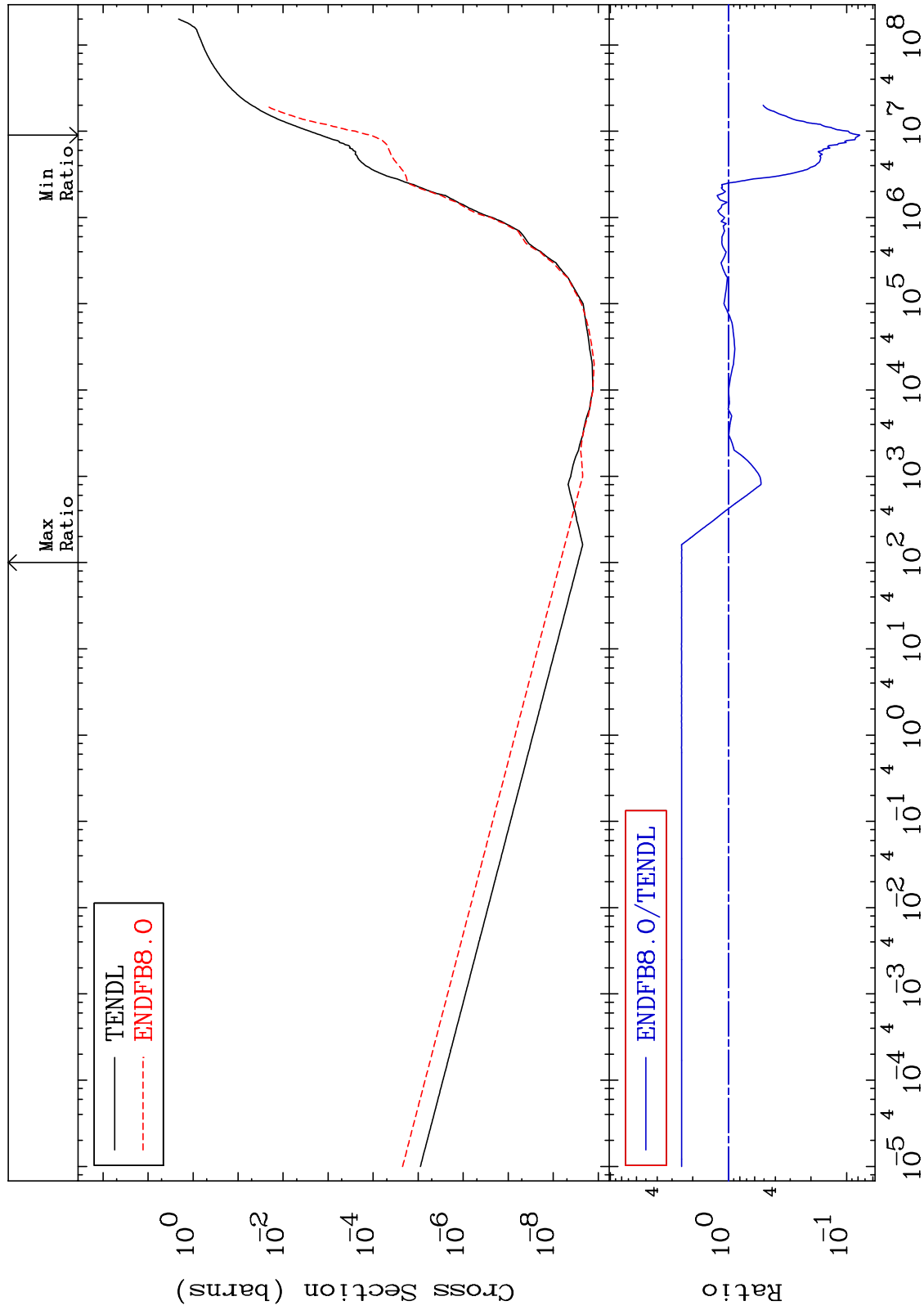
-47.45 To 9999. %



MAT 8434

Hydrogen Production
Cross Section

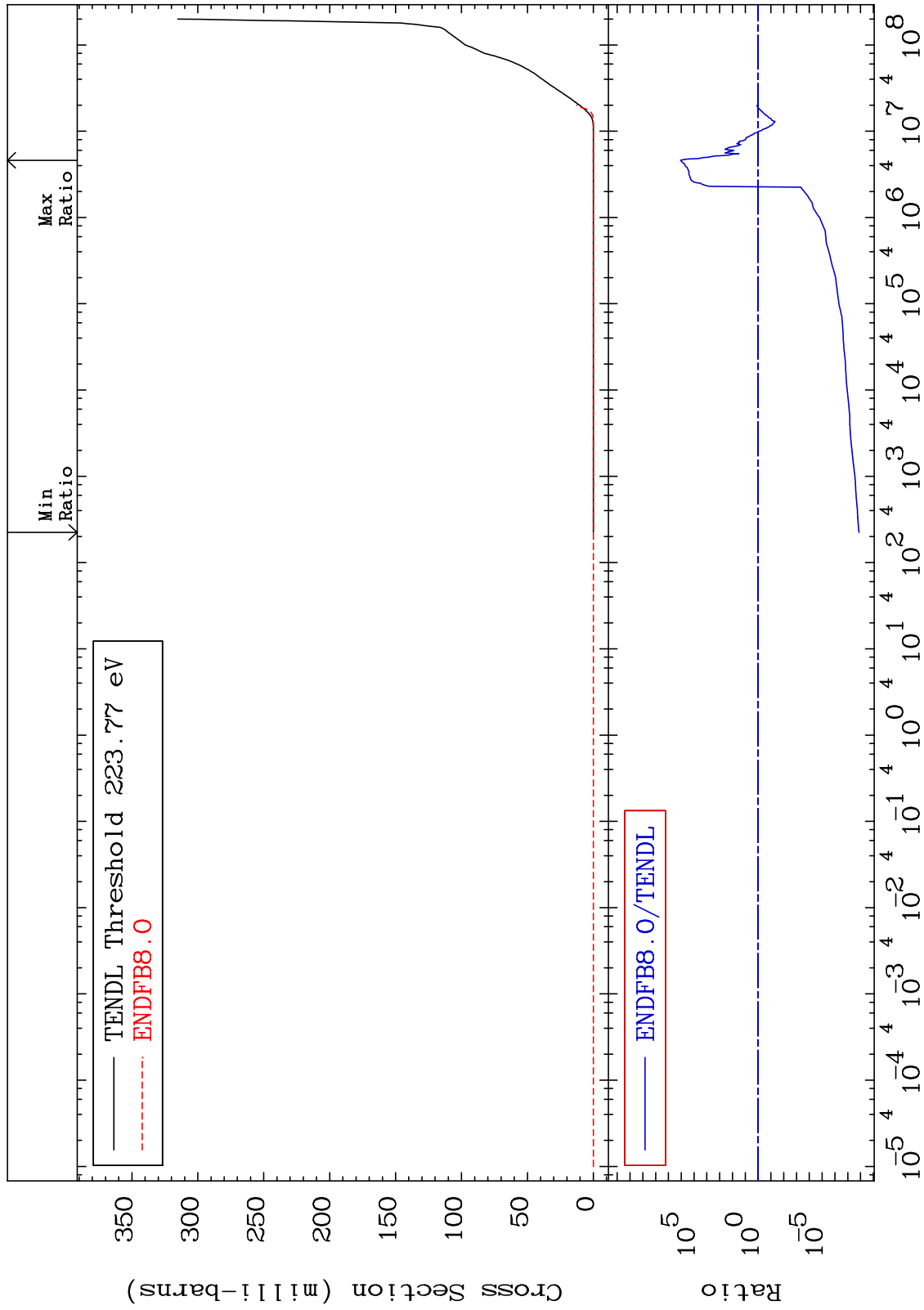
84-Po-209
-92.27 To 149.5 %



MAT 8434

Deuterium Production
Cross Section

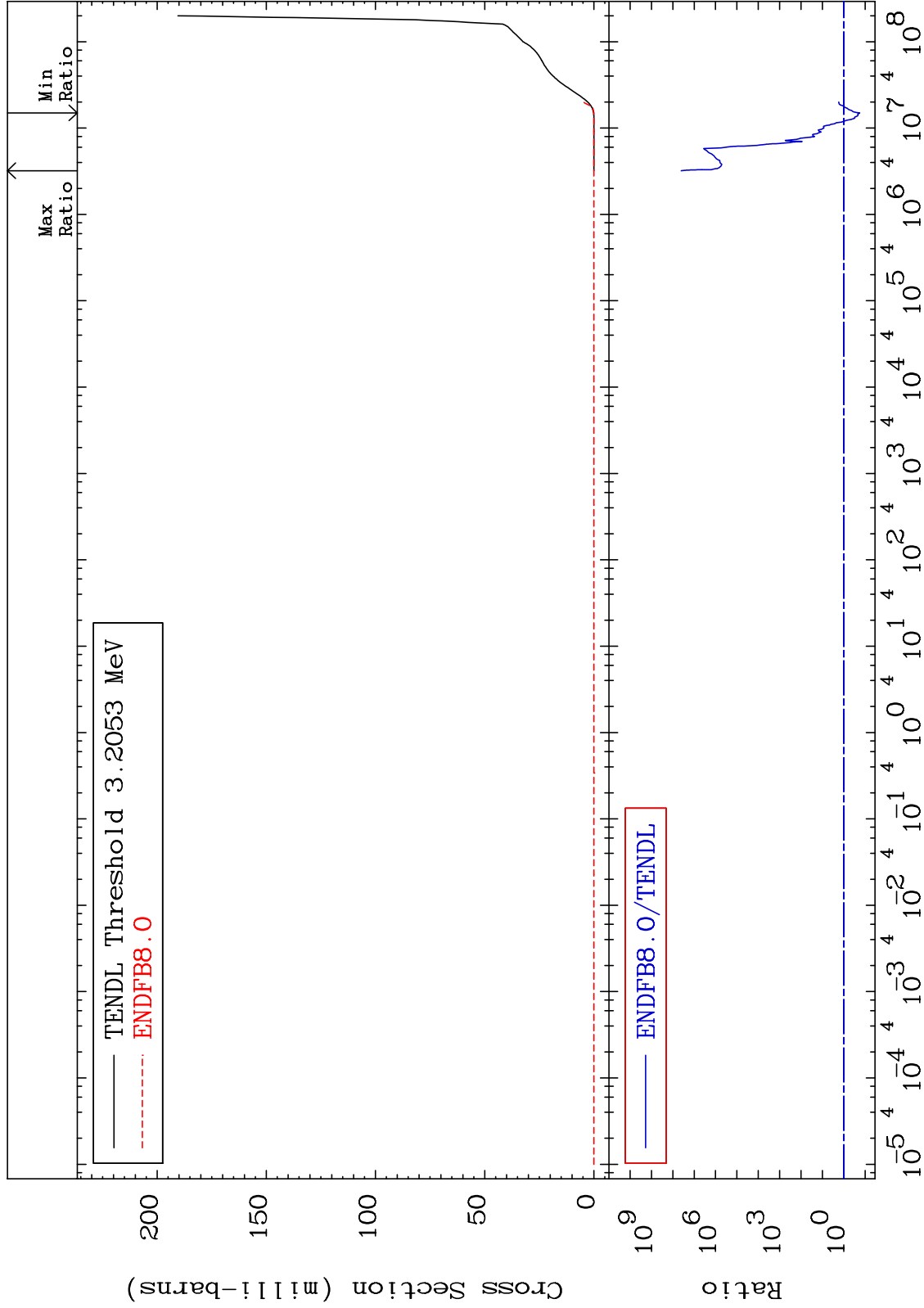
84-Po-209
-100.0 To 9999. %



MAT 8434

Tritium Production
Cross Section

84-Po-209
-82.04 To 9999. %



34

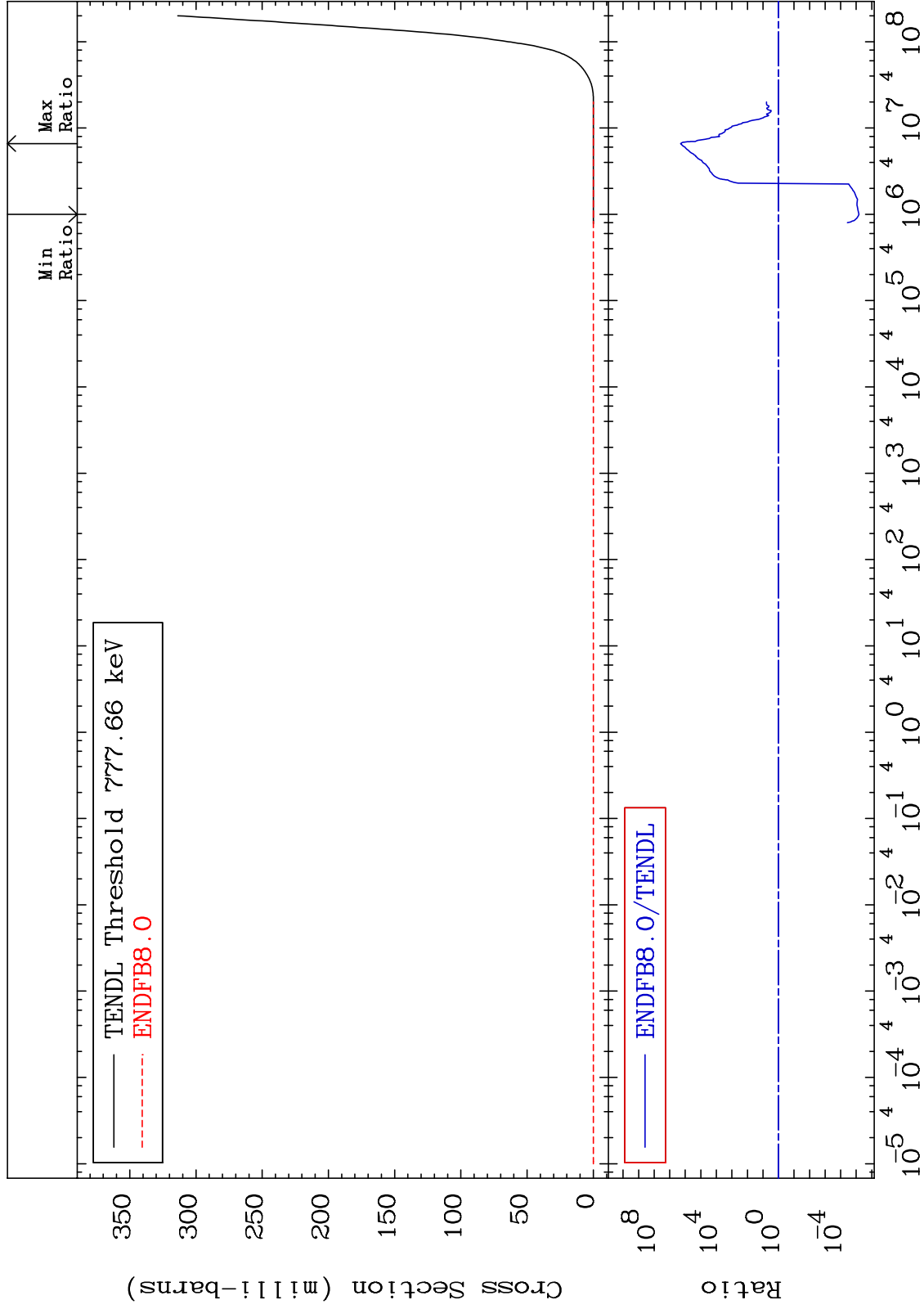
Incident Energy (eV)

84-Po-209

MAT 8434

He-3 Production
Cross Section

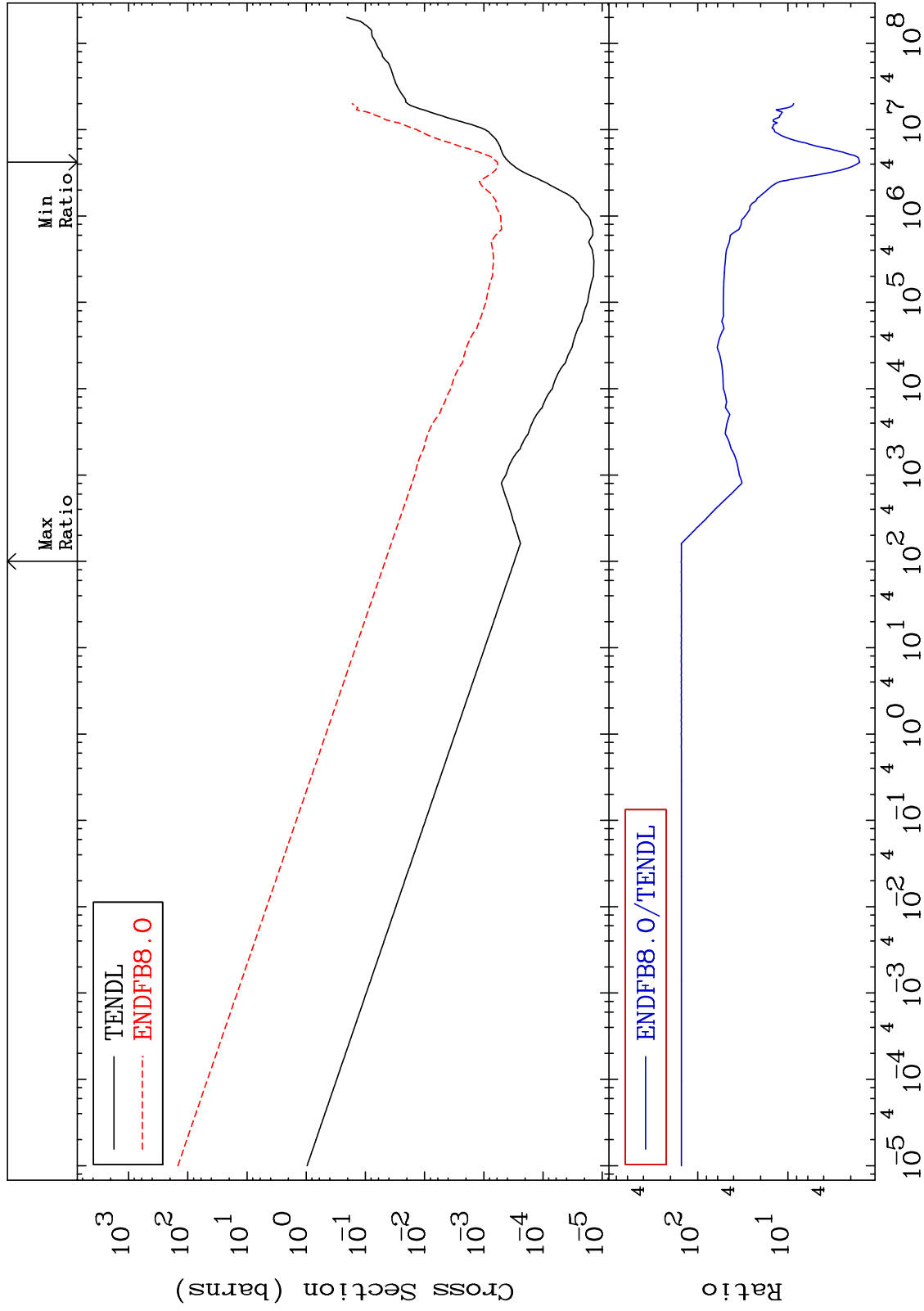
84-Po-209
-100.0 To 9999. %



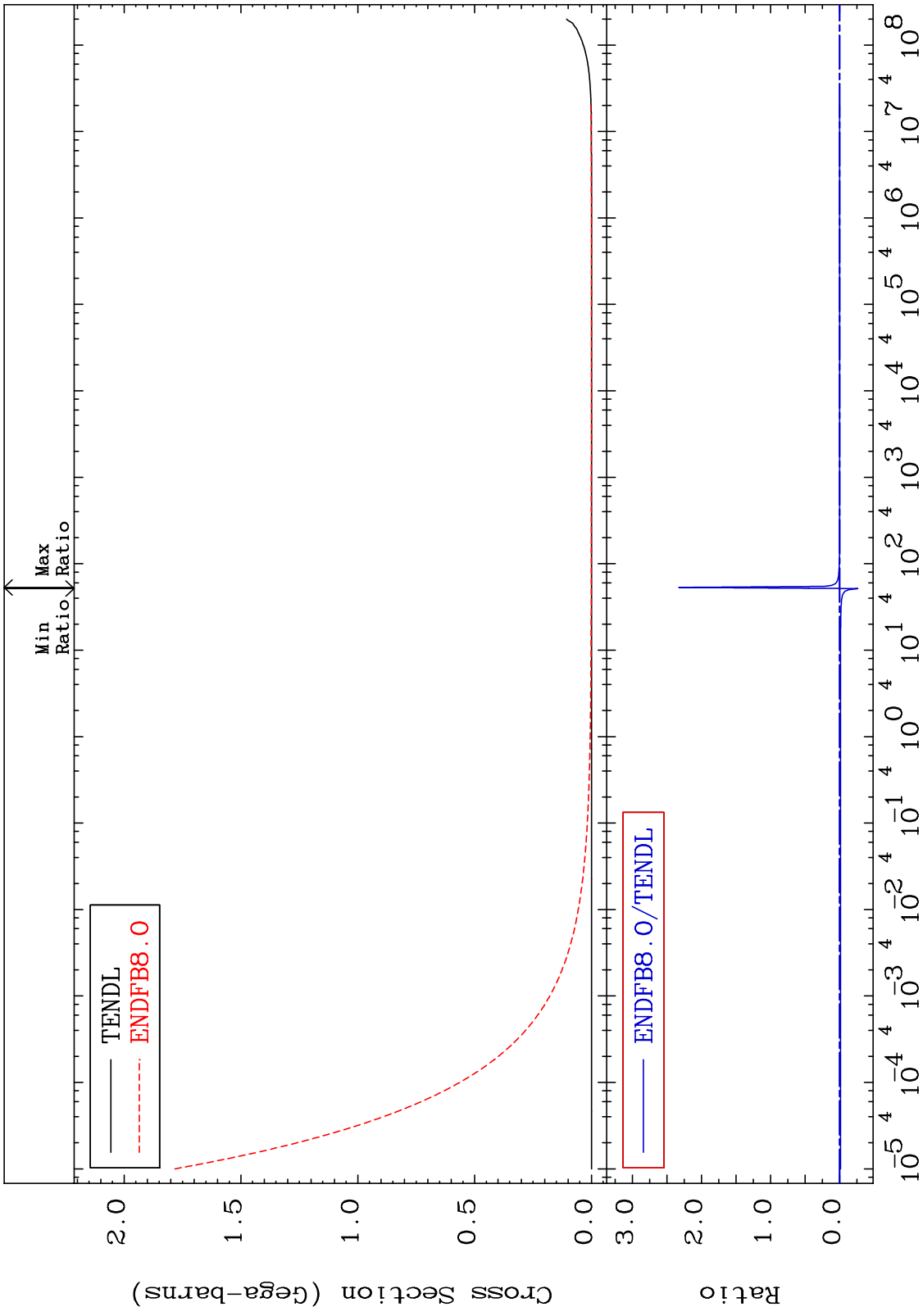
MAT 8434

He-4 Production
Cross Section

84-Po-209
59.06 To 9999. %



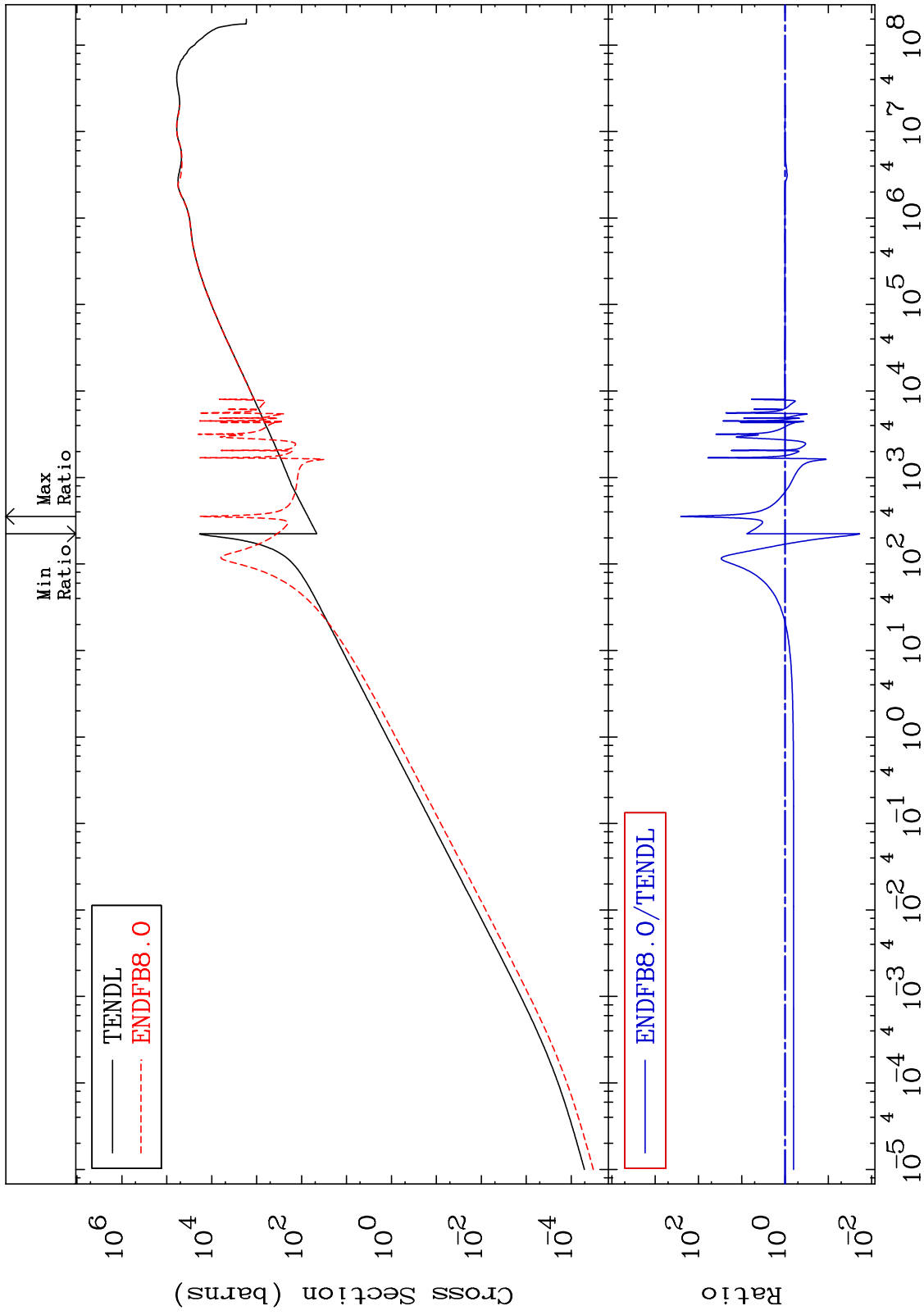
MAT 8434 Kerma total (eV-barns) 84-Po-209
 Cross Section -9999. To 9999. %



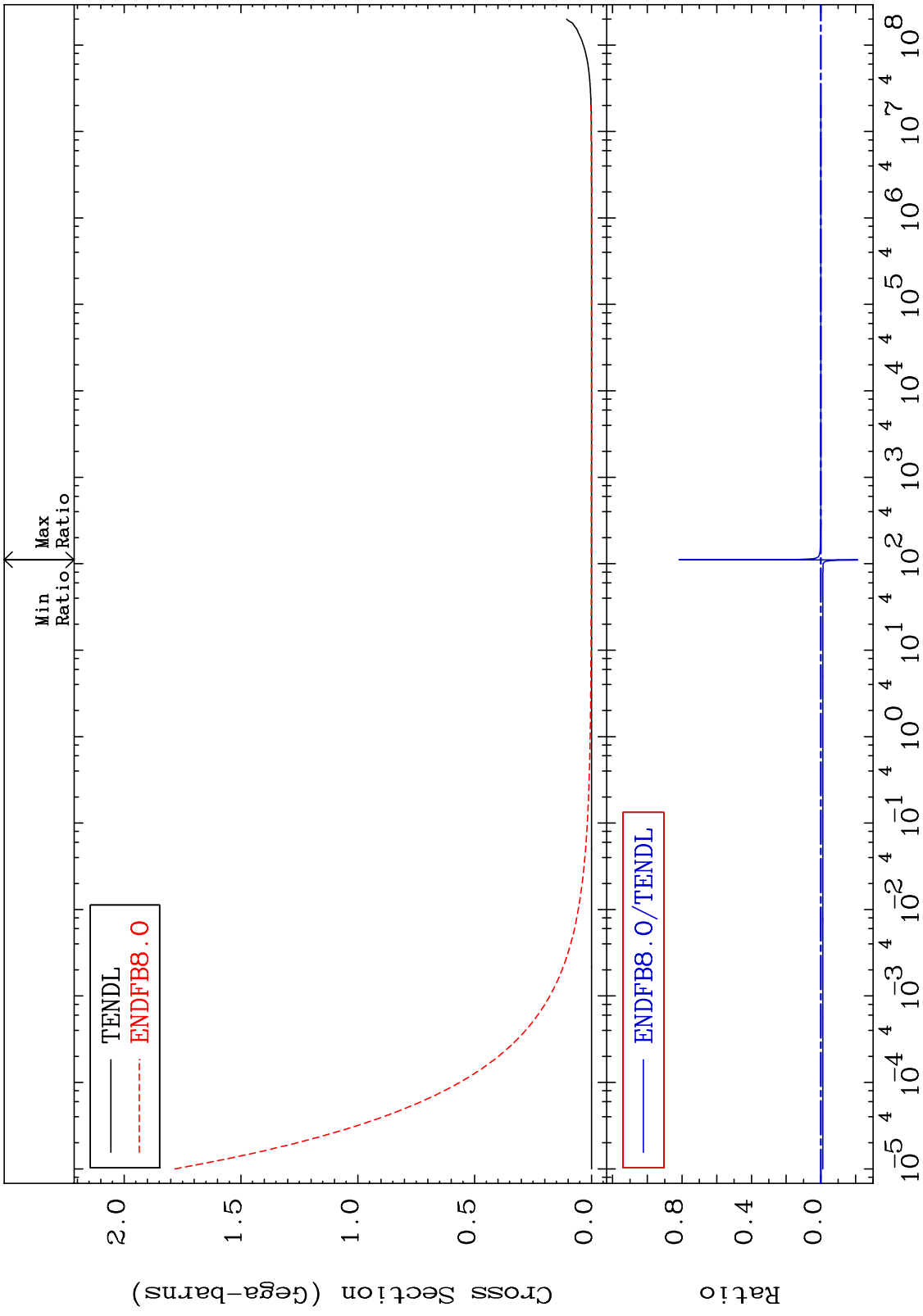
MAT 8434

Kerma elastic
Cross Section

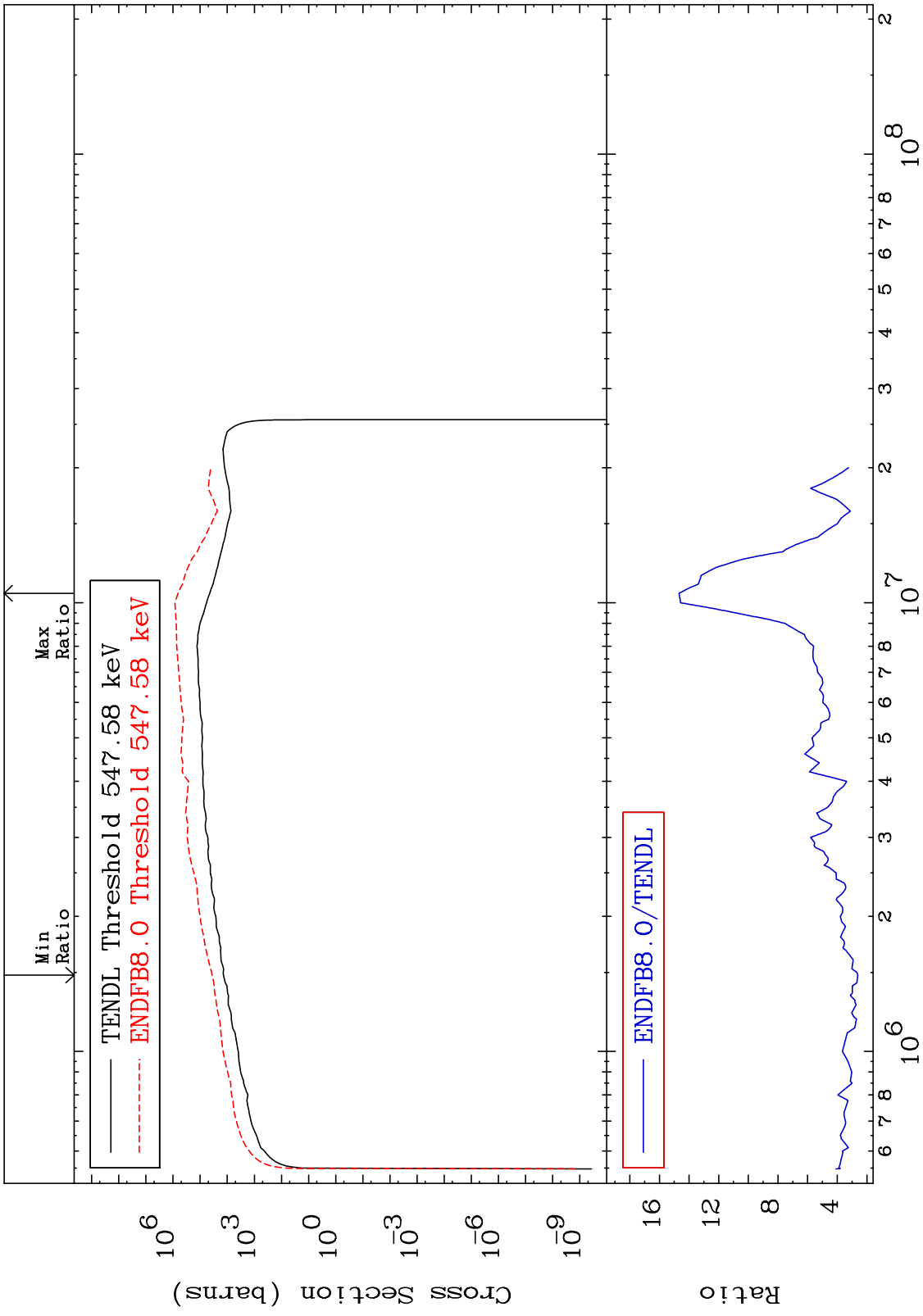
84-Po-209
-98.11 To 9999. %



MAT 8434 Kerma non-elastic (all but mt2) 84-Po-209 -9999. To 9999. %
 Cross Section



MAT 8434 Kerma inelastic (mt51-91) 84-Po-209
 Cross Section 160.9 To 1368. %

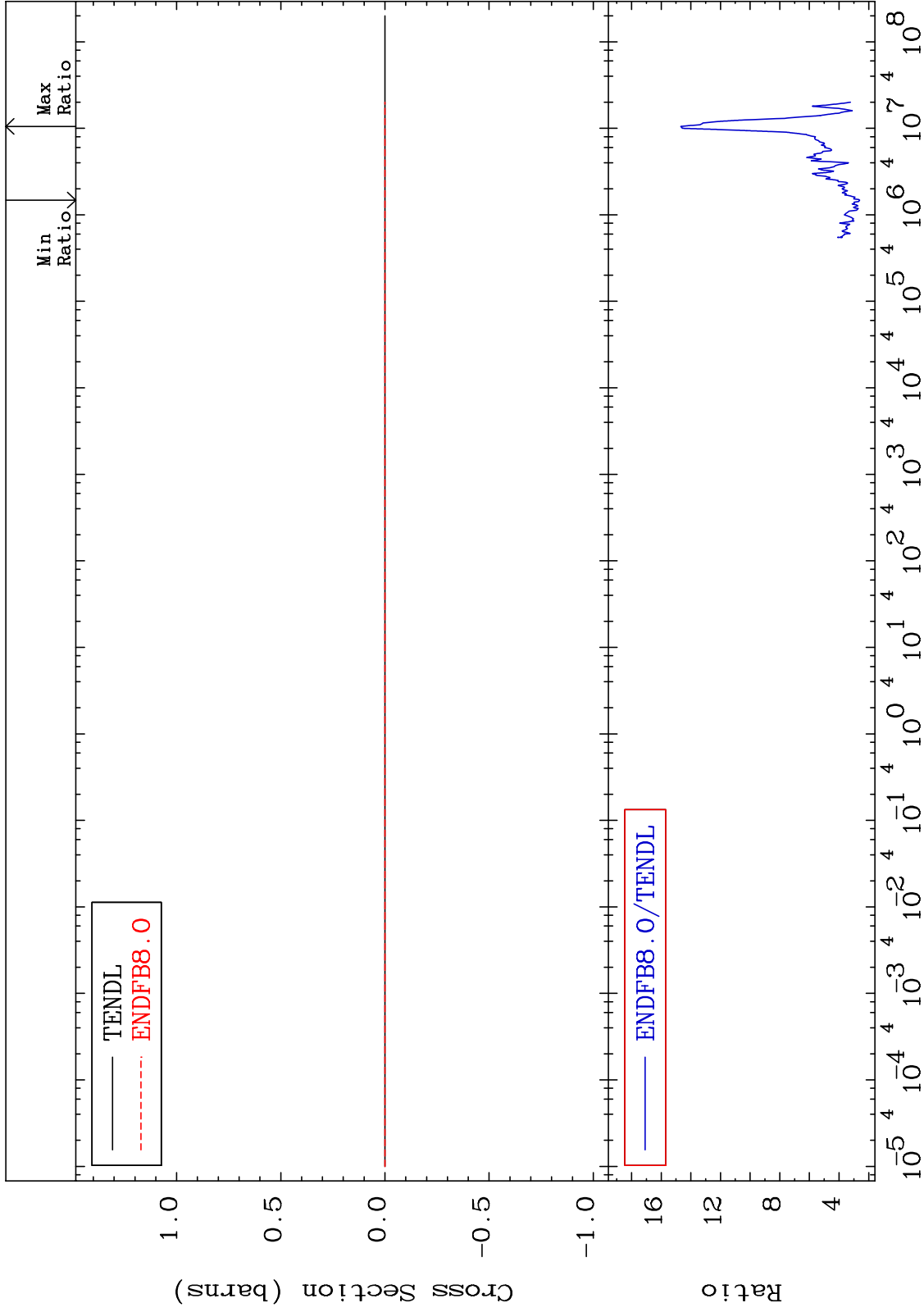


40 Incident Energy (eV) 84-Po-209

MAT 8434

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

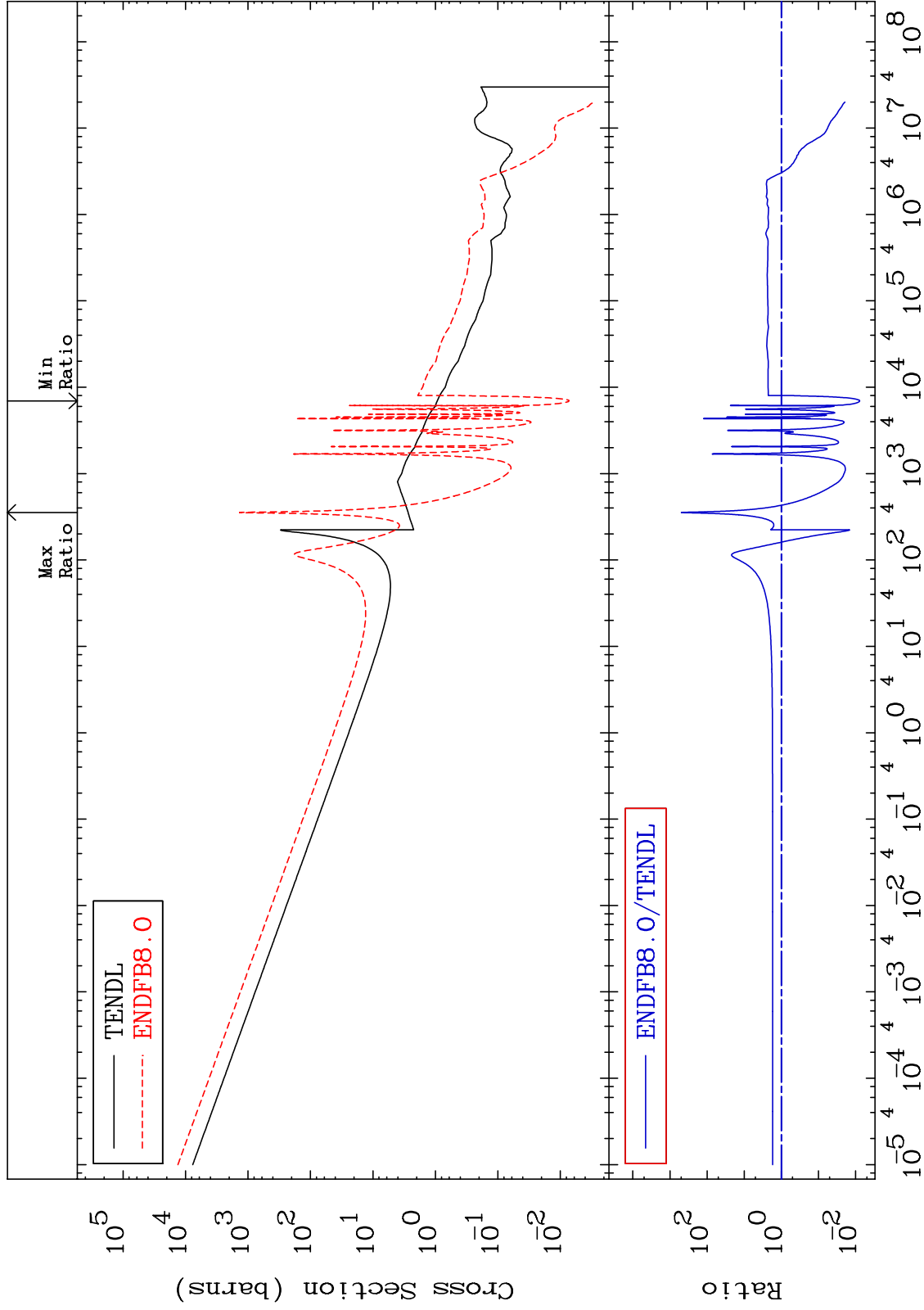
84-Po-209
160.9 To 1368. %



MAT 8434

Kerma capture (mt102)
Cross Section

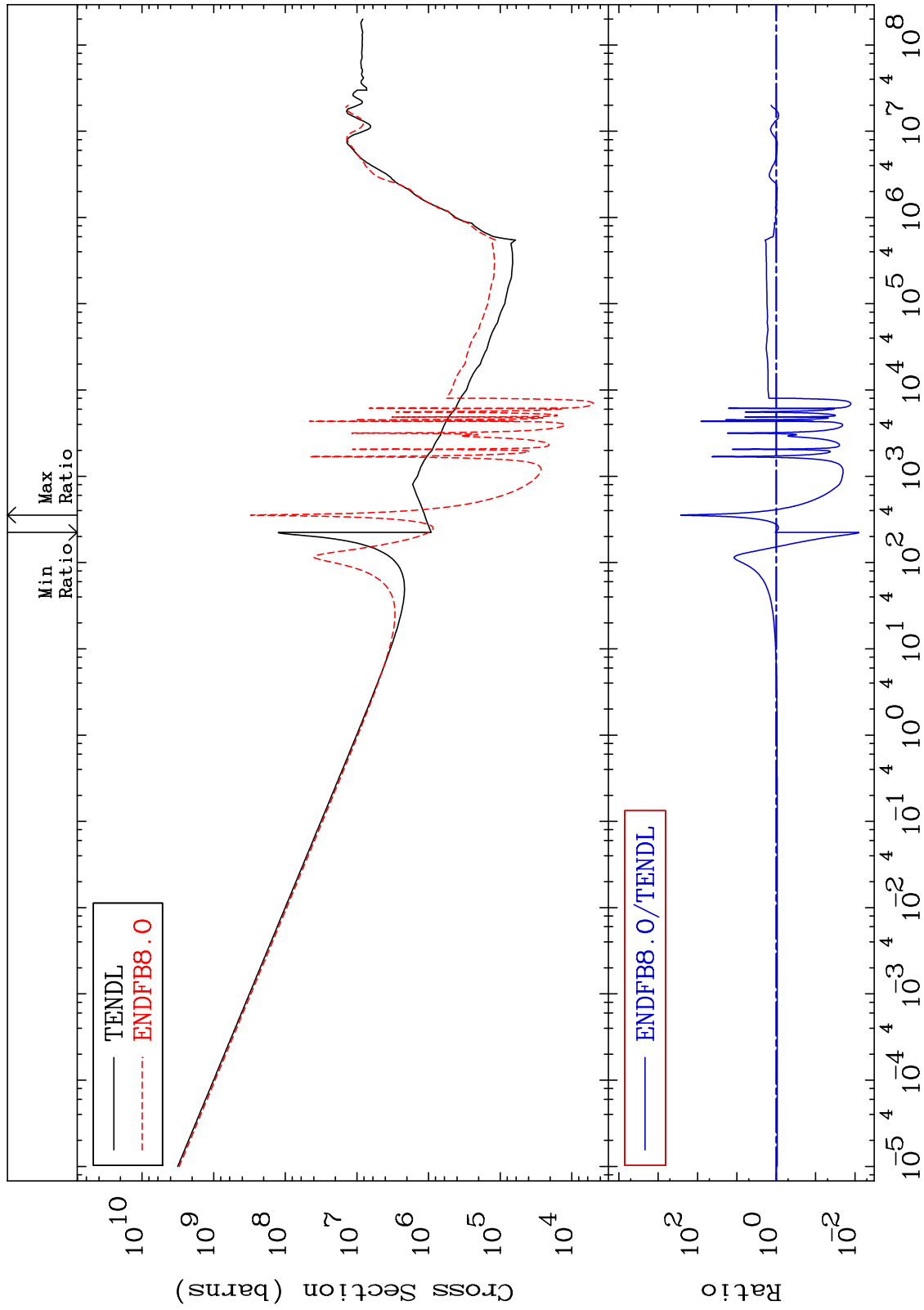
84-Po-209
-99.22 To 9999. %



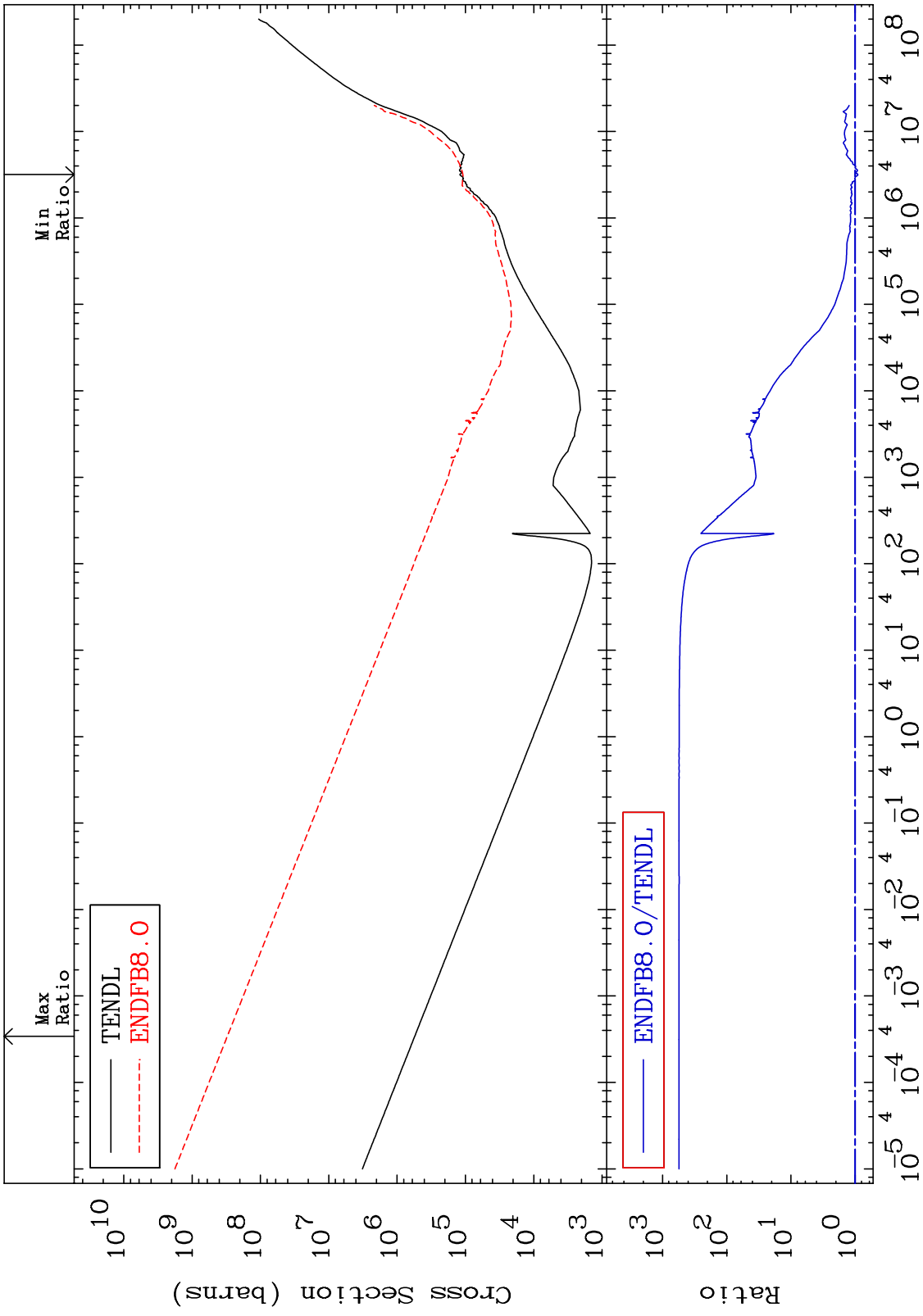
MAT 8434

Total photon (eV-barns)
Cross Section

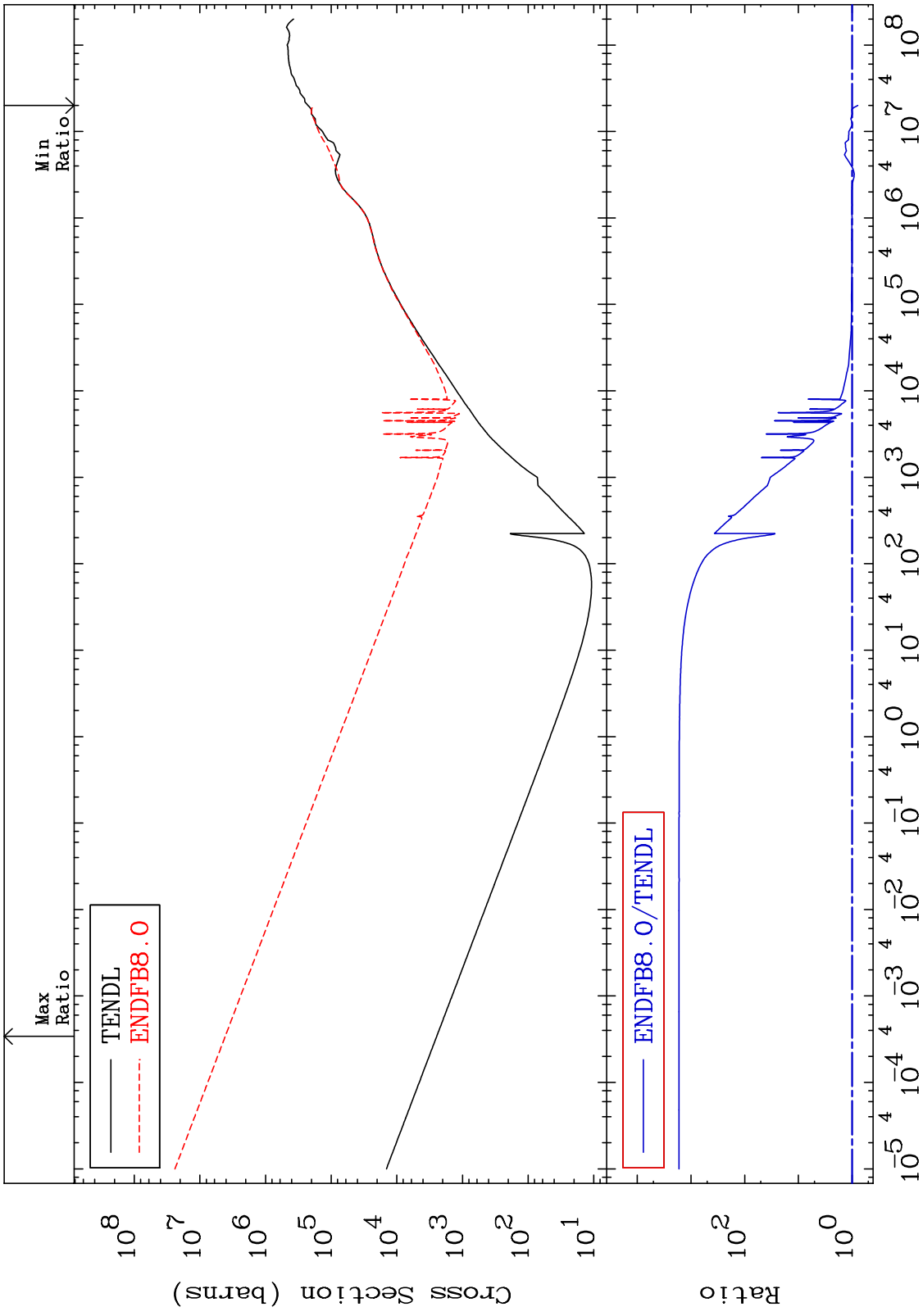
84-Po-209
-99.21 To 9999. %



MAT 8434 Total kinematic kerma (high limit) Cross Section 84-Po-209 -9.055 To 9999. %



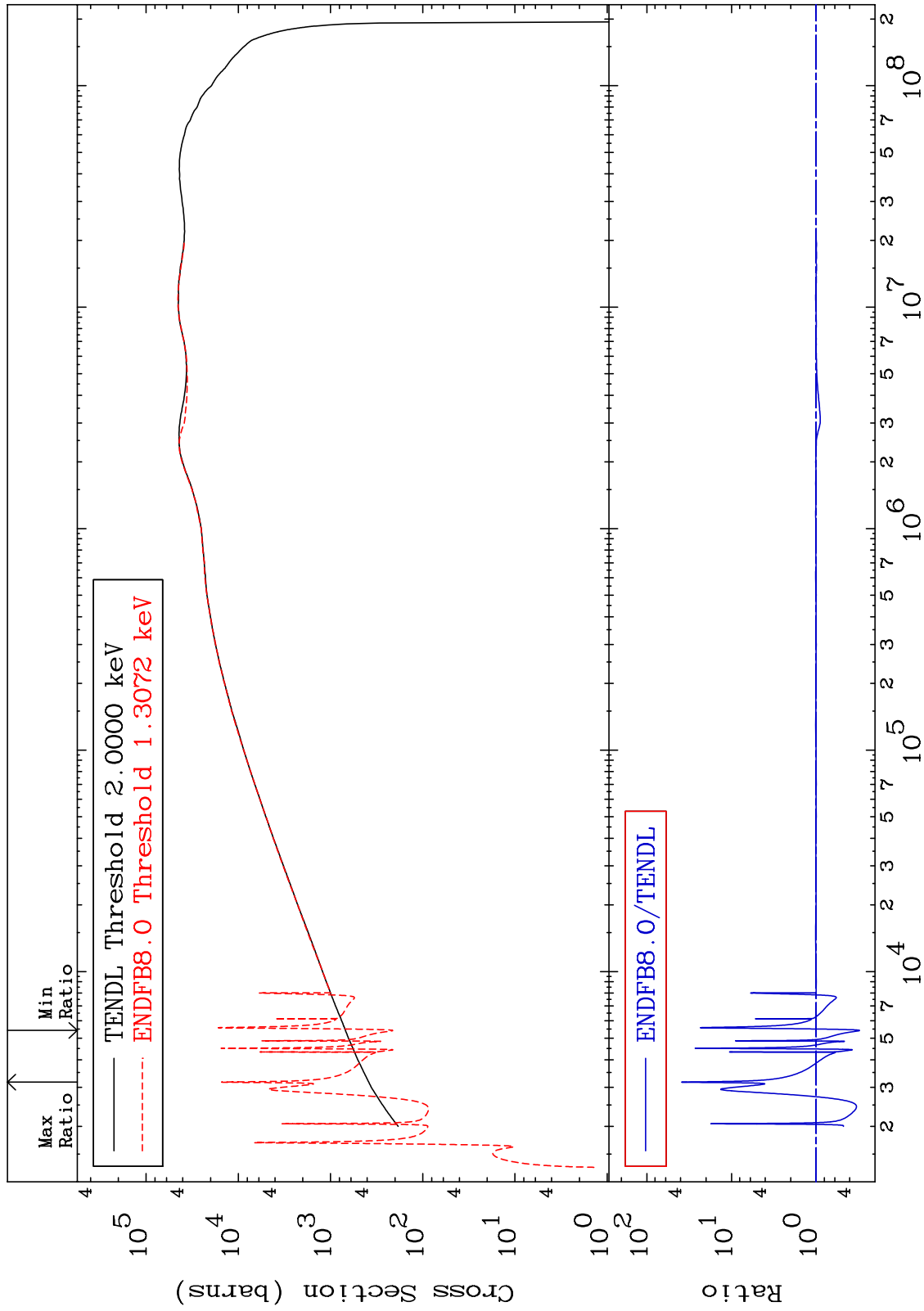
MAT 8434 Dpa total (eV-barns) 84-Po-209 -21.85 To 9999. %
 Cross Section



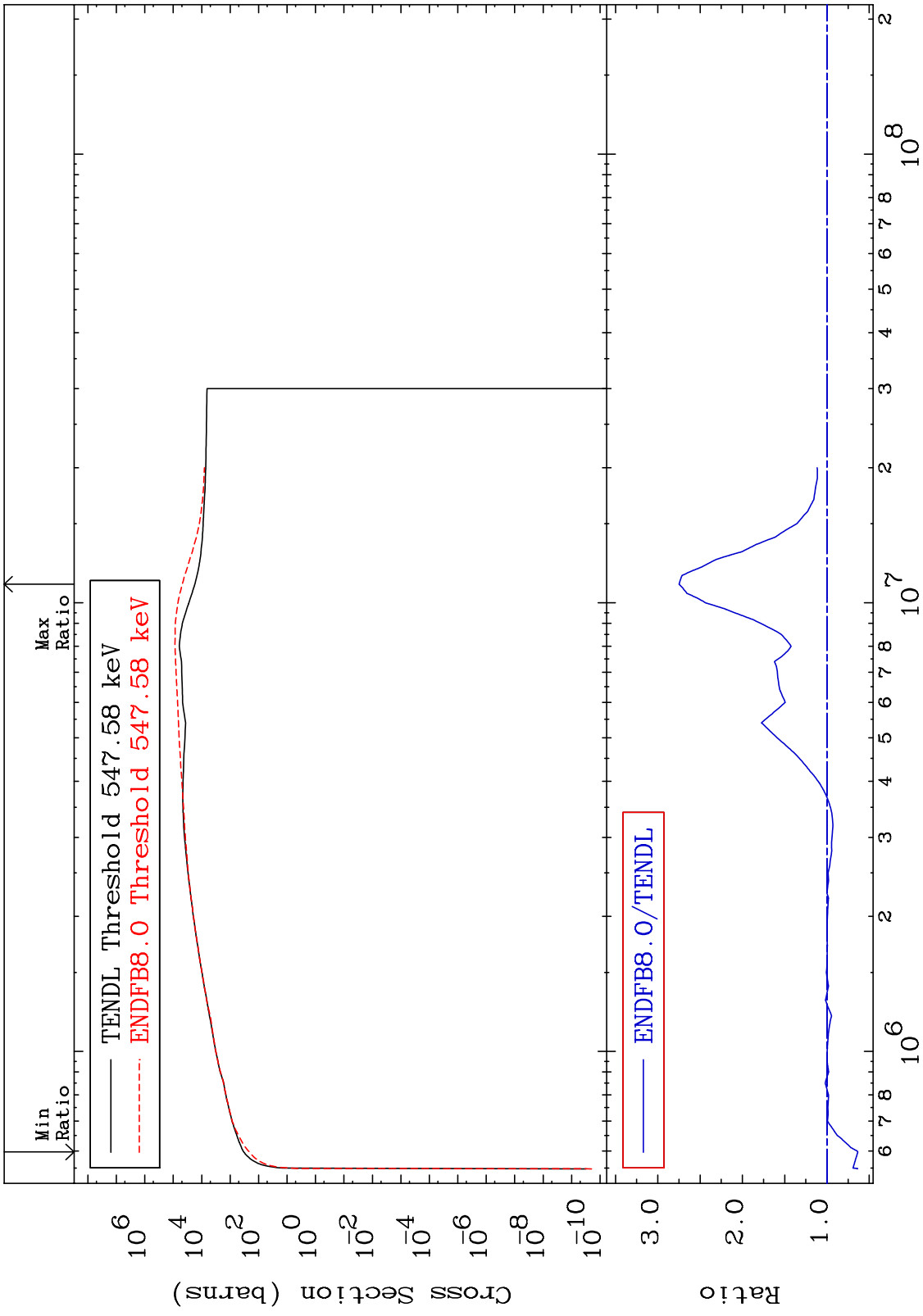
MAT 8434

Dpa elastic (mt2)
Cross Section

84-Po-209
-69.51 To 3826. %



MAT 8434 Dpa inelastic (mt51-91) 84-Po-209
 Cross Section -36.51 To 174.9 %



MAT 8434 Dpa disappearance (mt102 -120) 84-Po-209
 Cross Section -57.68 To 9999. %

