

Program Complot  
(Version 2021-1)

by

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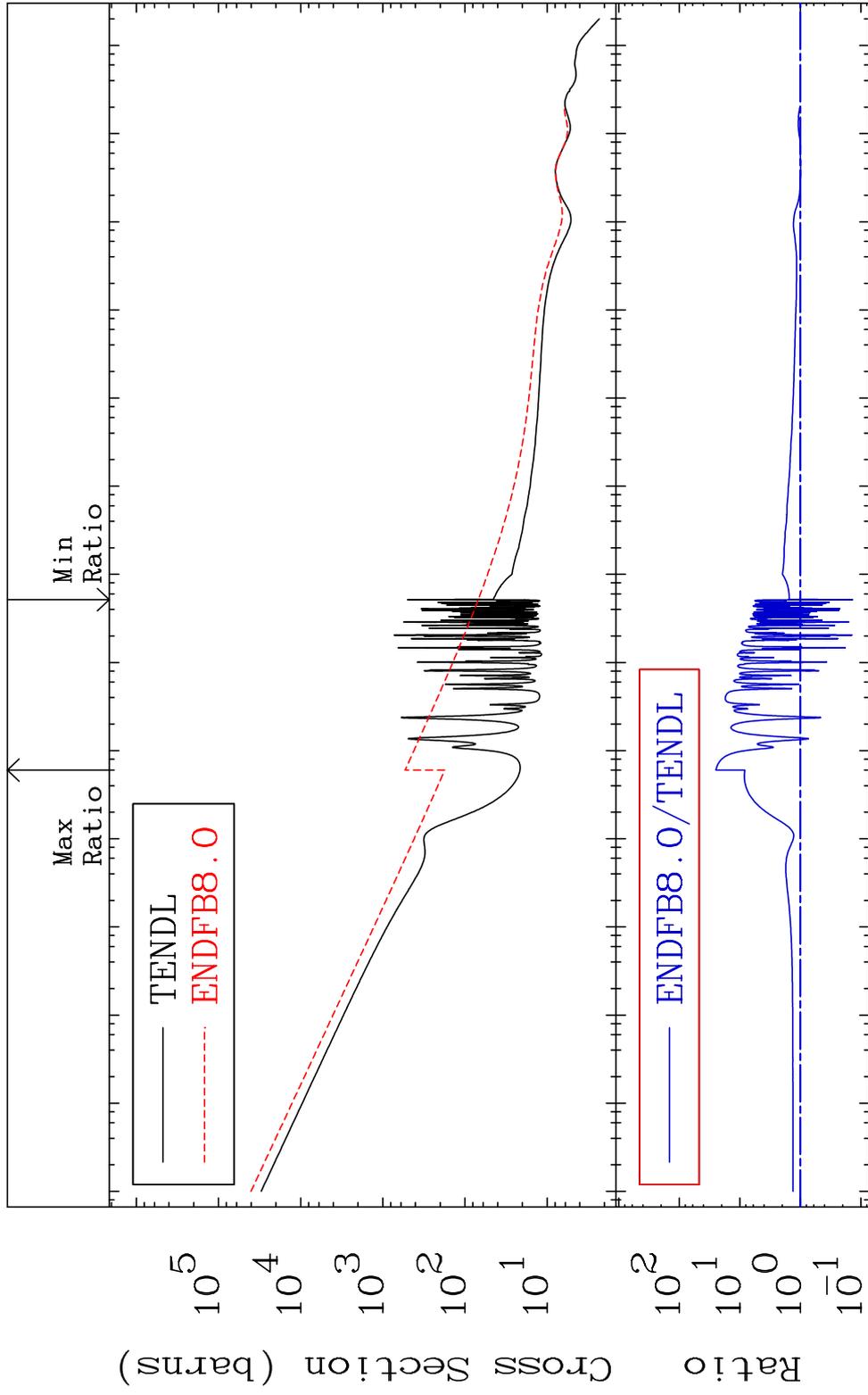
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8931

Total Cross Section -86.21 To 2394. %

89-Ac-227



1

Incident Energy (eV)

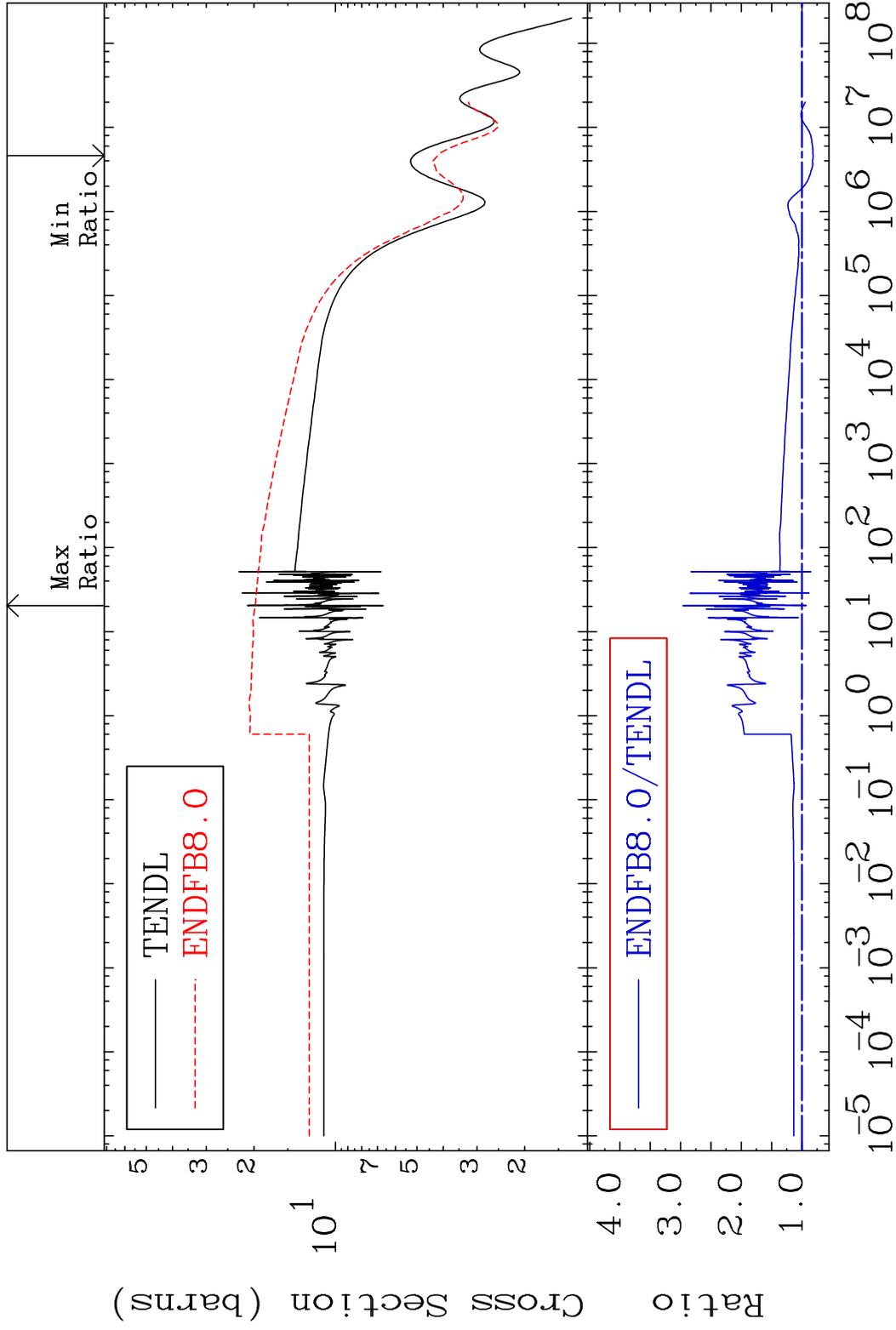
89-Ac-227

MAT 8931

Elastic

89-Ac-227

Cross Section -18.52 To 196.3 %



2

Incident Energy (eV)

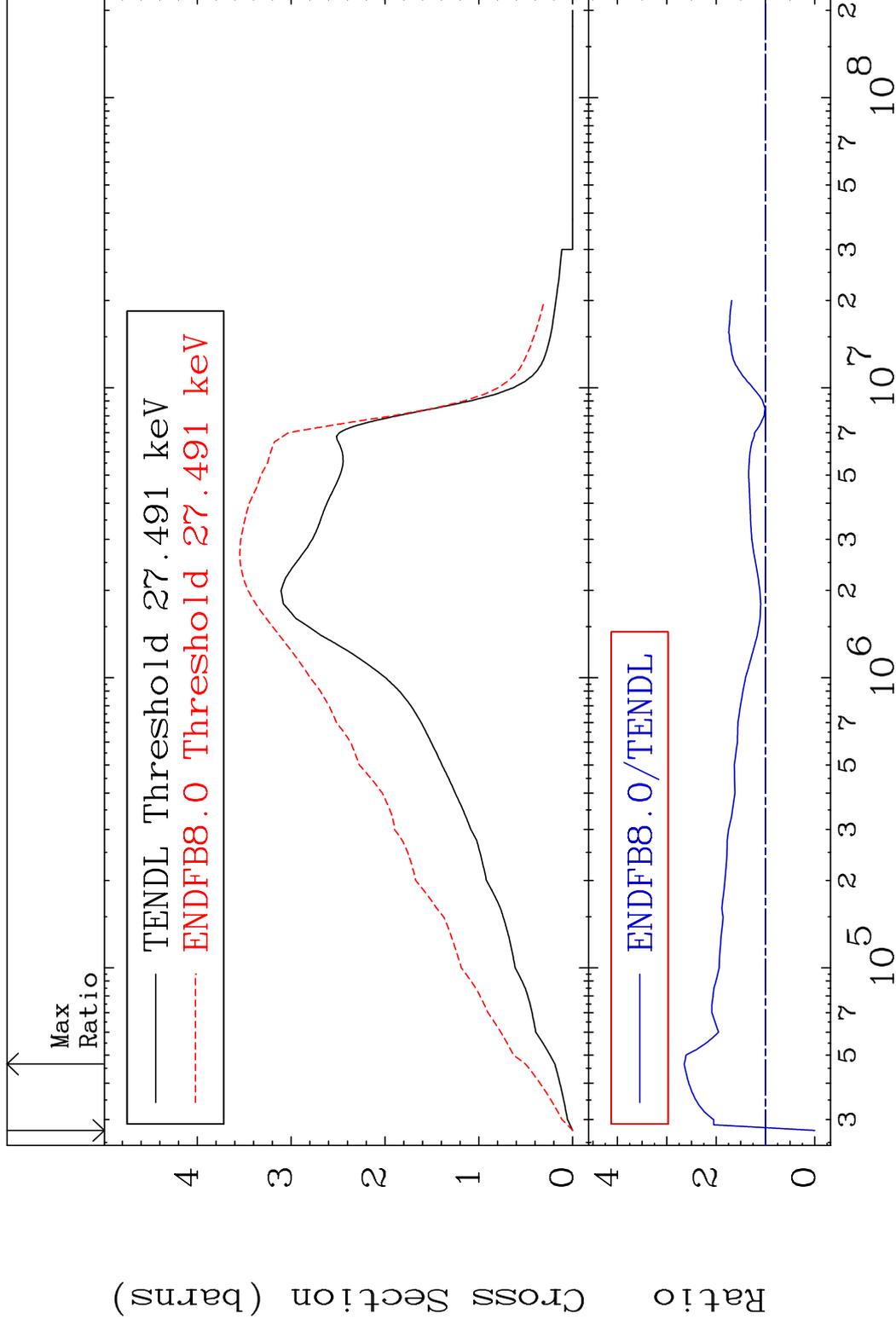
89-Ac-227

MAT 8931

Inelastic

89-Ac-227

Cross Section -100.0 To 164.8 %



3

Incident Energy (eV)

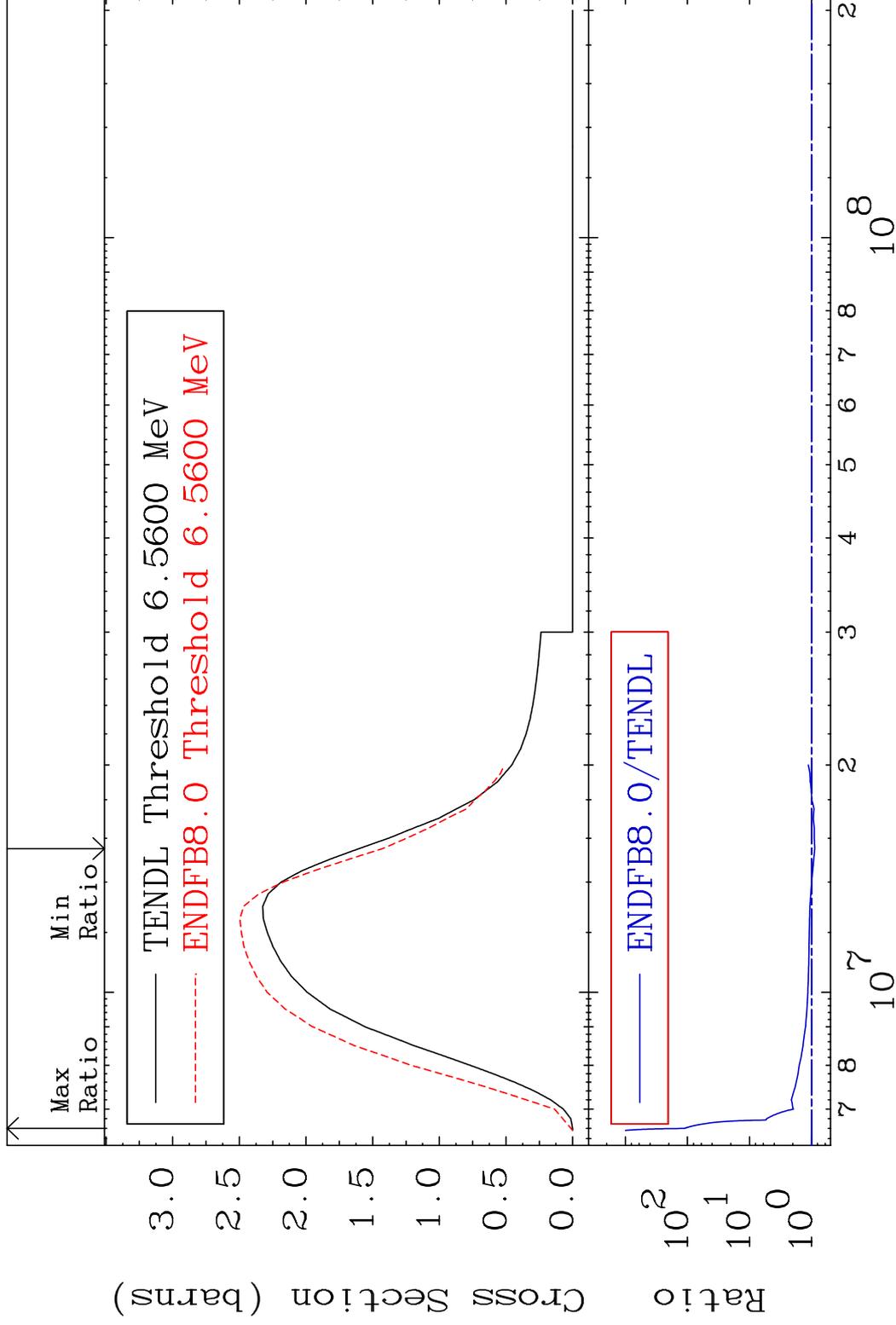
89-Ac-227

MAT 8931

(n,2n)

89-Ac-227

Cross Section -11.00 To 9999. %



4

Incident Energy (eV)

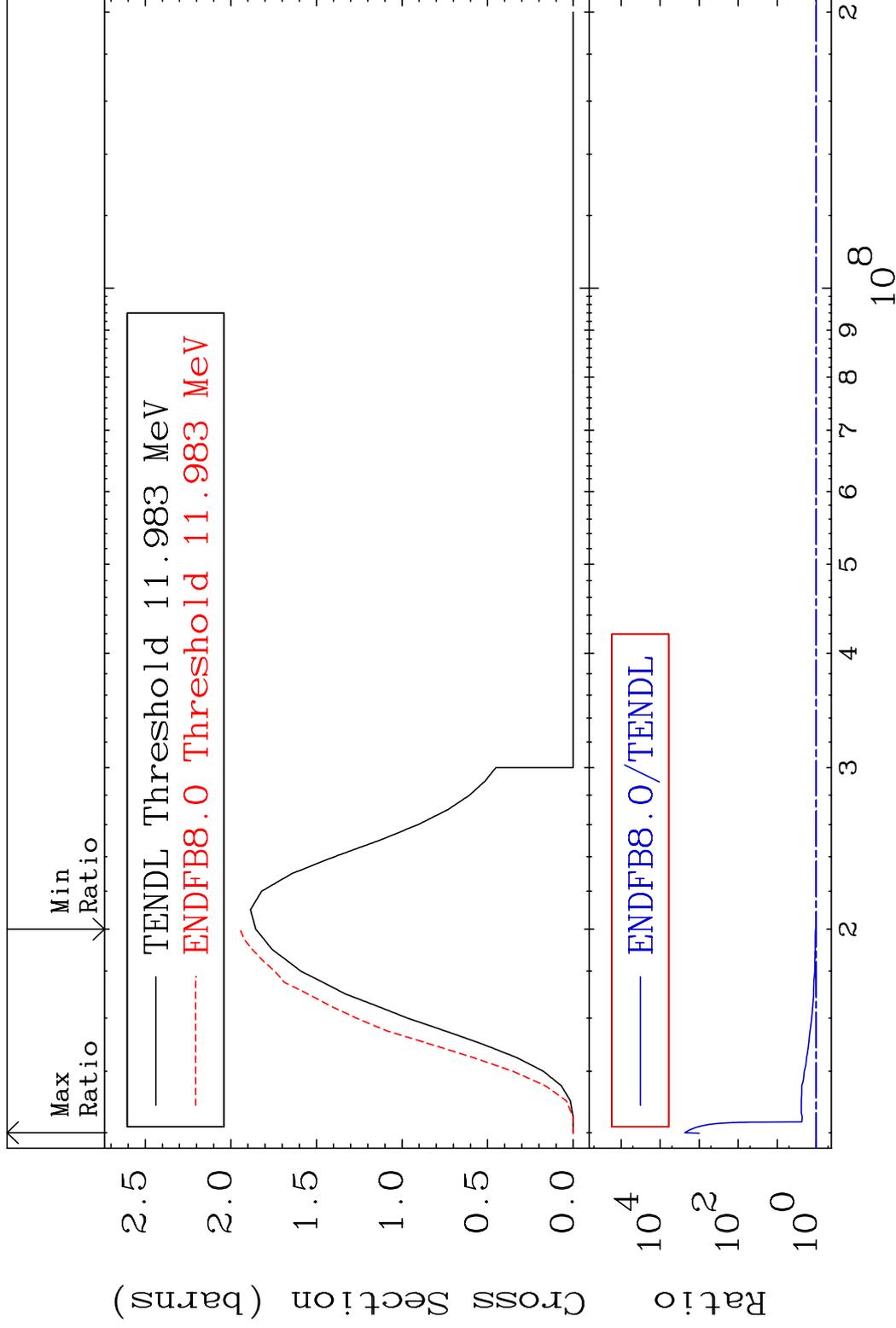
89-Ac-227

MAT 8931

(n,3n)

89-Ac-227

Cross Section 4.937 To 9999. %



5

Incident Energy (eV)

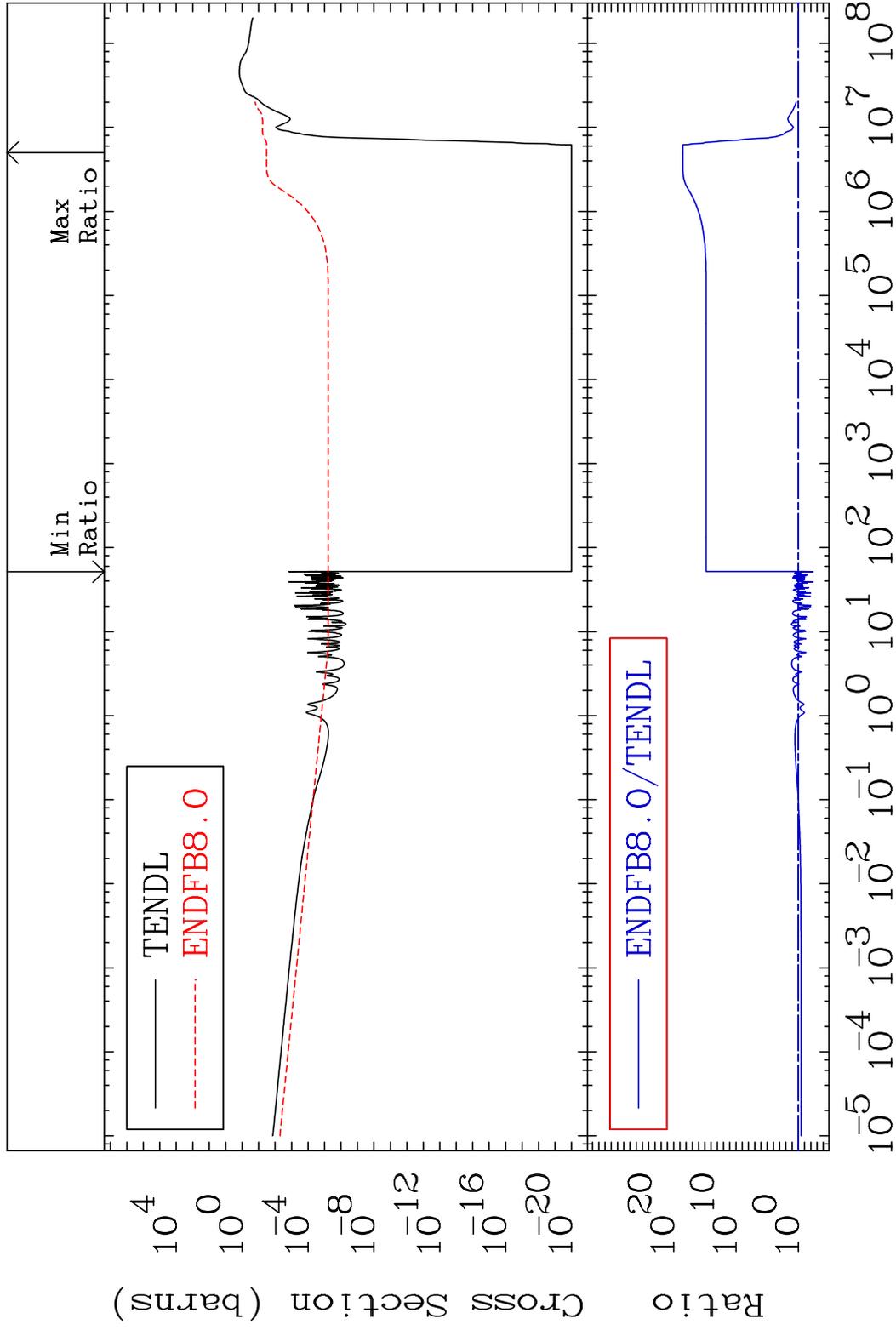
89-Ac-227

MAT 8931

Fission

89-Ac-227

Cross Section -99.57 To 9999. %

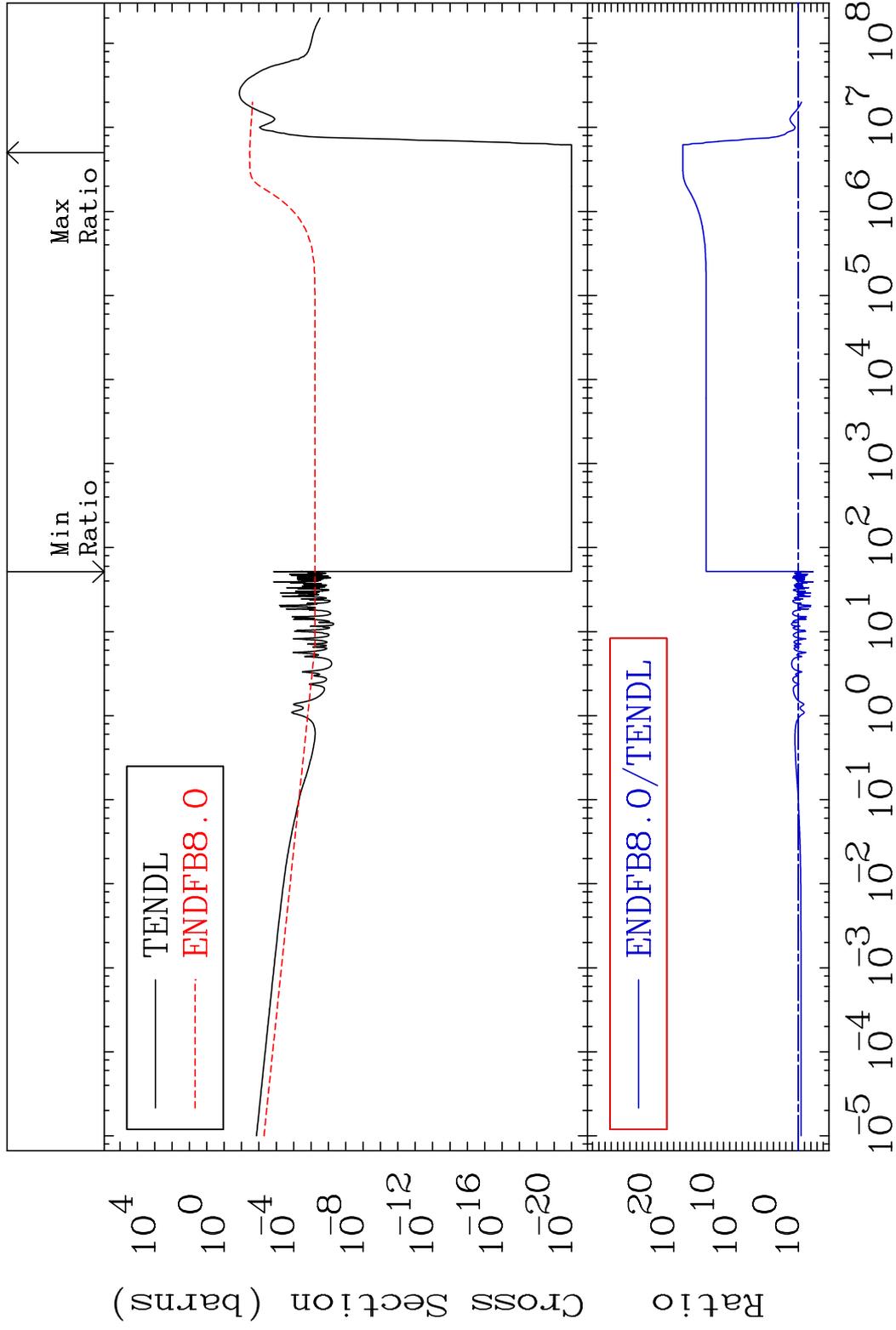


MAT 8931

(n,f) First Chance

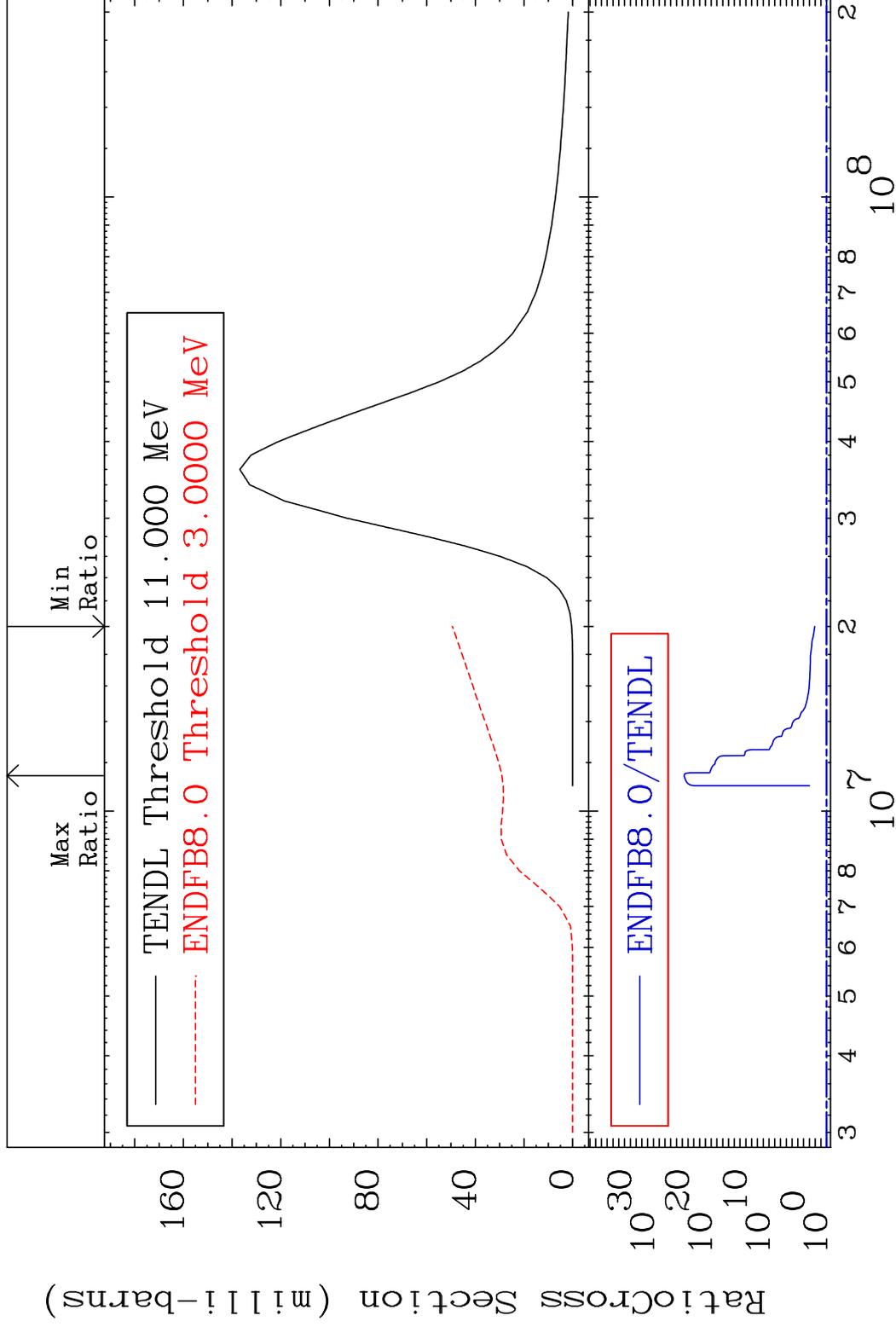
89-Ac-227

Cross Section -99.57 To 9999. %



MAT 8931

(n, nf) Second Chance 89-Ac-227  
Cross Section 9999. To 9999. %

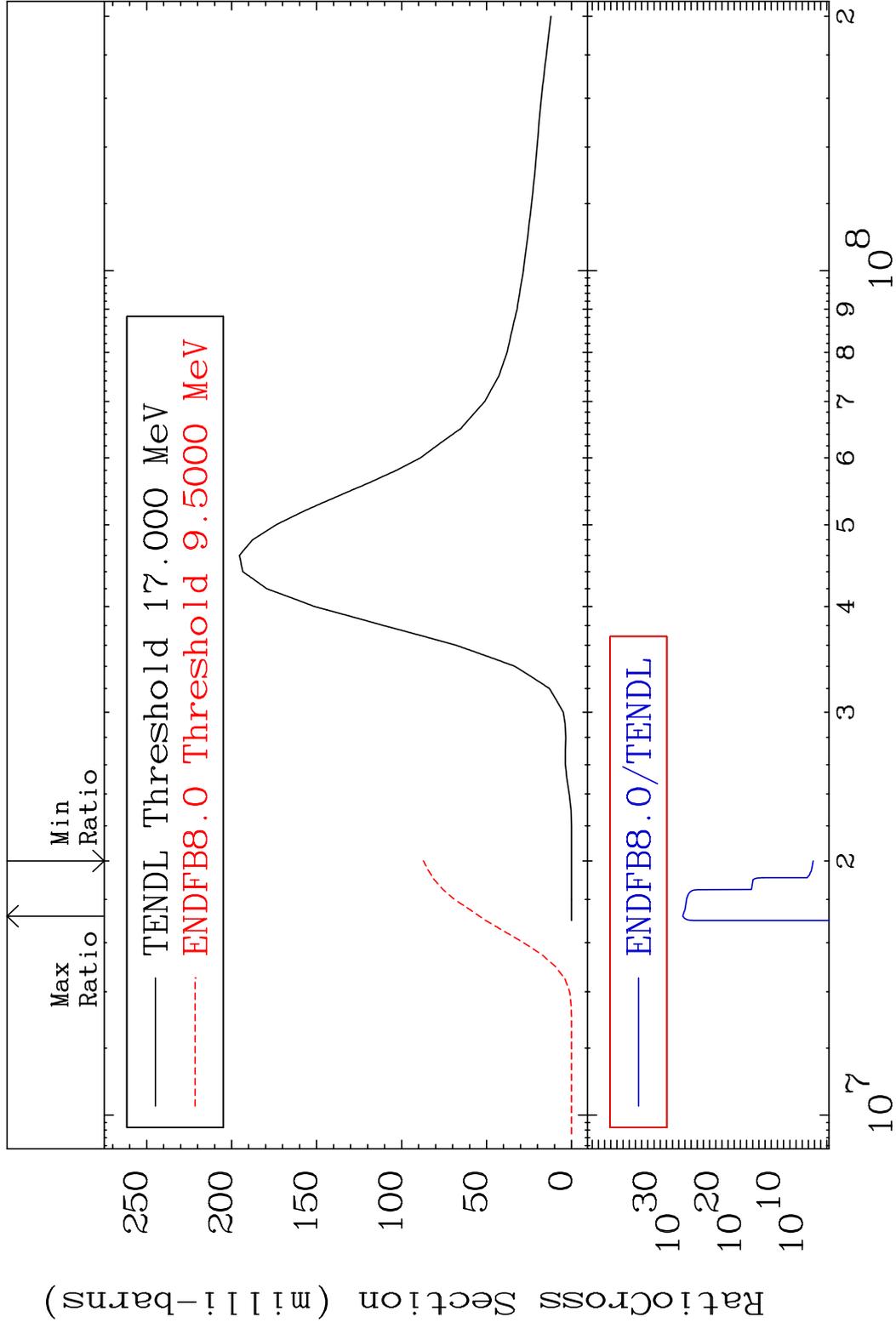


8

Incident Energy (eV)

89-Ac-227

MAT 8931 (n,2nf) Third Chance 89-Ac-227  
 Cross Section 9999. To 9999. %

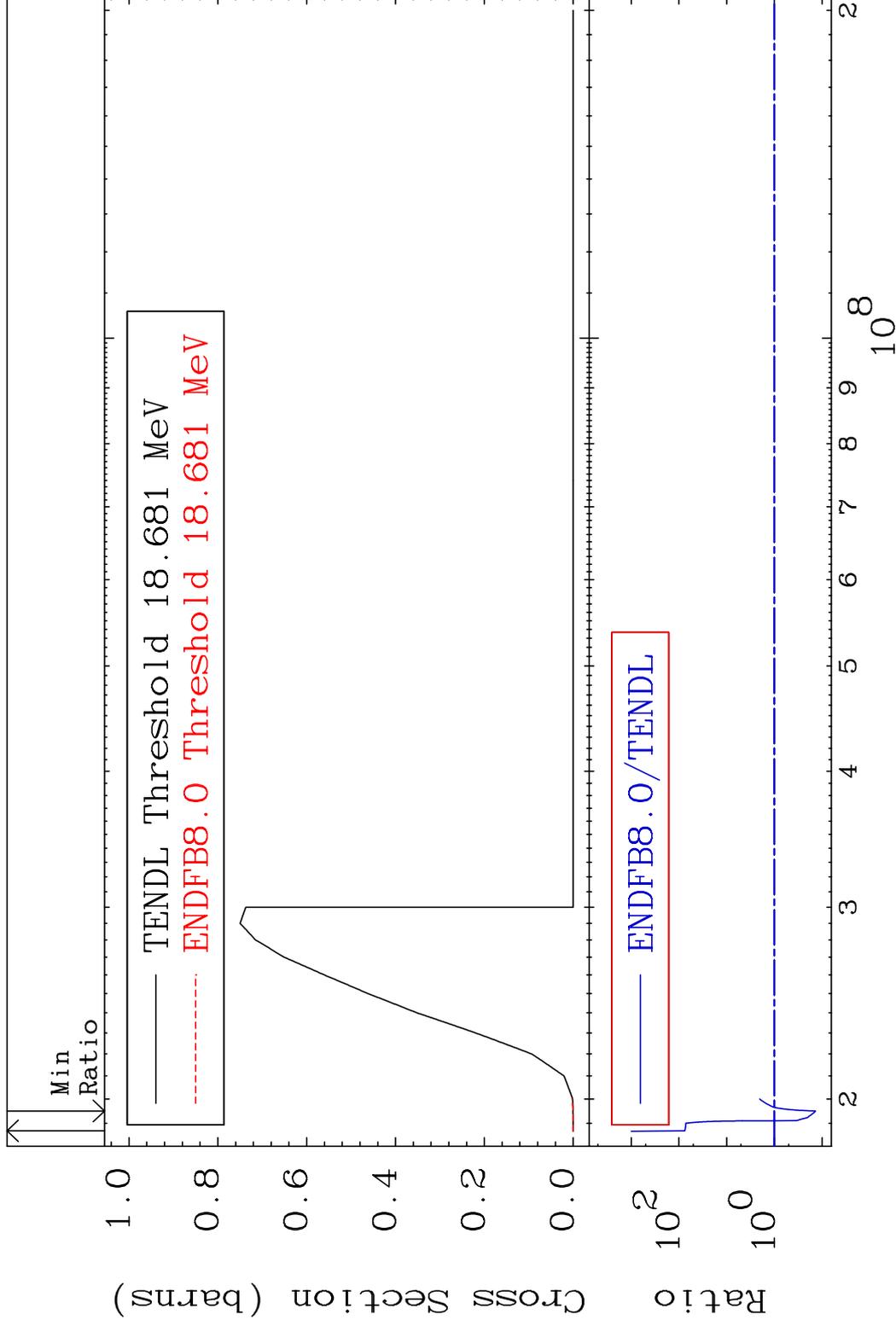


MAT 8931

(n,4n)

89-Ac-227

Cross Section -86.26 To 7444. %

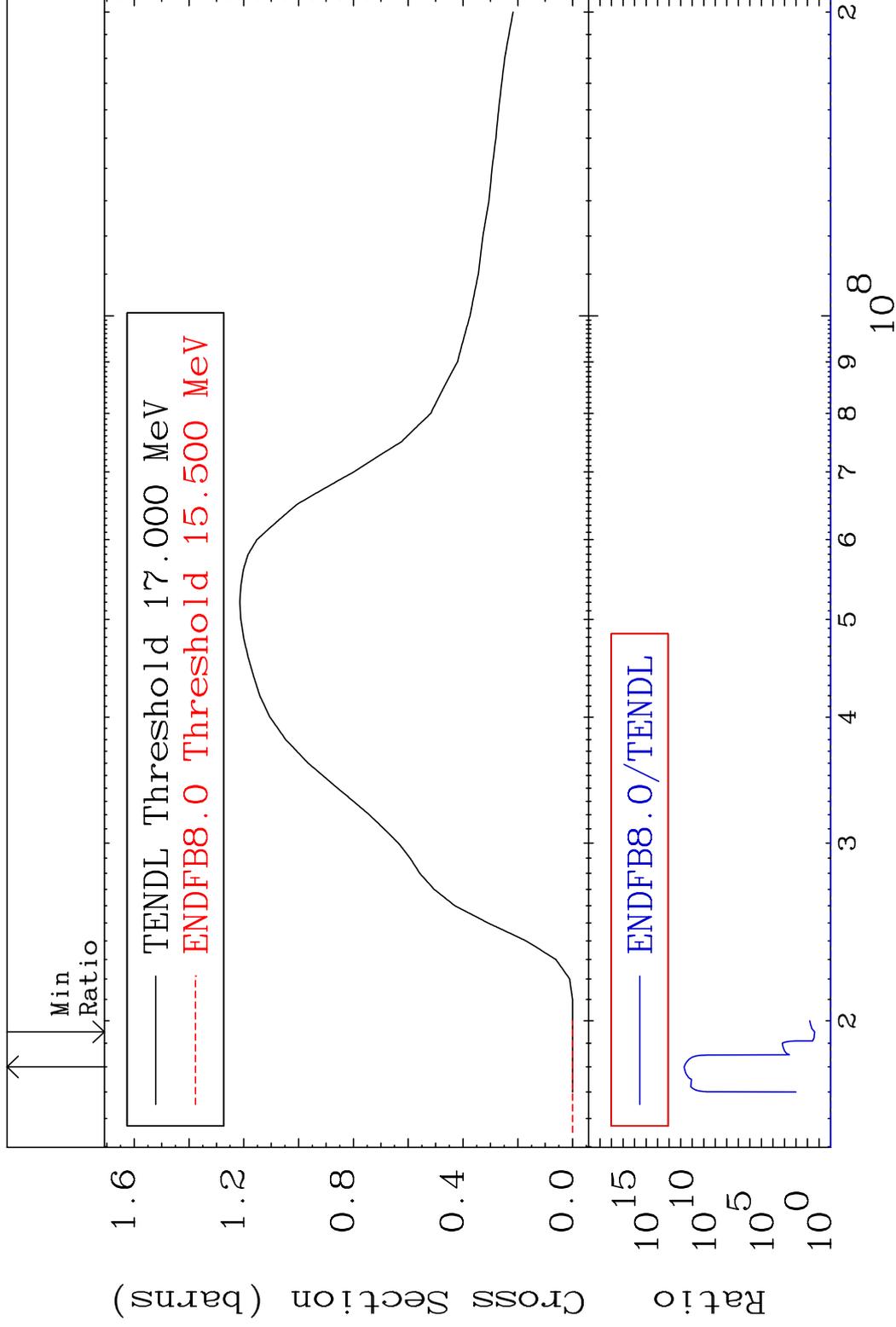


MAT 8931

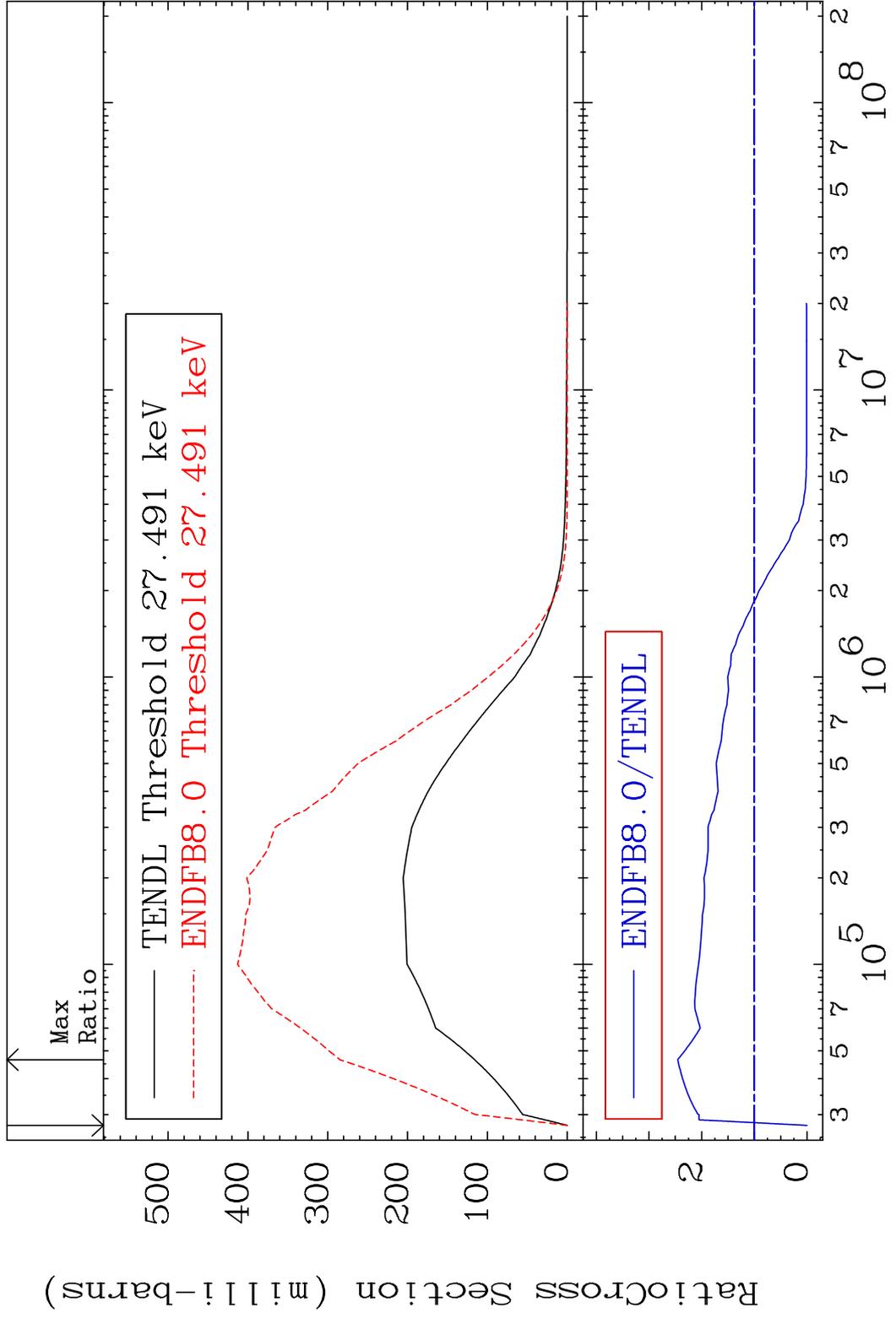
(n,3nf) Fourth Chance

89-Ac-227

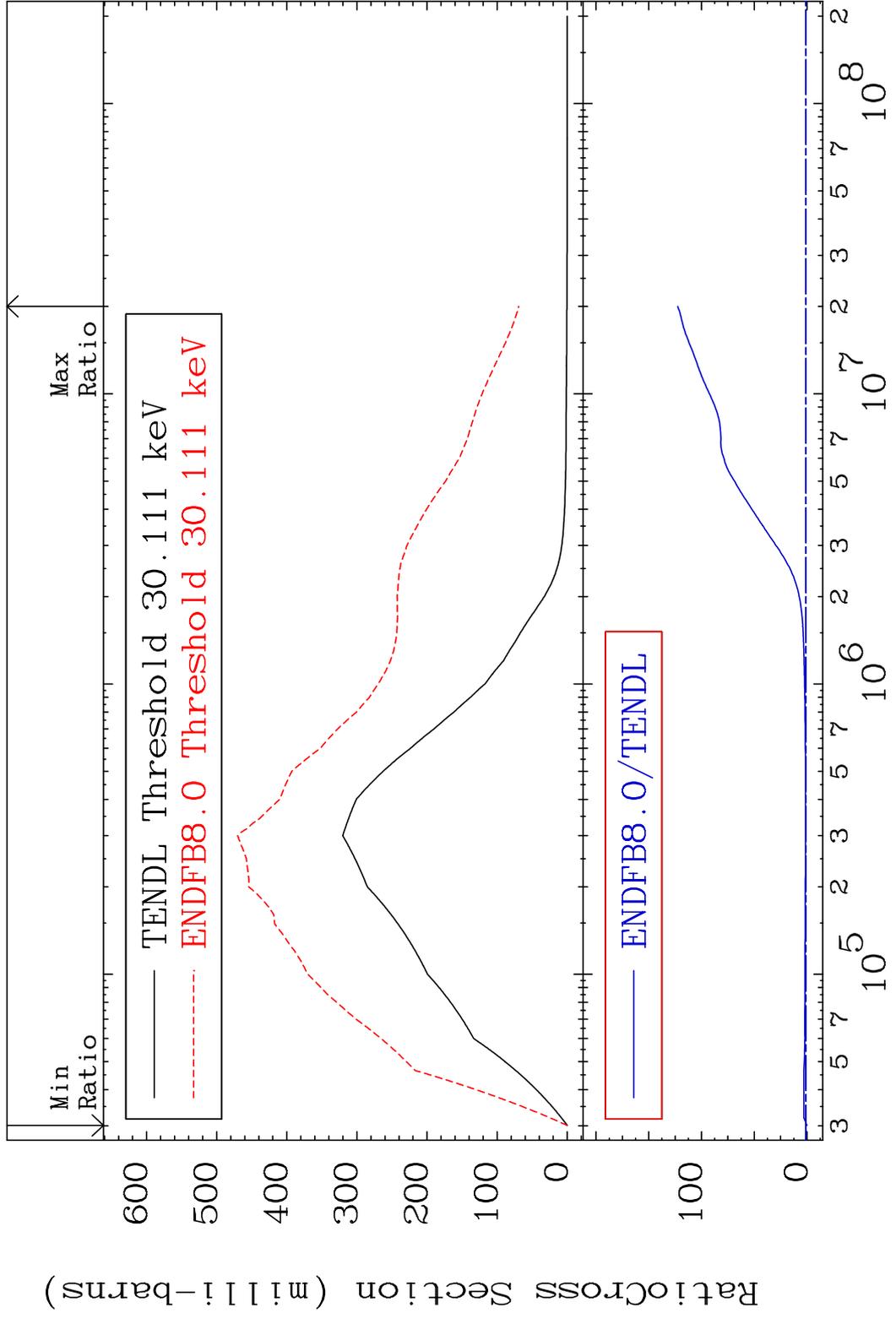
Cross Section 2278. To 9999. %



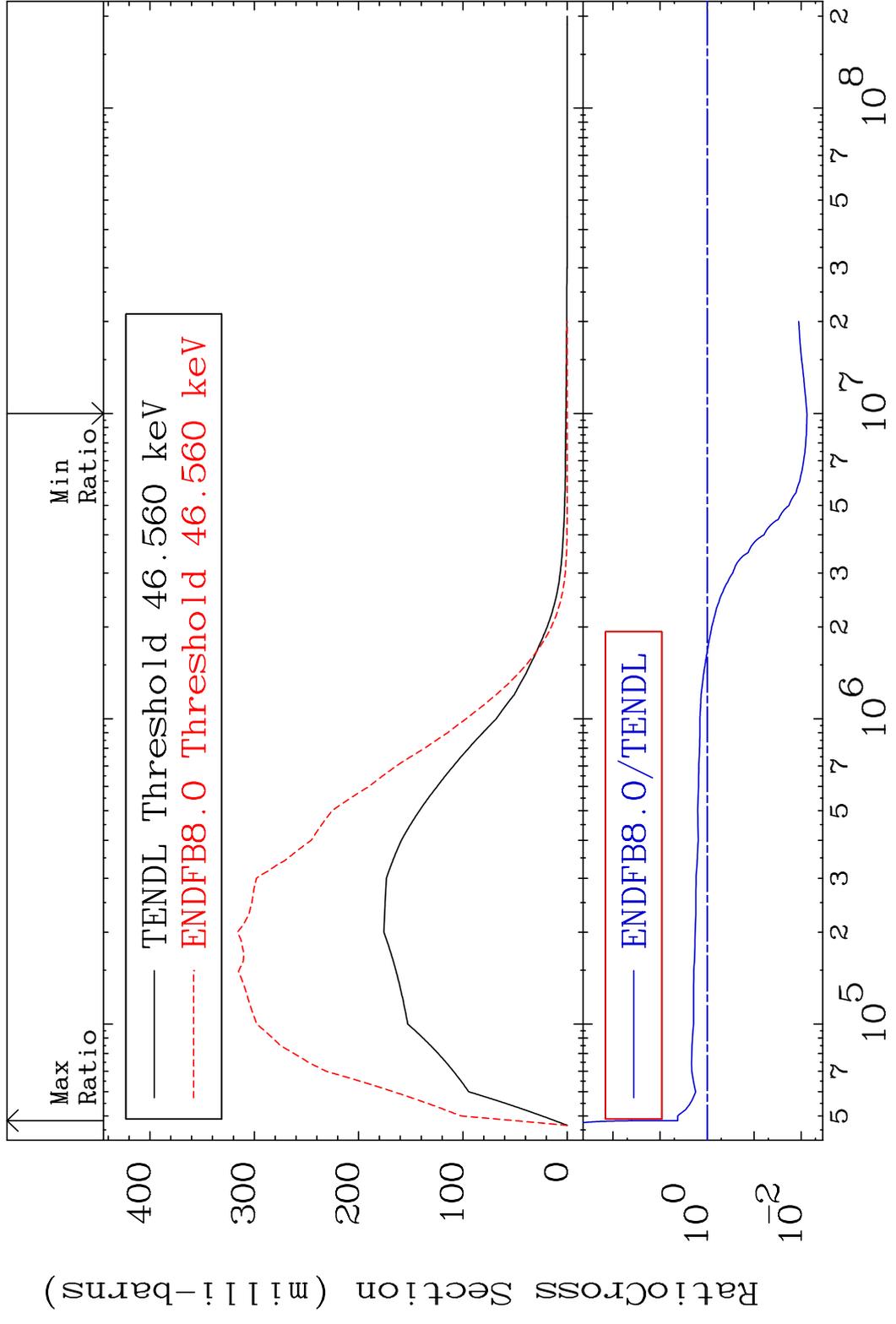
MAT 8931 MT= 51 (n, n') Level 89-Ac-227  
 Cross Section -100.0 To 145.5 %



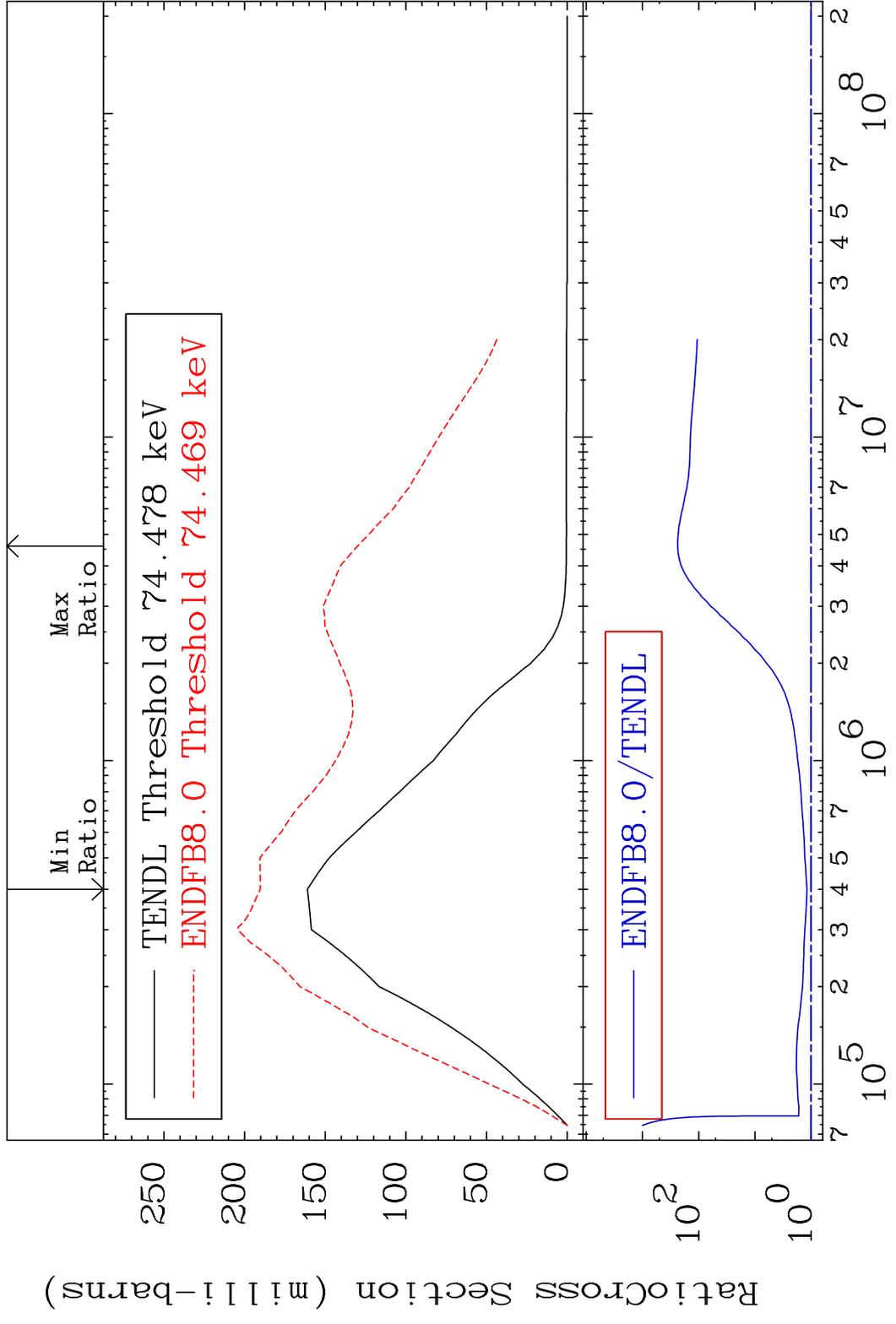
MAT 8931 MT= 52 (n,n') Level 89-Ac-227  
 Cross Section -100.0 To 9999. %



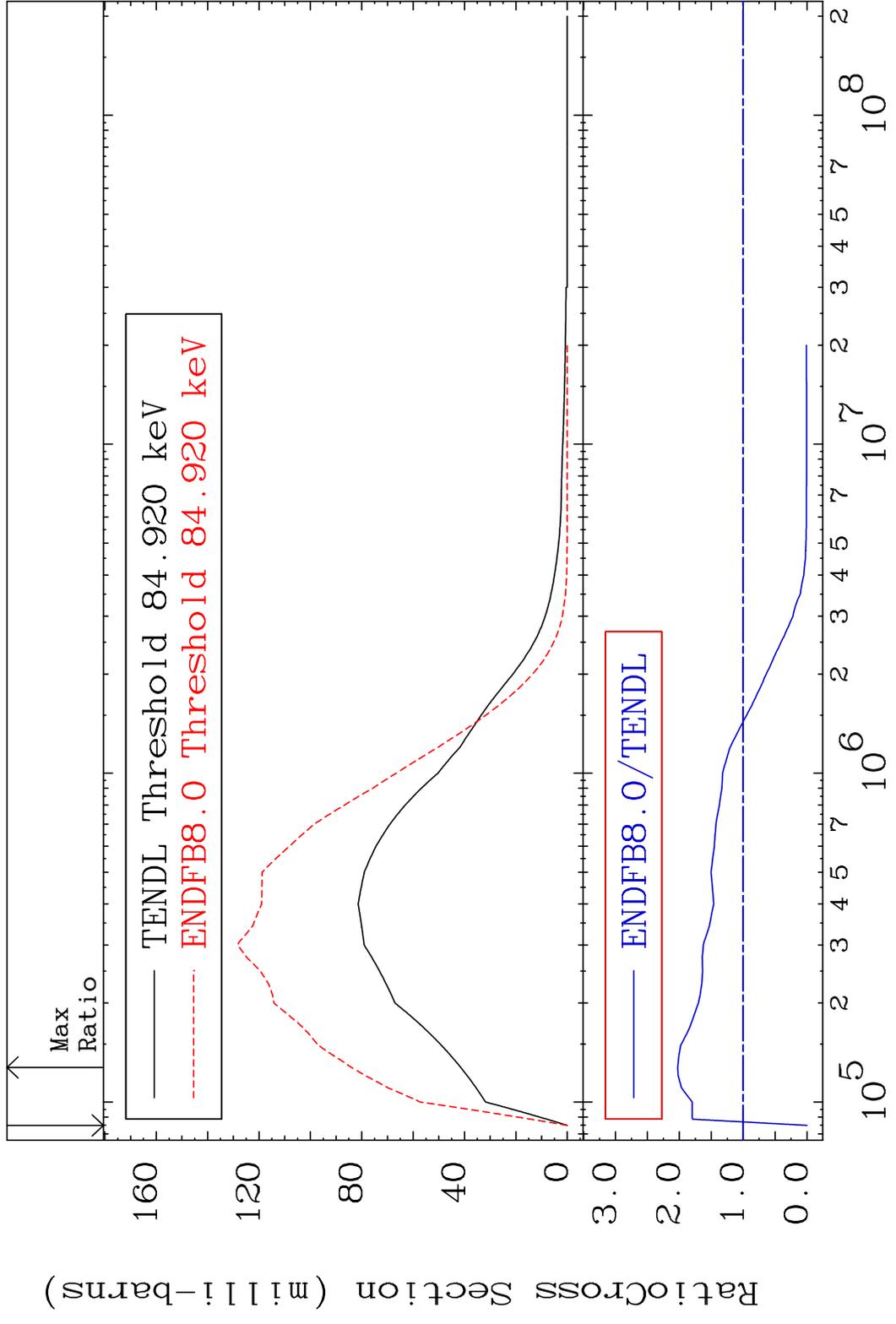
MAT 8931 MT= 53 (n, n') Level 89-Ac-227  
 Cross Section -99.25 To 321.8 %



MAT 8931 MT= 54 (n, n') Level 89-Ac-227  
 Cross Section 18.11 To 9999. %

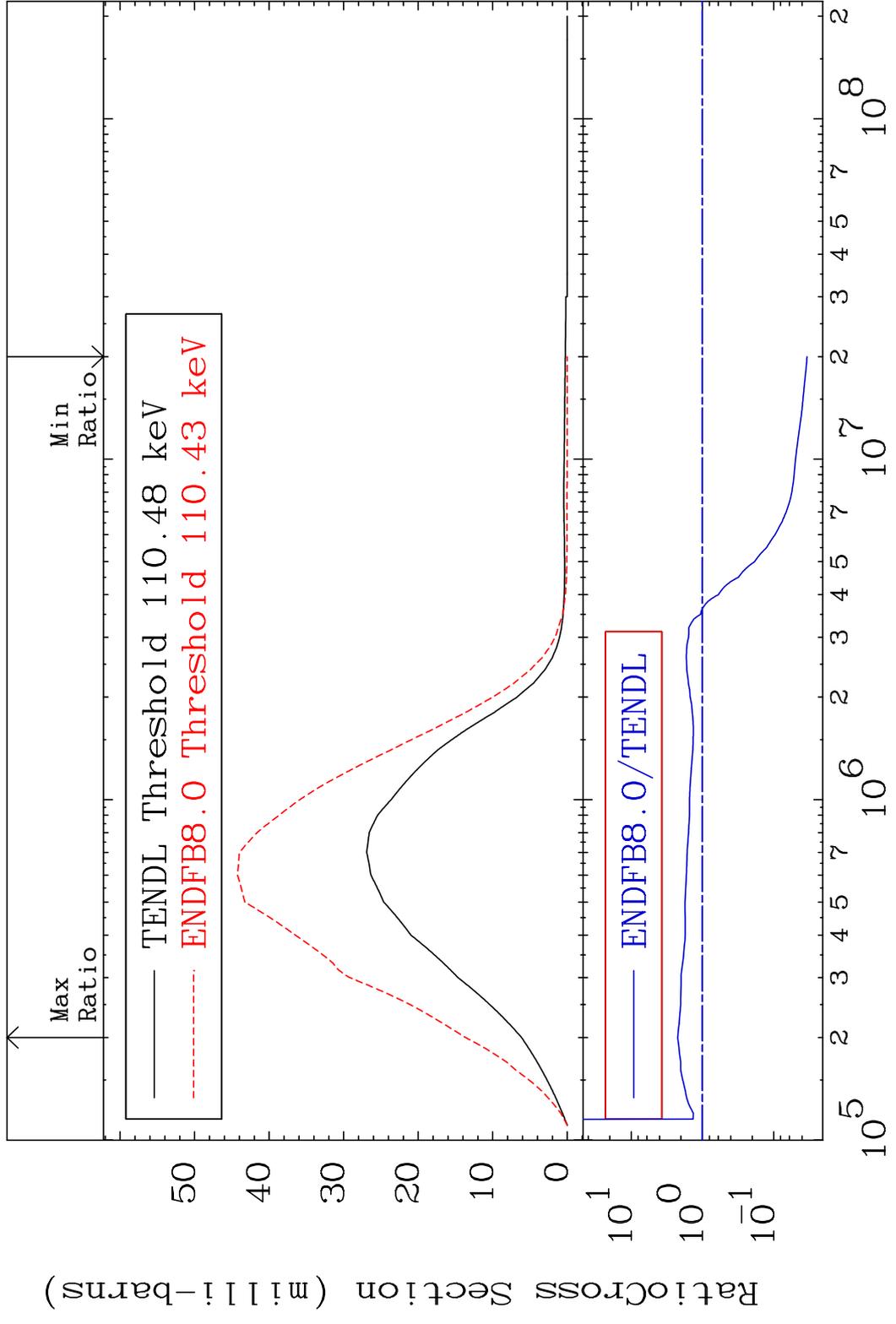


MAT 8931 MT= 55 (n, n') Level 89-Ac-227  
 Cross Section -100.0 To 102.6 %

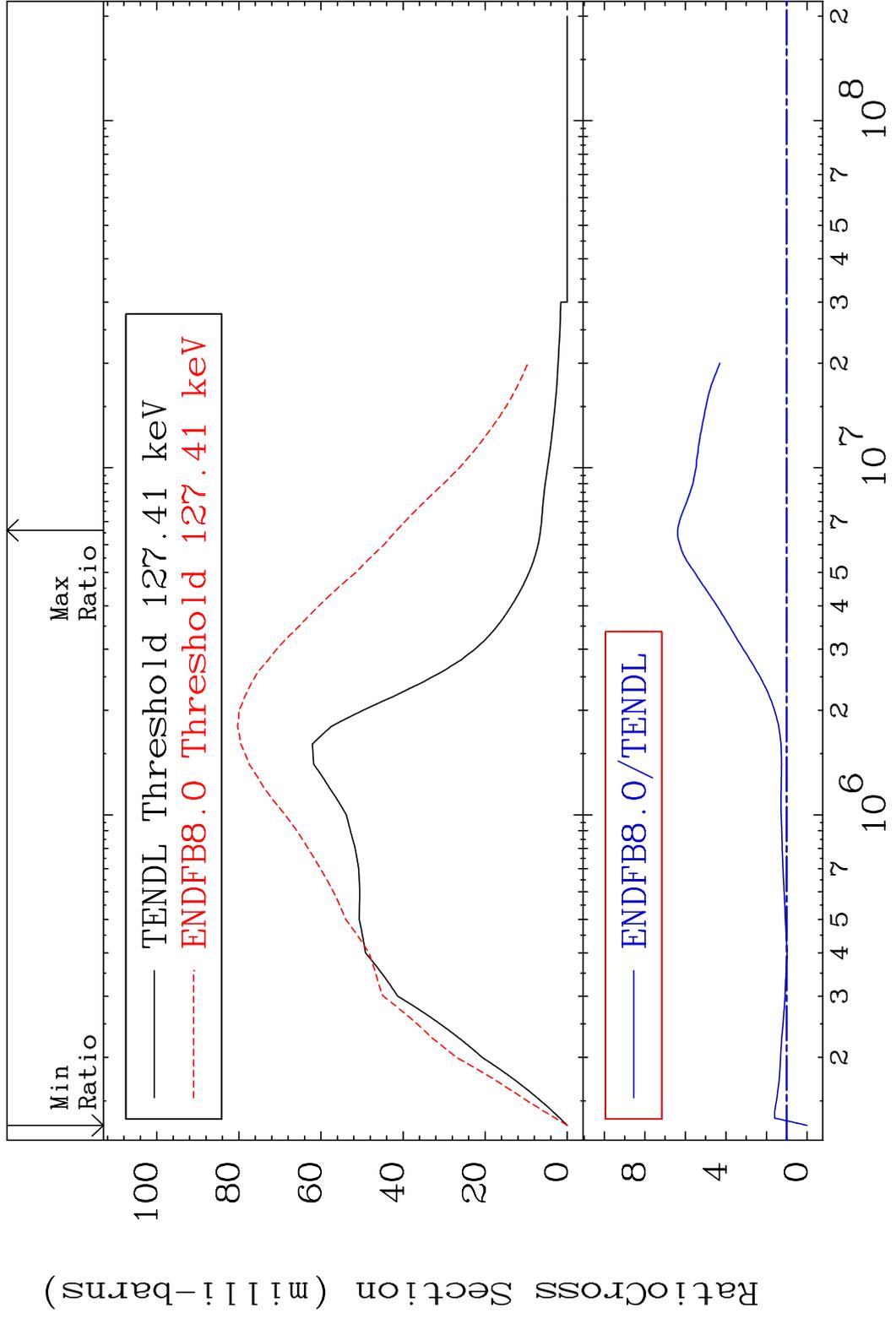


16 Incident Energy (eV) 89-Ac-227

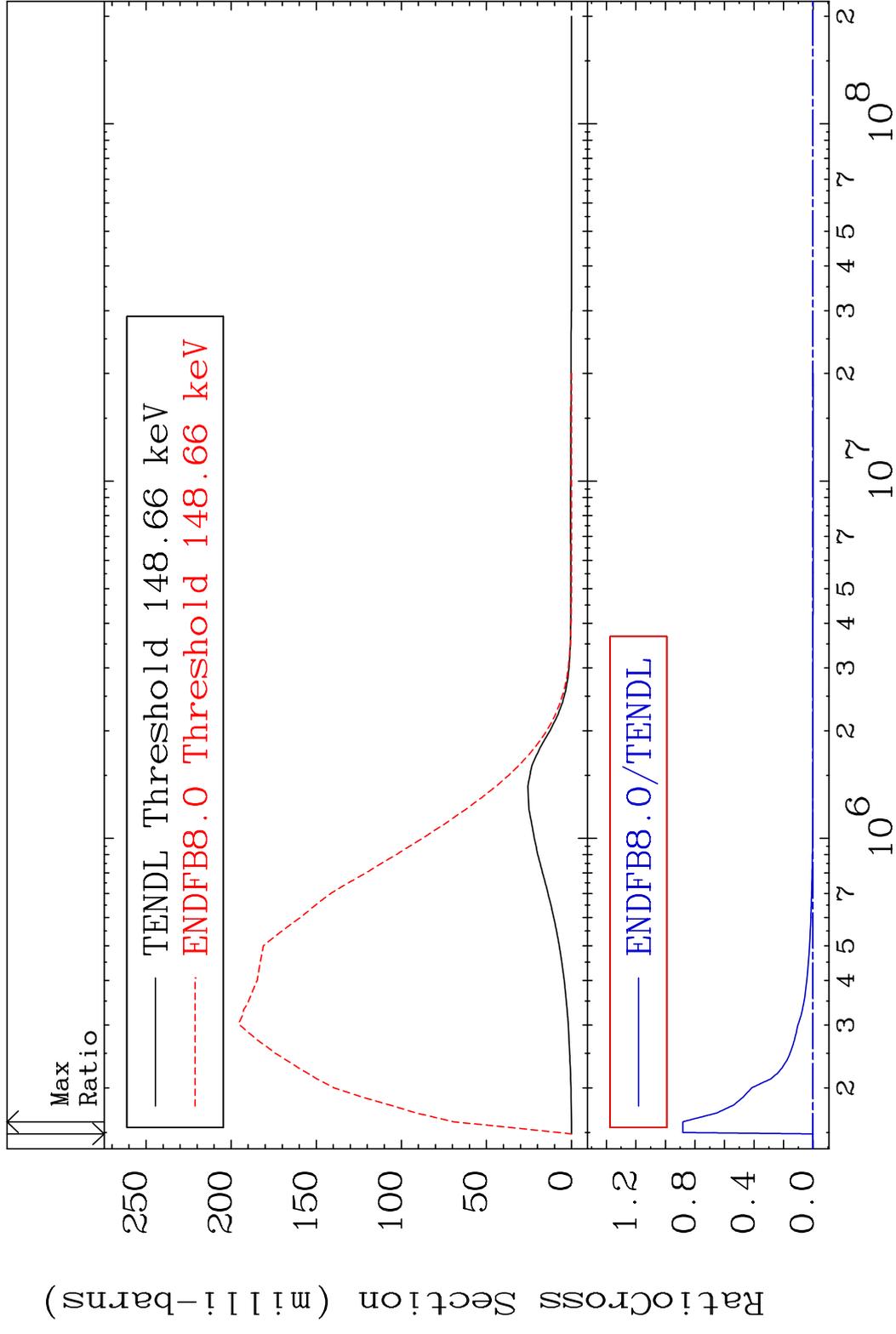
MAT 8931 MT= 56 (n,n') Level 89-Ac-227  
 Cross Section -96.59 To 122.5 %



MAT 8931 MT= 57 (n, n') Level 89-Ac-227  
 Cross Section -100.0 To 538.1 %



MAT 8931 MT= 58 (n,n') Level 89-Ac-227  
 Cross Section -100.0 To 9999. %

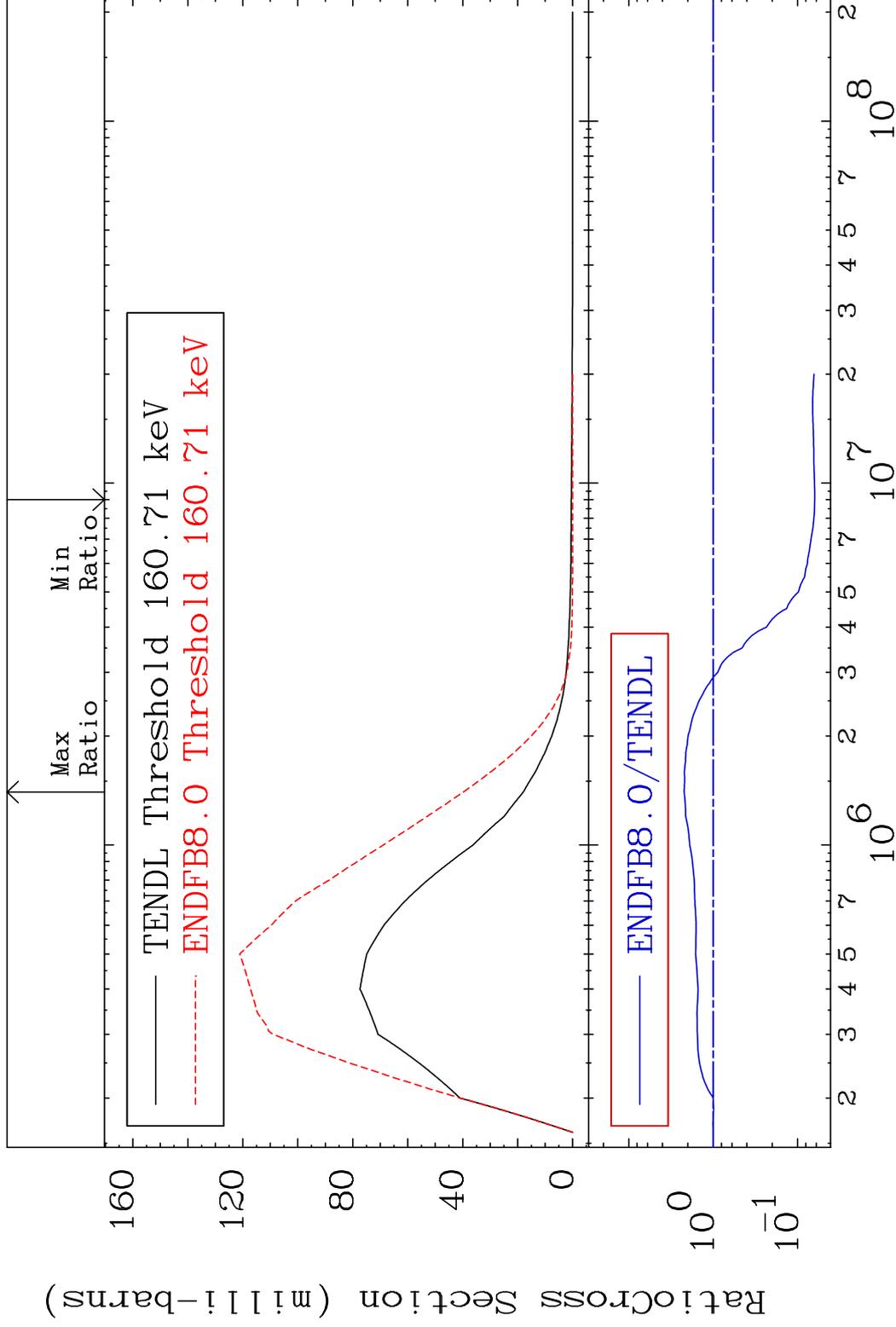


MAT 8931

MT= 59 (n, n') Level

89-Ac-227

Cross Section -93.71 To 121.4 %

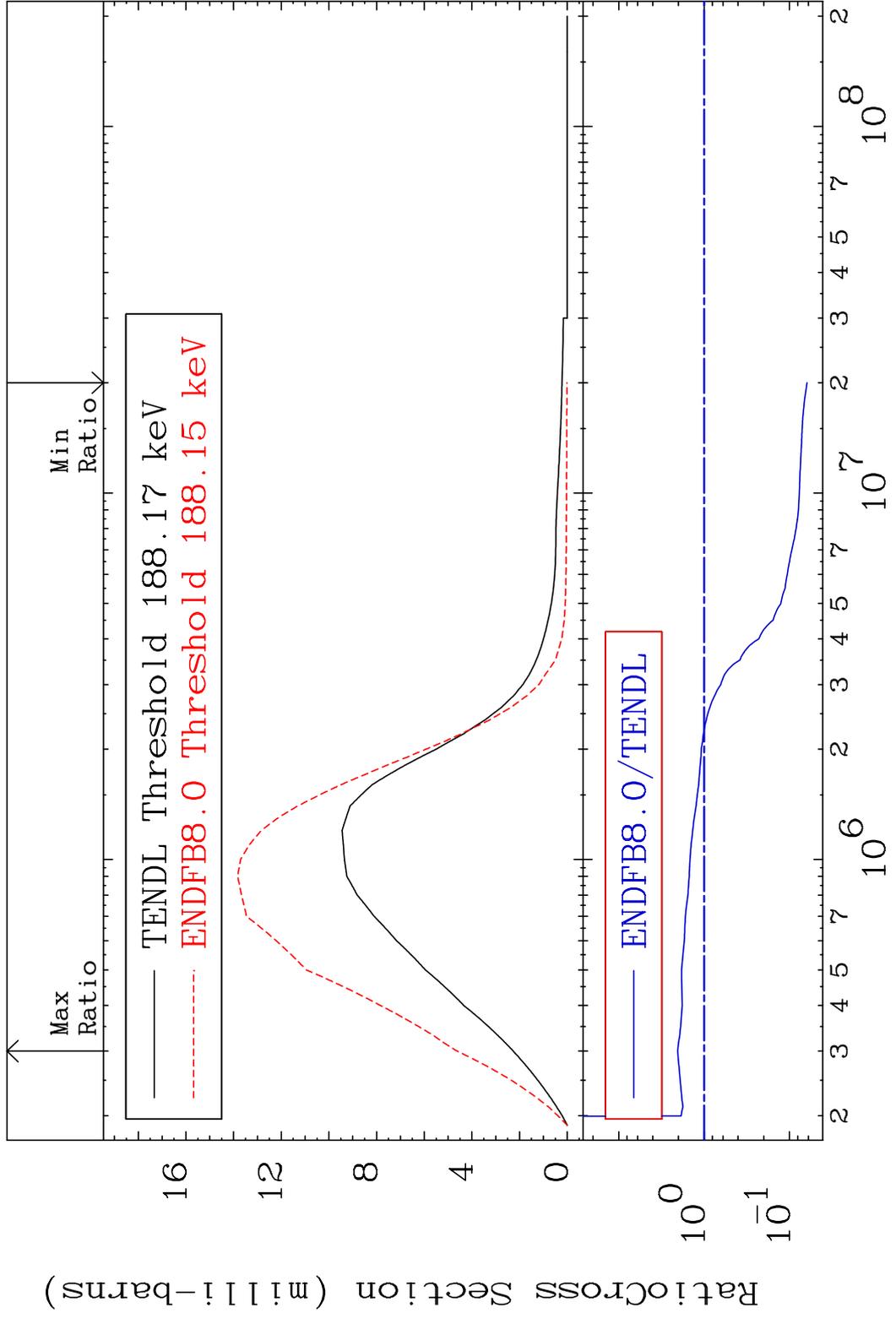


20

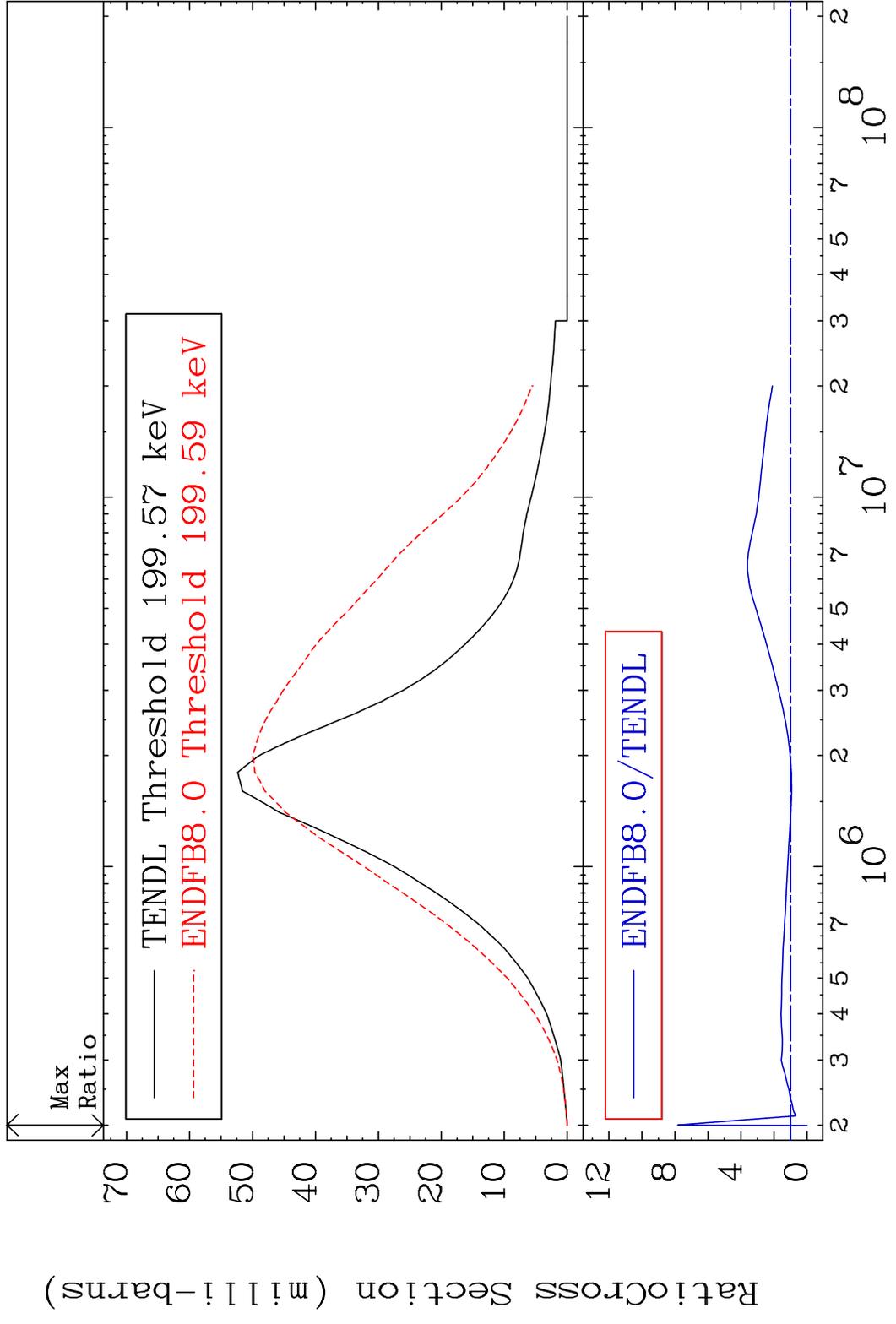
Incident Energy (eV)

89-Ac-227

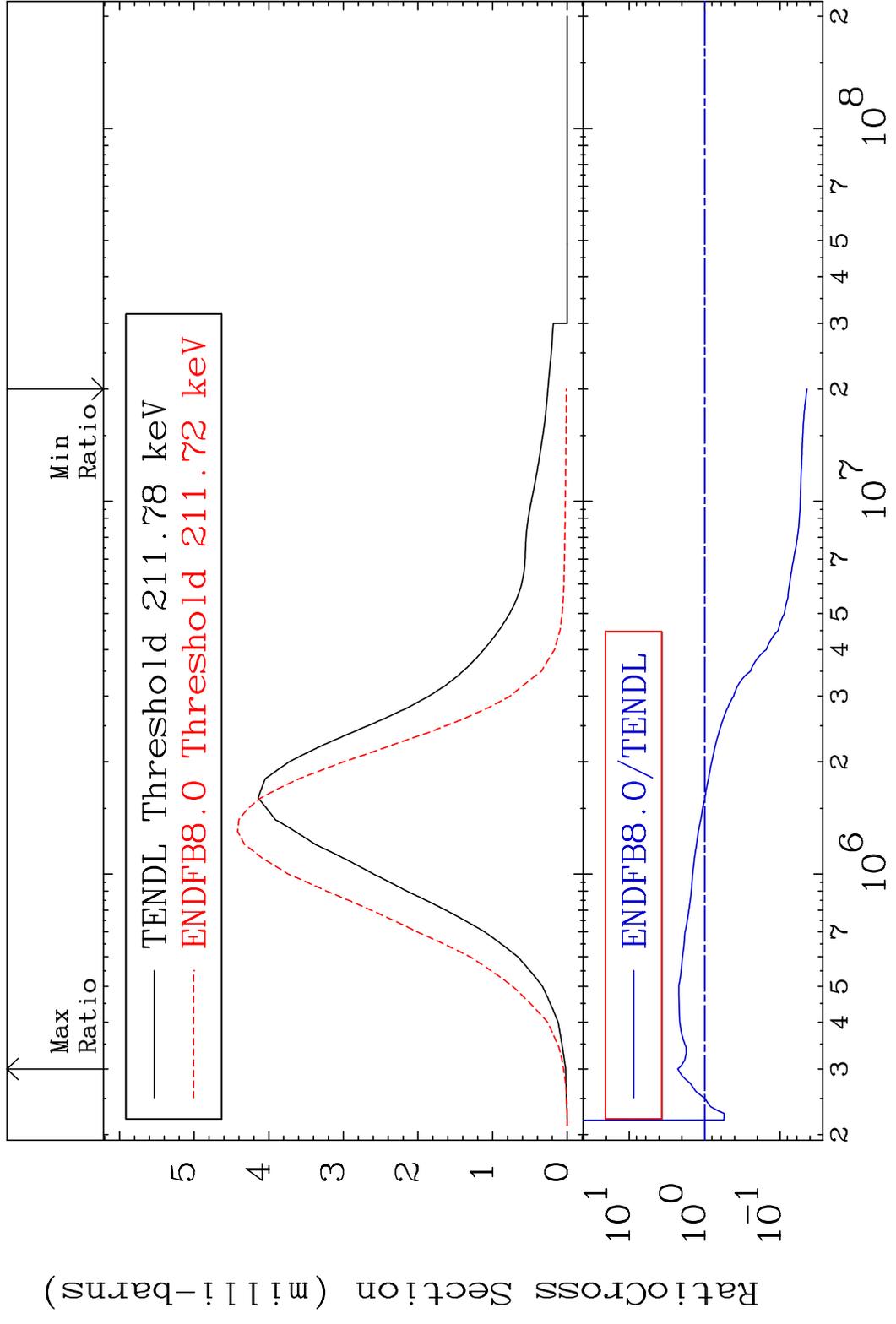
MAT 8931 MT= 60 (n,n') Level 89-Ac-227  
 Cross Section -93.77 To 104.0 %



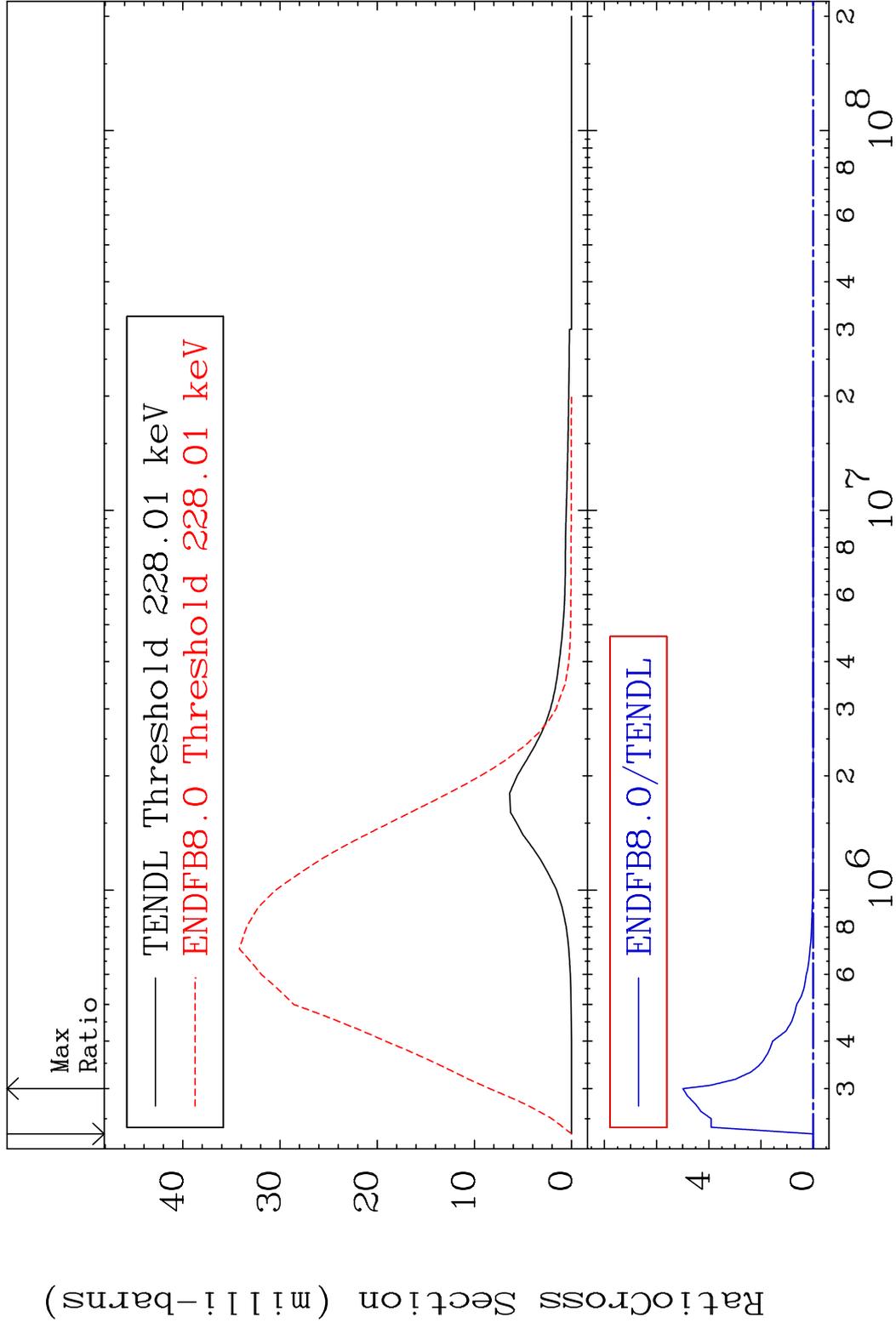
MAT 8931 MT= 61 (n,n') Level 89-Ac-227  
 Cross Section -100.0 To 683.5 %



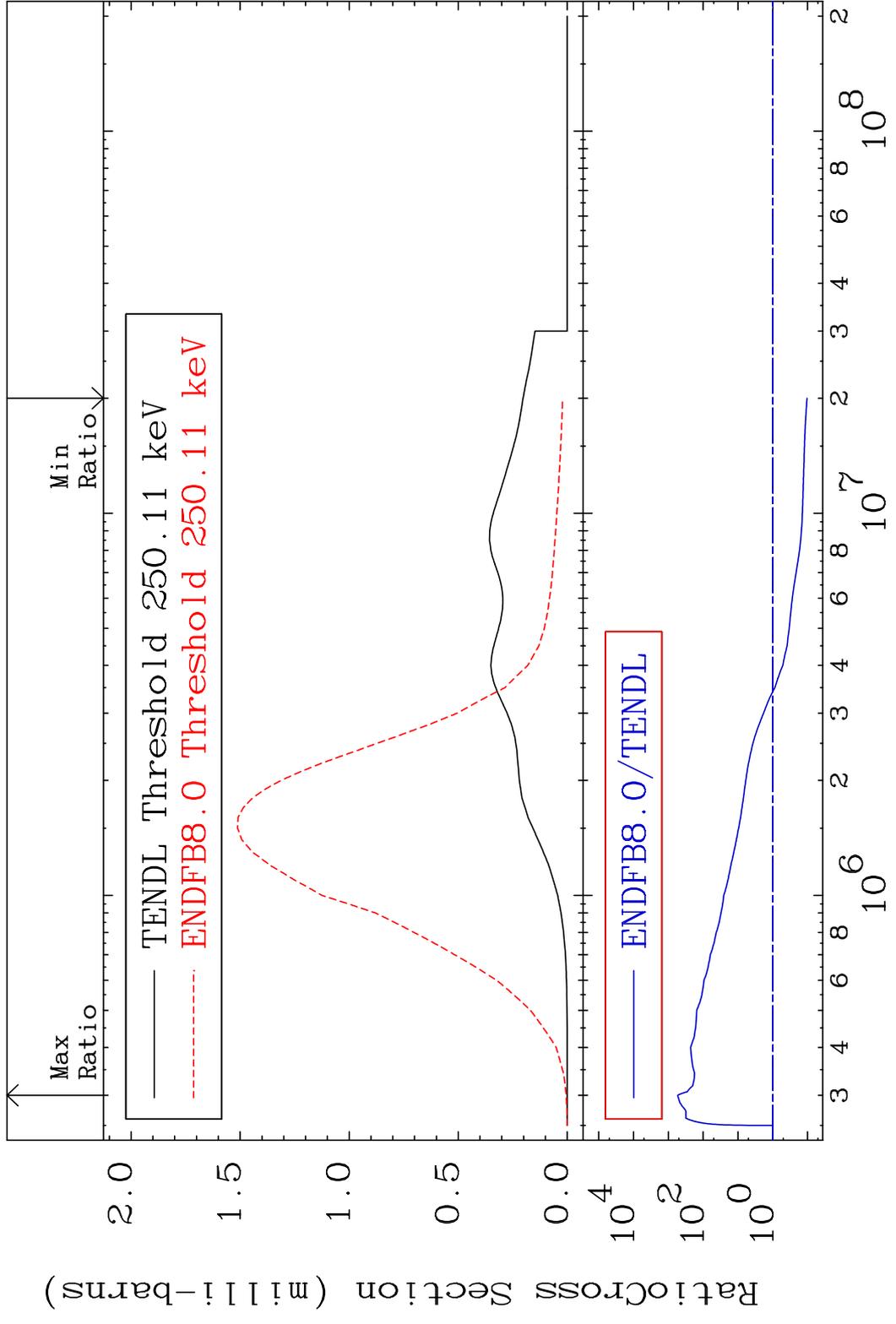
MAT 8931 MT= 62 (n, n') Level 89-Ac-227  
 Cross Section -95.61 To 127.3 %



MAT 8931      MT= 63 (n,n') Level      89-Ac-227  
 Cross Section    -100.0 To 9999. %



MAT 8931 MT= 64 (n,n') Level 89-Ac-227  
 Cross Section -89.62 To 9999. %

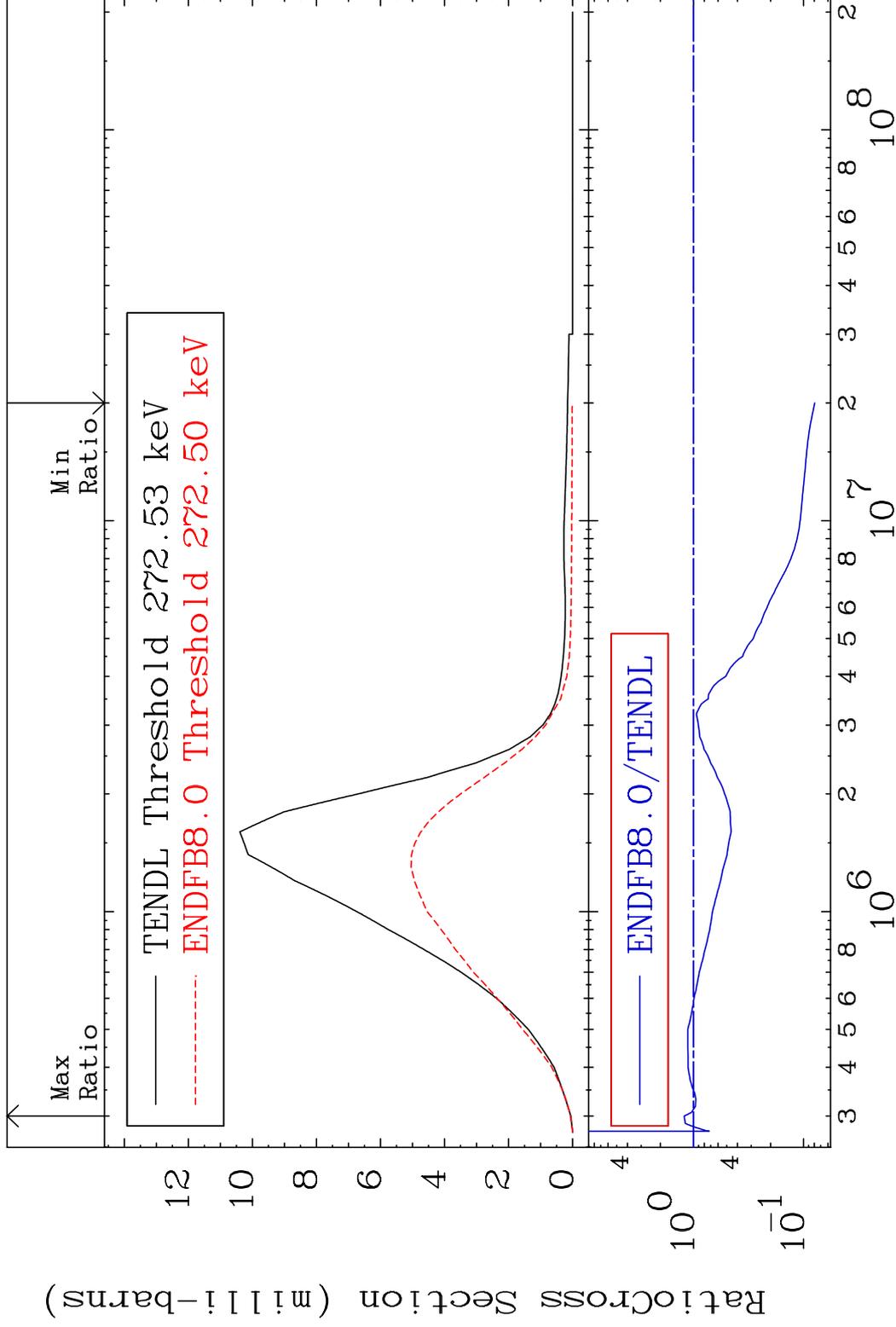


MAT 8931

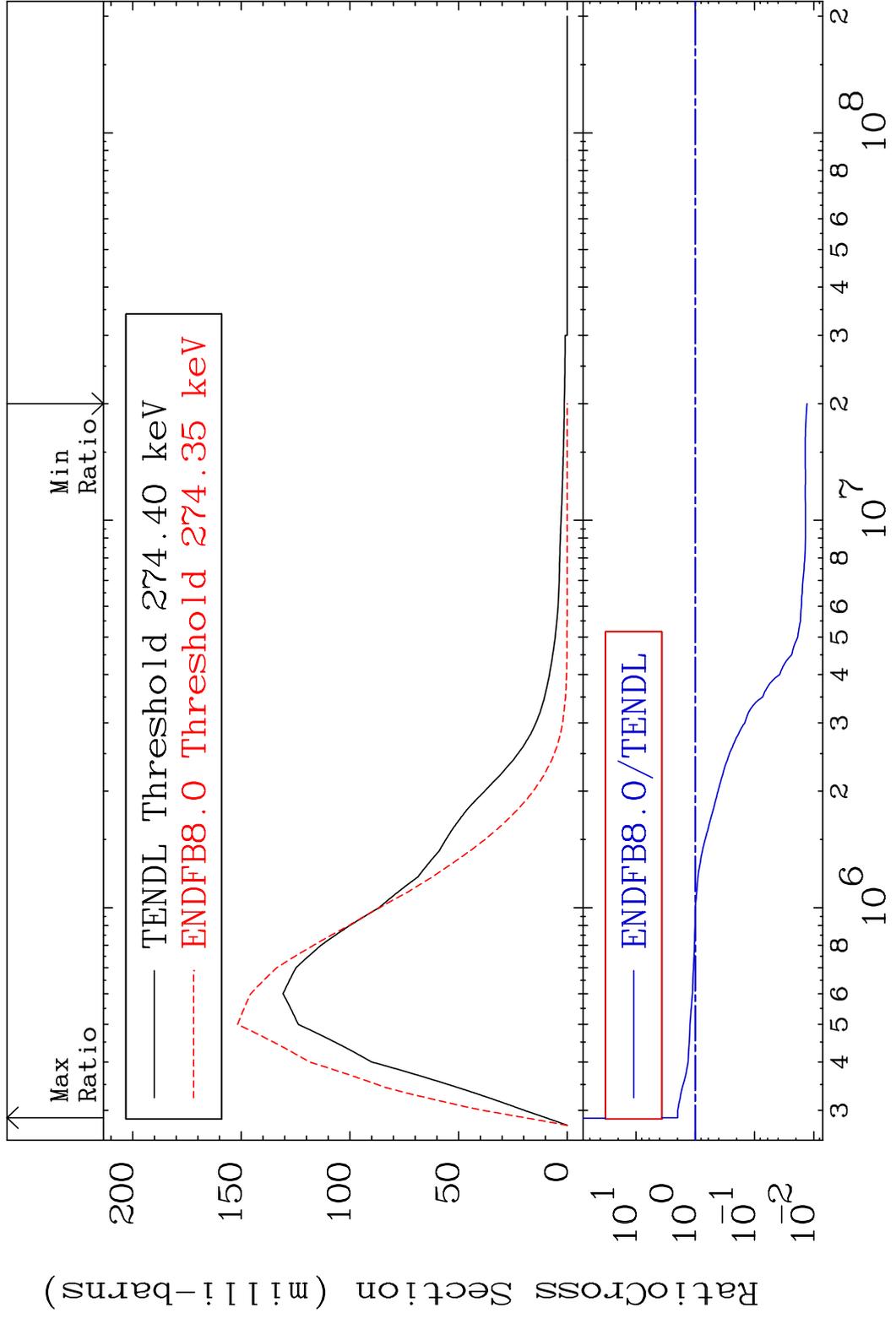
MT= 65 (n,n') Level

89-Ac-227

Cross Section -92.07 To 21.91 %



MAT 8931 MT= 66 (n,n') Level 89-Ac-227  
 Cross Section -98.70 To 97.69 %

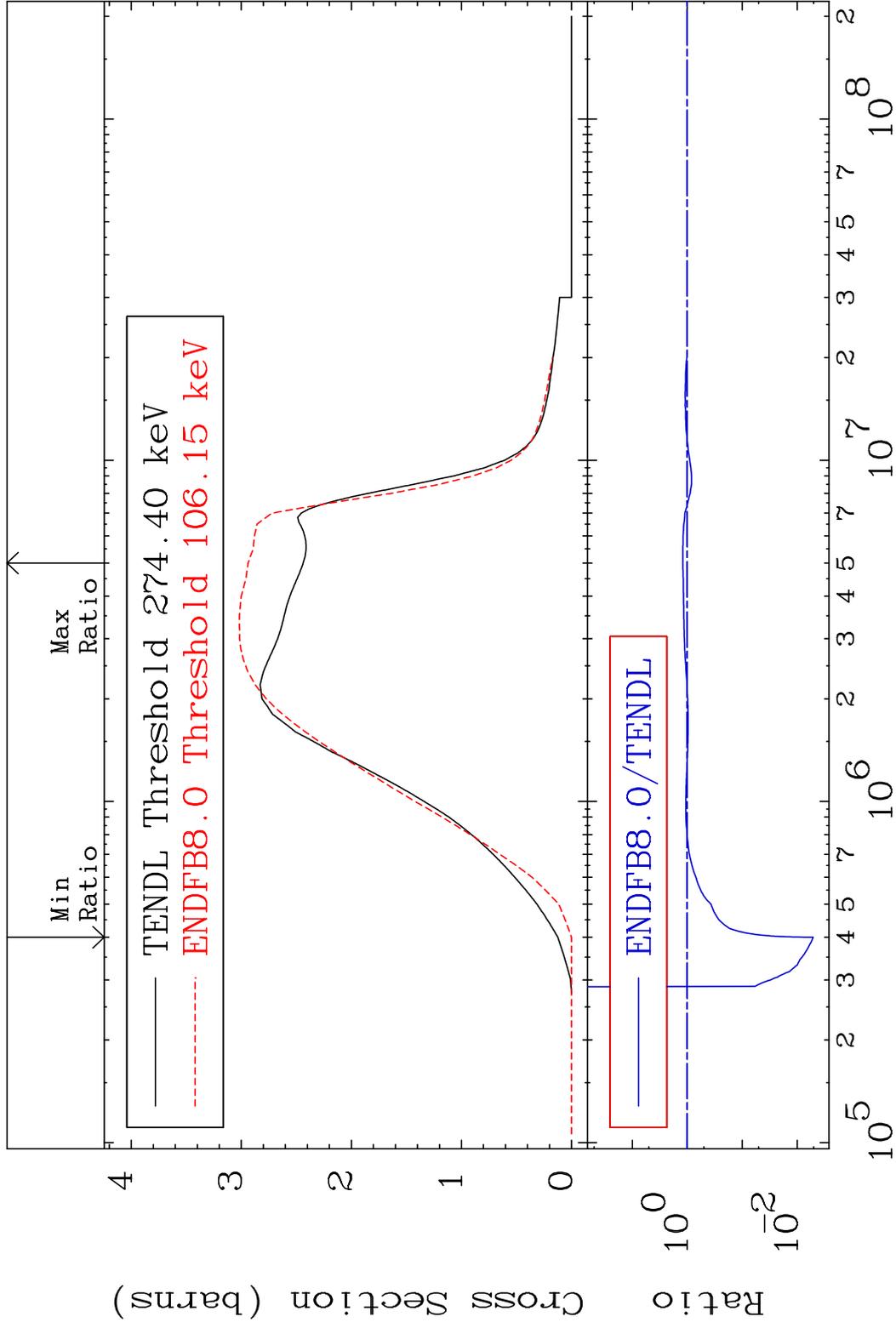


MAT 8931

(n, n') Continuum

89-Ac-227

Cross Section -99.49 To 20.54 %



28

Incident Energy (eV)

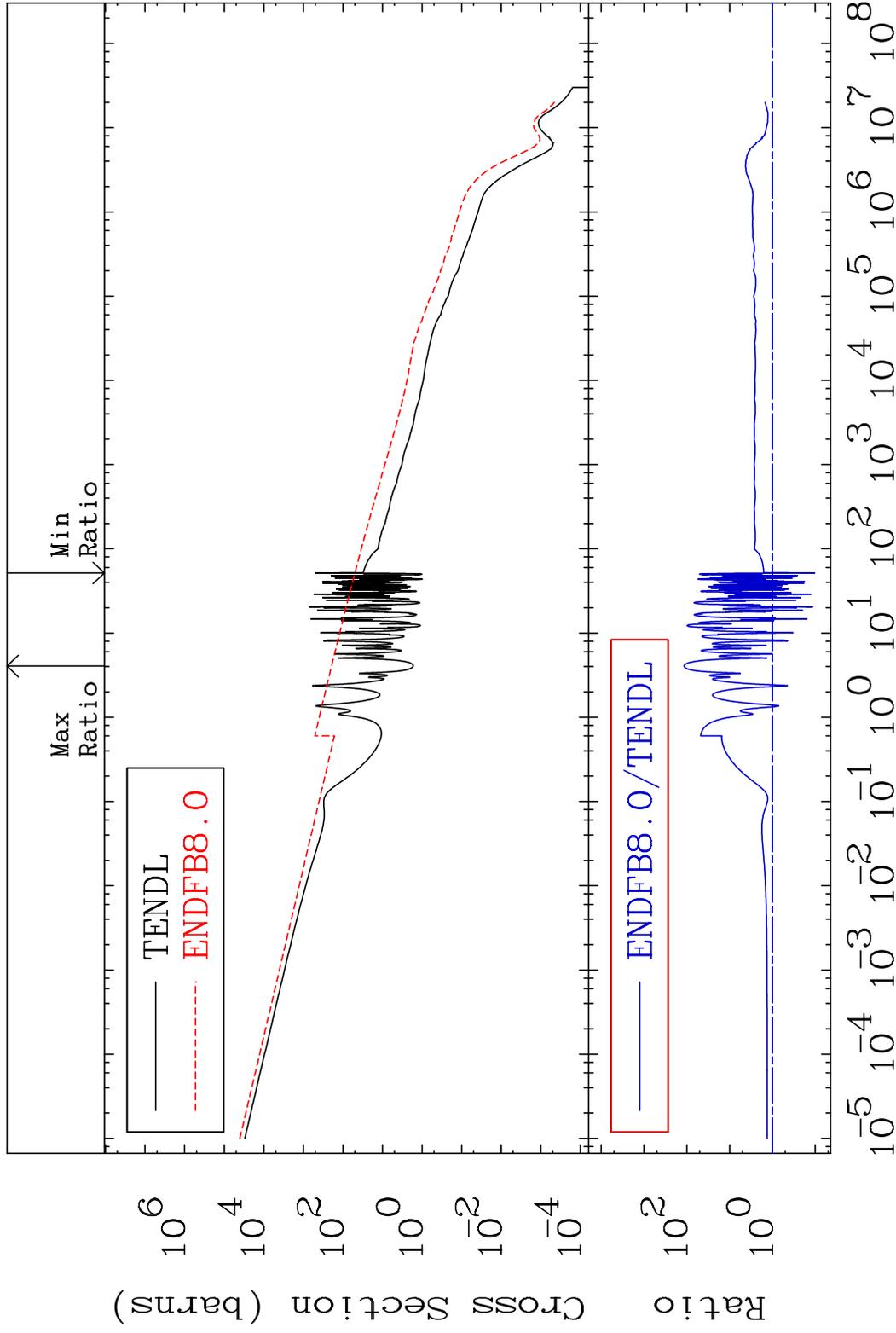
89-Ac-227

MAT 8931

(n,  $\gamma$ )

89-Ac-227

Cross Section -89.68 To 9999. %

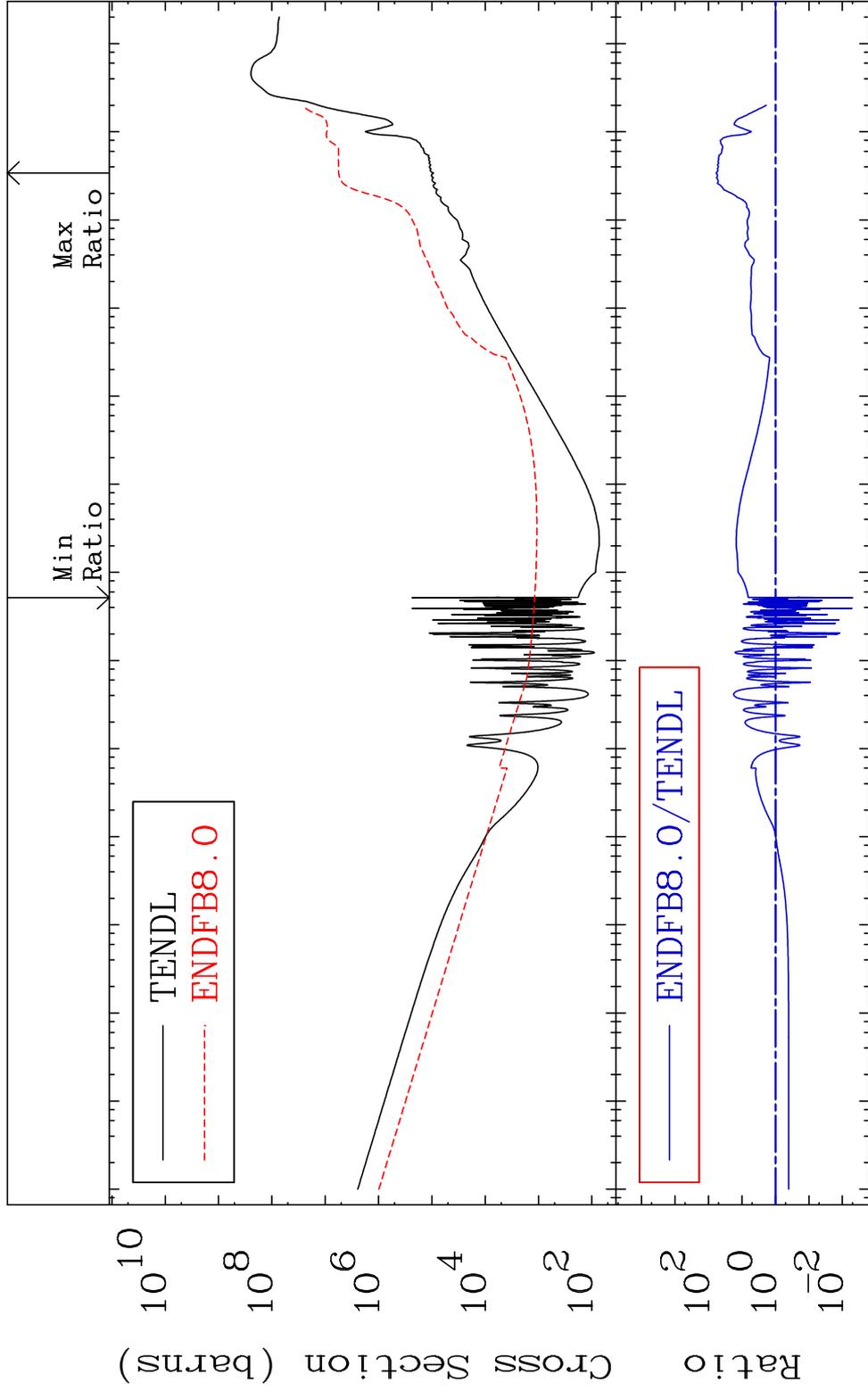


29

Incident Energy (eV)

89-Ac-227

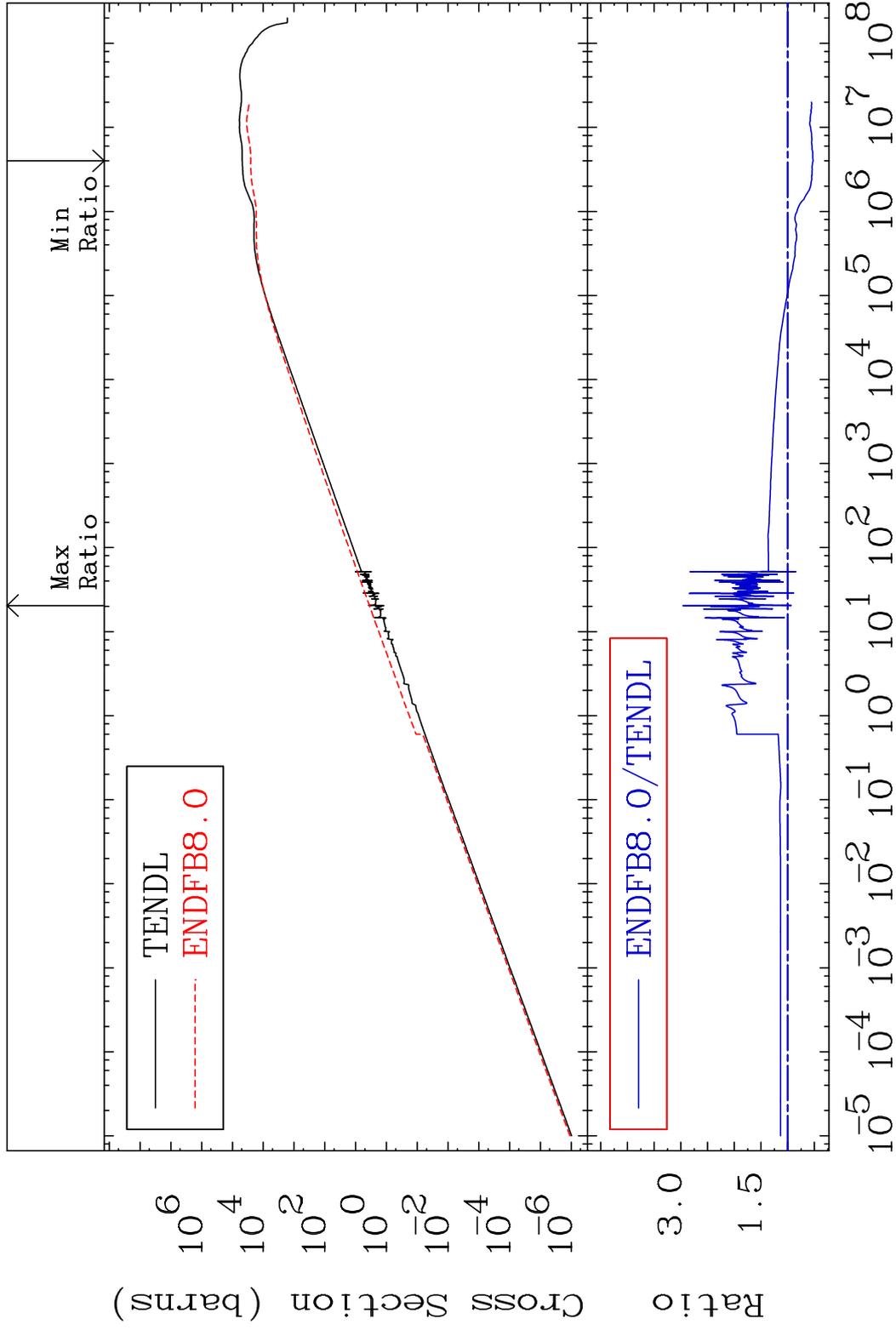
MAT 8931 Kerma total (eV-barns) 89-Ac-227  
 Cross Section -99.50 To 5904. %



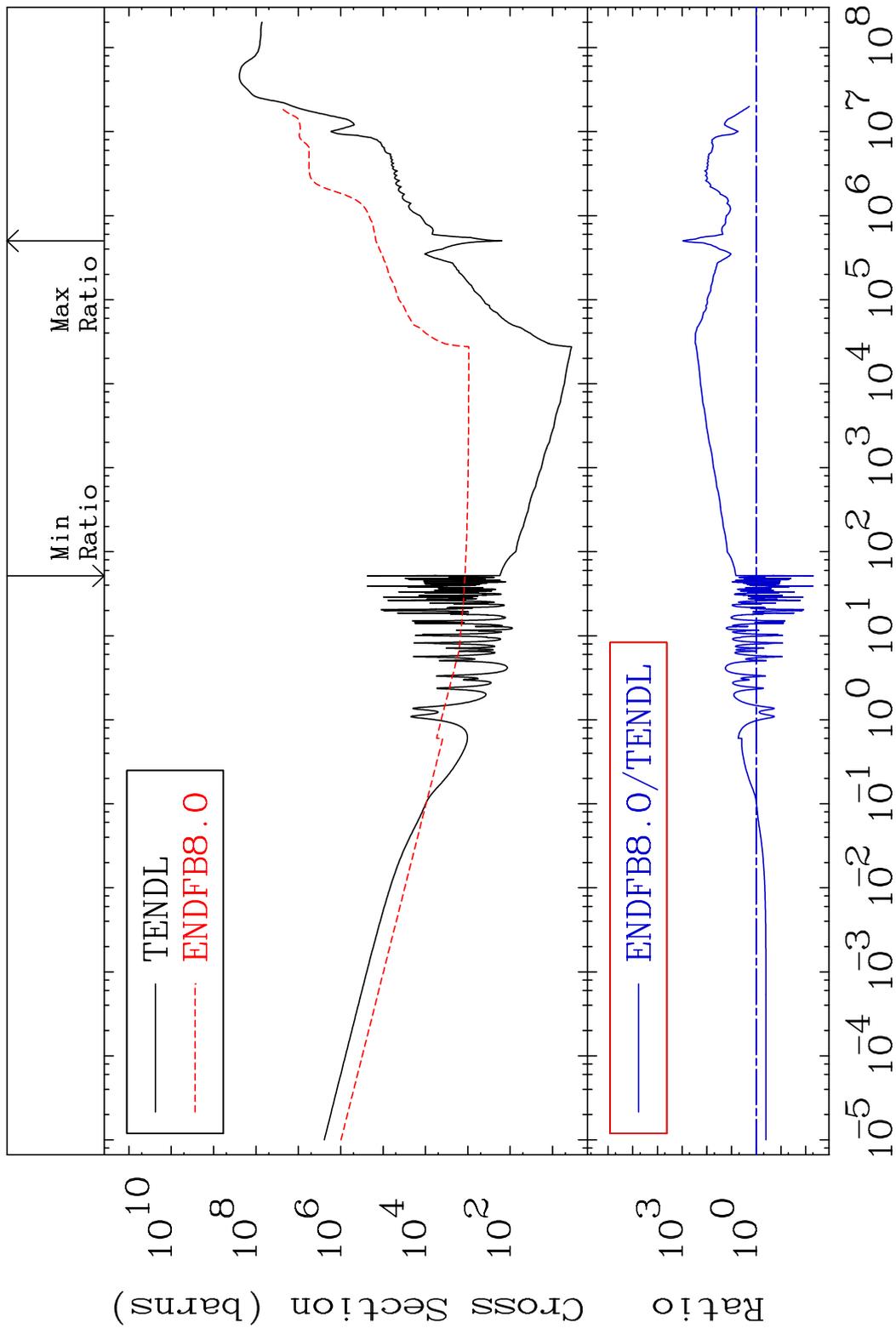
MAT 8931

Kerma elastic  
Cross Section

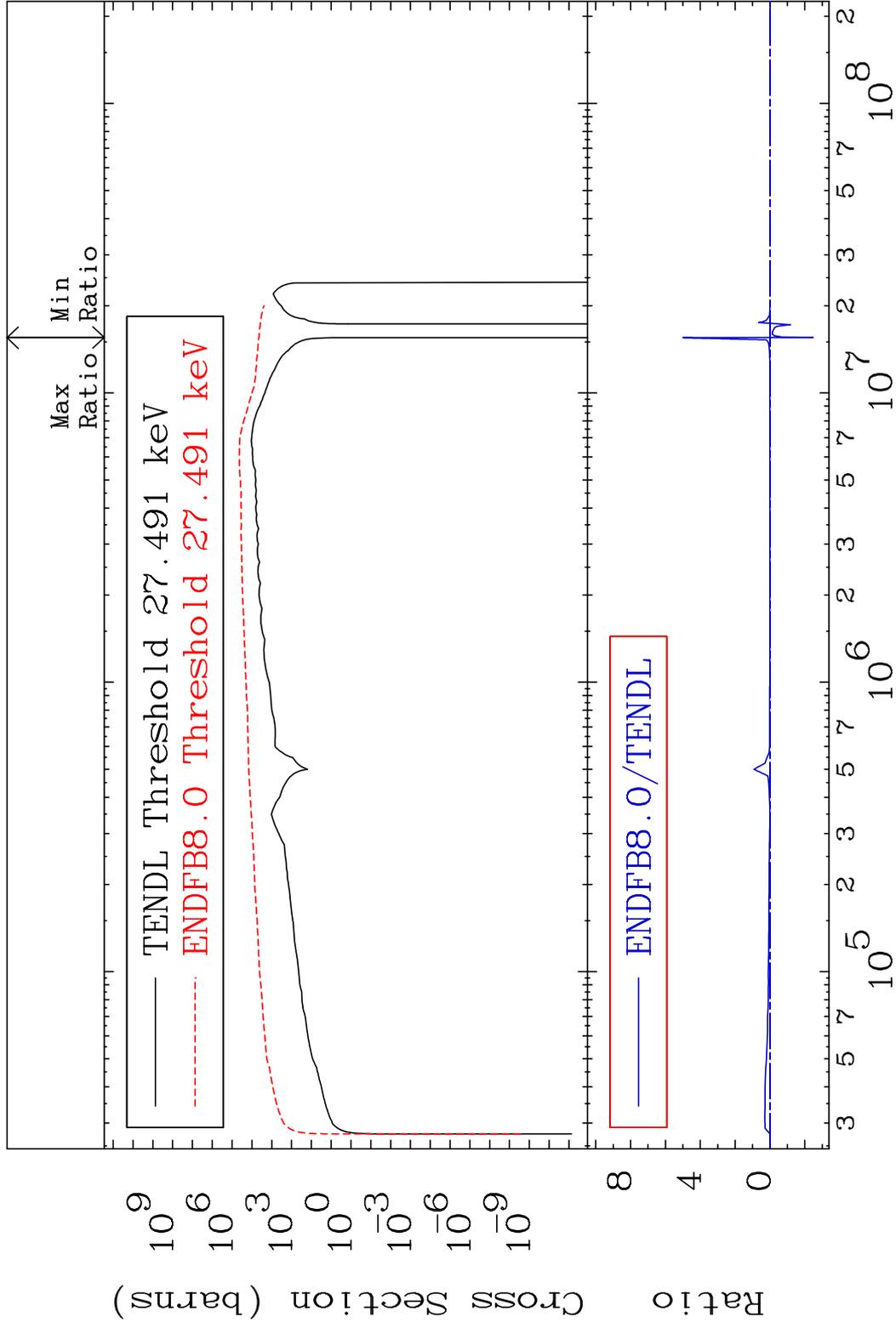
89-Ac-227  
-47.57 To 196.3 %



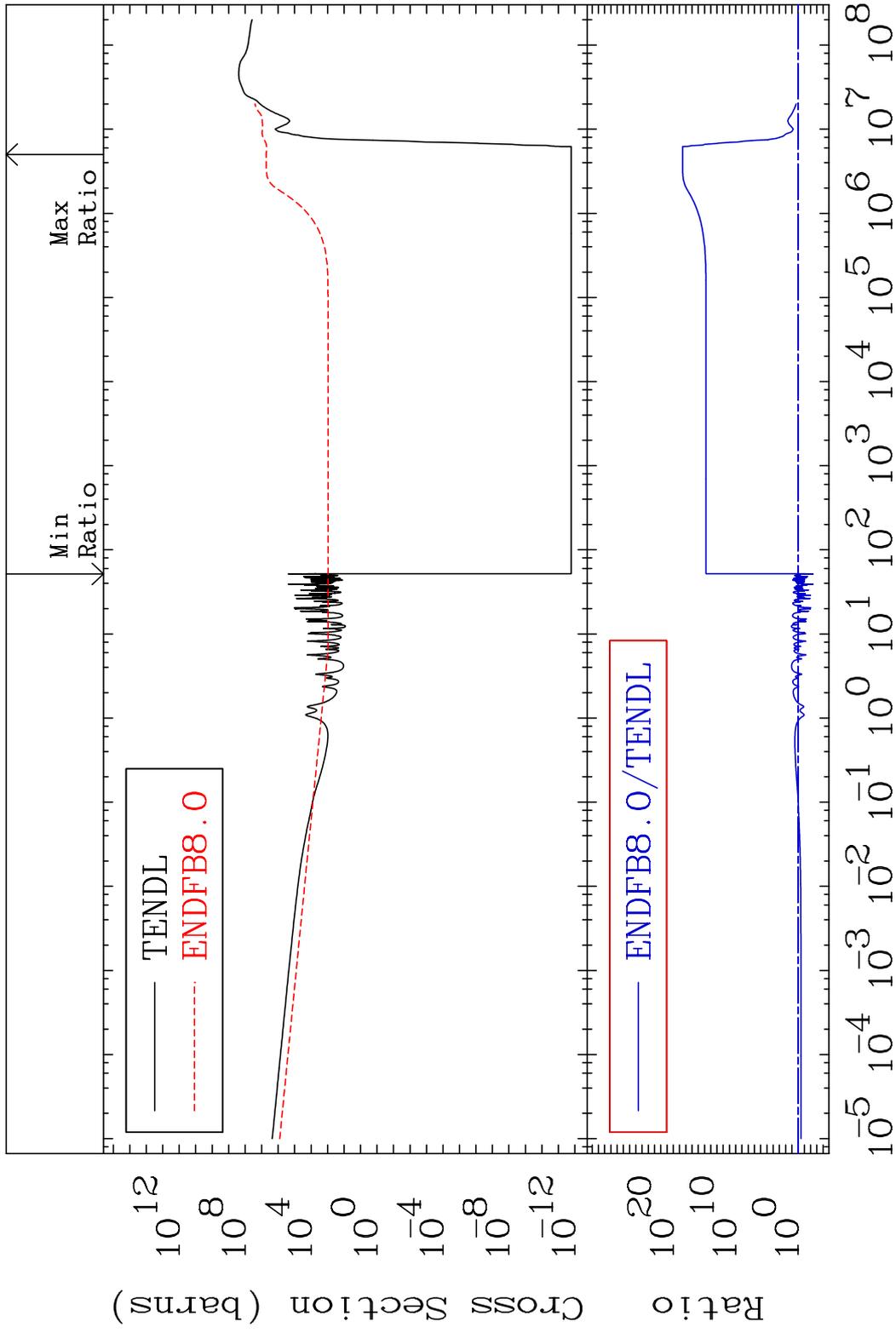
MAT 8931 Kerma non-elastic (all but mt2) 89-Ac-227  
 Cross Section -99.51 To 9999. %



MAT 8931 Kerma inelastic (mt51-91) 89-Ac-227  
 Cross Section -9999. To 9999. %



MAT 8931 Kerma fission (mt18 or mt19-20-21-38) 89-Ac-227  
 Cross Section -99.60 To 9999. %

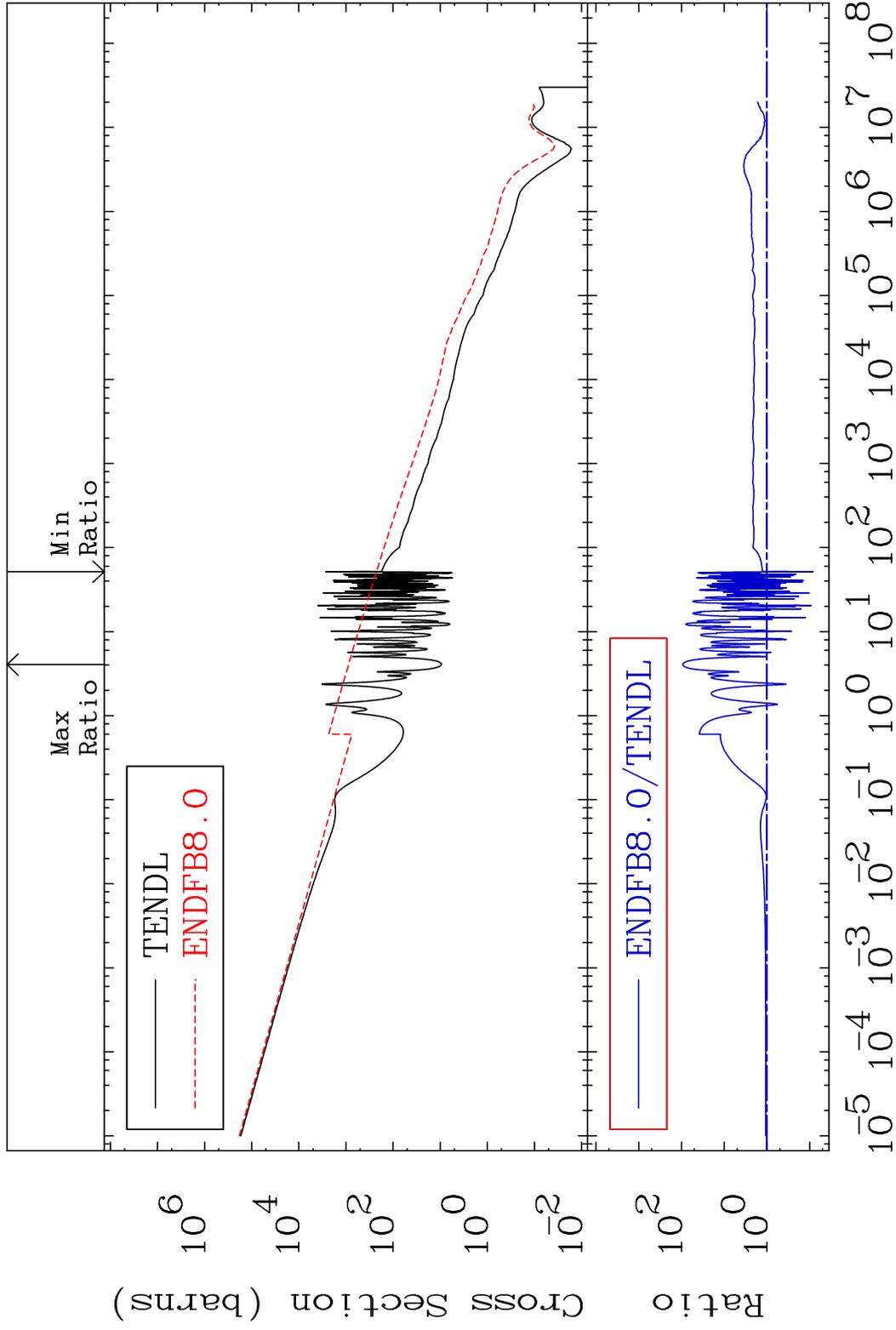


MAT 8931

Kerma capture (mt102)

89-Ac-227

Cross Section -91.70 To 9201. %

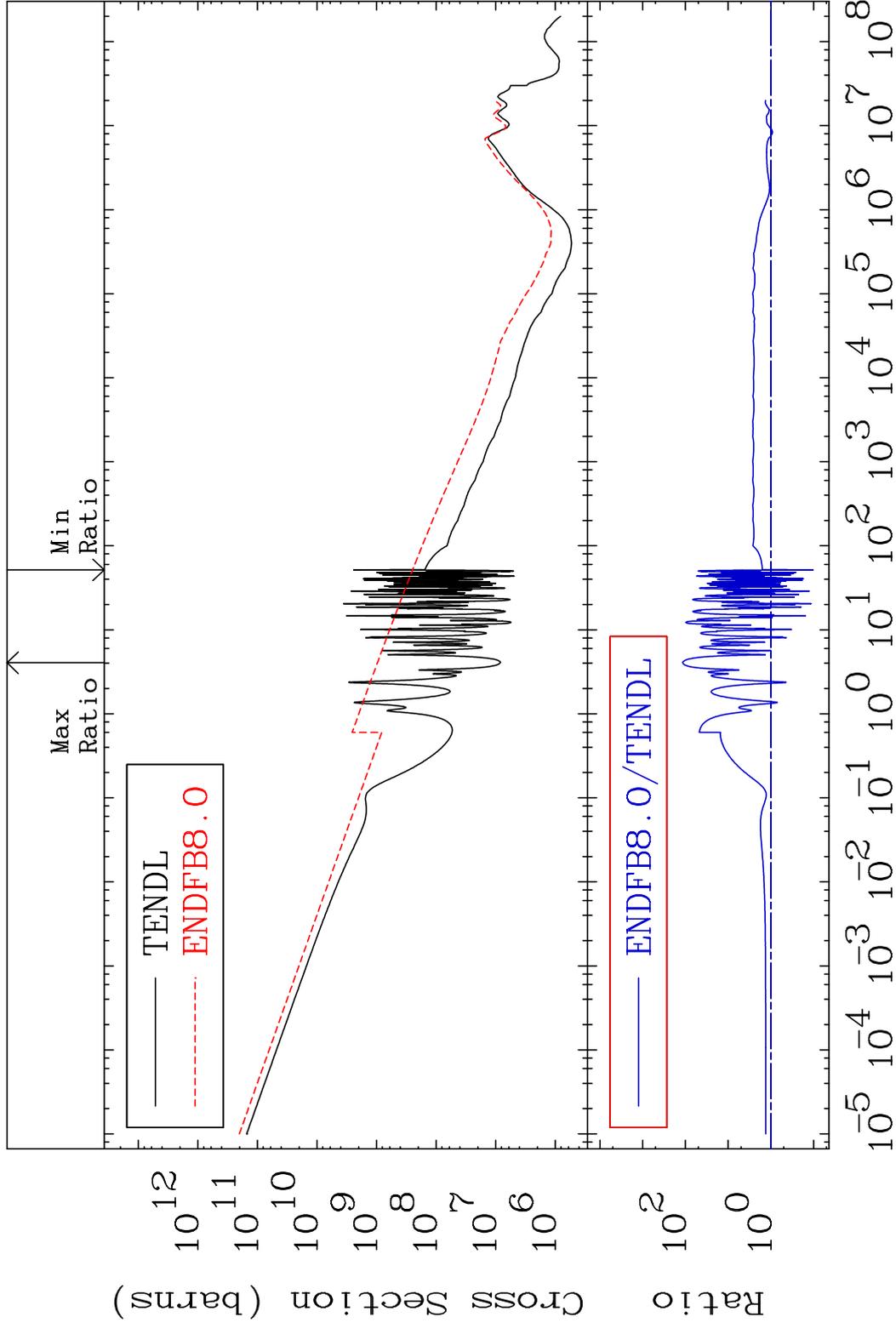


35

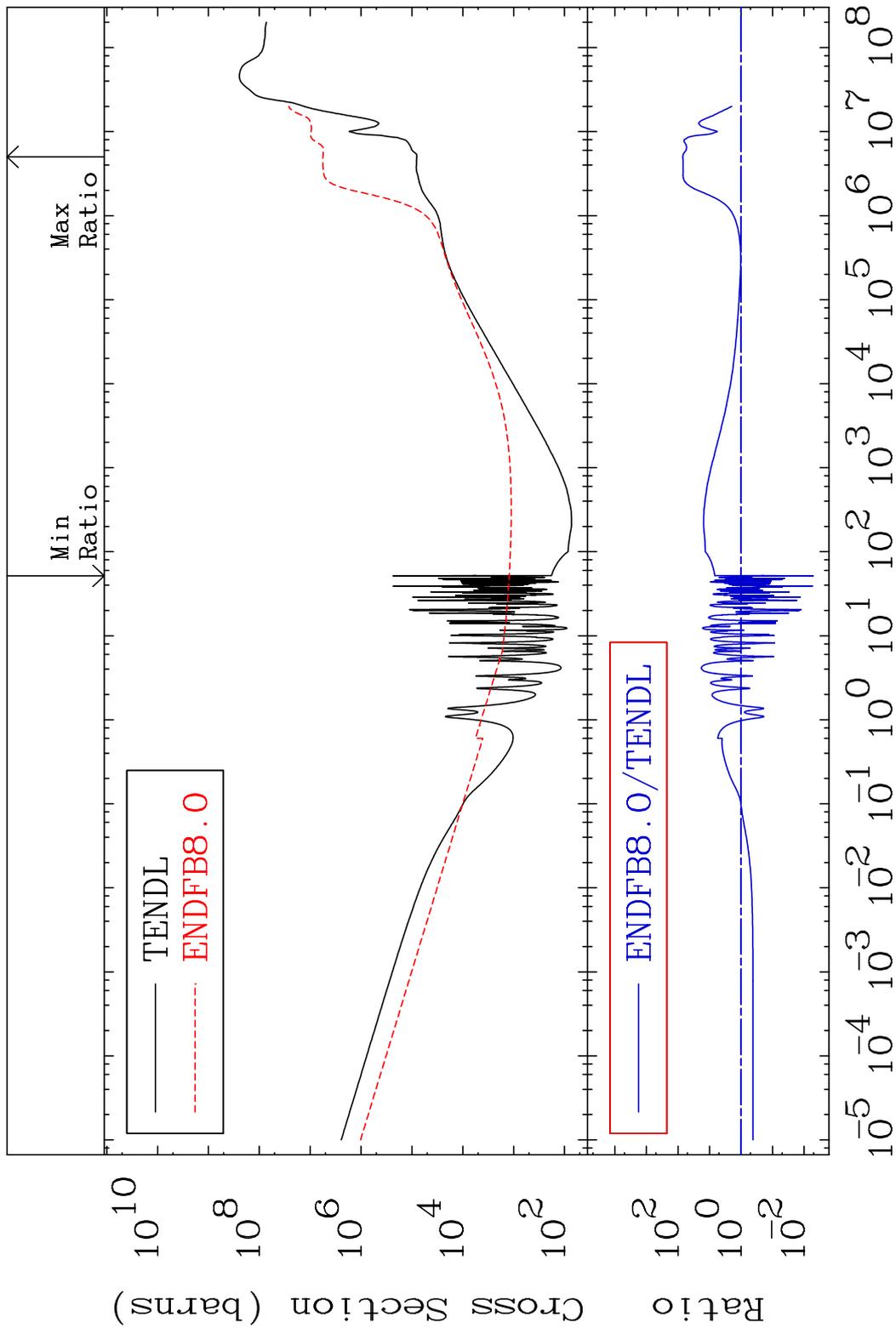
Incident Energy (eV)

89-Ac-227

MAT 8931 Total photon (eV-barns) 89-Ac-227  
 Cross Section -89.73 To 9999. %



MAT 8931 Total kinematic kerma (high limit) 89-Ac-227  
 Cross Section -99.48 To 6909. %

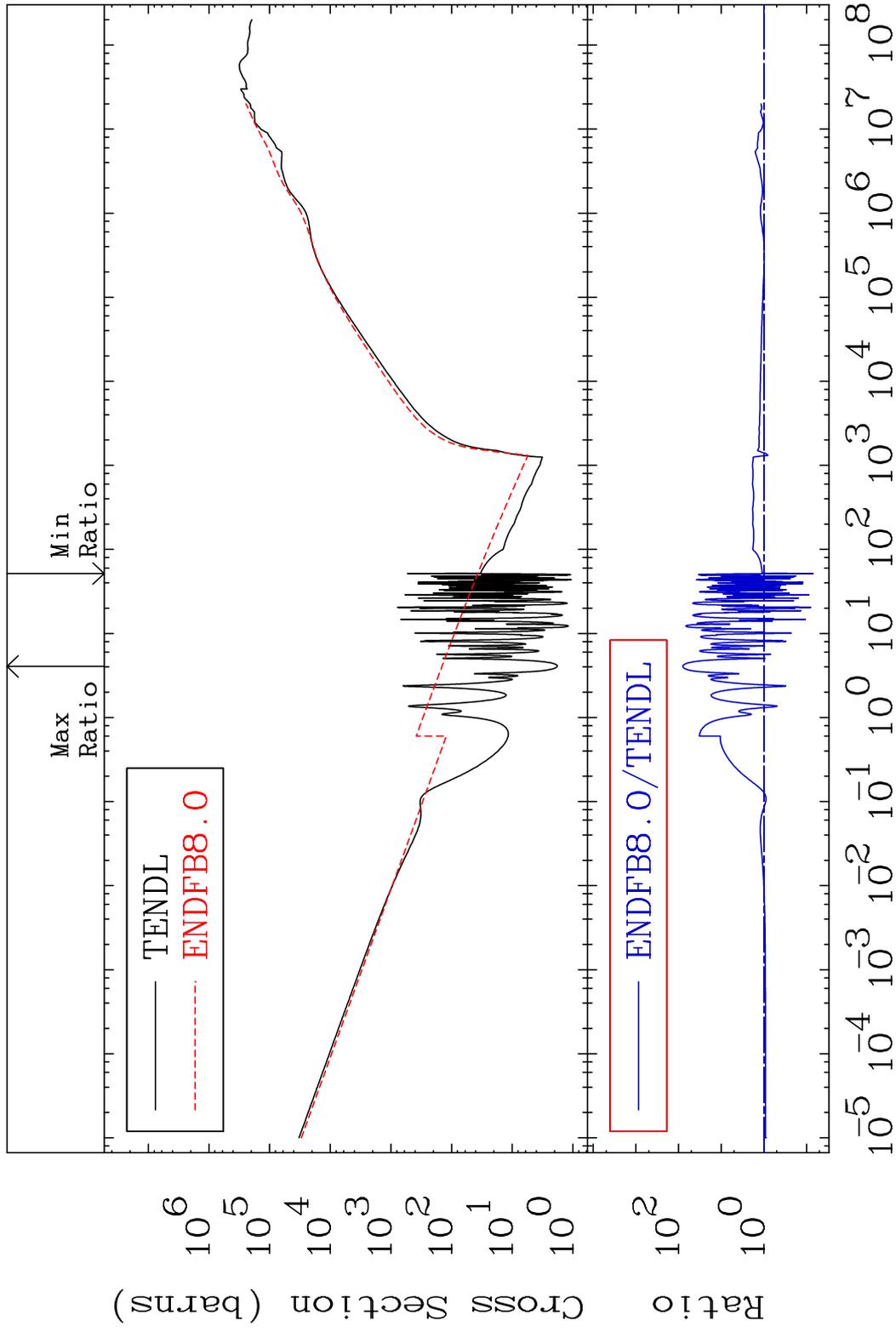


MAT 8931

Dpa total (eV-barns)

89-Ac-227

Cross Section -93.02 To 7843. %



38

Incident Energy (eV)

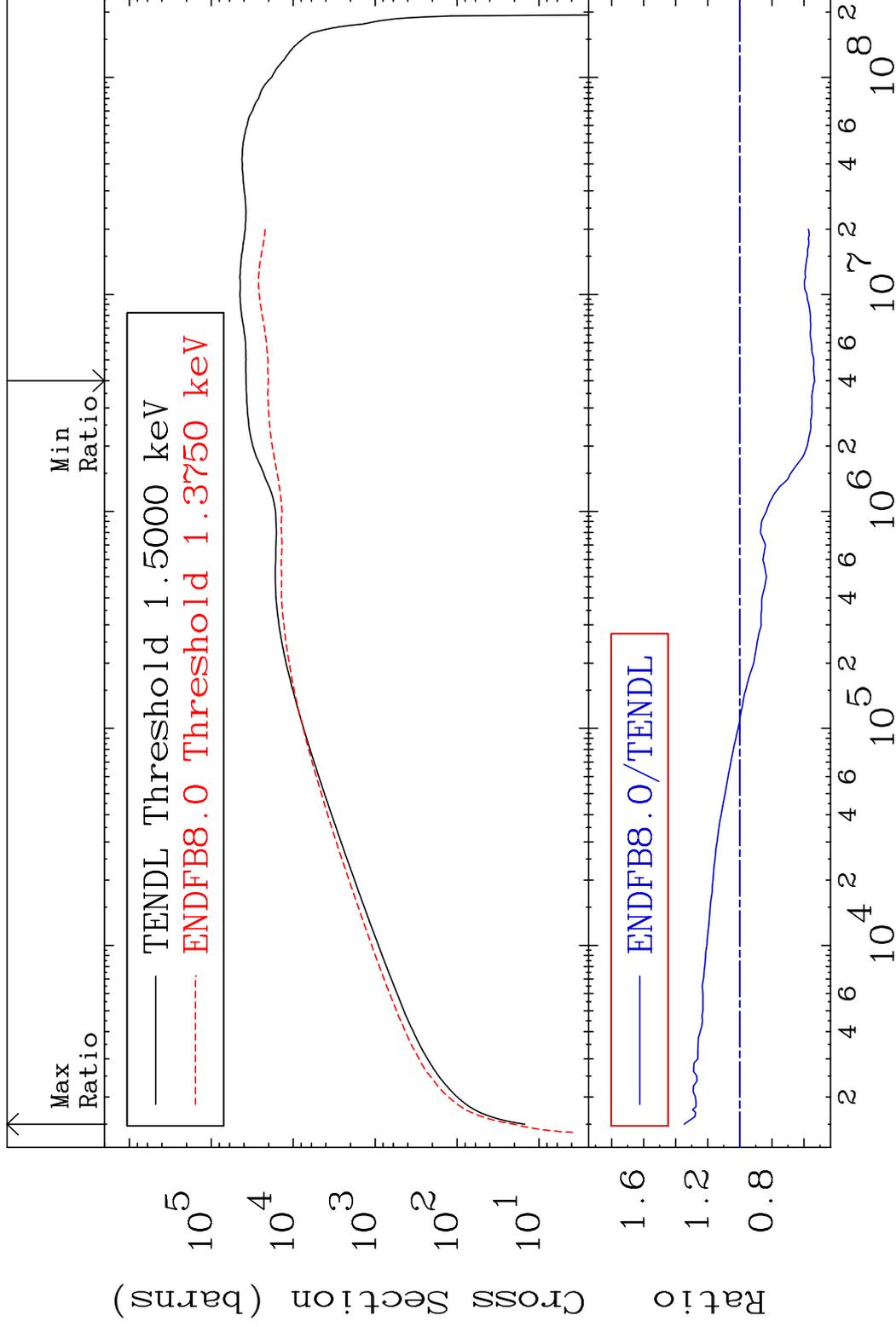
89-Ac-227

MAT 8931

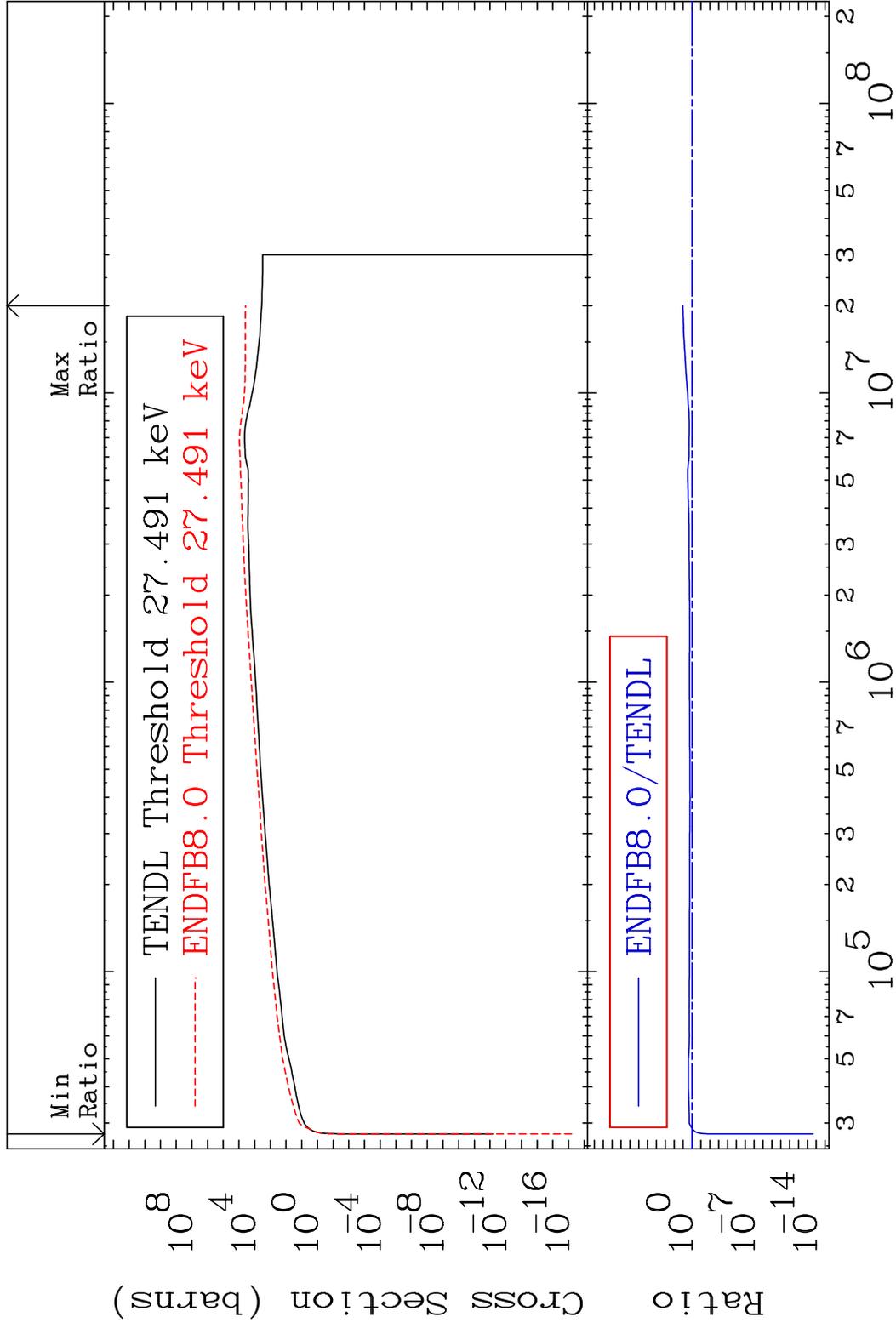
Dpa elastic (mt2)

89-Ac-227

Cross Section -46.71 To 34.74 %



MAT 8931      Dpa inelastic (mt51-91)      89-Ac-227  
 Cross Section    -100.0 To 974.2 %



40      Incident Energy (eV)      89-Ac-227

MAT 8931 Dpa disappearance (mt102 -120) 89-Ac-227  
 Cross Section -100.0 To 7860. %

