

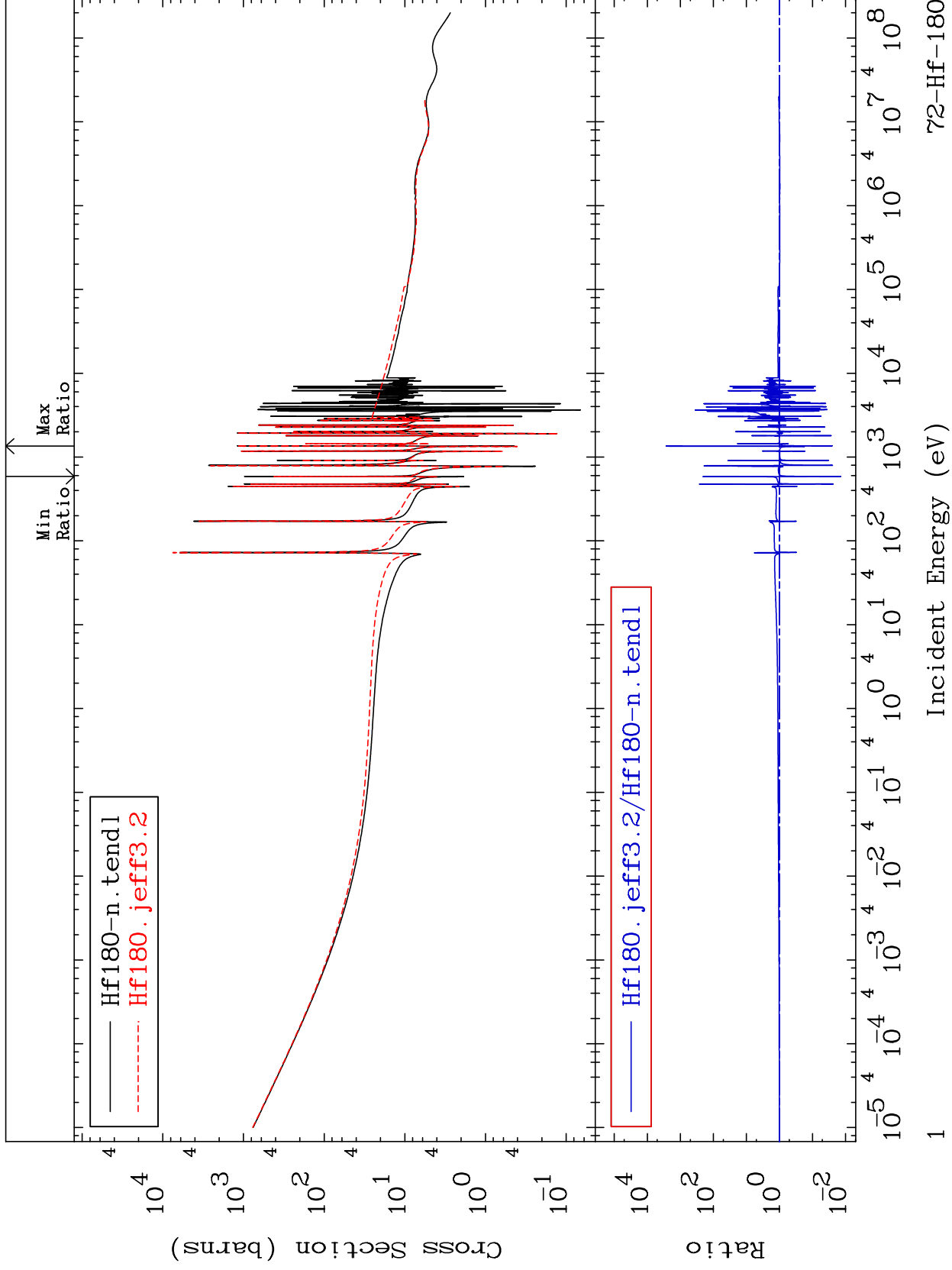
MAT 7243

Total

72-Hf-180

Cross Section

-98.62 To 9999. %



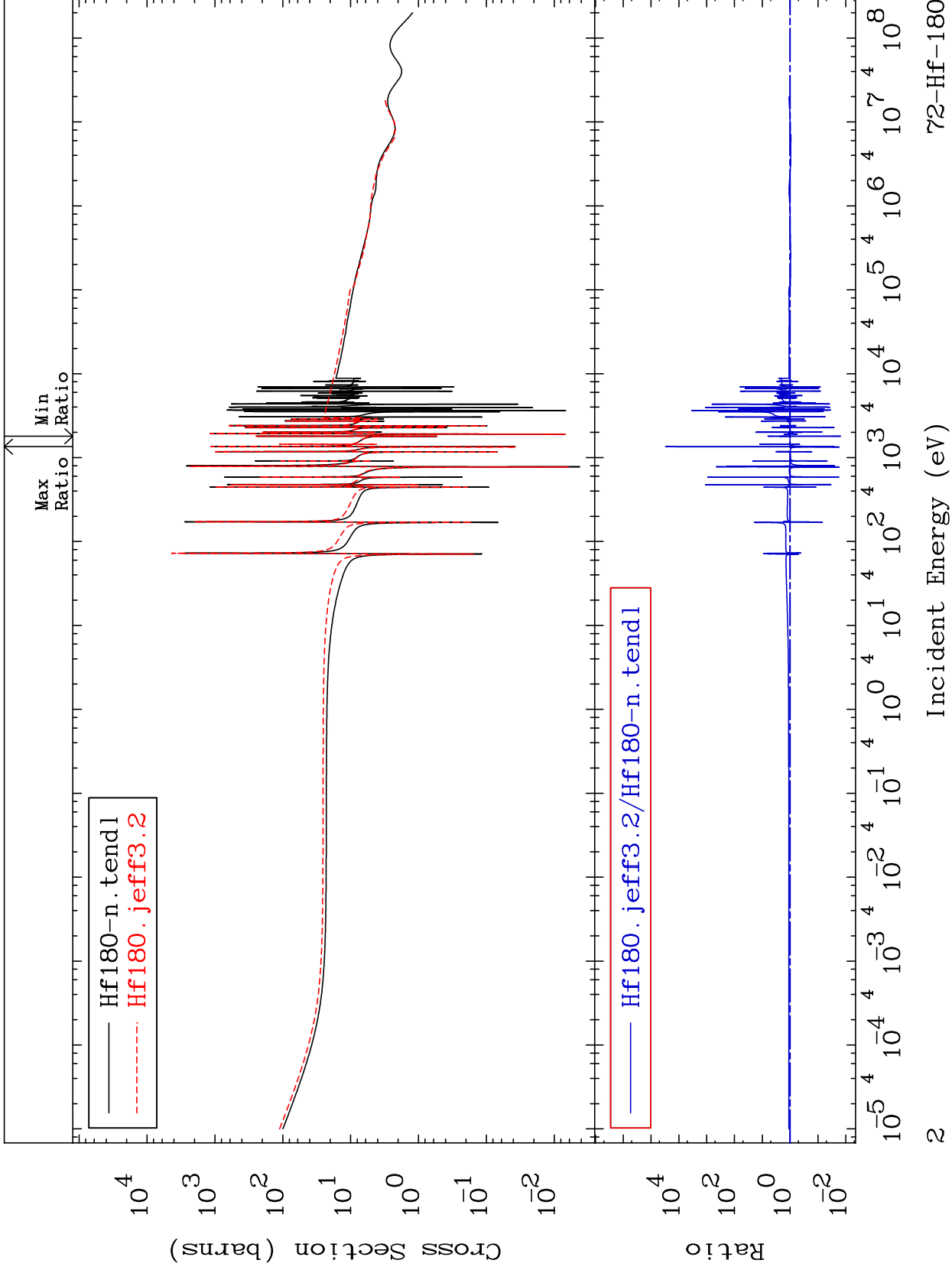
Incident Energy (eV)

72-Hf-180

MAT 7243

Elastic  
Cross Section

72-Hf-180  
-98.48 To 9999. %



2

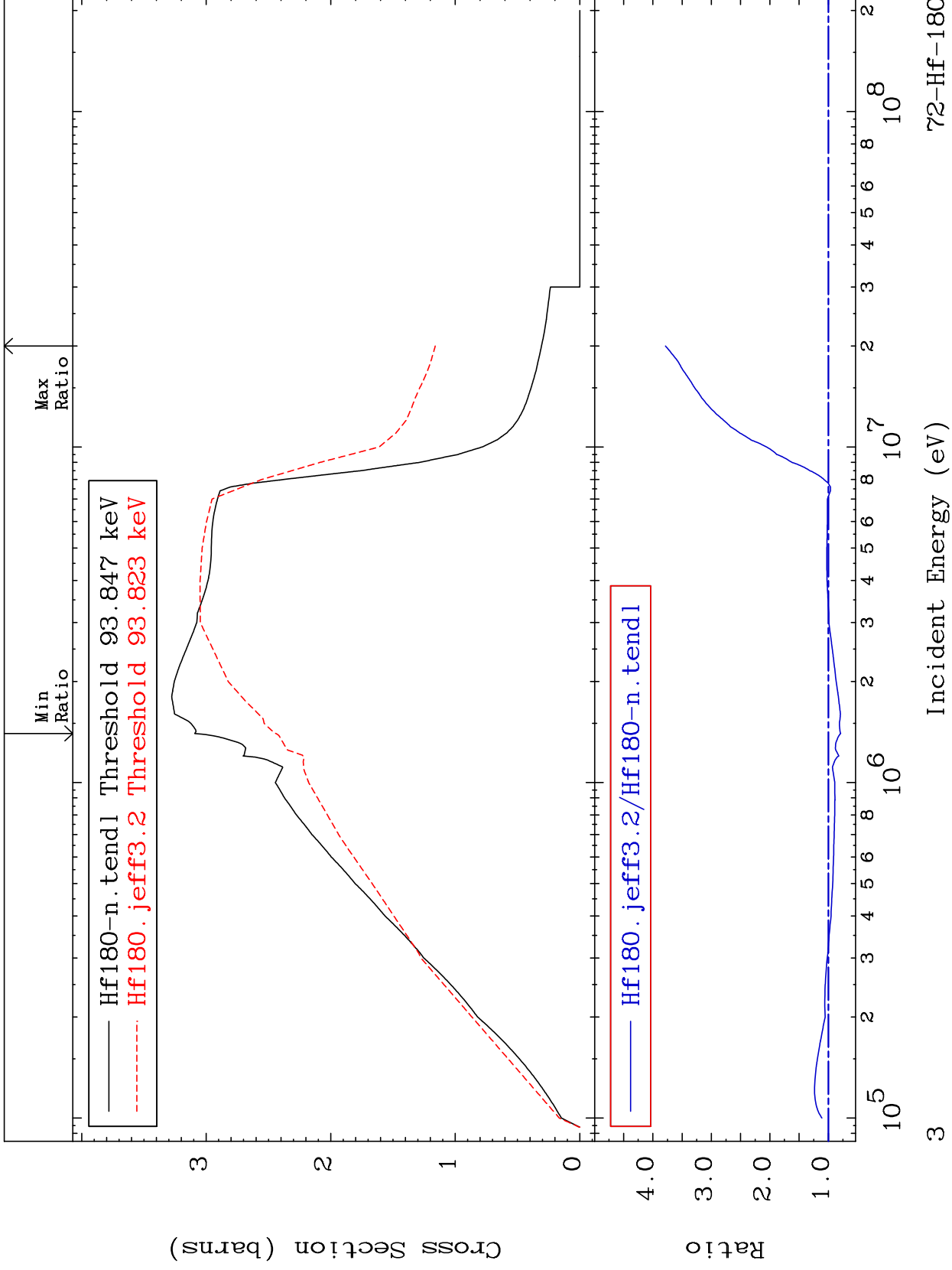
Incident Energy (eV)

72-Hf-180

MAT 7243

Inelastic  
Cross Section

72-Hf-180  
-21.07 To 278.4 %



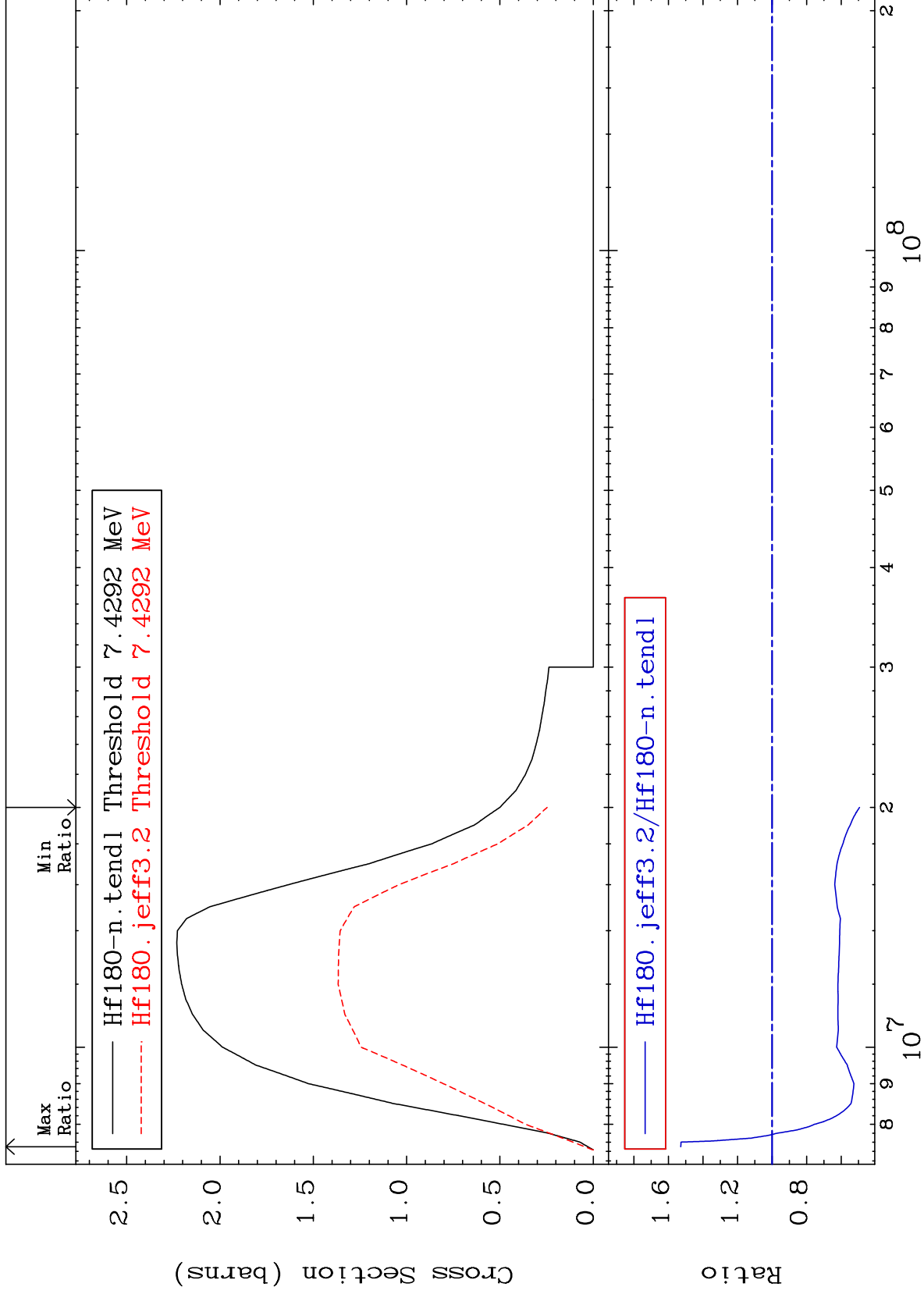
MAT 7243

(n,2n)

72-Hf-180

Cross Section

-50.61 To 52.87 %



4

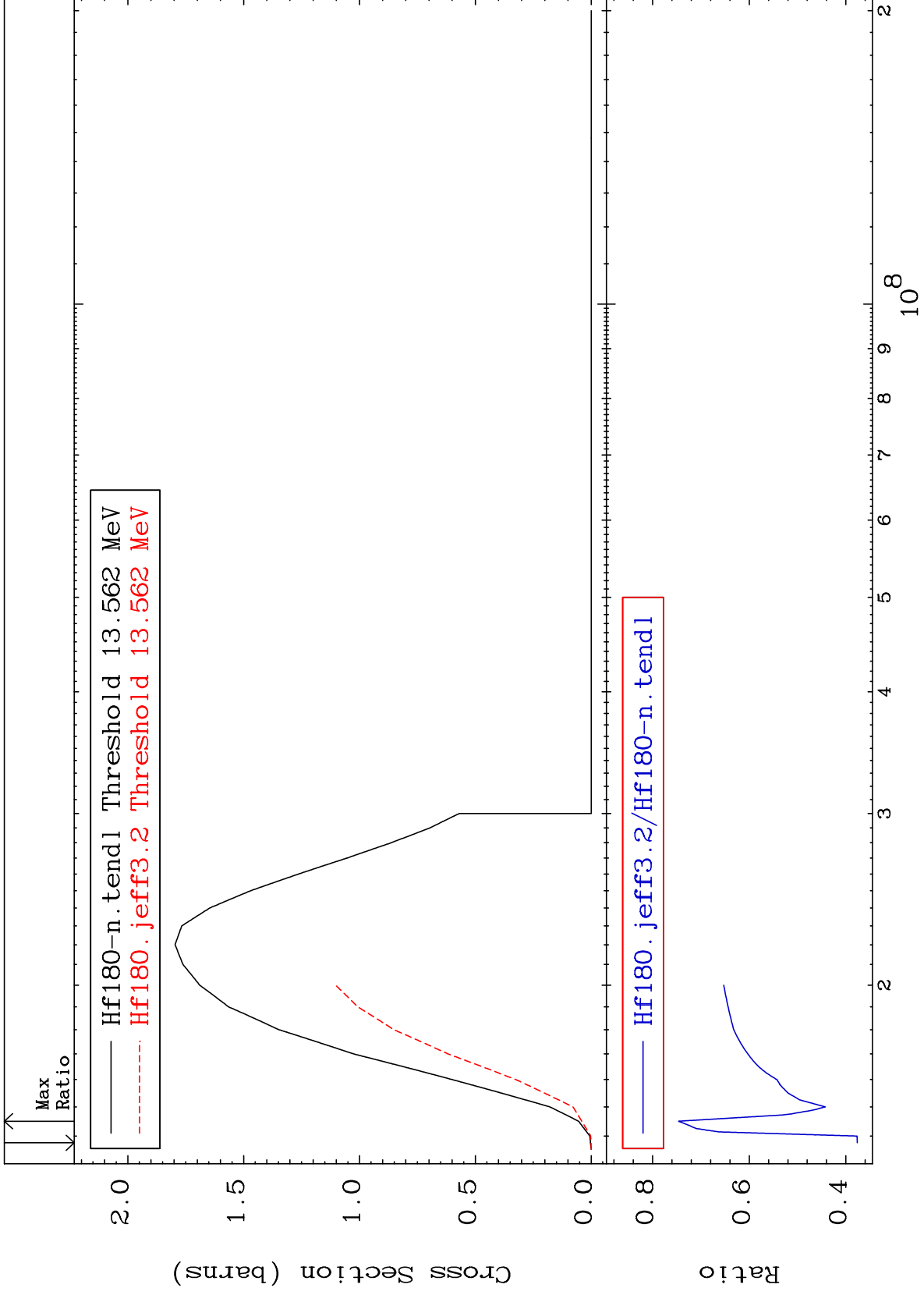
Incident Energy (eV)

72-Hf-180

MAT 7243

(n,3n)  
Cross Section

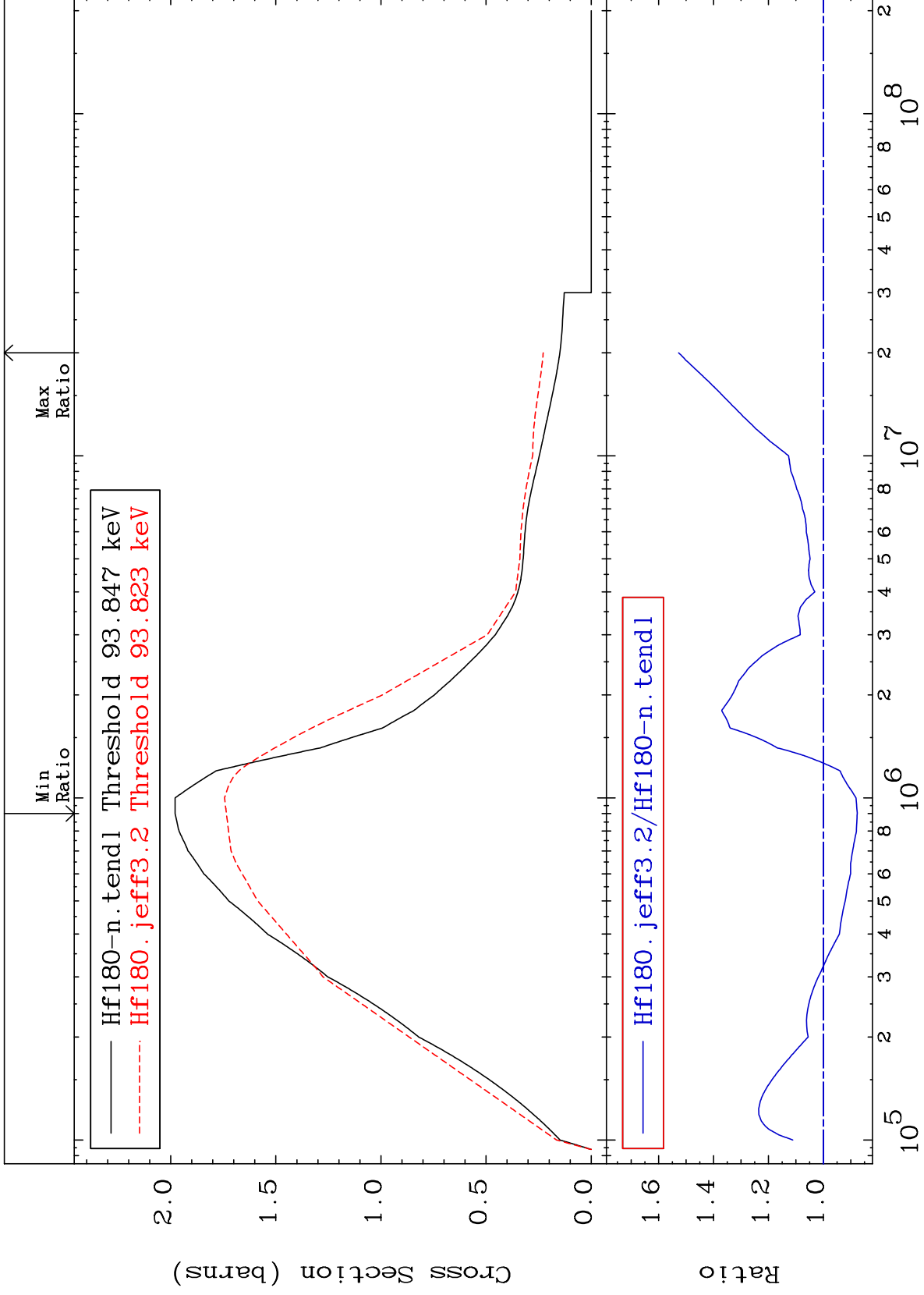
<sup>72</sup>Hf-180  
-62.36 To -25.38%



MAT 7243

93.32 keV (n,n') Level  
Cross Section

72-Hf-180  
-12.35 To 52.68 %



6

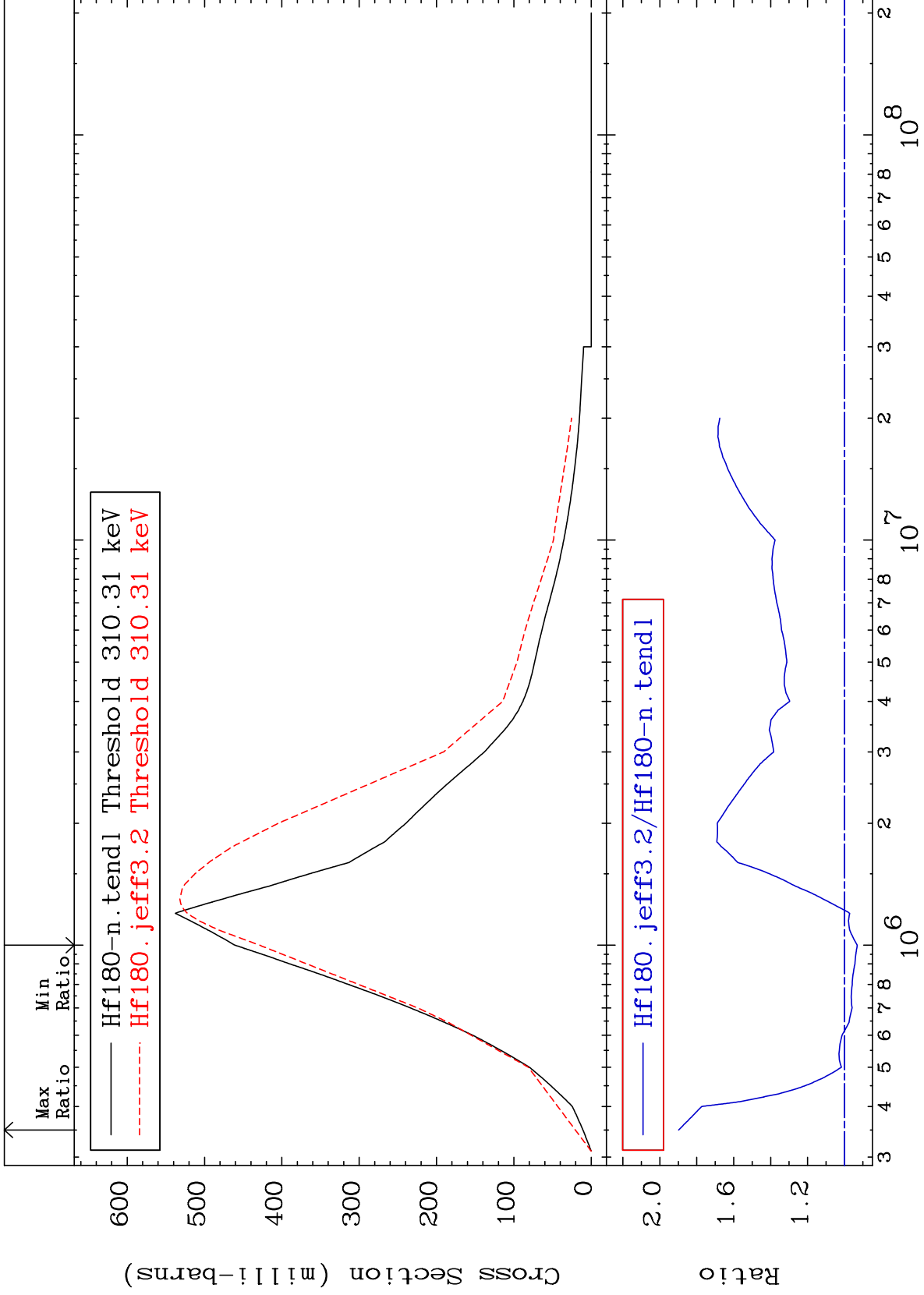
Incident Energy (eV)

72-Hf-180

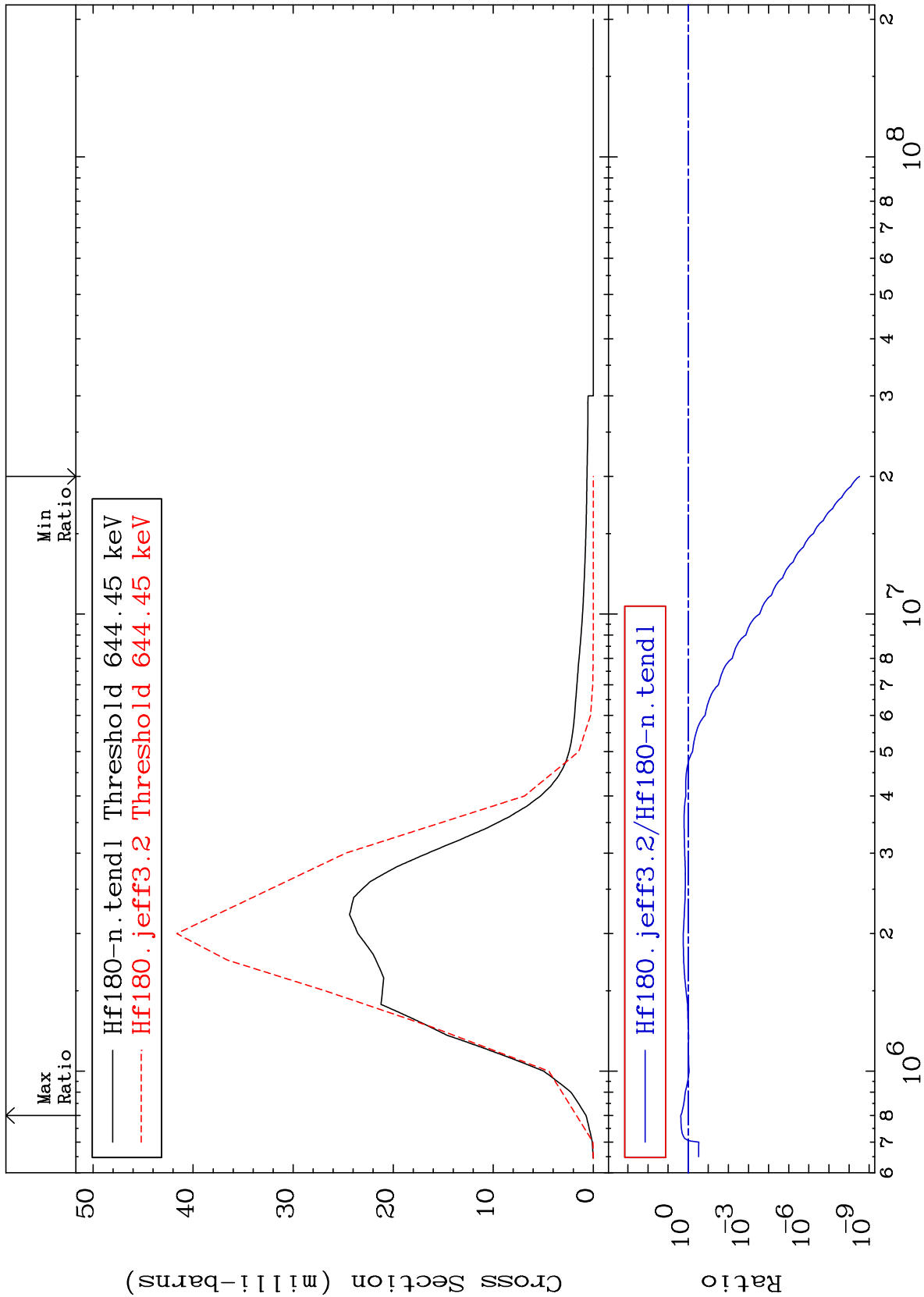
MAT 7243

308.6 keV (n,n') Level  
Cross Section

72-Hf-180  
-6.922 To 89.83 %



MAT 7243 640.9 keV (n,n') Level 72-Hf-180  
Cross Section -100.0 To 133.2 %



8 Incident Energy (eV) 72-Hf-180

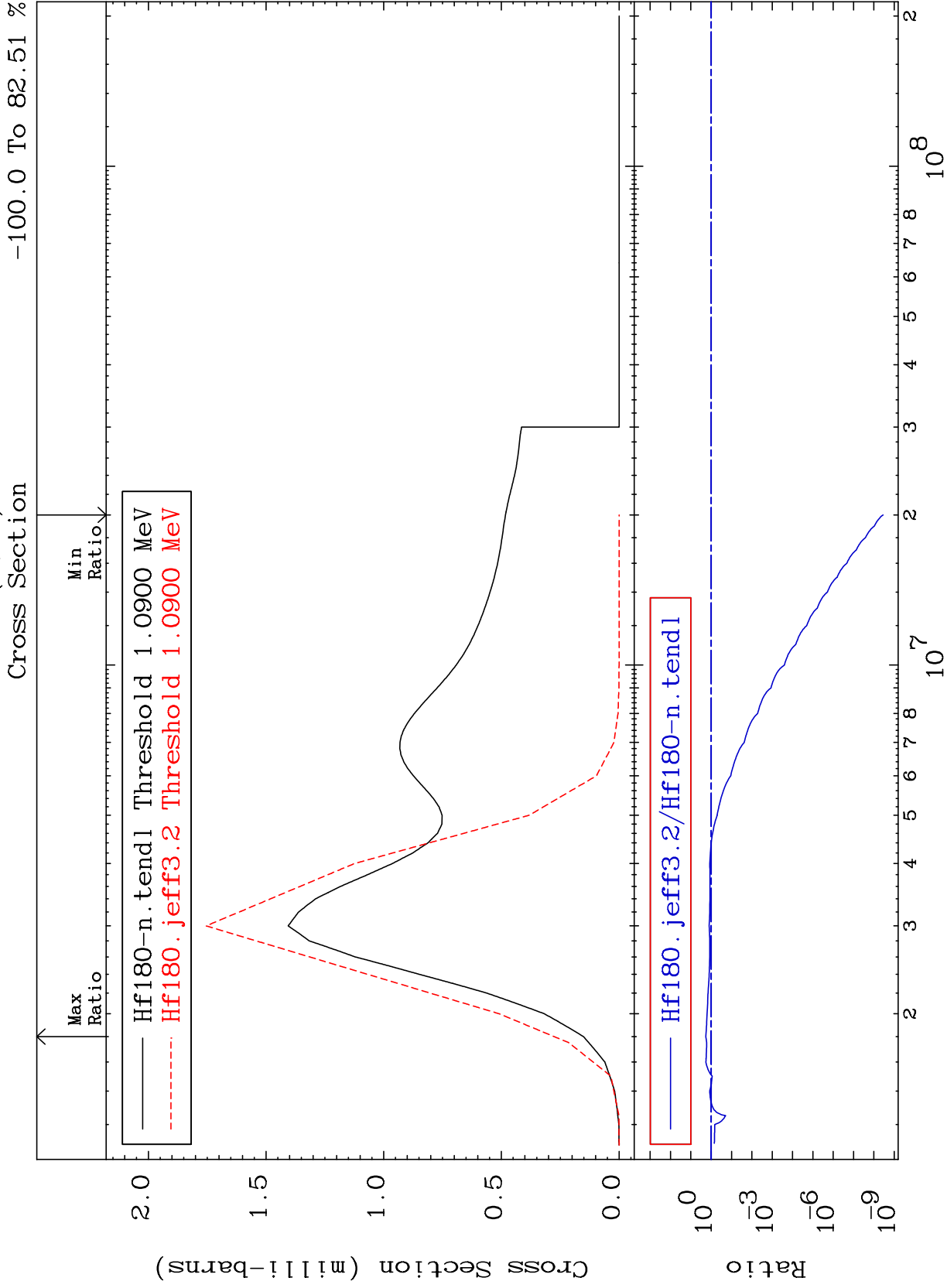


MAT 7243

1.084 MeV (n,n') Level

<sup>72</sup>Hf-180

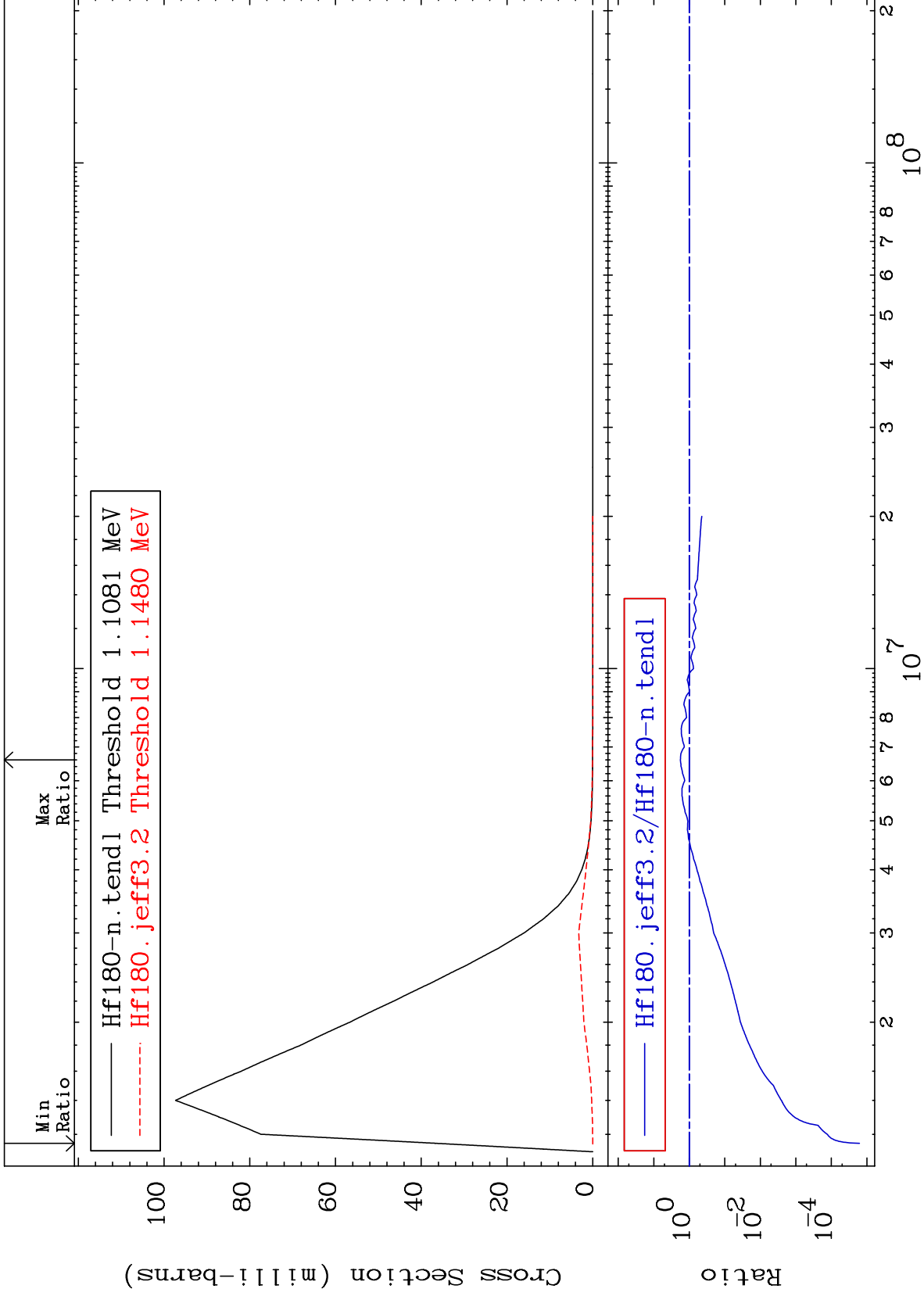
-100.0 To 82.51 %



MAT 7243

1.102 MeV (n,n') Level  
Cross Section

72-Hf-180  
-100.0 To 78.12 %



10

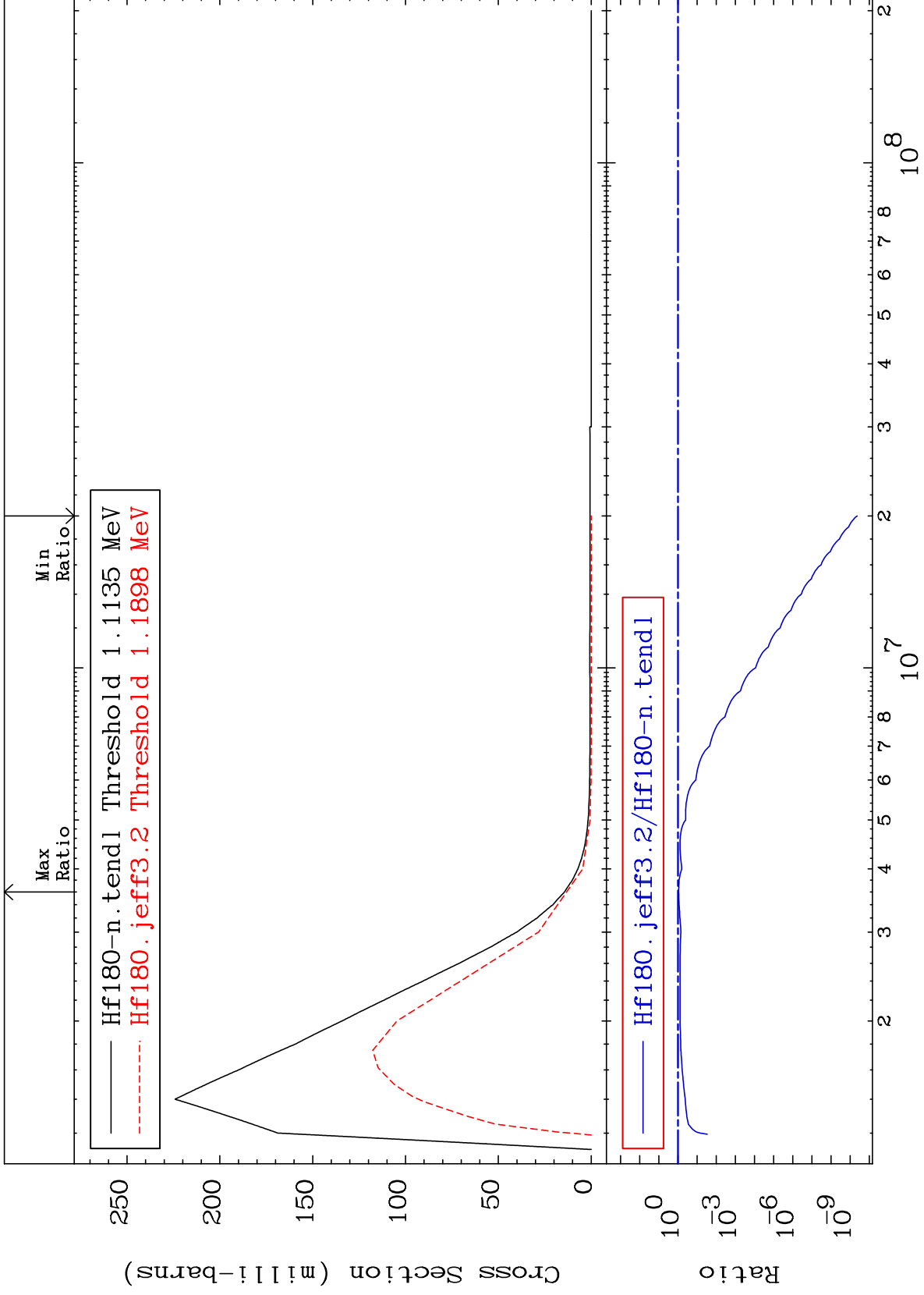
Incident Energy (eV)

72-Hf-180

MAT 7243

1.107 MeV (n,n') Level  
Cross Section

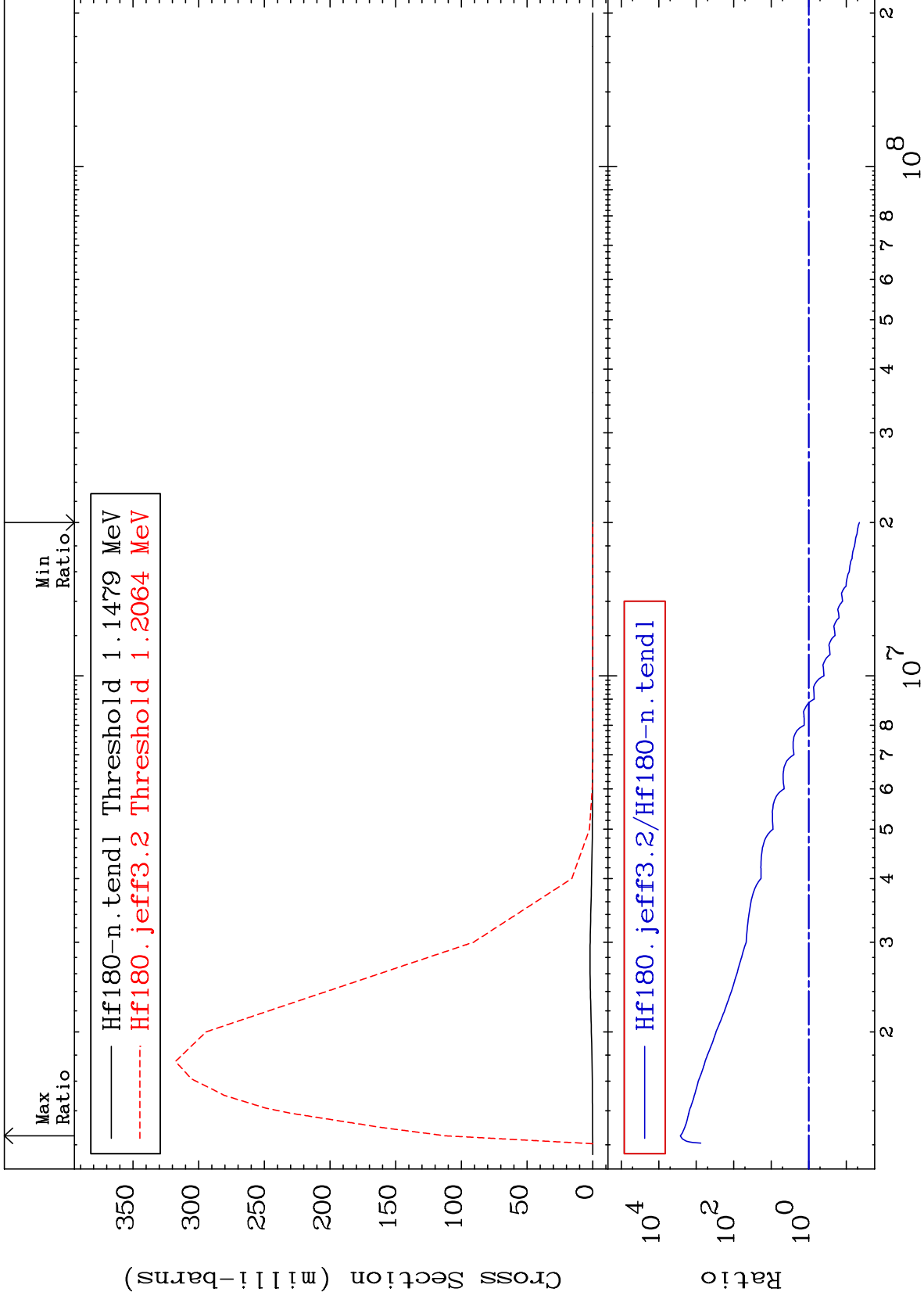
<sup>72</sup>Hf-180  
-100.0 To -8.078%

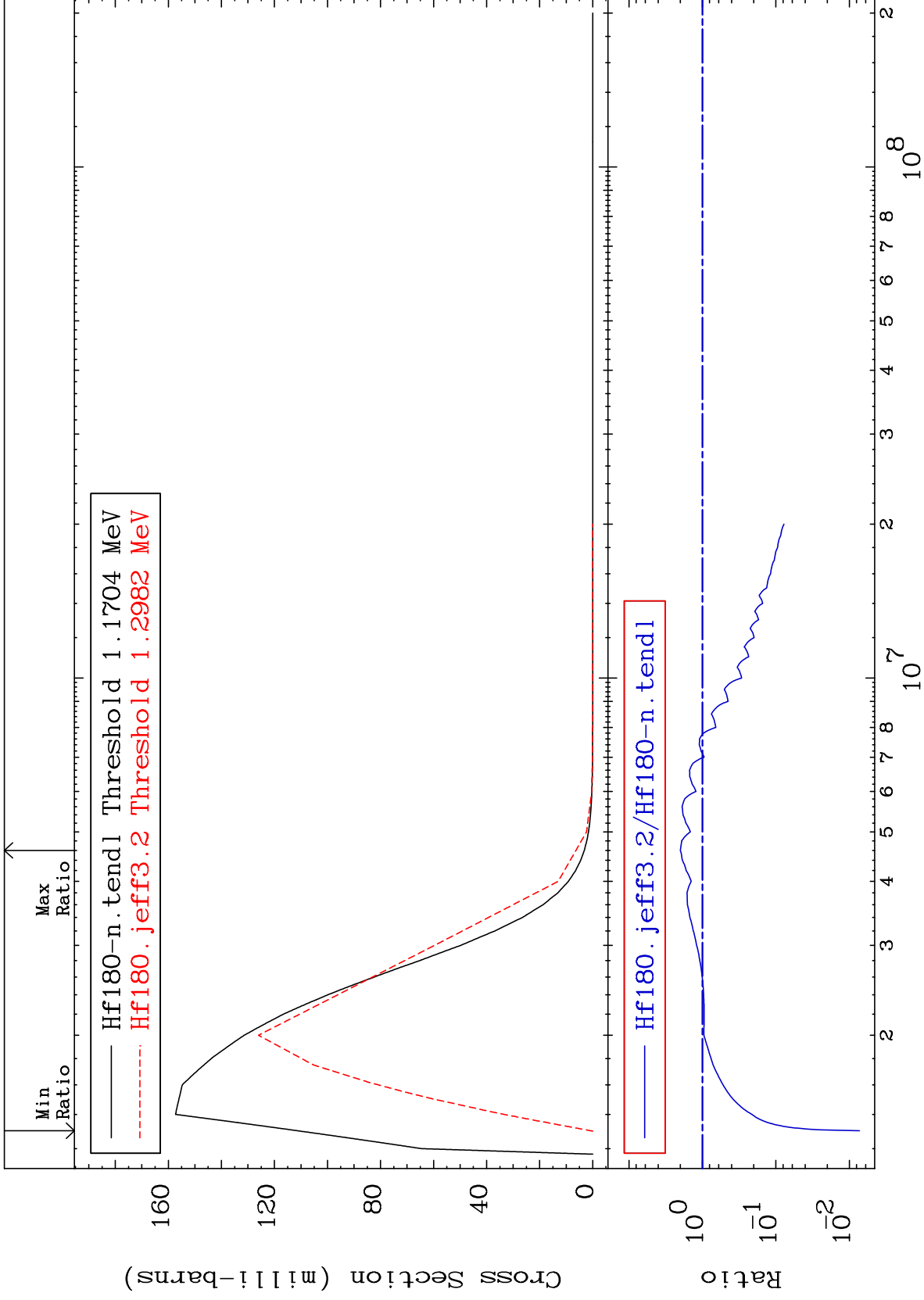


MAT 7243

1.142 MeV (n,n') Level  
Cross Section

72-Hf-180  
-95.54 To 9999. %

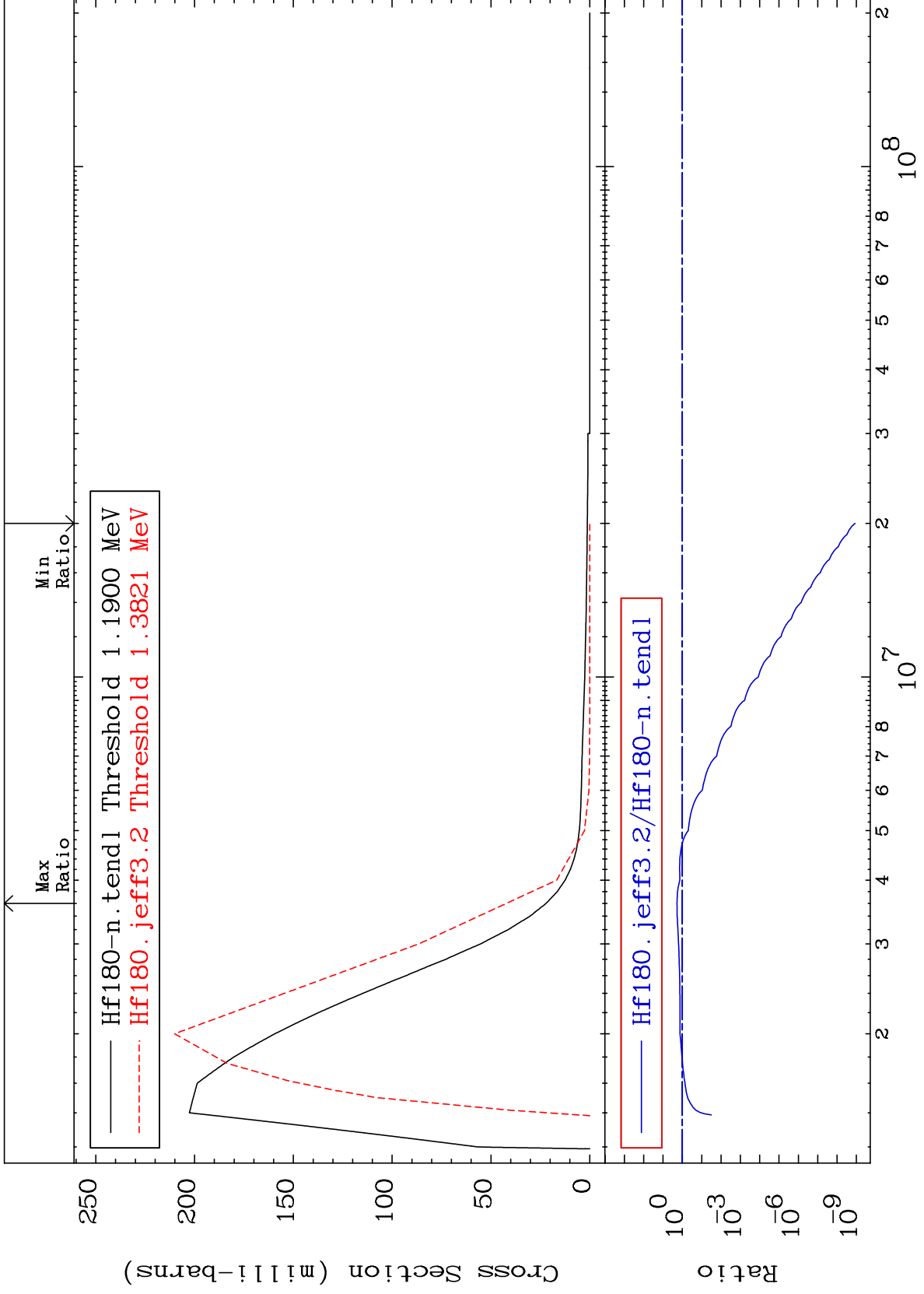




MAT 7243

1.183 MeV (n,n') Level  
Cross Section

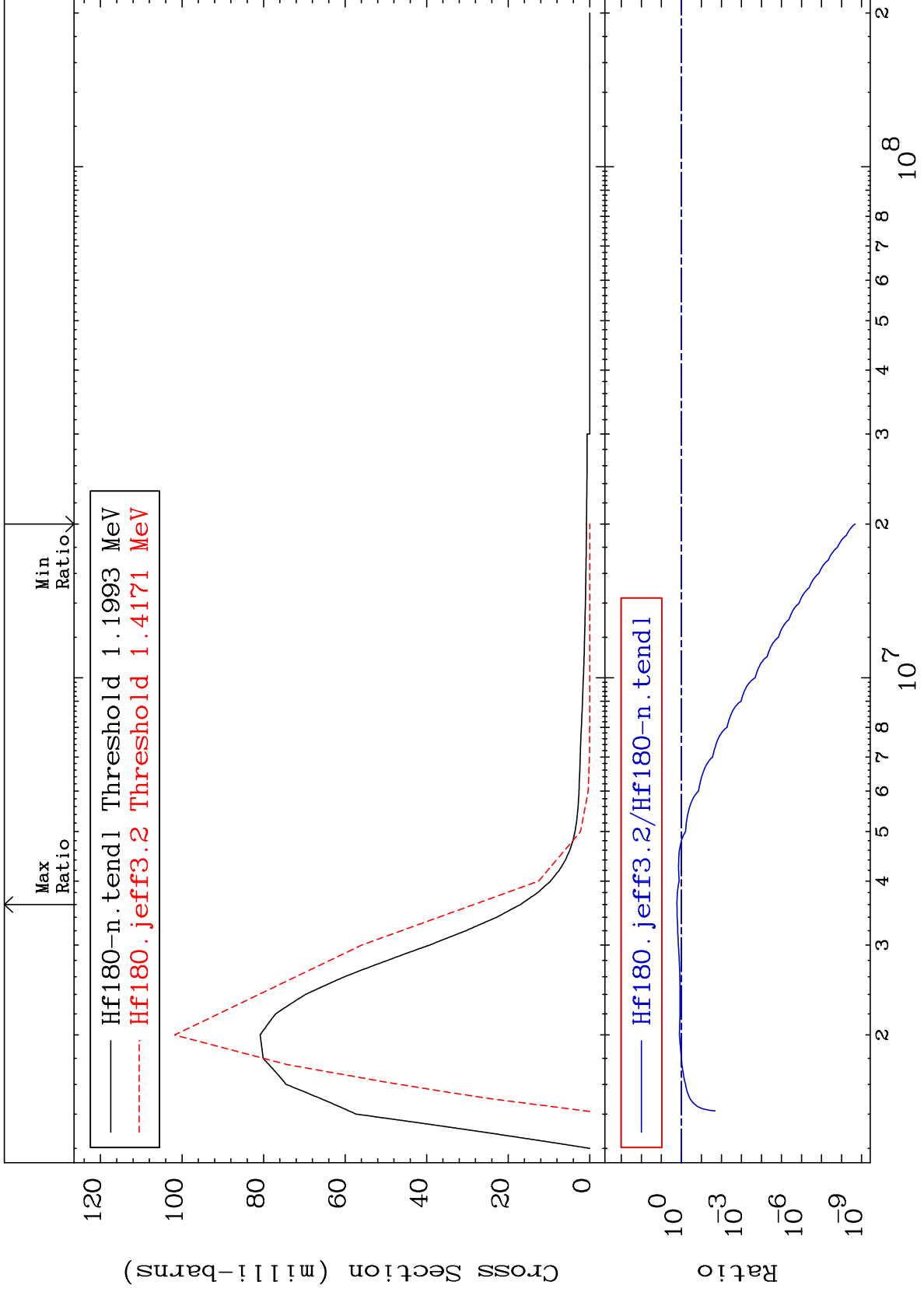
<sup>72</sup>Hf-180  
-100.0 To 91.42 %



MAT 7243

1.193 MeV (n,n') Level  
Cross Section

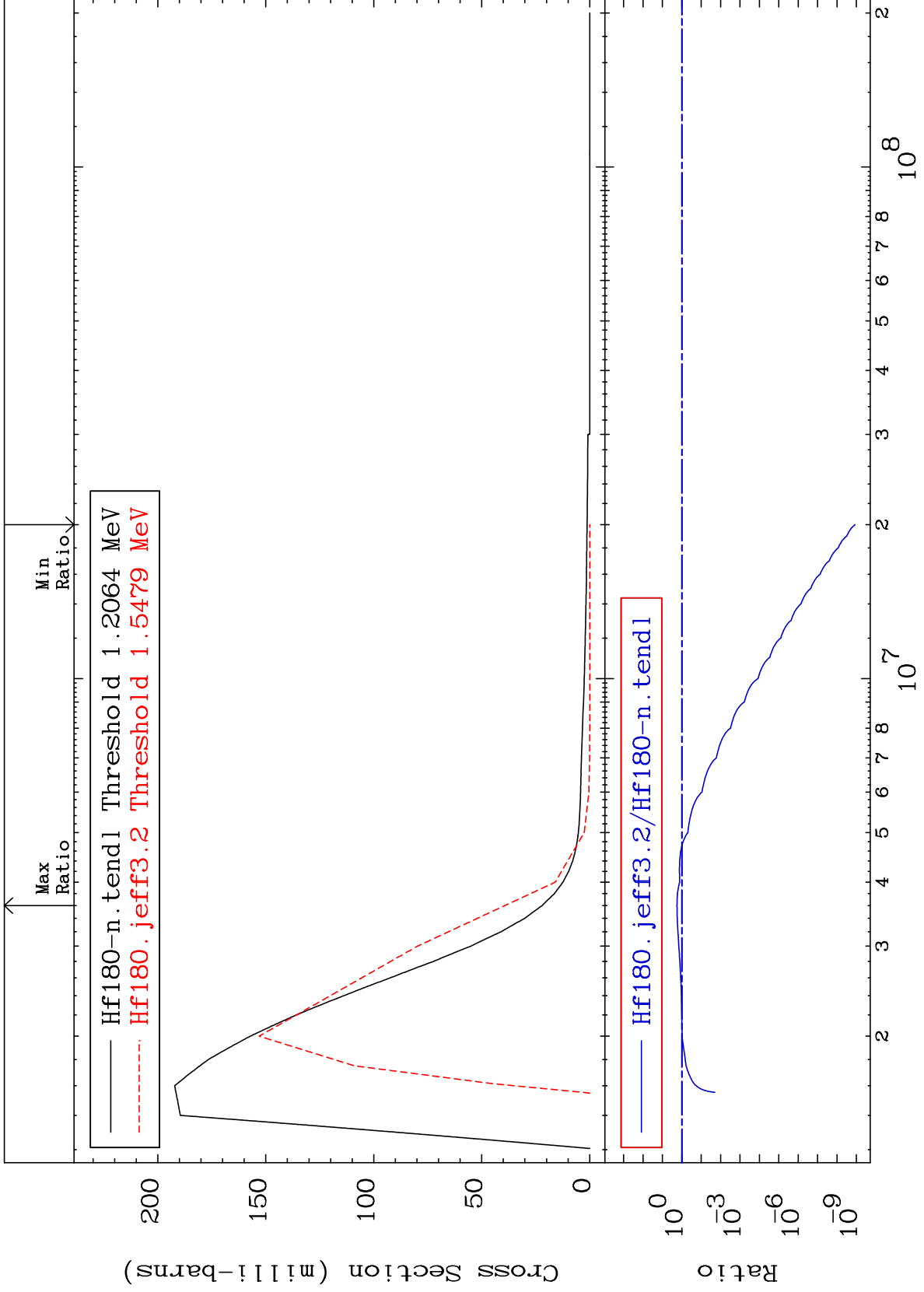
<sup>72</sup>Hf-180  
-100.0 To 67.33 %



MAT 7243

1.200 MeV (n,n') Level  
Cross Section

72-Hf-180  
-100.0 To 78.58 %



16

Incident Energy (eV)

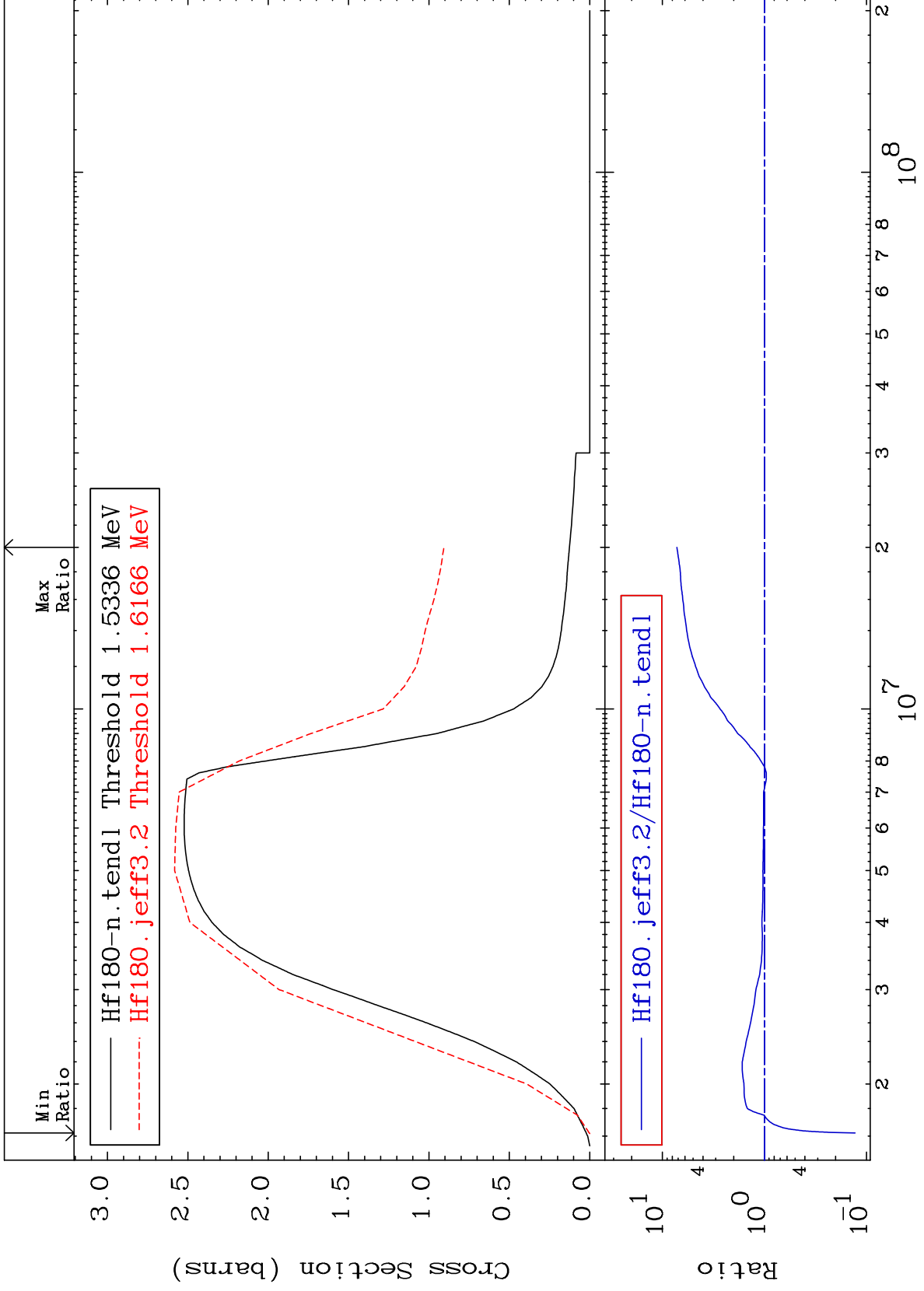
72-Hf-180



MAT 7243

(n, n') Continuum  
Cross Section

72-Hf-180  
-87.09 To 619.9 %



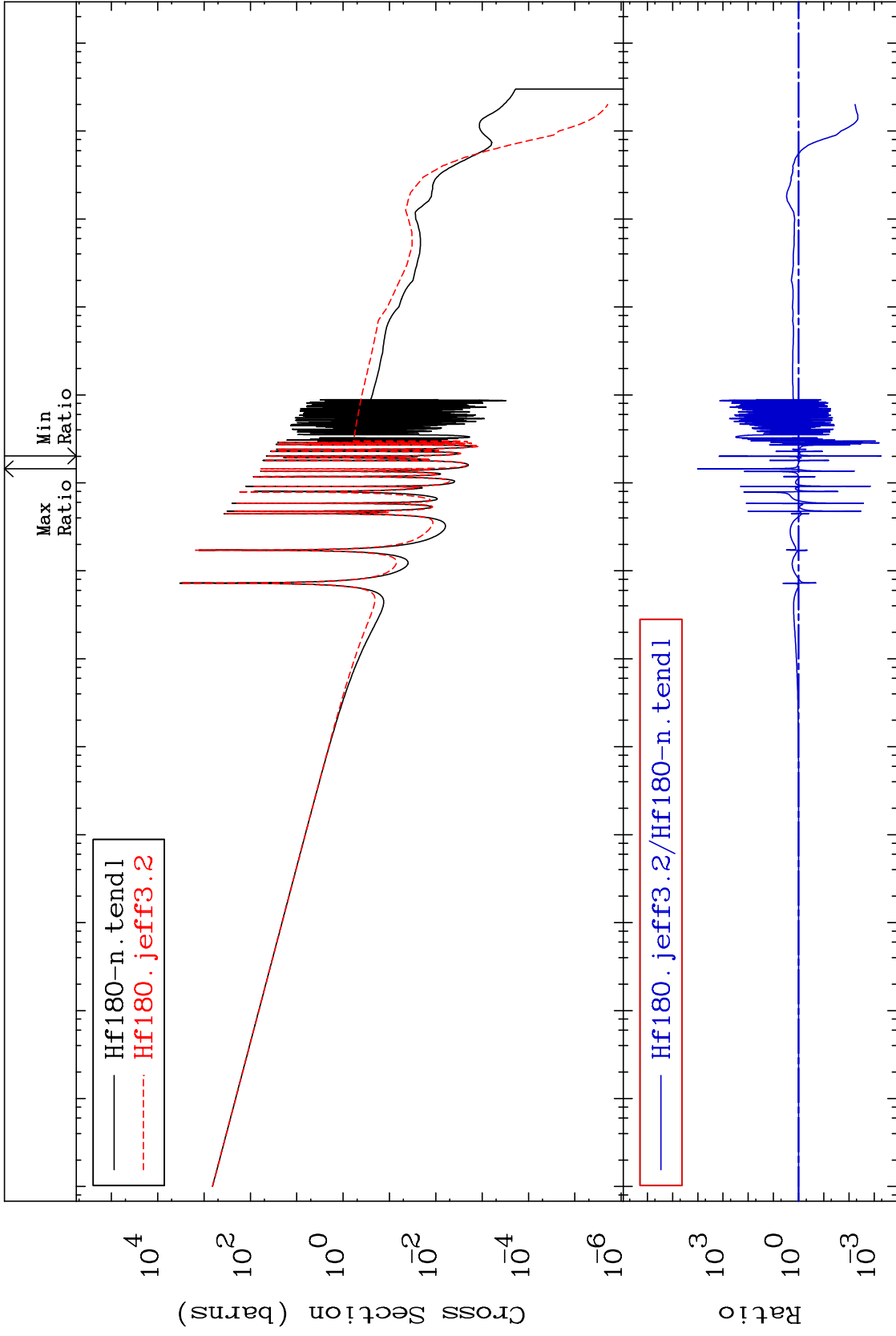
MAT 7243

(n,  $\gamma$ )

72-Hf-180

Cross Section

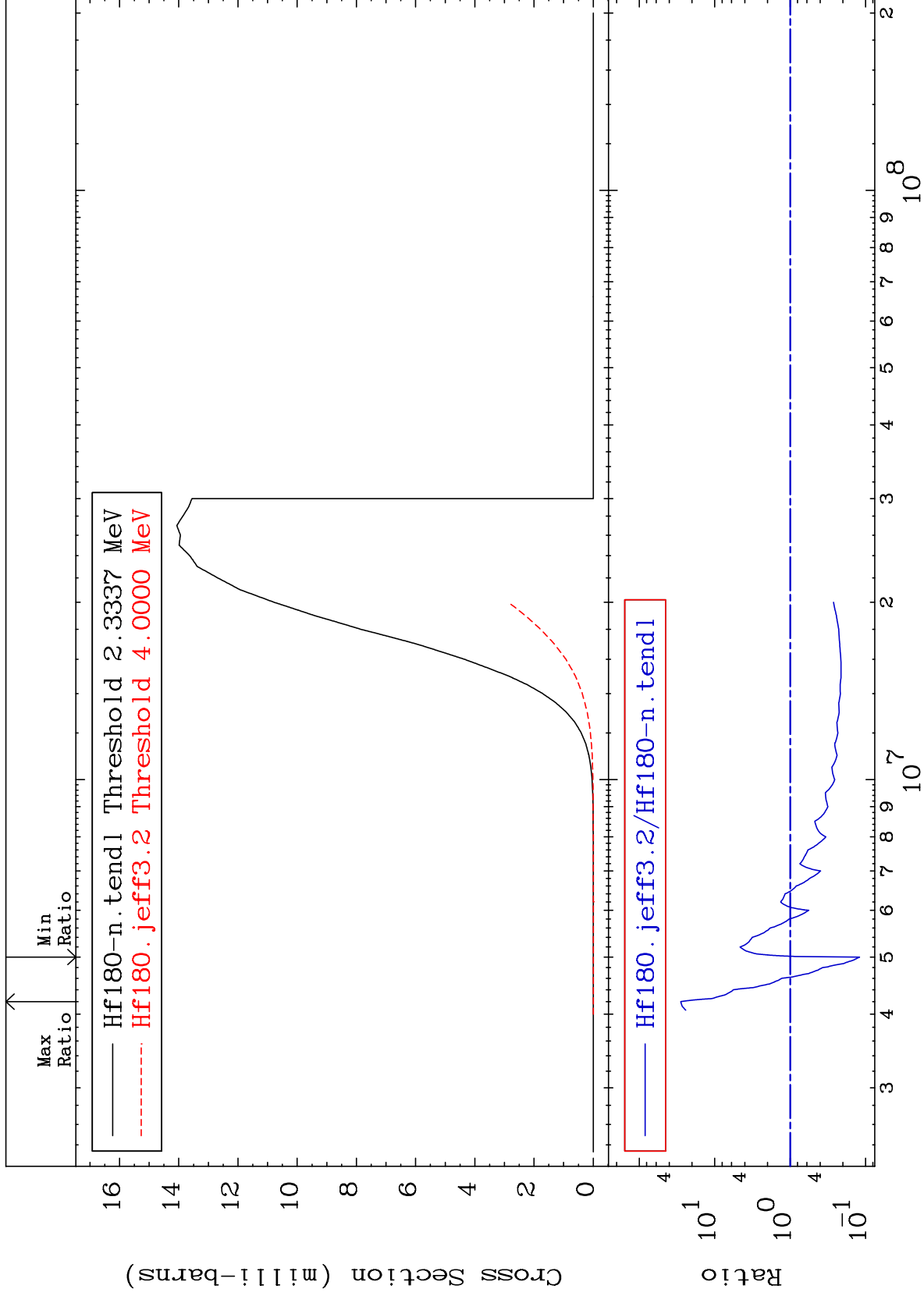
-99.95 To 9999. %



18

Incident Energy (eV)

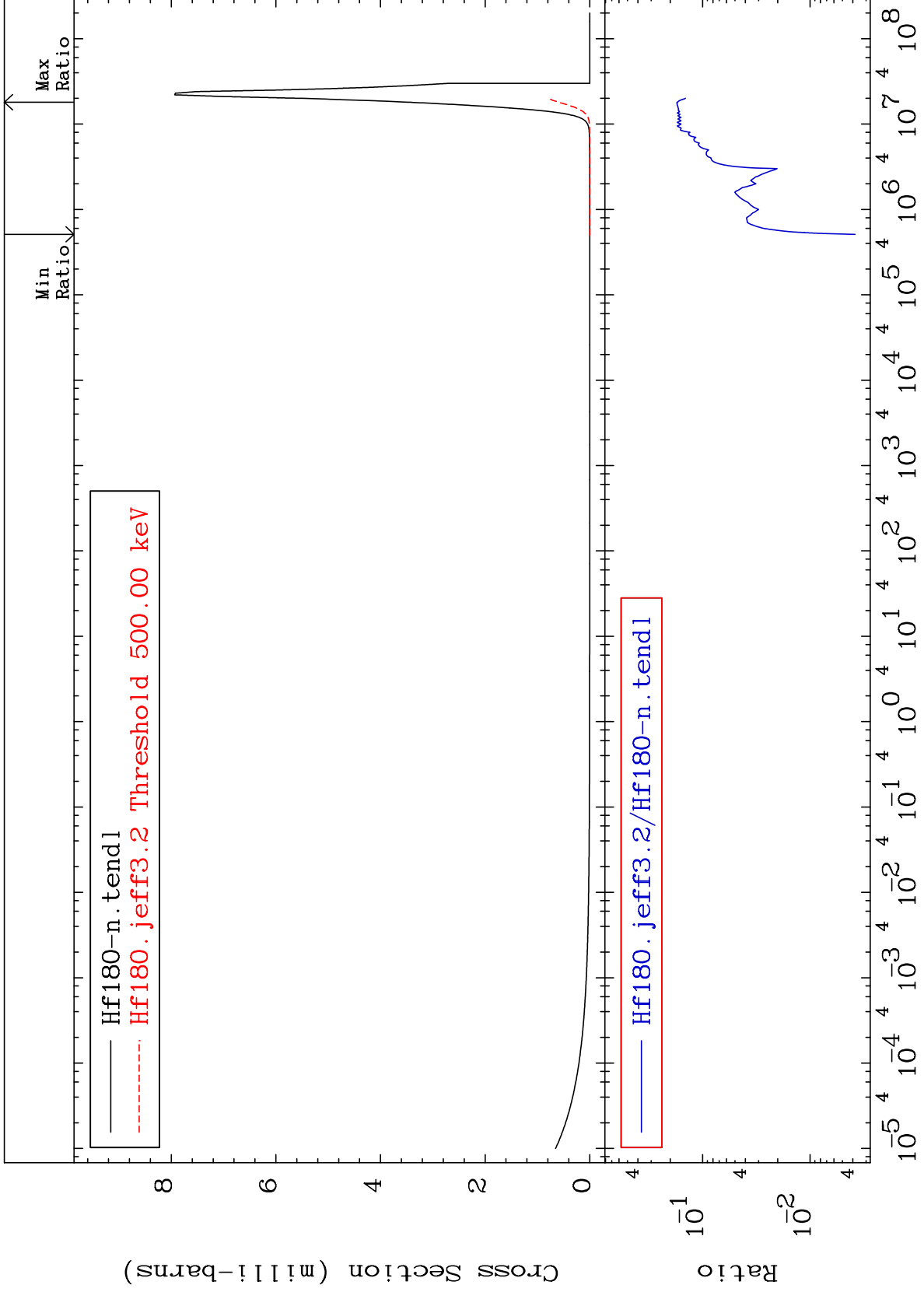
72-Hf-180



MAT 7243

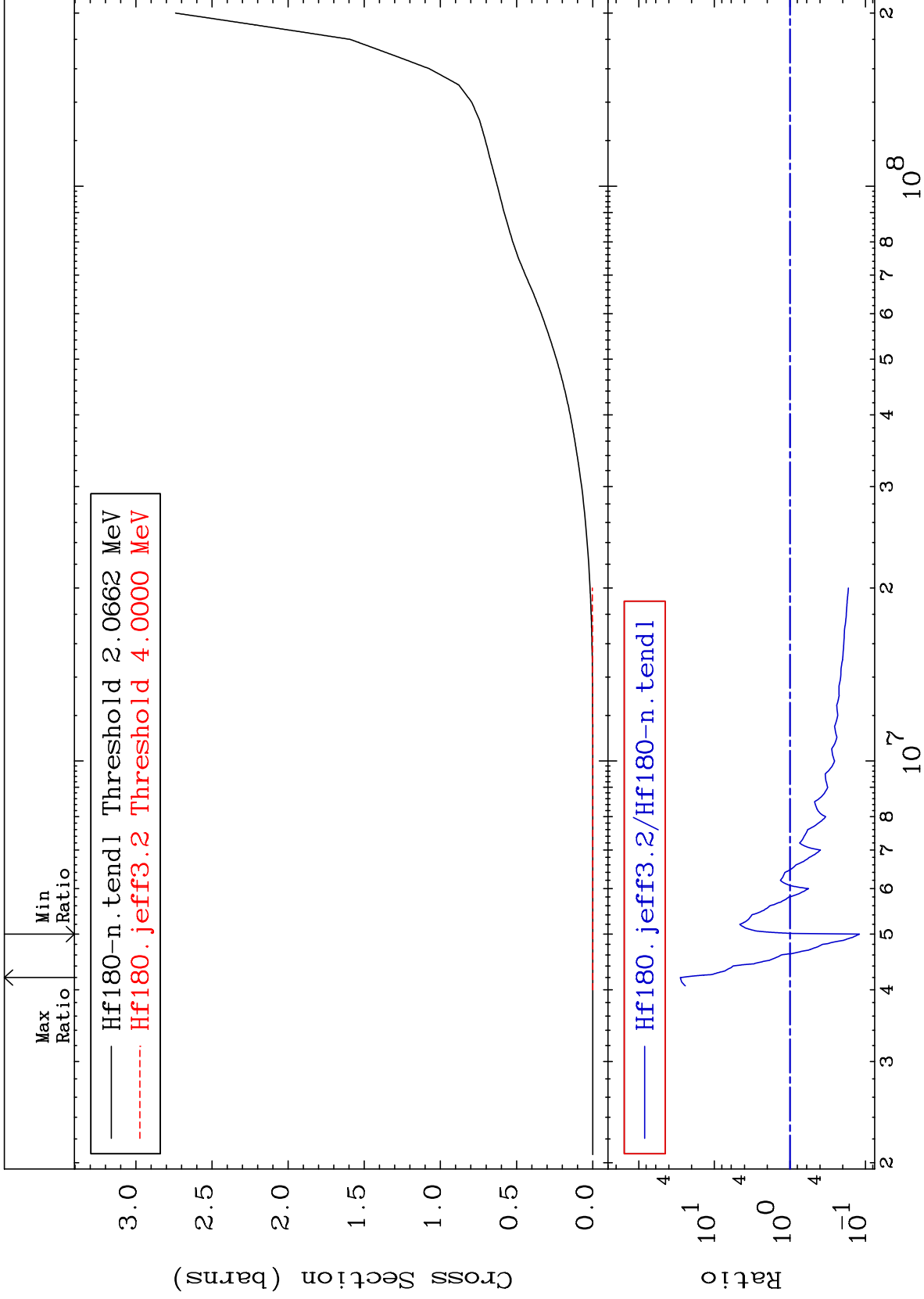
(n,  $\alpha$ )  
Cross Section

72-Hf-180  
-99.62 To -82.69%



Incident Energy (eV)

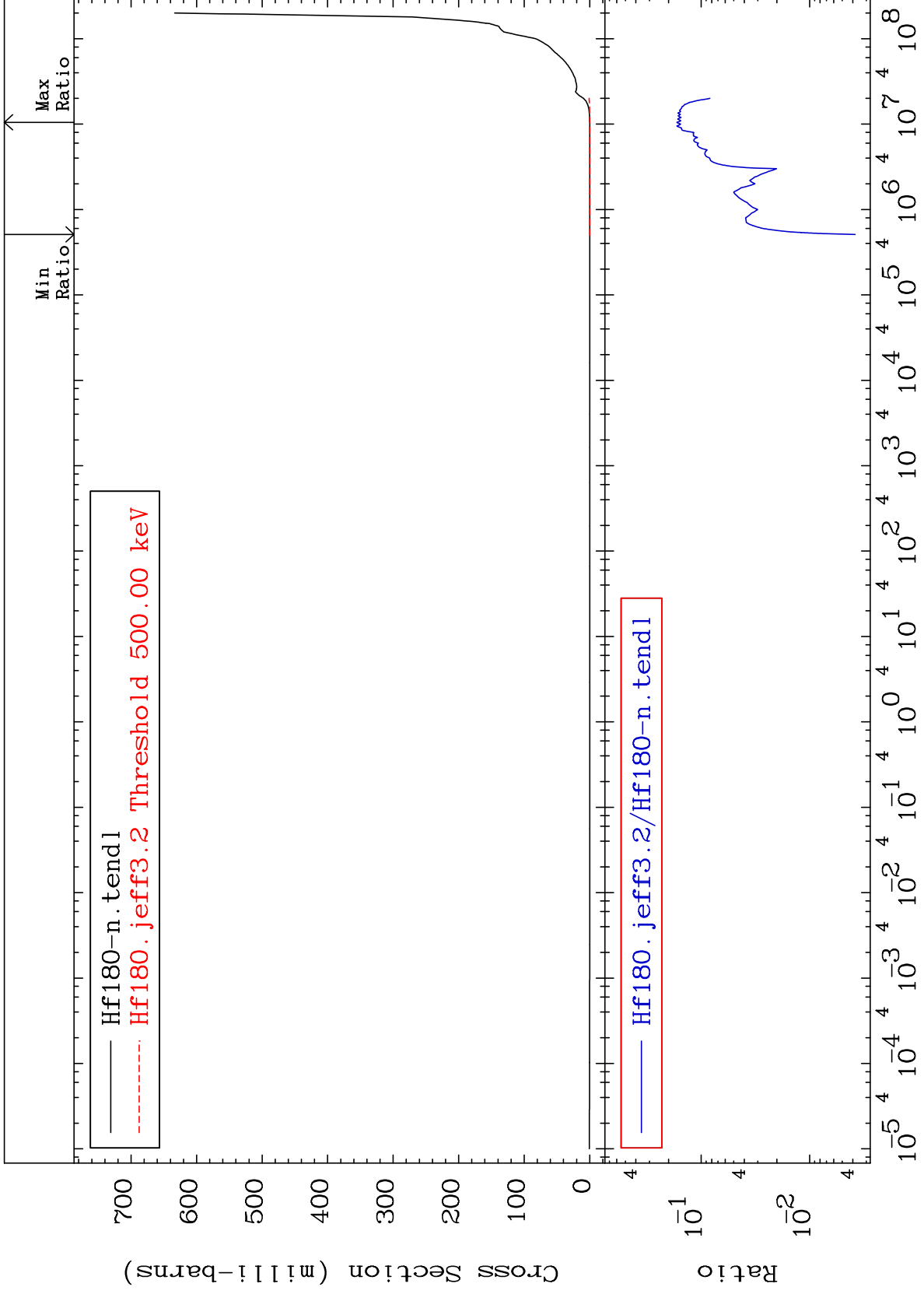
72-Hf-180



MAT 7243

He-4 Production  
Cross Section

72-Hf-180  
-99.62 To -83.27%



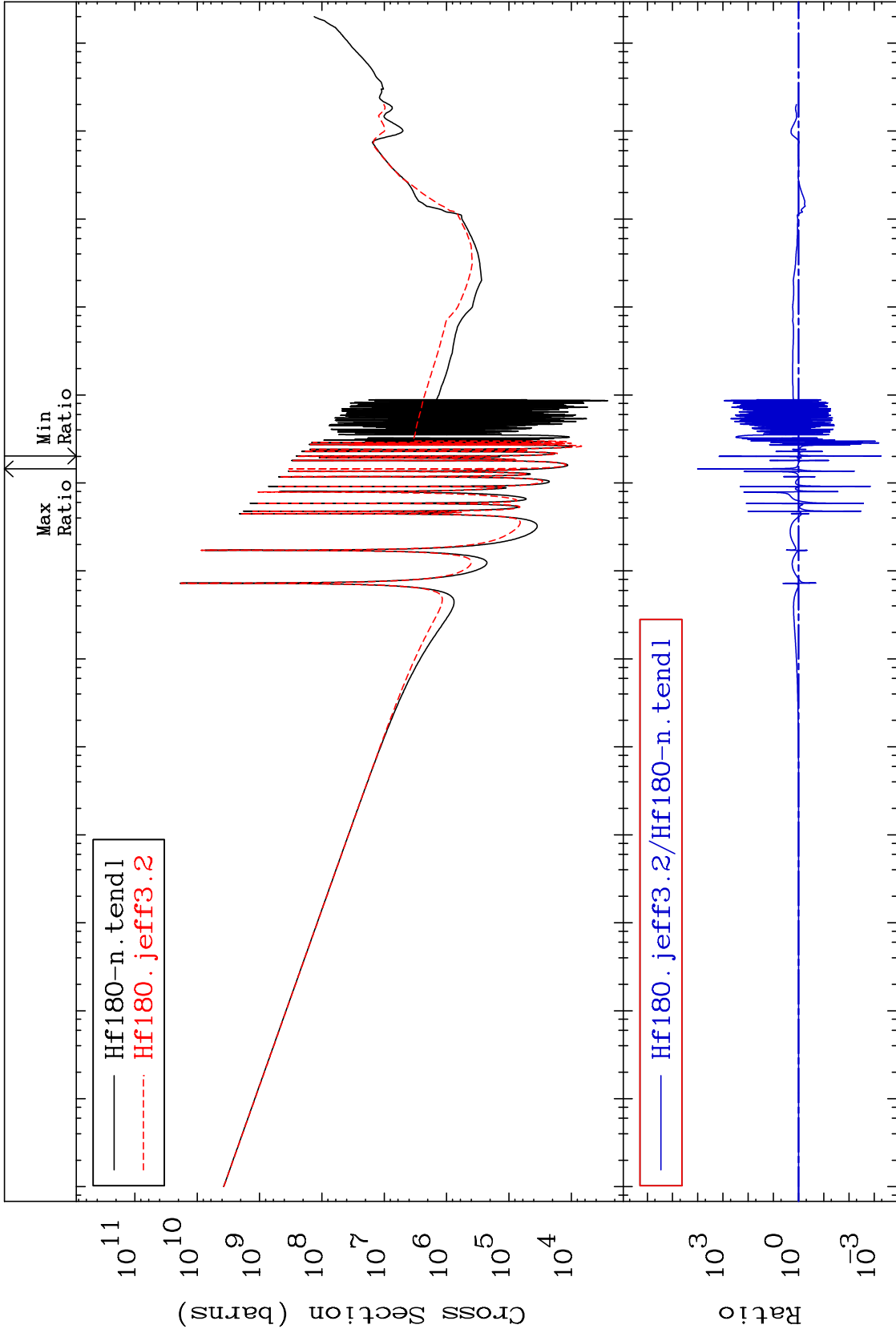
22

Incident Energy (eV)

72-Hf-180

Cross Section

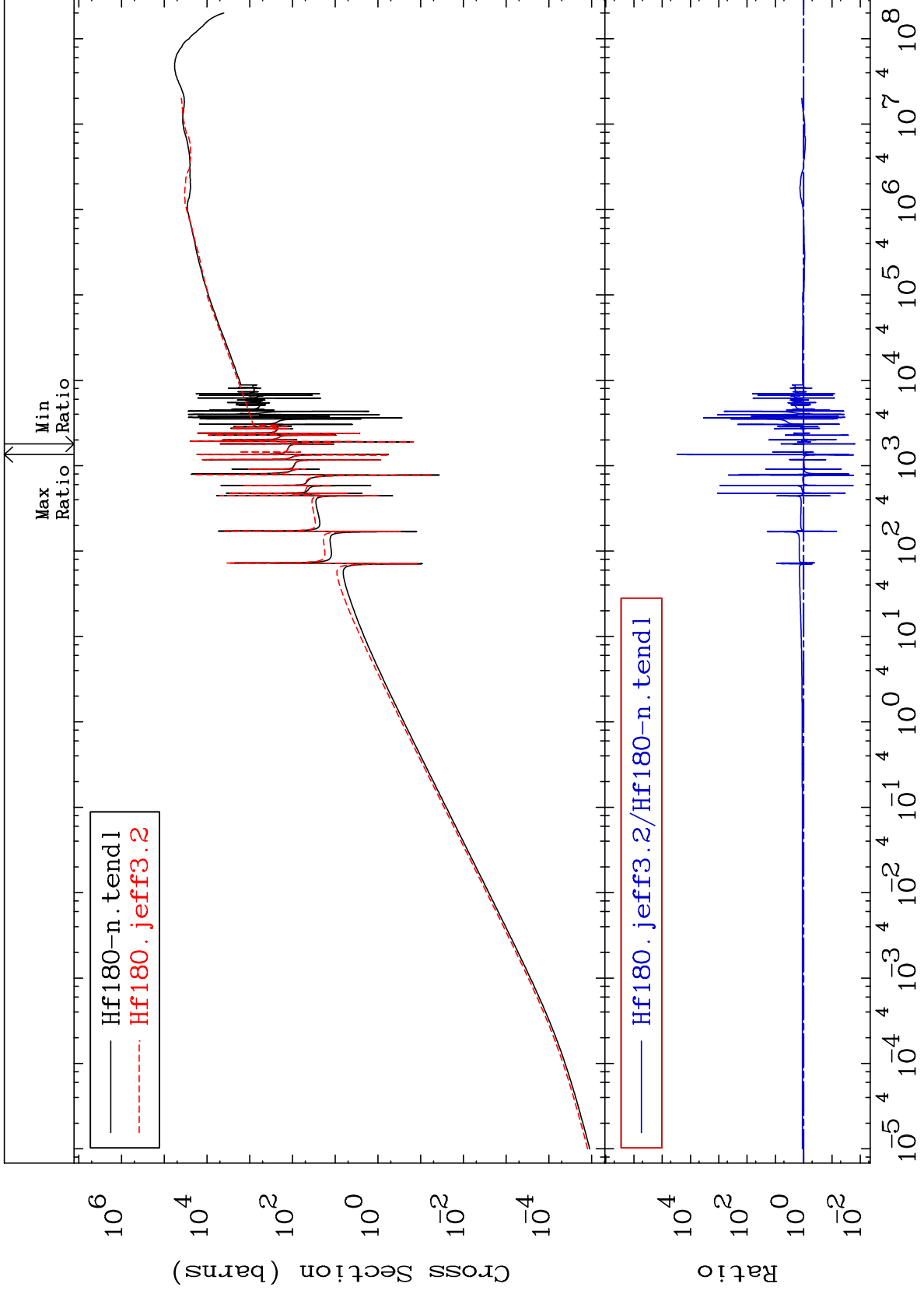
-99.95 To 9999. %



MAT 7243

Kerma elastic  
Cross Section

72-Hf-180  
-98.48 To 9999. %

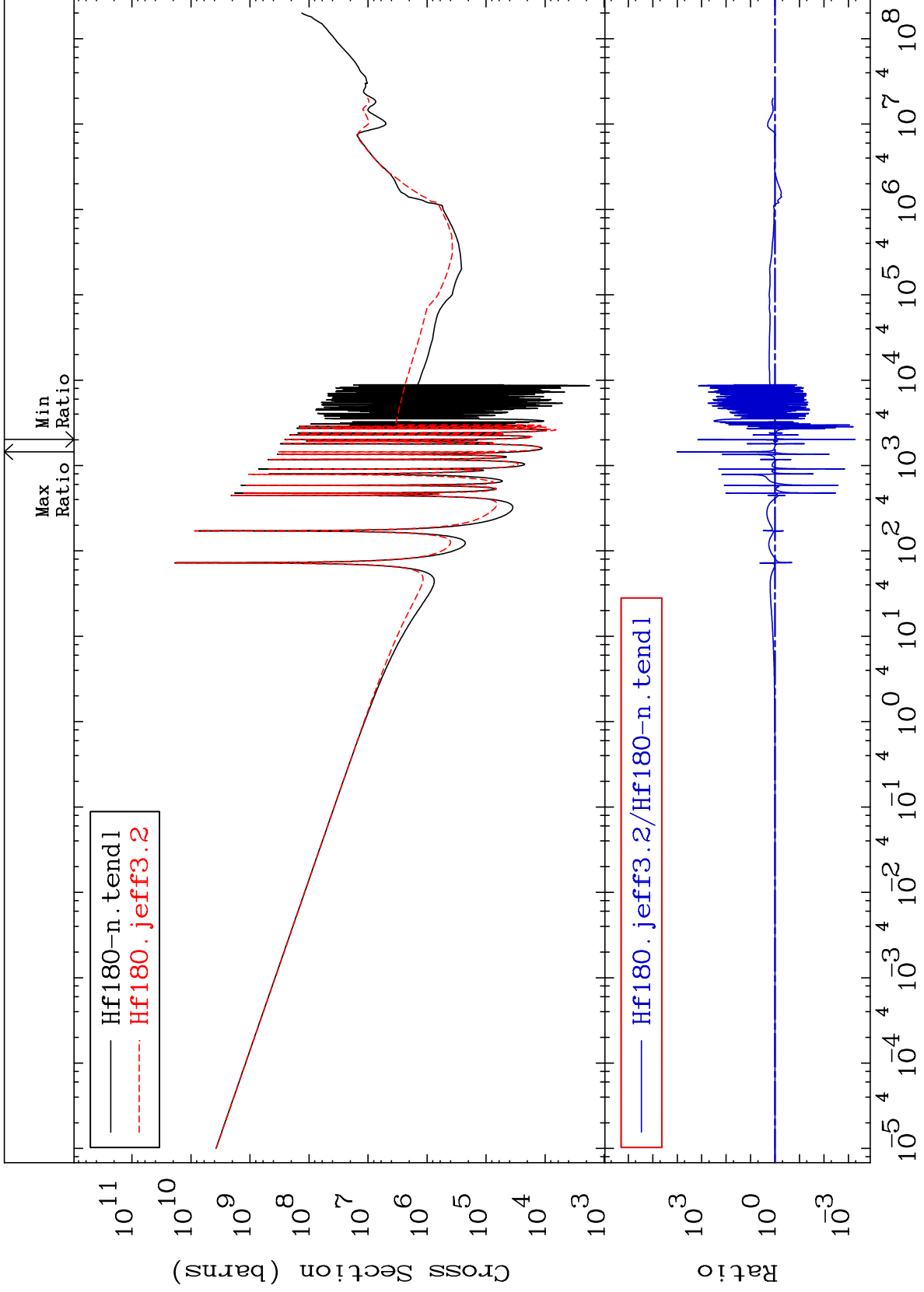




MAT 7243

Kerma non-elastic (all but mt2)  
Cross Section

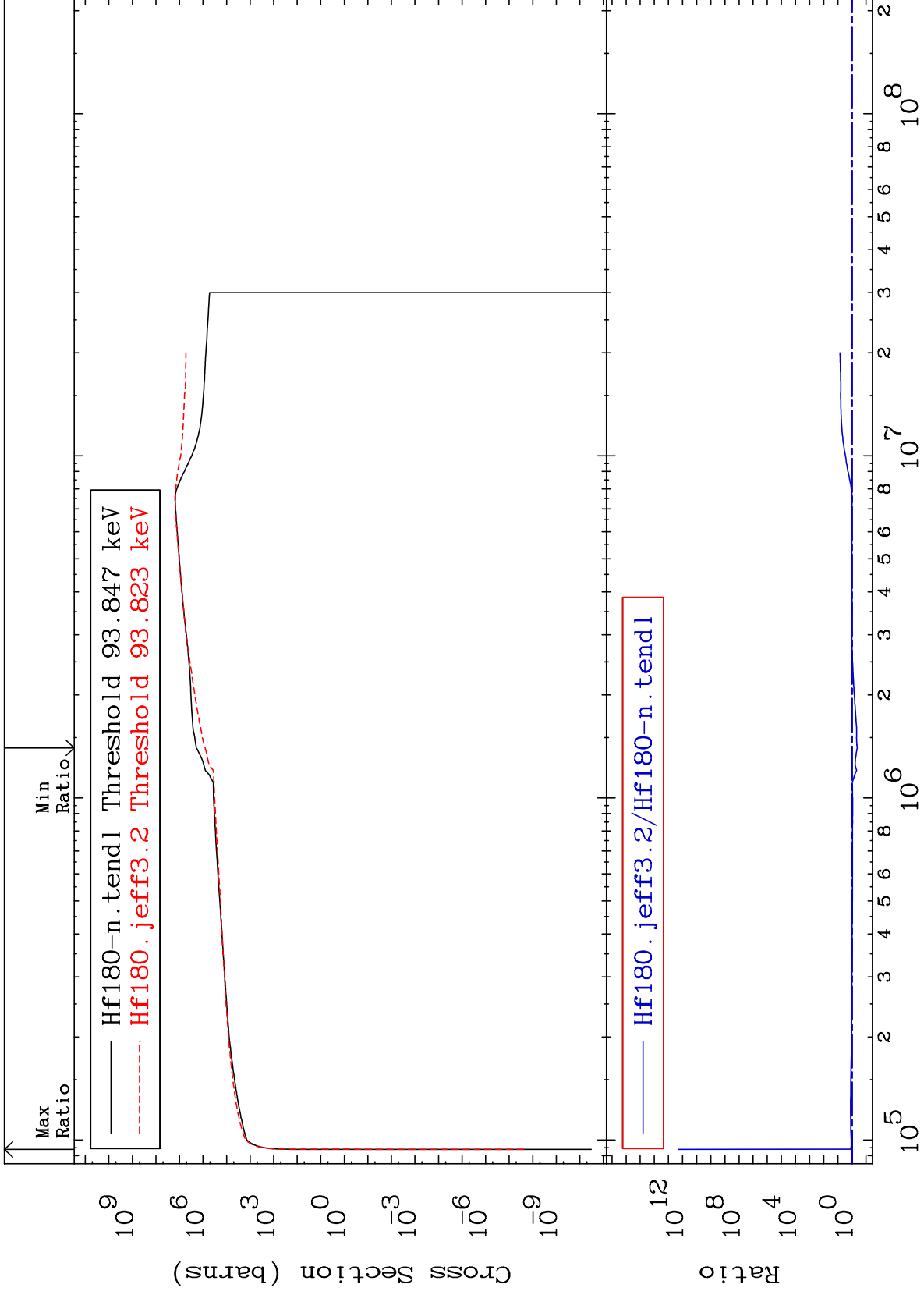
72-Hf-180  
-99.95 To 9999. %



25

Incident Energy (eV)

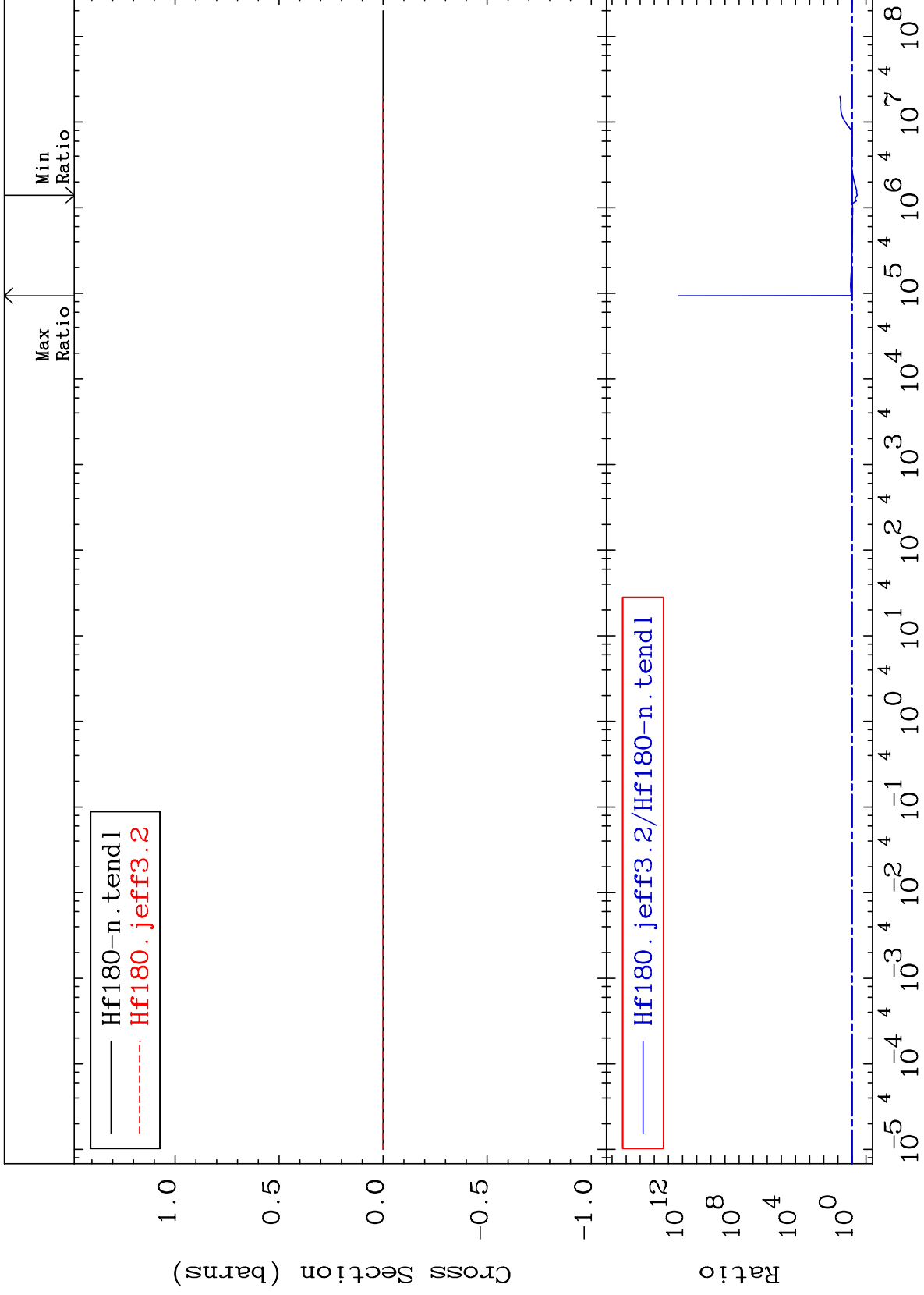
72-Hf-180



MAT 7243

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

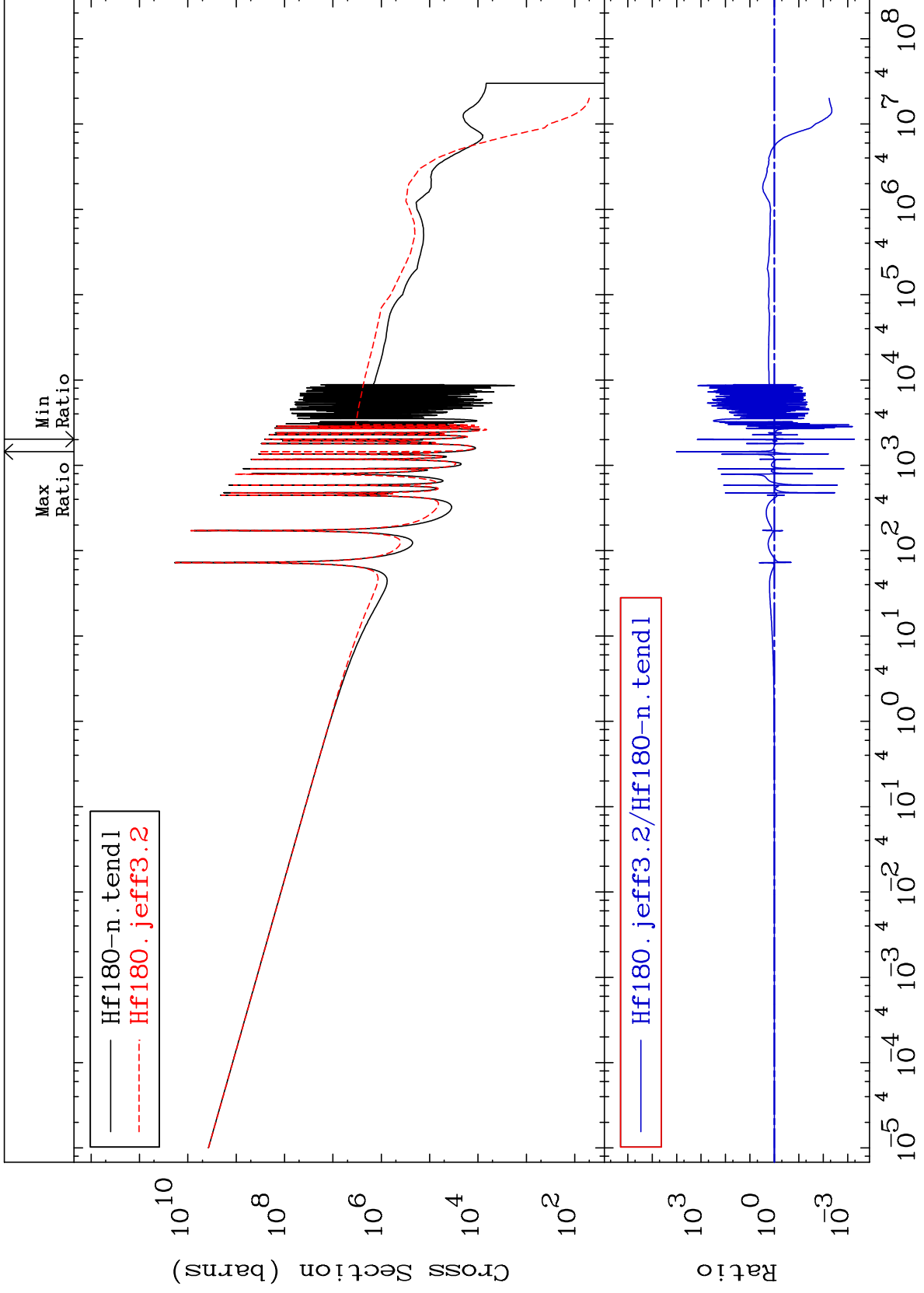
72-Hf-180  
-57.81 To 9999. %



MAT 7243

Kerma capture (mt102)  
Cross Section

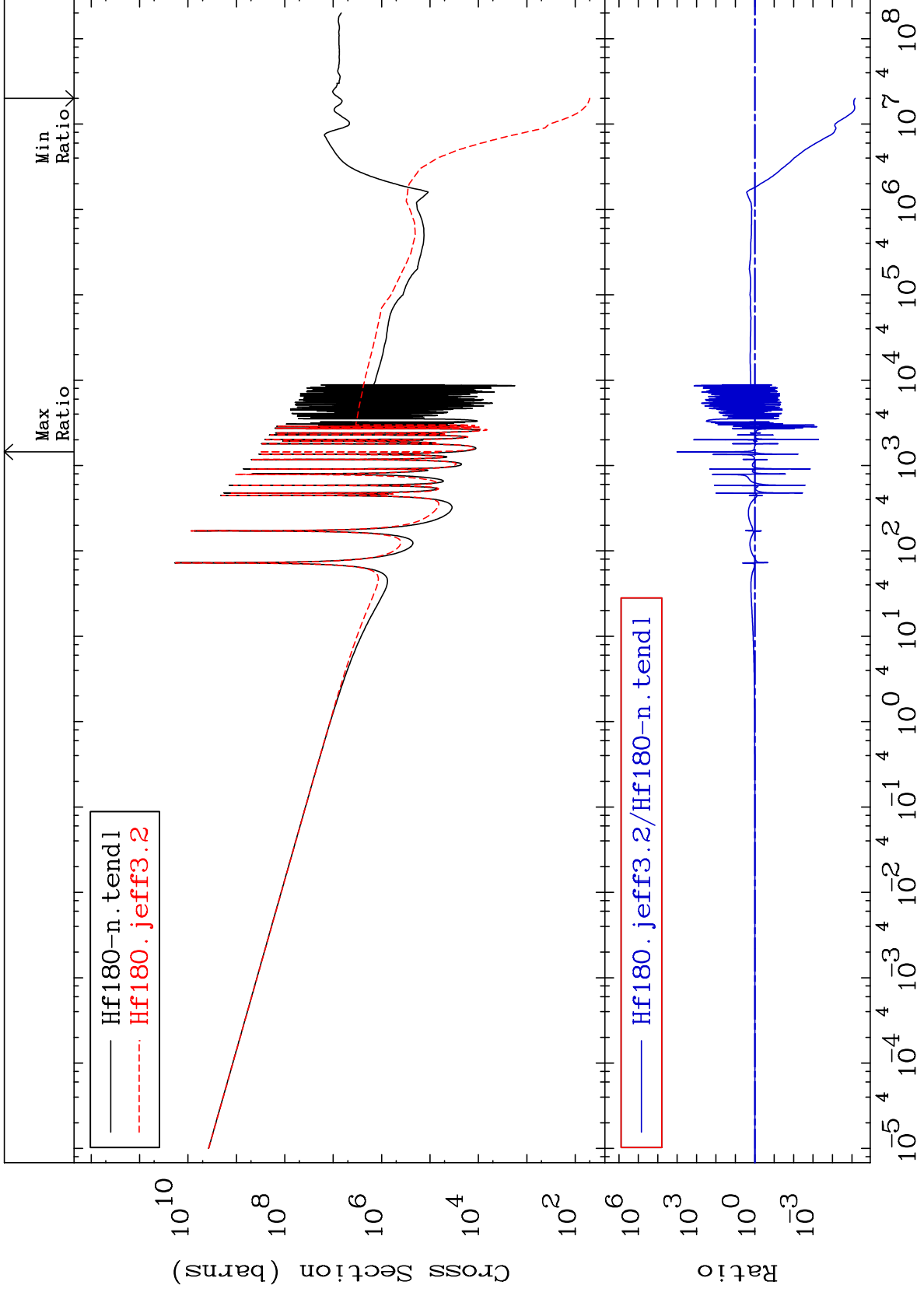
72-Hf-180  
-99.95 To 9999. %



MAT 7243

Total photon (eV-barns)  
Cross Section

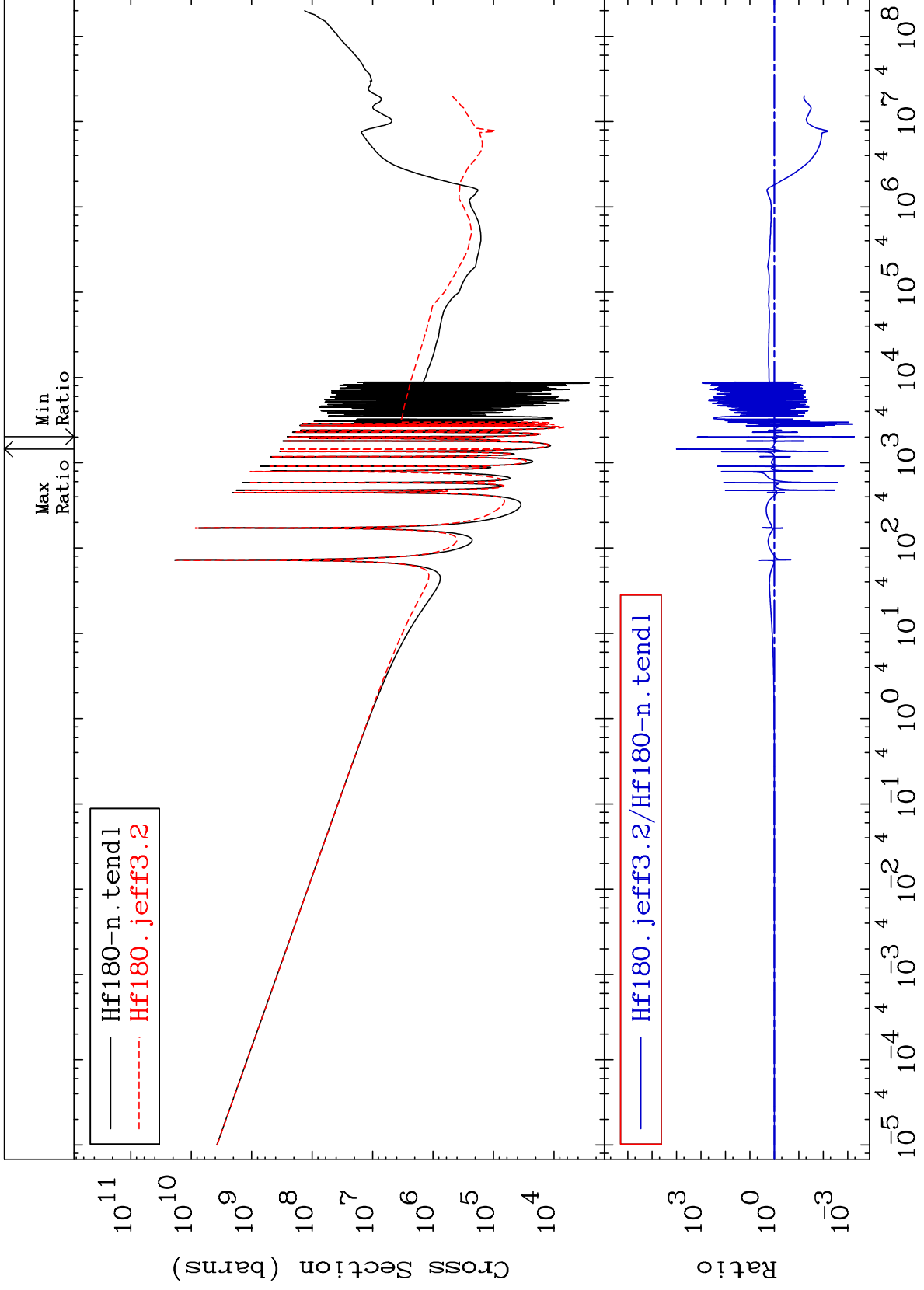
72-Hf-180  
-100.0 To 9999. %



MAT 7243

Total kinematic kerma (high limit)  
Cross Section

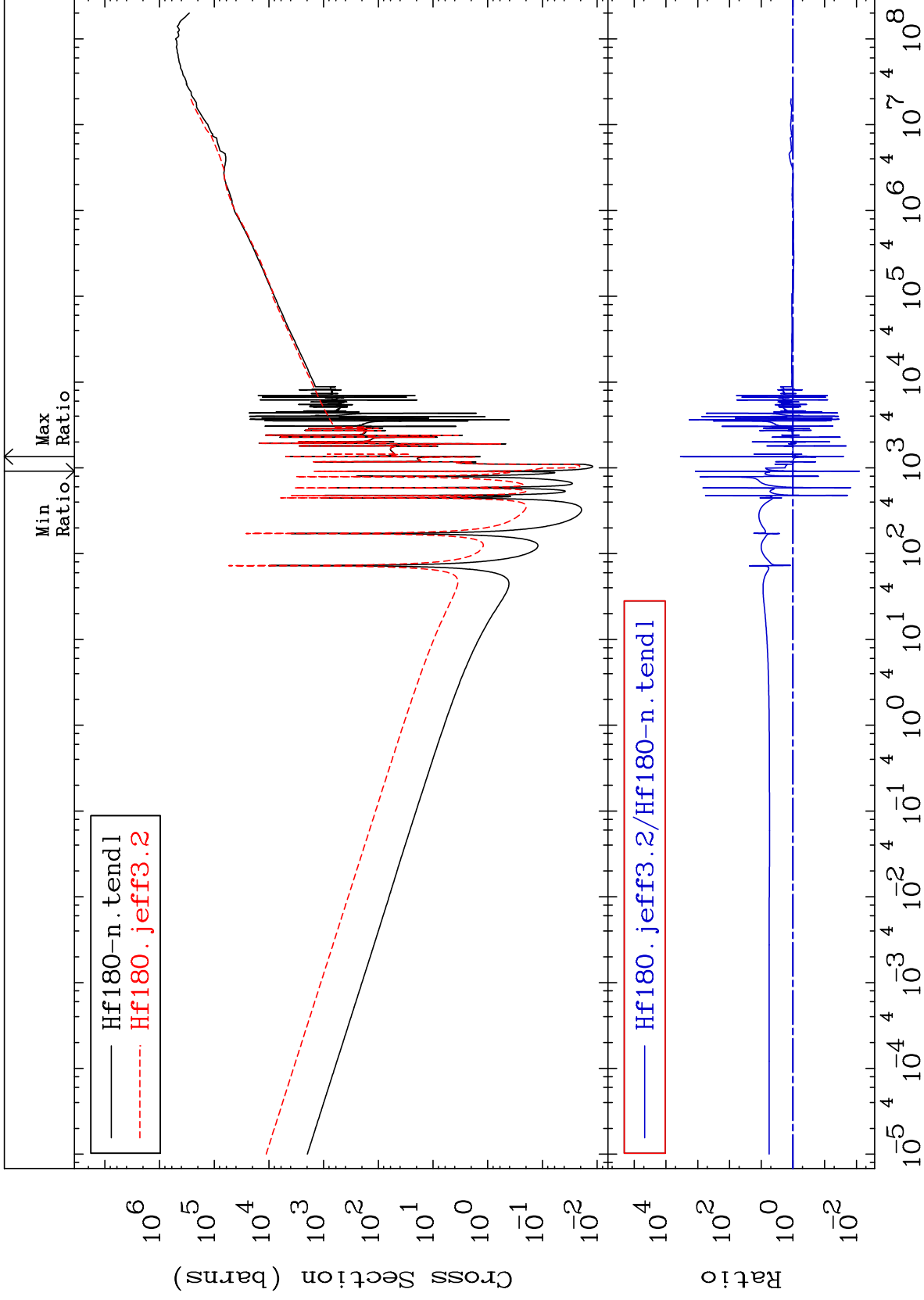
72-Hf-180  
-99.95 To 9999. %



30

Incident Energy (eV)

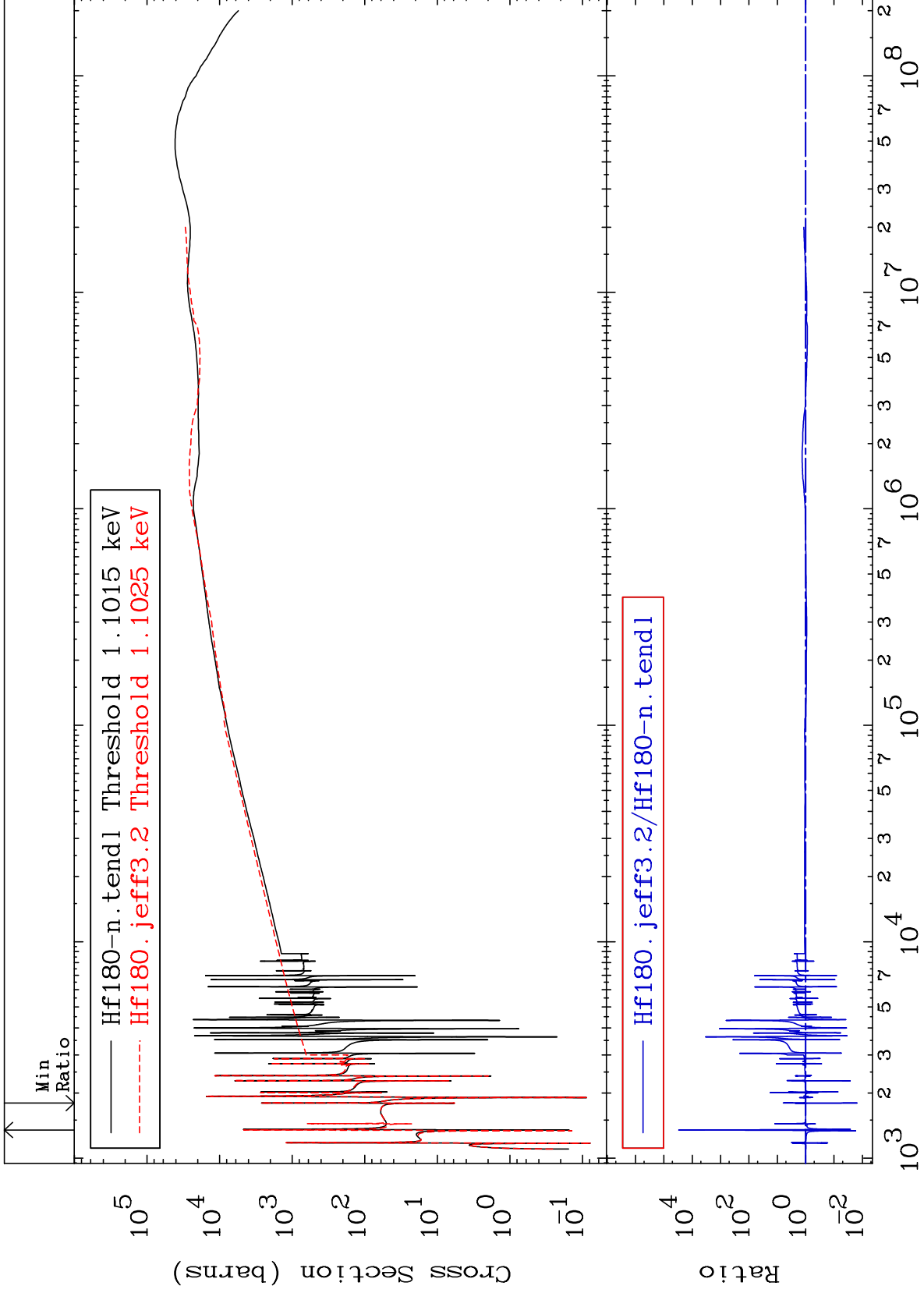
72-Hf-180



MAT 7243

Dpa elastic (mt2)  
Cross Section

72-Hf-180  
-98.48 To 9999. %

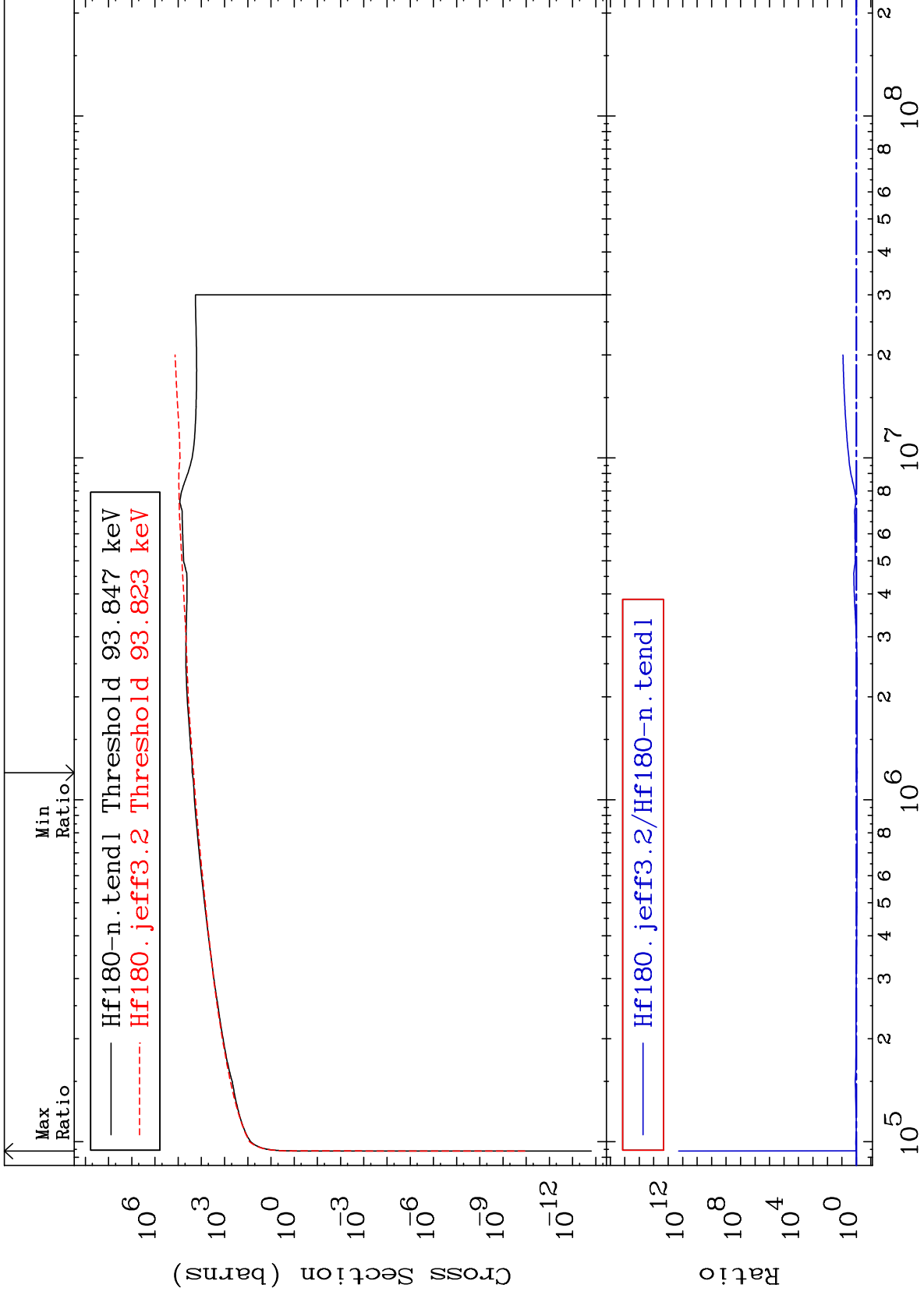


Incident Energy (eV)

72-Hf-180

32





MAT 7243

Dpa disappearance (mt102 -120)  
Cross Section

72-Hf-180  
-99.93 To 9999. %

