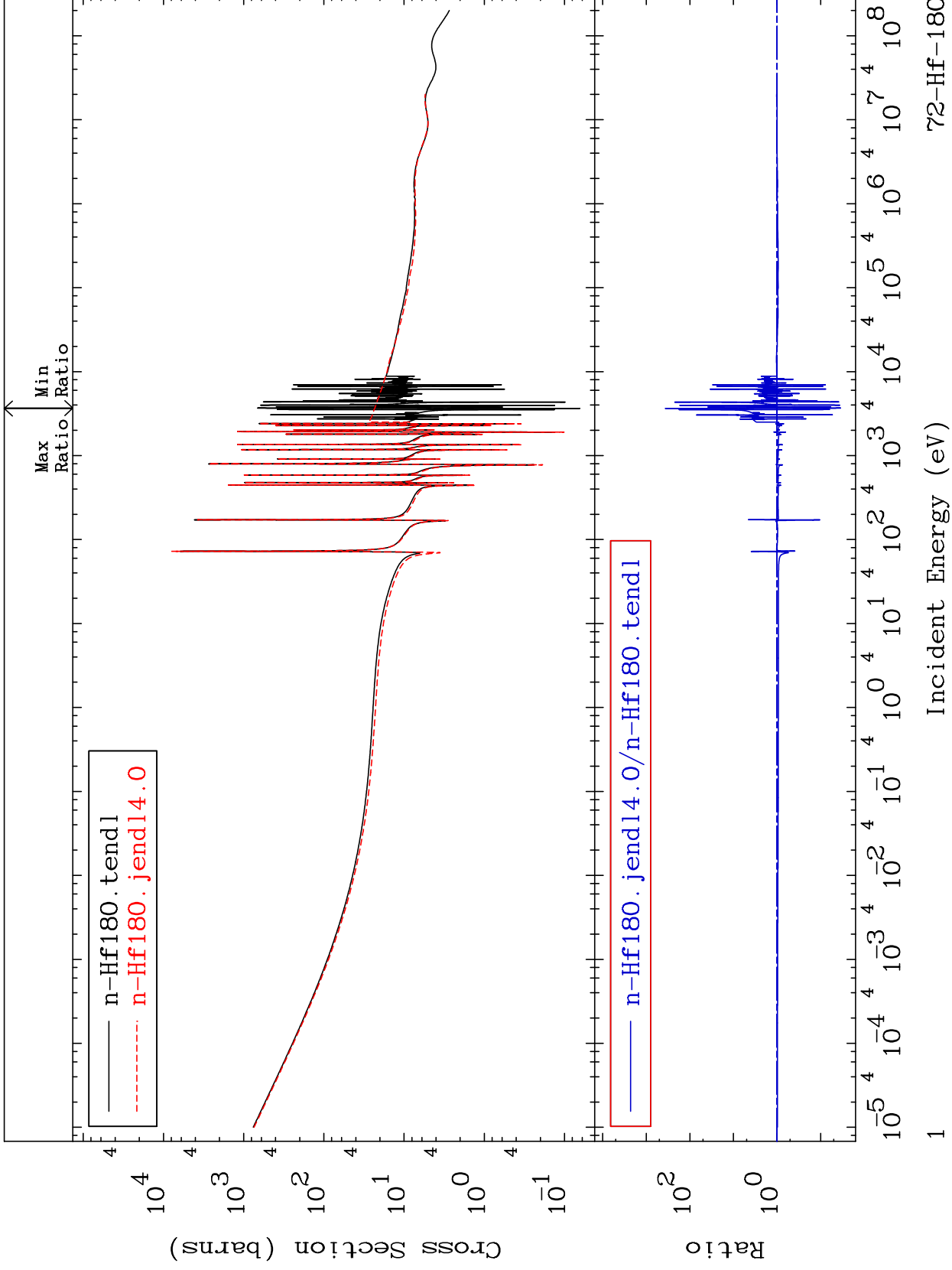


MAT 7243

Total
Cross Section

72-Hf-180
-96.53 To 9999. %



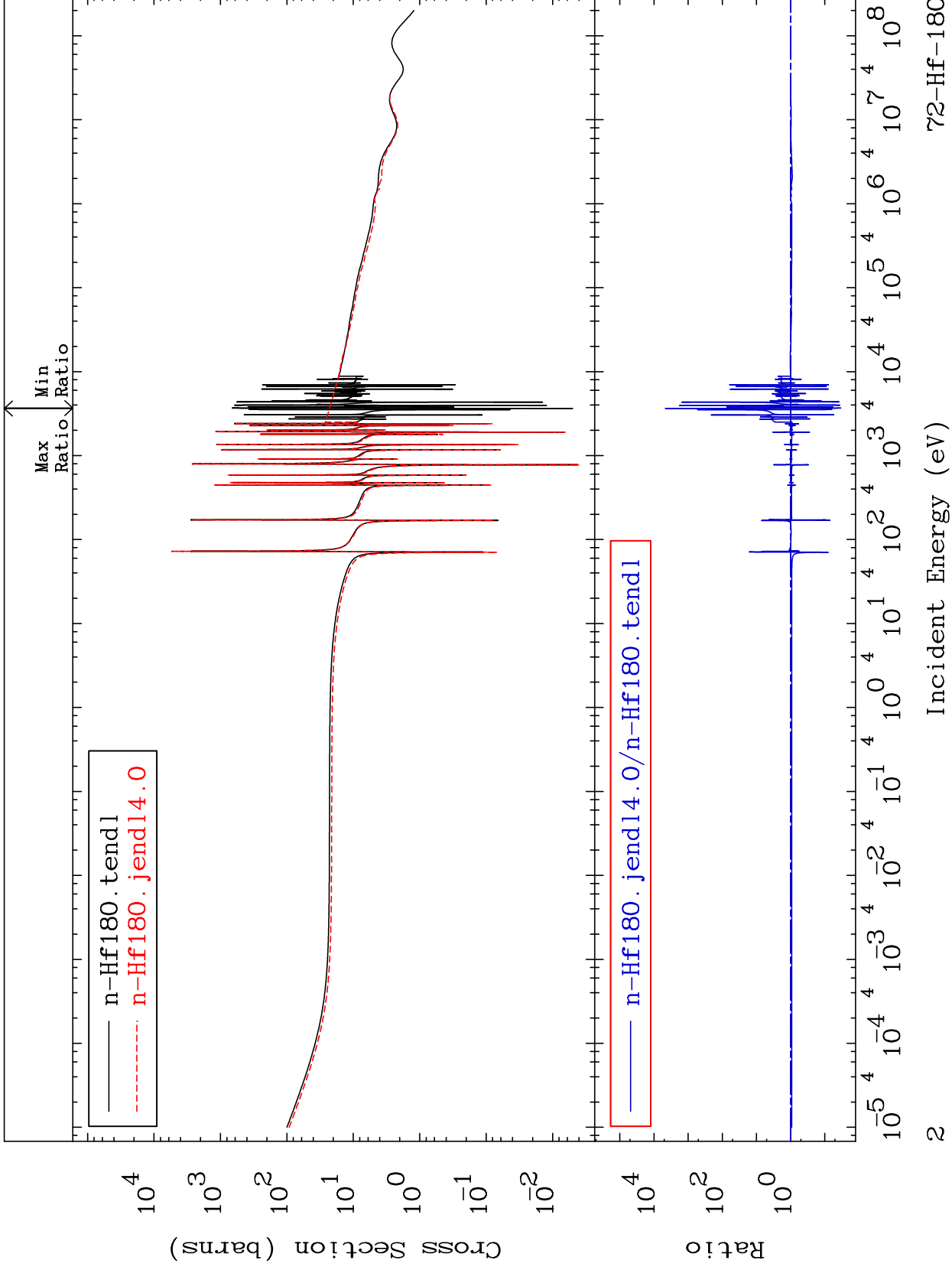
Incident Energy (eV)

72-Hf-180

MAT 7243

Elastic
Cross Section

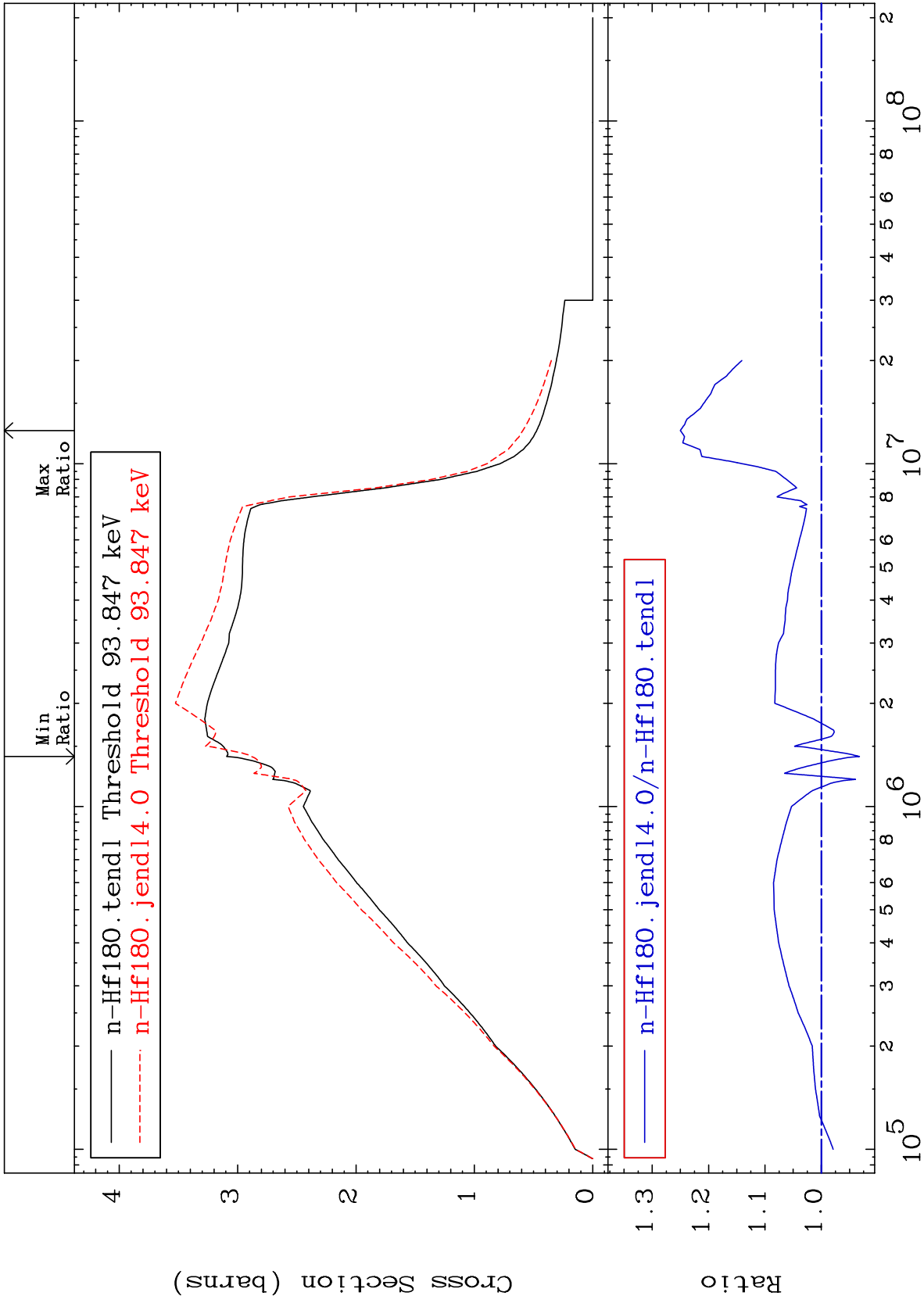
⁷²Hf-180
-96.58 To 9999. %



MAT 7243

Inelastic
Cross Section

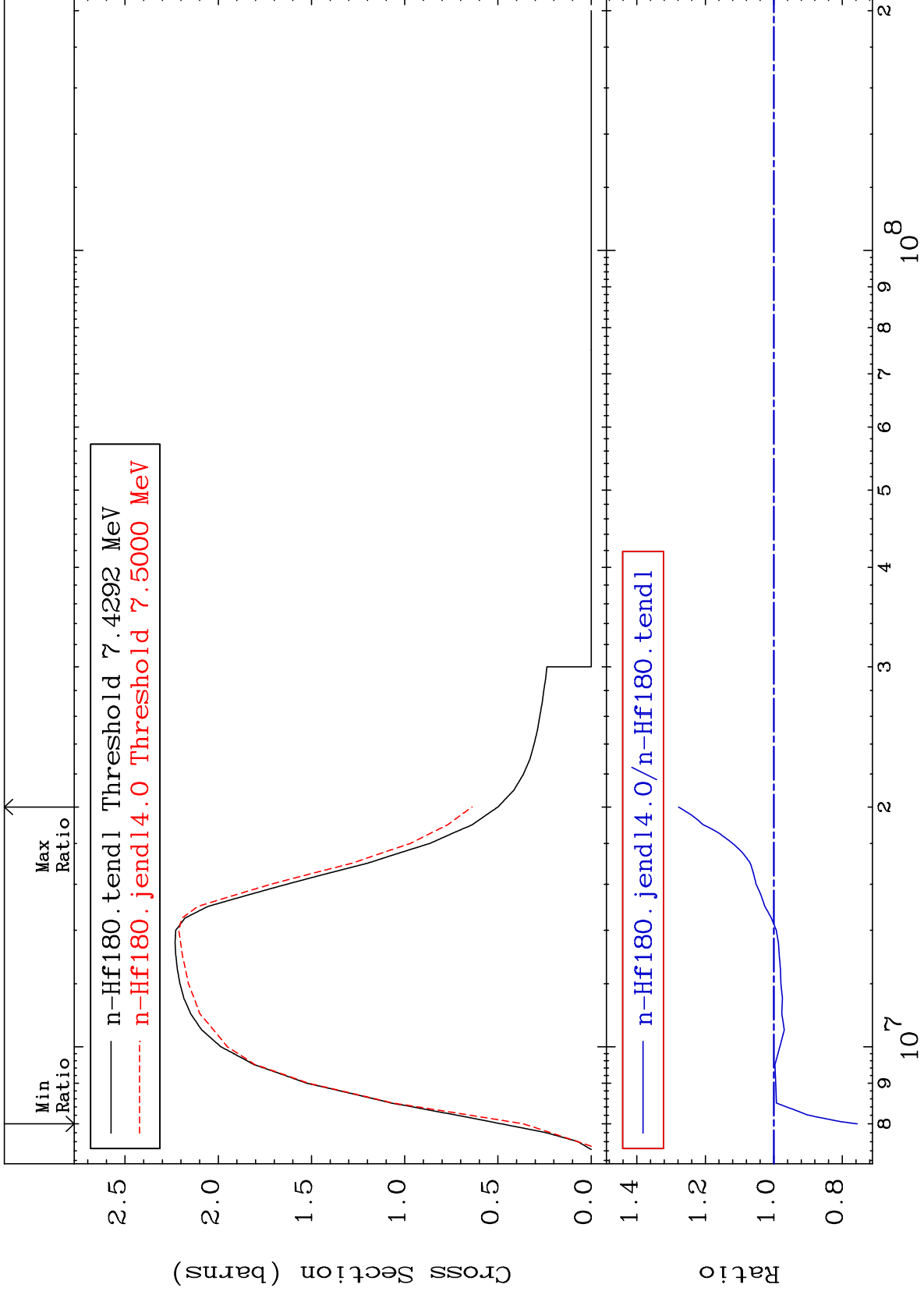
72-Hf-180
-6.757 To 25.00 %

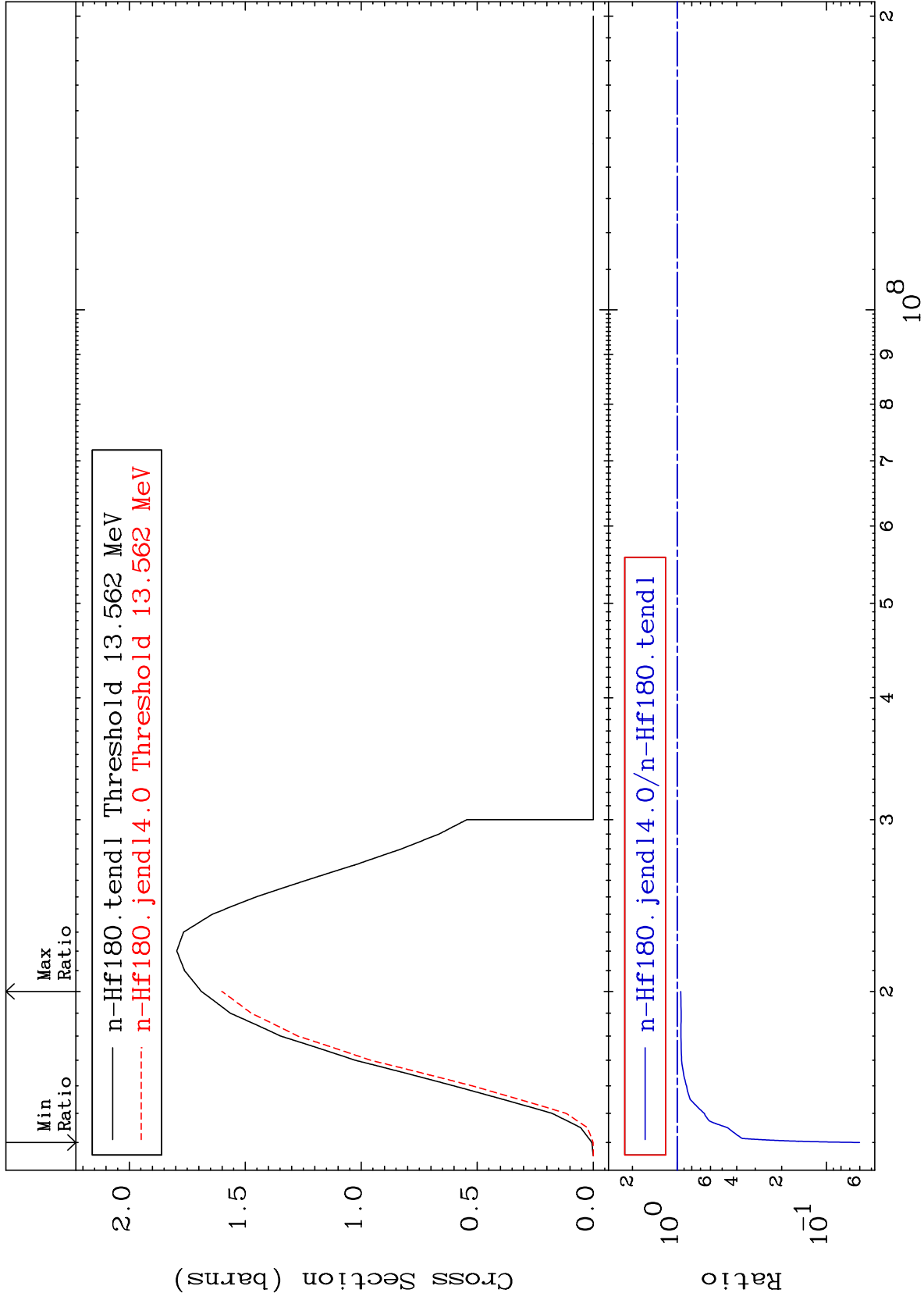


MAT 7243

(n,2n)
Cross Section

72-Hf-180
-24.36 To 27.79 %

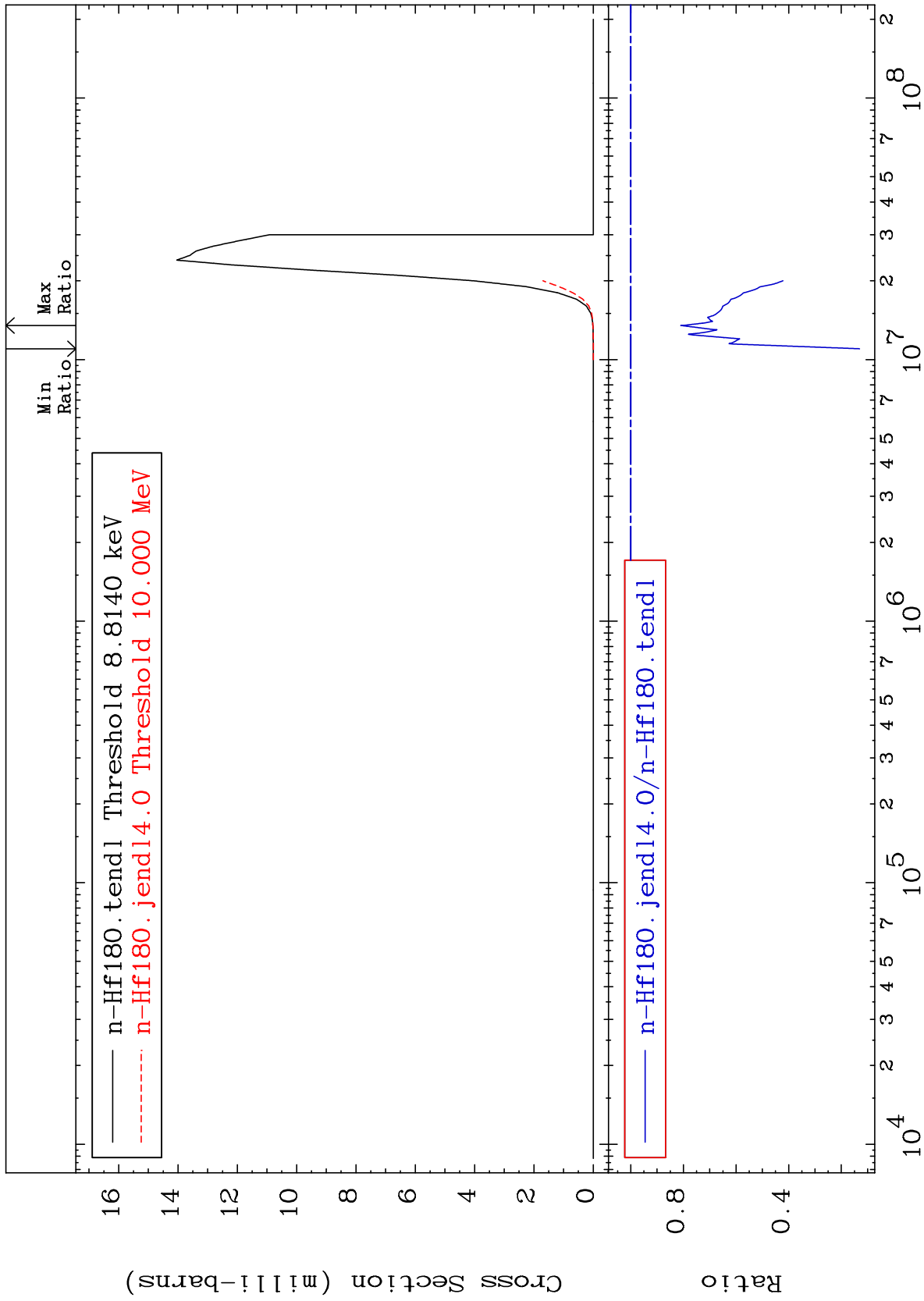




MAT 7243

$(n, n') \alpha$
Cross Section

$^{72}\text{Hf-180}$
-86.92 To -19.00%



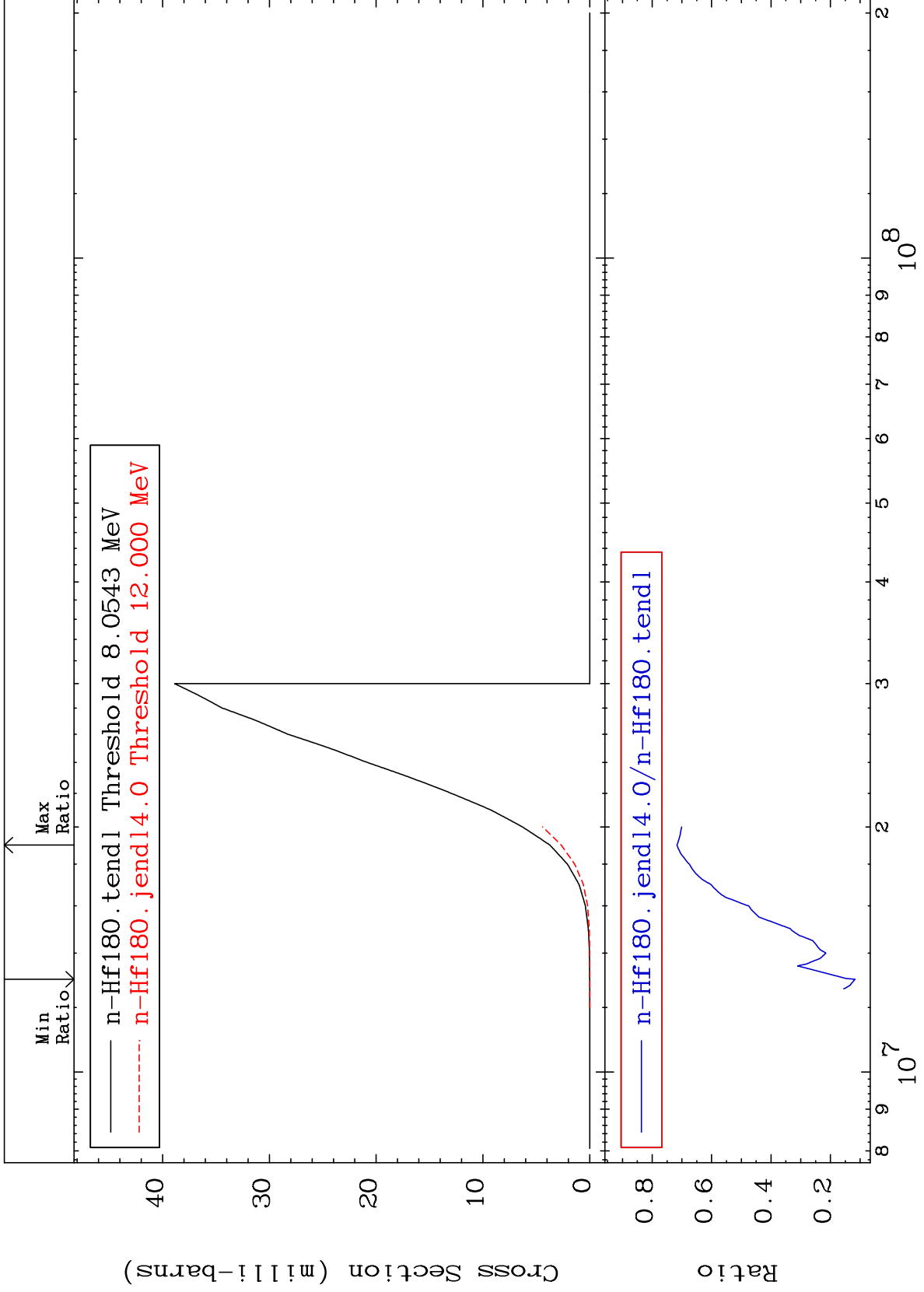
Incident Energy (eV)

$^{72}\text{Hf-180}$

MAT 7243

(n,n') p
Cross Section

72-Hf-180
-88.29 To -28.32%



7

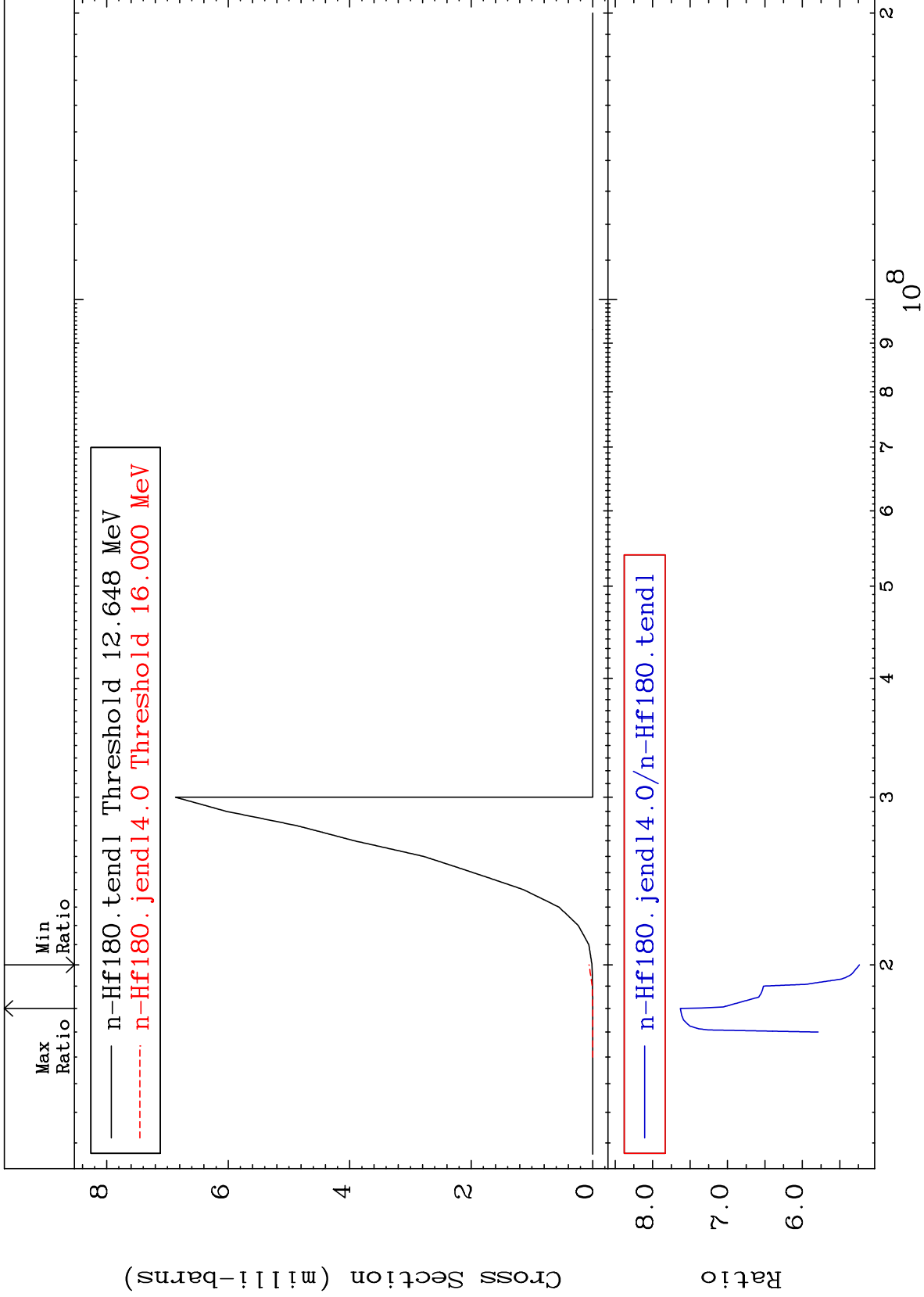
Incident Energy (eV)

72-Hf-180

MAT 7243

(n,n') d
Cross Section

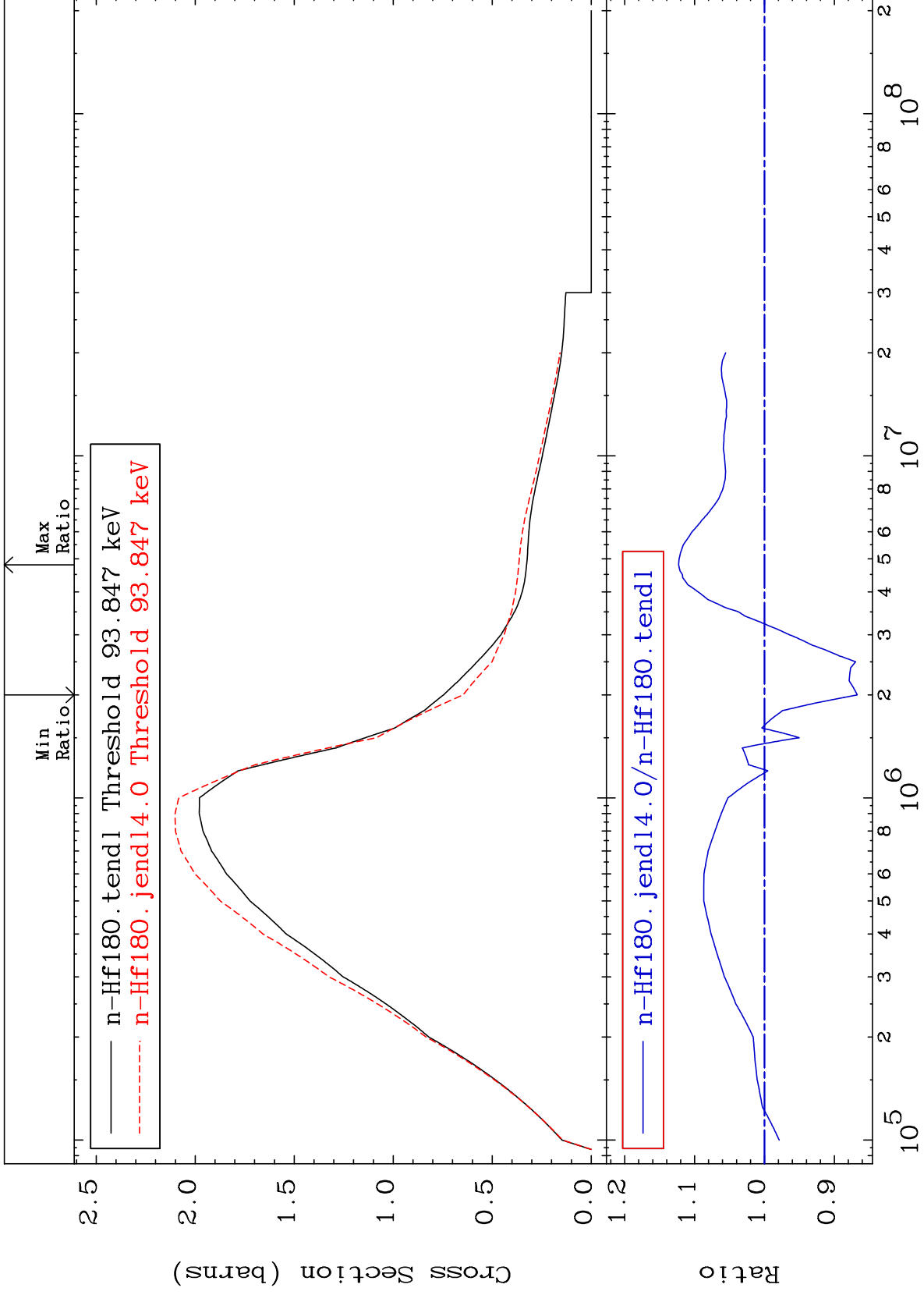
72-Hf-180
423.7 To 662.9 %



MAT 7243

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

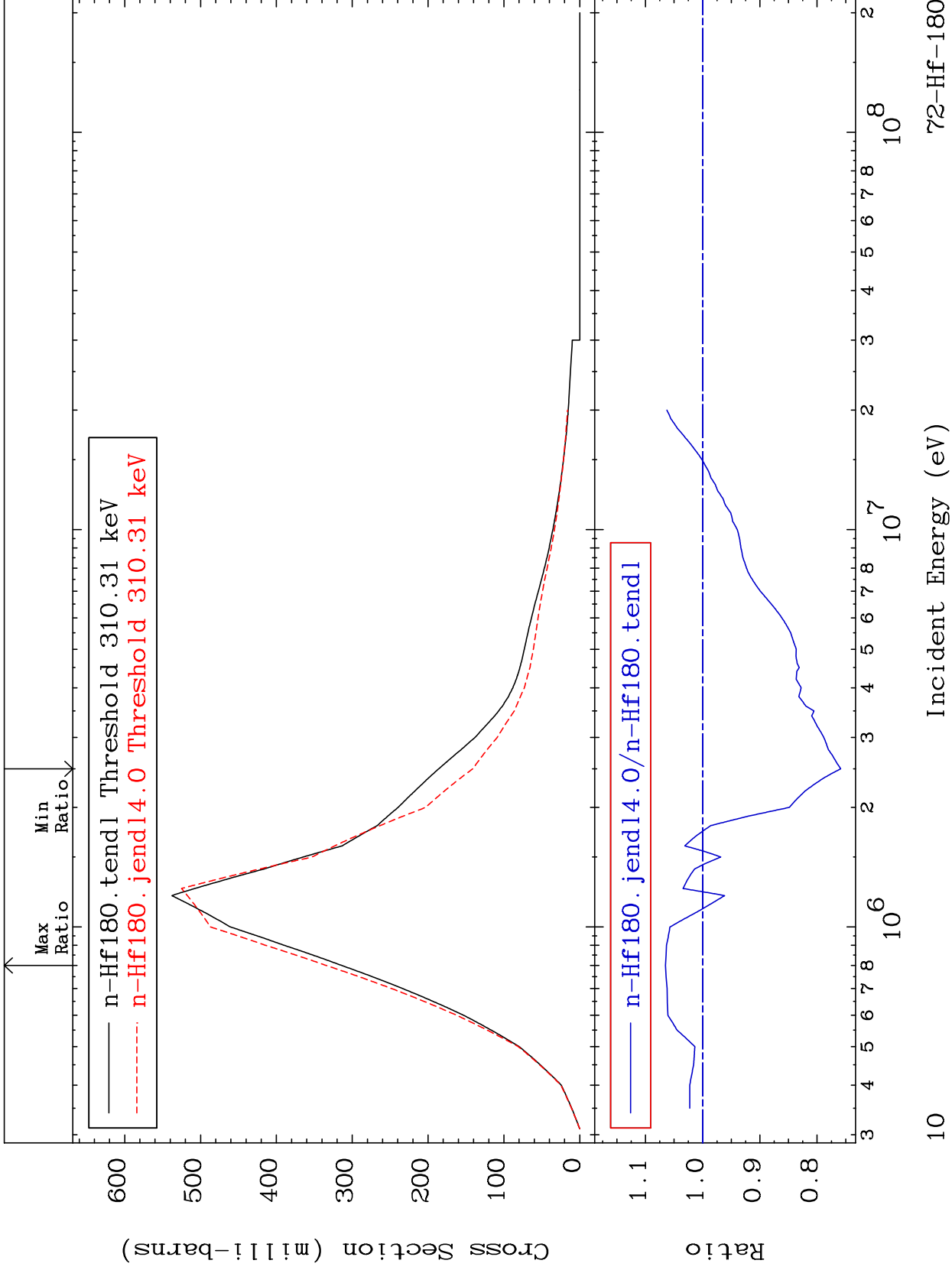
72-Hf-180
-13.28 To 12.29 %



MAT 7243

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

72-Hf-180
-24.12 To 6.503 %



10

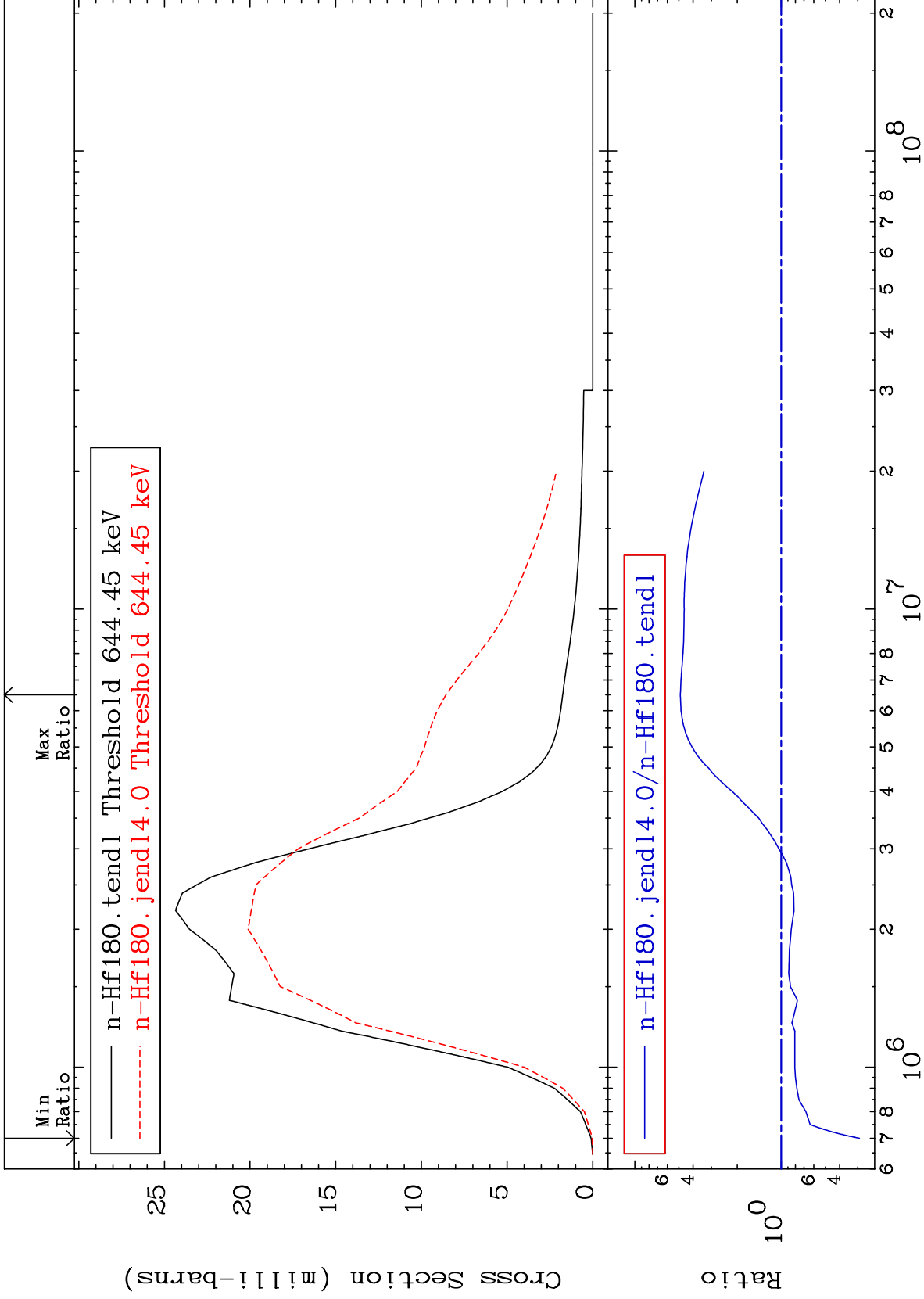
Incident Energy (eV)

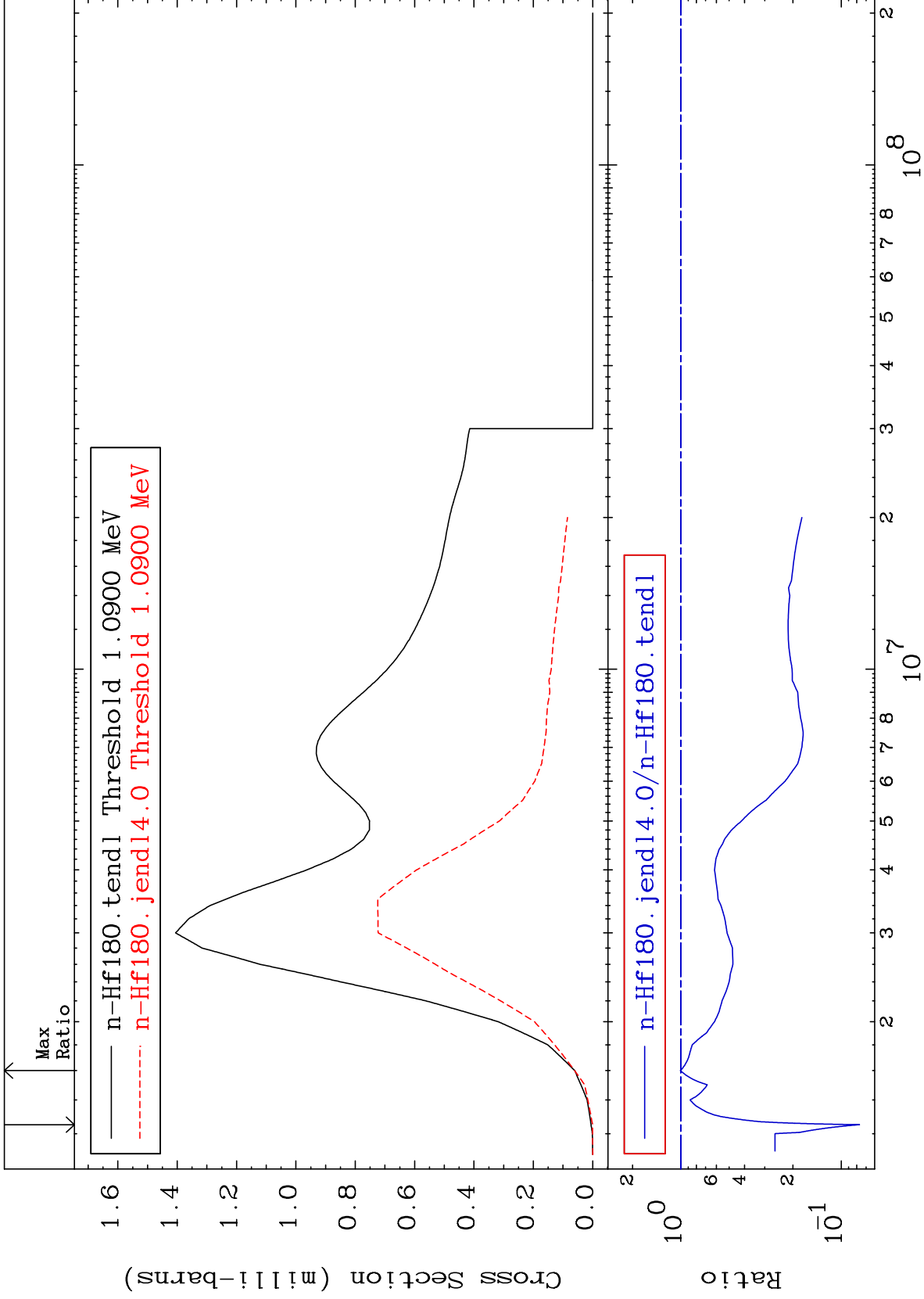
72-Hf-180

MAT 7243

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

72-Hf-180
-70.73 To 388.9 %

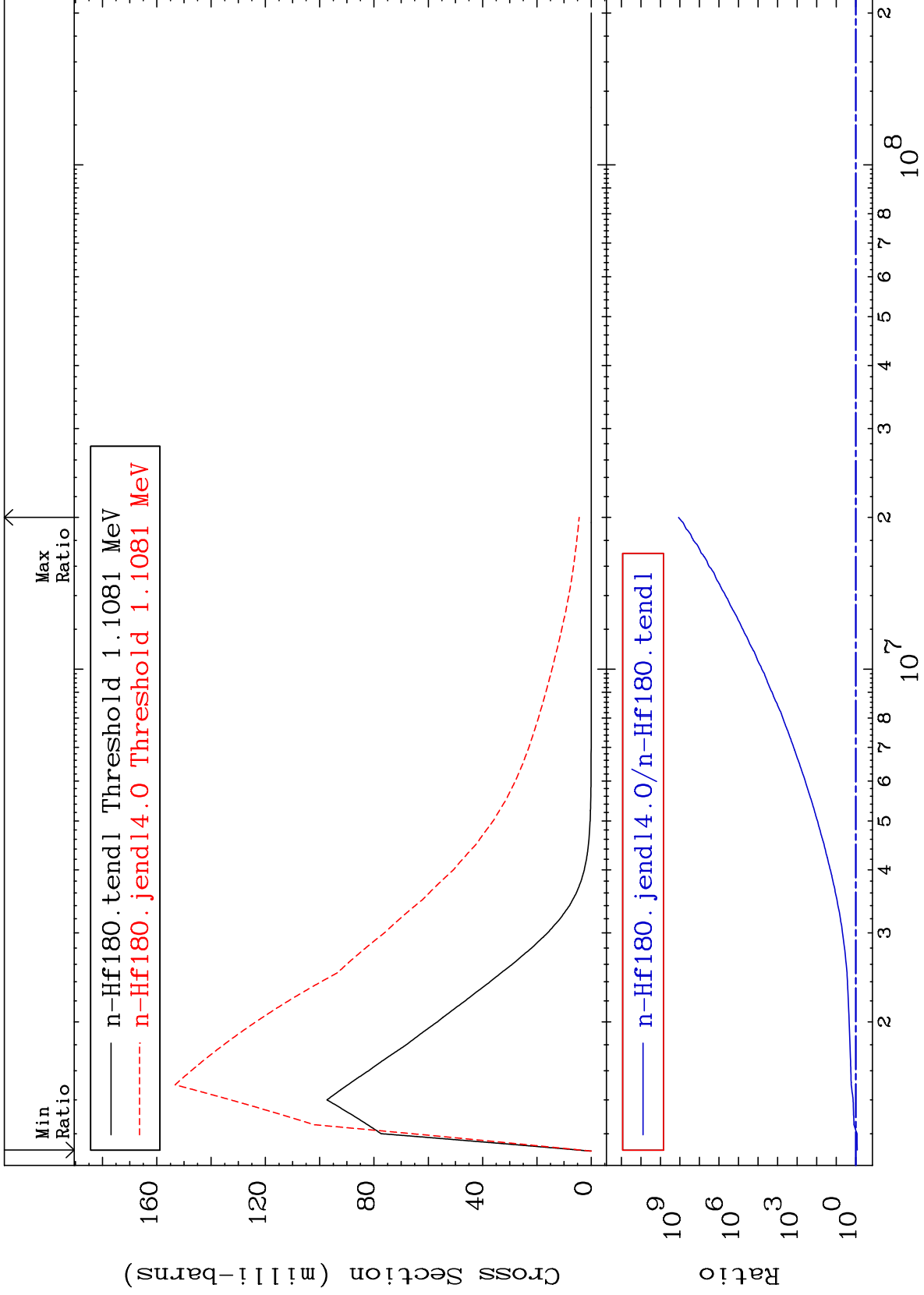




MAT 7243

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

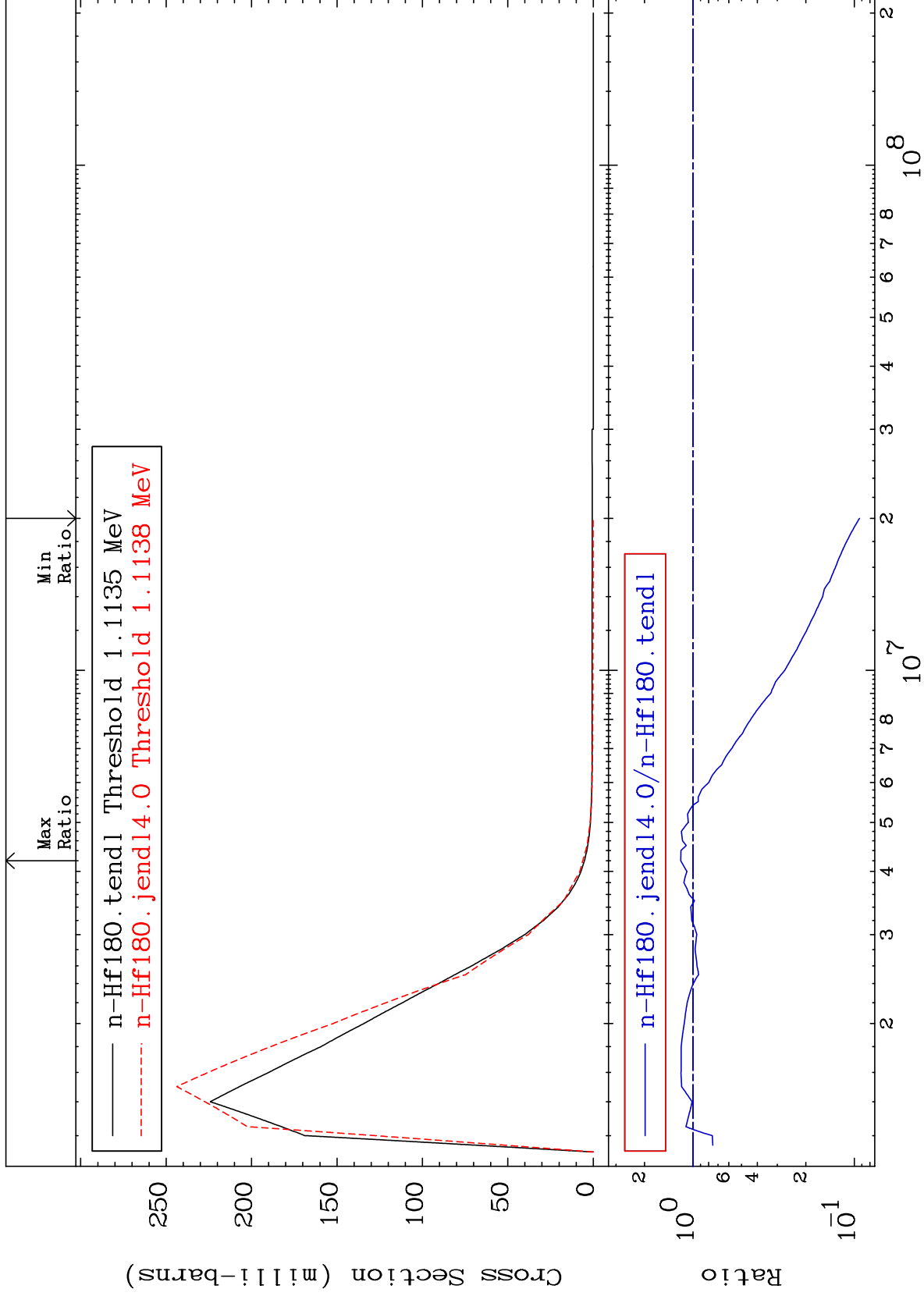
72-Hf-180
-16.03 To 9999. %



MAT 7243

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

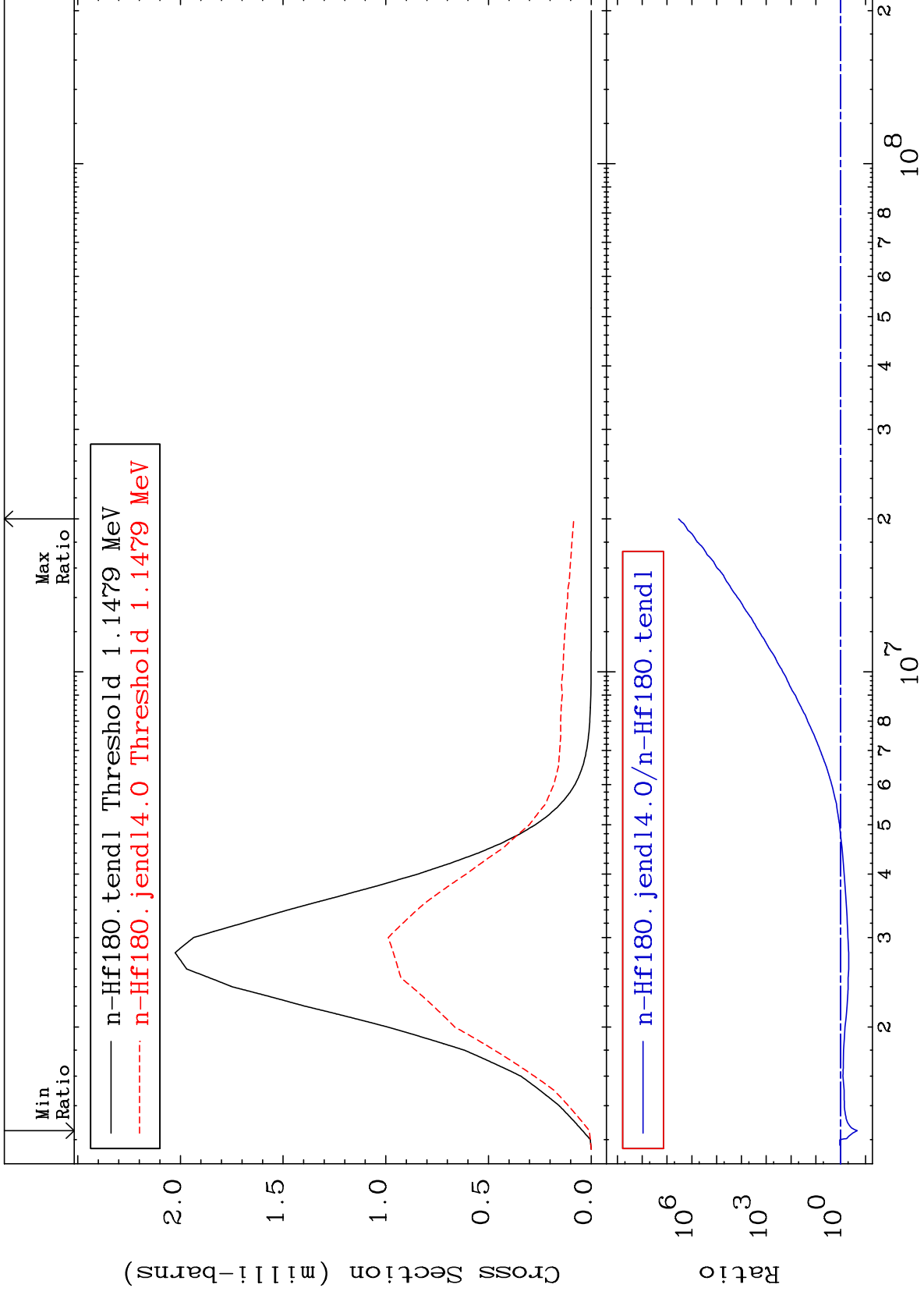
72-Hf-180
-90.71 To 19.14 %



MAT 7243

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

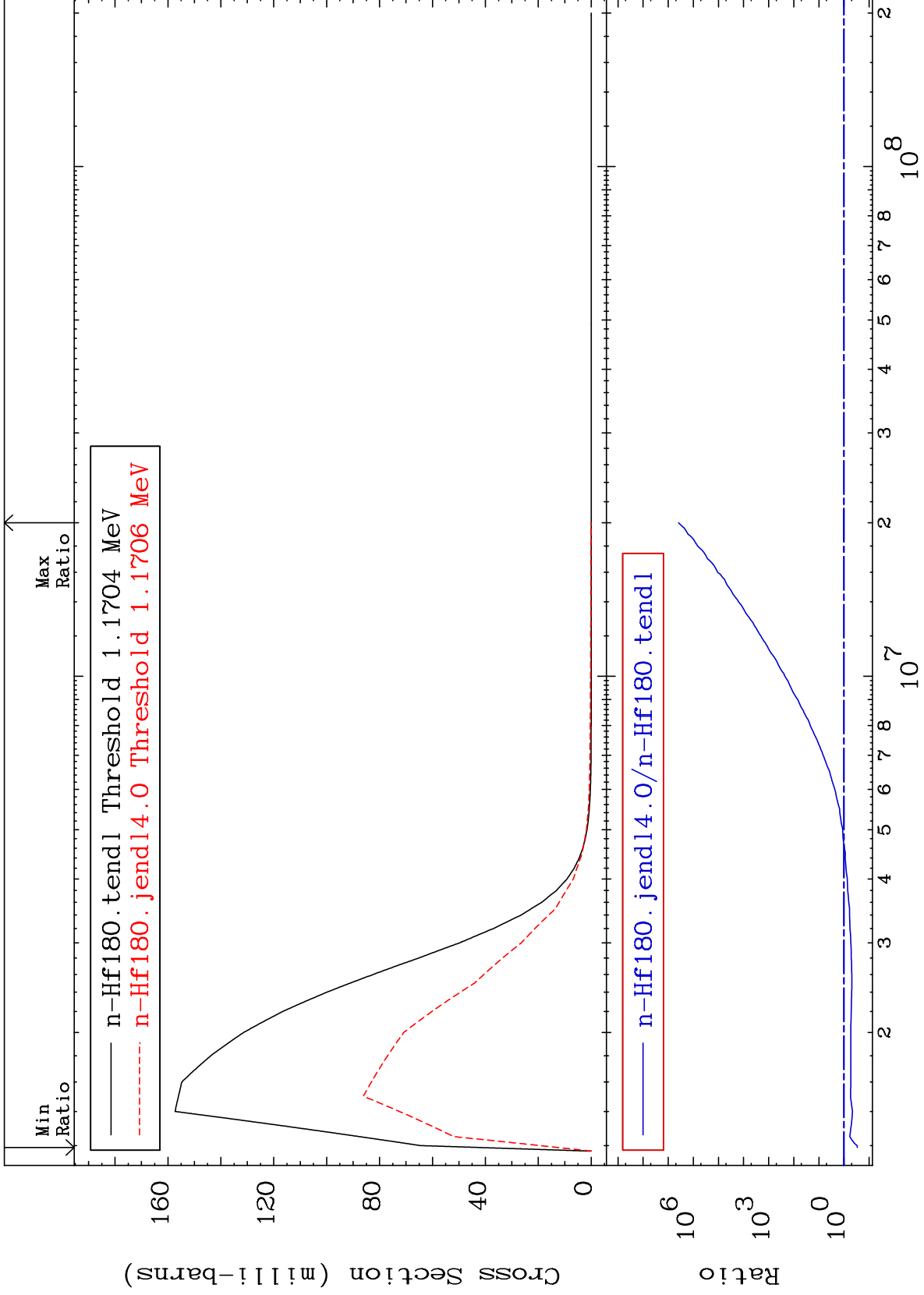
72-Hf-180
-78.55 To 9999. %



MAT 7243

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

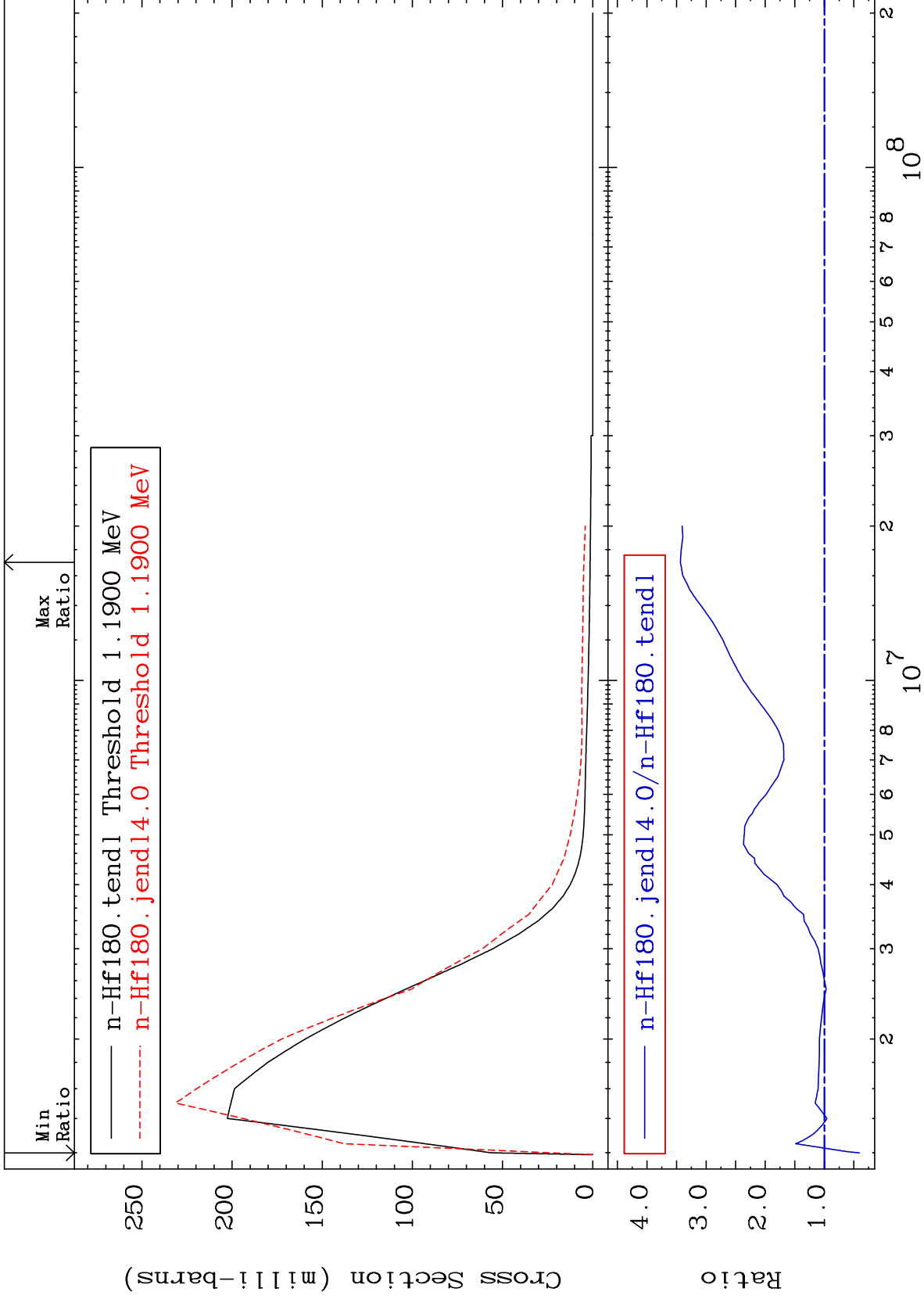
72-Hf-180
-70.27 To 9999. %



MAT 7243

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

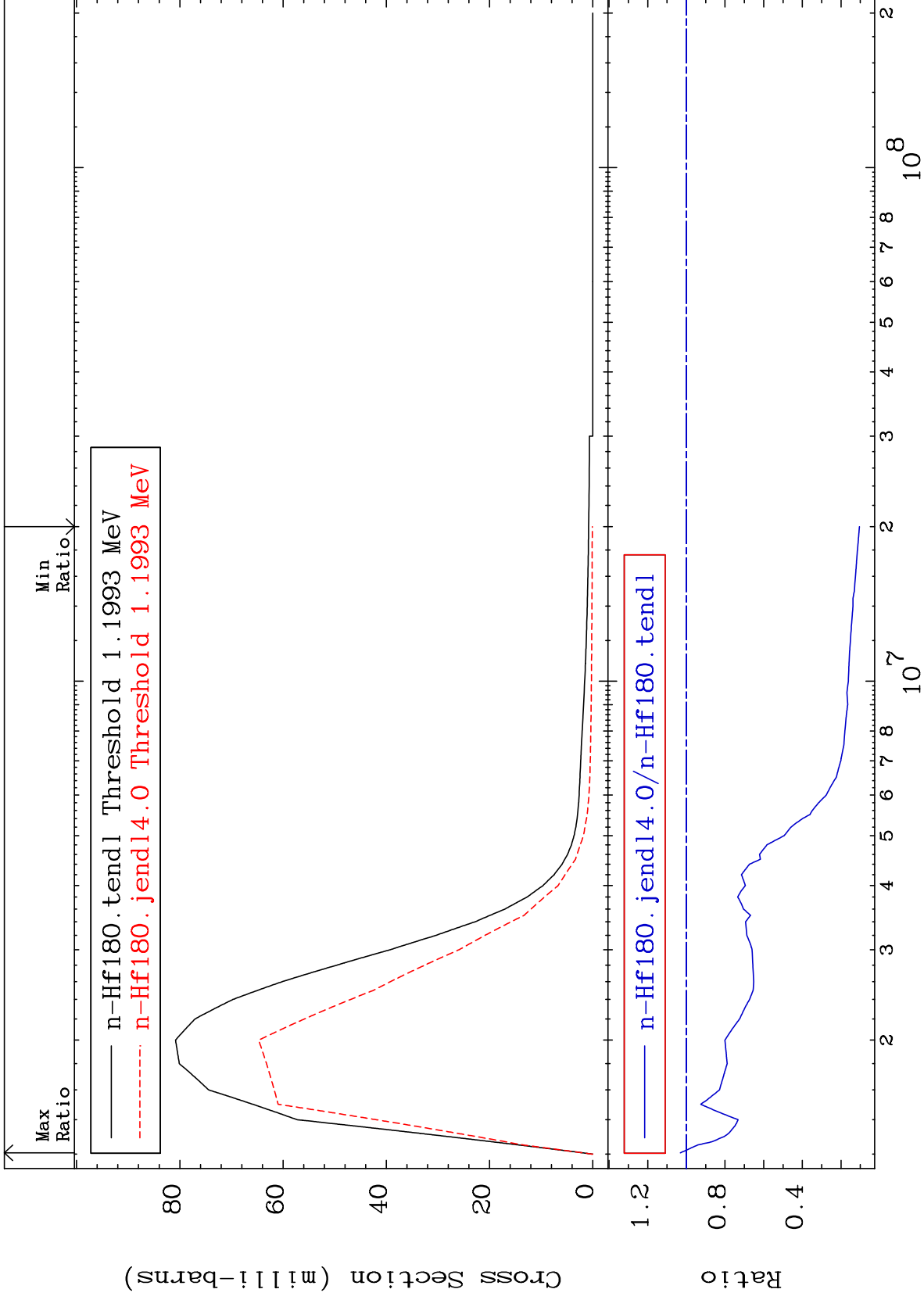
72-Hf-180
-59.35 To 243.5 %



MAT 7243

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

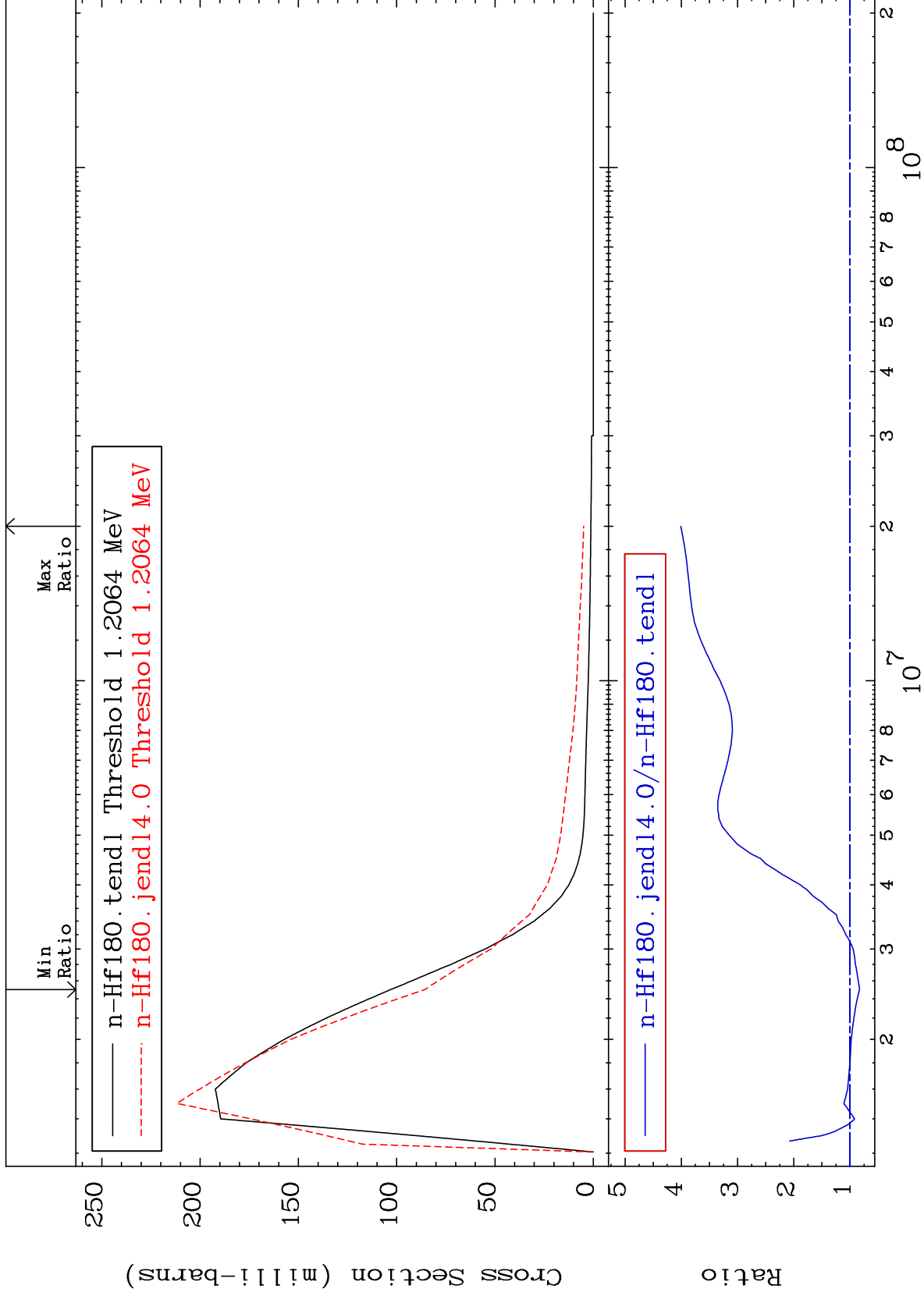
72-Hf-180
-89.54 To 3.117 %



MAT 7243

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

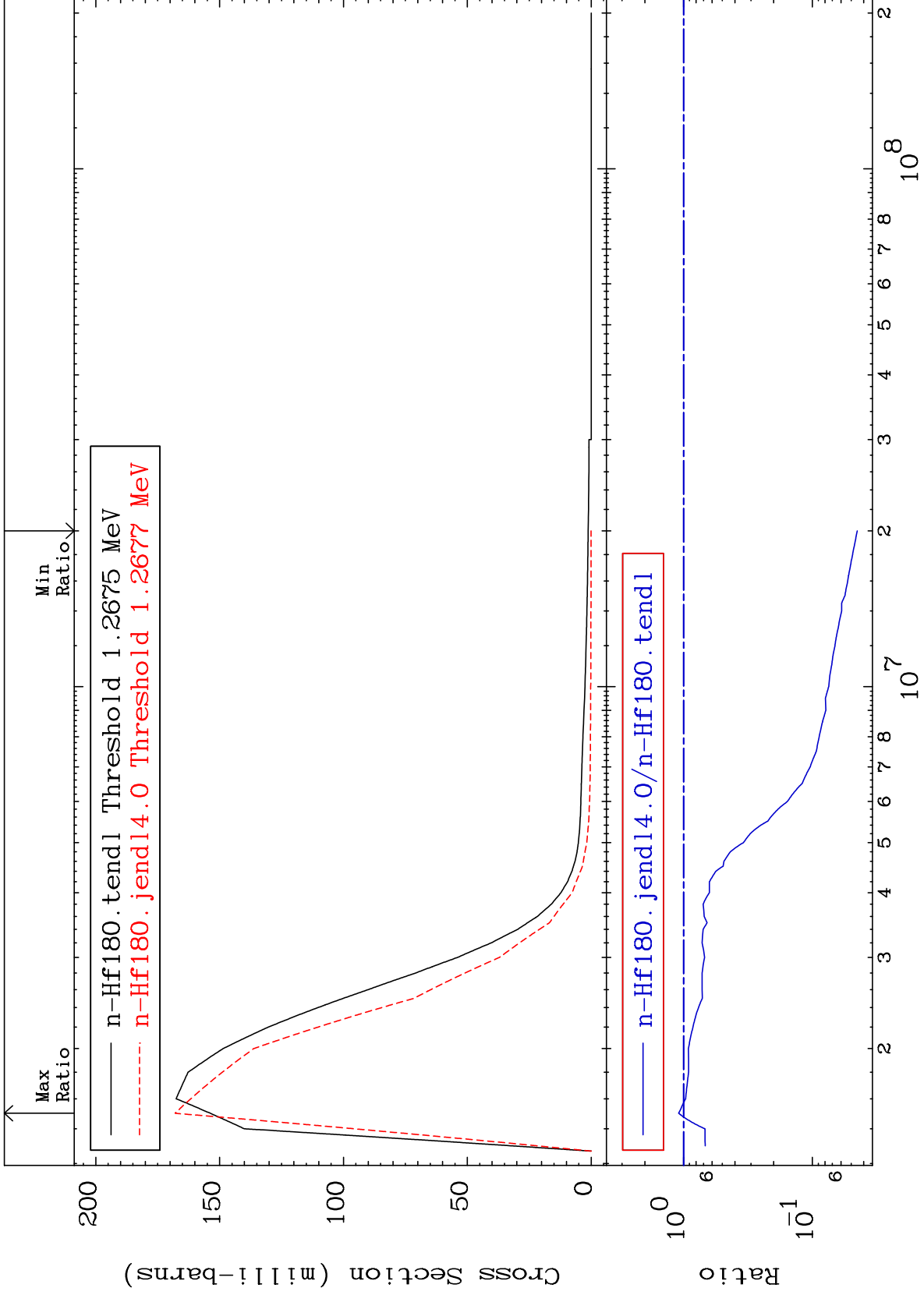
72-Hf-180
-16.86 To 300.9 %



MAT 7243

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

72-Hf-180
-95.51 To 9.244 %



20

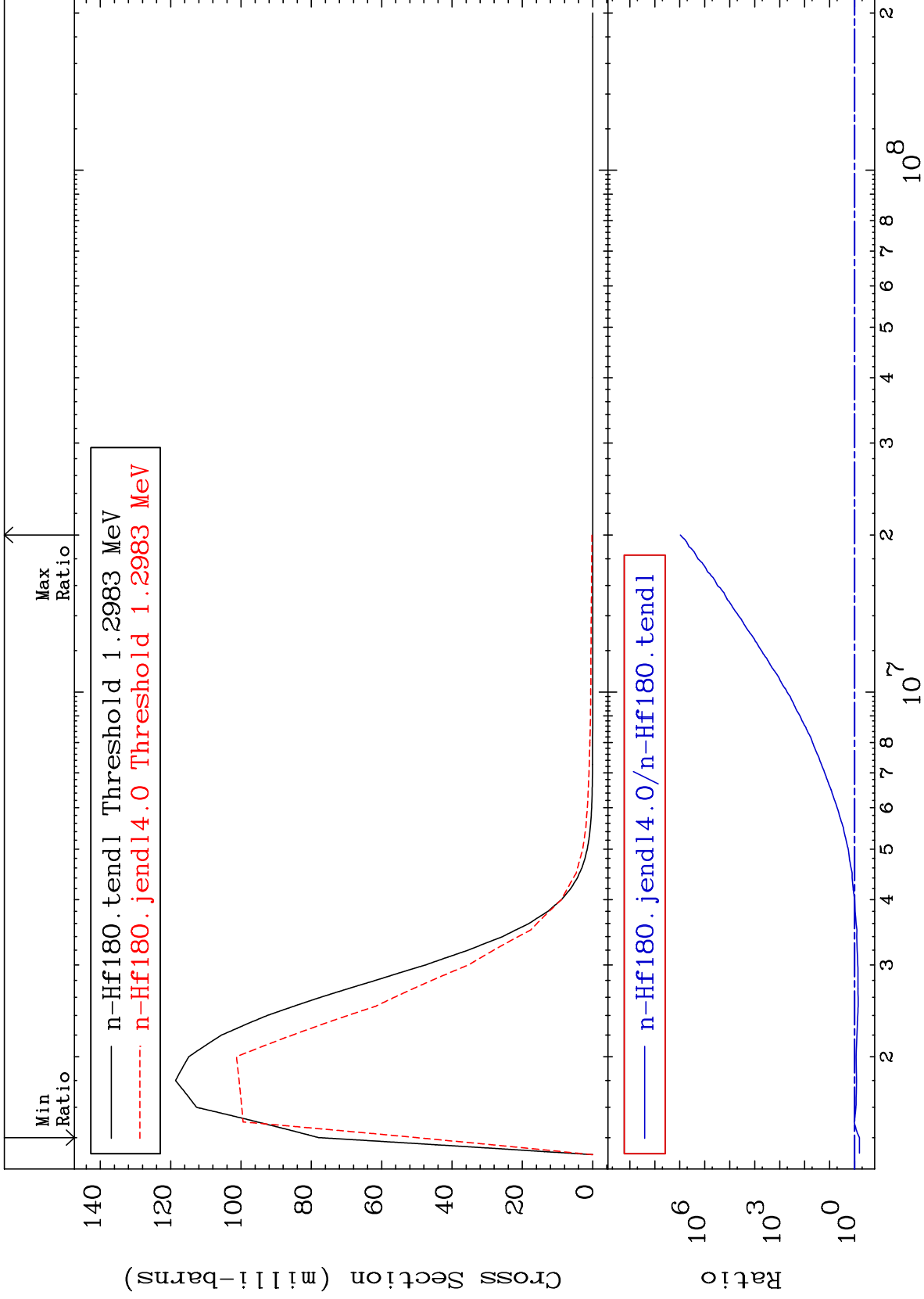
Incident Energy (eV)

72-Hf-180

MAT 7243

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

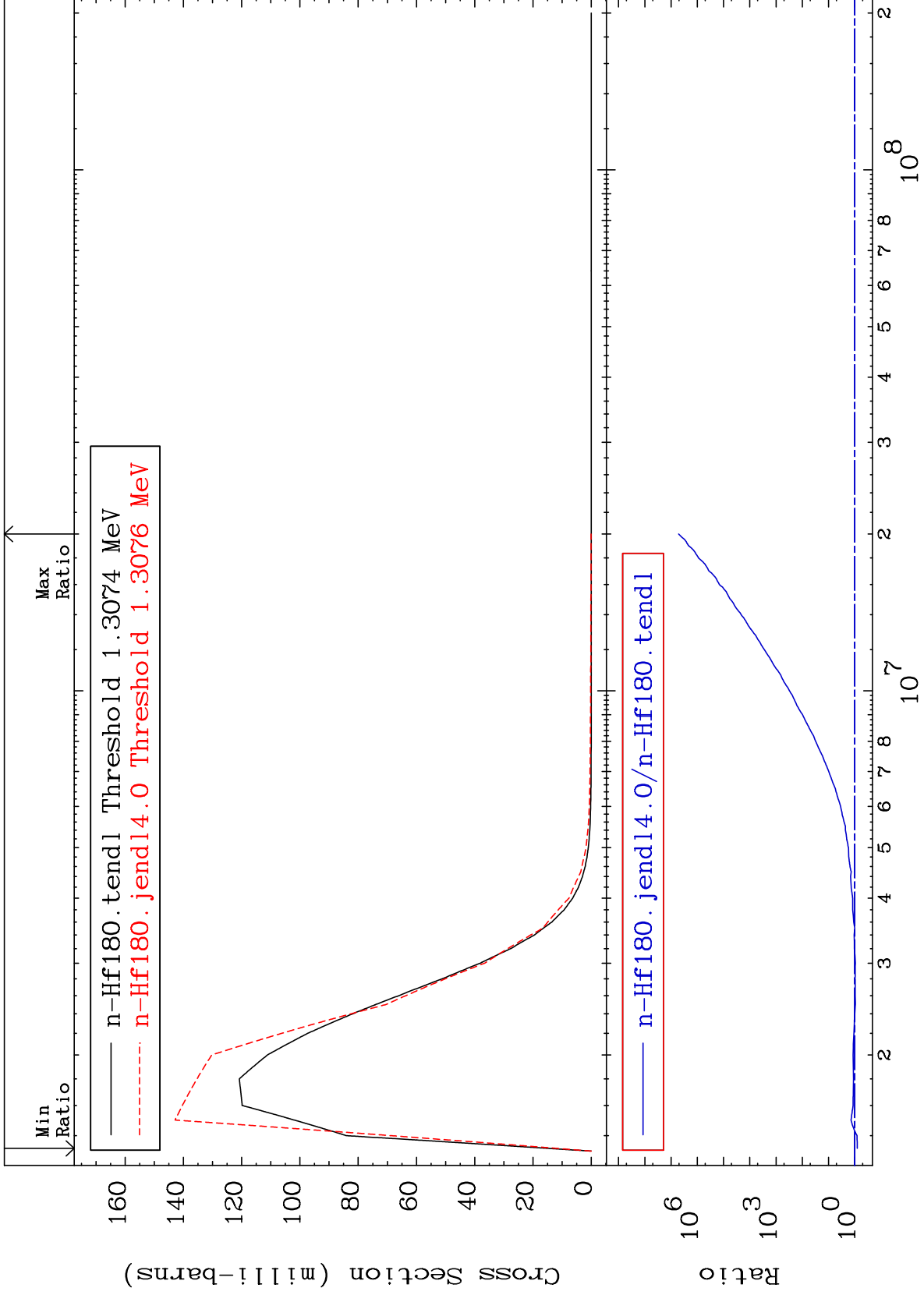
72-Hf-180
-35.69 To 9999. %

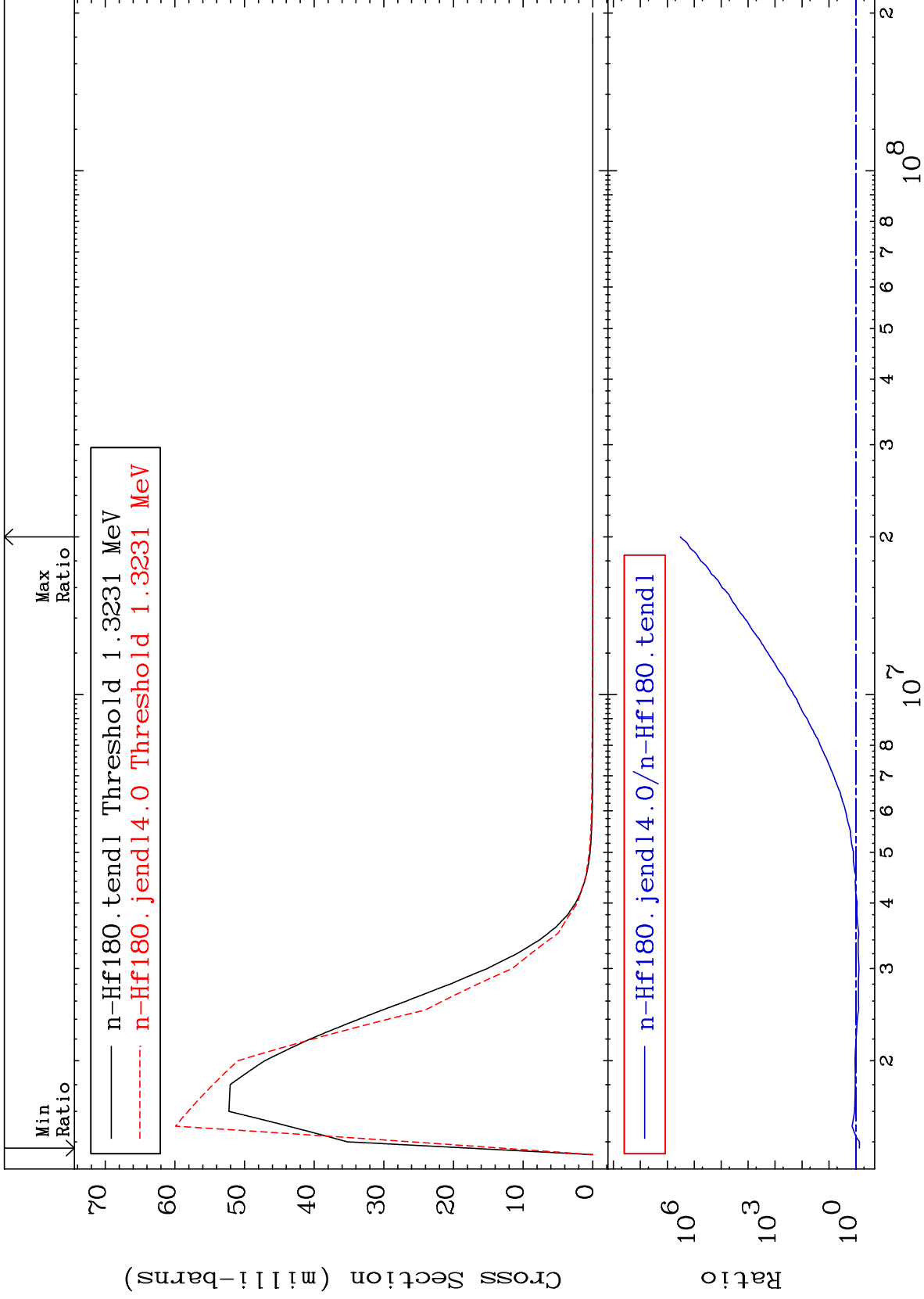


MAT 7243

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

72-Hf-180
-19.20 To 9999. %

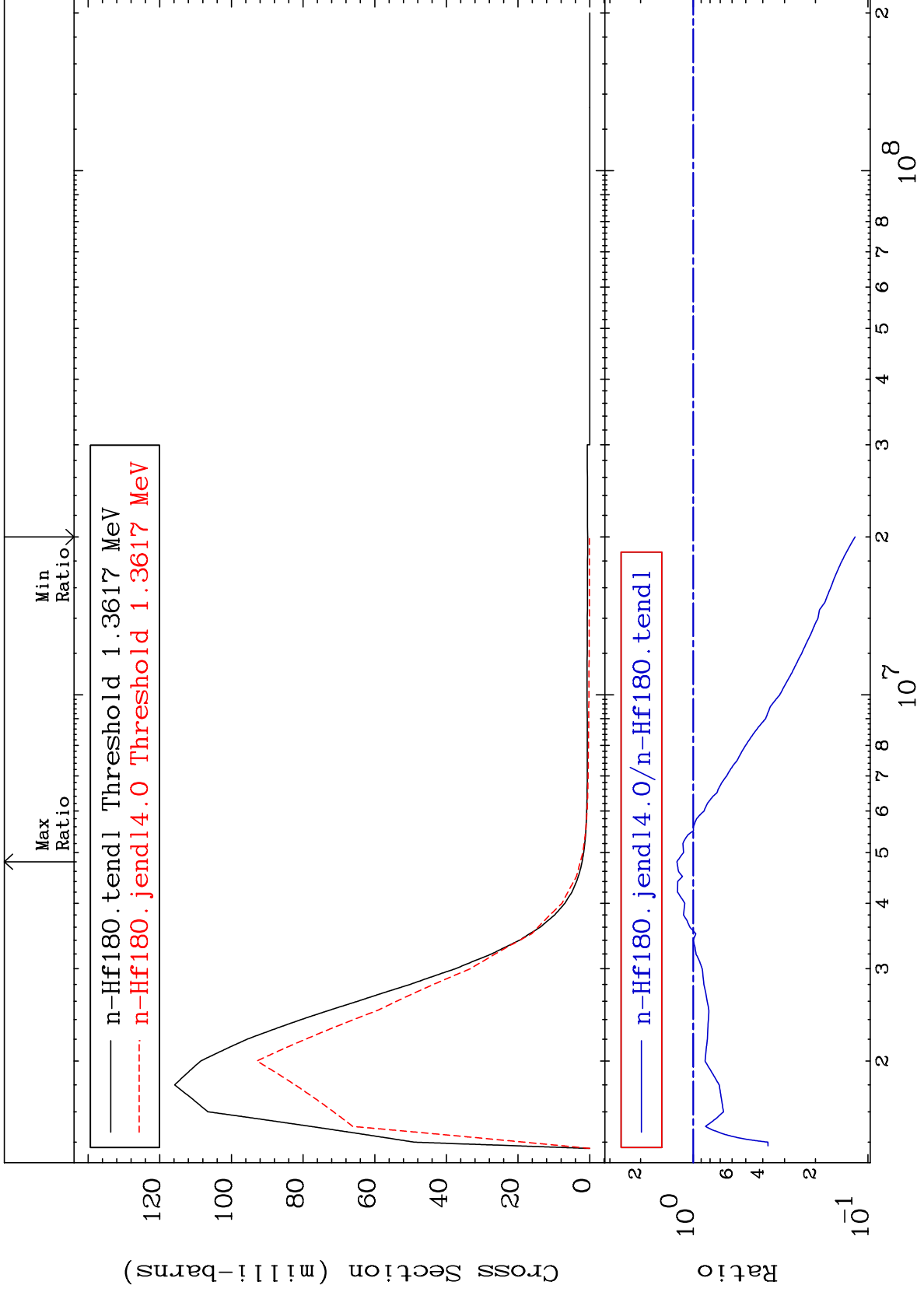




MAT 7243

MT= 66 (n,n') Level
Cross Section

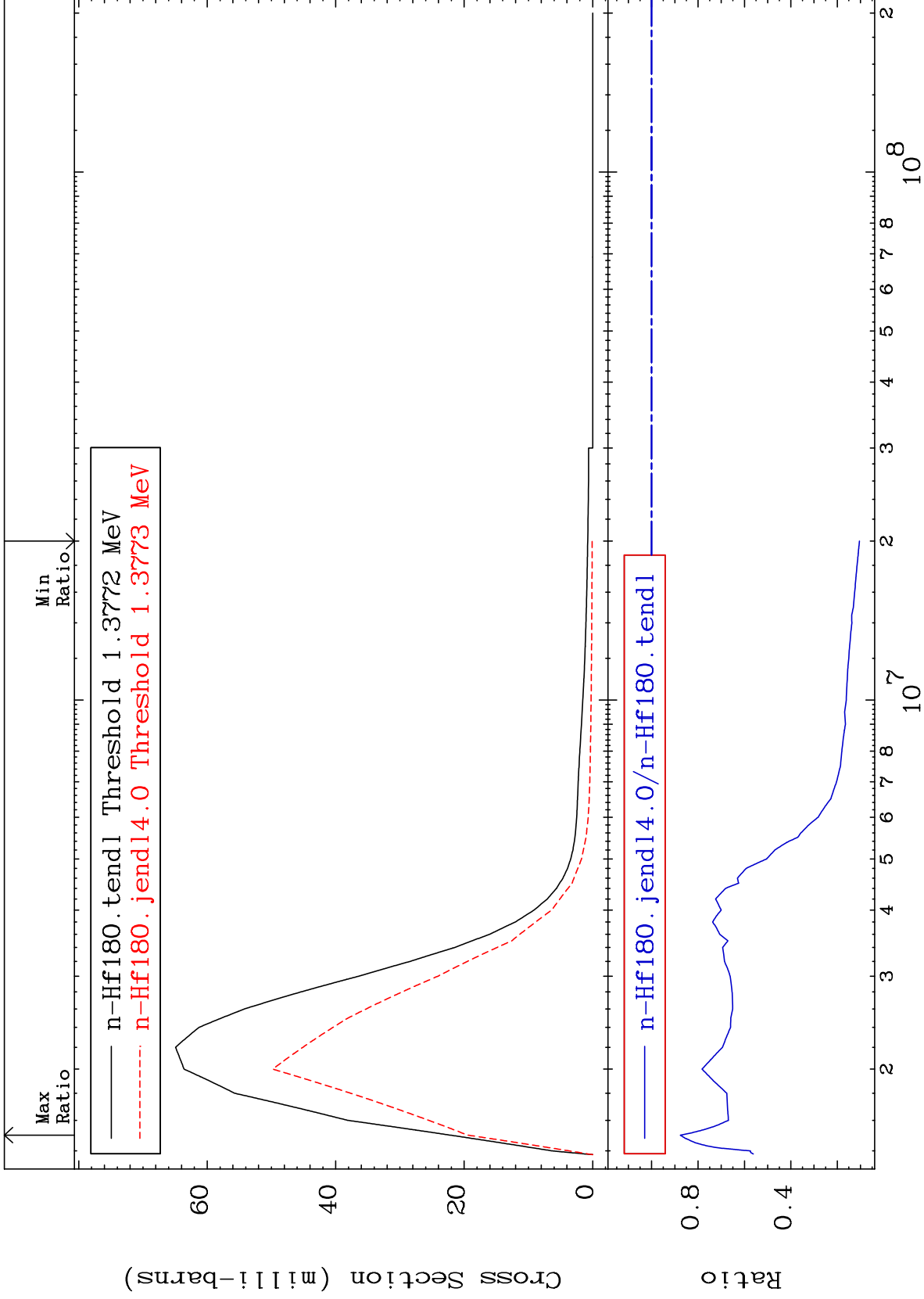
72-Hf-180
-88.15 To 23.87 %



MAT 7243

MT= 67 (n, n') Level
Cross Section

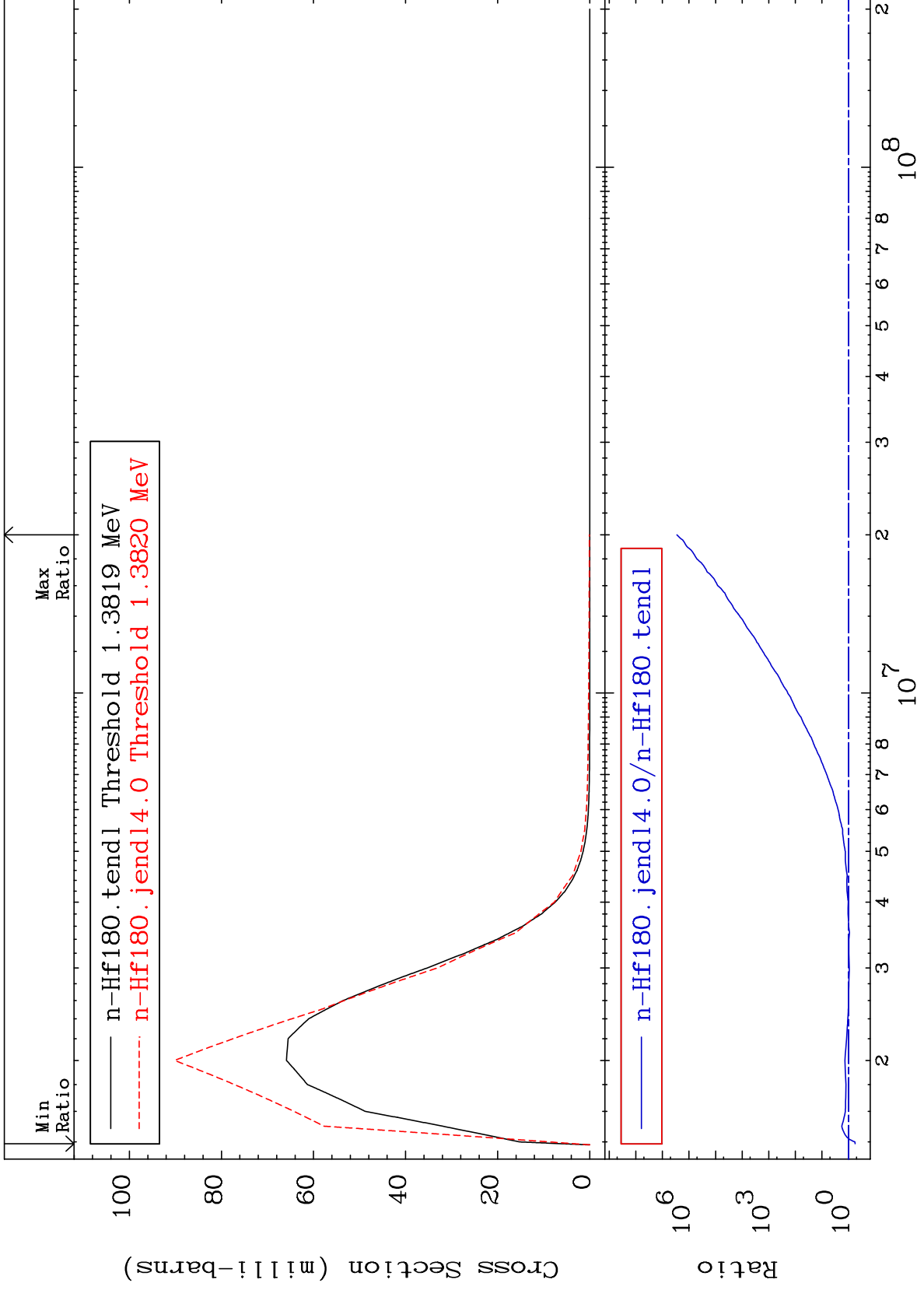
72-Hf-180
-89.54 To -12.39%

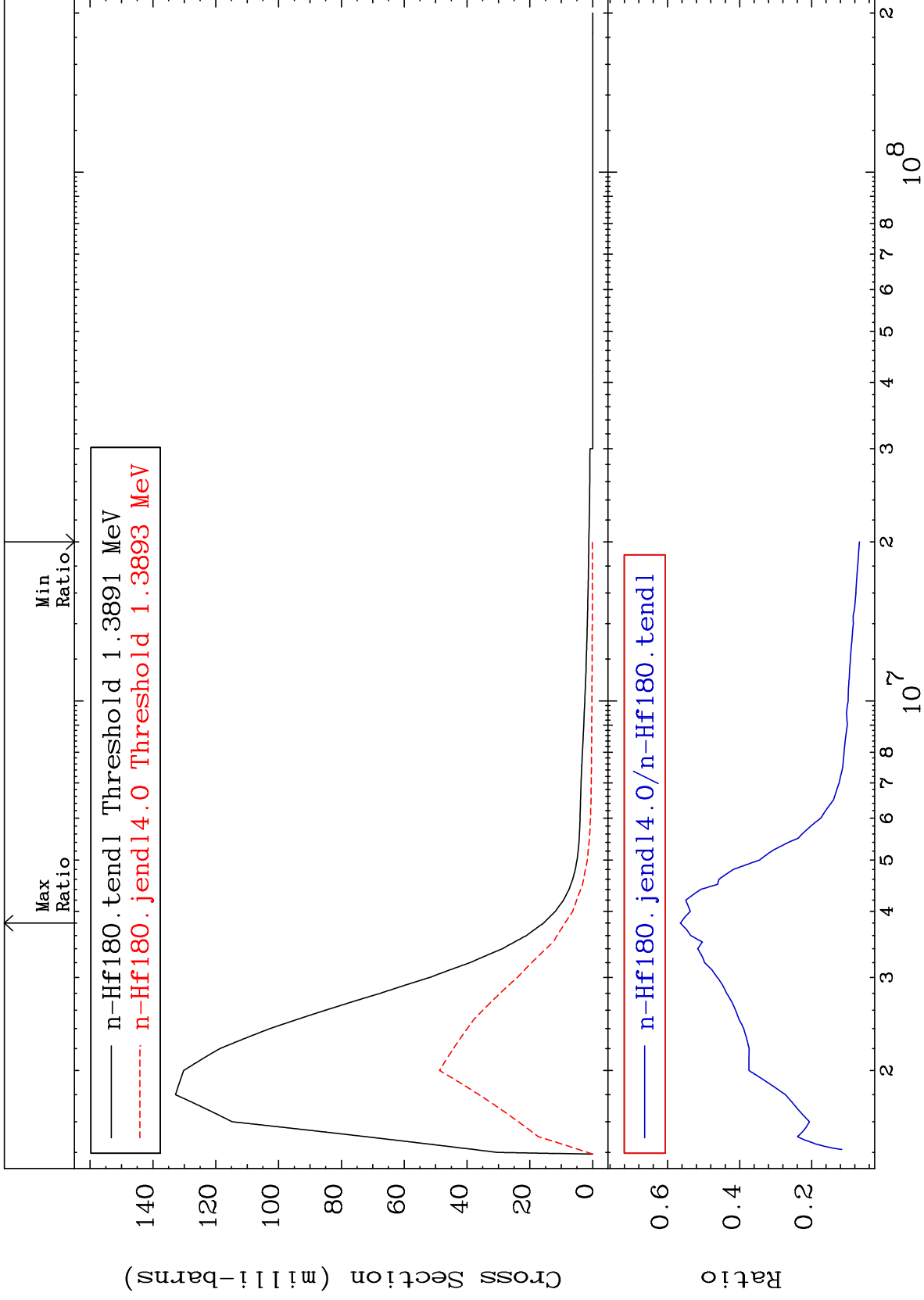


MAT 7243

MT= 68 (n,n') Level
Cross Section

72-Hf-180
-43.21 To 9999. %

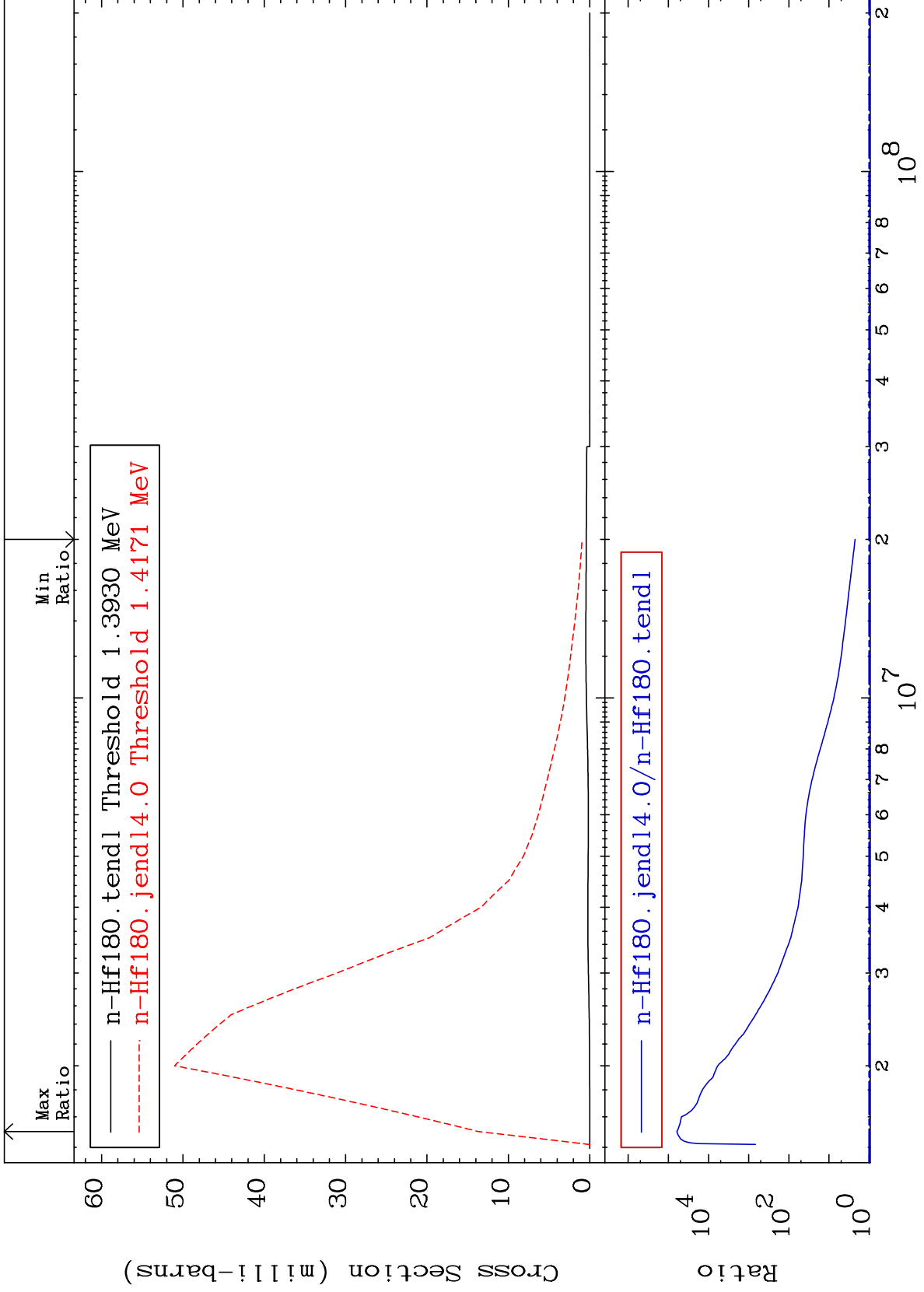




MAT 7243

MT= 70 (n,n') Level
Cross Section

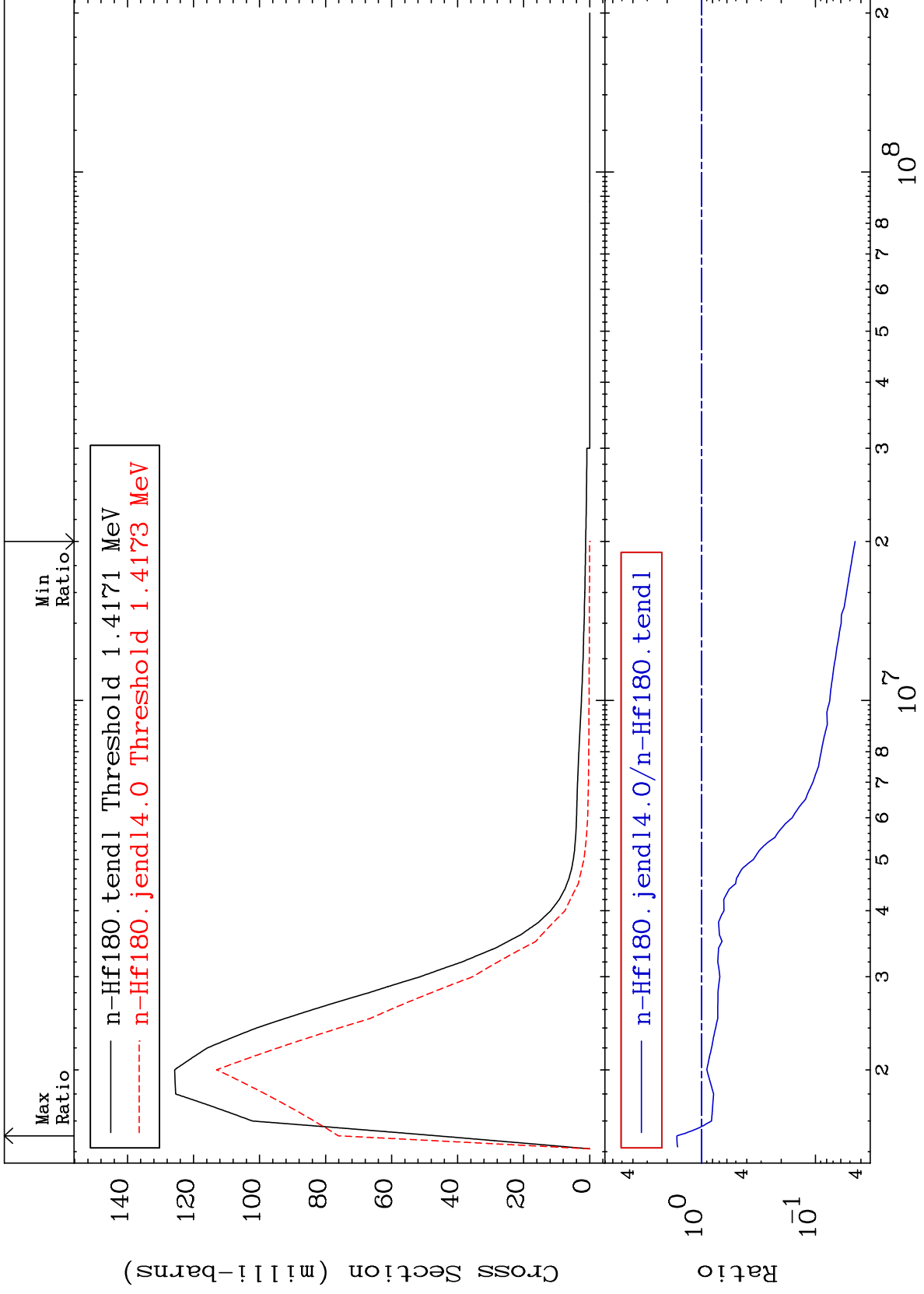
72-Hf-180
124.1 To 9999. %



MAT 7243

MT= 71 (n, n') Level
Cross Section

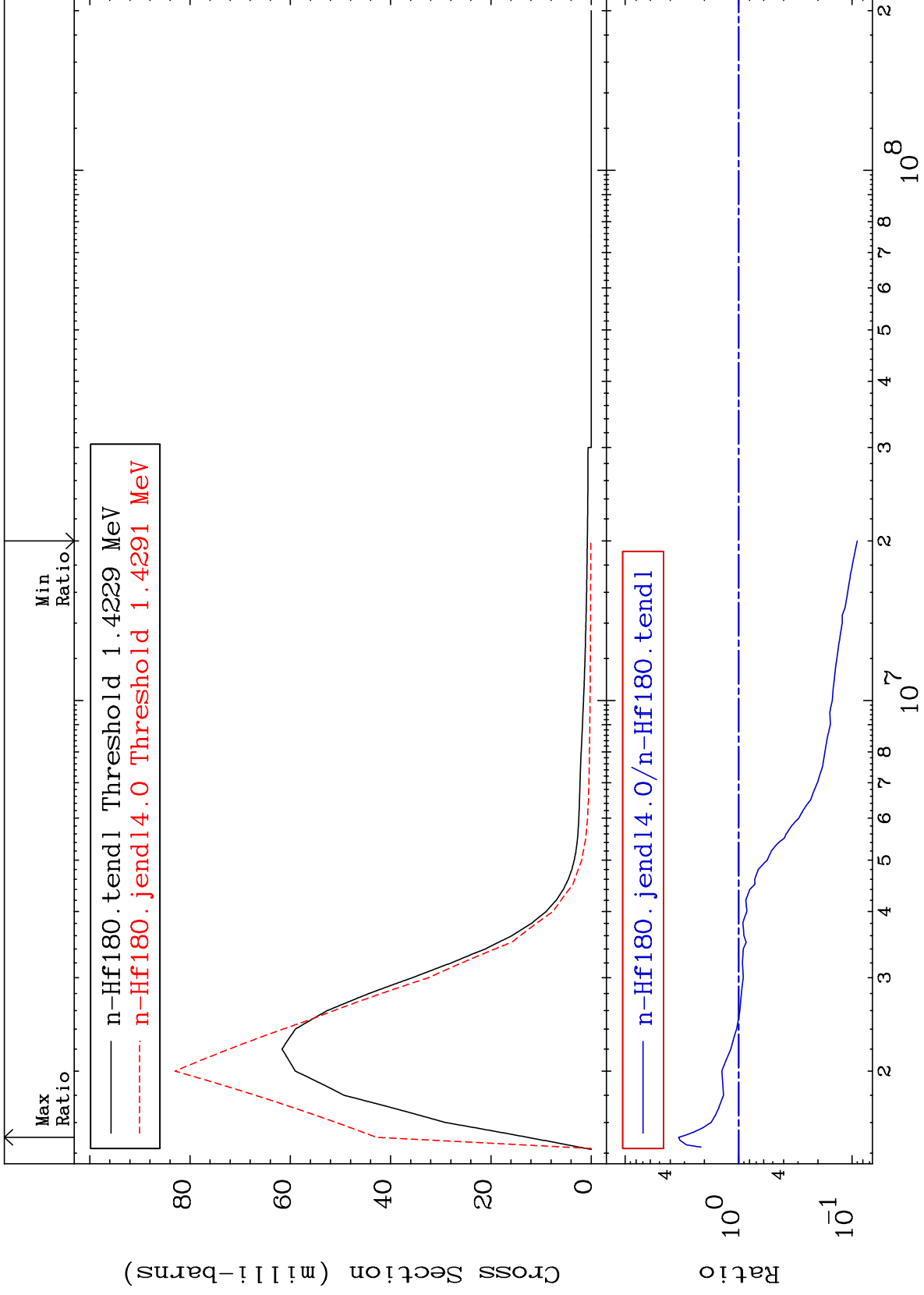
72-Hf-180
-95.50 To 64.31 %



MAT 7243

MT= 72 (n,n') Level
Cross Section

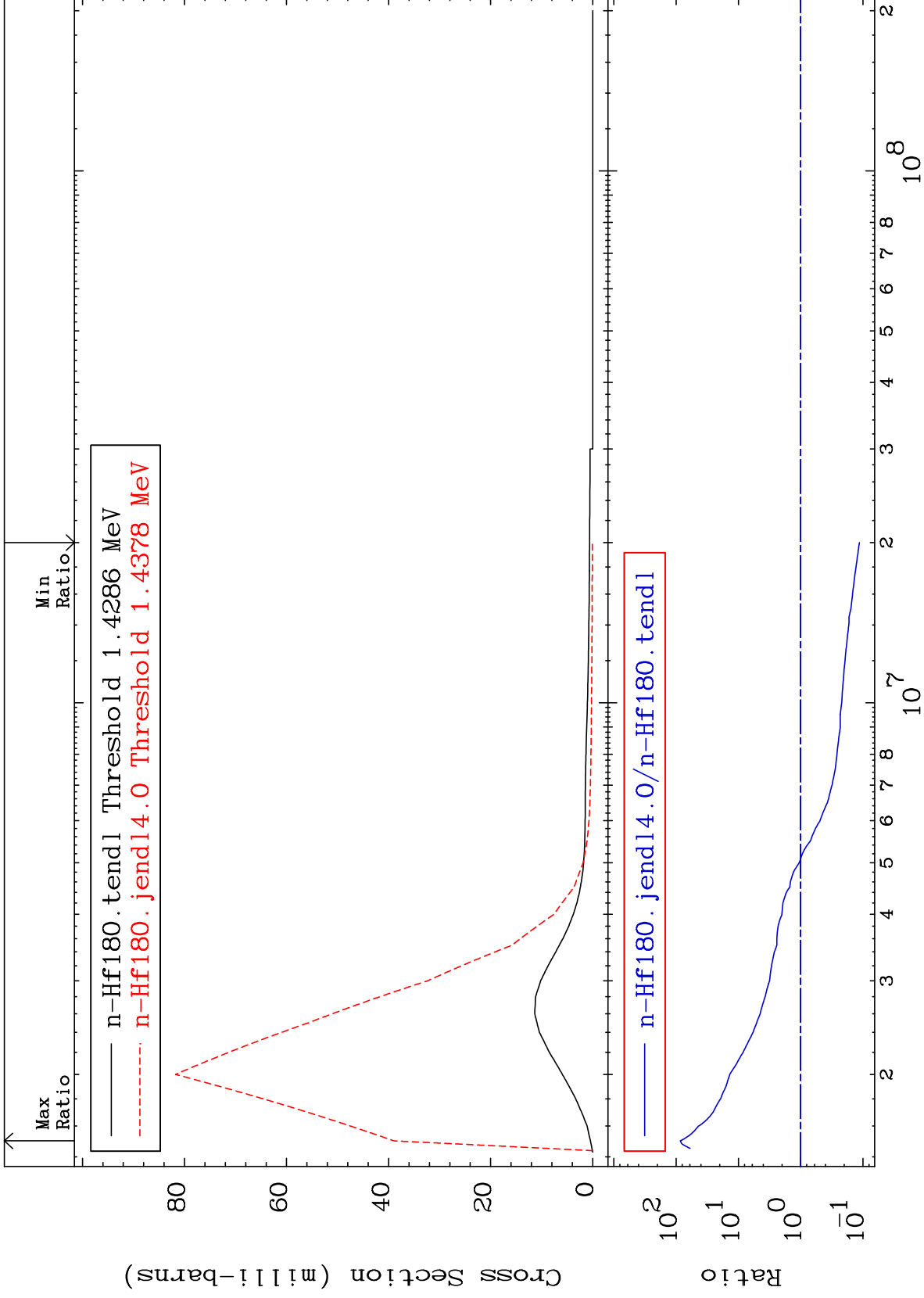
72-Hf-180
-91.02 To 238.0 %



30

Incident Energy (eV)

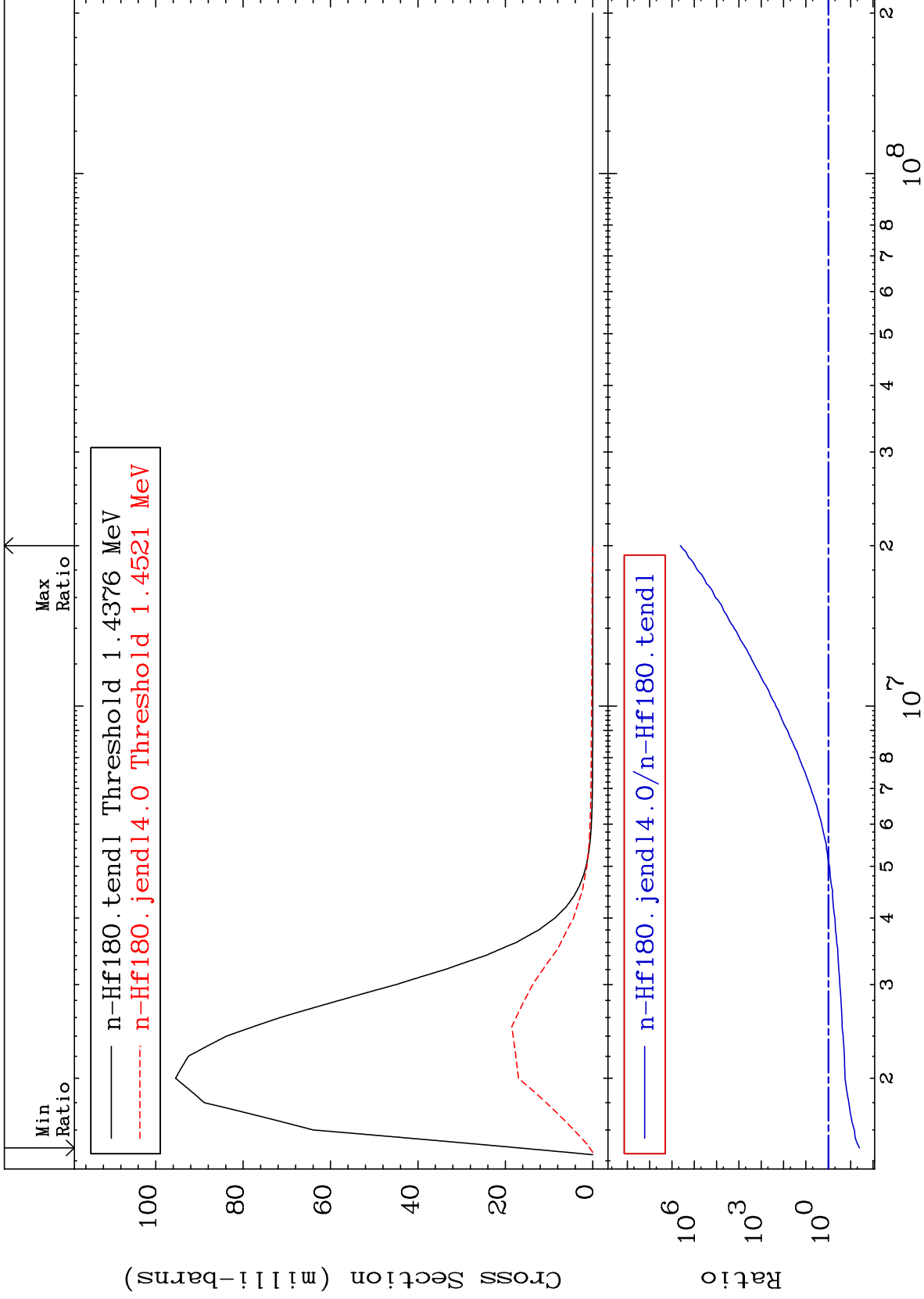
72-Hf-180

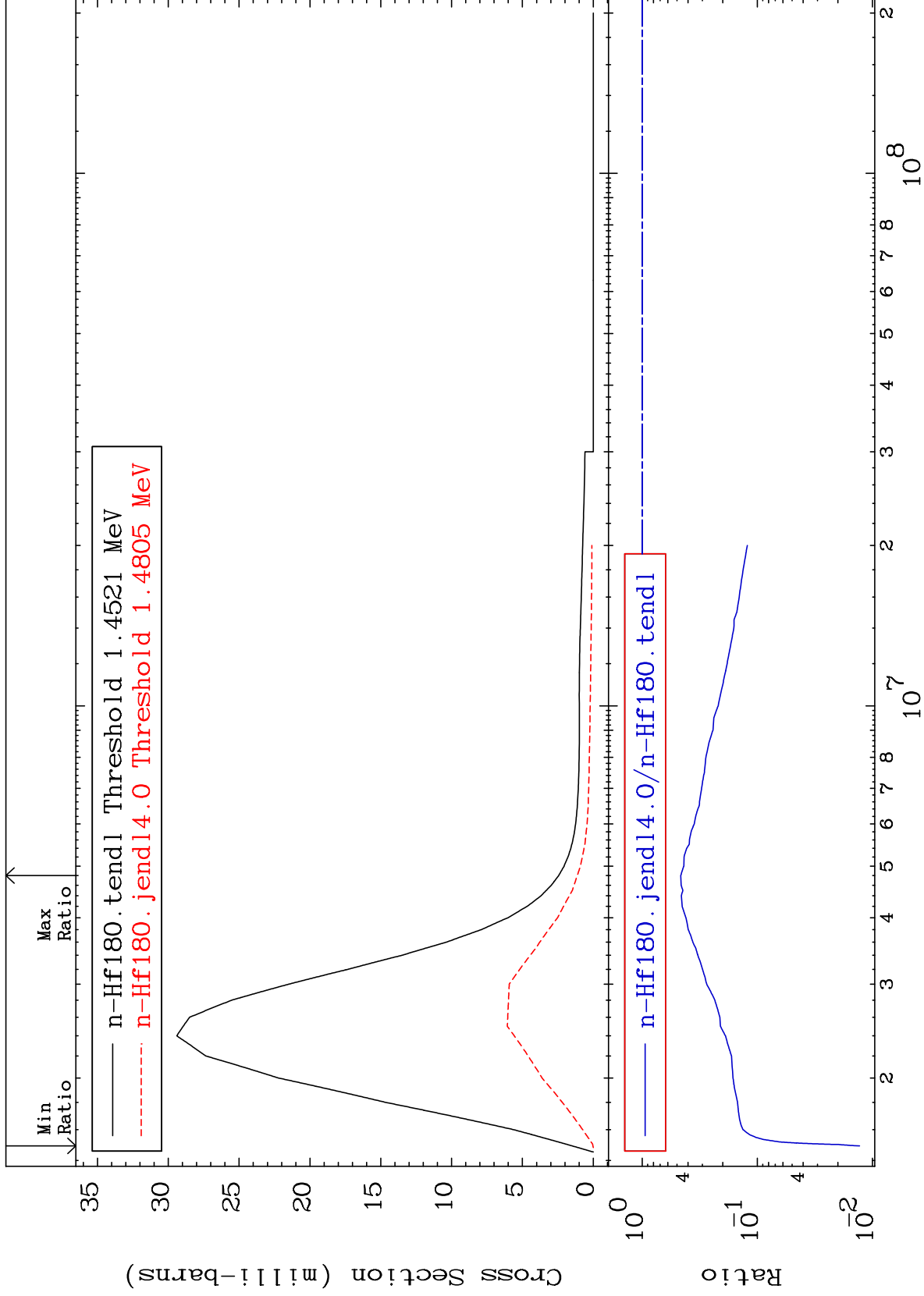


MAT 7243

MT= 74 (n,n') Level
Cross Section

72-Hf-180
-95.98 To 9999. %

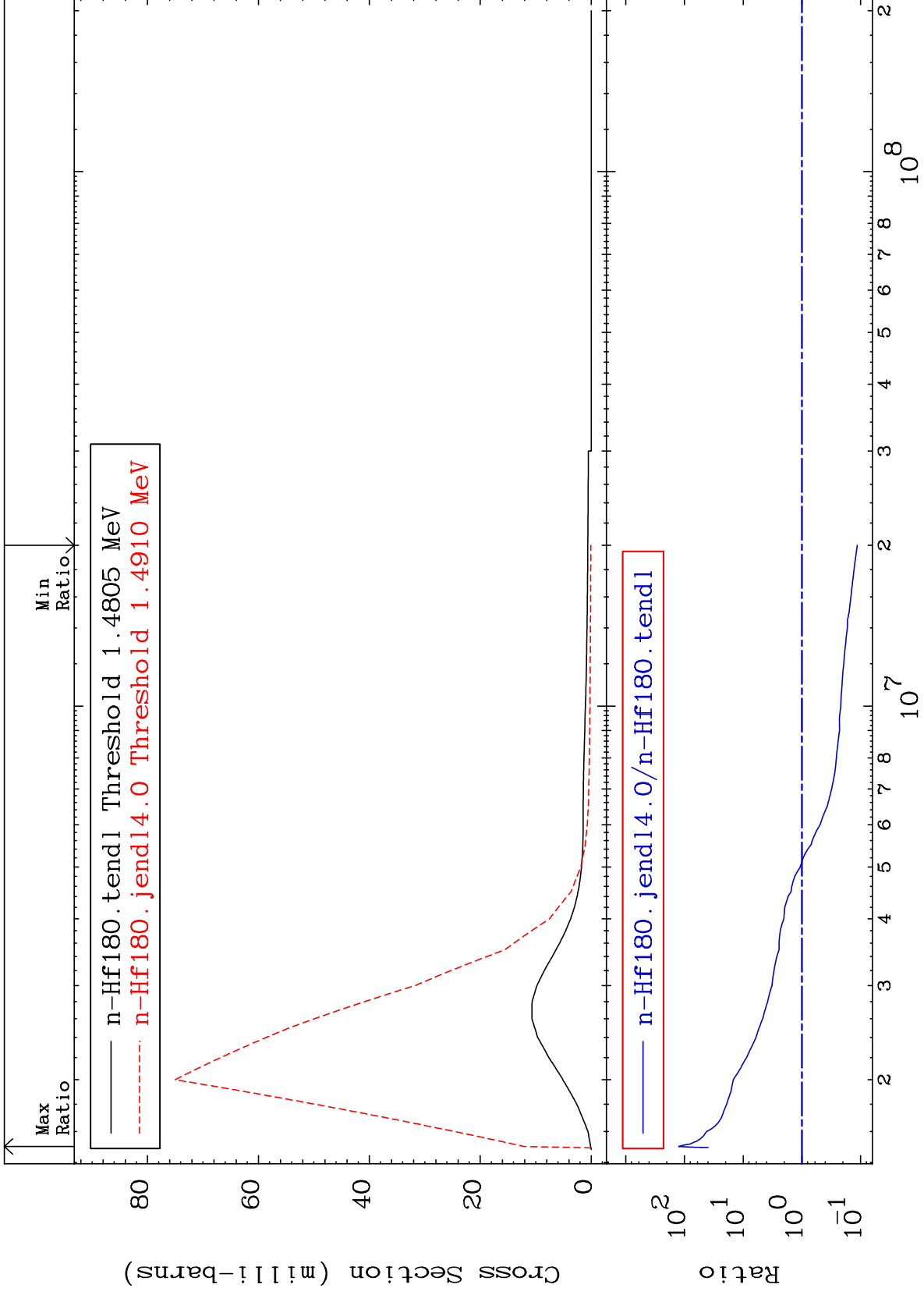


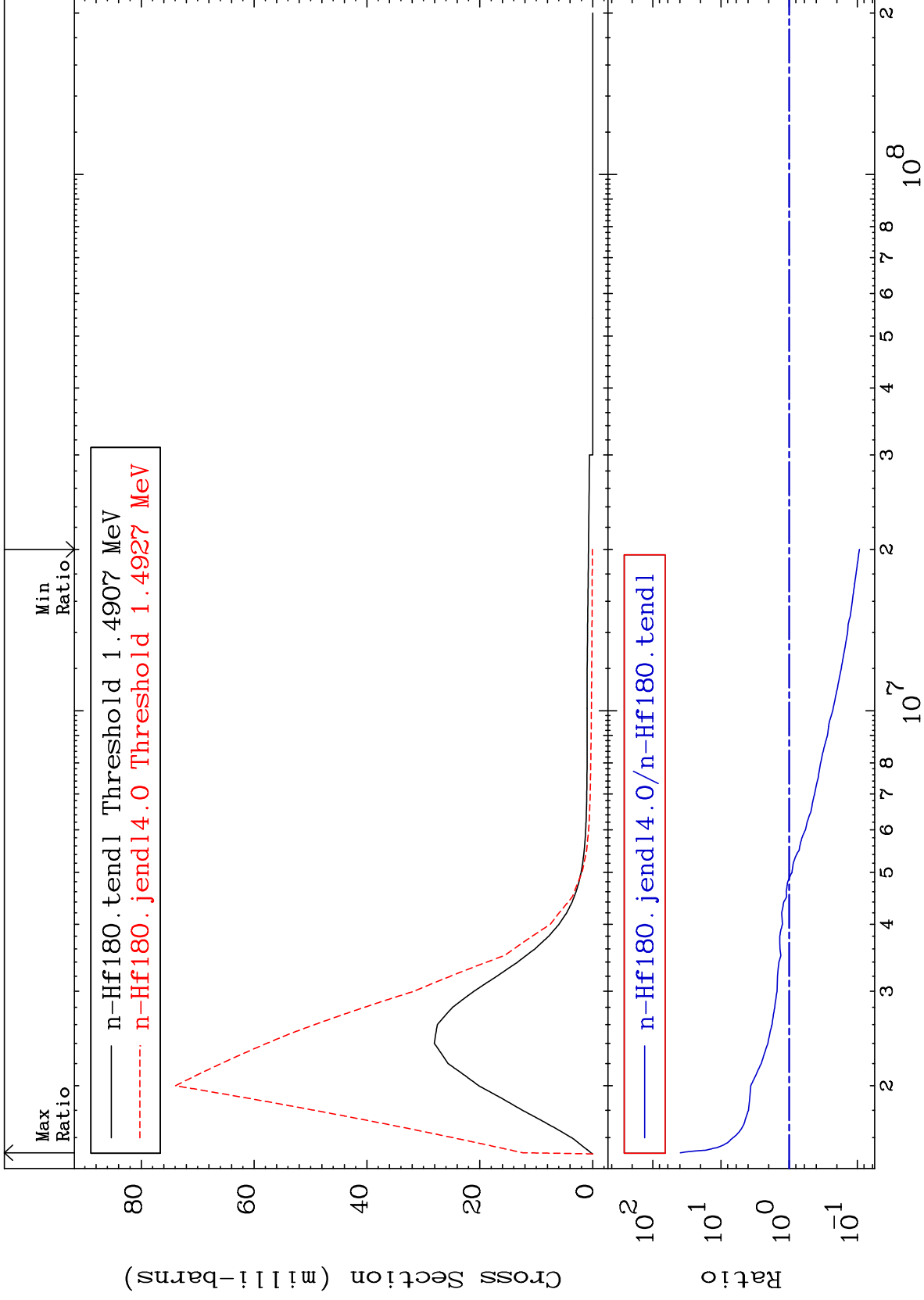


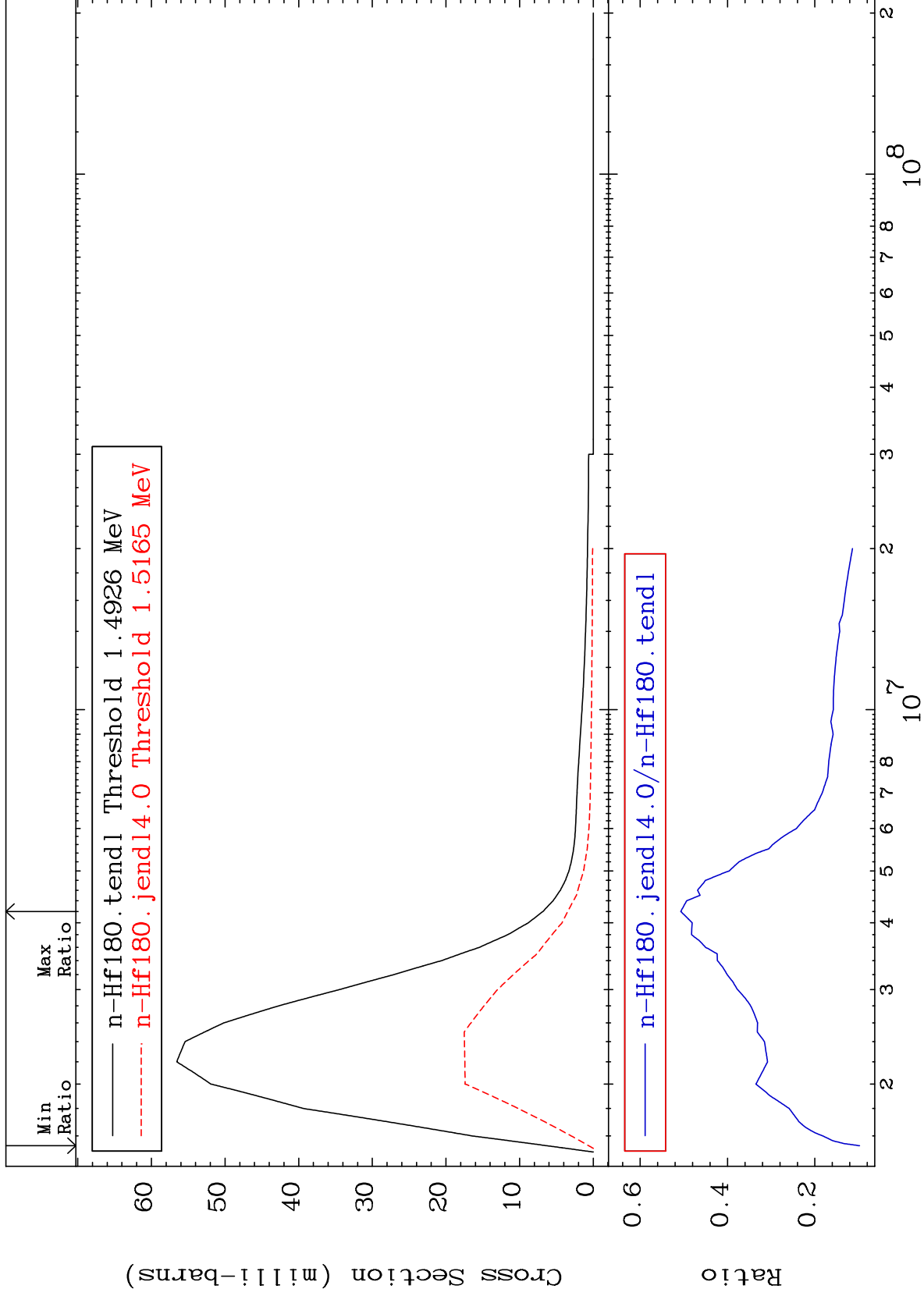
MAT 7243

MT= 76 (n,n') Level
Cross Section

72-Hf-180
-88.58 To 9999. %



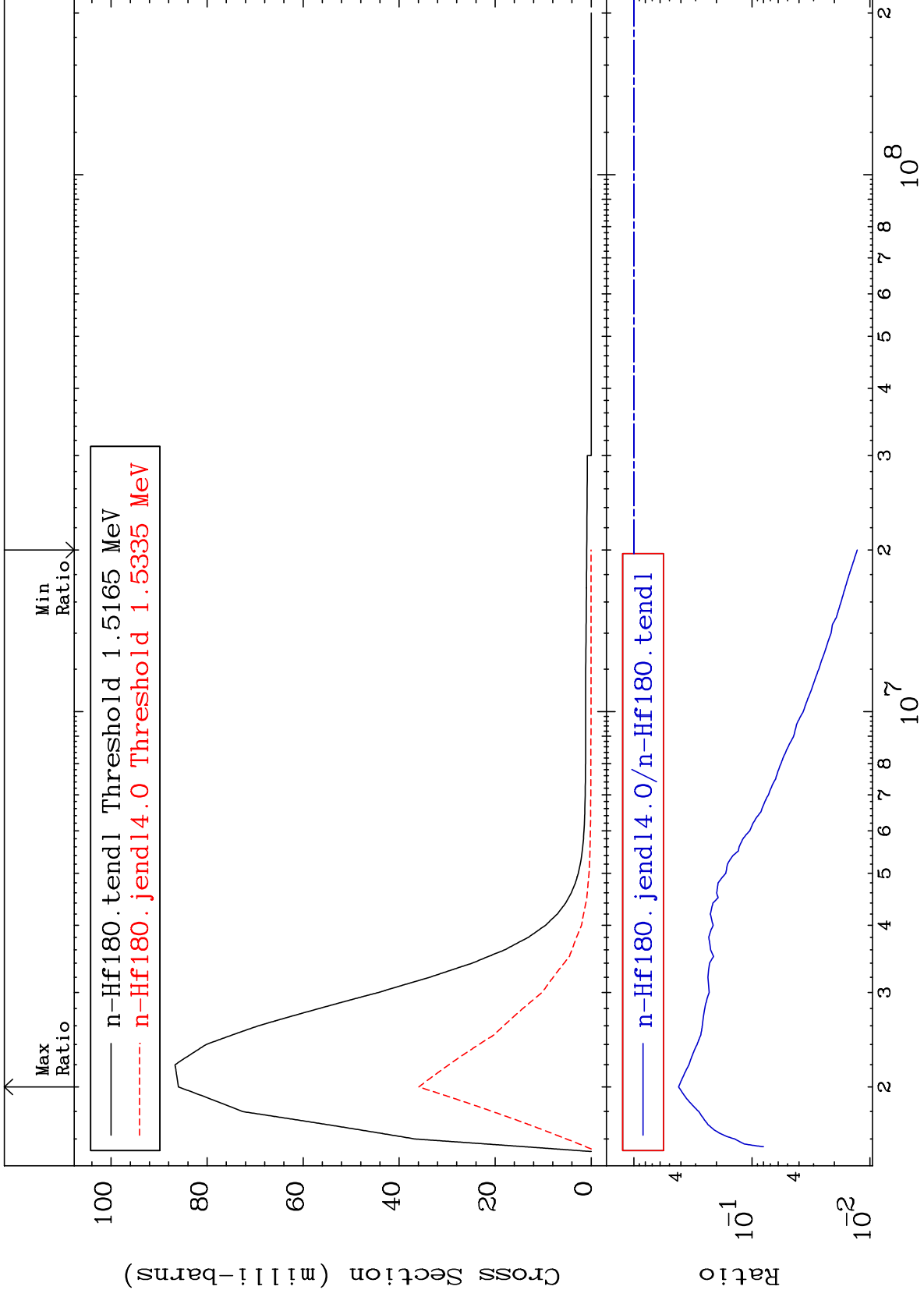




MAT 7243

MT= 79 (n,n') Level
Cross Section

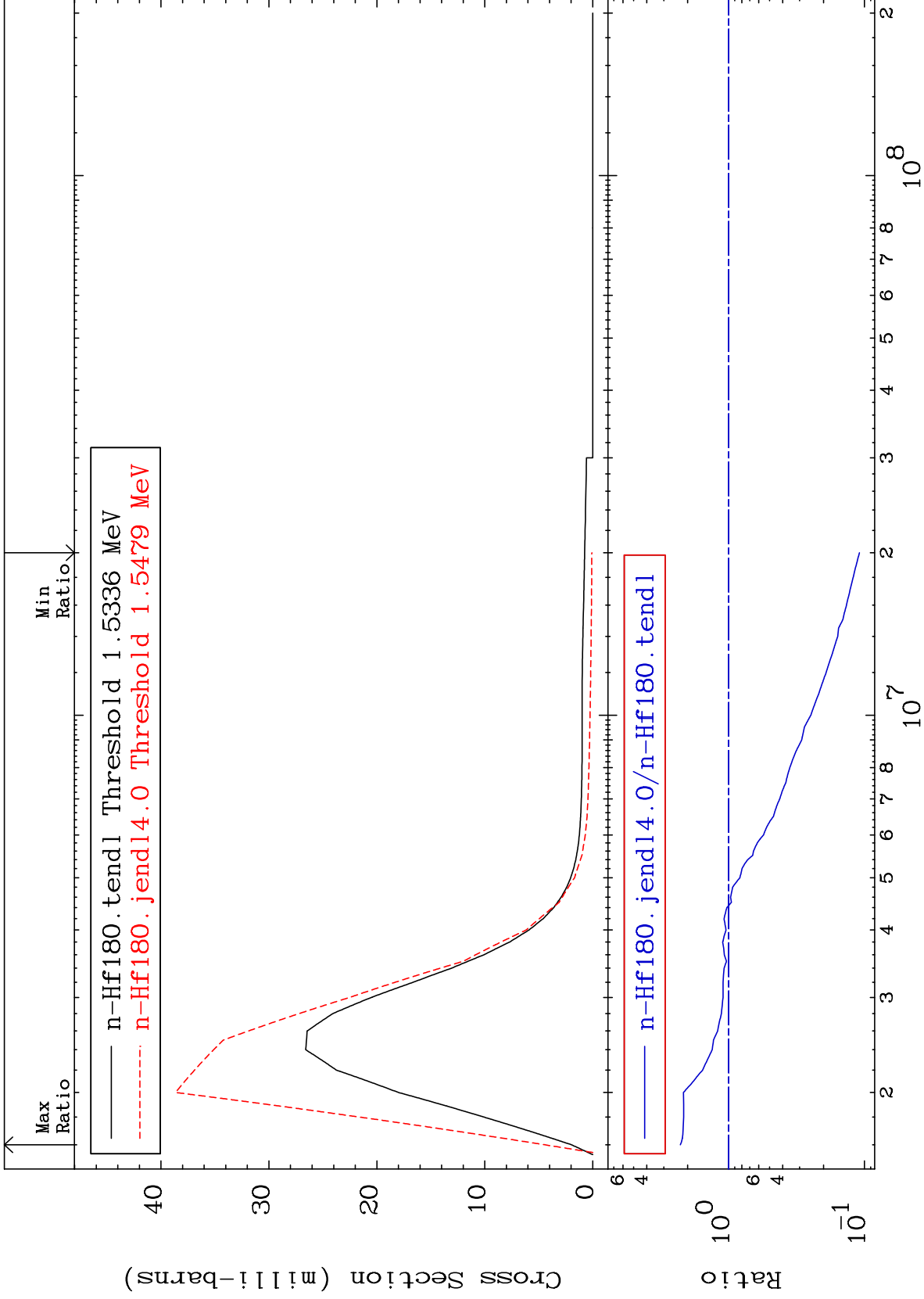
72-Hf-180
-98.72 To -58.22%

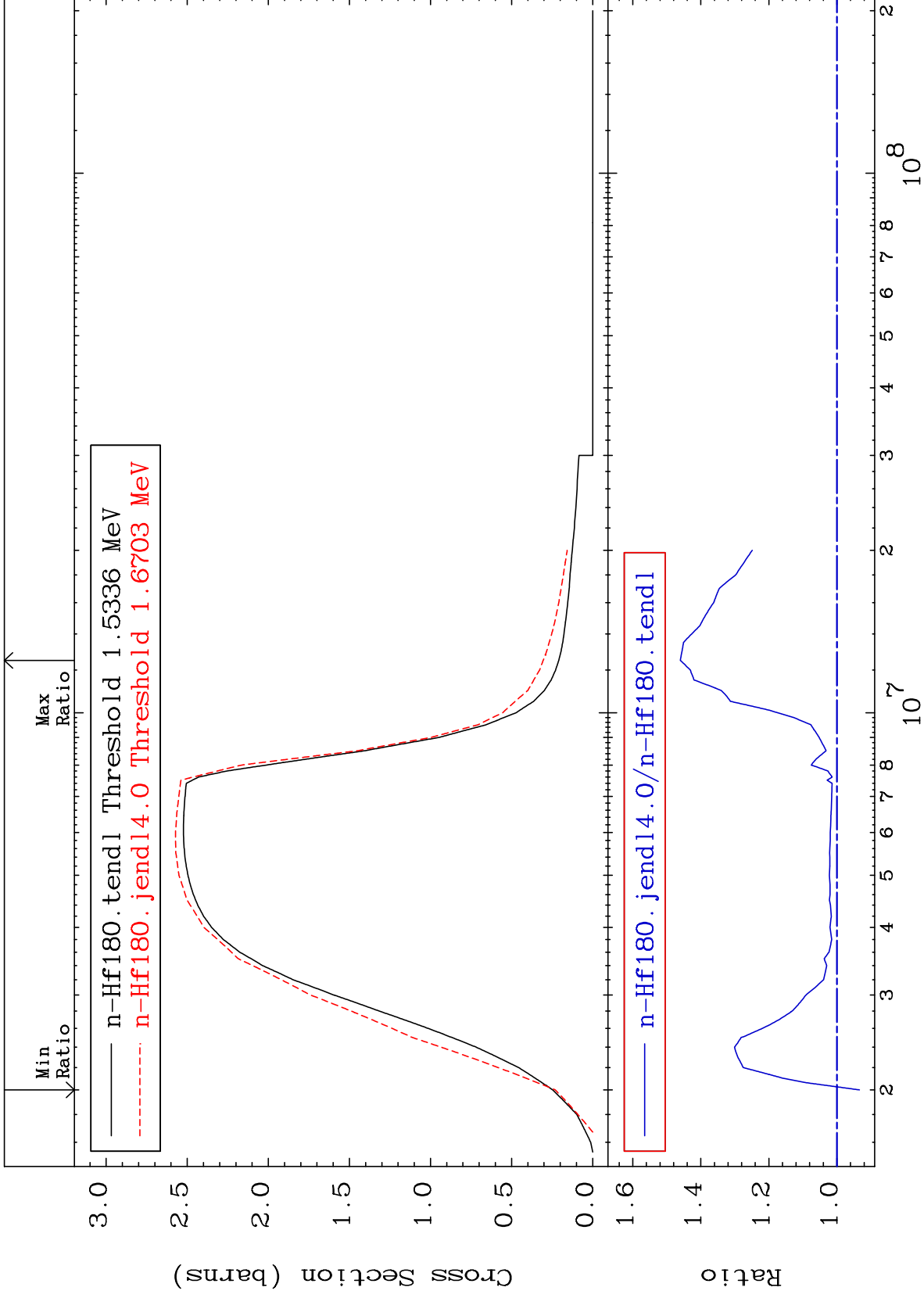


37

Incident Energy (eV)

72-Hf-180





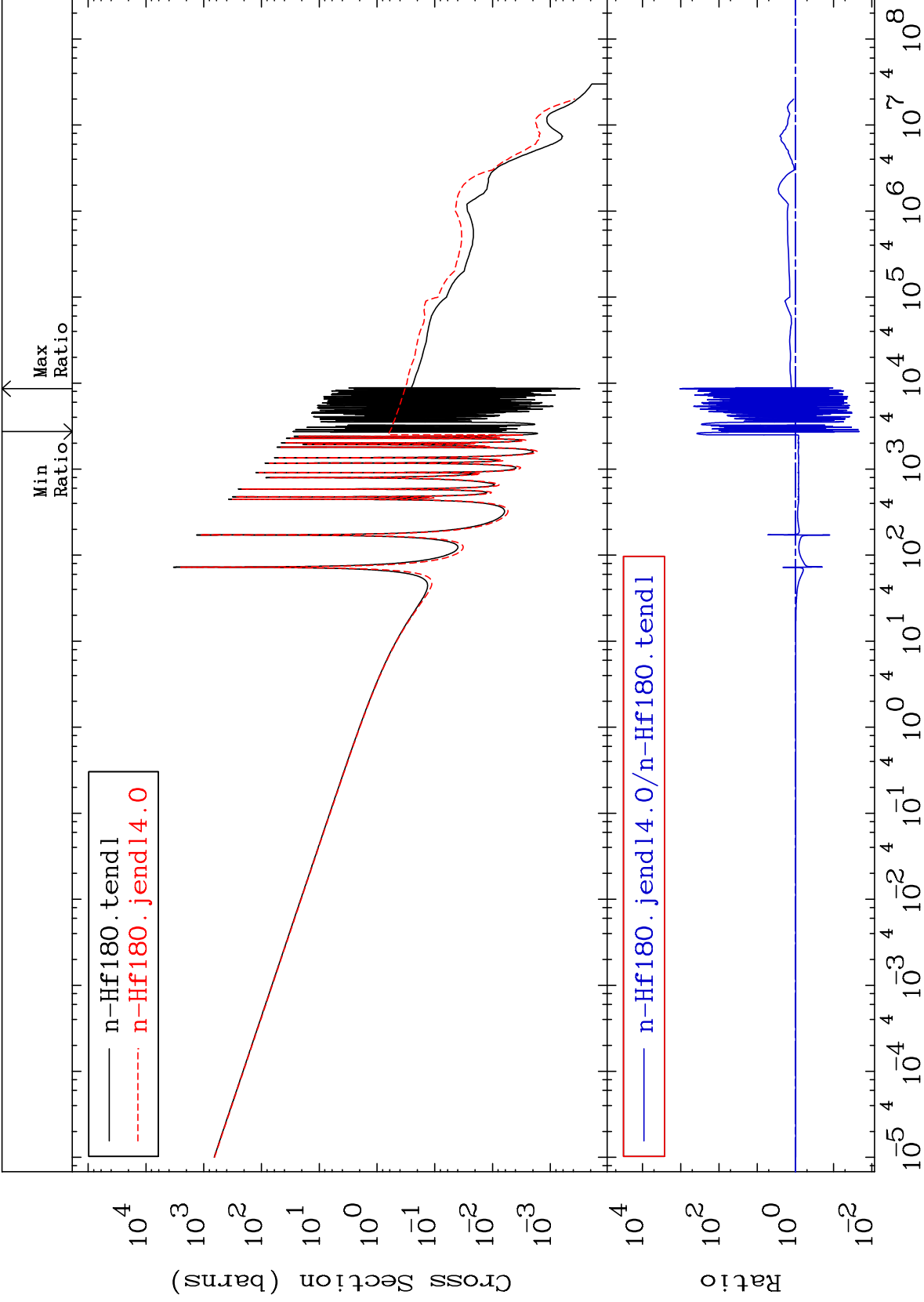
MAT 7243

(n, γ)

72-Hf-180

Cross Section

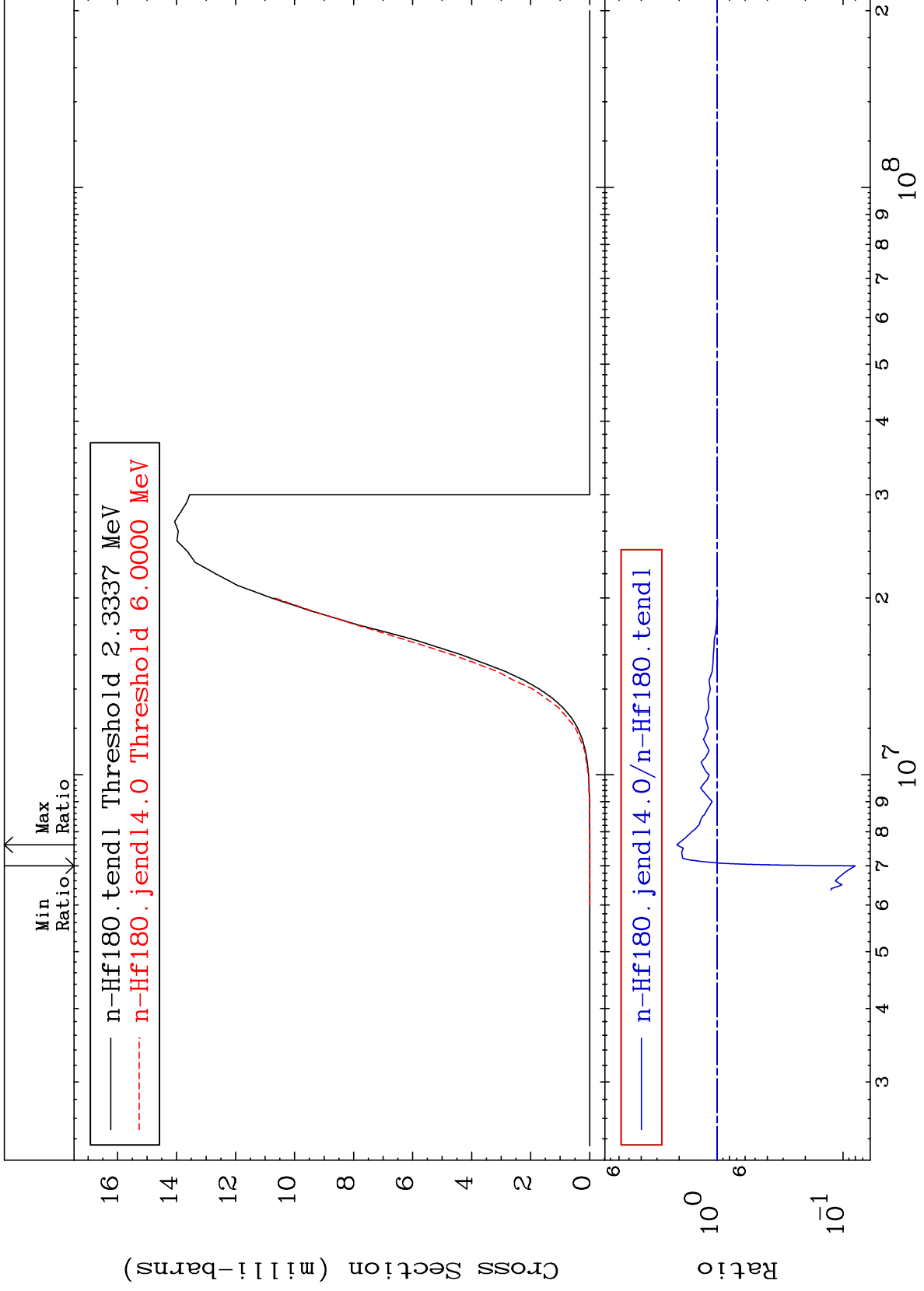
-97.87 To 9999. %

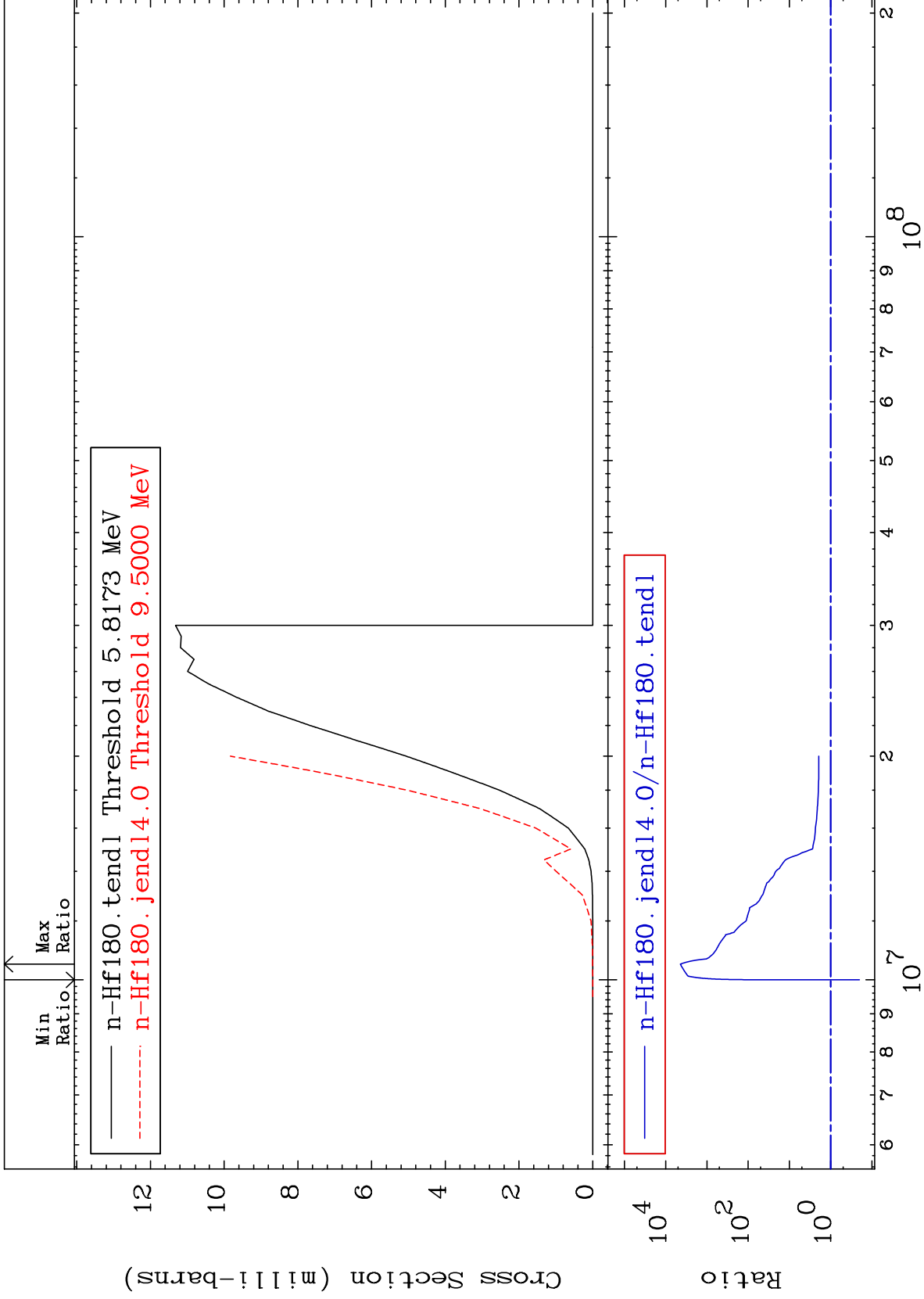


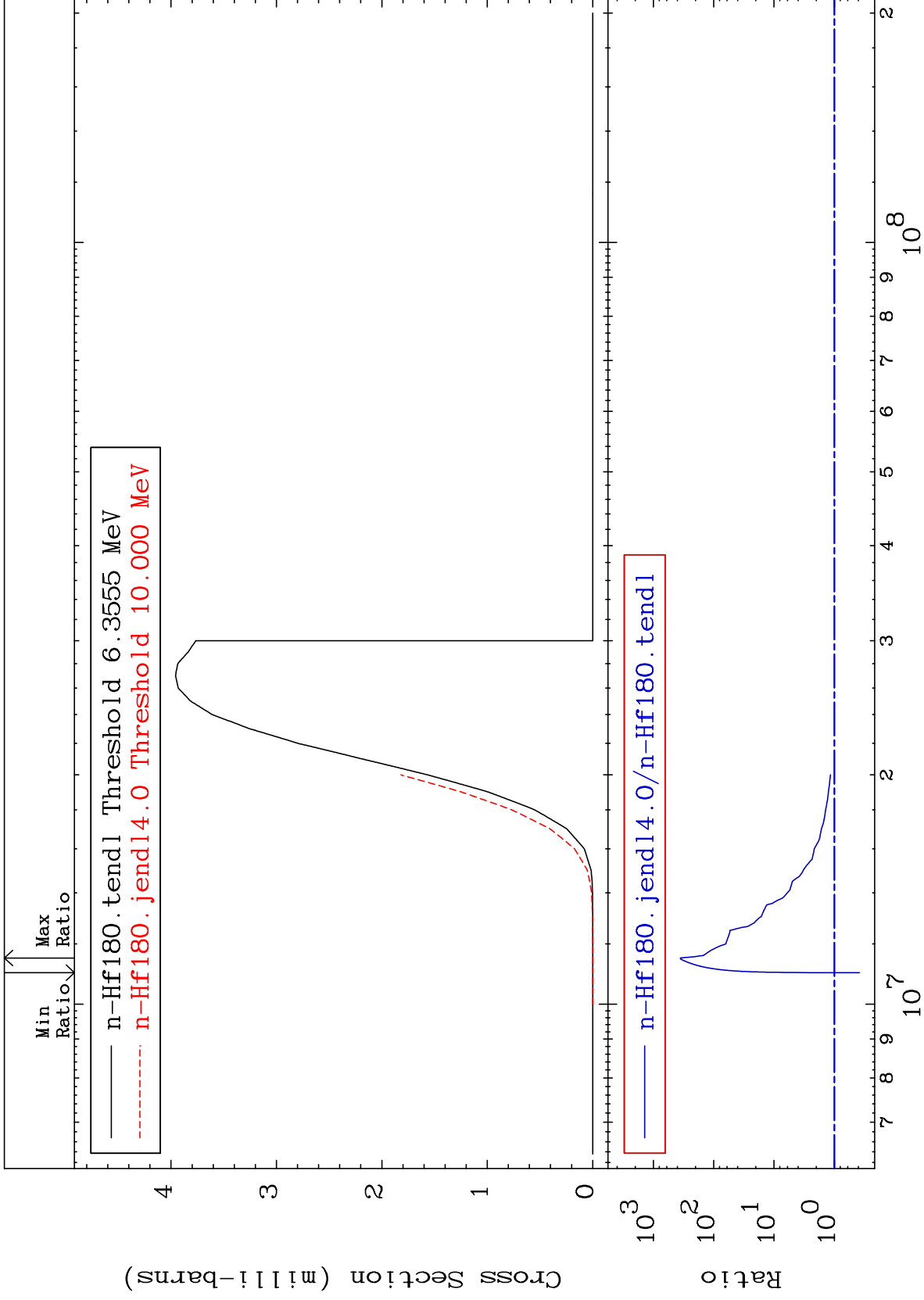
40

Incident Energy (eV)

72-Hf-180

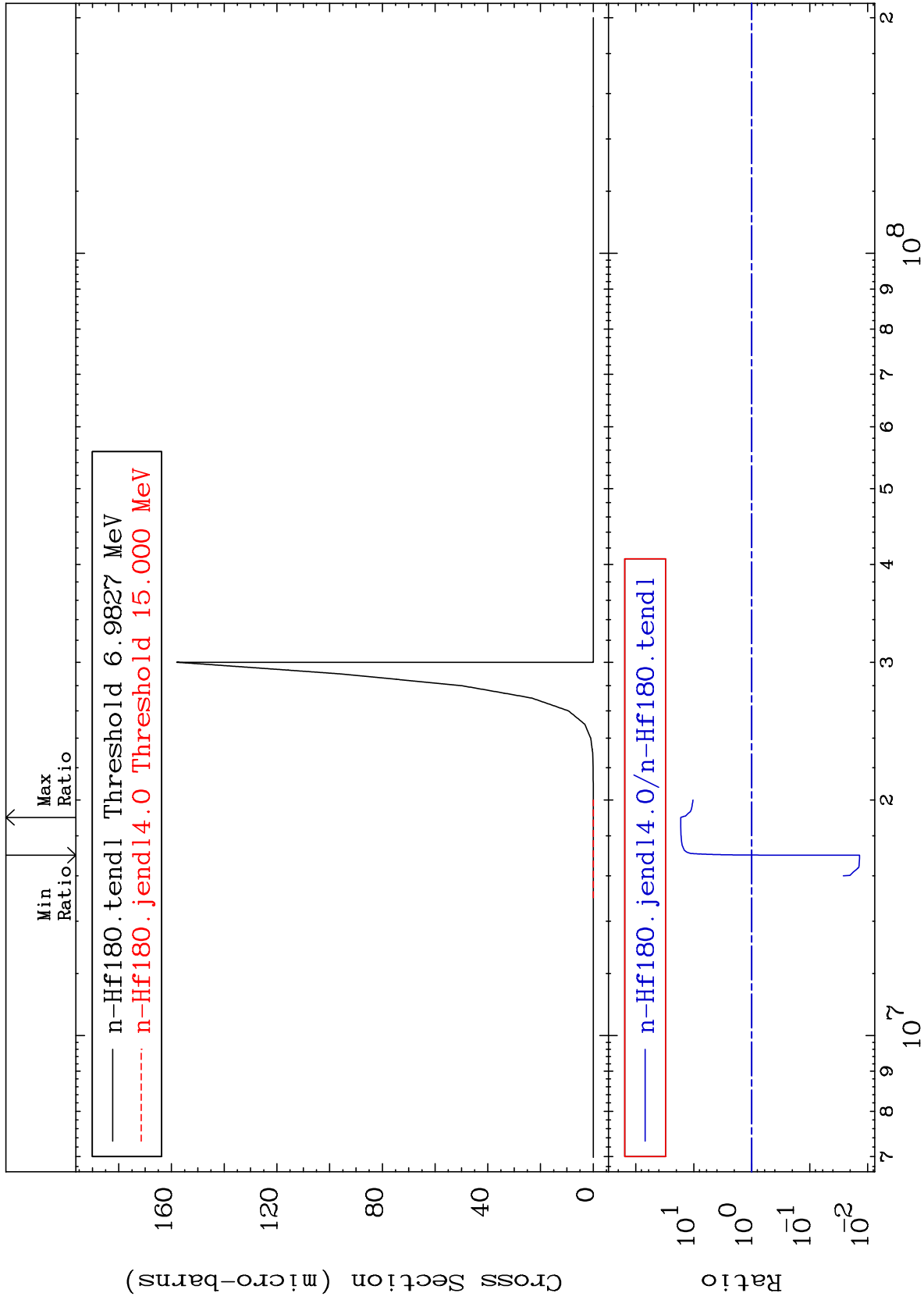






Cross Section

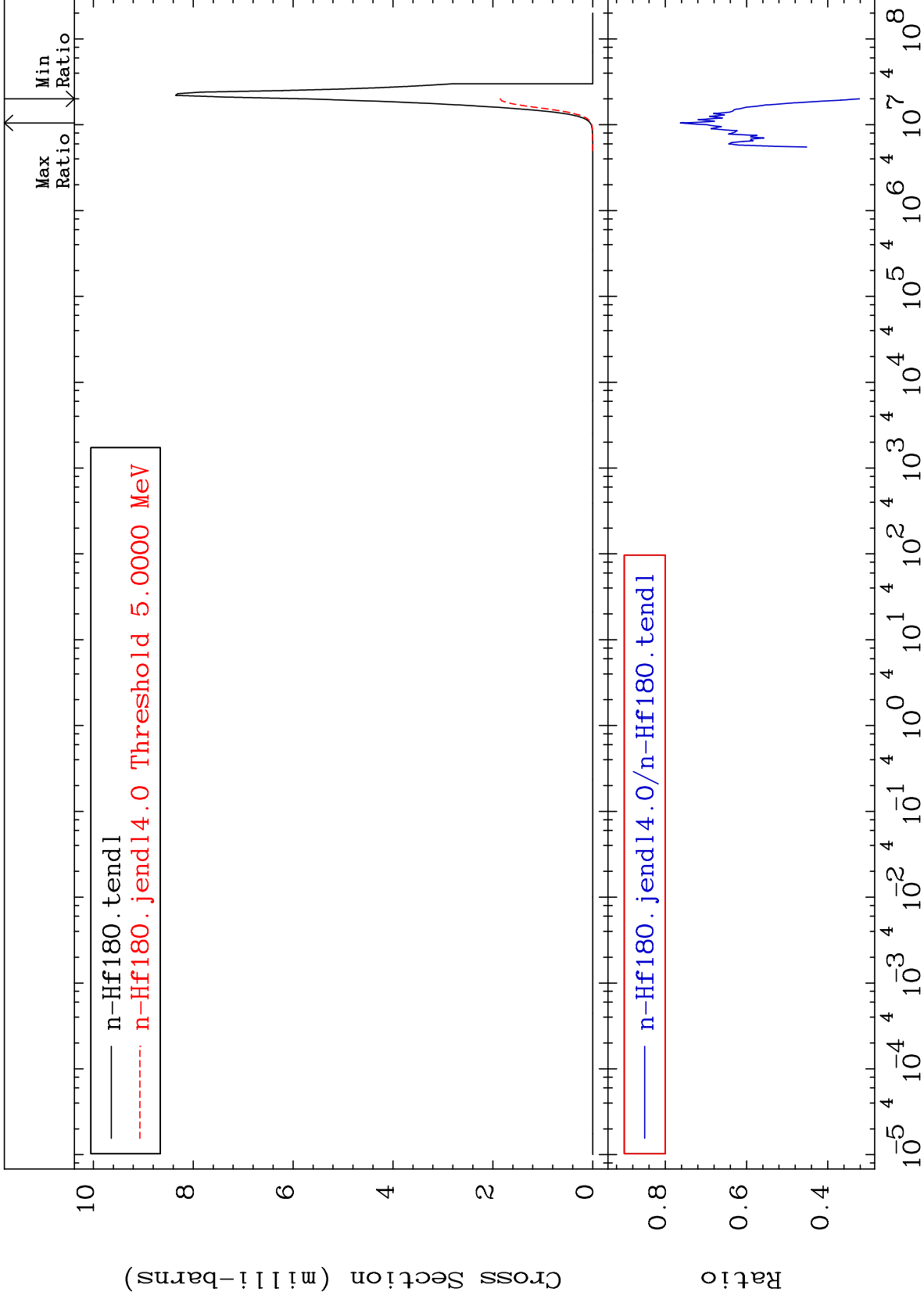
-98.62 To 1576. %



MAT 7243

(n, α)
Cross Section

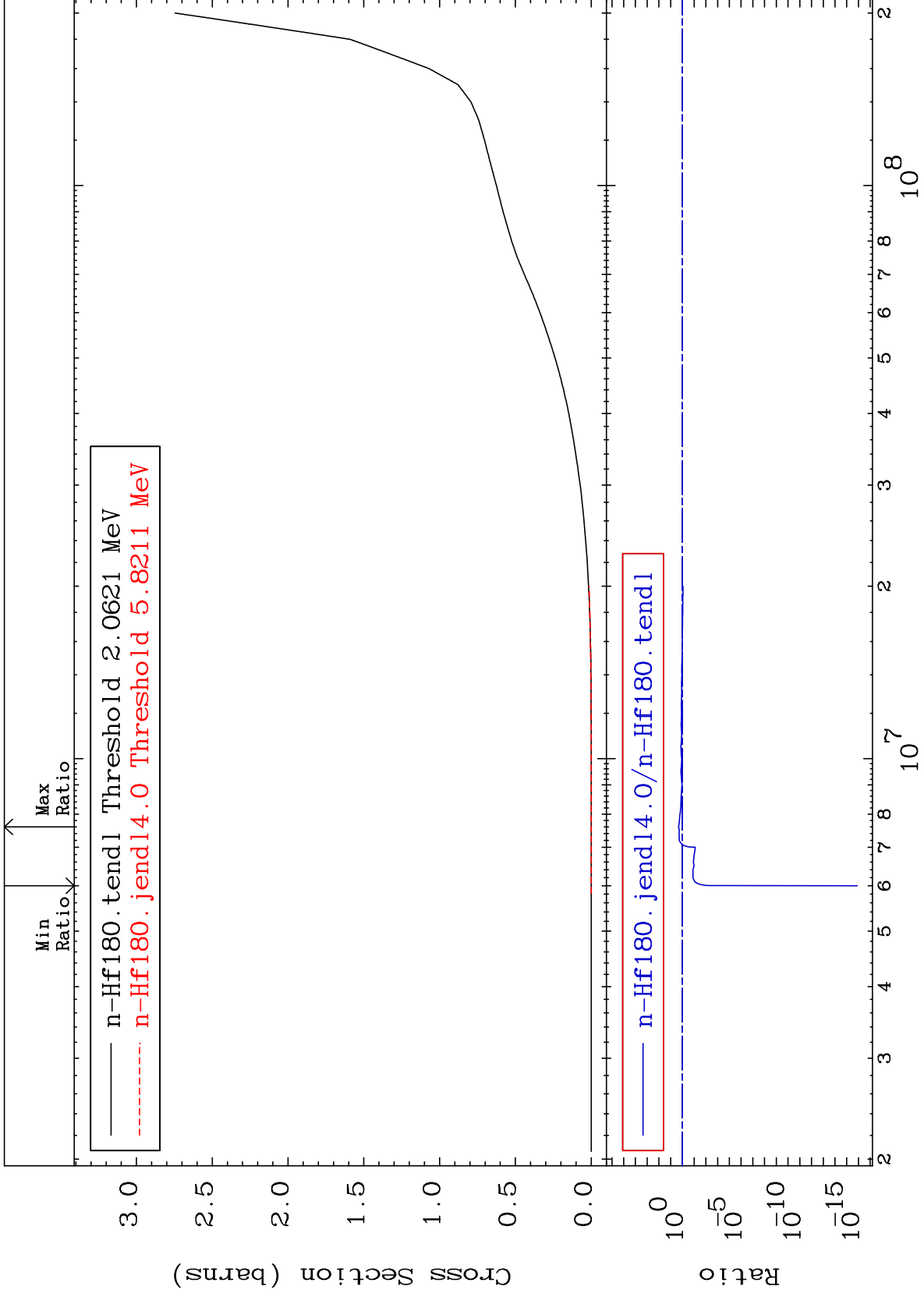
72-Hf-180
-67.80 To -23.70%

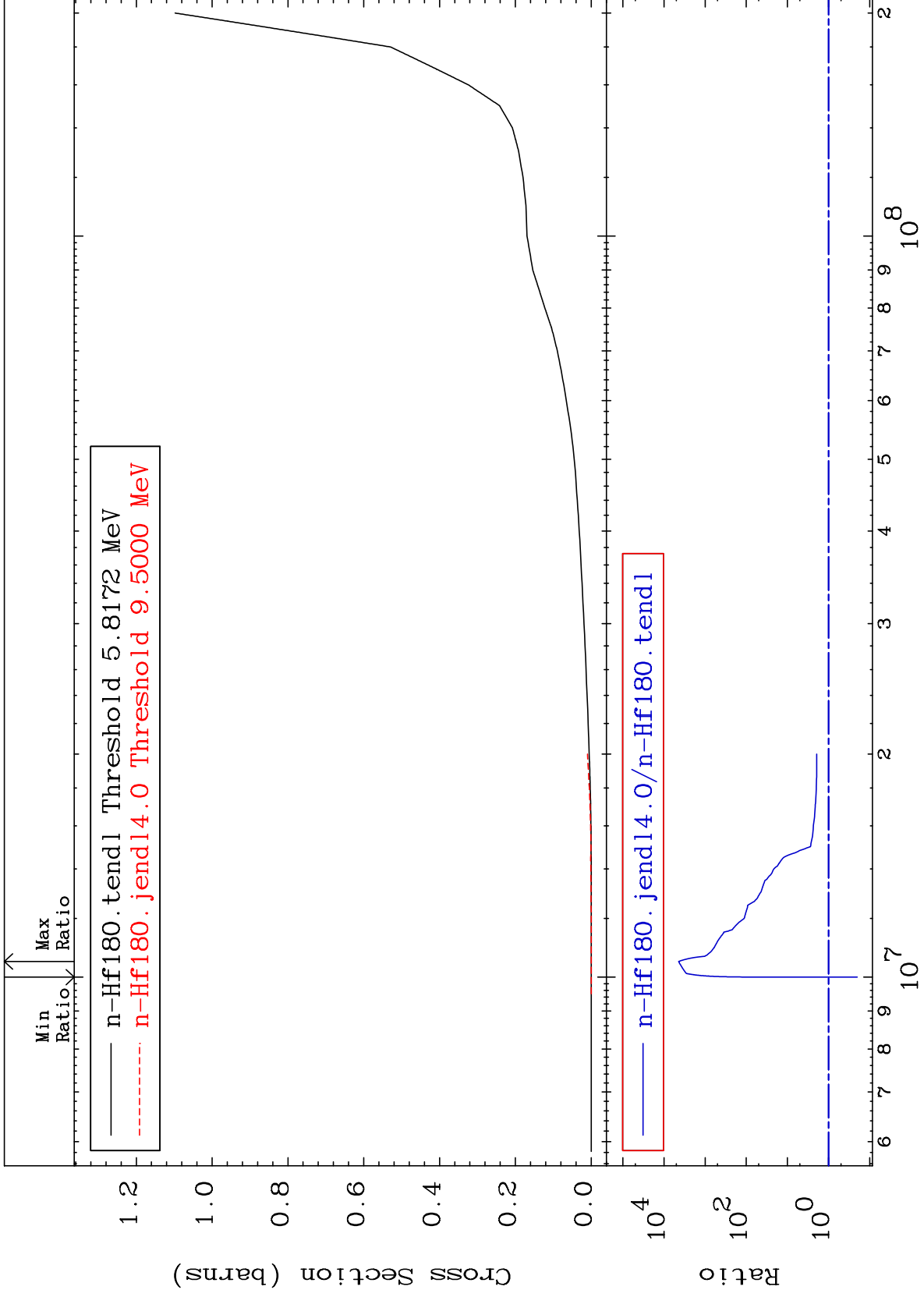


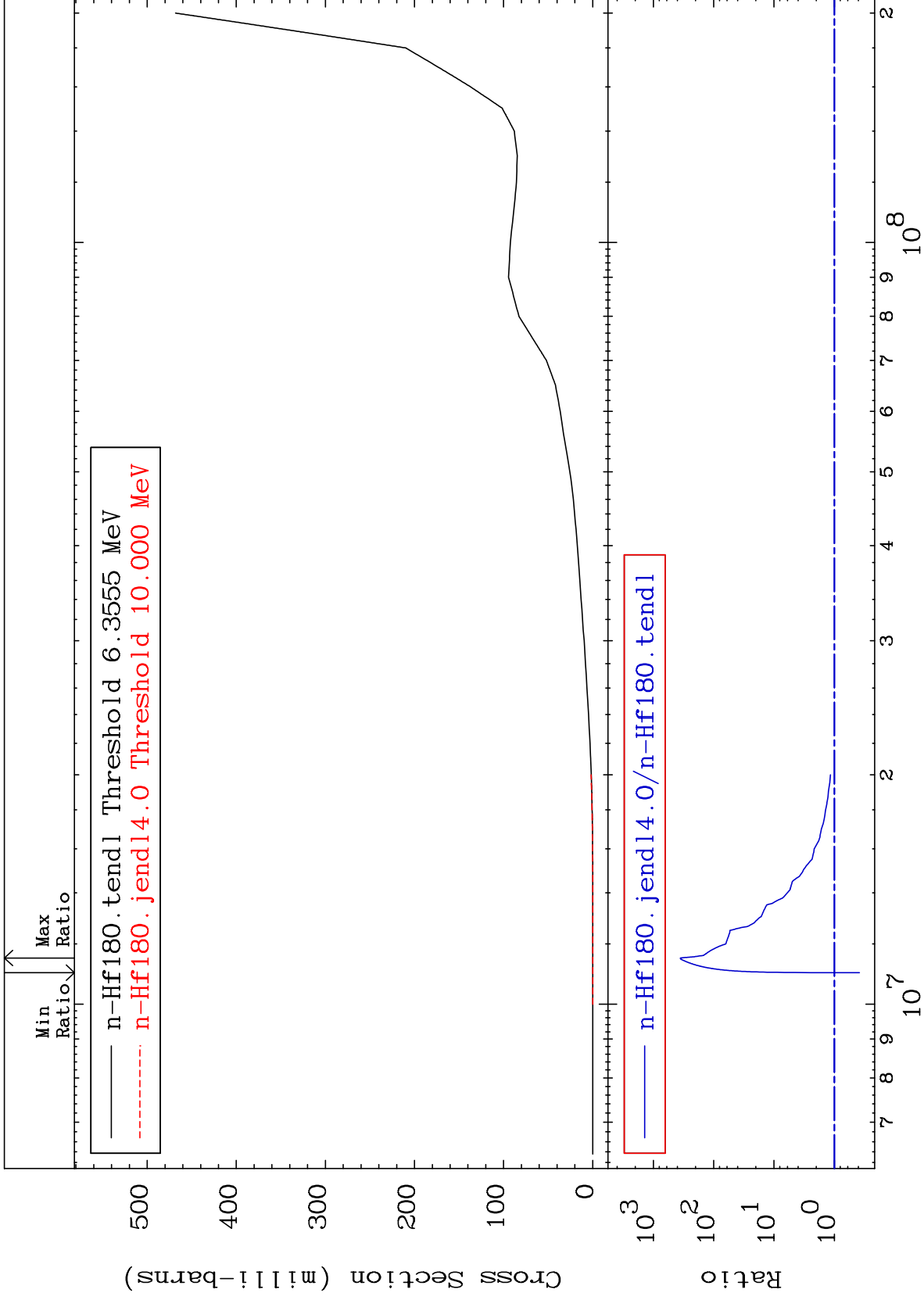
45

Incident Energy (eV)

72-Hf-180



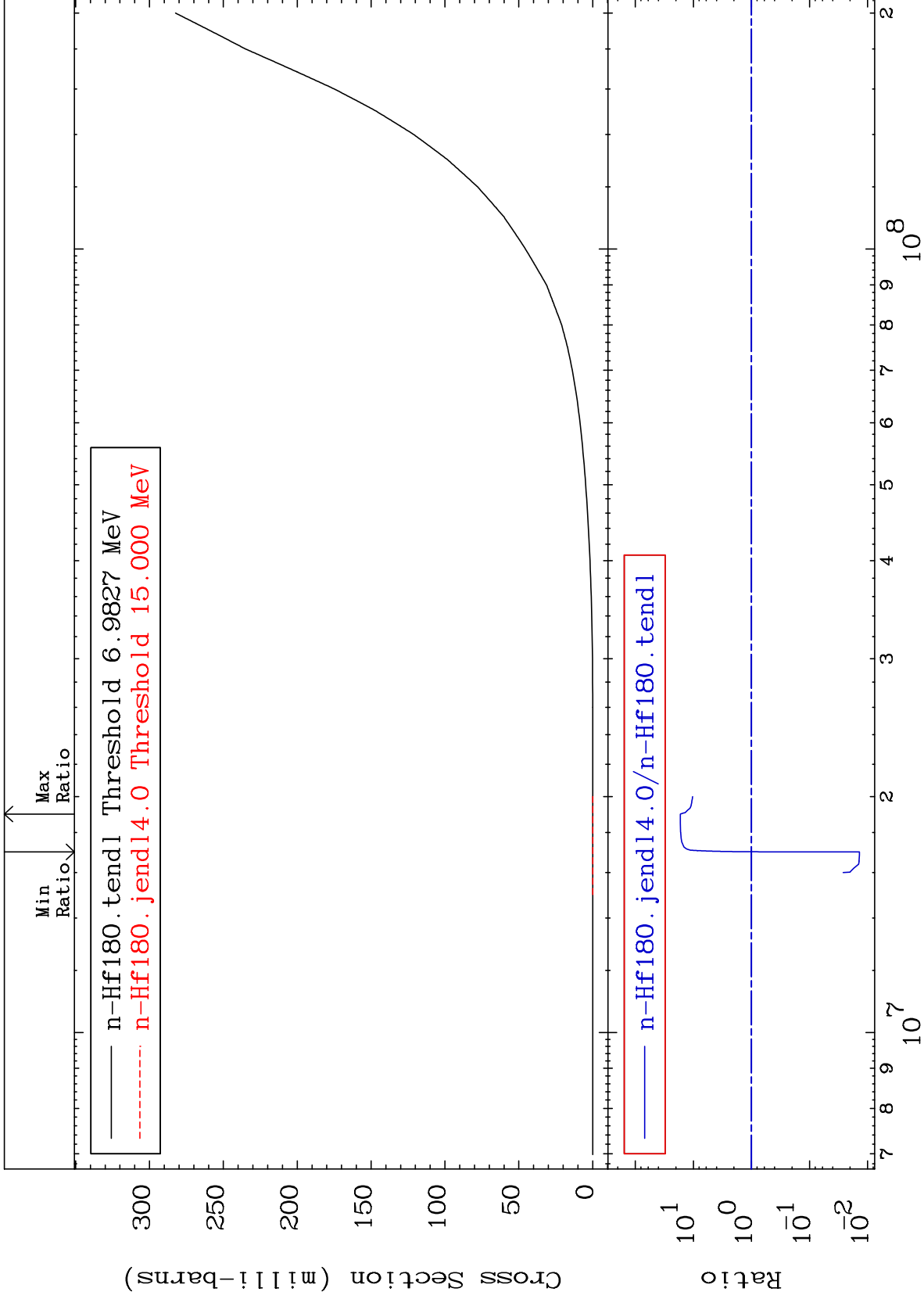




MAT 7243

He-3 Production
Cross Section

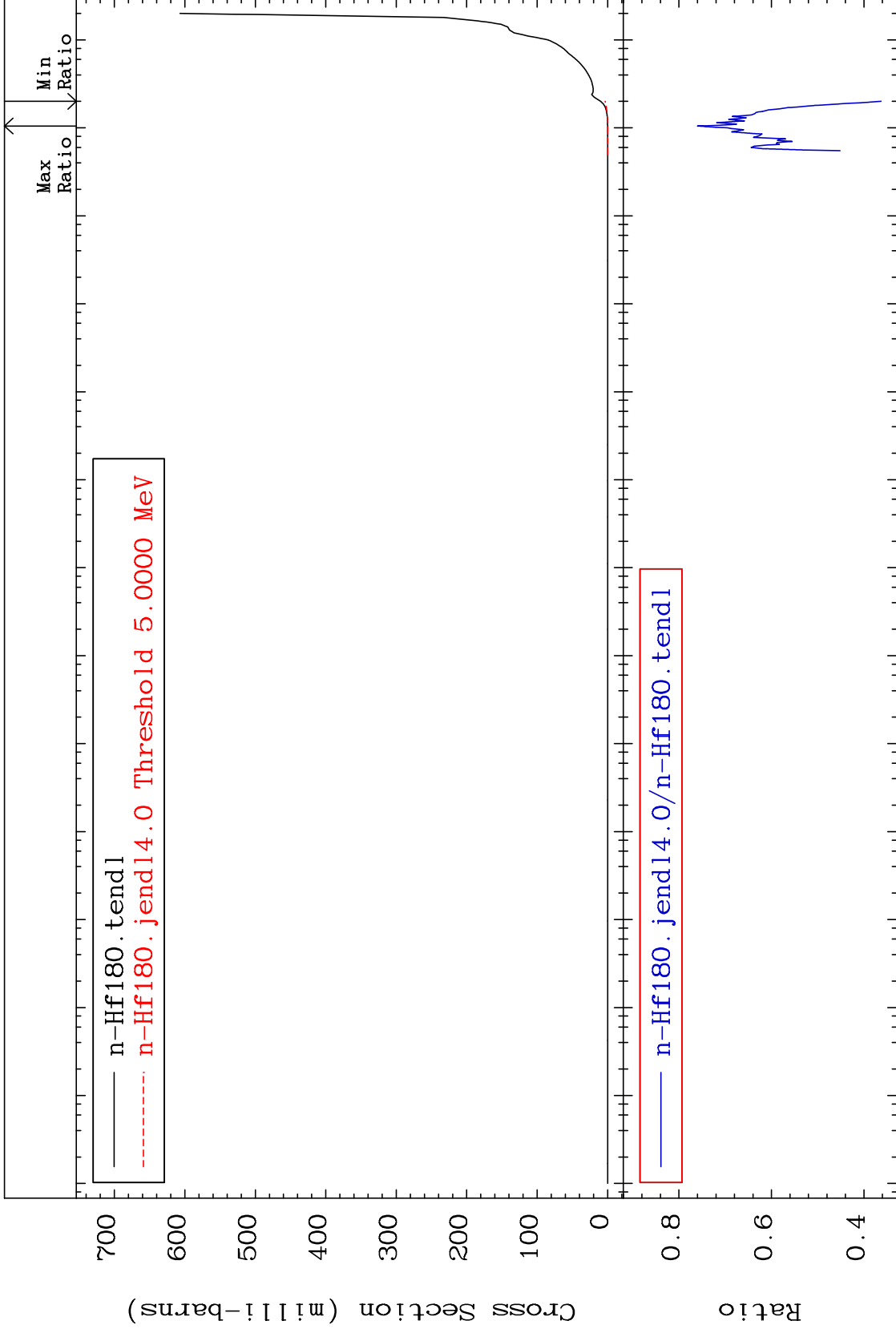
72-Hf-180
-98.62 To 1576. %



MAT 7243

He-4 Production
Cross Section

72-Hf-180
-63.71 To -24.01%



Incident Energy (eV)

50

72-Hf-180

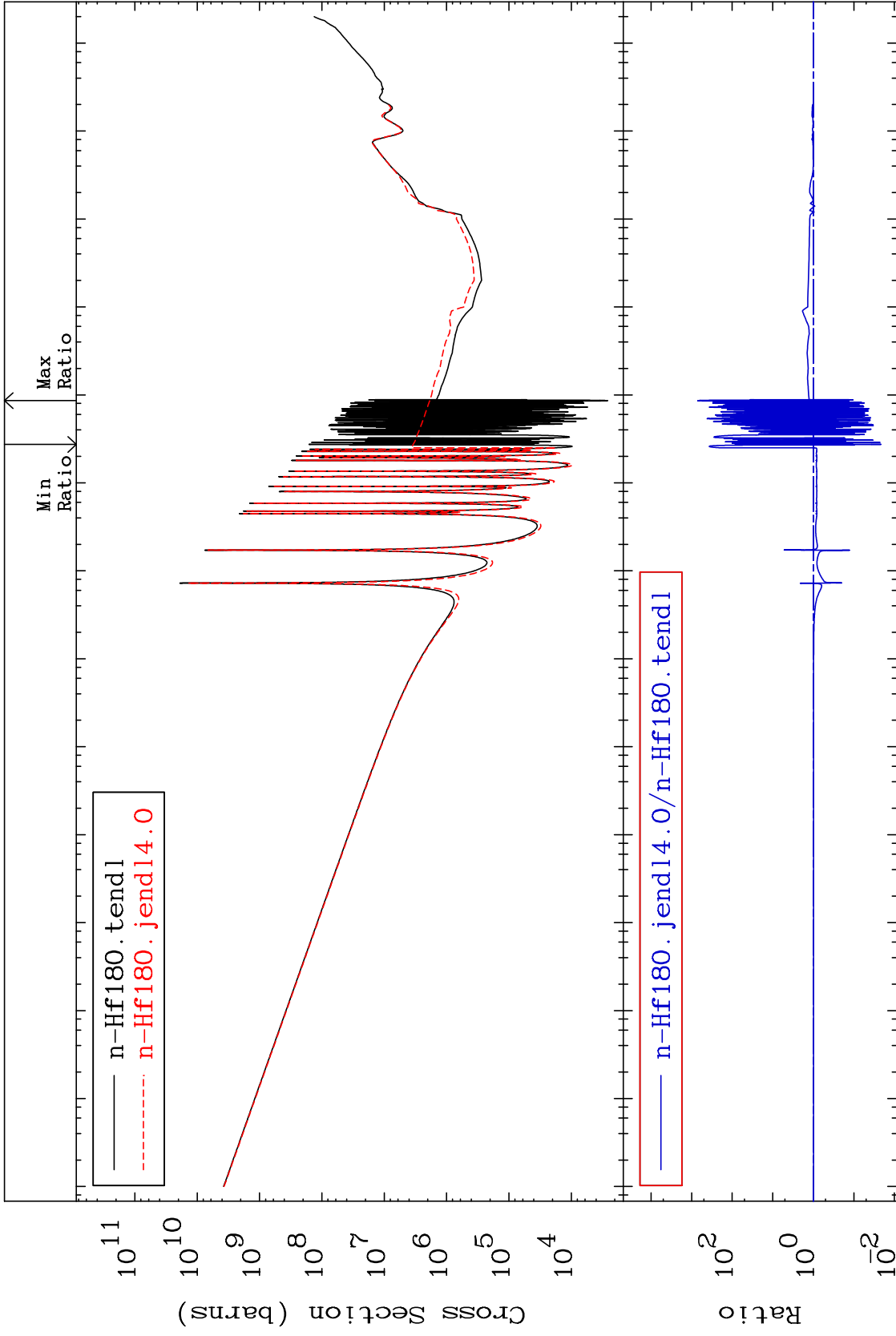
MAT 7243

Kerma total (eV-barns)

72-Hf-180

Cross Section

-97.87 To 9999. %



51

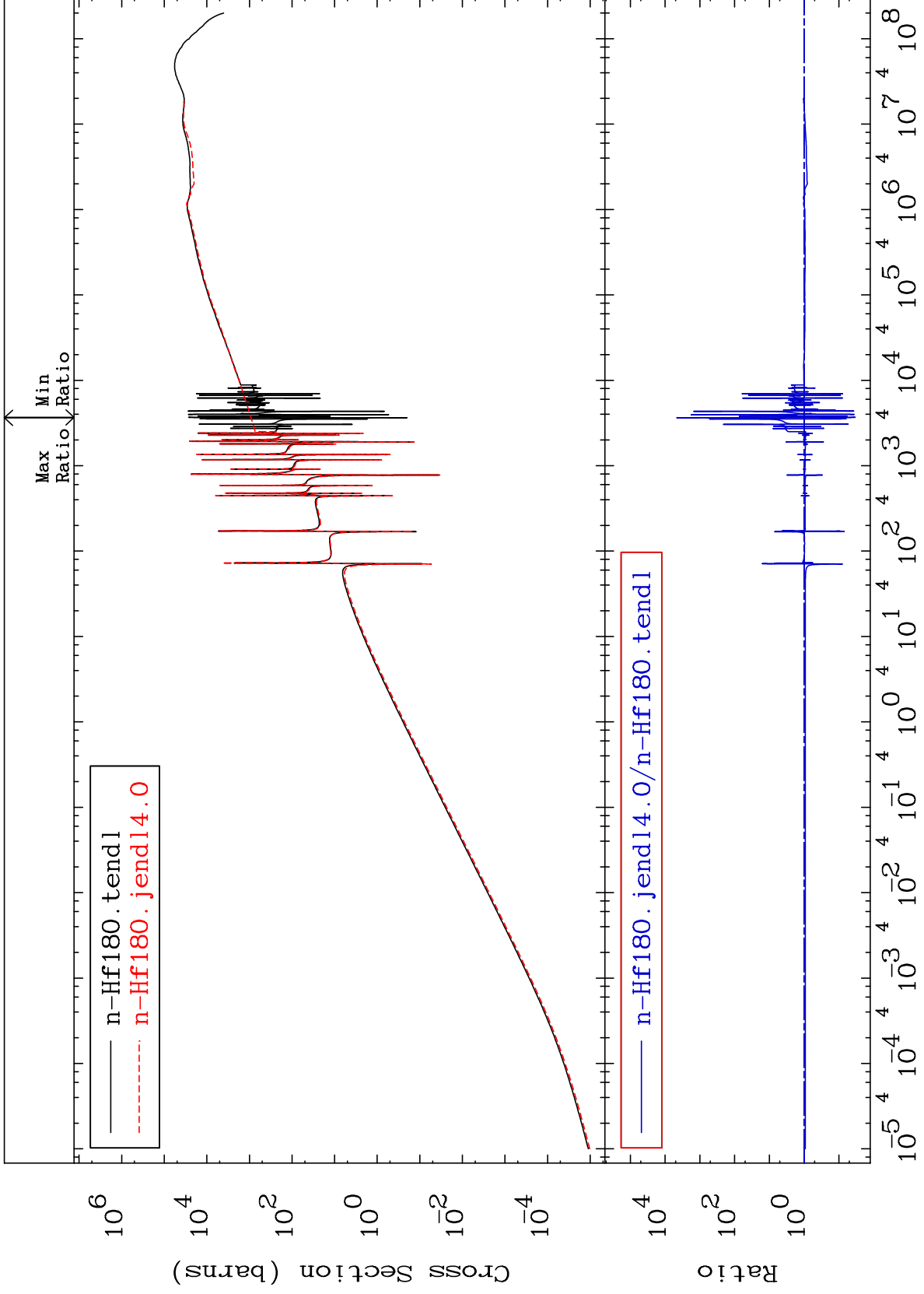
Incident Energy (eV)

72-Hf-180

MAT 7243

Kerma elastic
Cross Section

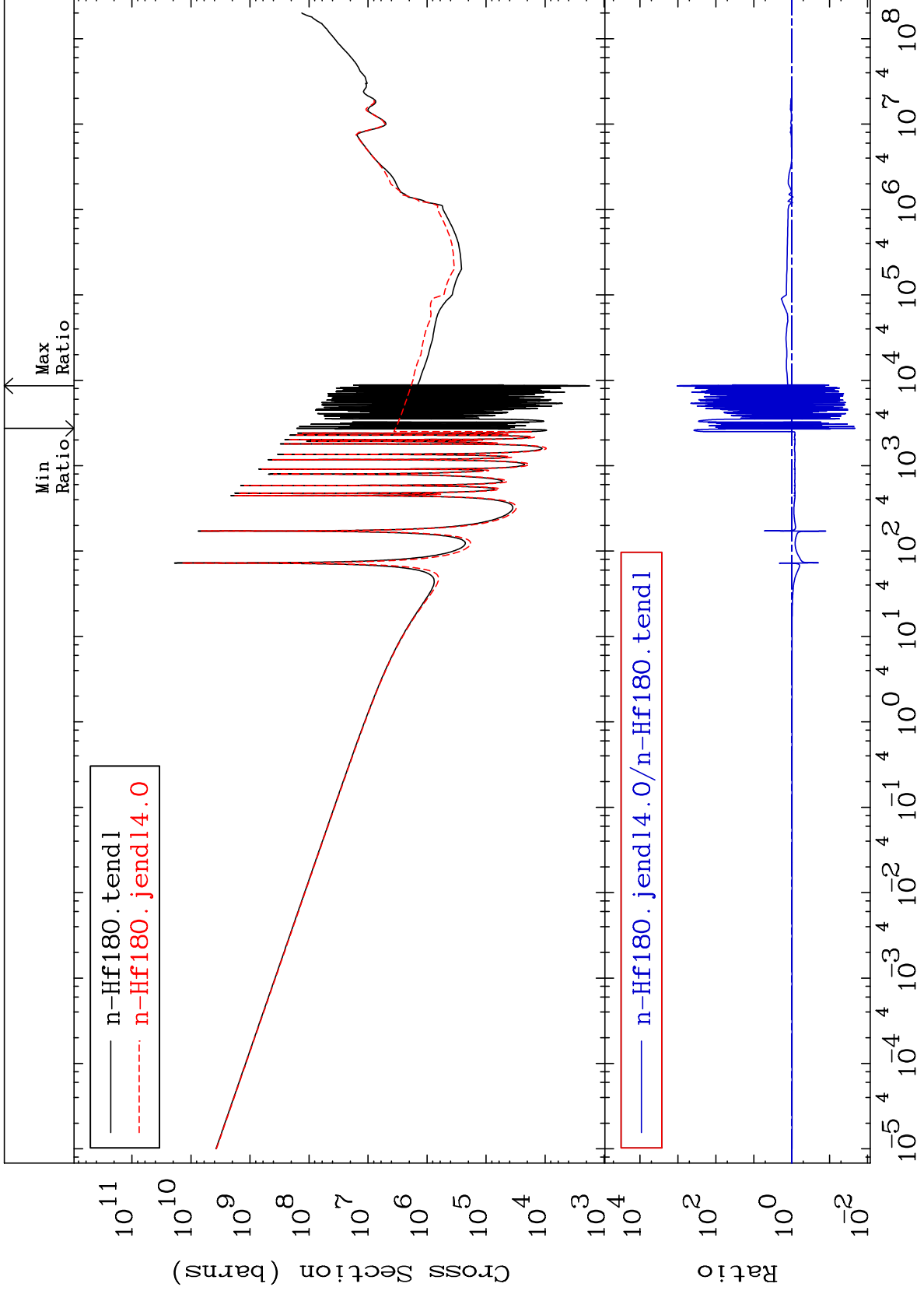
72-Hf-180
-96.58 To 9999. %

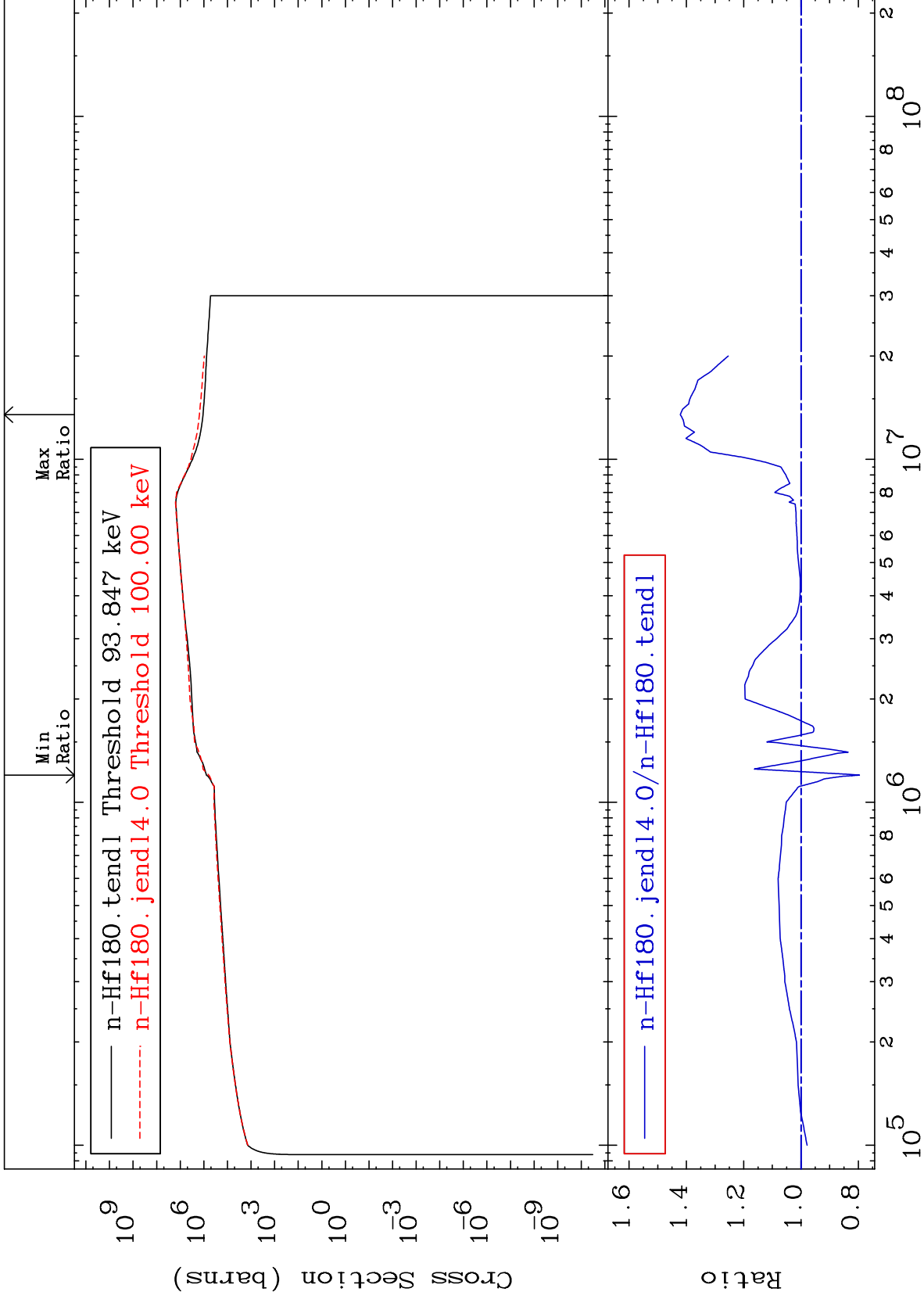


MAT 7243

Kerma non-elastic (all but mt2)
Cross Section

72-Hf-180
-97.87 To 9999. %

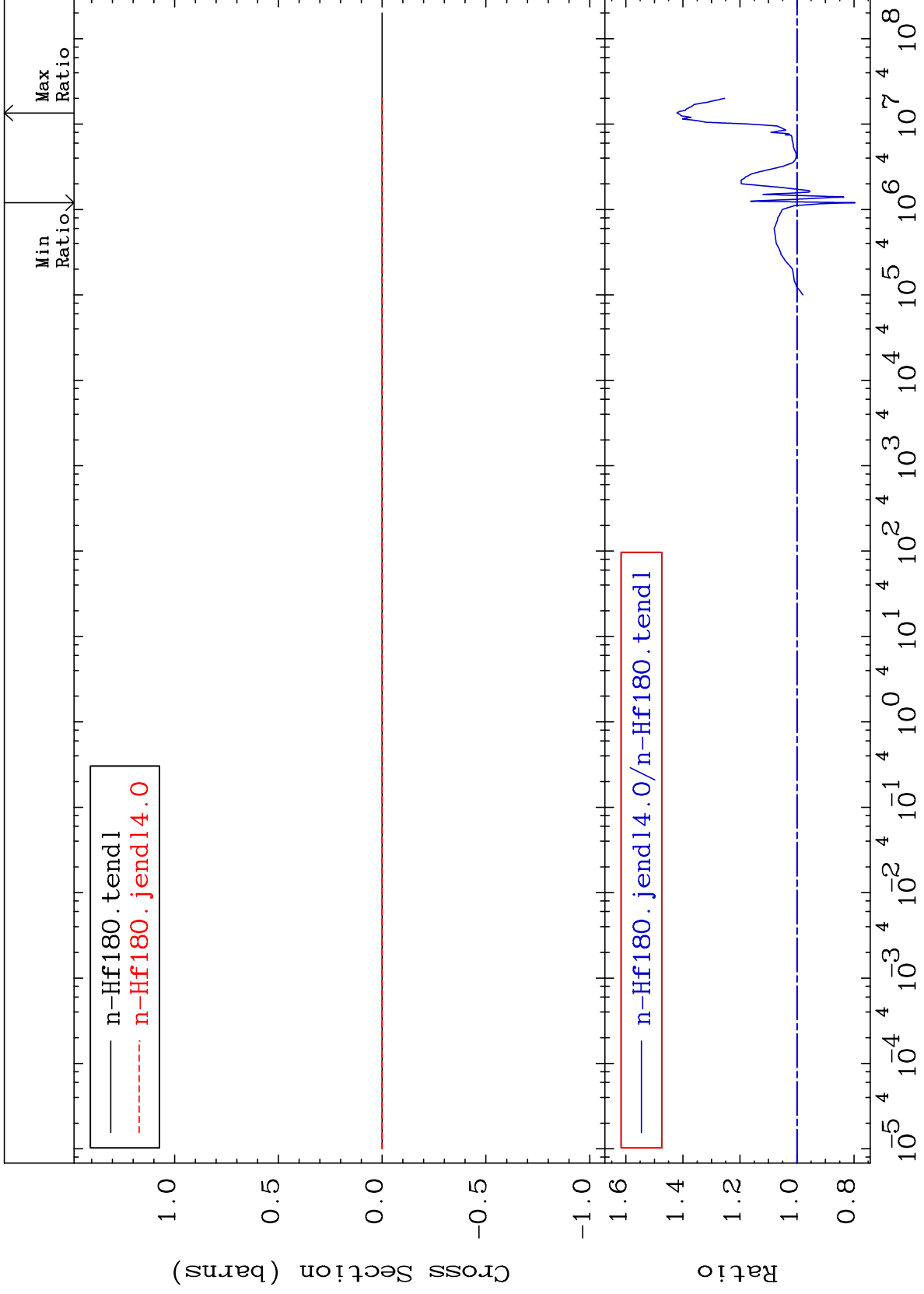




MAT 7243

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

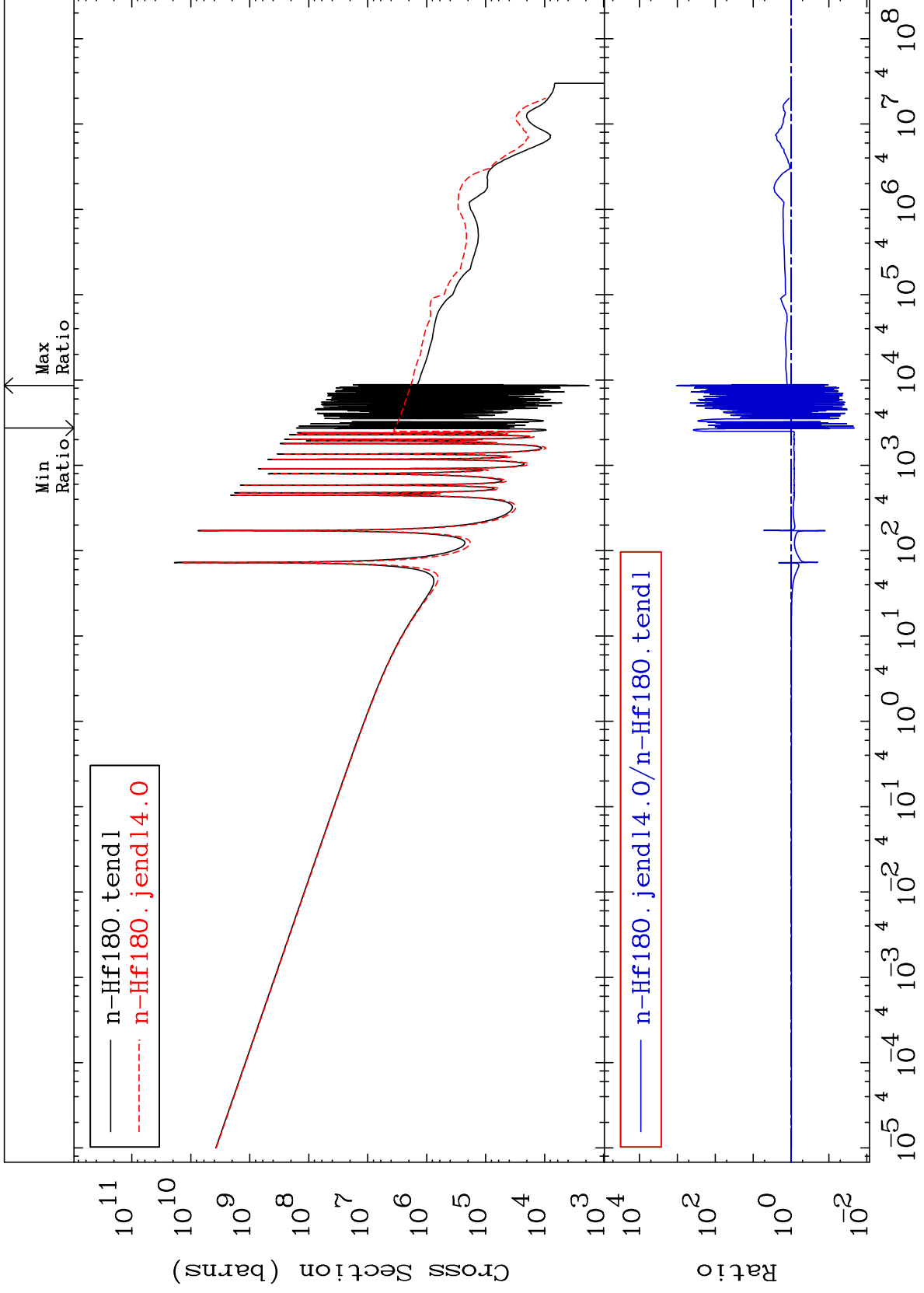
72-Hf-180
-20.40 To 42.10 %



MAT 7243

Kerma capture (mt102)
Cross Section

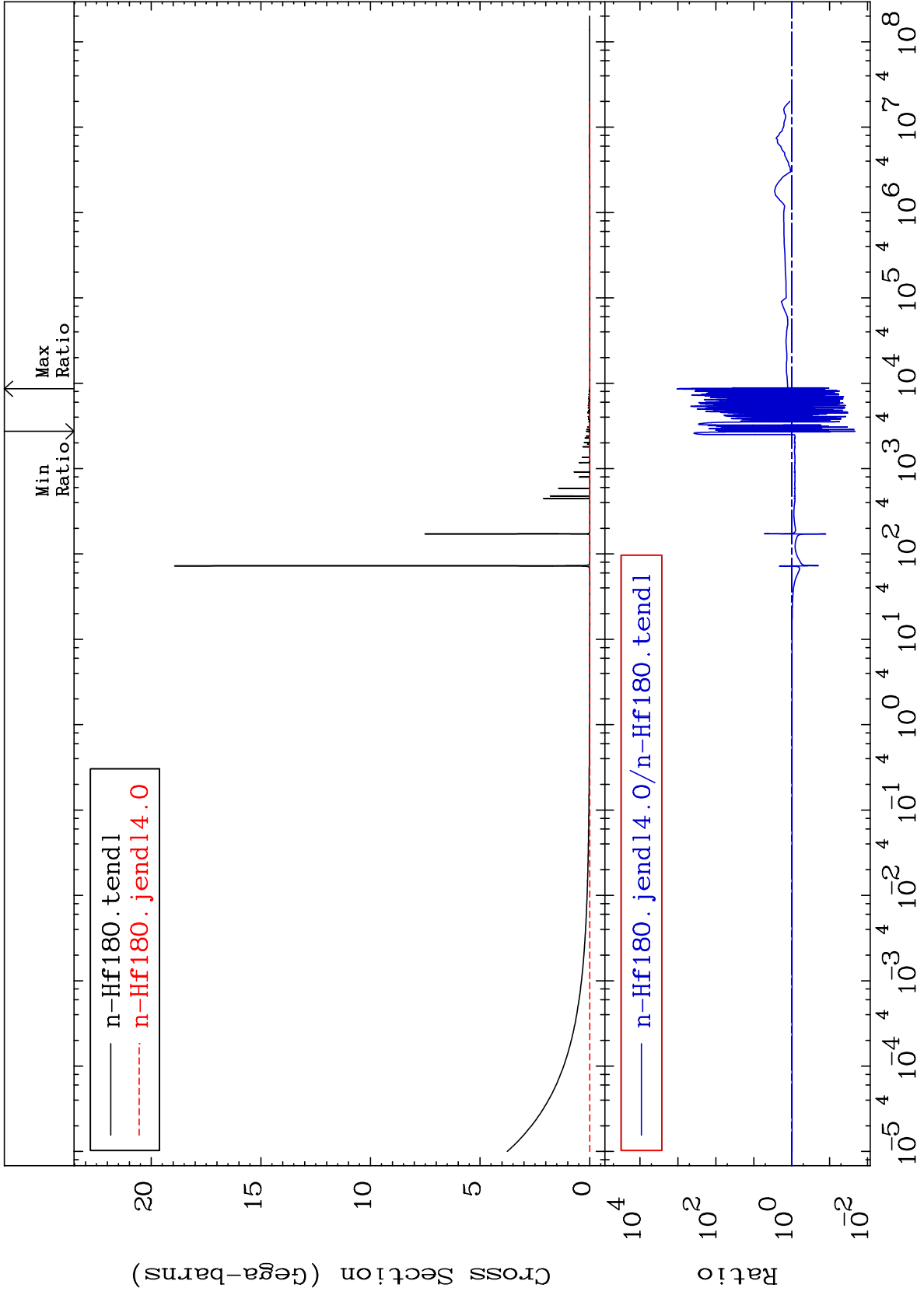
72-Hf-180
-97.87 To 9999. %

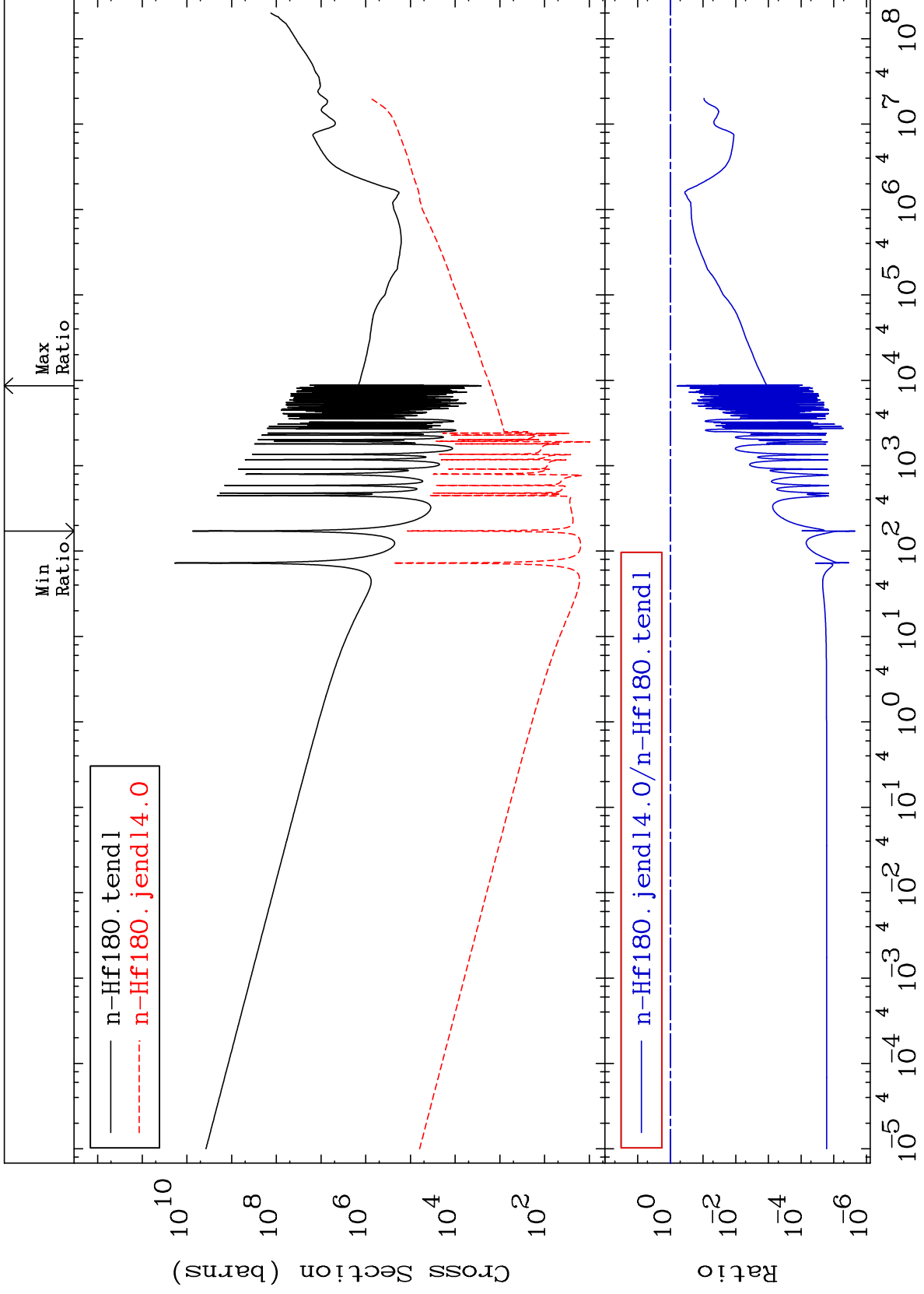


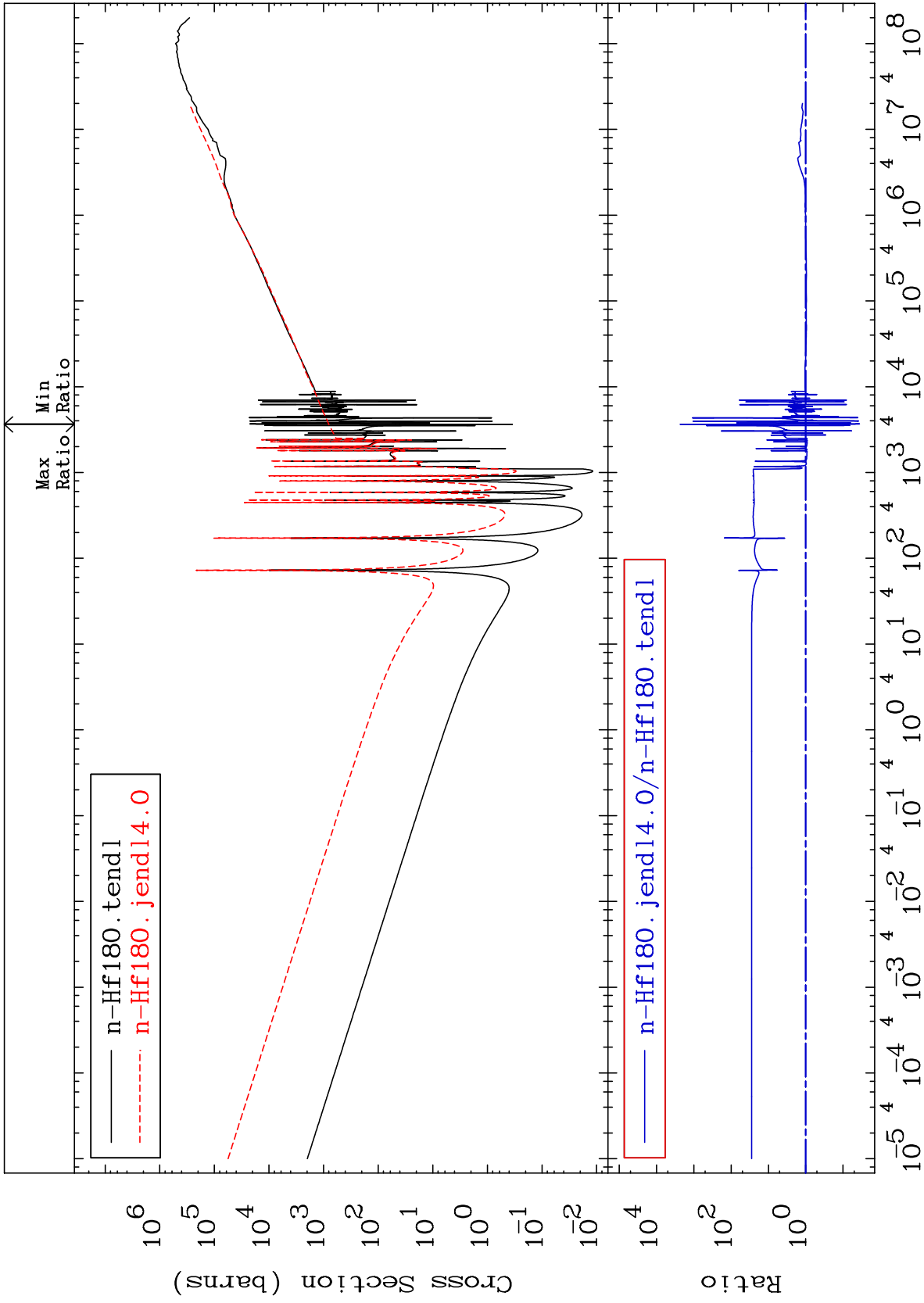
MAT 7243

Total photon (eV-barns)
Cross Section

72-Hf-180
-97.87 To 9999. %



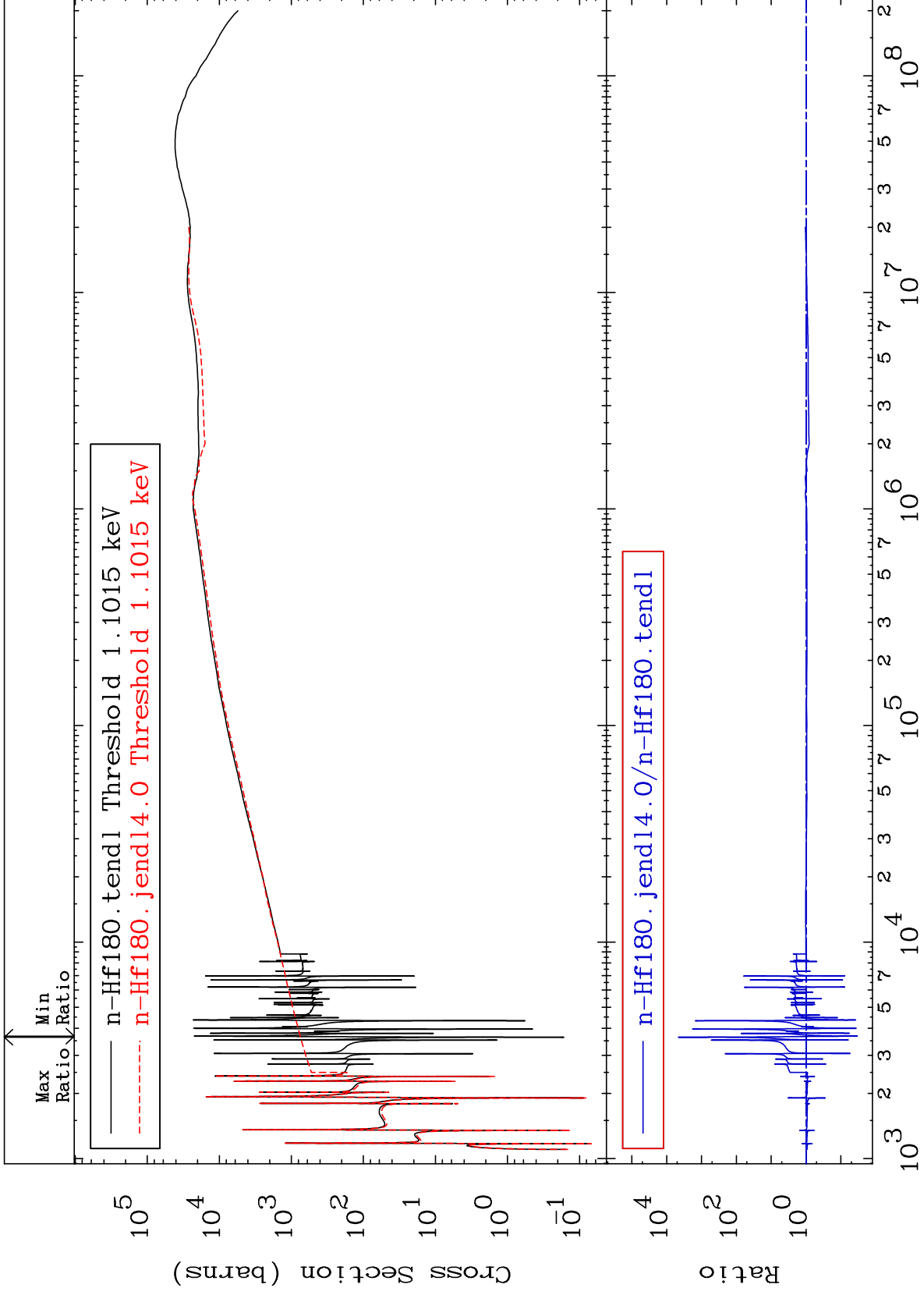




MAT 7243

Dpa elastic (mt2)
Cross Section

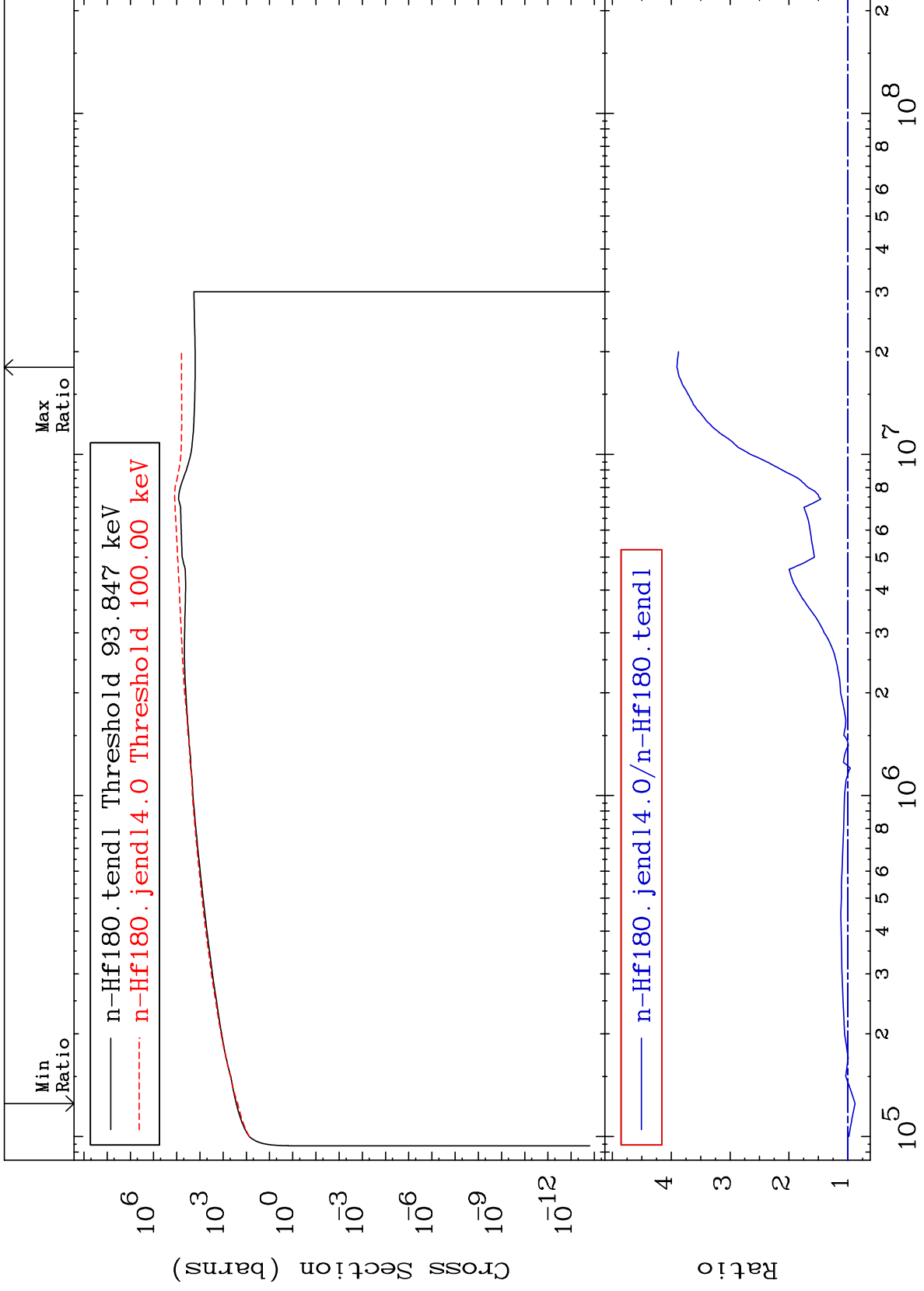
72-Hf-180
-96.62 To 9999. %



MAT 7243

Dpa inelastic (mt51-91)
Cross Section

72-Hf-180
-12.37 To 290.4 %



MAT 7243

Dpa disappearance (mt102 -120)
Cross Section

72-Hf-180
-29.59 To 9999. %

