

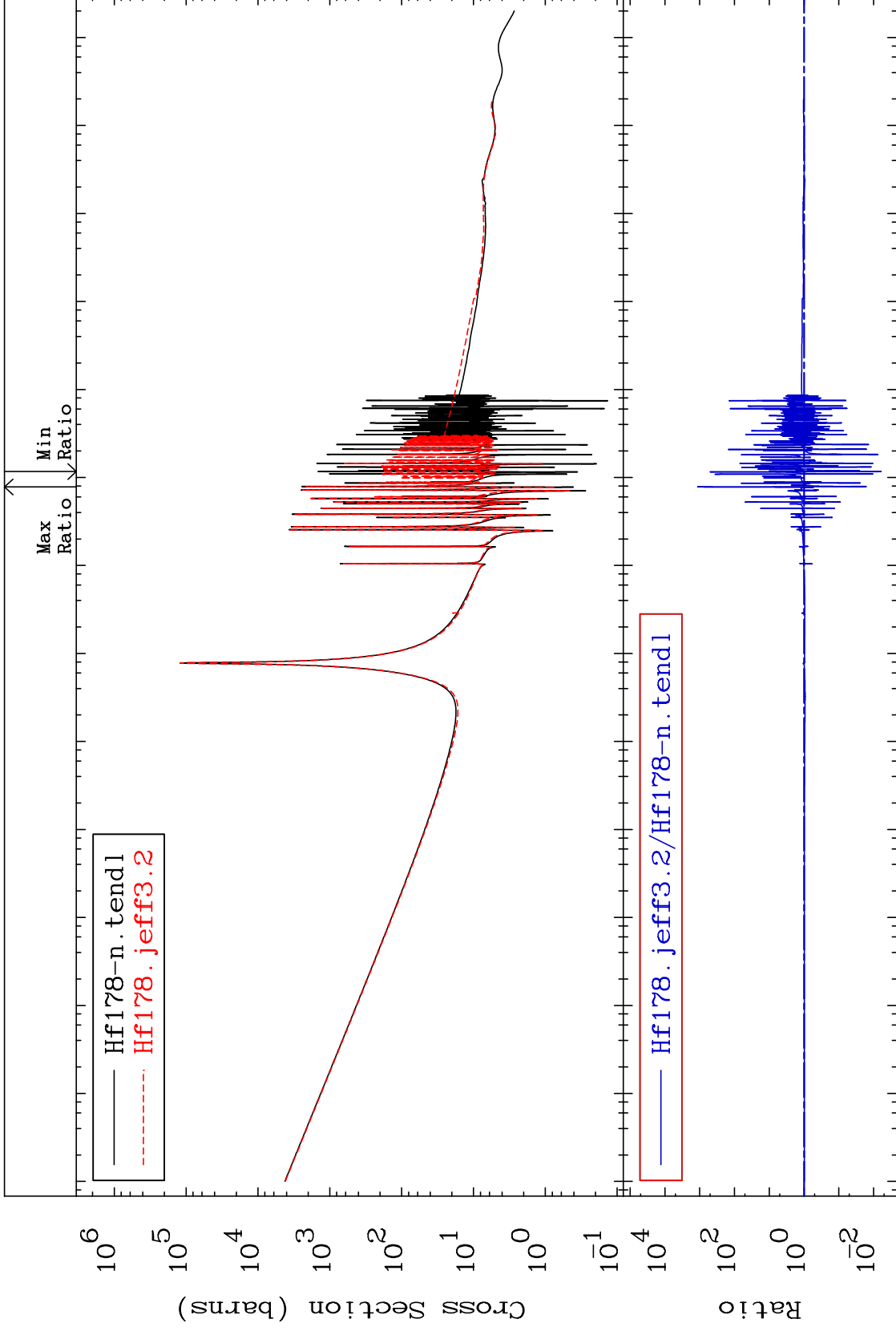
MAT 7237

Total

72-Hf-178

Cross Section

-99.39 To 9999. %



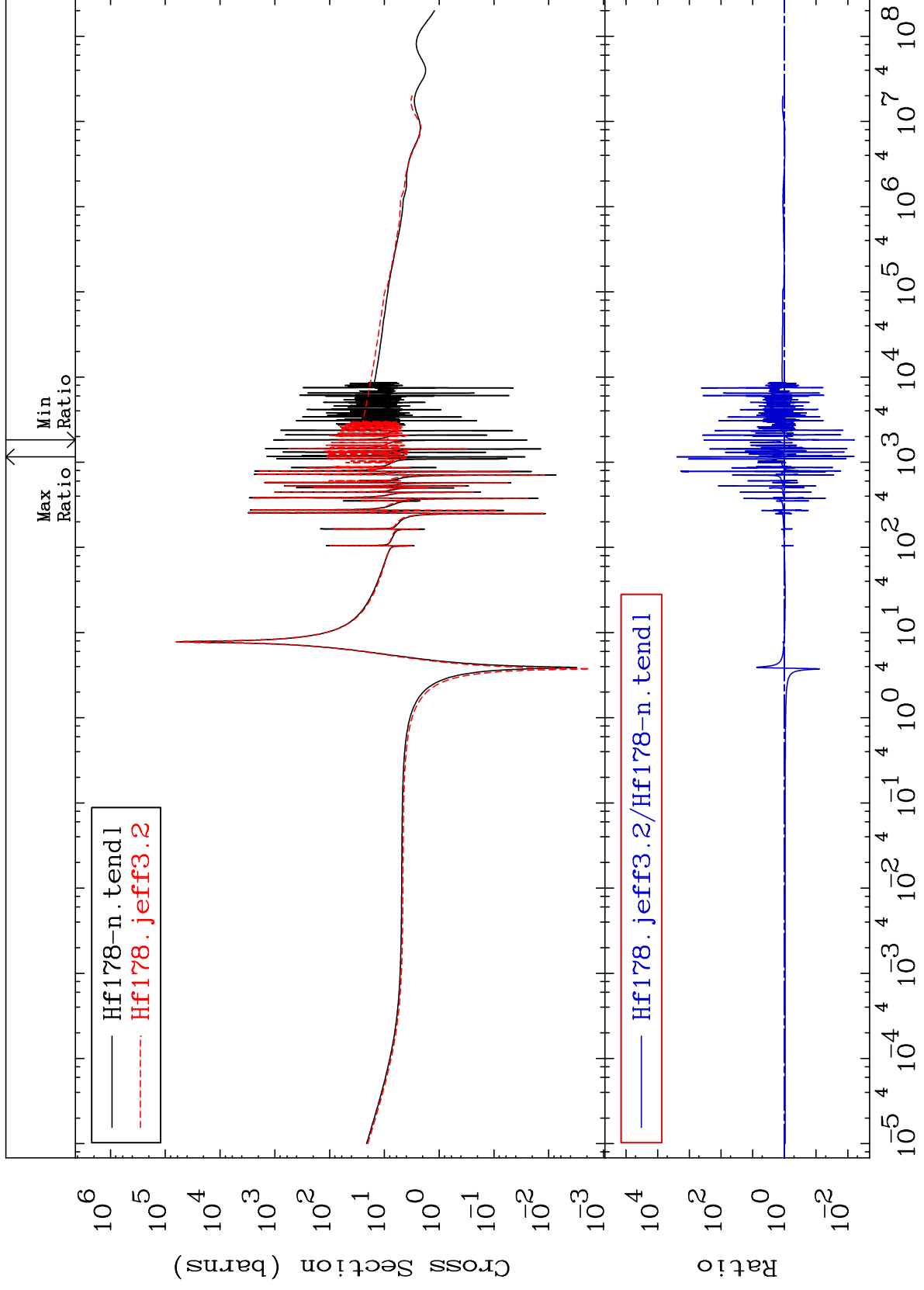
Incident Energy (eV)

72-Hf-178

MAT 7237

Elastic
Cross Section

72-Hf-178
-99.39 To 9999. %



Incident Energy (eV)

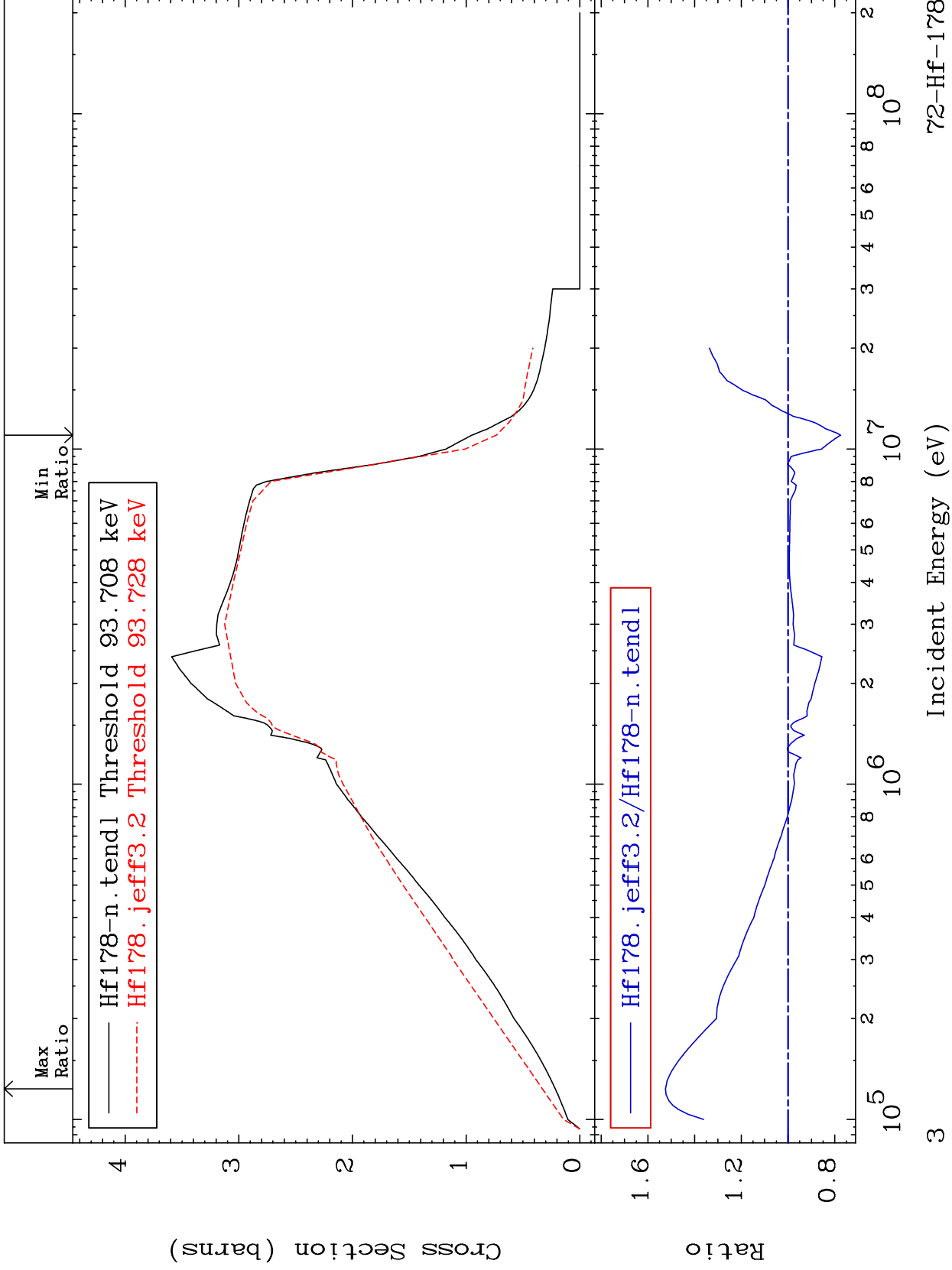
72-Hf-178

2

MAT 7237

Inelastic
Cross Section

⁷²Hf-178
-22.53 To 52.46 %



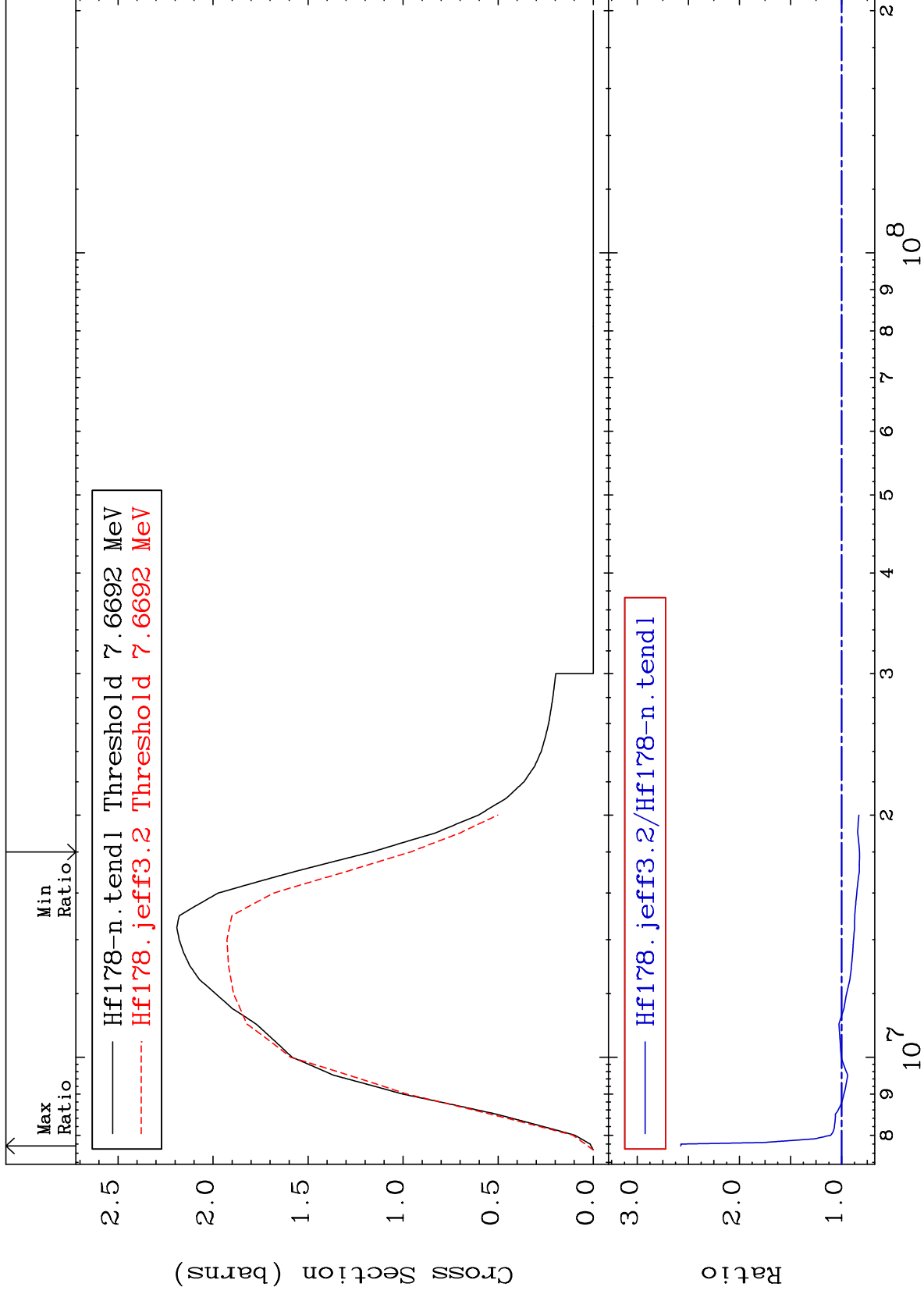
MAT 7237

(n,2n)

72-Hf-178

Cross Section

-17.48 To 157.4 %

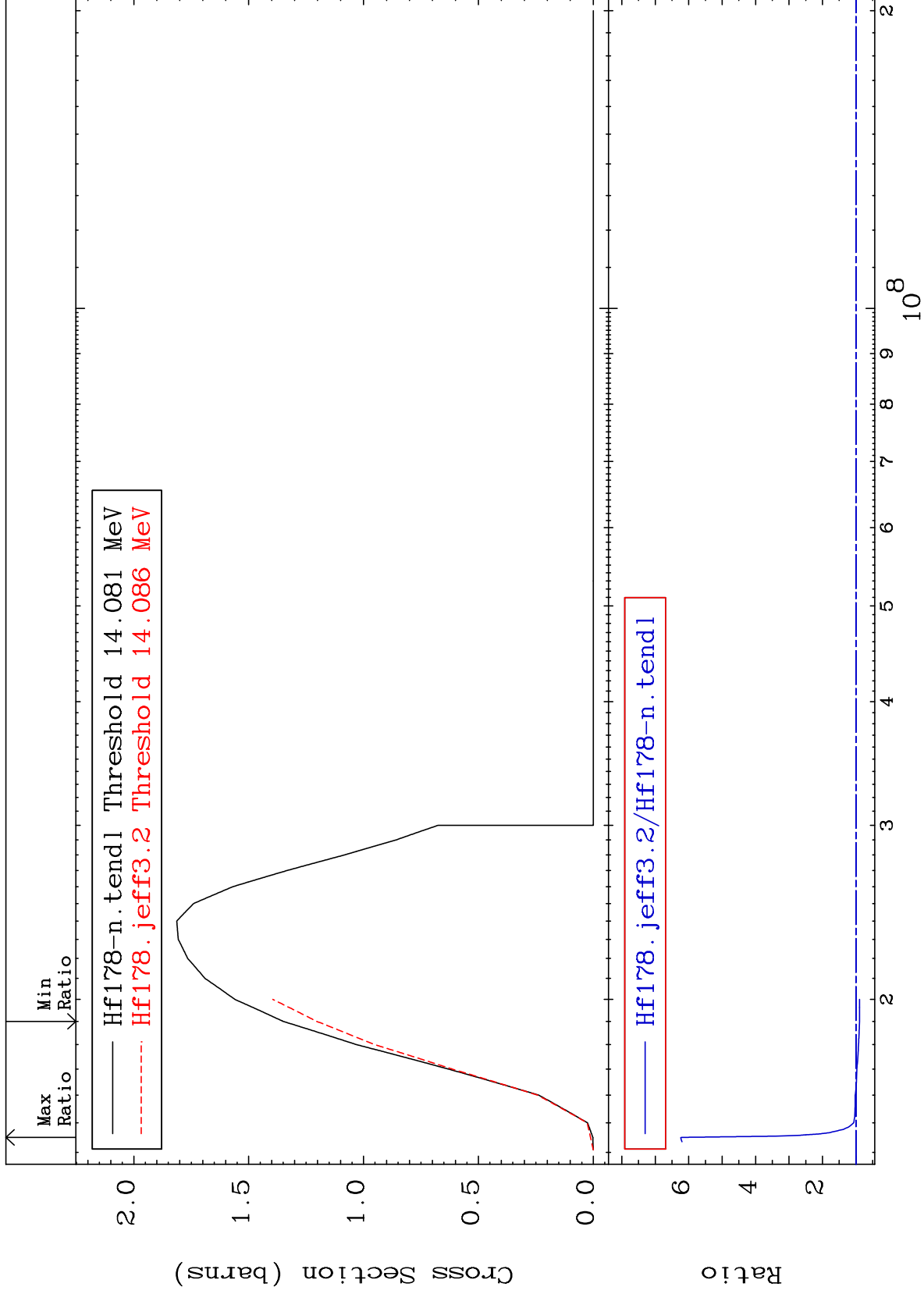


72-Hf-178

4

Cross Section

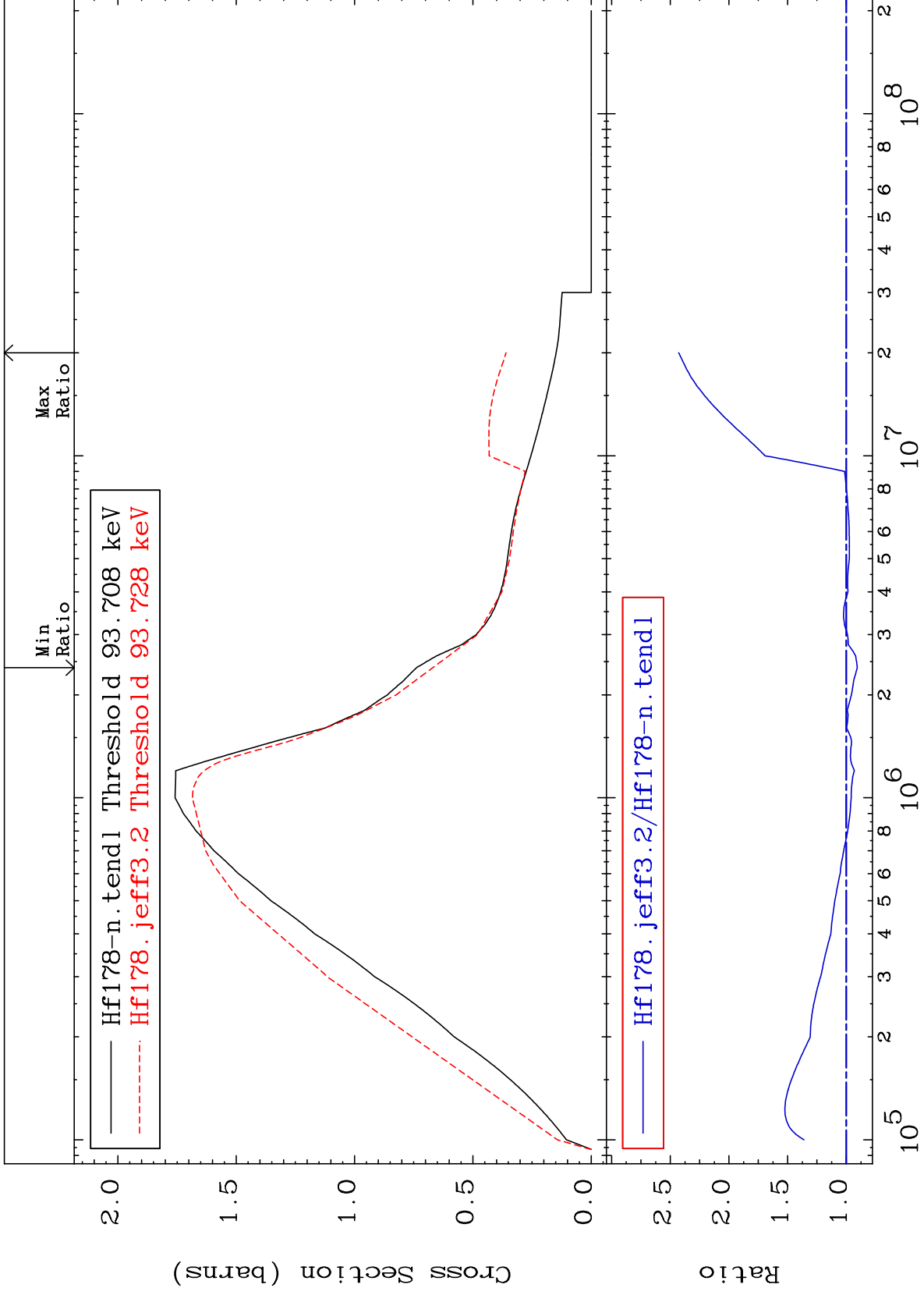
-10.82 To 523.8 %



MAT 7237

93.18 keV (n,n') Level
Cross Section

72-Hf-178
-9.307 To 142.9 %



6

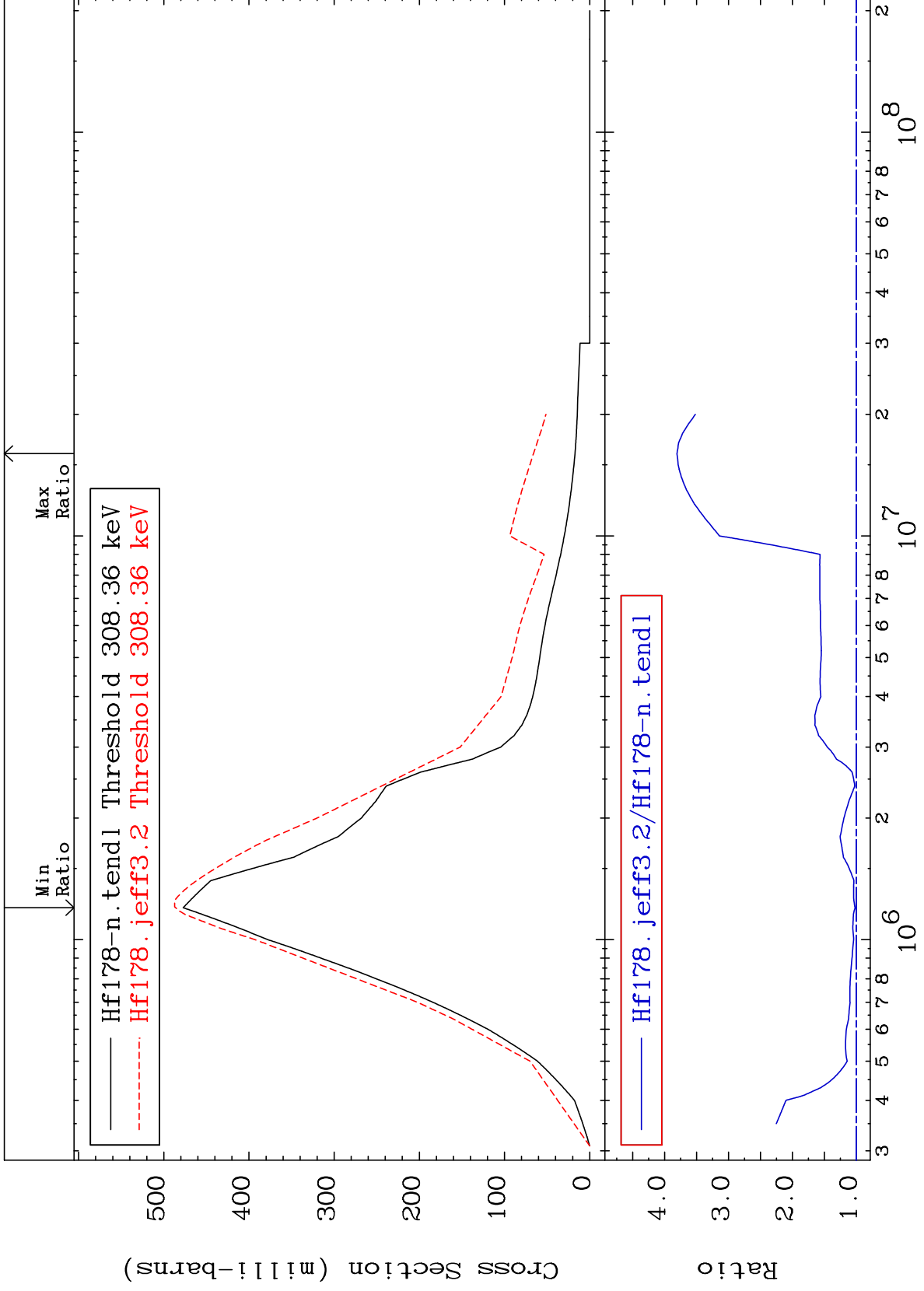
Incident Energy (eV)

72-Hf-178

MAT 7237

306.6 keV (n,n') Level
Cross Section

72-Hf-178
1.855 To 280.7 %



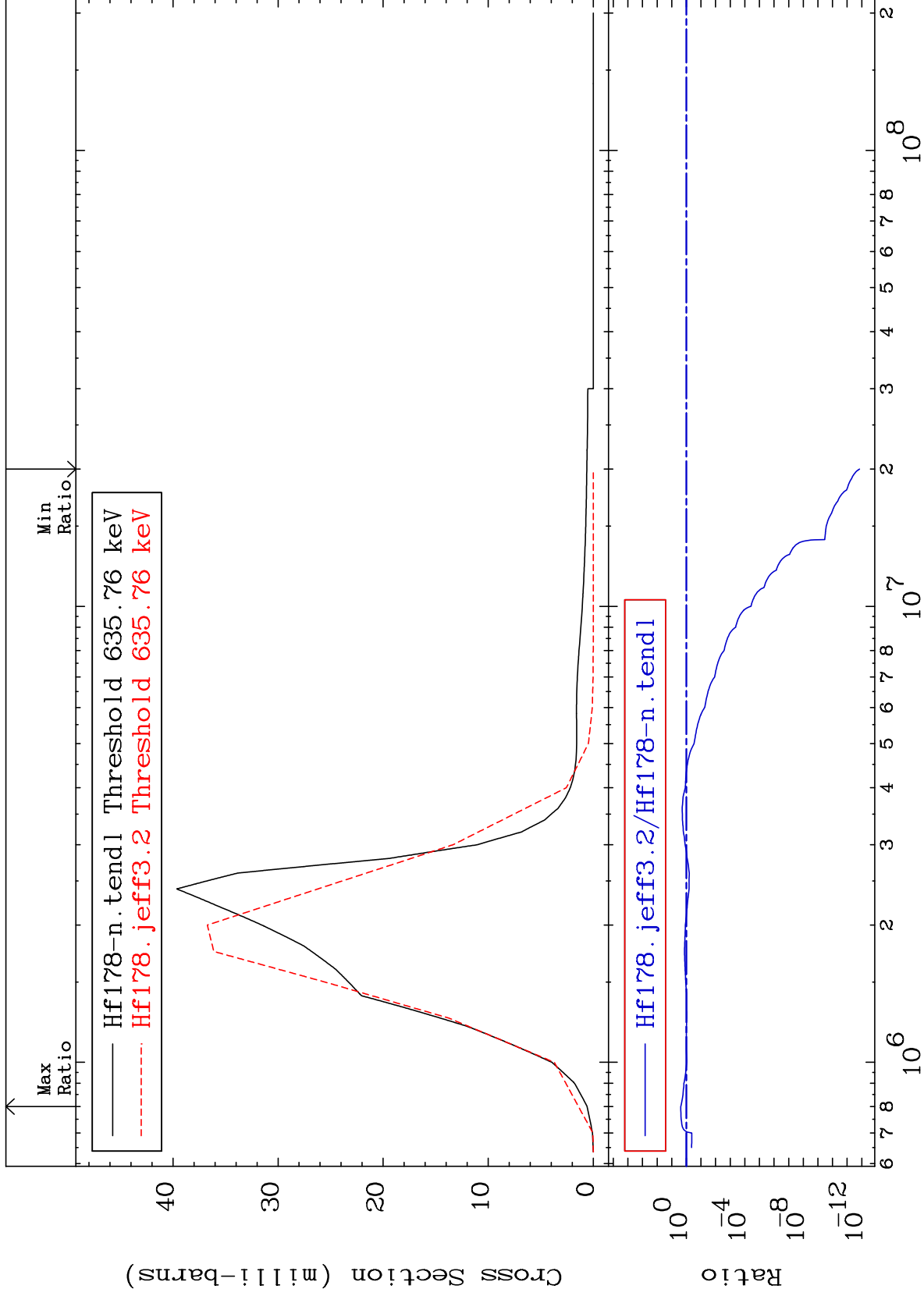
MAT 7237

632.2 keV (n,n') Level

⁷²Hf-178

-100.0 To 141.1 %

Cross Section



8

Incident Energy (eV)

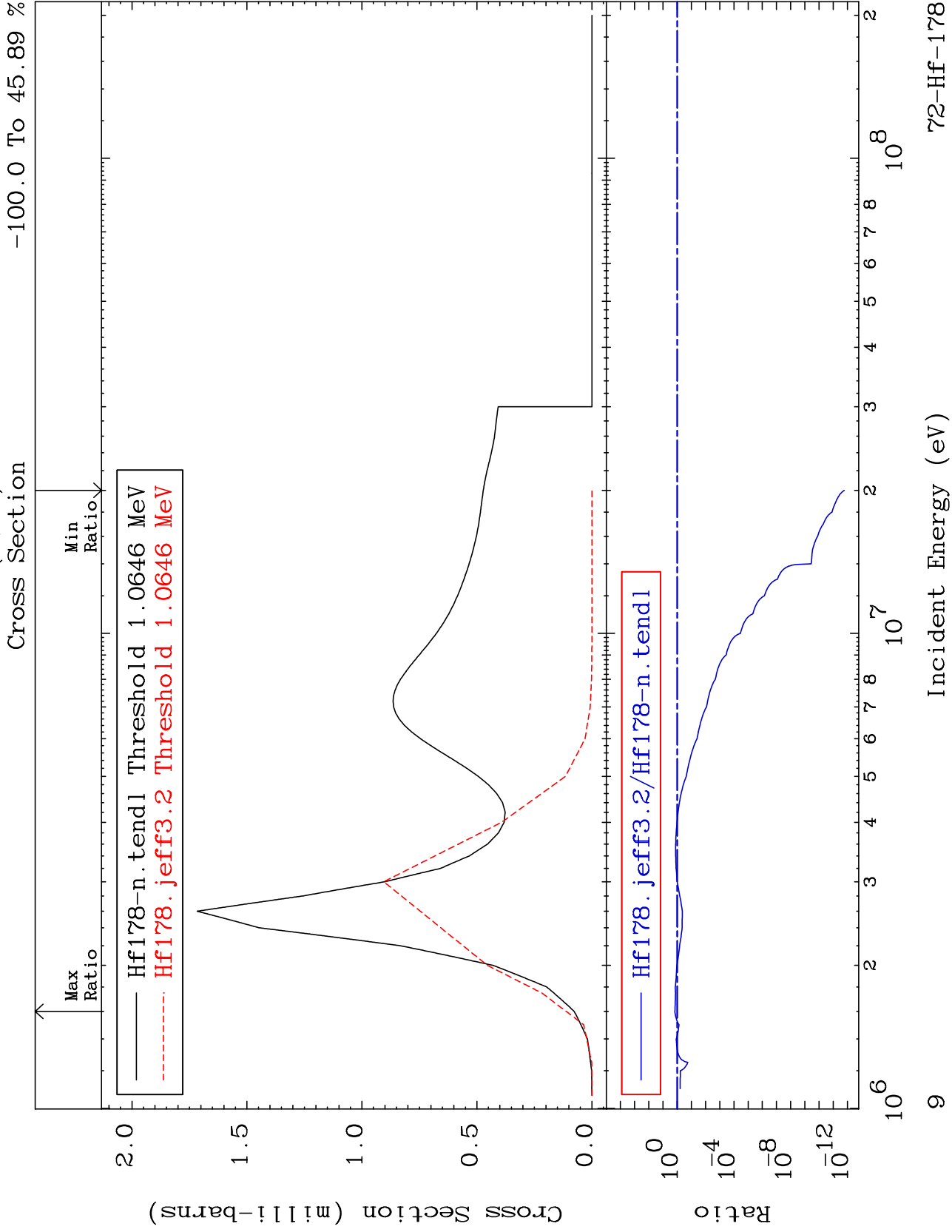
⁷²Hf-178

MAT 7237

1.059 MeV (n,n') Level

⁷²Hf-178

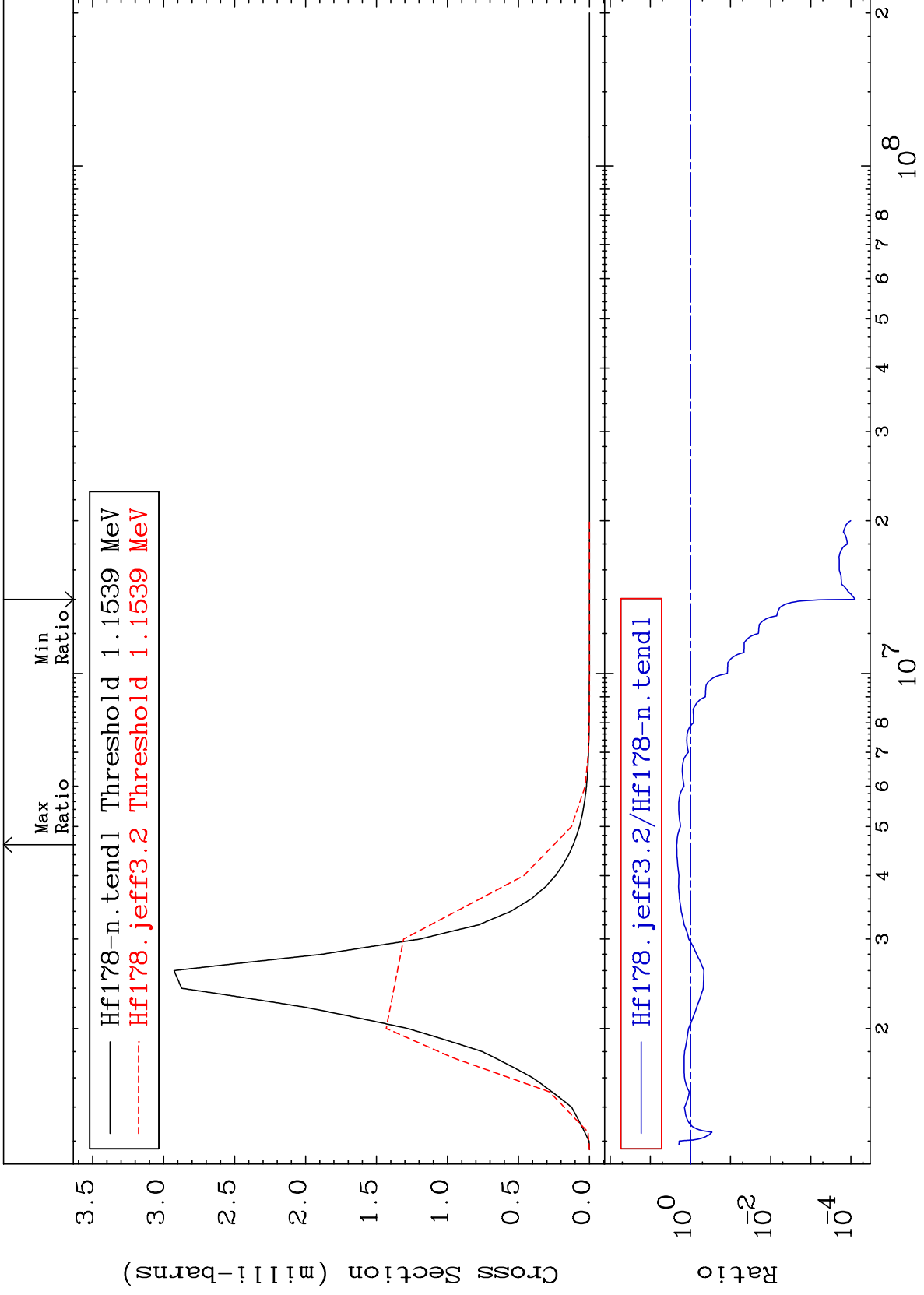
-100.0 To 45.89 %



MAT 7237

1.147 MeV (n,n') Level
Cross Section

72-Hf-178
-99.99 To 119.8 %



10

Incident Energy (eV)

72-Hf-178

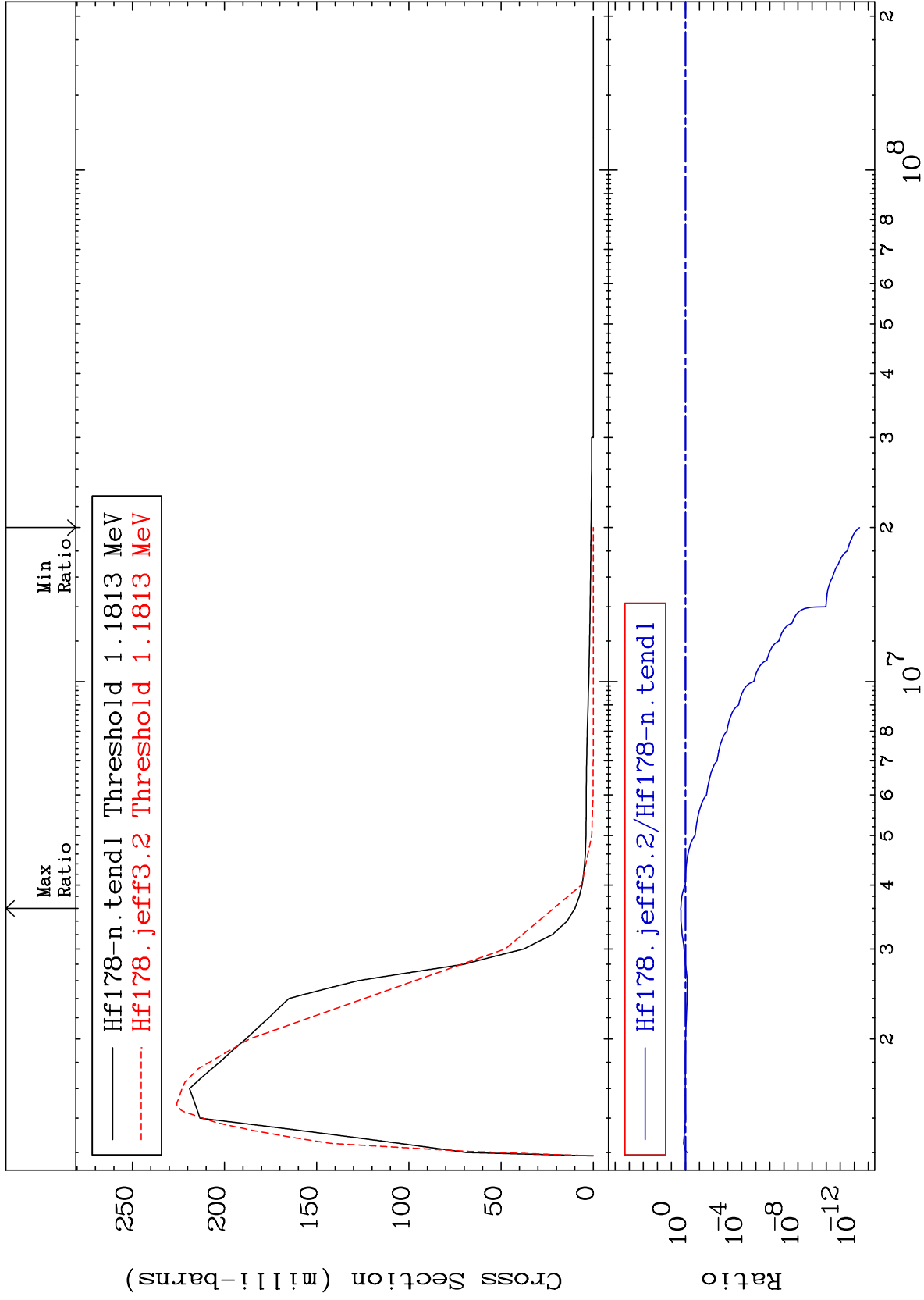
MAT 7237

1.175 MeV (n,n') Level

72-Hf-178

-100.0 To 116.4 %

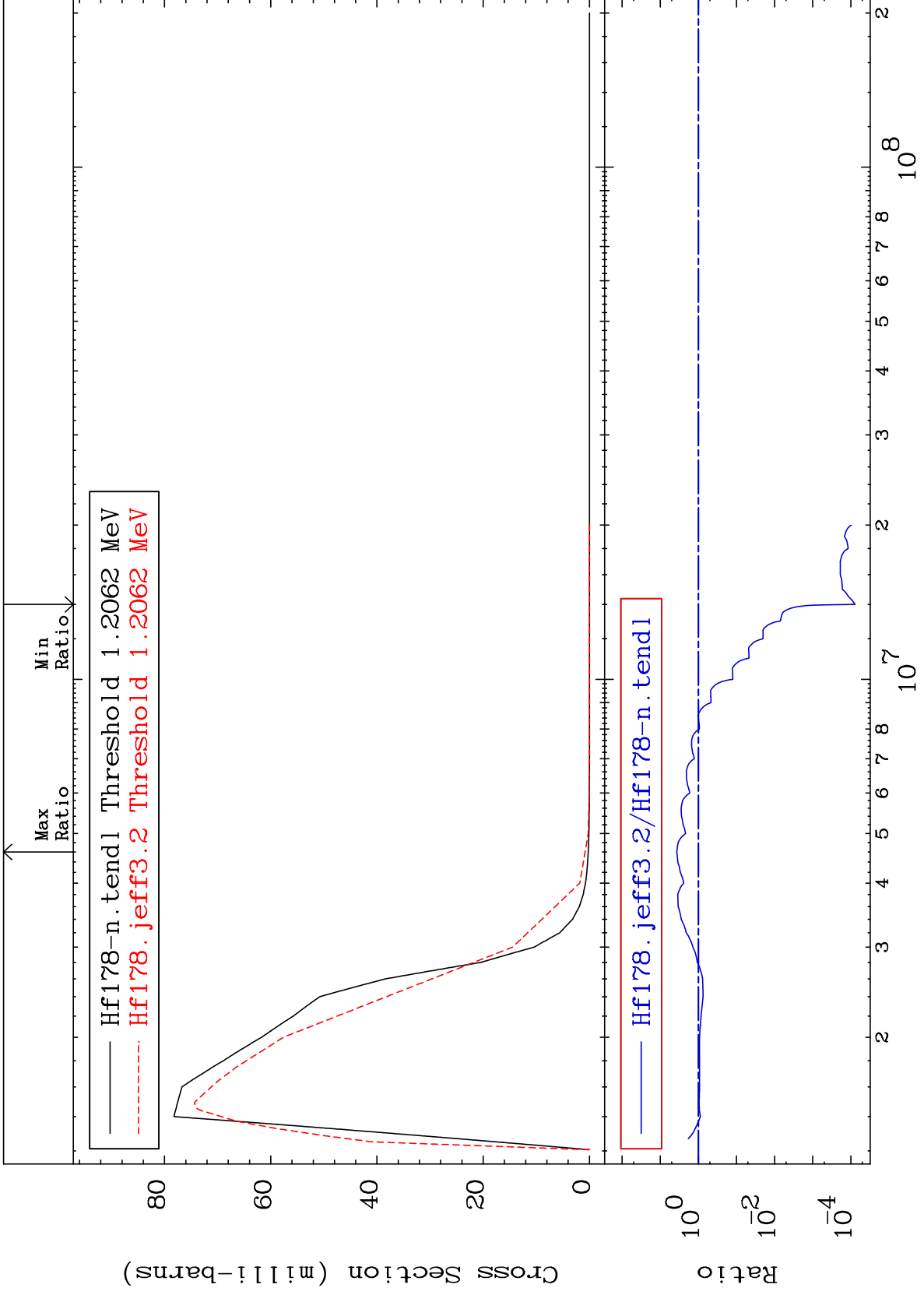
Cross Section

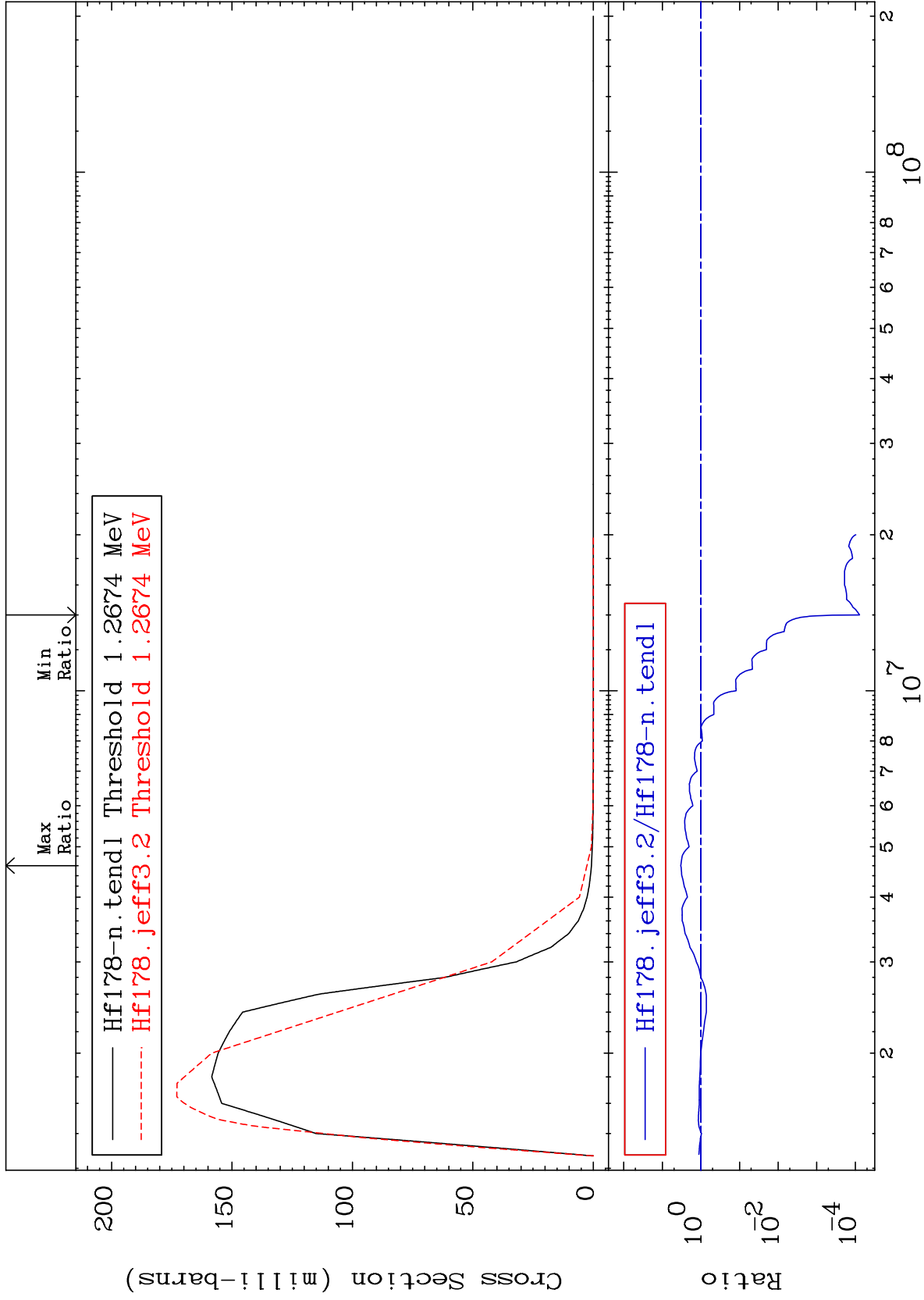


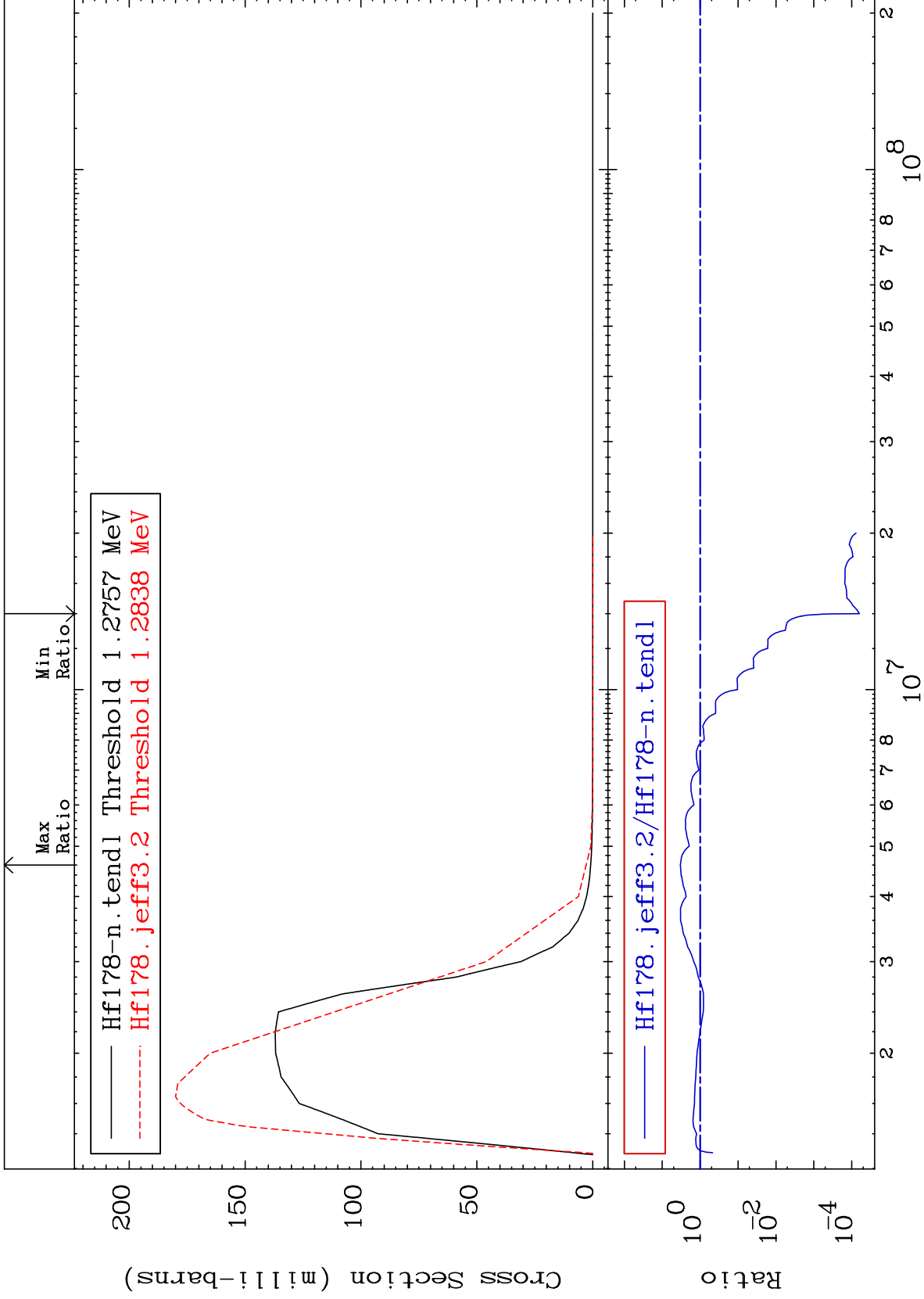
MAT 7237

1.199 MeV (n,n') Level
Cross Section

72-Hf-178
-99.99 To 269.8 %





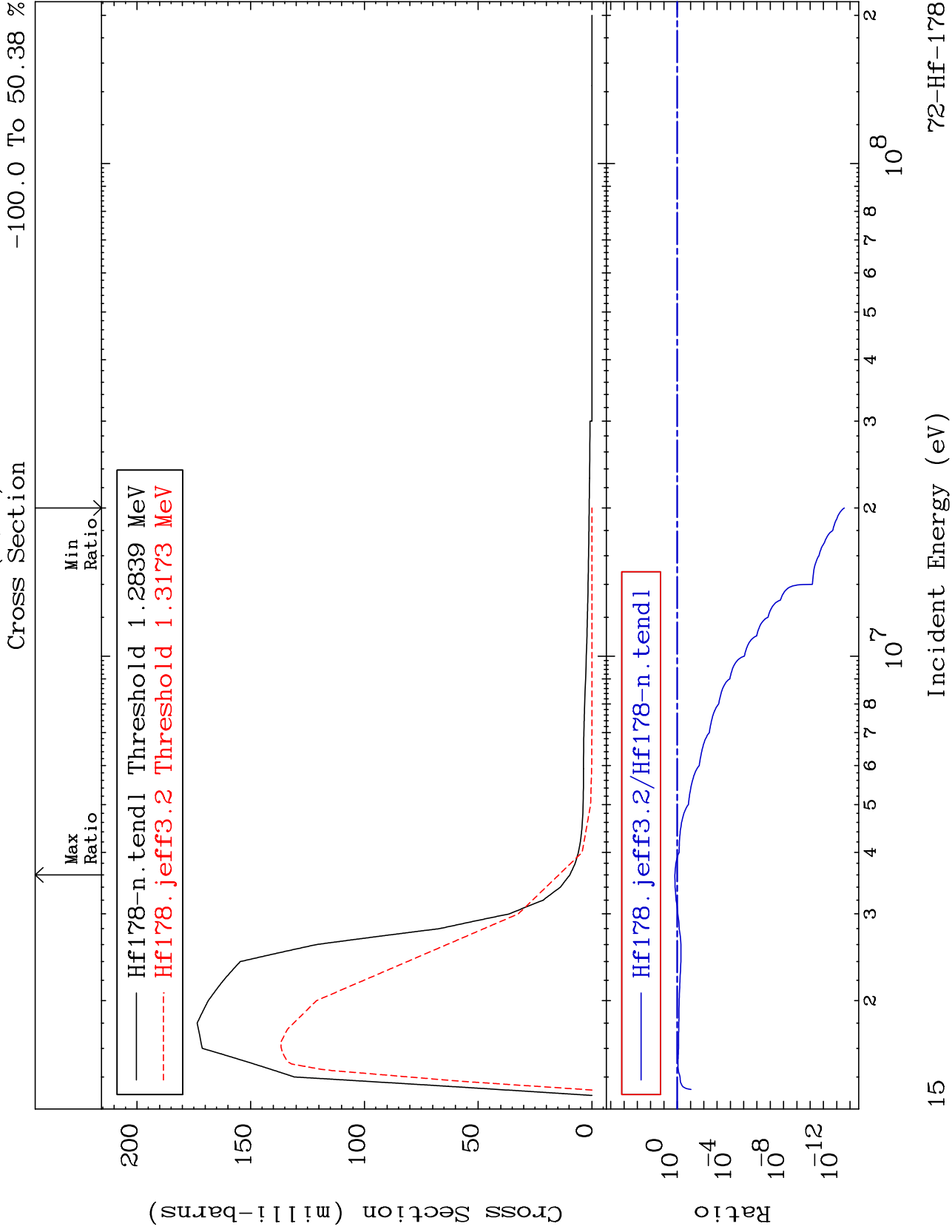


MAT 7237

1.277 MeV (n,n') Level

72-Hf-178

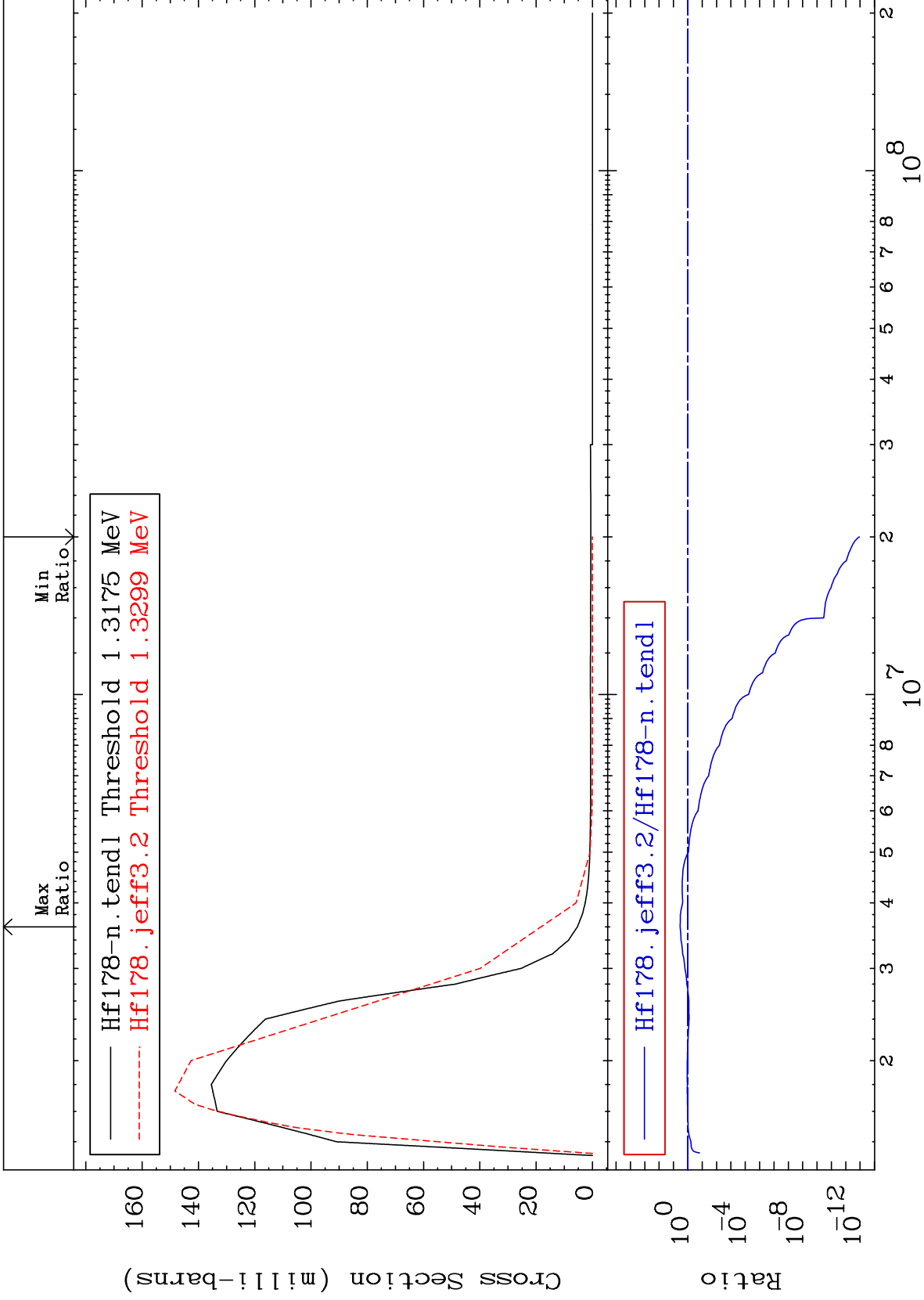
-100.0 To 50.38 %



MAT 7237

1.310 MeV (n,n') Level
Cross Section

72-Hf-178
-100.0 To 242.7 %



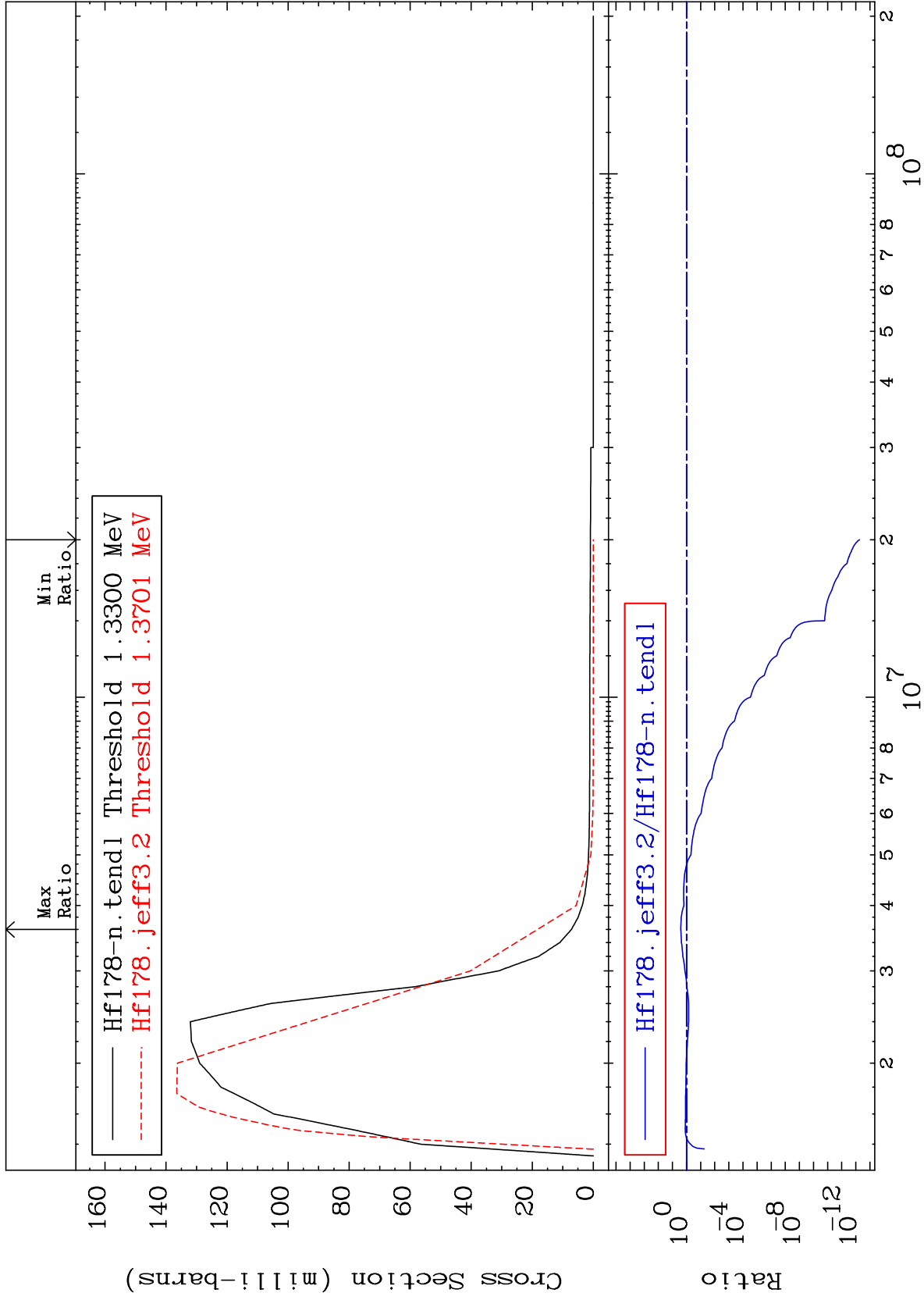
MAT 7237

1.322 MeV (n,n') Level

72-Hf-178

-100.0 To 156.5 %

Cross Section



17

Incident Energy (eV)

72-Hf-178

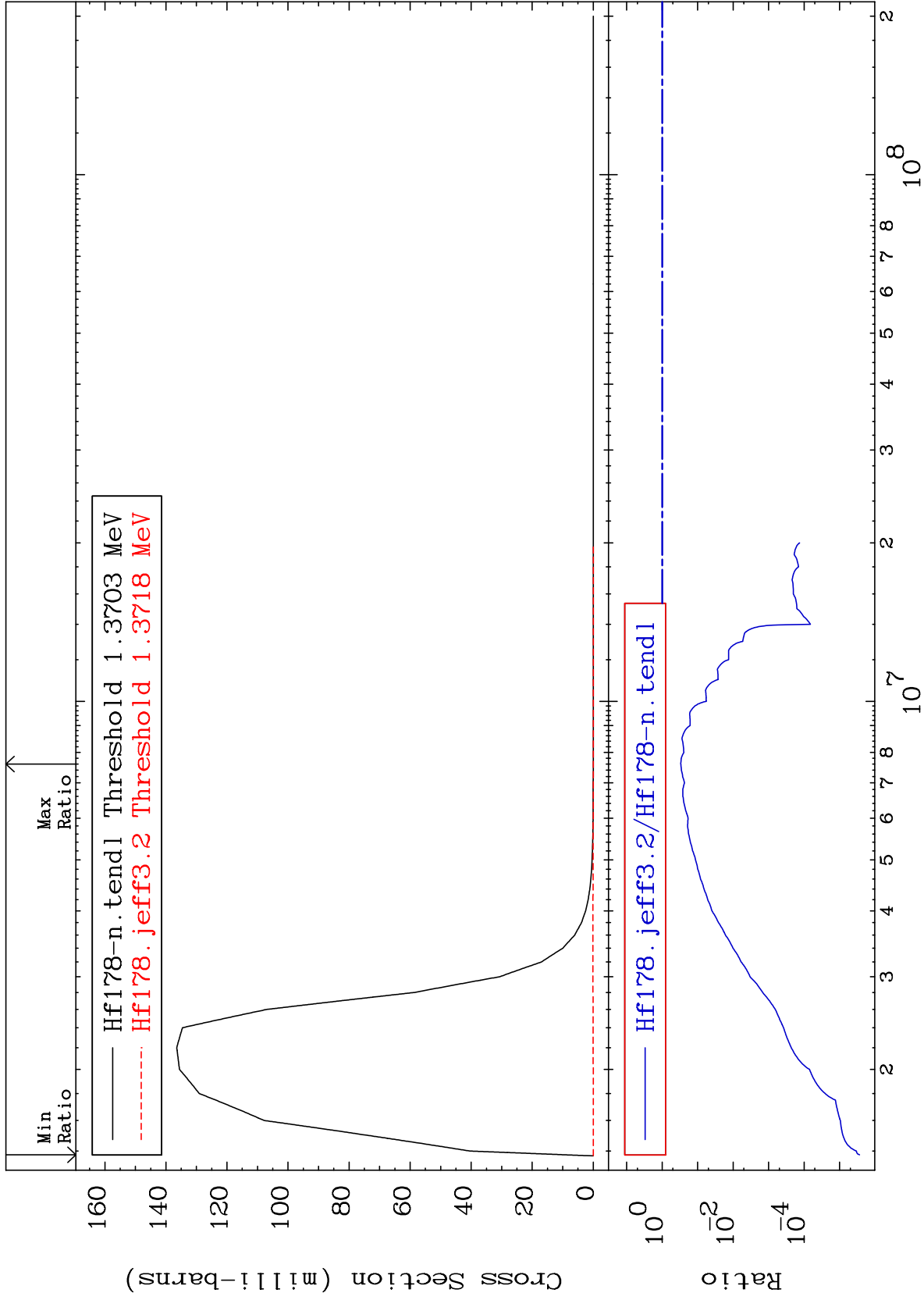
MAT 7237

1.363 MeV (n,n') Level

⁷²Hf-178

-100.0 To -70.14%

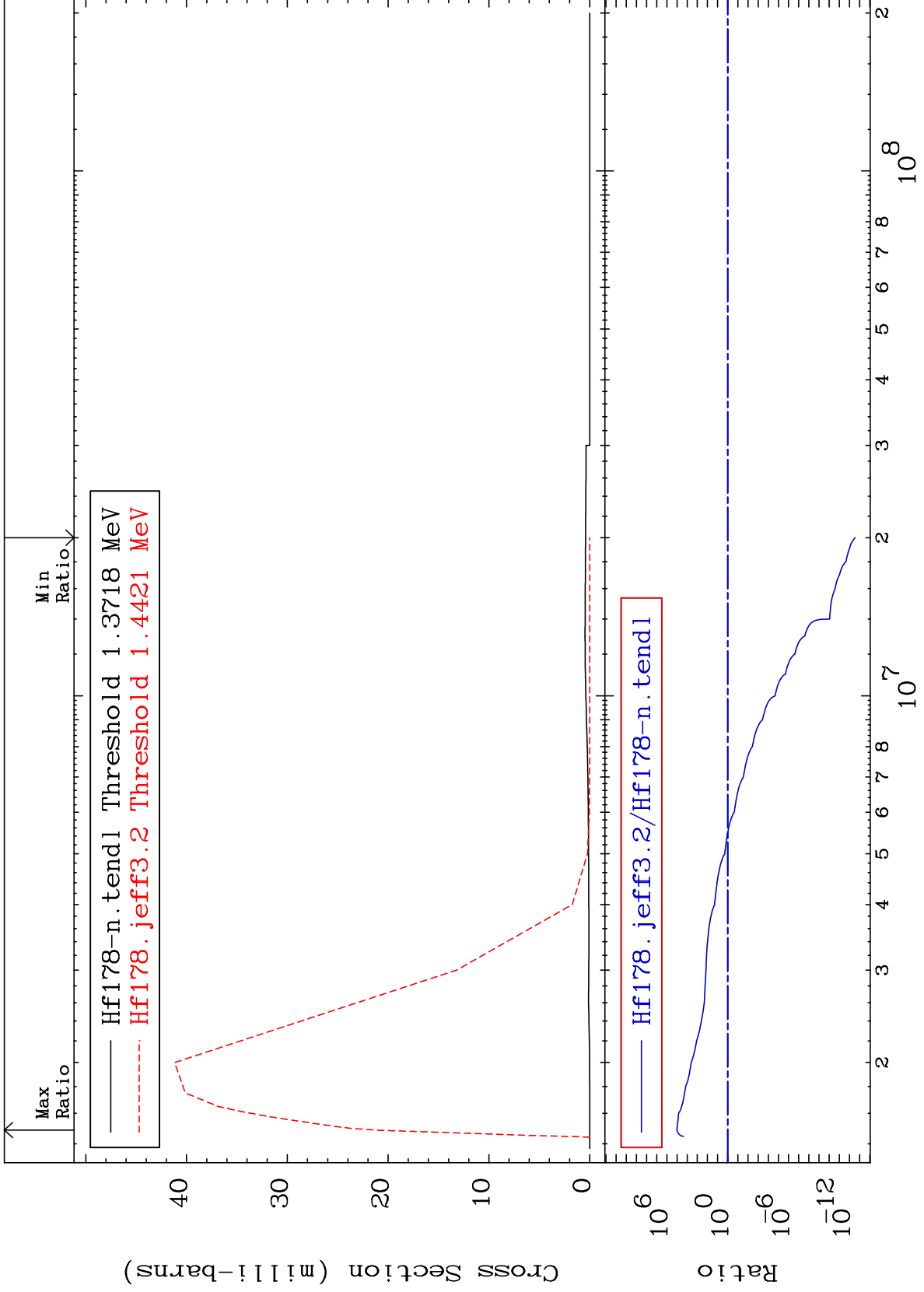
Cross Section



MAT 7237

1.364 MeV (n,n') Level
Cross Section

72-Hf-178
-100.0 To 9999. %



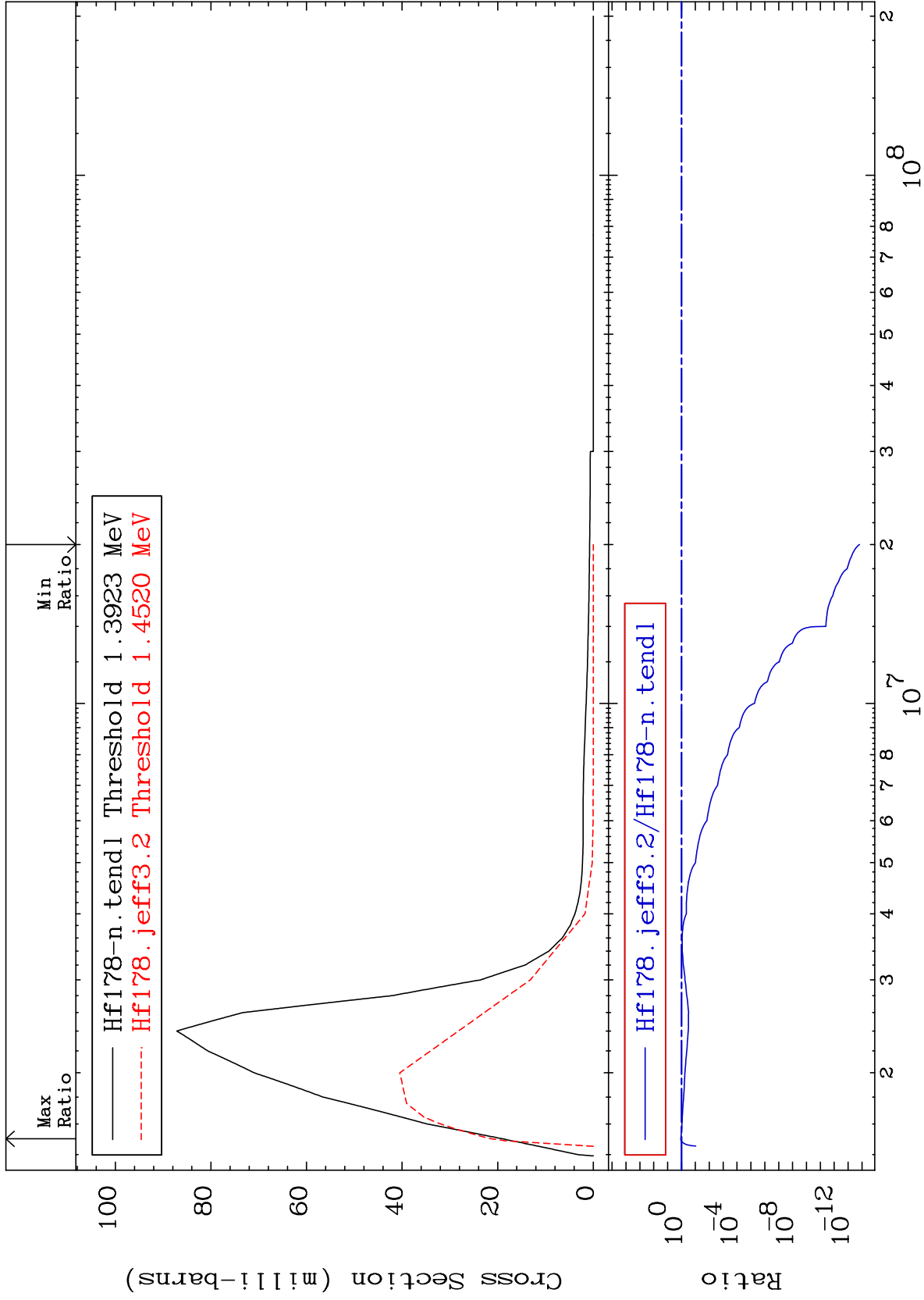
MAT 7237

1.384 MeV (n,n') Level

72-Hf-178

-100.0 To 12.69 %

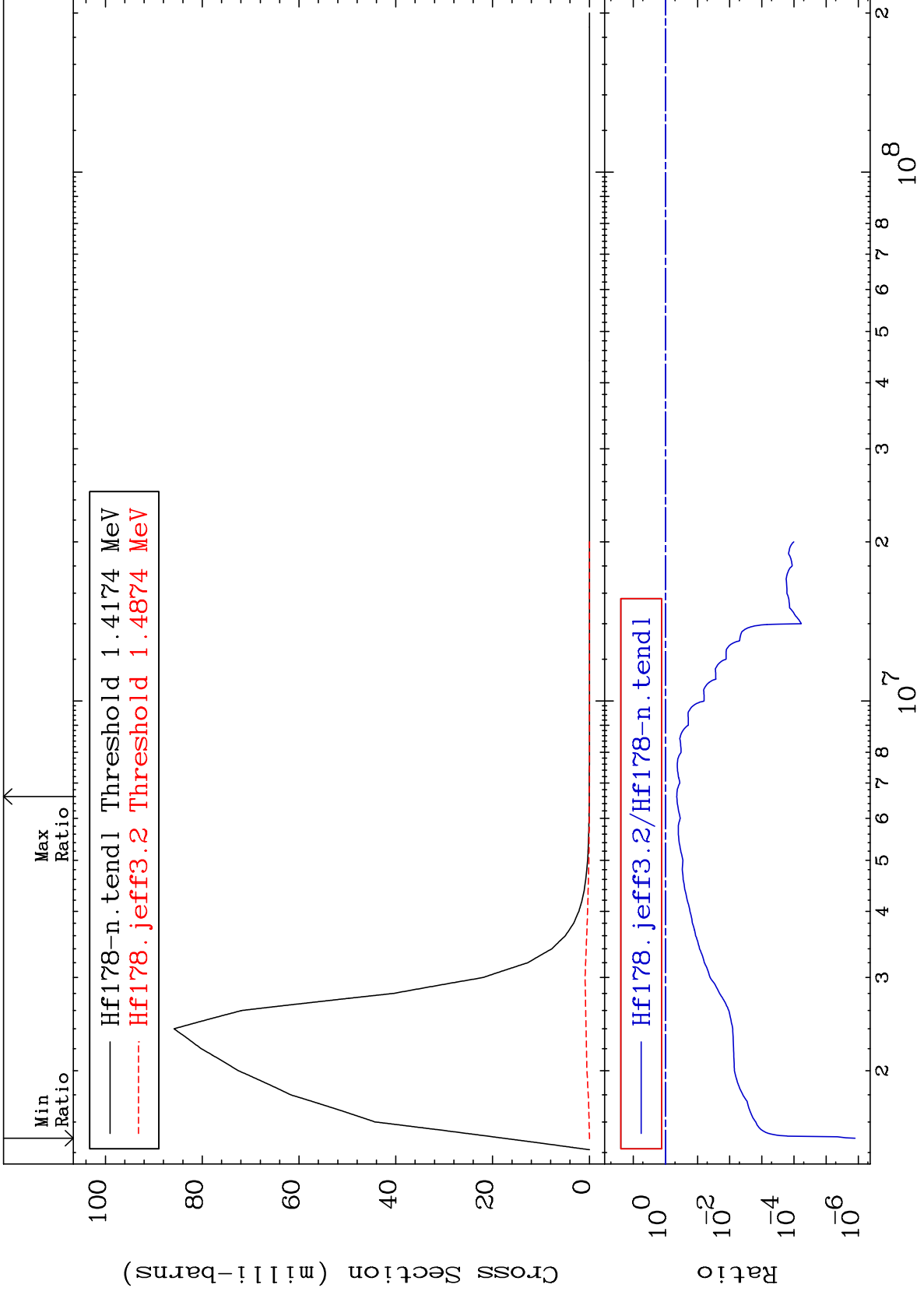
Cross Section



MAT 7237

1.409 MeV (n,n') Level
Cross Section

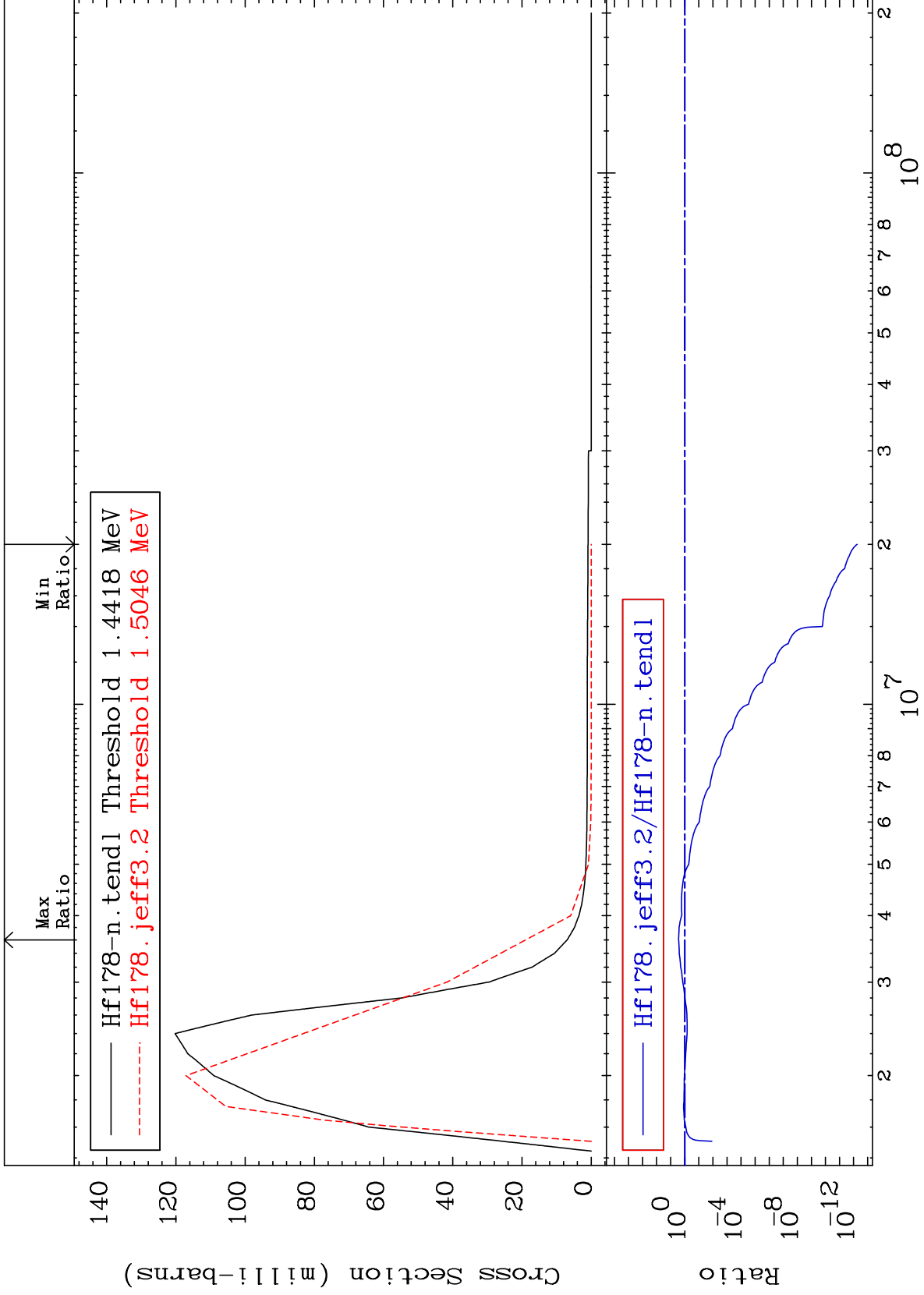
72-Hf-178
-100.0 To -55.56%

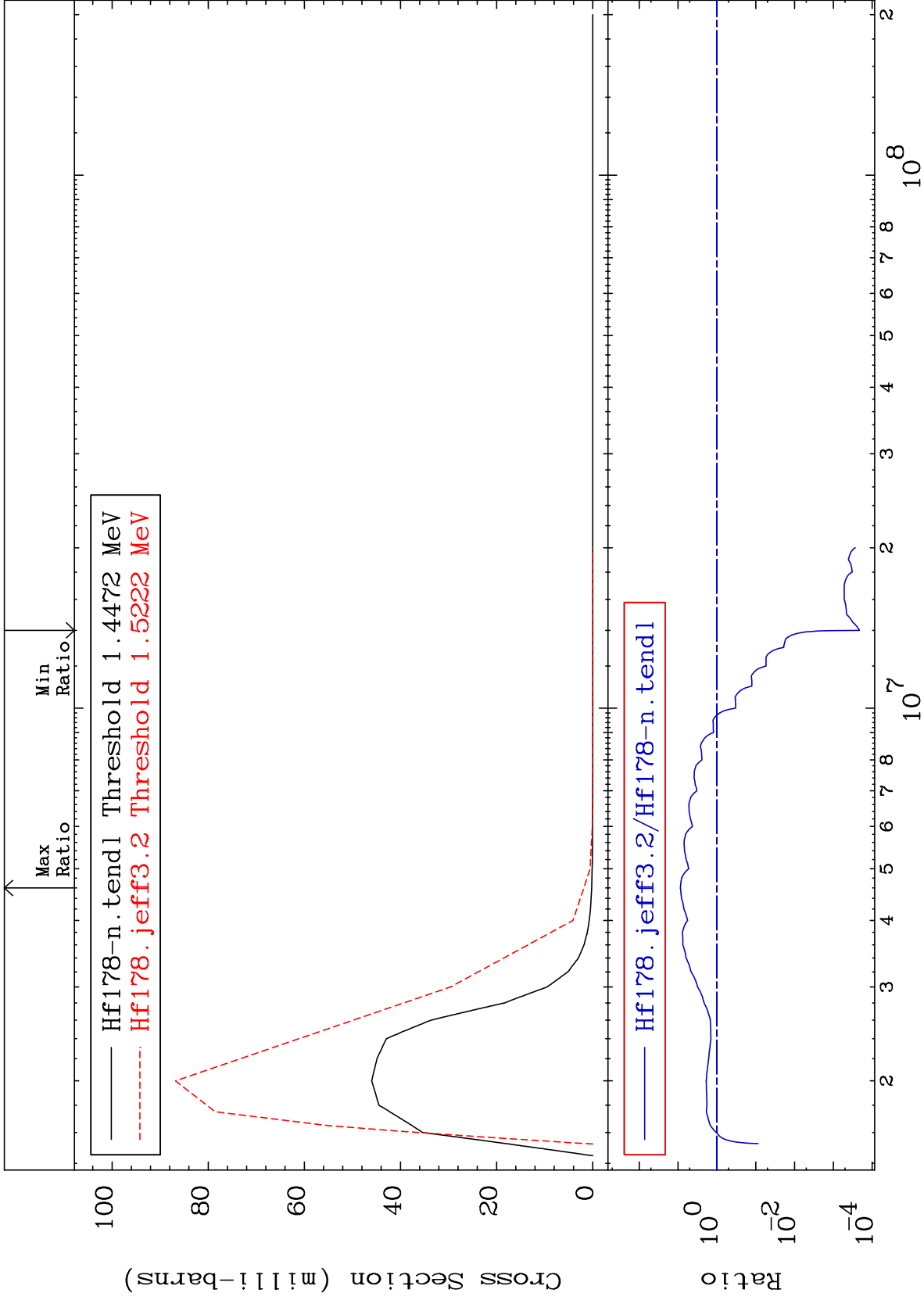


MAT 7237

1.434 MeV (n,n') Level
Cross Section

⁷²Hf-178
-100.0 To 173.5 %

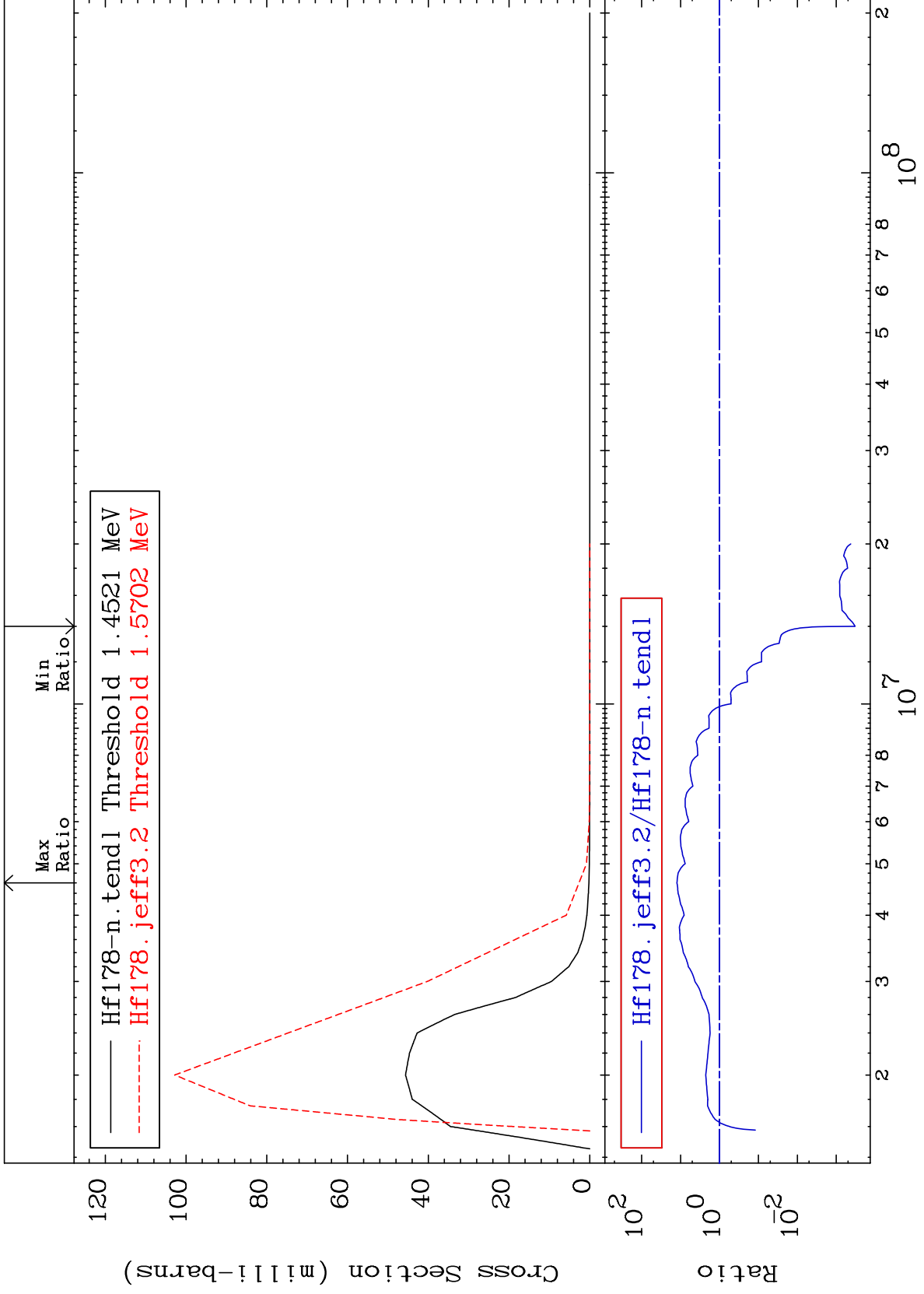


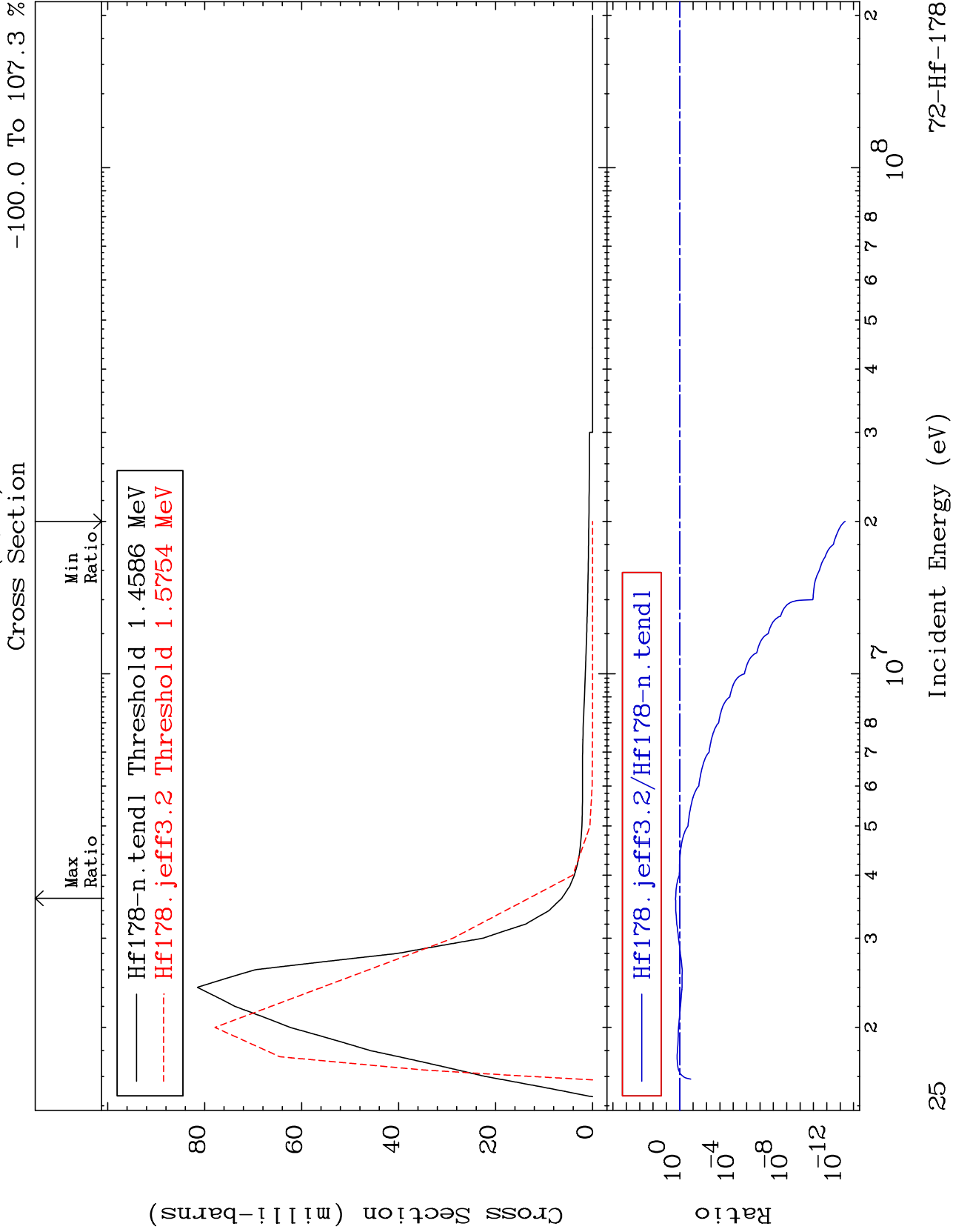


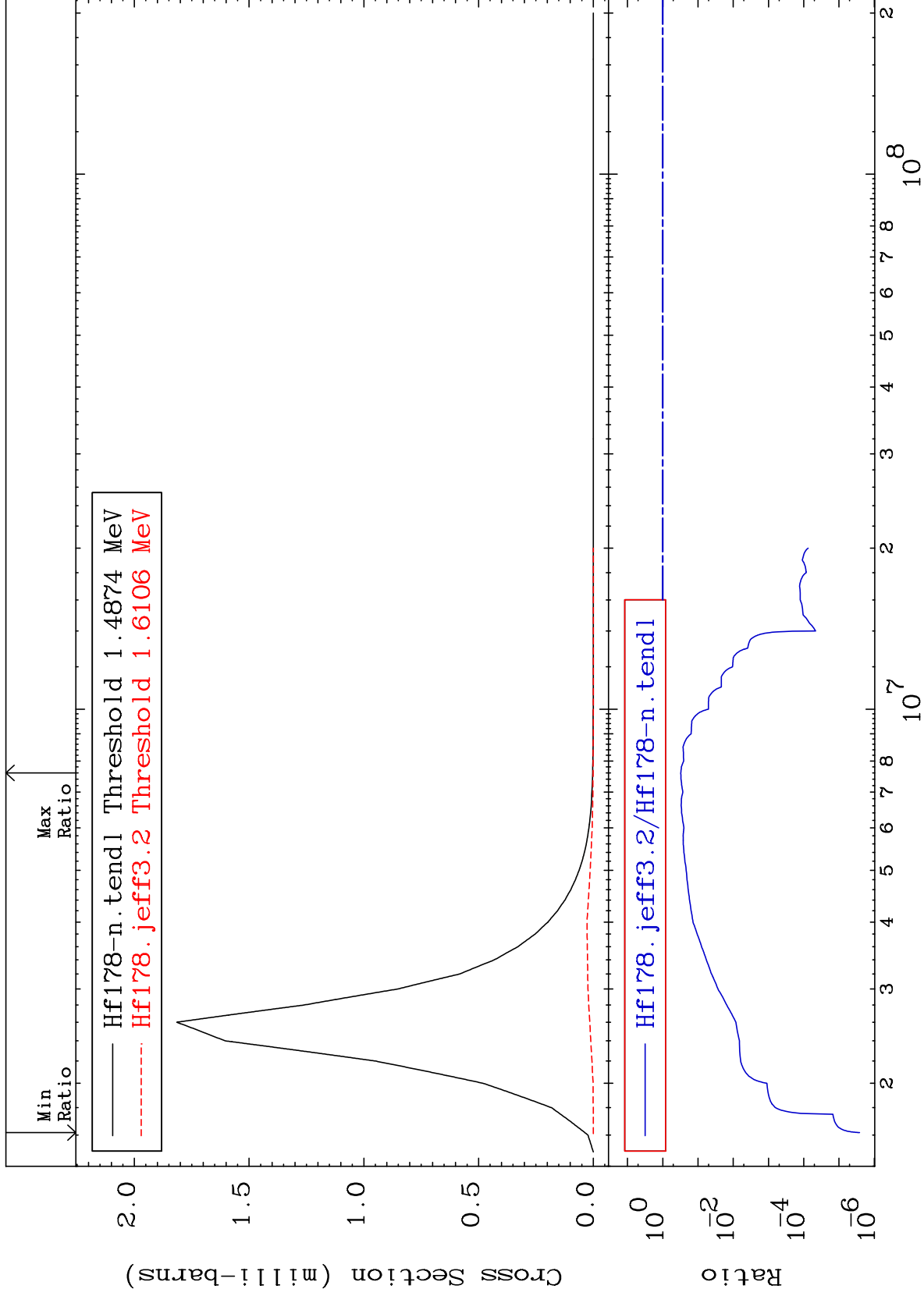
MAT 7237

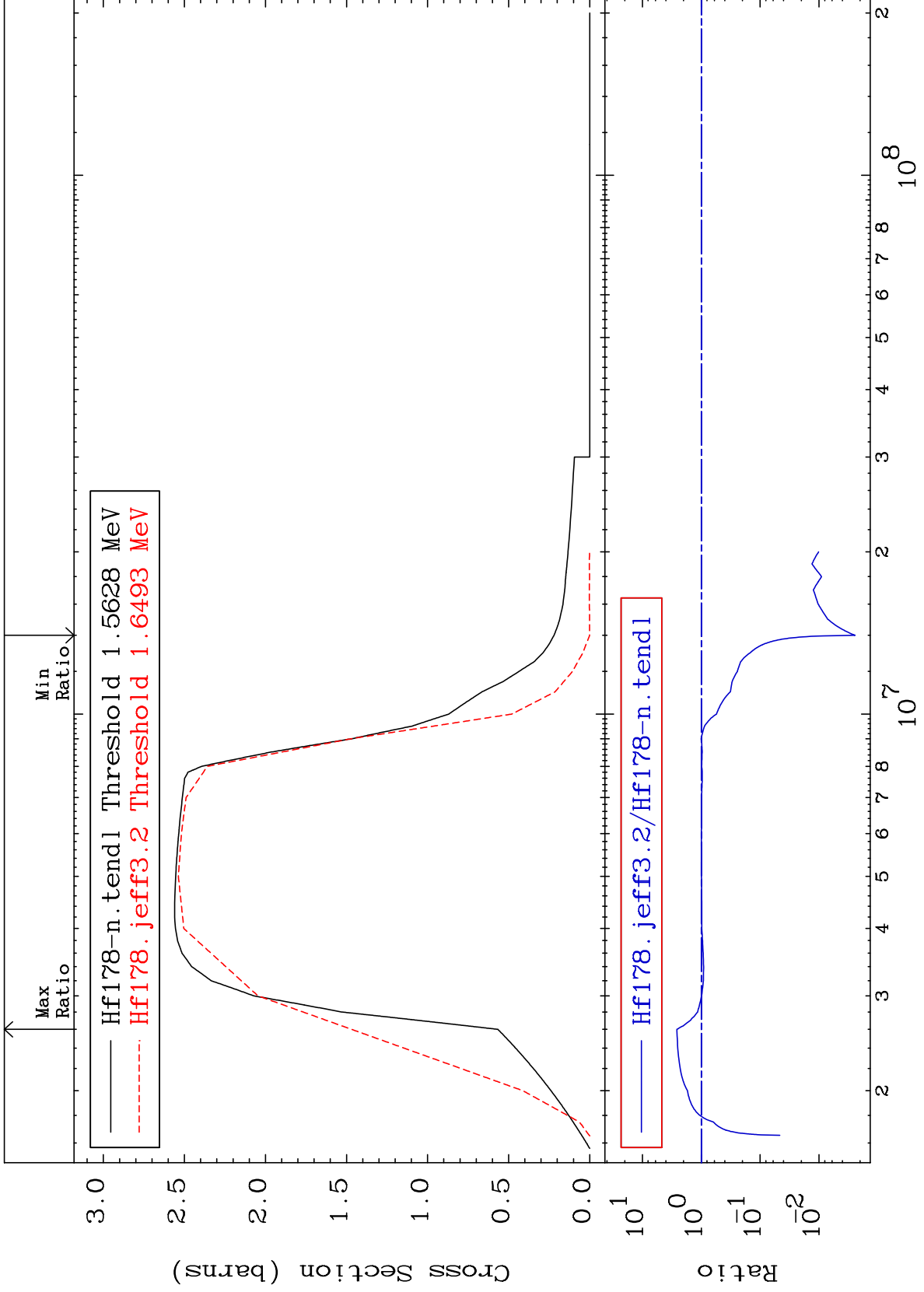
1.444 MeV (n,n') Level
Cross Section

72-Hf-178
-99.97 To 1141. %









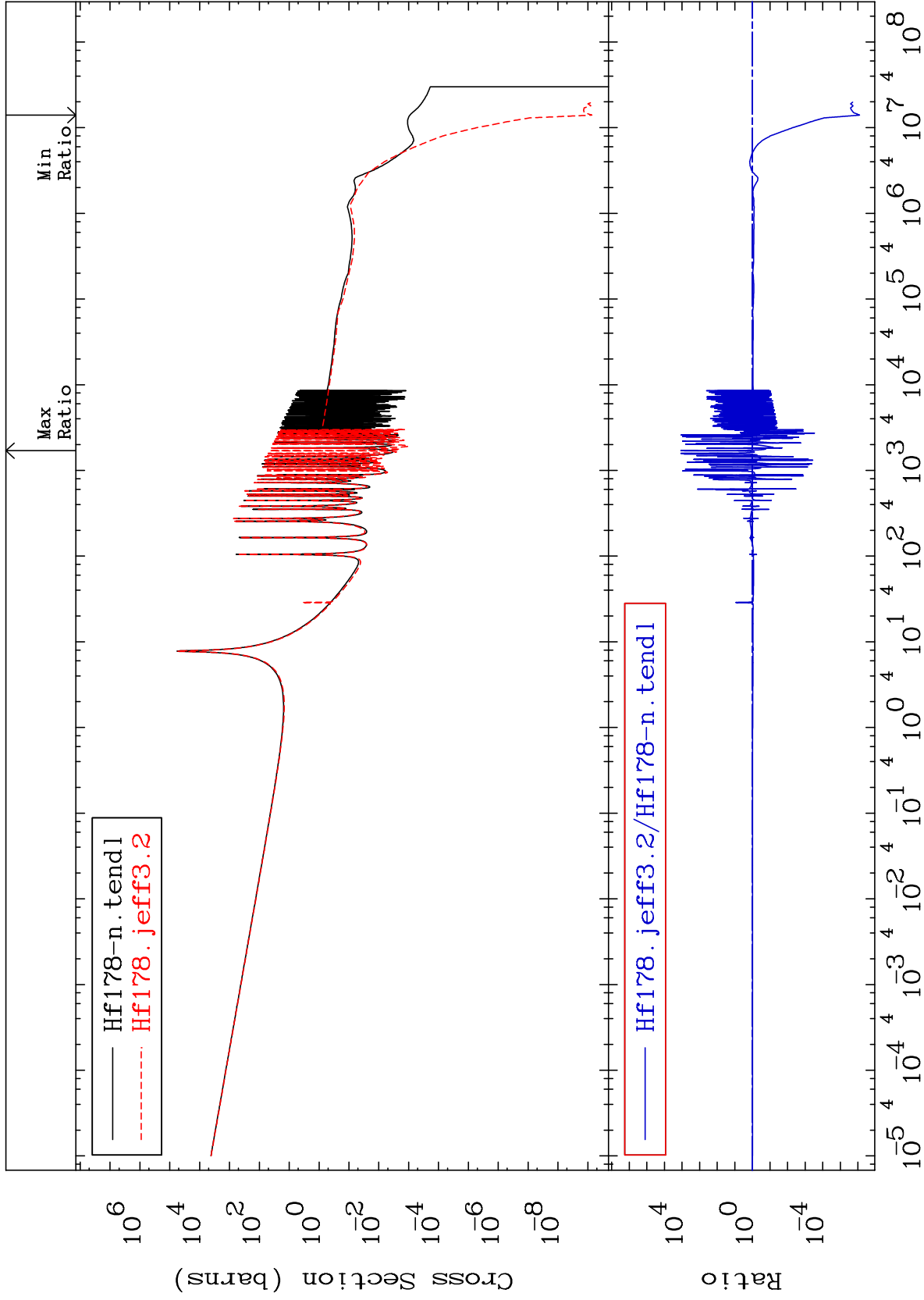
MAT 7237

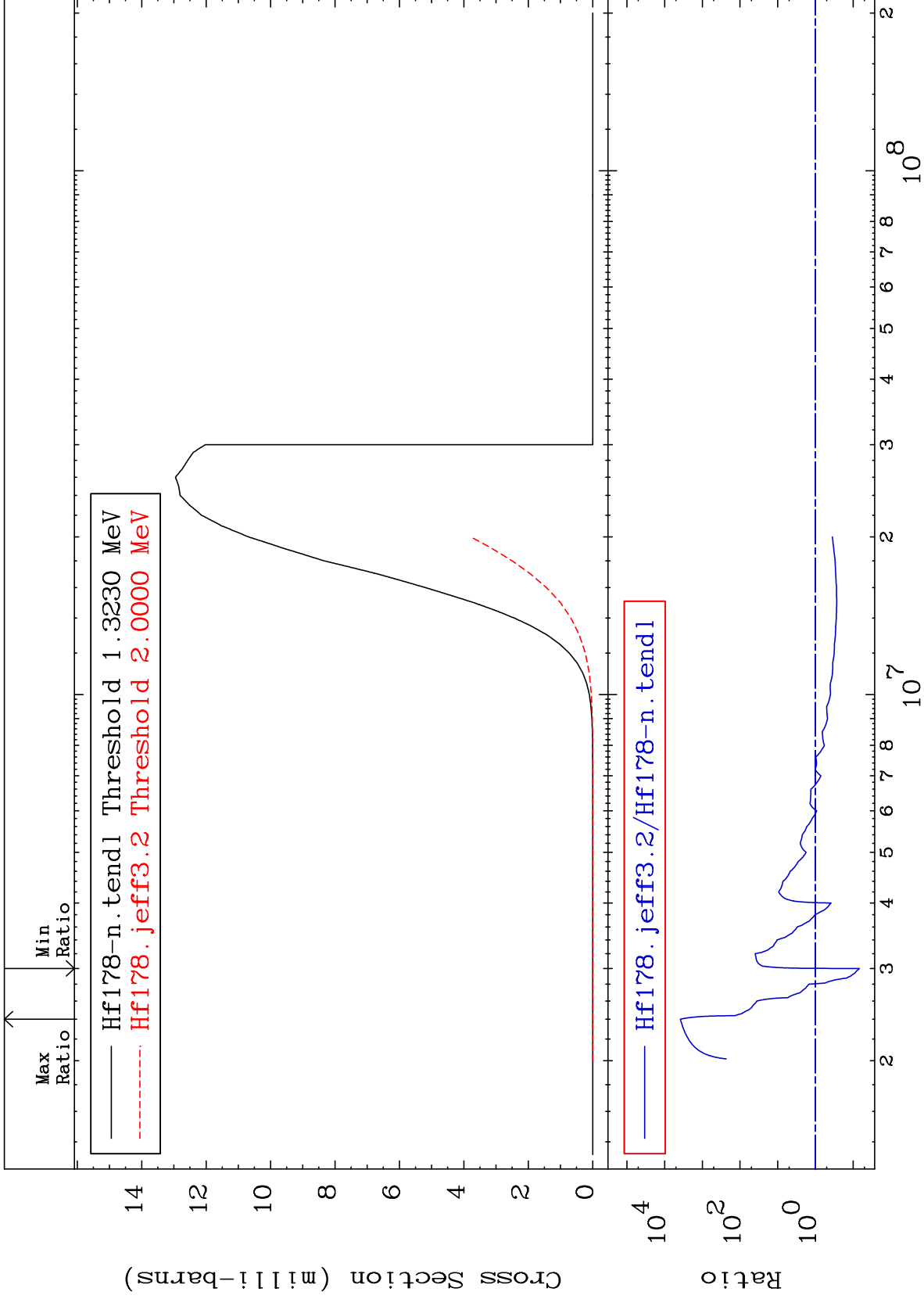
(n, γ)

72-Hf-178

Cross Section

-100.0 To 9999. %

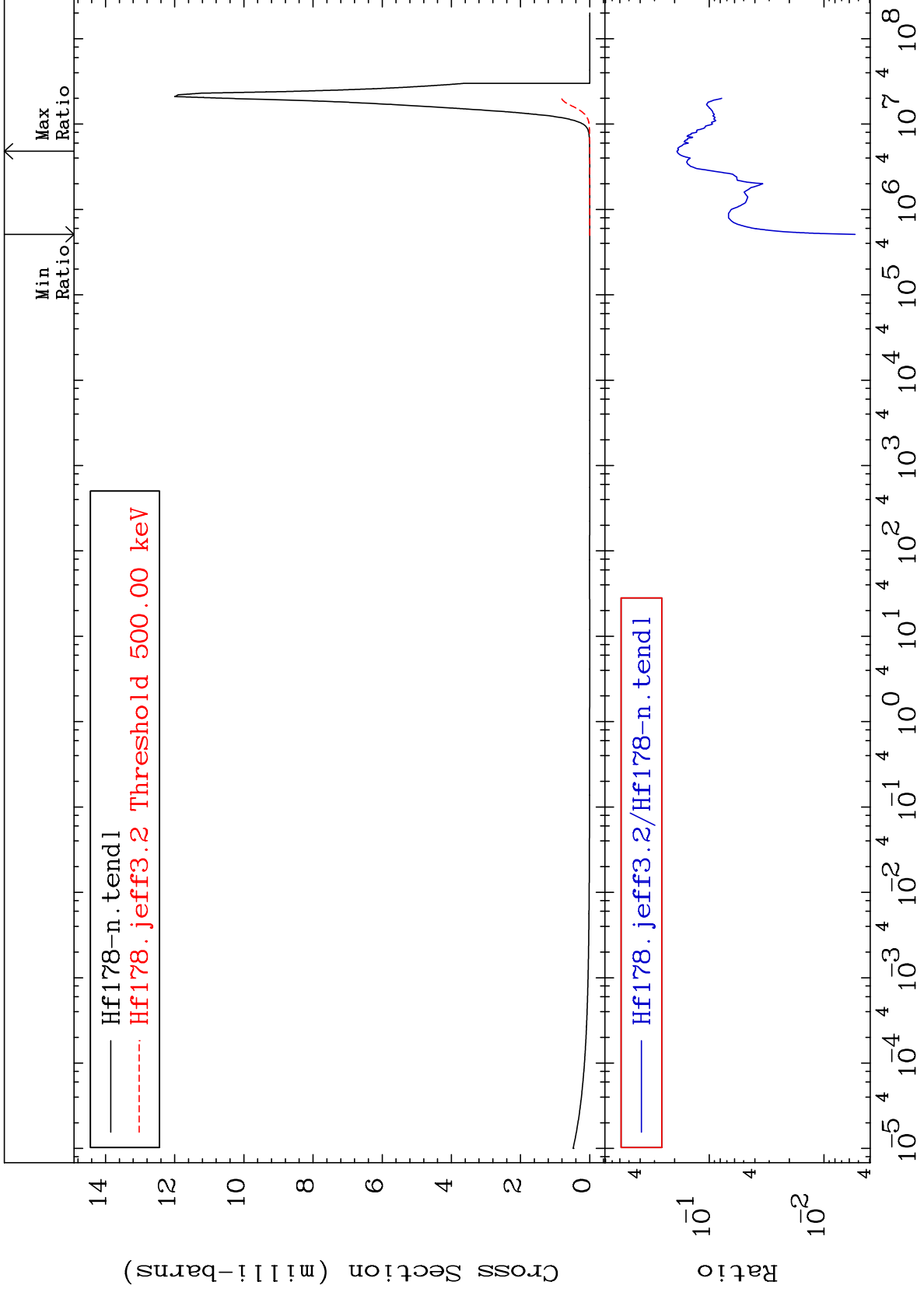


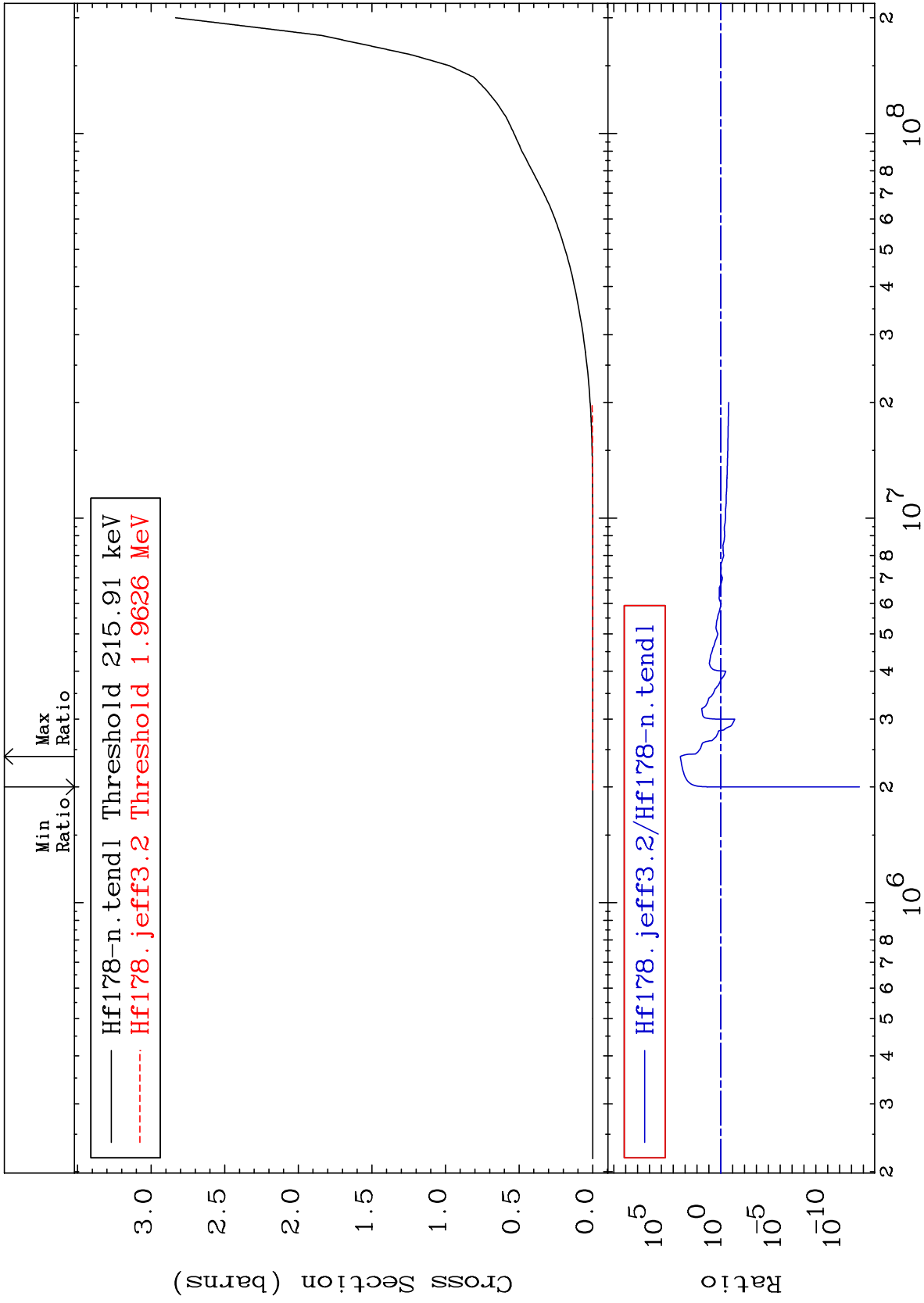


MAT 7237

(n, α)
Cross Section

72-Hf-178
-99.46 To -80.91%

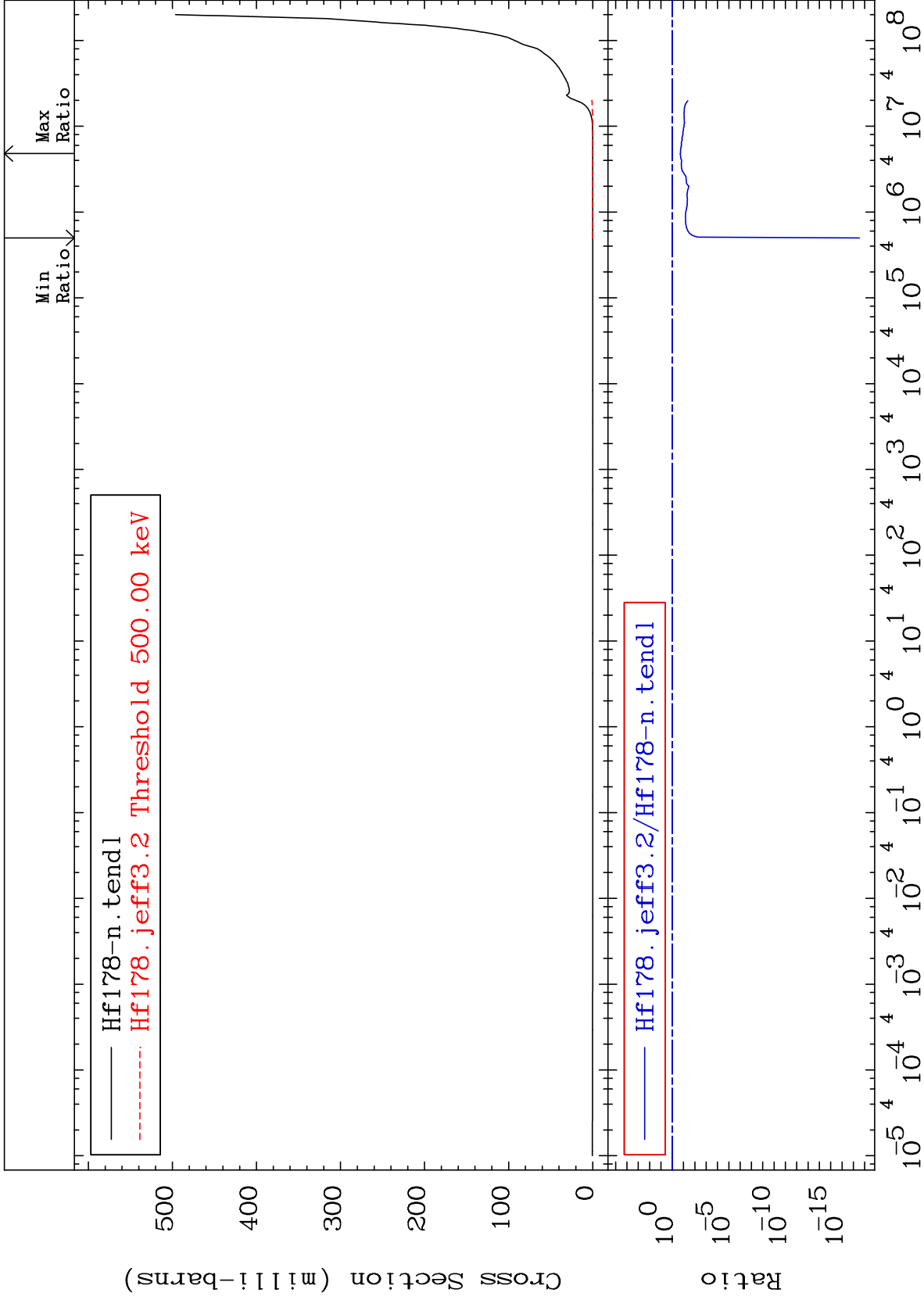


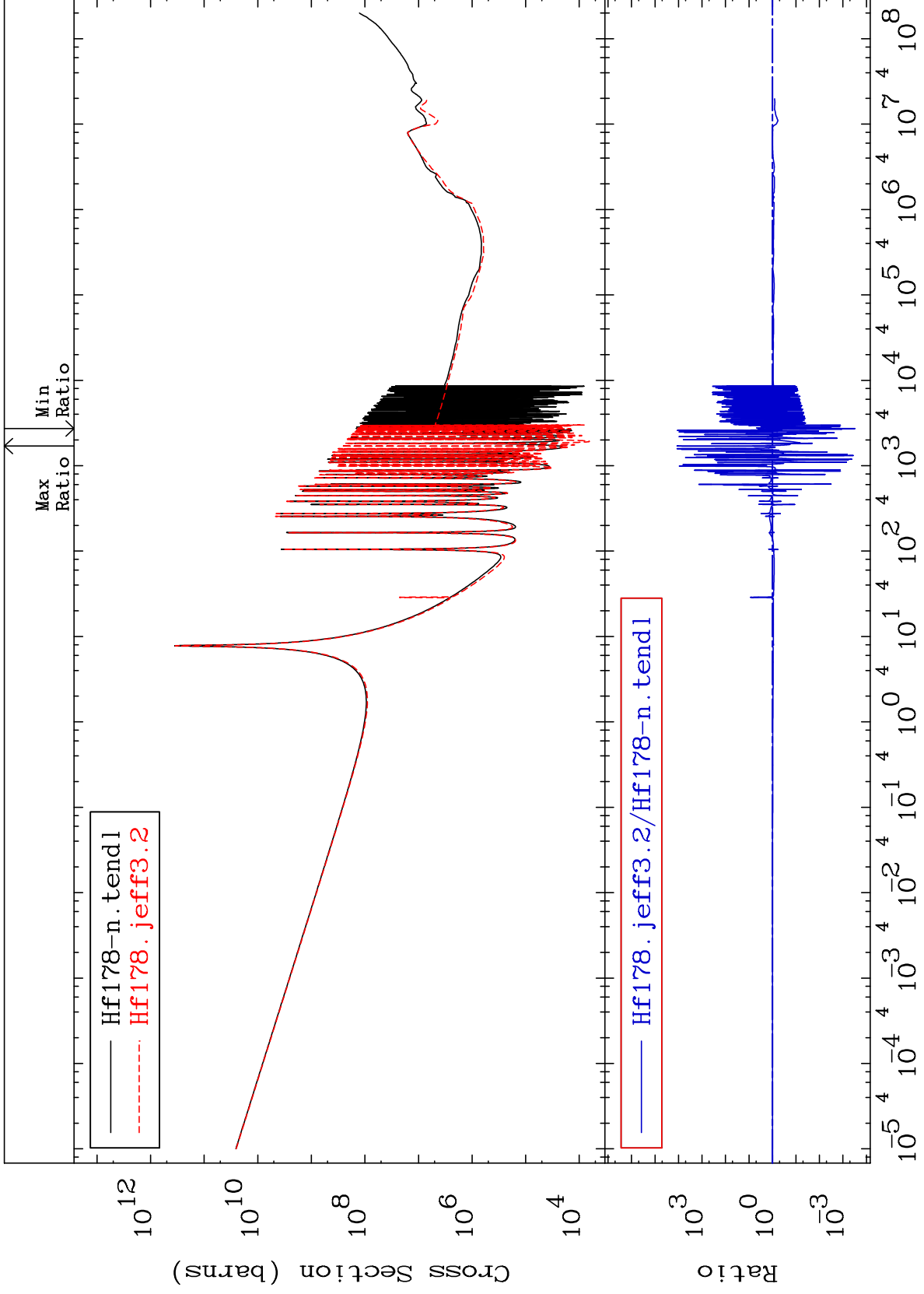


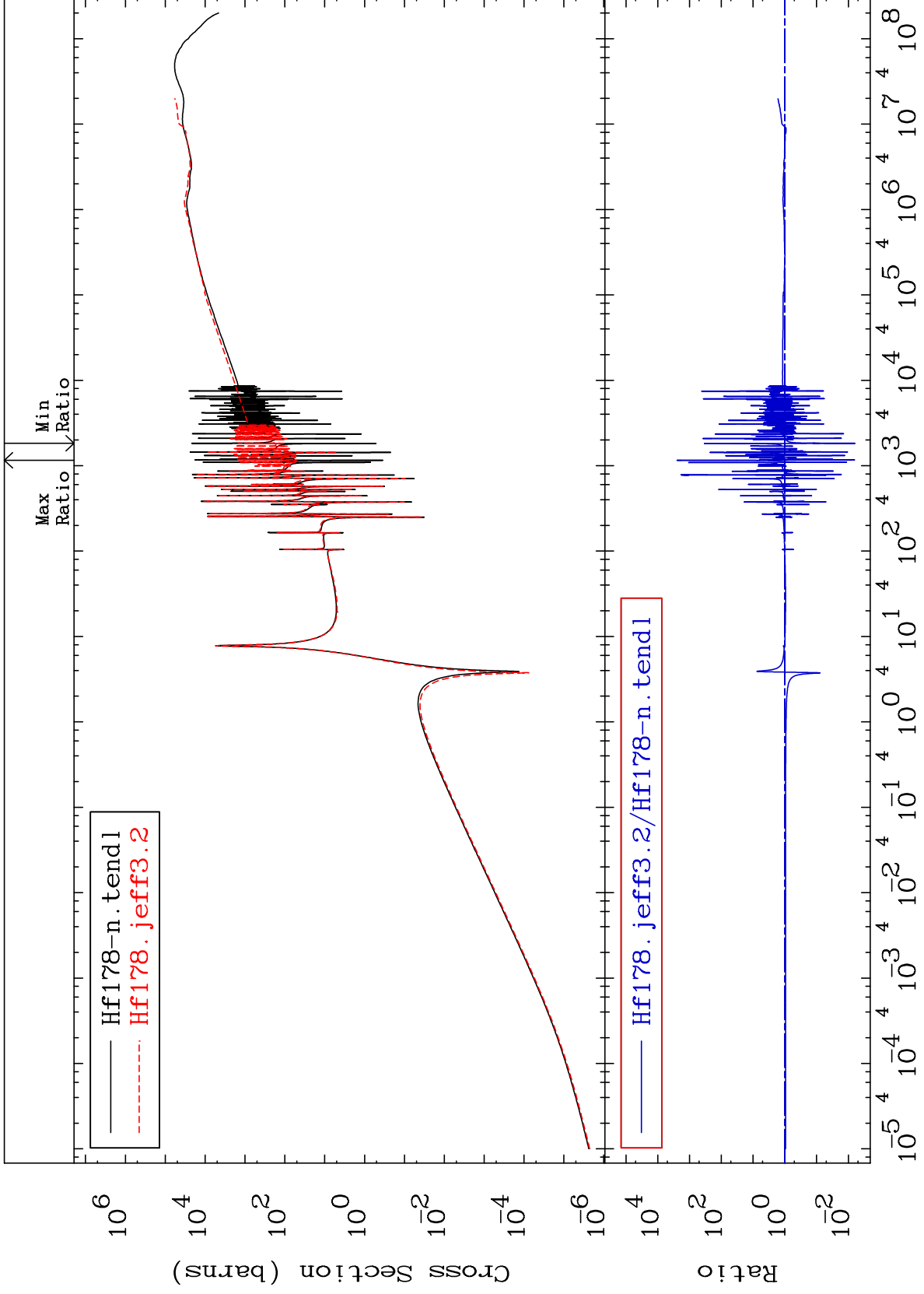
MAT 7237

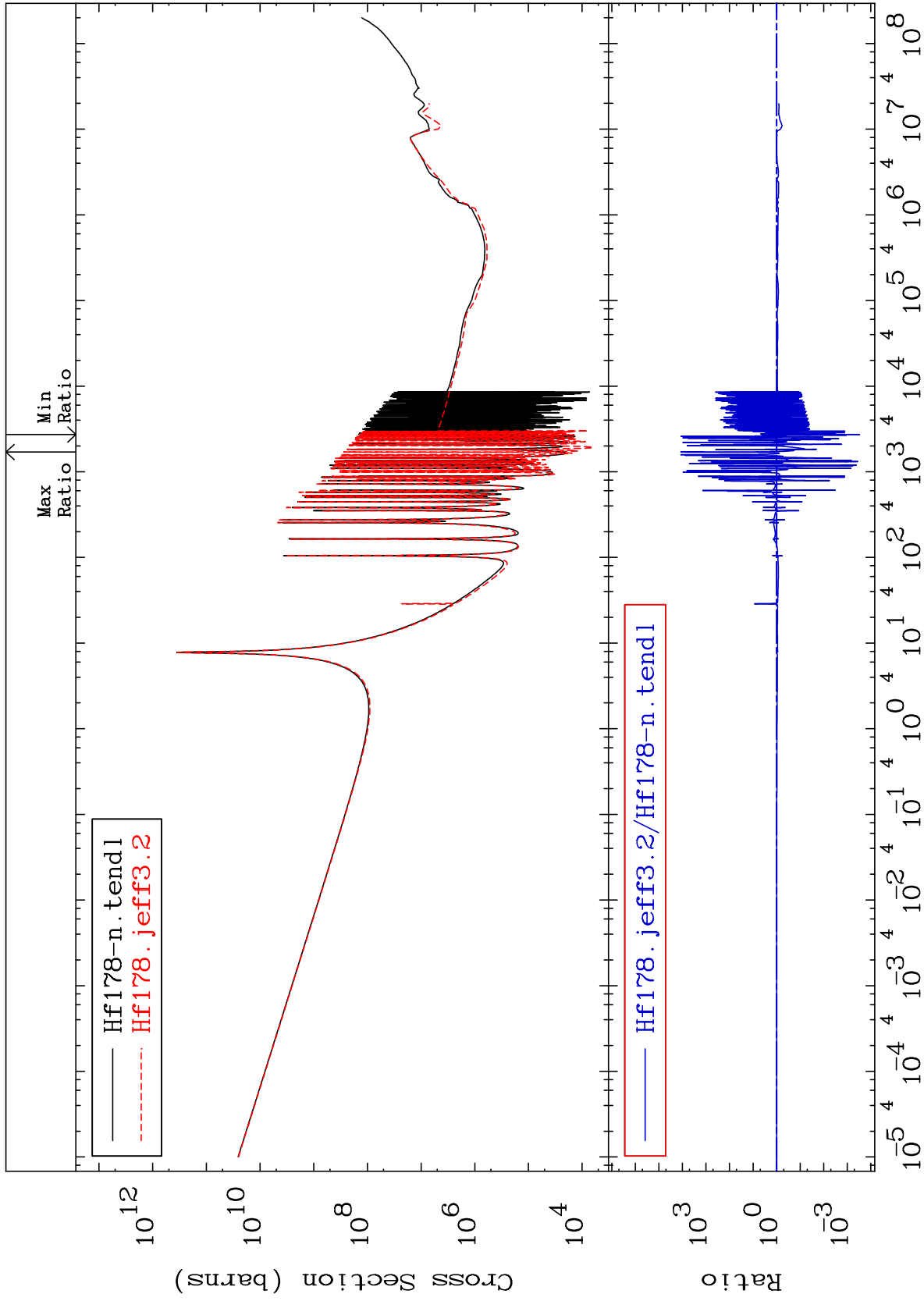
He-4 Production
Cross Section

72-Hf-178
-100.0 To -80.97%





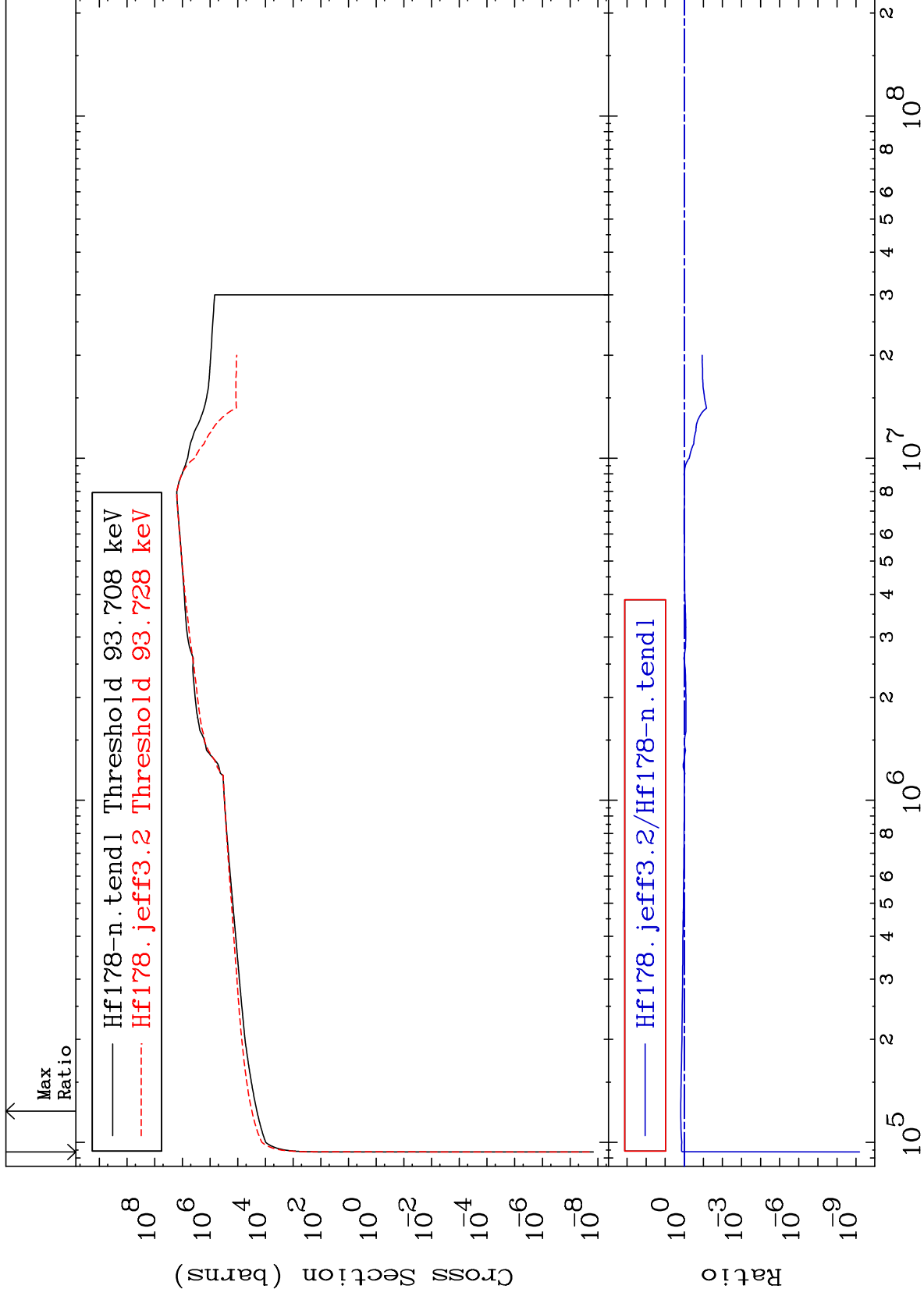




MAT 7237

Kerma inelastic (mt51-91)
Cross Section

72-Hf-178
-100.0 To 52.47 %



36

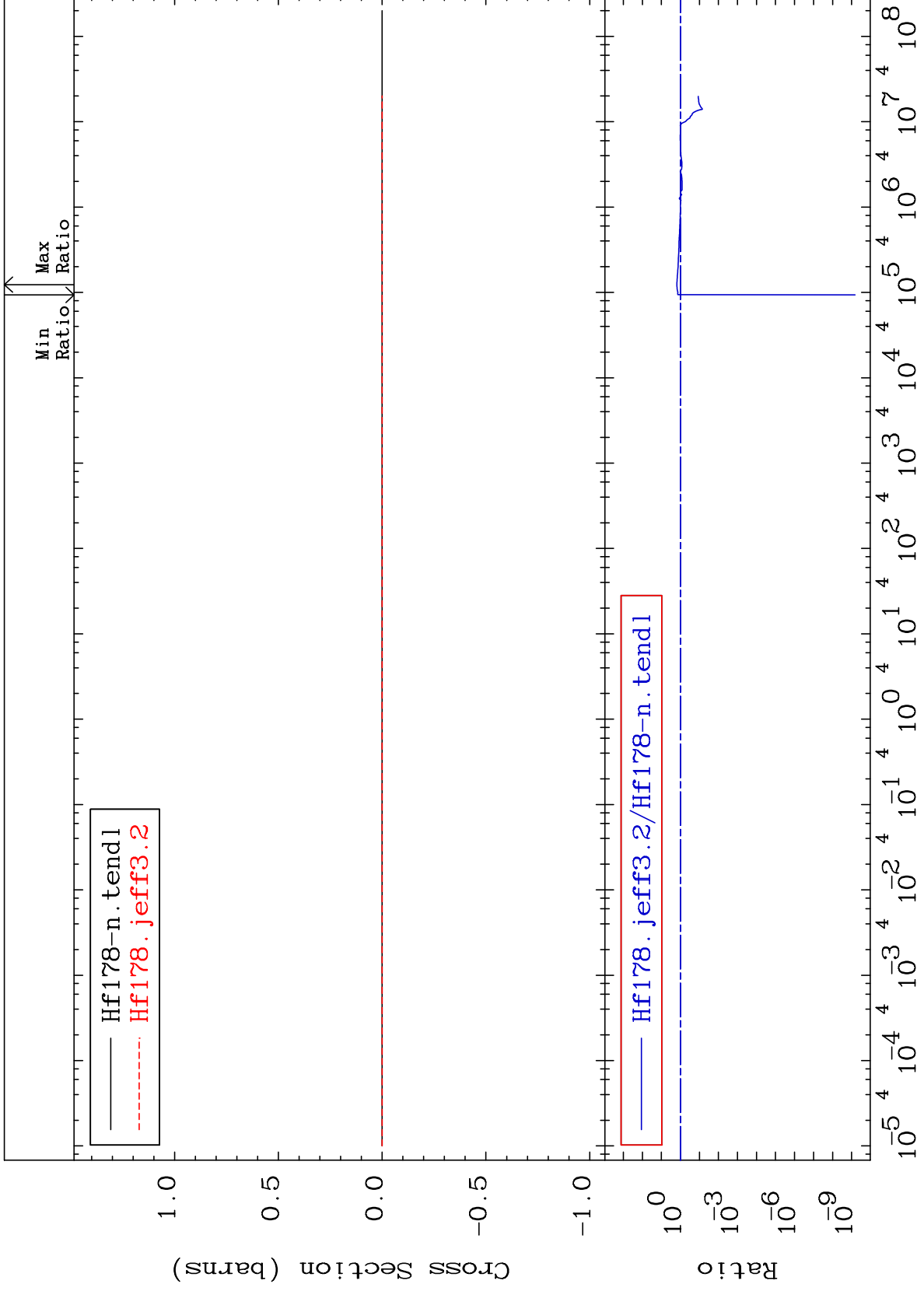
Incident Energy (eV)

72-Hf-178

MAT 7237

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

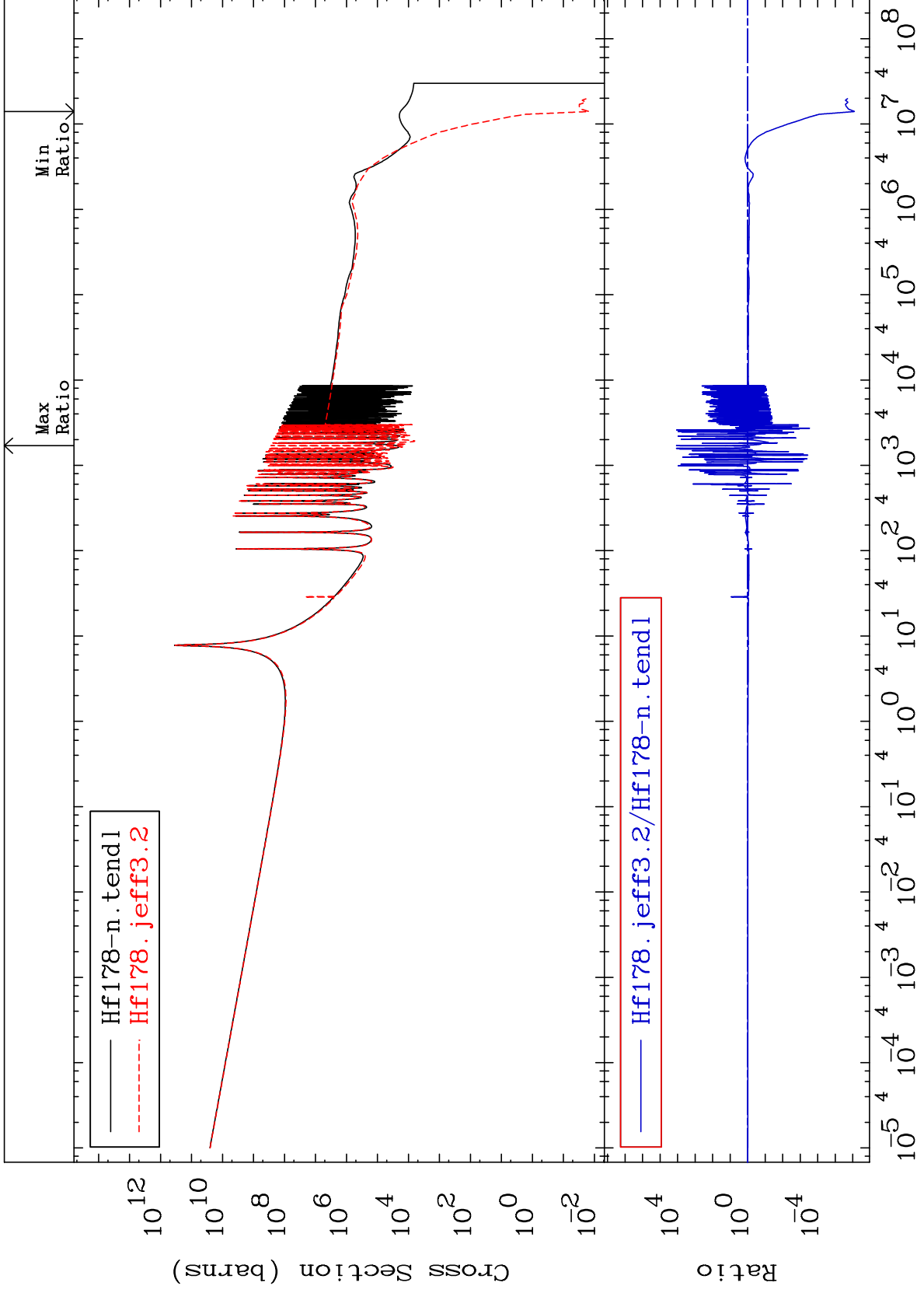
72-Hf-178
-100.0 To 52.47 %



MAT 7237

Kerma capture (mt102)
Cross Section

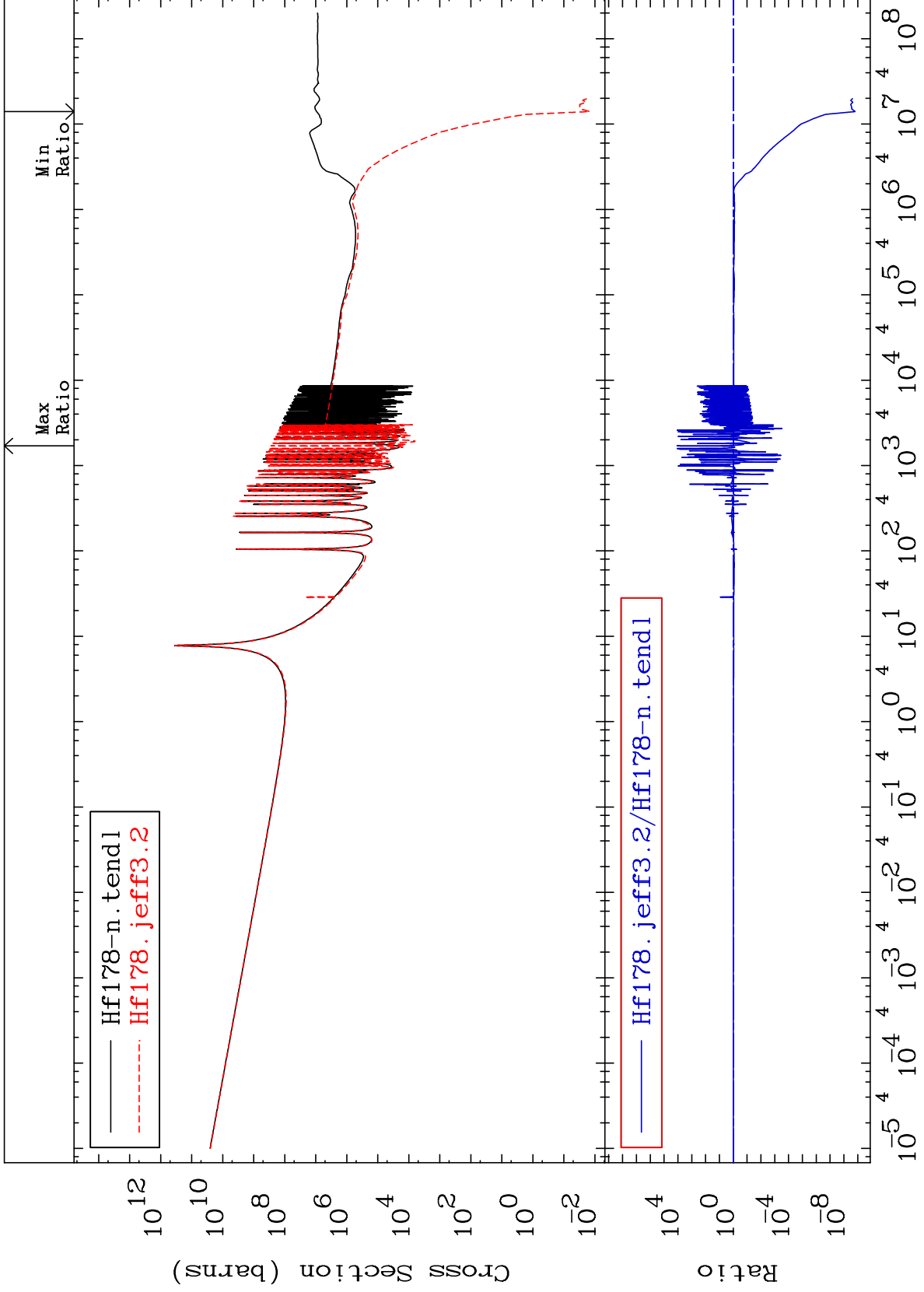
72-Hf-178
-100.0 To 9999. %

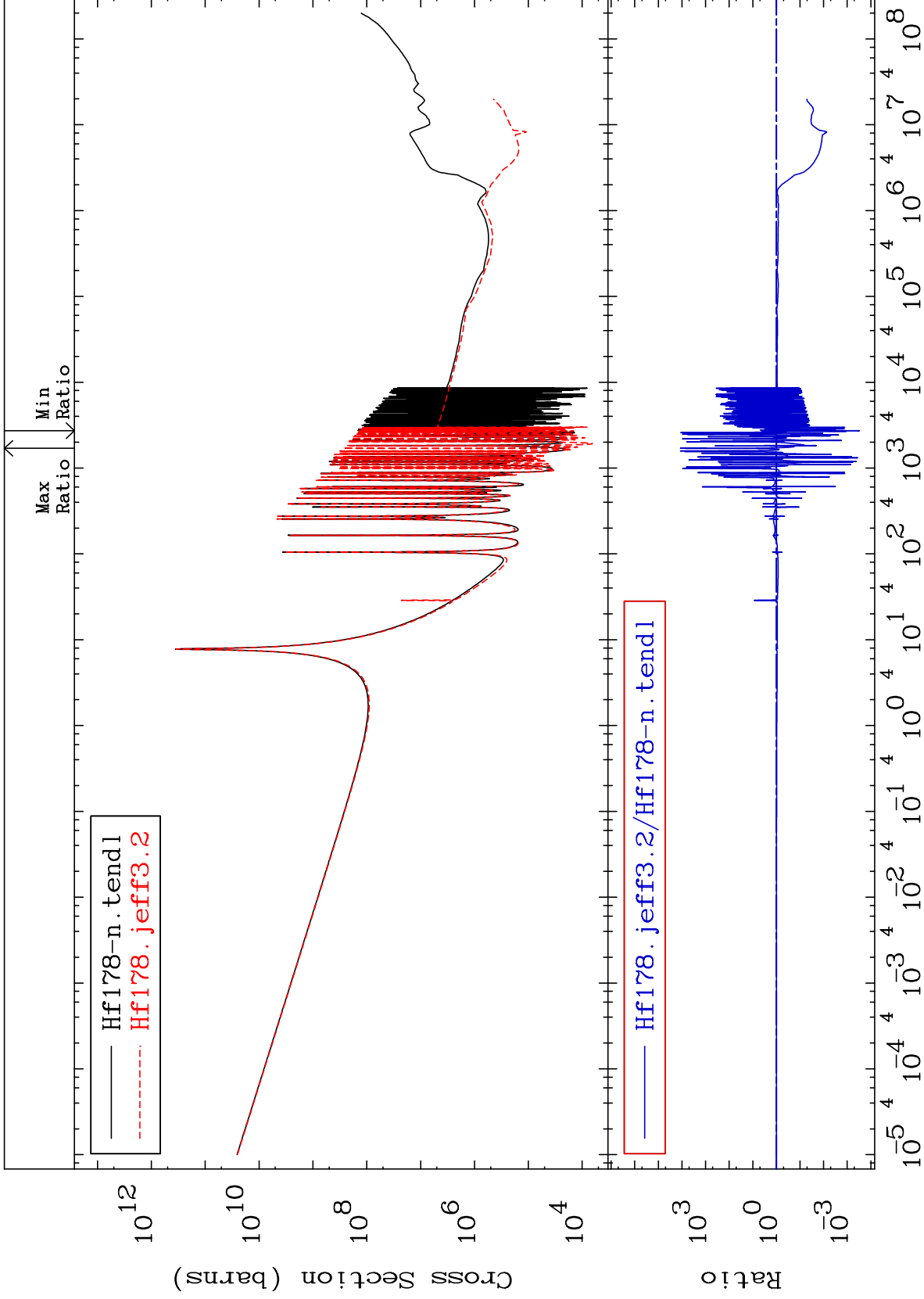


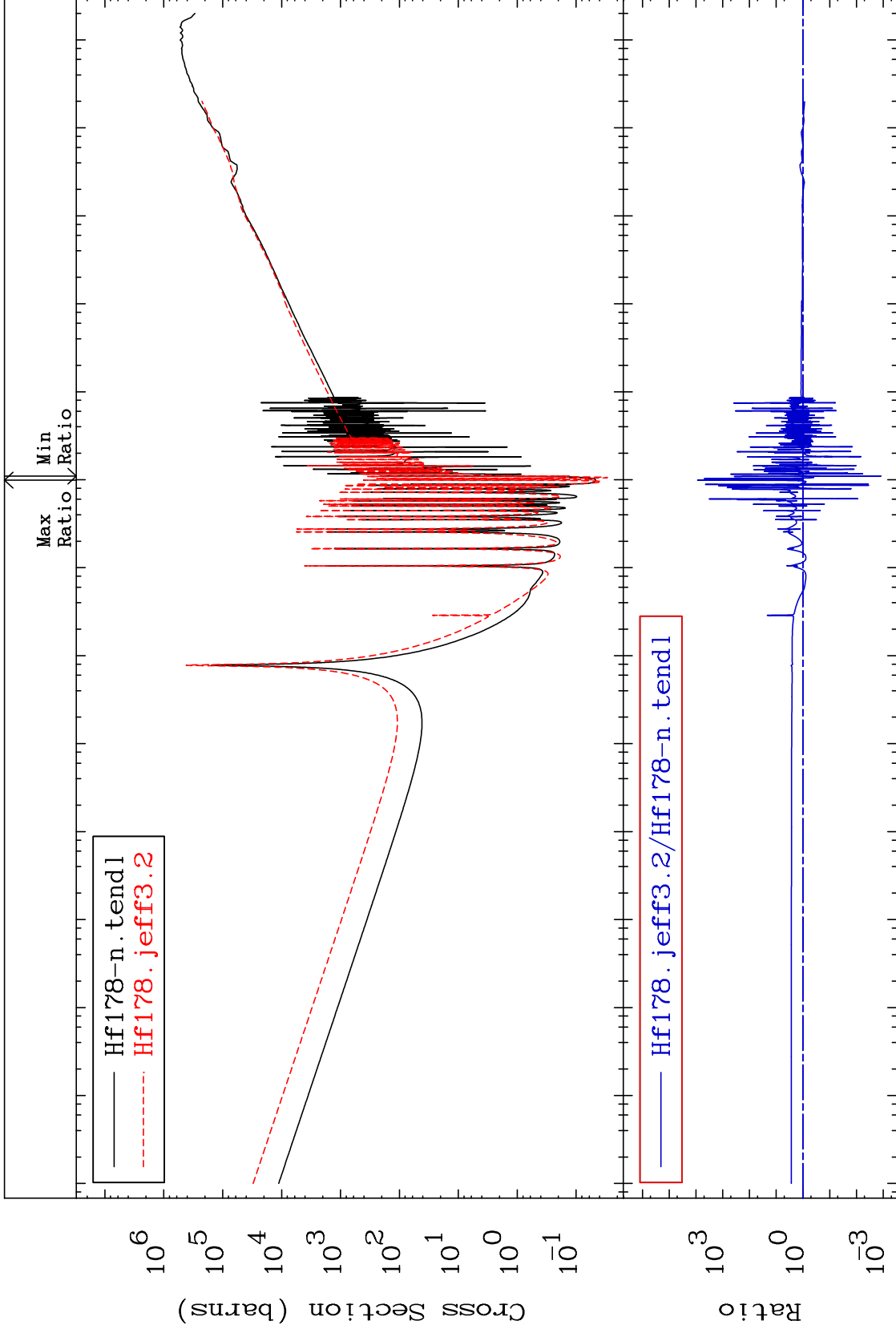
MAT 7237

Total photon (eV-barns)
Cross Section

72-Hf-178
-100.0 To 9999. %



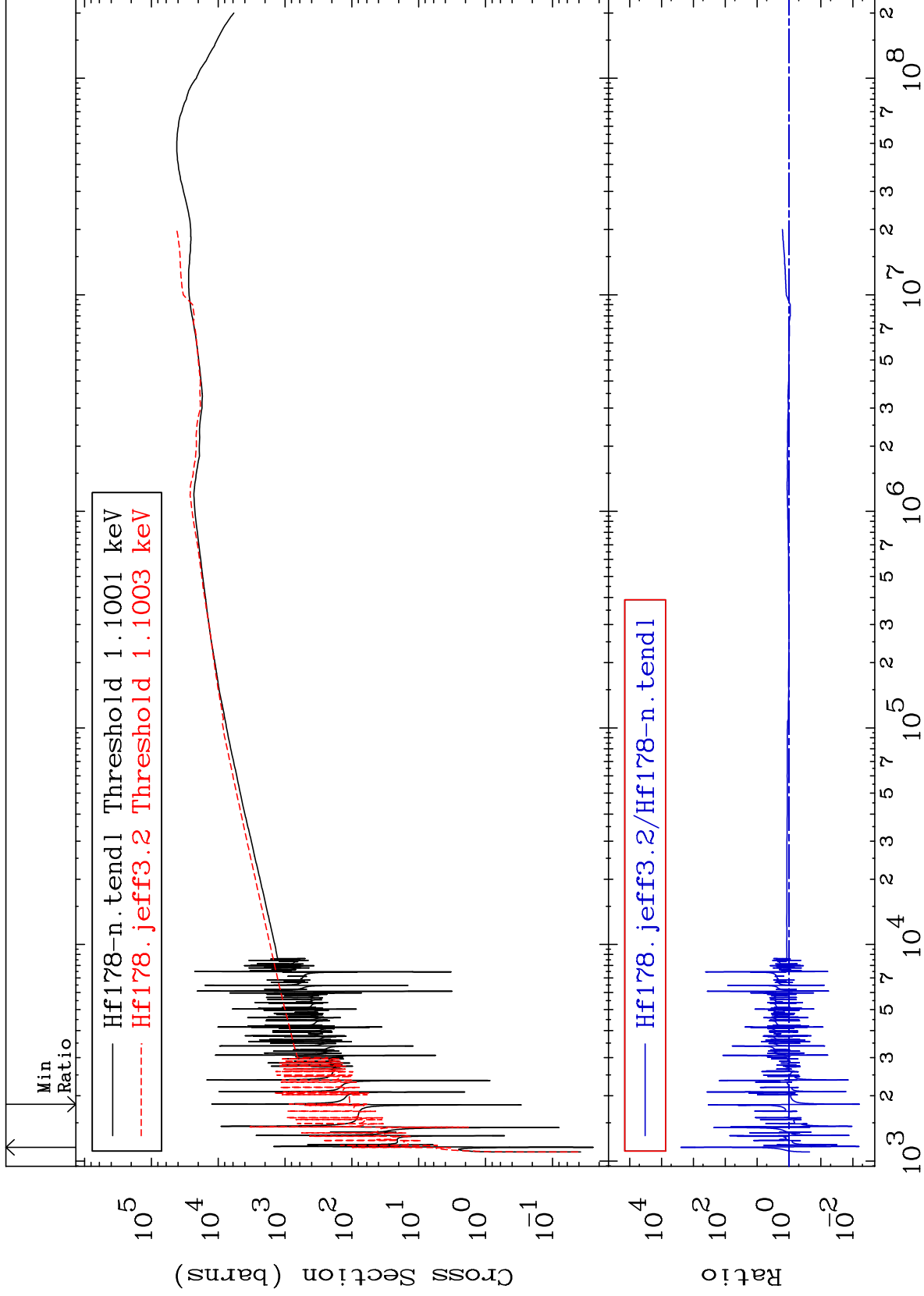




MAT 7237

Dpa elastic (mt2)
Cross Section

72-Hf-178
-99.39 To 9999. %



MAT 7237

Dpa inelastic (mt51-91)
Cross Section

72-Hf-178
-100.0 To 127.4 %

