

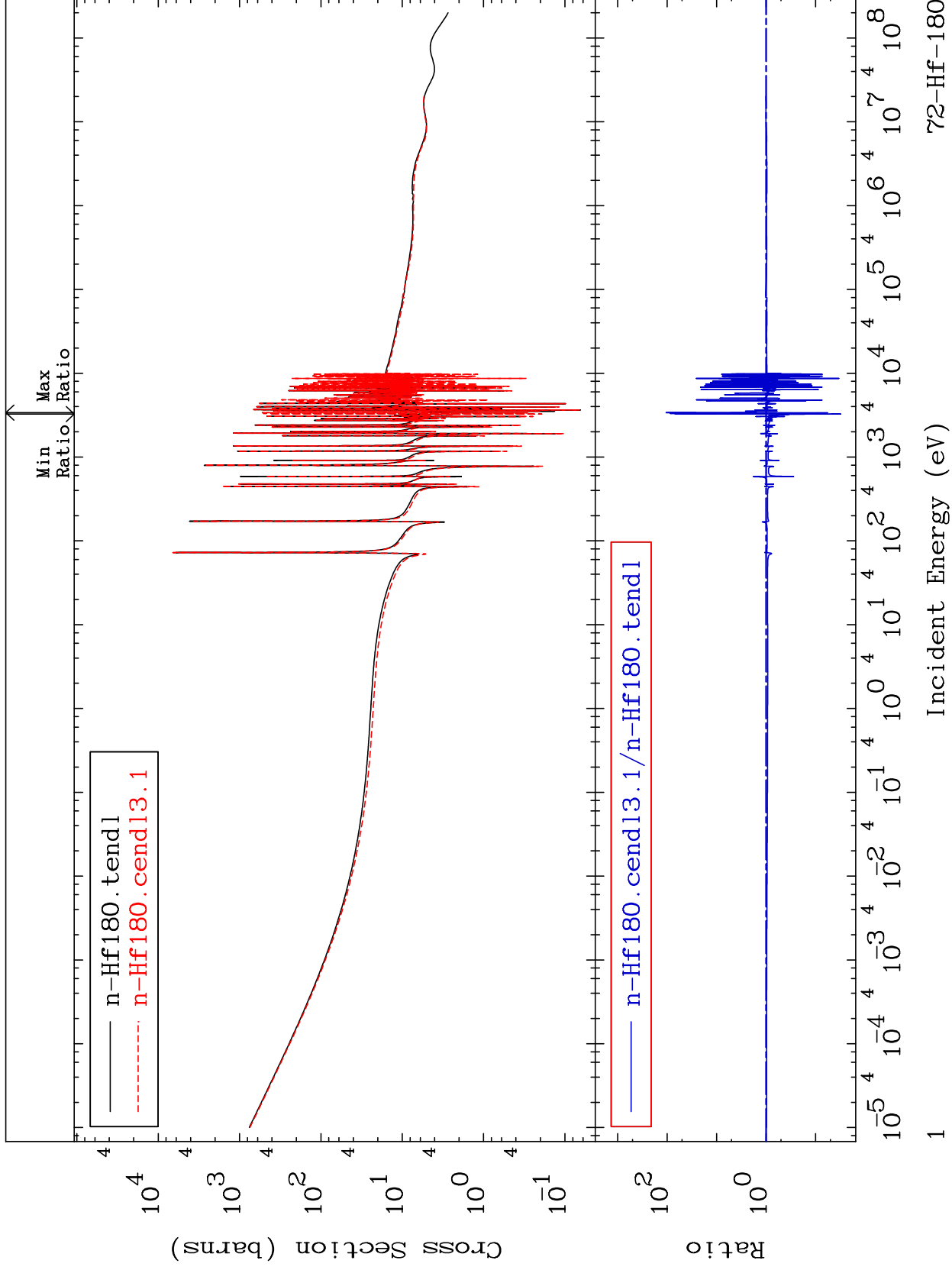
MAT 7243

Total

72-Hf-180

Cross Section

-96.91 To 9999. %



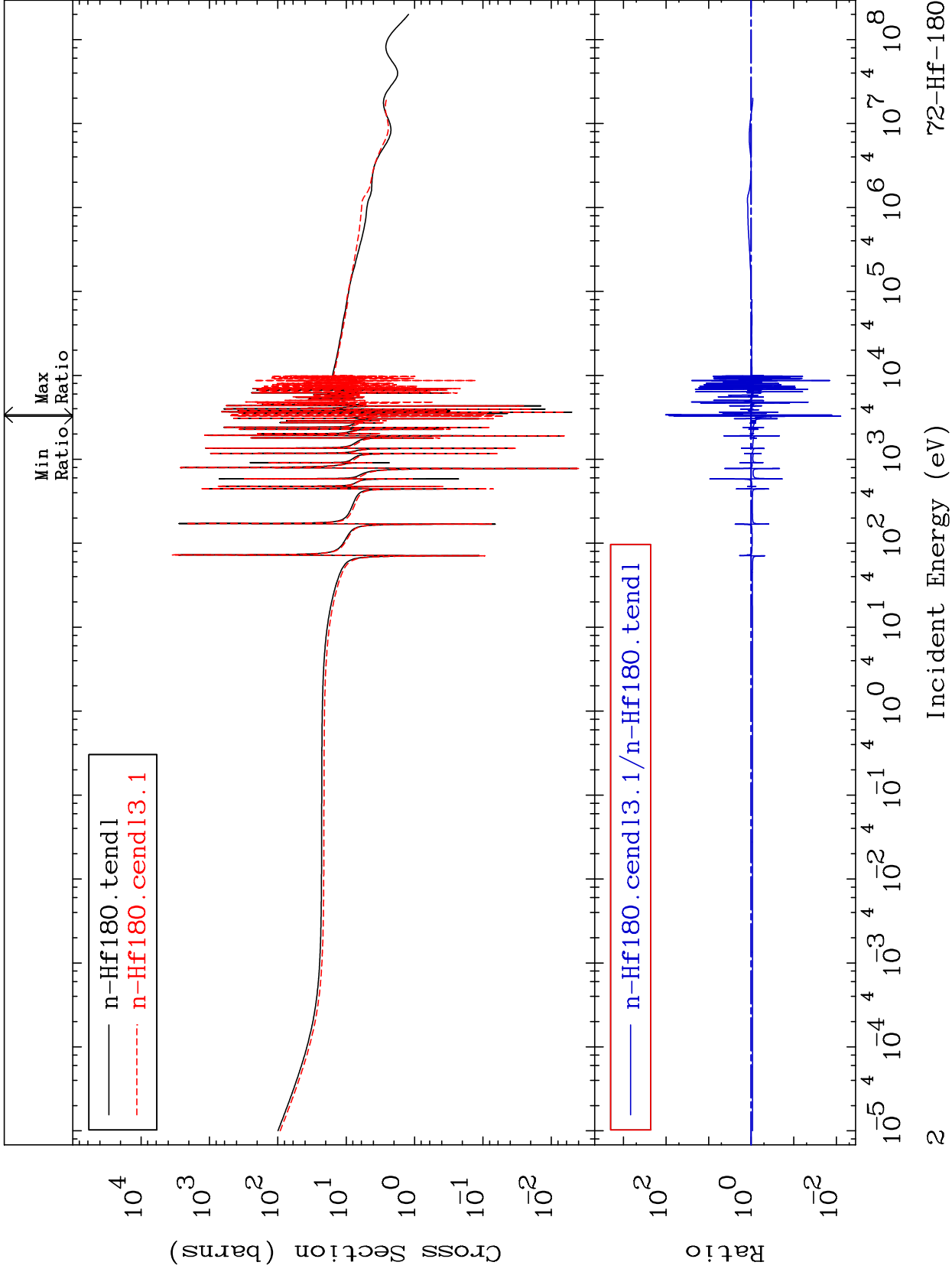
Incident Energy (eV)

72-Hf-180

MAT 7243

Elastic
Cross Section

72-Hf-180
-99.21 To 9999. %



2

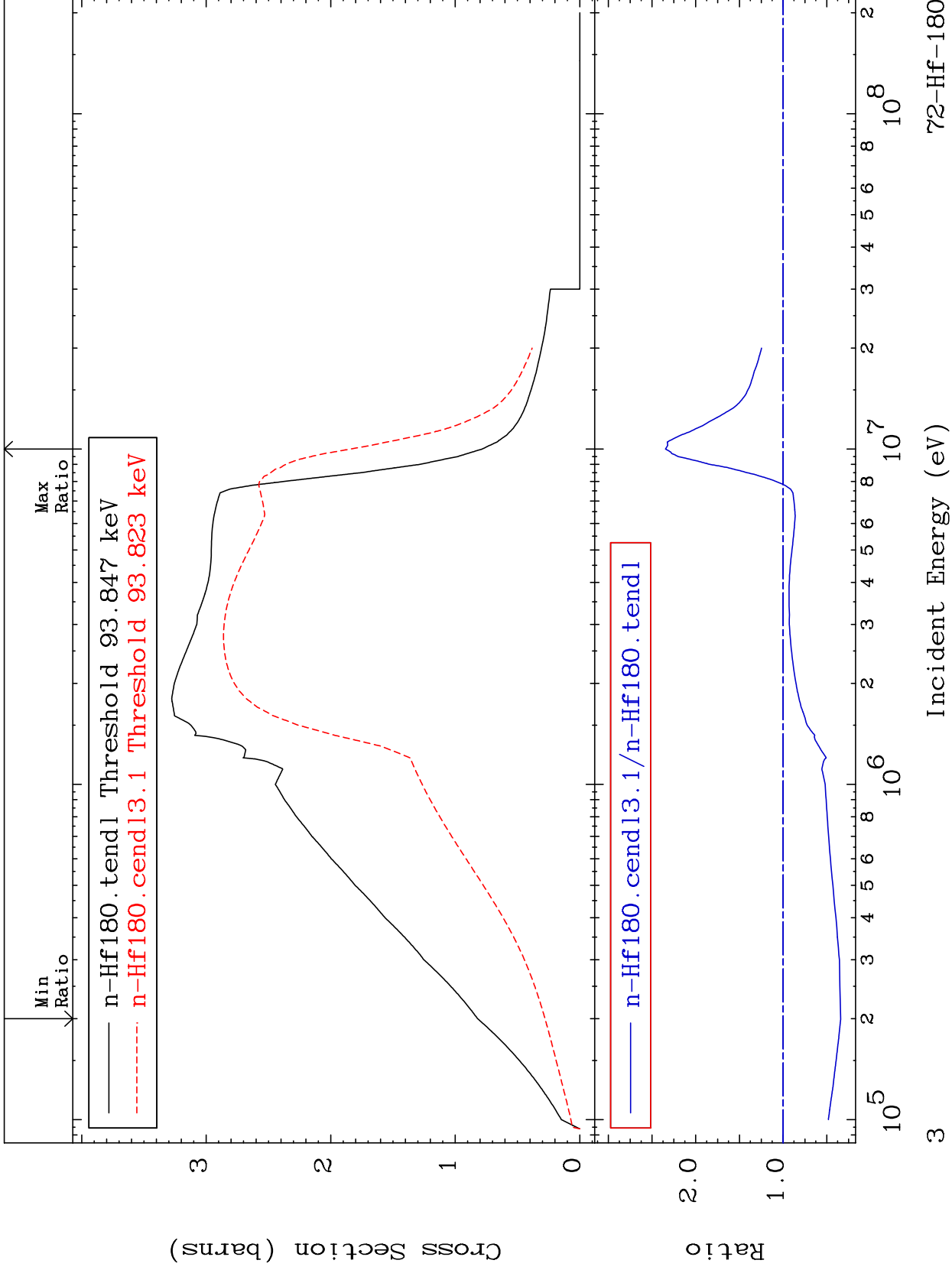
Incident Energy (eV)

72-Hf-180

MAT 7243

Inelastic
Cross Section

72-Hf-180
-65.97 To 134.6 %



Incident Energy (eV)

72-Hf-180

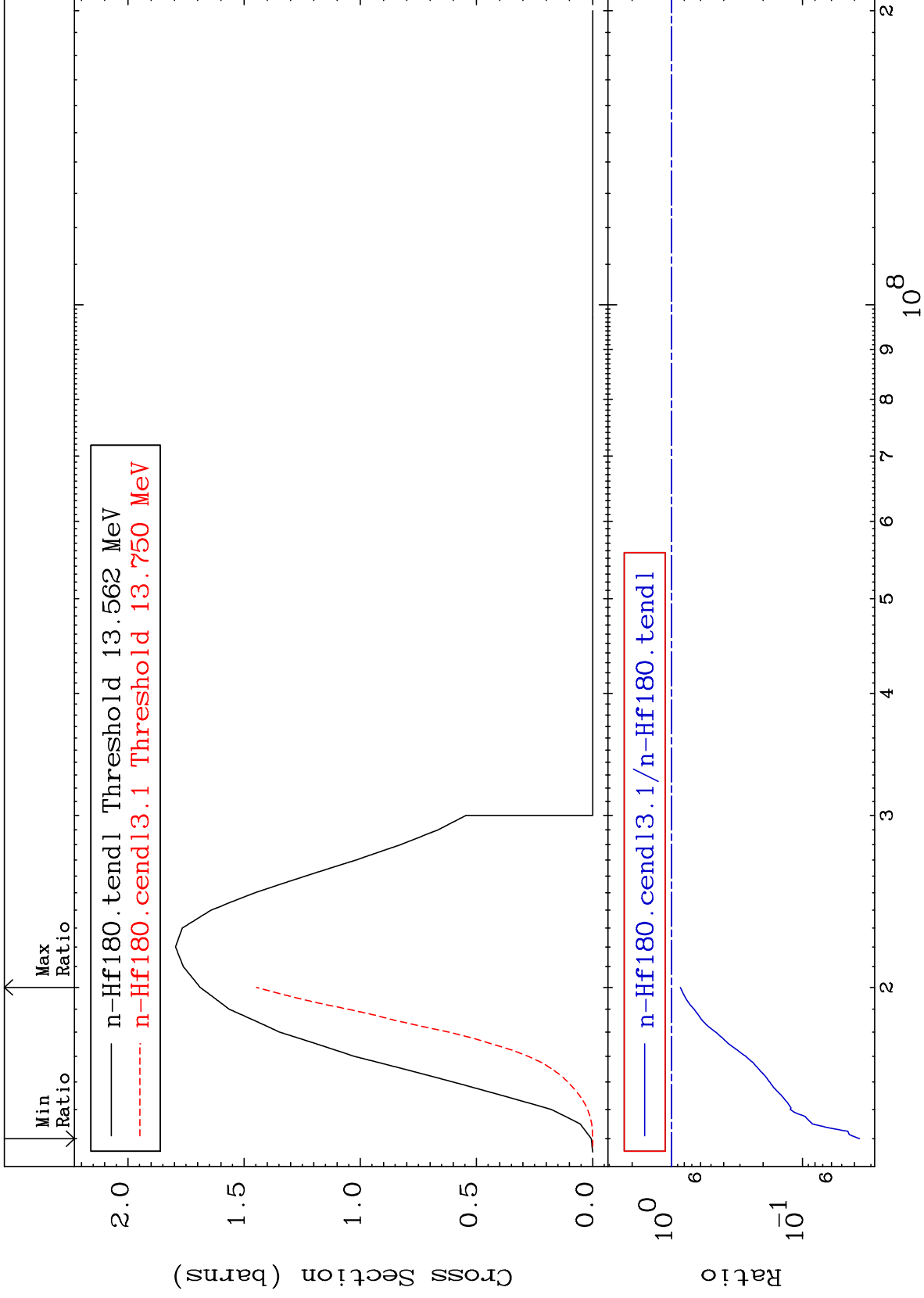
MAT 7243

(n,3n)

72-Hf-180

Cross Section

-96.33 To -14.36%



5

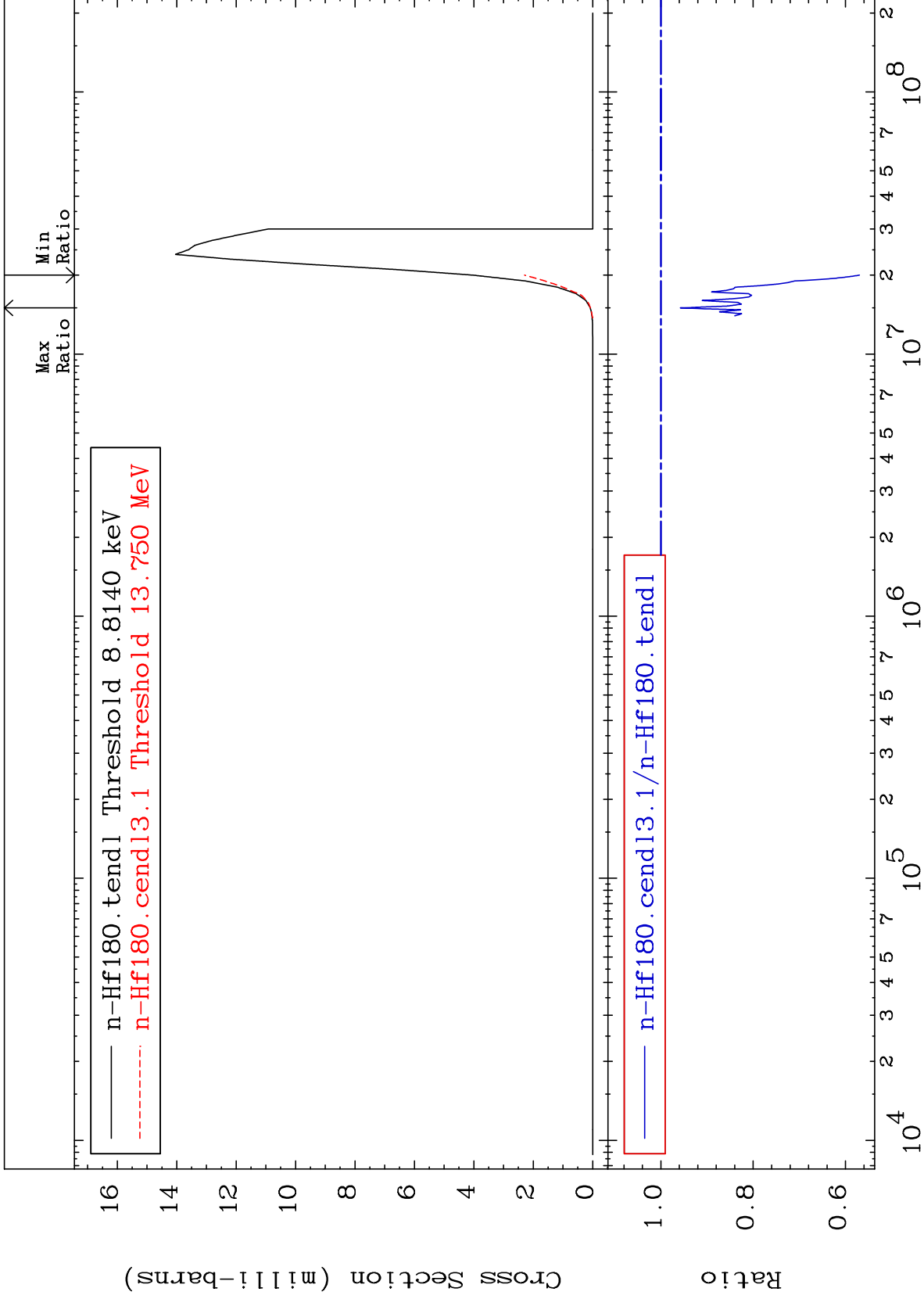
Incident Energy (eV)

72-Hf-180

MAT 7243

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

72-Hf-180
-43.02 To -4.223%



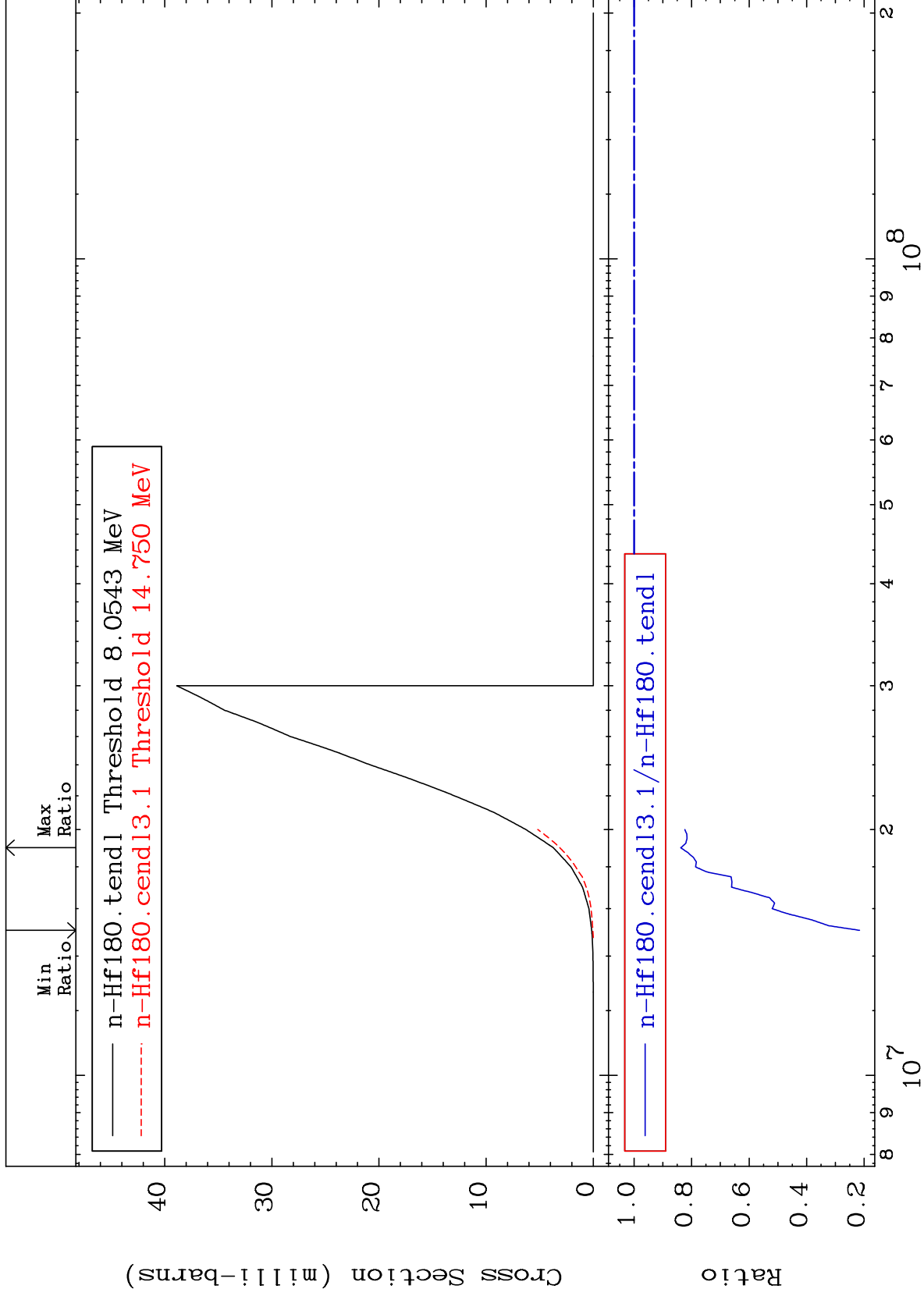
Incident Energy (eV)

72-Hf-180

MAT 7243

(n,n') p
Cross Section

72-Hf-180
-78.41 To -16.22%



7

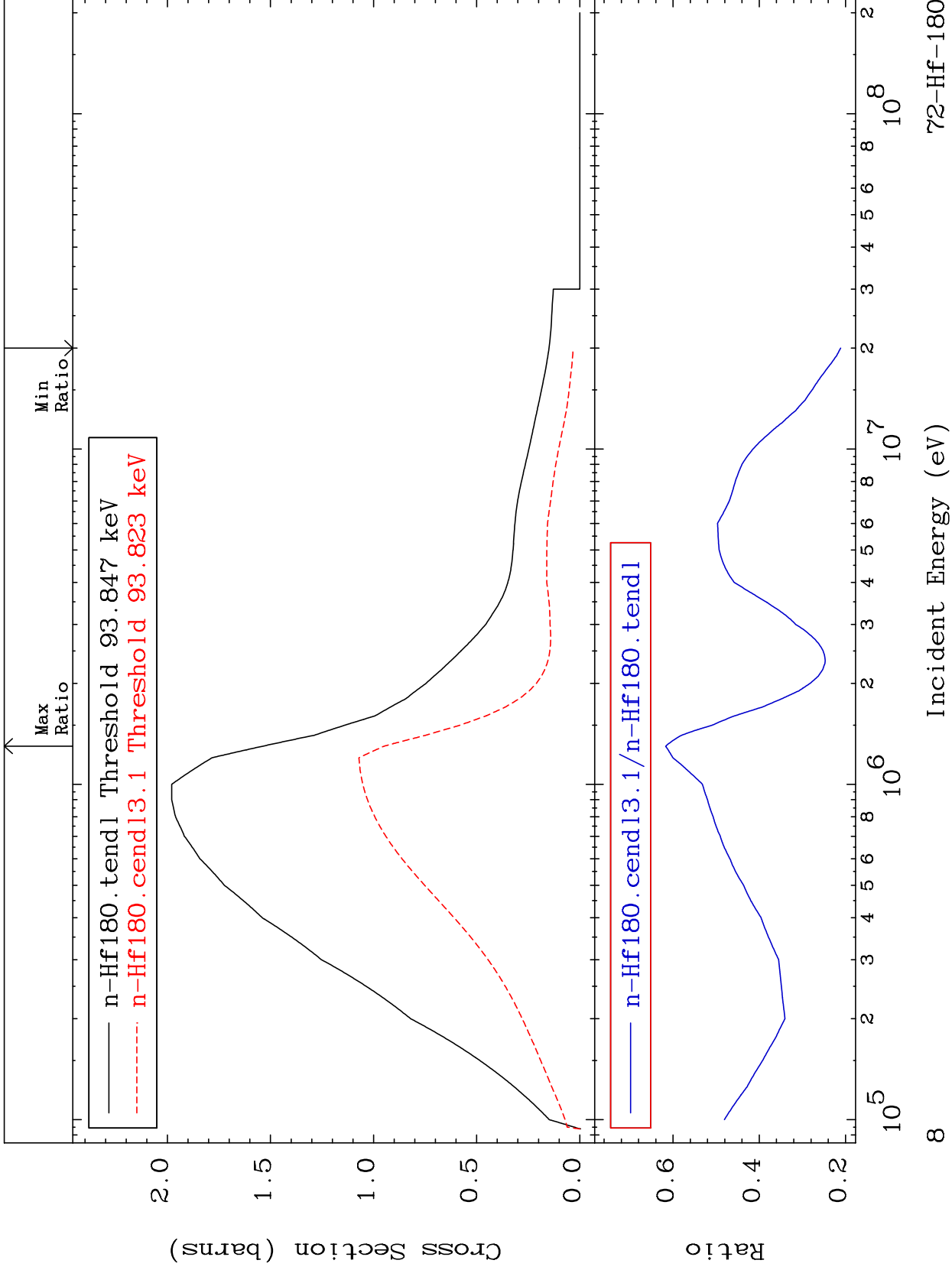
Incident Energy (eV)

72-Hf-180

MAT 7243

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

72-Hf-180
-78.89 To -38.24%

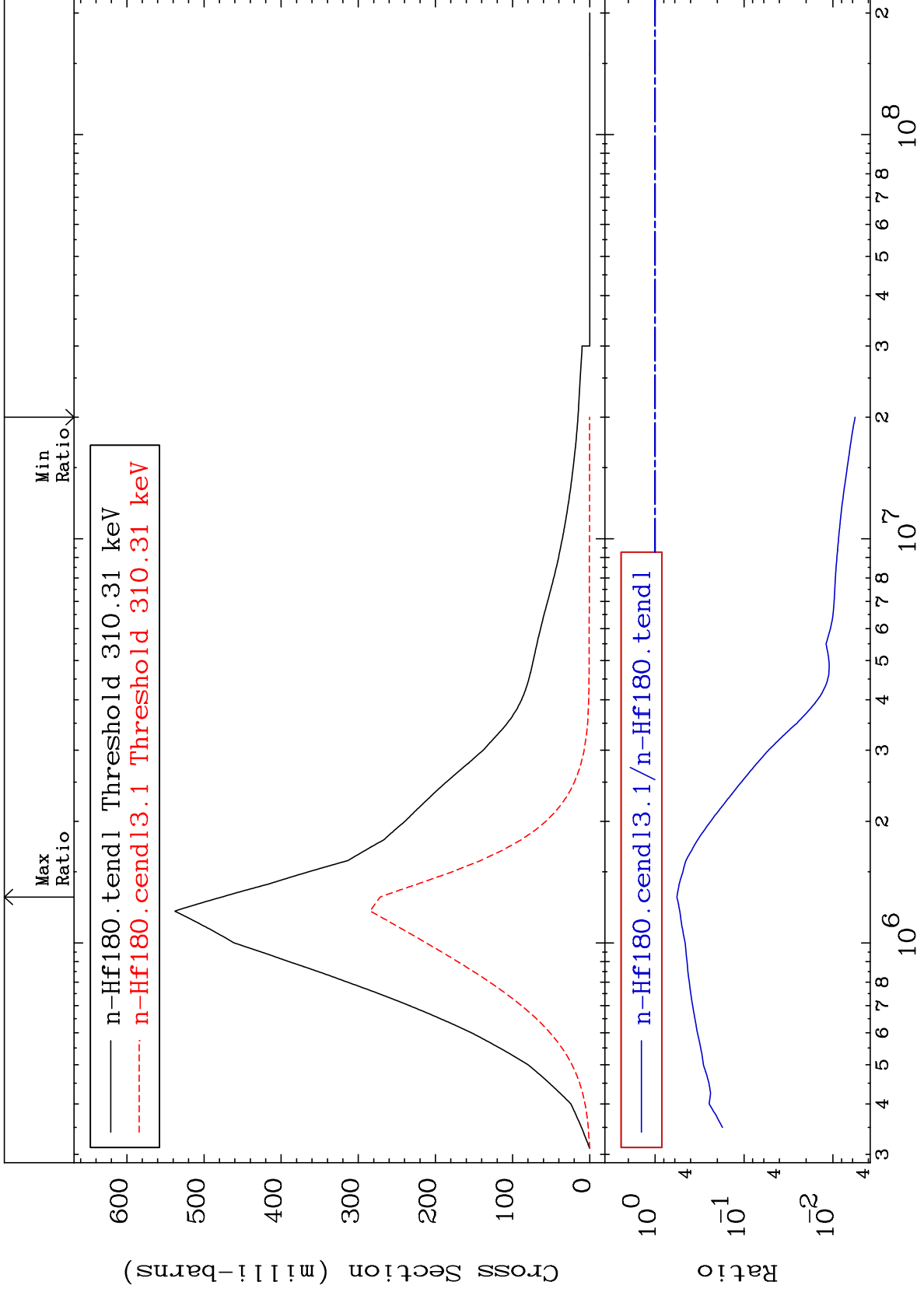


72-Hf-180

MAT 7243

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

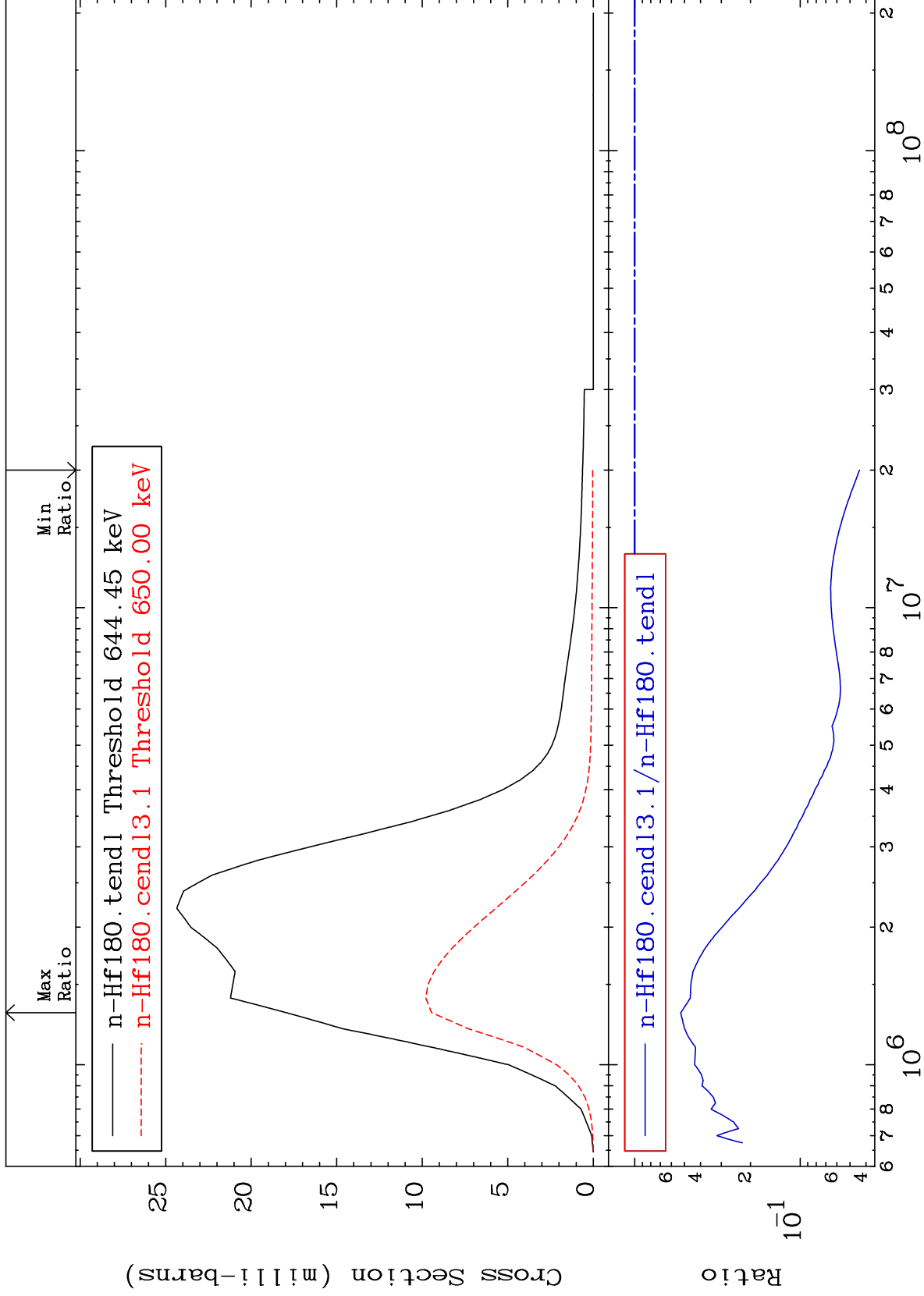
72-Hf-180
-99.44 To -43.09%



MAT 7243

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

72-Hf-180
-95.63 To -47.30%



10

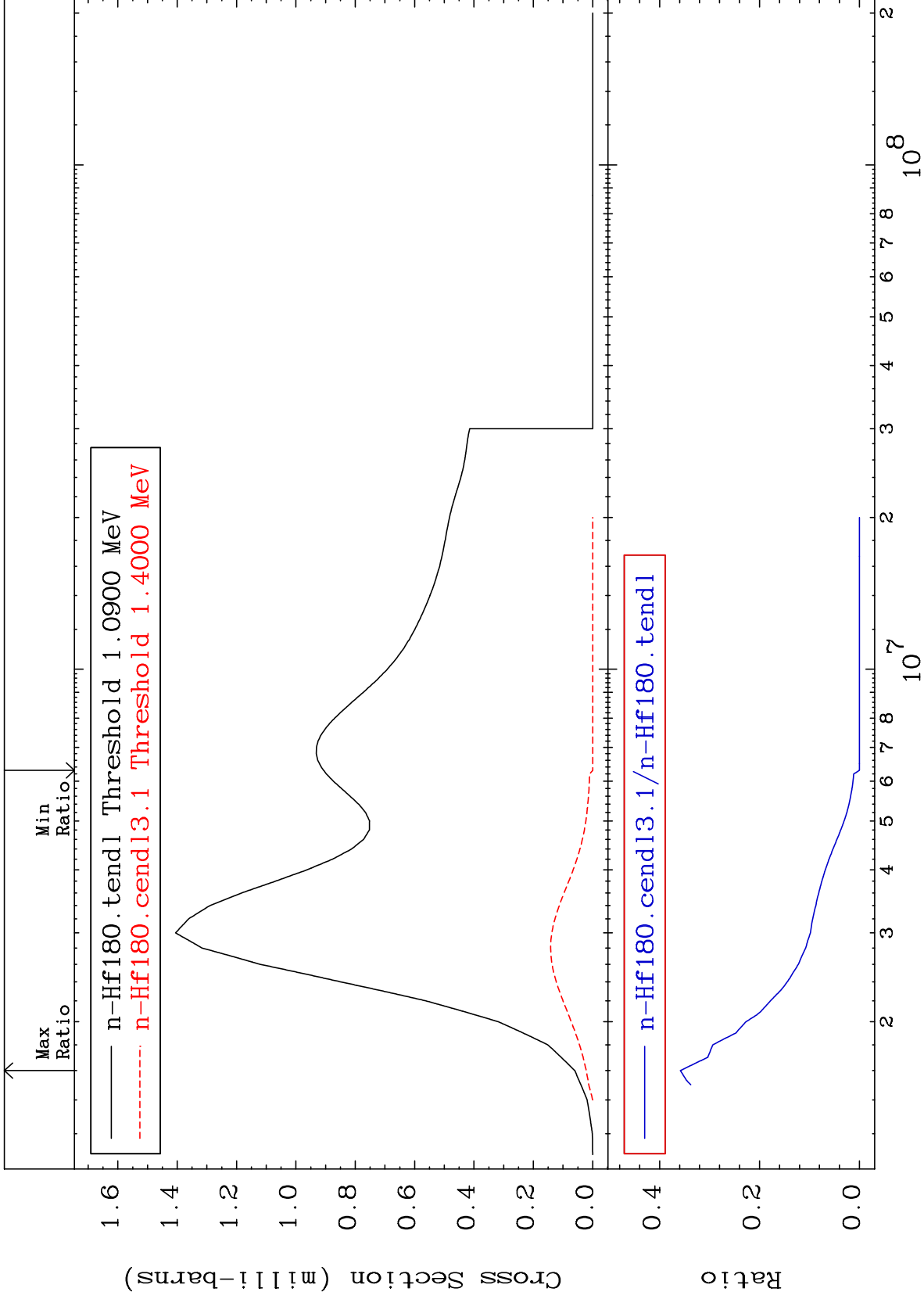
Incident Energy (eV)

72-Hf-180

MAT 7243

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

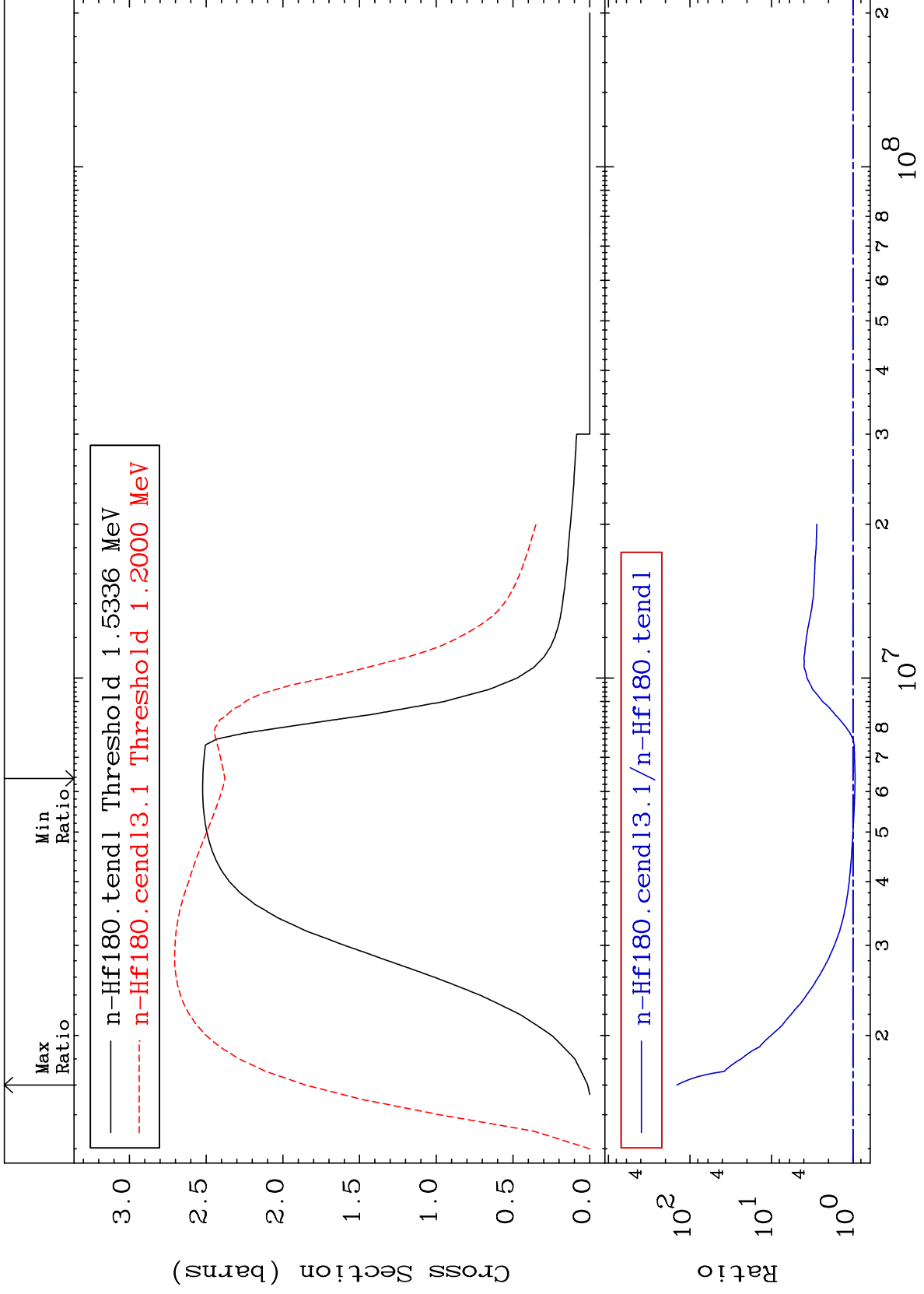
72-Hf-180
-100.0 To -64.15%



MAT 7243

(n, n') Continuum
Cross Section

72-Hf-180
-5.690 To 9999. %



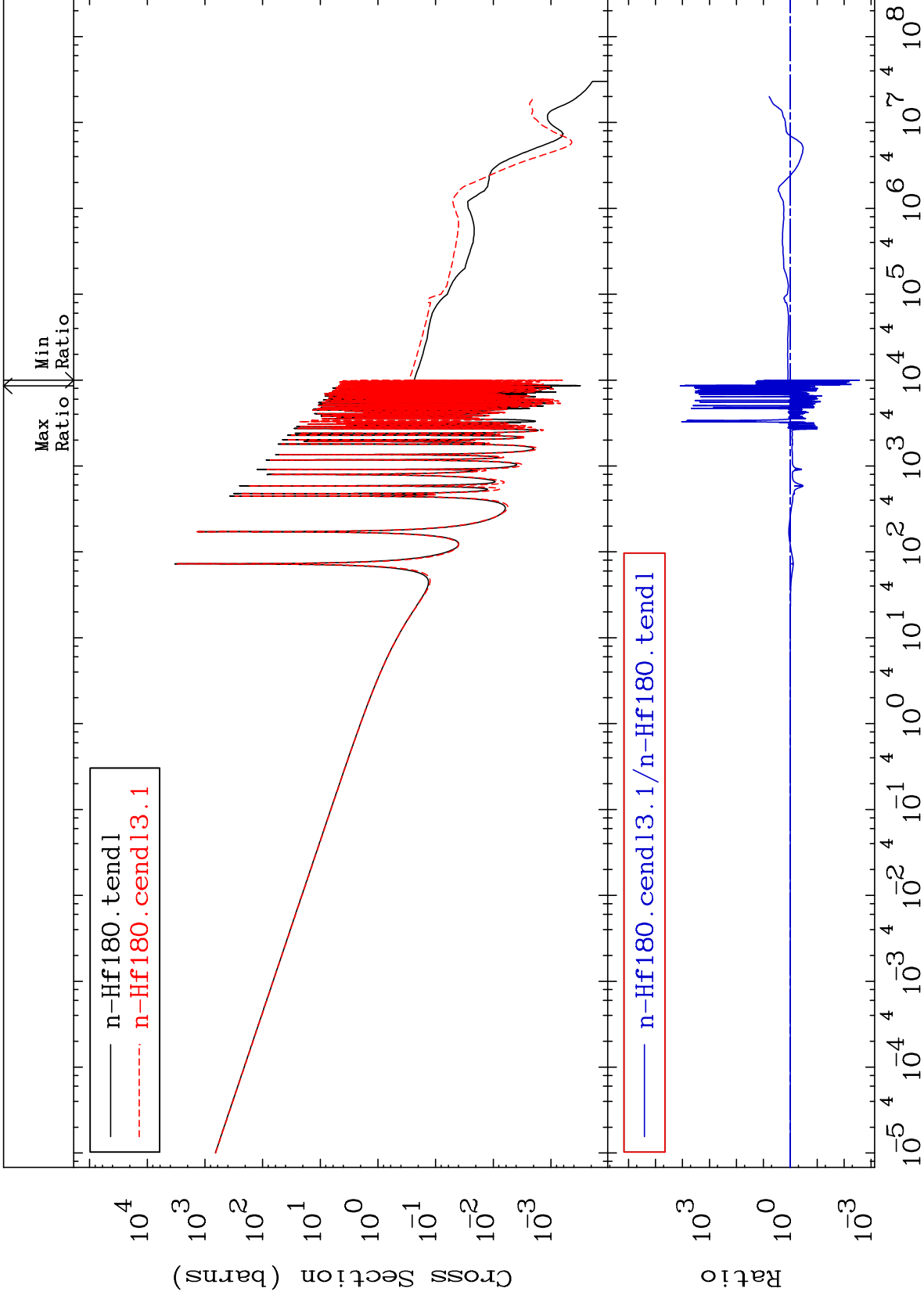
MAT 7243

(n, γ)

Cross Section

72-Hf-180

-99.73 To 9999. %



13

Incident Energy (eV)

72-Hf-180

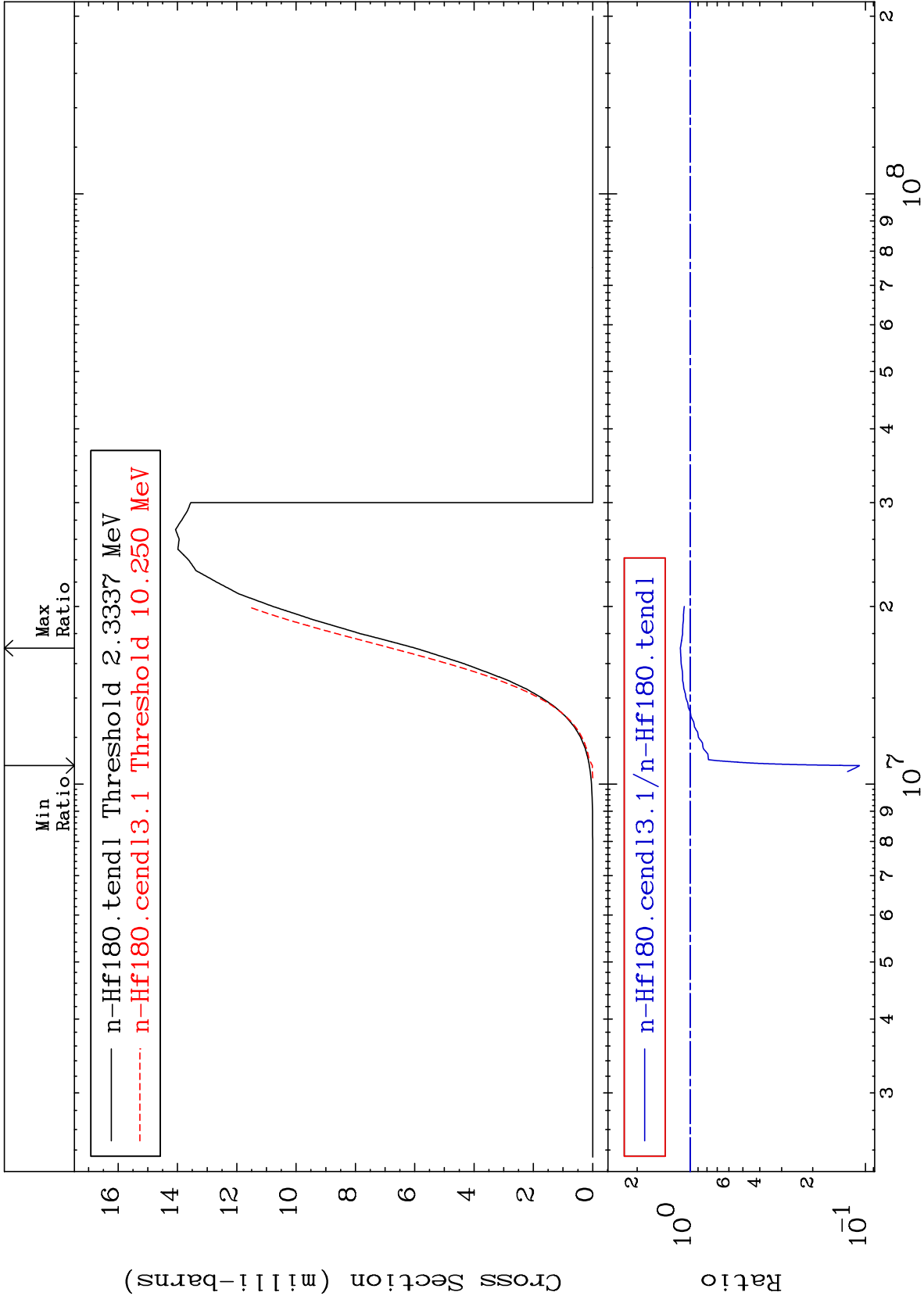
MAT 7243

(n,p)

⁷²Hf-180

Cross Section

-89.18 To 13.54 %



14

Incident Energy (eV)

⁷²Hf-180

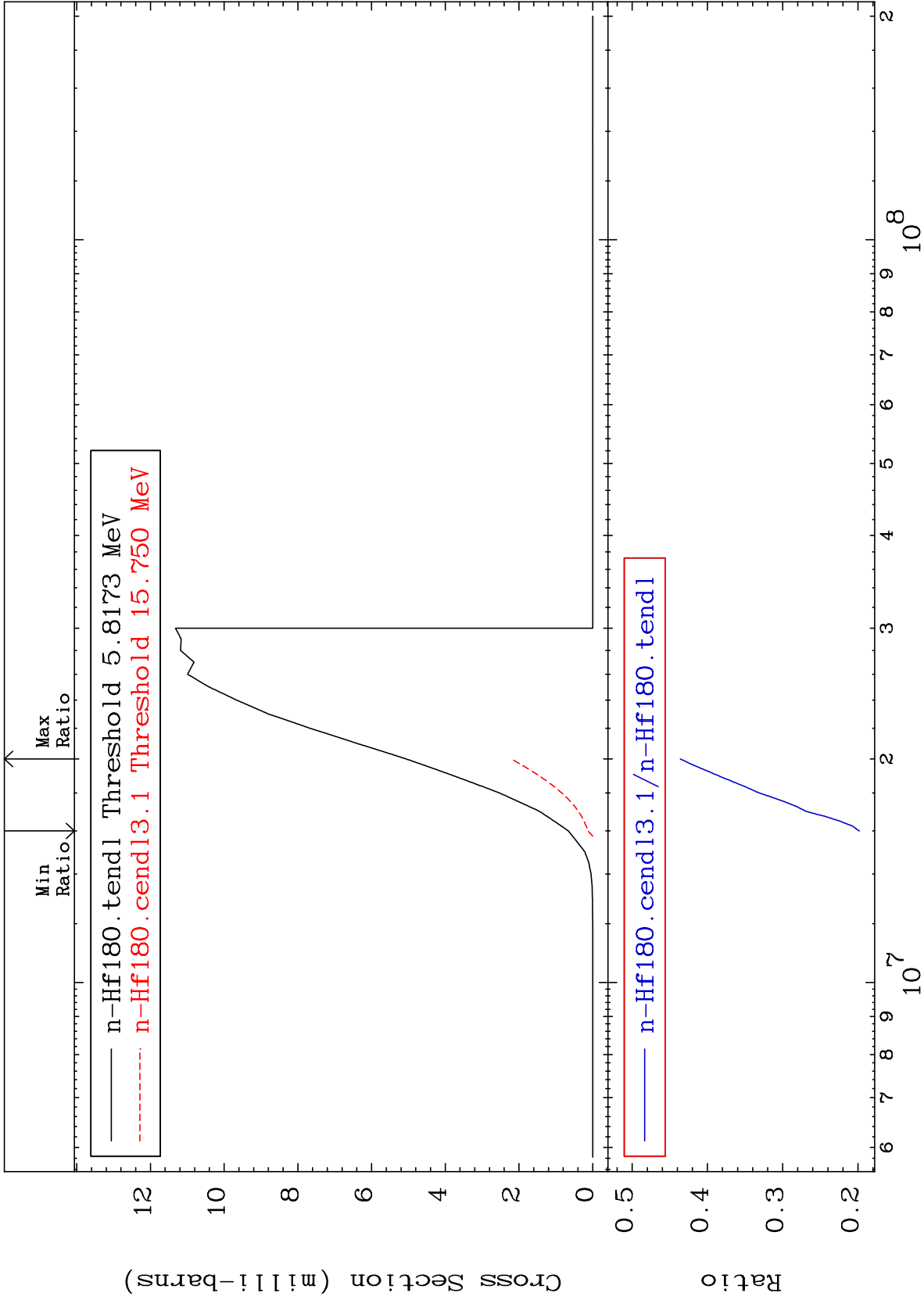
MAT 7243

(n, d)

72-Hf-180

Cross Section

-80.20 To -56.40%



15

Incident Energy (eV)

72-Hf-180

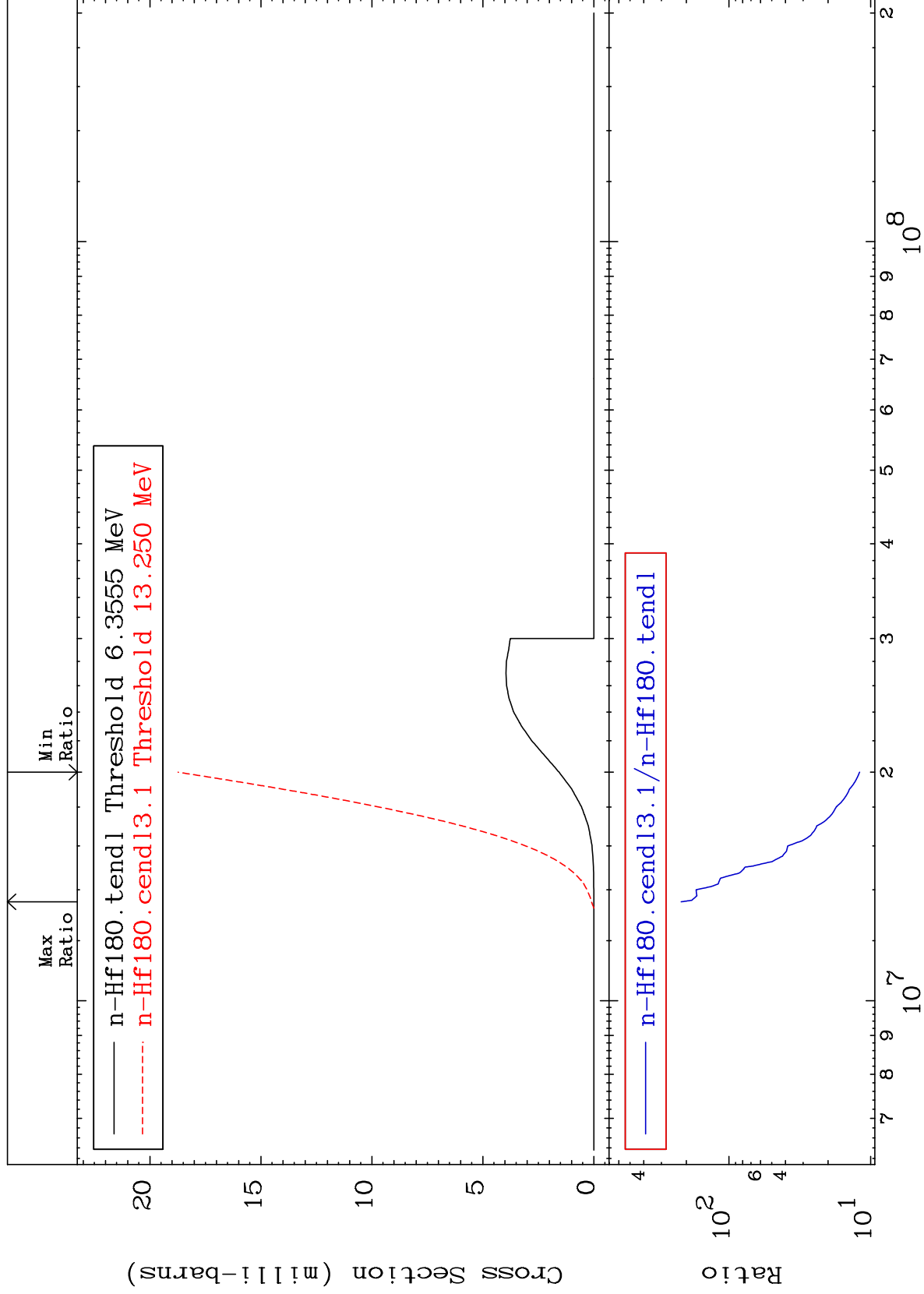
MAT 7243

(n, t)

72-Hf-180

Cross Section

1097. To 9999. %



16

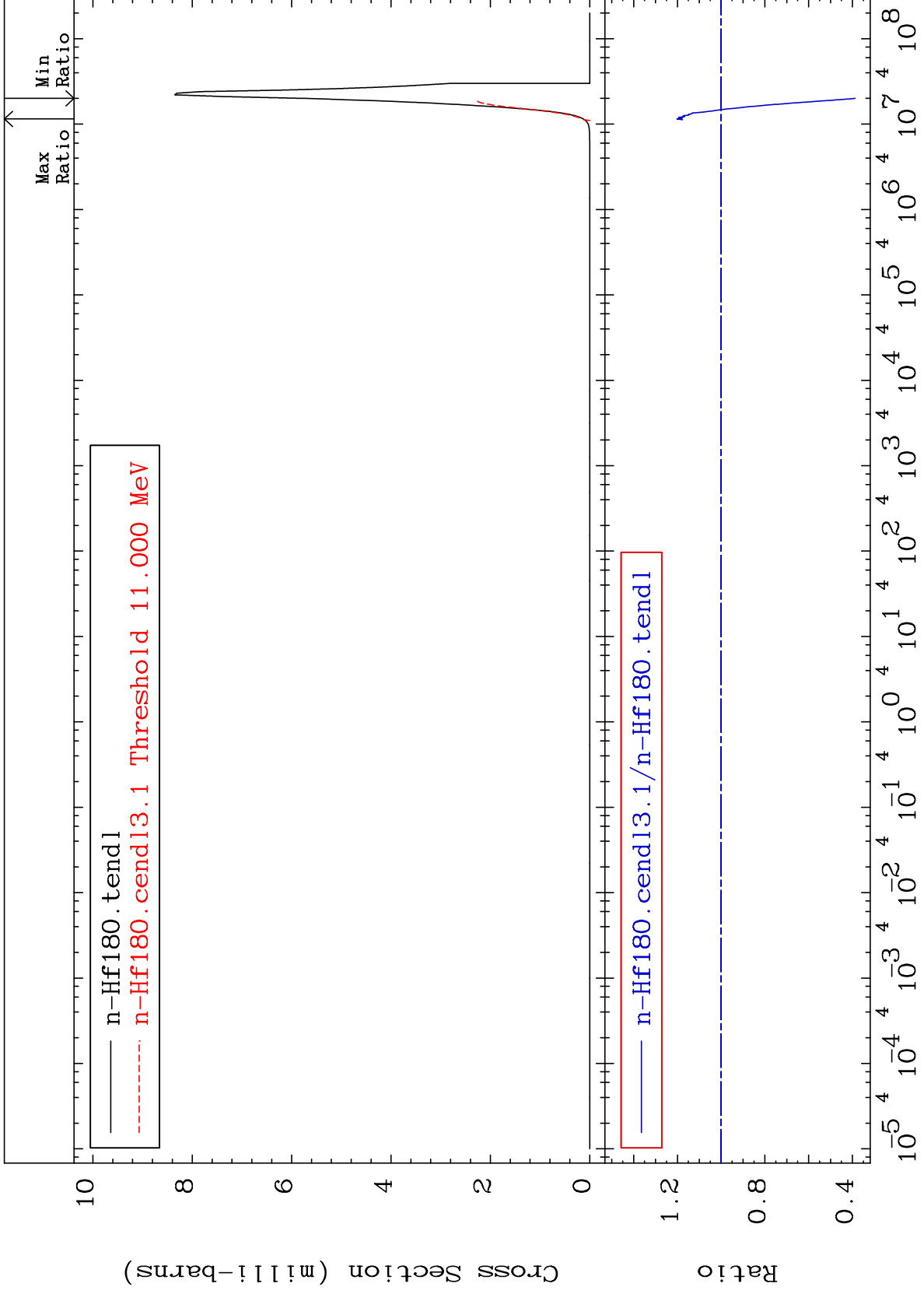
Incident Energy (eV)

72-Hf-180

MAT 7243

(n, α)
Cross Section

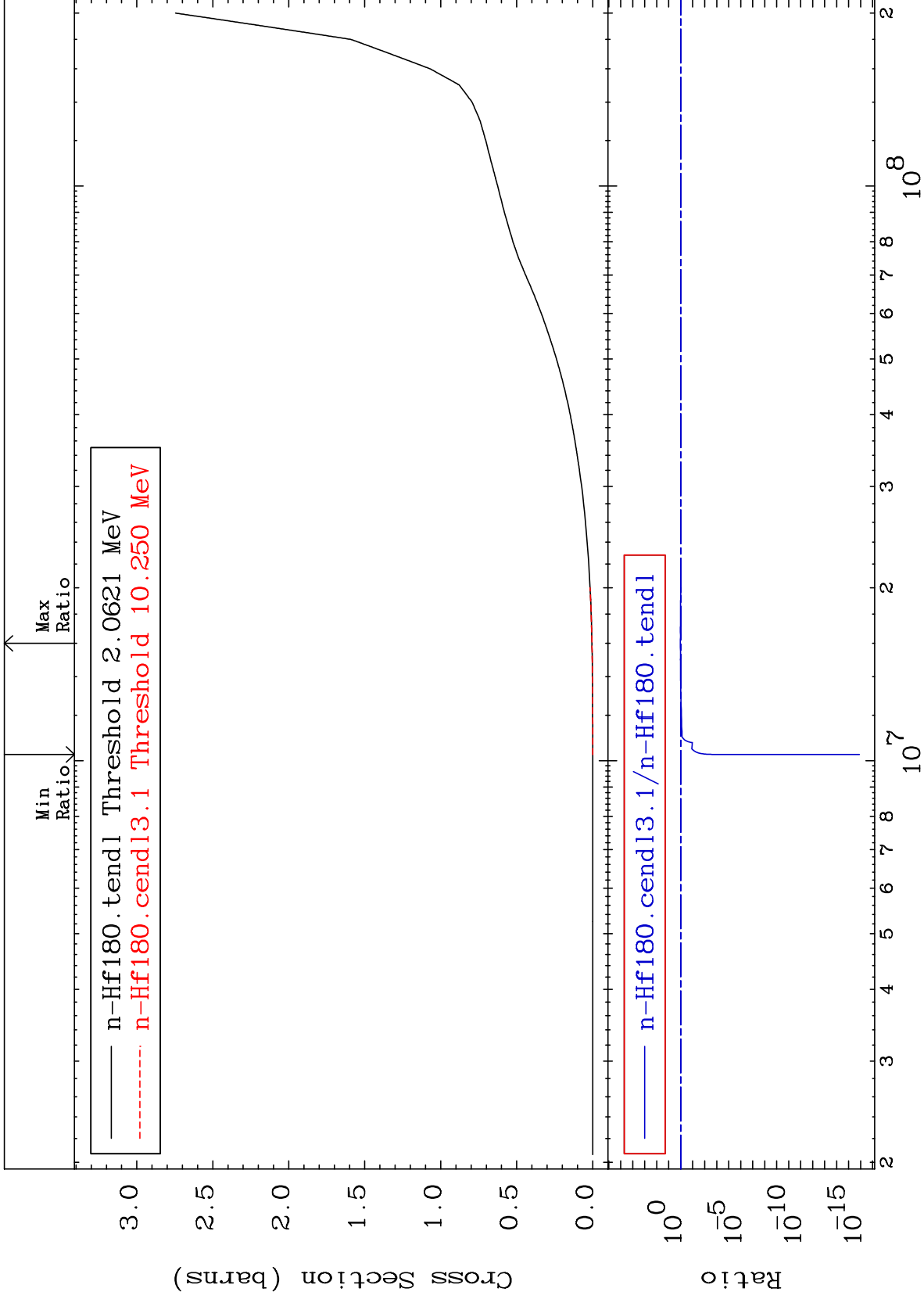
72-Hf-180
-61.23 To 20.22 %



17

Incident Energy (eV)

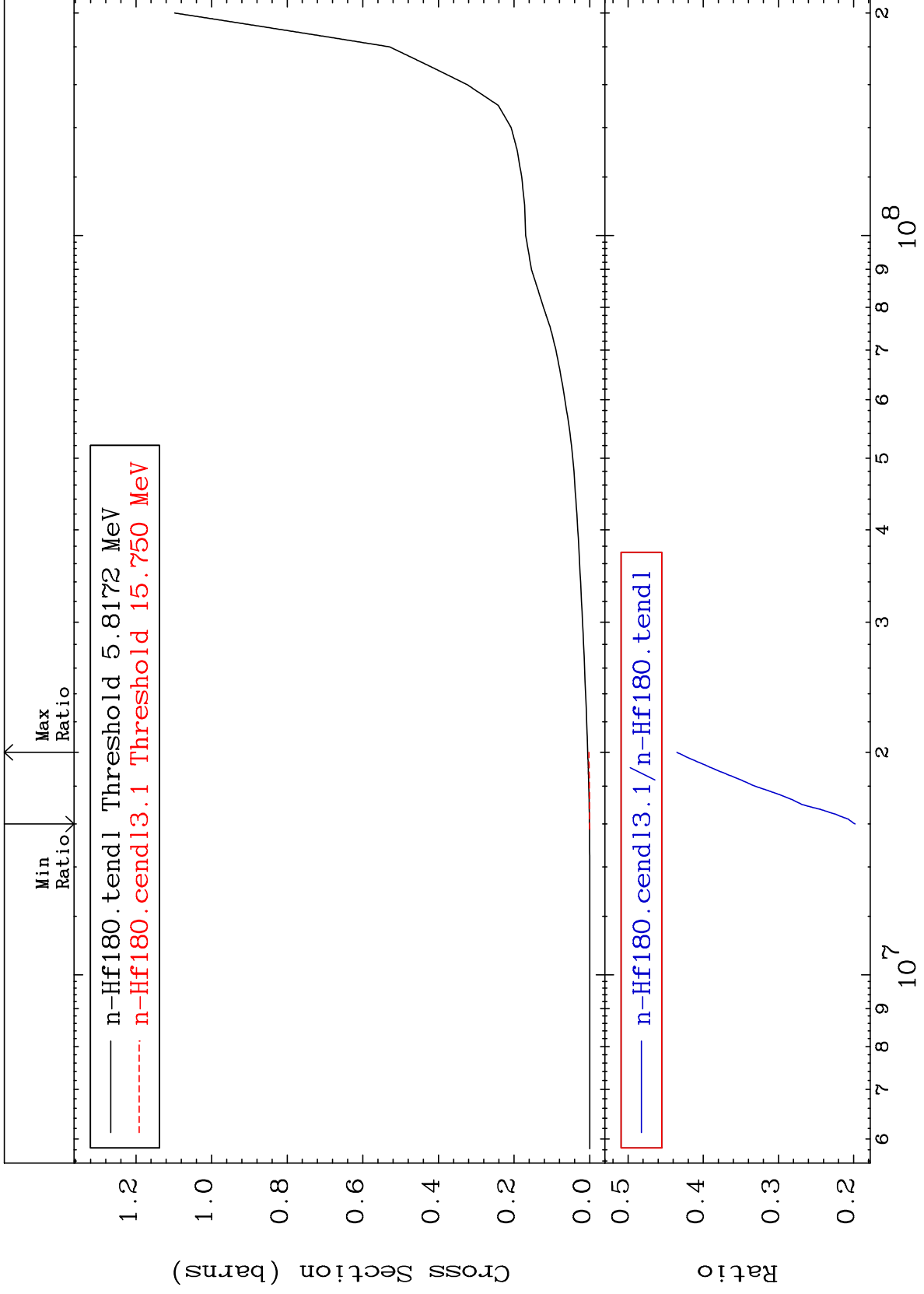
72-Hf-180



MAT 7243

Deuterium Production
Cross Section

$^{72}\text{Hf-180}$
-80.20 To -56.49%



19

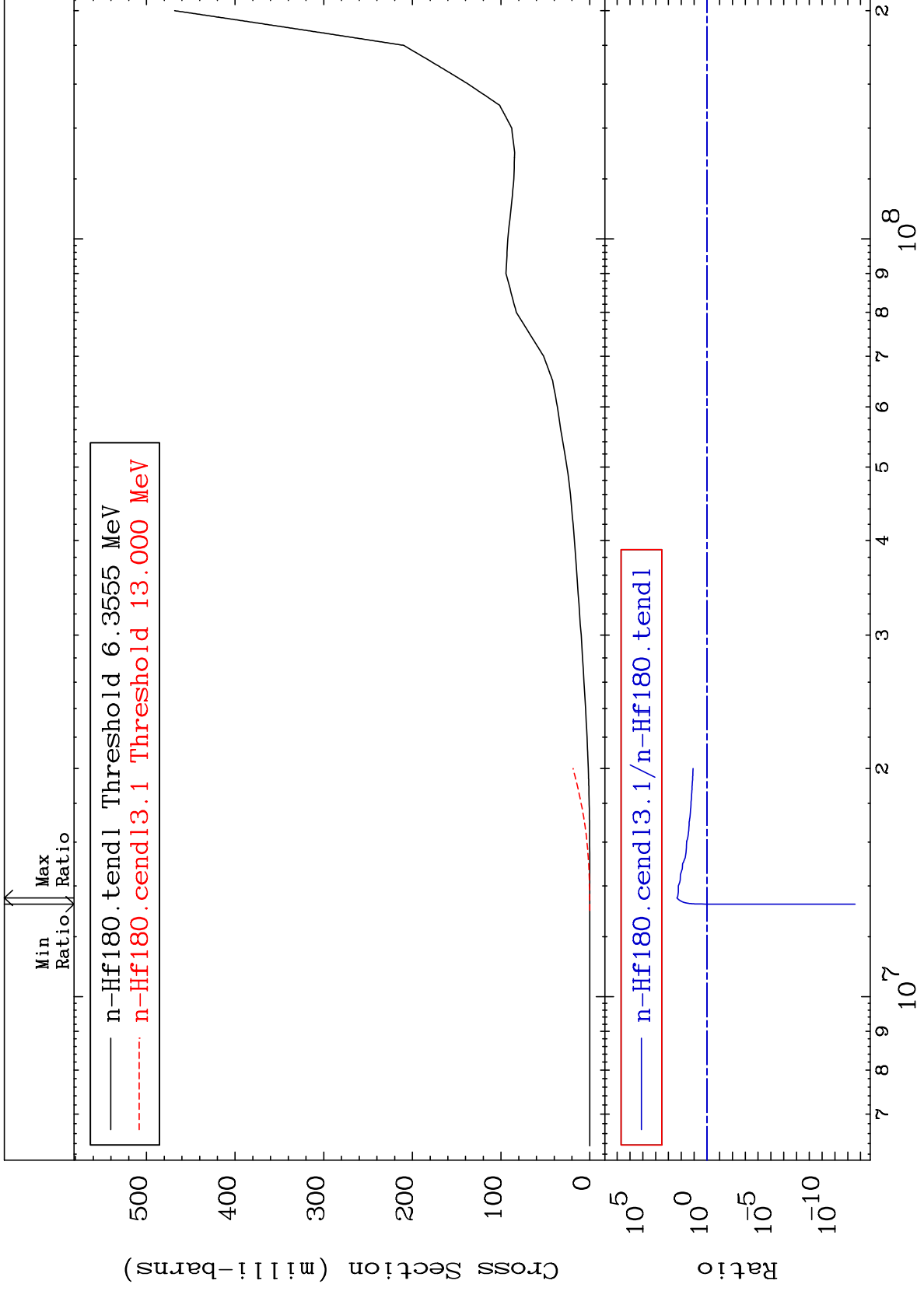
Incident Energy (eV)

$^{72}\text{Hf-180}$

MAT 7243

Tritium Production
Cross Section

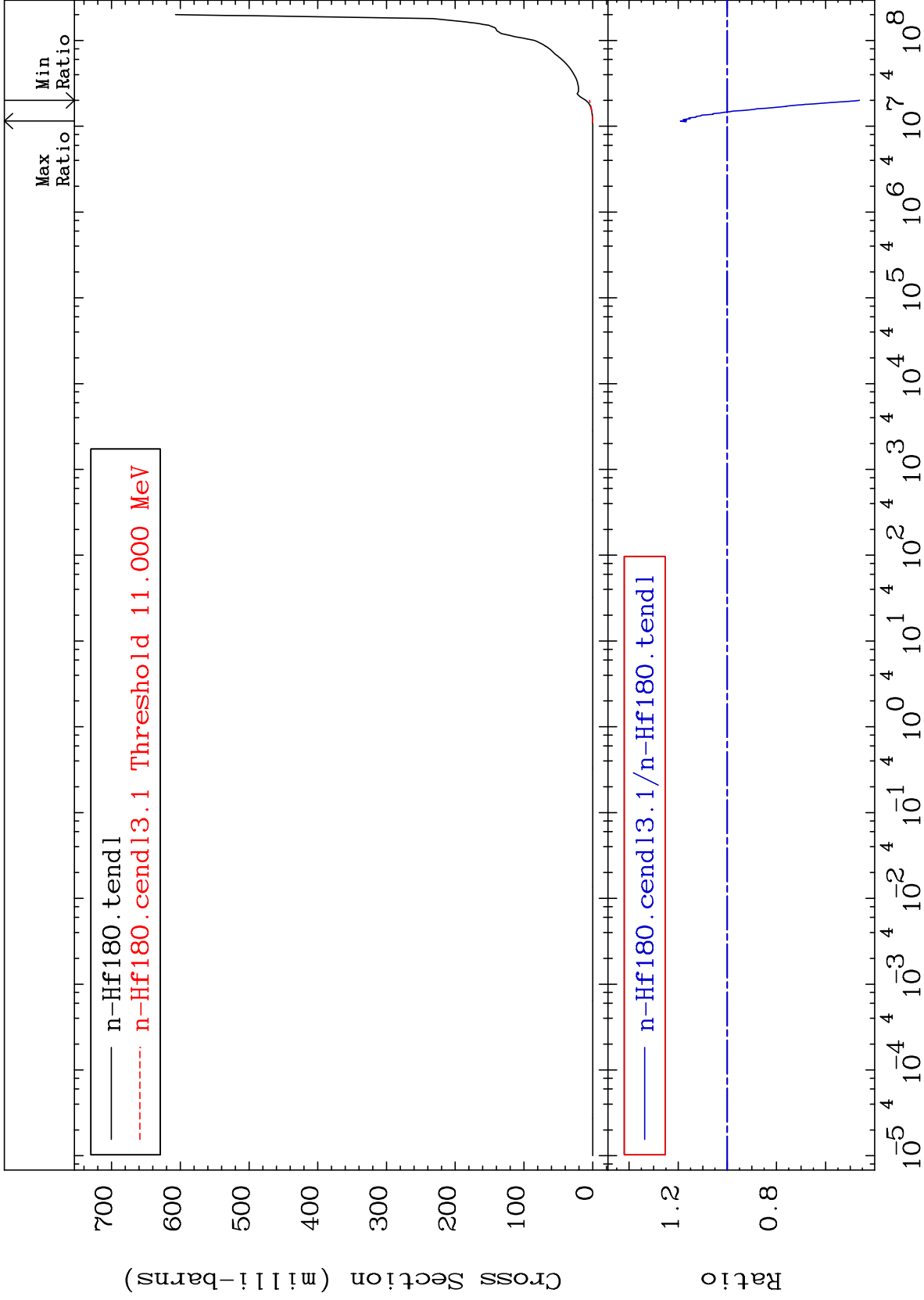
72-Hf-180
-100.0 To 9999. %

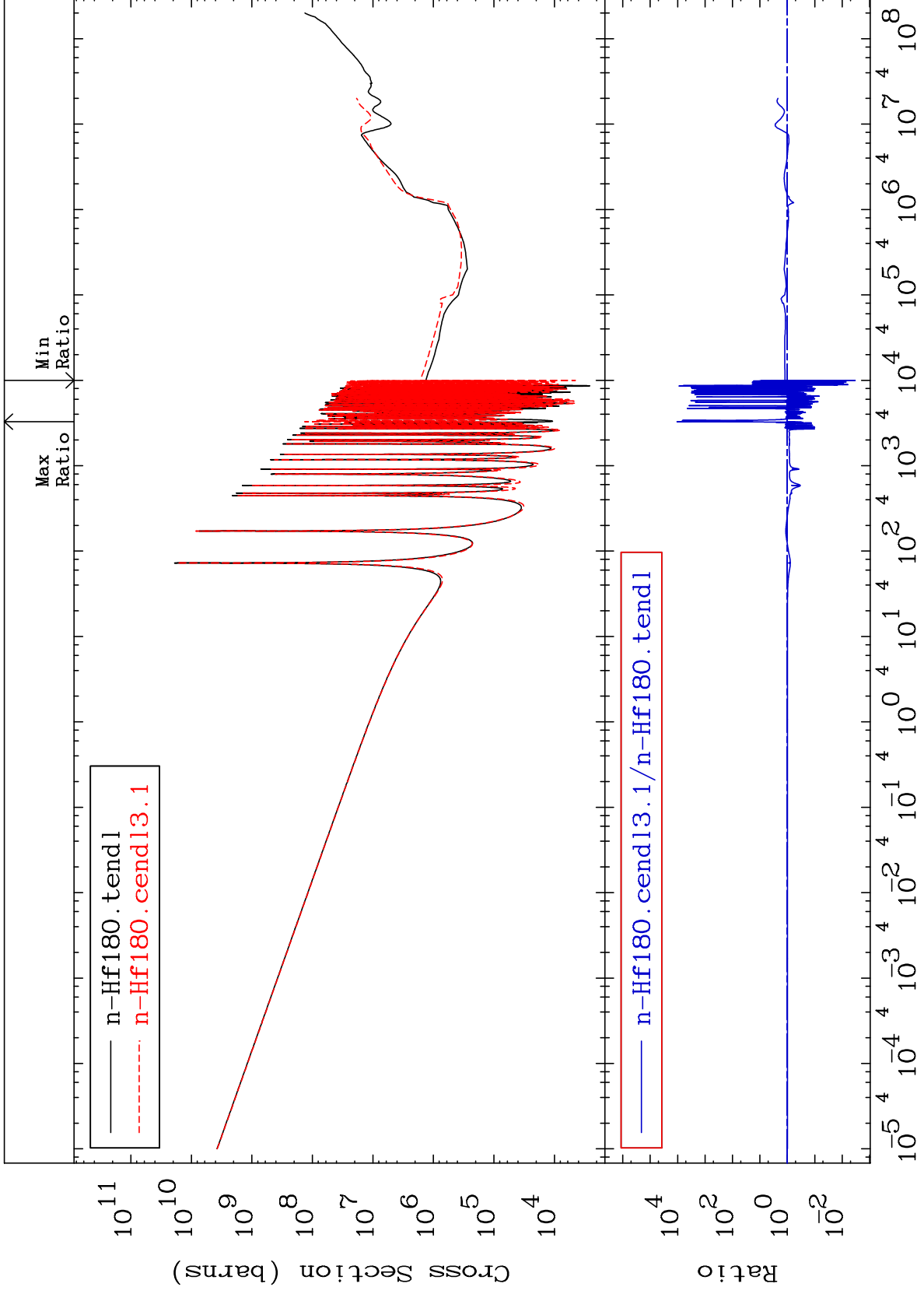


MAT 7243

He-4 Production
Cross Section

72-Hf-180
-53.77 To 19.10 %

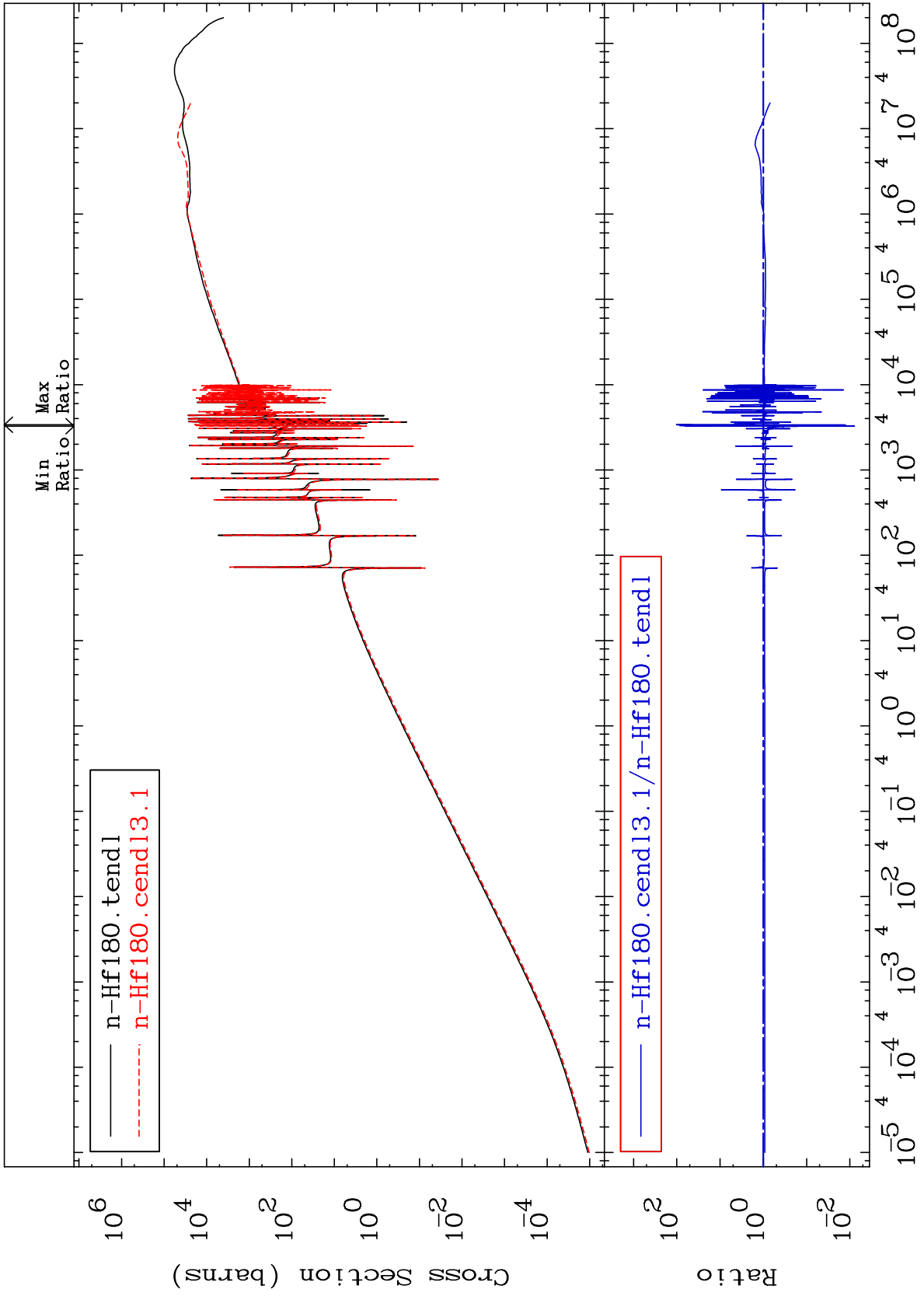


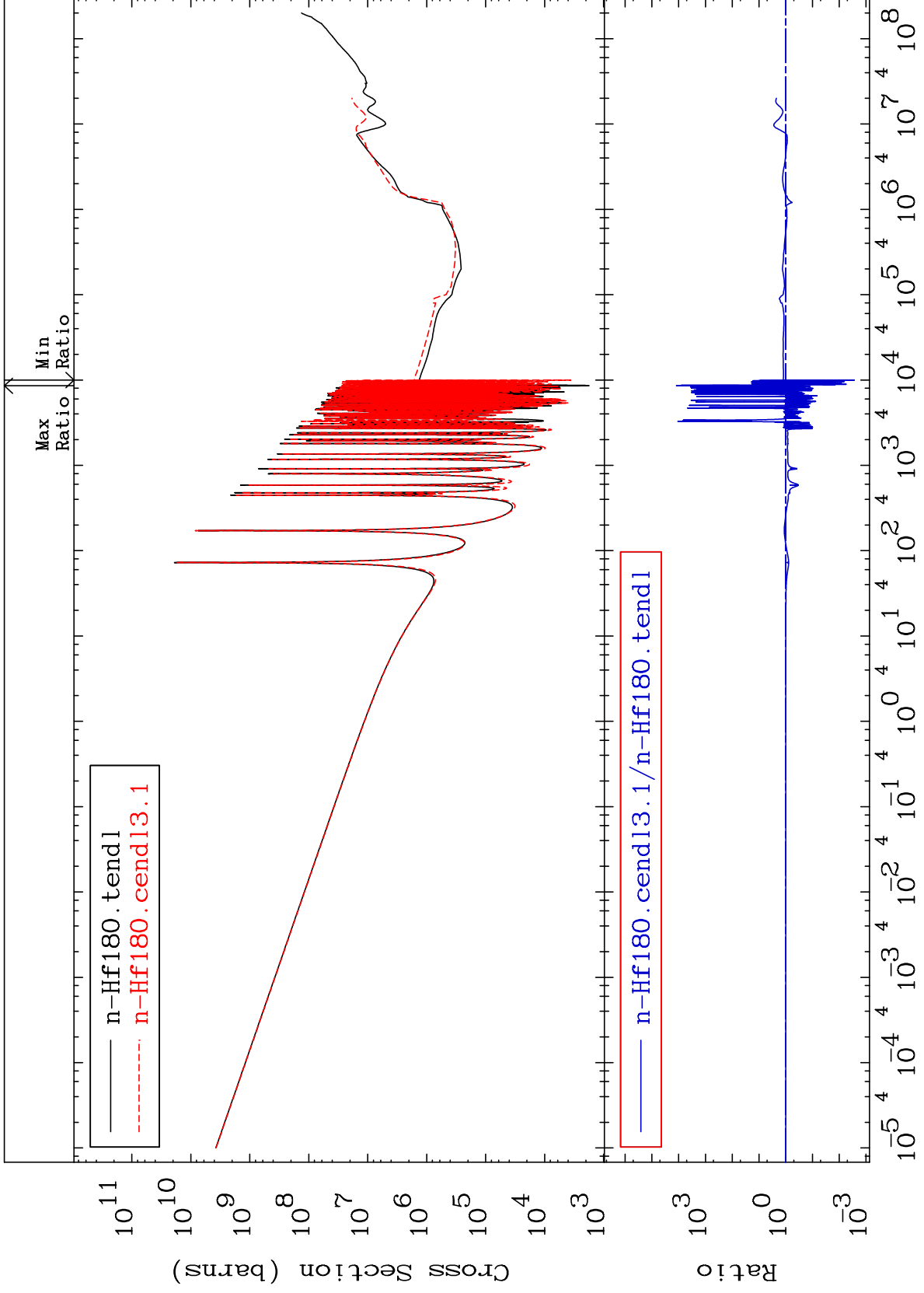


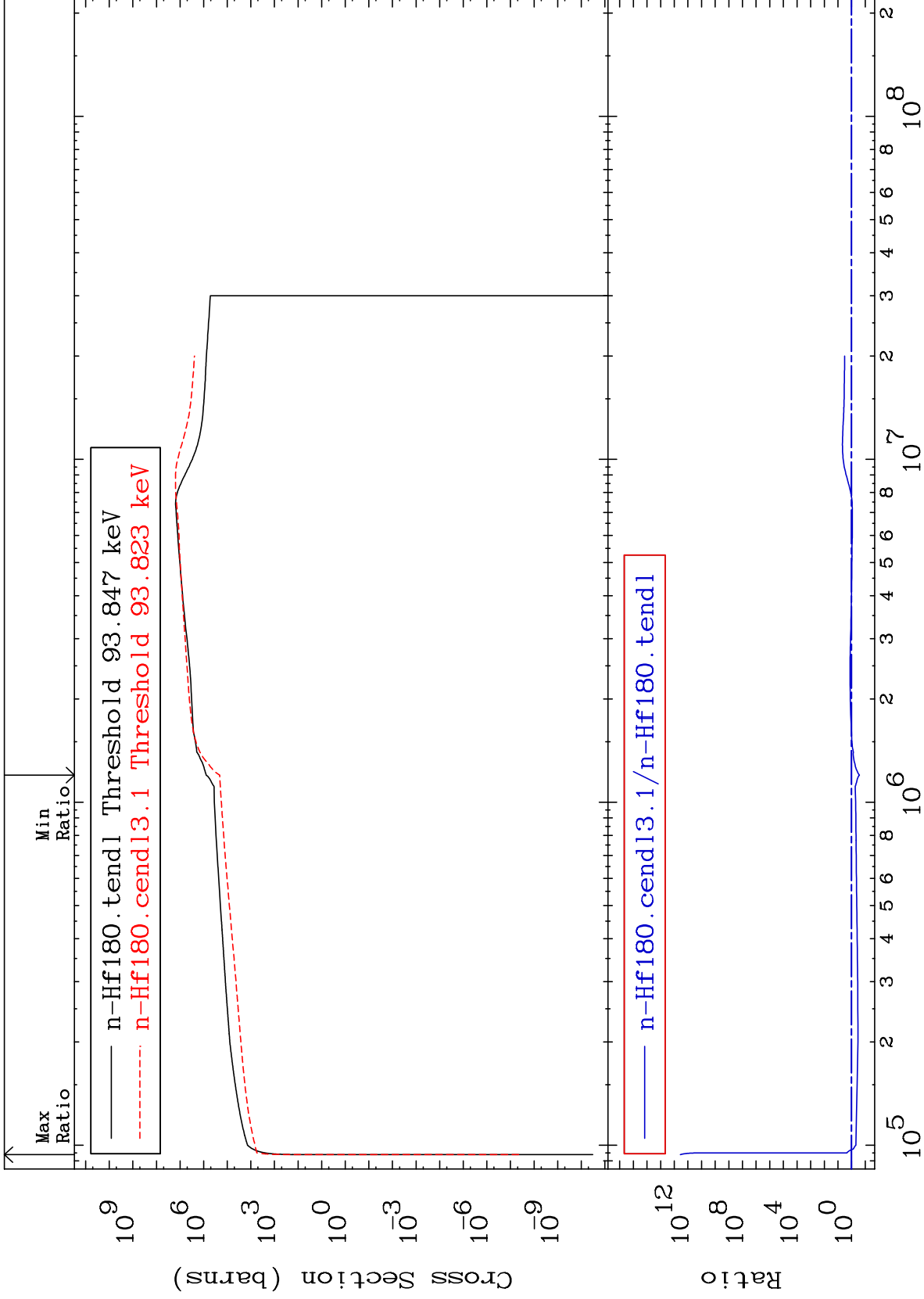
MAT 7243

Kerma elastic
Cross Section

72-Hf-180
-99.21 To 9999. %



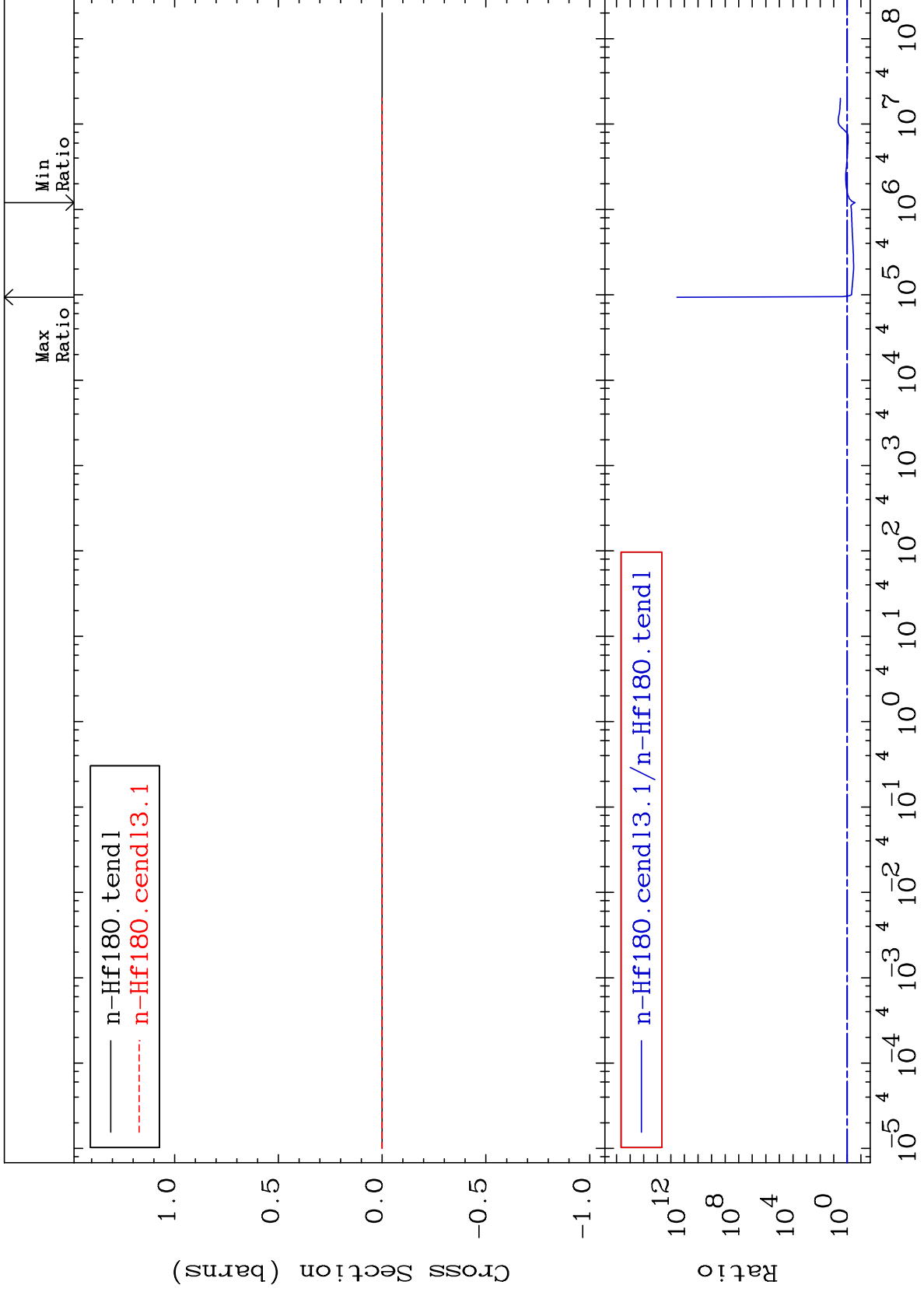




MAT 7243

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

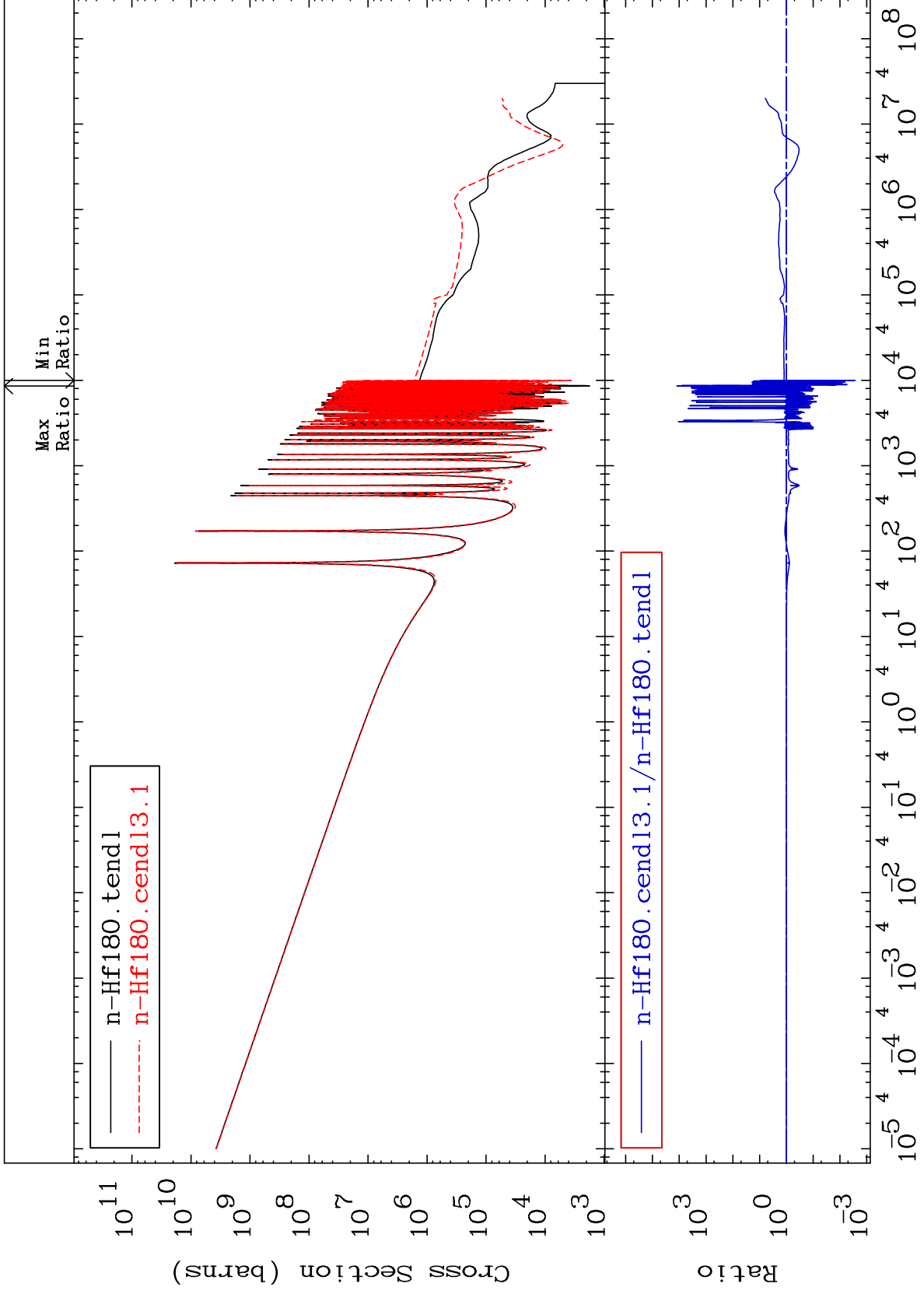
72-Hf-180
-73.42 To 9999. %



MAT 7243

Kerma capture (mt102)
Cross Section

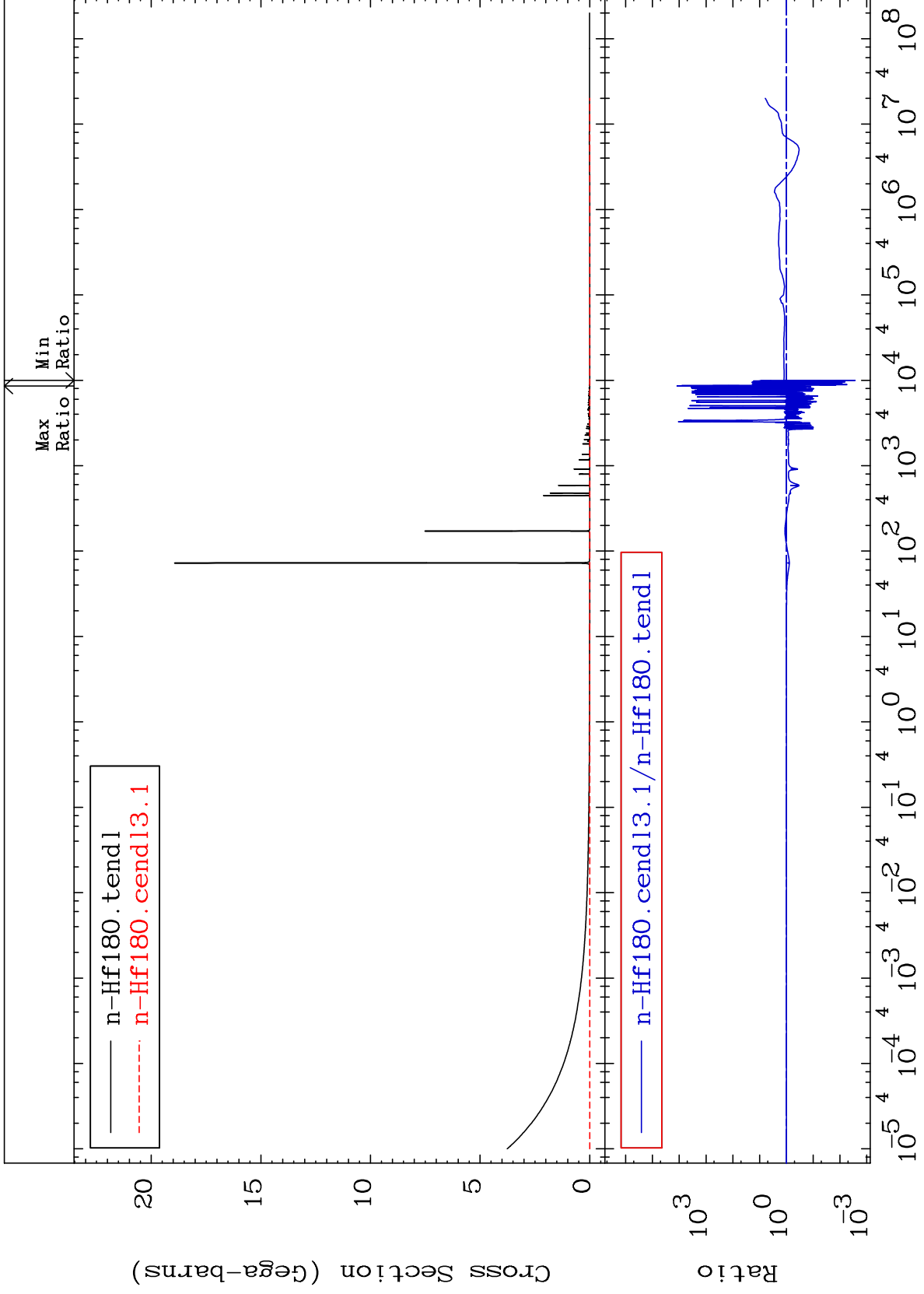
⁷²Hf-180
-99.73 To 9999. %



MAT 7243

Total photon (eV-barns)
Cross Section

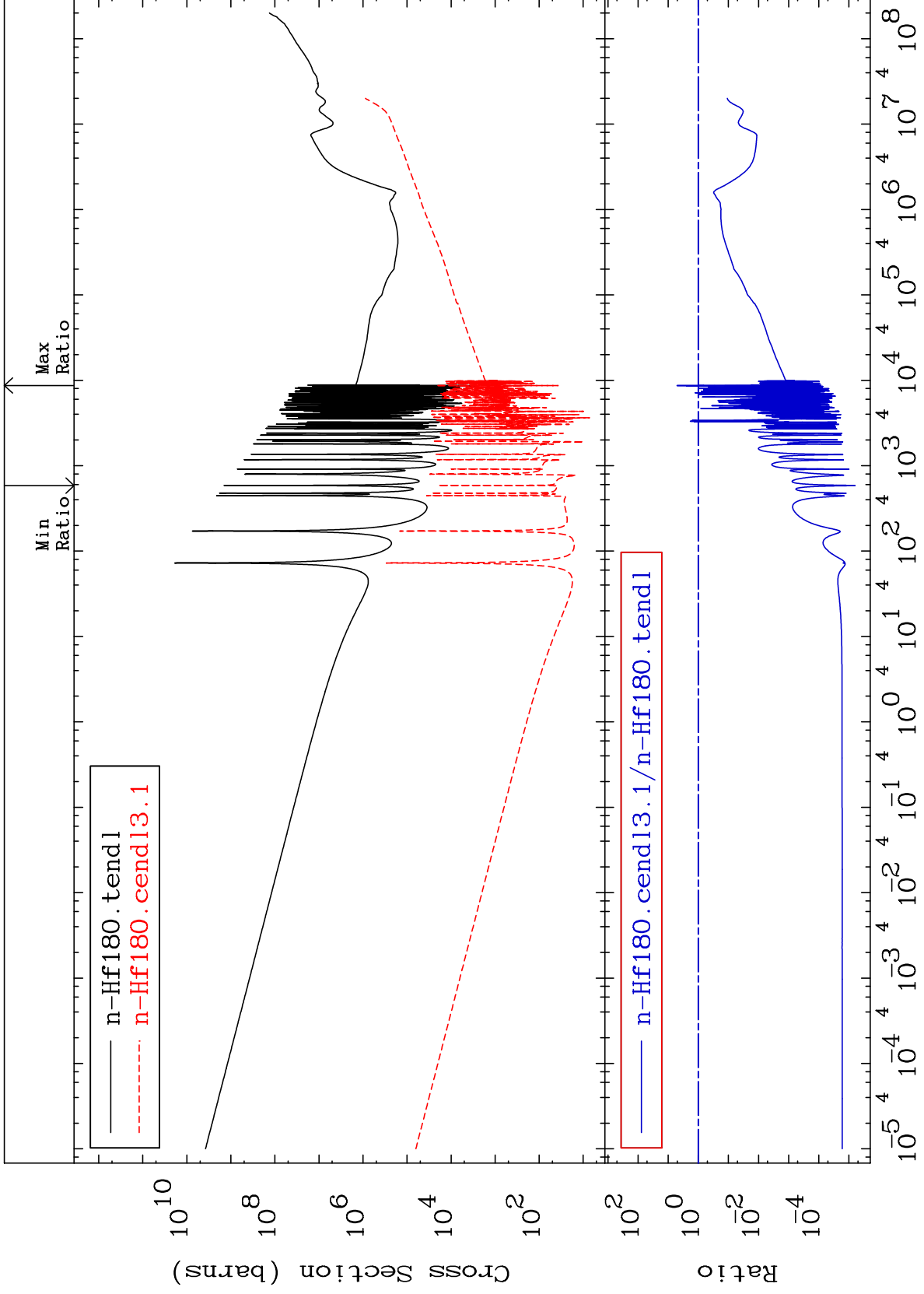
72-Hf-180
-99.73 To 9999. %



28

Incident Energy (eV)

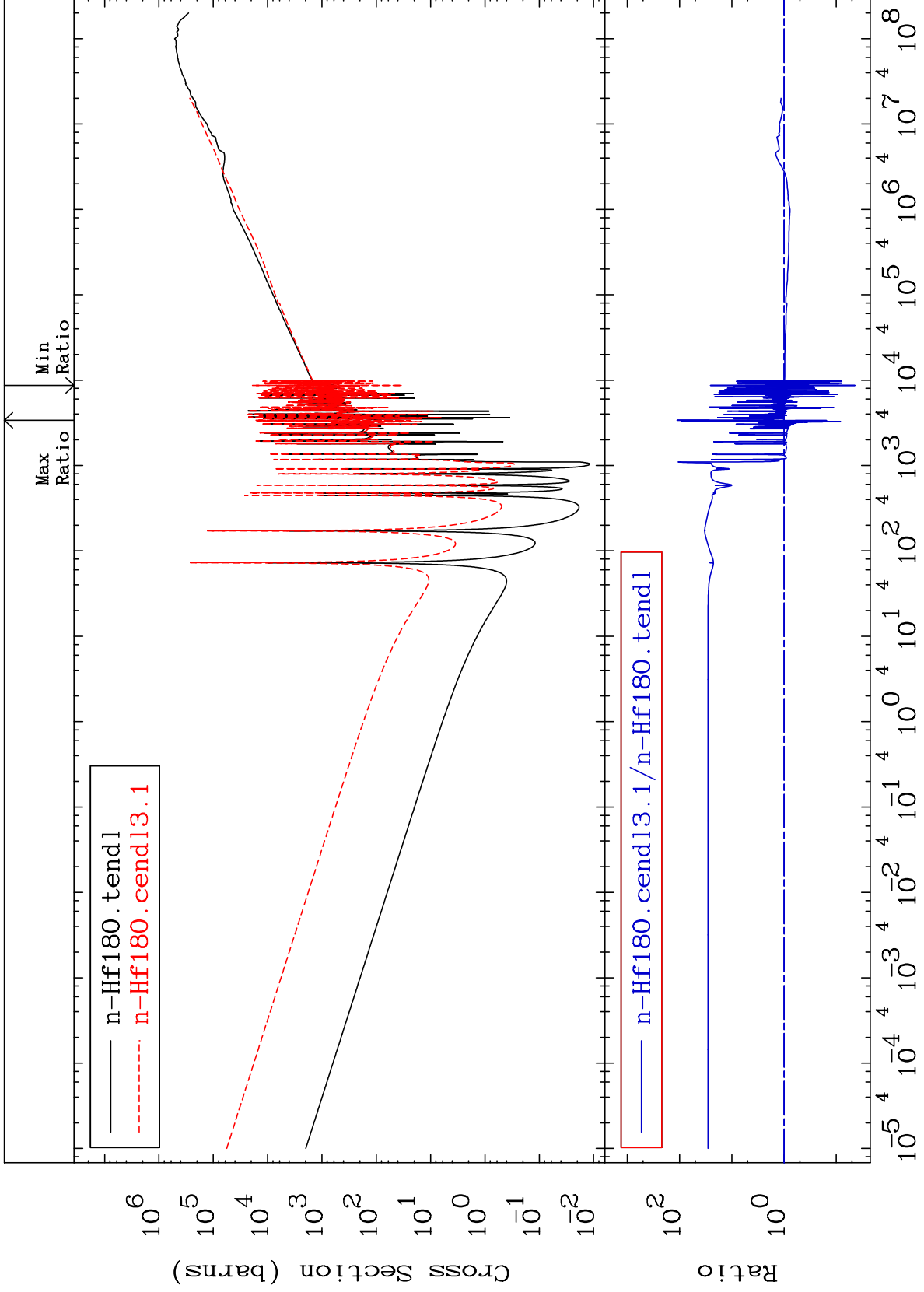
72-Hf-180



MAT 7243

Dpa total (eV-barns)
Cross Section

72-Hf-180
-95.63 To 9999. %



30

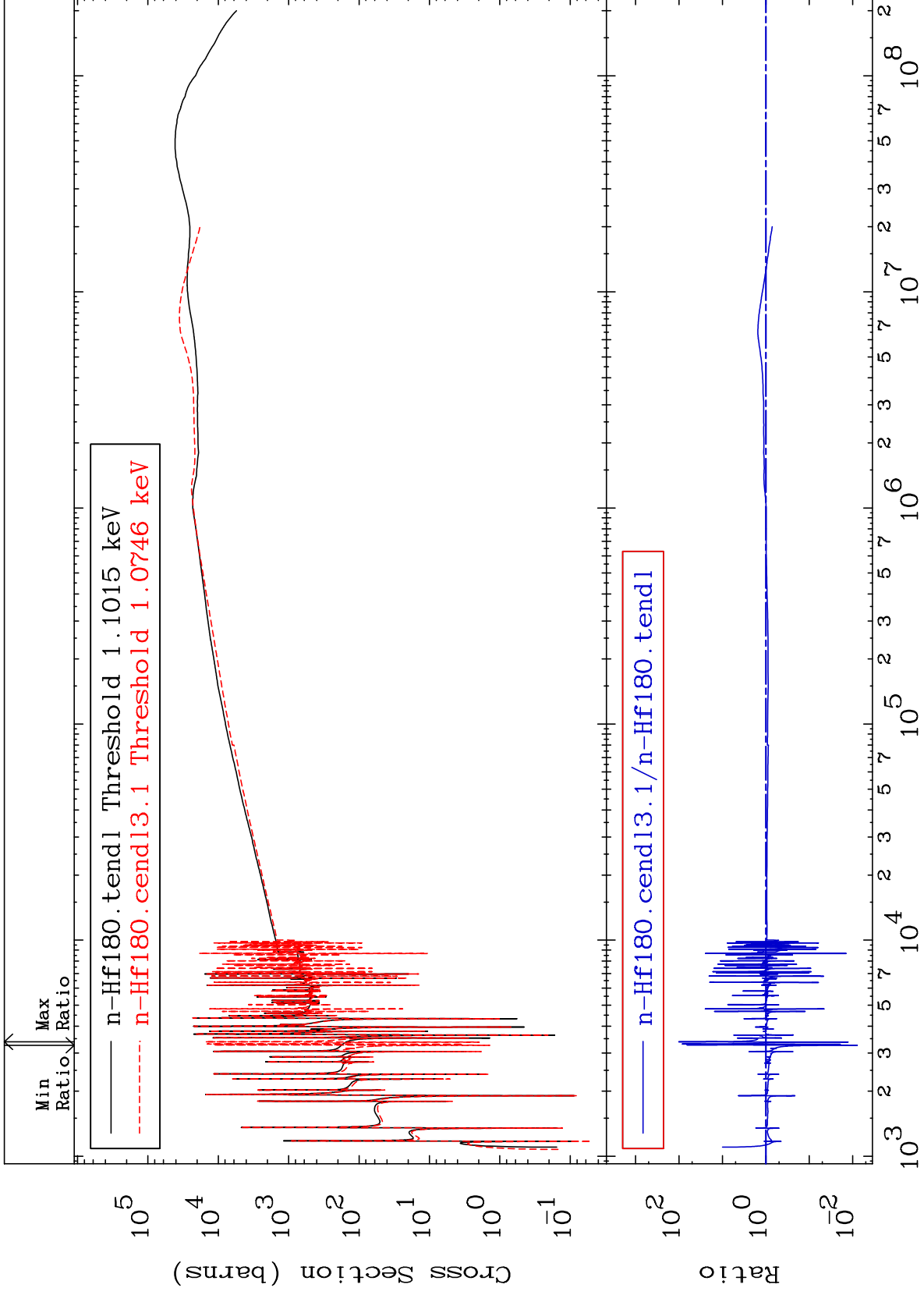
Incident Energy (eV)

72-Hf-180

MAT 7243

Dpa elastic (mt2)
Cross Section

72-Hf-180
-99.21 To 9999. %



31

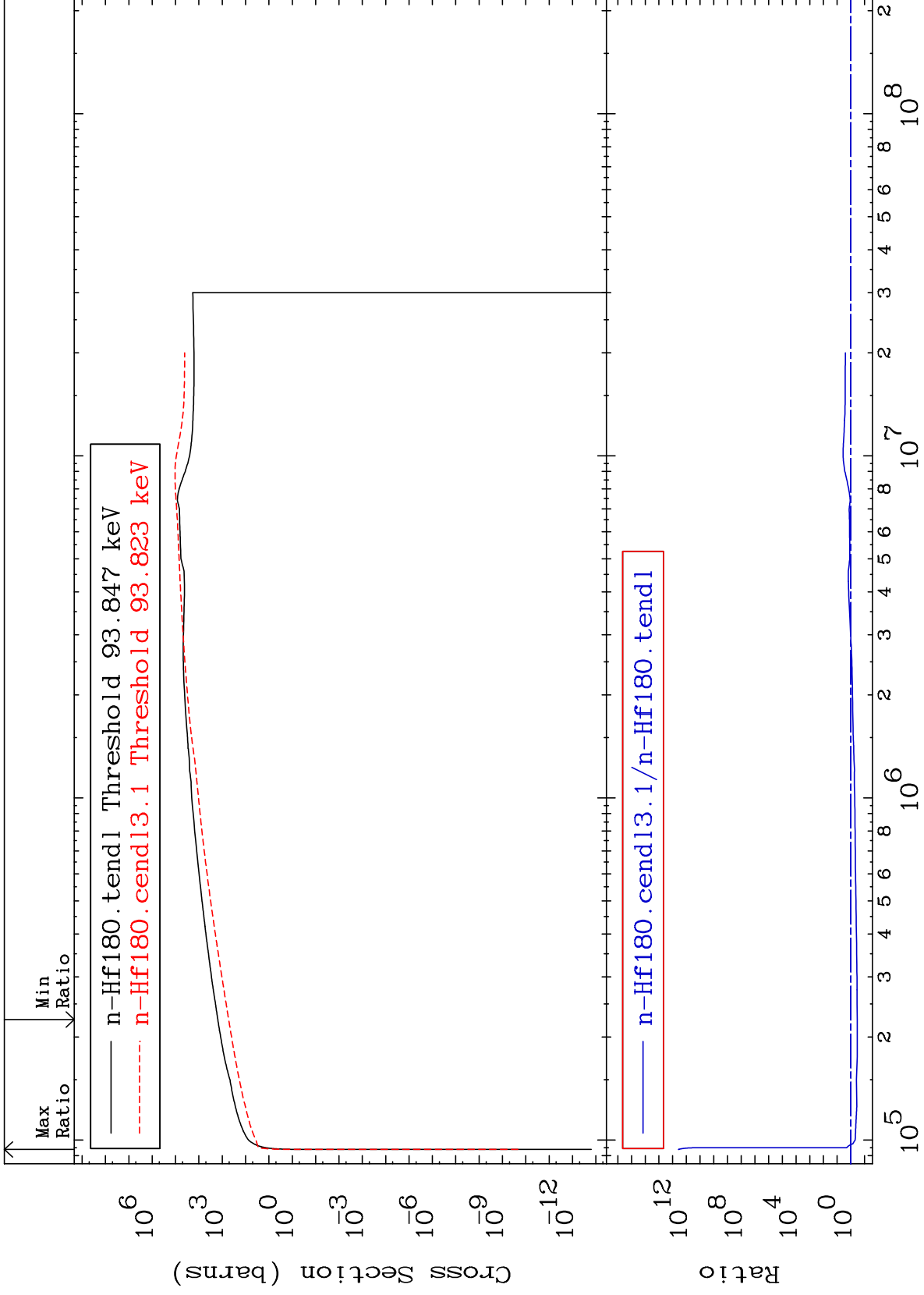
Incident Energy (eV)

72-Hf-180

MAT 7243

Dpa inelastic (mt51-91)
Cross Section

72-Hf-180
-65.81 To 9999. %



32

Incident Energy (eV)

72-Hf-180

