

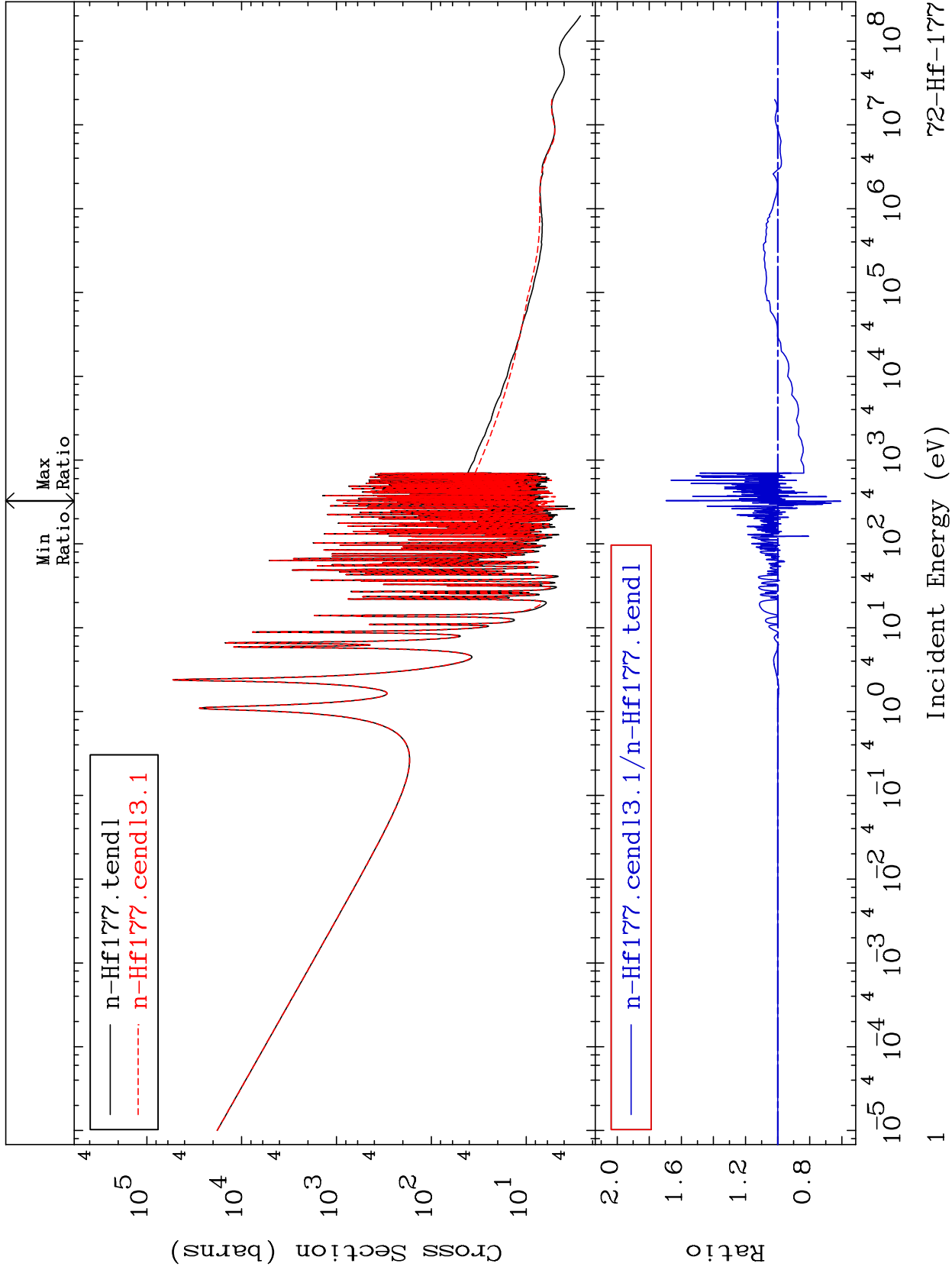
MAT 7234

Total

72-Hf-177

Cross Section

-39.39 To 69.59 %



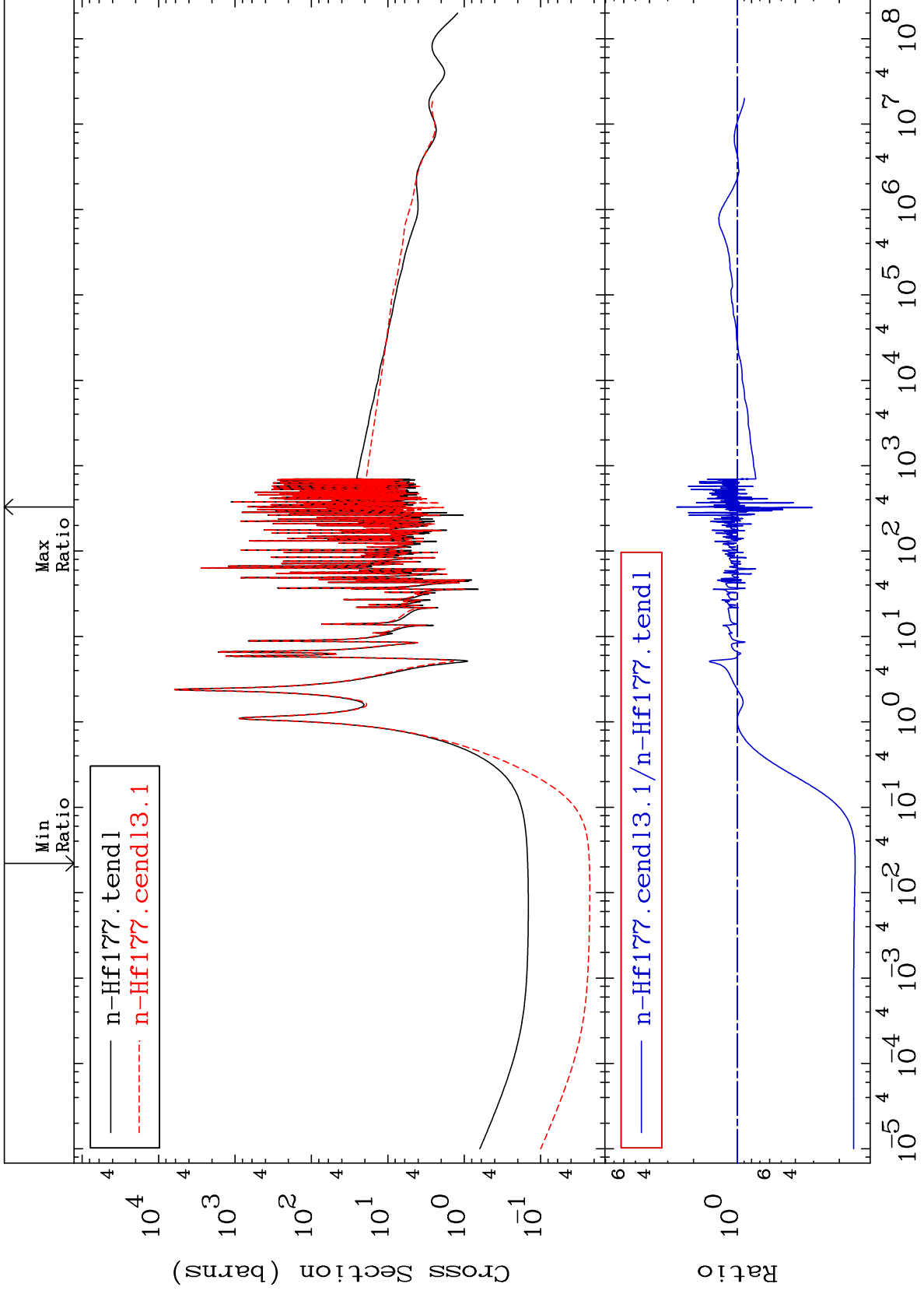
Incident Energy (eV)

72-Hf-177

MAT 7234

Elastic
Cross Section

72-Hf-177
-84.41 To 159.5 %



2

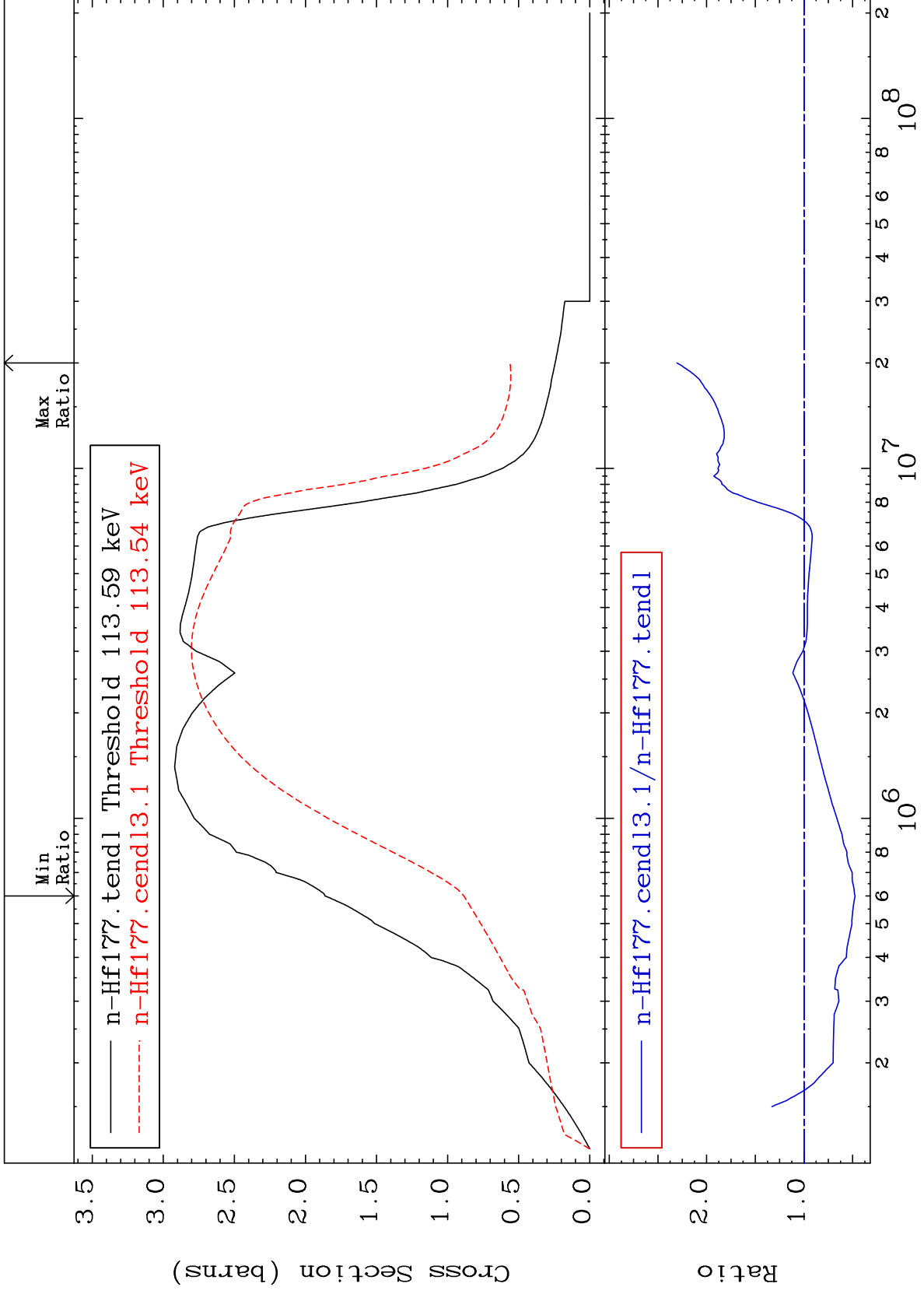
Incident Energy (eV)

72-Hf-177

MAT 7234

Inelastic
Cross Section

72-Hf-177
-52.46 To 130.5 %



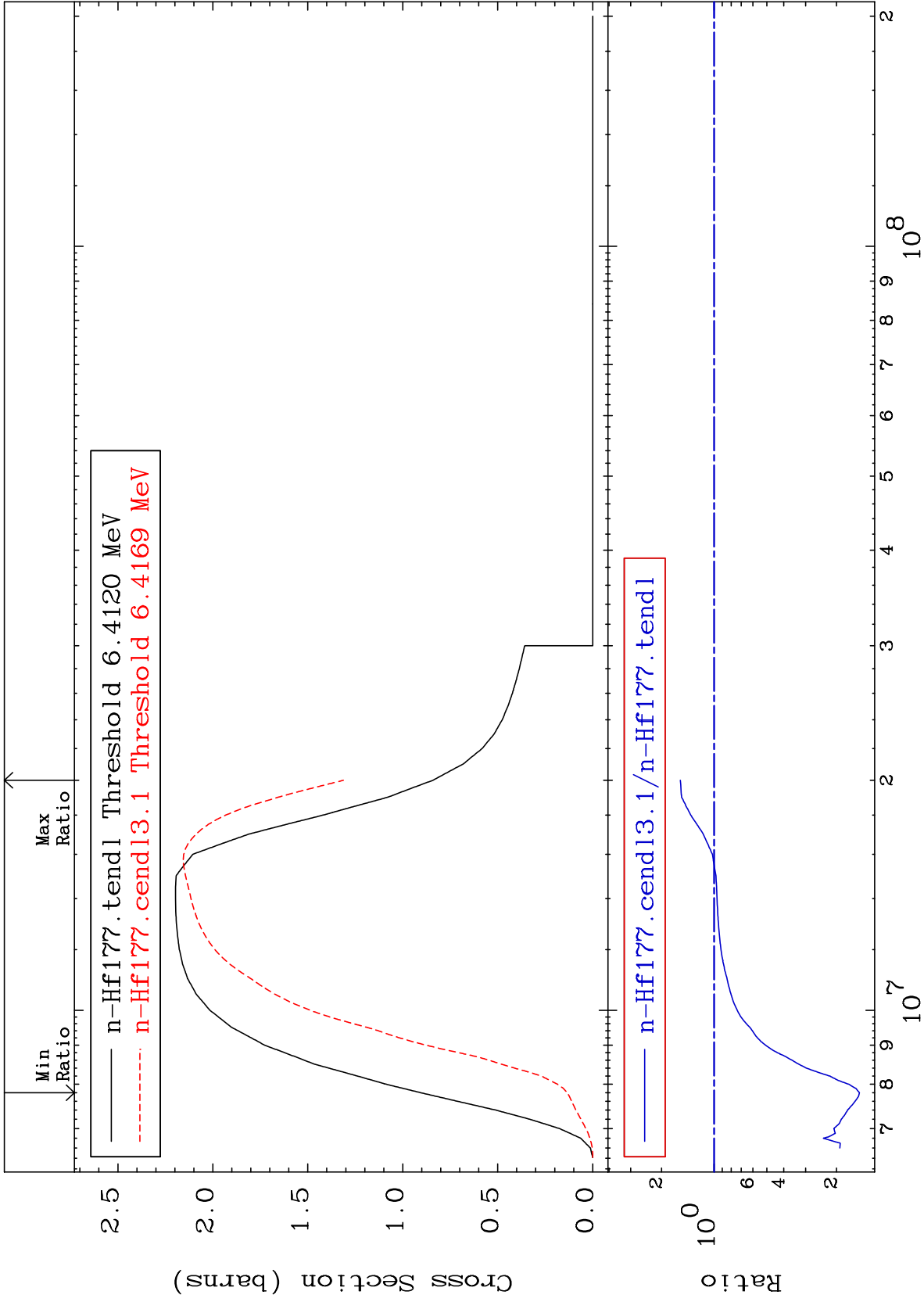
MAT 7234

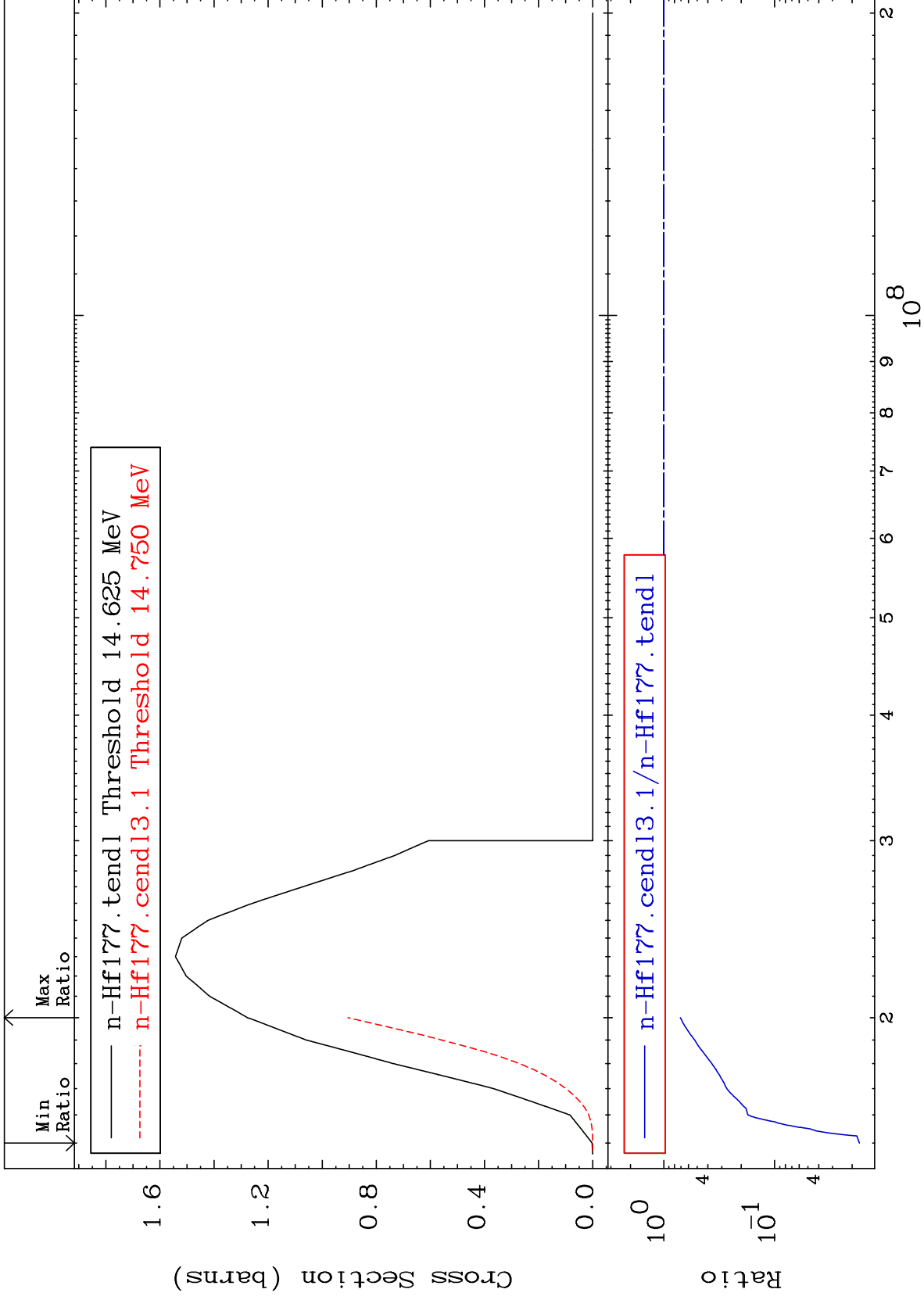
(n,2n)

72-Hf-177

Cross Section

-85.23 To 56.09 %

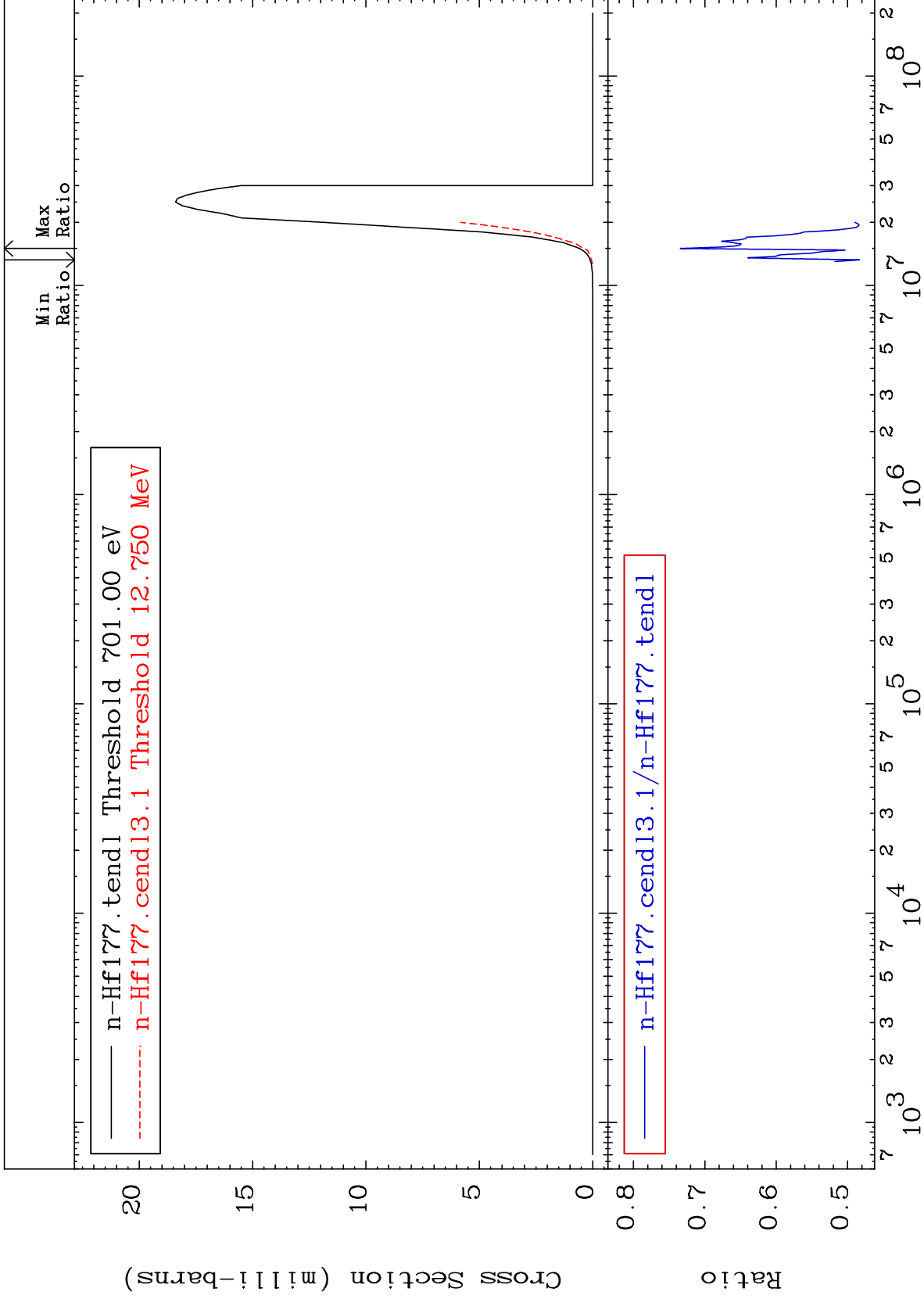




MAT 7234

(n, n') α
Cross Section

72-Hf-177
-51.65 To -26.57%



6

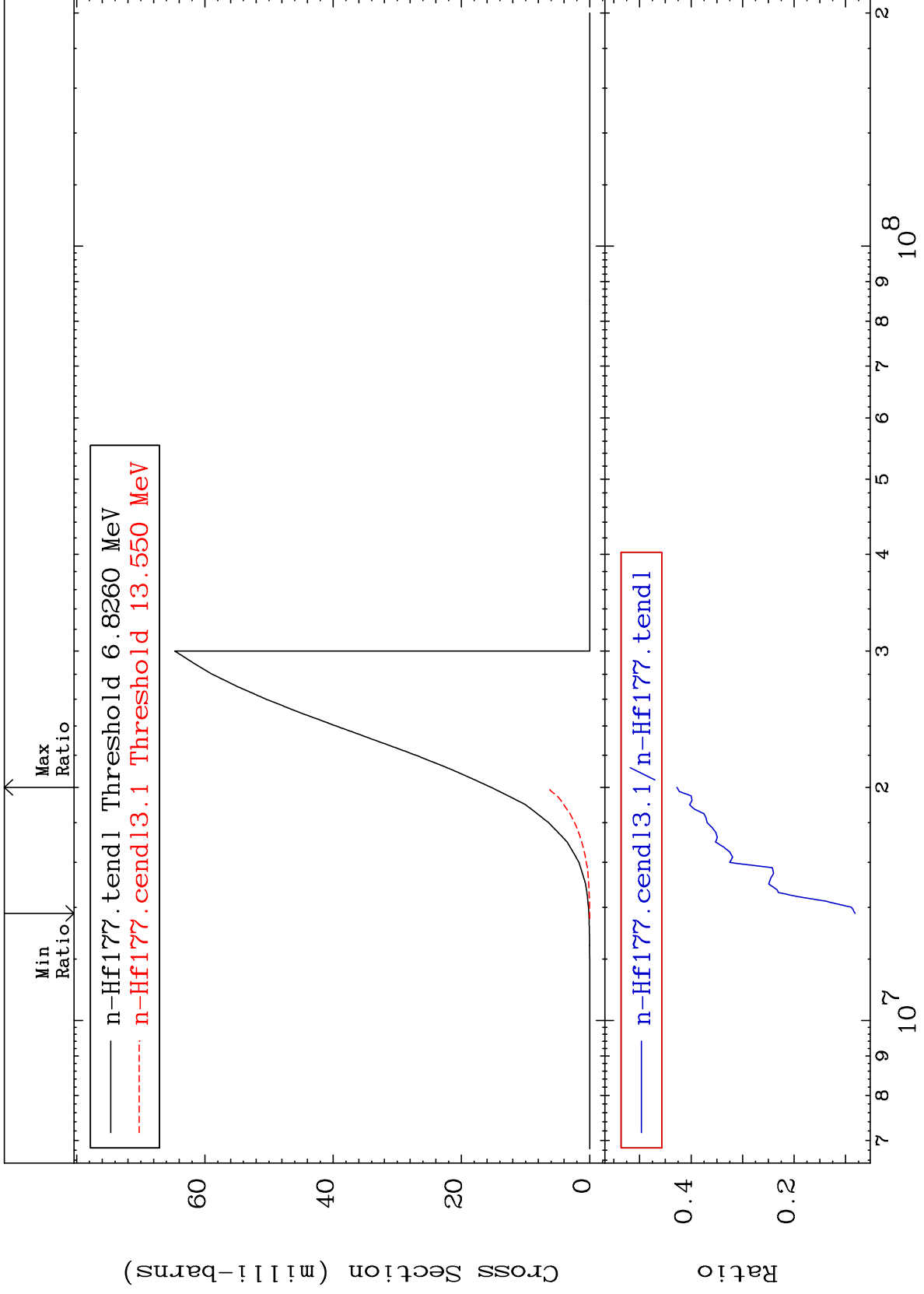
Incident Energy (eV)

72-Hf-177

MAT 7234

(n,n') p
Cross Section

⁷²Hf-177
-91.84 To -57.25%



7

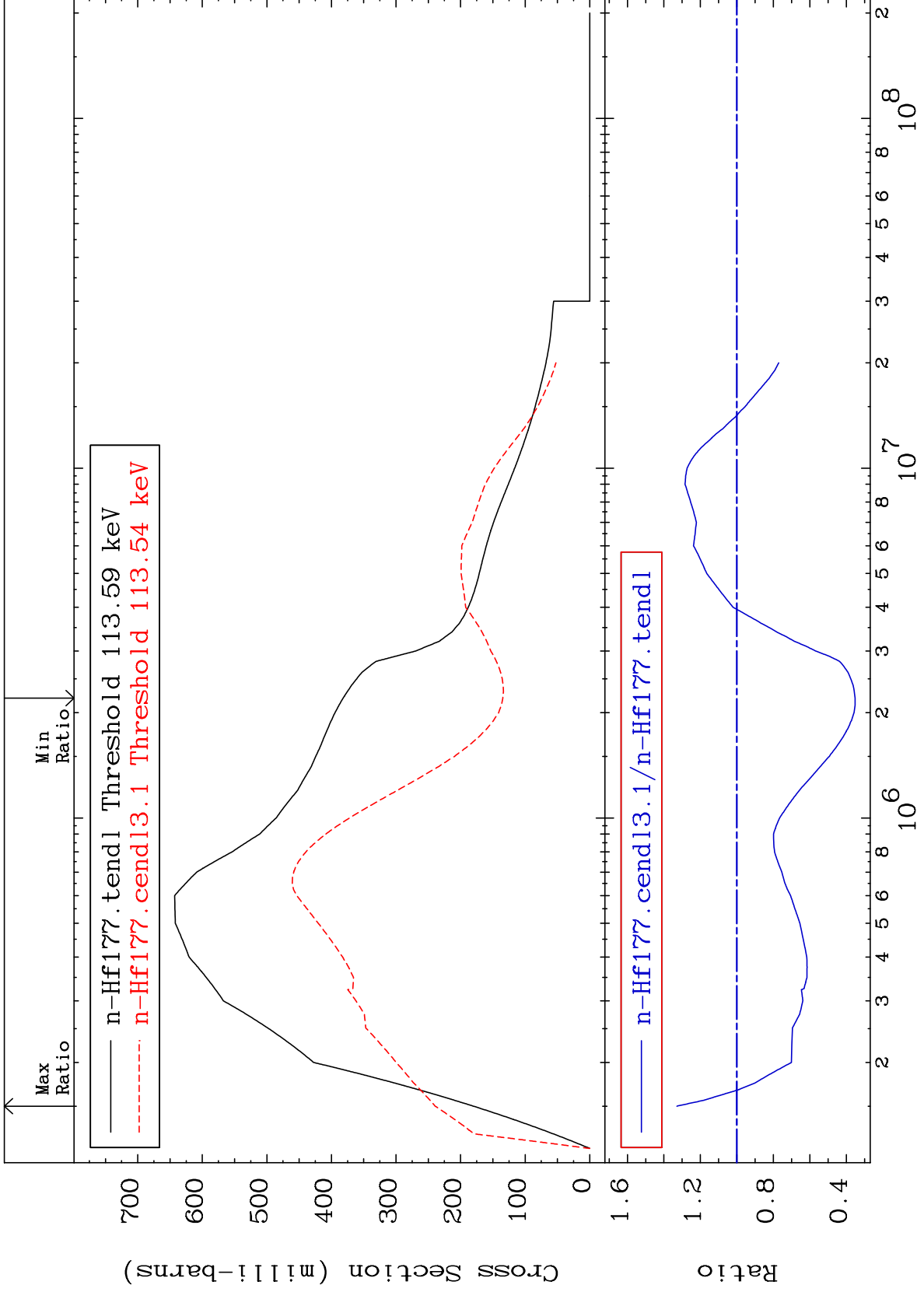
Incident Energy (eV)

⁷²Hf-177

MAT 7234

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

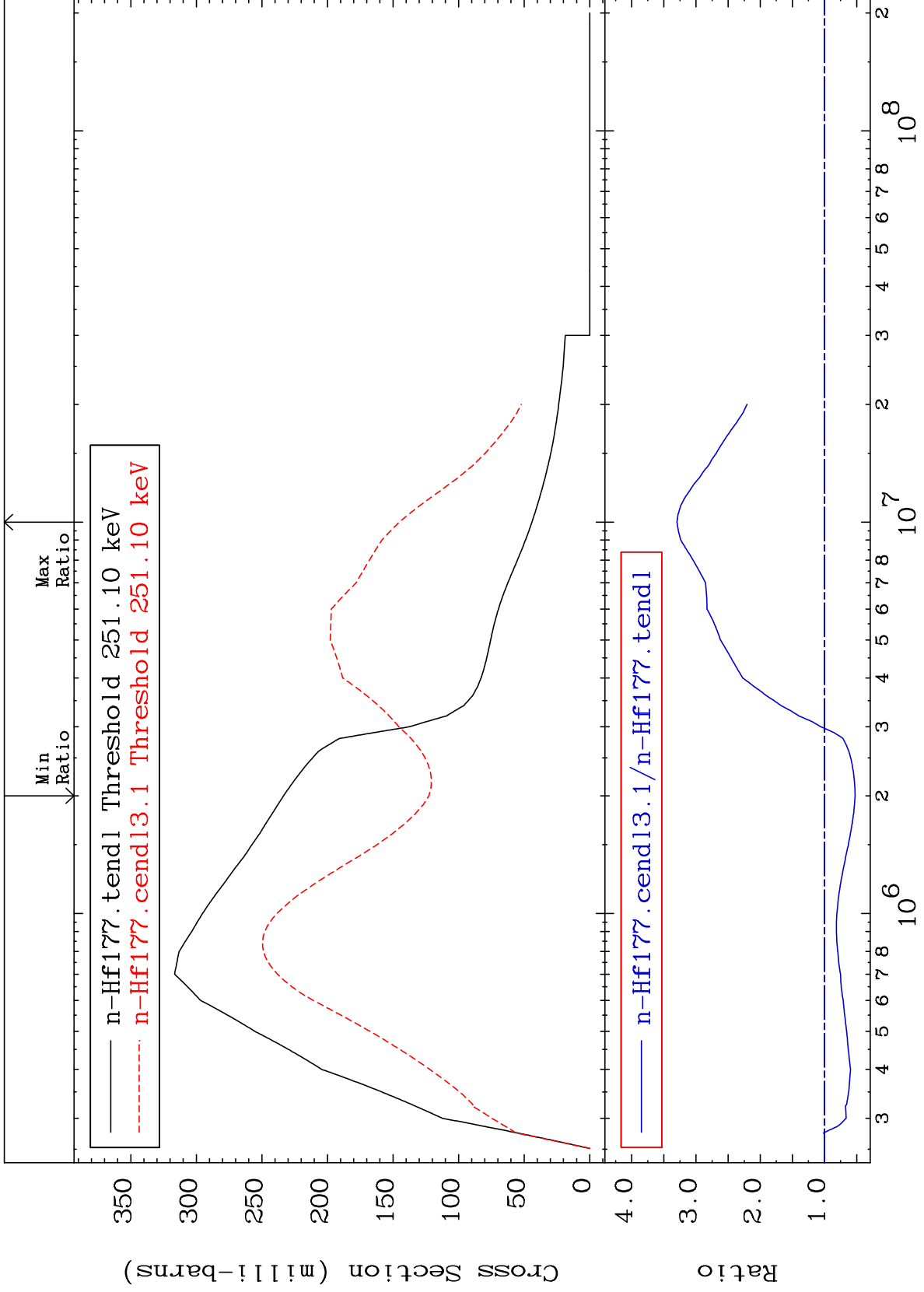
72-Hf-177
-64.79 To 32.86 %



MAT 7234

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

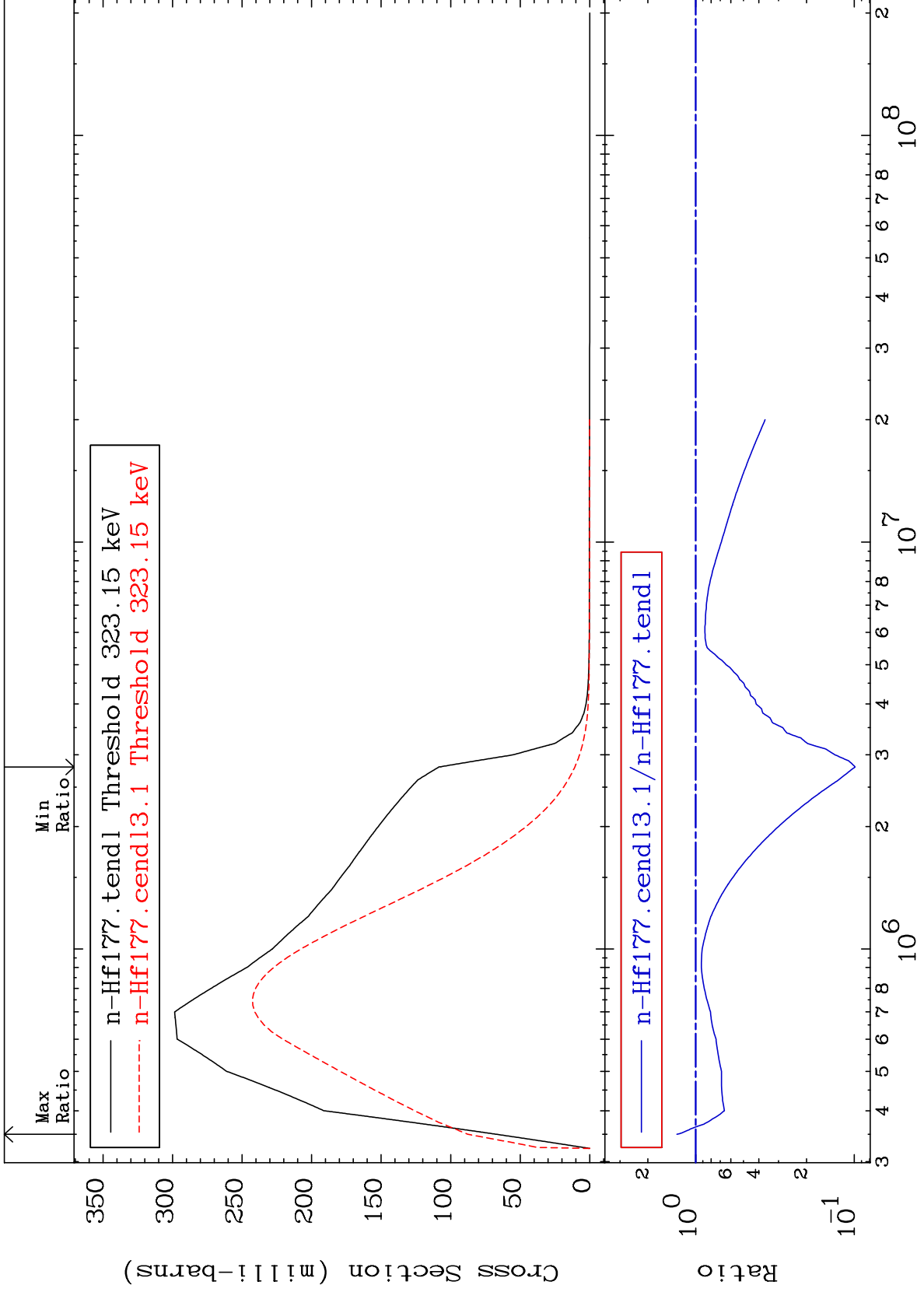
72-Hf-177
-47.51 To 229.7 %



MAT 7234

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

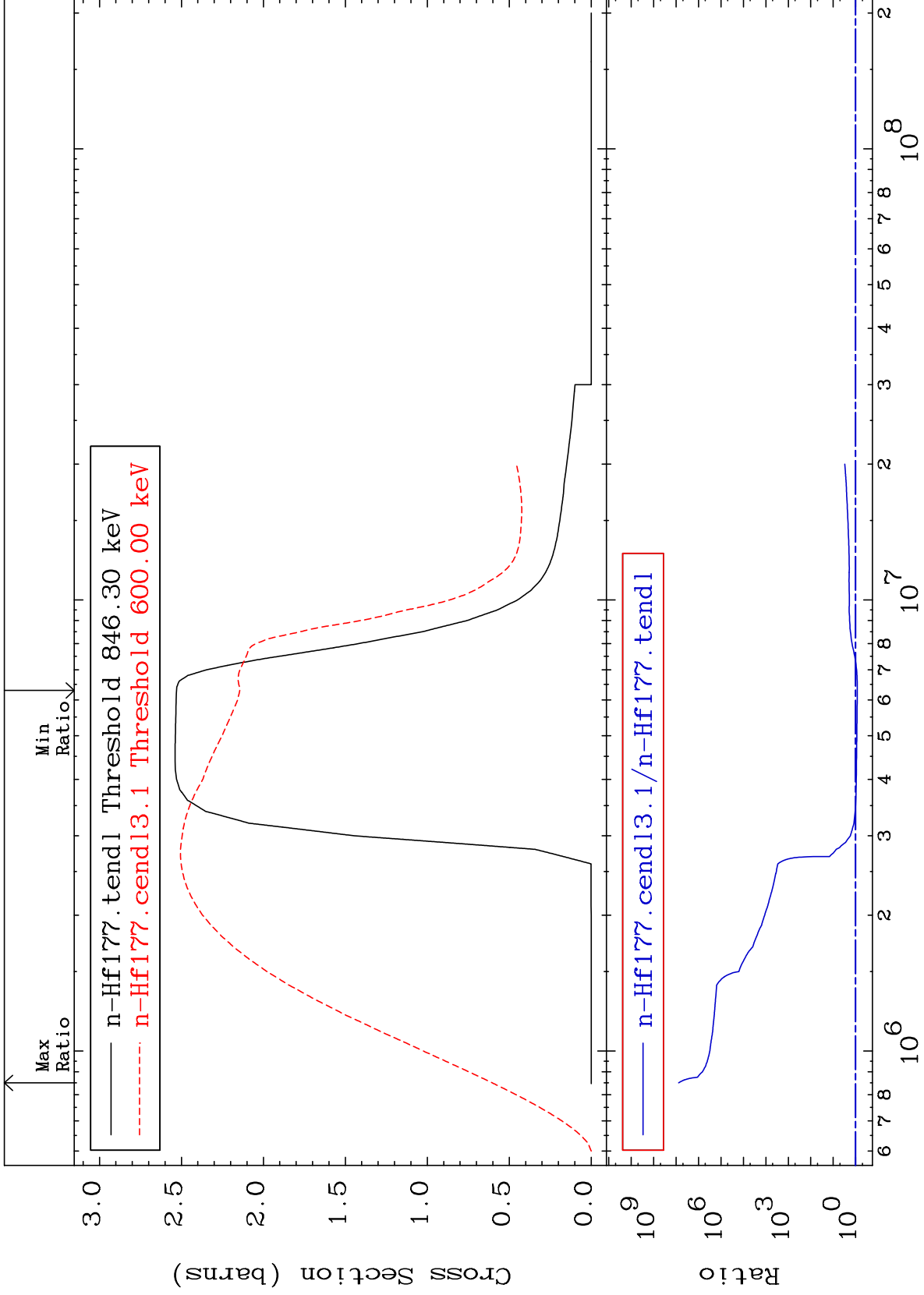
72-Hf-177
-90.13 To 31.27 %



10

Incident Energy (eV)

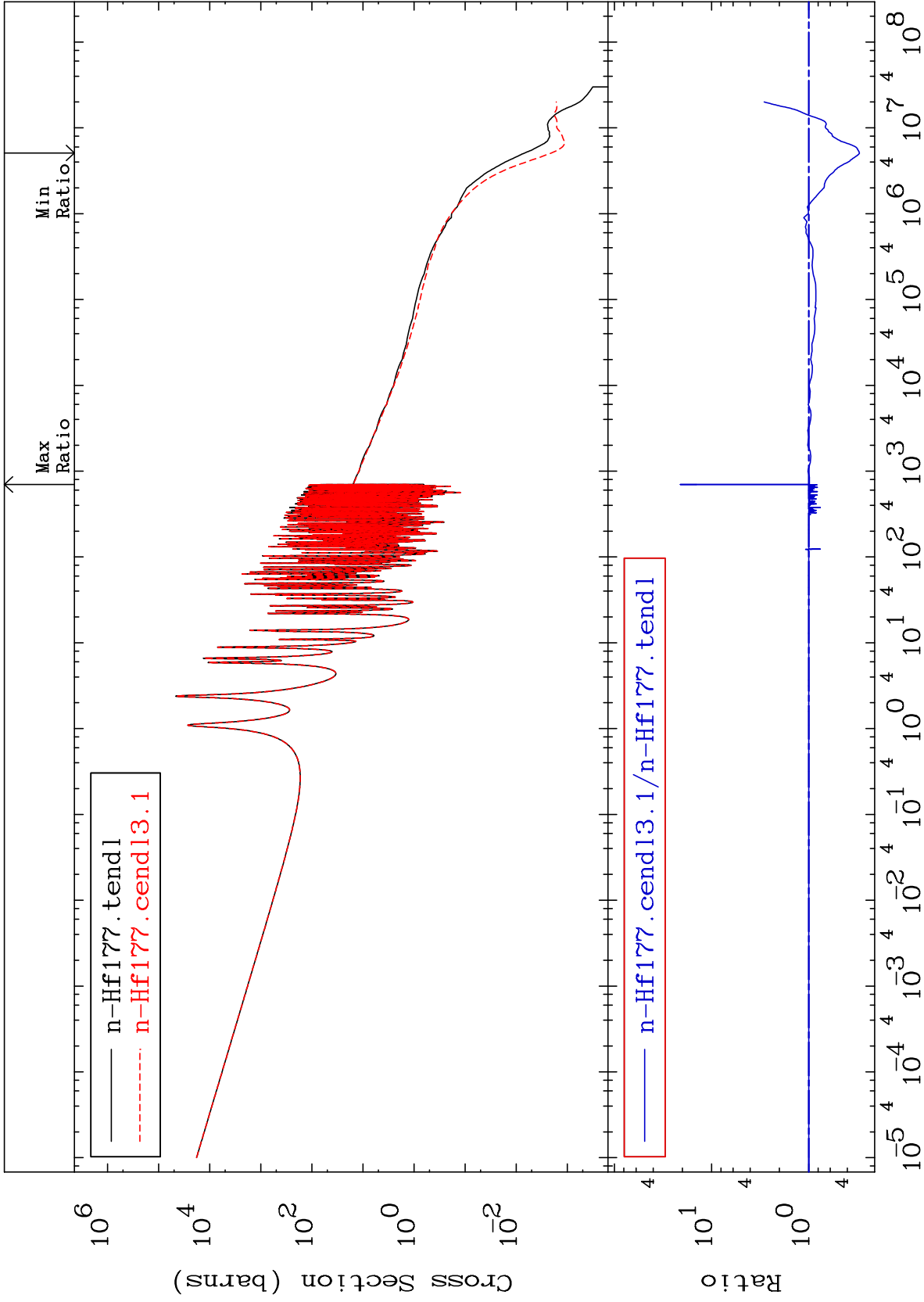
72-Hf-177



MAT 7234

(n, γ)
Cross Section

72-Hf-177
-69.99 To 1997. %



12

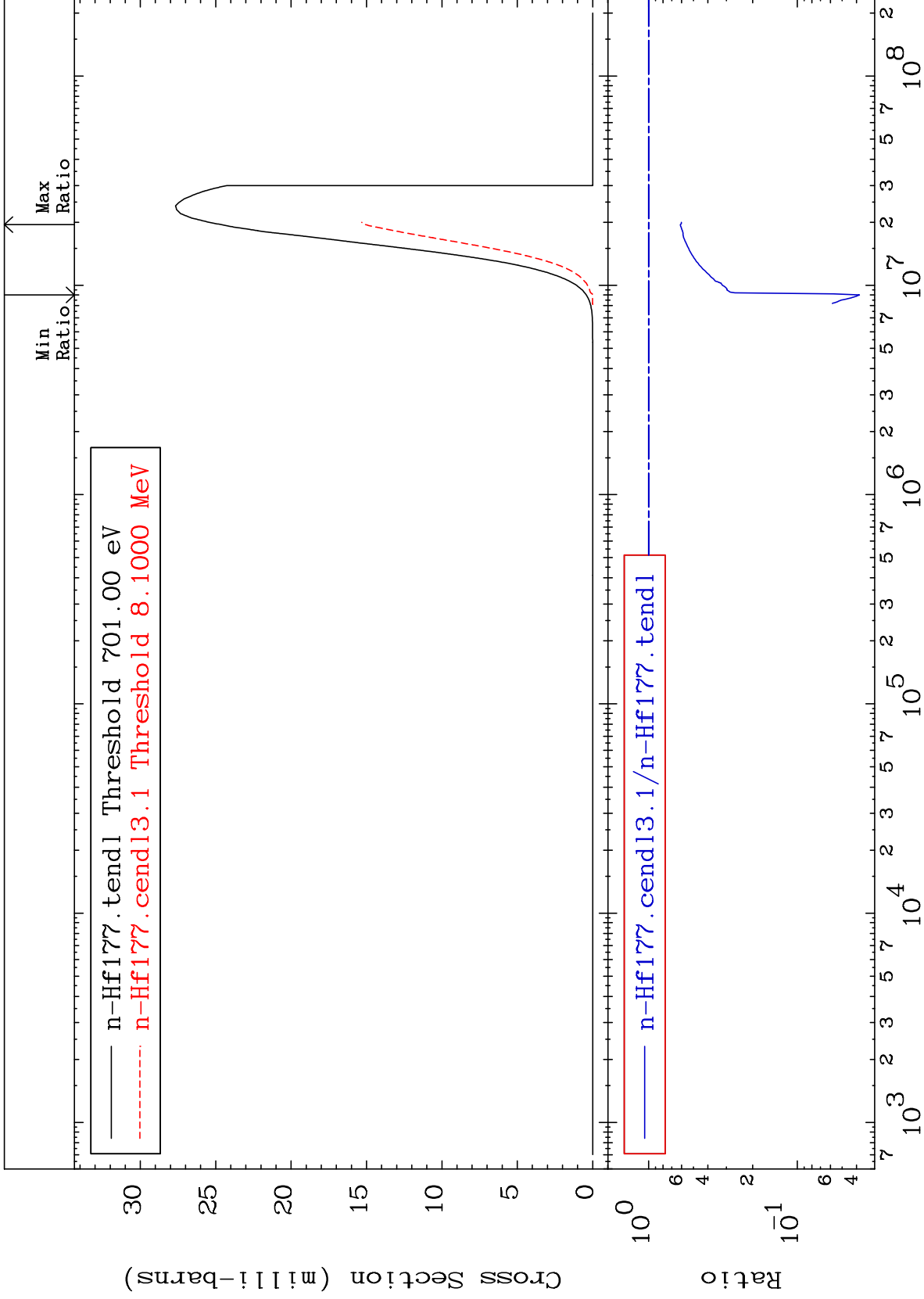
Incident Energy (eV)

72-Hf-177

MAT 7234

(n,p)
Cross Section

72-Hf-177
-96.17 To -38.81%



13

Incident Energy (eV)

72-Hf-177

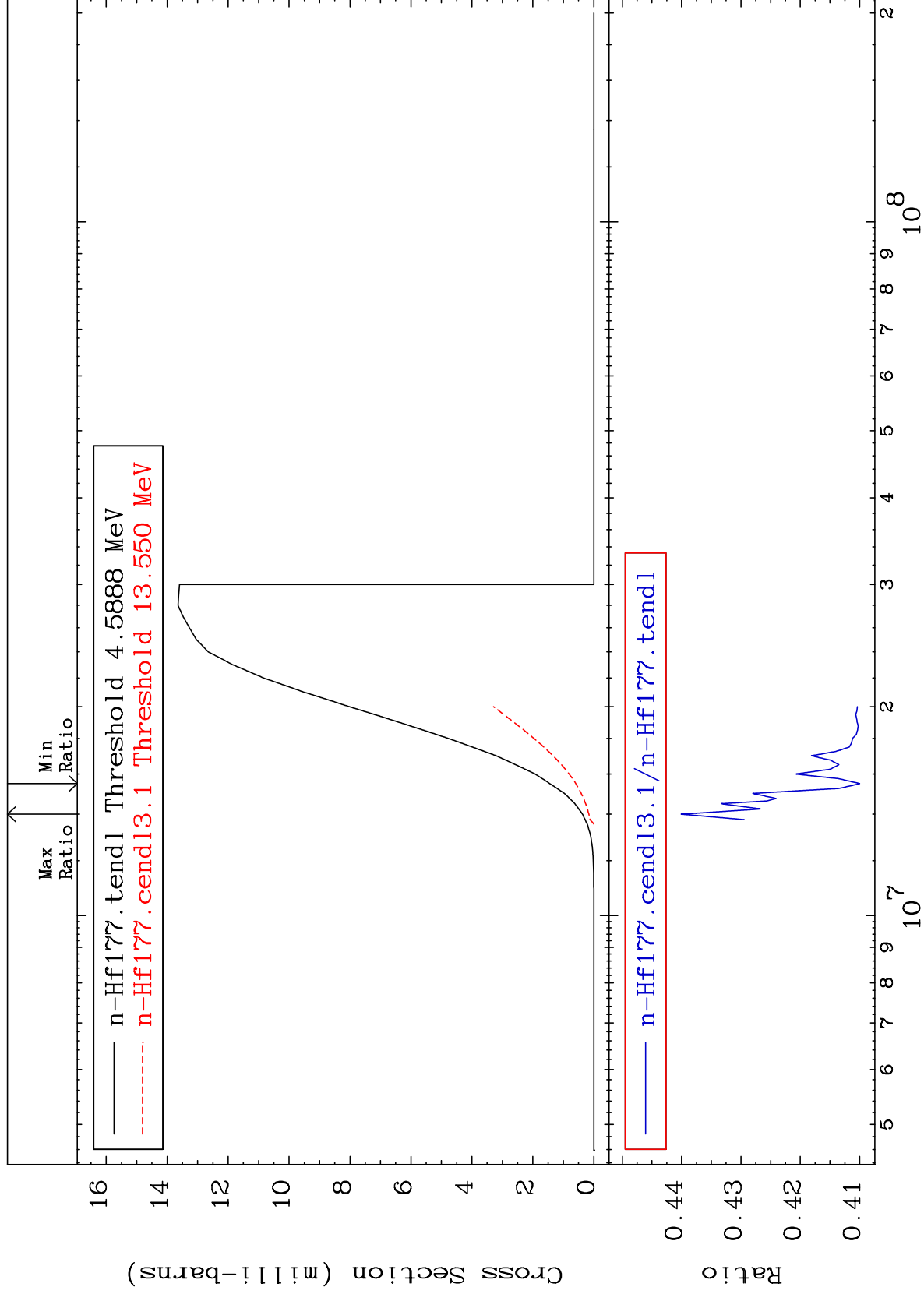
MAT 7234

(n, d)

72-Hf-177

Cross Section

-59.00 To -55.99%



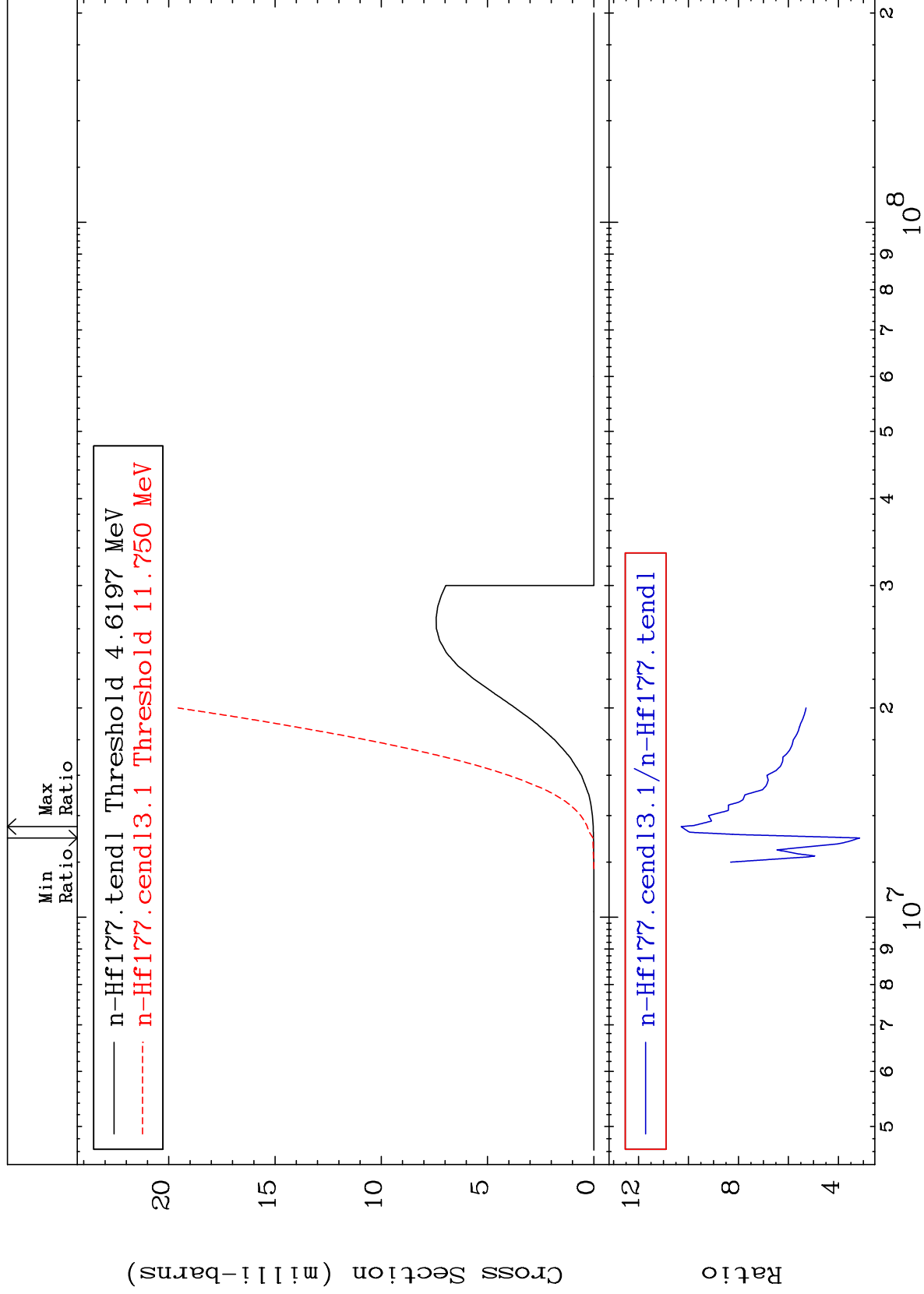
14

Incident Energy (eV)

72-Hf-177

MAT 7234

(n, t)
Cross Section
72-Hf-177
215.0 To 929.2 %



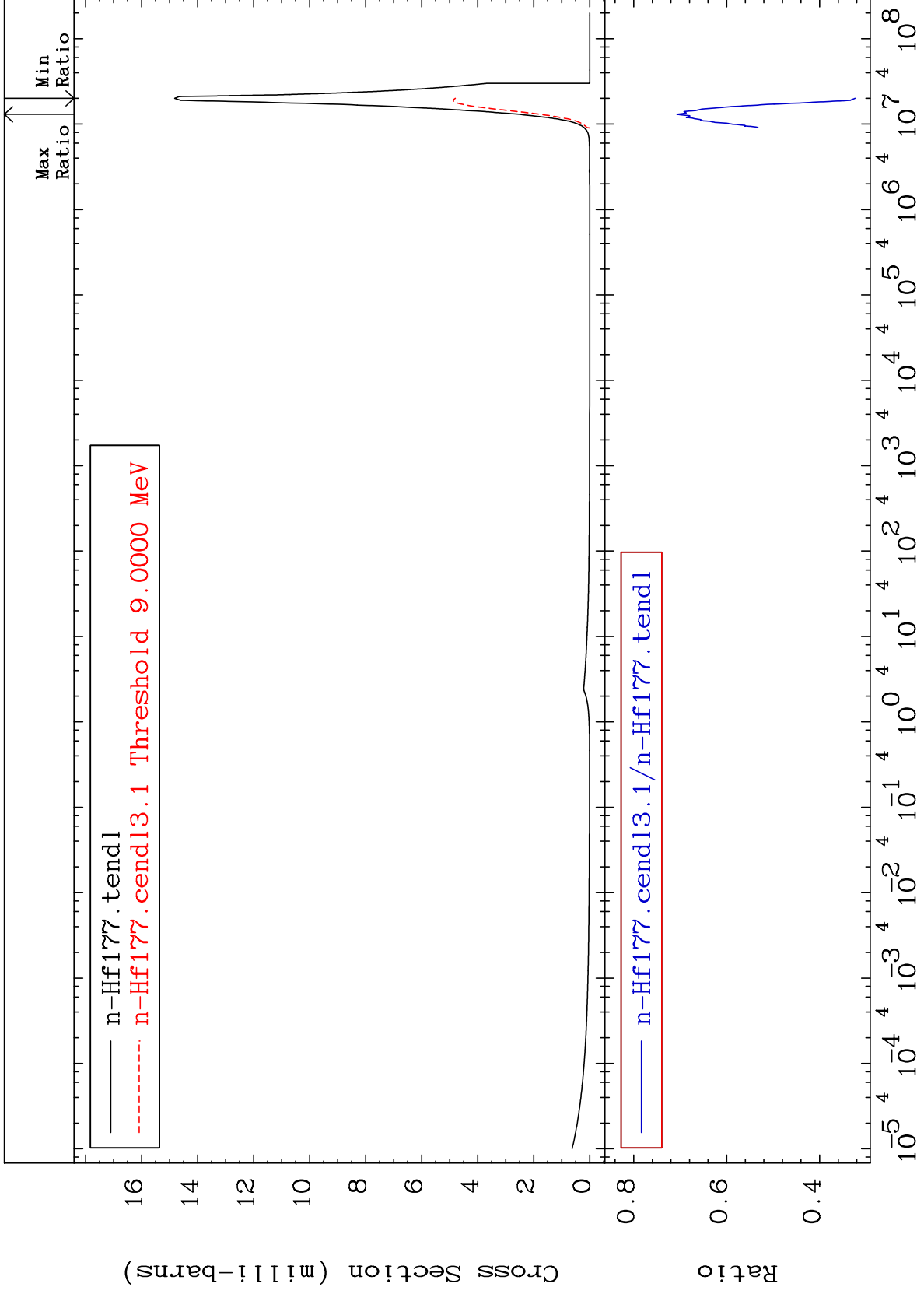
15

72-Hf-177

MAT 7234

(n, α)
Cross Section

72-Hf-177
-67.63 To -29.30%



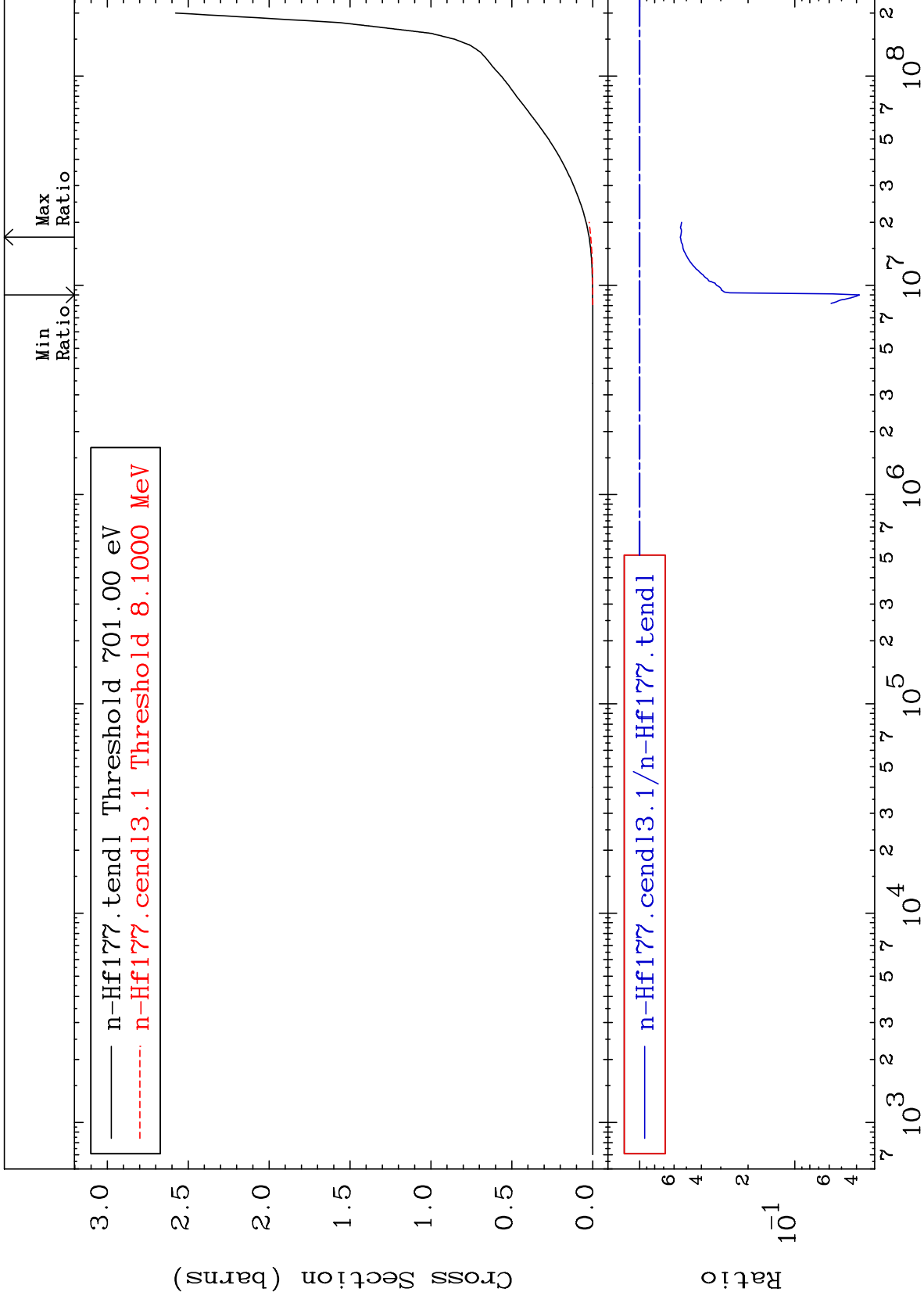
Incident Energy (eV)

72-Hf-177

MAT 7234

Hydrogen Production
Cross Section

72-Hf-177
-96.17 To -45.39%



17

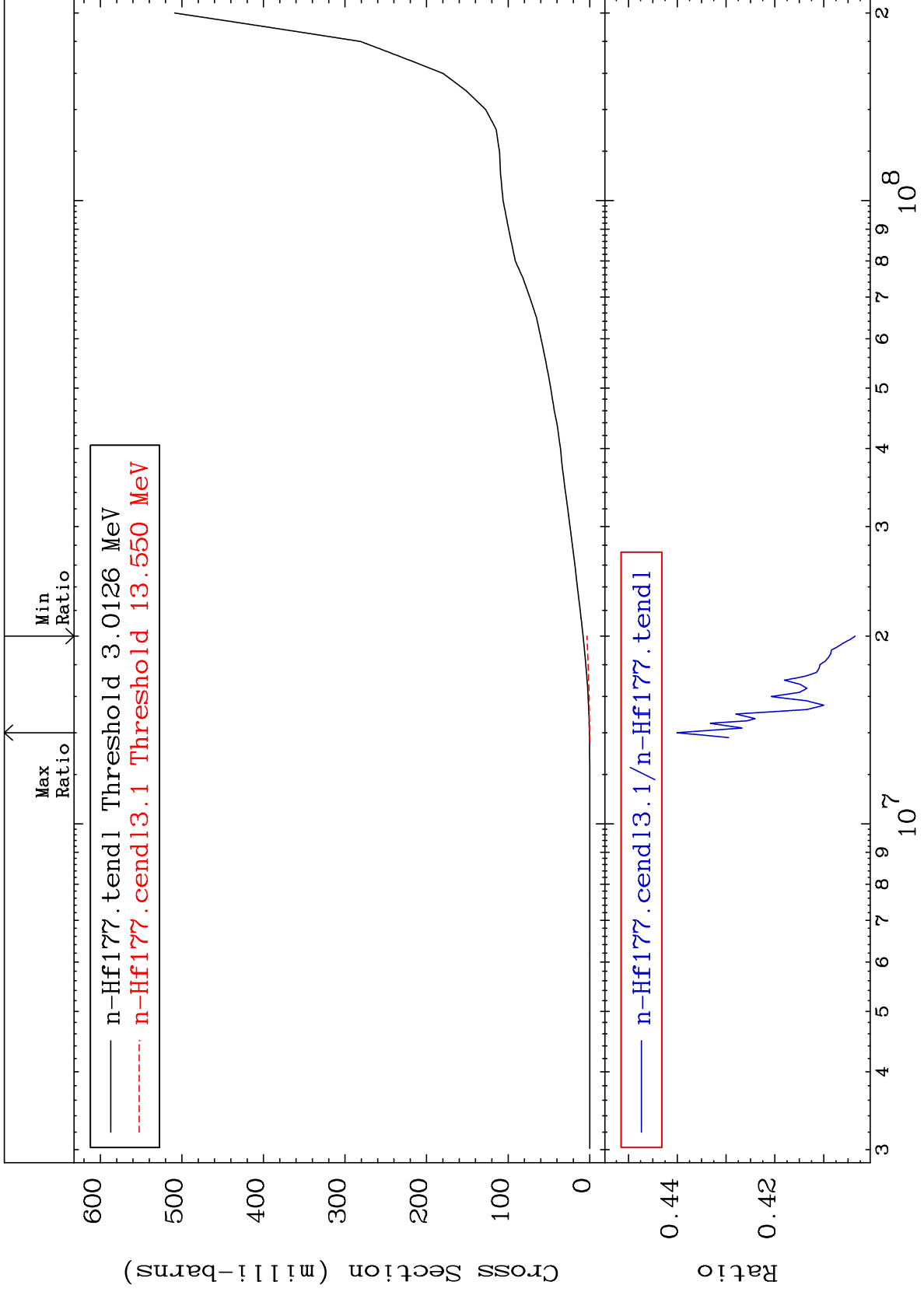
Incident Energy (eV)

72-Hf-177

MAT 7234

Deuterium Production
Cross Section

⁷²Hf-177
-59.64 To -55.99%



18

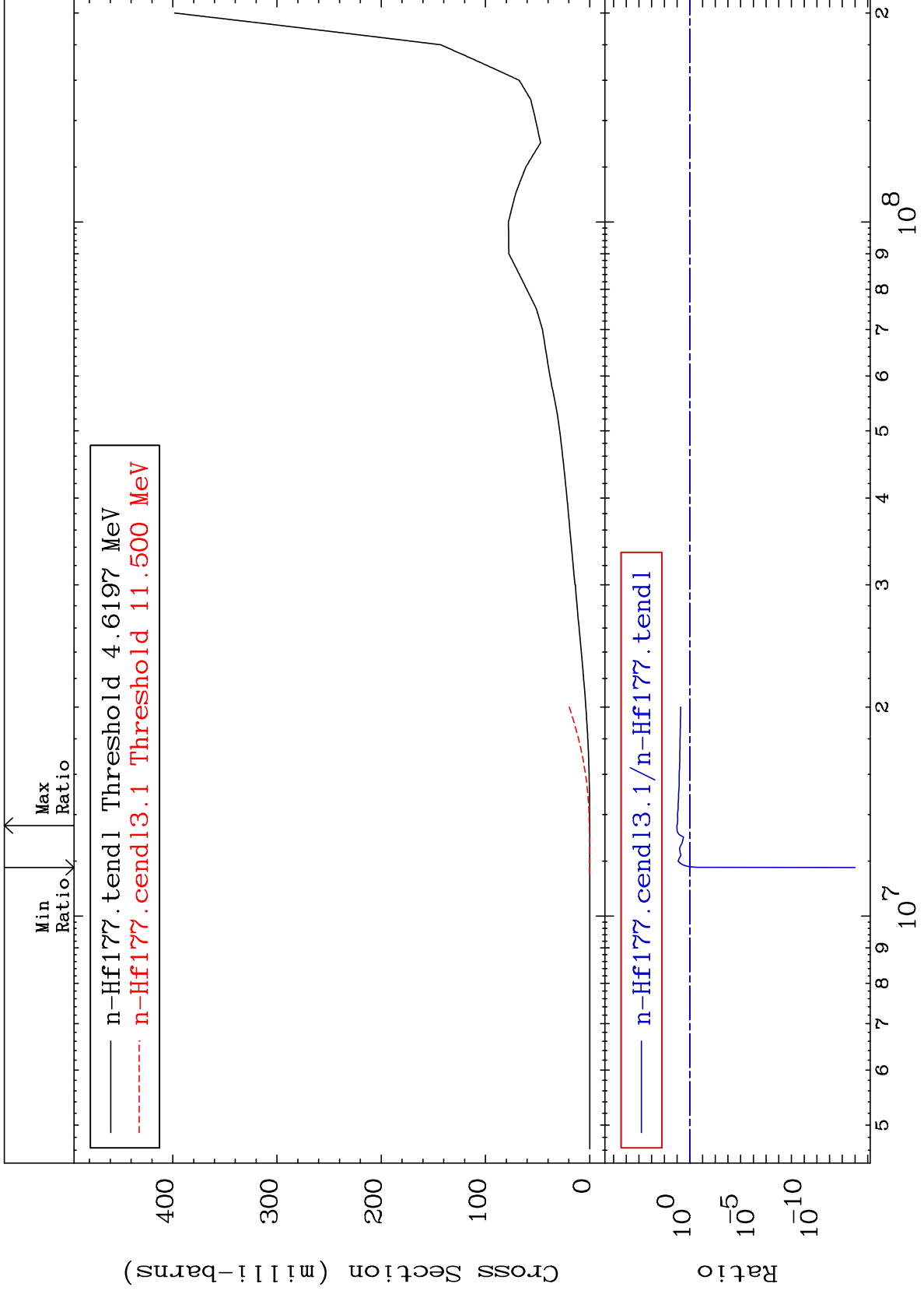
Incident Energy (eV)

⁷²Hf-177

MAT 7234

Tritium Production
Cross Section

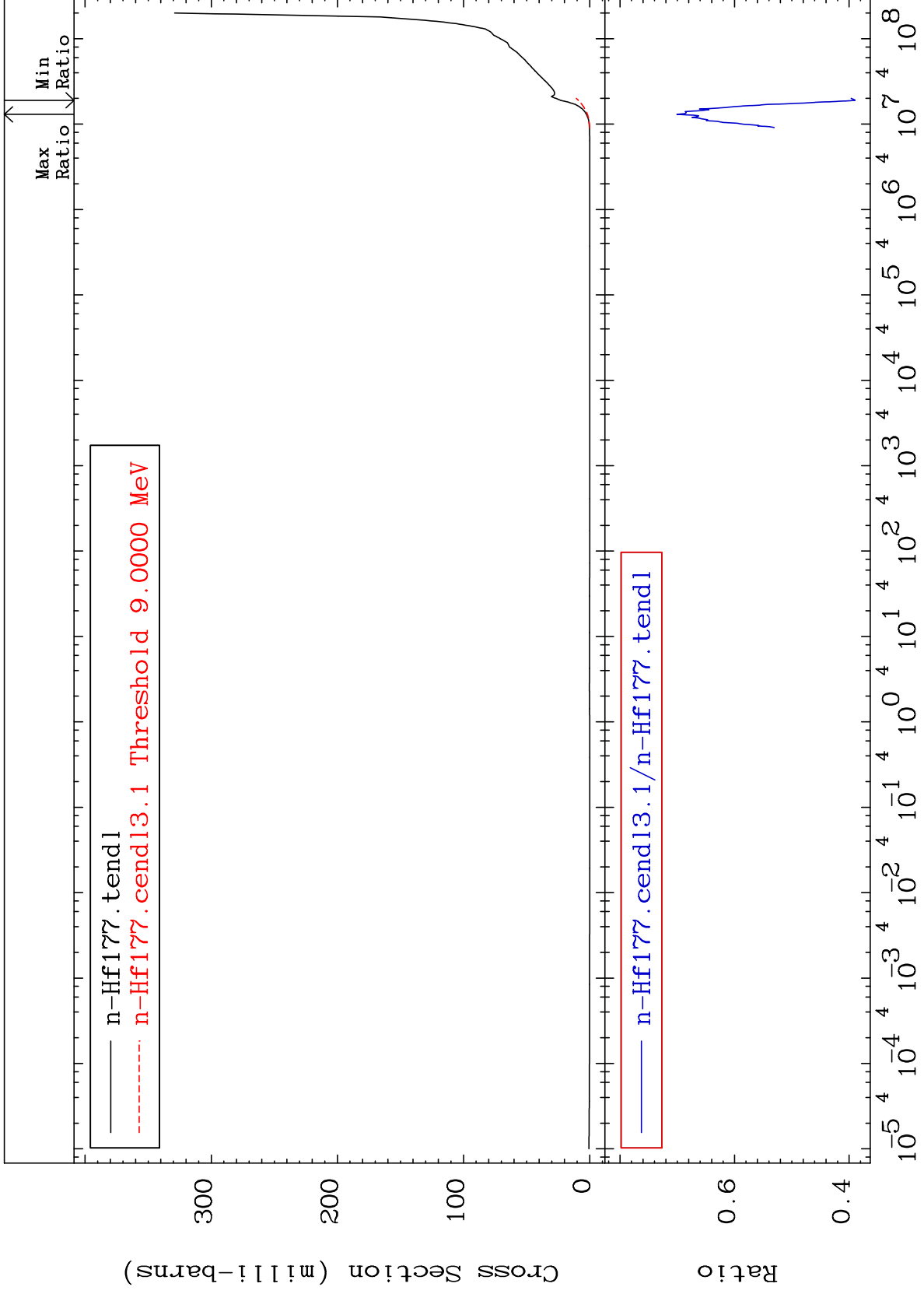
⁷²Hf-177
-100.0 To 929.2 %



MAT 7234

He-4 Production
Cross Section

72-Hf-177
-61.06 To -29.93%



Incident Energy (eV)

72-Hf-177

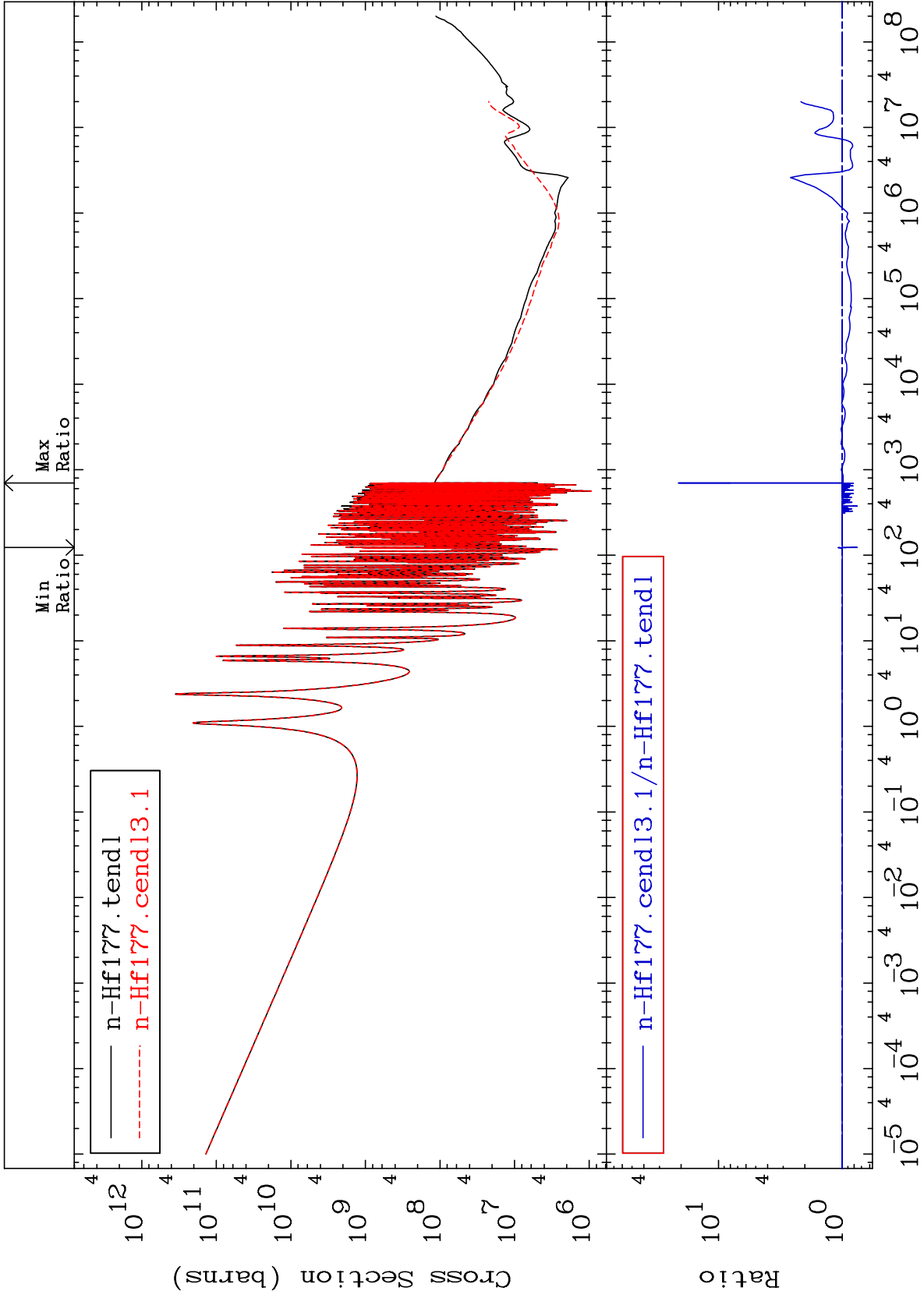
MAT 7234

Kerma total (eV-barns)

72-Hf-177

Cross Section

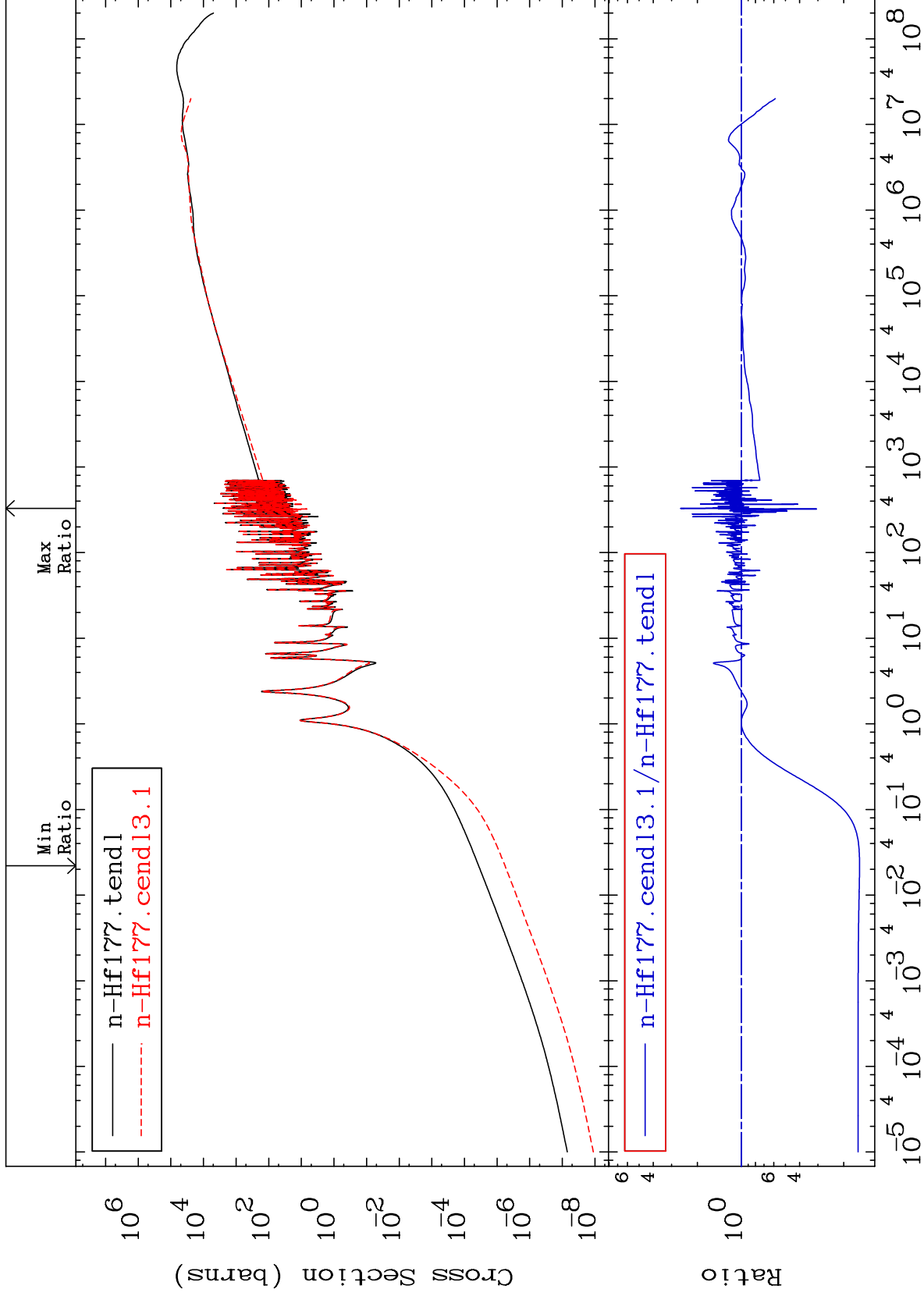
-24.47 To 1997. %



MAT 7234

Kerma elastic
Cross Section

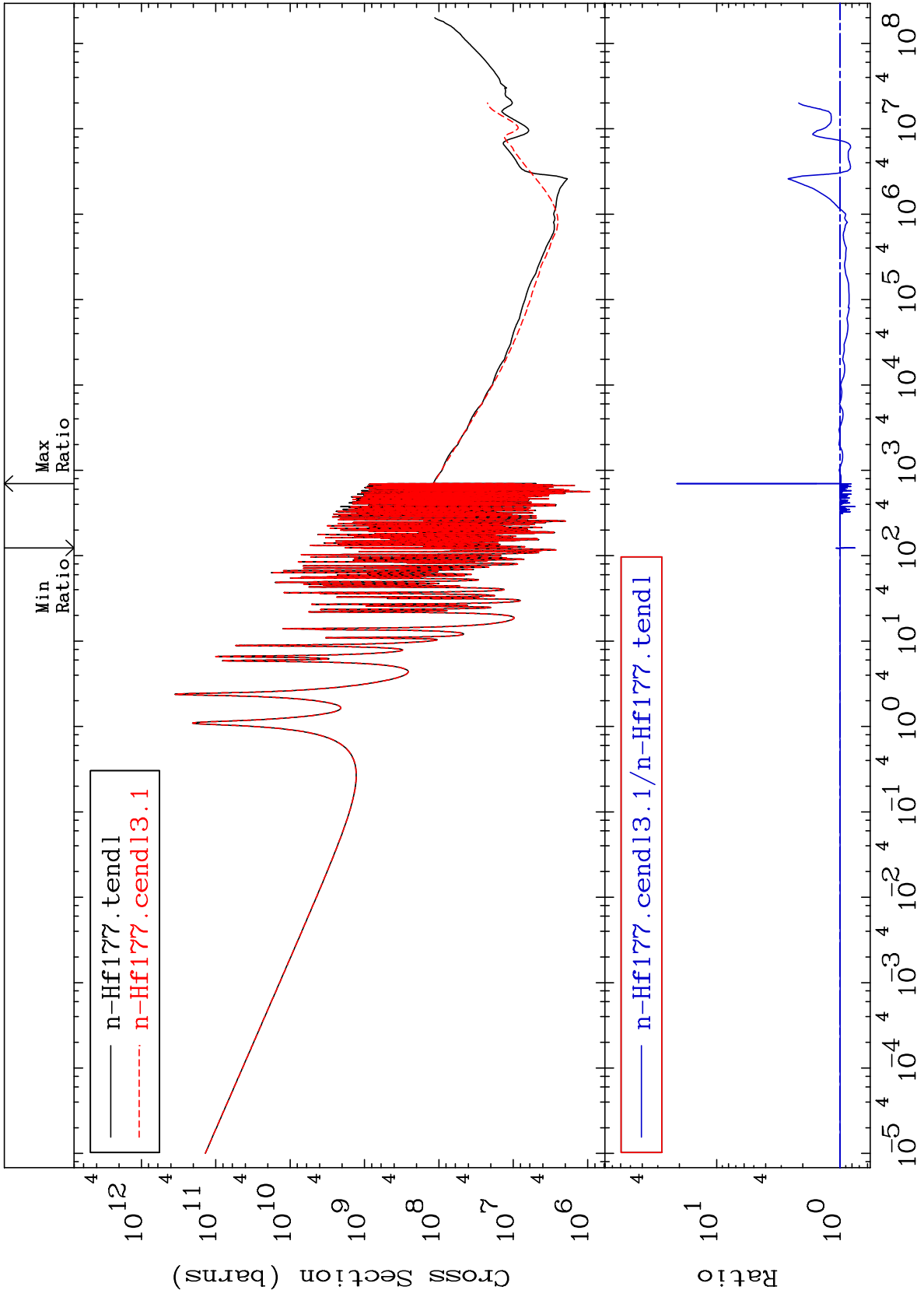
72-Hf-177
-84.41 To 159.4 %



MAT 7234

Kerma non-elastic (all but mt2)
Cross Section

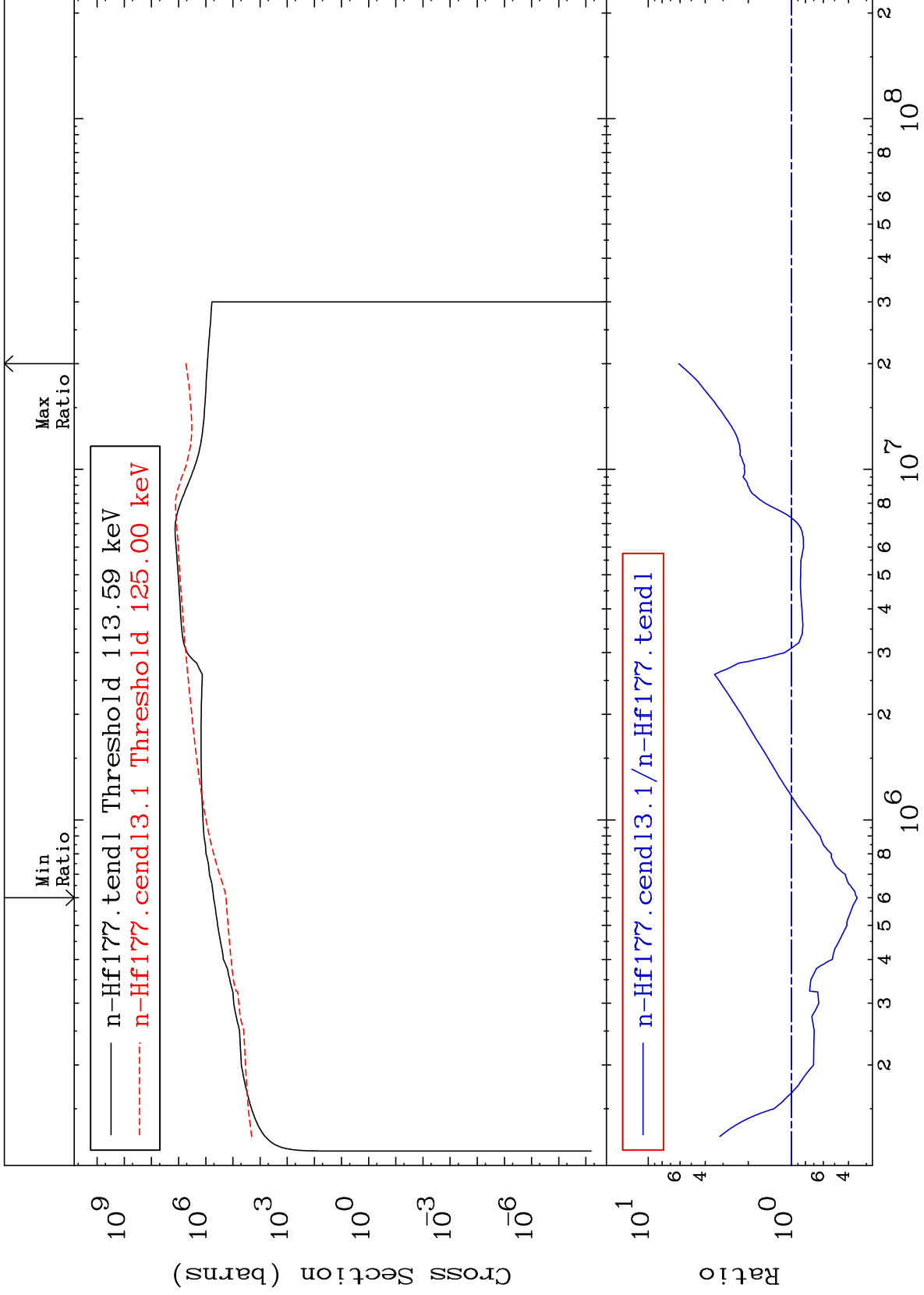
72-Hf-177
-24.47 To 1997. %



MAT 7234

Kerma inelastic (mt51-91)
Cross Section

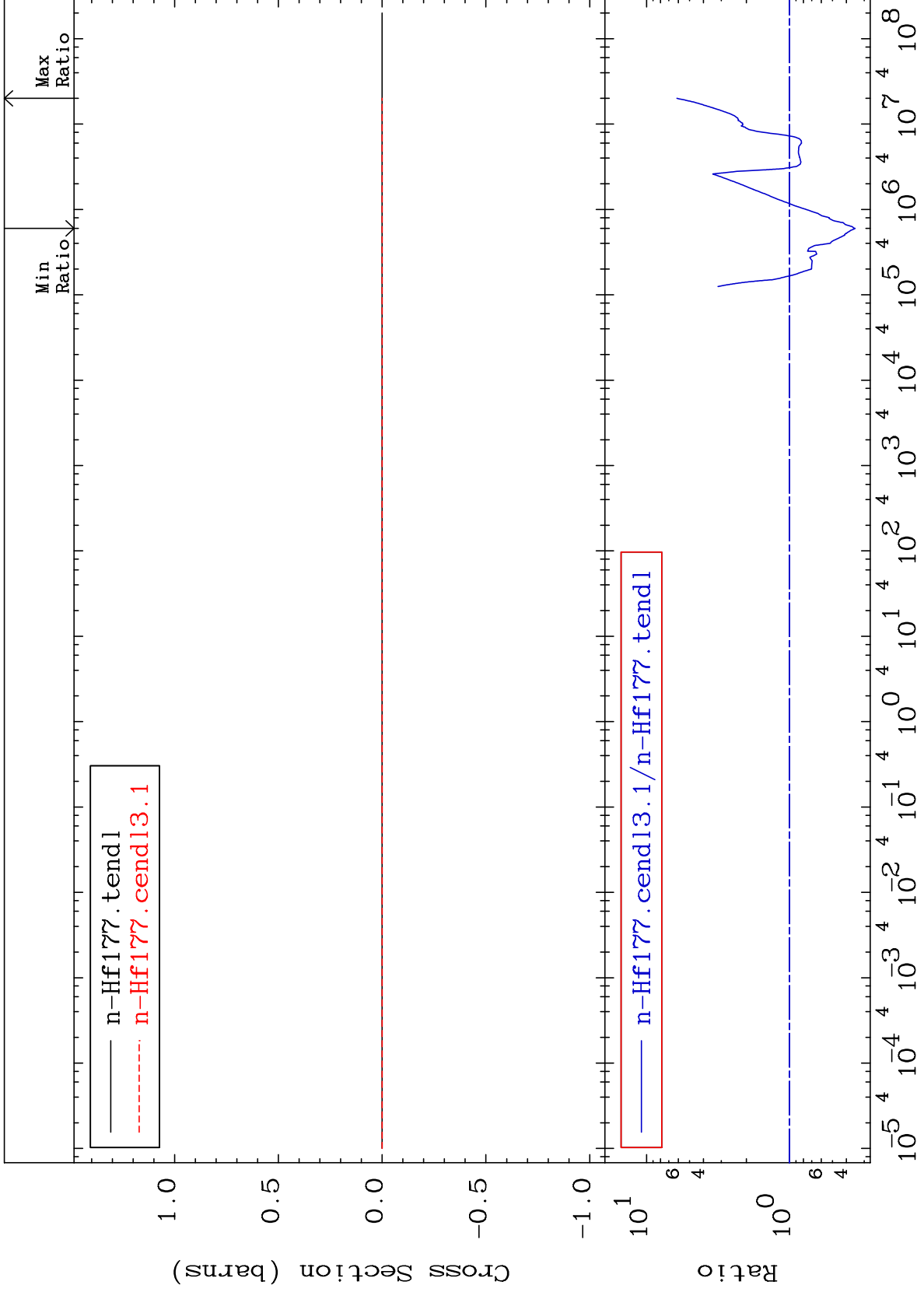
72-Hf-177
-65.24 To 513.1 %



MAT 7234

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

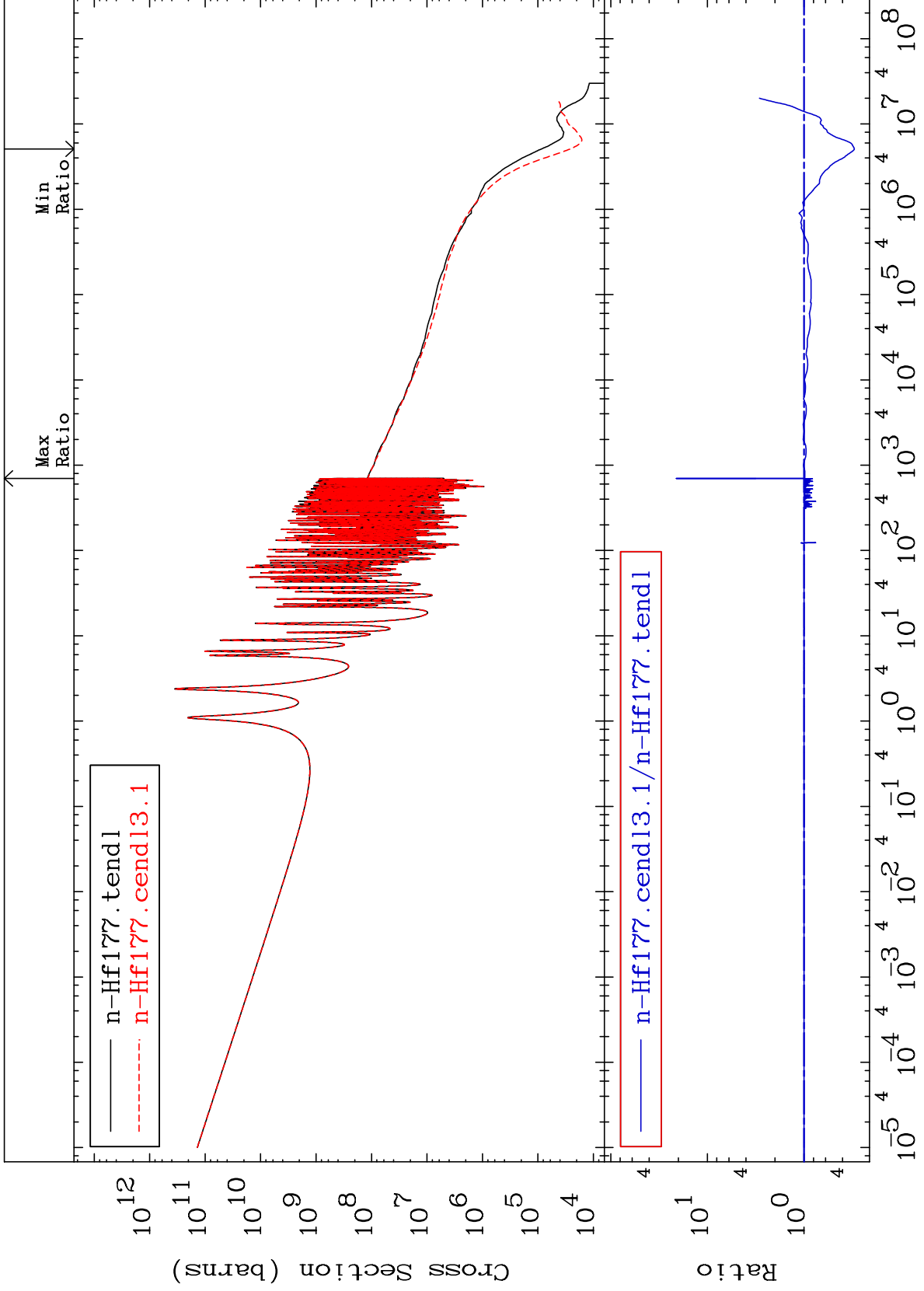
72-Hf-177
-65.24 To 513.1 %



MAT 7234

Kerma capture (mt102)
Cross Section

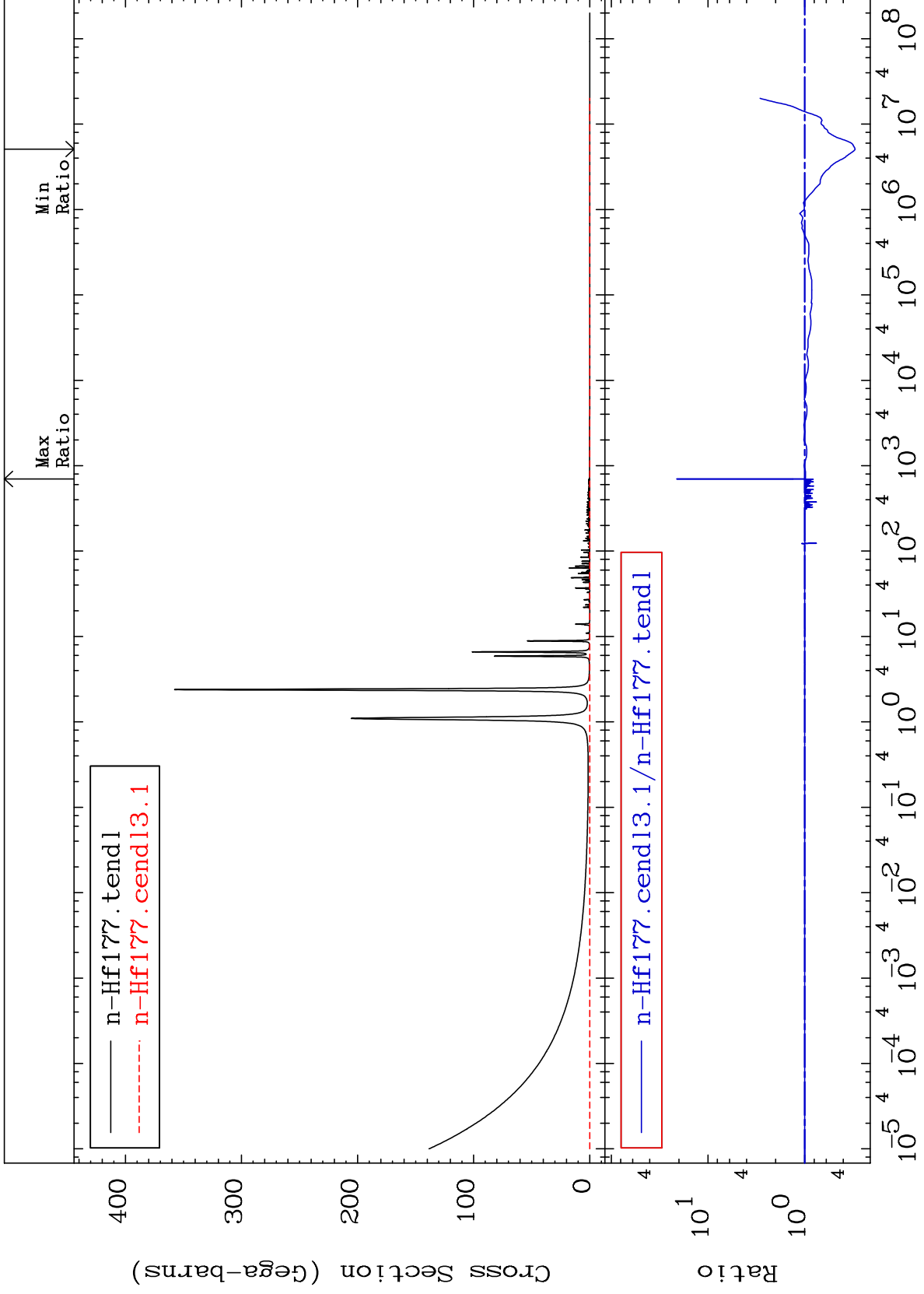
72-Hf-177
-69.84 To 1997. %



MAT 7234

Total photon (eV-barns)
Cross Section

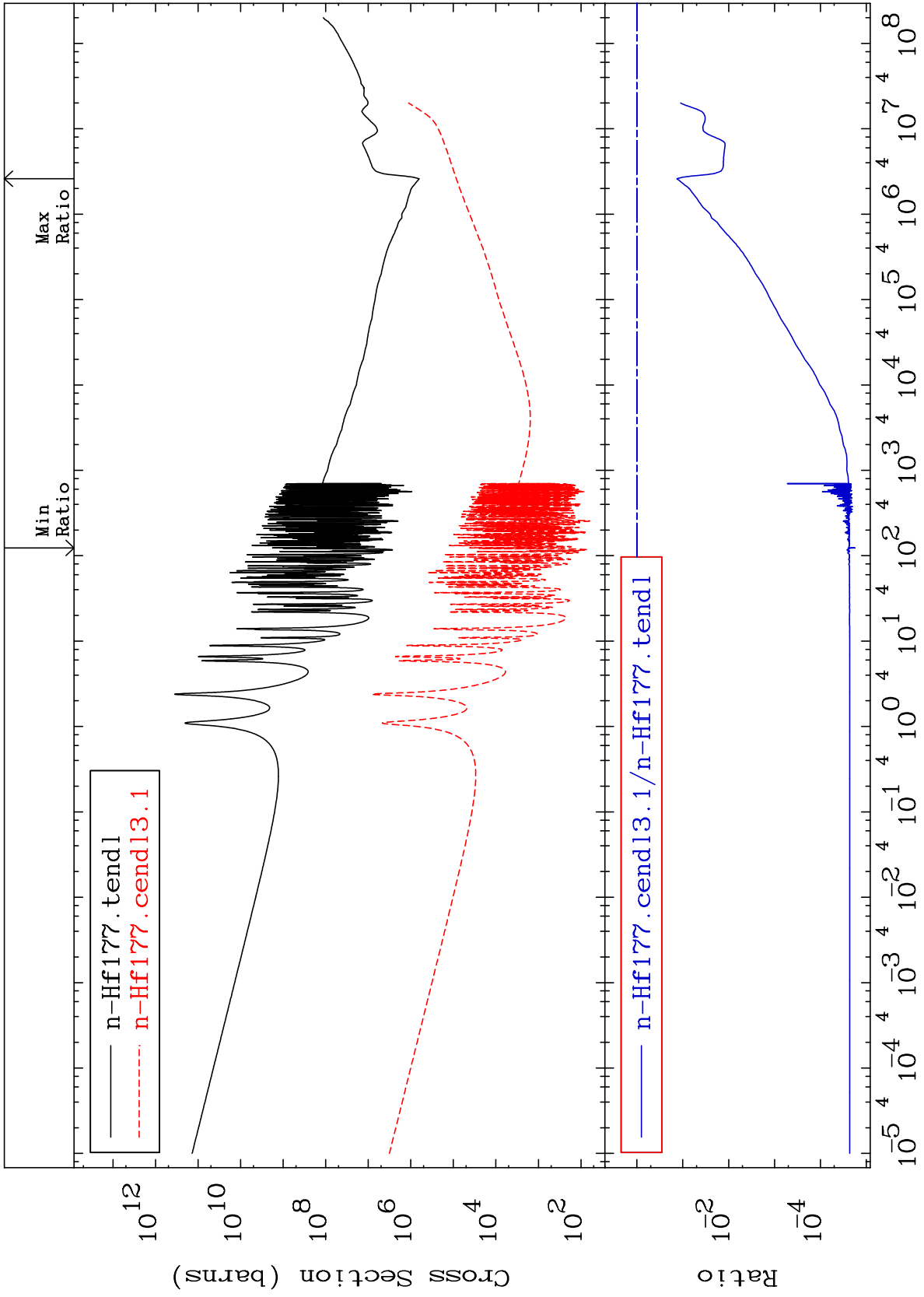
72-Hf-177
-69.84 To 1997. %

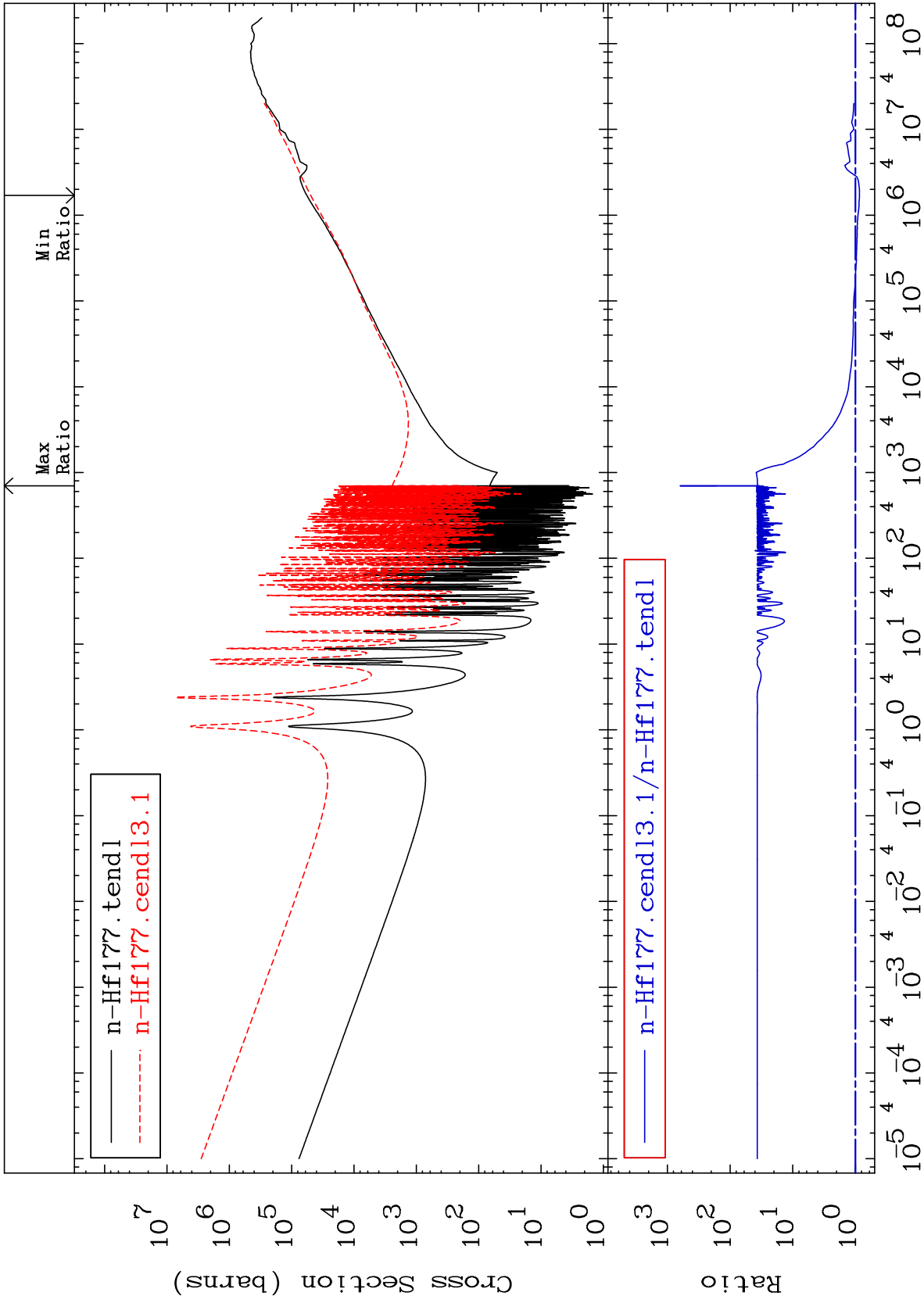


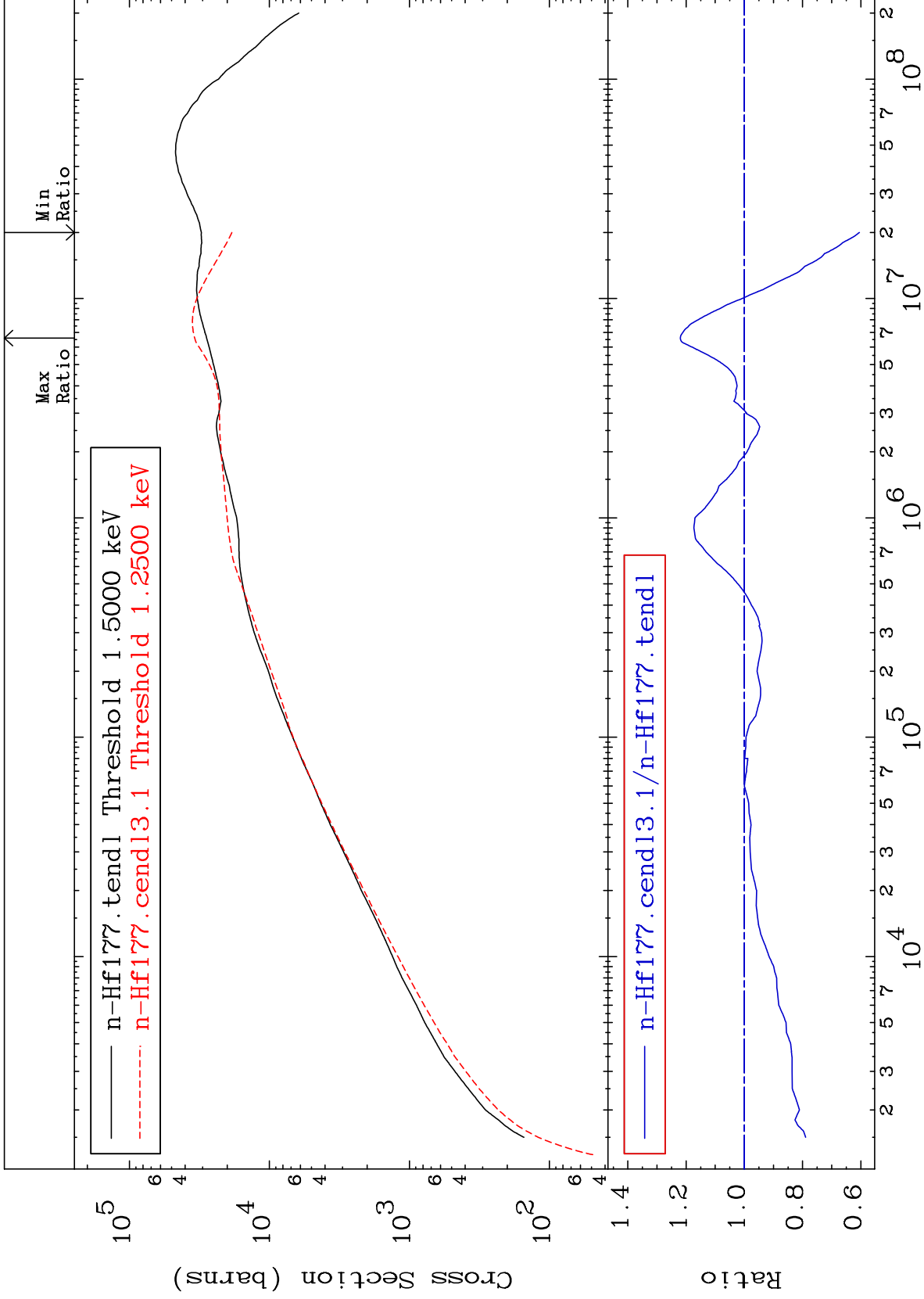
MAT 7234

Total kinematic kerma (high limit)
Cross Section

72-Hf-177
-100.0 To -86.58%



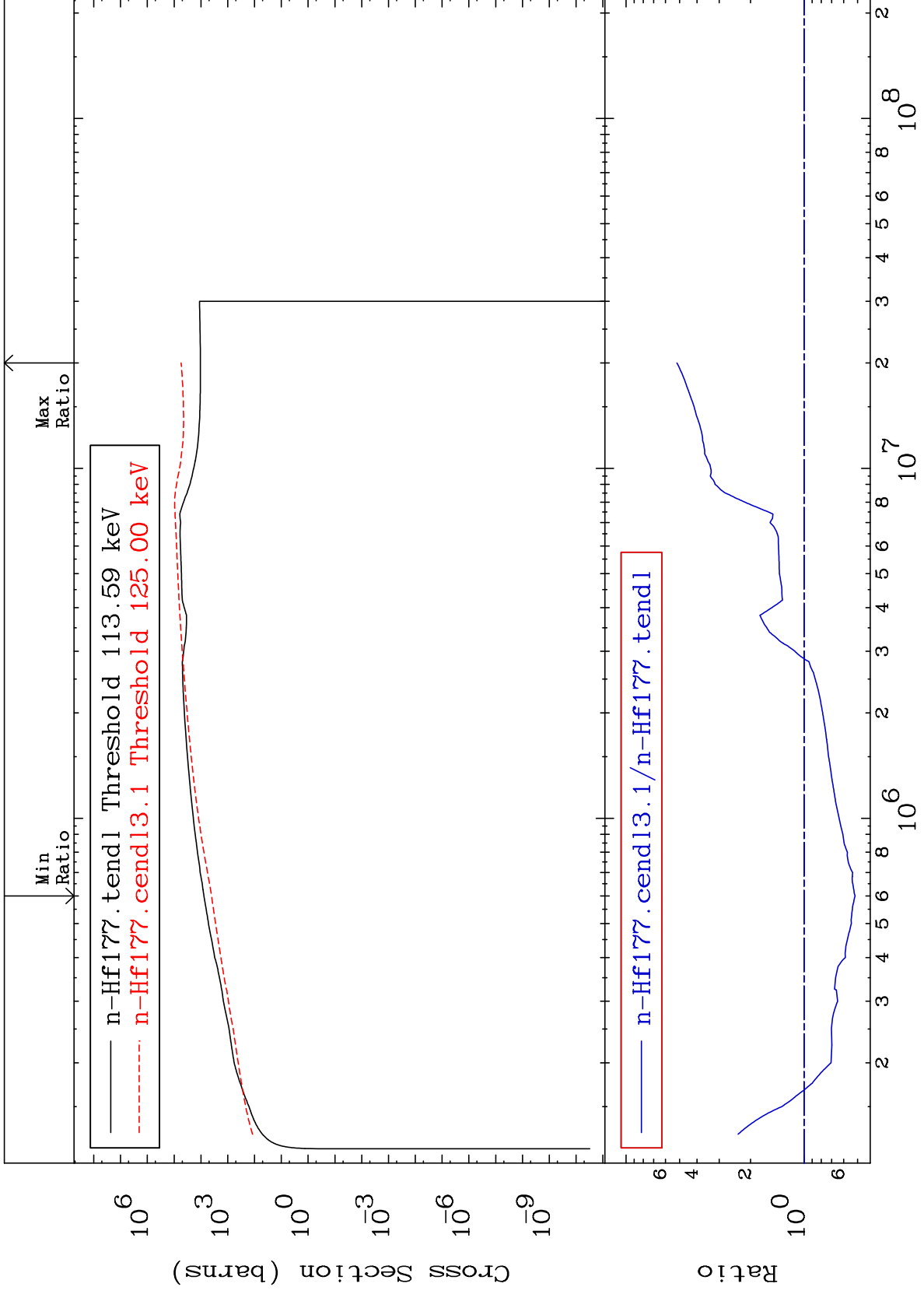




MAT 7234

Dpa inelastic (mt51-91)
Cross Section

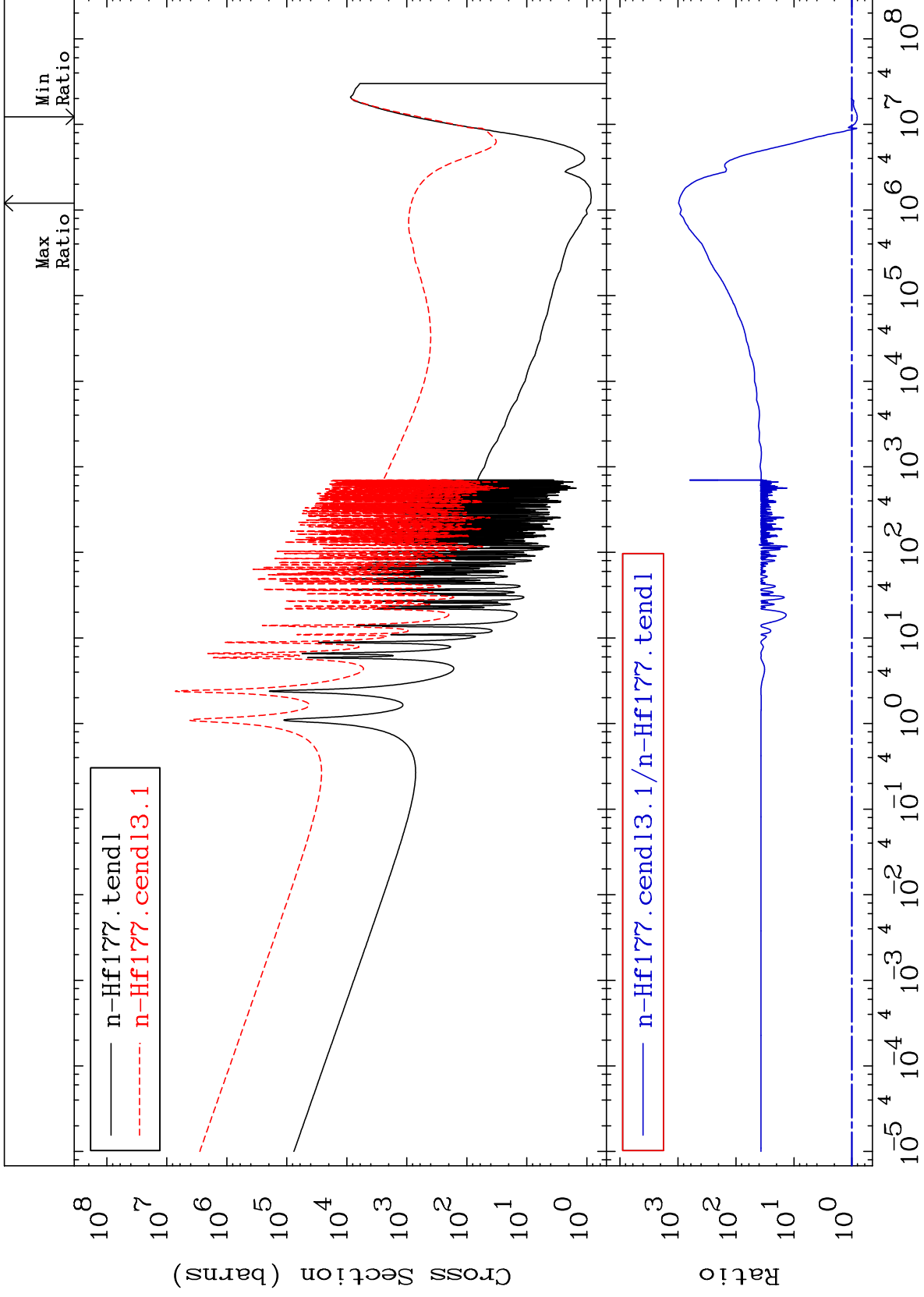
72-Hf-177
-48.30 To 418.0 %



MAT 7234

Dpa disappearance (mt102 -120)
Cross Section

72-Hf-177
-19.12 To 9999. %



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Incident Energy (eV)

72-Hf-177