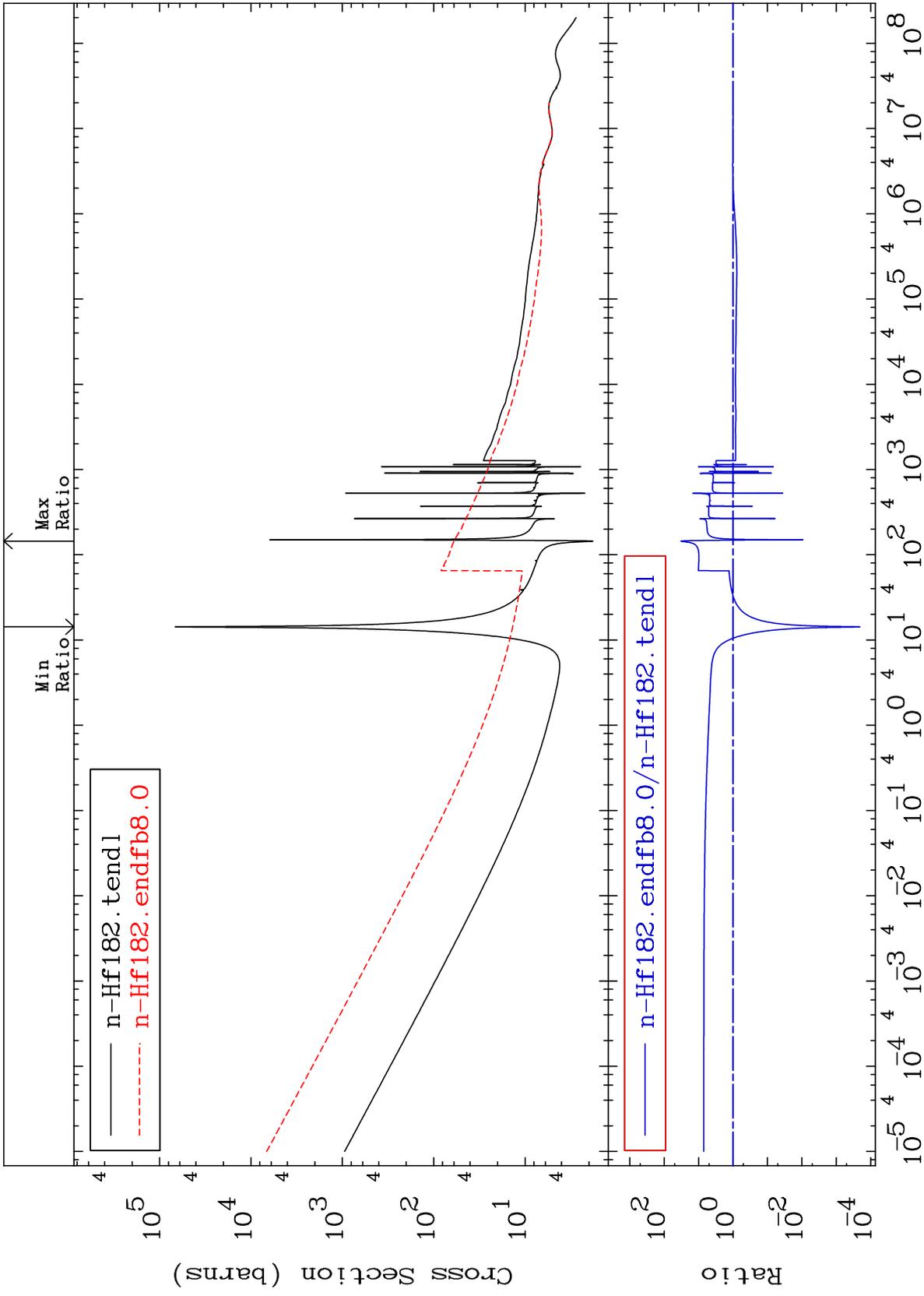


MAT 7249

Total
Cross Section

72-Hf-182
-99.98 To 3213. %



Incident Energy (eV)

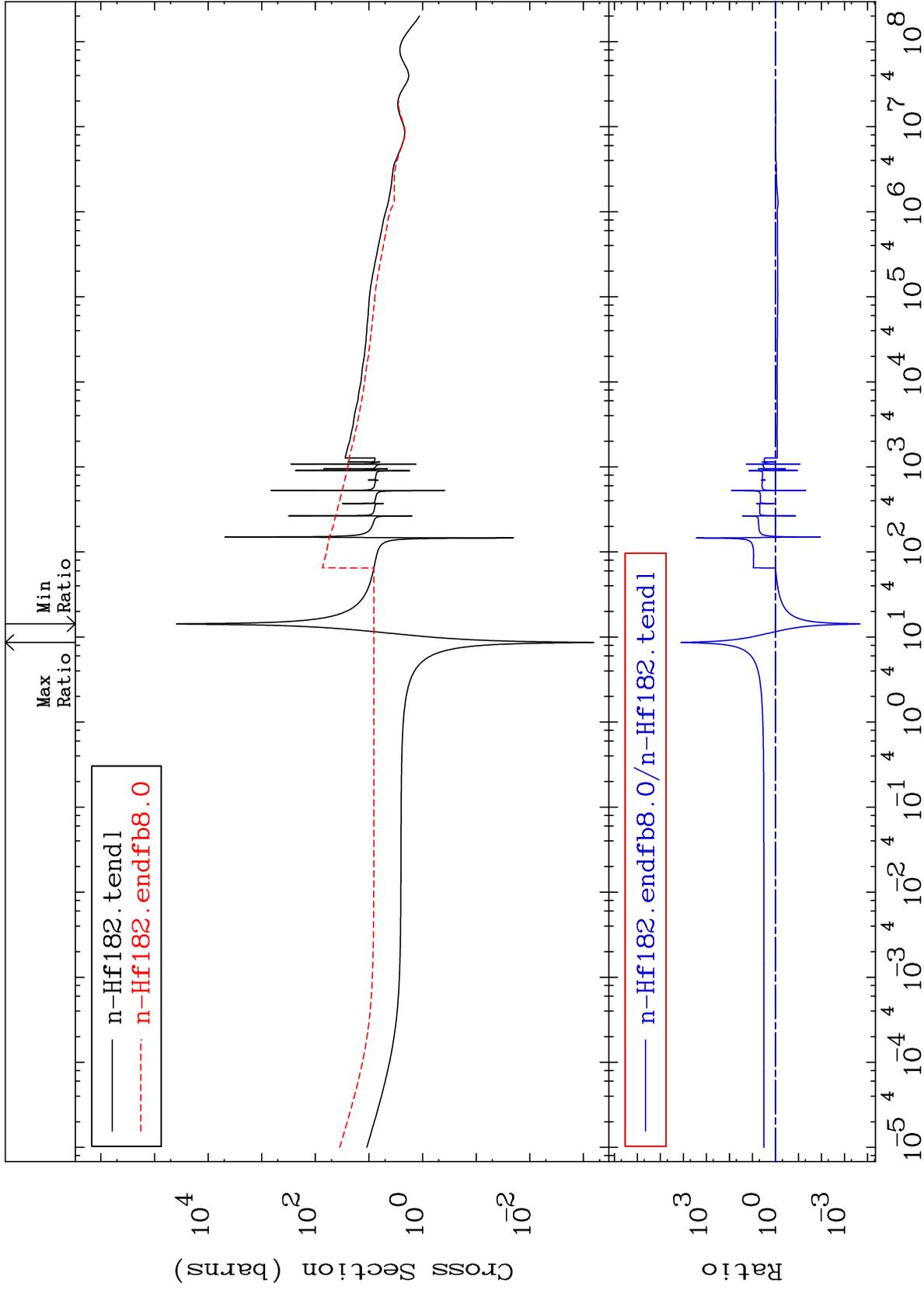
72-Hf-182

MAT 7249

Elastic
Cross Section

72-Hf-182

-99.98 To 9999. %



Incident Energy (eV)

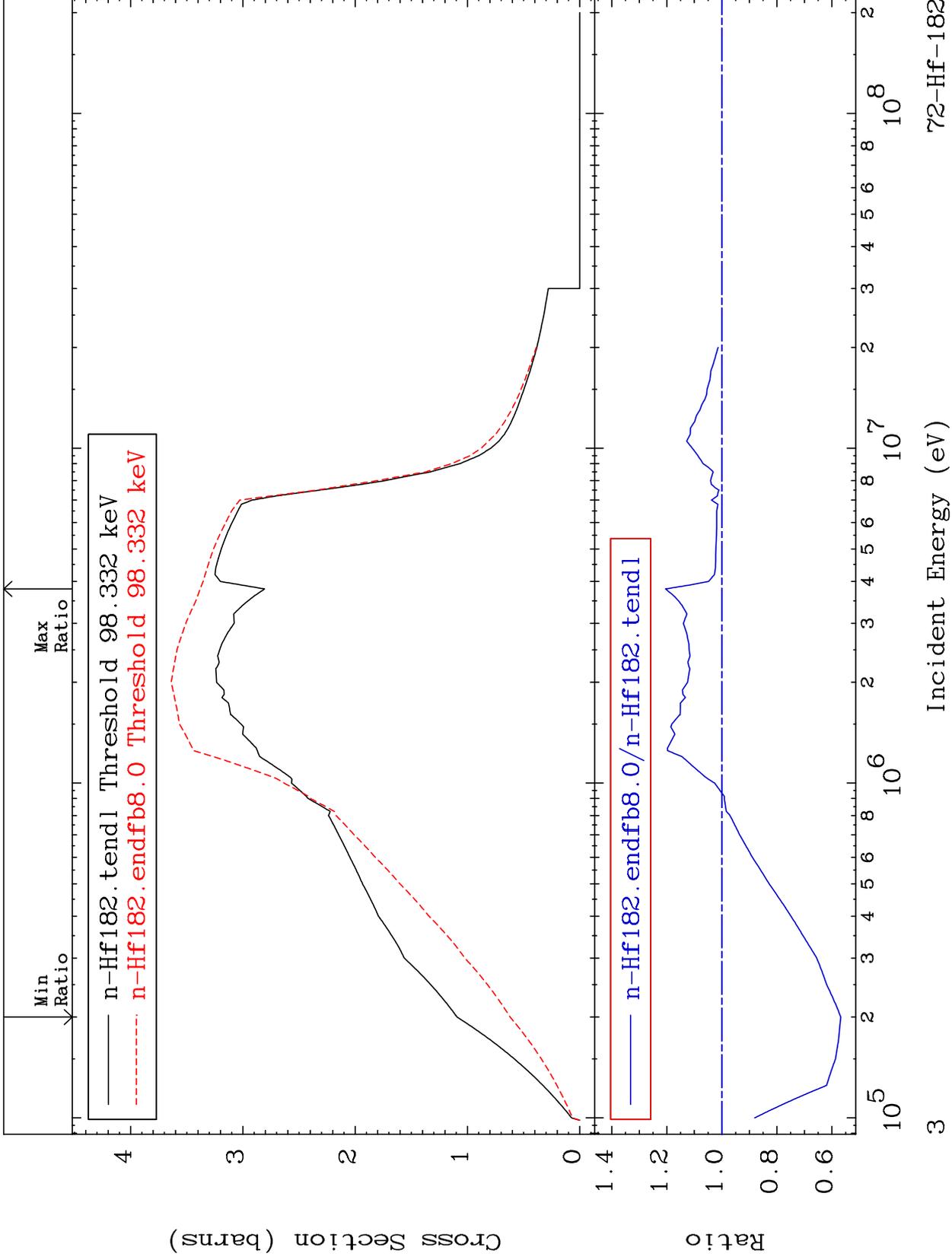
72-Hf-182

2

MAT 7249

Inelastic
Cross Section

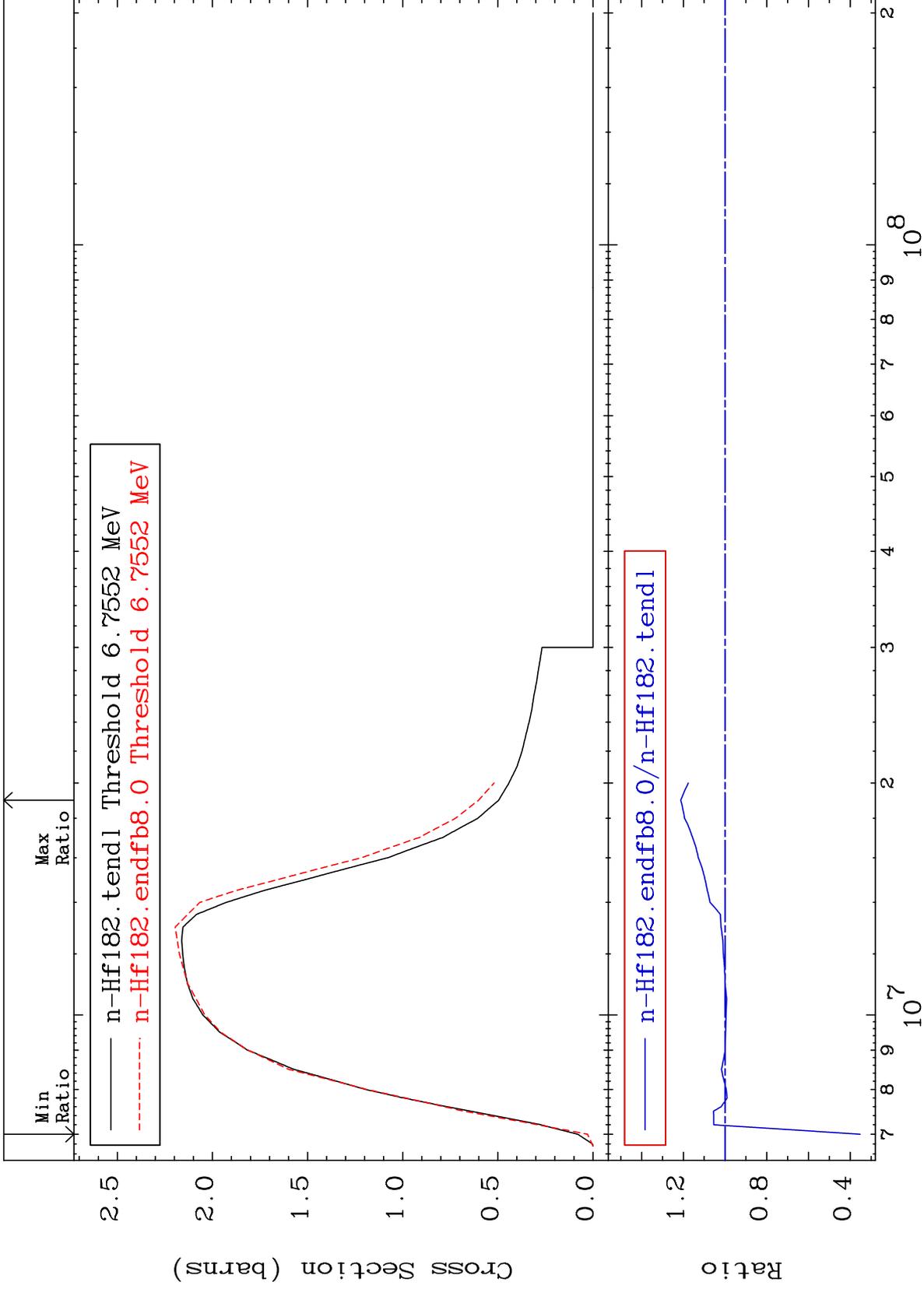
72-Hf-182
-43.24 To 20.48 %

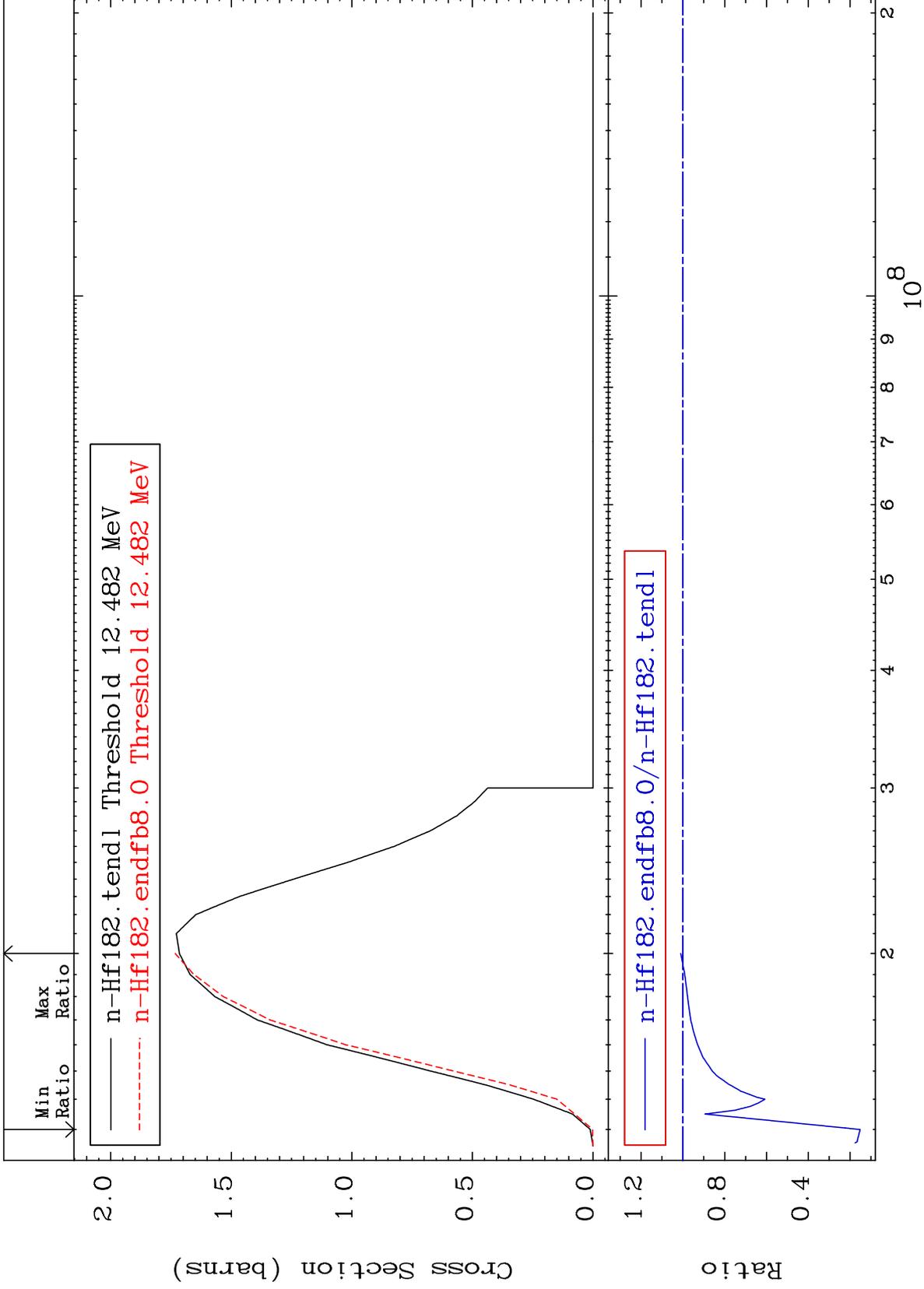


MAT 7249

(n,2n)
Cross Section

72-Hf-182
-64.74 To 21.23 %

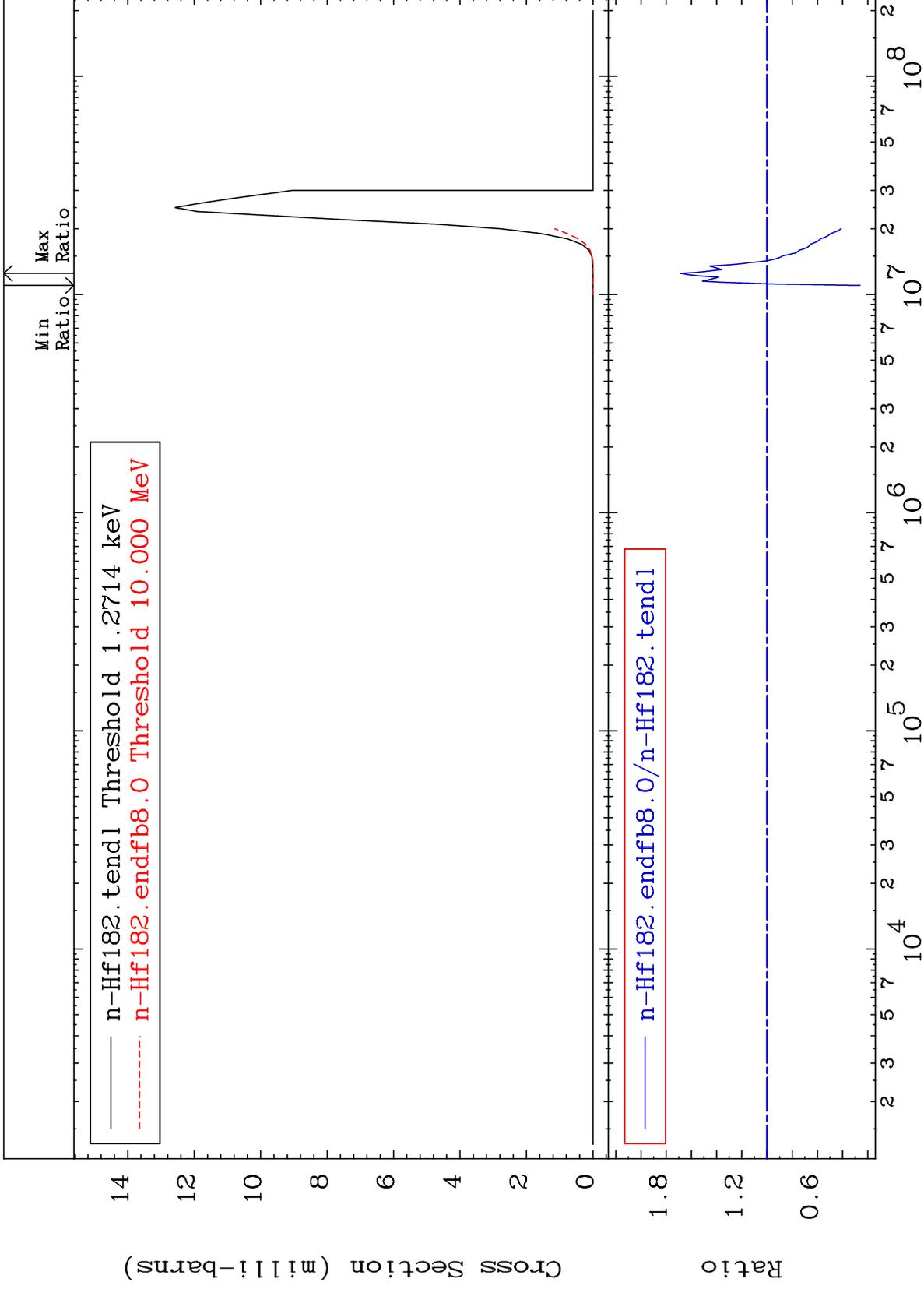




MAT 7249

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

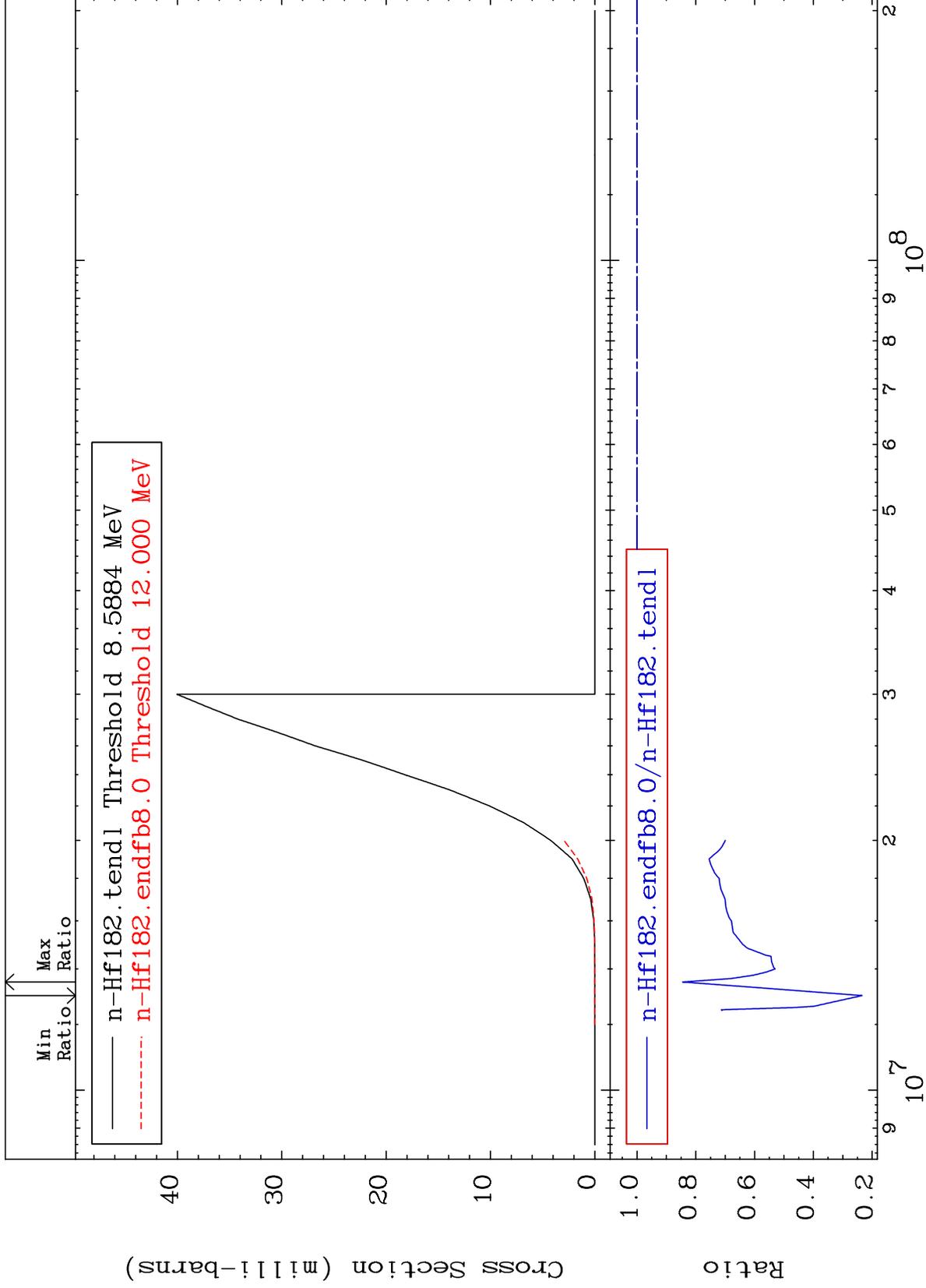
72-Hf-182
-73.85 To 68.41 %



MAT 7249

(n,n') p
Cross Section

⁷²Hf-182
-76.56 To -15.52%



7

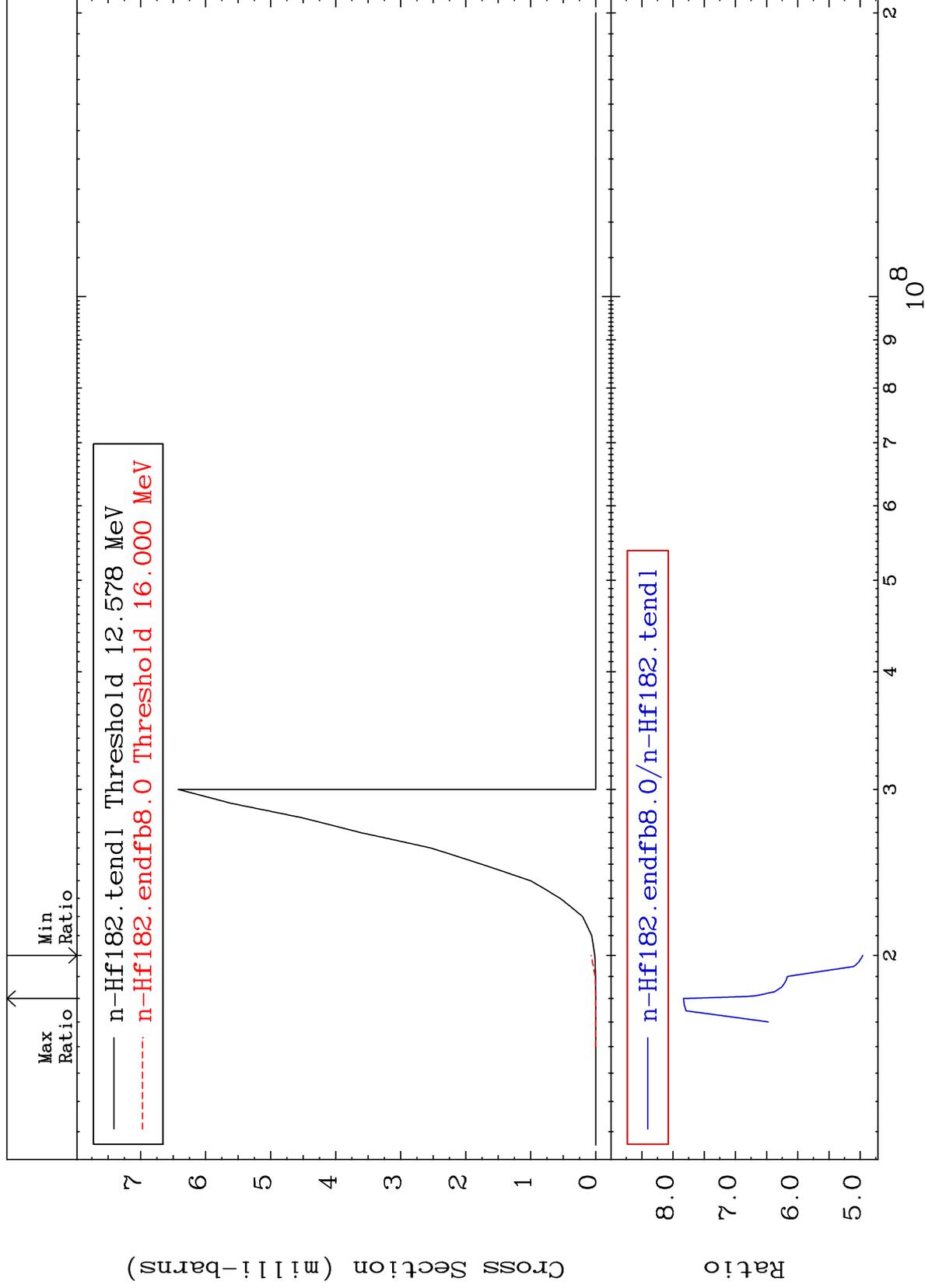
Incident Energy (eV)

⁷²Hf-182

MAT 7249

(n,n') d
Cross Section

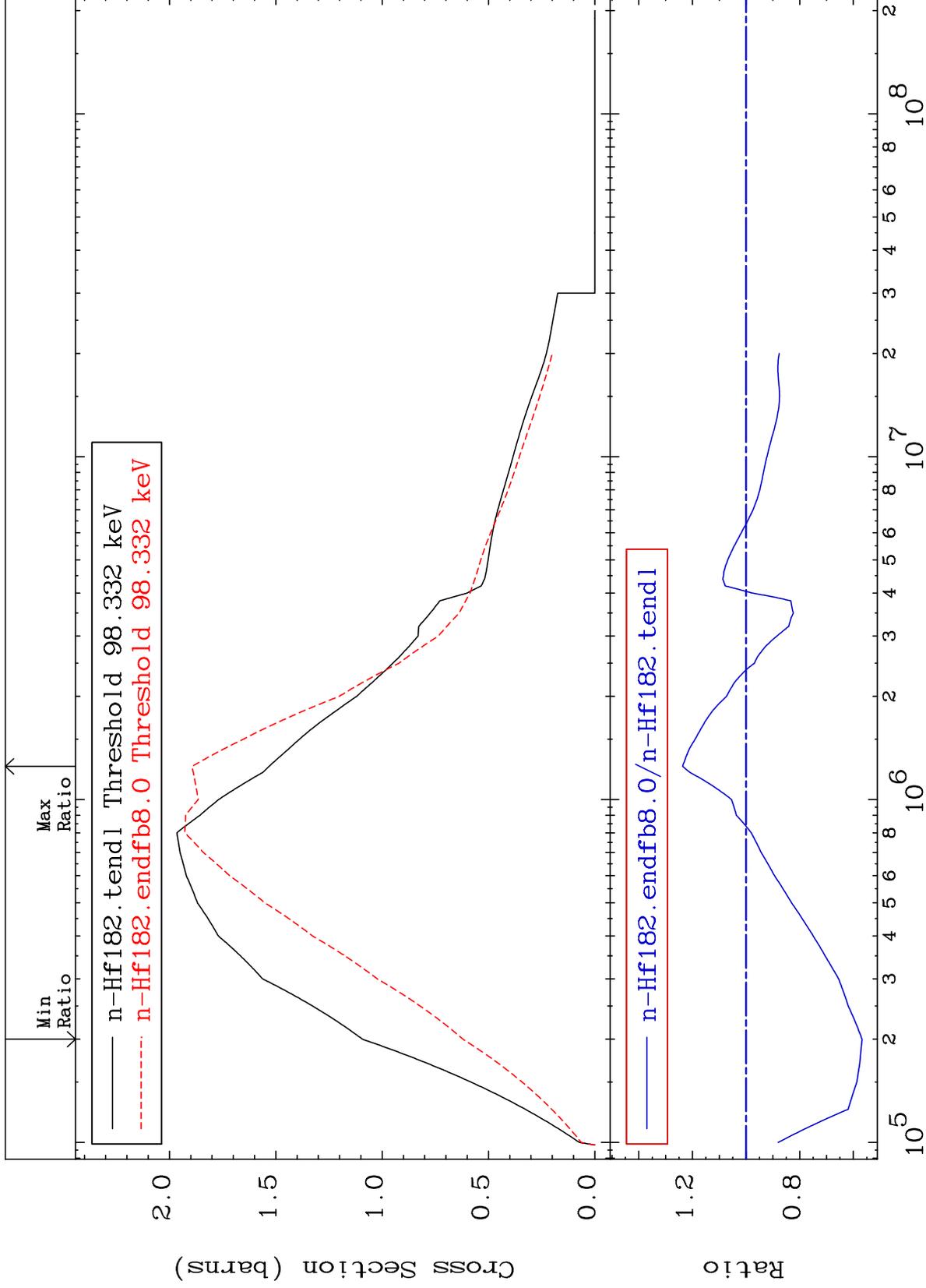
72-Hf-182
396.0 To 683.3 %



MAT 7249

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

72-Hf-182
-43.24 To 23.66 %



9

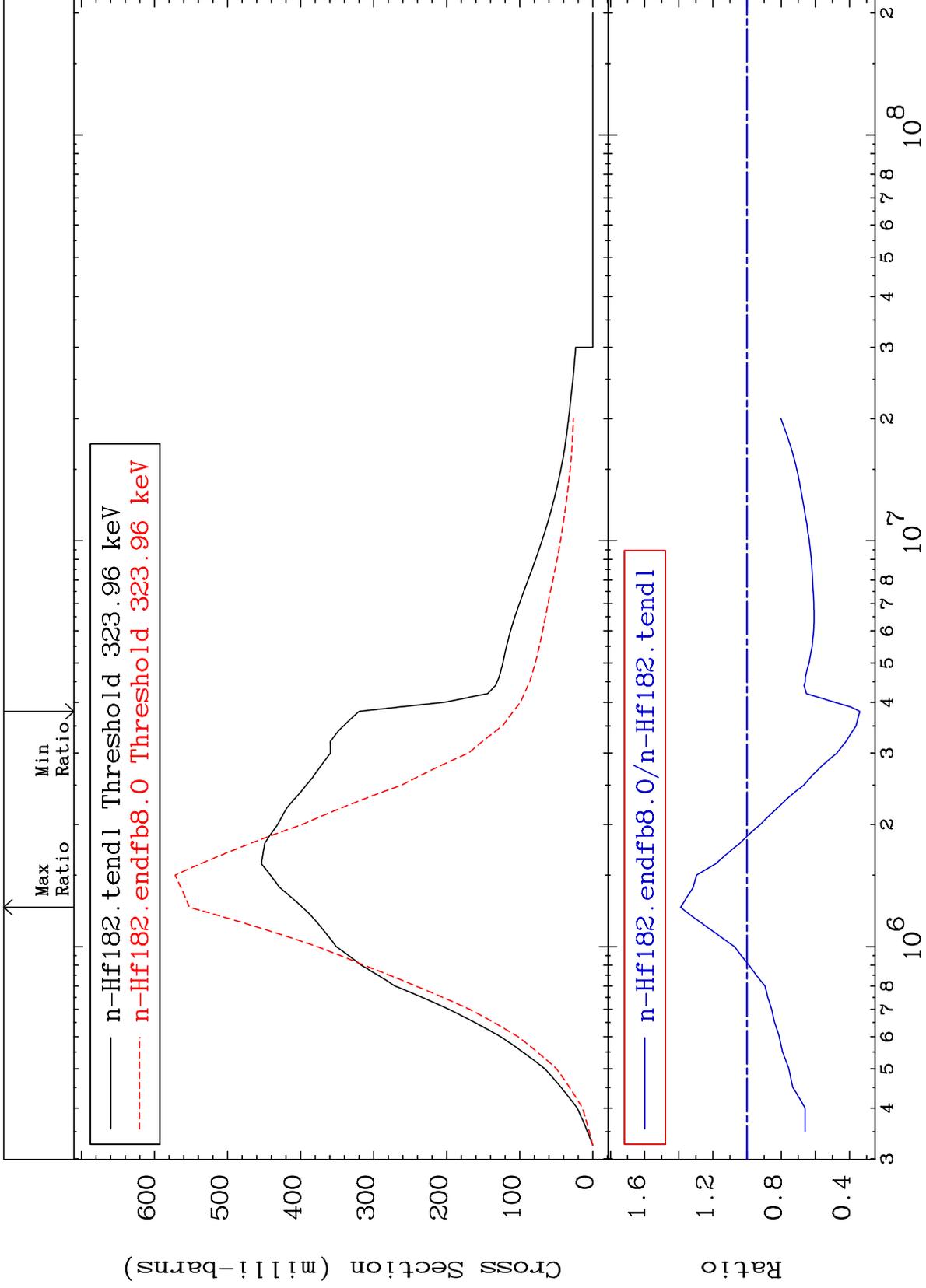
72-Hf-182

72-Hf-182

MAT 7249

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

72-Hf-182
-66.02 To 38.96 %



10

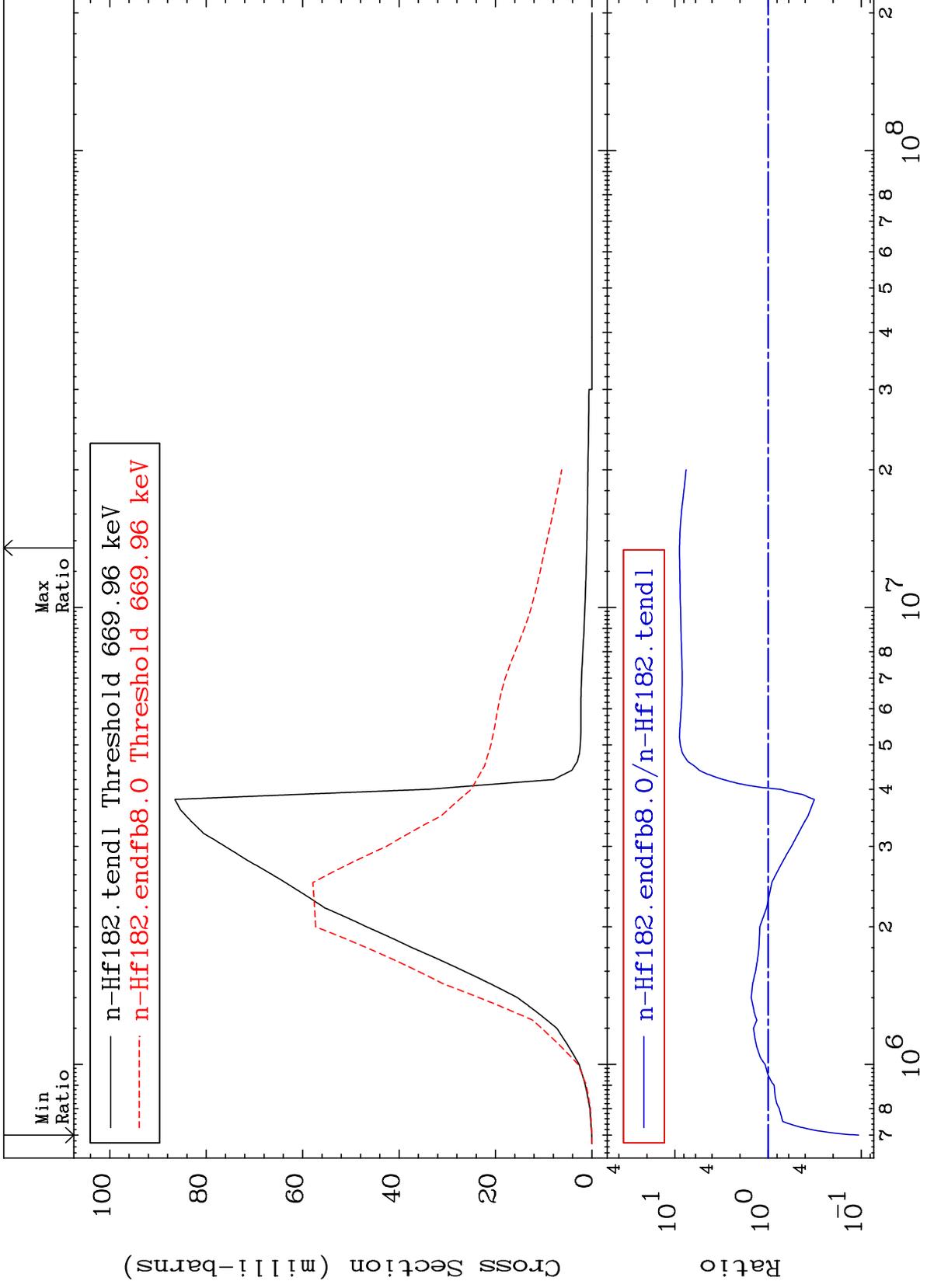
Incident Energy (eV)

72-Hf-182

MAT 7249

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

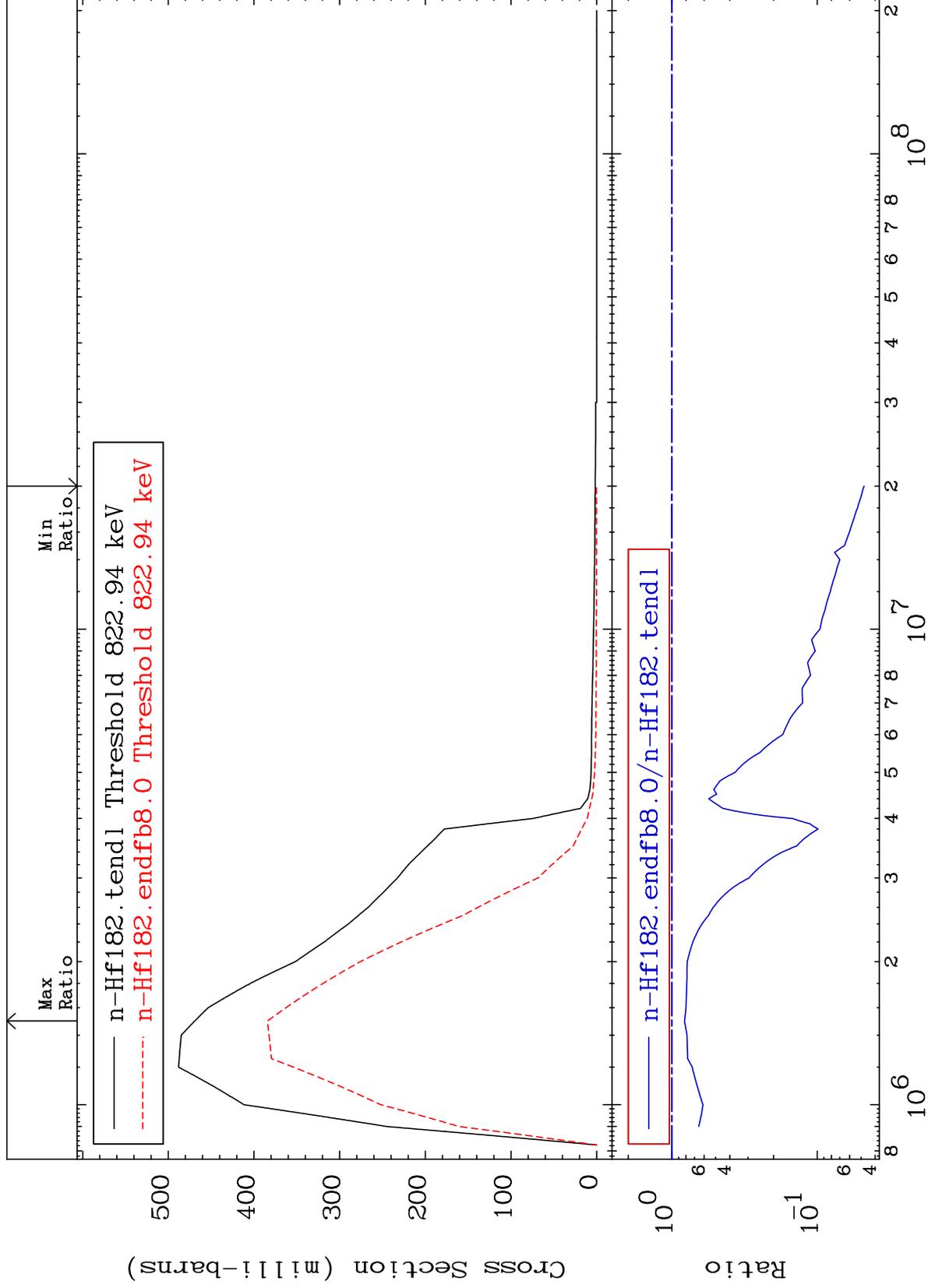
72-Hf-182
-89.33 To 792.0 %



MAT 7249

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

72-Hf-182
-95.23 To -18.10%



12

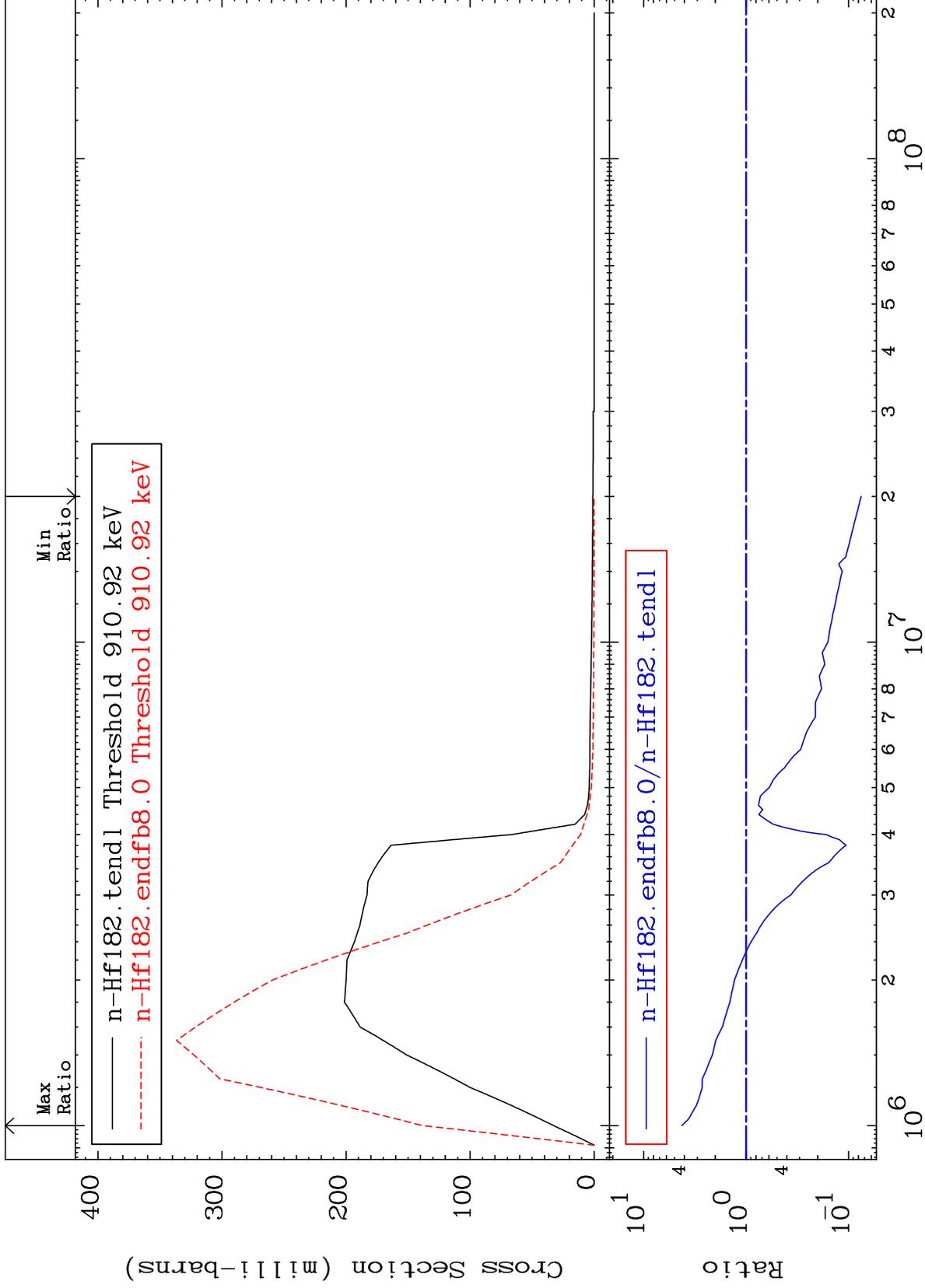
Incident Energy (eV)

72-Hf-182

MAT 7249

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

72-Hf-182
-92.46 To 323.0 %



13

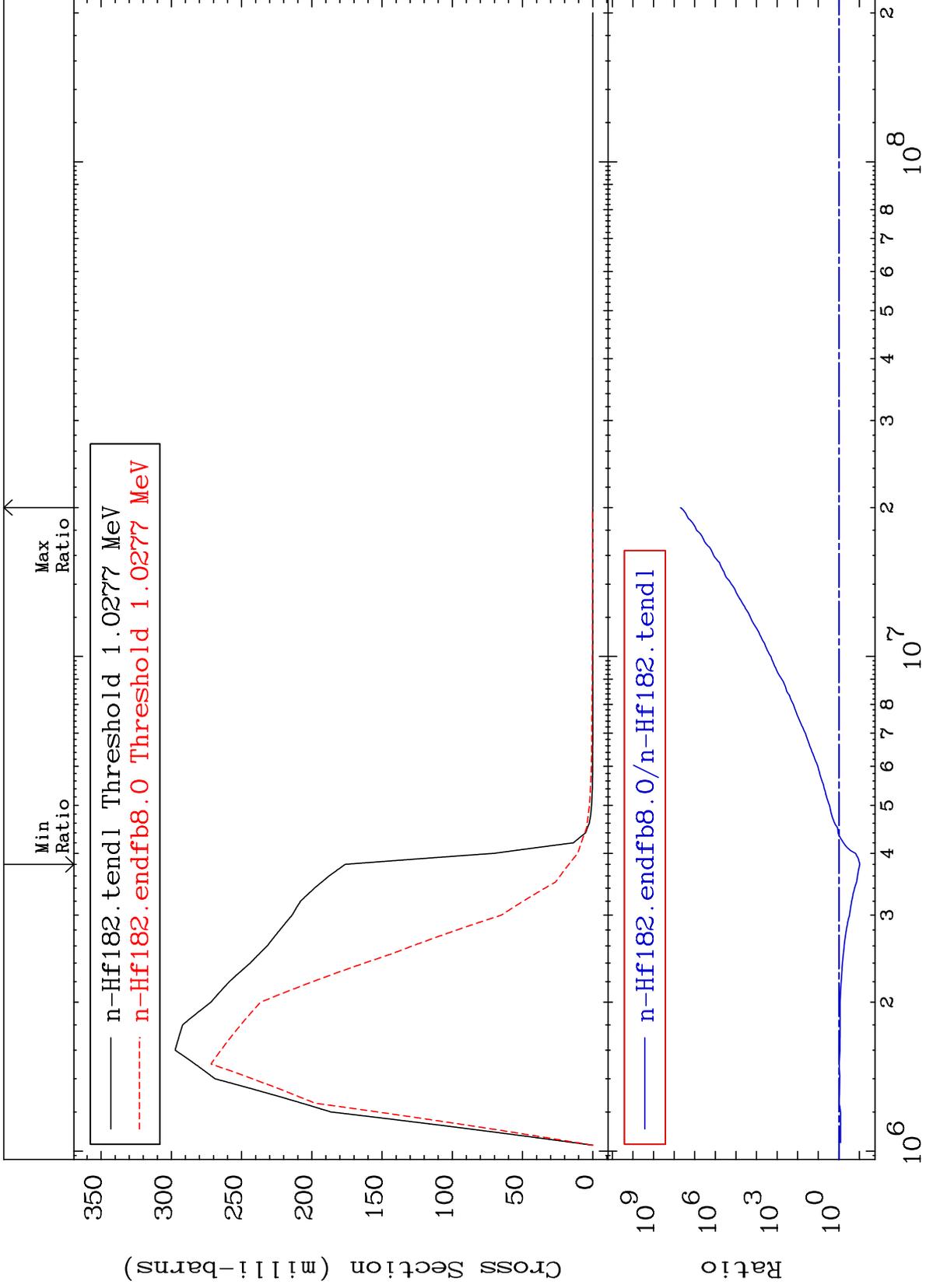
Incident Energy (eV)

72-Hf-182

MAT 7249

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

72-Hf-182
-90.35 To 9999. %



14

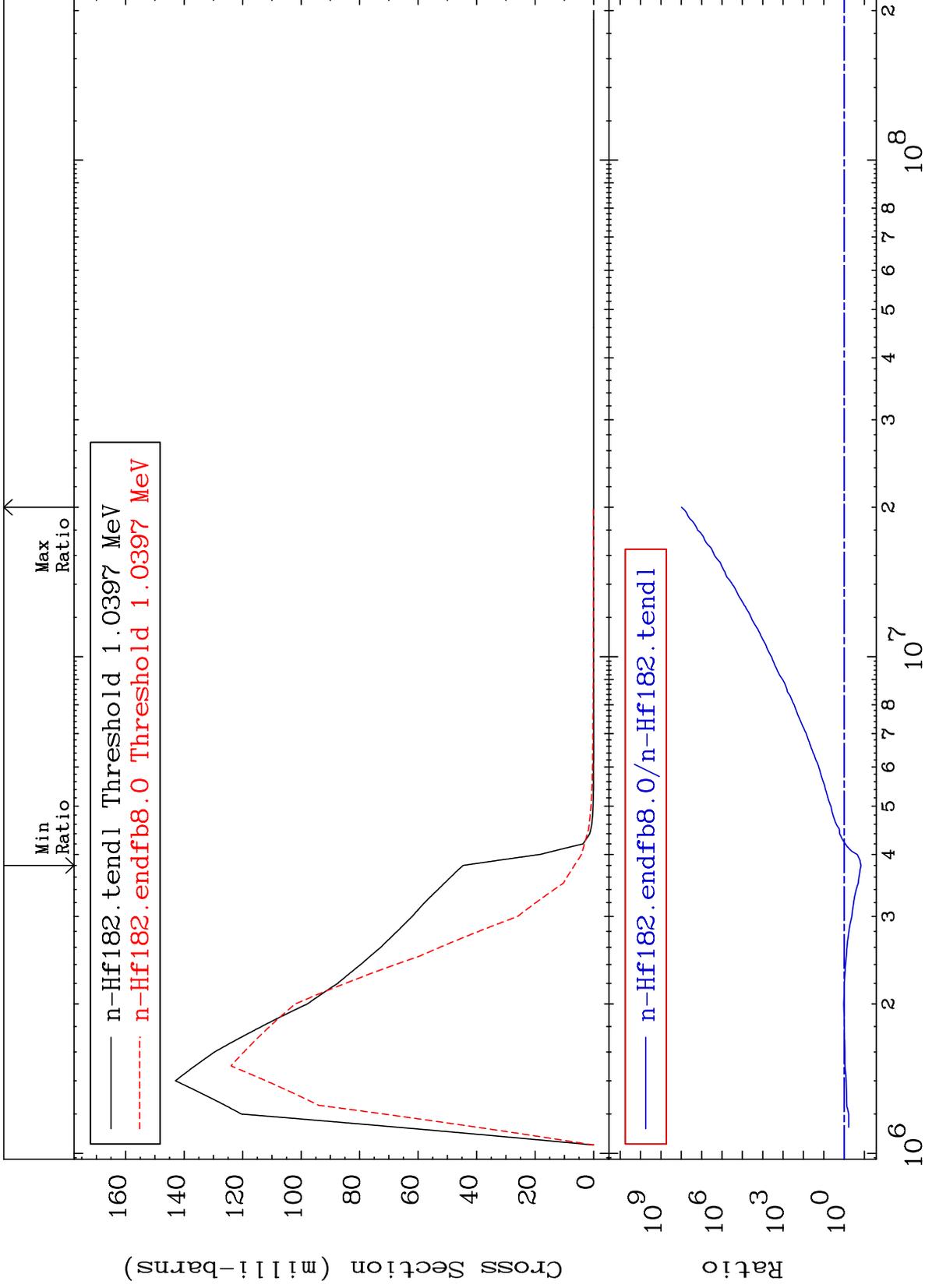
Incident Energy (eV)

72-Hf-182

MAT 7249

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

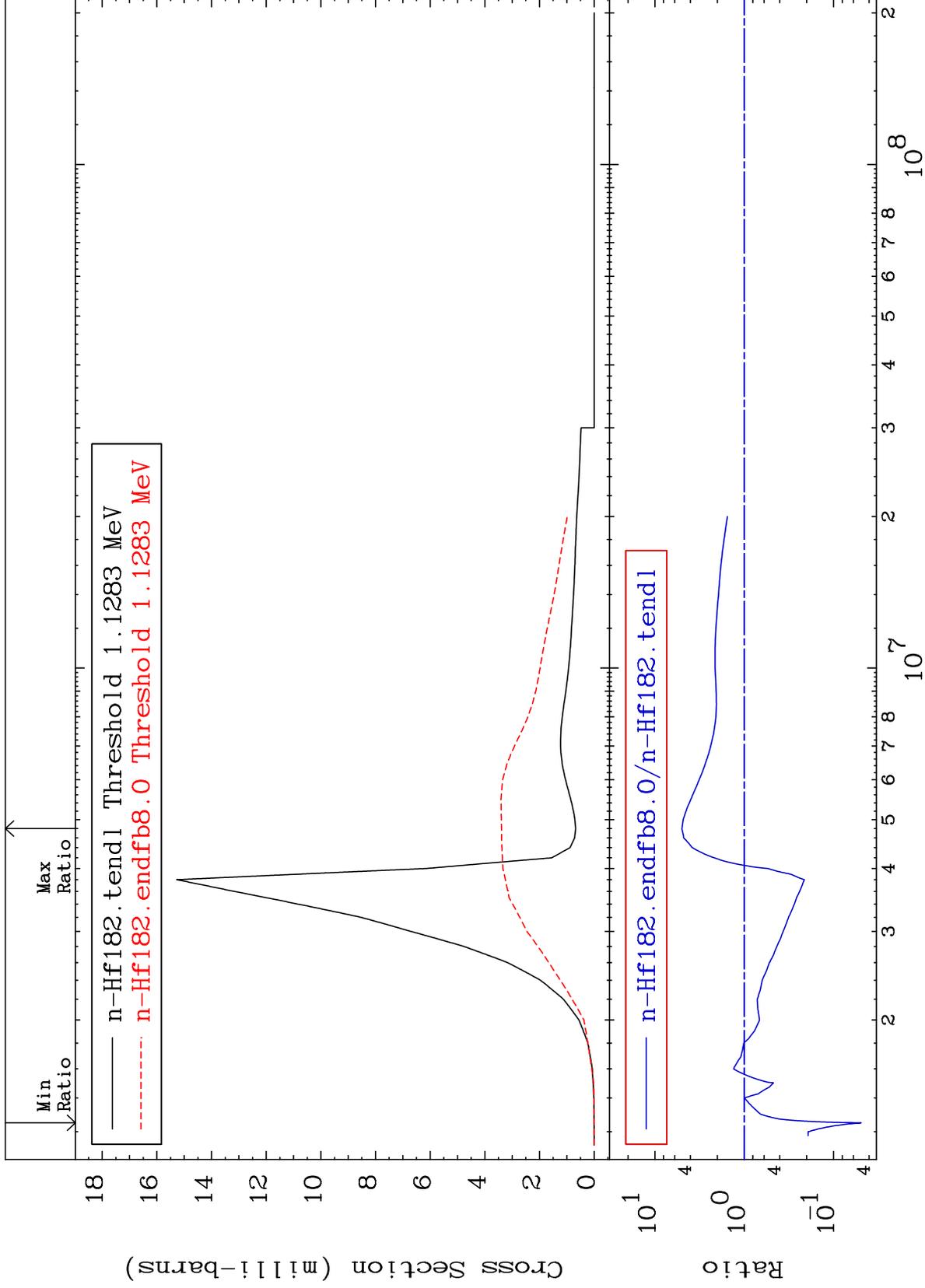
72-Hf-182
-85.24 To 9999. %



15

Incident Energy (eV)

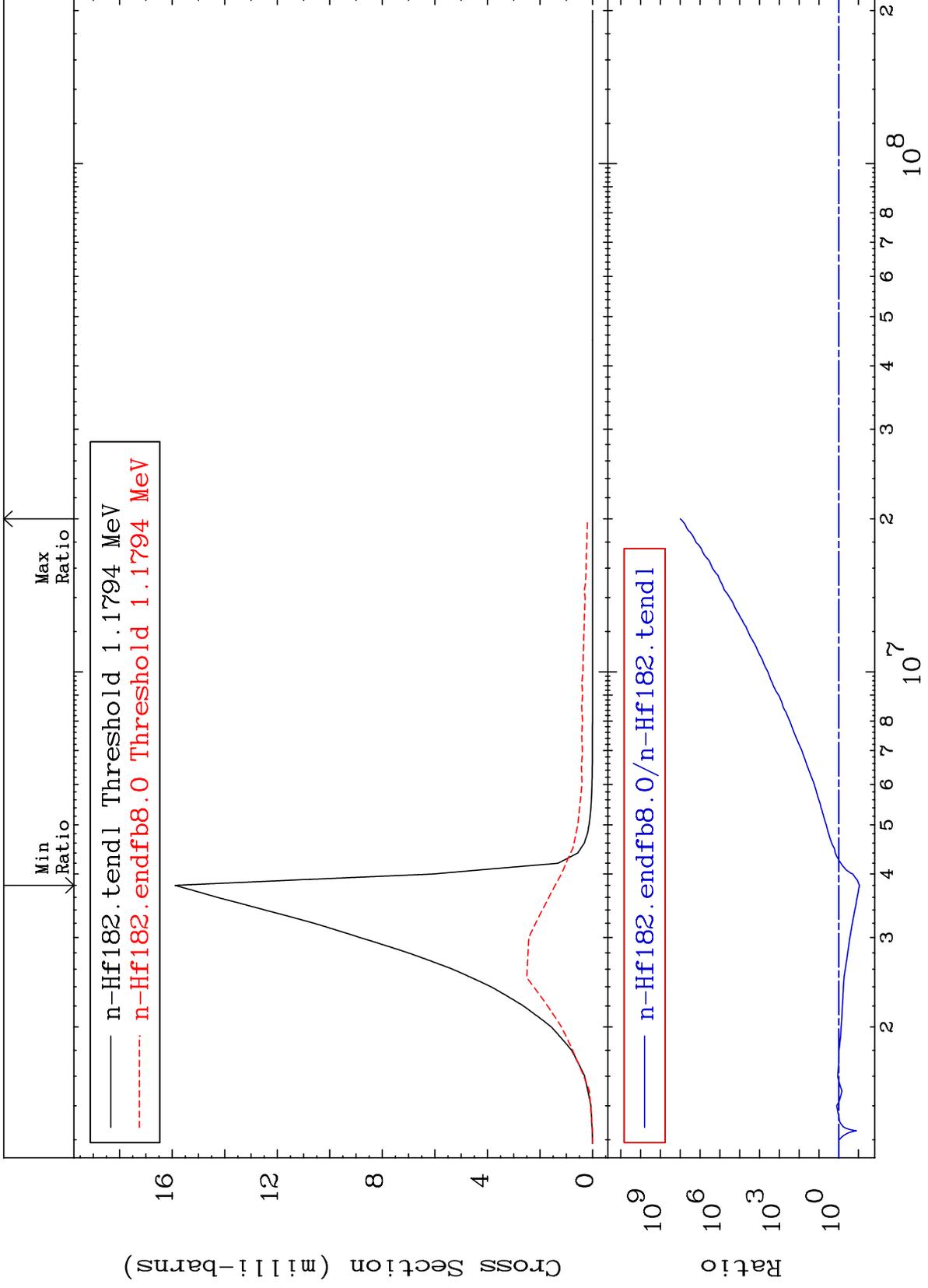
72-Hf-182

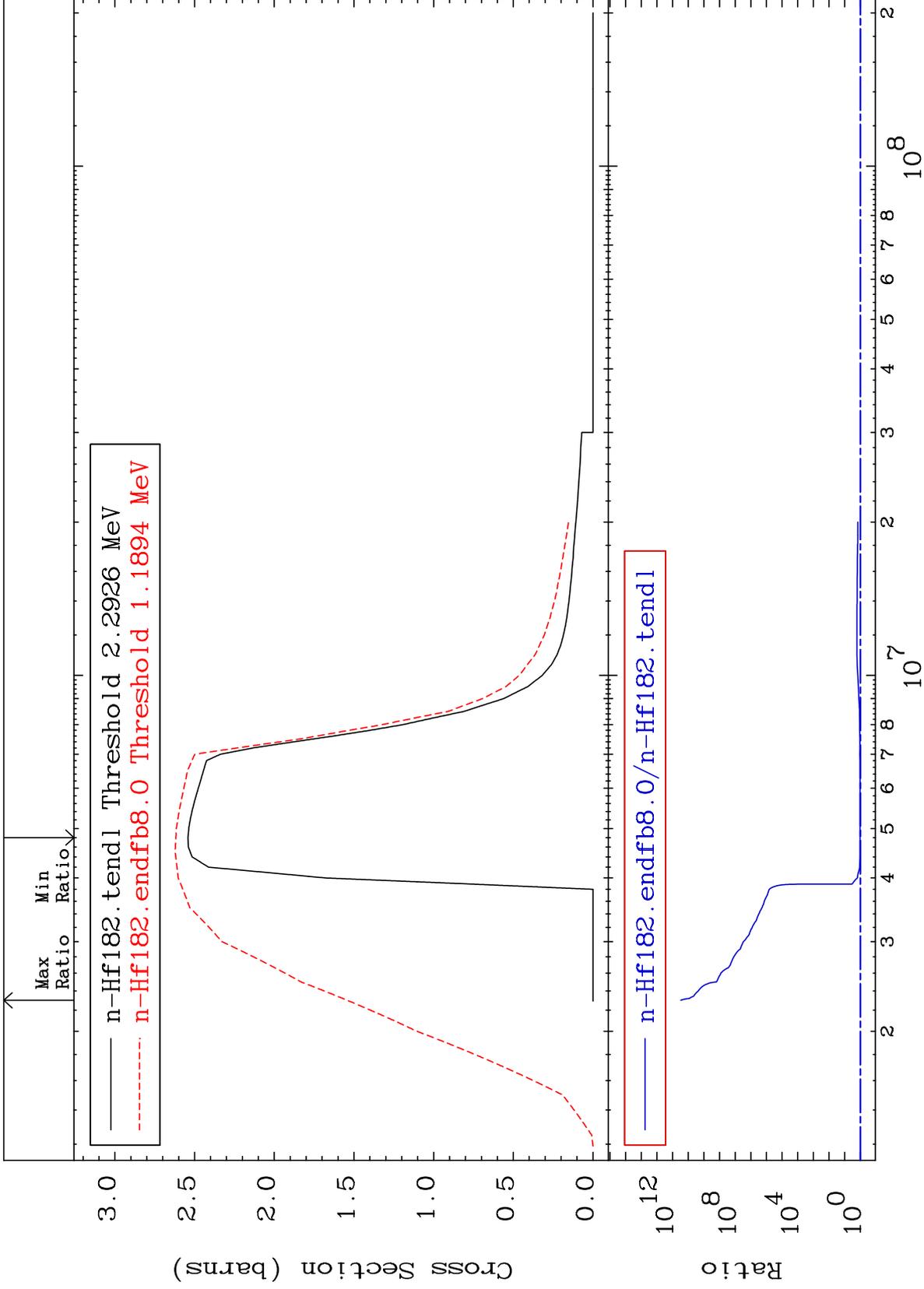


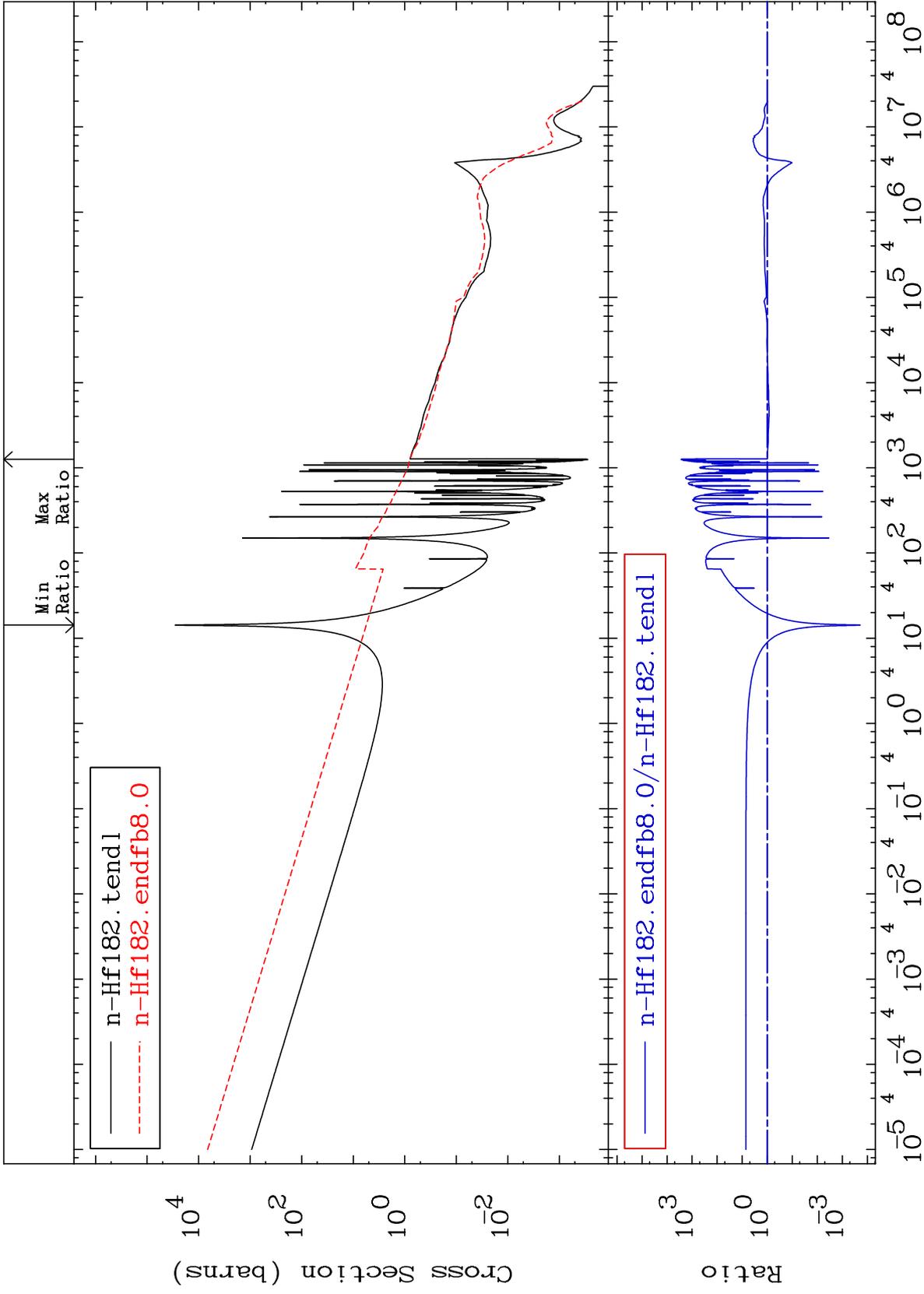
MAT 7249

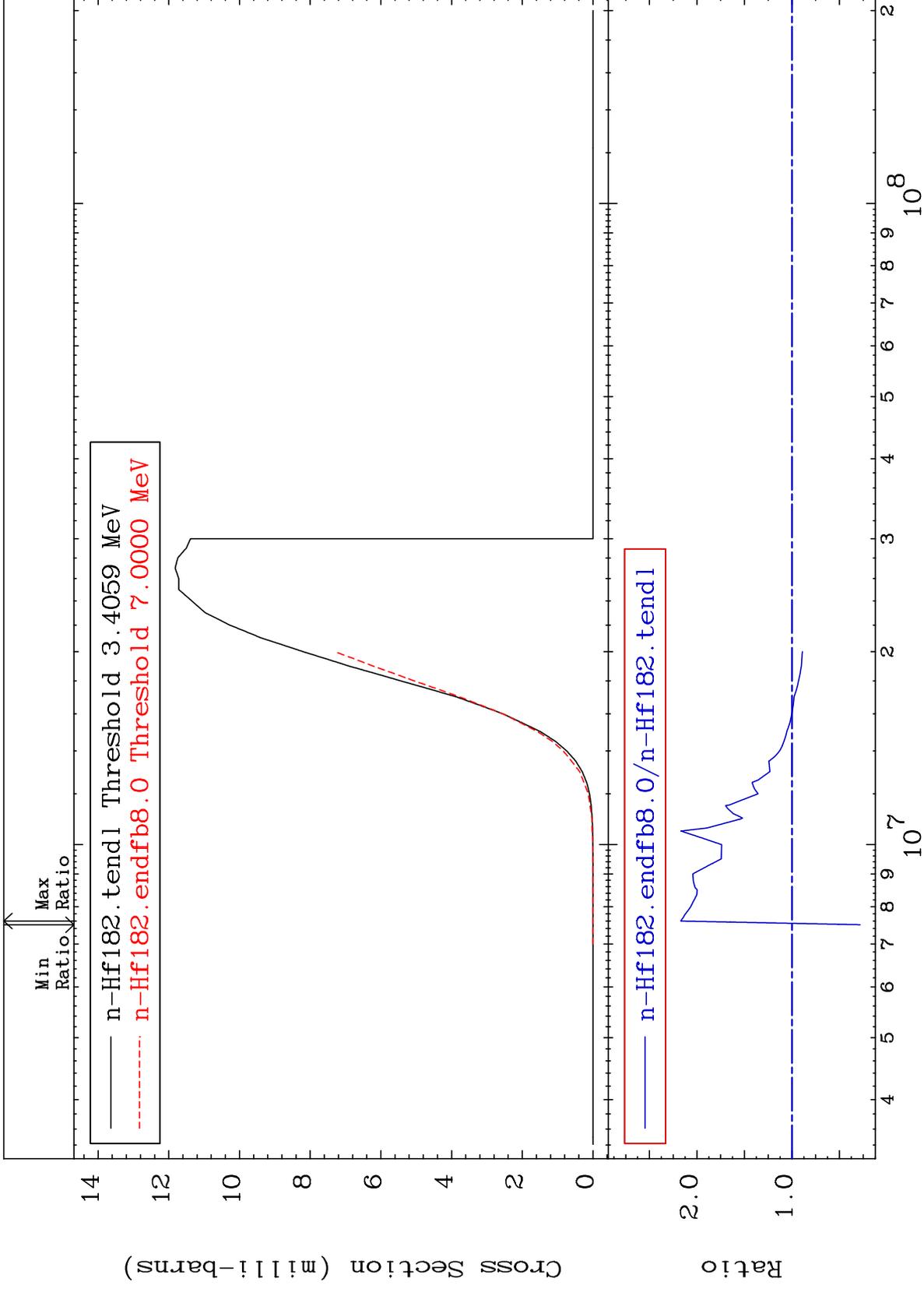
MT= 59 (n, n') Level
Cross Section

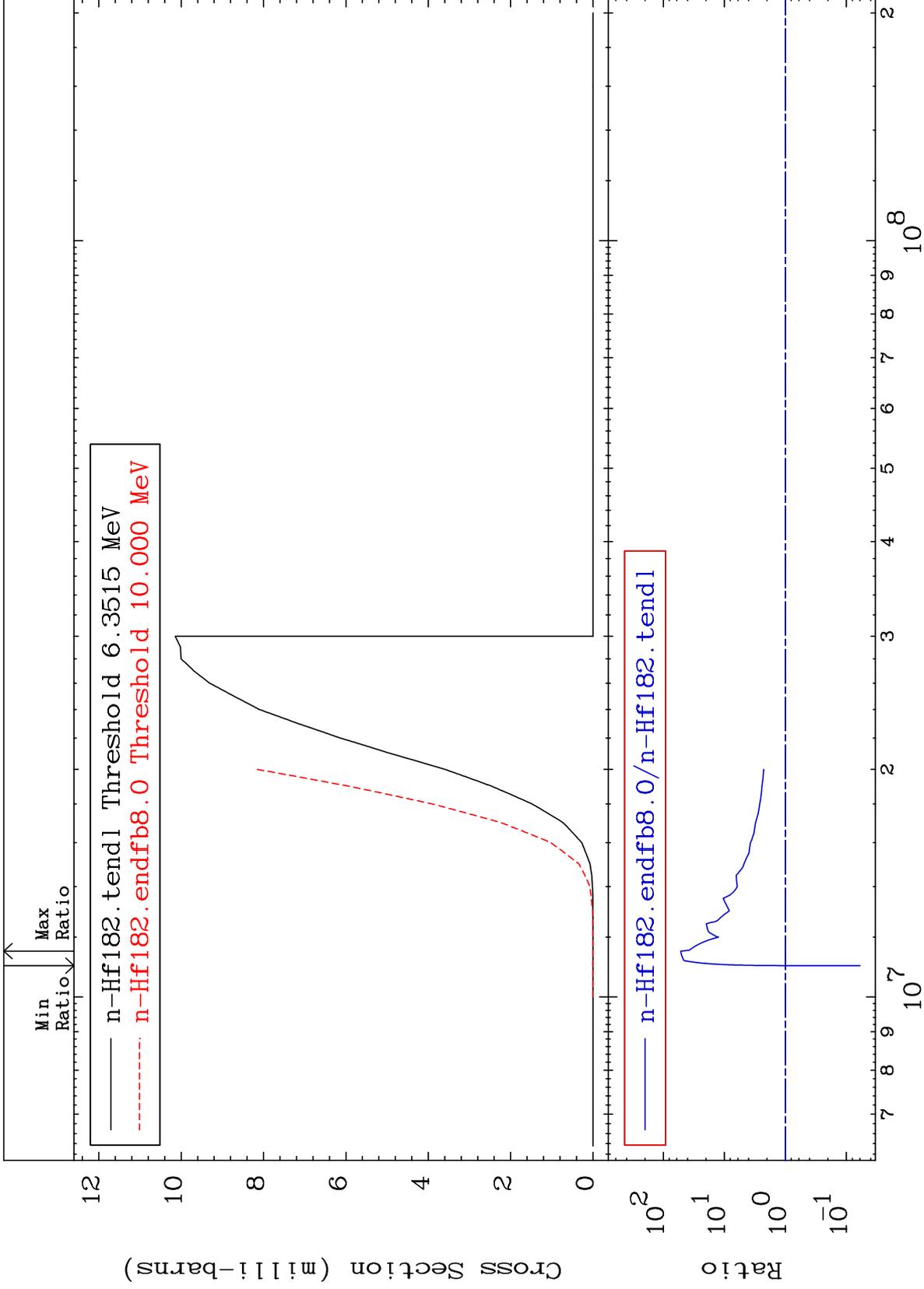
72-Hf-182
-91.04 To 9999. %

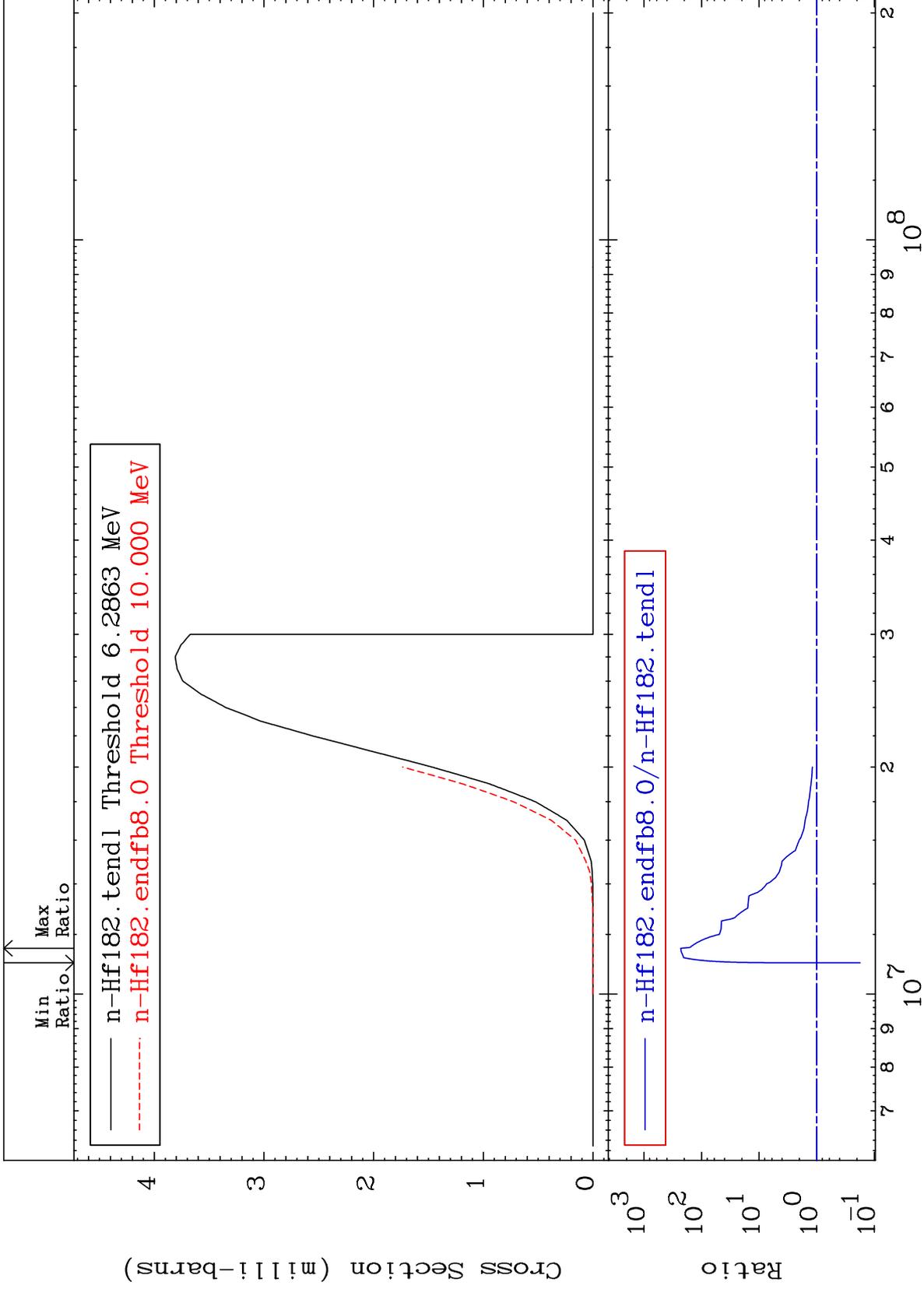












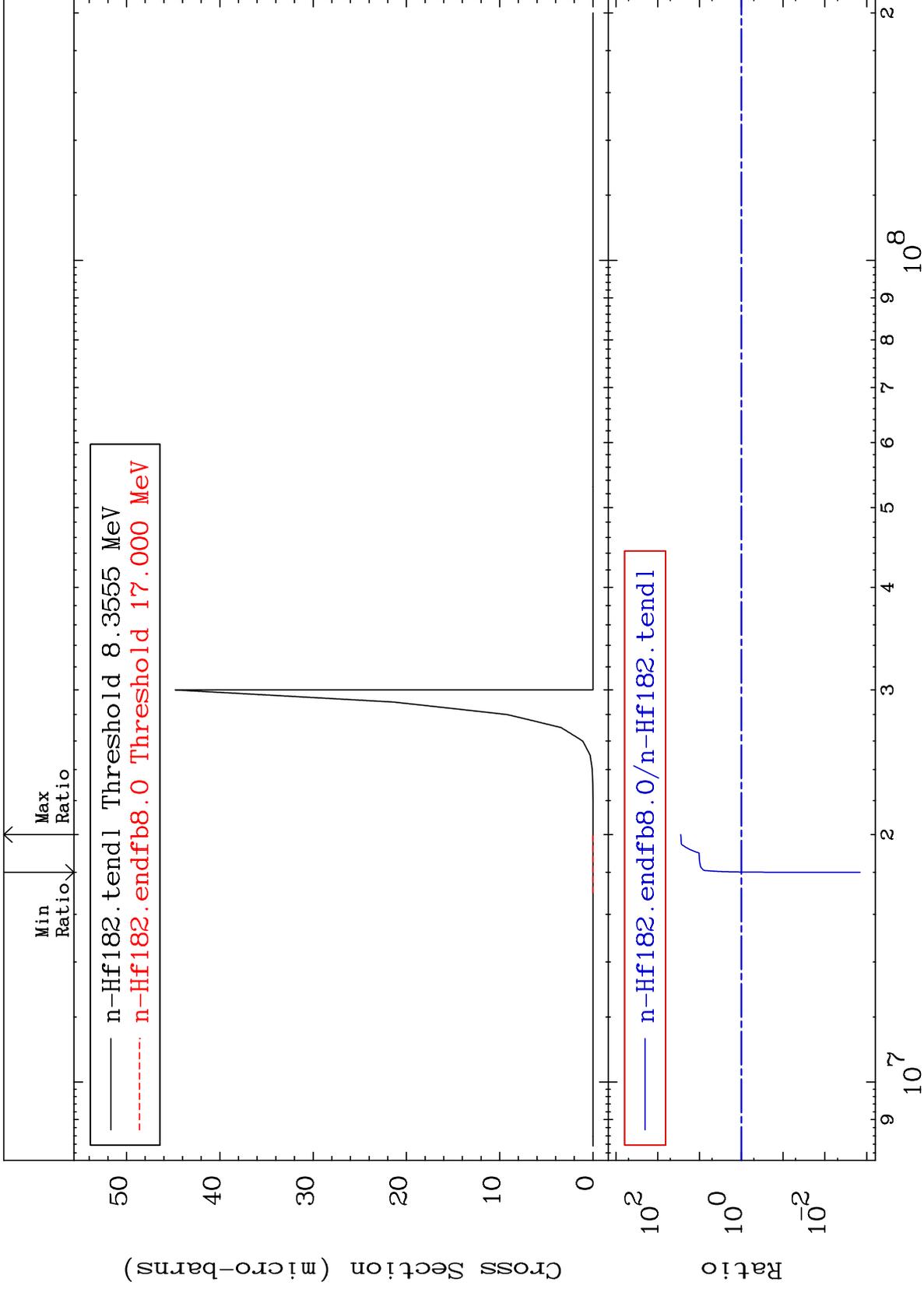
MAT 7249

(n, He-3)

72-Hf-182

Cross Section

-99.86 To 2704. %



23

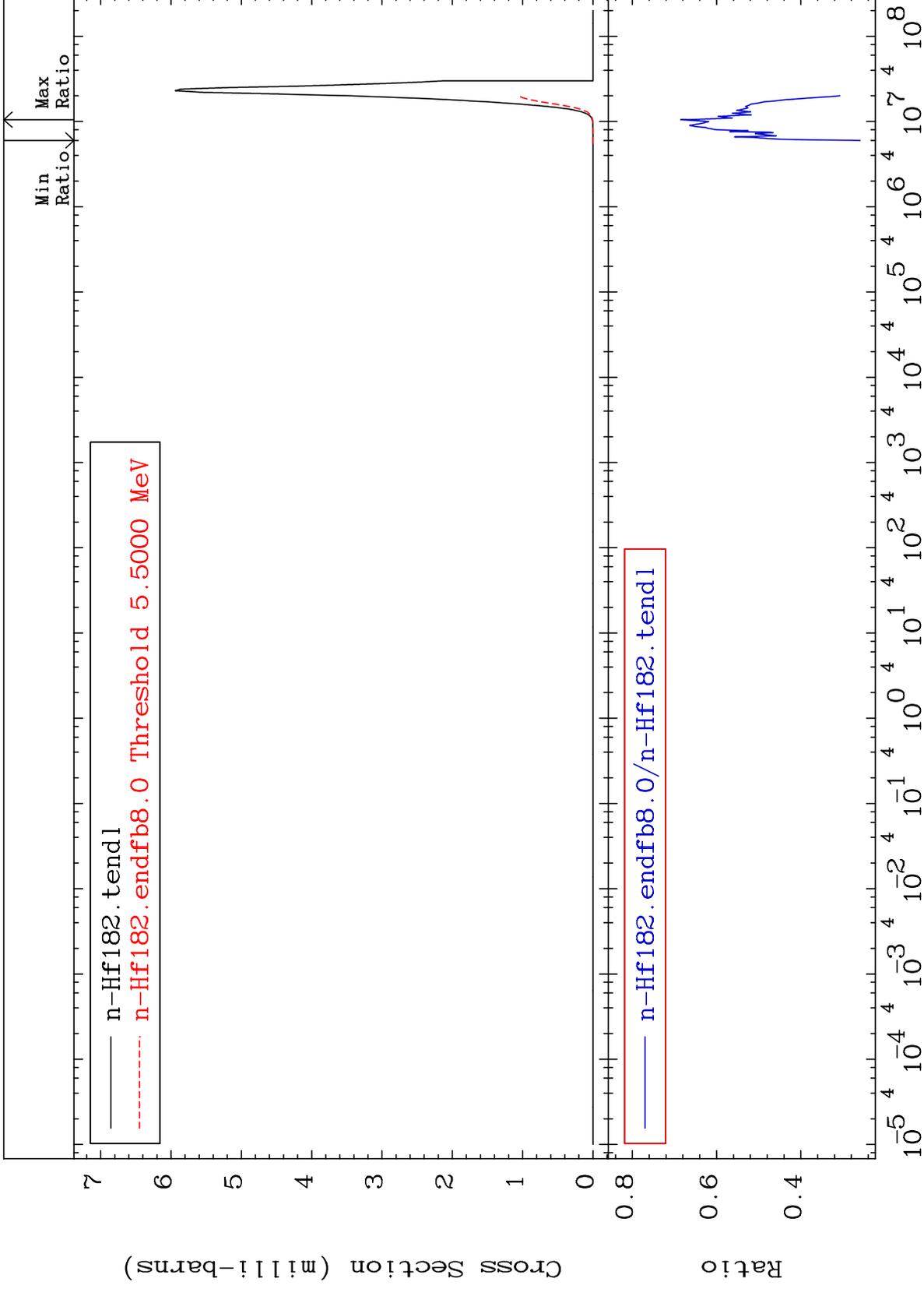
Incident Energy (eV)

72-Hf-182

MAT 7249

(n, α)
Cross Section

72-Hf-182
-74.06 To -31.49%



24

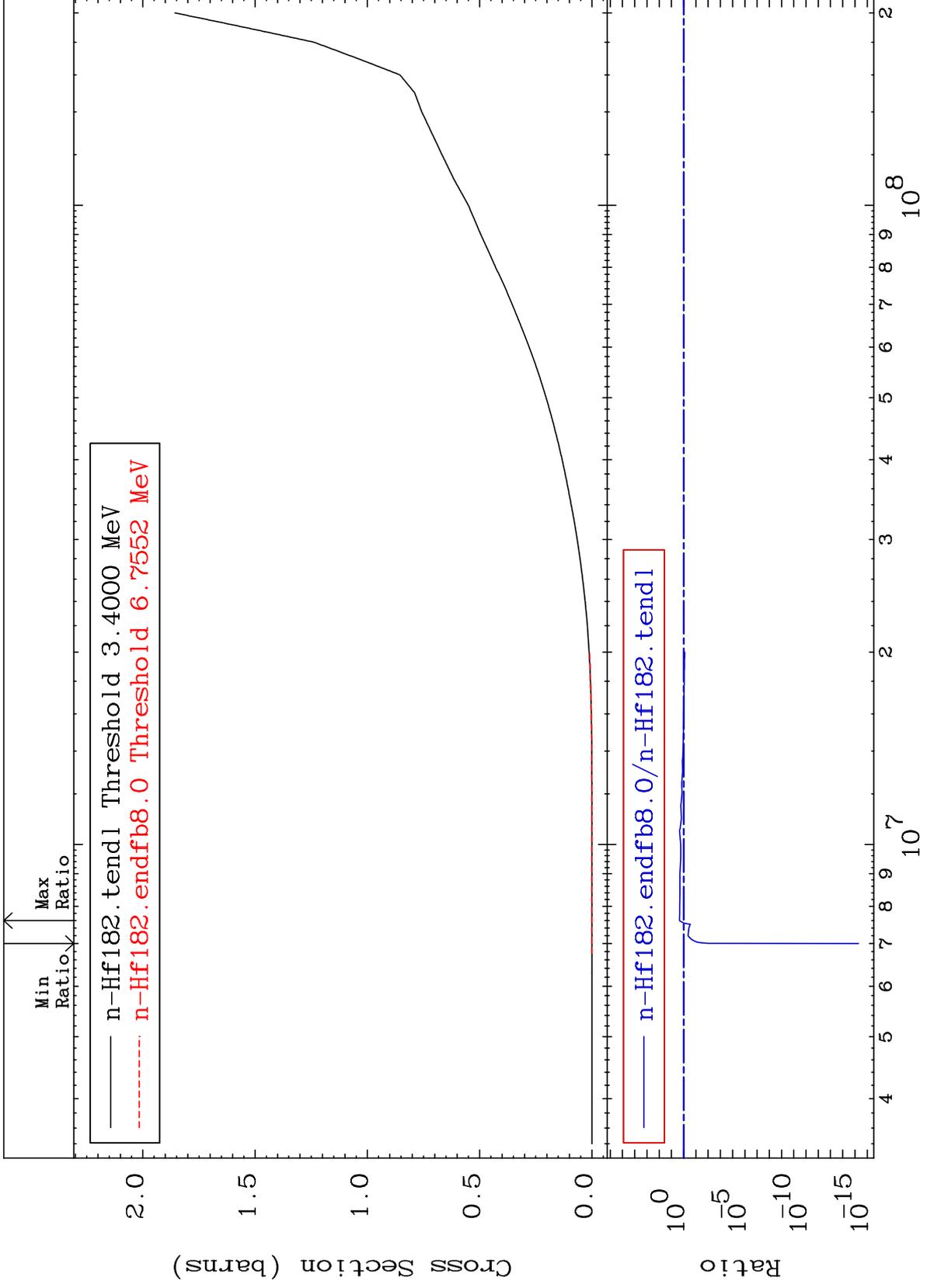
Incident Energy (eV)

72-Hf-182

MAT 7249

Hydrogen Production
Cross Section

⁷²Hf-182
-100.0 To 117.0 %



25

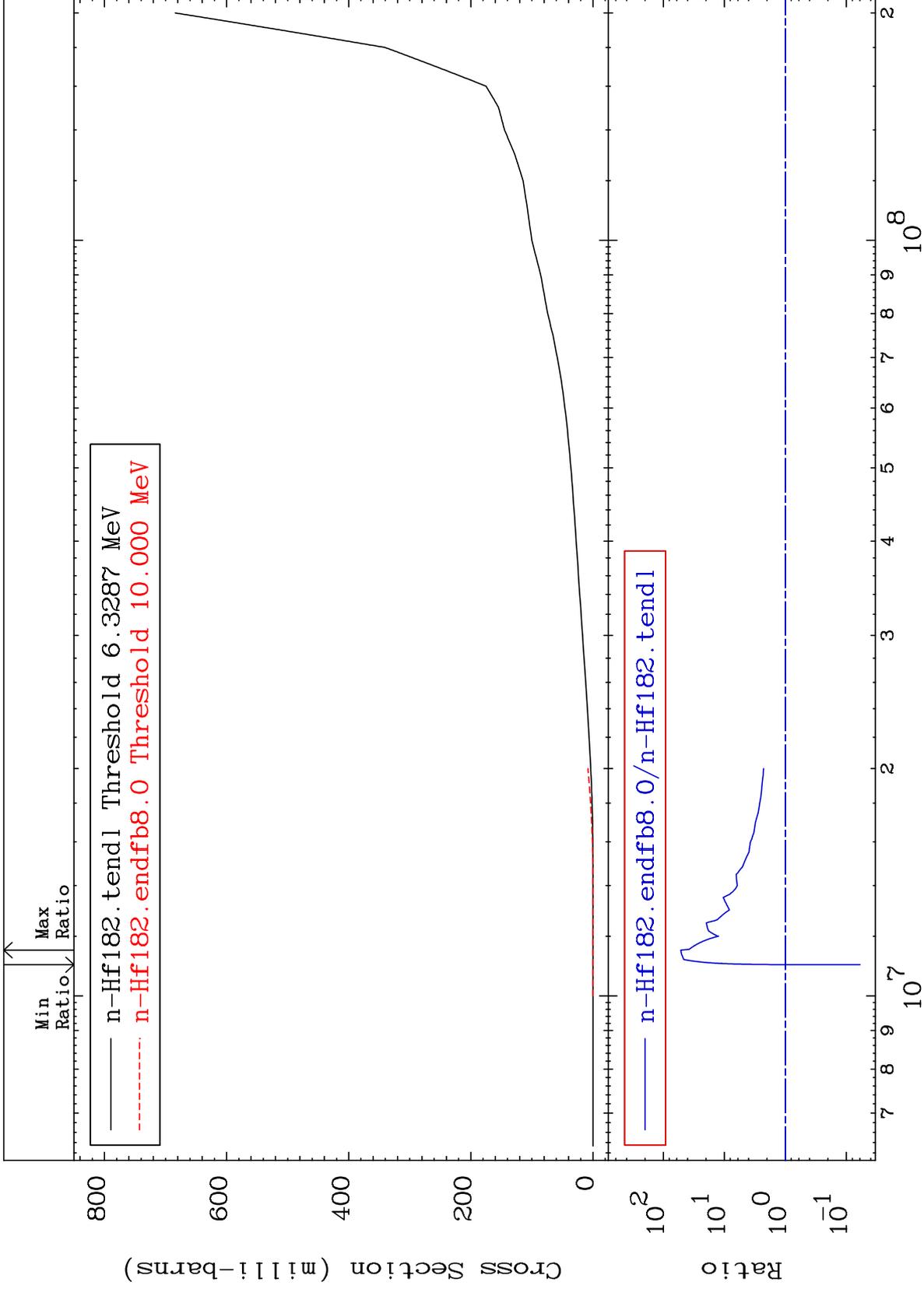
Incident Energy (eV)

⁷²Hf-182

MAT 7249

Deuterium Production
Cross Section

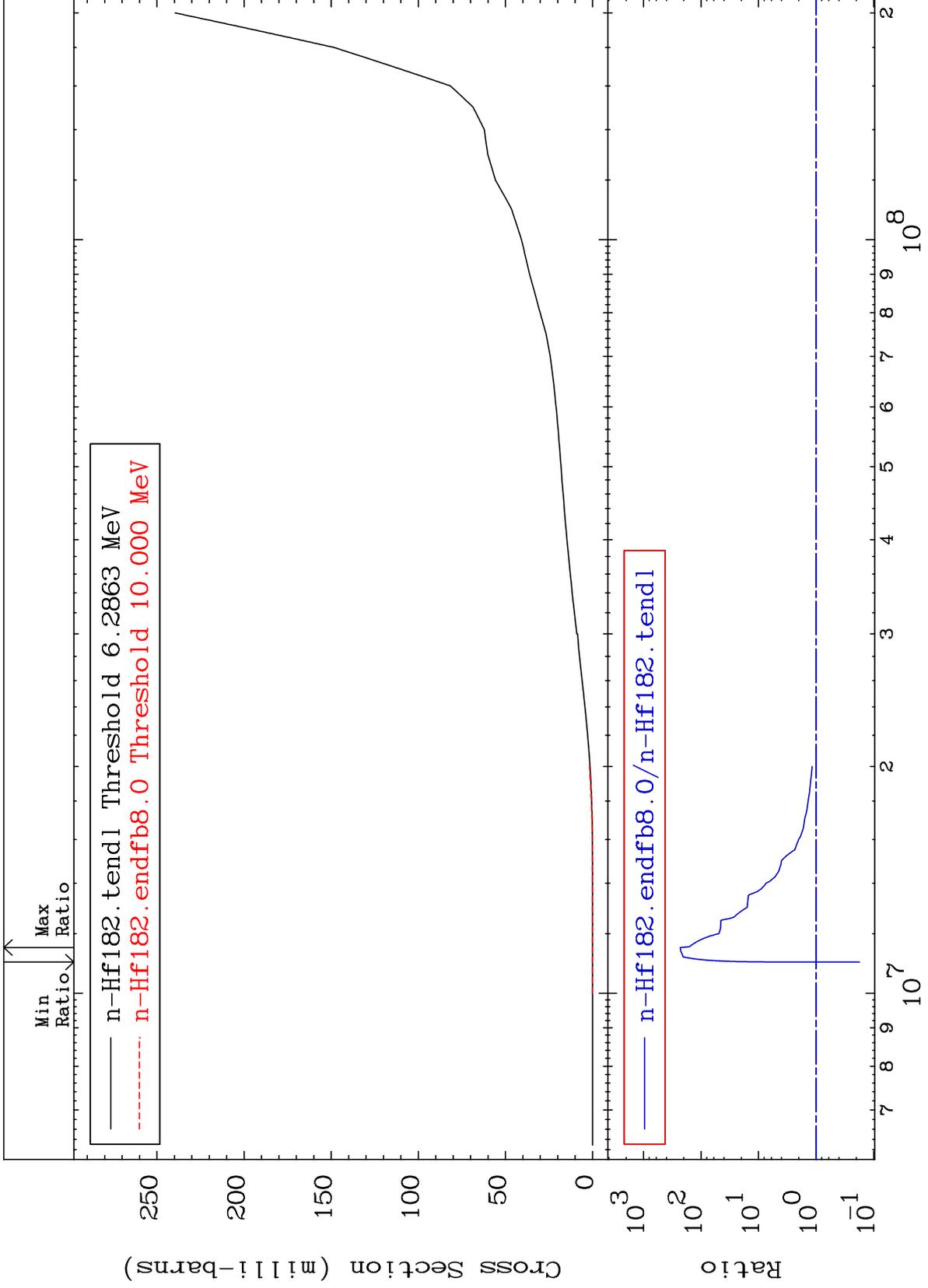
⁷²Hf-182
-94.04 To 5075. %



MAT 7249

Tritium Production
Cross Section

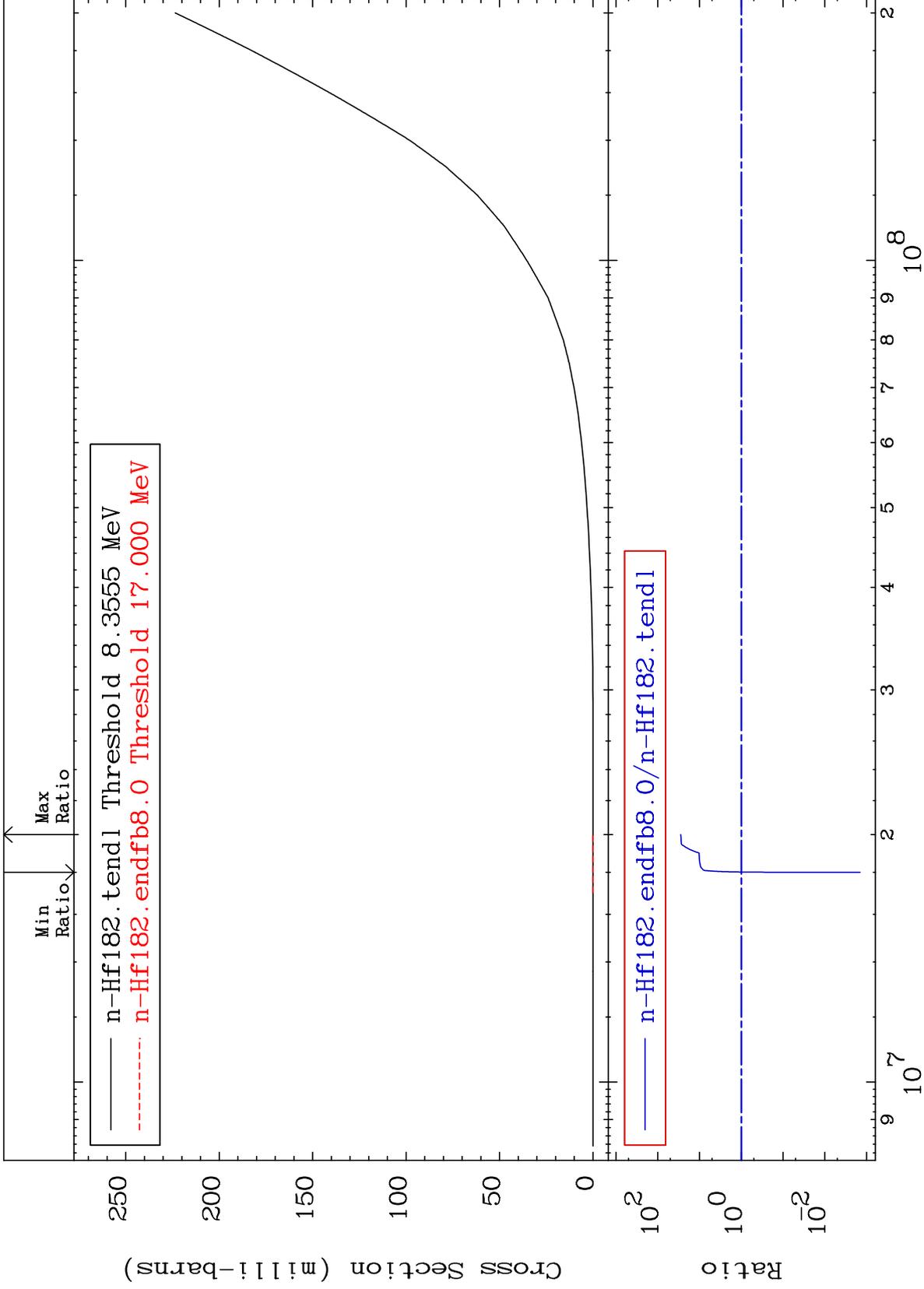
⁷²Hf-182
-82.40 To 9999. %



MAT 7249

He-3 Production
Cross Section

72-Hf-182
-99.86 To 2704. %



28

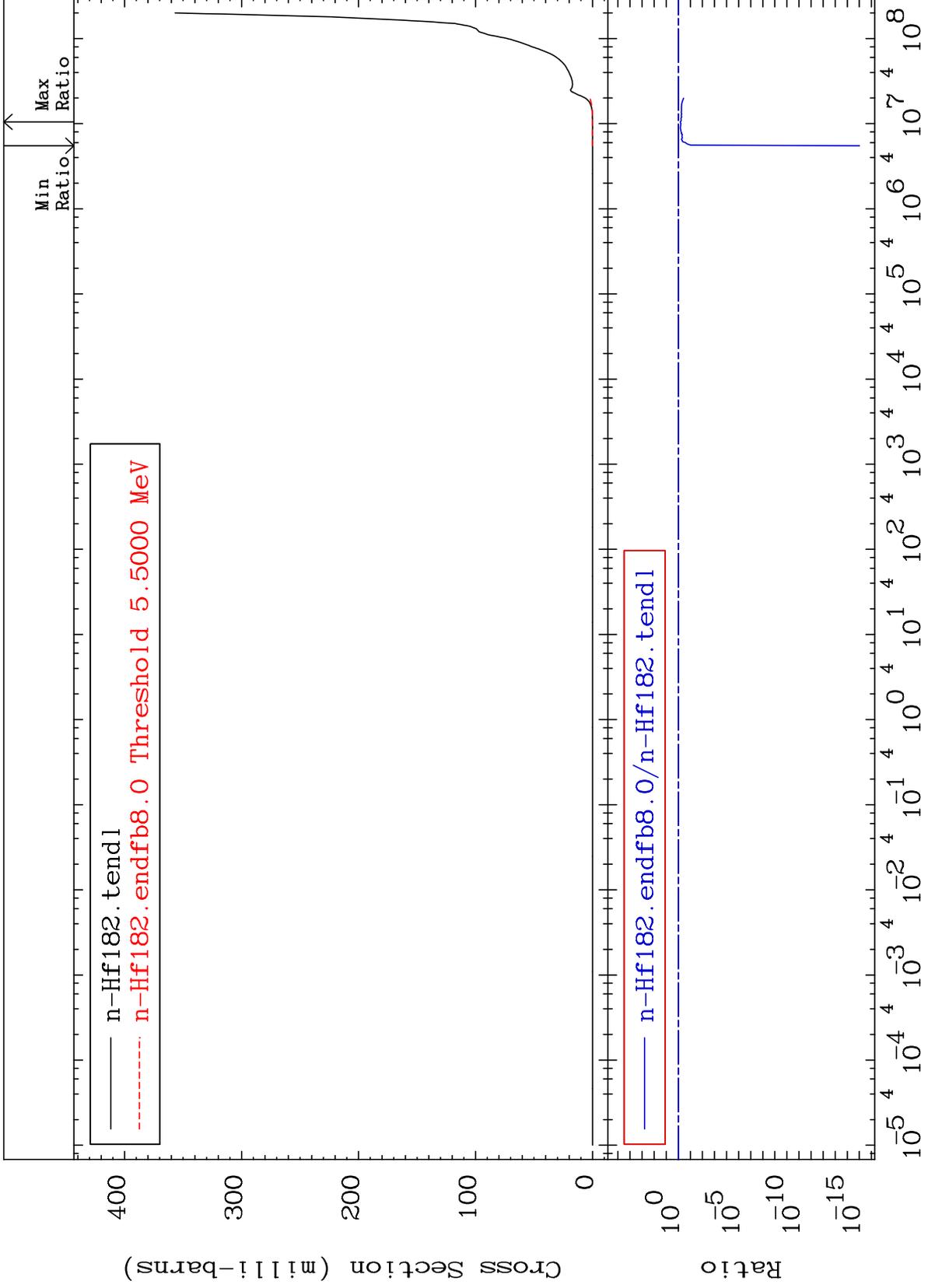
Incident Energy (eV)

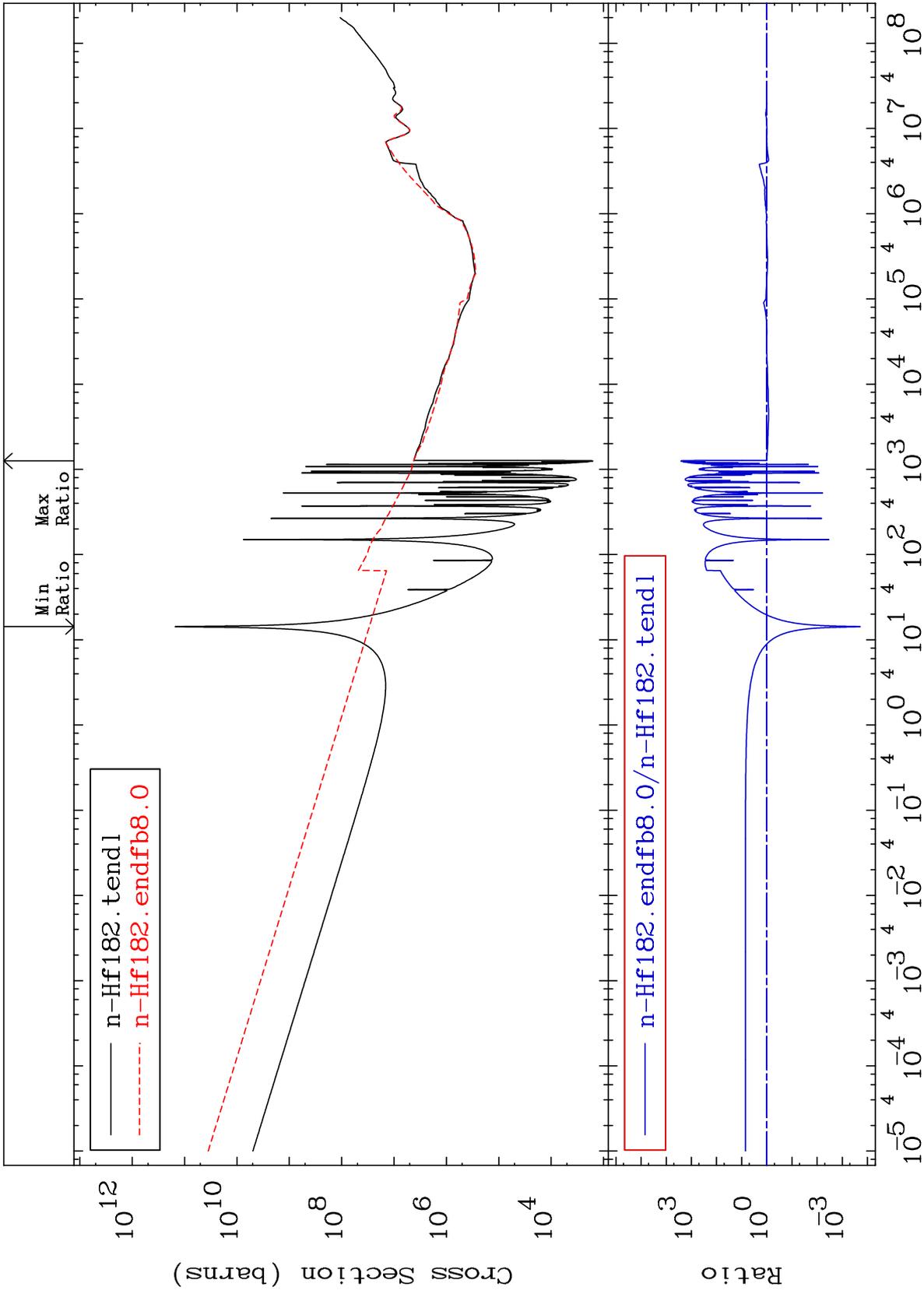
72-Hf-182

MAT 7249

He-4 Production
Cross Section

72-Hf-182
-100.0 To -31.62%

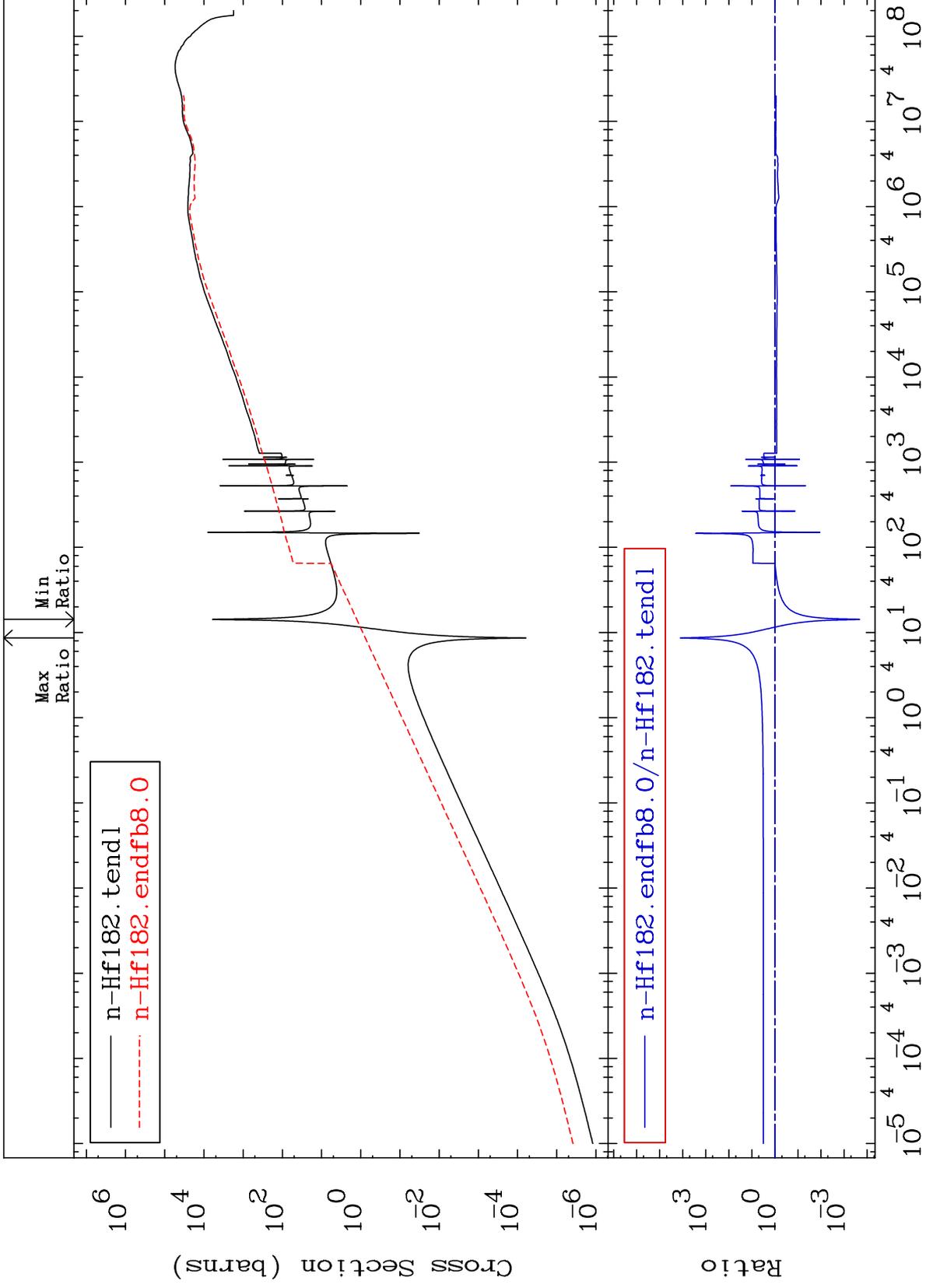


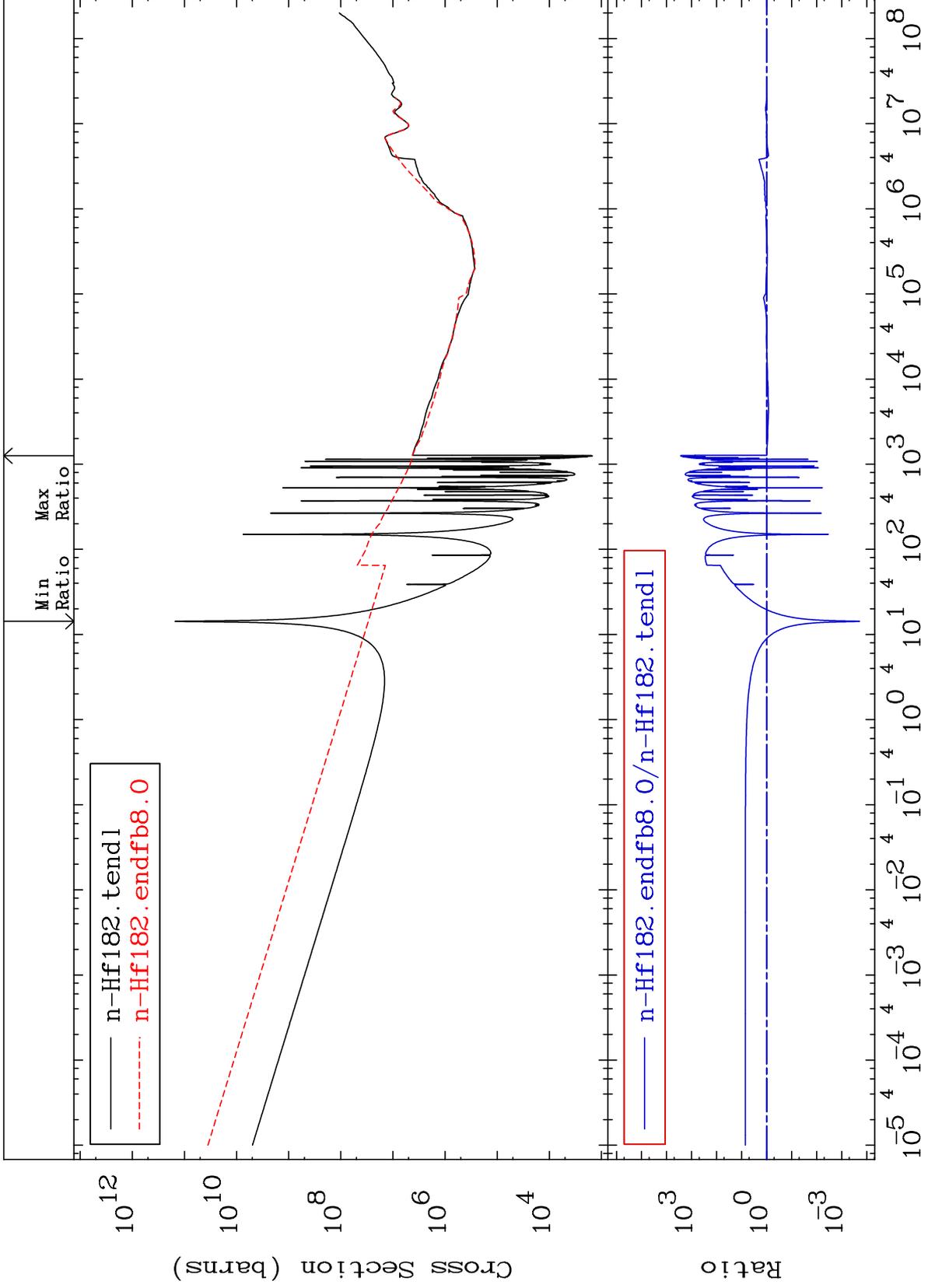


MAT 7249

Kerma elastic
Cross Section

72-Hf-182
-99.98 To 9999. %

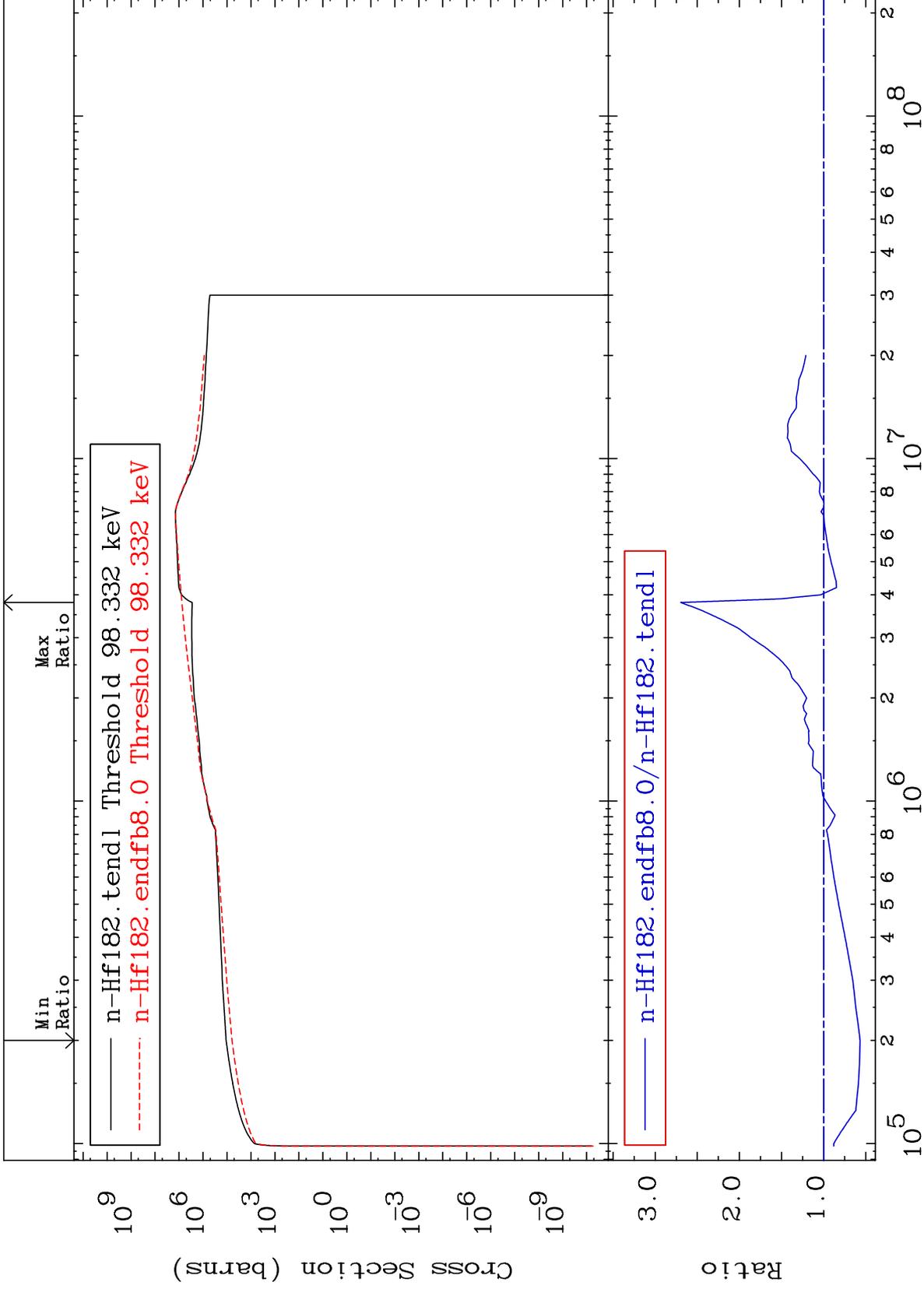




MAT 7249

Kerma inelastic (mt51-91)
Cross Section

72-Hf-182
-43.26 To 169.6 %



33

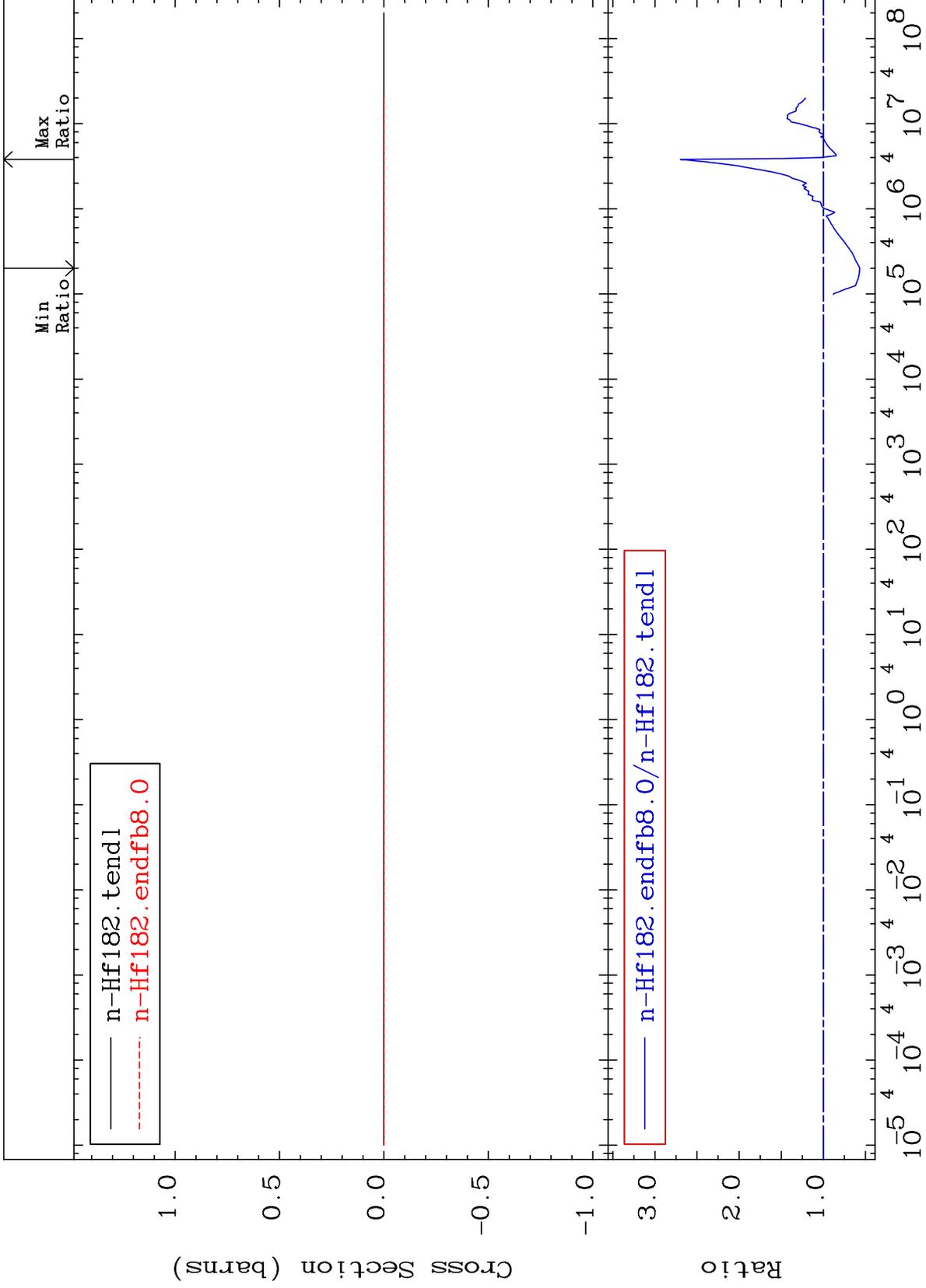
Incident Energy (eV)

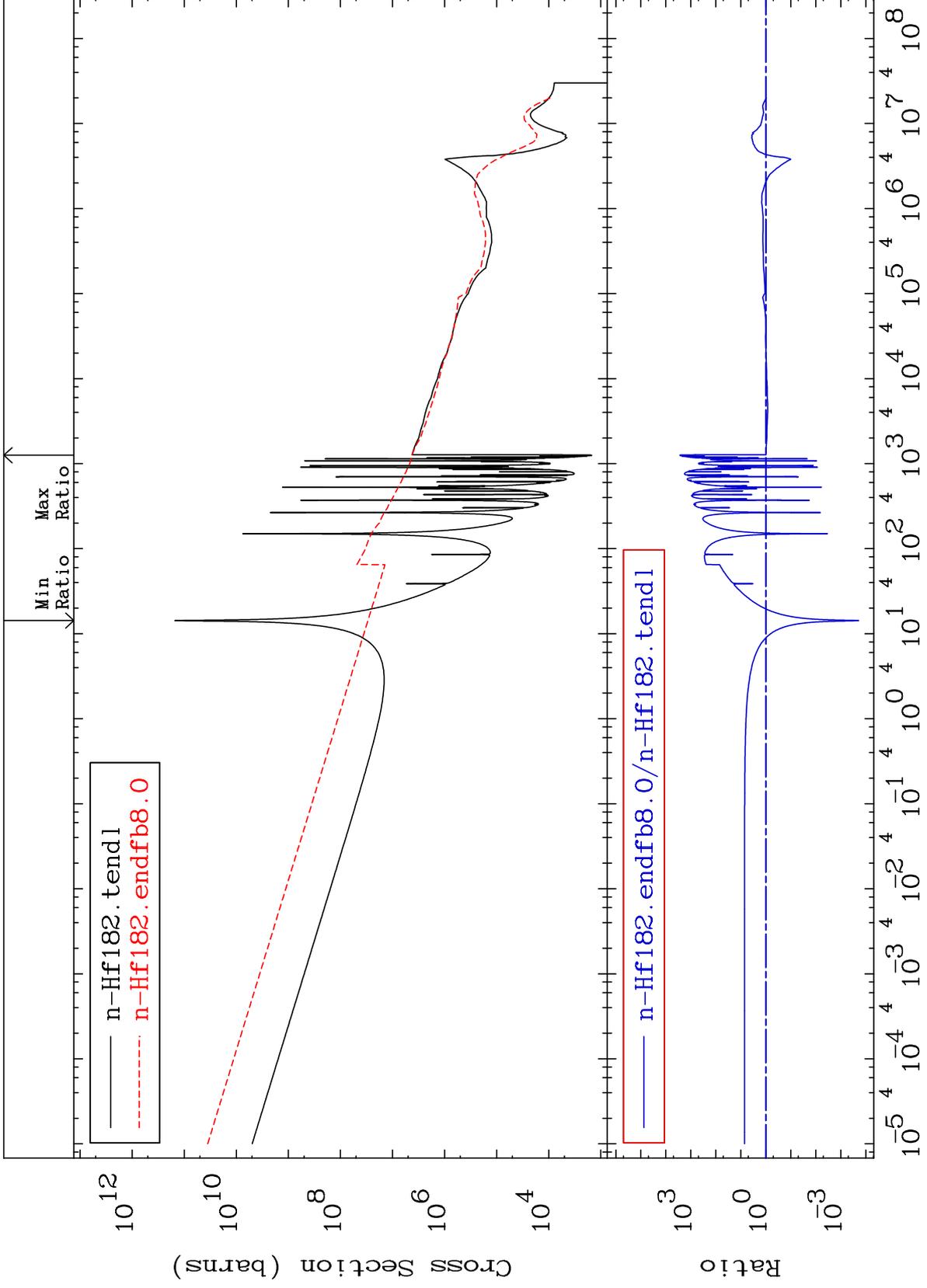
72-Hf-182

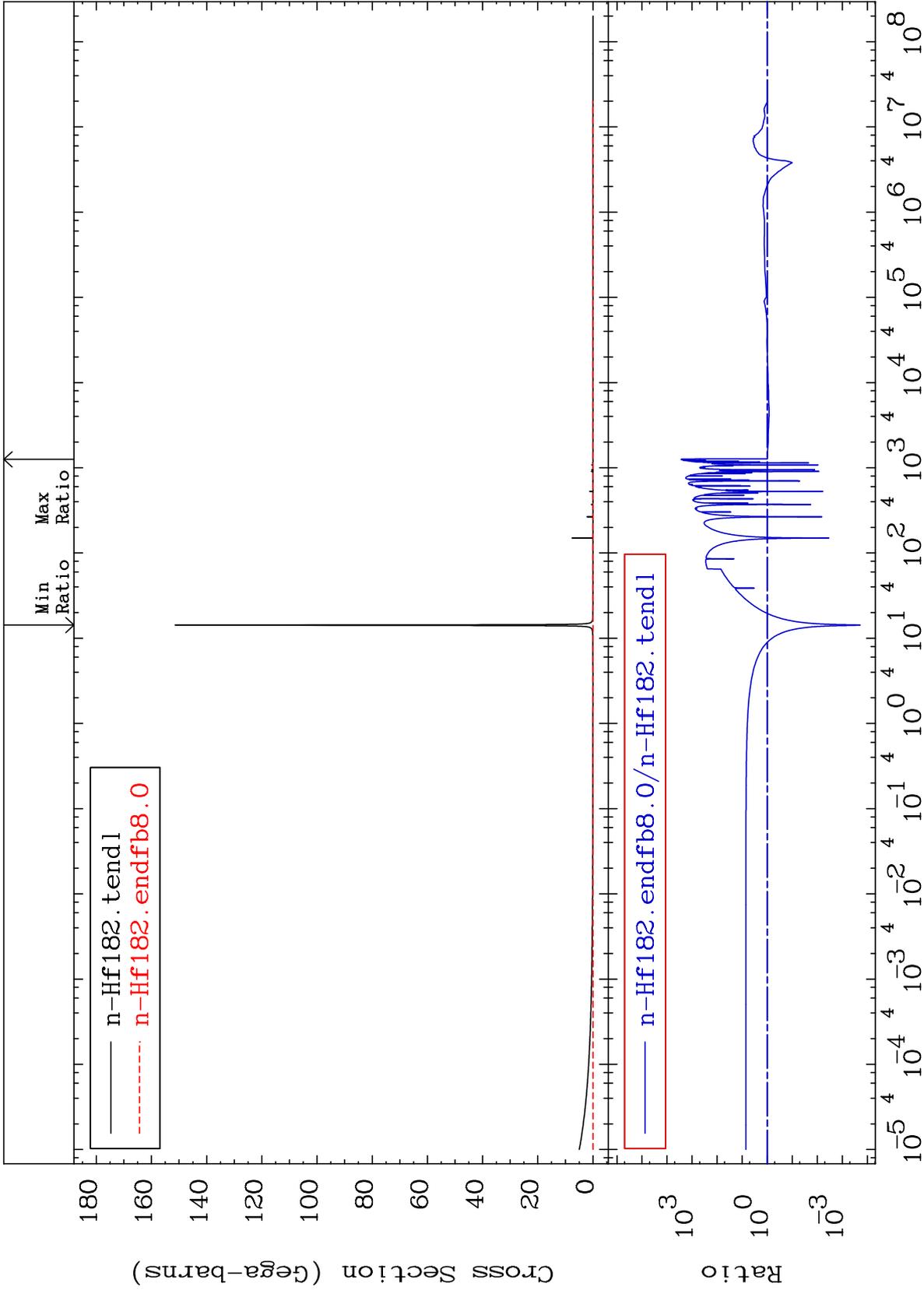
MAT 7249

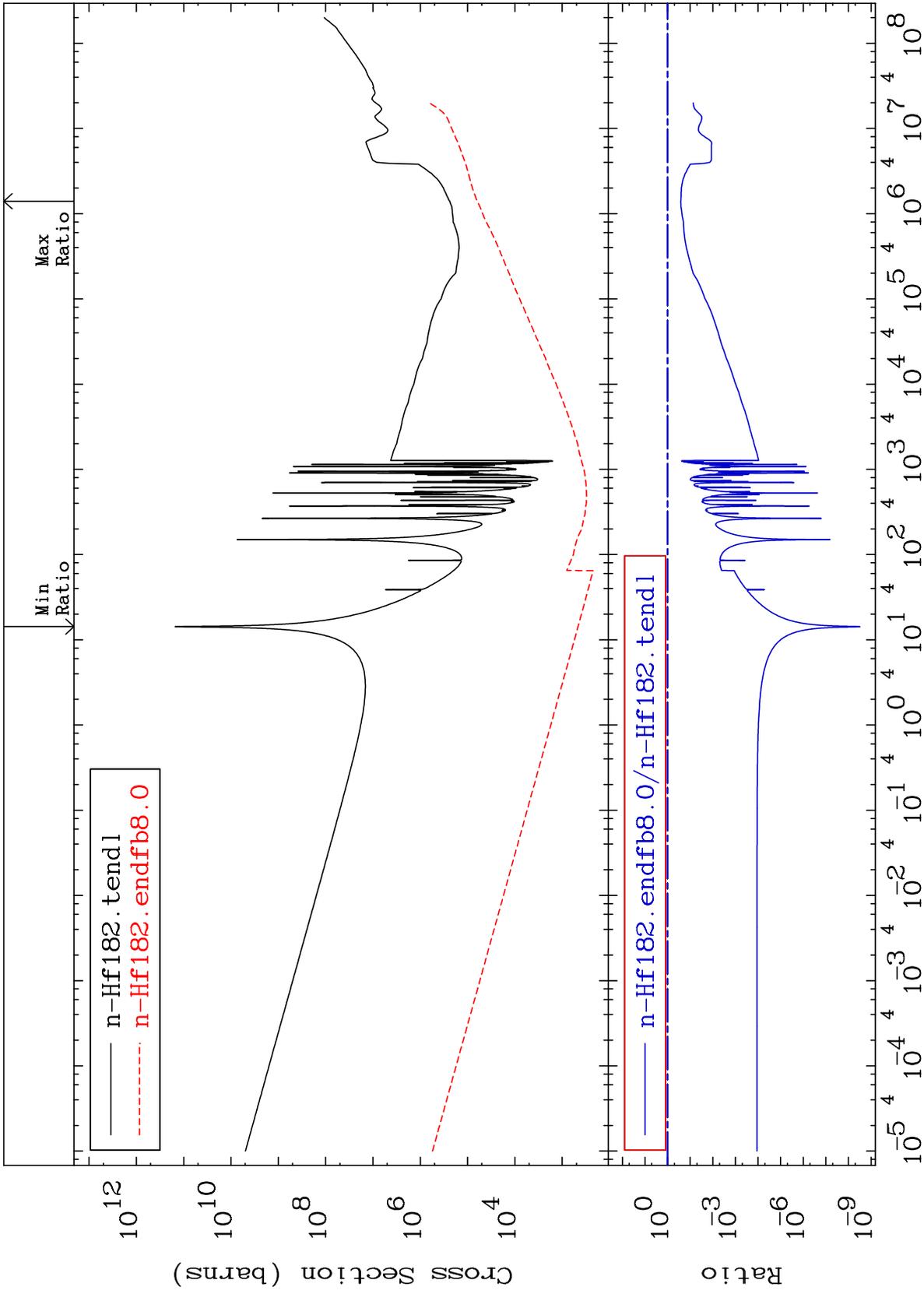
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

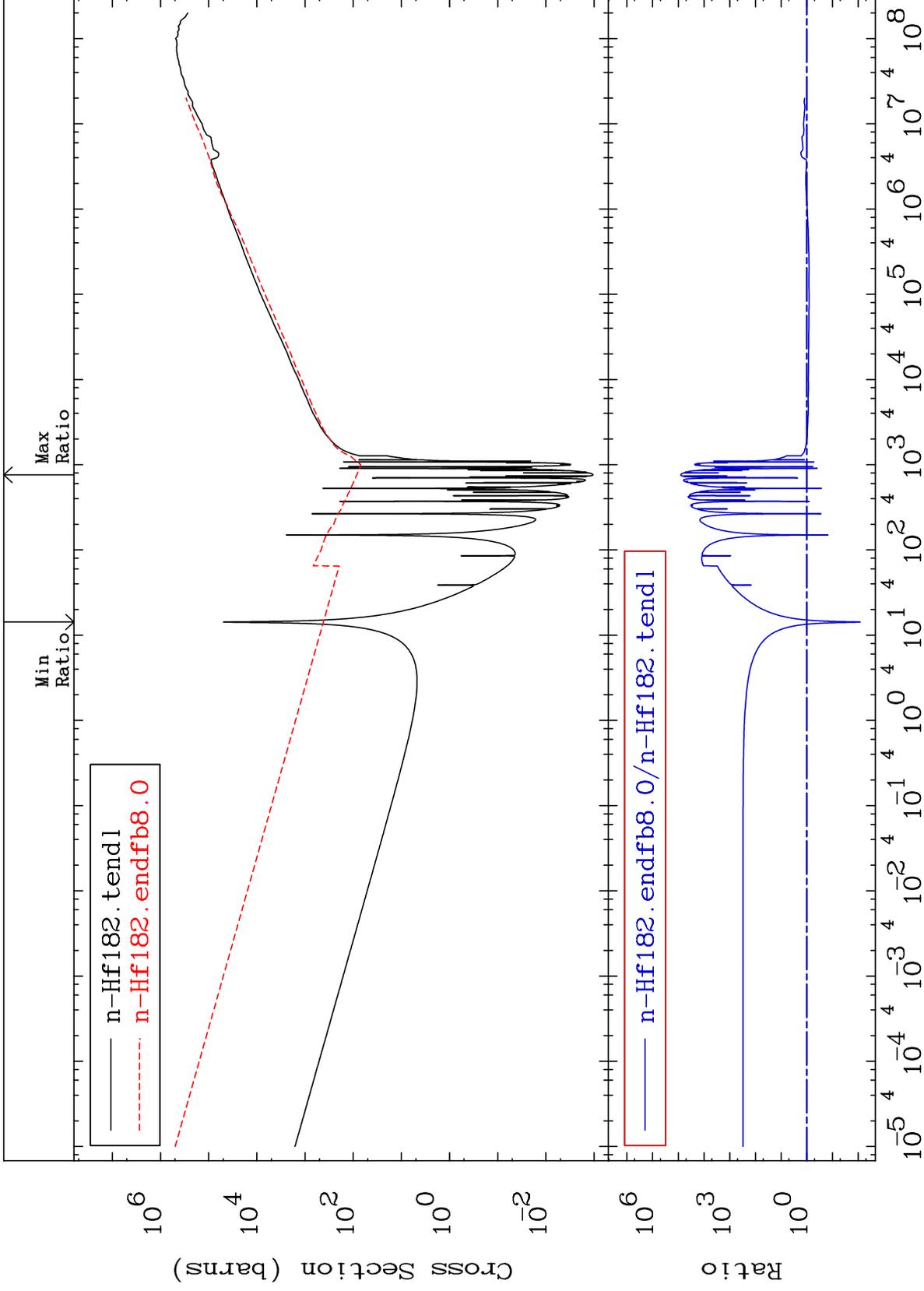
72-Hf-182
-43.26 To 169.6 %







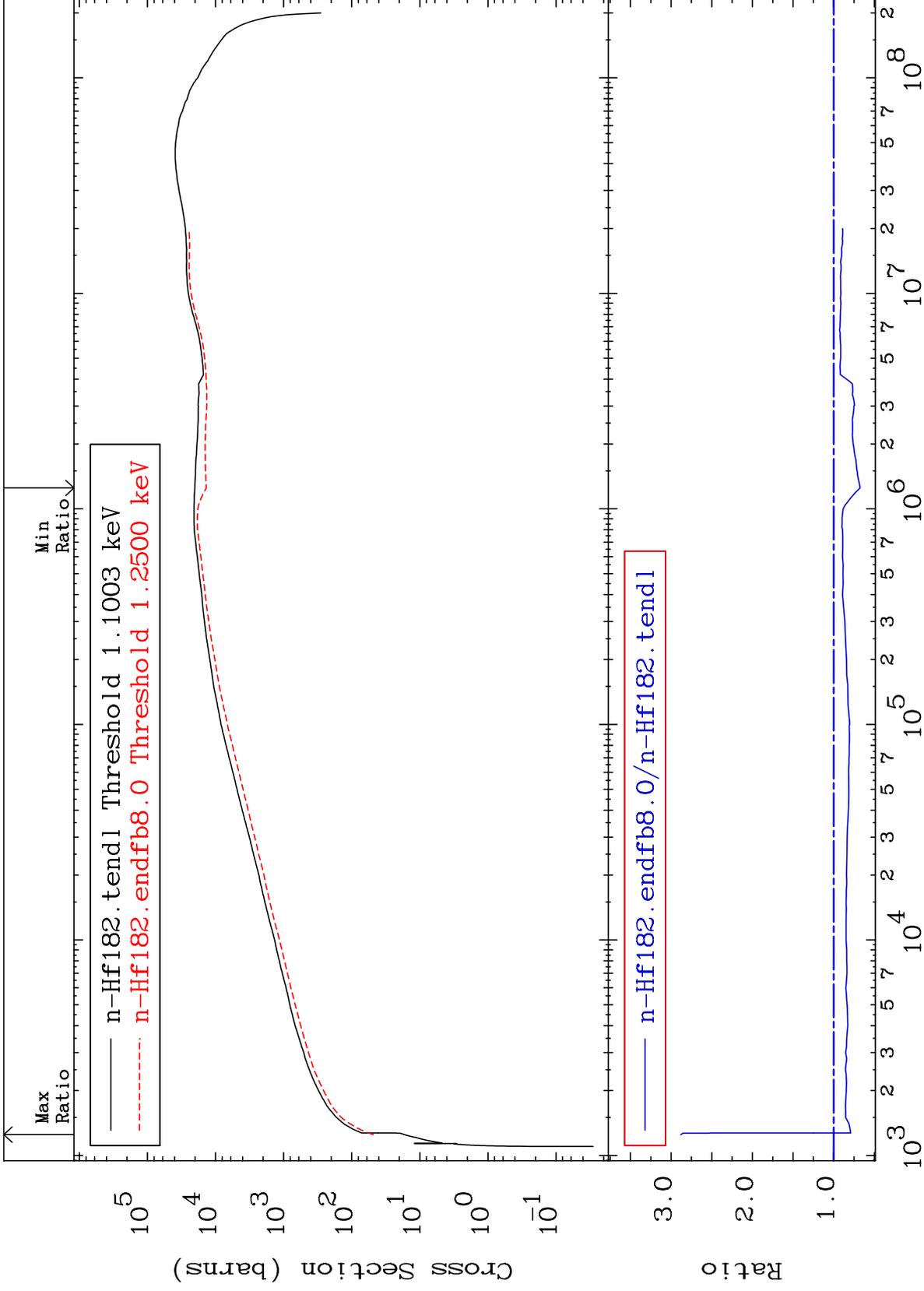




MAT 7249

Dpa elastic (mt2)
Cross Section

72-Hf-182
-32.50 To 188.1 %



39

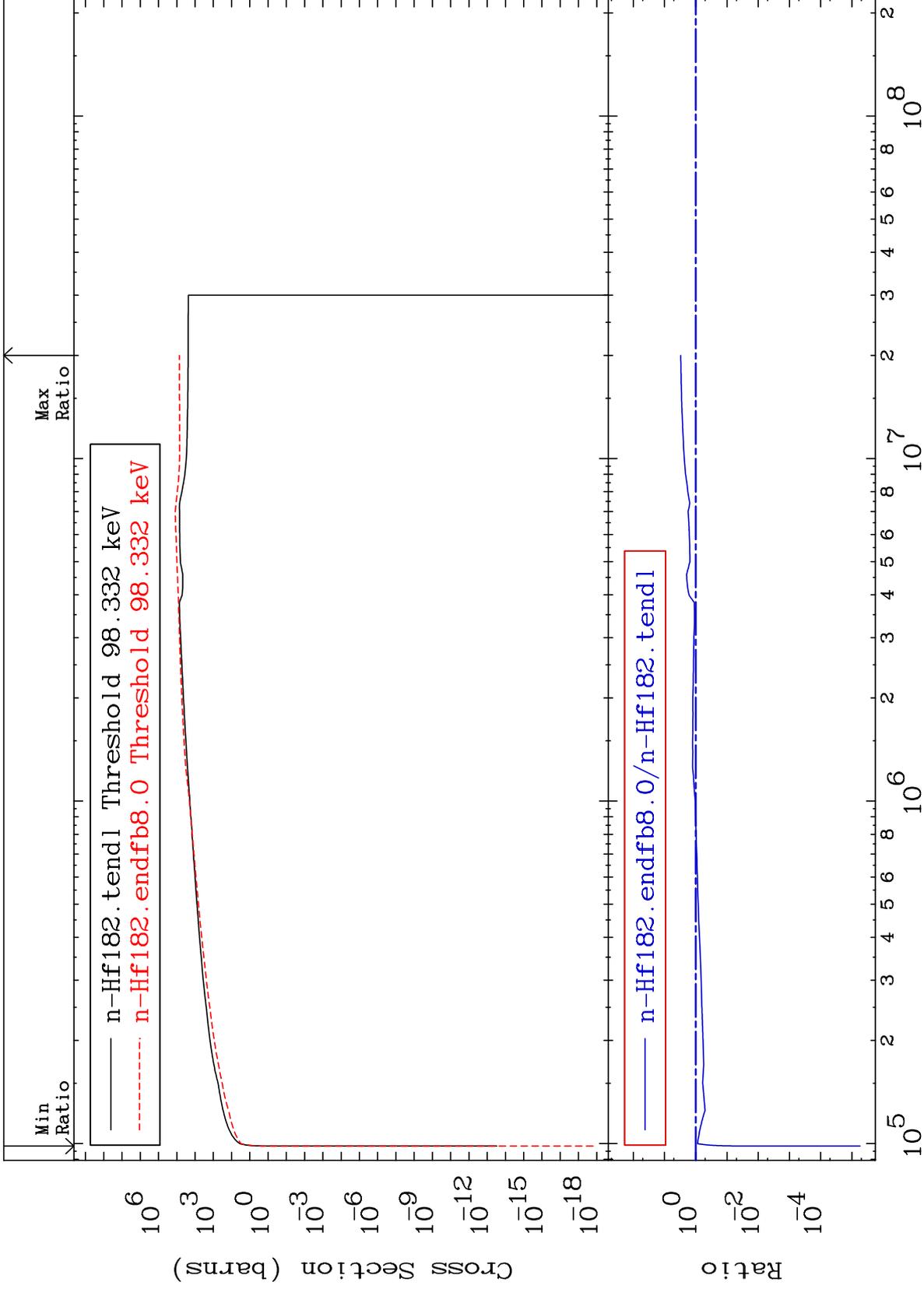
Incident Energy (eV)

72-Hf-182

MAT 7249

Dpa inelastic (mt51-91)
Cross Section

72-Hf-182
-100.0 To 201.8 %



40

72-Hf-182

