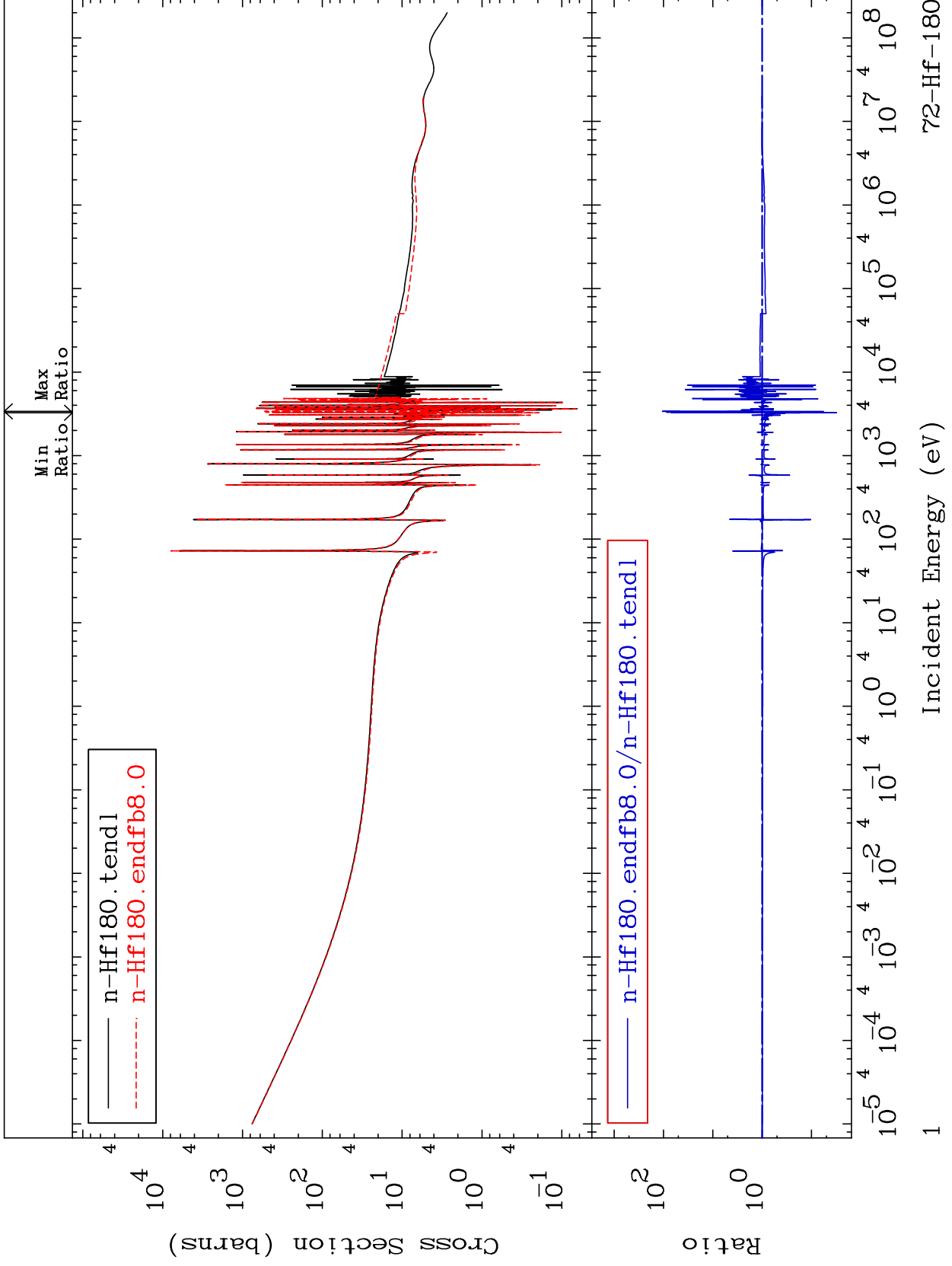


MAT 7243

Total
Cross Section

72-Hf-180
-96.90 To 9999. %



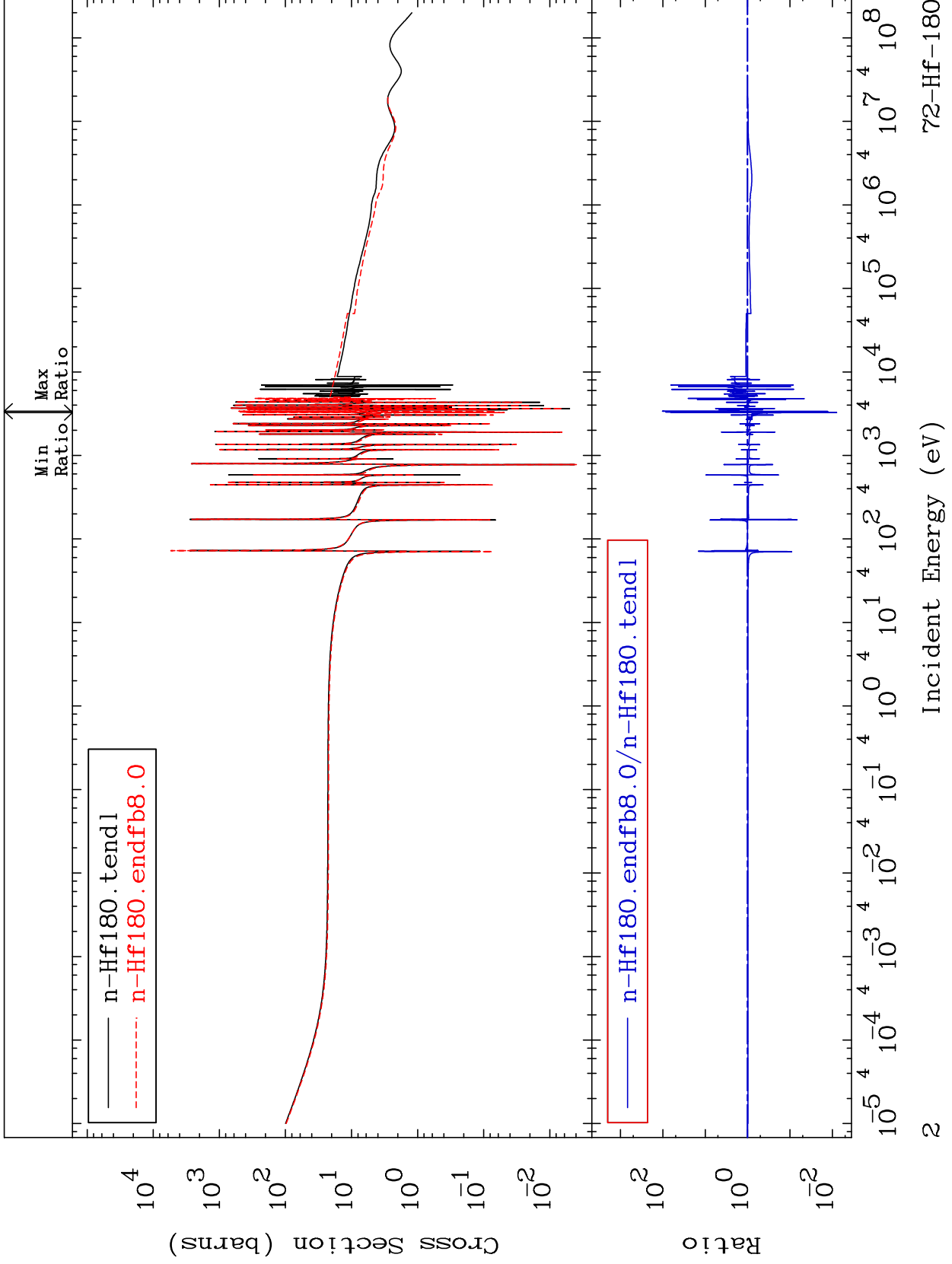
Incident Energy (eV)

72-Hf-180

MAT 7243

Elastic
Cross Section

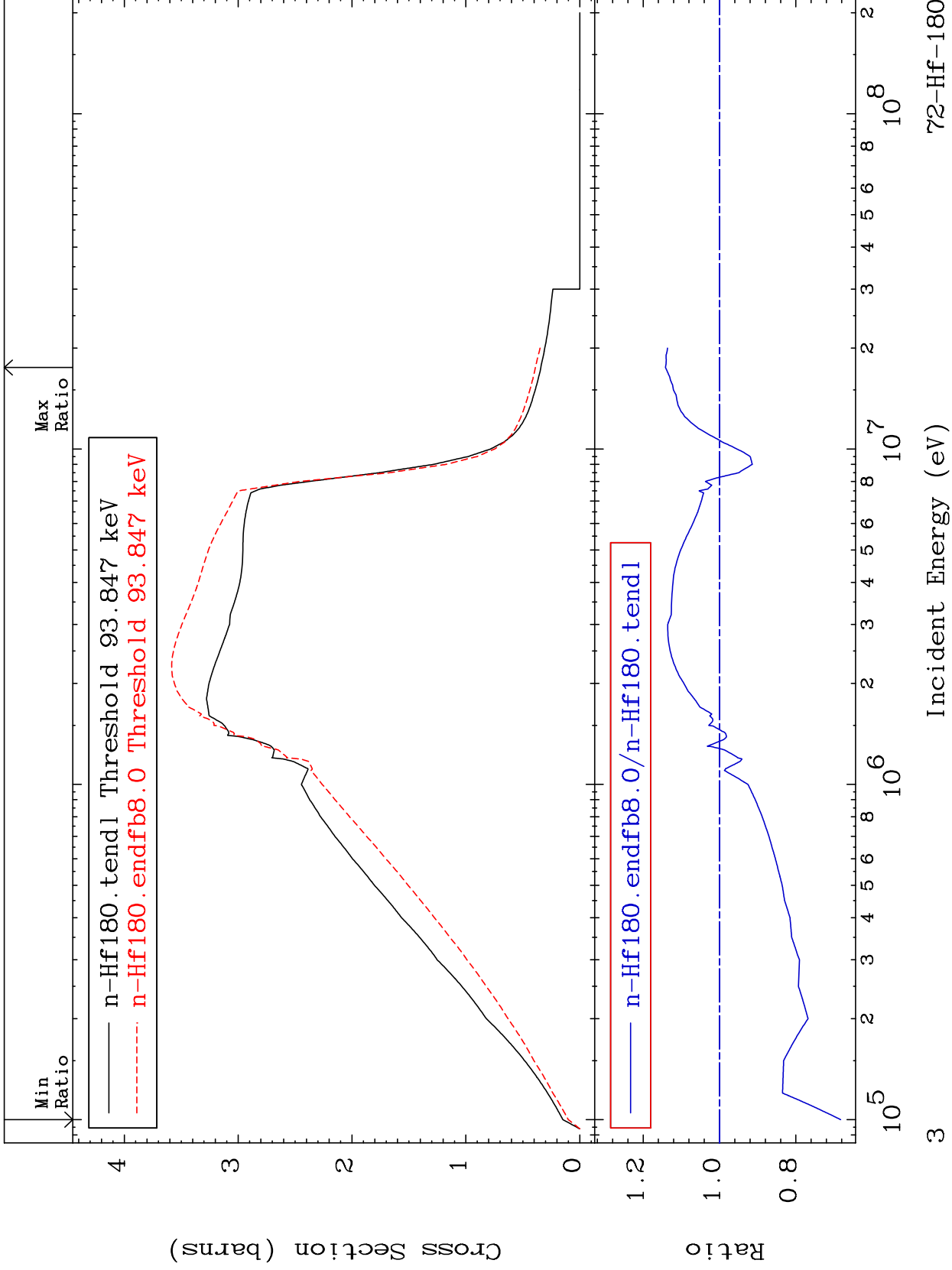
72-Hf-180
-99.21 To 9999. %



MAT 7243

Inelastic
Cross Section

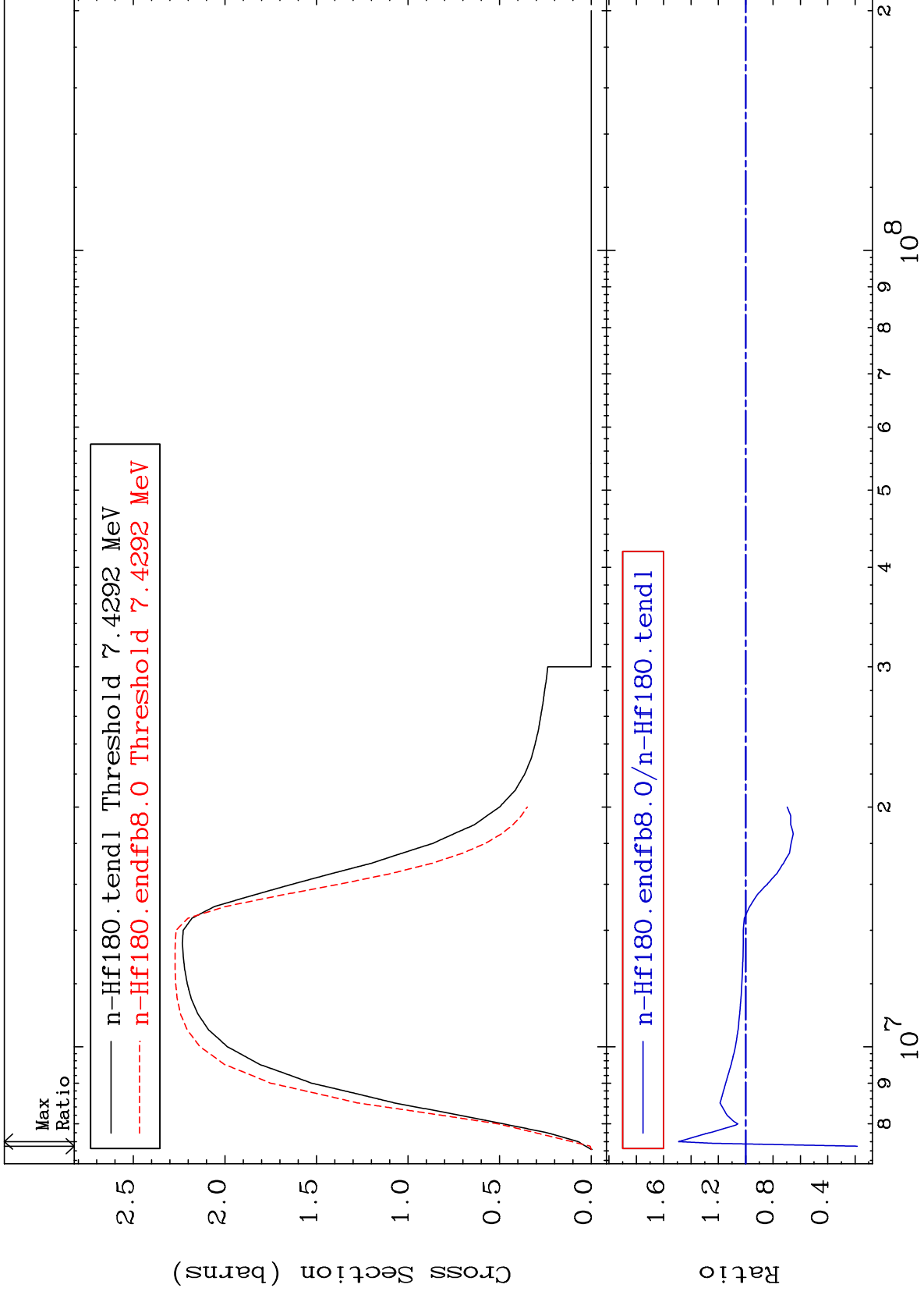
72-Hf-180
-31.73 To 14.15 %



MAT 7243

(n,2n)
Cross Section

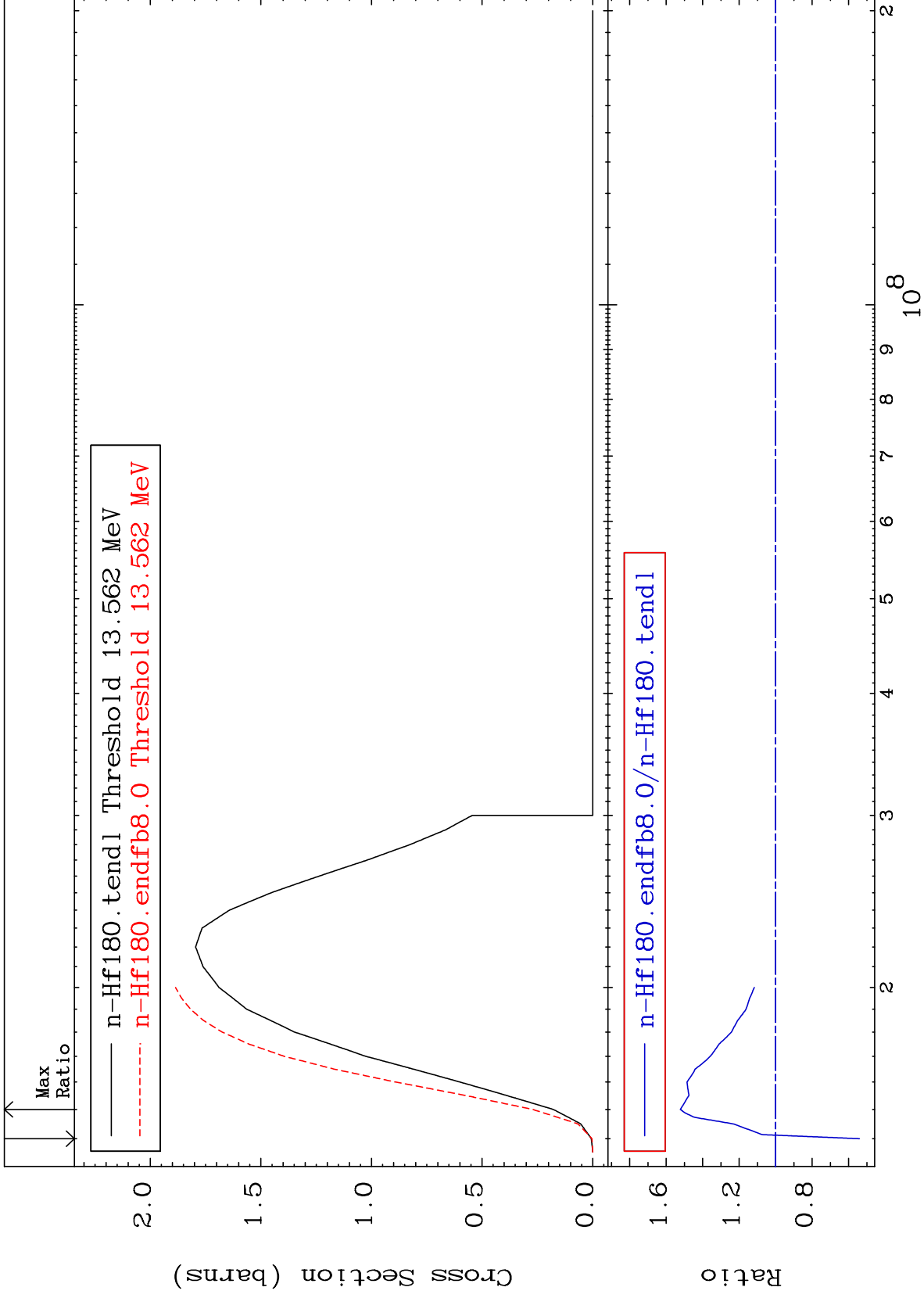
72-Hf-180
-81.58 To 49.06 %



4

Incident Energy (eV)

72-Hf-180



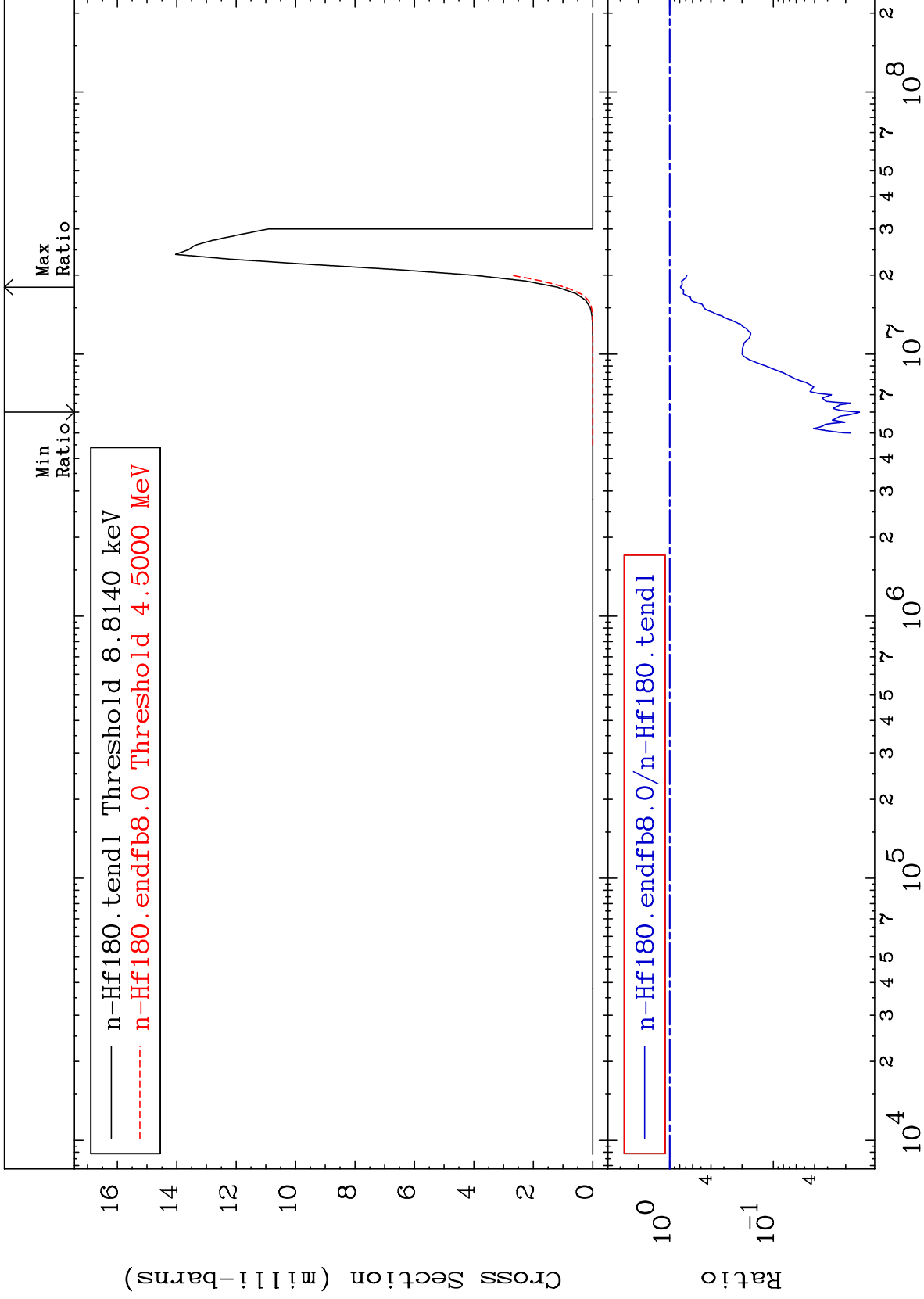
MAT 7243

(n, n') α

Cross Section

72-Hf-180

-98.52 To -21.14%



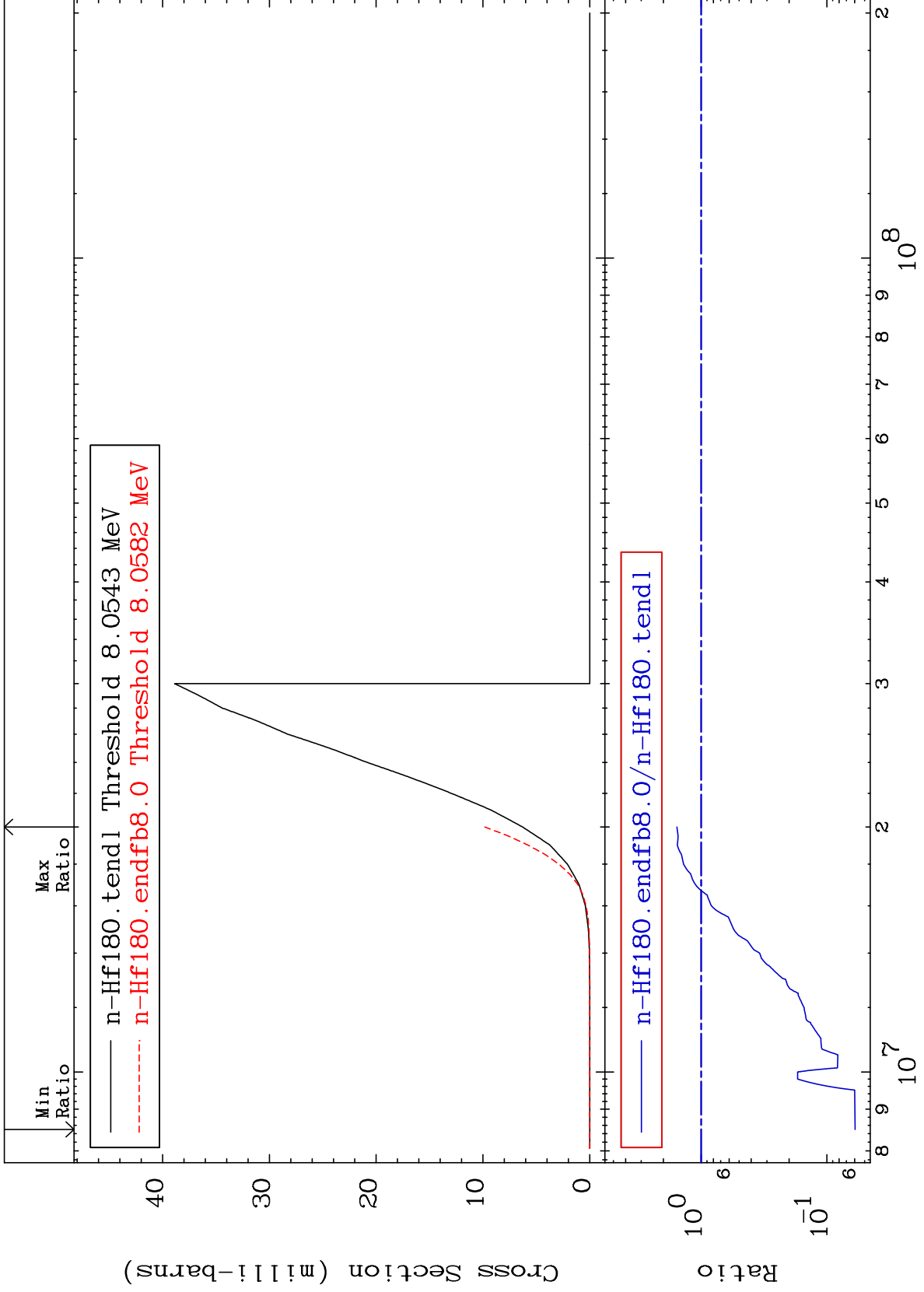
Incident Energy (eV)

72-Hf-180

MAT 7243

(n,n') p
Cross Section

72-Hf-180
-94.04 To 56.00 %



7

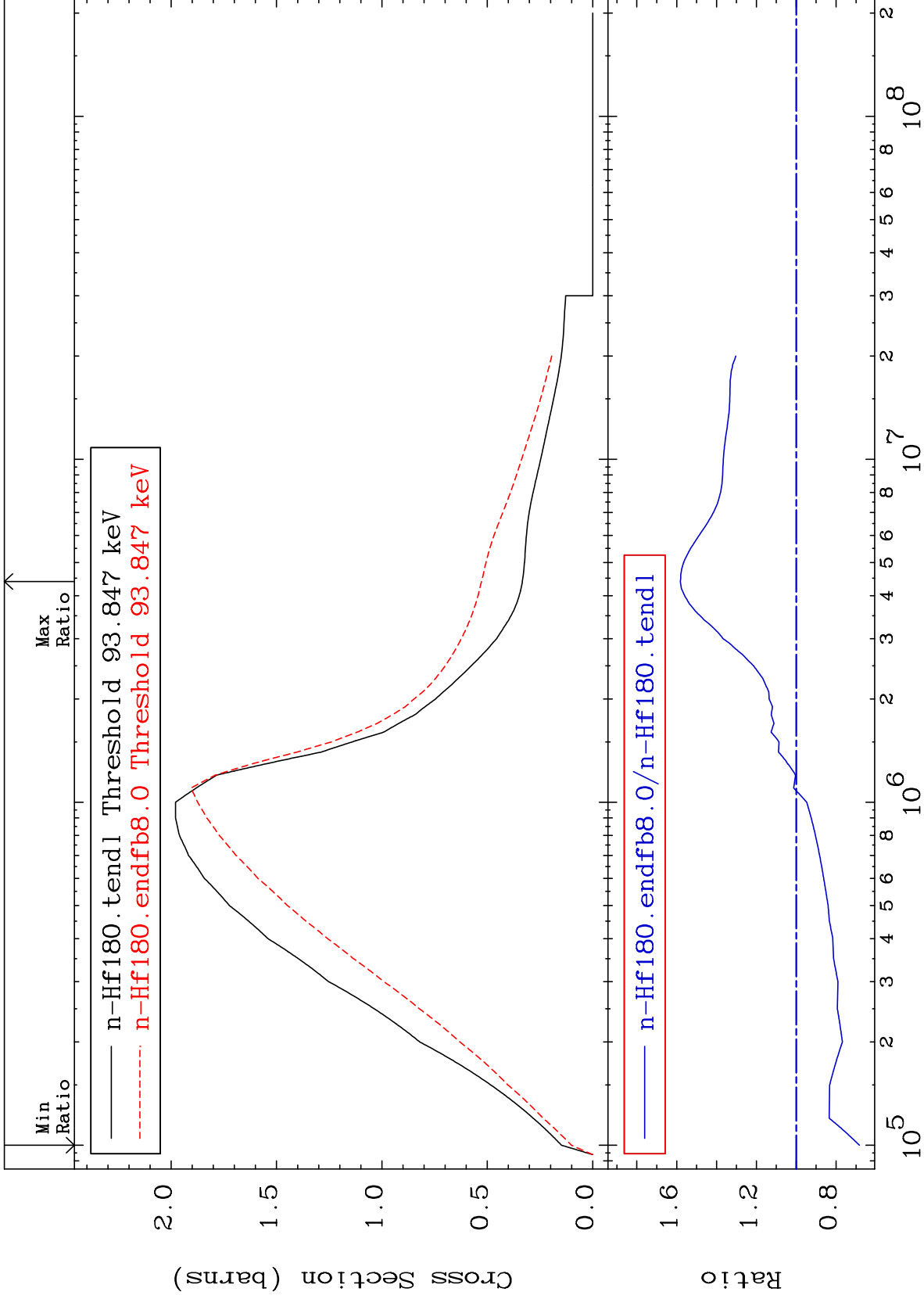
Incident Energy (eV)

72-Hf-180

MAT 7243

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

72-Hf-180
-31.73 To 58.15 %



8

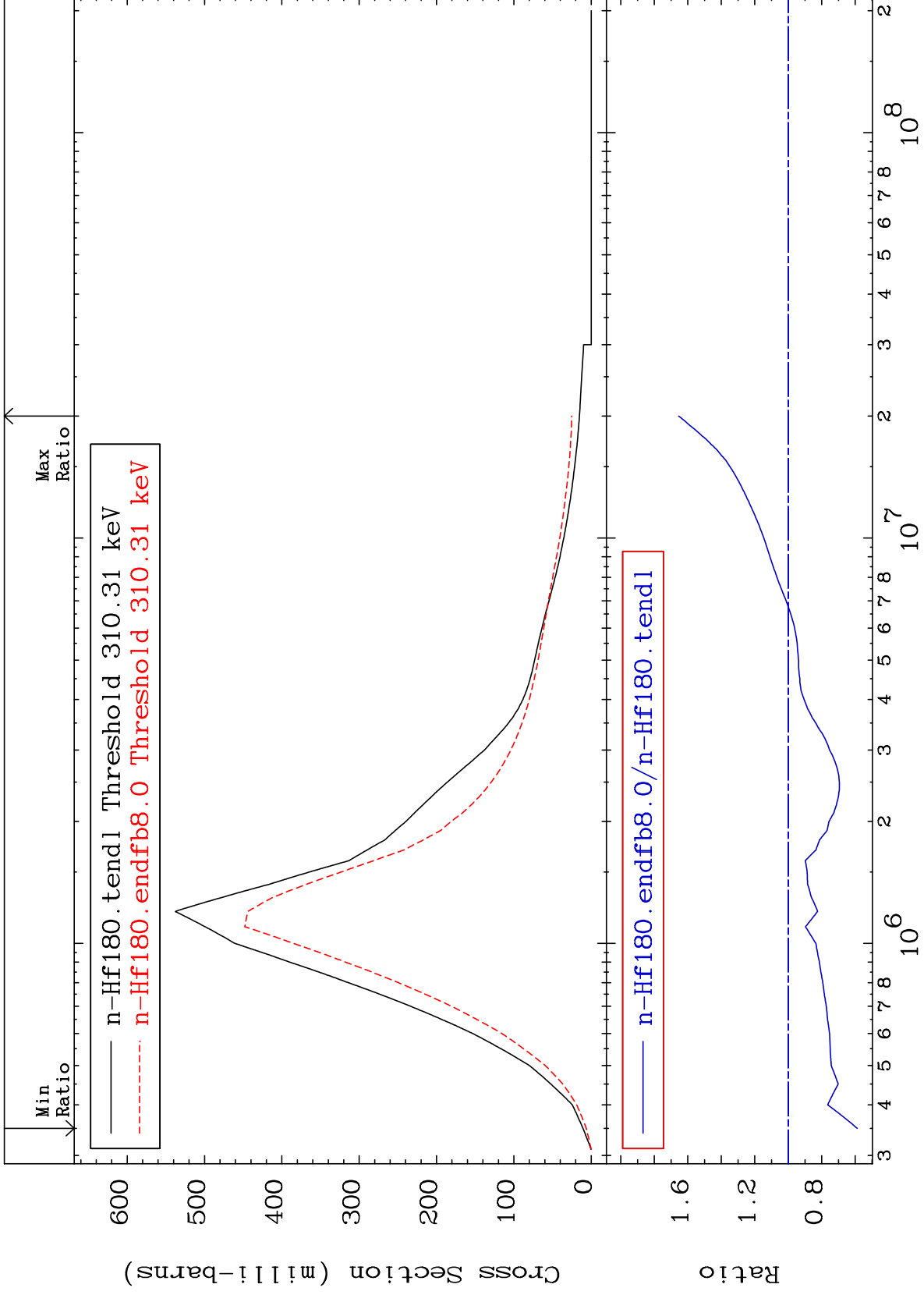
Incident Energy (eV)

72-Hf-180

MAT 7243

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

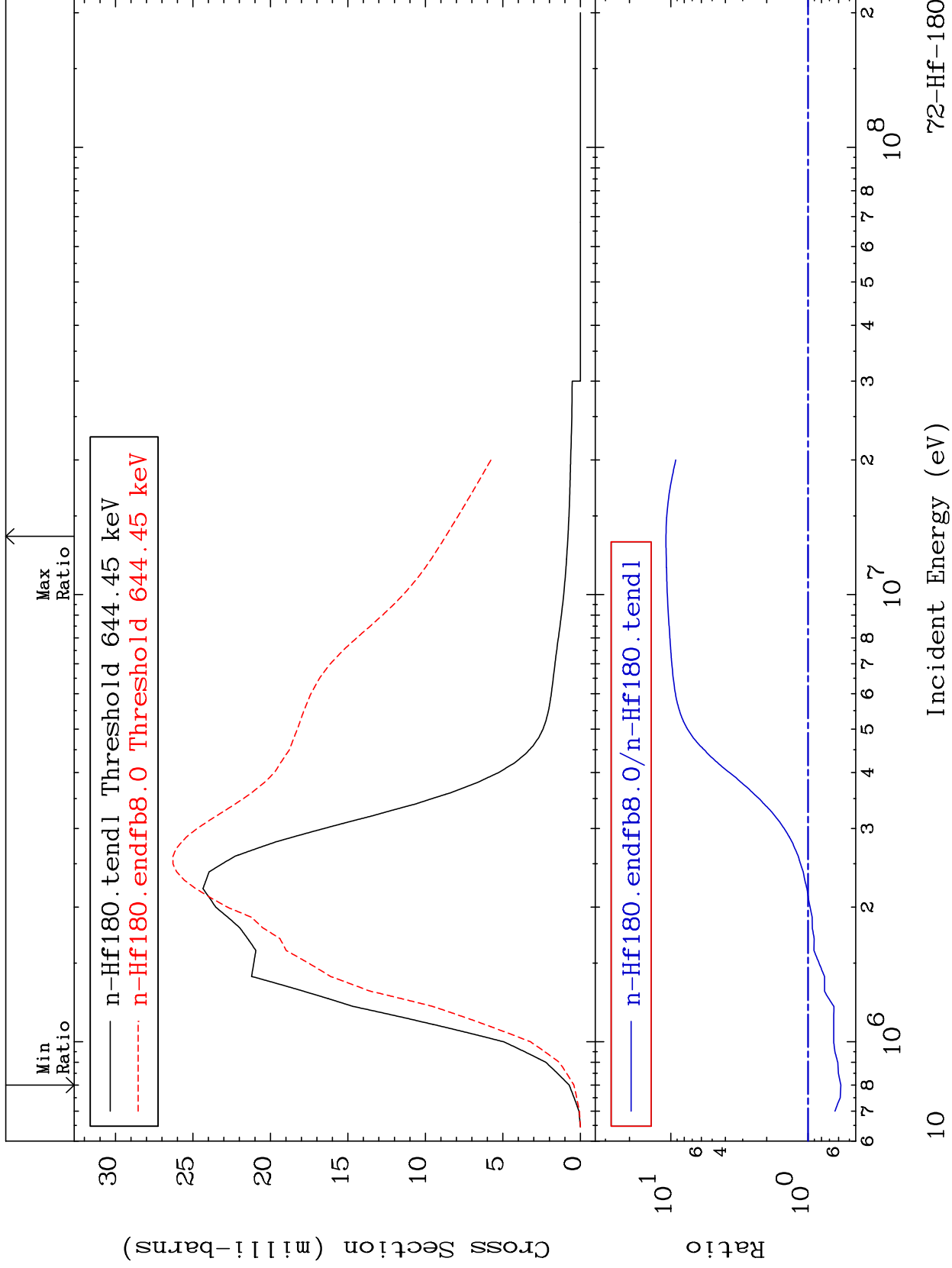
72-Hf-180
-41.19 To 65.47 %



MAT 7243

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

72-Hf-180
-42.25 To 985.5 %



10

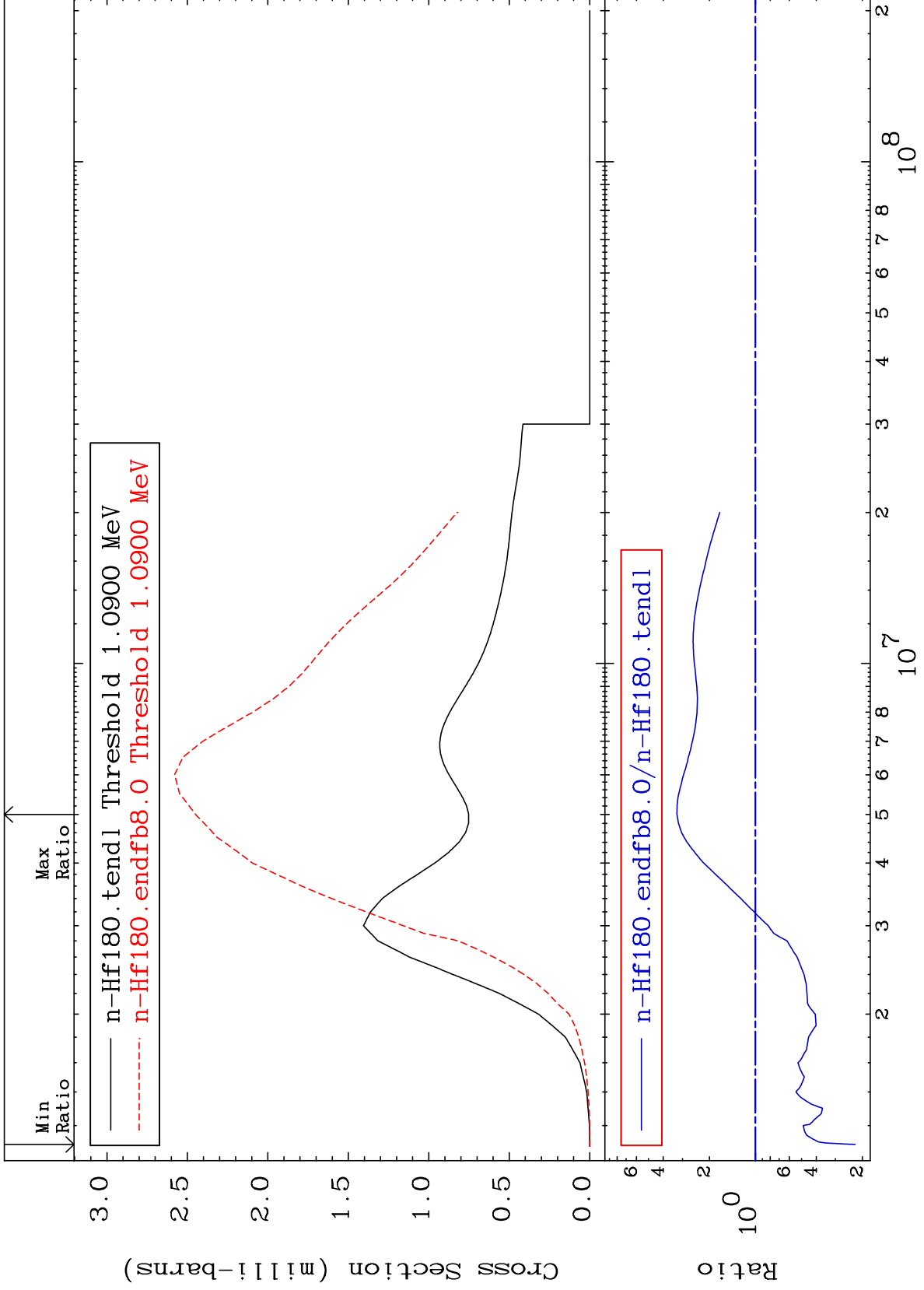
Incident Energy (eV)

72-Hf-180

MAT 7243

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

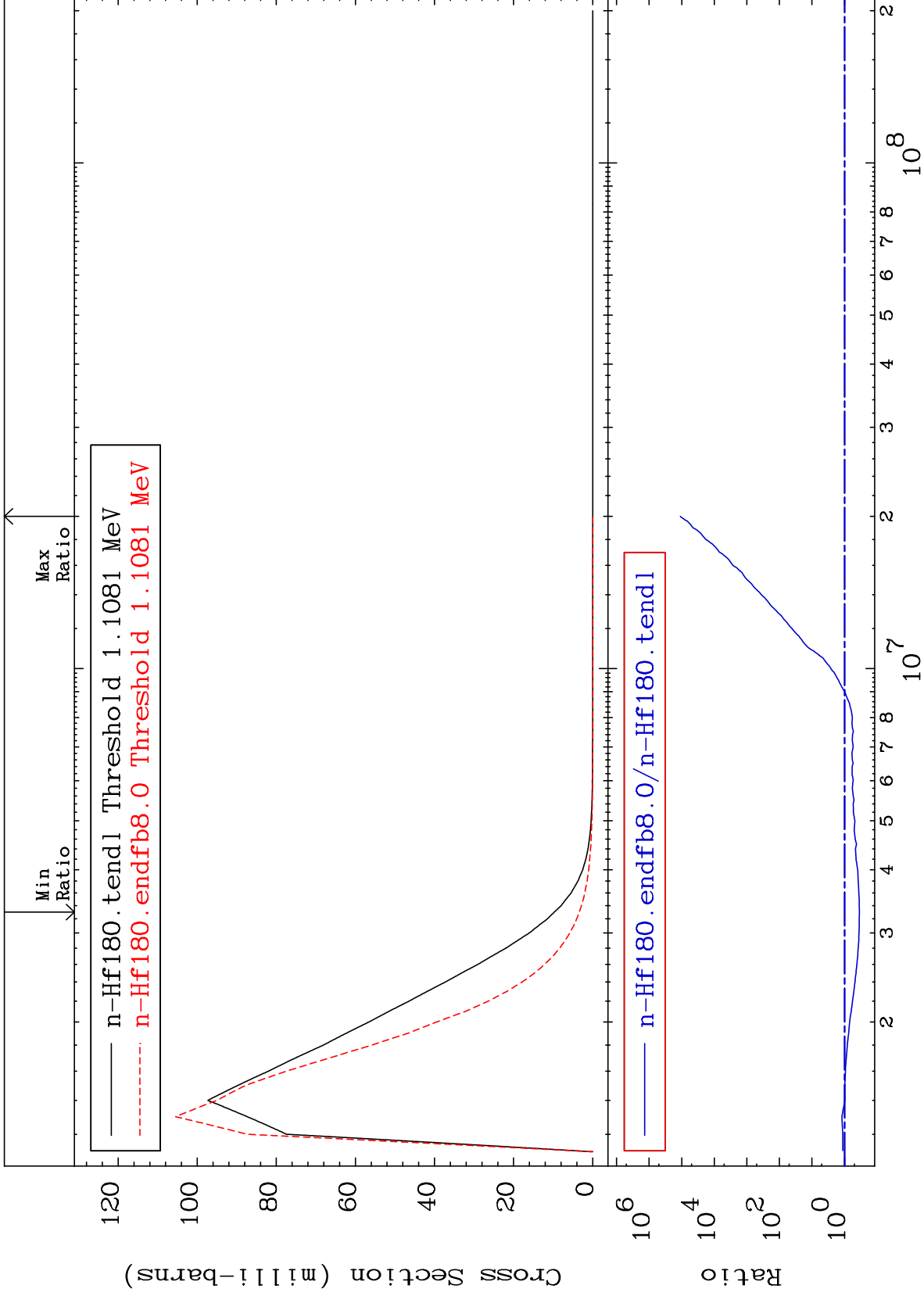
72-Hf-180
-77.69 To 225.8 %



MAT 7243

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

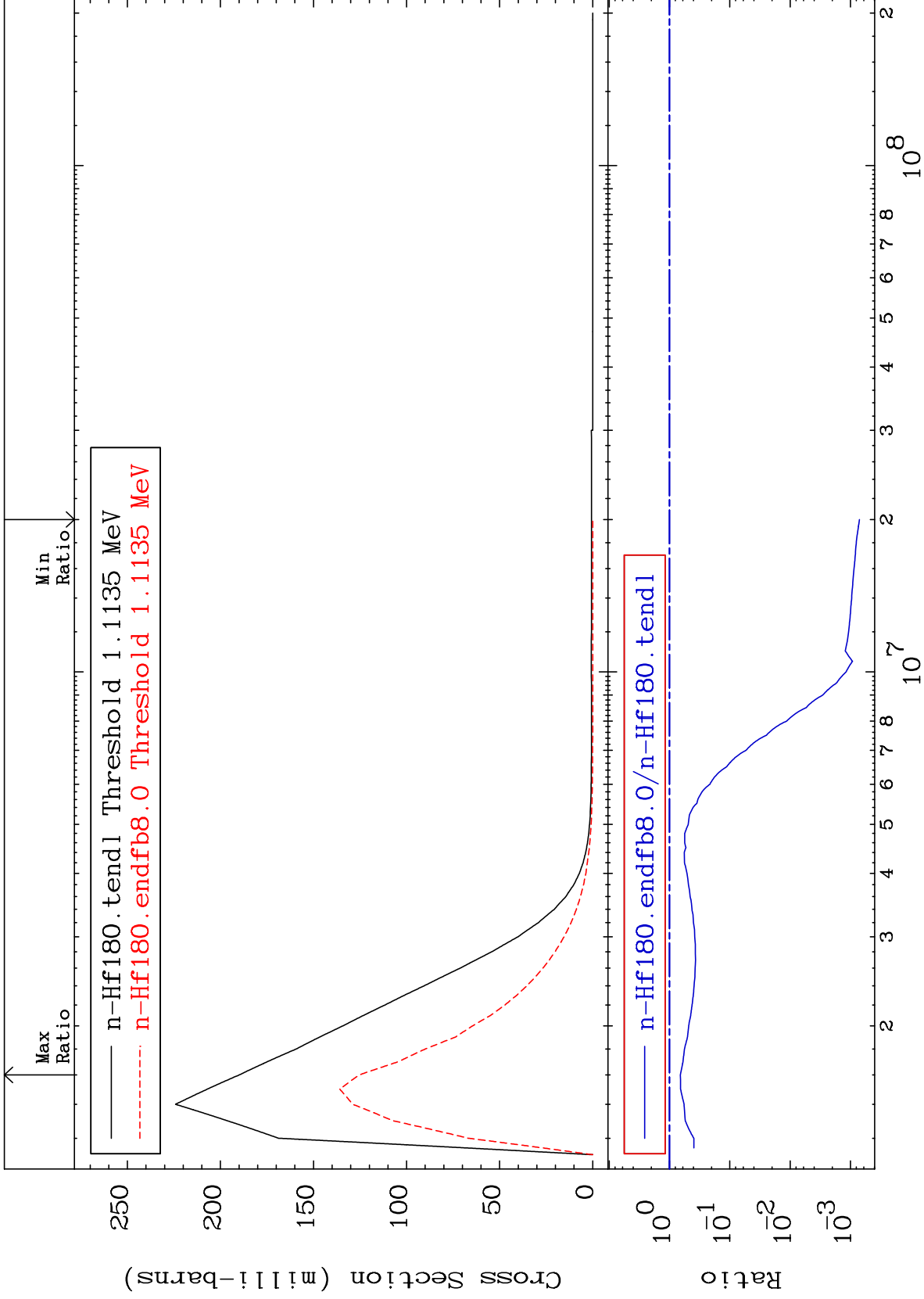
72-Hf-180
-65.12 To 9999. %



MAT 7243

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

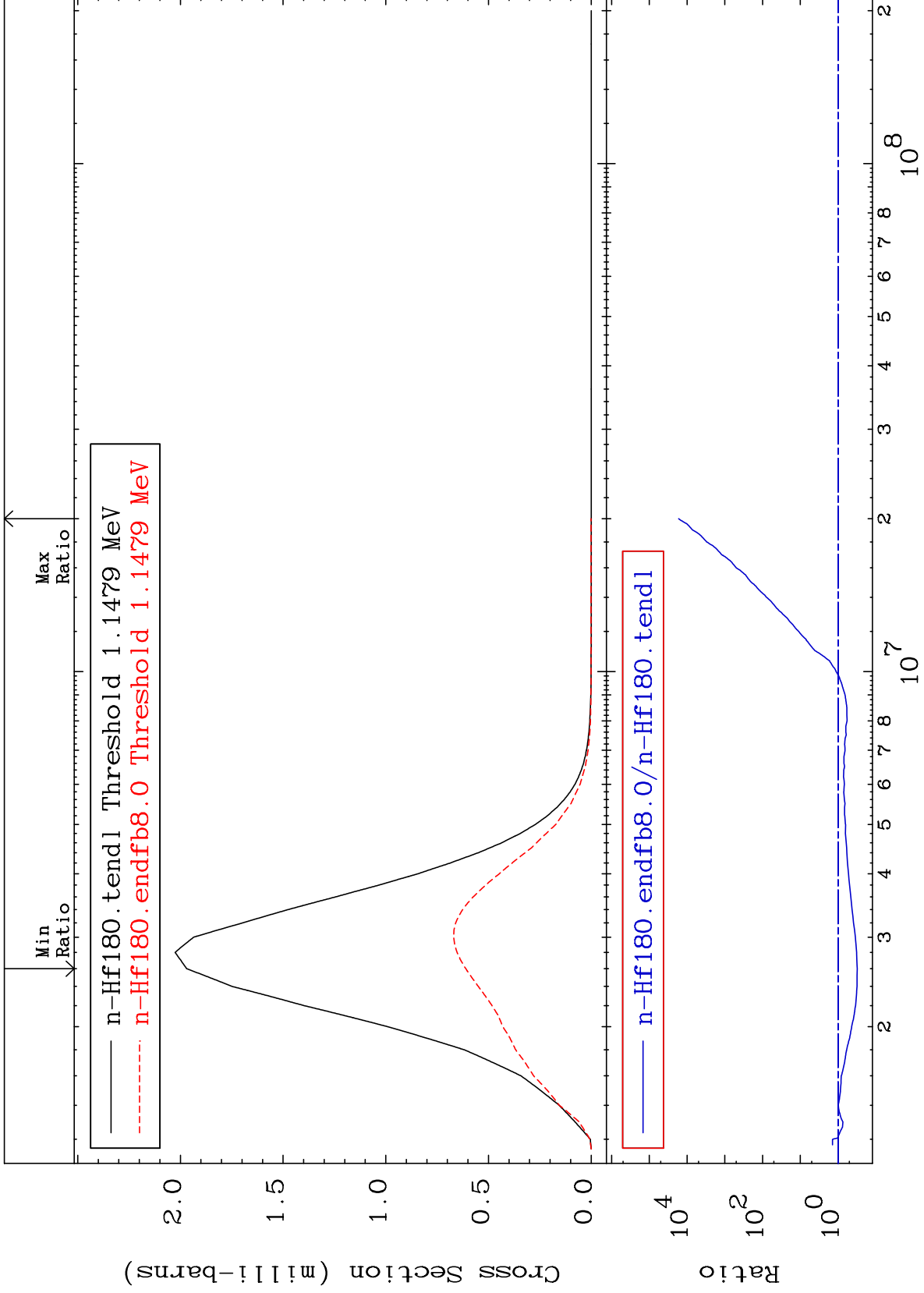
72-Hf-180
-99.93 To -33.94%



MAT 7243

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

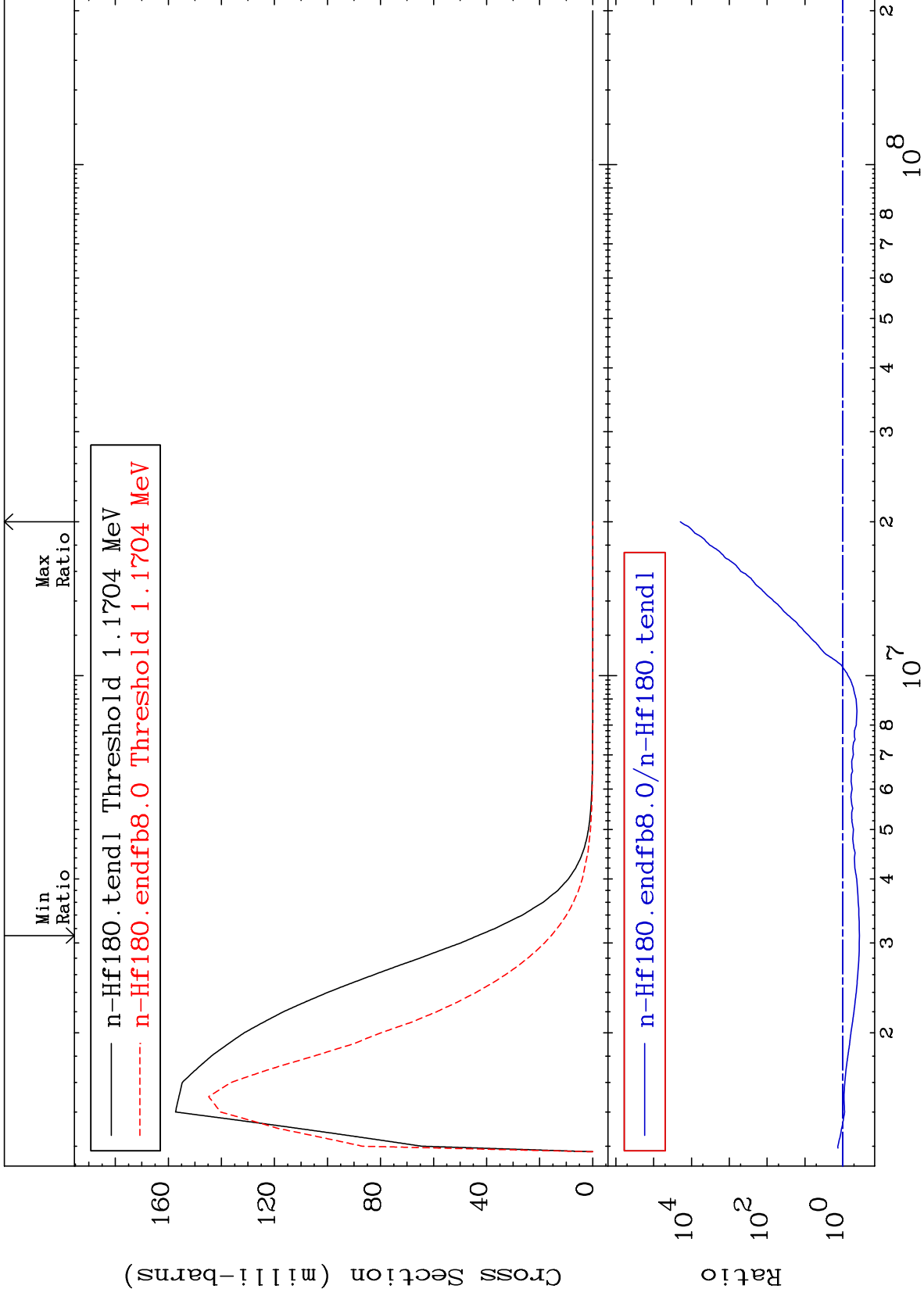
72-Hf-180
-68.99 To 9999. %



MAT 7243

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

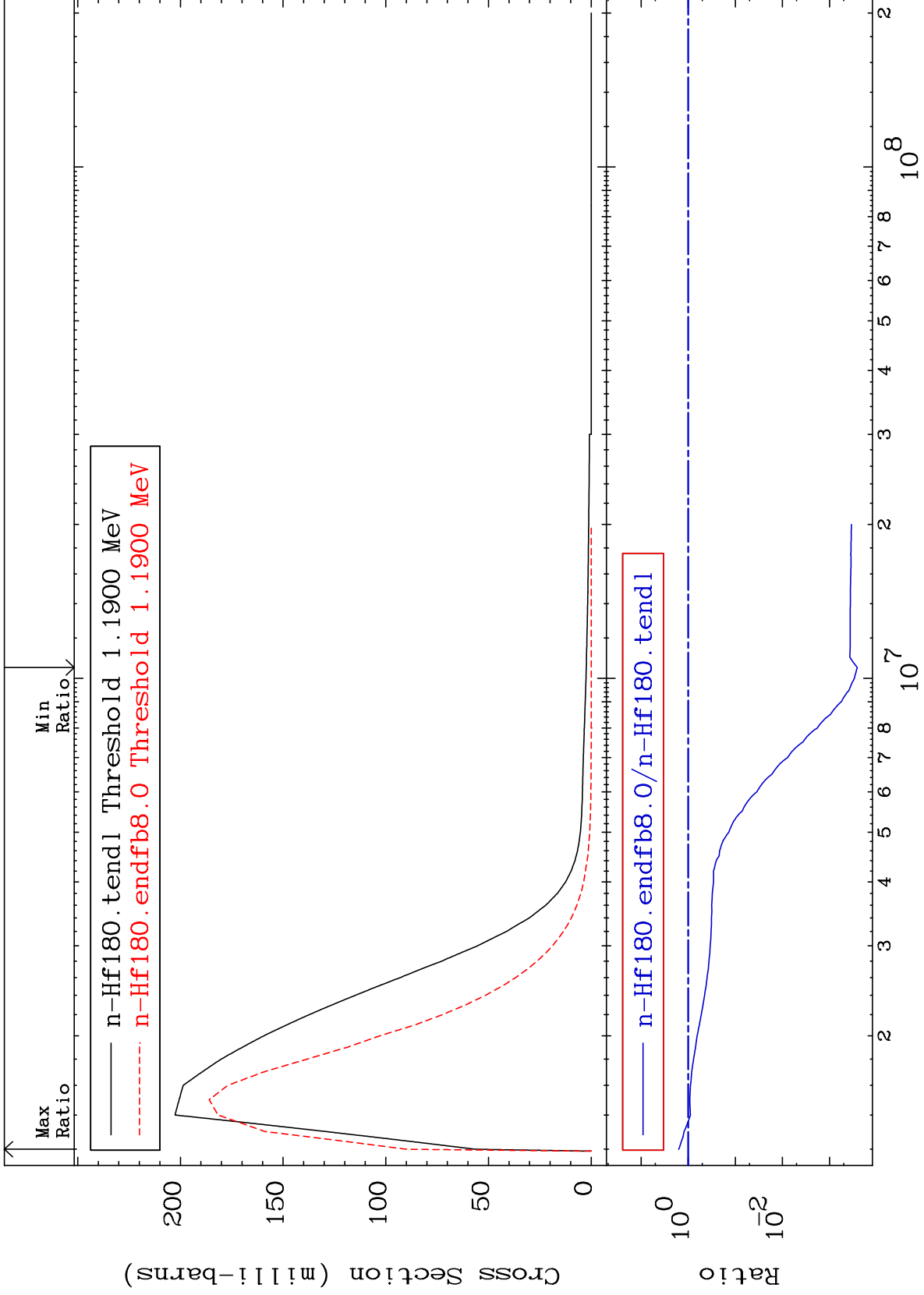
72-Hf-180
-63.86 To 9999. %



MAT 7243

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

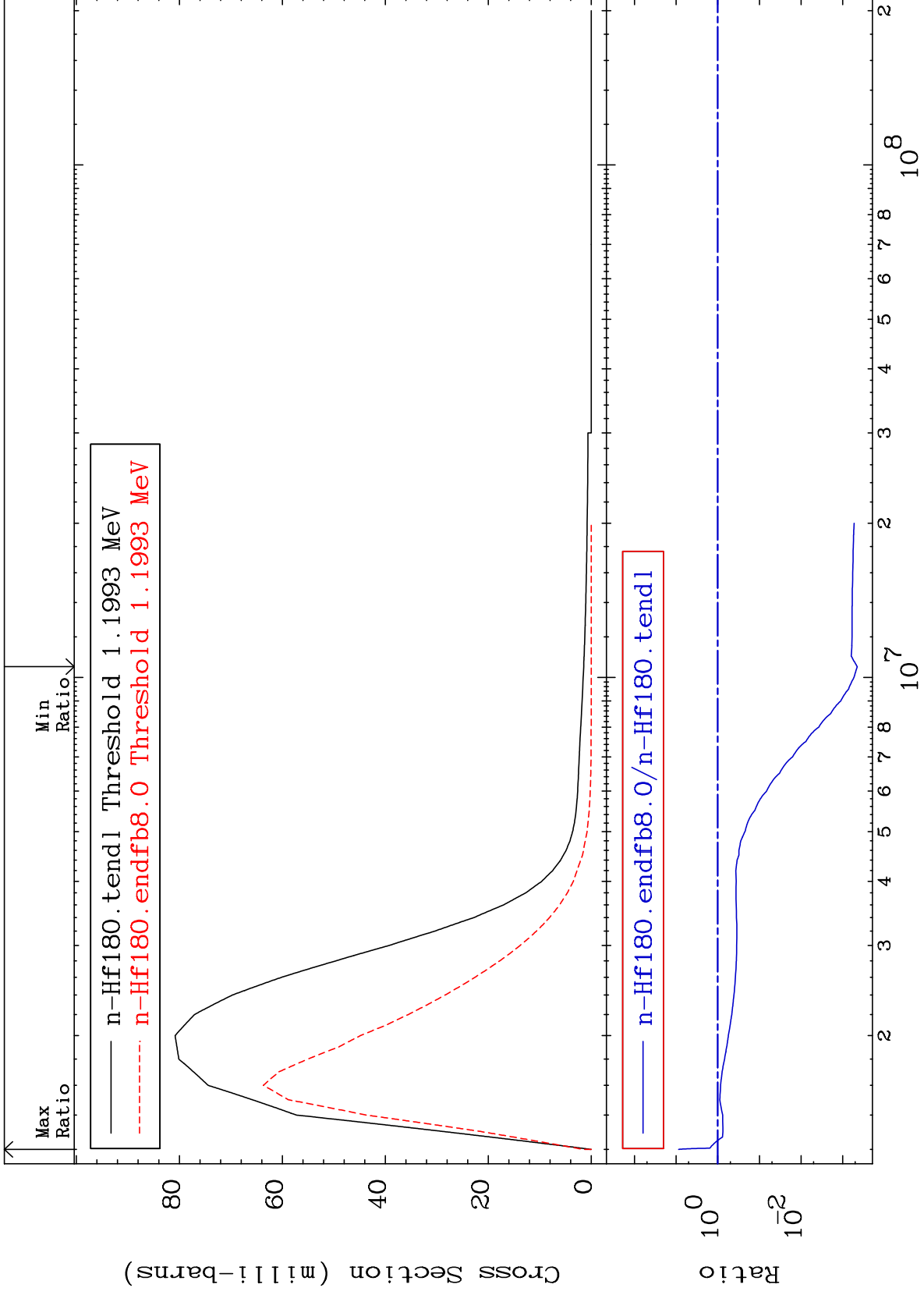
72-Hf-180
-99.97 To 59.40 %



MAT 7243

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

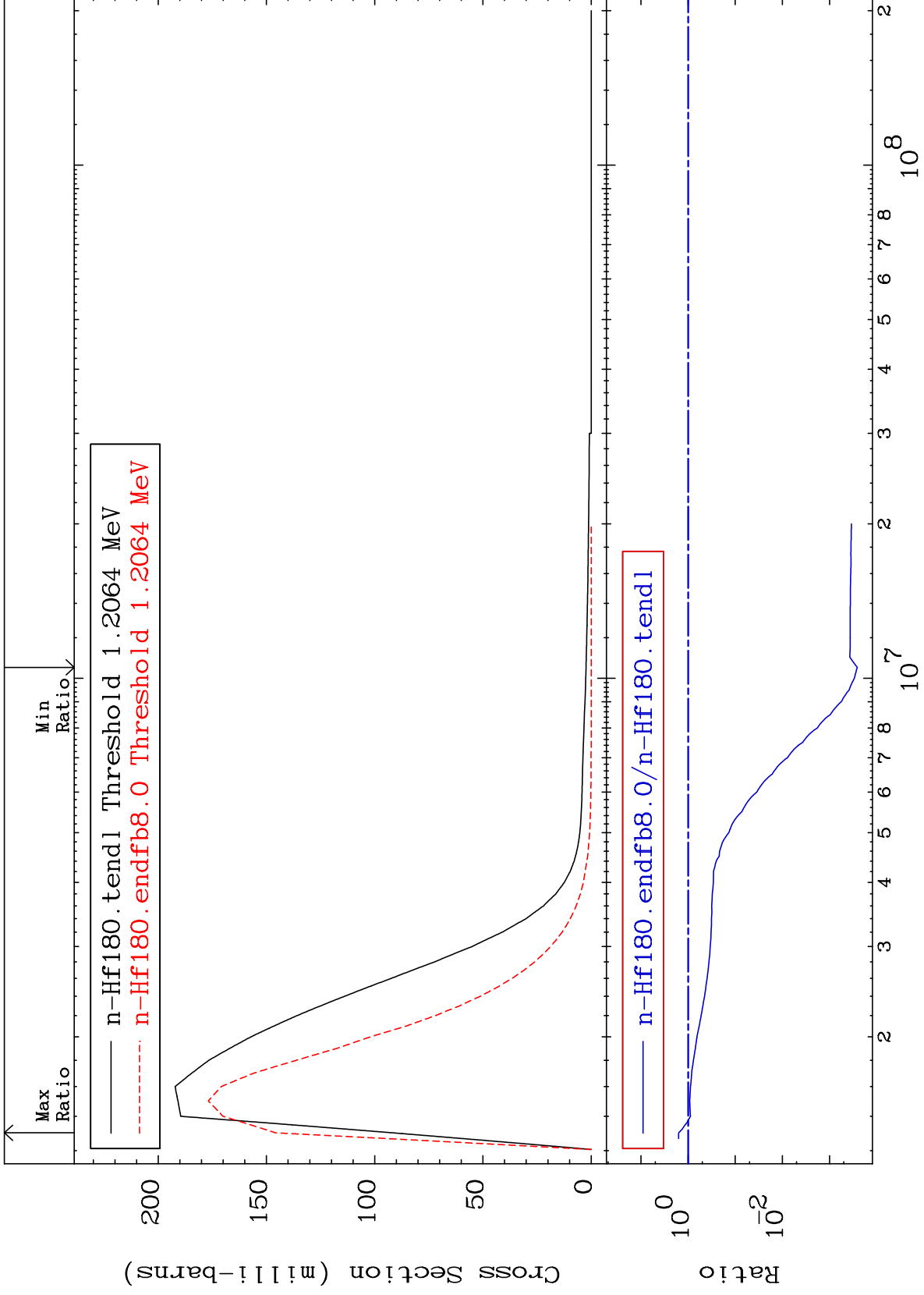
72-Hf-180
-99.96 To 768.3 %



MAT 7243

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

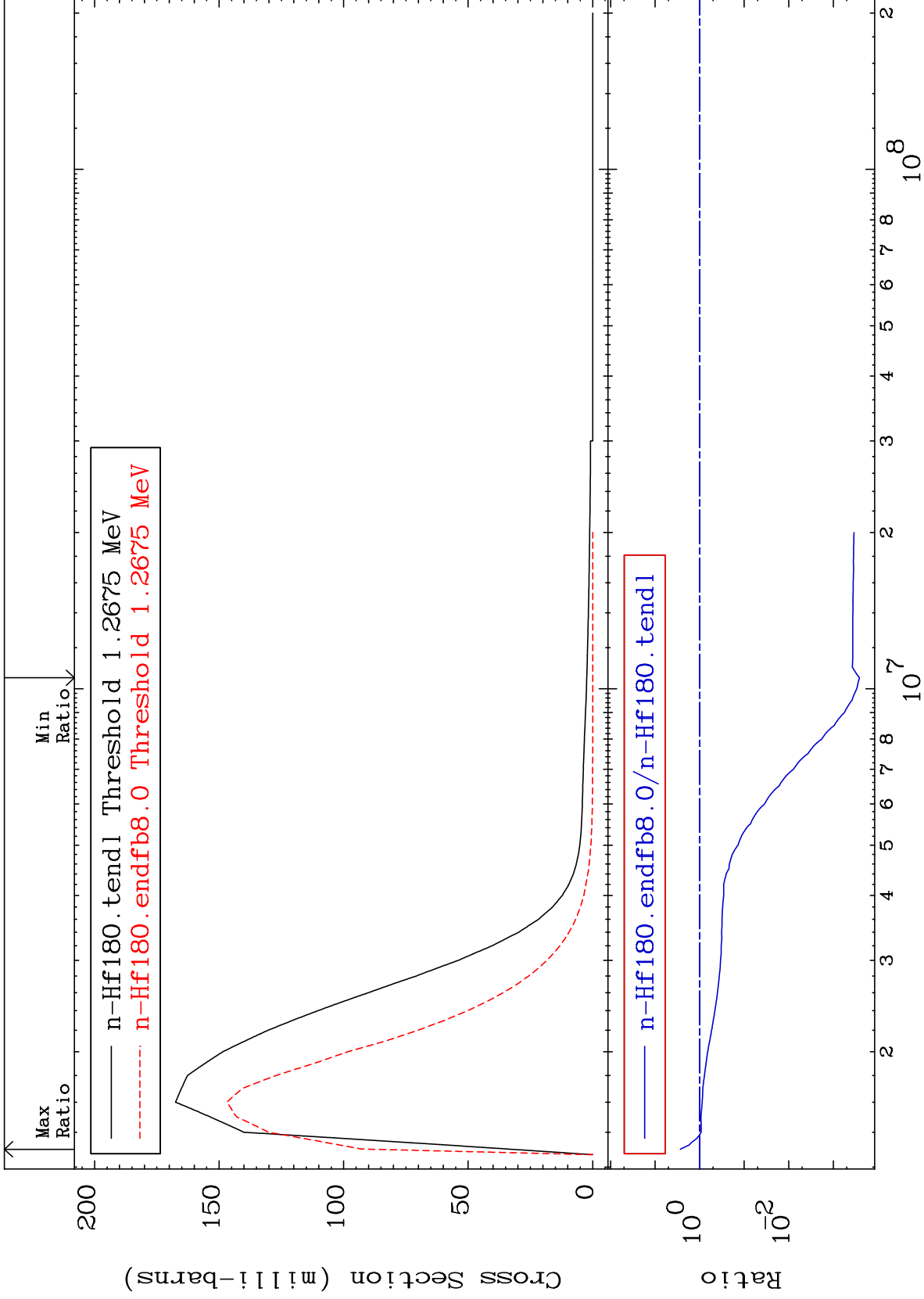
72-Hf-180
-99.97 To 59.05 %



MAT 7243

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

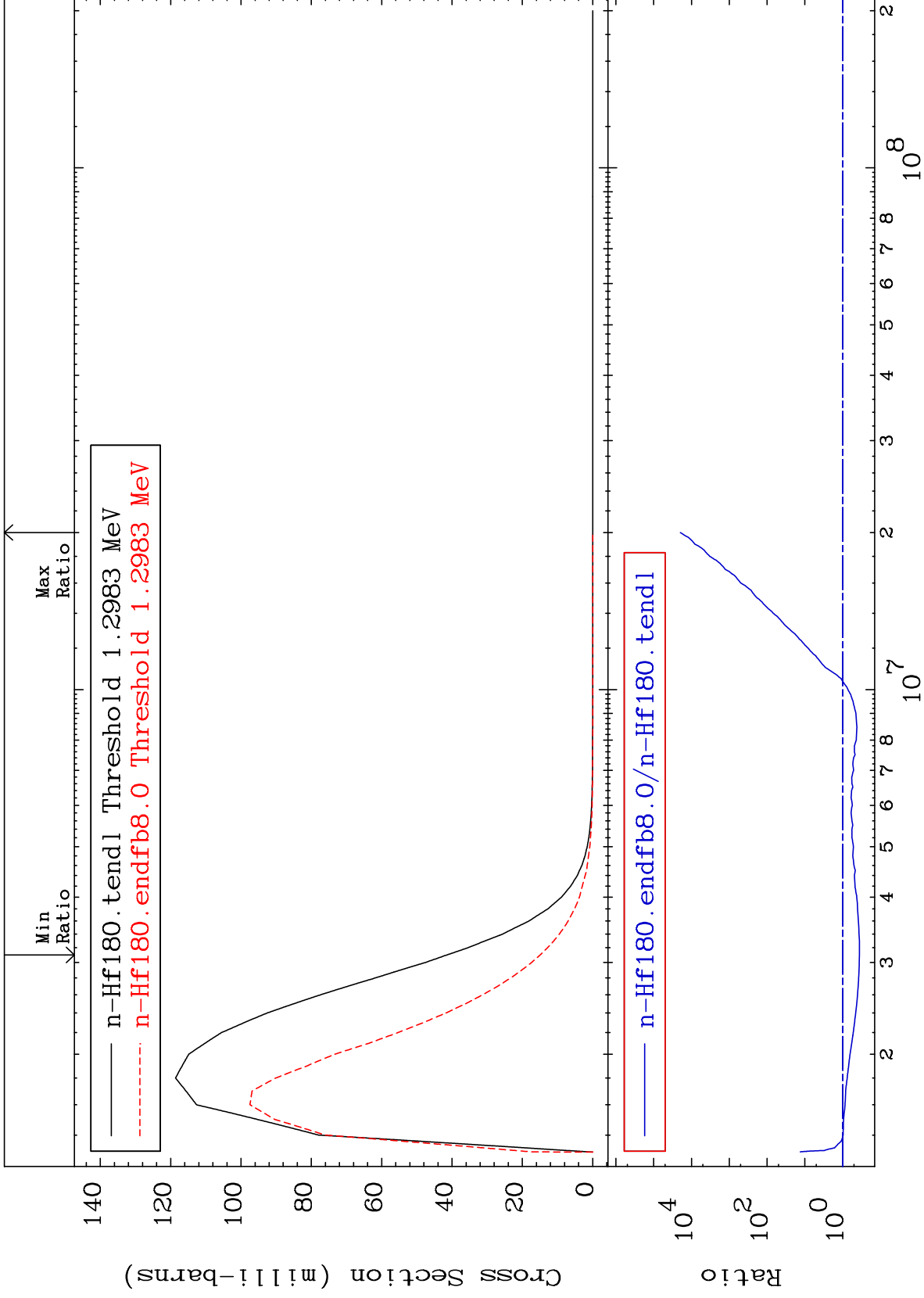
72-Hf-180
-99.97 To 171.1 %



MAT 7243

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

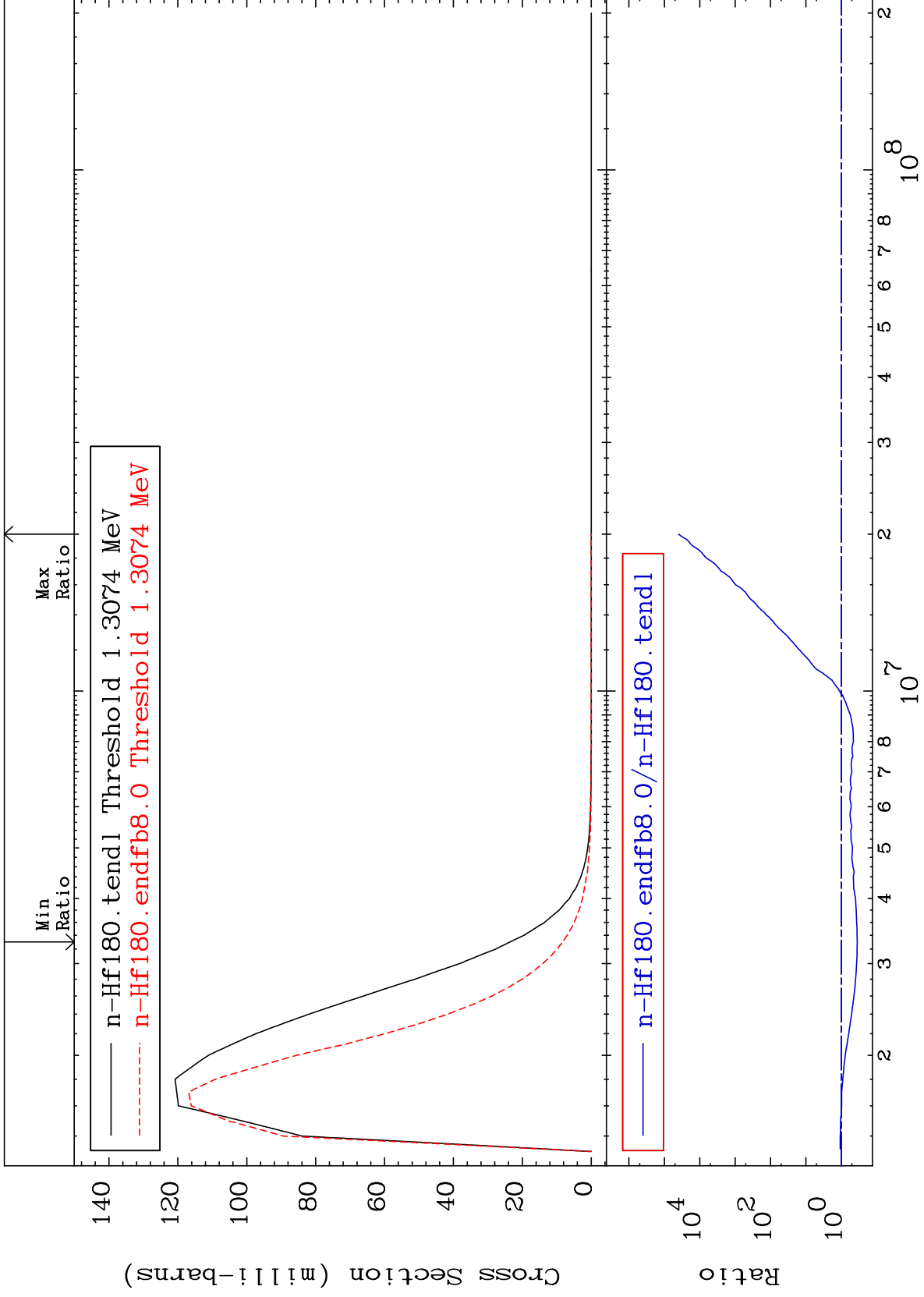
72-Hf-180
-63.98 To 9999. %



MAT 7243

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

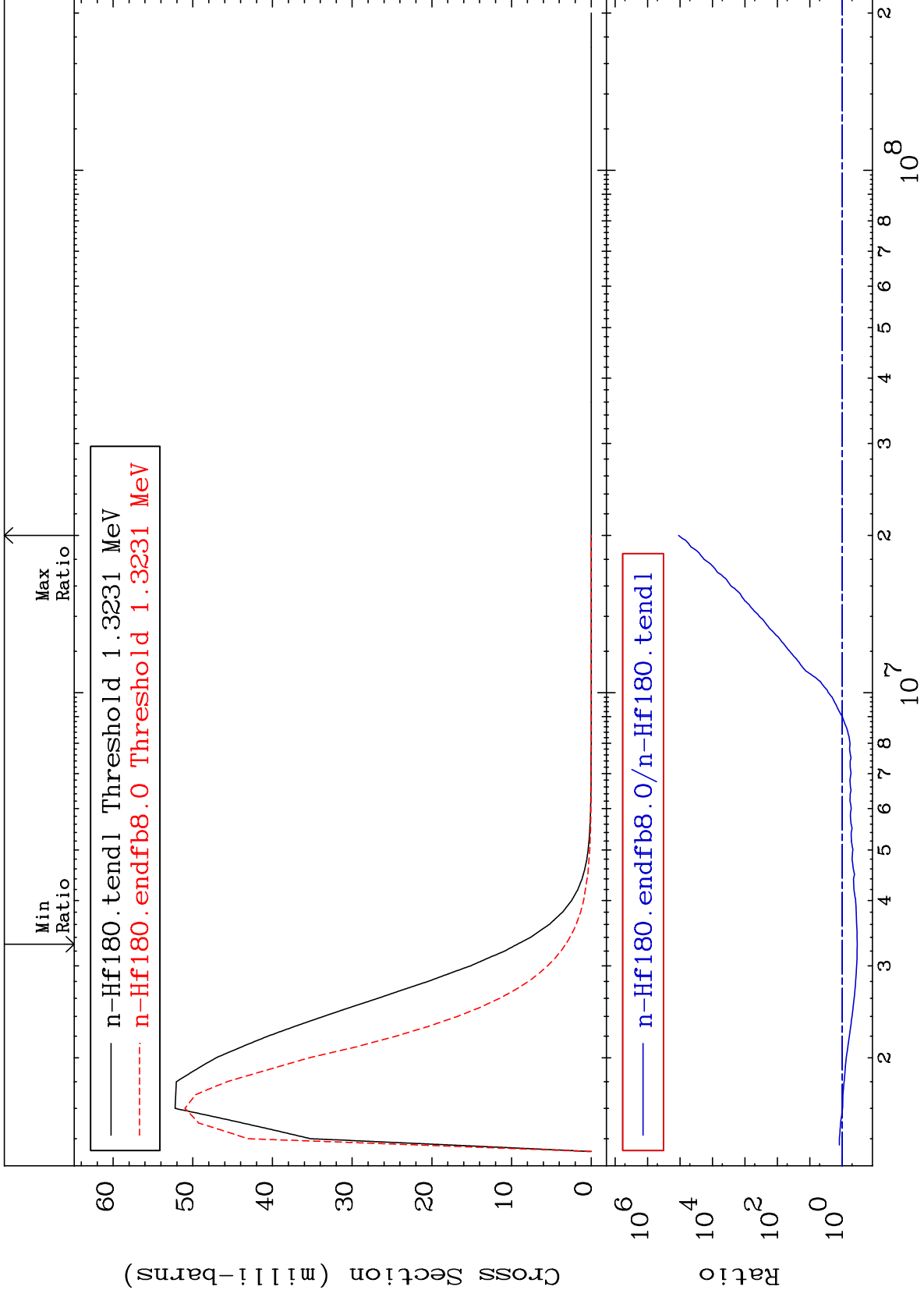
72-Hf-180
-64.78 To 9999. %

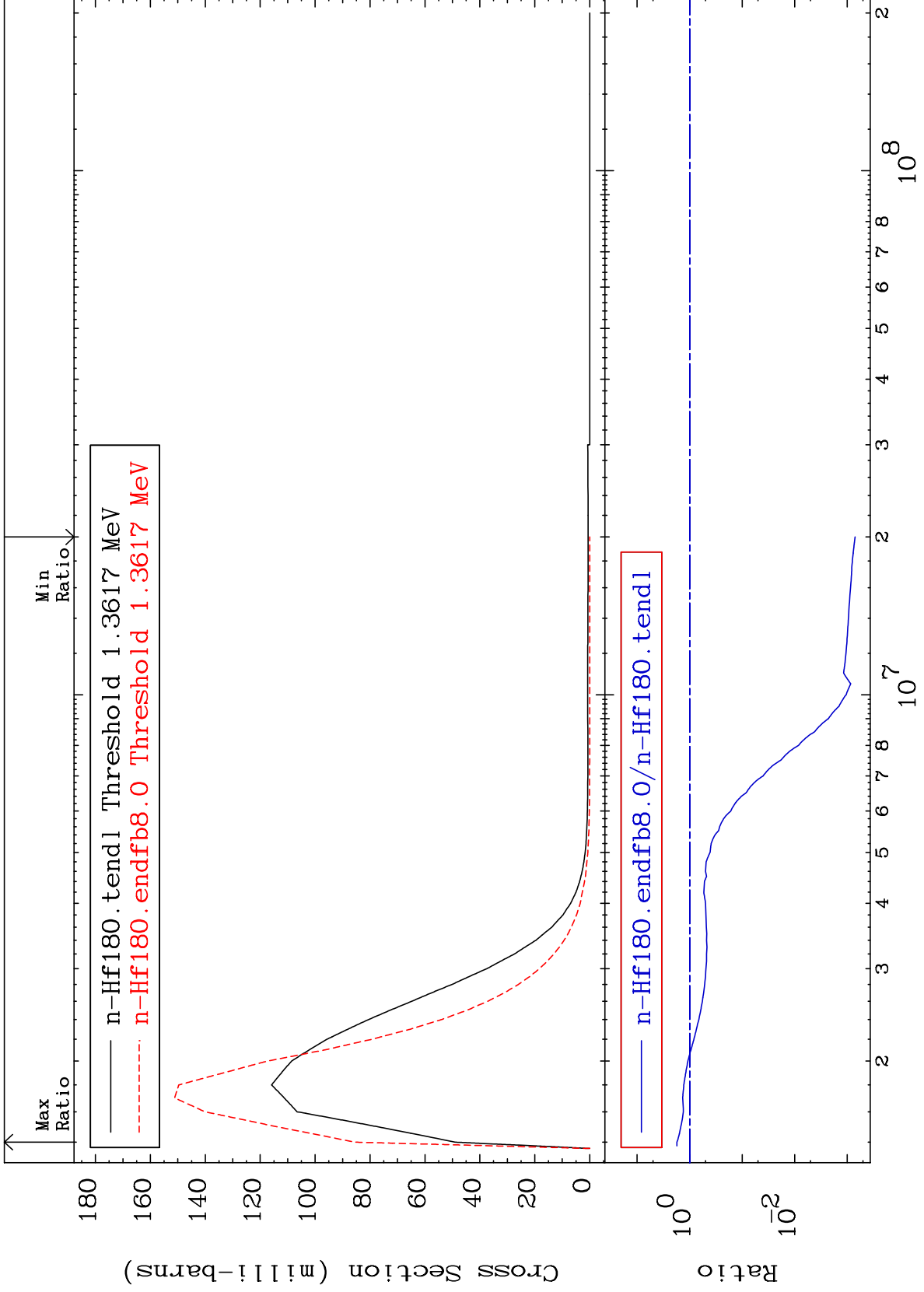


MAT 7243

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

72-Hf-180
-65.56 To 9999. %

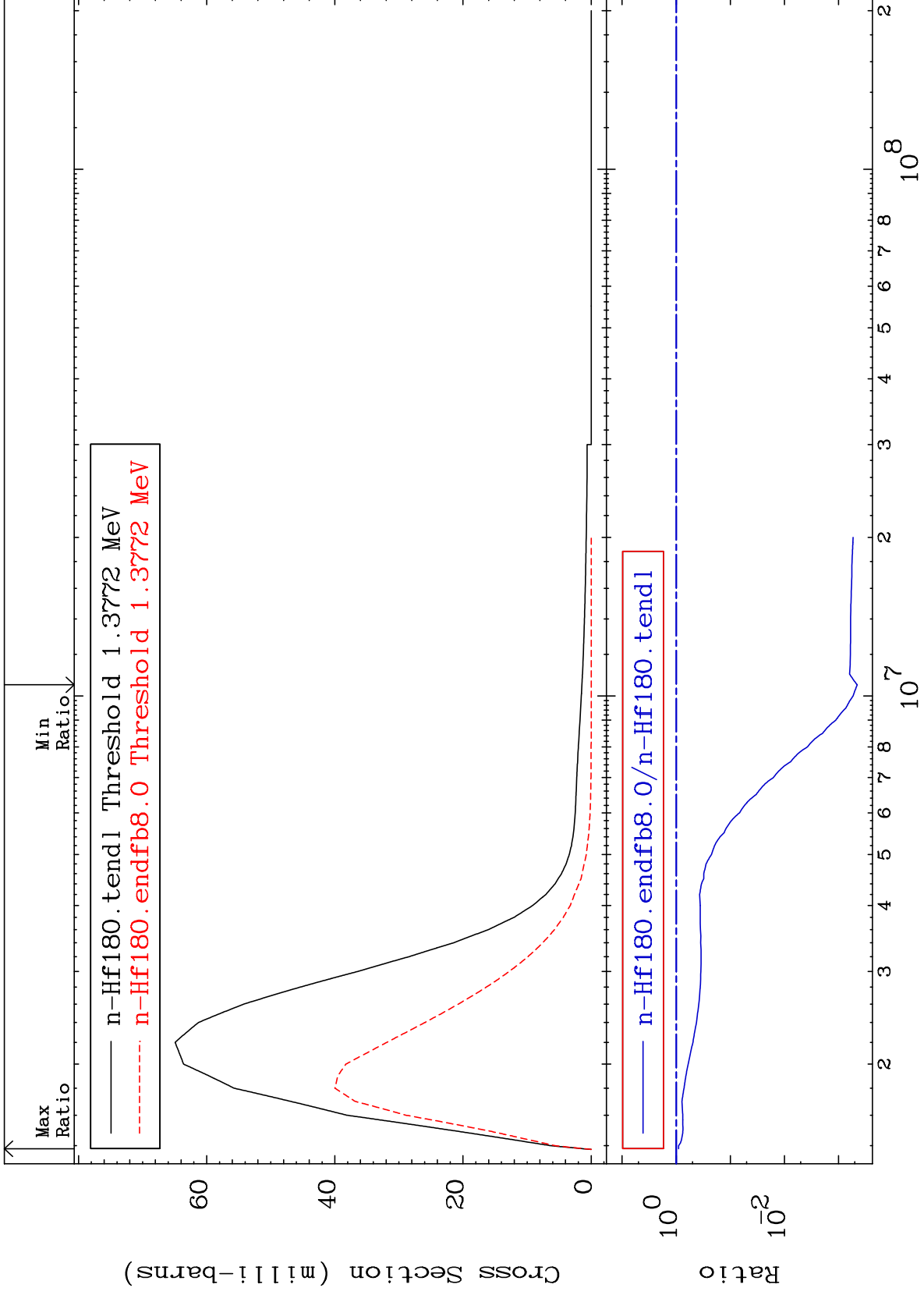




MAT 7243

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

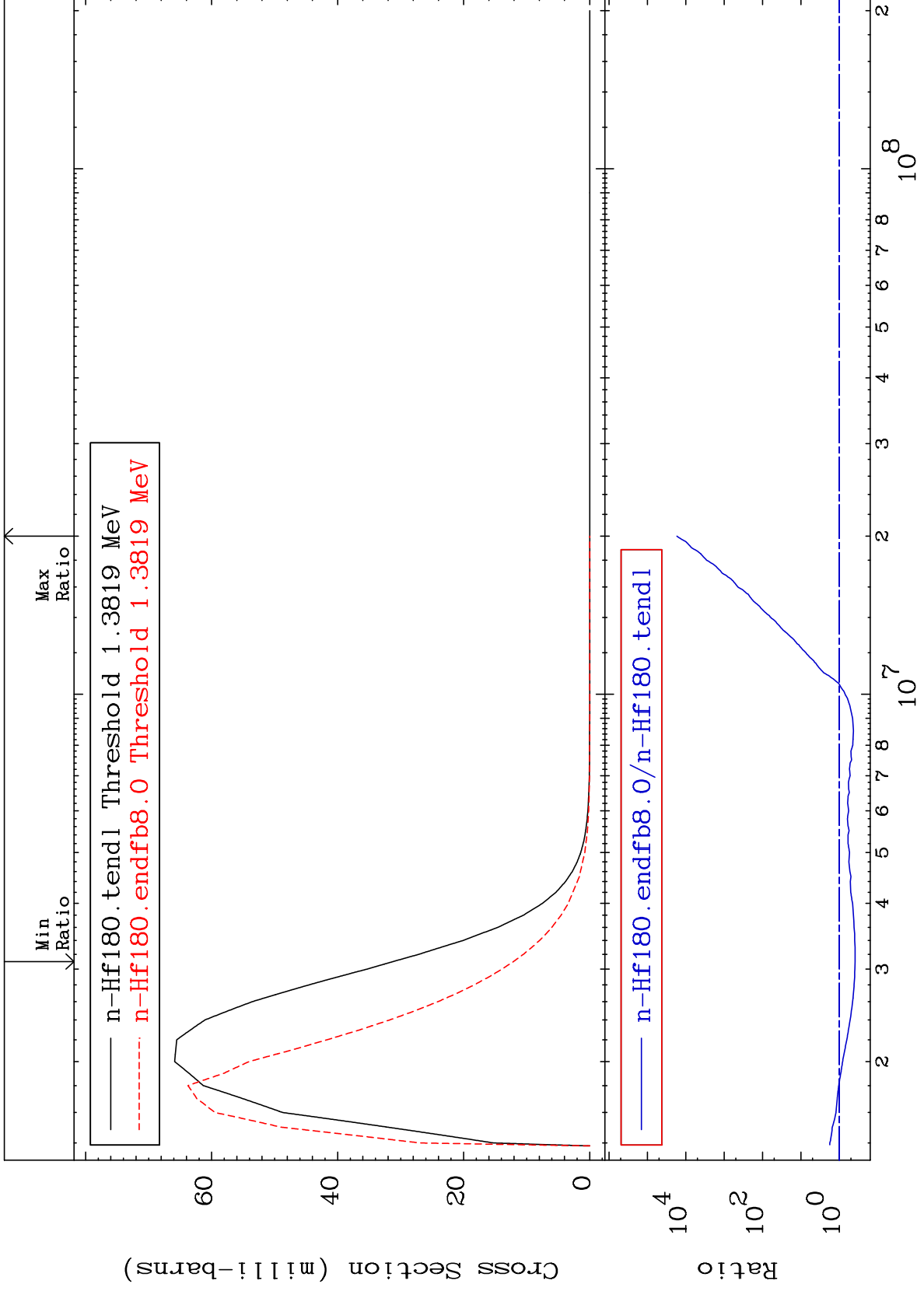
⁷²Hf-180
-99.95 To -9.821%



MAT 7243

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

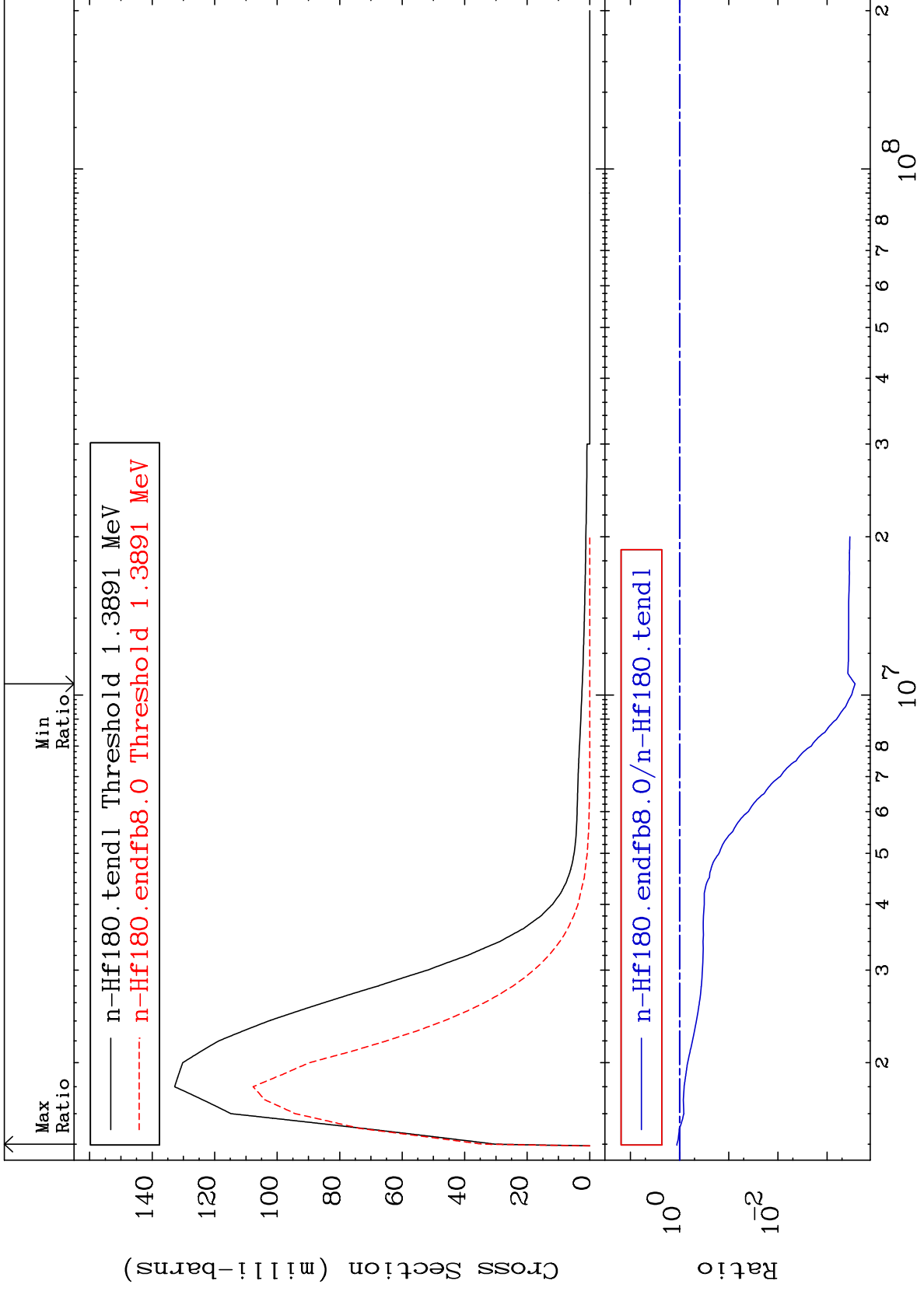
72-Hf-180
-61.23 To 9999. %



MAT 7243

MT= 69 (n,n') Level
Cross Section

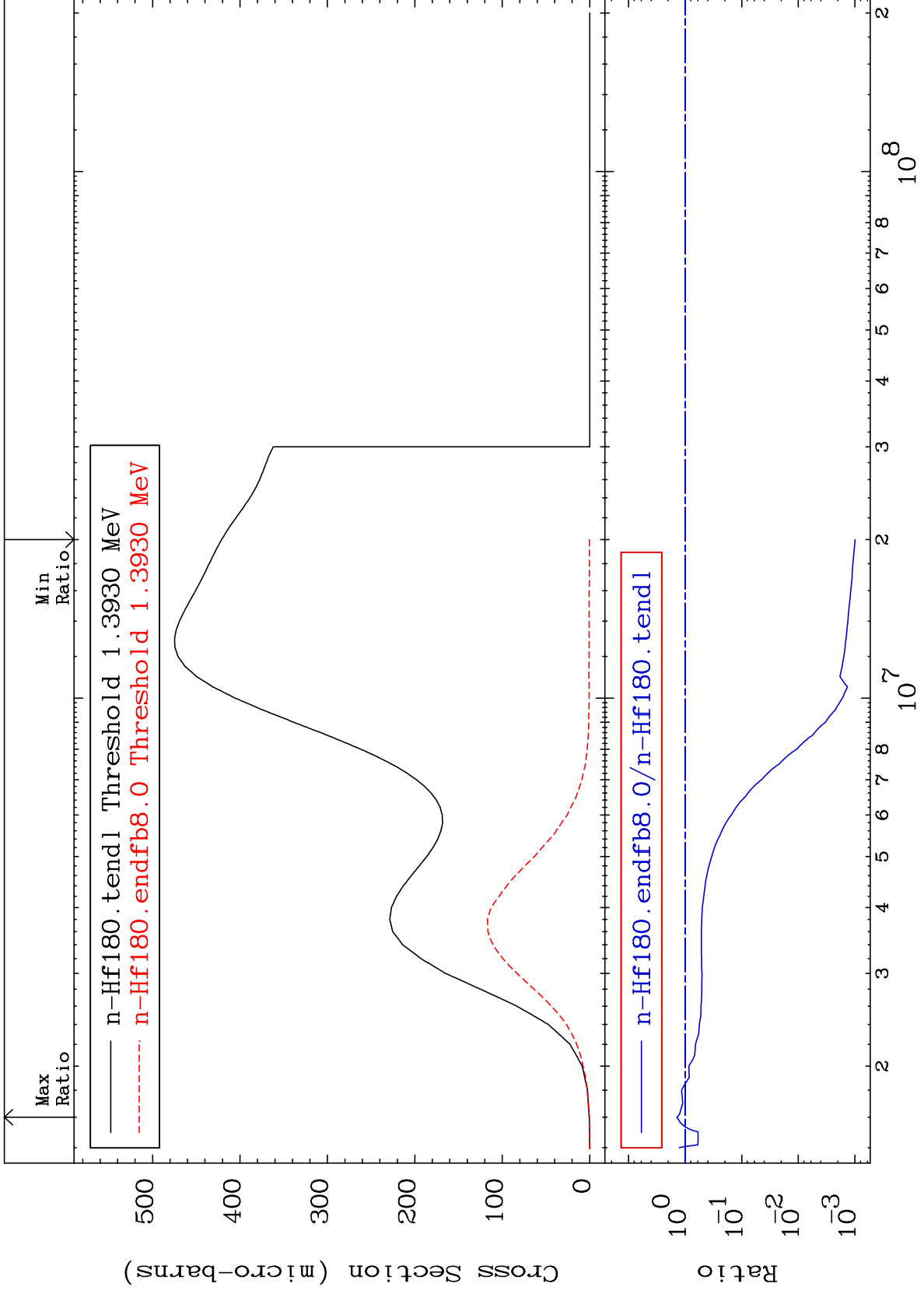
72-Hf-180
-99.97 To 13.47 %



MAT 7243

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

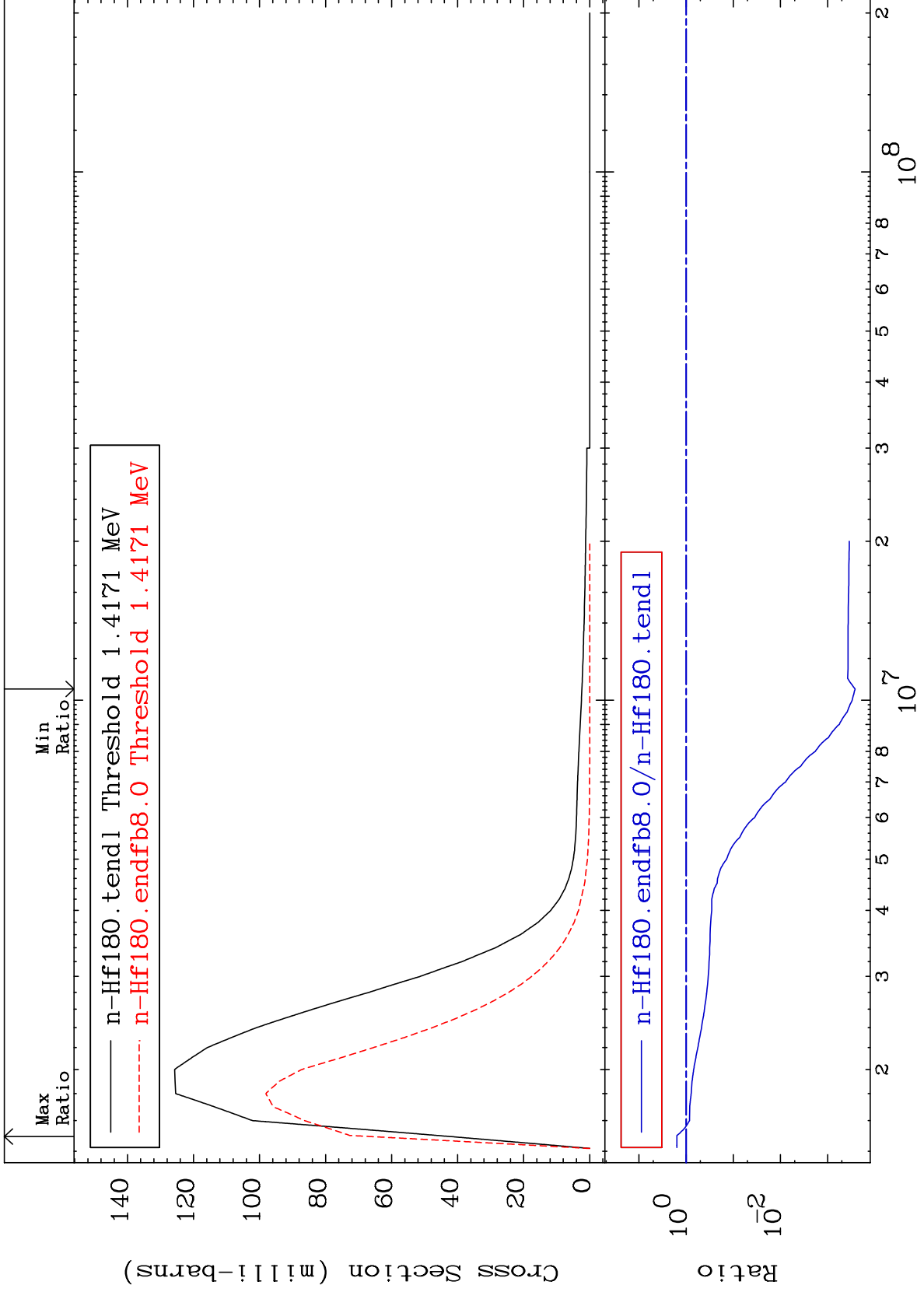
72-Hf-180
-99.90 To 40.08 %



MAT 7243

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

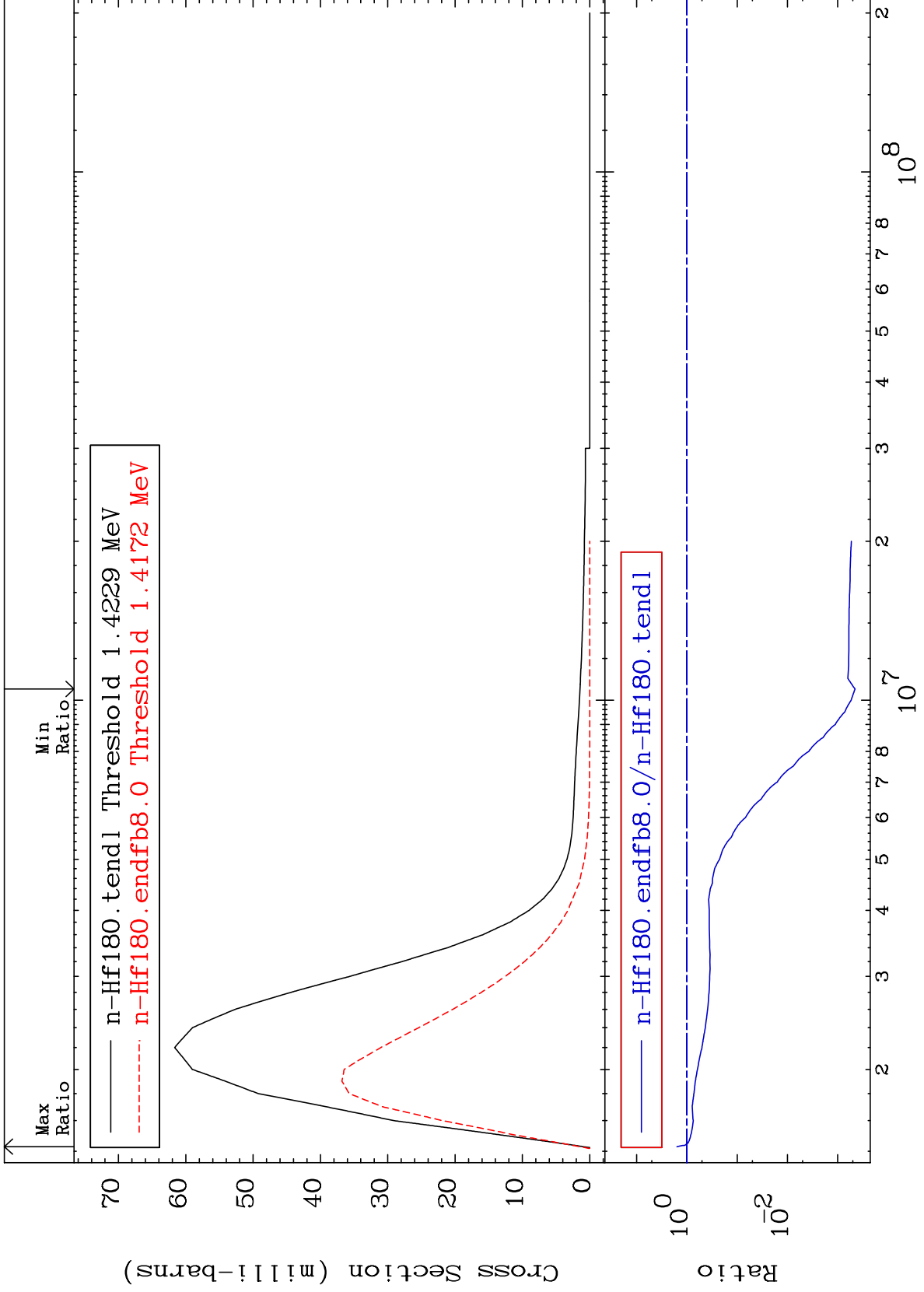
72-Hf-180
-99.97 To 56.96 %

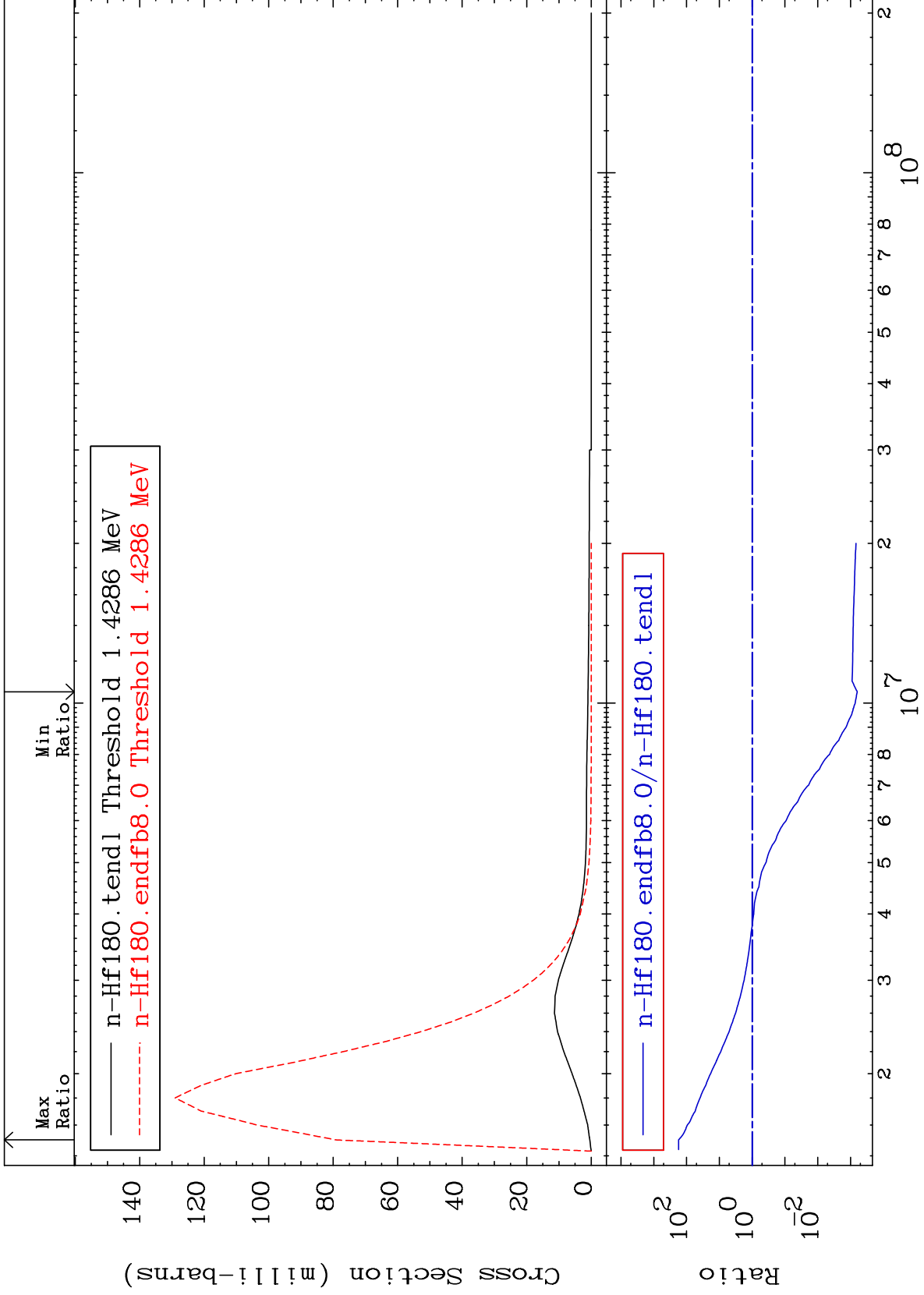


MAT 7243

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

72-Hf-180
-99.95 To 58.07 %

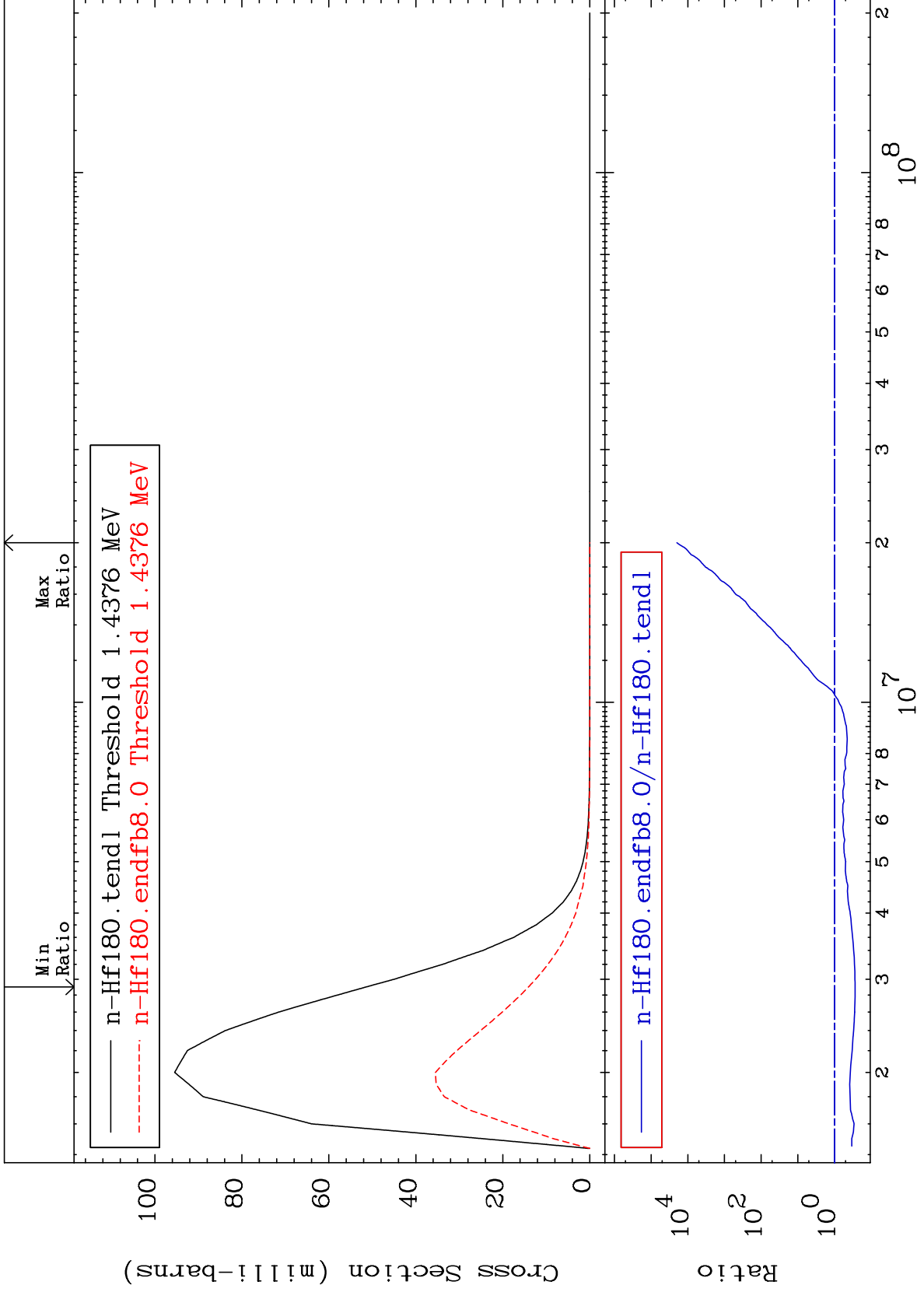




MAT 7243

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

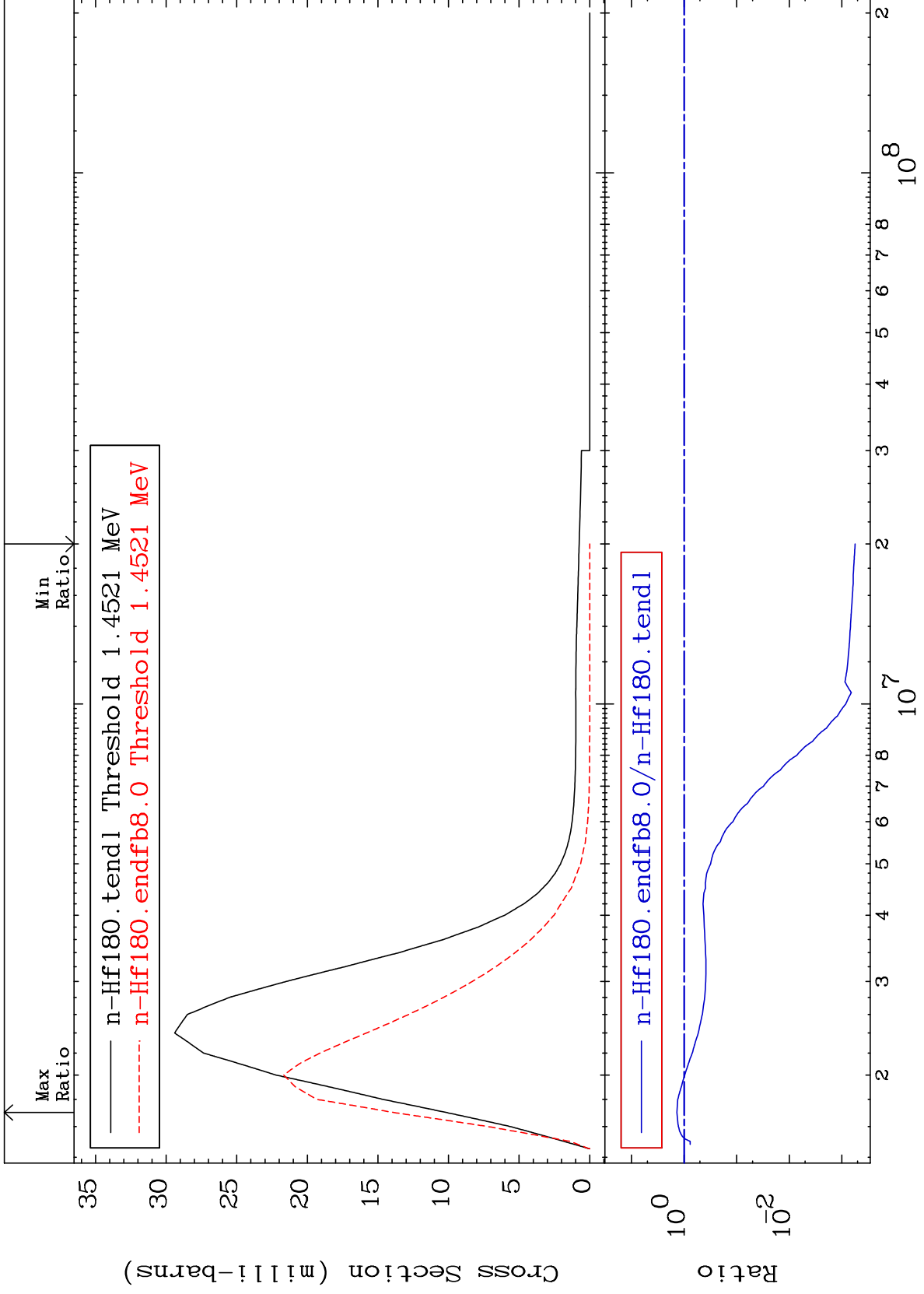
72-Hf-180
-72.63 To 9999. %

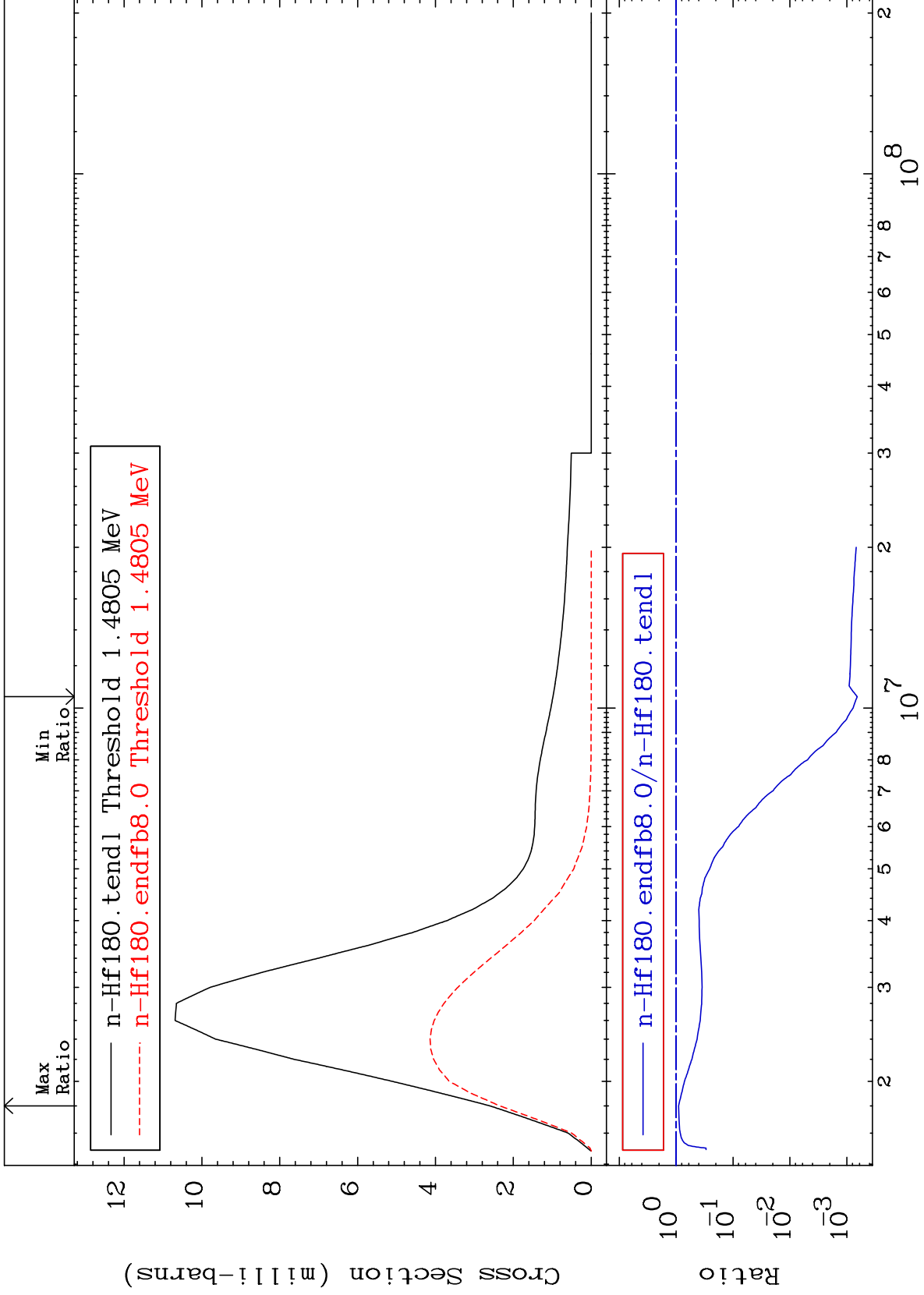


MAT 7243

MT= 75 (n,n') Level
Cross Section

72-Hf-180
-99.94 To 36.90 %

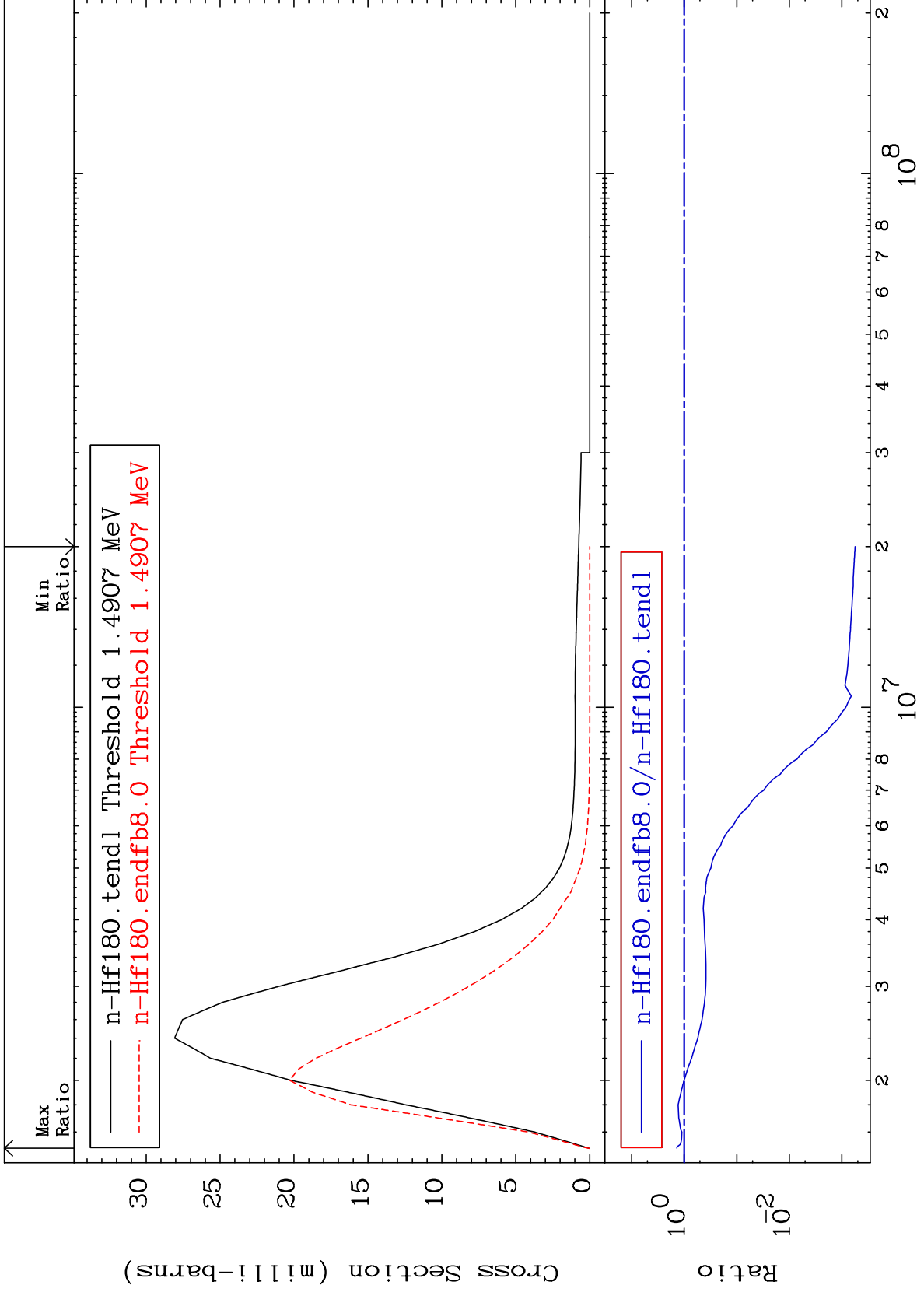


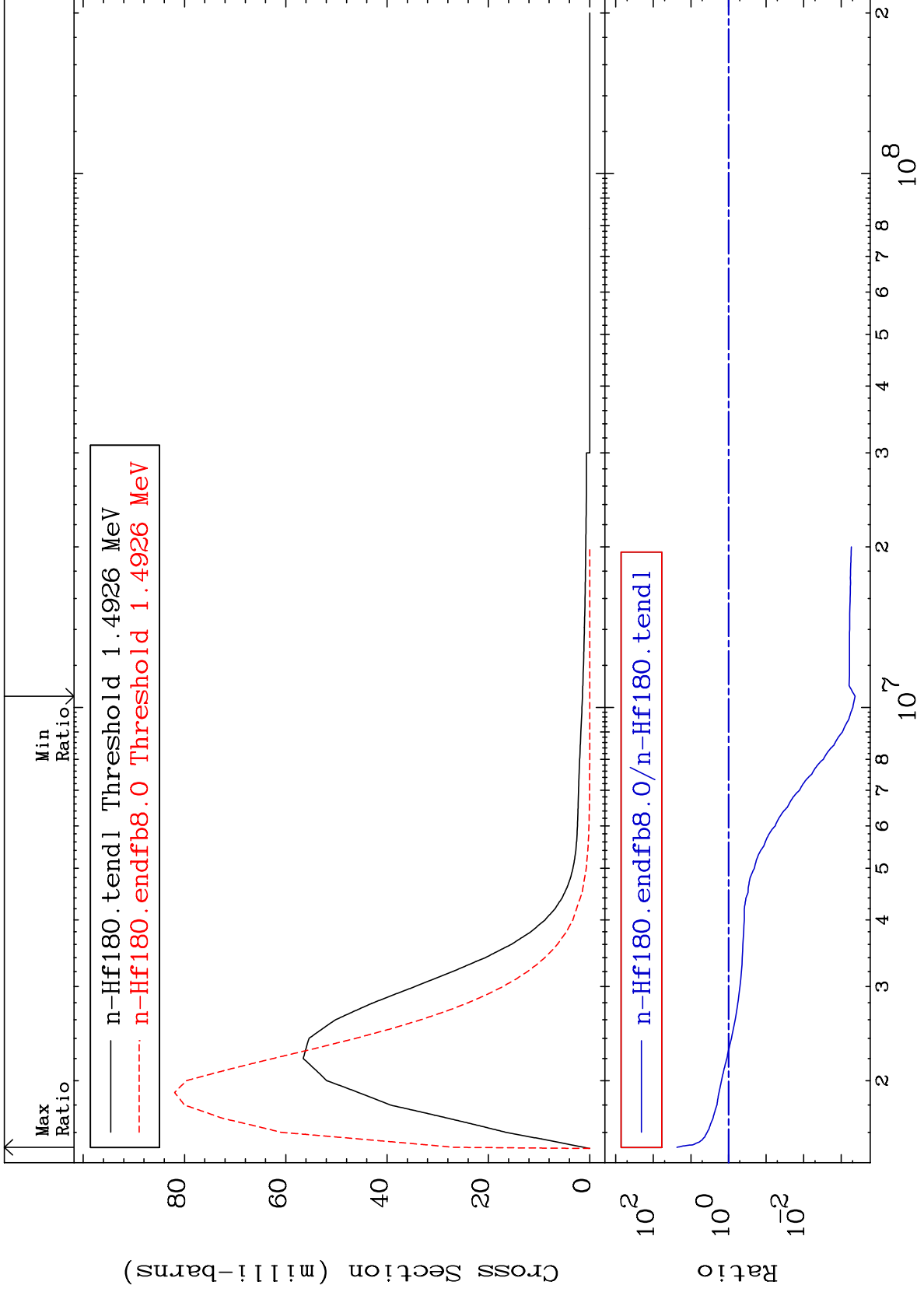


MAT 7243

MT= 77 (n, n') Level
Cross Section

72-Hf-180
-99.94 To 37.36 %

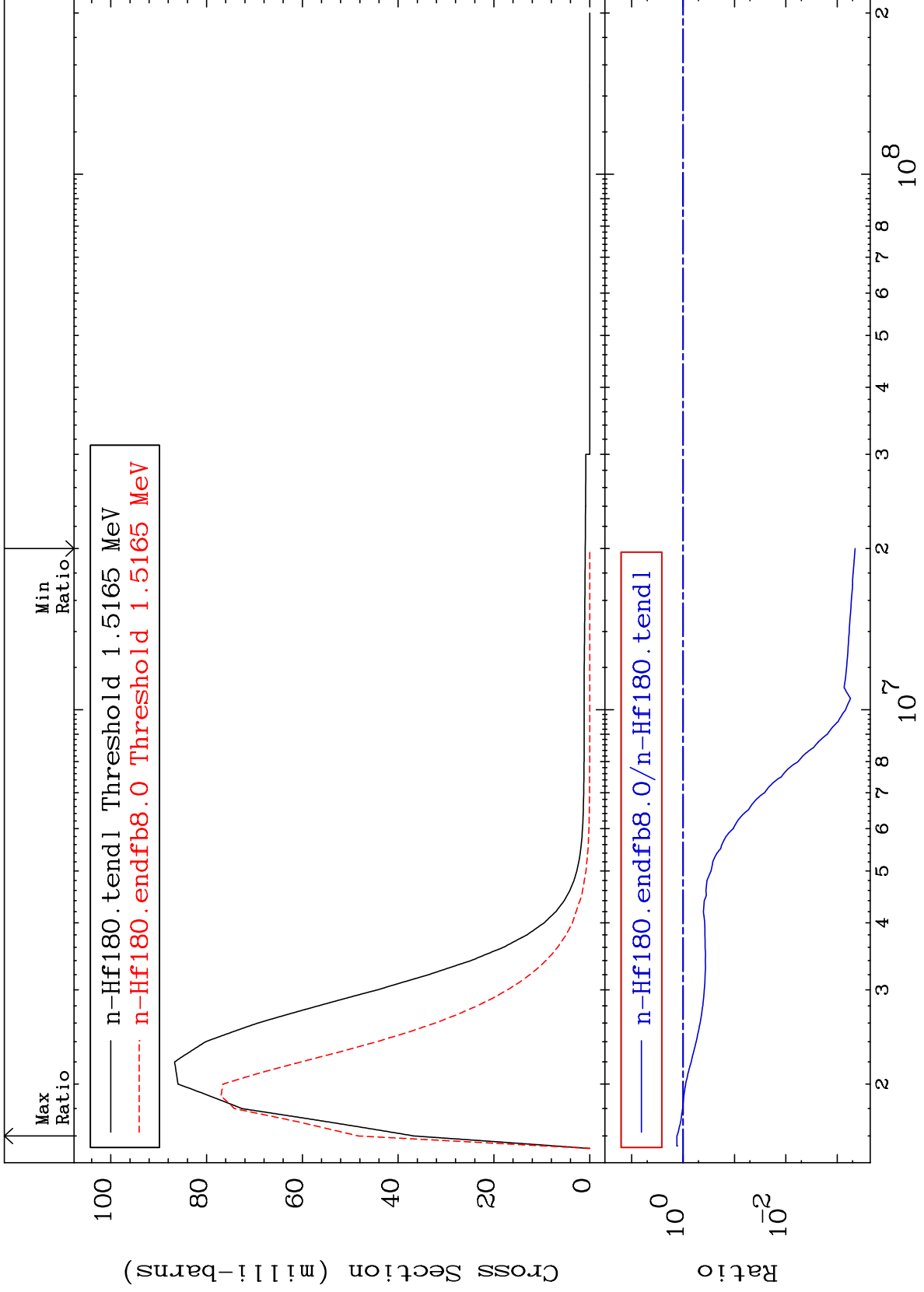




MAT 7243

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

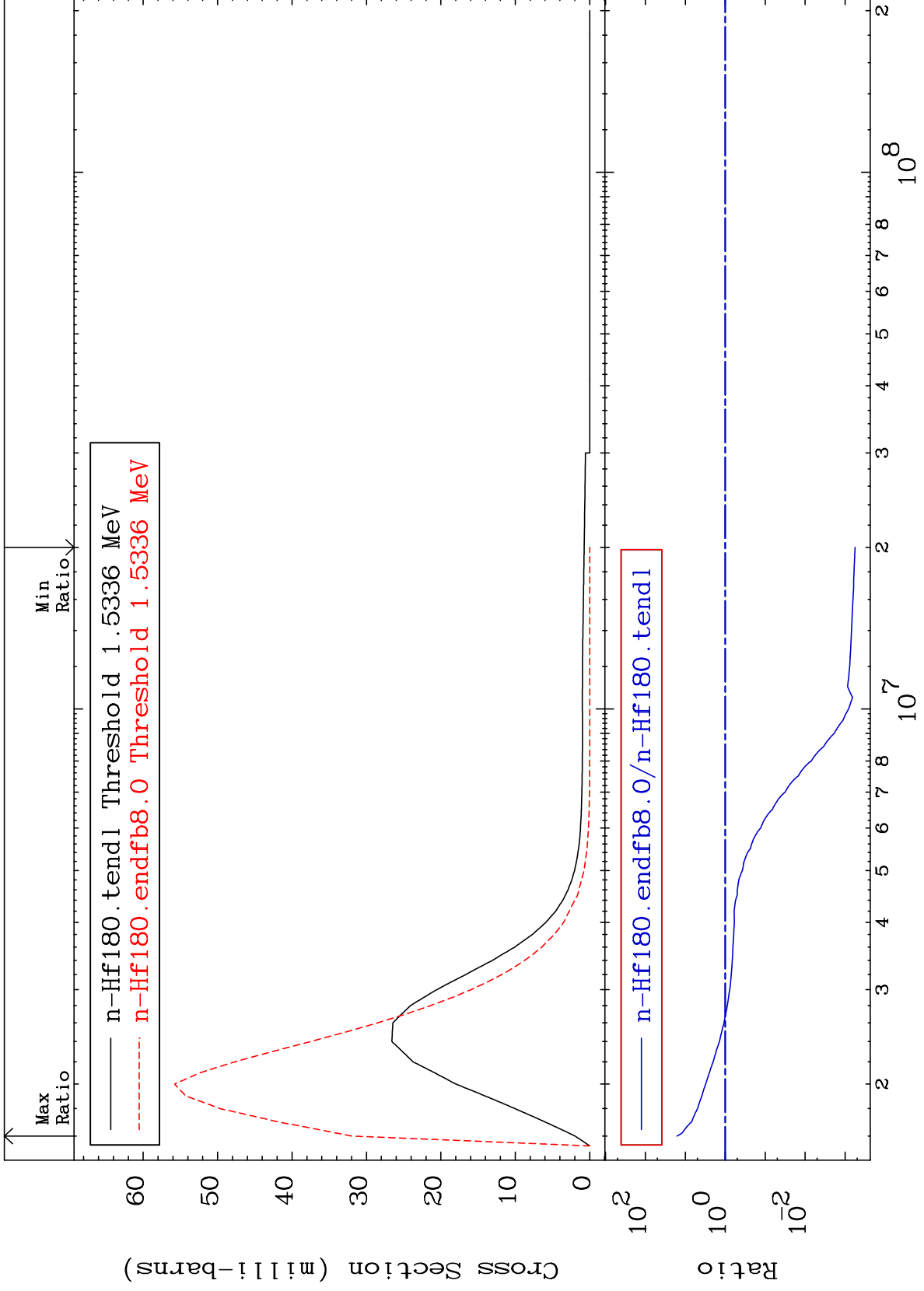
72-Hf-180
-99.96 To 31.81 %



MAT 7243

MT= 80 (n, n') Level
Cross Section

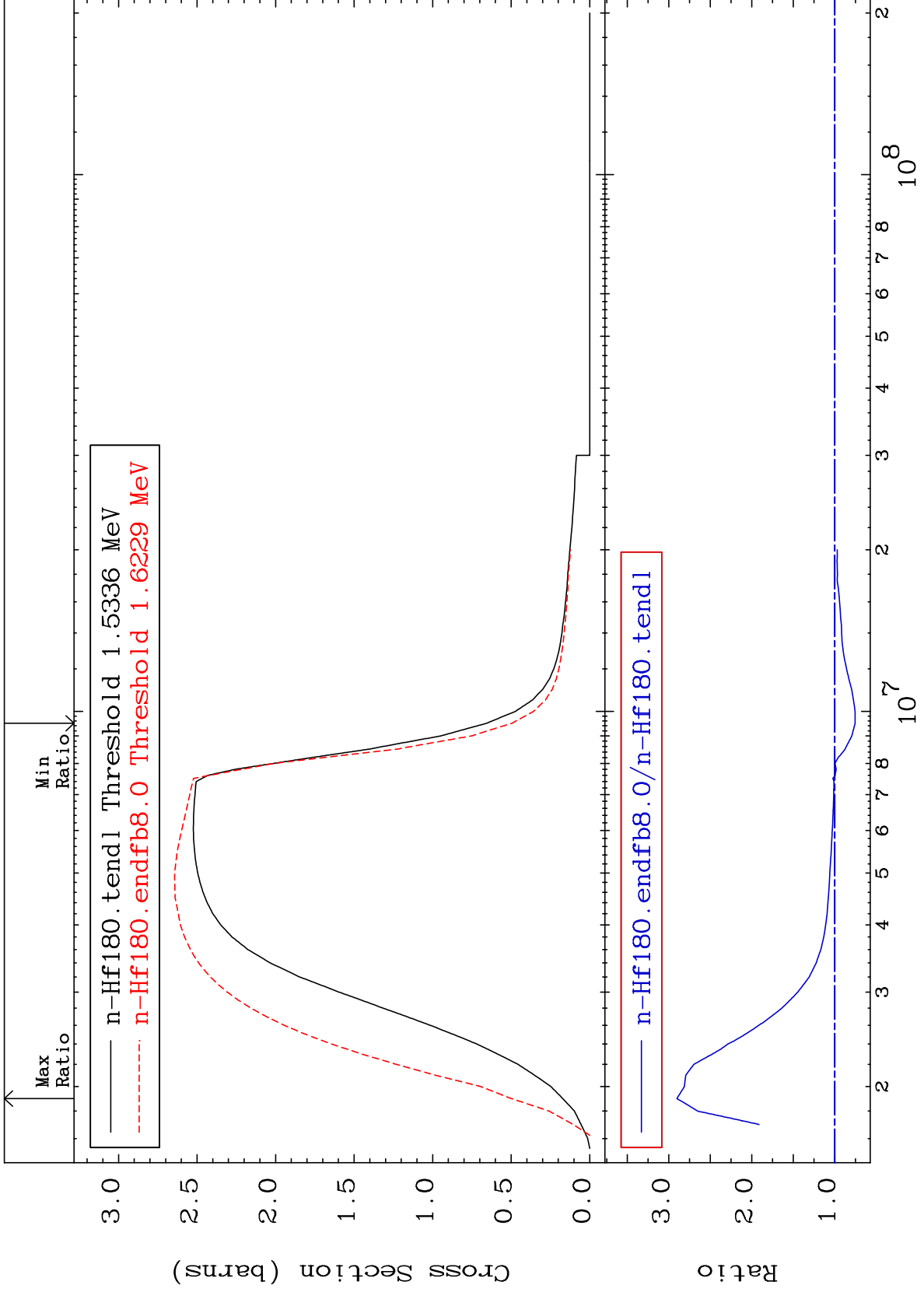
72-Hf-180
-99.94 To 1526. %



MAT 7243

(n, n') Continuum
Cross Section

⁷²Hf-180
-24.55 To 190.3 %



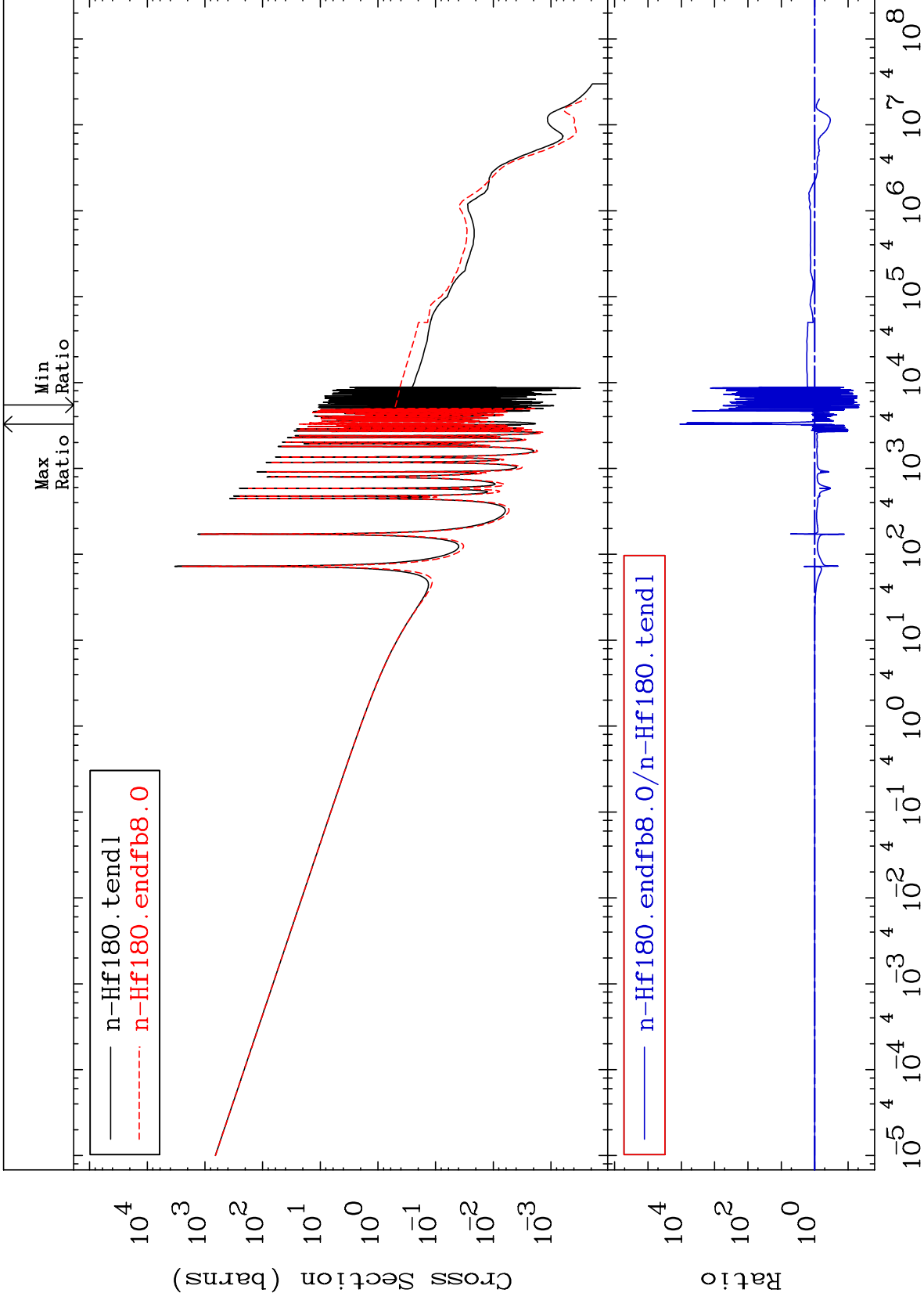
MAT 7243

(n, γ)

72-Hf-180

Cross Section

-95.44 To 9999. %



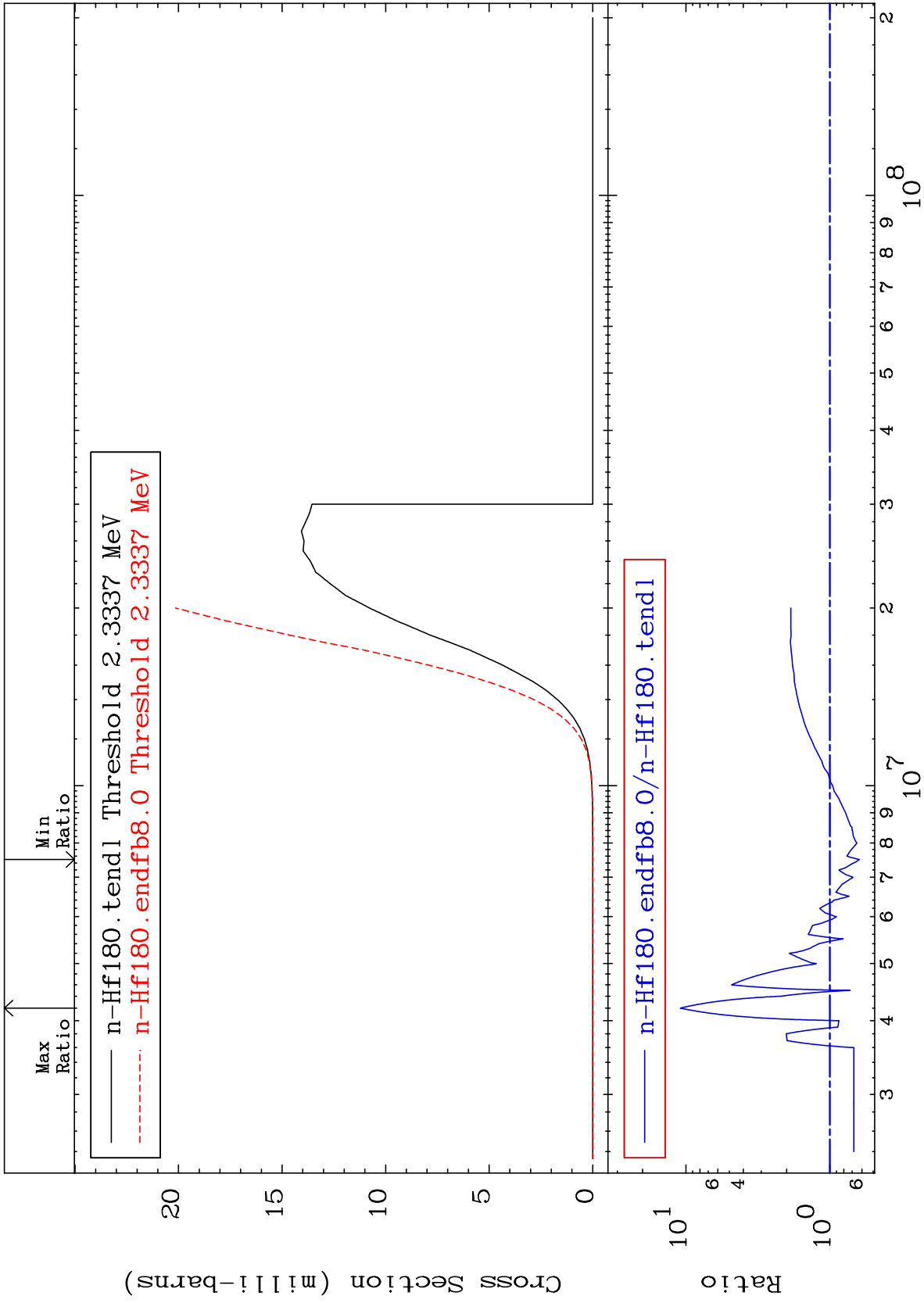
MAT 7243

(n,p)

⁷²Hf-180

Cross Section

-37.65 To 994.3 %



40

Incident Energy (eV)

⁷²Hf-180

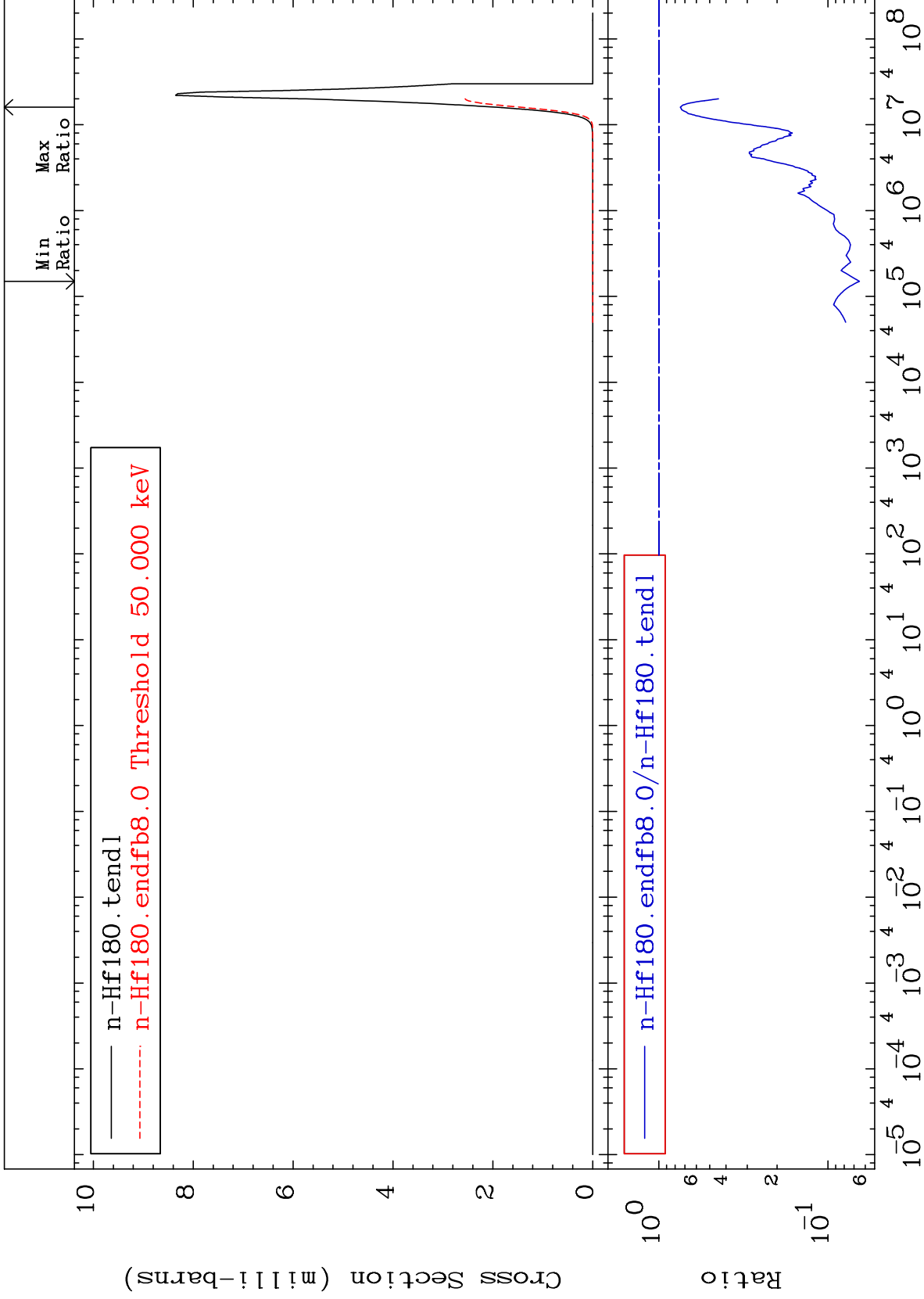
MAT 7243

(n, α)

72-Hf-180

Cross Section

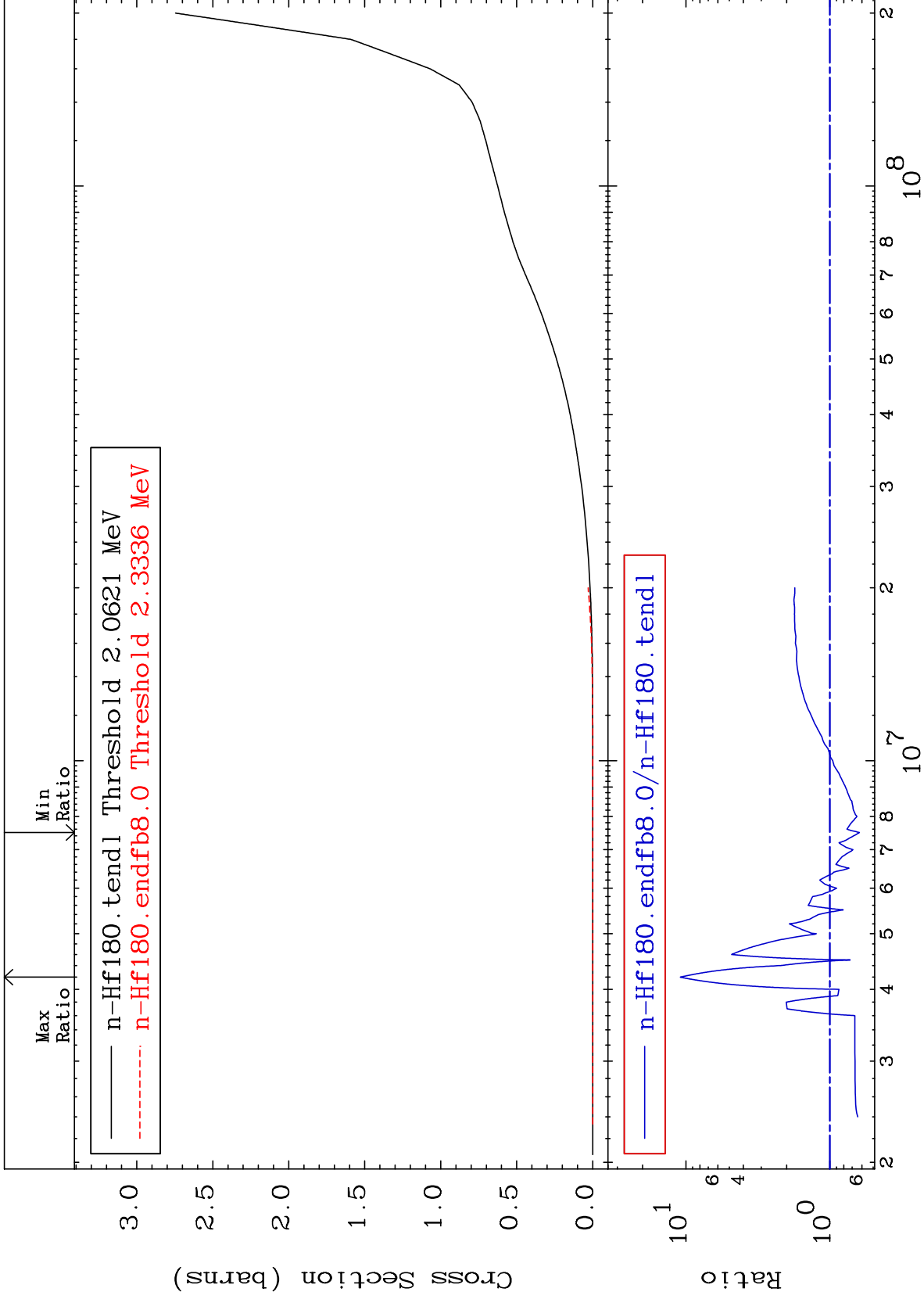
-93.50 To -25.45%

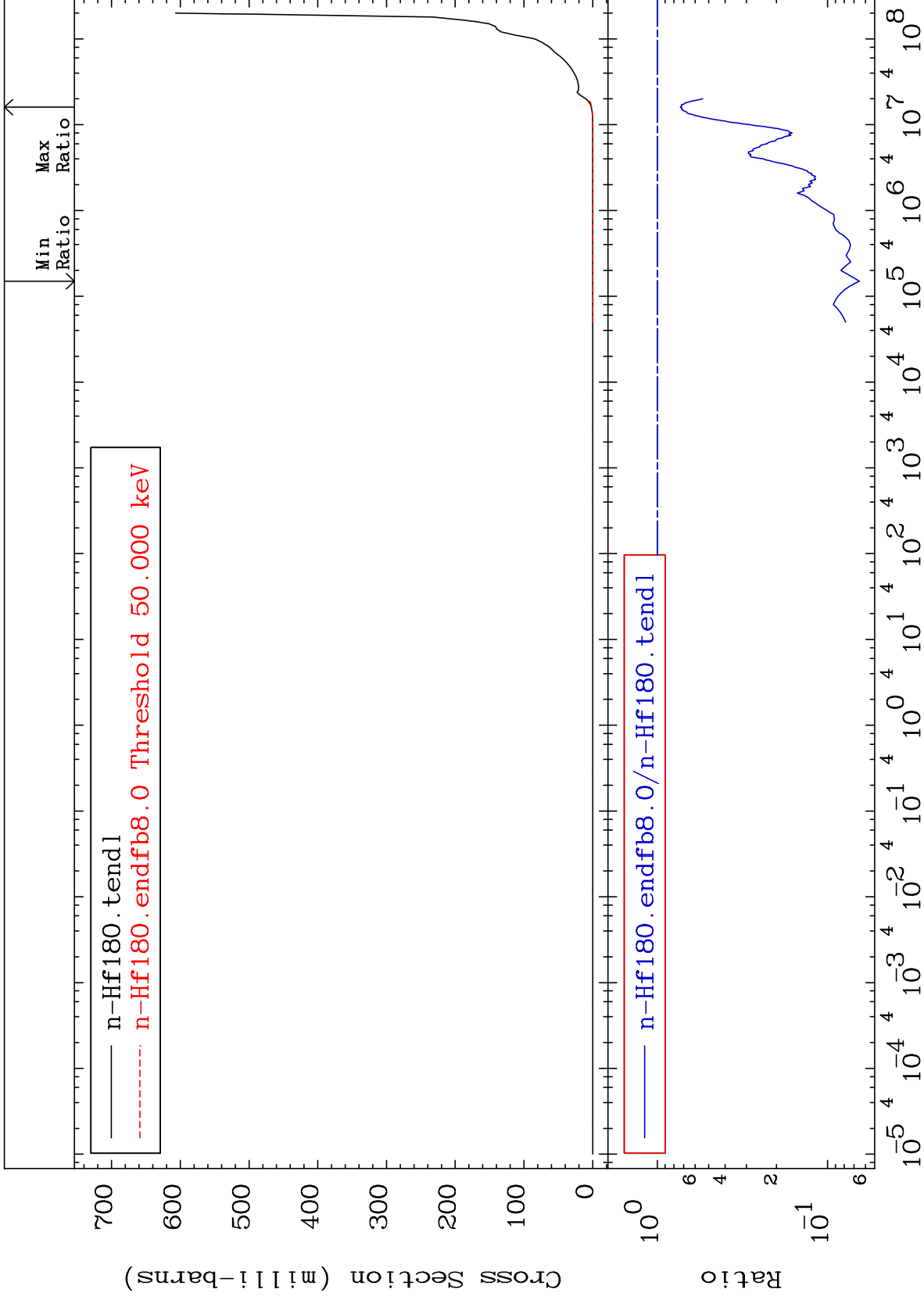


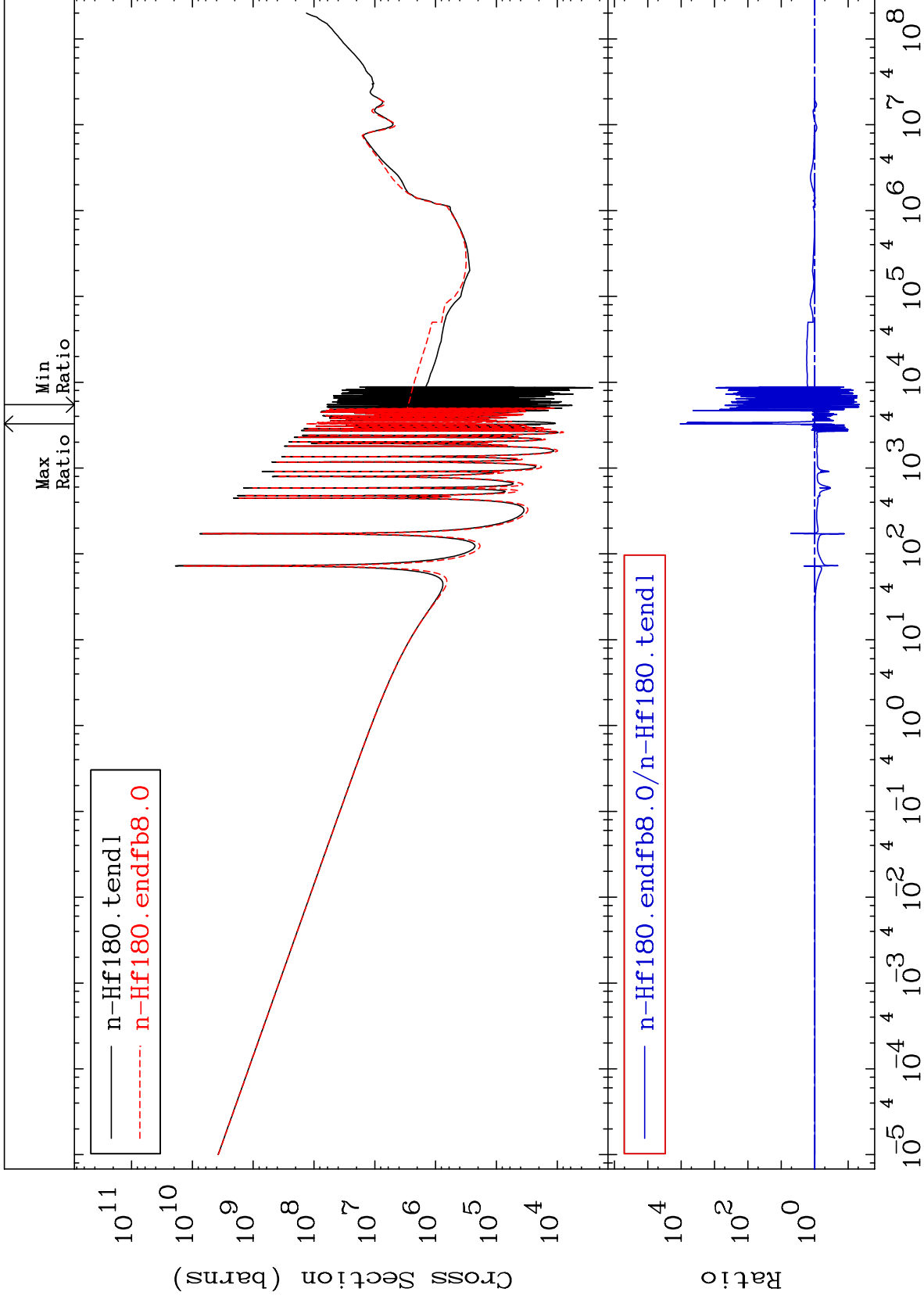
41

Incident Energy (eV)

72-Hf-180



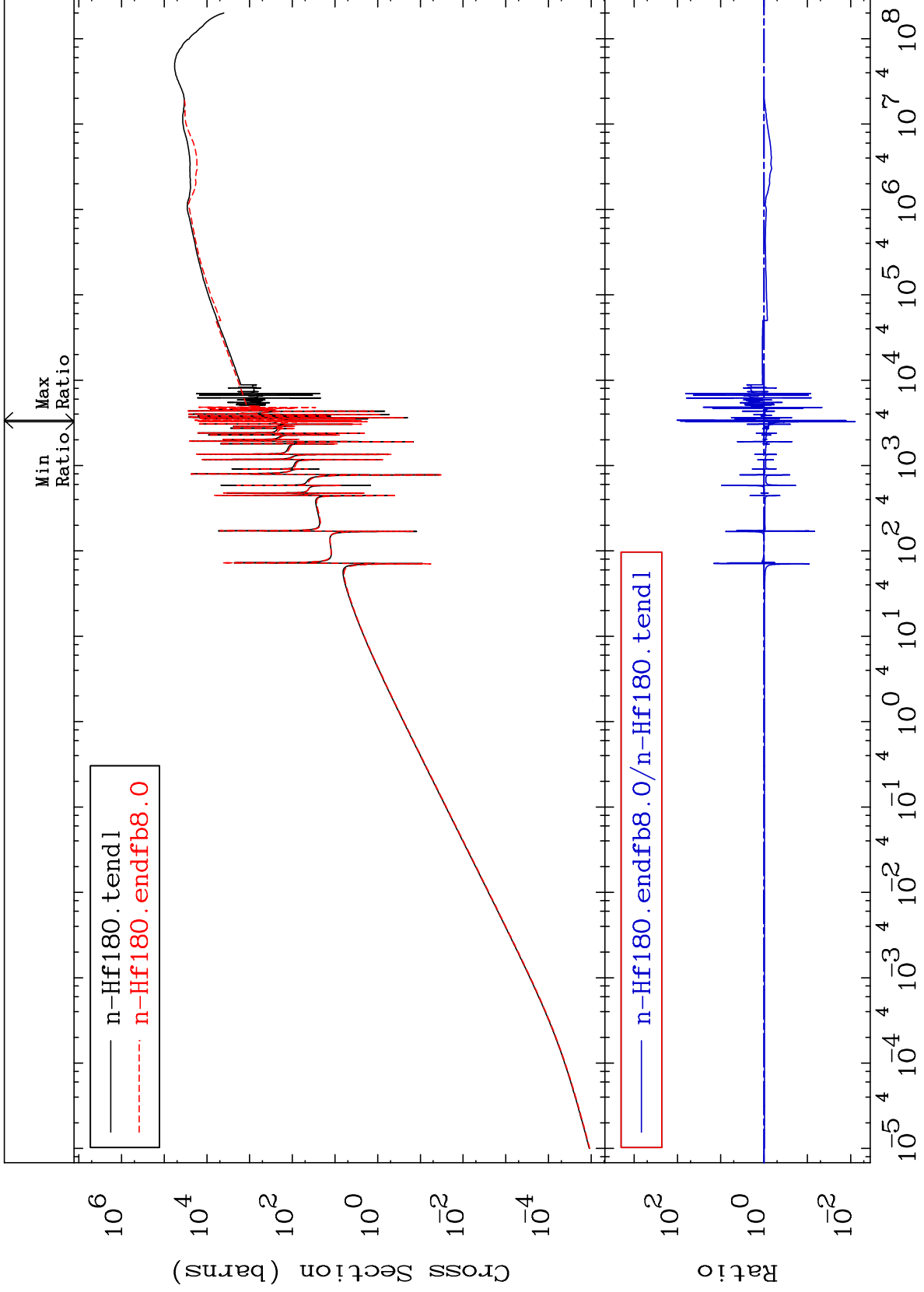


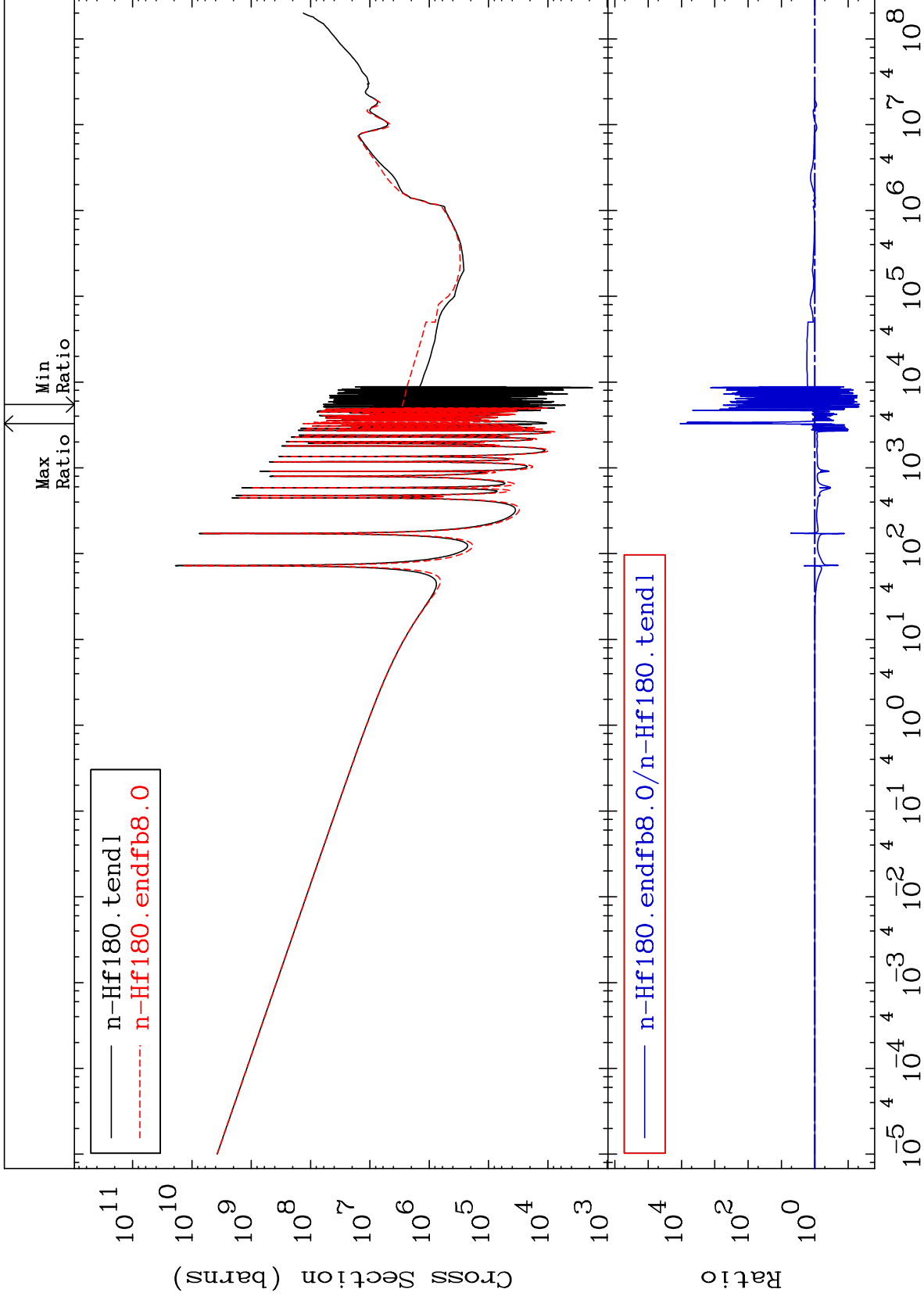


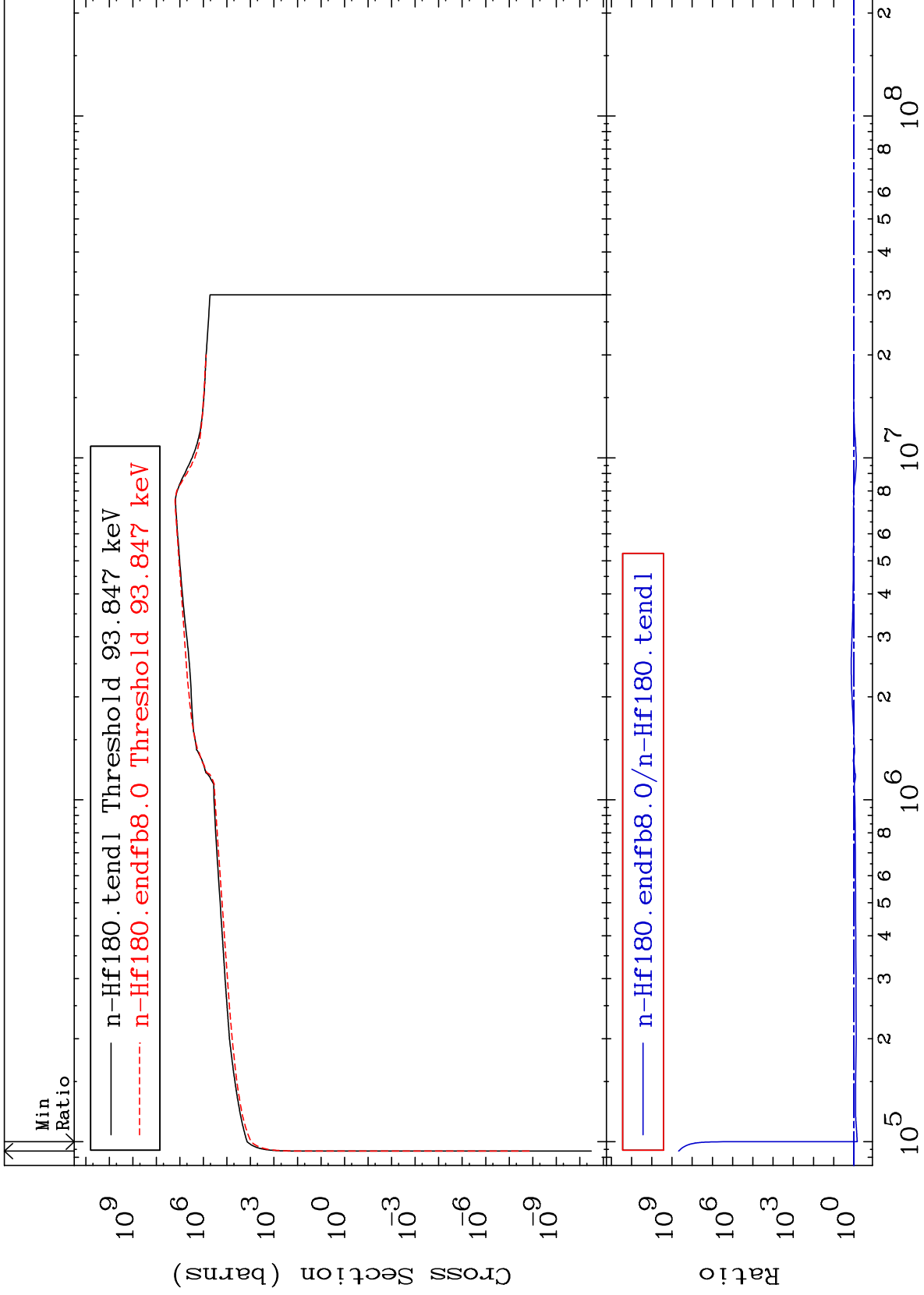
MAT 7243

Kerma elastic
Cross Section

72-Hf-180
-99.21 To 9999. %



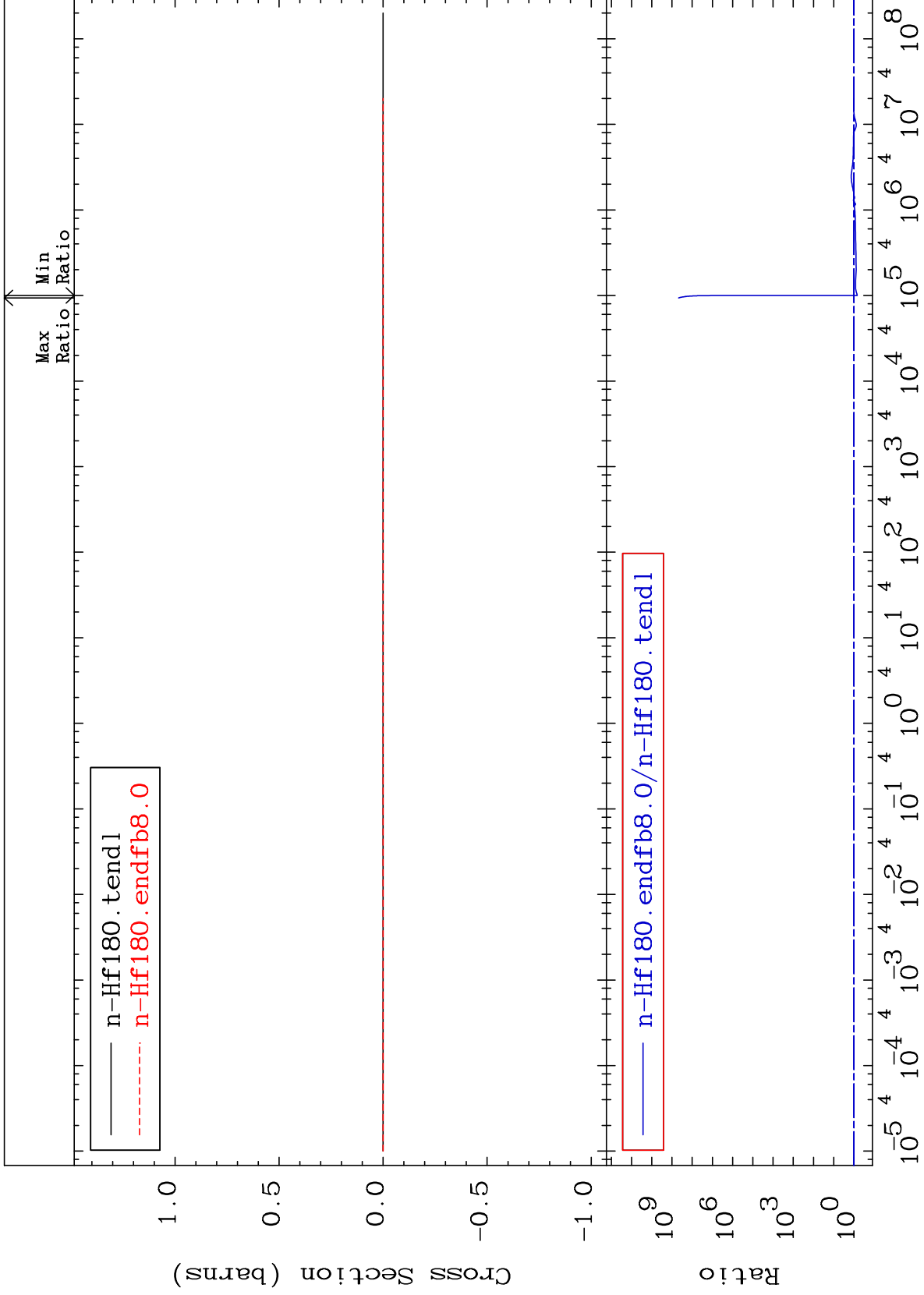




MAT 7243

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

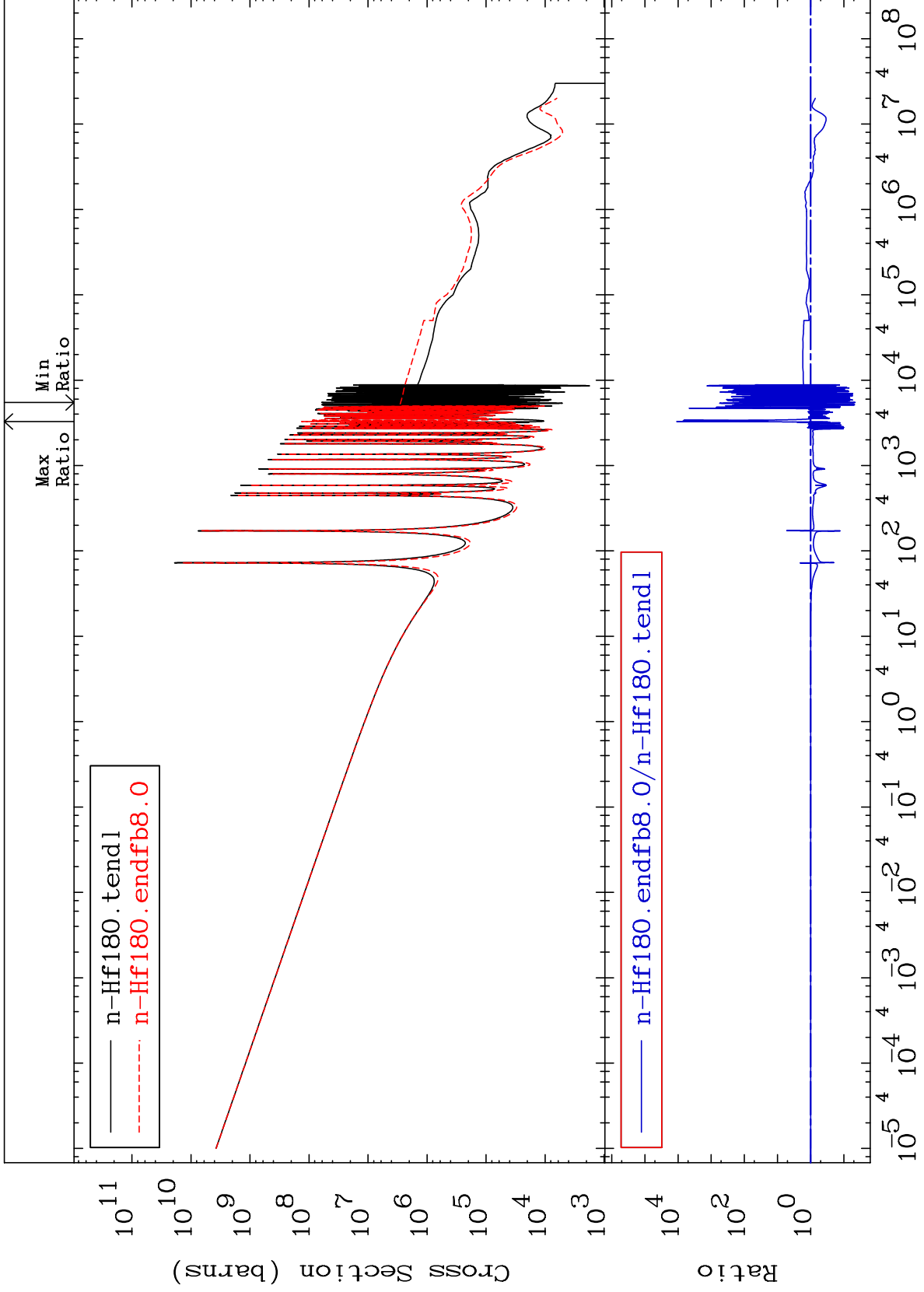
72-Hf-180
-31.73 To 9999. %



MAT 7243

Kerma capture (mt102)
Cross Section

⁷²Hf-180
-95.44 To 9999. %



49

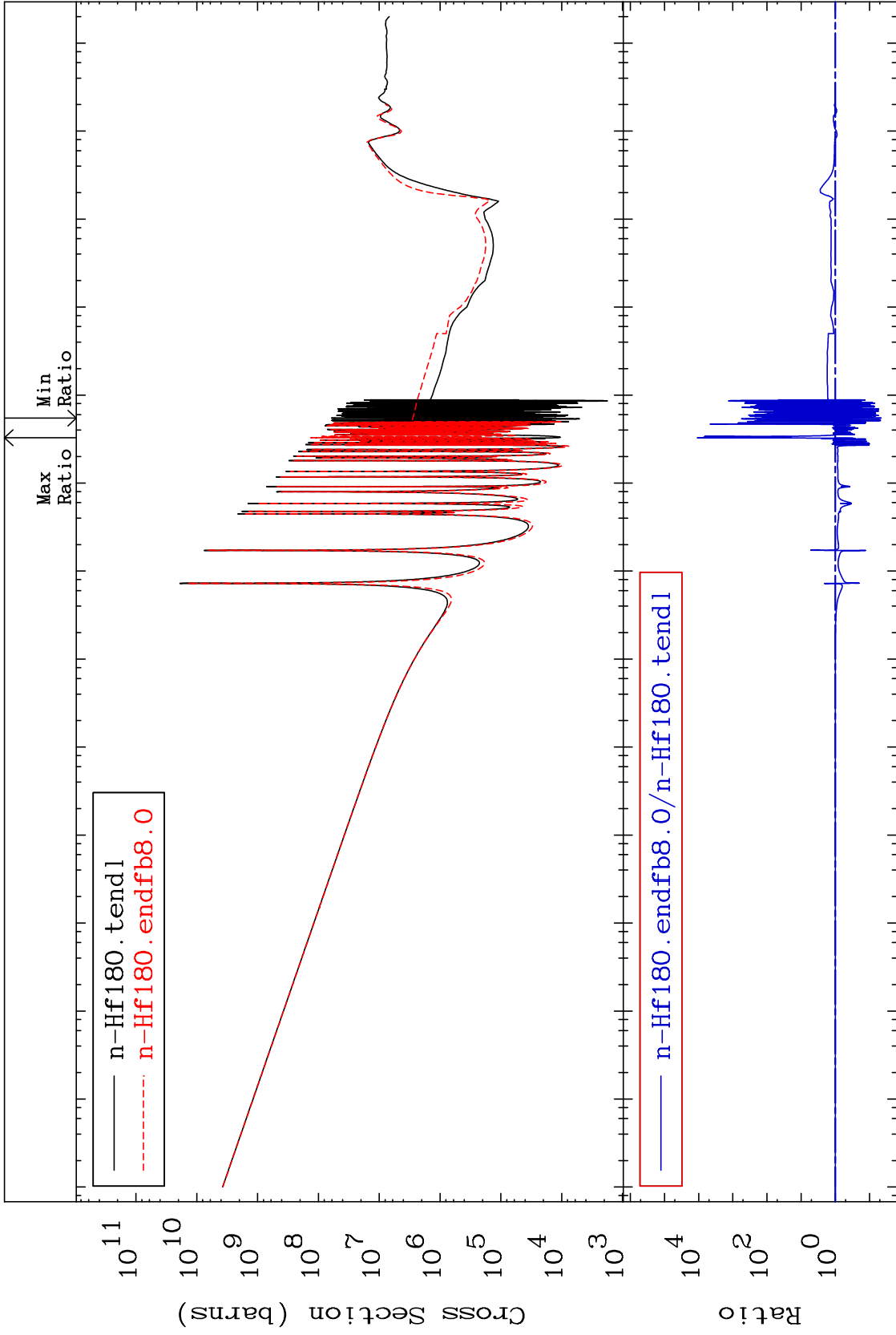
Incident Energy (eV)

⁷²Hf-180

MAT 7243

Total photon (eV-barns)
Cross Section

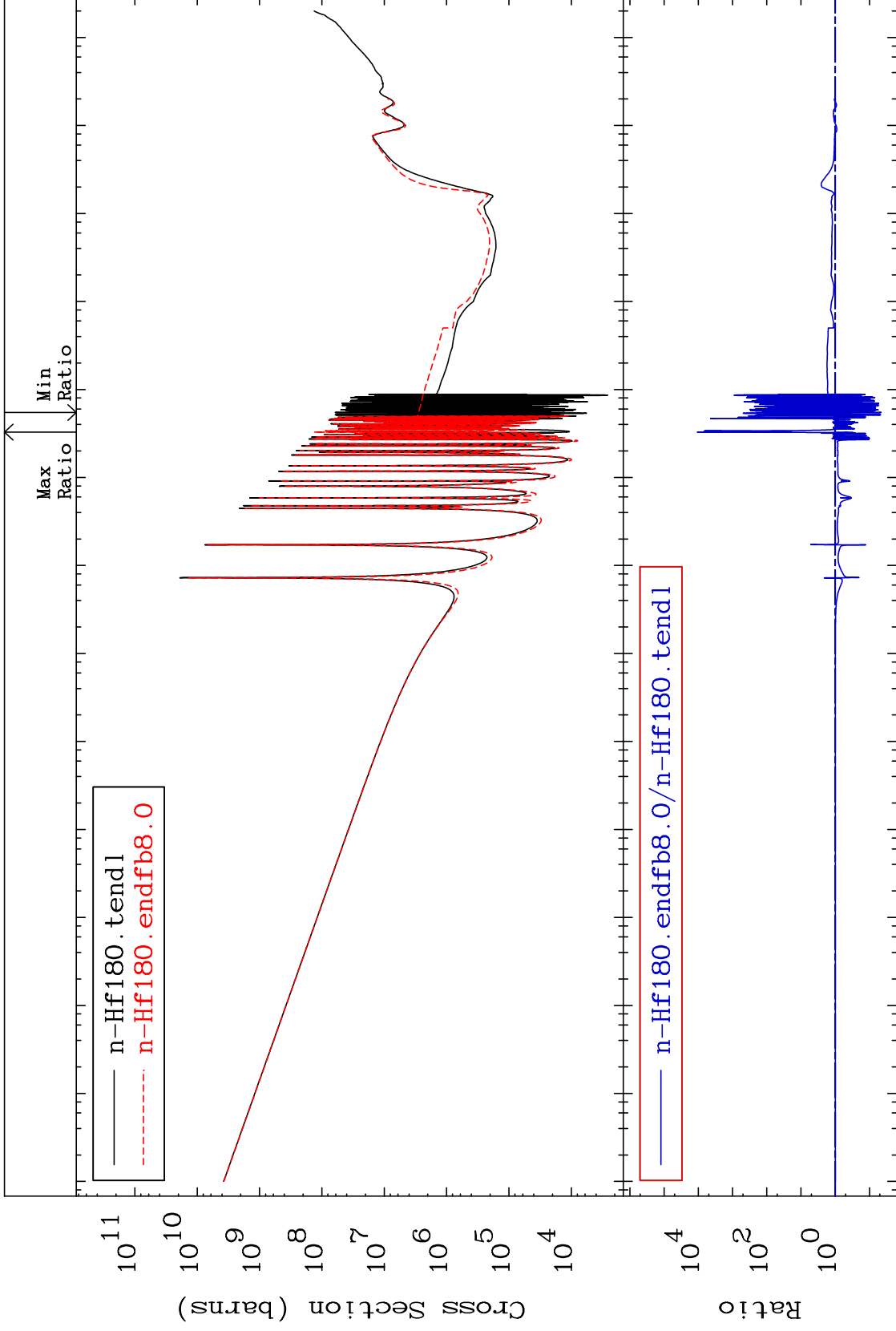
72-Hf-180
-95.44 To 9999. %



50

Incident Energy (eV)

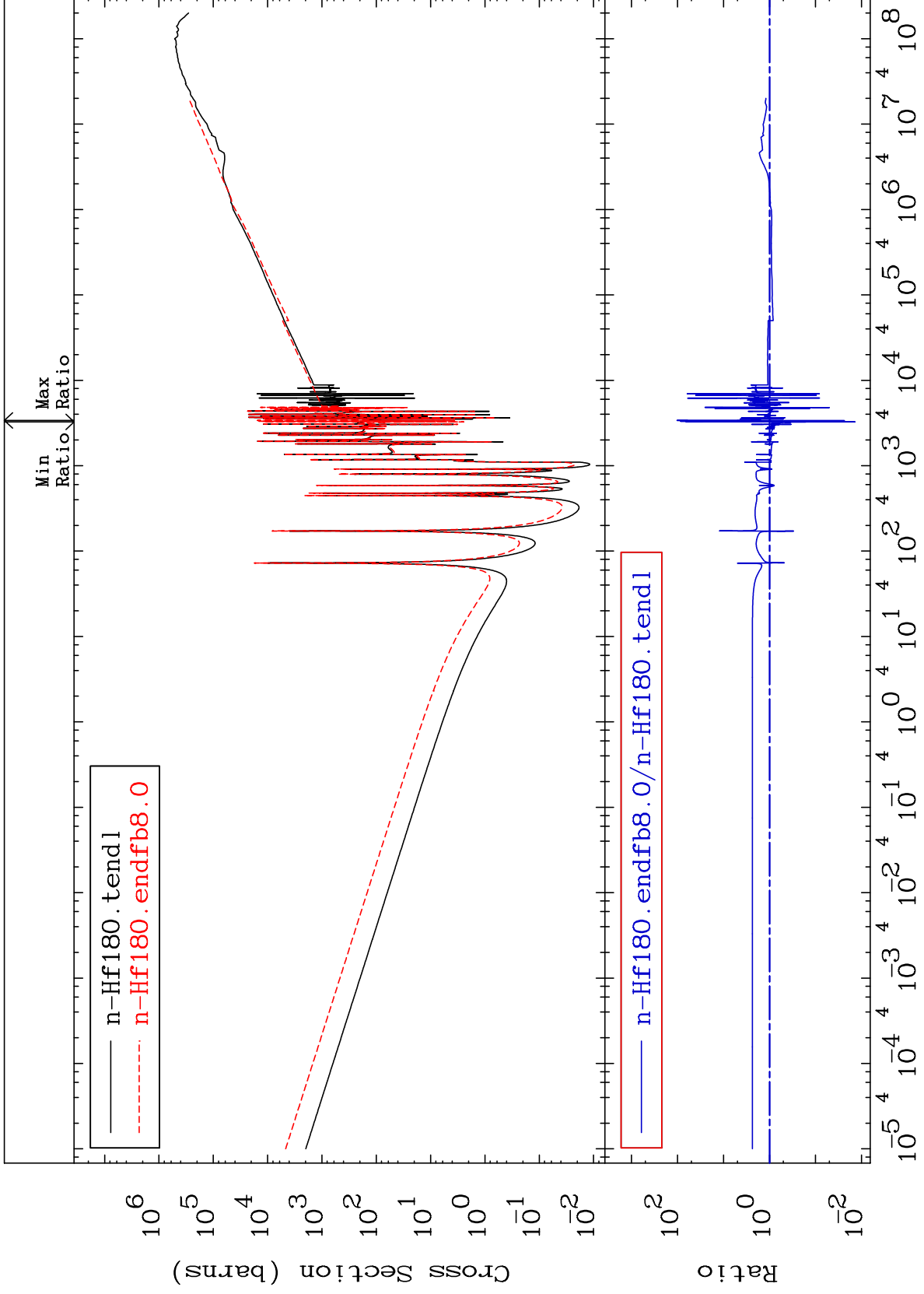
72-Hf-180



MAT 7243

Dpa total (eV-barns)
Cross Section

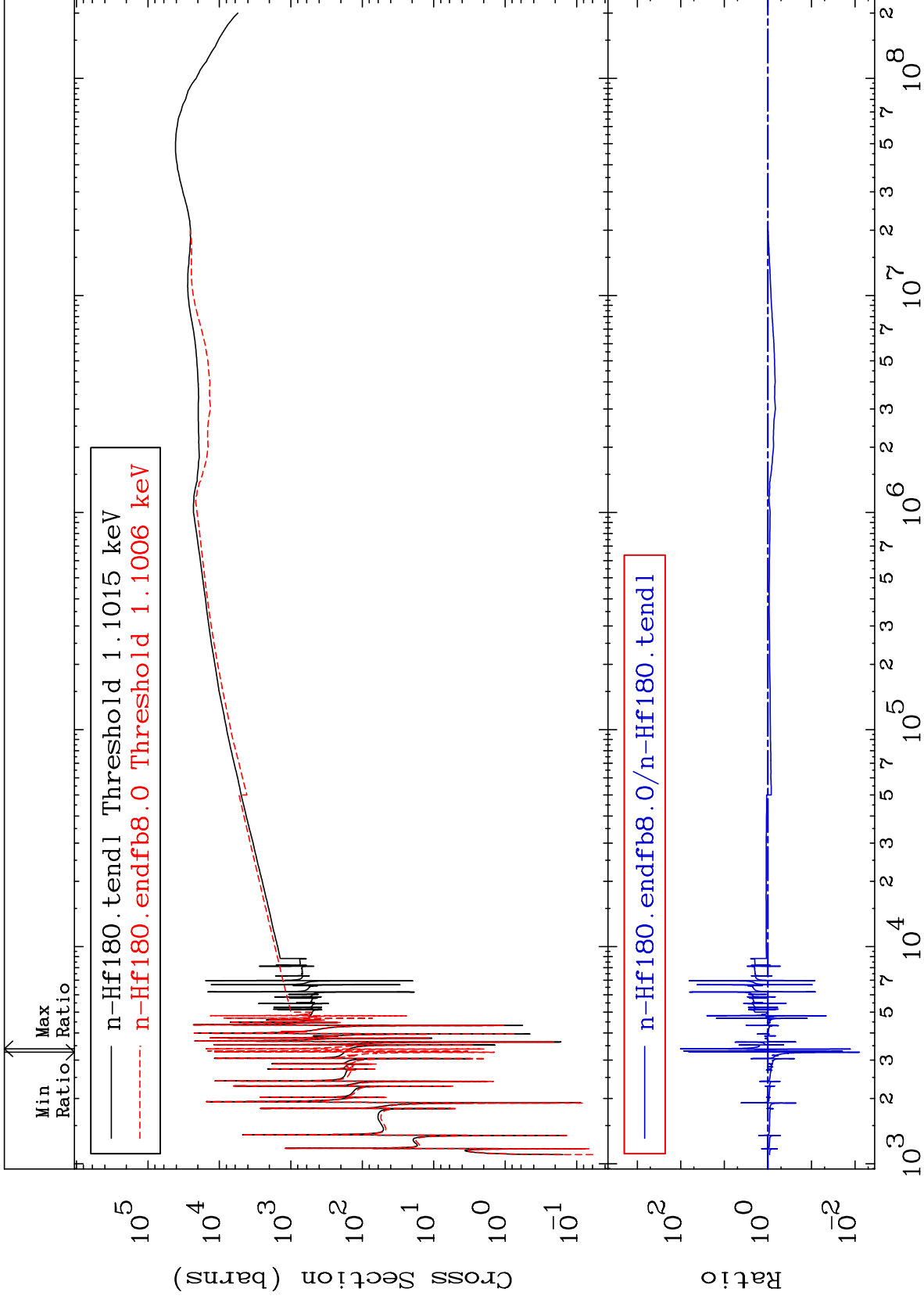
72-Hf-180
-98.62 To 9999. %



MAT 7243

Dpa elastic (mt2)
Cross Section

72-Hf-180
-99.21 To 9999. %



53

Incident Energy (eV)

72-Hf-180

