

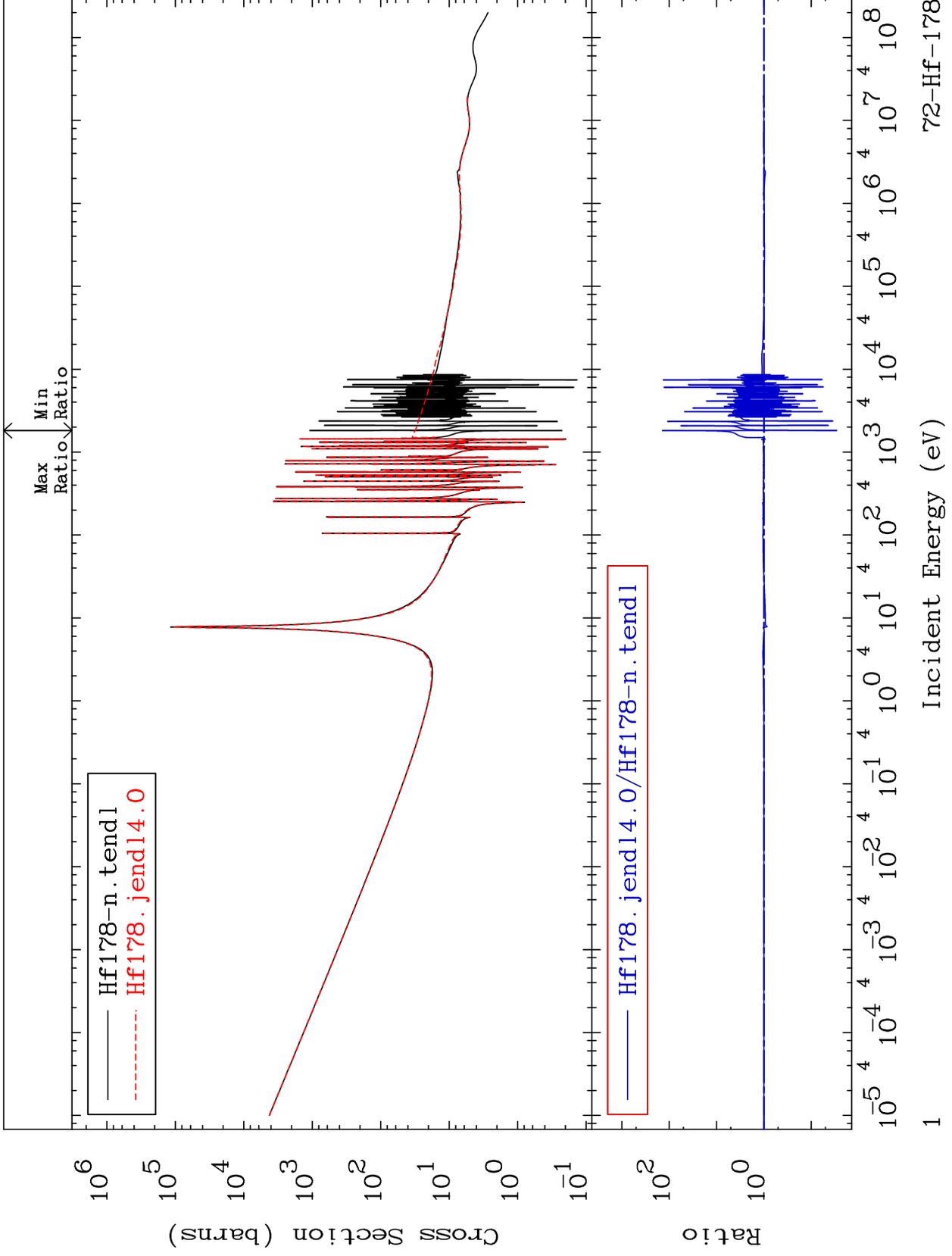
MAT 7237

Total

Cross Section

72-Hf-178

-97.12 To 9999. %



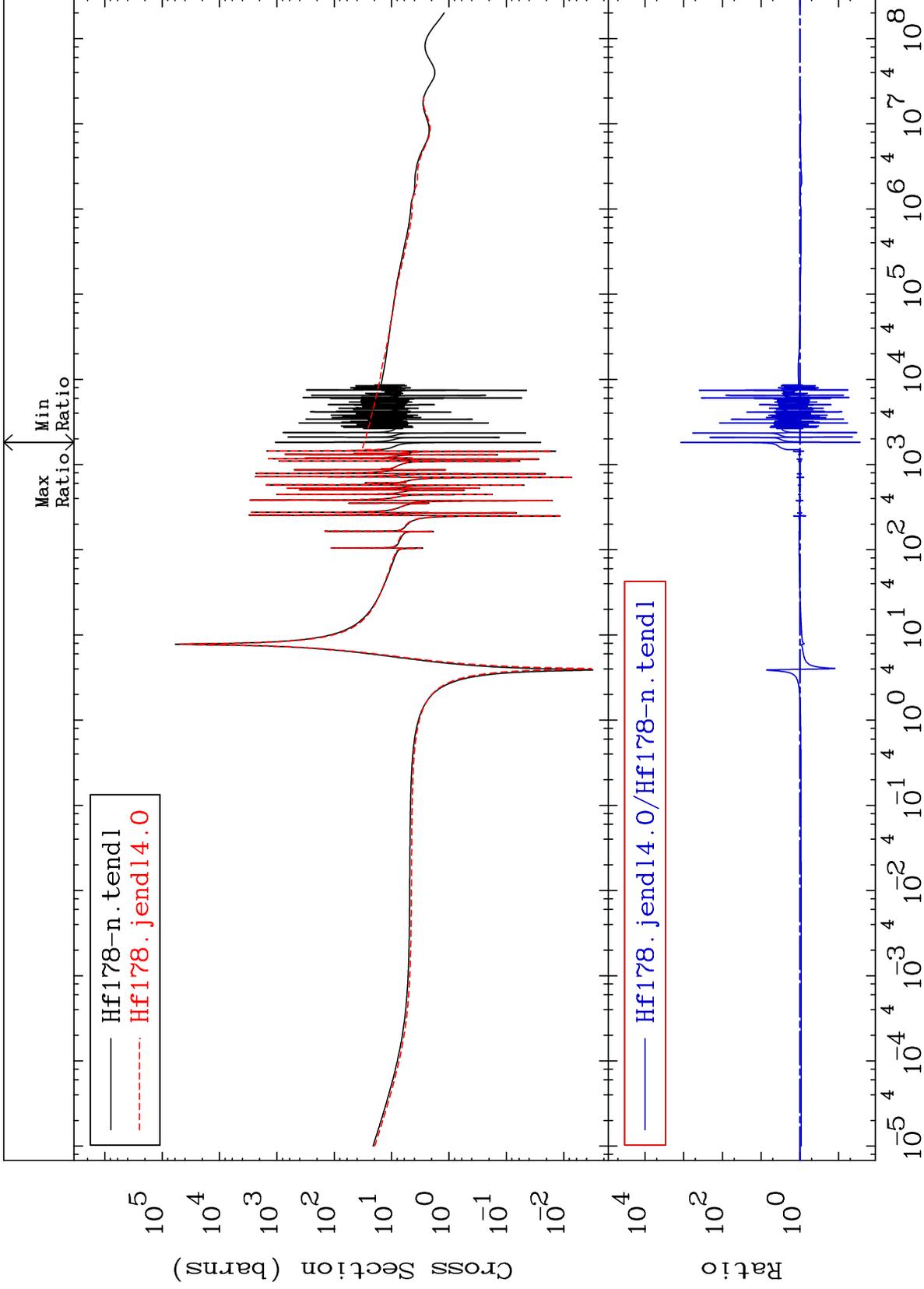
Incident Energy (eV)

72-Hf-178

MAT 7237

Elastic
Cross Section

72-Hf-178
-97.20 To 9999. %



2

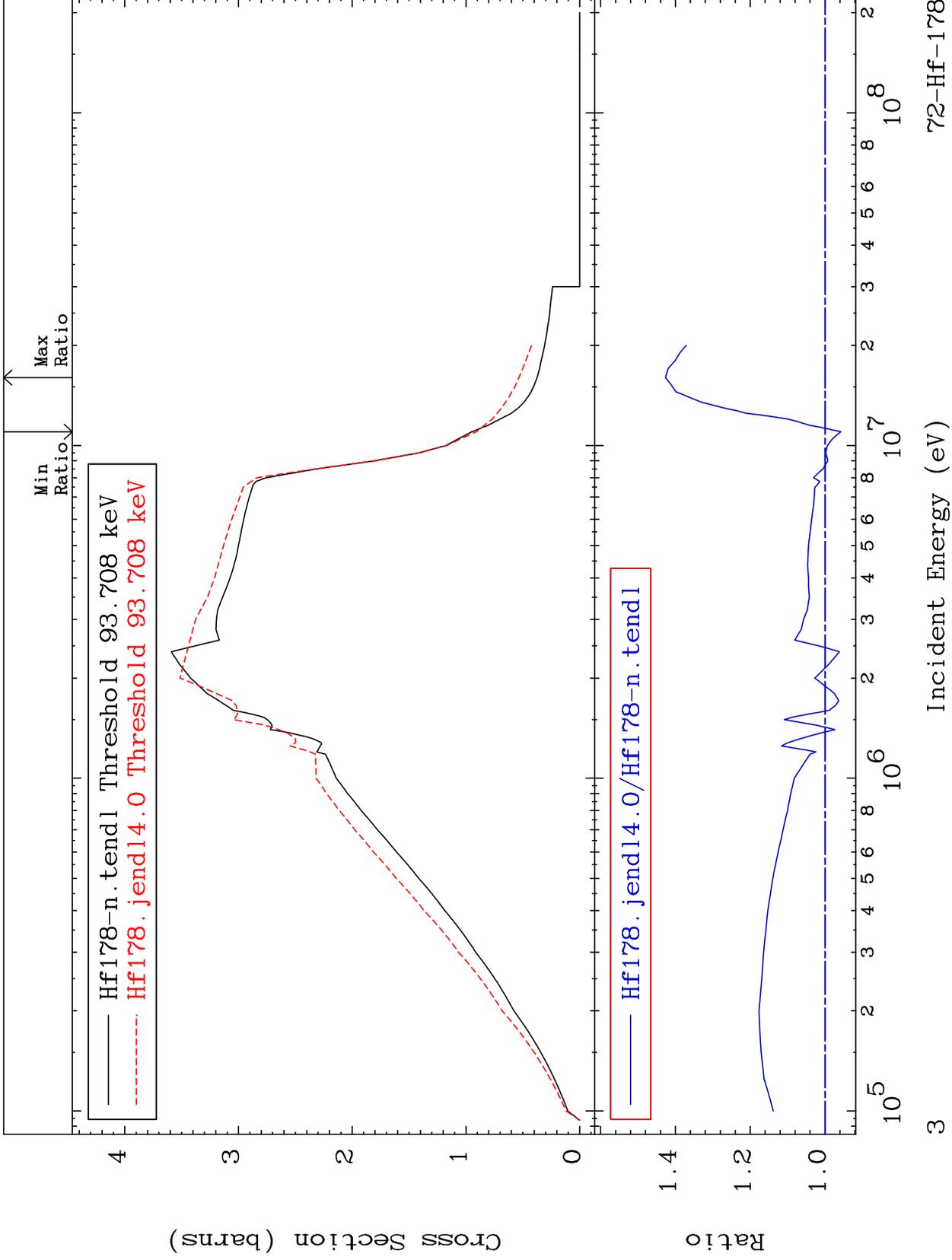
Incident Energy (eV)

72-Hf-178

MAT 7237

Inelastic
Cross Section

72-Hf-178
-4.224 To 42.65 %



Incident Energy (eV)

72-Hf-178

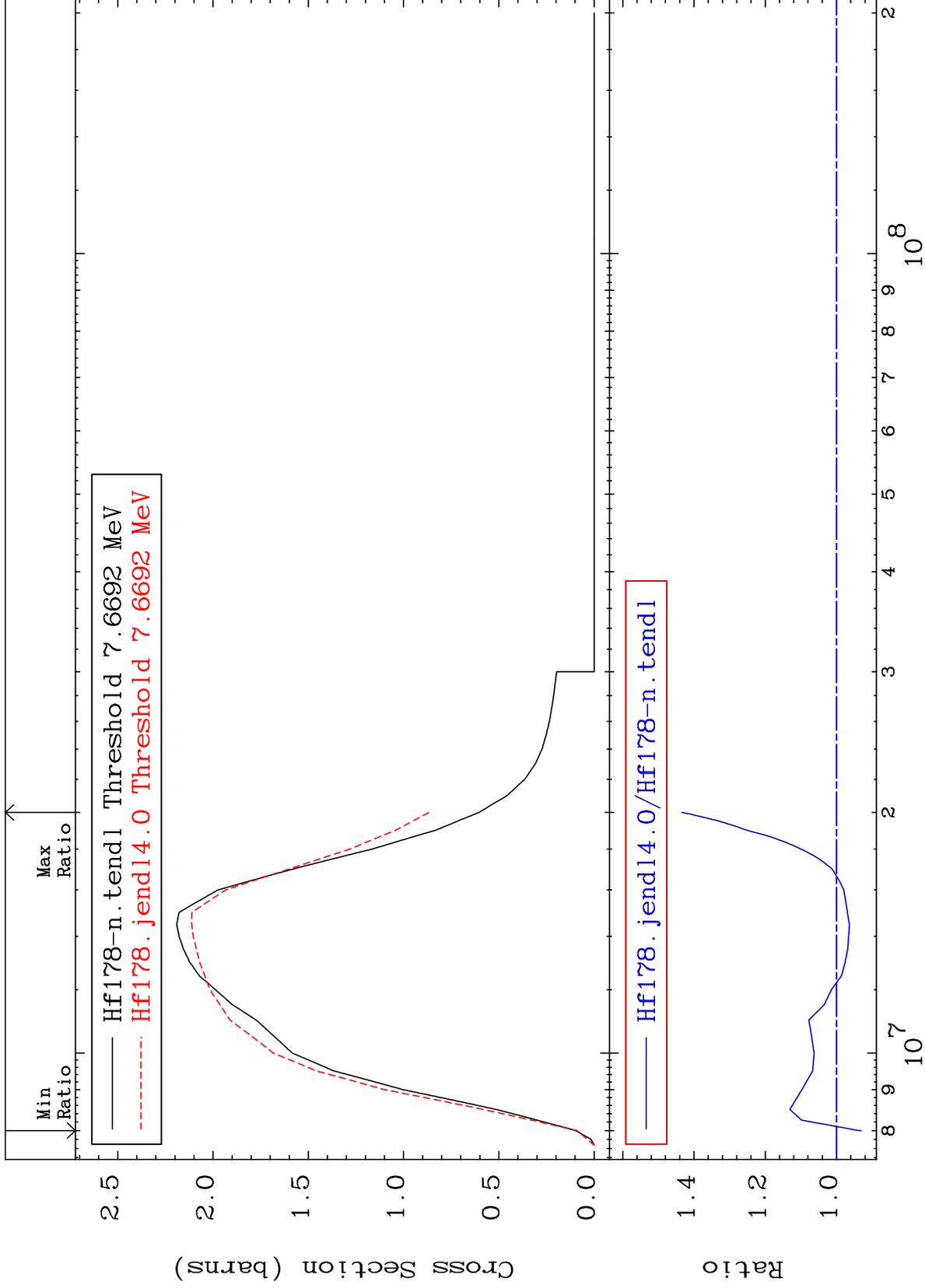
MAT 7237

(n,2n)

⁷²Hf-178

Cross Section

-6.911 To 43.38 %



Incident Energy (eV)

⁷²Hf-178

4

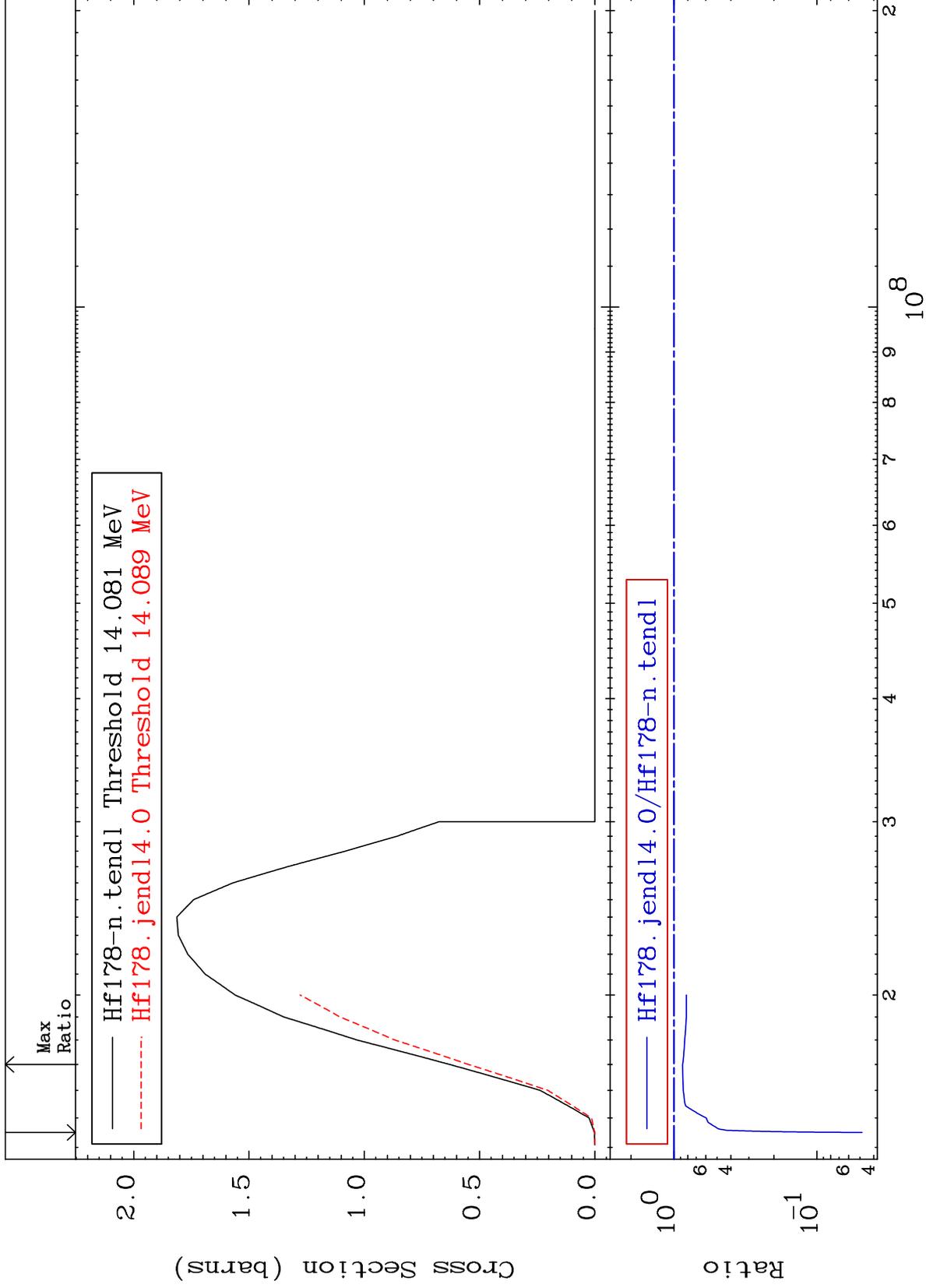
MAT 7237

(n,3n)

72-Hf-178

Cross Section

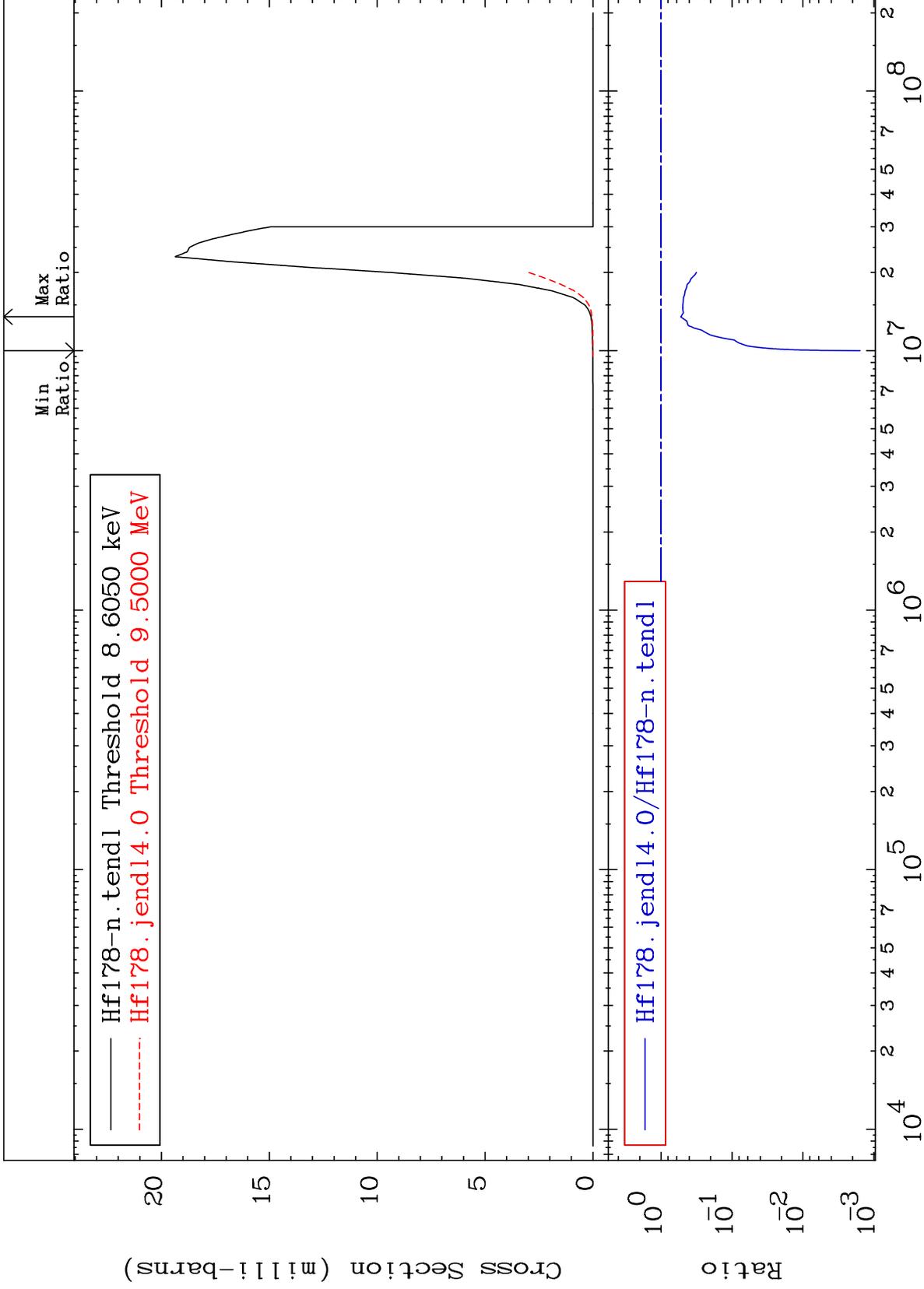
-95.16 To -13.02%



MAT 7237

(n, n') α
Cross Section

72-Hf-178
-99.84 To -47.21%



6

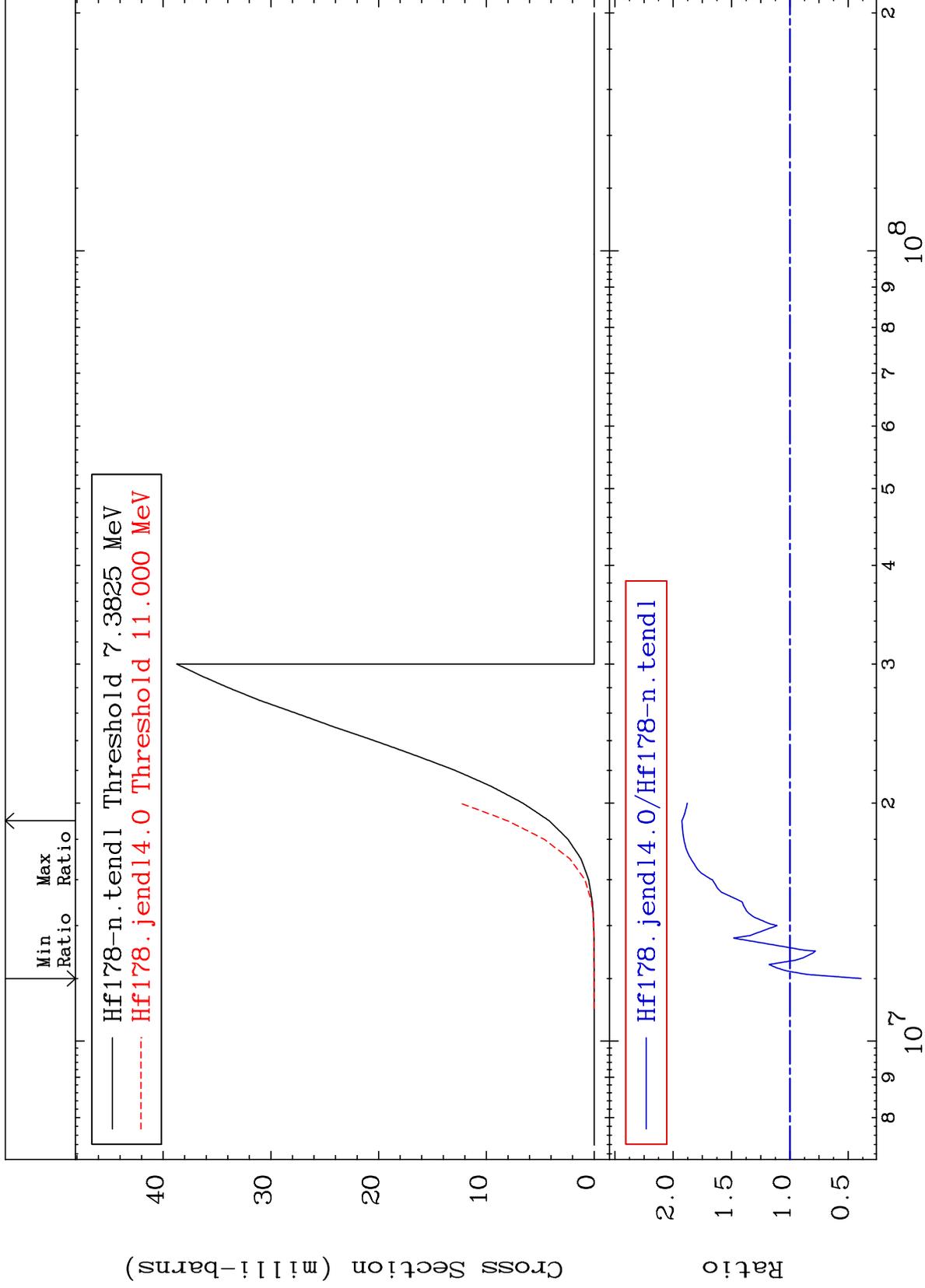
Incident Energy (eV)

72-Hf-178

MAT 7237

(n,n') p
Cross Section

72-Hf-178
-61.05 To 92.52 %



7

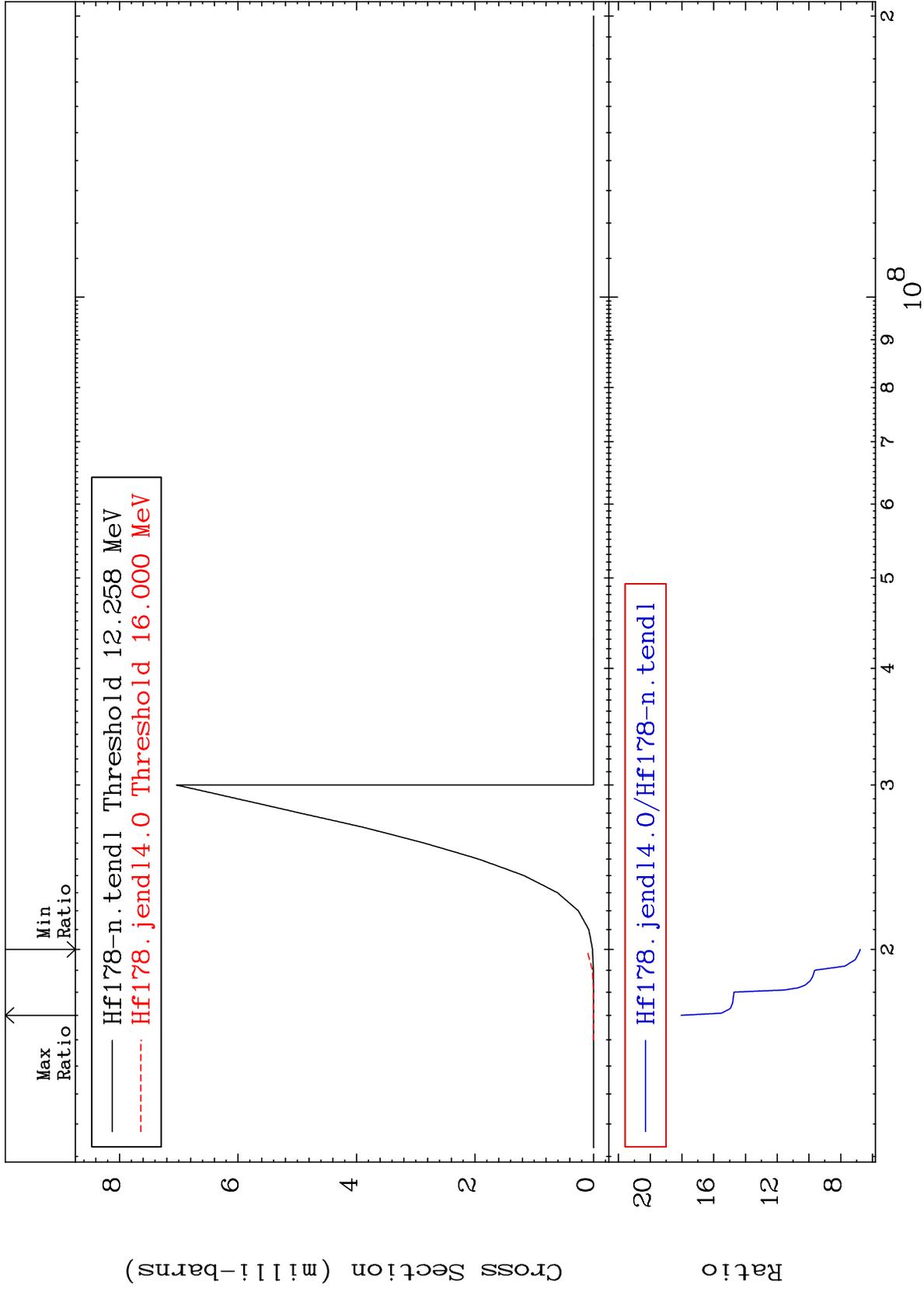
Incident Energy (eV)

72-Hf-178

MAT 7237

(n,n') d
Cross Section

72-Hf-178
577.3 To 1705. %



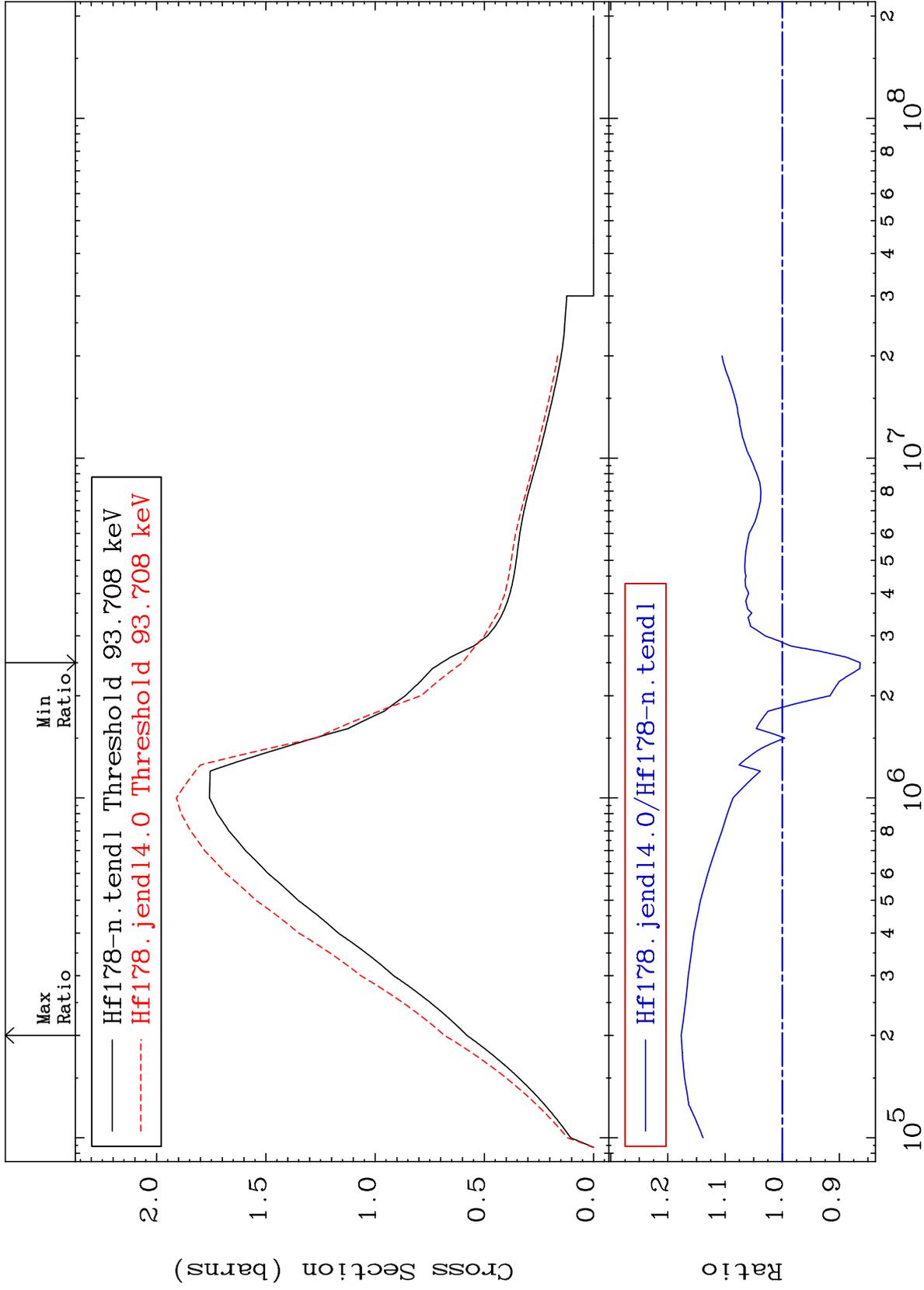
MAT 7237

93.18 keV (n,n') Level

⁷²Hf-178

-13.64 To 17.67 %

Cross Section



9

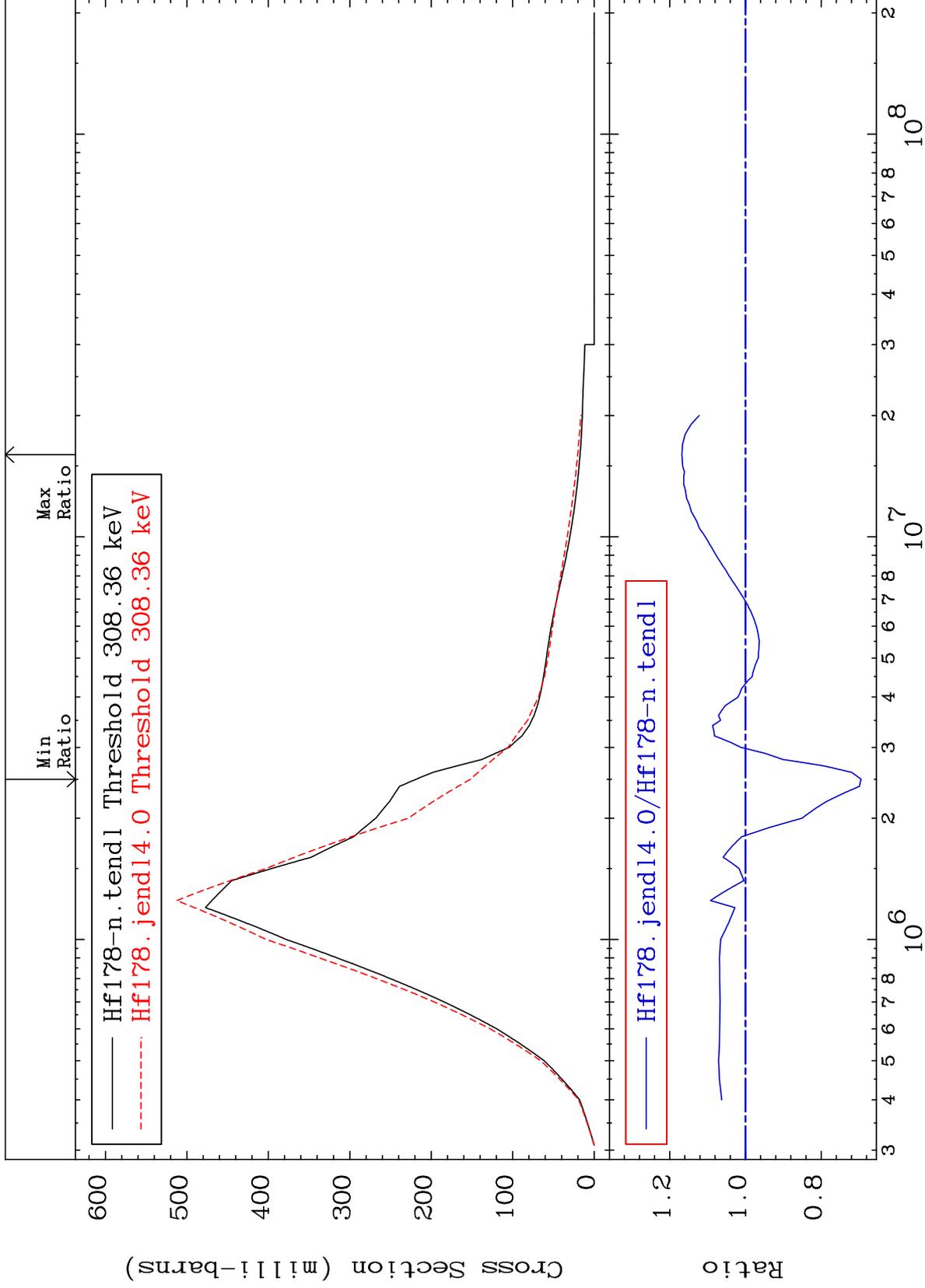
Incident Energy (eV)

⁷²Hf-178

MAT 7237

306.6 keV (n,n') Level
Cross Section

72-Hf-178
-30.56 To 16.78 %



10

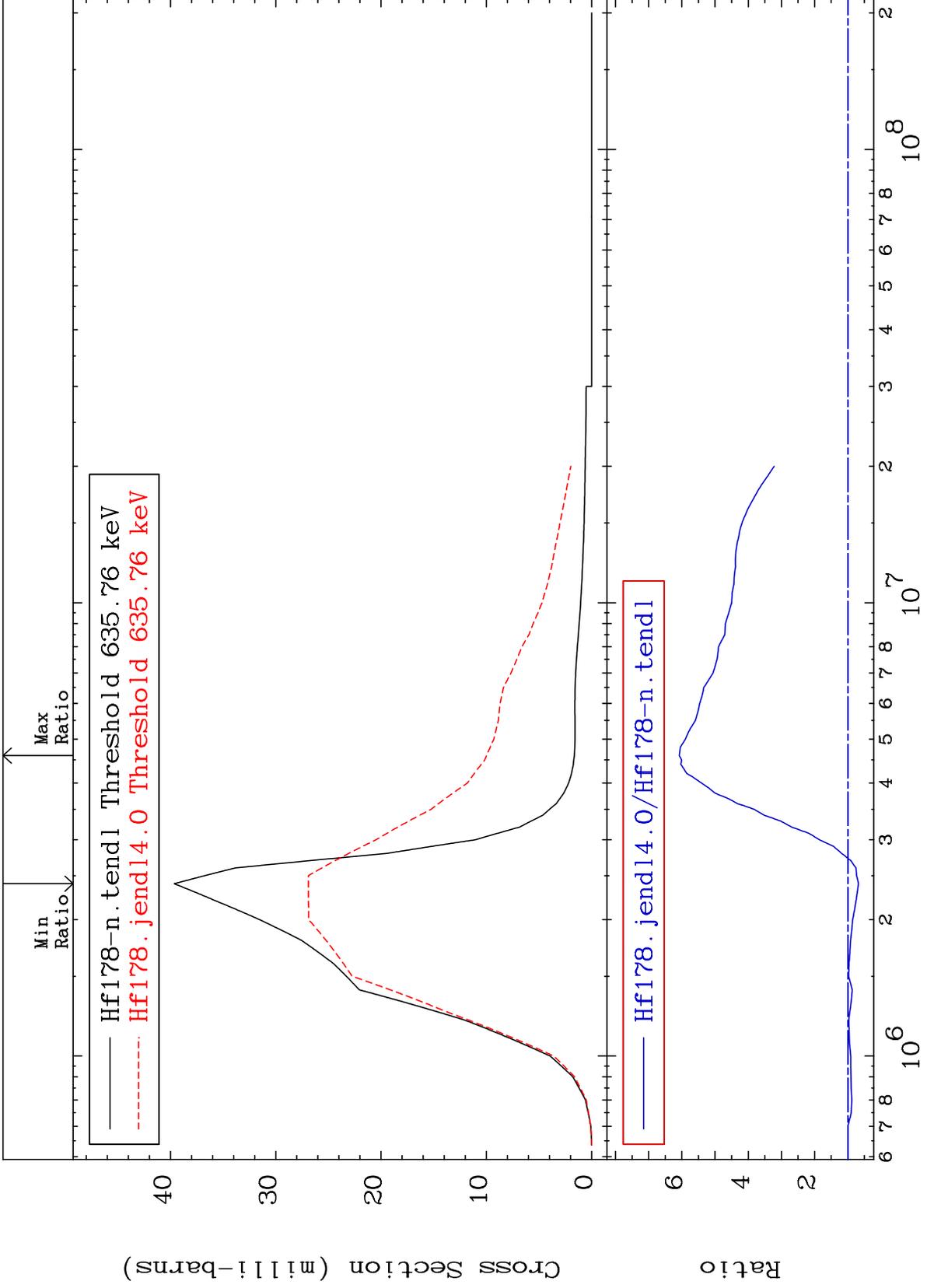
Incident Energy (eV)

72-Hf-178

MAT 7237

632.2 keV (n,n') Level
Cross Section

72-Hf-178
-32.14 To 507.6 %



11

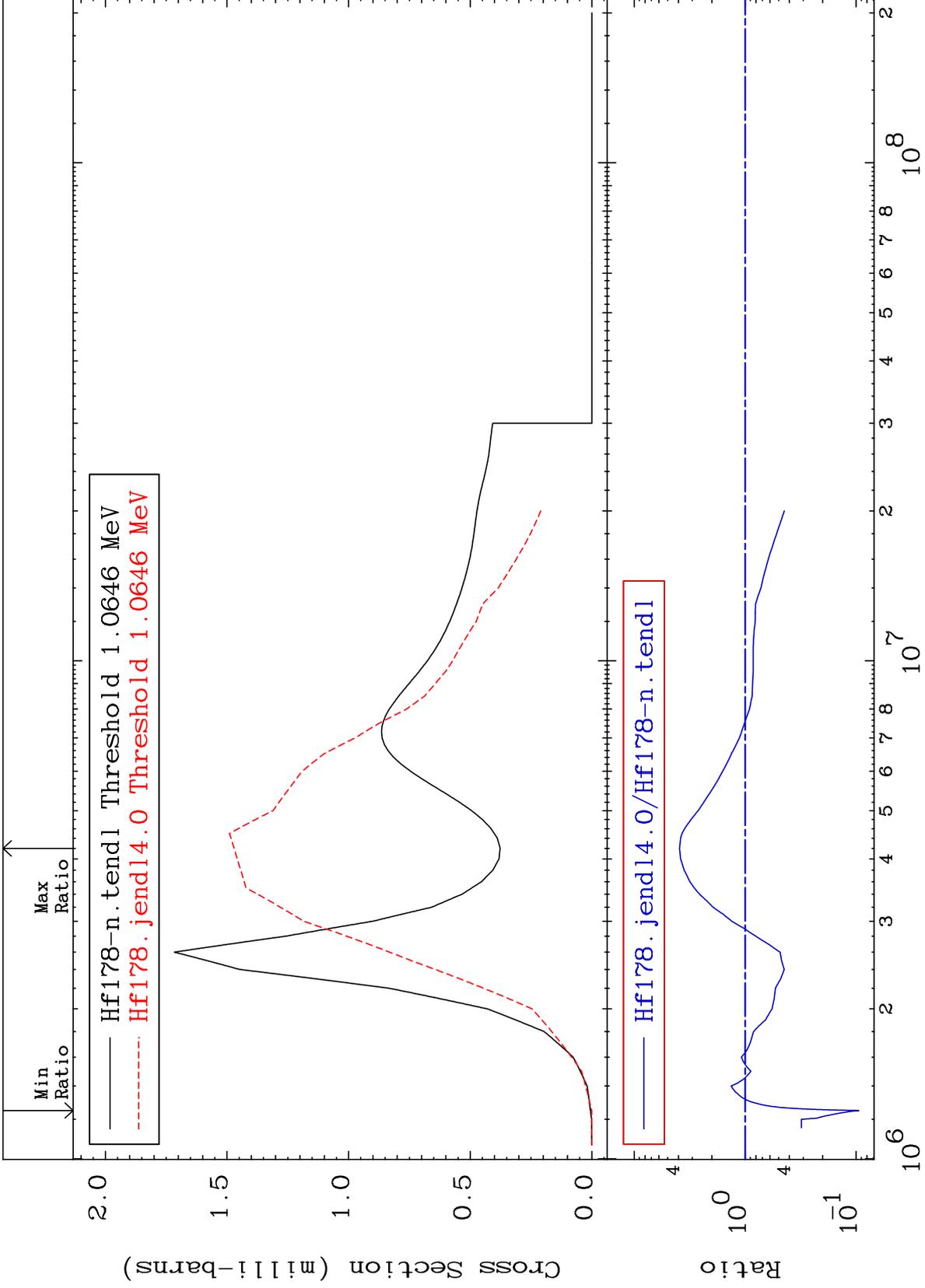
Incident Energy (eV)

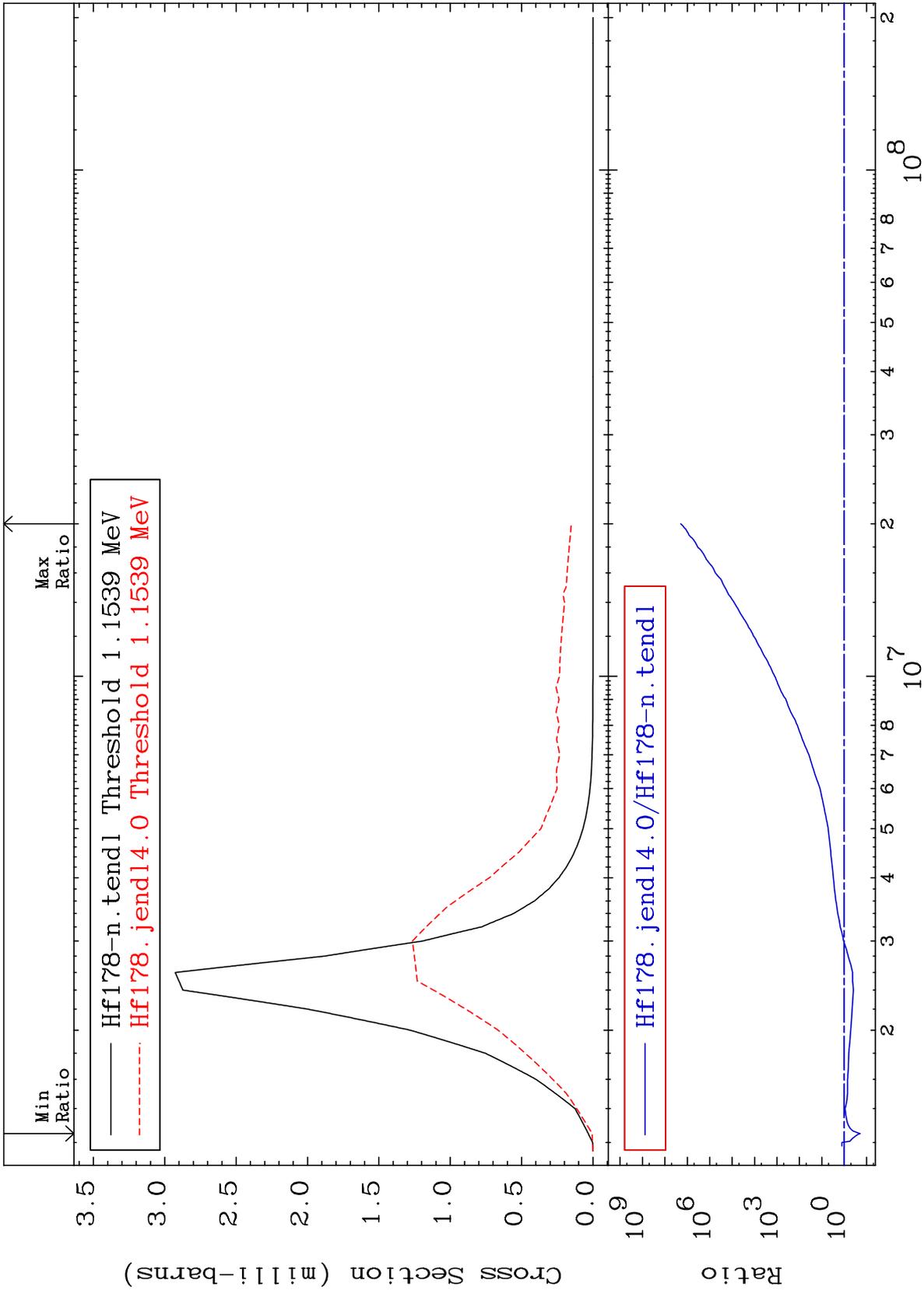
72-Hf-178

MAT 7237

1.059 MeV (n,n') Level
Cross Section

72-Hf-178
-90.54 To 290.3 %

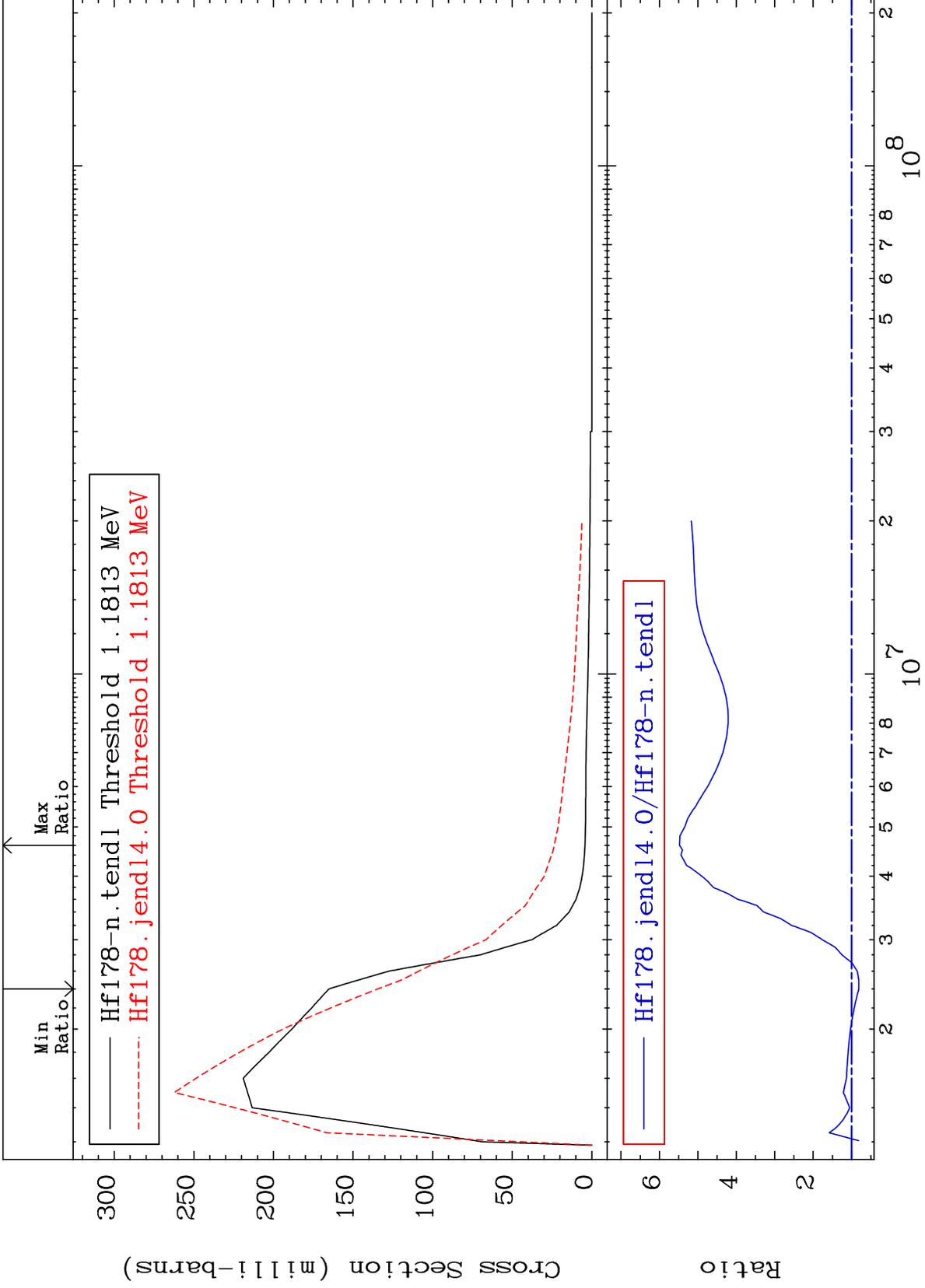




MAT 7237

1.175 MeV (n,n') Level
Cross Section

72-Hf-178
-18.67 To 447.6 %



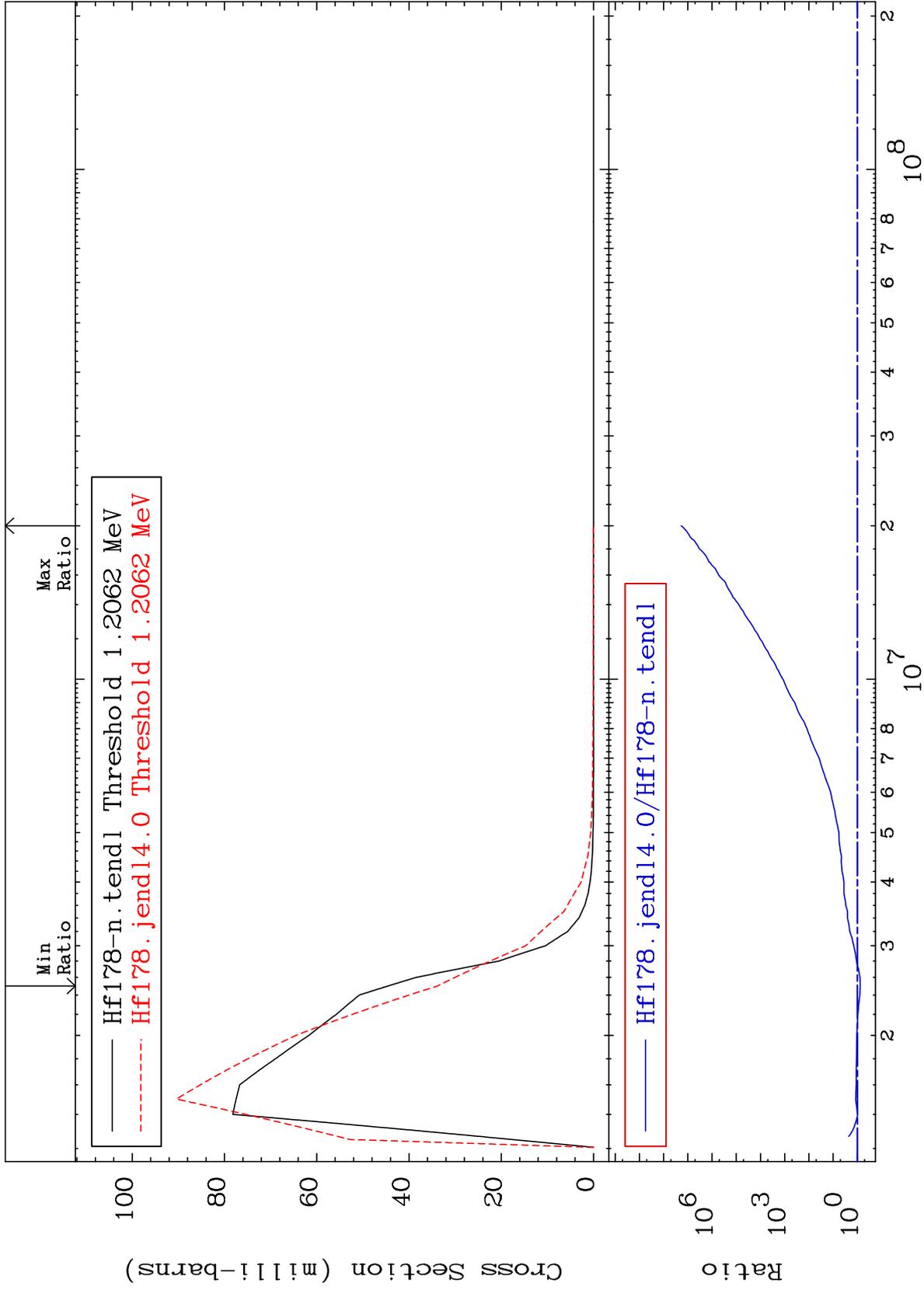
MAT 7237

1.199 MeV (n,n') Level

72-Hf-178

-24.10 To 9999. %

Cross Section



15

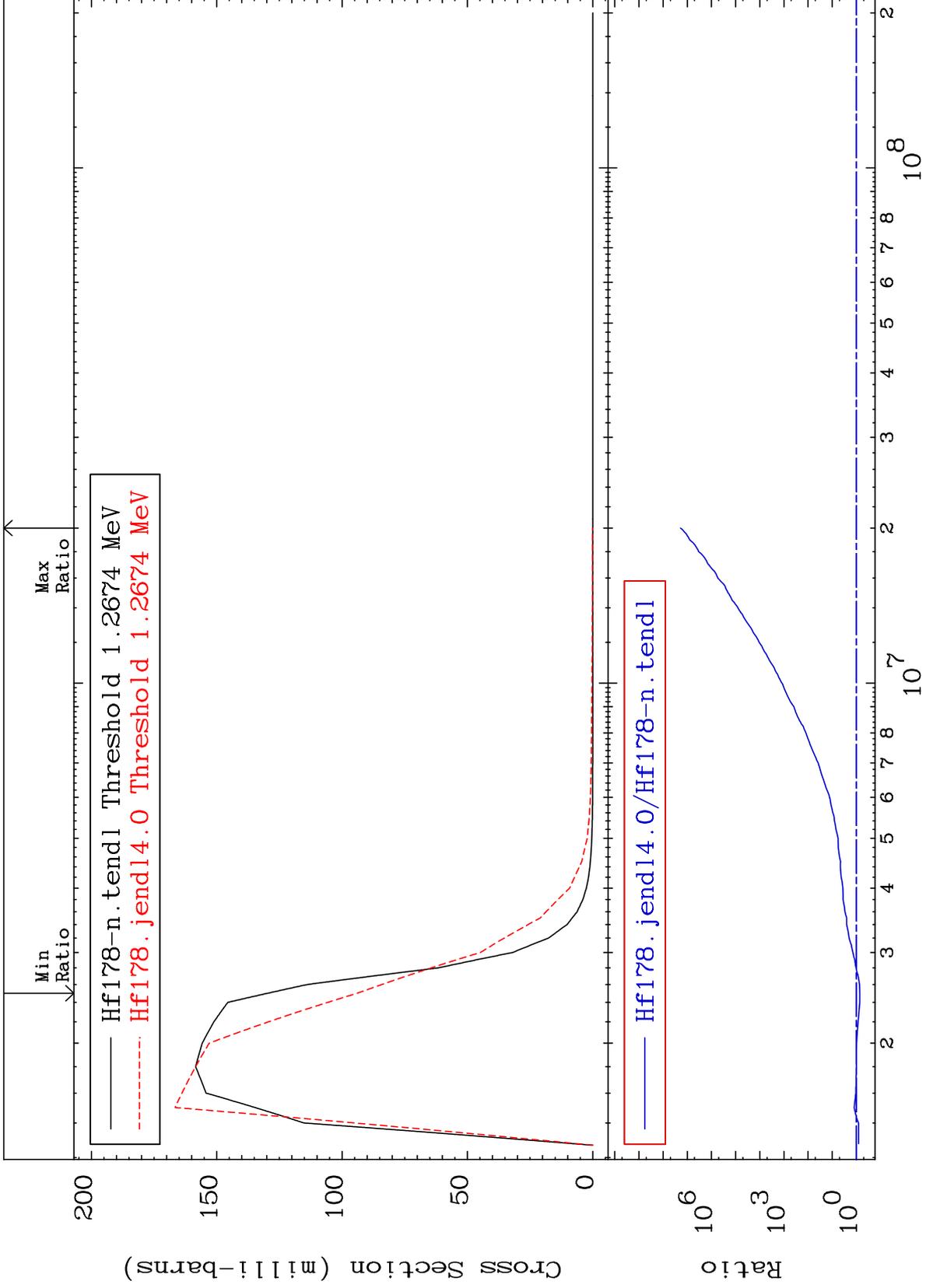
Incident Energy (eV)

72-Hf-178

MAT 7237

1.260 MeV (n,n') Level
Cross Section

72-Hf-178
-27.56 To 9999. %



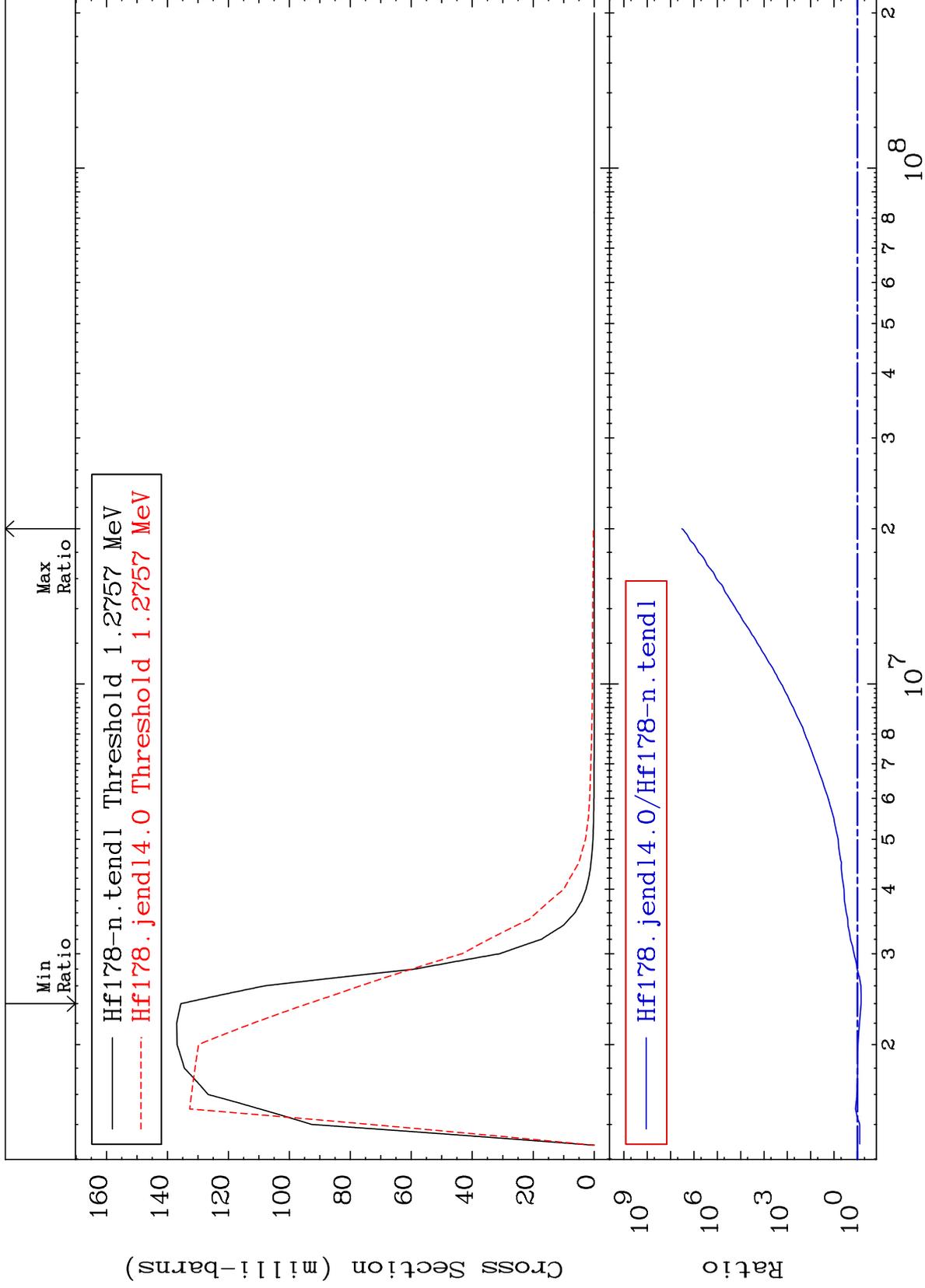
MAT 7237

1.269 MeV (n,n') Level

⁷²Hf-178

-30.77 To 9999. %

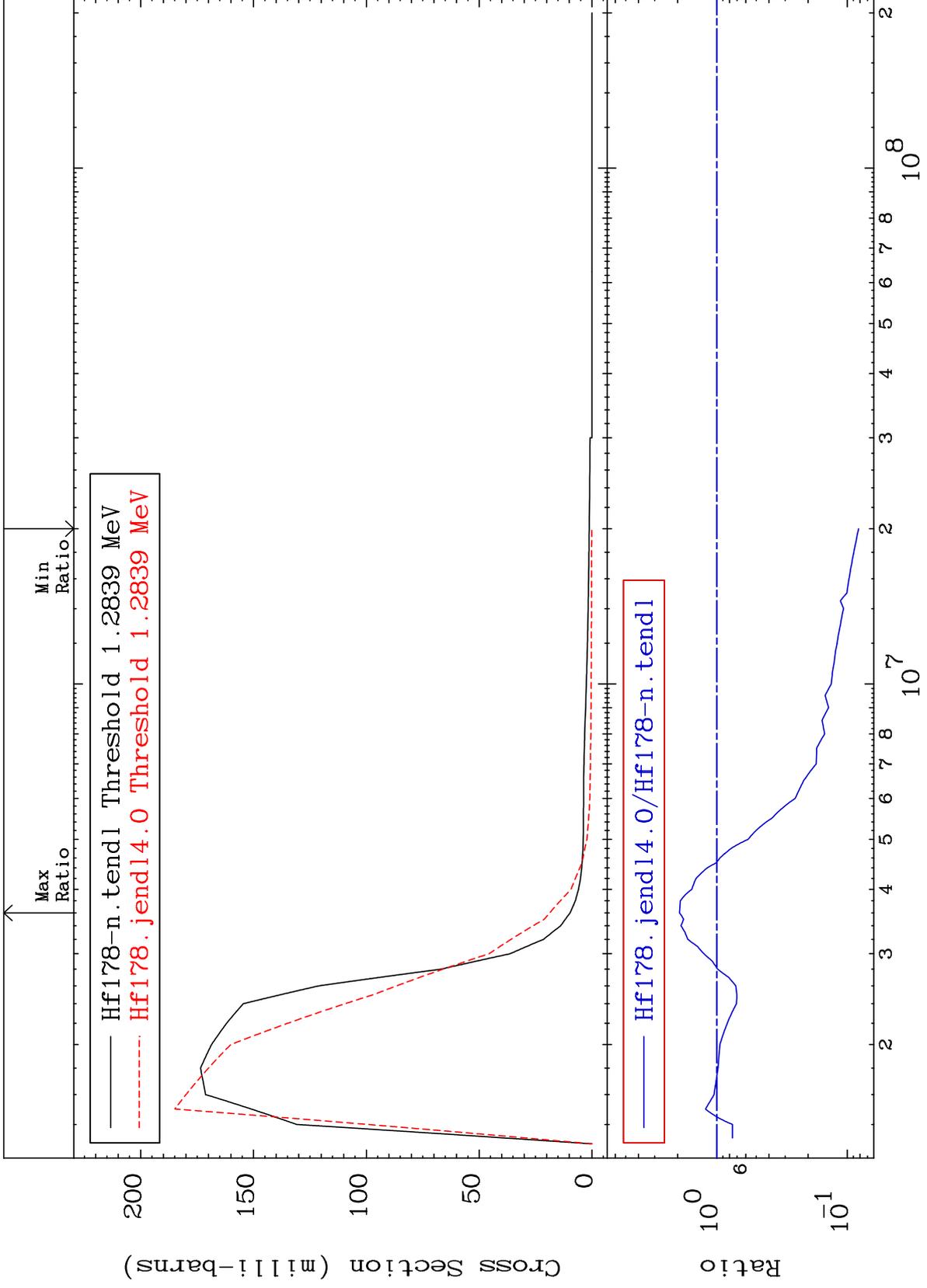
Cross Section



MAT 7237

1.277 MeV (n,n') Level
Cross Section

72-Hf-178
-91.79 To 93.40 %



18

72-Hf-178

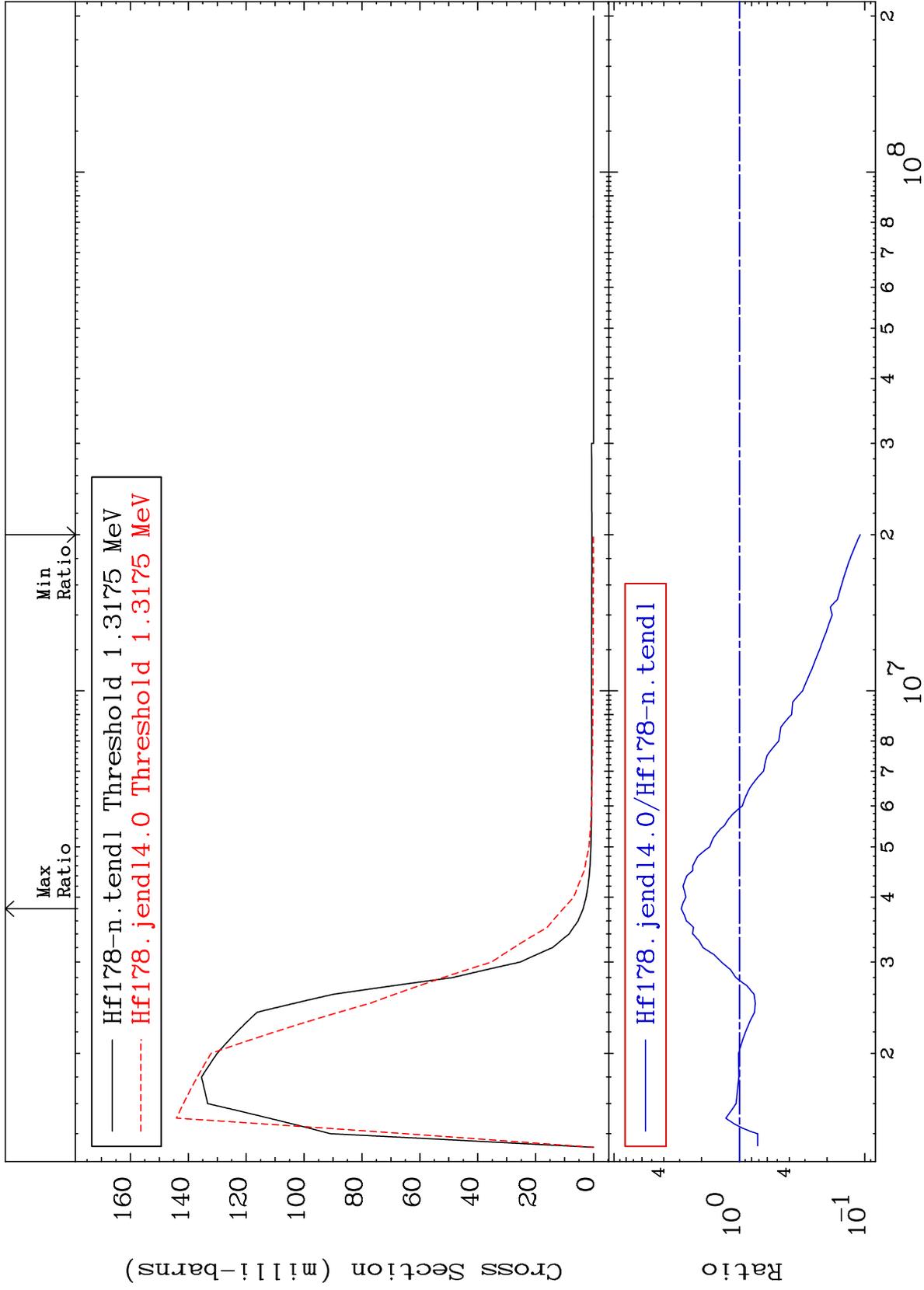
72-Hf-178

MAT 7237

1.310 MeV (n,n') Level

72-Hf-178

-89.12 To 191.4 %



19

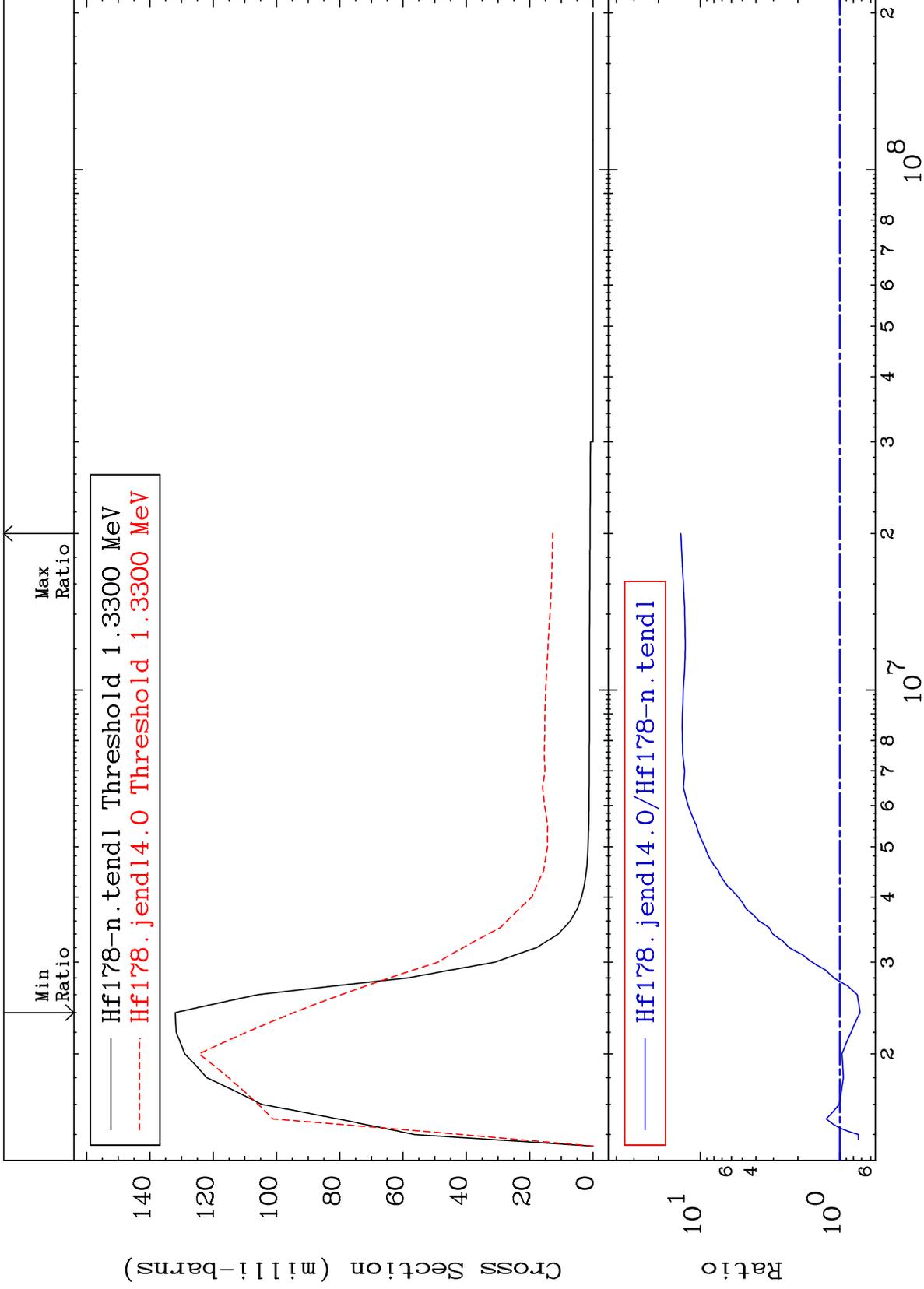
Incident Energy (eV)

72-Hf-178

MAT 7237

1.322 MeV (n,n') Level
Cross Section

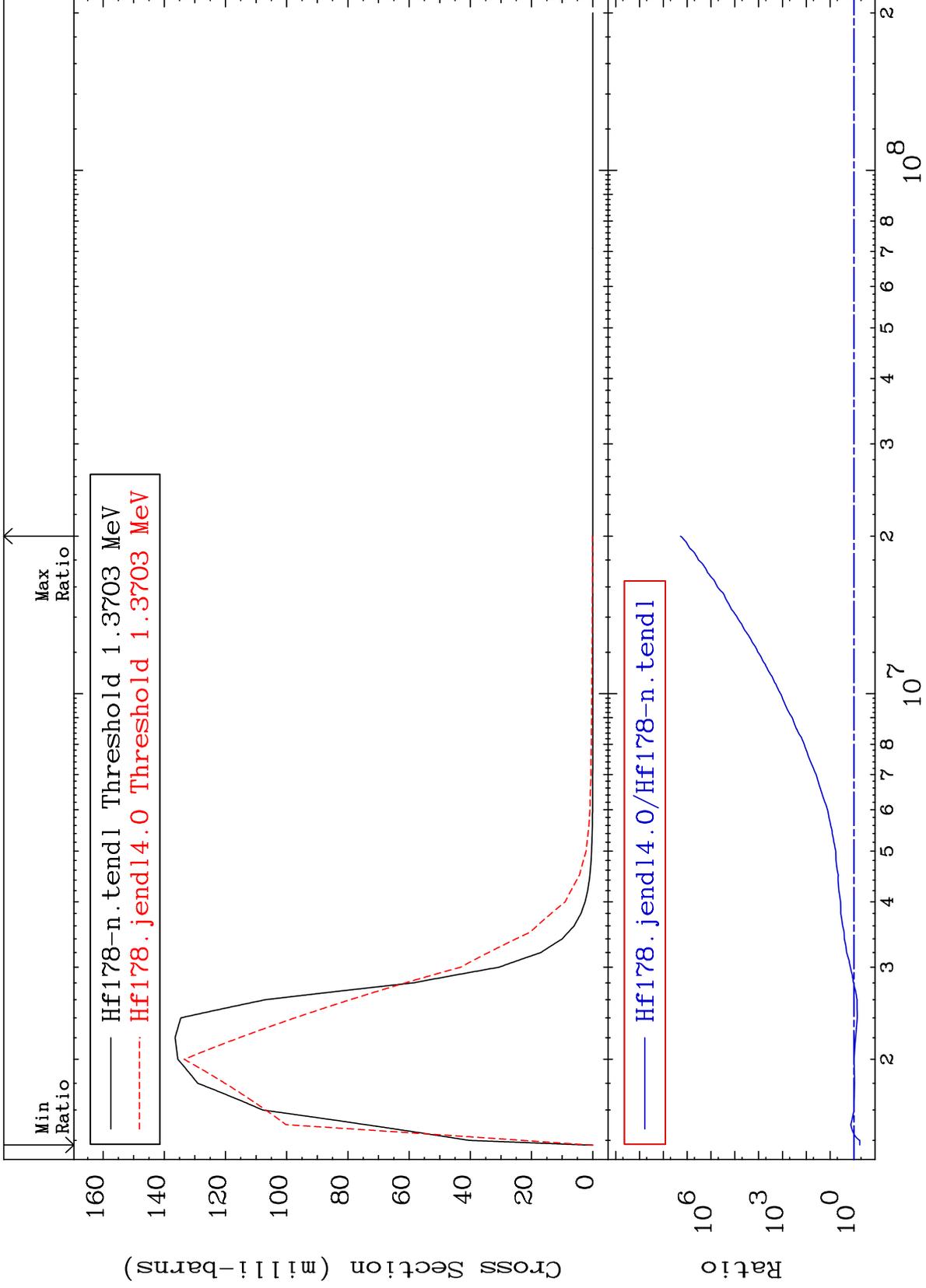
72-Hf-178
-28.38 To 1283. %



MAT 7237

1.363 MeV (n,n') Level
Cross Section

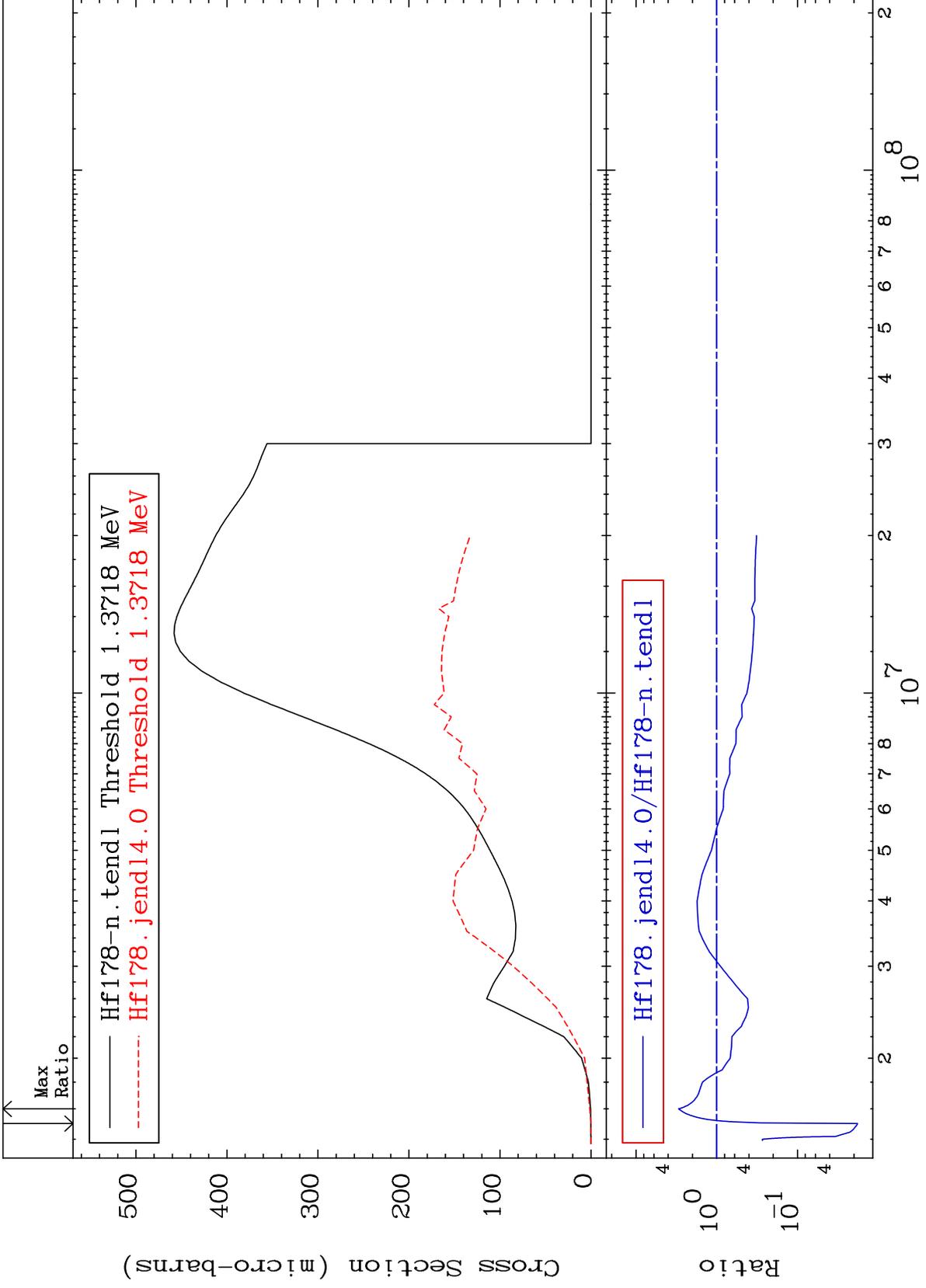
72-Hf-178
-43.35 To 9999. %



MAT 7237

1.364 MeV (n,n') Level
Cross Section

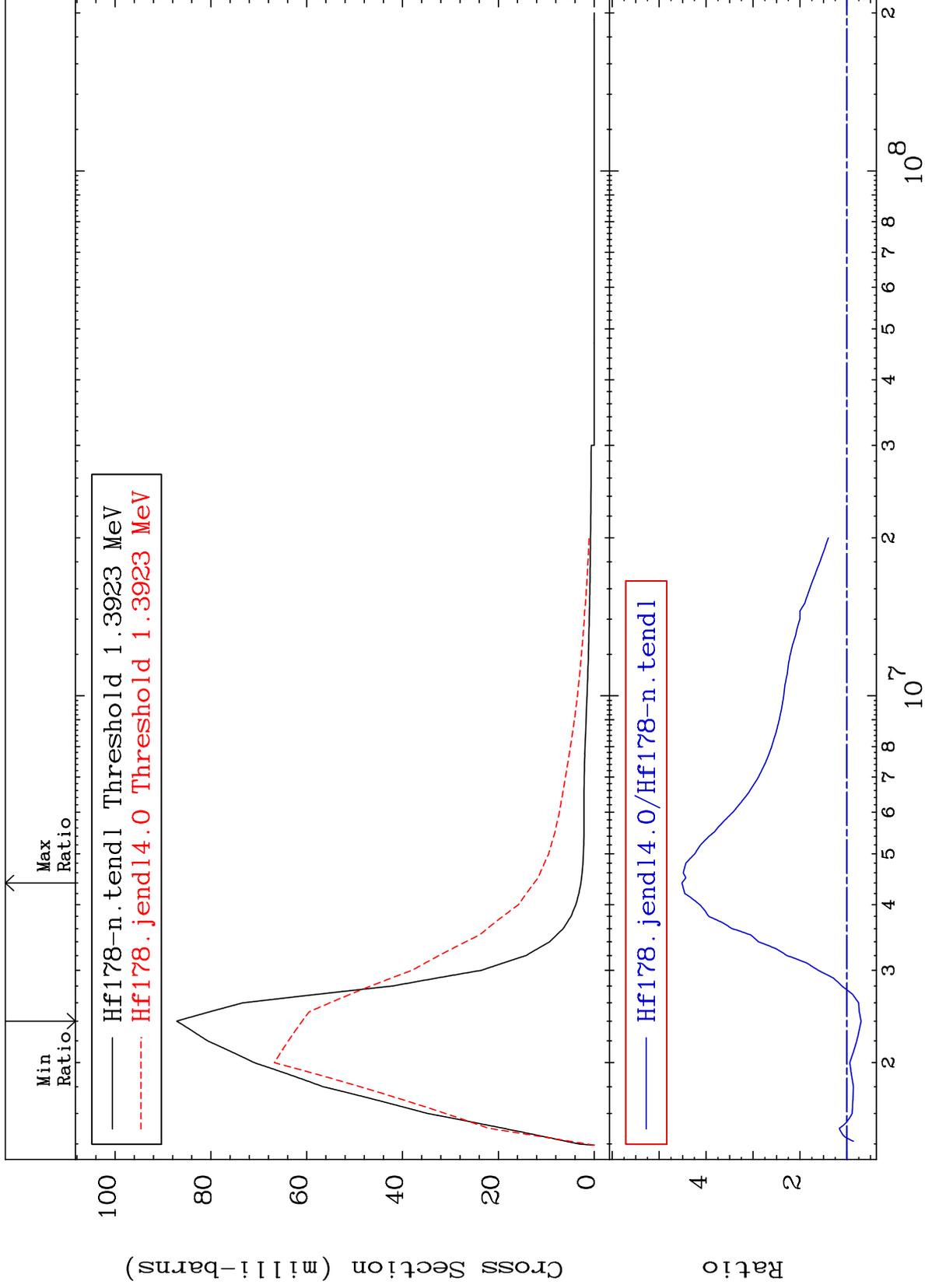
⁷²Hf-178
-98.19 To 196.6 %



MAT 7237

1.384 MeV (n,n') Level
Cross Section

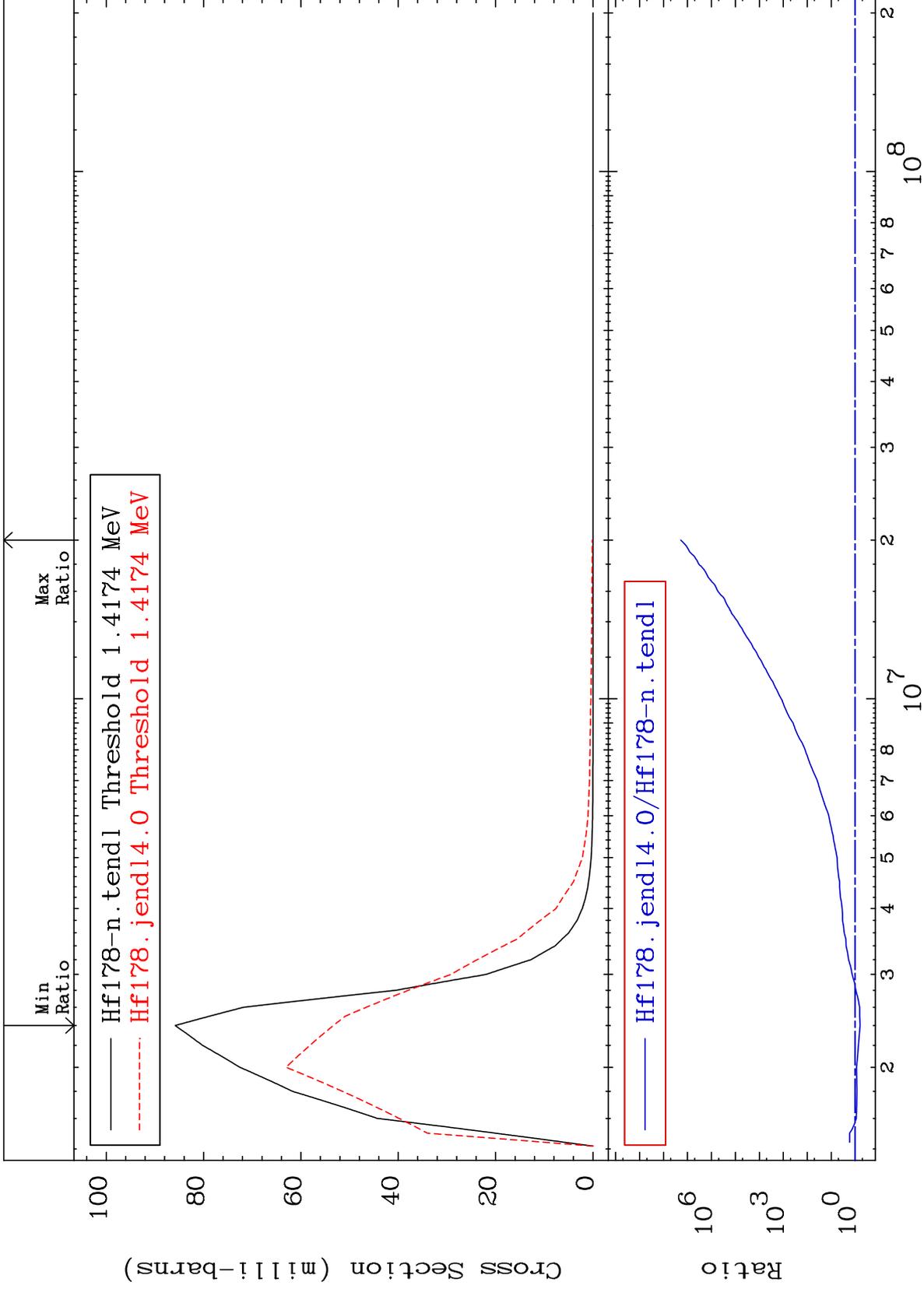
72-Hf-178
-30.08 To 351.7 %



MAT 7237

1.409 MeV (n,n') Level
Cross Section

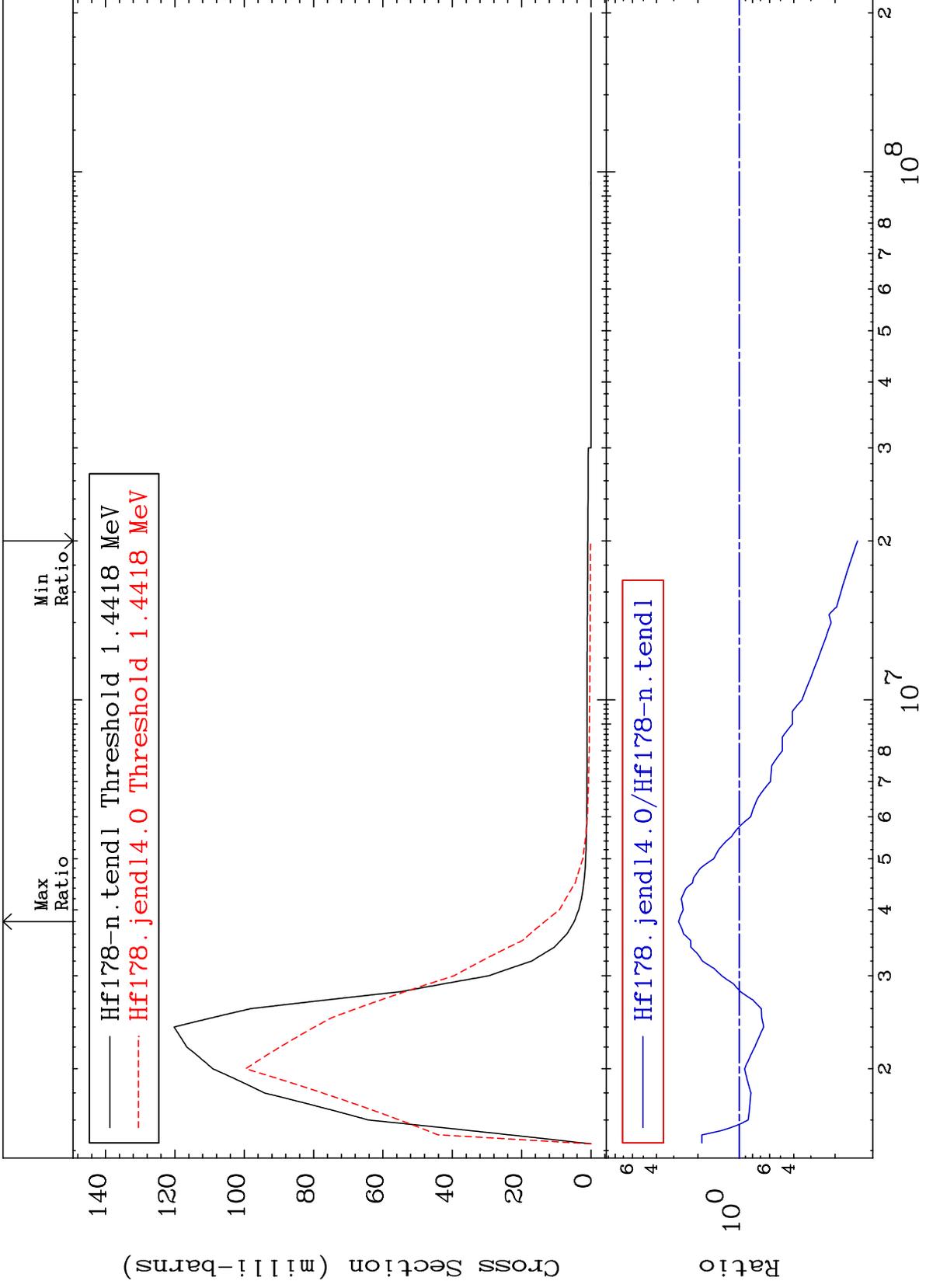
72-Hf-178
-37.87 To 9999. %



MAT 7237

1.434 MeV (n,n') Level
Cross Section

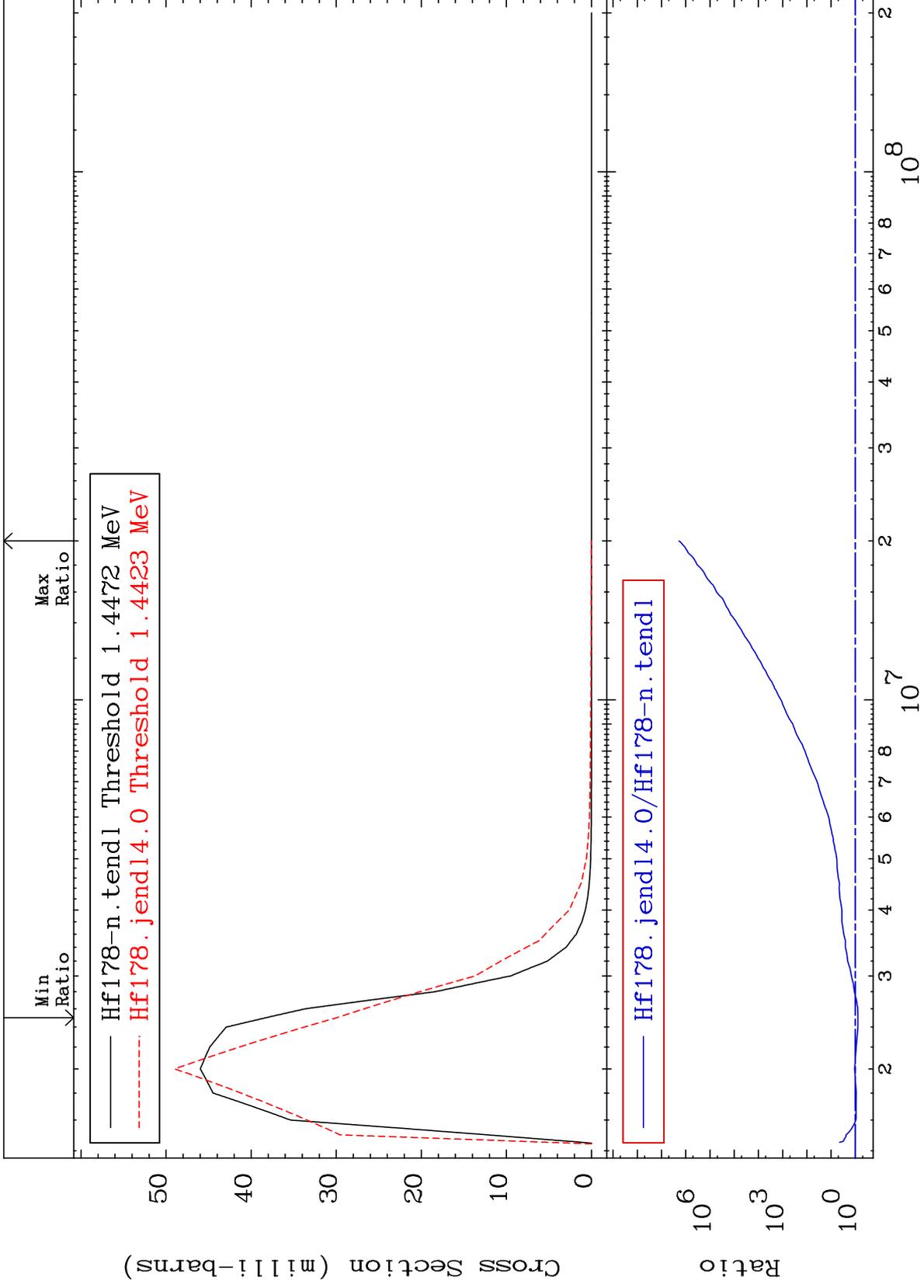
72-Hf-178
-86.30 To 176.3 %



MAT 7237

1.439 MeV (n,n') Level
Cross Section

72-Hf-178
-21.74 To 9999. %



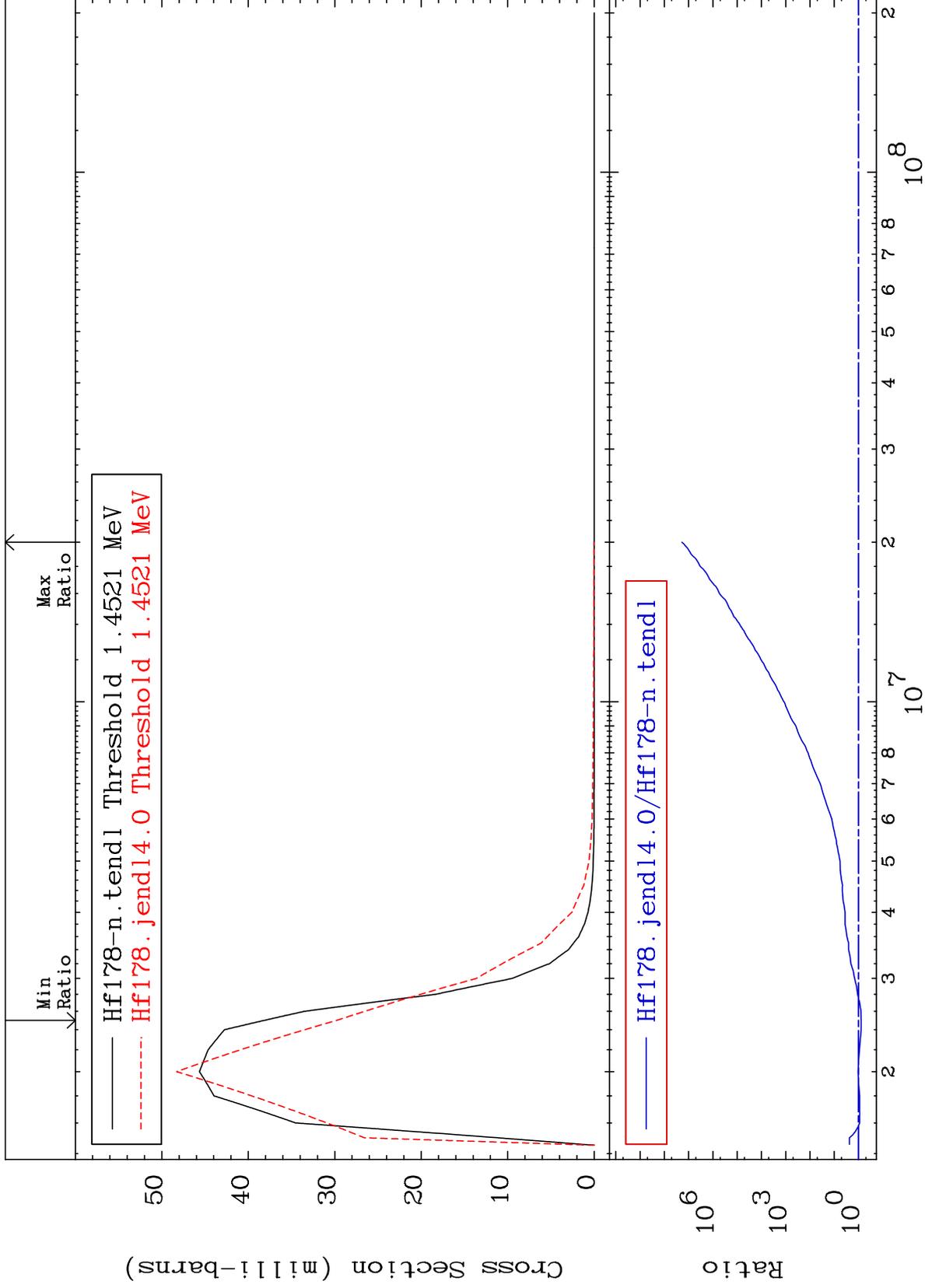
MAT 7237

1.444 MeV (n,n') Level

72-Hf-178

-21.93 To 9999. %

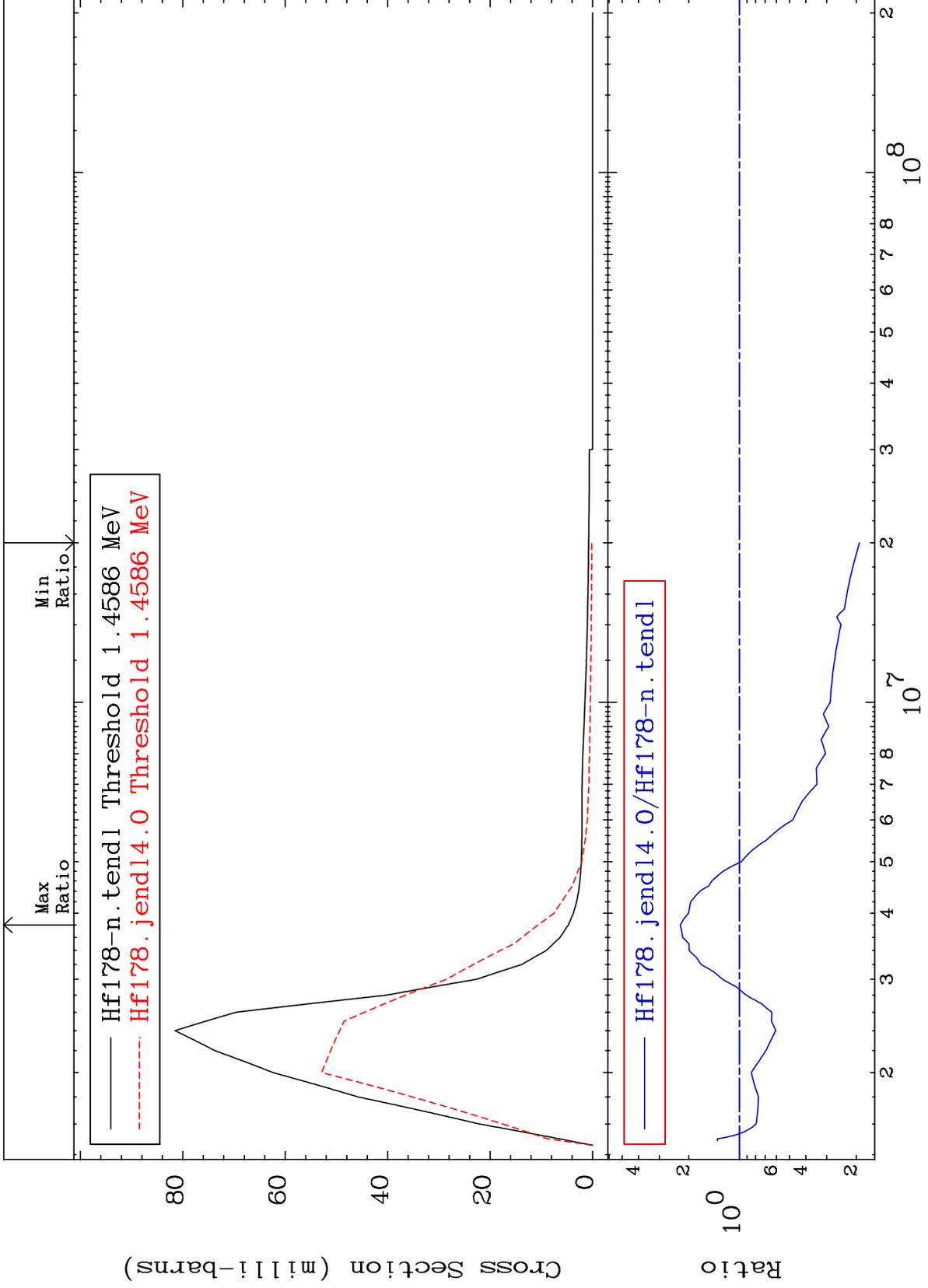
Cross Section



MAT 7237

1.450 MeV (n,n') Level
Cross Section

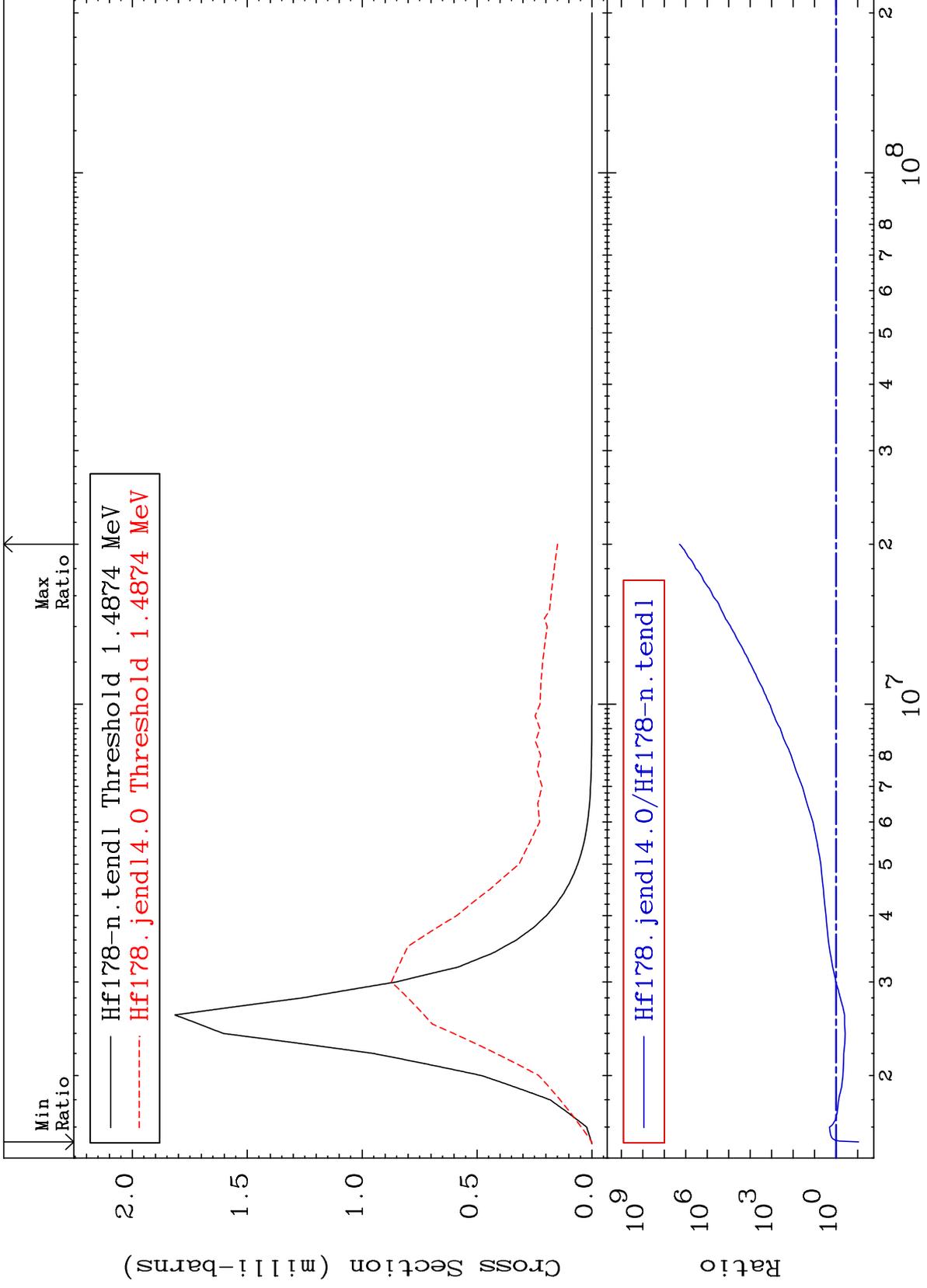
⁷²Hf-178
-80.86 To 125.1 %



MAT 7237

1.479 MeV (n,n') Level
Cross Section

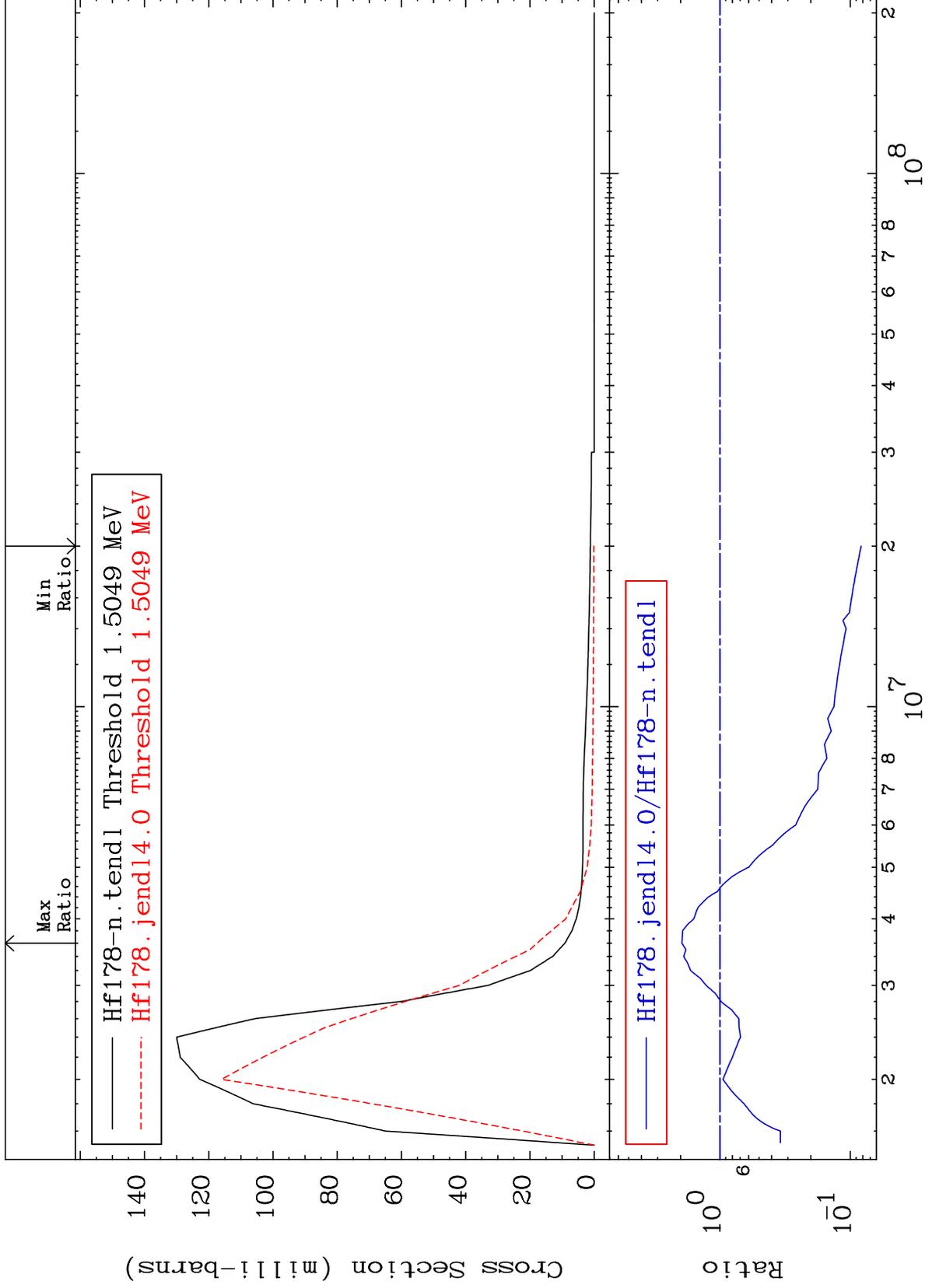
72-Hf-178
-90.95 To 9999. %



MAT 7237

1.496 MeV (n,n') Level
Cross Section

72-Hf-178
-91.76 To 95.25 %



30

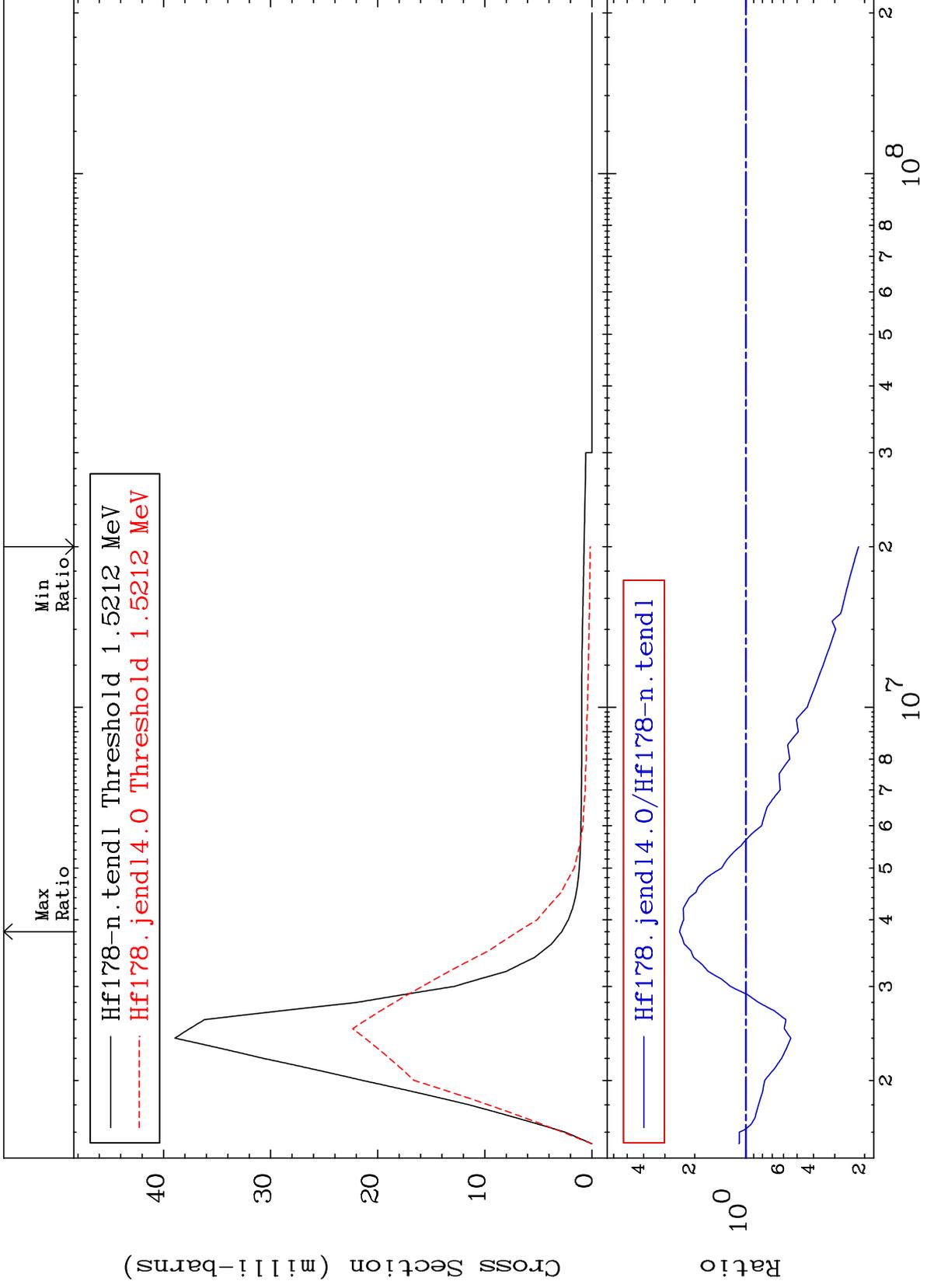
Incident Energy (eV)

72-Hf-178

MAT 7237

1.513 MeV (n,n') Level
Cross Section

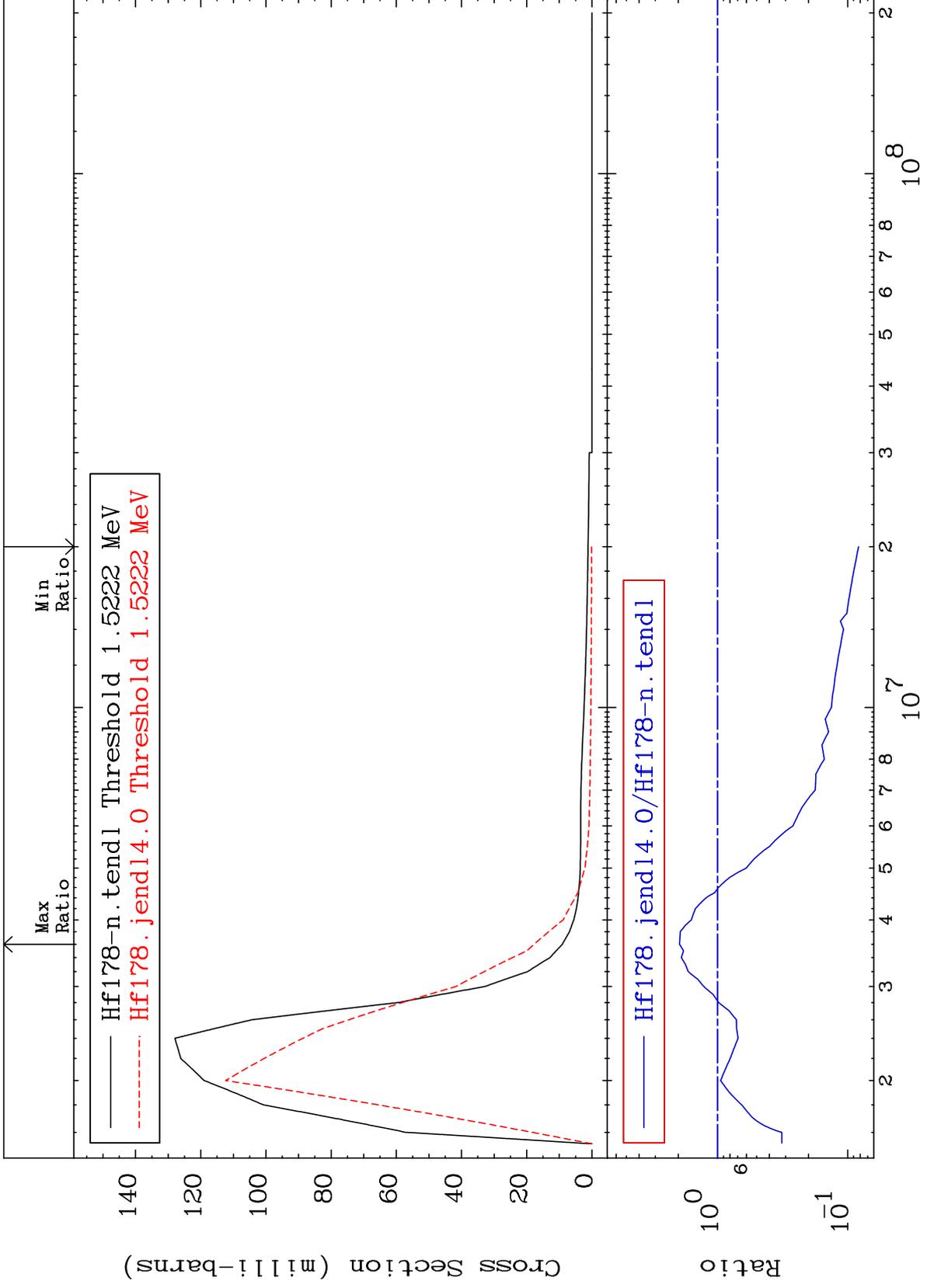
72-Hf-178
-78.27 To 145.8 %

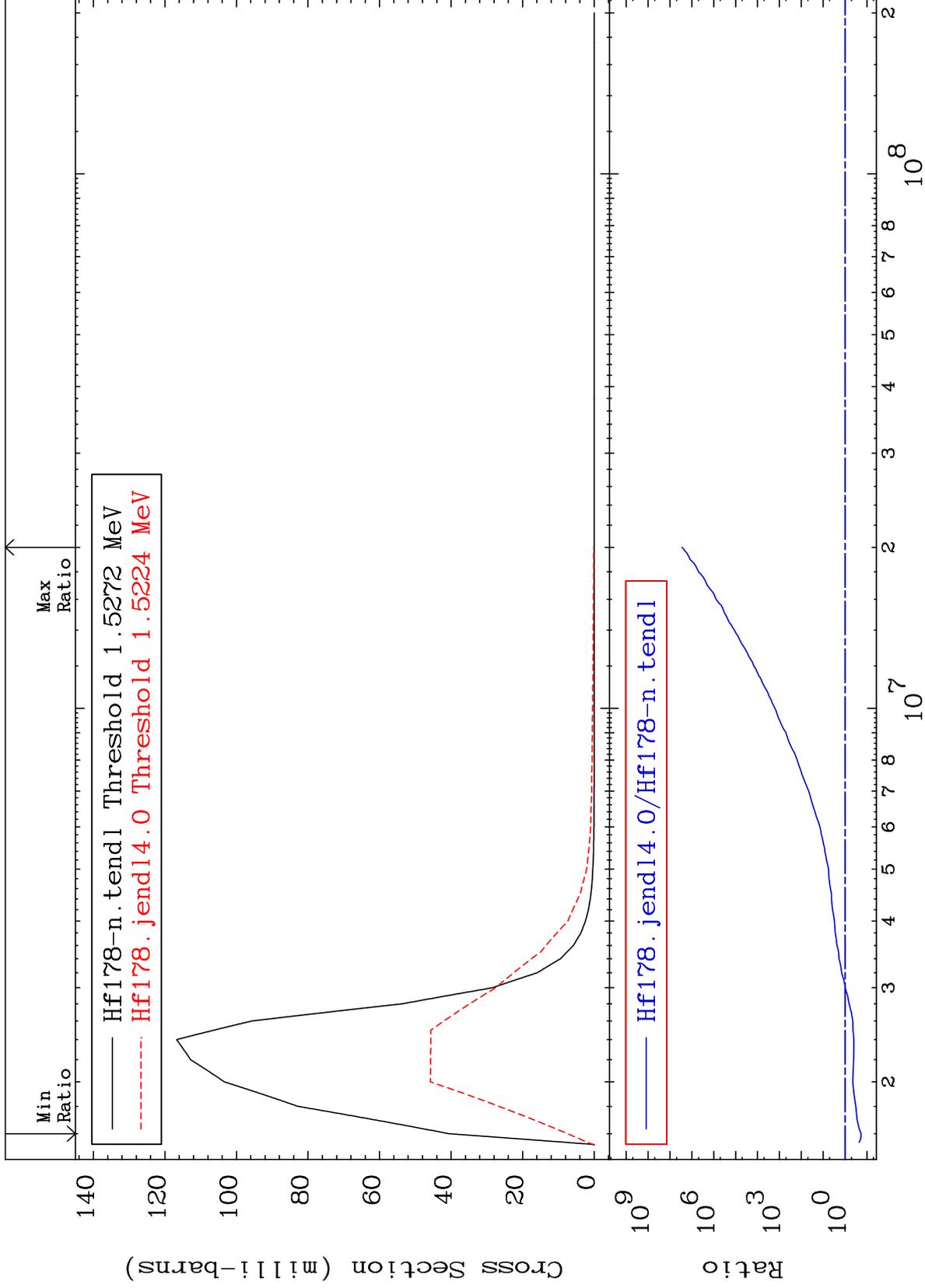


MAT 7237

1.514 MeV (n,n') Level
Cross Section

⁷²Hf-178
-91.76 To 95.38 %

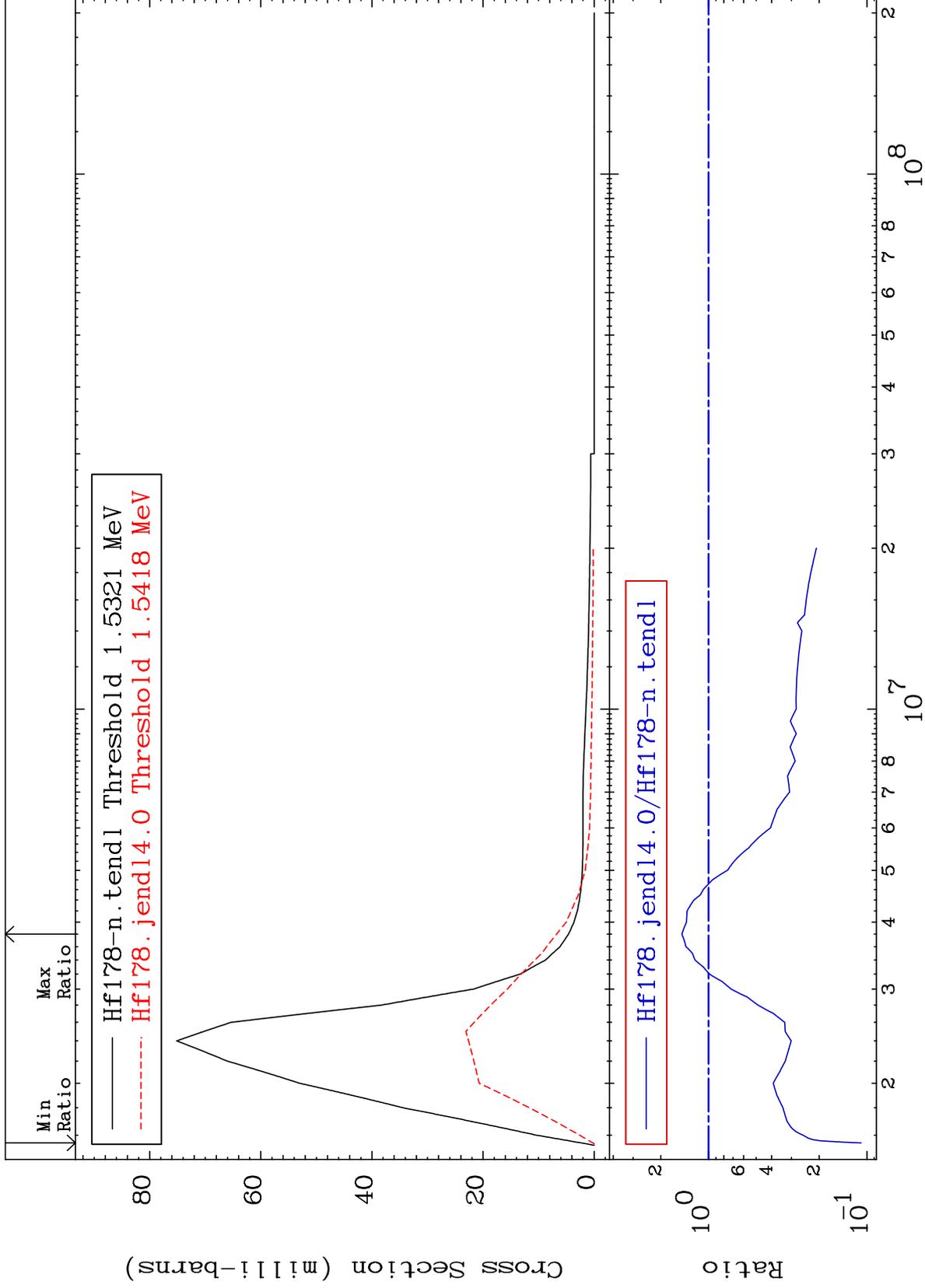




MAT 7237

1.523 MeV (n,n') Level
Cross Section

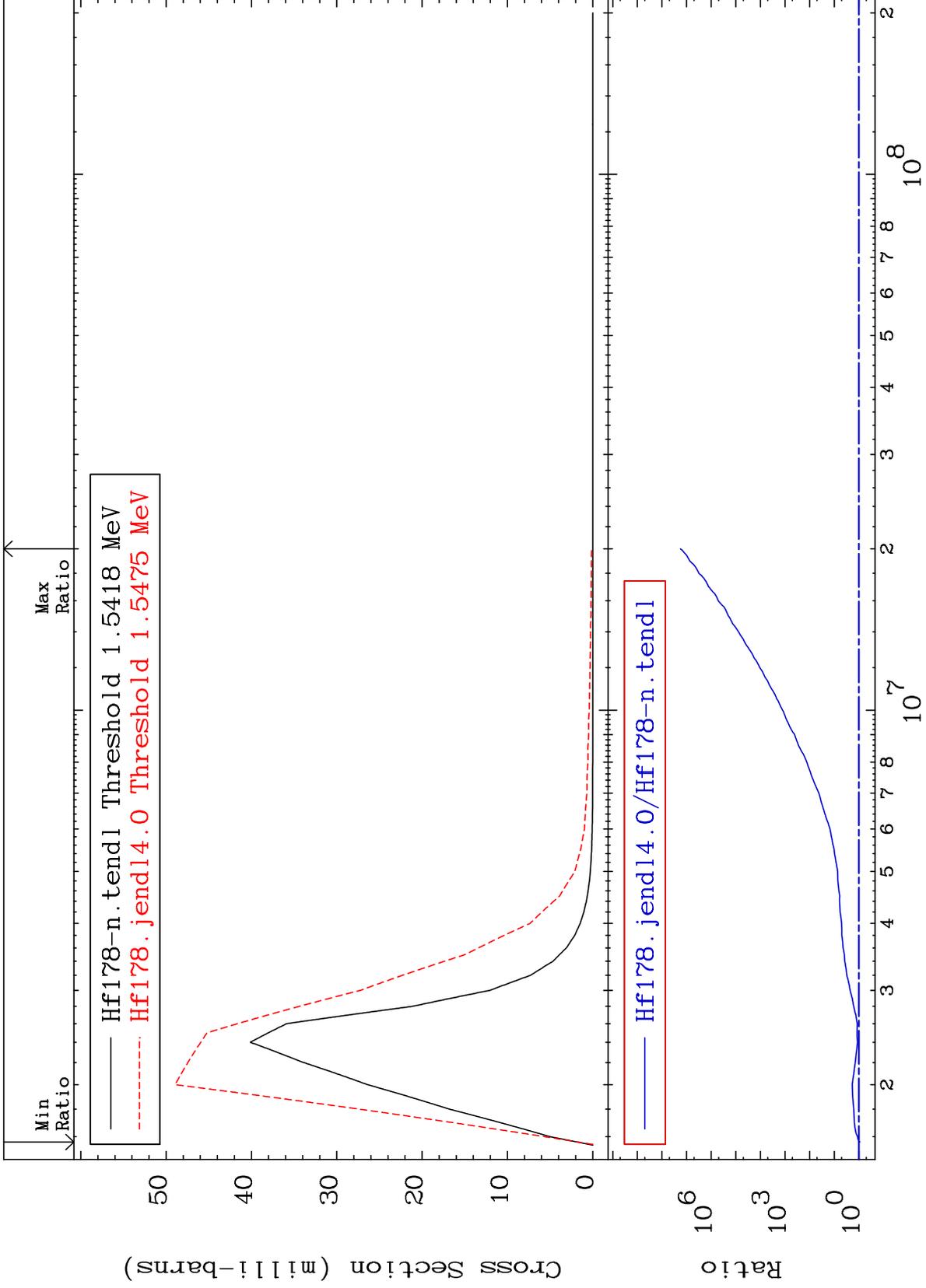
72-Hf-178
-89.12 To 47.29 %

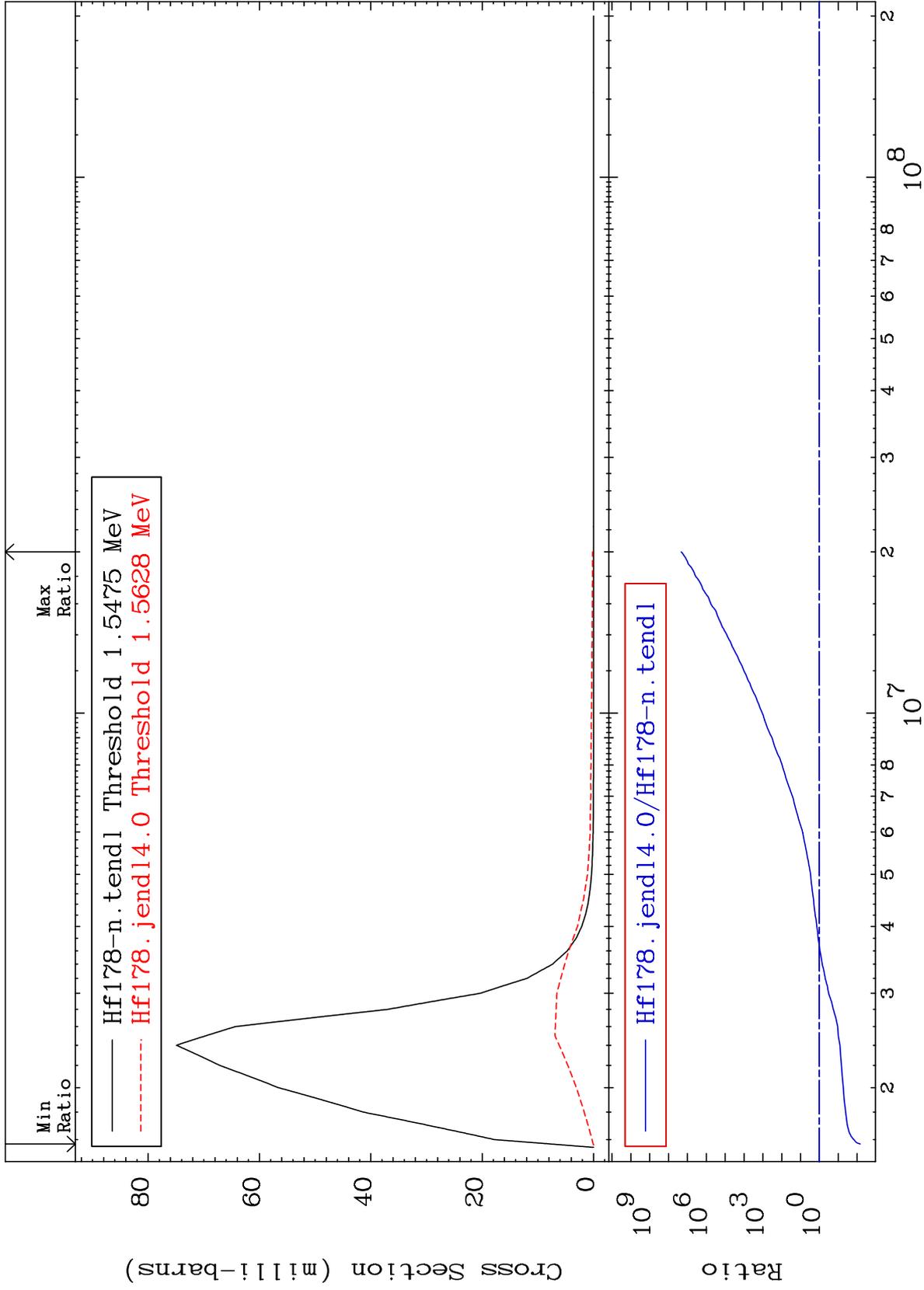


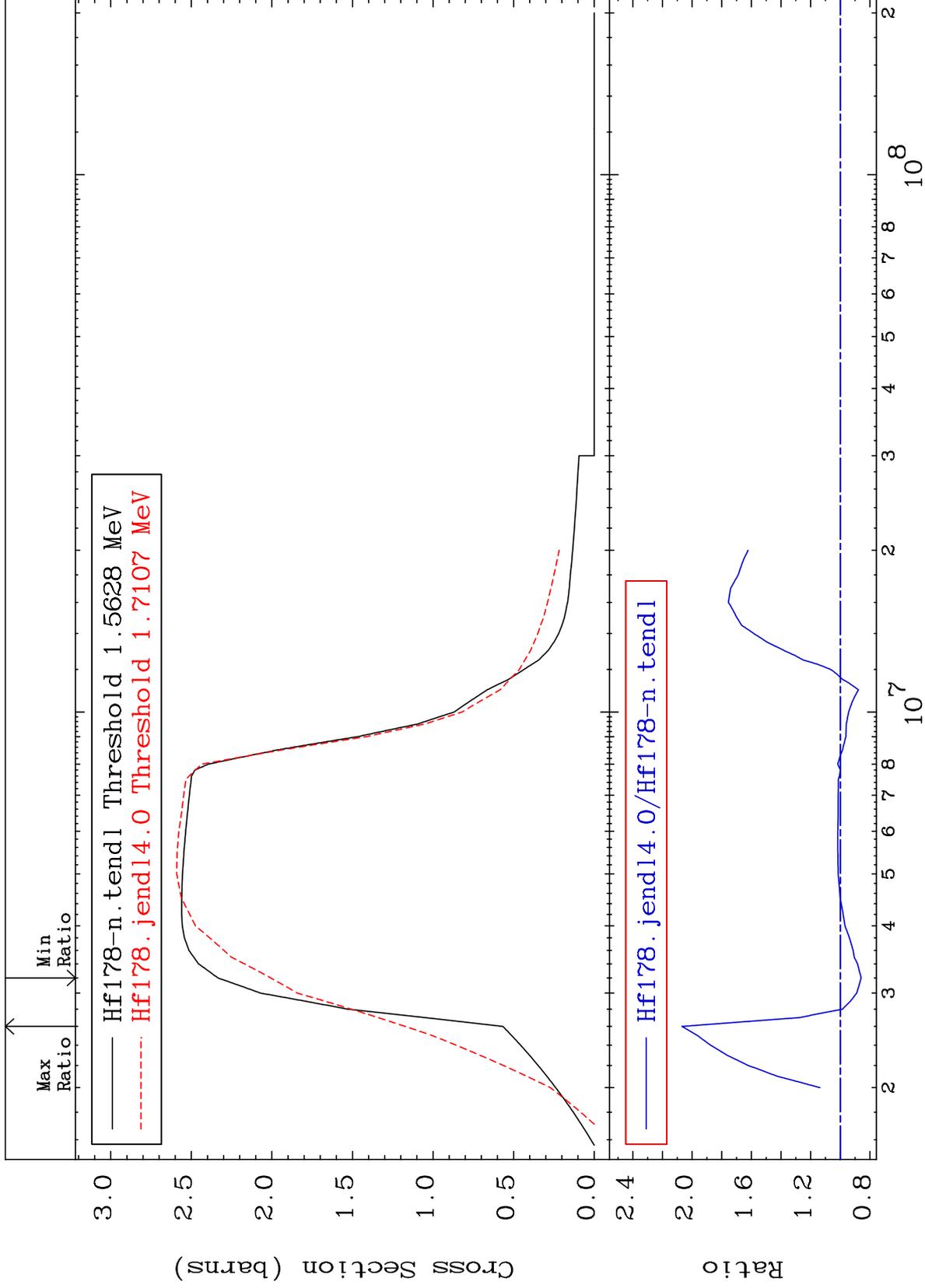
MAT 7237

1.533 MeV (n,n') Level
Cross Section

72-Hf-178
-8.406 To 9999. %







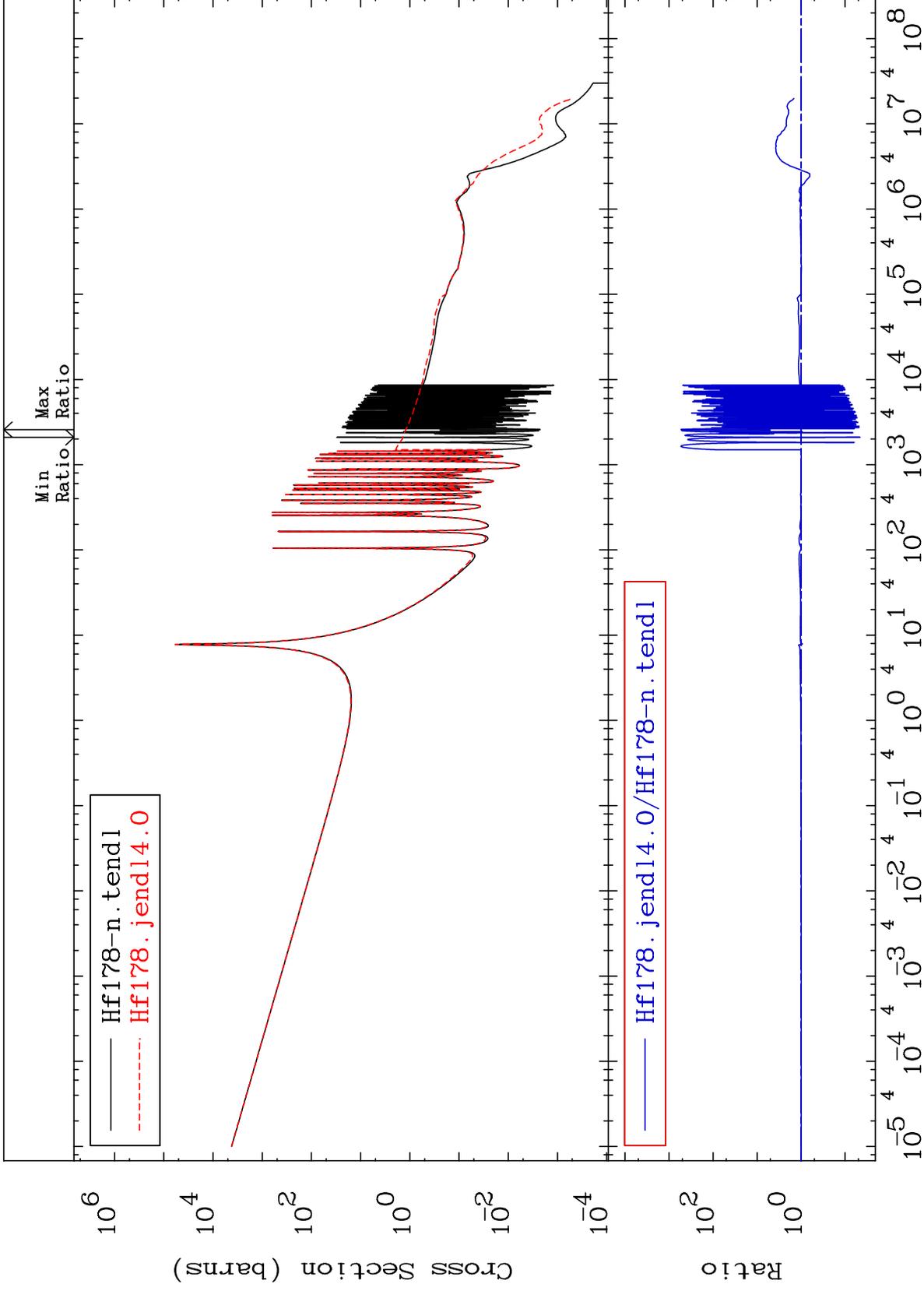
MAT 7237

(n, γ)

72-Hf-178

Cross Section

-95.42 To 9999. %



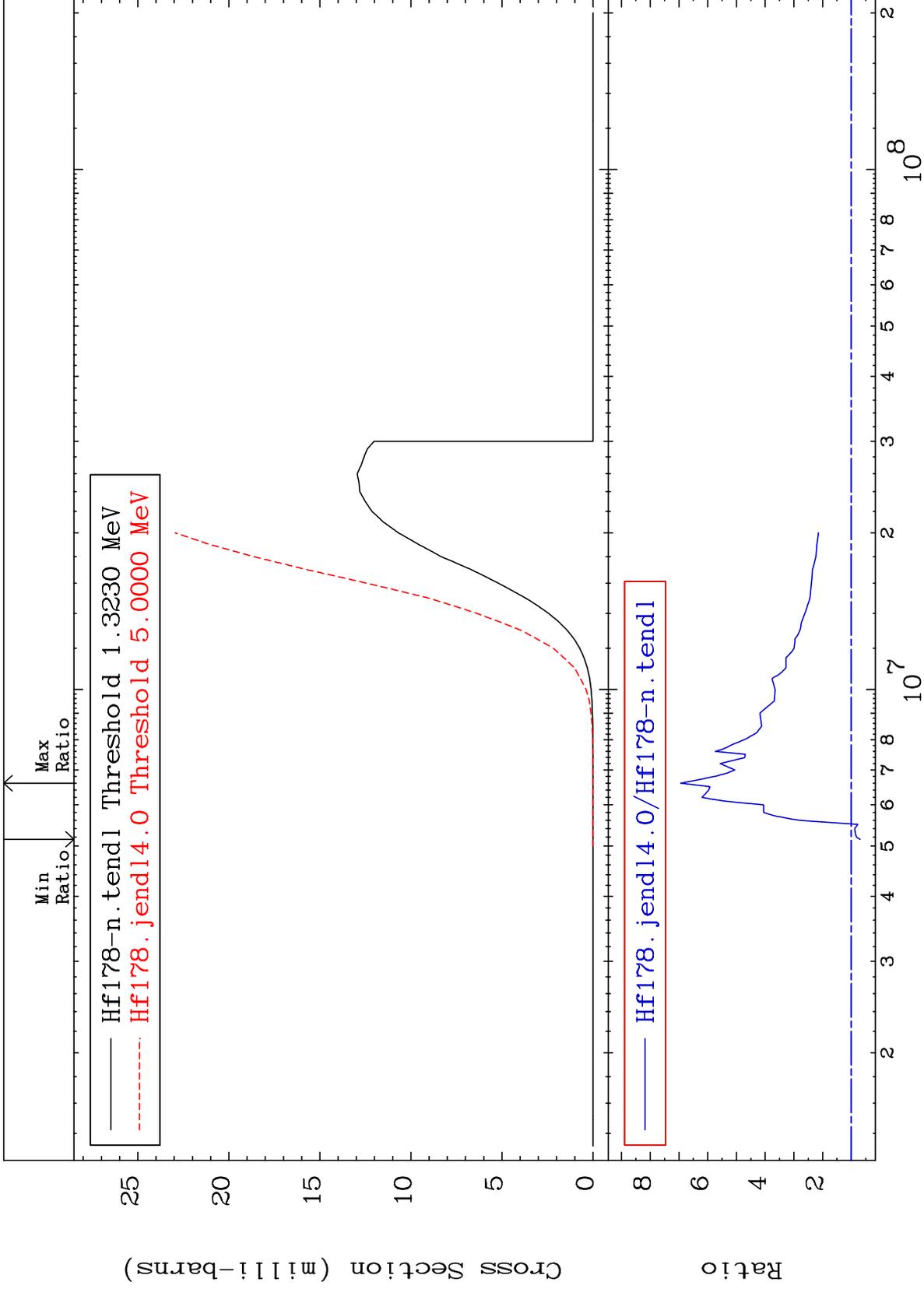
MAT 7237

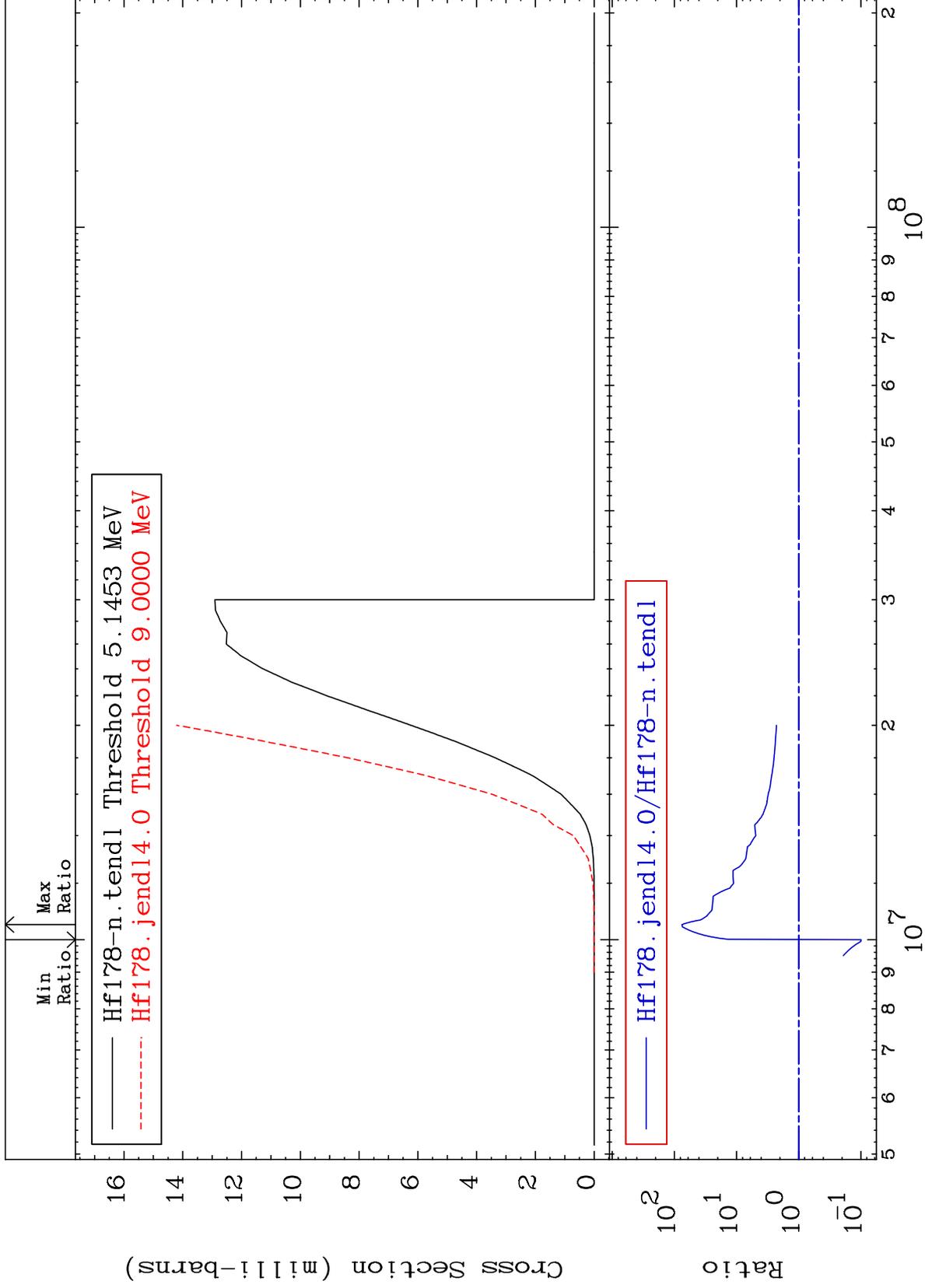
(n,p)

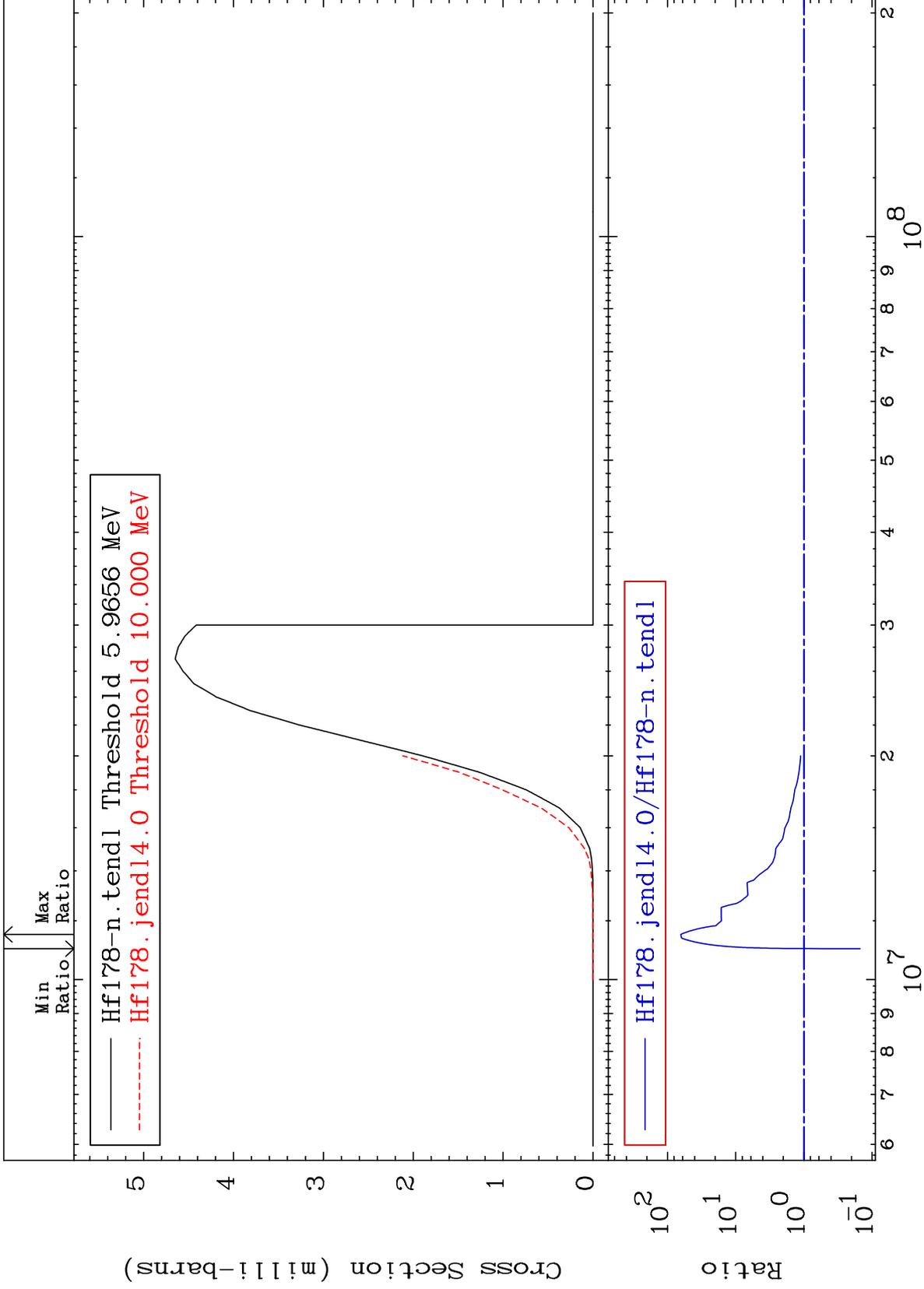
72-Hf-178

Cross Section

-30.42 To 593.8 %

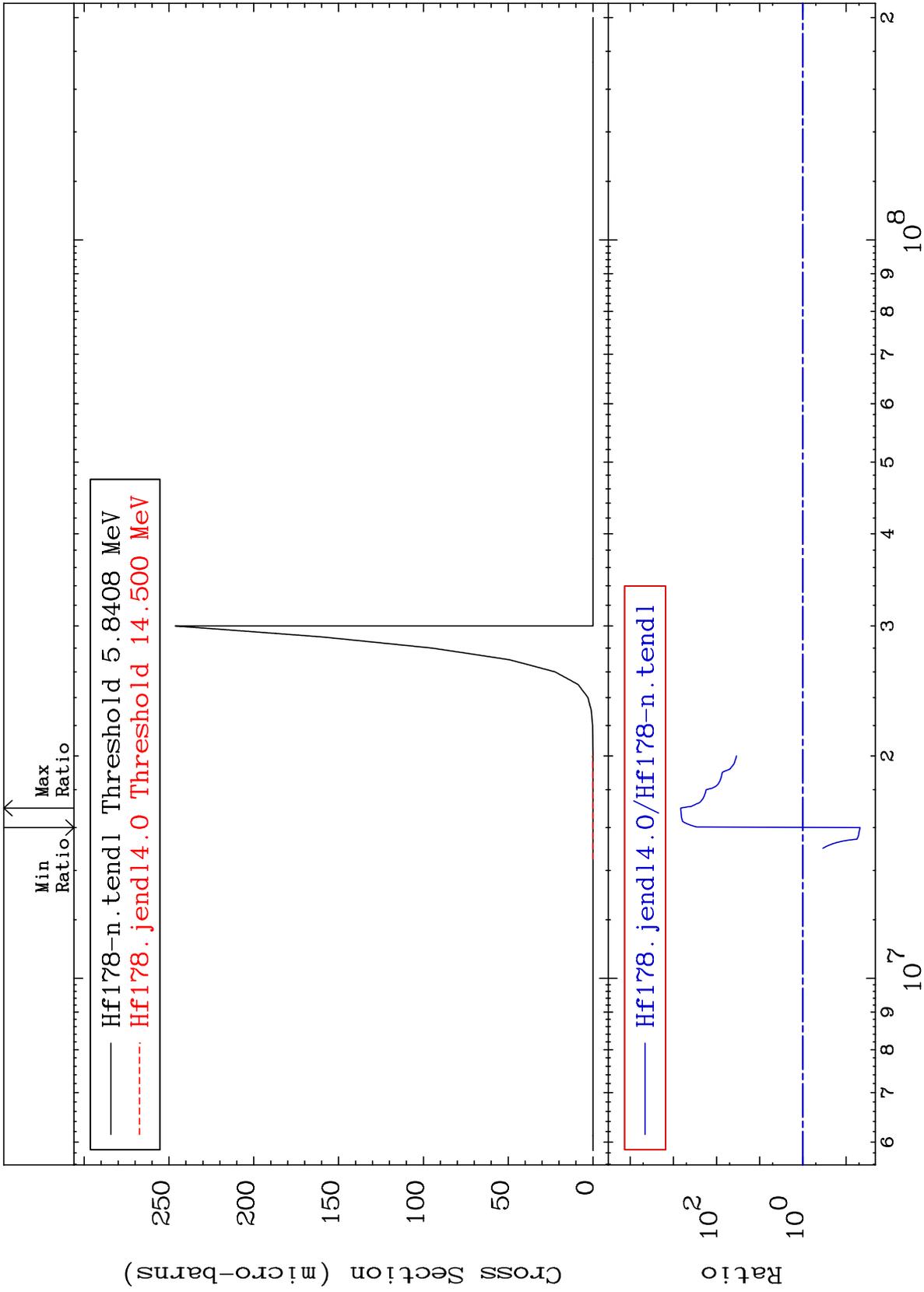






Cross Section

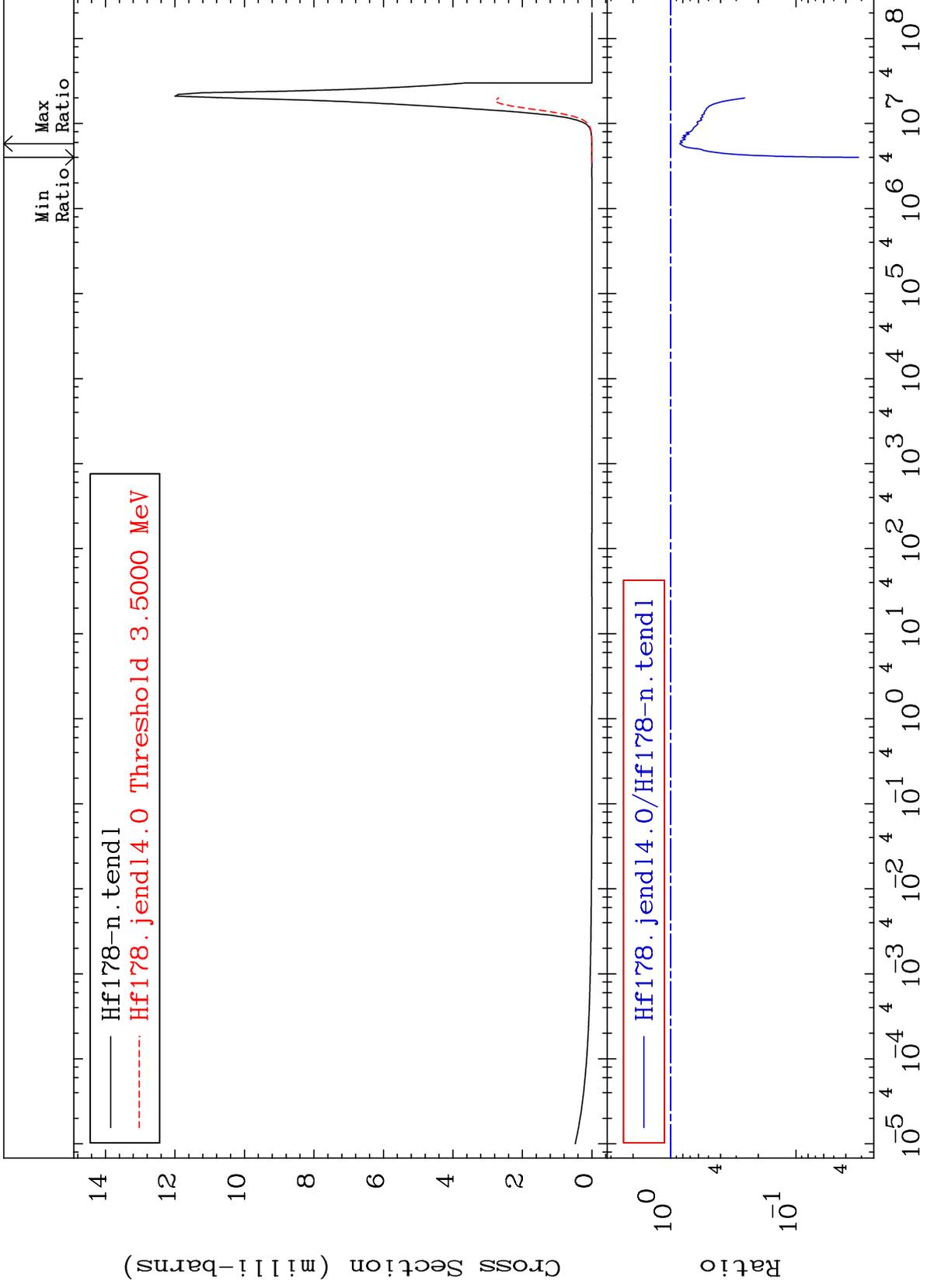
-95.28 To 9999. %



MAT 7237

(n, α)
Cross Section

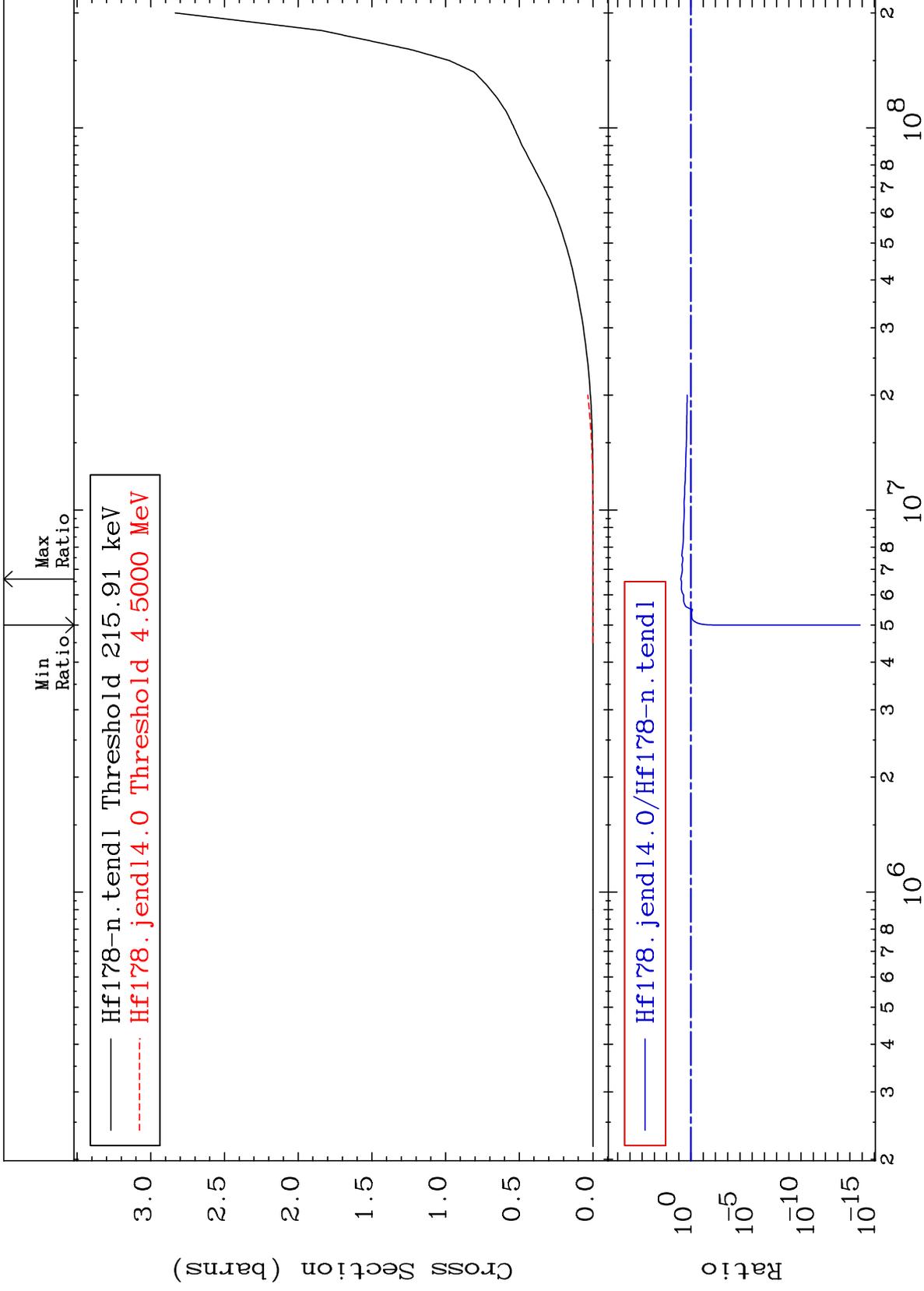
72-Hf-178
-96.83 To -15.01%

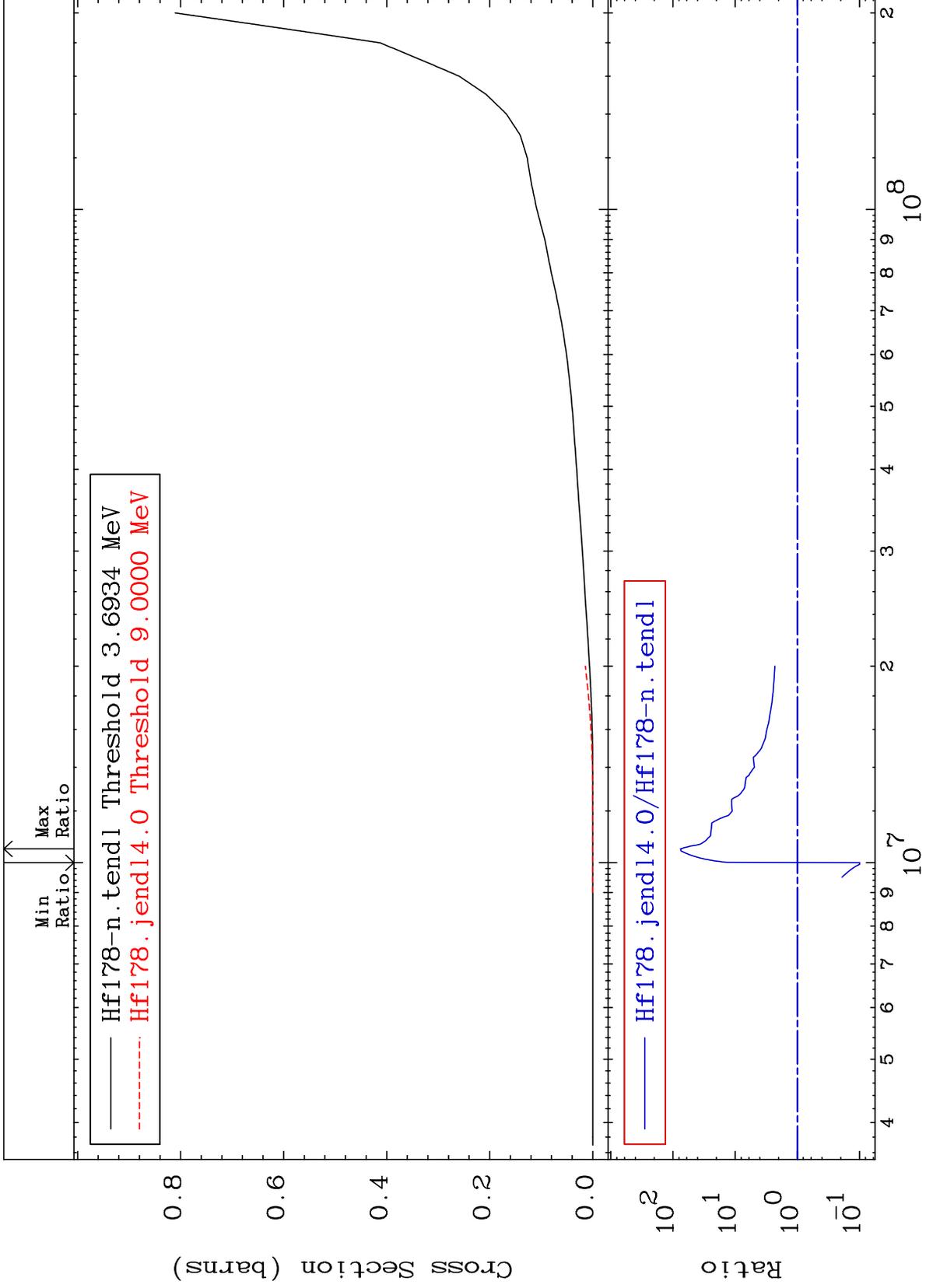


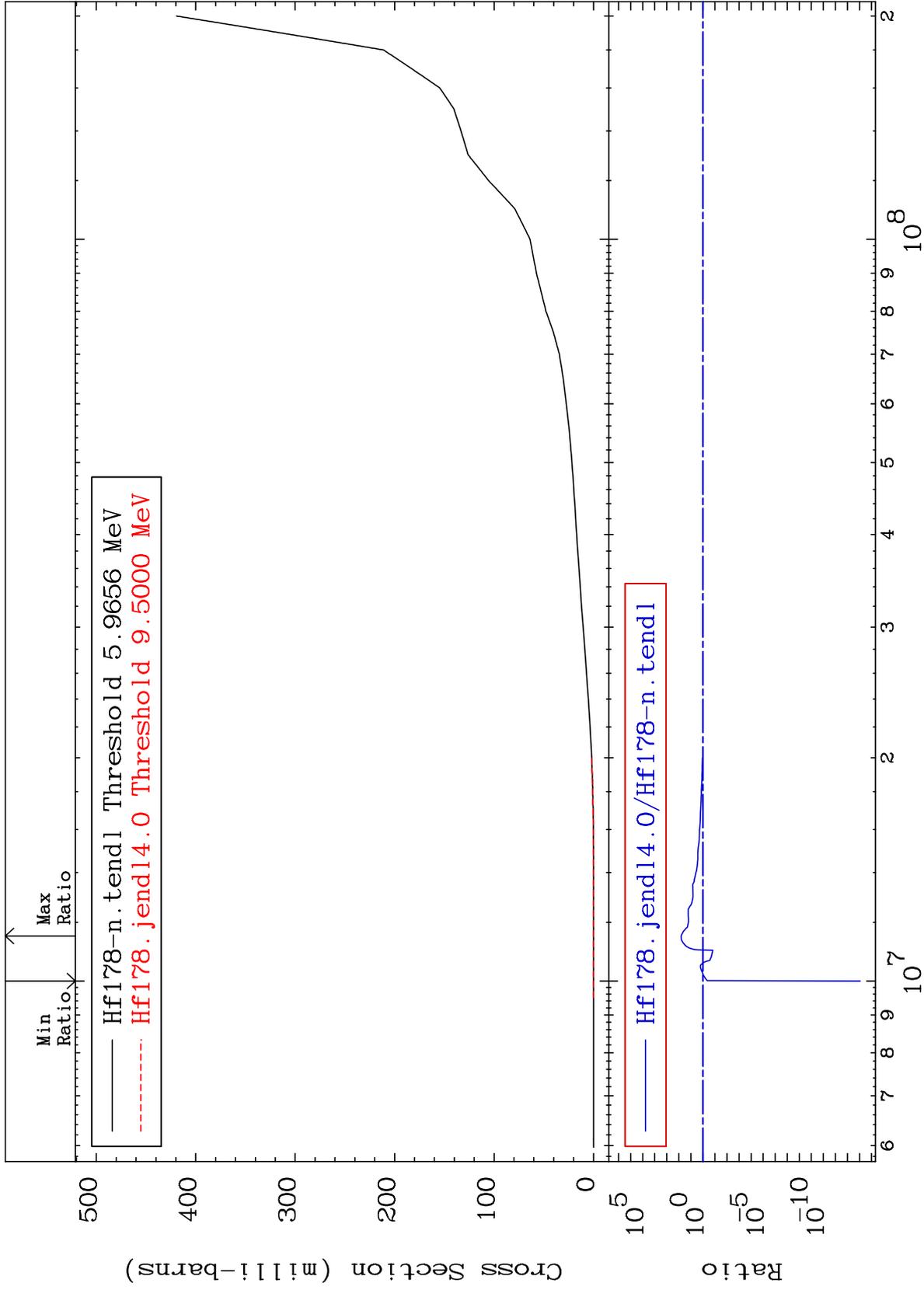
Incident Energy (eV)

72-Hf-178

44



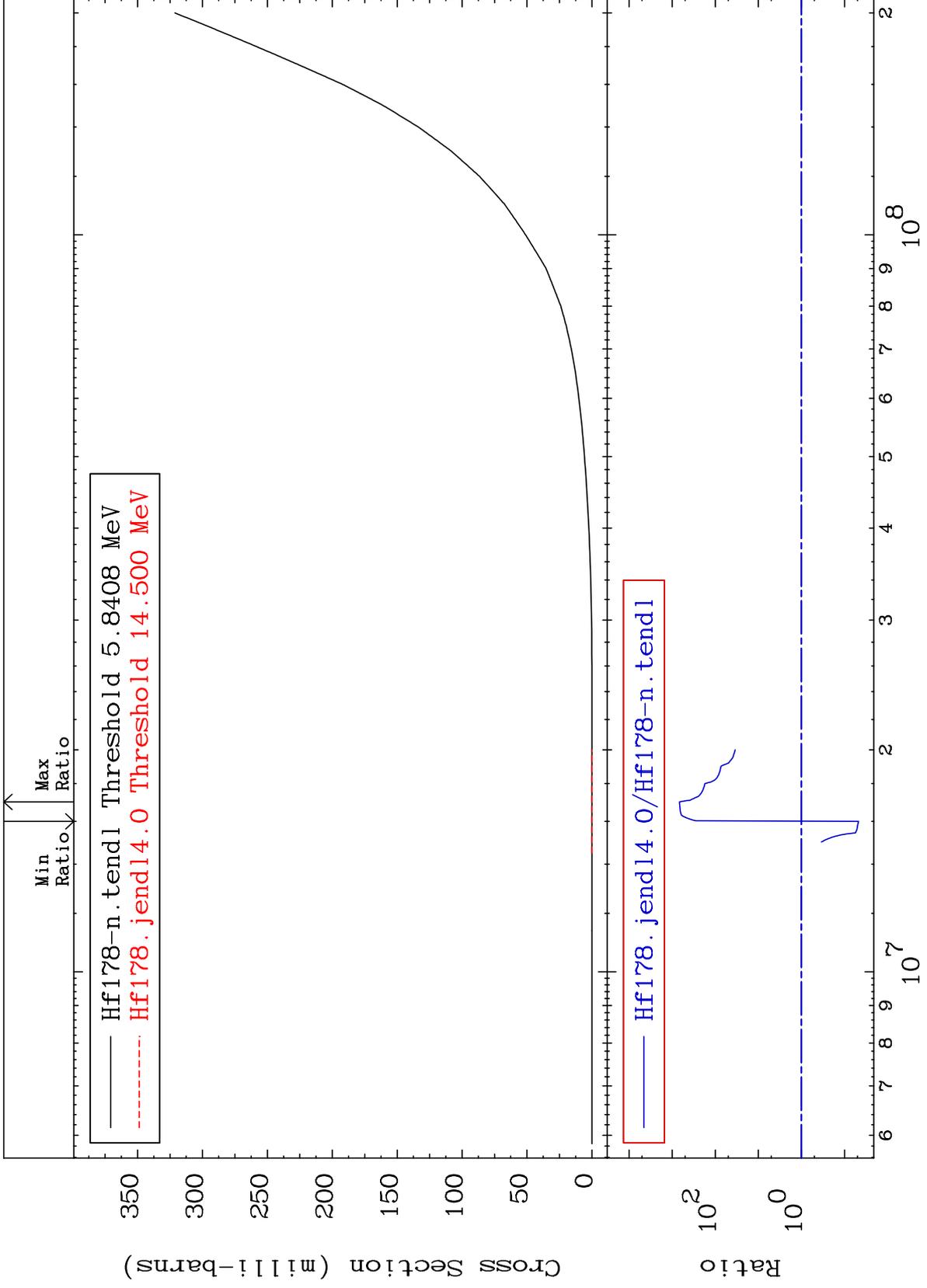




MAT 7237

He-3 Production
Cross Section

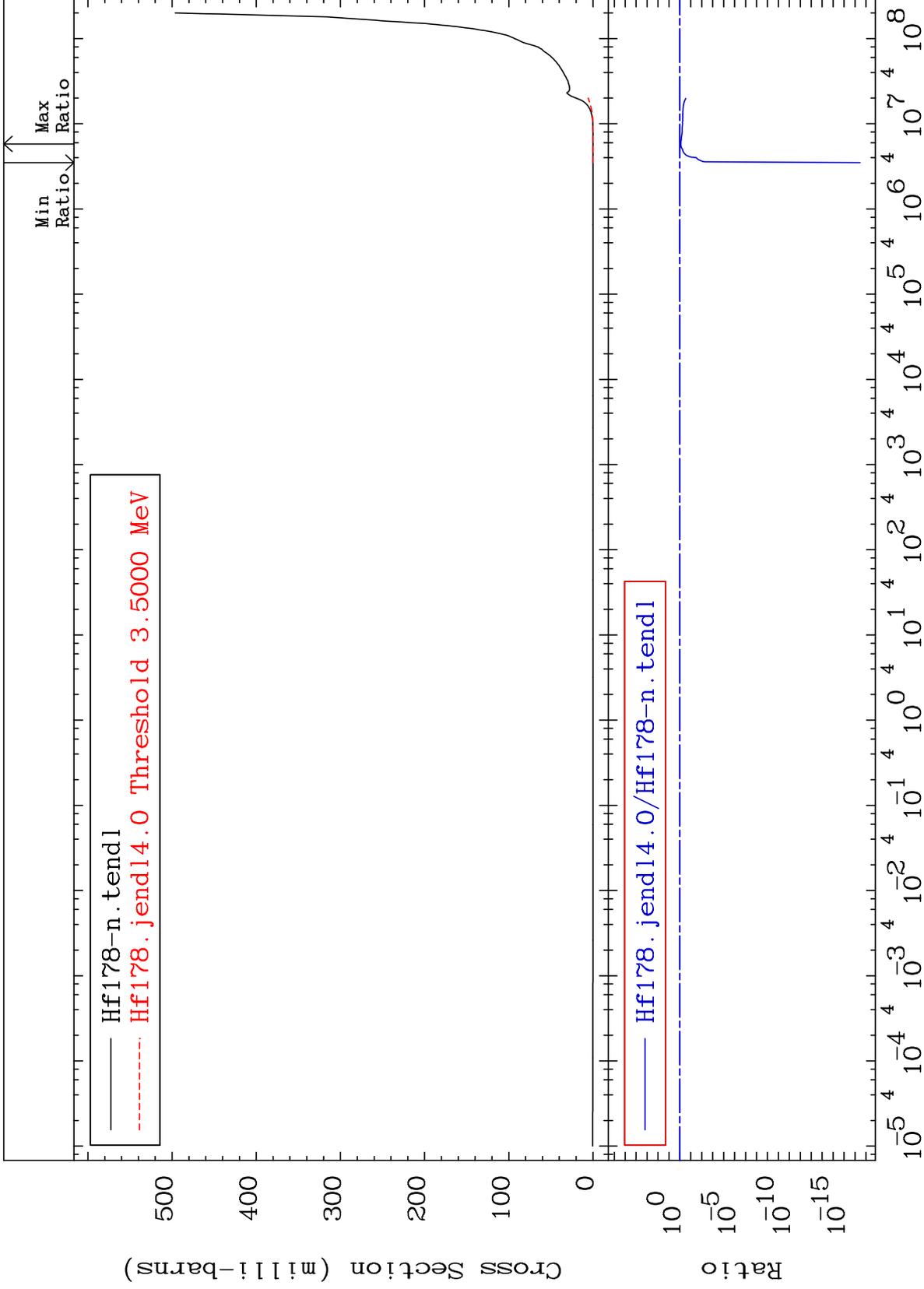
72-Hf-178
-95.28 To 9999. %

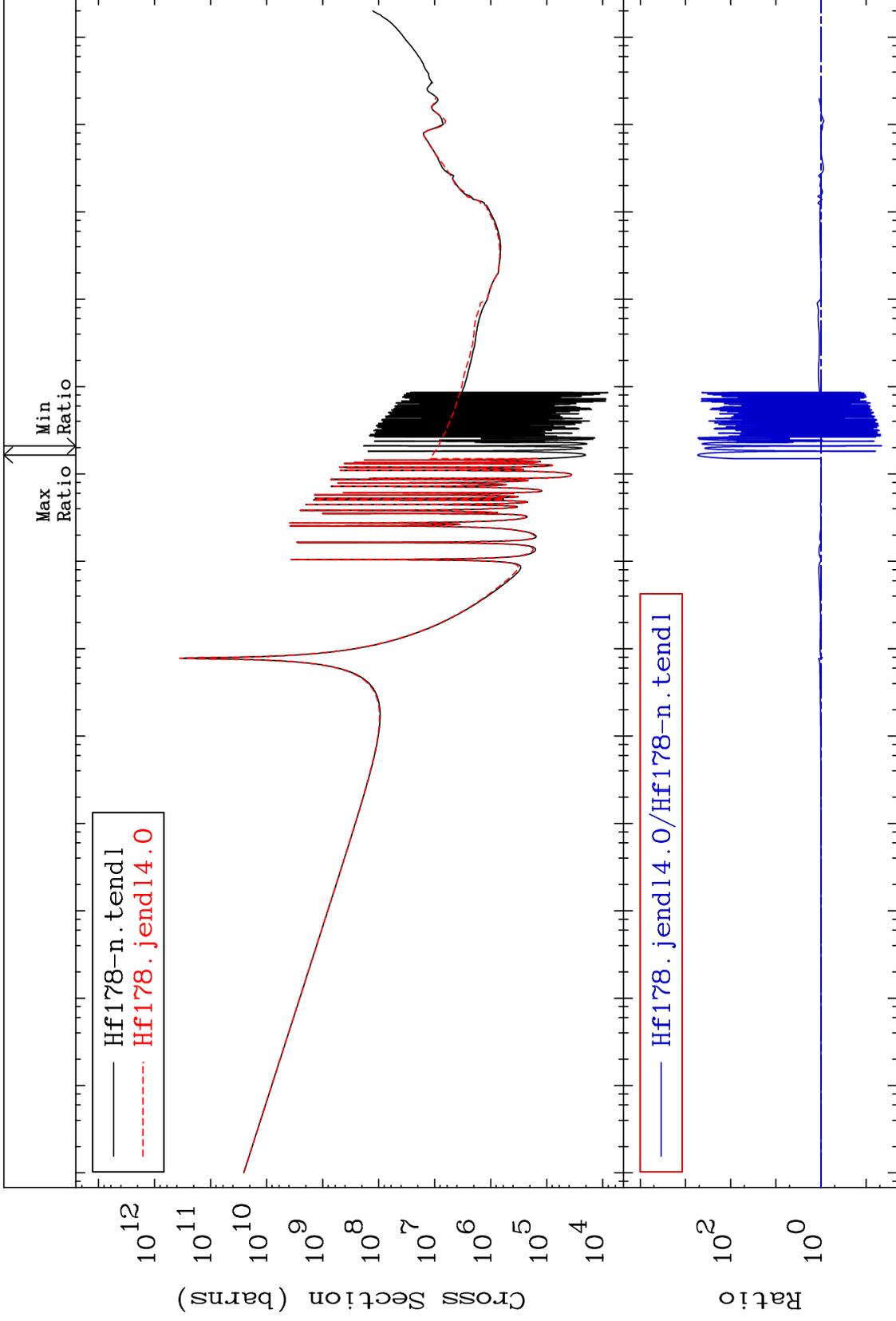


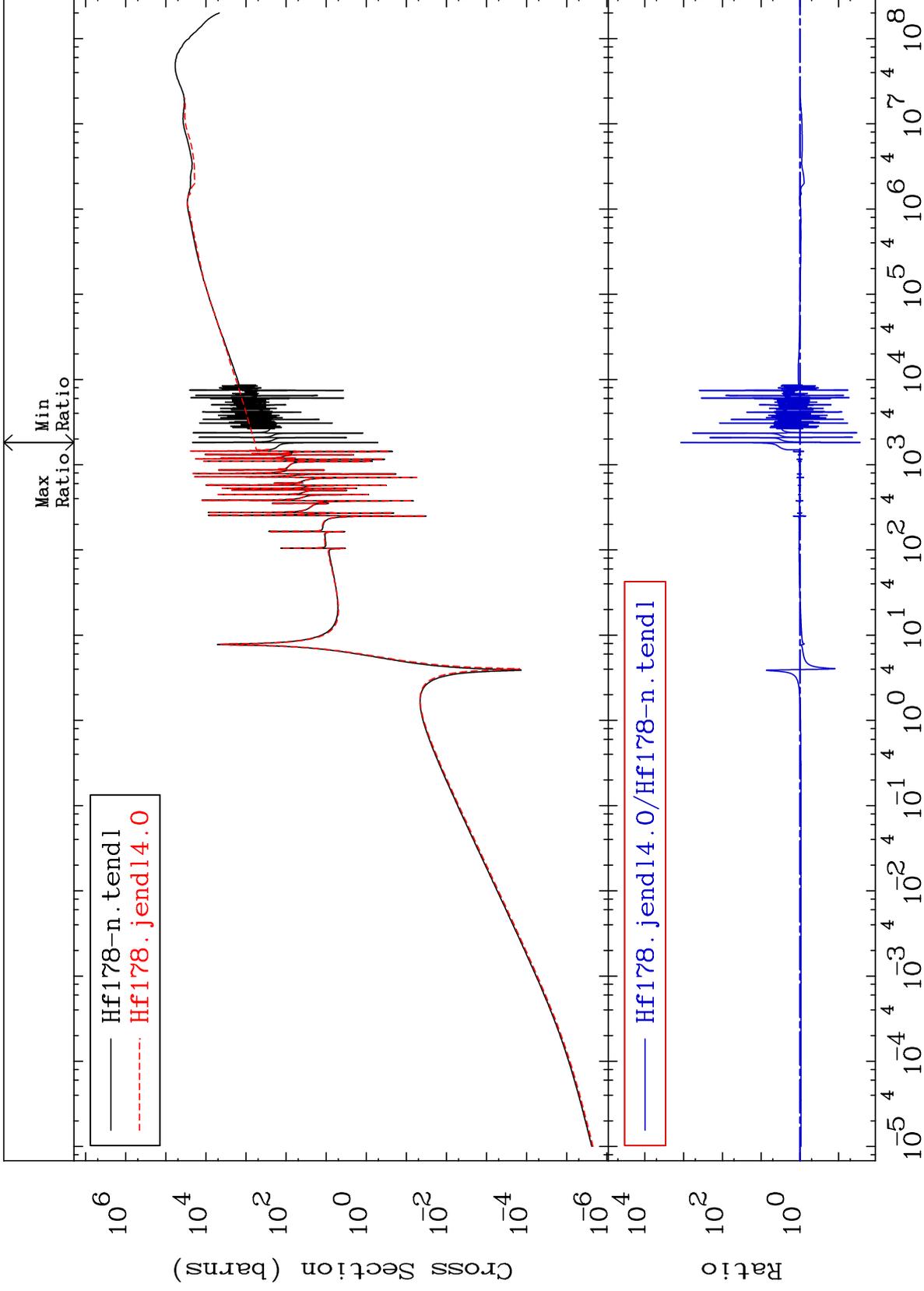
48

Incident Energy (eV)

72-Hf-178

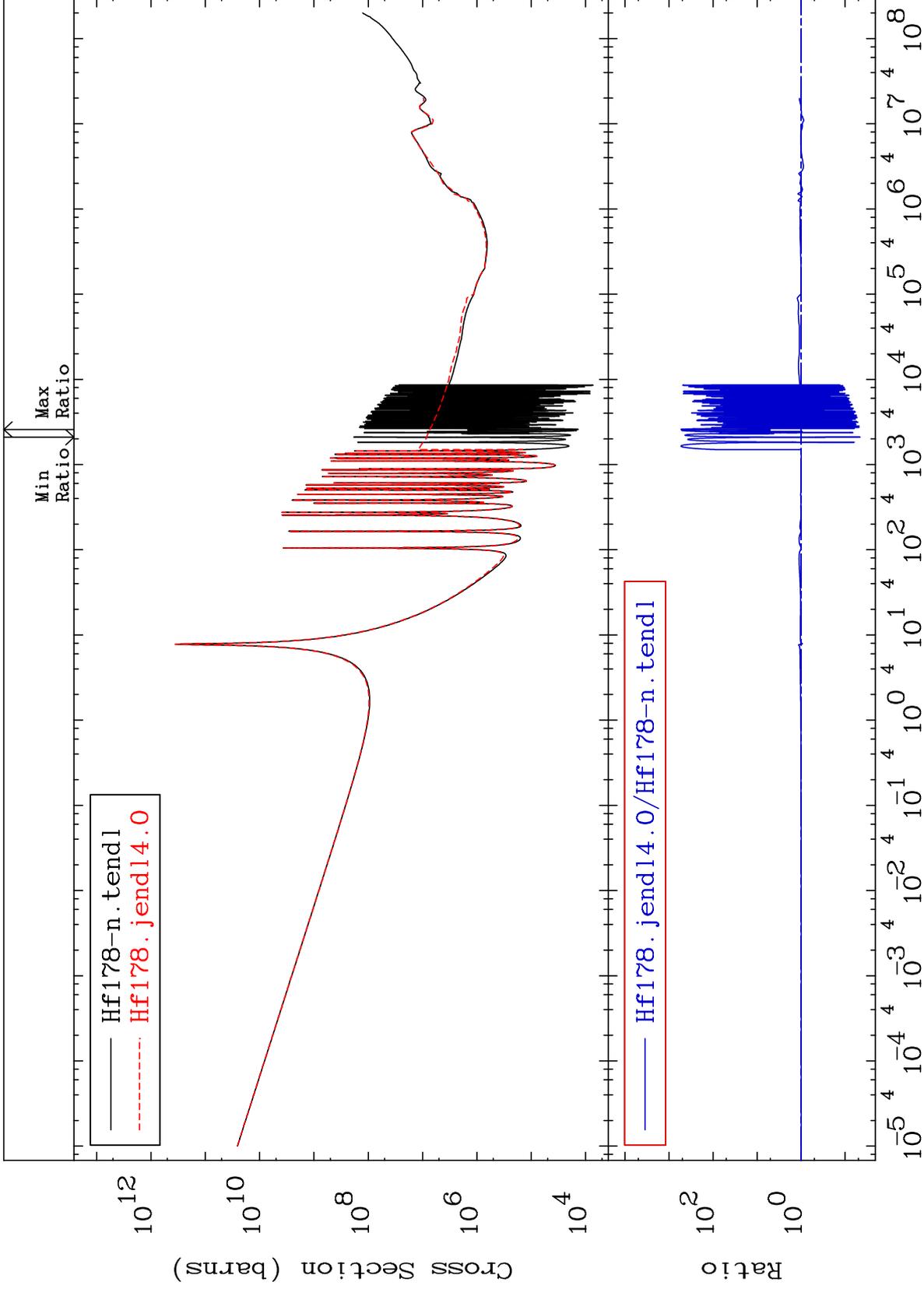


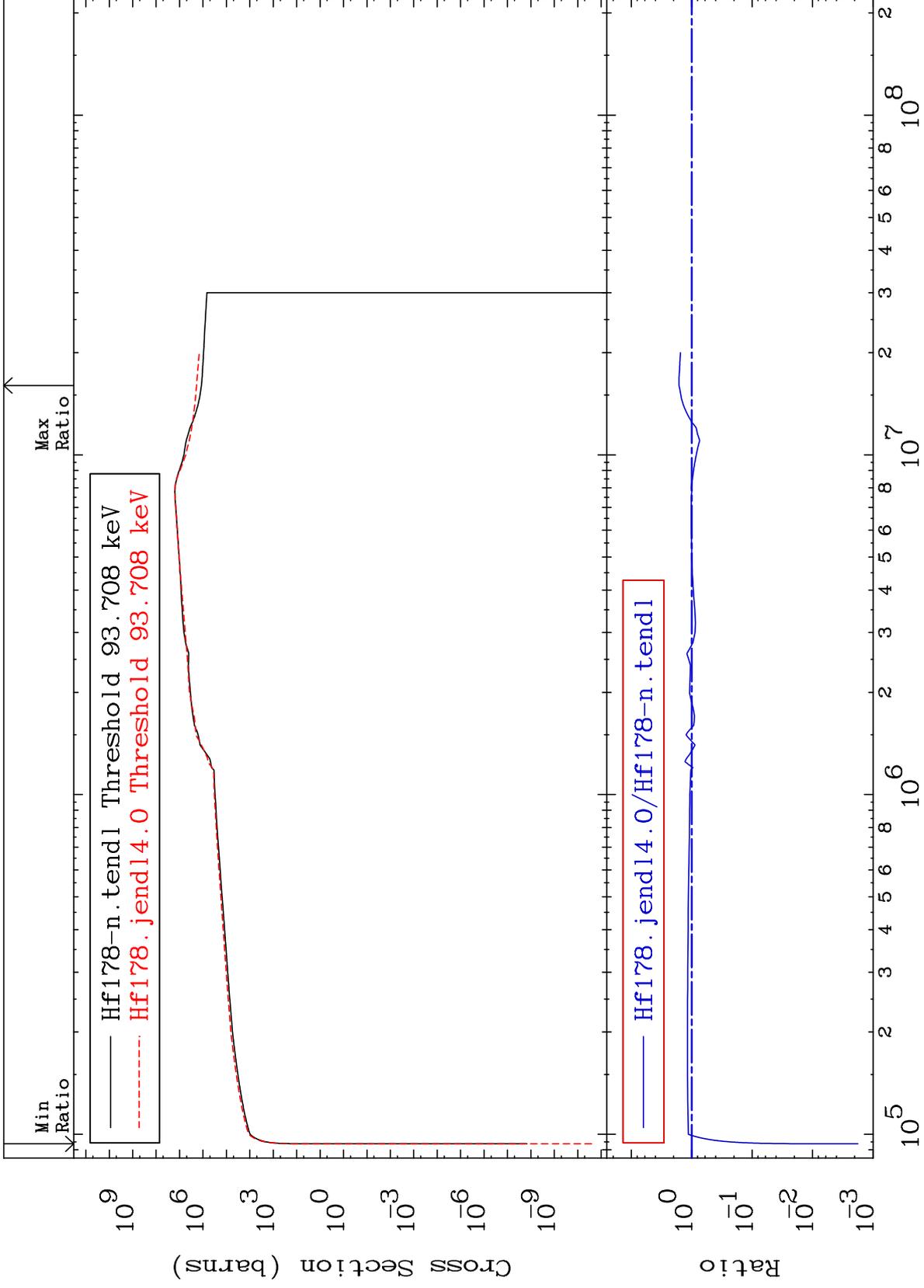




Cross Section

-95.42 To 9999. %

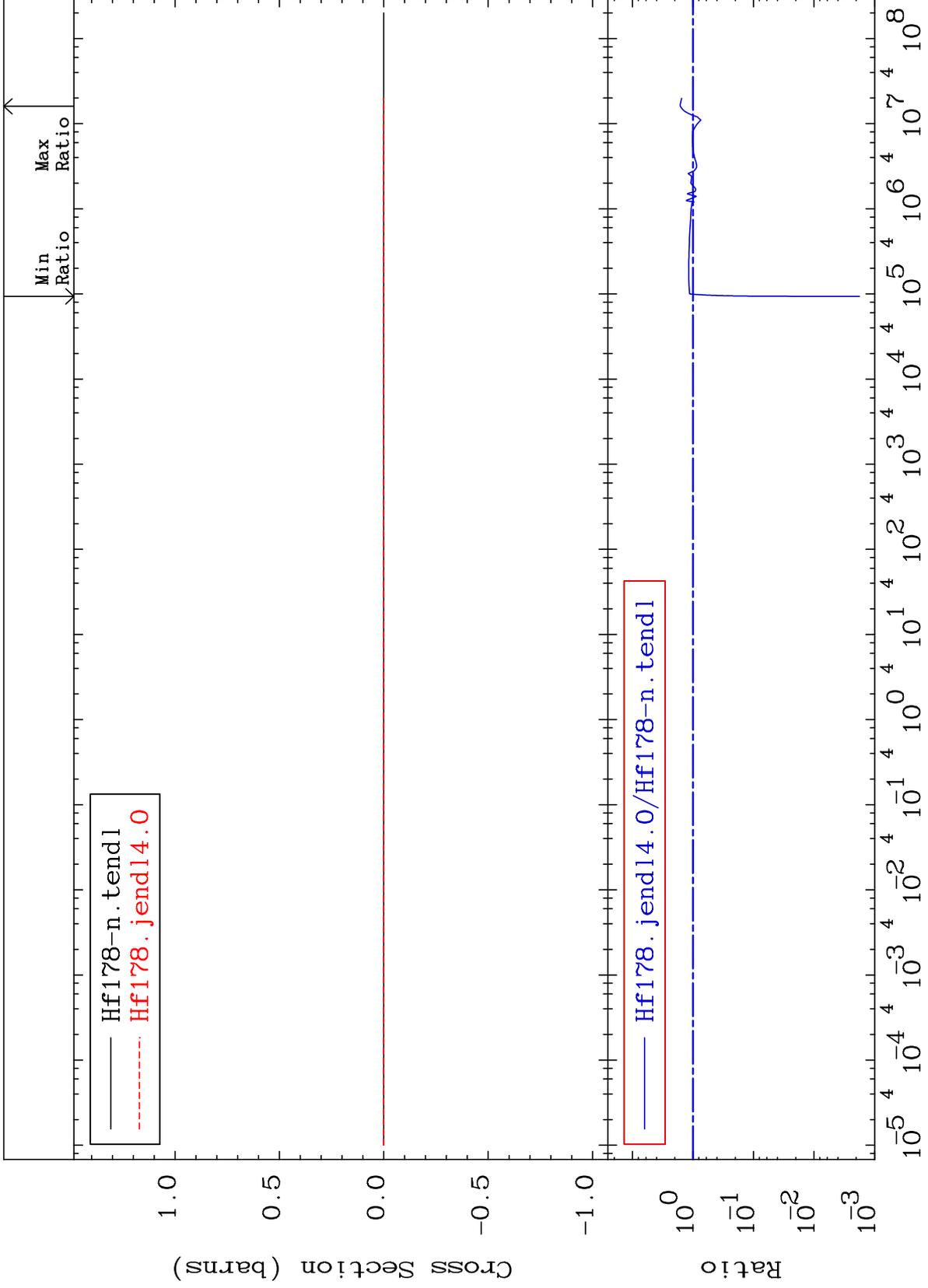


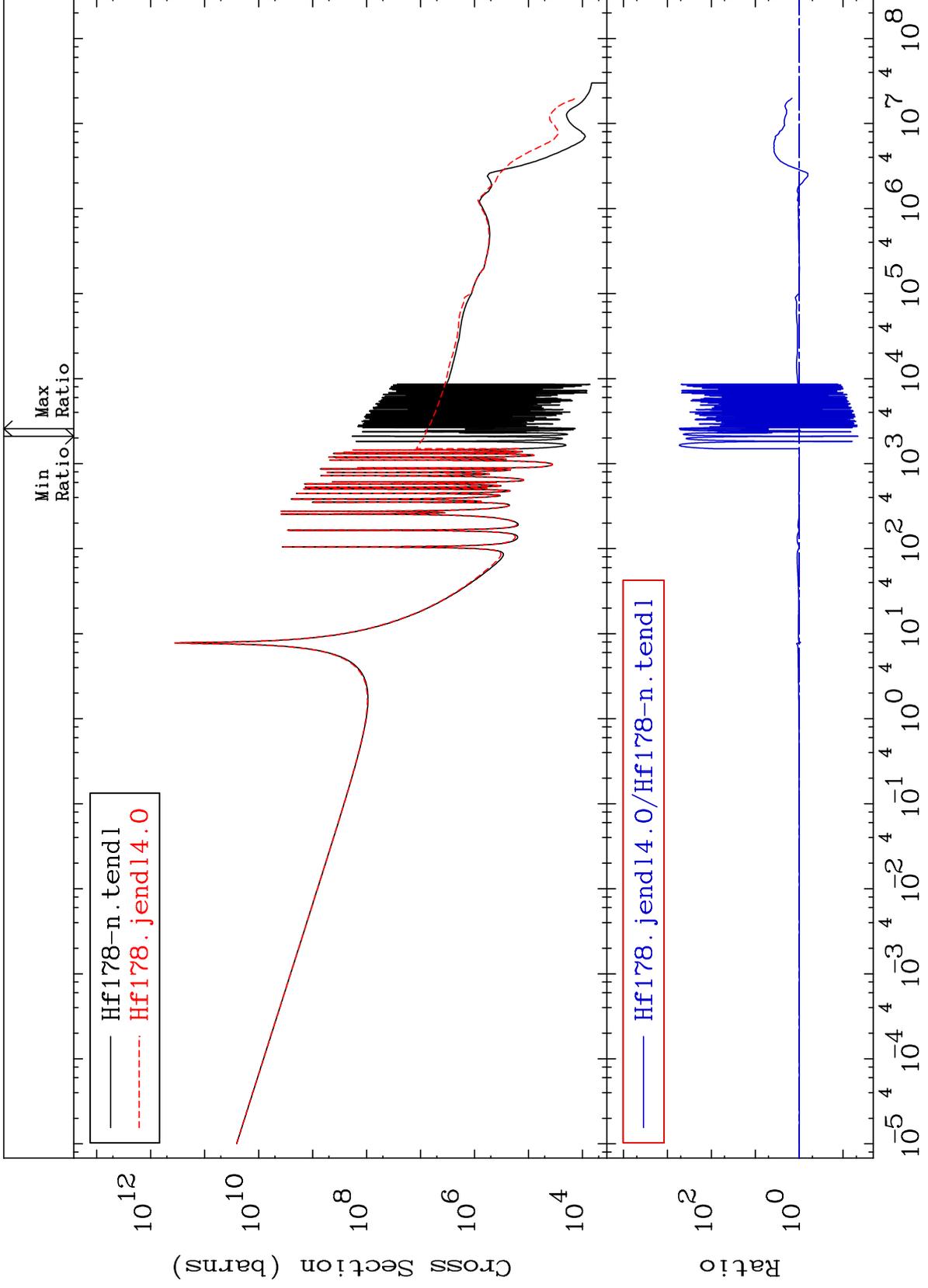


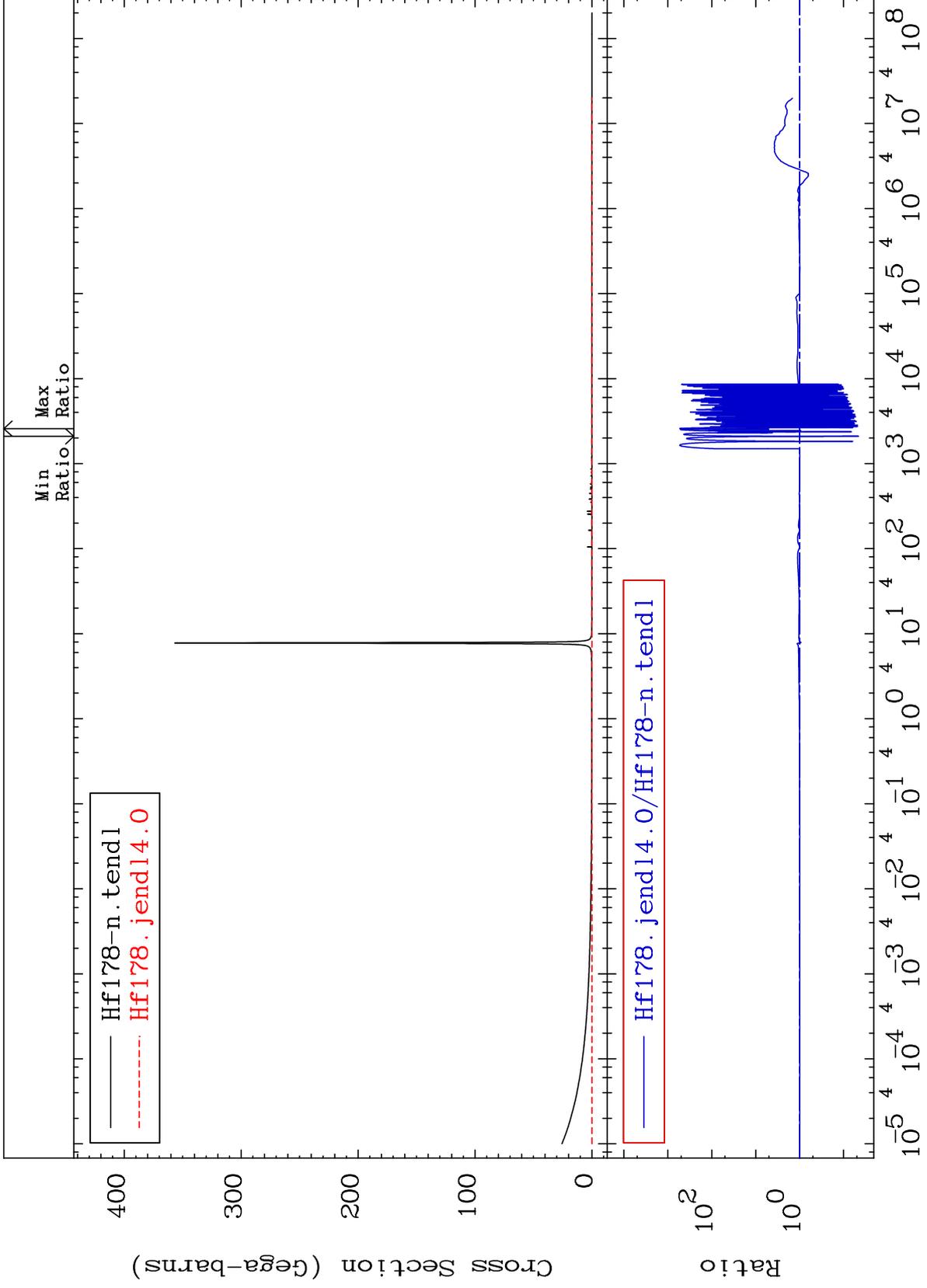
MAT 7237

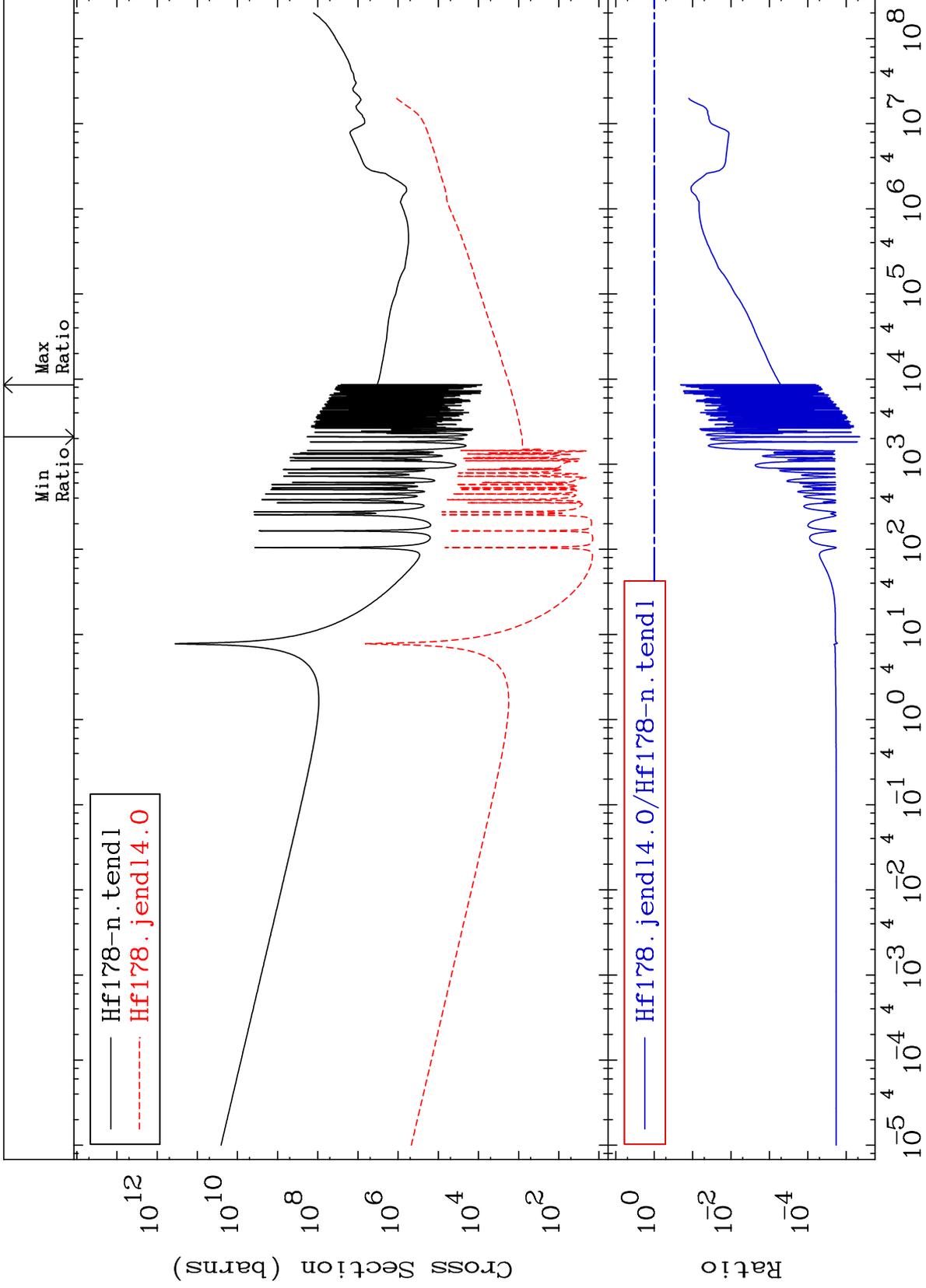
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

72-Hf-178
-99.82 To 62.19 %



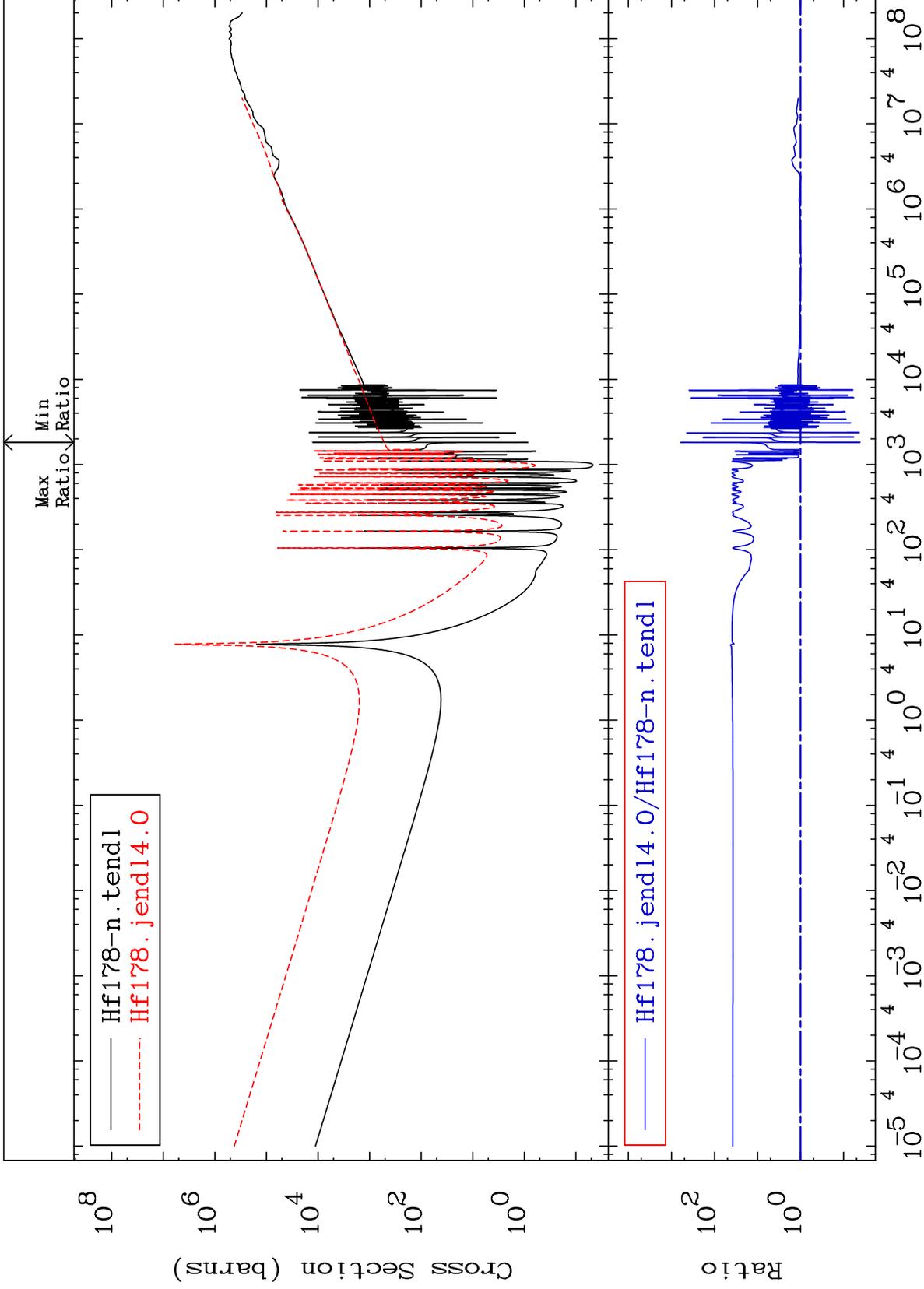






Cross Section

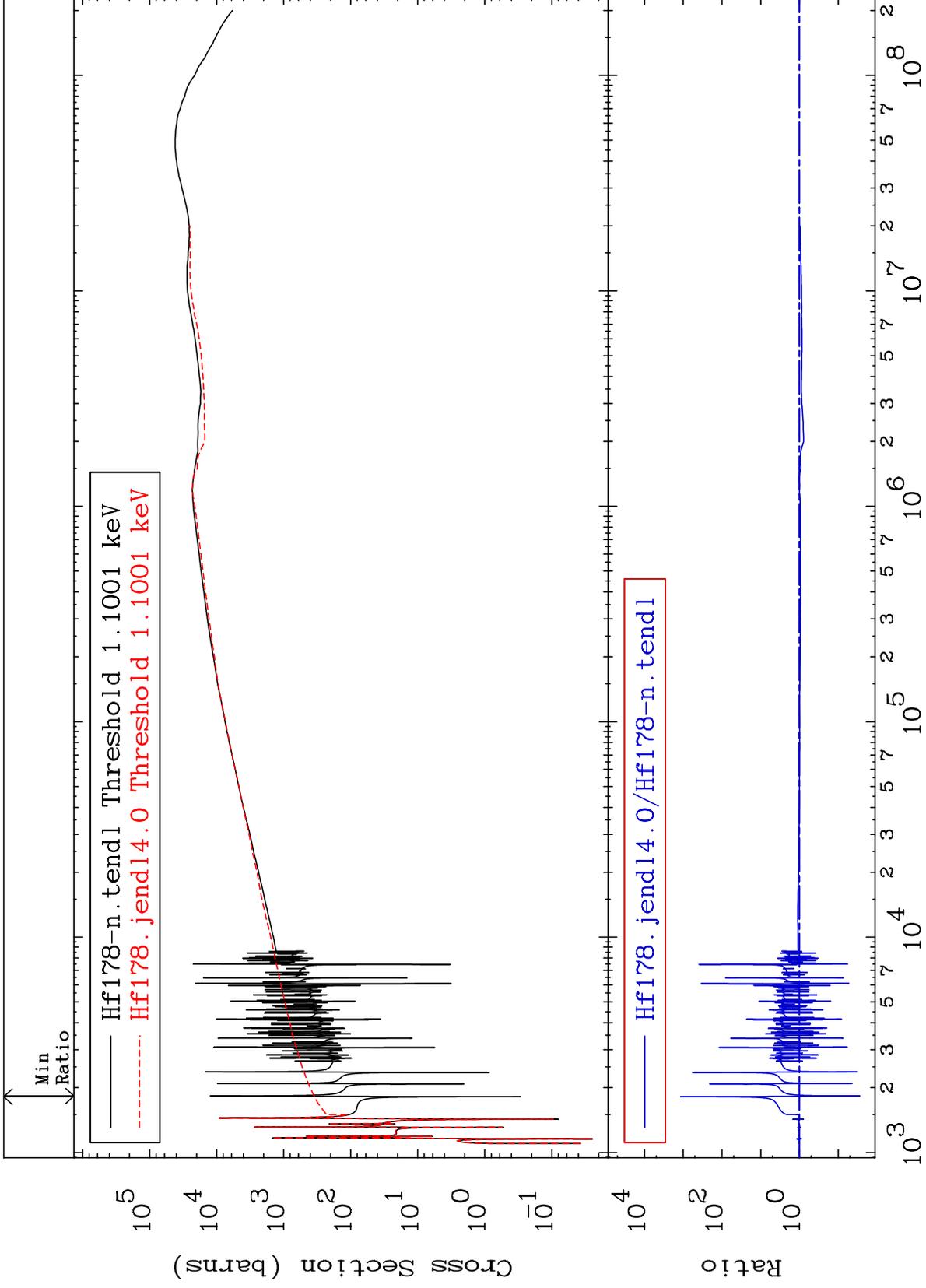
-95.86 To 9999. %



MAT 7237

Dpa elastic (mt2)
Cross Section

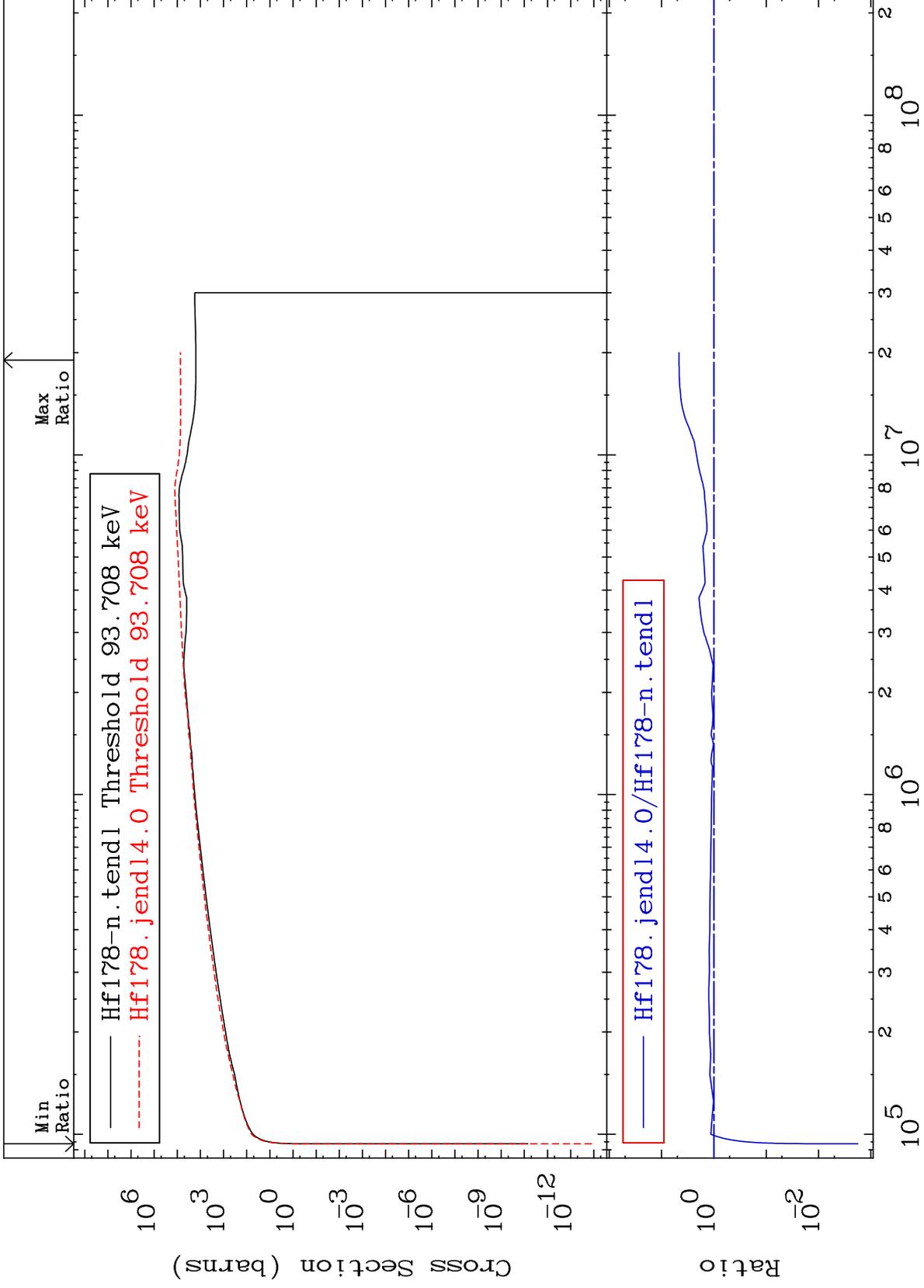
72-Hf-178
-97.22 To 9999. %



MAT 7237

Dpa inelastic (mt51-91)
Cross Section

72-Hf-178
-99.82 To 363.6 %



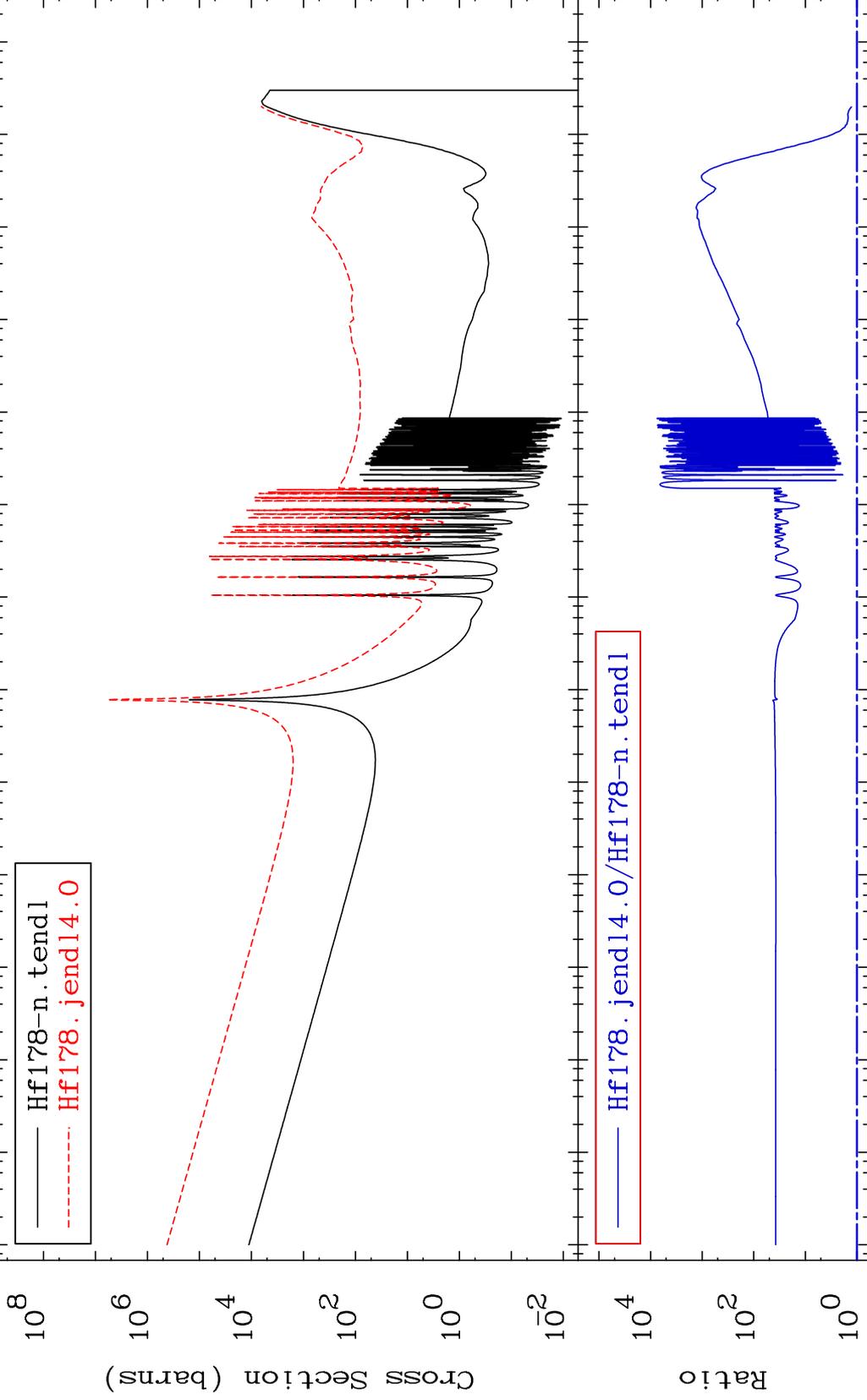
60

72-Hf-178

MAT 7237

Dpa disappearance (mt102 -120)
Cross Section

72-Hf-178
26.09 To 9999. %



61

Incident Energy (eV)

72-Hf-178