

Program Complot  
(Version 2018-1)

by

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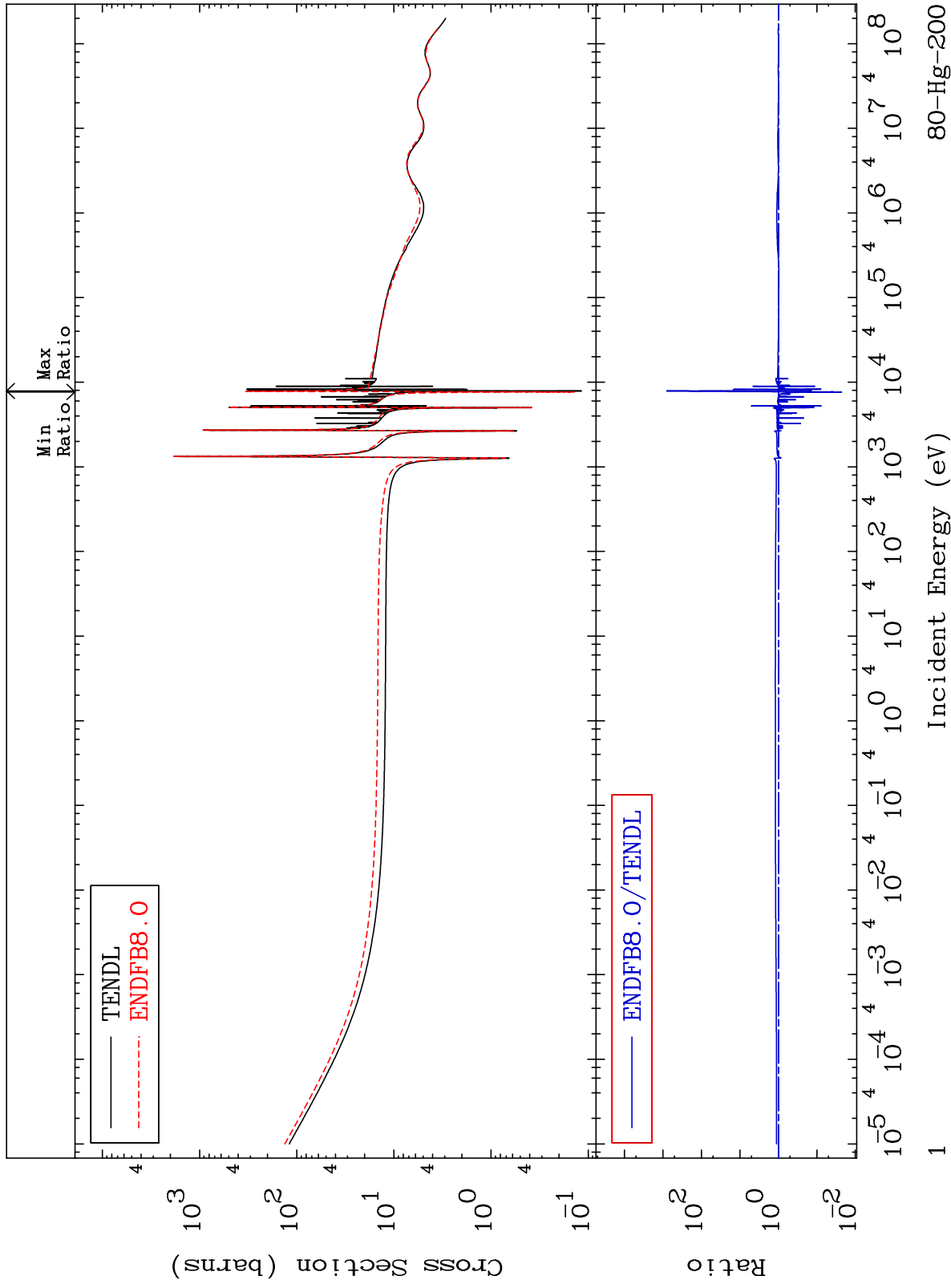
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8037

Total  
Cross Section

80-Hg-200  
-97.75 To 9999. %



80-Hg-200

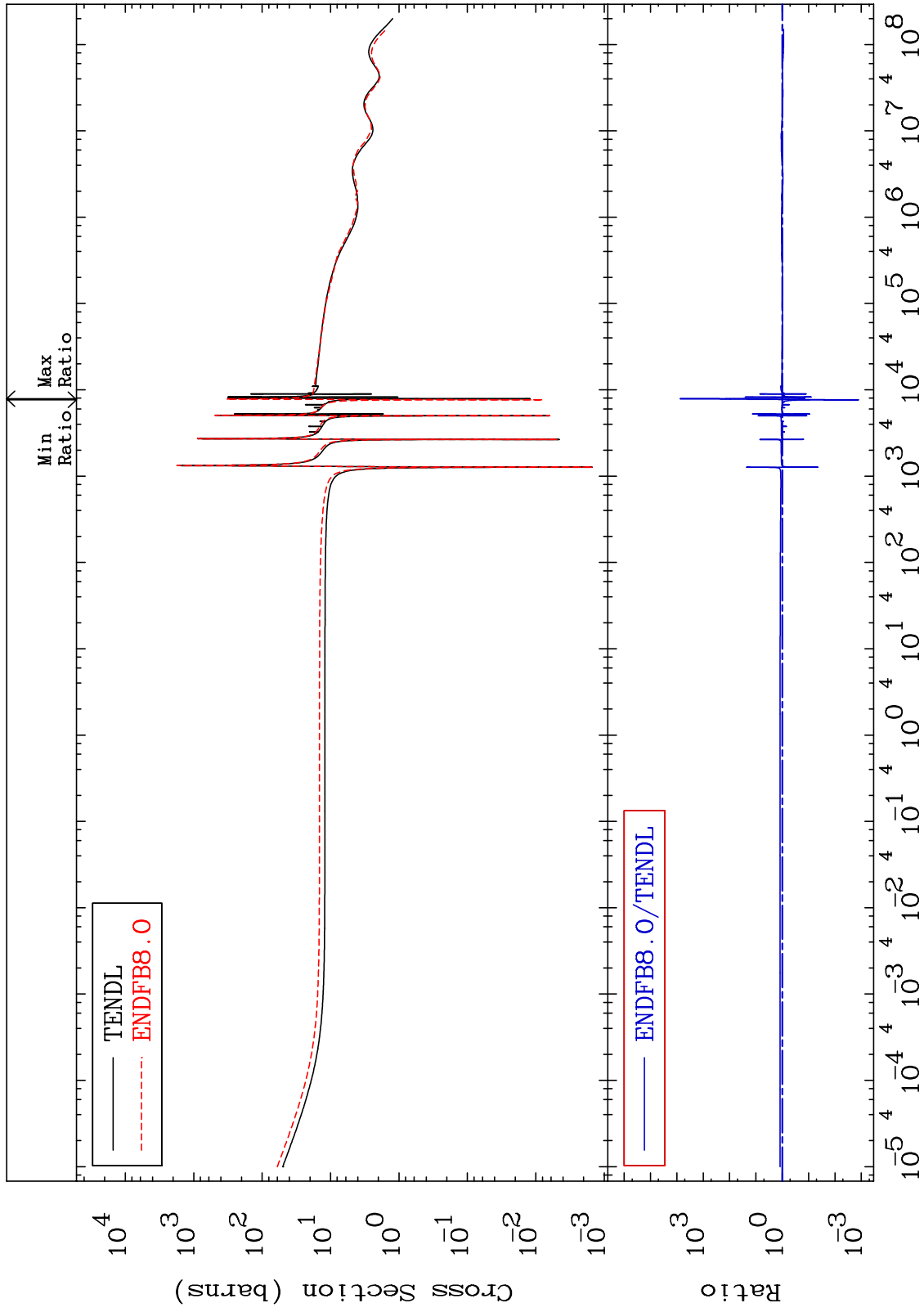
Incident Energy (eV)

1

MAT 8037

Elastic  
Cross Section

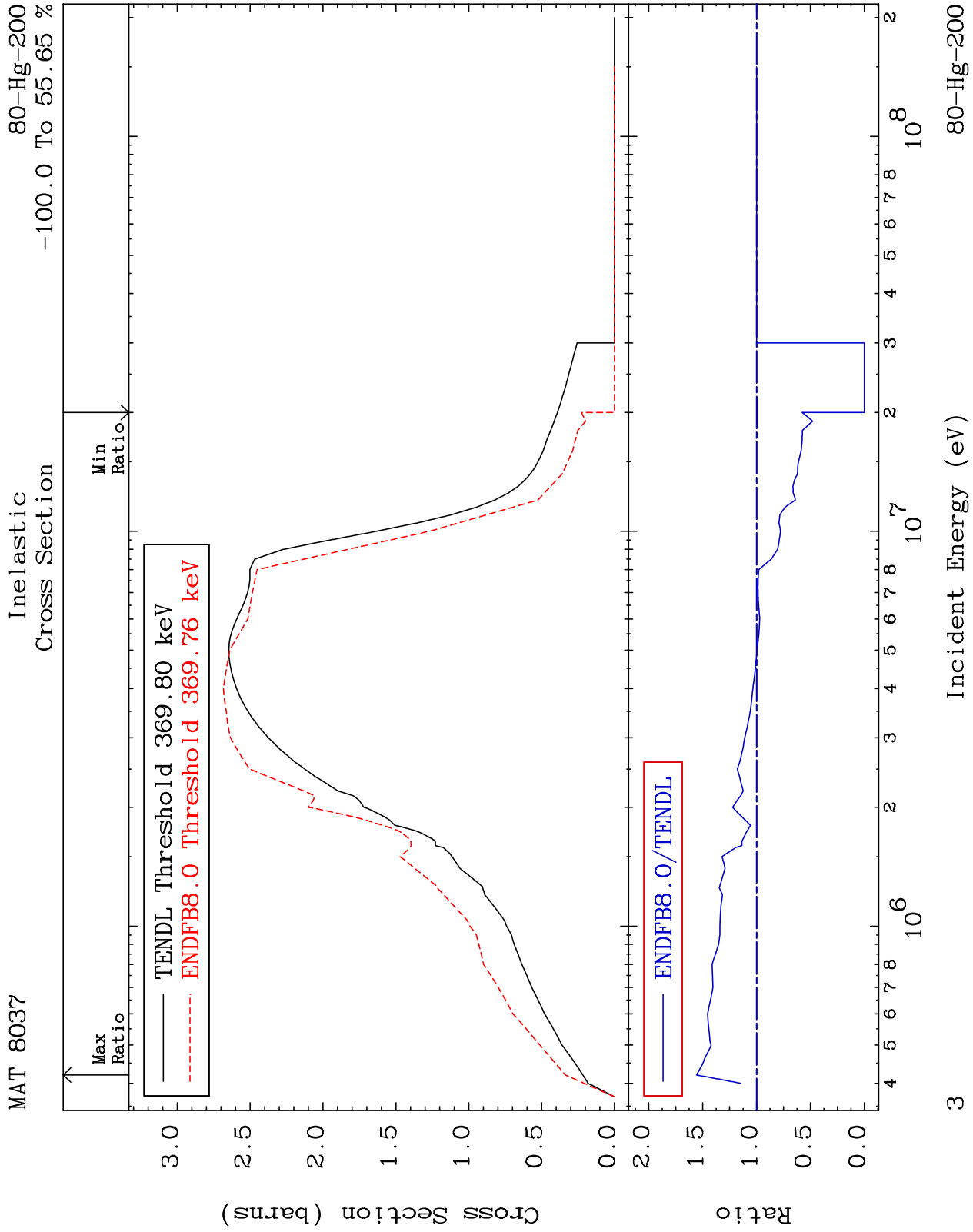
80-Hg-200  
-99.87 To 9999. %



2

Incident Energy (eV)

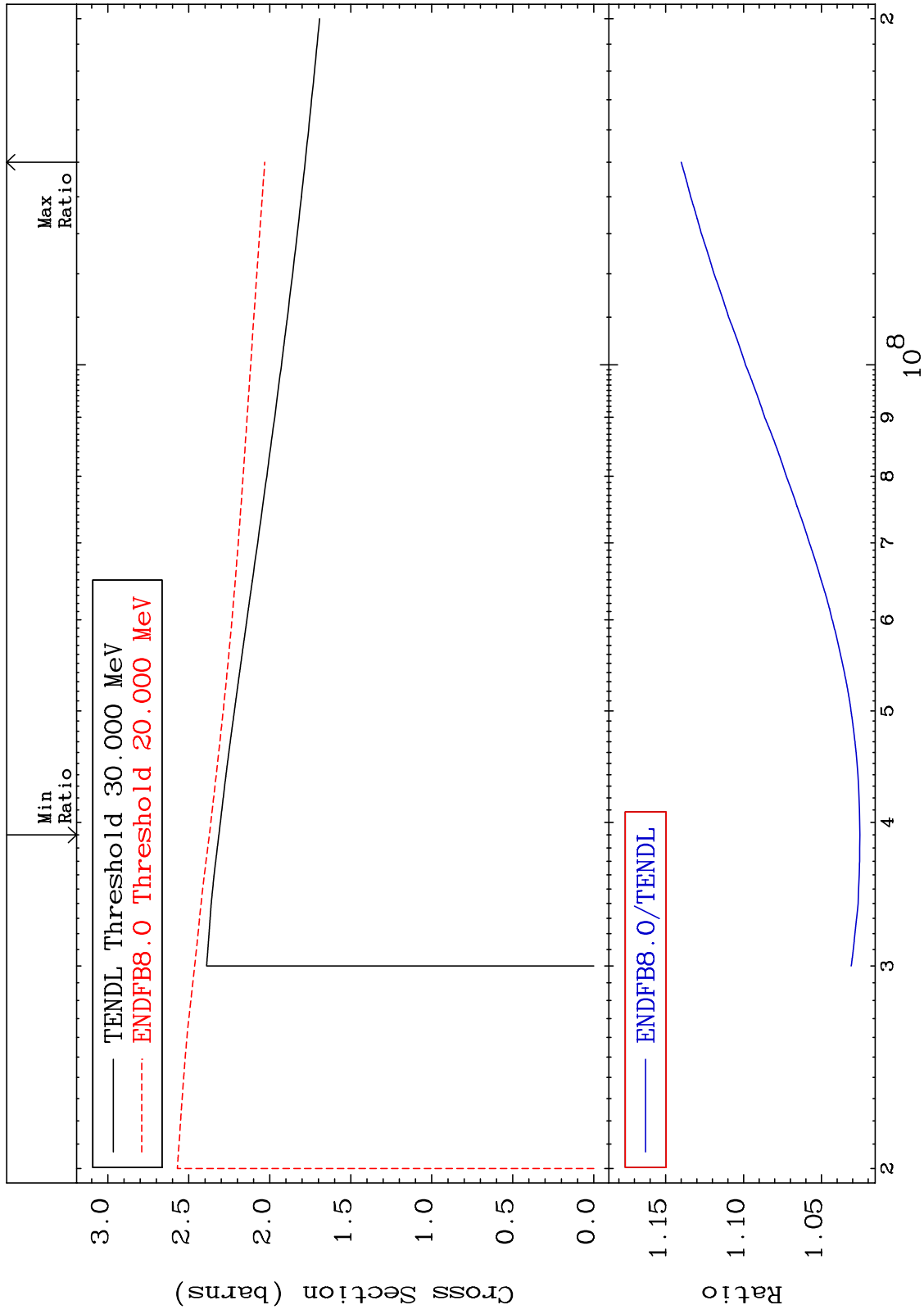
80-Hg-200



MAT 8037

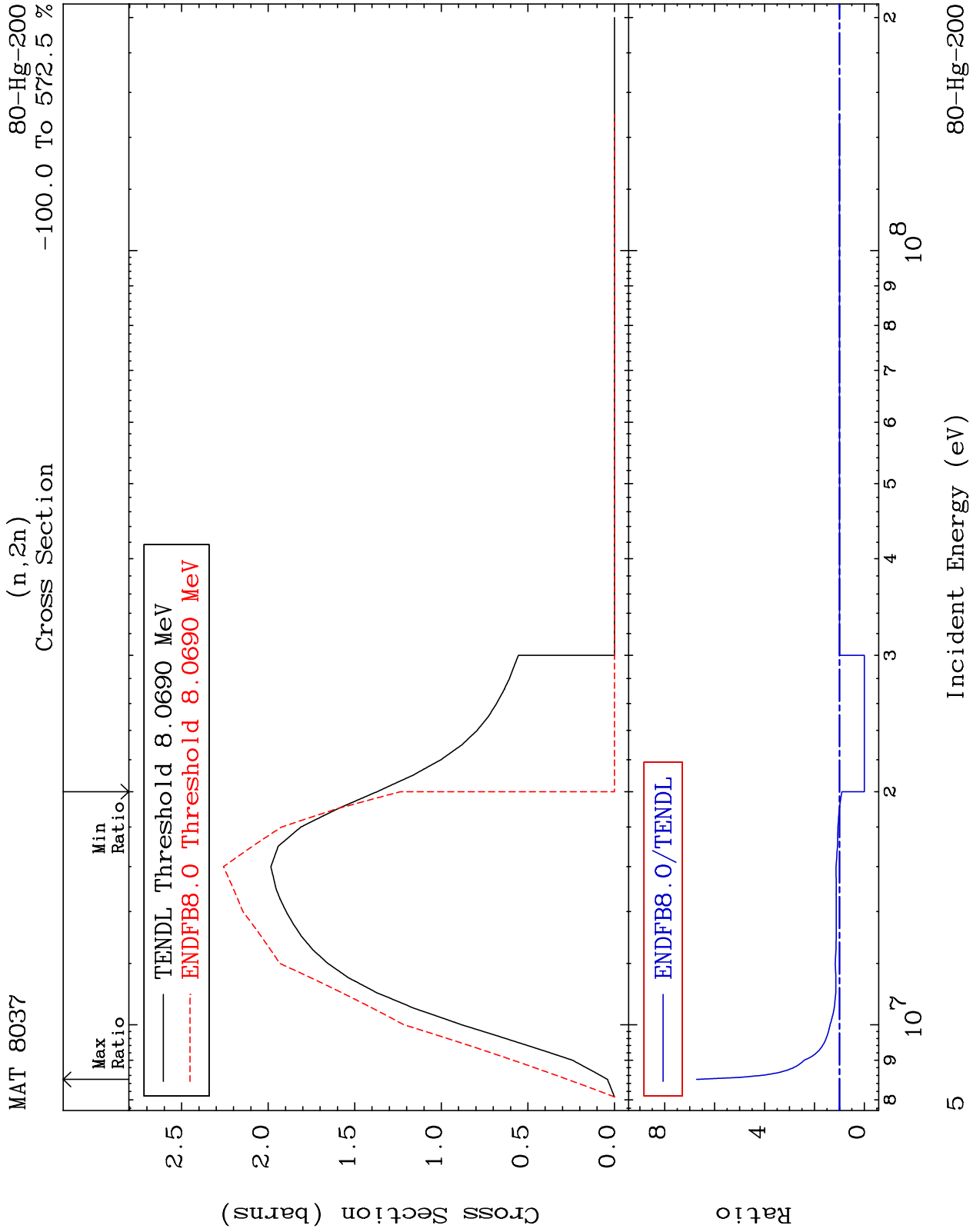
(n, remainder)  
Cross Section

80-Hg-200  
To 14.00 %  
2.534



80-Hg-200

Incident Energy (eV)



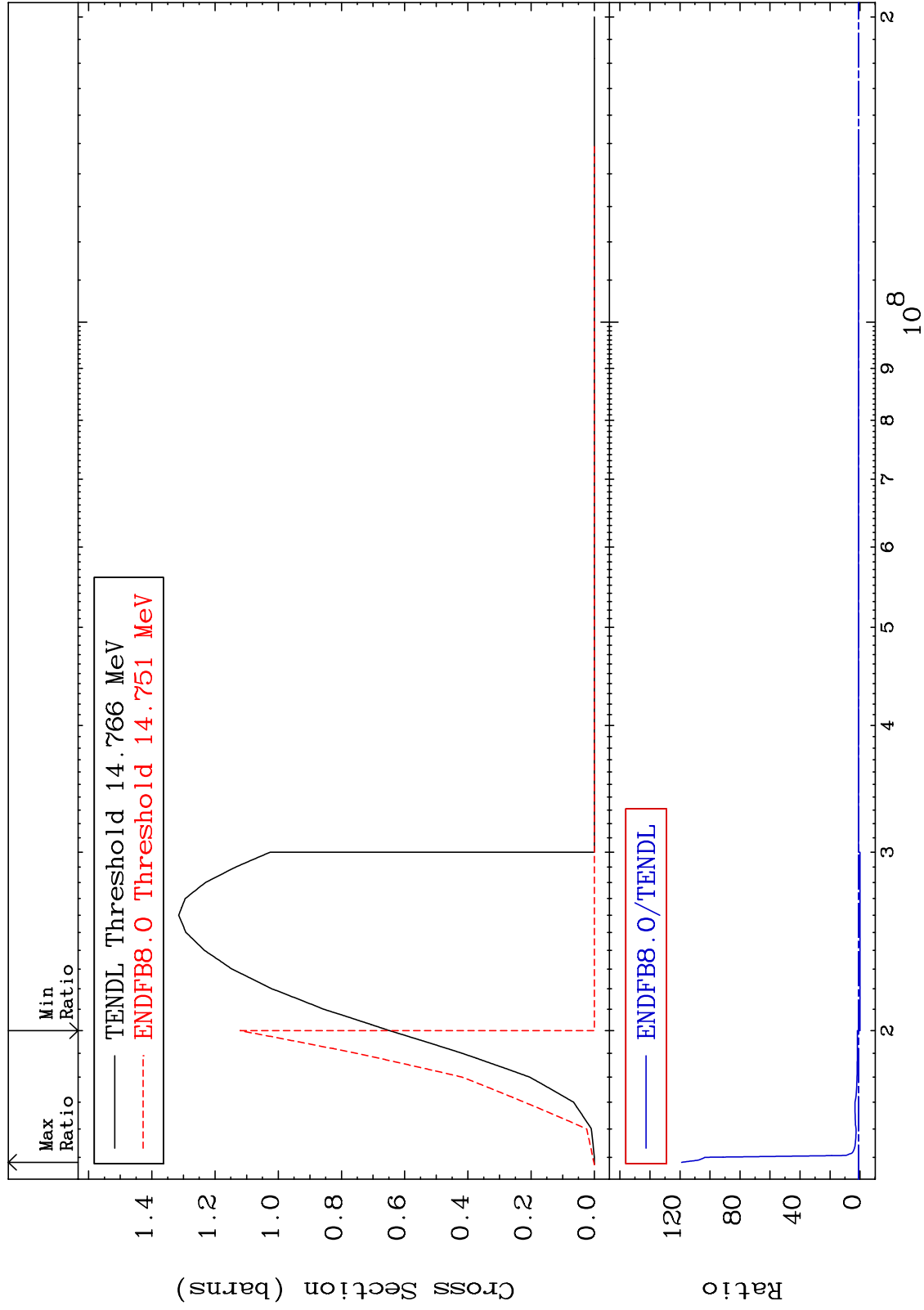
MAT 8037

(n,3n)

80-Hg-200

Cross Section

-100.0 To 9999. %



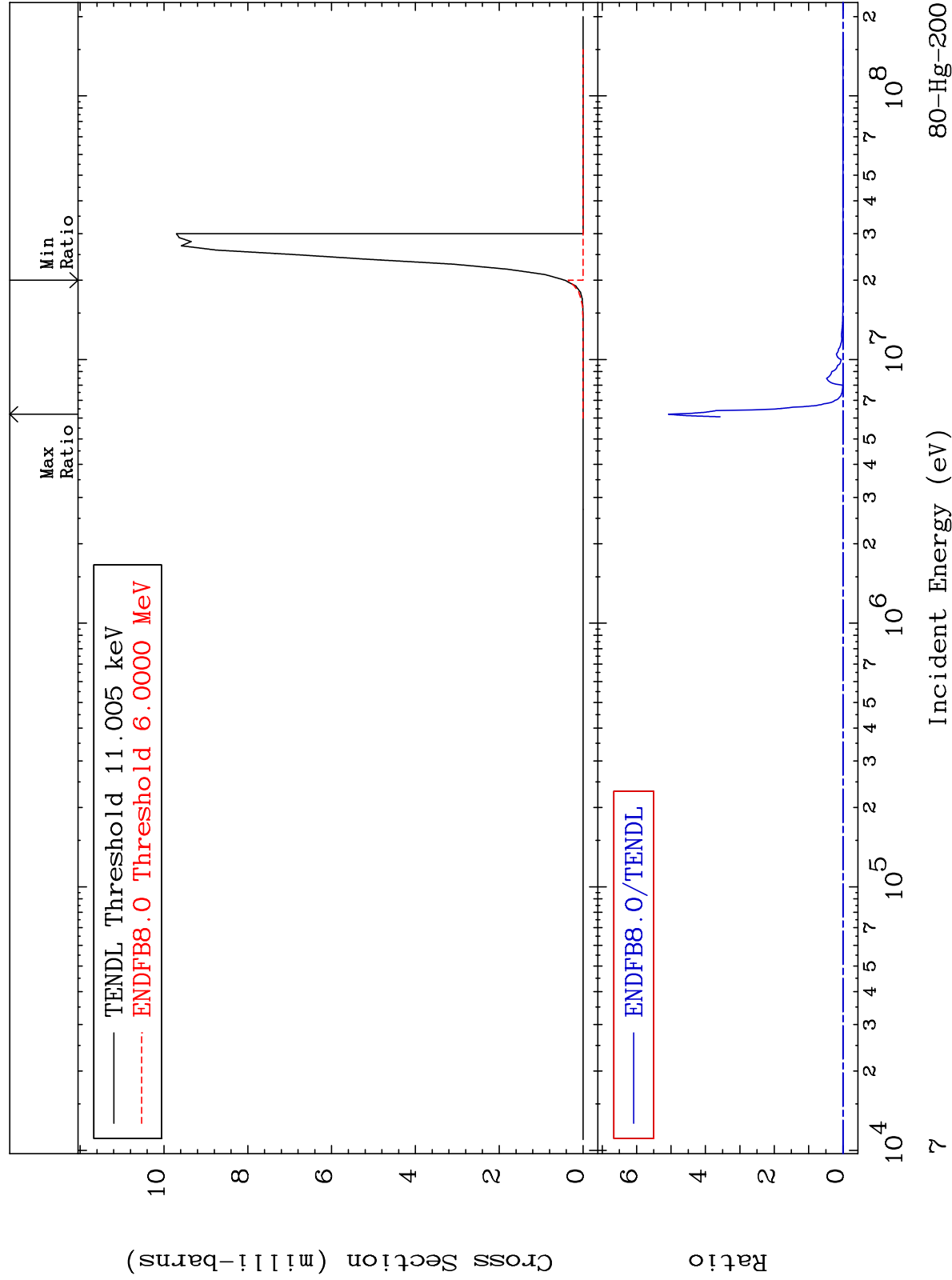
MAT 8037

(n, n')  $\alpha$

80-Hg-200

Cross Section

-100.0 To 9999. %

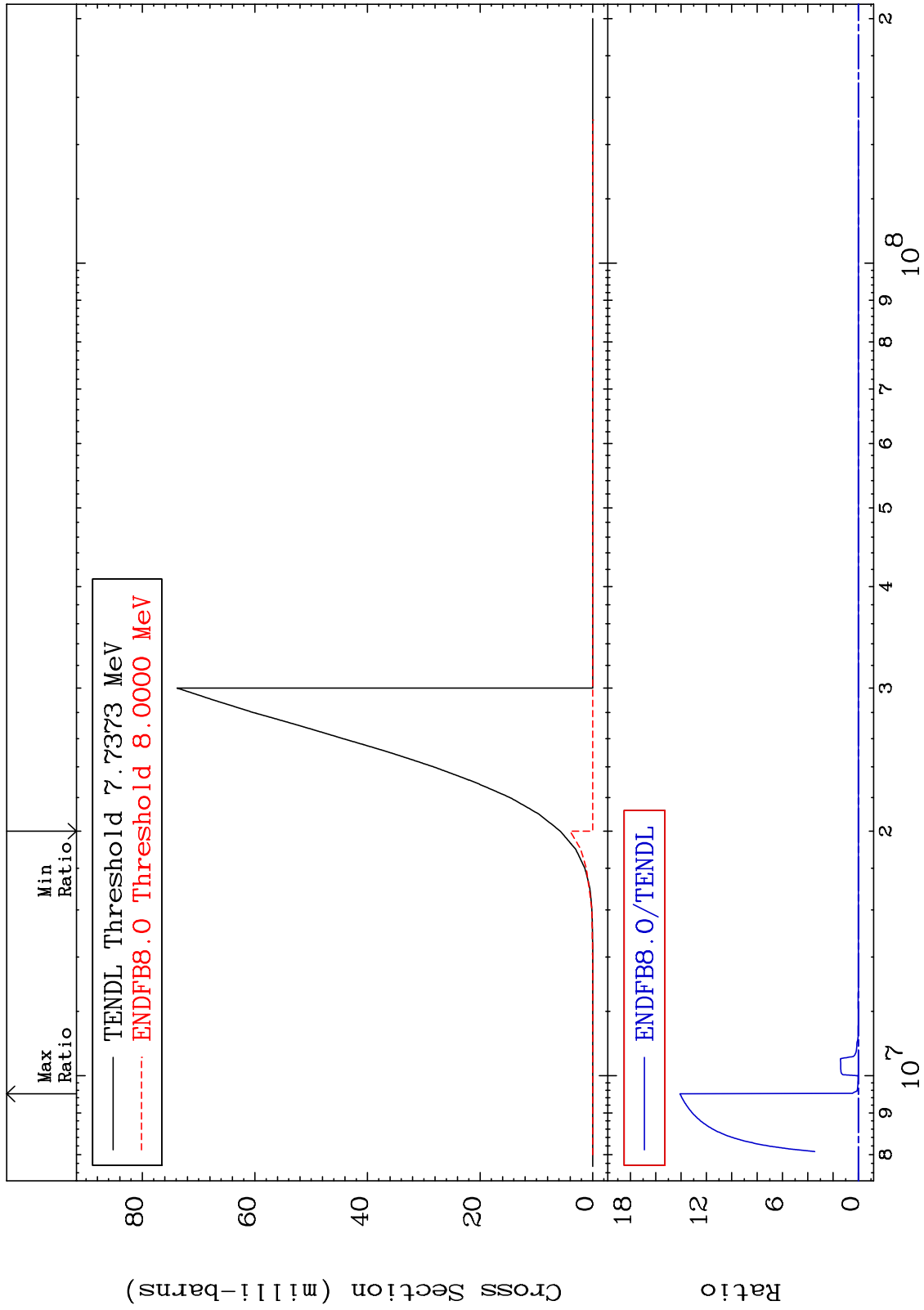


Incident Energy (eV)

80-Hg-200



MAT 8037  $(n, n')$  p 80-Hg-200  
 Cross Section -100.0 To 9999. %

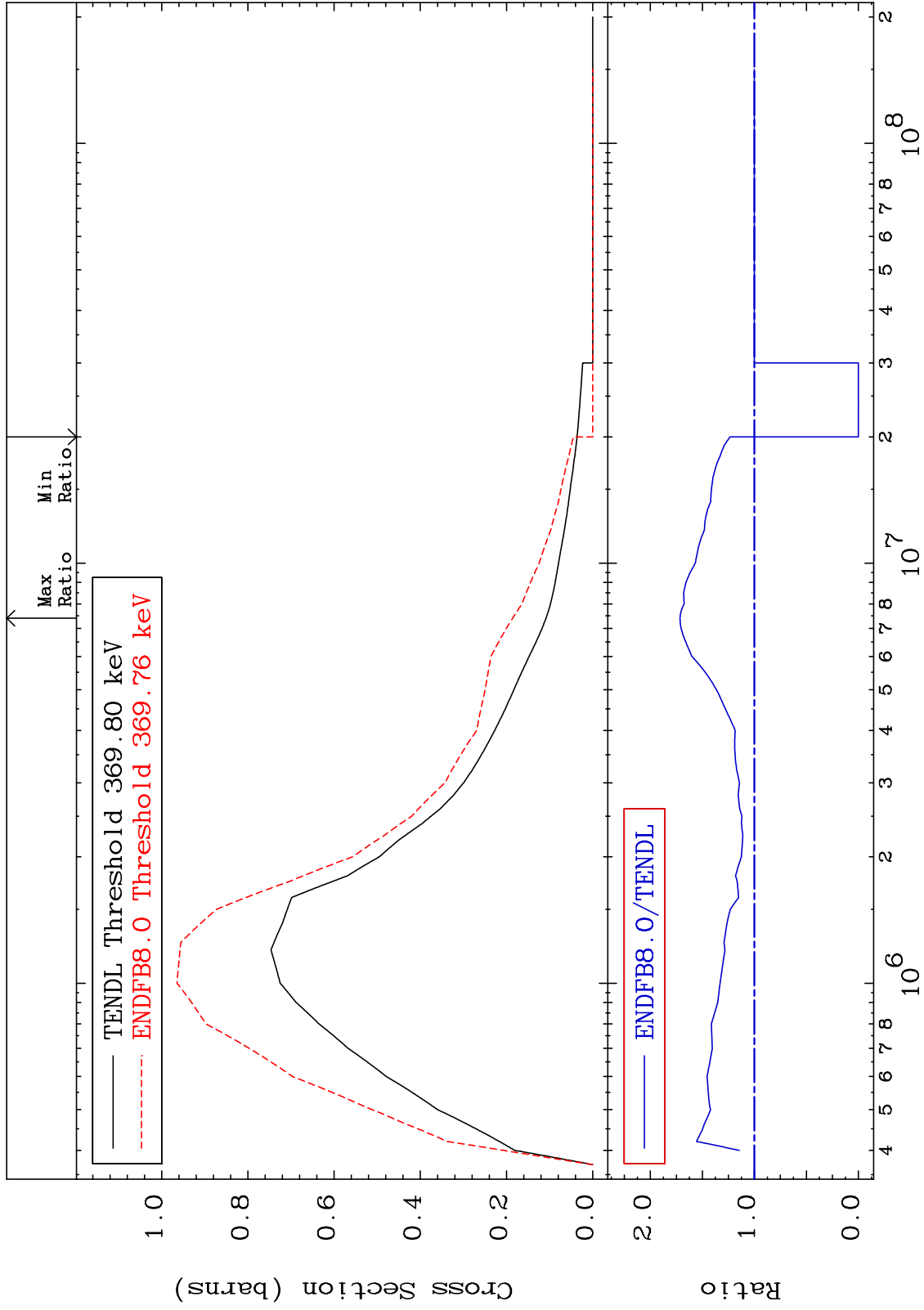


80-Hg-200 Incident Energy (eV)

MAT 8037

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

80-Hg-200  
-100.0 To 71.48 %



9

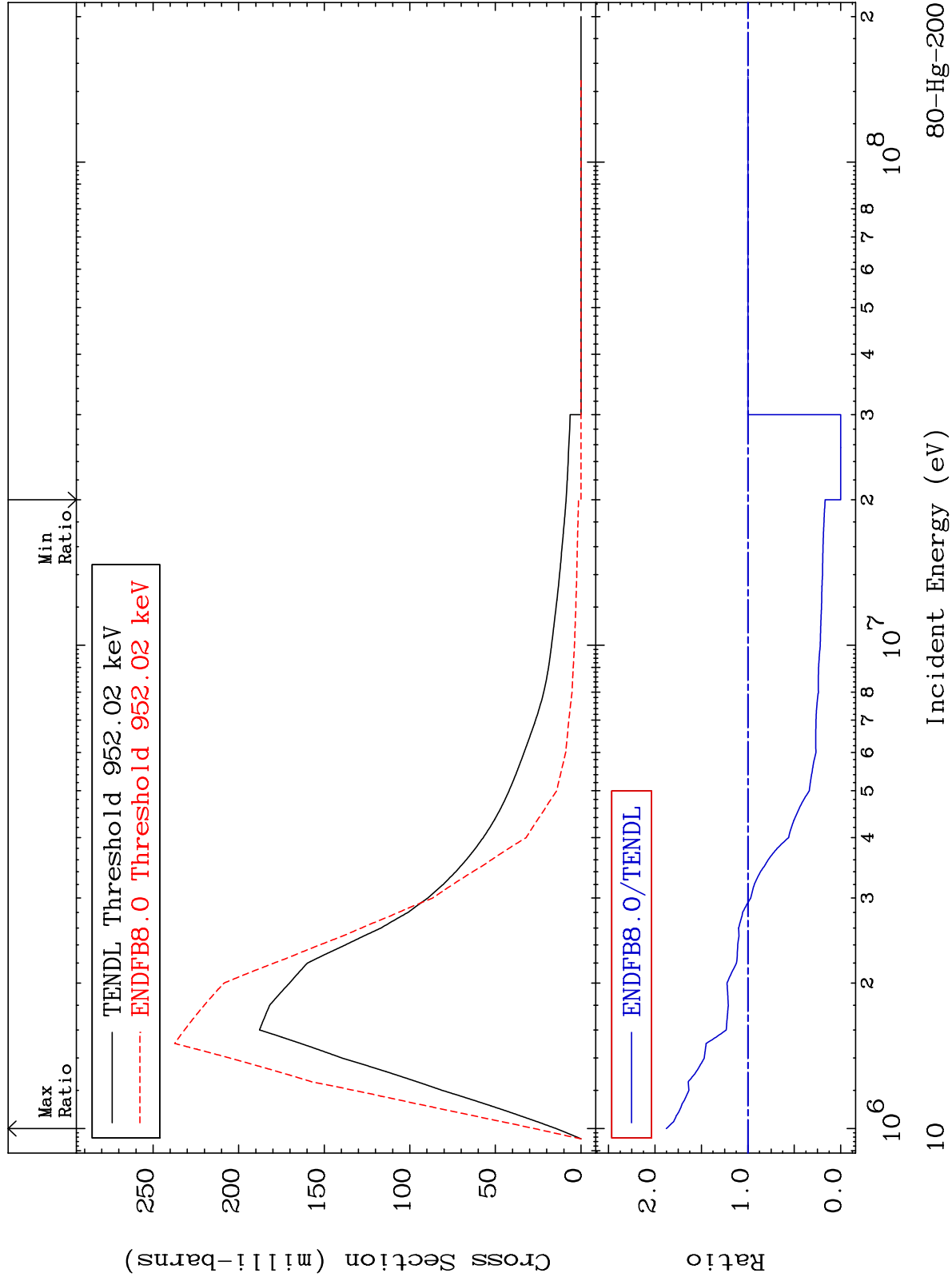
Incident Energy (eV)

80-Hg-200

MAT 8037

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

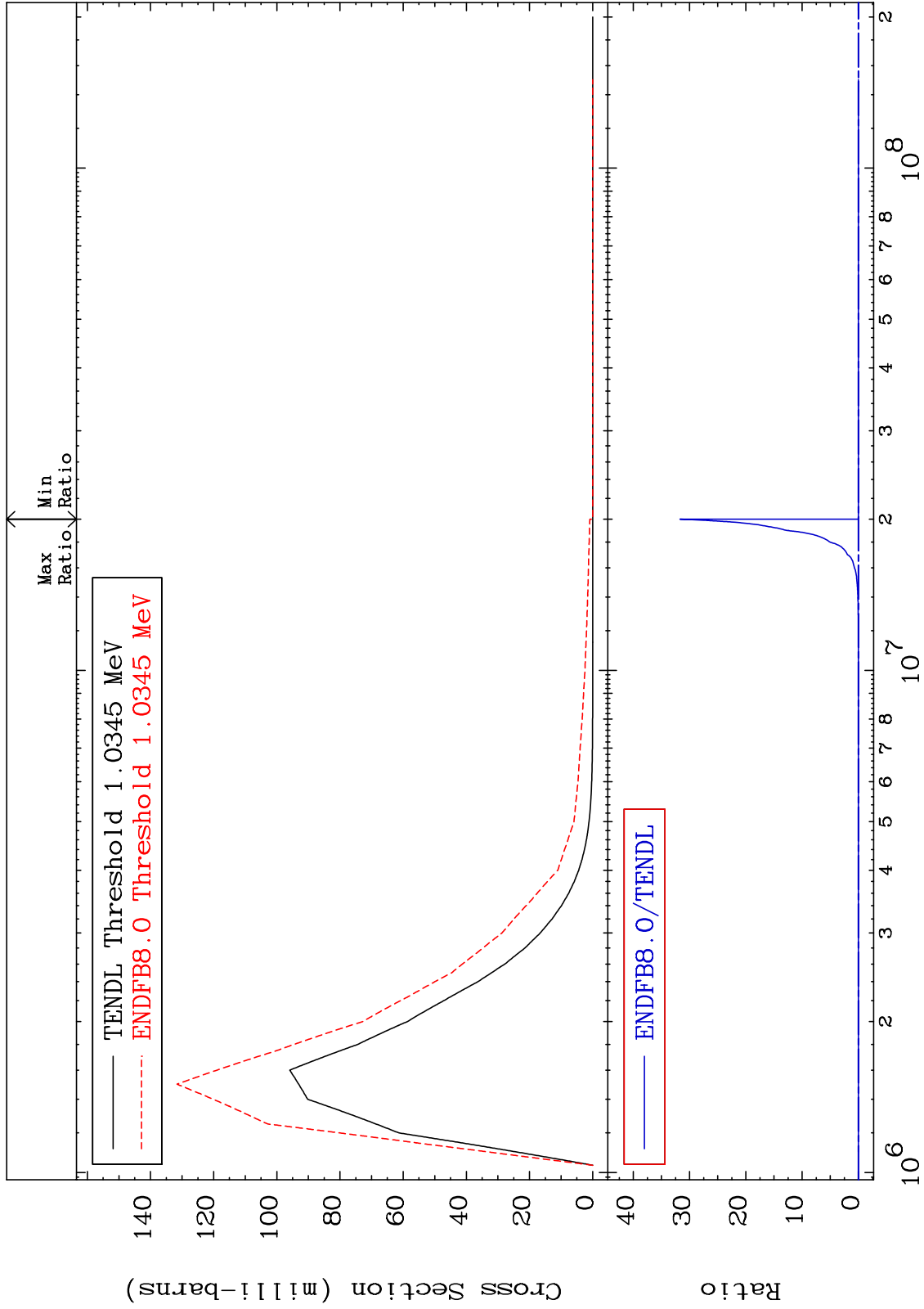
80-Hg-200  
-100.0 To 87.76 %



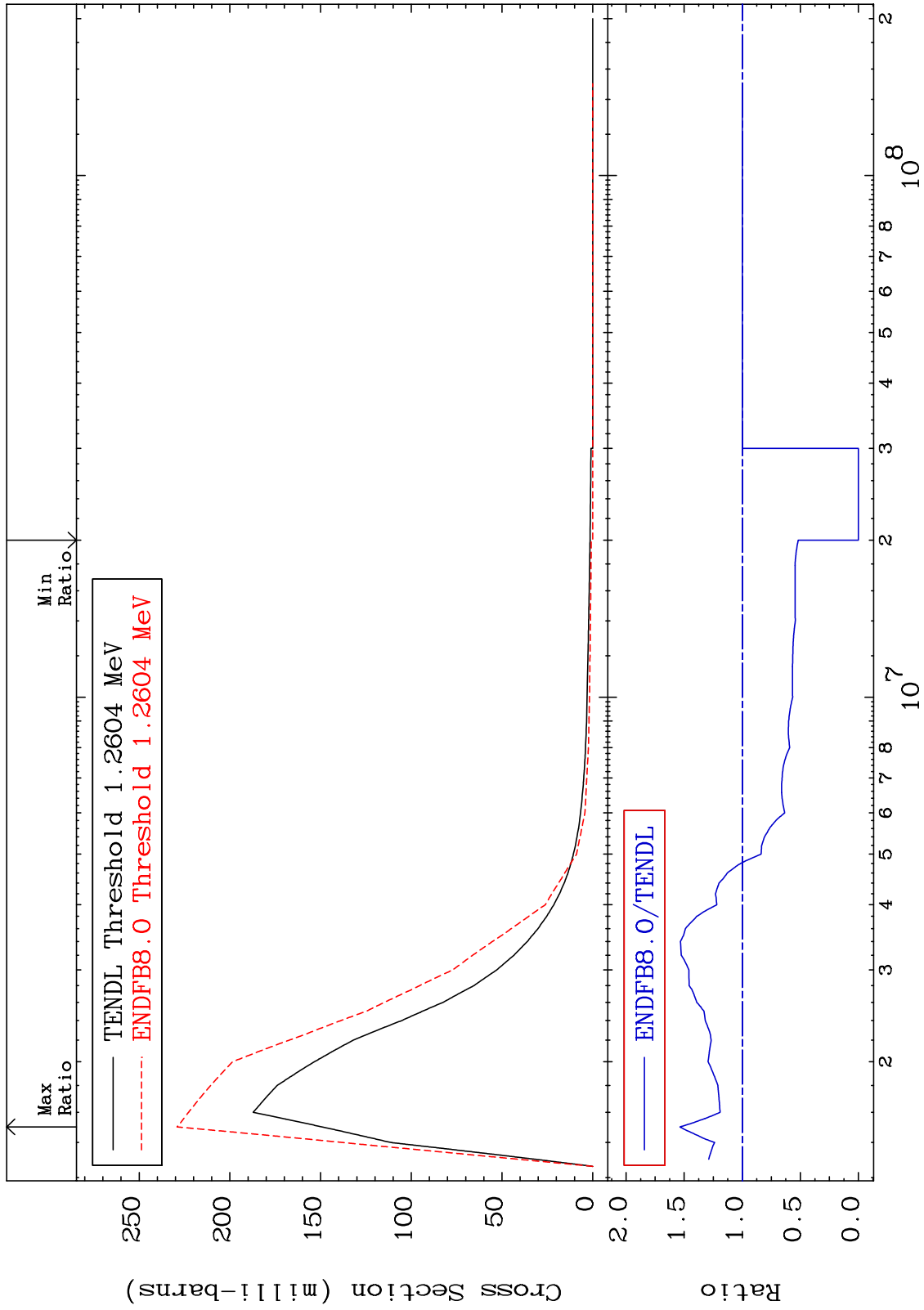
MAT 8037

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

80-Hg-200  
-100.0 To 9999. %



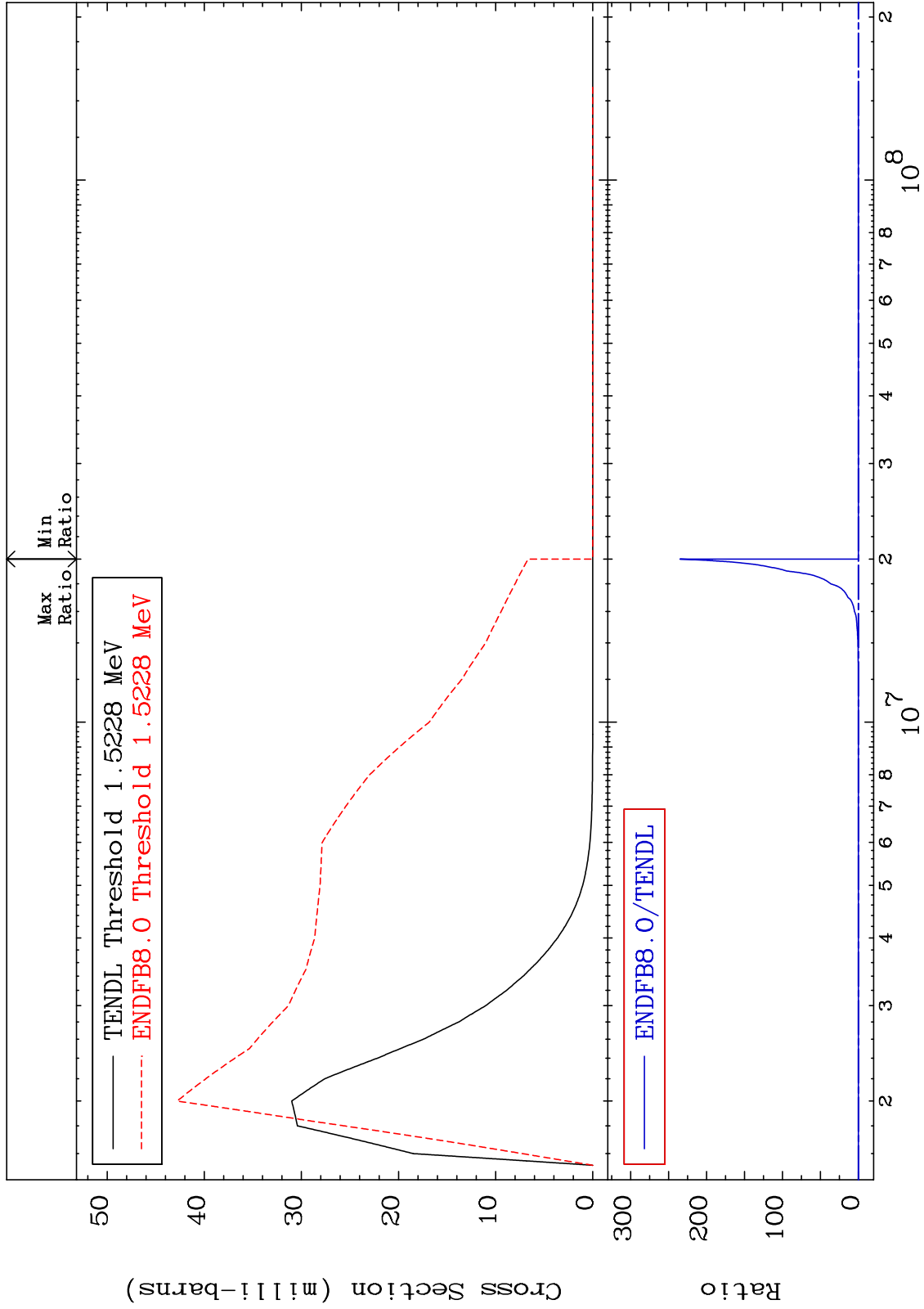
MAT 8037 MT= 54 (n,n') Level Cross Section 80-Hg-200  
 -100.0 To 53.58 %



MAT 8037

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

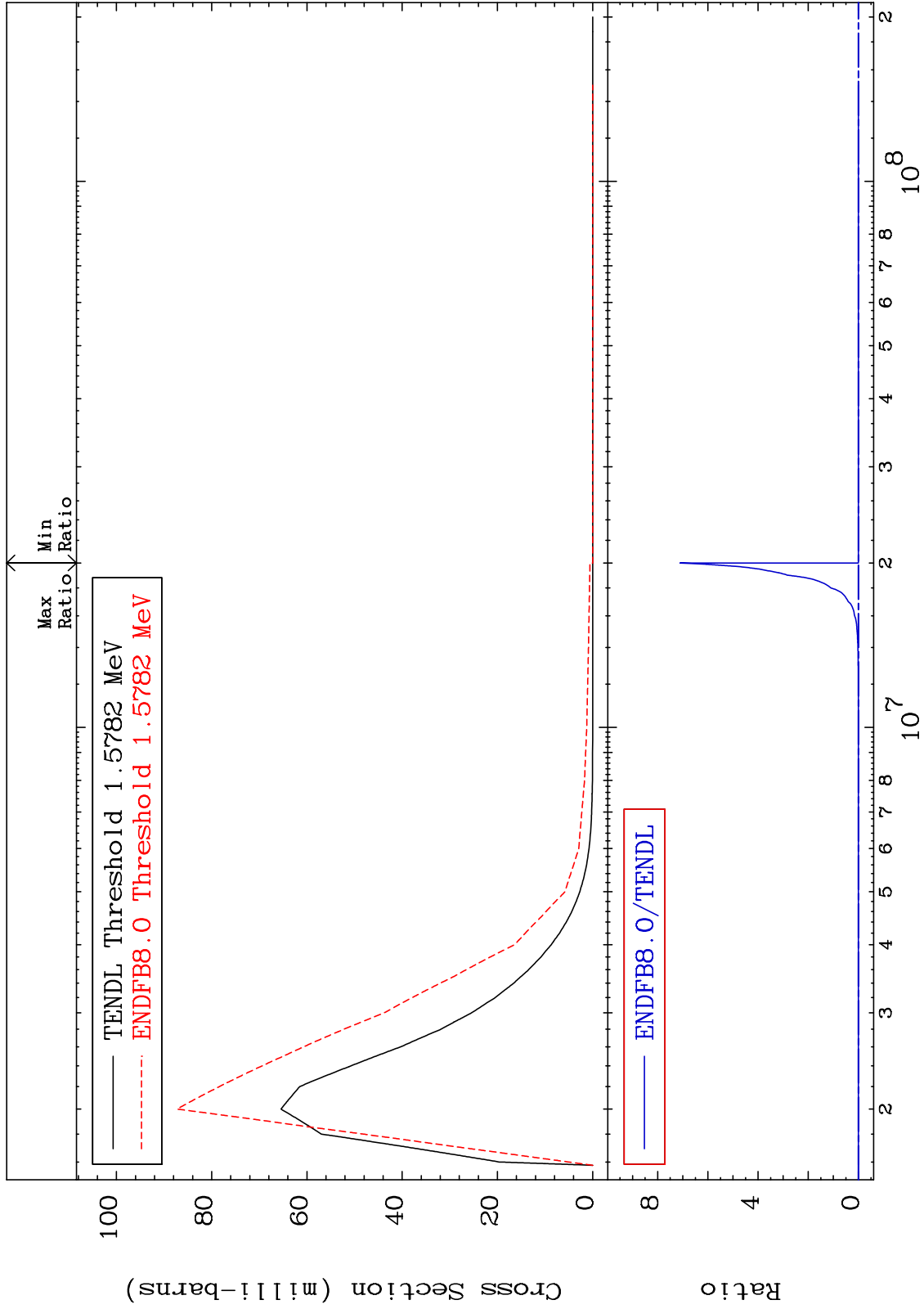
80-Hg-200  
-100.0 To 9999. %



MAT 8037

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

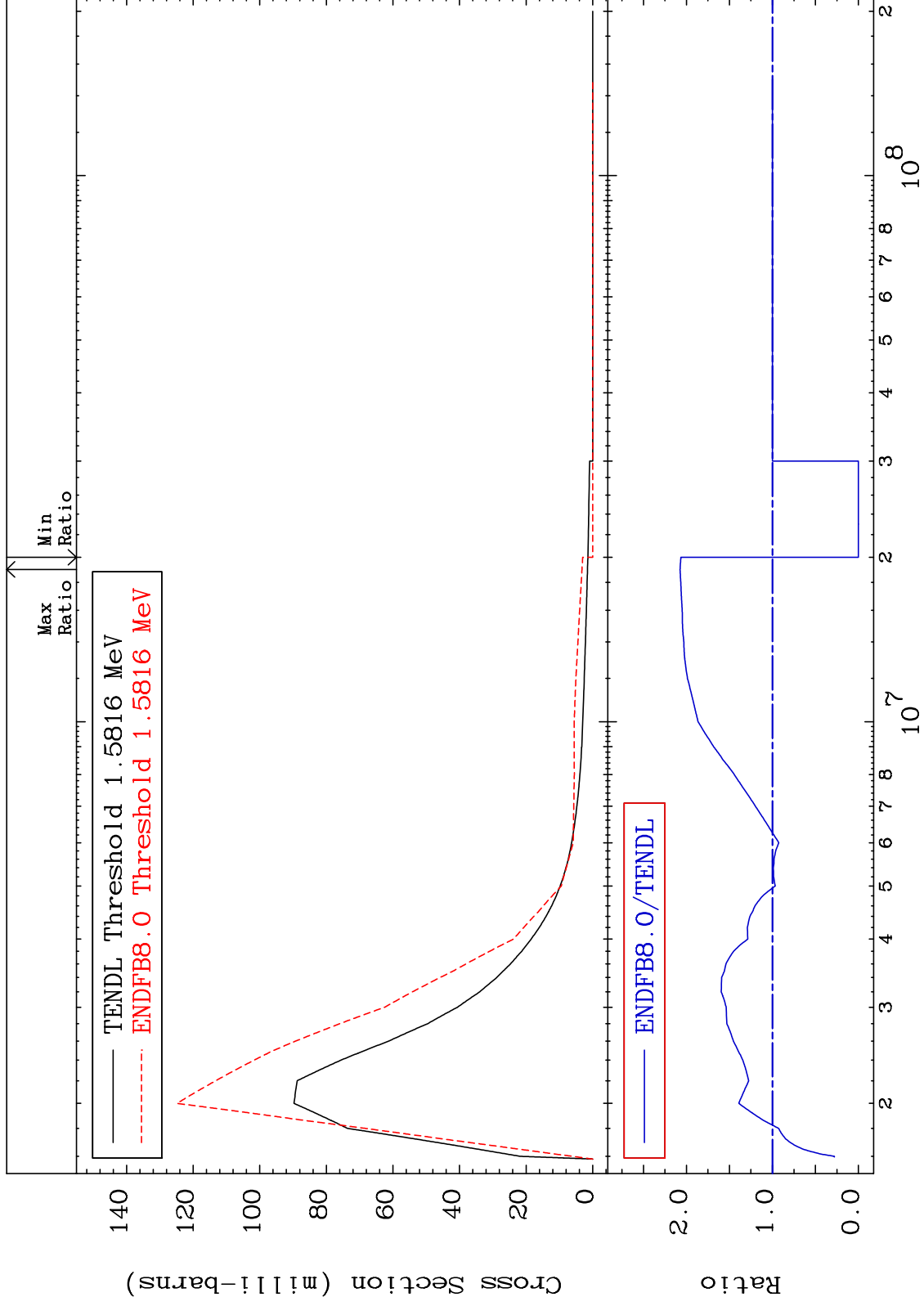
80-Hg-200  
-100.0 To 9999. %



MAT 8037

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

80-Hg-200  
-100.0 To 107.5 %

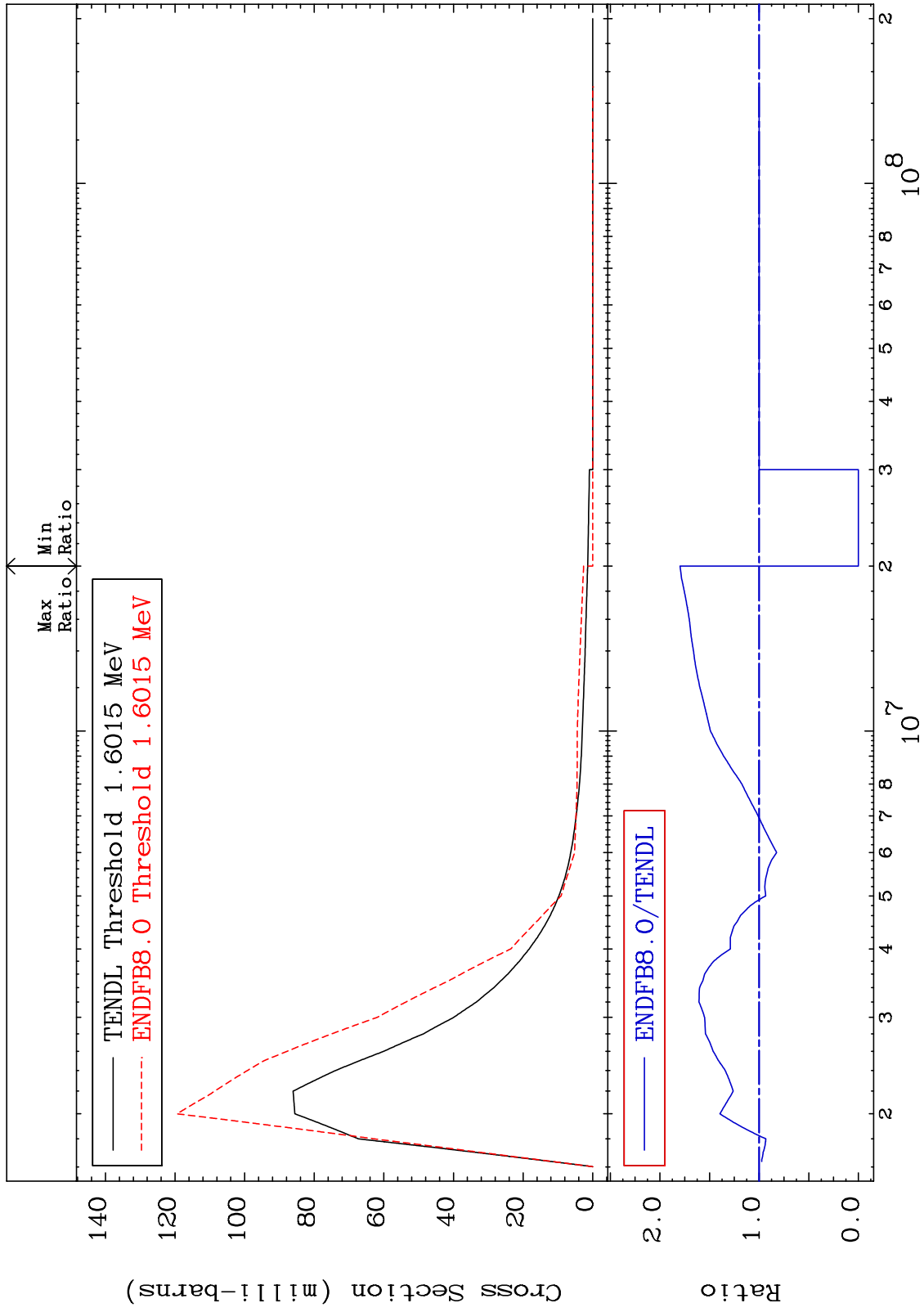




MAT 8037

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

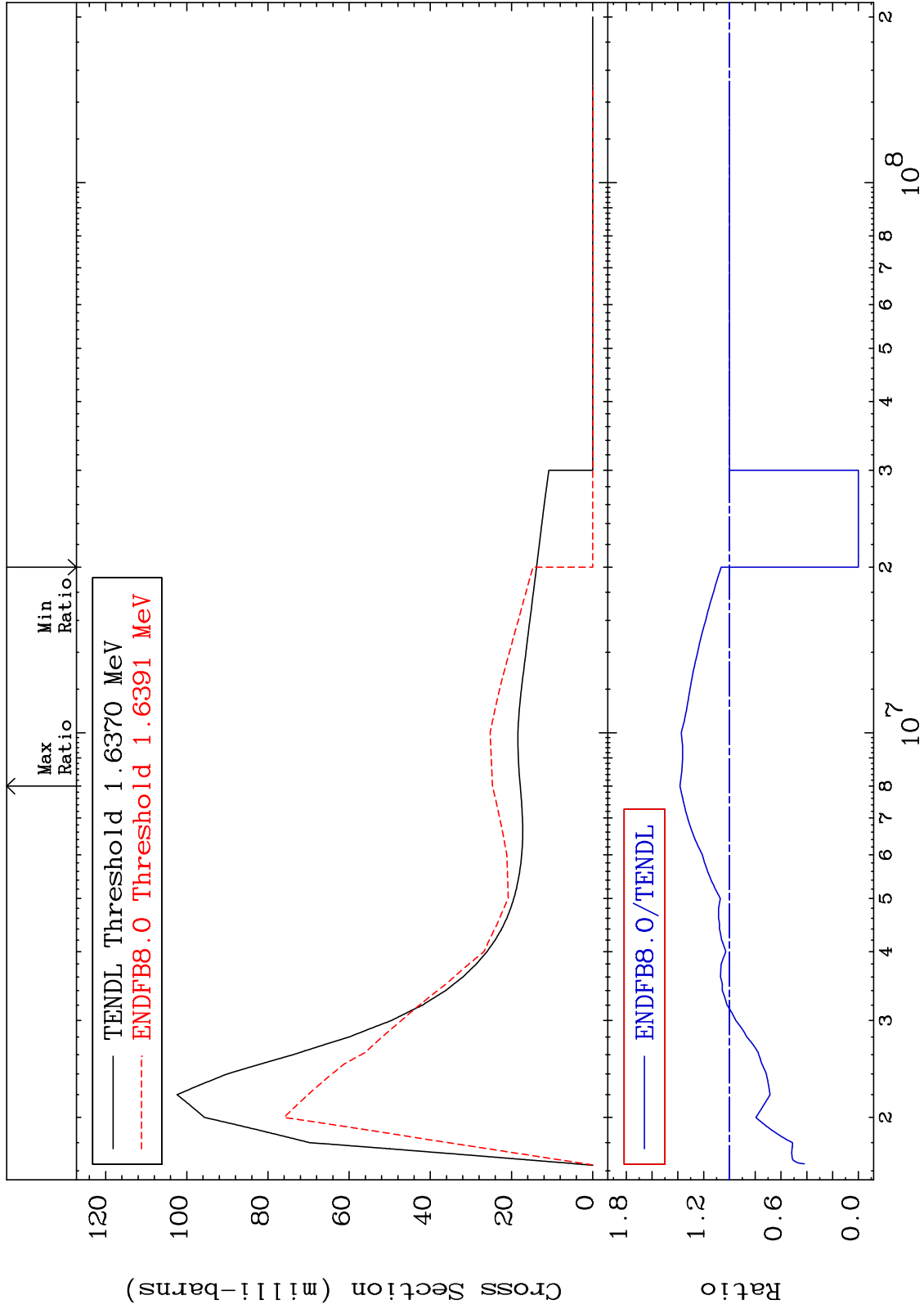
80-Hg-200  
-100.0 To 79.76 %



MAT 8037

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

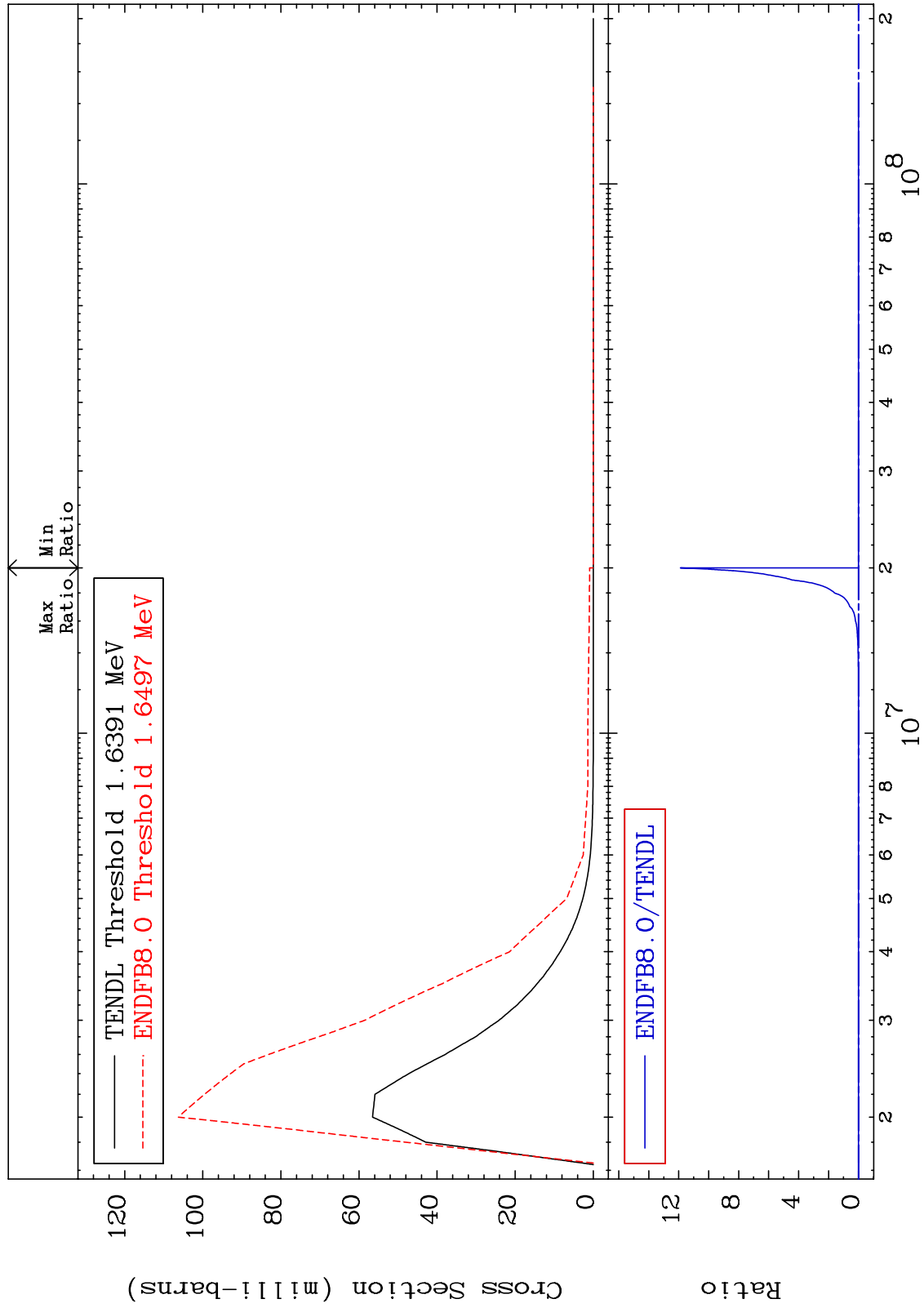
80-Hg-200  
-100.0 To 38.31 %

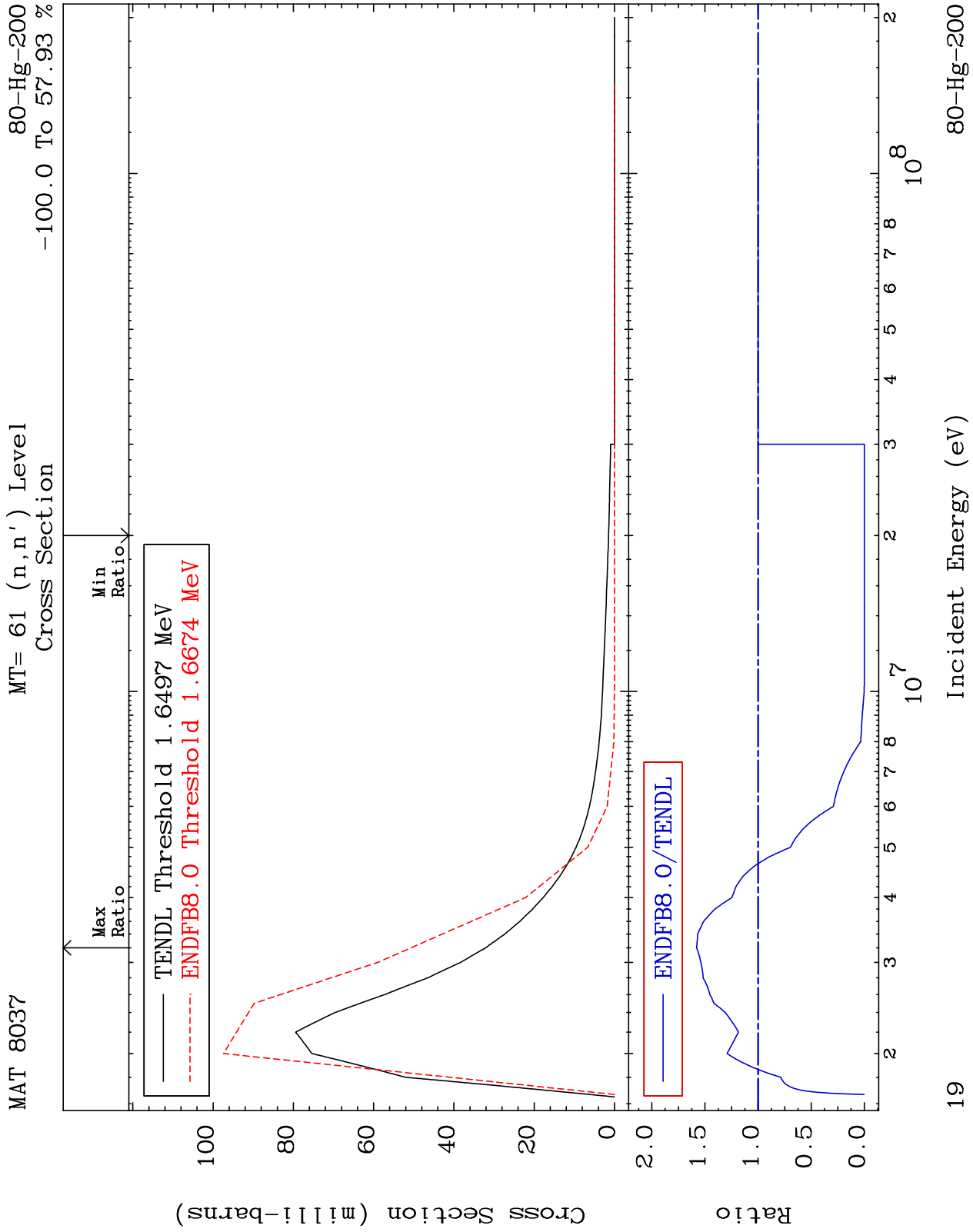


MAT 8037

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

80-Hg-200  
-100.0 To 9999. %

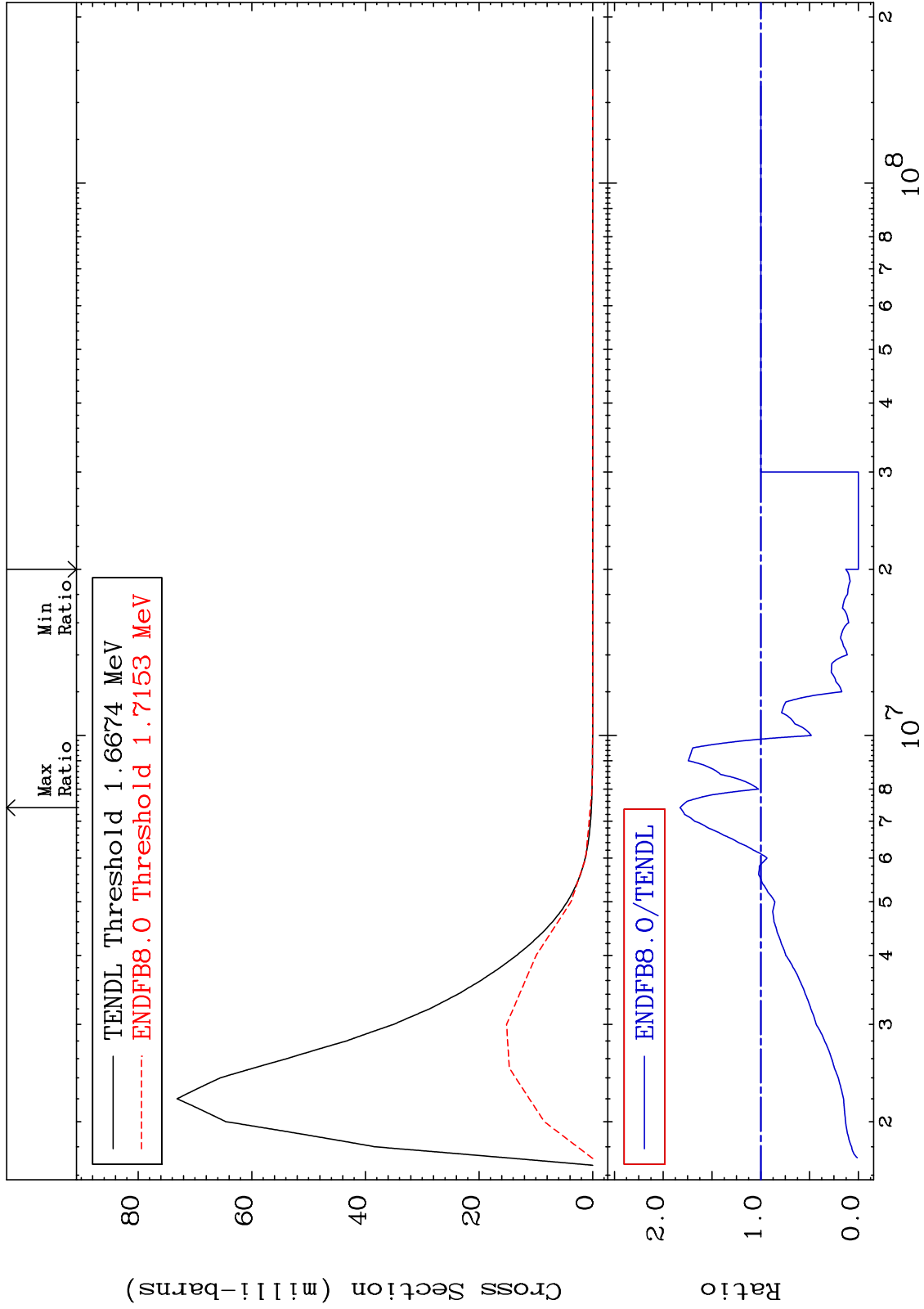




MAT 8037

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

80-Hg-200  
-100.0 To 82.78 %



20

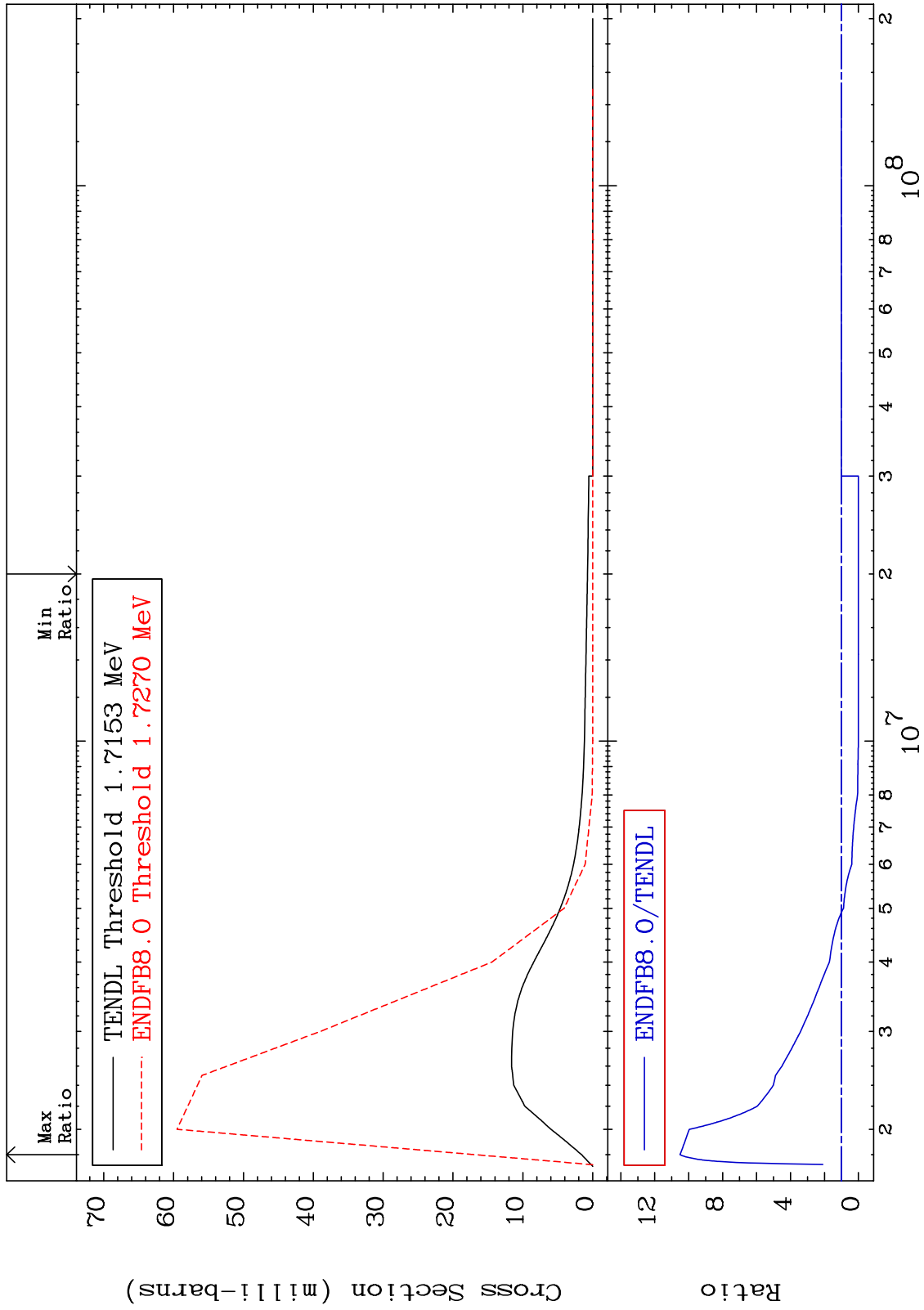
Incident Energy (eV)

80-Hg-200

MAT 8037

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

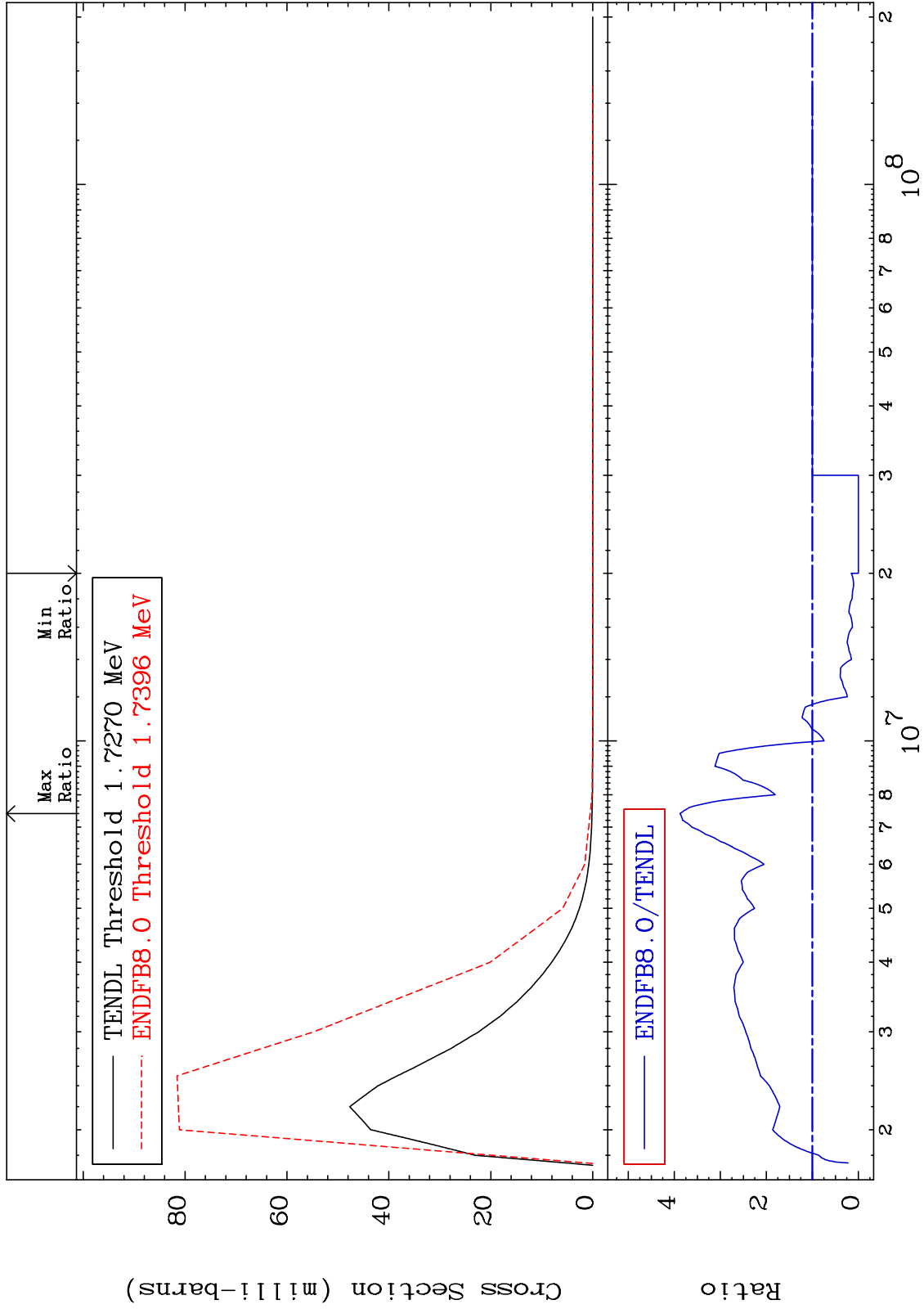
80-Hg-200  
-100.0 To 951.0 %



MAT 8037

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

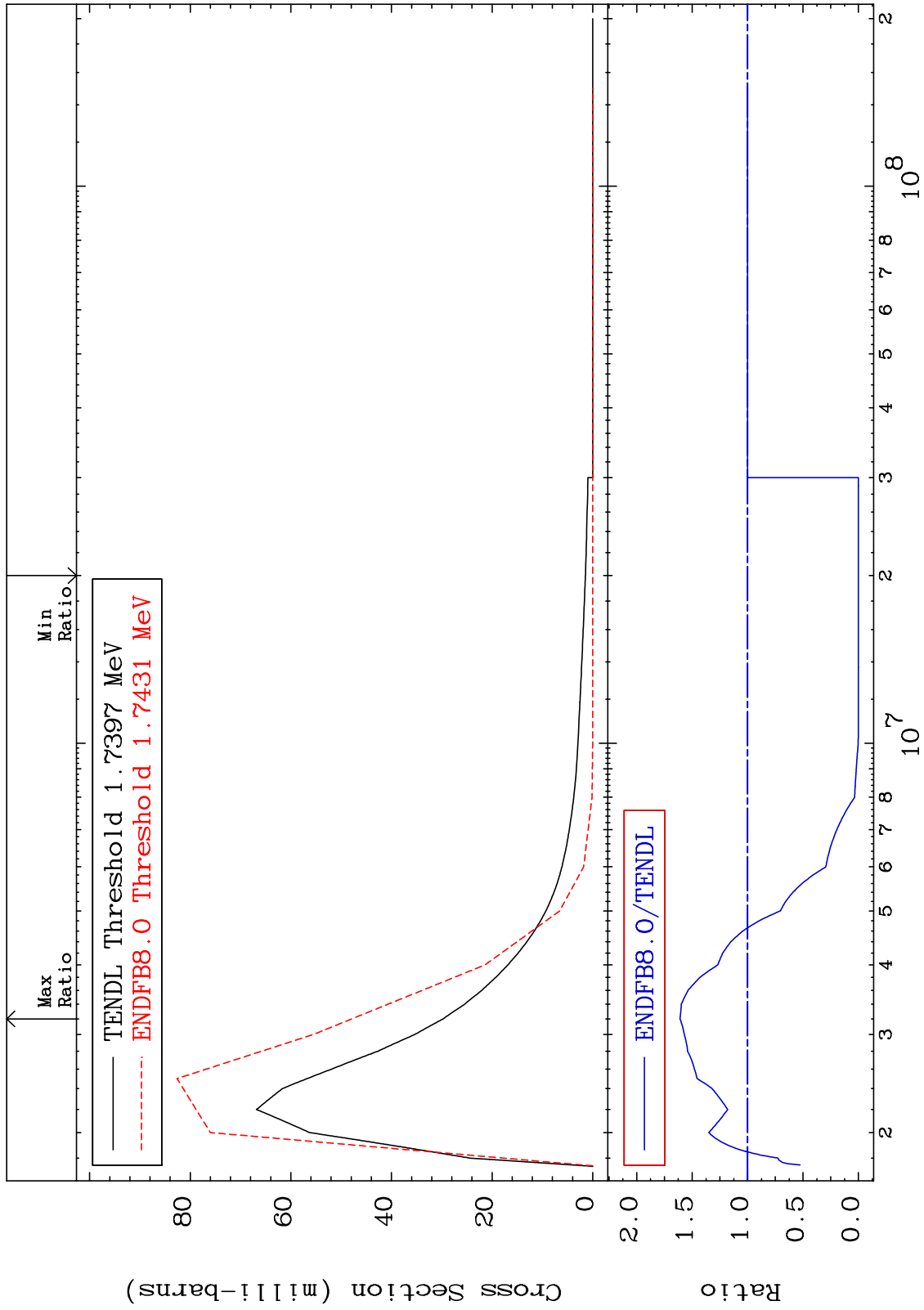
80-Hg-200  
-100.0 To 287.6 %



MAT 8037

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

80-Hg-200  
-100.0 To 60.96 %

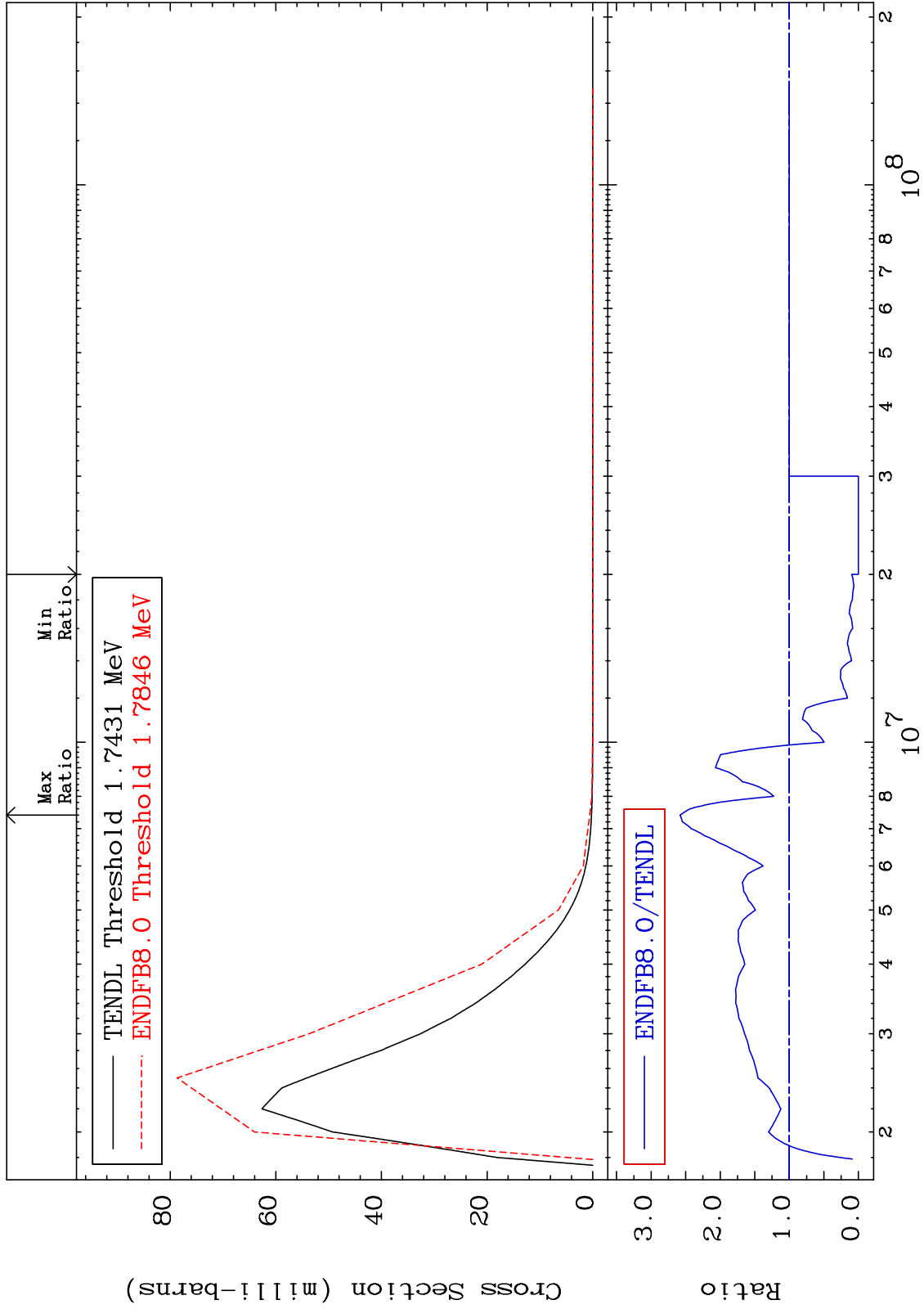




MAT 8037

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

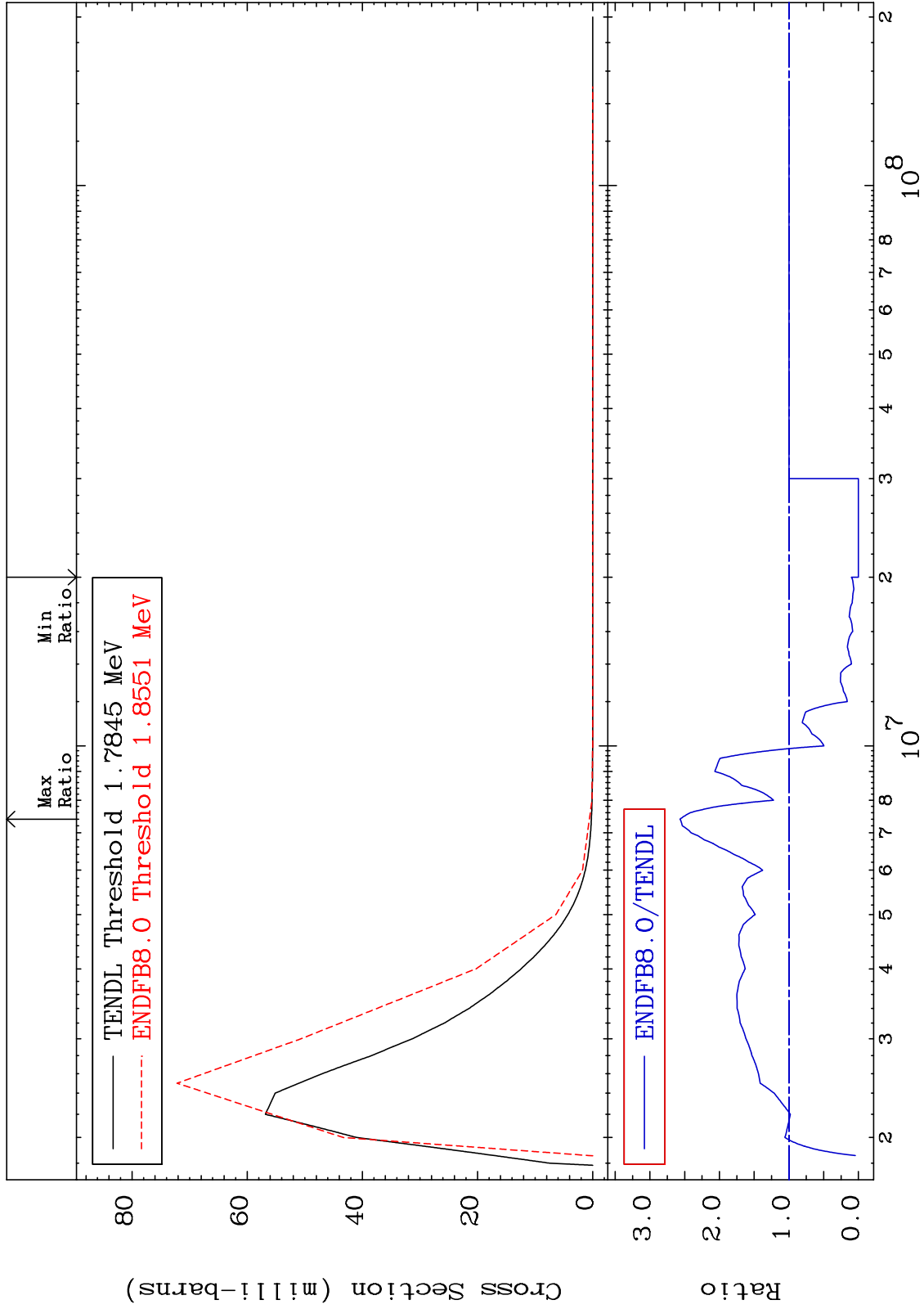
80-Hg-200  
-100.0 To 158.2 %



MAT 8037

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

80-Hg-200  
-100.0 To 156.7 %



25

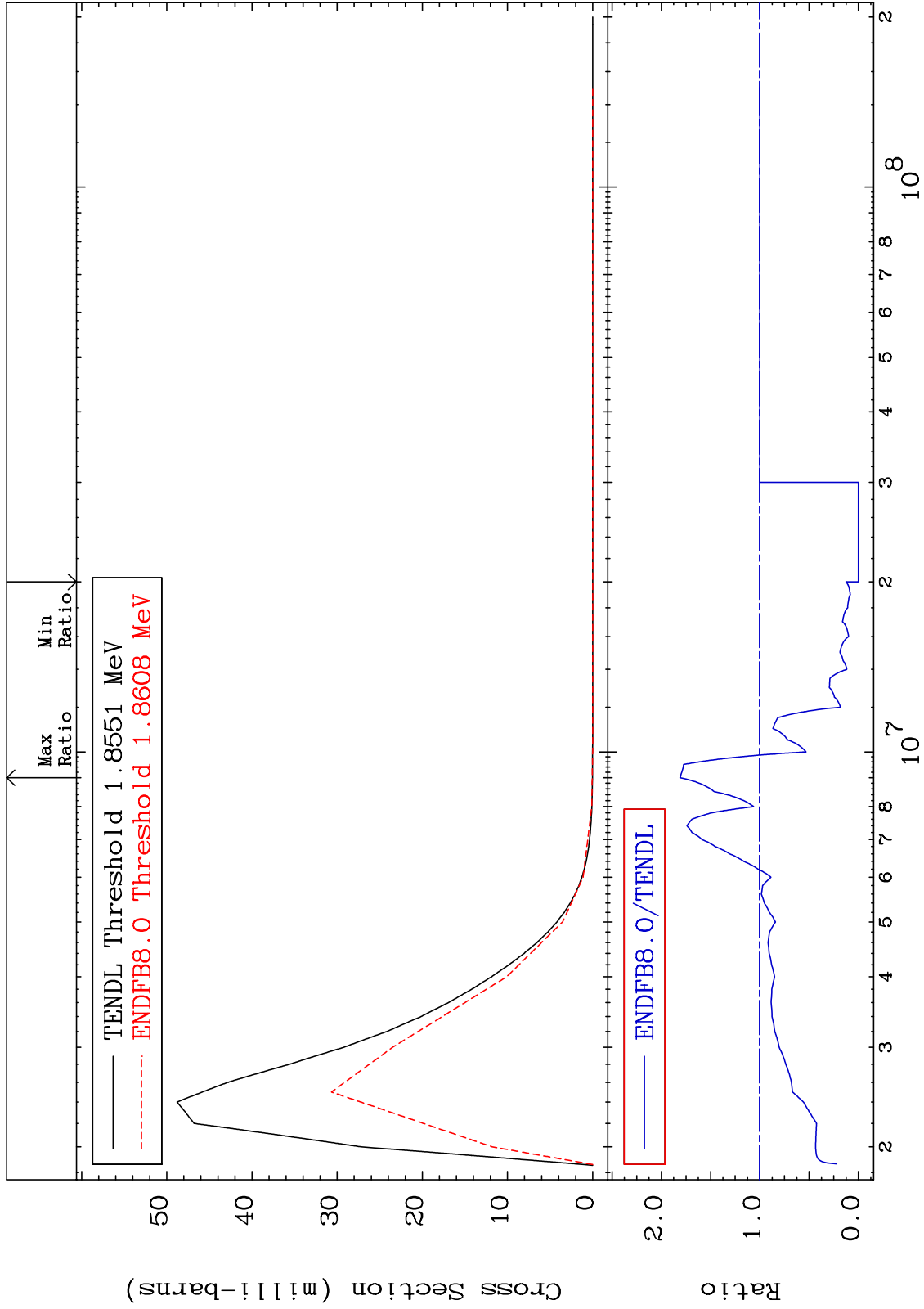
Incident Energy (eV)

80-Hg-200

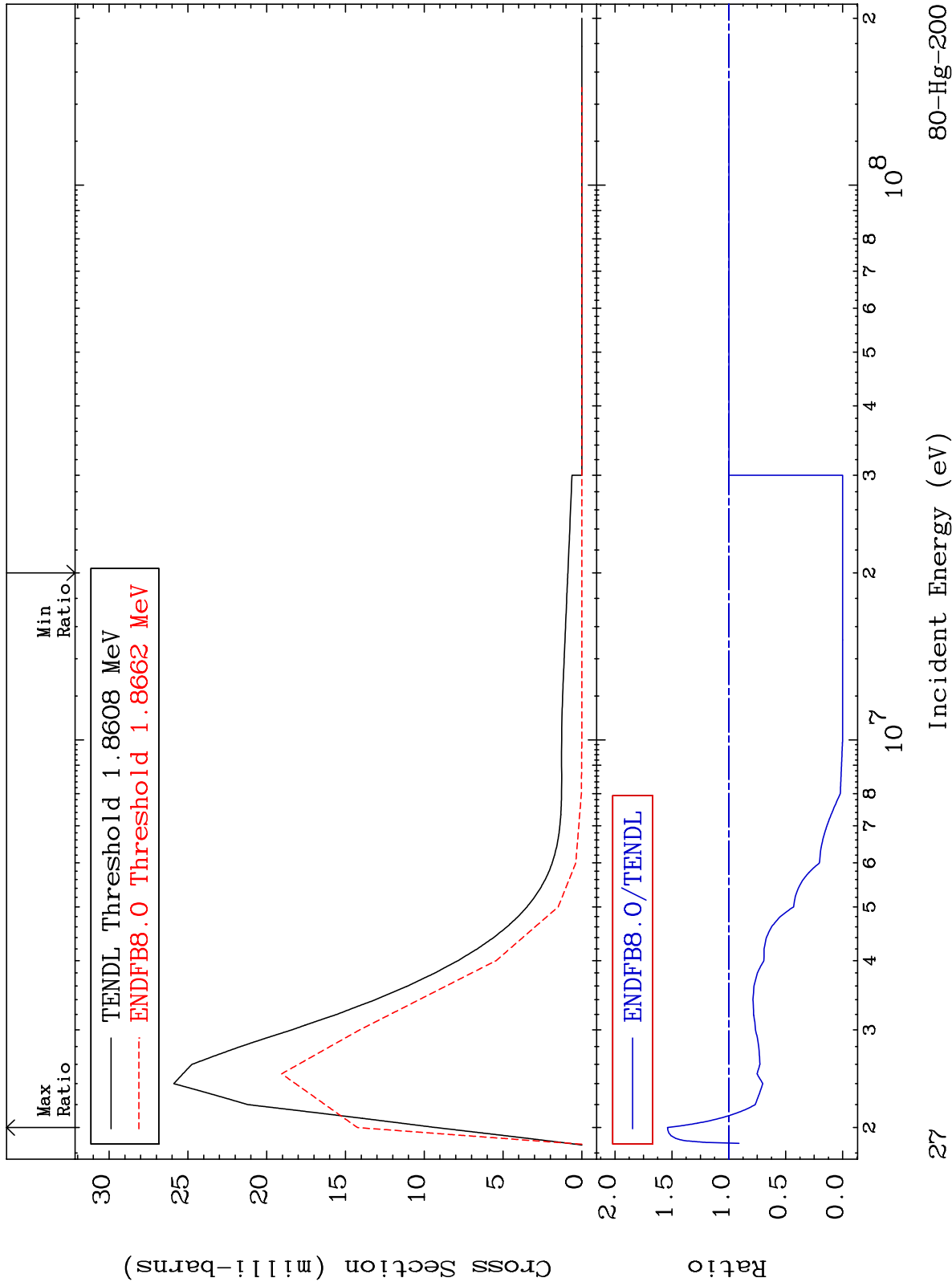
MAT 8037

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

80-Hg-200  
-100.0 To 81.04 %



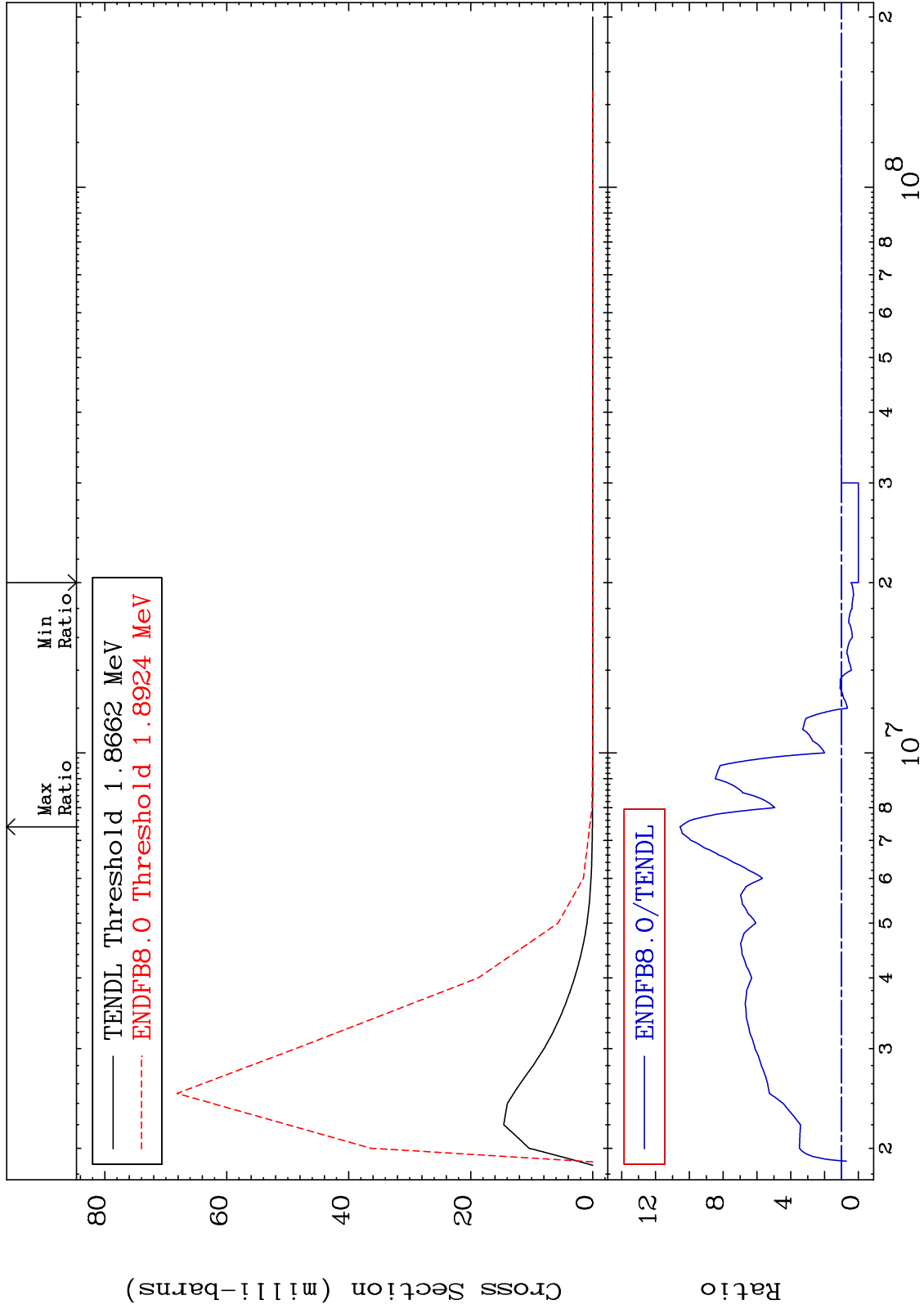
MAT 8037 MT= 69 (n,n') Level Cross Section 80-Hg-200  
 -100.0 To 53.84 %



MAT 8037

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

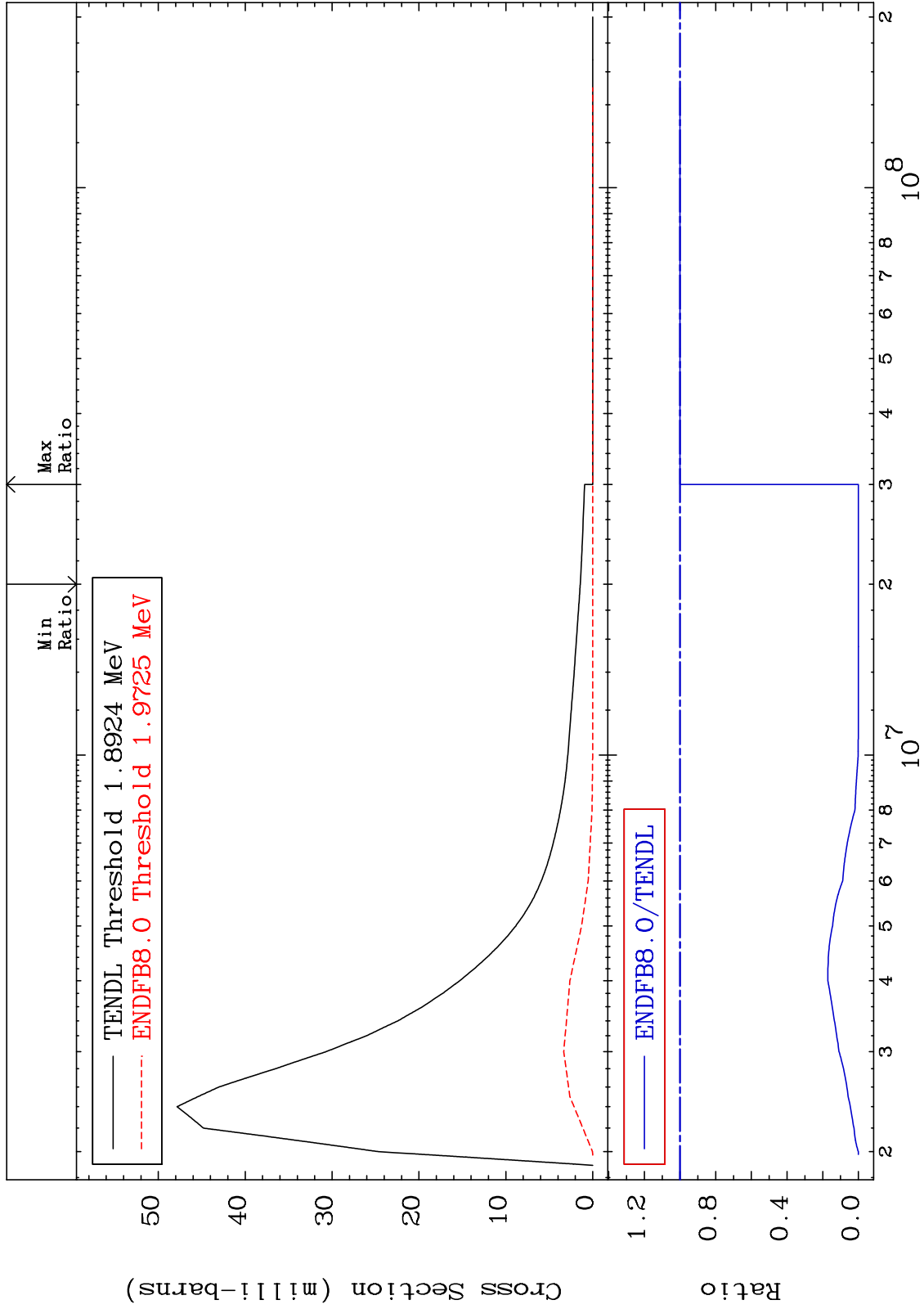
80-Hg-200  
-100.0 To 955.1 %



MAT 8037

MT= 71 (n,n') Level  
Cross Section

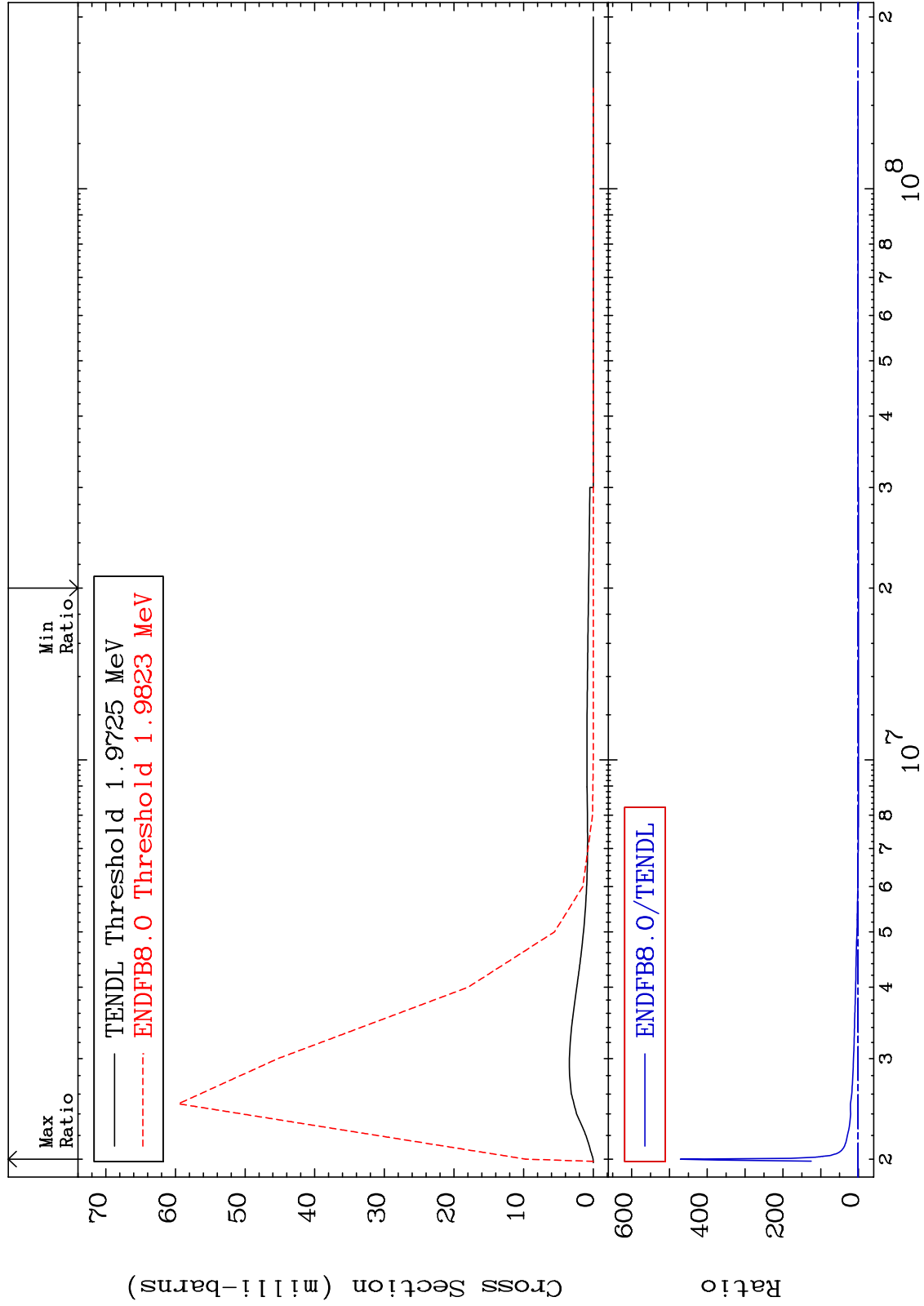
80-Hg-200  
-100.0 To 0.000 %

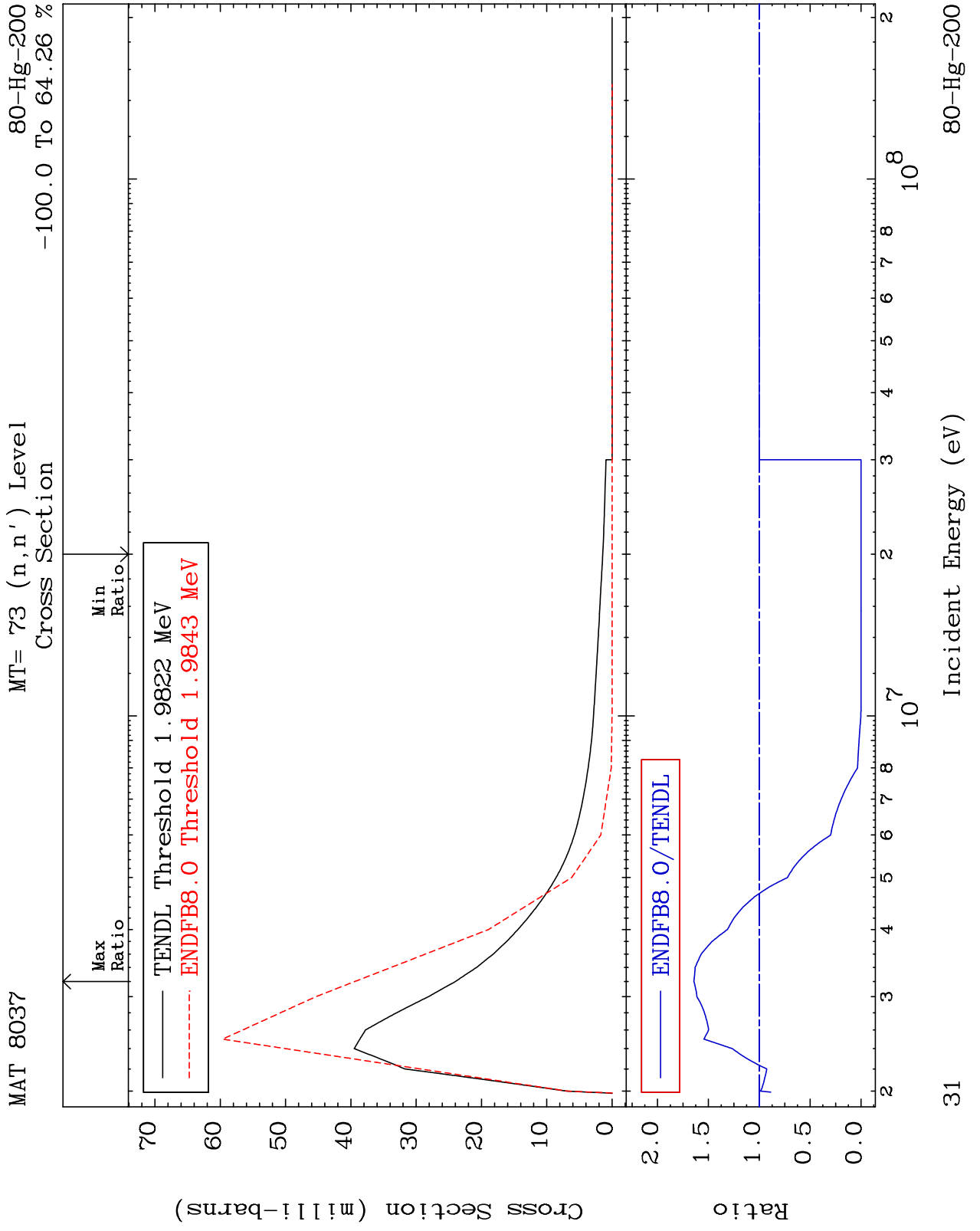


MAT 8037

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

80-Hg-200  
-100.0 To 9999. %



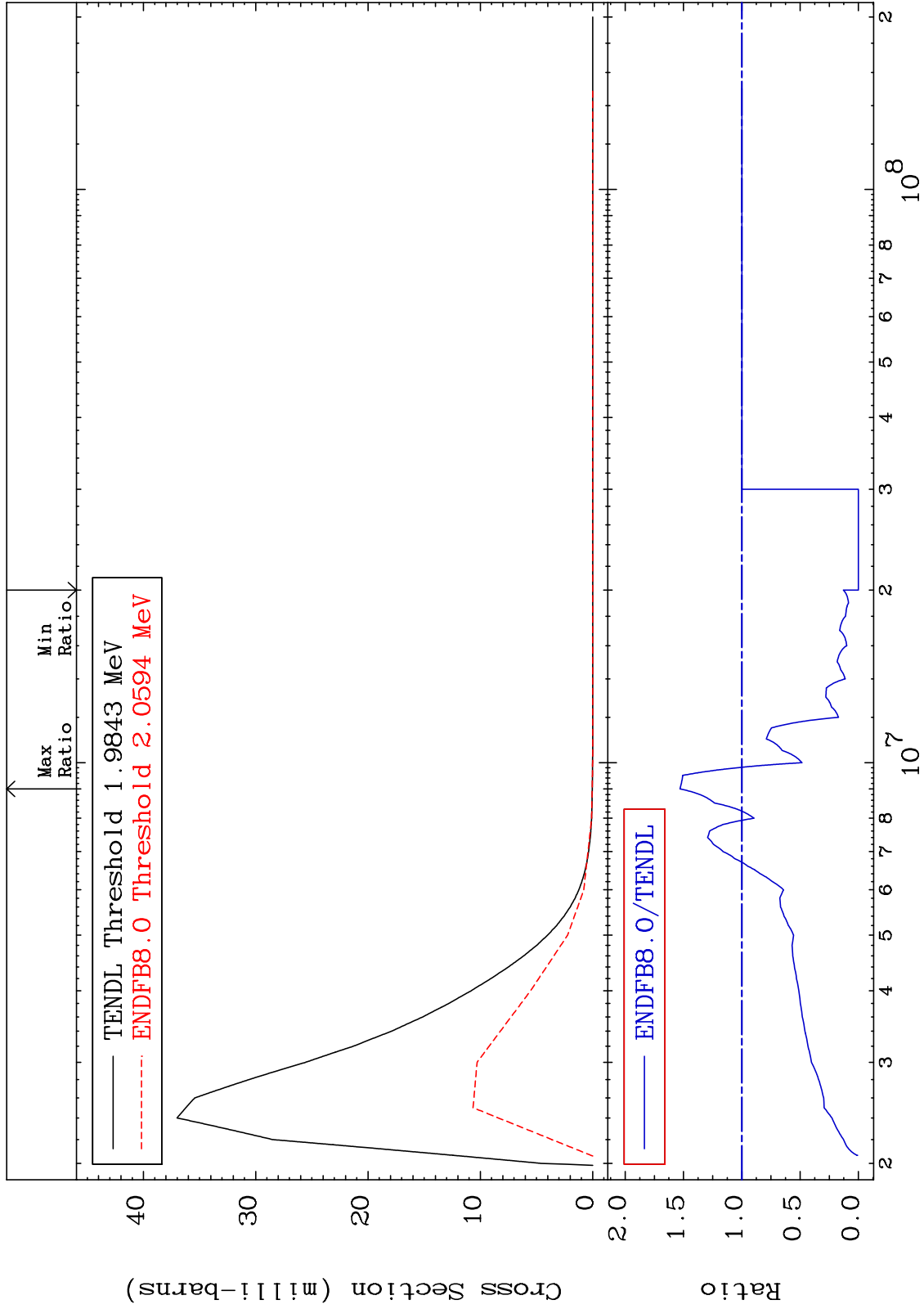


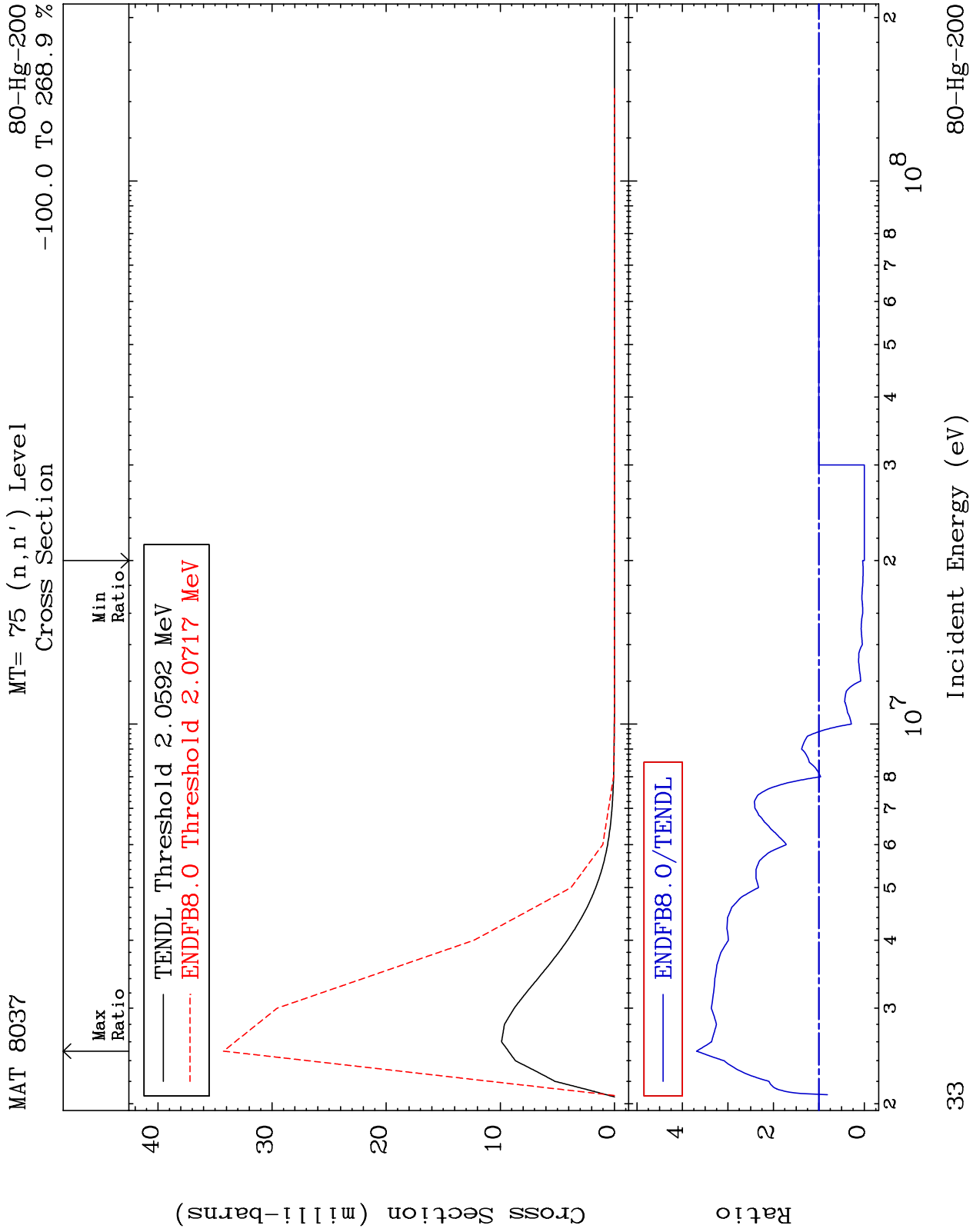


MAT 8037

MT= 74 (n,n') Level  
Cross Section

80-Hg-200  
-100.0 To 52.98 %





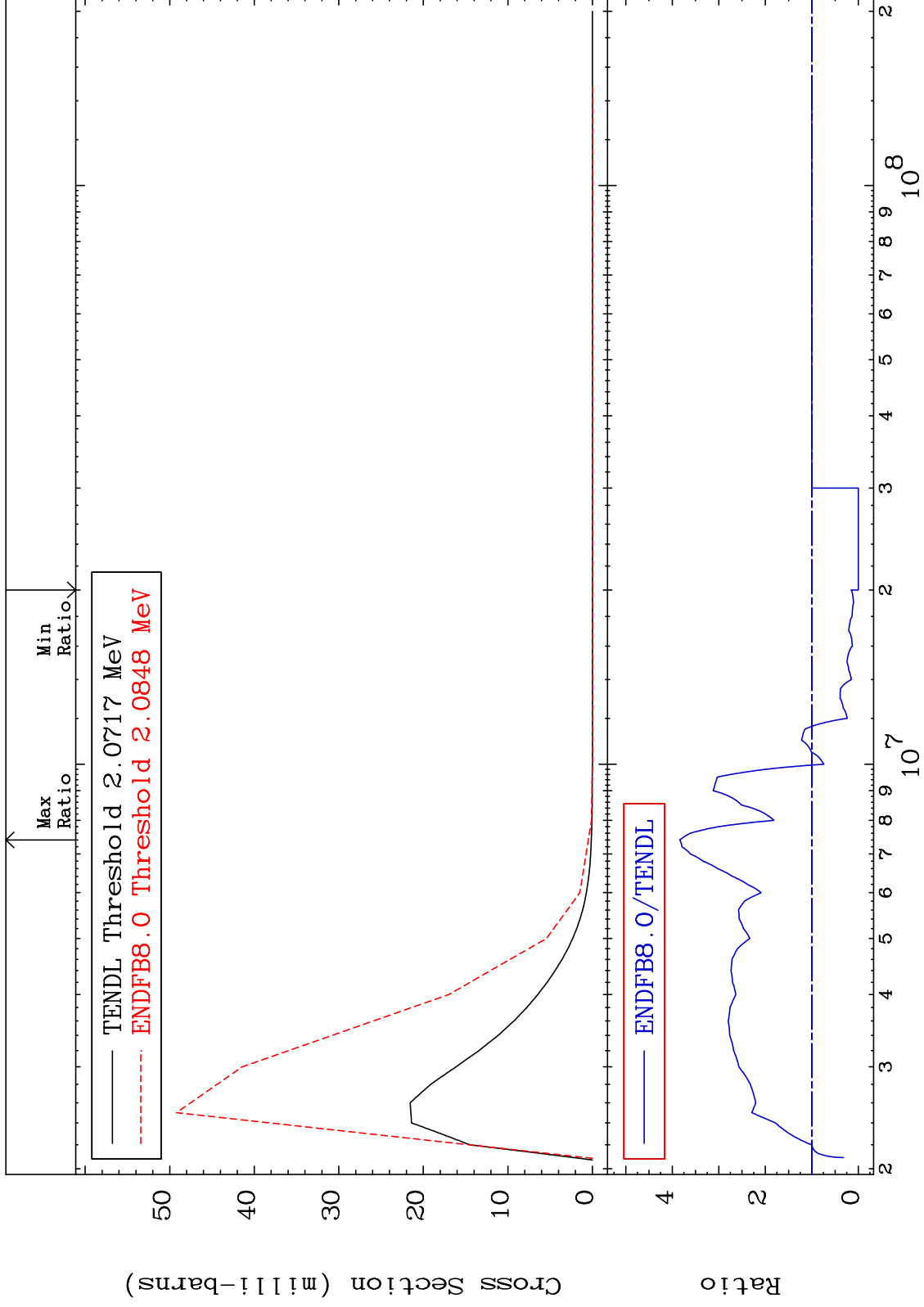
MAT 8037

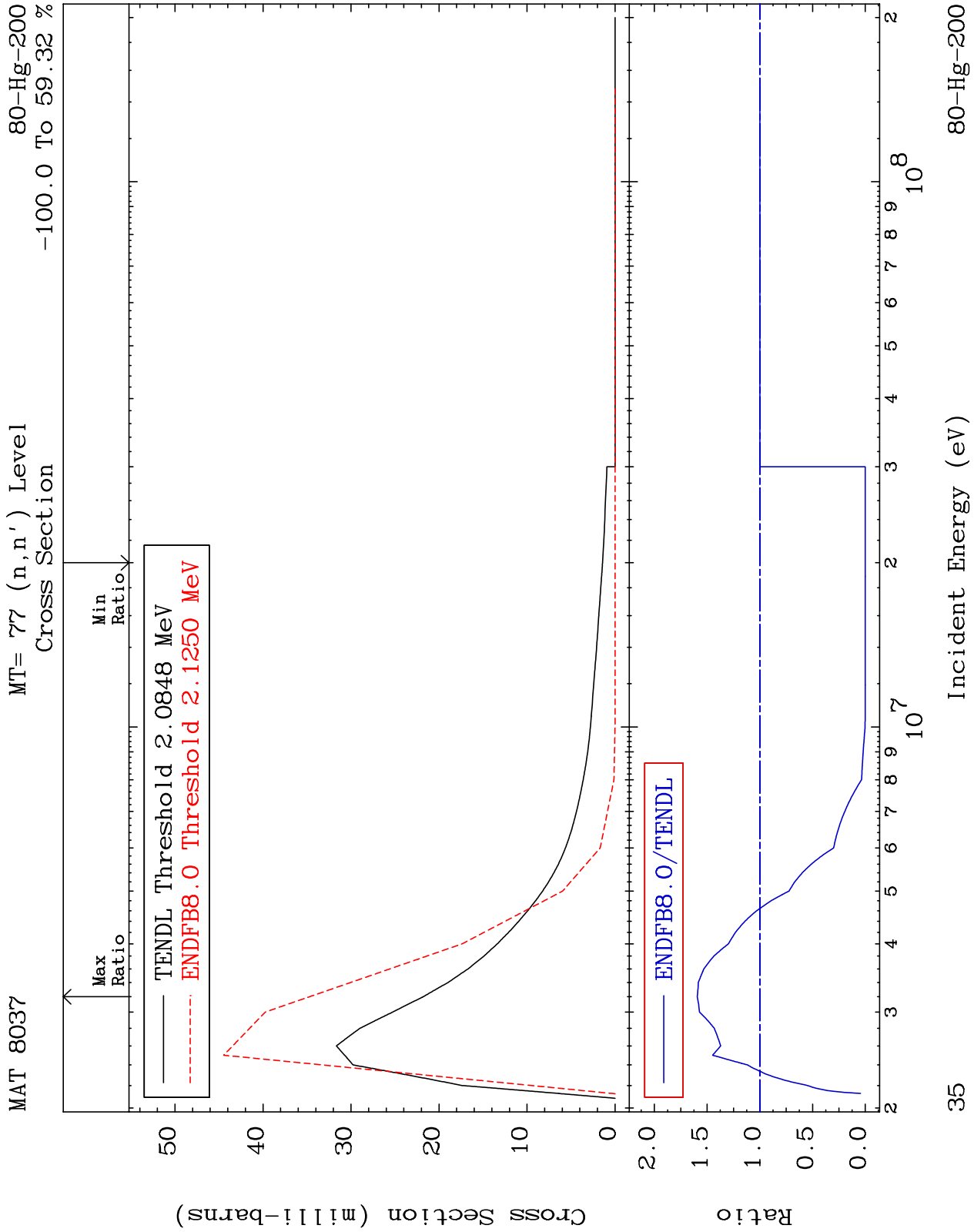
MT= 76 (n,n') Level

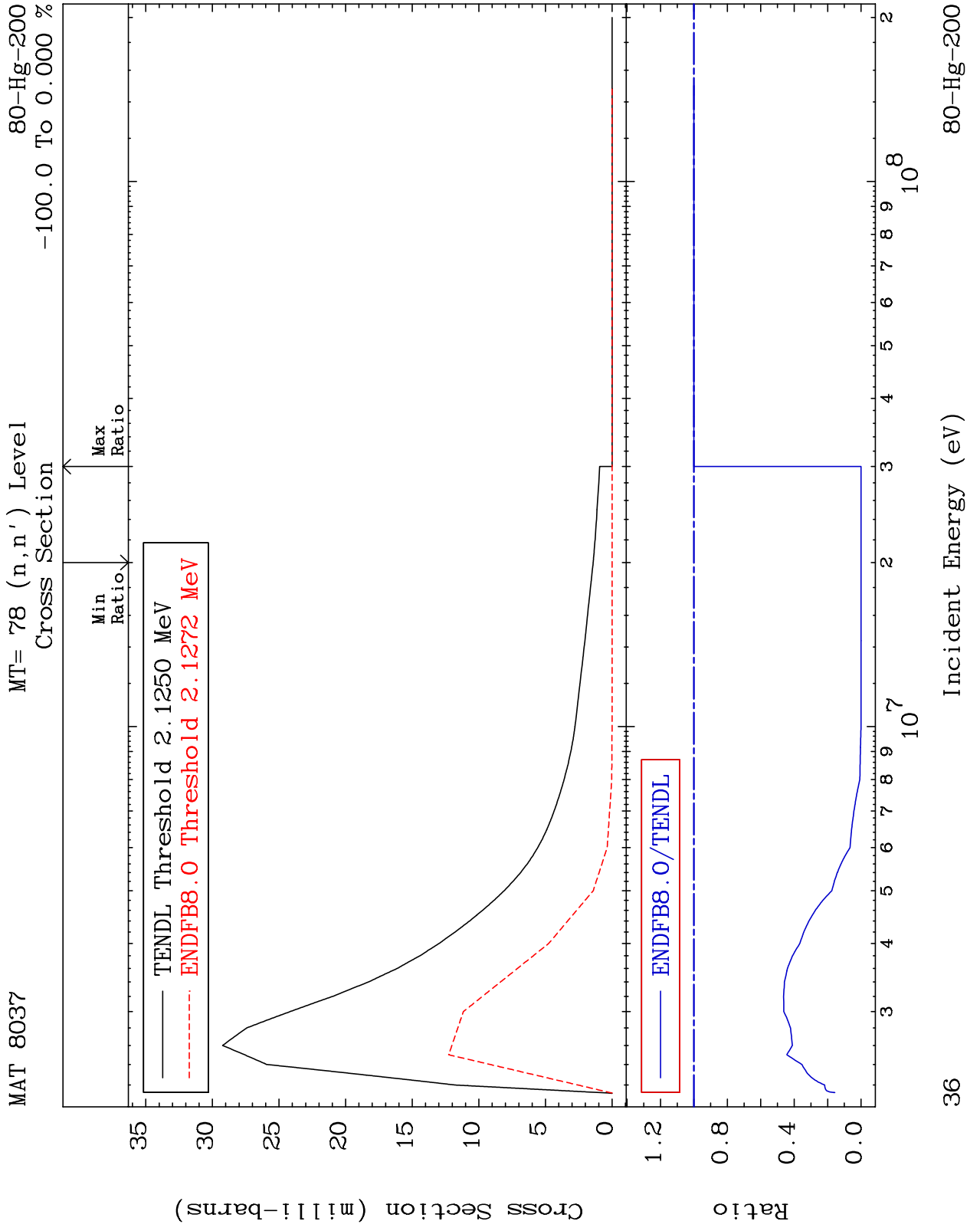
80-Hg-200

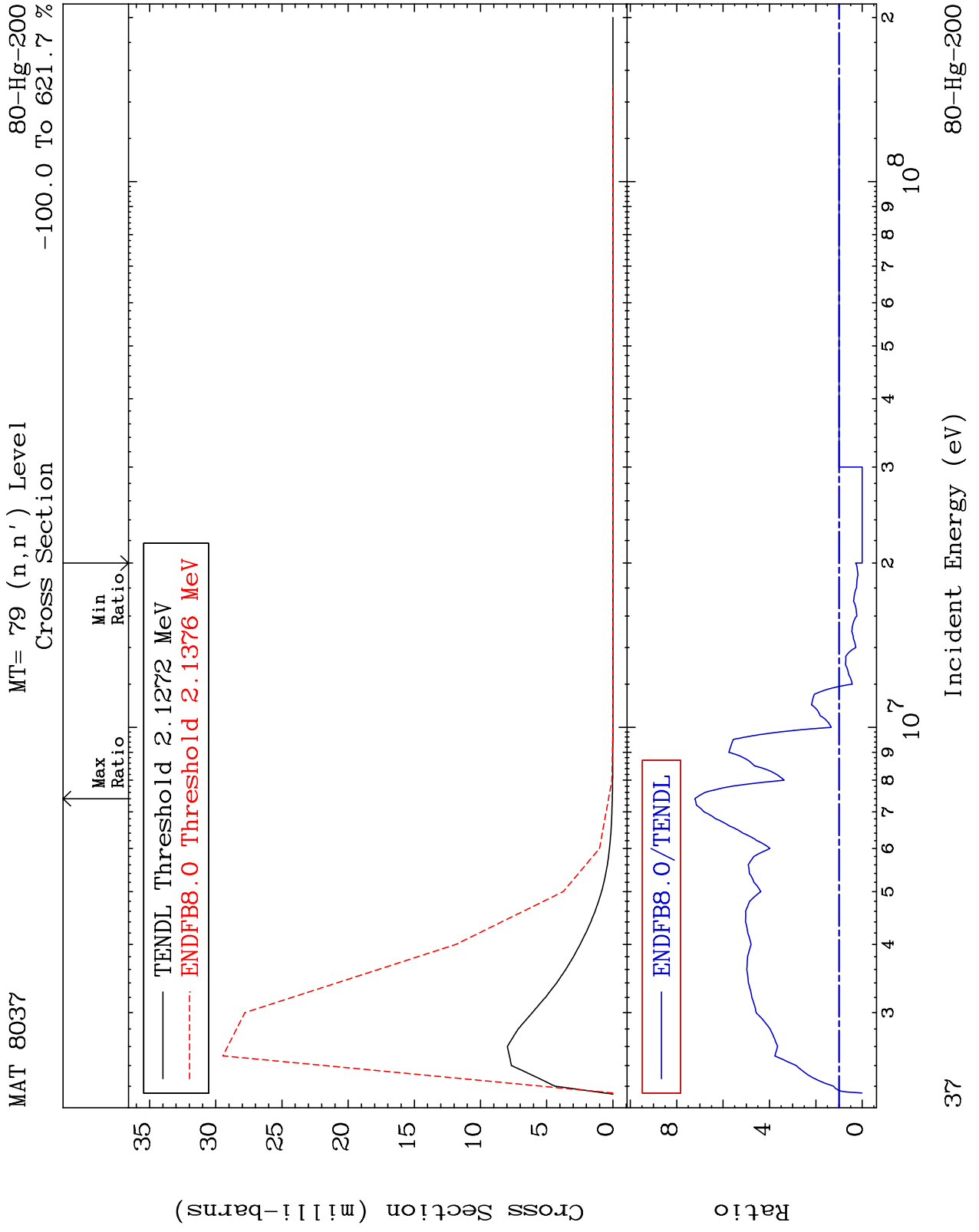
Cross Section

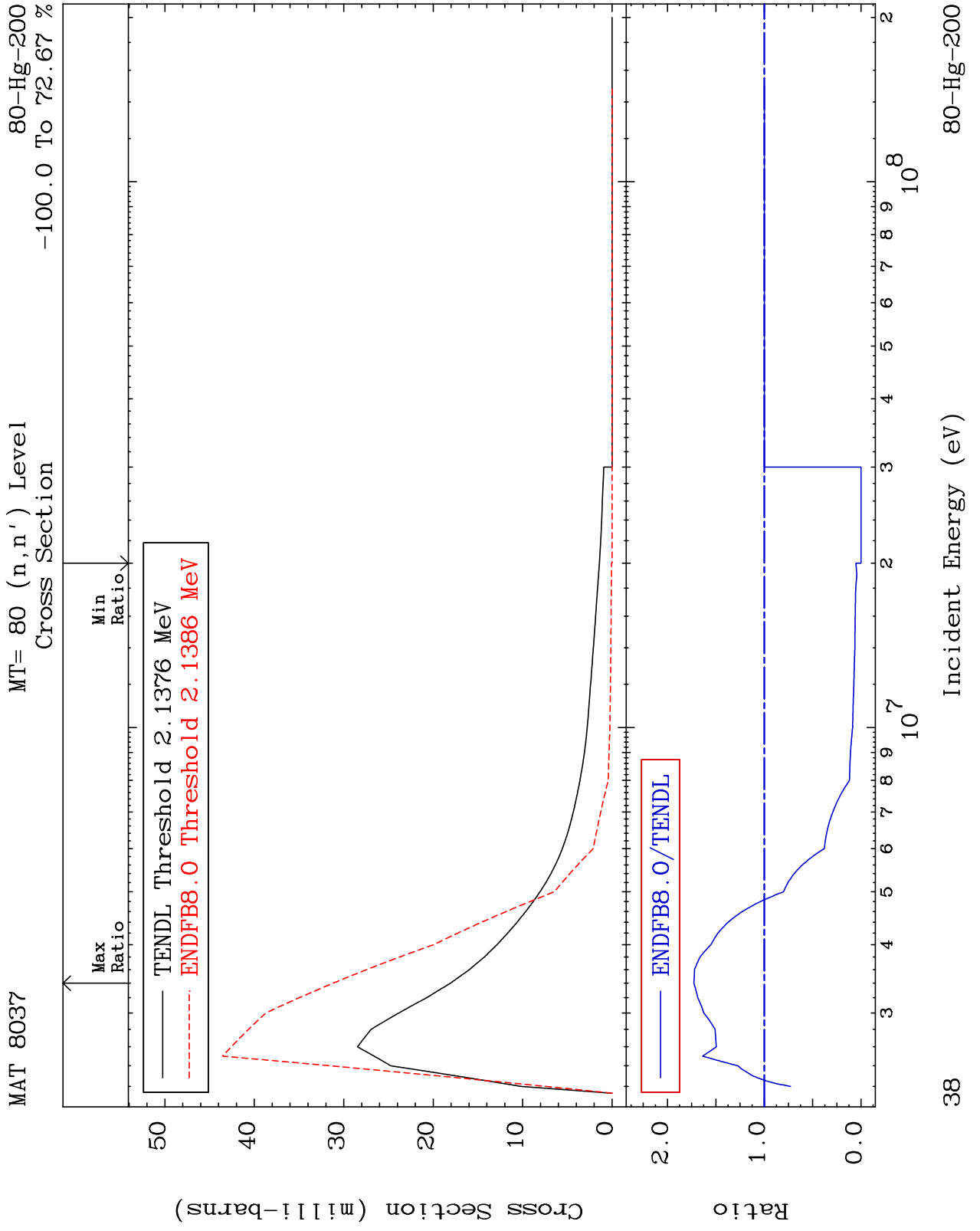
-100.0 To 283.8 %







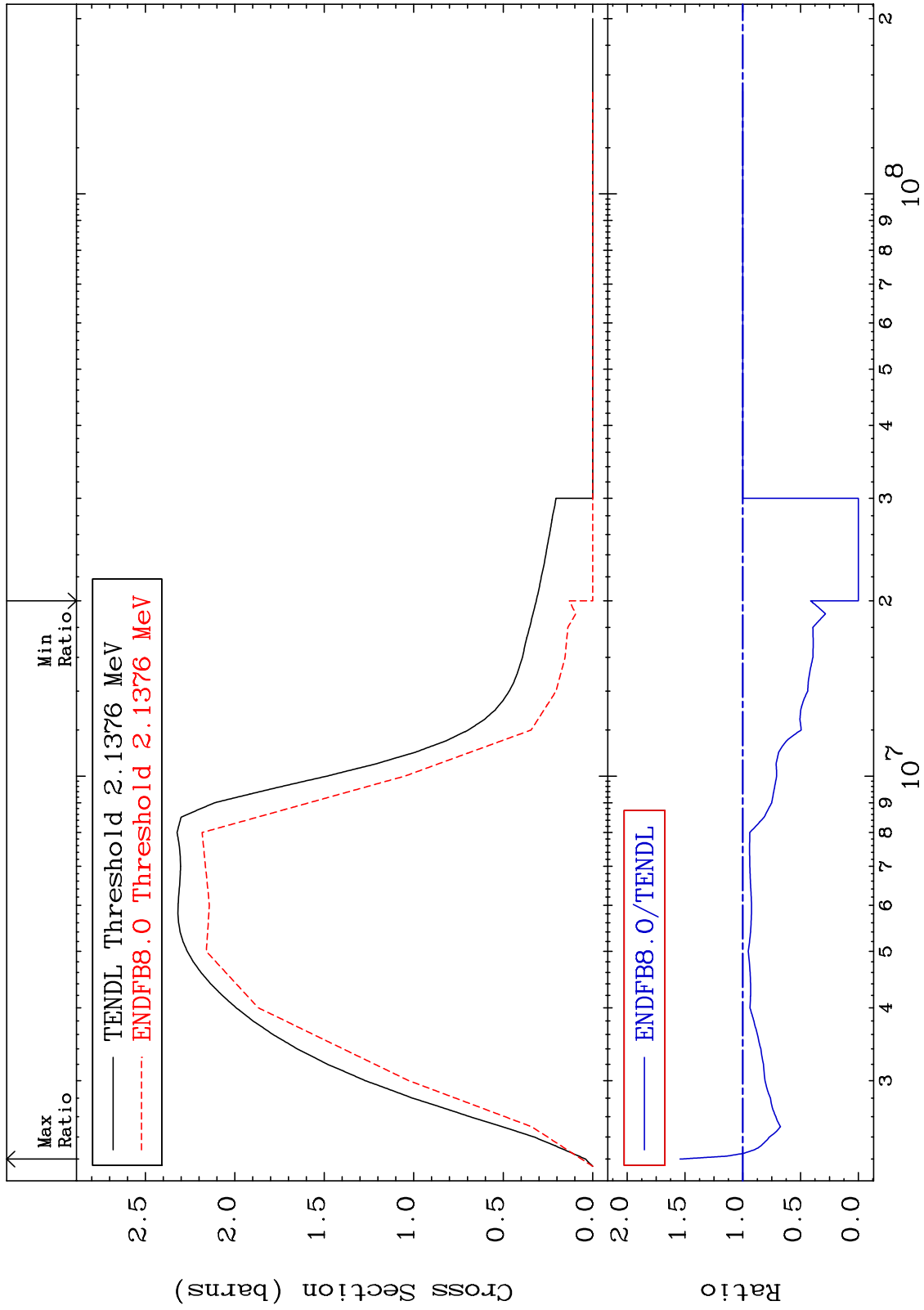




MAT 8037

(n, n') Continuum  
Cross Section

80-Hg-200  
-100.0 To 54.34 %





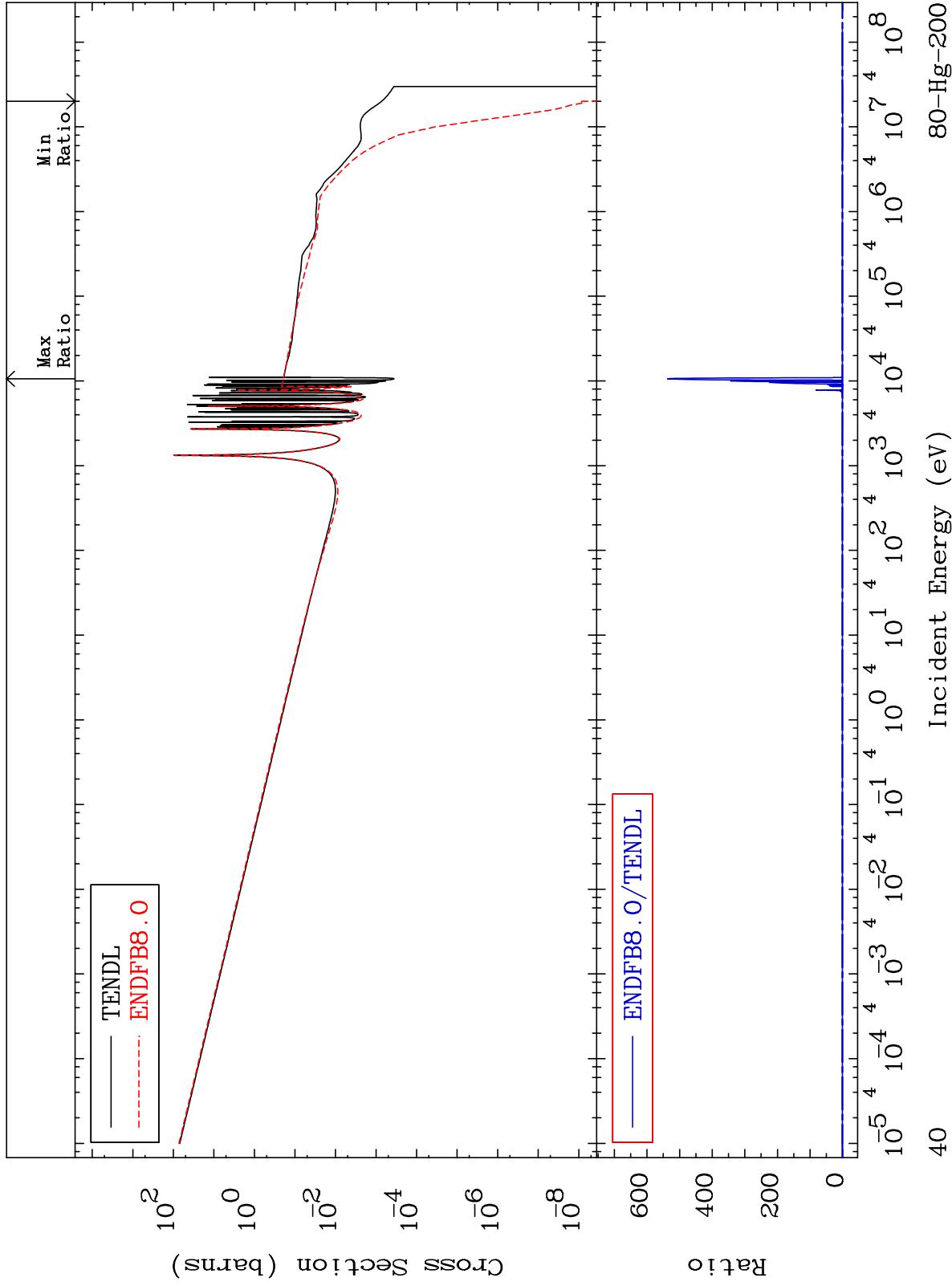
MAT 8037

(n,  $\gamma$ )

80-Hg-200

Cross Section

-100.0 To 9999. %



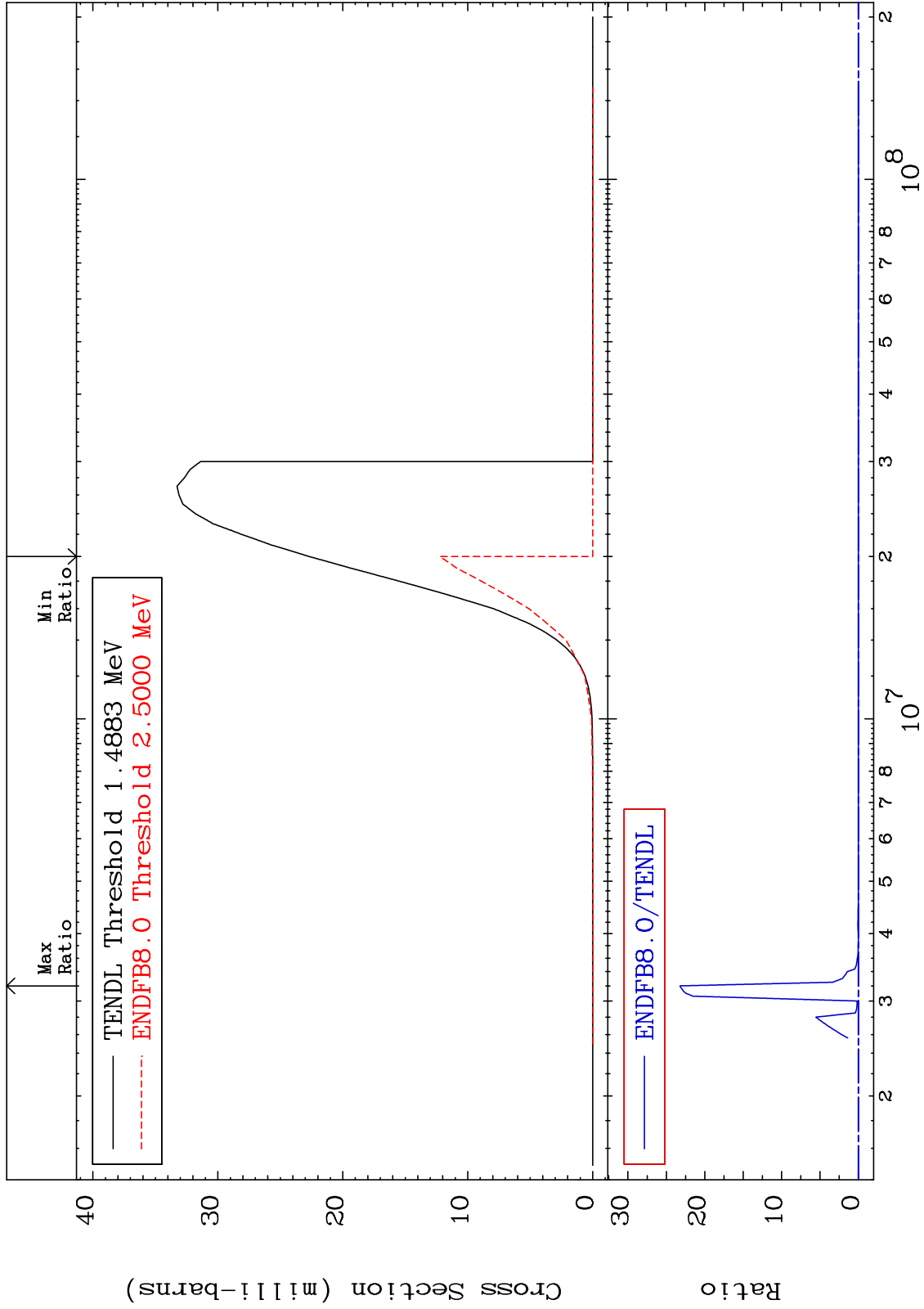
MAT 8037

(n, p)

80-Hg-200

Cross Section

-100.0 To 9999. %



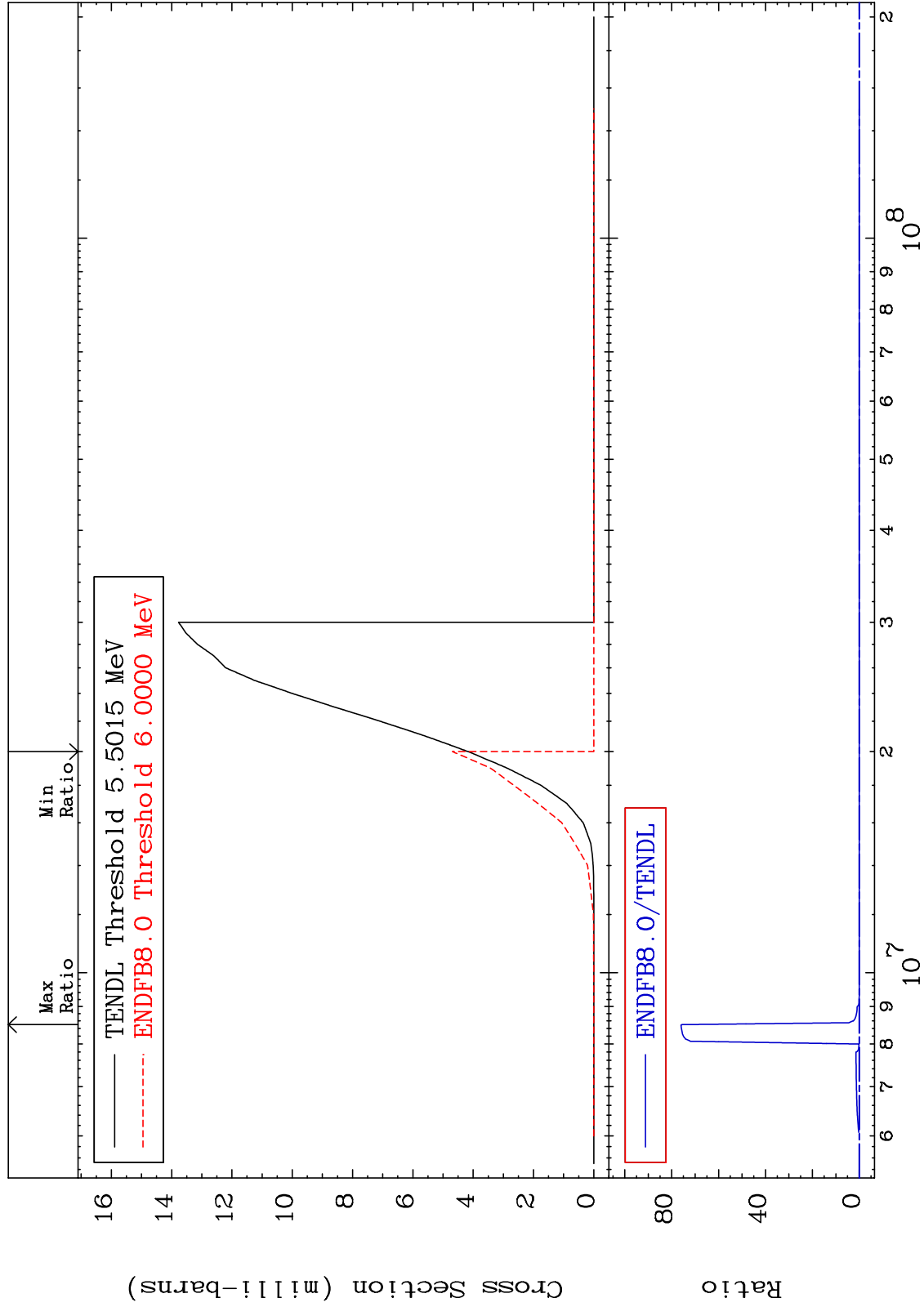
MAT 8037

(n, d)

80-Hg-200

Cross Section

-100.0 To 9999. %



42

Incident Energy (eV)

80-Hg-200

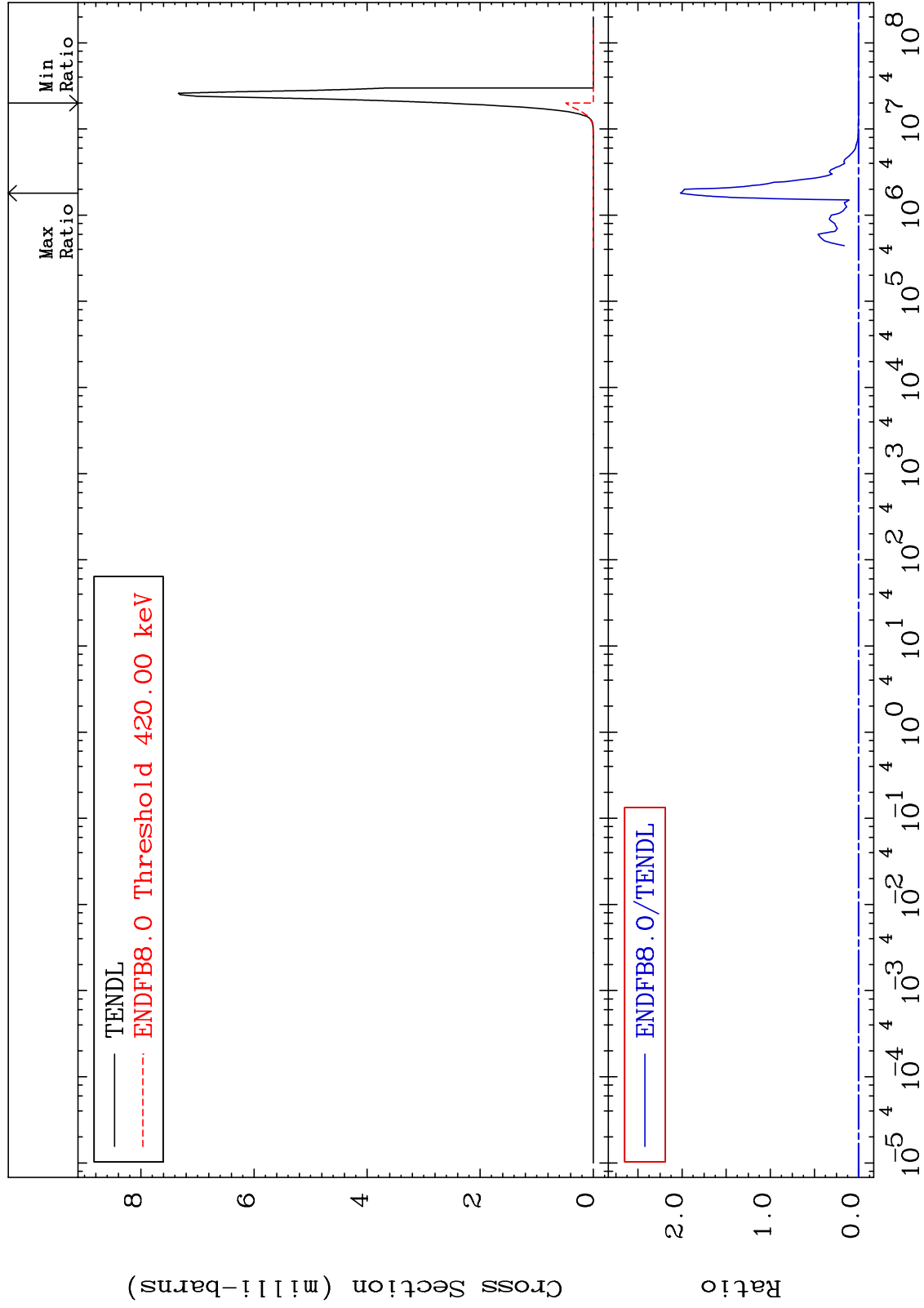
MAT 8037

(n,  $\alpha$ )

80-Hg-200

Cross Section

-100.0 To 9999. %



43

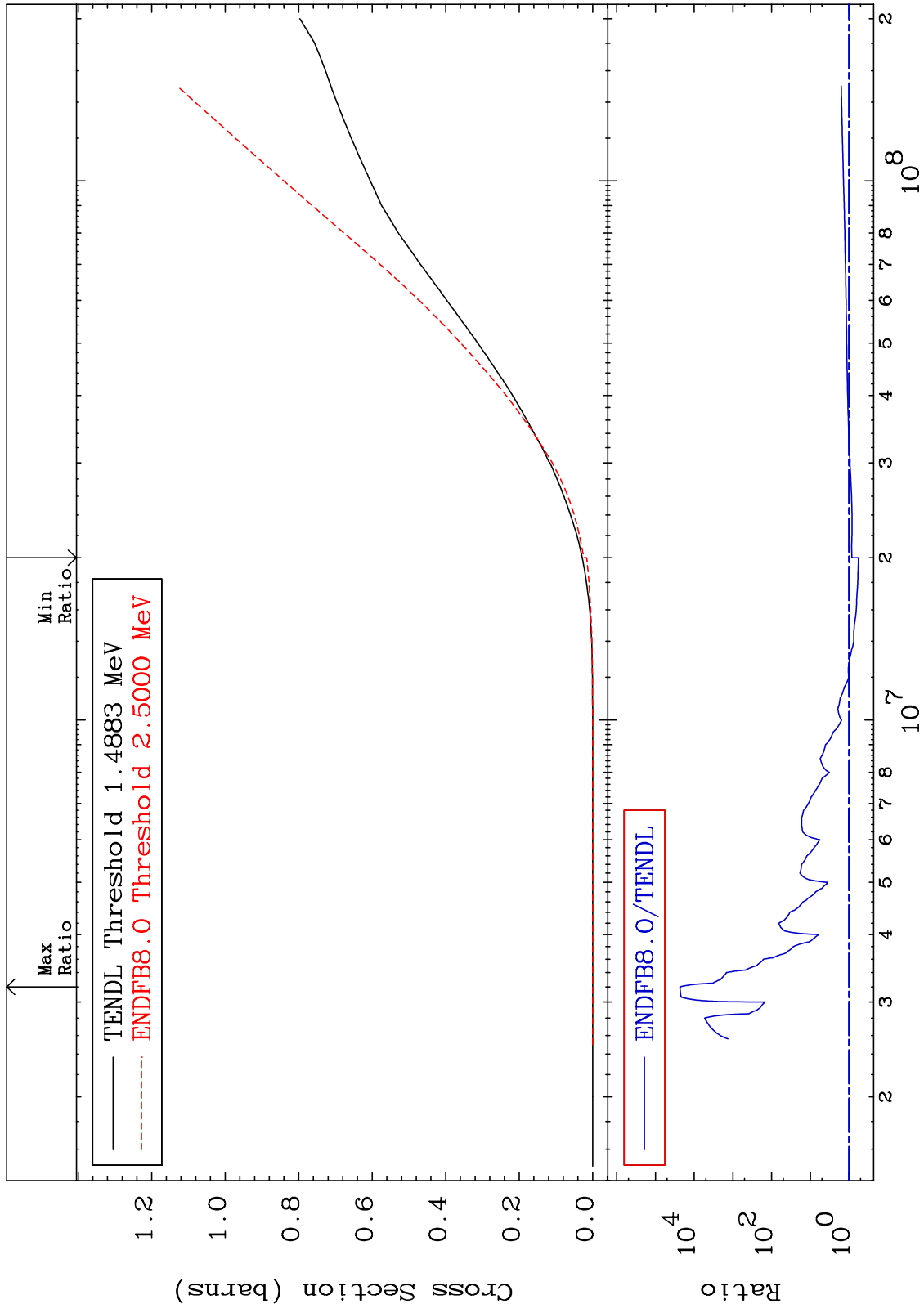
Incident Energy (eV)

80-Hg-200

MAT 8037

Hydrogen Production  
Cross Section

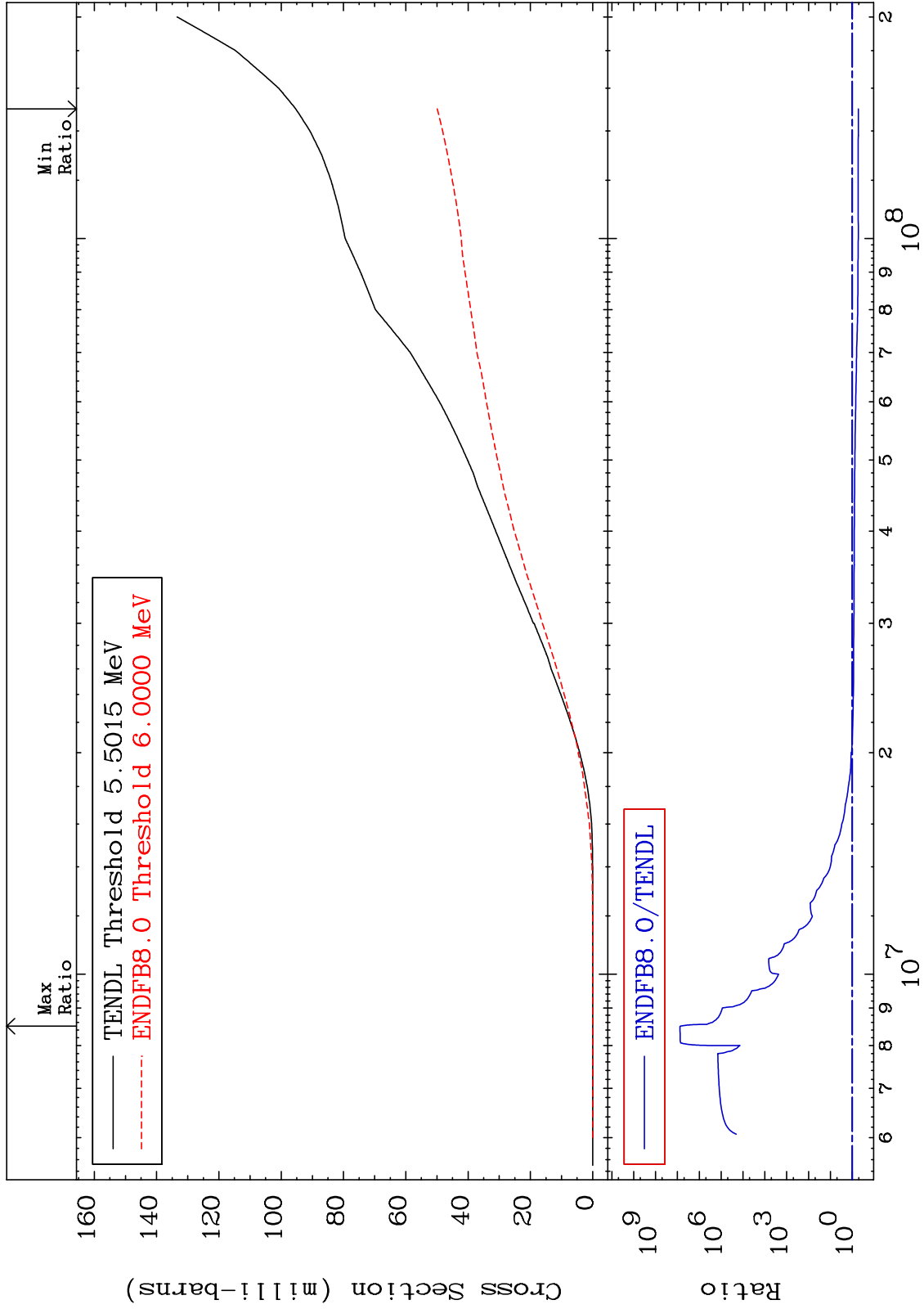
80-Hg-200  
-42.94 To 9999. %



MAT 8037

Deuterium Production  
Cross Section

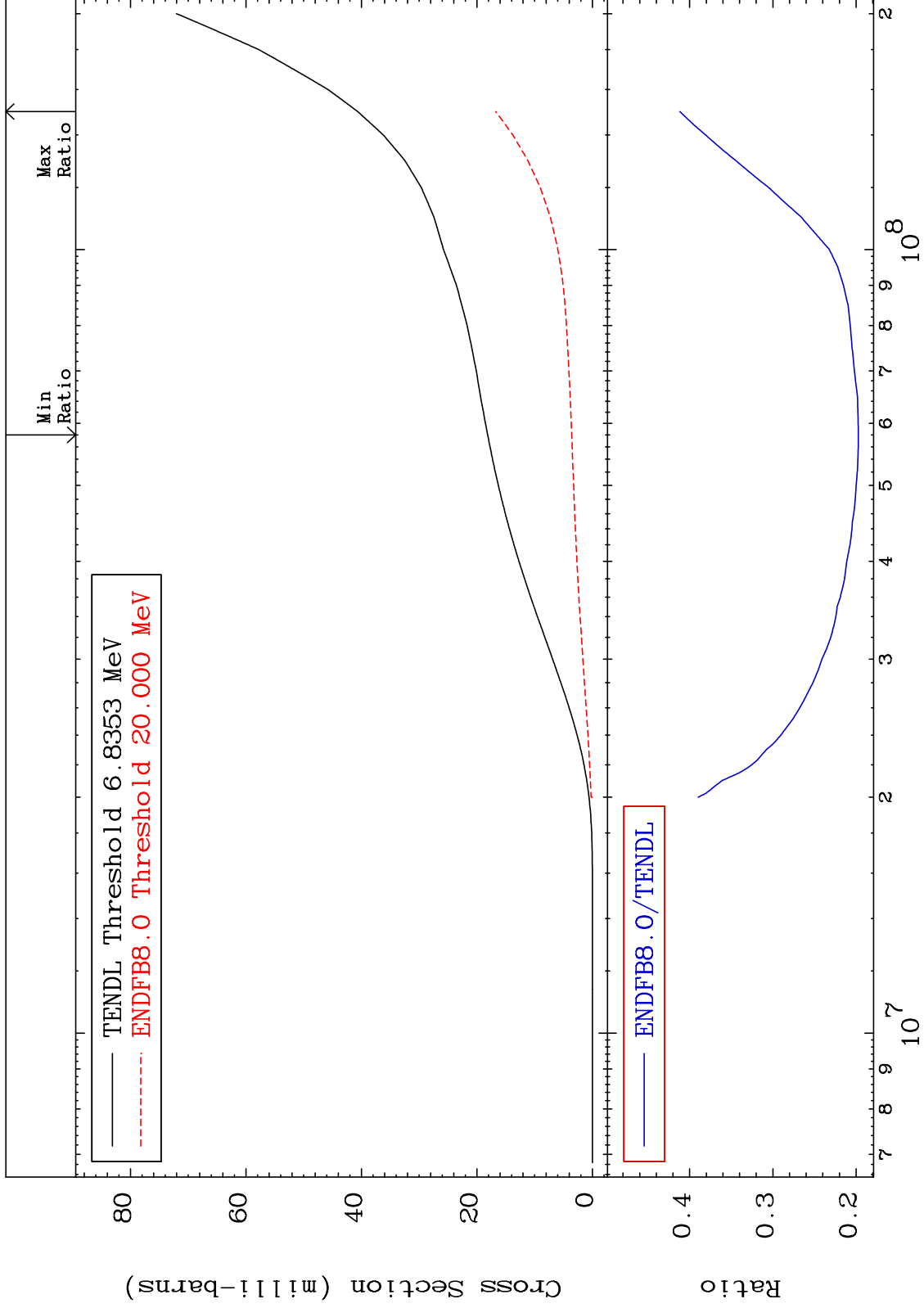
80-Hg-200  
-47.67 To 9999. %



MAT 8037

Tritium Production  
Cross Section

80-Hg-200  
-80.27 To -58.82%



46

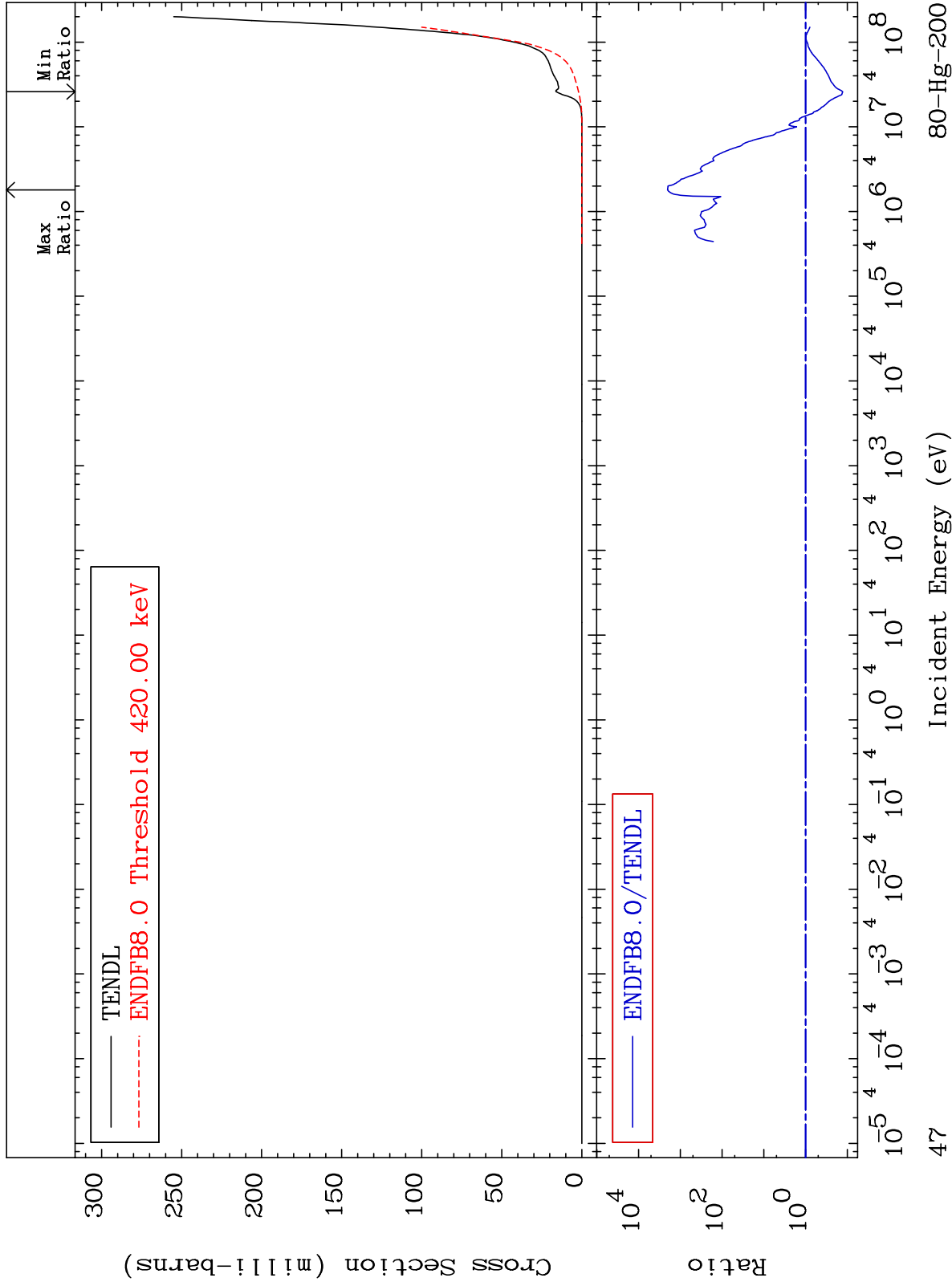
Incident Energy (eV)

80-Hg-200

MAT 8037

He-4 Production  
Cross Section

80-Hg-200  
-87.09 To 9999. %

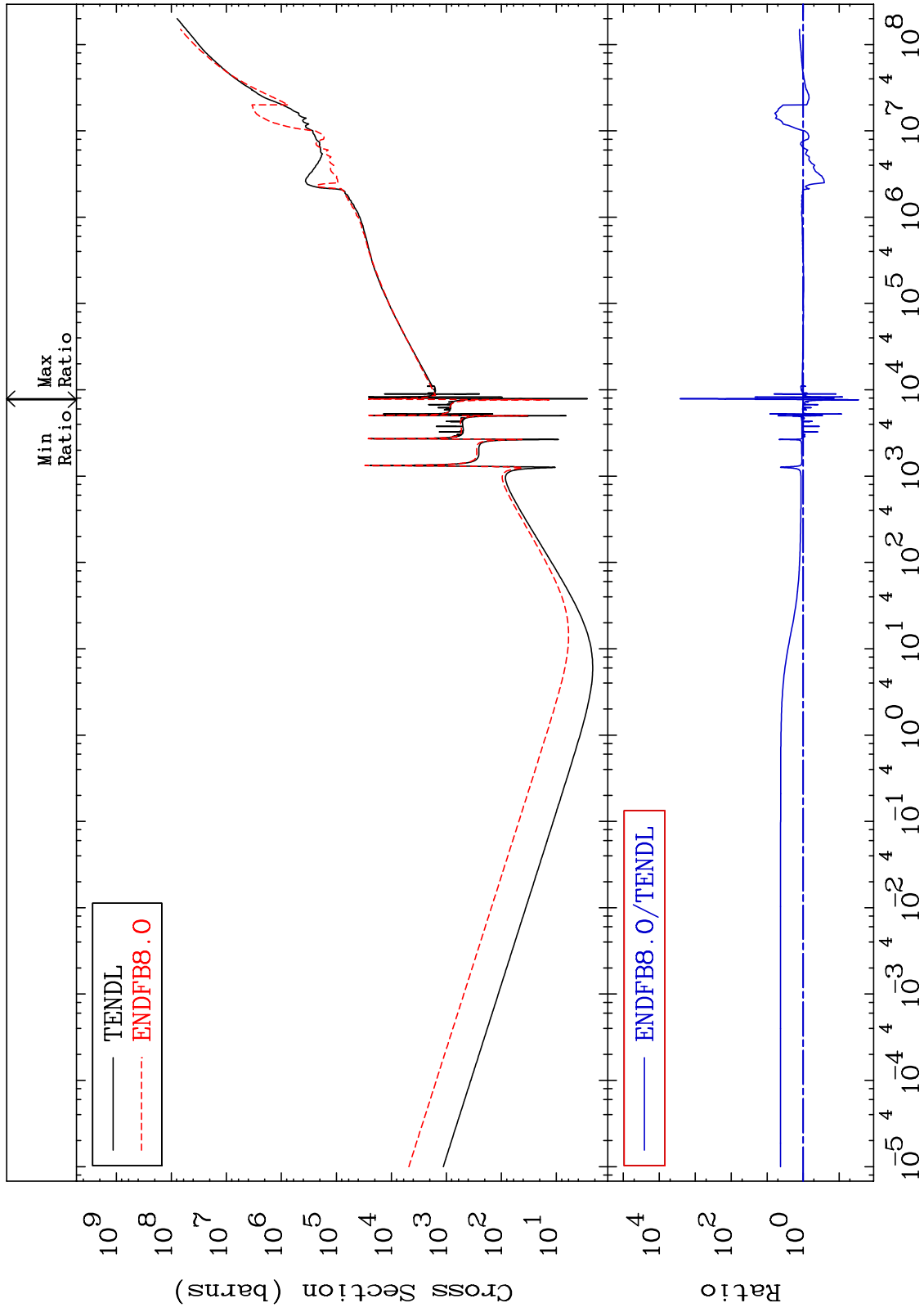




MAT 8037

Kerma total (eV-barns)  
Cross Section

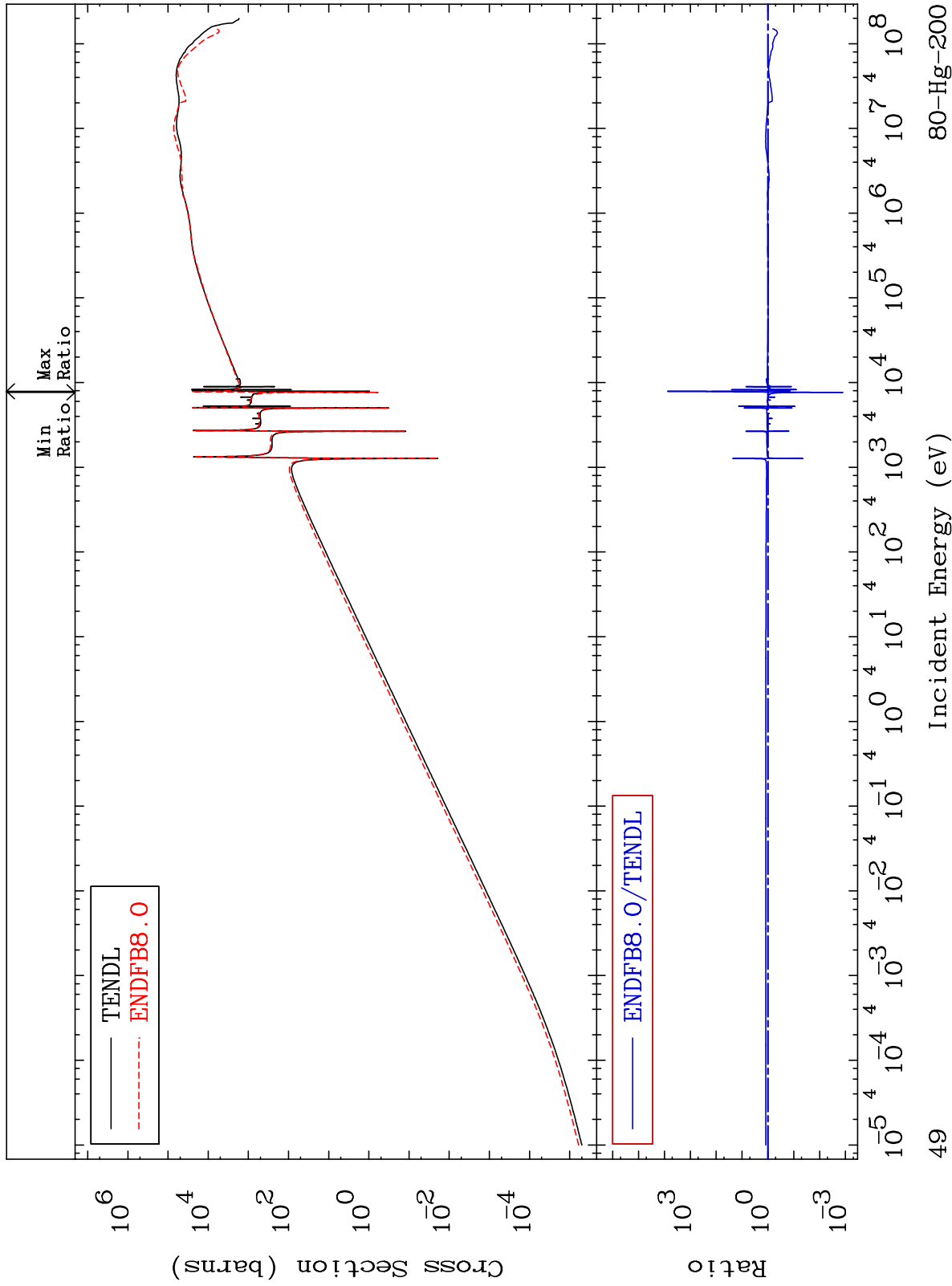
80-Hg-200  
-97.10 To 9999. %



MAT 8037

Kerma elastic  
Cross Section

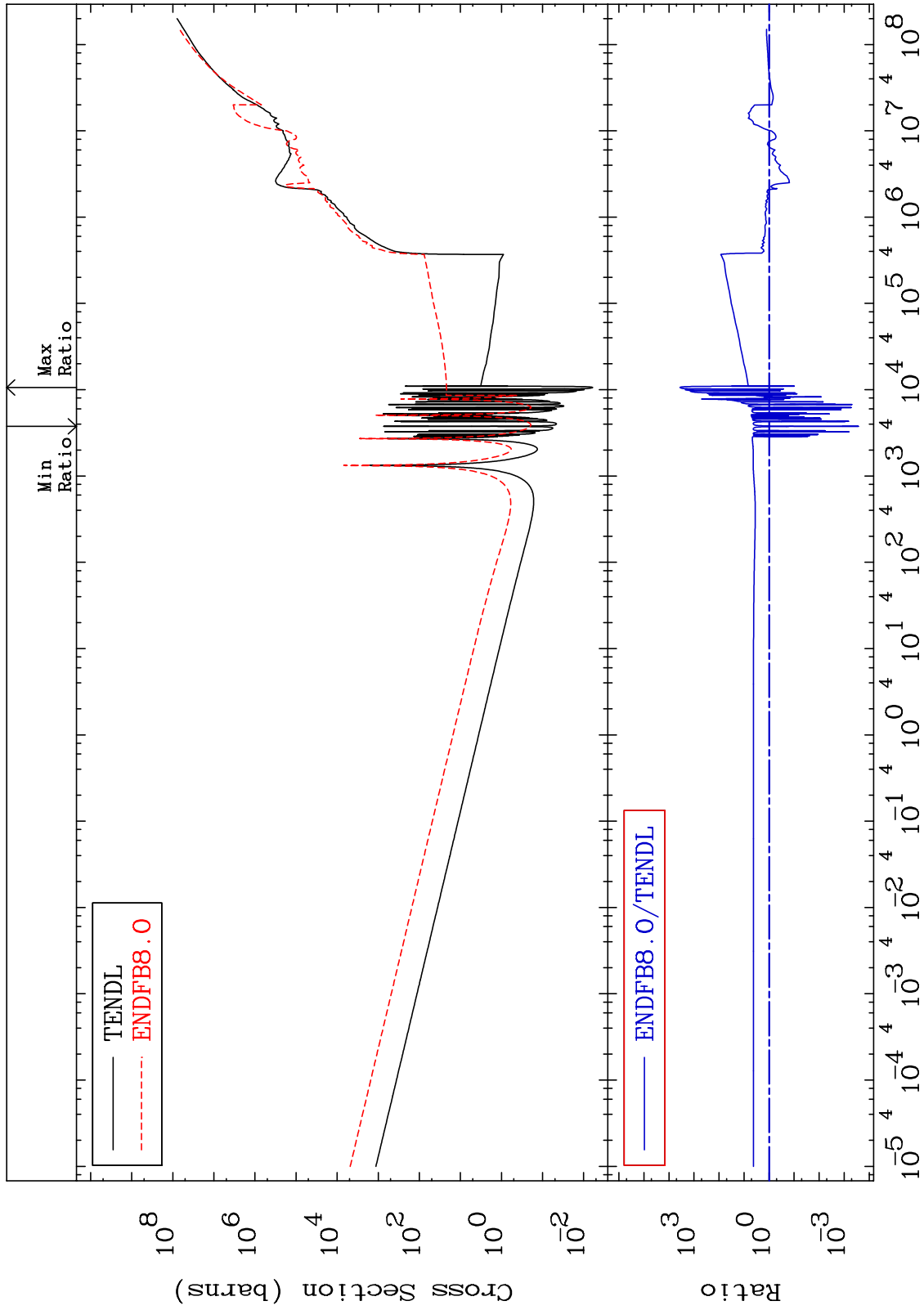
80-Hg-200  
-99.87 To 9999. %



MAT 8037

Kerma non-elastic (all but mt2)  
Cross Section

80-Hg-200  
-99.97 To 9999. %



50

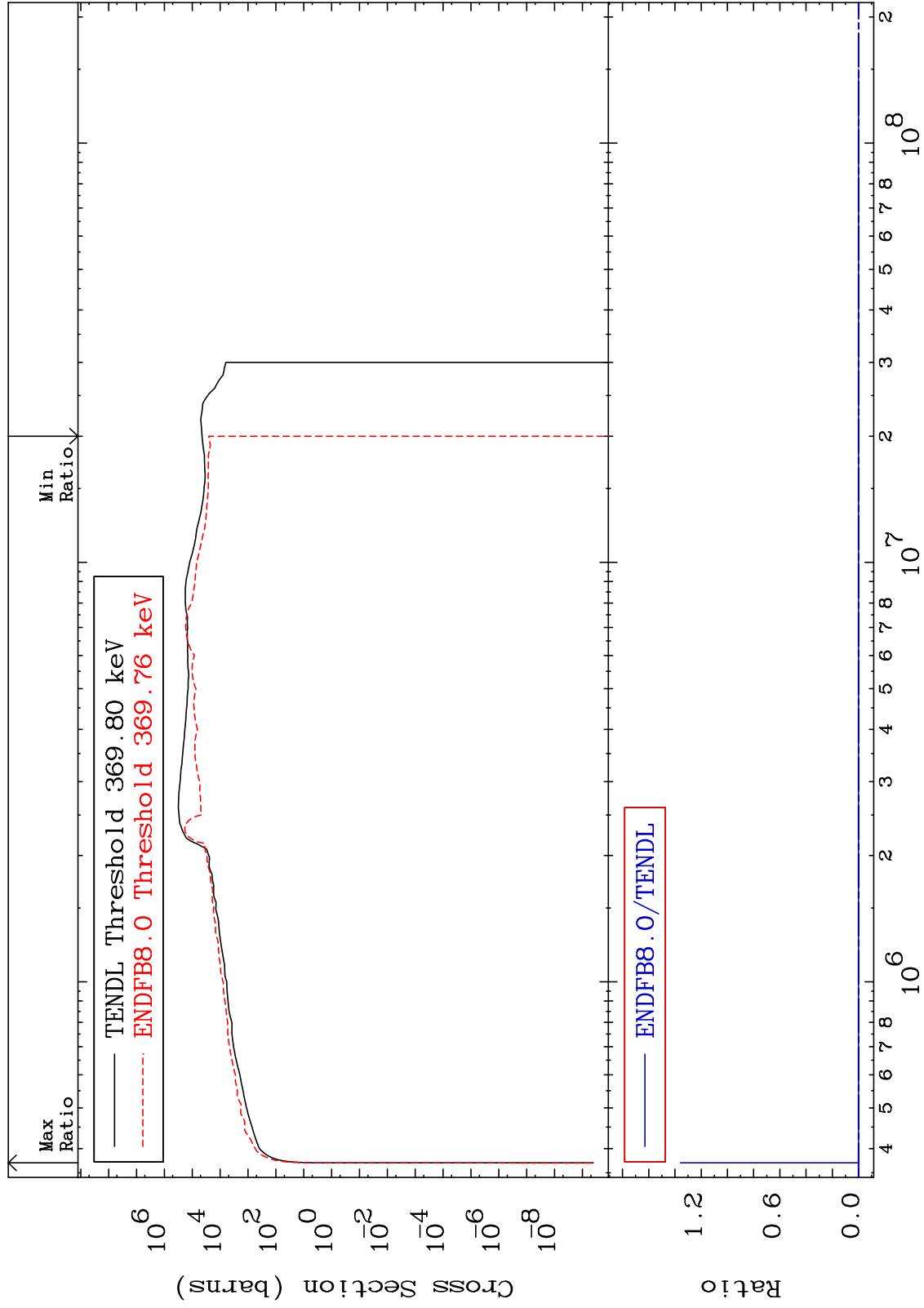
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma inelastic (mt51-91)  
Cross Section

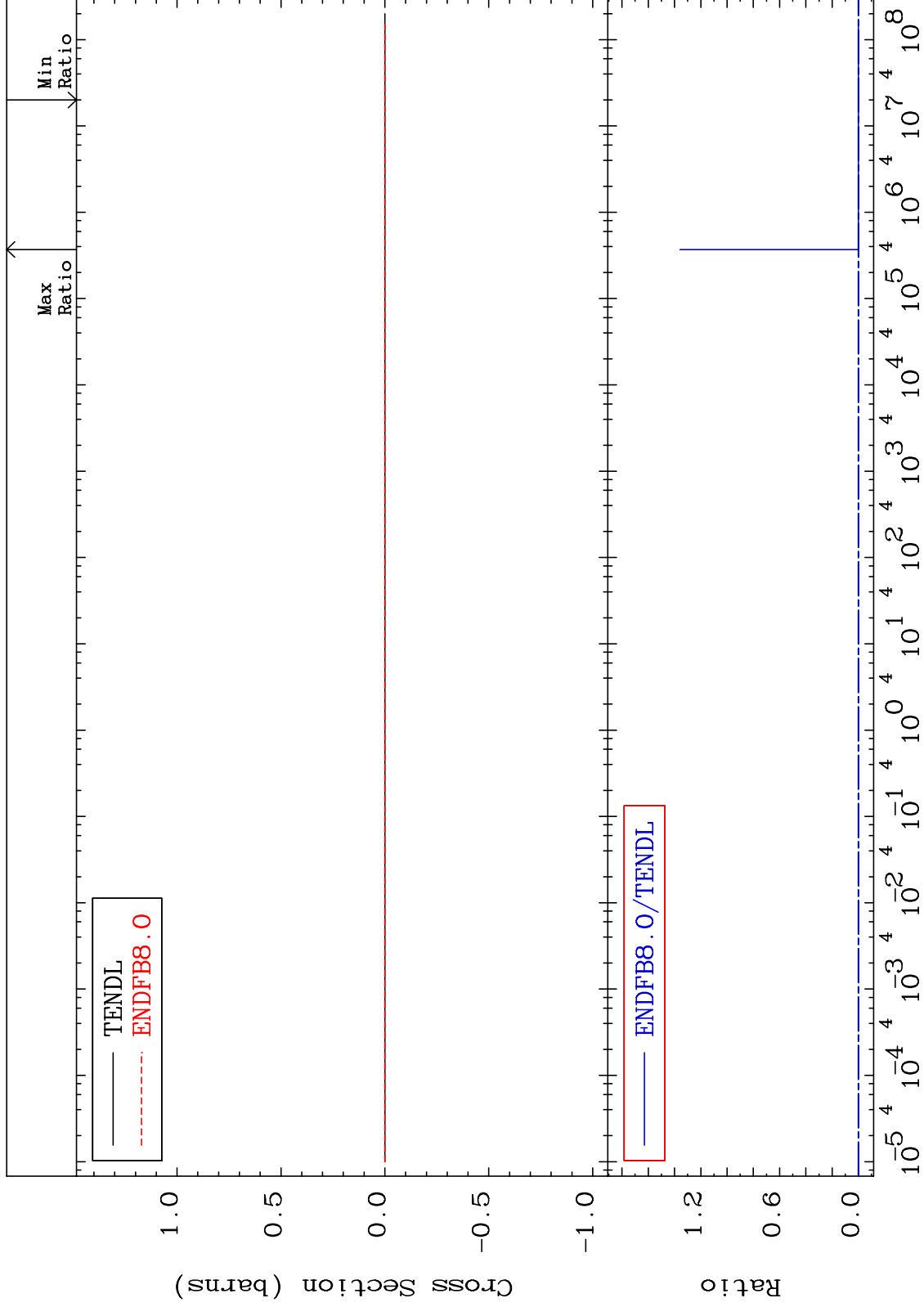
80-Hg-200  
-100.0 To 9999. %



MAT 8037

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

80-Hg-200  
-100.0 To 9999. %



52

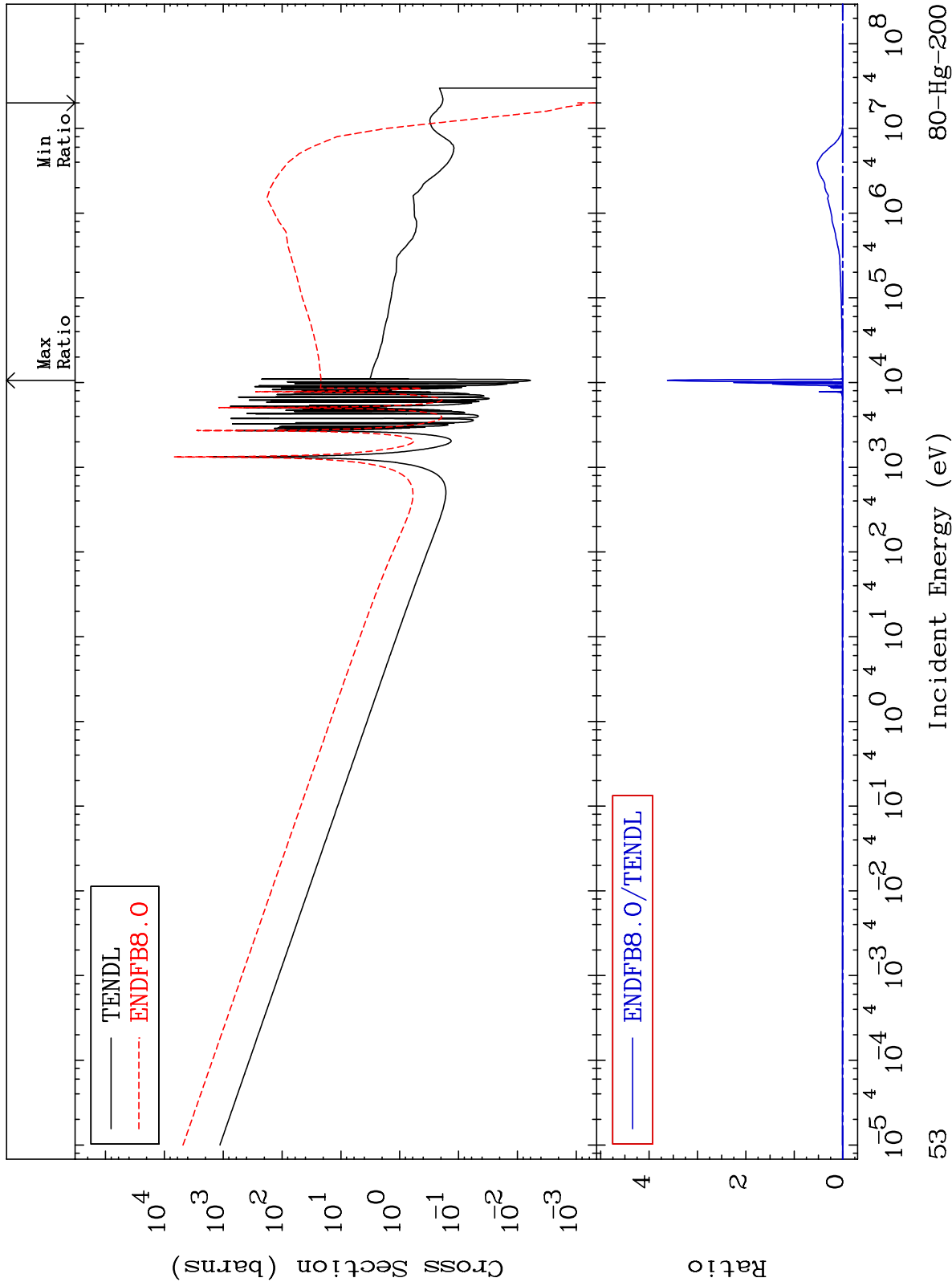
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma capture (mt102)  
Cross Section

80-Hg-200  
-100.0 To 9999. %



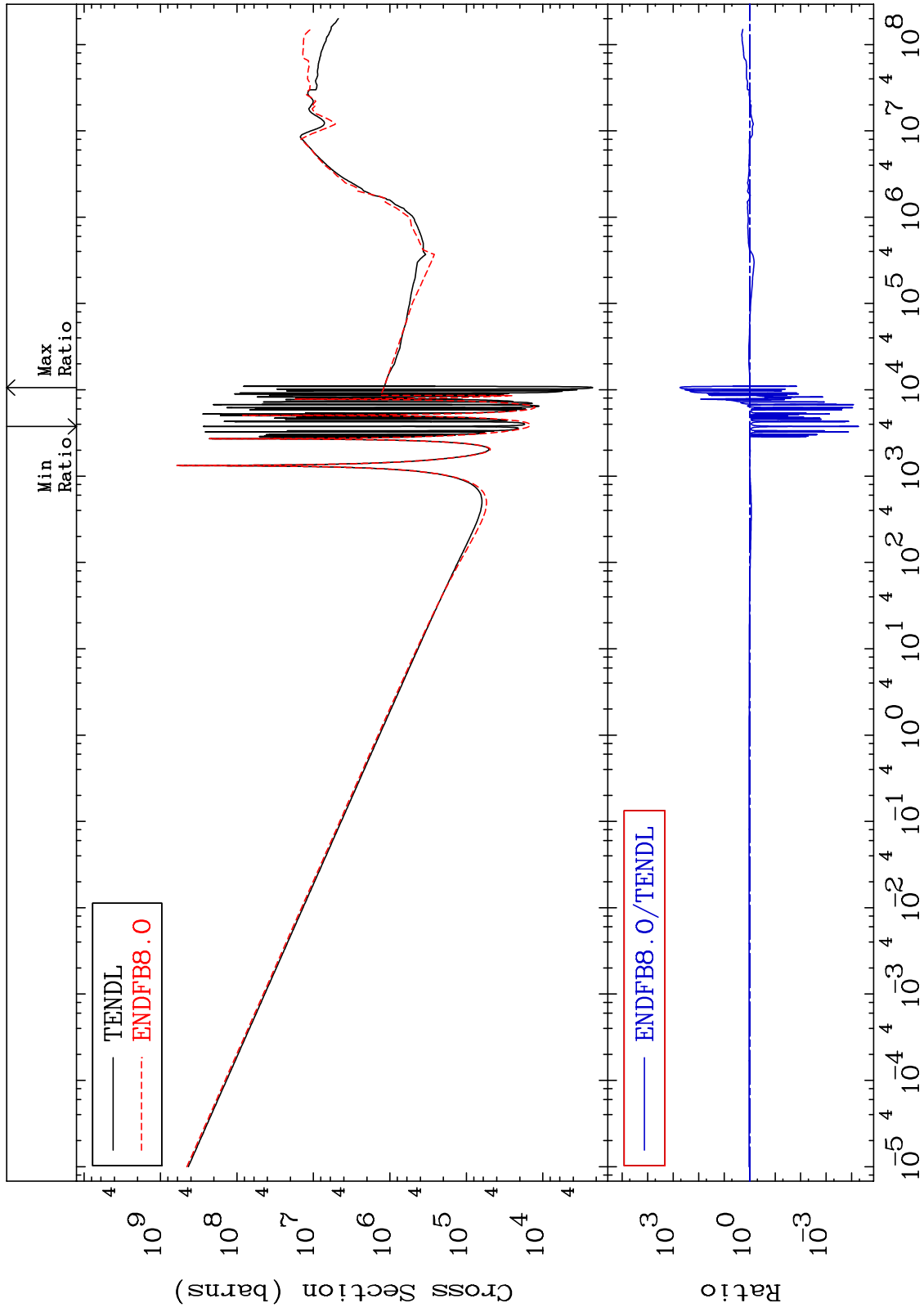
53

80-Hg-200

MAT 8037

Total photon (eV-barns)  
Cross Section

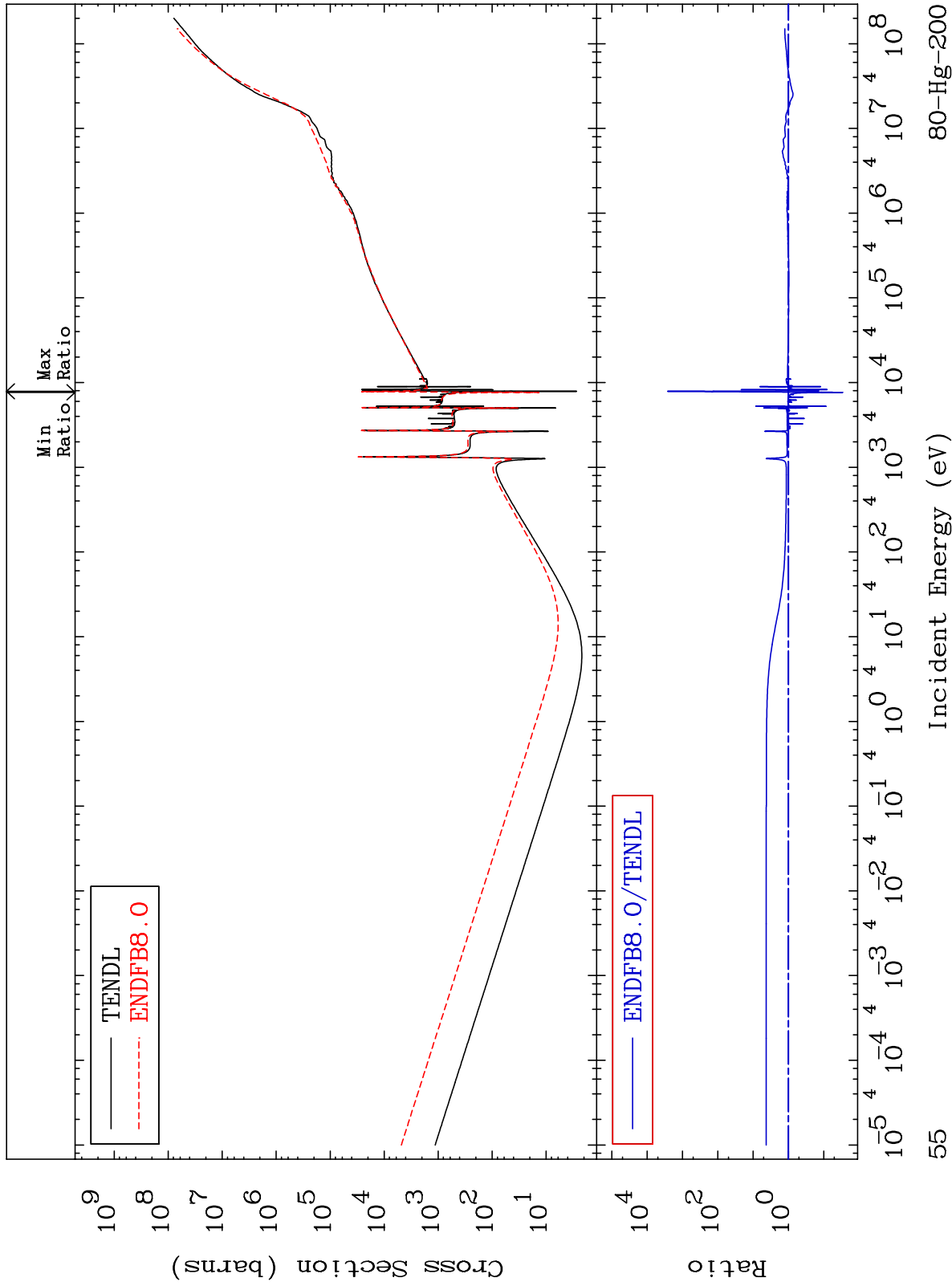
80-Hg-200  
-99.99 To 9999. %



MAT 8037

Total kinematic kerma (high limit)  
Cross Section

80-Hg-200  
-97.10 To 9999. %

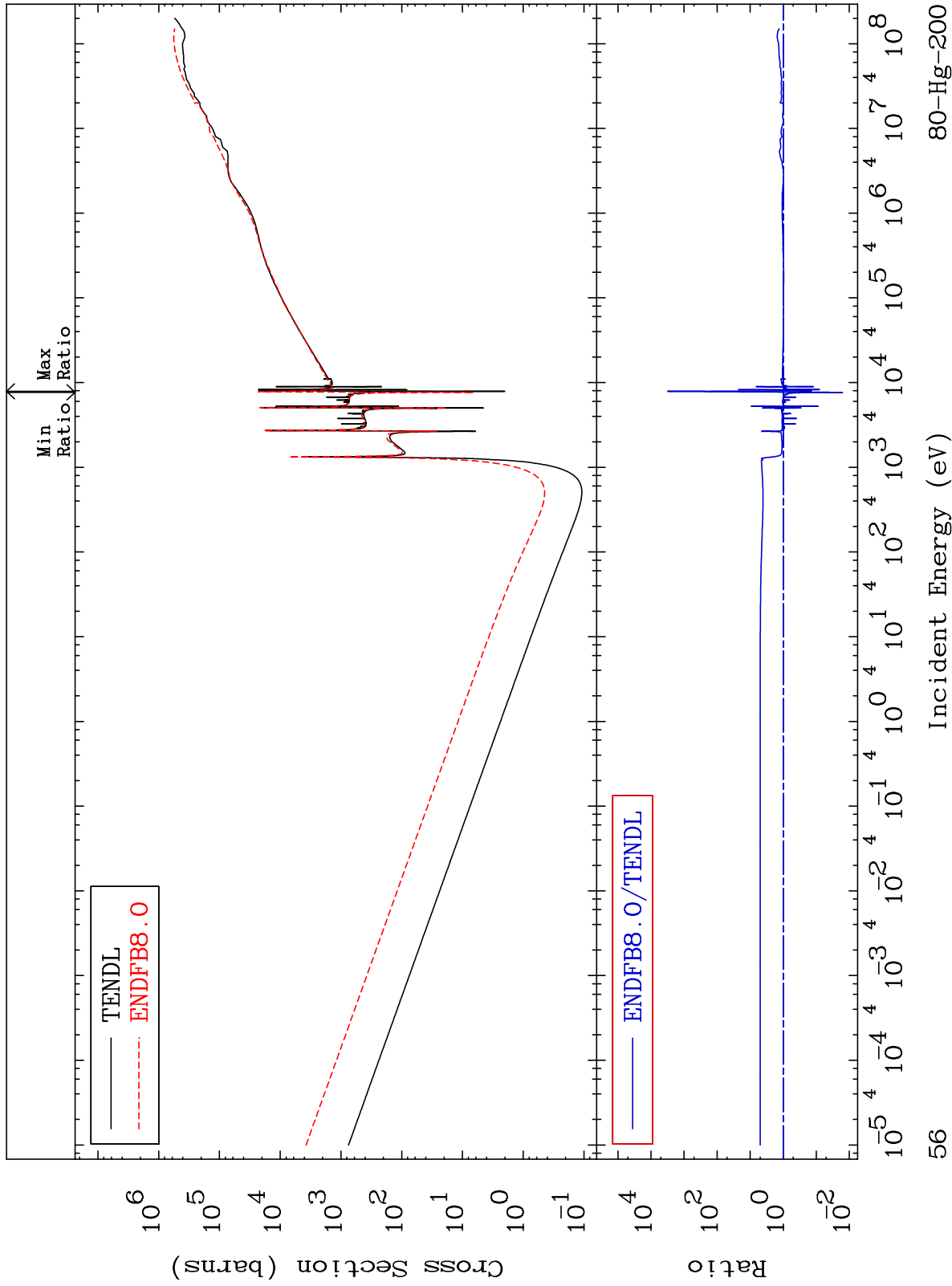




MAT 8037

Dpa total (eV-barns)  
Cross Section

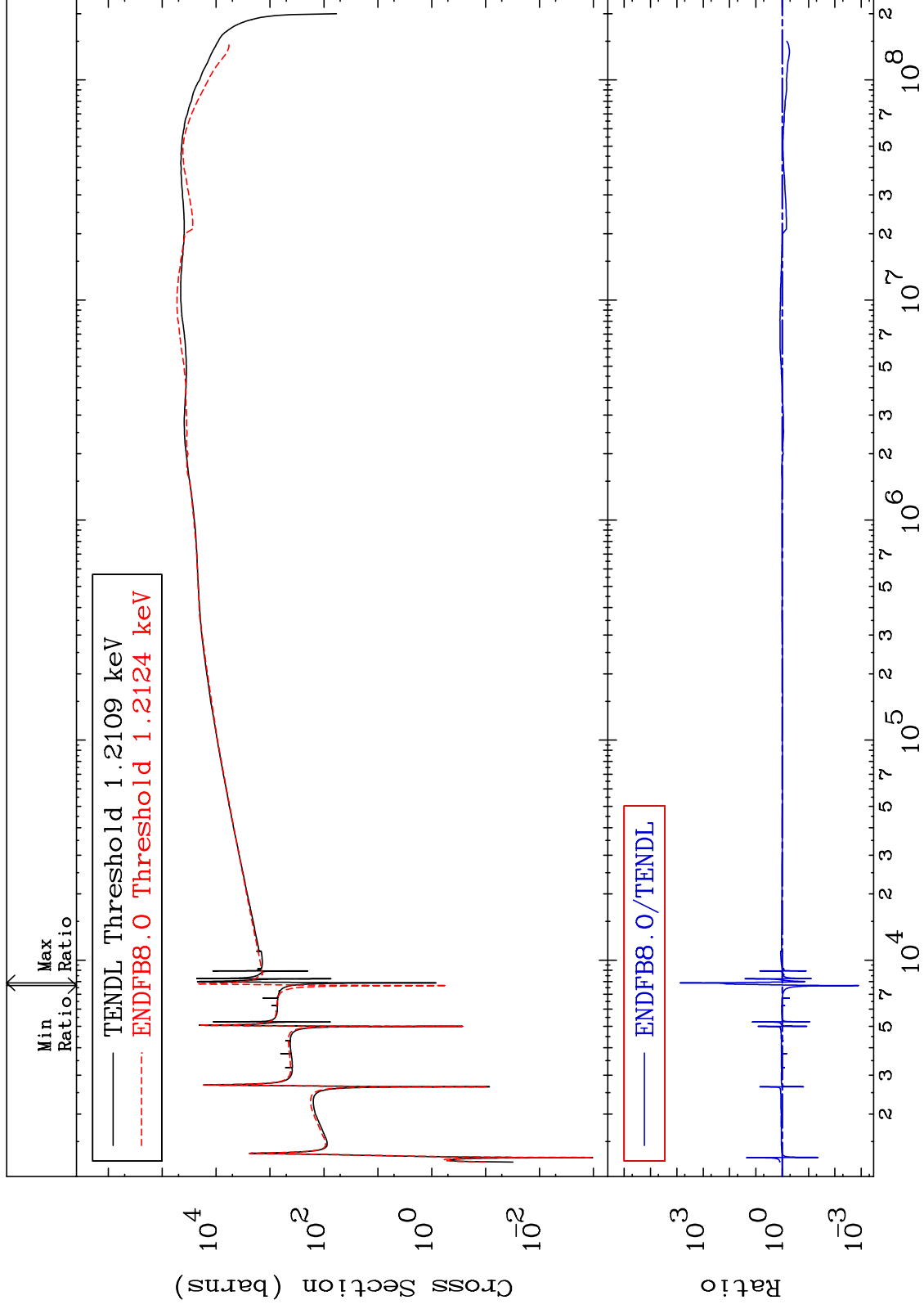
80-Hg-200  
-98.41 To 9999. %



MAT 8037

Dpa elastic (mt2)  
Cross Section

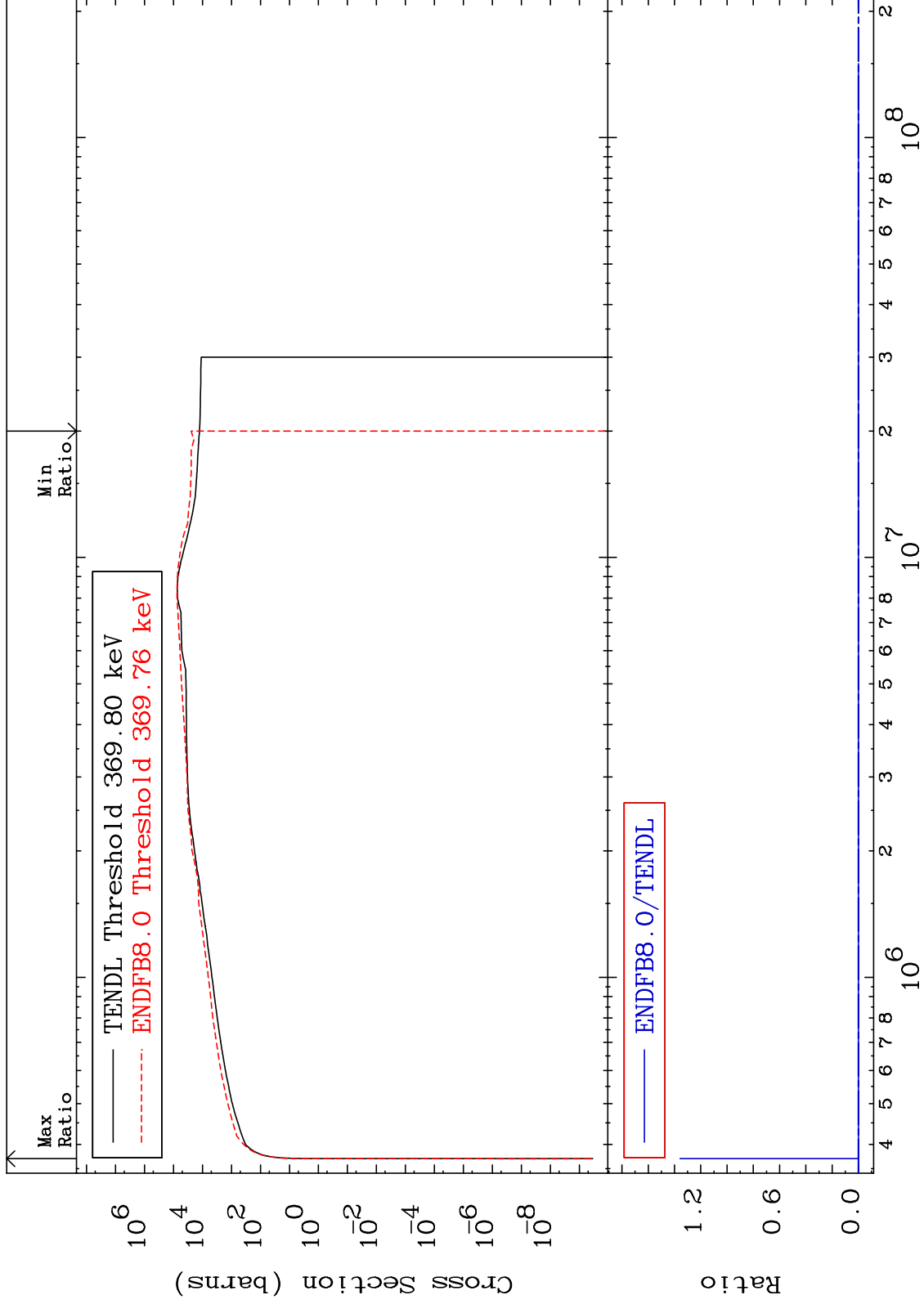
80-Hg-200  
-99.87 To 9999. %



MAT 8037

Dpa inelastic (mt51-91)  
Cross Section

80-Hg-200  
-100.0 To 9999. %



MAT 8037

Dpa disappearance (mt102 -120)  
Cross Section

80-Hg-200  
-100.0 To 9999. %

