

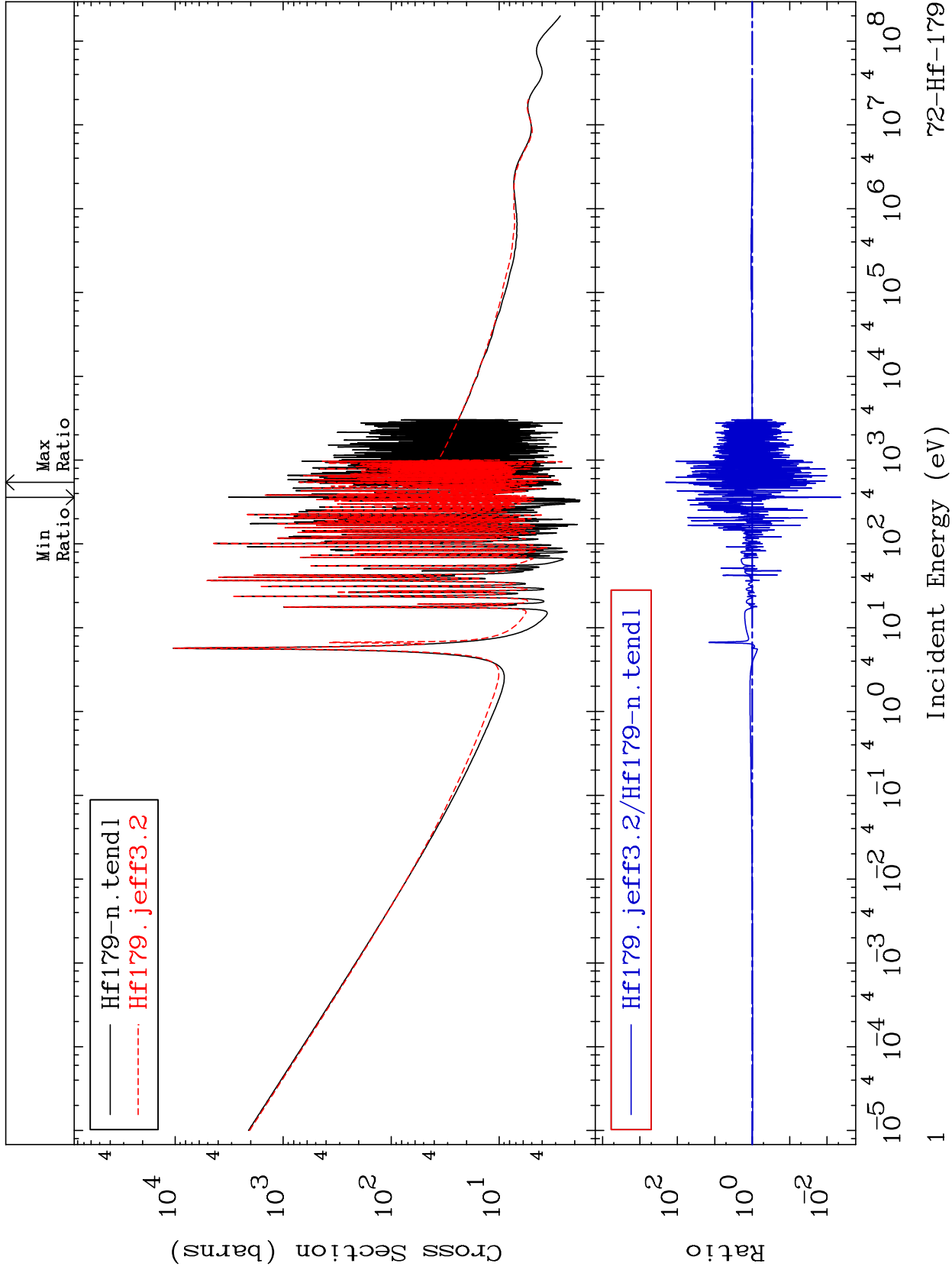
MAT 7240

Total

72-Hf-179

Cross Section

-99.57 To 9999. %



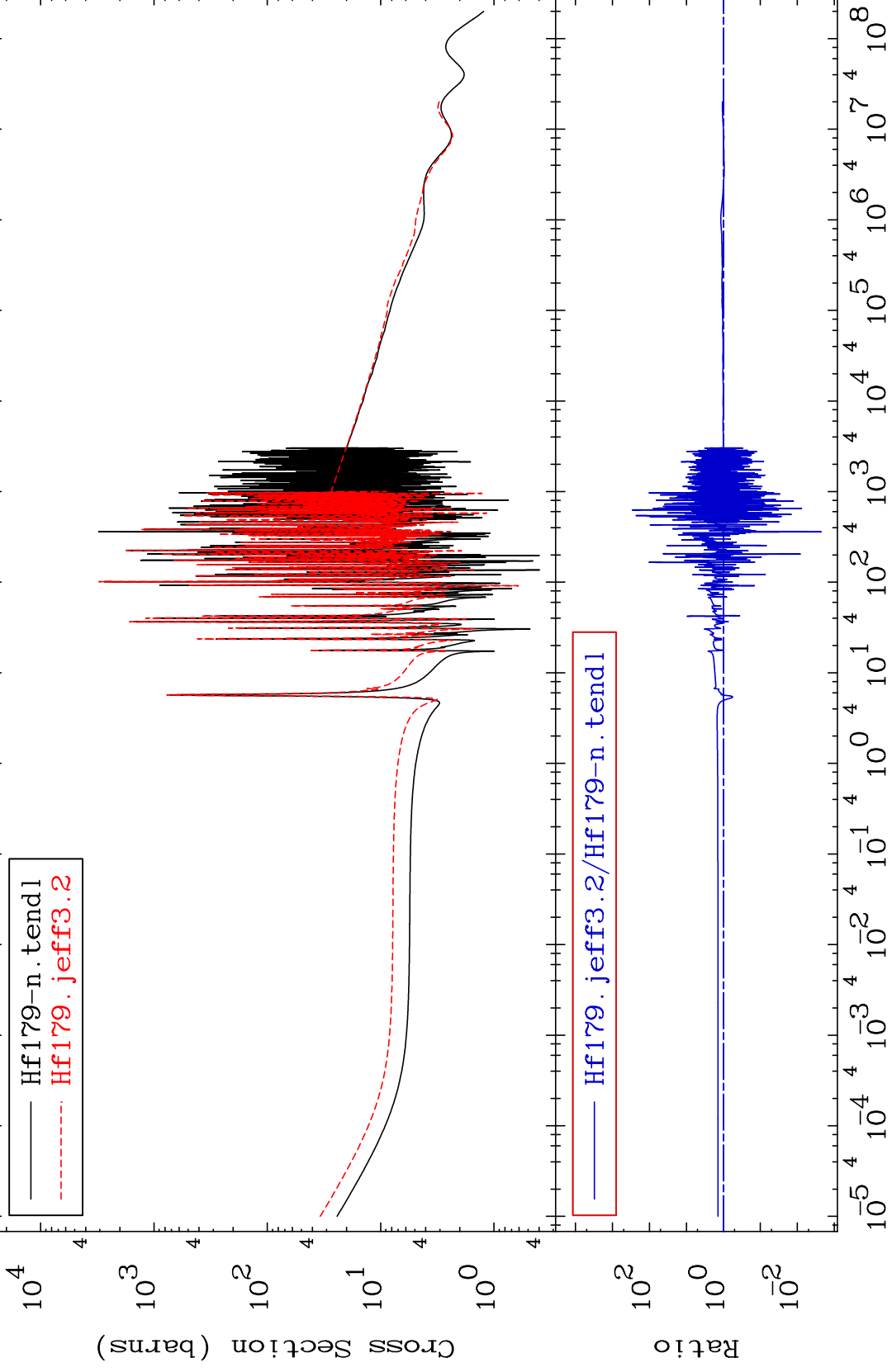
Incident Energy (eV)

72-Hf-179

MAT 7240

Elastic
Cross Section

72-Hf-179
-99.78 To 9999. %

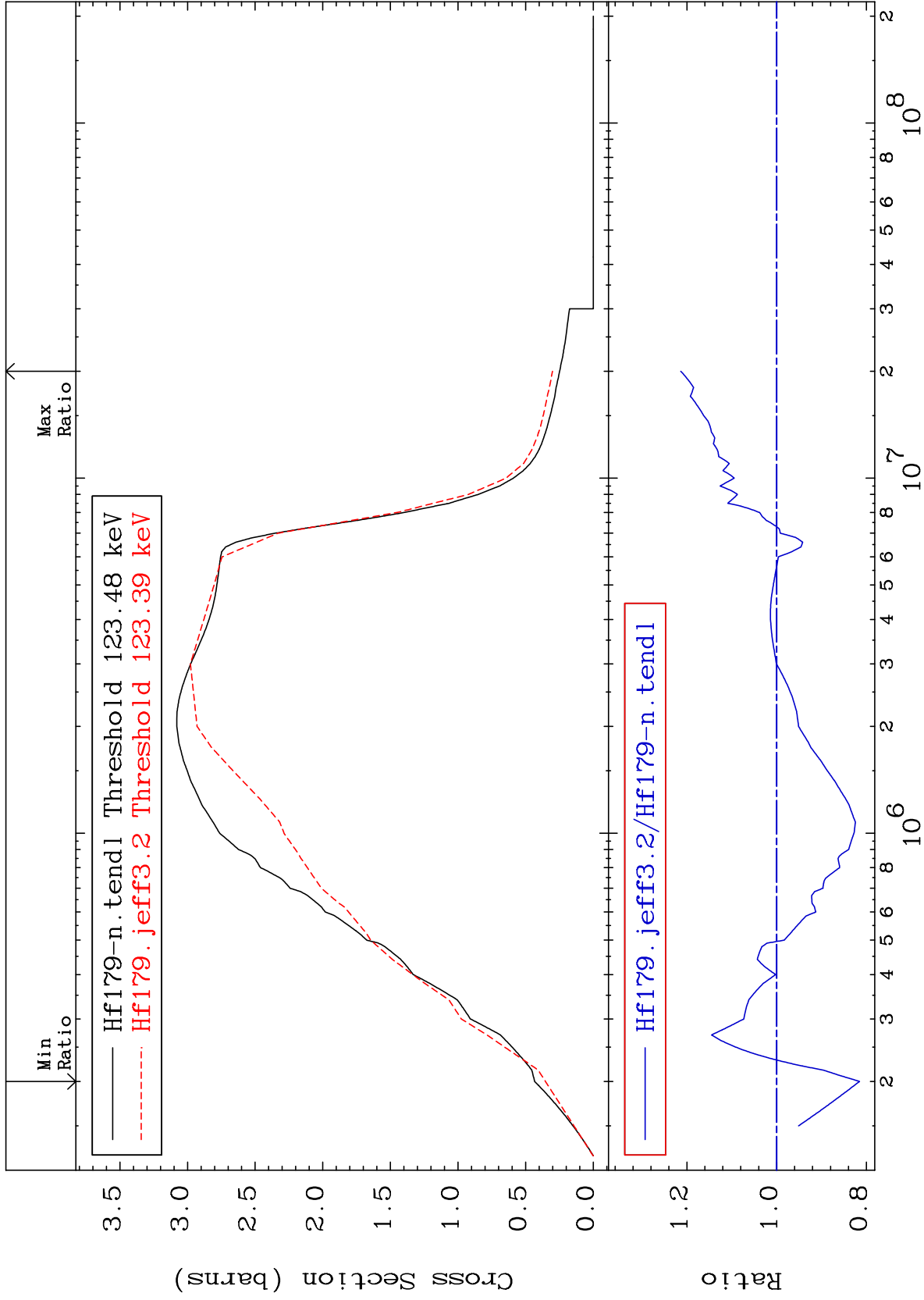


2

Incident Energy (eV)

72-Hf-179

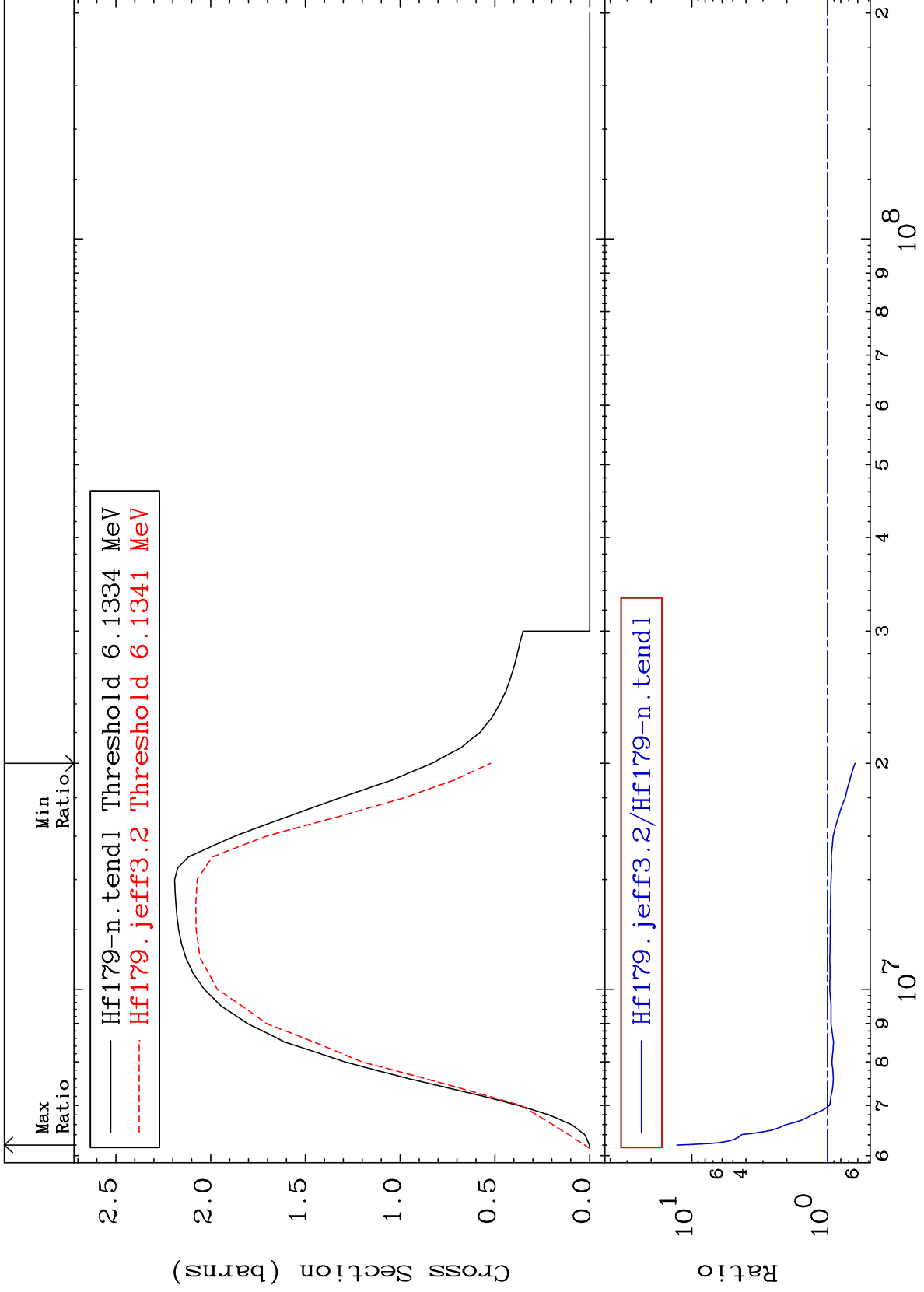
MAT 7240 Inelastic Cross Section 72-Hf-179 -18.46 To 21.36 %



MAT 7240

(n,2n)
Cross Section

72-Hf-179
-37.21 To 1190. %



4

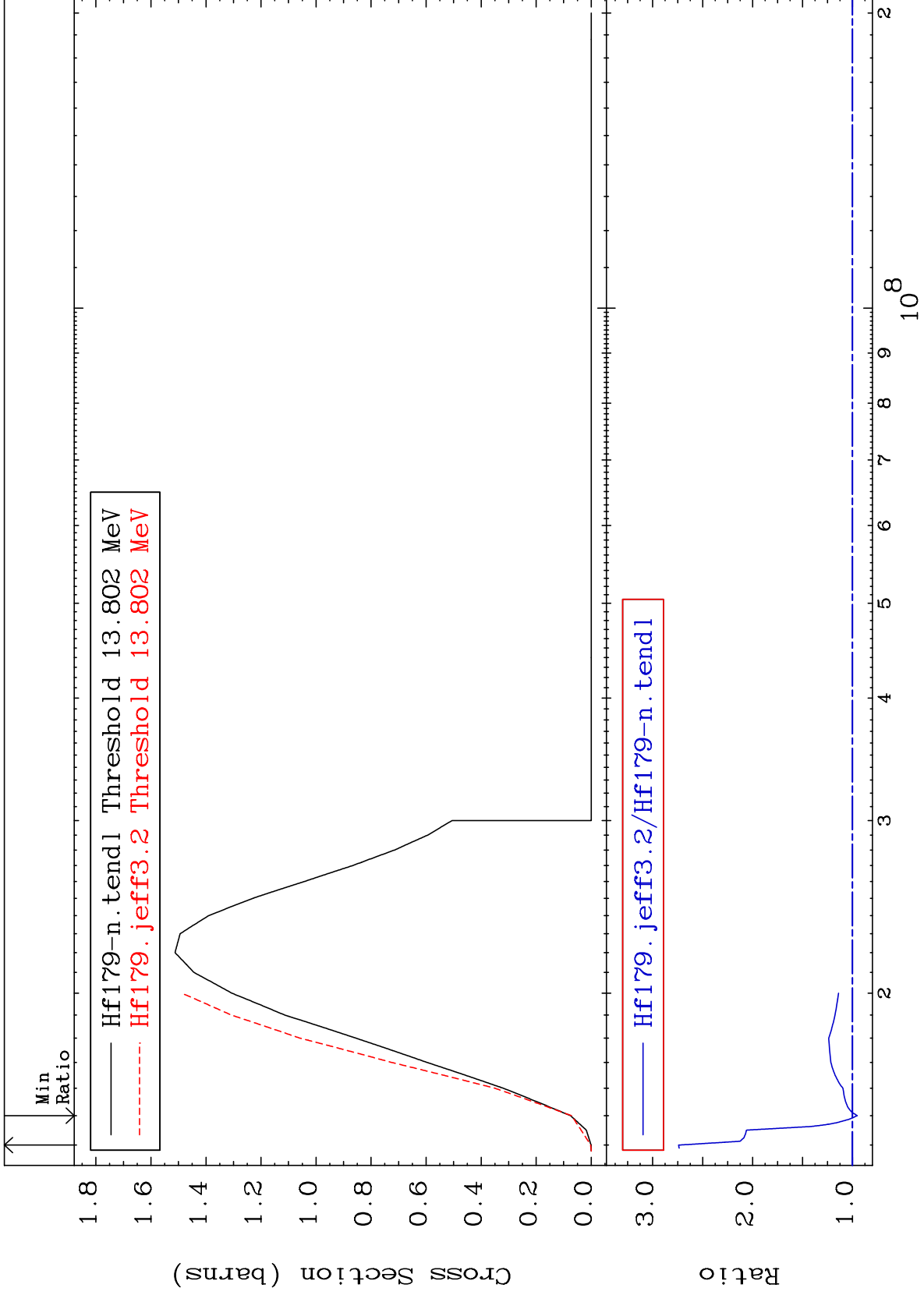
Incident Energy (eV)

72-Hf-179

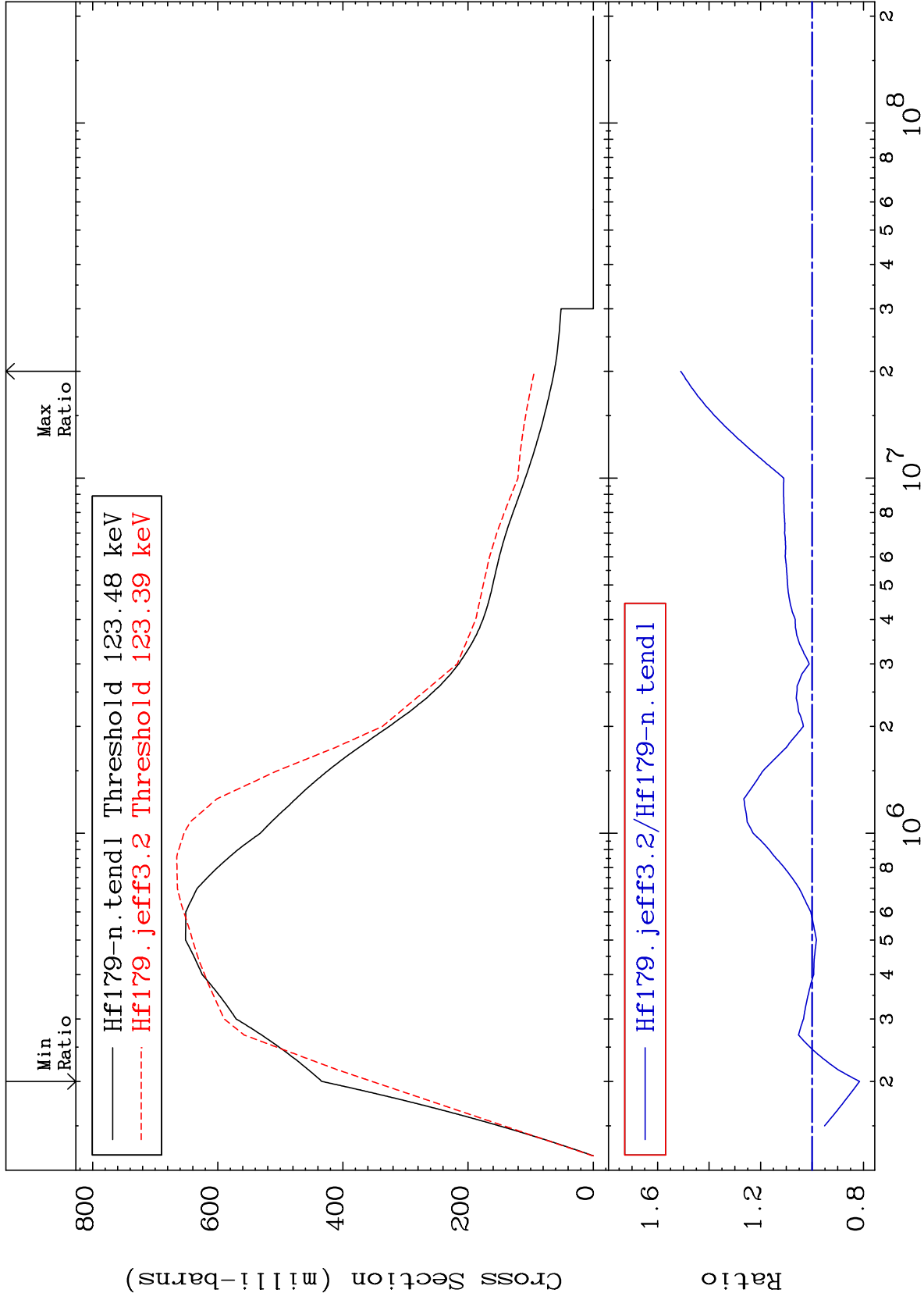
MAT 7240

(n,3n)
Cross Section

72-Hf-179
-4.820 To 174.0 %



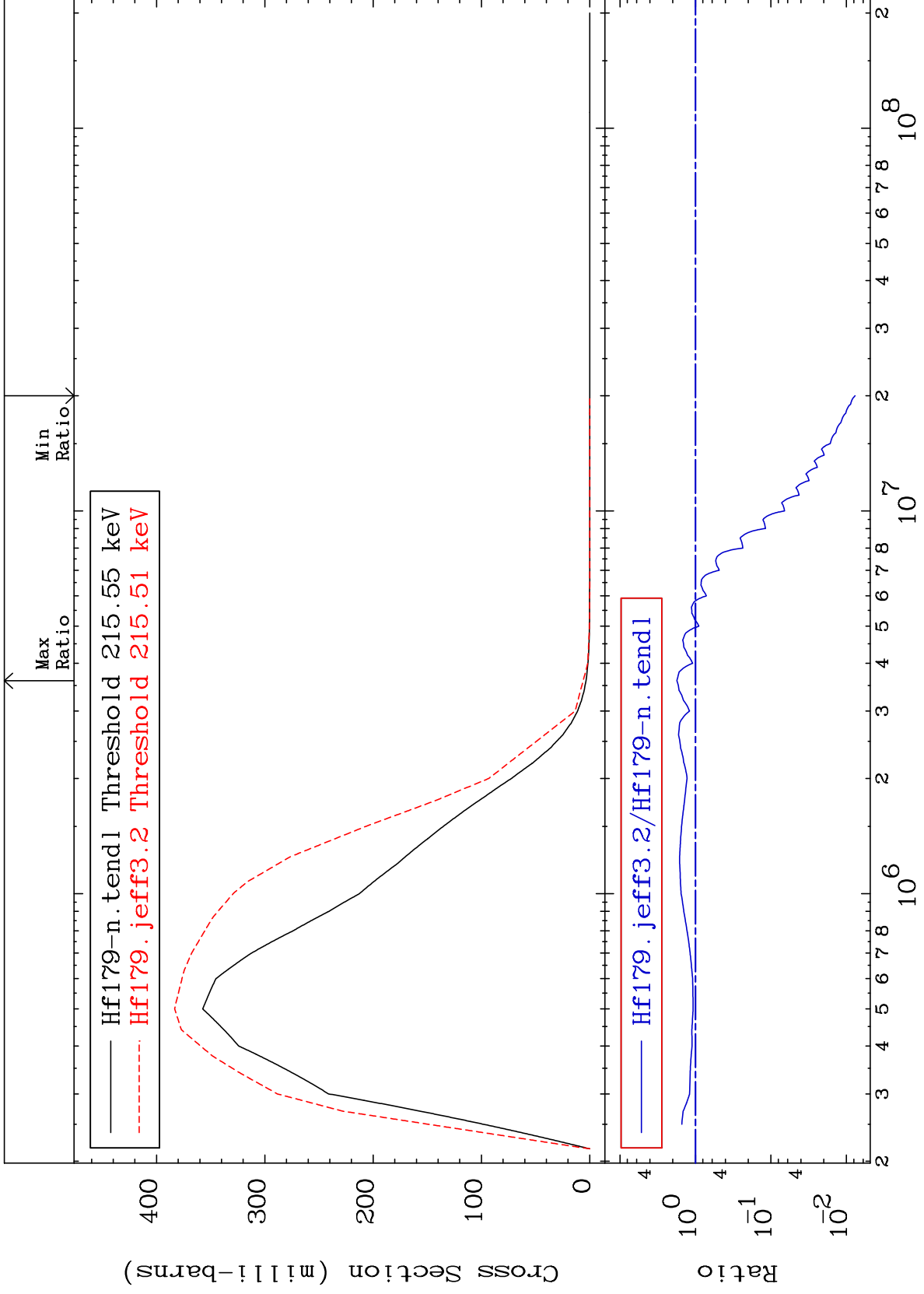
MAT 7240 122.8 keV (n,n') Level 72-Hf-179
Cross Section -18.46 To 51.01 %



MAT 7240

214.3 keV (n,n') Level
Cross Section

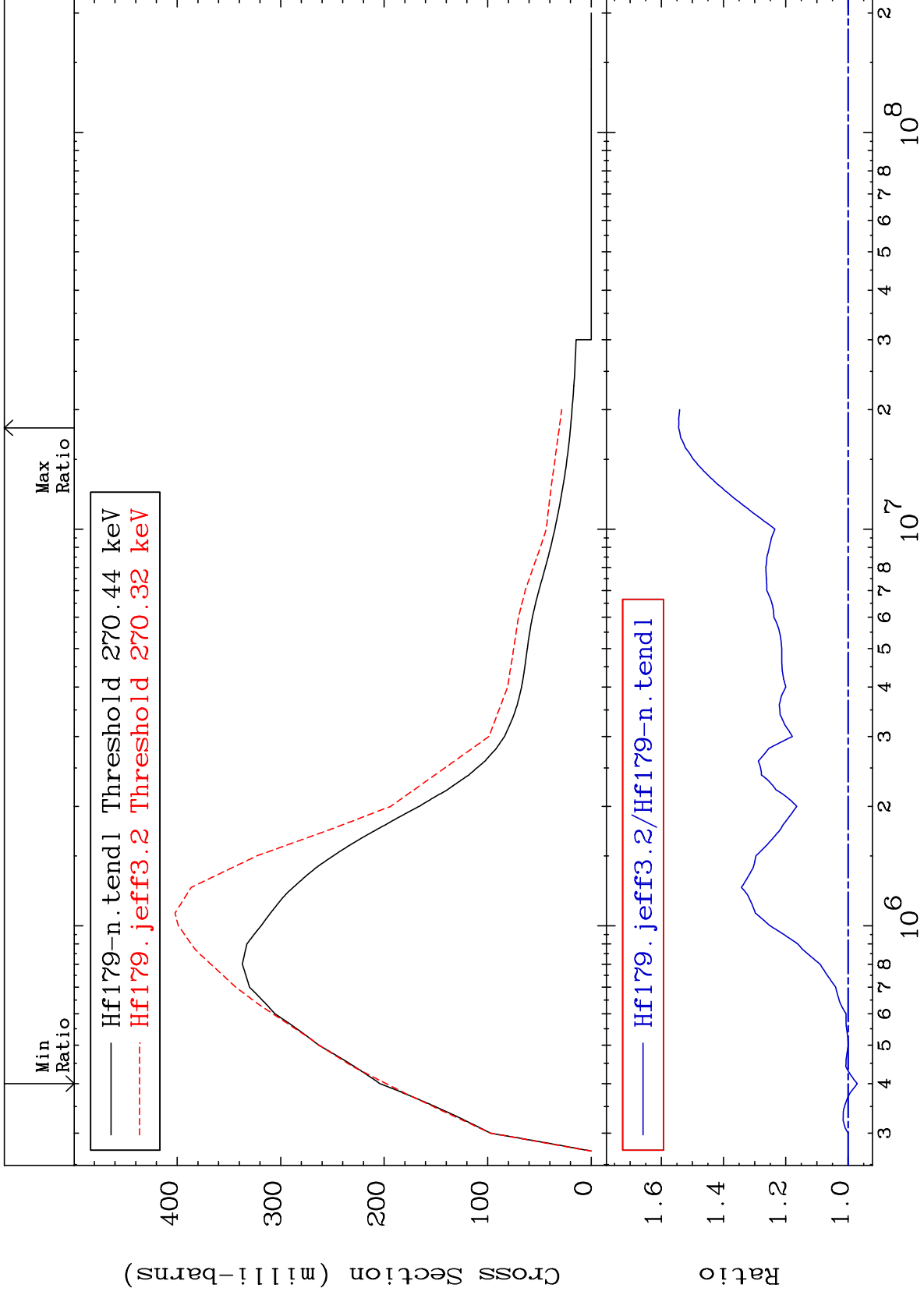
72-Hf-179
-99.23 To 76.00 %



MAT 7240

268.9 keV (n,n') Level
Cross Section

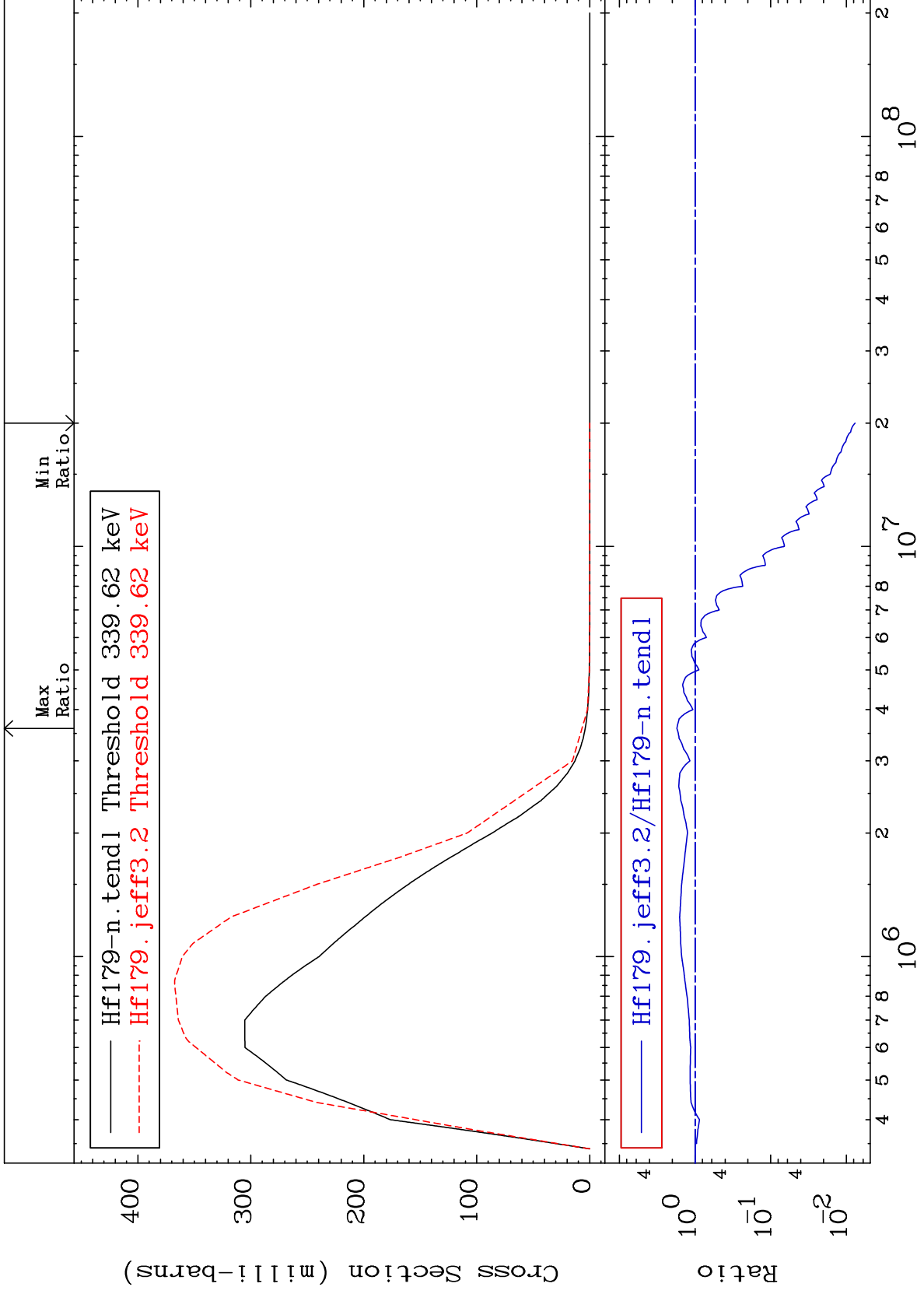
72-Hf-179
-2.960 To 54.42 %



MAT 7240

337.7 keV (n,n') Level
Cross Section

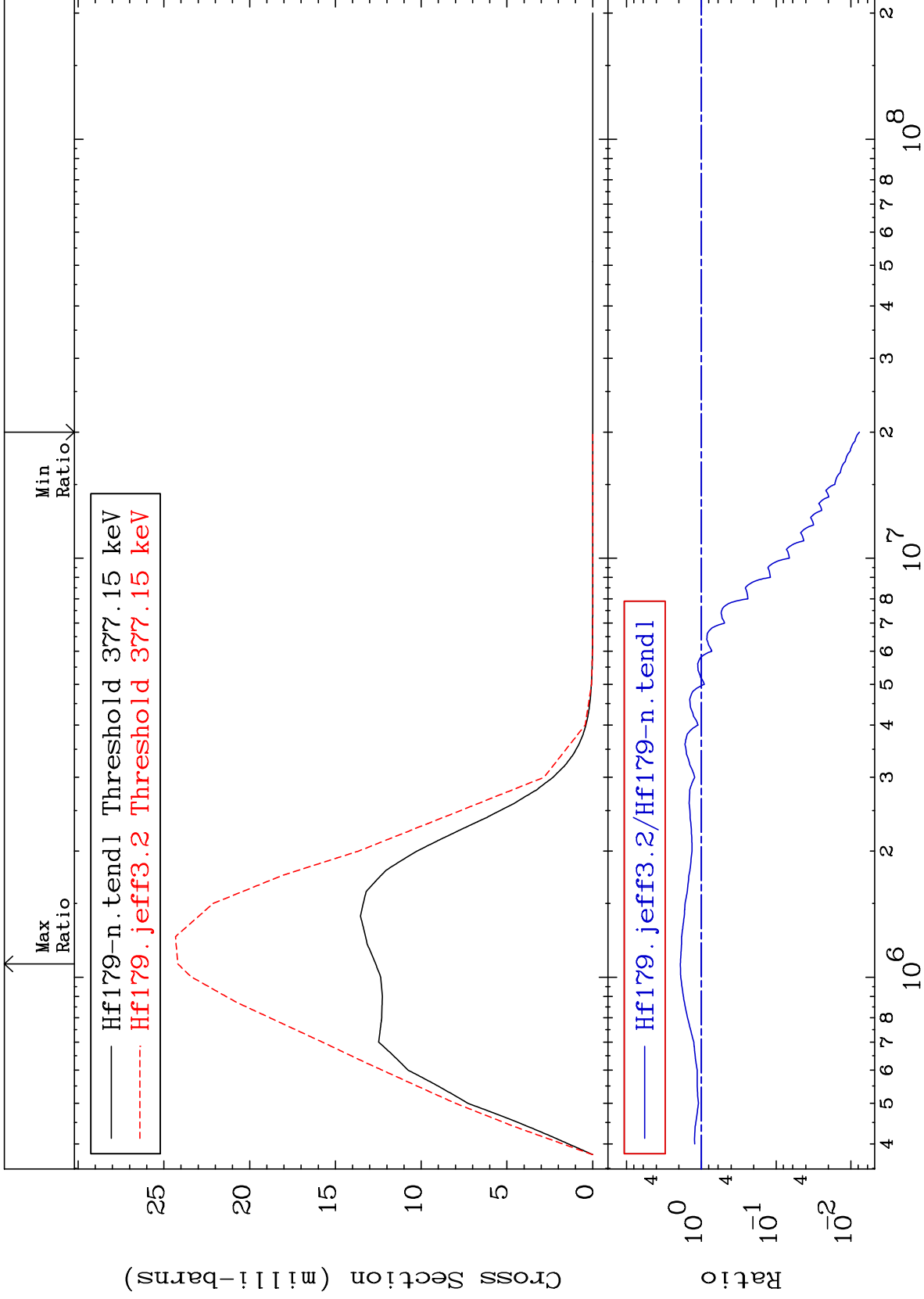
72-Hf-179
-99.23 To 73.60 %



MAT 7240

375.0 keV (n,n') Level
Cross Section

72-Hf-179
-99.23 To 91.10 %



10

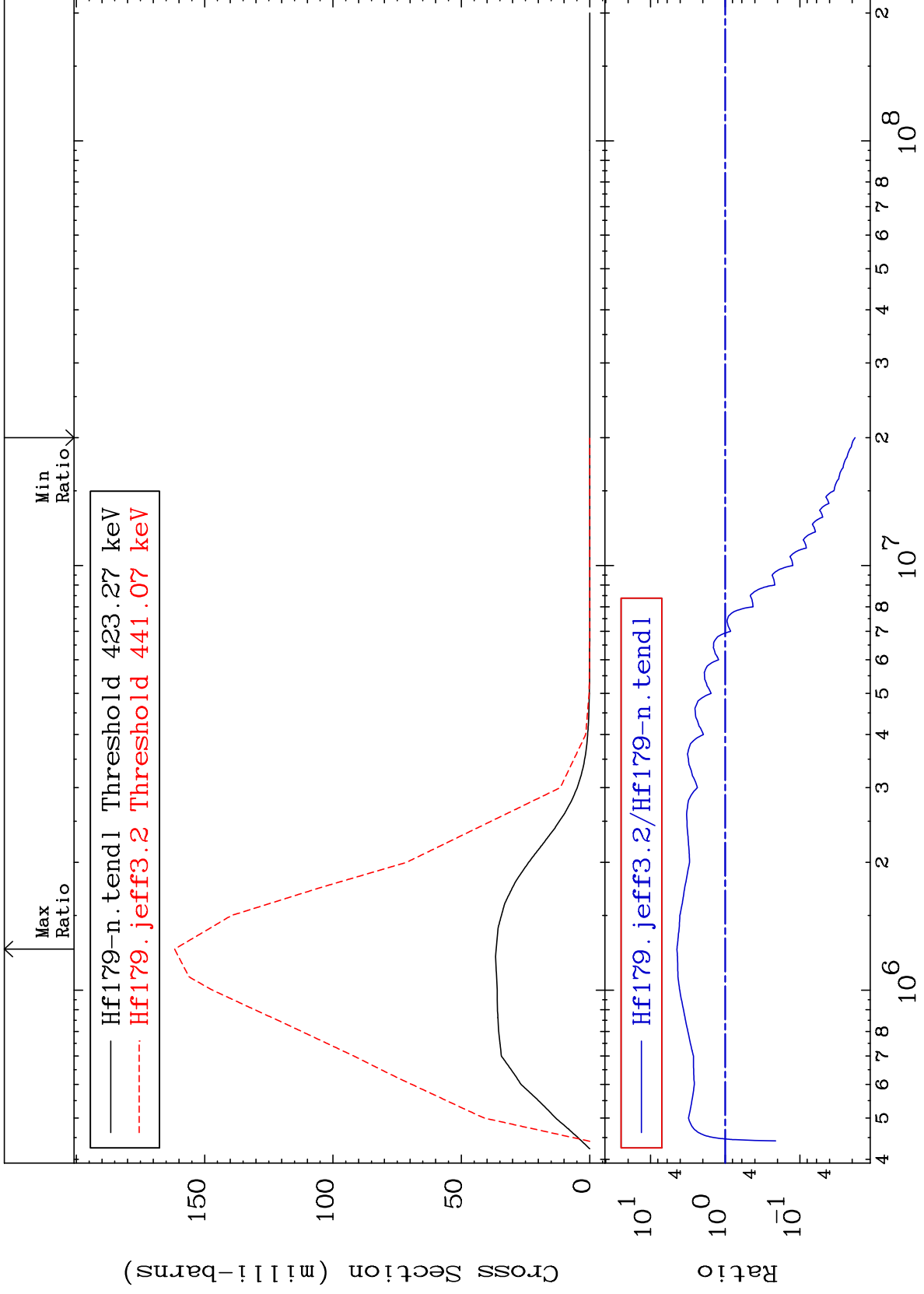
Incident Energy (eV)

72-Hf-179

MAT 7240

420.9 keV (n,n') Level
Cross Section

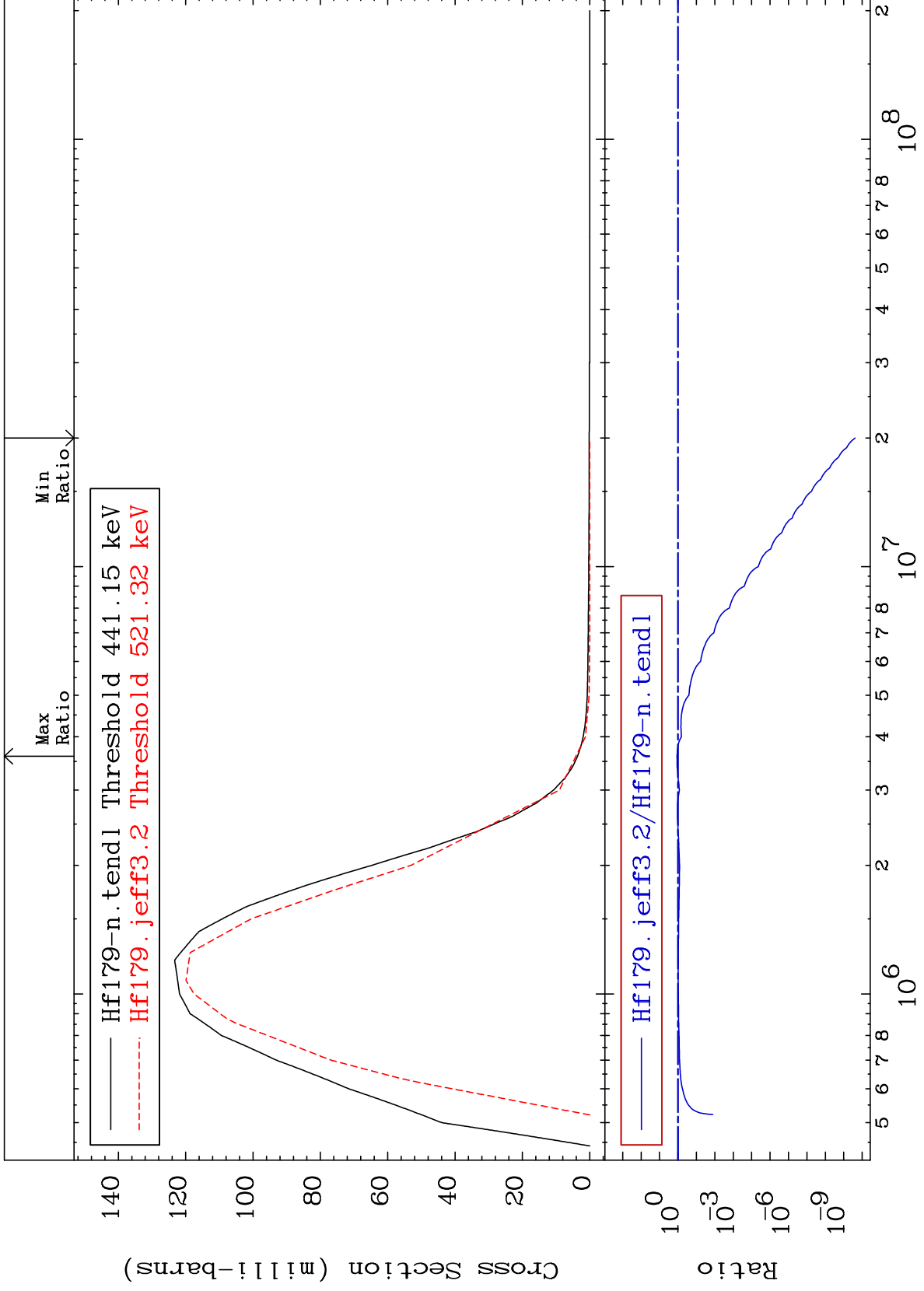
⁷²Hf-179
-98.17 To 343.8 %



MAT 7240

438.7 keV (n,n') Level
Cross Section

72-Hf-179
-100.0 To 13.87 %



12

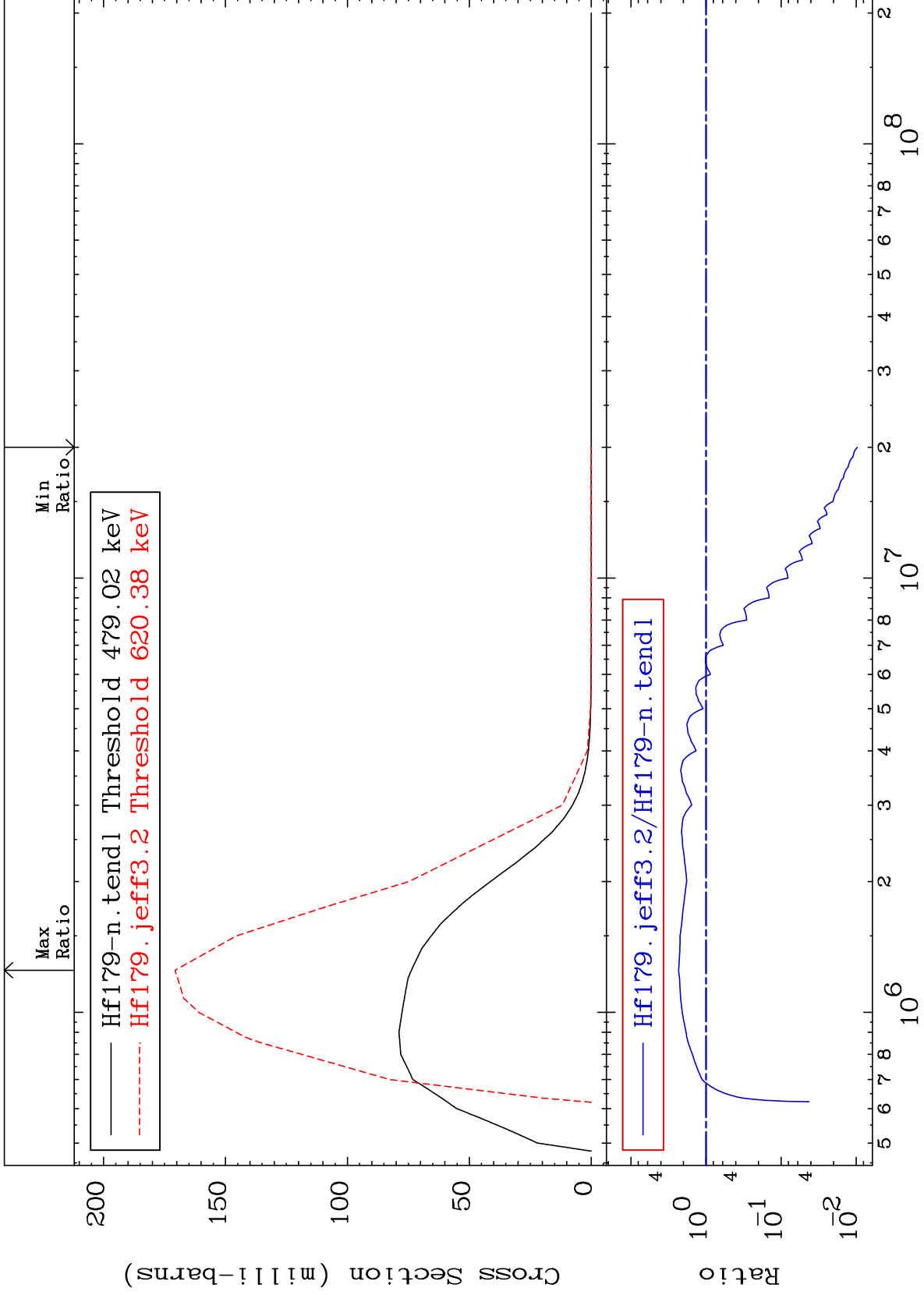
Incident Energy (eV)

72-Hf-179

MAT 7240

476.3 keV (n,n') Level
Cross Section

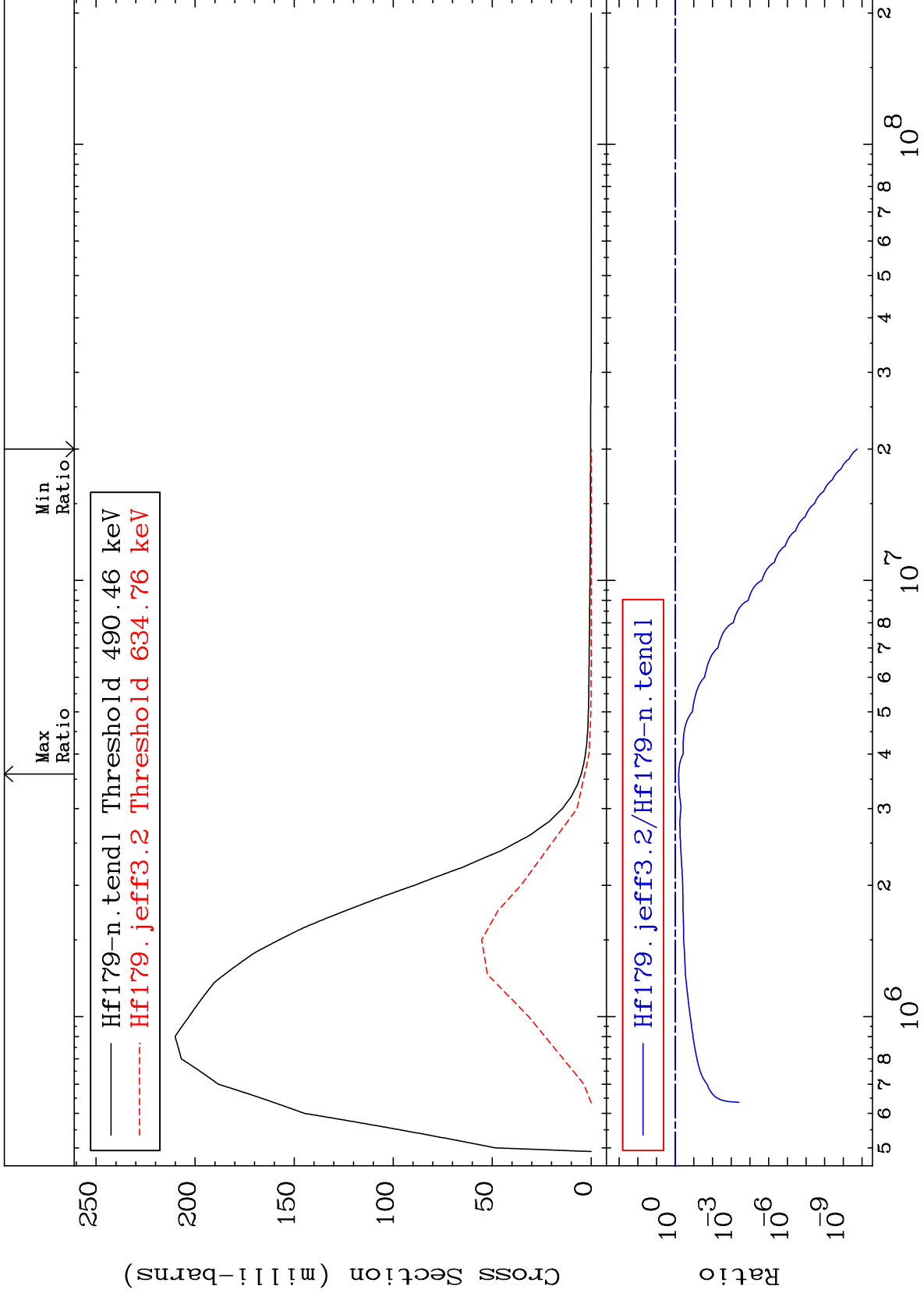
⁷²Hf-179
-99.03 To 131.6 %



MAT 7240

487.7 keV (n,n') Level
Cross Section

⁷²Hf-179
-100.0 To -34.65%



14

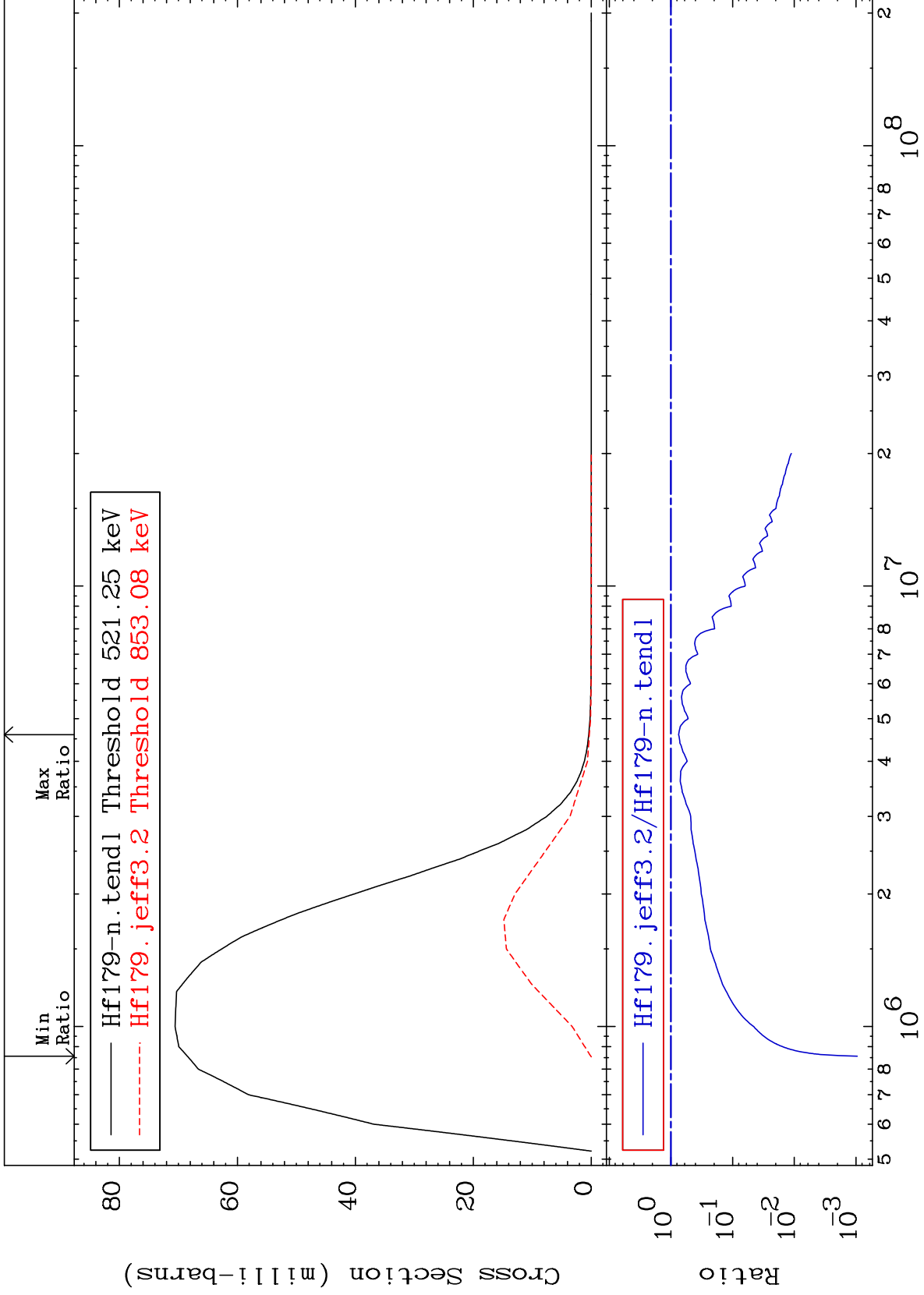
Incident Energy (eV)

⁷²Hf-179

MAT 7240

518.3 keV (n,n') Level
Cross Section

⁷²Hf-179
-99.90 To -24.97%



15

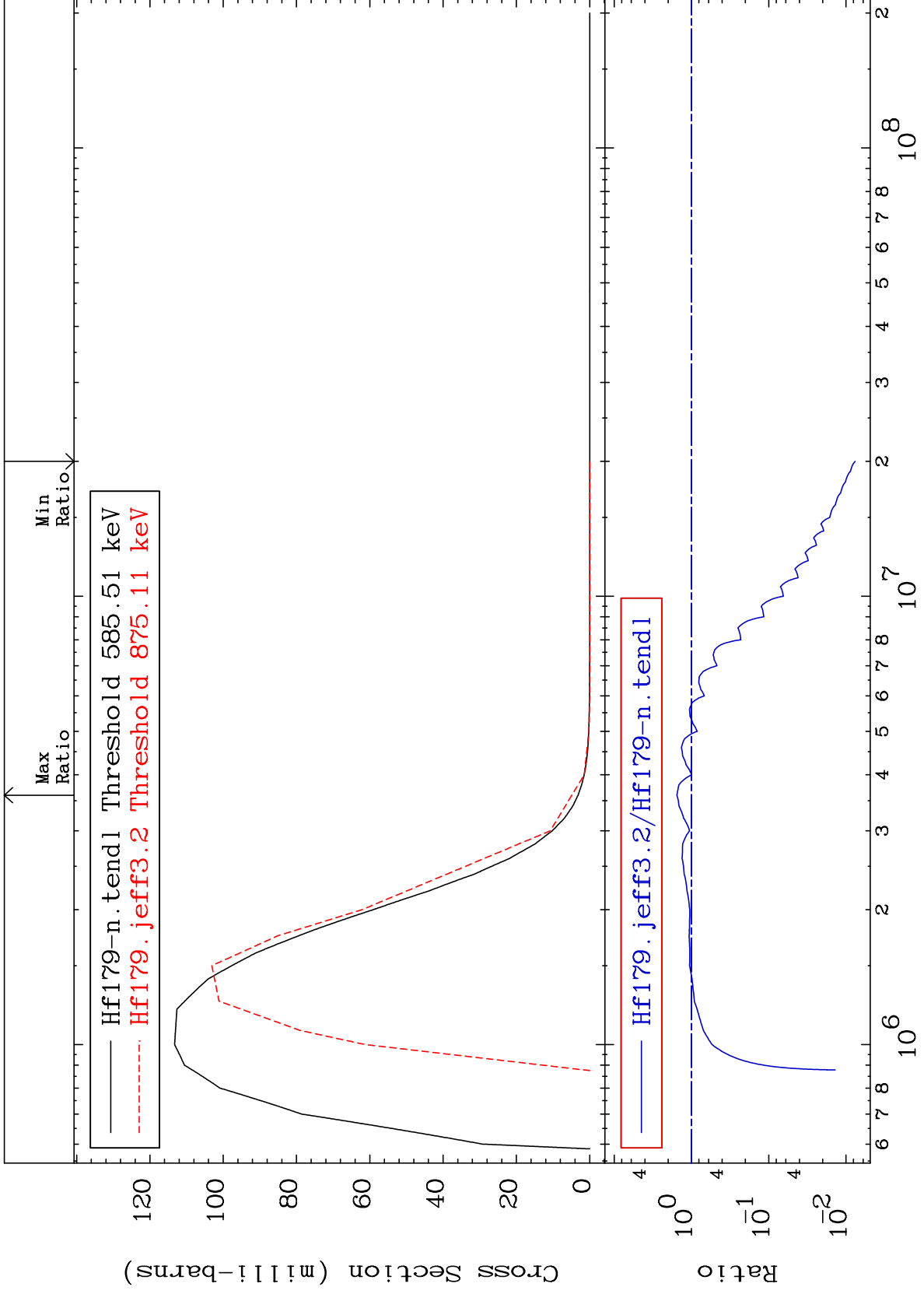
Incident Energy (eV)

⁷²Hf-179

MAT 7240

582.2 keV (n,n') Level
Cross Section

72-Hf-179
-99.24 To 53.96 %



16

72-Hf-179

72-Hf-179

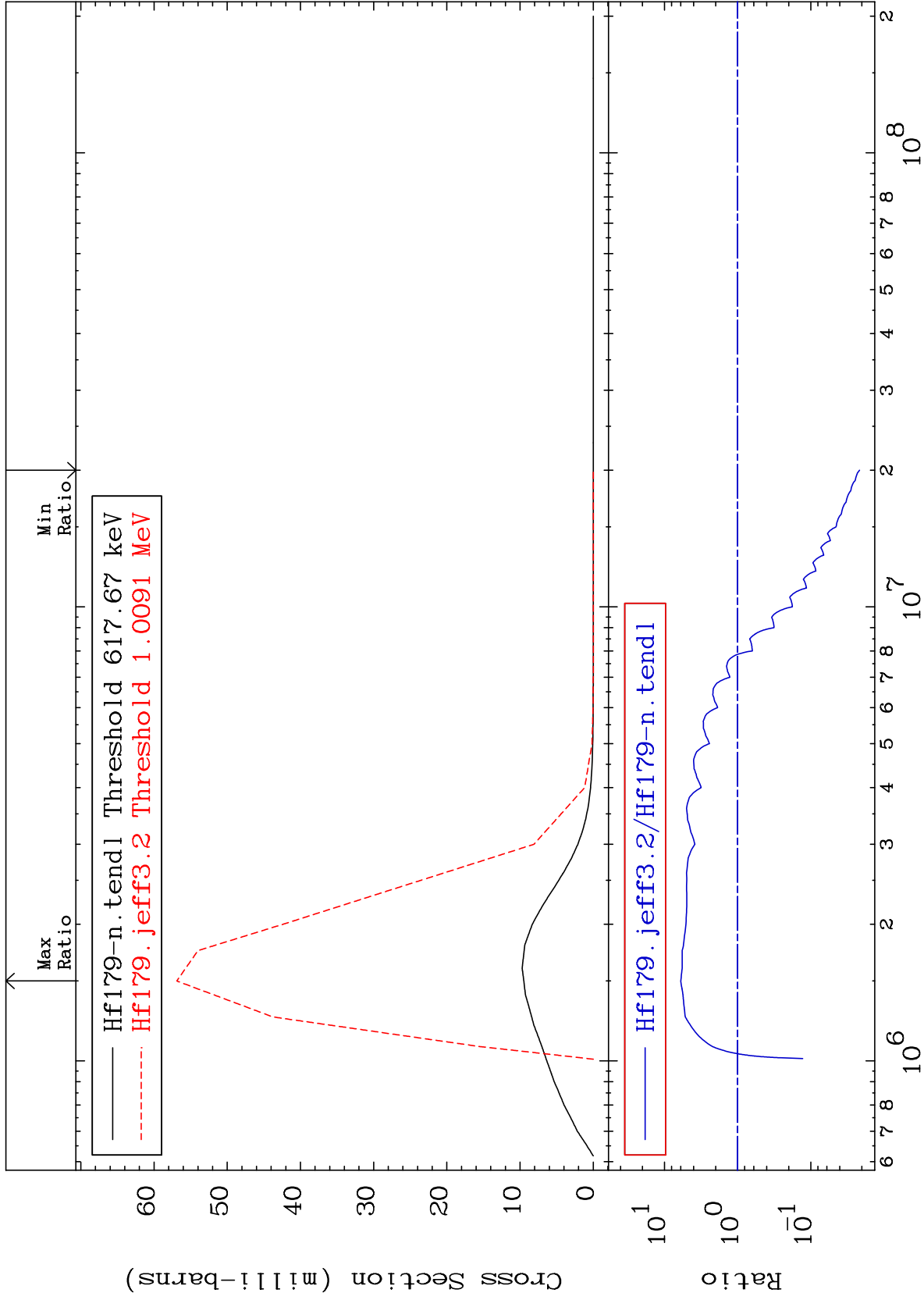
MAT 7240

614.2 keV (n,n') Level

⁷²Hf-179

-97.85 To 499.6 %

Cross Section



17

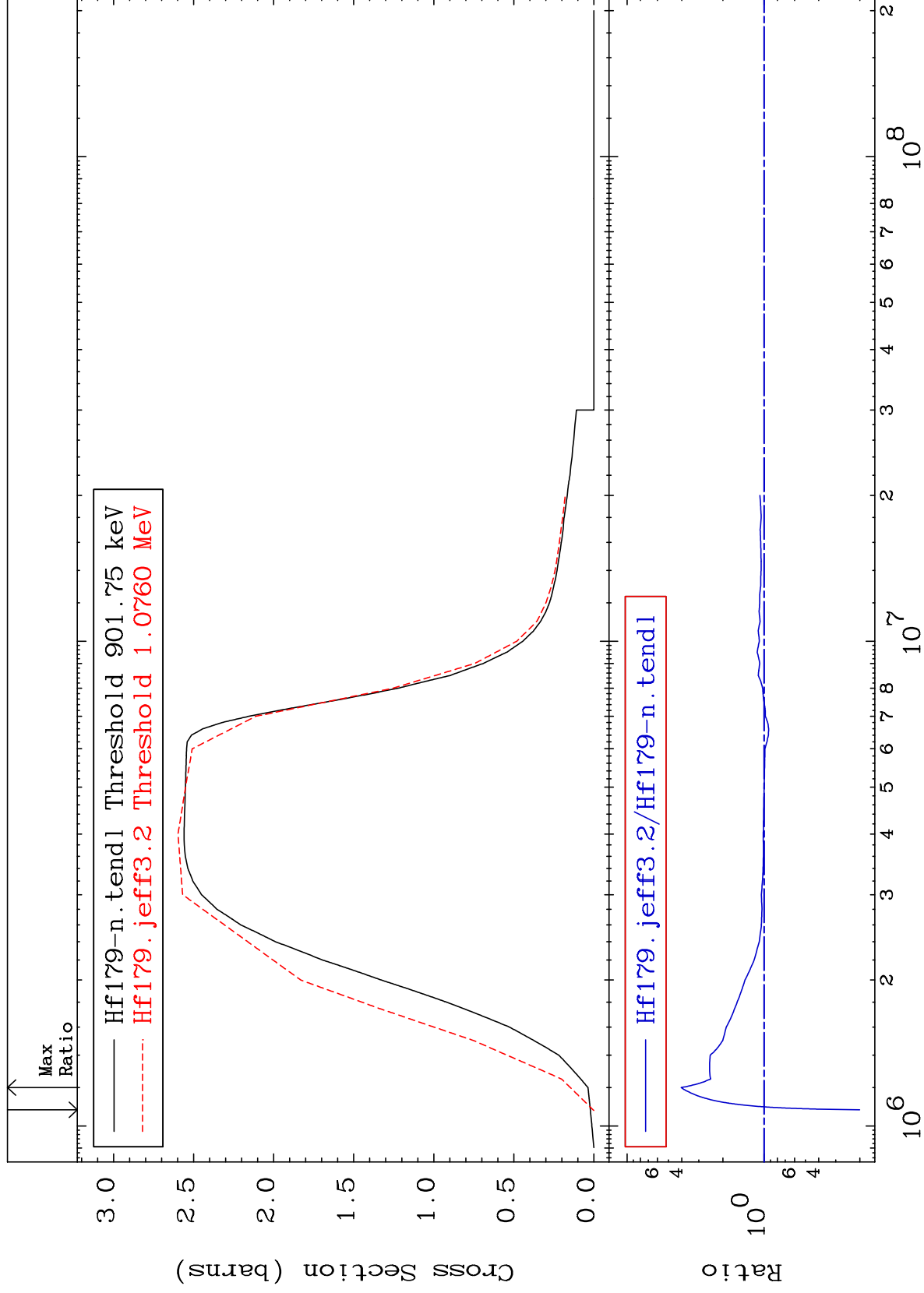
Incident Energy (eV)

⁷²Hf-179

MAT 7240

(n, n') Continuum
Cross Section

⁷²Hf-179
-79.92 To 303.2 %



18

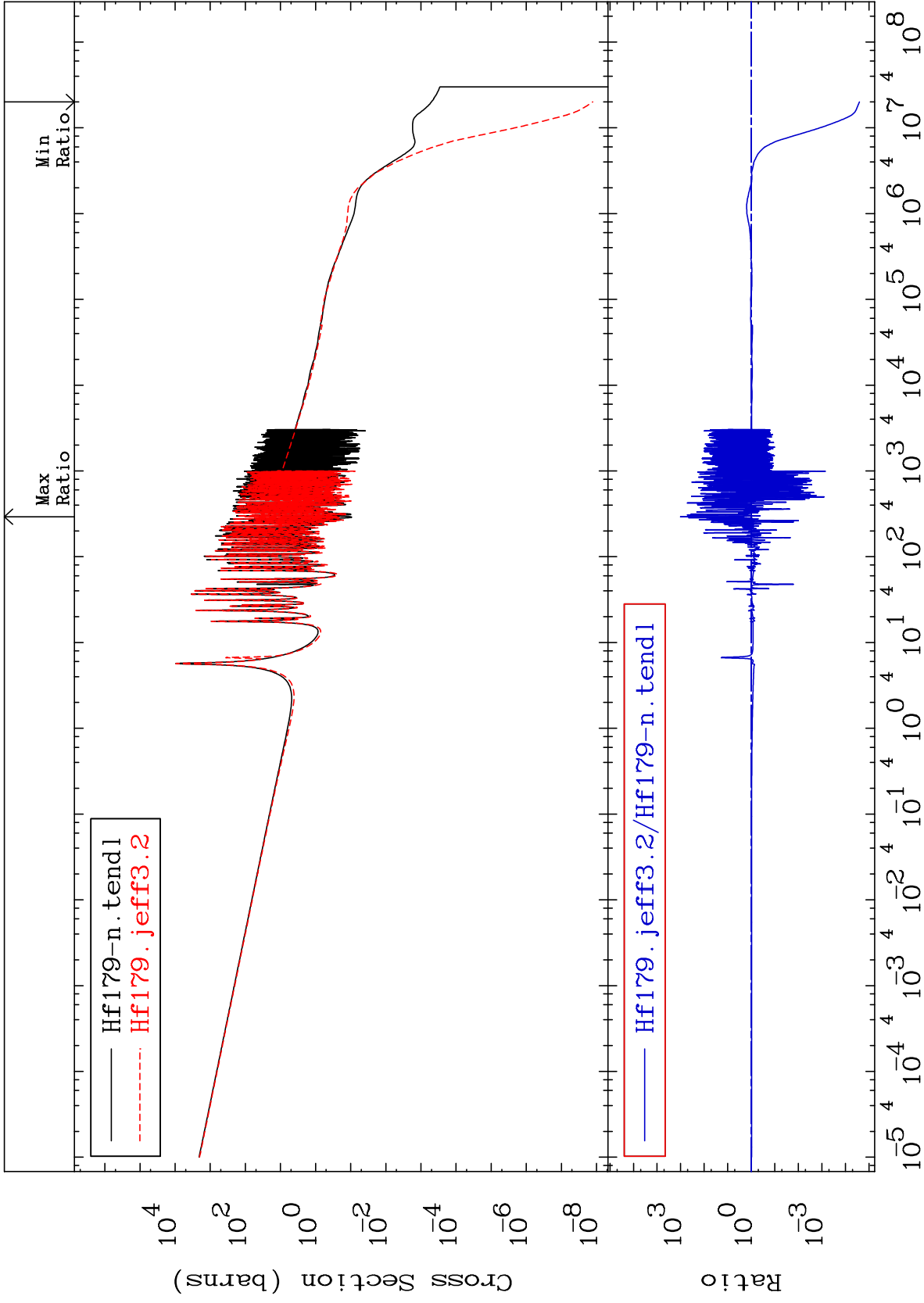
Incident Energy (eV)

⁷²Hf-179

MAT 7240

(n, γ)
Cross Section

72-Hf-179
-100.0 To 9999. %



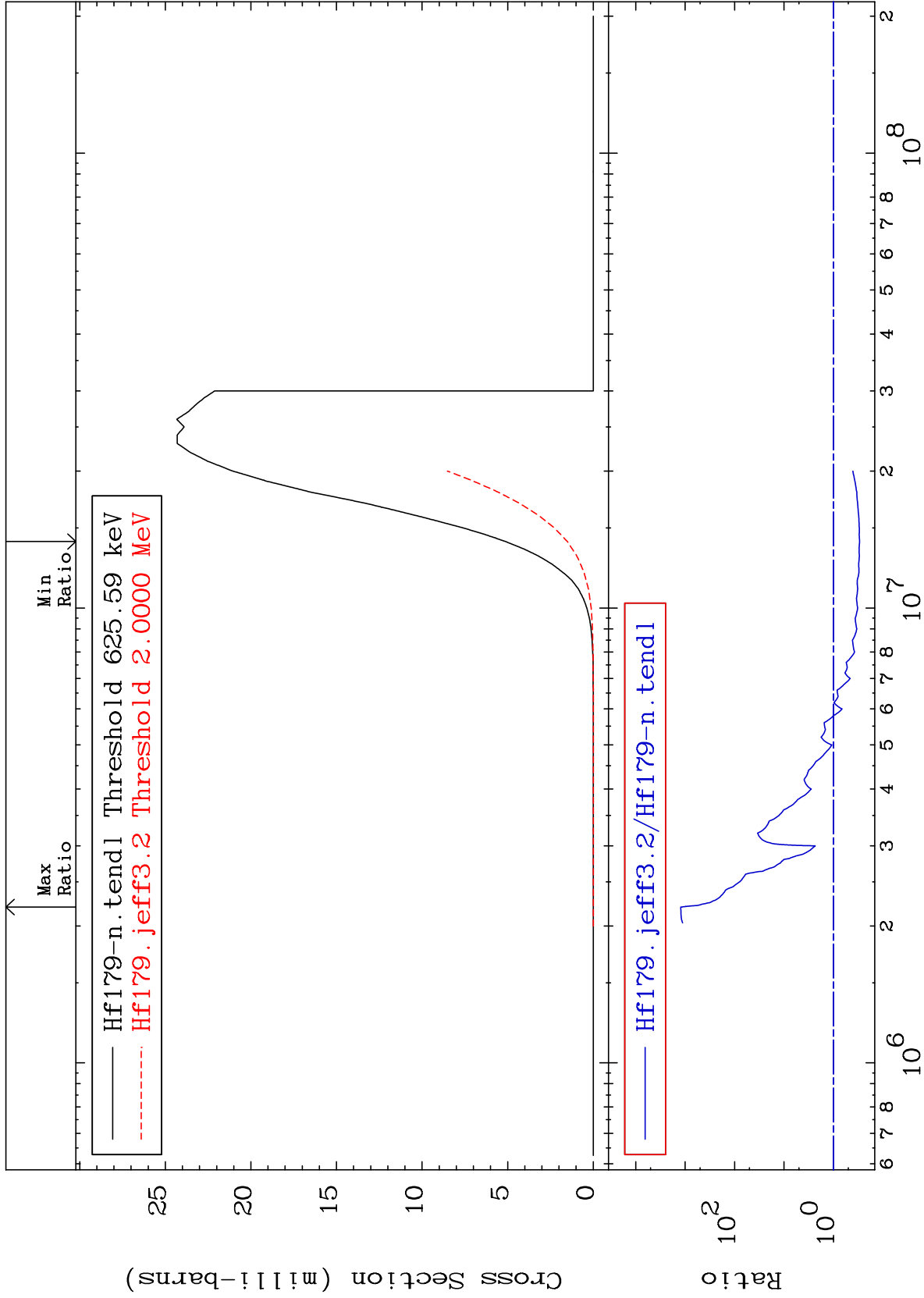
MAT 7240

(n, p)

72-Hf-179

Cross Section

-70.38 To 9999. %



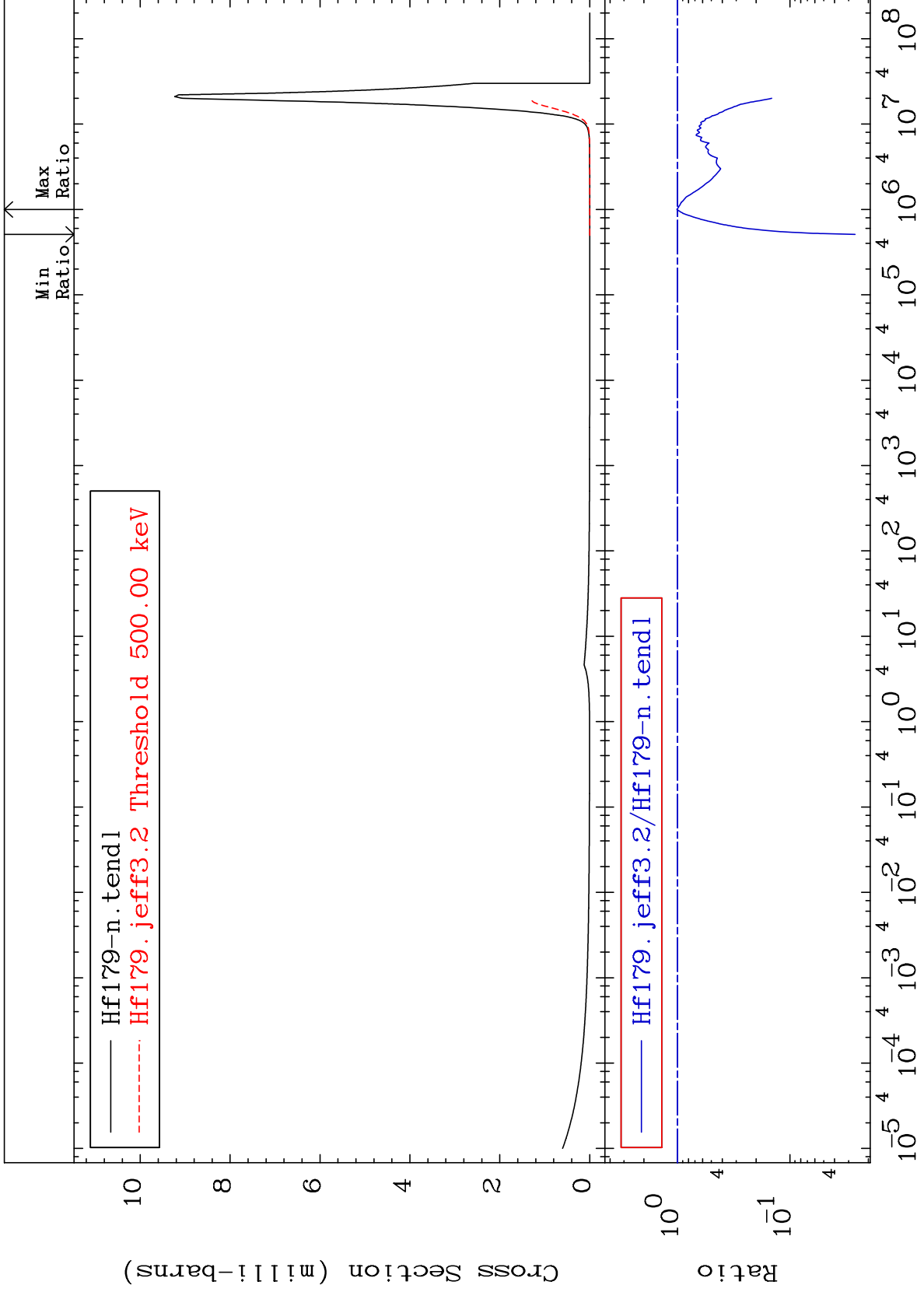
20

72-Hf-179

MAT 7240

(n, α)
Cross Section

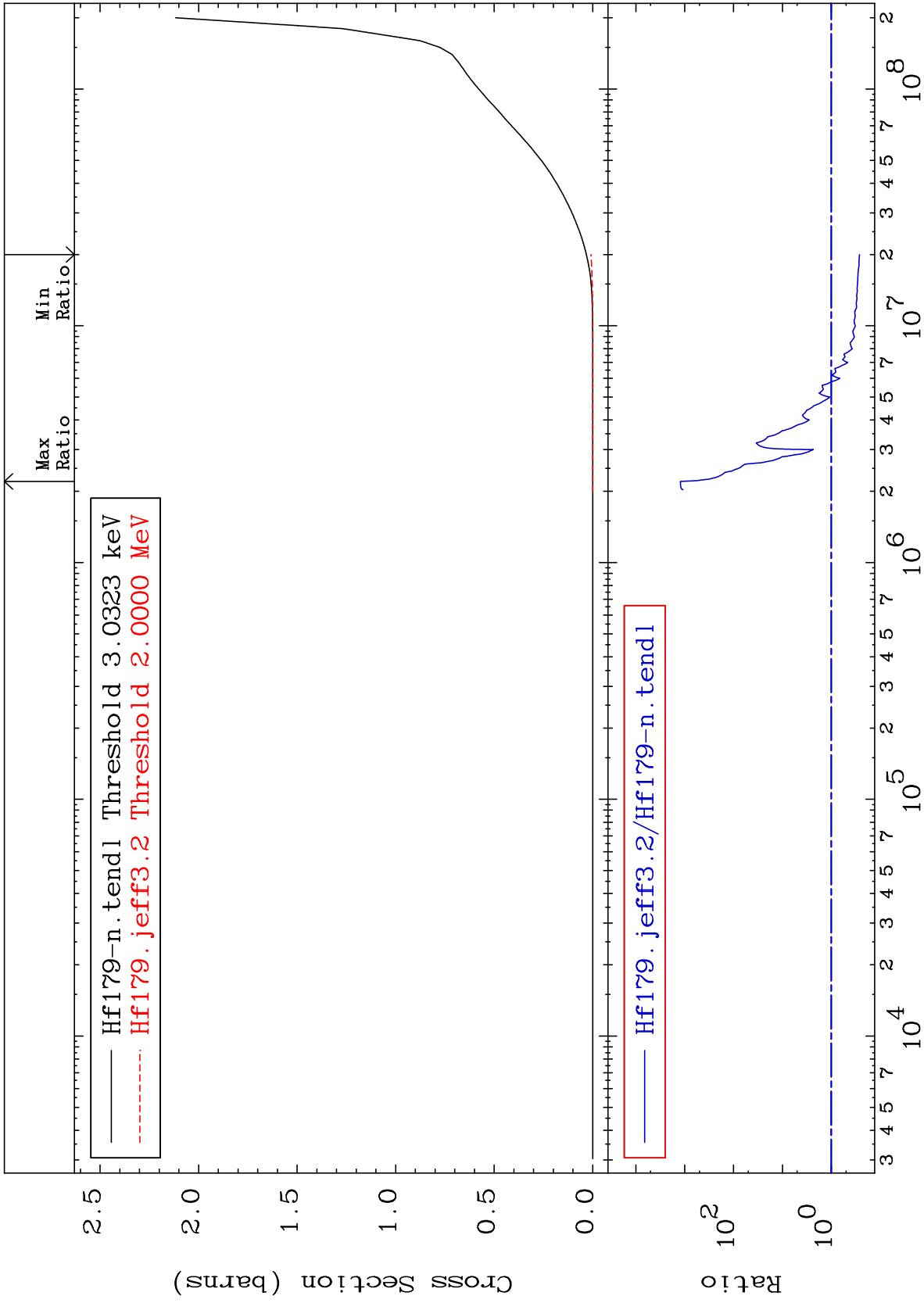
72-Hf-179
-97.37 To 1.393 %



MAT 7240

Hydrogen Production
Cross Section

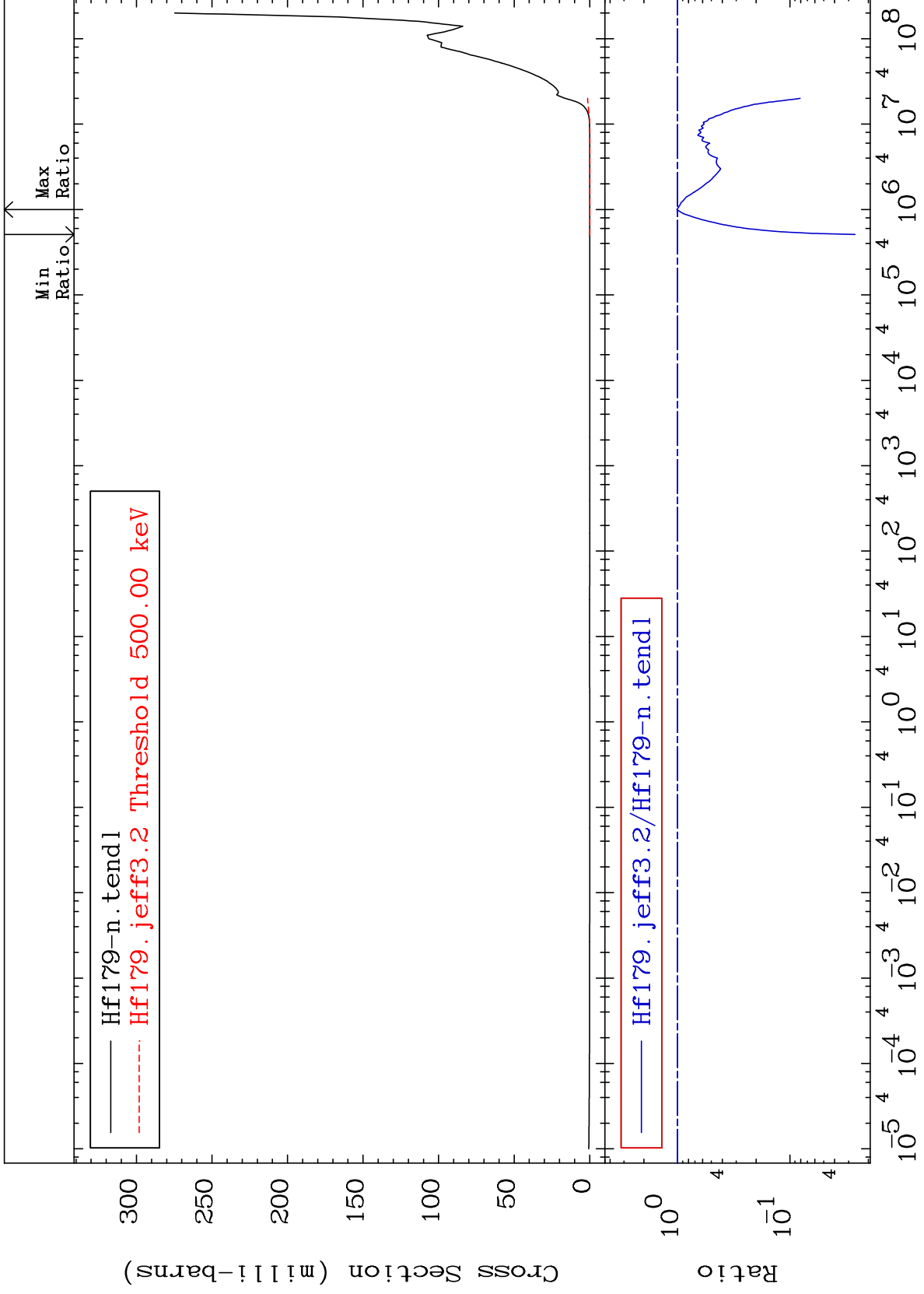
72-Hf-179
-73.48 To 9999. %

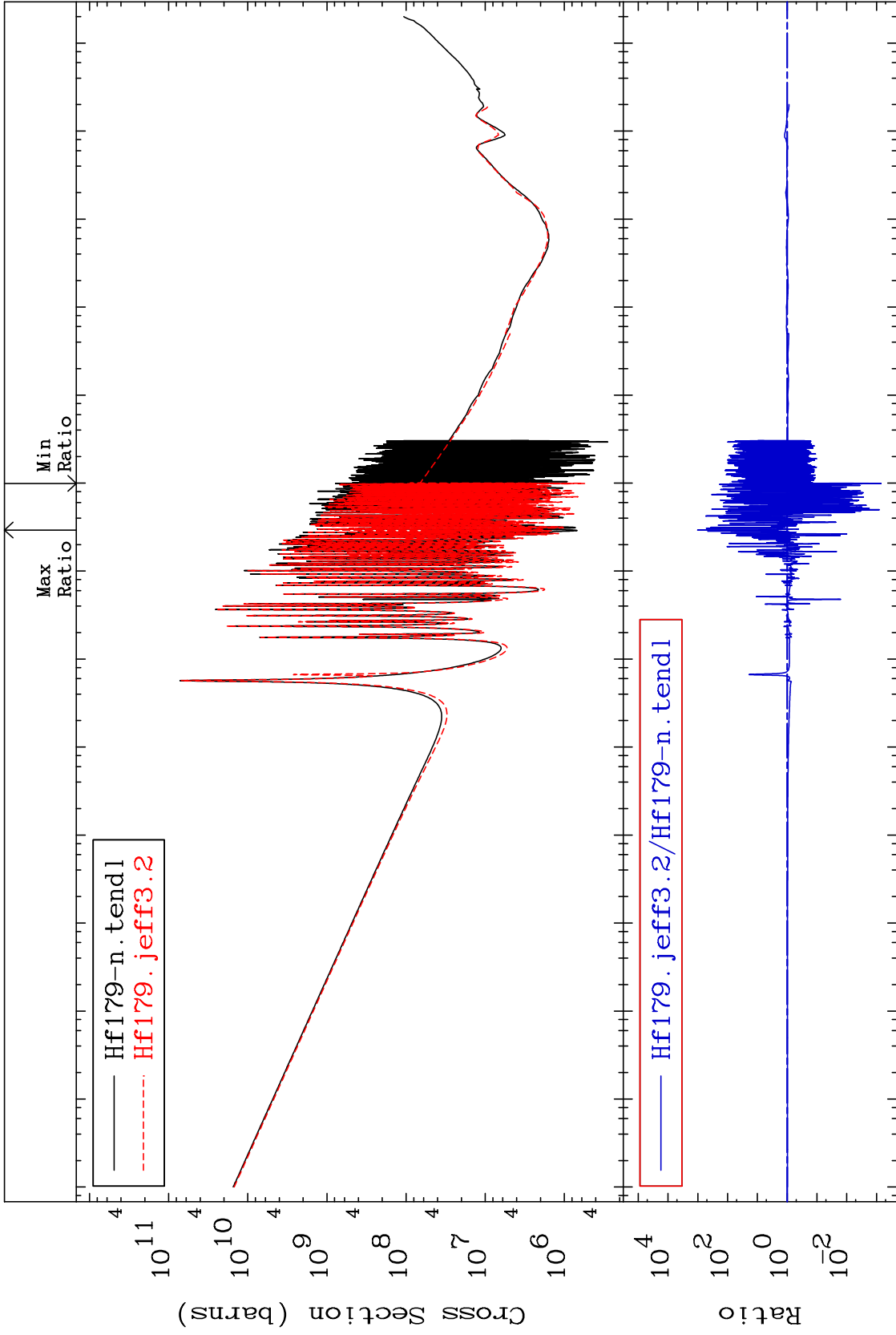


MAT 7240

He-4 Production
Cross Section

72-Hf-179
-97.37 To 1.393 %

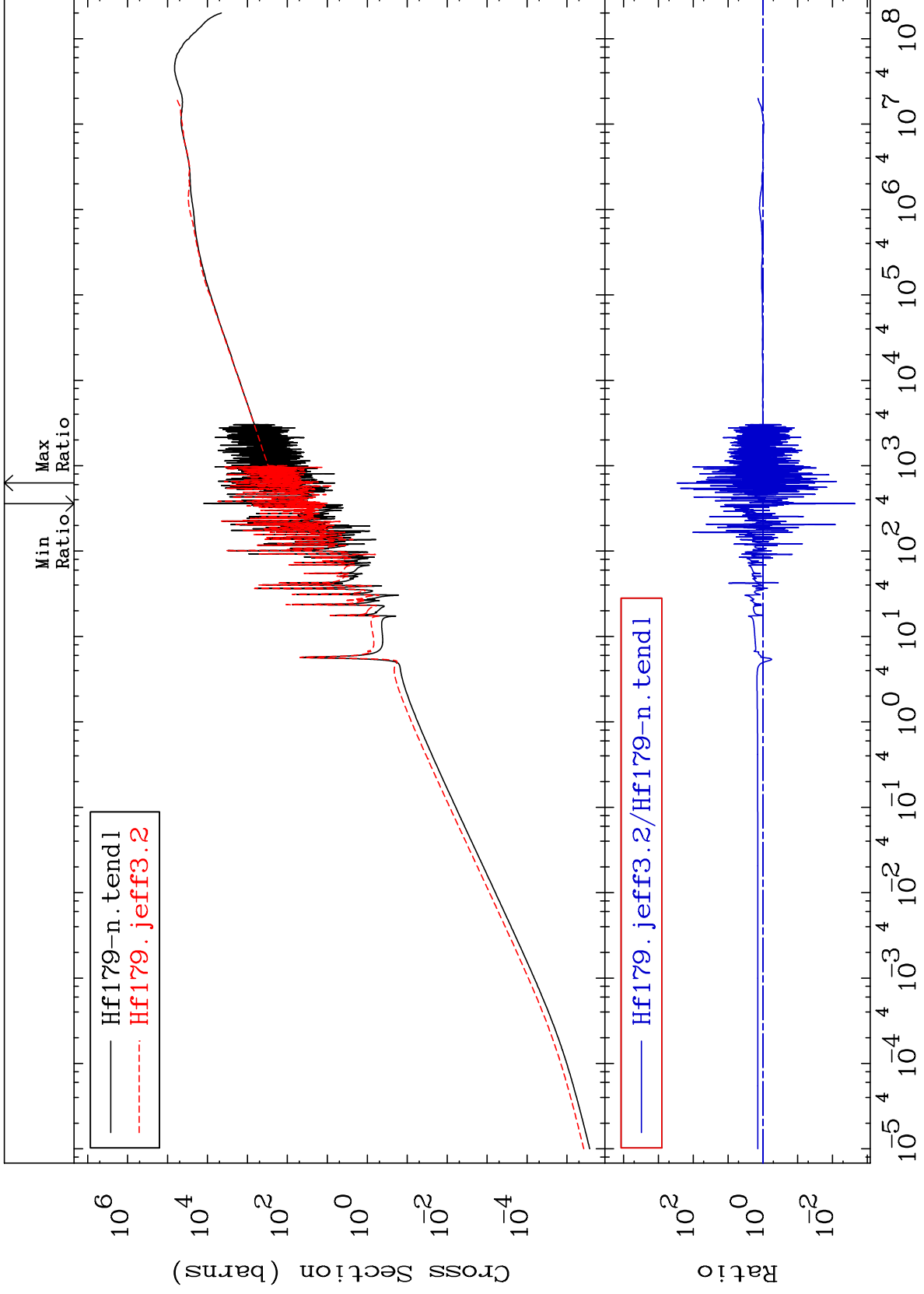


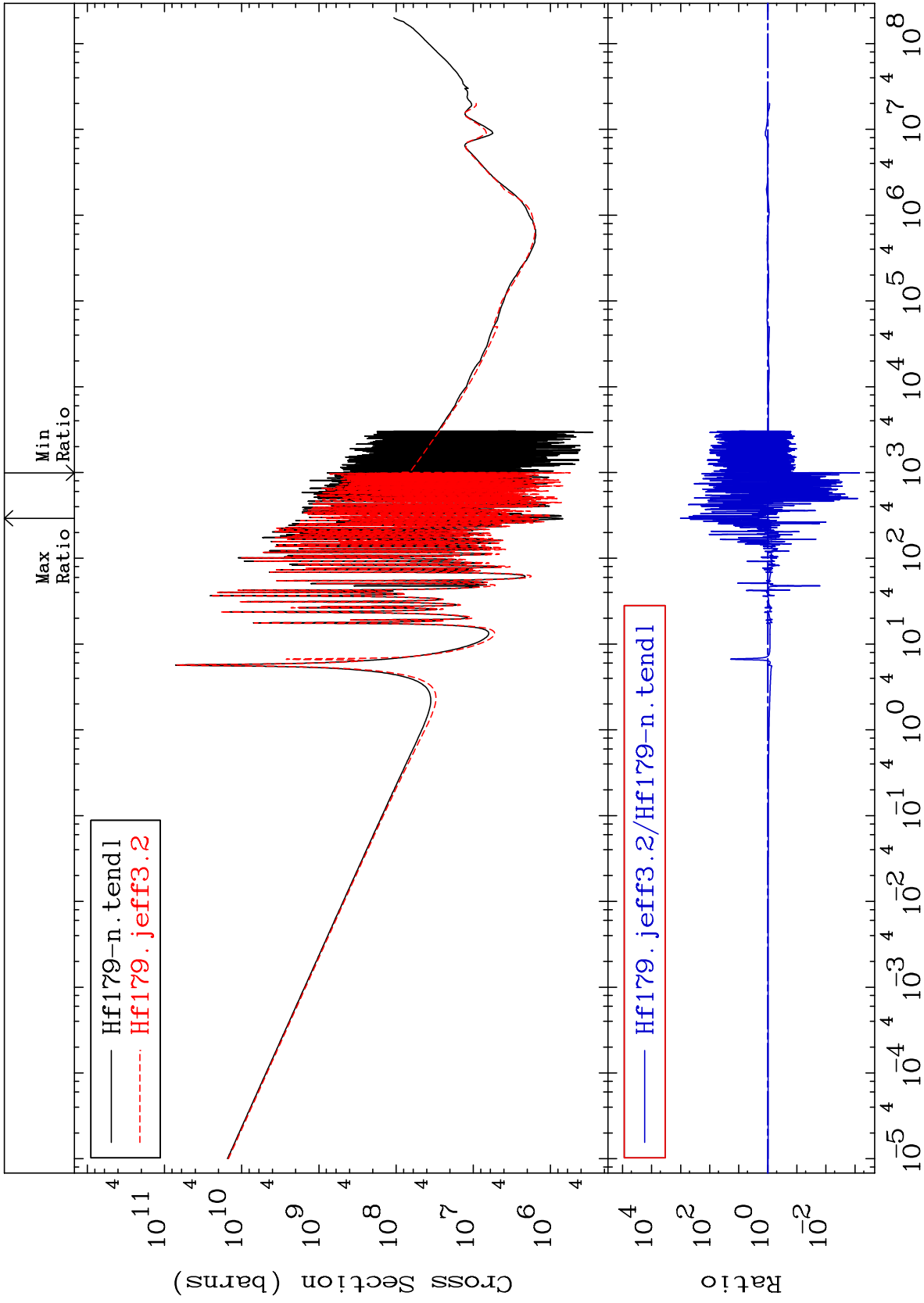


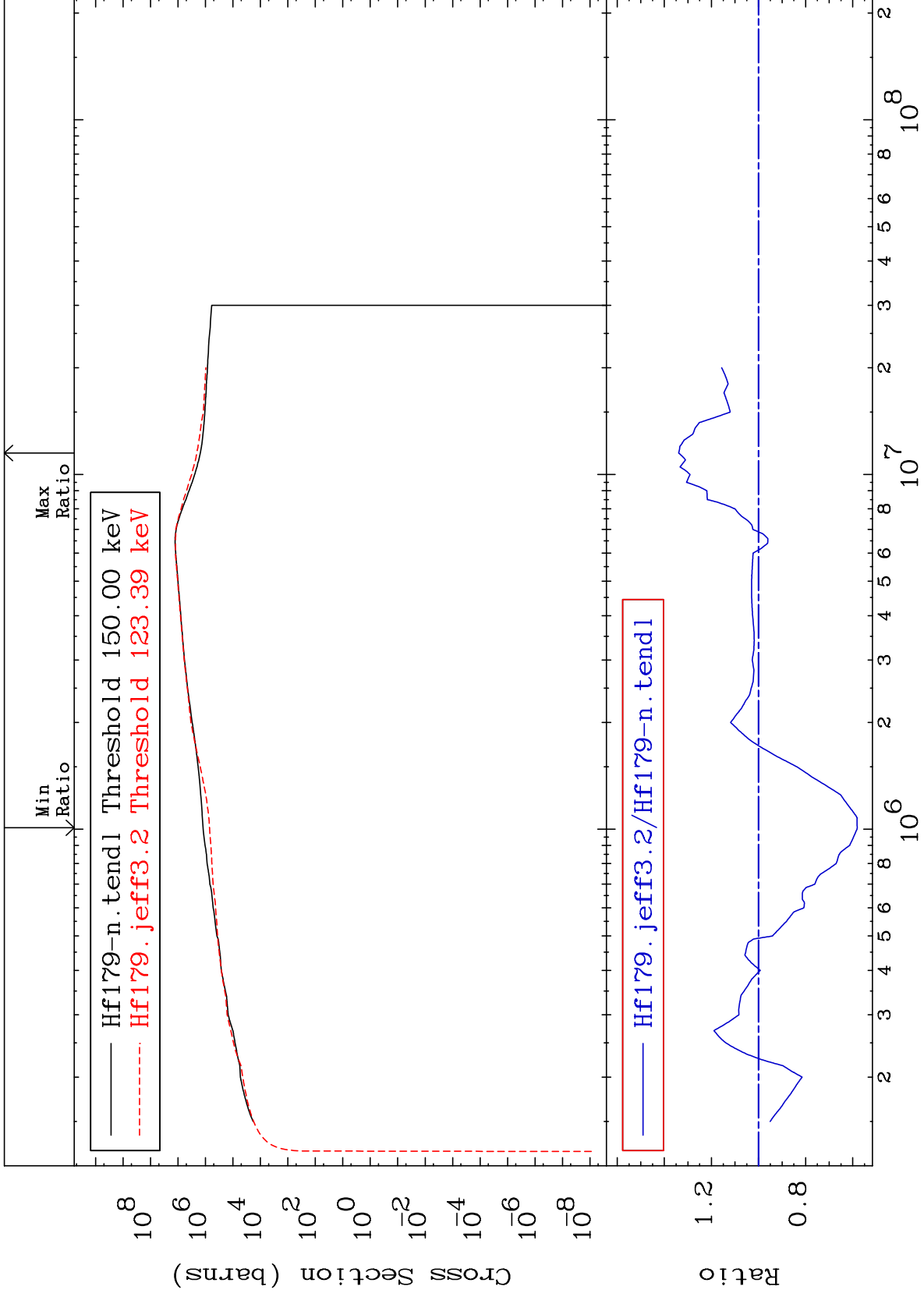
MAT 7240

Kerma elastic
Cross Section

72-Hf-179
-99.78 To 9999. %



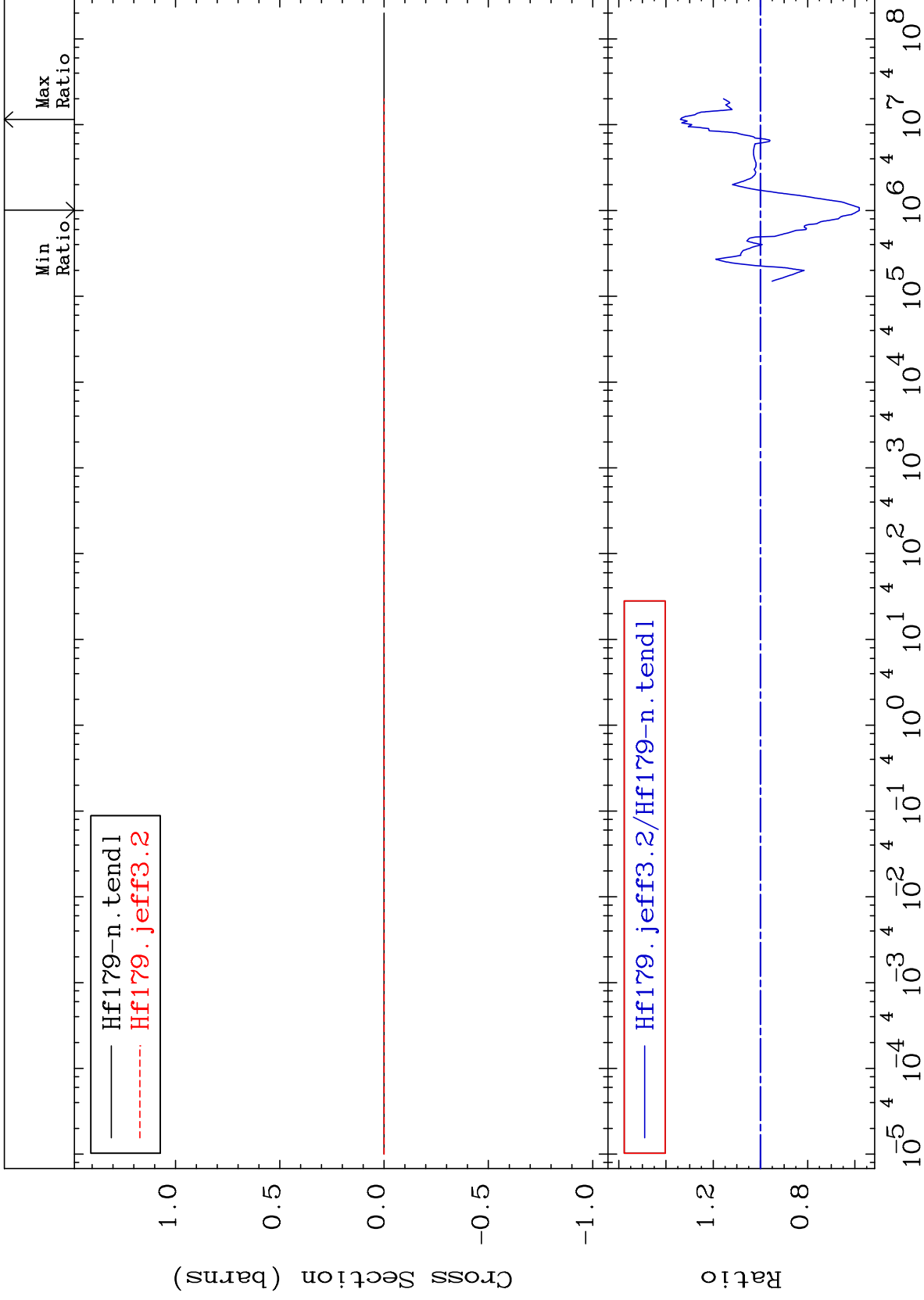




MAT 7240

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

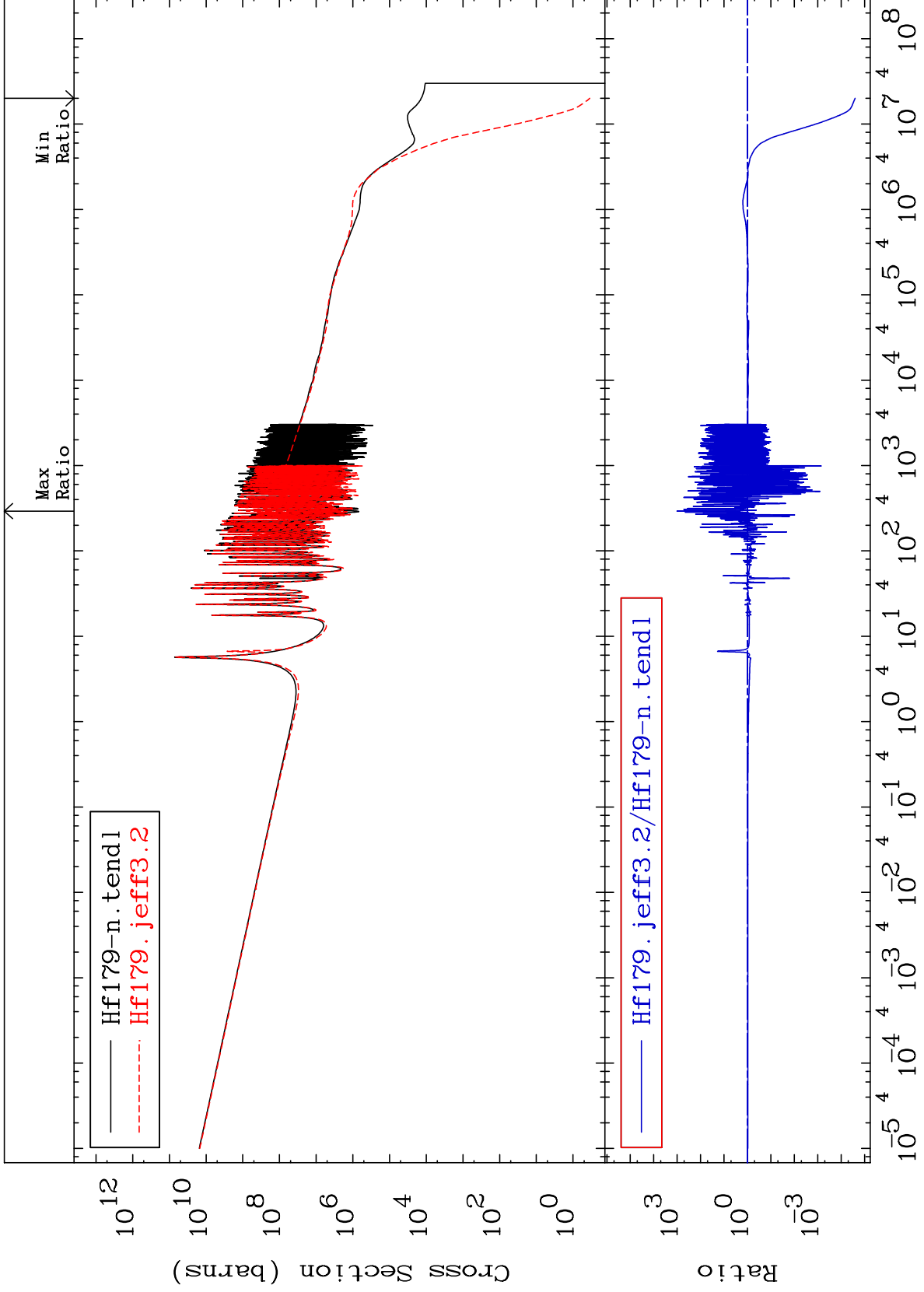
72-Hf-179
-41.92 To 33.92 %



MAT 7240

Kerma capture (mt102)
Cross Section

72-Hf-179
-100.0 To 9999. %

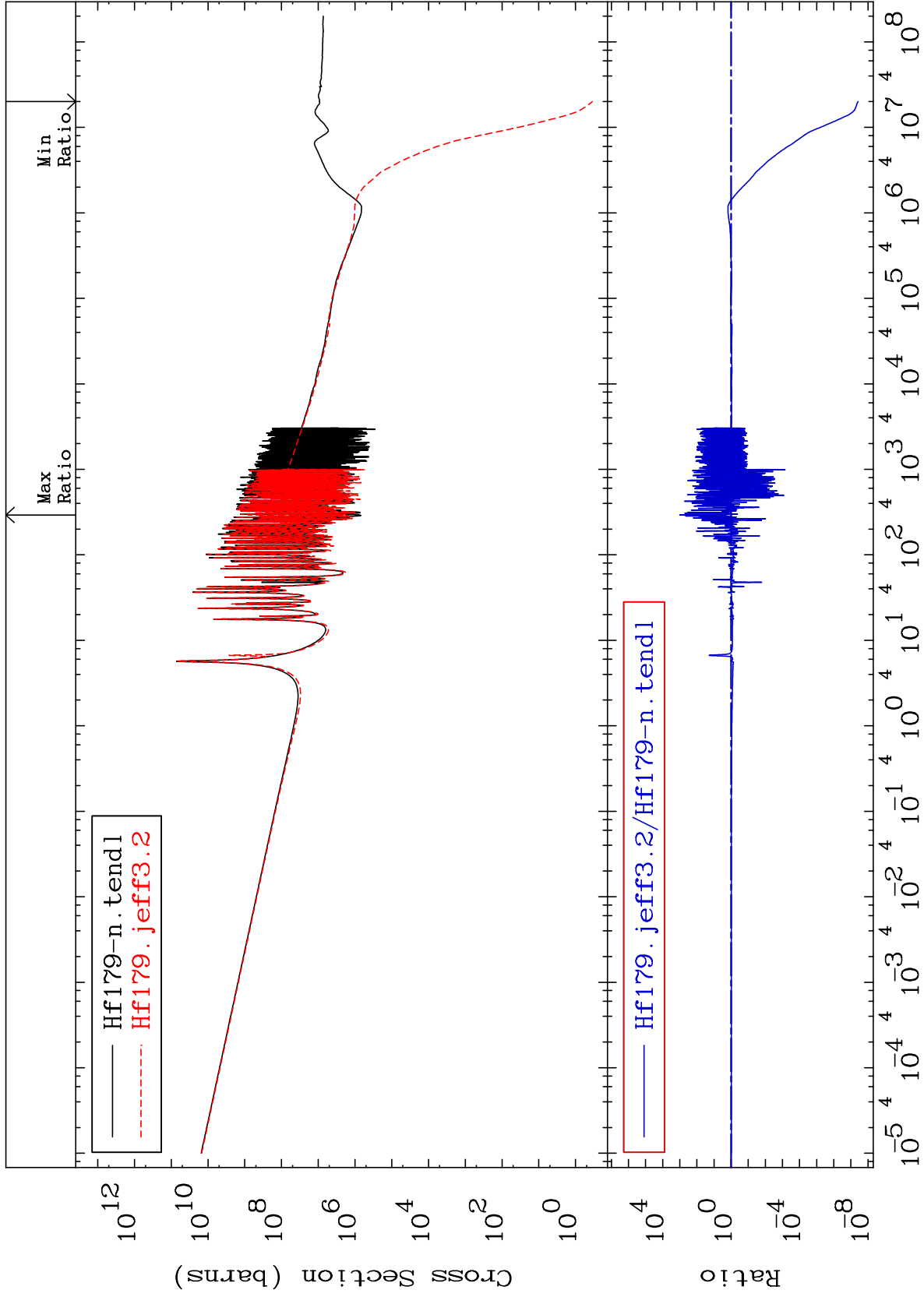


MAT 7240

Total photon (eV-barns)
Cross Section

72-Hf-179

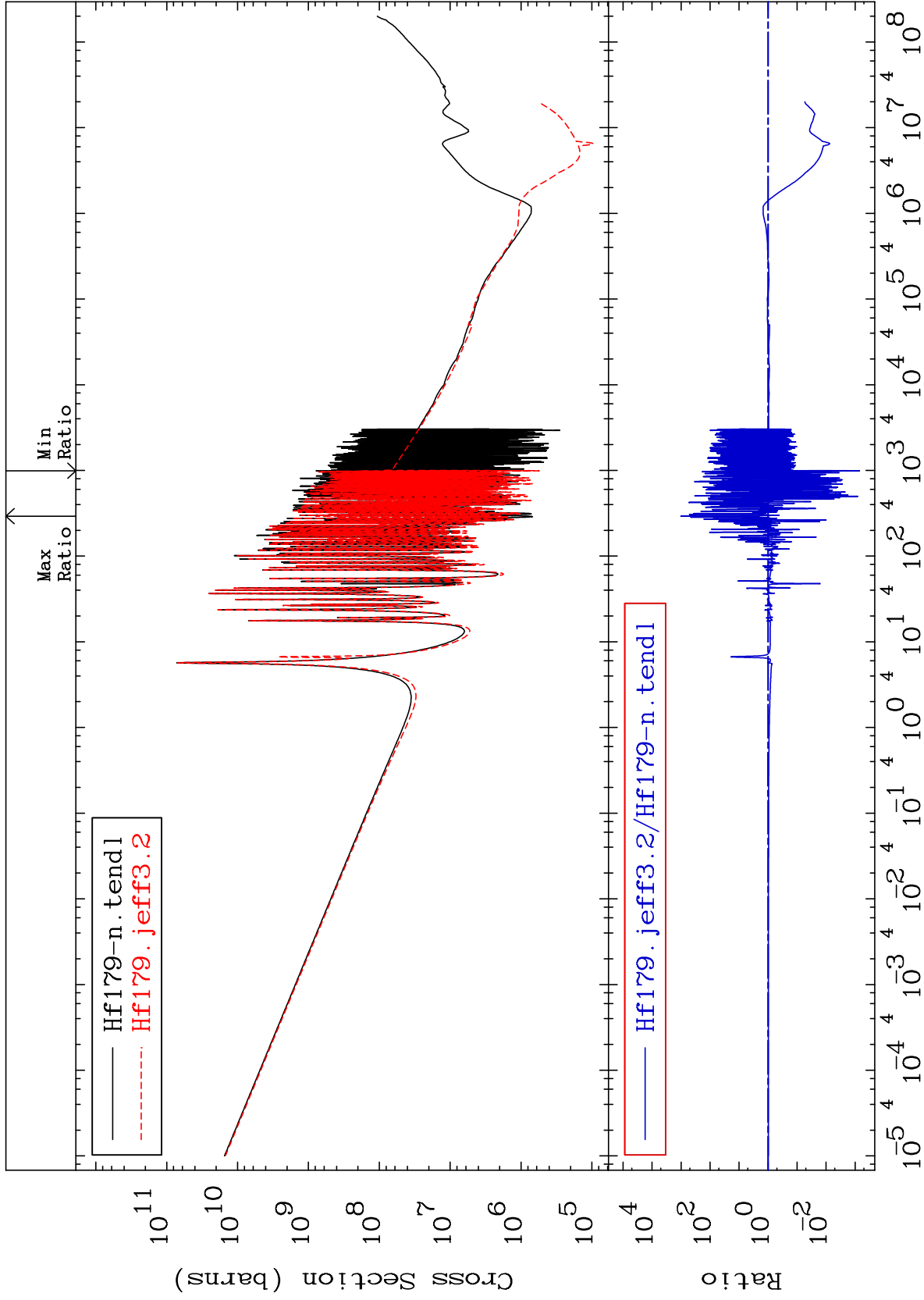
-100.0 To 9999. %

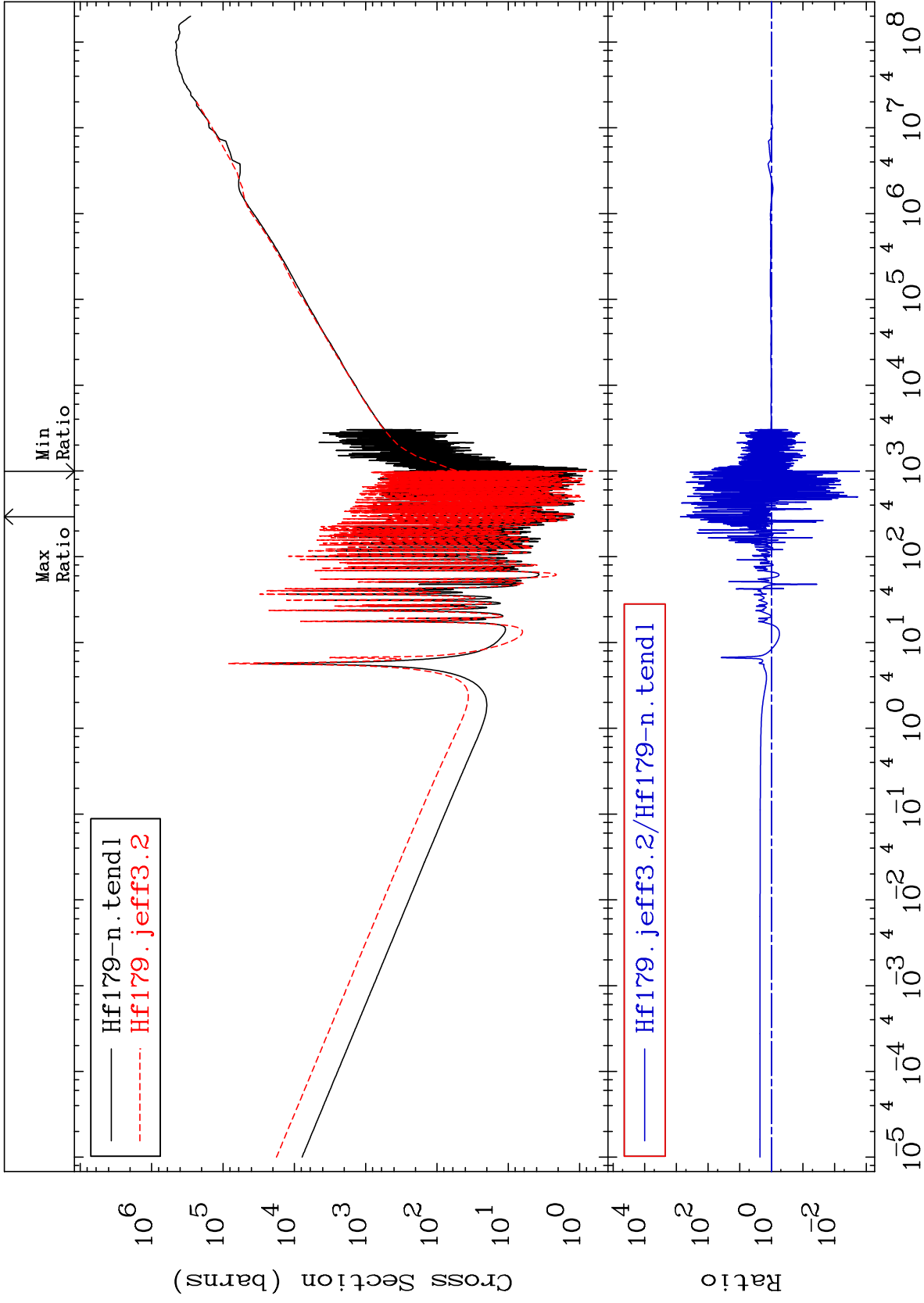


30

Incident Energy (eV)

72-Hf-179

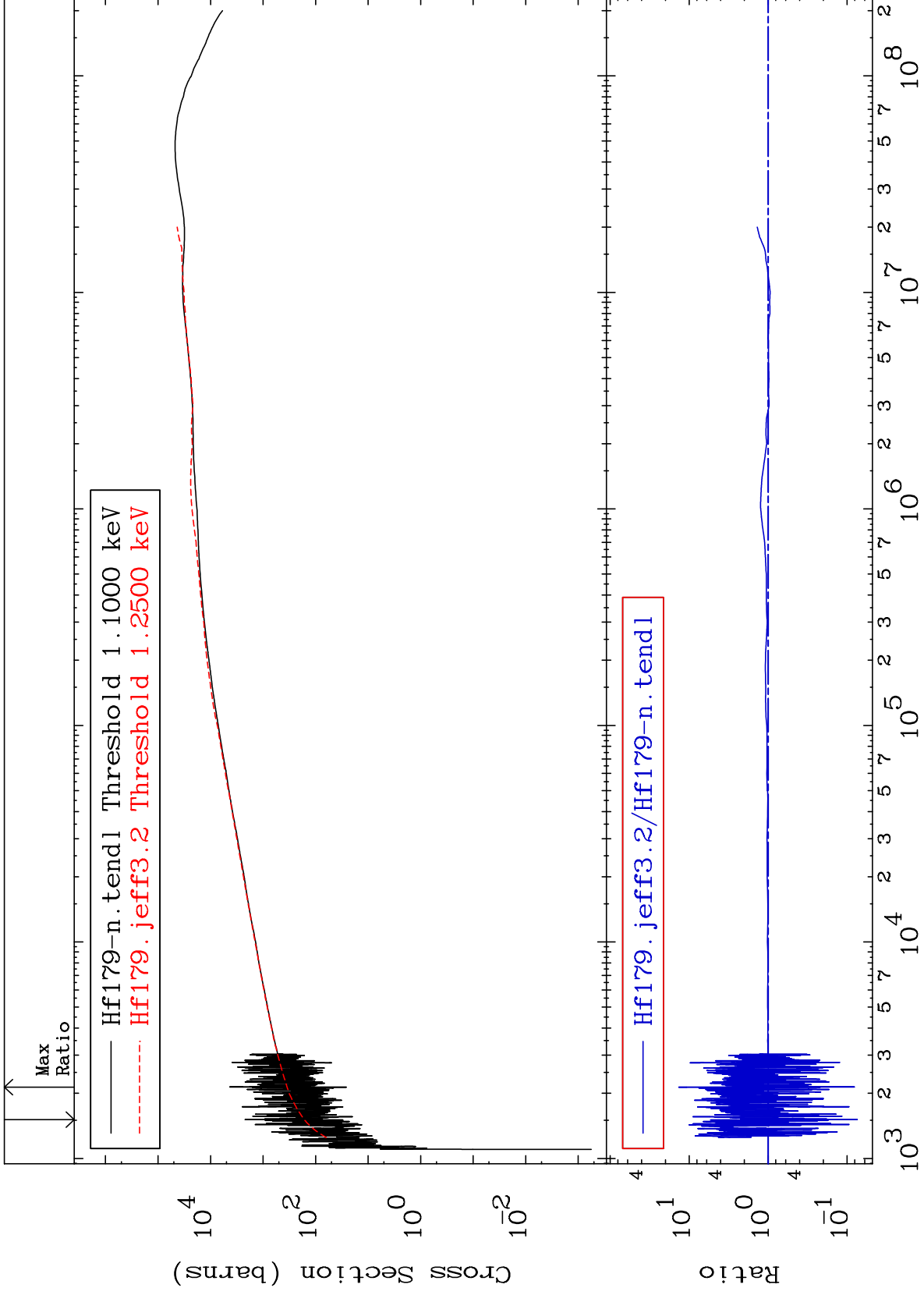




MAT 7240

Dpa elastic (mt2)
Cross Section

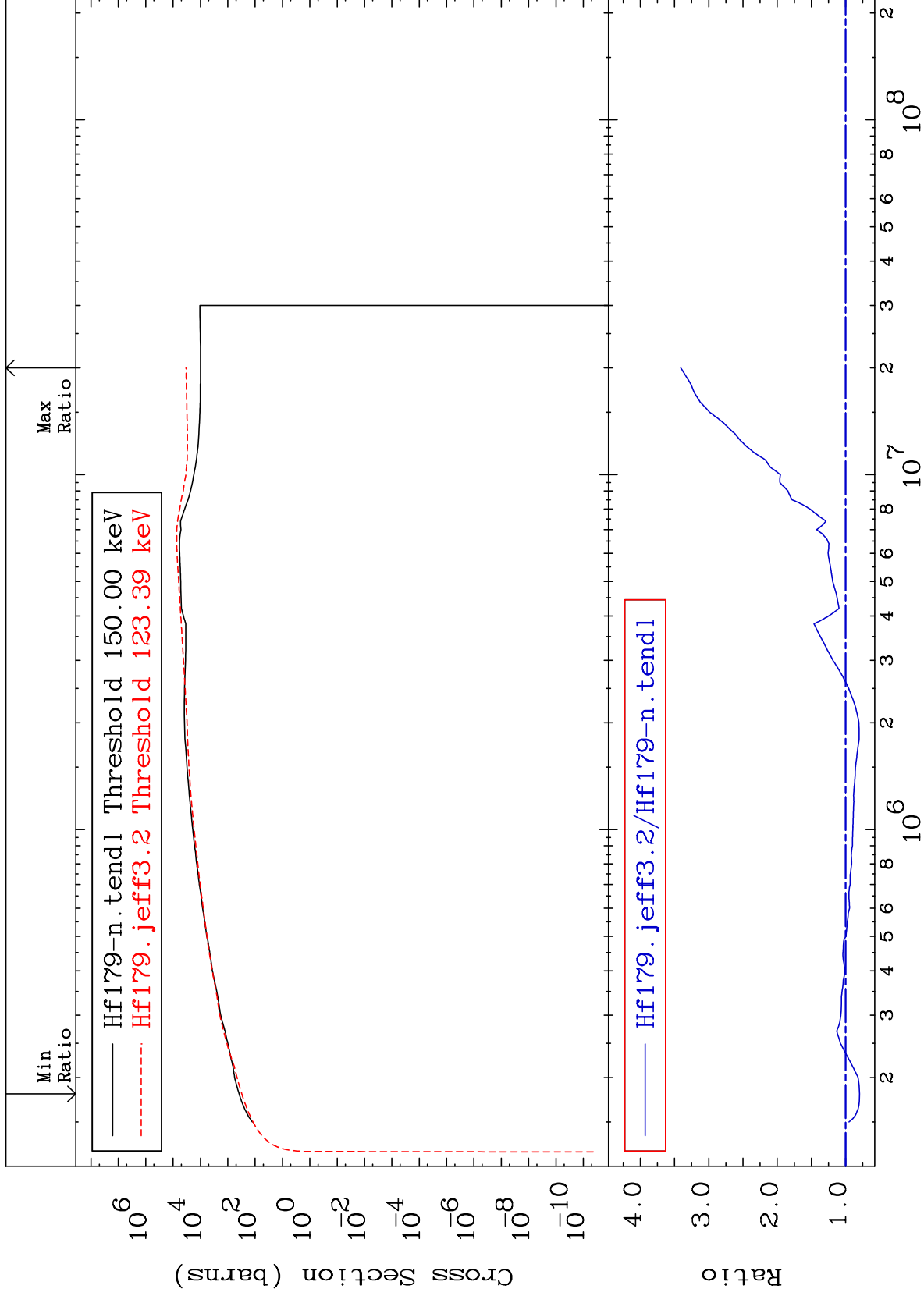
72-Hf-179
-92.55 To 1260. %



MAT 7240

Dpa inelastic (mt51-91)
Cross Section

72-Hf-179
-20.30 To 240.9 %



MAT 7240

Dpa disappearance (mt102 -120)
Cross Section

72-Hf-179
-99.84 To 9999. %

