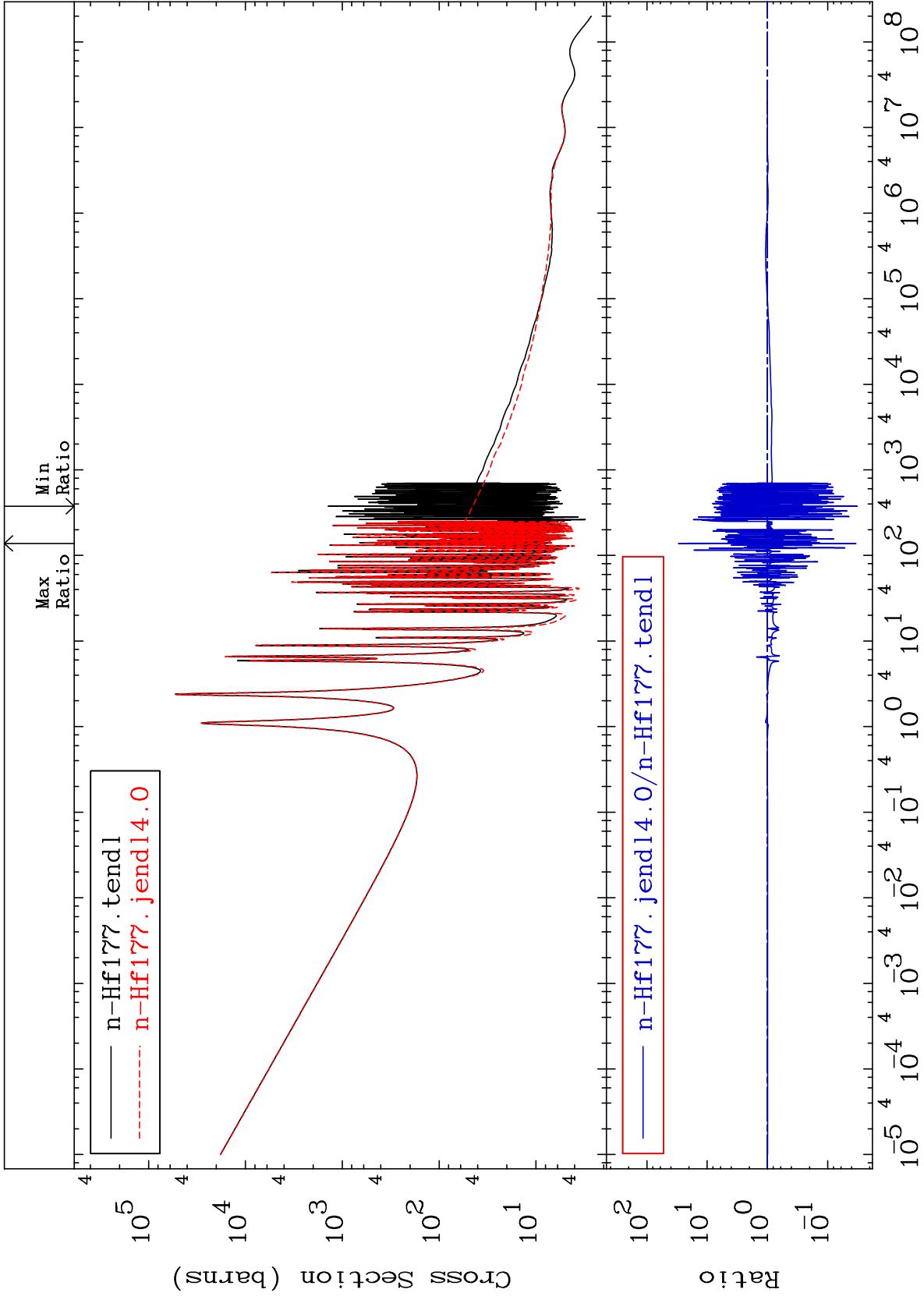


MAT 7234

Total
Cross Section

72-Hf-177
-96.77 To 2875. %



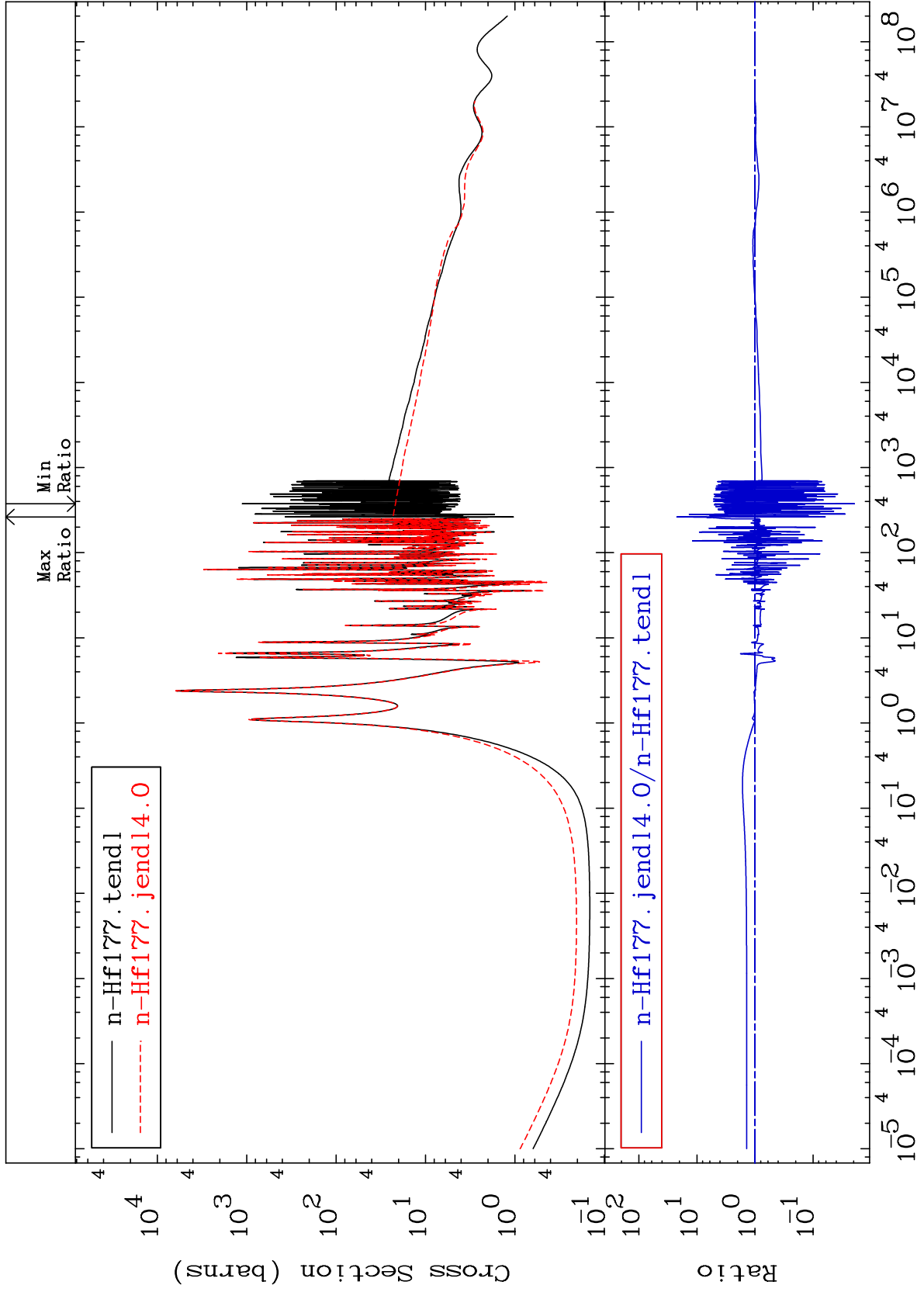
Incident Energy (eV)

72-Hf-177

MAT 7234

Elastic
Cross Section

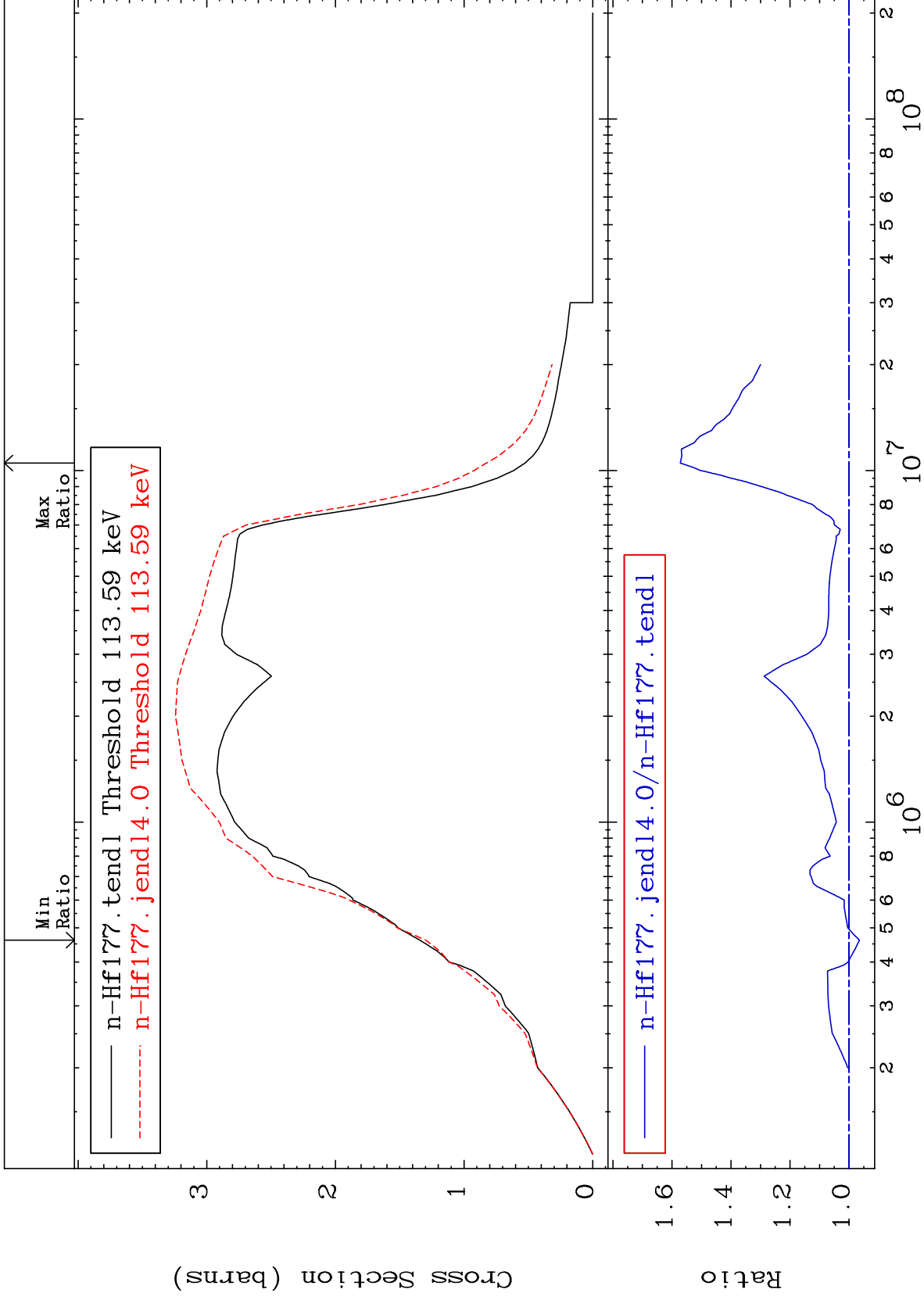
72-Hf-177
-98.06 To 2126. %



MAT 7234

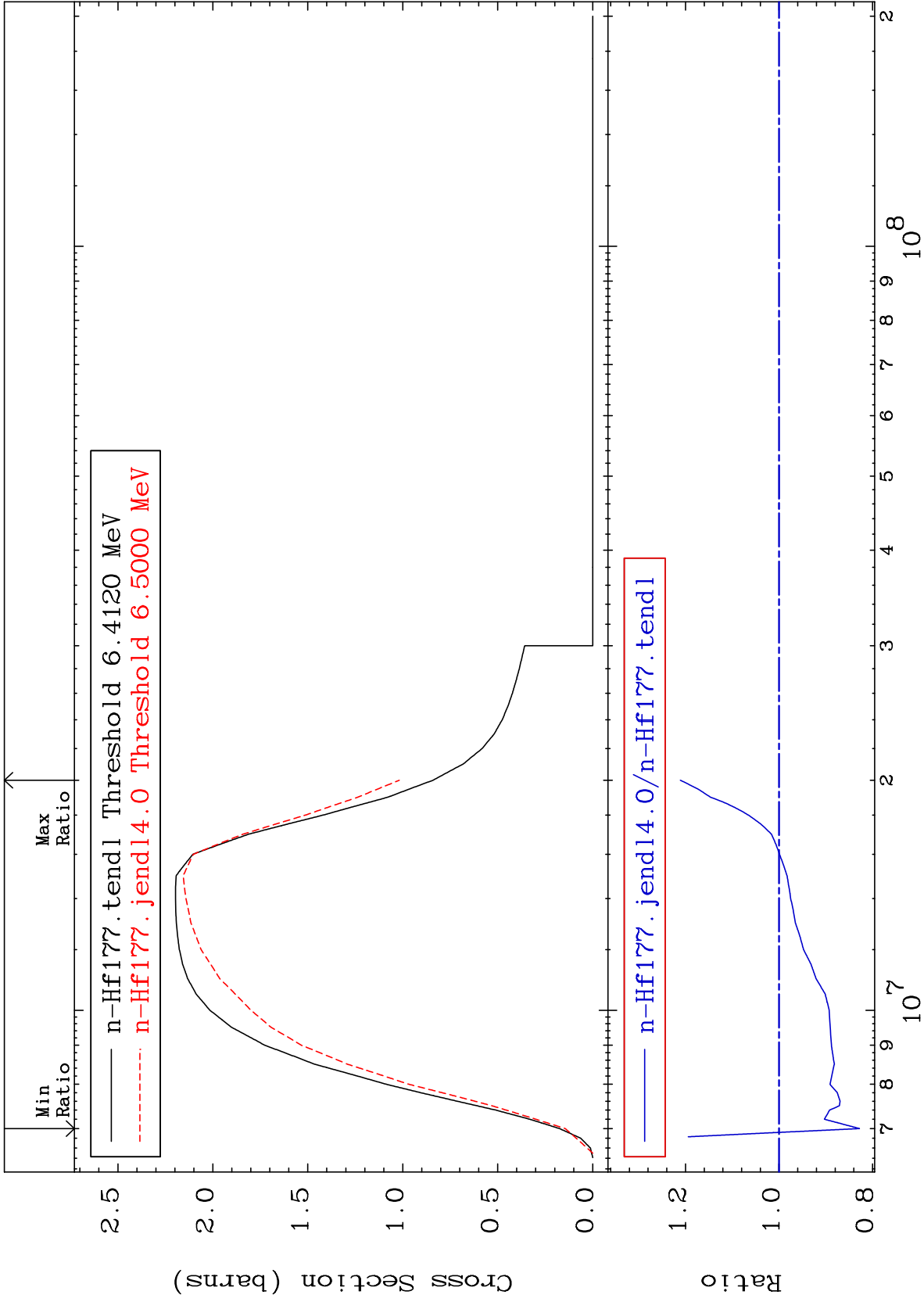
Inelastic
Cross Section

72-Hf-177
-3.527 To 57.16 %



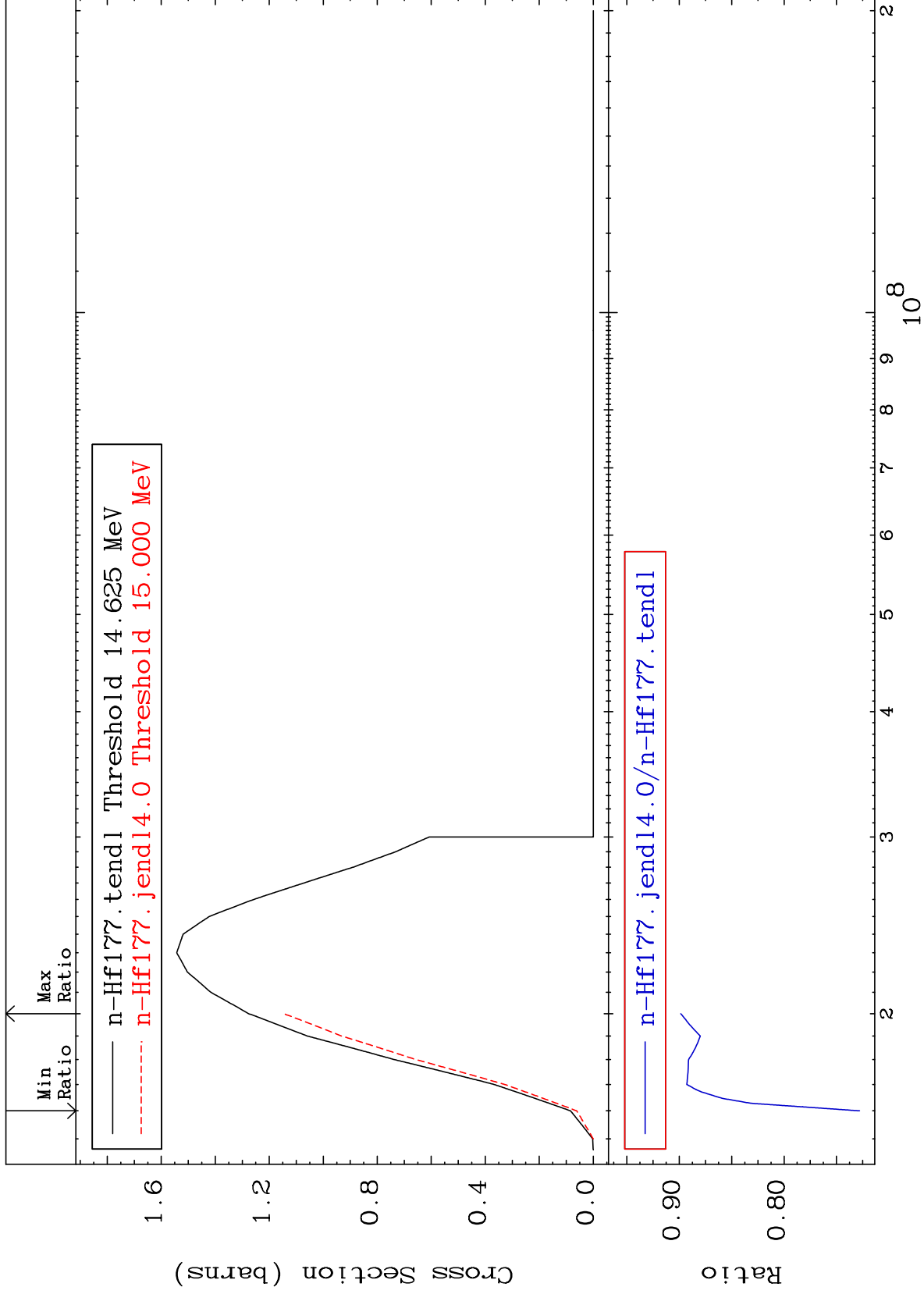
Cross Section

-17.19 To 21.10 %



Cross Section

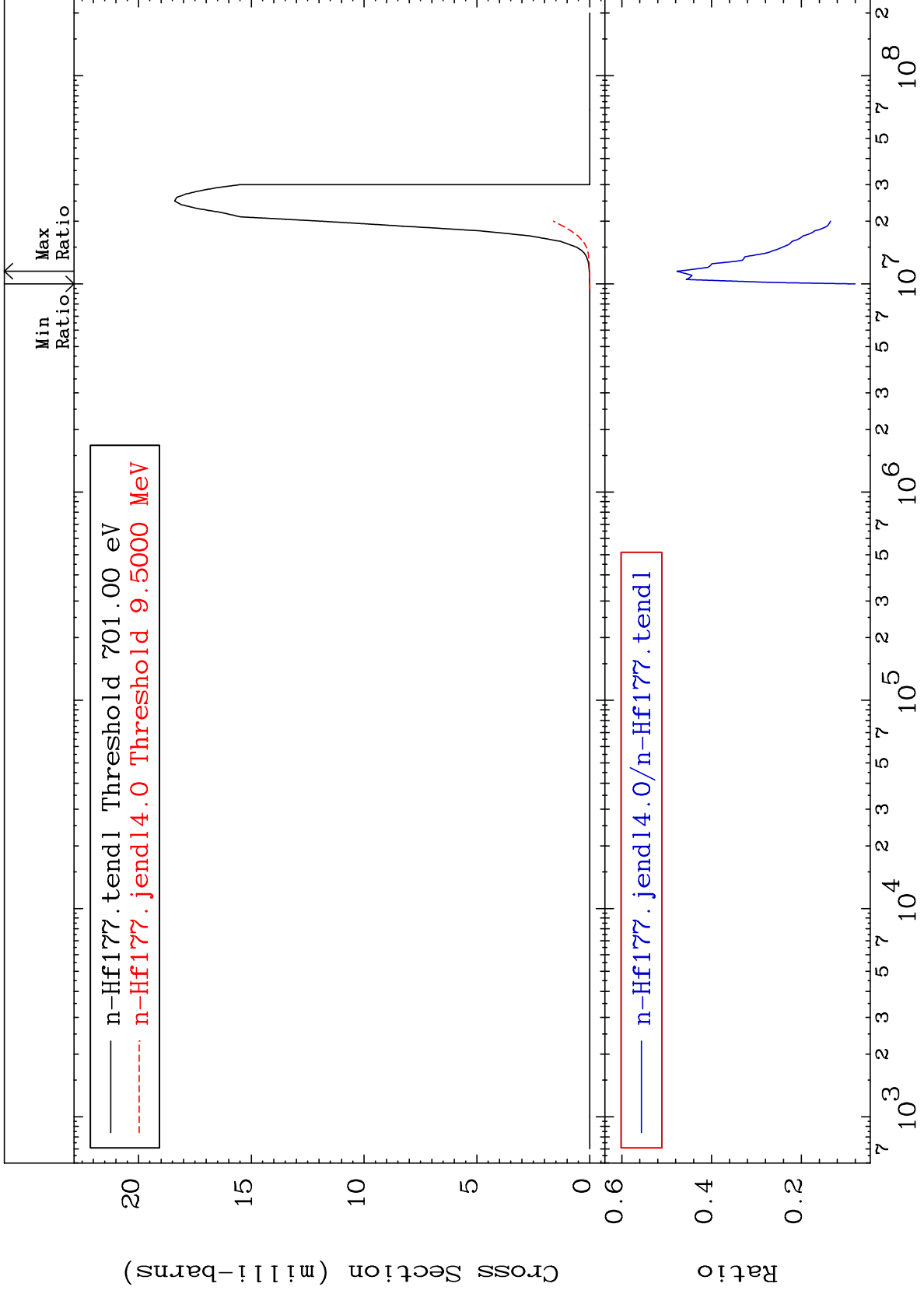
-27.20 To -10.14%



MAT 7234

(n,n') α
Cross Section

72-Hf-177
-91.96 To -52.28%



6

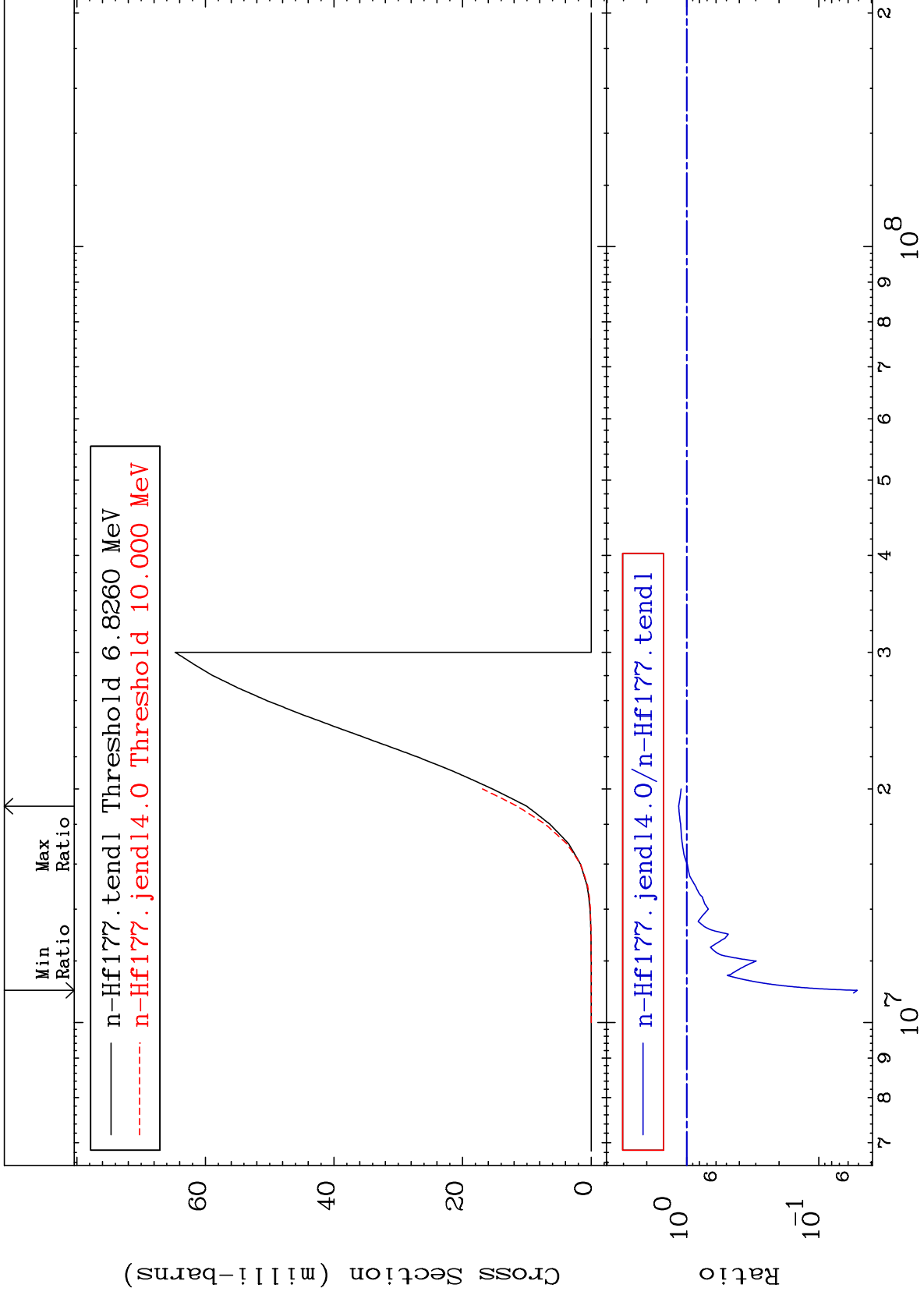
Incident Energy (eV)

72-Hf-177

MAT 7234

(n,n') p
Cross Section

72-Hf-177
-94.88 To 14.95 %



7

Incident Energy (eV)

72-Hf-177

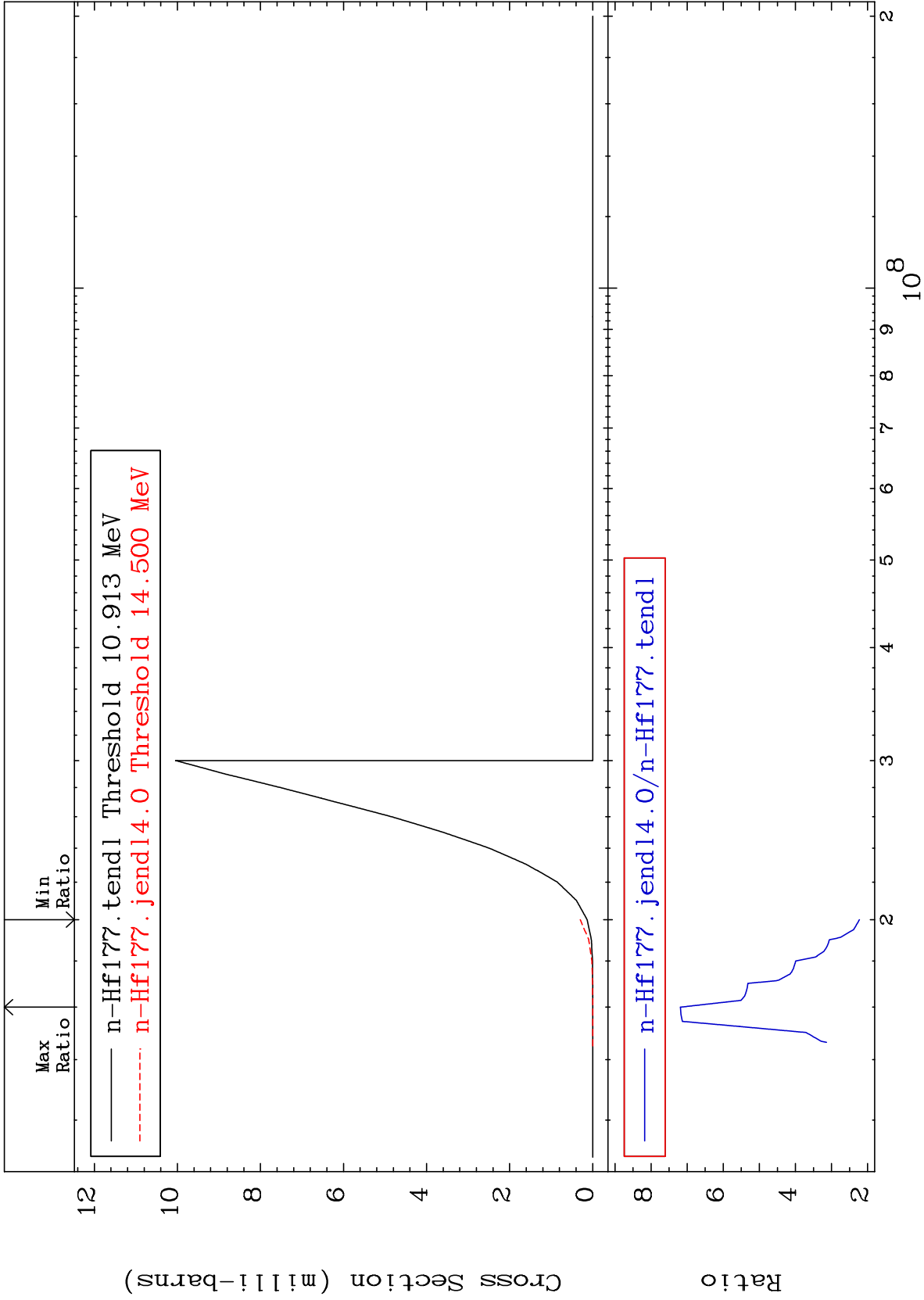
MAT 7234

(n,n') d

72-Hf-177

Cross Section

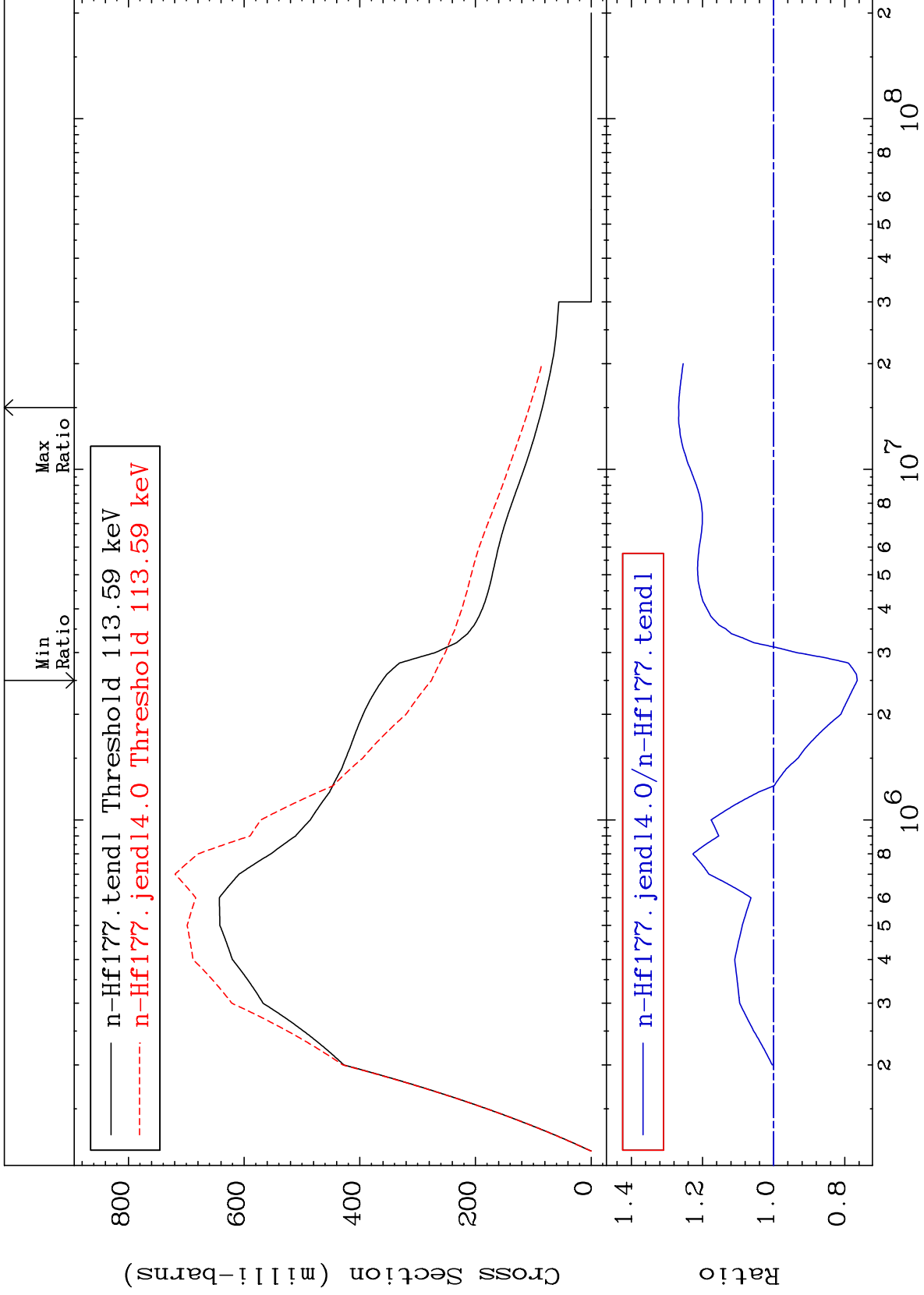
122.7 To 618.8 %



MAT 7234

MT= 51 (n,n') Level
Cross Section

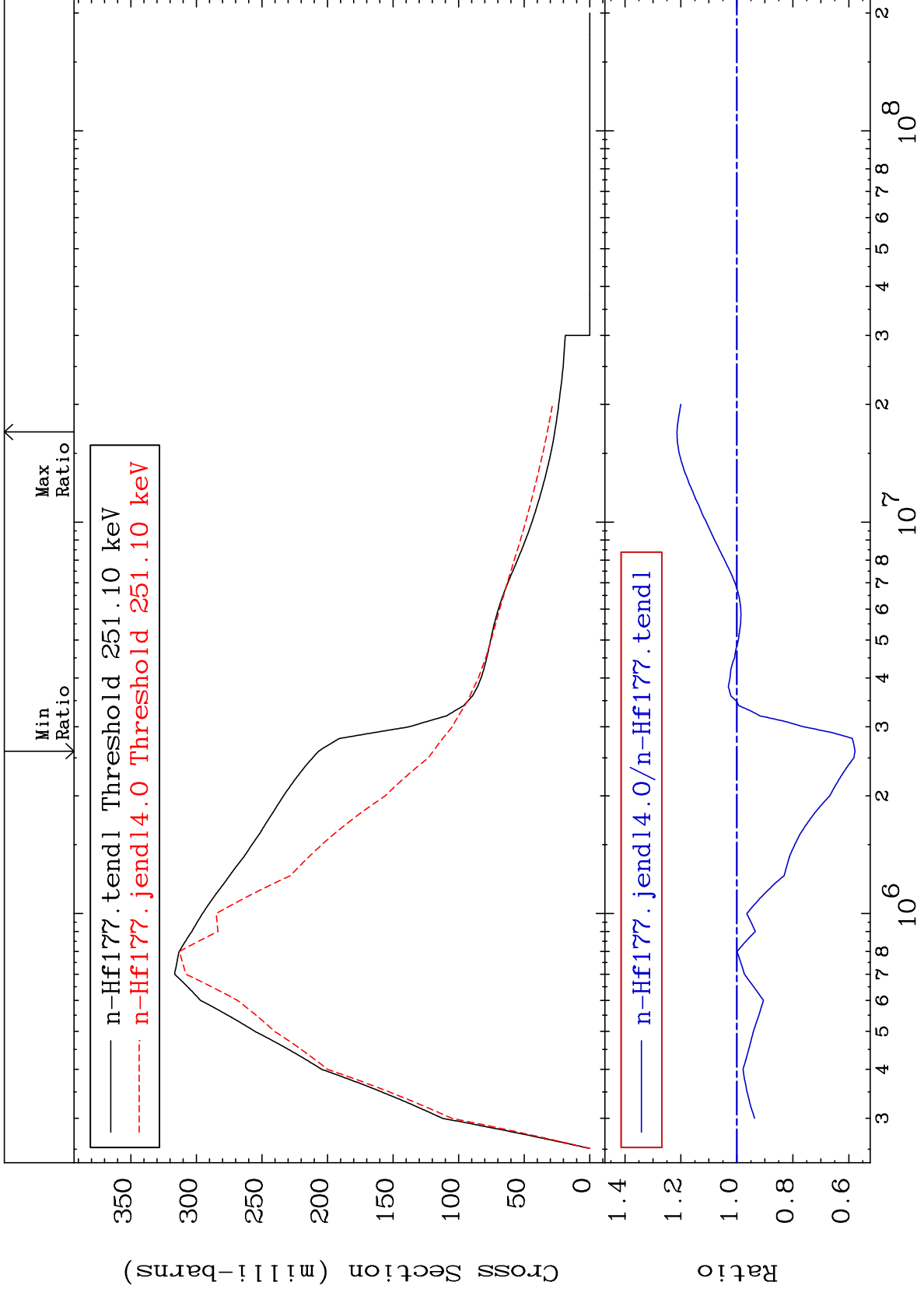
72-Hf-177
-23.50 To 26.70 %



MAT 7234

MT= 52 (n,n') Level
Cross Section

72-Hf-177
-42.26 To 21.43 %



10

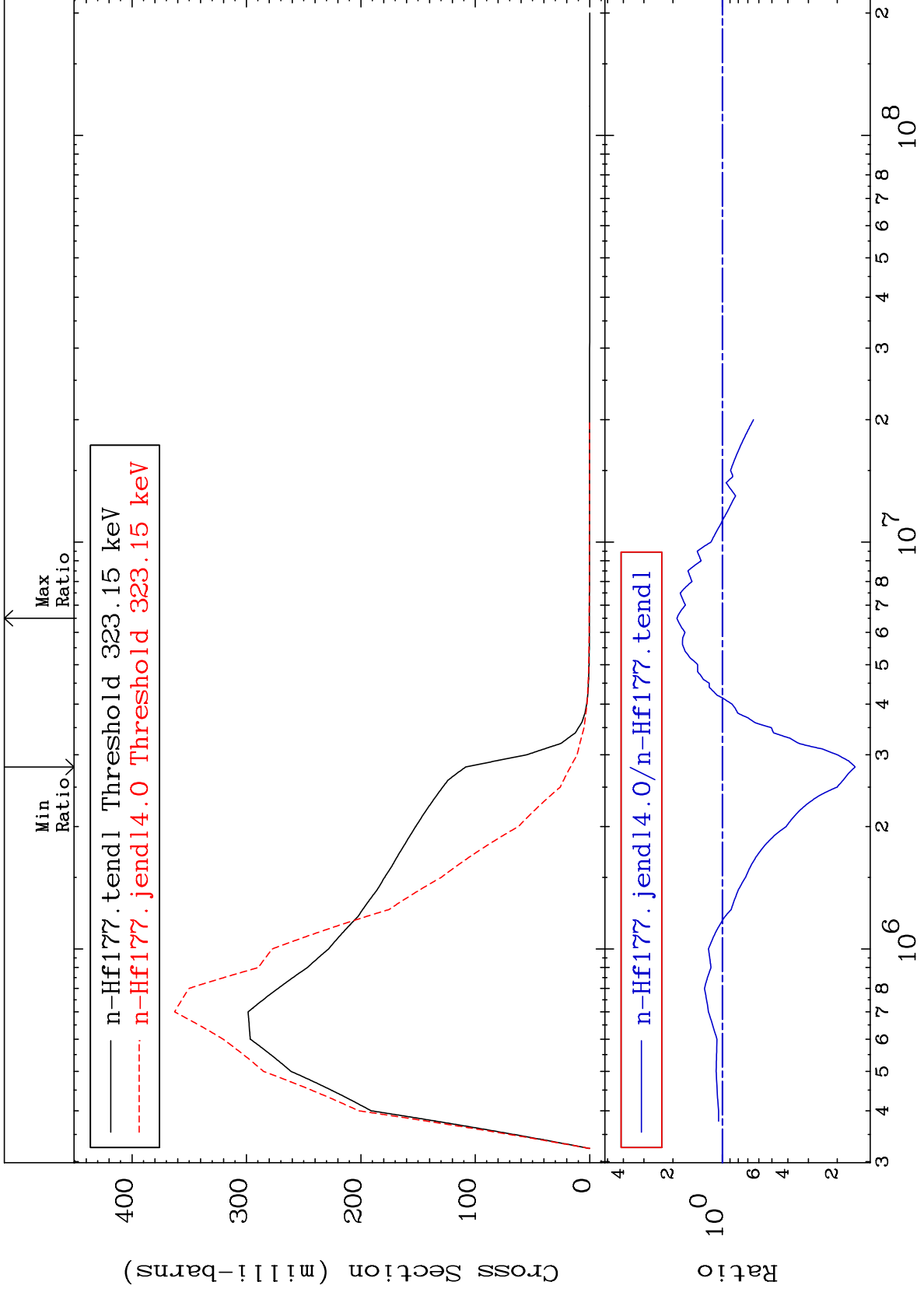
Incident Energy (eV)

72-Hf-177

MAT 7234

MT= 53 (n, n') Level
Cross Section

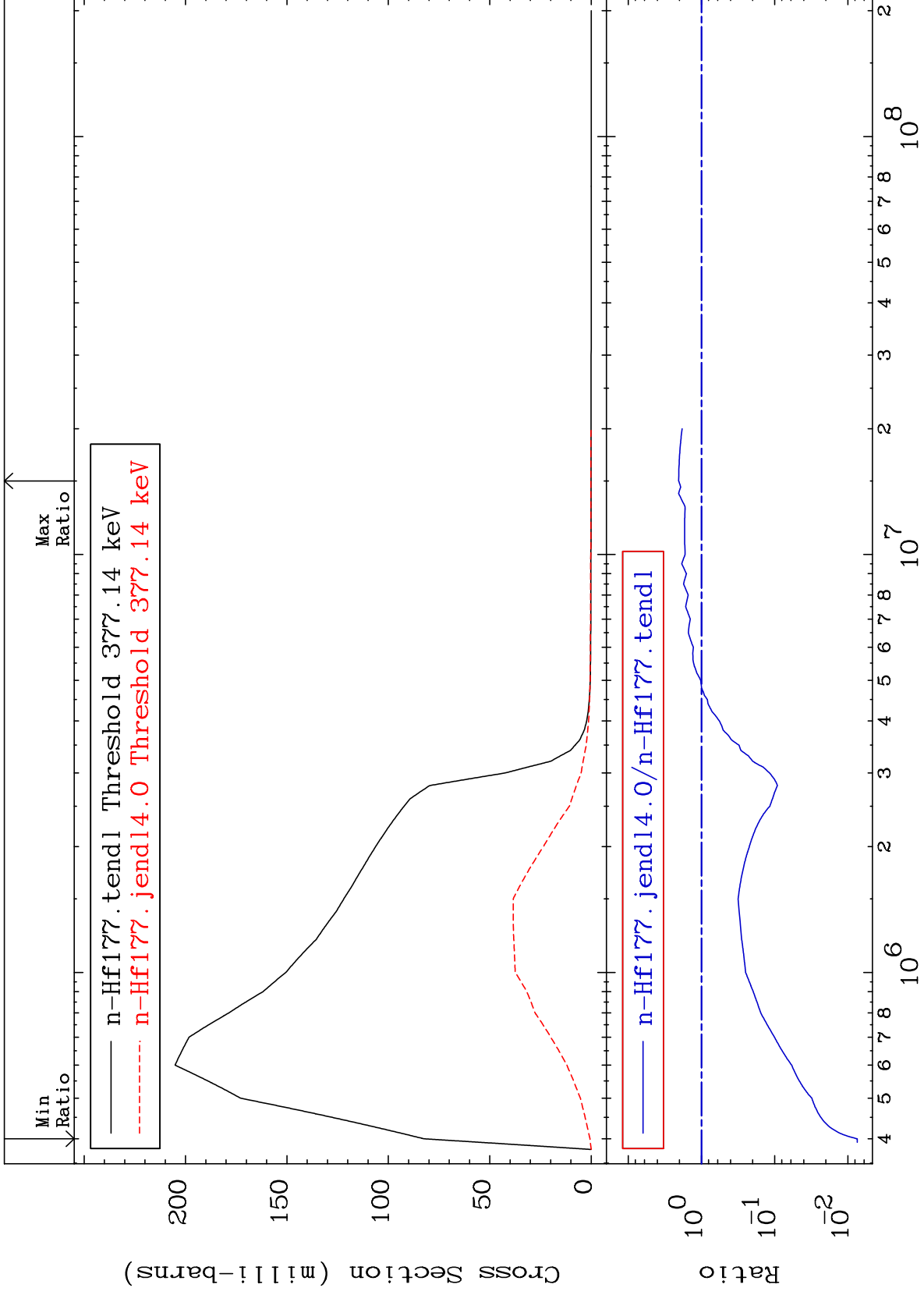
72-Hf-177
-84.40 To 89.09 %



MAT 7234

MT= 54 (n,n') Level
Cross Section

72-Hf-177
-99.26 To 104.6 %



12

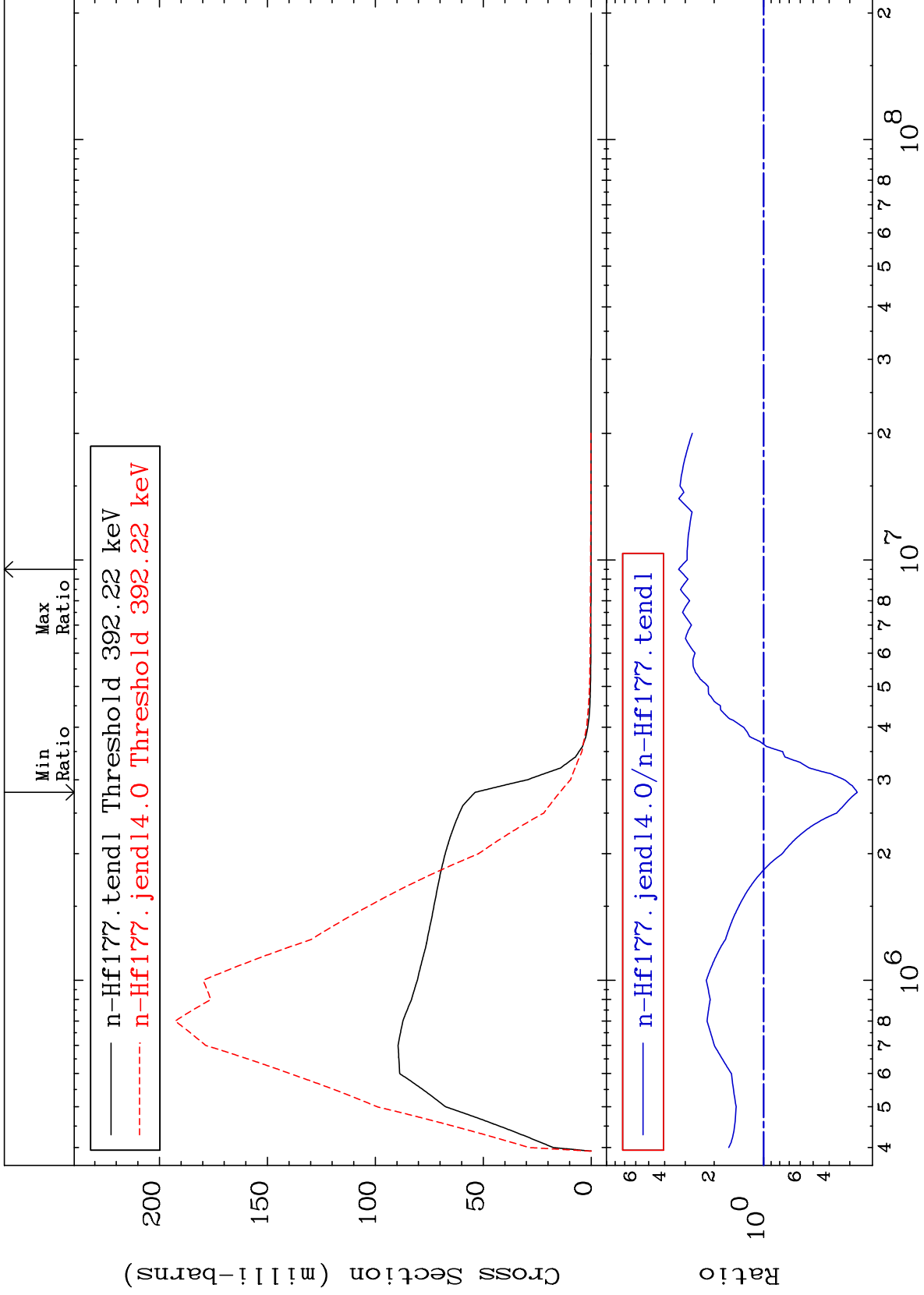
Incident Energy (eV)

72-Hf-177

MAT 7234

MT= 55 (n,n') Level
Cross Section

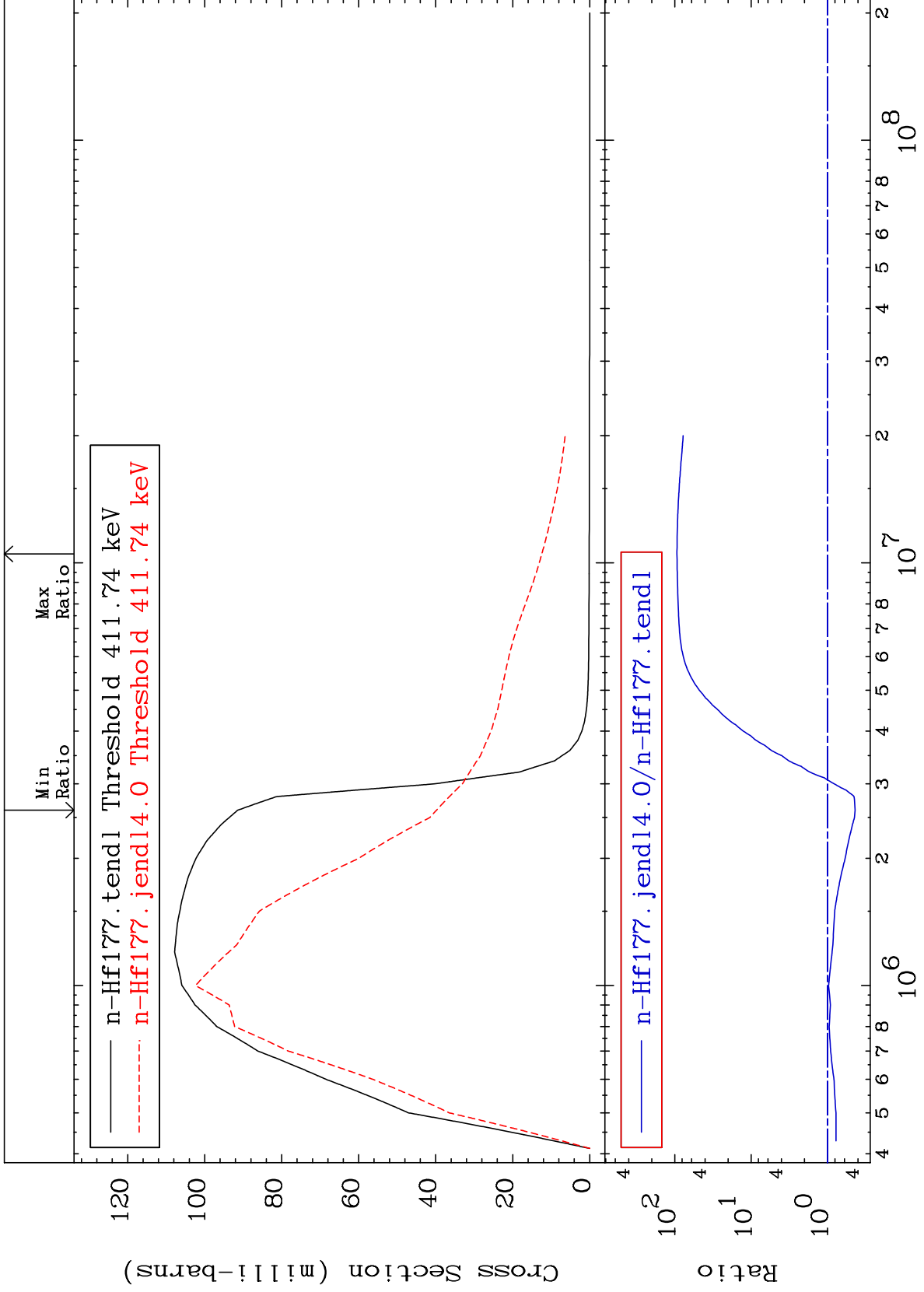
72-Hf-177
-73.00 To 228.9 %



MAT 7234

MT= 56 (n,n') Level
Cross Section

72-Hf-177
-56.47 To 9255. %



14

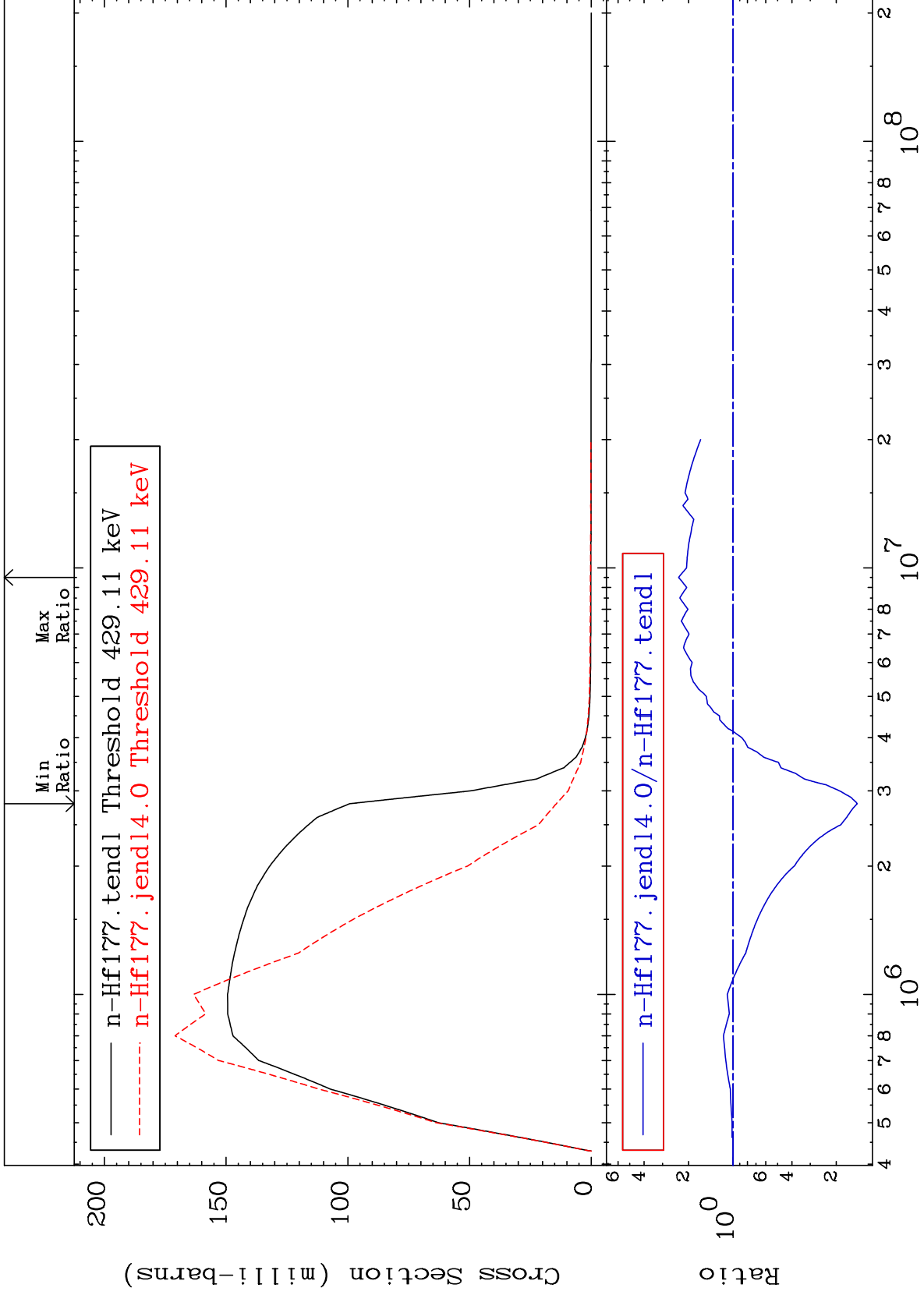
Incident Energy (eV)

72-Hf-177

MAT 7234

MT= 57 (n, n') Level
Cross Section

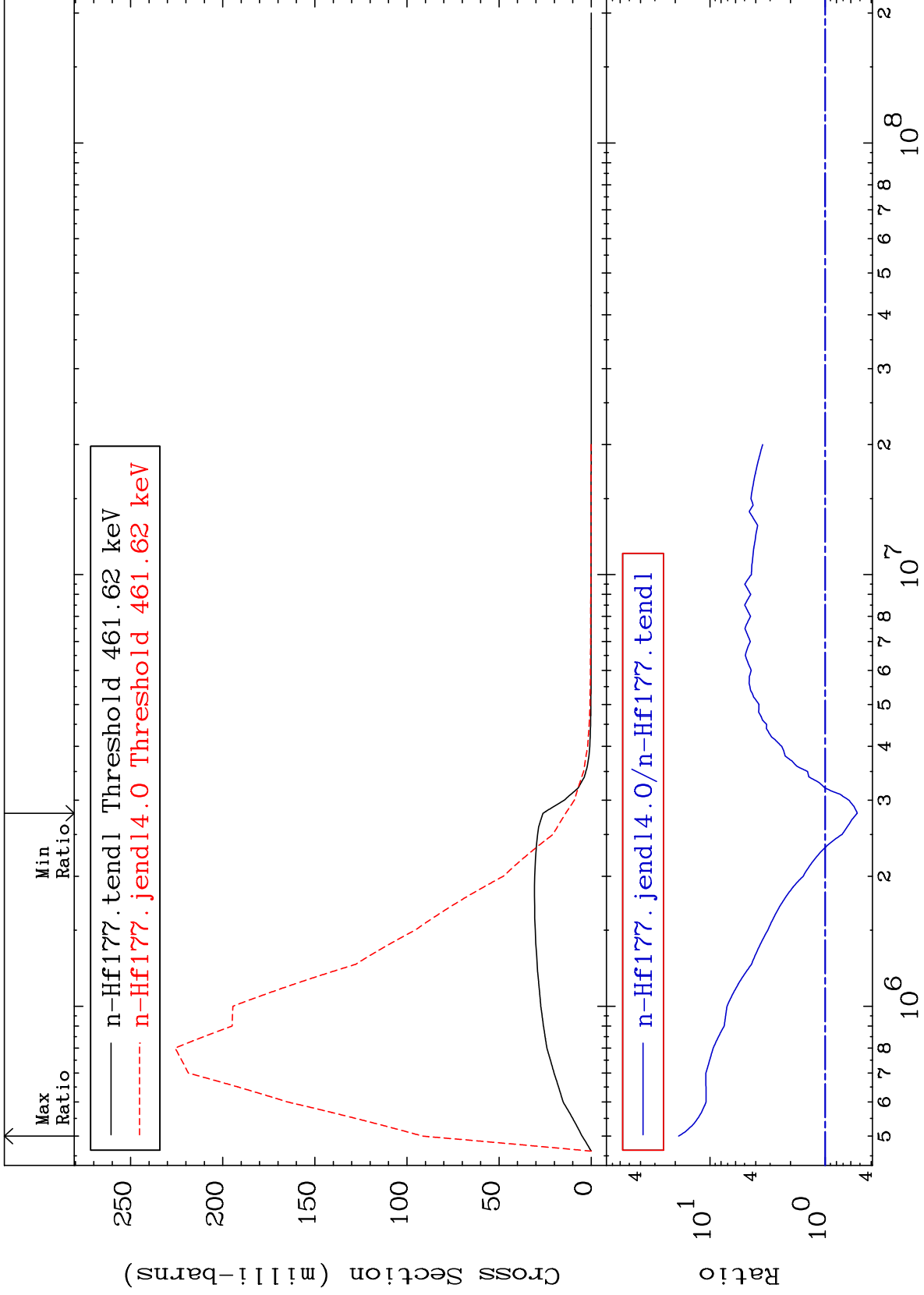
72-Hf-177
-85.56 To 133.4 %



MAT 7234

MT= 58 (n,n') Level
Cross Section

72-Hf-177
-47.26 To 1767. %



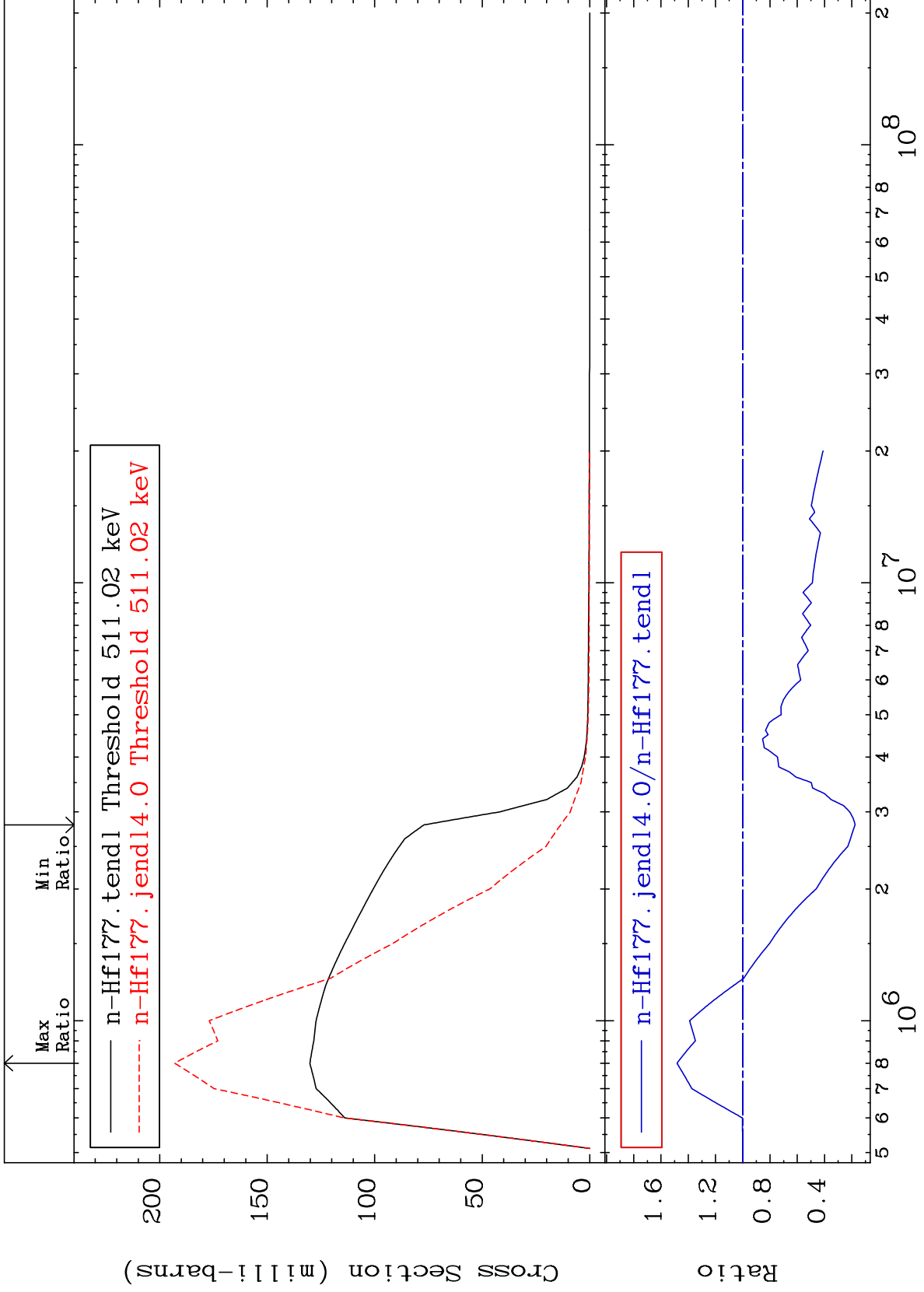
16

72-Hf-177

MAT 7234

MT= 59 (n,n') Level
Cross Section

72-Hf-177
-82.41 To 48.32 %



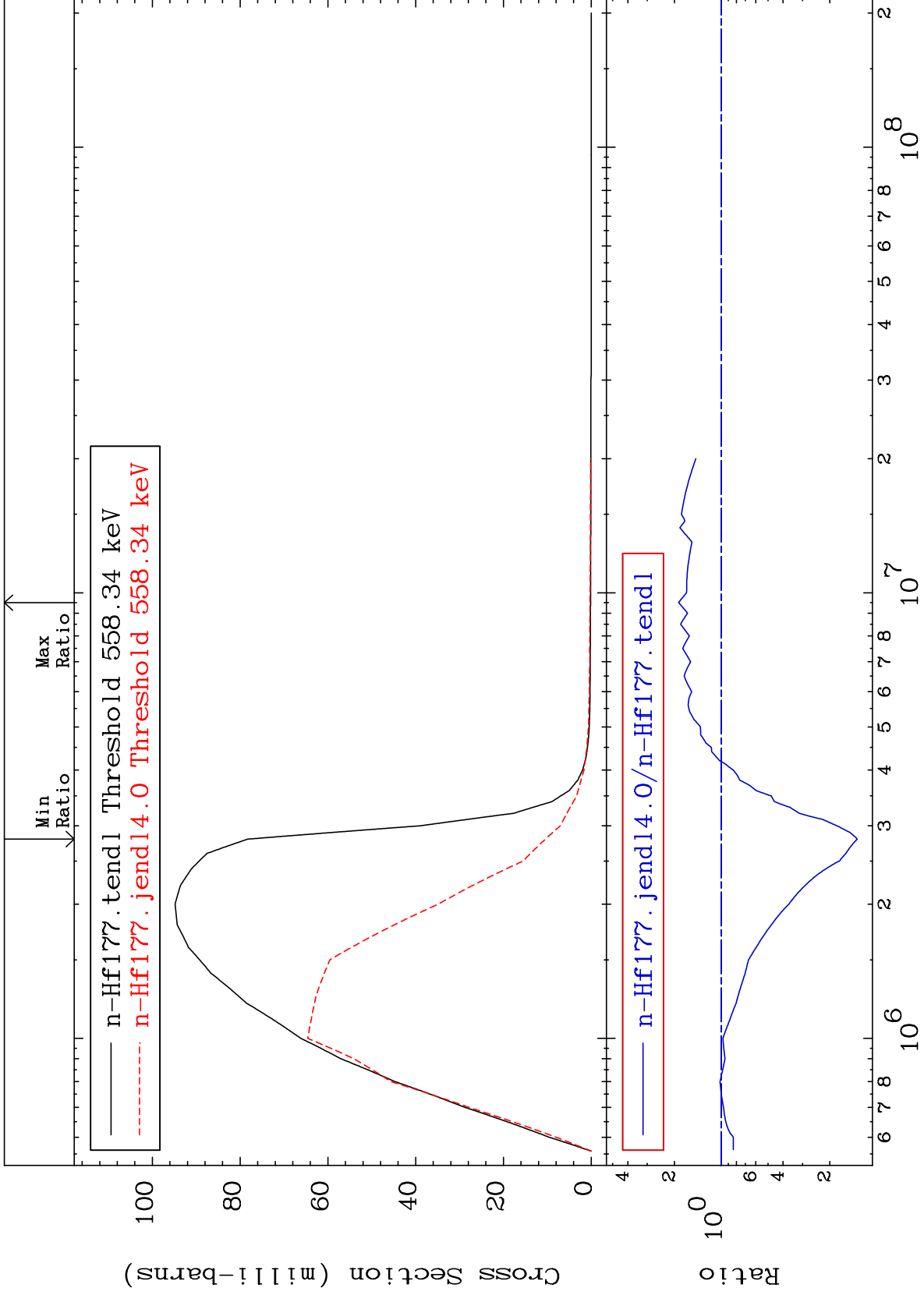
17

72-Hf-177

MAT 7234

MT= 60 (n,n') Level
Cross Section

72-Hf-177
-86.68 To 88.17 %



18

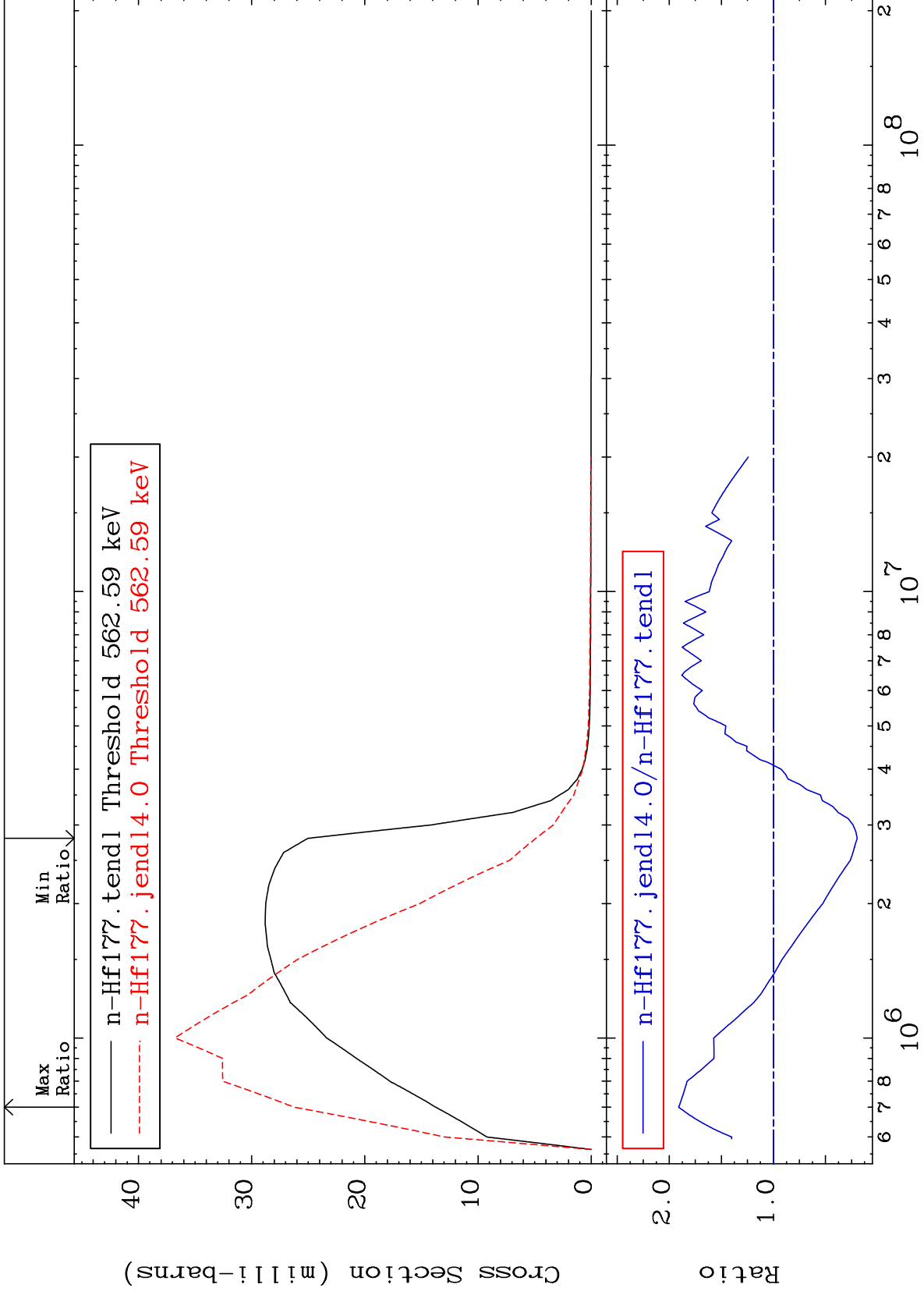
Incident Energy (eV)

72-Hf-177

MAT 7234

MT= 61 (n,n') Level
Cross Section

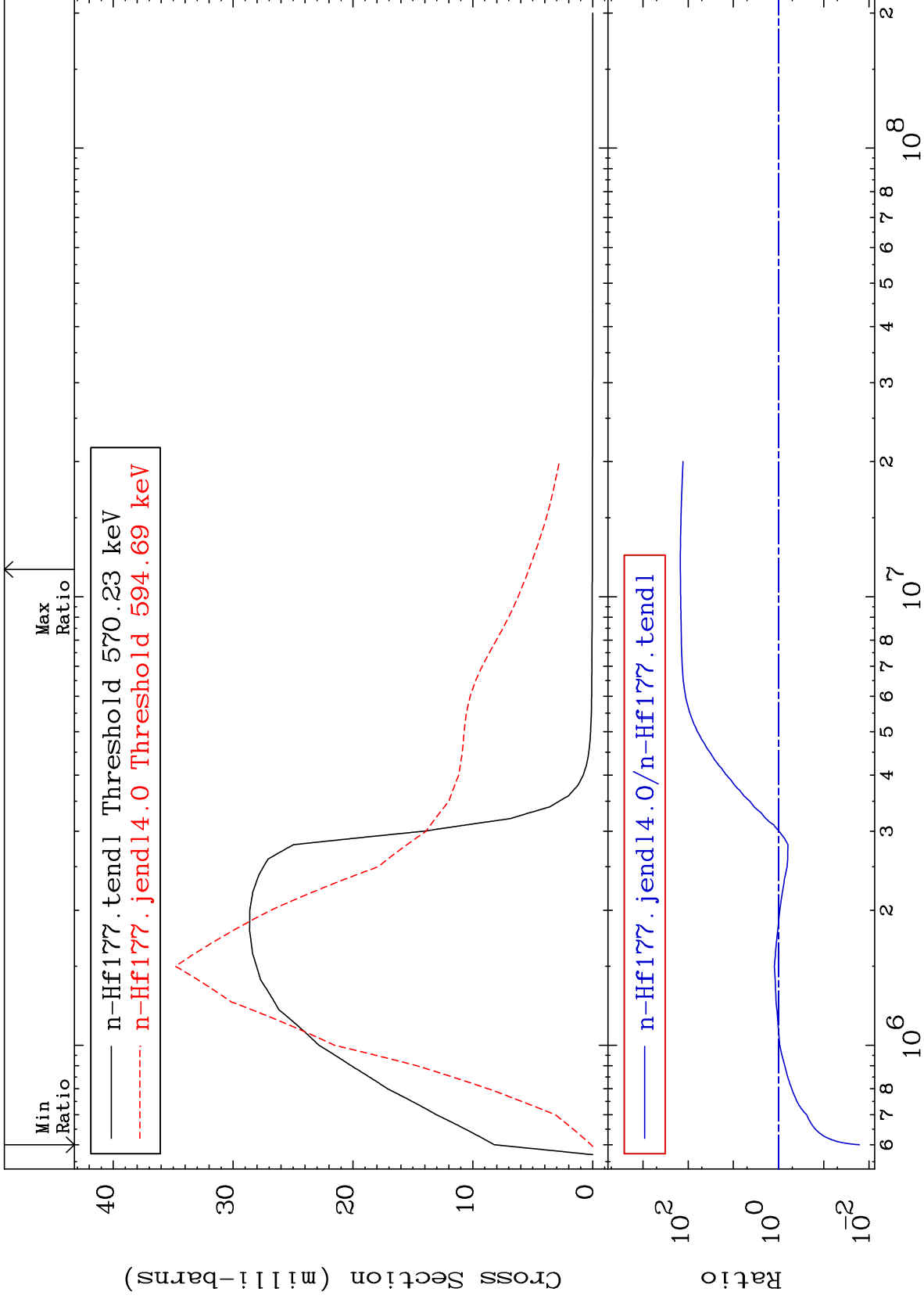
72-Hf-177
-80.46 To 91.00 %



MAT 7234

MT= 62 (n,n') Level
Cross Section

72-Hf-177
-98.37 To 9999. %



20

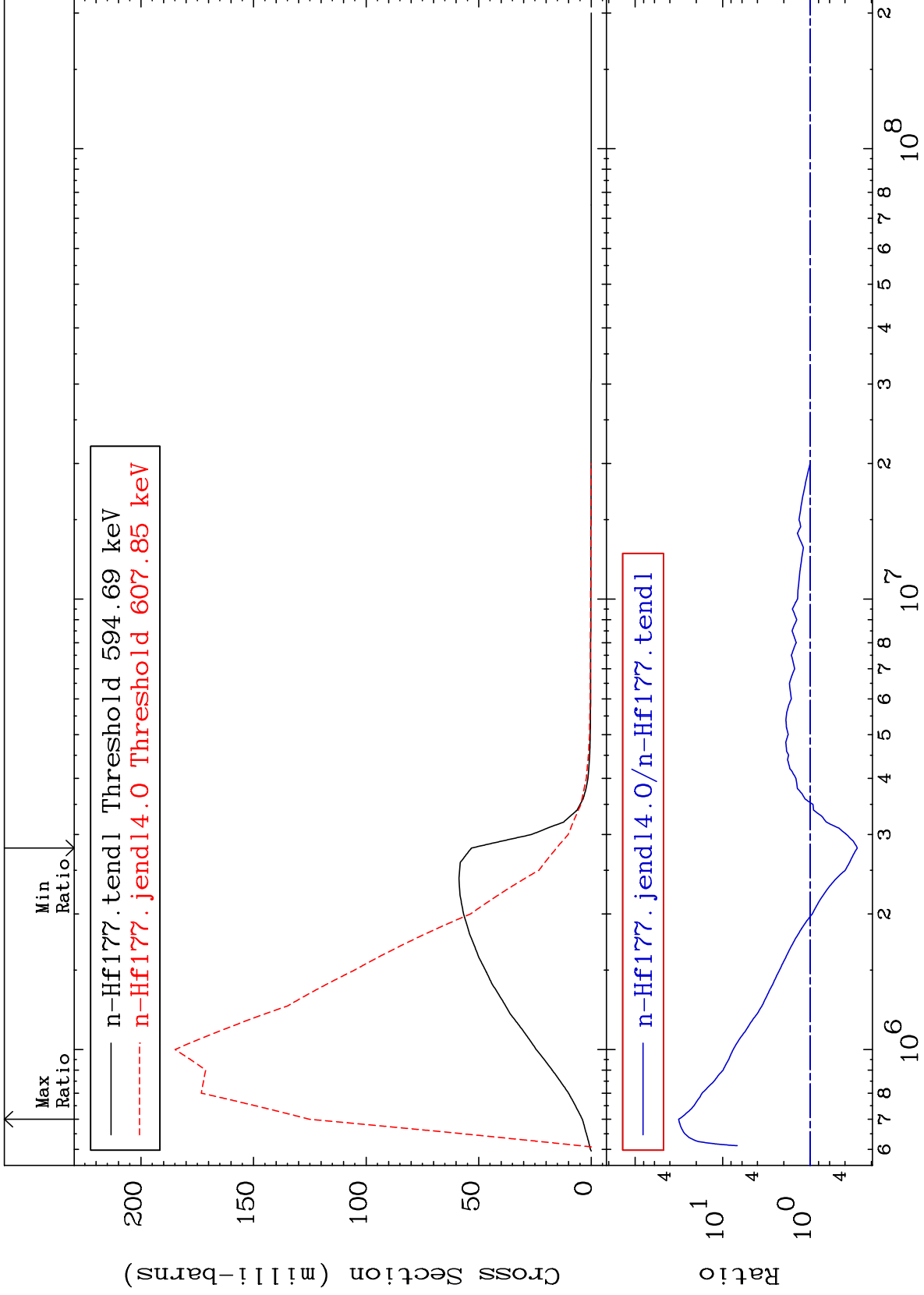
Incident Energy (eV)

72-Hf-177

MAT 7234

MT= 63 (n,n') Level
Cross Section

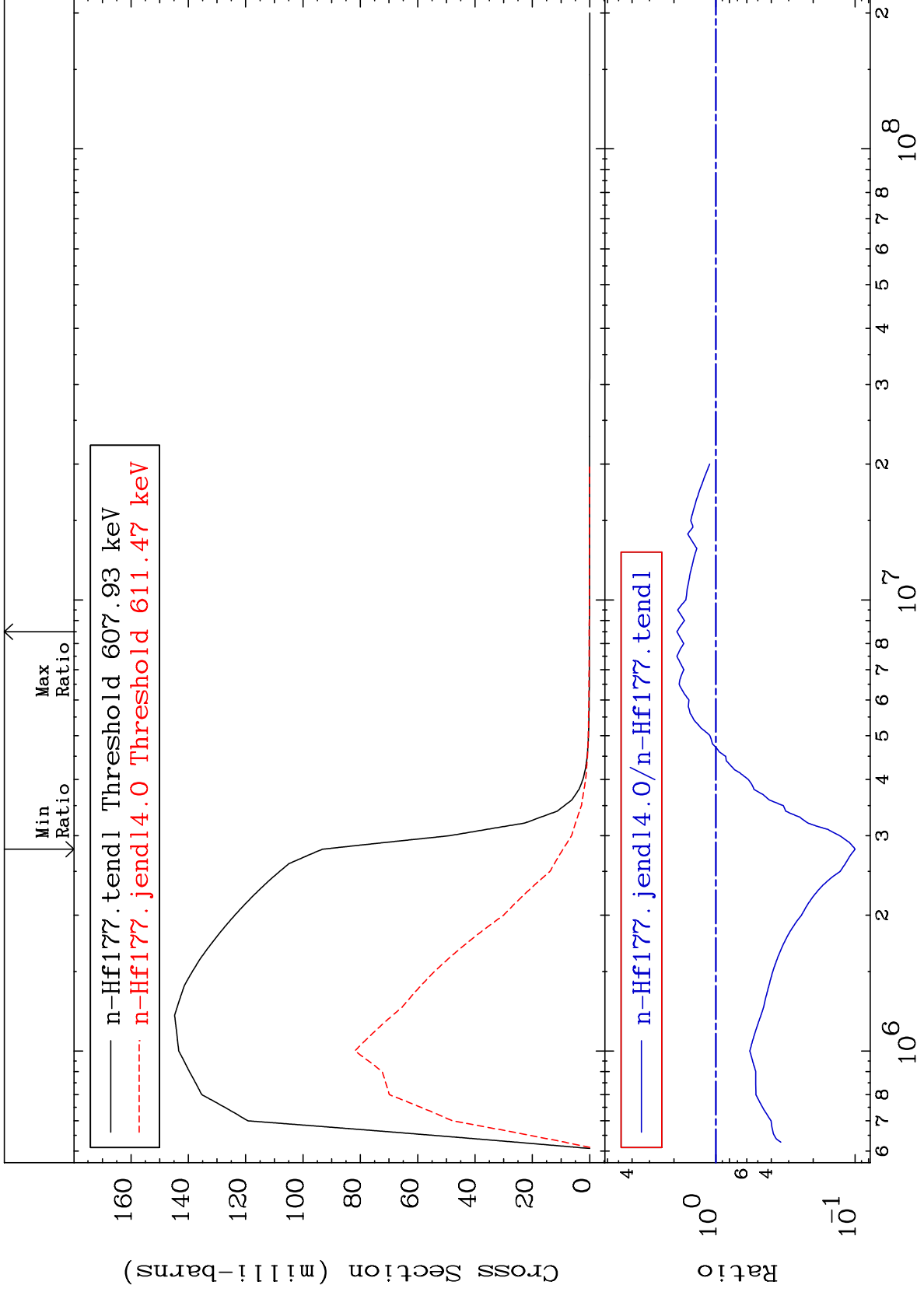
72-Hf-177
-71.02 To 3080. %



MAT 7234

MT= 64 (n,n') Level
Cross Section

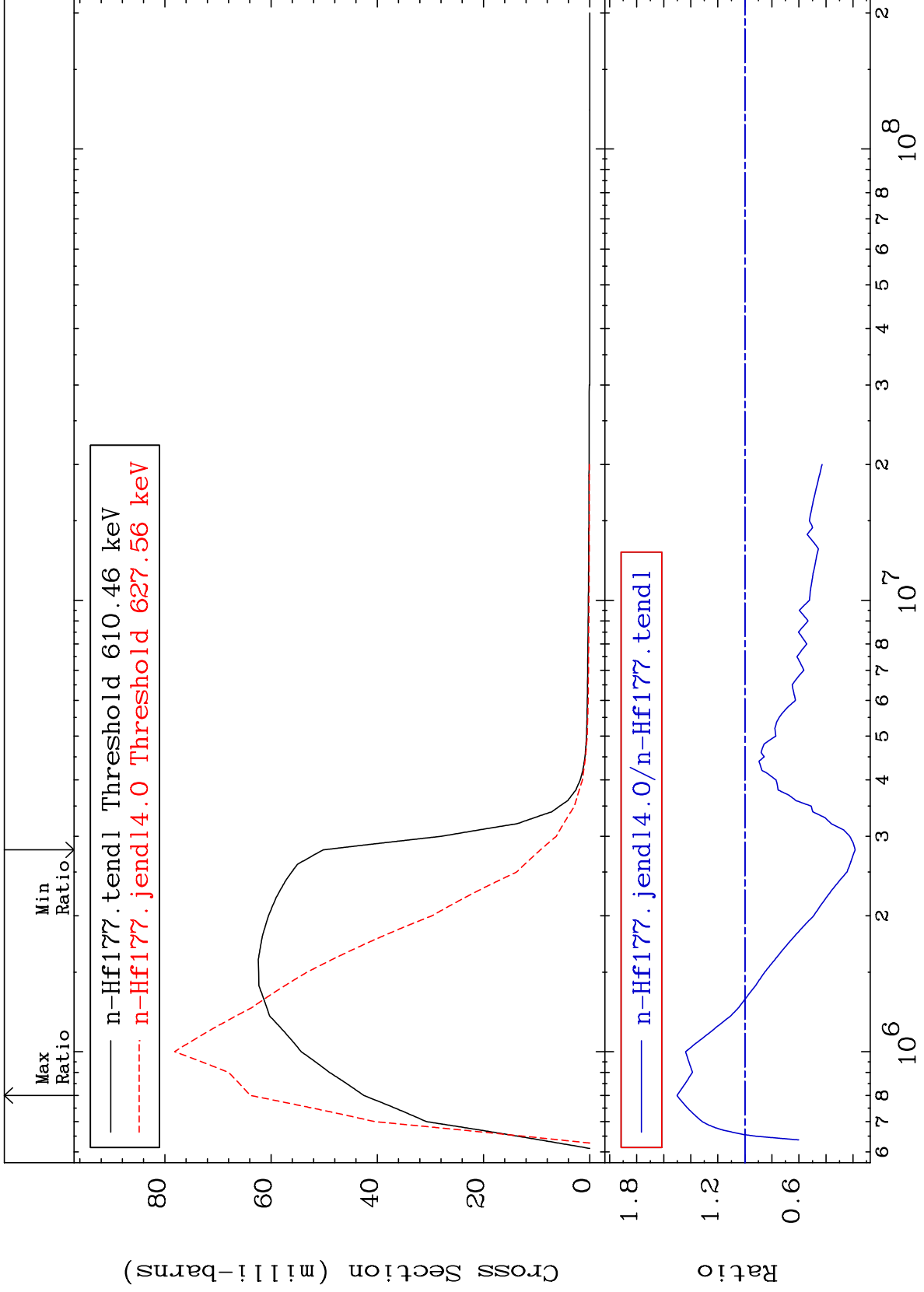
72-Hf-177
-89.99 To 90.74 %



MAT 7234

MT= 65 (n,n') Level
Cross Section

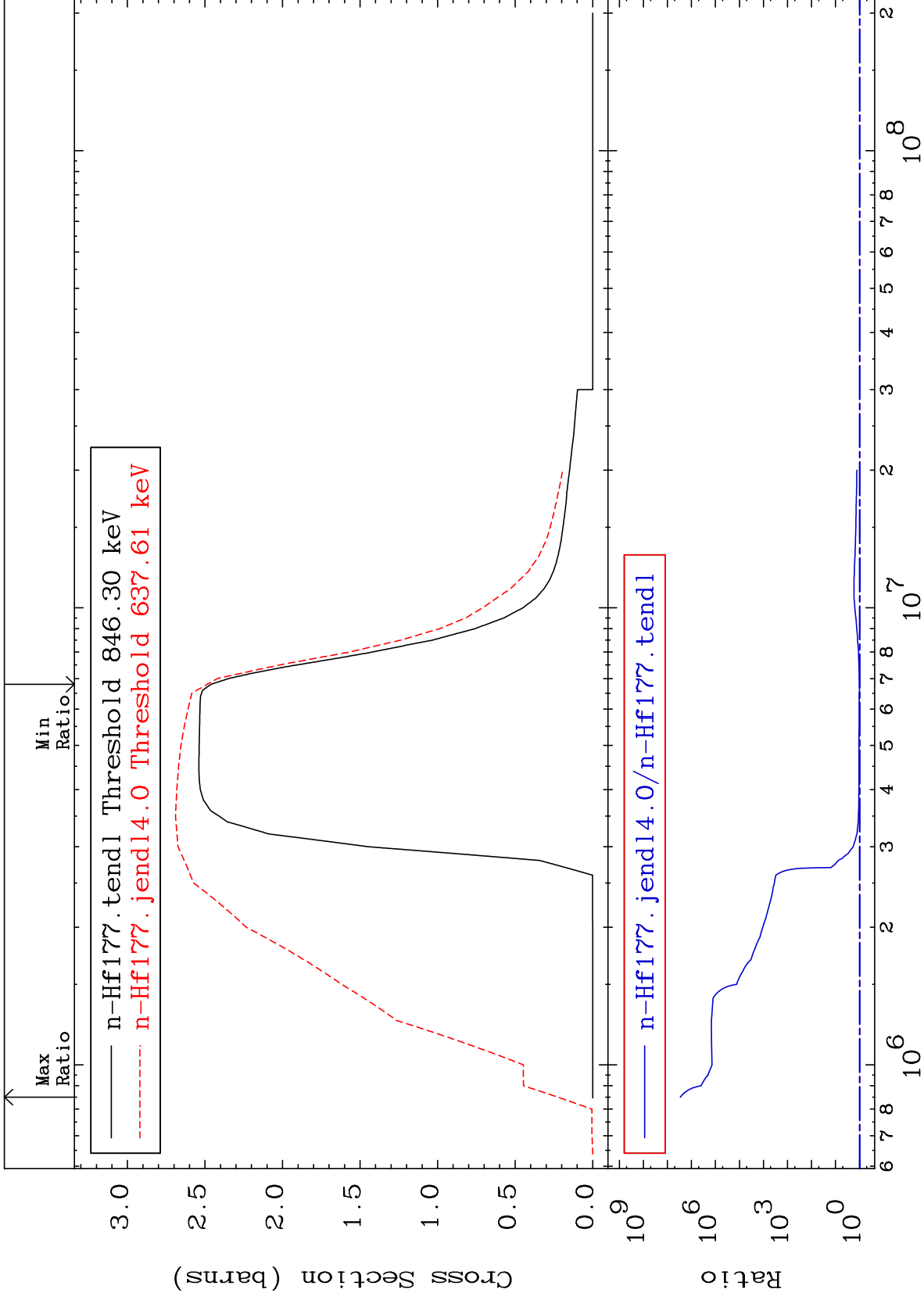
72-Hf-177
-81.51 To 50.26 %



MAT 7234

(n, n') Continuum
Cross Section

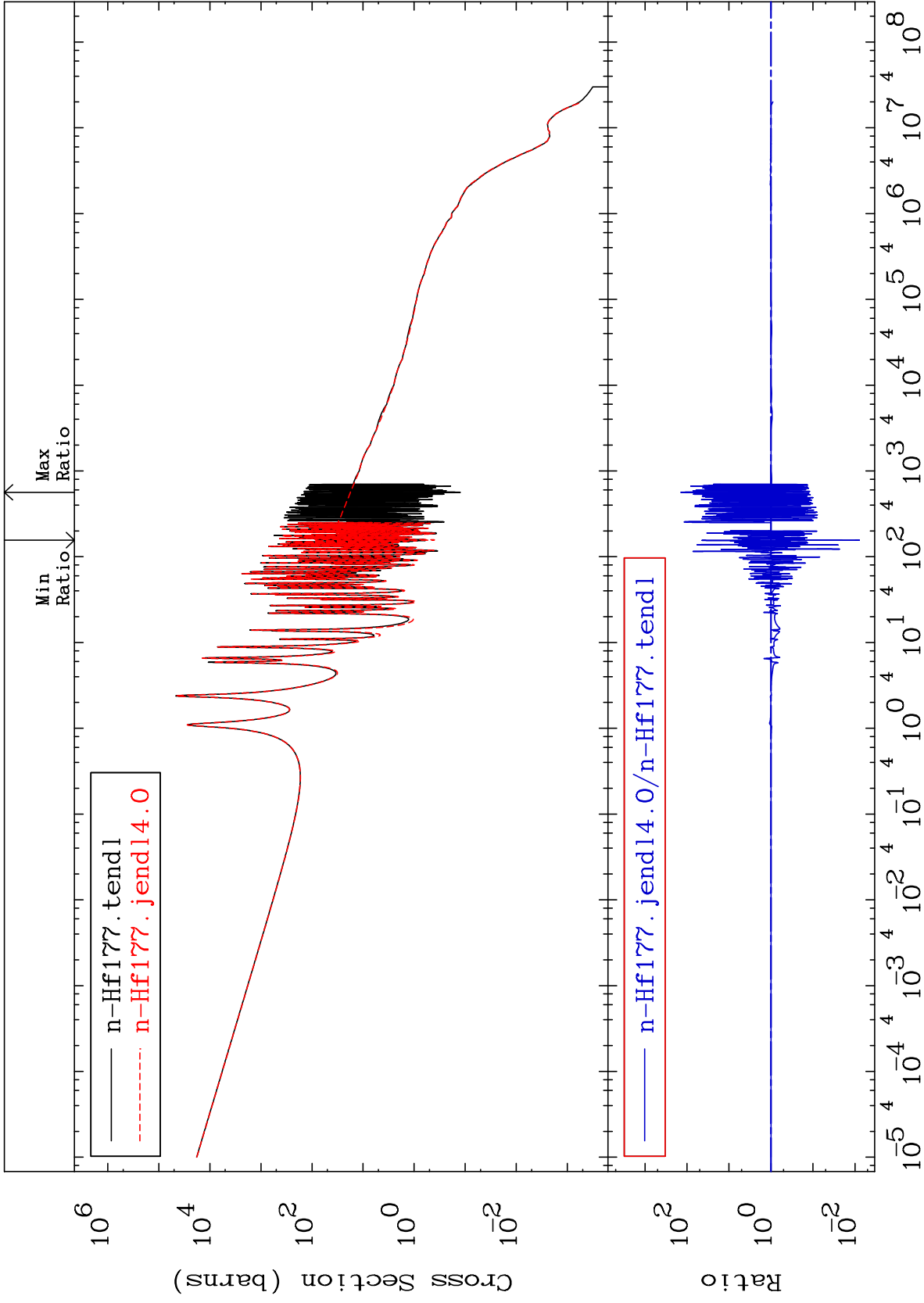
72-Hf-177
0.983 To 9999. %

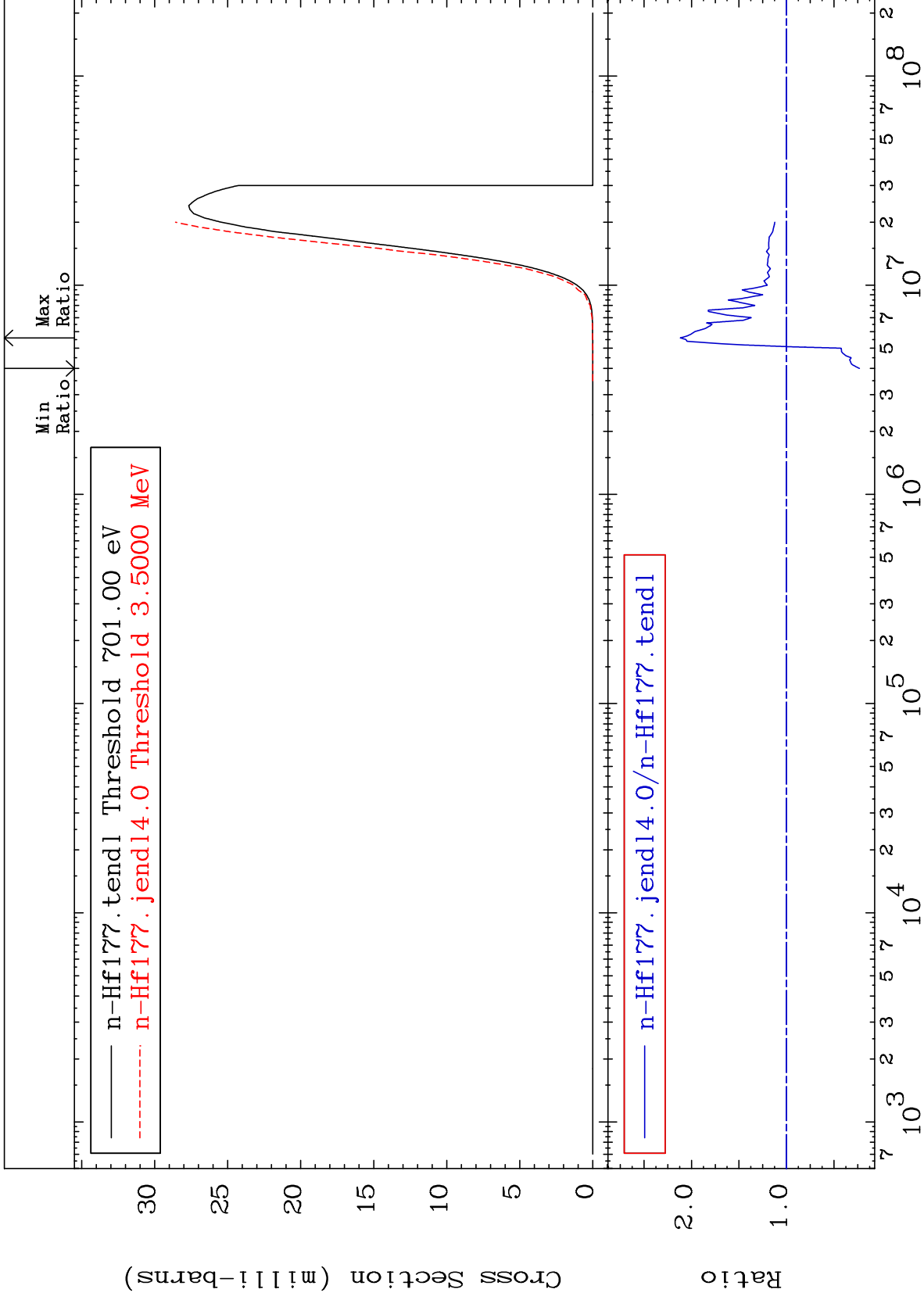


MAT 7234

(n, γ)
Cross Section

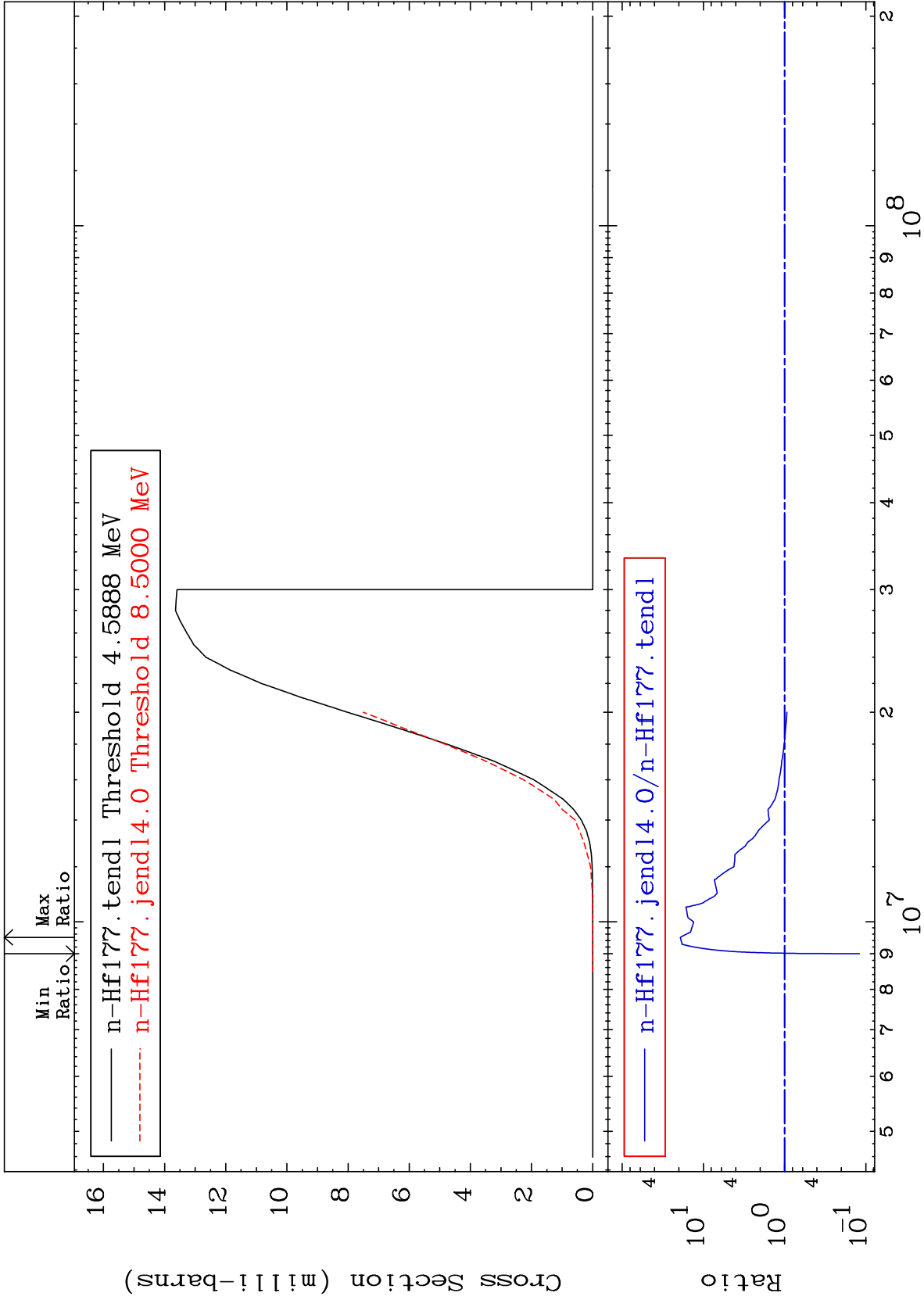
72-Hf-177
-99.22 To 9999. %

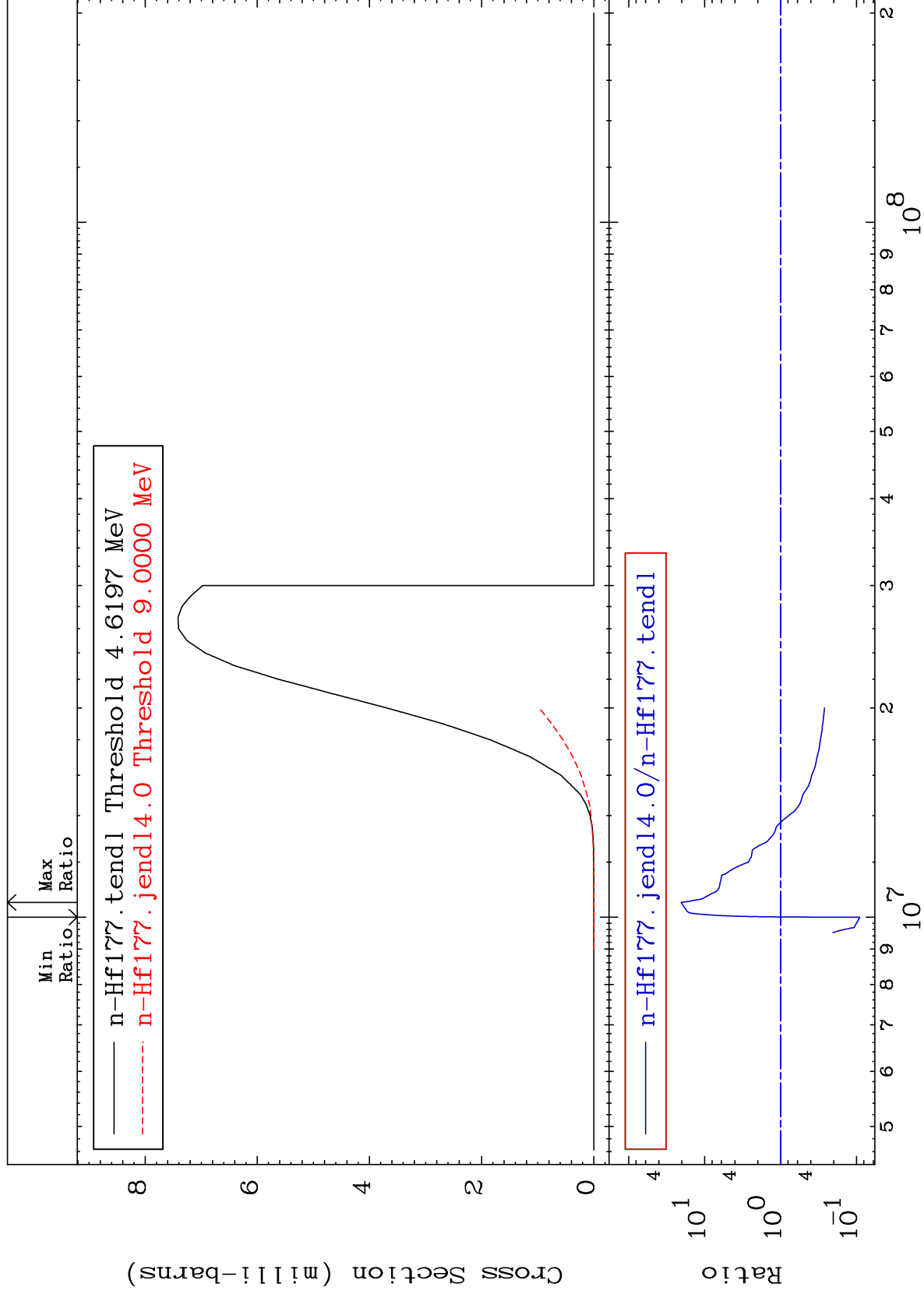




Cross Section

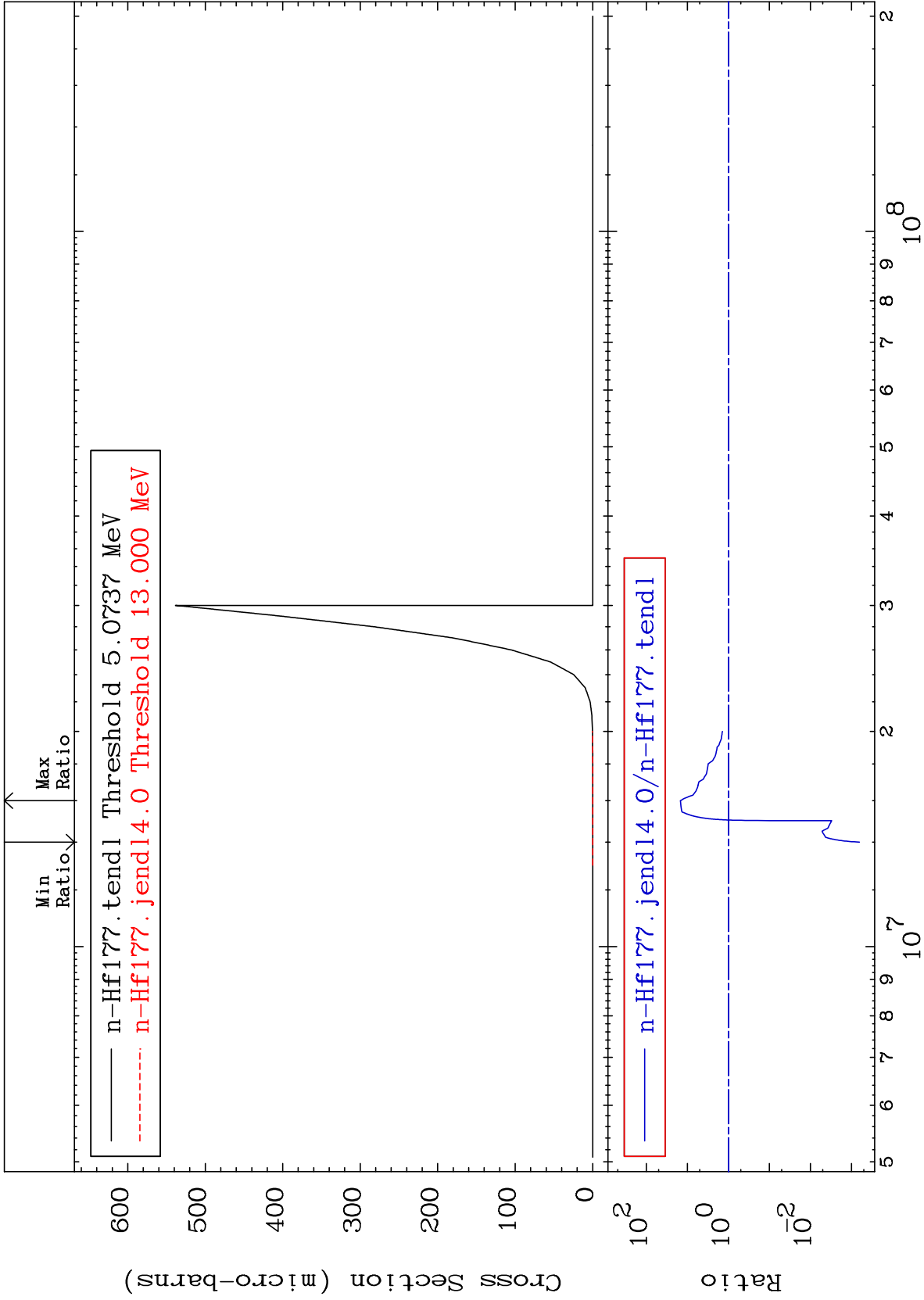
-88.01 To 1821. %





Cross Section

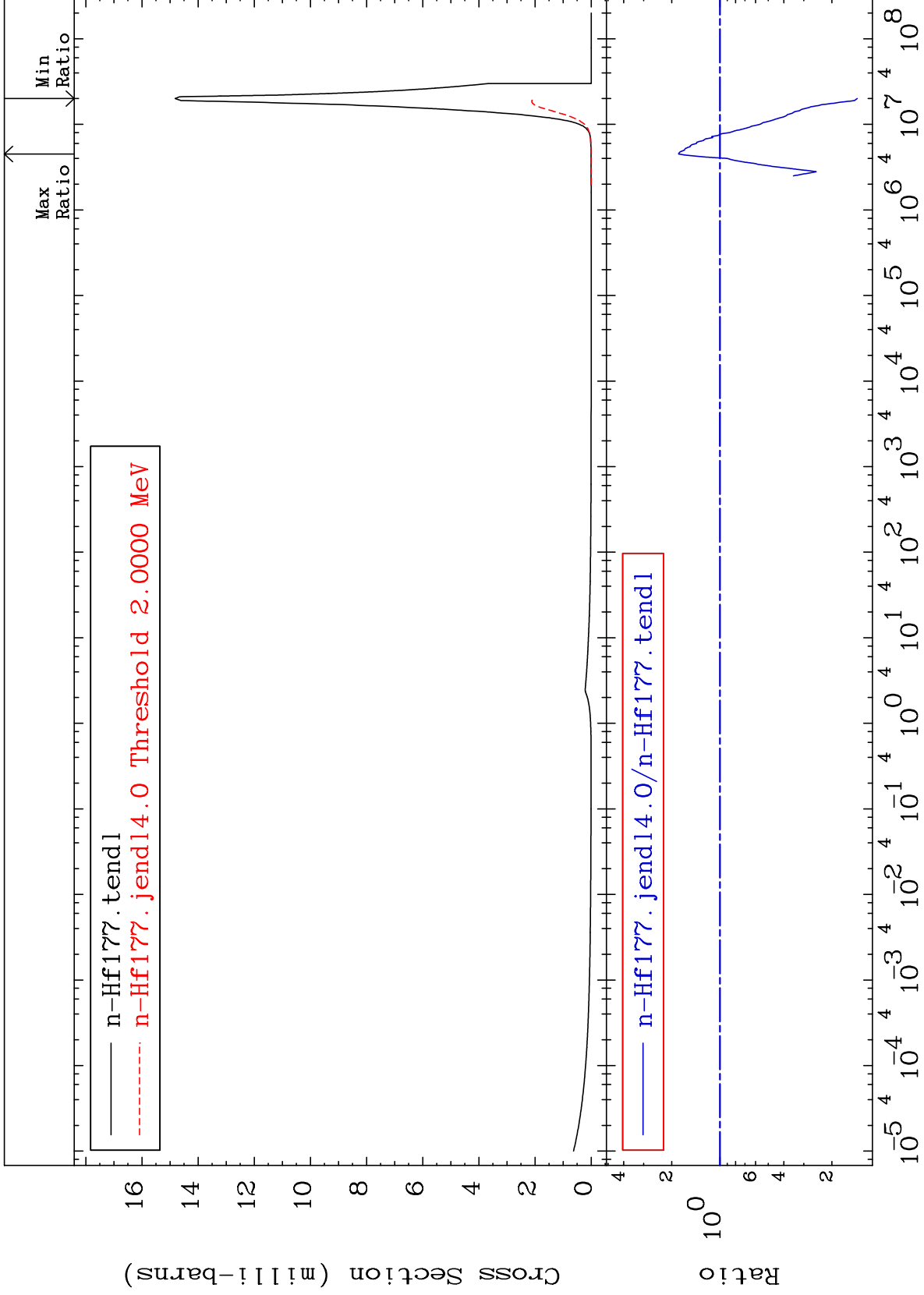
-99.94 To 1383. %



MAT 7234

(n, α)
Cross Section

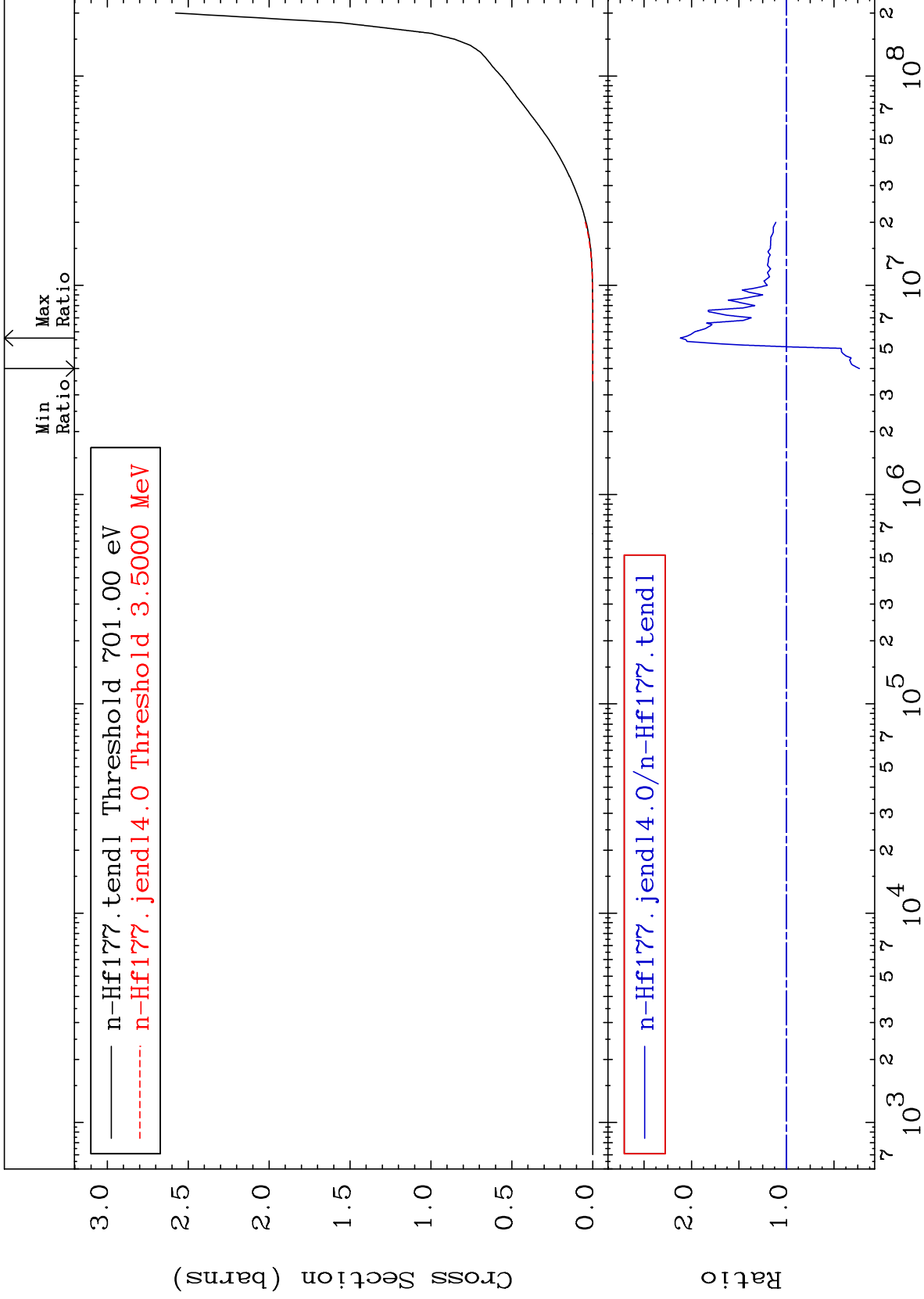
72-Hf-177
-86.10 To 81.34 %

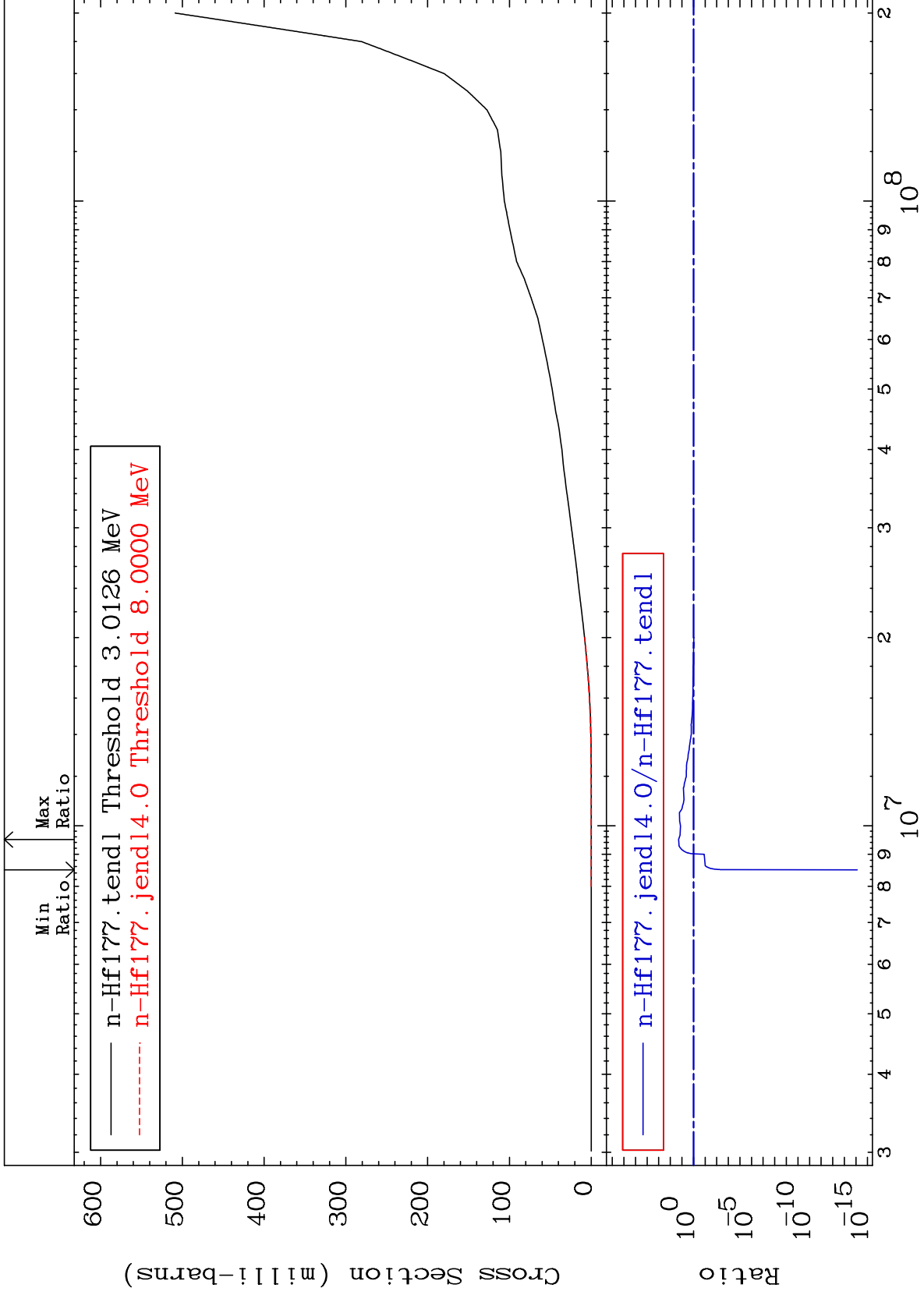


Incident Energy (eV)

72-Hf-177

30

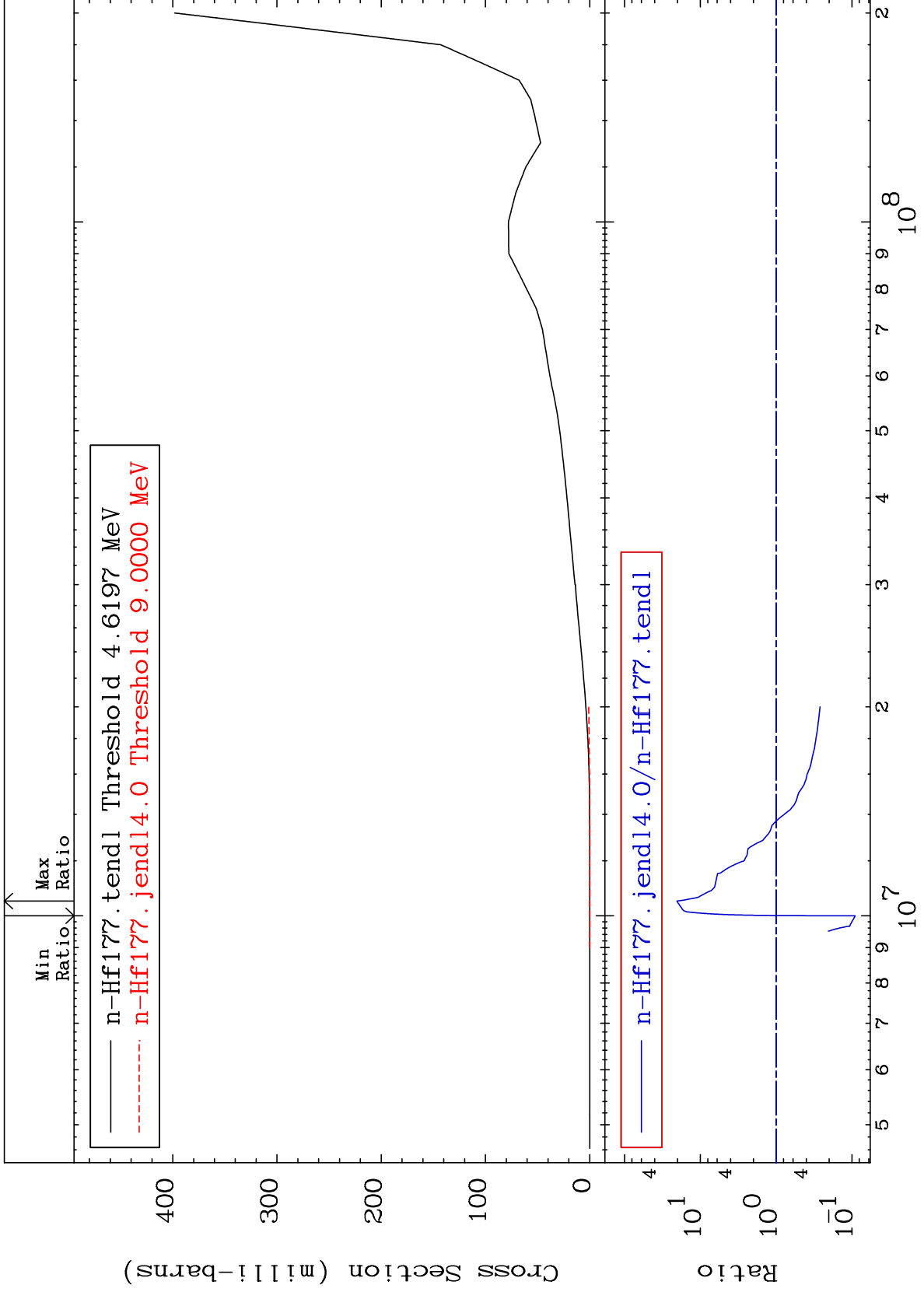




MAT 7234

Tritium Production
Cross Section

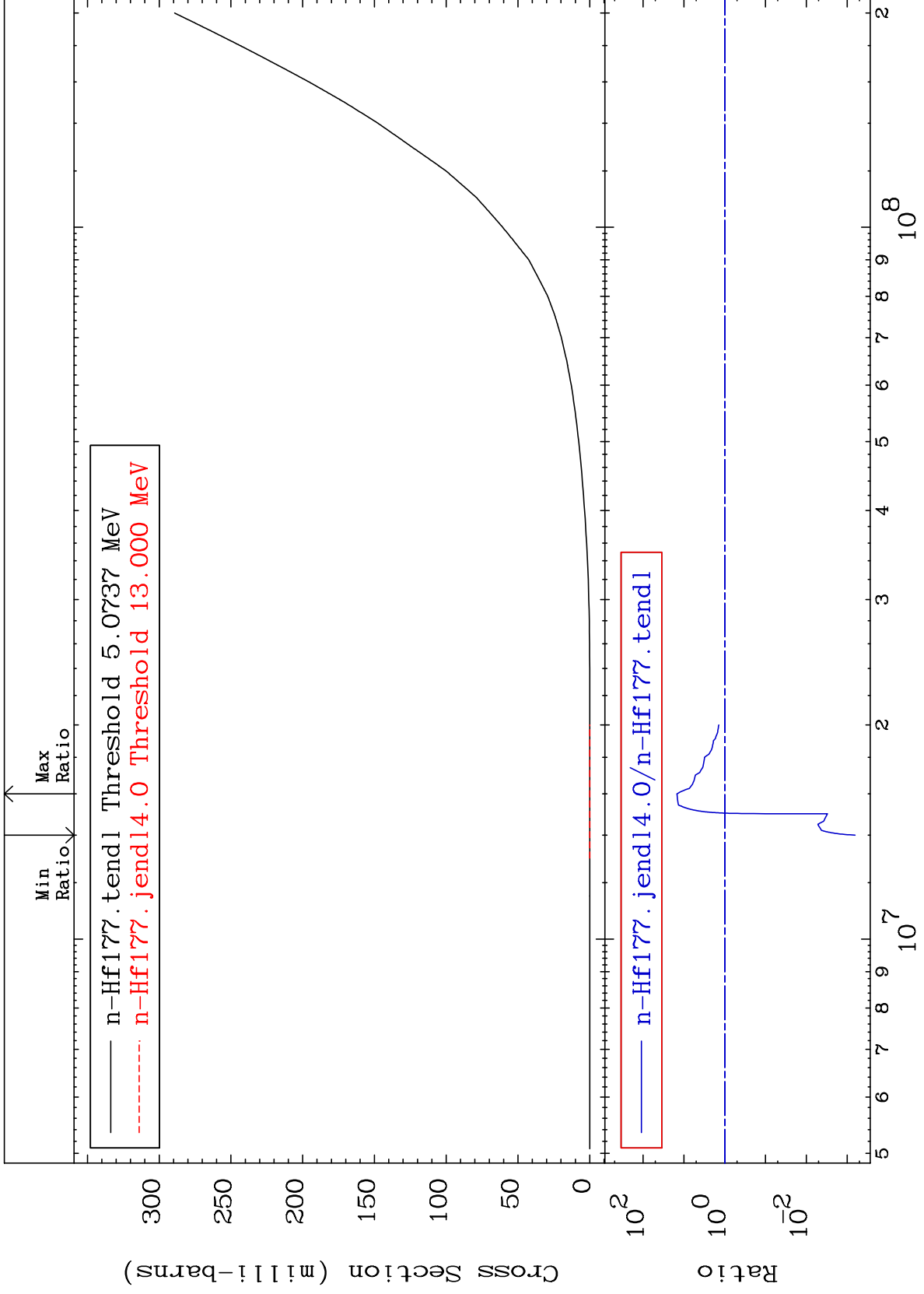
⁷²Hf-177
-90.92 To 1939. %



MAT 7234

He-3 Production
Cross Section

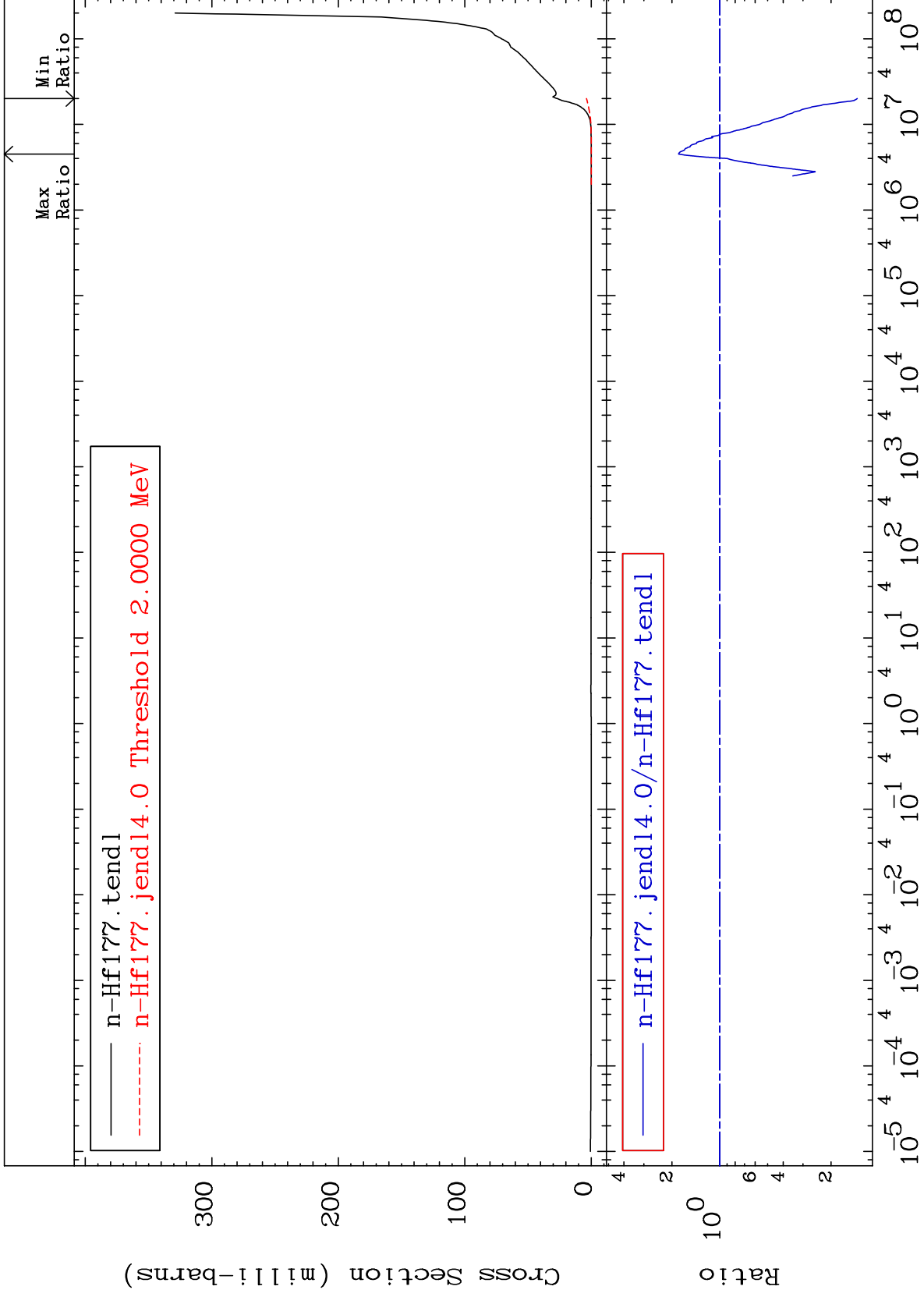
⁷²Hf-177
-99.94 To 1383. %

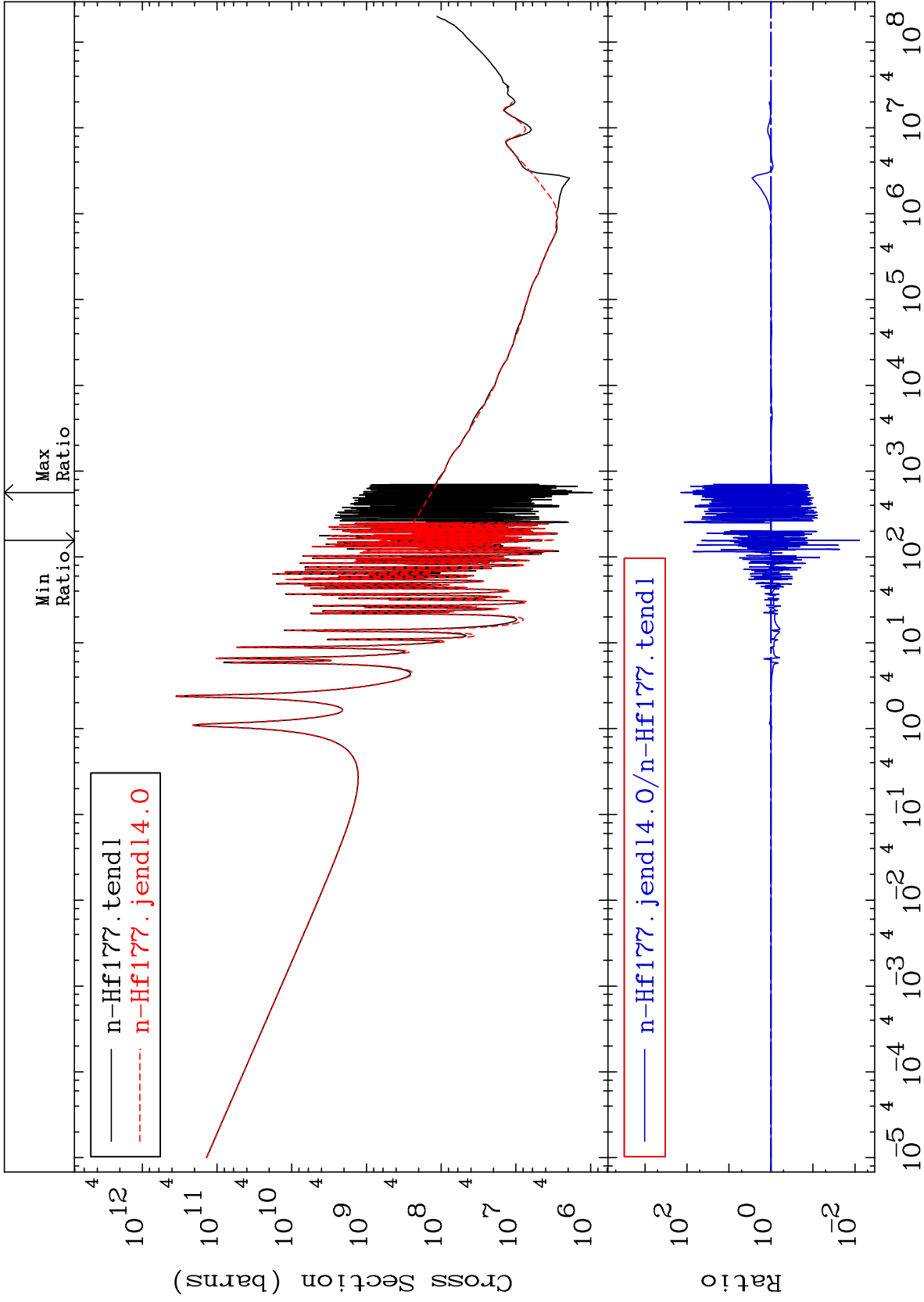


MAT 7234

He-4 Production
Cross Section

72-Hf-177
-86.31 To 81.34 %

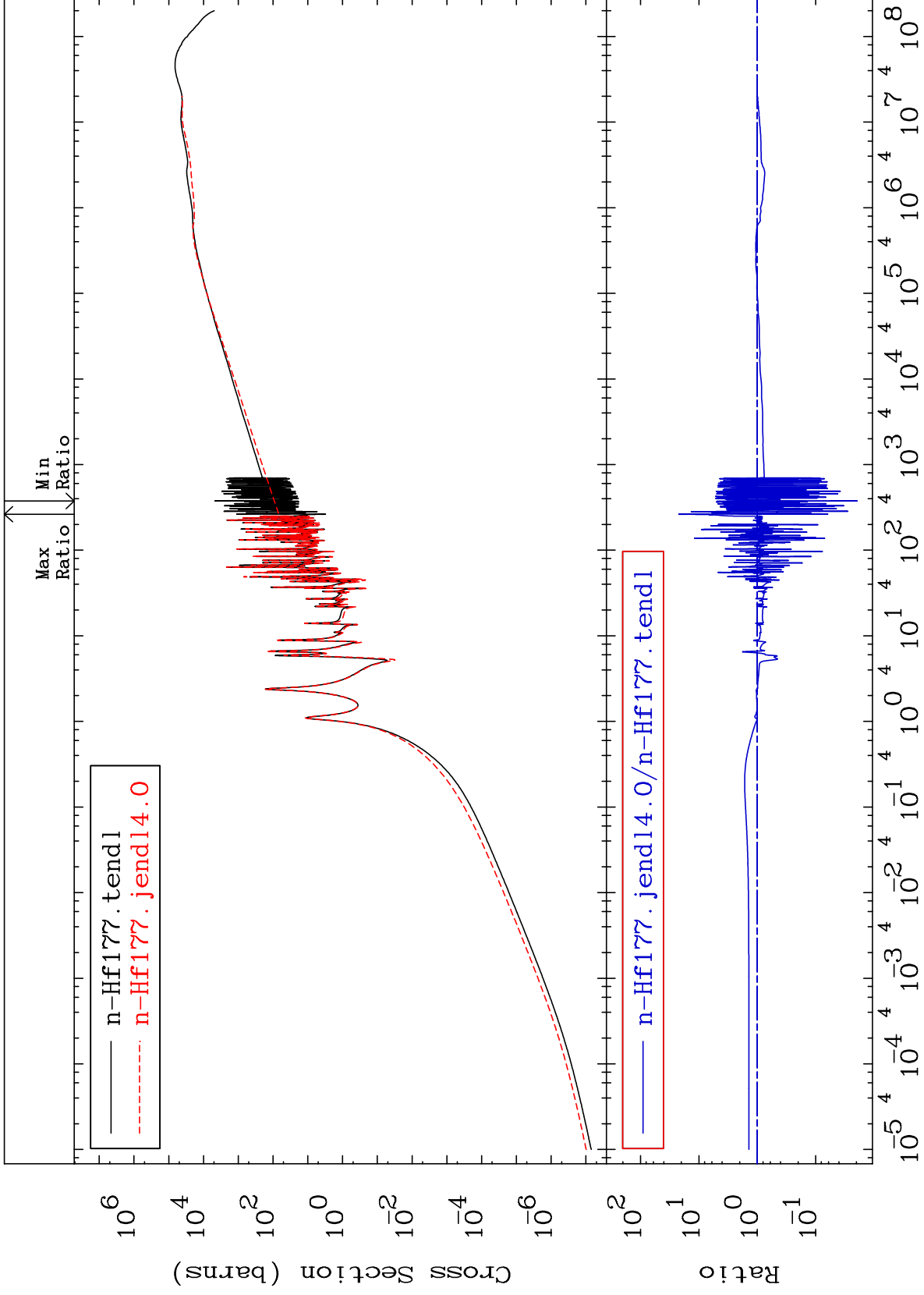


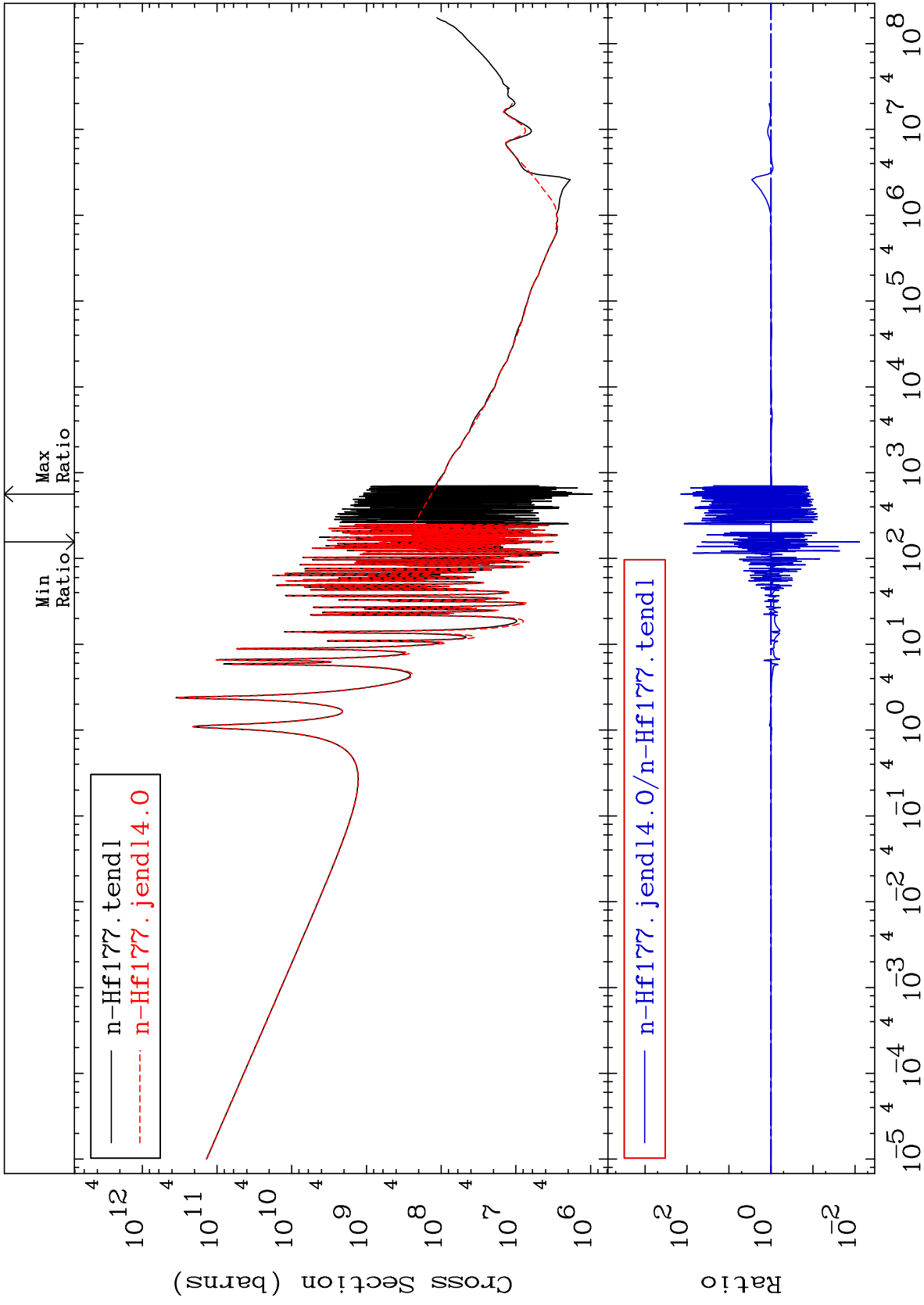


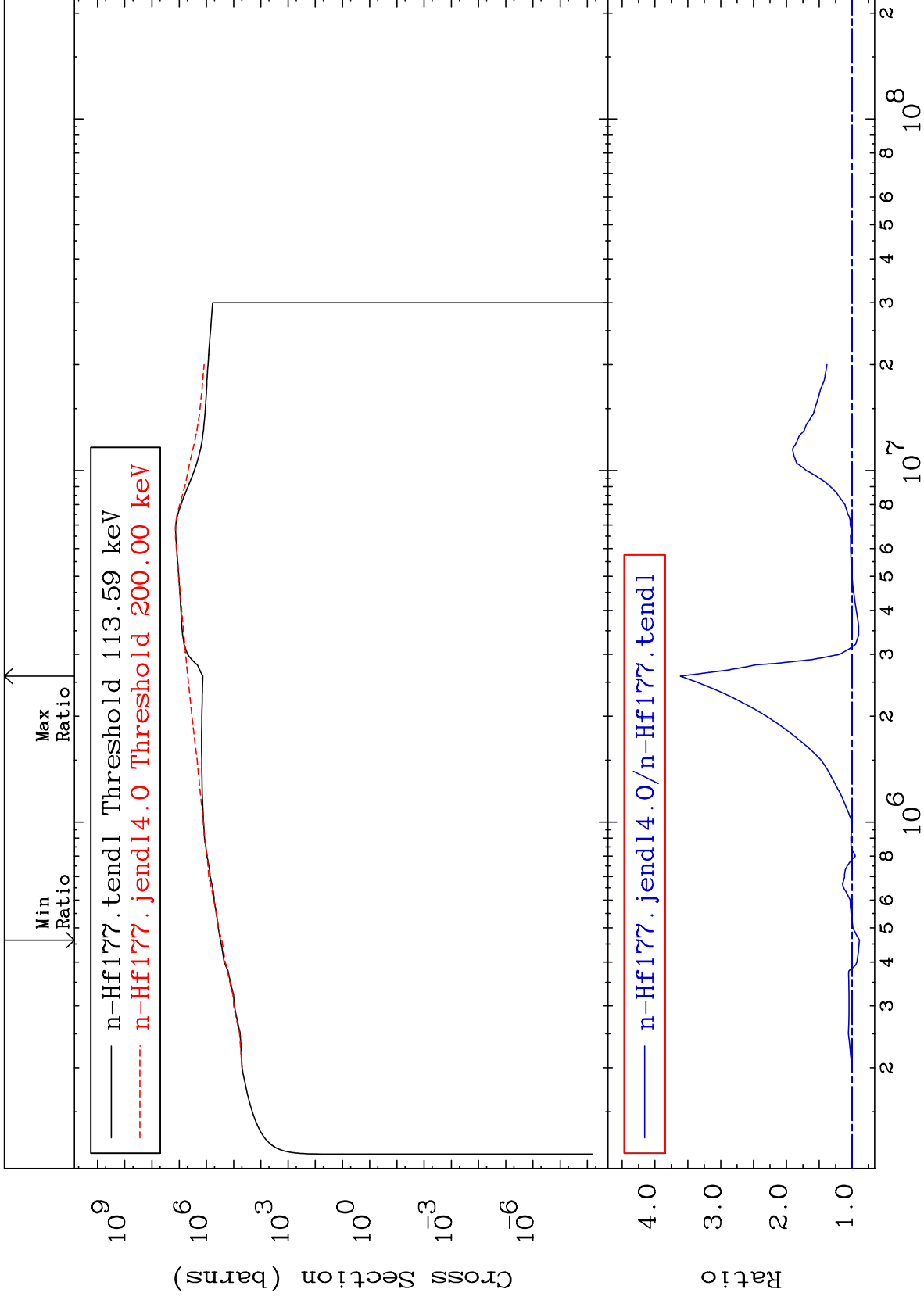
MAT 7234

Kerma elastic
Cross Section

72-Hf-177
-98.06 To 2124. %



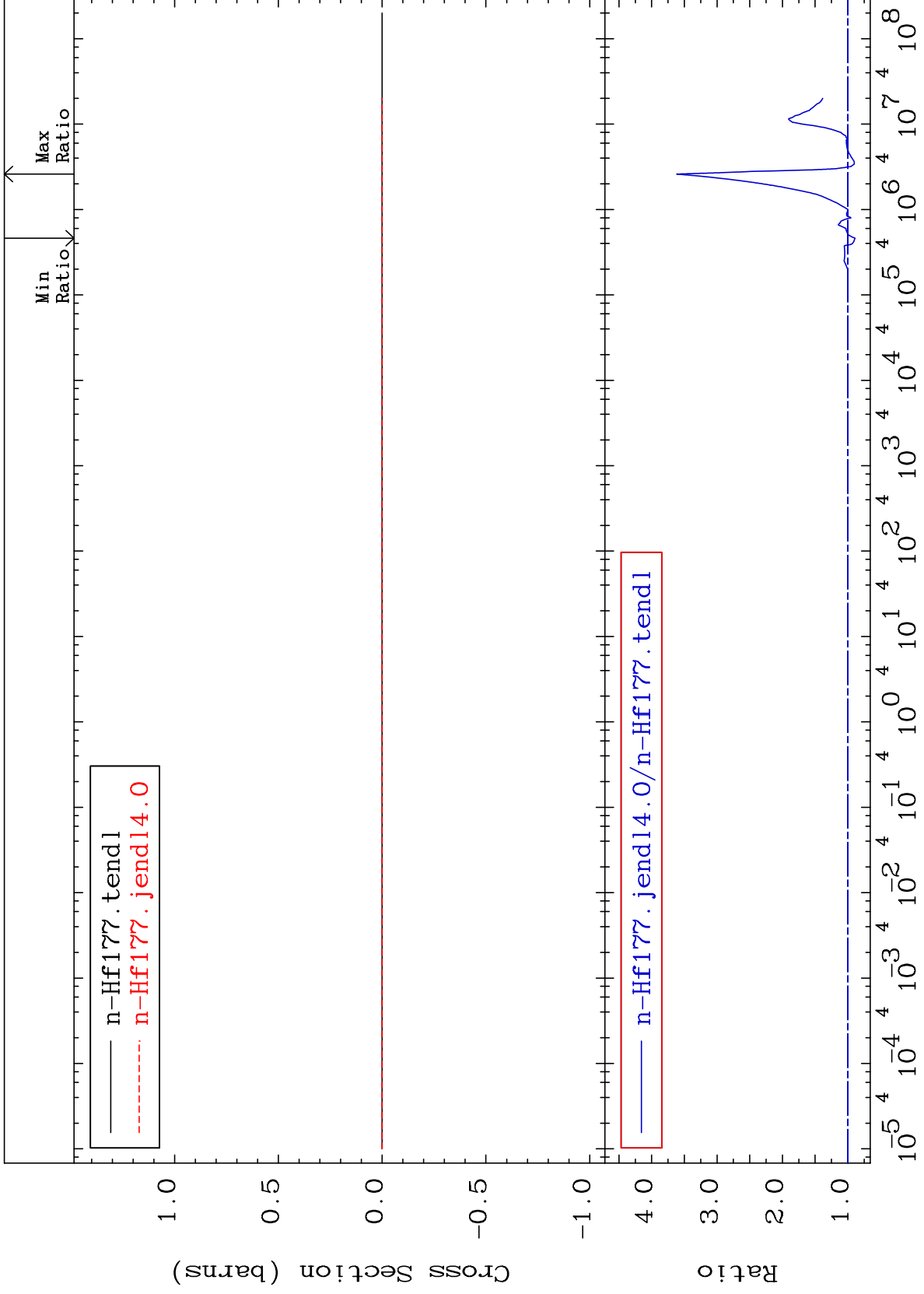




MAT 7234

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

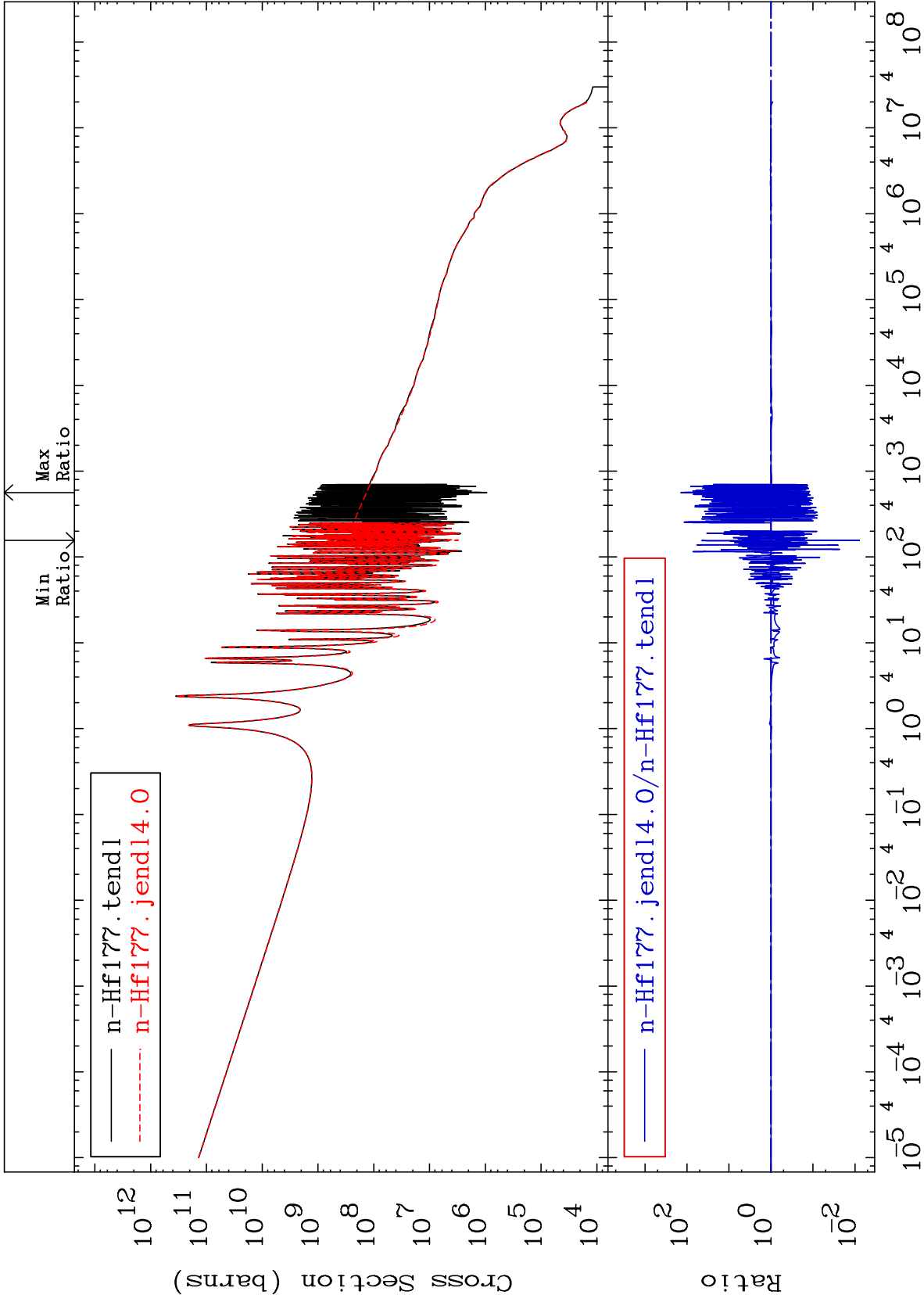
72-Hf-177
-11.11 To 261.4 %

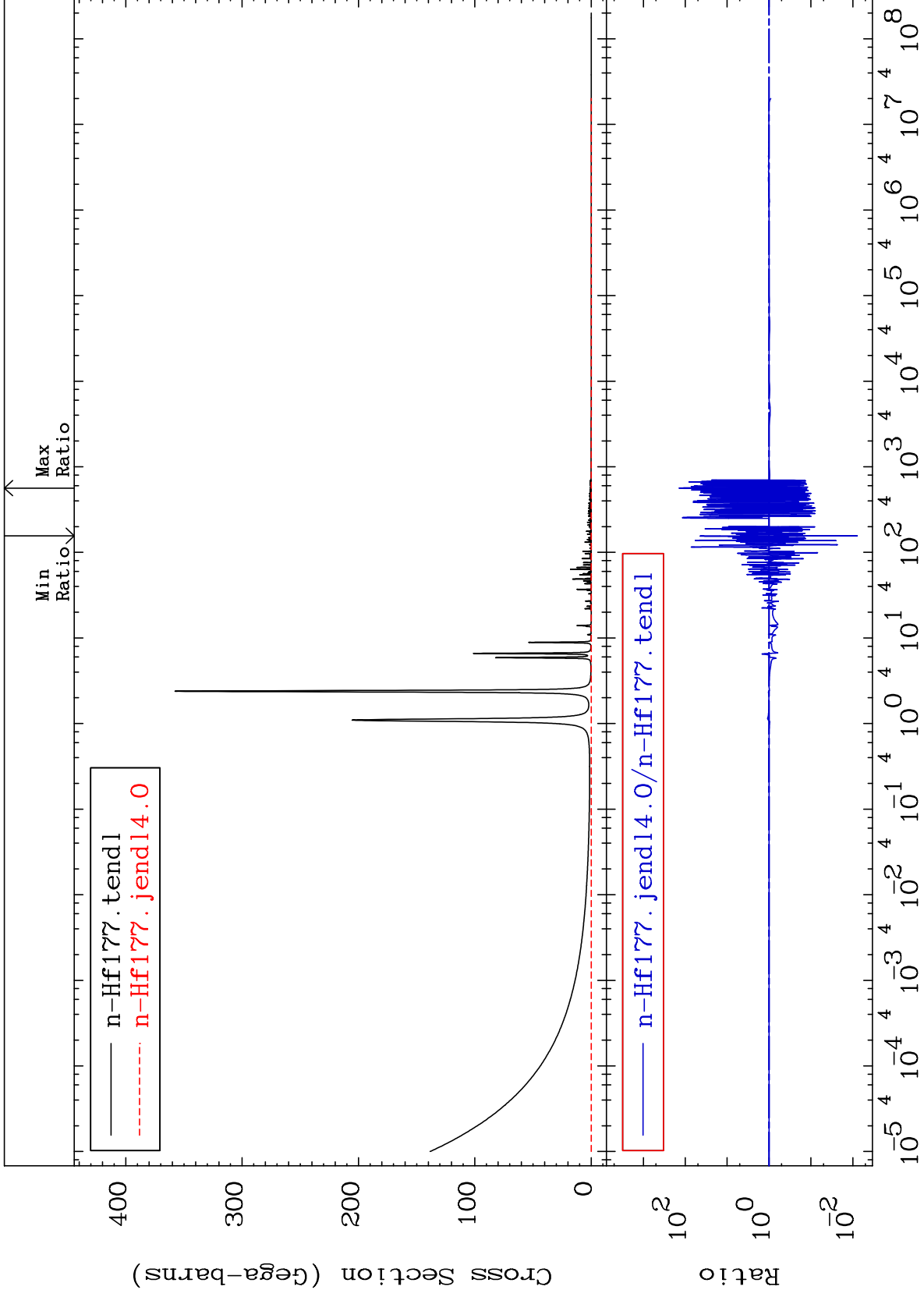


Incident Energy (eV)

40

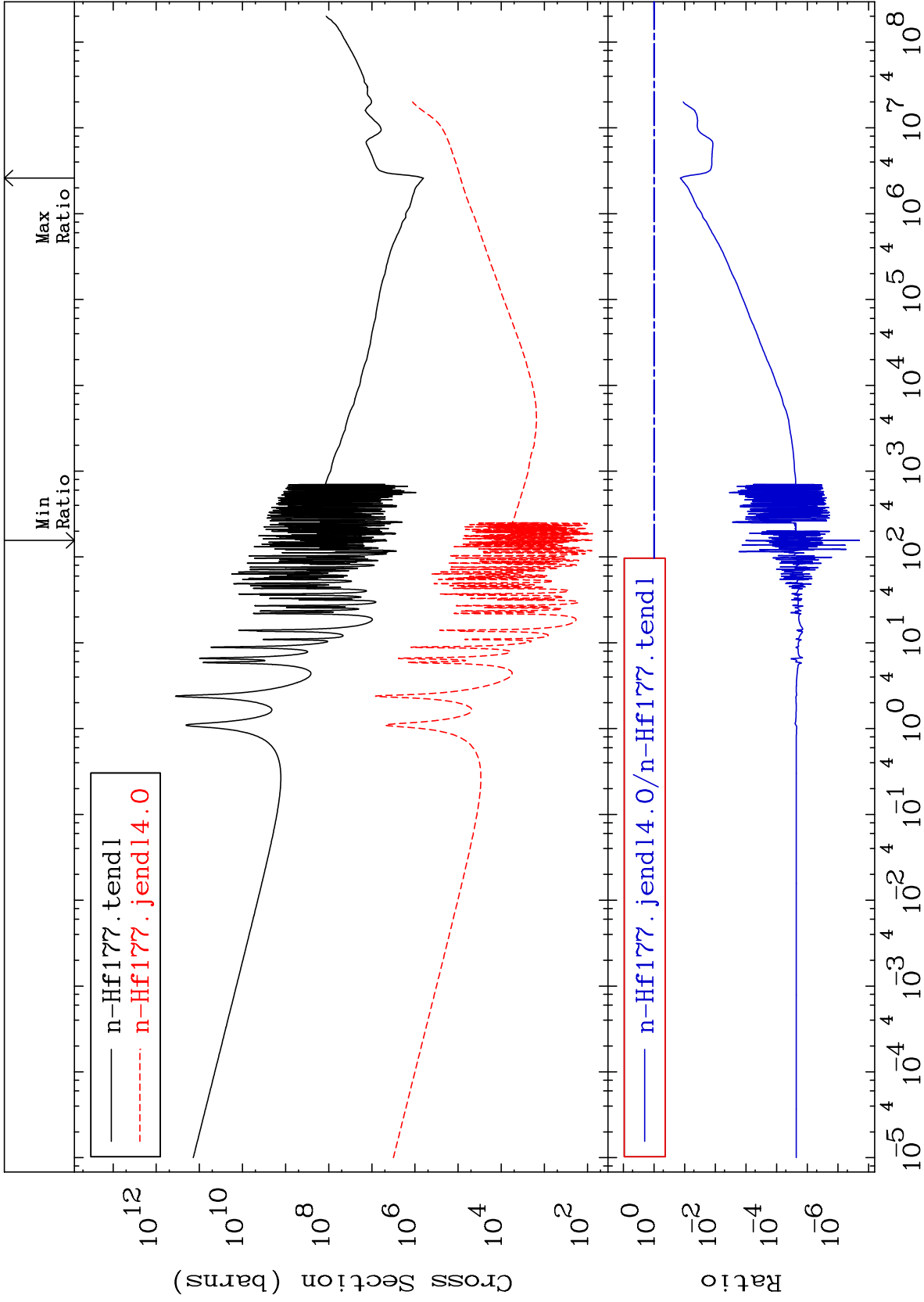
72-Hf-177



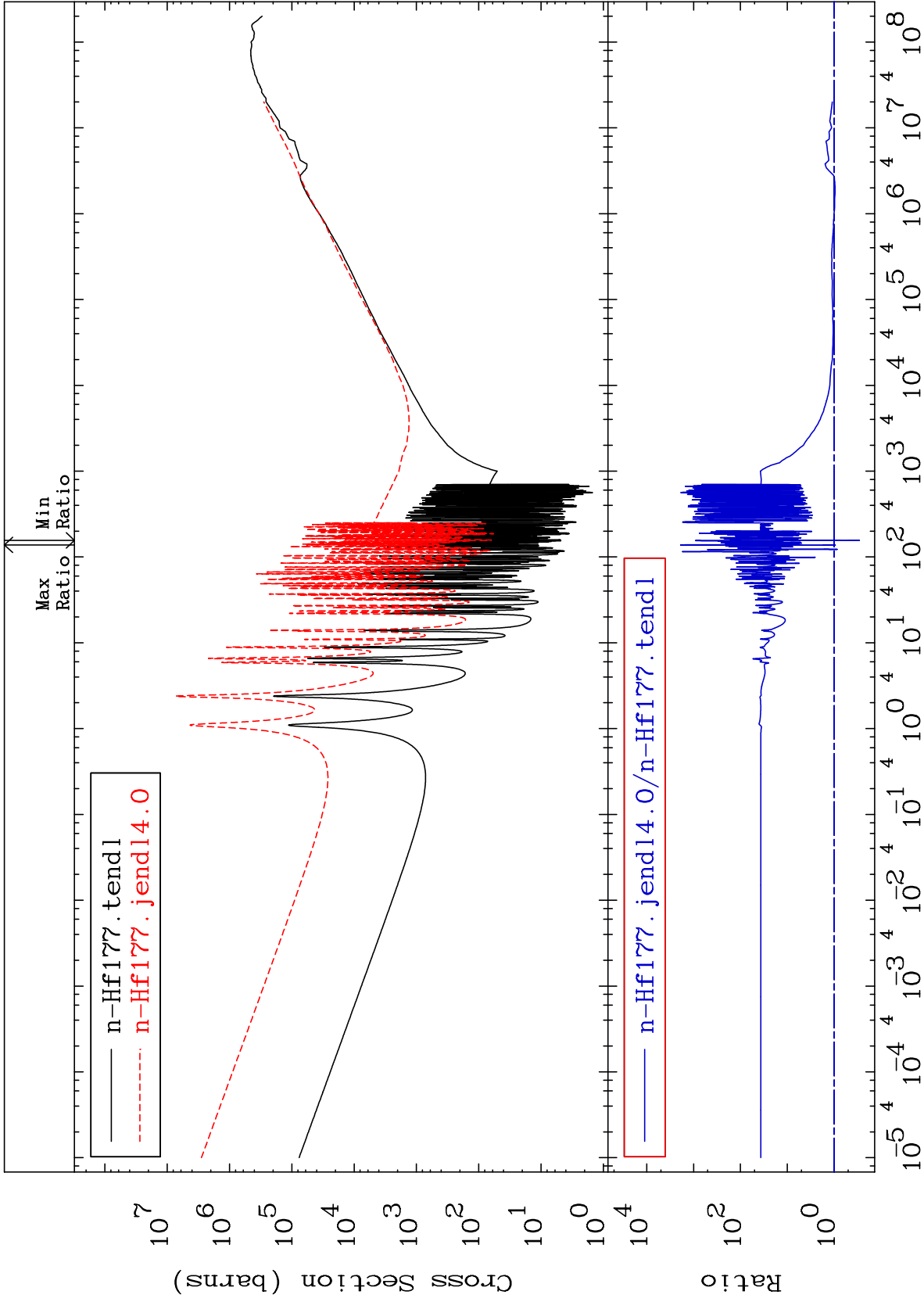


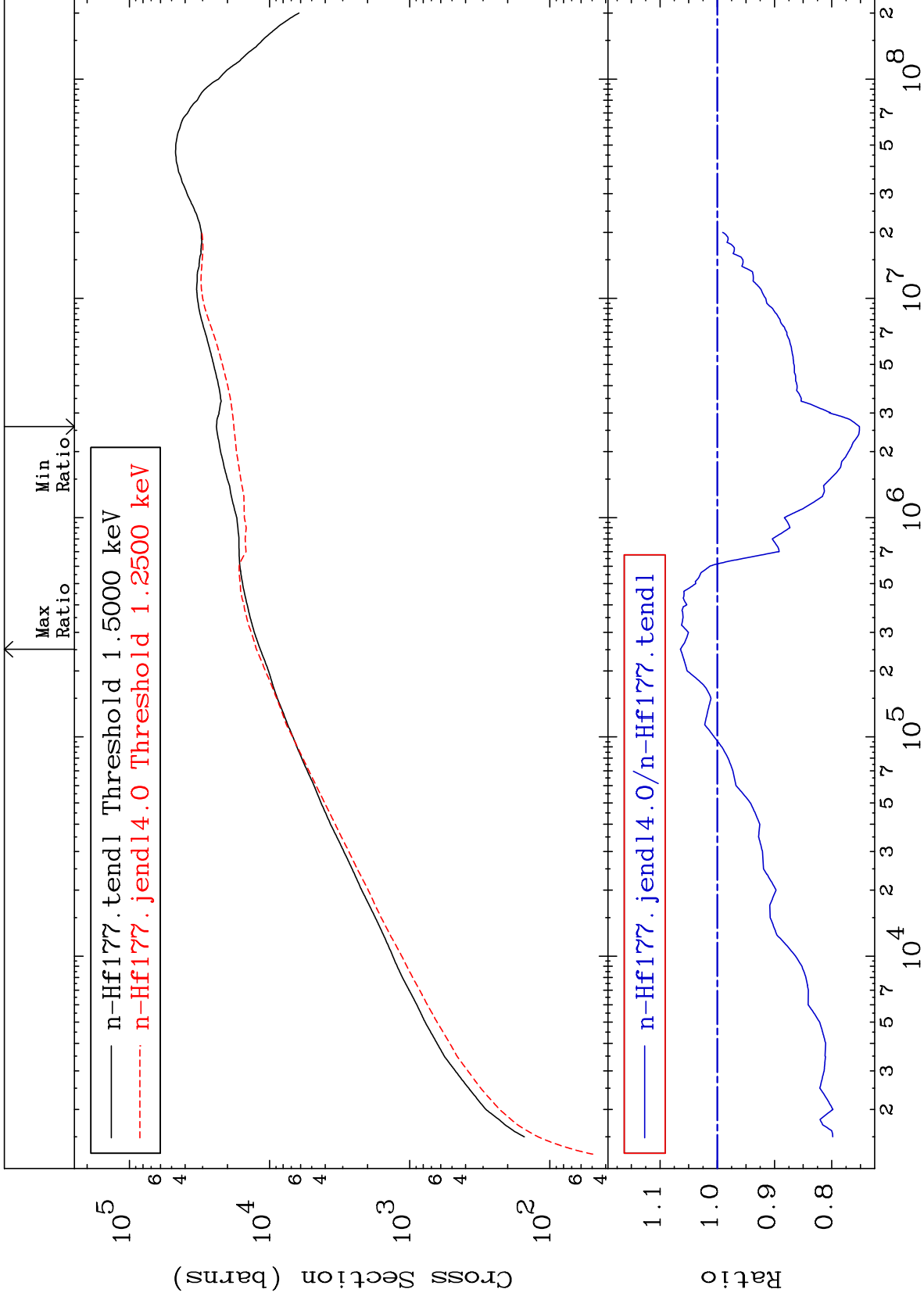
Cross Section

-100.0 To -86.13%



Incident Energy (eV)





MAT 7234

Dpa inelastic (mt51-91)
Cross Section

72-Hf-177
0.840 To 395.7 %

