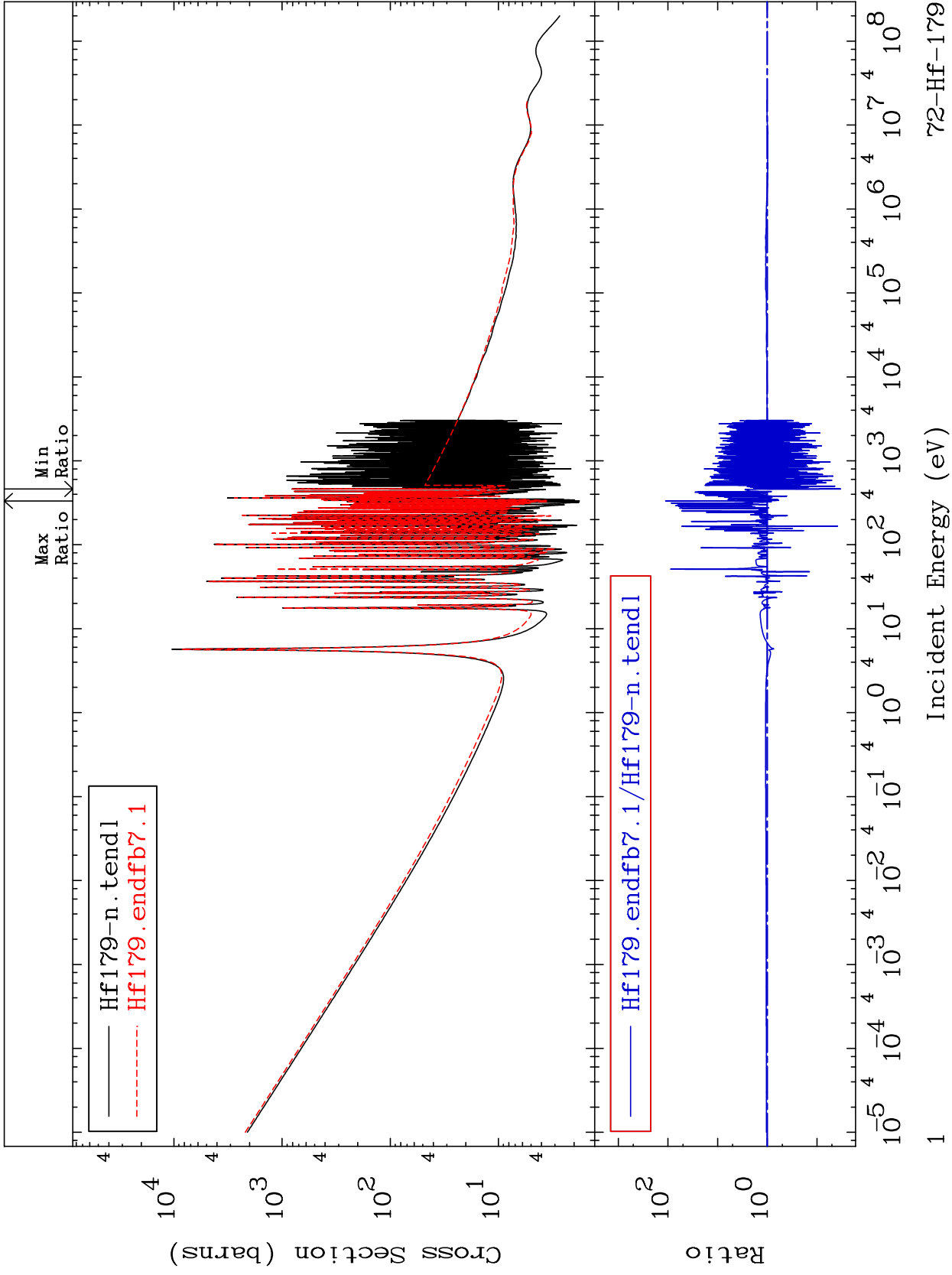


MAT 7240

Total Cross Section
72-Hf-179
-96.67 To 9999. %



72-Hf-179

Incident Energy (eV)

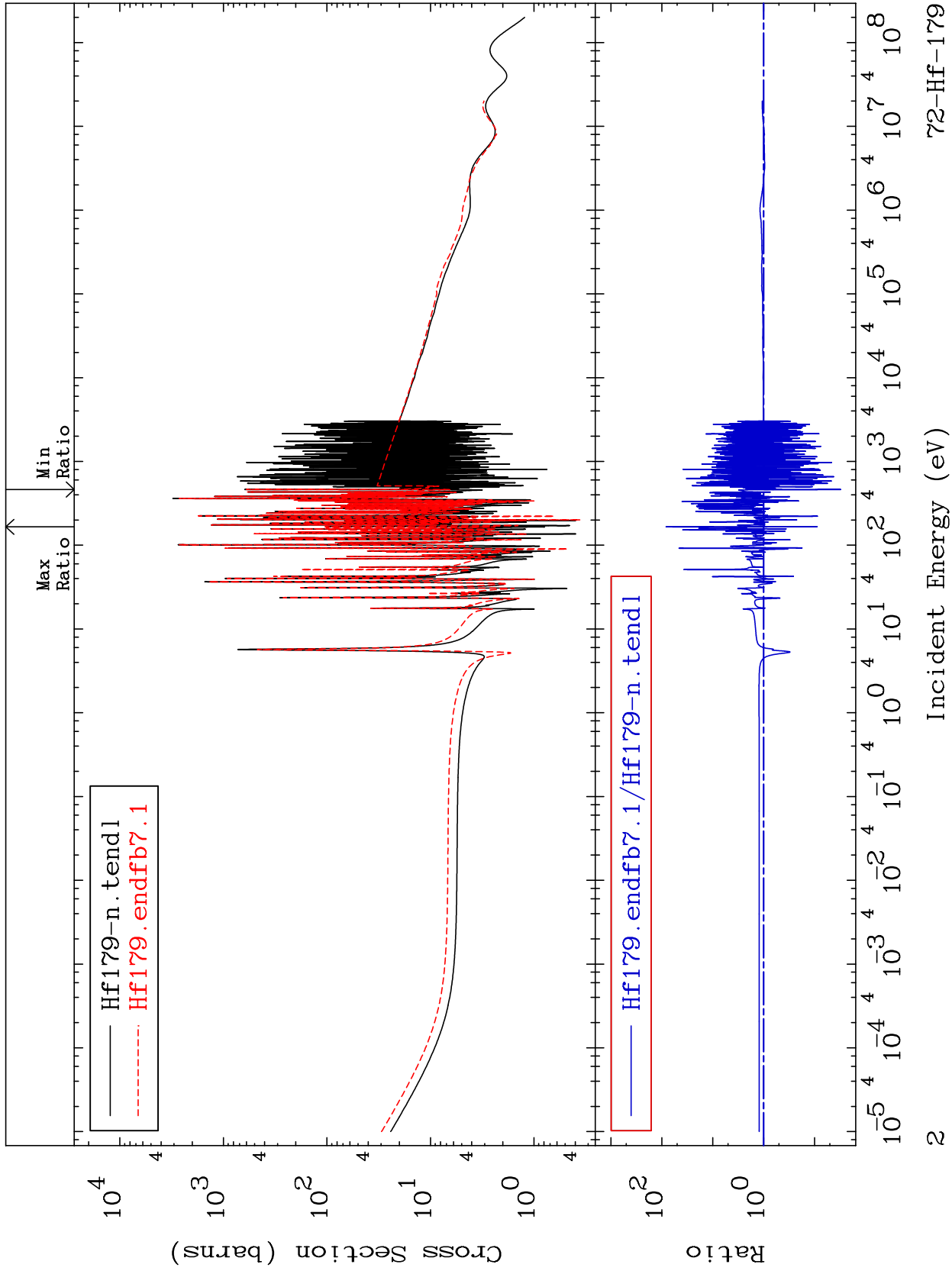
MAT 7240

Elastic

72-Hf-179

Cross Section

-96.97 To 8194. %

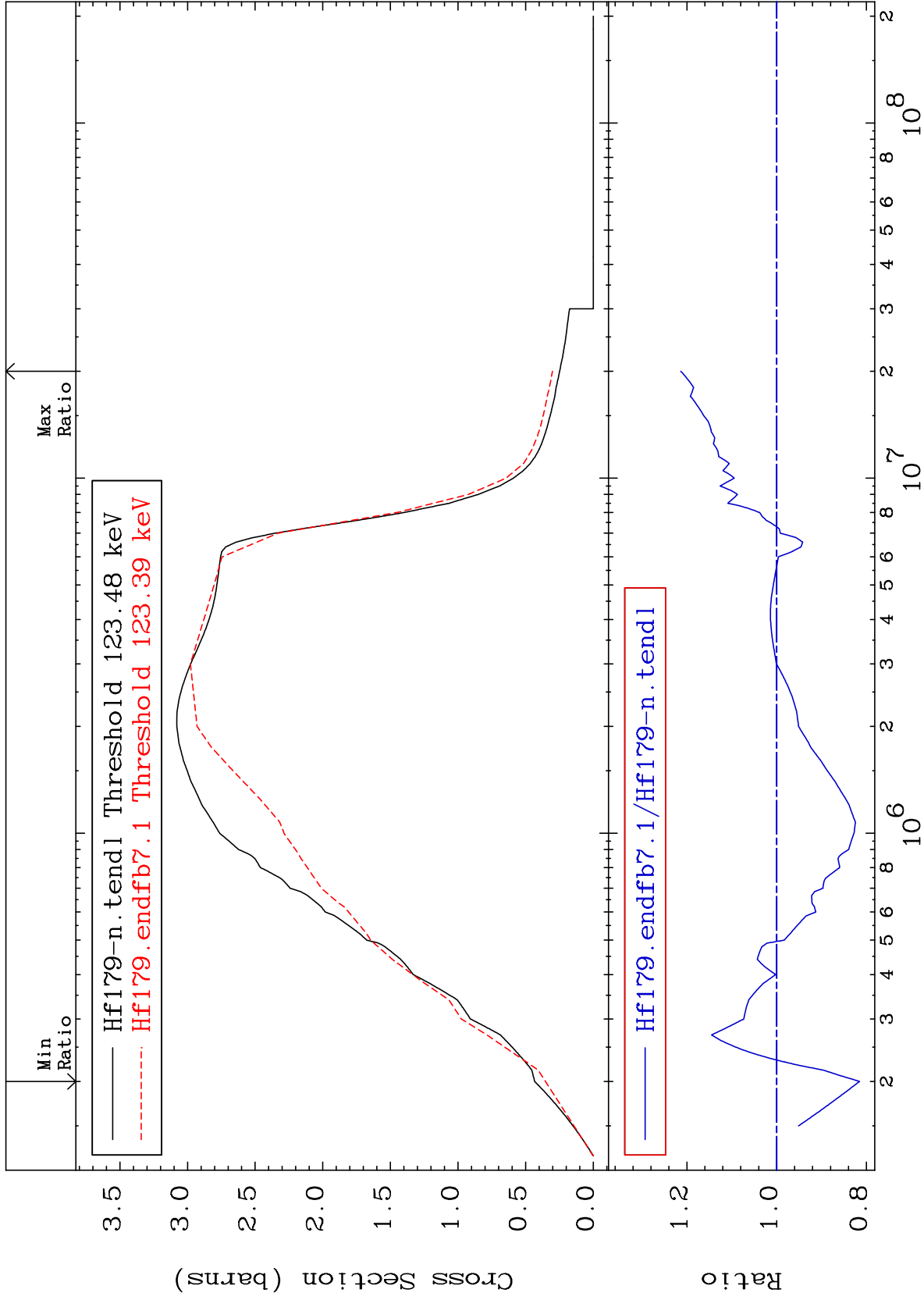


72-Hf-179

Incident Energy (eV)

2

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



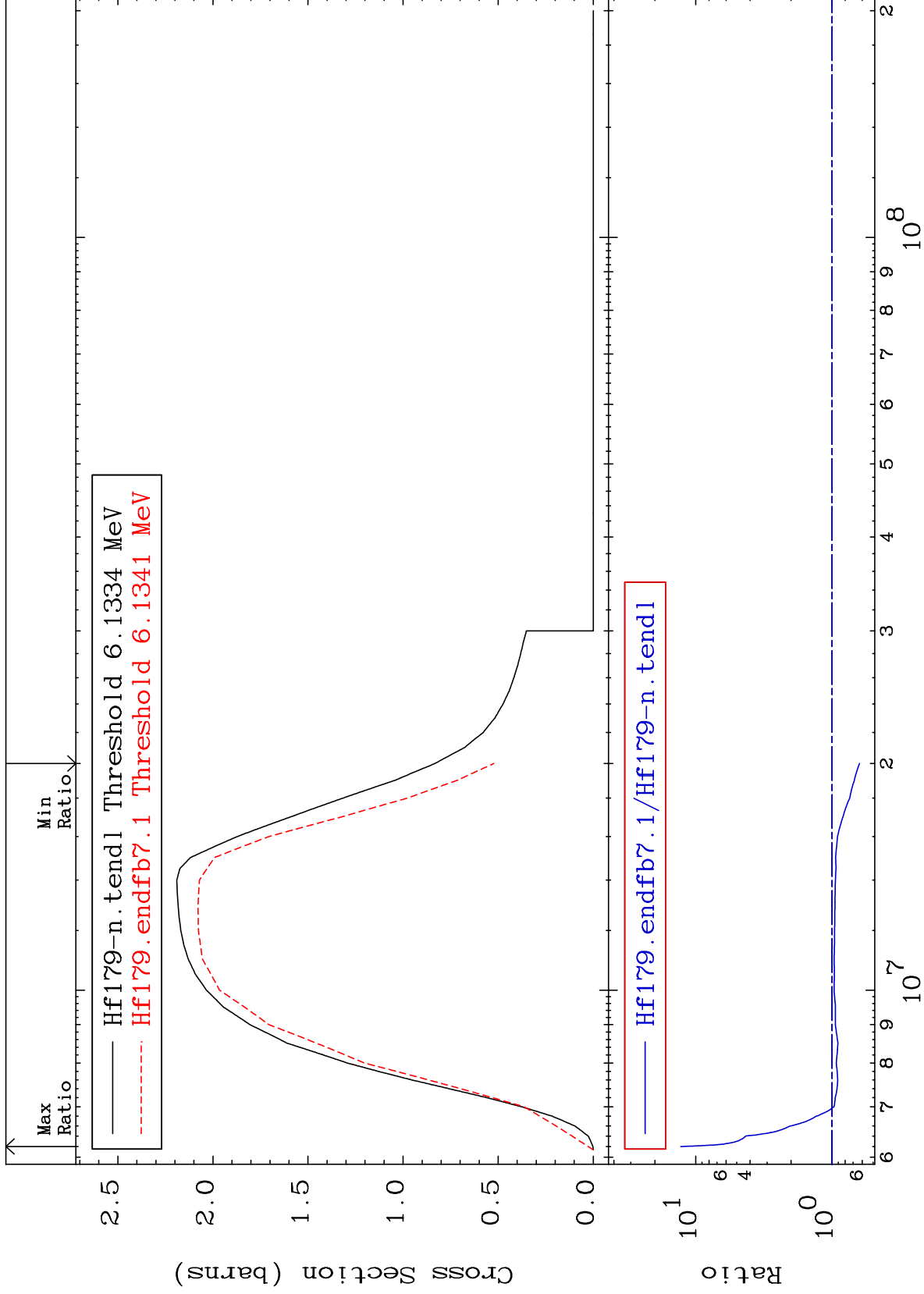
MAT 7240

(n,2n)

72-Hf-179

Cross Section

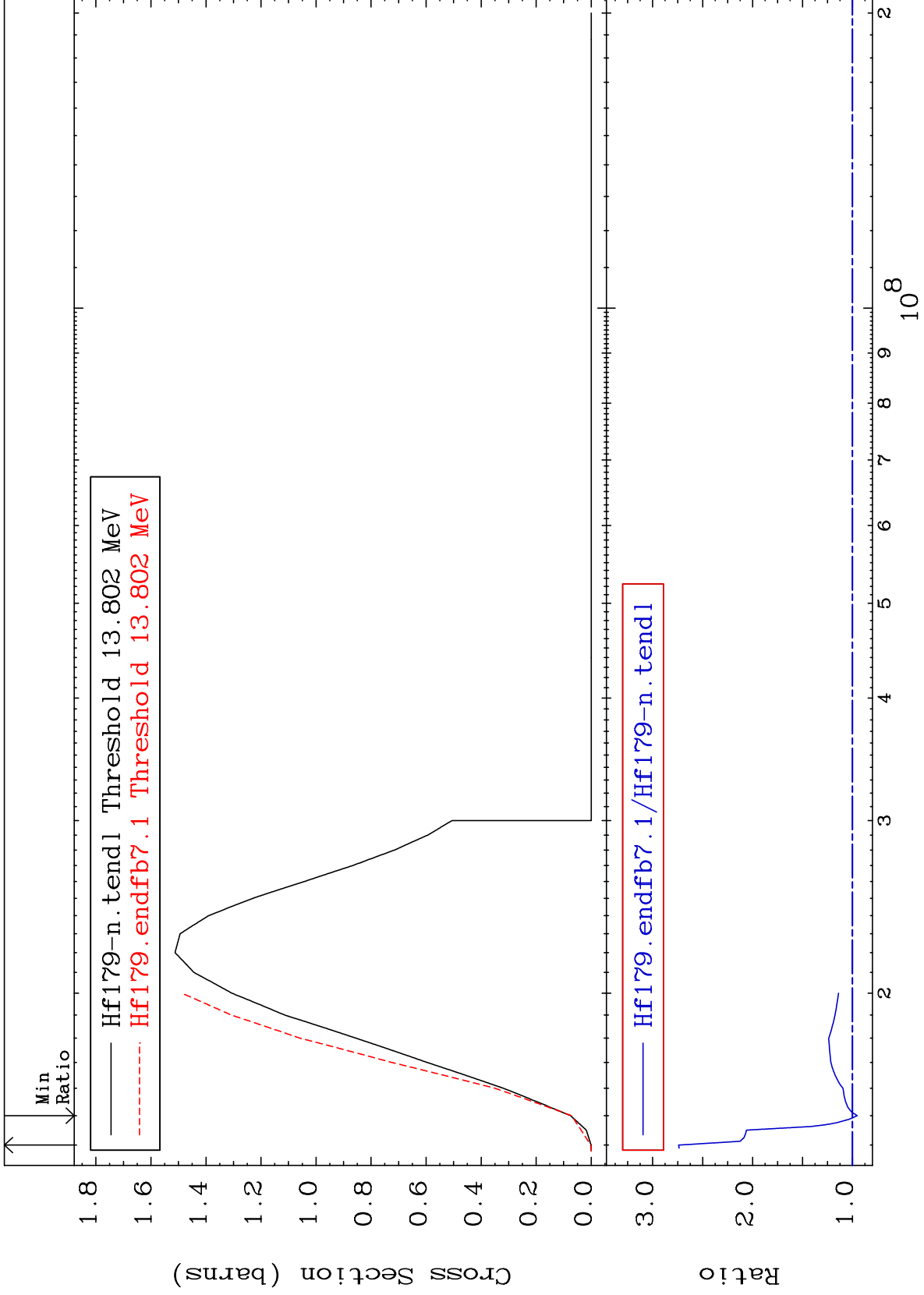
-37.21 To 1190. %



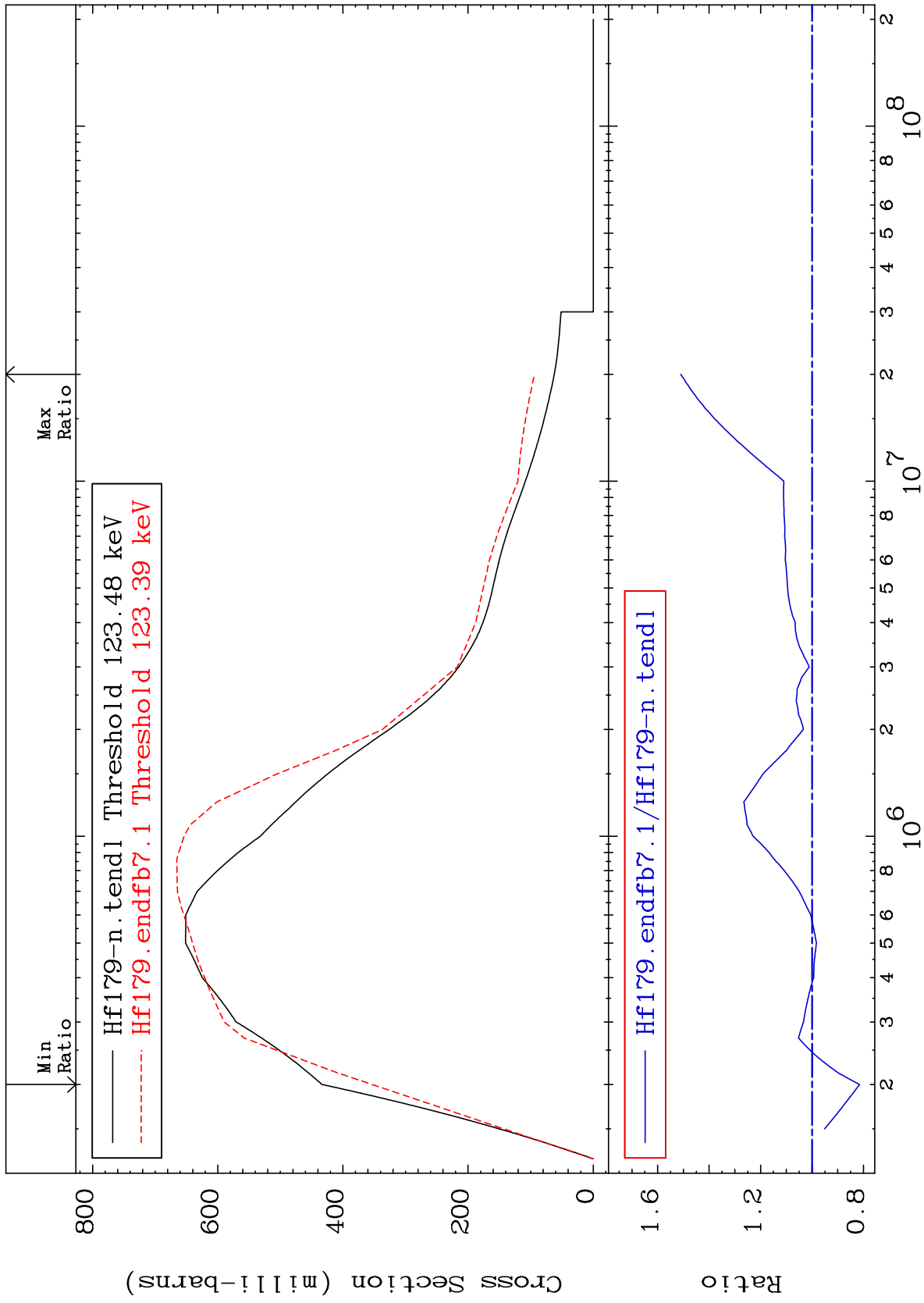
MAT 7240

(n,3n)
Cross Section

72-Hf-179
-4.820 To 174.0 %



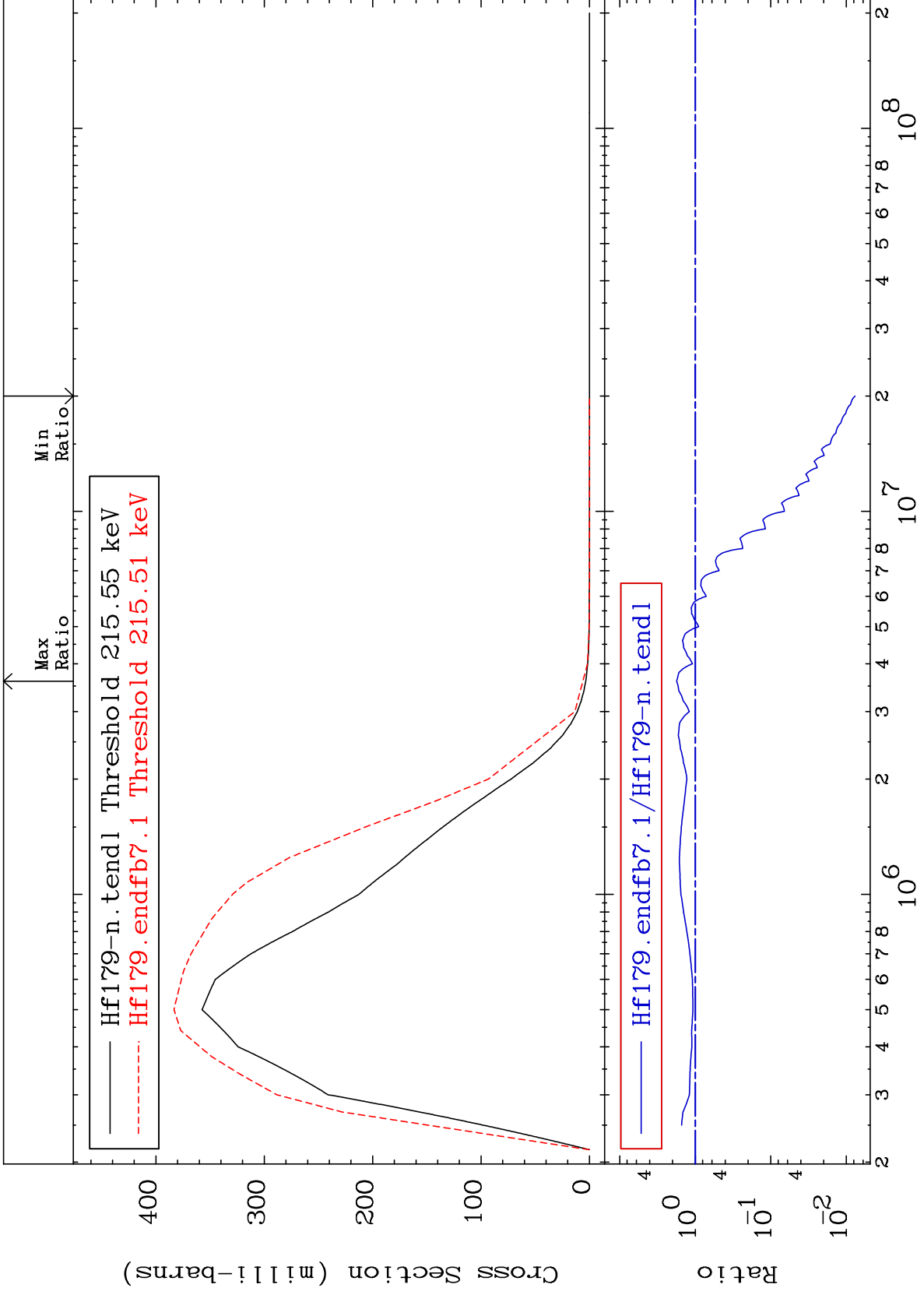
MAT 7240 72-Hf-179
 122.8 keV (n,n') Level -18.46 To 51.01 %
 Cross Section



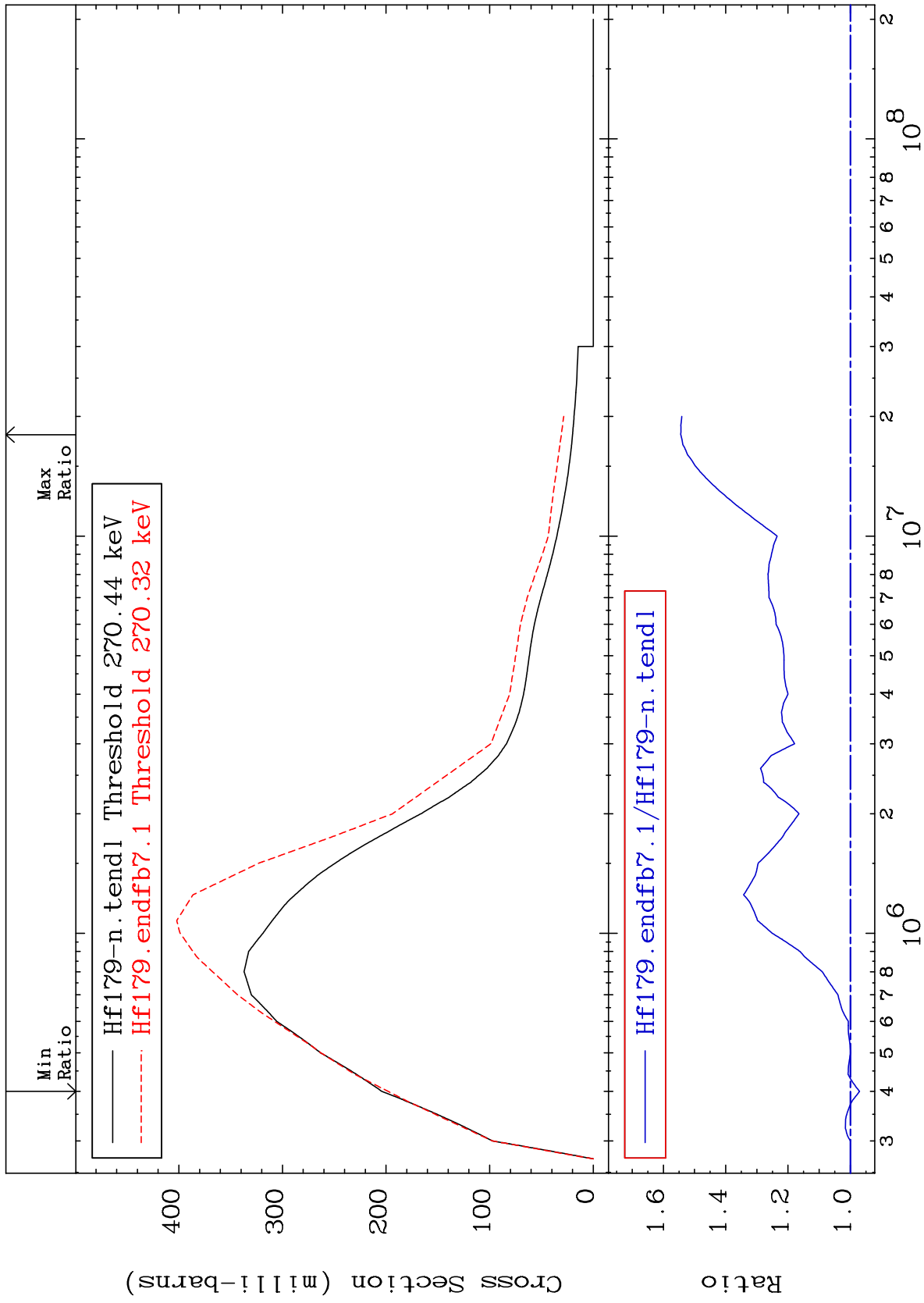
MAT 7240

214.3 keV (n,n') Level
Cross Section

72-Hf-179
-99.23 To 76.00 %



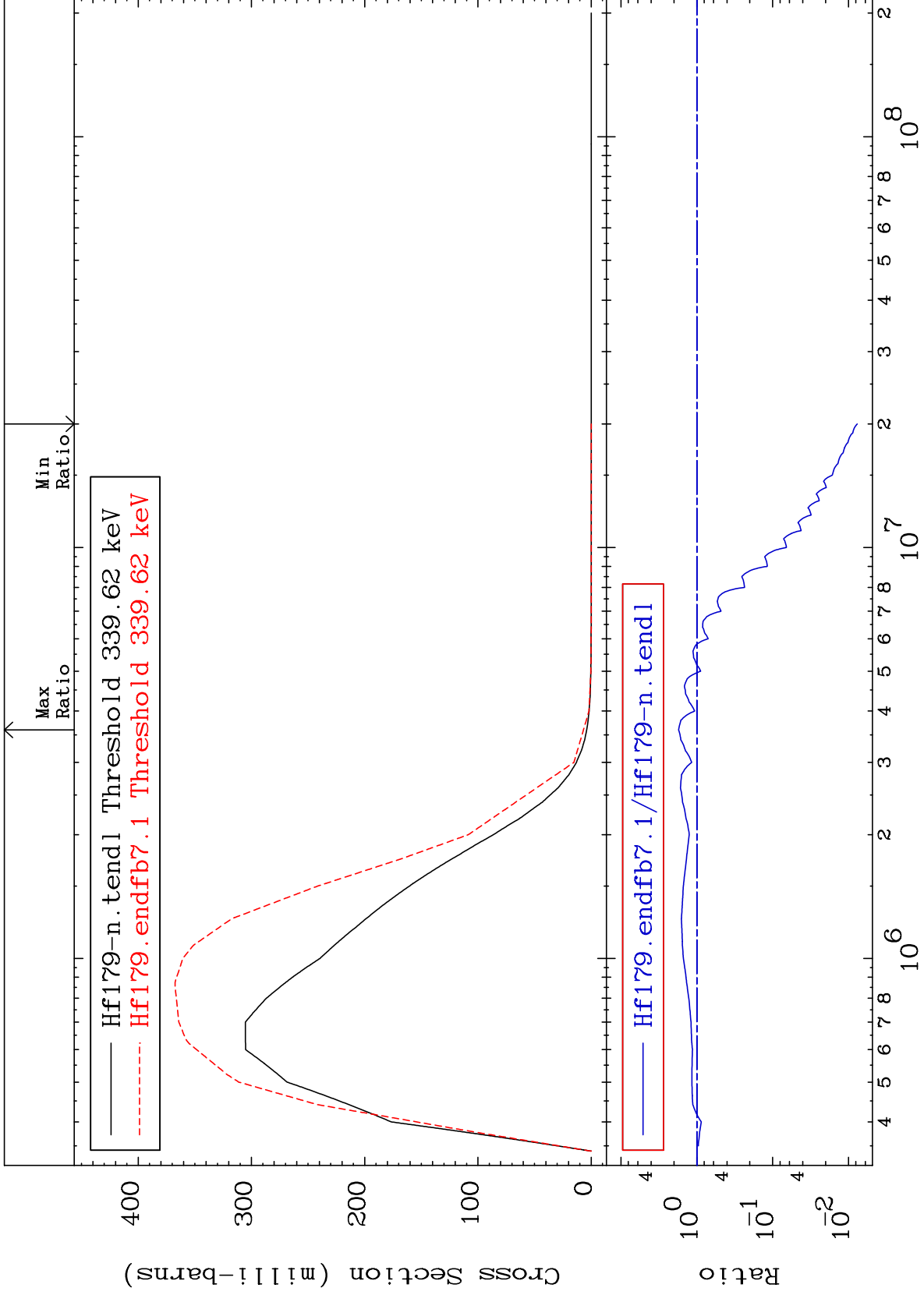
MAT 7240 72-Hf-179
 268.9 keV (n,n') Level -2.960 To 54.42 %
 Cross Section



MAT 7240

337.7 keV (n,n') Level
Cross Section

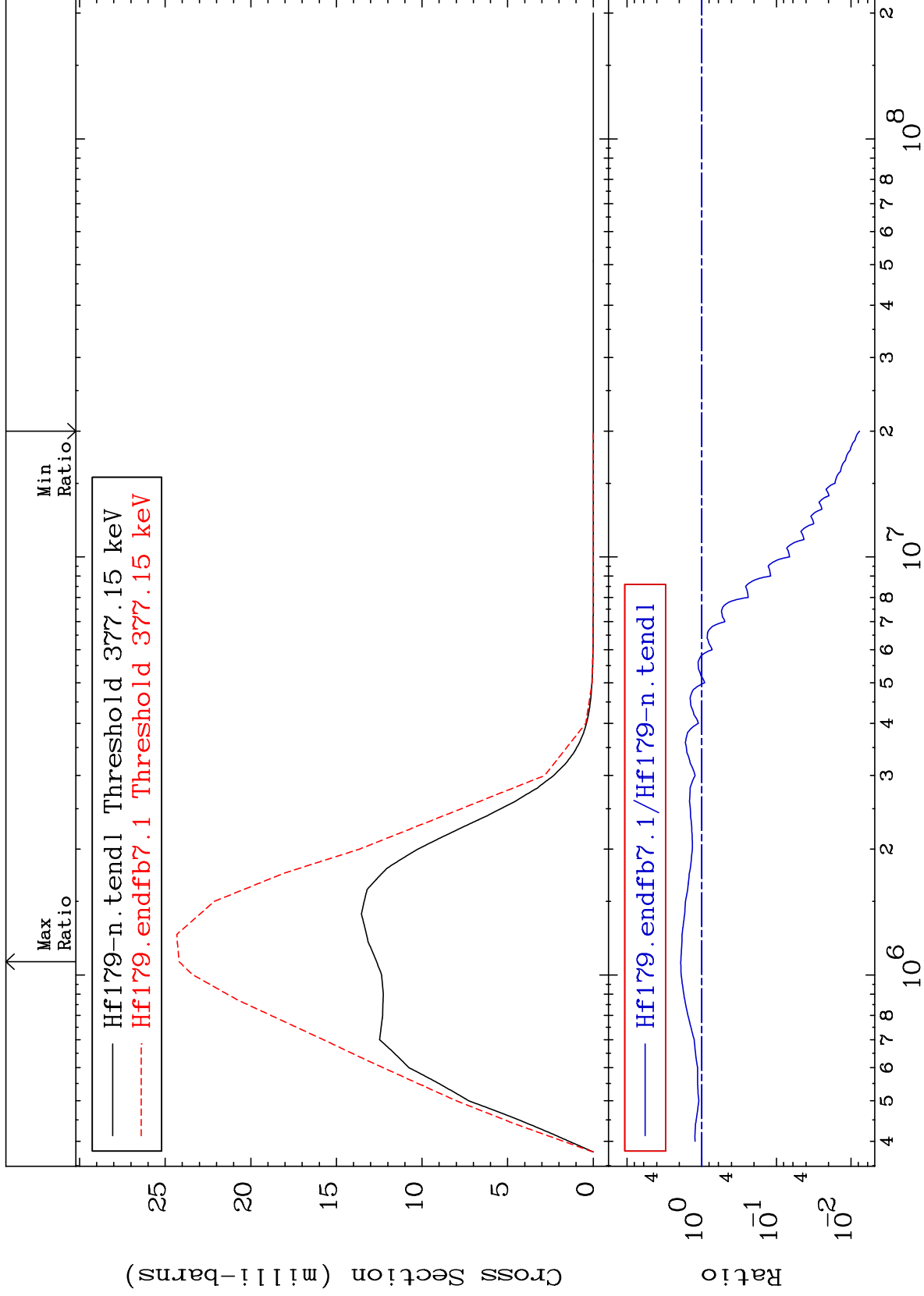
72-Hf-179
-99.23 To 73.60 %



MAT 7240

375.0 keV (n,n') Level
Cross Section

72-Hf-179
-99.23 To 91.10 %



10

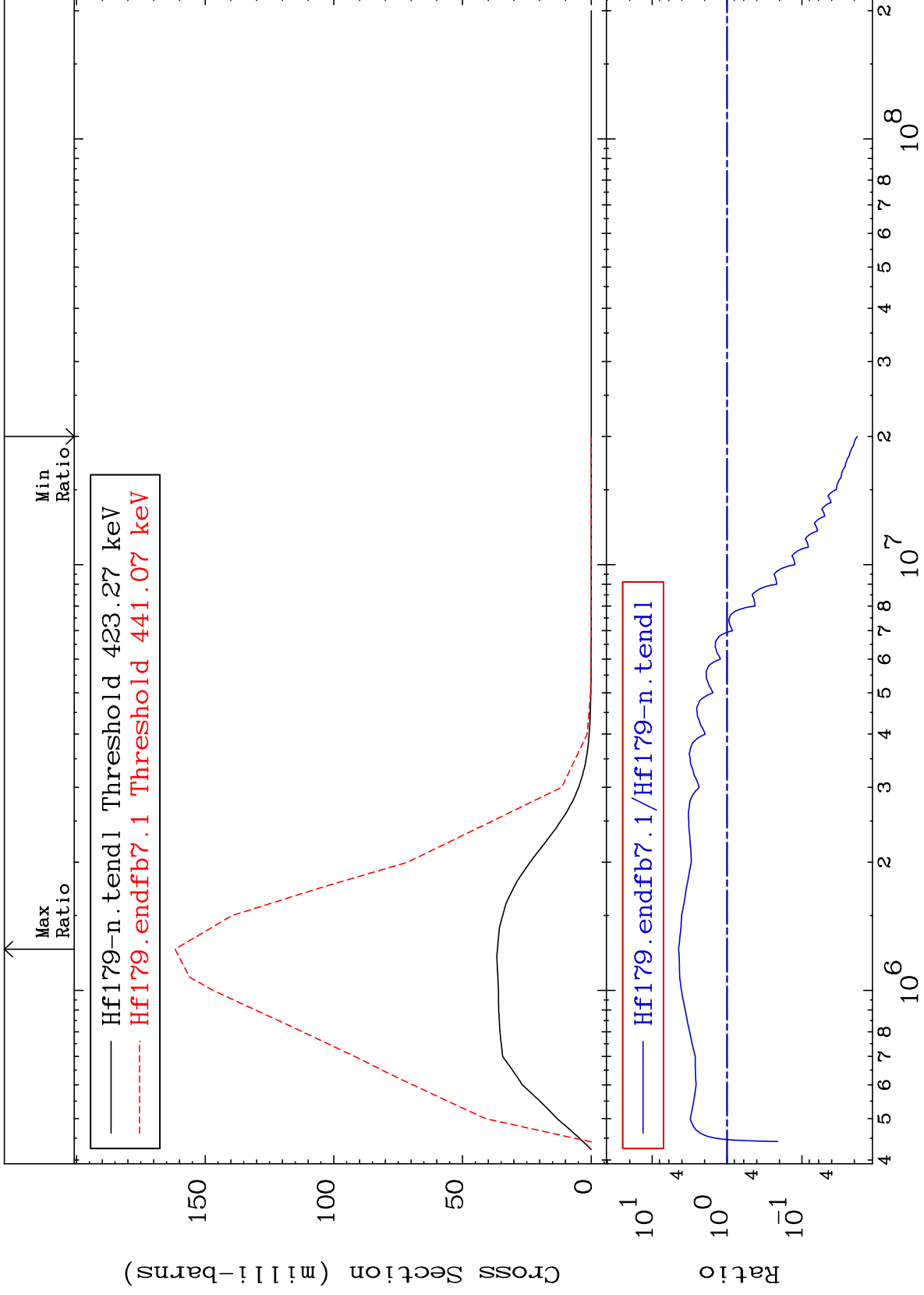
Incident Energy (eV)

72-Hf-179

MAT 7240

420.9 keV (n,n') Level
Cross Section

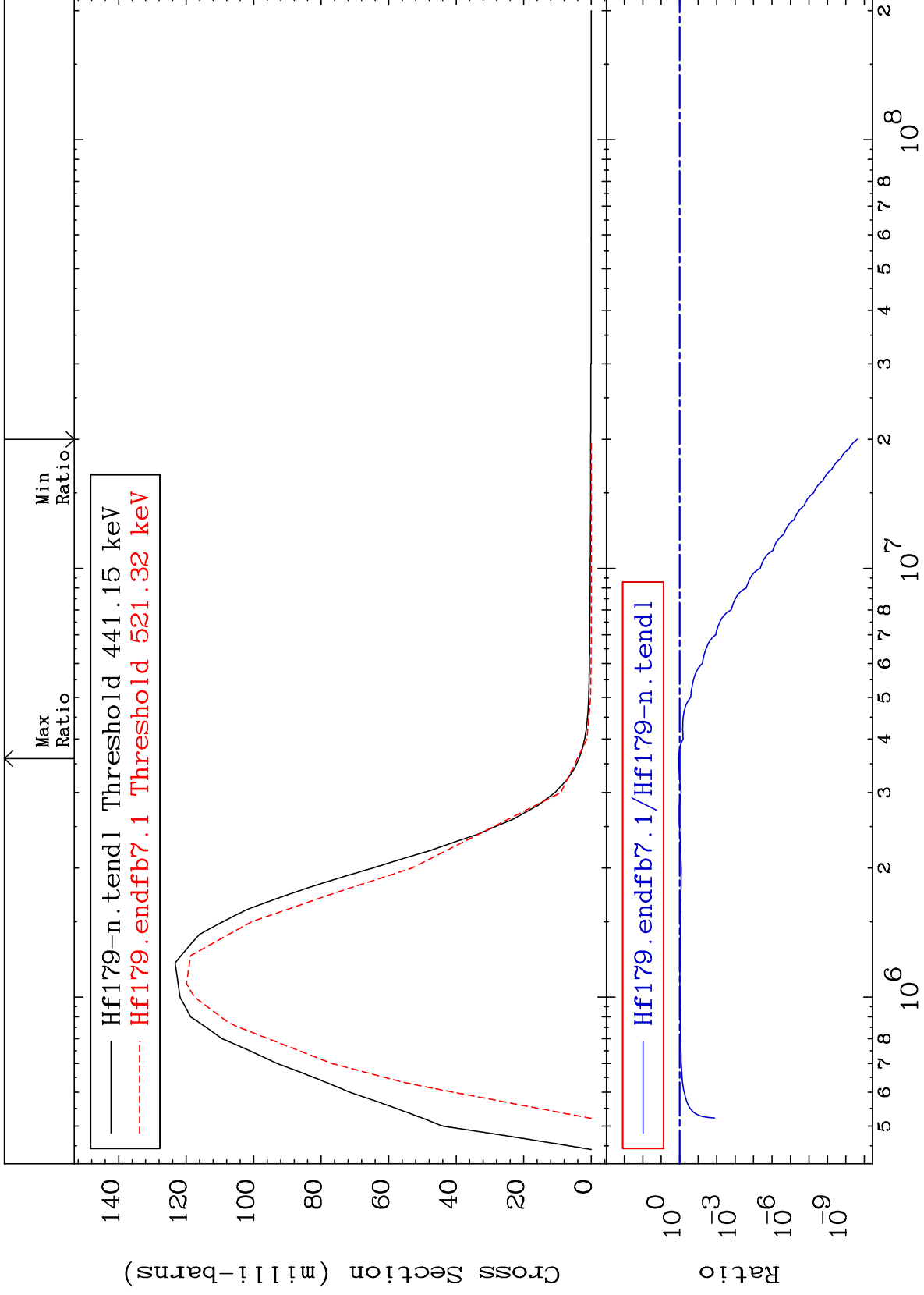
⁷²Hf-179
-98.17 To 343.8 %



MAT 7240

438.7 keV (n,n') Level
Cross Section

72-Hf-179
-100.0 To 13.87 %



12

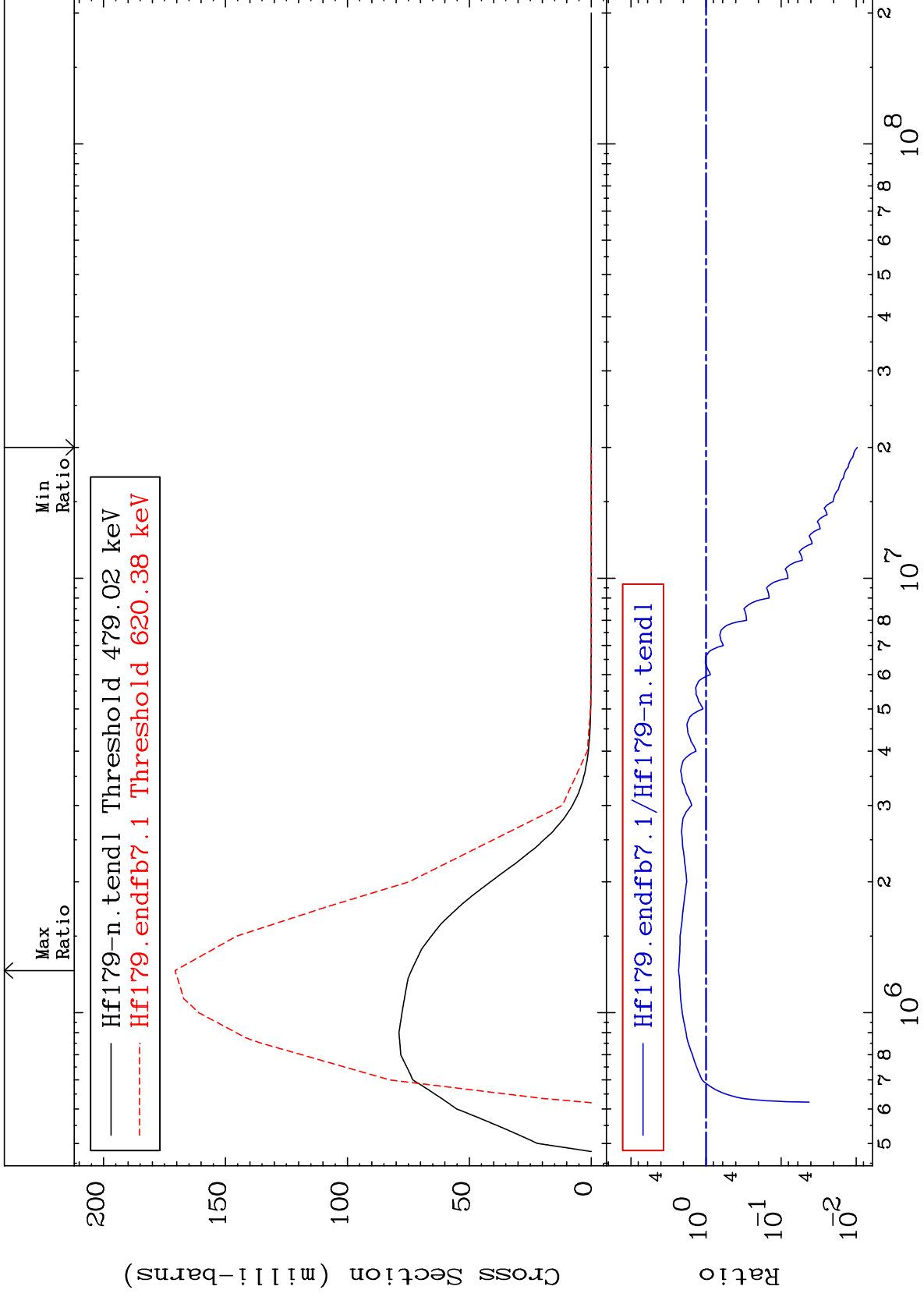
Incident Energy (eV)

72-Hf-179

MAT 7240

476.3 keV (n,n') Level
Cross Section

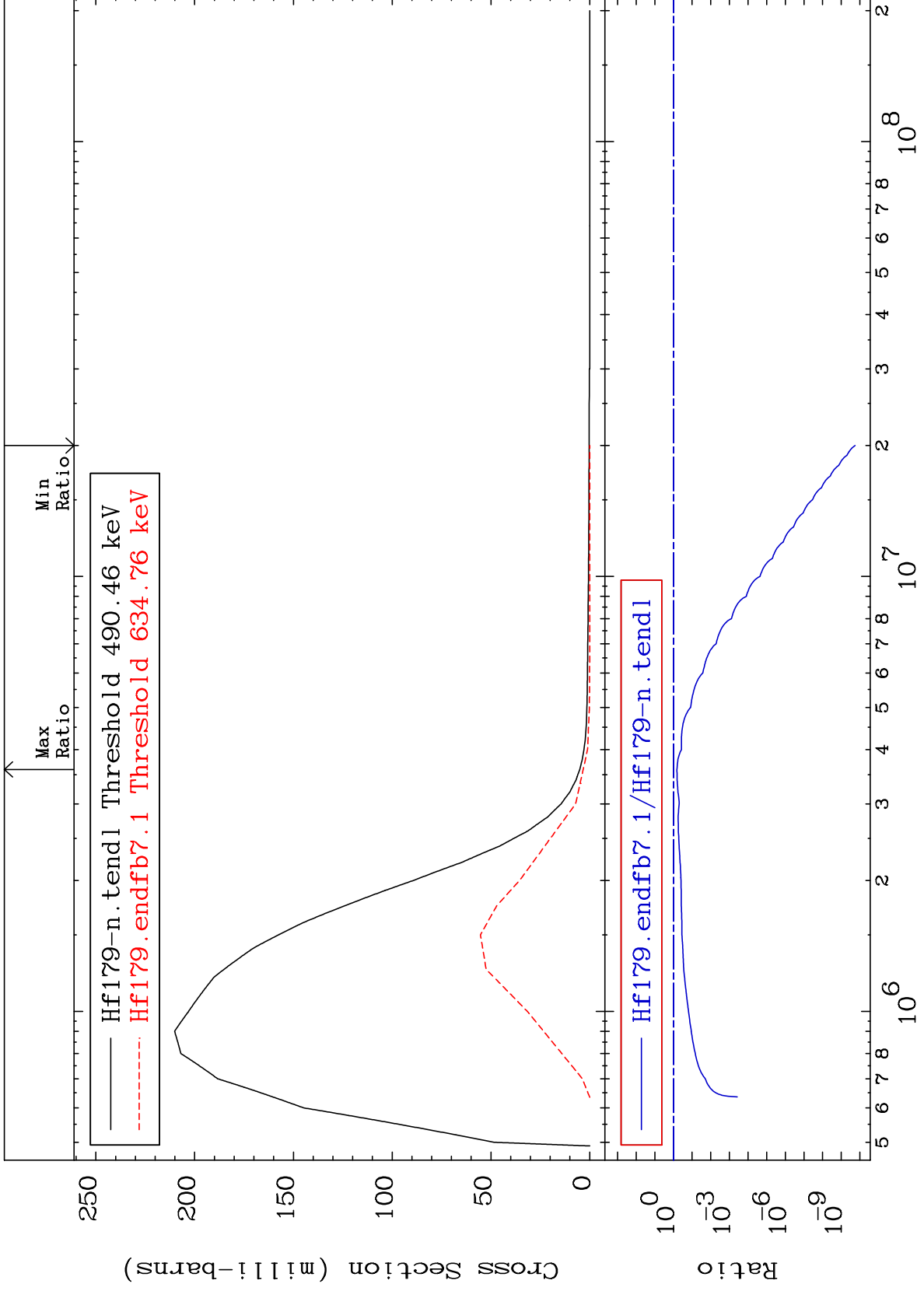
⁷²Hf-179
-99.03 To 131.6 %



MAT 7240

487.7 keV (n,n') Level
Cross Section

⁷²Hf-179
-100.0 To -34.65%



14

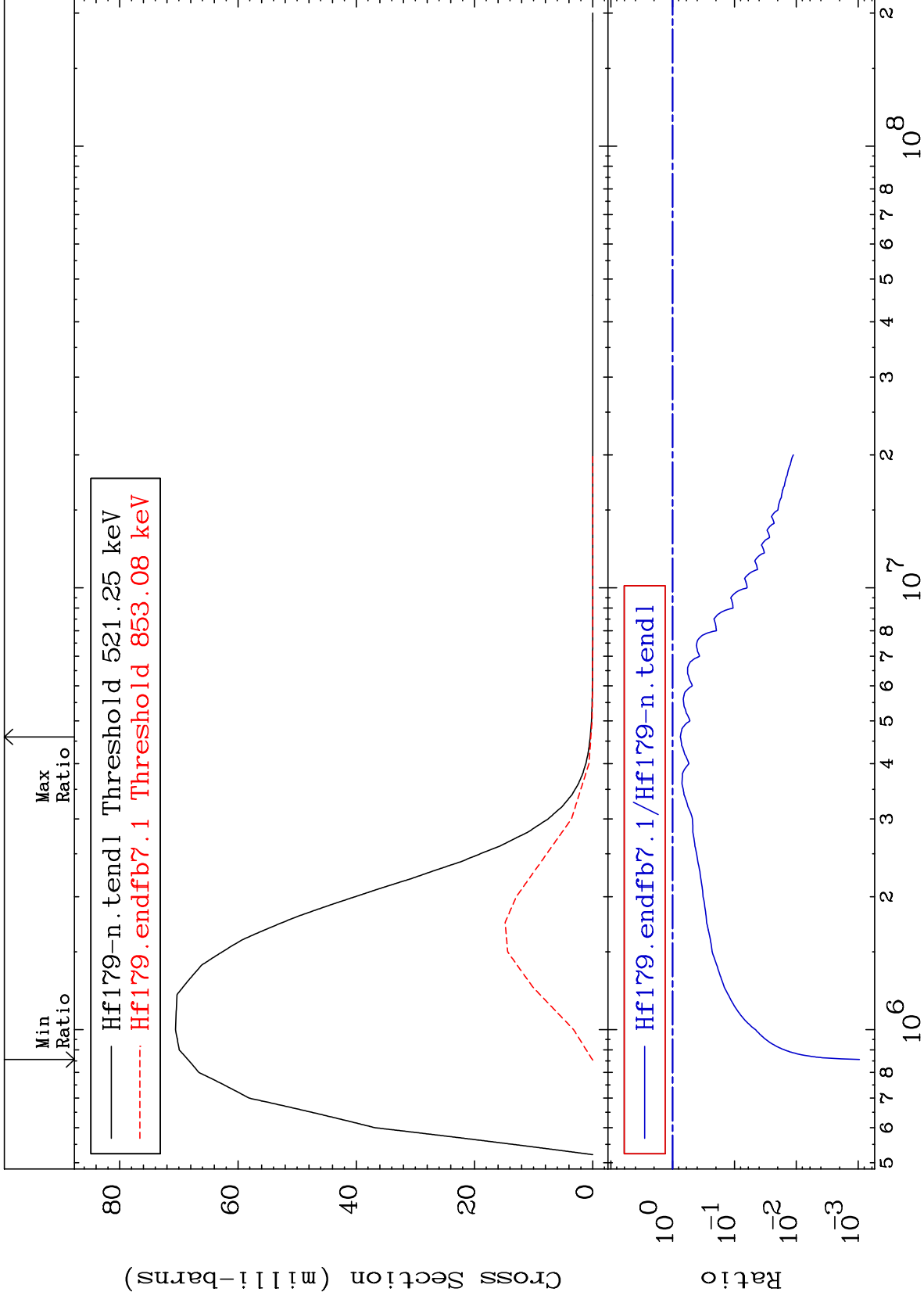
Incident Energy (eV)

⁷²Hf-179

MAT 7240

518.3 keV (n,n') Level
Cross Section

⁷²Hf-179
-99.90 To -24.97%



15

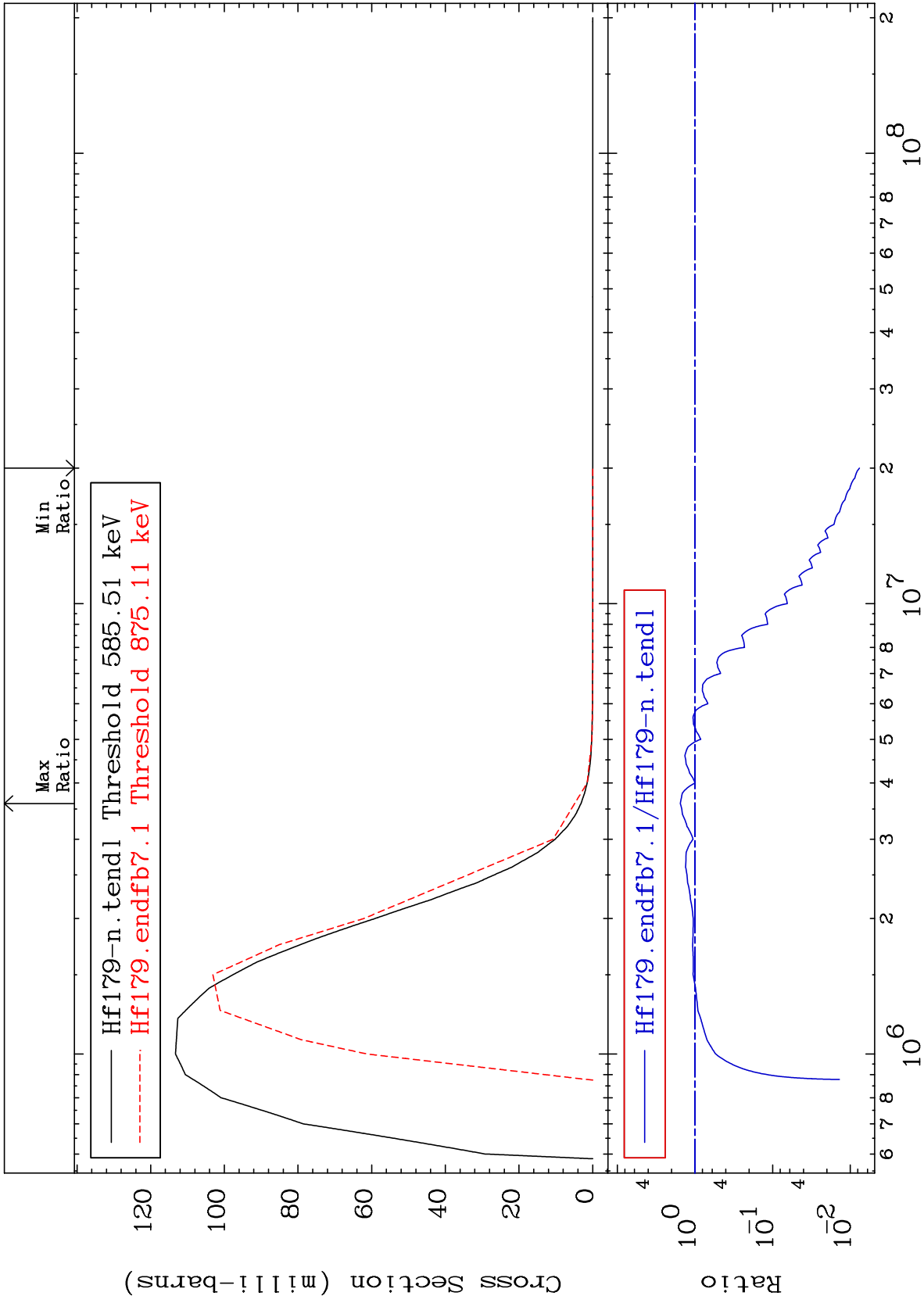
Incident Energy (eV)

⁷²Hf-179

MAT 7240

582.2 keV (n,n') Level
Cross Section

72-Hf-179
-99.24 To 53.96 %



16

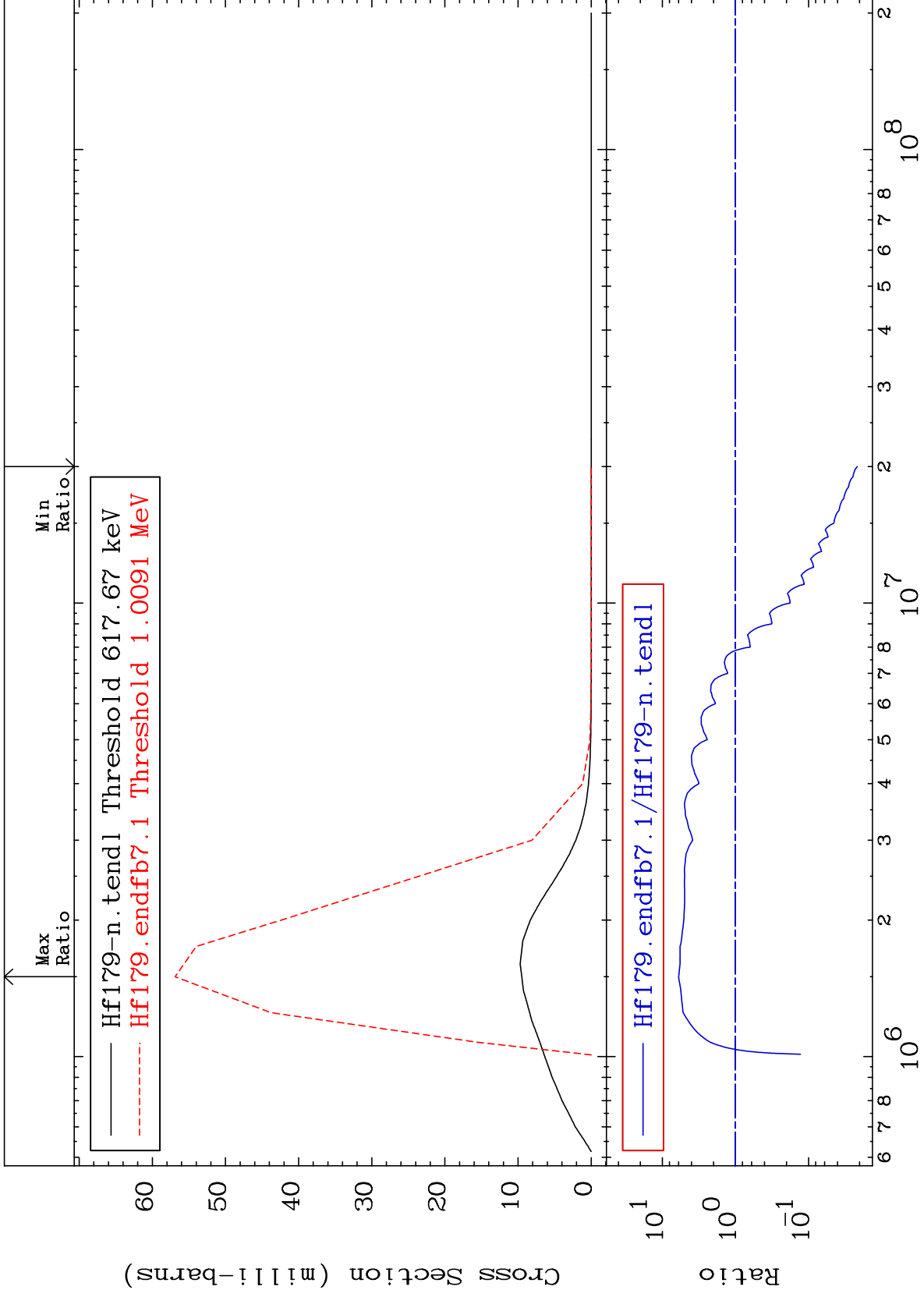
Incident Energy (eV)

72-Hf-179

MAT 7240

614.2 keV (n,n') Level
Cross Section

⁷²Hf-179
-97.85 To 499.6 %



17

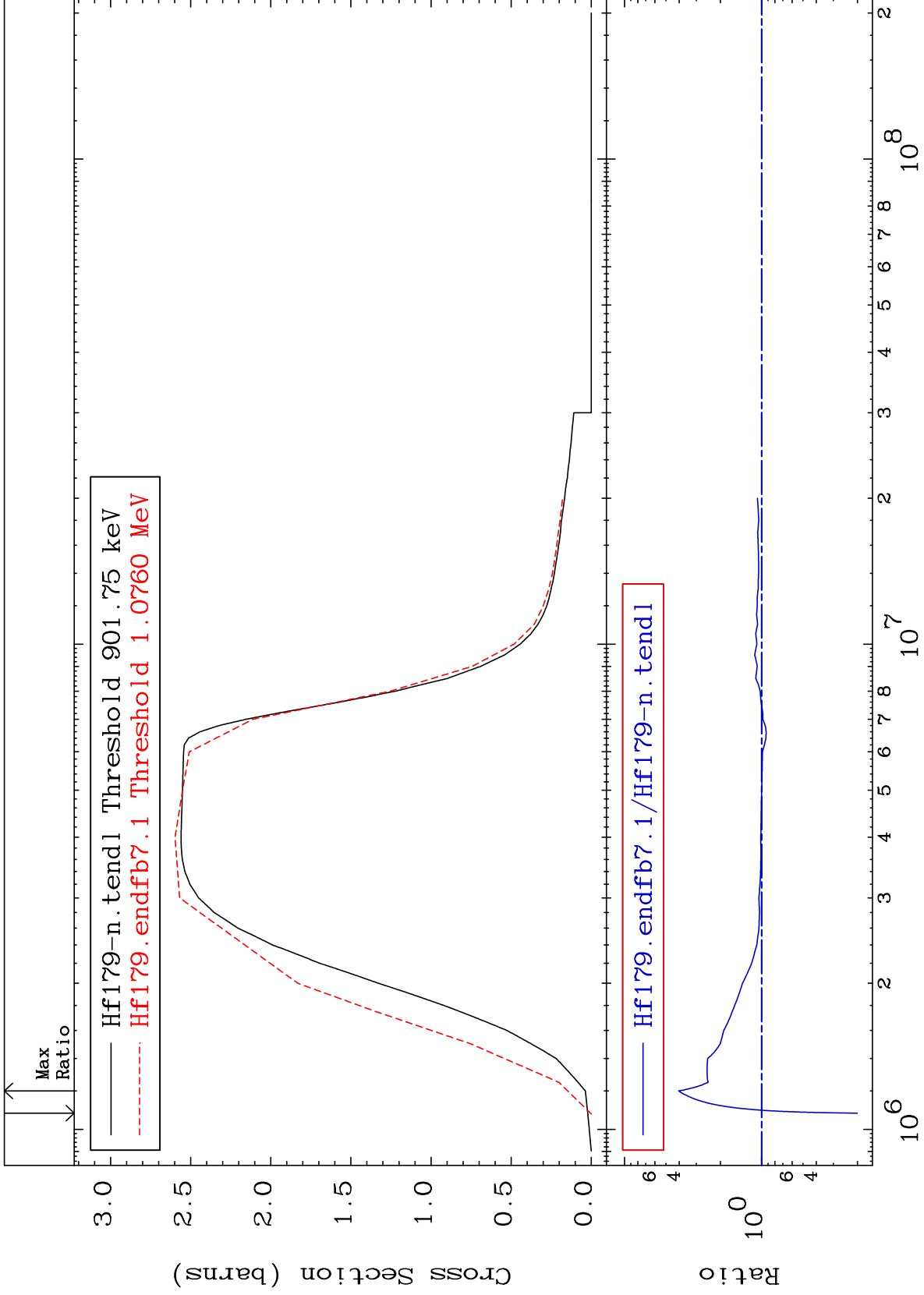
Incident Energy (eV)

⁷²Hf-179

MAT 7240

(n, n') Continuum
Cross Section

⁷²Hf-179
-79.92 To 303.2 %



18

Incident Energy (eV)

⁷²Hf-179

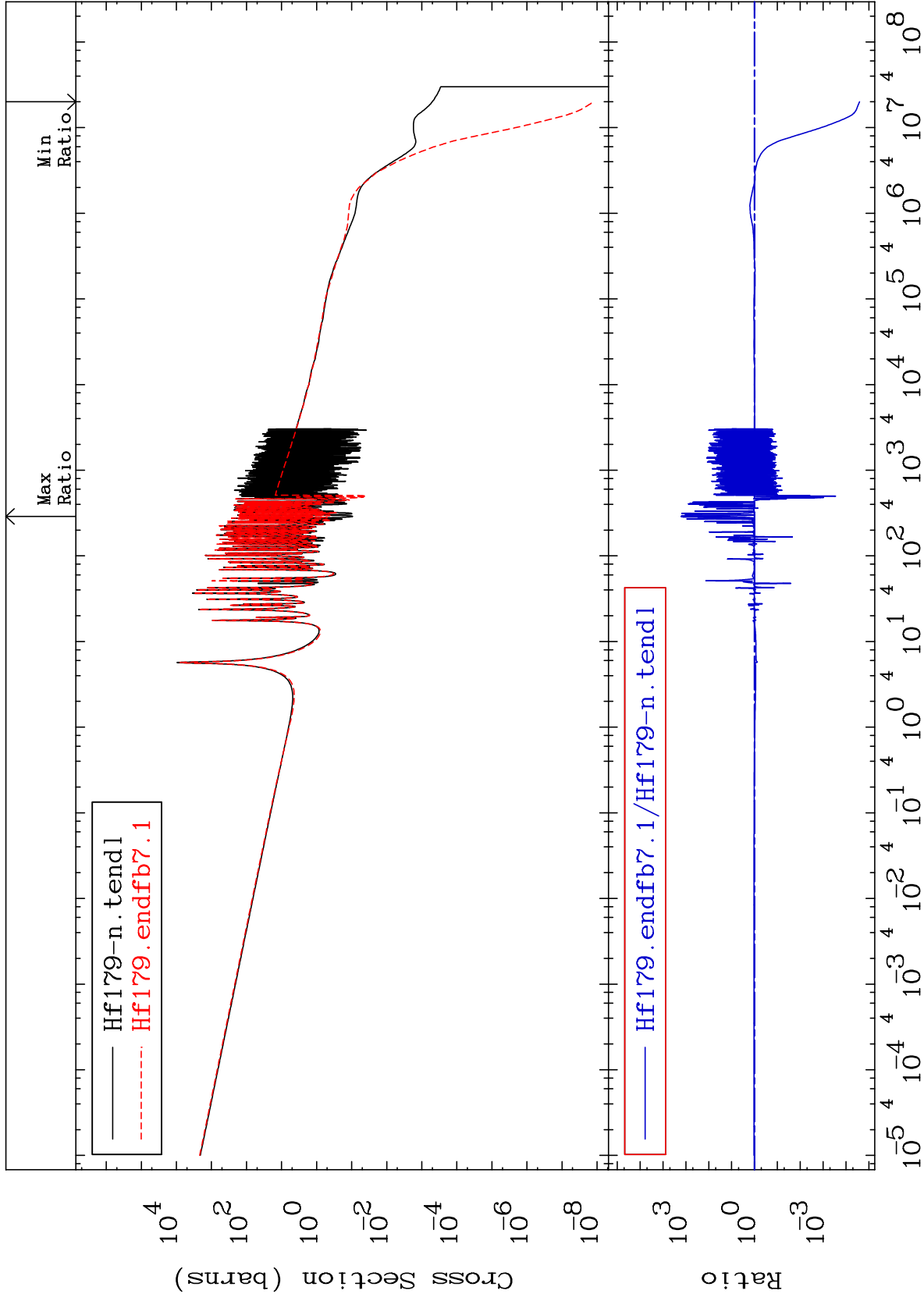
MAT 7240

(n, γ)

72-Hf-179

Cross Section

-100.0 To 9999. %



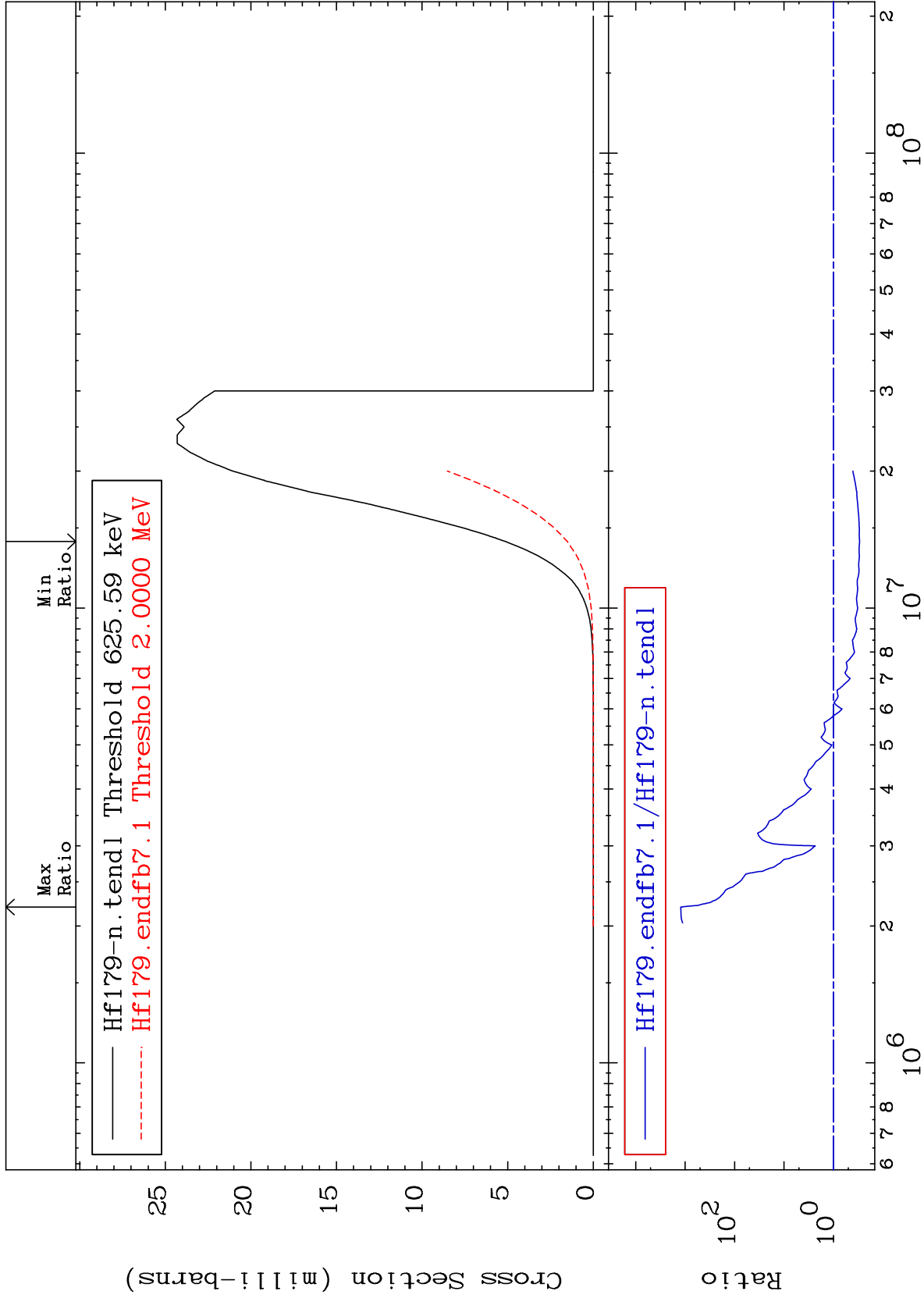
MAT 7240

(n, p)

⁷²Hf-179

Cross Section

-70.38 To 9999. %



20

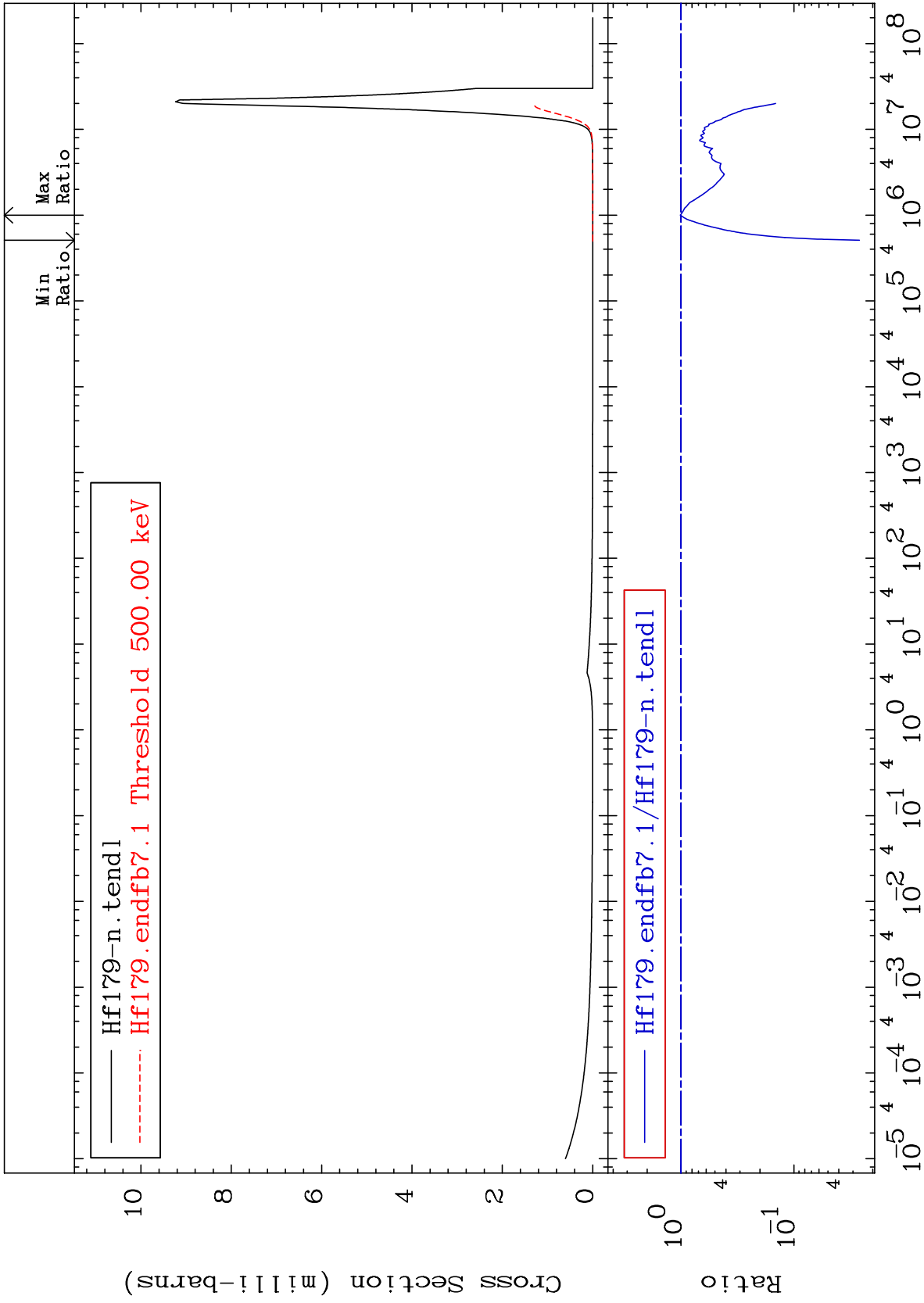
Incident Energy (eV)

⁷²Hf-179

MAT 7240

(n, α)
Cross Section

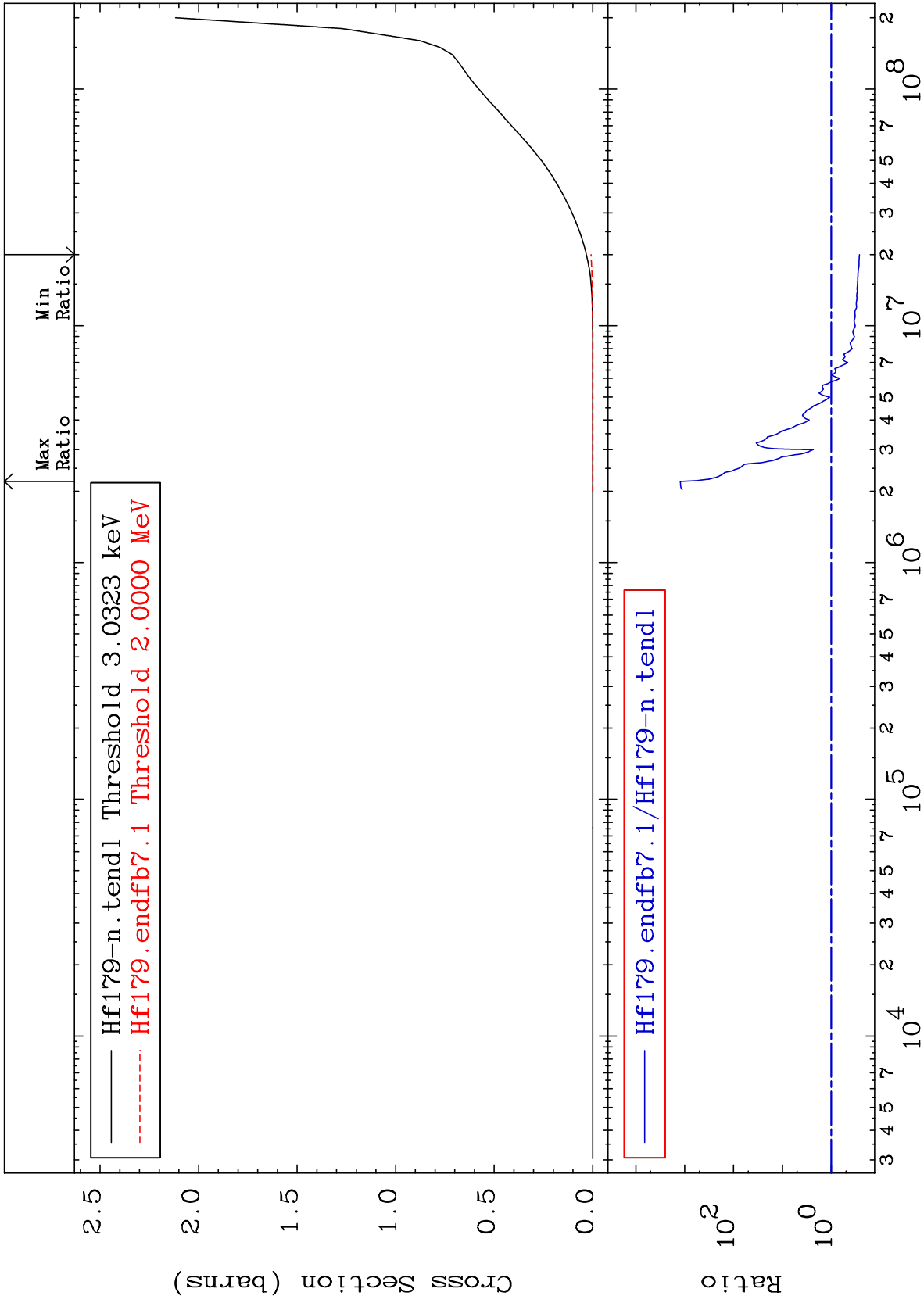
72-Hf-179
-97.37 To 1.393 %



MAT 7240

Hydrogen Production
Cross Section

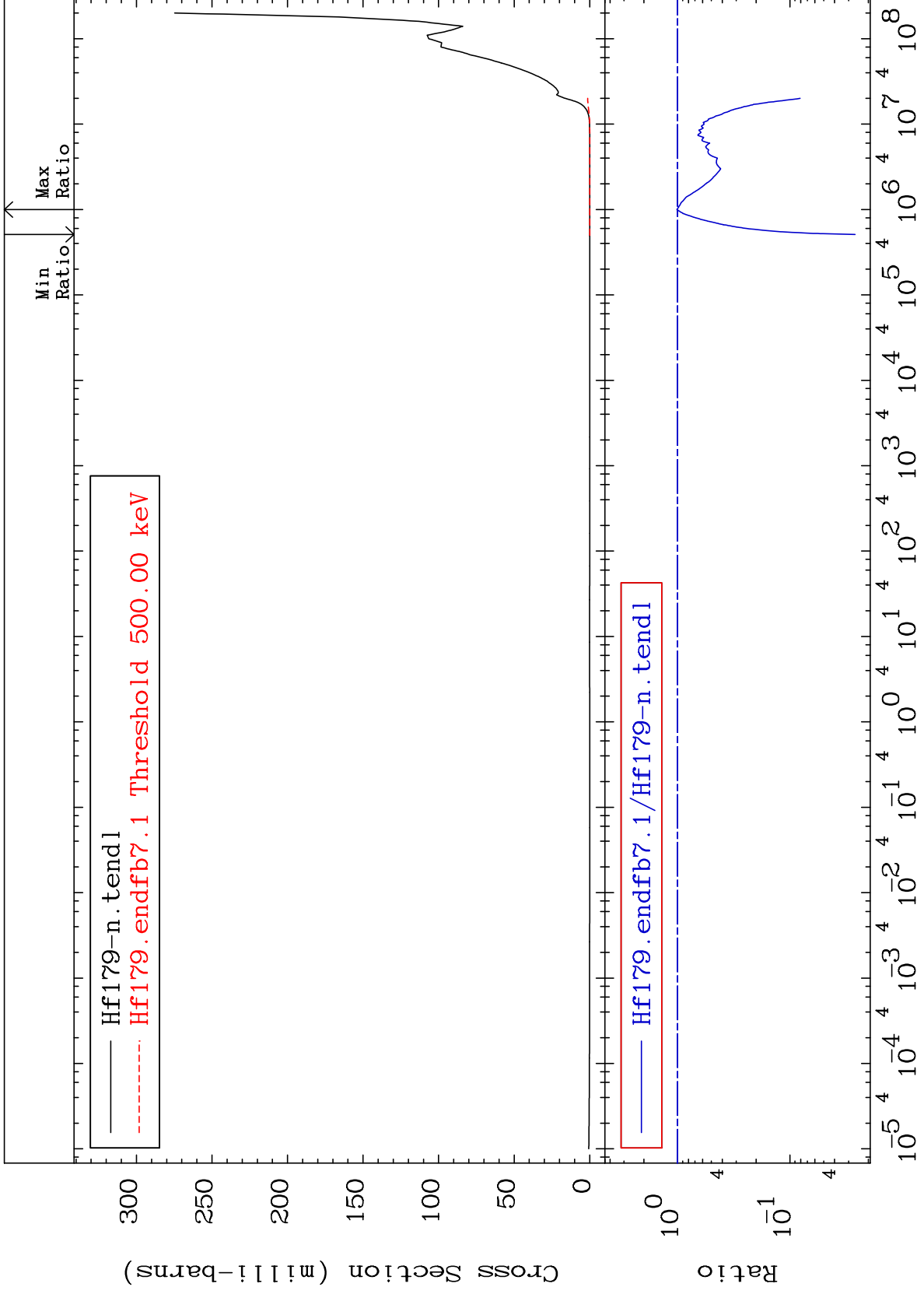
72-Hf-179
-73.48 To 9999. %

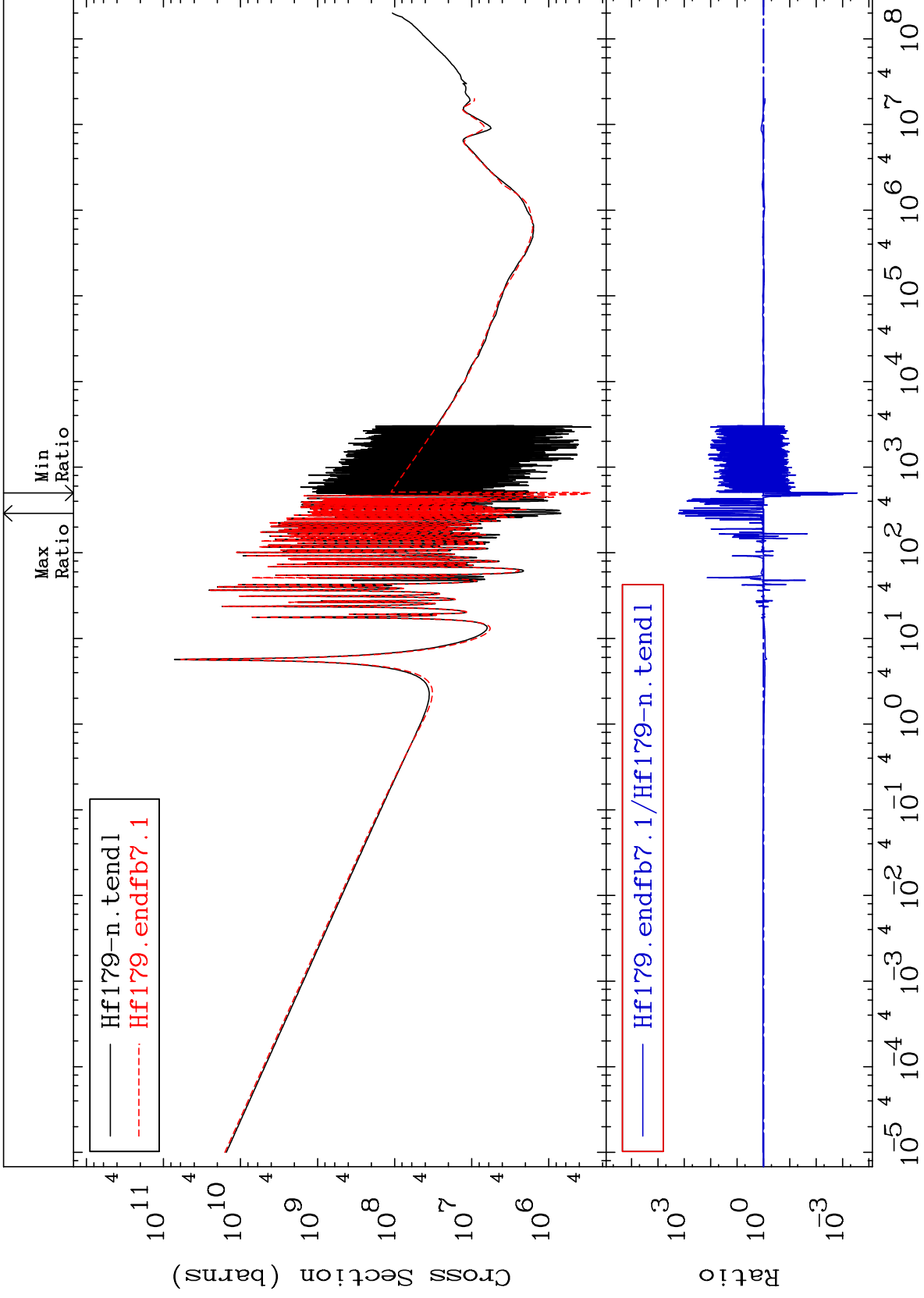


MAT 7240

He-4 Production
Cross Section

⁷²Hf-179
-97.37 To 1.393 %

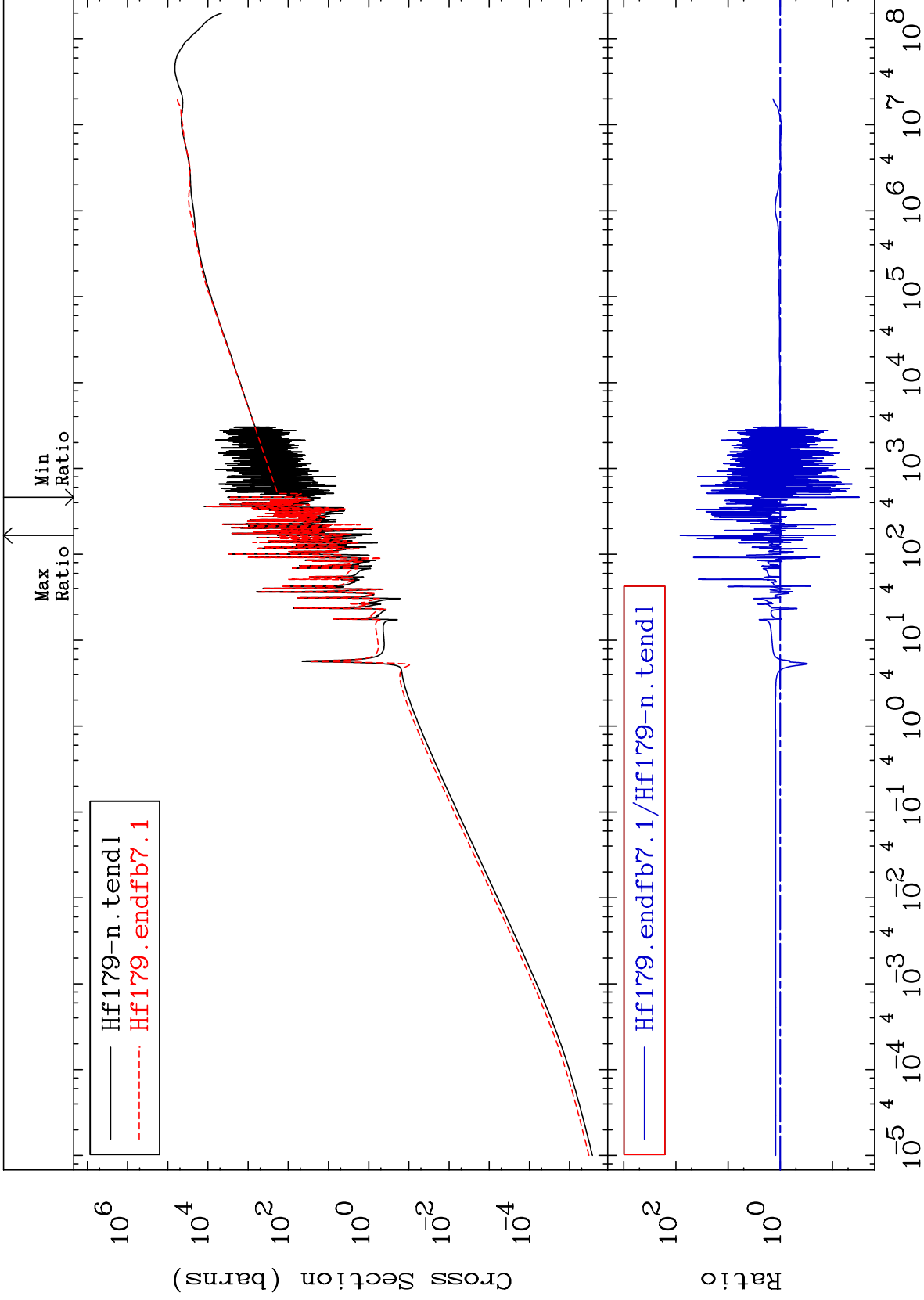


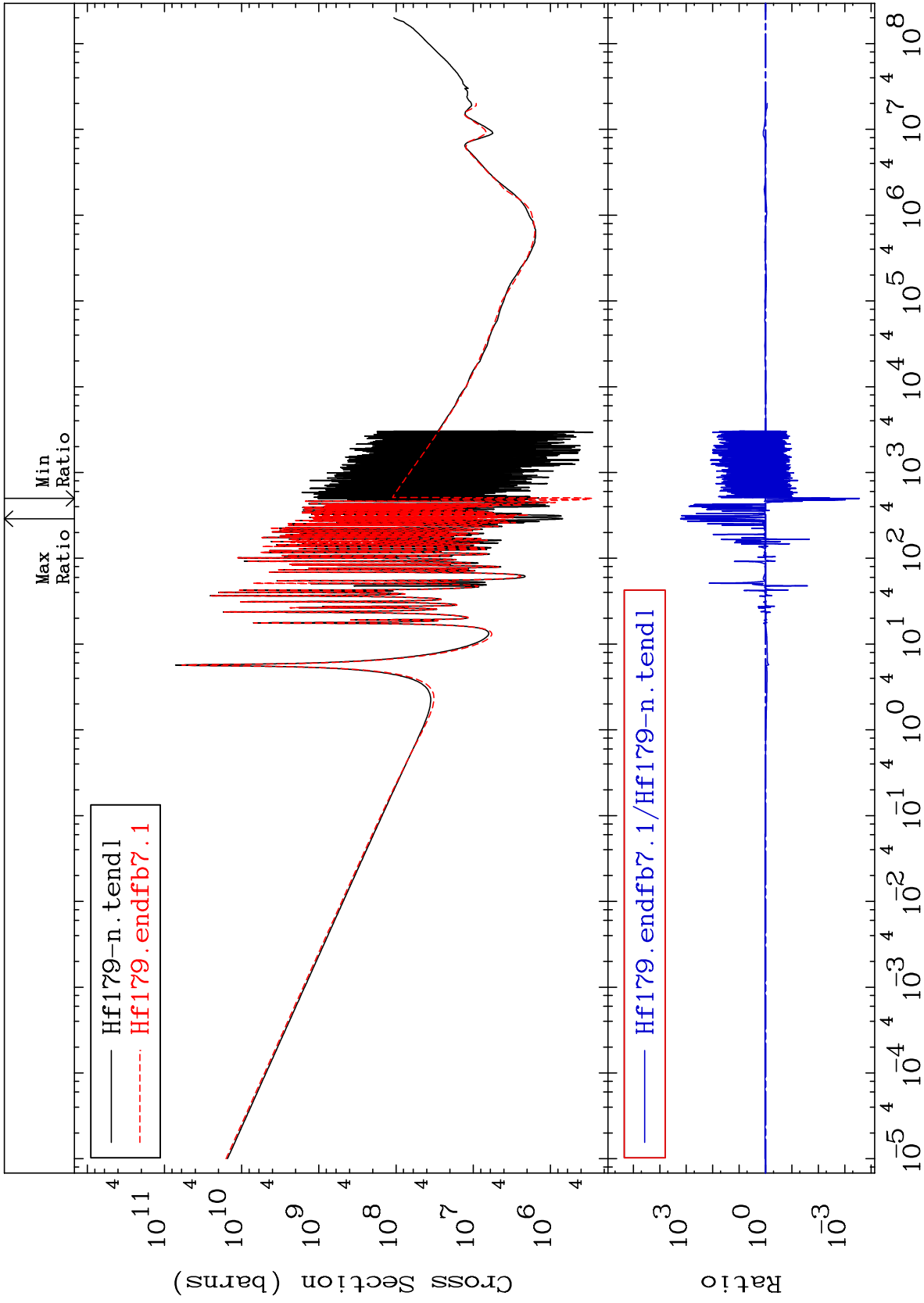


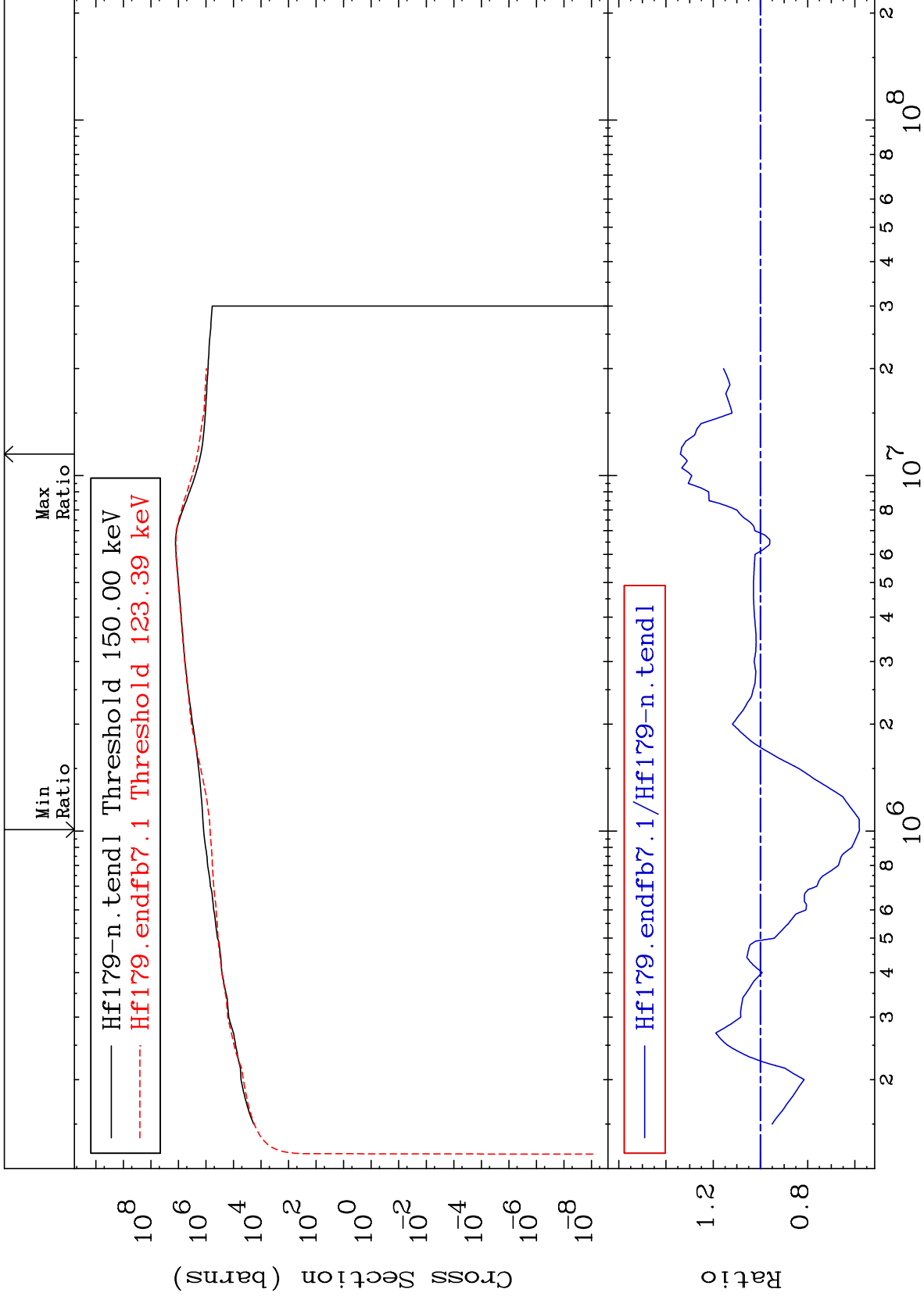
MAT 7240

Kerma elastic
Cross Section

72-Hf-179
-96.97 To 8195. %



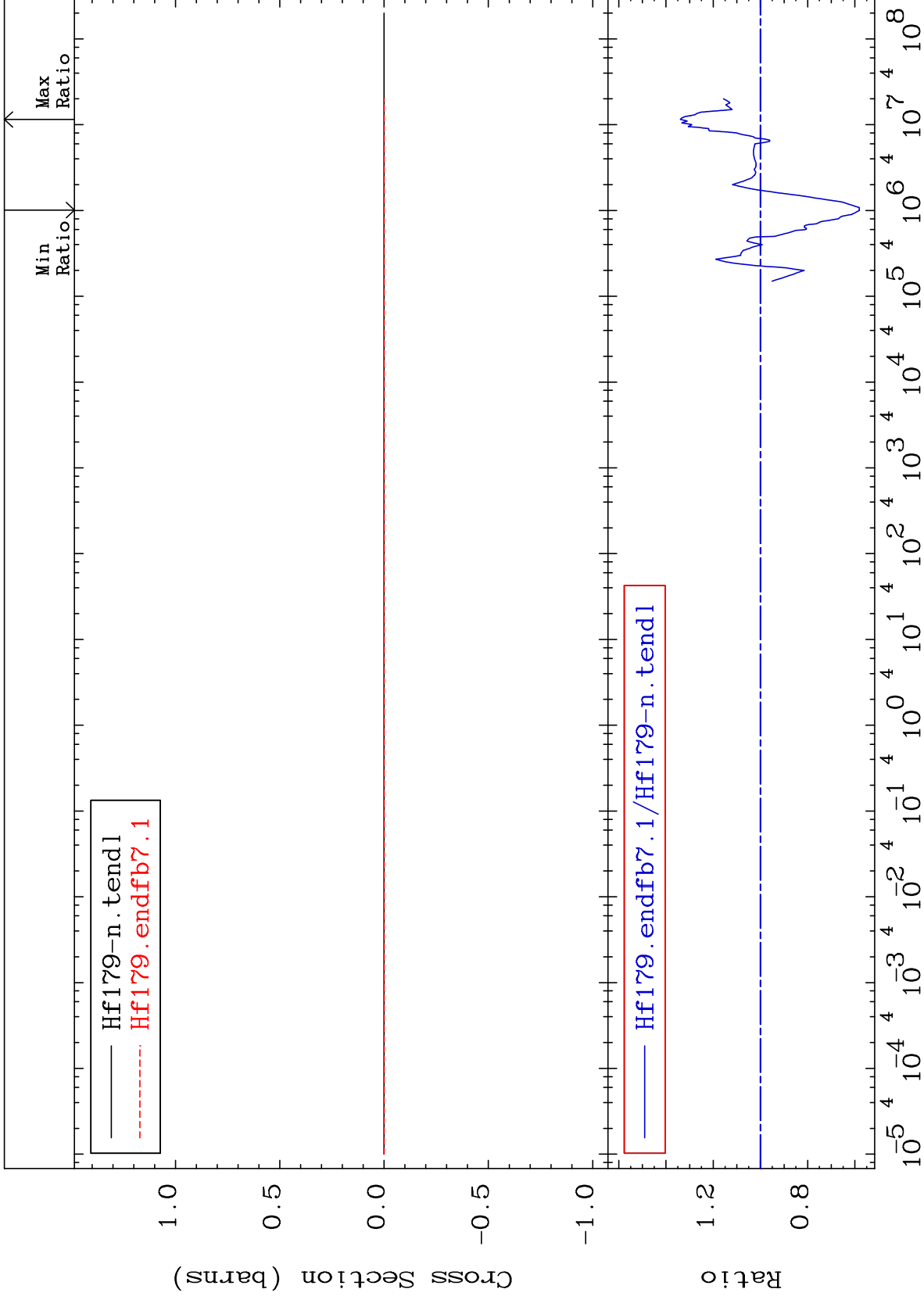




MAT 7240

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

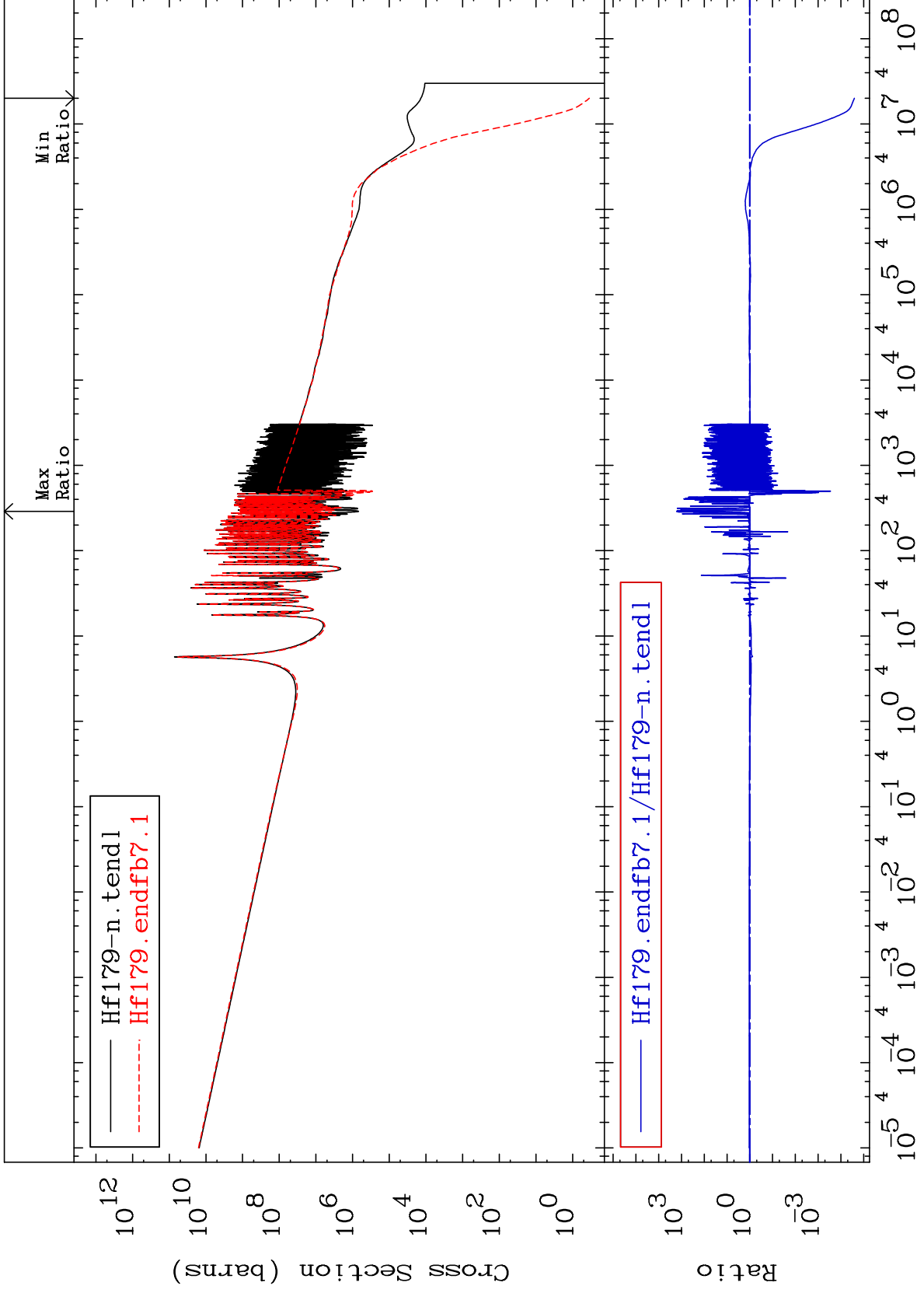
72-Hf-179
-41.92 To 33.92 %



MAT 7240

Kerma capture (mt102)
Cross Section

72-Hf-179
-100.0 To 9999. %

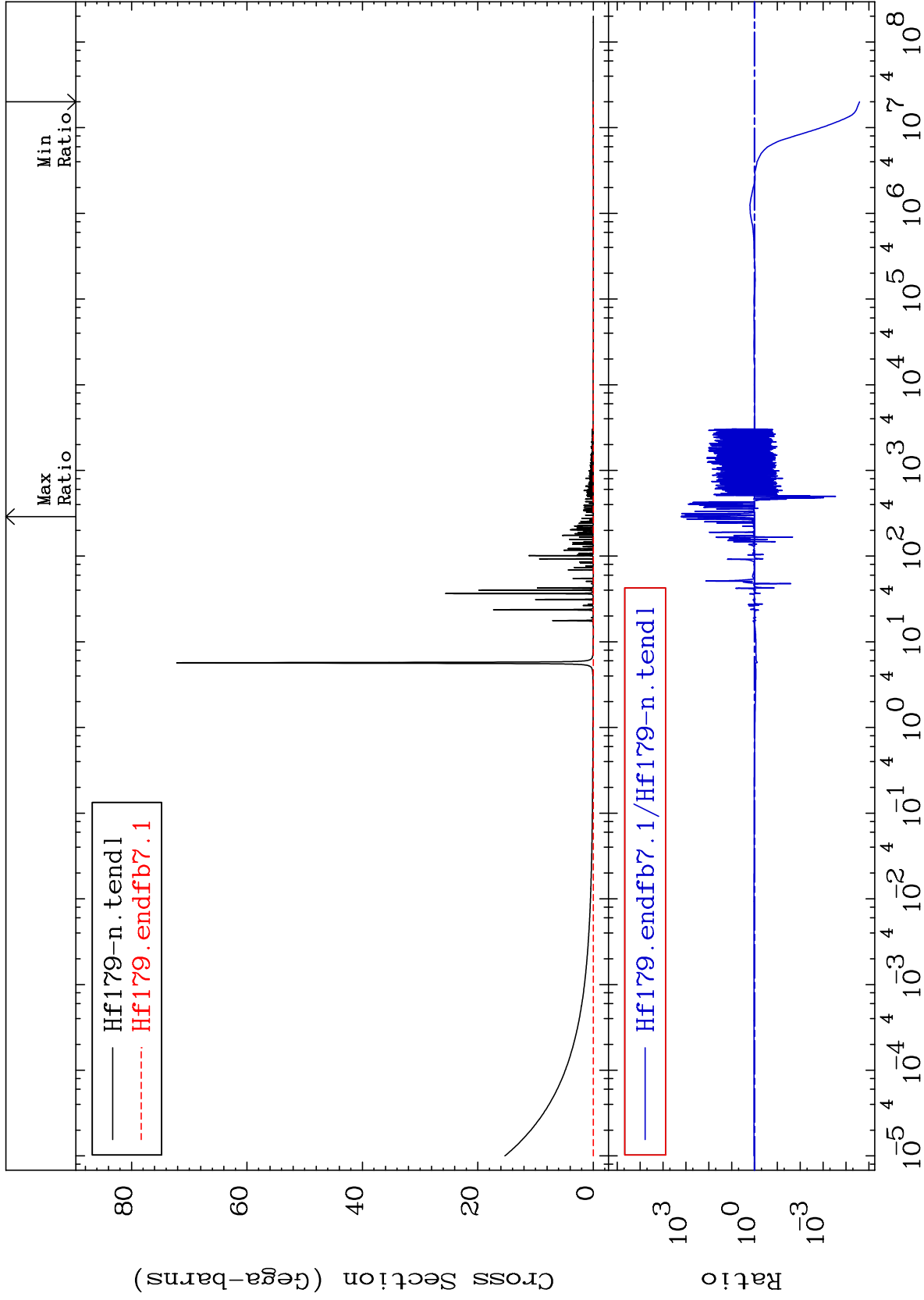


MAT 7240

Total photon (eV-barns)
Cross Section

72-Hf-179

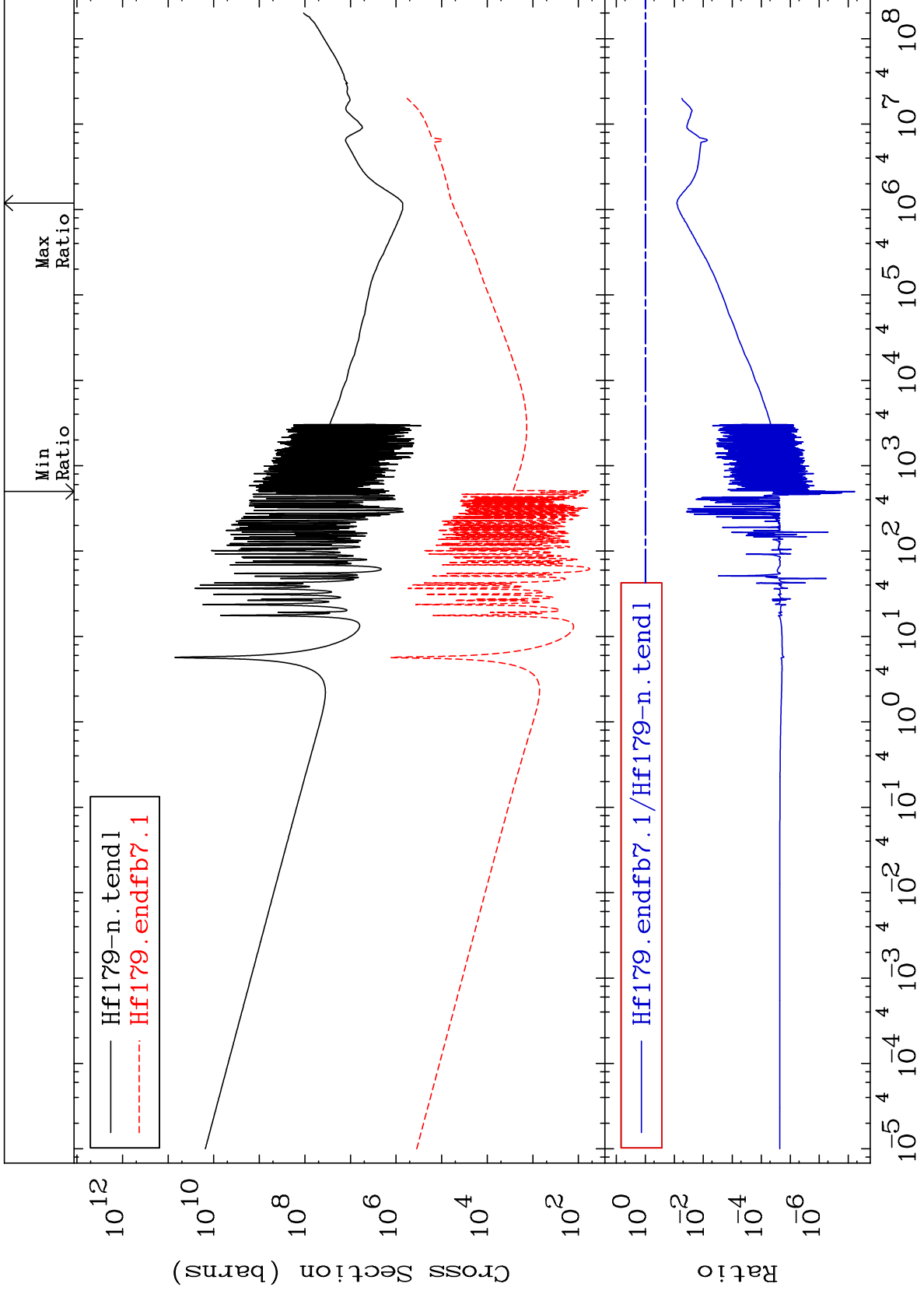
-100.0 To 9999. %



30

Incident Energy (eV)

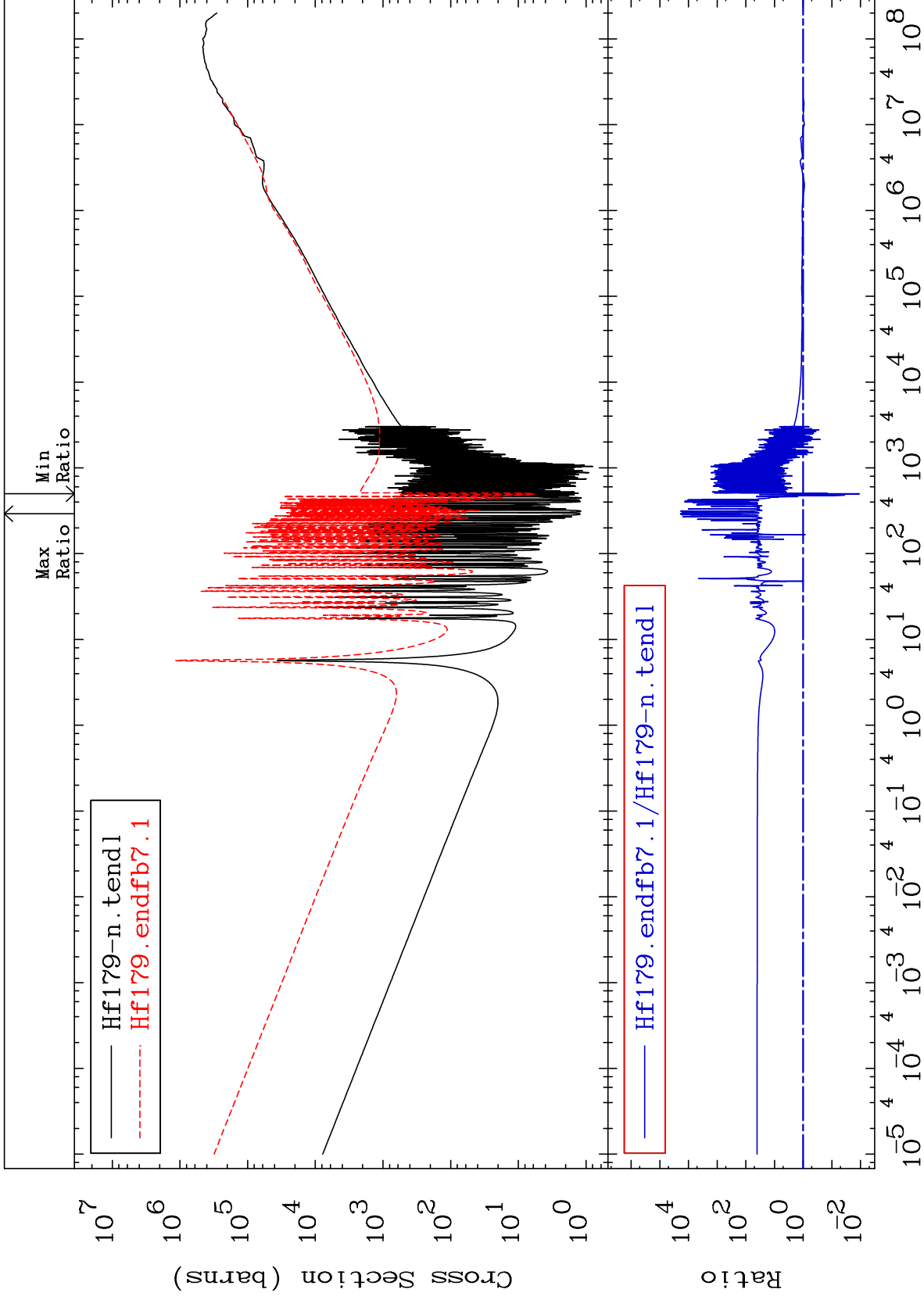
72-Hf-179



MAT 7240

Dpa total (eV-barns)
Cross Section

72-Hf-179
-98.91 To 9999. %



32

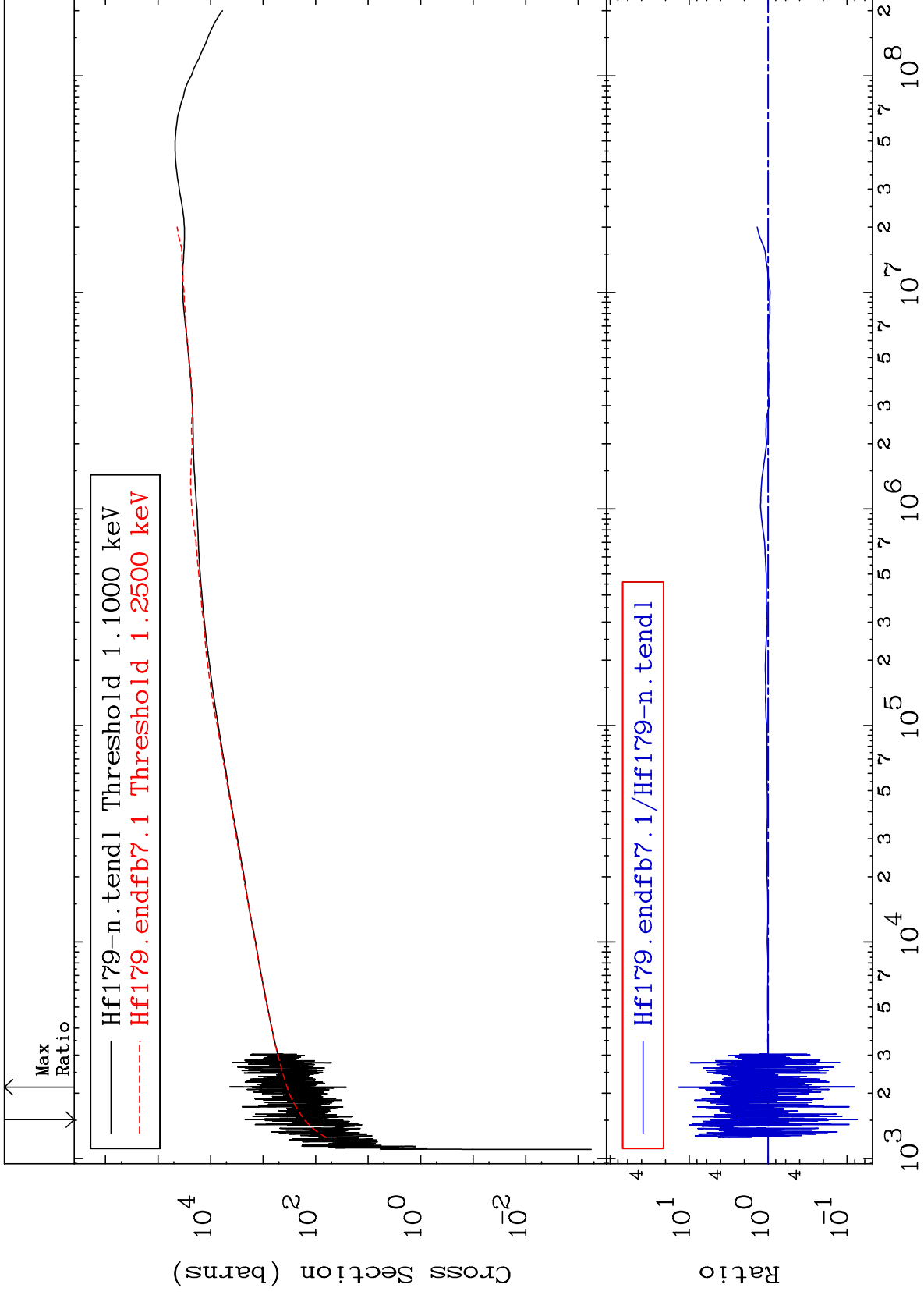
Incident Energy (eV)

72-Hf-179

MAT 7240

Dpa elastic (mt2)
Cross Section

72-Hf-179
-92.55 To 1260. %



33

Incident Energy (eV)

72-Hf-179

