

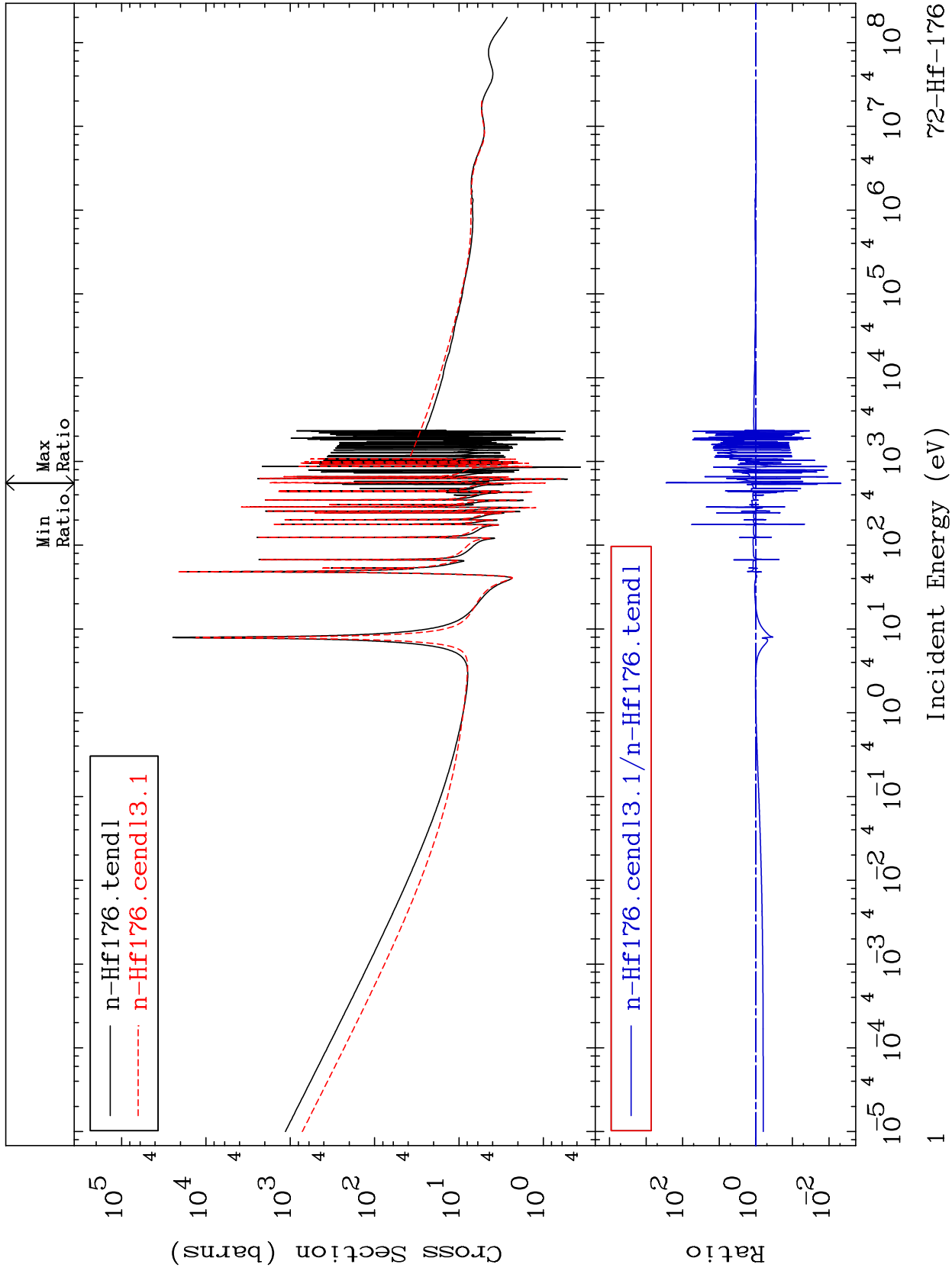
MAT 7231

Total

72-Hf-176

Cross Section

-99.52 To 9999. %



Incident Energy (eV)

72-Hf-176

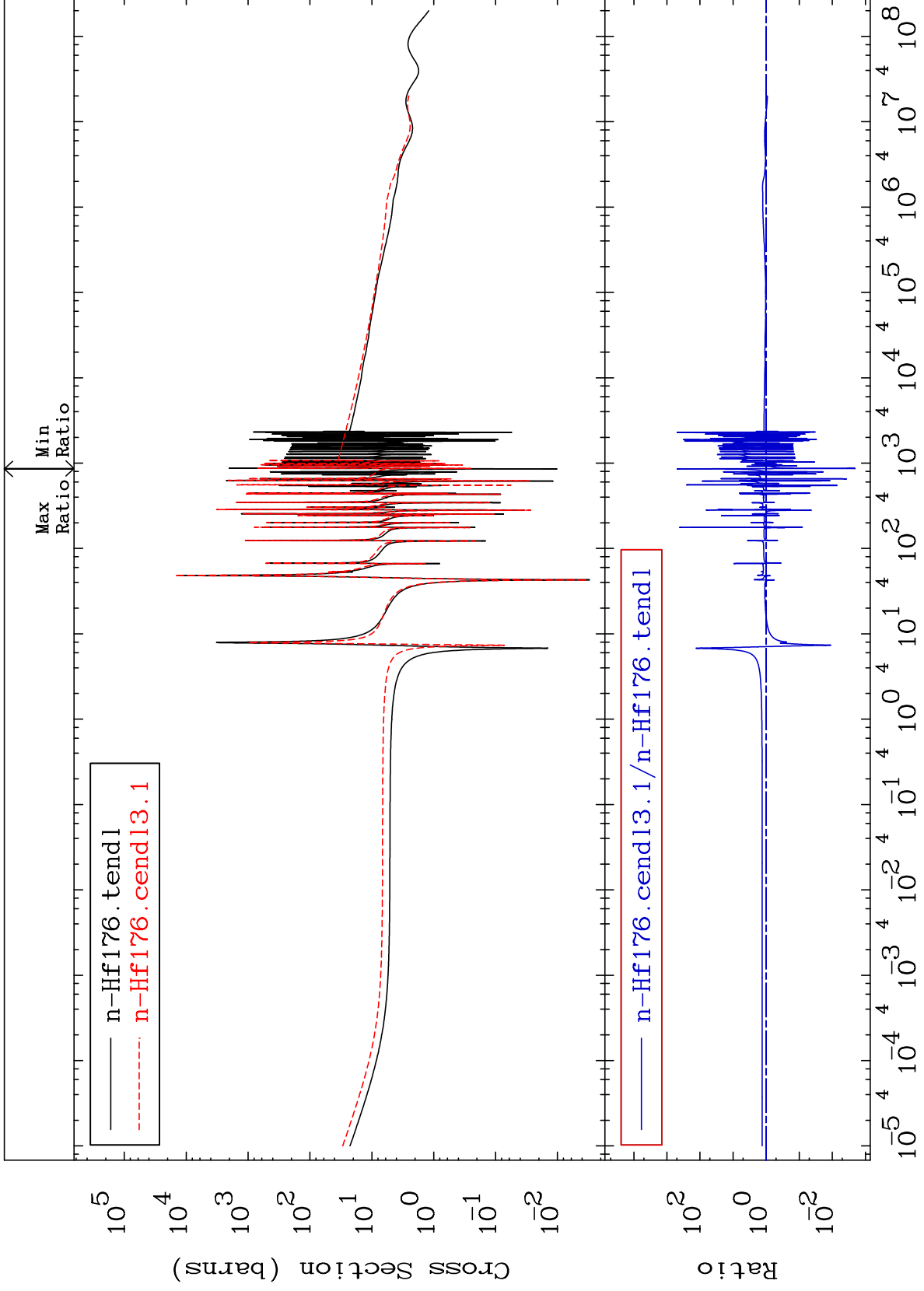
MAT 7231

Elastic

Cross Section

<sup>72</sup>Hf-176

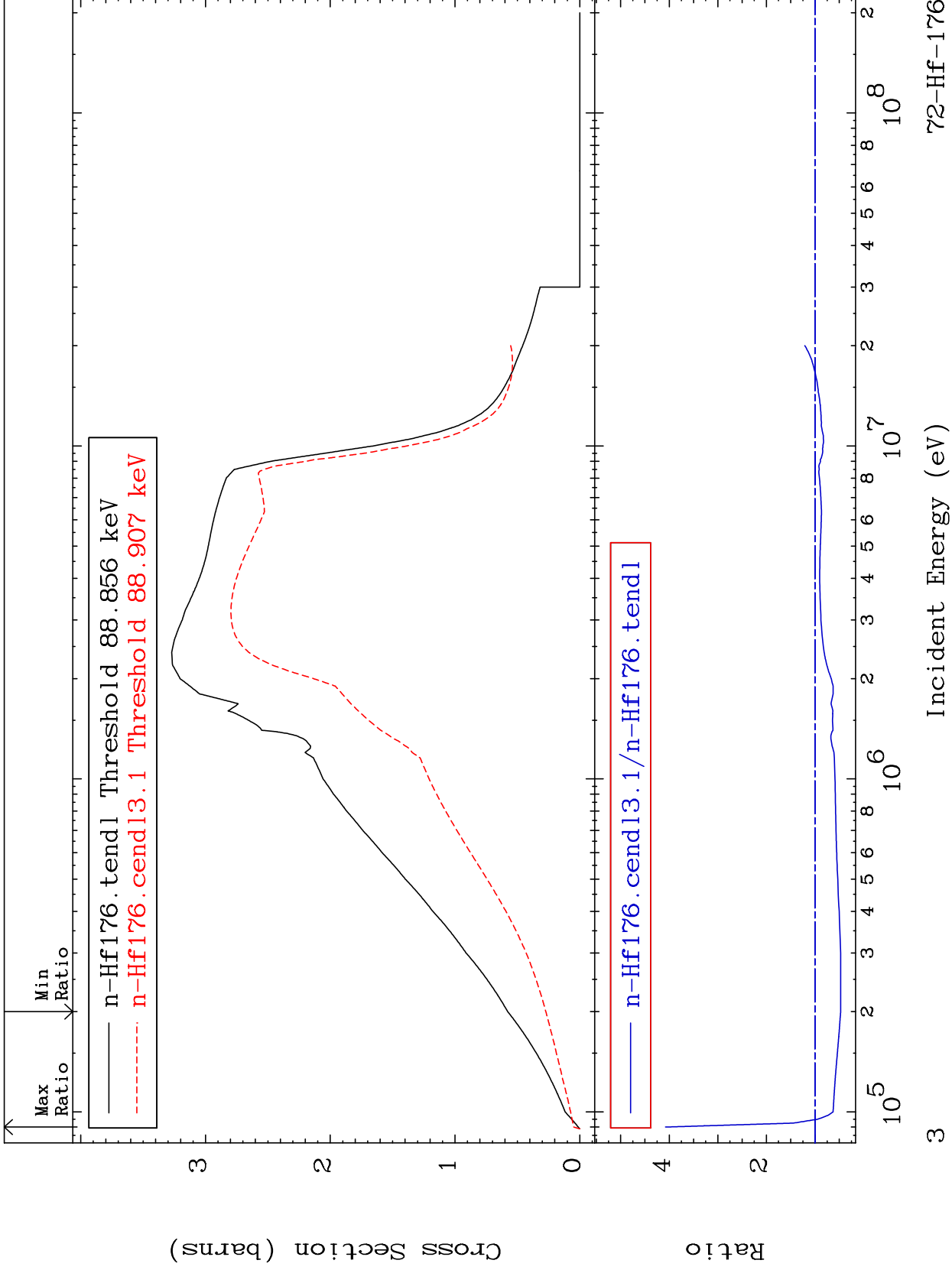
-99.80 To 9999. %



MAT 7231

Inelastic  
Cross Section

72-Hf-176  
-52.88 To 307.7 %



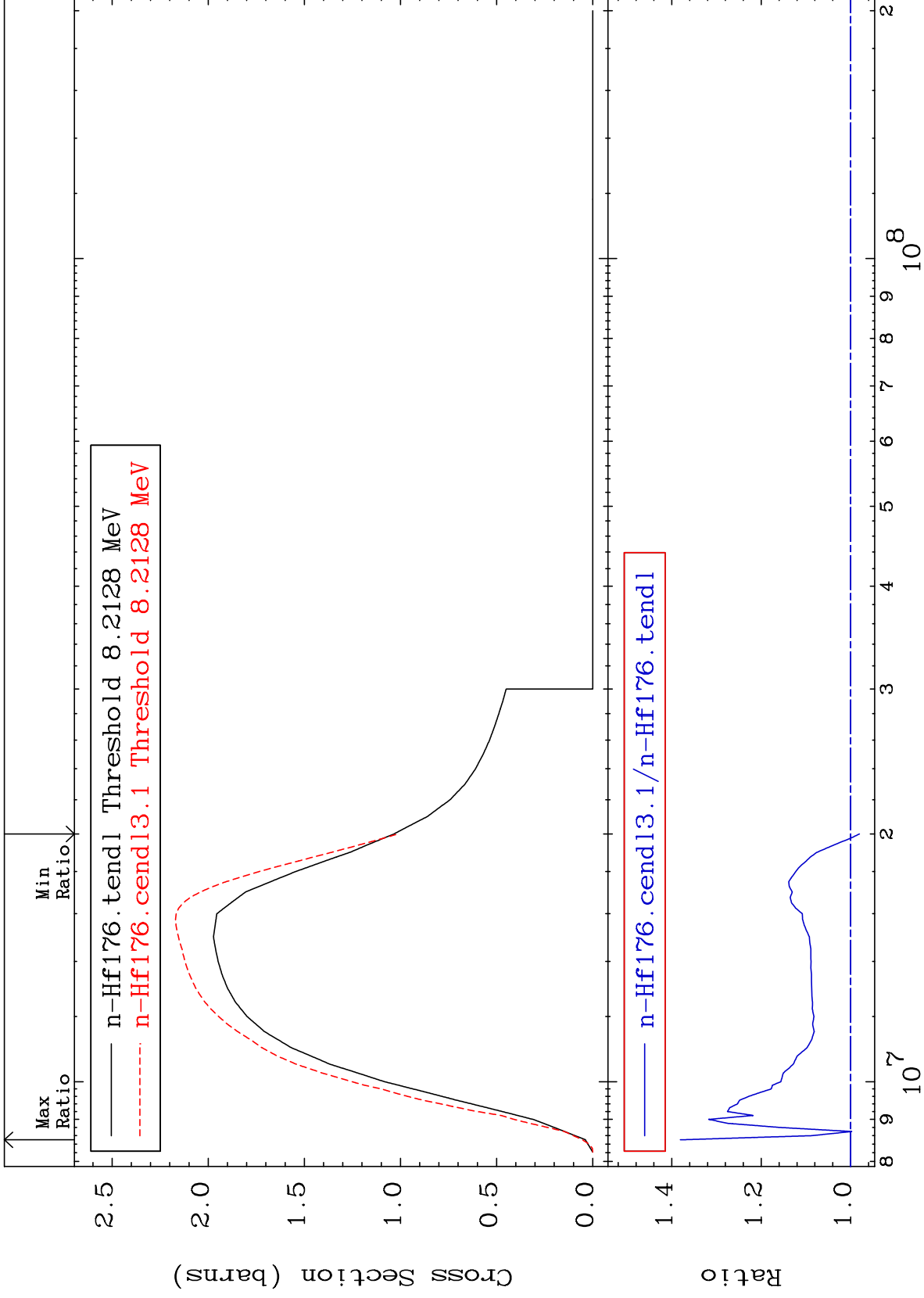
MAT 7231

(n,2n)

<sup>72</sup>Hf-176

Cross Section

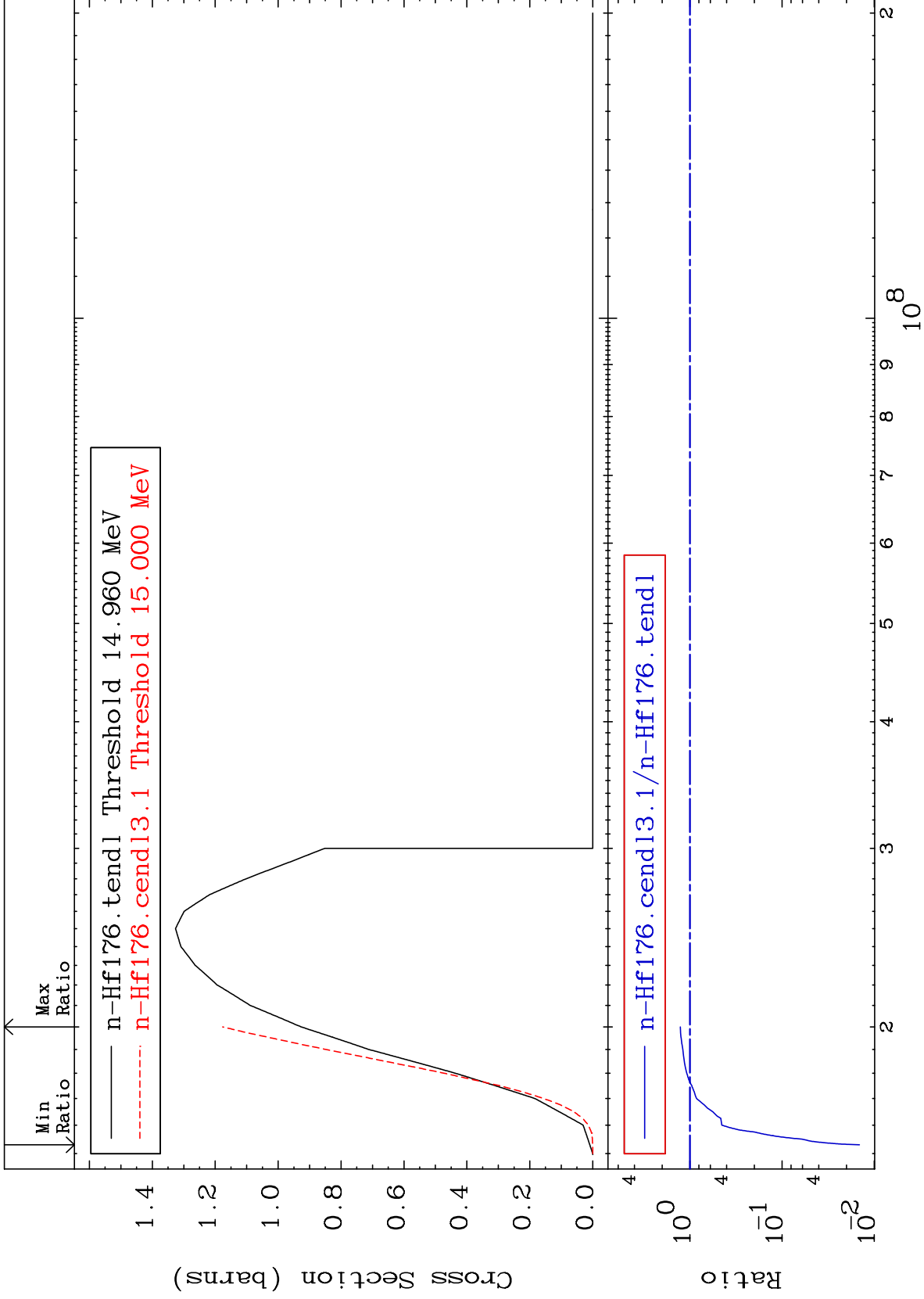
-1.967 To 38.08 %

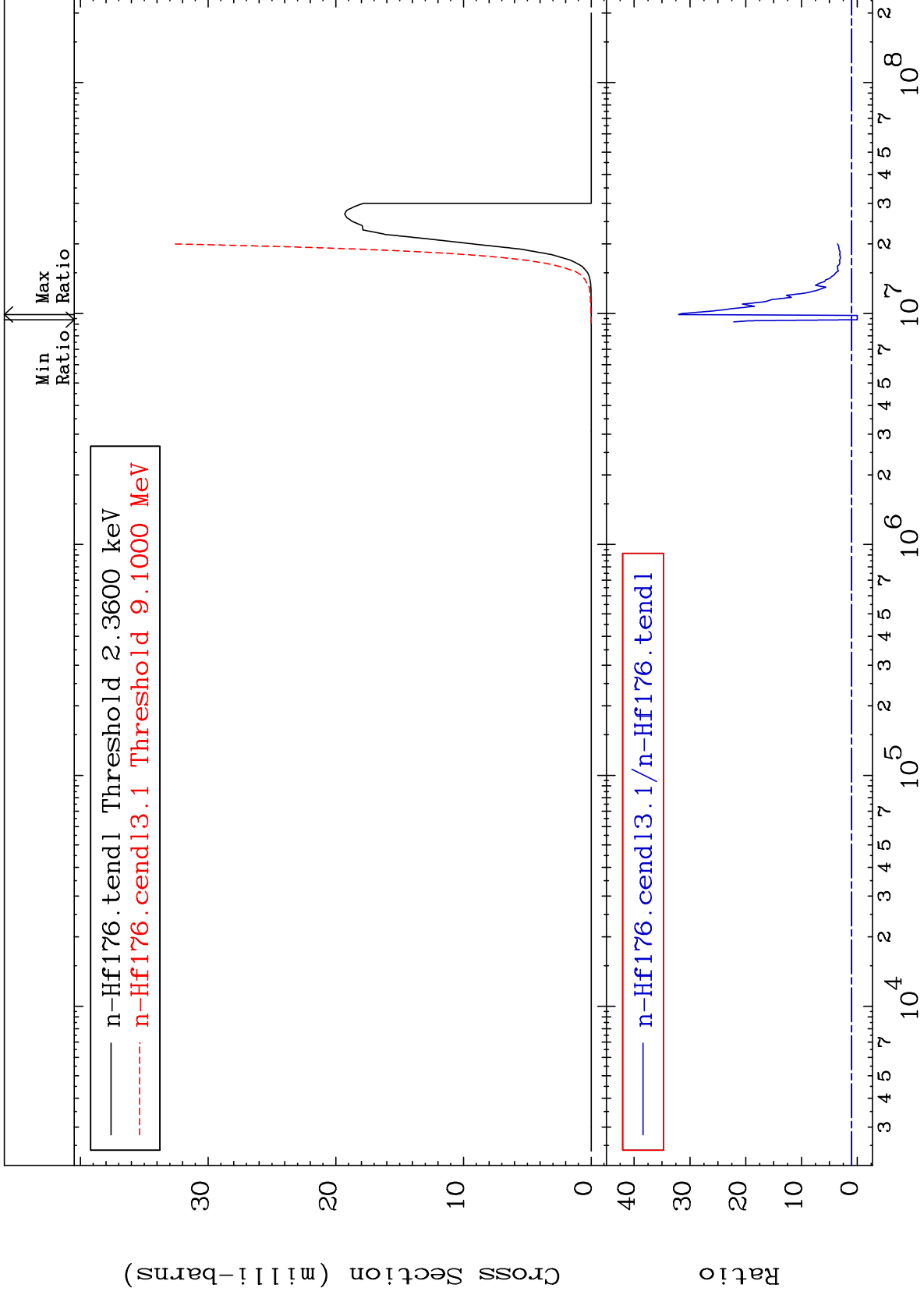


Incident Energy (eV)

<sup>72</sup>Hf-176

4

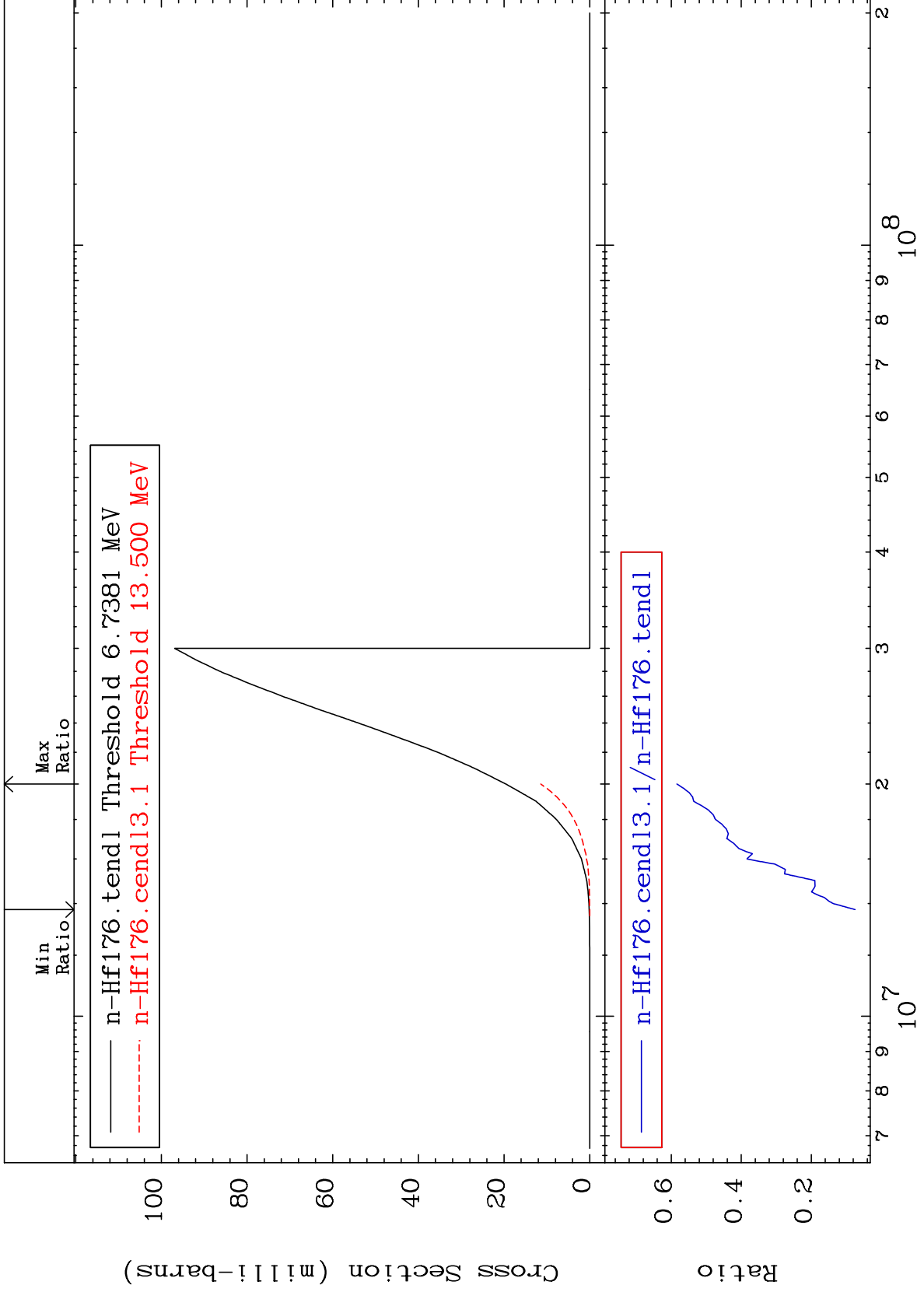




MAT 7231

(n,n') p  
Cross Section

72-Hf-176  
-92.52 To -41.64%



7

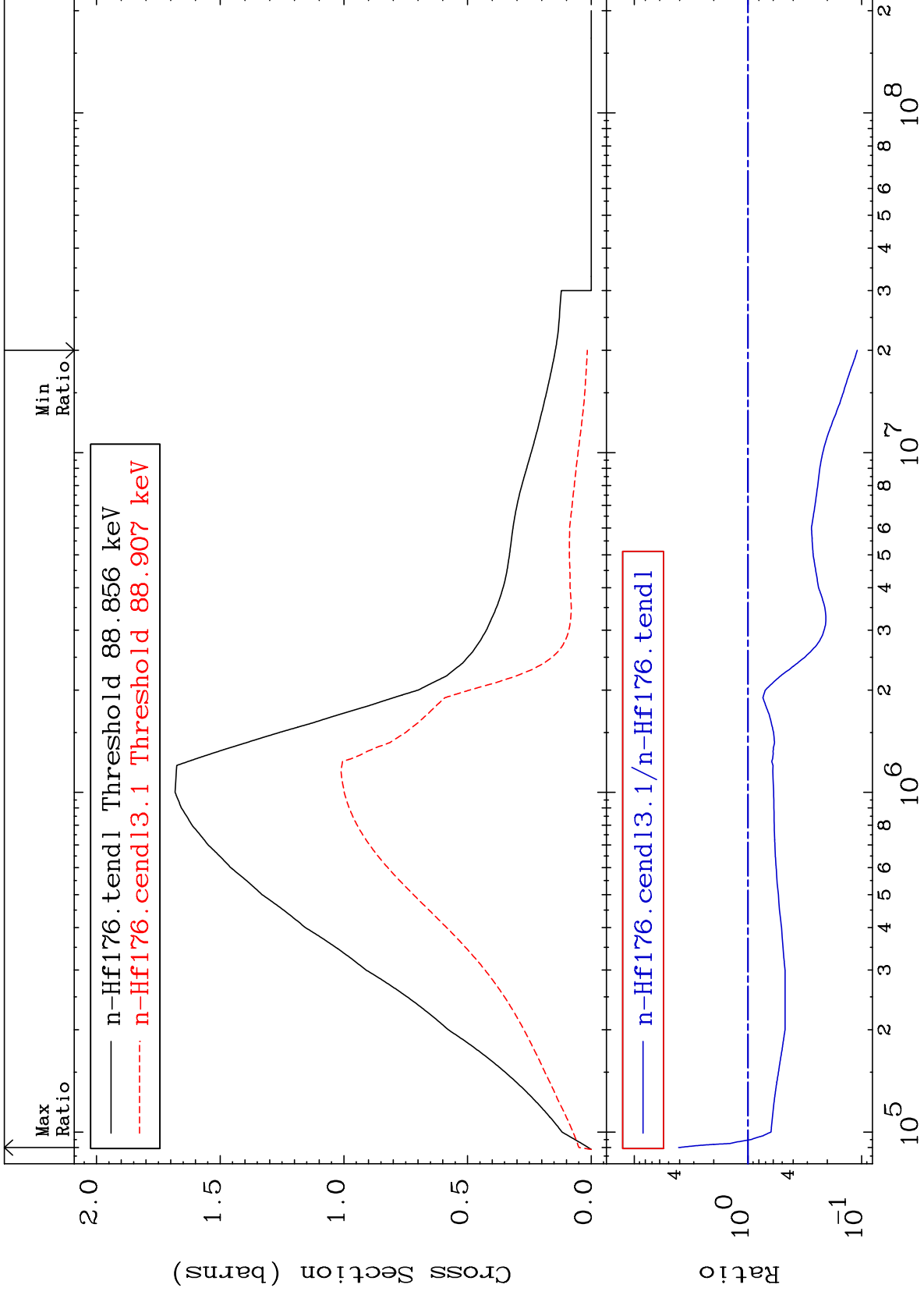
Incident Energy (eV)

72-Hf-176

MAT 7231

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

72-Hf-176  
-89.09 To 307.7 %



72-Hf-176

Incident Energy (eV)

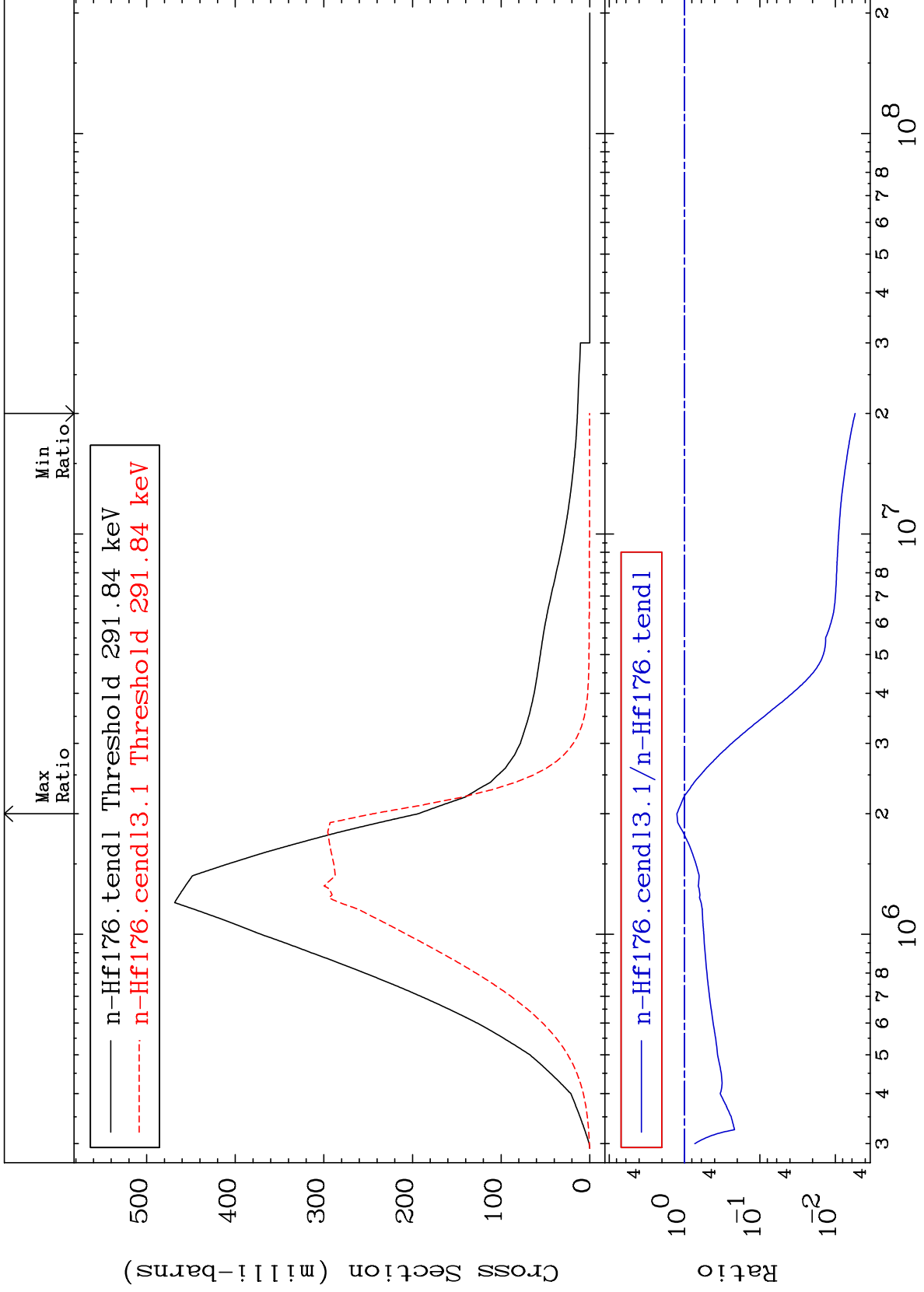
8



MAT 7231

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

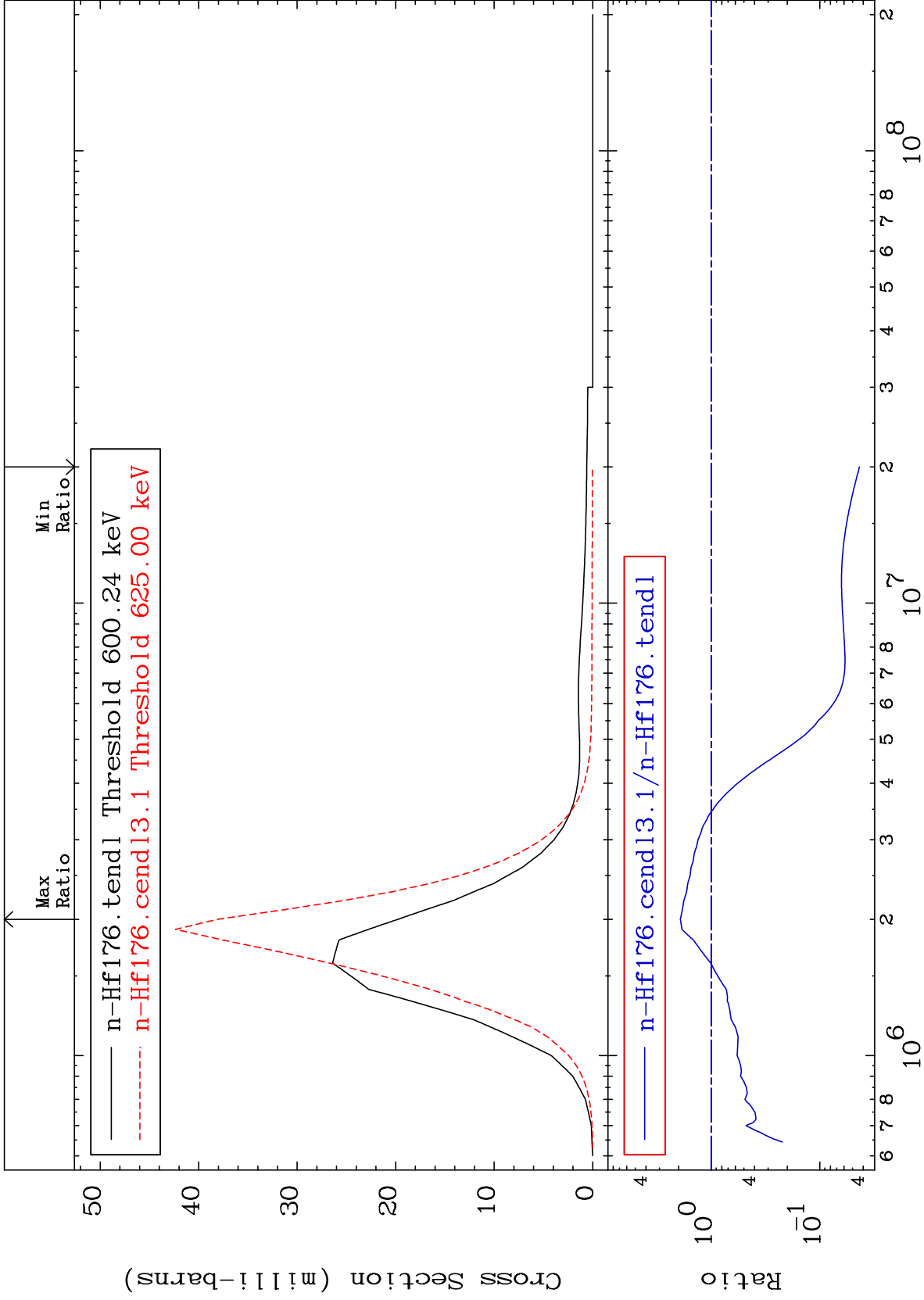
72-Hf-176  
-99.45 To 26.34 %



MAT 7231

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

72-Hf-176  
-95.68 To 92.55 %



10

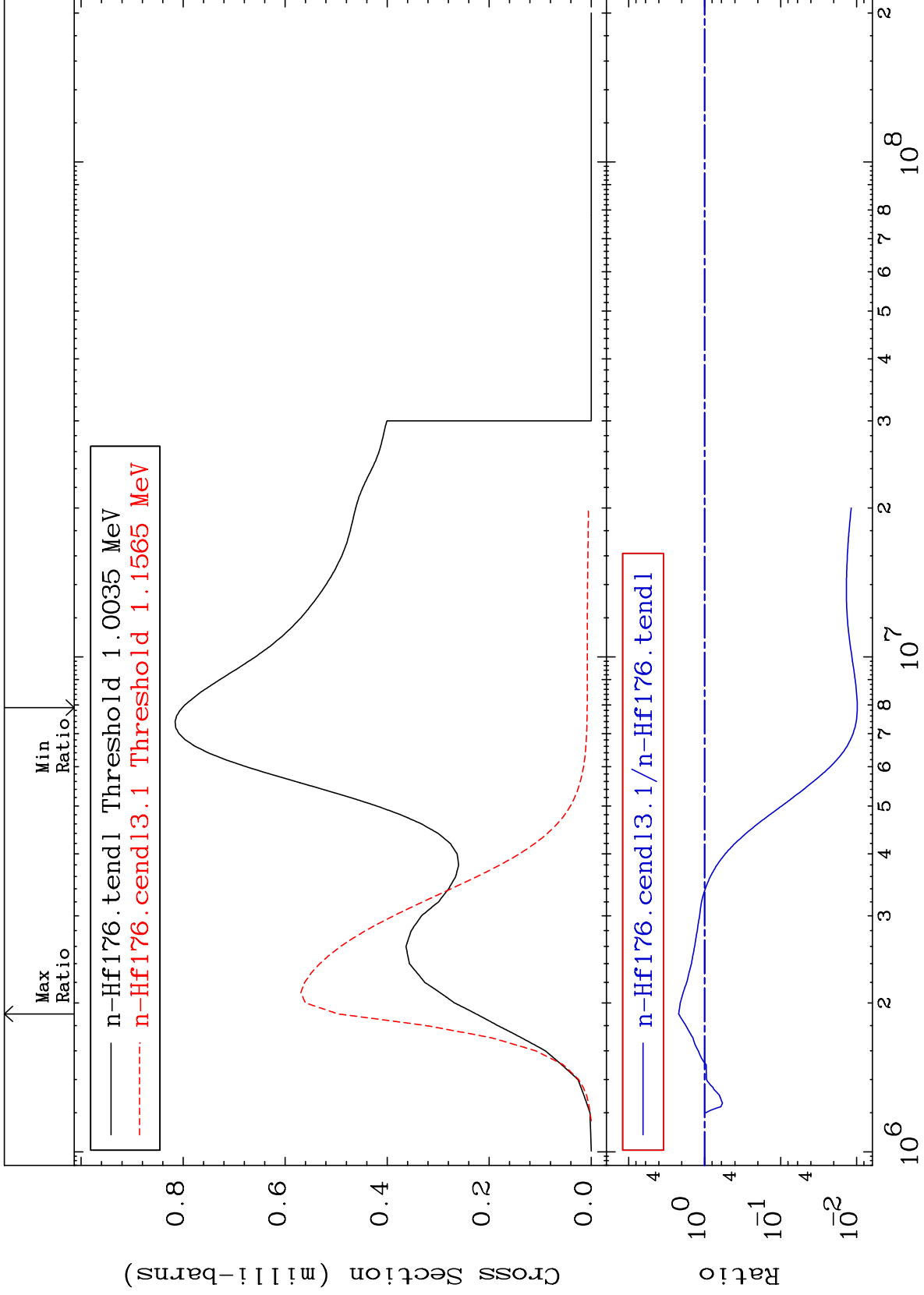
Incident Energy (eV)

72-Hf-176

MAT 7231

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

72-Hf-176  
-99.02 To 120.0 %



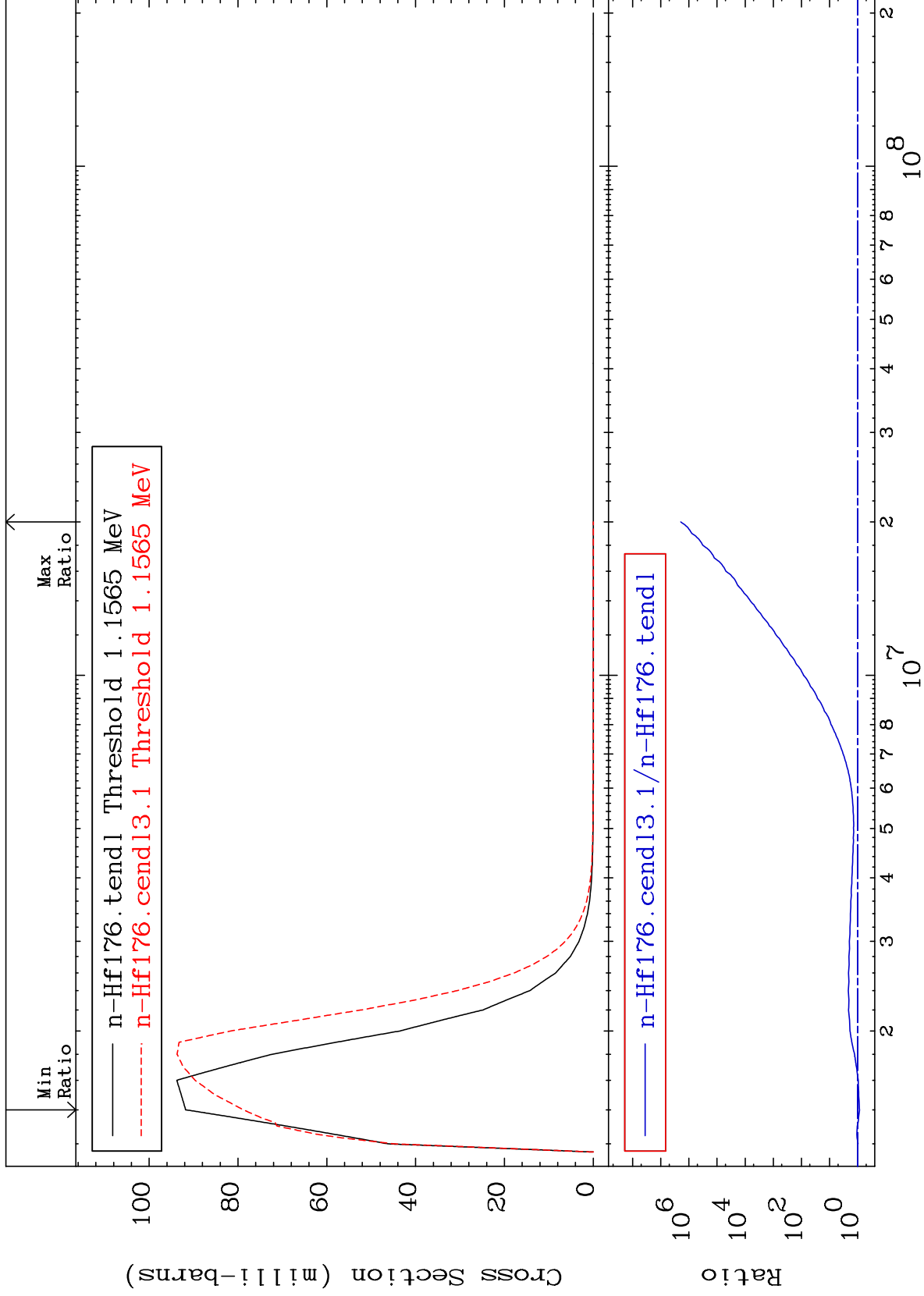
11

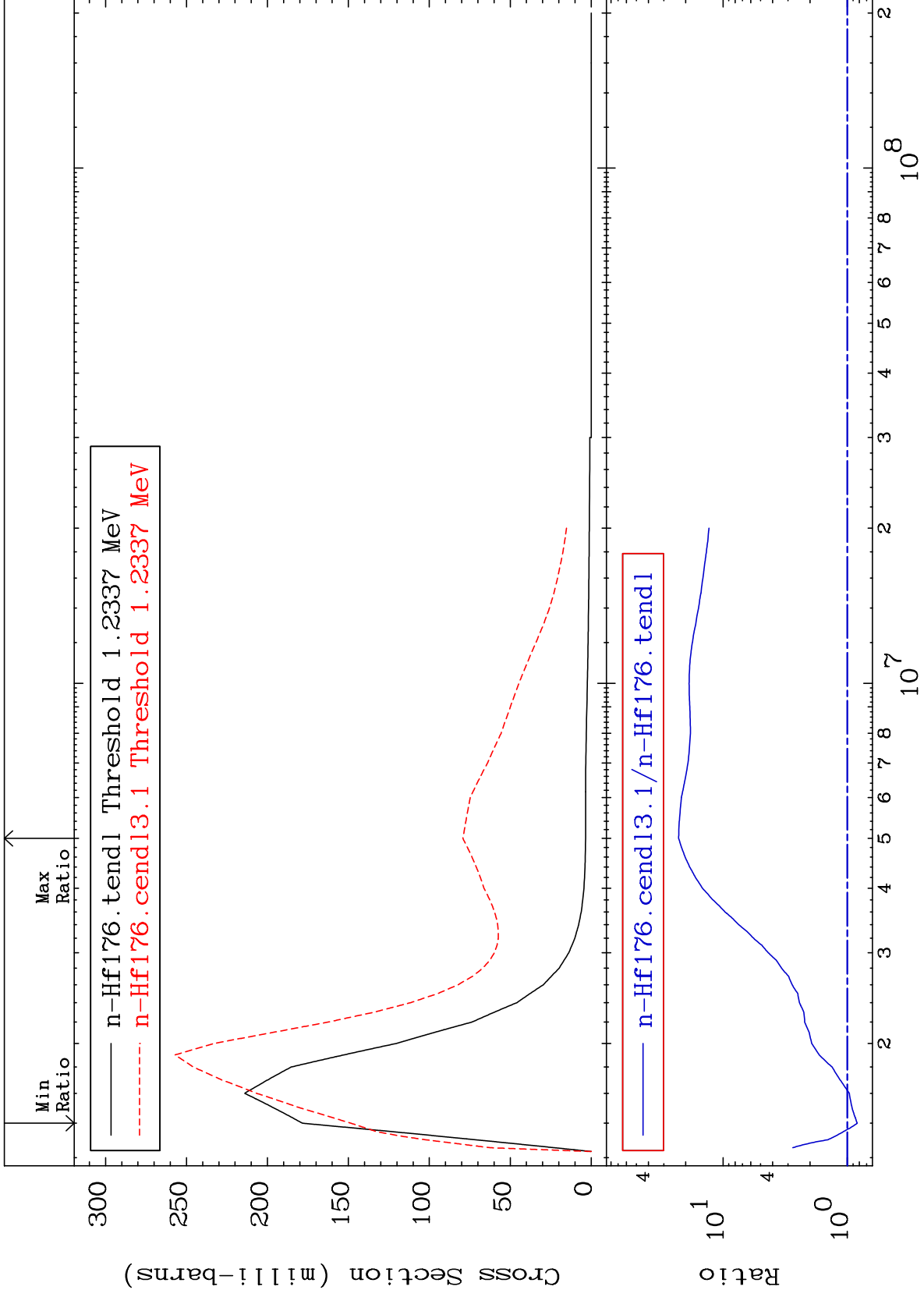
72-Hf-176

MAT 7231

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

72-Hf-176  
-14.13 To 9999. %

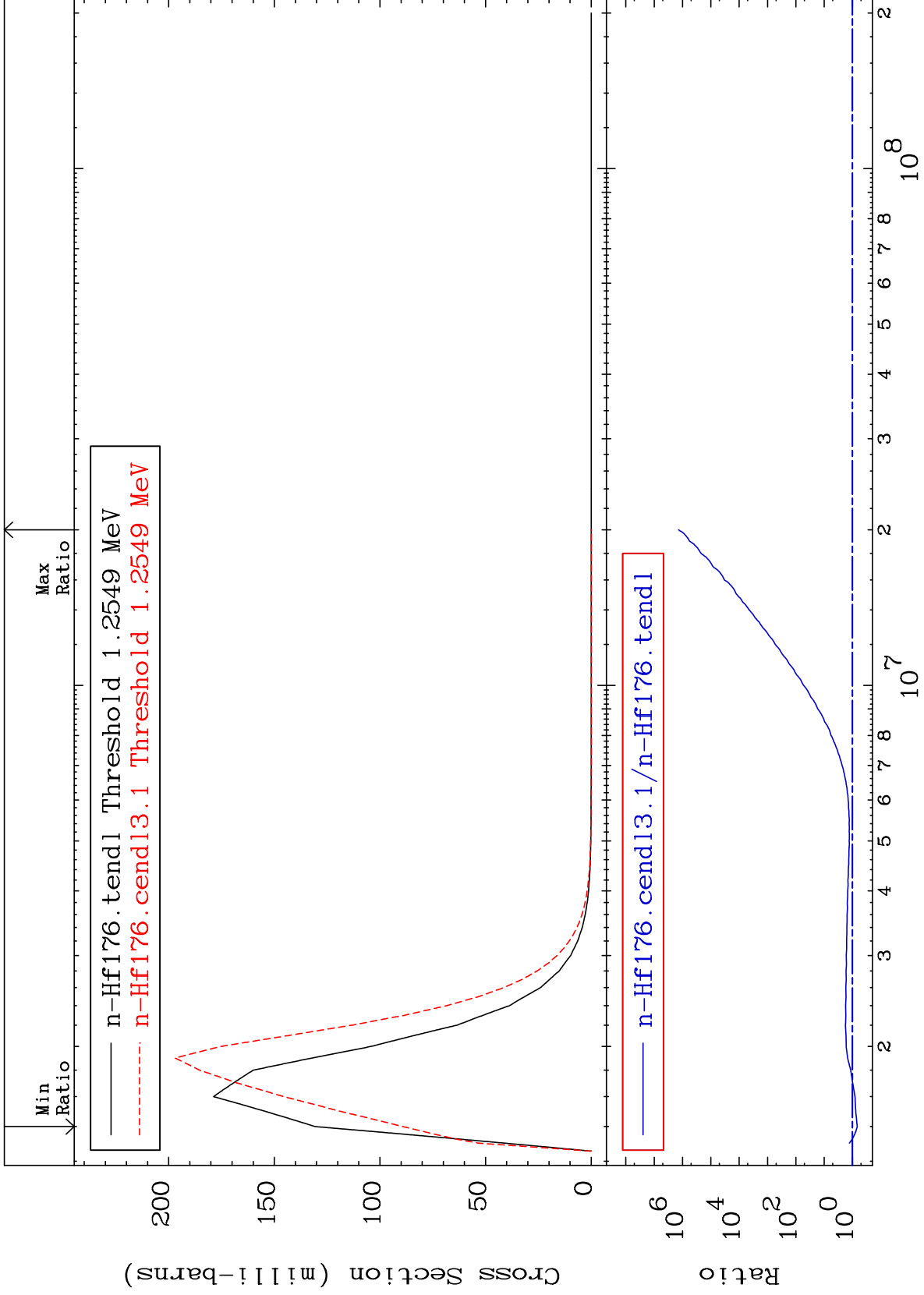




MAT 7231

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

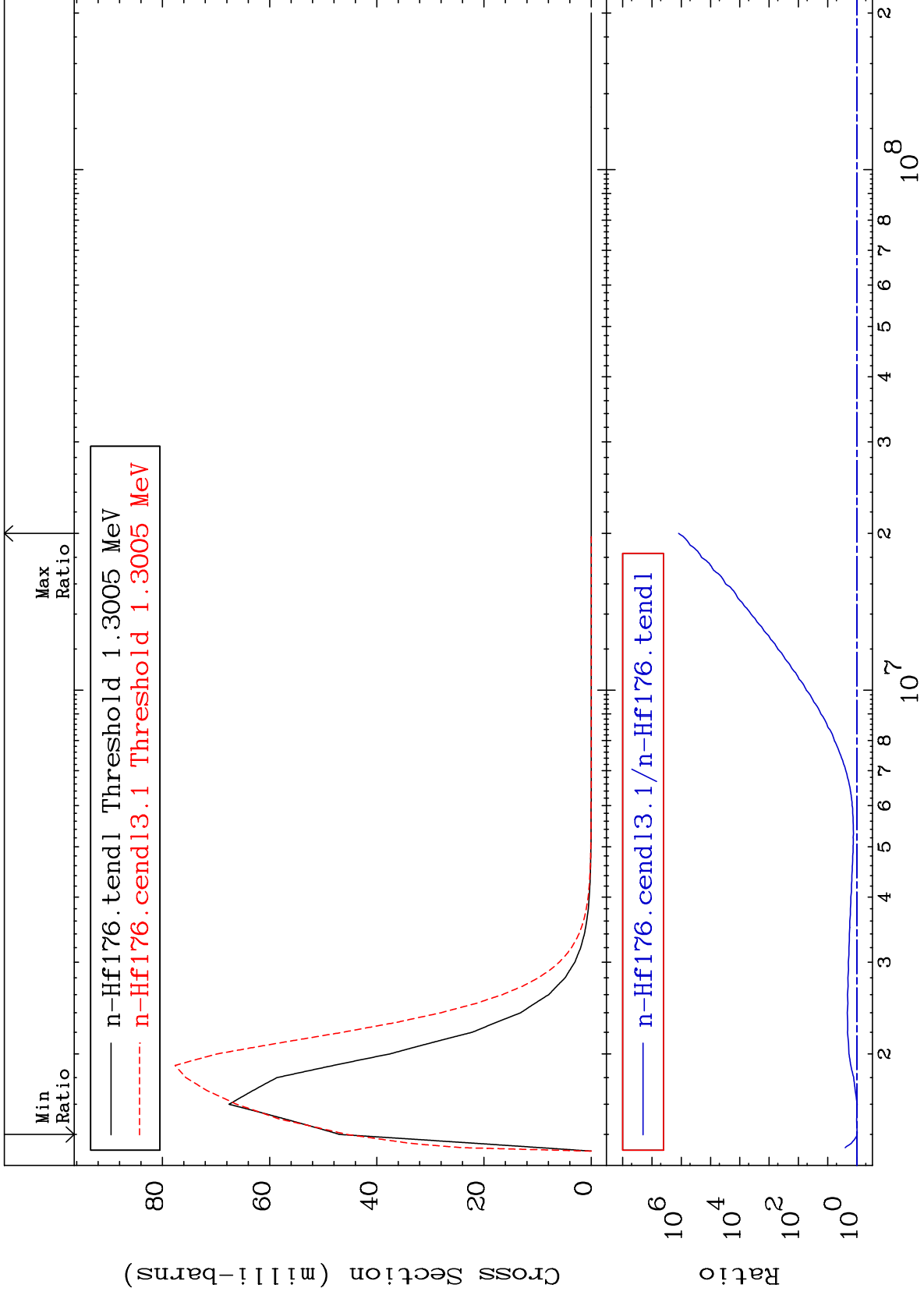
72-Hf-176  
-31.82 To 9999. %



MAT 7231

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

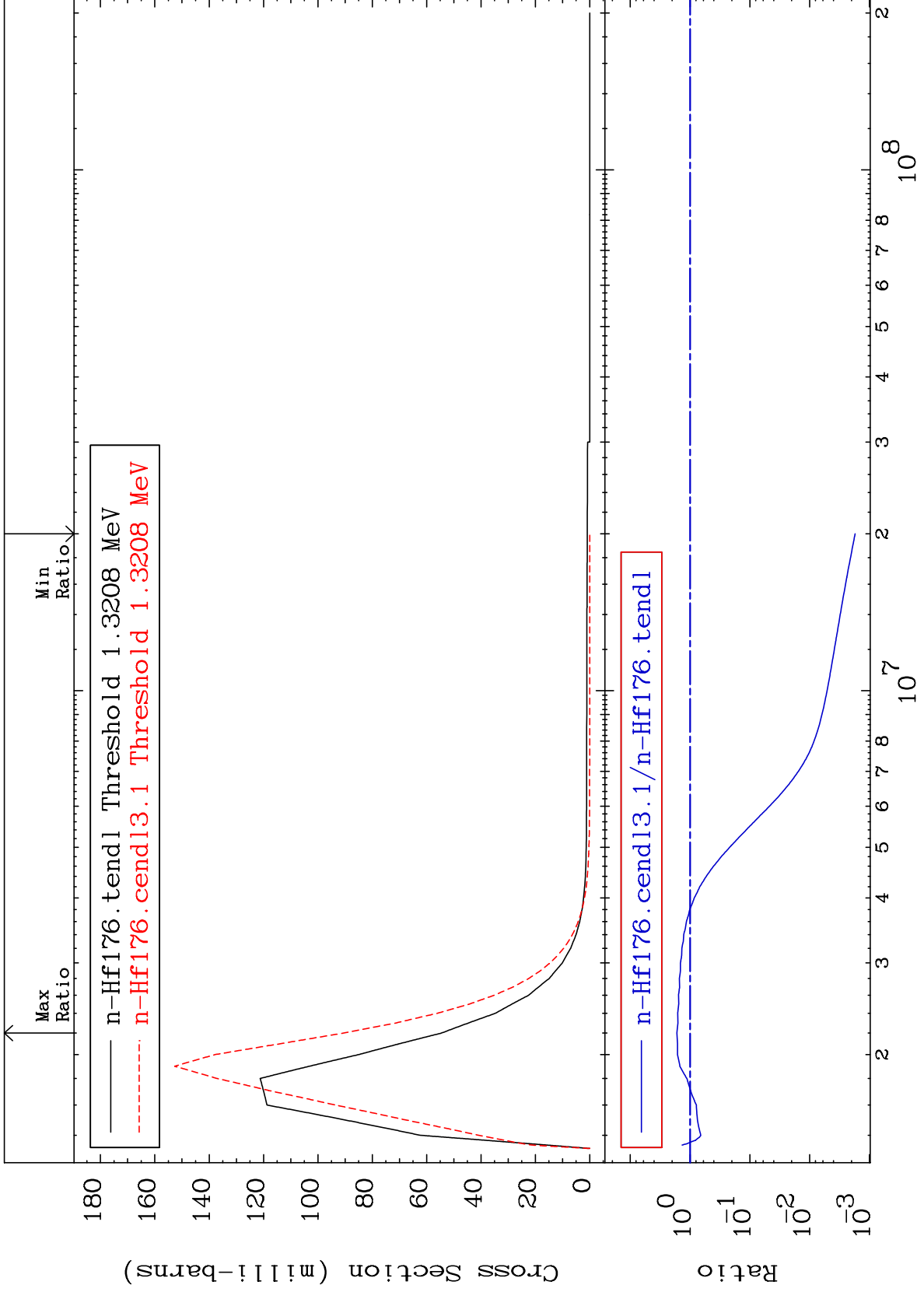
72-Hf-176  
-2.796 To 9999. %



MAT 7231

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

72-Hf-176  
-99.83 To 65.94 %



16

Incident Energy (eV)

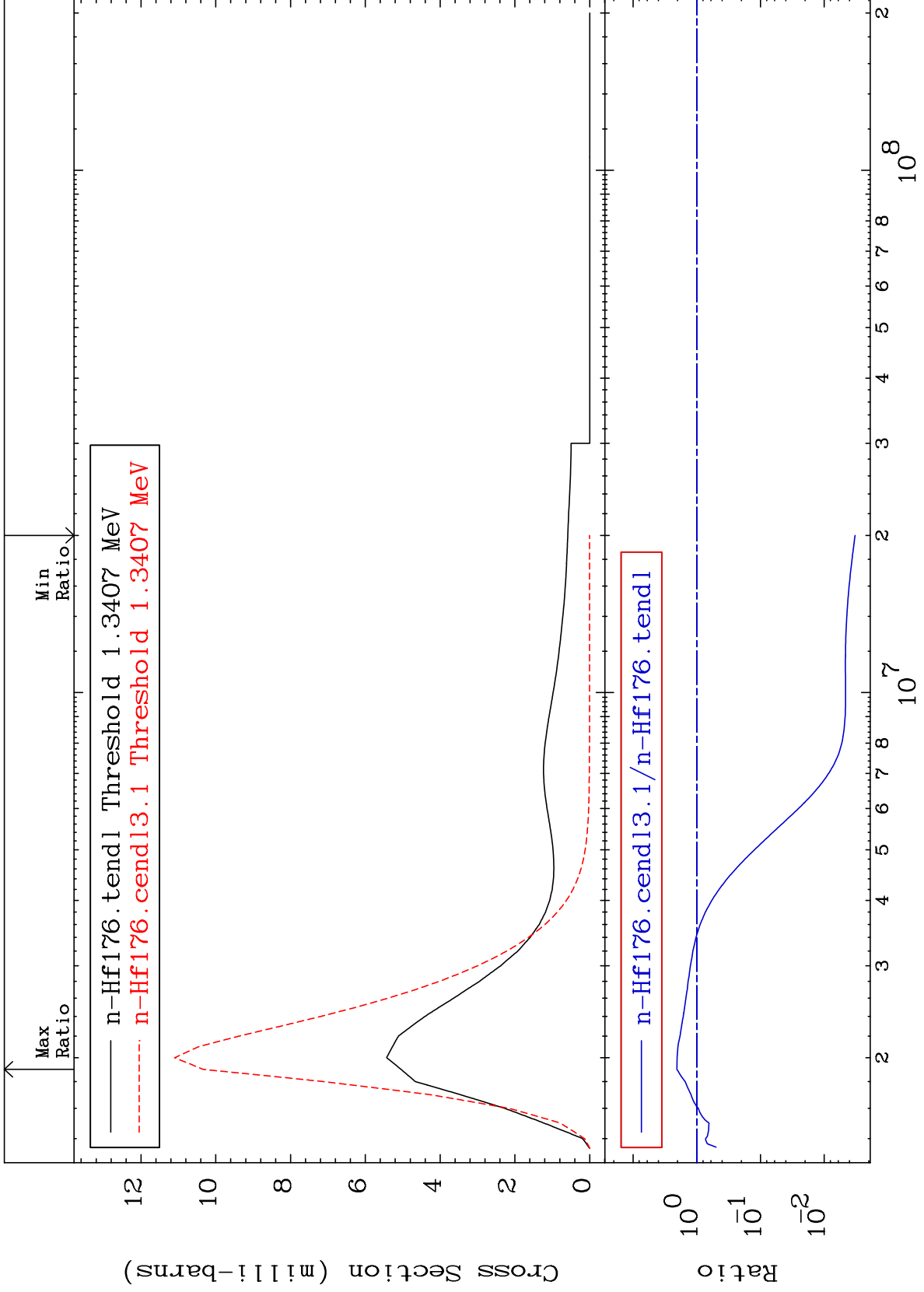
72-Hf-176



MAT 7231

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

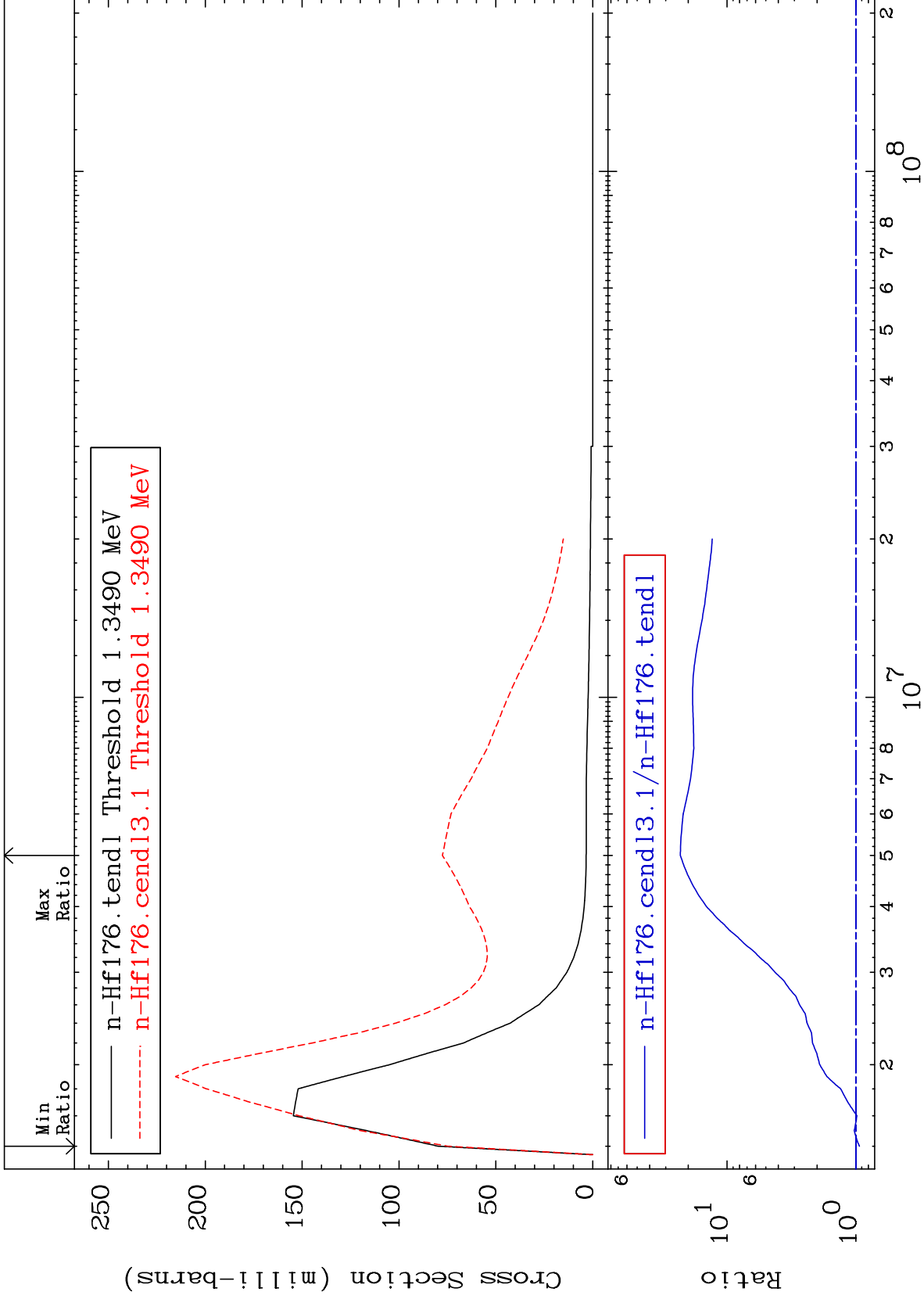
72-Hf-176  
-99.67 To 104.8 %

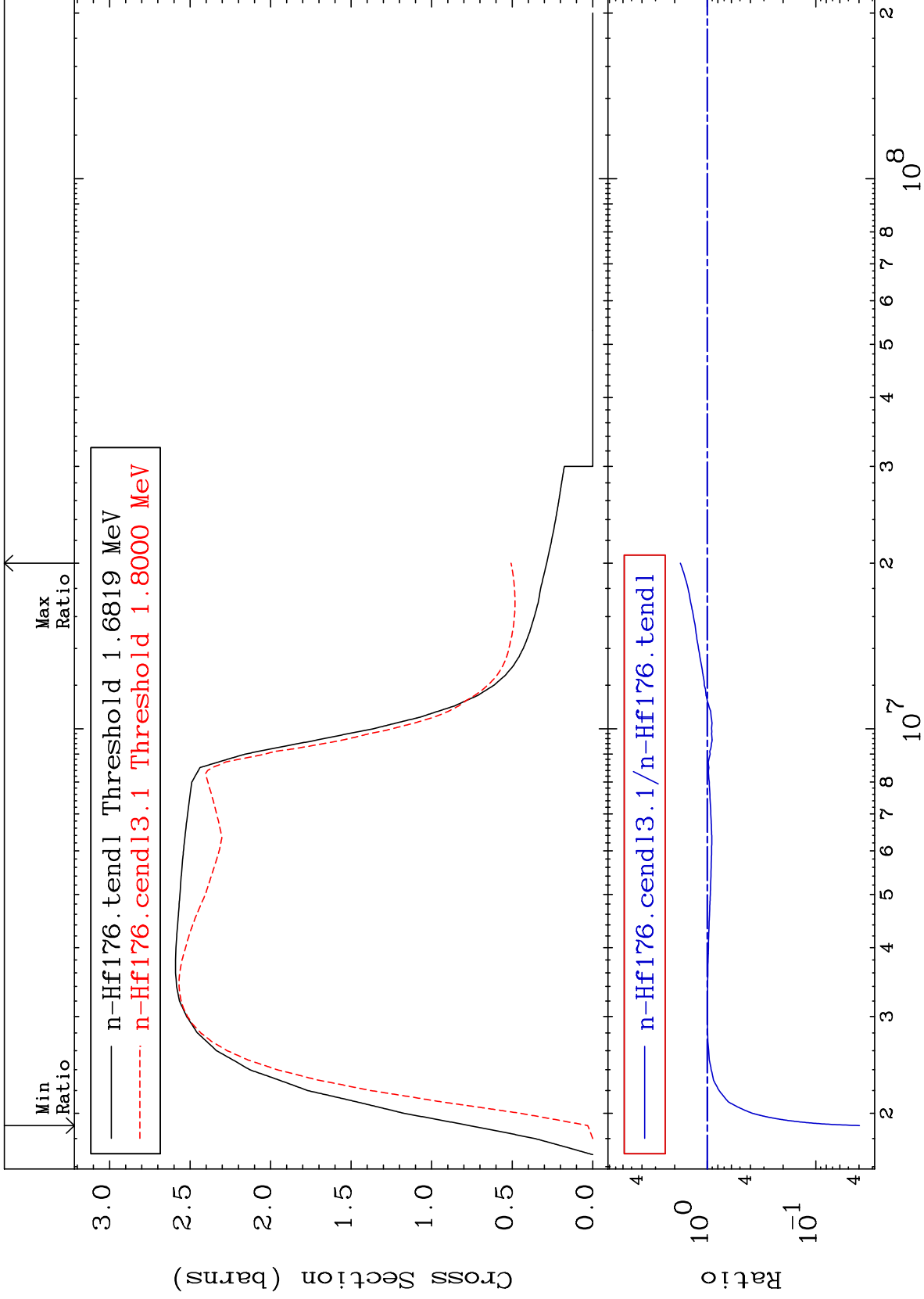


17

Incident Energy (eV)

72-Hf-176

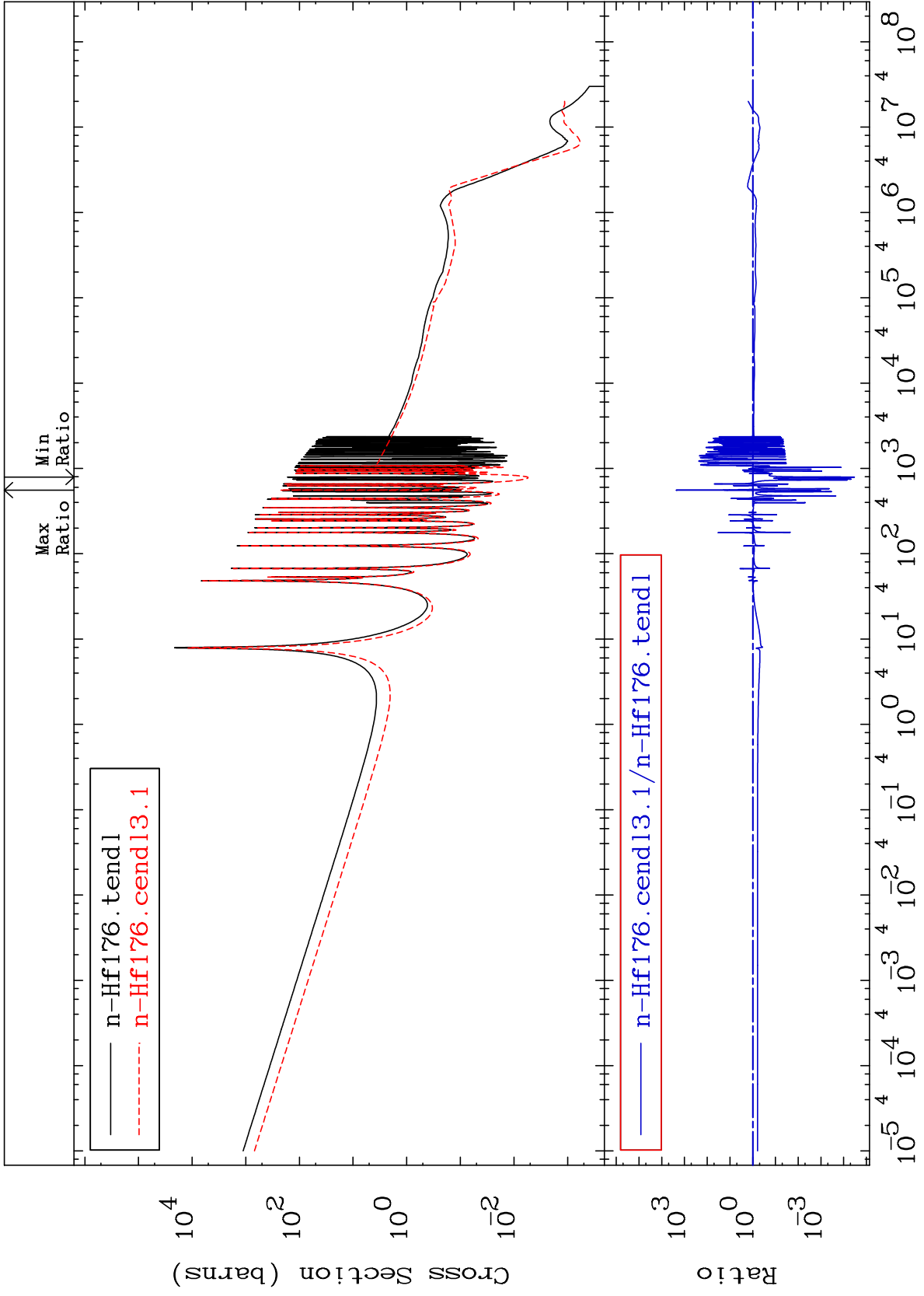




MAT 7231

(n,  $\gamma$ )  
Cross Section

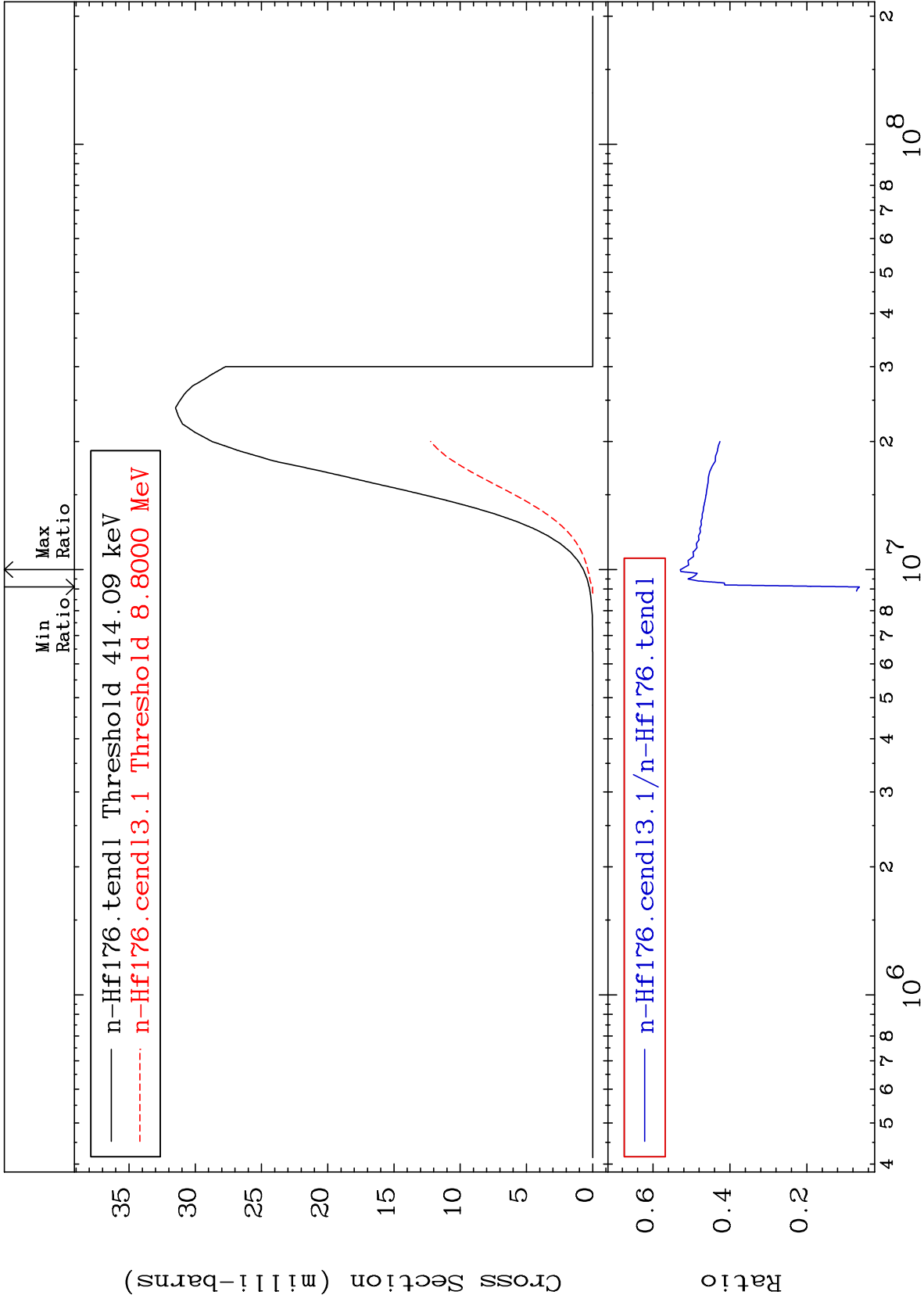
72-Hf-176  
-100.0 To 9999. %



20

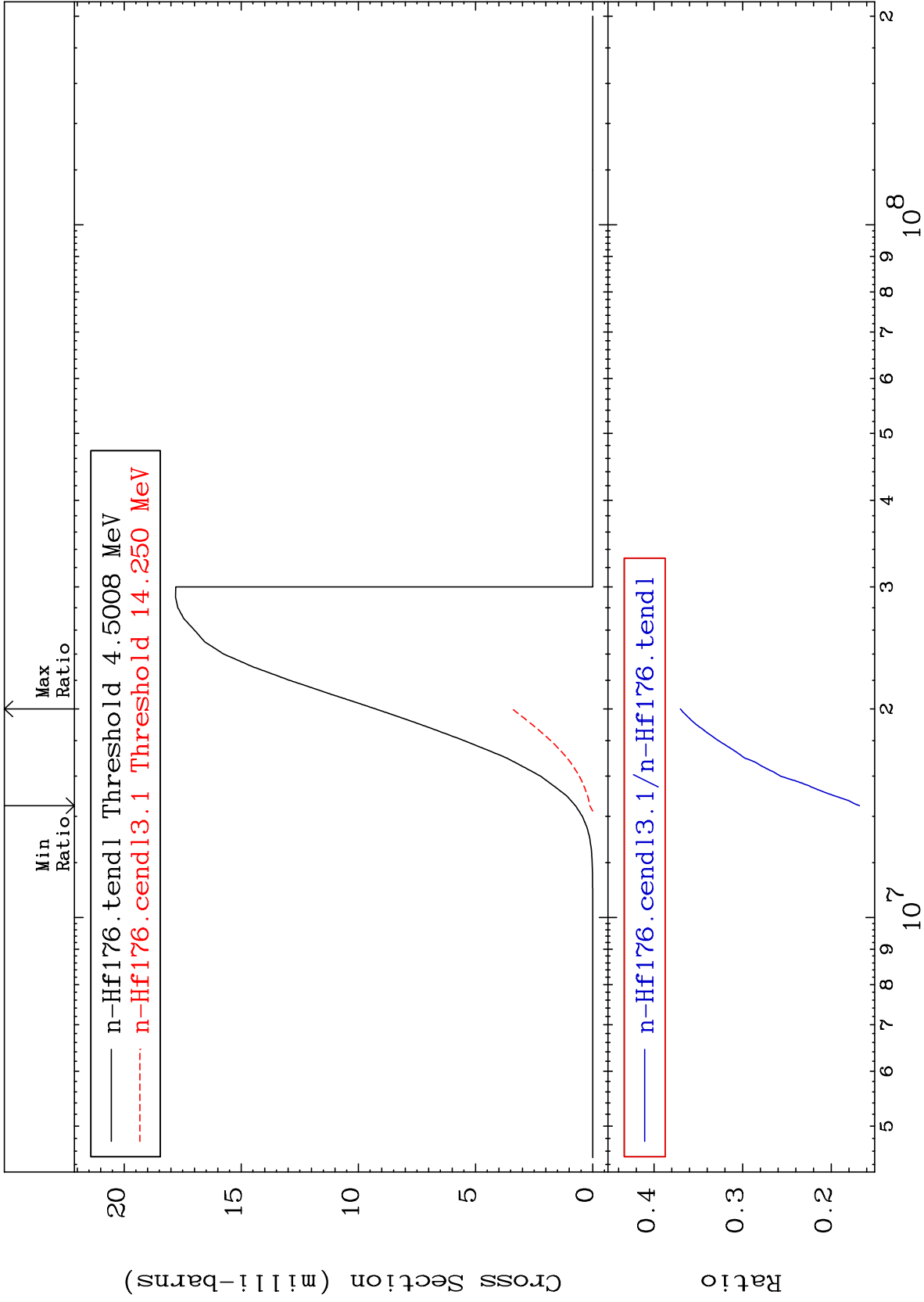
Incident Energy (eV)

72-Hf-176



Cross Section

-83.17 To -62.96%



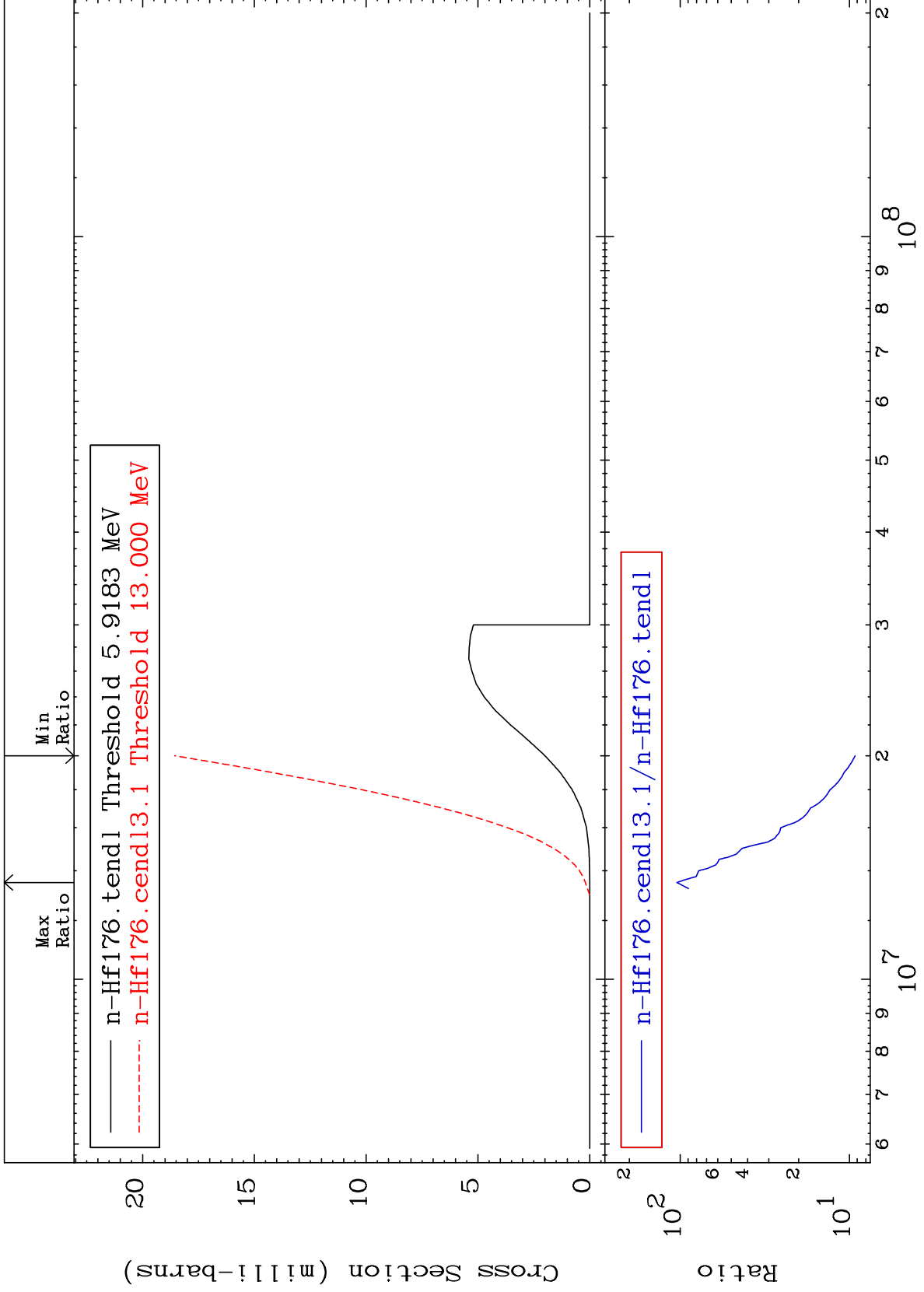
MAT 7231

(n, t)

72-Hf-176

Cross Section

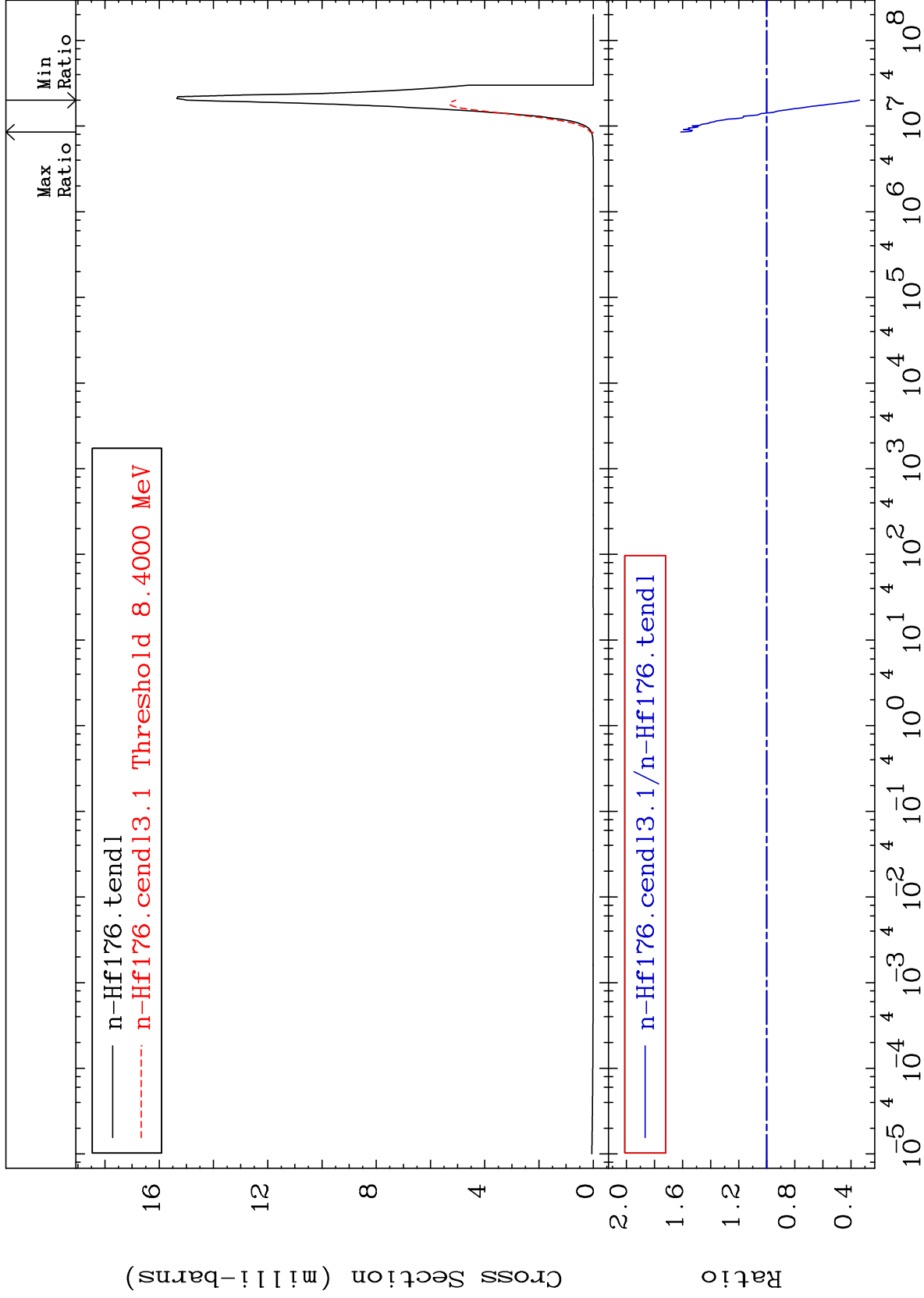
826.9 To 9999. %



MAT 7231

(n,  $\alpha$ )  
Cross Section

72-Hf-176  
-66.08 To 61.27 %

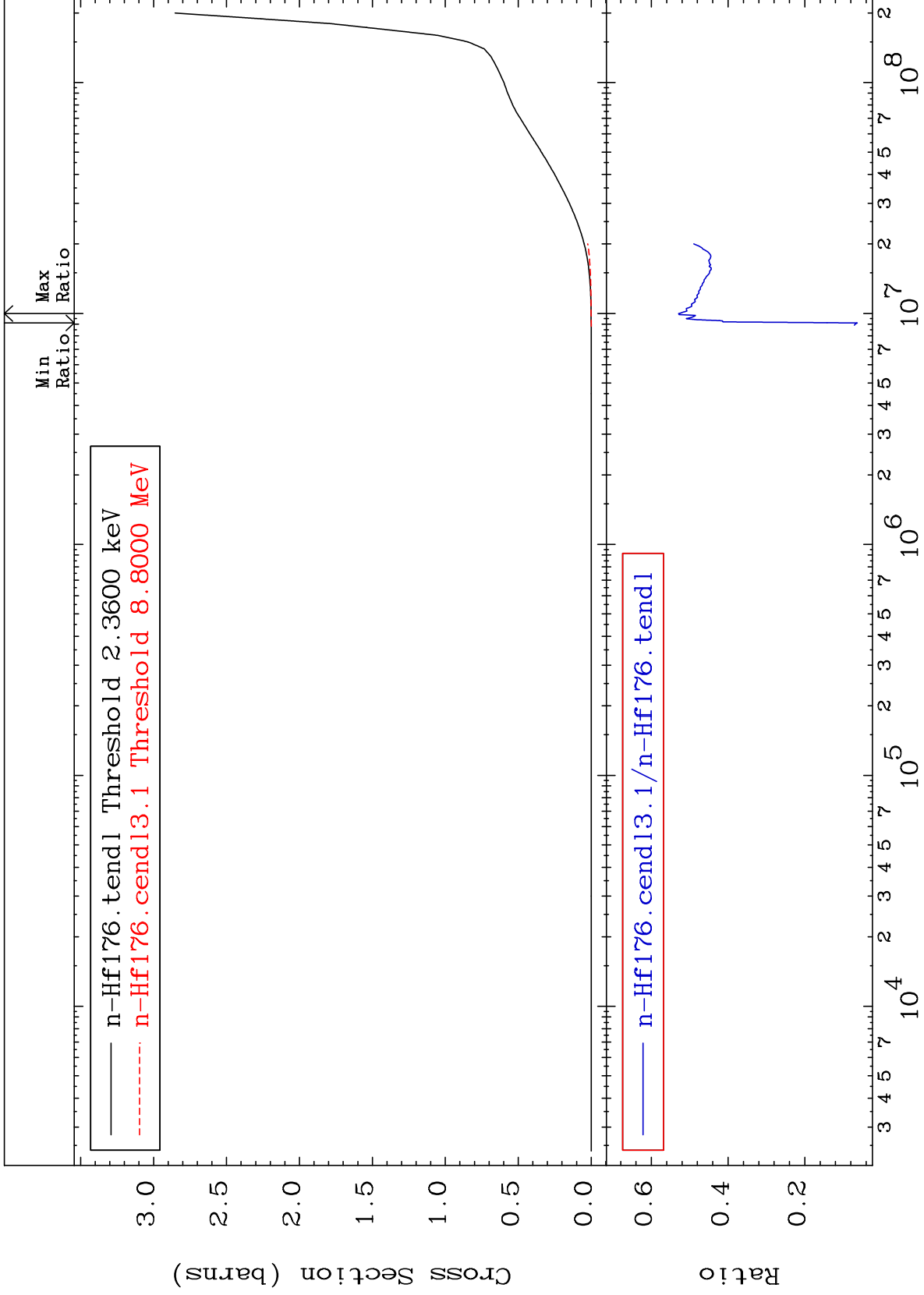


24

Incident Energy (eV)

72-Hf-176

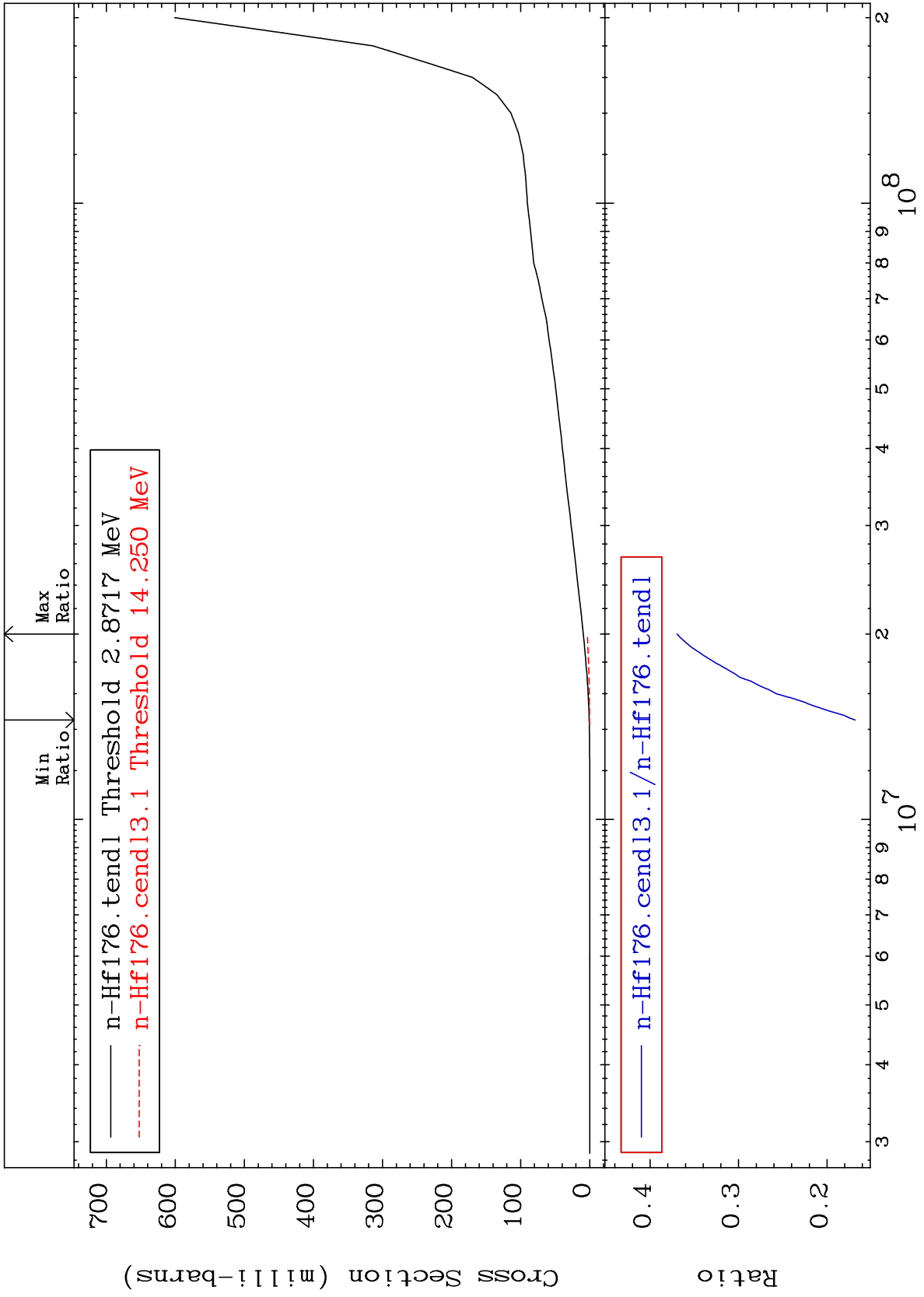


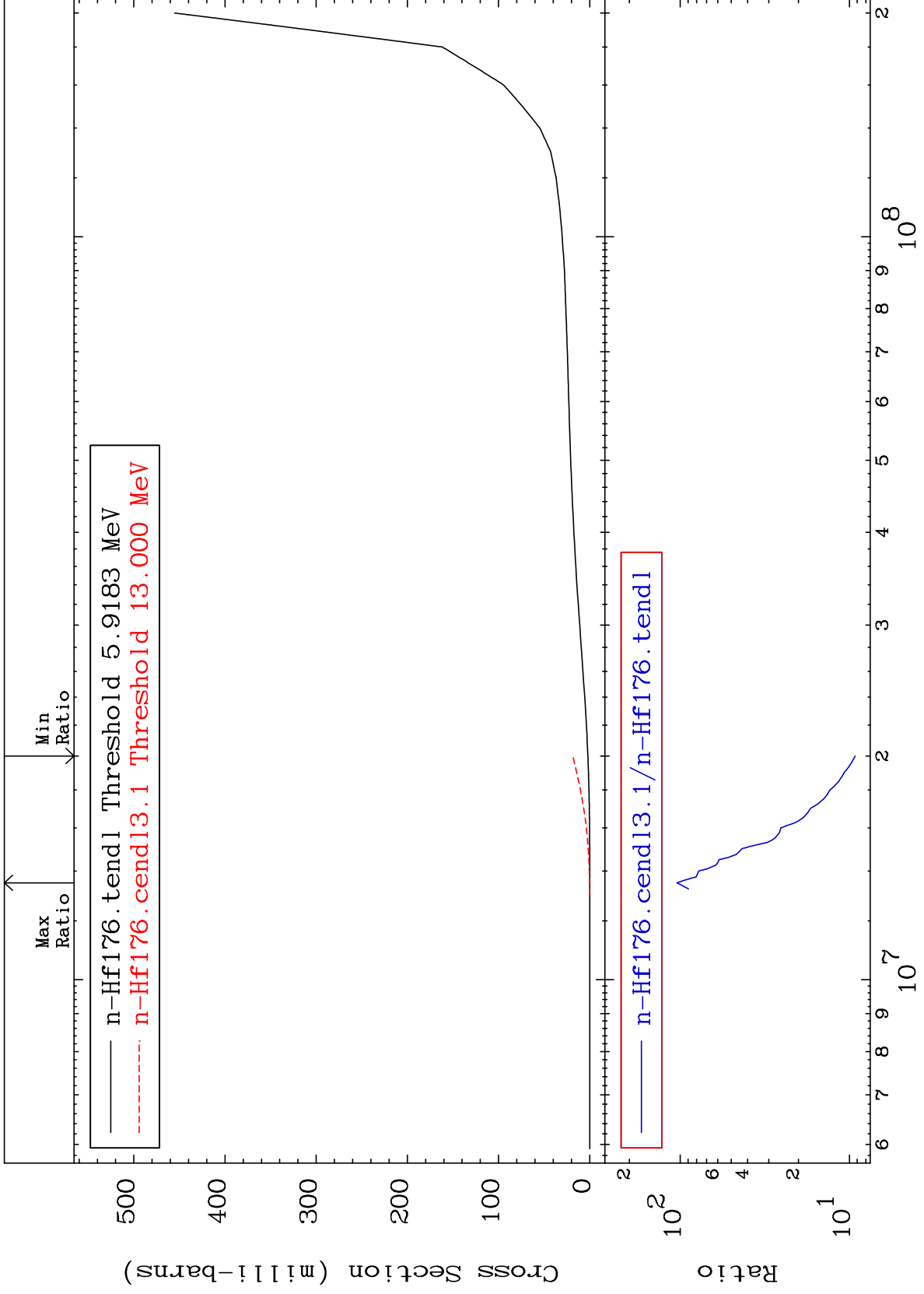


MAT 7231

Deuterium Production  
Cross Section

$^{72}\text{Hf-176}$   
-83.17 To -63.03%

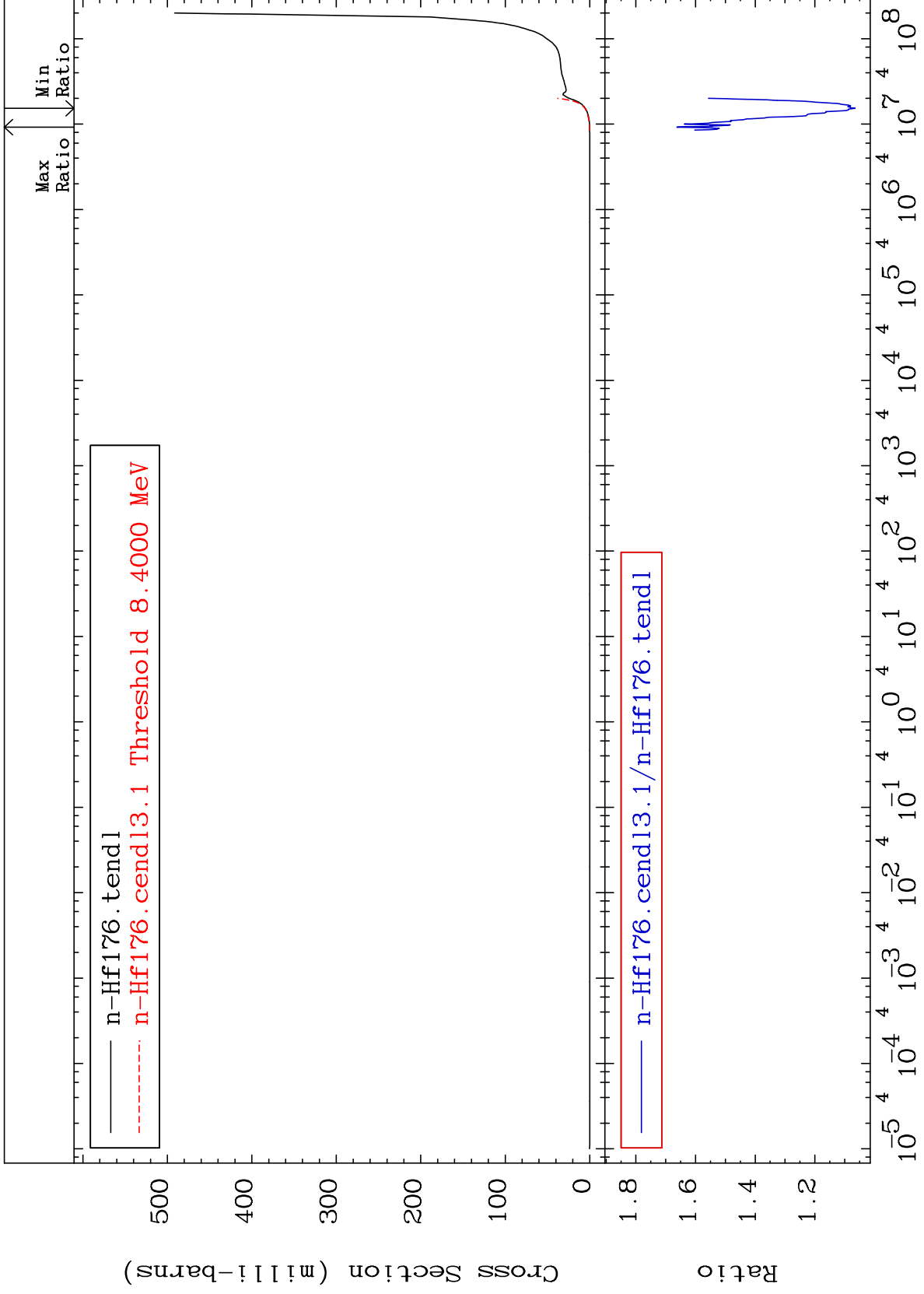




MAT 7231

He-4 Production  
Cross Section

72-Hf-176  
6.515 To 66.25 %



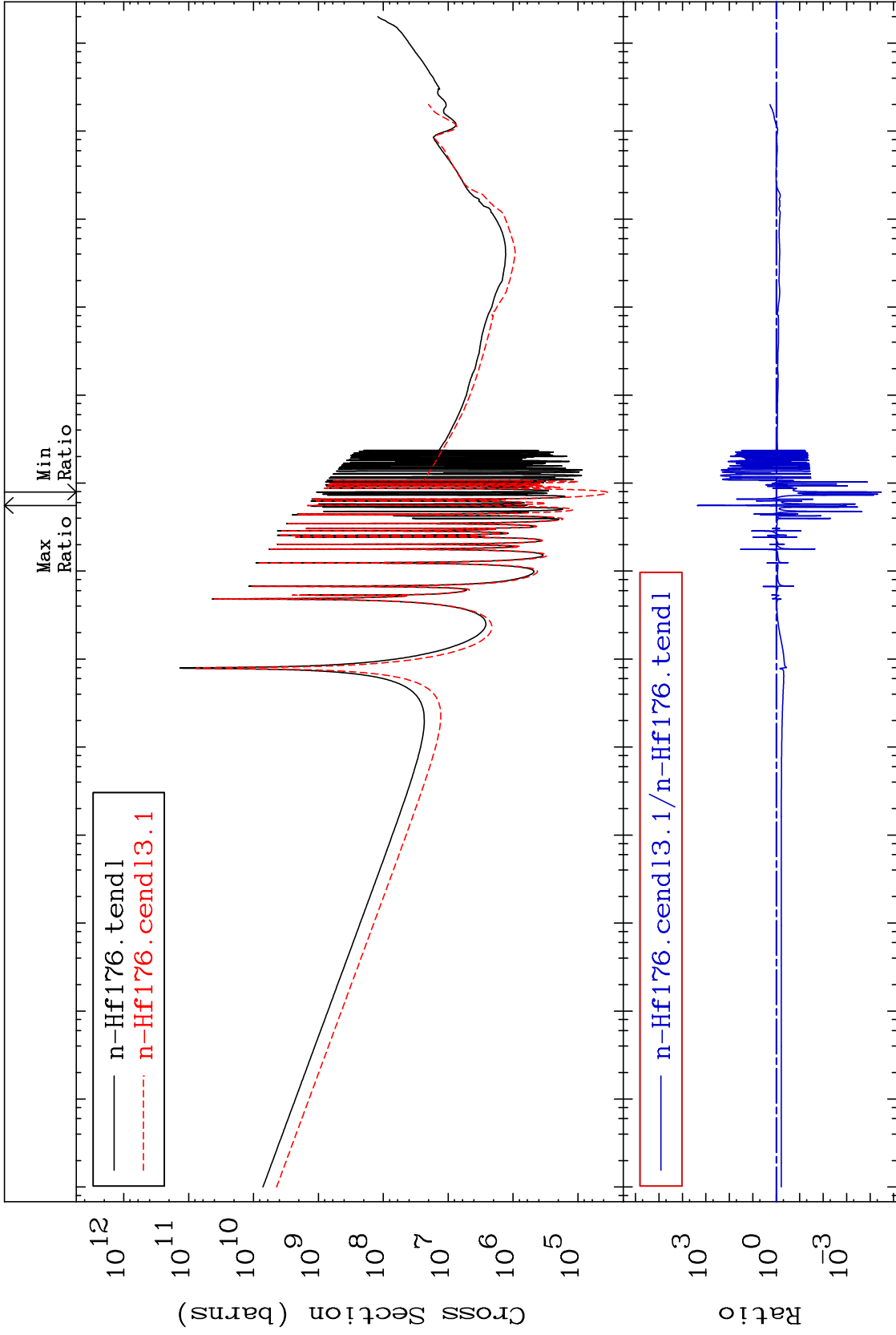
28

Incident Energy (eV)

72-Hf-176

Cross Section

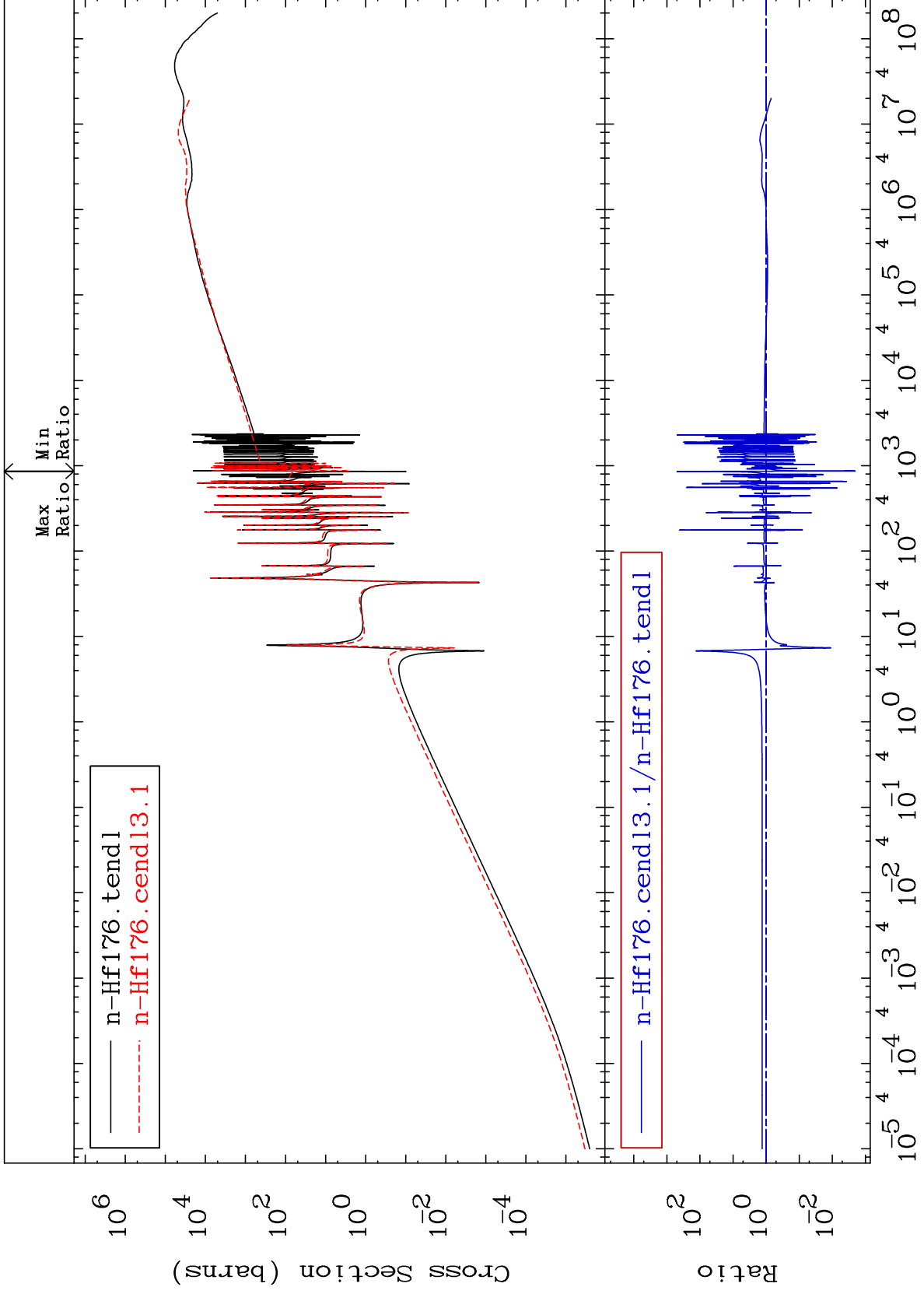
-100.0 To 9999. %

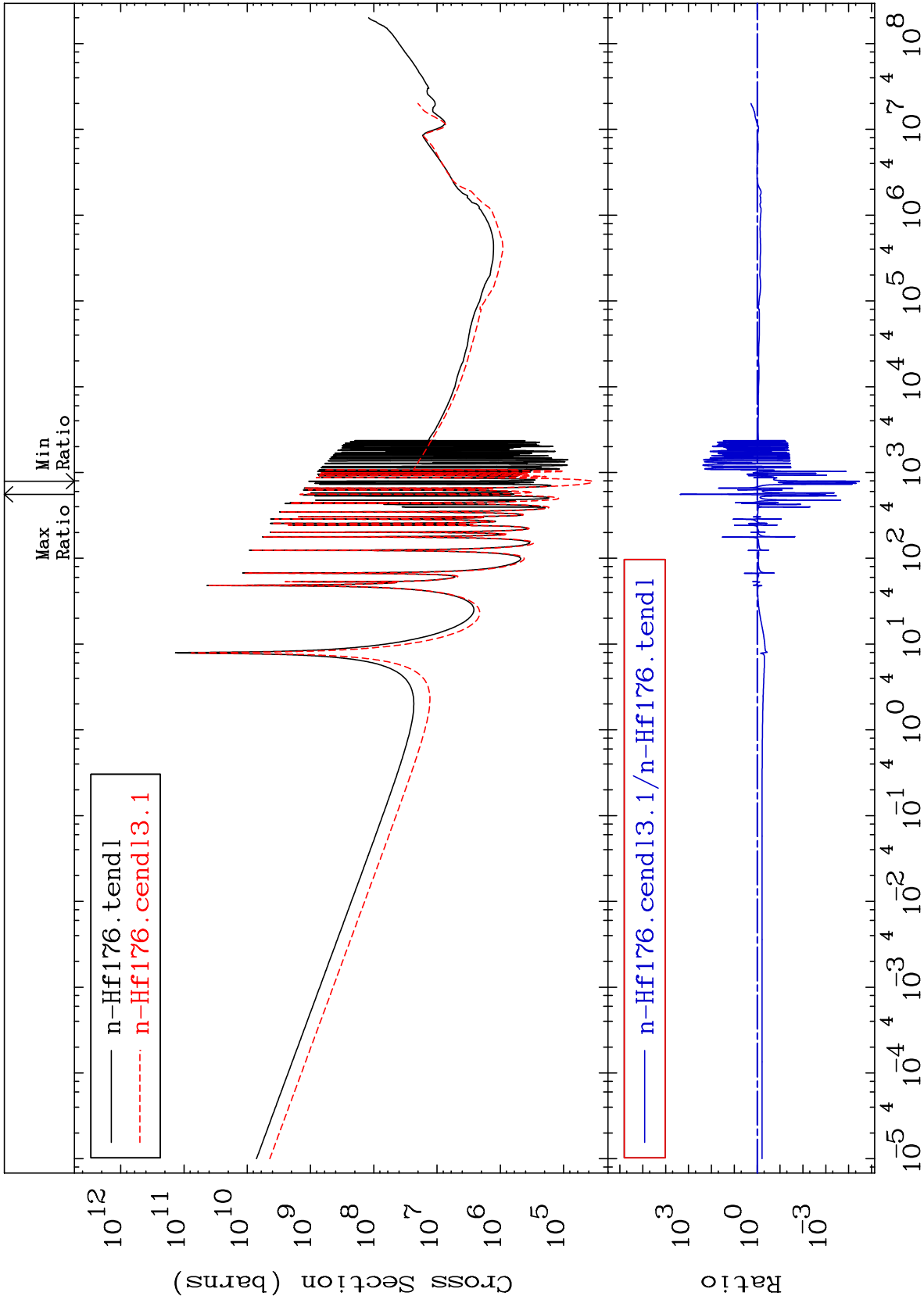


MAT 7231

Kerma elastic  
Cross Section

<sup>72</sup>Hf-176  
-99.80 To 9999. %

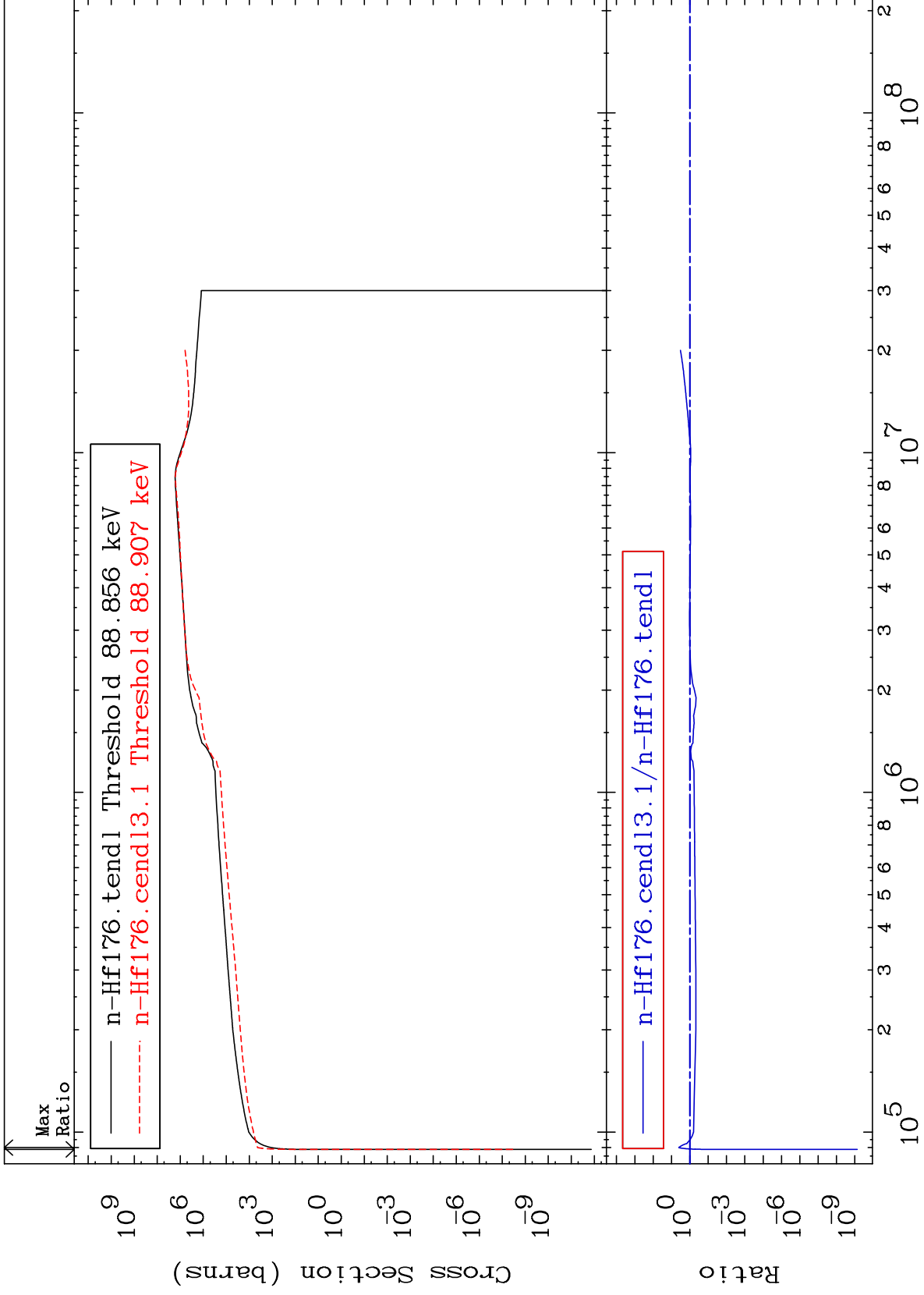




MAT 7231

Kerma inelastic (mt51-91)  
Cross Section

72-Hf-176  
-100.0 To 307.5 %



32

Incident Energy (eV)

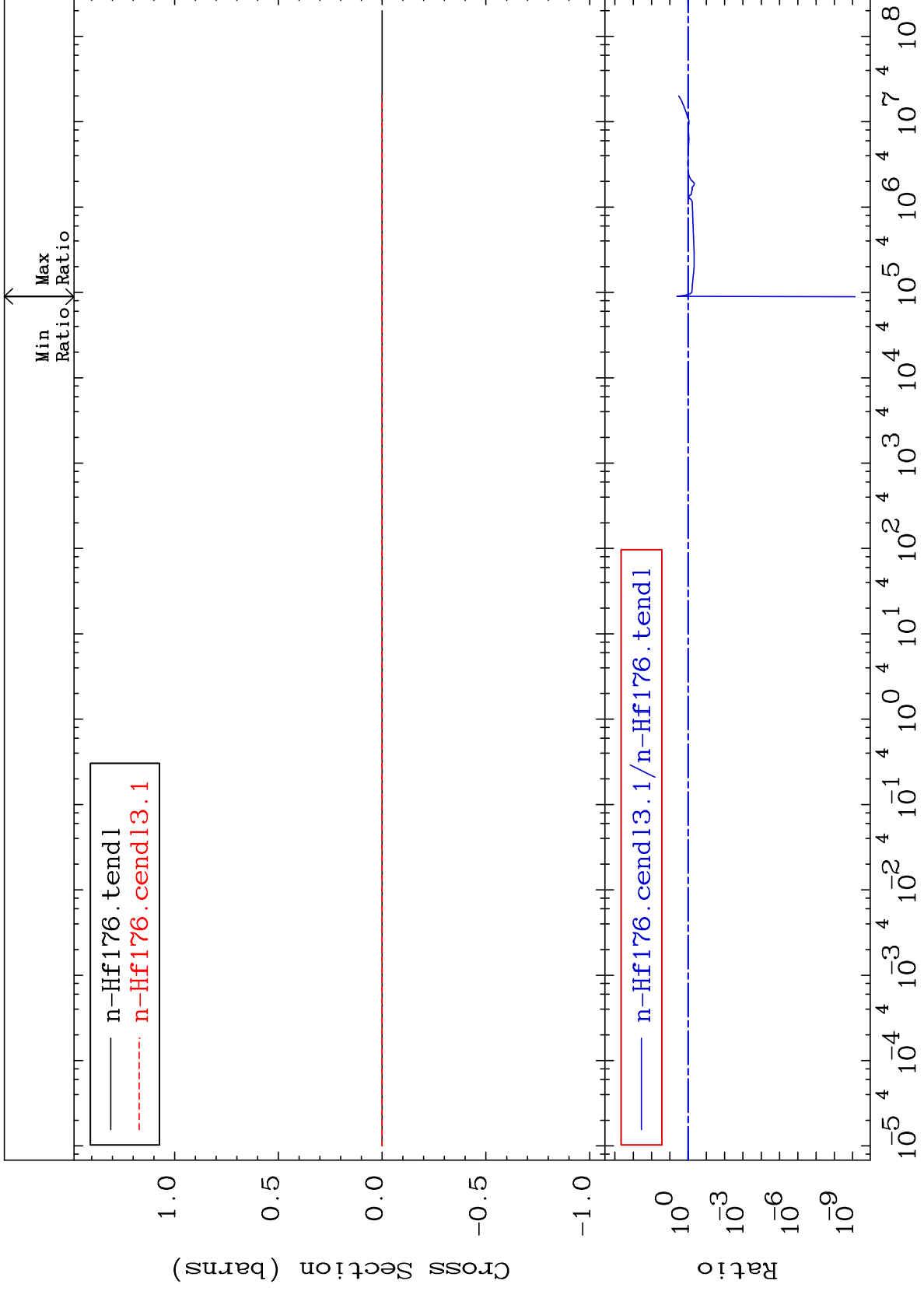
72-Hf-176



MAT 7231

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

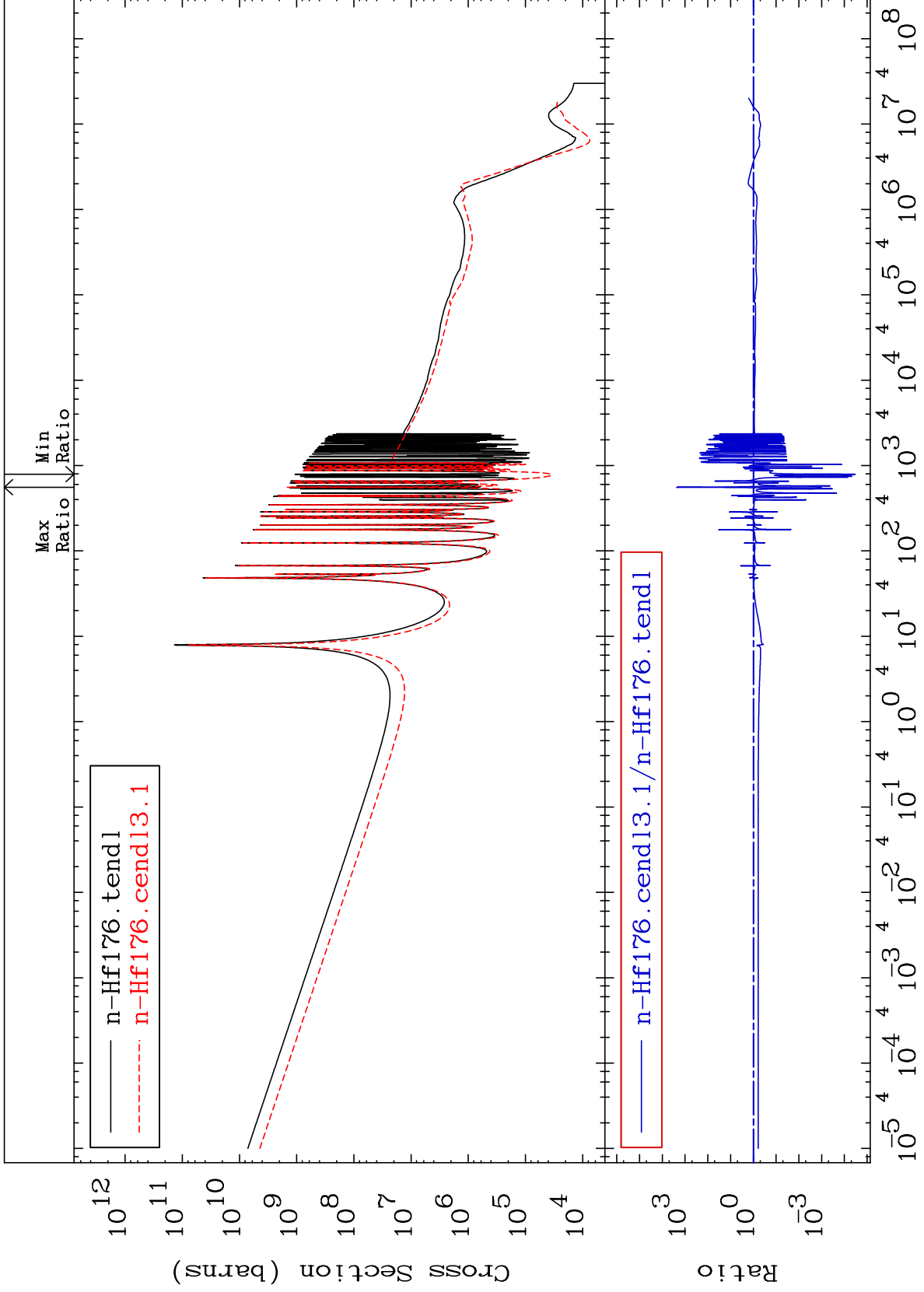
72-Hf-176  
-100.0 To 307.5 %

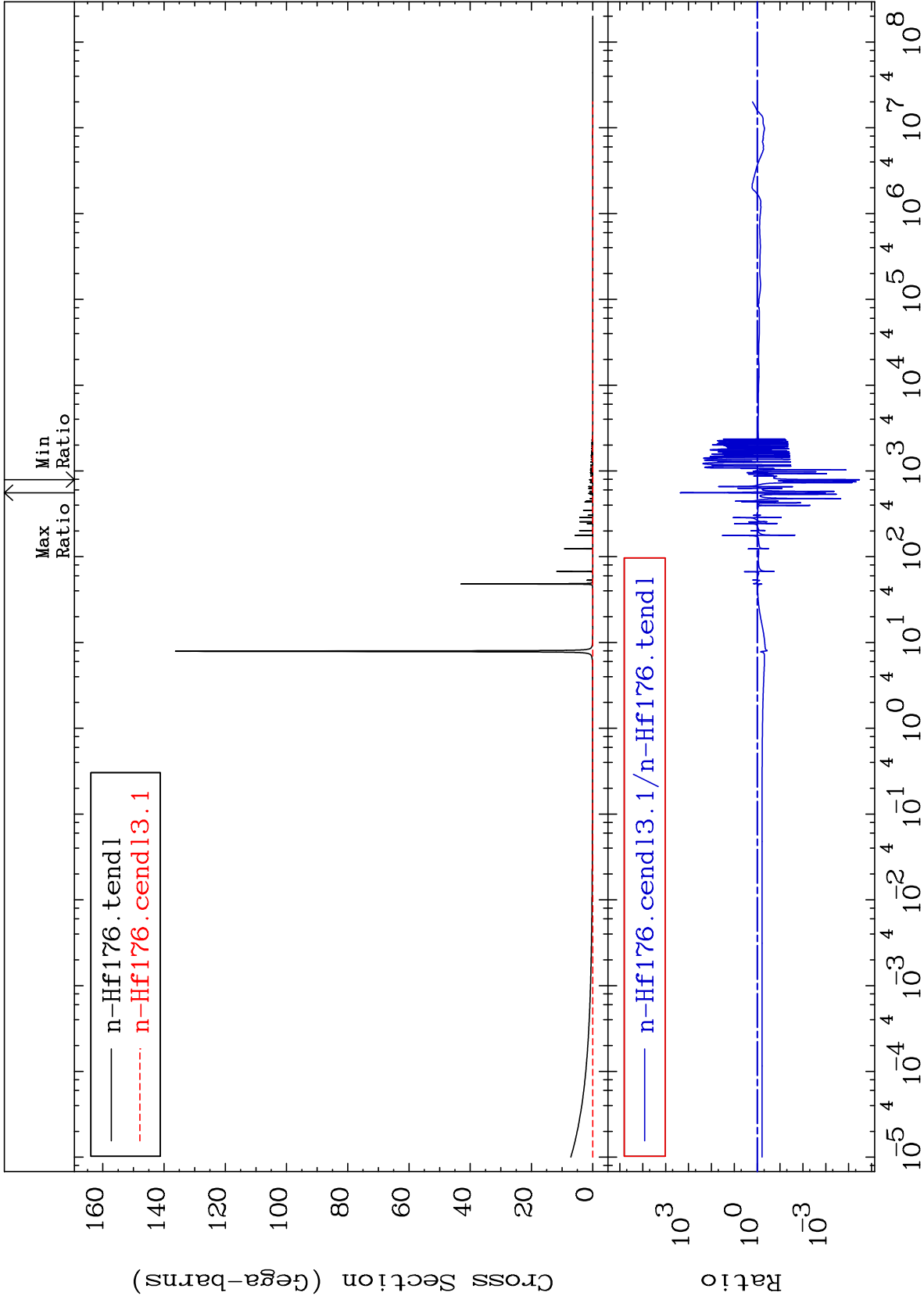


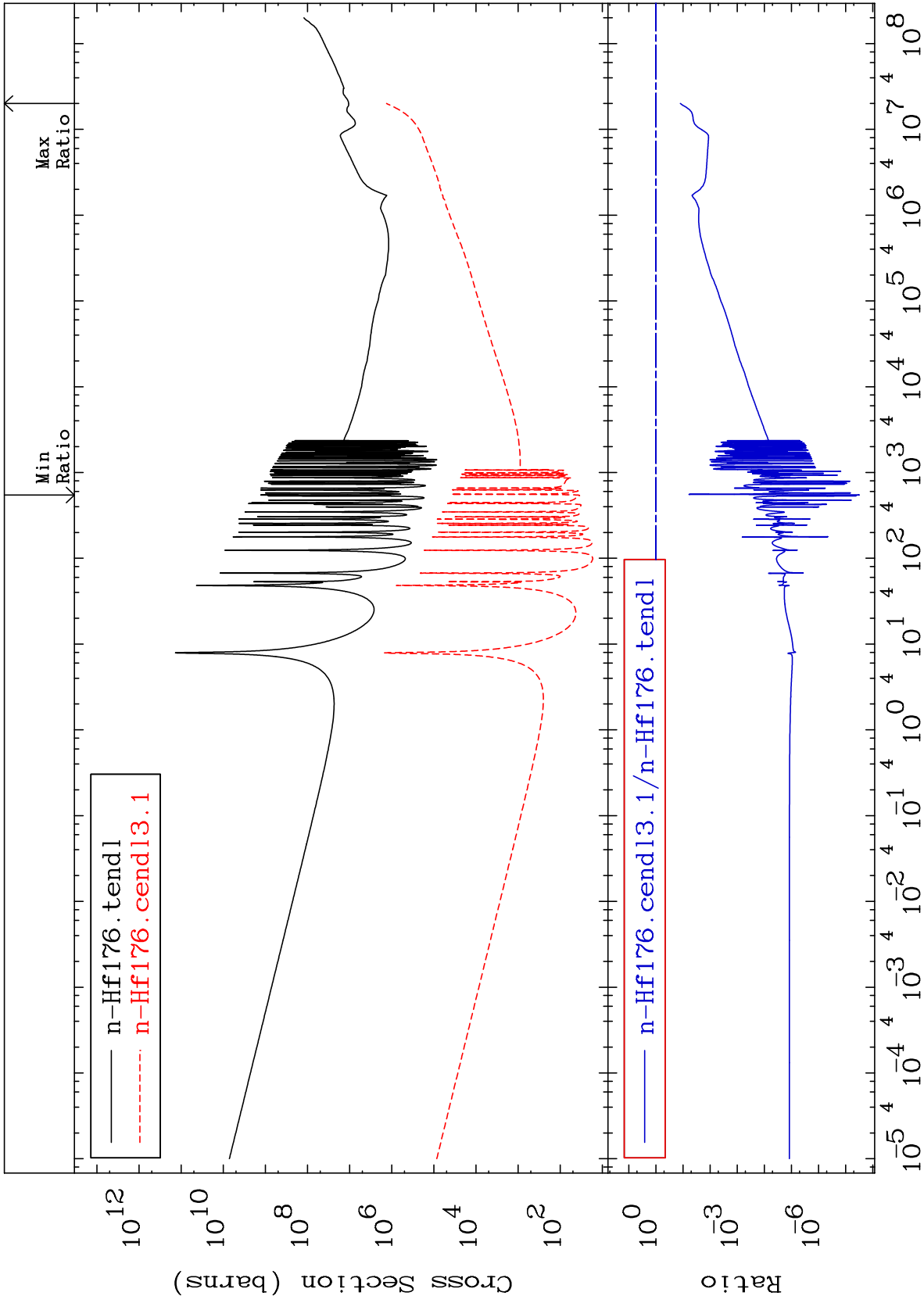
MAT 7231

Kerma capture (mt102)  
Cross Section

72-Hf-176  
-100.0 To 9999. %



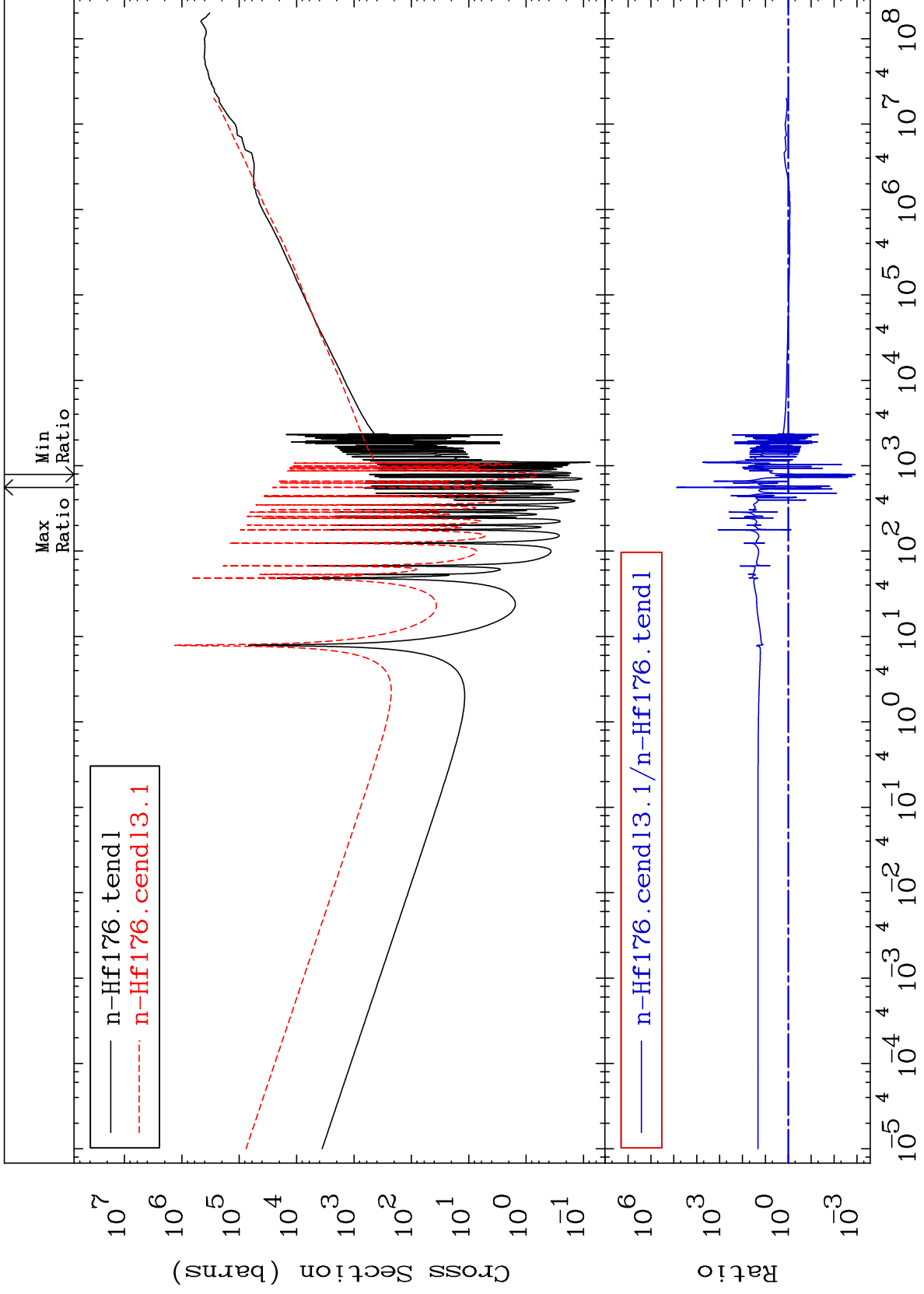




MAT 7231

Dpa total (eV-barns)  
Cross Section

72-Hf-176  
-99.88 To 9999. %



MAT 7231

Dpa elastic (mt2)  
Cross Section

72-Hf-176  
-96.96 To 9999. %

