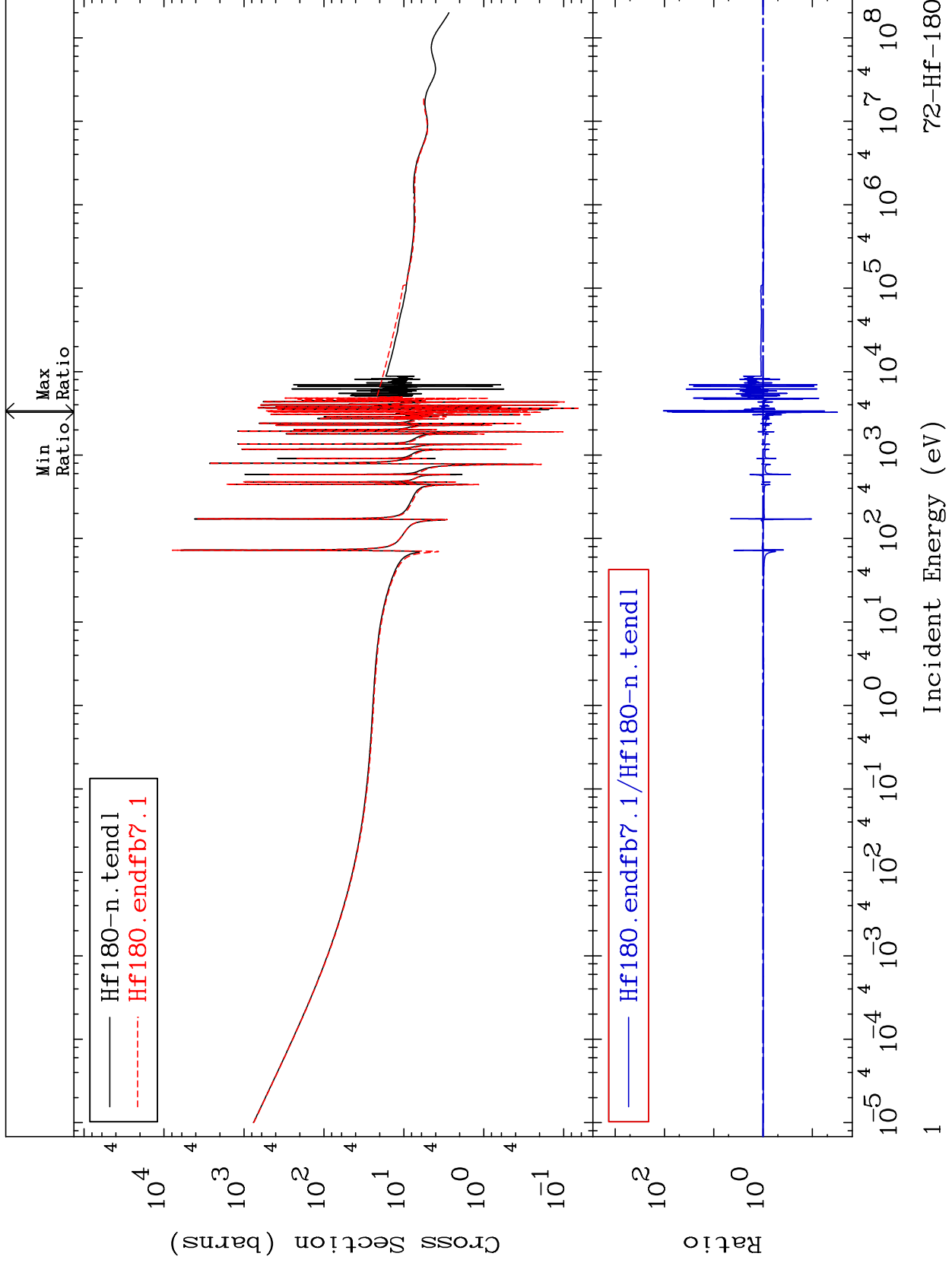


MAT 7243

Total
Cross Section

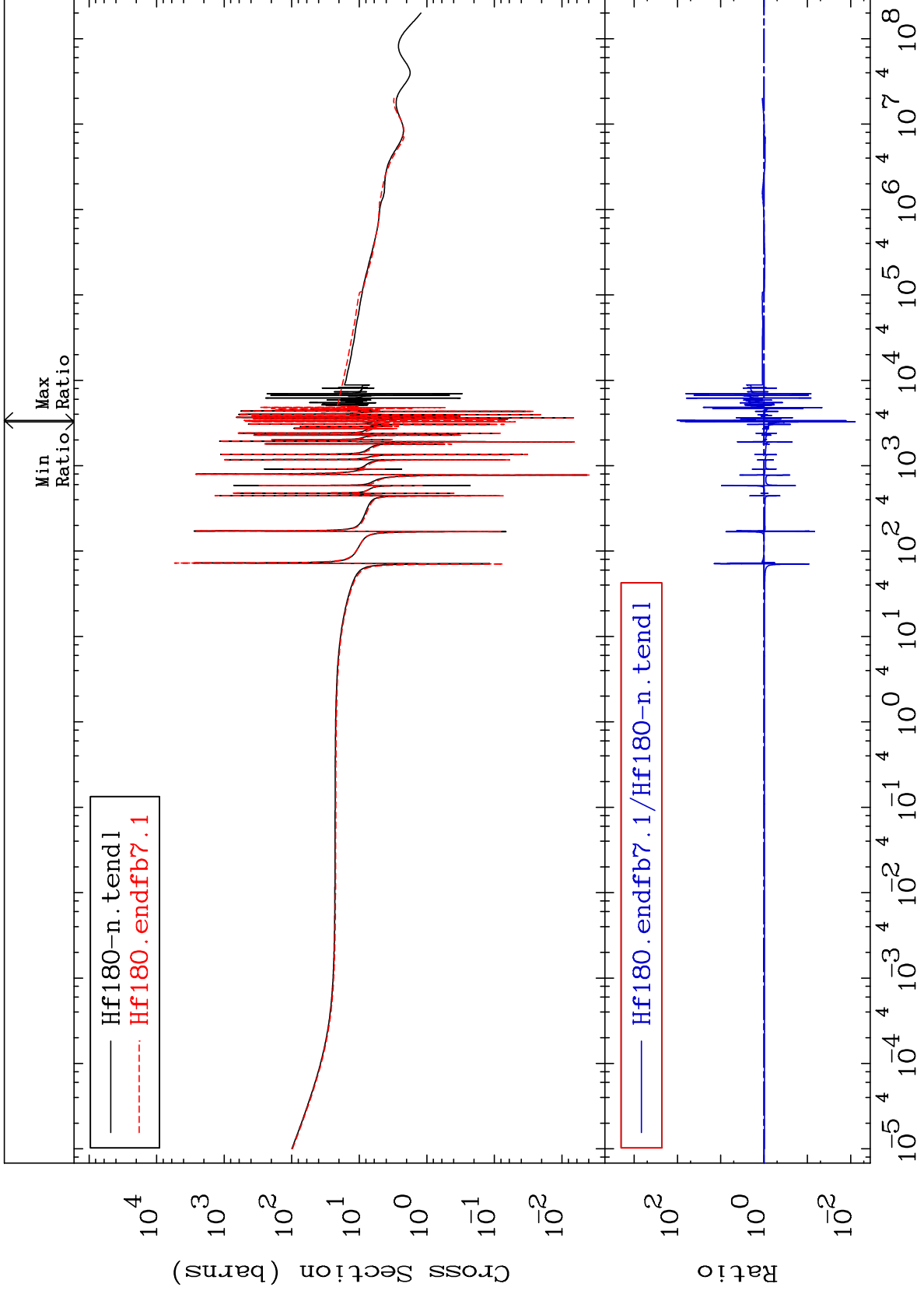
72-Hf-180
-96.90 To 9999. %



MAT 7243

Elastic
Cross Section

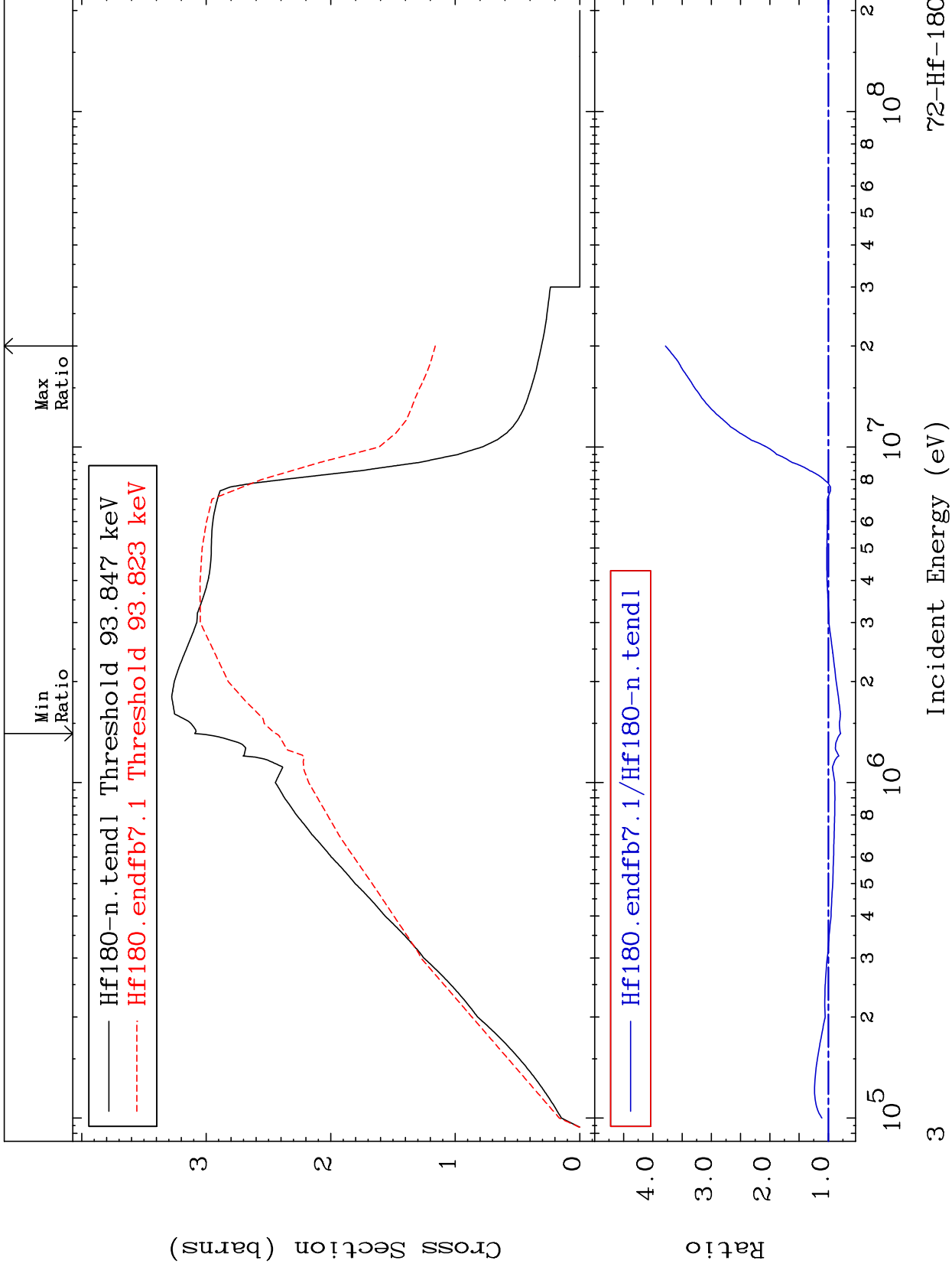
72-Hf-180
-99.21 To 9999. %



MAT 7243

Inelastic
Cross Section

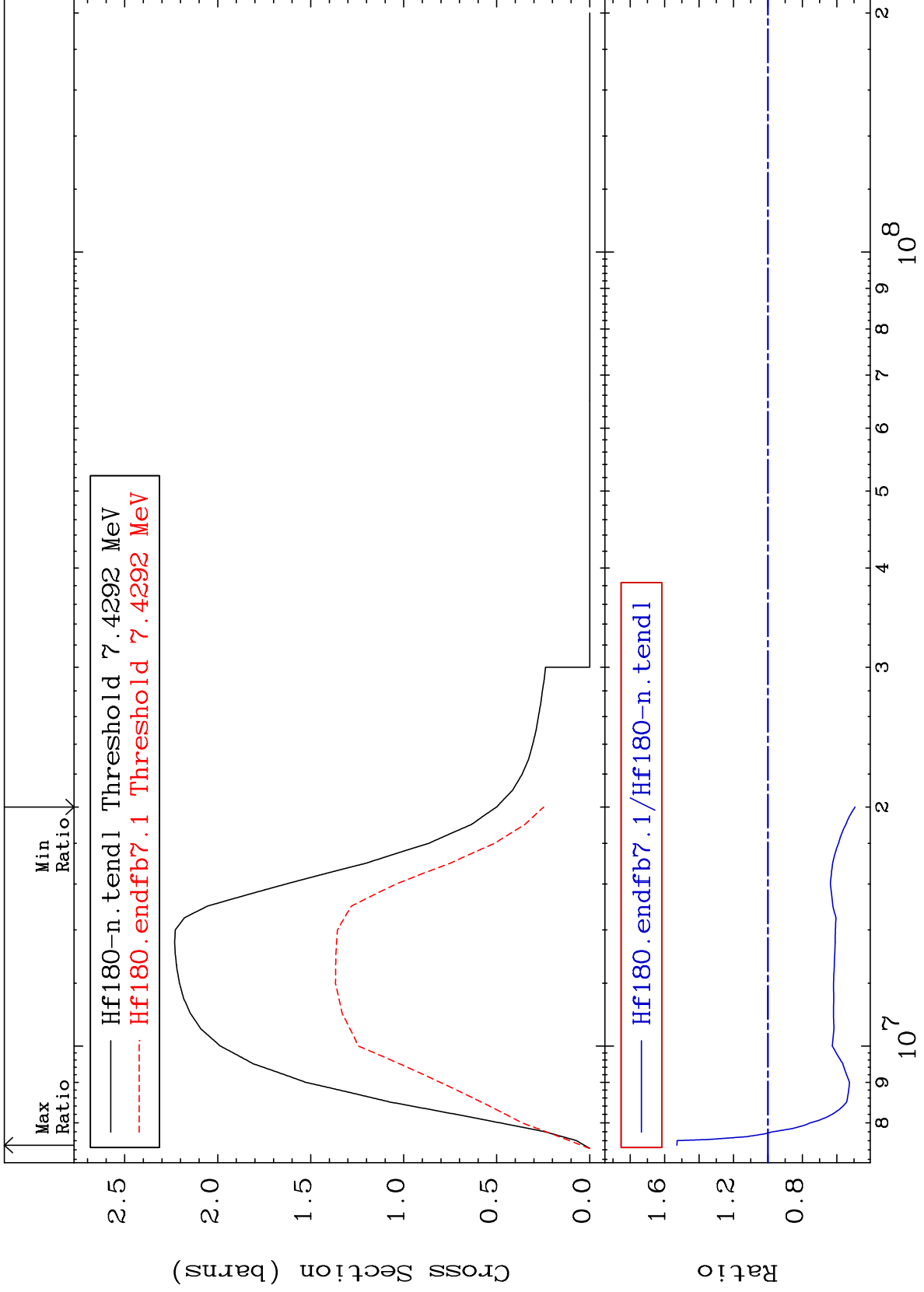
72-Hf-180
-21.07 To 278.4 %



MAT 7243

(n,2n)
Cross Section

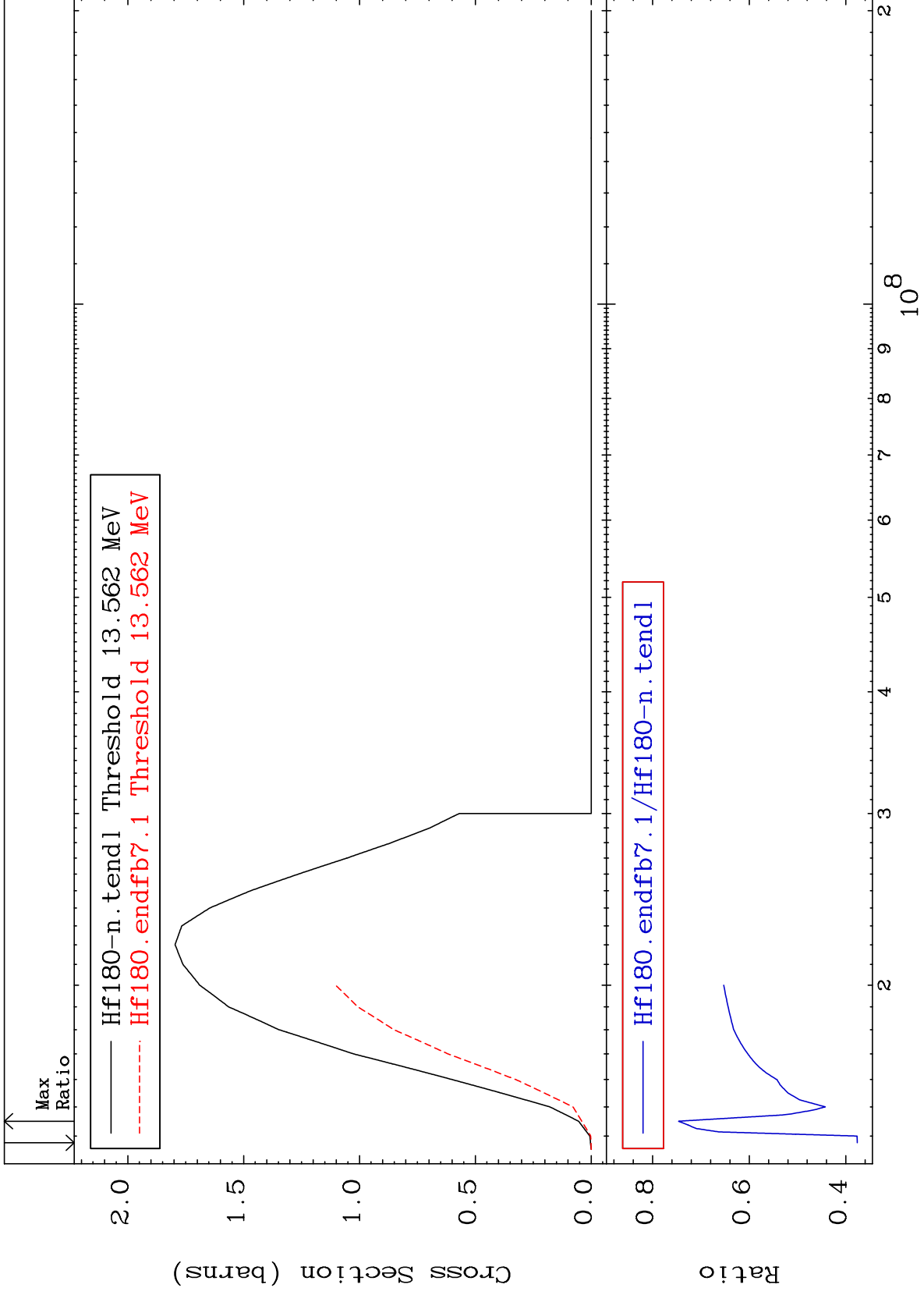
⁷²Hf-180
-50.61 To 52.87 %



MAT 7243

(n,3n)
Cross Section

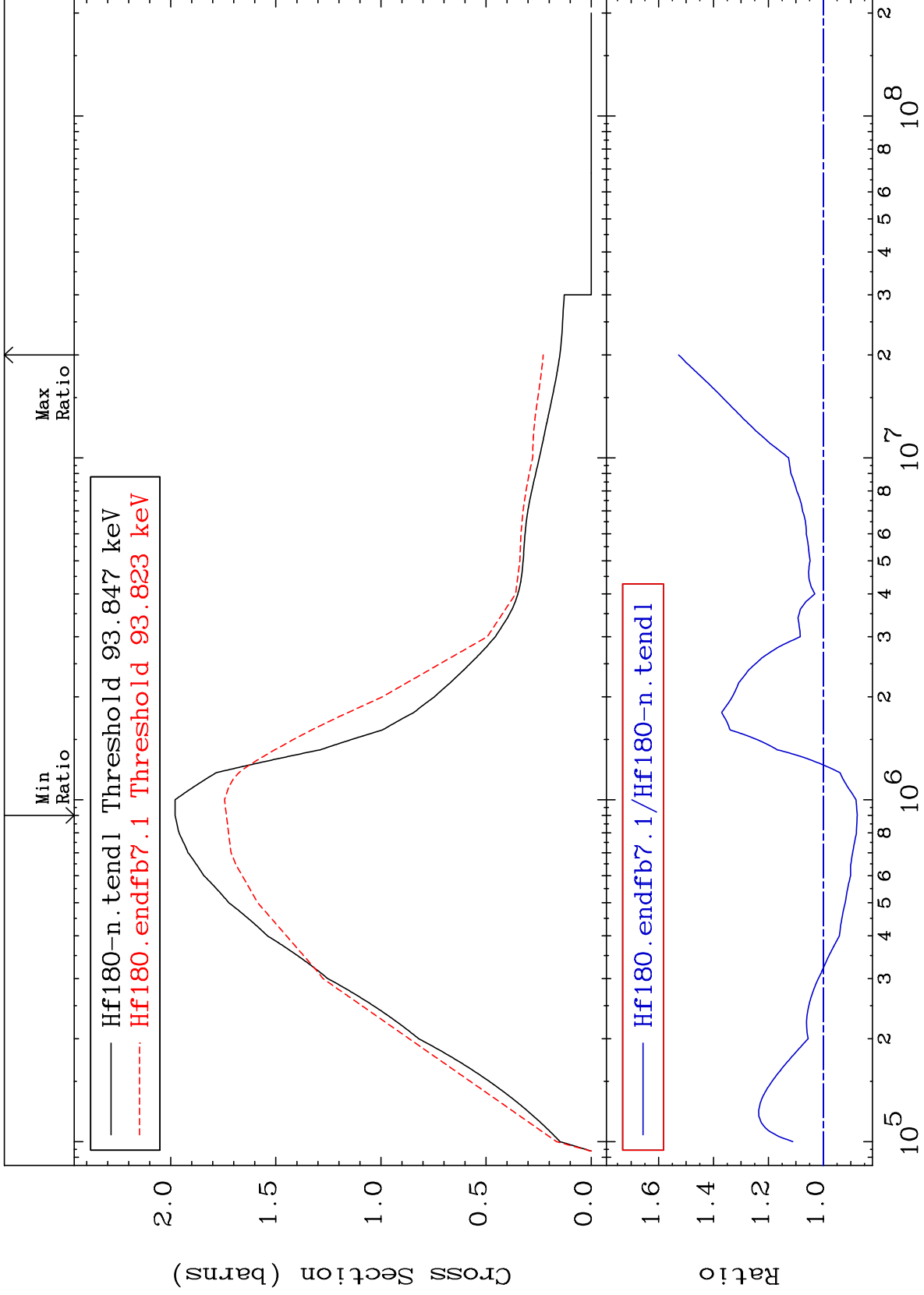
⁷²Hf-180
-62.36 To -25.38%



MAT 7243

93.32 keV (n,n') Level
Cross Section

72-Hf-180
-12.35 To 52.68 %



Incident Energy (eV)

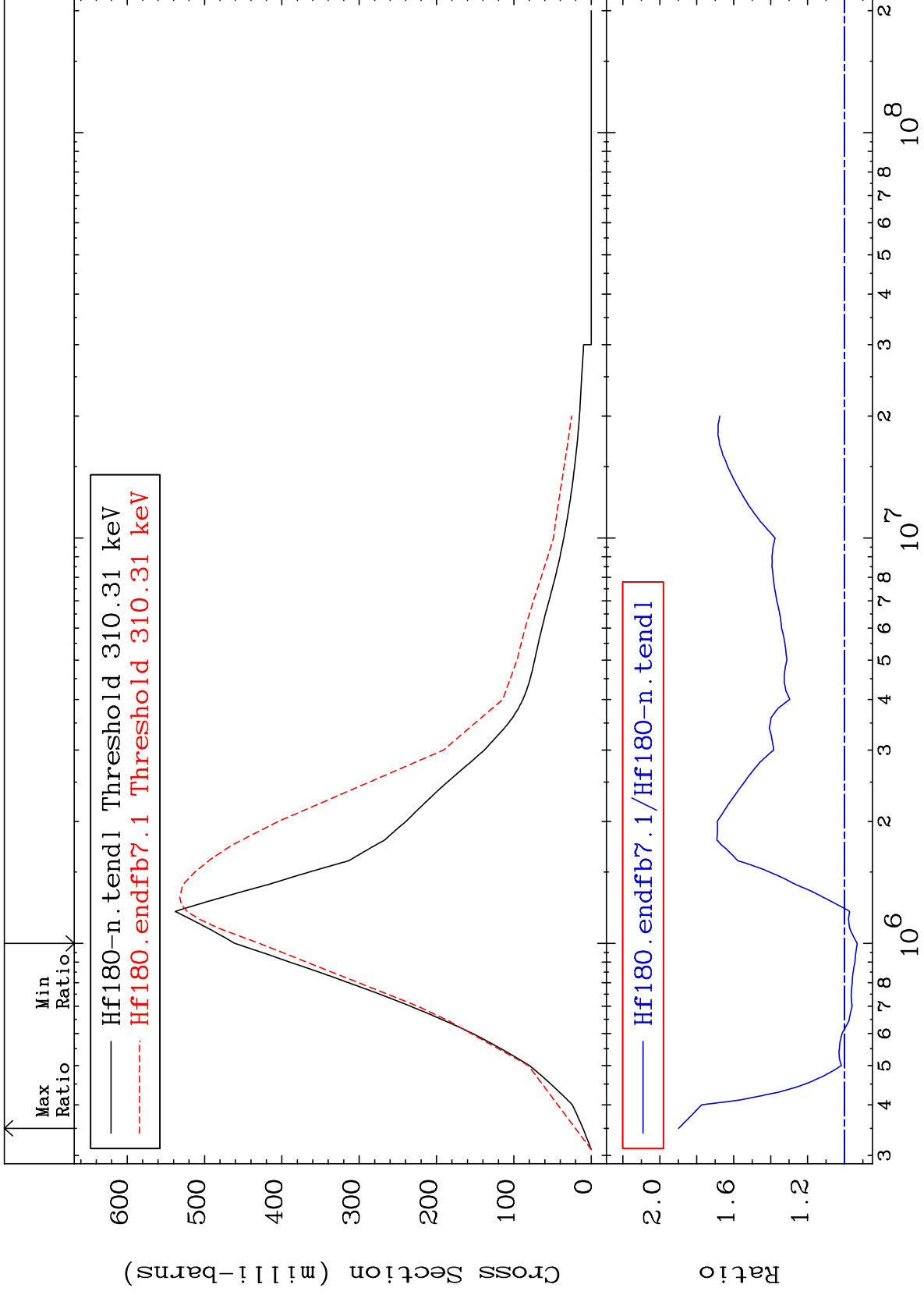
72-Hf-180

6

MAT 7243

308.6 keV (n,n') Level
Cross Section

72-Hf-180
-6.922 To 89.83 %



7

Incident Energy (eV)

72-Hf-180

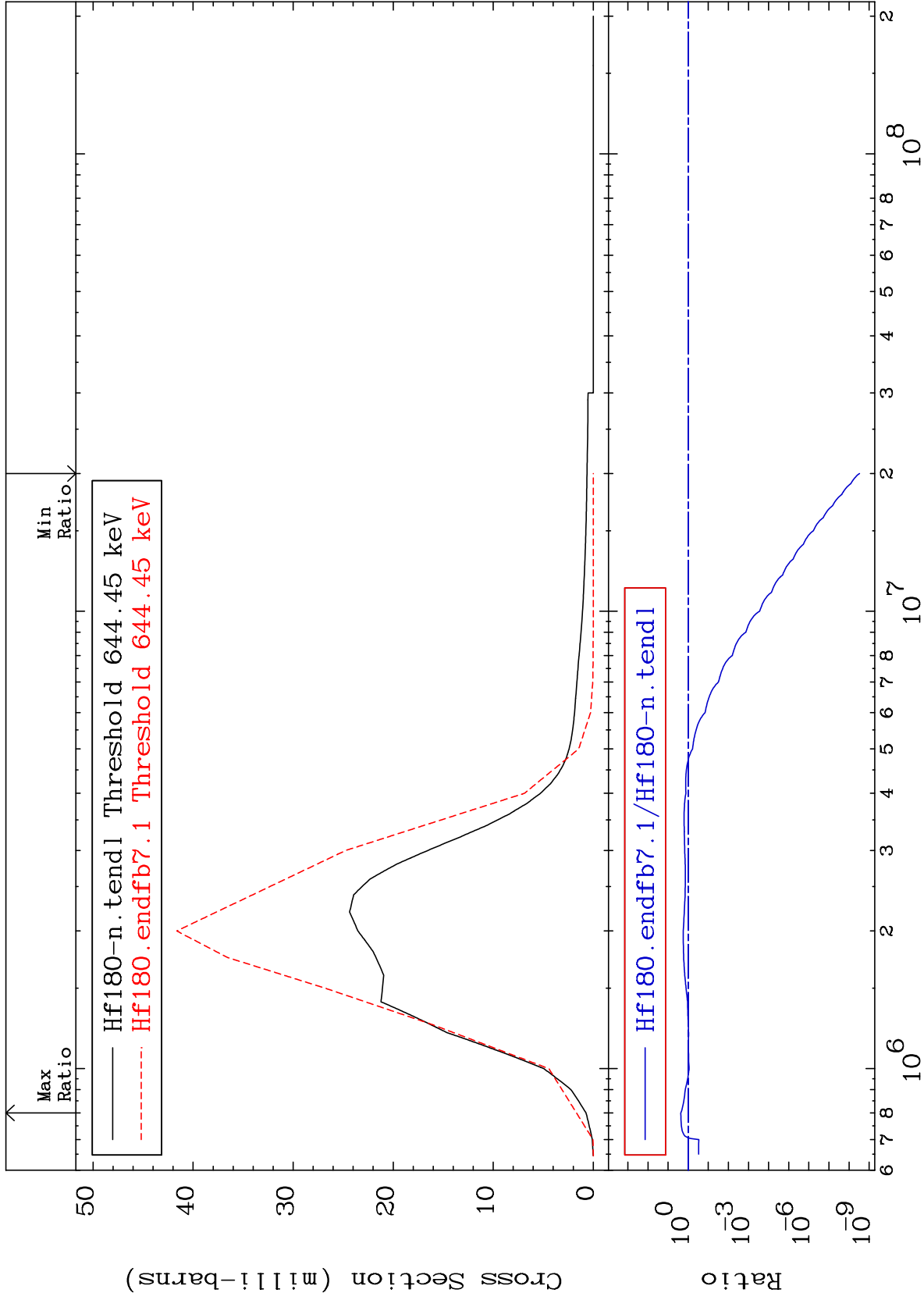
MAT 7243

640.9 keV (n,n') Level

⁷²Hf-180

-100.0 To 133.2 %

Cross Section



Incident Energy (eV)

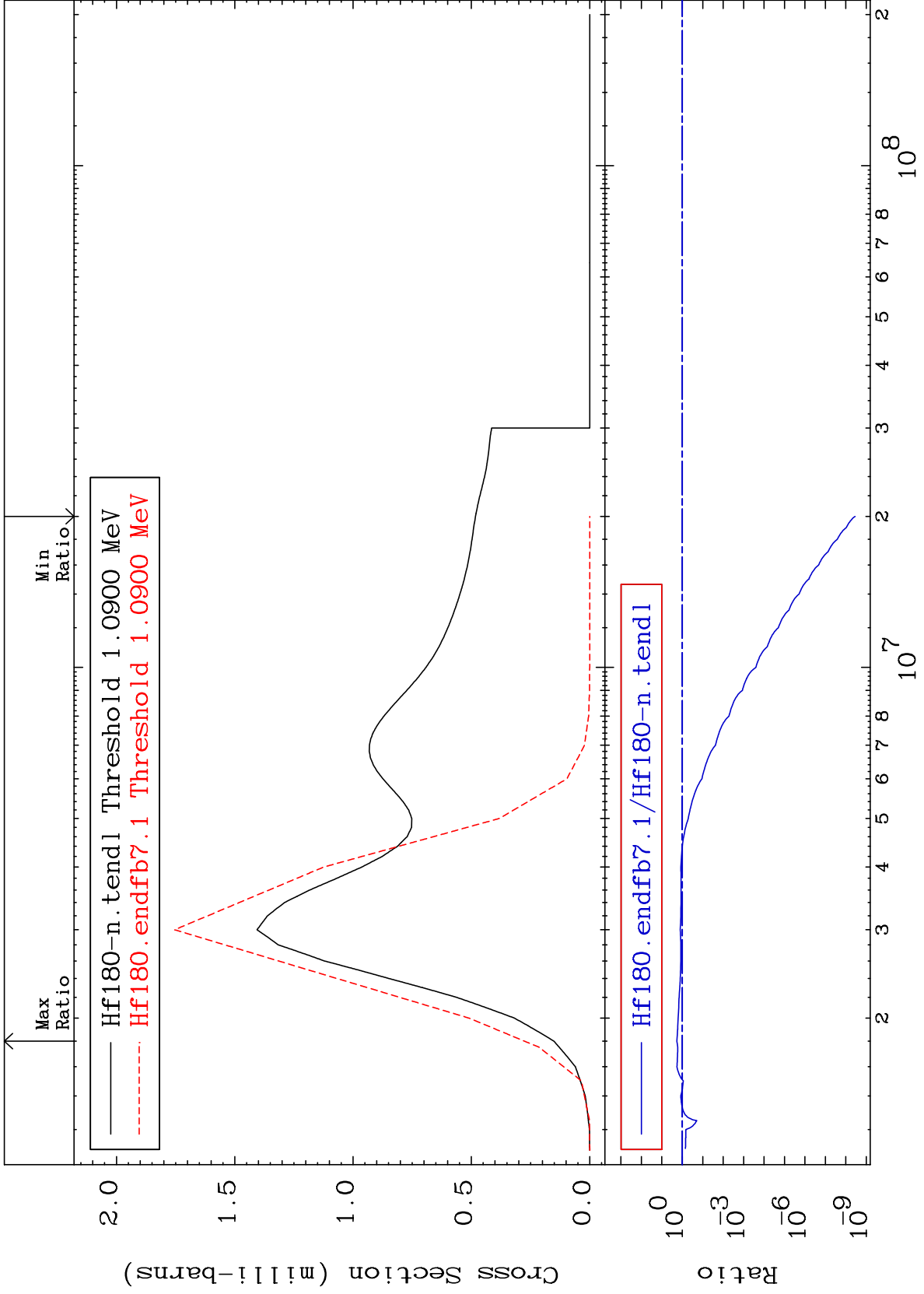
⁷²Hf-180

8

MAT 7243

1.084 MeV (n,n') Level
Cross Section

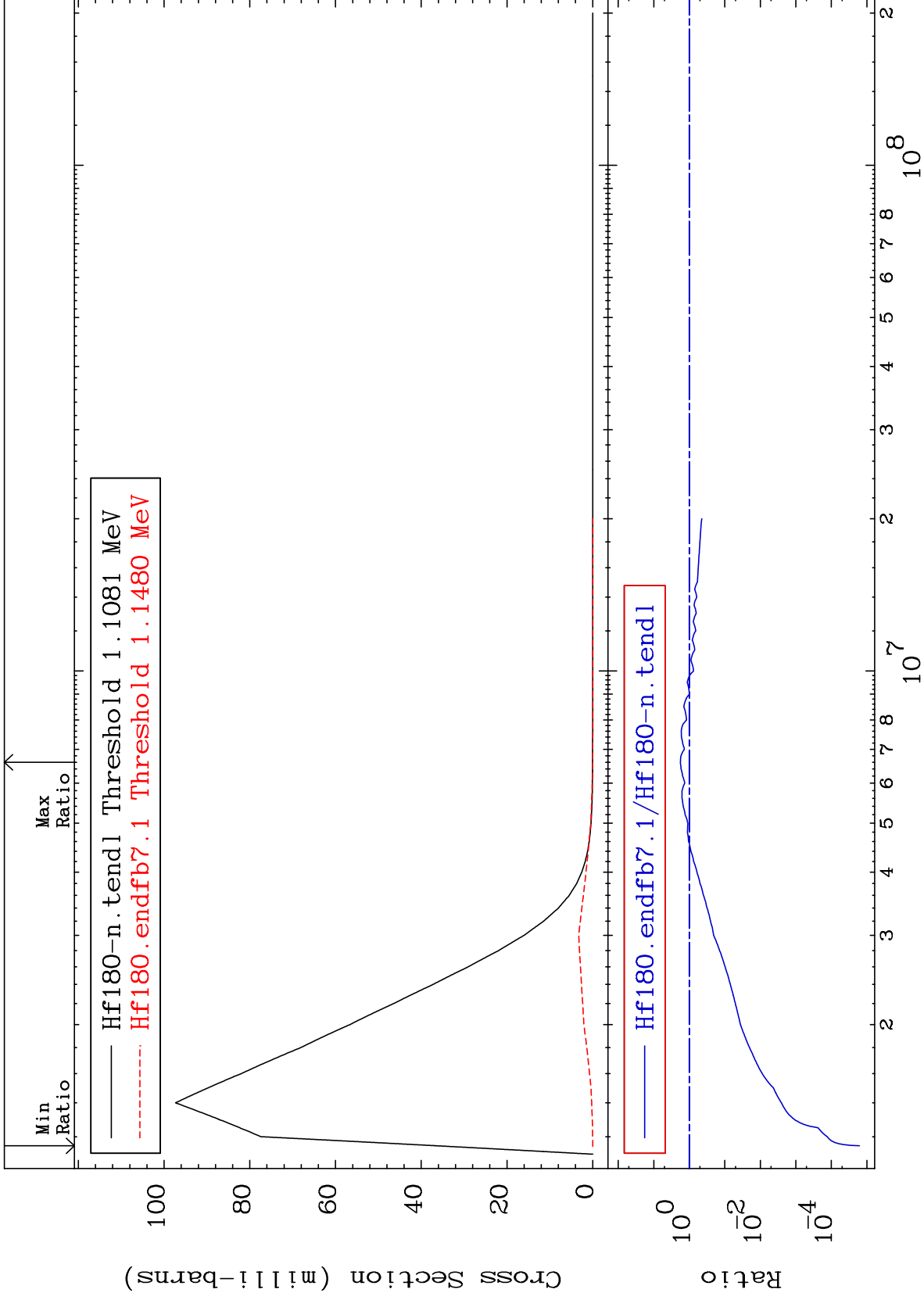
72-Hf-180
-100.0 To 82.51 %



MAT 7243

1.102 MeV (n,n') Level
Cross Section

72-Hf-180
-100.0 To 78.12 %



10

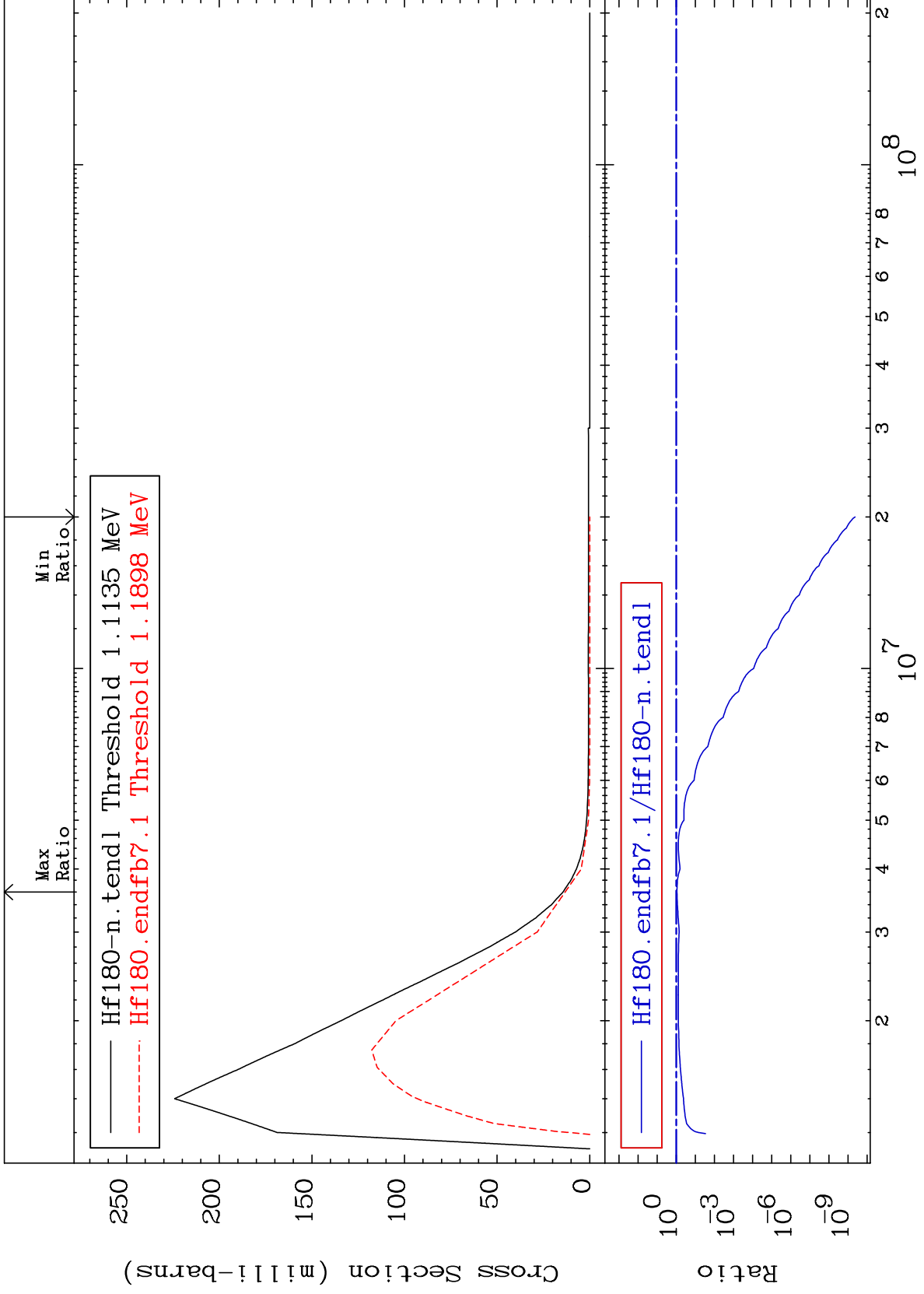
Incident Energy (eV)

72-Hf-180

MAT 7243

1.107 MeV (n,n') Level
Cross Section

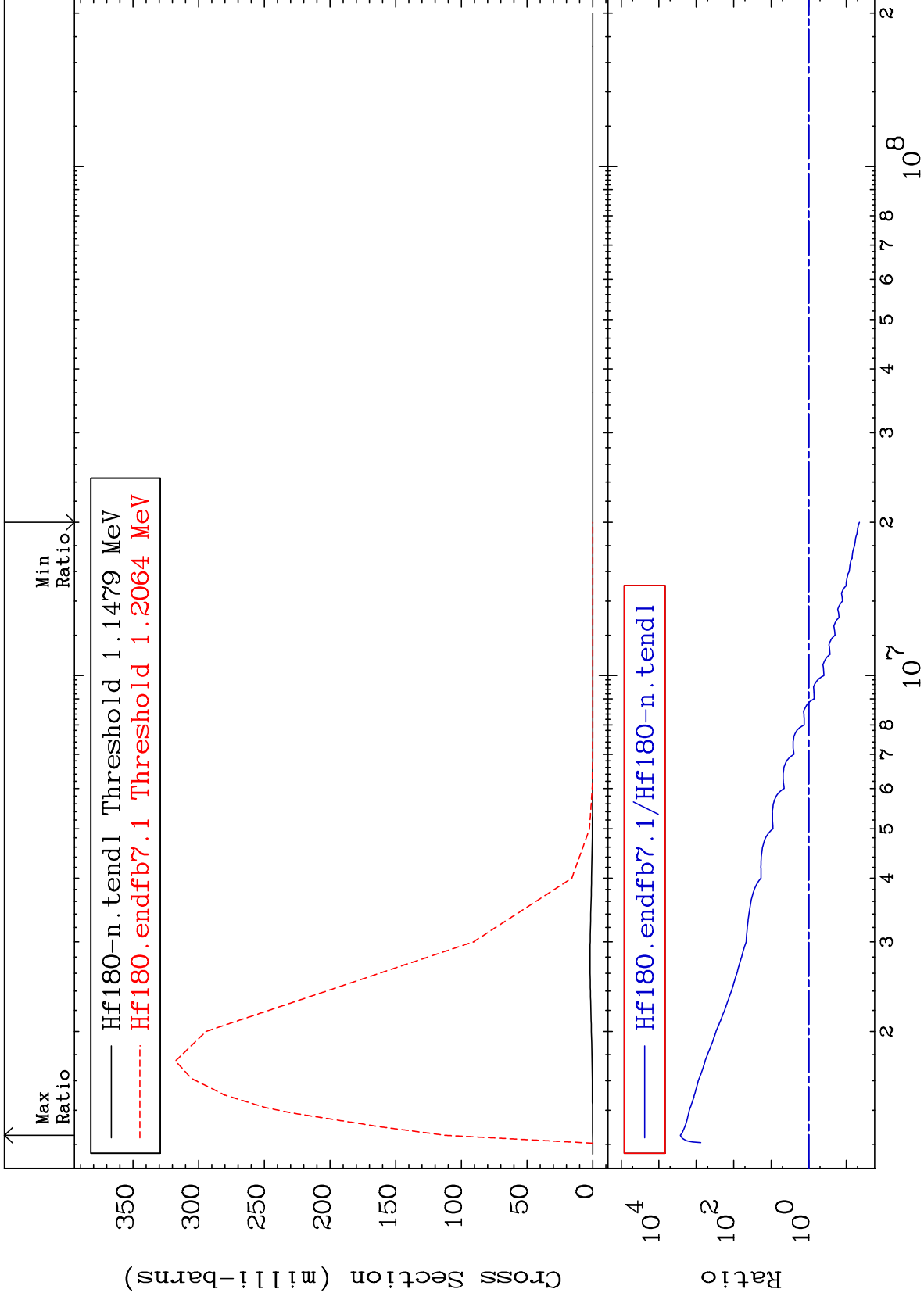
⁷²Hf-180
-100.0 To -8.078%



MAT 7243

1.142 MeV (n,n') Level
Cross Section

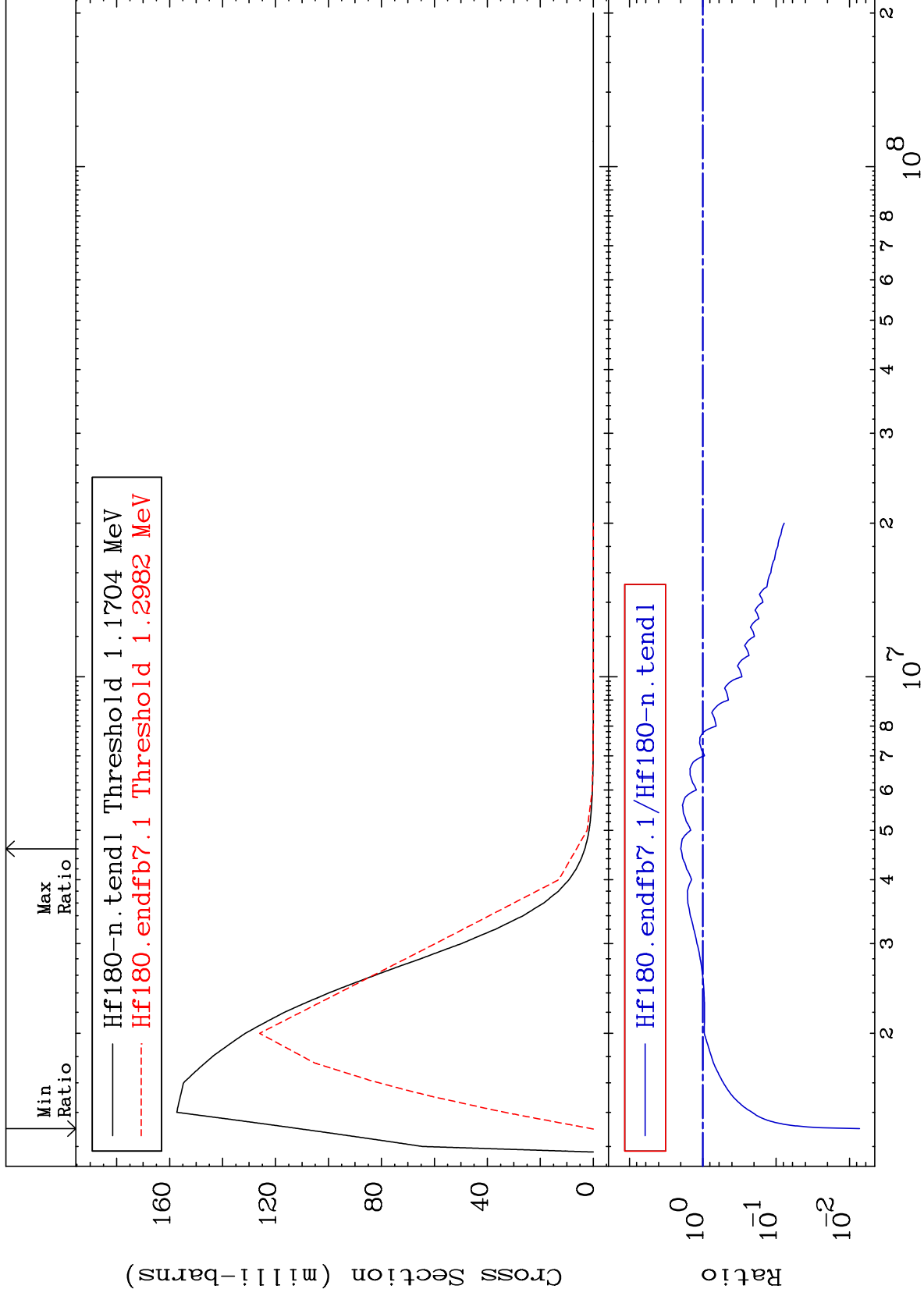
72-Hf-180
-95.54 To 9999. %



MAT 7243

1.164 MeV (n,n') Level
Cross Section

72-Hf-180
-99.27 To 99.83 %



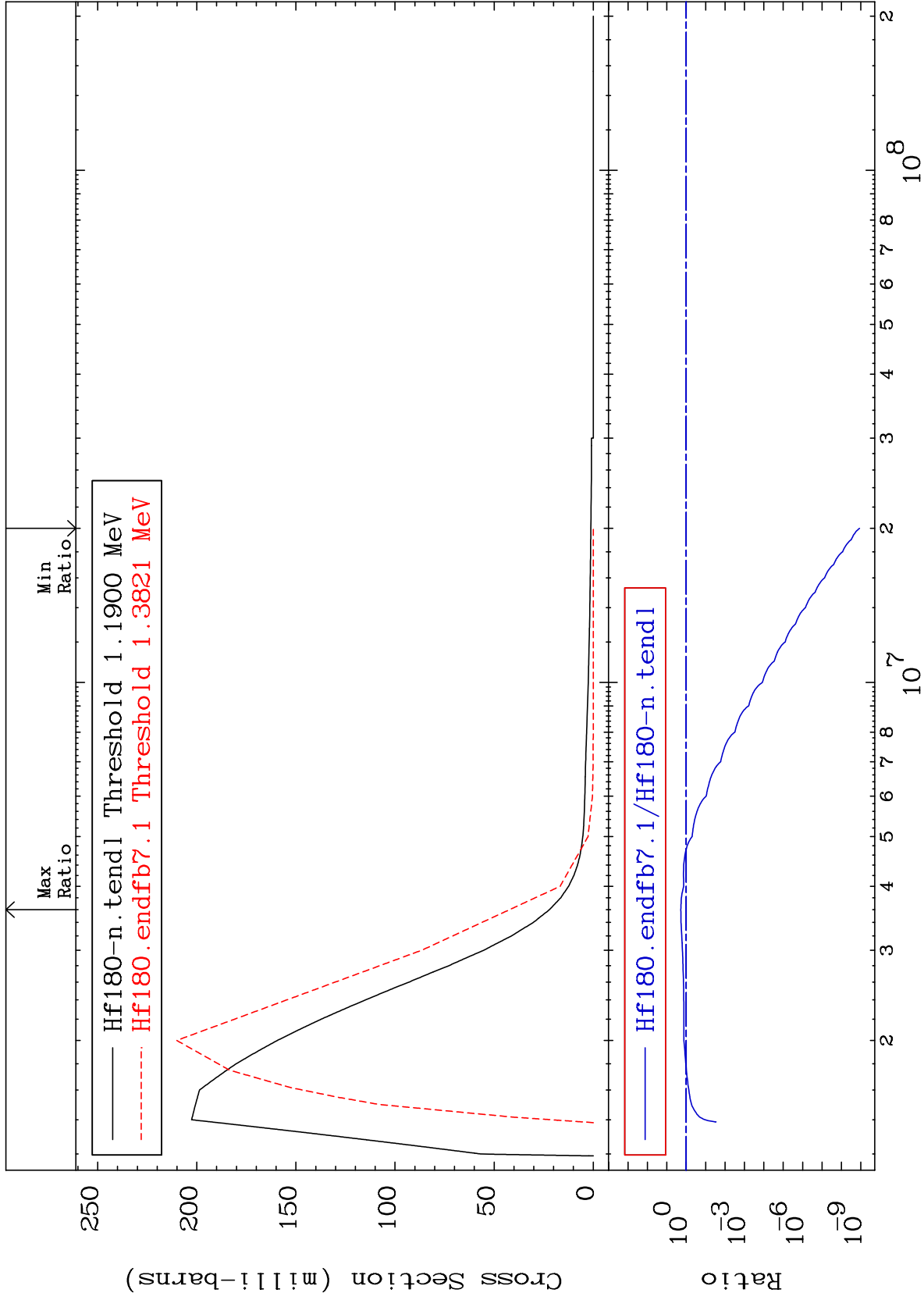
MAT 7243

1.183 MeV (n,n') Level

⁷²Hf-180

-100.0 To 91.42 %

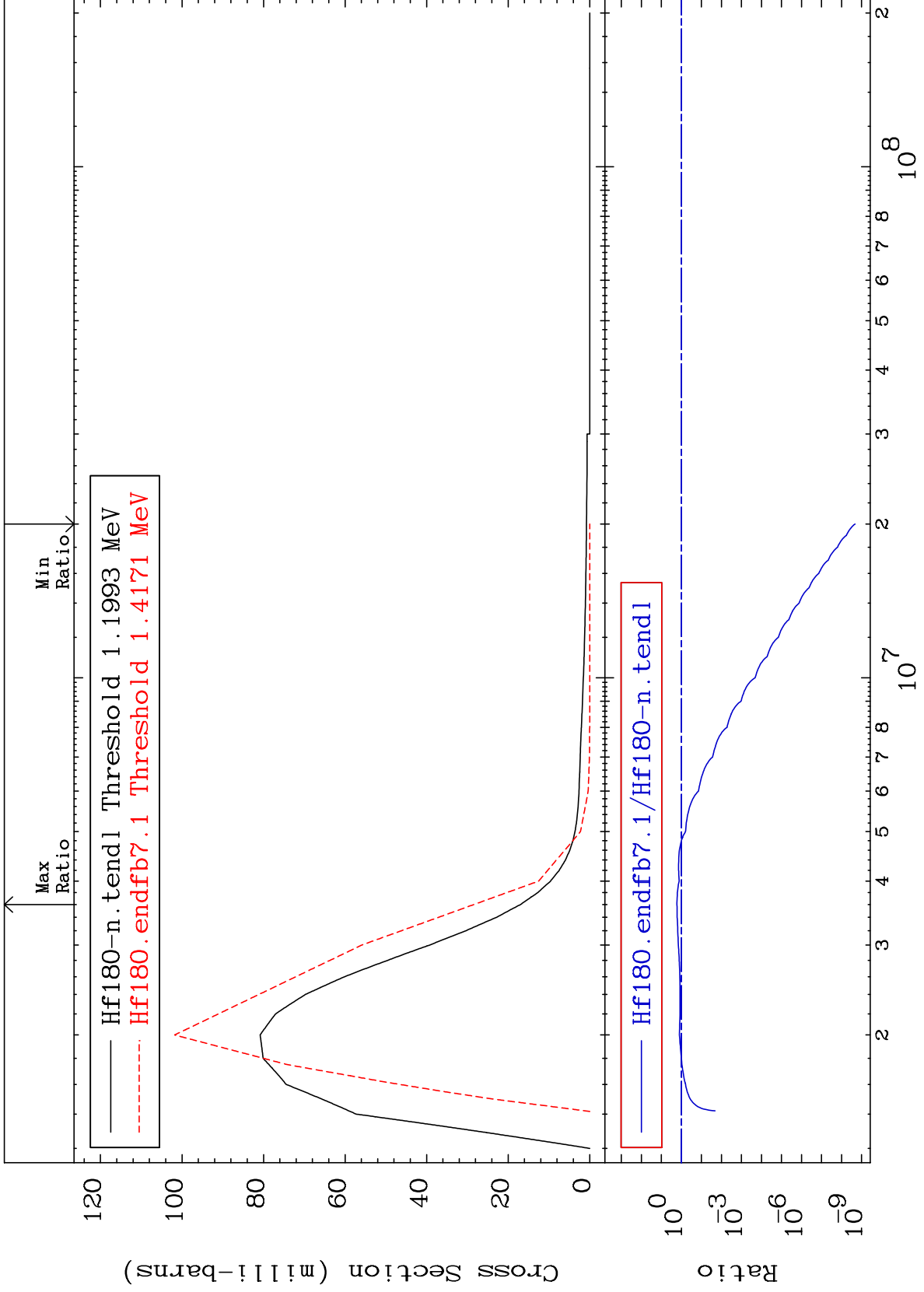
Cross Section



MAT 7243

1.193 MeV (n,n') Level
Cross Section

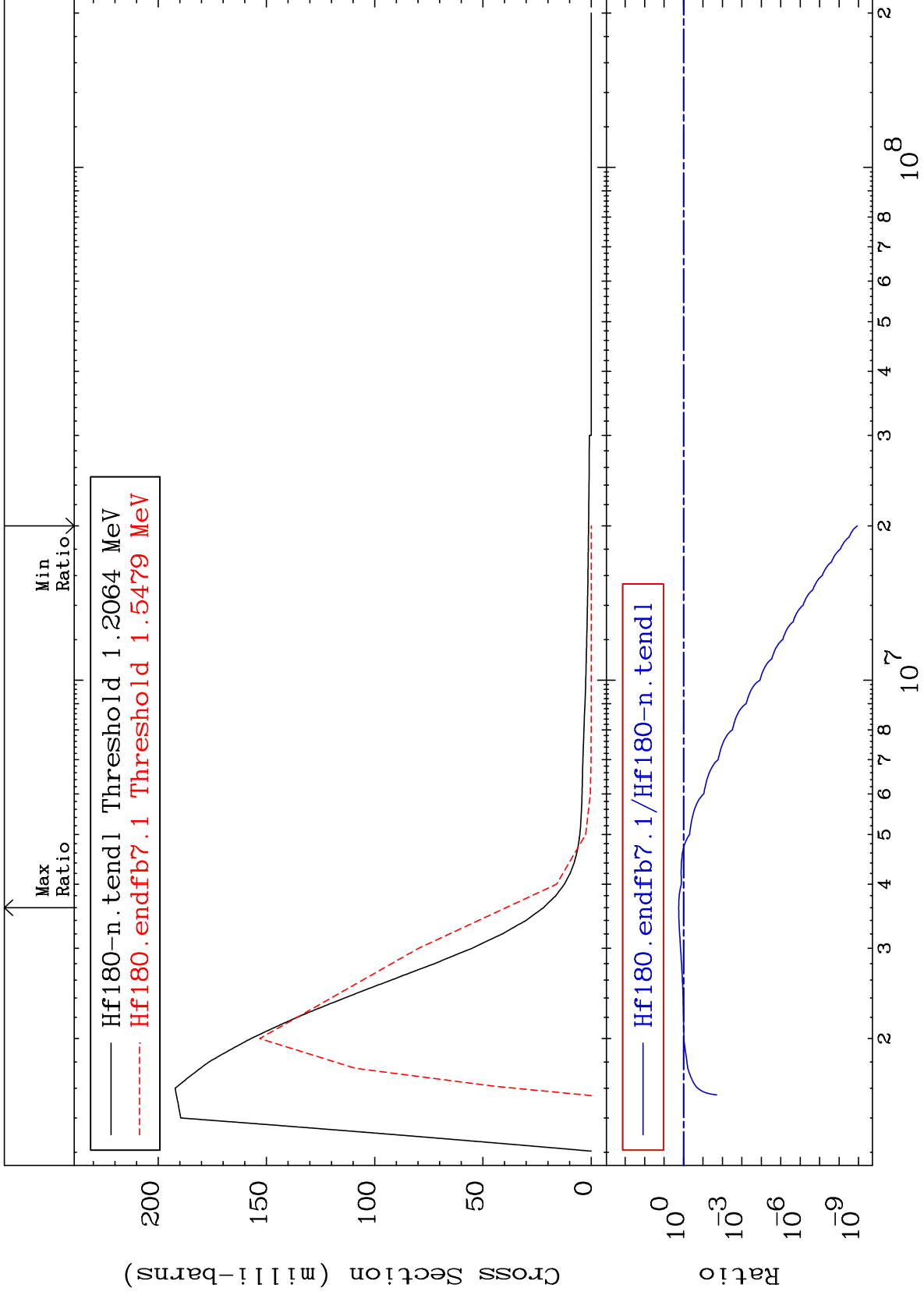
⁷²Hf-180
-100.0 To 67.33 %



MAT 7243

1.200 MeV (n,n') Level
Cross Section

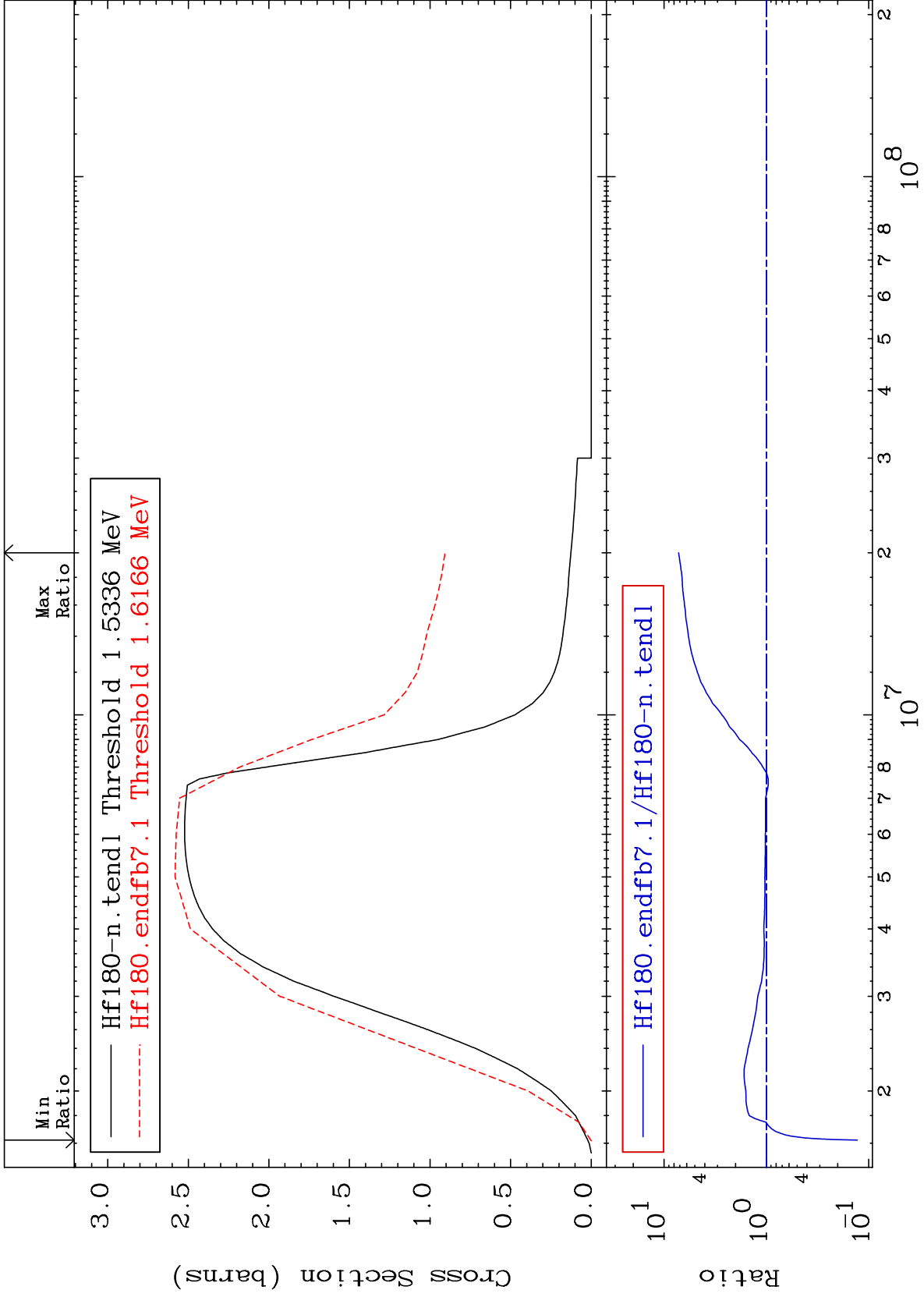
⁷²Hf-180
-100.0 To 78.58 %



MAT 7243

(n, n') Continuum
Cross Section

72-Hf-180
-87.09 To 619.9 %



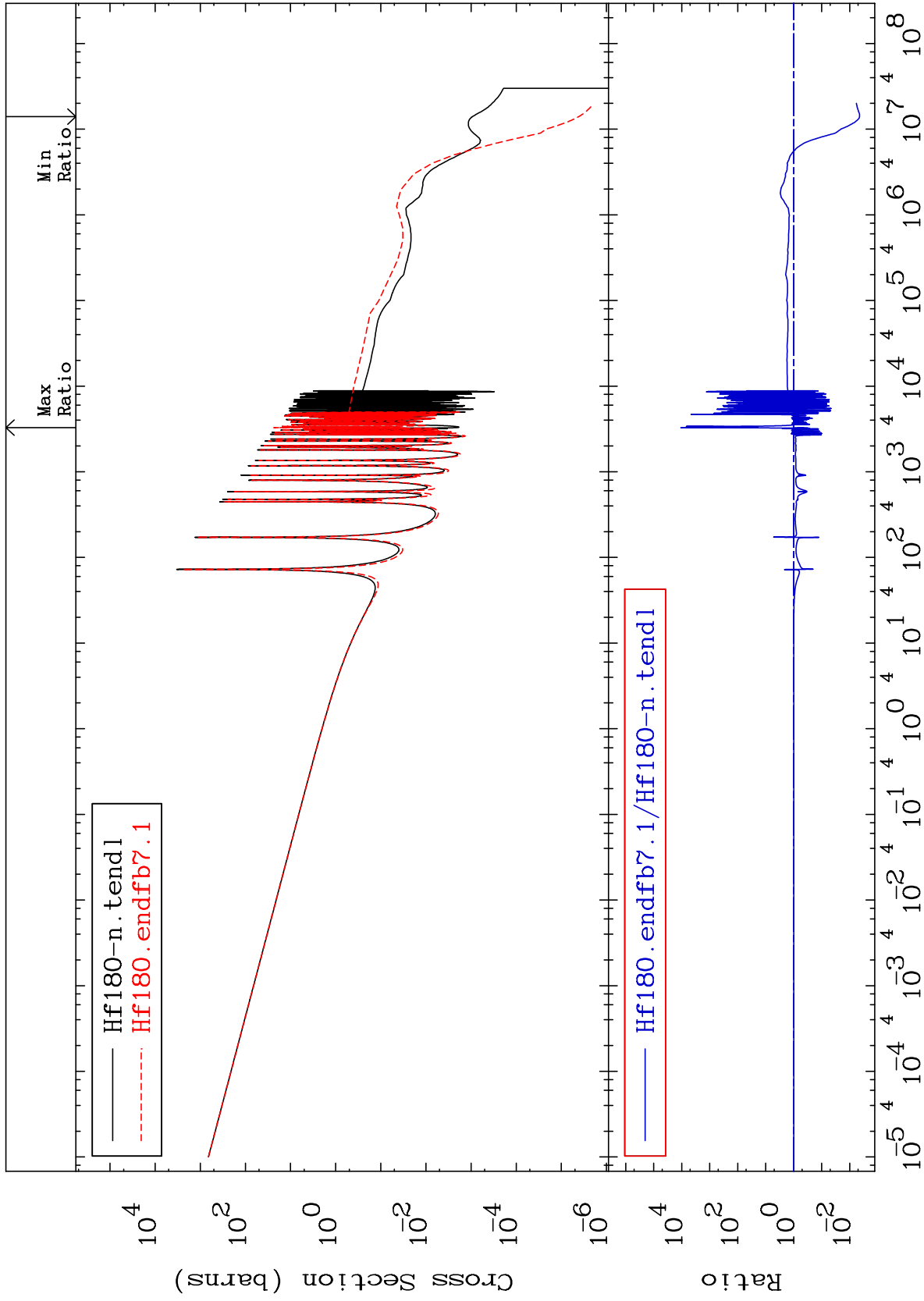
MAT 7243

(n, γ)

72-Hf-180

Cross Section

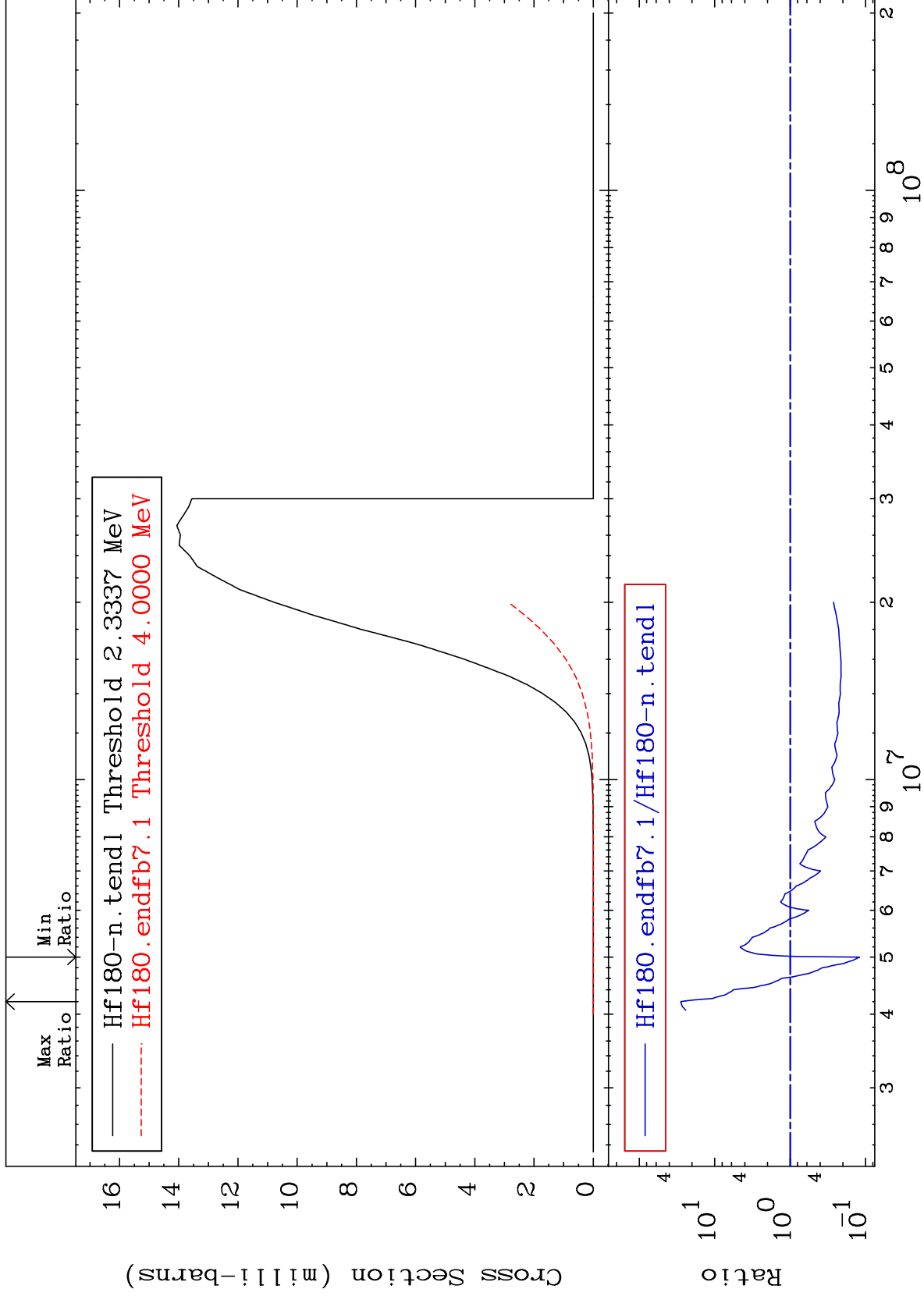
-99.56 To 9999. %



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Incident Energy (eV)

72-Hf-180



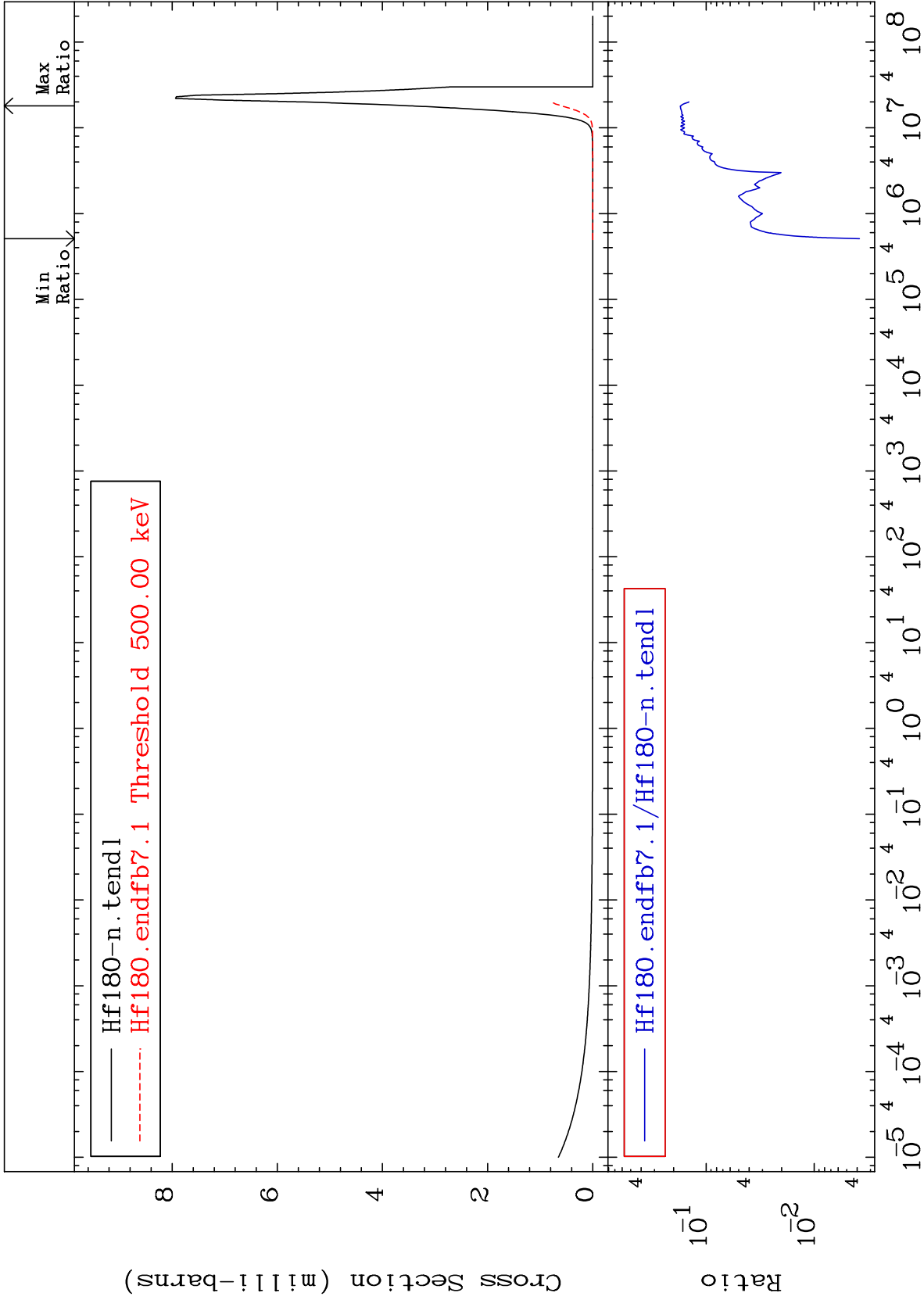
MAT 7243

(n, α)

72-Hf-180

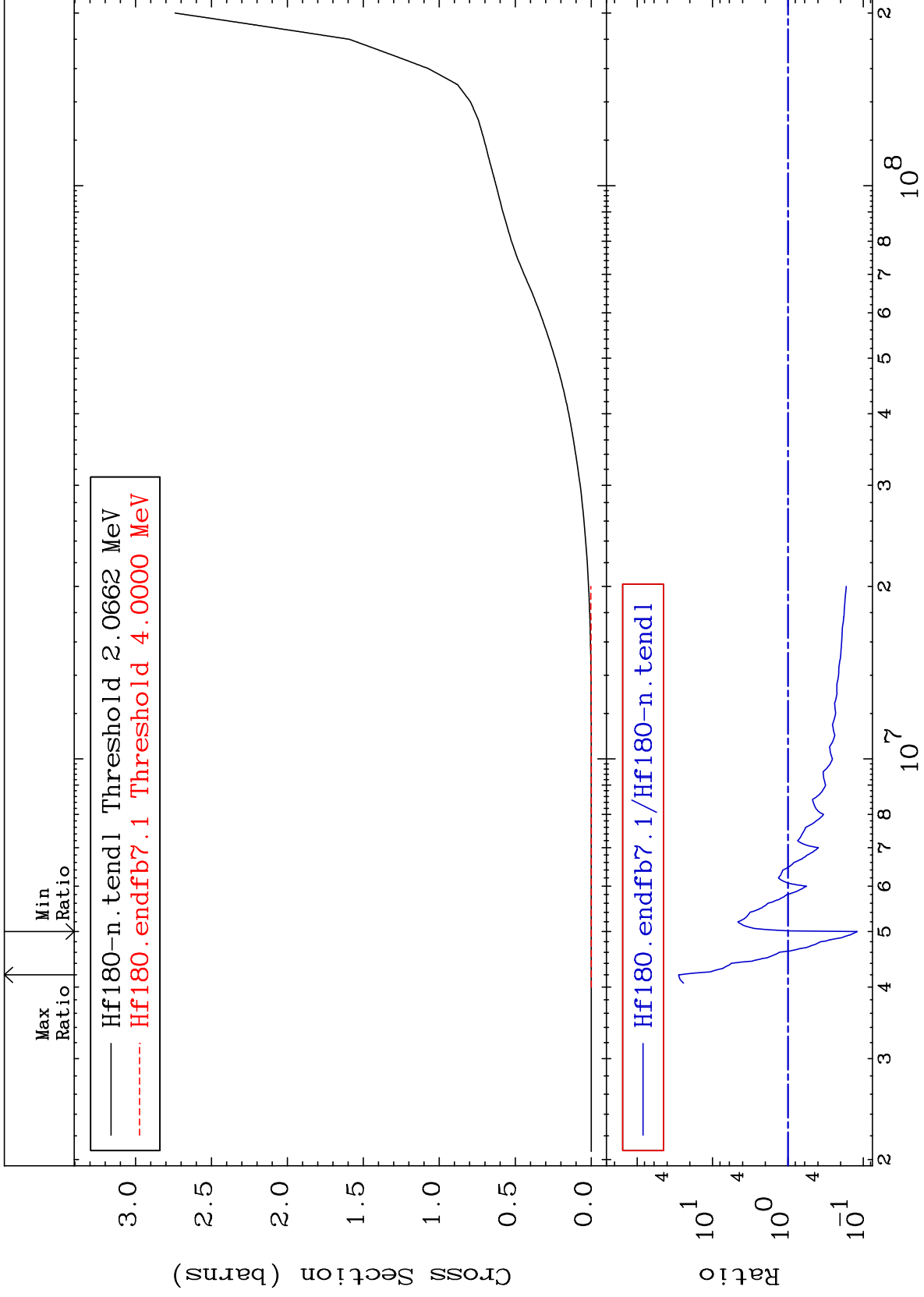
Cross Section

-99.62 To -82.69%



Incident Energy (eV)

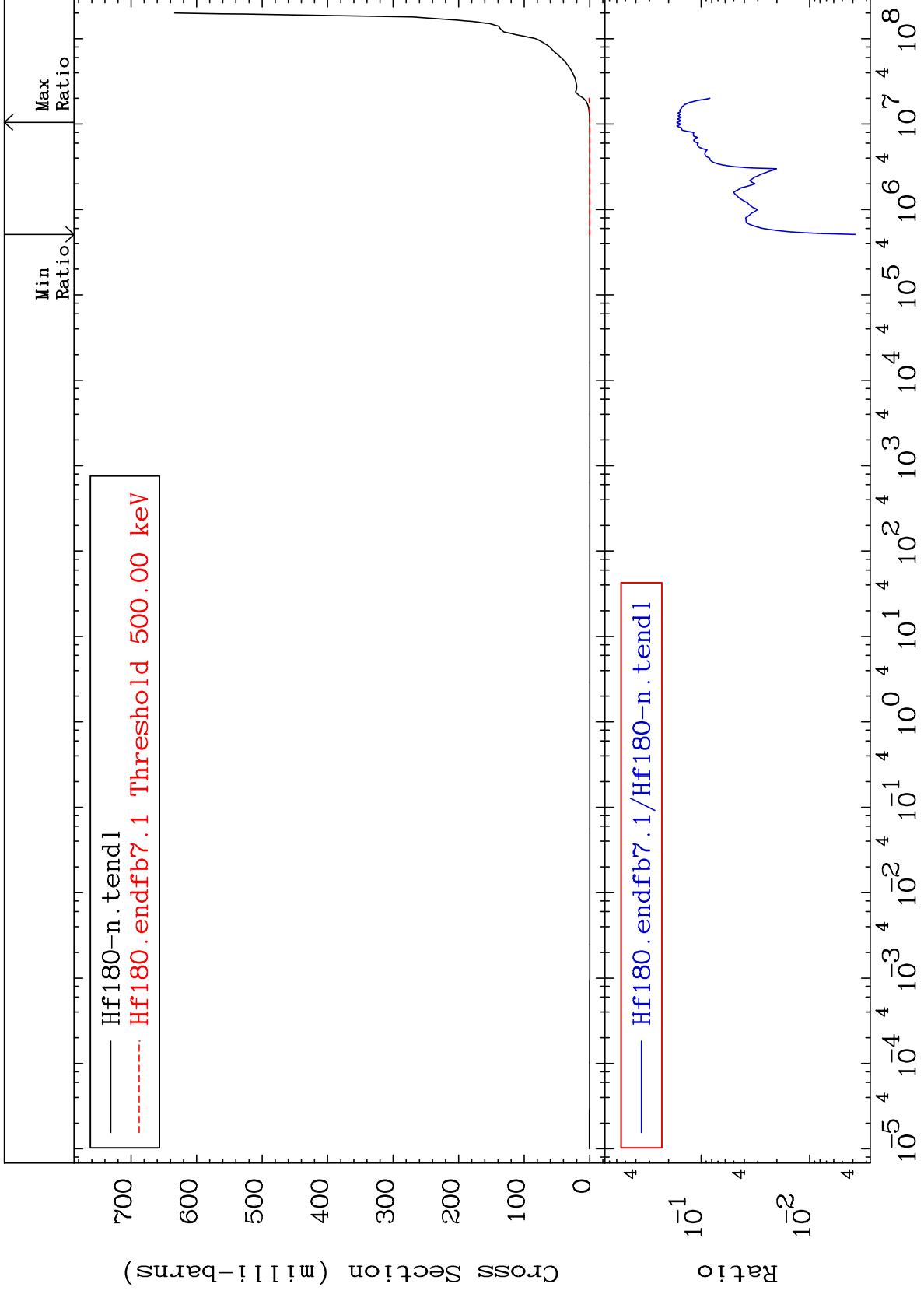
72-Hf-180



MAT 7243

He-4 Production
Cross Section

72-Hf-180
-99.62 To -83.27%



22

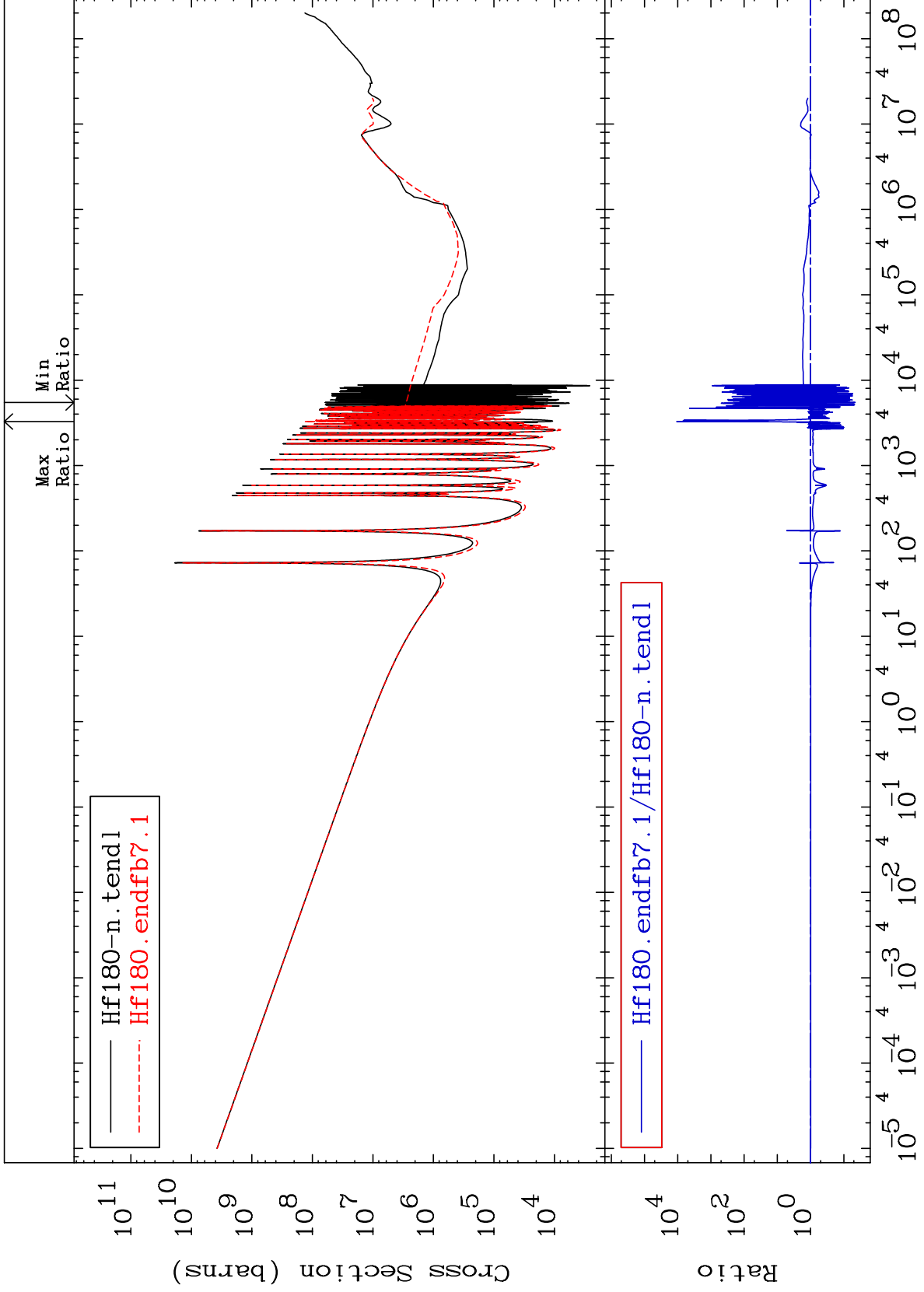
Incident Energy (eV)

72-Hf-180

MAT 7243

Kerma total (eV-barns)
Cross Section

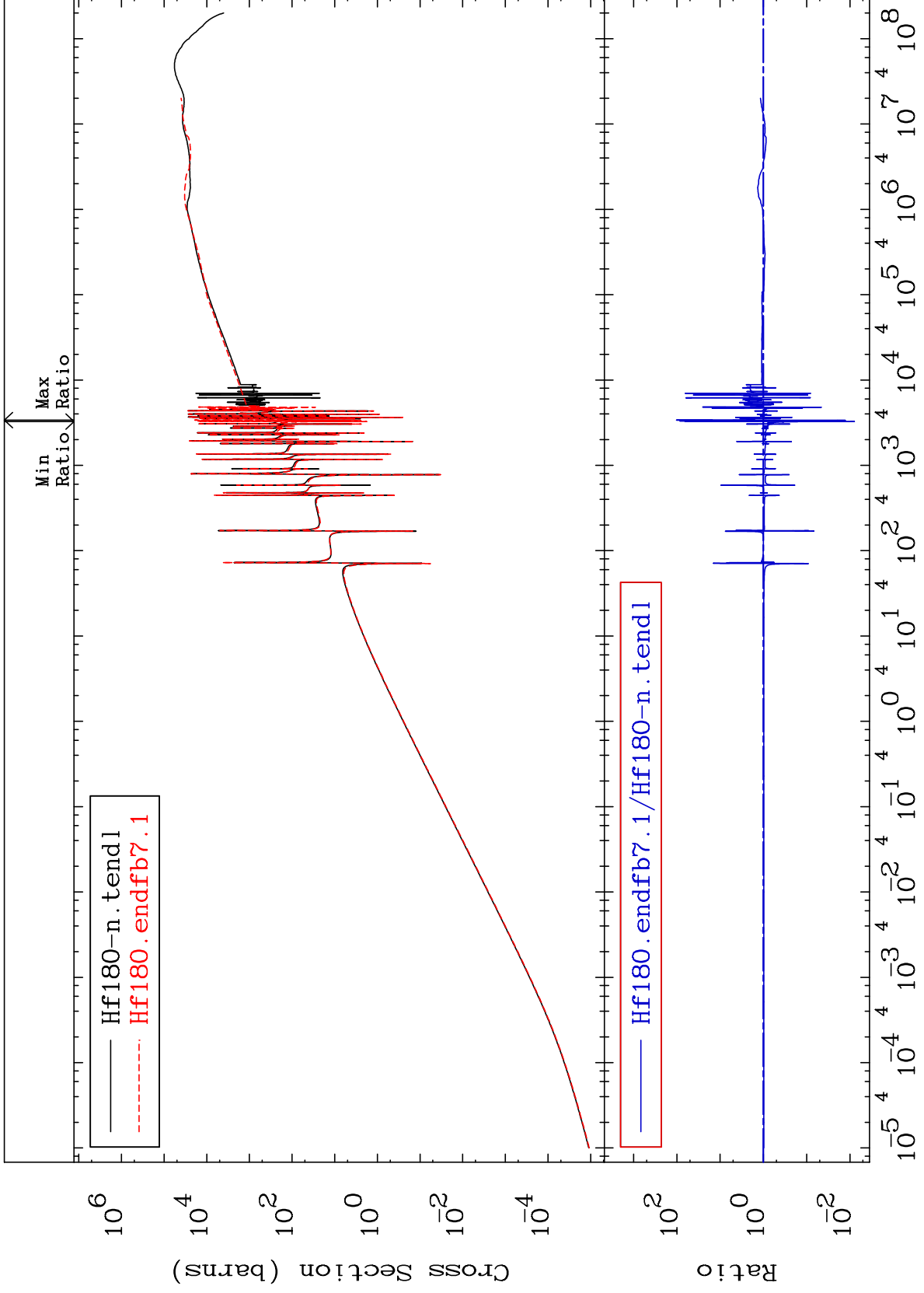
72-Hf-180
-95.43 To 9999. %



MAT 7243

Kerma elastic
Cross Section

72-Hf-180
-99.21 To 9999. %



24

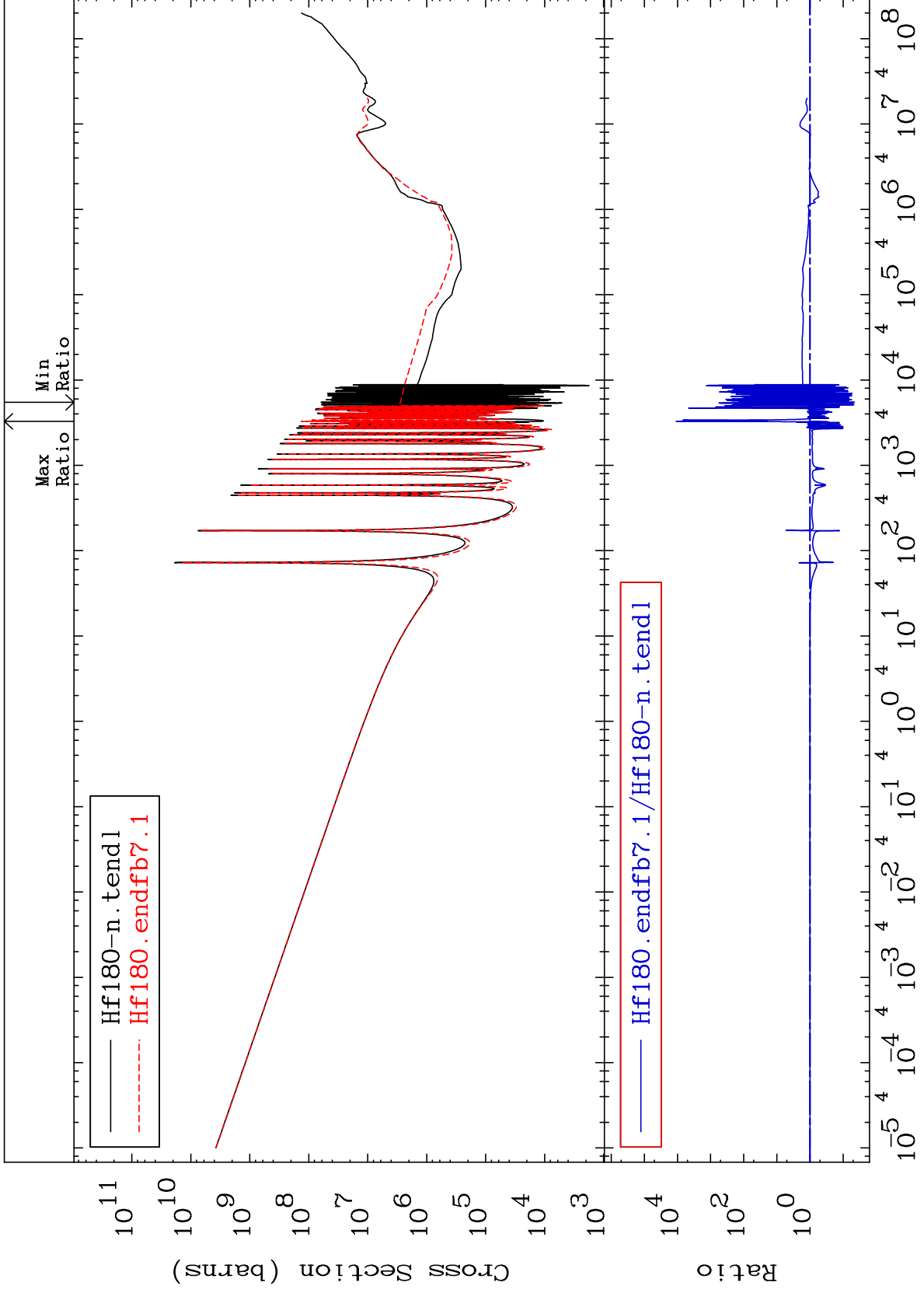
Incident Energy (eV)

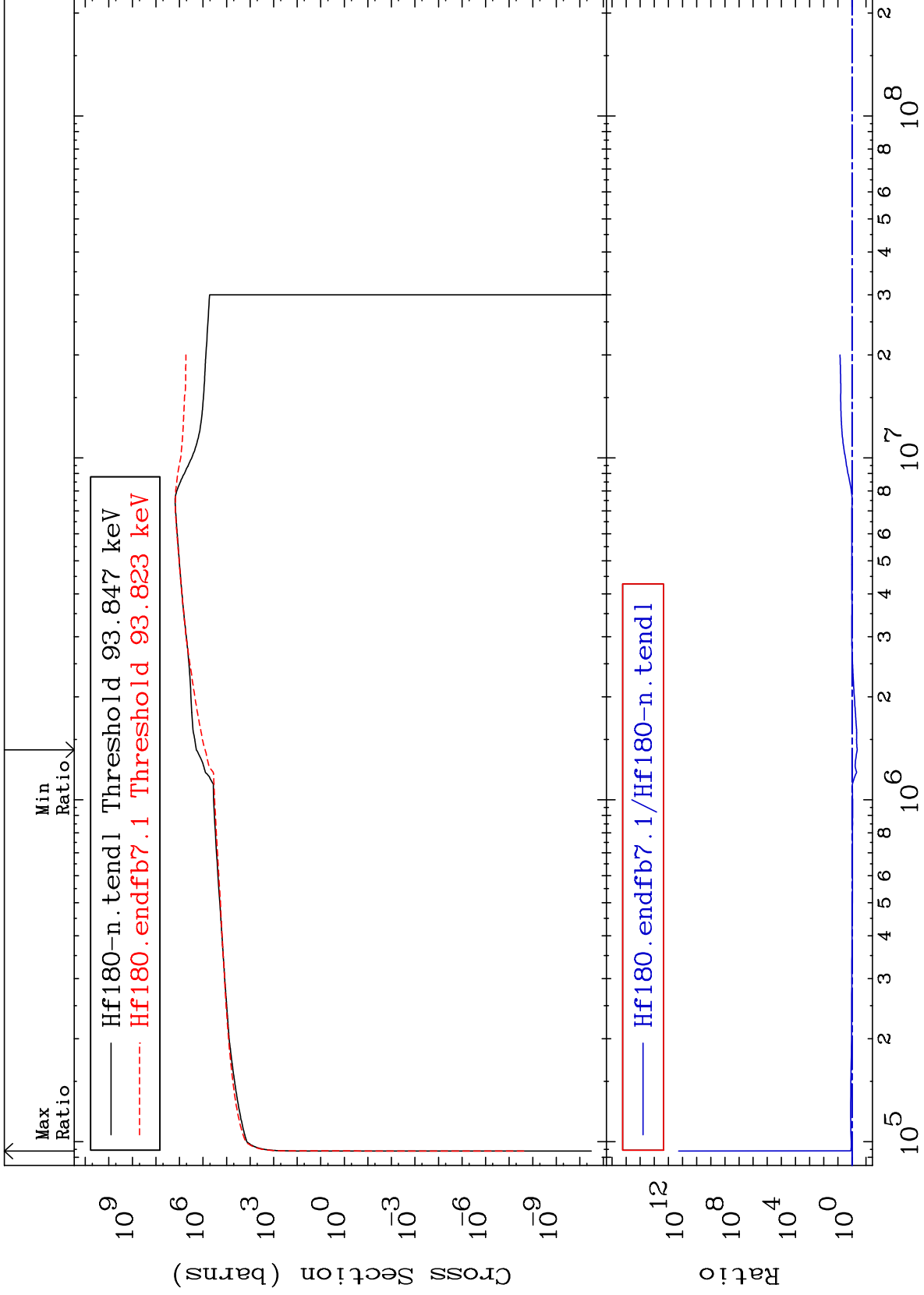
72-Hf-180

MAT 7243

Kerma non-elastic (all but mt2)
Cross Section

72-Hf-180
-95.44 To 9999. %

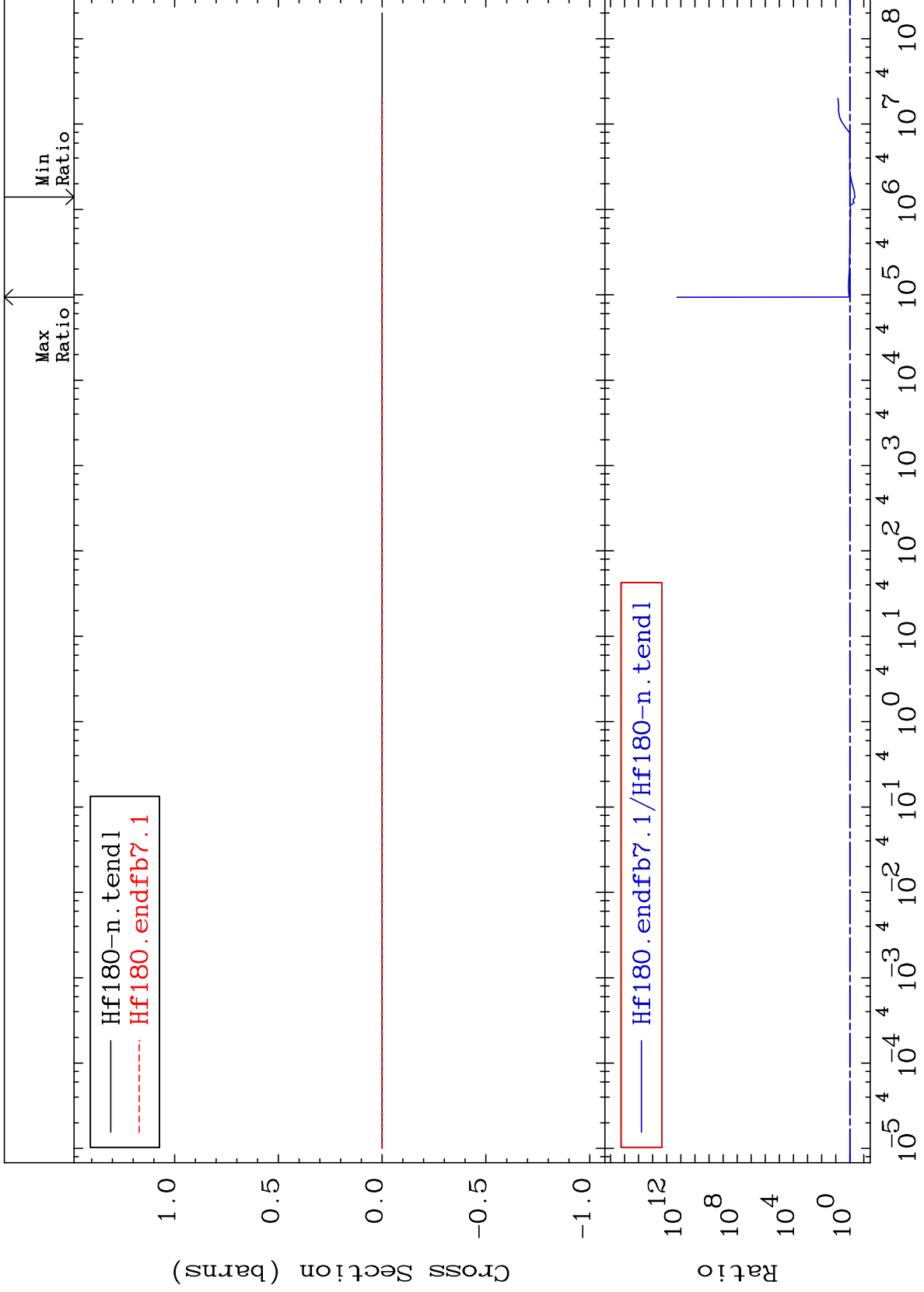




MAT 7243

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

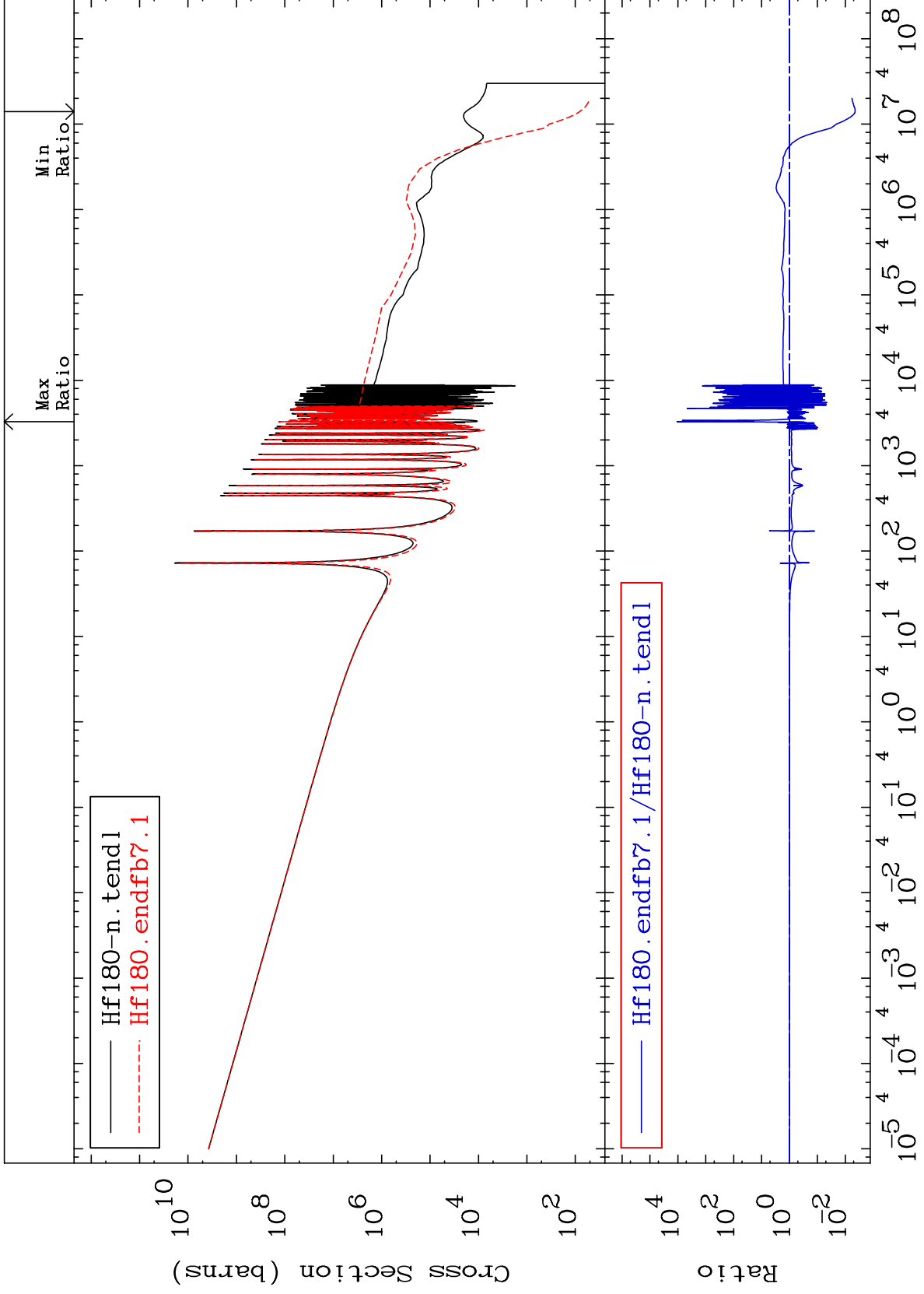
72-Hf-180
-57.81 To 9999. %



MAT 7243

Kerma capture (mt102)
Cross Section

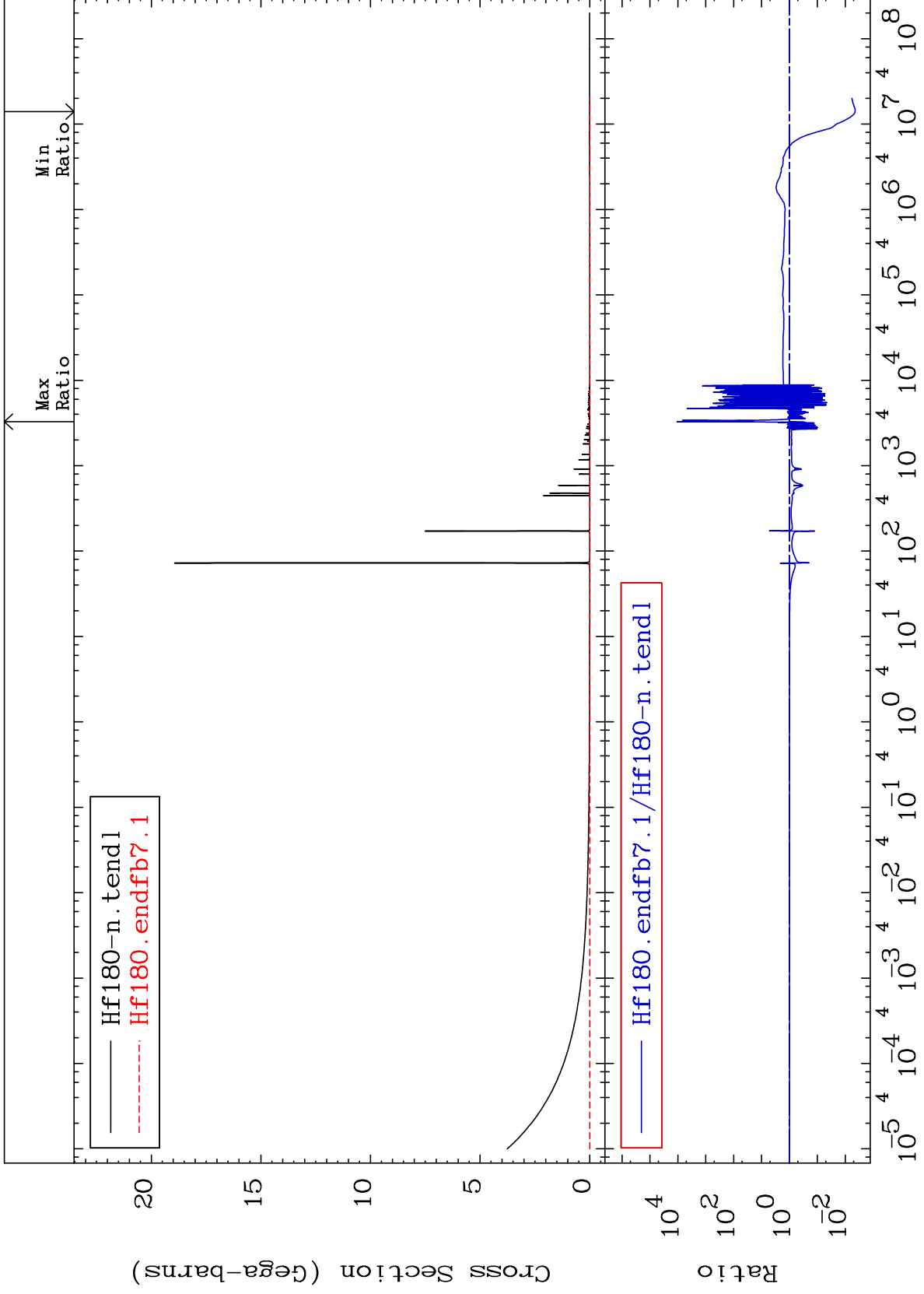
72-Hf-180
-99.55 To 9999. %



MAT 7243

Total photon (eV-barns)
Cross Section

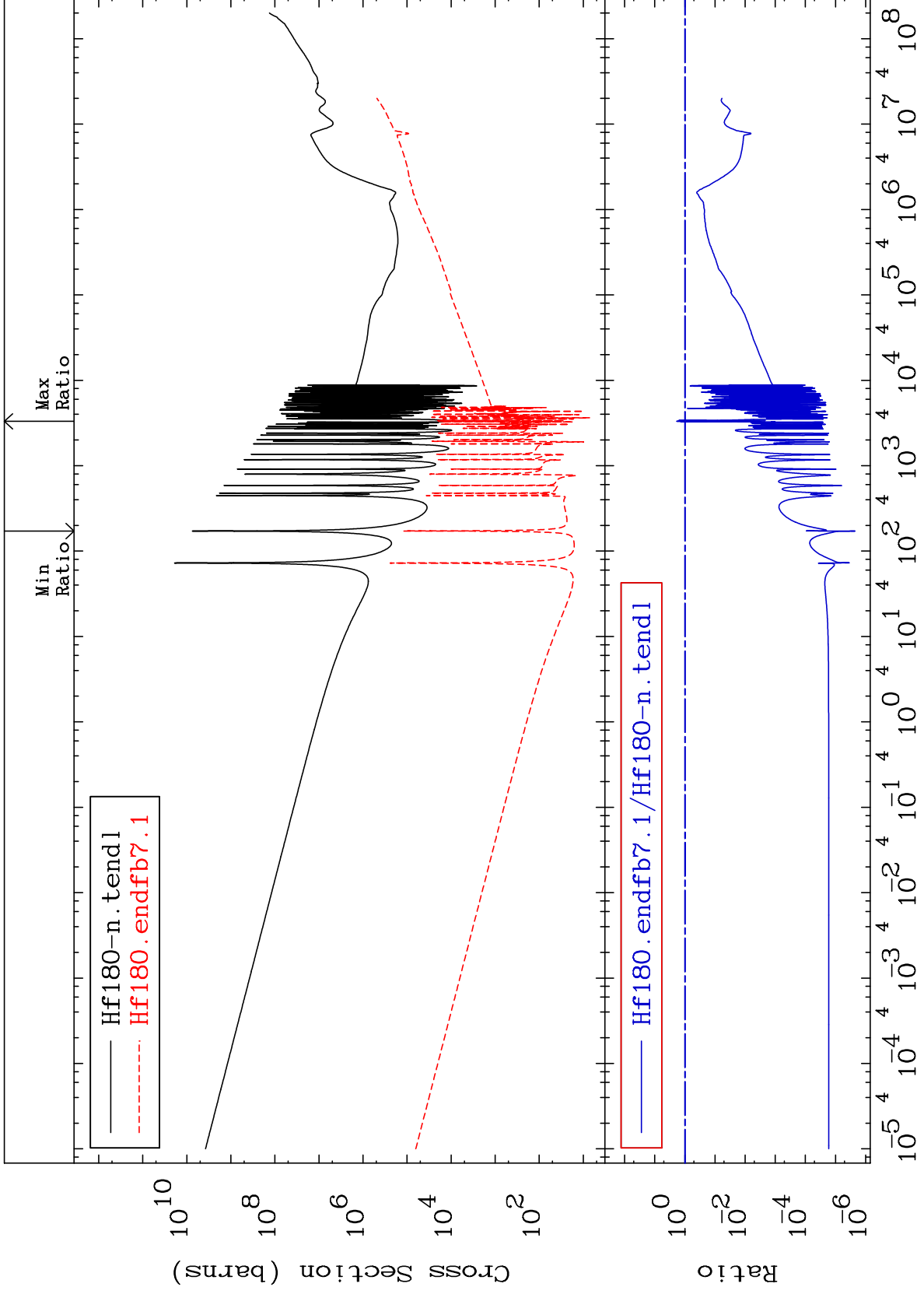
72-Hf-180
-99.55 To 9999. %



MAT 7243

Total kinematic kerma (high limit)
Cross Section

72-Hf-180
-100.0 To 83.75 %



30

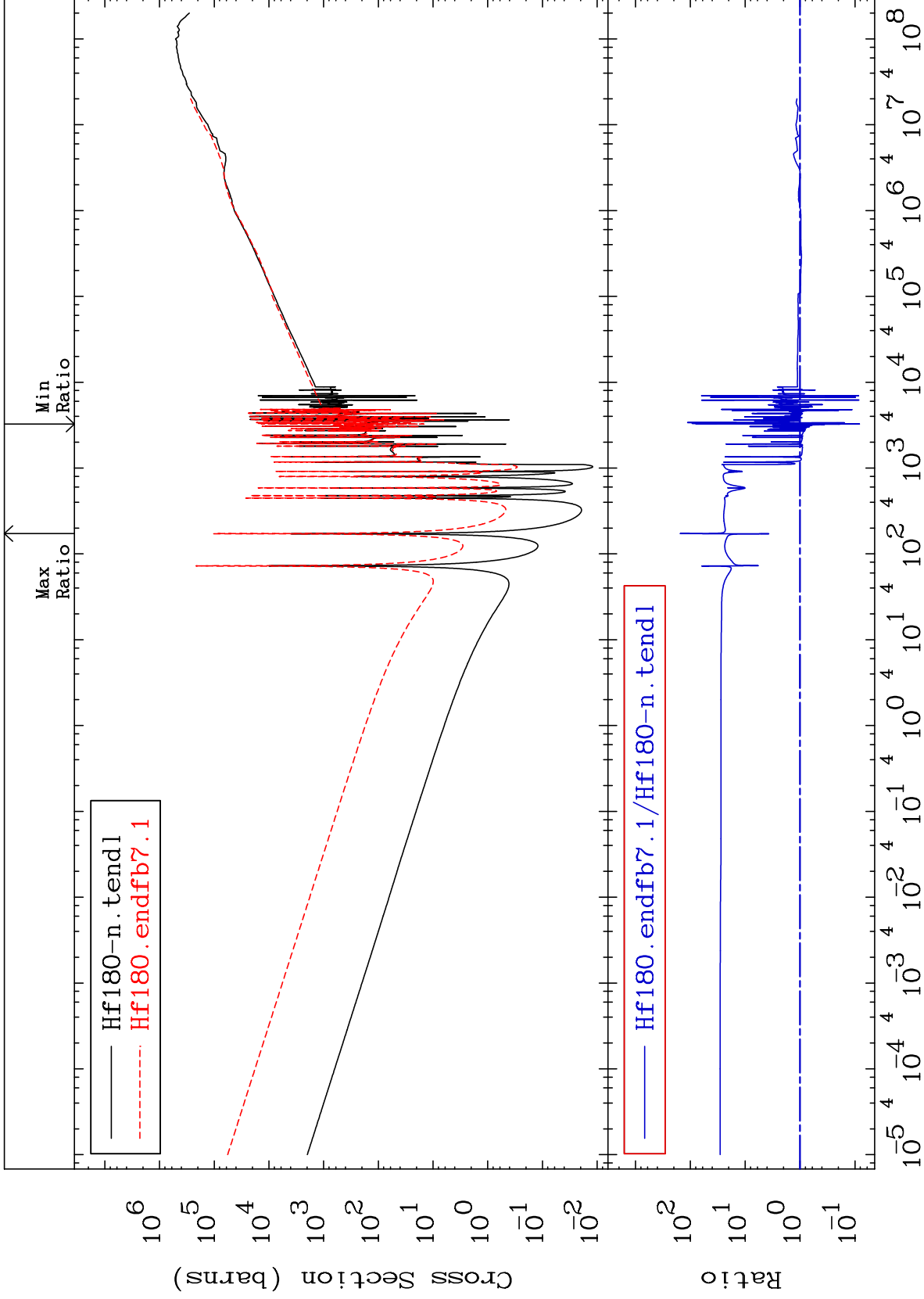
Incident Energy (eV)

72-Hf-180

MAT 7243

Dpa total (eV-barns)
Cross Section

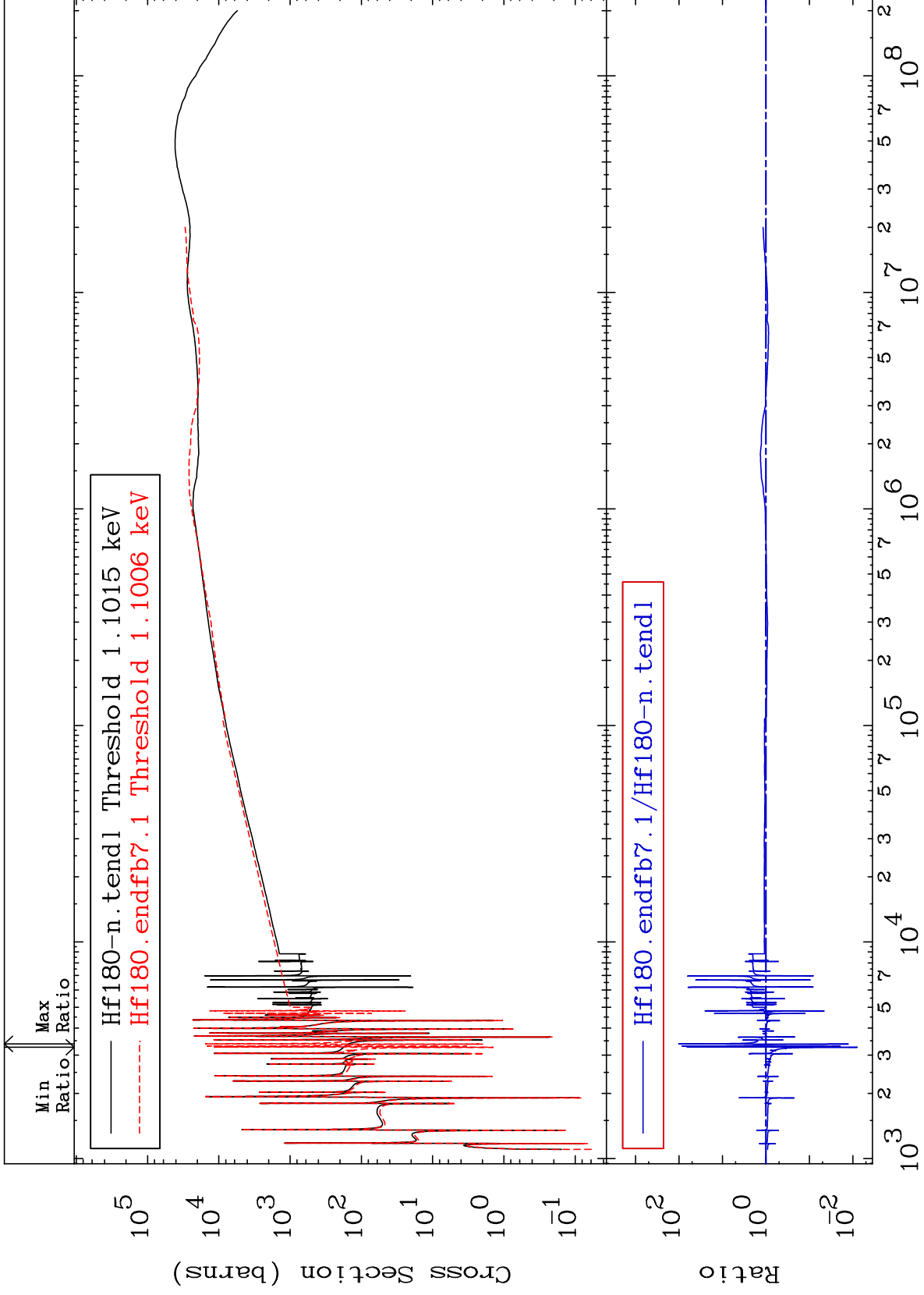
72-Hf-180
-91.71 To 9999. %



MAT 7243

Dpa elastic (mt2)
Cross Section

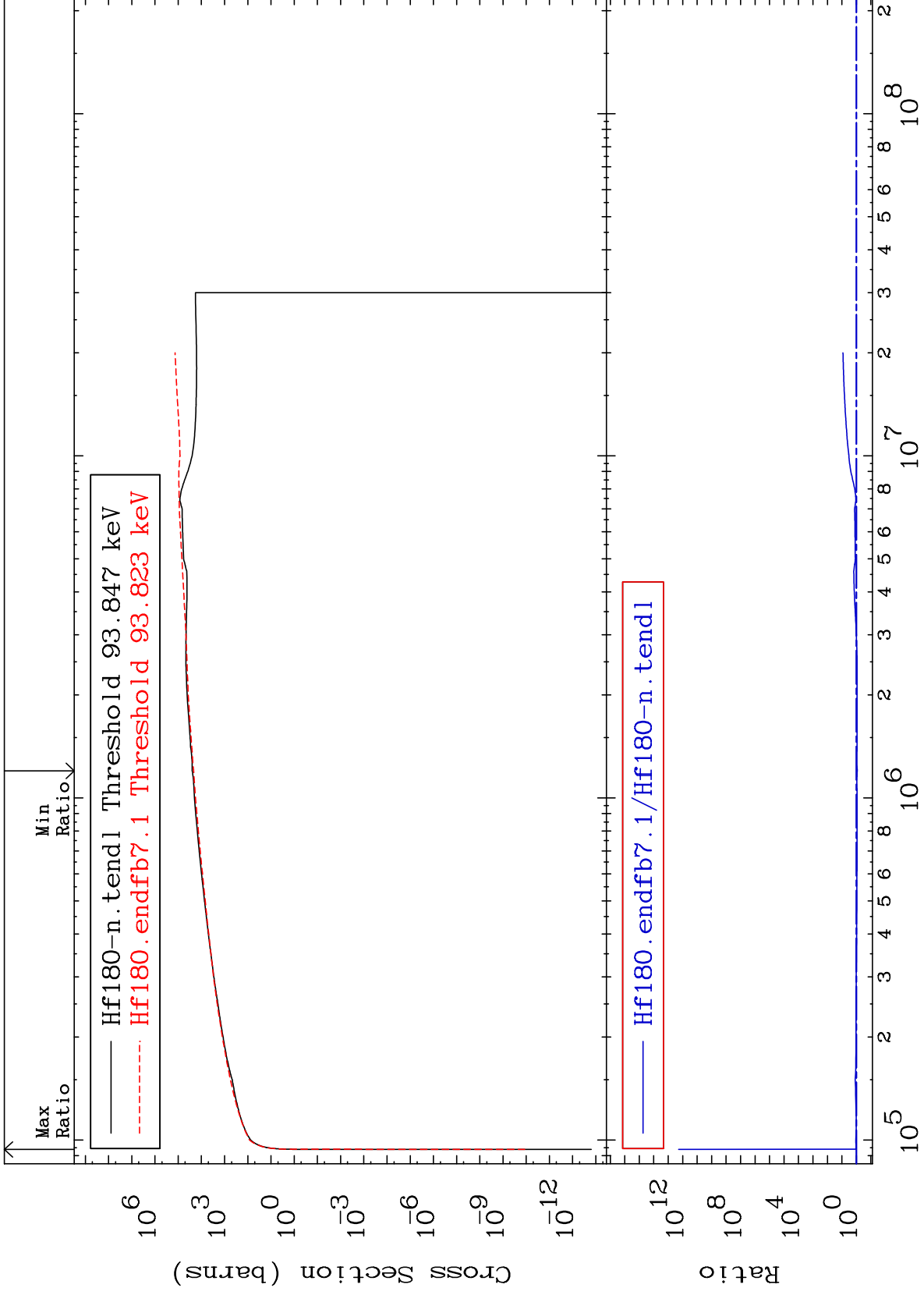
72-Hf-180
-99.21 To 9999. %



32

Incident Energy (eV)

72-Hf-180



MAT 7243

Dpa disappearance (mt102 -120)
Cross Section

72-Hf-180
-80.82 To 9999. %

