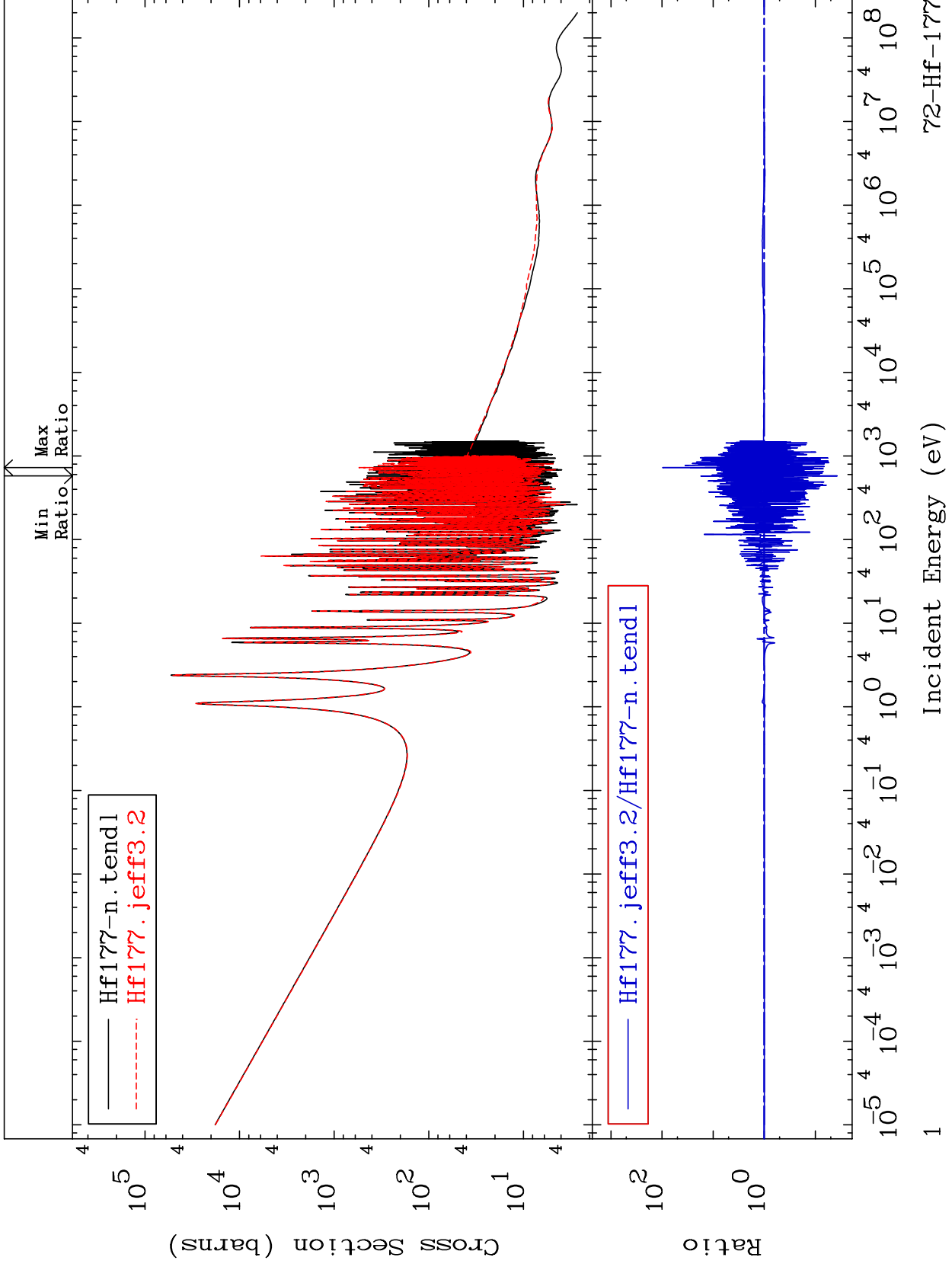


MAT 7234

Total
Cross Section

72-Hf-177
-96.28 To 9534. %



Incident Energy (eV)

72-Hf-177

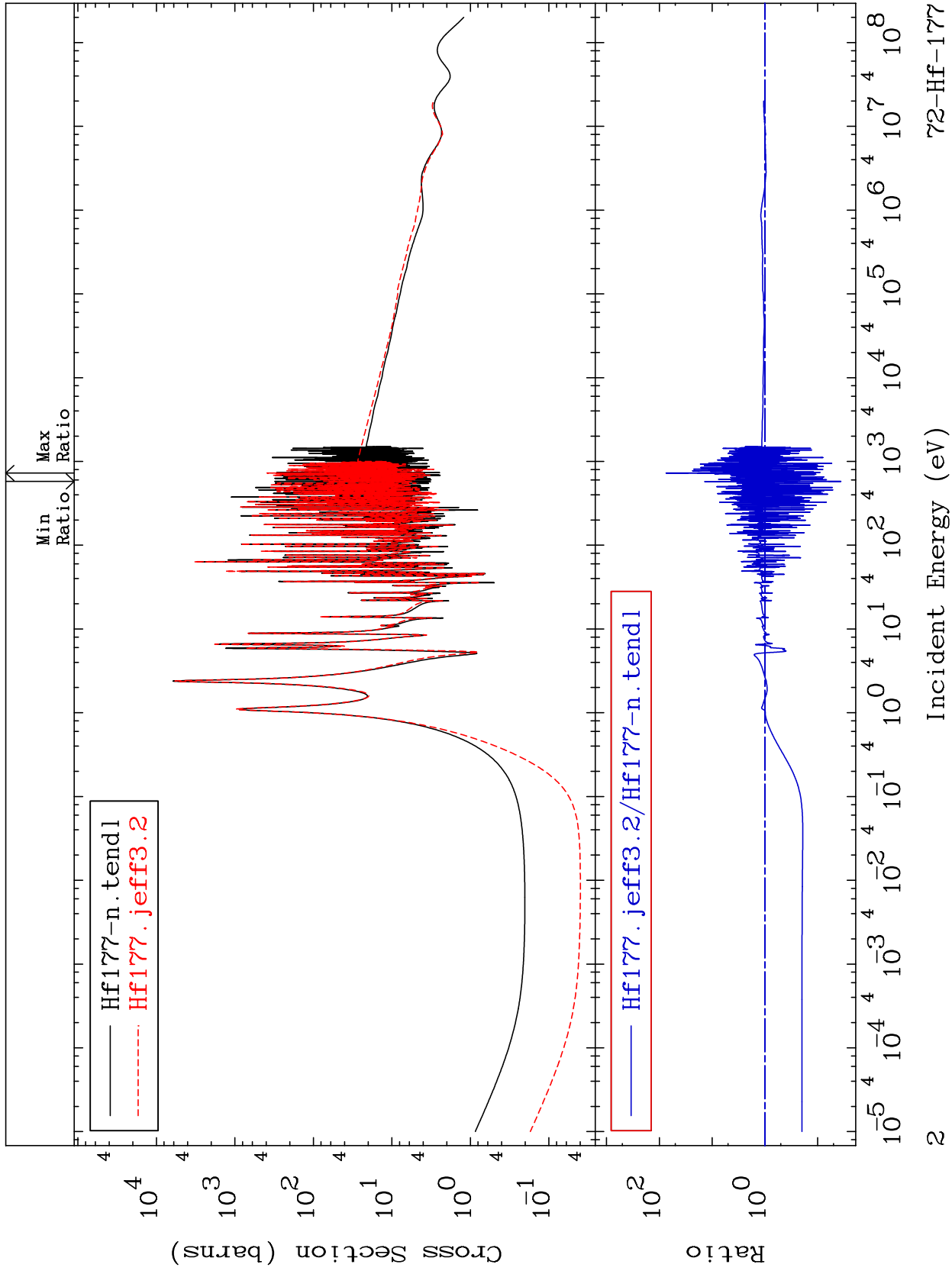
MAT 7234

Elastic

72-Hf-177

Cross Section

-96.35 To 7379. %



72-Hf-177

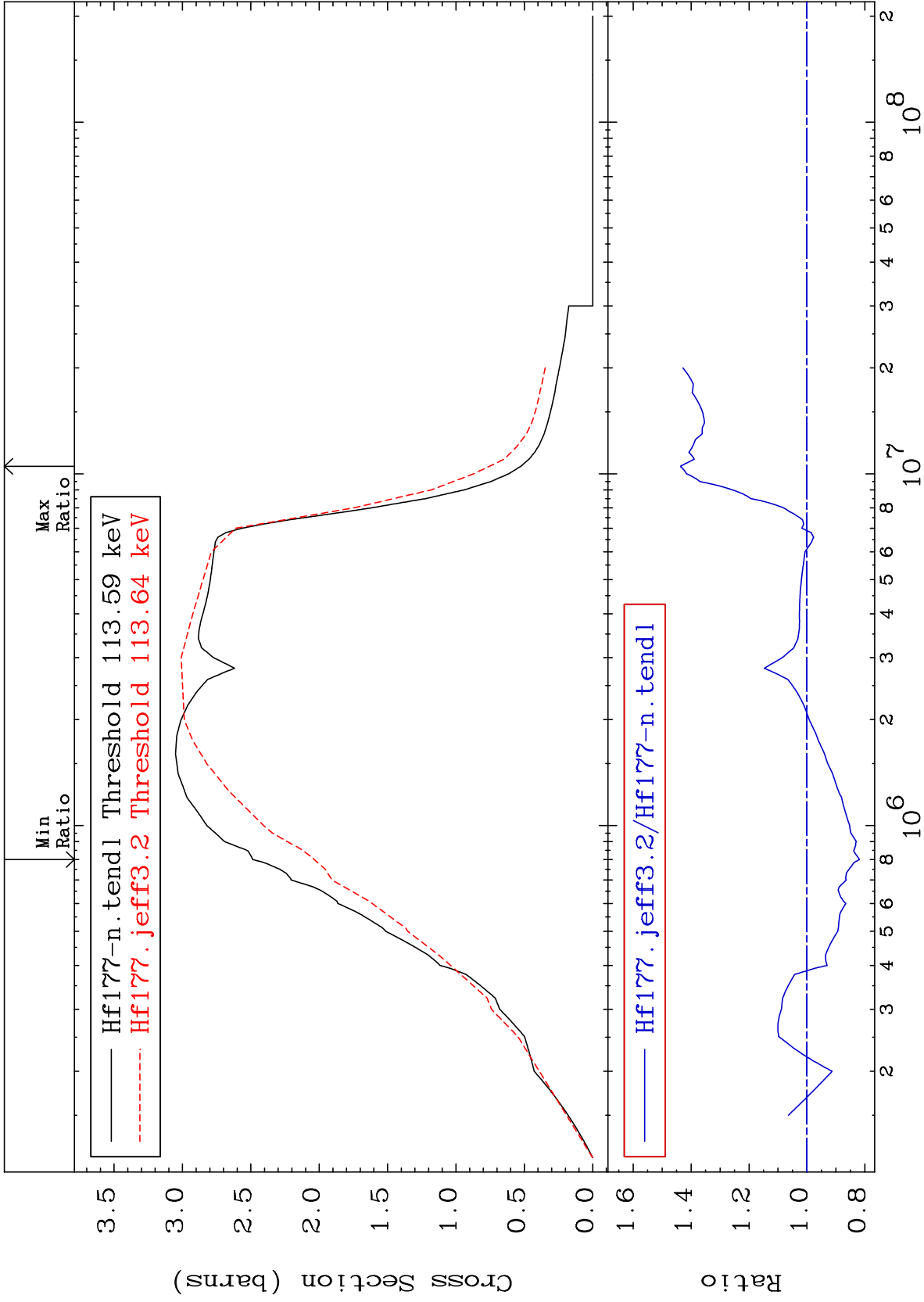
Incident Energy (eV)

2

MAT 7234

Inelastic
Cross Section

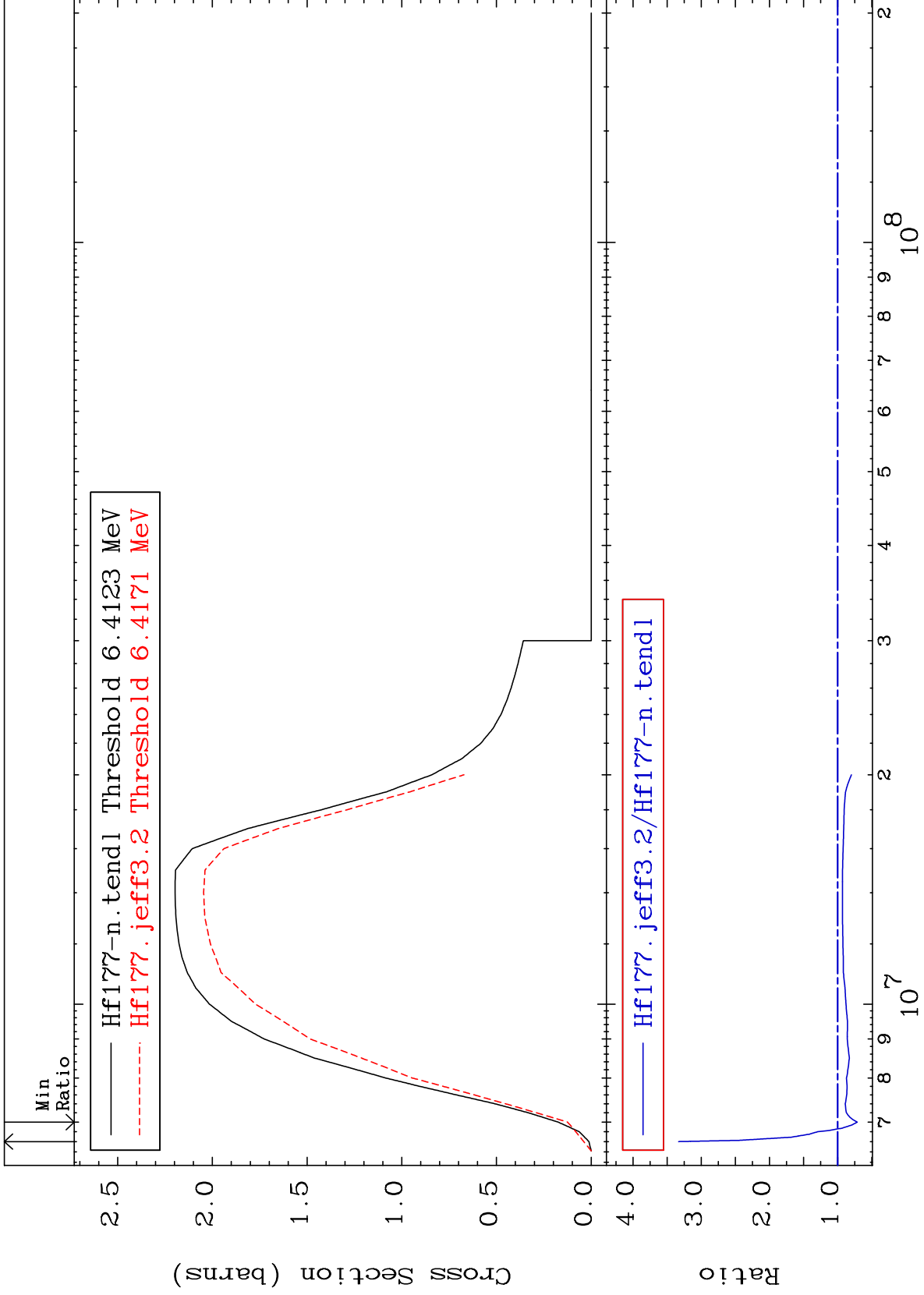
72-Hf-177
-18.12 To 43.71 %

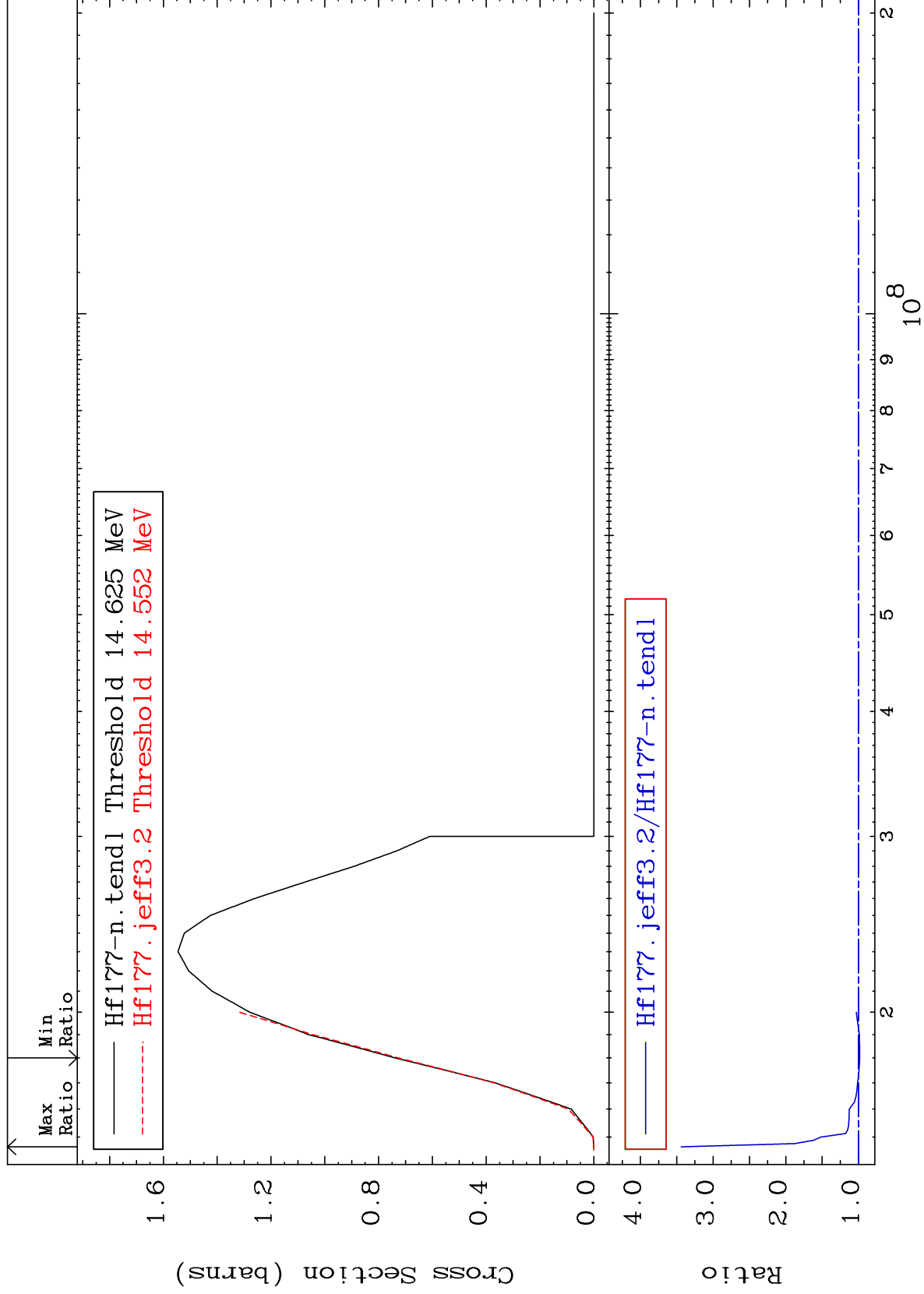


MAT 7234

(n,2n)
Cross Section

⁷²Hf-177
-28.66 To 233.2 %

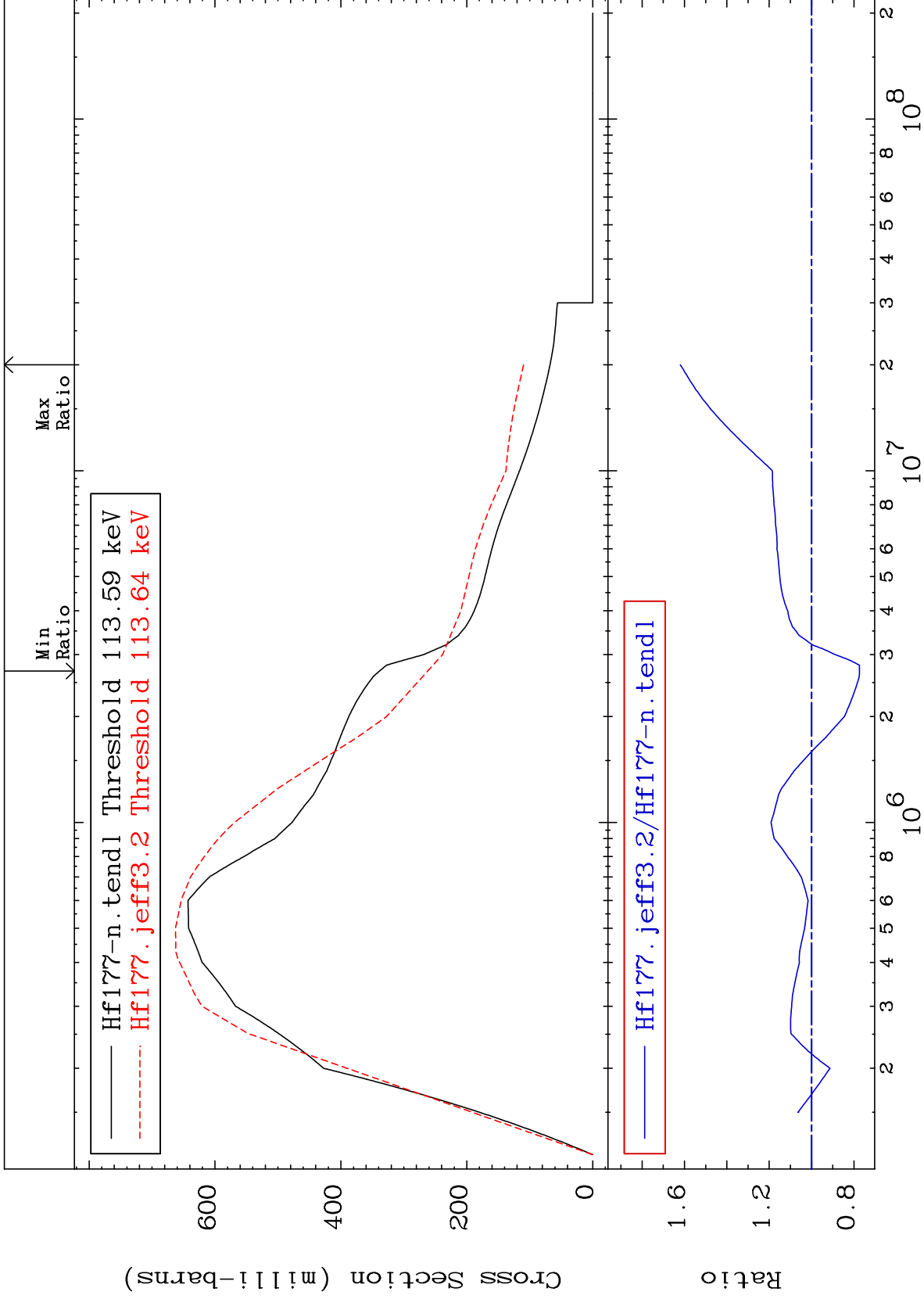




MAT 7234

113.0 keV (n,n') Level
Cross Section

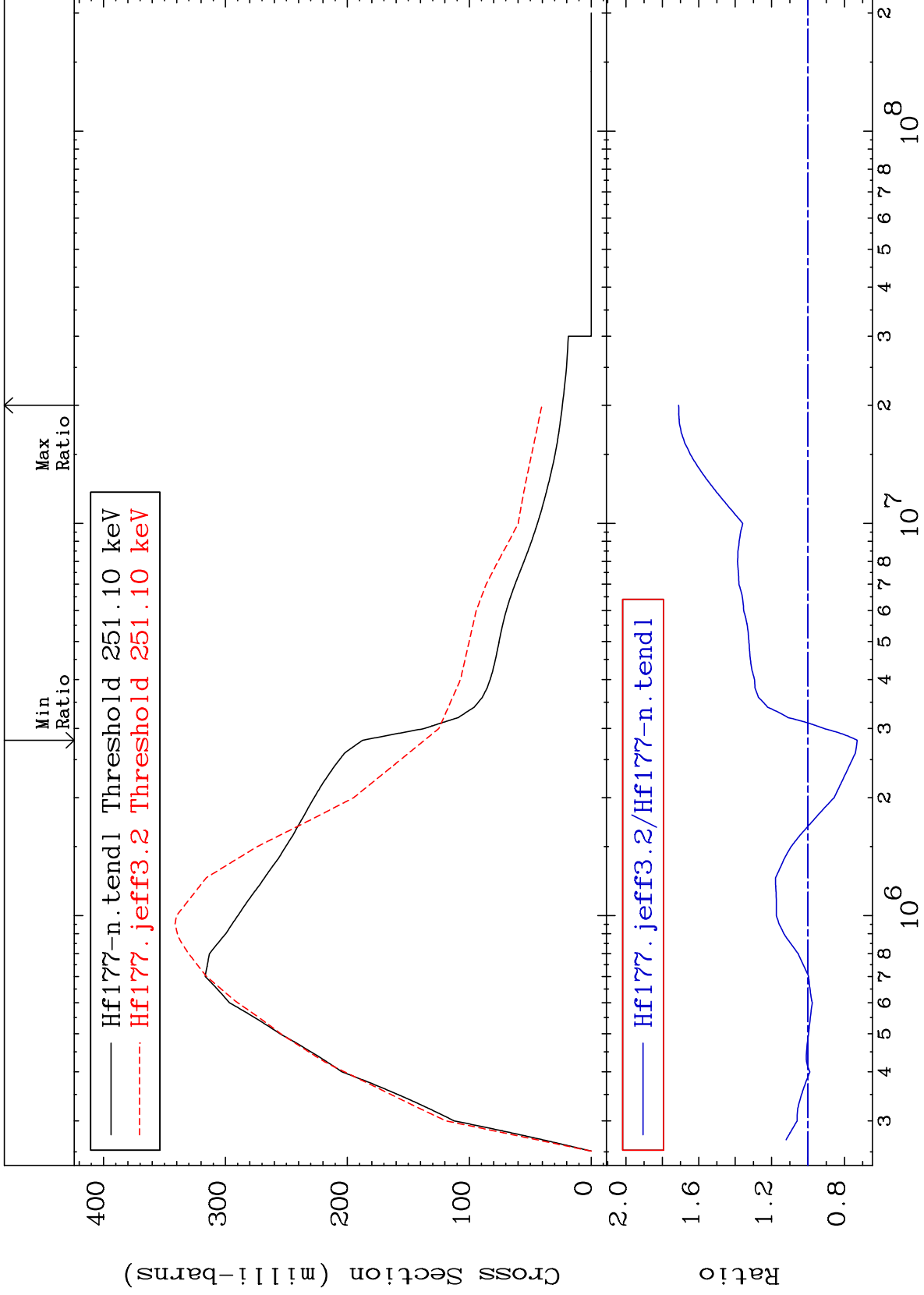
72-Hf-177
-22.59 To 61.94 %



MAT 7234

249.7 keV (n,n') Level
Cross Section

72-Hf-177
-27.02 To 71.04 %



7

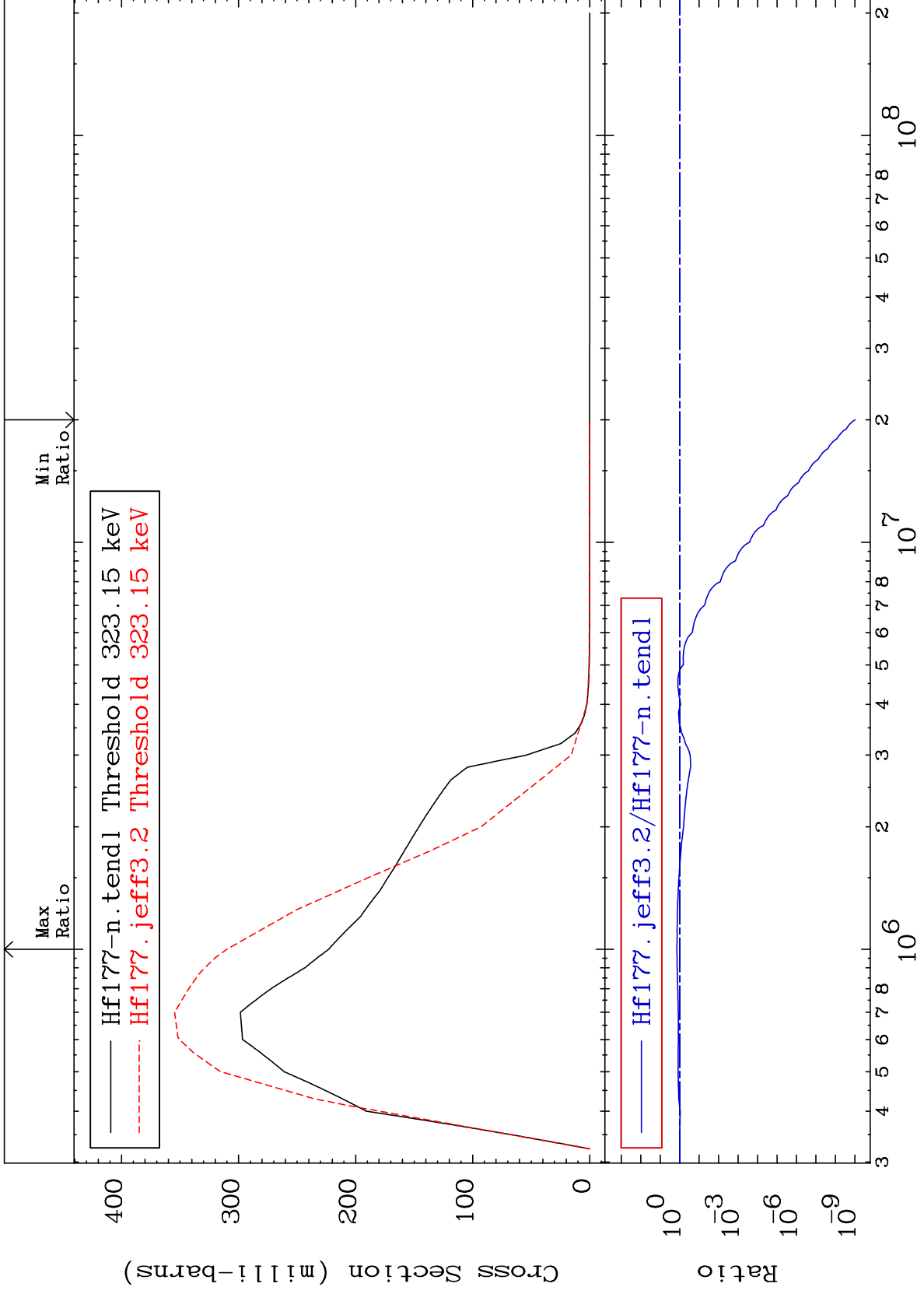
Incident Energy (eV)

72-Hf-177

MAT 7234

321.3 keV (n,n') Level
Cross Section

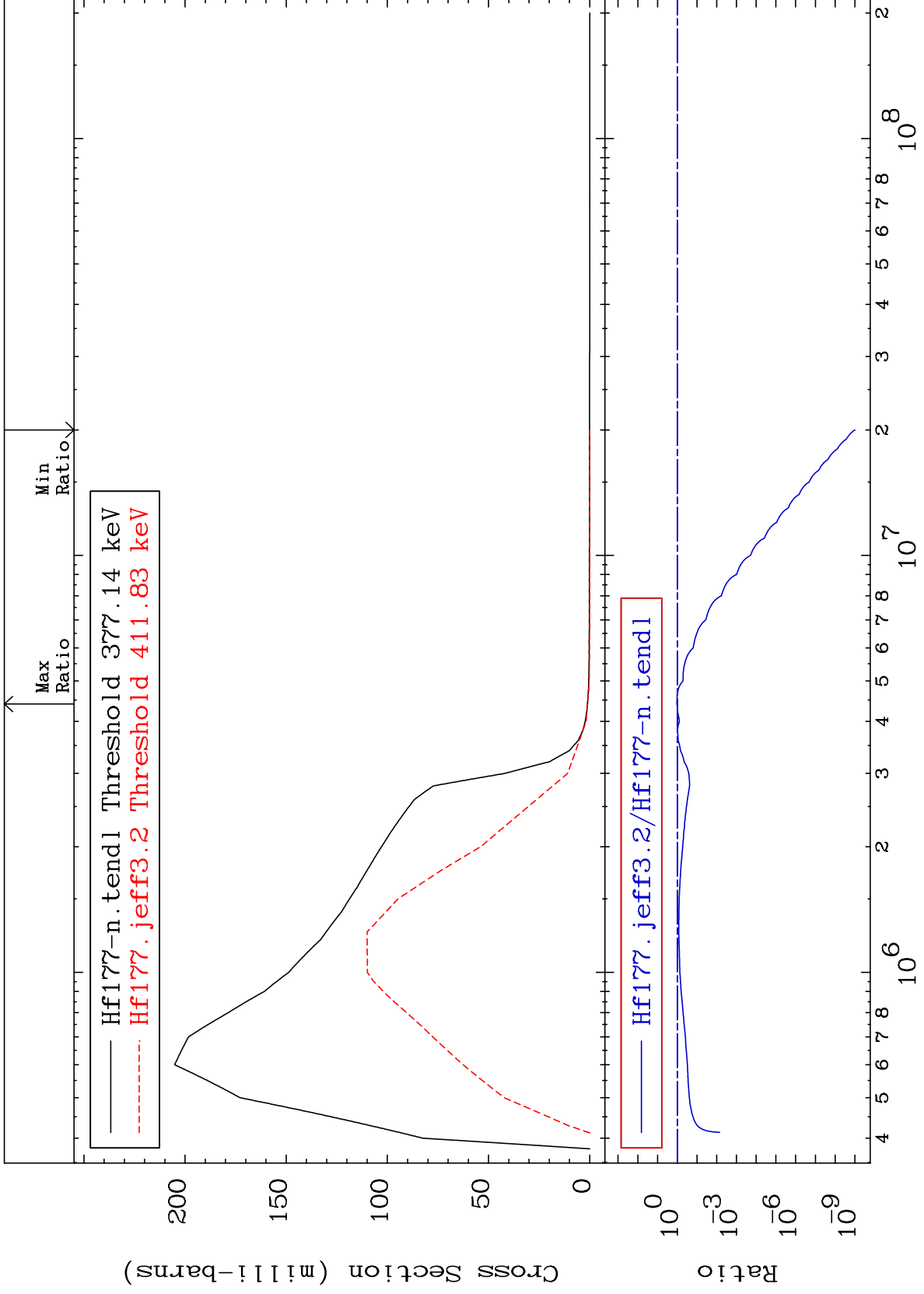
⁷²Hf-177
-100.0 To 38.95 %



MAT 7234

375.0 keV (n,n') Level
Cross Section

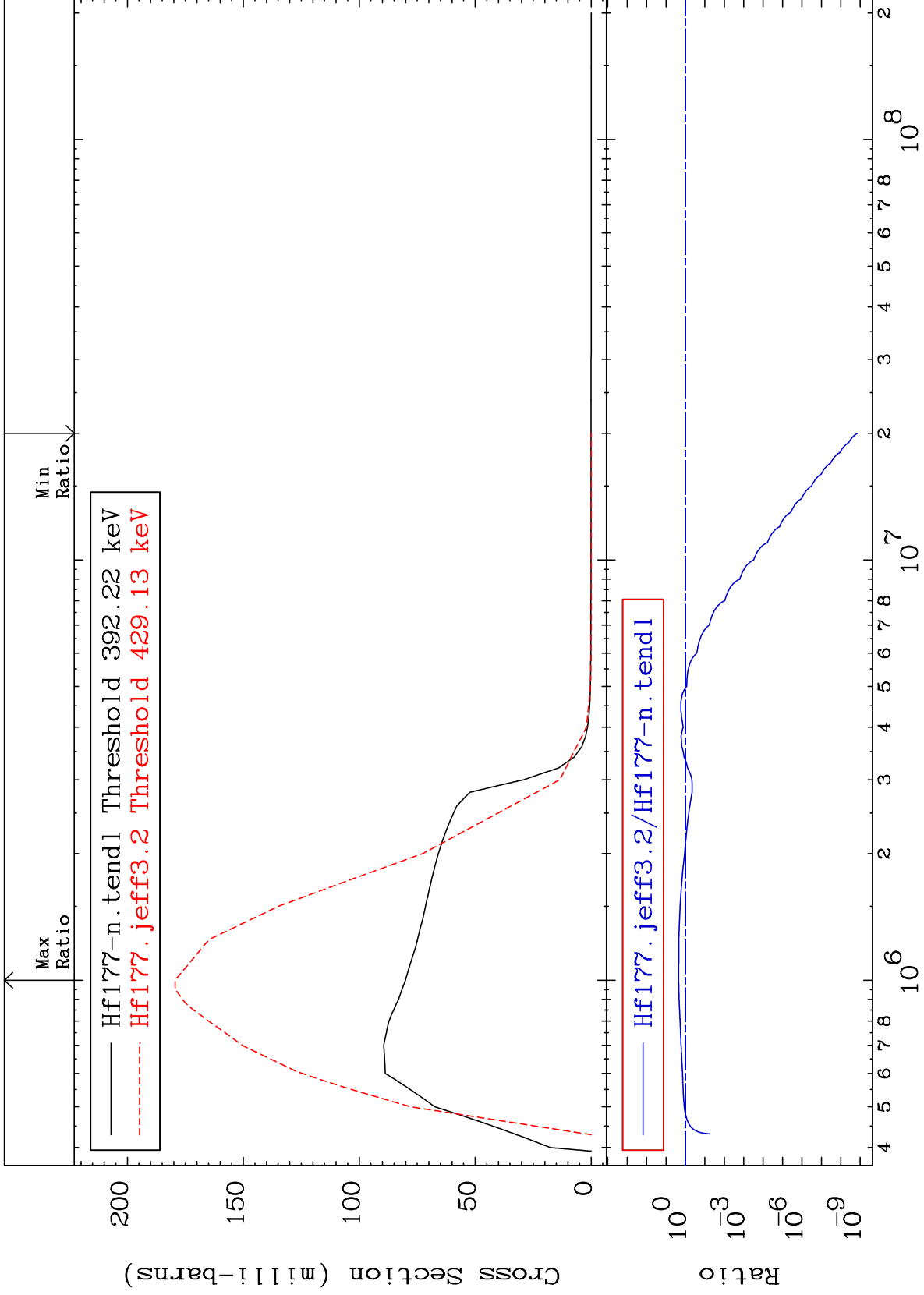
72-Hf-177
-100.0 To 3.877 %



MAT 7234

390.0 keV (n,n') Level
Cross Section

⁷²Hf-177
-100.0 To 124.0 %



10

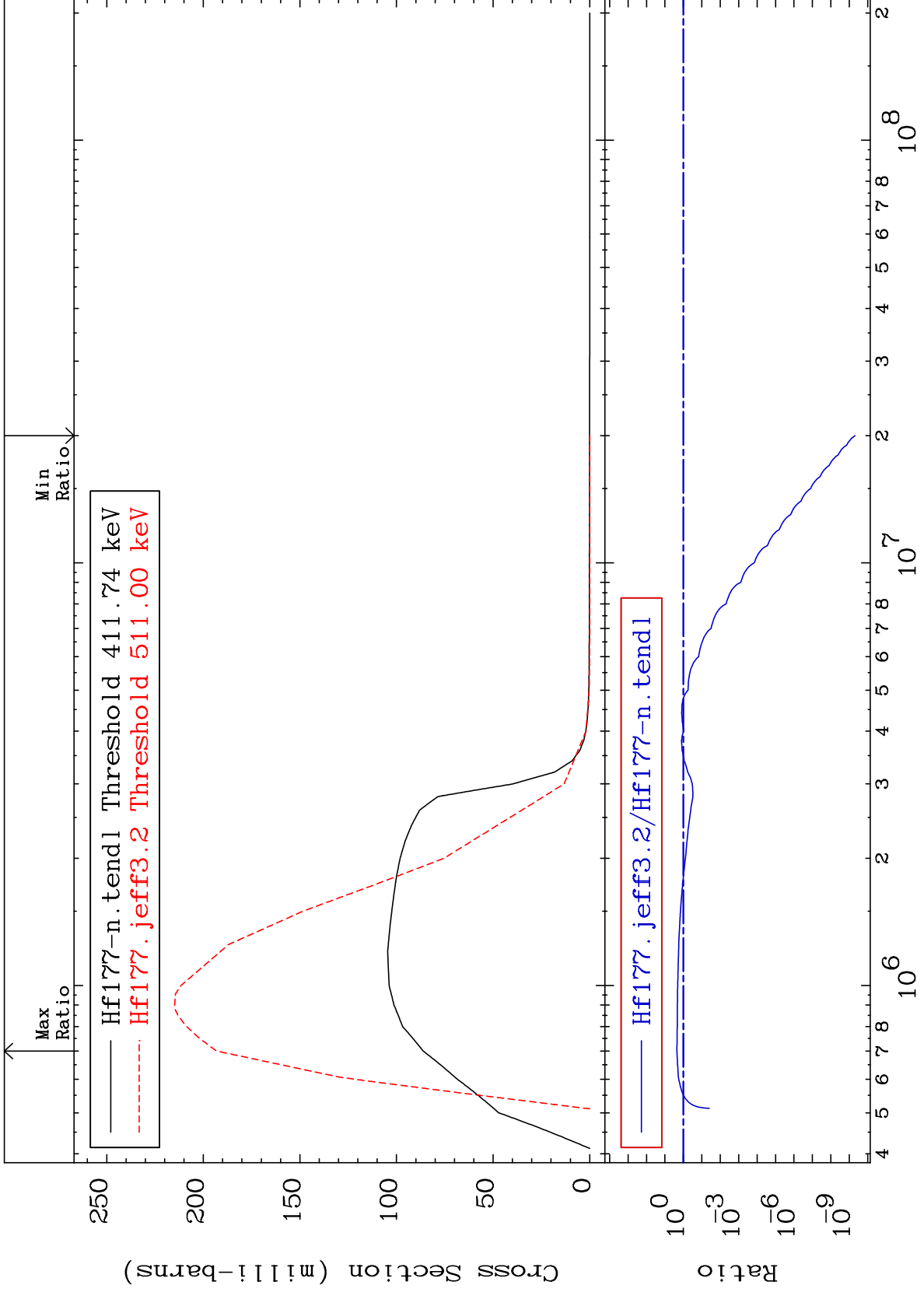
Incident Energy (eV)

⁷²Hf-177

MAT 7234

409.4 keV (n,n') Level
Cross Section

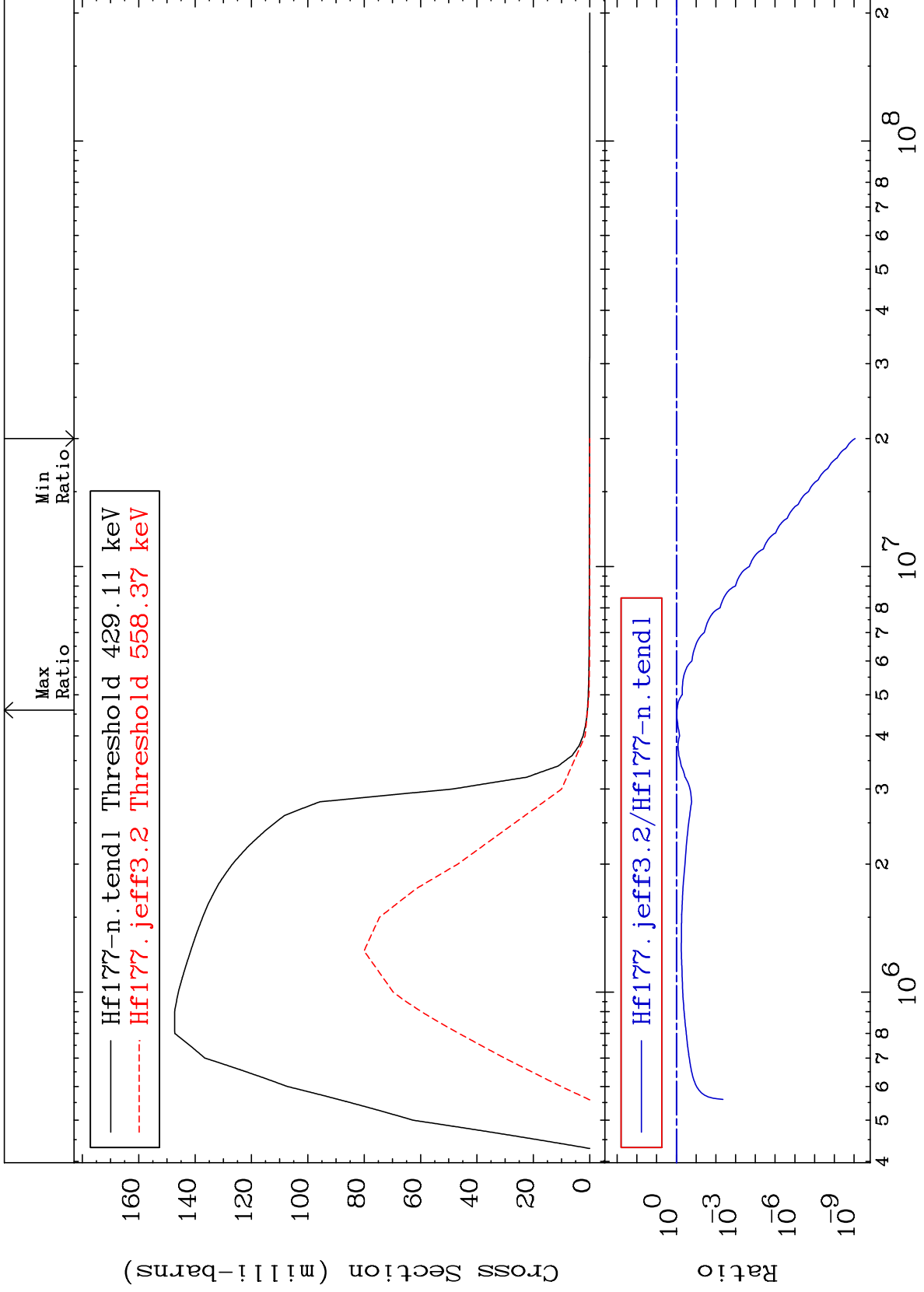
72-Hf-177
-100.0 To 124.0 %



MAT 7234

426.7 keV (n,n') Level
Cross Section

72-Hf-177
-100.0 To -6.239%



12

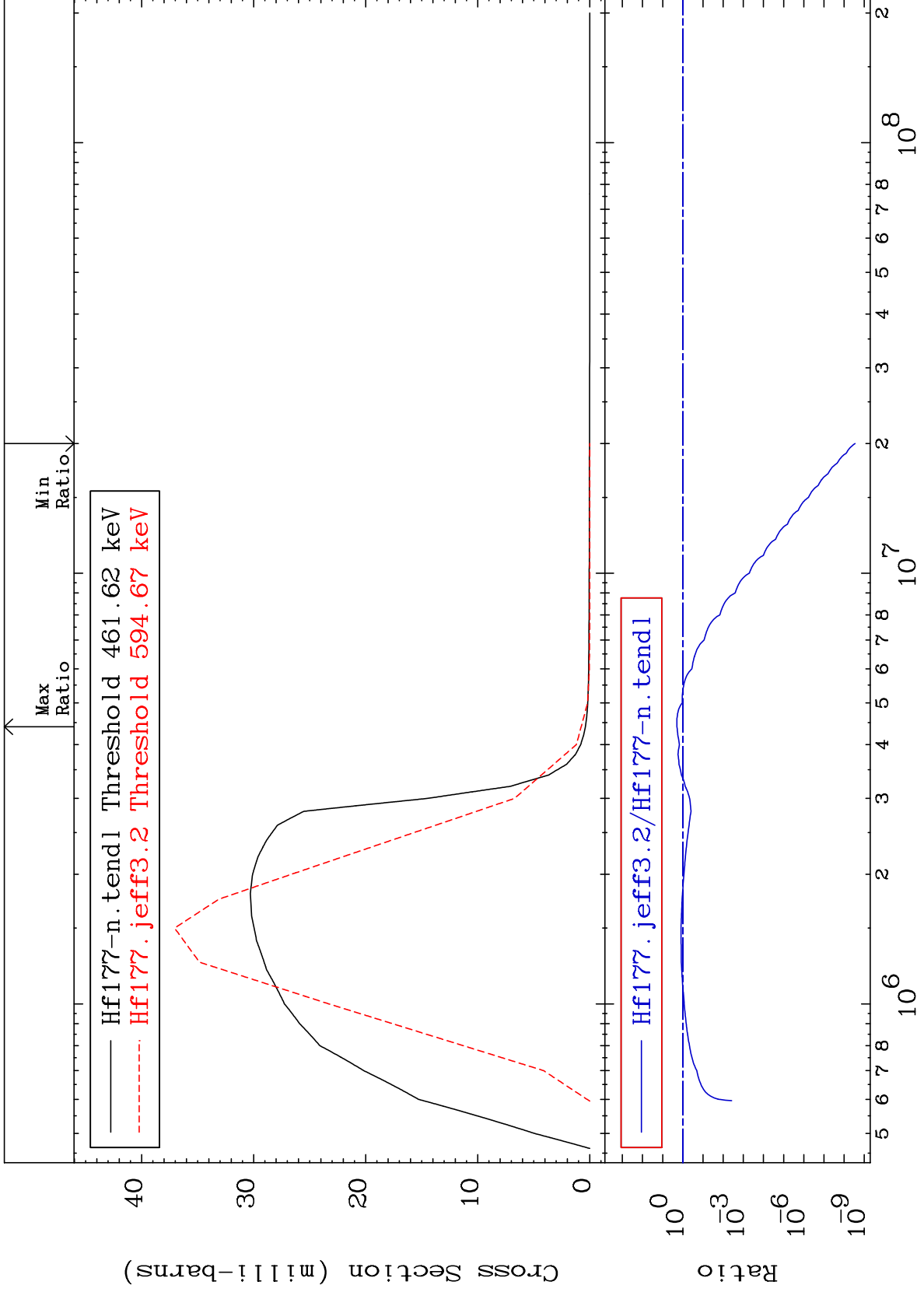
Incident Energy (eV)

72-Hf-177

MAT 7234

459.0 keV (n,n') Level
Cross Section

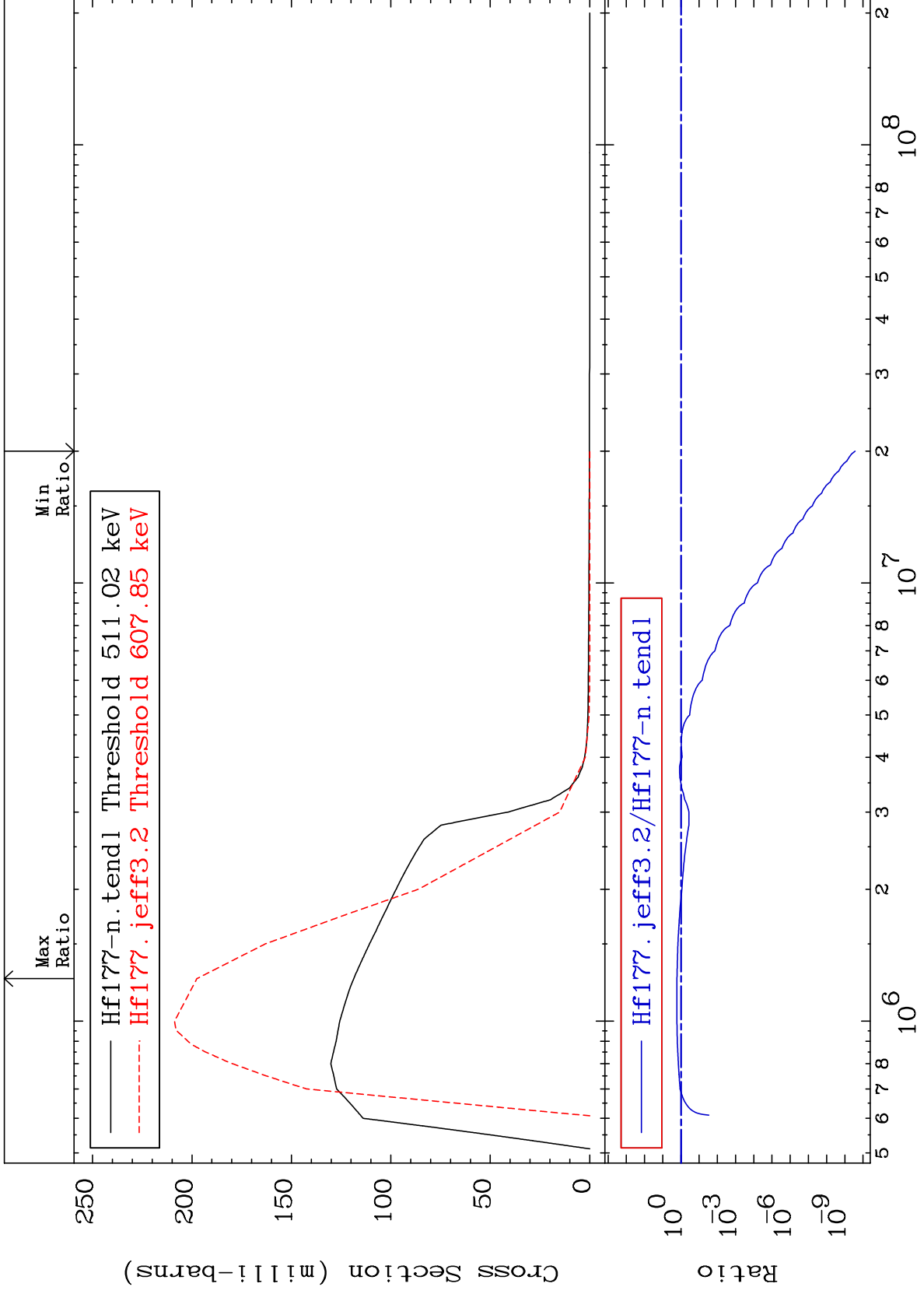
72-Hf-177
-100.0 To 96.57 %



MAT 7234

508.1 keV (n,n') Level
Cross Section

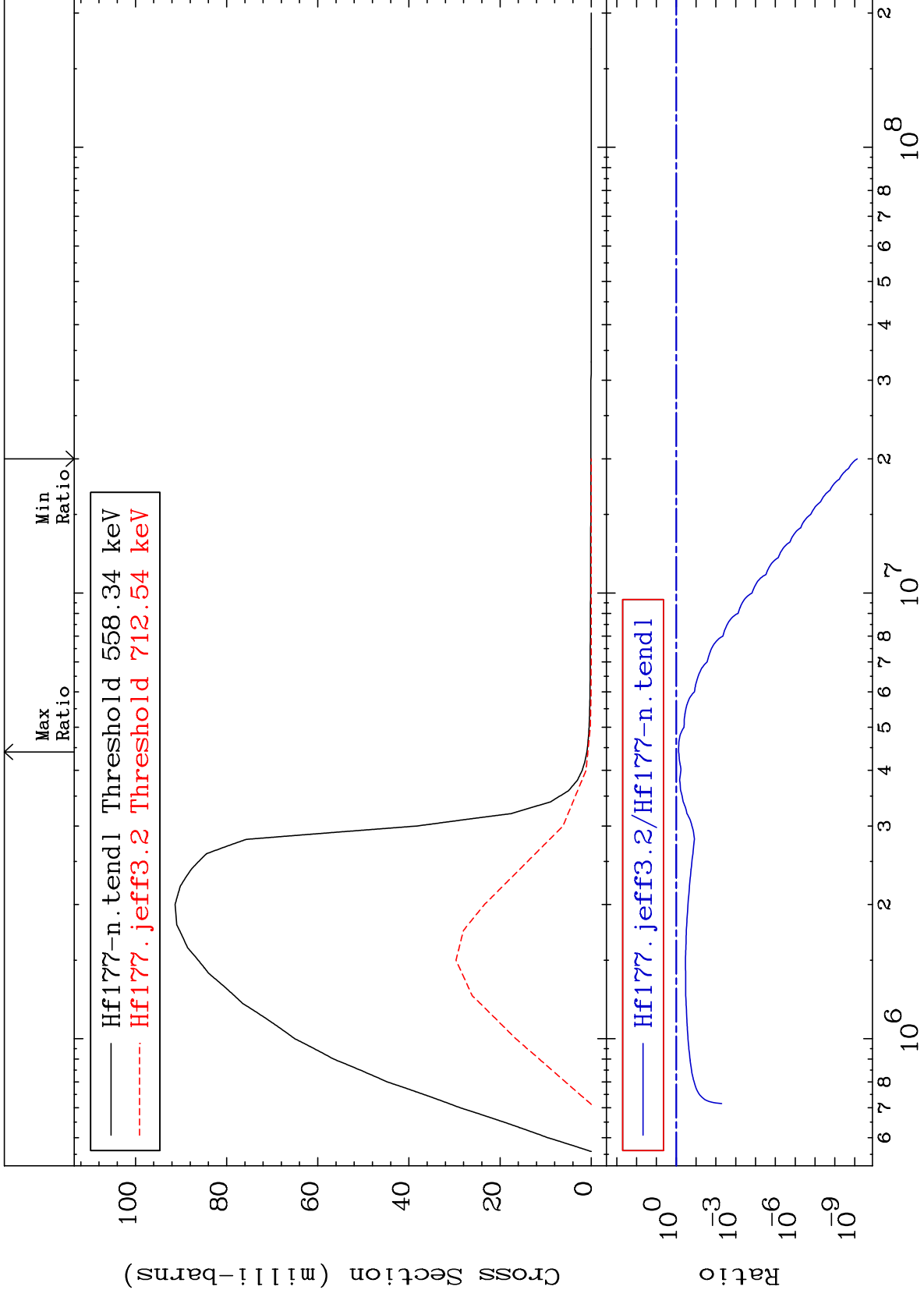
72-Hf-177
-100.0 To 66.50 %



MAT 7234

555.2 keV (n,n') Level
Cross Section

⁷²Hf-177
-100.0 To -24.22%



15

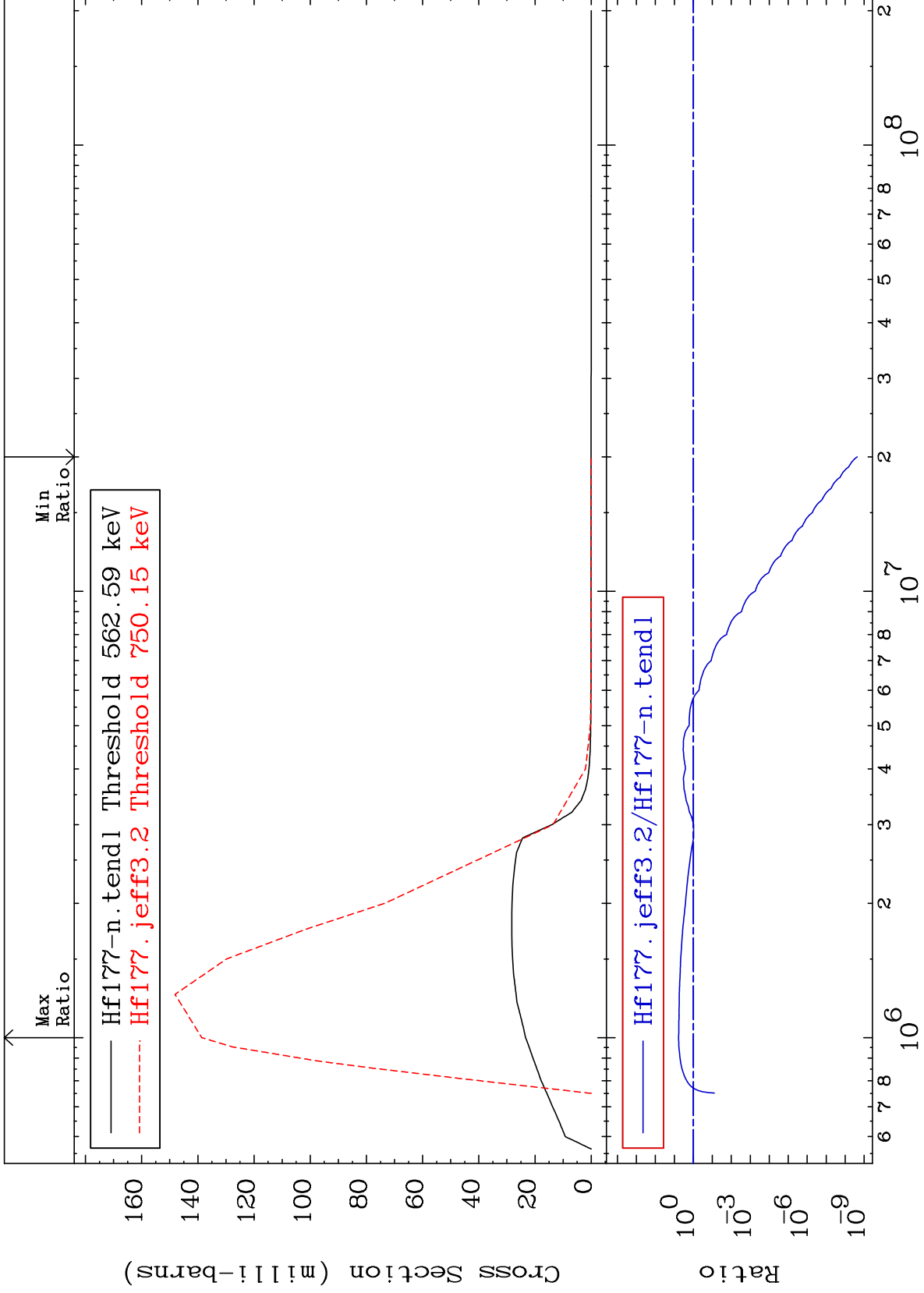
Incident Energy (eV)

⁷²Hf-177

MAT 7234

559.4 keV (n,n') Level
Cross Section

72-Hf-177
-100.0 To 493.9 %



16

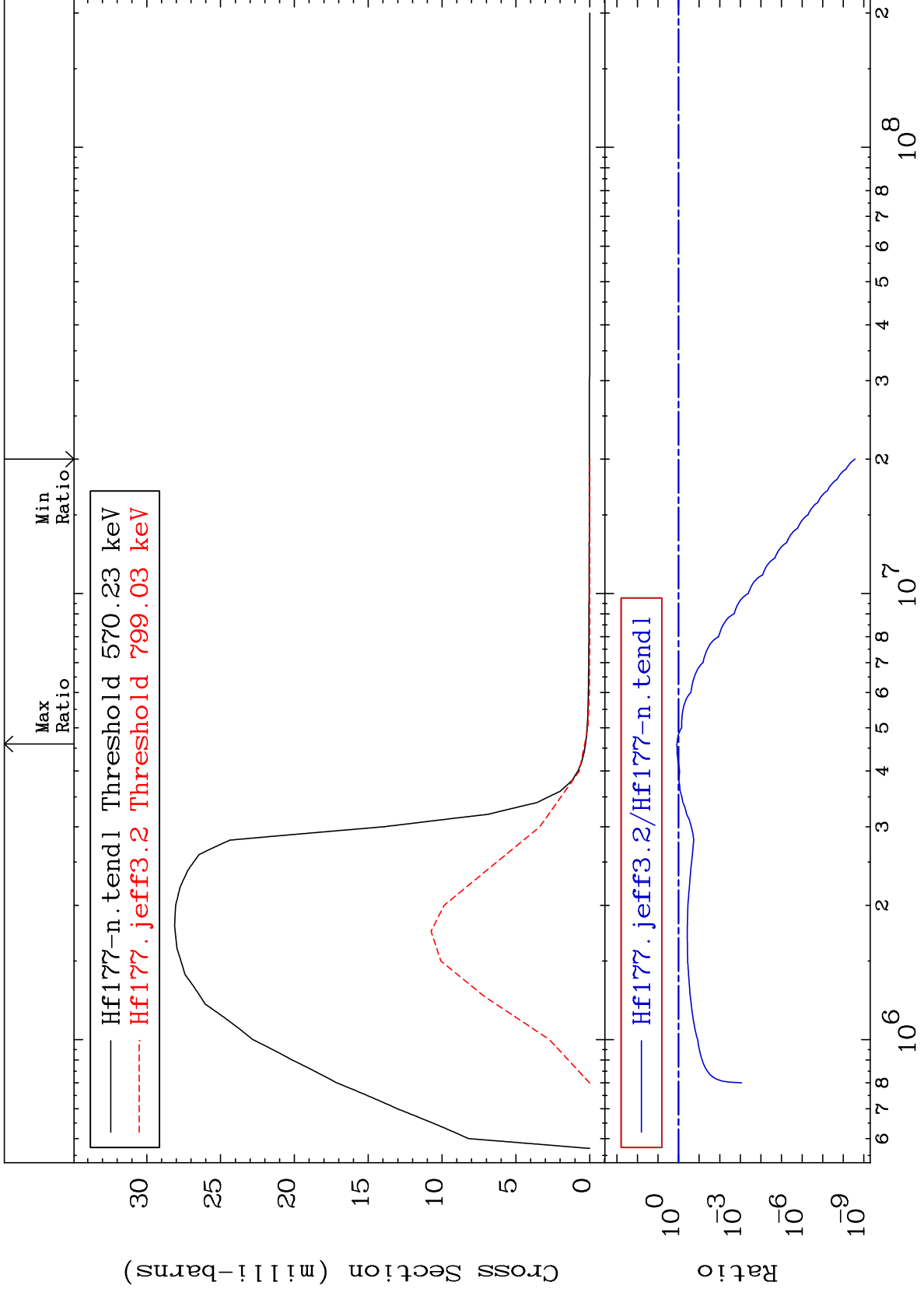
Incident Energy (eV)

72-Hf-177

MAT 7234

567.0 keV (n,n') Level
Cross Section

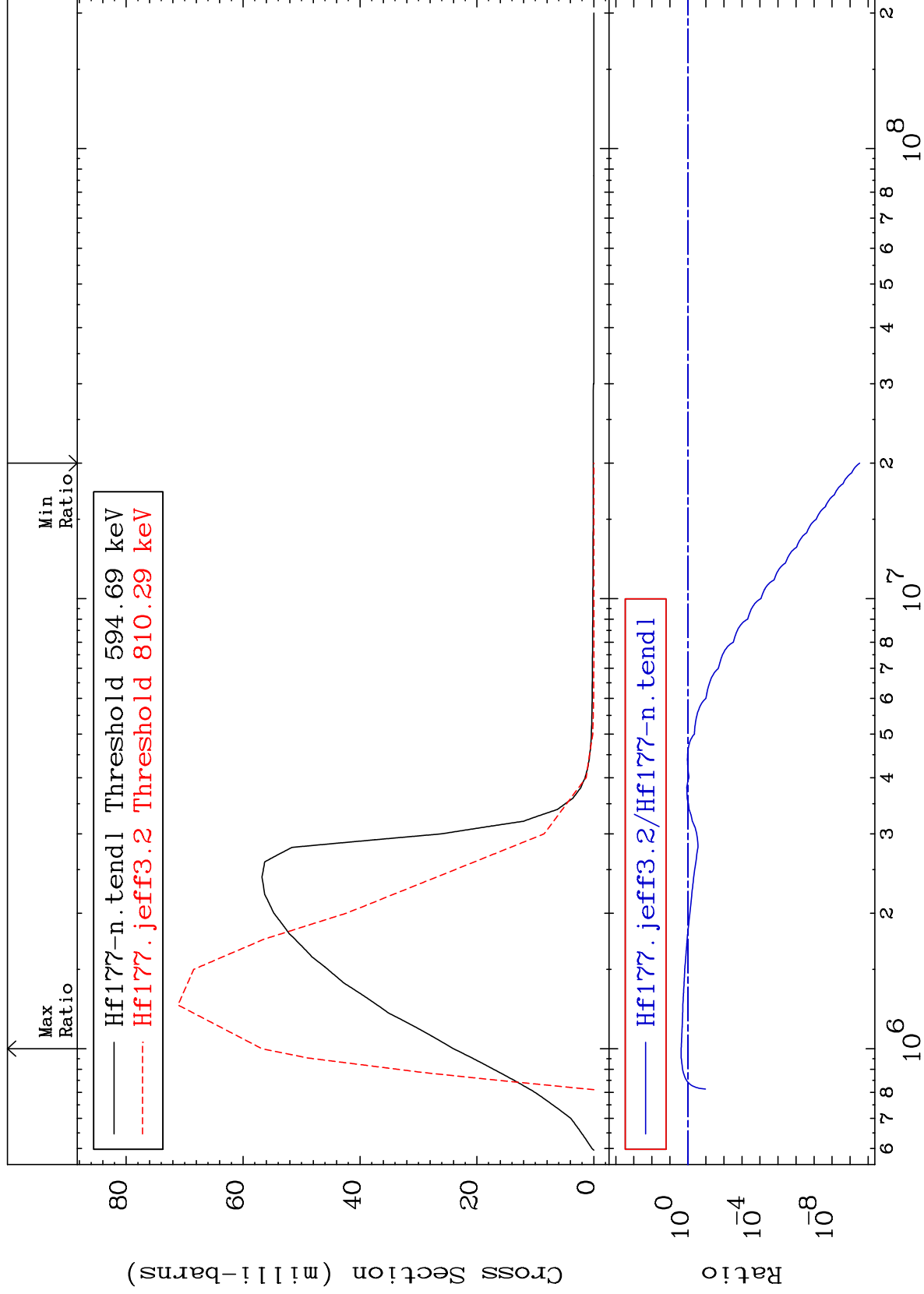
72-Hf-177
-100.0 To 20.52 %



MAT 7234

591.3 keV (n,n') Level
Cross Section

⁷²Hf-177
-100.0 To 136.3 %



18

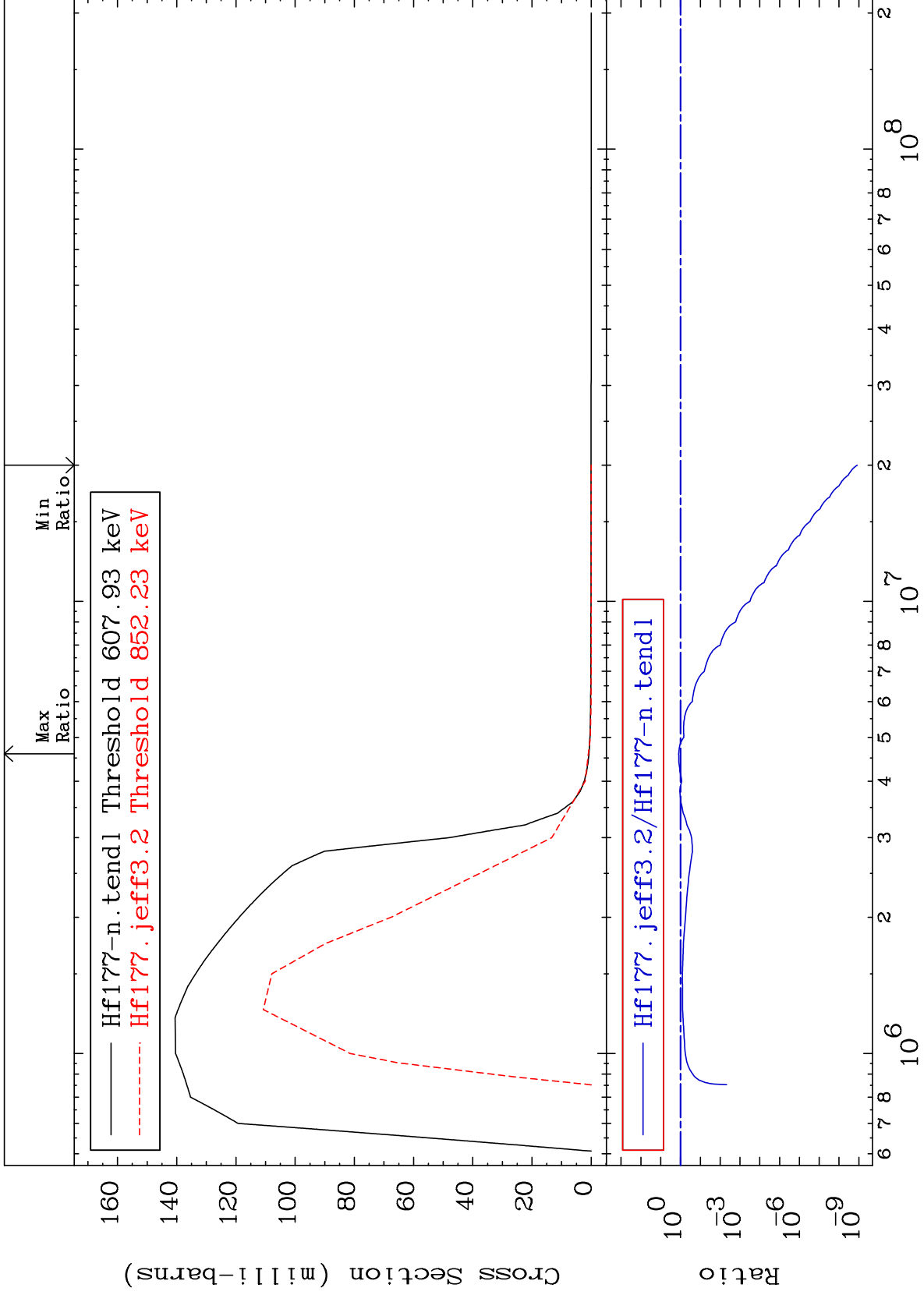
Incident Energy (eV)

⁷²Hf-177

MAT 7234

604.5 keV (n,n') Level
Cross Section

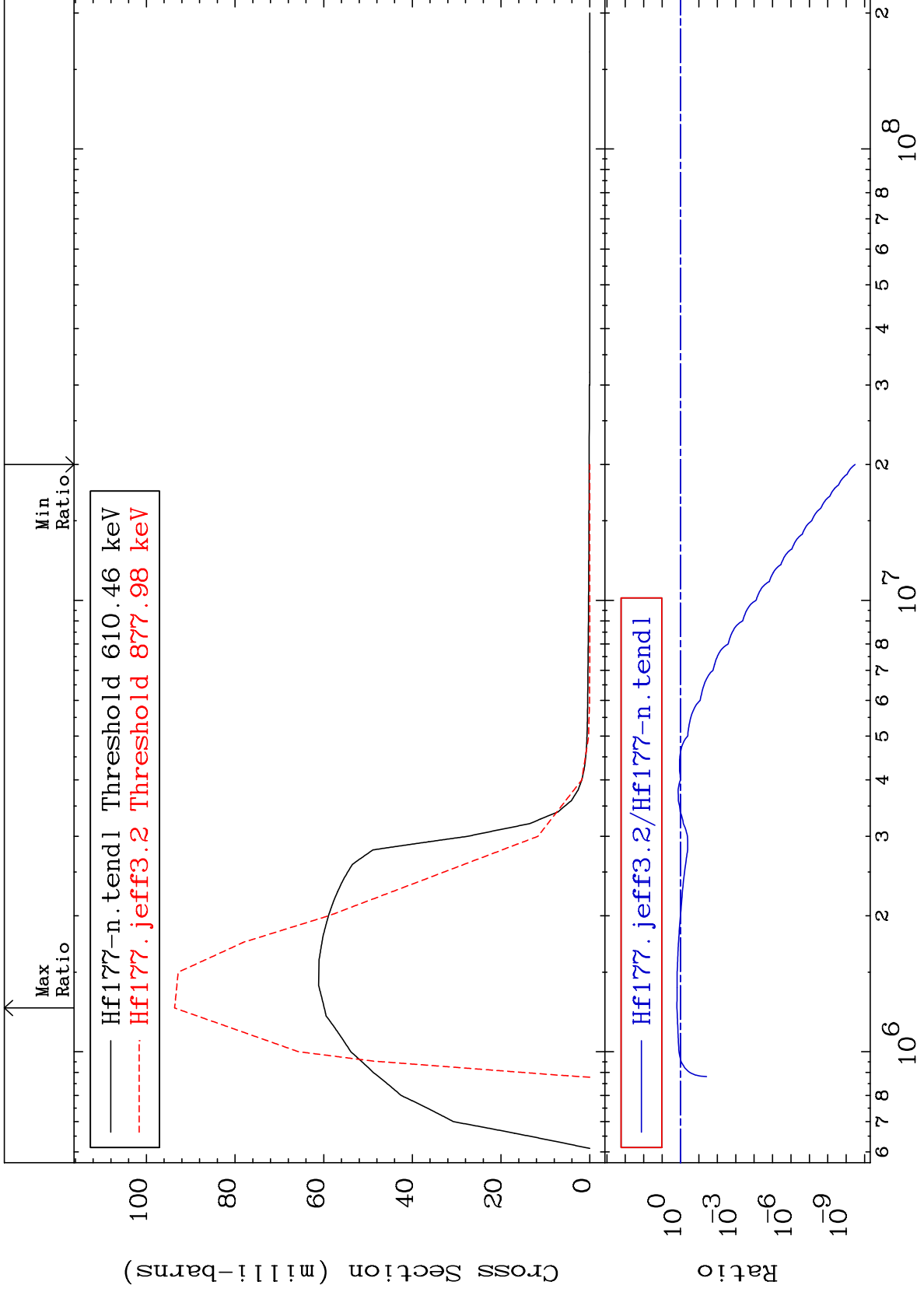
72-Hf-177
-100.0 To 24.54 %



MAT 7234

607.0 keV (n,n') Level
Cross Section

⁷²Hf-177
-100.0 To 56.40 %



20

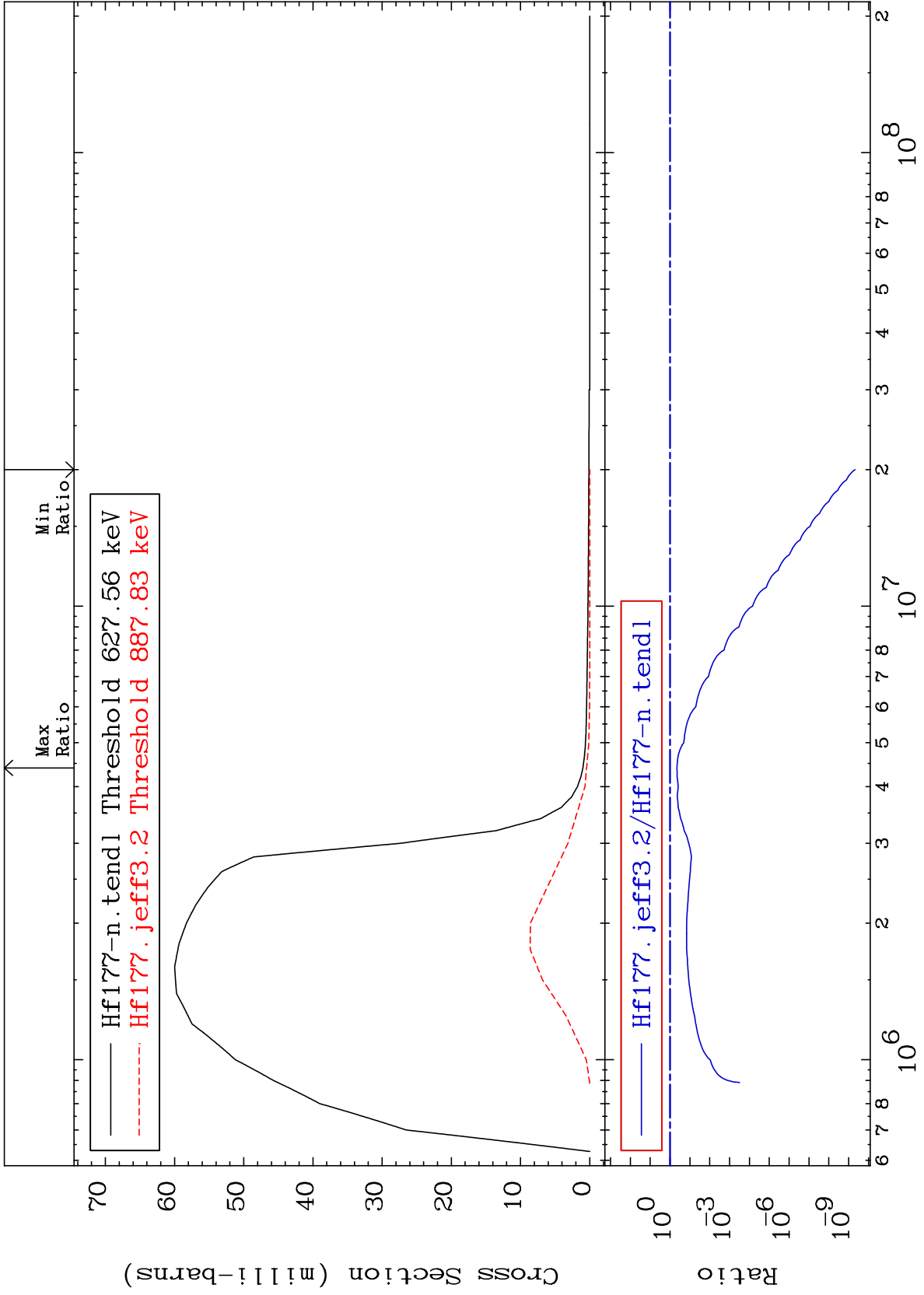
Incident Energy (eV)

⁷²Hf-177

MAT 7234

624.0 keV (n,n') Level
Cross Section

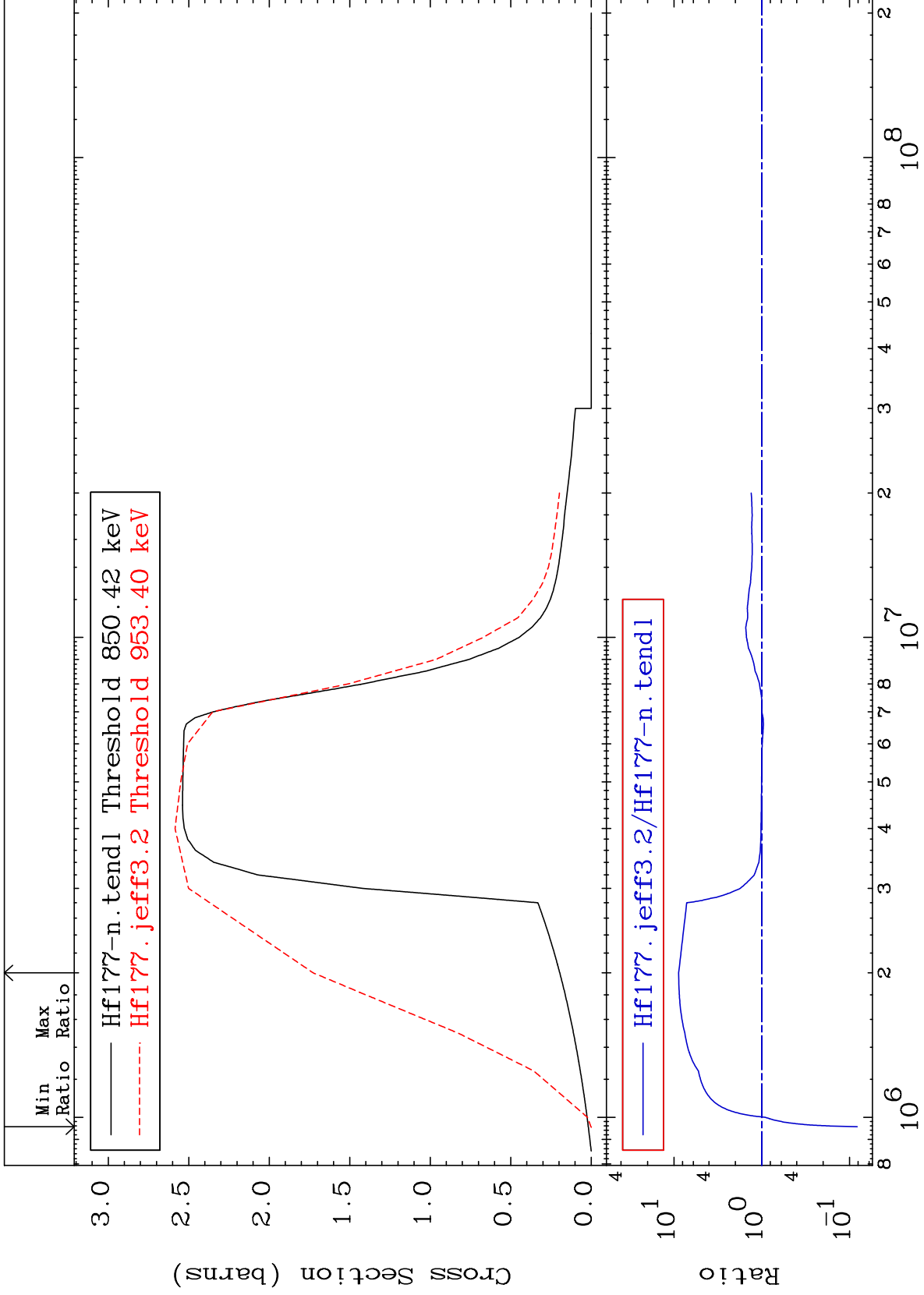
72-Hf-177
-100.0 To -55.17%



MAT 7234

(n, n') Continuum
Cross Section

72-Hf-177
-91.81 To 784.4 %



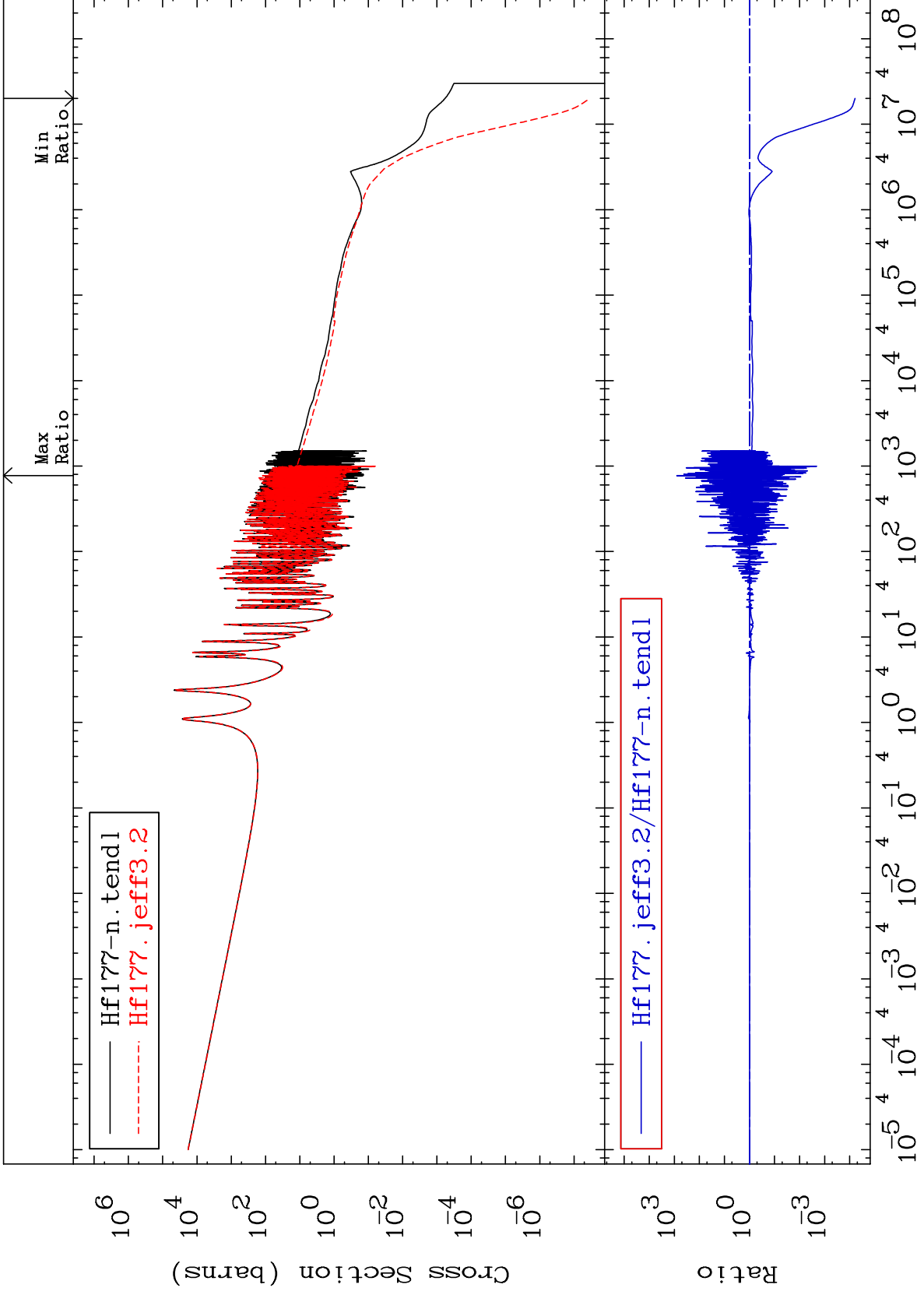
MAT 7234

(n, γ)

72-Hf-177

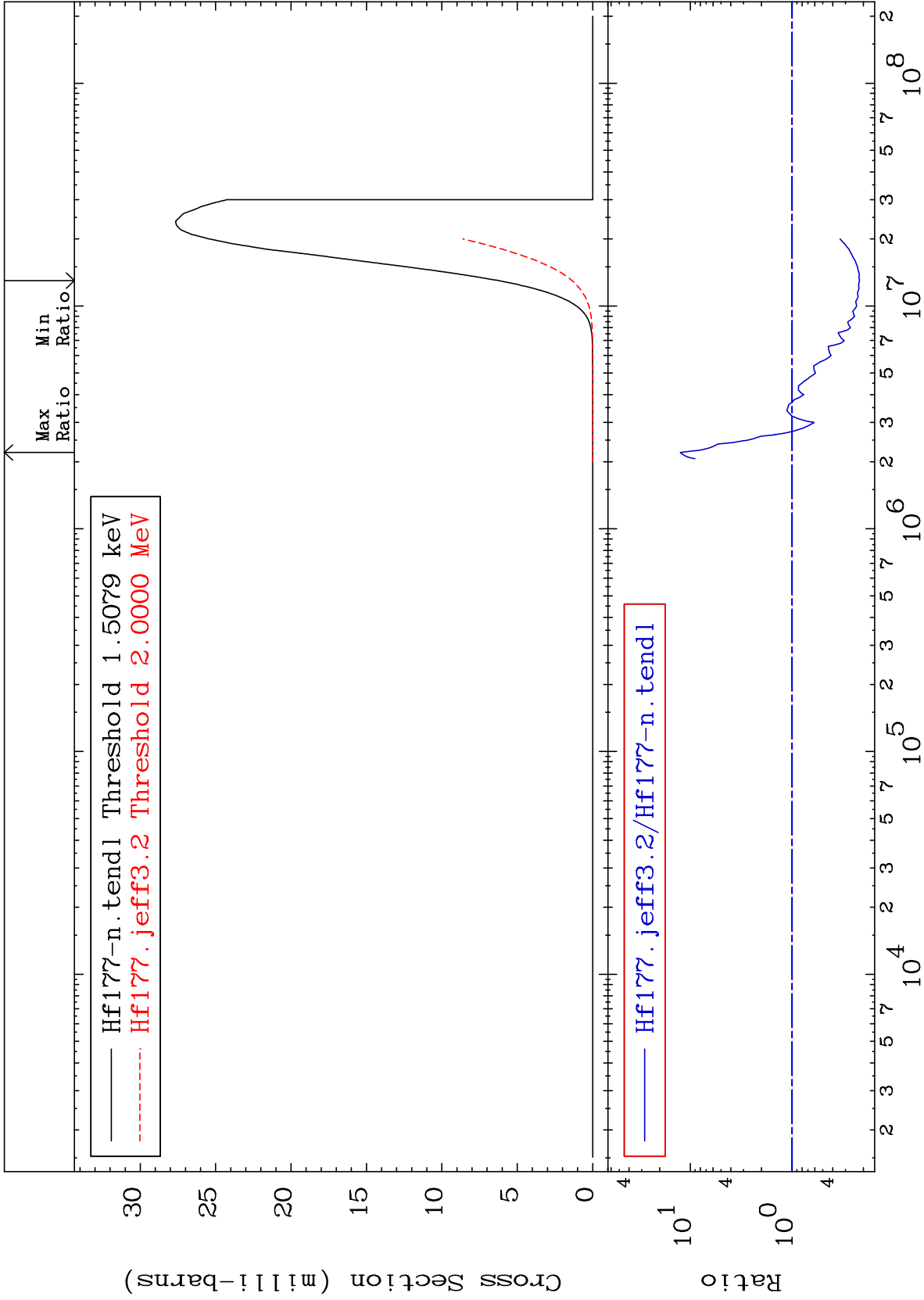
Cross Section

-99.99 To 9999. %



Cross Section

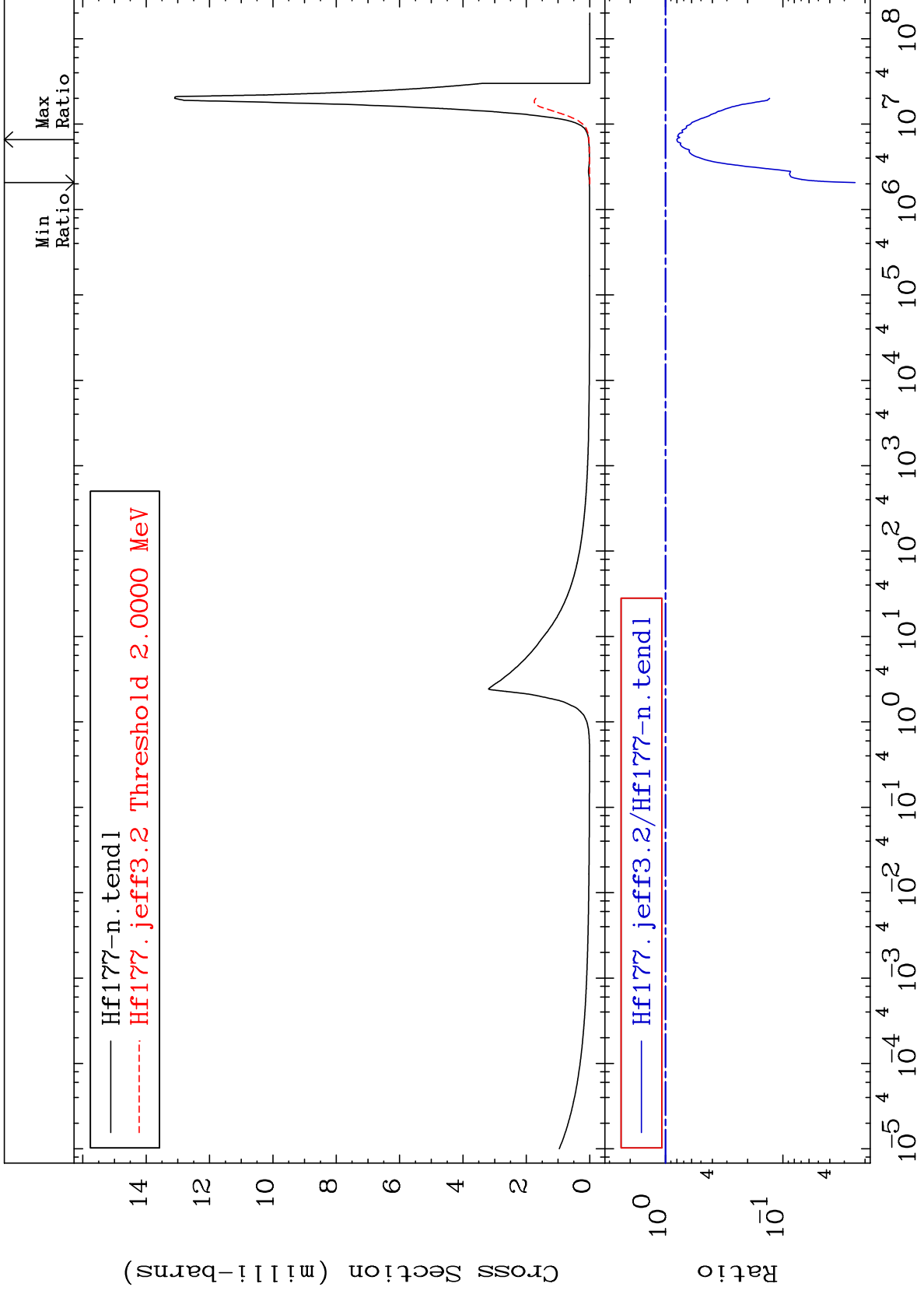
-78.18 To 1154. %



MAT 7234

(n, α)
Cross Section

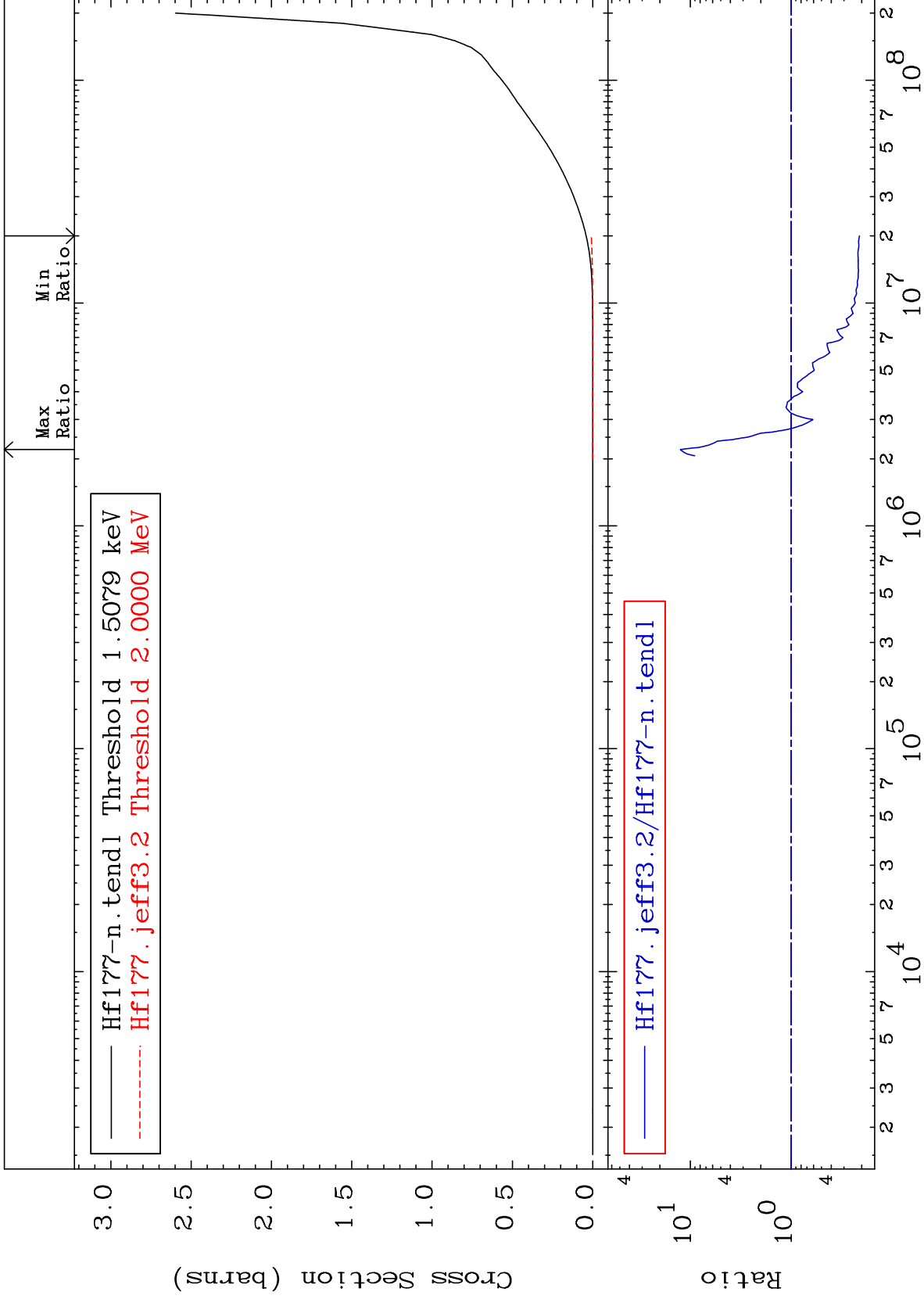
72-Hf-177
-97.57 To -19.98%



Incident Energy (eV)

72-Hf-177

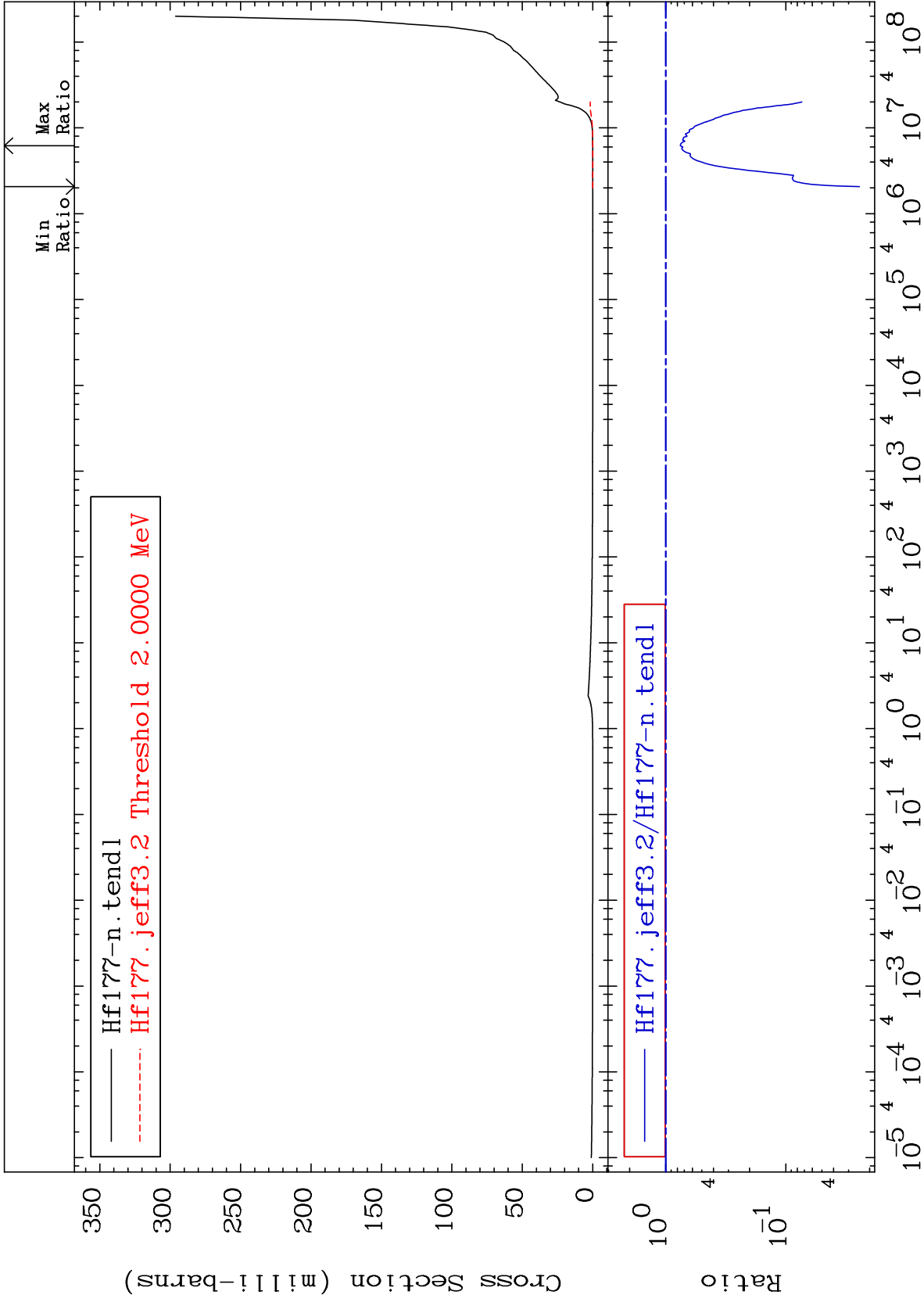
25



MAT 7234

He-4 Production
Cross Section

72-Hf-177
-97.57 To -24.45%



27

Incident Energy (eV)

72-Hf-177

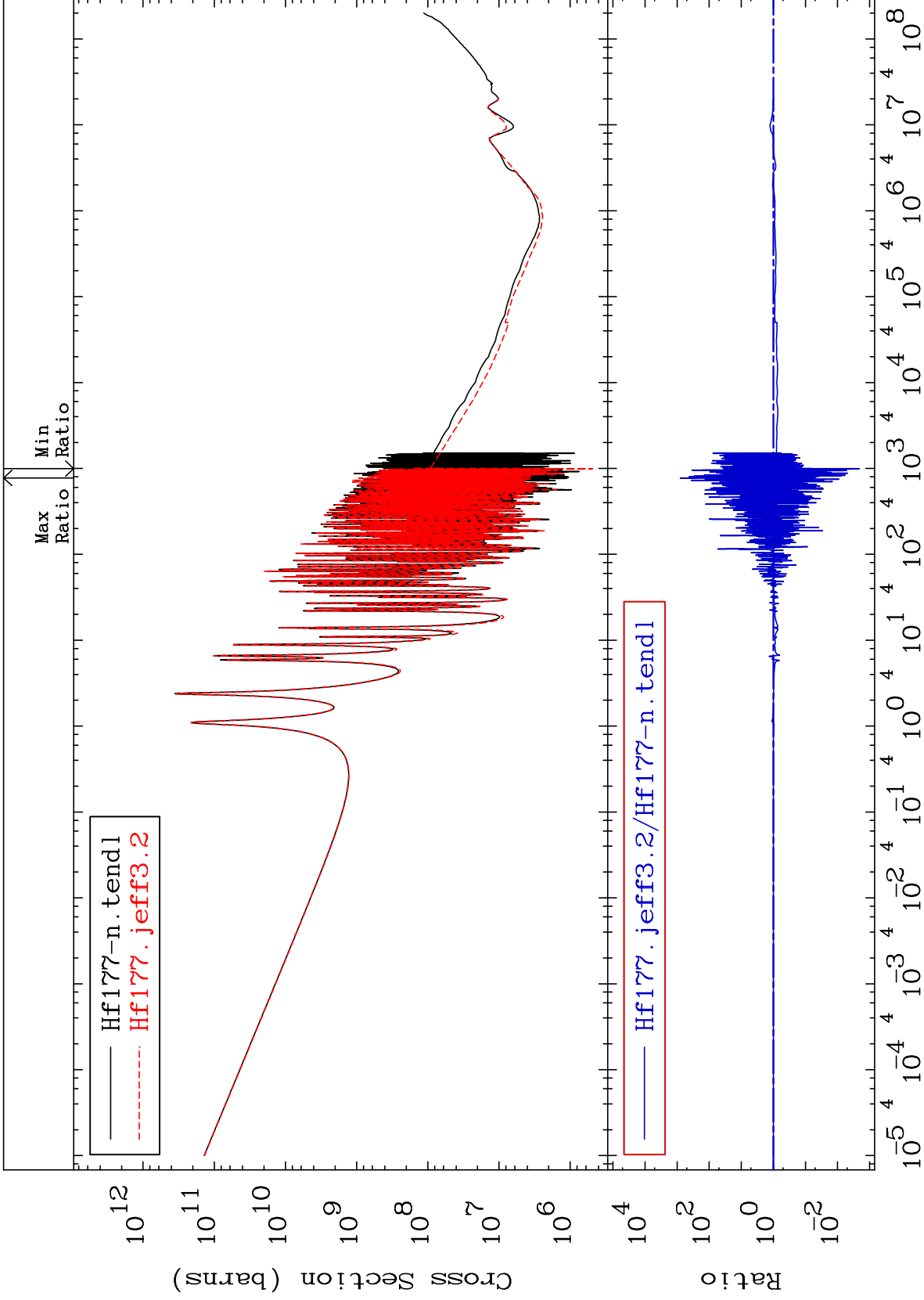
MAT 7234

Kerma total (eV-barns)

72-Hf-177

Cross Section

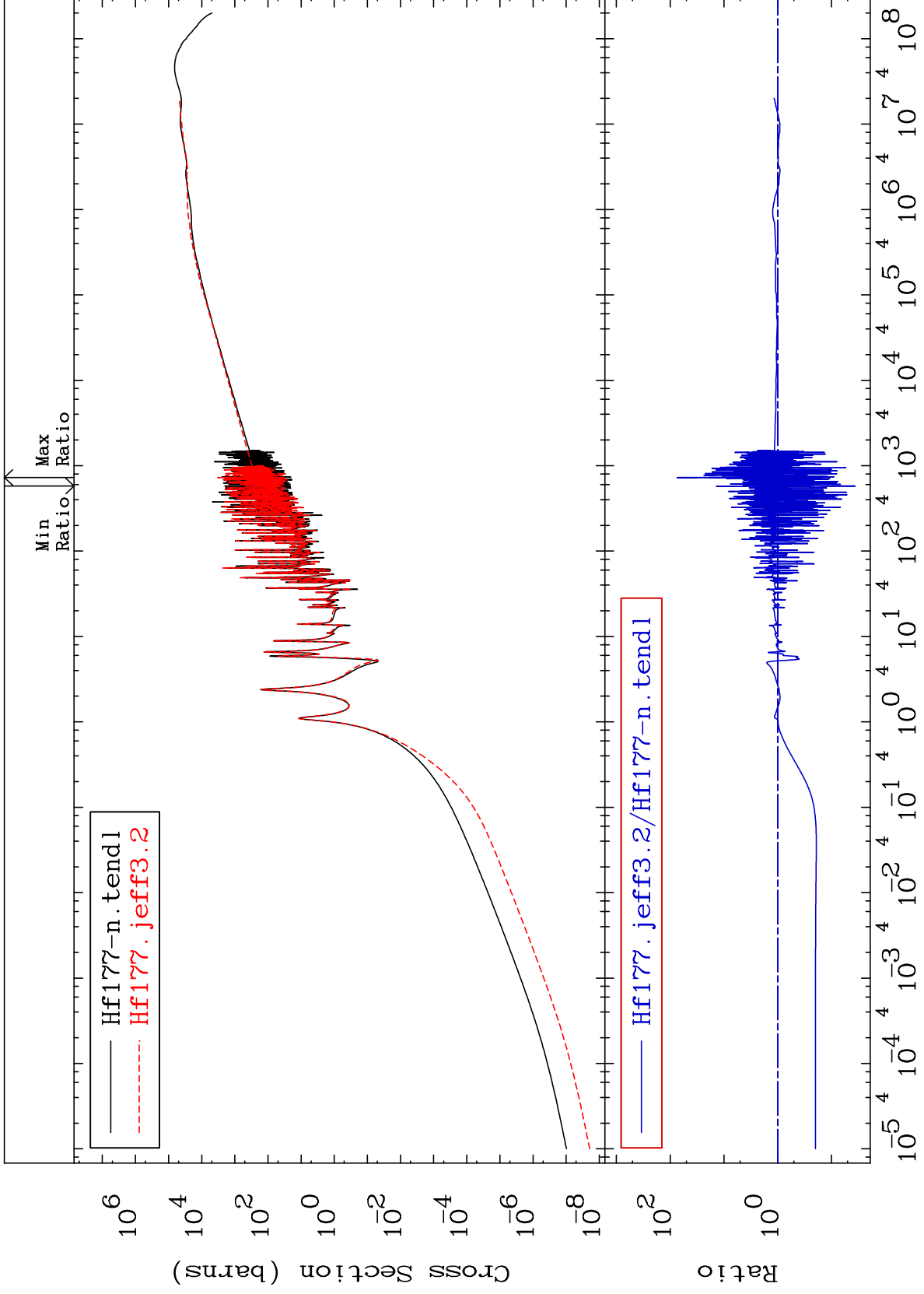
-99.79 To 9999. %



MAT 7234

Kerma elastic
Cross Section

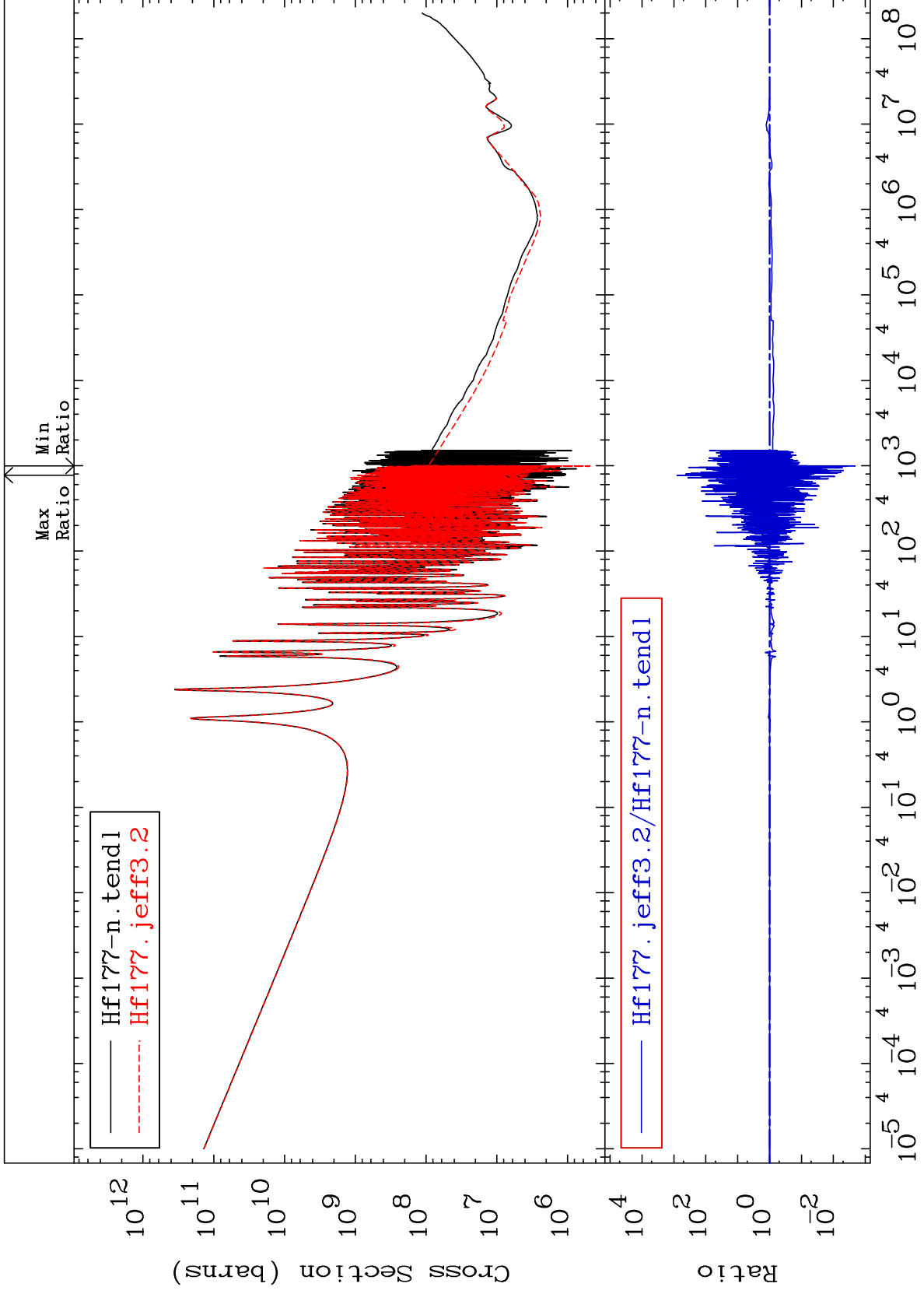
72-Hf-177
-96.35 To 7379. %

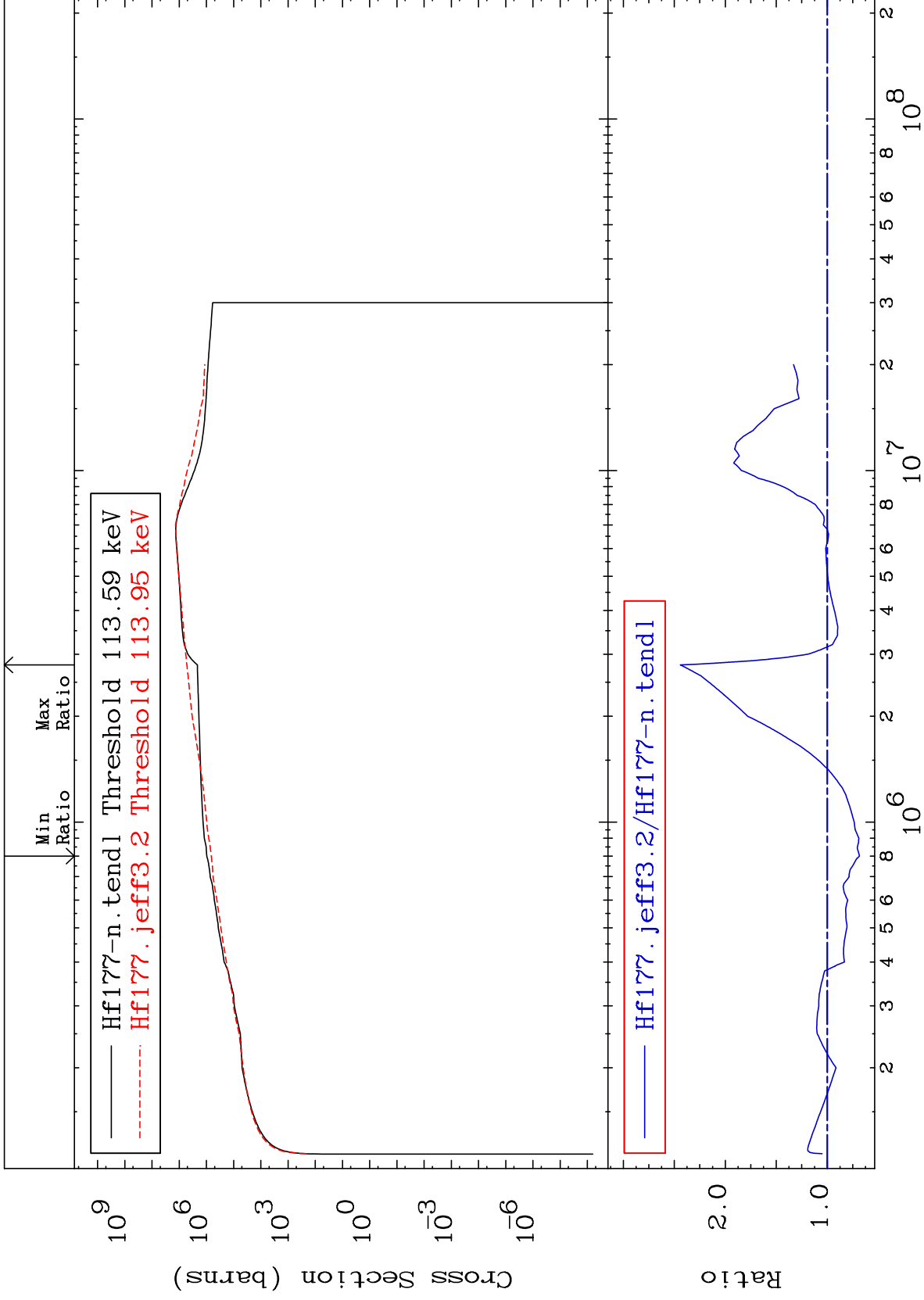


MAT 7234

Kerma non-elastic (all but mt2)
Cross Section

72-Hf-177
-99.79 To 9999. %

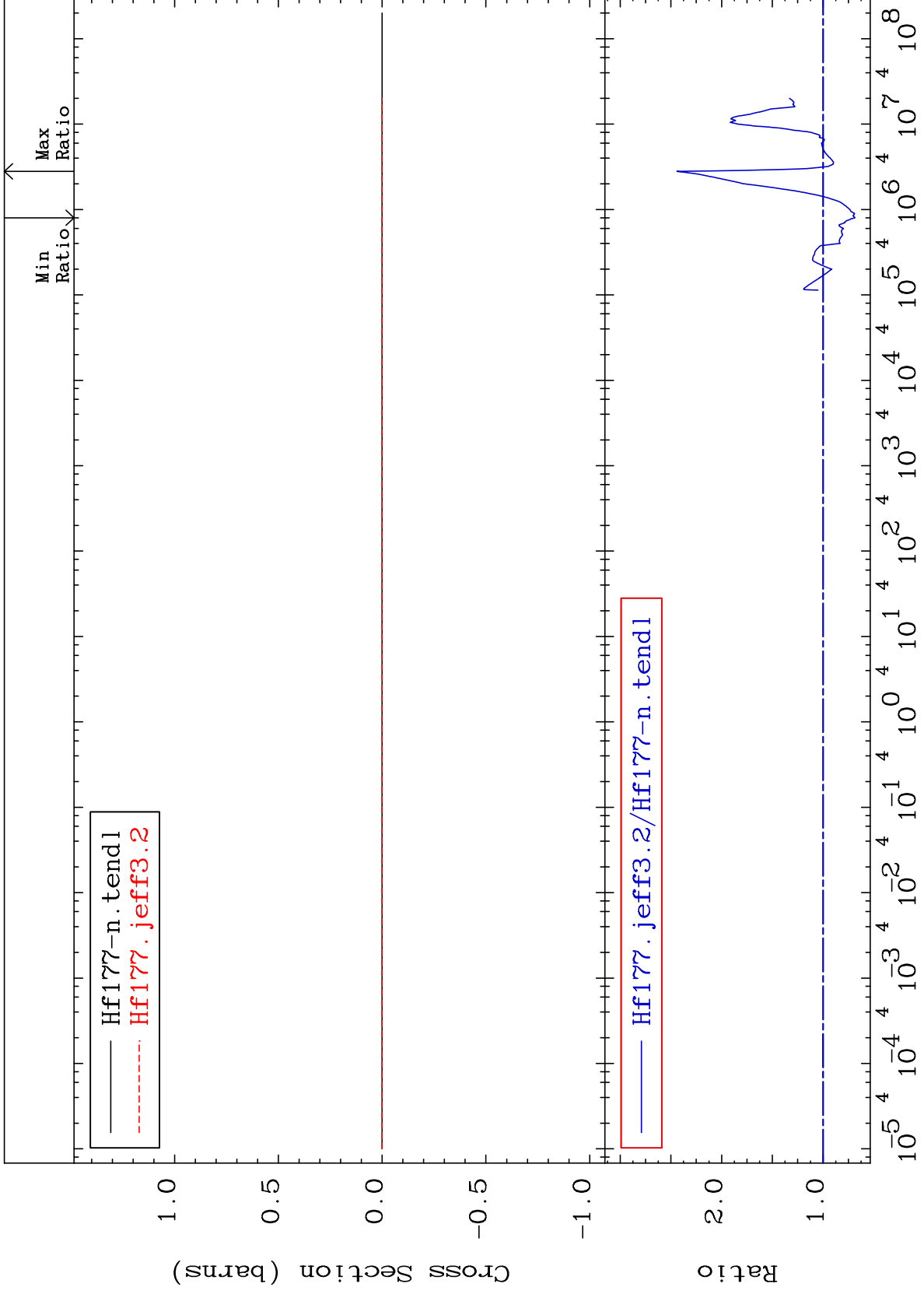




MAT 7234

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

72-Hf-177
-31.56 To 144.1 %



Incident Energy (eV)

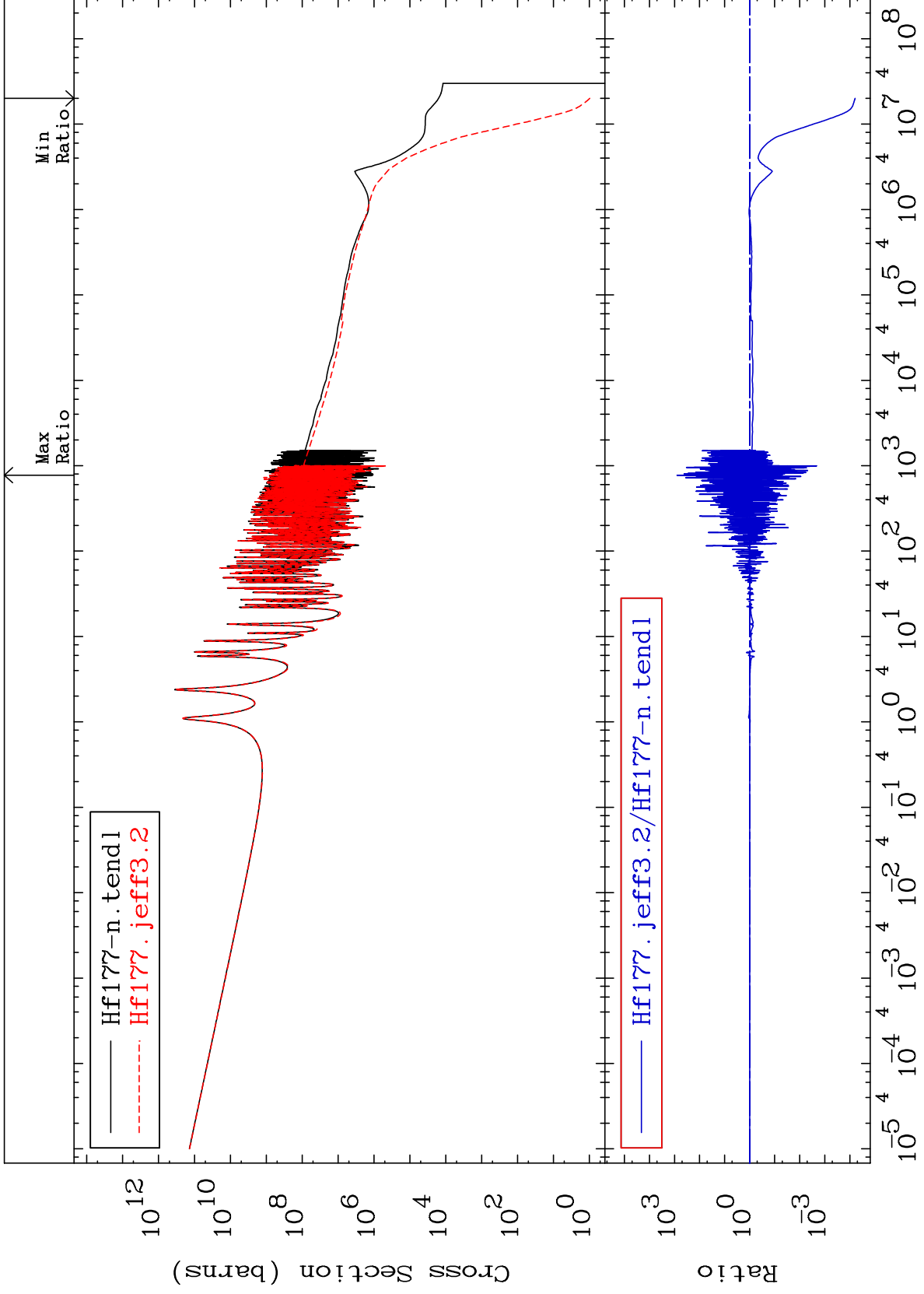
72-Hf-177

32

MAT 7234

Kerma capture (mt102)
Cross Section

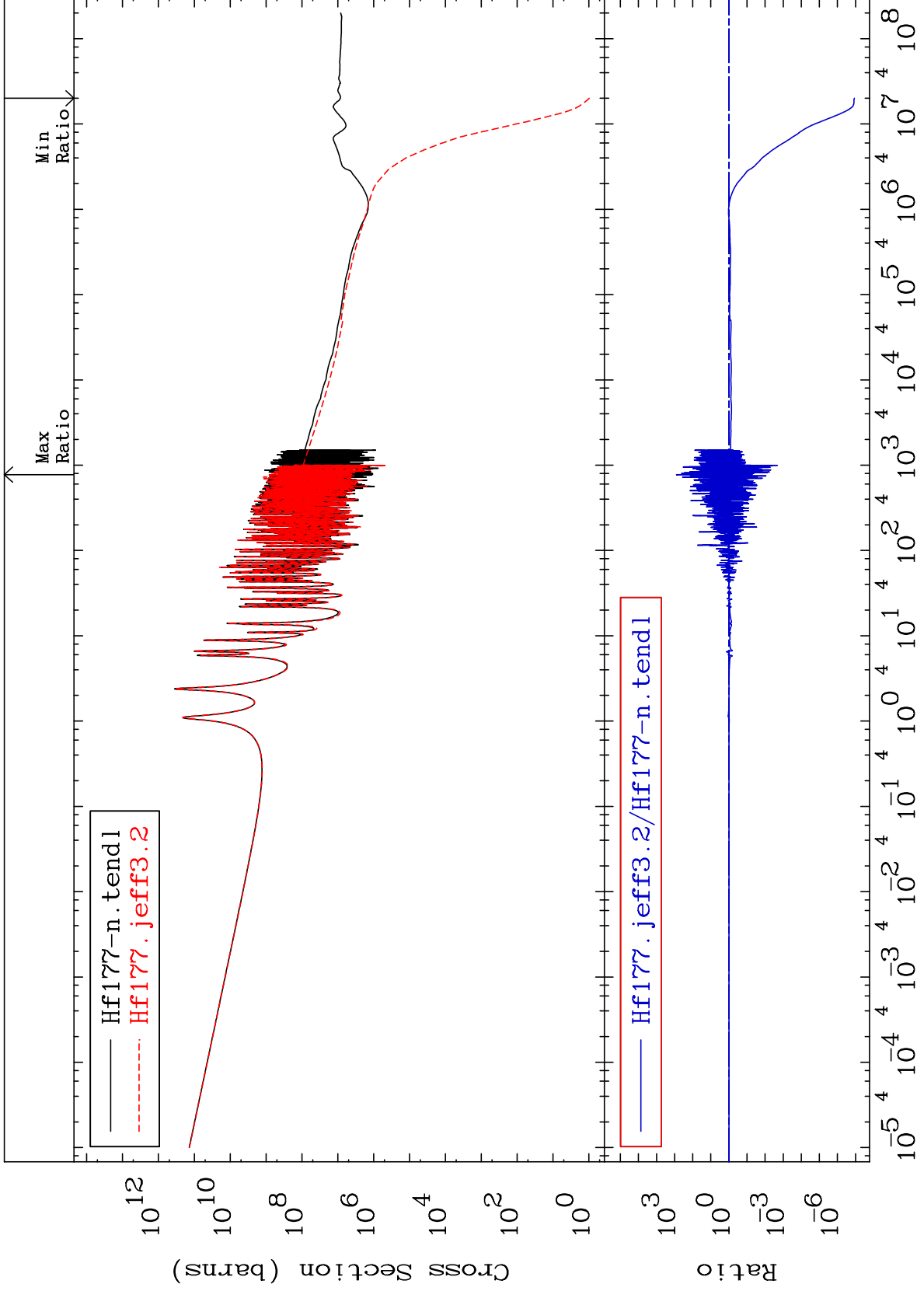
72-Hf-177
-99.99 To 9999. %

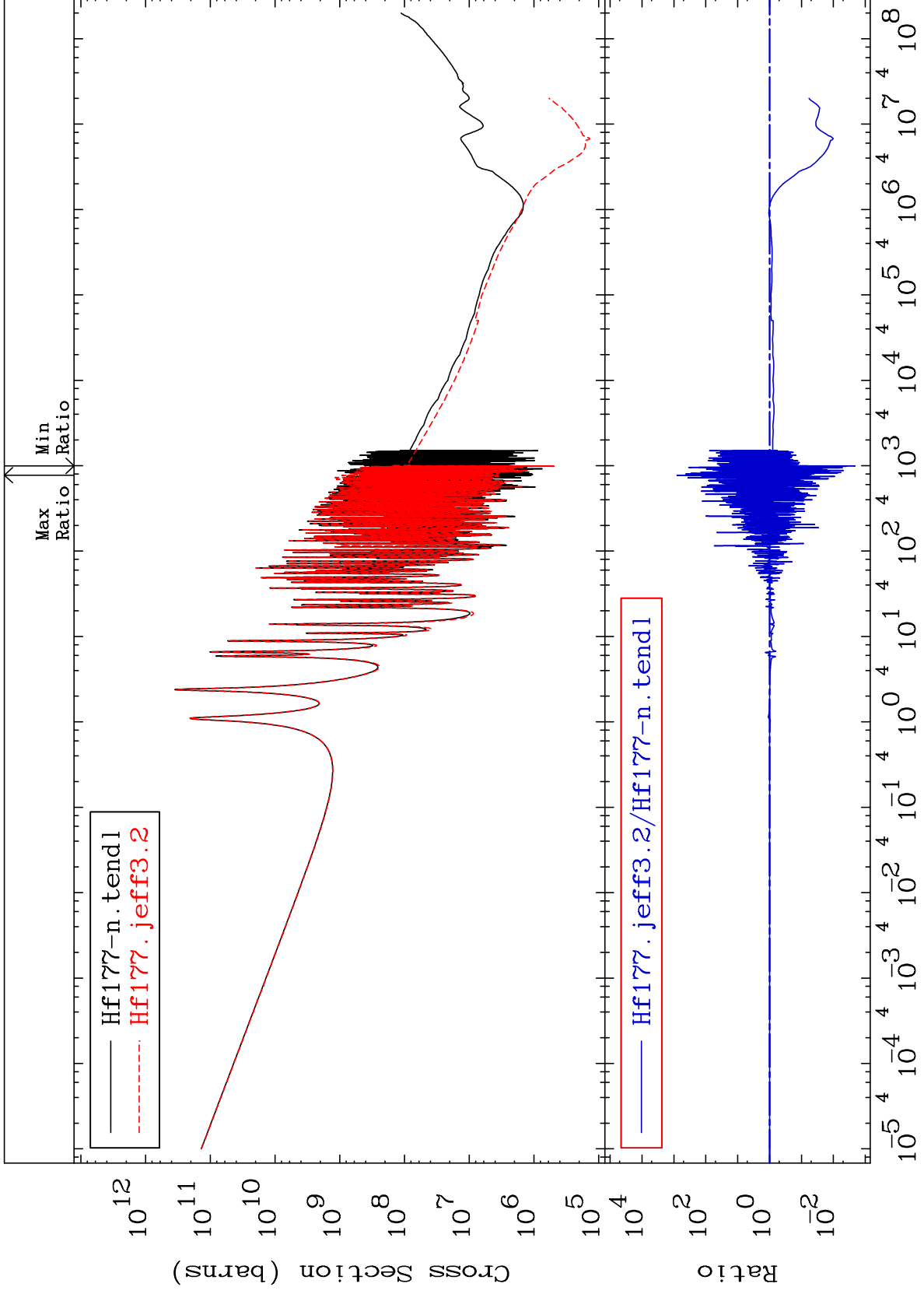


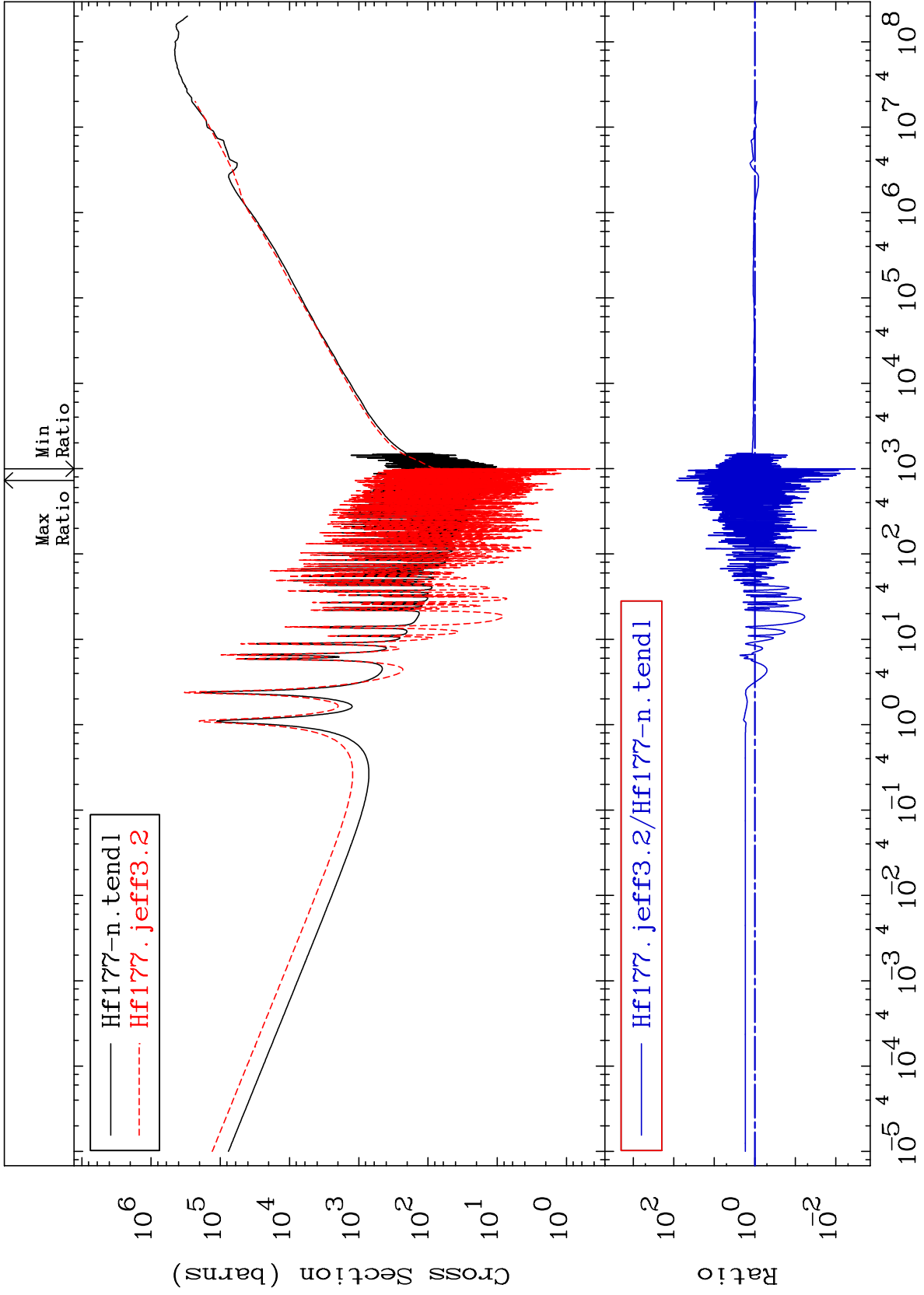
MAT 7234

Total photon (eV-barns)
Cross Section

72-Hf-177
-100.0 To 9999. %



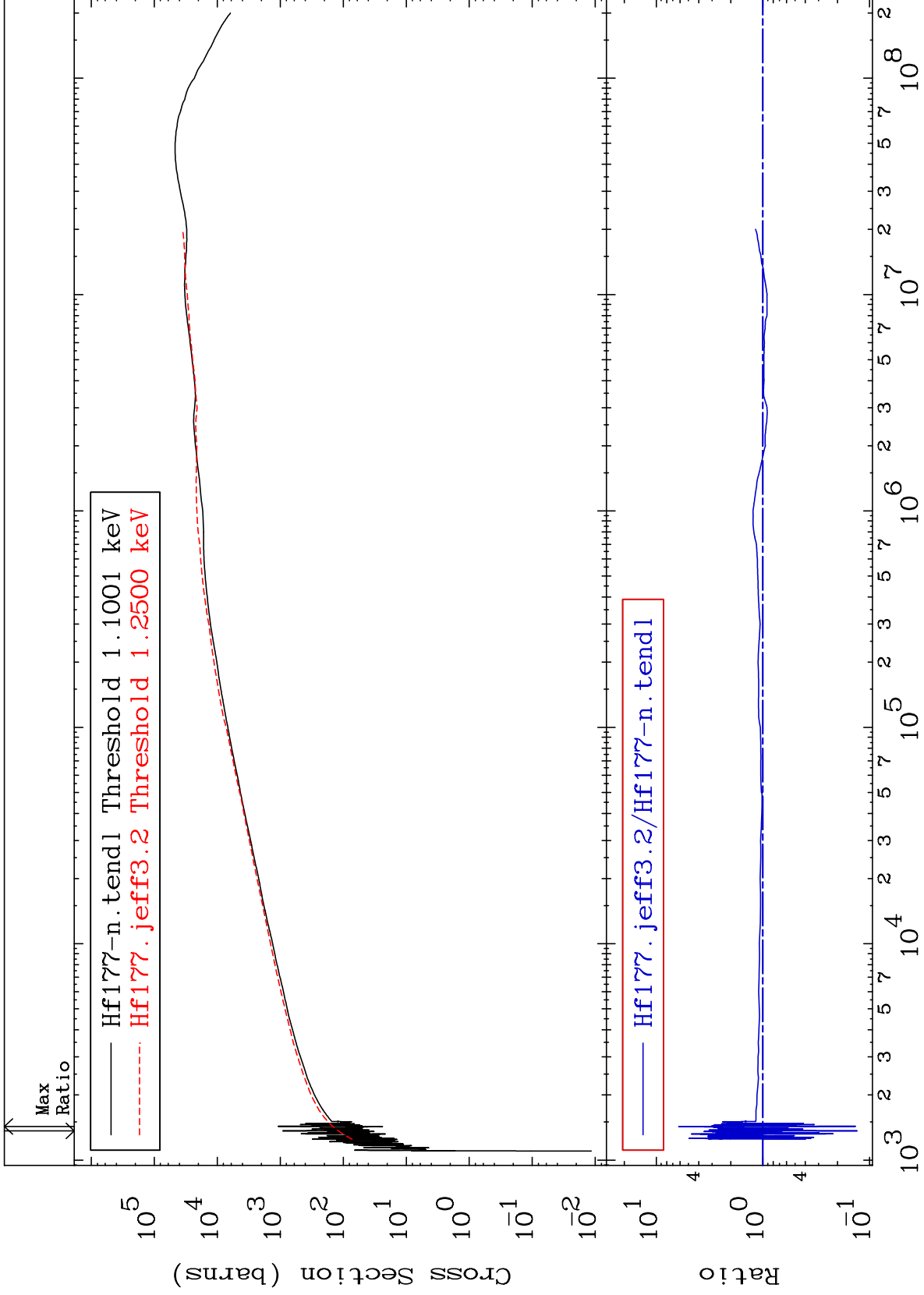




MAT 7234

Dpa elastic (mt2)
Cross Section

72-Hf-177
-86.98 To 517.6 %



37

Incident Energy (eV)

72-Hf-177

MAT 7234

Dpa inelastic (mt51-91)
Cross Section

72-Hf-177
-34.32 To 256.2 %

