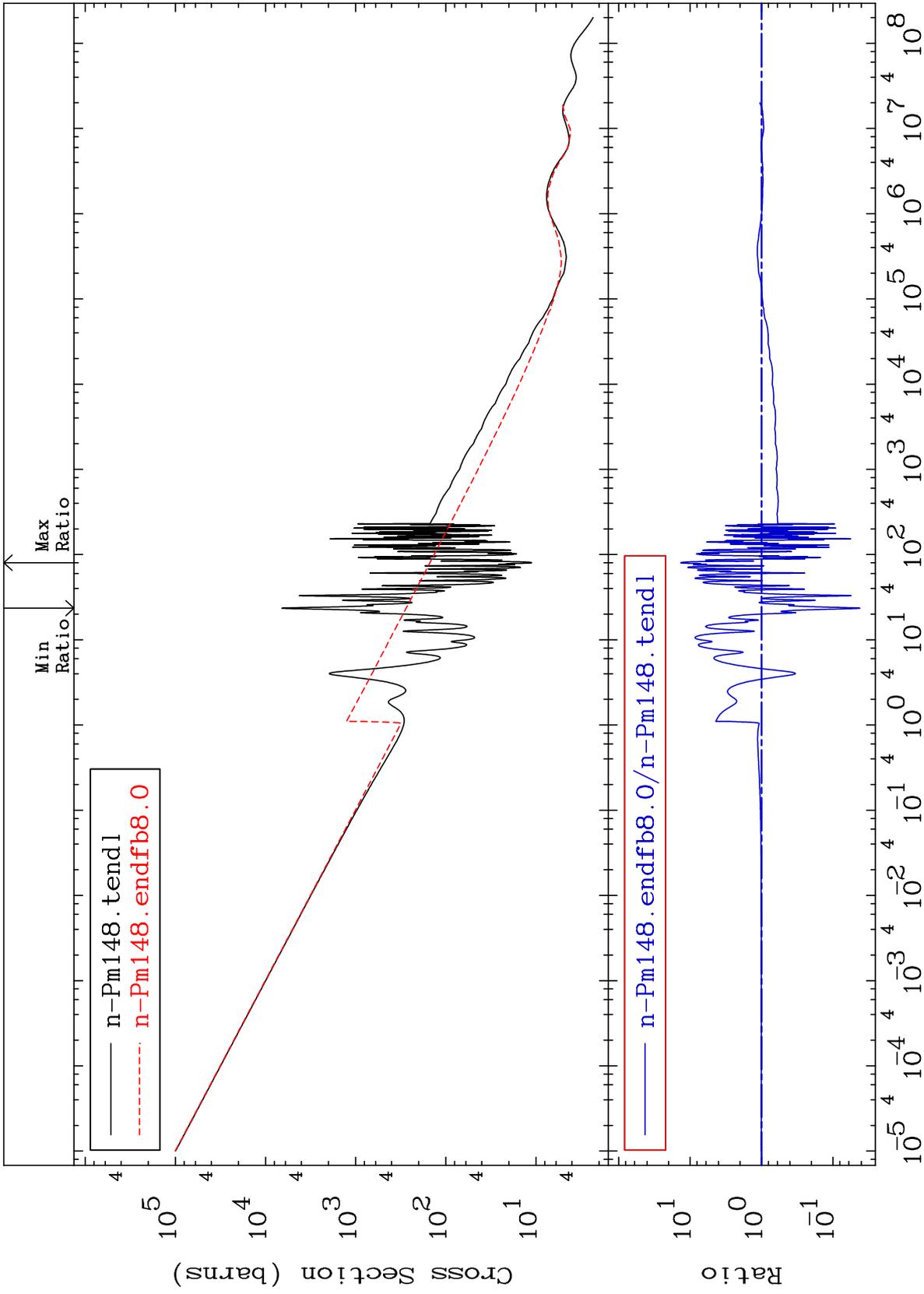


MAT 6152

Total Cross Section  
61-Pm-148  
-95.84 To 1252. %

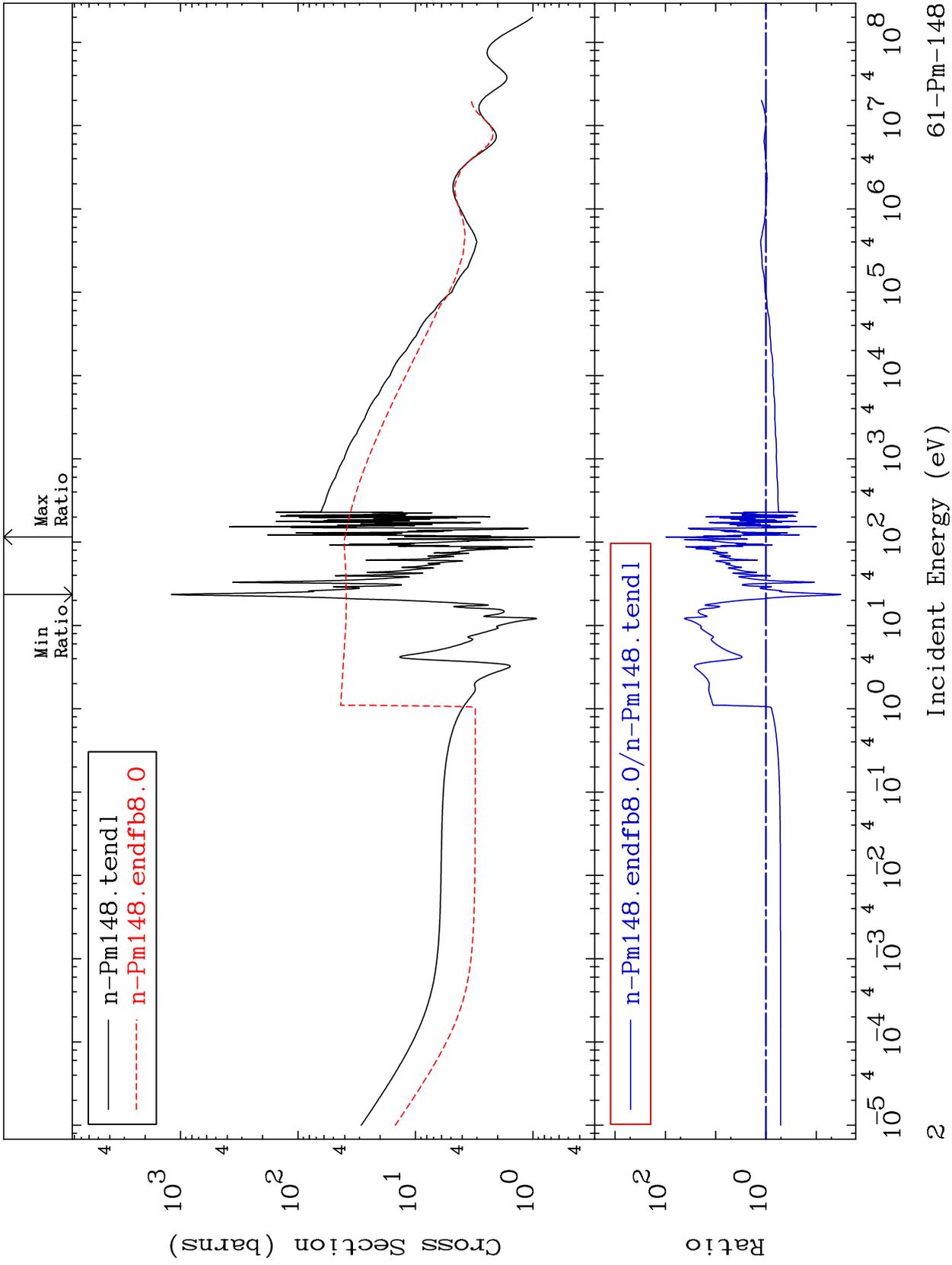


Incident Energy (eV) 61-Pm-148

MAT 6152

Elastic  
Cross Section

61-Pm-148  
-96.75 To 9841. %

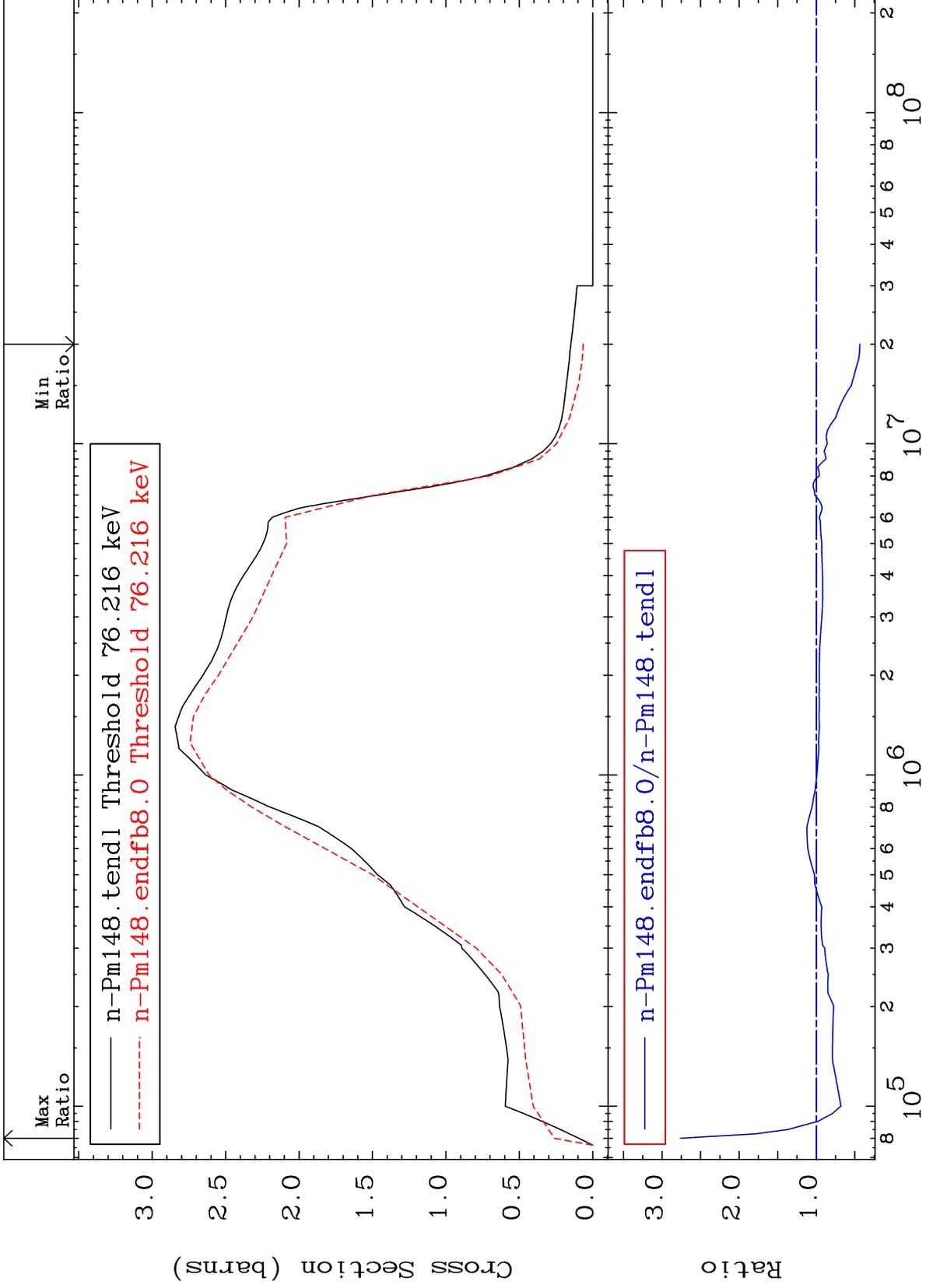


61-Pm-148

MAT 6152

Inelastic  
Cross Section

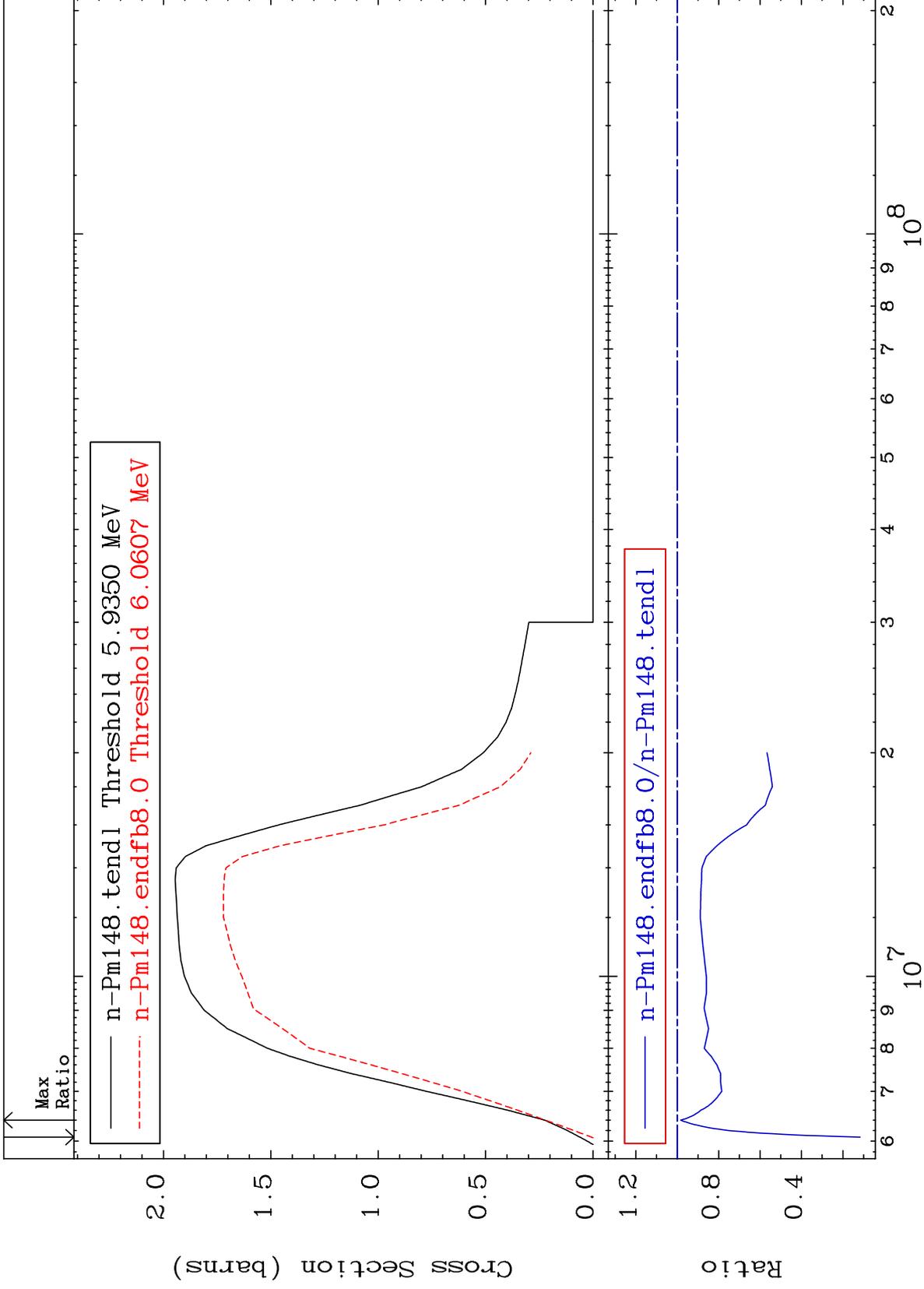
61-Pm-148  
-56.42 To 176.0 %



MAT 6152

(n,2n)  
Cross Section

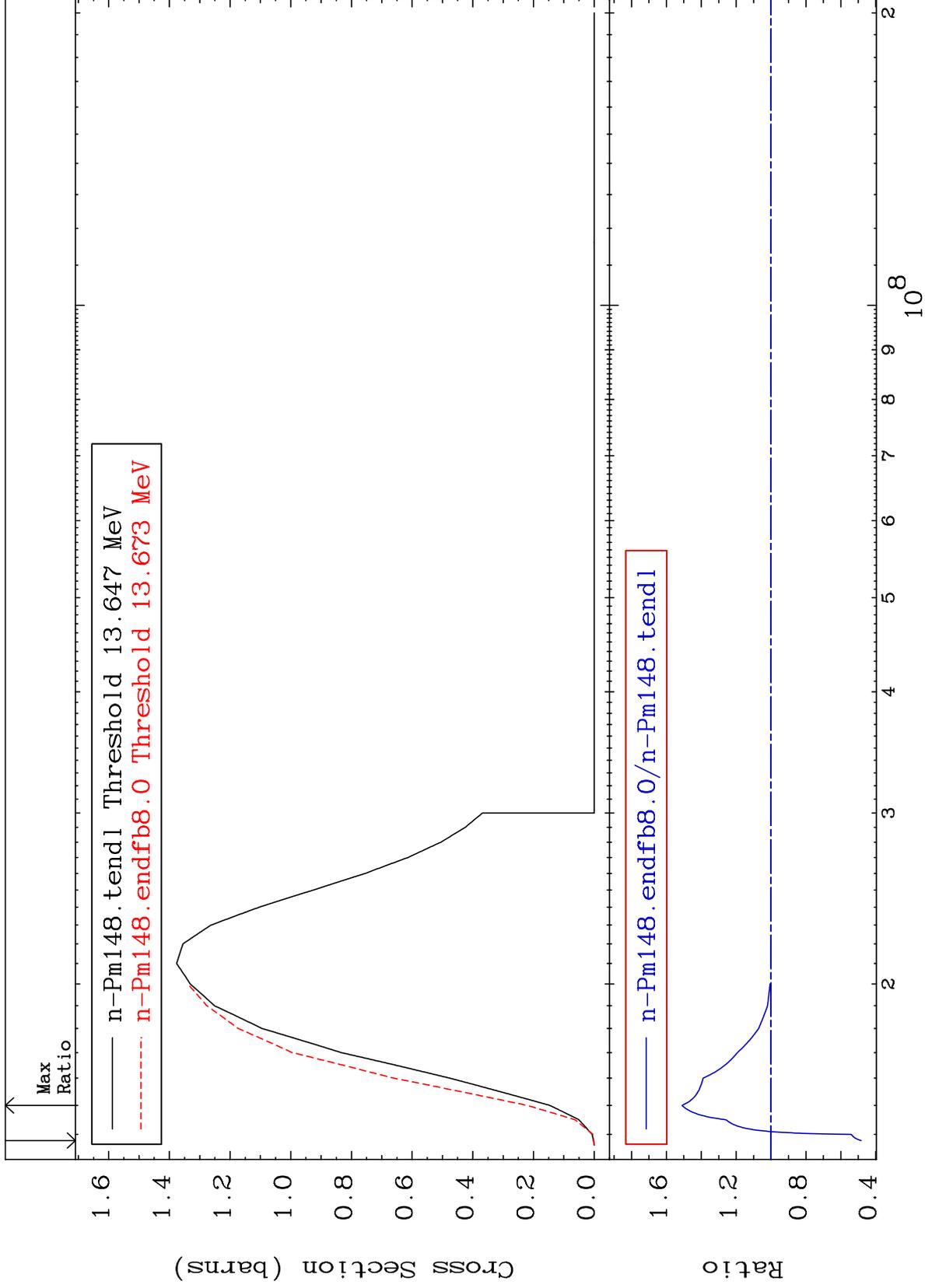
61-Pm-148  
-88.31 To -1.697%



MAT 6152

(n,3n)  
Cross Section

61-Pm-148  
-51.63 To 51.10 %



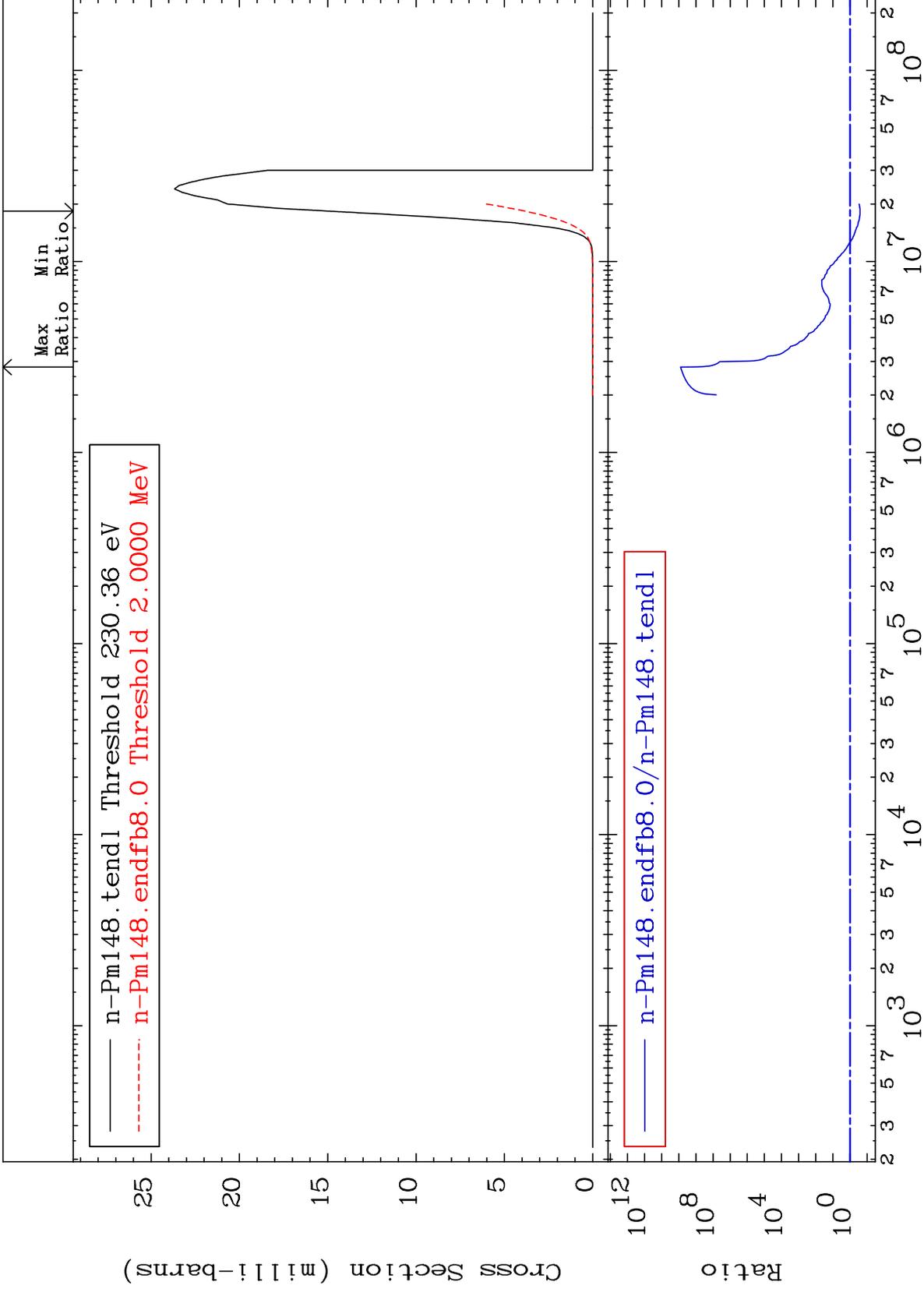
MAT 6152

(n, n')  $\alpha$

61-Pm-148

Cross Section

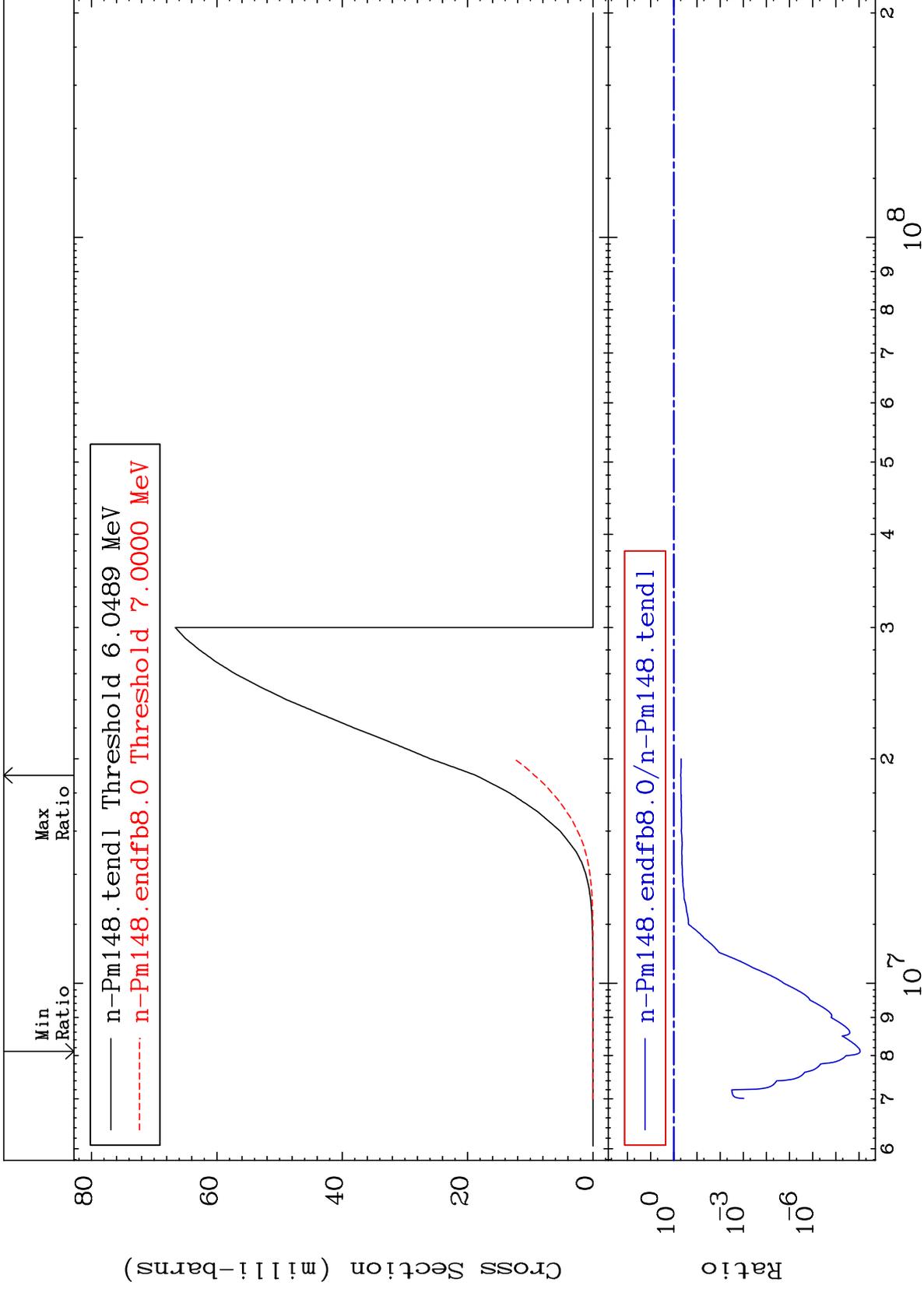
-74.32 To 9999. %



MAT 6152

(n,n') p  
Cross Section

61-Pm-148  
-100.0 To -50.00%



7

61-Pm-148

61-Pm-148

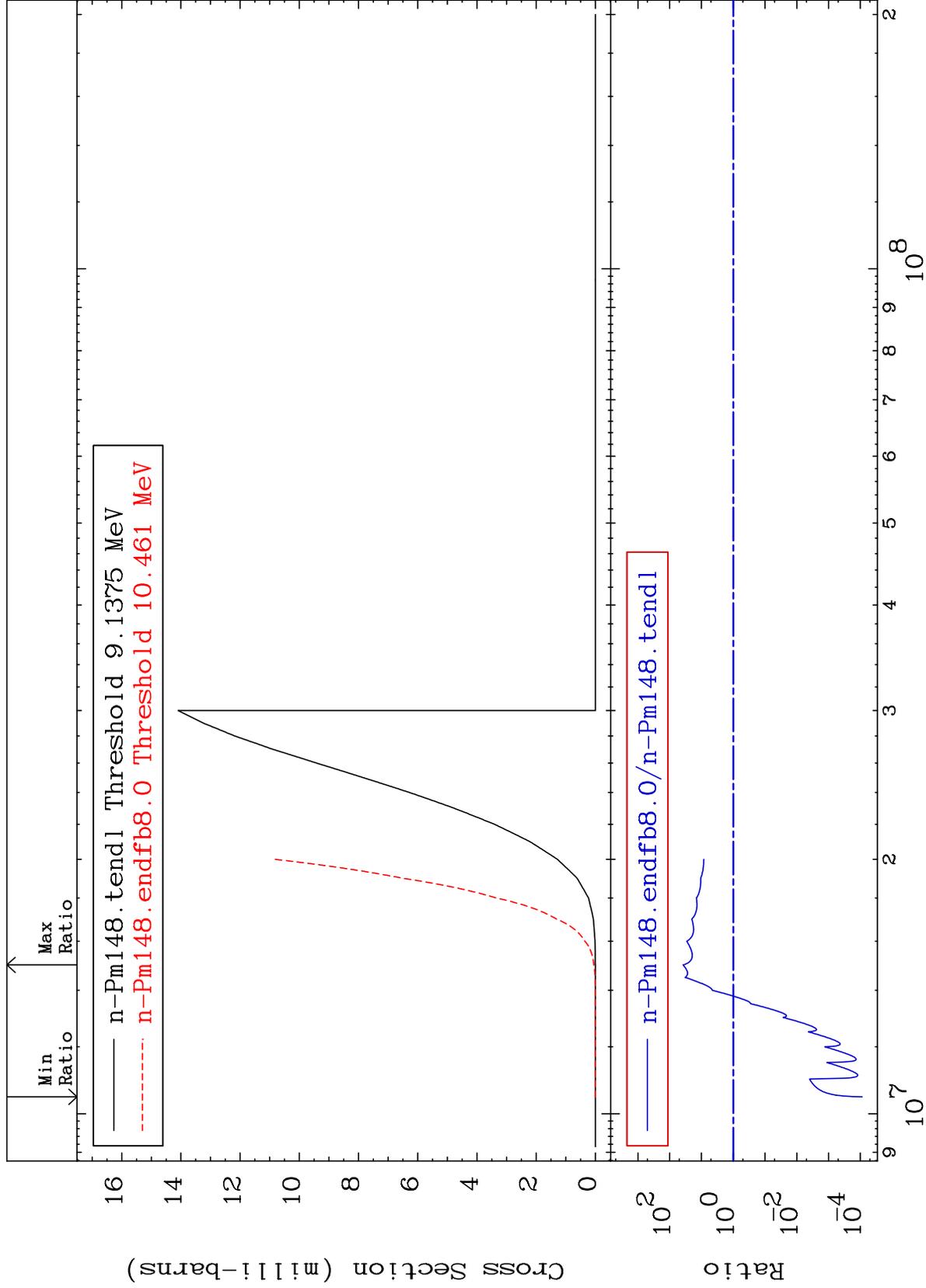
MAT 6152

(n, n') d

61-Pm-148

Cross Section

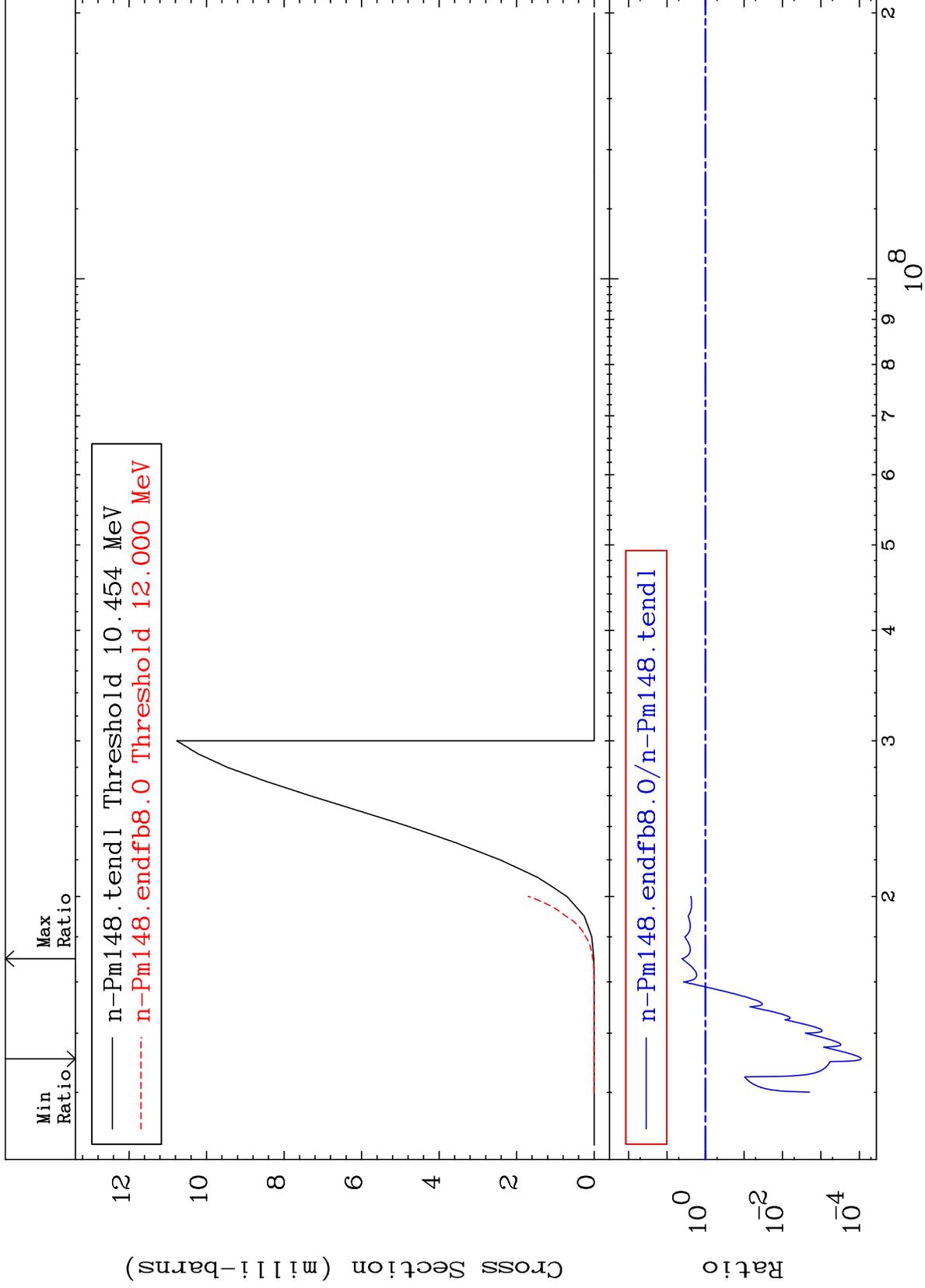
-99.99 To 3689. %



61-Pm-148

8

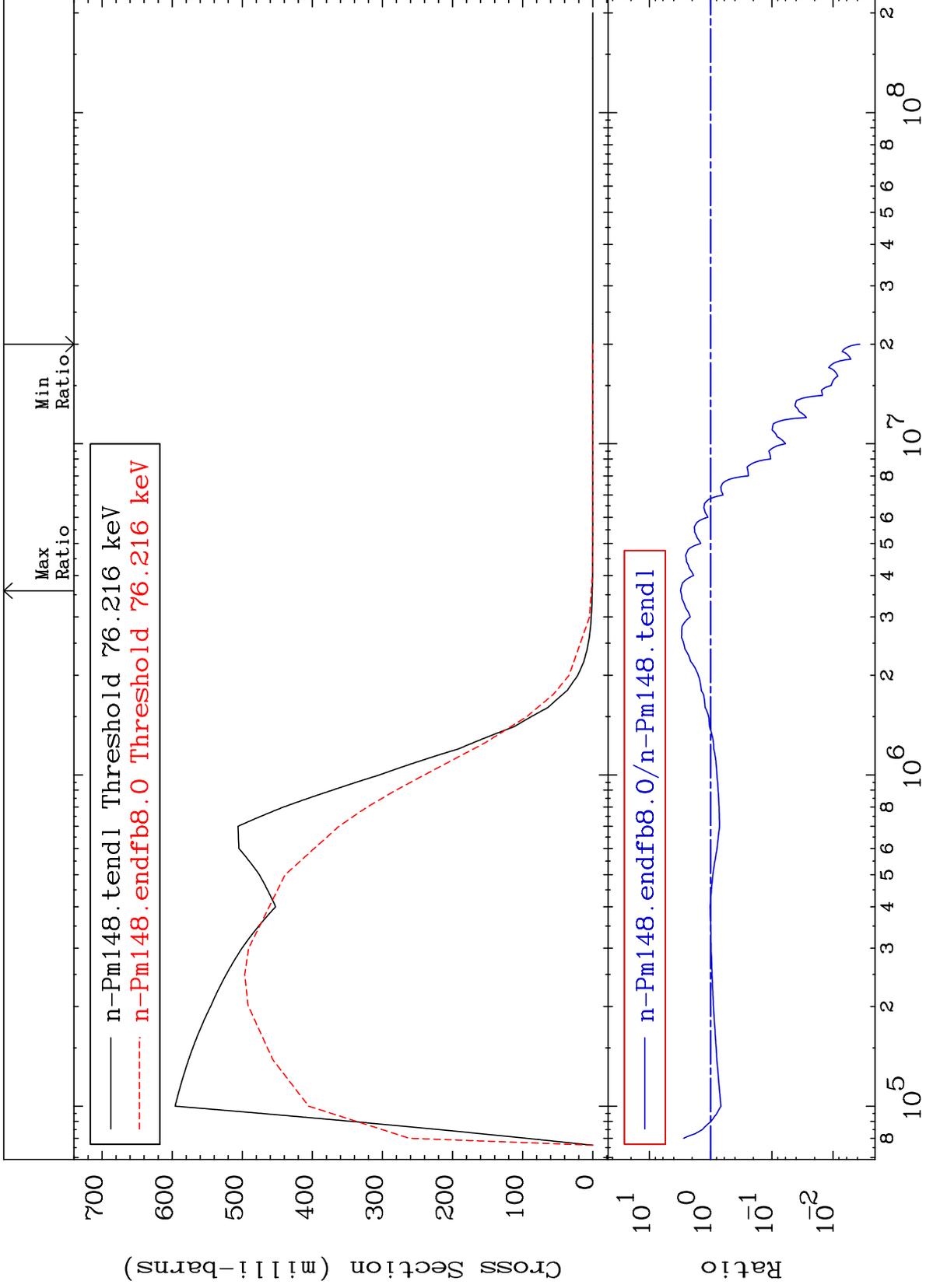
2



MAT 6152

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

61-Pm-148  
-99.63 To 210.4 %



10

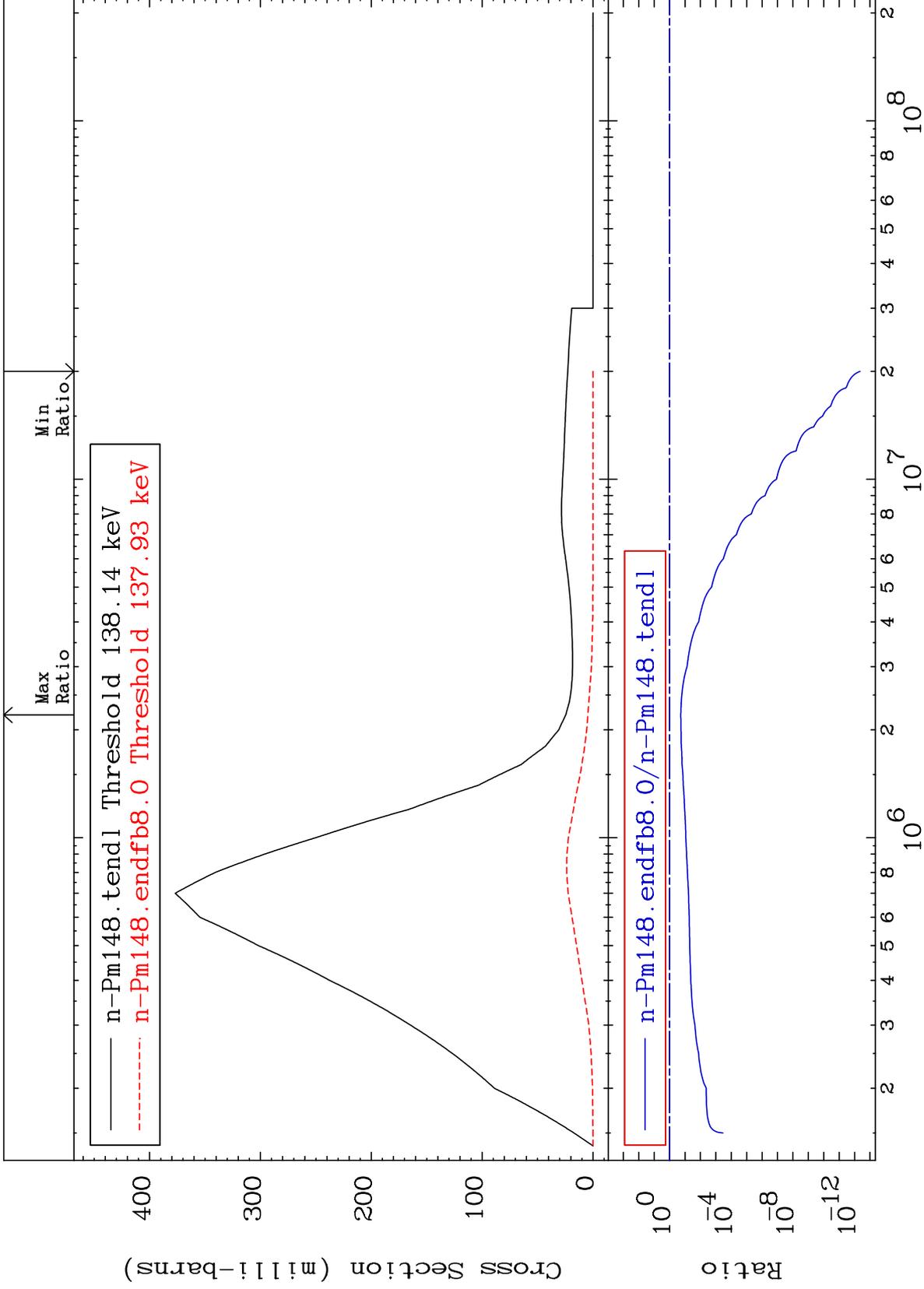
Incident Energy (eV)

61-Pm-148

MAT 6152

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

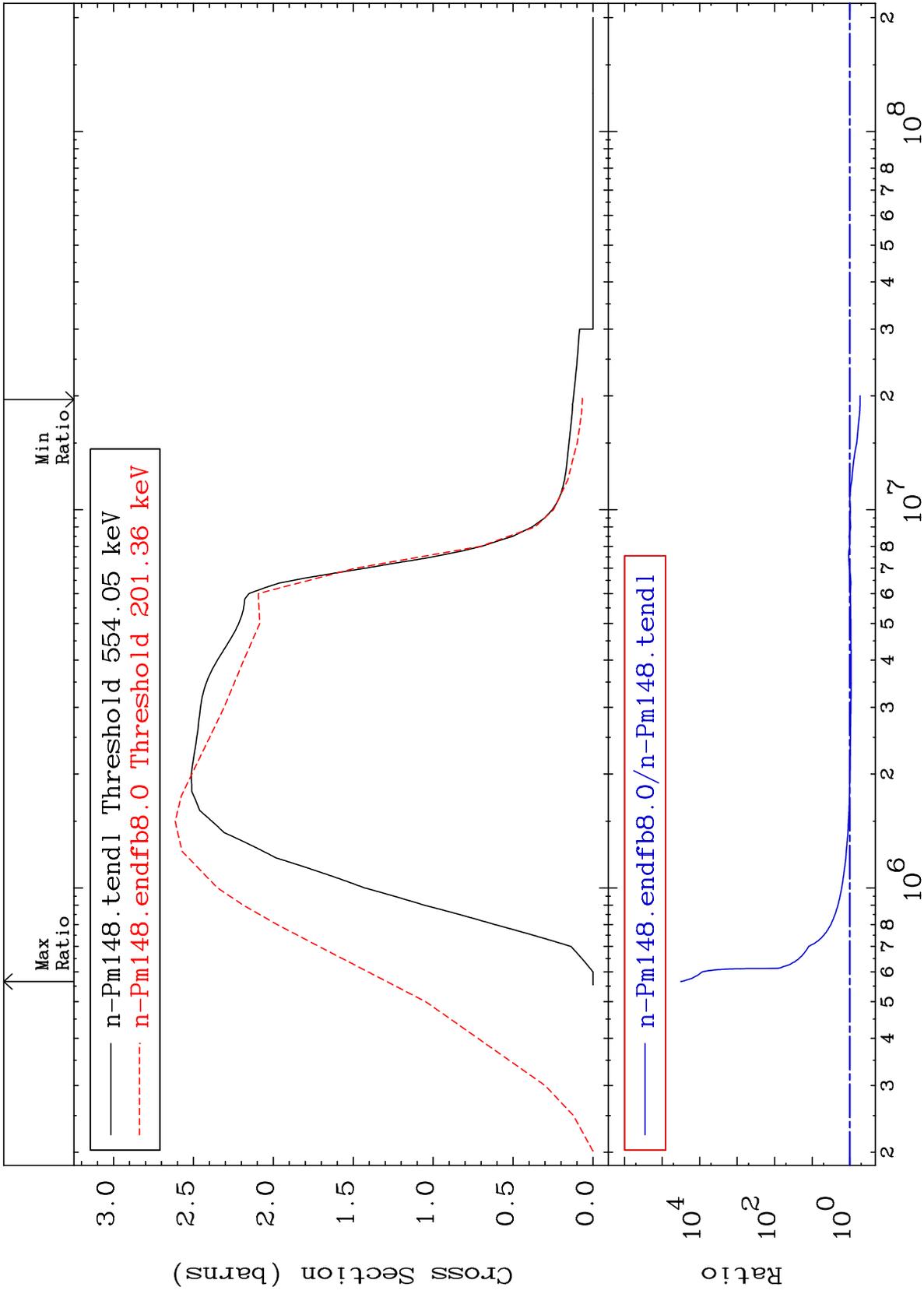
61-Pm-148  
-100.0 To -81.15%



MAT 6152

(n, n') Continuum  
Cross Section

61-Pm-148  
-46.50 To 9999. %



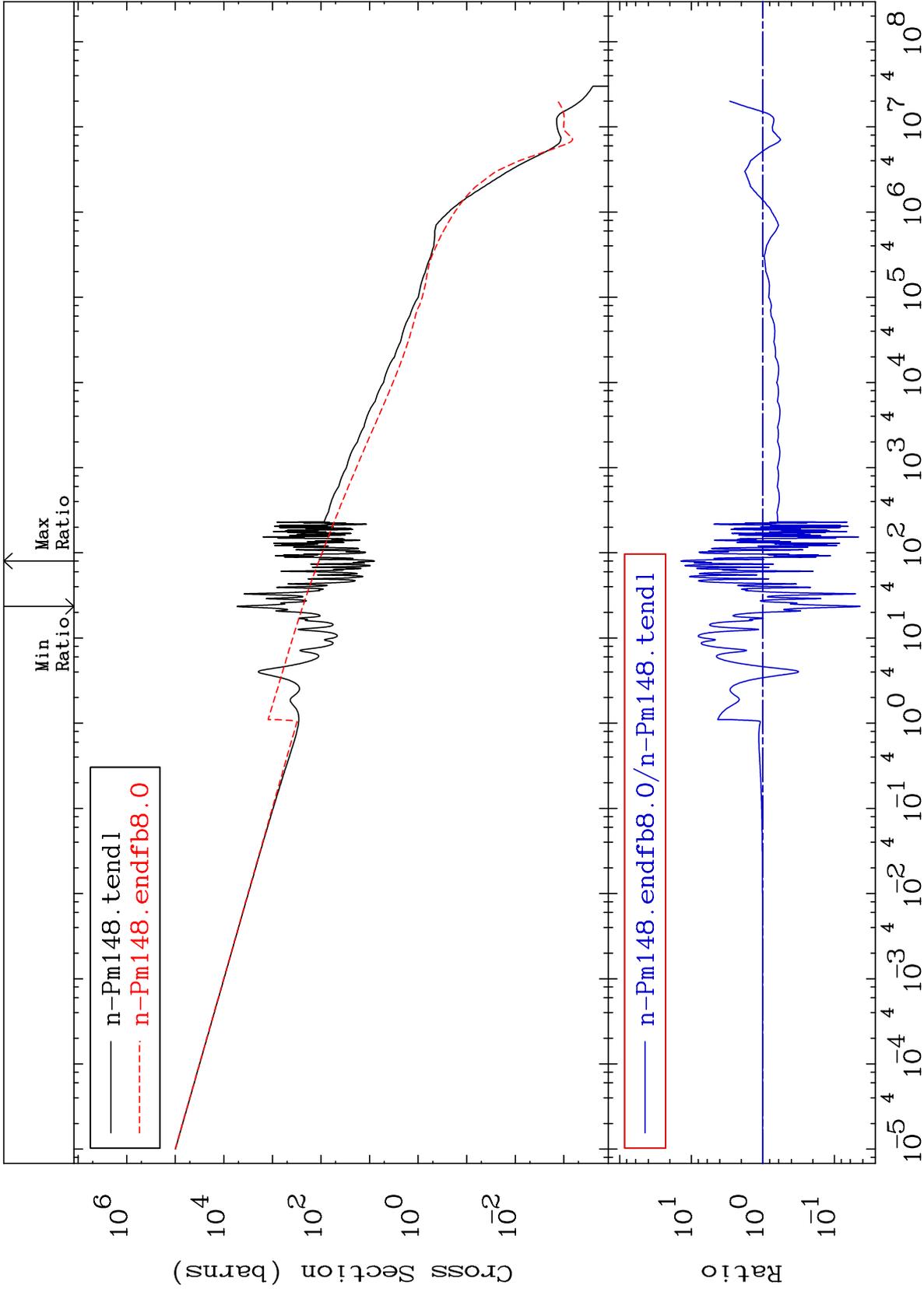
12

Incident Energy (eV)

61-Pm-148

MAT 6152

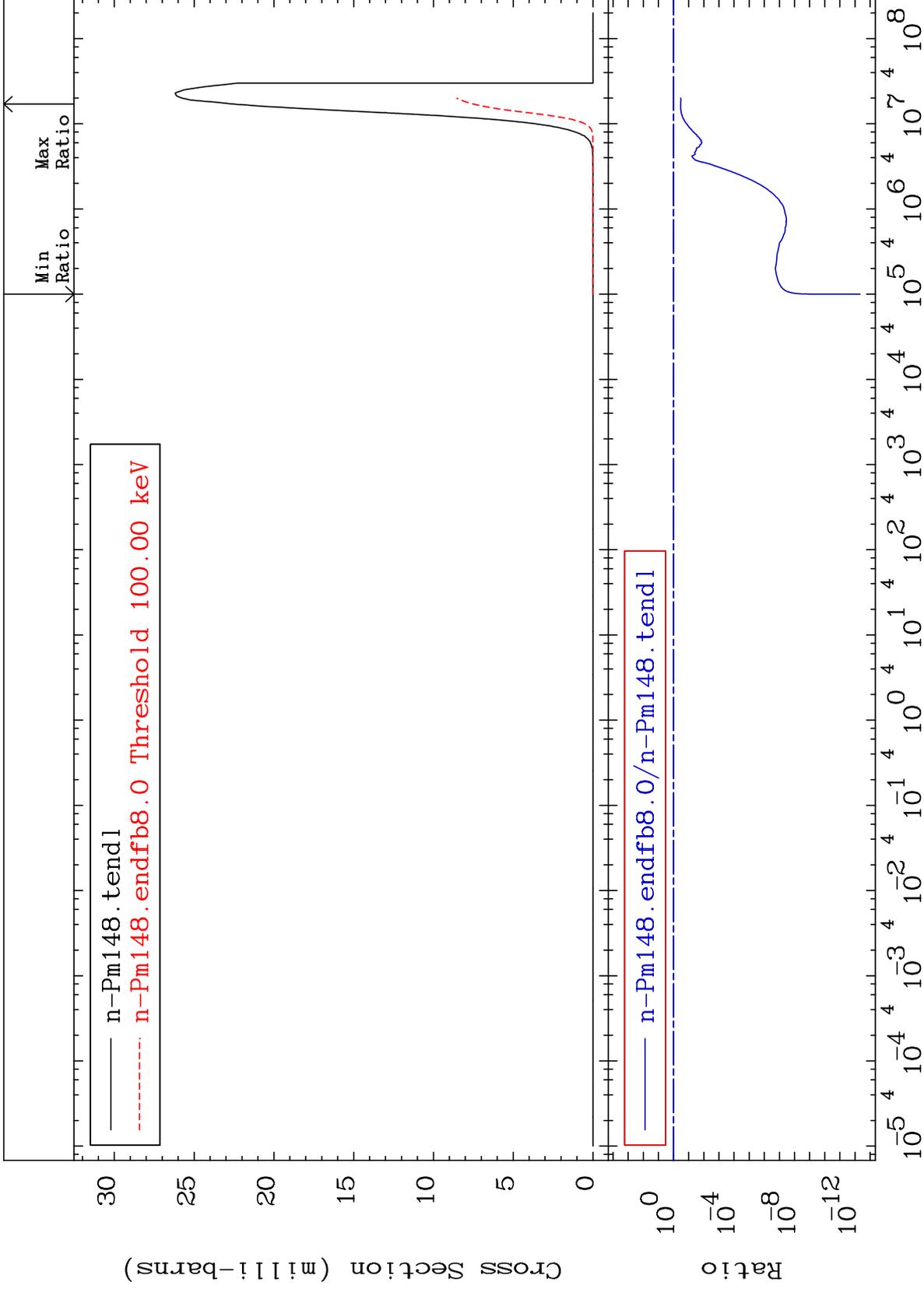
(n,  $\gamma$ )  
Cross Section  
61-Pm-148  
-95.63 To 1305. %



MAT 6152

(n,p)  
Cross Section

61-Pm-148  
-100.0 To -66.65%



14

Incident Energy (eV)

61-Pm-148

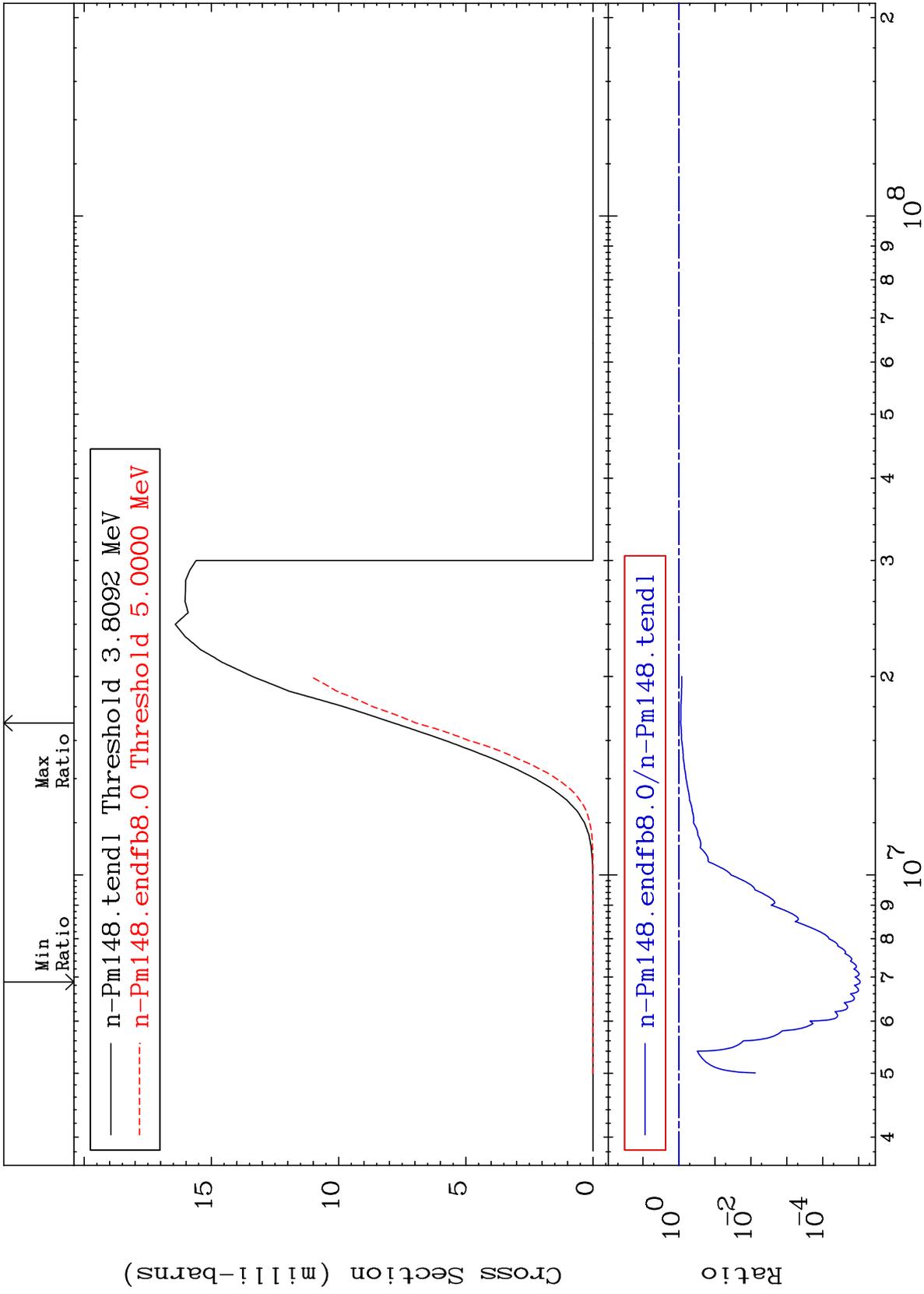
MAT 6152

(n, d)

61-Pm-148

Cross Section

-100.0 To -11.15%



15

61-Pm-148

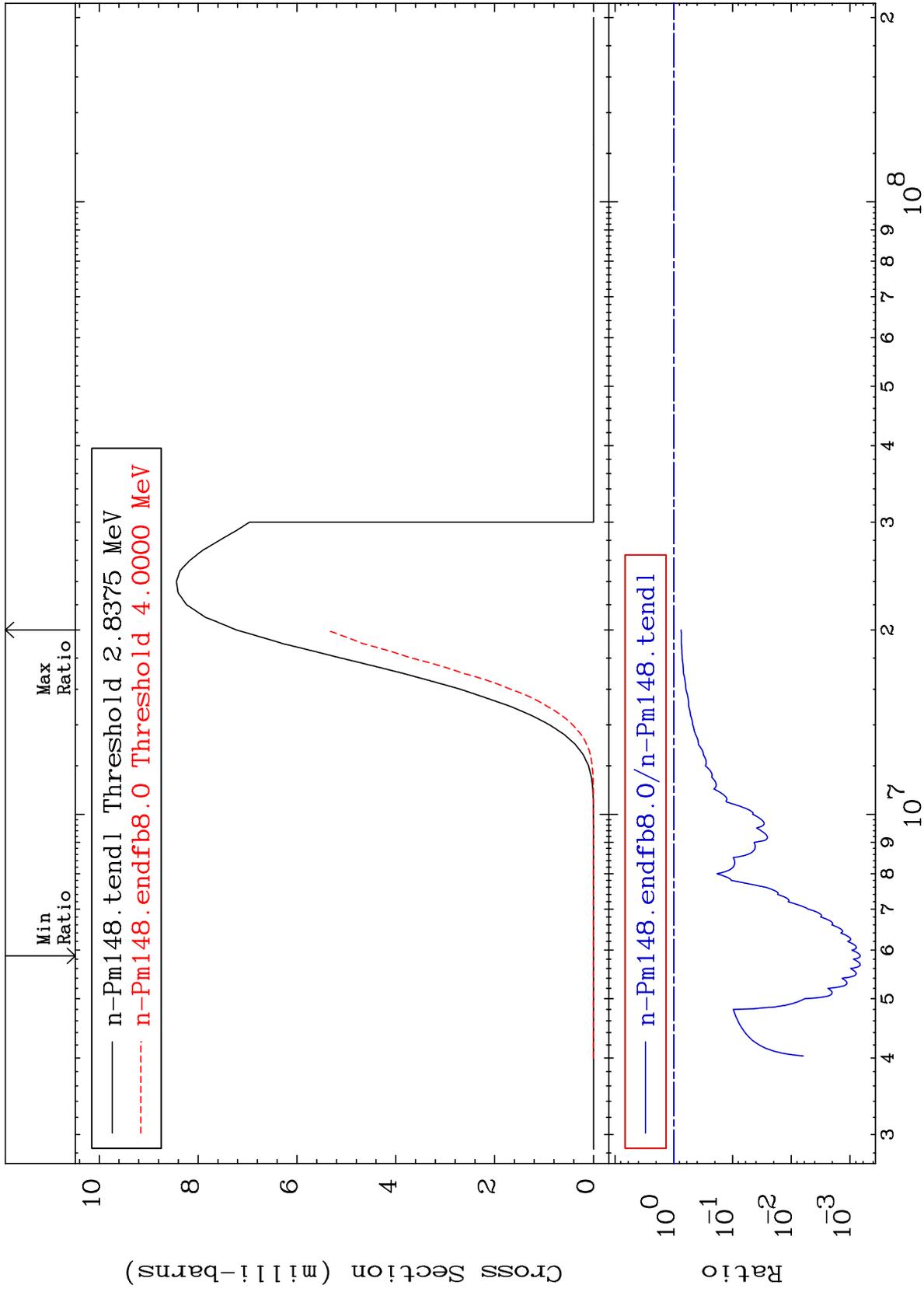
61-Pm-148

MAT 6152

61-Pm-148

-99.93 To -25.11%

(n, t)  
Cross Section



16

Incident Energy (eV)

61-Pm-148

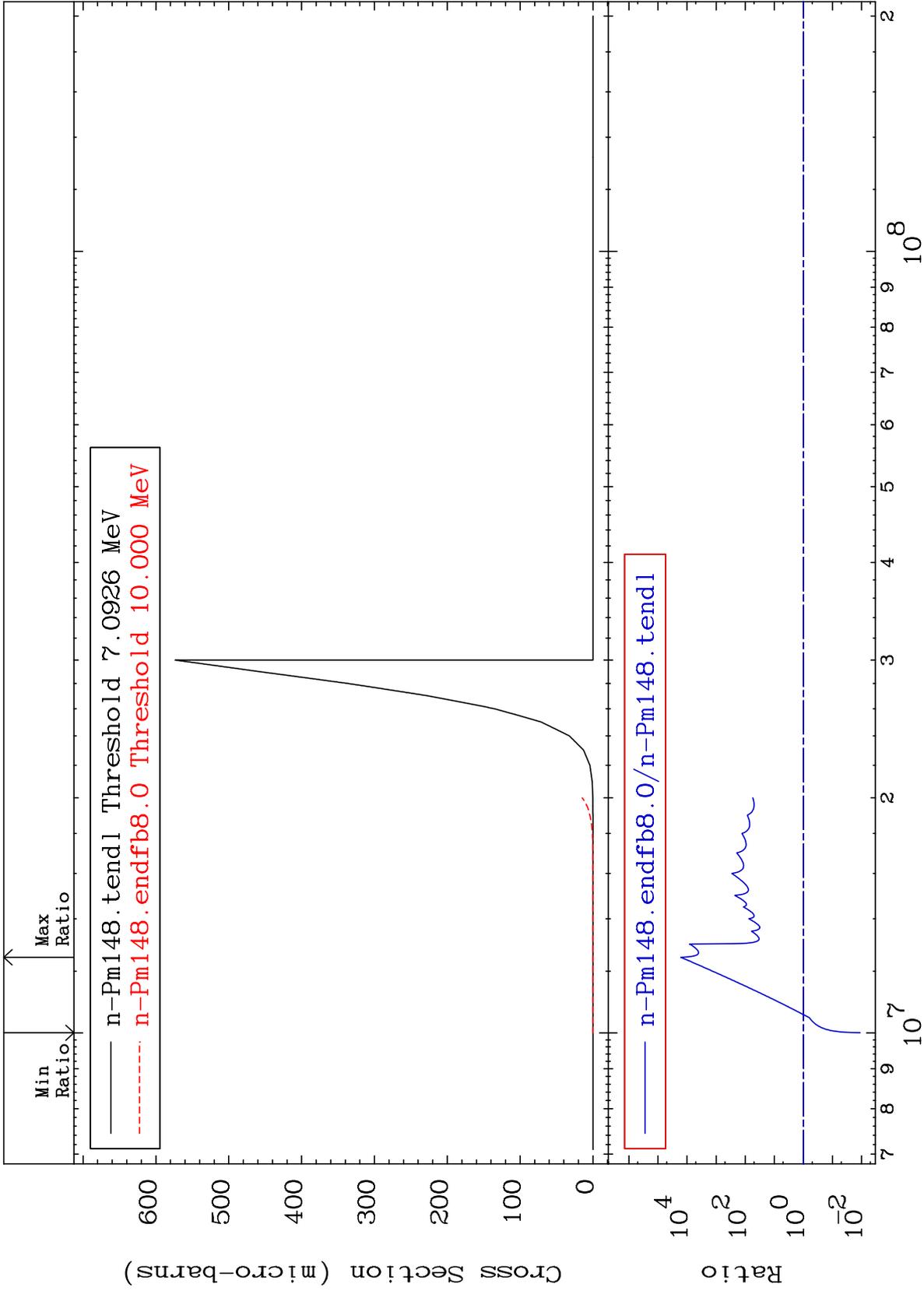
MAT 6152

(n, He-3)

61-Pm-148

Cross Section

-98.87 To 9999. %



17

Incident Energy (eV)

61-Pm-148

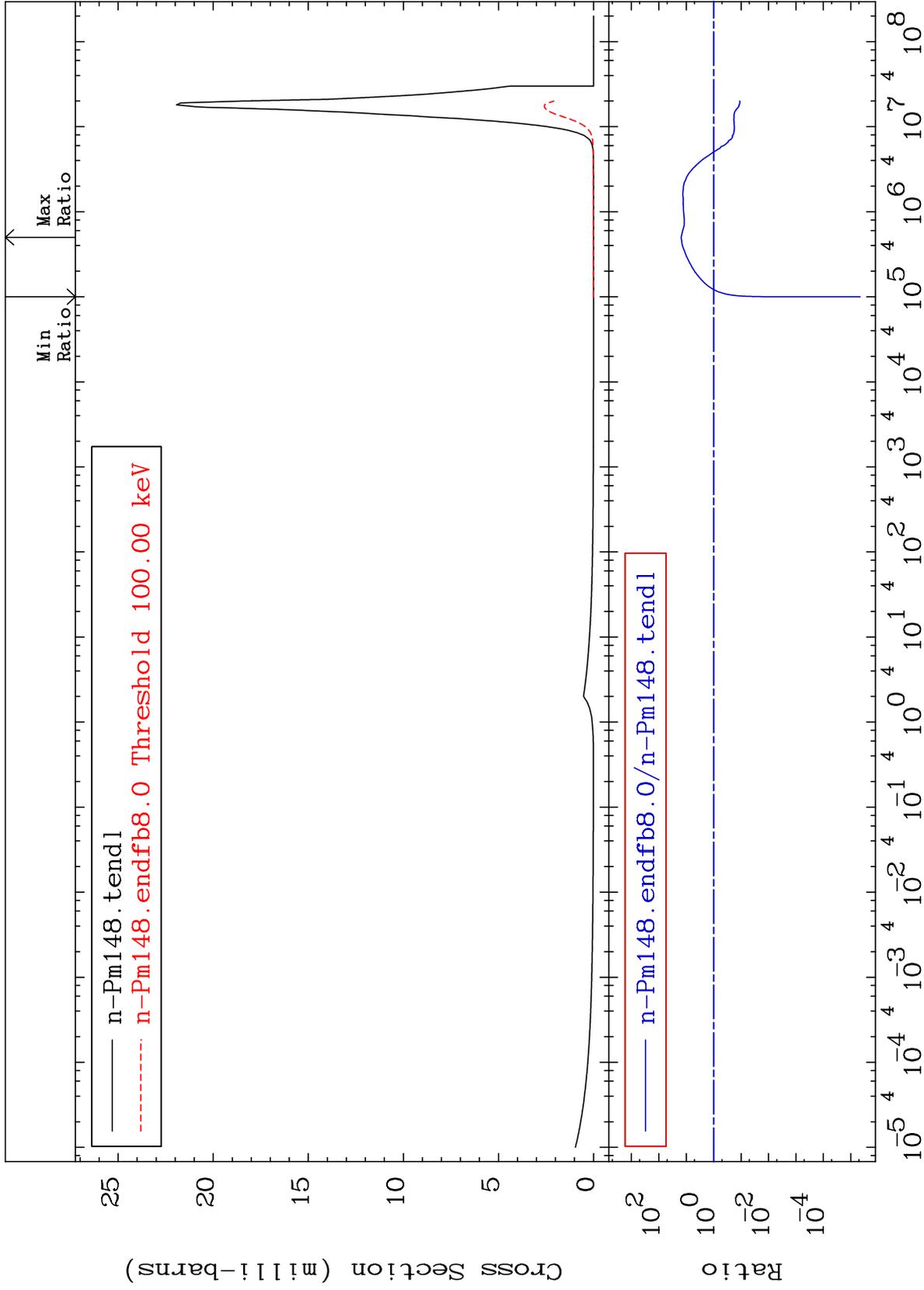
MAT 6152

(n,  $\alpha$ )

61-Pm-148

Cross Section

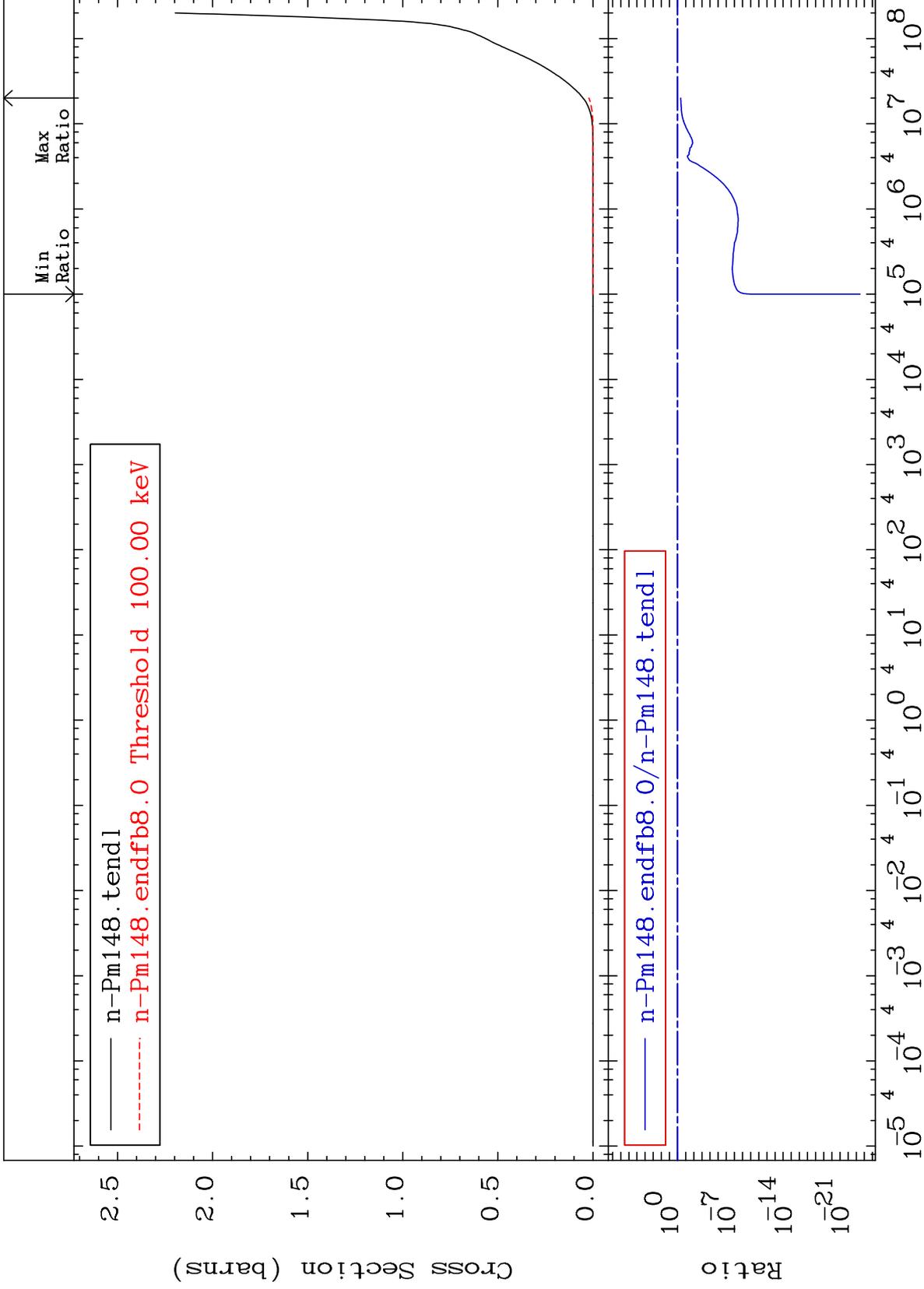
-100.0 To 1431. %

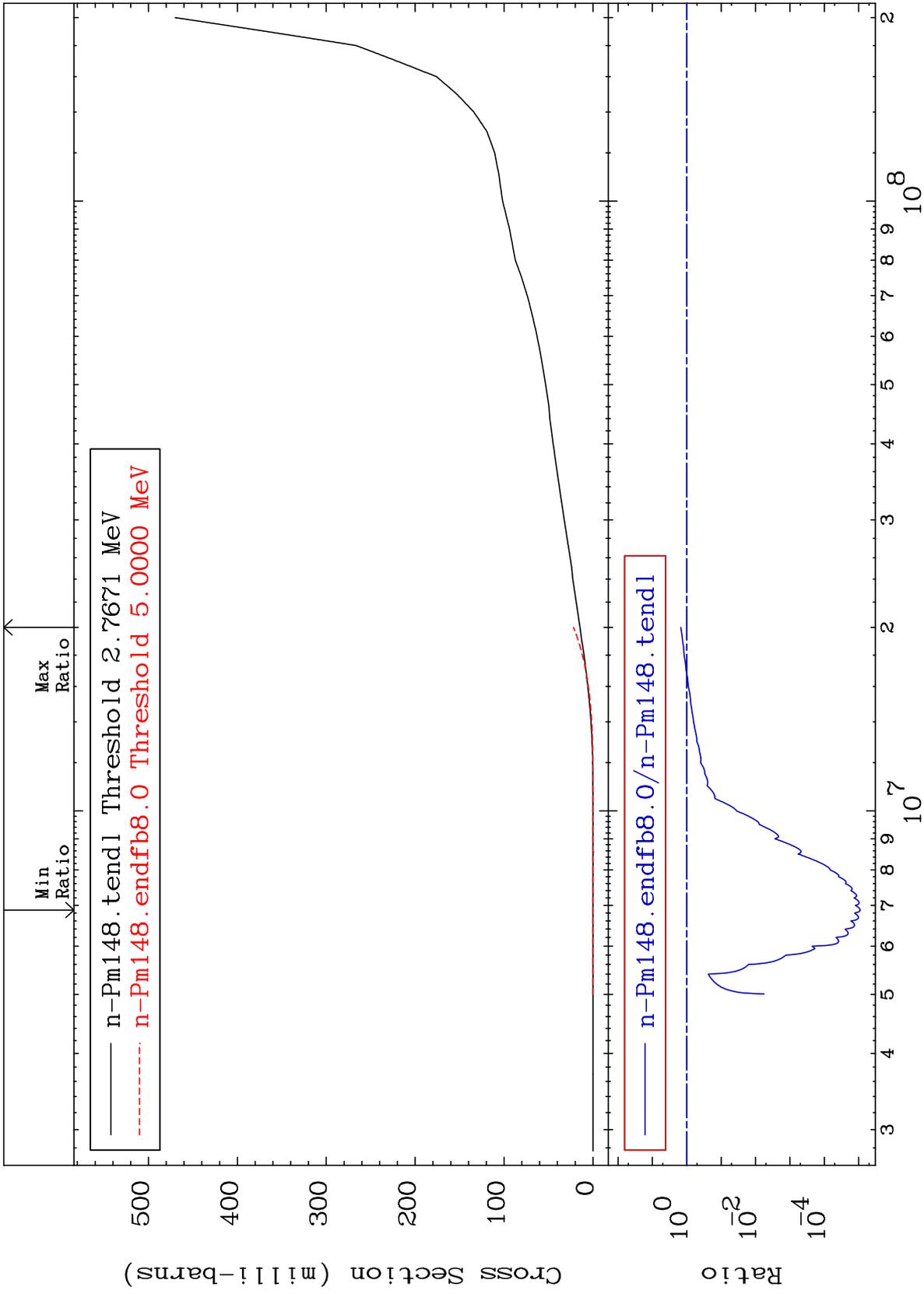


18

Incident Energy (eV)

61-Pm-148

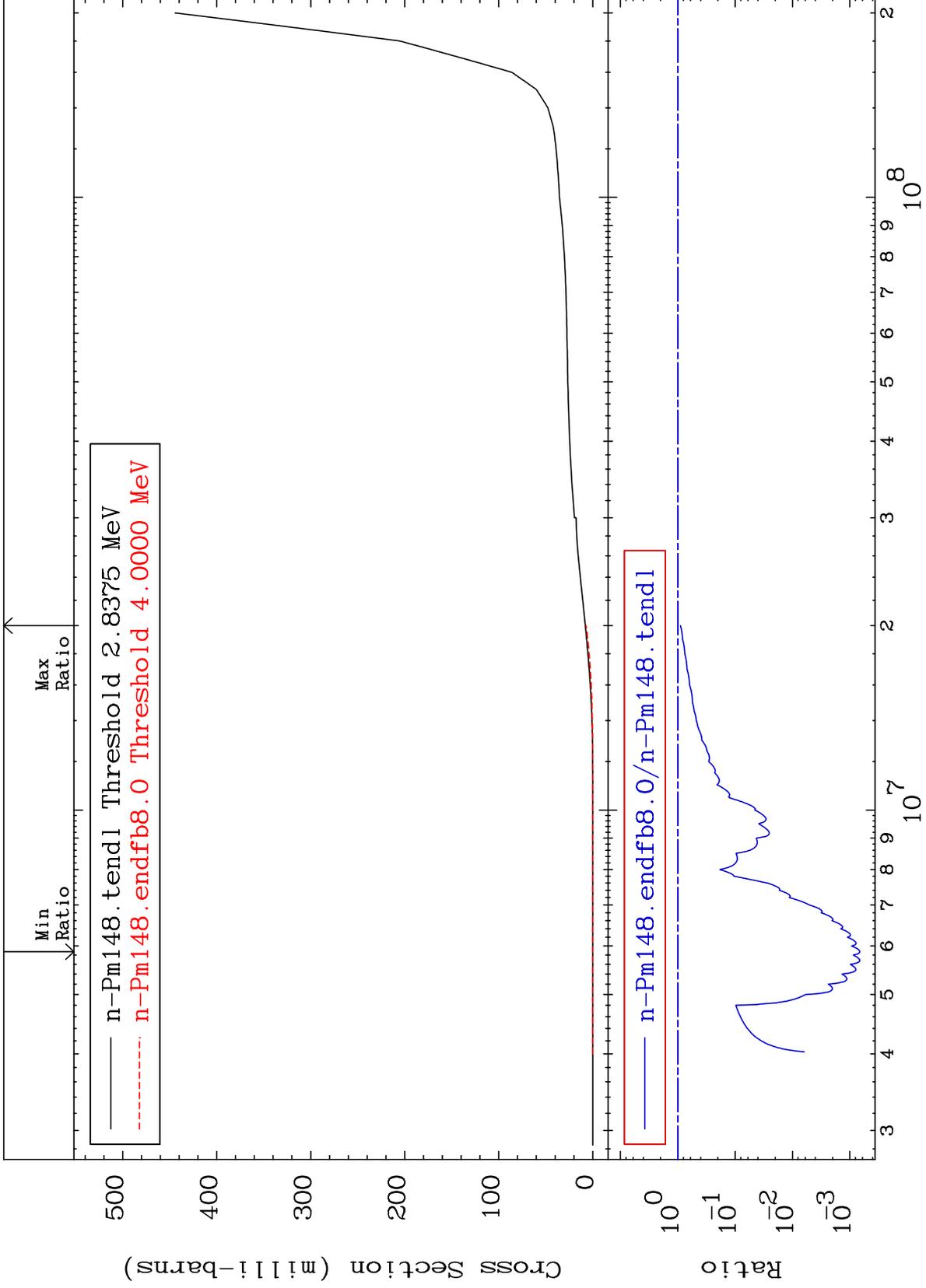




MAT 6152

Tritium Production  
Cross Section

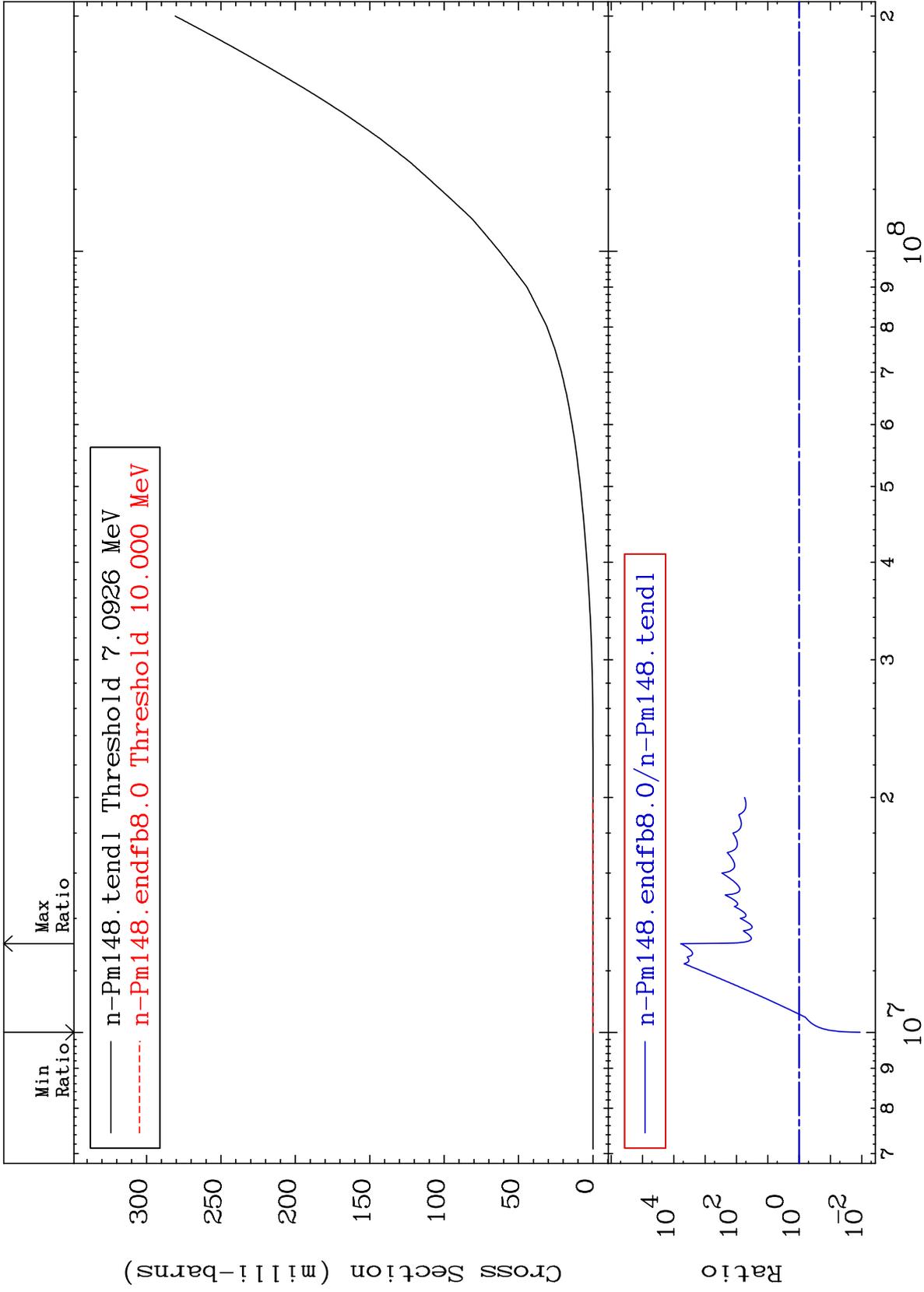
61-Pm-148  
-99.93 To -10.33%



MAT 6152

He-3 Production  
Cross Section

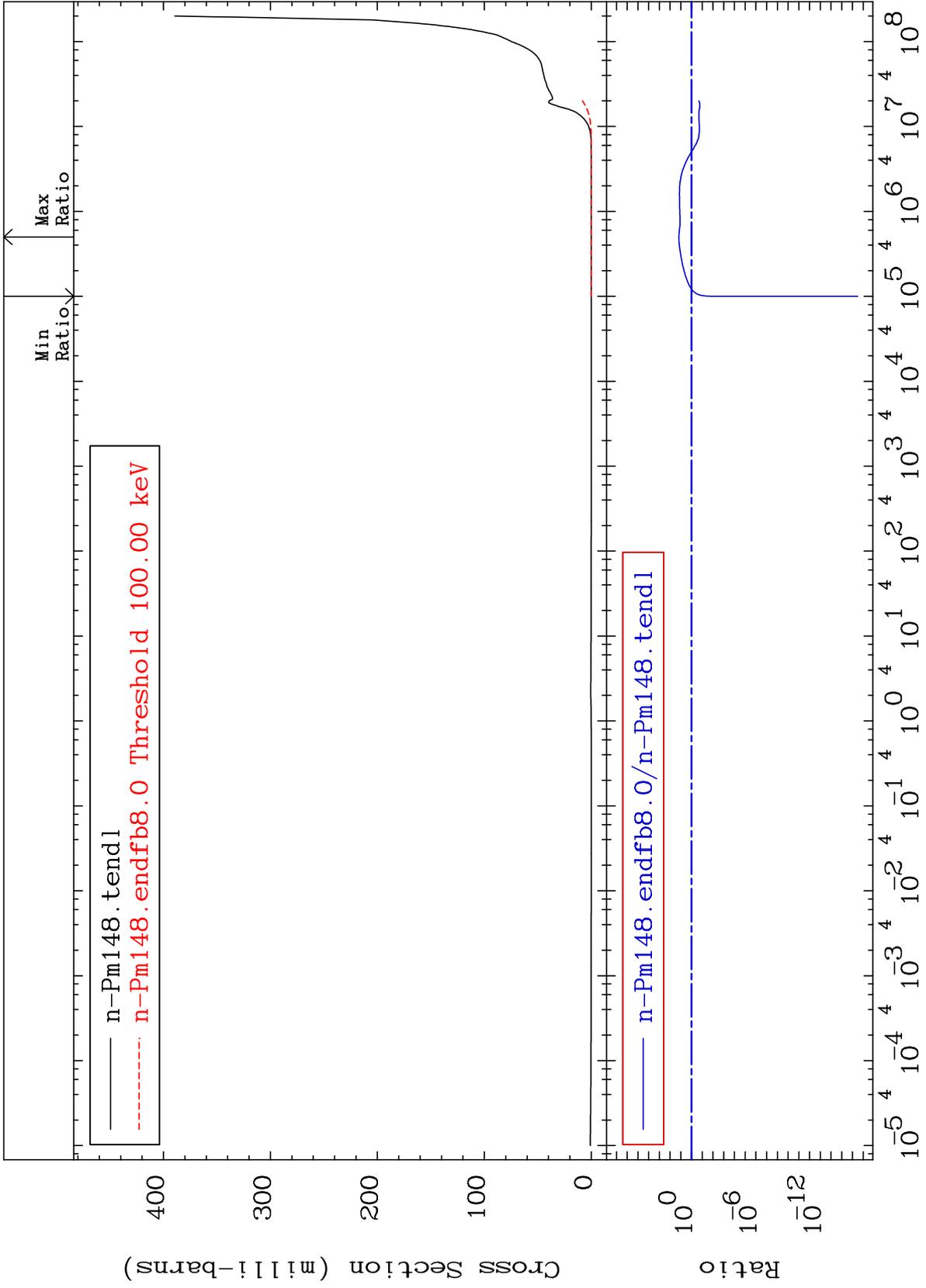
61-Pm-148  
-98.87 To 9999. %

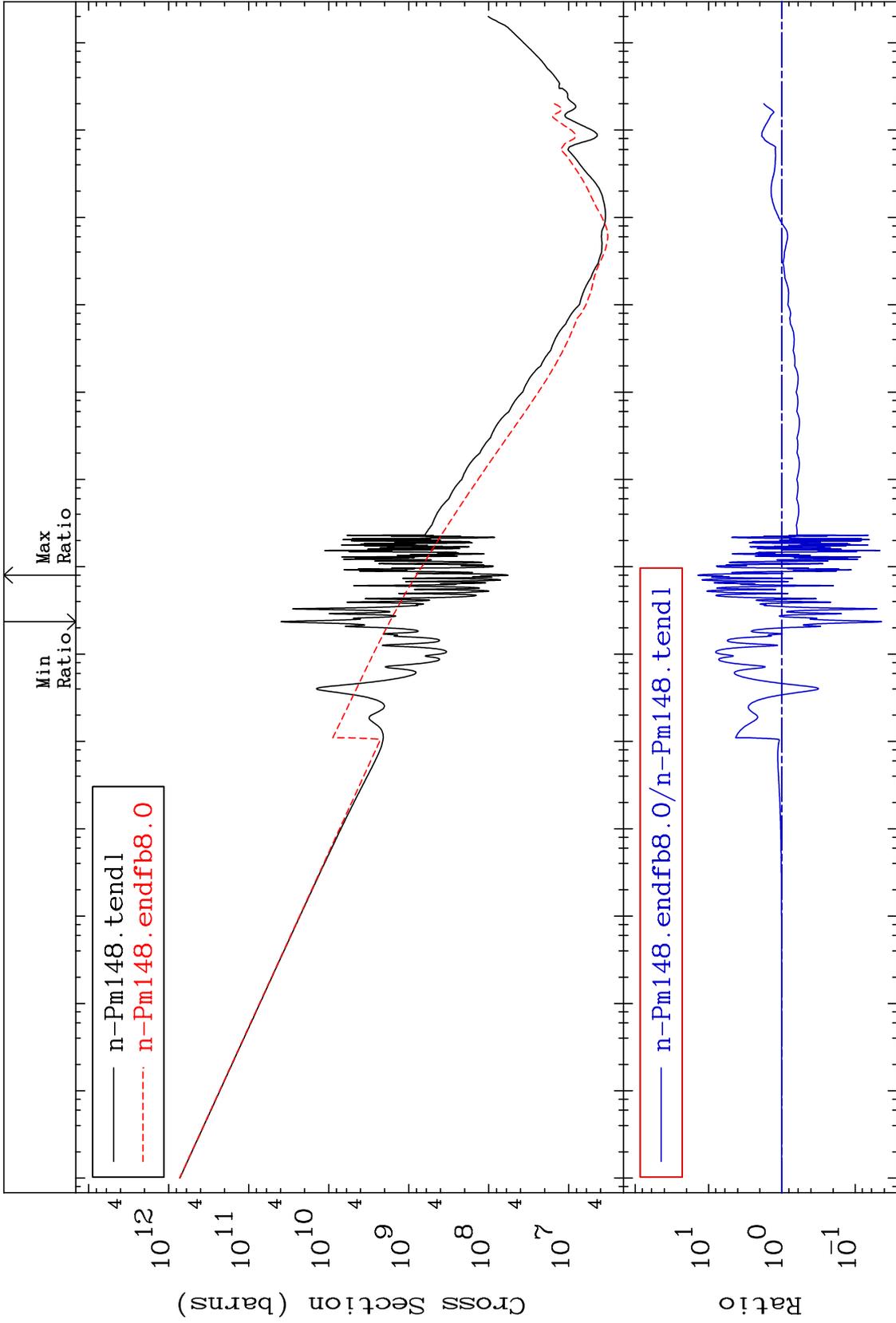


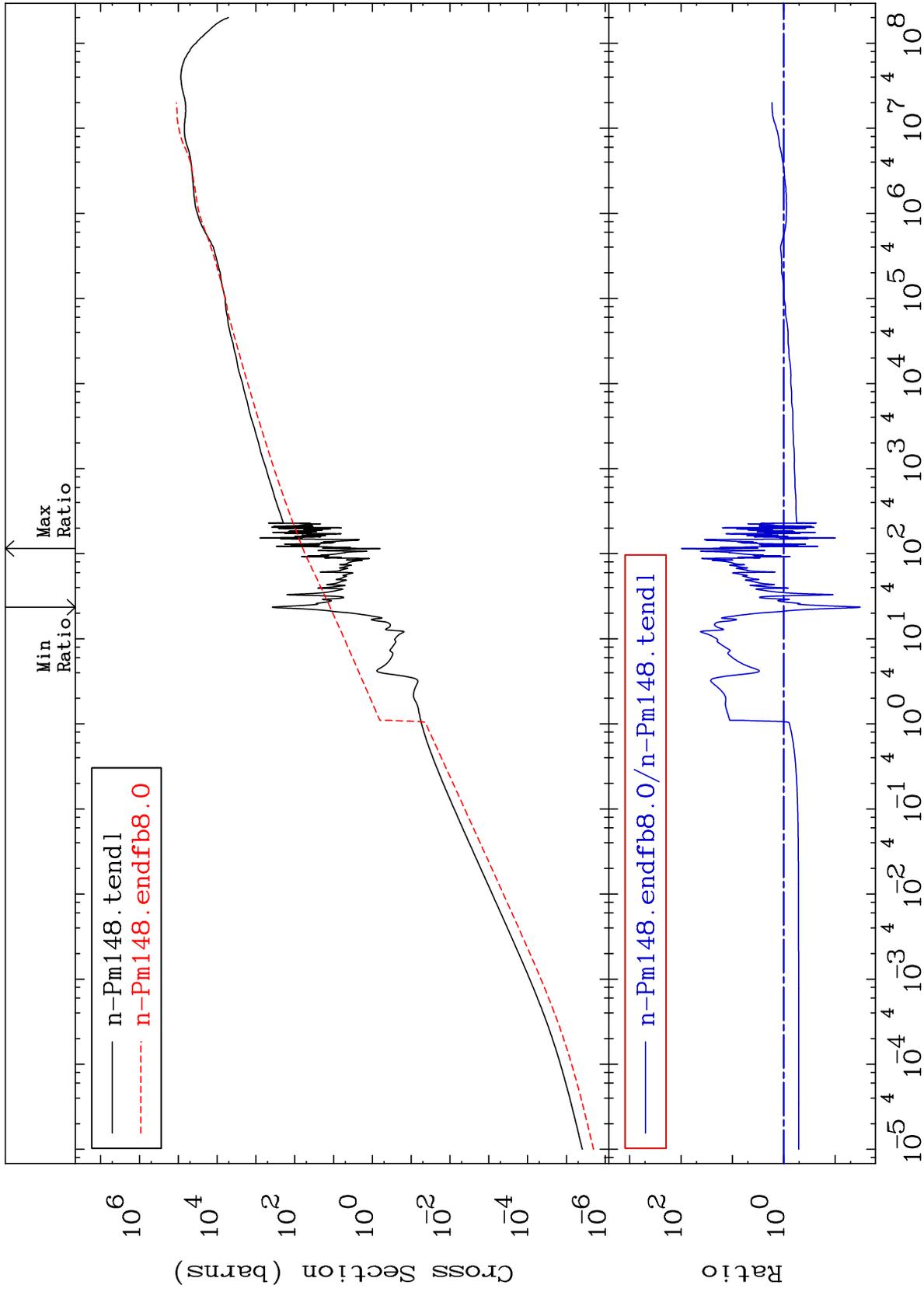
MAT 6152

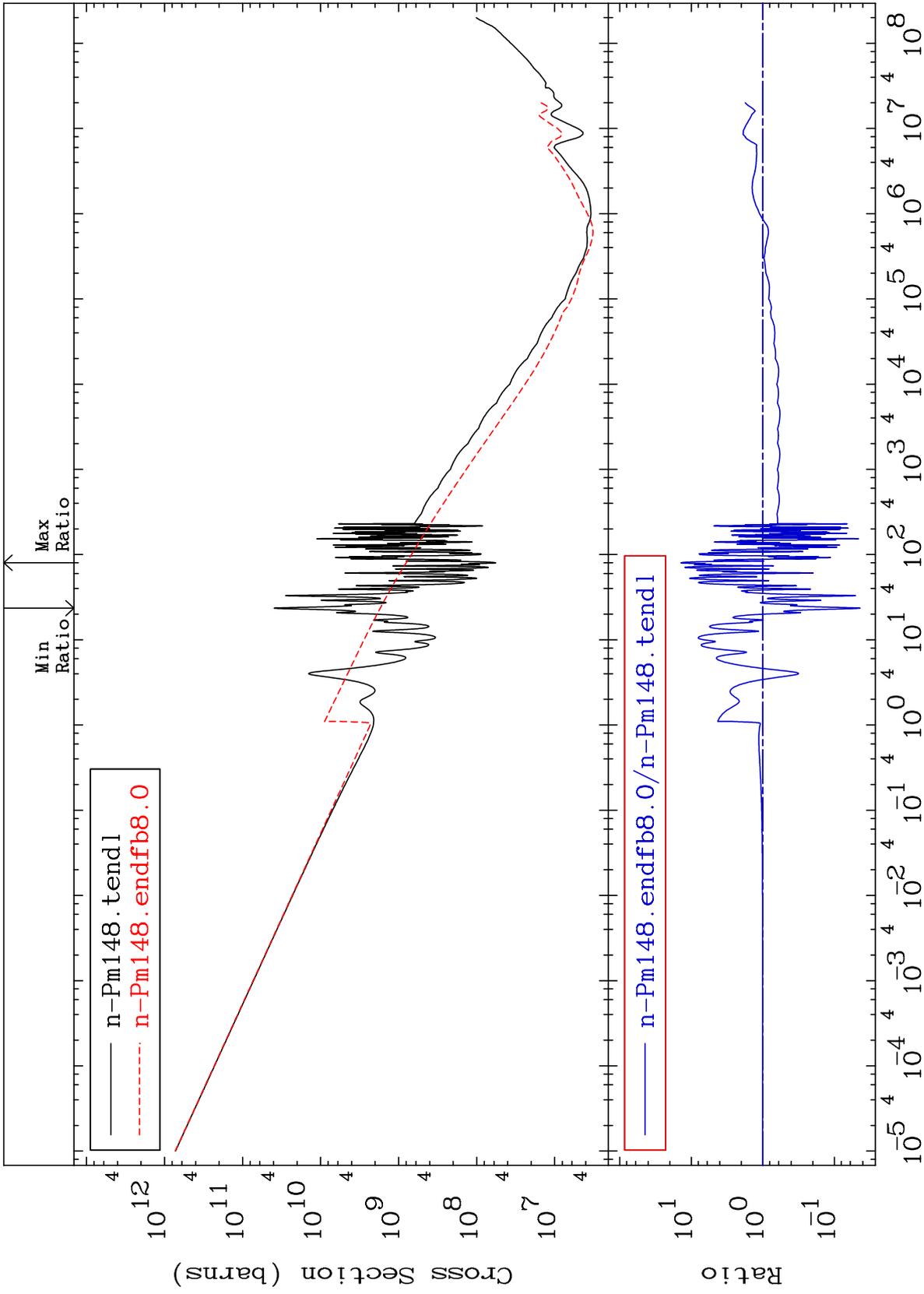
He-4 Production  
Cross Section

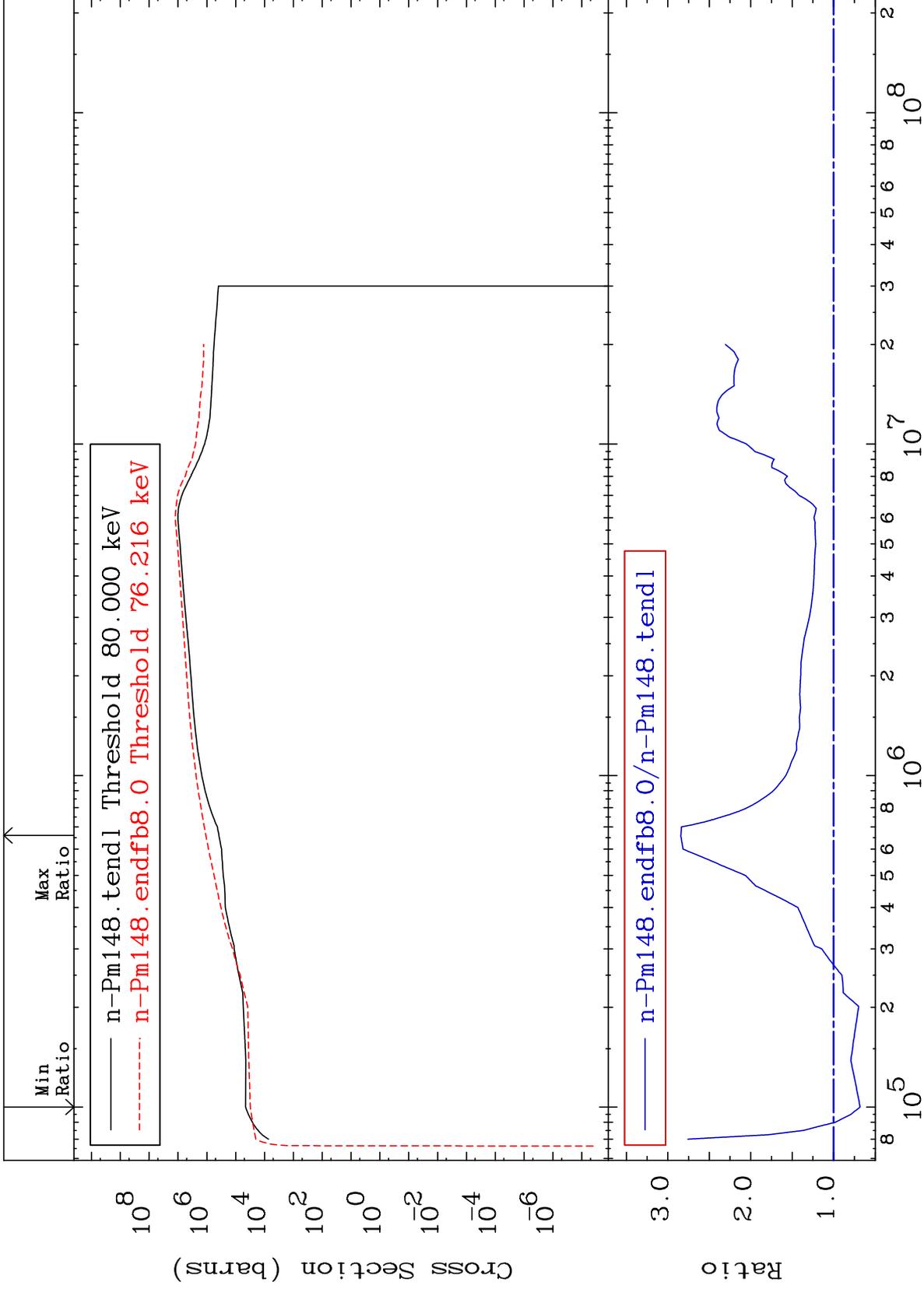
61-Pm-148  
-100.0 To 1431. %







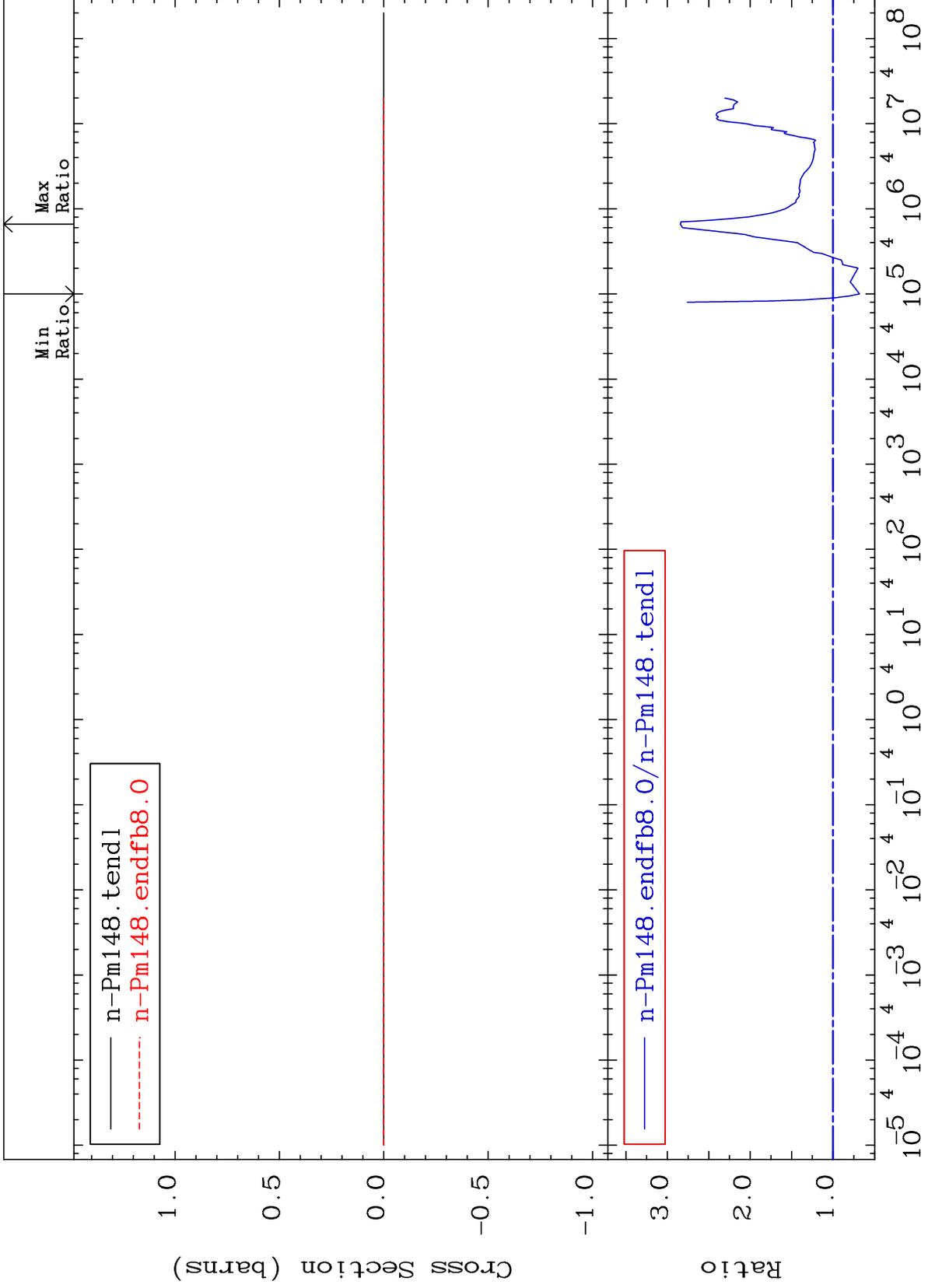


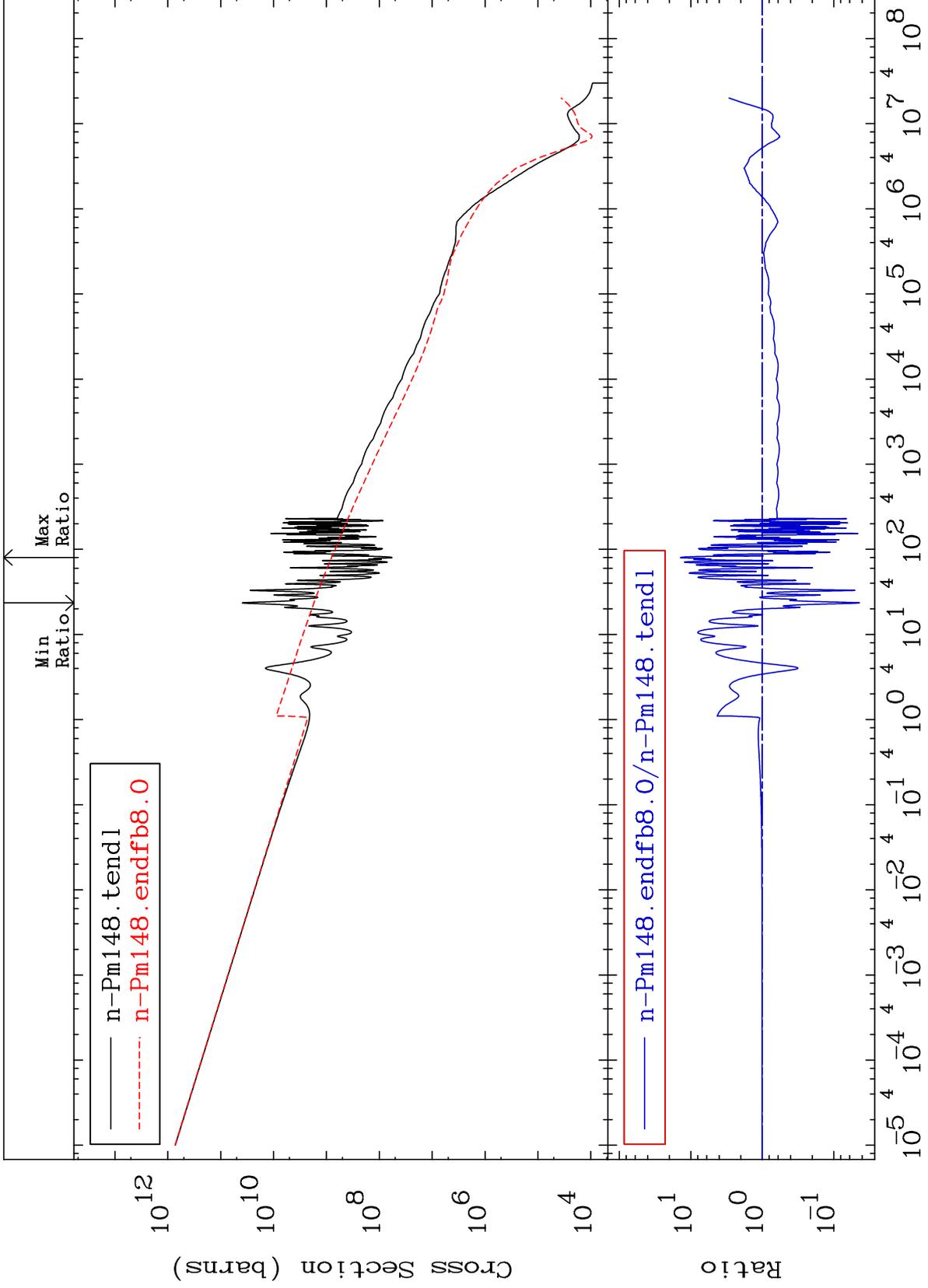


MAT 6152

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

61-Pm-148  
-31.89 To 184.4 %

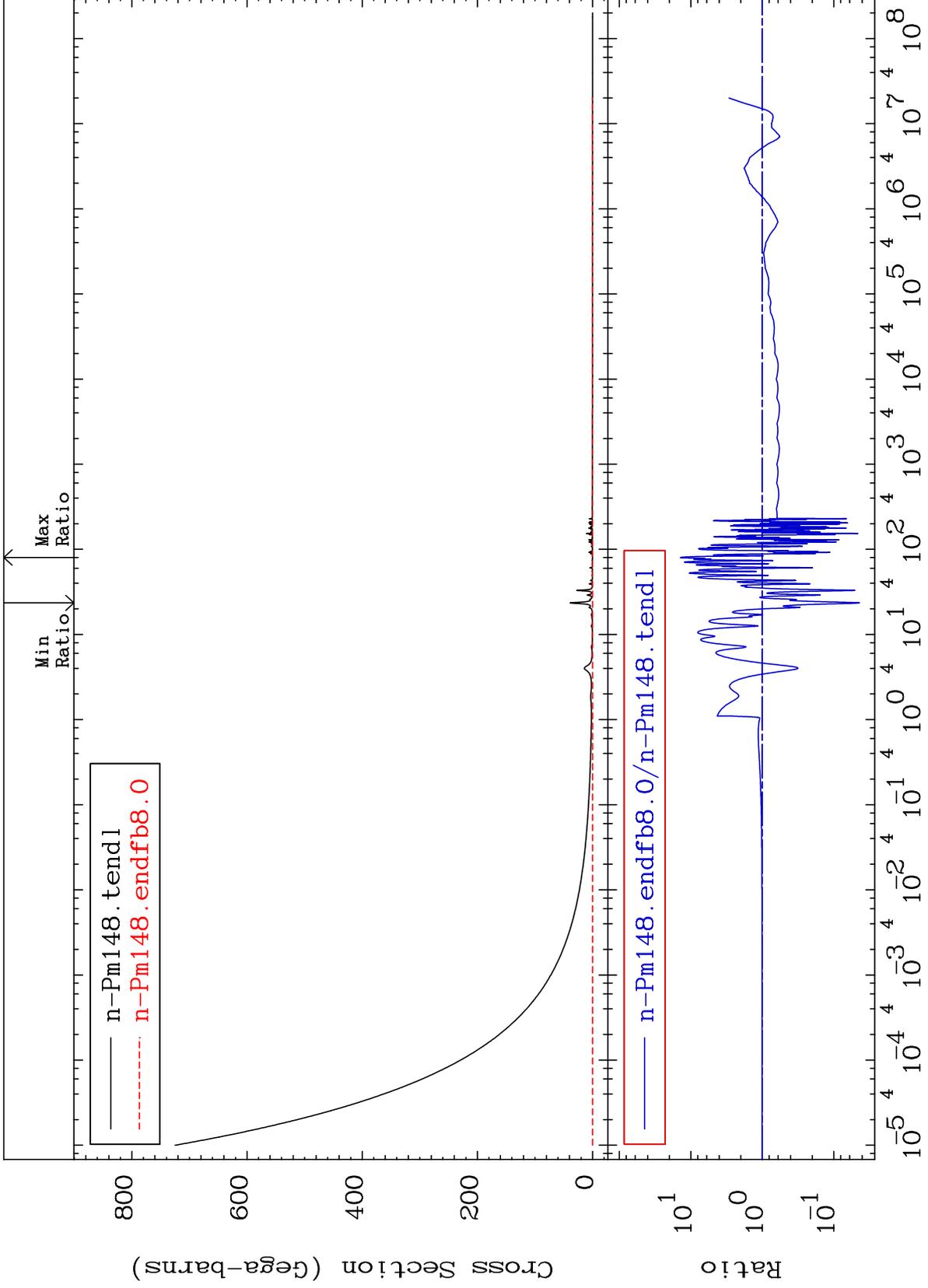




MAT 6152

Total photon (eV-barns)  
Cross Section

61-Pm-148  
-95.64 To 1304. %



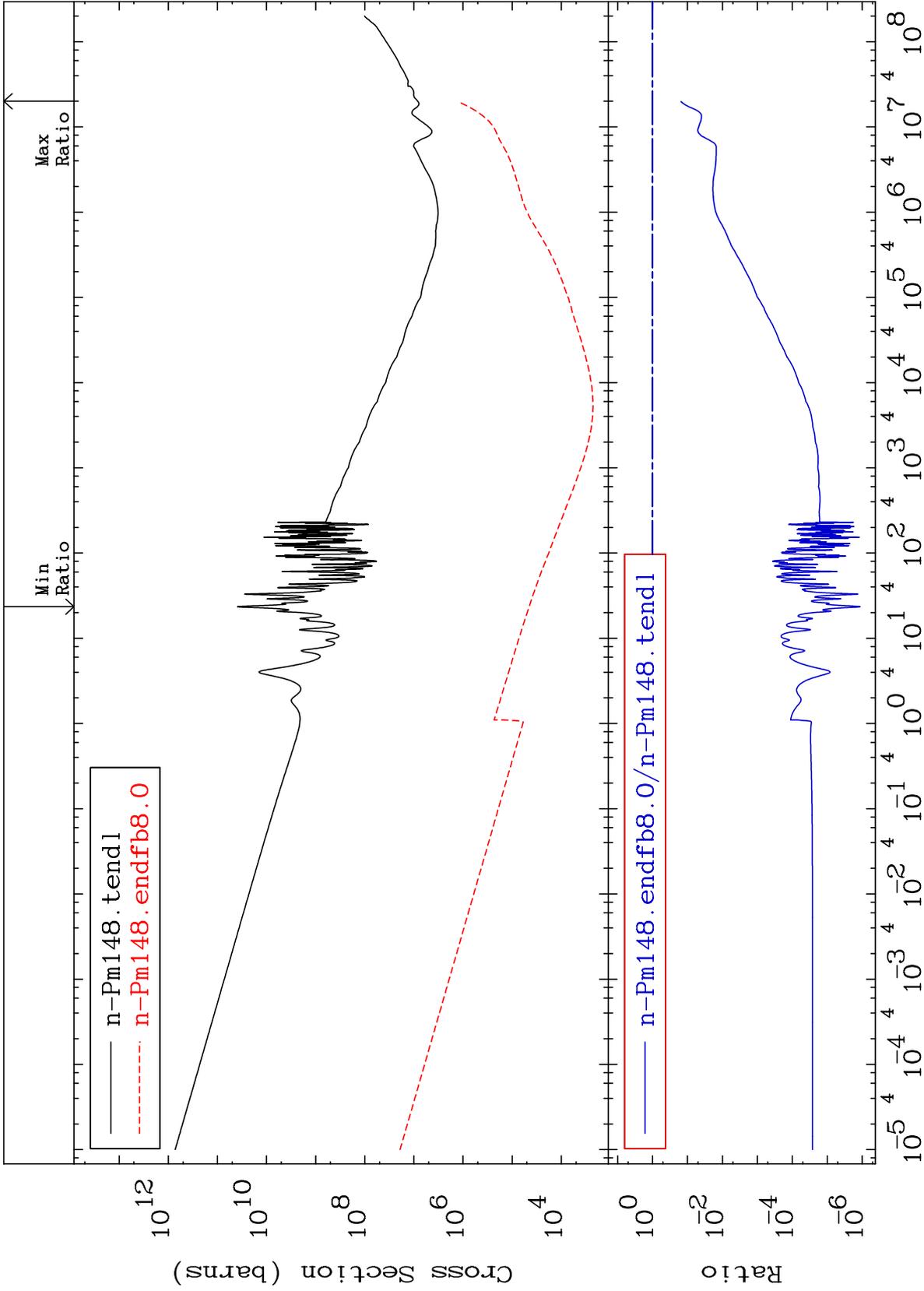
30

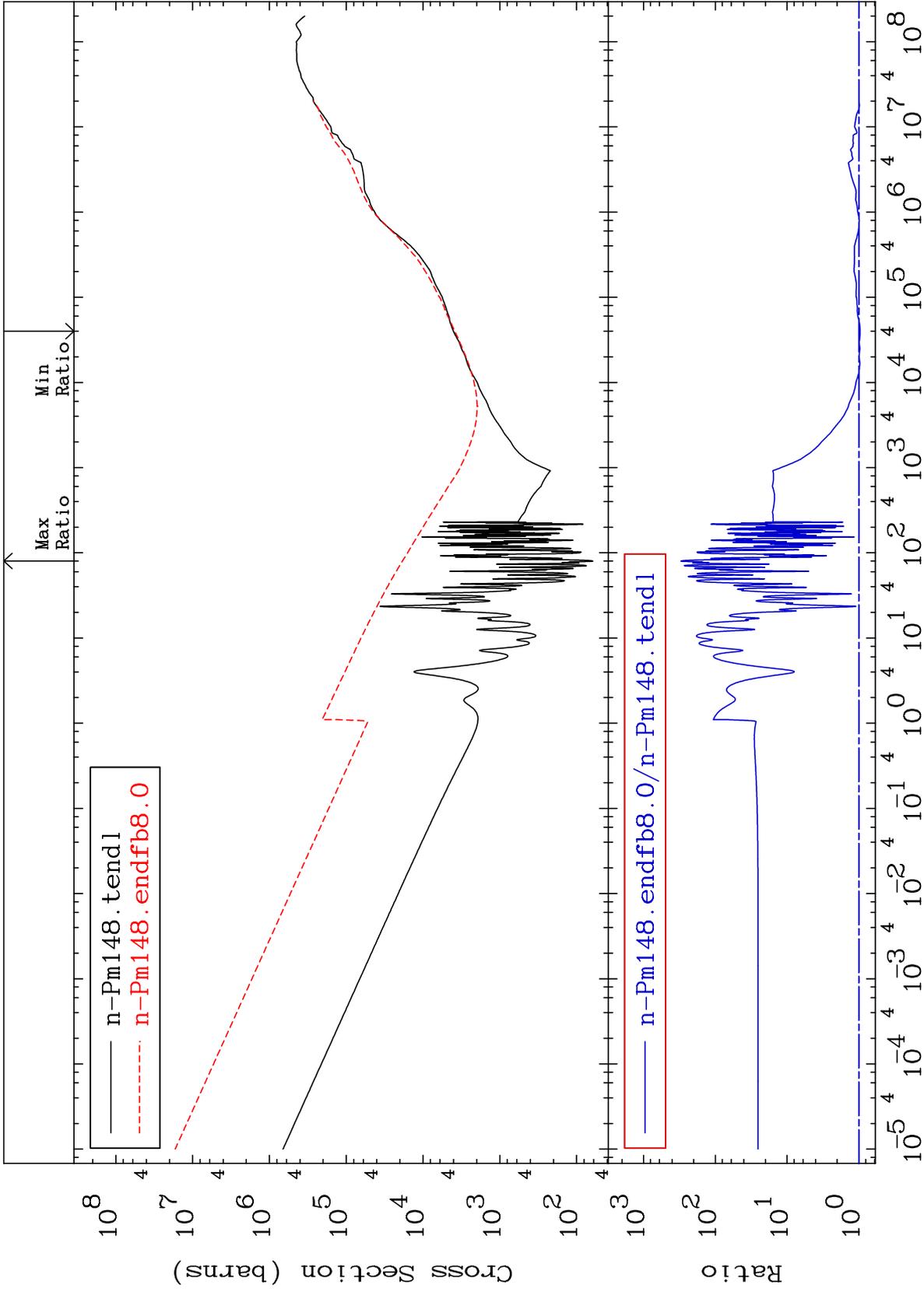
Incident Energy (eV)

61-Pm-148

Cross Section

-100.0 To -84.44%

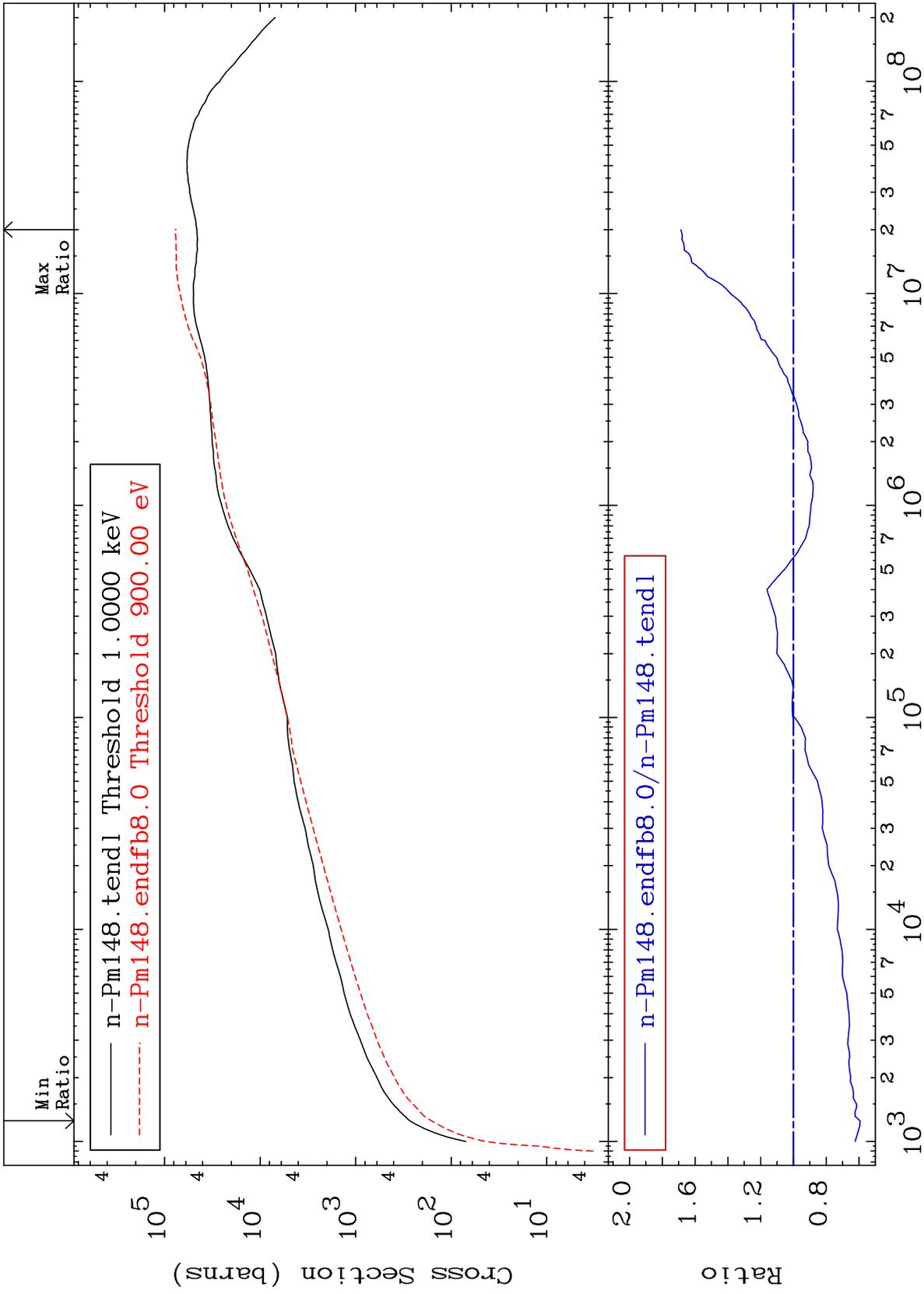




MAT 6152

Dpa elastic (mt2)  
Cross Section

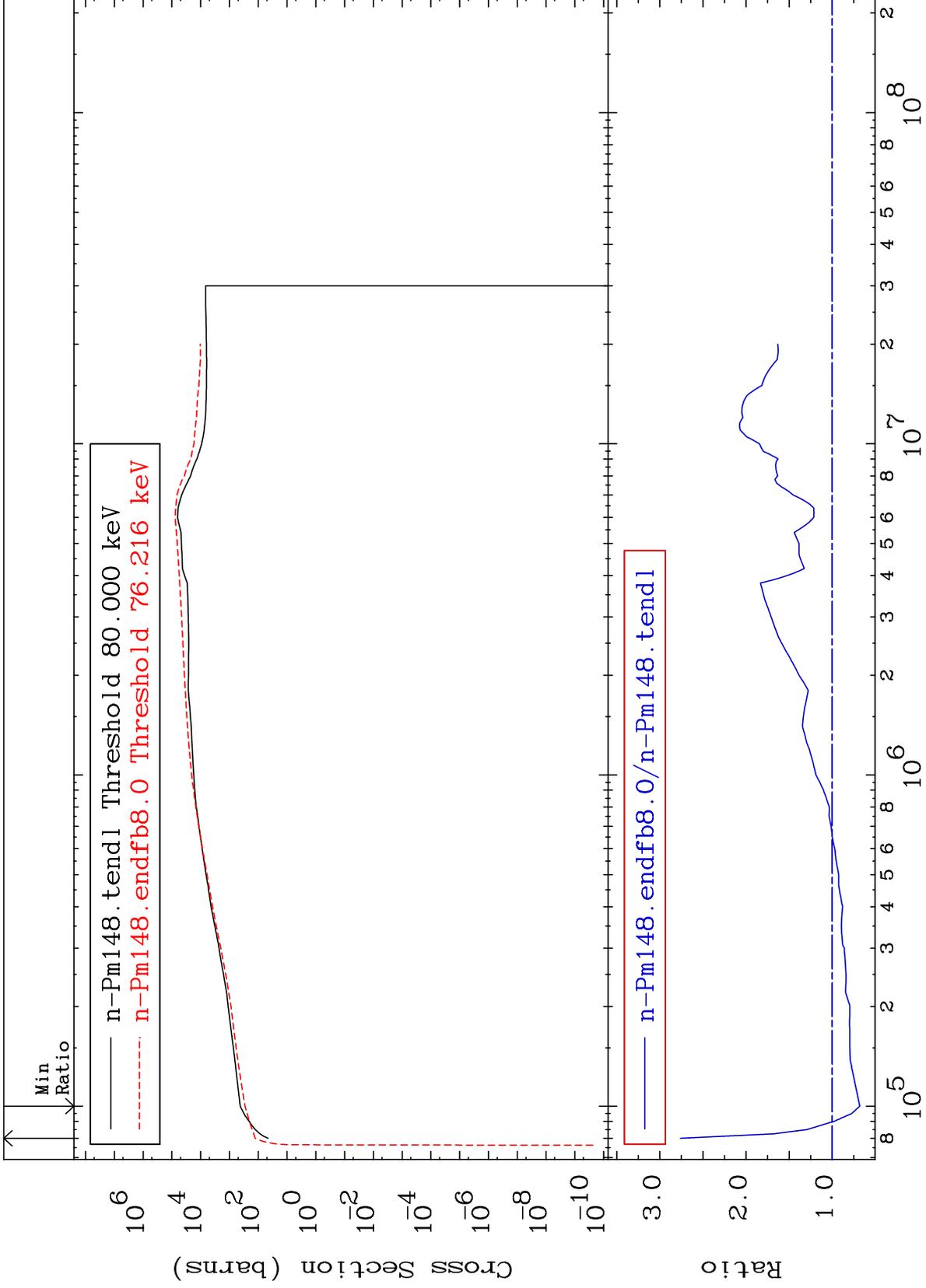
61-Pm-148  
-40.66 To 68.72 %



33

Incident Energy (eV)

61-Pm-148



MAT 6152

Dpa disappearance (mt102 -120)  
Cross Section

61-Pm-148  
-72.69 To 9999. %

