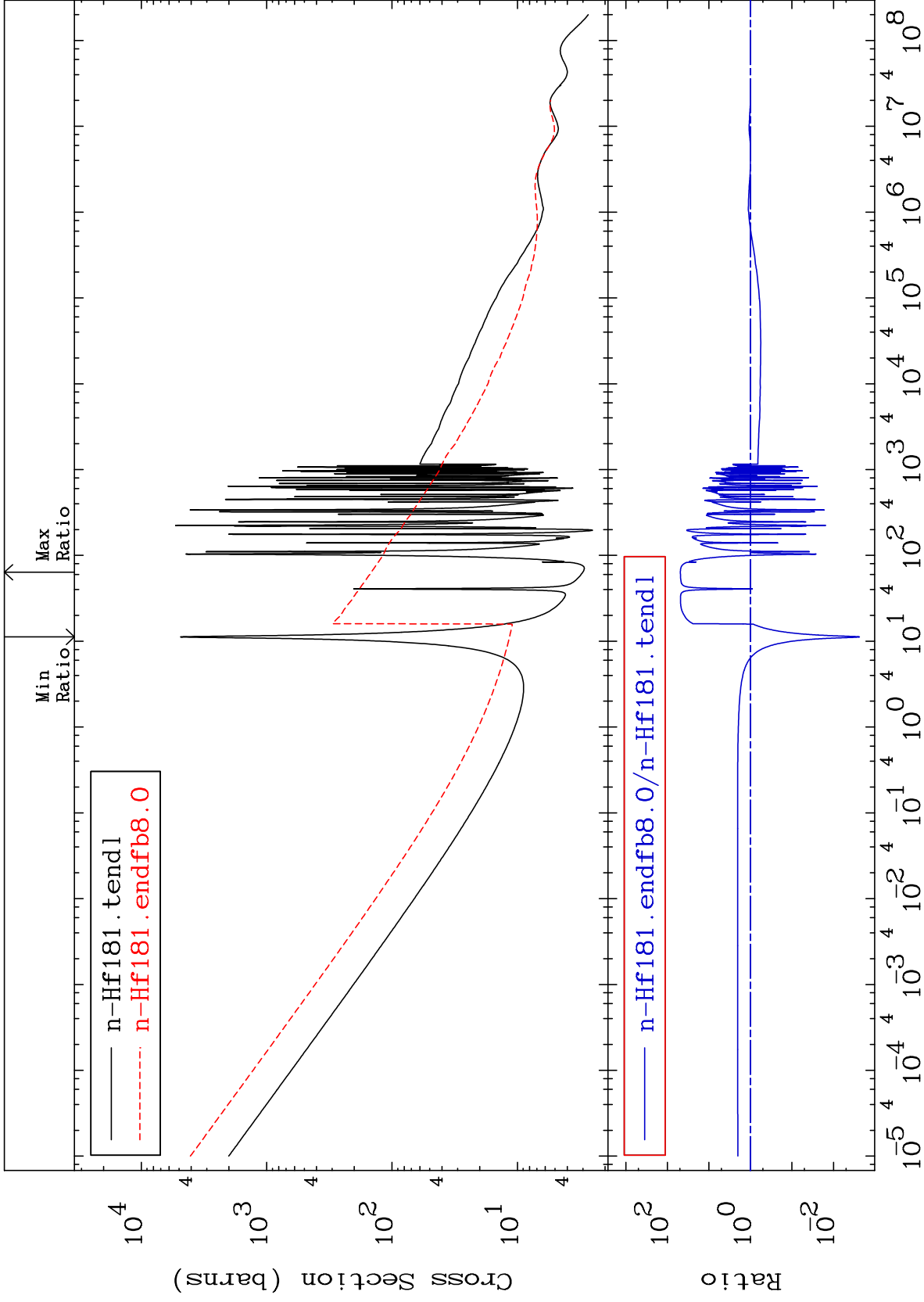


MAT 7246

Total  
Cross Section

72-Hf-181  
-99.76 To 4774. %



Incident Energy (eV)

72-Hf-181

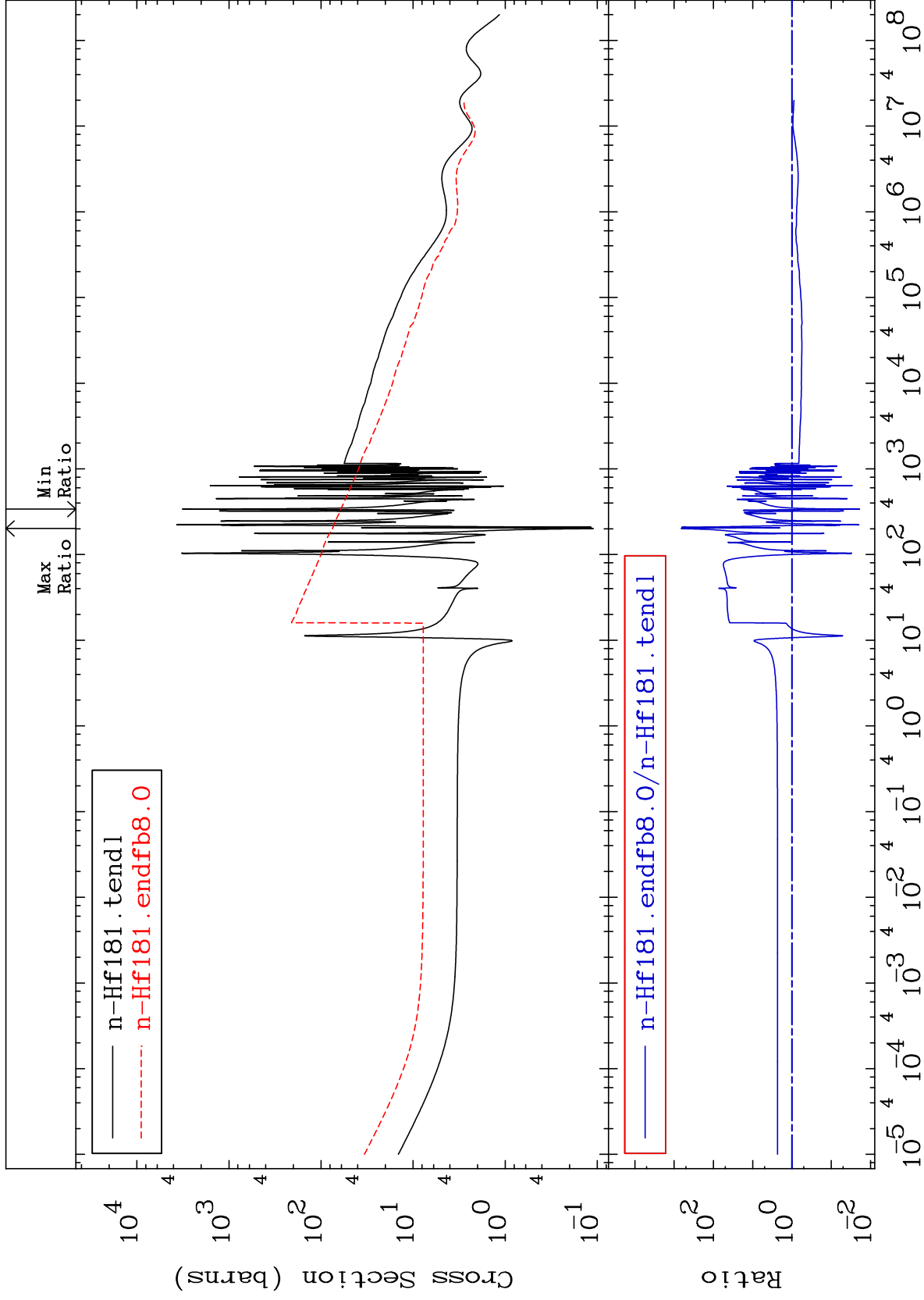
MAT 7246

Elastic

72-Hf-181

Cross Section

-98.09 To 9999. %



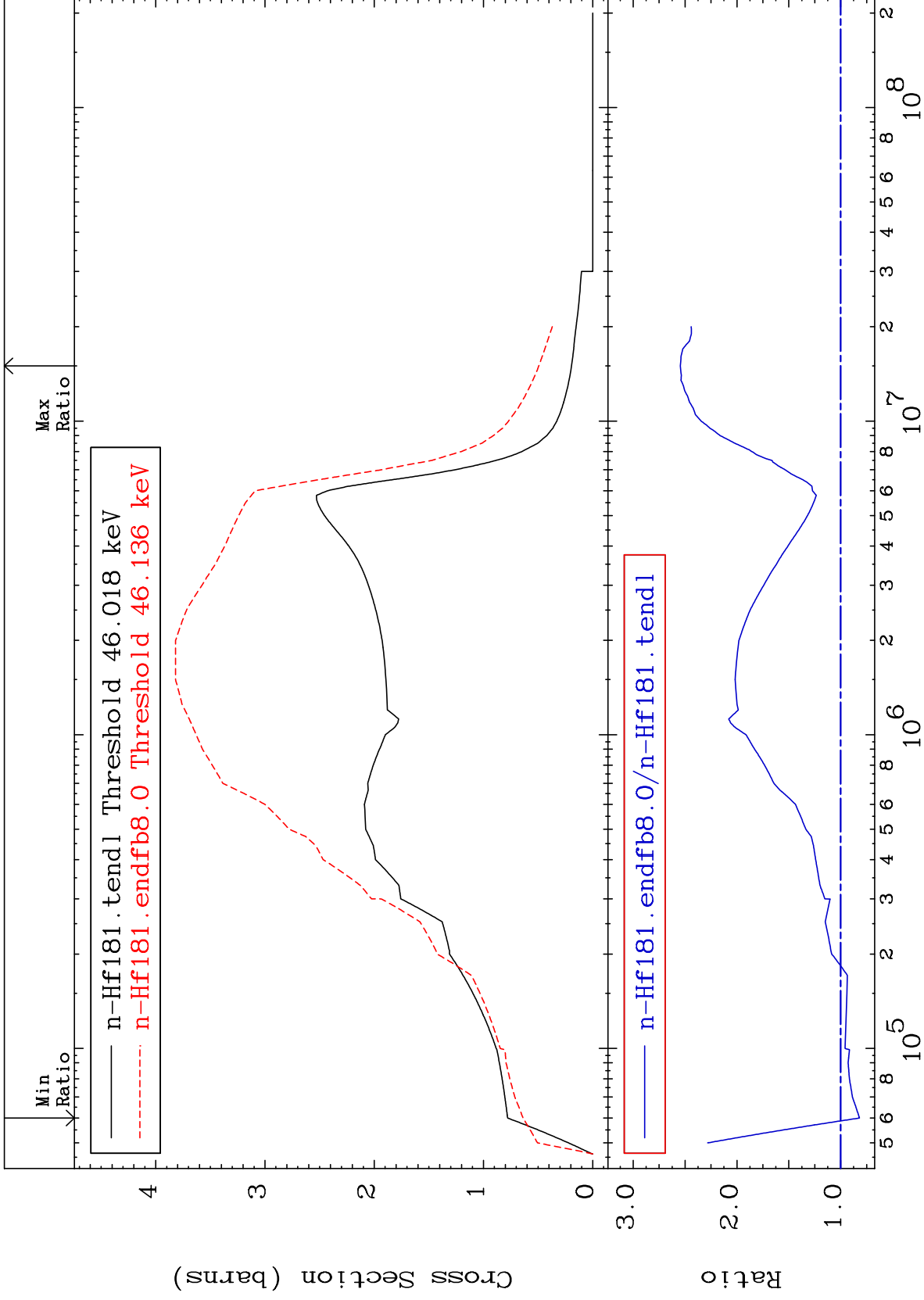
Incident Energy (eV)

72-Hf-181

MAT 7246

Inelastic  
Cross Section

72-Hf-181  
-18.07 To 154.5 %



3

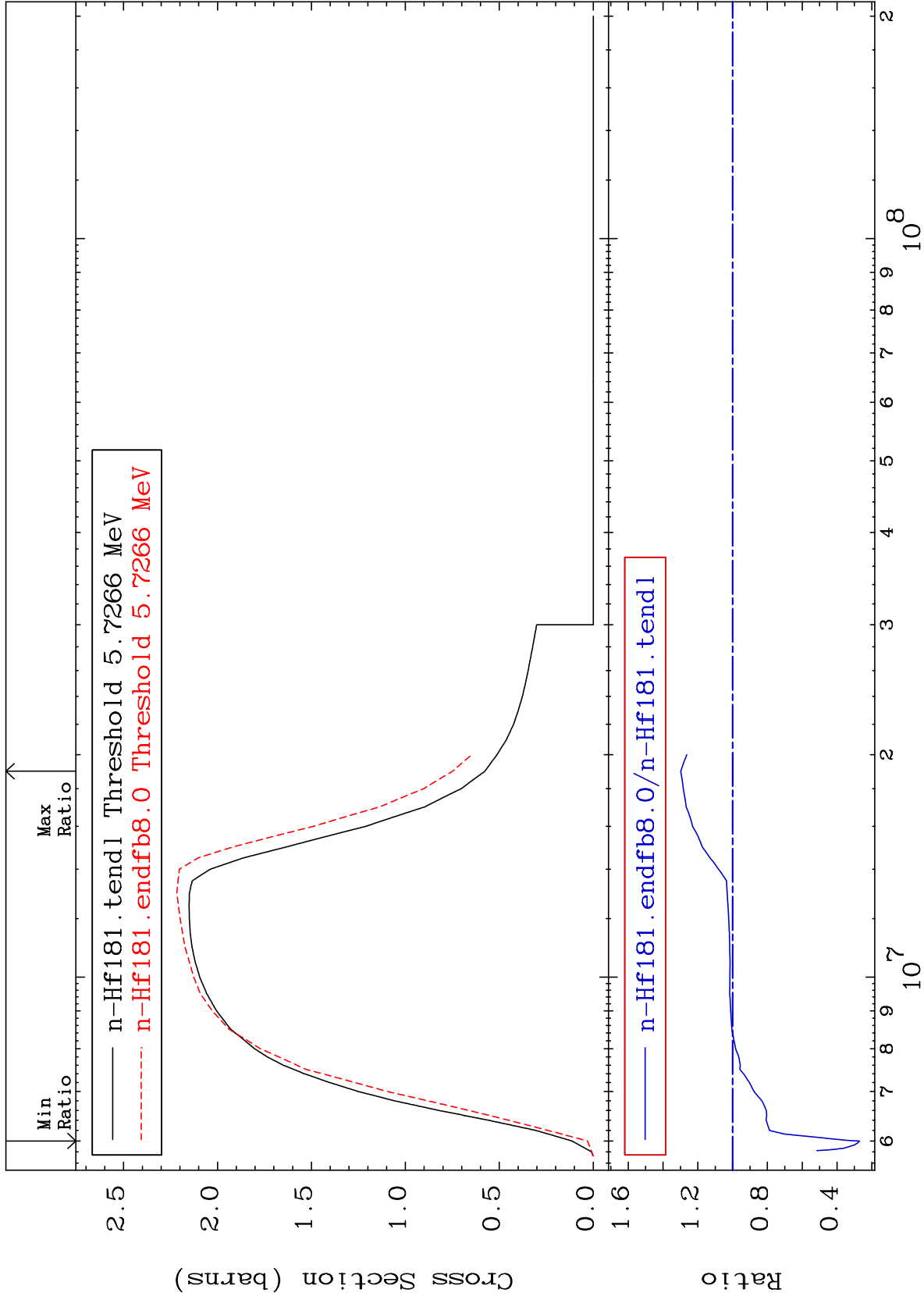
Incident Energy (eV)

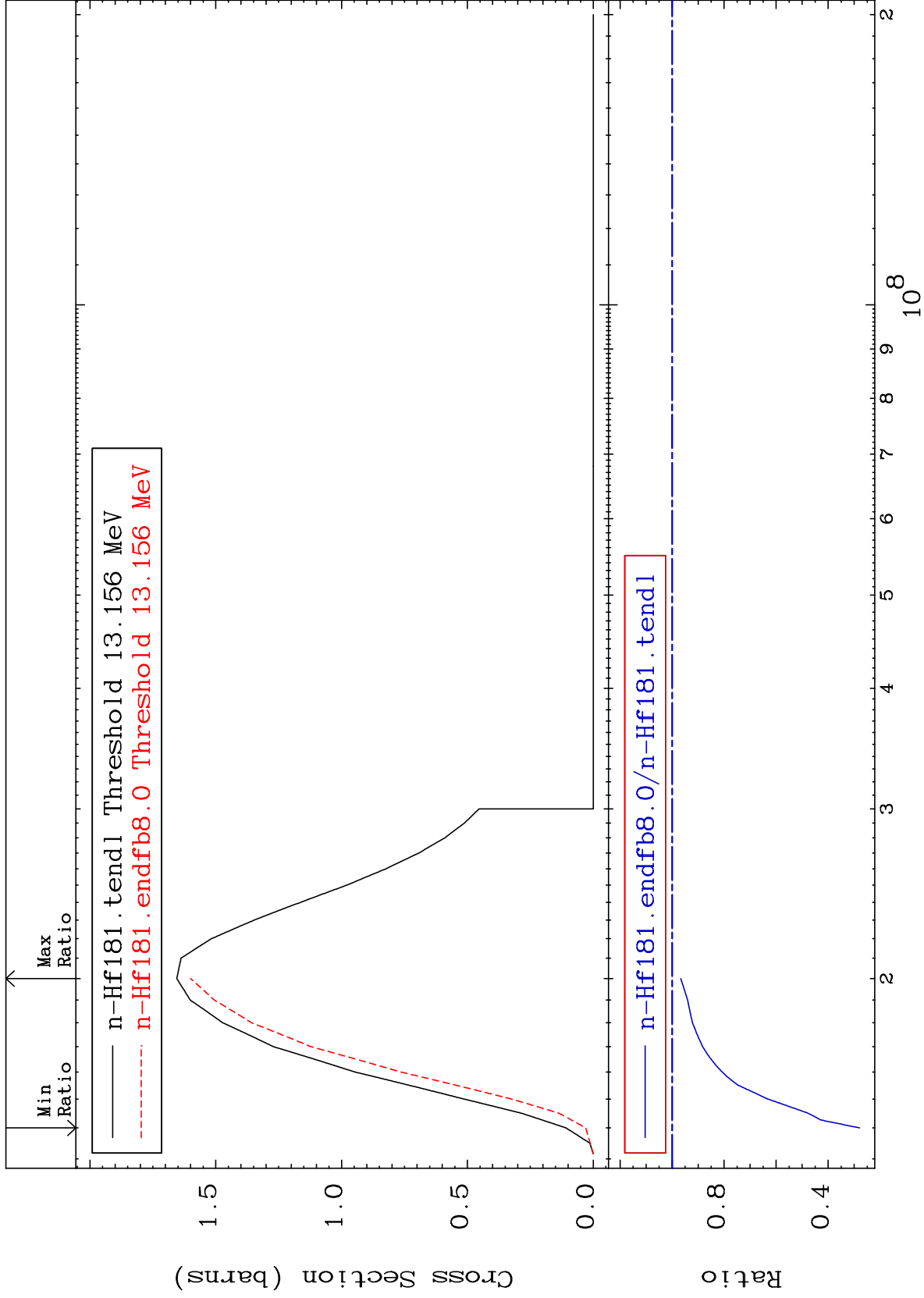
72-Hf-181

MAT 7246

(n,2n)  
Cross Section

72-Hf-181  
-72.96 To 29.81 %

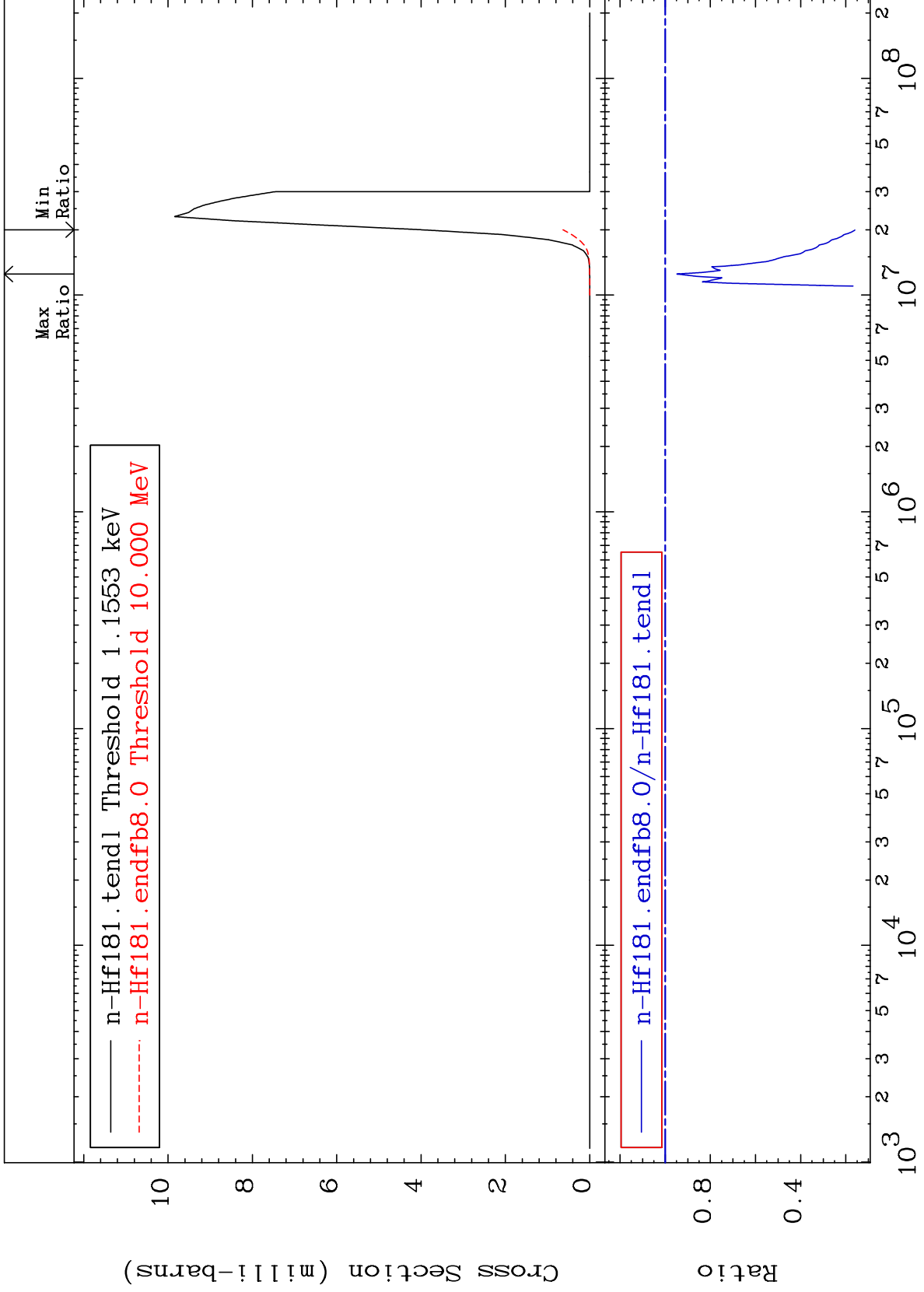




MAT 7246

$(n, n') \alpha$   
Cross Section

$^{72}\text{Hf-181}$   
-84.10 To -5.196%



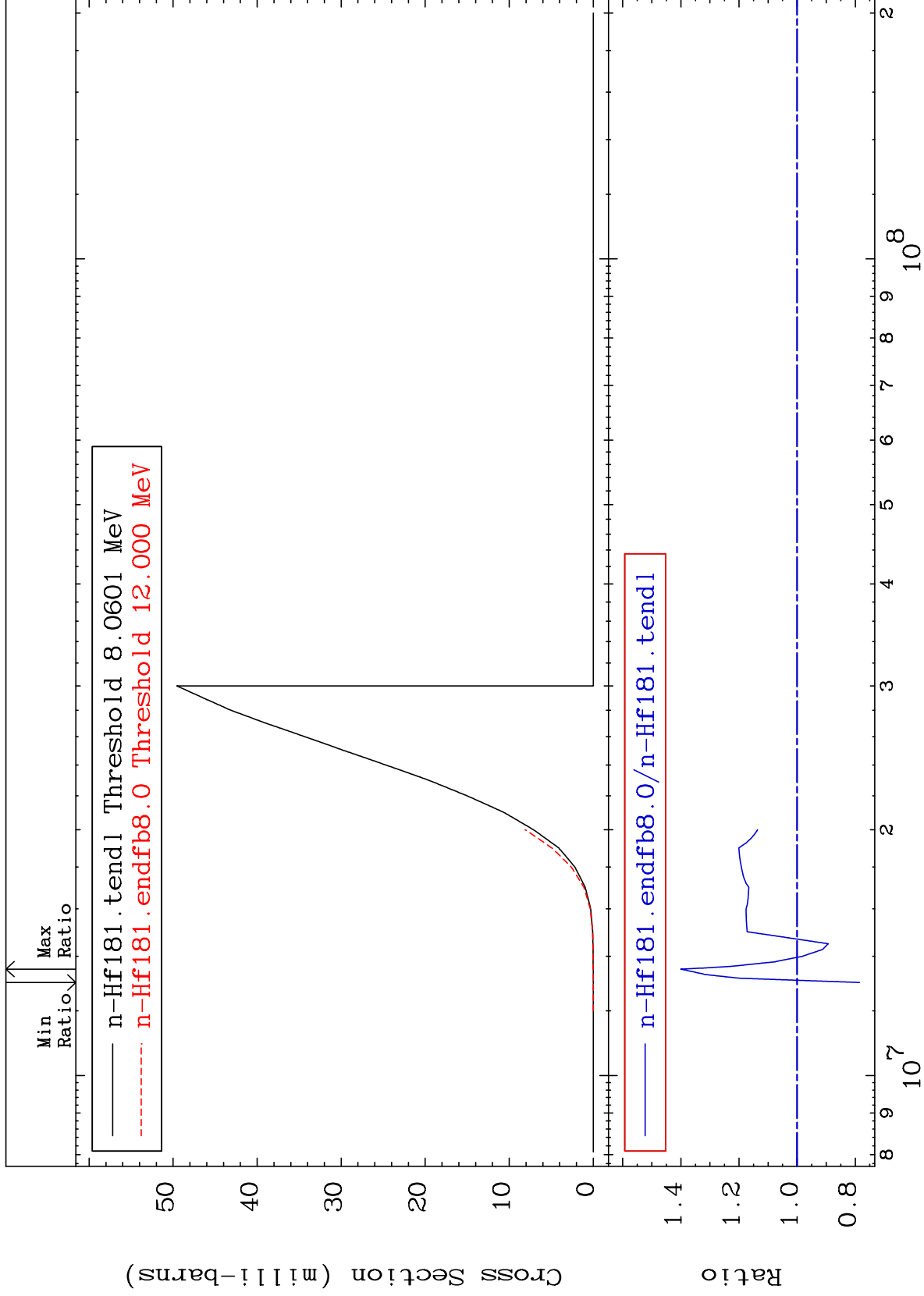
Incident Energy (eV)

$^{72}\text{Hf-181}$

MAT 7246

(n,n') p  
Cross Section

<sup>72</sup>Hf-181  
-21.47 To 40.03 %



7

Incident Energy (eV)

<sup>72</sup>Hf-181

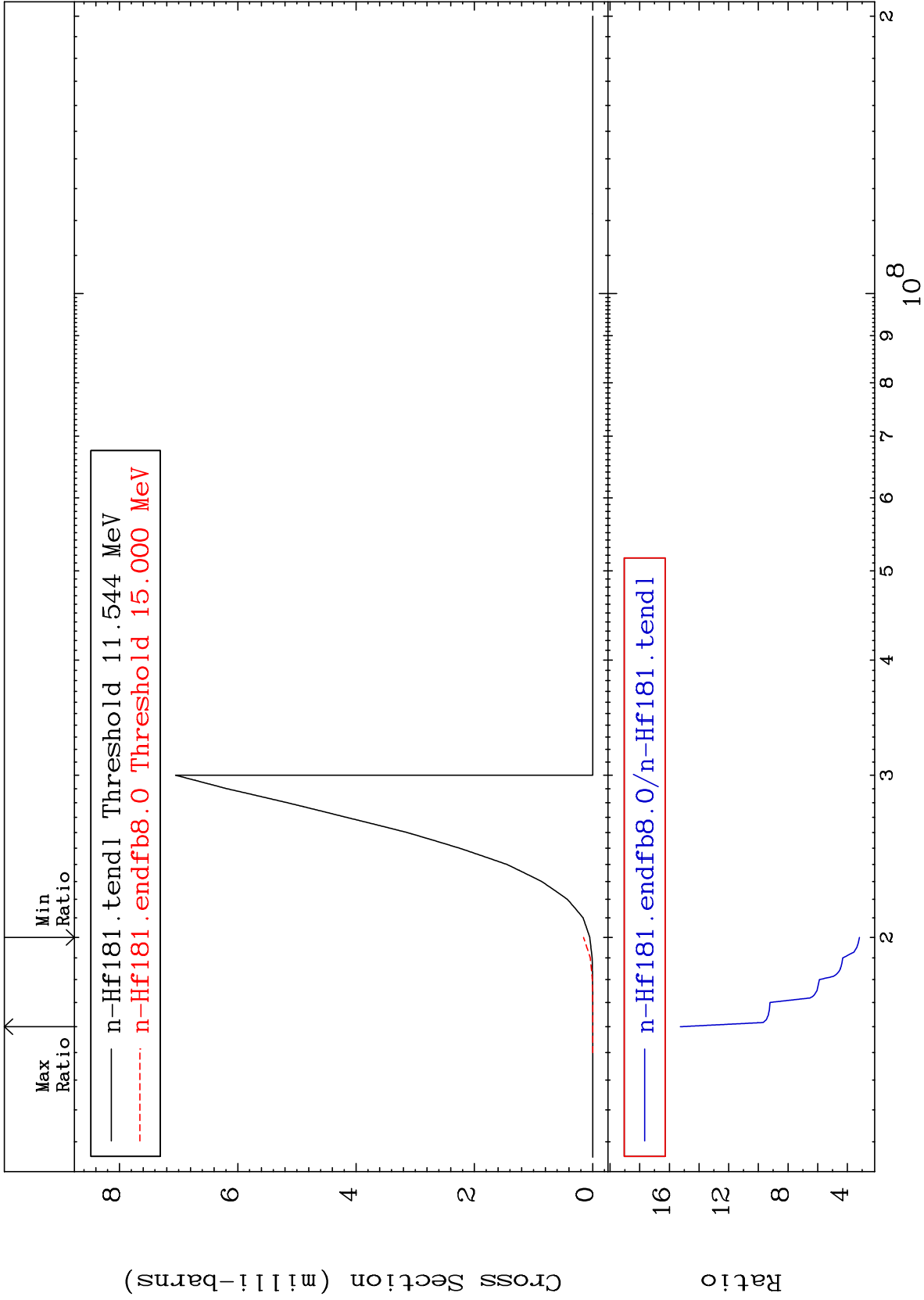
MAT 7246

(n,n') d

72-Hf-181

Cross Section

218.6 To 1426. %

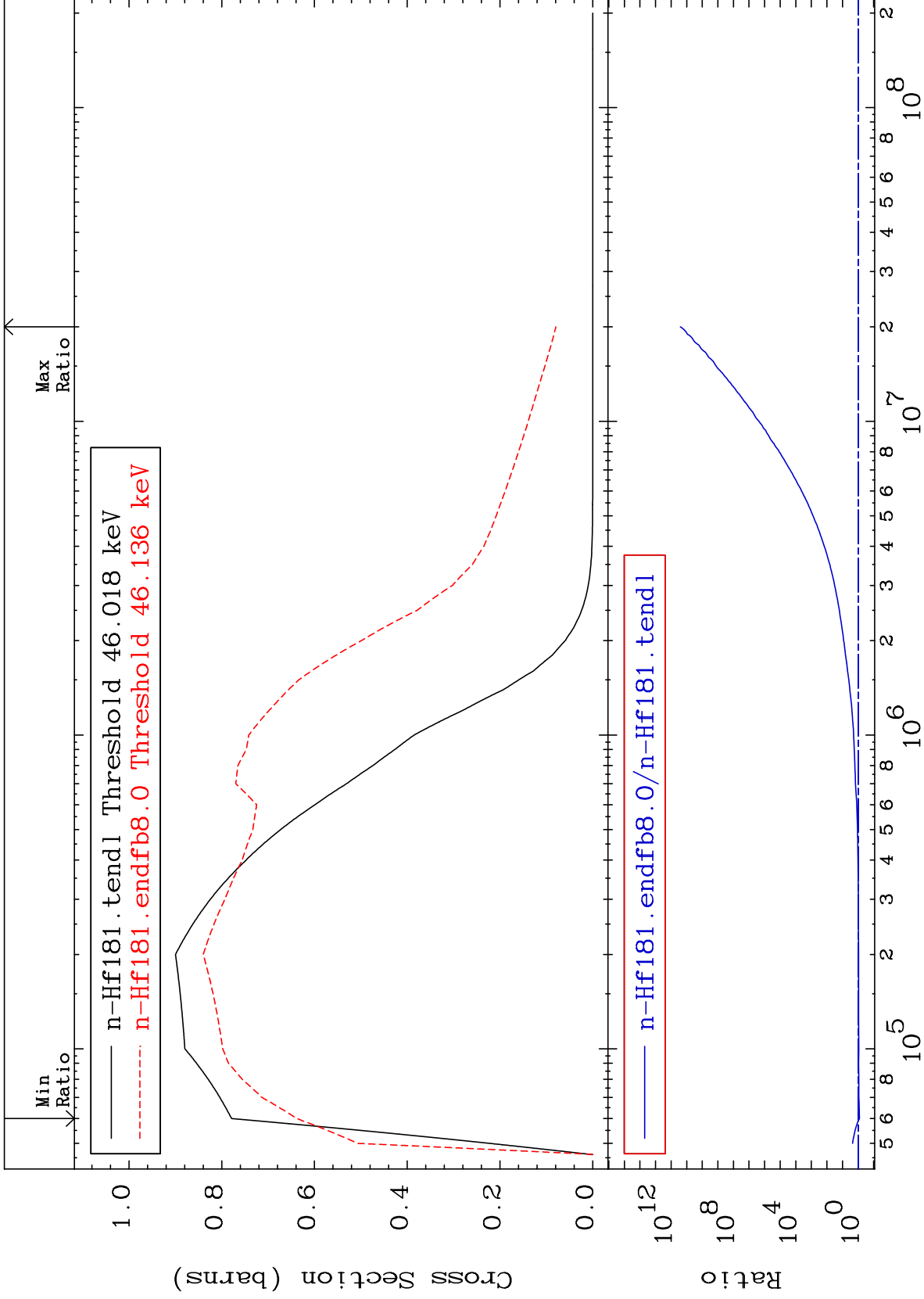




MAT 7246

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

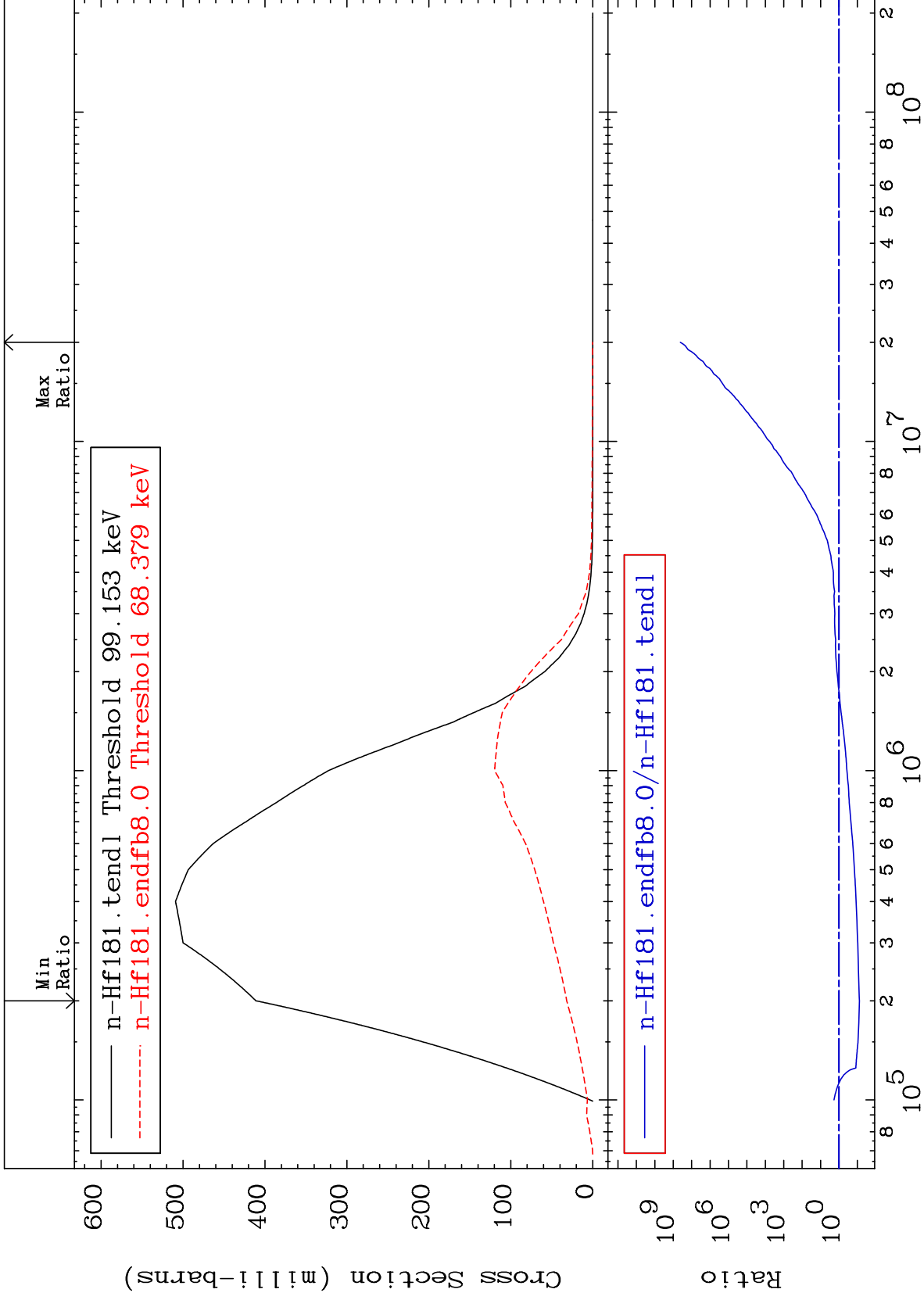
72-Hf-181  
-18.07 To 9999. %



MAT 7246

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

72-Hf-181  
-92.27 To 9999. %



10

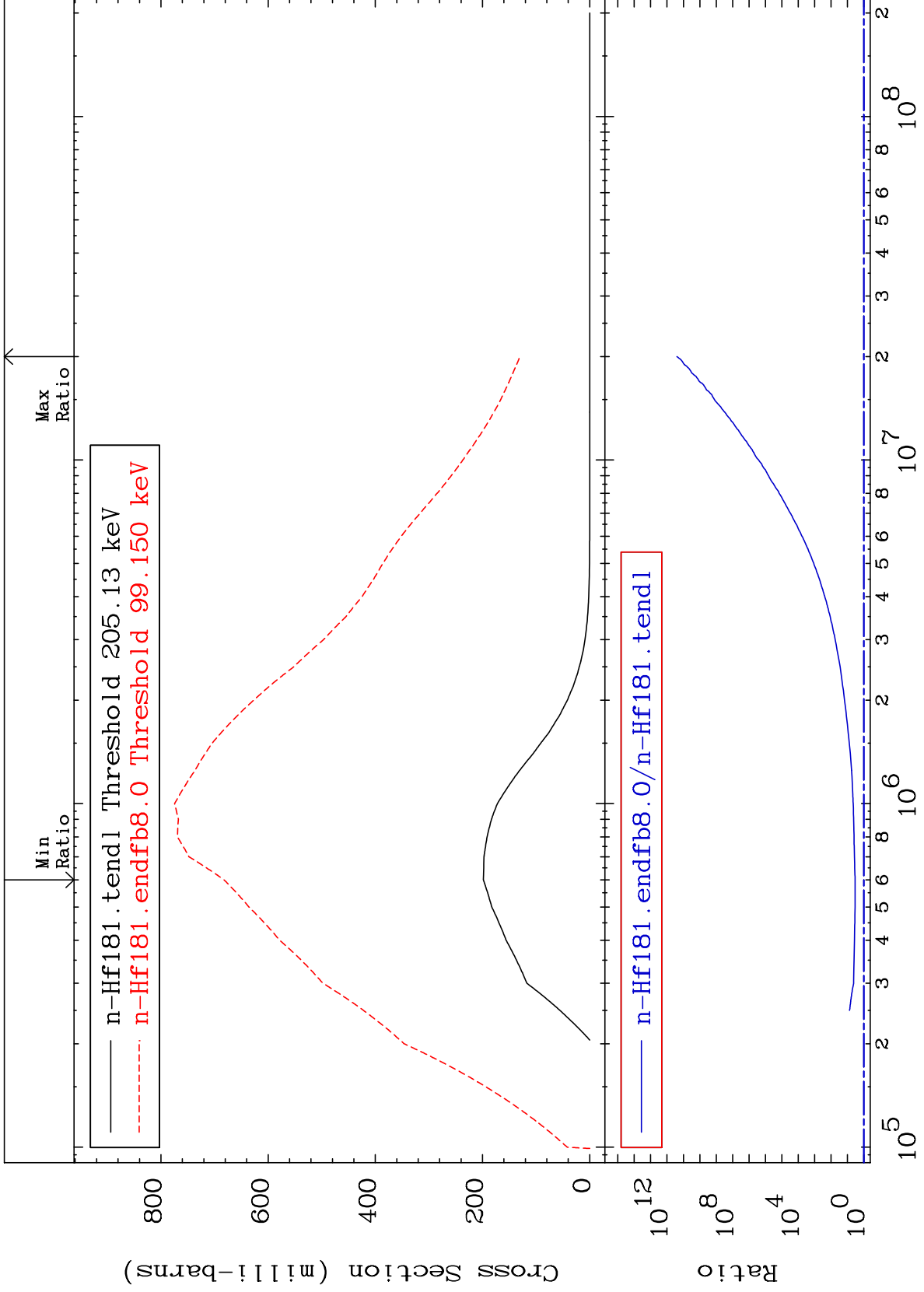
Incident Energy (eV)

72-Hf-181

MAT 7246

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

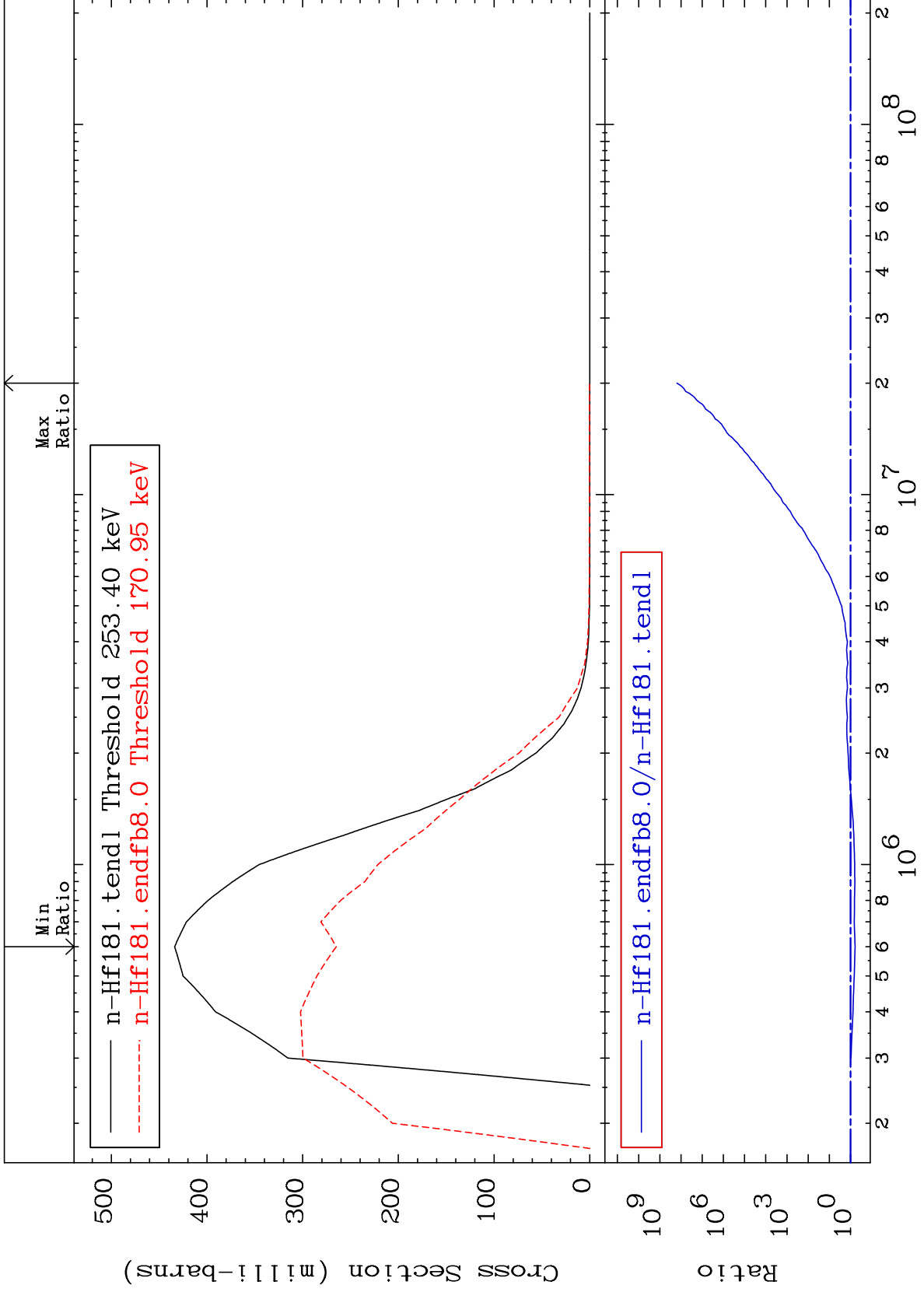
72-Hf-181  
244.1 To 9999. %



MAT 7246

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

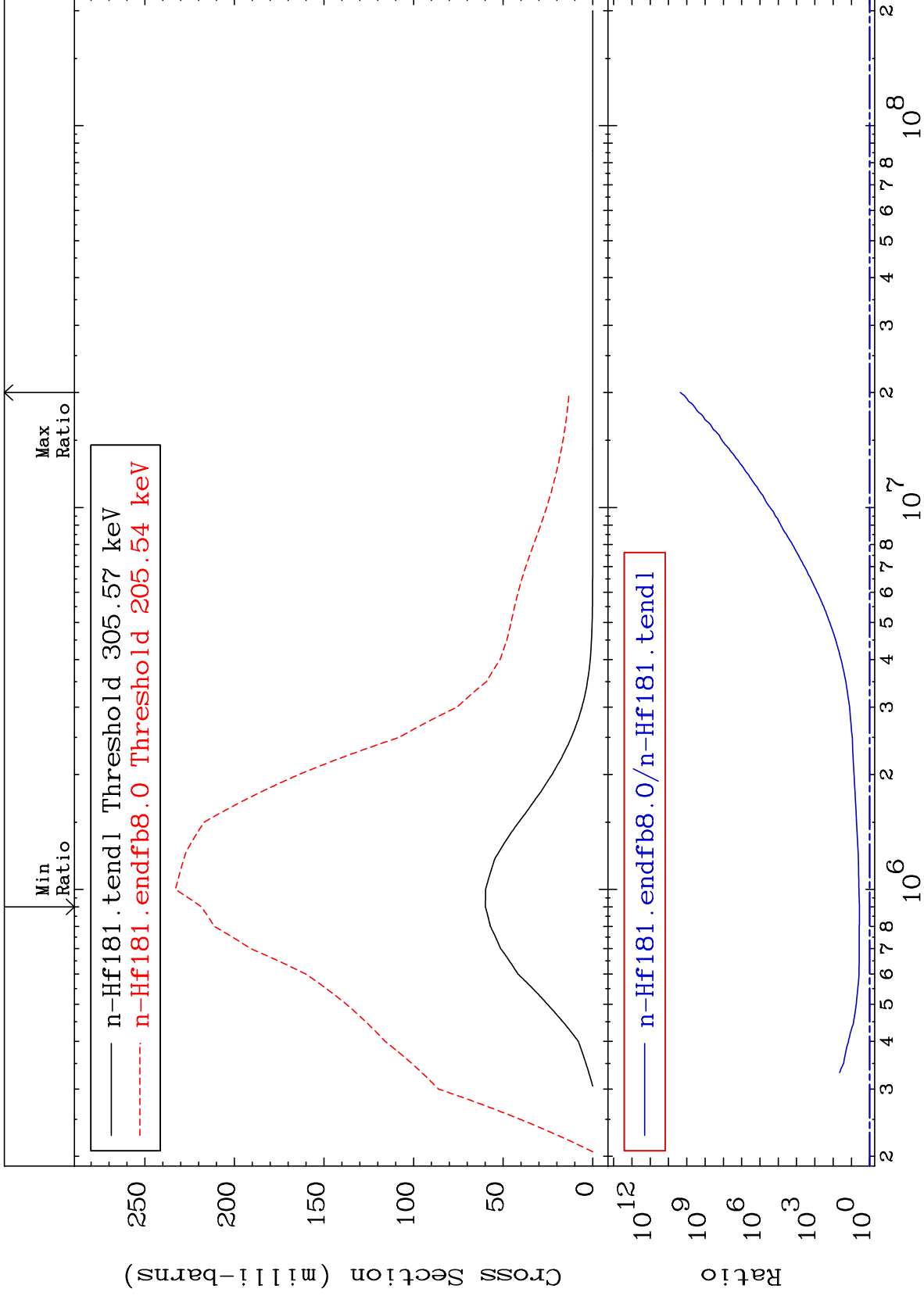
72-Hf-181  
-38.95 To 9999. %



MAT 7246

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

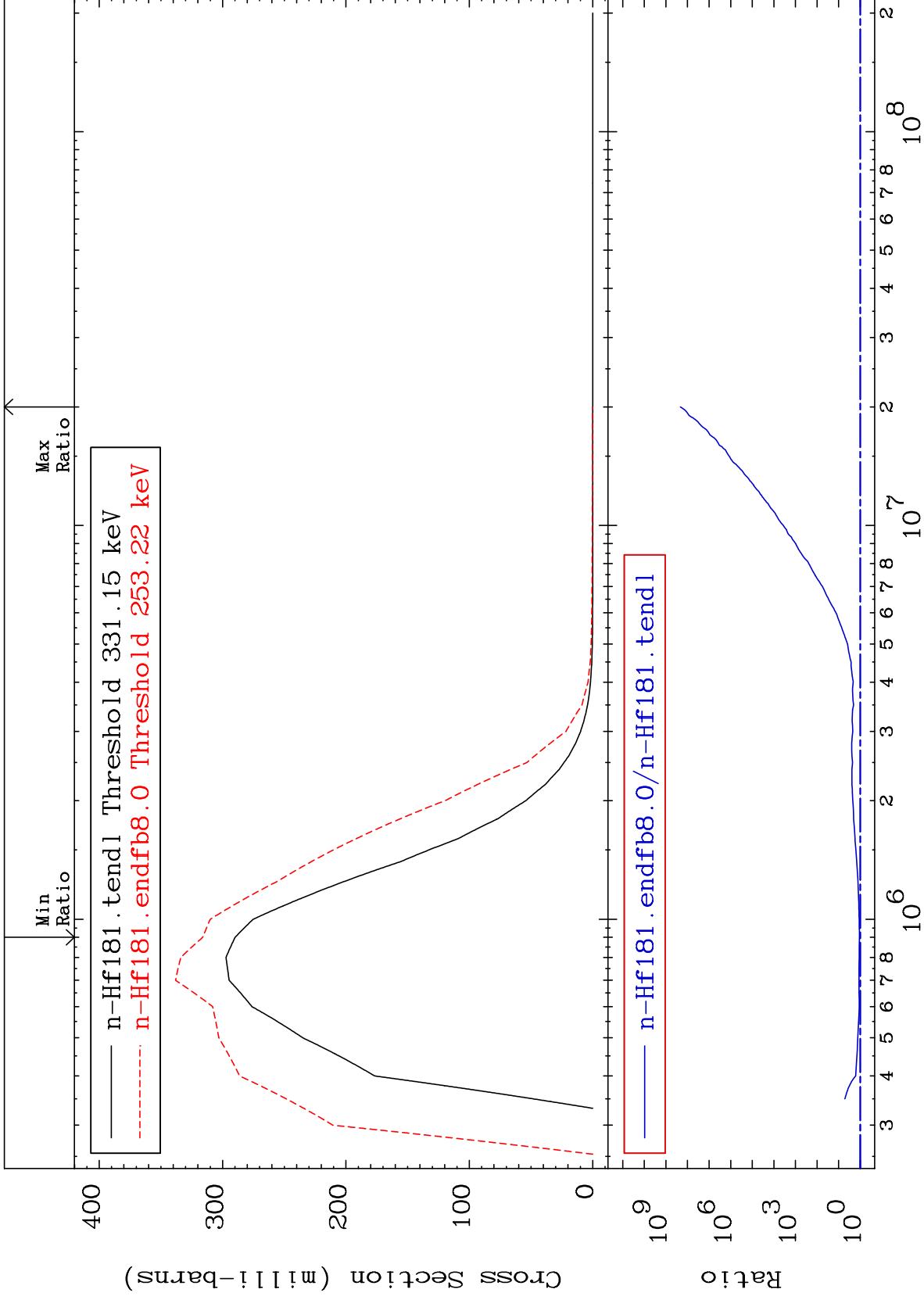
72-Hf-181  
264.7 To 9999. %



MAT 7246

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

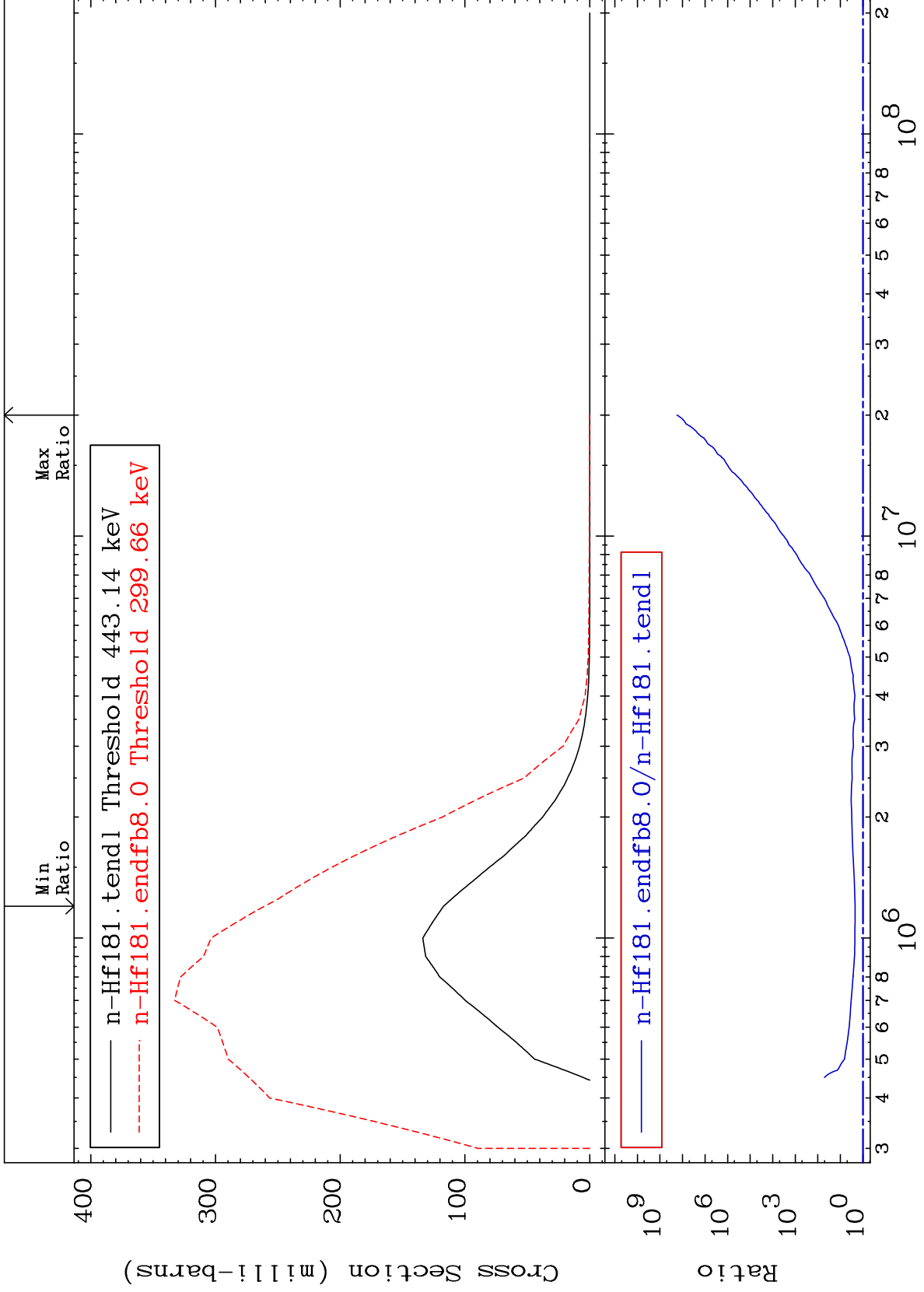
72-Hf-181  
9.047 To 9999. %



MAT 7246

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

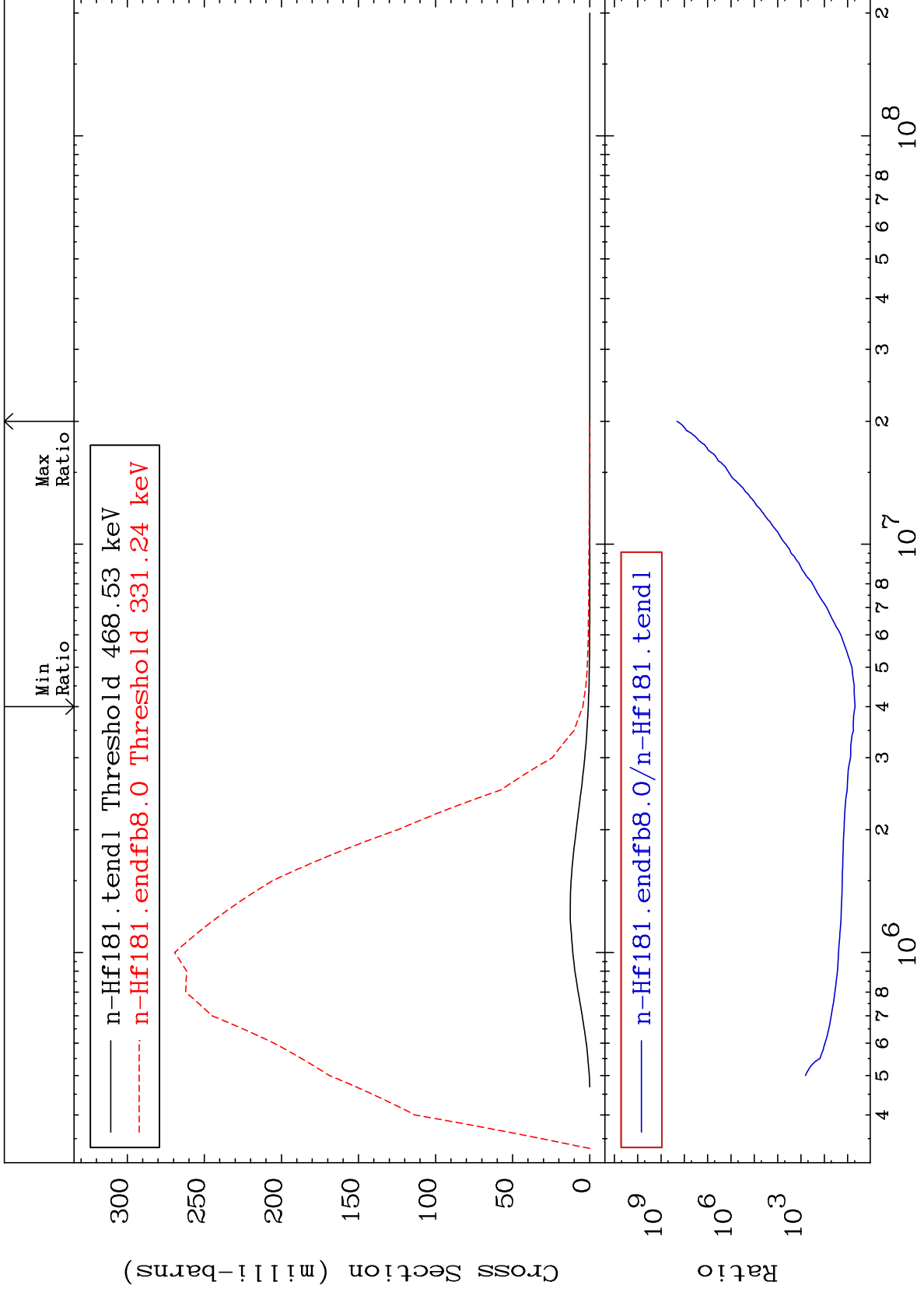
72-Hf-181  
122.5 To 9999. %



MAT 7246

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

72-Hf-181  
377.4 To 9999. %

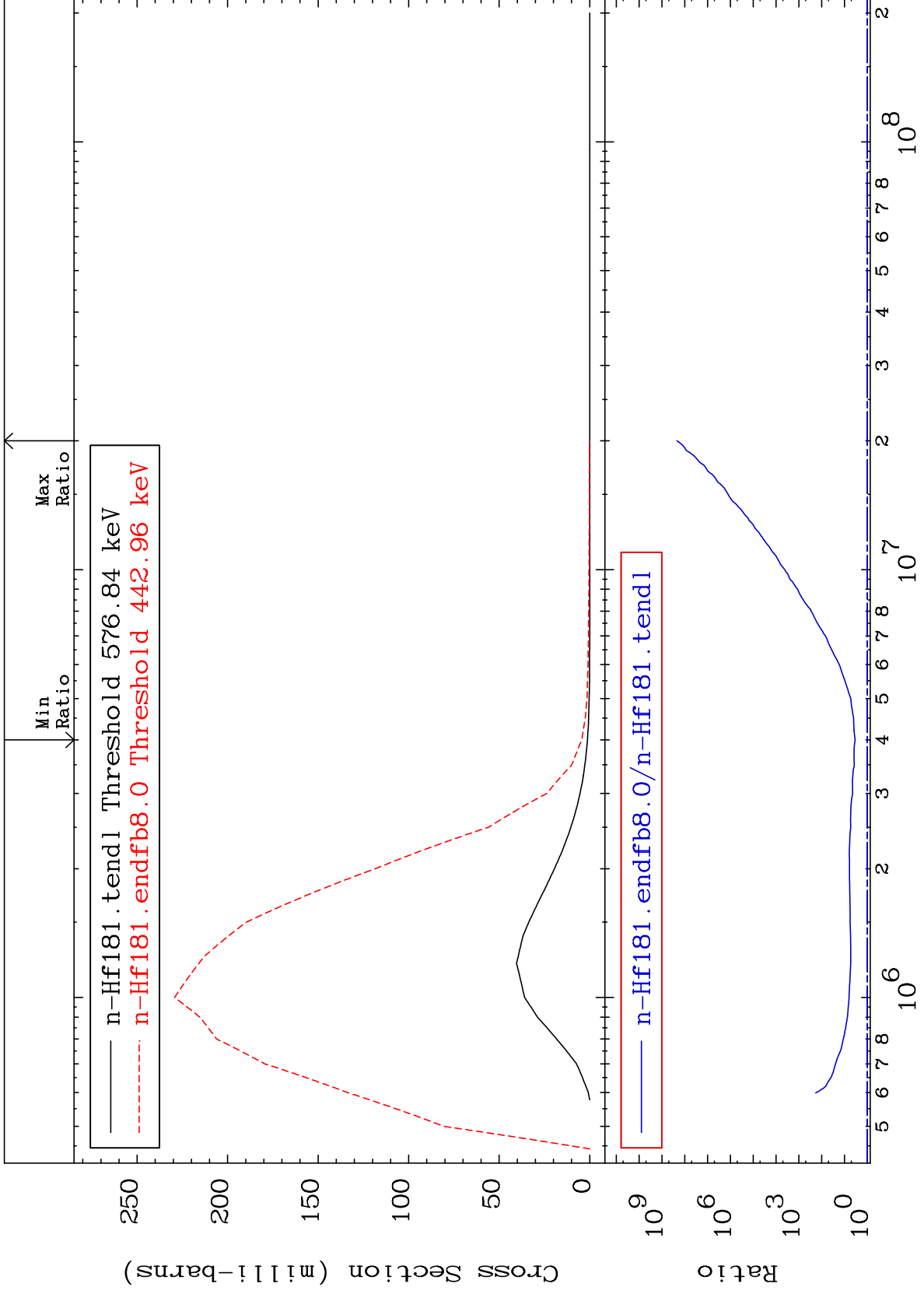




MAT 7246

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

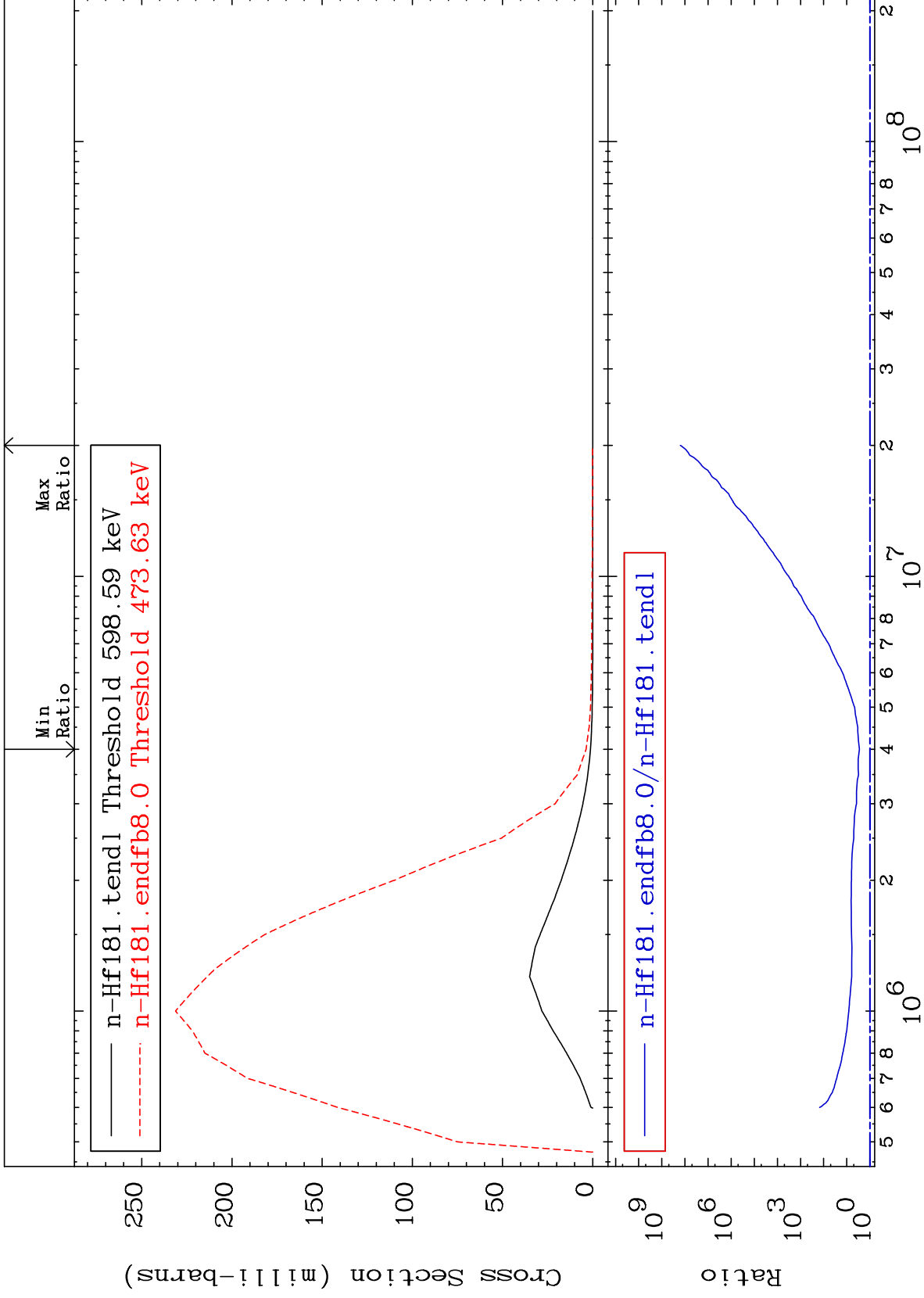
72-Hf-181  
244.5 To 9999. %



MAT 7246

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

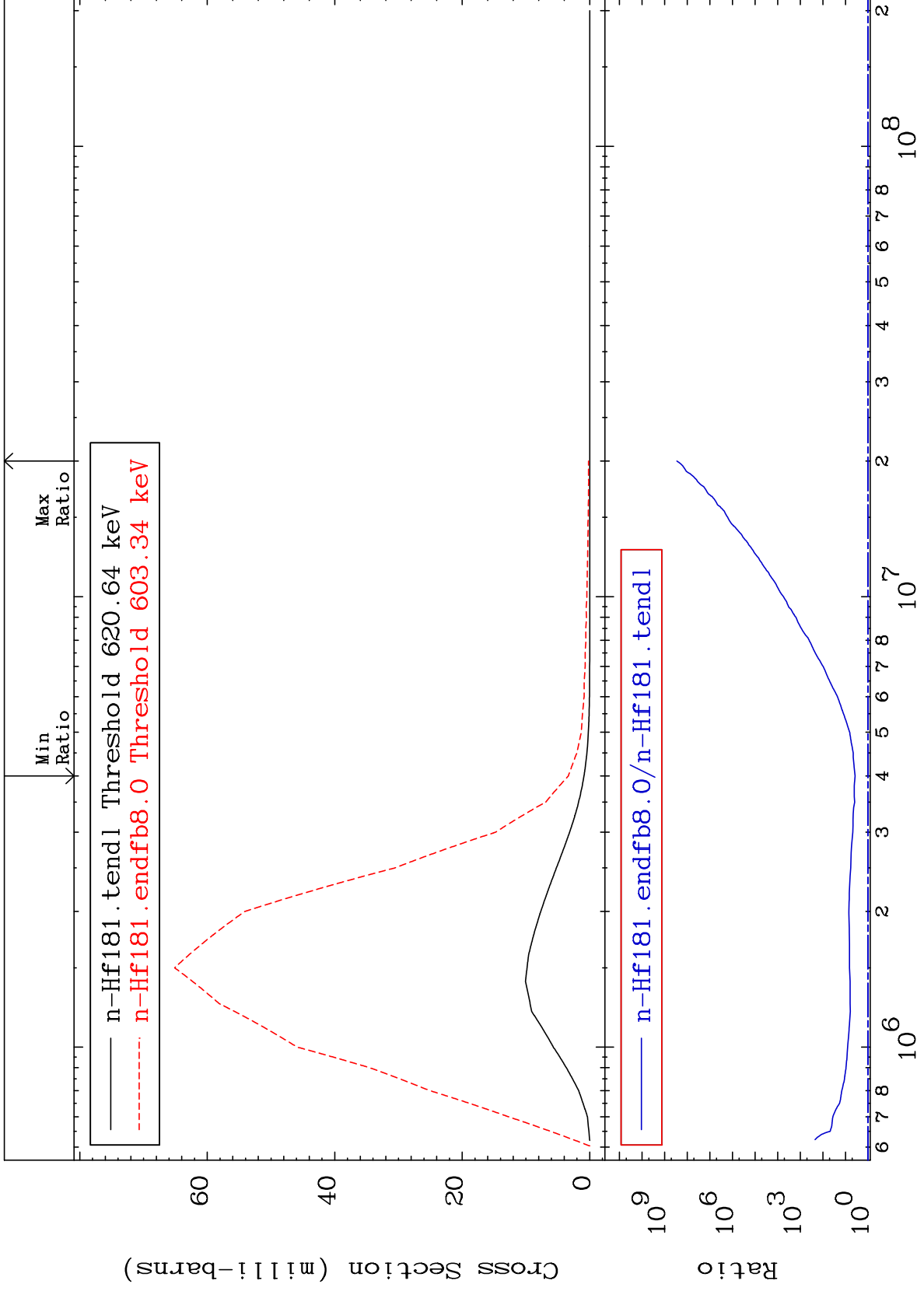
72-Hf-181  
183.6 To 9999. %



MAT 7246

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

72-Hf-181  
274.2 To 9999. %



19

Incident Energy (eV)

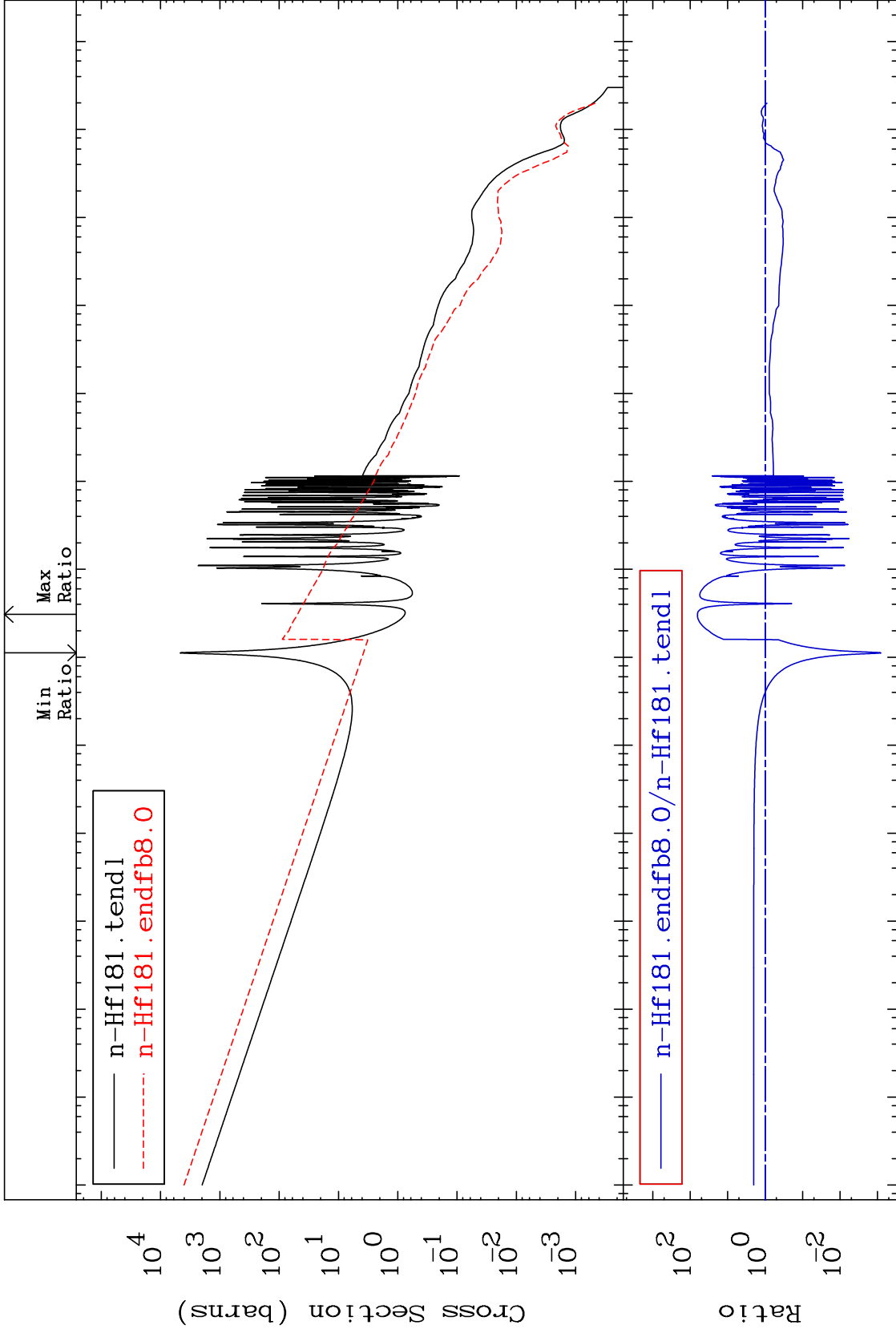
72-Hf-181



MAT 7246

(n,  $\gamma$ )  
Cross Section

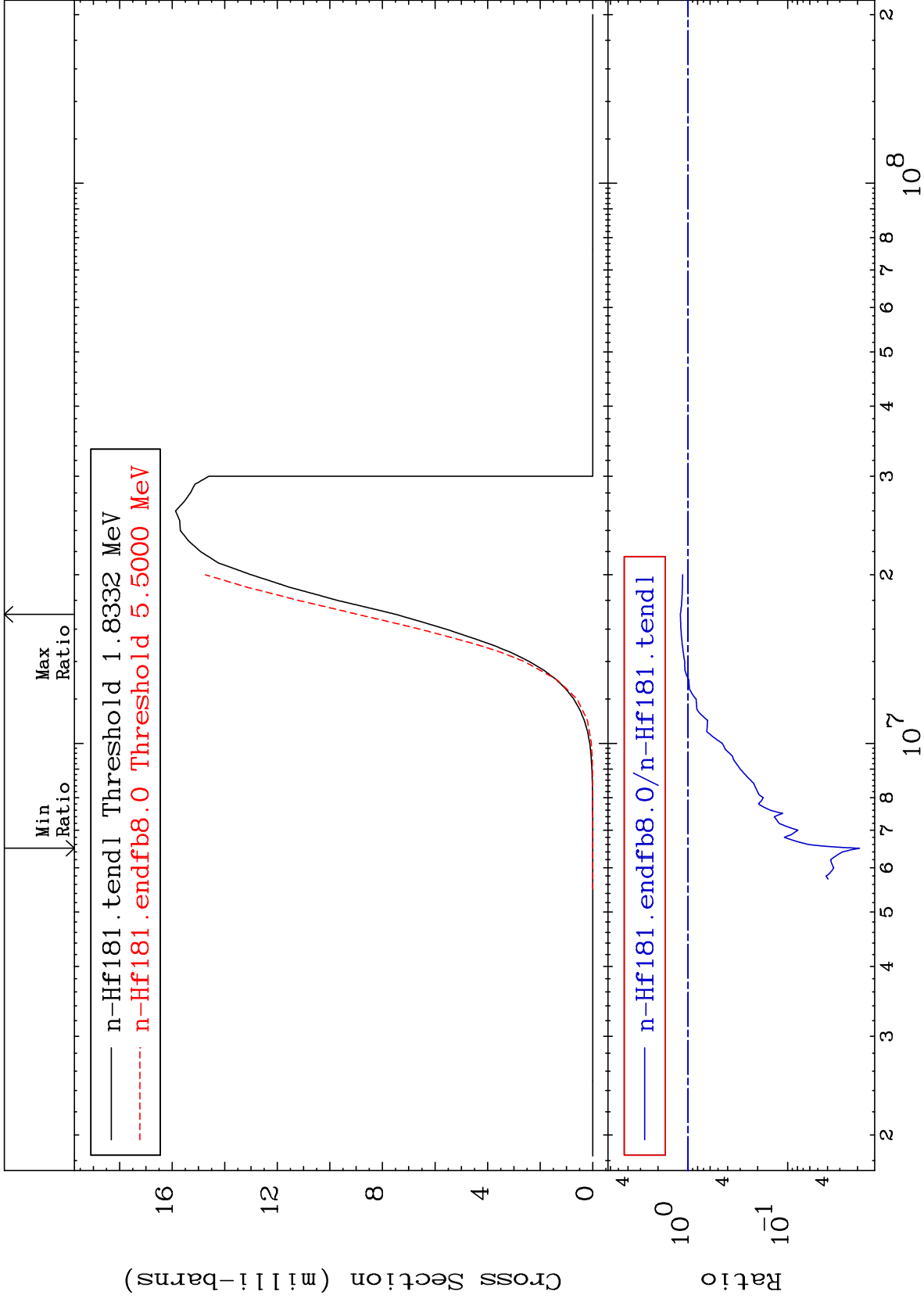
72-Hf-181  
-99.92 To 6295. %

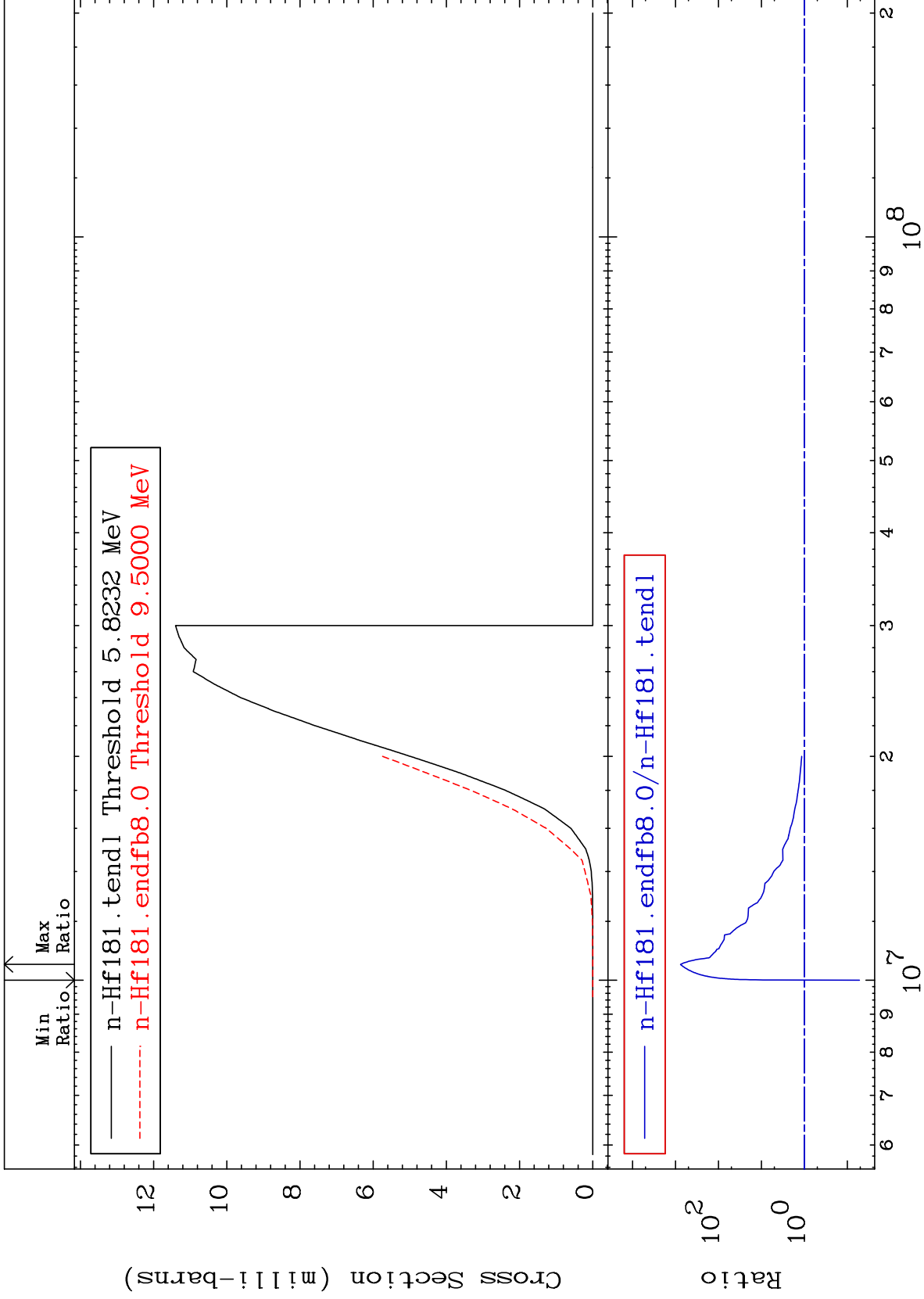


MAT 7246

(n,p)  
Cross Section

72-Hf-181  
-98.09 To 19.43 %

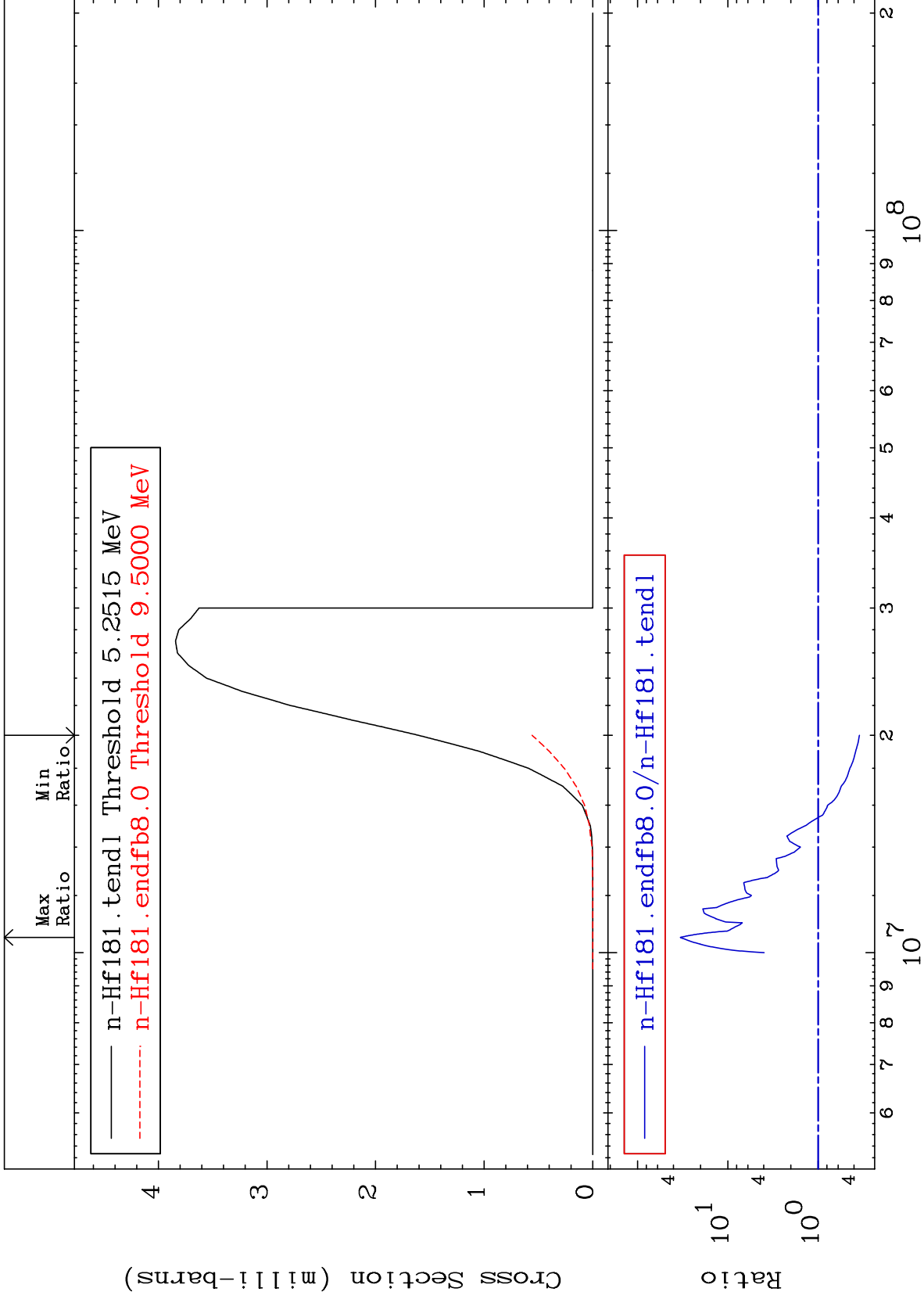




MAT 7246

(n, t)  
Cross Section

72-Hf-181  
-65.19 To 3253. %





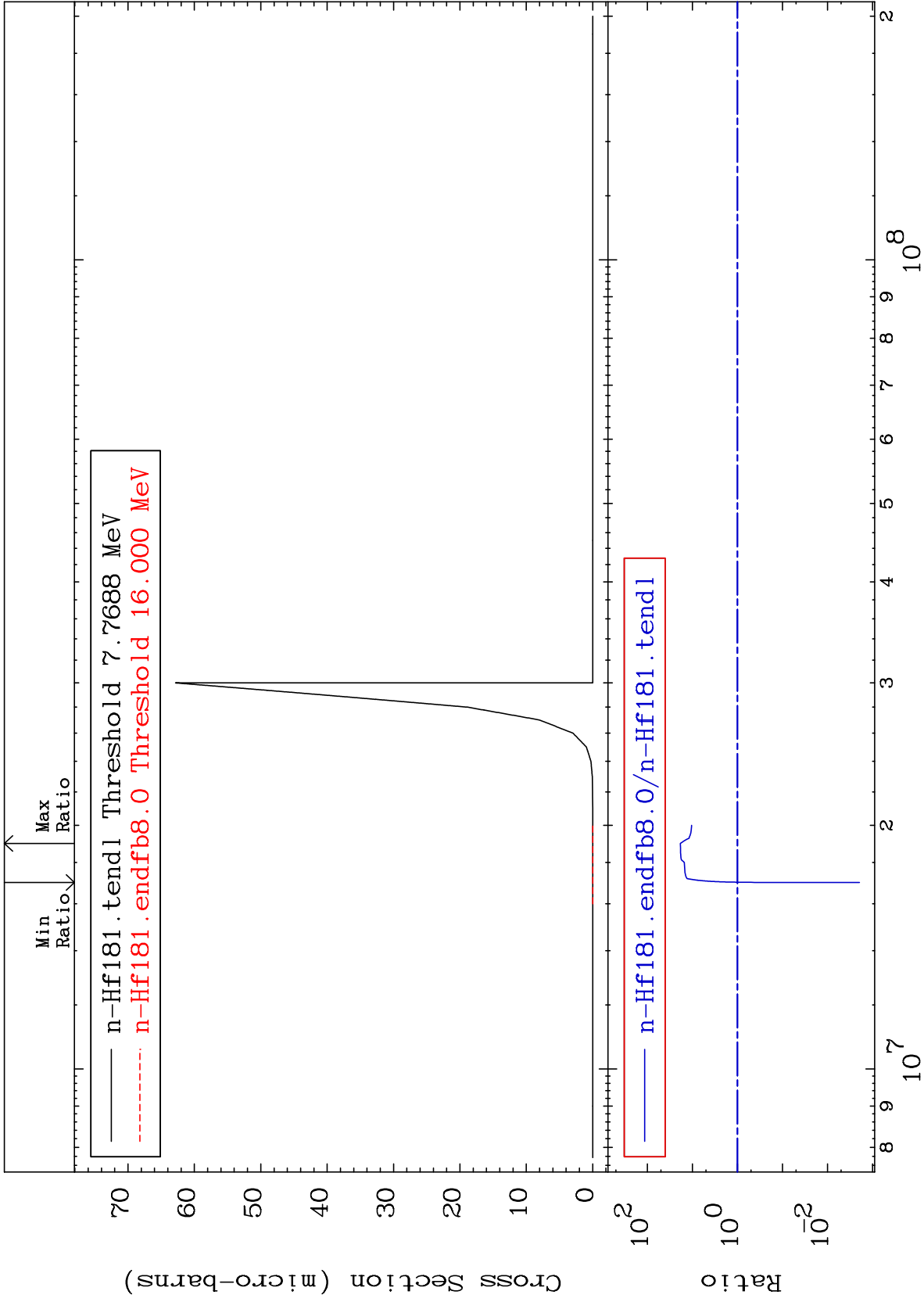
MAT 7246

(n, He-3)

72-Hf-181

Cross Section

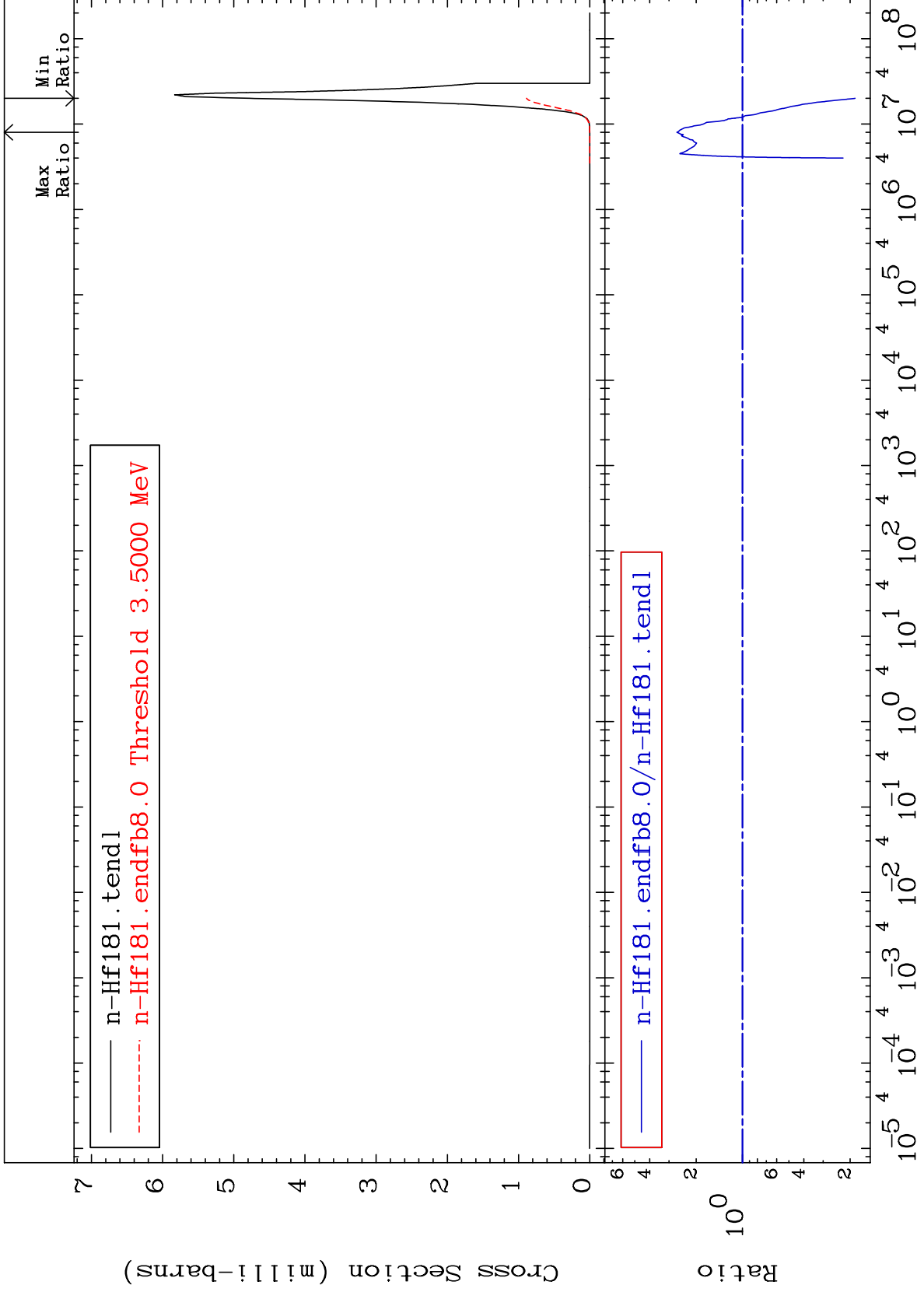
-99.80 To 1755. %



MAT 7246

(n,  $\alpha$ )  
Cross Section

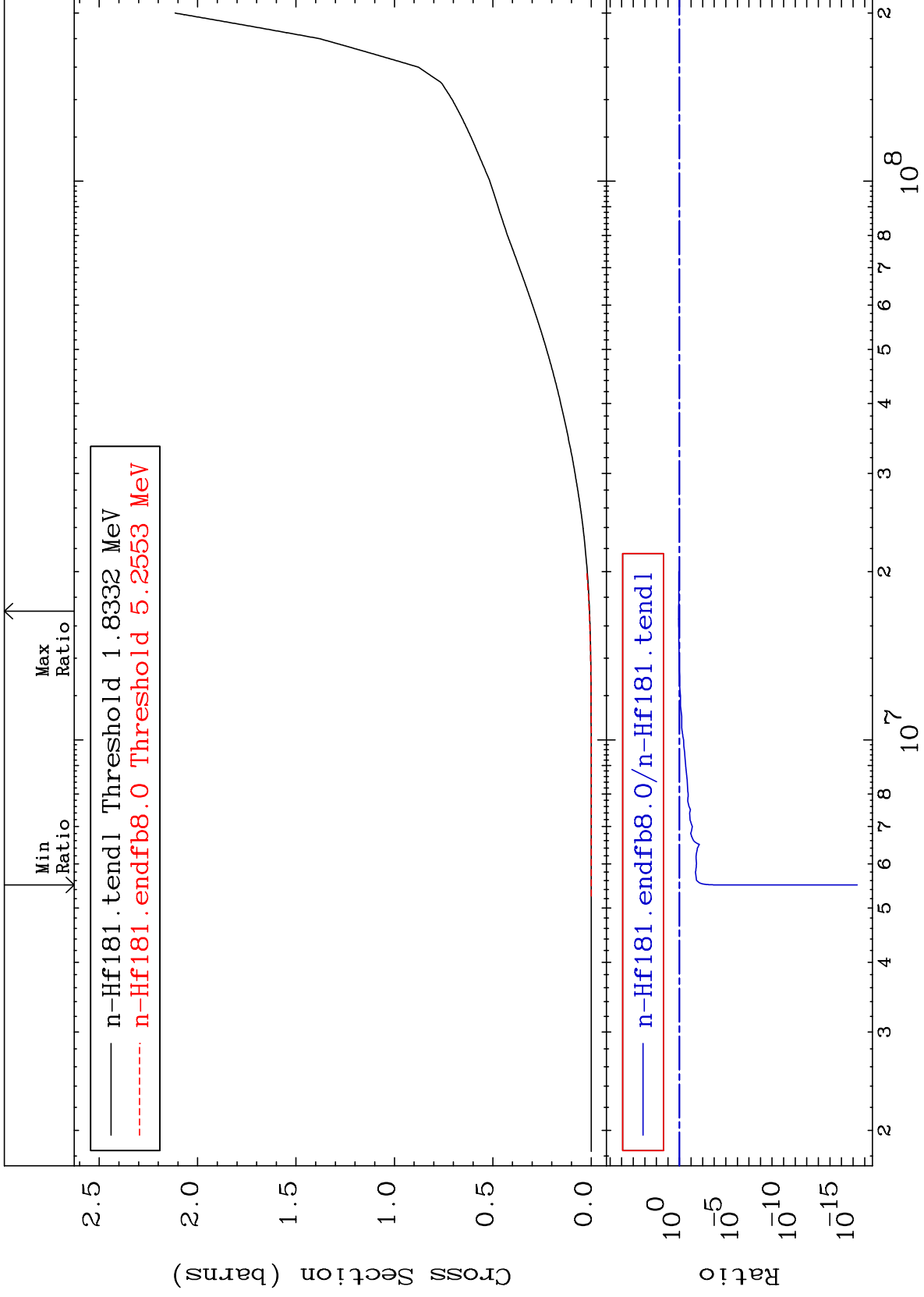
72-Hf-181  
-81.41 To 166.6 %

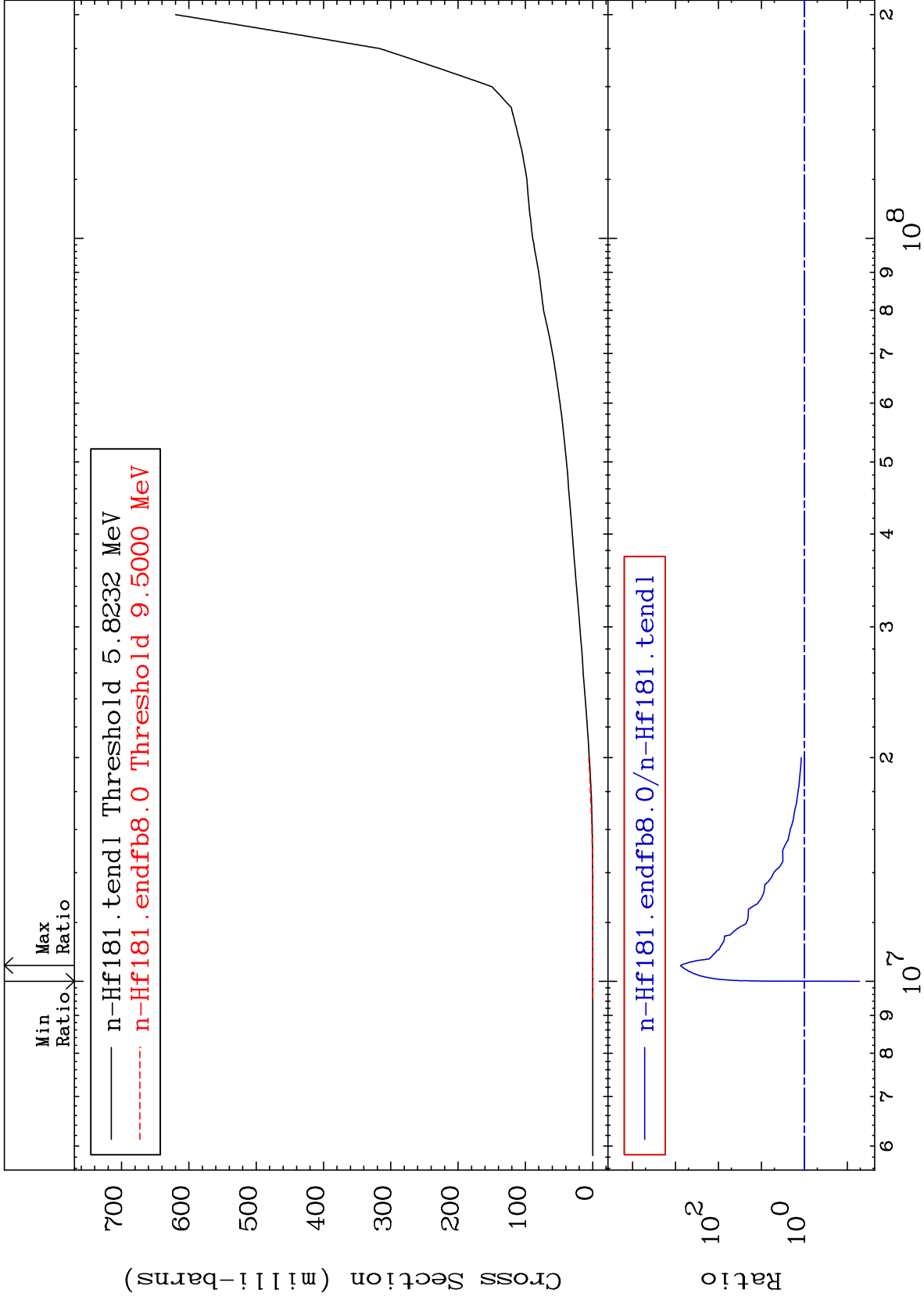


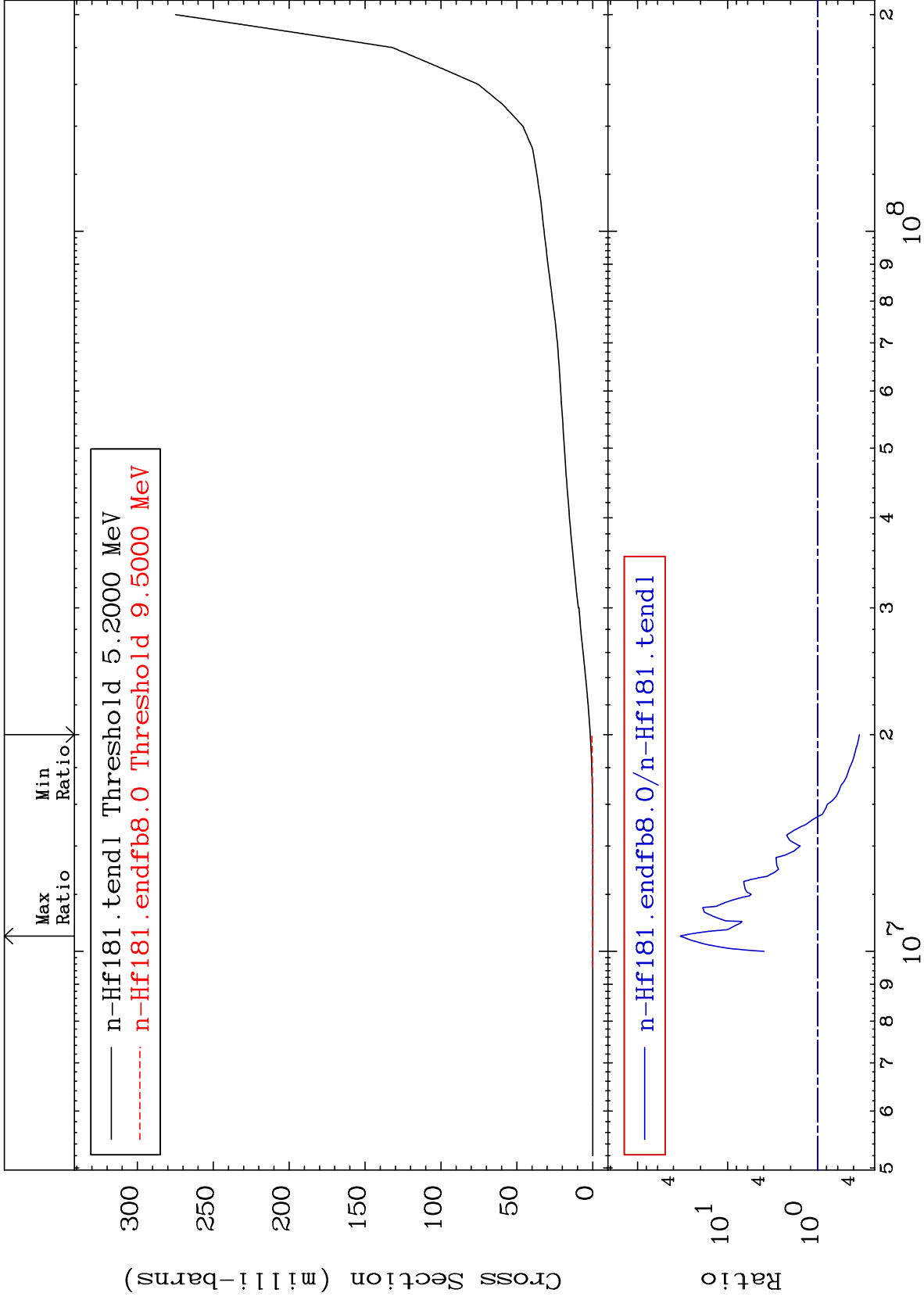
MAT 7246

Hydrogen Production  
Cross Section

<sup>72</sup>Hf-181  
-100.0 To 19.12 %



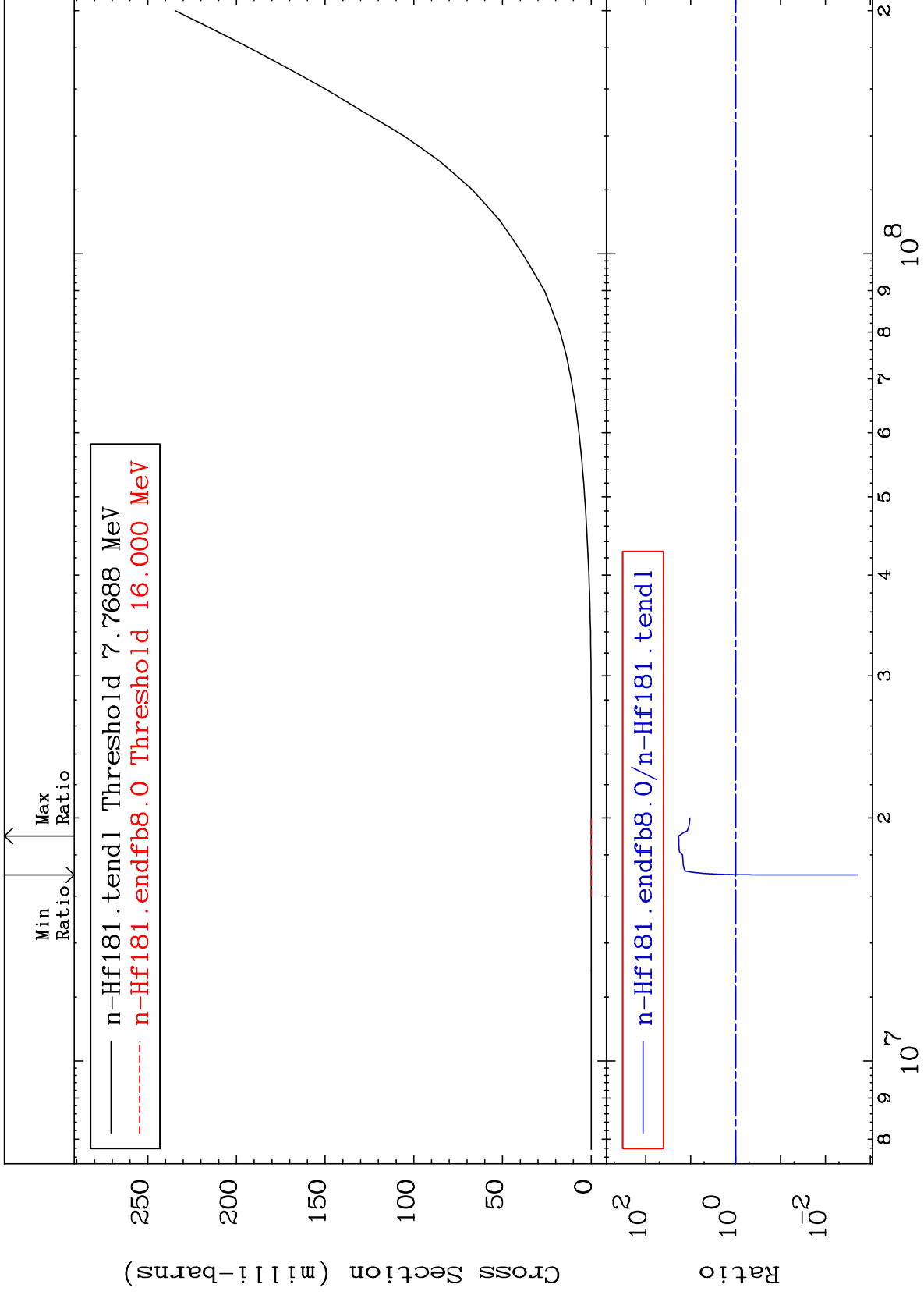




MAT 7246

He-3 Production  
Cross Section

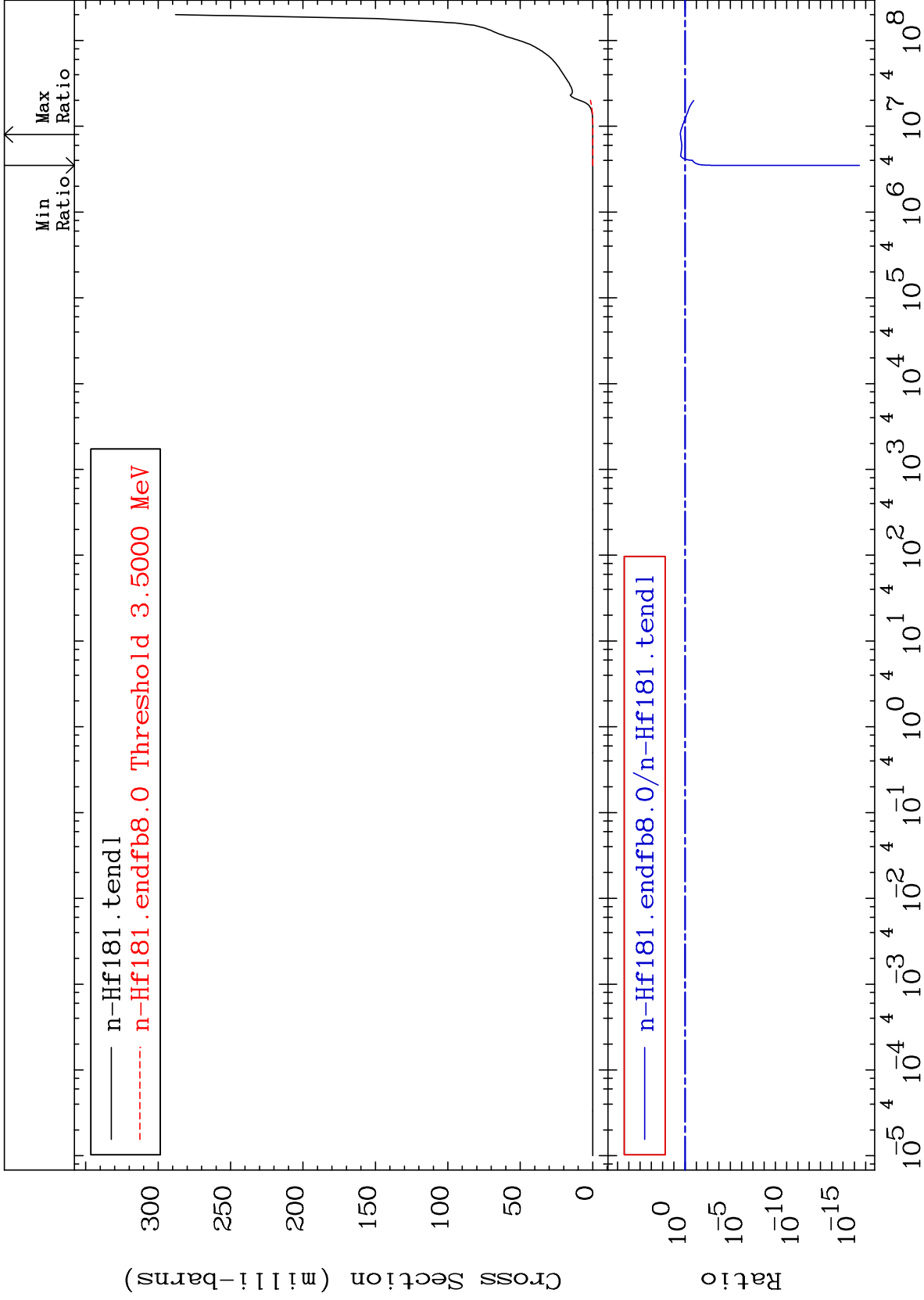
72-Hf-181  
-99.80 To 1755. %

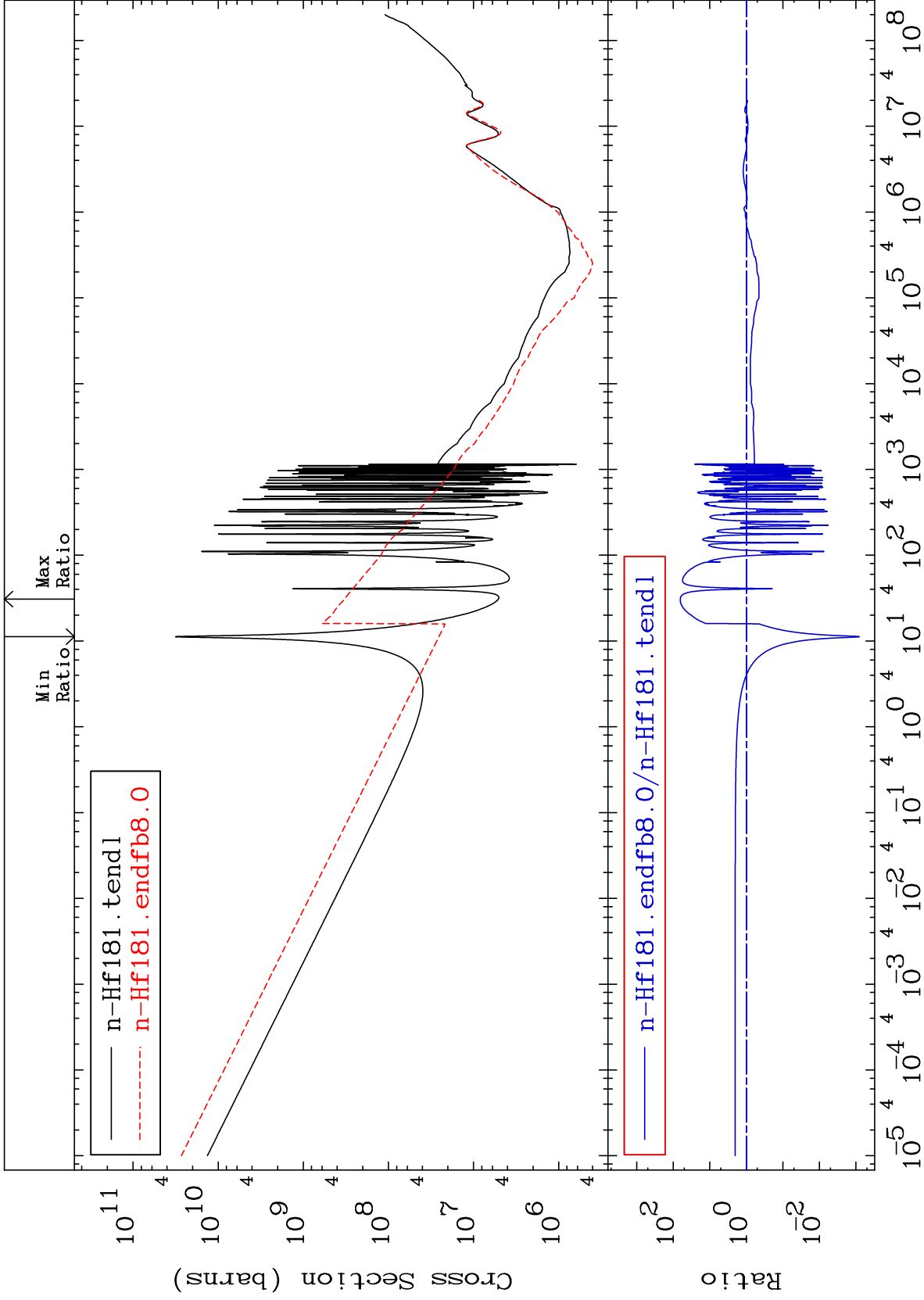


30

Incident Energy (eV)

72-Hf-181



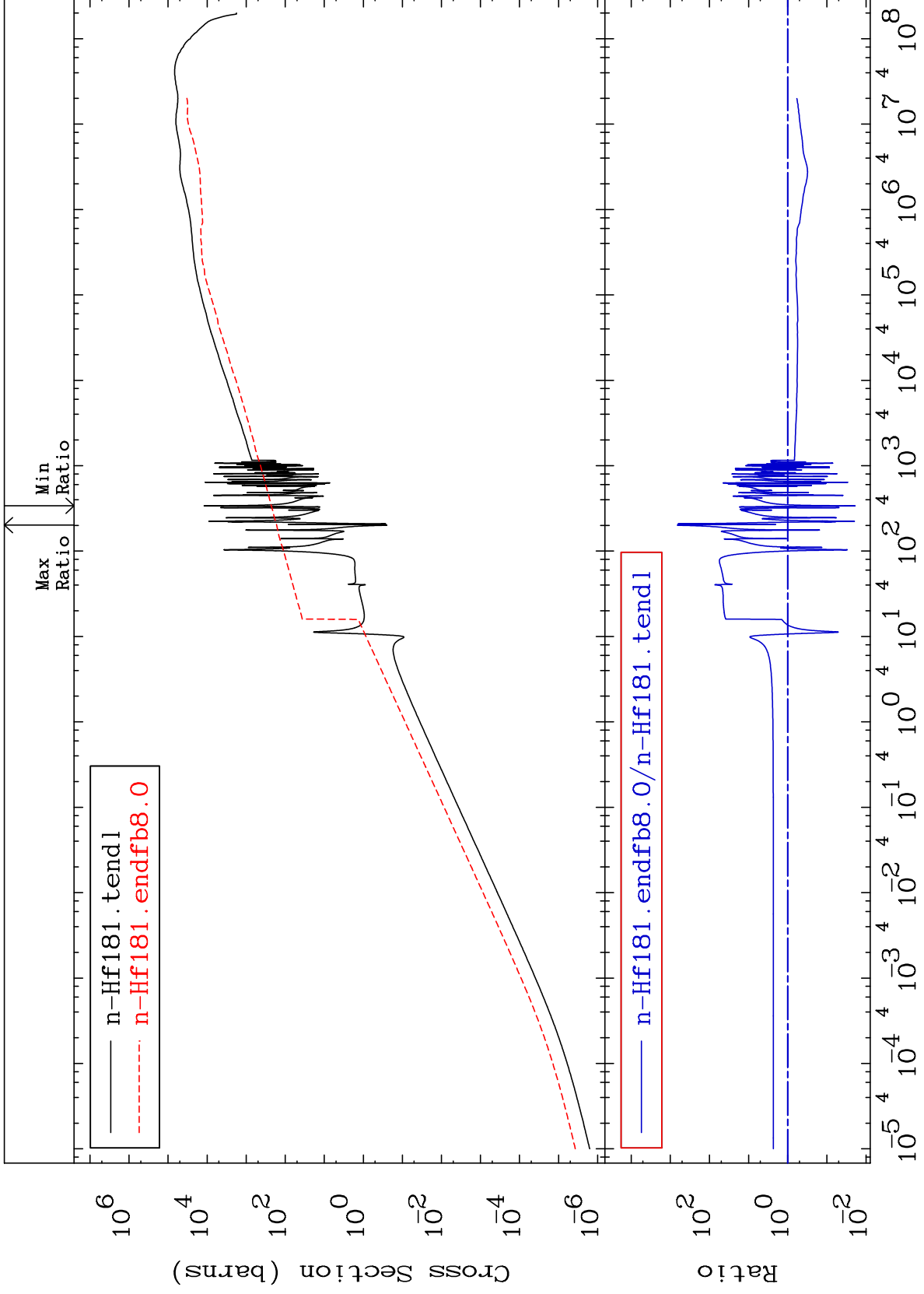


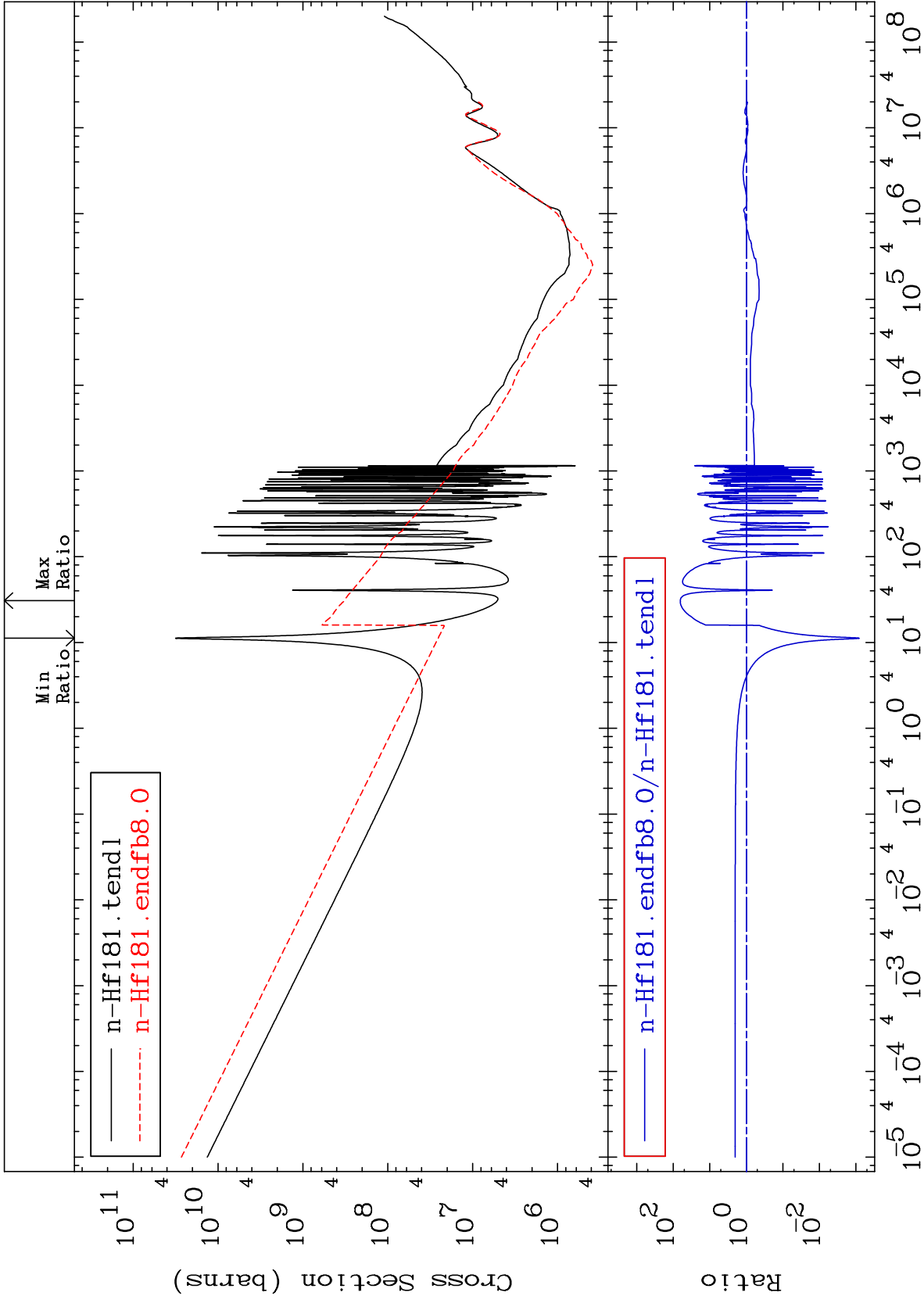


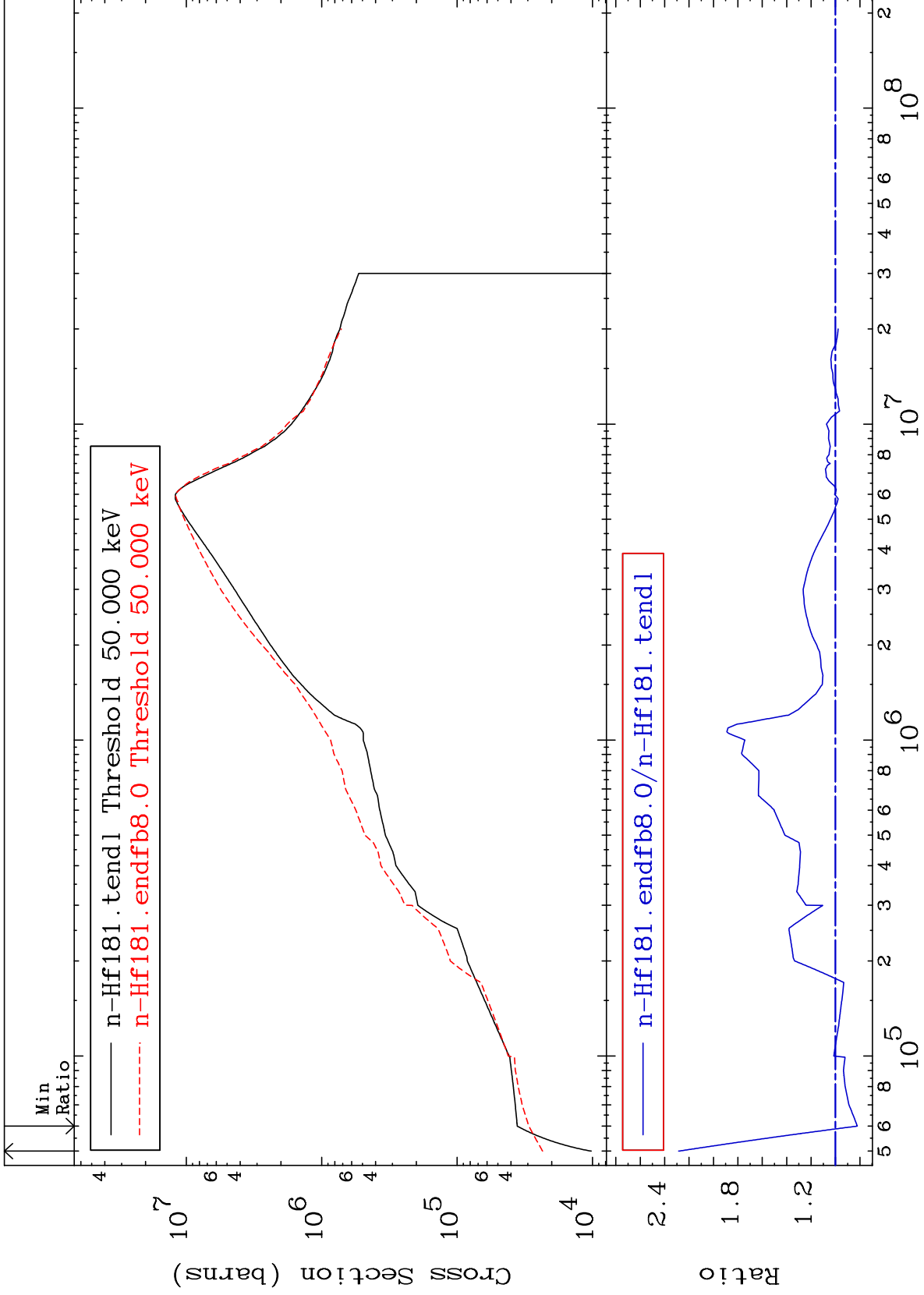
MAT 7246

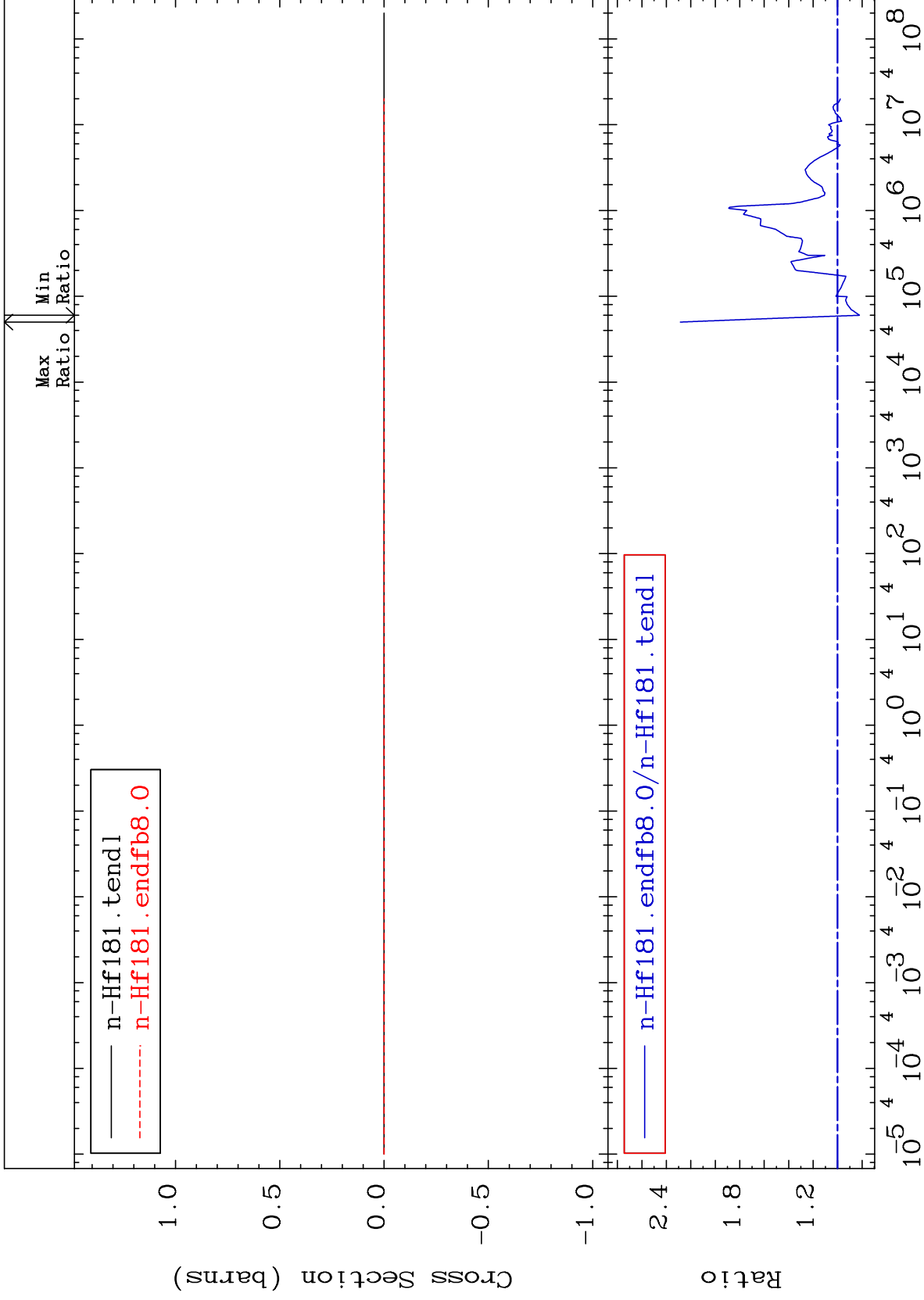
Kerma elastic  
Cross Section

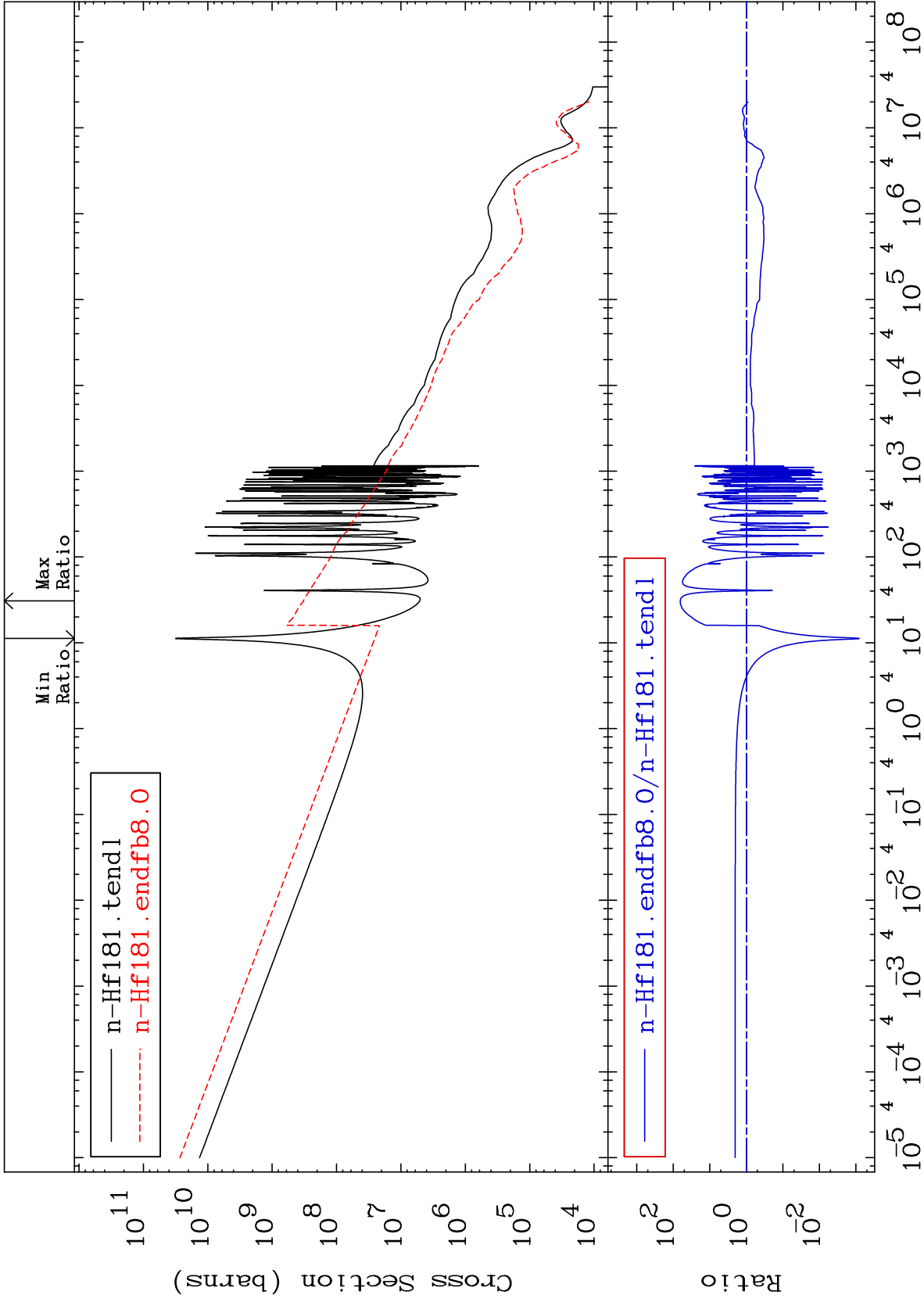
<sup>72</sup>Hf-181  
-98.10 To 9999. %

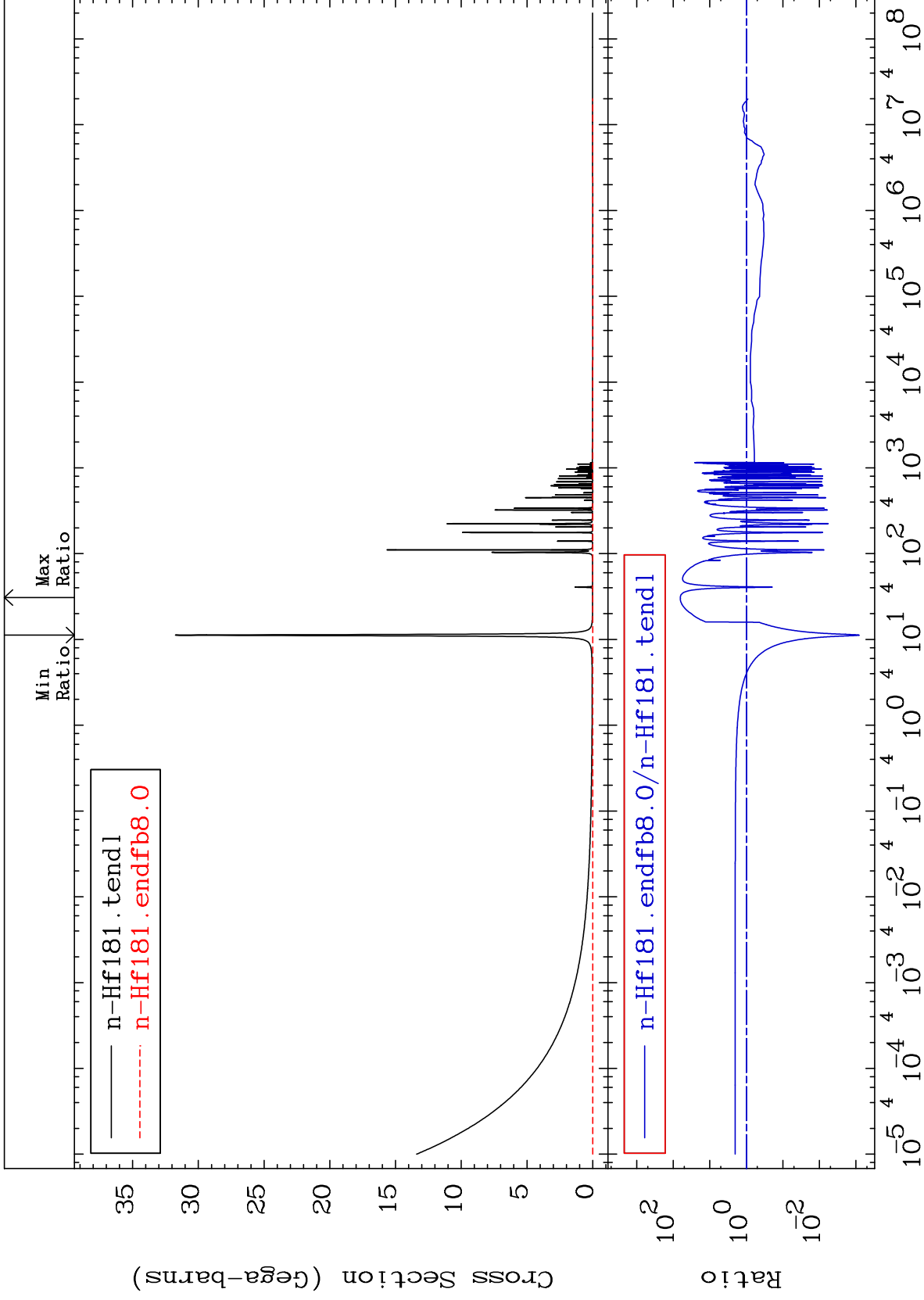


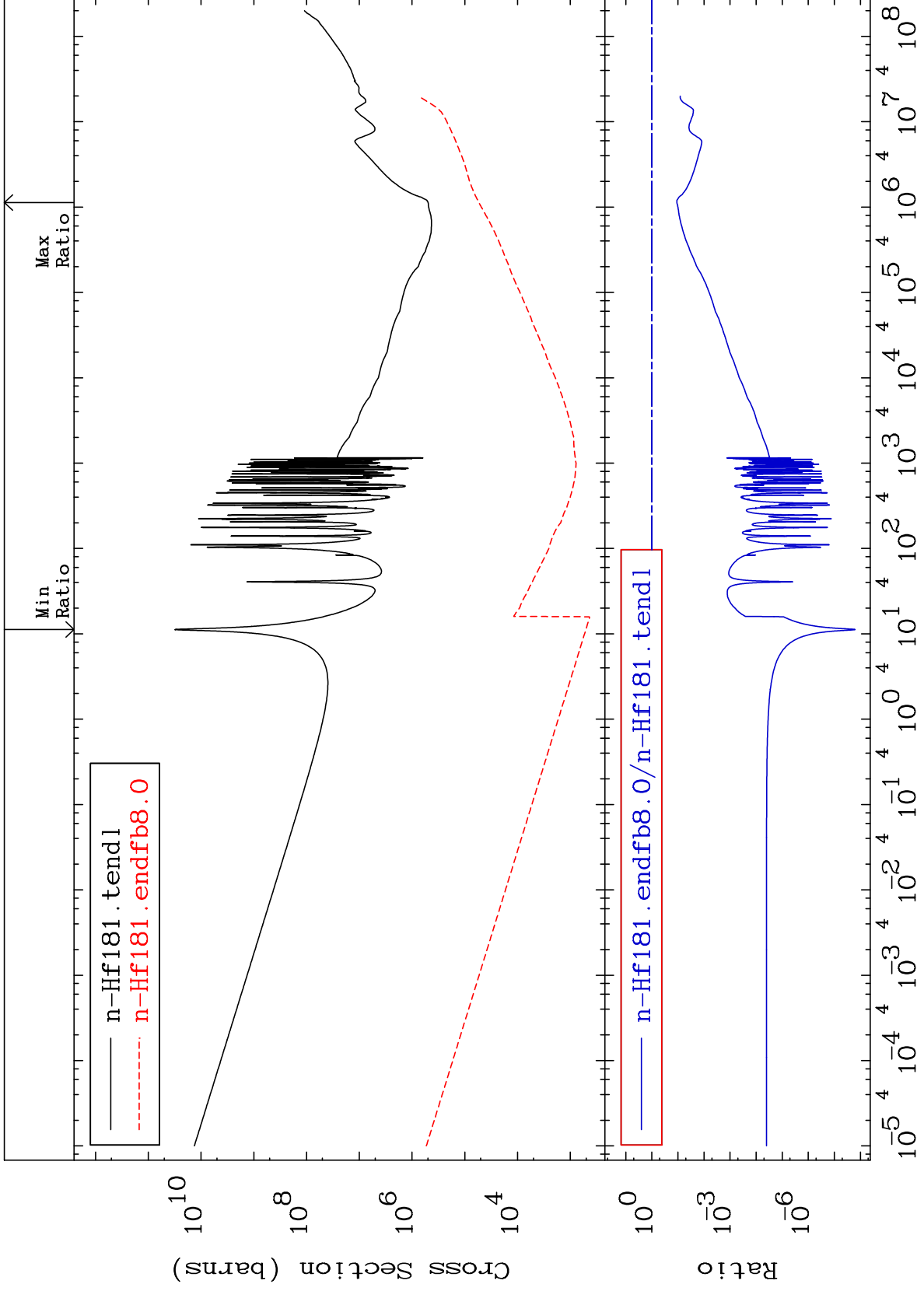












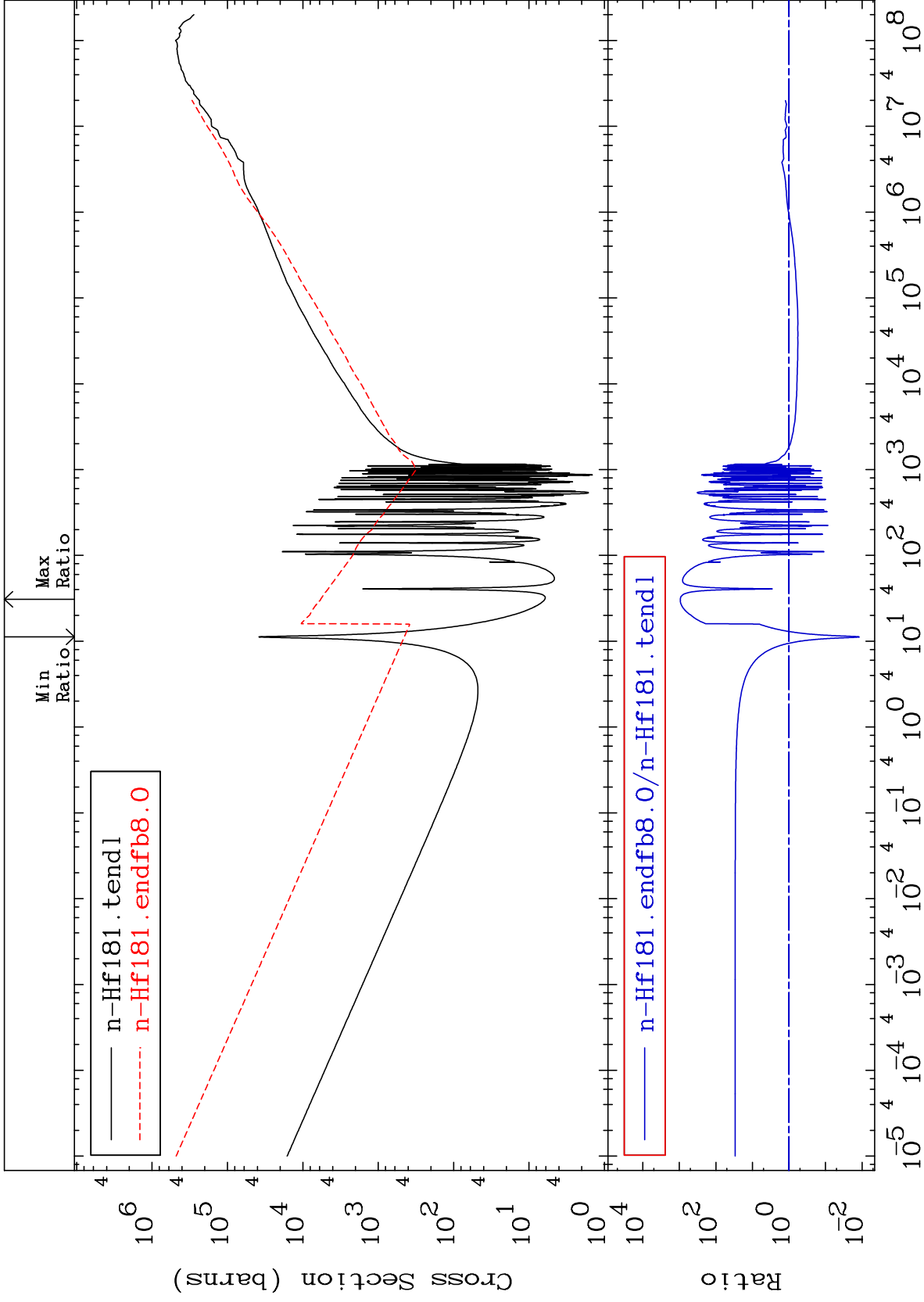
MAT 7246

Dpa total (eV-barns)

72-Hf-181

-98.82 To 9999. %

Cross Section



40

Incident Energy (eV)

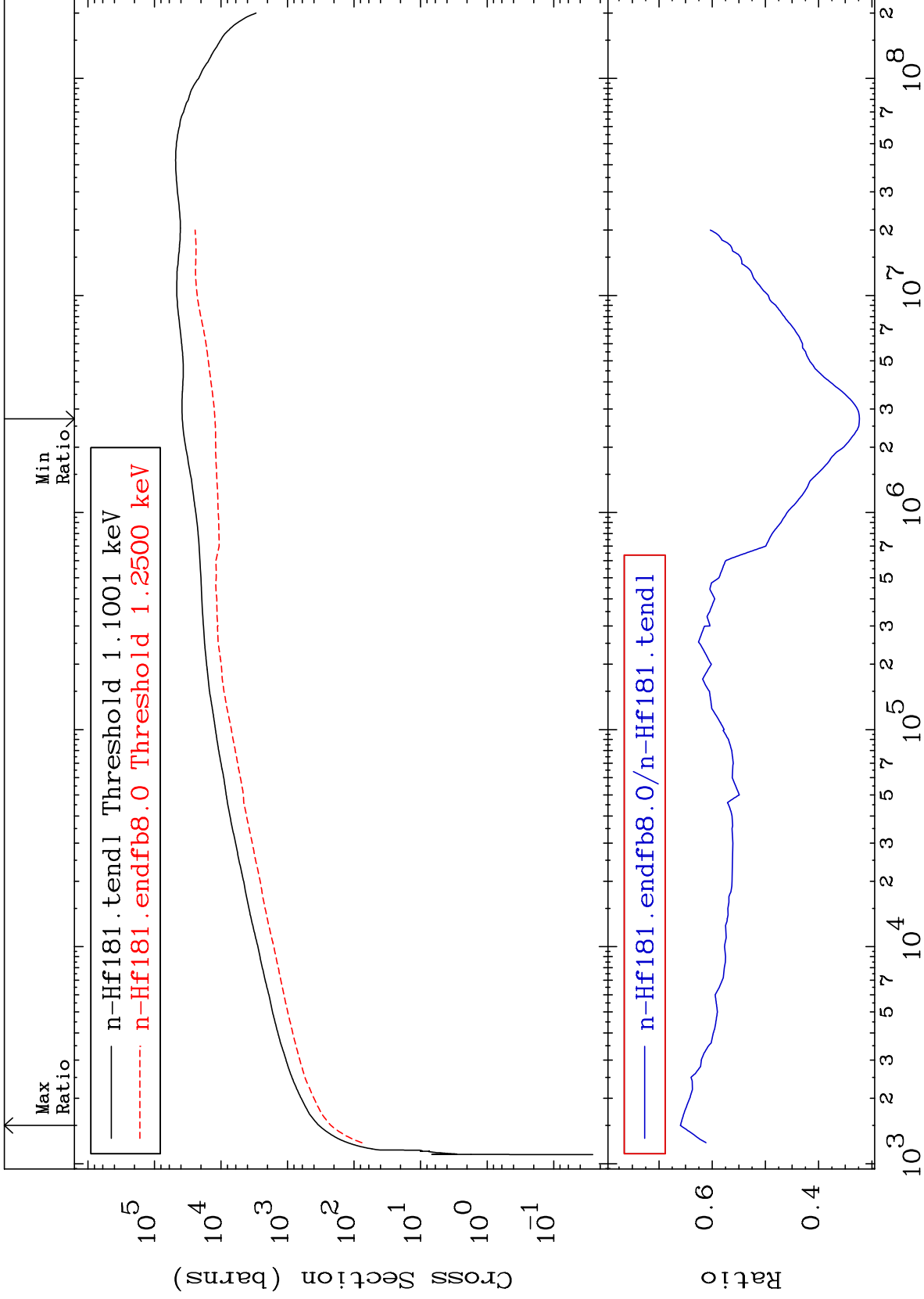
72-Hf-181



MAT 7246

Dpa elastic (mt2)  
Cross Section

72-Hf-181  
-67.66 To -34.02%



41

Incident Energy (eV)

72-Hf-181

MAT 7246

Dpa inelastic (mt51-91)  
Cross Section

72-Hf-181  
-18.16 To 2063. %

