

Program Complot  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

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

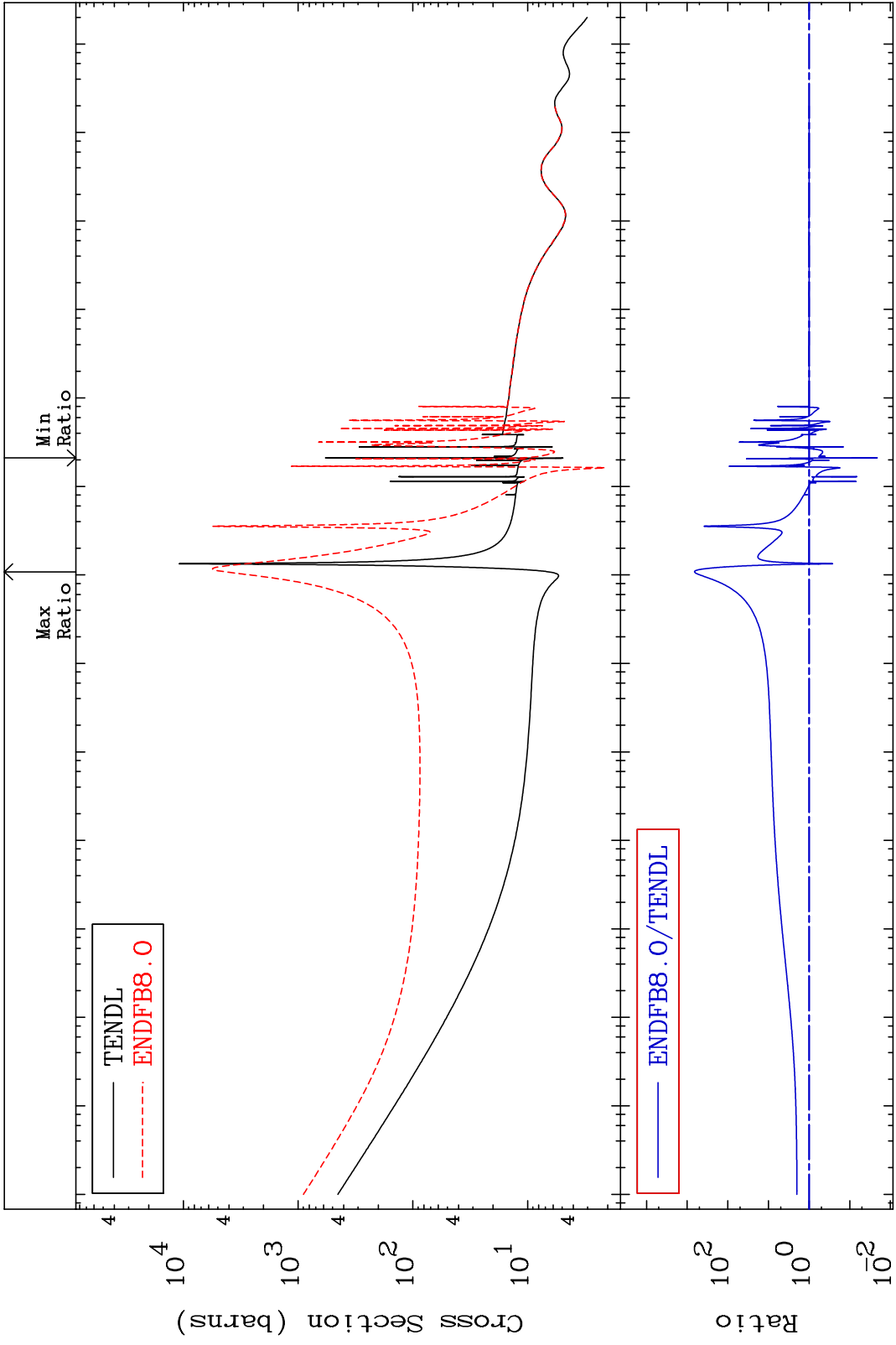
MAT 8434

Total

84-Po-209

-97.91 To 9999. %

Cross Section



Incident Energy (eV)

84-Po-209

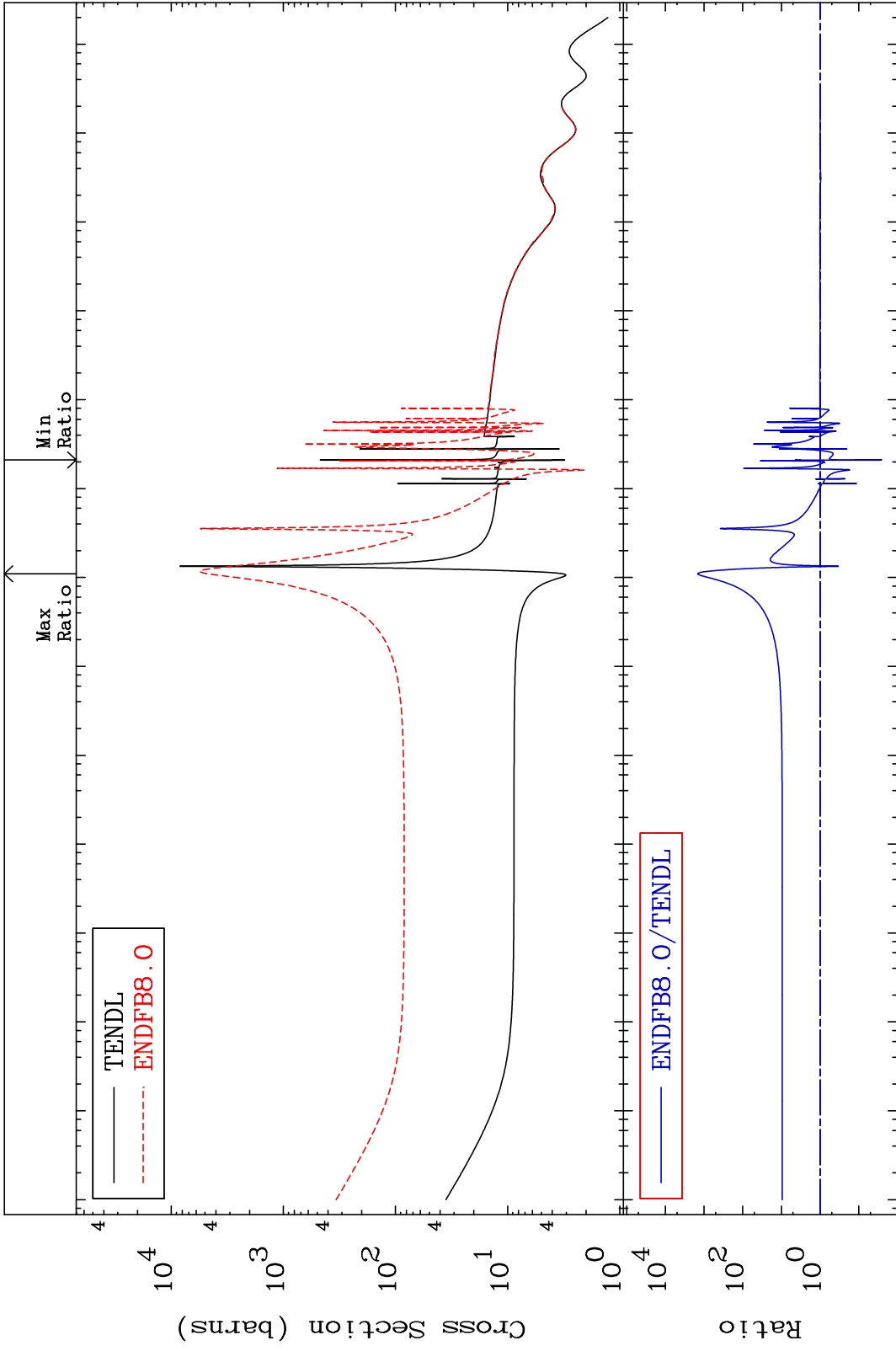
MAT 8434

Elastic

84-Po-209

-97.42 To 9999. %

Cross Section

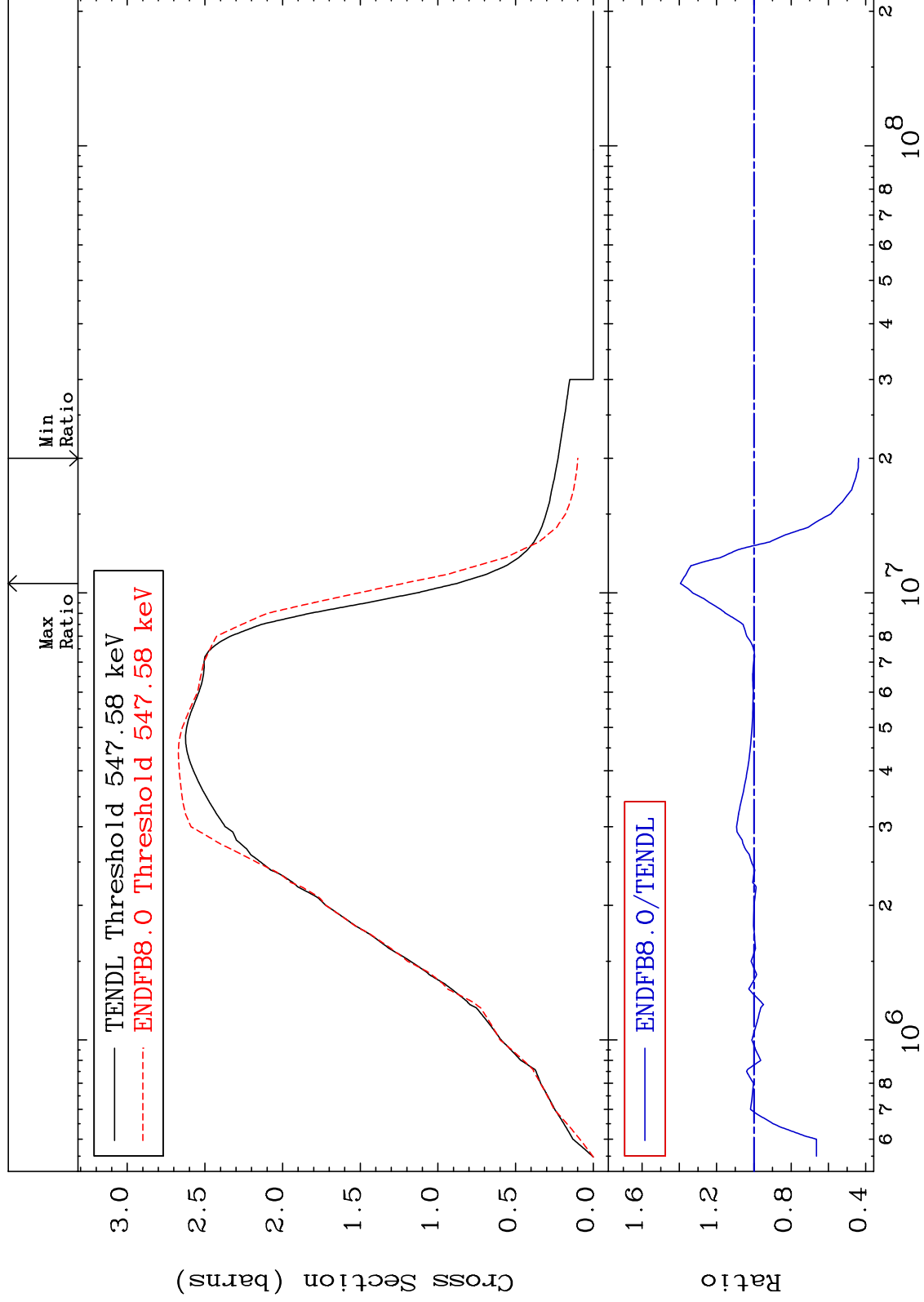


MAT 8434

Inelastic  
Cross Section

84-Po-209

-56.15 To 39.41 %



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84-Po-209

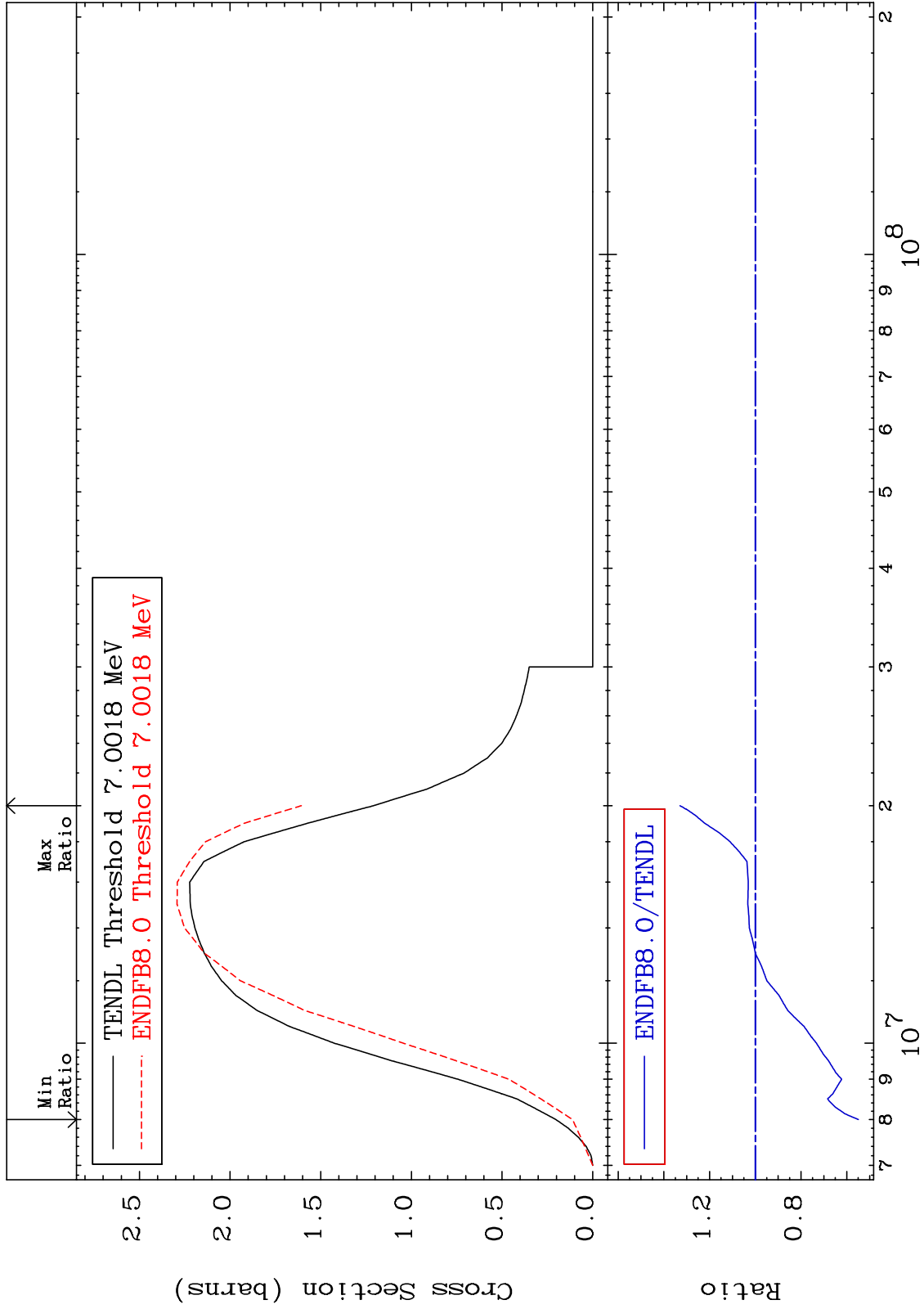
MAT 8434

(n,2n)

84-Po-209

Cross Section

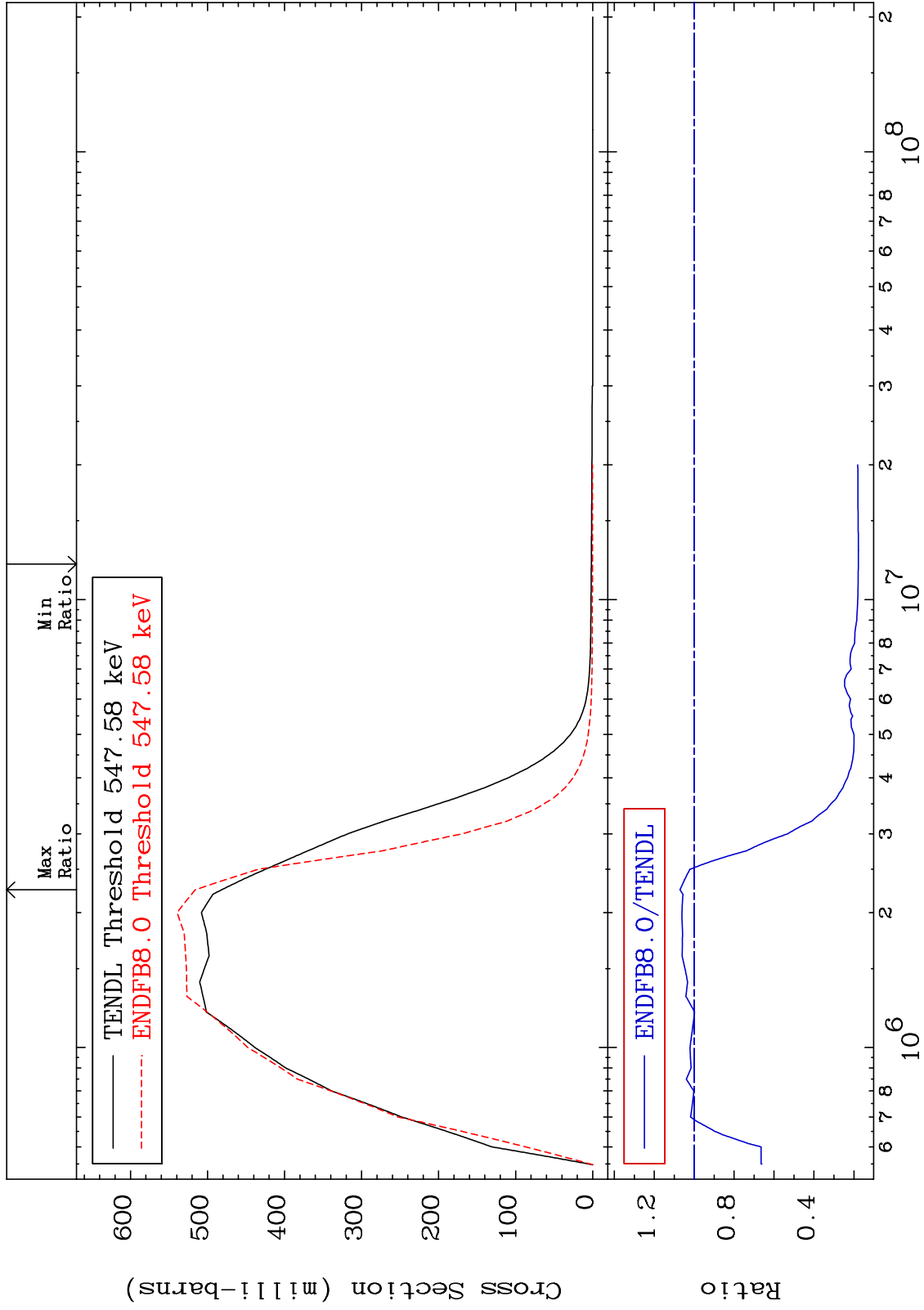
-45.09 To 32.93 %



MAT 8434

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

84-Po-209  
-82.26 To 7.110 %



5

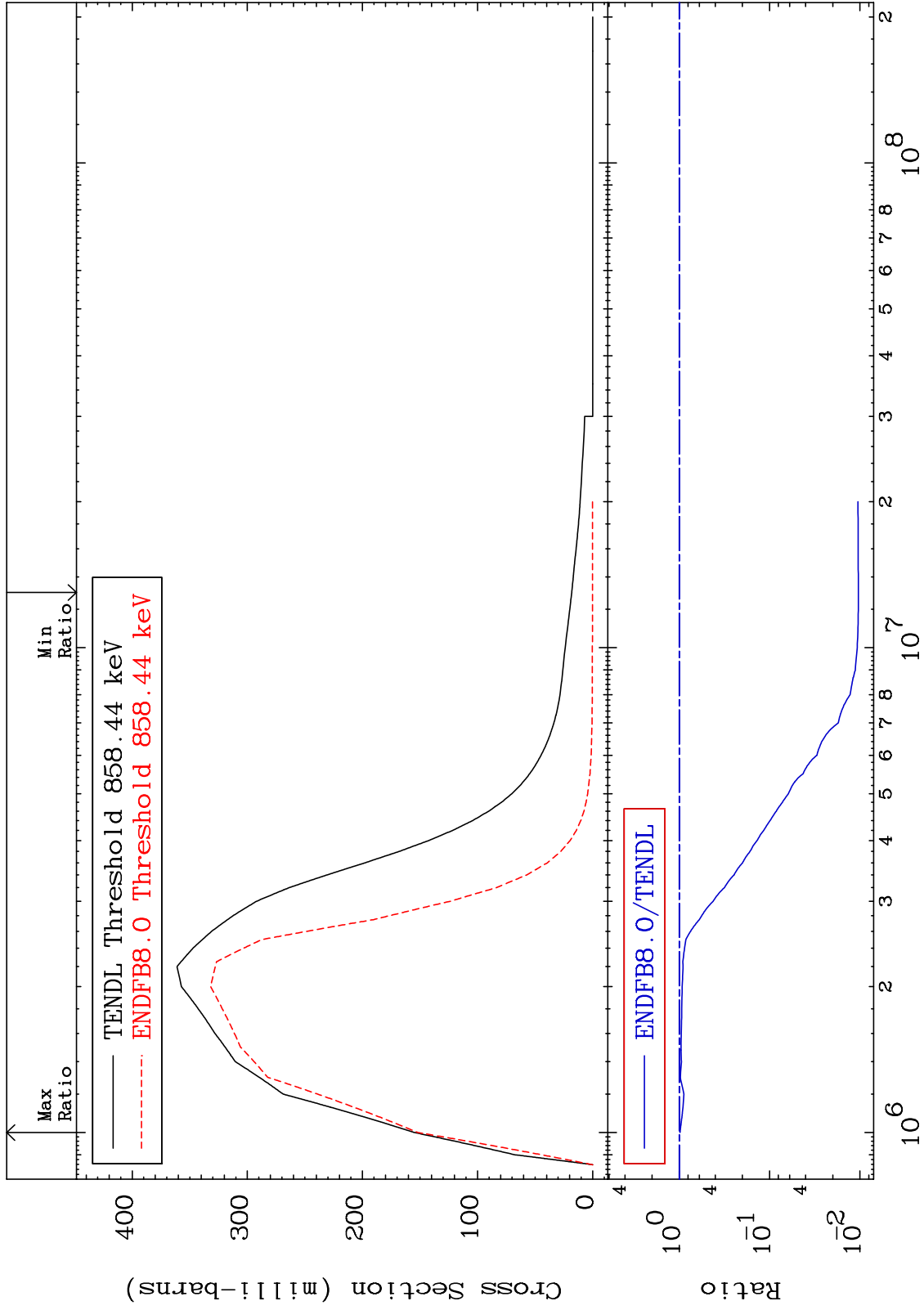
Incident Energy (eV)

84-Po-209

MAT 8434

MT= 52 (n,n') Level  
Cross Section

84-Po-209  
-98.96 To -1.863%



Incident Energy (eV)

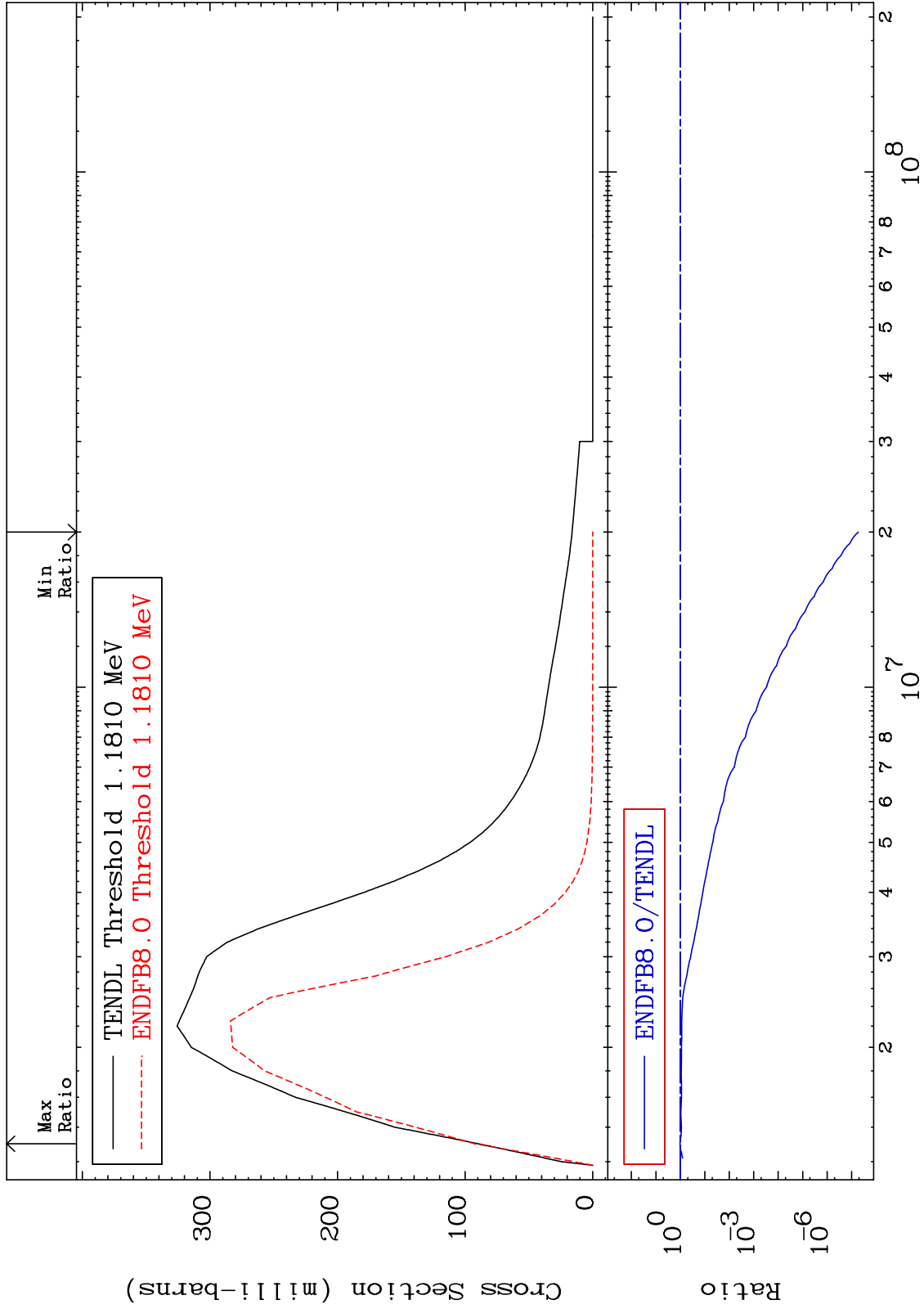
84-Po-209

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MAT 8434

MT= 53 (n, n') Level  
Cross Section

84-Po-209  
-100.0 To 2.958 %

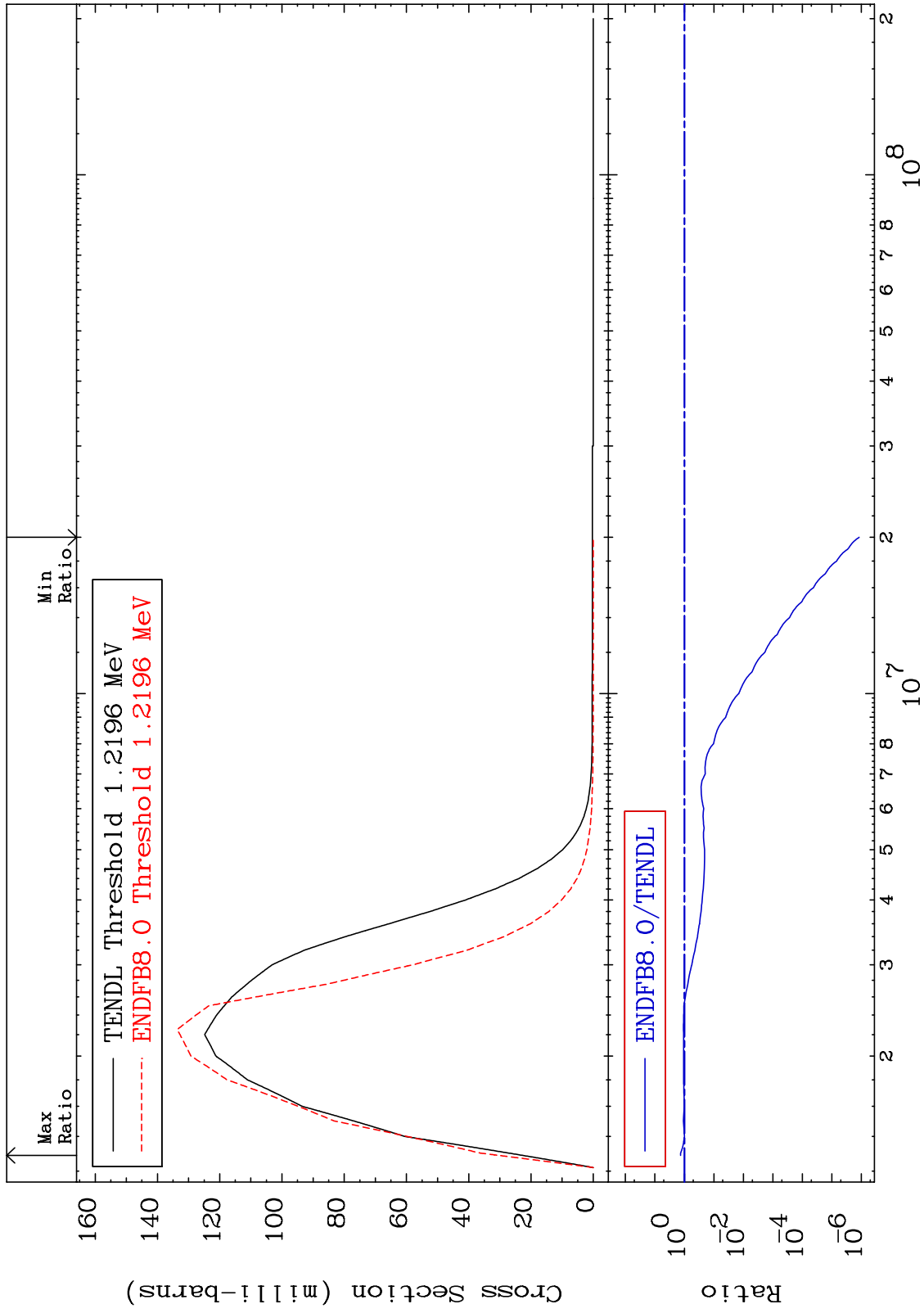




MAT 8434

MT= 54 (n, n') Level  
Cross Section

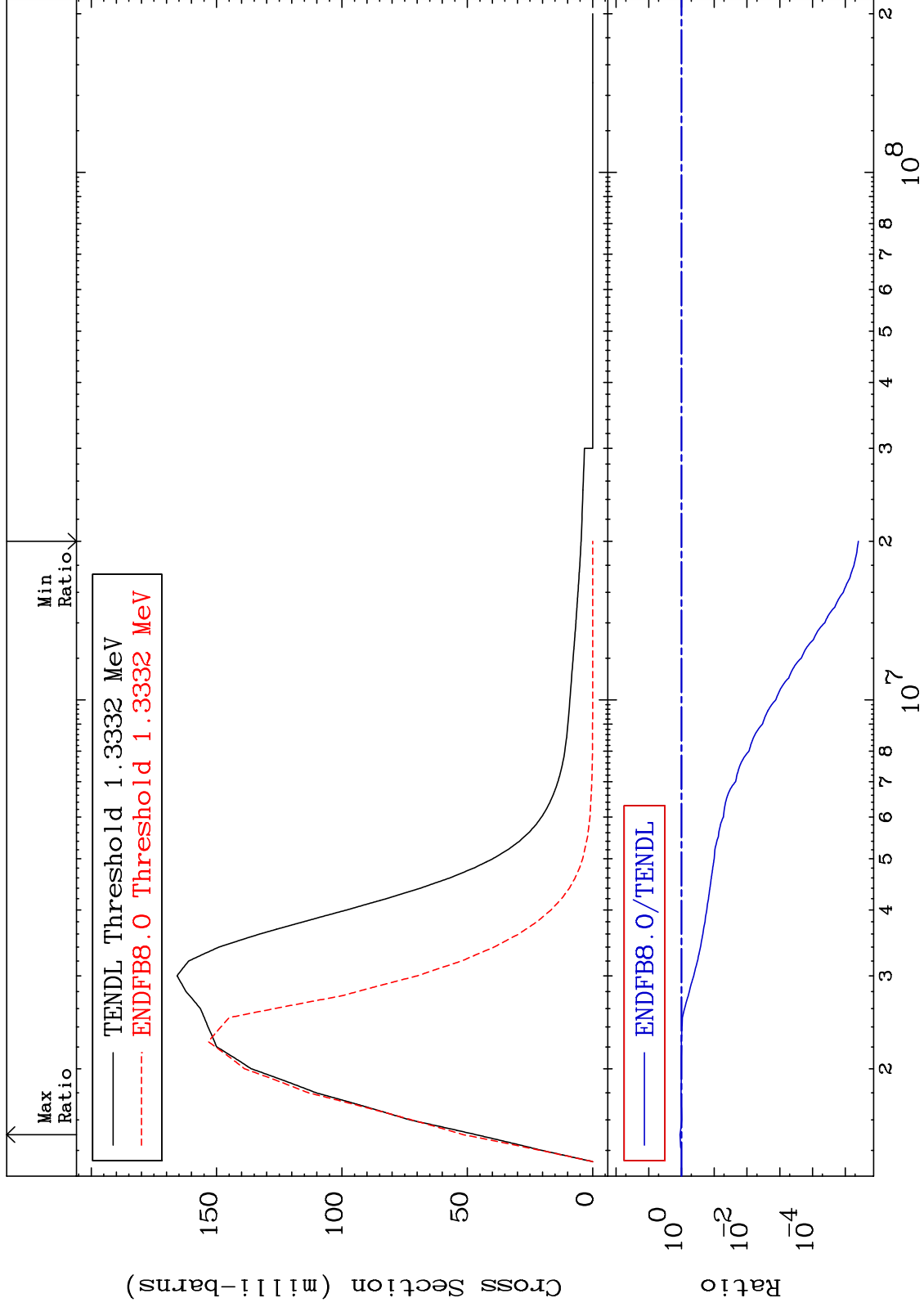
84-Po-209  
-100.0 To 34.05 %



MAT 8434

MT= 55 (n,n') Level  
Cross Section

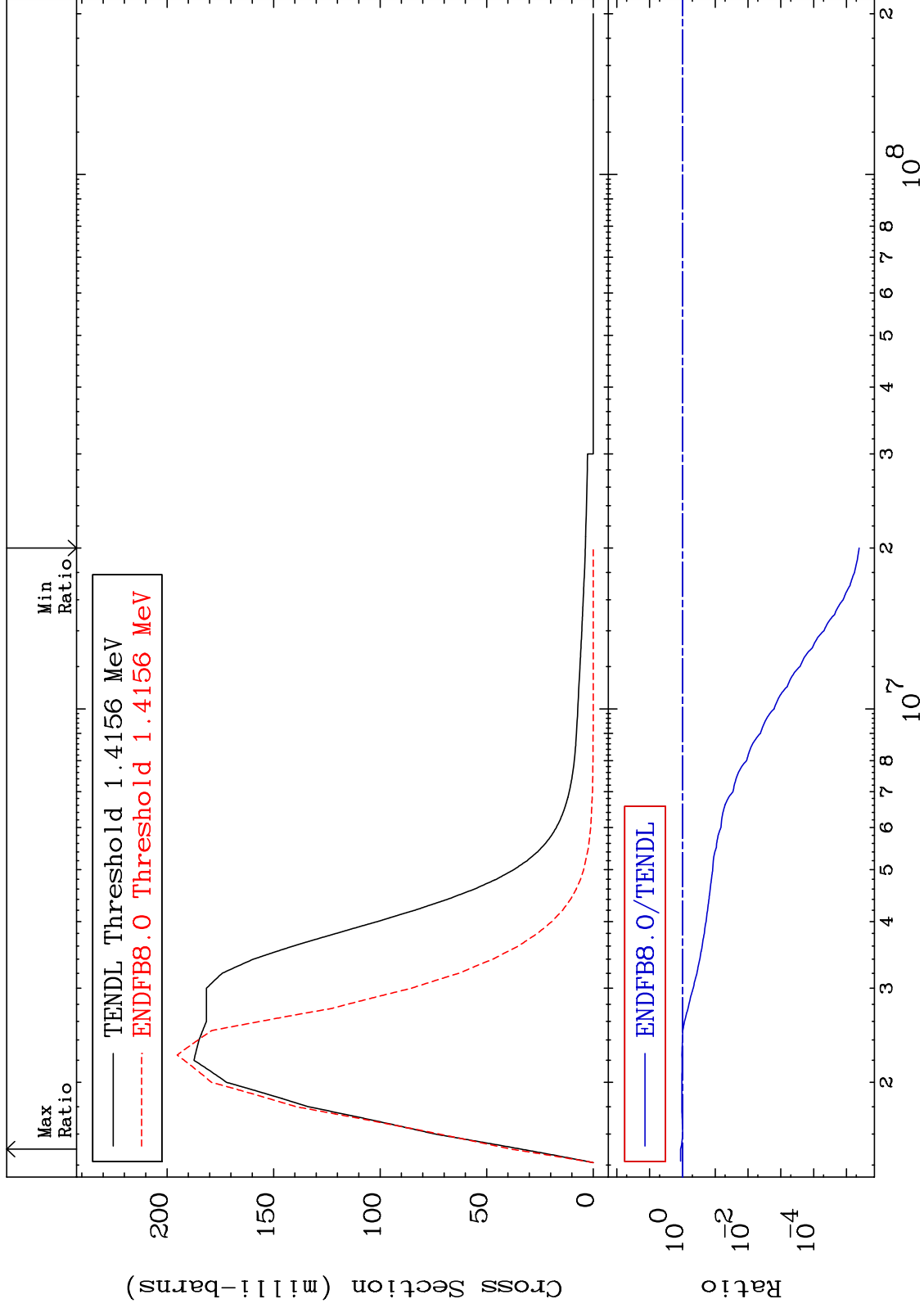
84-Po-209  
-100.0 To 10.88 %



MAT 8434

MT= 56 (n,n') Level  
Cross Section

84-Po-209  
-100.0 To 13.70 %



10

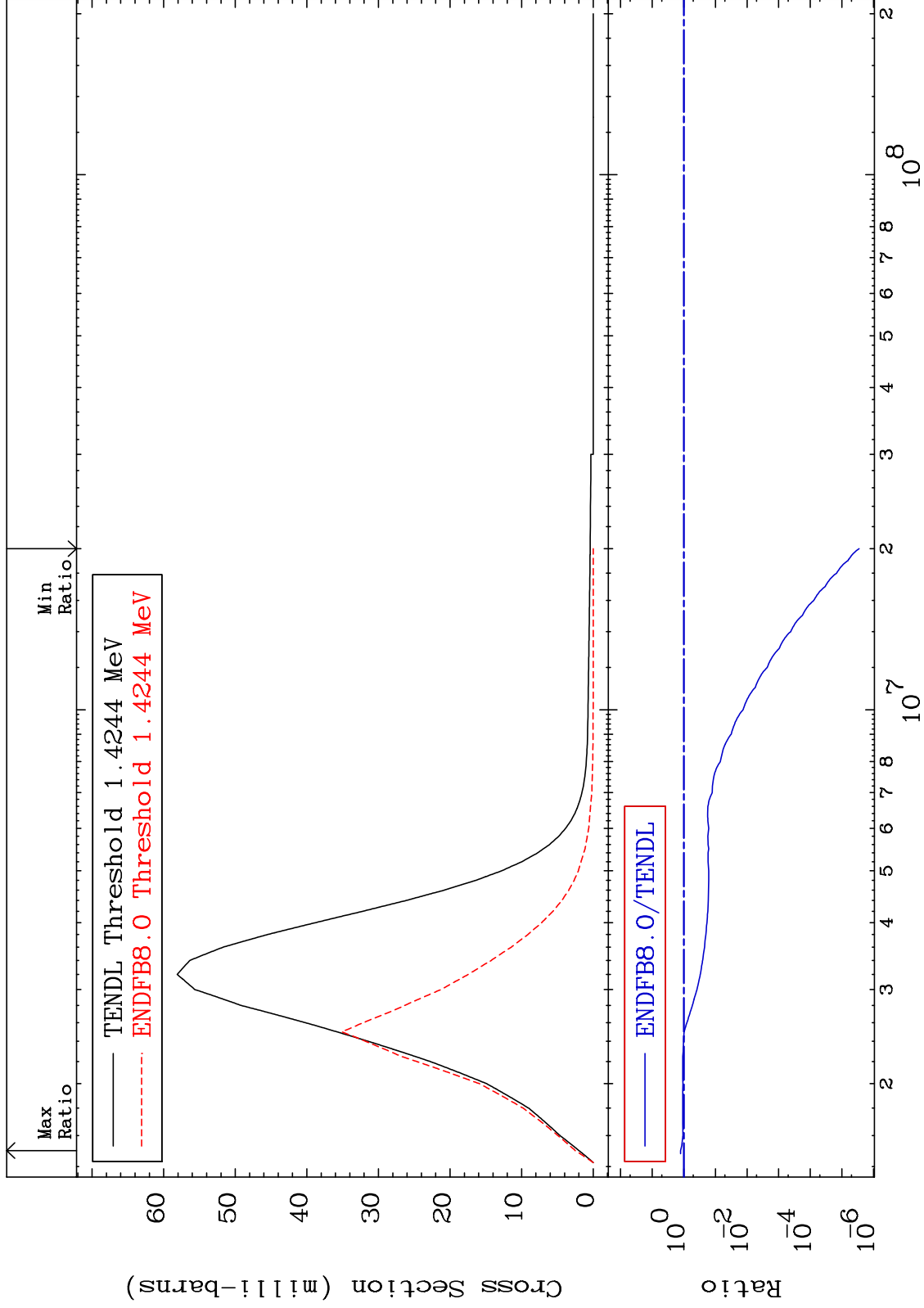
Incident Energy (eV)

84-Po-209

MAT 8434

MT= 57 (n, n') Level  
Cross Section

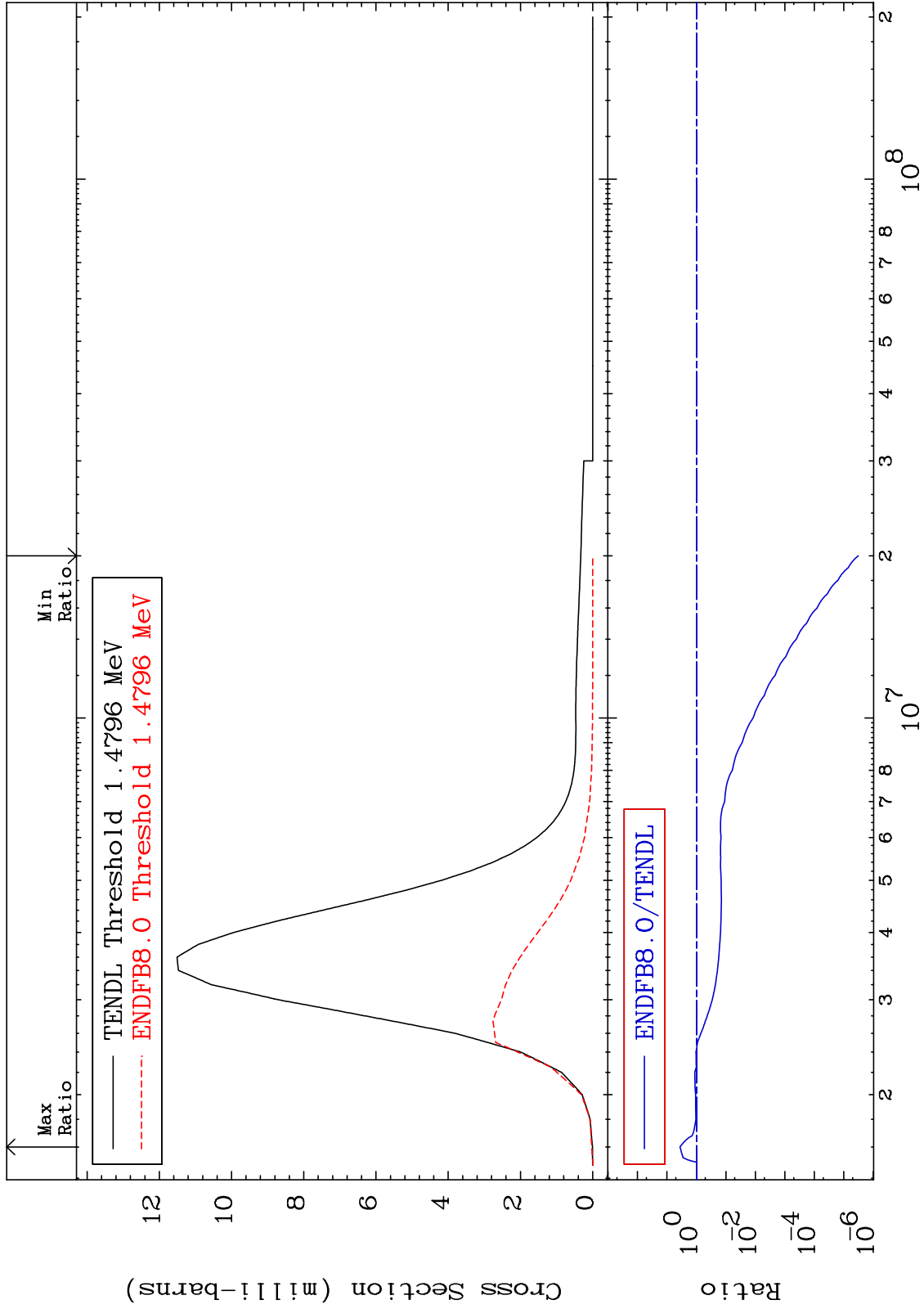
84-Po-209  
-100.0 To 25.89 %



MAT 8434

MT= 58 (n, n') Level  
Cross Section

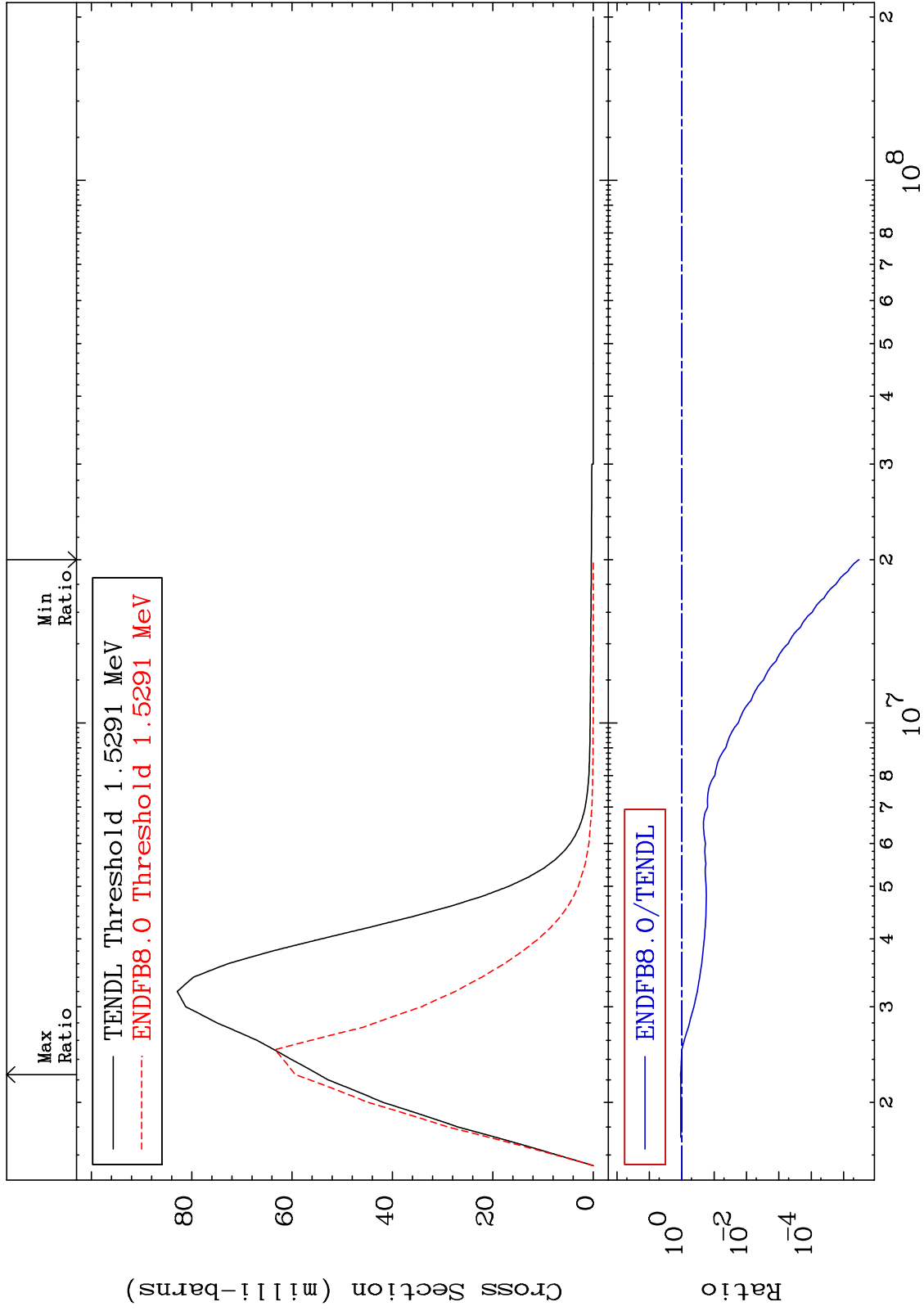
84-Po-209  
-100.0 To 260.8 %



MAT 8434

MT= 59 (n,n') Level  
Cross Section

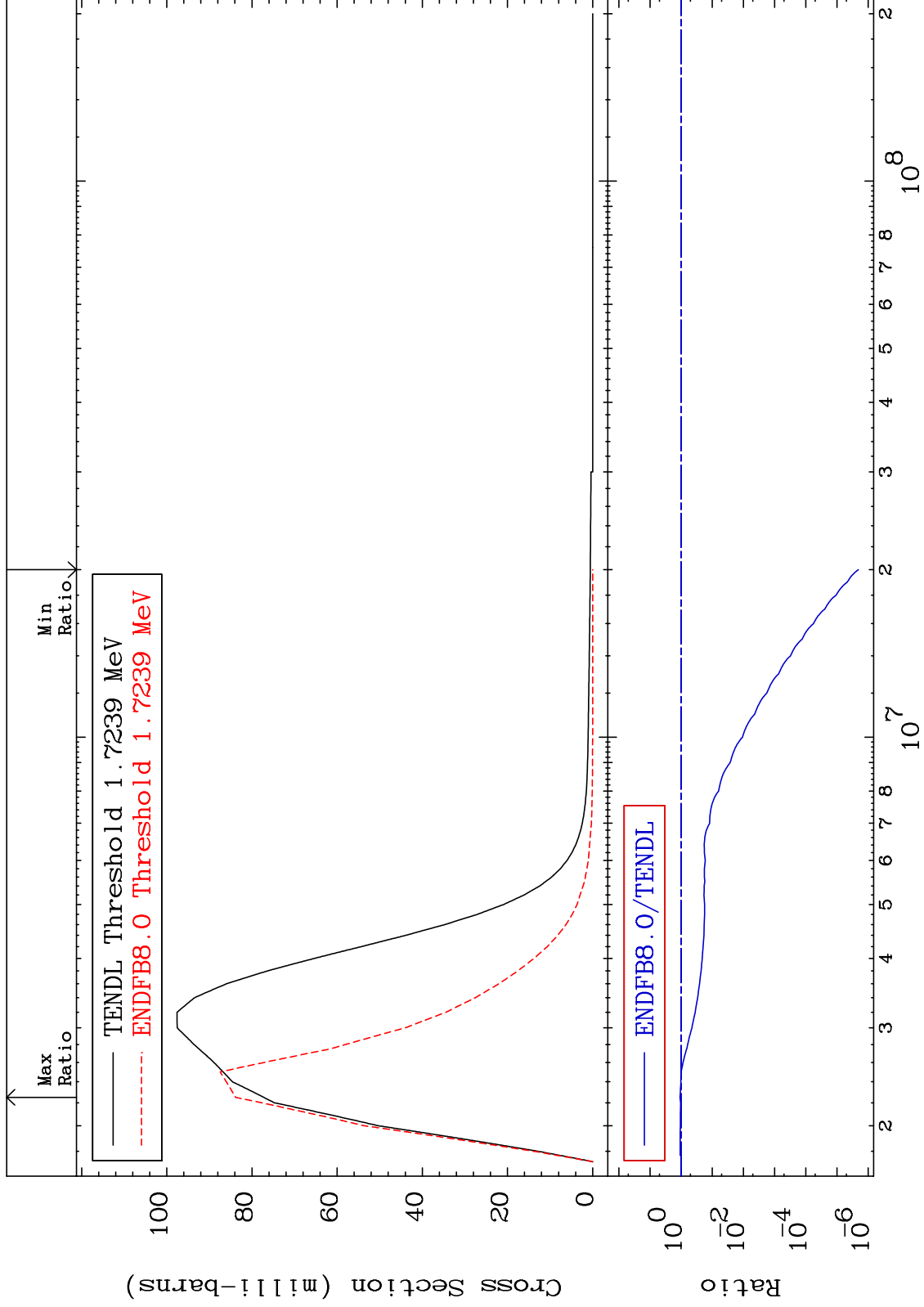
84-Po-209  
-100.0 To 8.592 %



MAT 8434

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

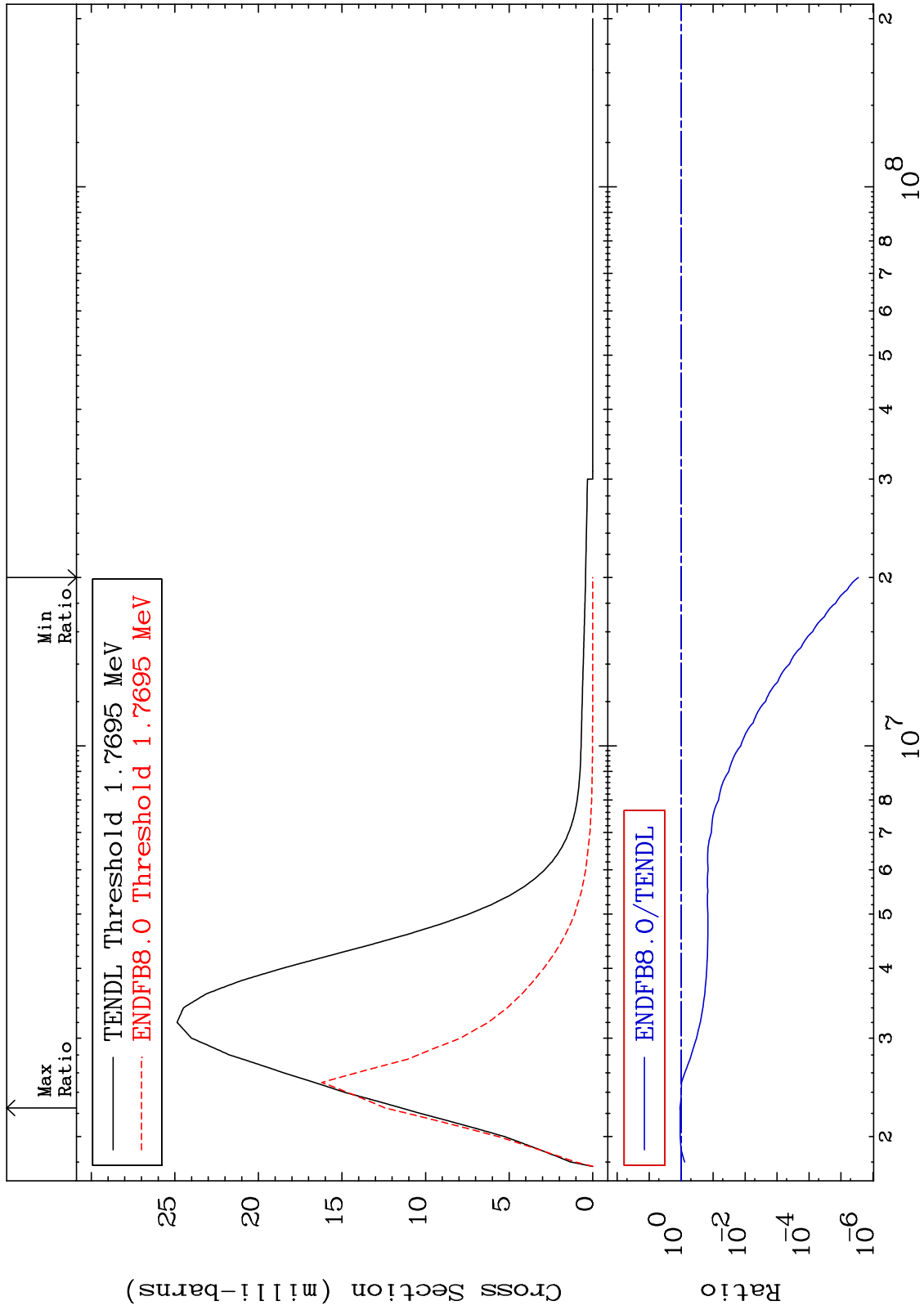
84-Po-209  
-100.0 To 8.570 %



MAT 8434

MT= 61 (n,n') Level  
Cross Section

84-Po-209  
-100.0 To 8.547 %

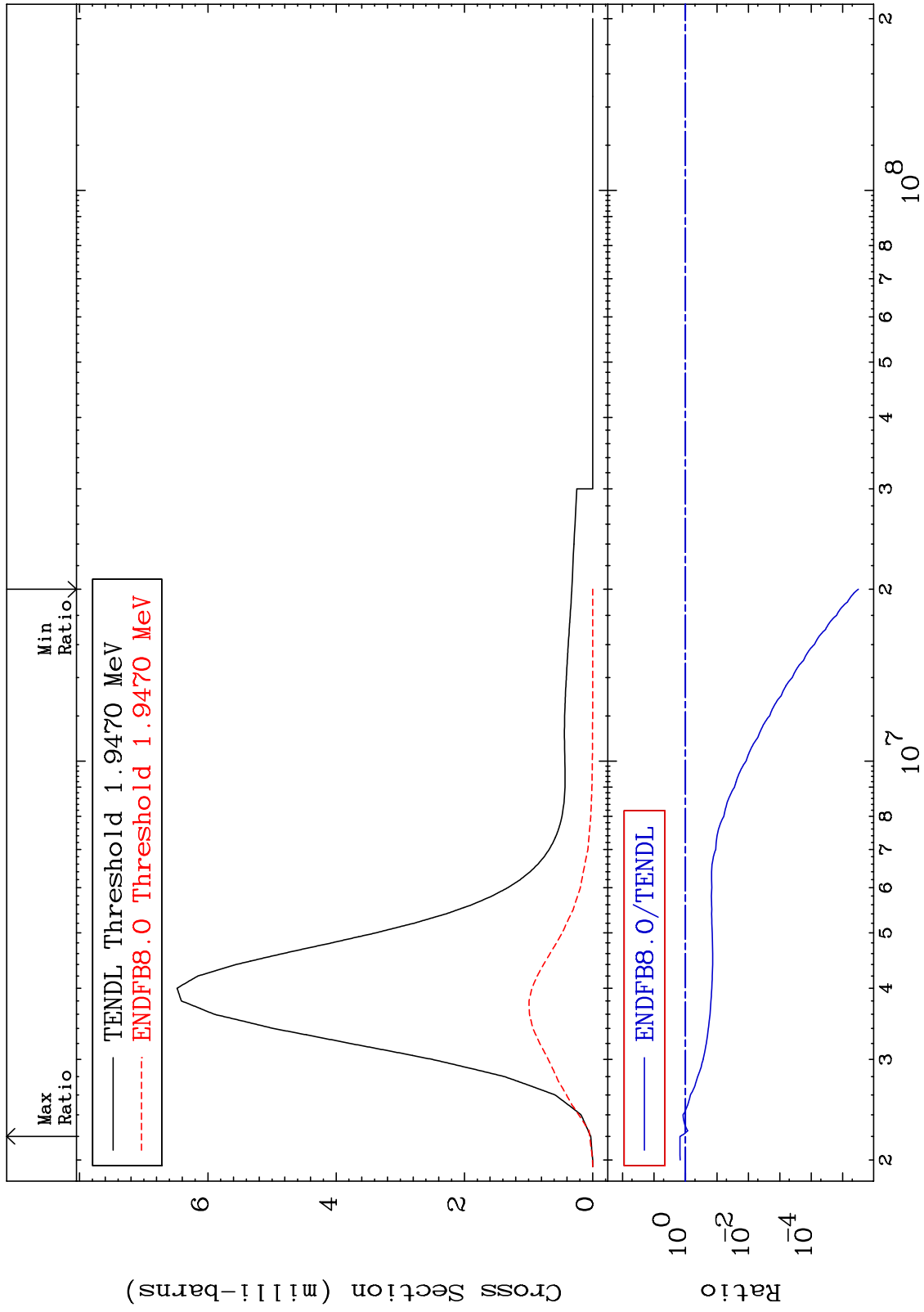




MAT 8434

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

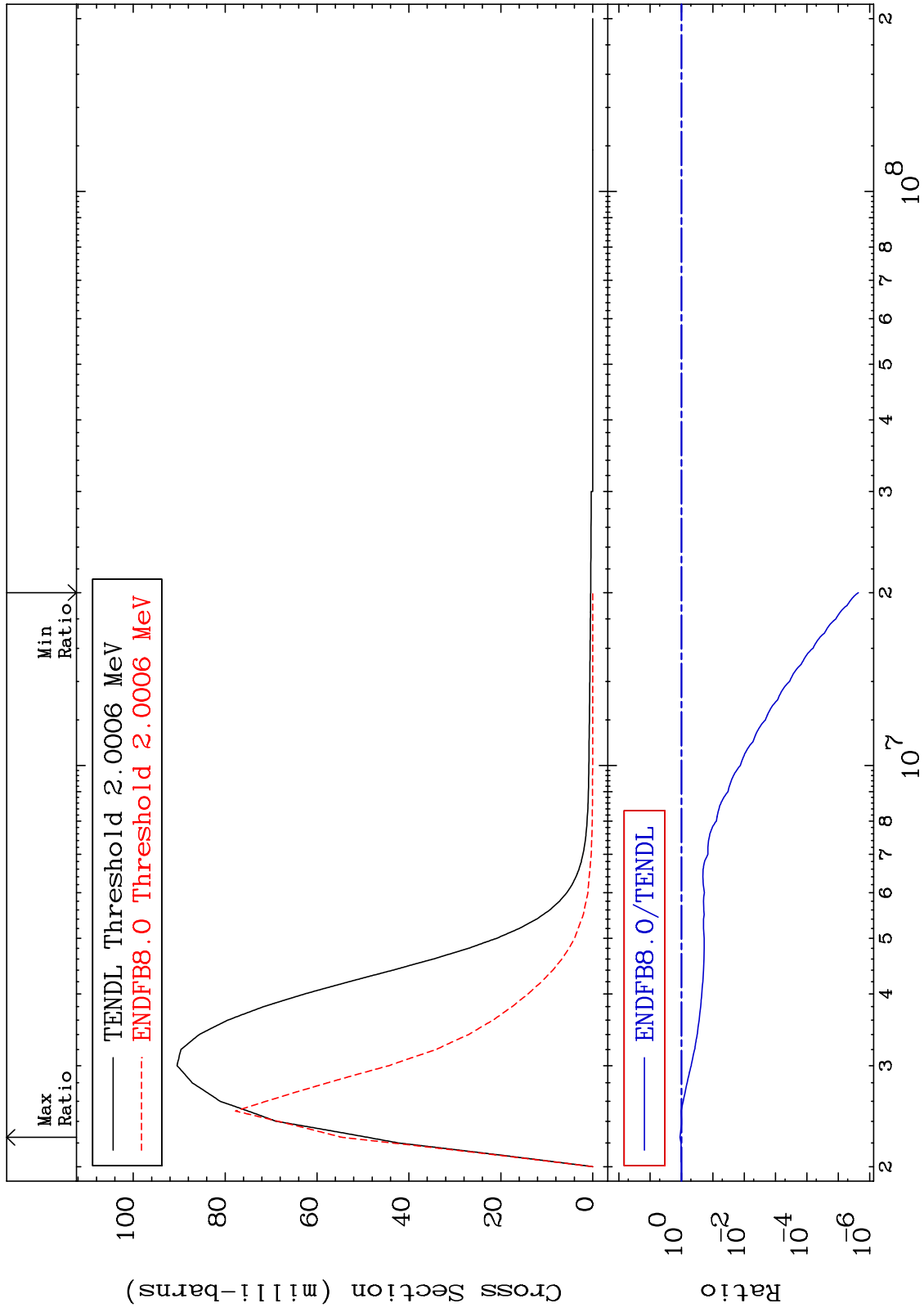
84-Po-209  
-100.0 To 49.44 %



MAT 8434

MT= 63 (n,n') Level  
Cross Section

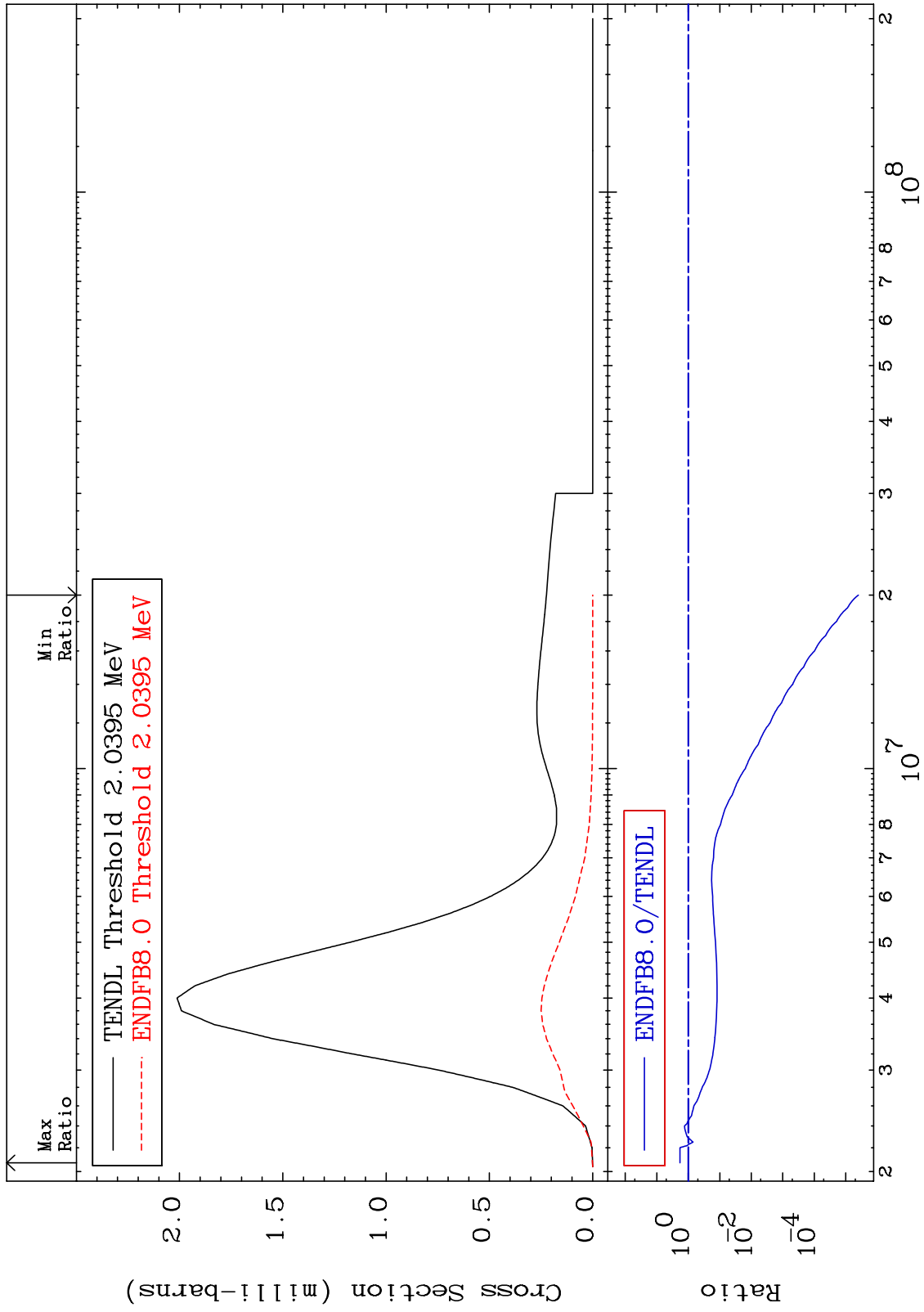
84-Po-209  
-100.0 To 11.48 %



MAT 8434

MT= 64 (n,n') Level  
Cross Section

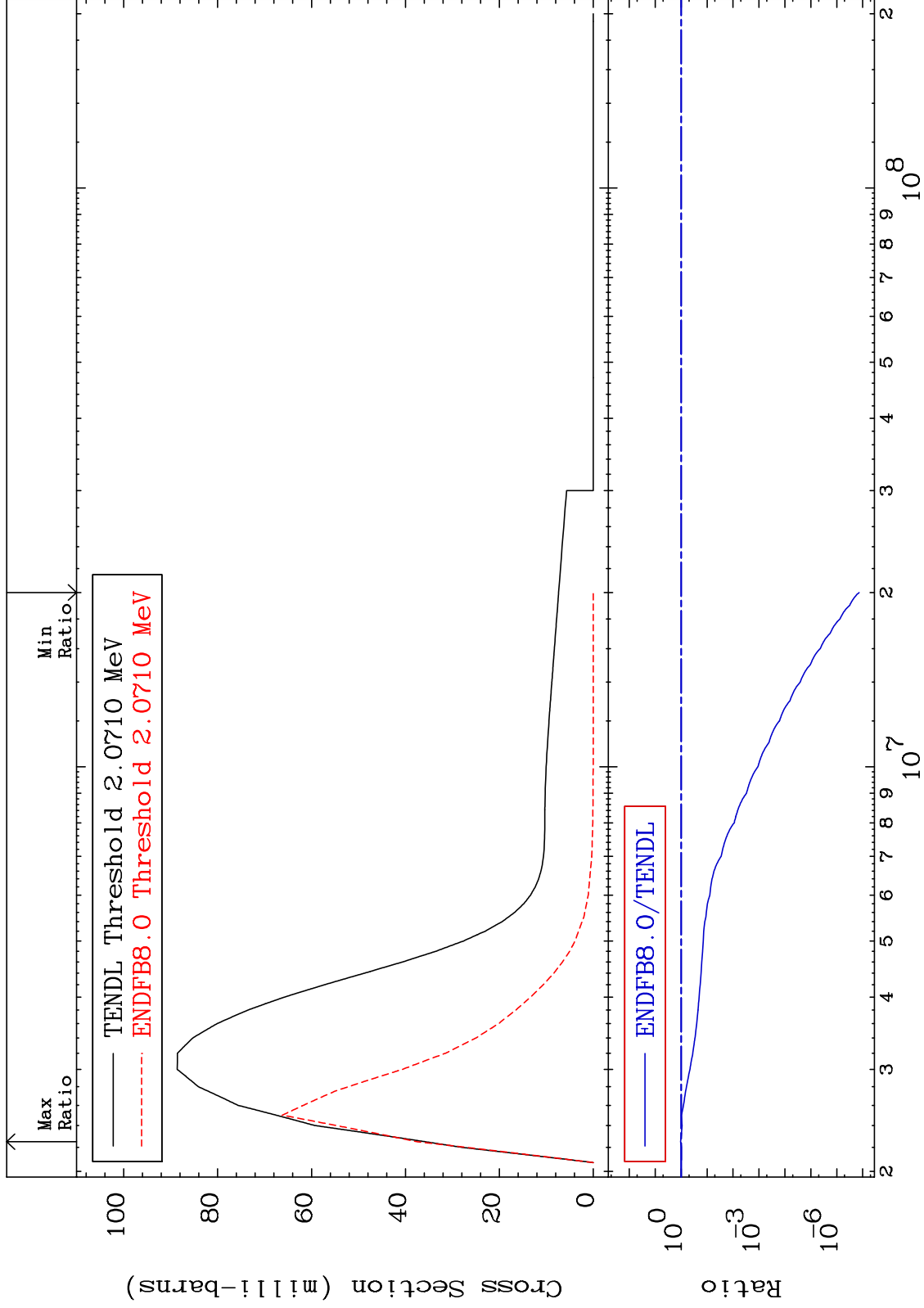
84-Po-209  
-100.0 To 82.76 %



MAT 8434

MT= 65 (n,n') Level  
Cross Section

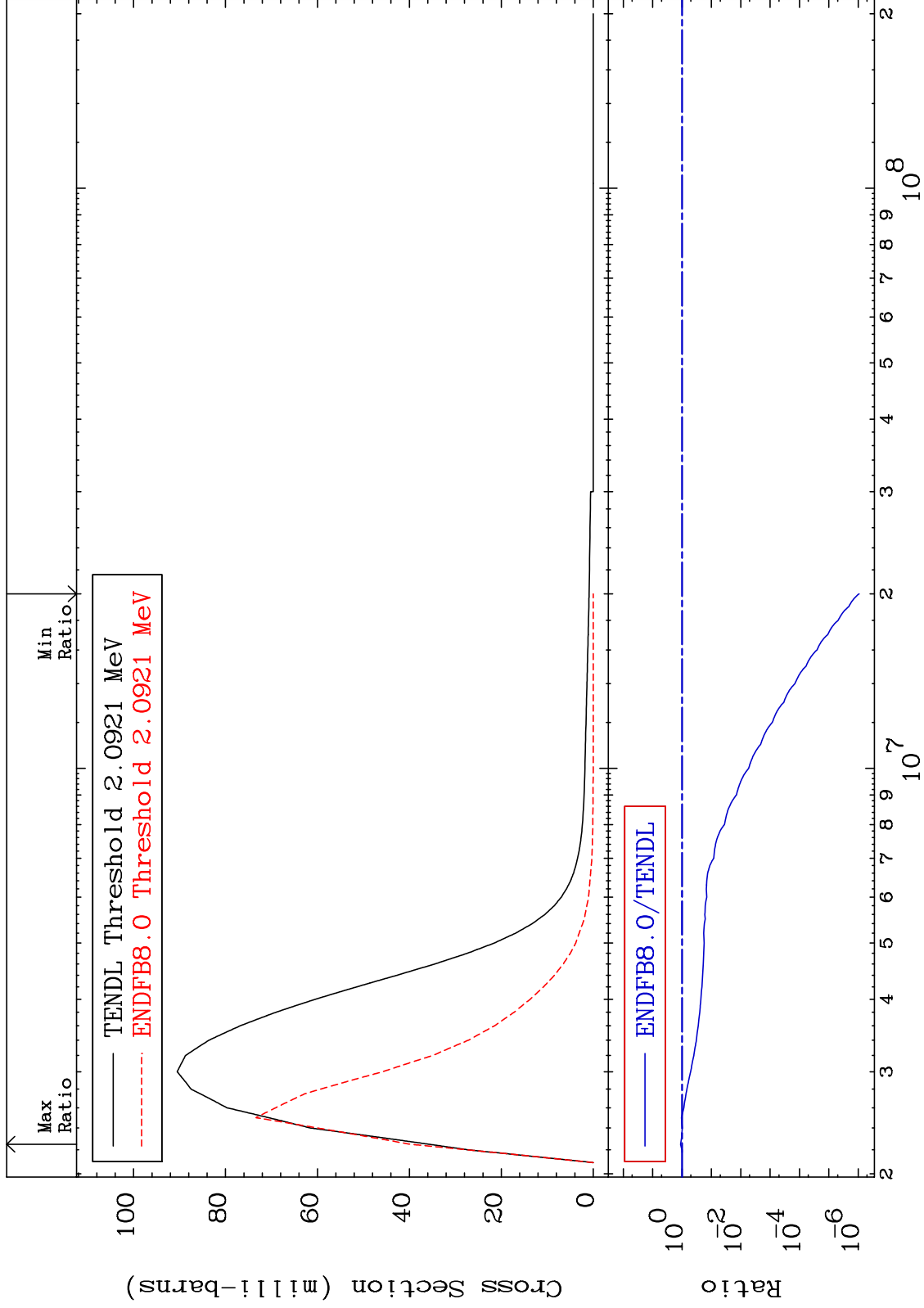
84-Po-209  
-100.0 To 4.876 %



MAT 8434

MT= 66 (n,n') Level  
Cross Section

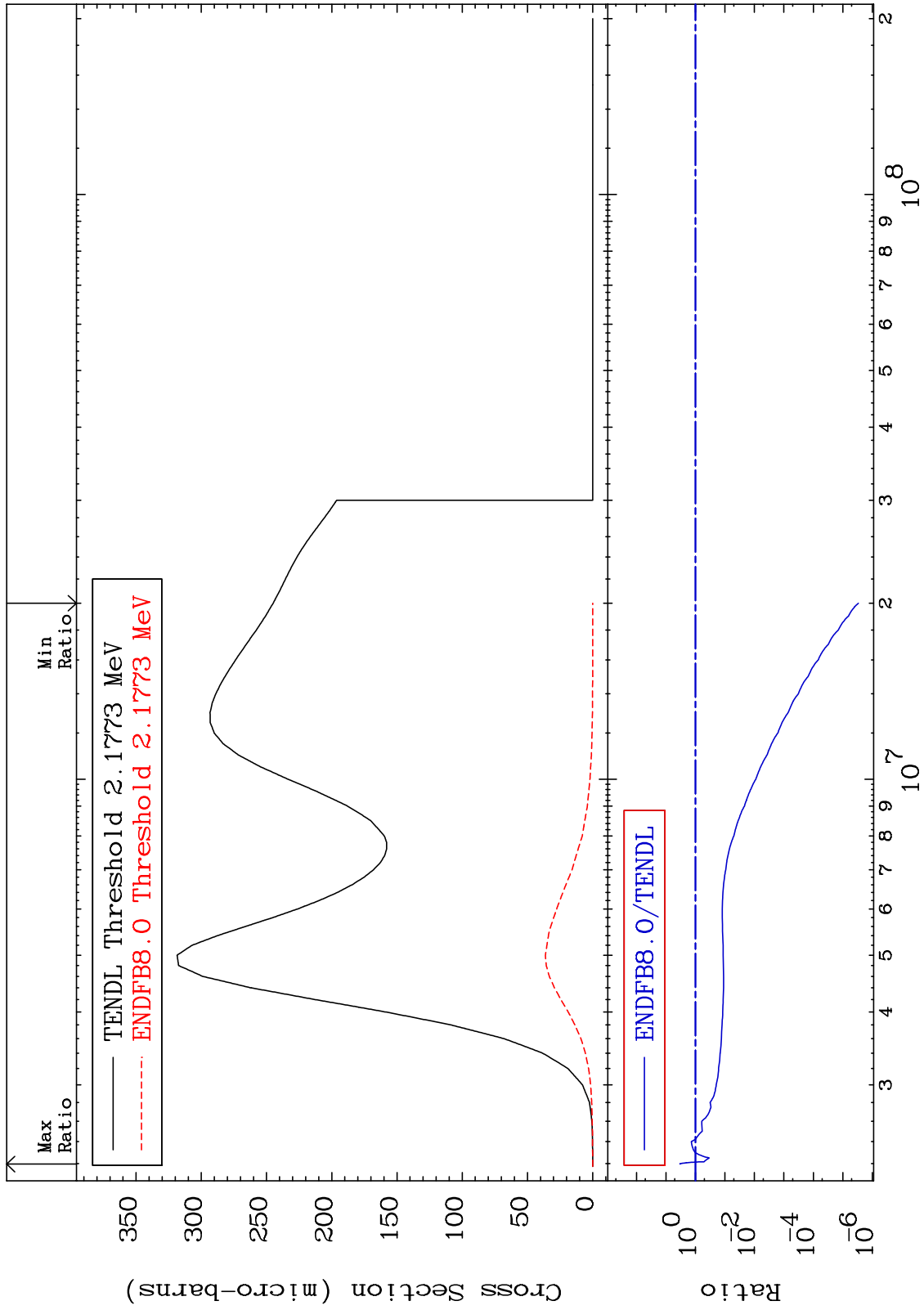
84-Po-209  
-100.0 To 11.49 %



MAT 8434

MT= 67 (n,n') Level  
Cross Section

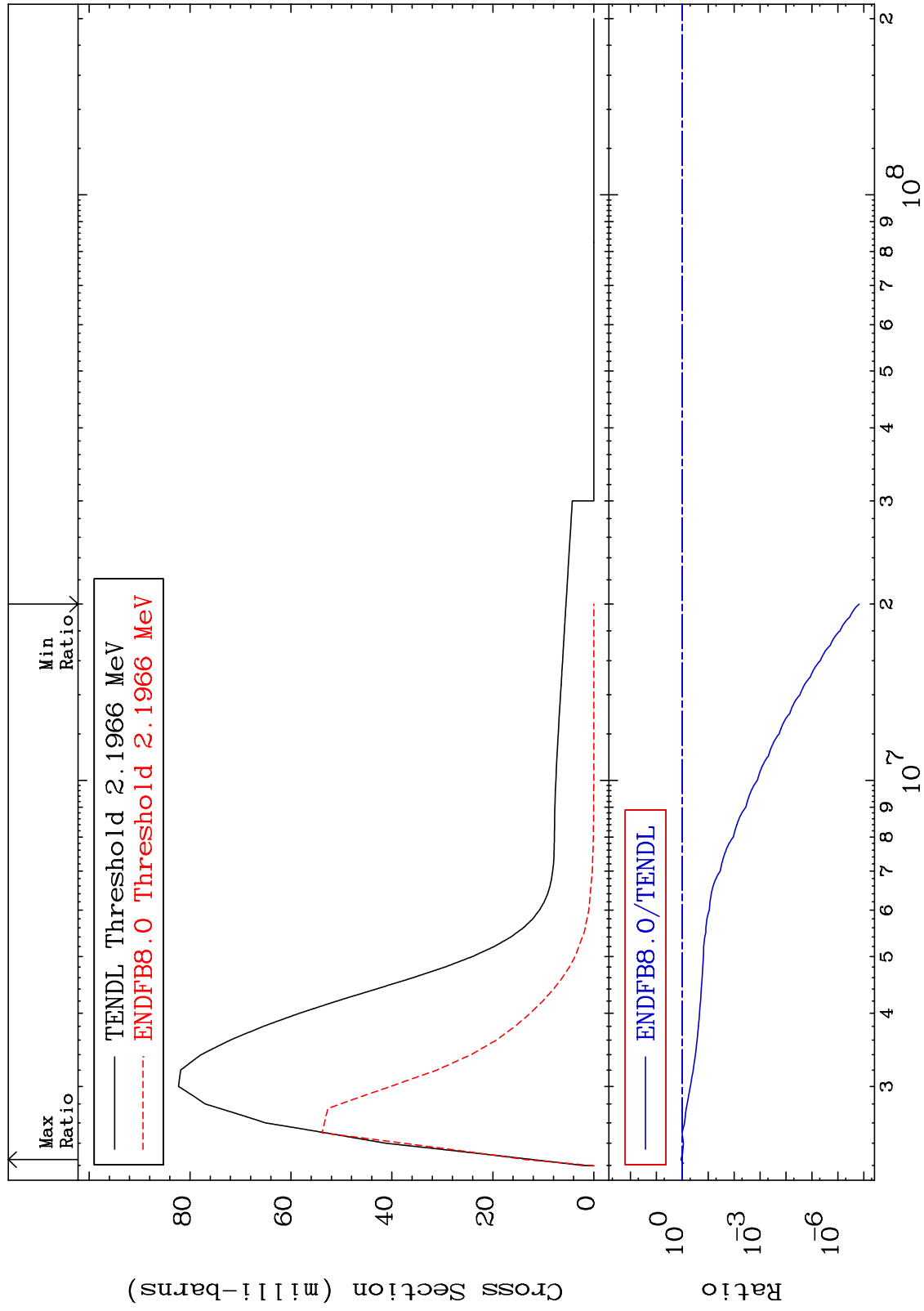
84-Po-209  
-100.0 To 232.8 %



MAT 8434

MT= 68 (n,n') Level  
Cross Section

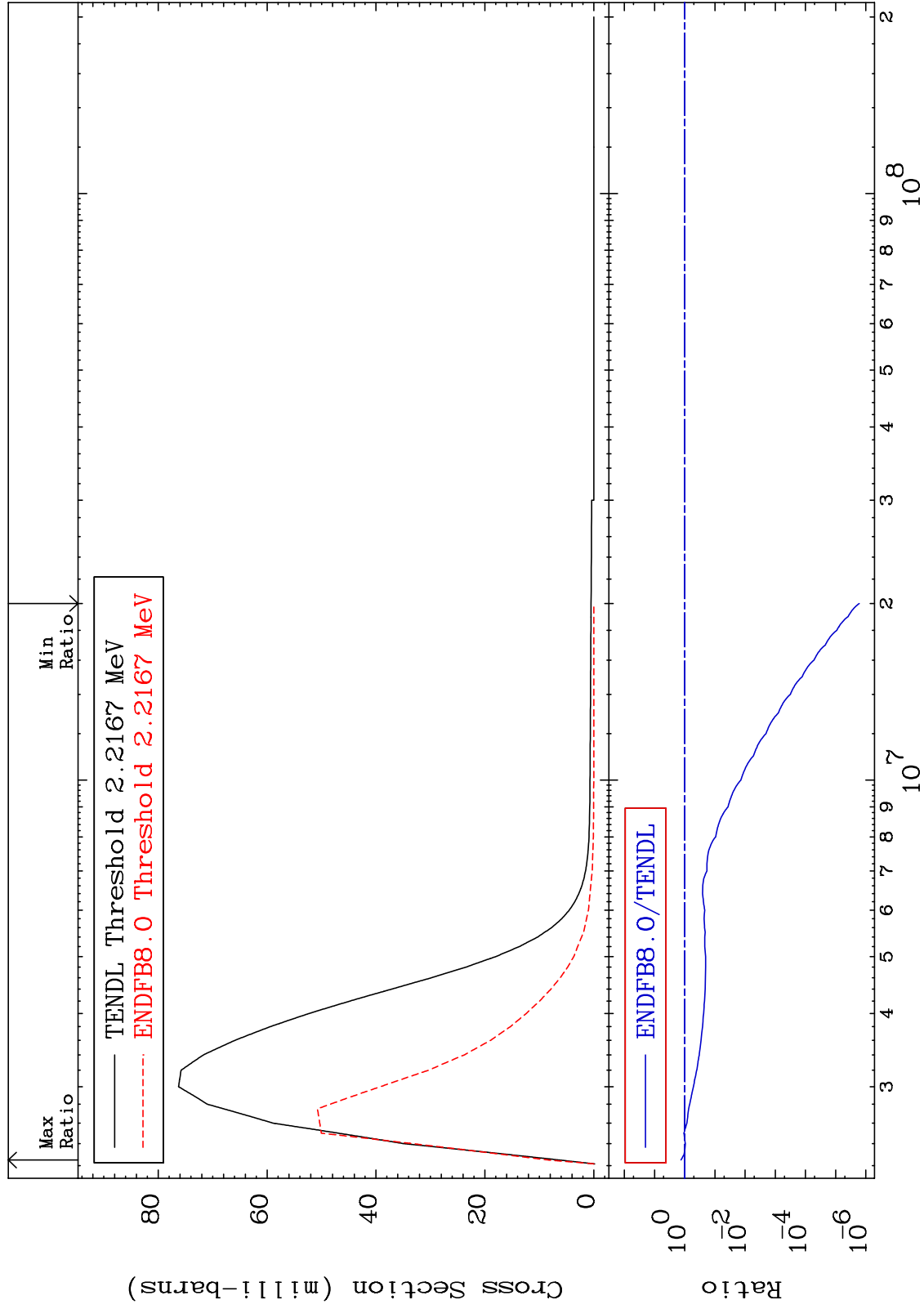
84-Po-209  
-100.0 To 11.96 %



MAT 8434

MT= 69 (n,n') Level  
Cross Section

84-Po-209  
-100.0 To 32.60 %

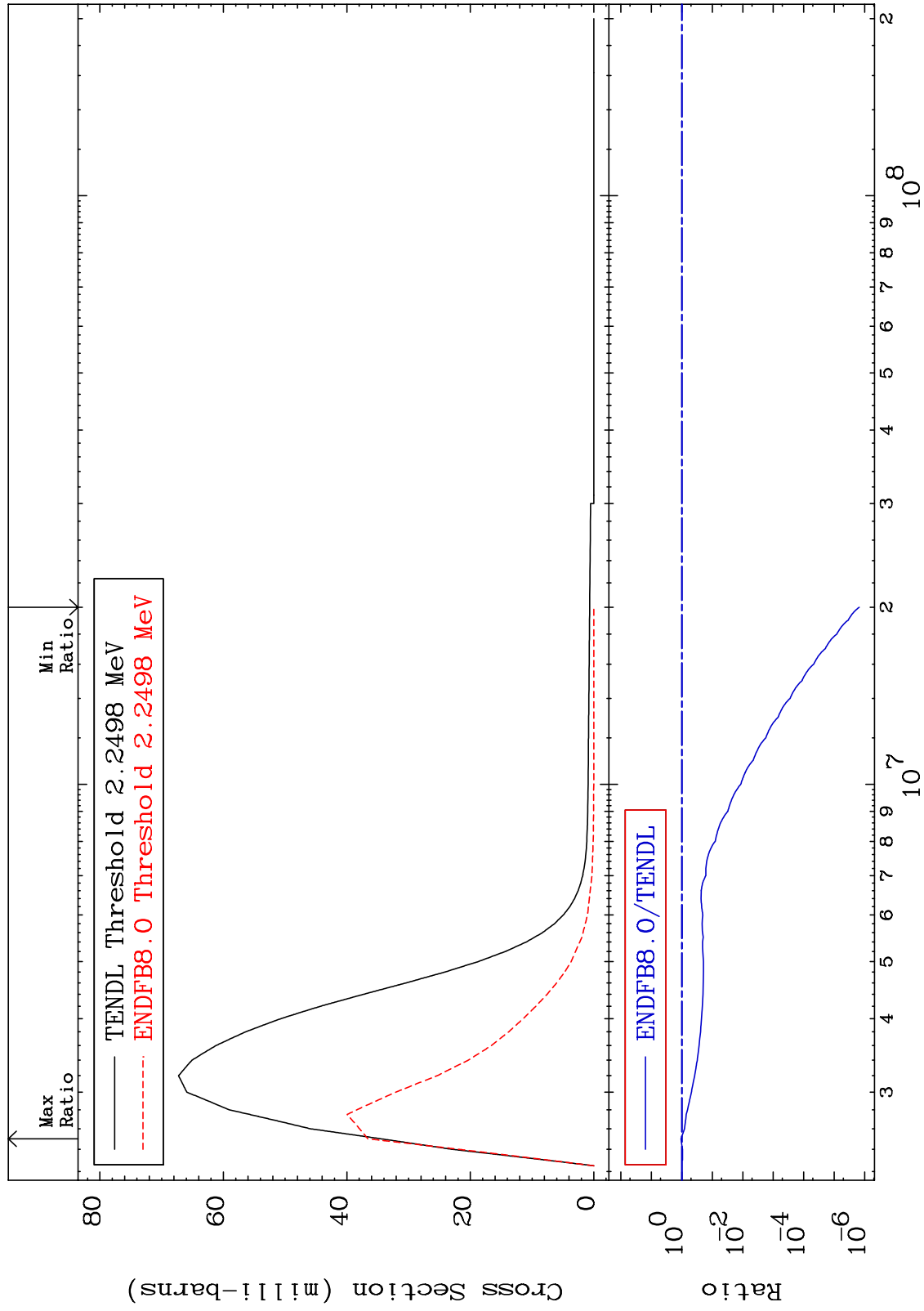




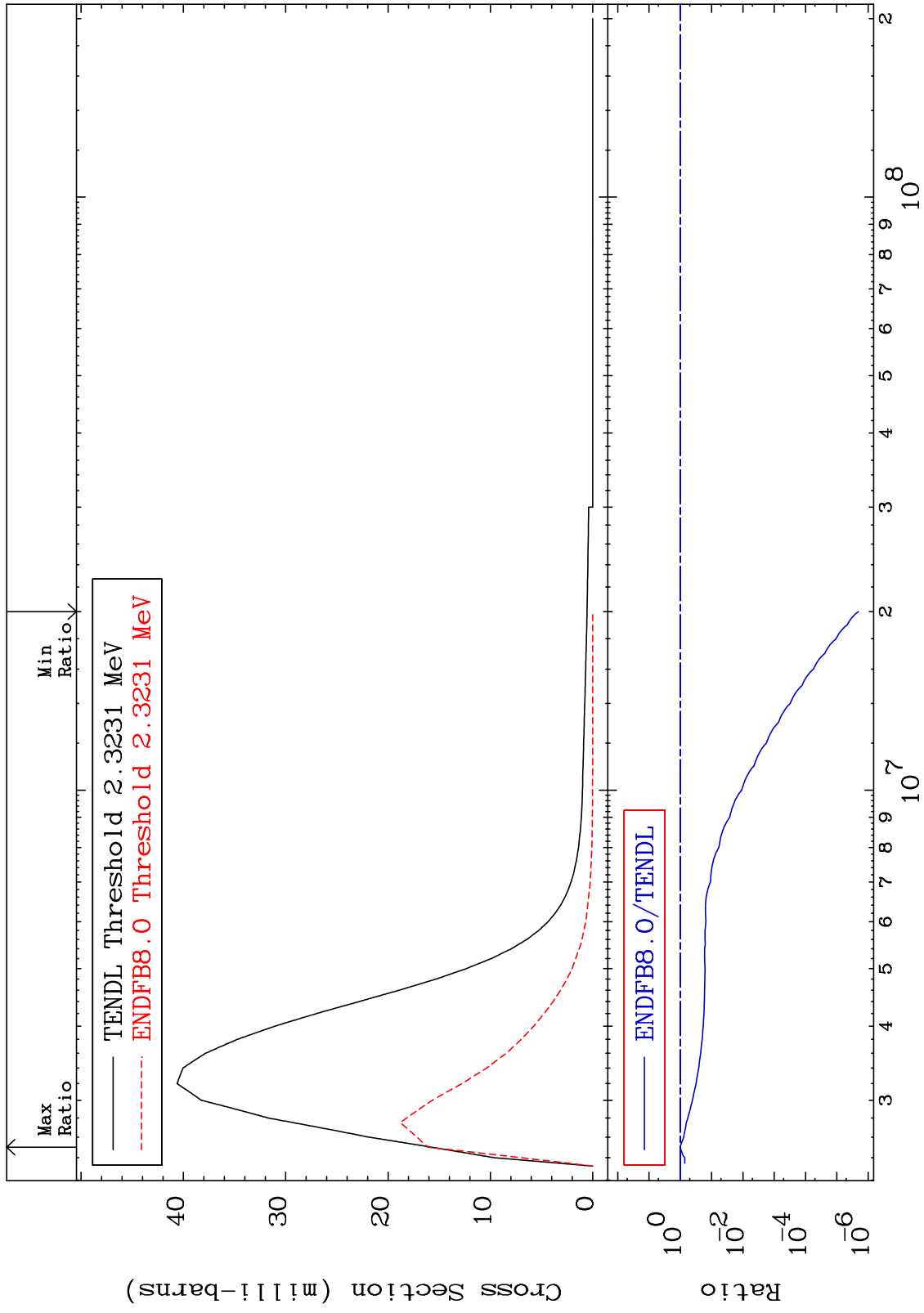
MAT 8434

MT= 70 (n,n') Level  
Cross Section

84-Po-209  
-100.0 To 6.143 %



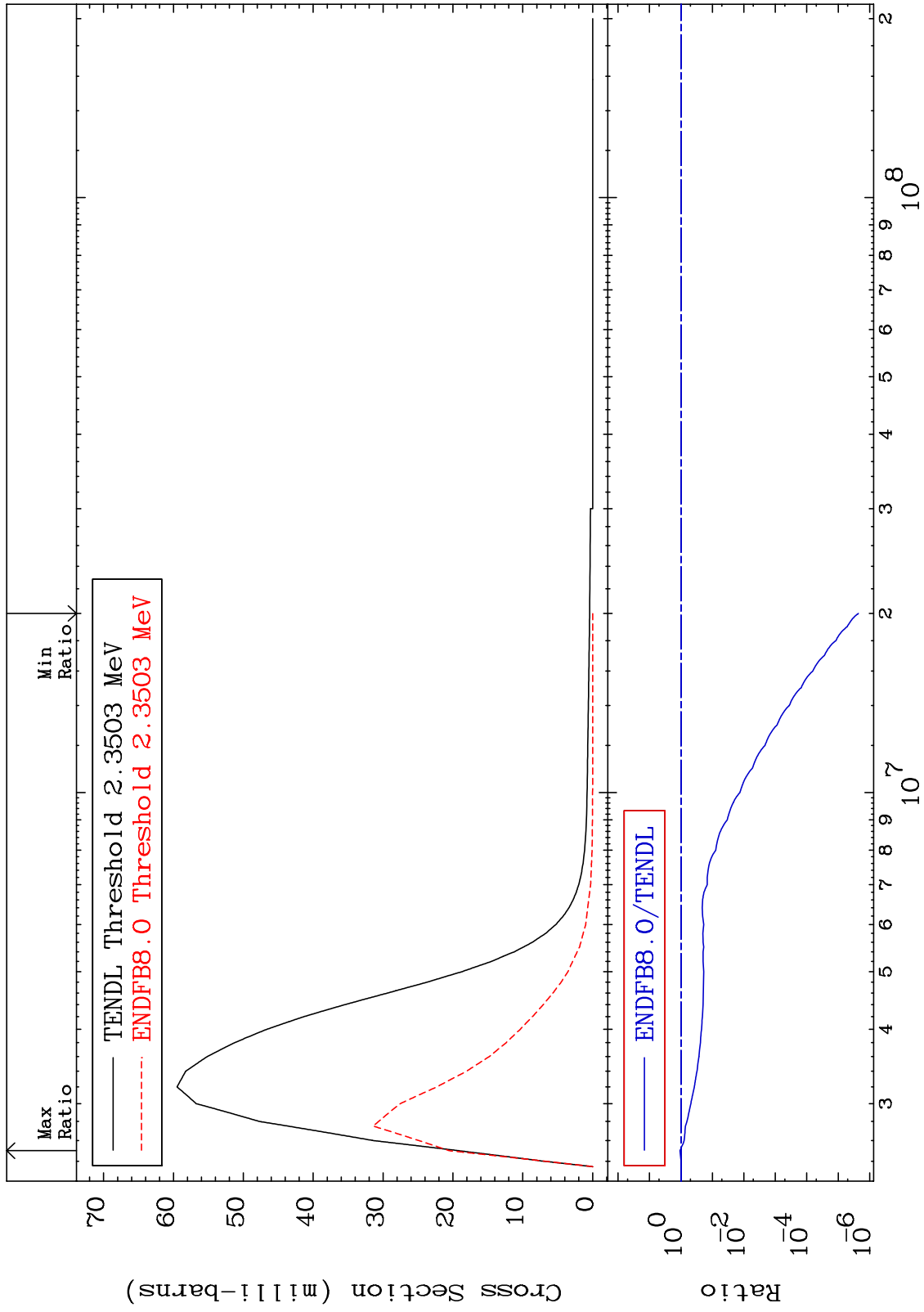
MAT 8434 MT= 71 (n,n') Level Cross Section 84-Po-209 -100.0 To 2.121 %



MAT 8434

MT= 72 (n,n') Level  
Cross Section

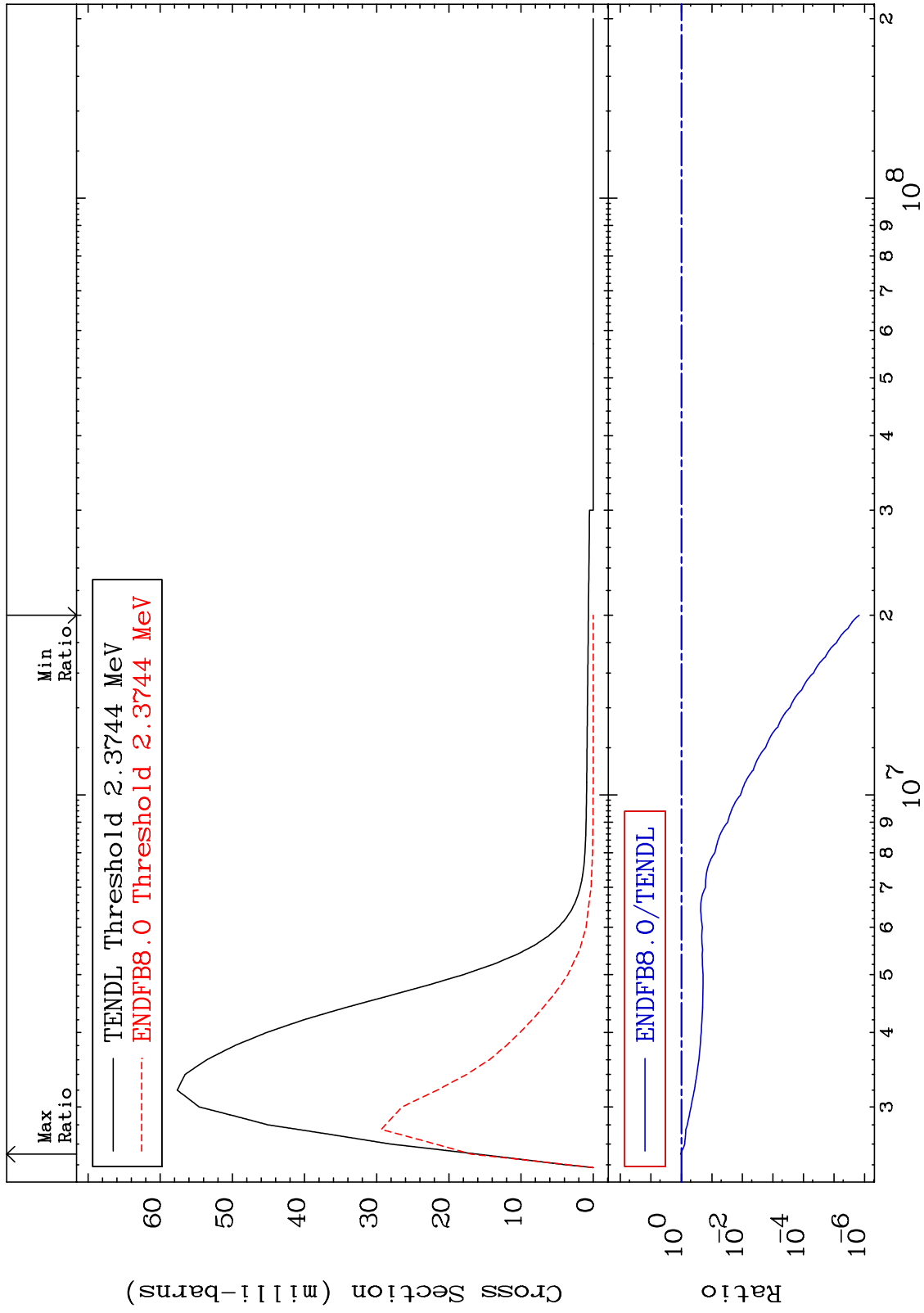
84-Po-209  
-100.0 To 7.018 %



MAT 8434

MT= 73 (n,n') Level  
Cross Section

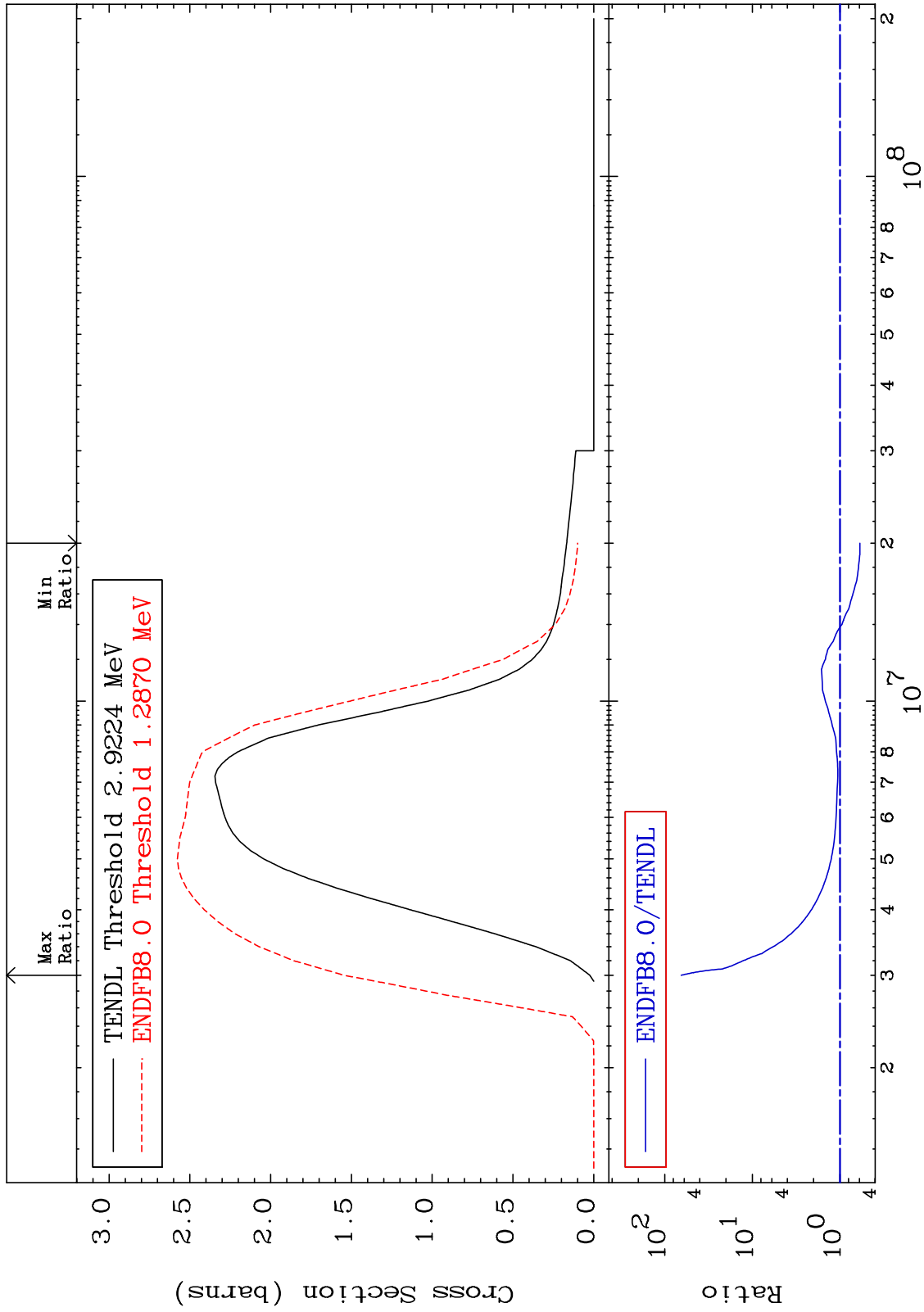
84-Po-209  
-100.0 To 5.799 %



MAT 8434

(n, n') Continuum  
Cross Section

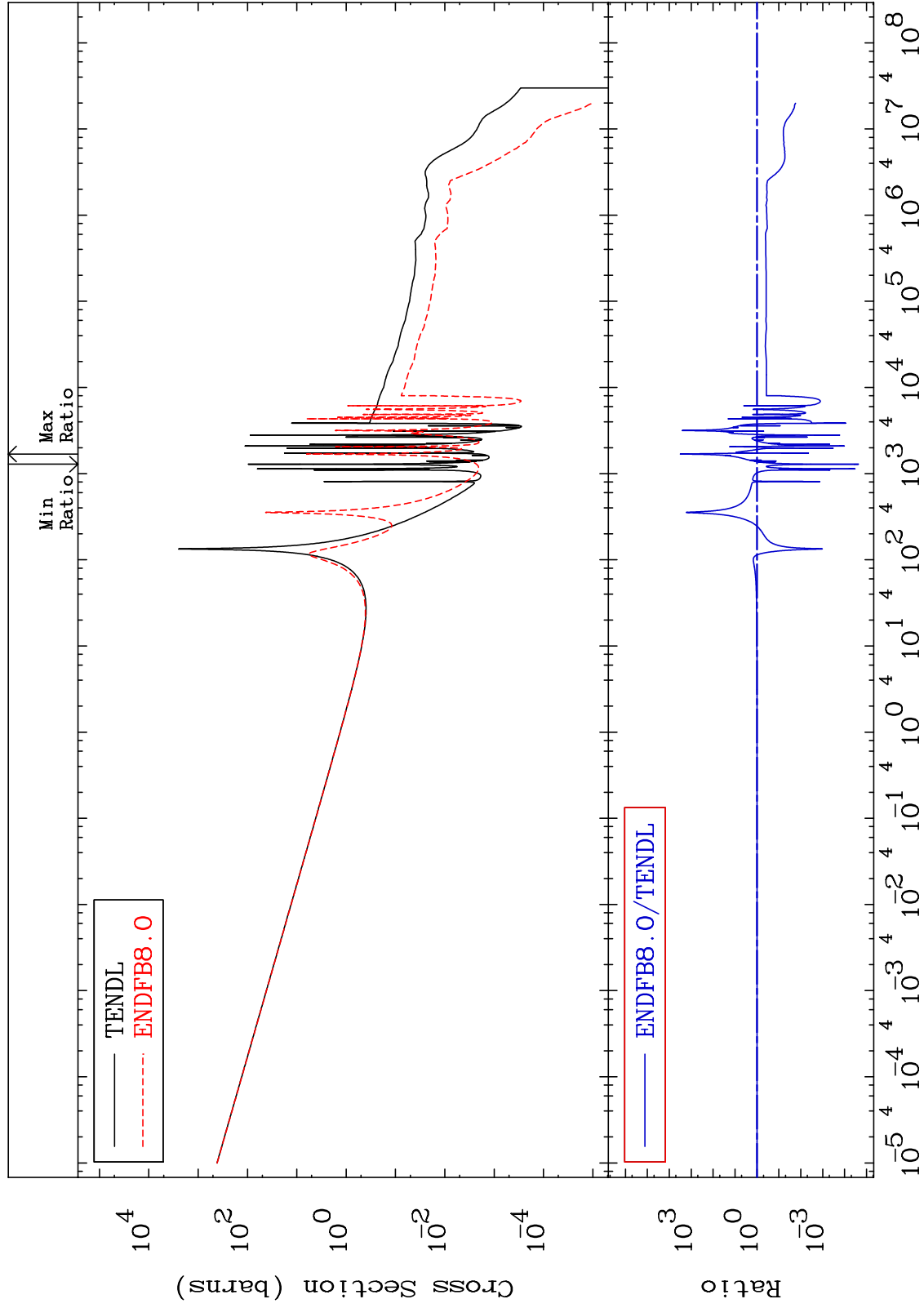
84-Po-209  
-40.71 To 6392. %



MAT 8434

(n,  $\gamma$ )  
Cross Section

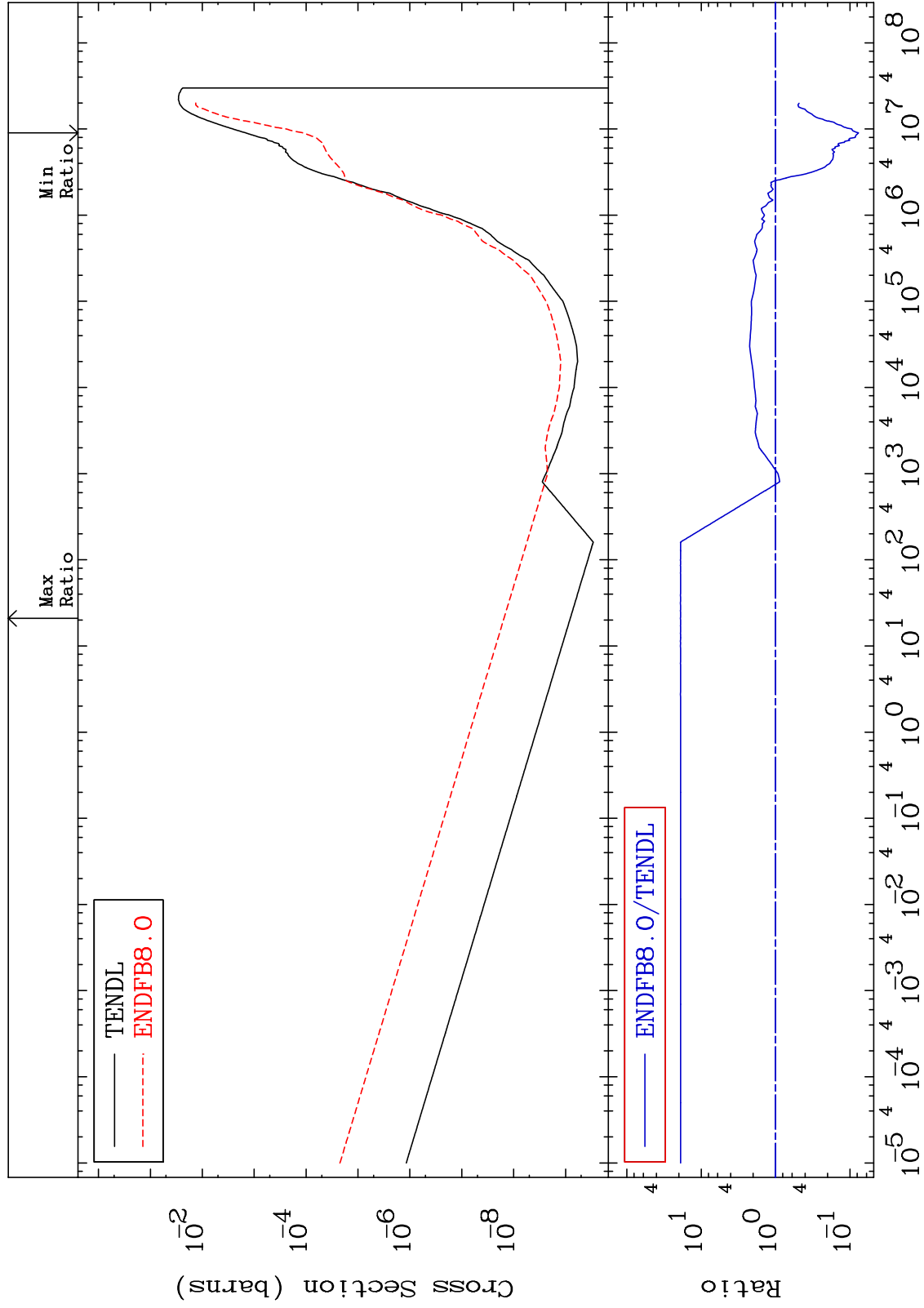
84-Po-209  
-100.0 To 9999. %



MAT 8434

(n,p)  
Cross Section

84-Po-209  
-92.33 To 1799. %



30

Incident Energy (eV)

84-Po-209

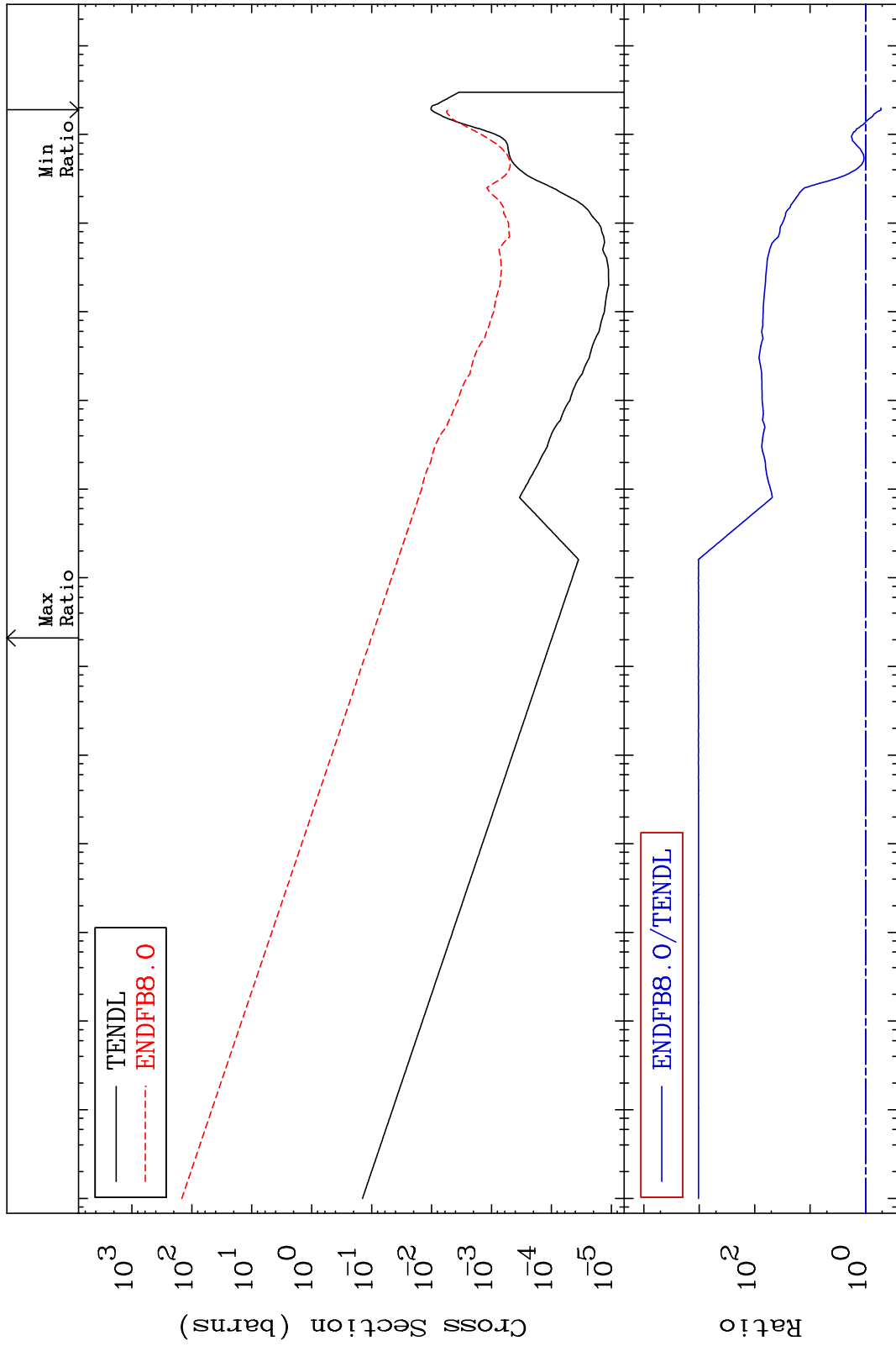
MAT 8434

(n,  $\alpha$ )

84-Po-209

-48.65 To 9999. %

Cross Section

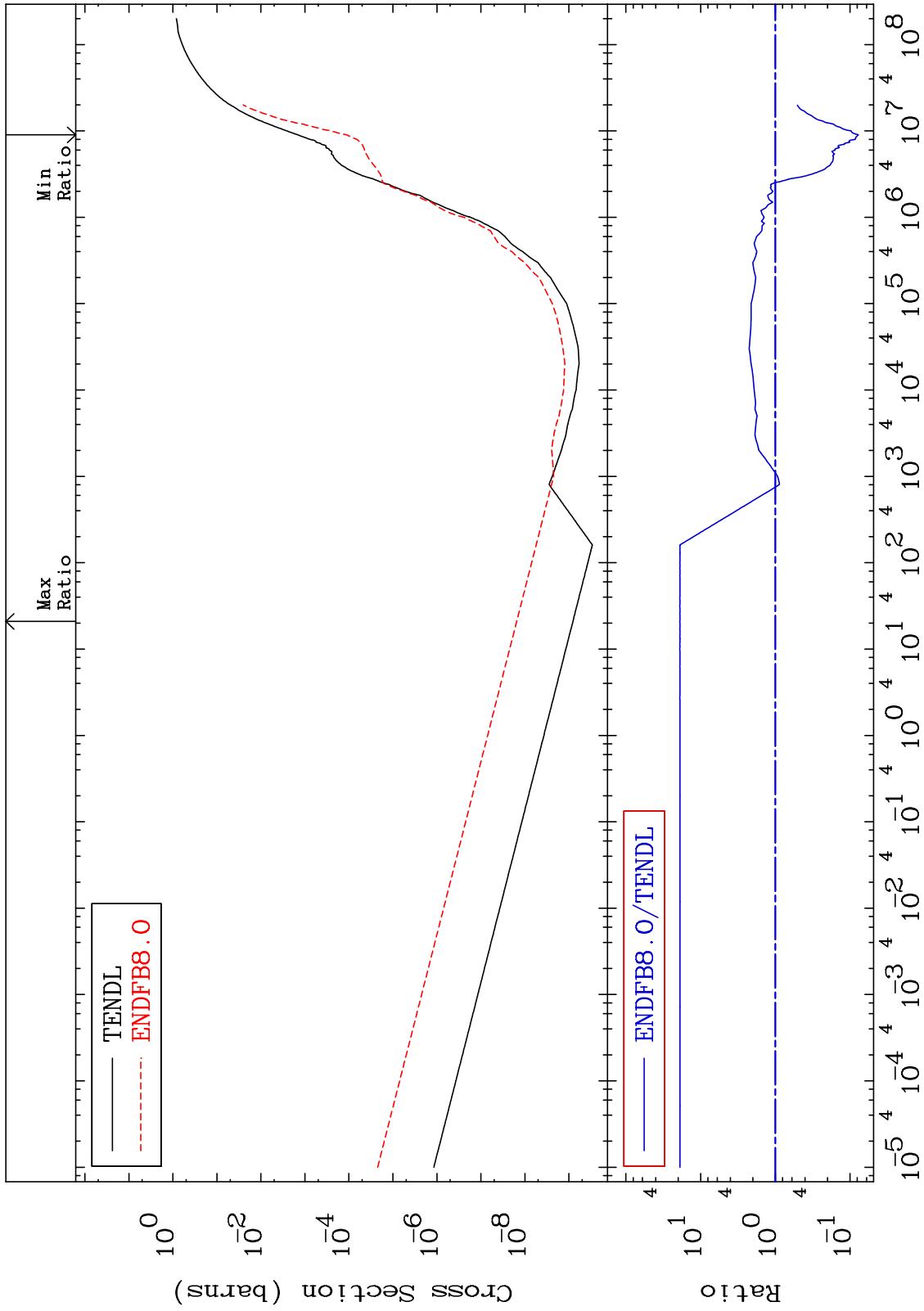




MAT 8434

Hydrogen Production  
Cross Section

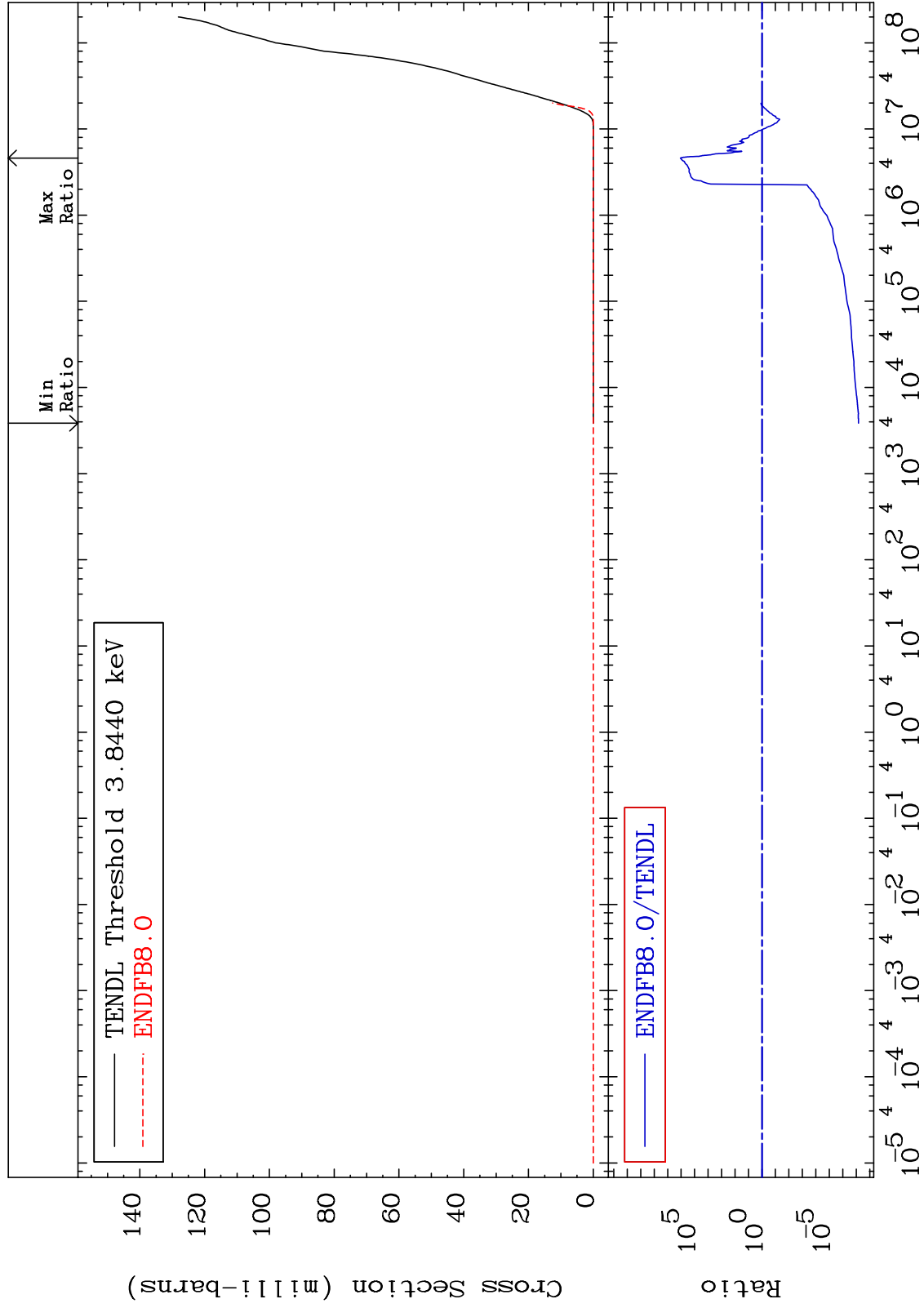
84-Po-209  
-92.26 To 1799. %



MAT 8434

Deuterium Production  
Cross Section

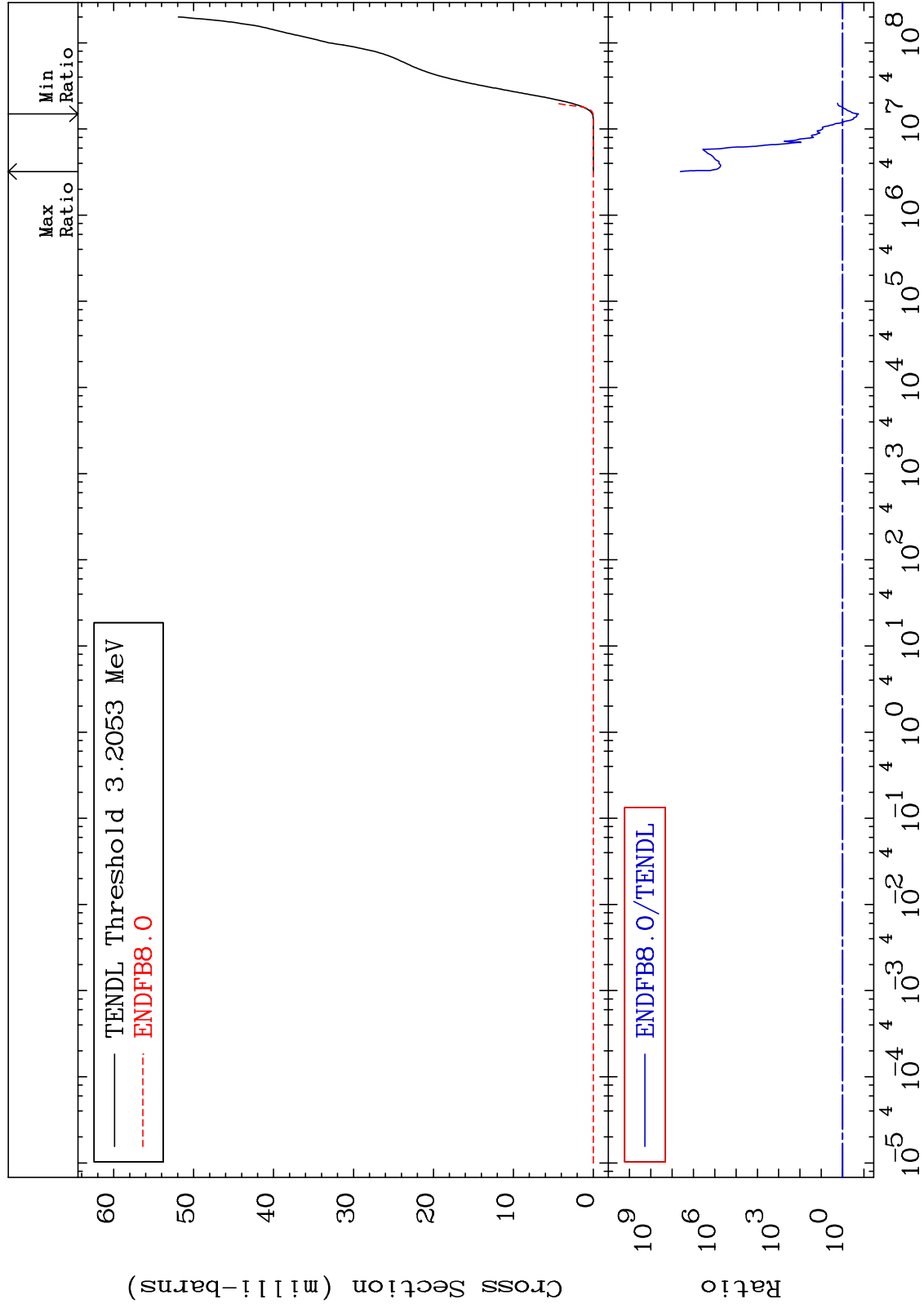
84-Po-209  
-100.0 To 9999. %



MAT 8434

Tritium Production  
Cross Section

84-Po-209  
-82.04 To 9999. %



34

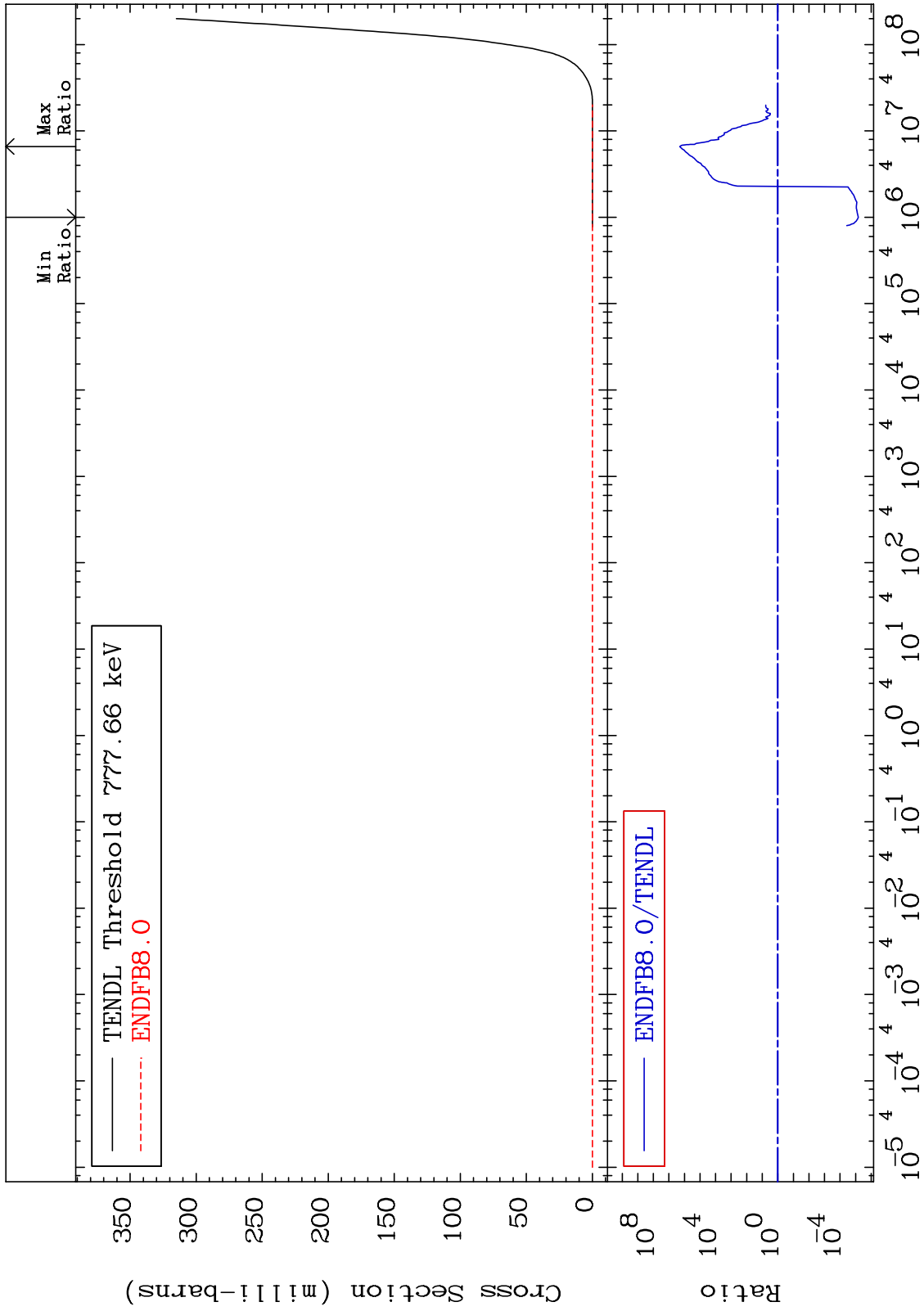
Incident Energy (eV)

84-Po-209

MAT 8434

He-3 Production  
Cross Section

84-Po-209  
-100.0 To 9999. %



35

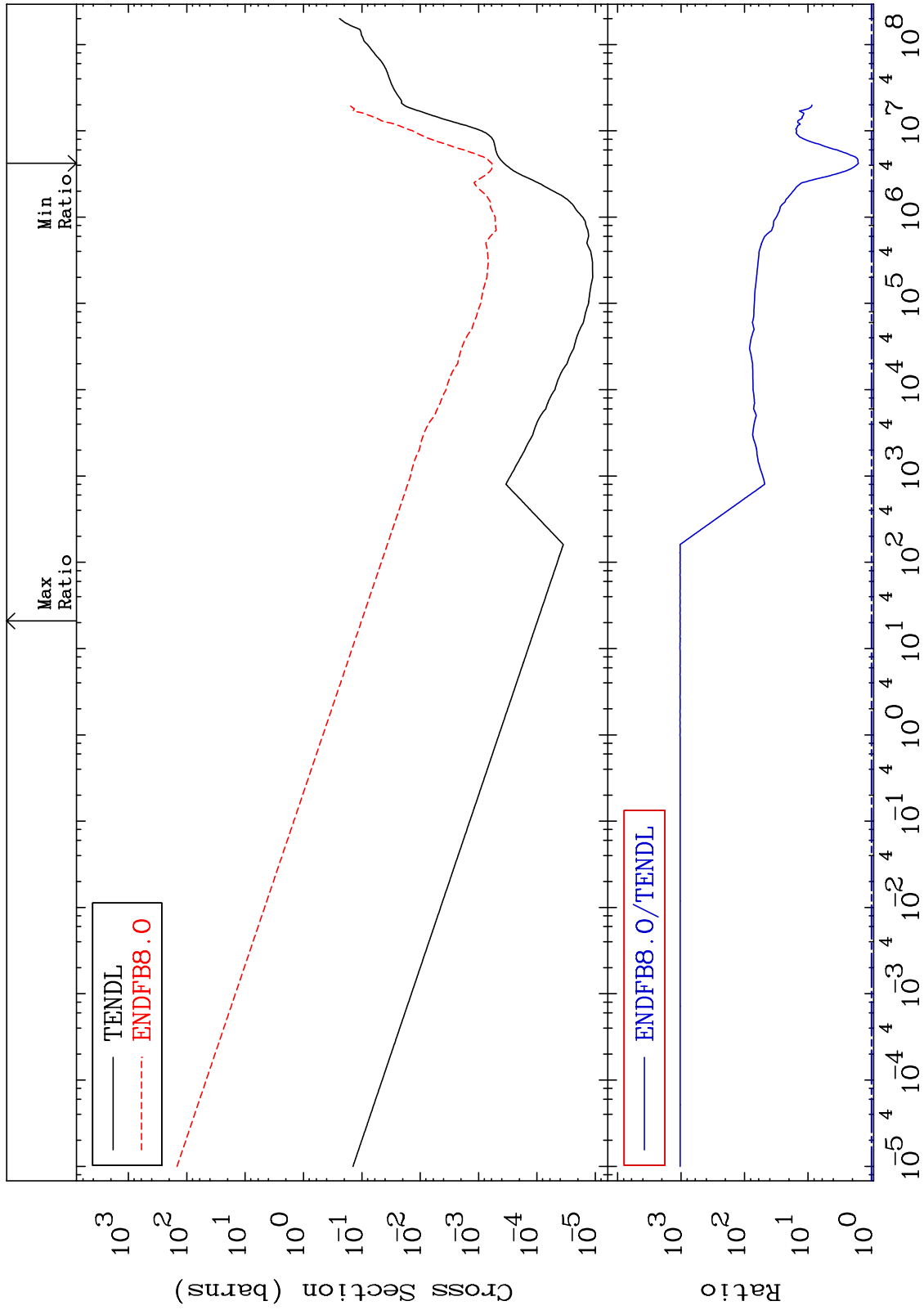
Incident Energy (eV)

84-Po-209

MAT 8434

He-4 Production  
Cross Section

84-Po-209  
60.82 To 9999. %



36

Incident Energy (eV)

84-Po-209

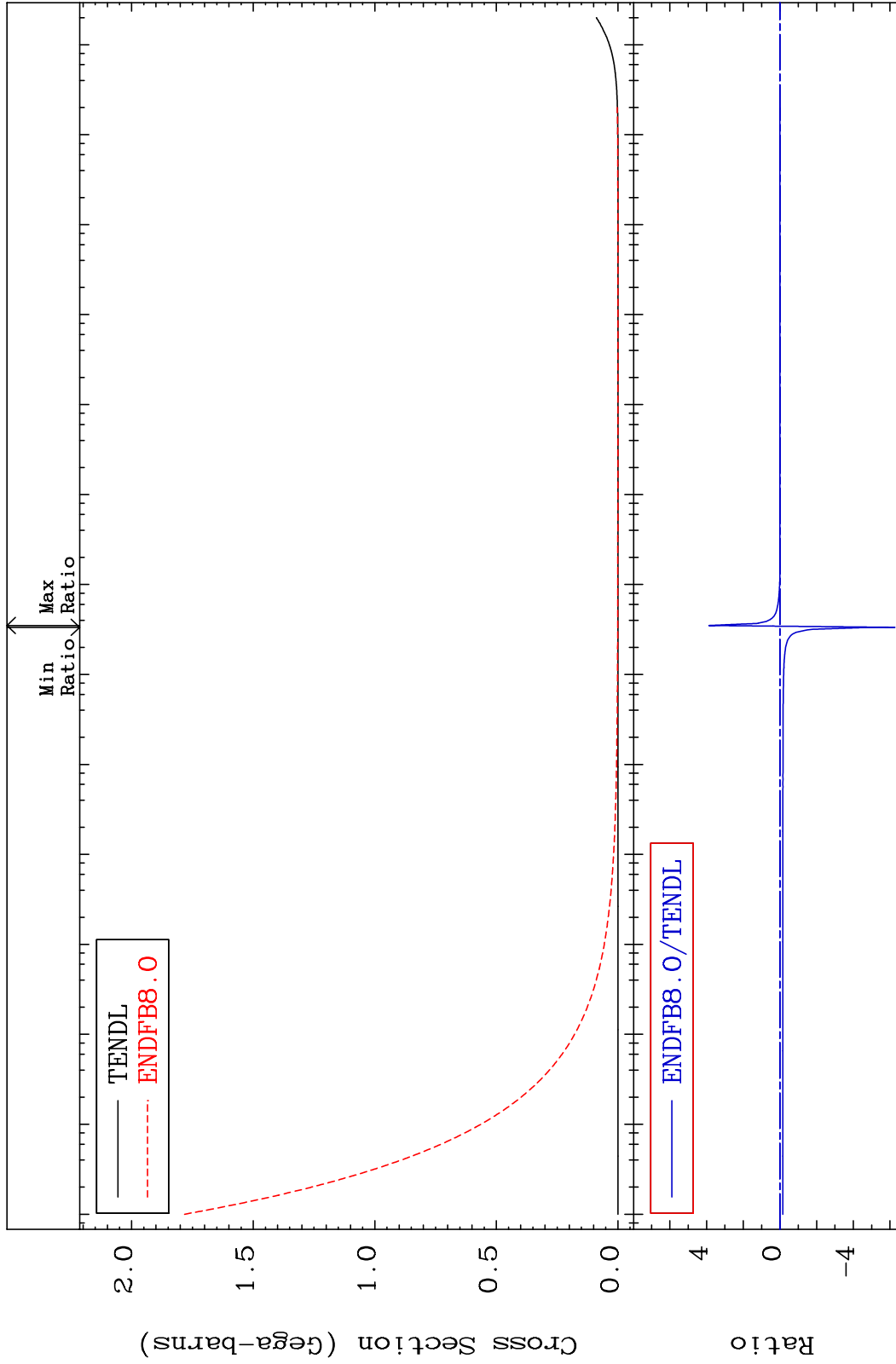
MAT 8434

Kerma total (eV-barns)

84-Po-209

-9999. To 9999. %

Cross Section



Incident Energy (eV)

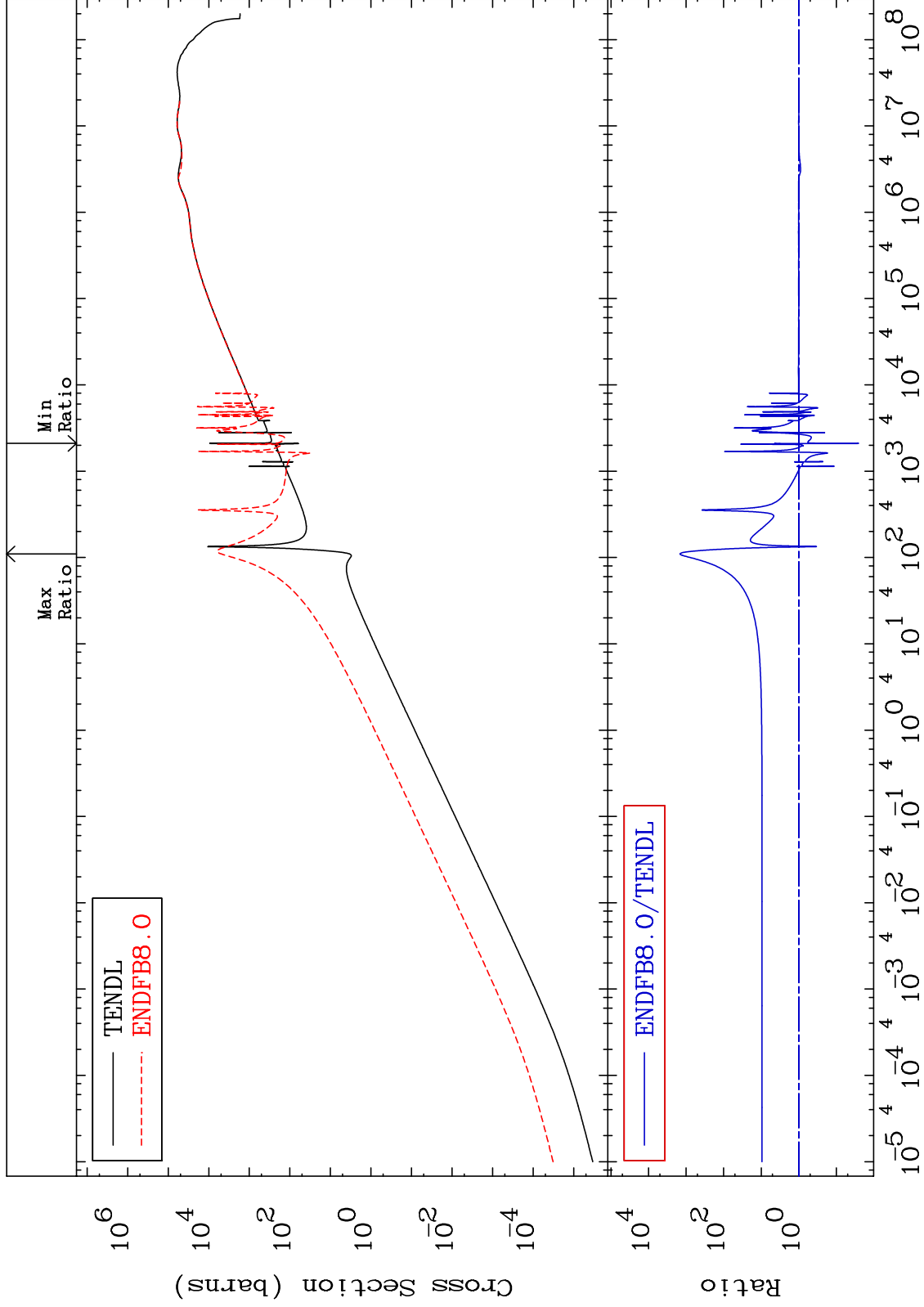
37

84-Po-209

MAT 8434

Kerma elastic  
Cross Section

84-Po-209  
-97.42 To 9999. %



38

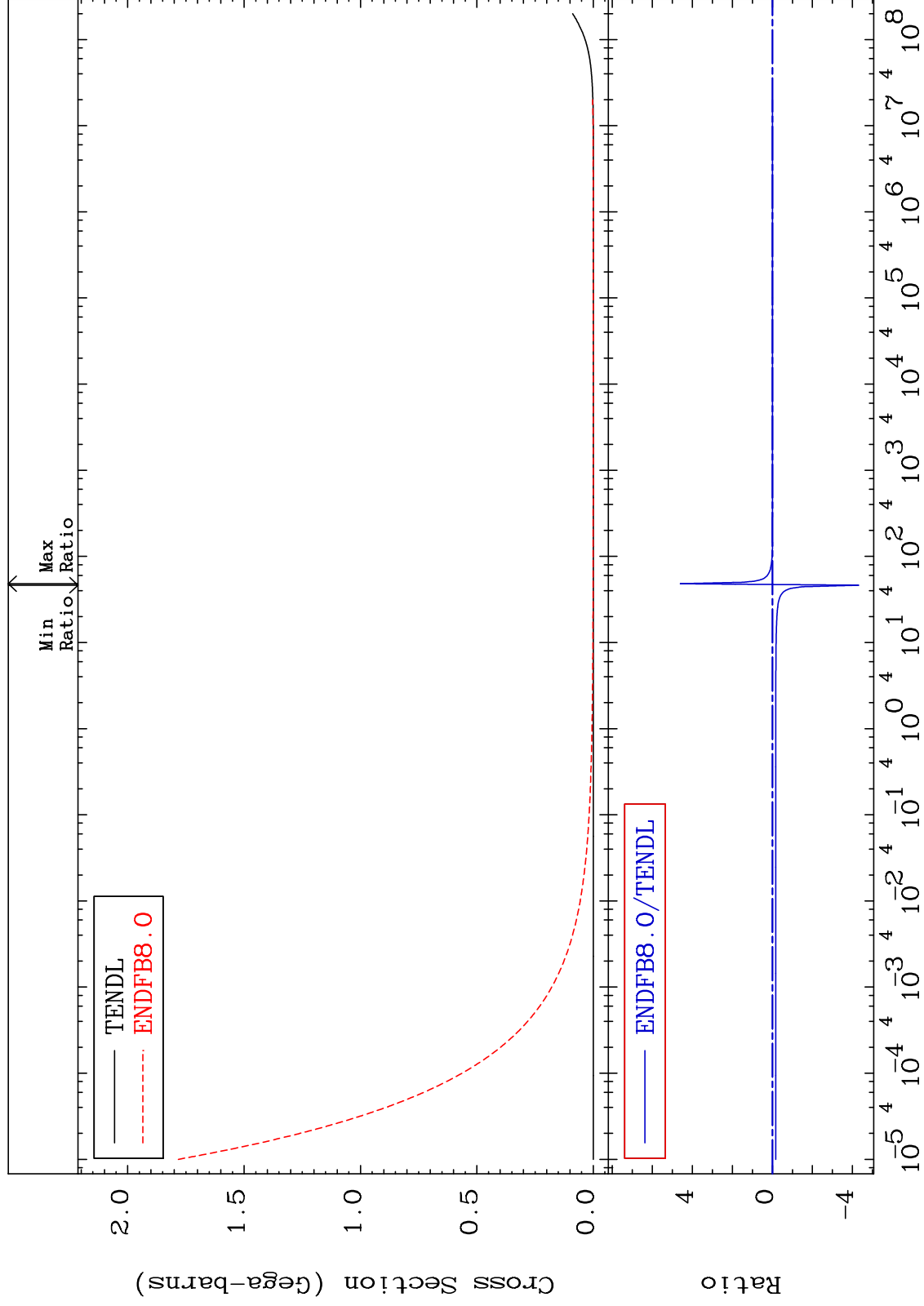
Incident Energy (eV)

84-Po-209

MAT 8434

Kerma non-elastic (all but mt2)  
Cross Section

84-Po-209  
-9999. To 9999. %



39

Incident Energy (eV)

84-Po-209



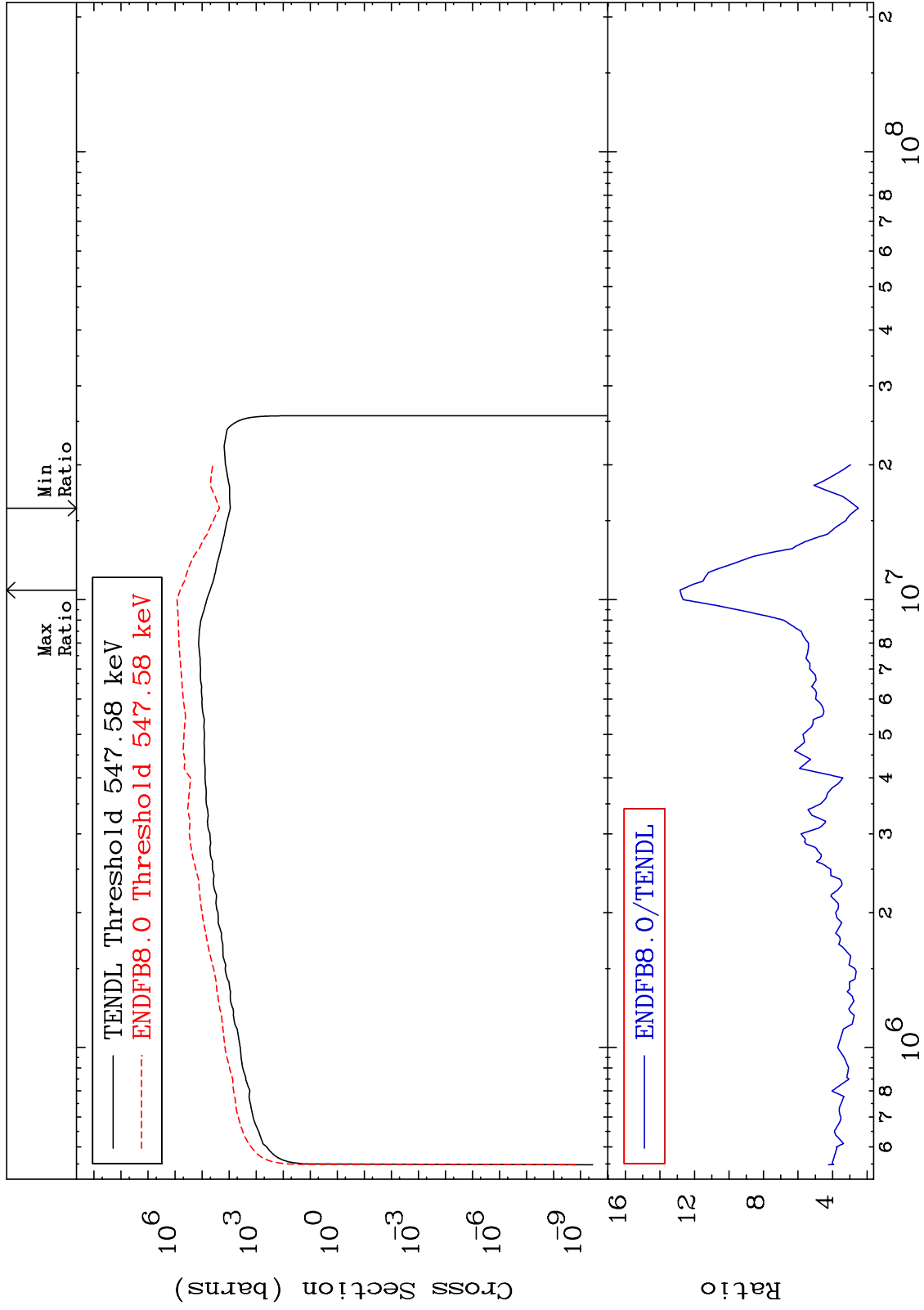
MAT 8434

Kerma inelastic (mt51-91)

84-Po-209

150.2 To 1184. %

Cross Section



40

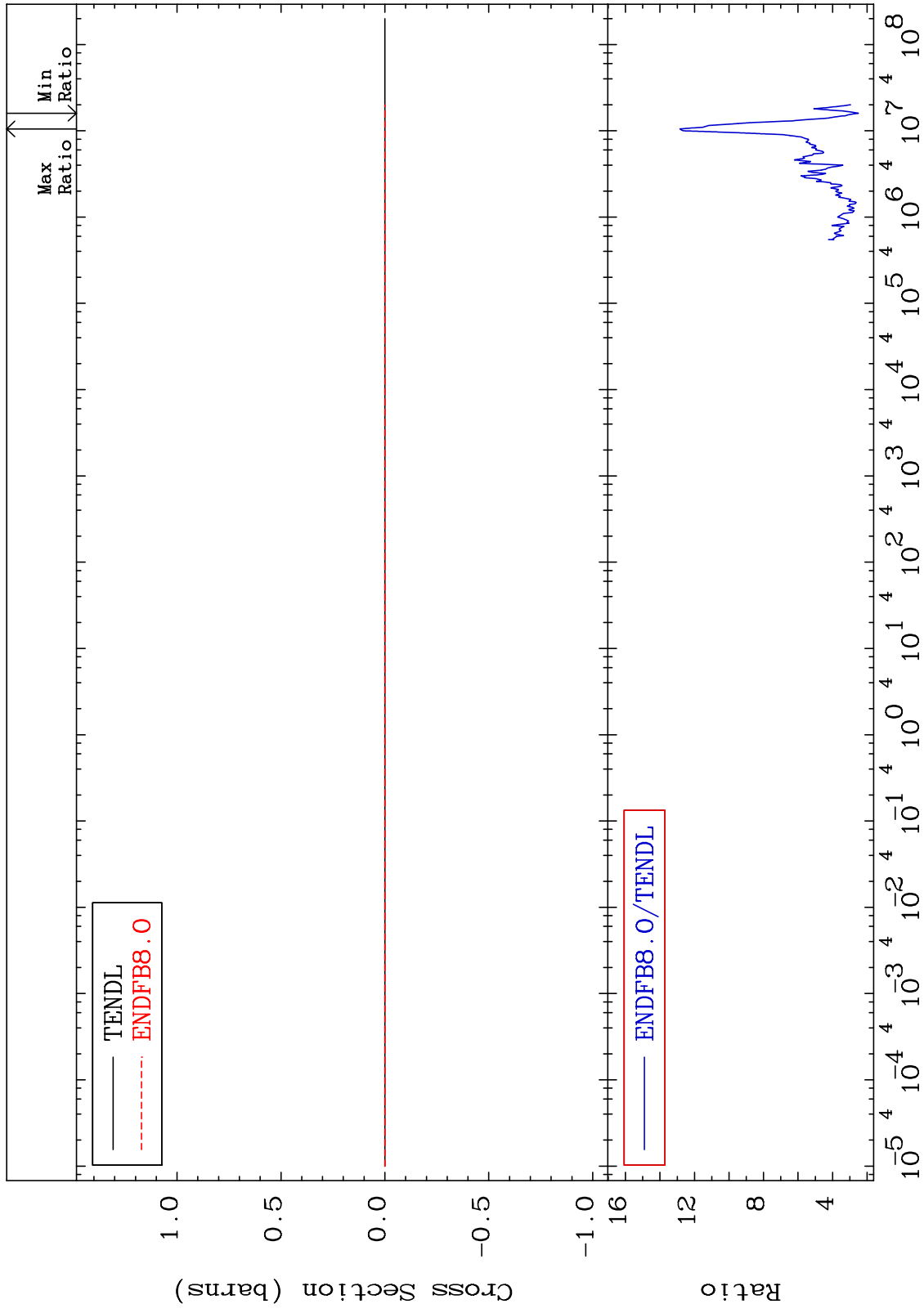
Incident Energy (eV)

84-Po-209

MAT 8434

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

84-Po-209  
150.2 To 1184. %



41

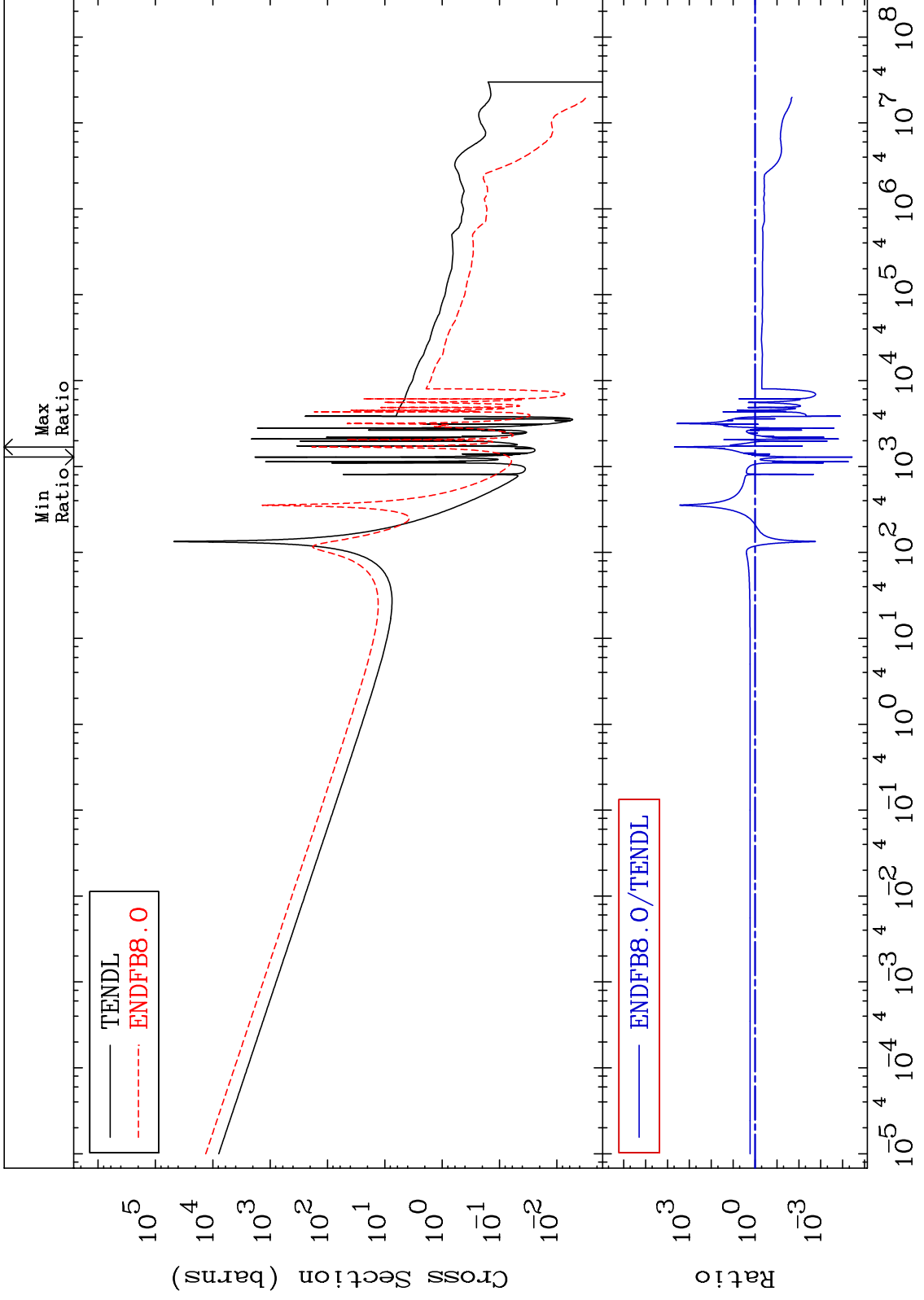
Incident Energy (eV)

84-Po-209

MAT 8434

Kerma capture (mt102)  
Cross Section

84-Po-209  
-100.0 To 9999. %



42

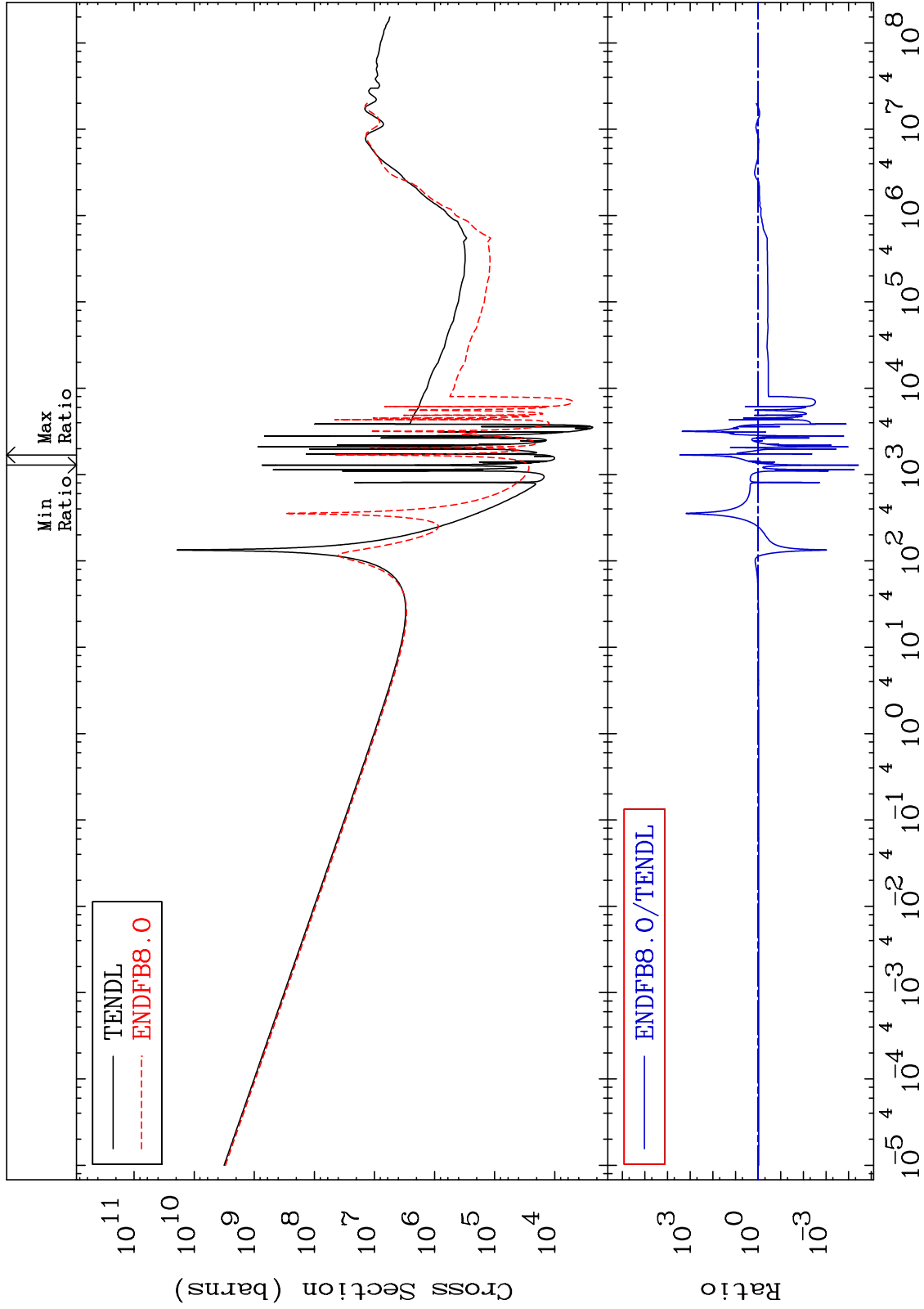
Incident Energy (eV)

84-Po-209

MAT 8434

Total photon (eV-barns)  
Cross Section

84-Po-209  
-100.0 To 9999. %



43

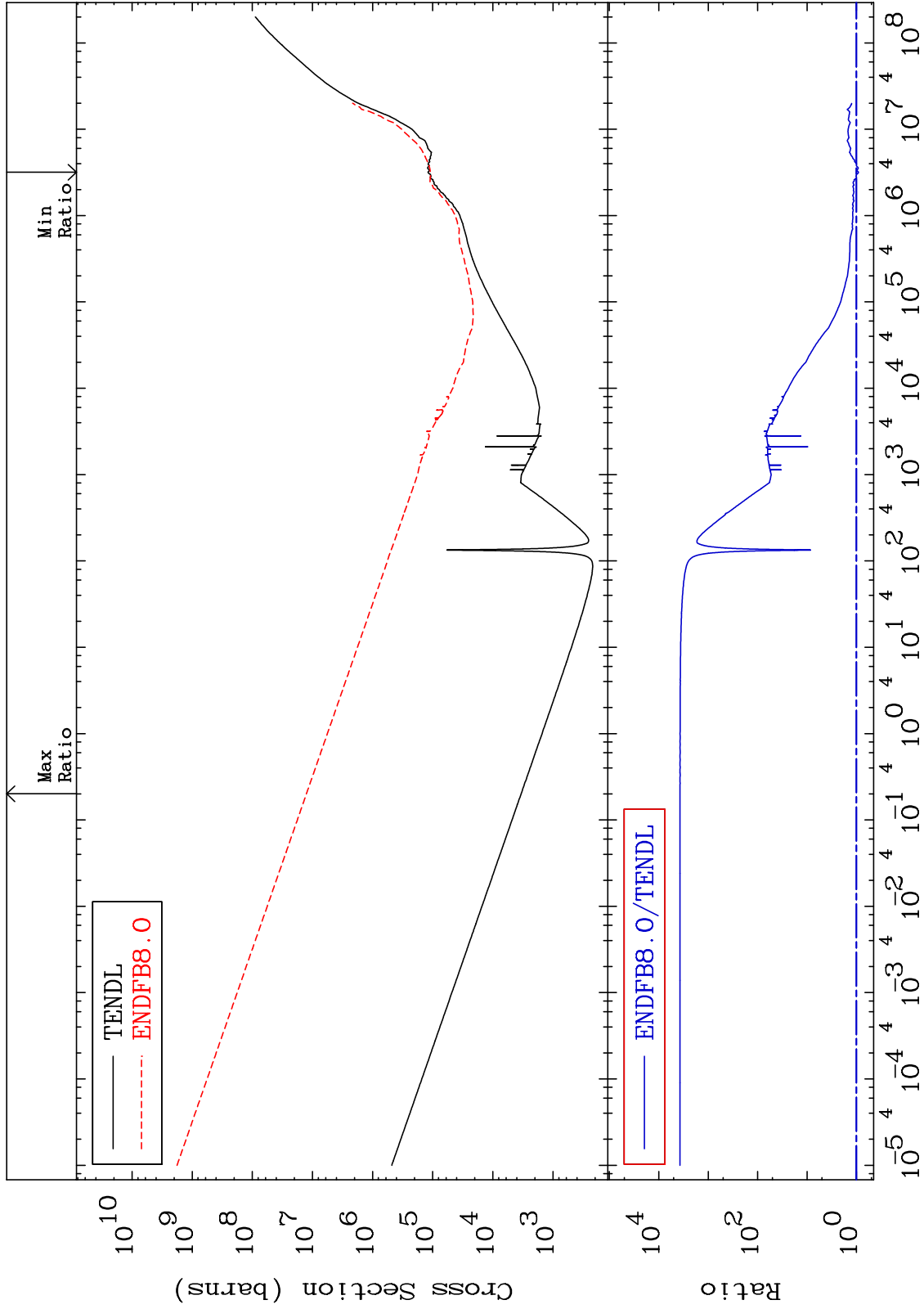
Incident Energy (eV)

84-Po-209

MAT 8434

Total kinematic kerma (high limit)  
Cross Section

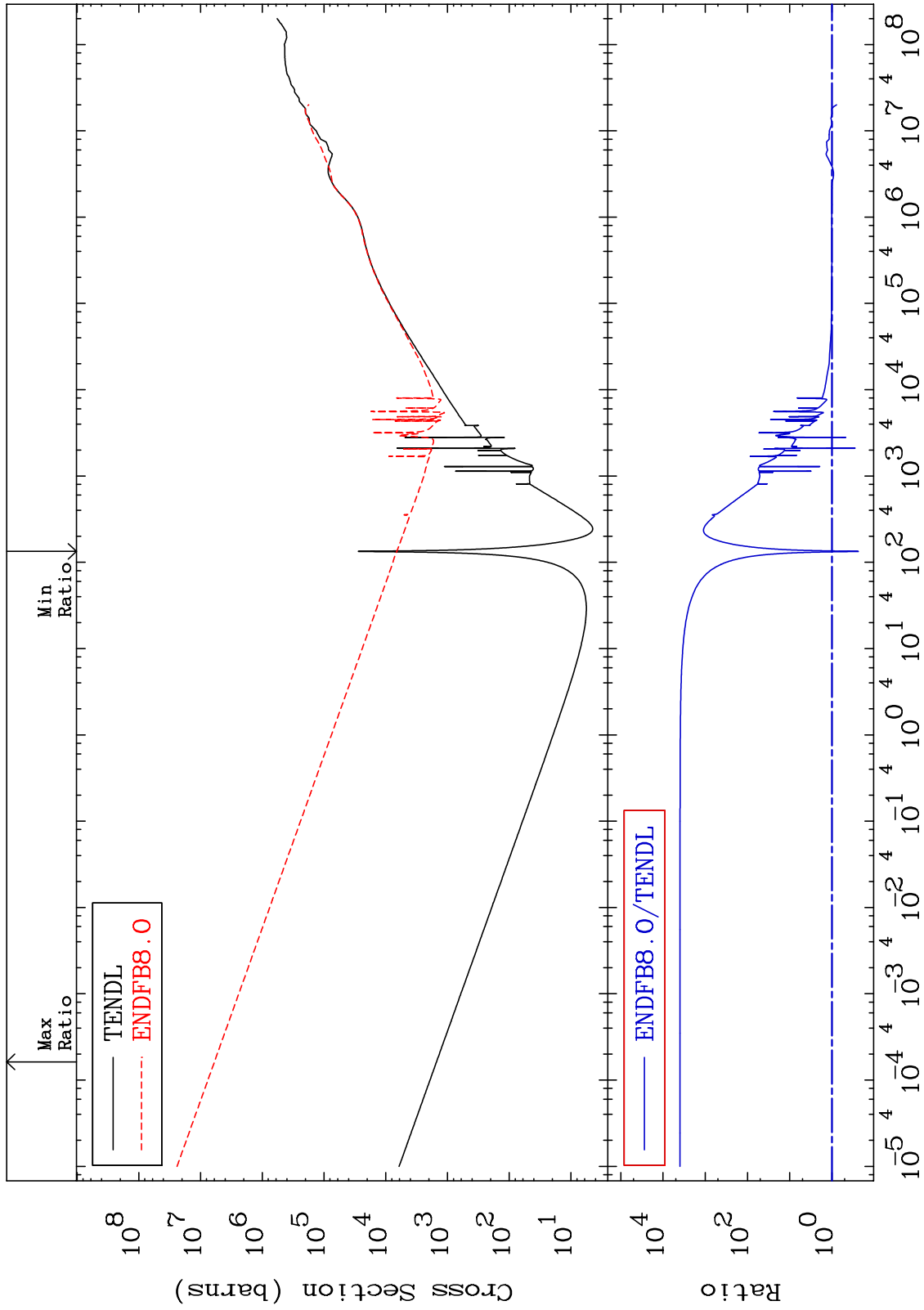
84-Po-209  
-8.538 To 9999. %



MAT 8434

Dpa total (eV-barns)  
Cross Section

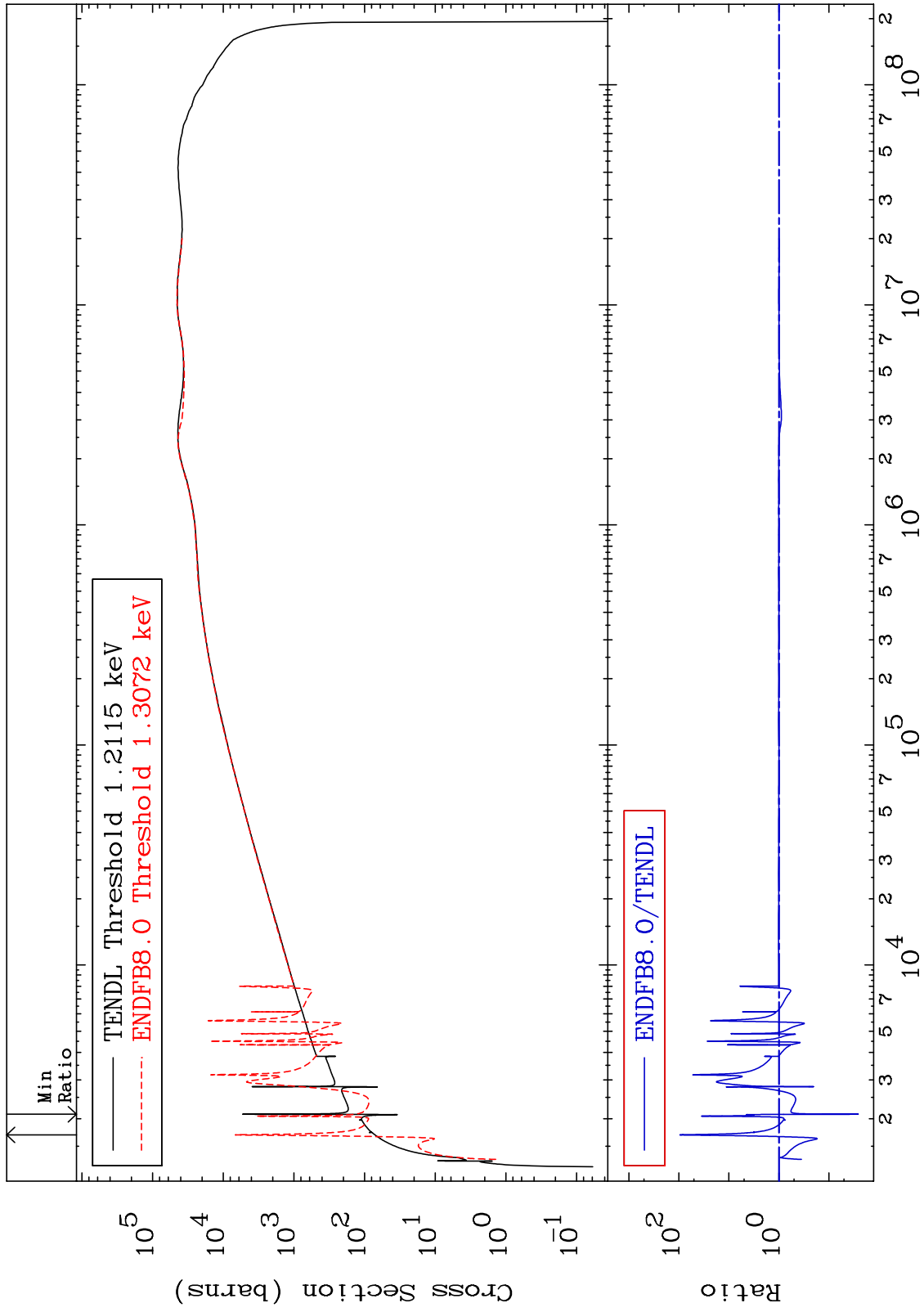
84-Po-209  
-76.30 To 9999. %



MAT 8434

Dpa elastic (mt2)  
Cross Section

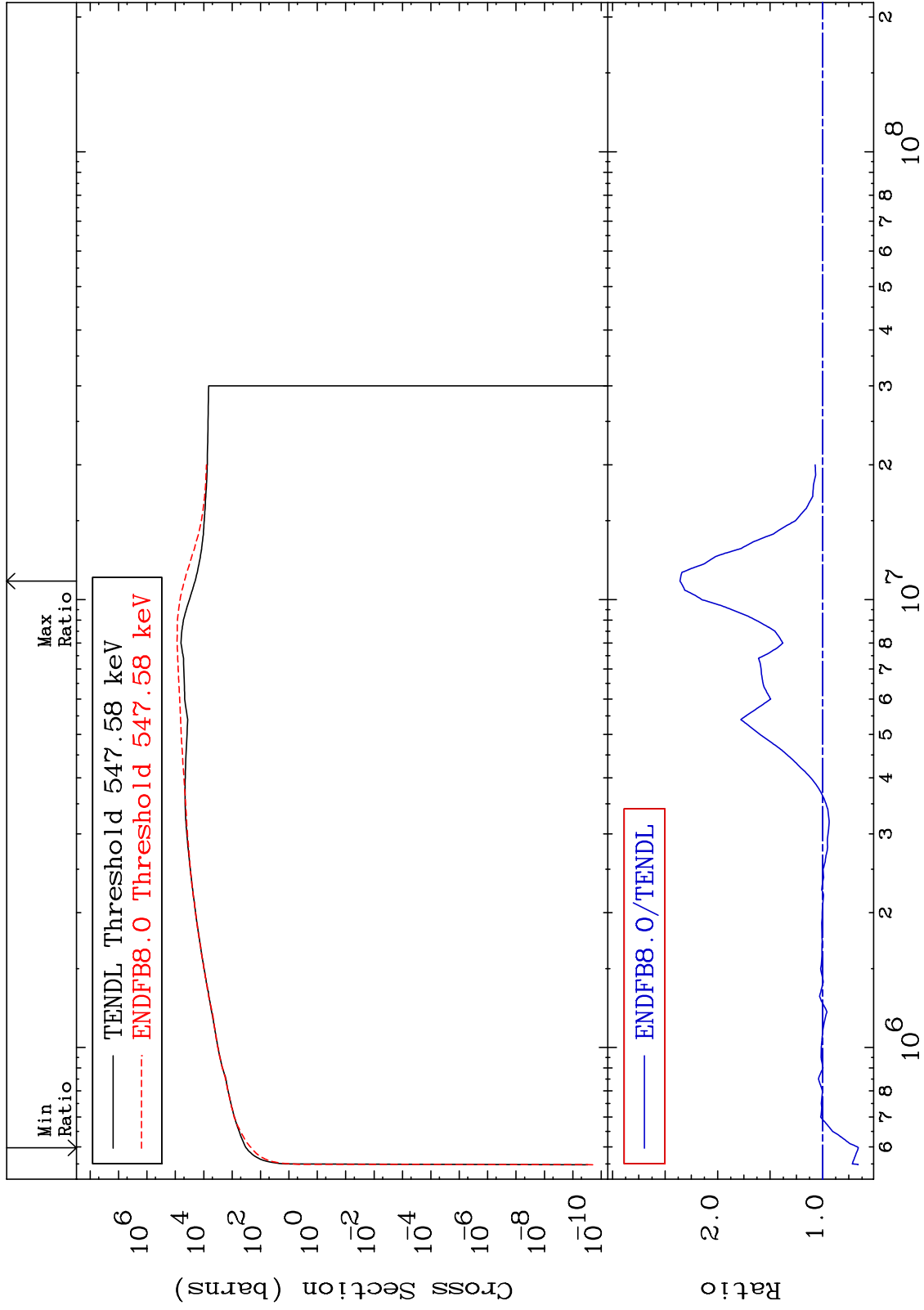
84-Po-209  
-97.42 To 9382. %



MAT 8434

Dpa inelastic (mt51-91)  
Cross Section

84-Po-209  
-34.08 To 135.8 %



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84-Po-209



MAT 8434

Dpa disappearance (mt102 -120)  
Cross Section

84-Po-209  
-76.30 To 9999. %

