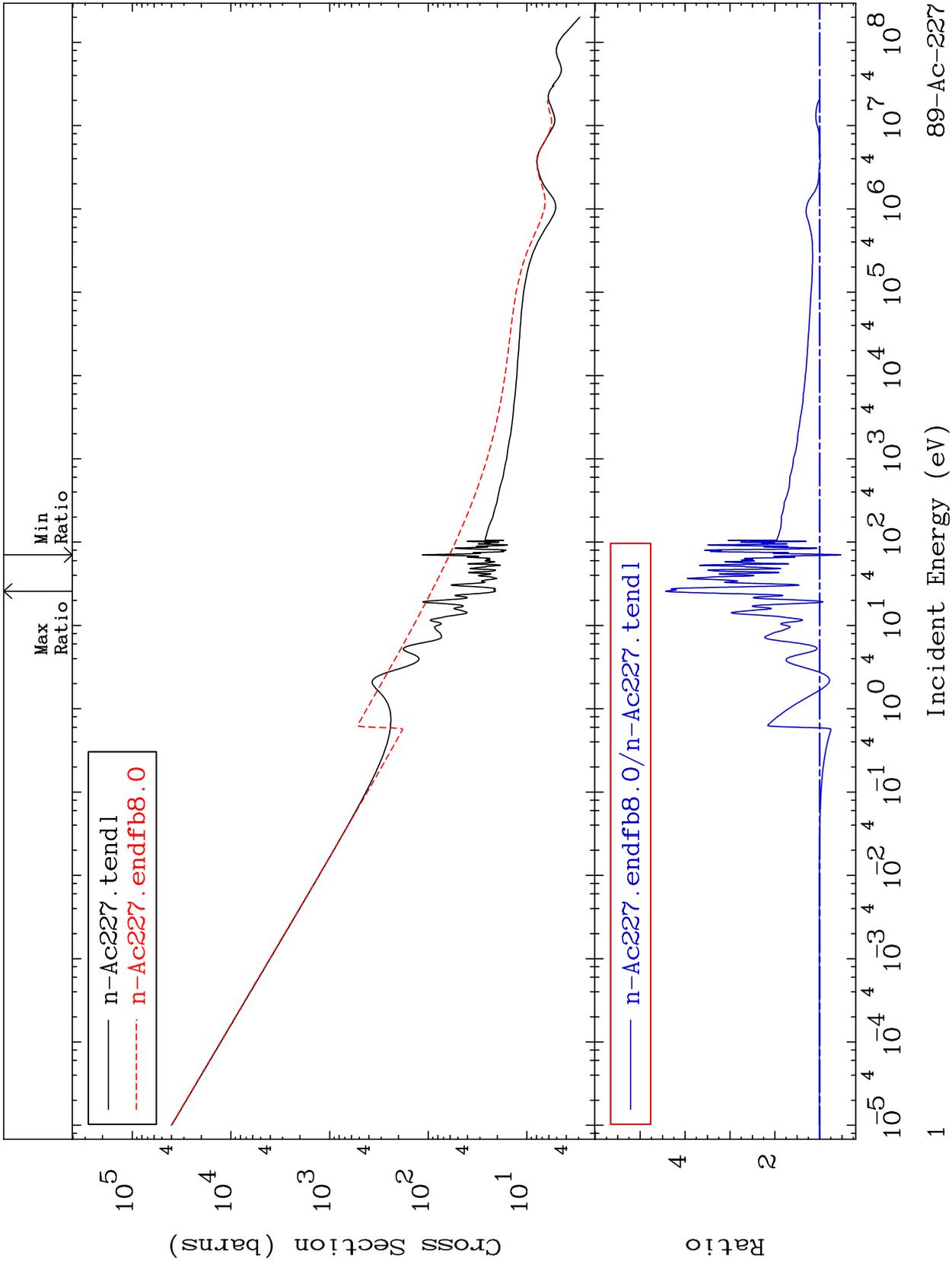


MAT 8931

Total Cross Section  
89-Ac-227  
-47.13 To 343.5 %



89-Ac-227

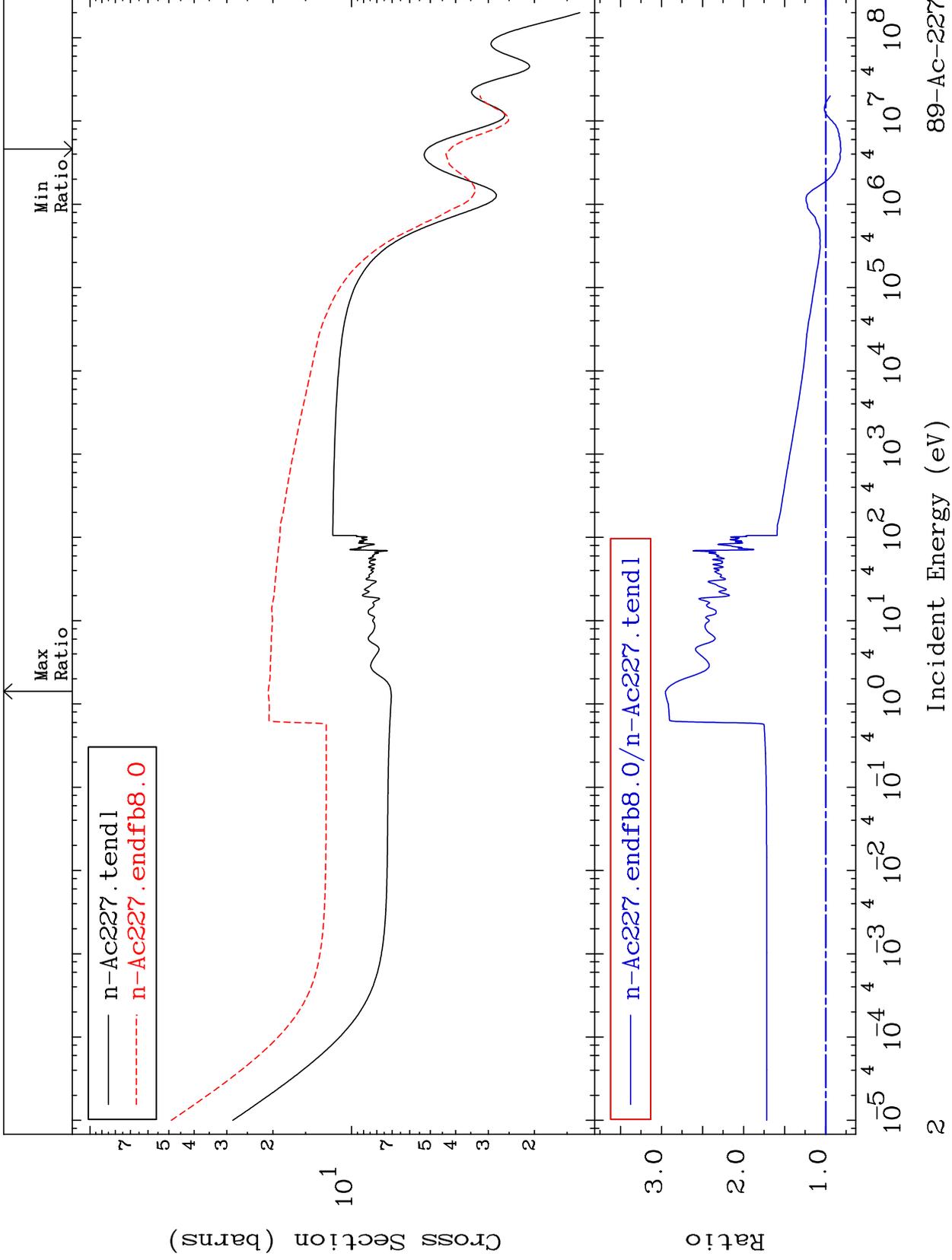
MAT 8931

Elastic

89-Ac-227

Cross Section

-18.52 To 195.1 %

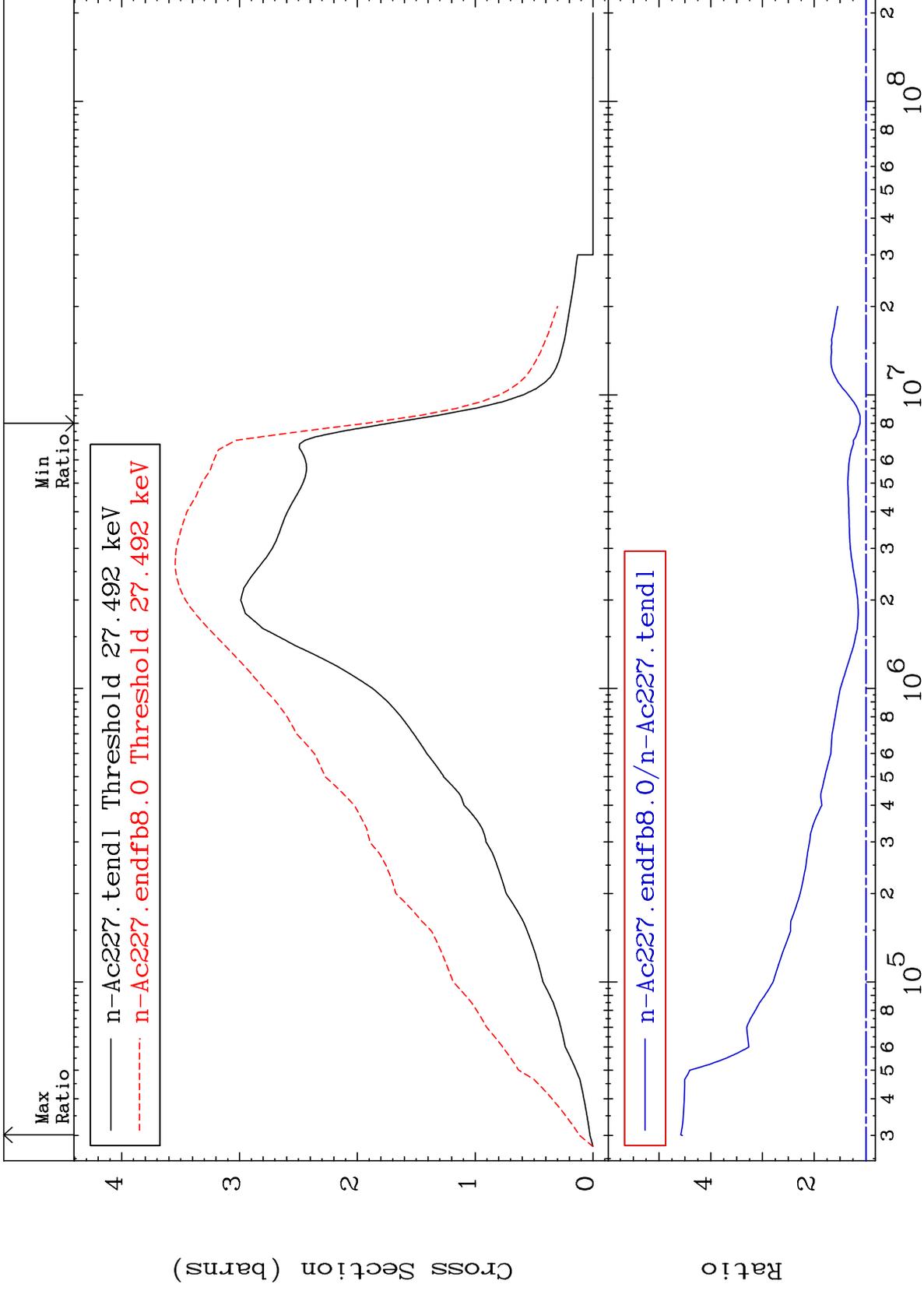


89-Ac-227

MAT 8931

Inelastic  
Cross Section

89-Ac-227  
11.12 To 358.0 %

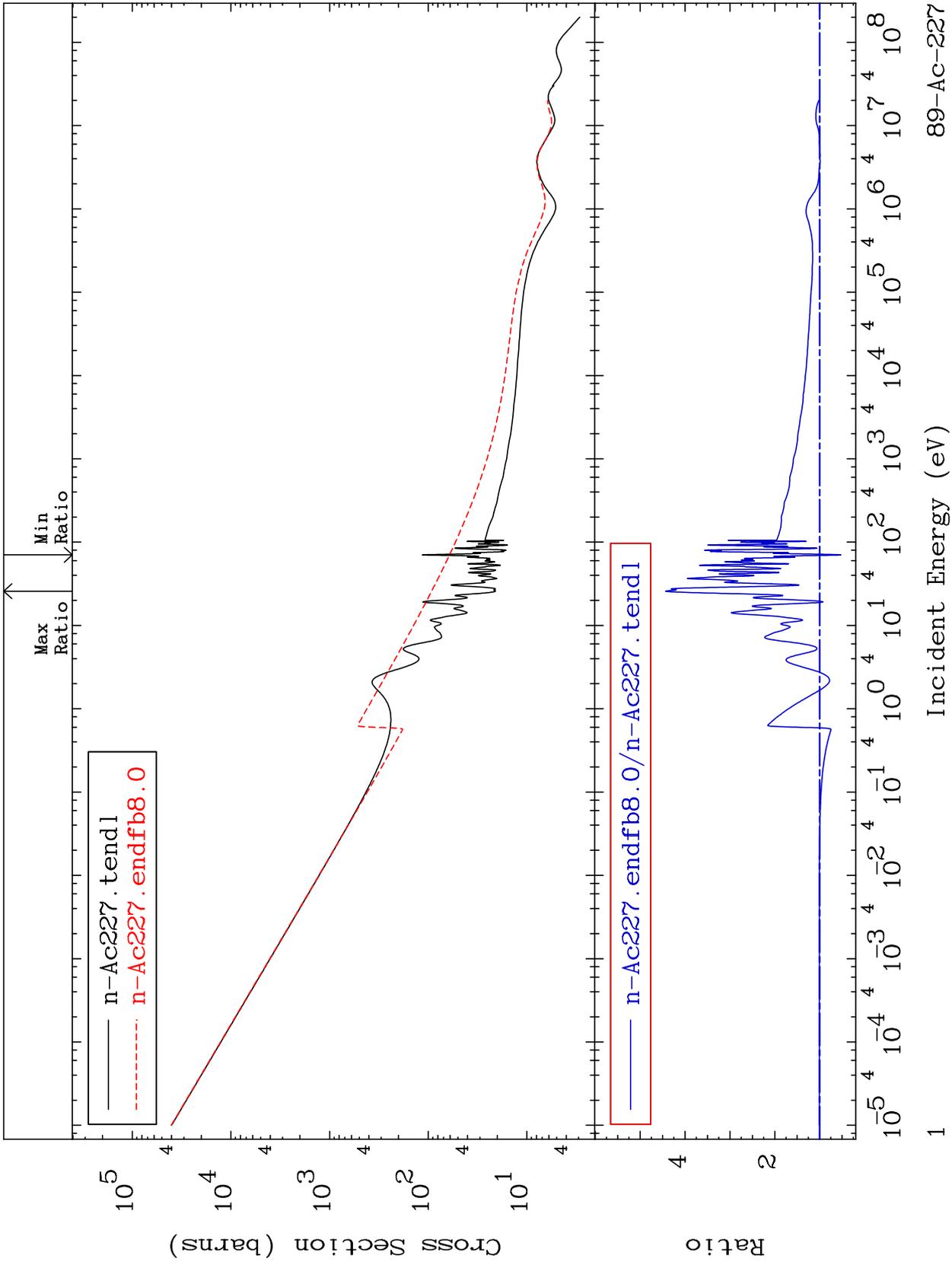


3

89-Ac-227

MAT 8931

Total Cross Section  
89-Ac-227  
-47.13 To 343.5 %



89-Ac-227

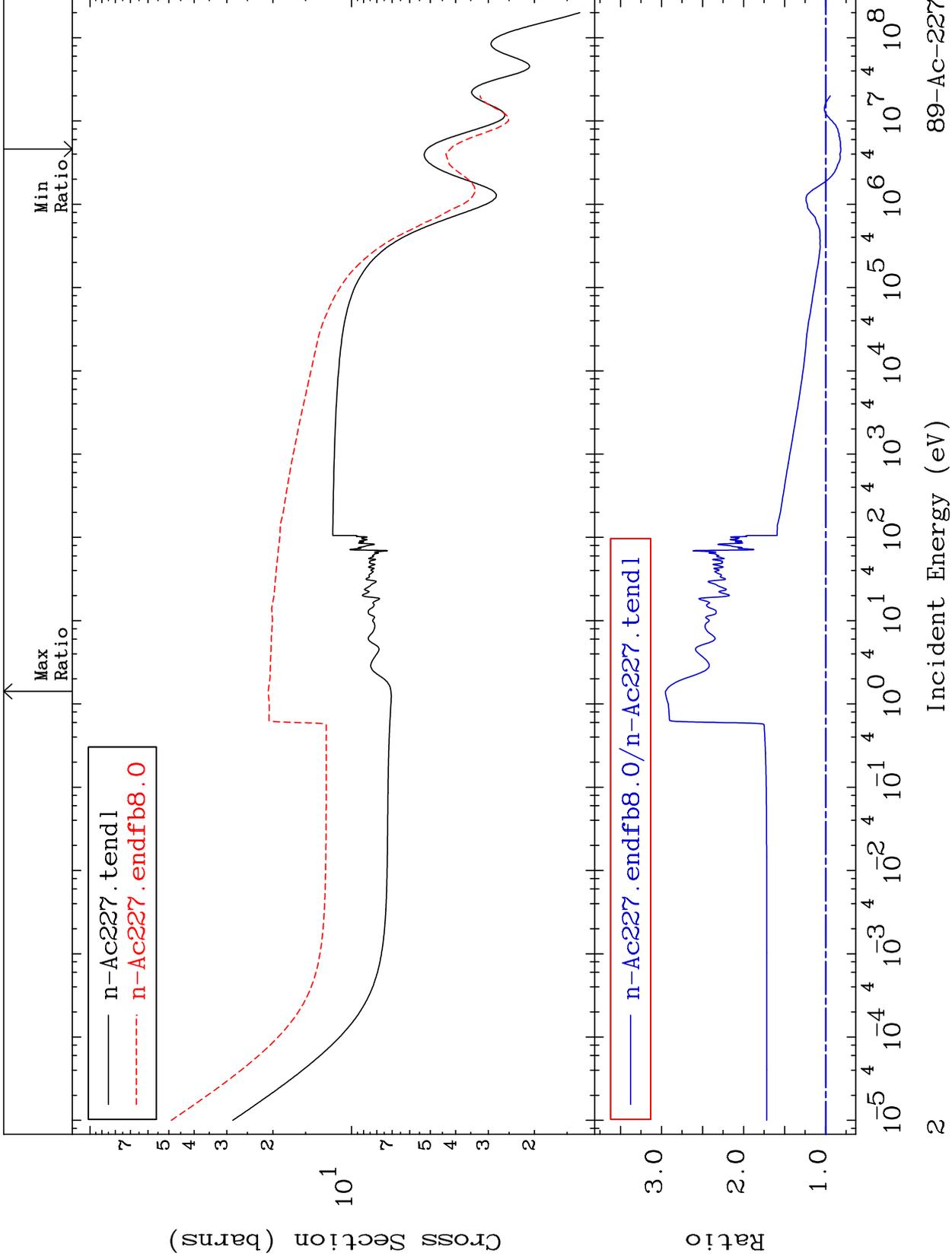
MAT 8931

Elastic

89-Ac-227

Cross Section

-18.52 To 195.1 %



89-Ac-227

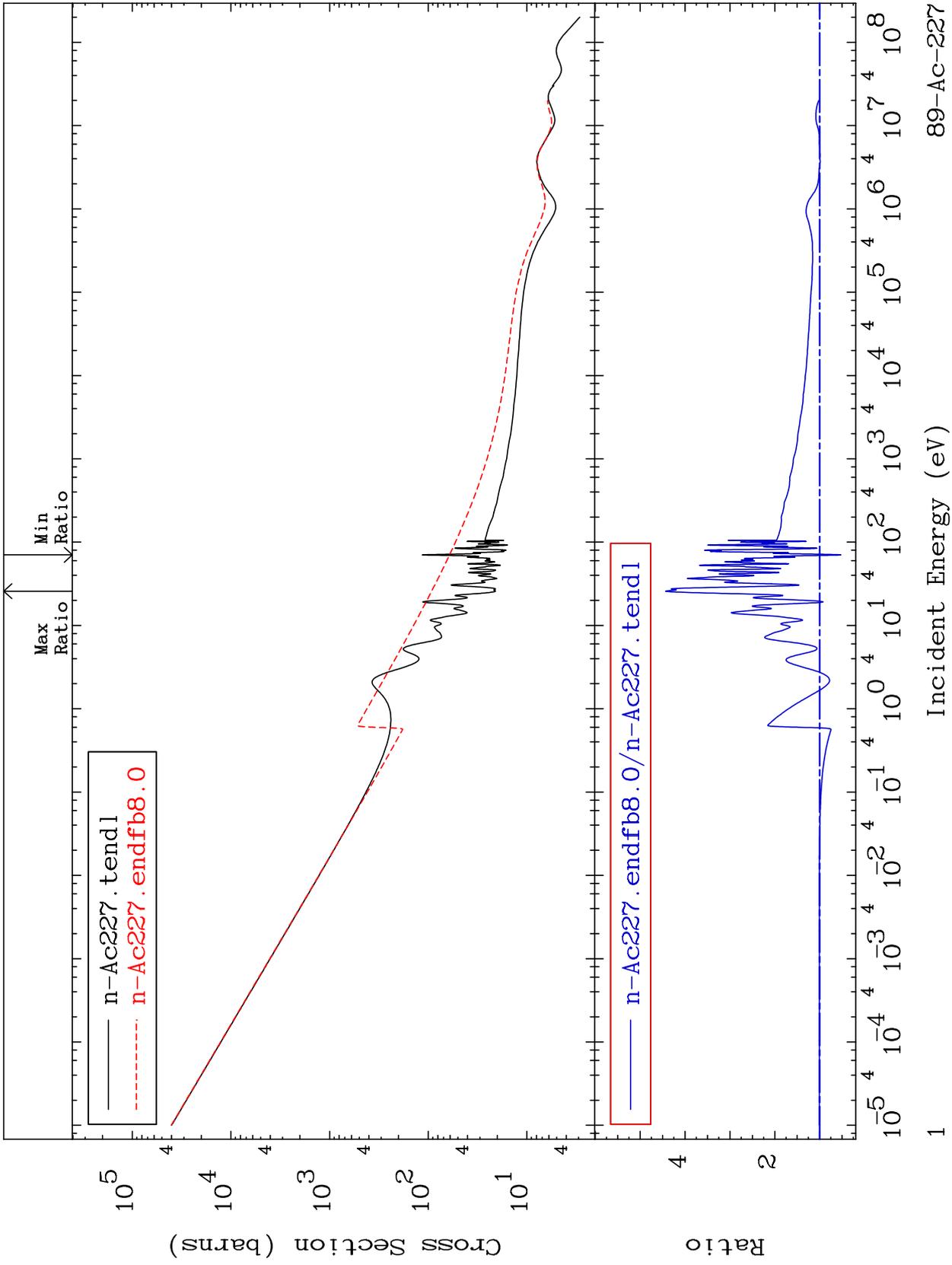
Incident Energy (eV)

2



MAT 8931

Total Cross Section  
89-Ac-227  
-47.13 To 343.5 %



89-Ac-227

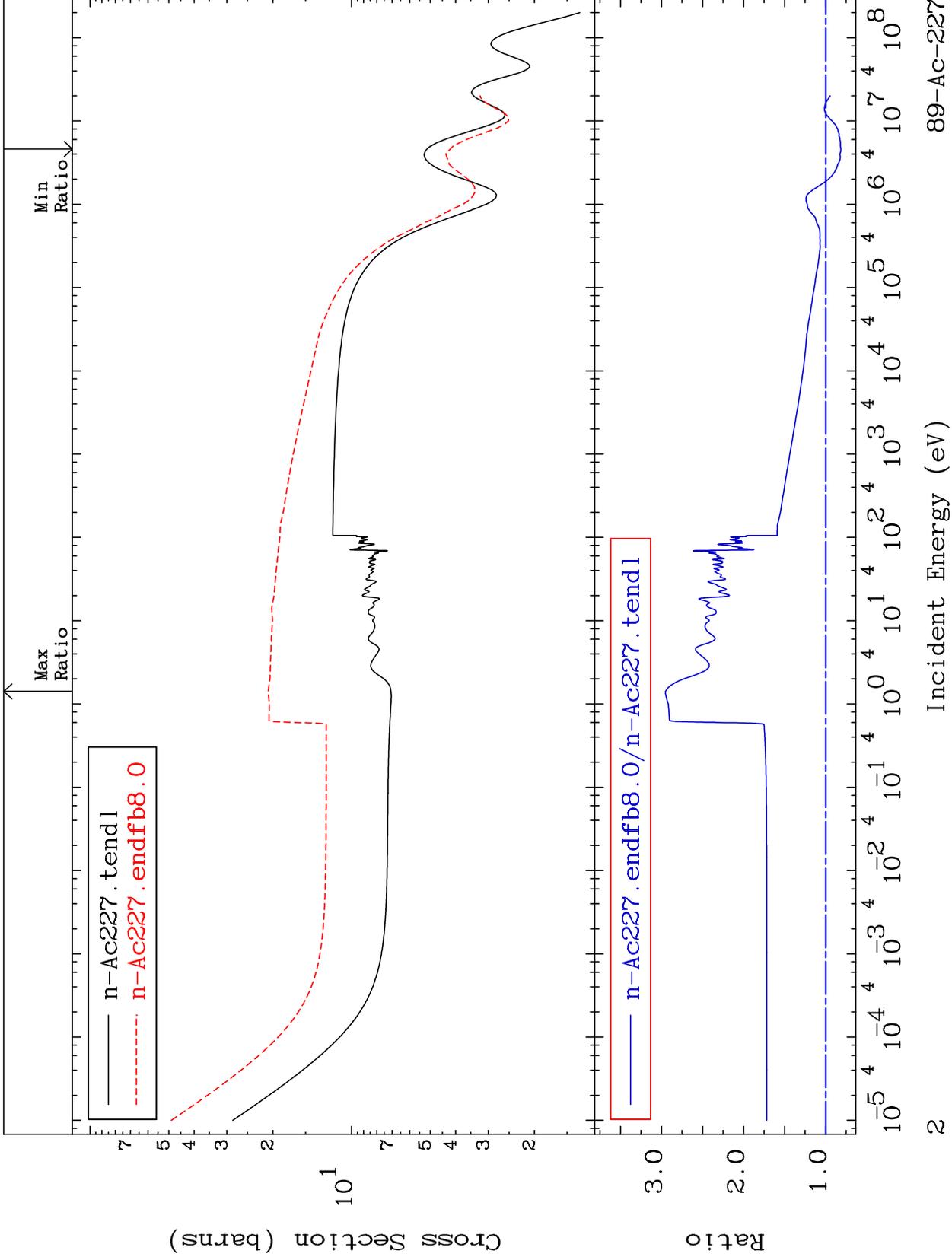
MAT 8931

Elastic

89-Ac-227

Cross Section

-18.52 To 195.1 %



89-Ac-227

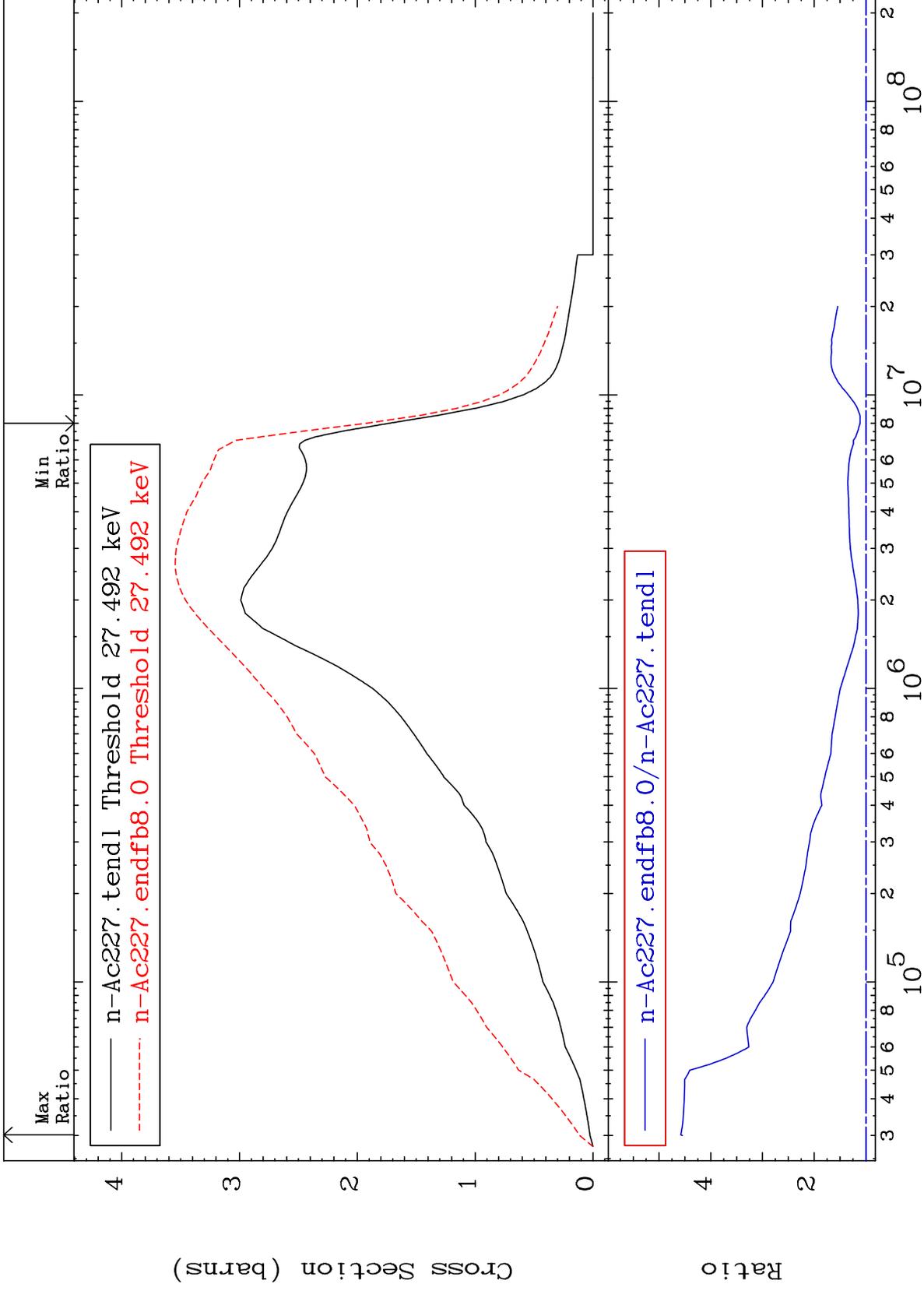
Incident Energy (eV)

2

MAT 8931

Inelastic  
Cross Section

89-Ac-227  
11.12 To 358.0 %



3

89-Ac-227

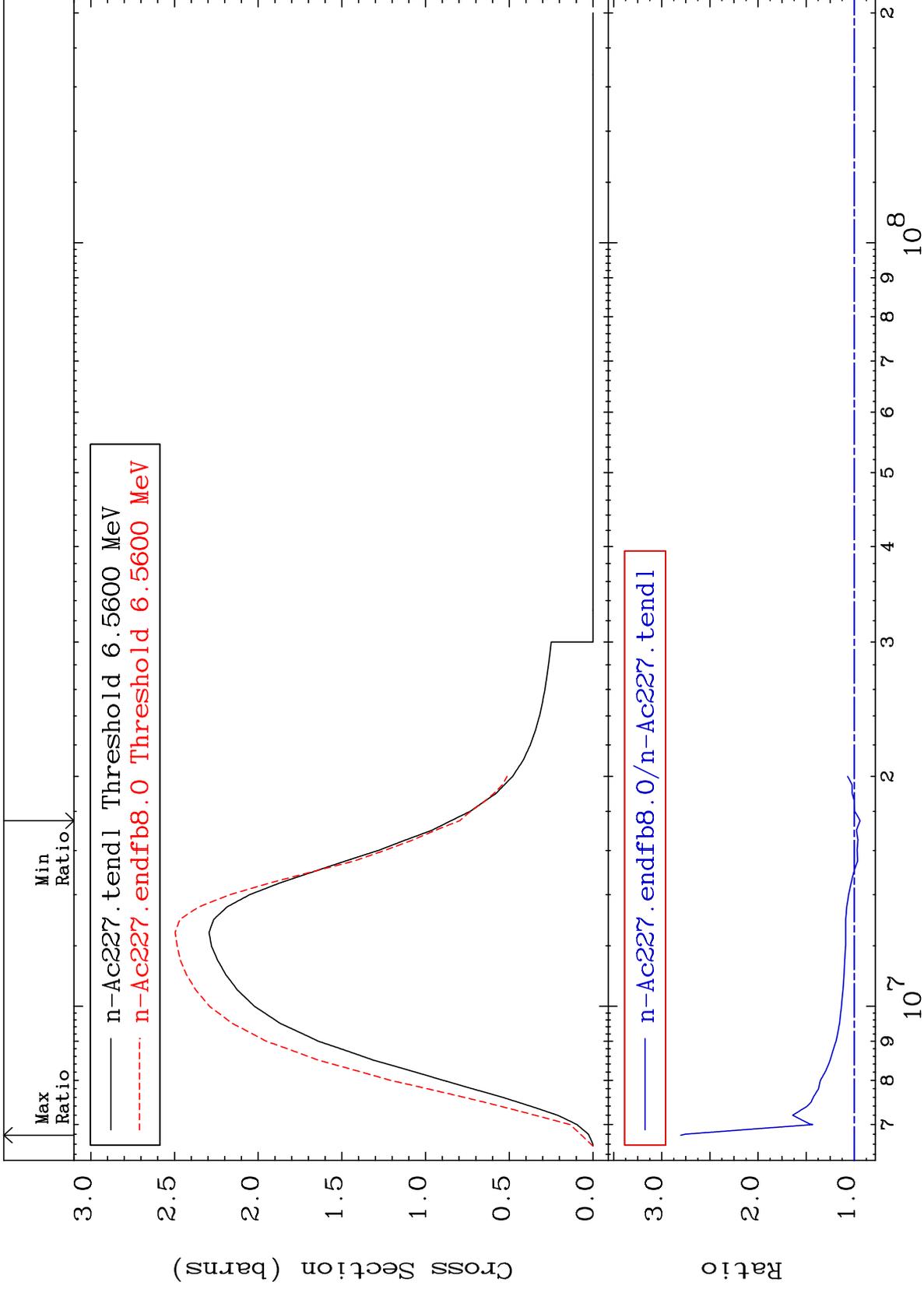
MAT 8931

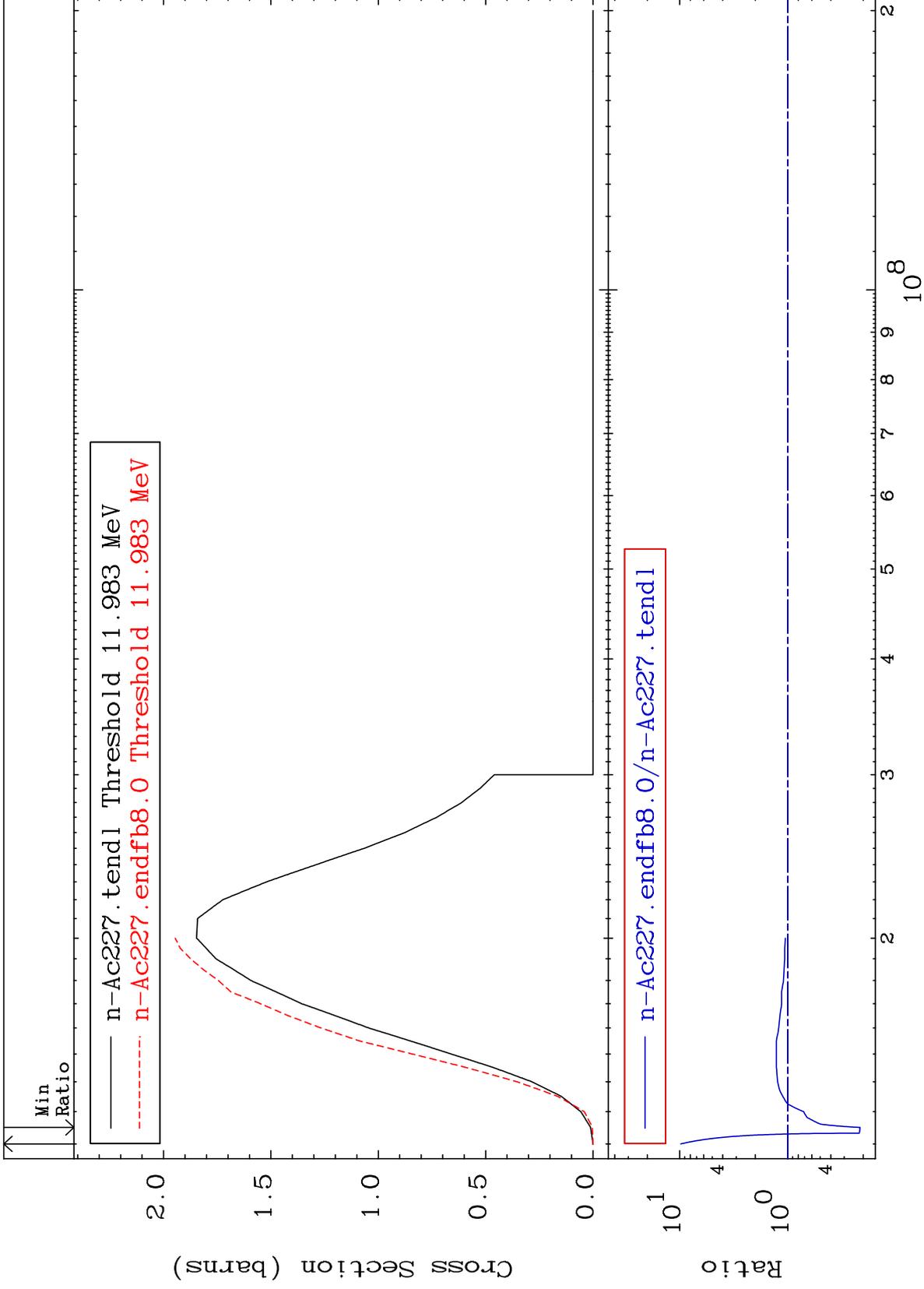
(n,2n)

89-Ac-227

Cross Section

-6.075 To 180.3 %

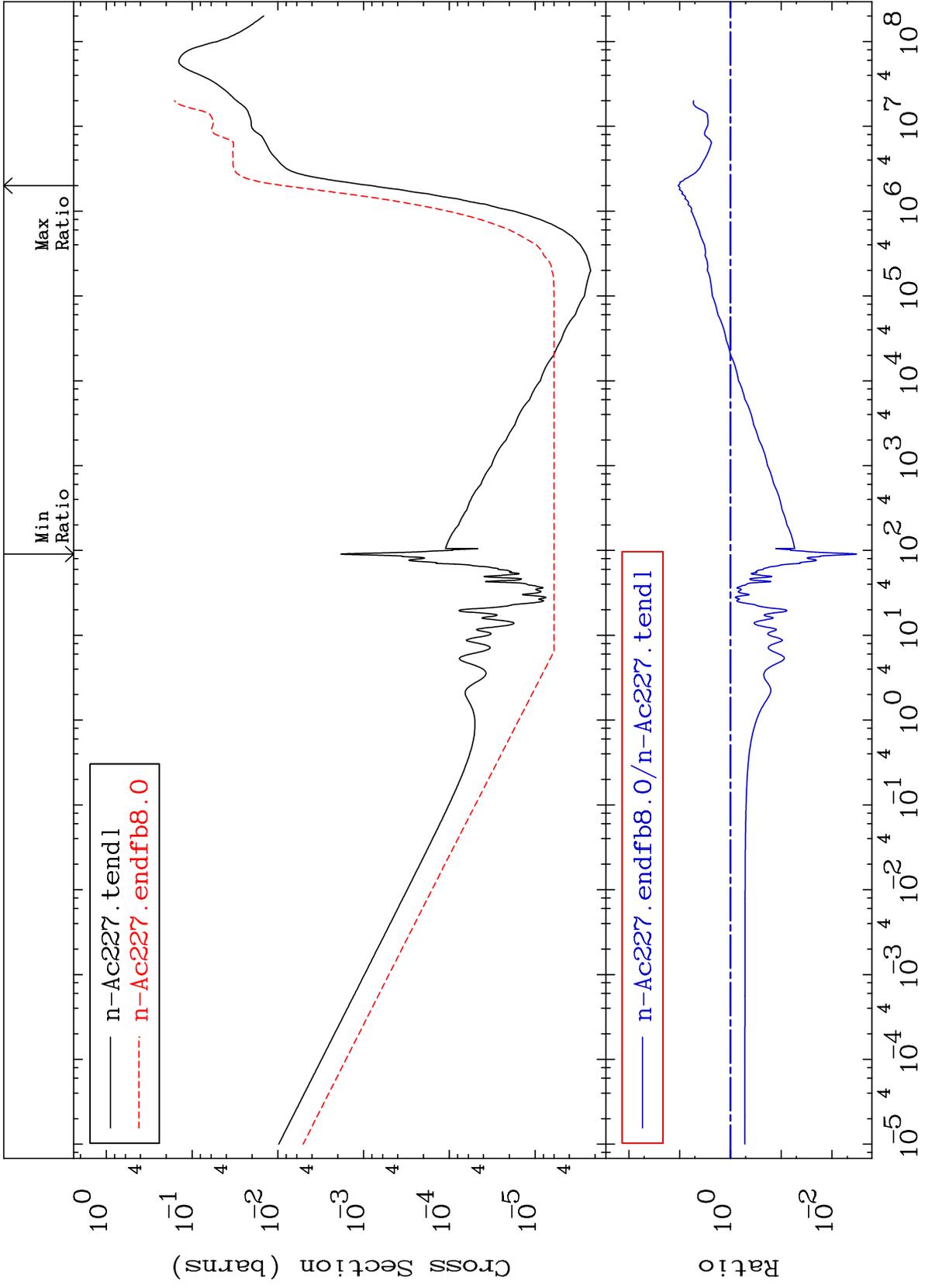




MAT 8931

Fission  
Cross Section

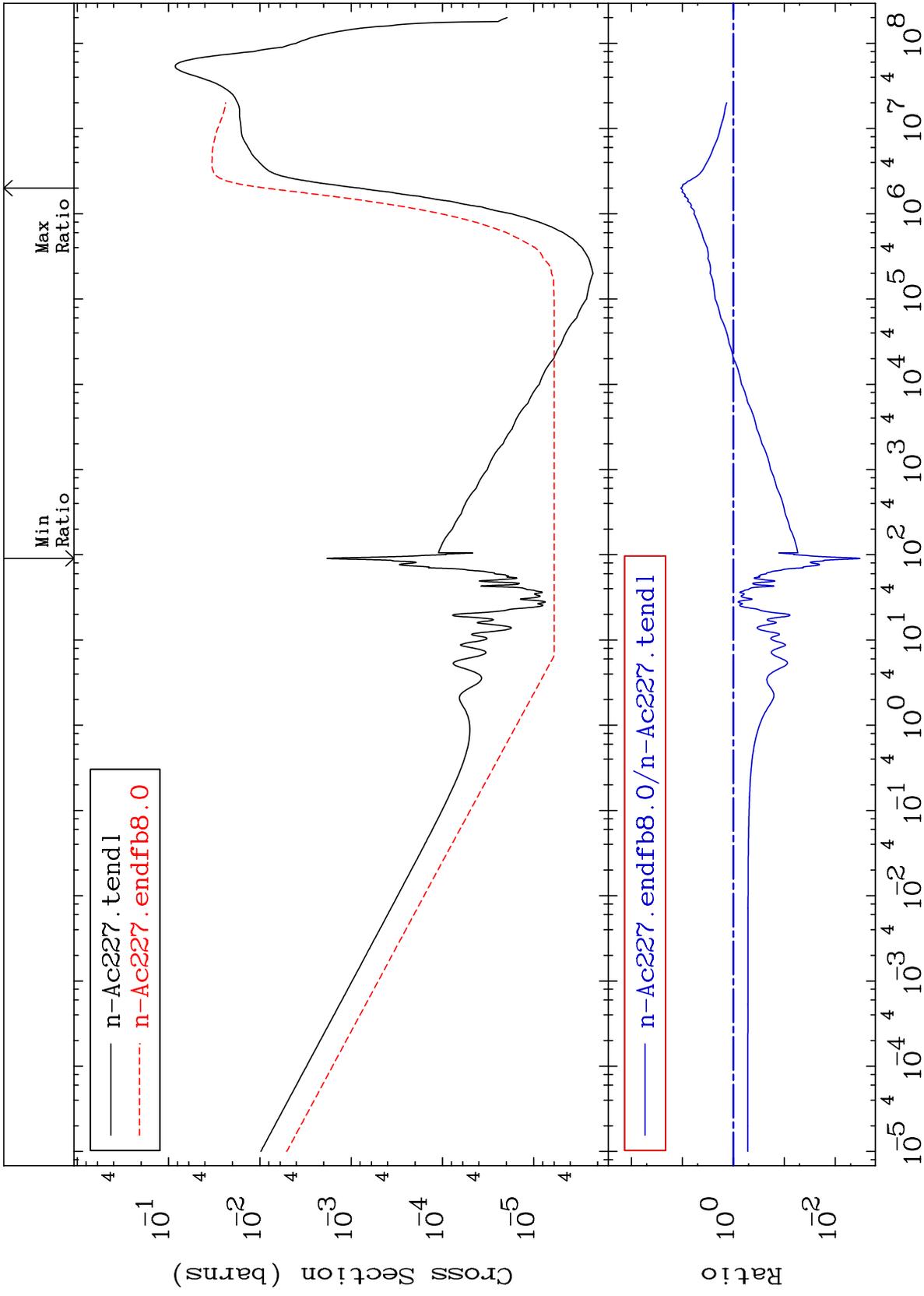
89-Ac-227  
-99.67 To 974.9 %



MAT 8931

(n, f) First Chance  
Cross Section

89-Ac-227  
-99.67 To 974.9 %



Incident Energy (eV)

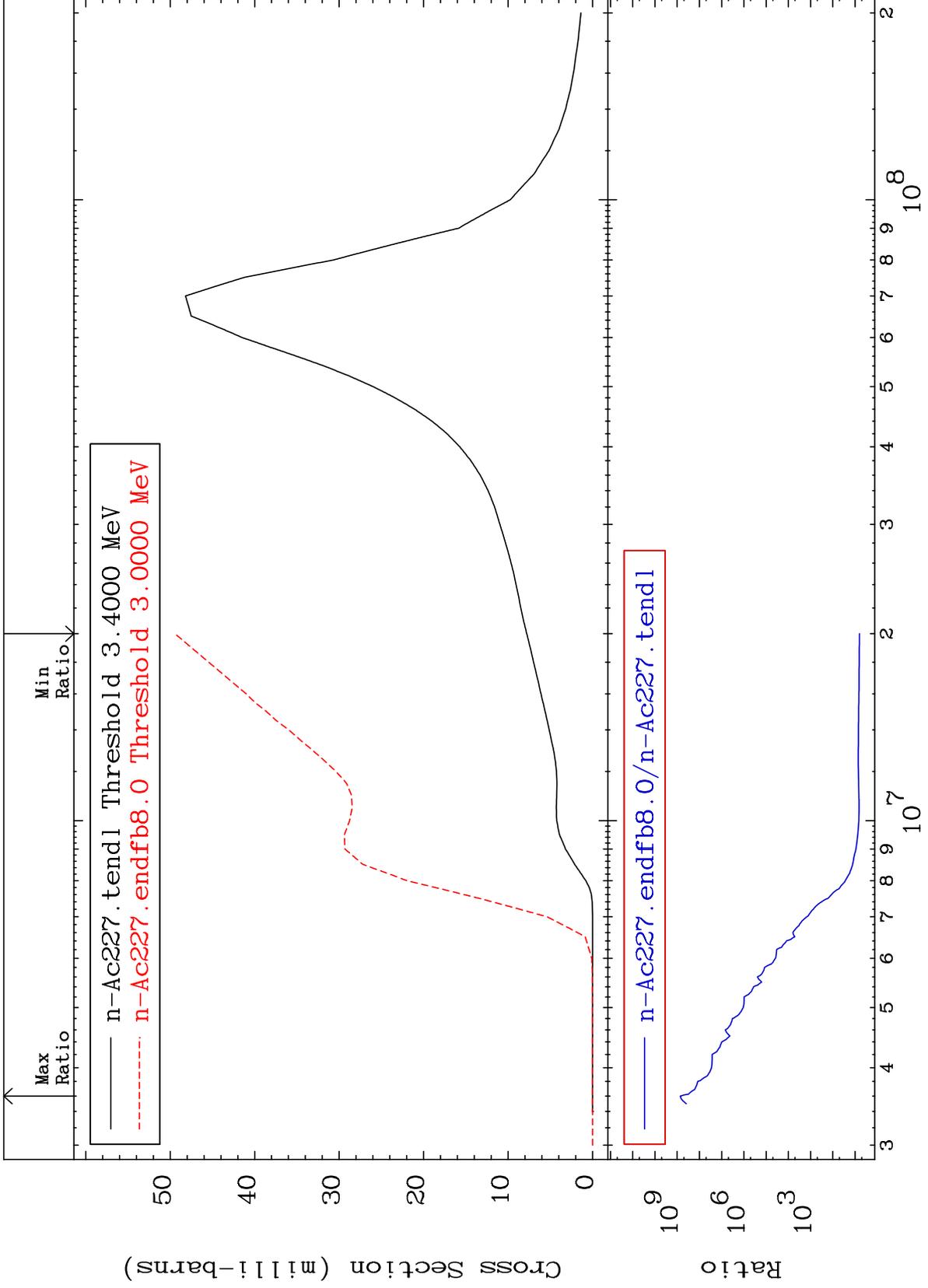
89-Ac-227

7

MAT 8931

(n, nf) Second Chance  
Cross Section

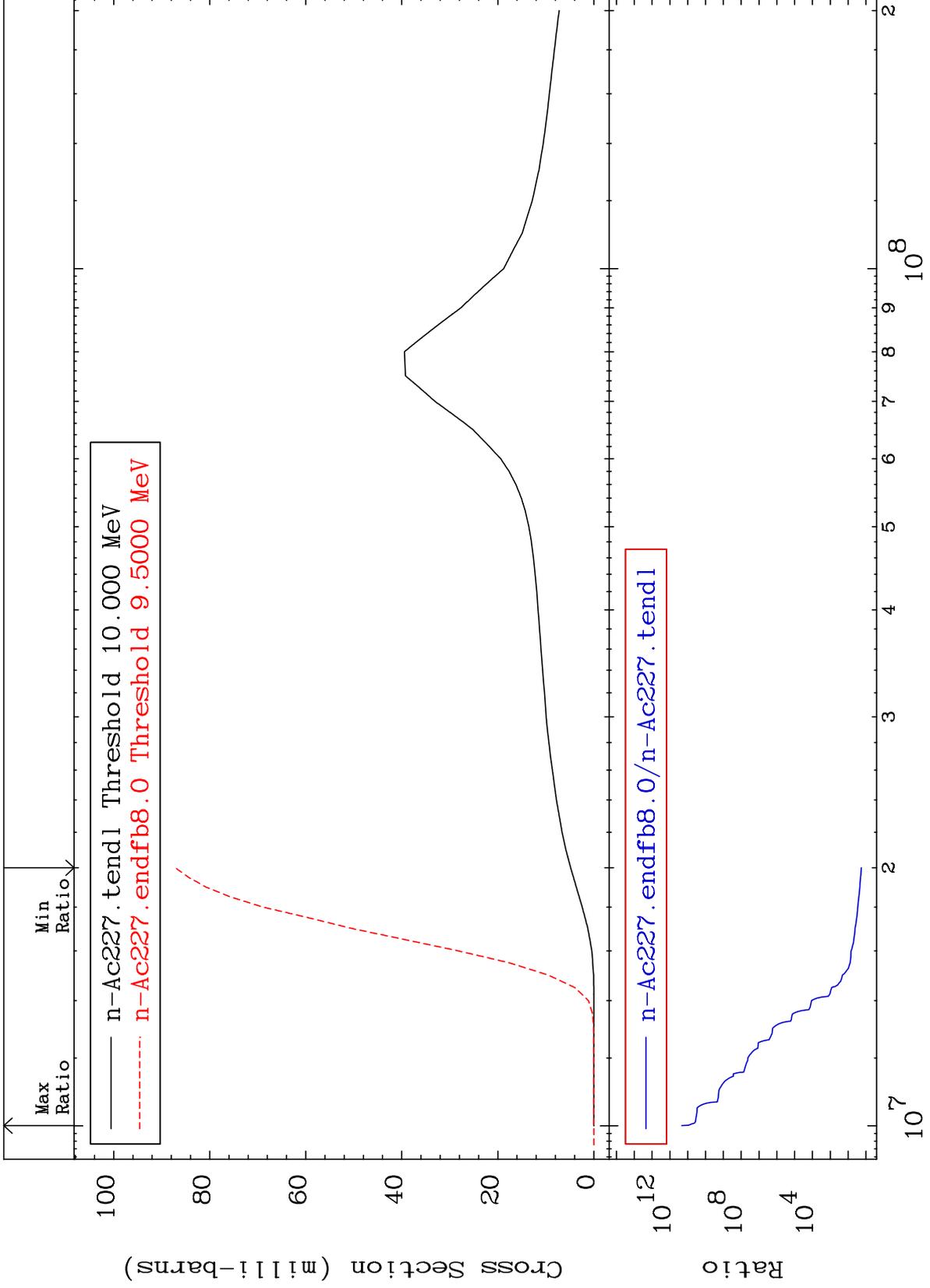
89-Ac-227  
534.6 To 9999. %



MAT 8931

(n,2nf) Third Chance  
Cross Section

89-Ac-227  
1708. To 9999. %



89-Ac-227

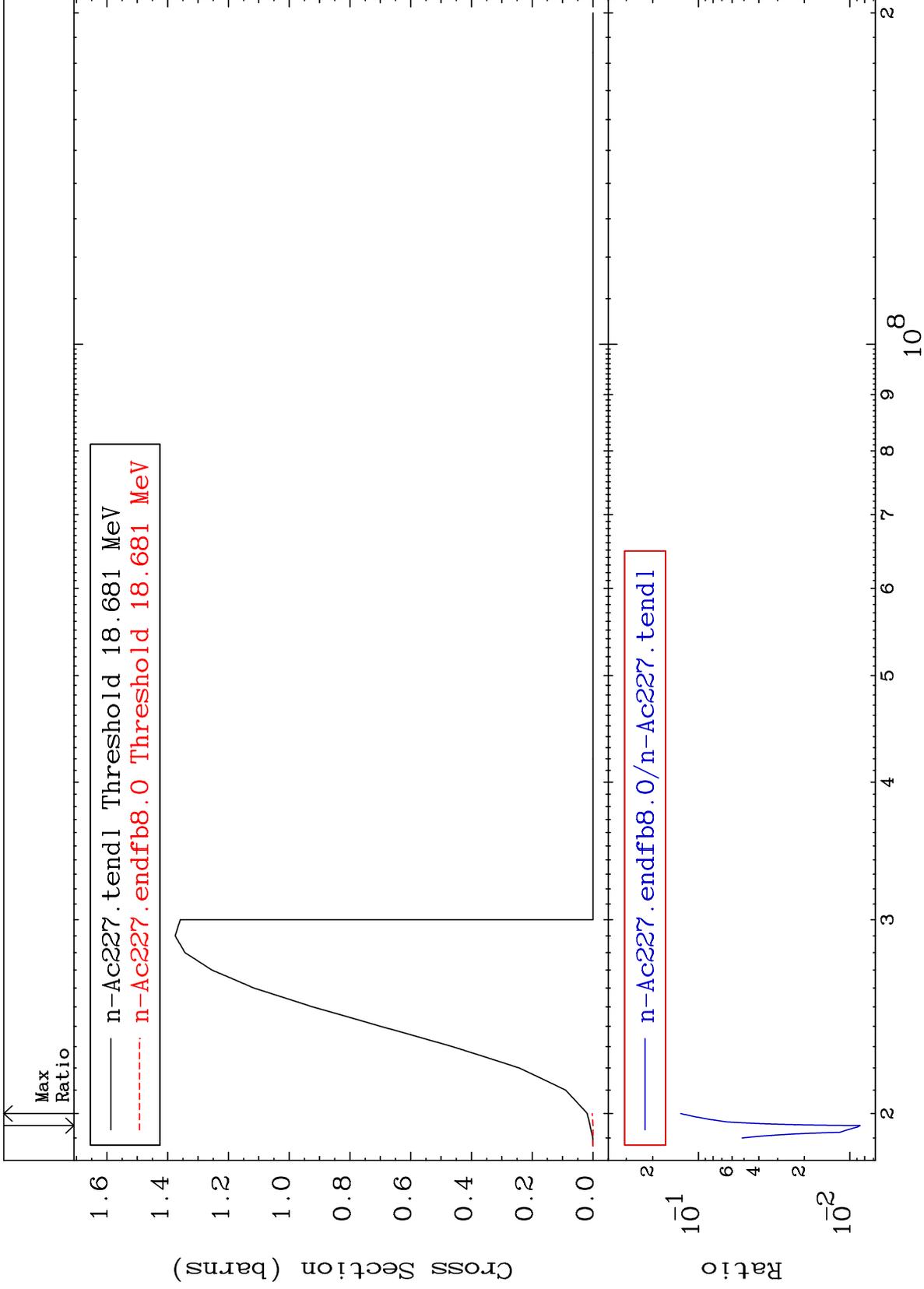
Incident Energy (eV)

9

MAT 8931

(n,4n)  
Cross Section

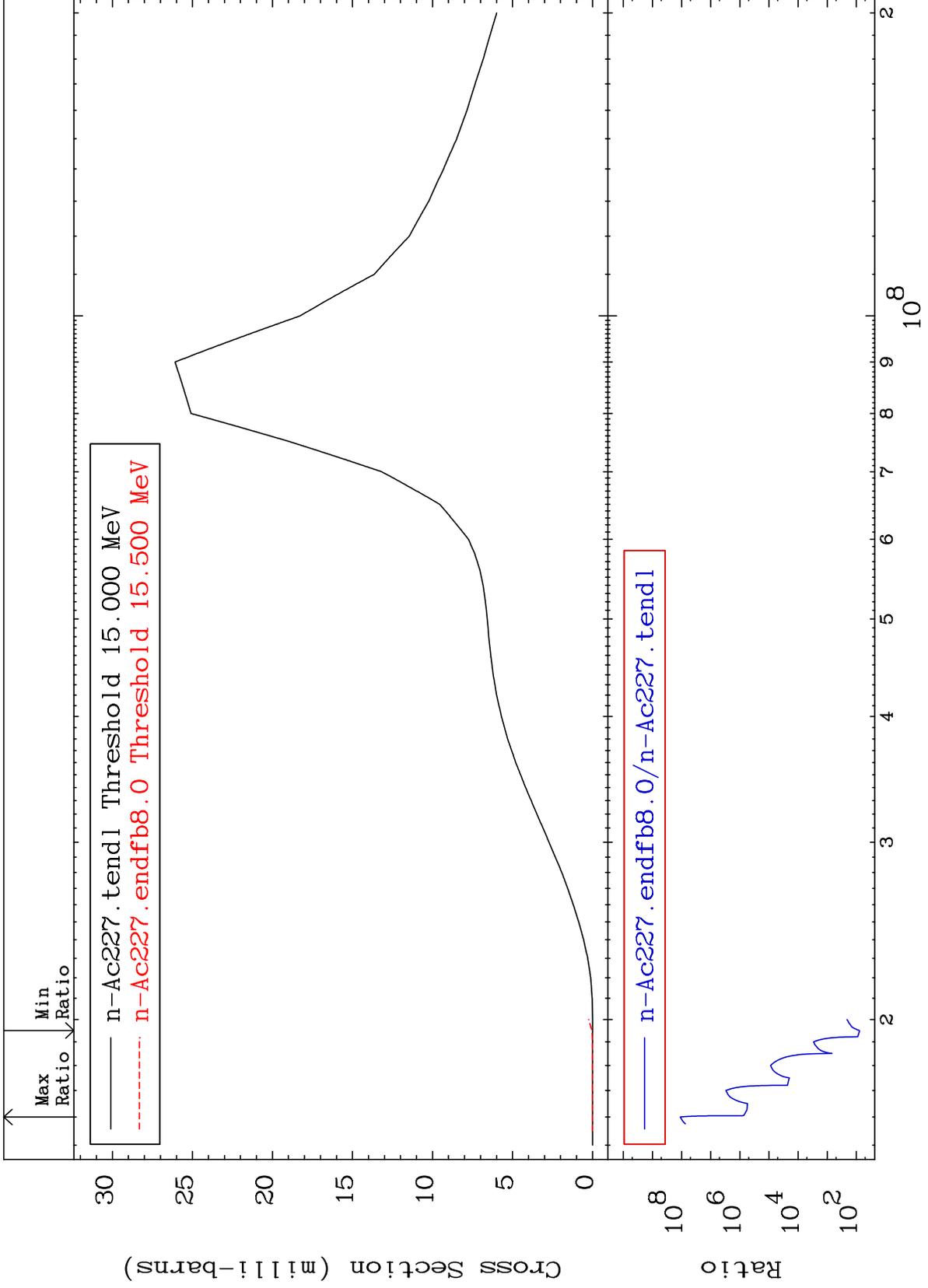
89-Ac-227  
-99.14 To -86.92%



10

Incident Energy (eV)

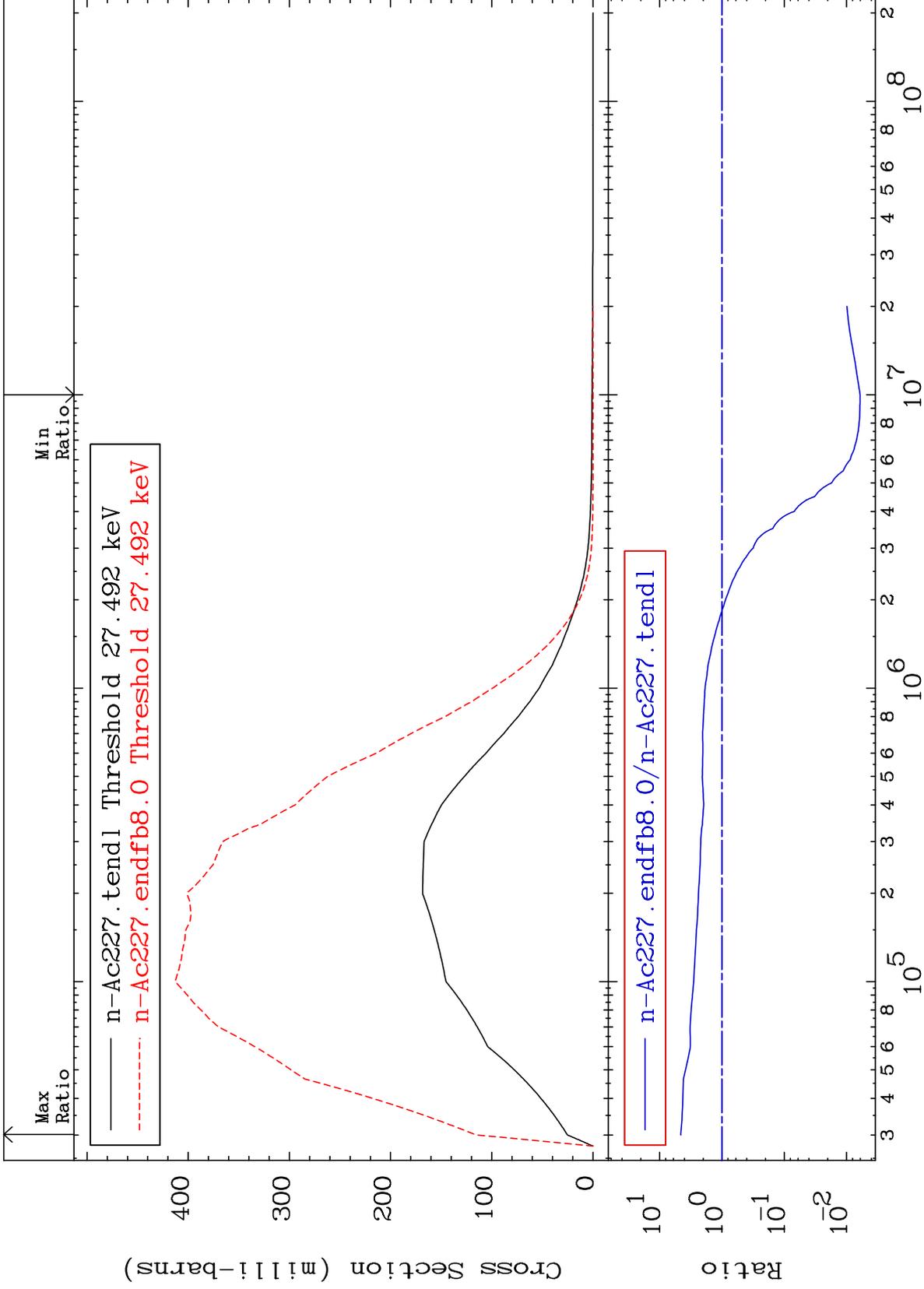
89-Ac-227



MAT 8931

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

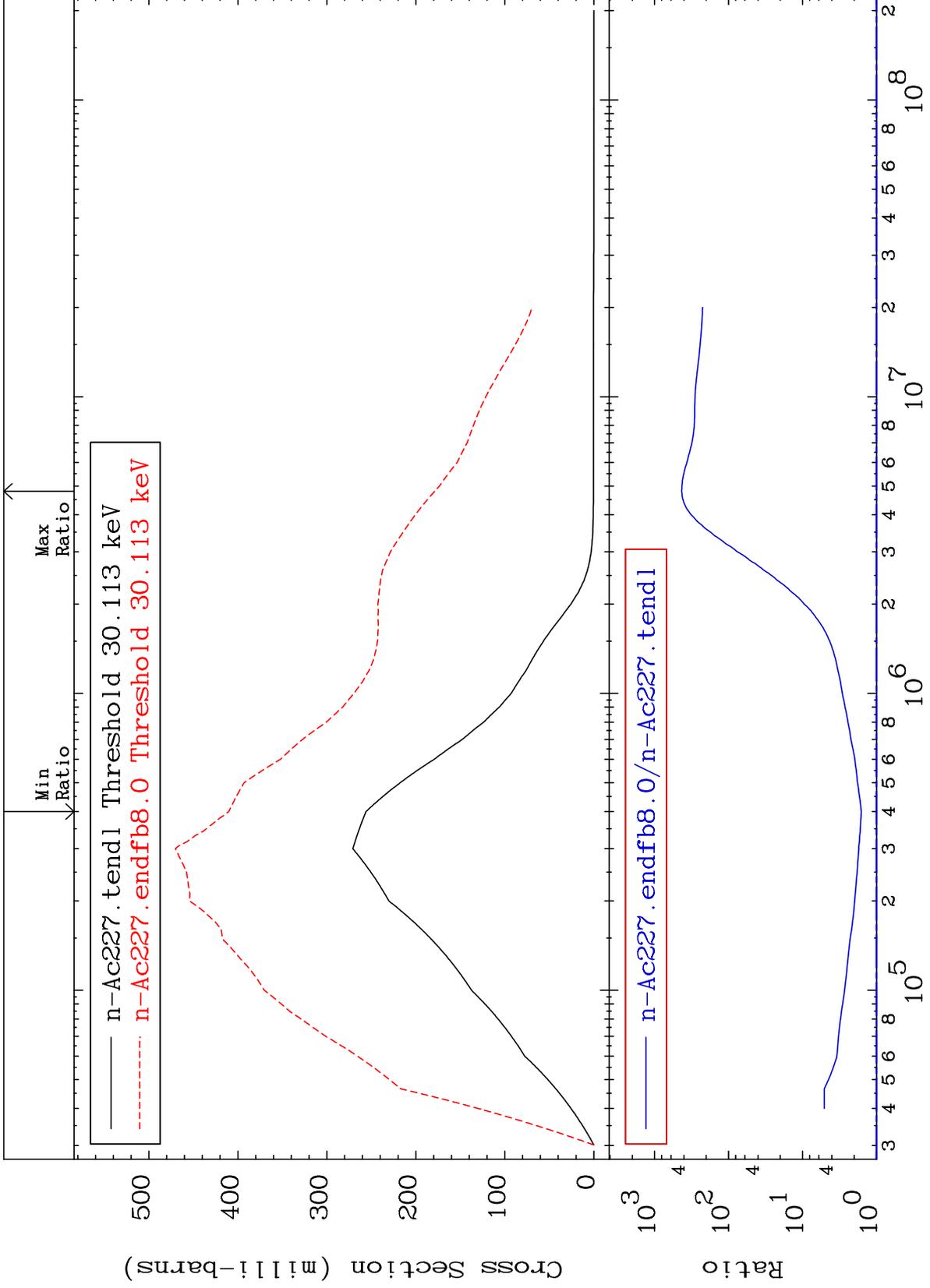
89-Ac-227  
-99.39 To 358.0 %



MAT 8931

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

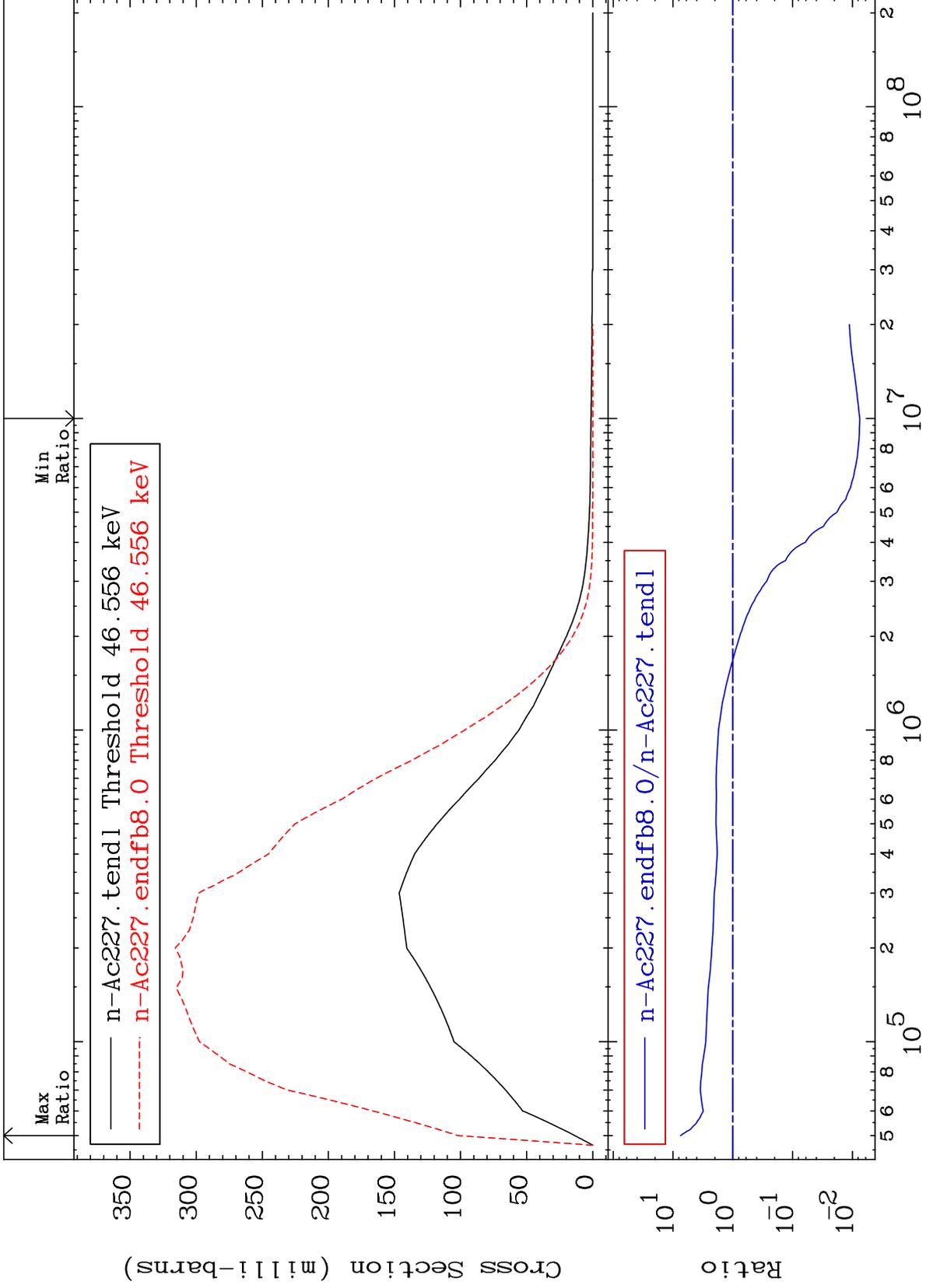
89-Ac-227  
60.20 To 9999. %



MAT 8931

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

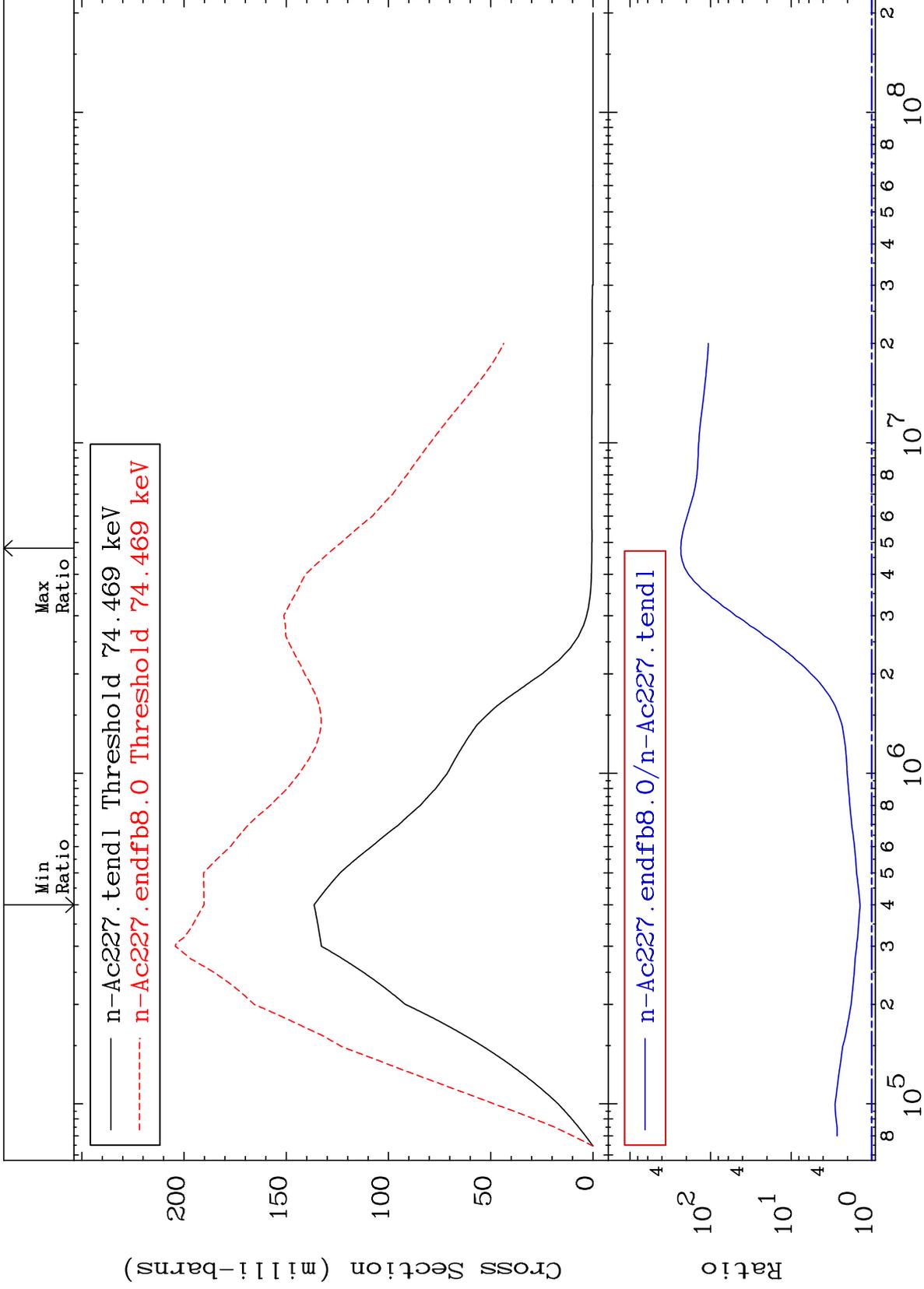
89-Ac-227  
-99.25 To 649.9 %



MAT 8931

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

89-Ac-227  
39.50 To 9999. %



15

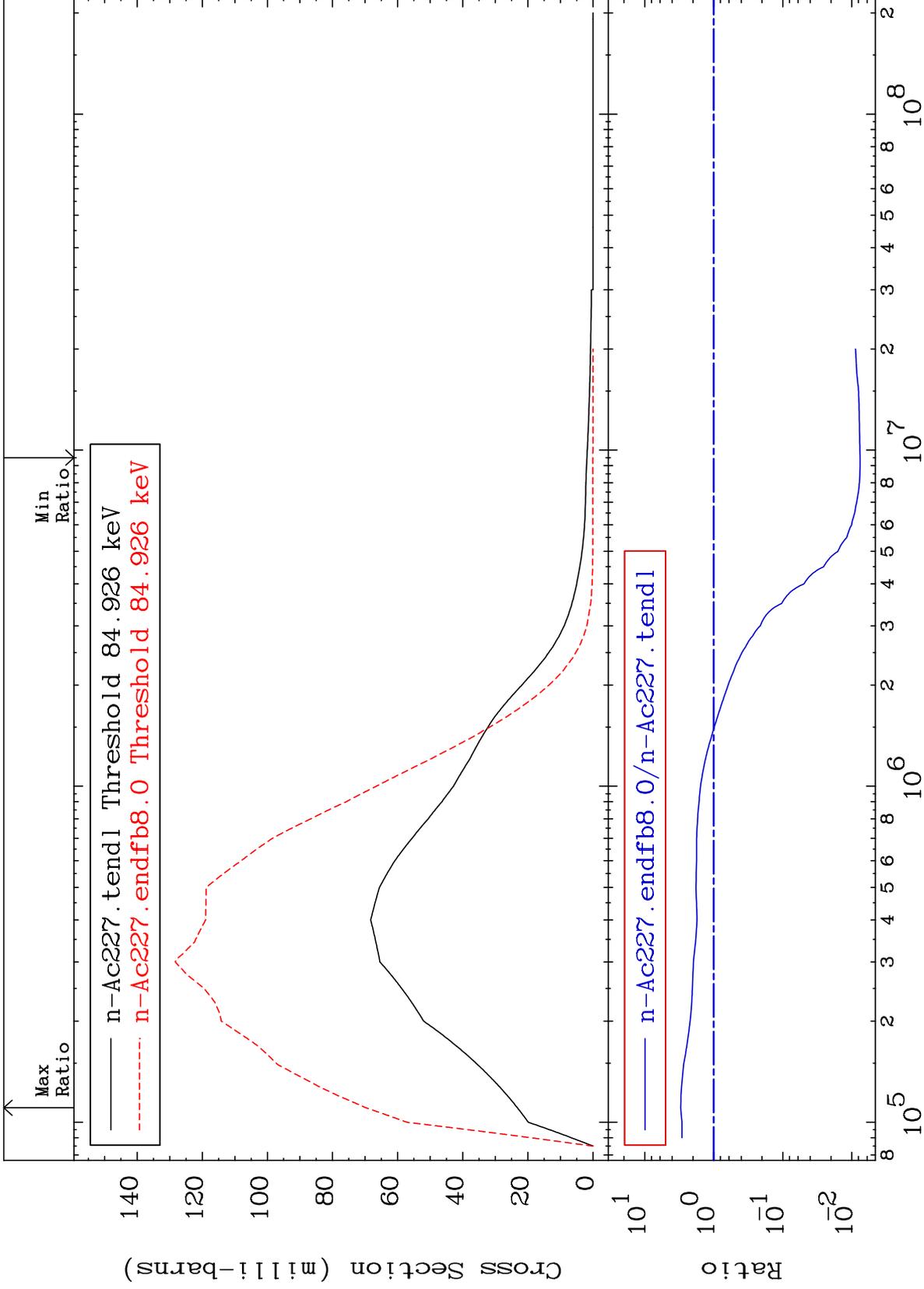
Incident Energy (eV)

89-Ac-227

MAT 8931

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

89-Ac-227  
-99.24 To 200.5 %



16

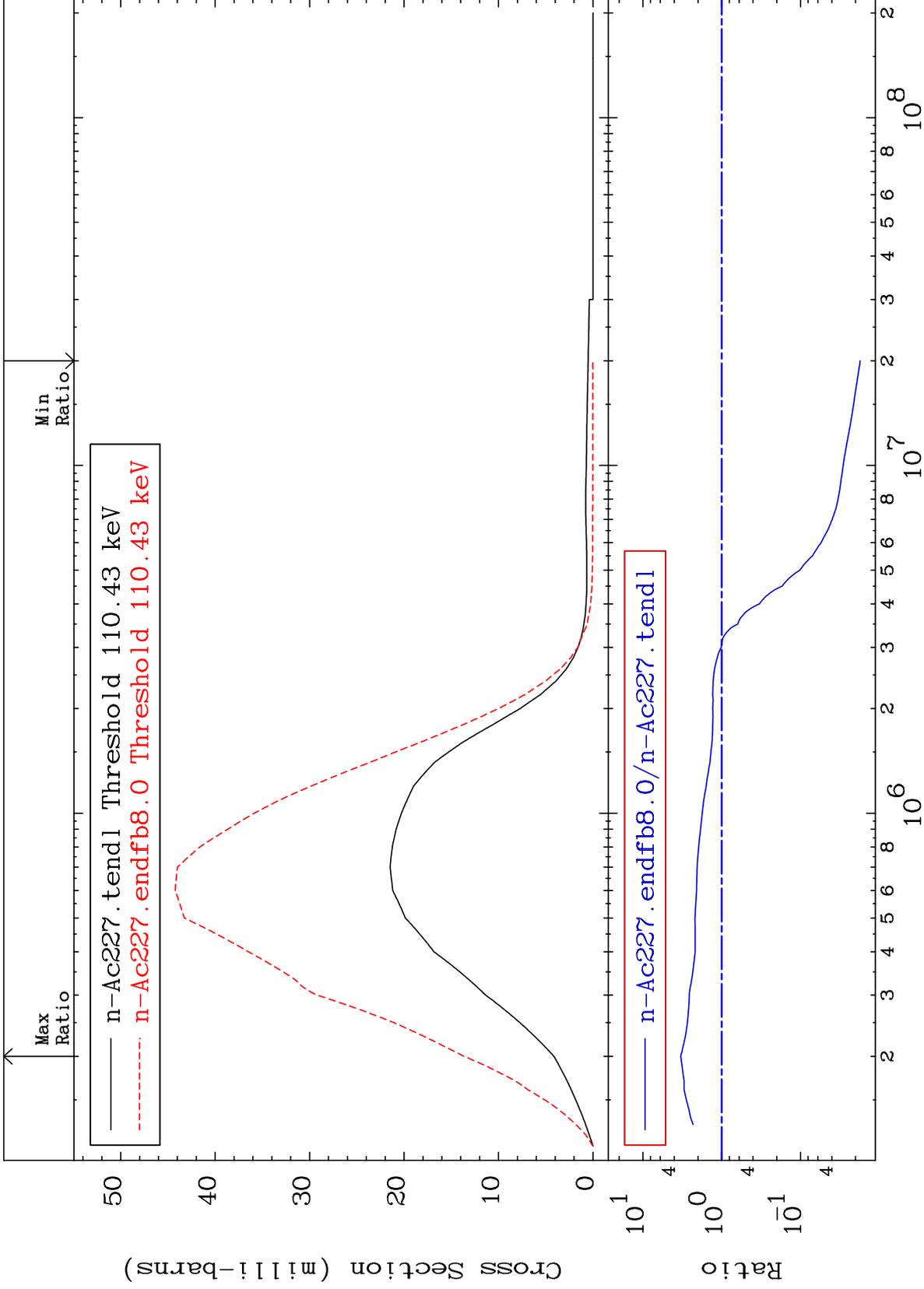
Incident Energy (eV)

89-Ac-227

MAT 8931

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

89-Ac-227  
-98.25 To 230.4 %



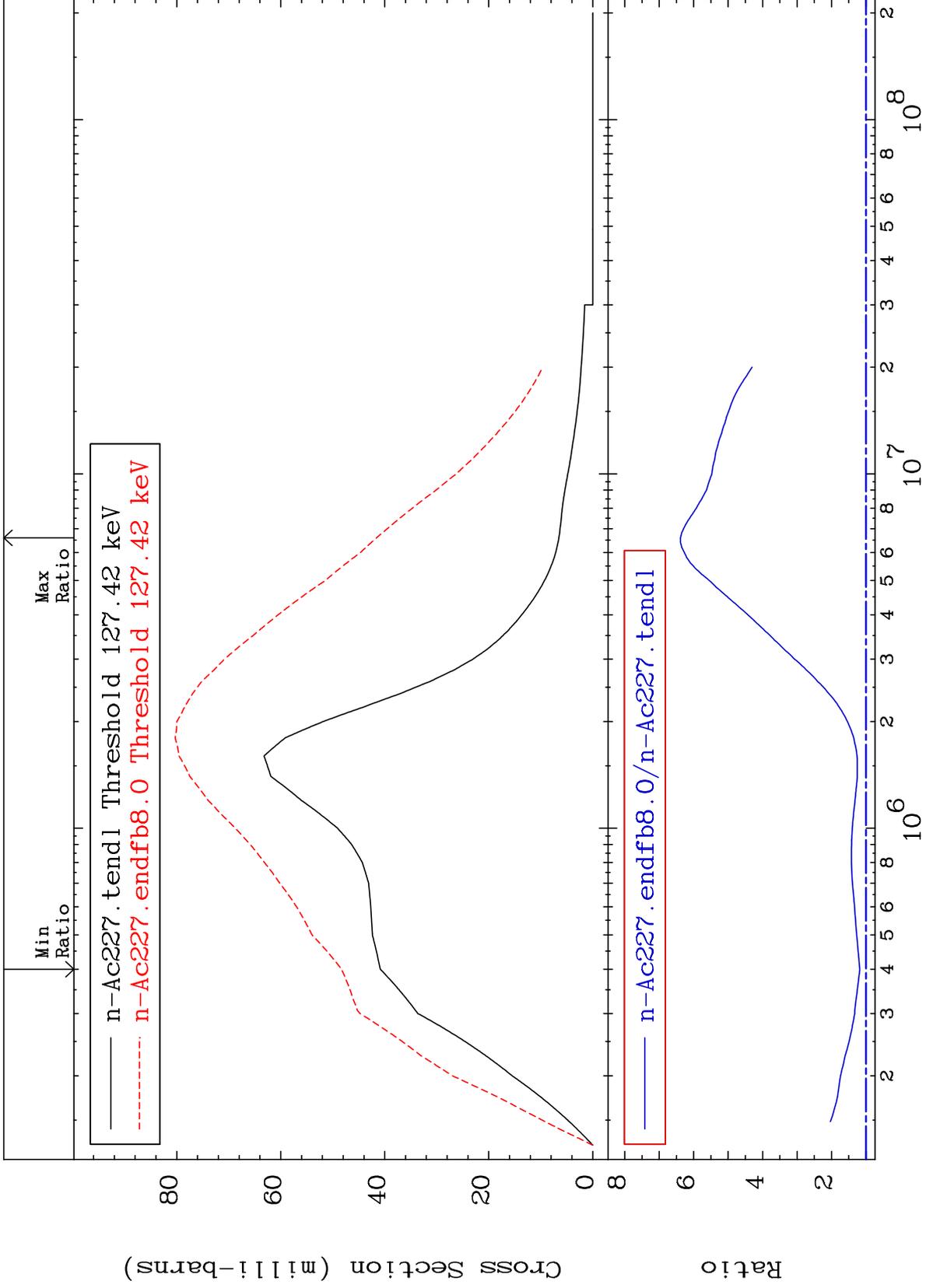
Max Ratio

Min Ratio

MAT 8931

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

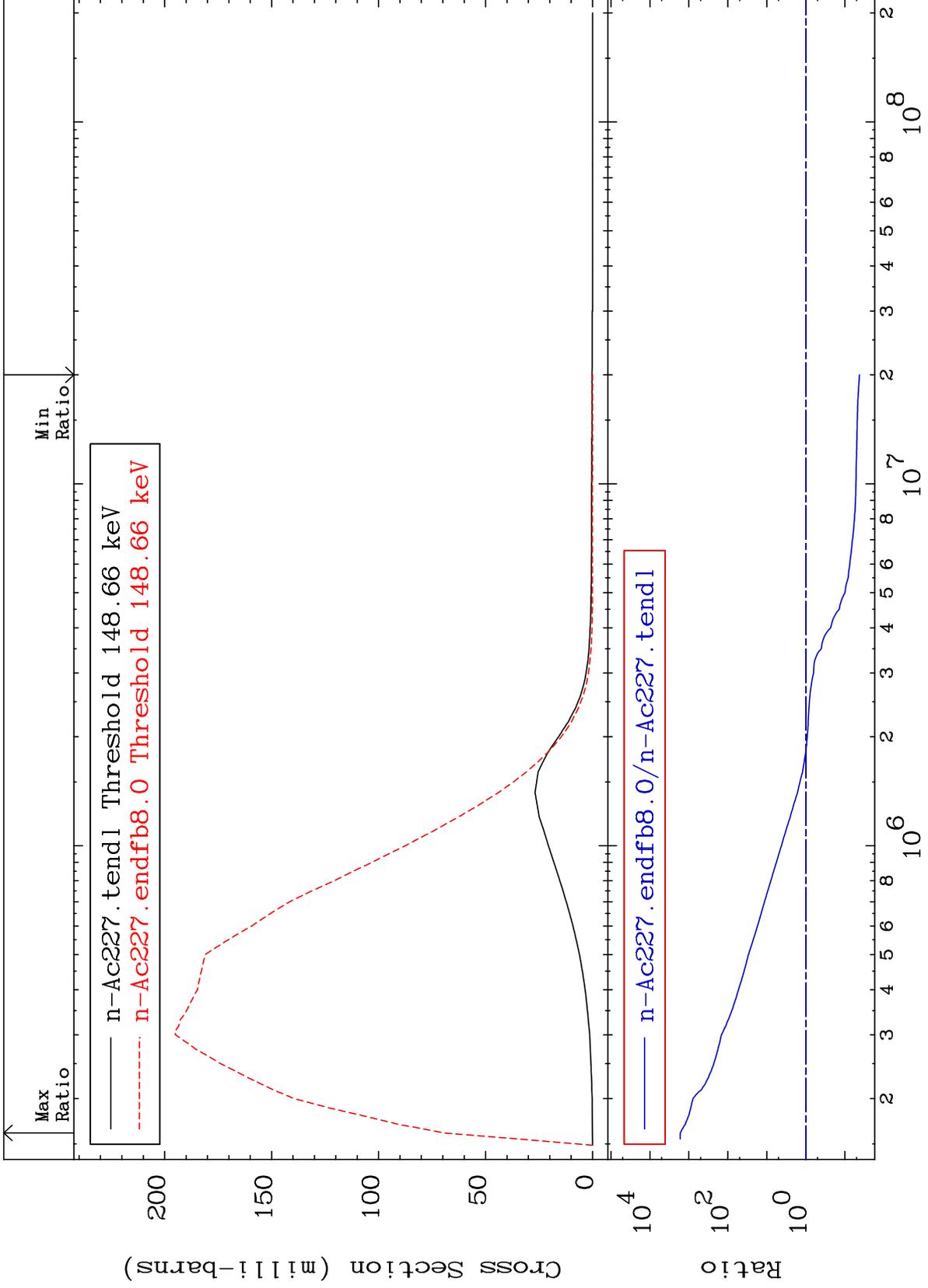
89-Ac-227  
18.20 To 538.2 %



MAT 8931

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

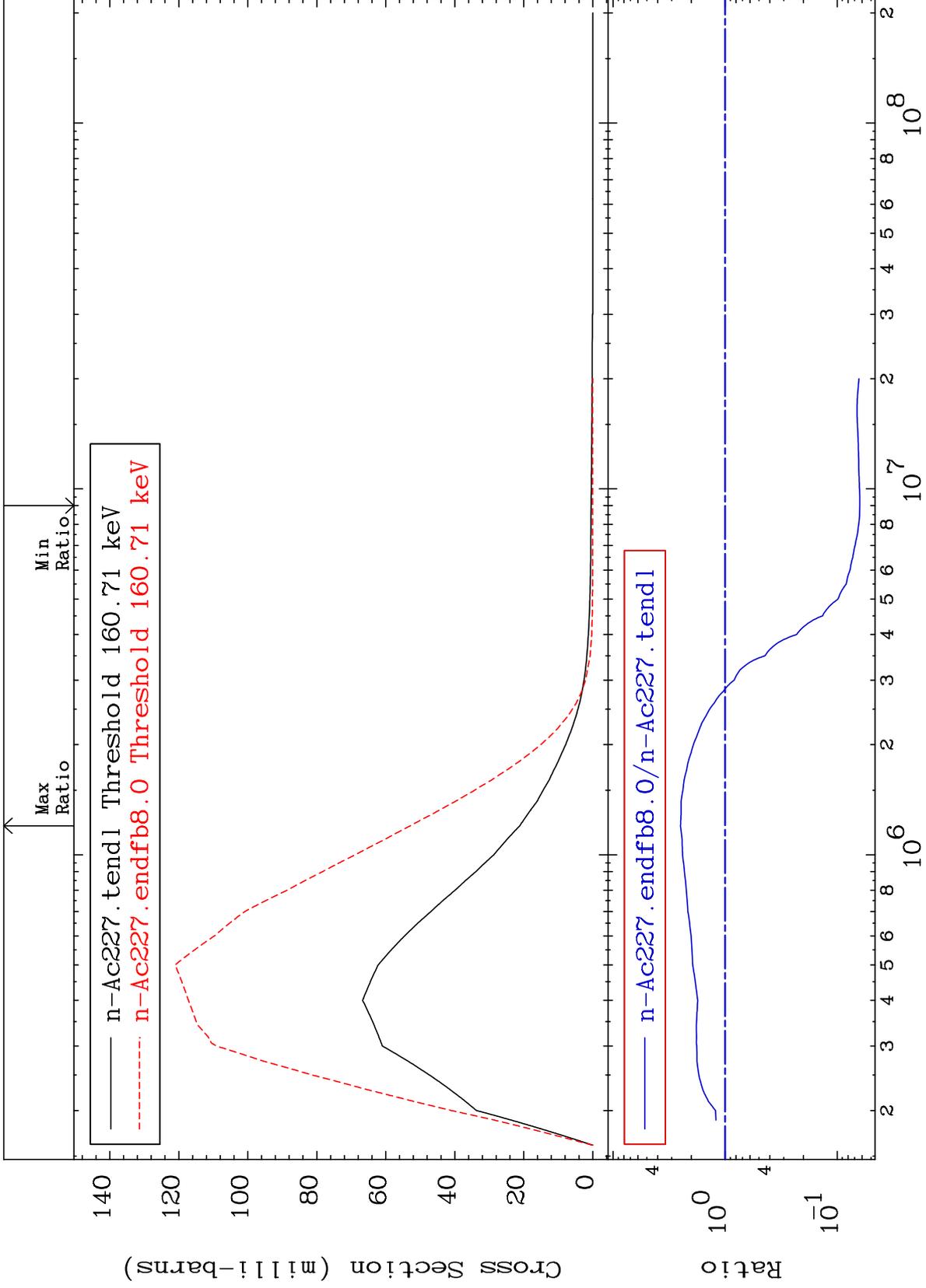
89-Ac-227  
-95.78 To 9999. %



MAT 8931

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

89-Ac-227  
-93.71 To 150.1 %



20

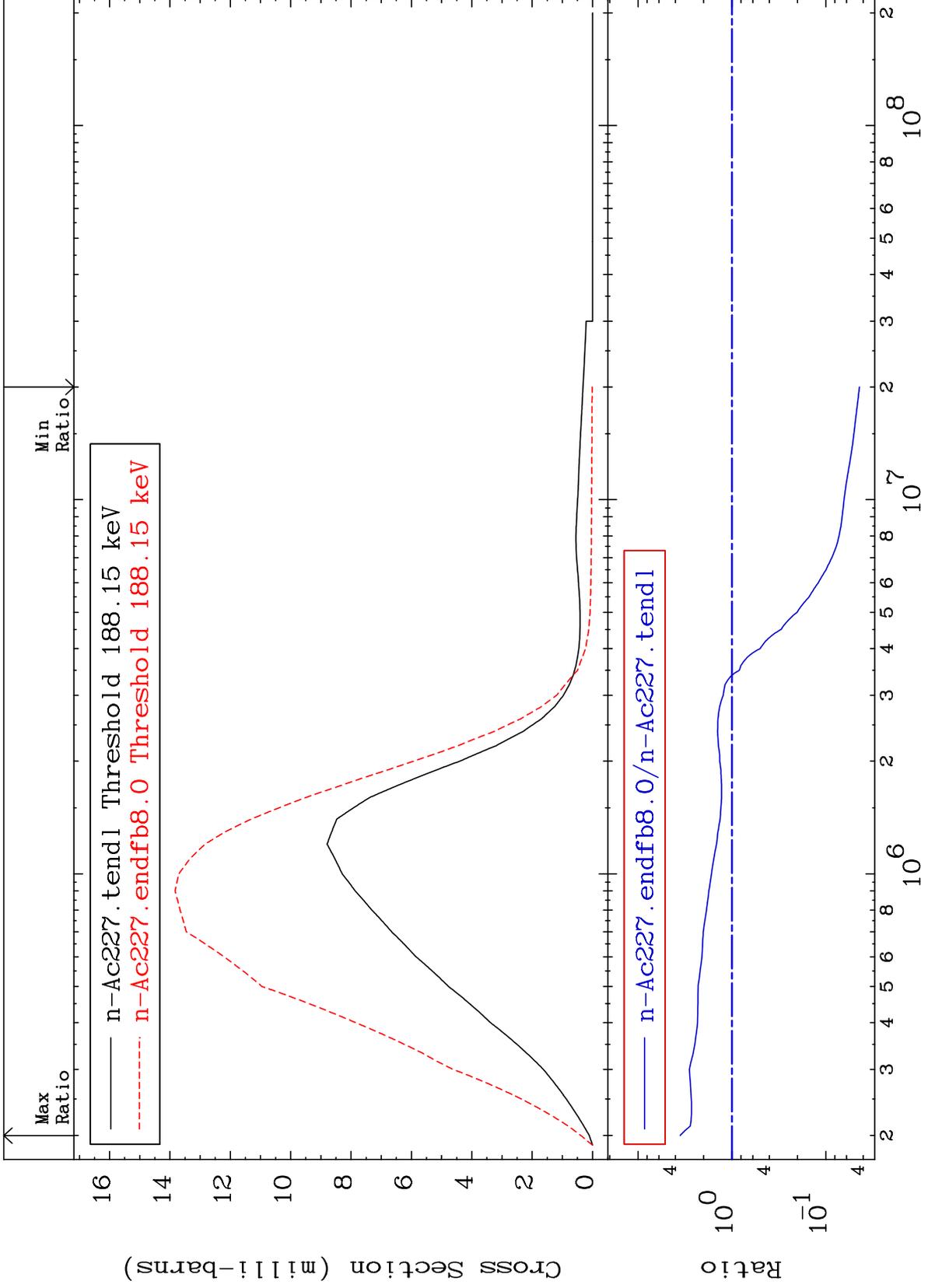
Incident Energy (eV)

89-Ac-227

MAT 8931

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

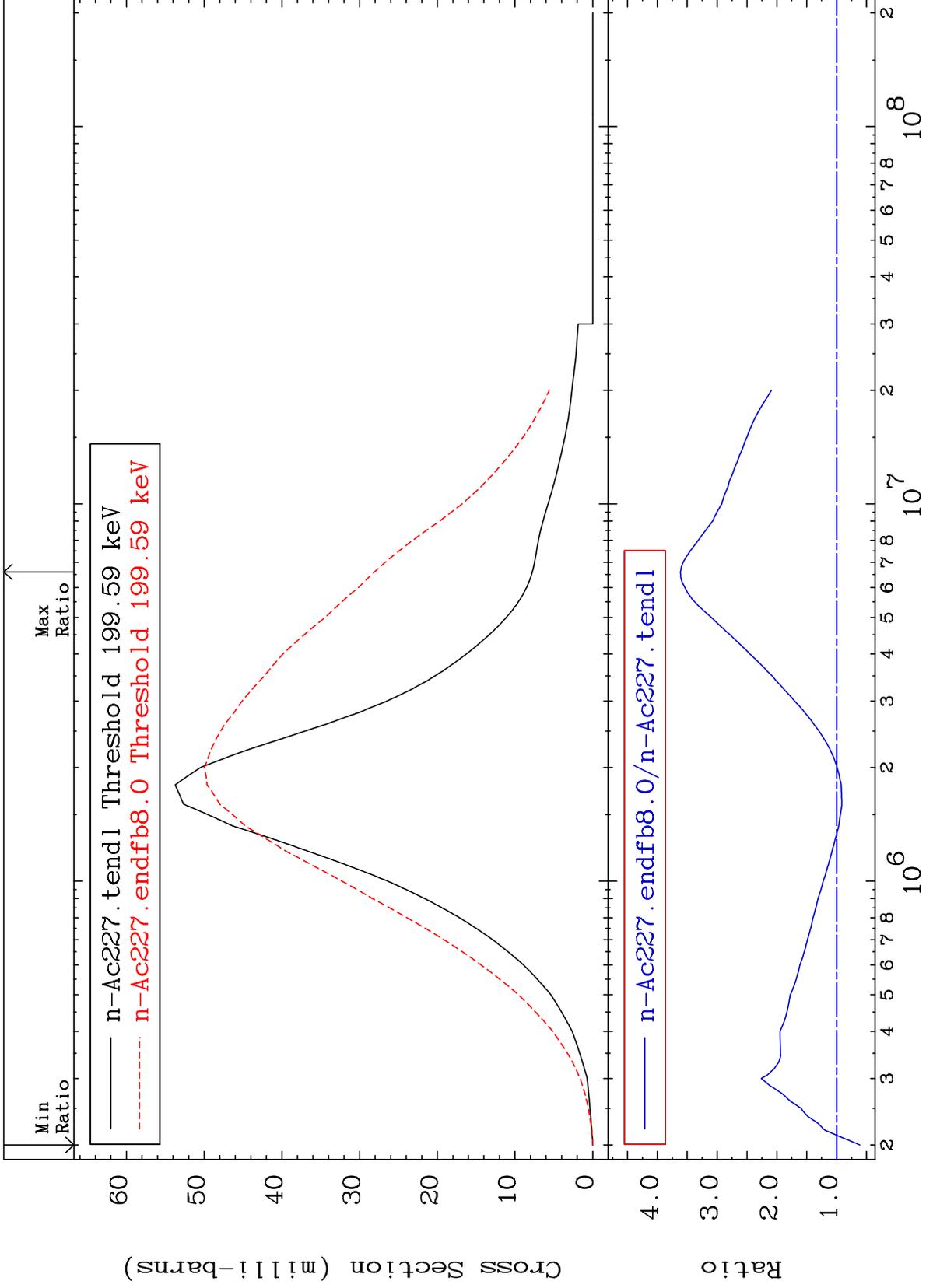
89-Ac-227  
-95.62 To 255.0 %



MAT 8931

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

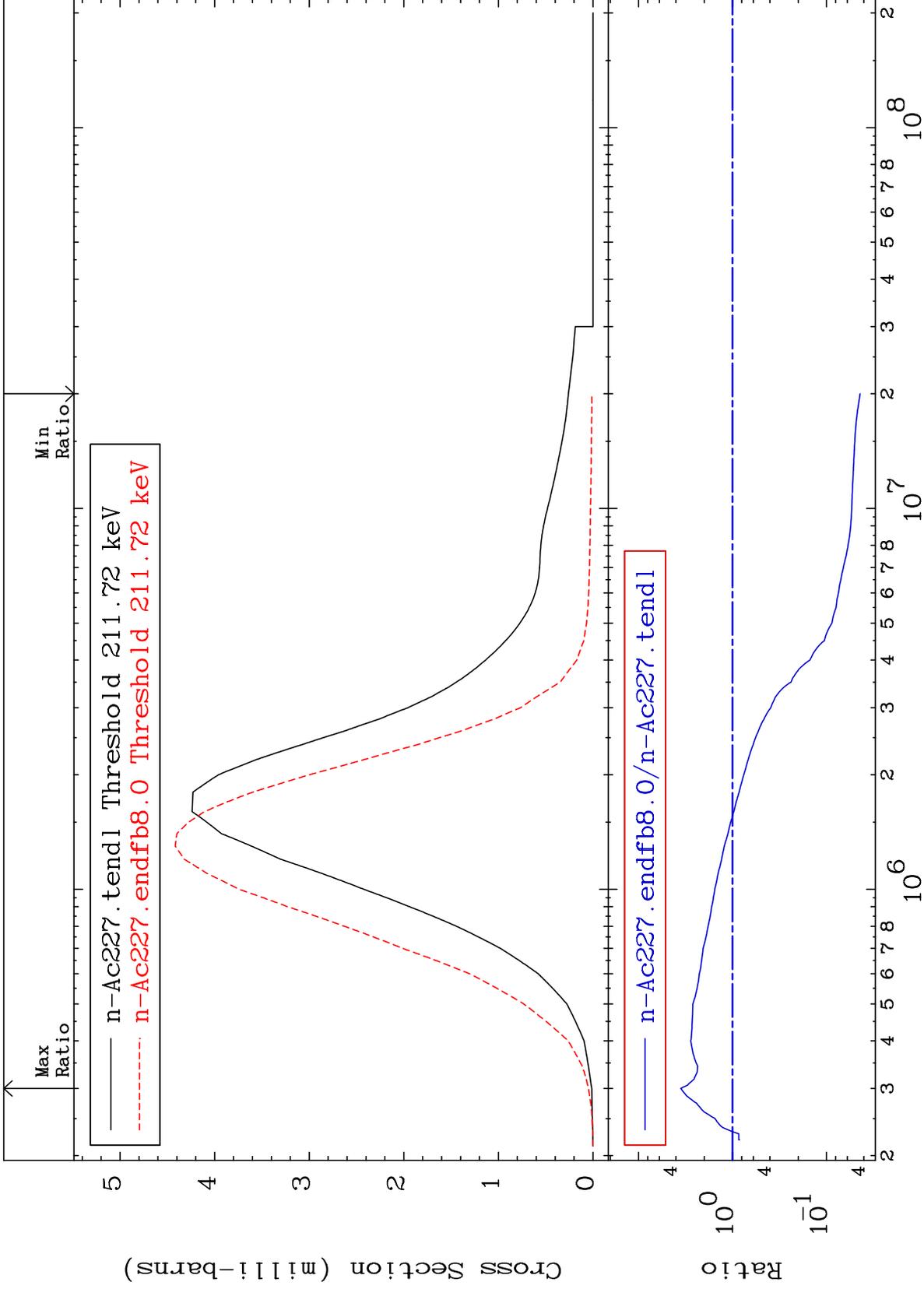
89-Ac-227  
-38.79 To 261.2 %



MAT 8931

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

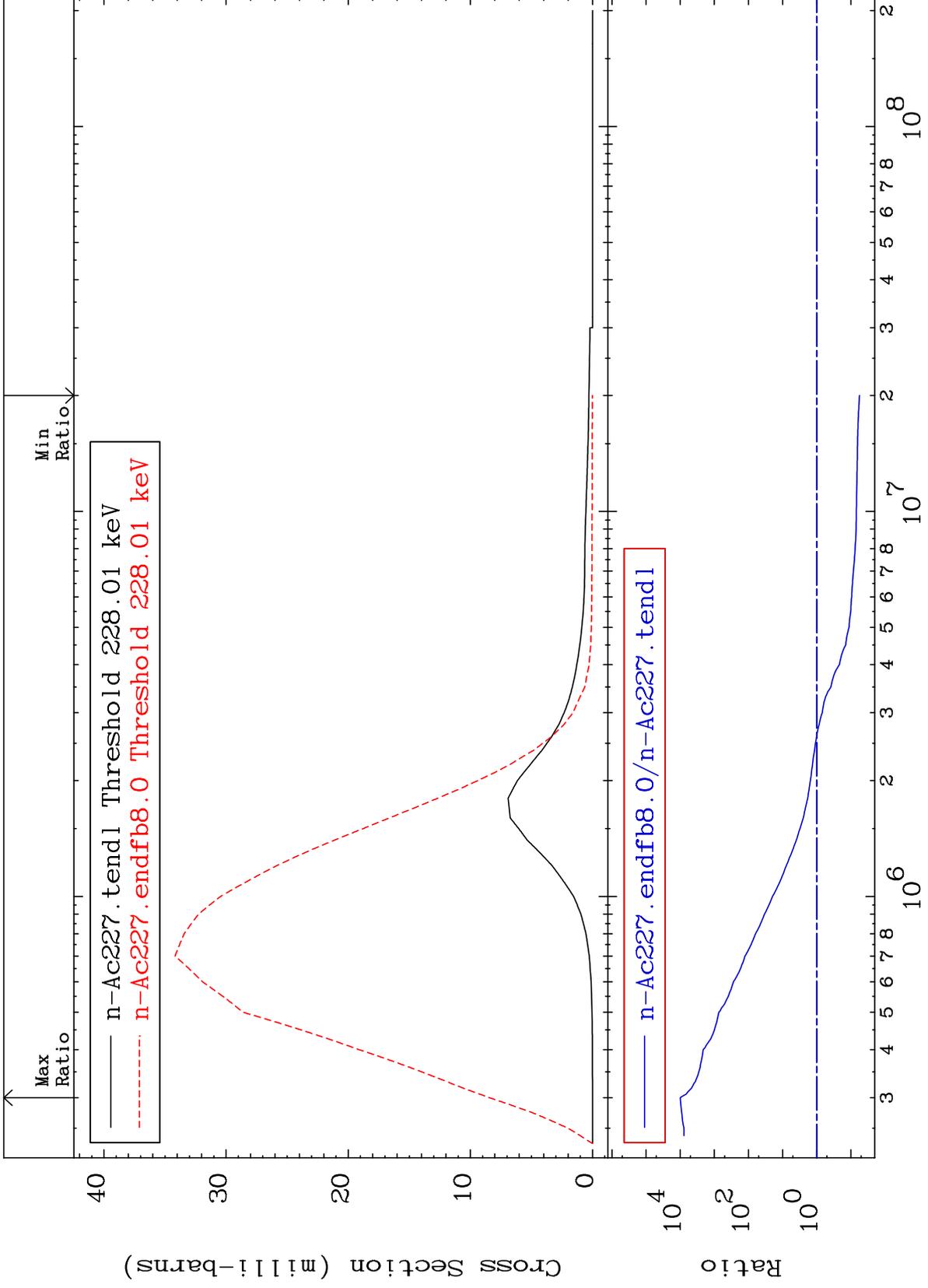
89-Ac-227  
-95.61 To 255.6 %



MAT 8931

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

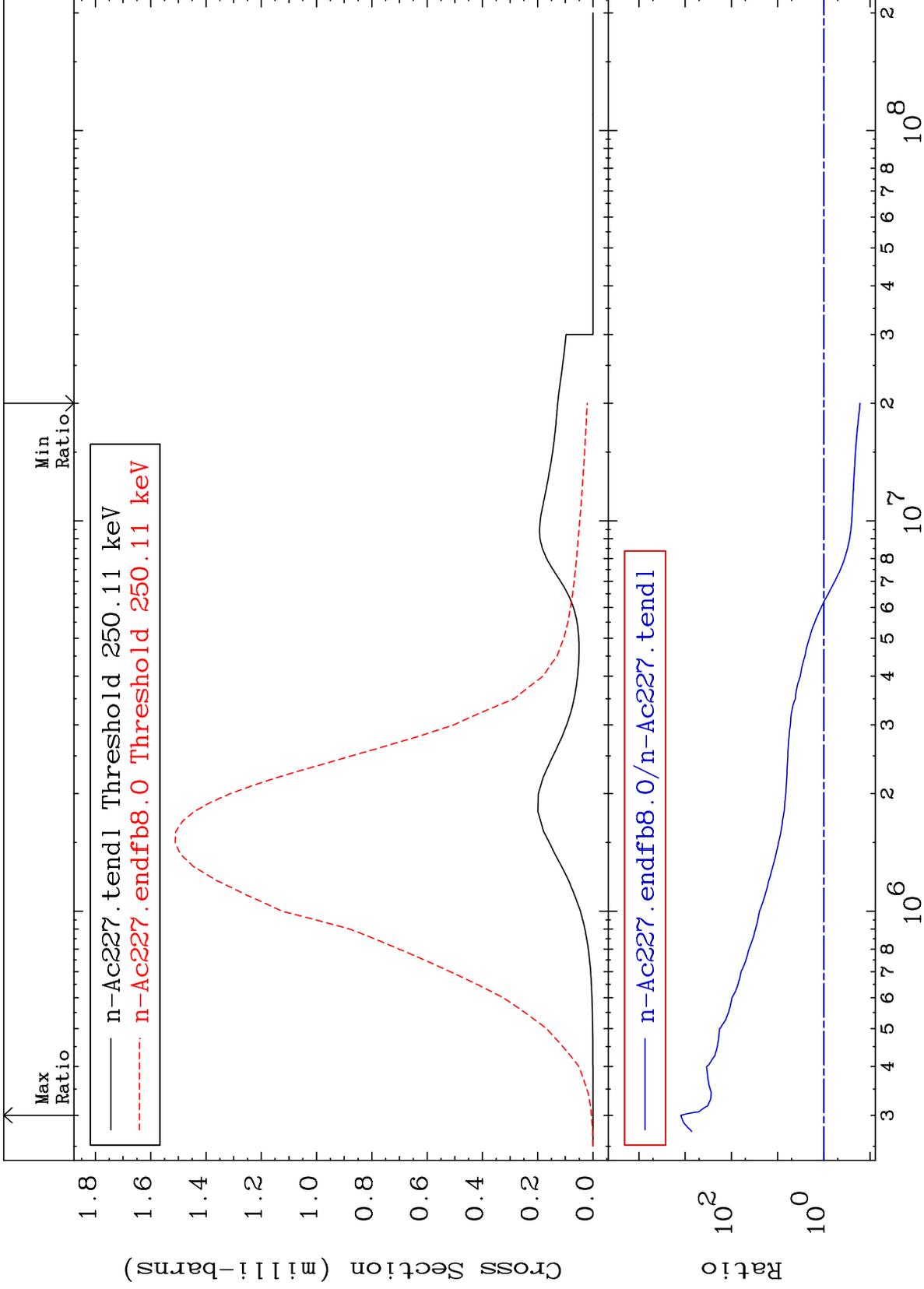
89-Ac-227  
-94.41 To 9999. %



MAT 8931

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

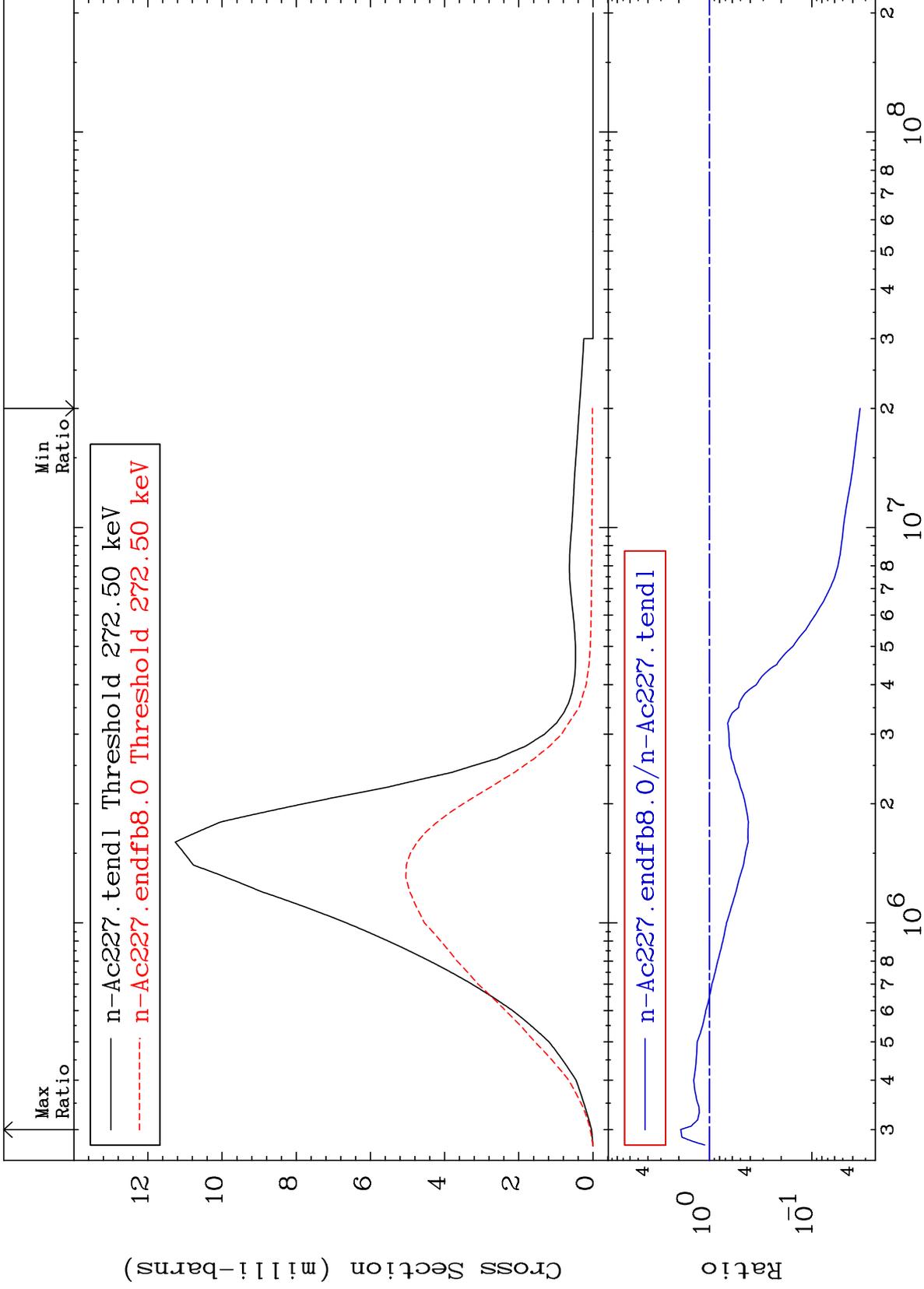
89-Ac-227  
-83.55 To 9999. %



MAT 8931

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

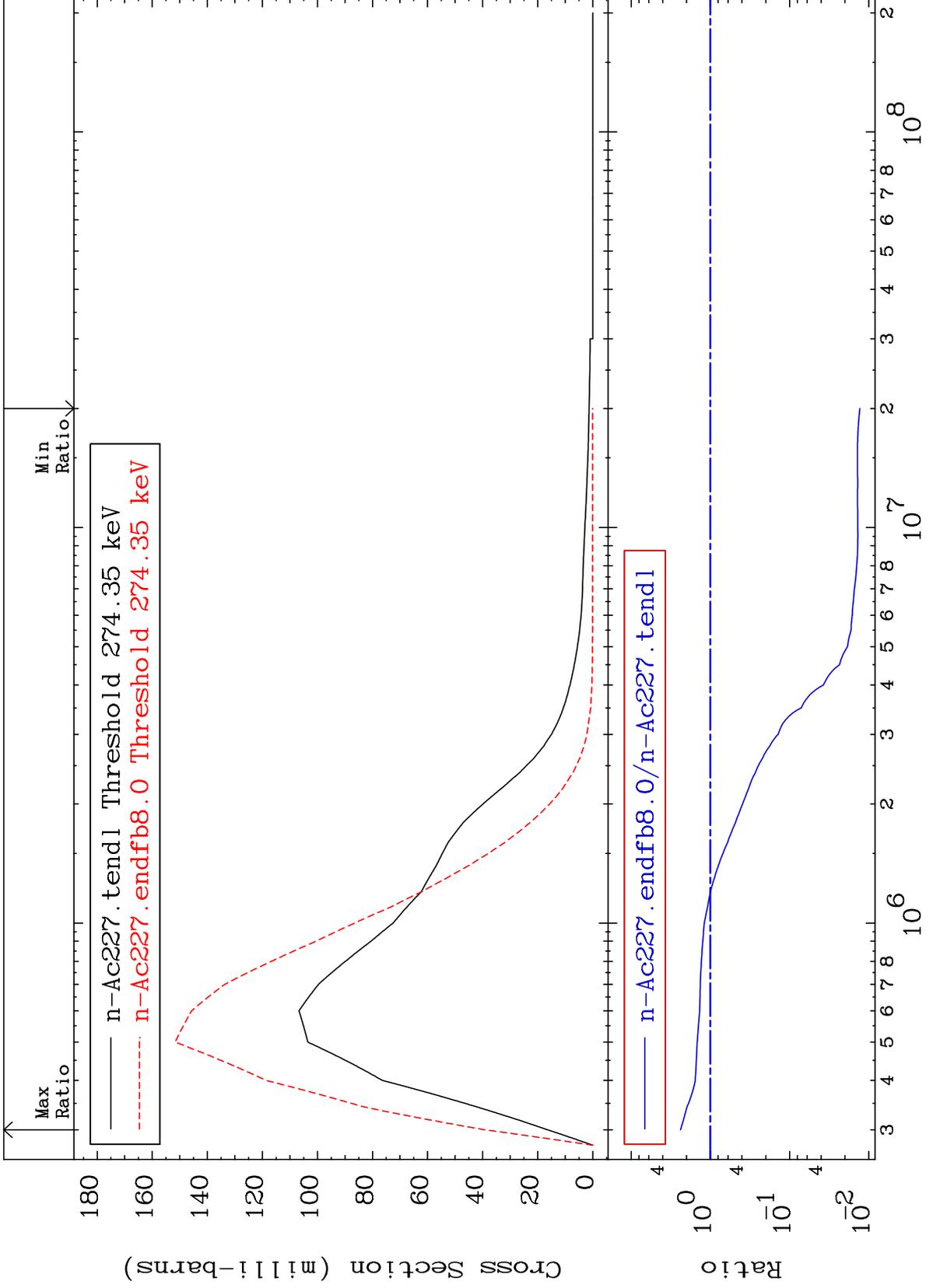
89-Ac-227  
-96.61 To 91.36 %



MAT 8931

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

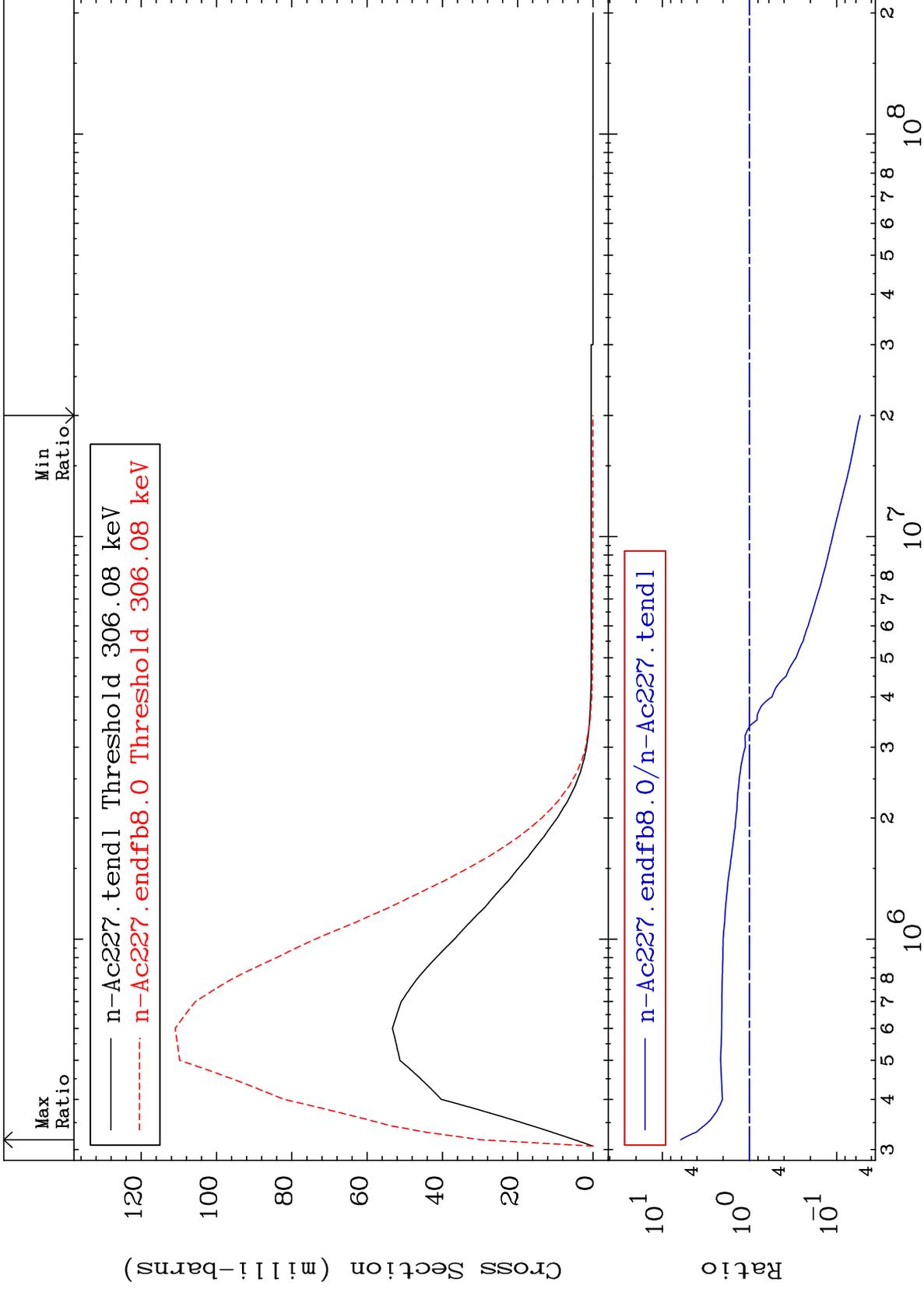
89-Ac-227  
-98.70 To 138.5 %



MAT 8931

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

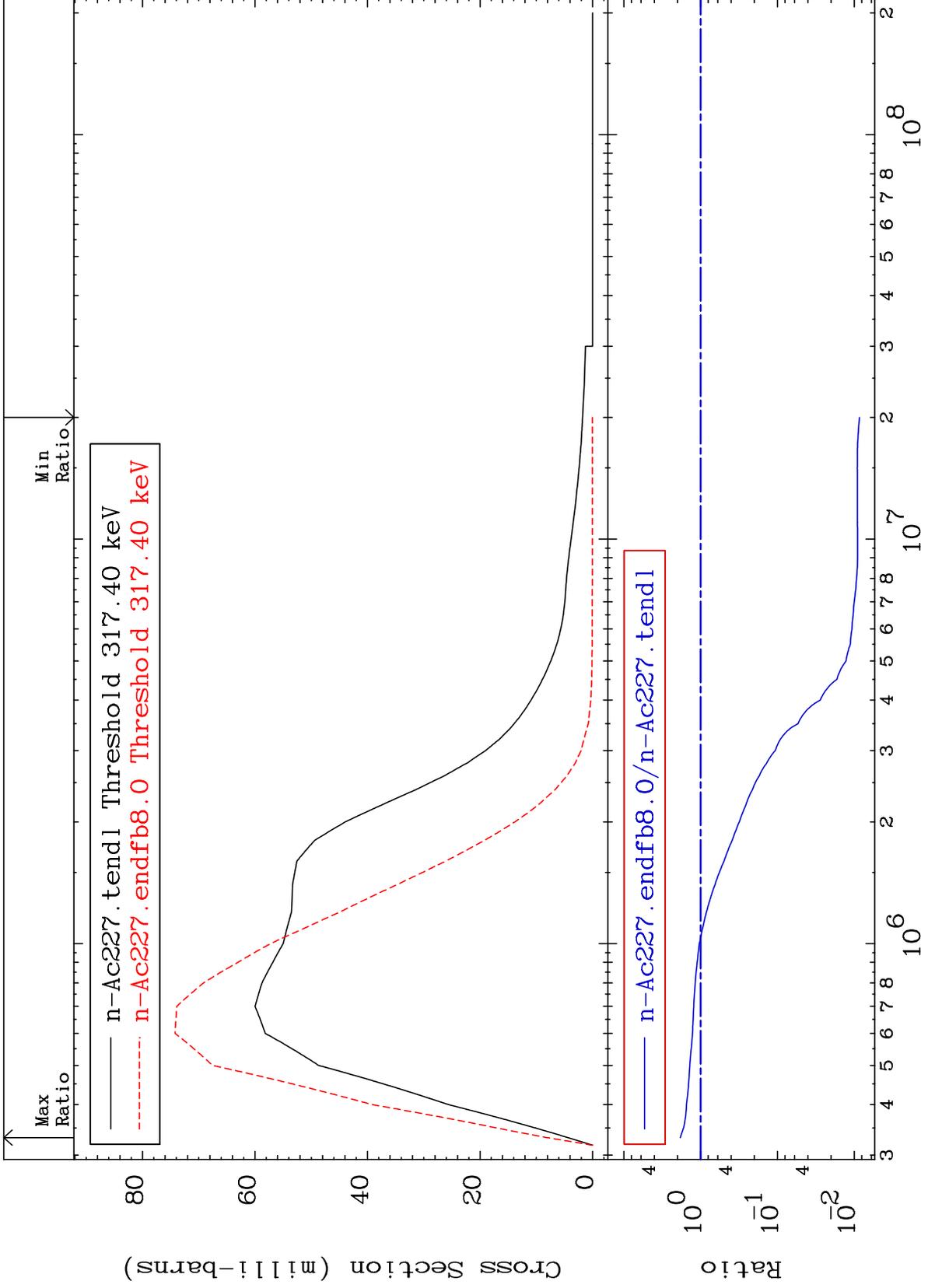
89-Ac-227  
-94.62 To 513.4 %



MAT 8931

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

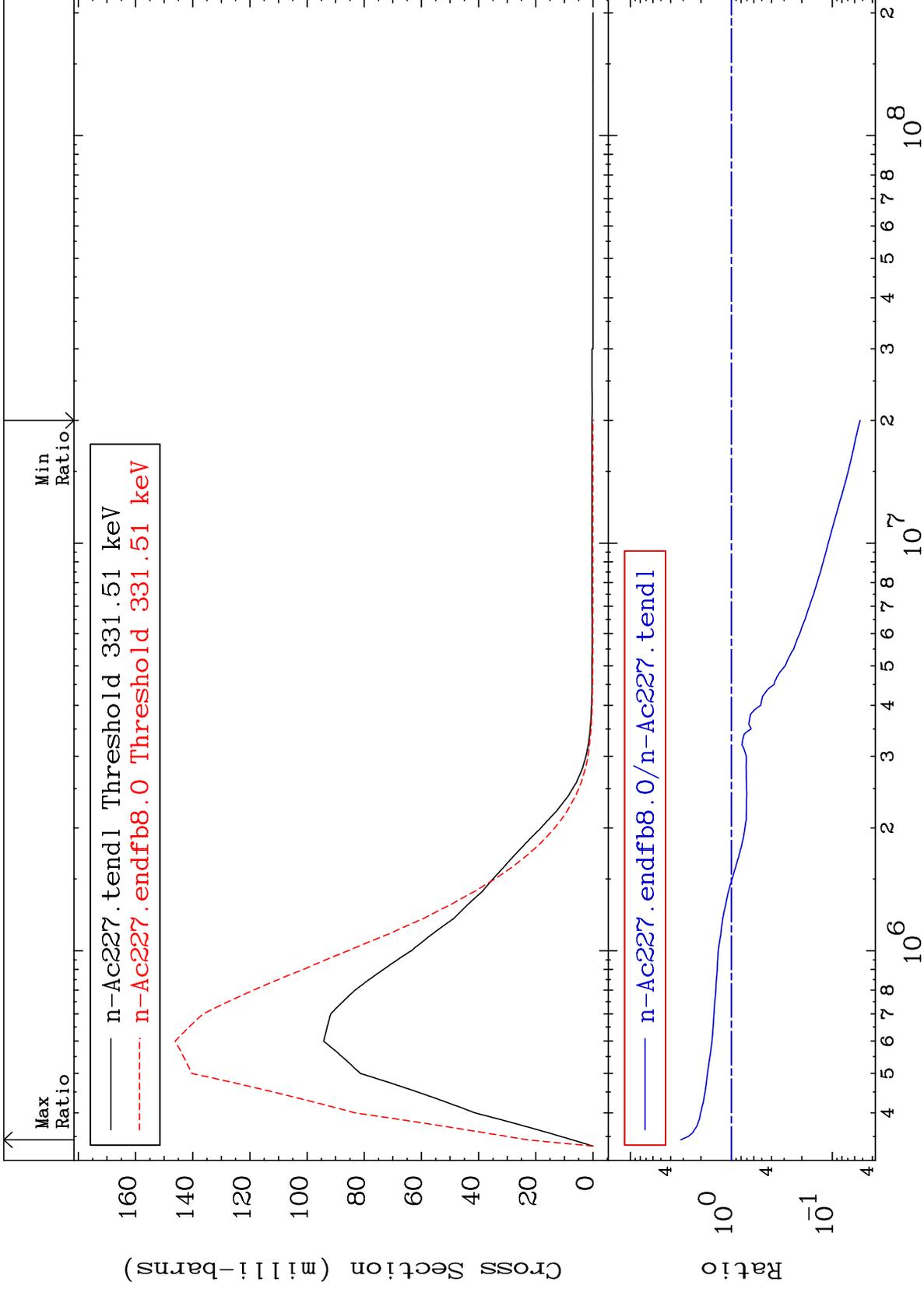
89-Ac-227  
-99.15 To 84.25 %



MAT 8931

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

89-Ac-227  
-94.71 To 217.4 %



30

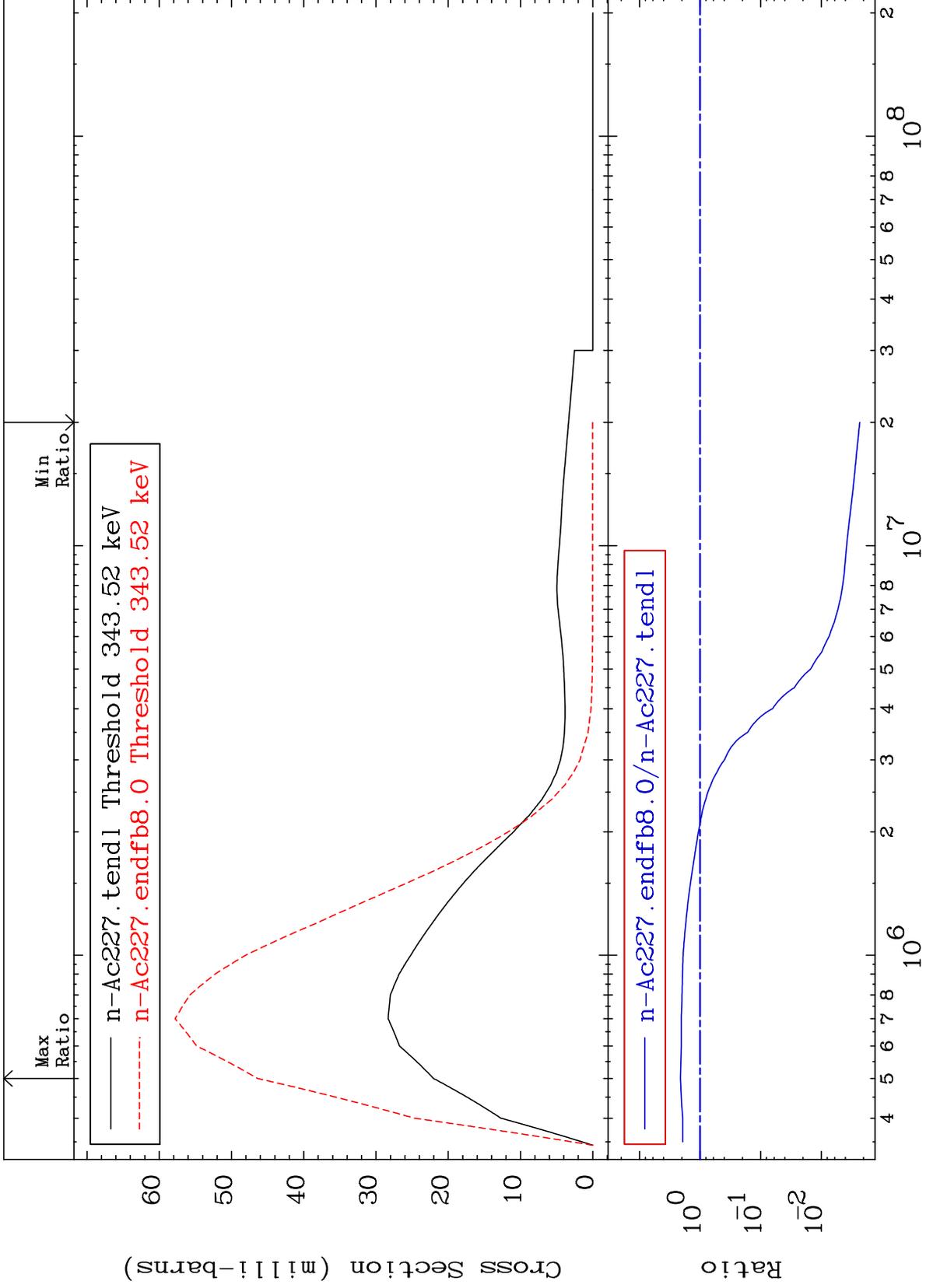
Incident Energy (eV)

89-Ac-227

MAT 8931

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

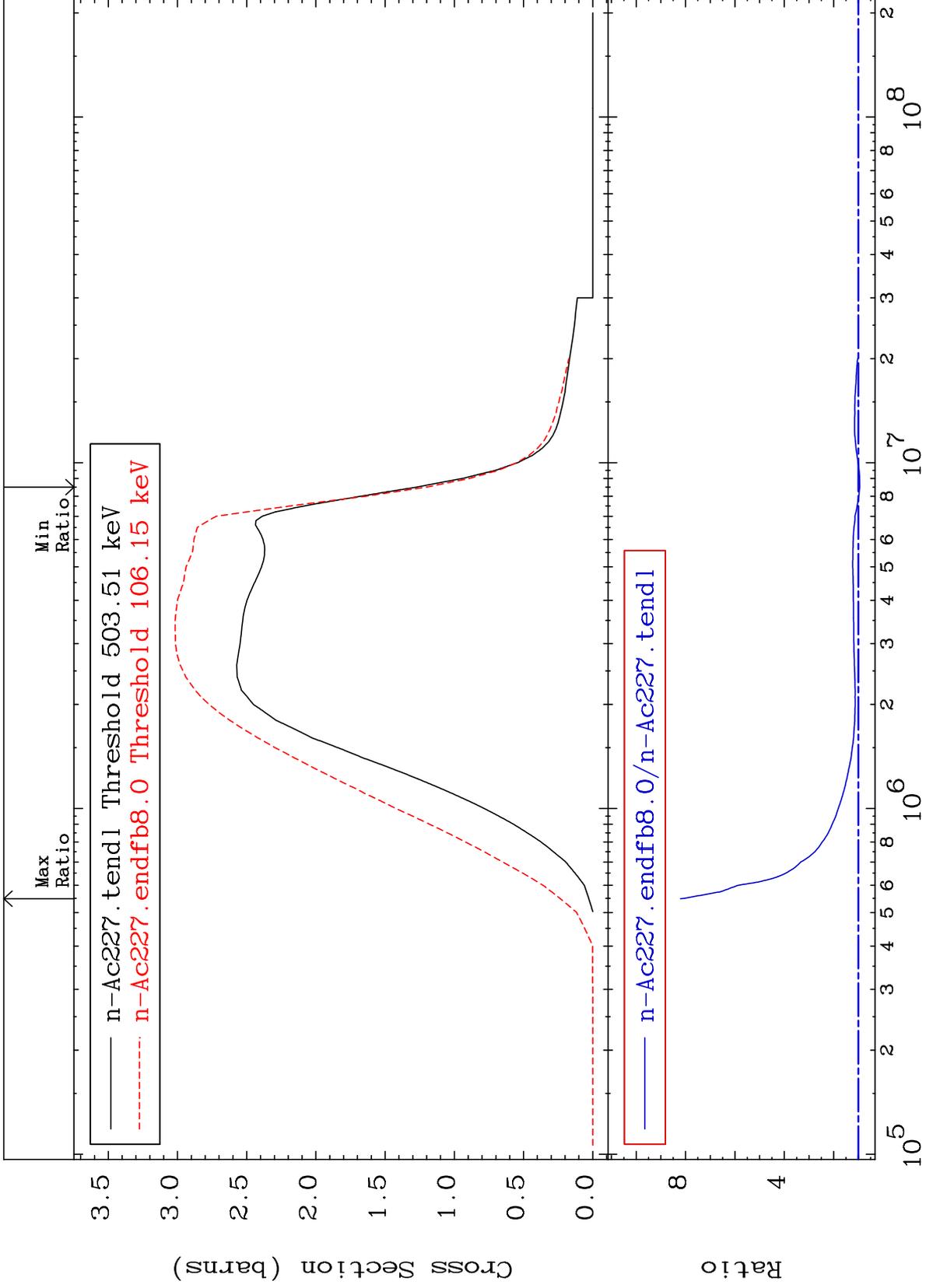
89-Ac-227  
-99.77 To 110.6 %



MAT 8931

(n, n') Continuum  
Cross Section

89-Ac-227  
-5.690 To 720.4 %



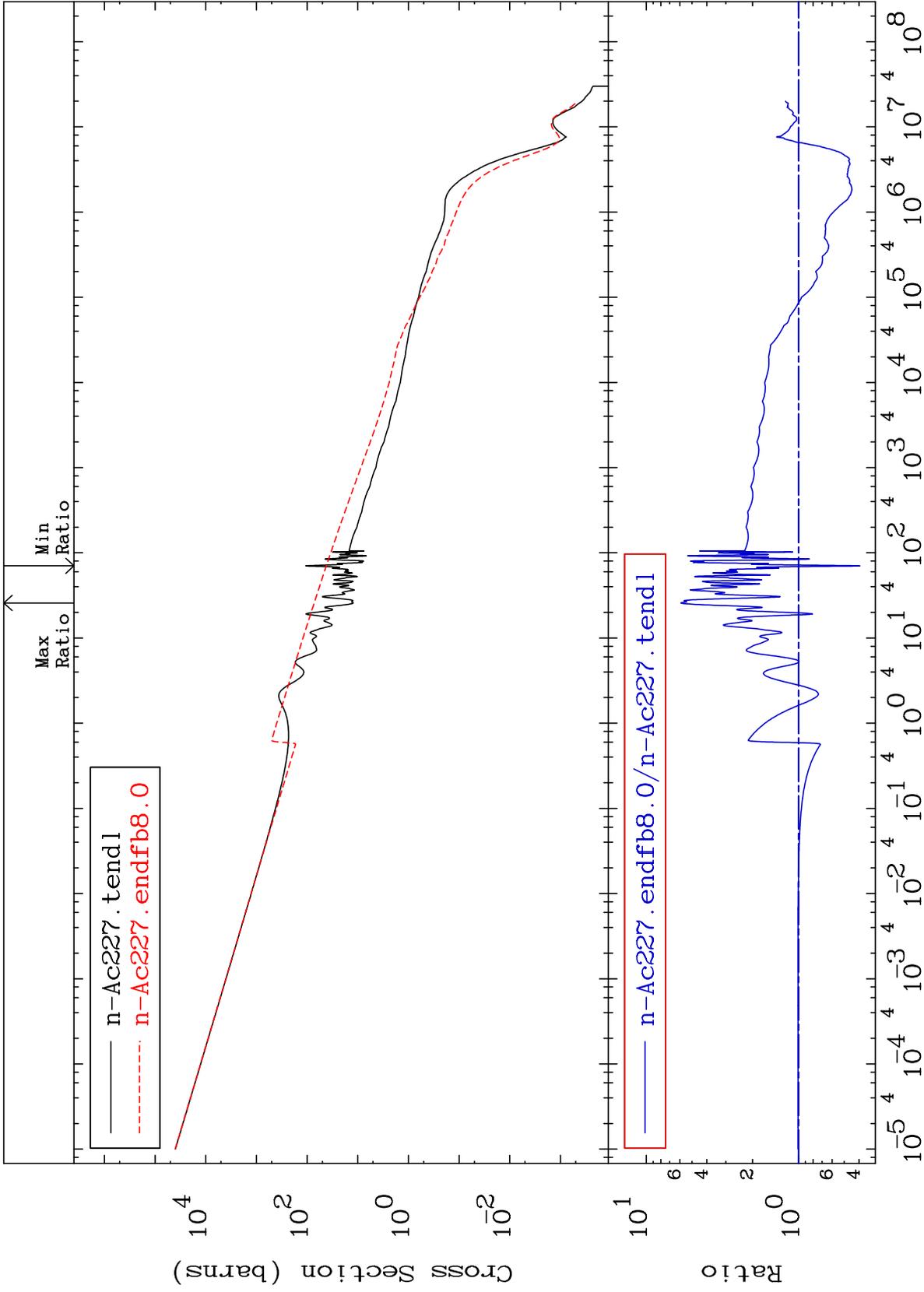
32

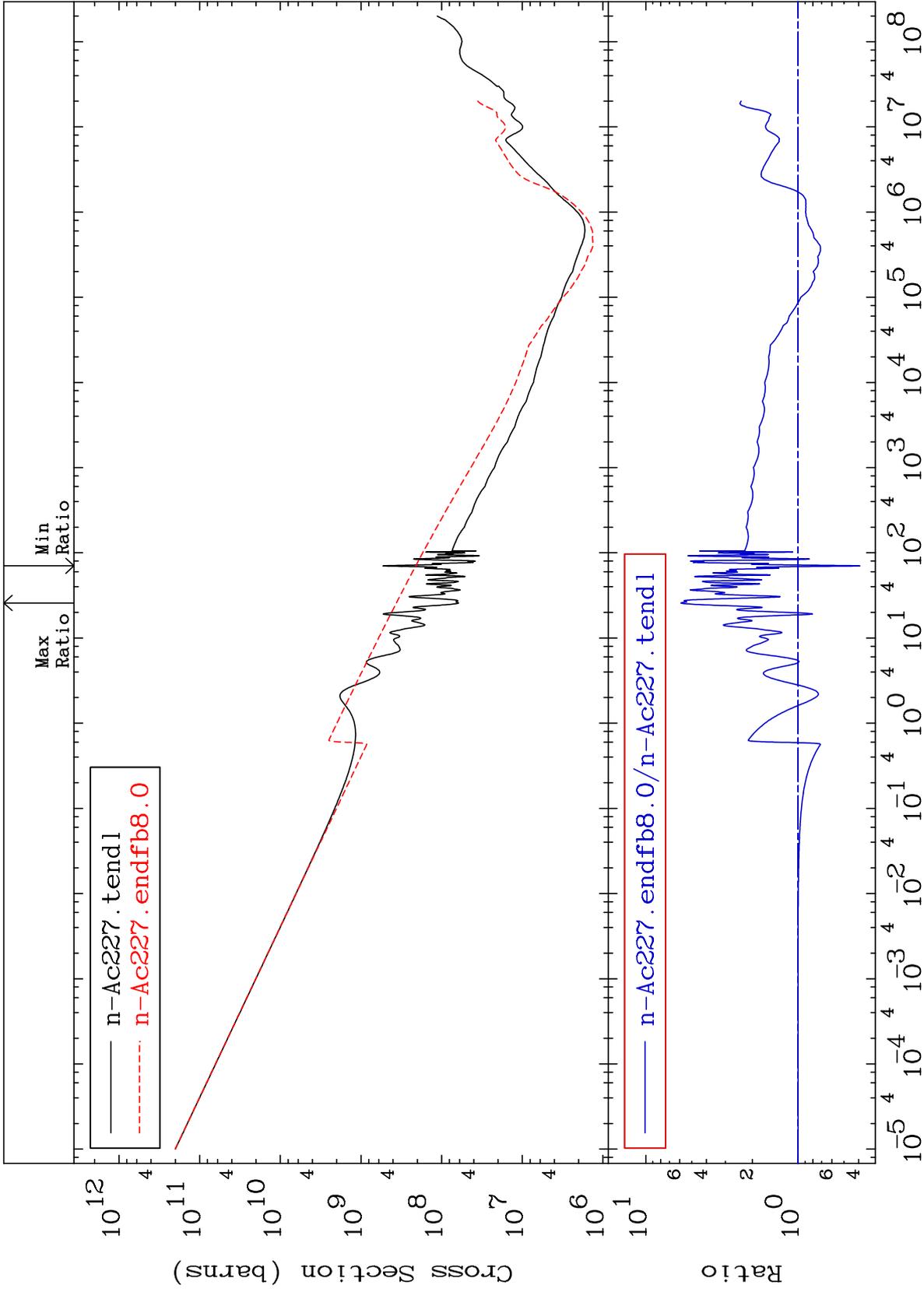
89-Ac-227

MAT 8931

89-Ac-227  
-60.65 To 492.6 %

(n,  $\gamma$ )  
Cross Section

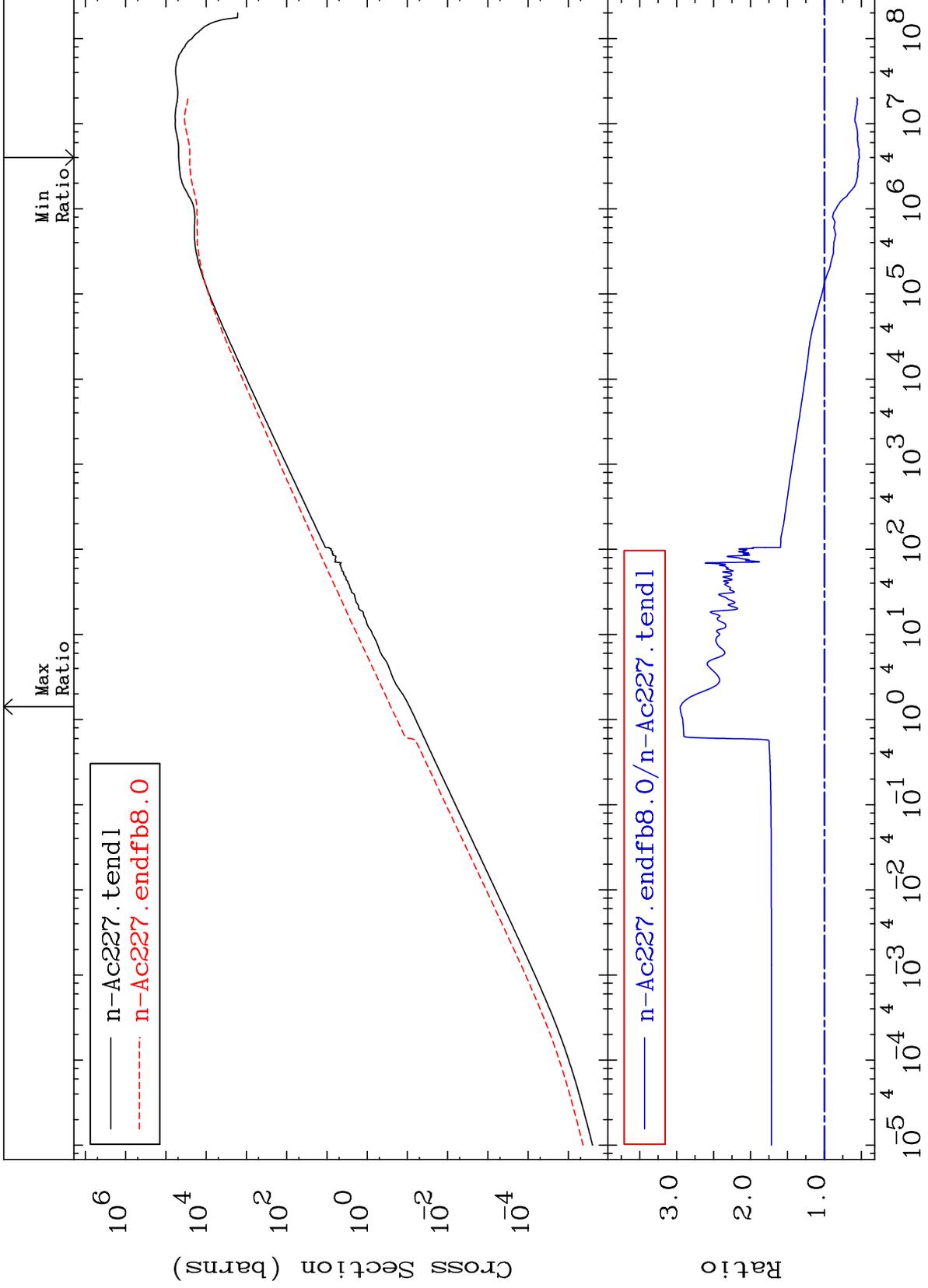




MAT 8931

Kerma elastic  
Cross Section

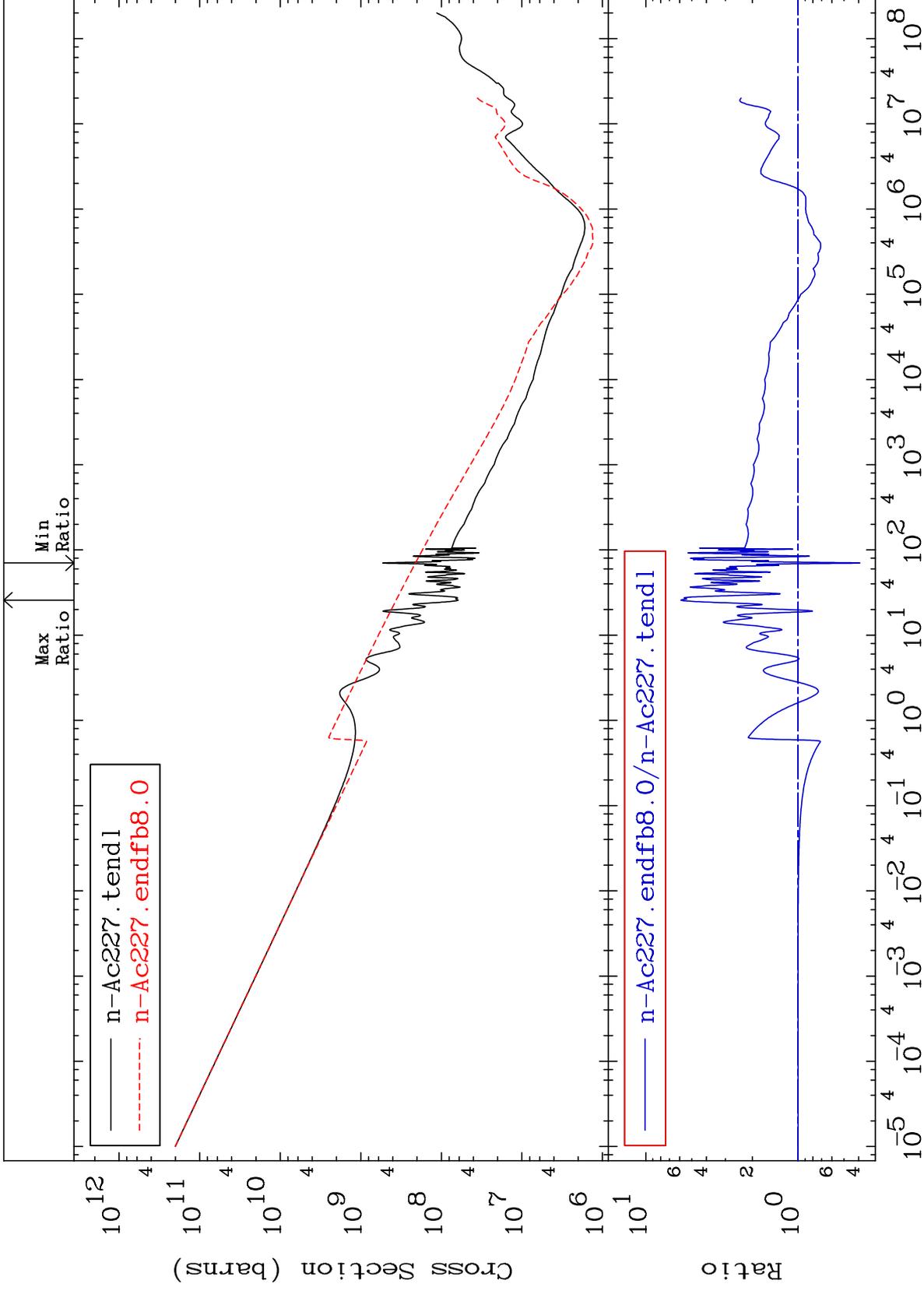
89-Ac-227  
-47.57 To 195.1 %

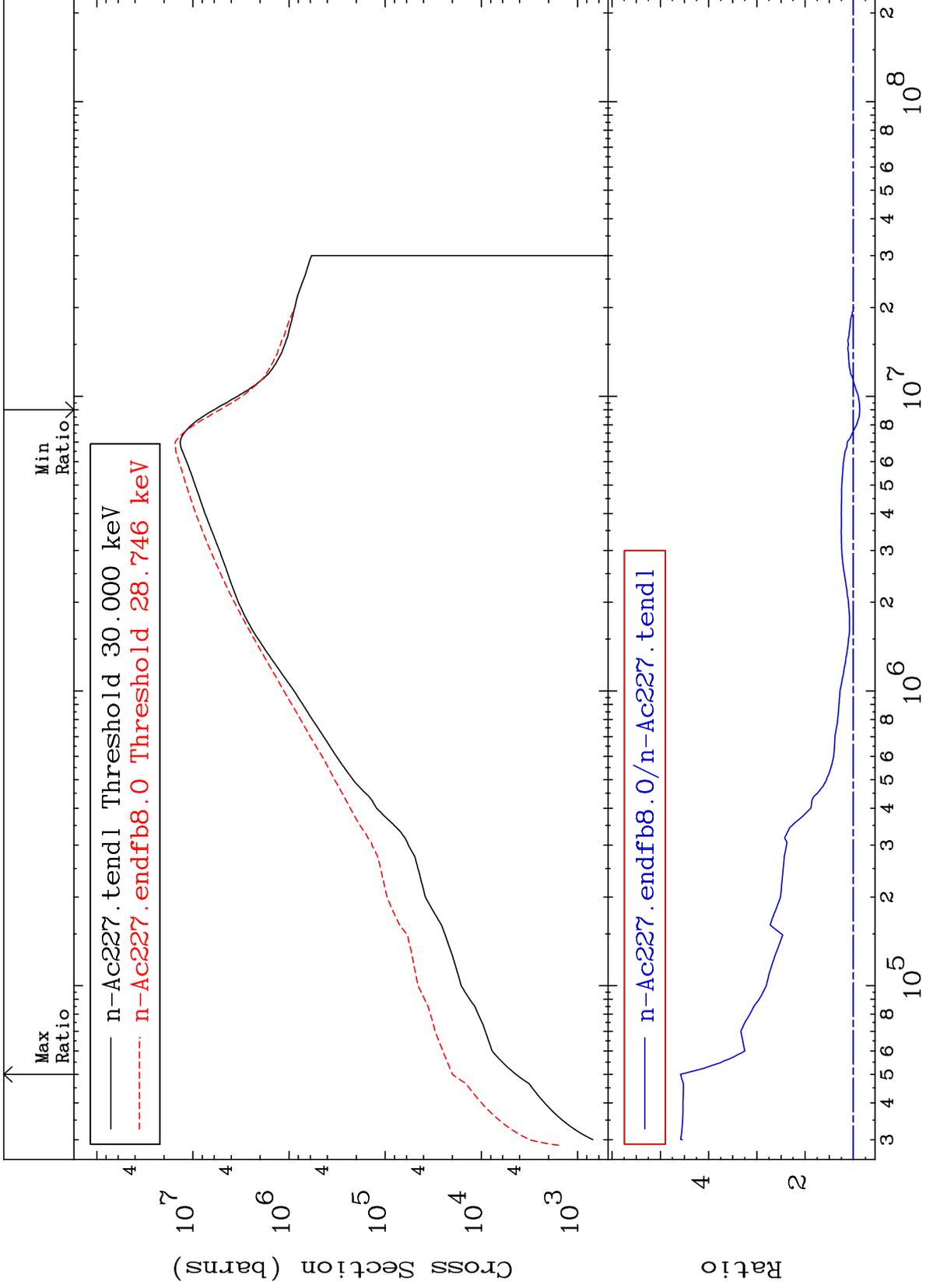


35

Incident Energy (eV)

89-Ac-227

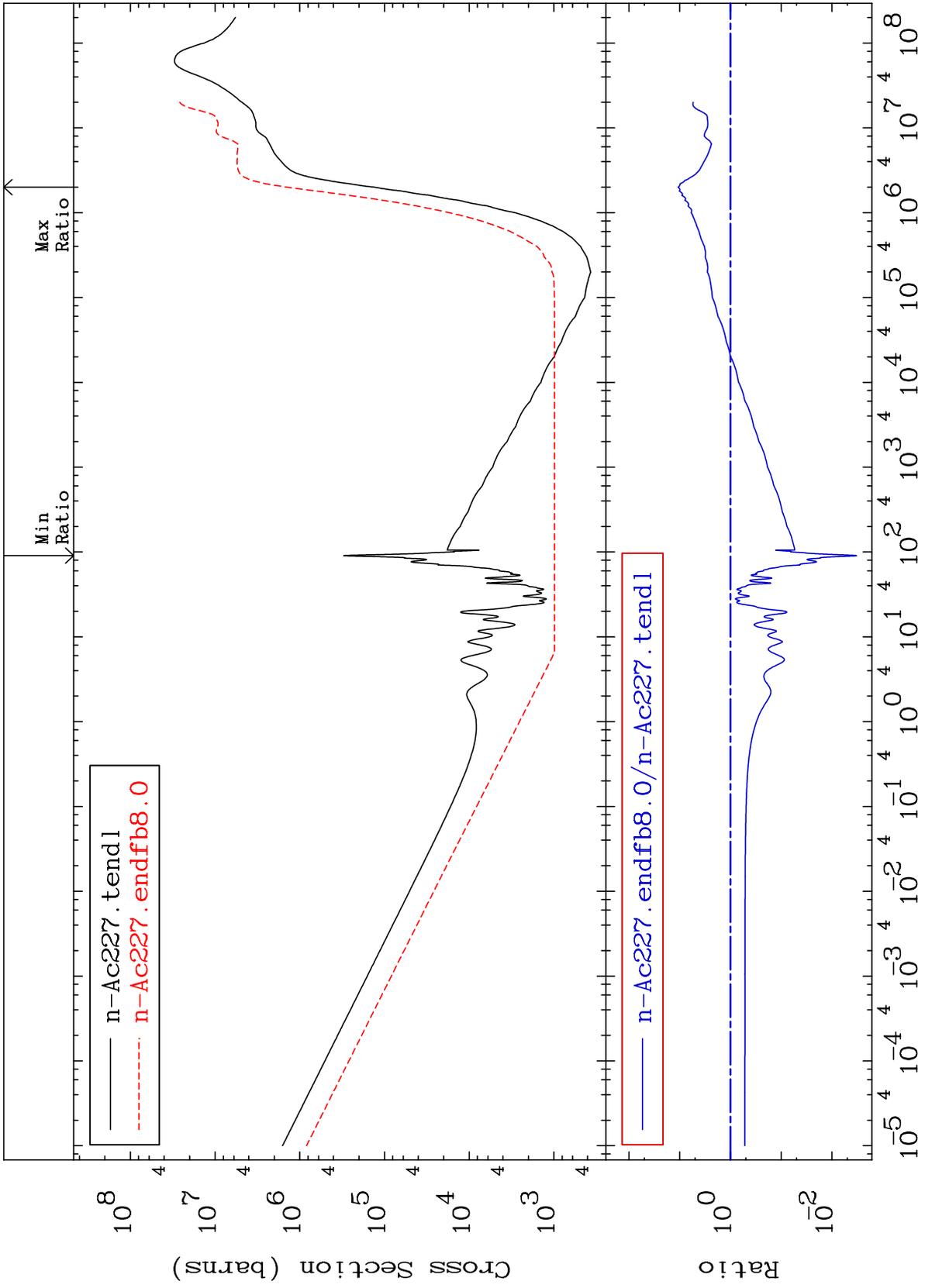


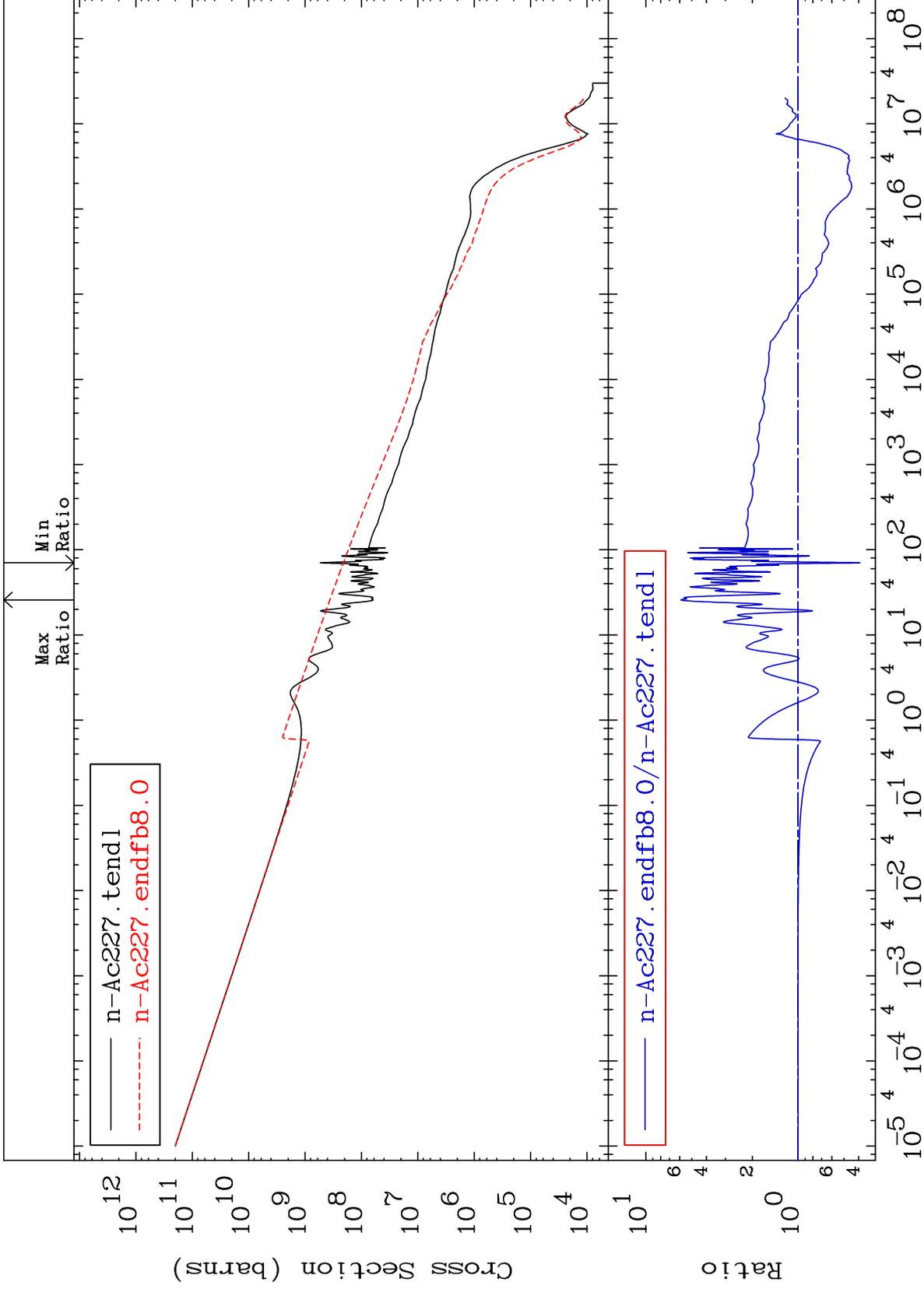


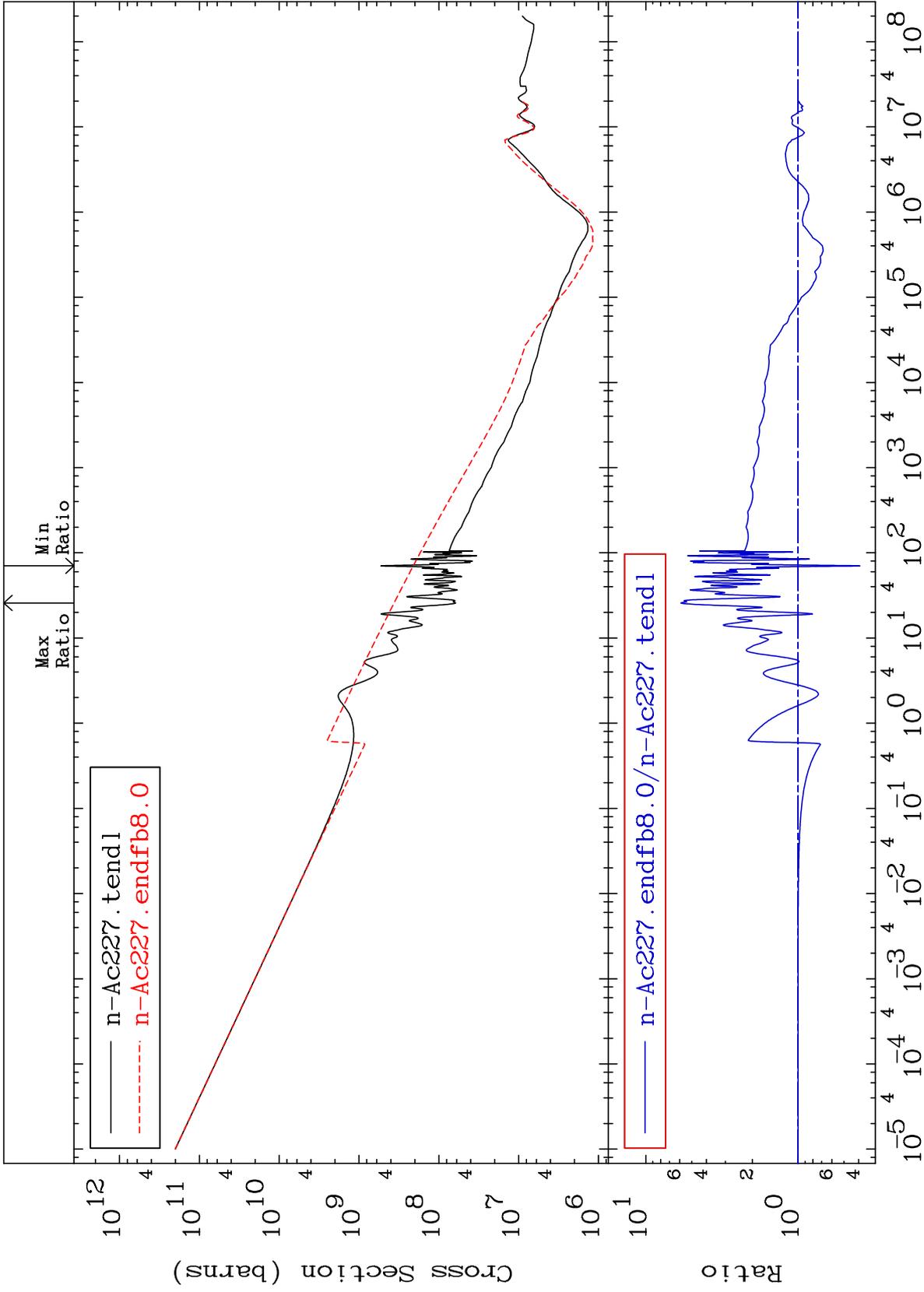
MAT 8931

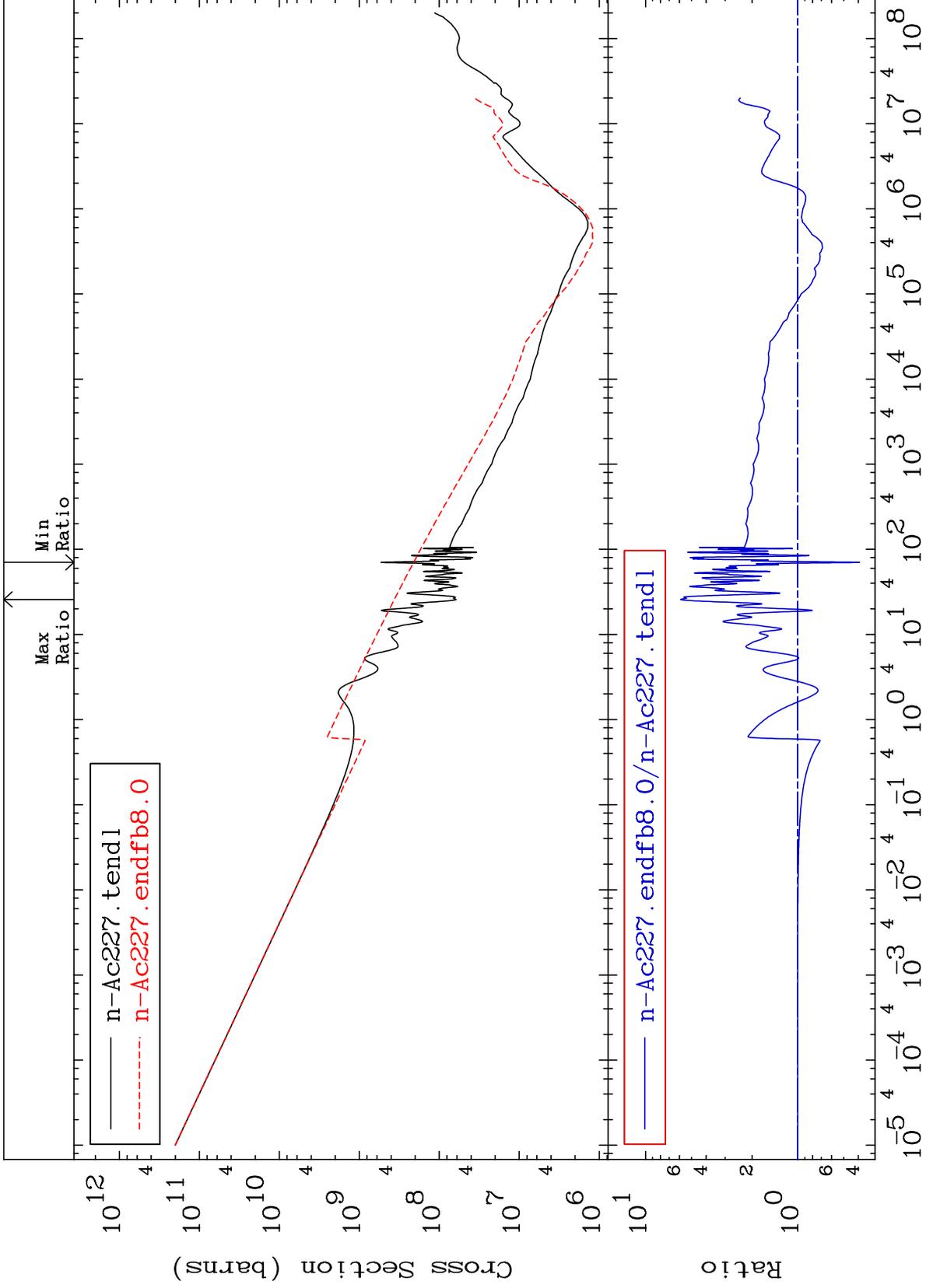
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

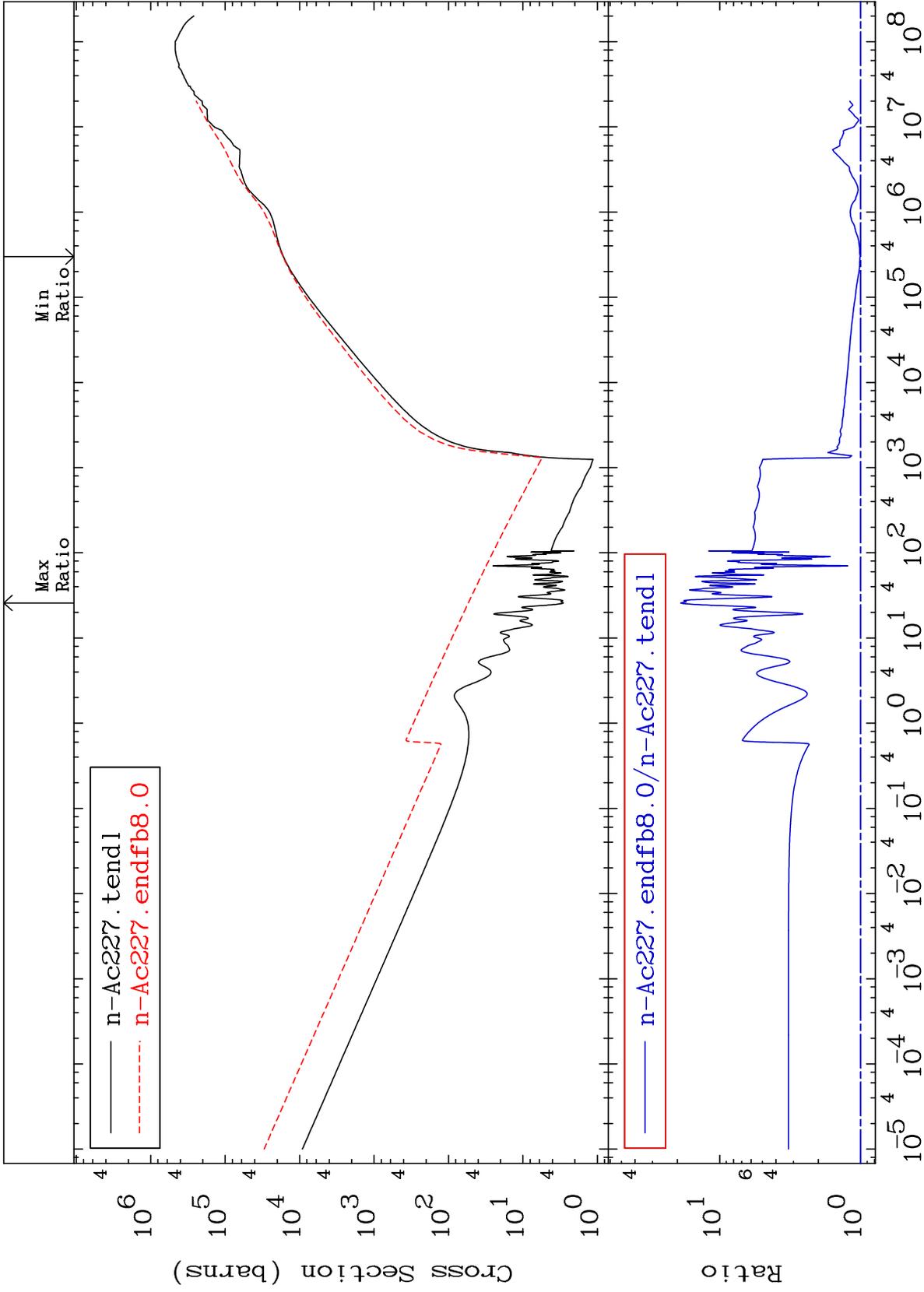
89-Ac-227  
-99.67 To 980.1 %







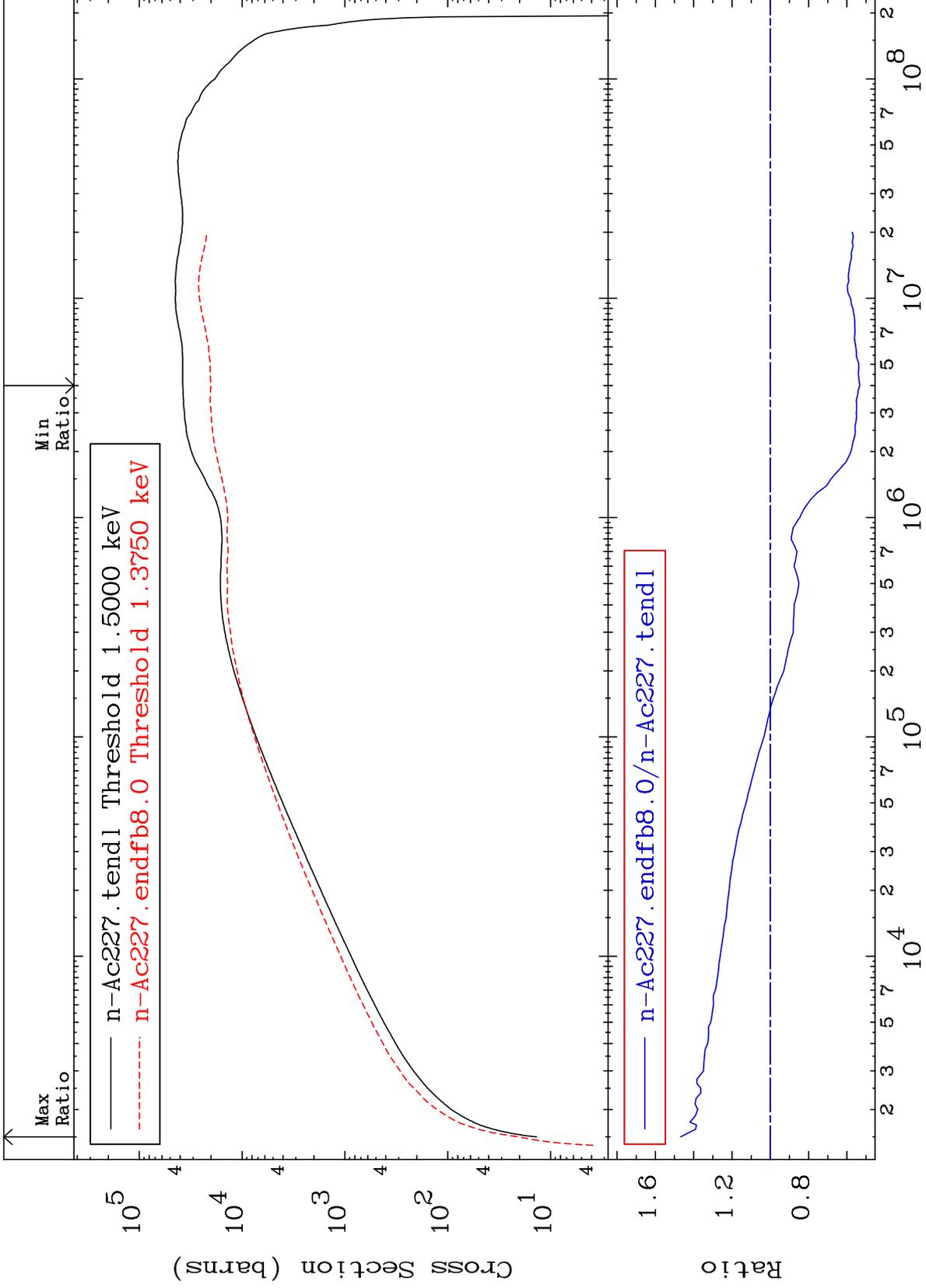


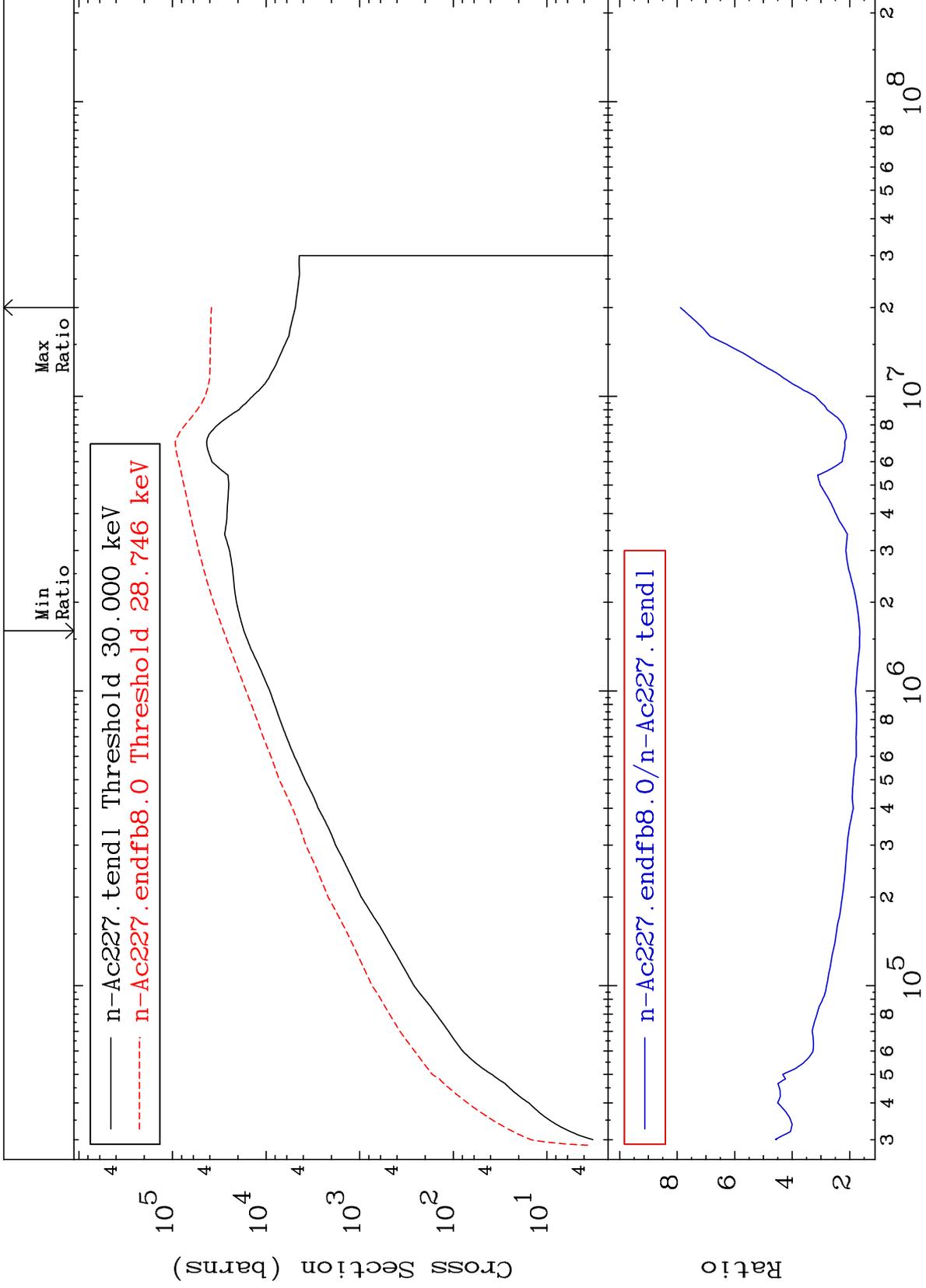


MAT 8931

Dpa elastic (mt2)  
Cross Section

89-Ac-227  
-46.71 To 46.87 %





MAT 8931

Dpa disappearance (mt102 -120)  
Cross Section

89-Ac-227  
-100.0 To 1832. %

