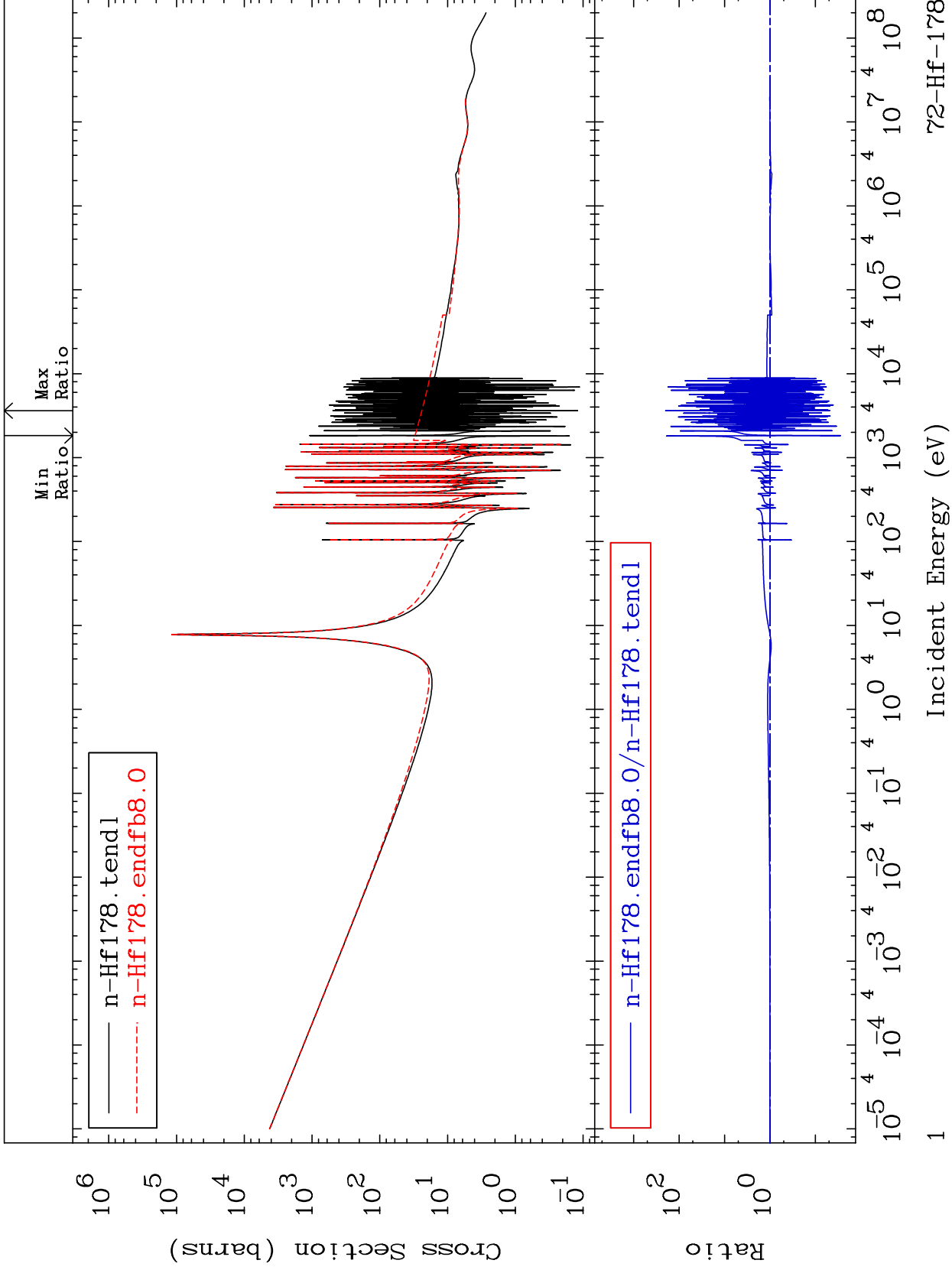


MAT 7237

Total
Cross Section

72-Hf-178
-97.21 To 9999. %



Incident Energy (eV)

72-Hf-178

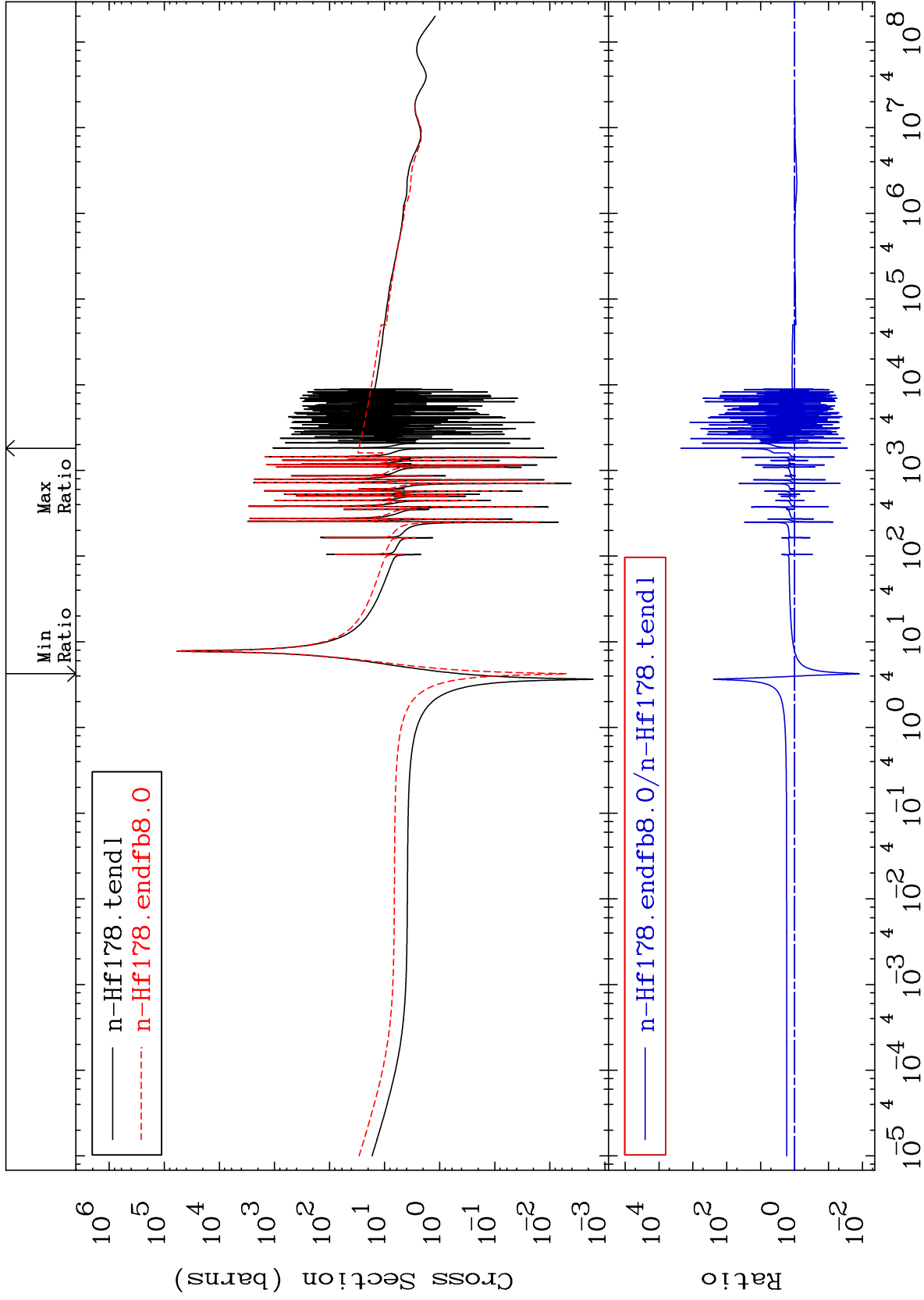
MAT 7237

Elastic

72-Hf-178

Cross Section

-98.79 To 9999. %



2

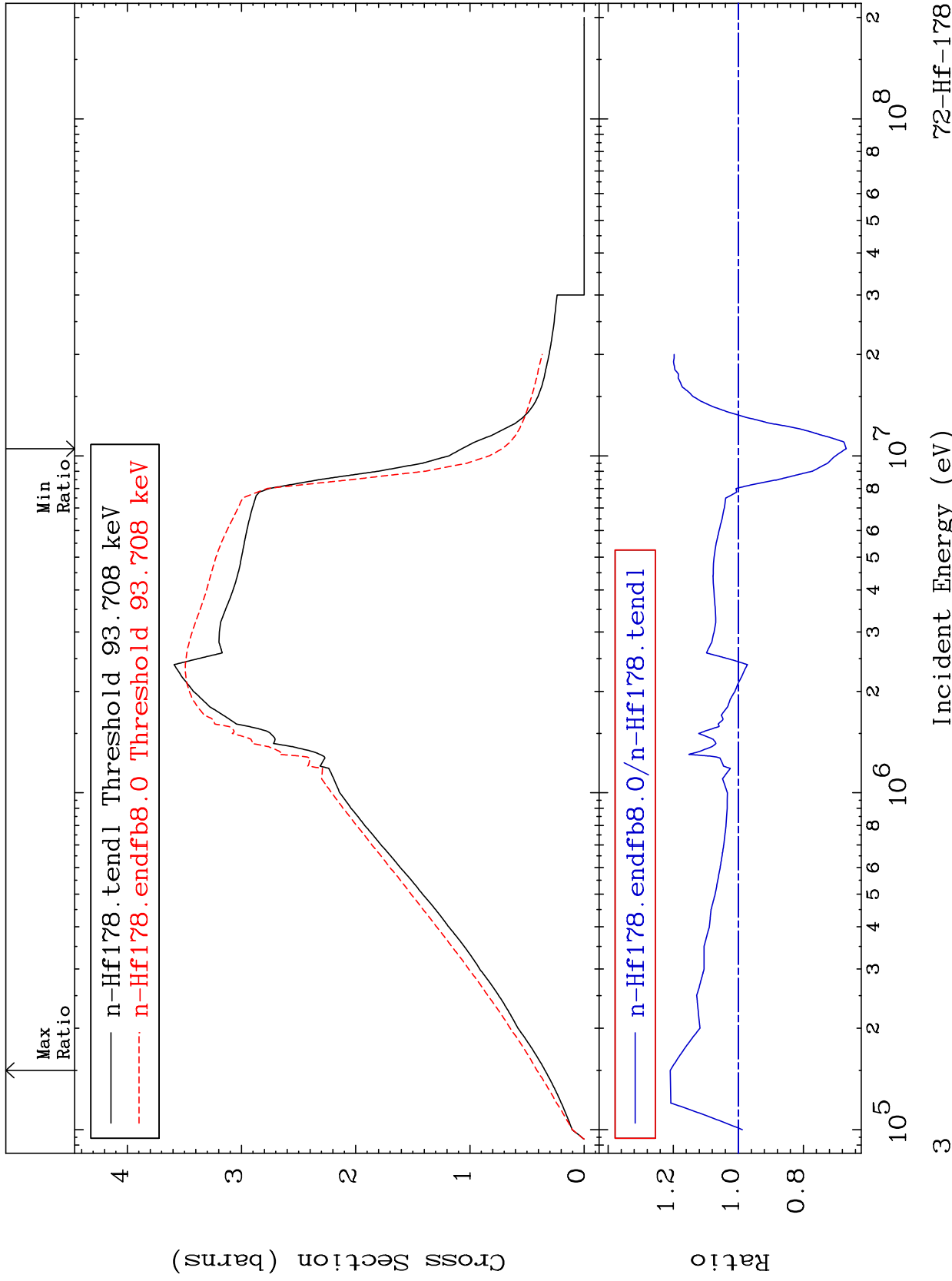
Incident Energy (eV)

72-Hf-178

MAT 7237

Inelastic
Cross Section

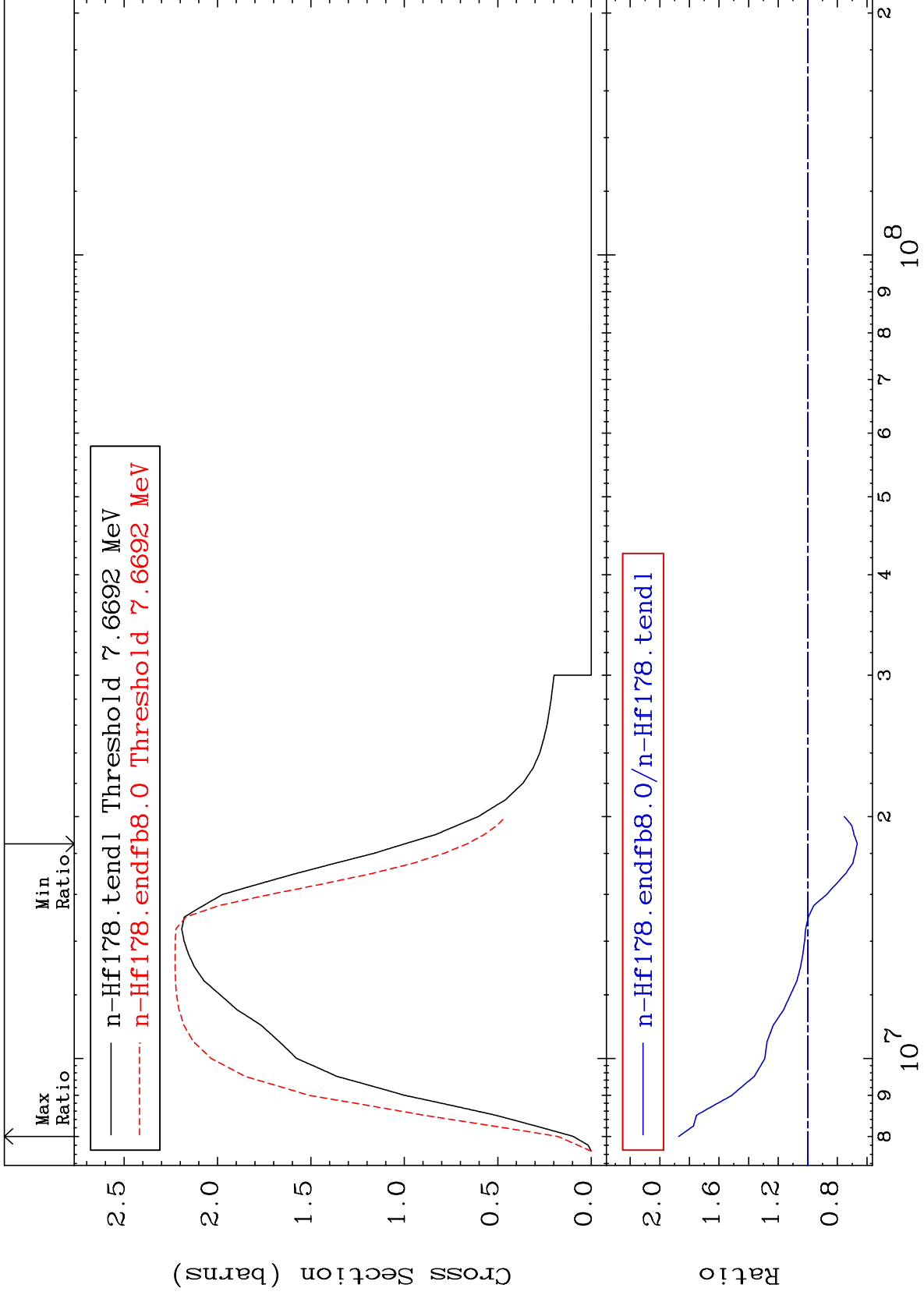
72-Hf-178
-33.18 To 20.93 %



MAT 7237

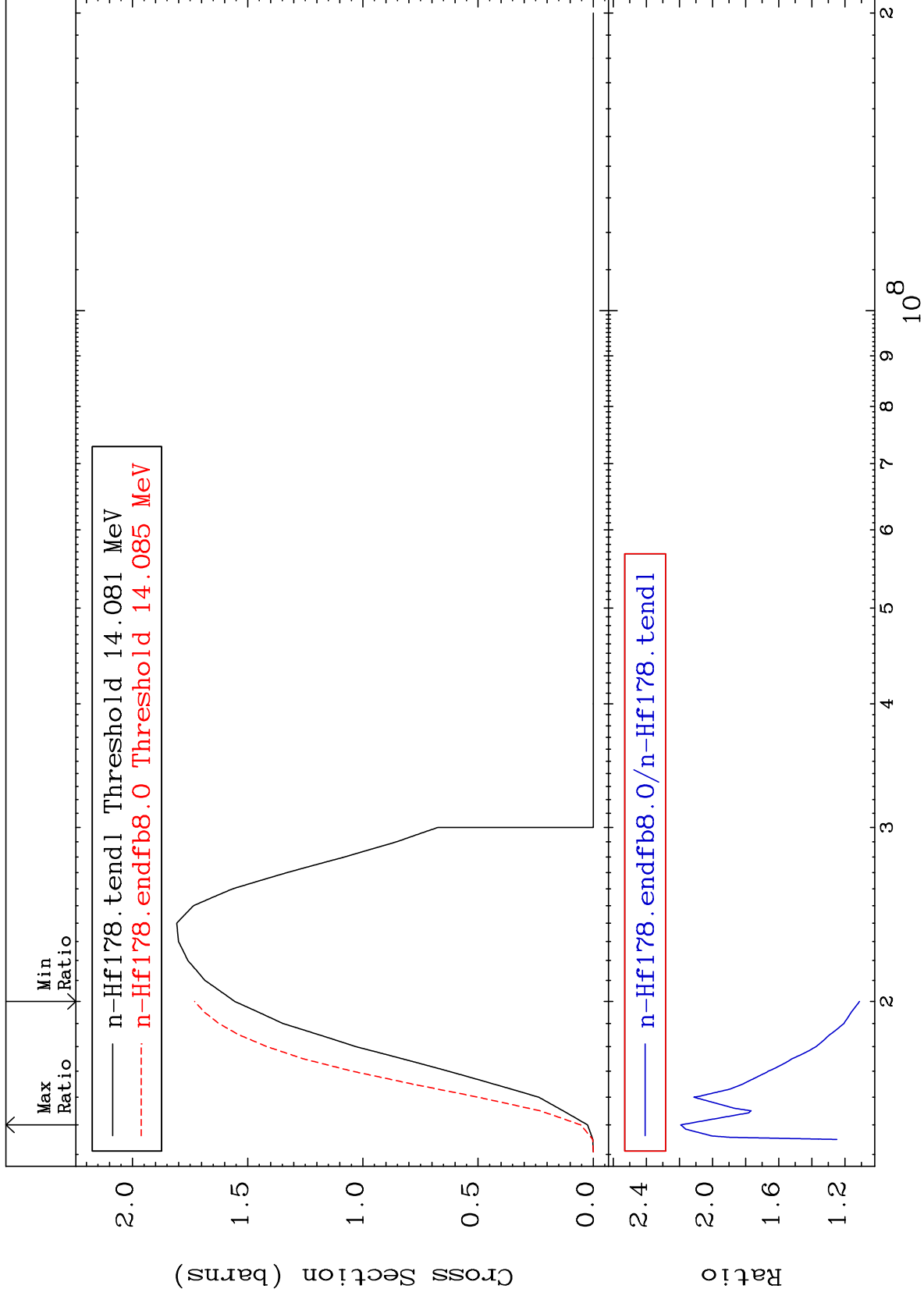
(n,2n)
Cross Section

72-Hf-178
-33.44 To 87.28 %



Cross Section

11.14 To 119.2 %



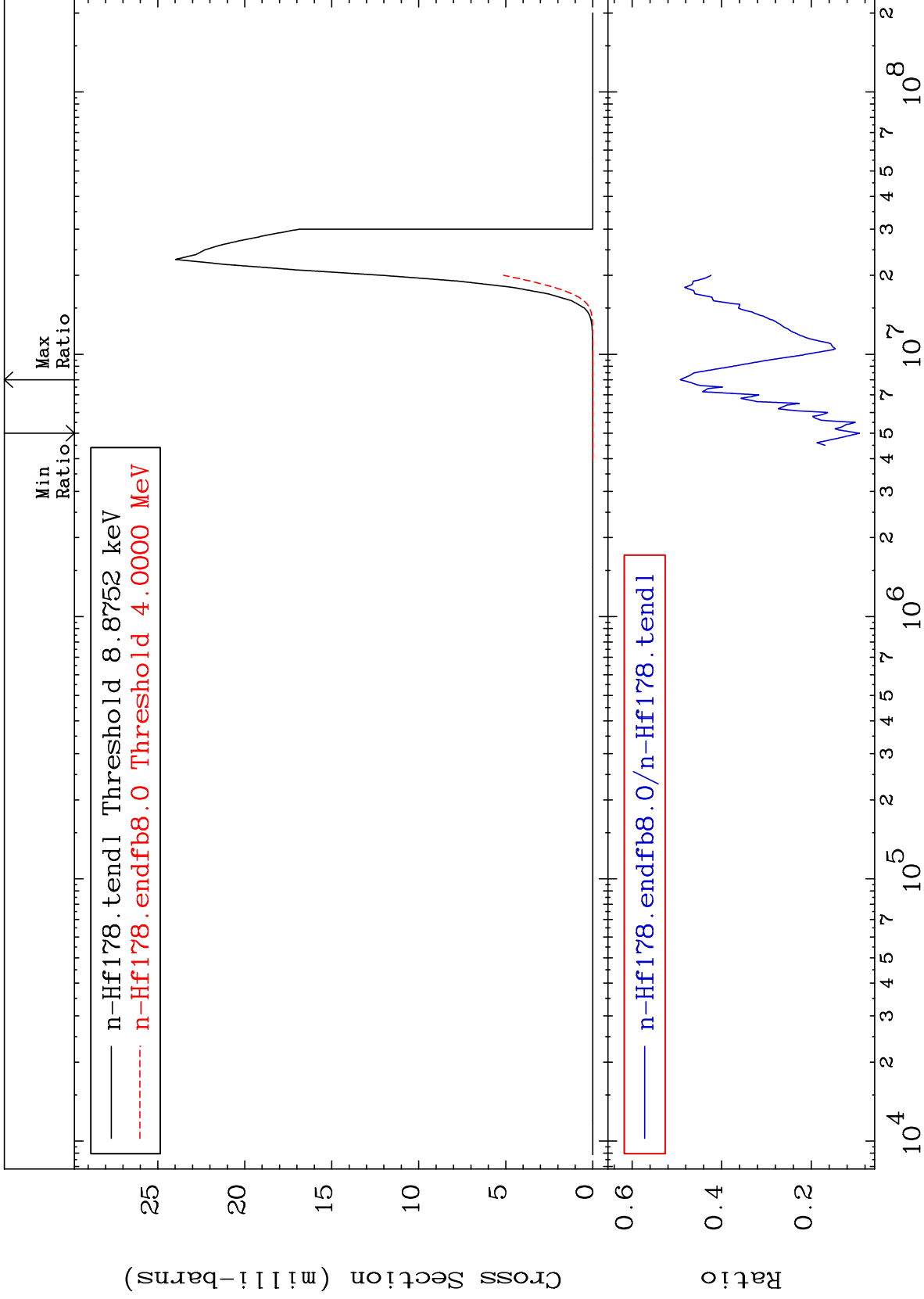
MAT 7237

(n, n') α

72-Hf-178

Cross Section

-90.75 To -50.78%



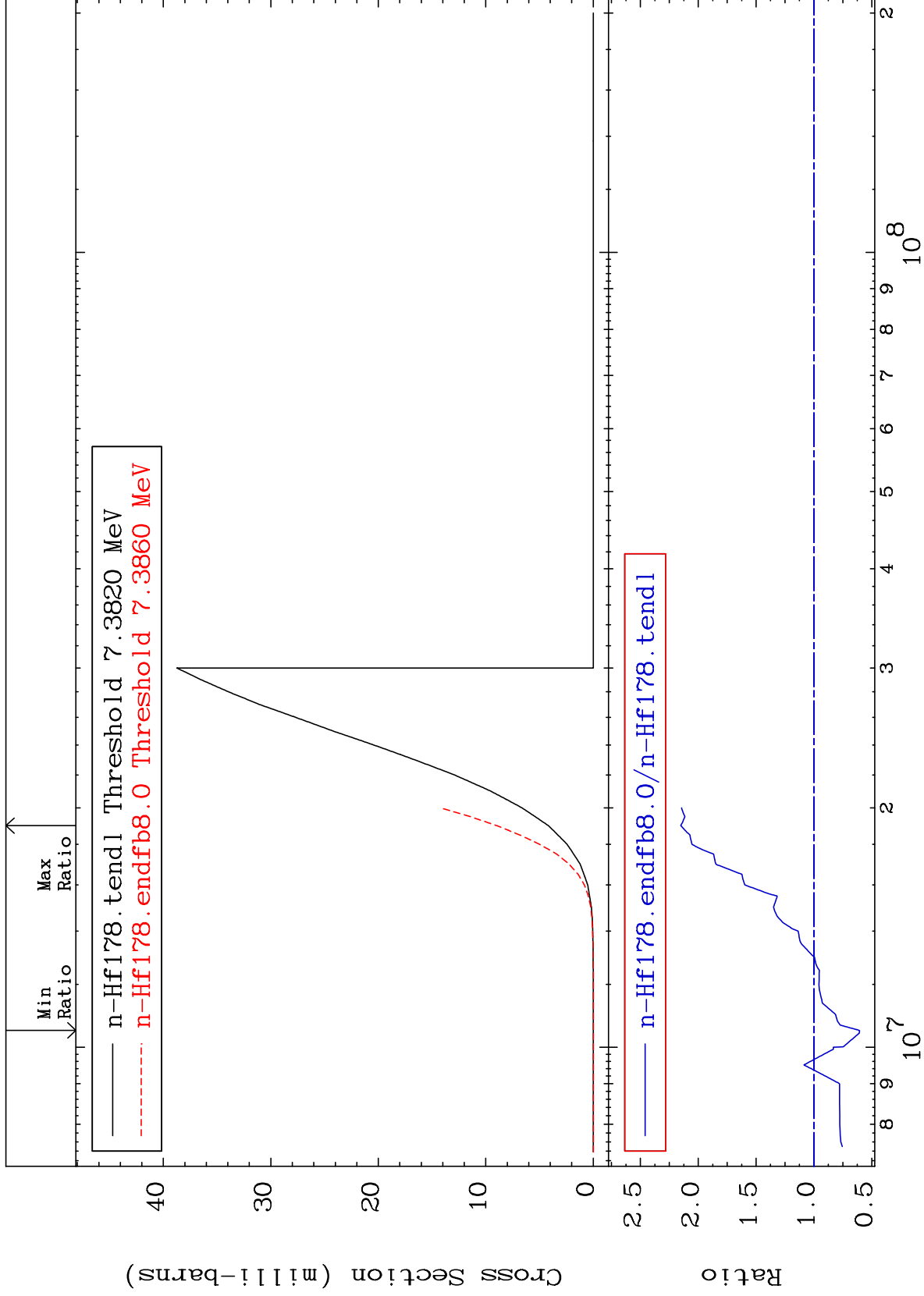
Incident Energy (eV)

72-Hf-178

MAT 7237

(n,n') p
Cross Section

72-Hf-178
-39.44 To 115.1 %



7

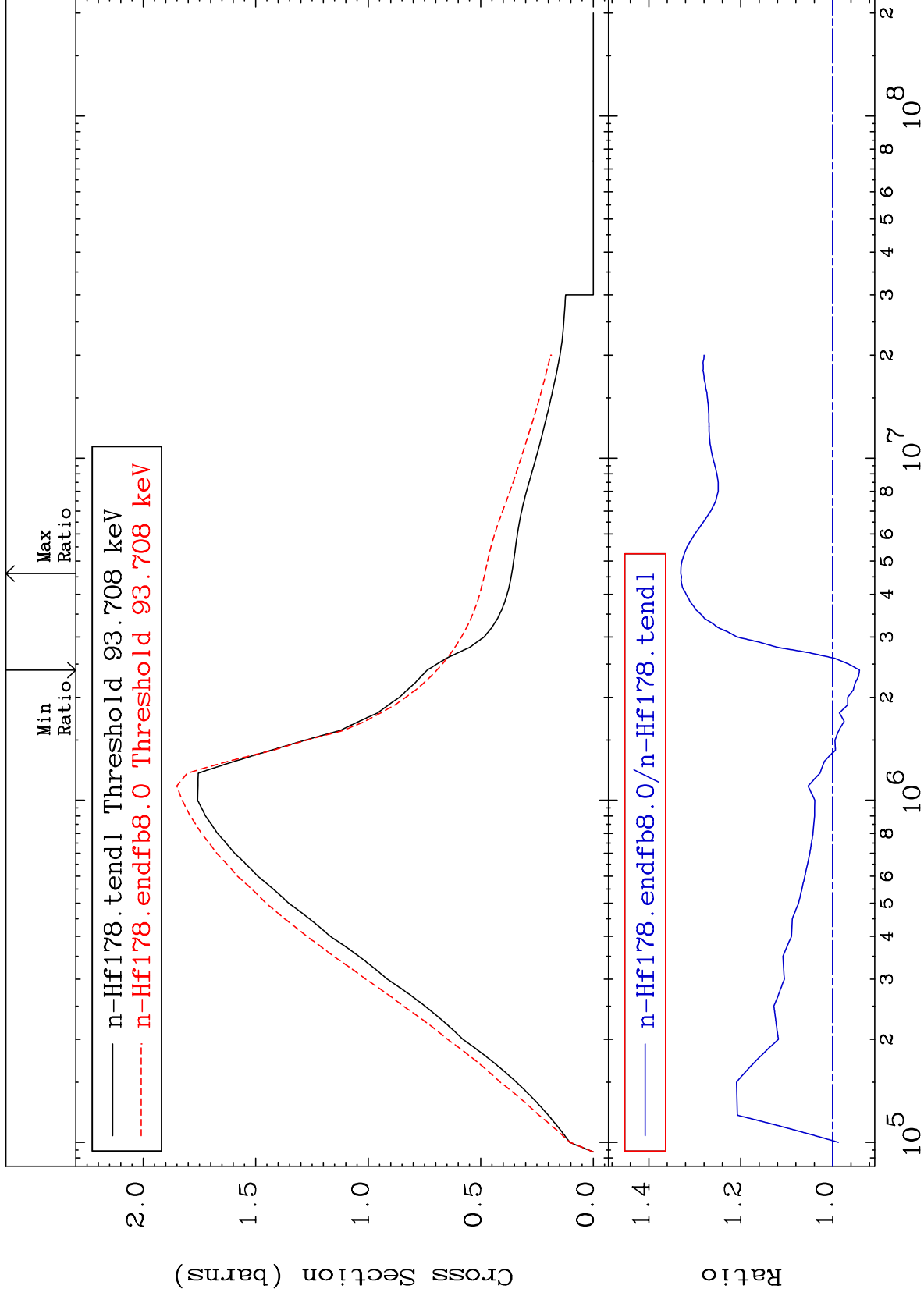
Incident Energy (eV)

72-Hf-178

MAT 7237

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

72-Hf-178
-5.837 To 33.04 %



8

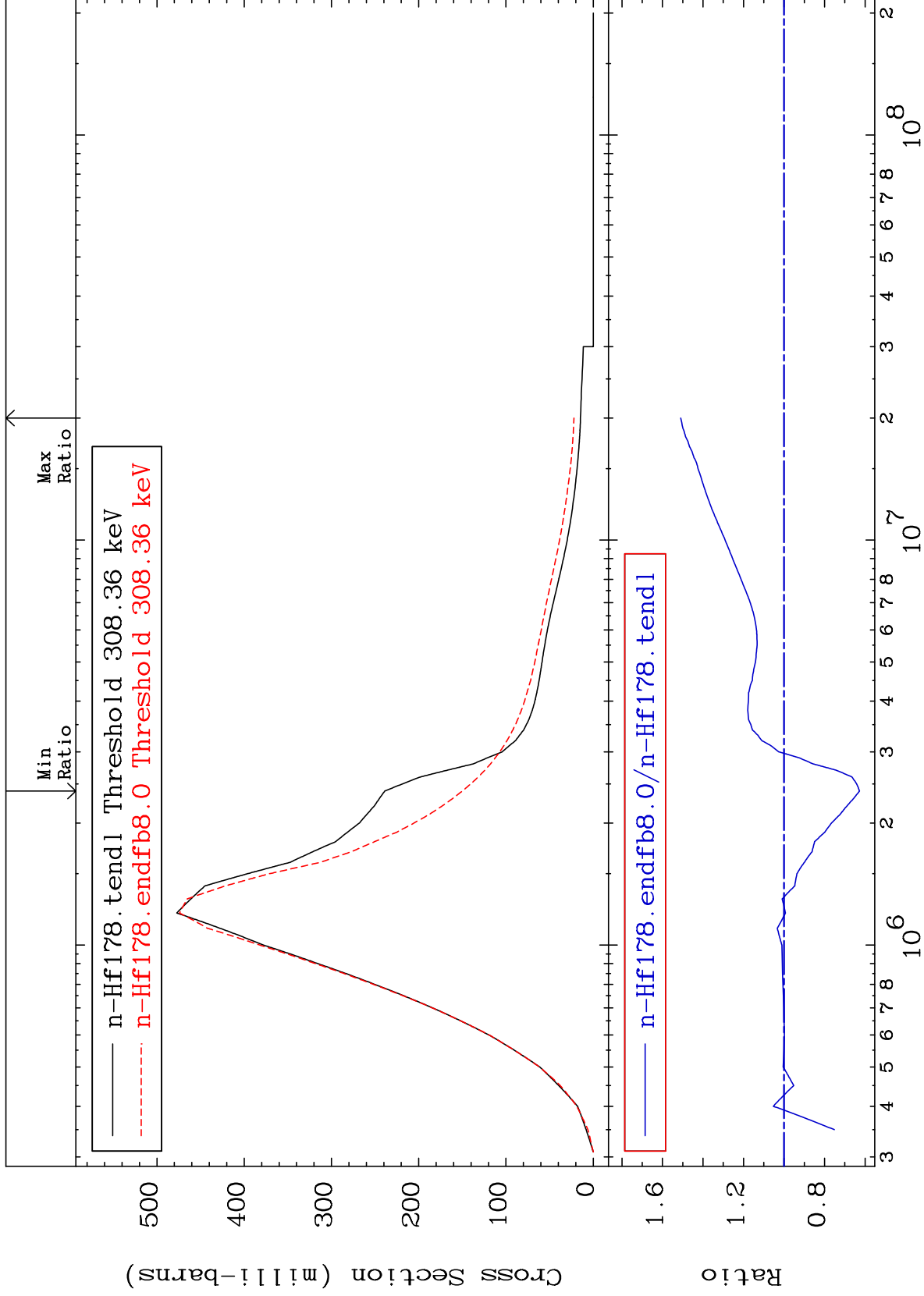
Incident Energy (eV)

72-Hf-178

MAT 7237

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

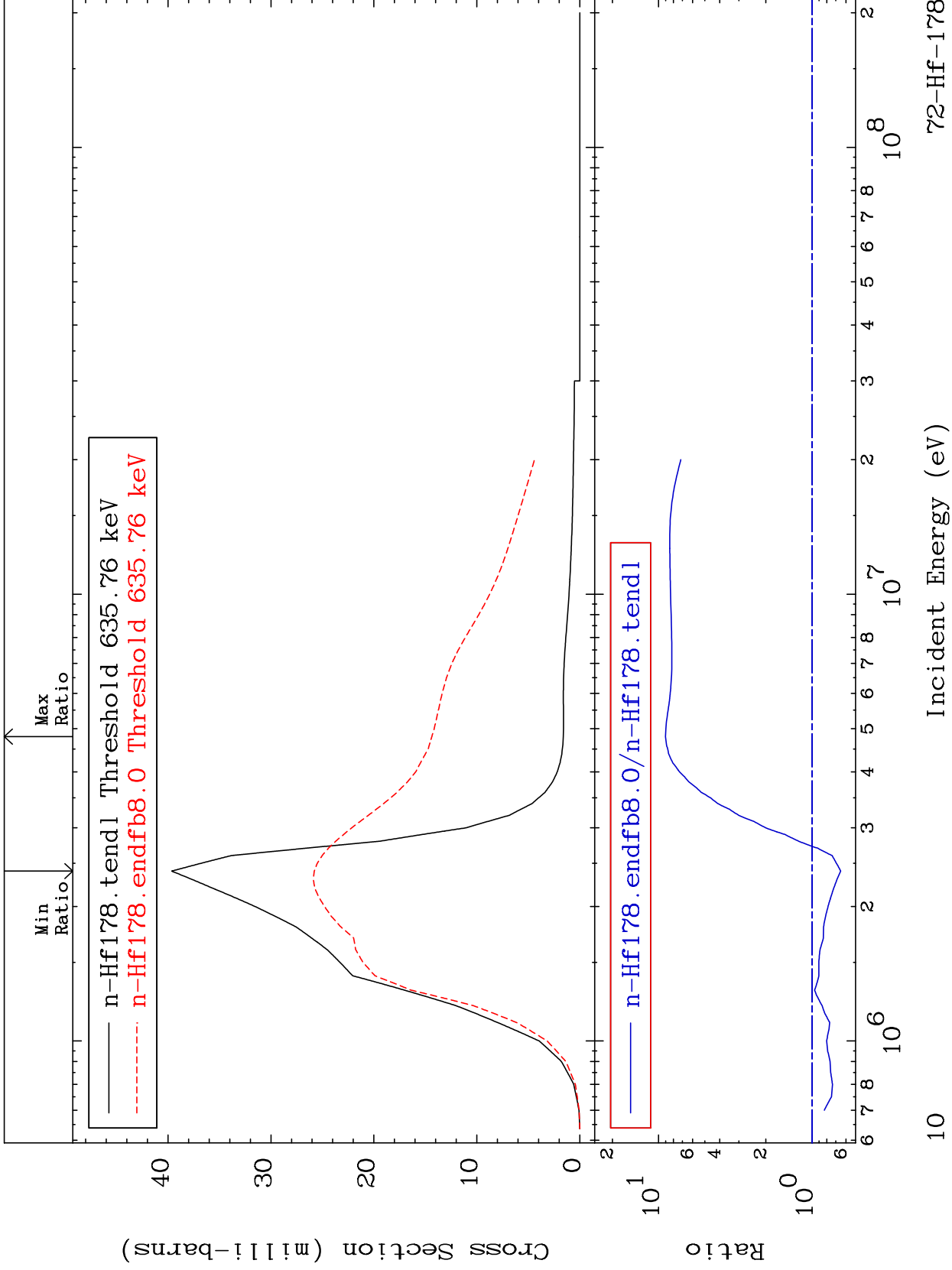
72-Hf-178
-37.25 To 50.96 %



MAT 7237

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

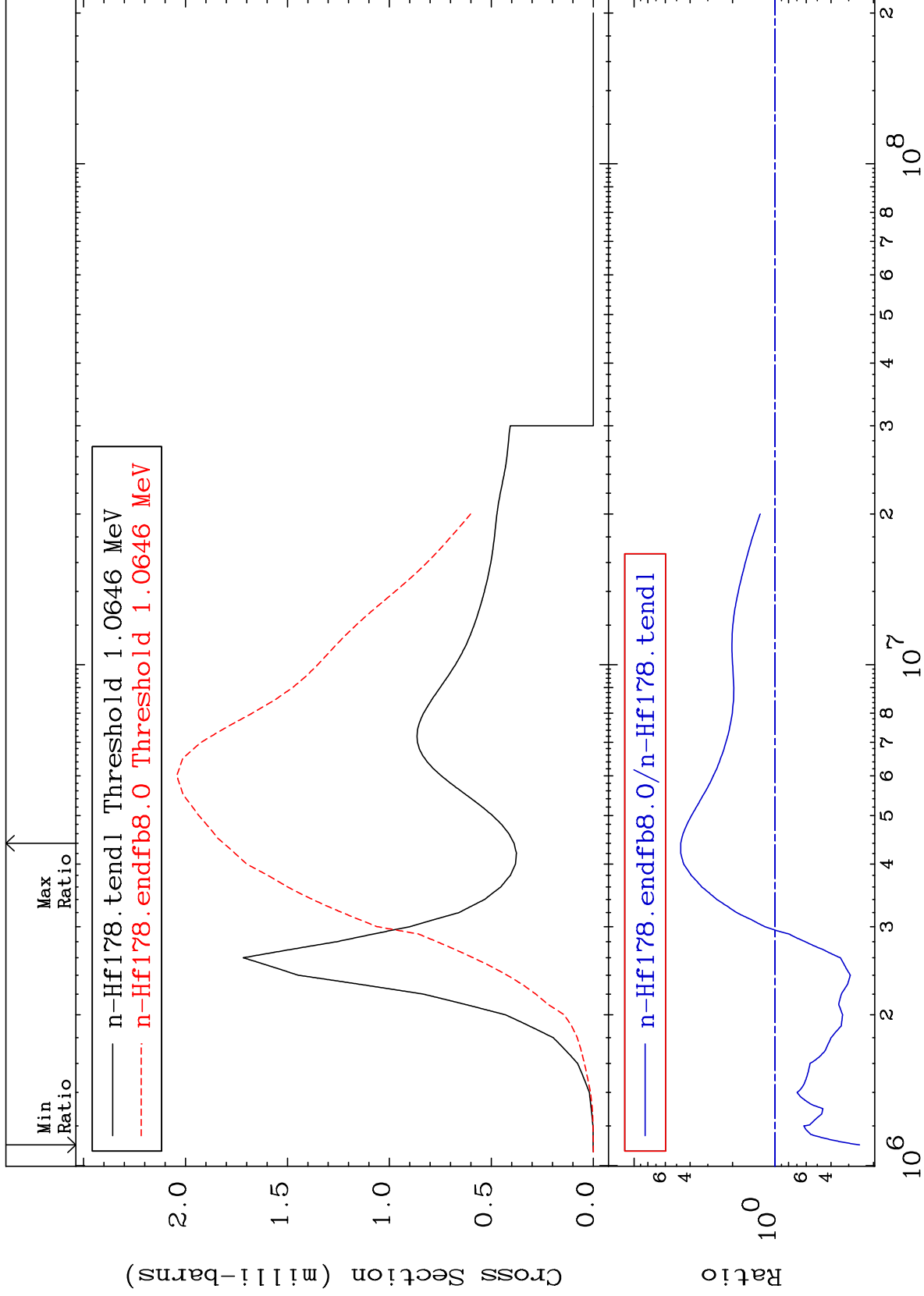
72-Hf-178
-34.94 To 801.5 %



MAT 7237

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

72-Hf-178
-74.90 To 366.3 %



11

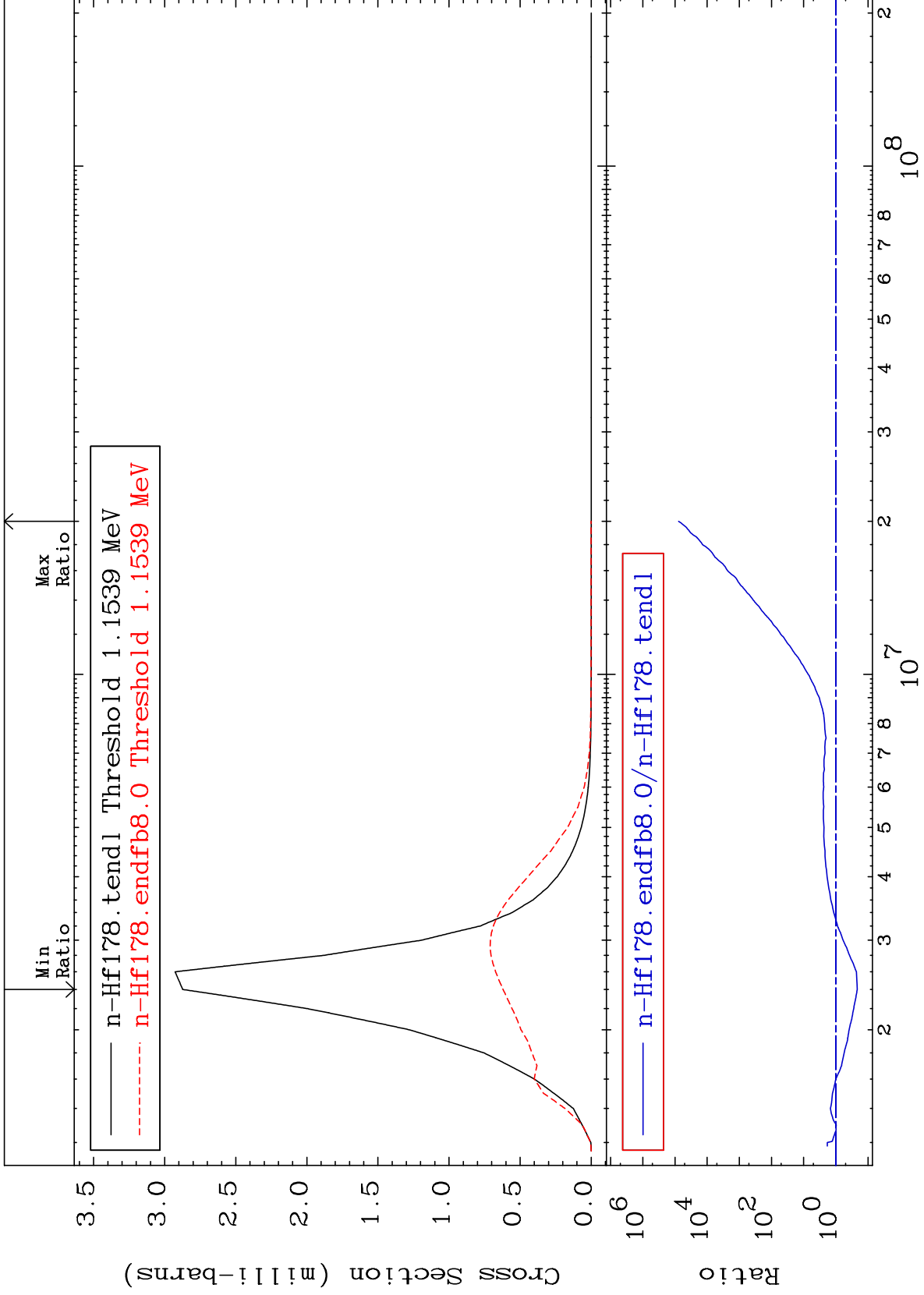
Incident Energy (eV)

72-Hf-178

MAT 7237

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

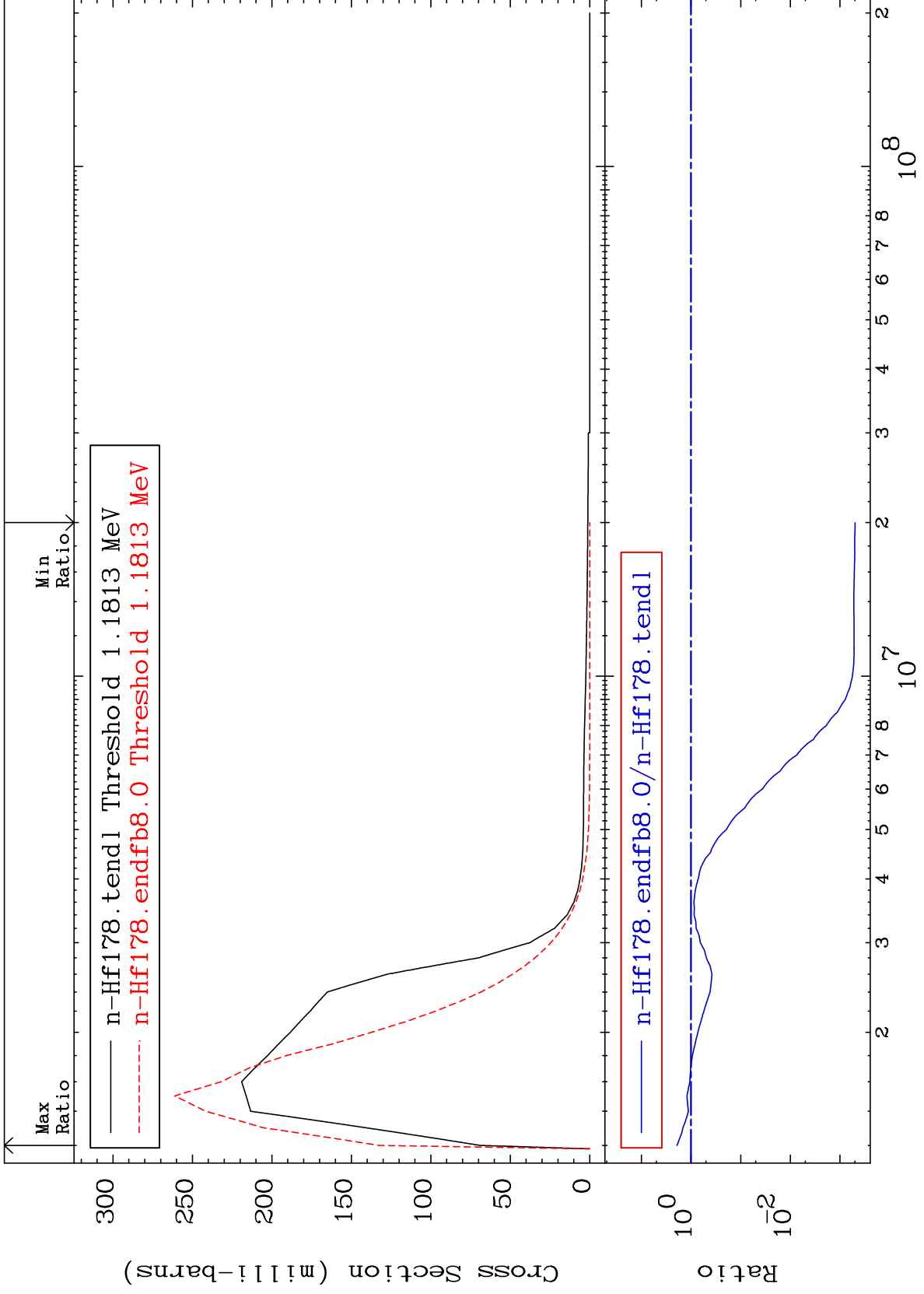
72-Hf-178
-78.44 To 9999. %



MAT 7237

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

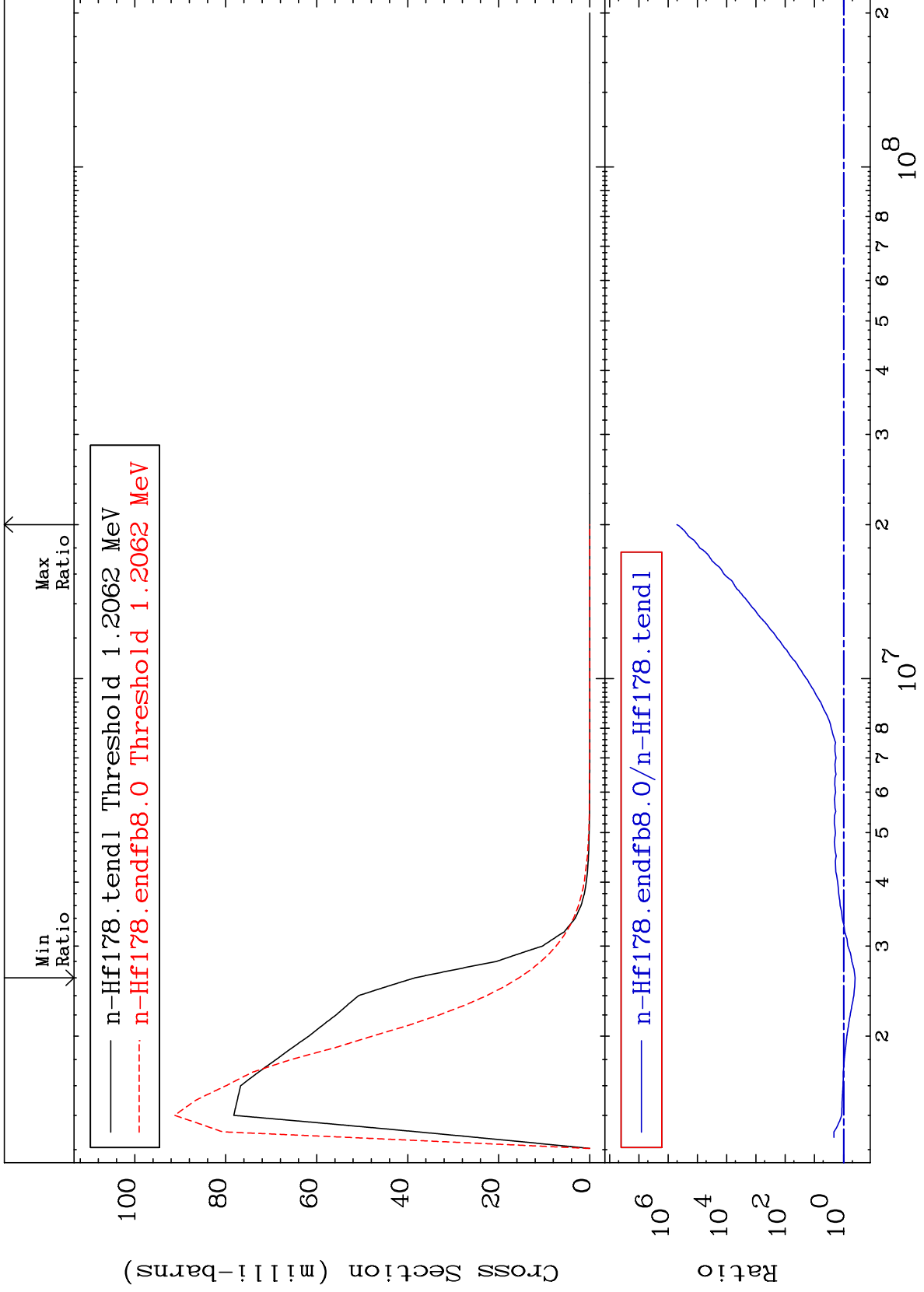
72-Hf-178
-99.95 To 92.44 %



MAT 7237

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

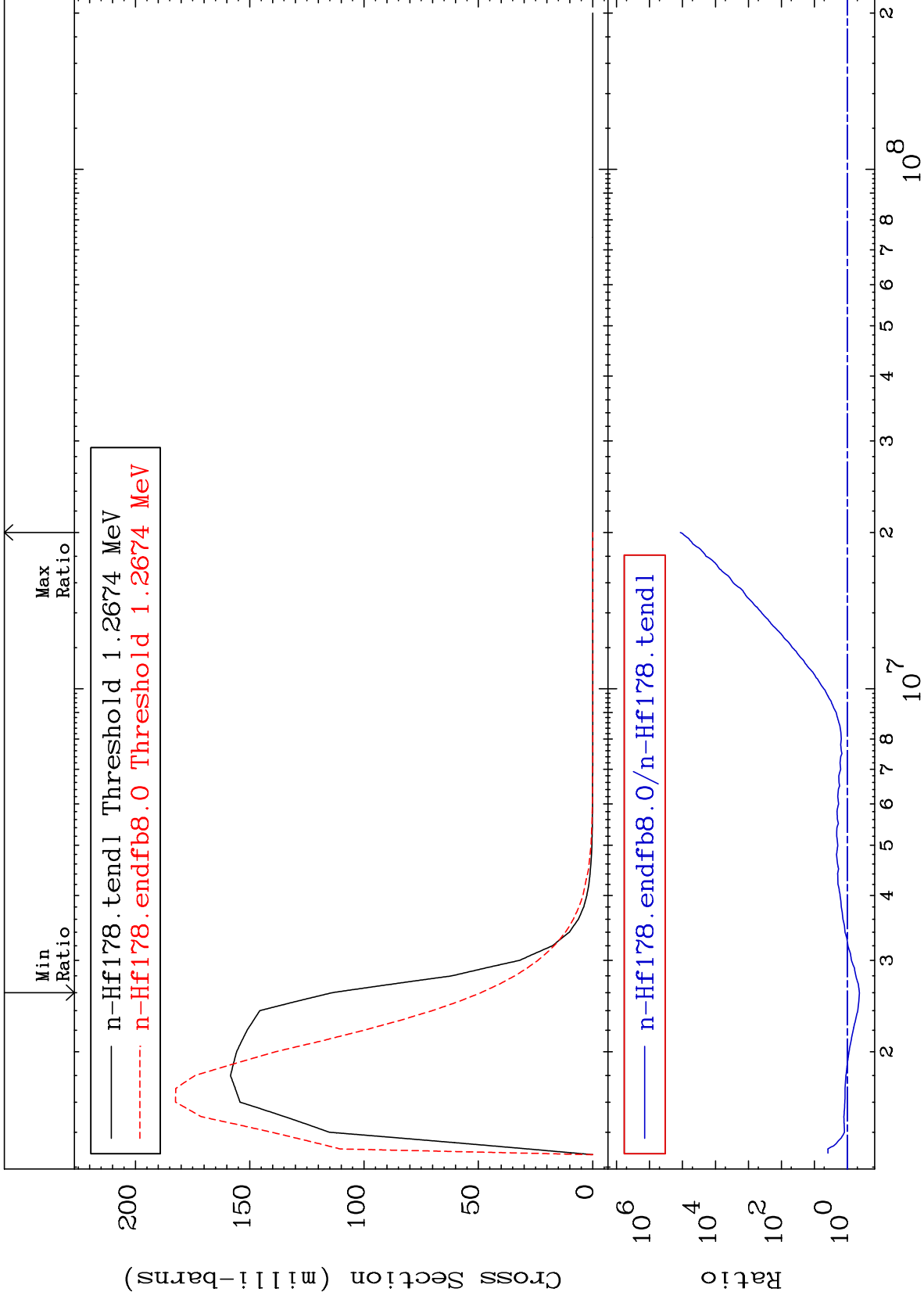
72-Hf-178
-59.59 To 9999. %



MAT 7237

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

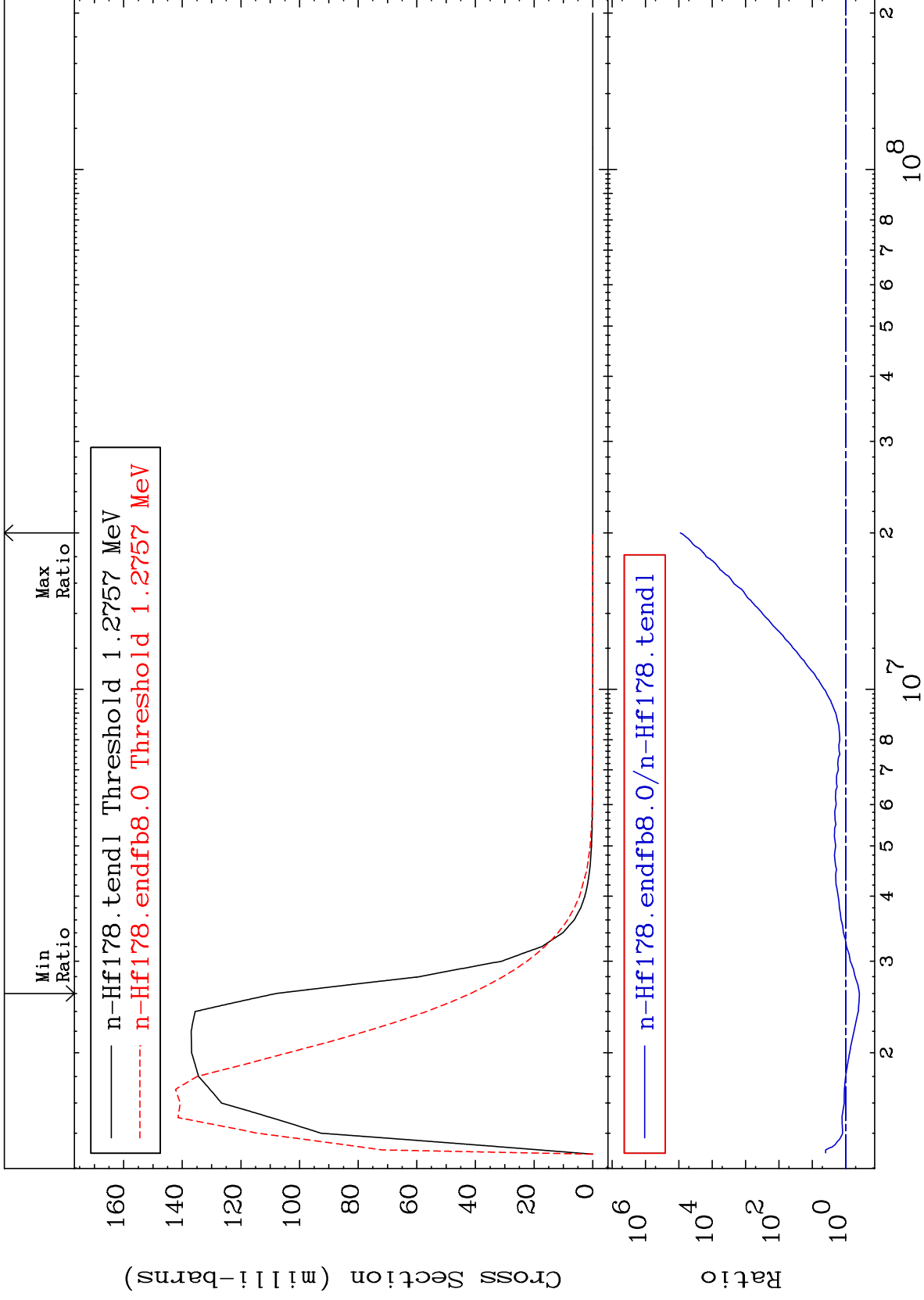
72-Hf-178
-57.10 To 9999. %



MAT 7237

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

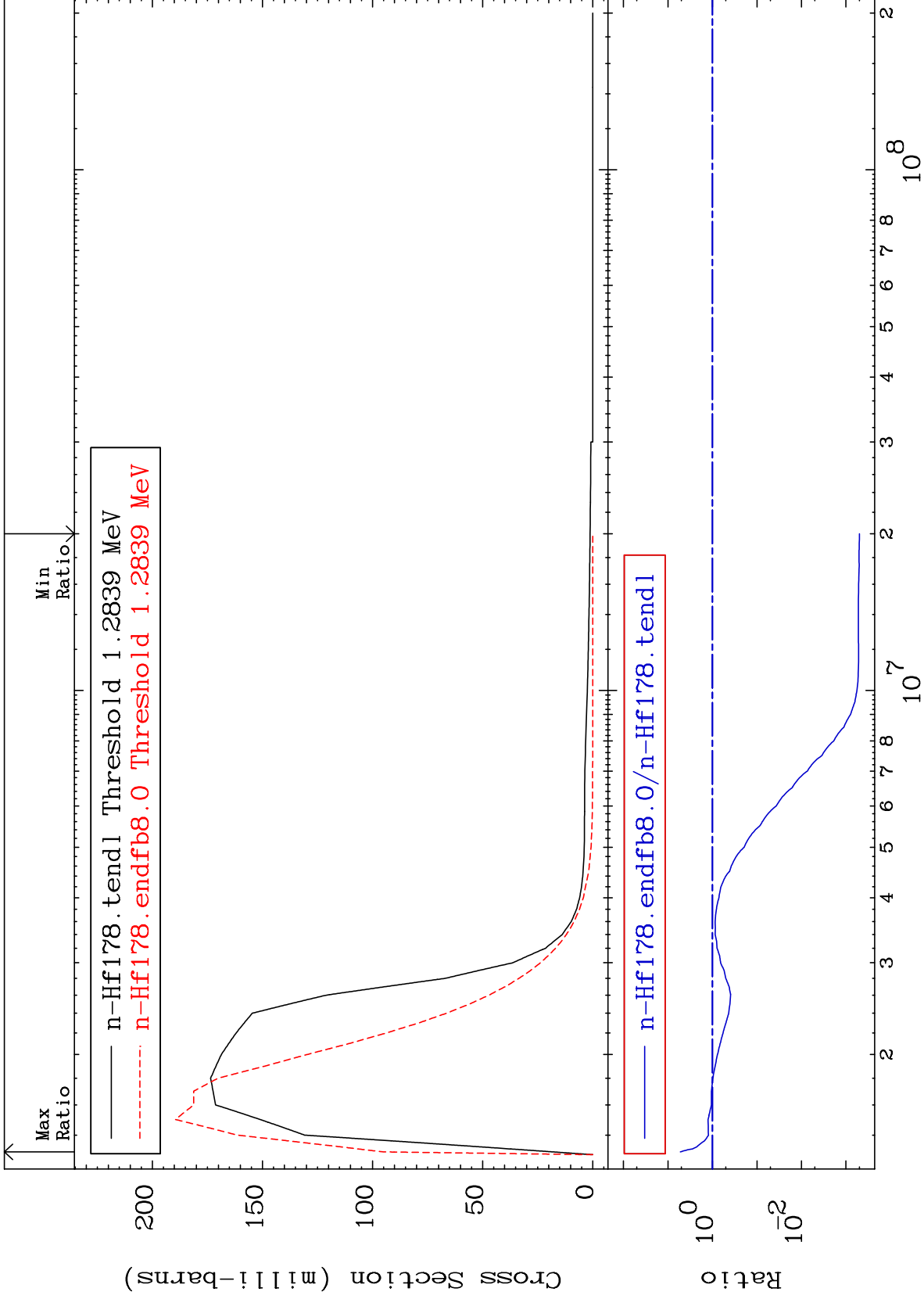
72-Hf-178
-61.42 To 9999. %

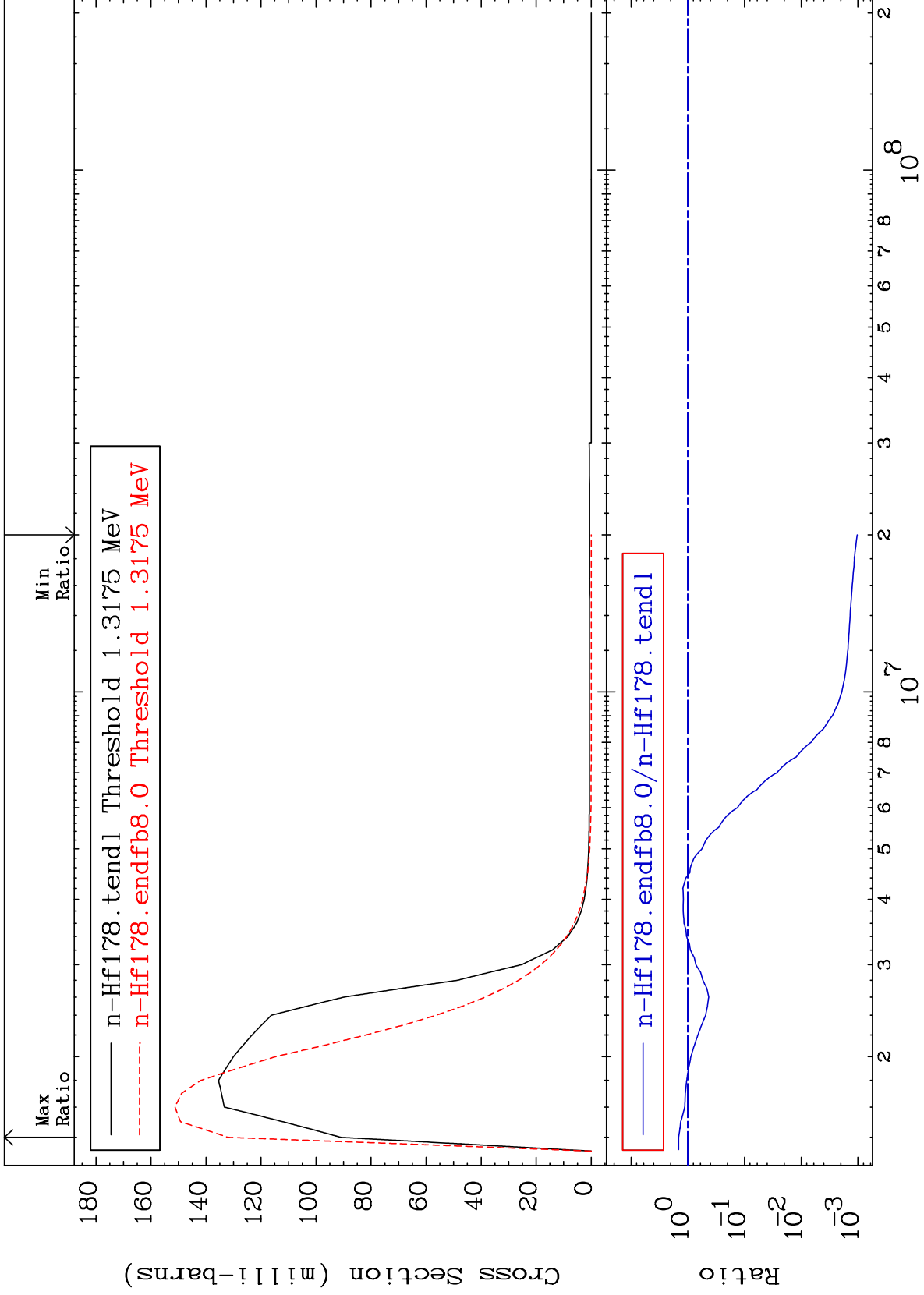


MAT 7237

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

72-Hf-178
-99.95 To 425.7 %

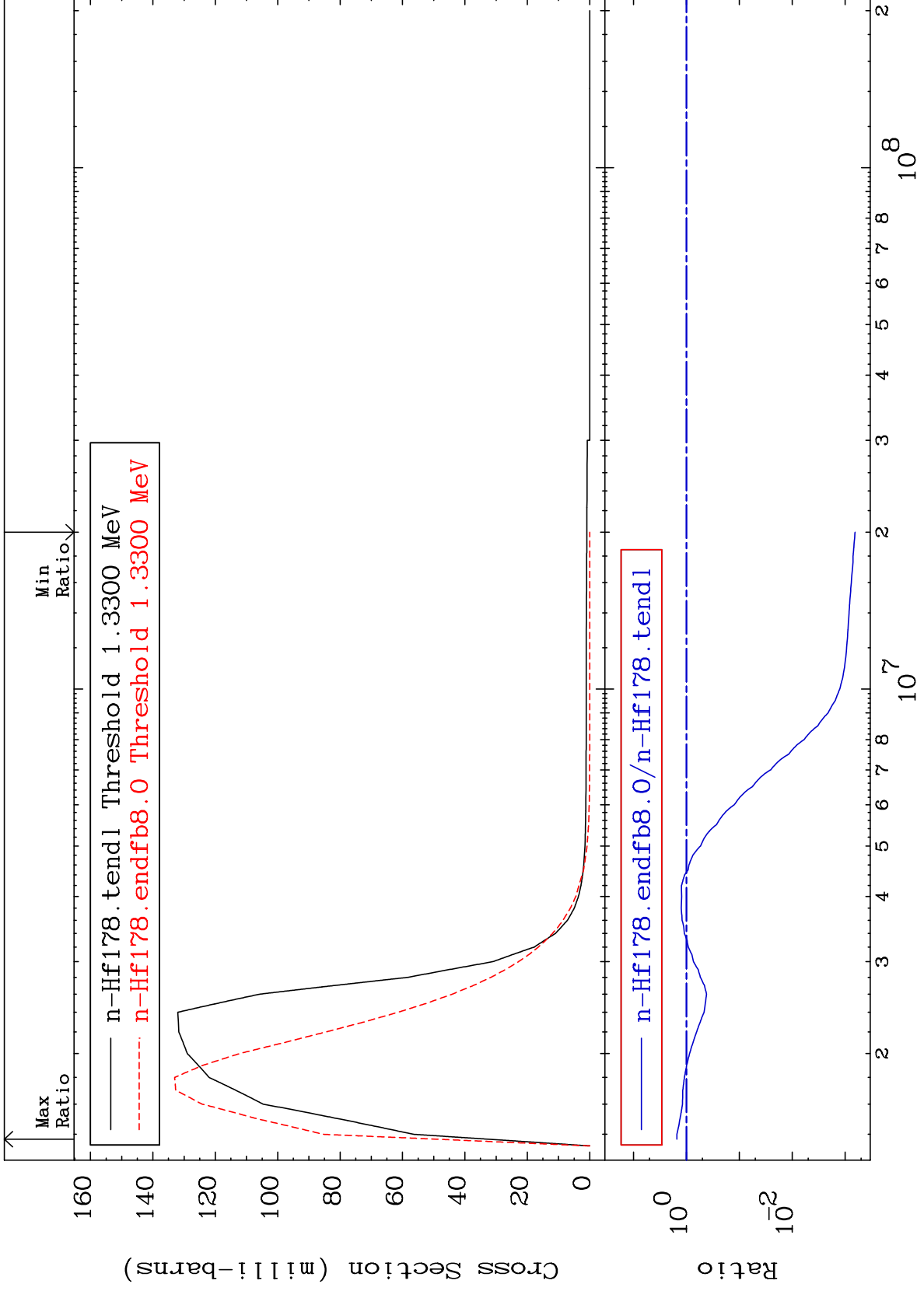




MAT 7237

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

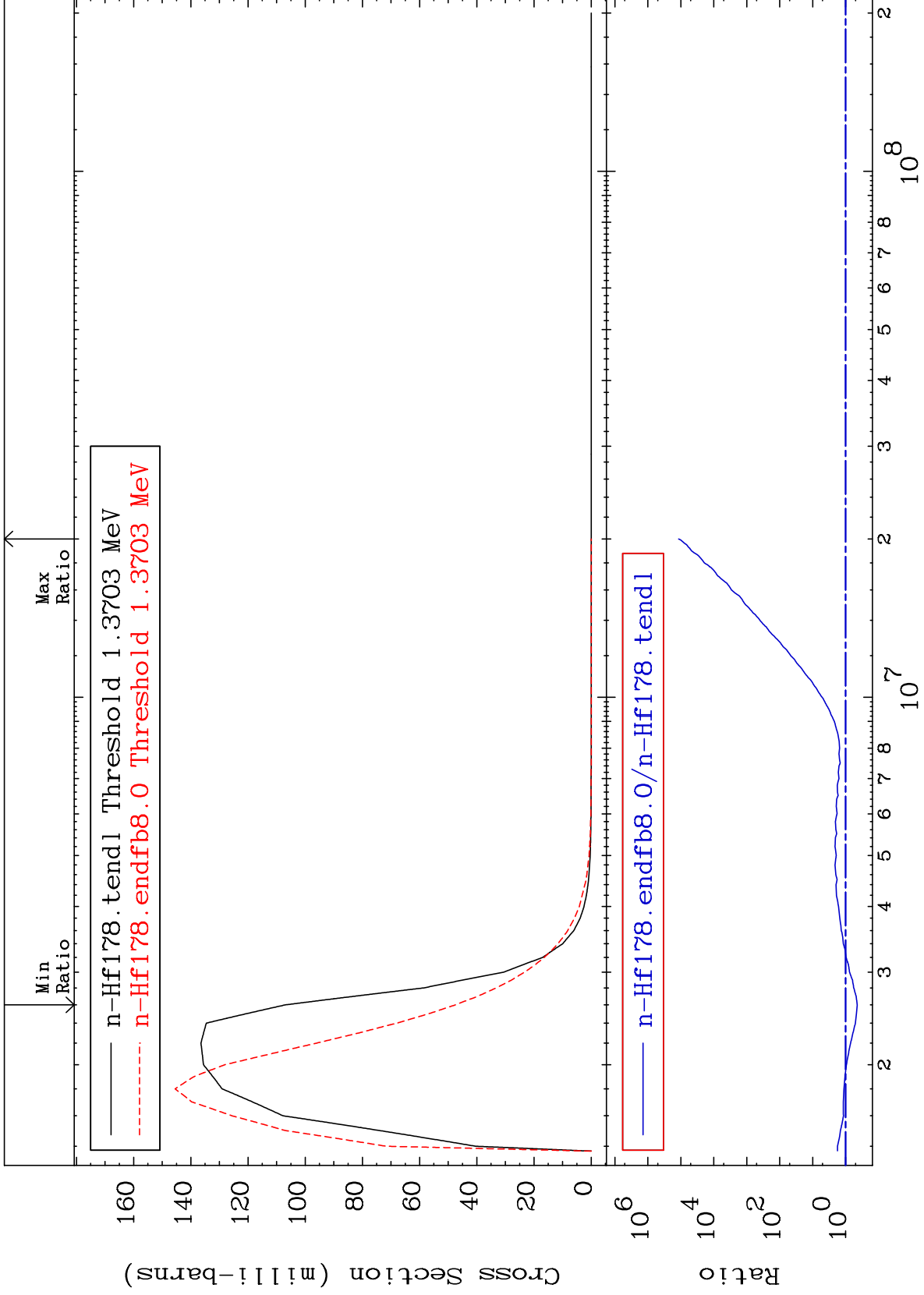
72-Hf-178
-99.94 To 51.07 %

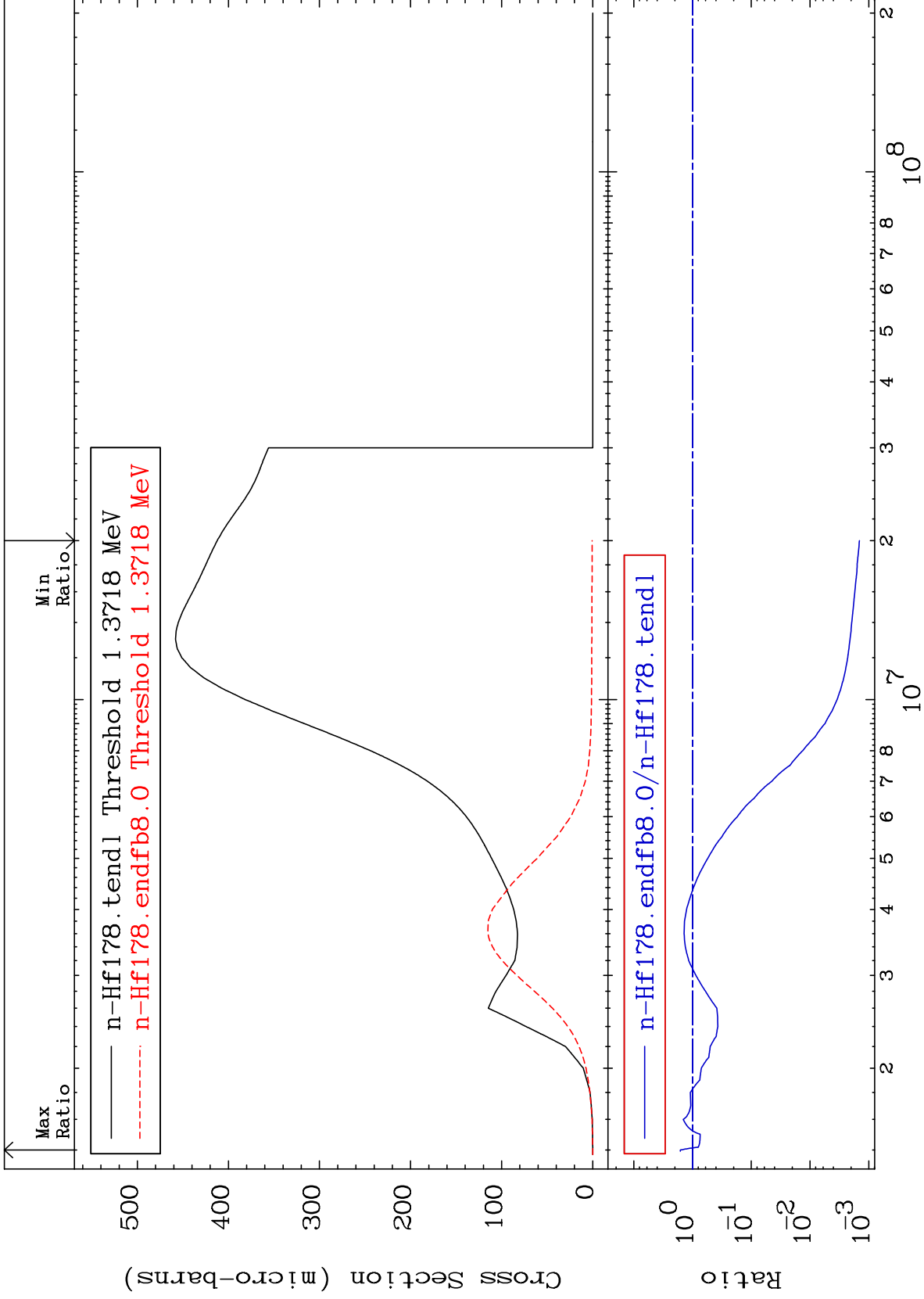


MAT 7237

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

72-Hf-178
-55.60 To 9999. %

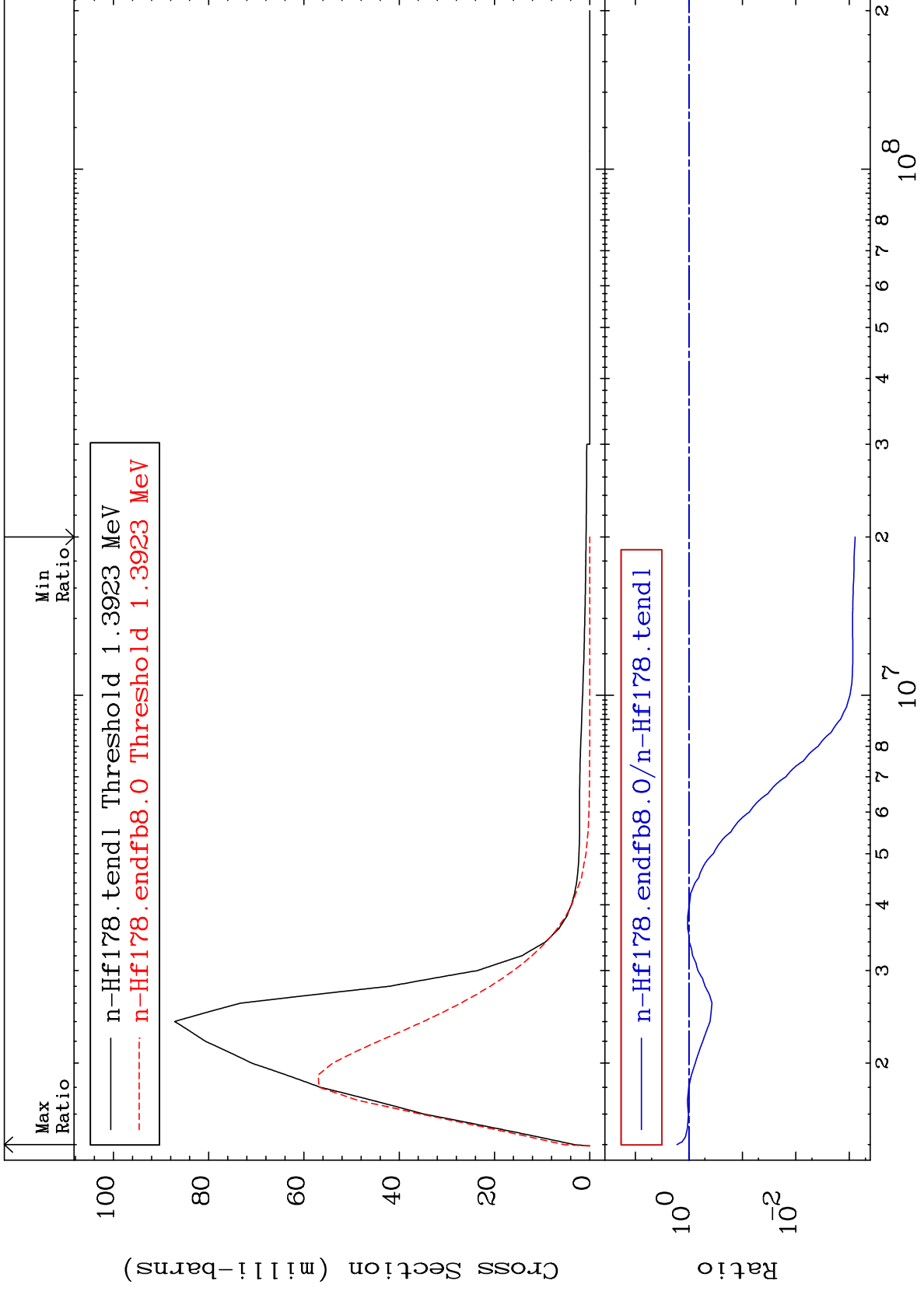


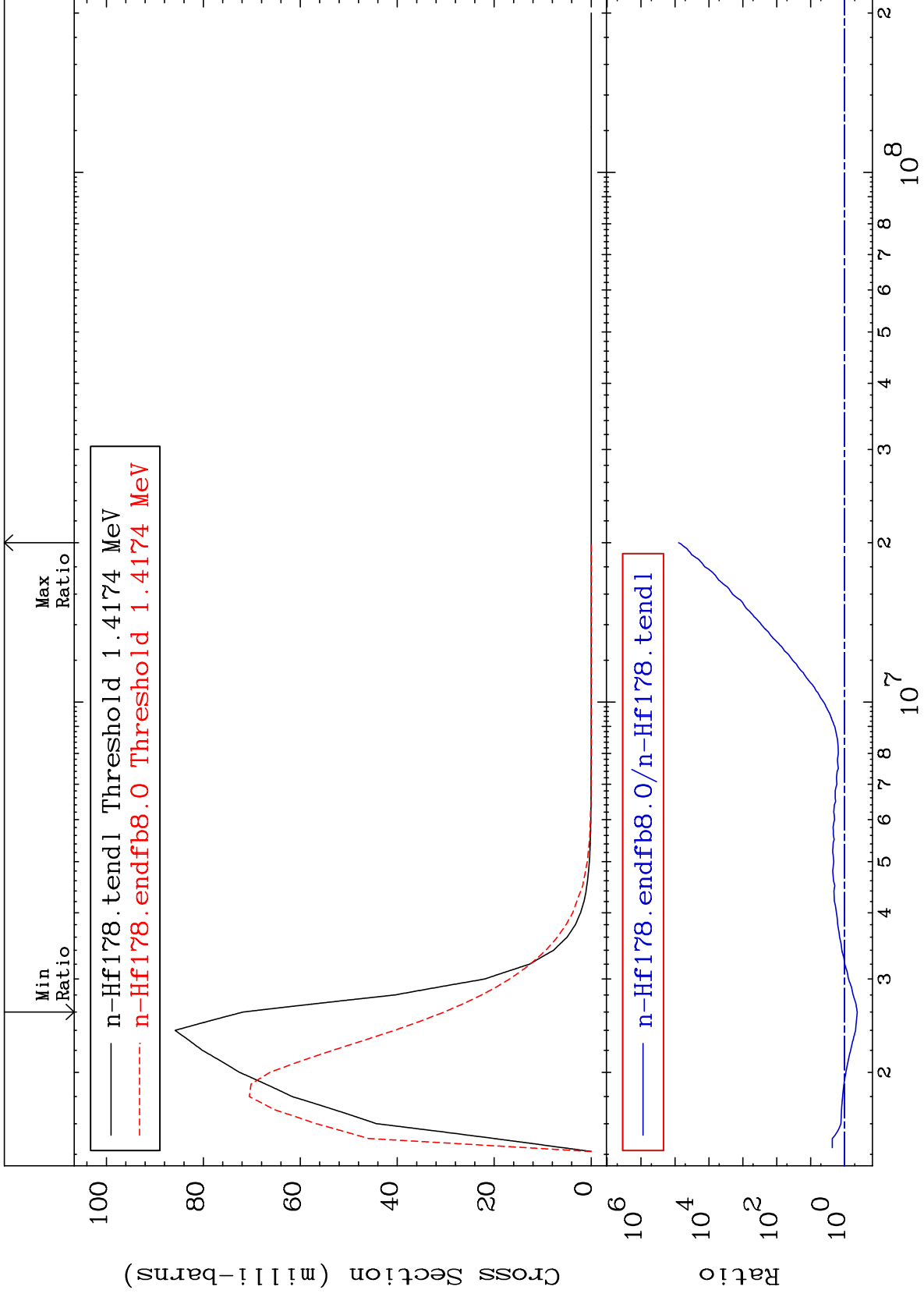


MAT 7237

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

72-Hf-178
-99.92 To 67.42 %

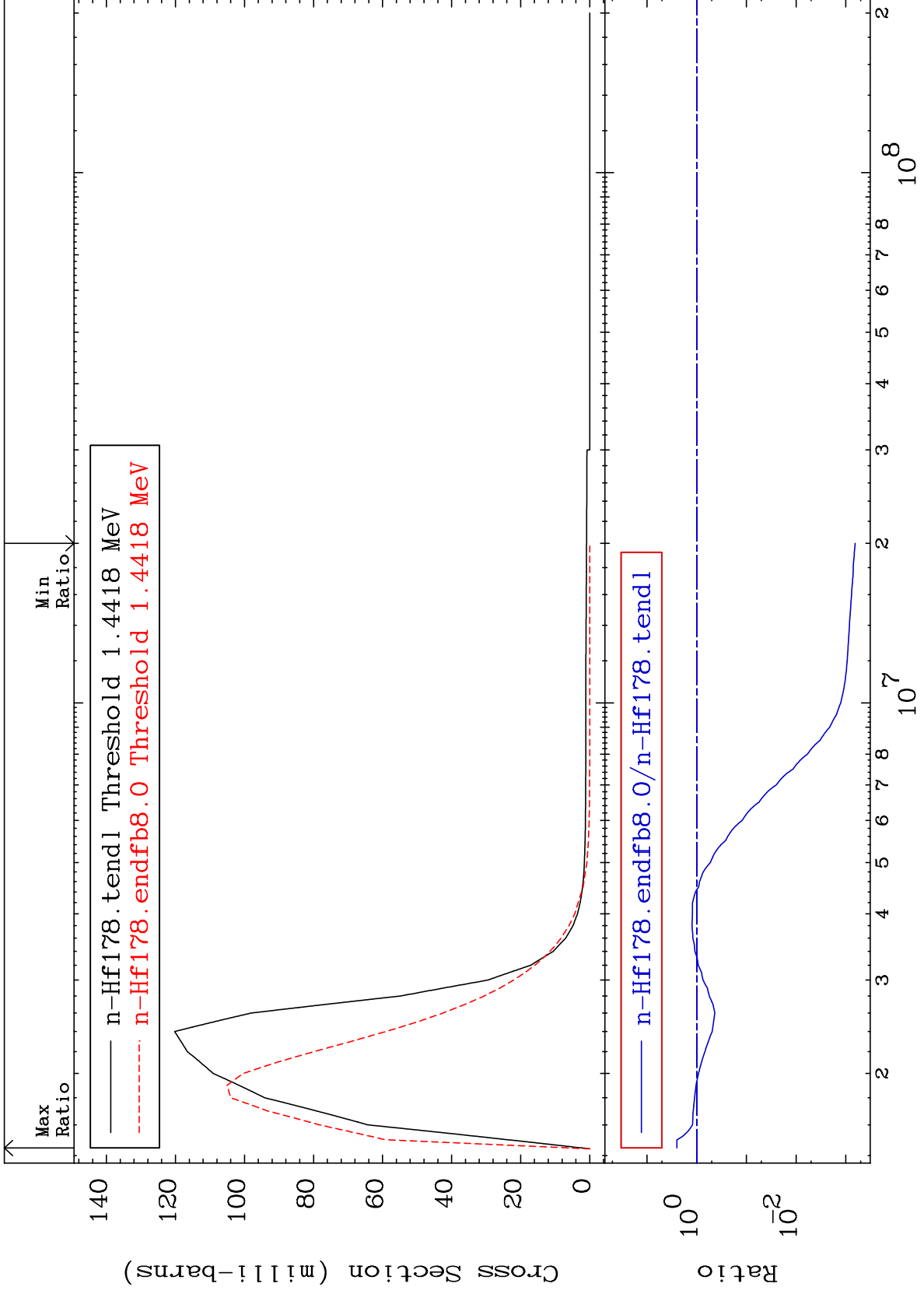




MAT 7237

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

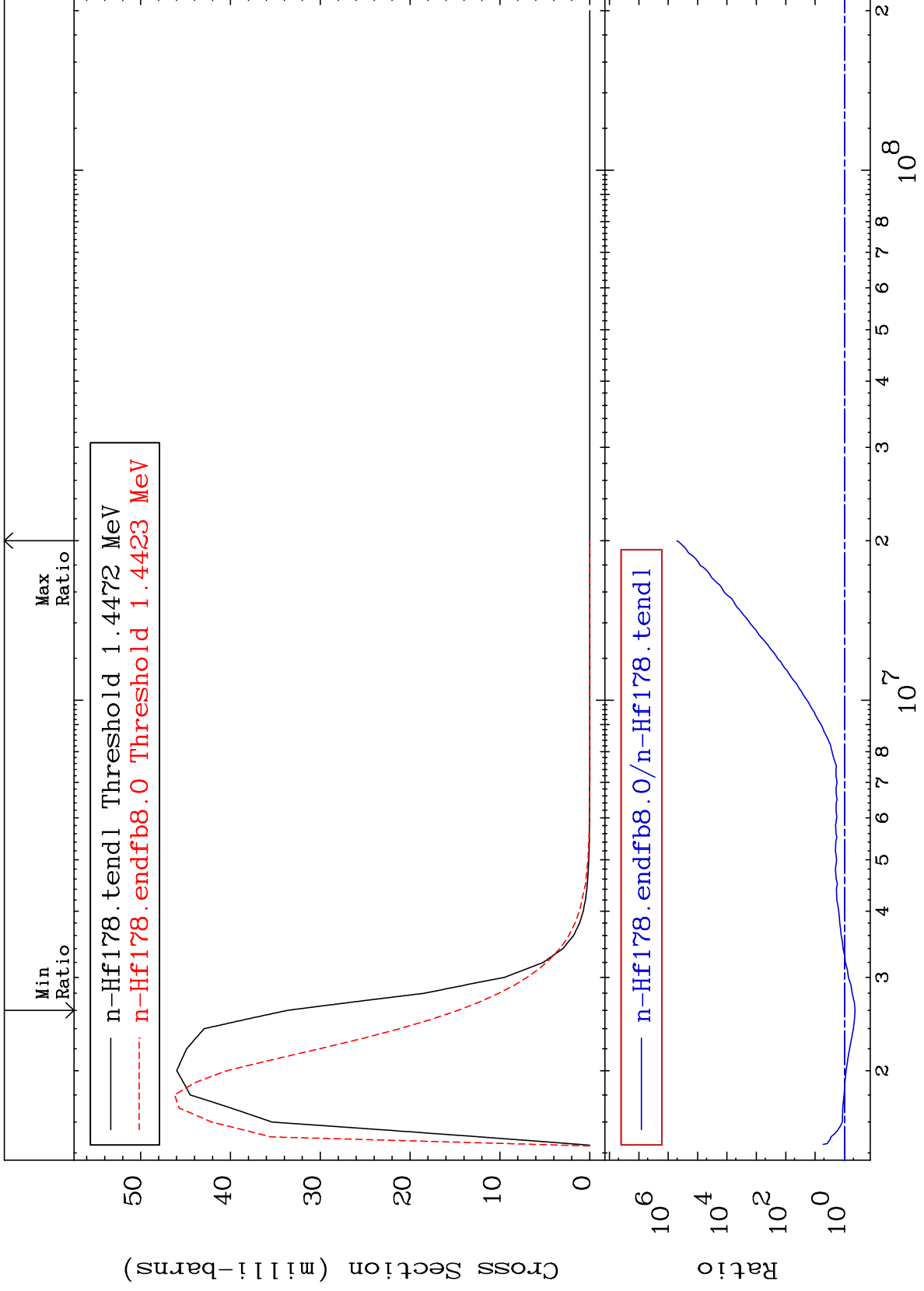
72-Hf-178
-99.94 To 150.5 %



MAT 7237

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

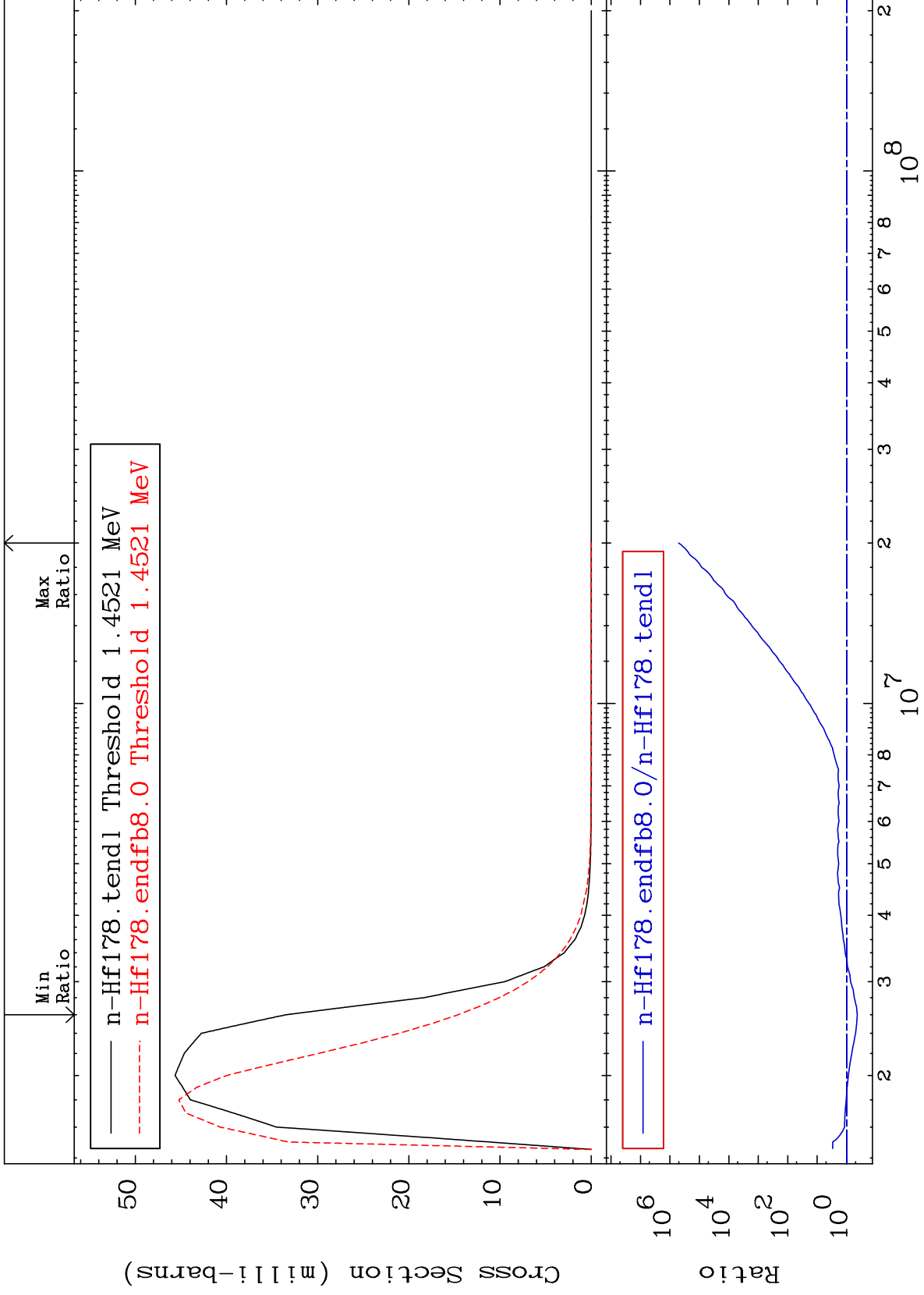
72-Hf-178
-56.41 To 9999. %



MAT 7237

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

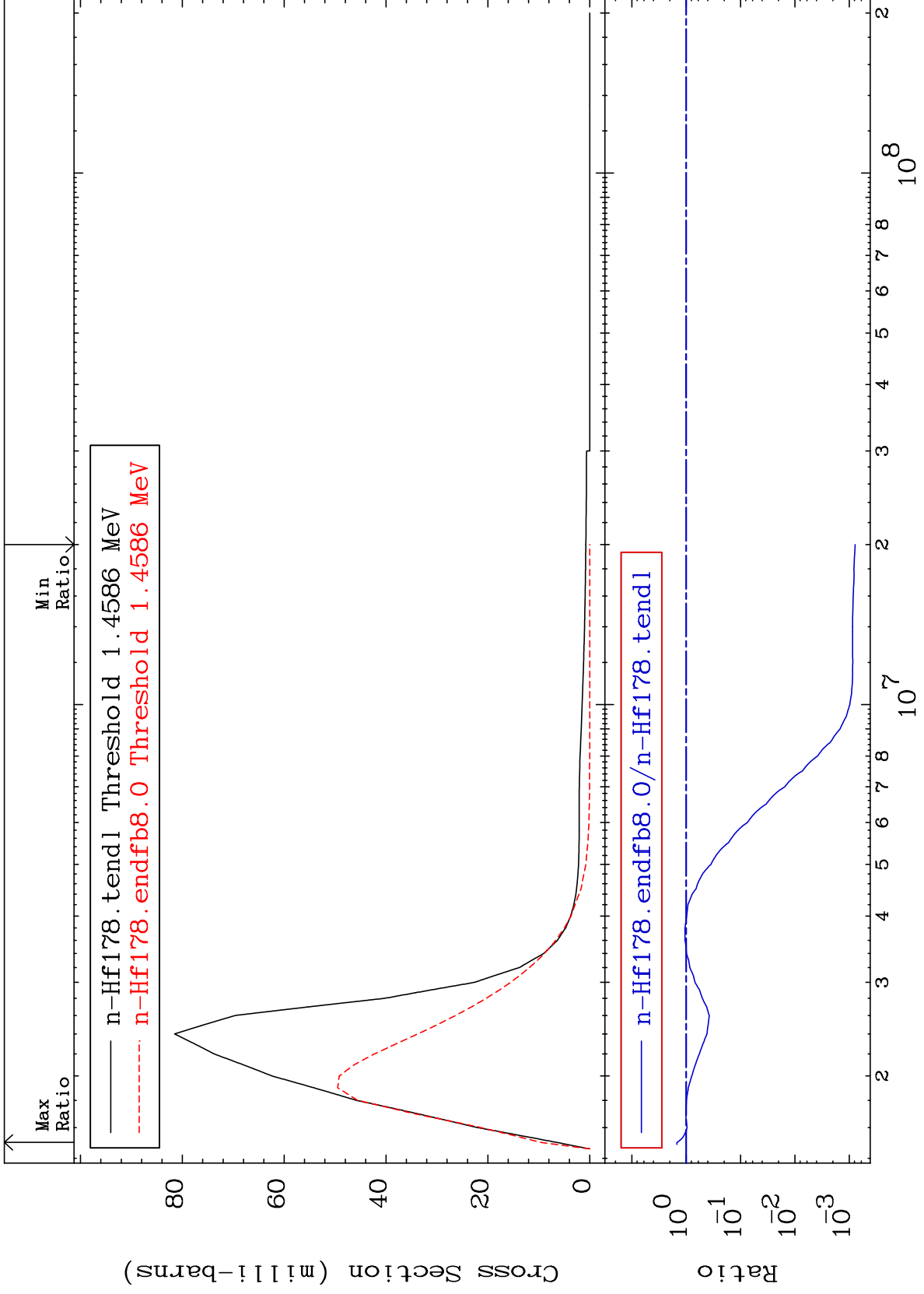
72-Hf-178
-56.39 To 9999. %



MAT 7237

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

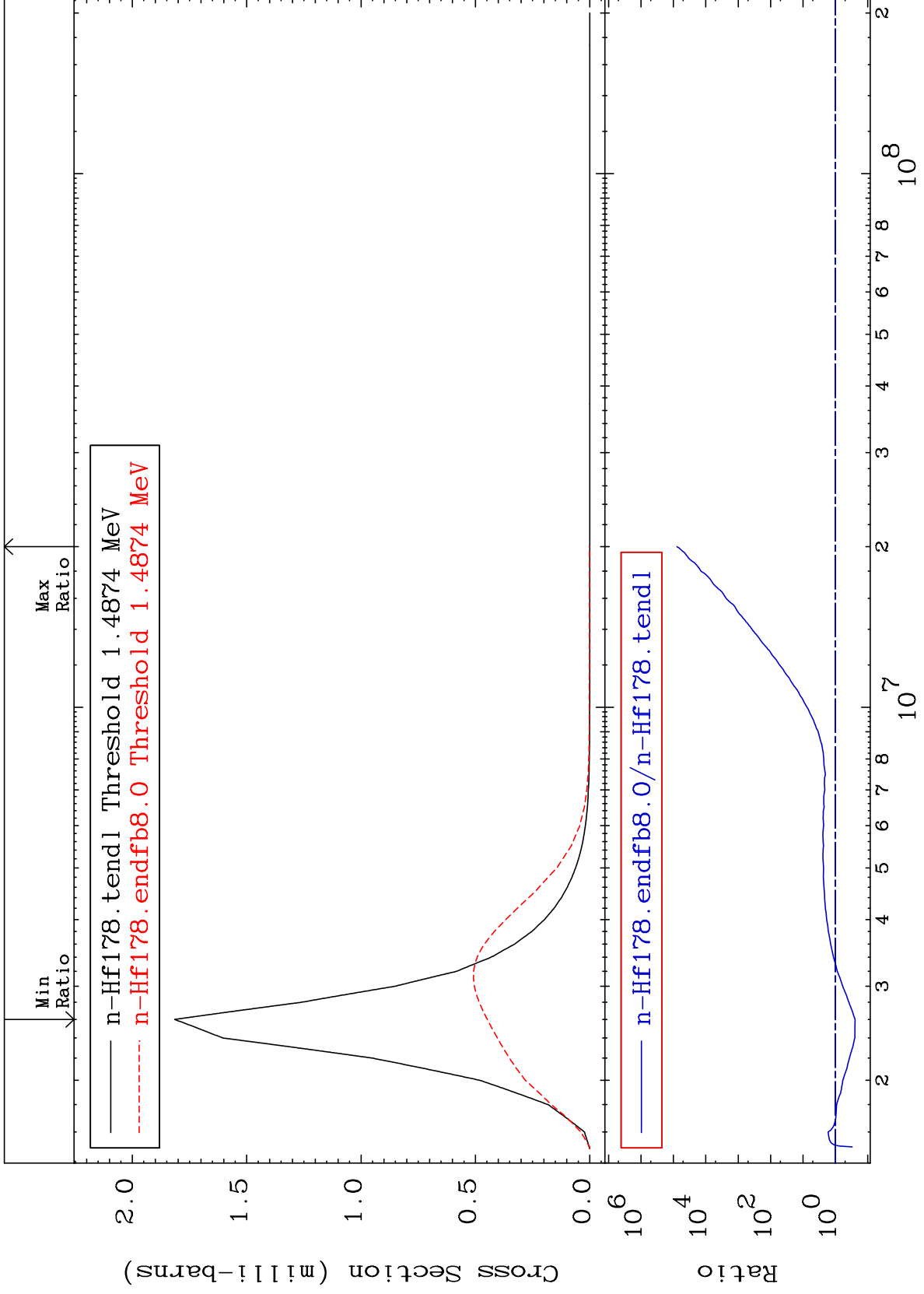
72-Hf-178
-99.92 To 48.06 %



MAT 7237

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

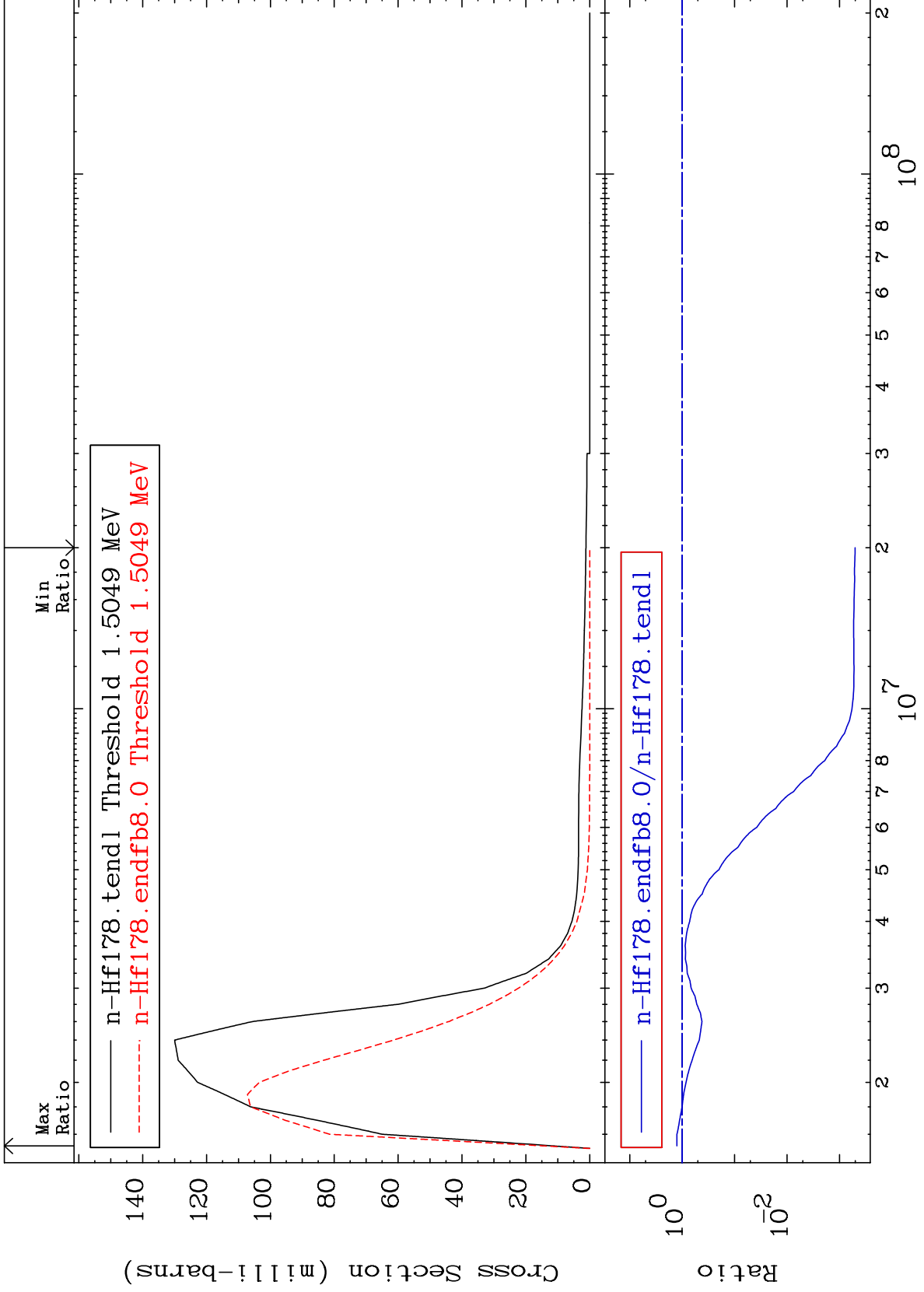
72-Hf-178
-75.32 To 9999. %



MAT 7237

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

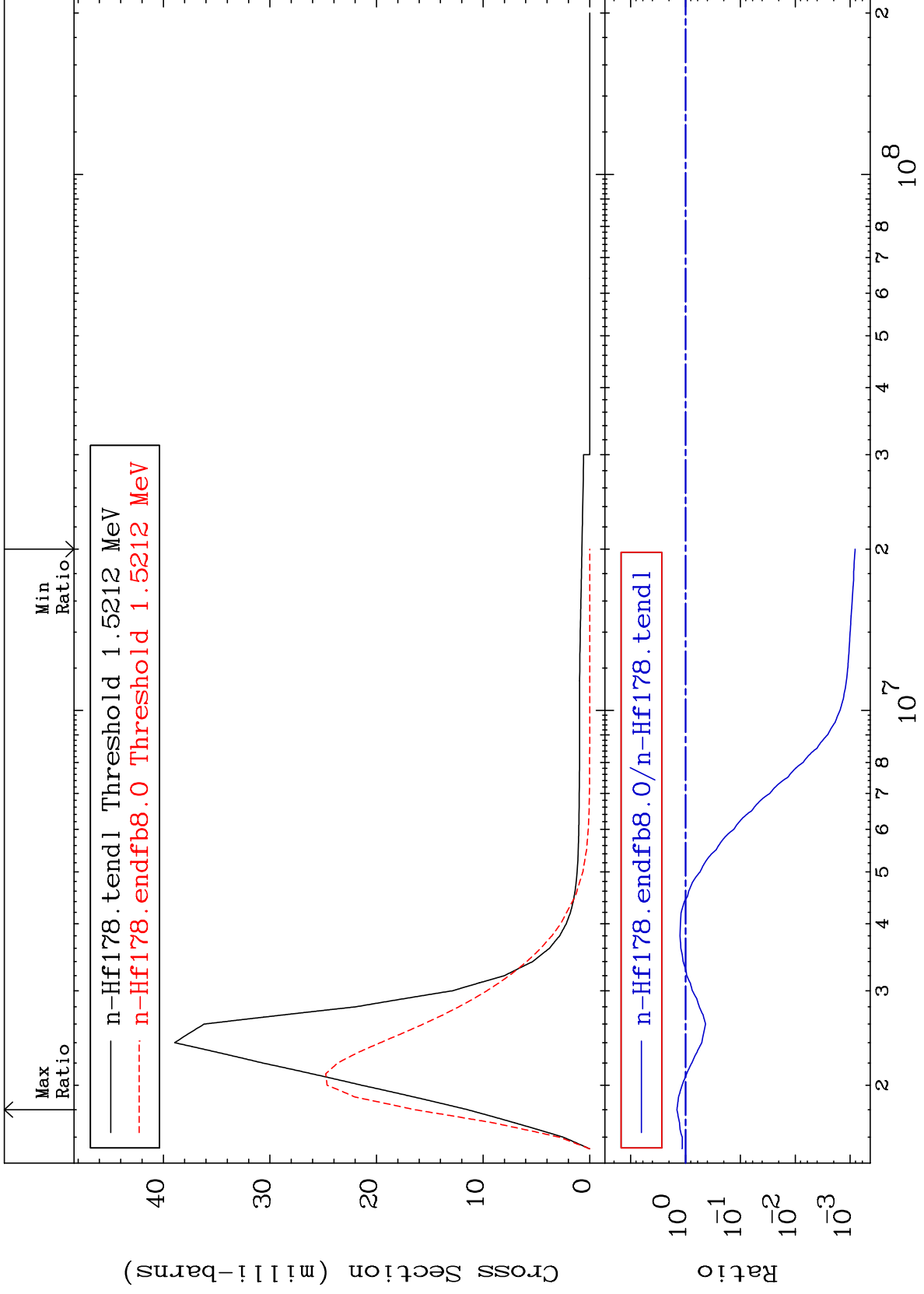
72-Hf-178
-99.95 To 25.65 %



MAT 7237

MT= 73 (n,n') Level
Cross Section

72-Hf-178
-99.92 To 43.26 %



30

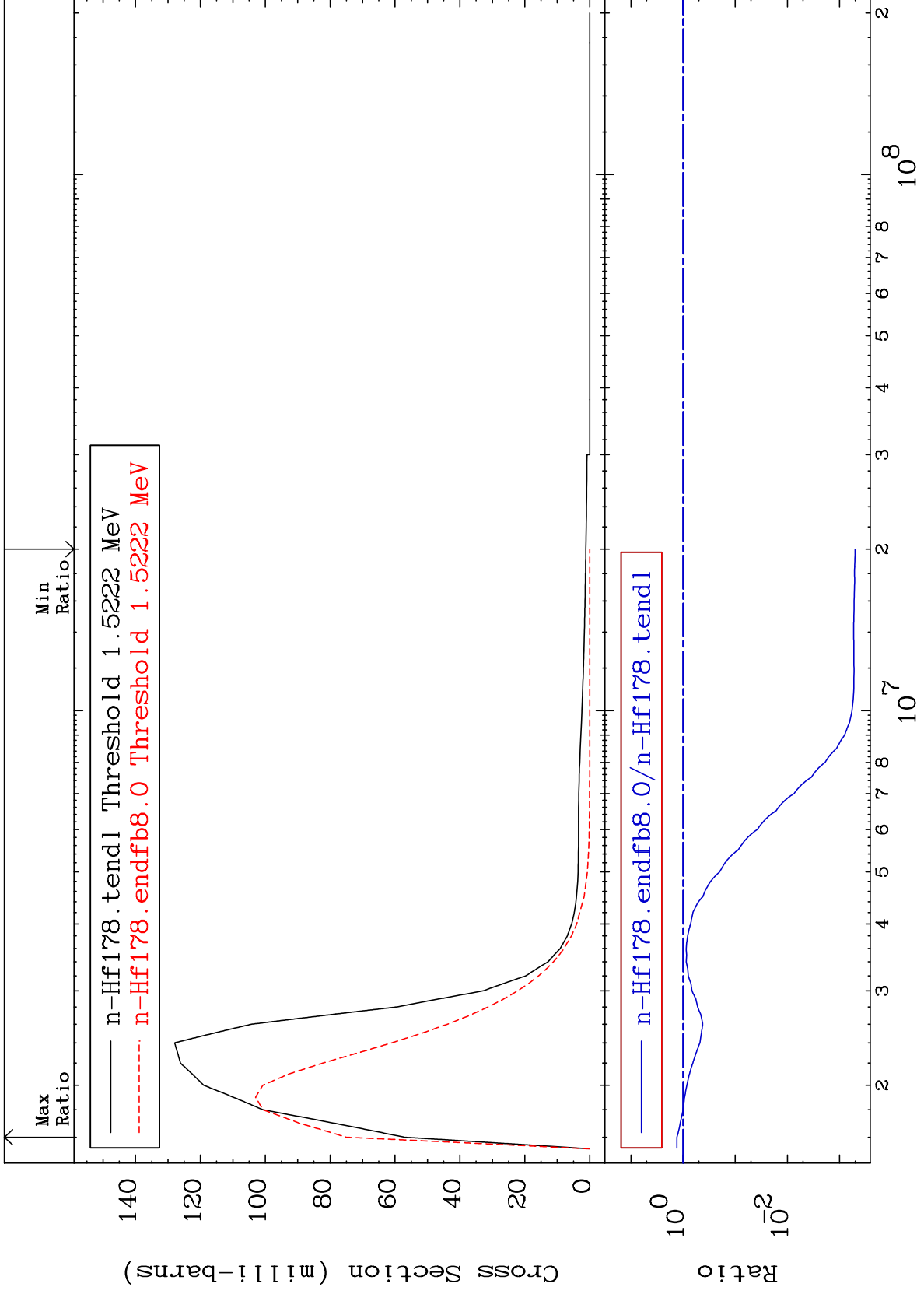
Incident Energy (eV)

72-Hf-178

MAT 7237

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

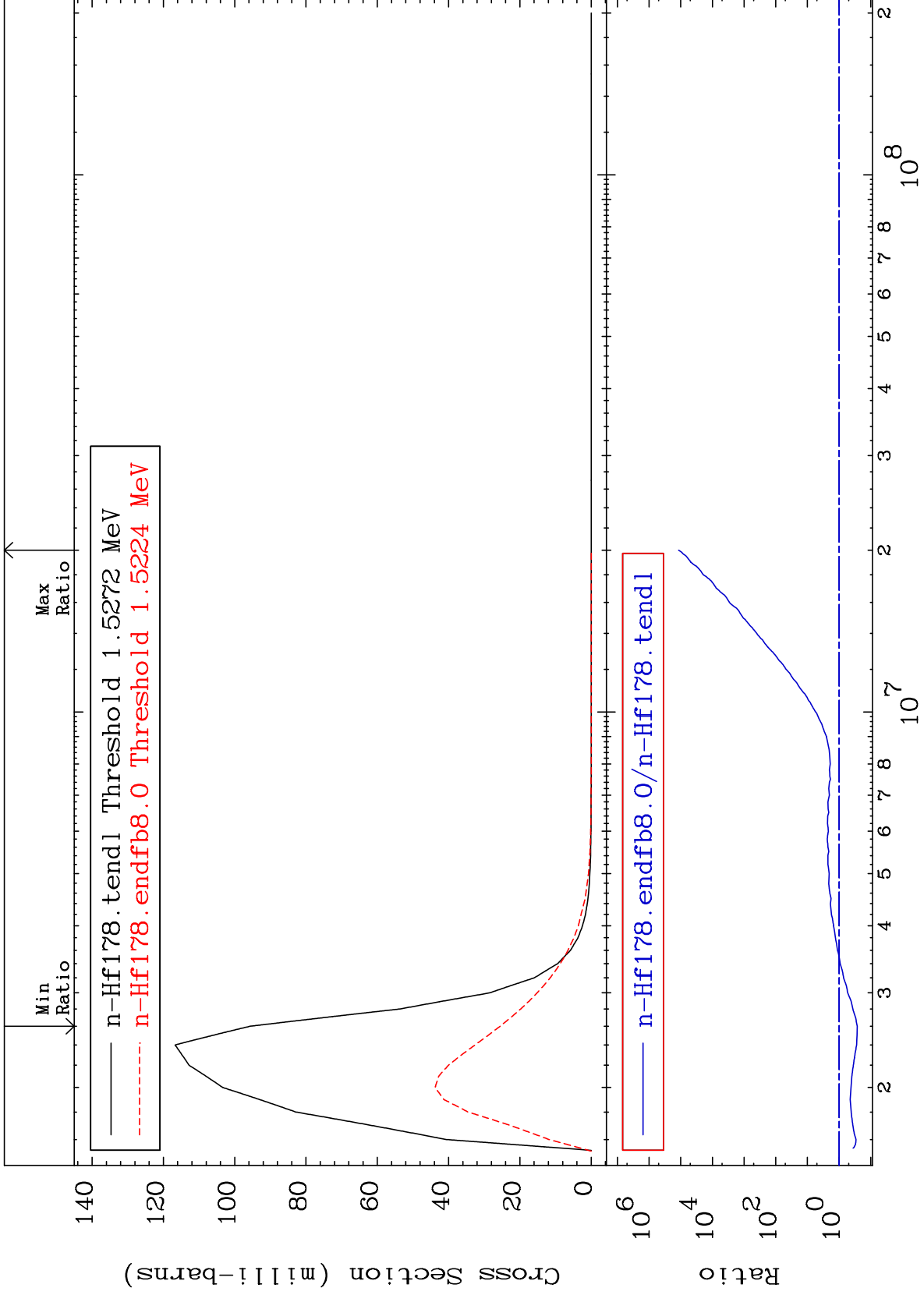
72-Hf-178
-99.95 To 31.36 %



MAT 7237

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

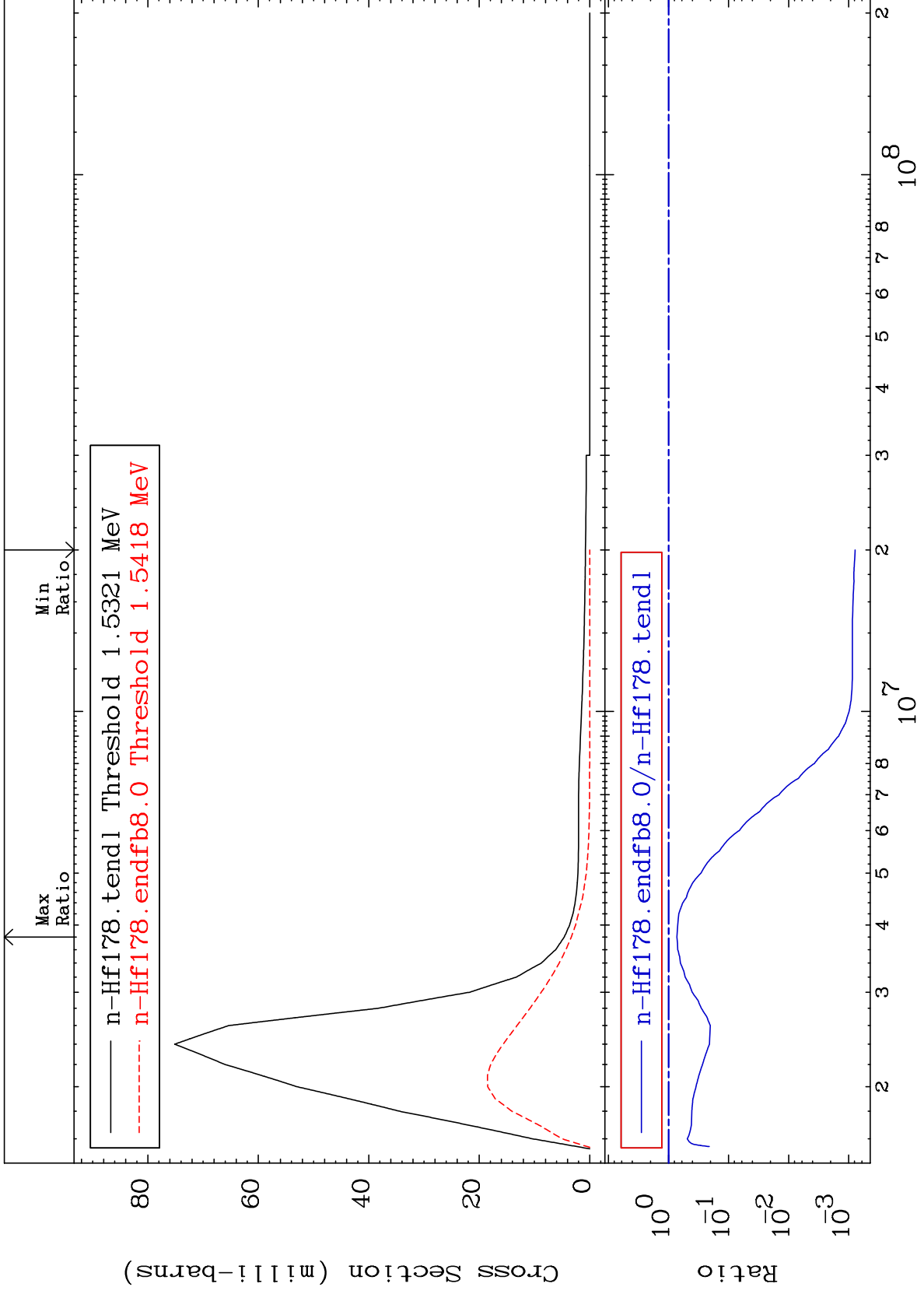
72-Hf-178
-73.29 To 9999. %



MAT 7237

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

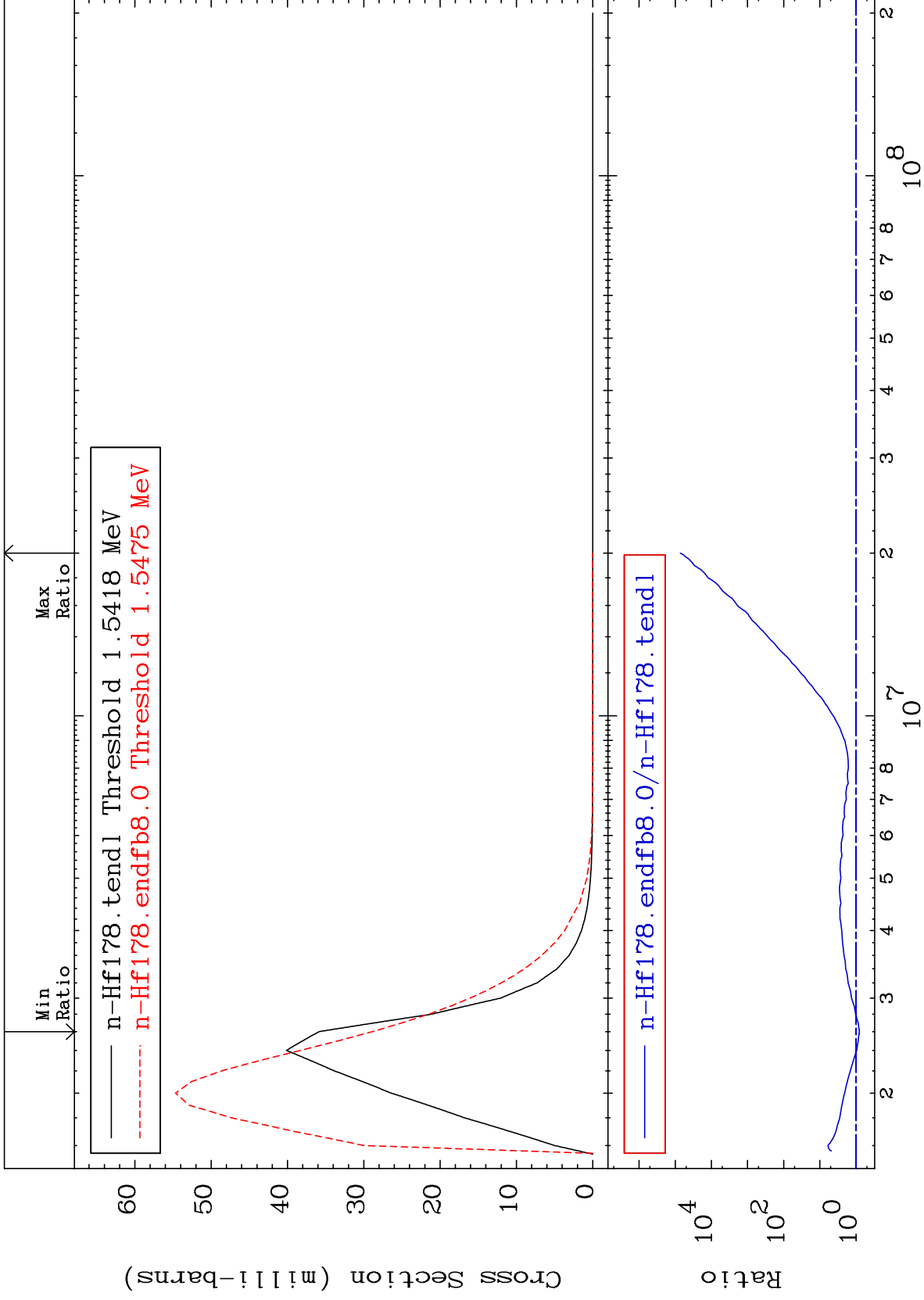
72-Hf-178
-99.92 To -27.58%



MAT 7237

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

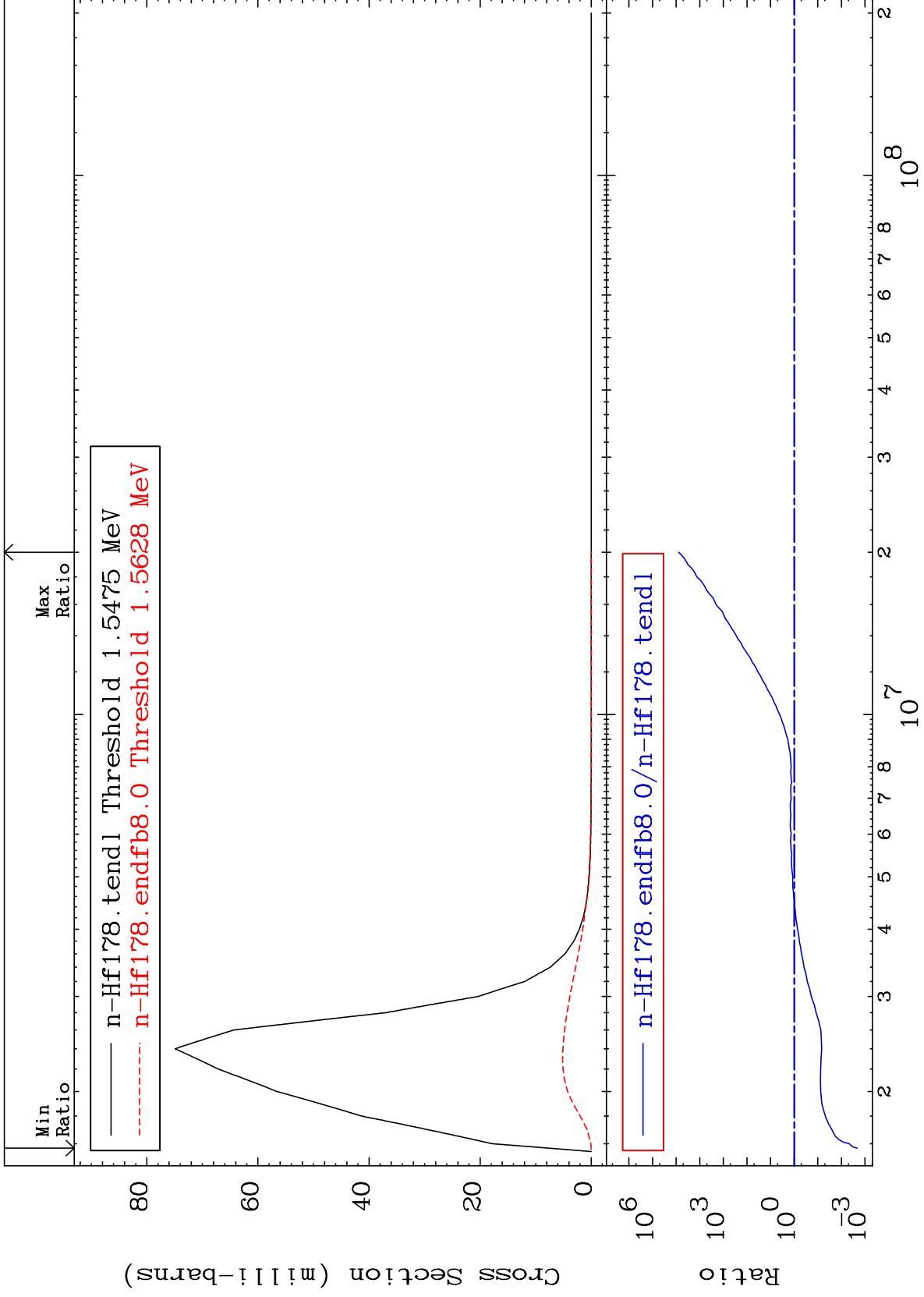
72-Hf-178
-19.52 To 9999. %

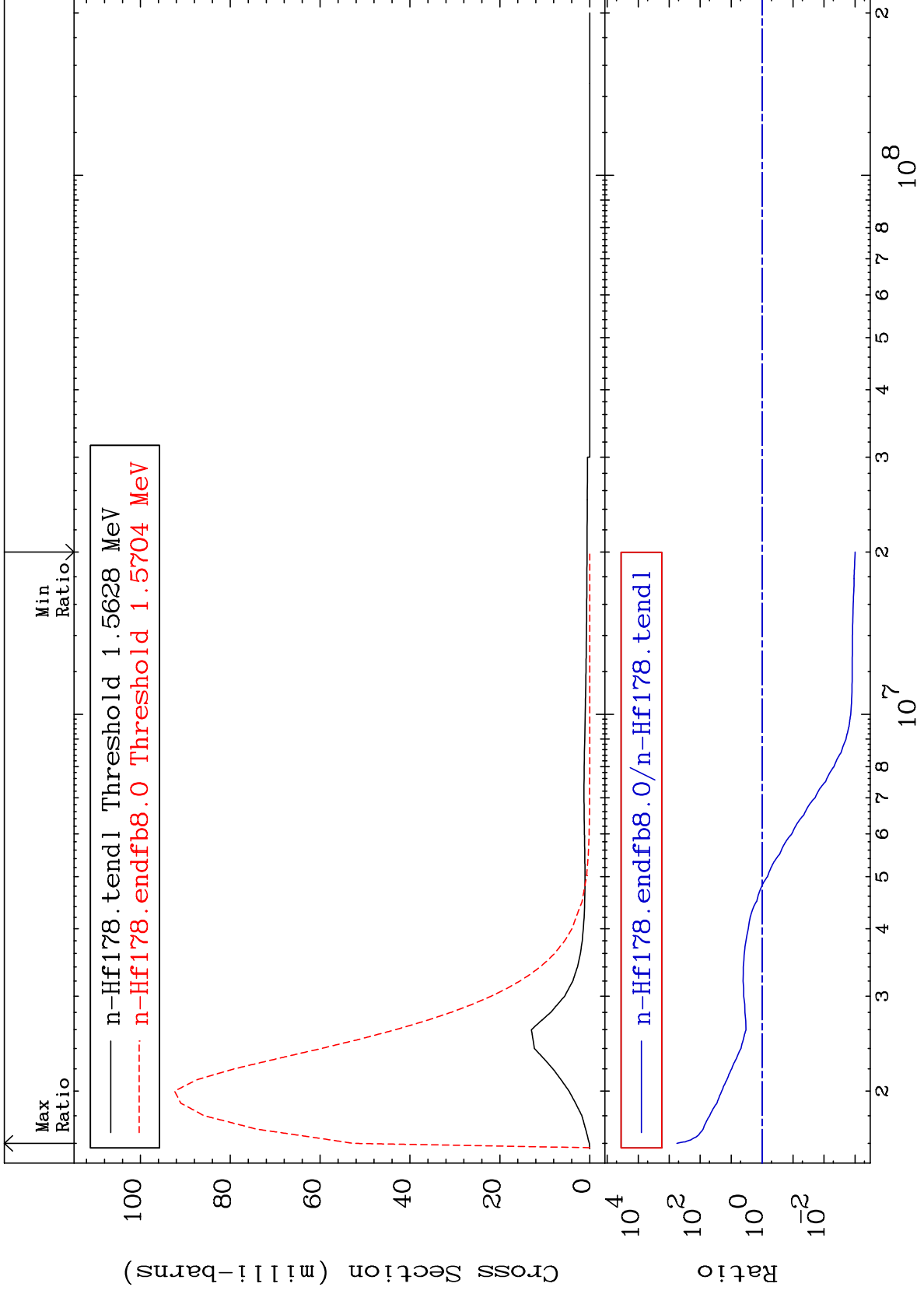


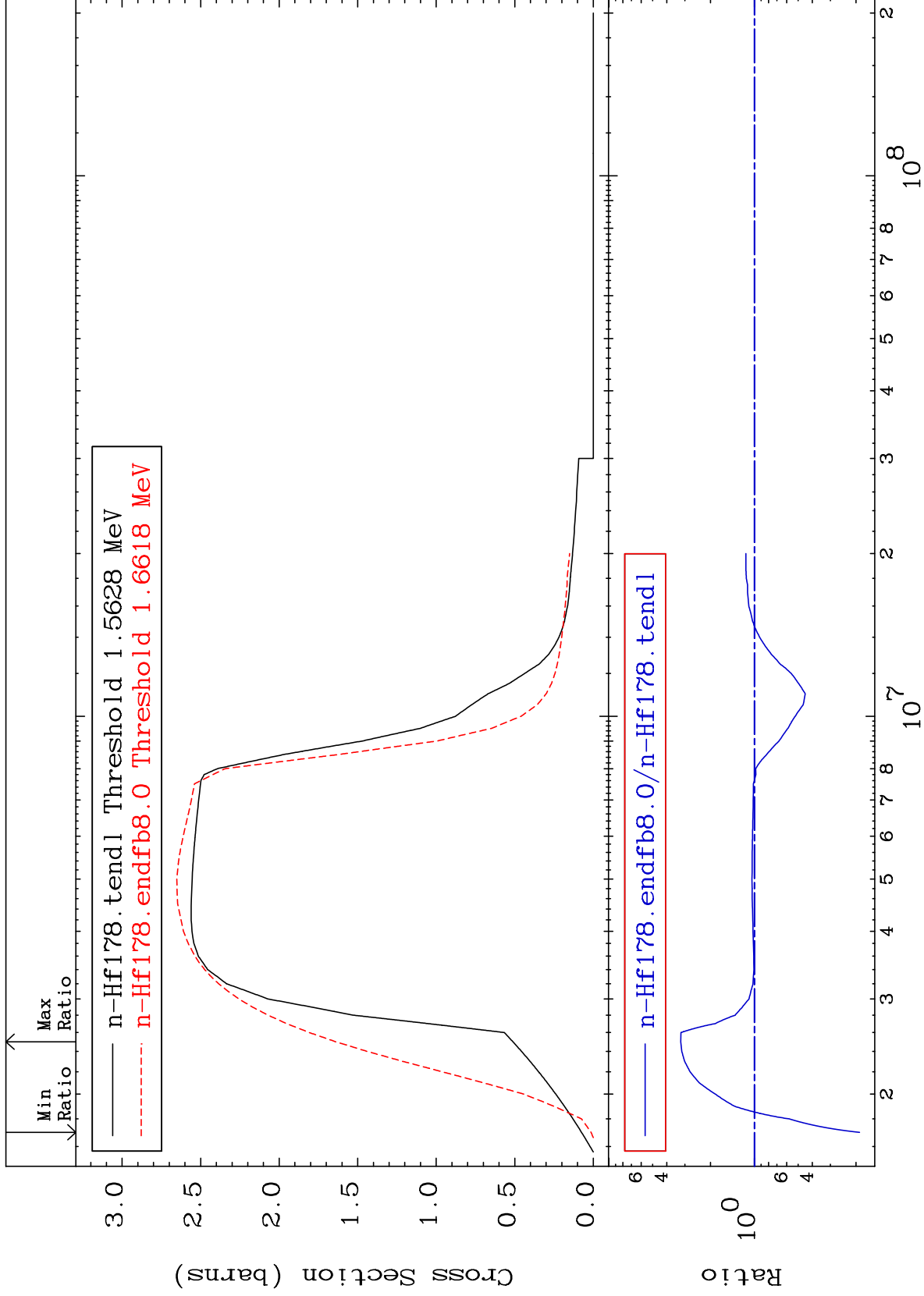
MAT 7237

MT= 78 (n,n') Level
Cross Section

72-Hf-178
-99.79 To 9999. %

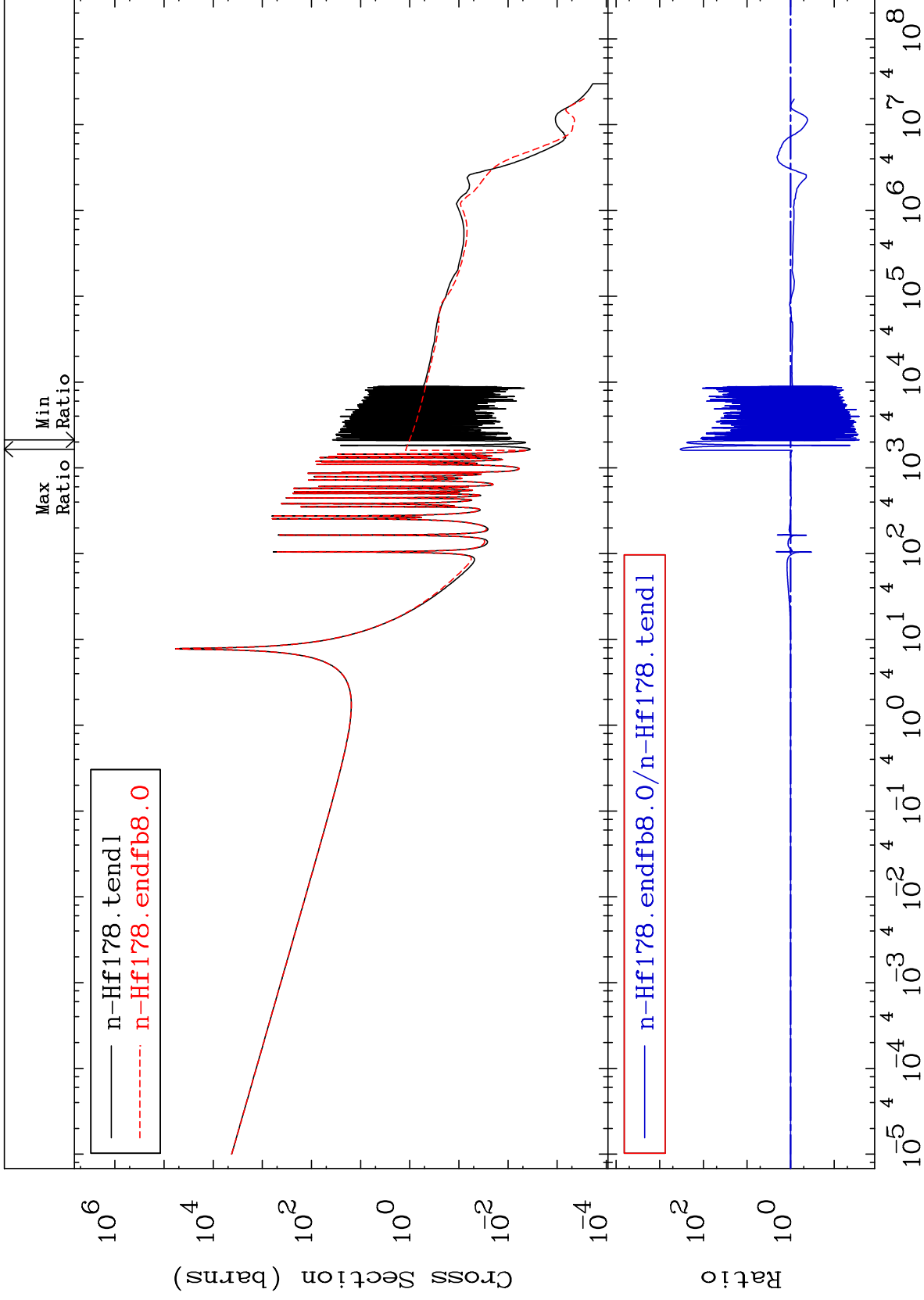


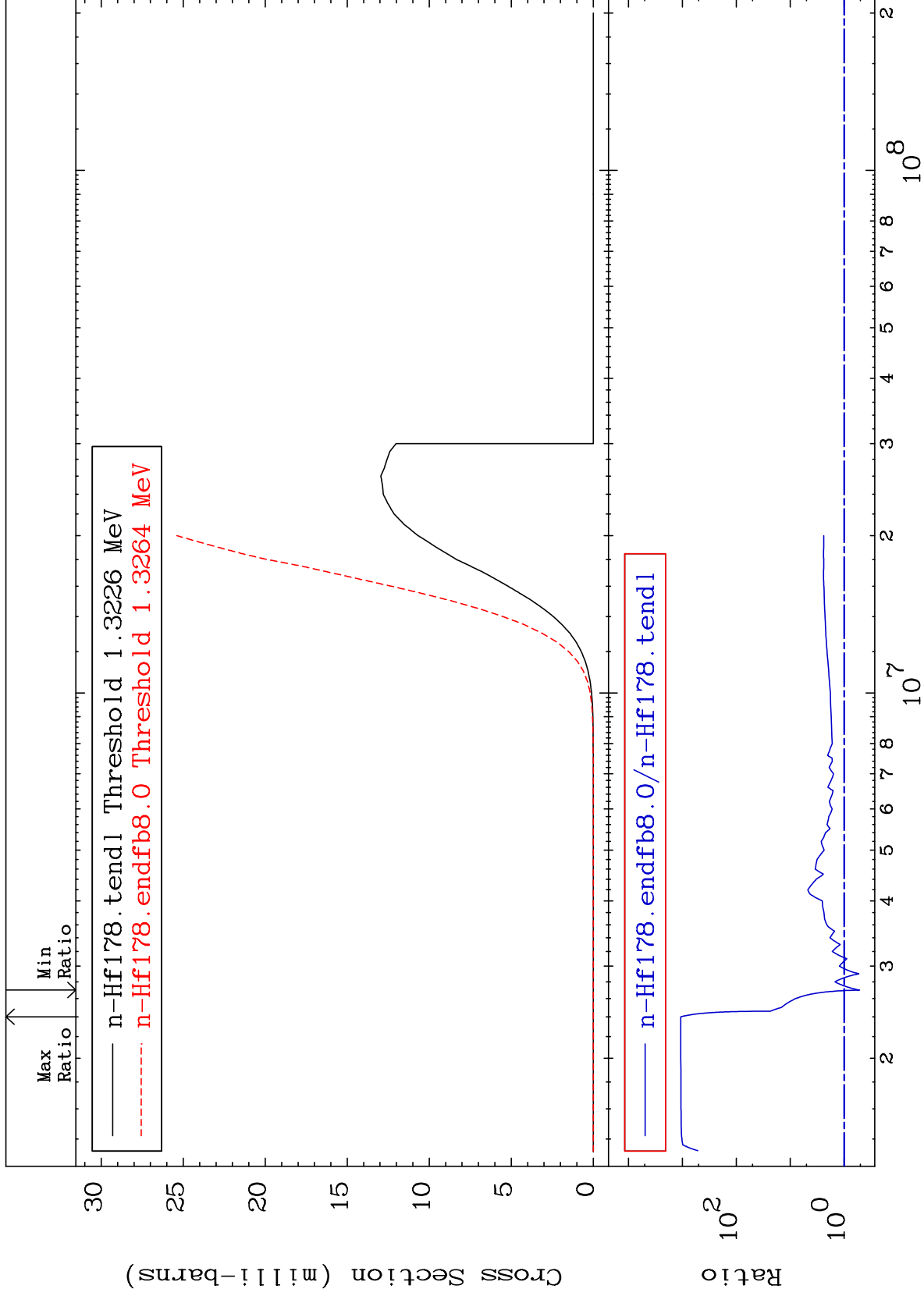




Cross Section

-97.35 To 9999. %





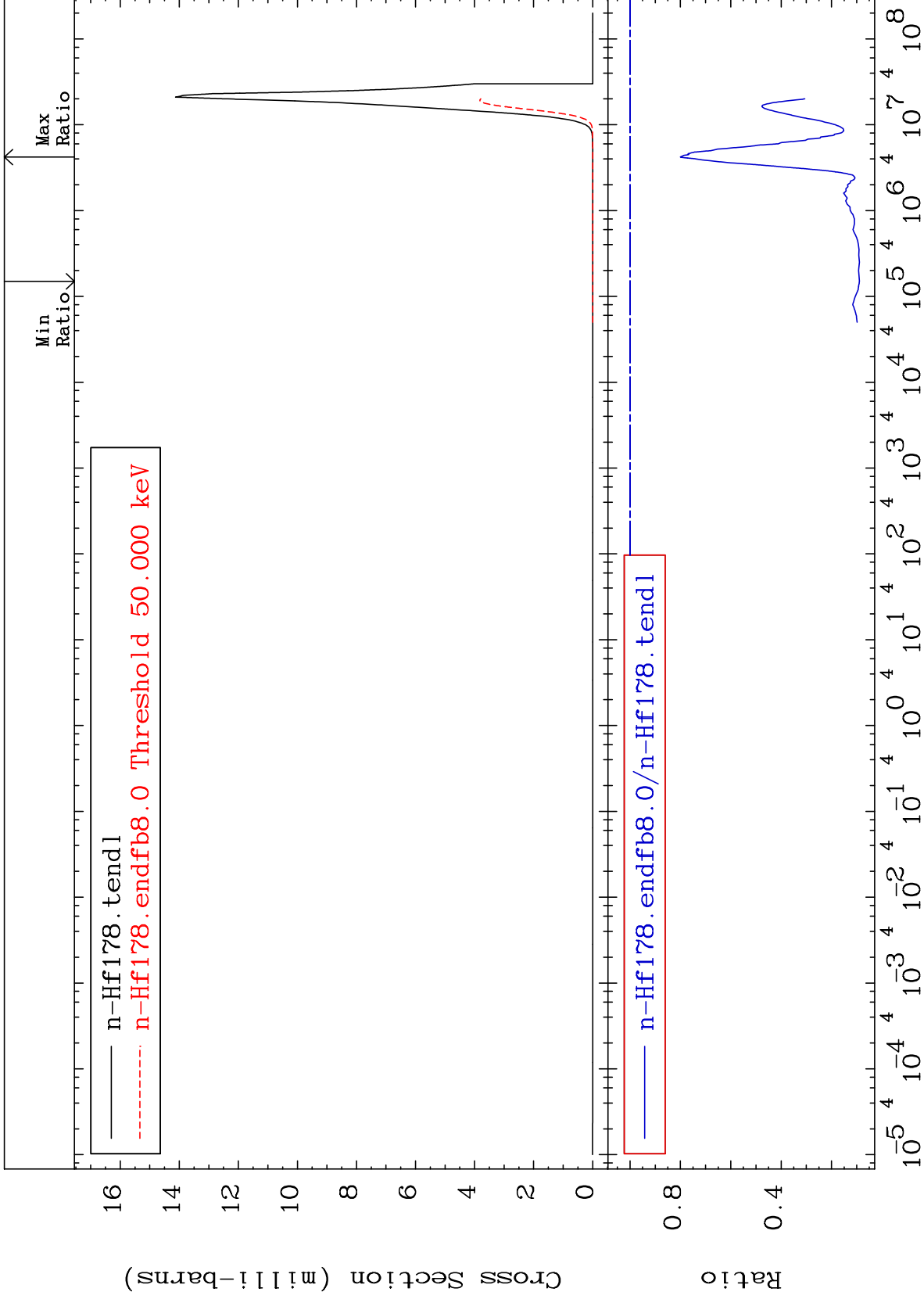
MAT 7237

(n, α)

72-Hf-178

Cross Section

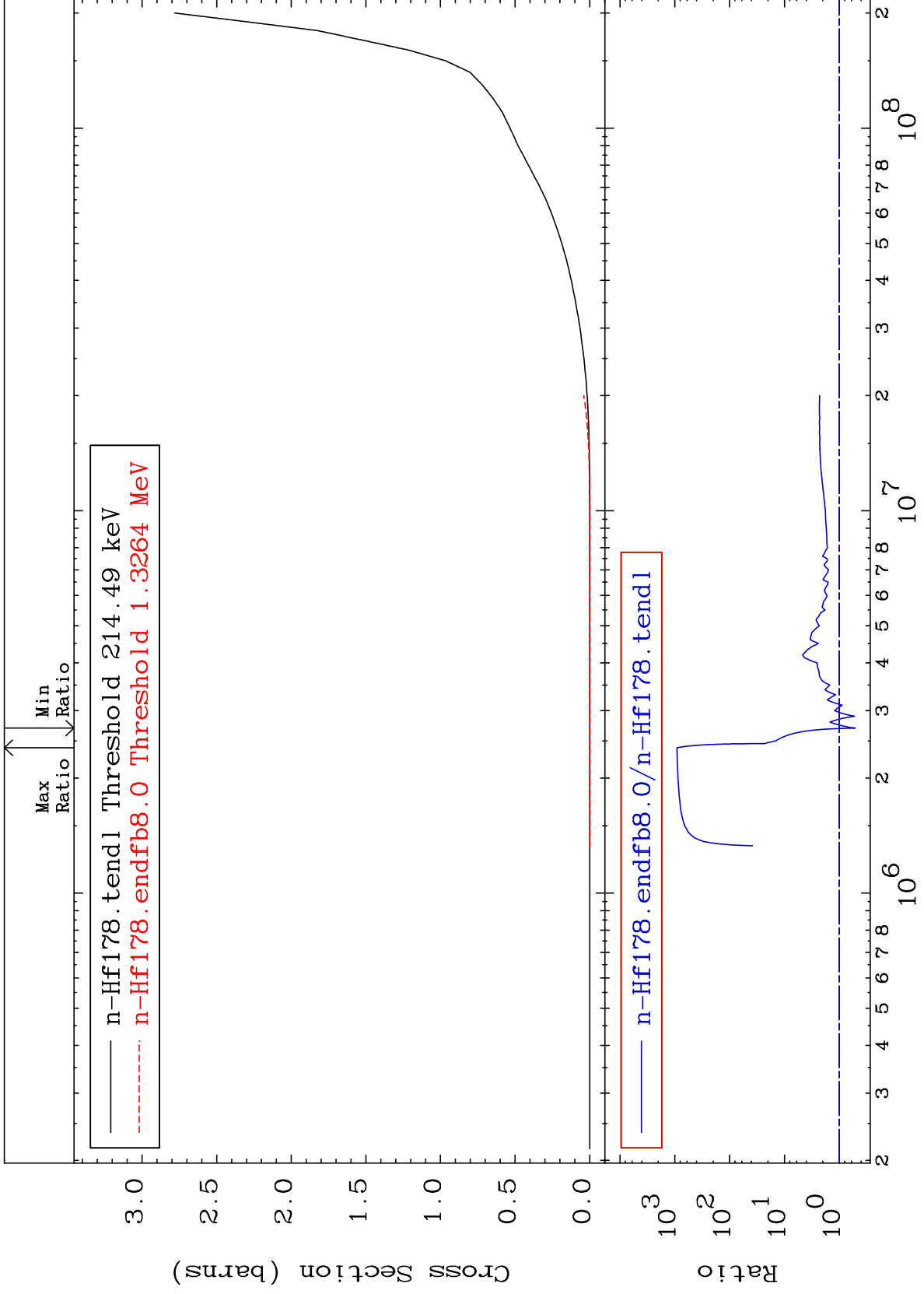
-91.08 To -19.98%



Incident Energy (eV)

72-Hf-178

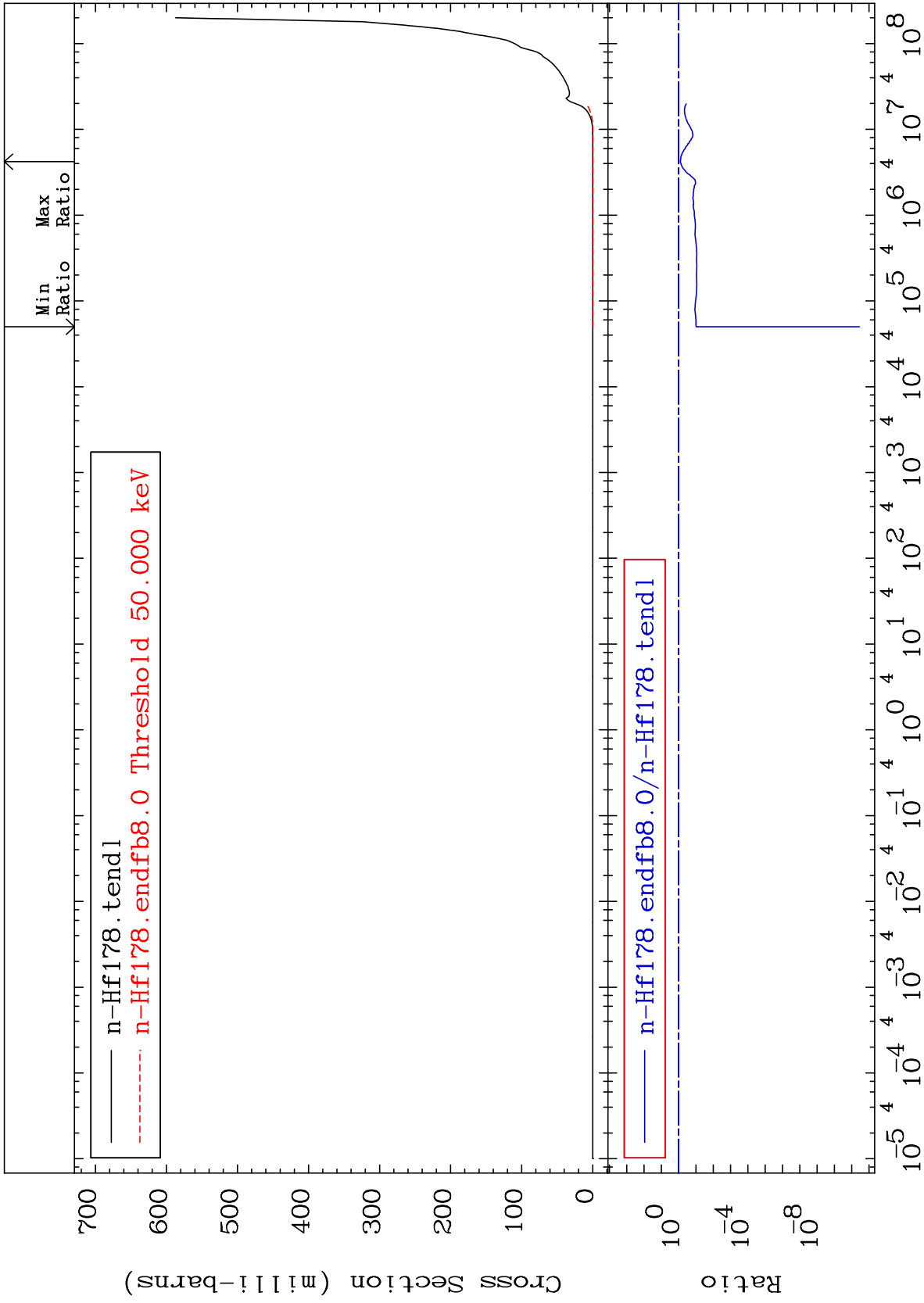
40



MAT 7237

He-4 Production
Cross Section

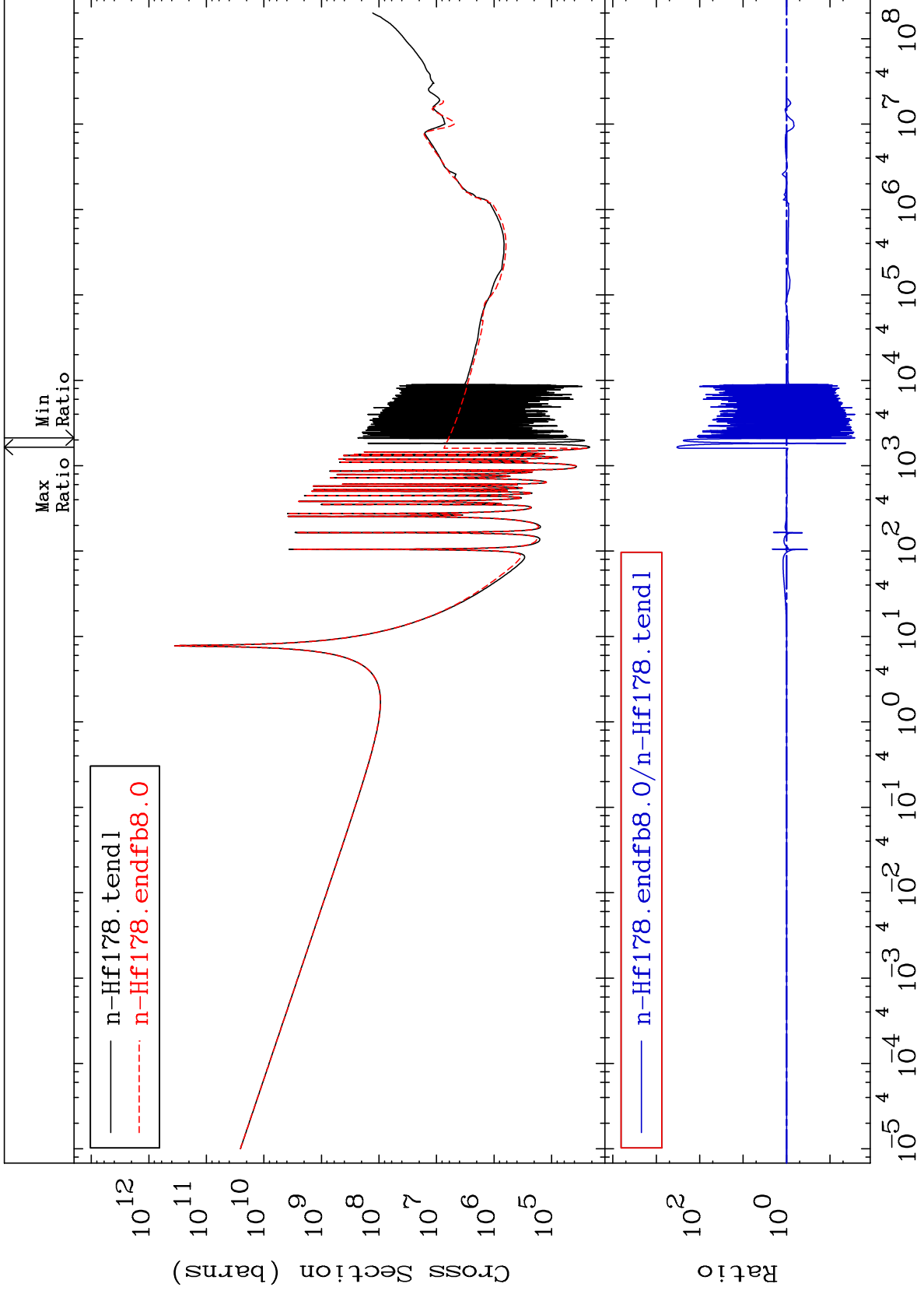
72-Hf-178
-100.0 To -19.98%

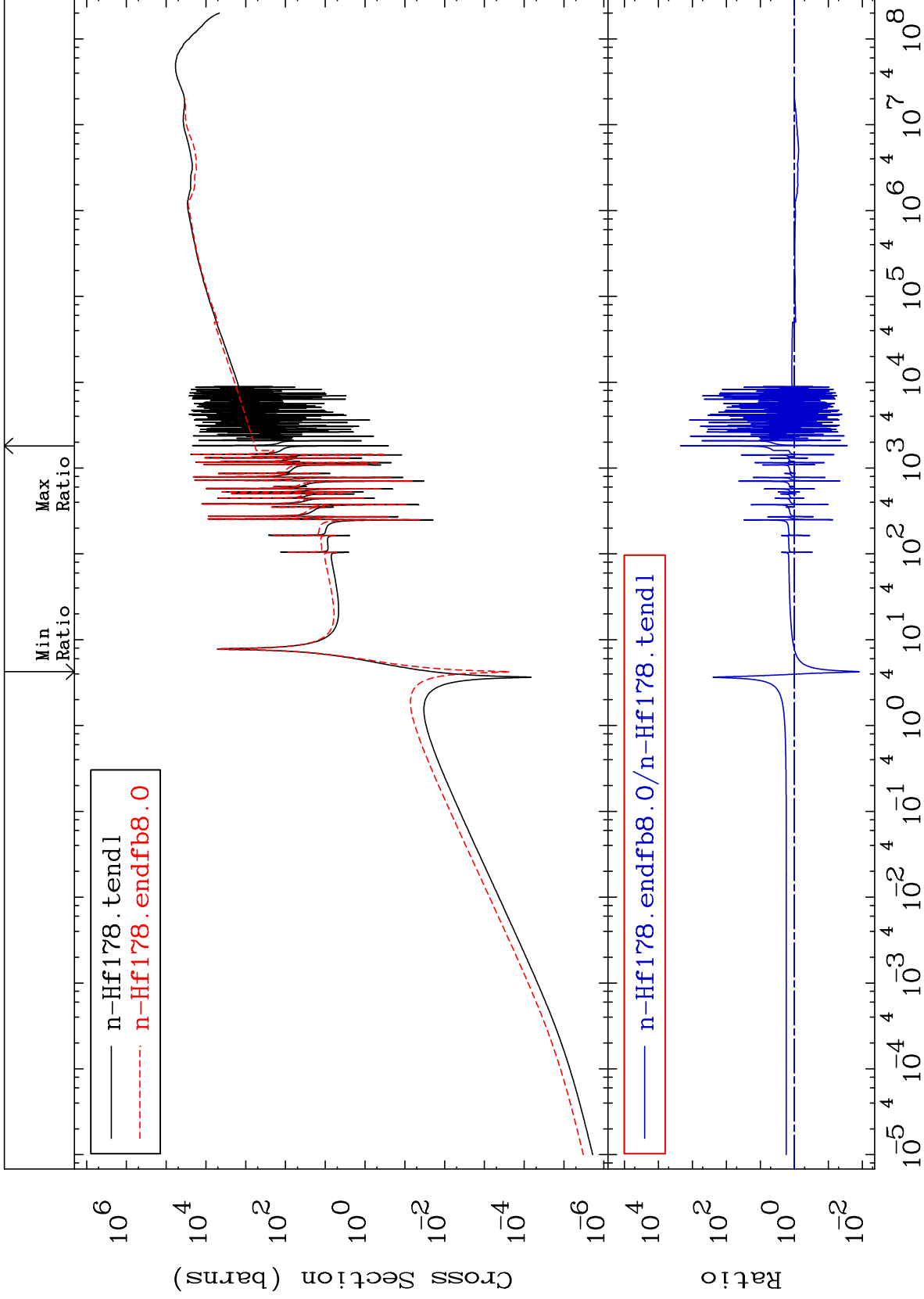


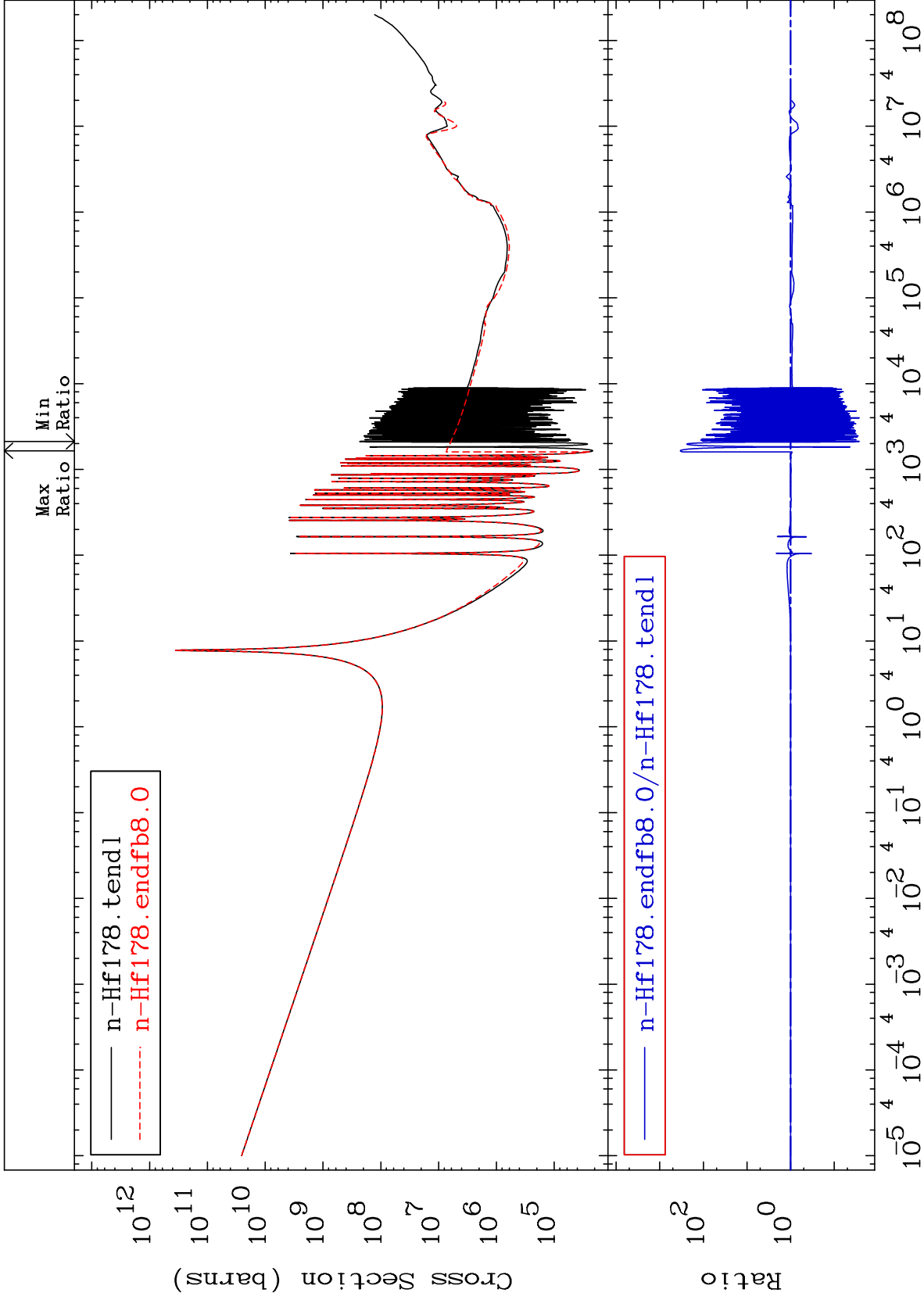
Incident Energy (eV)

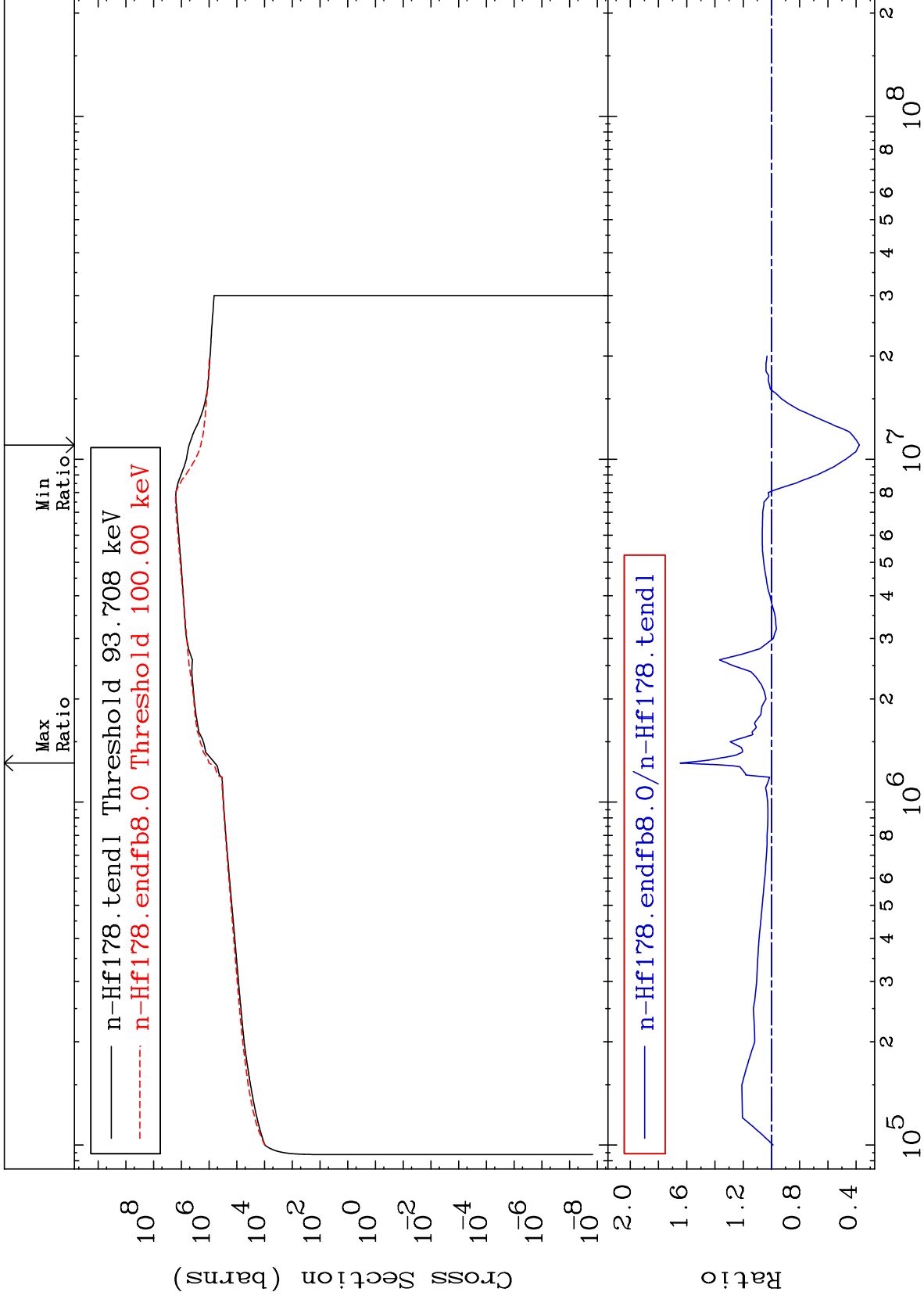
72-Hf-178

42





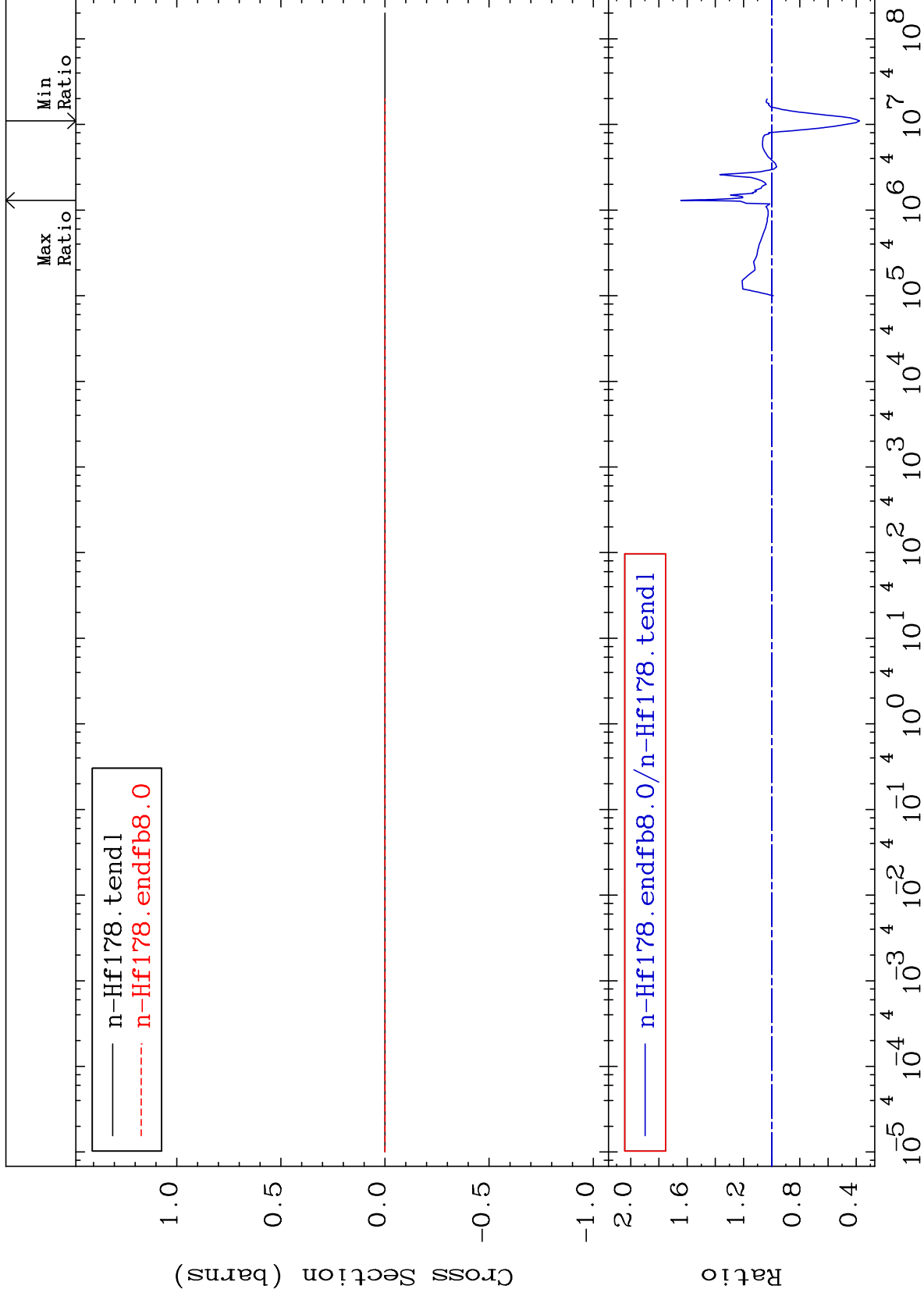


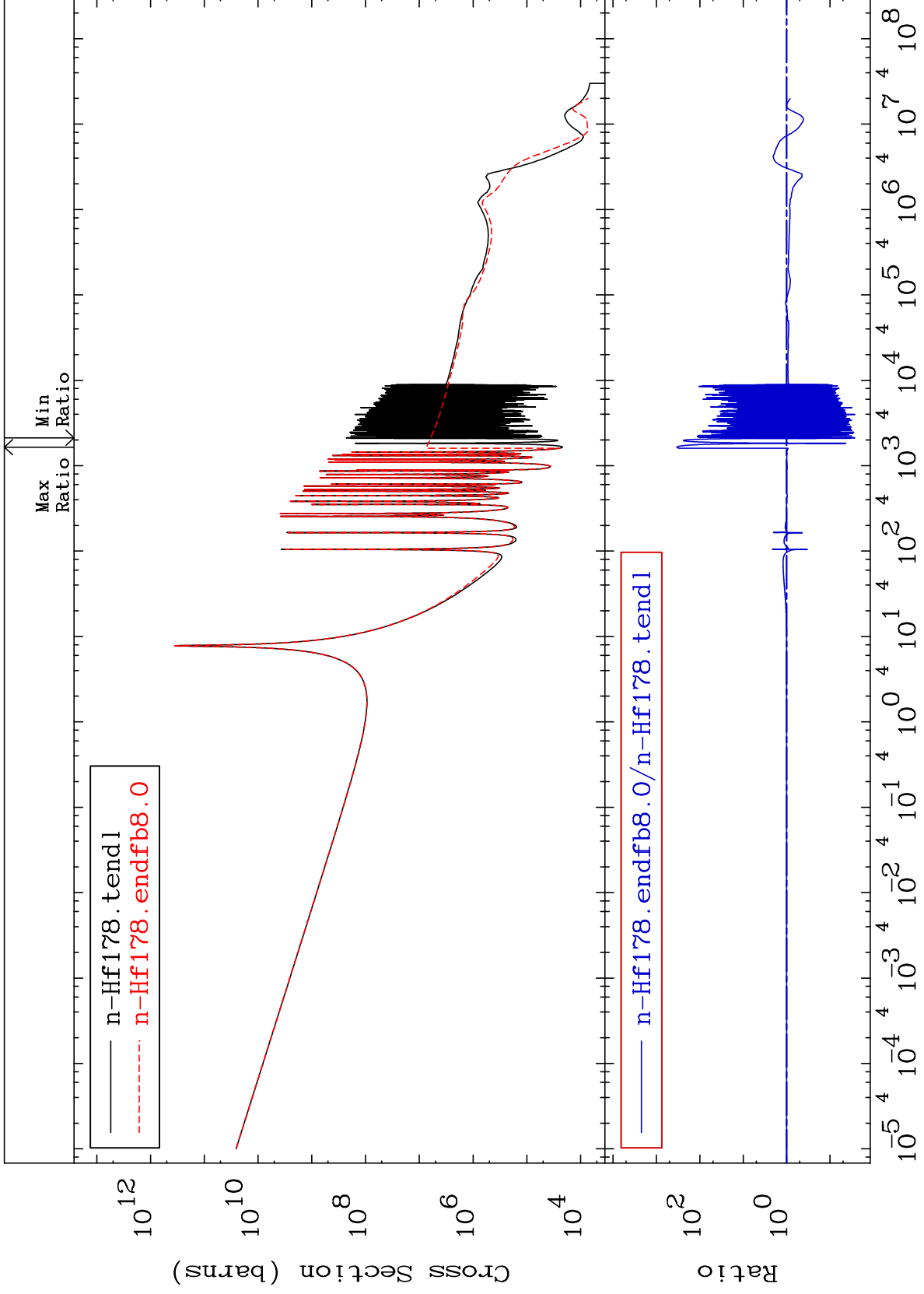


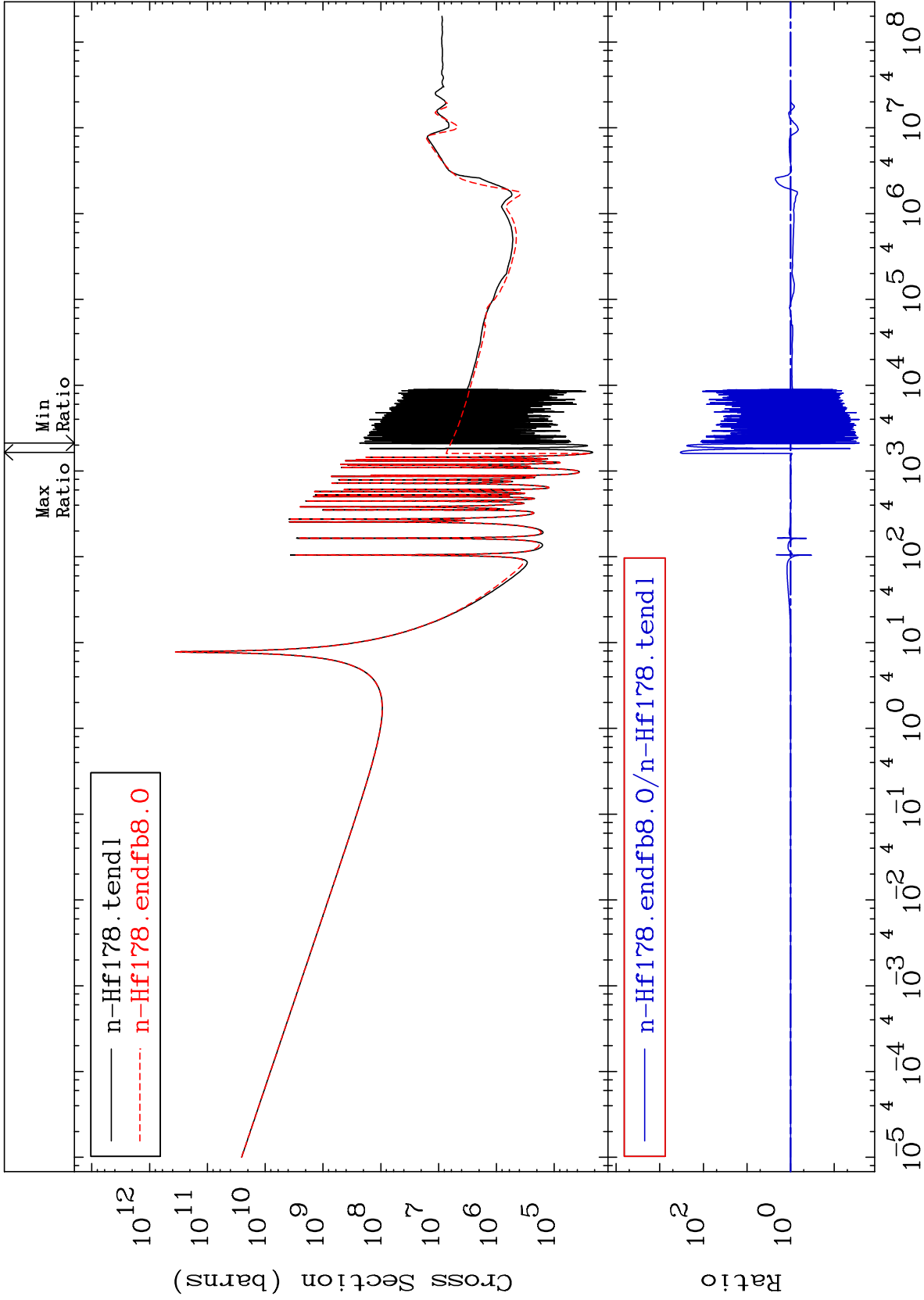
MAT 7237

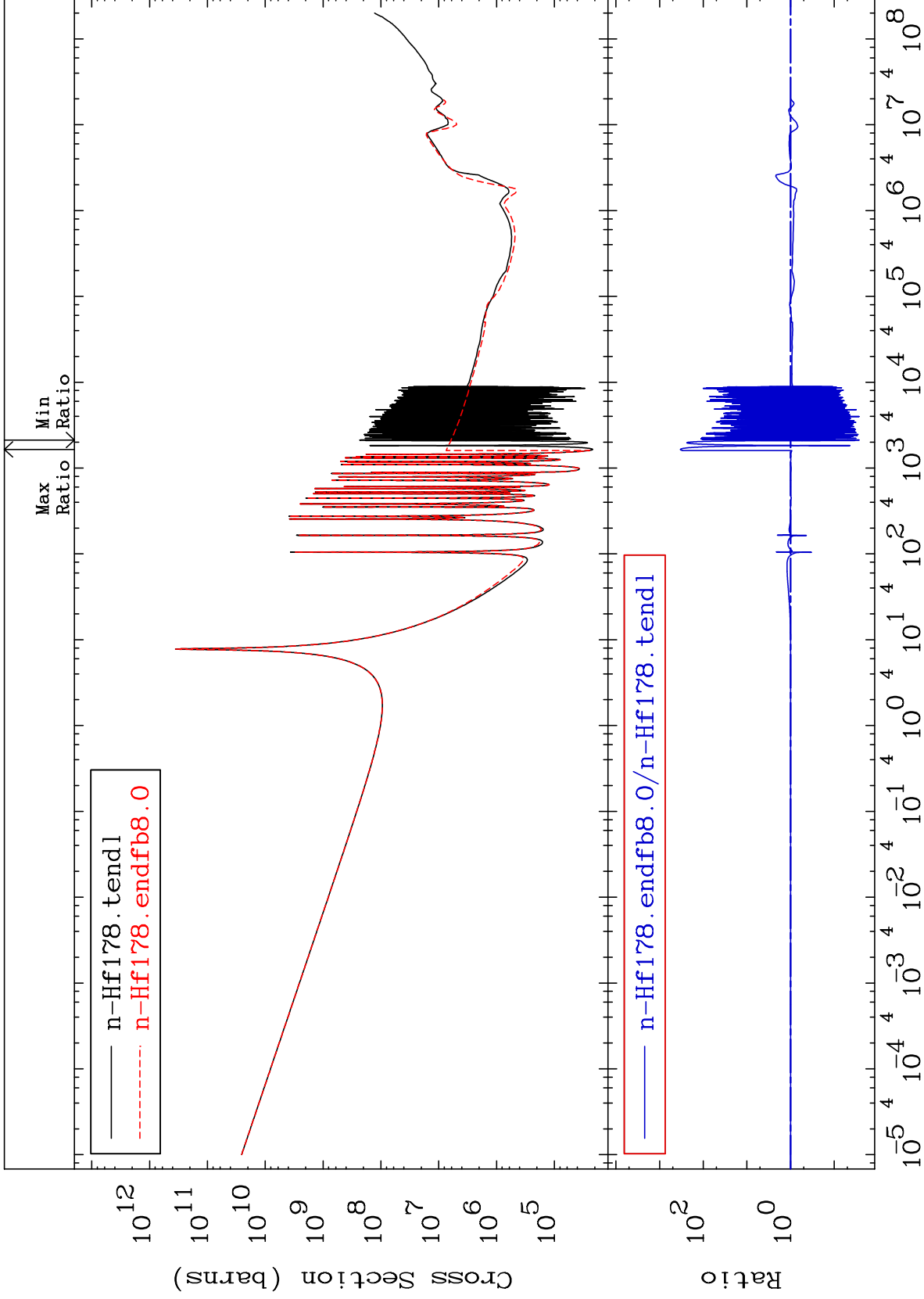
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

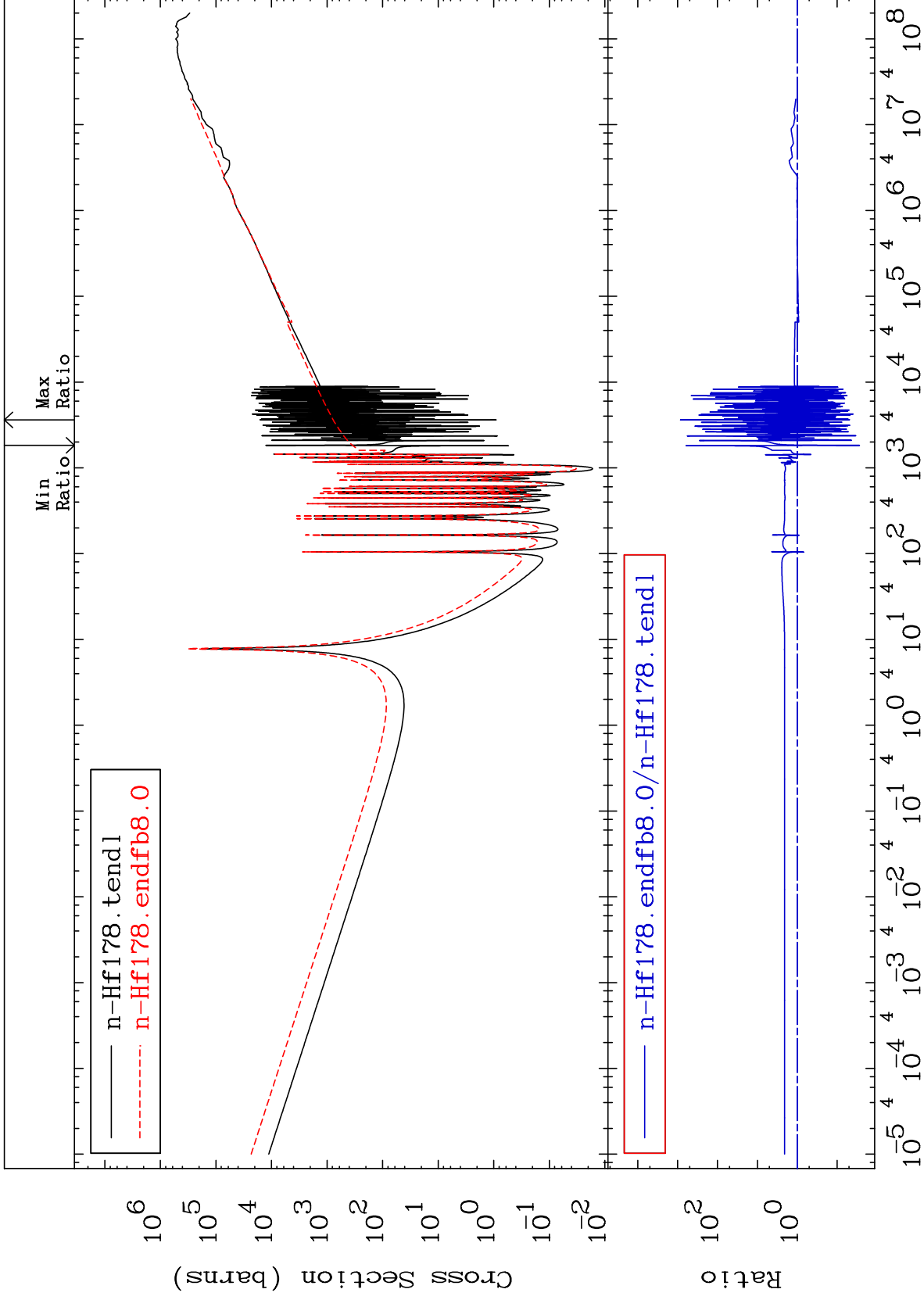
72-Hf-178
-62.35 To 64.52 %







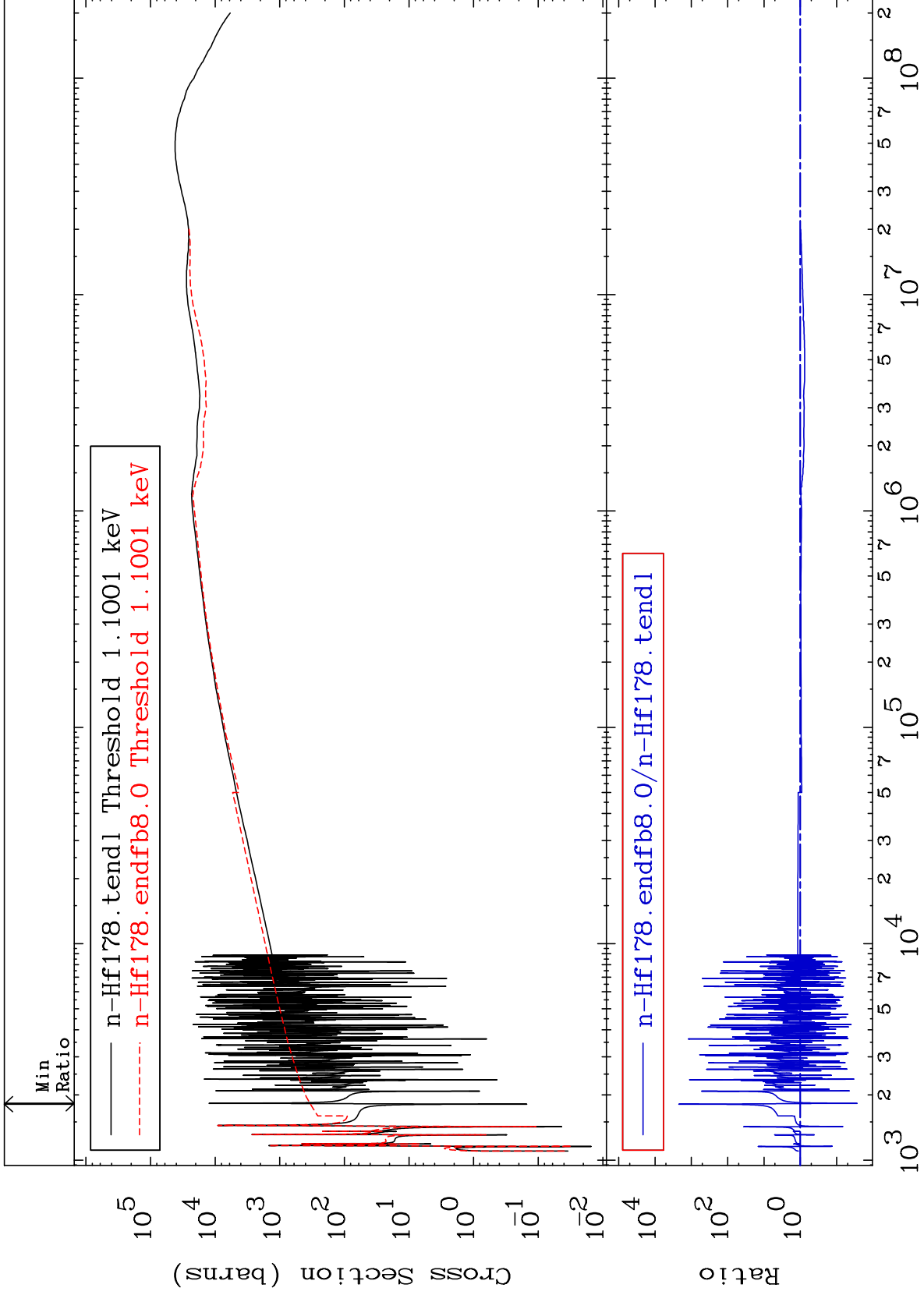




MAT 7237

Dpa elastic (mt2)
Cross Section

72-Hf-178
-97.29 To 9999. %



MAT 7237

Dpa inelastic (mt51-91)
Cross Section

72-Hf-178
-0.792 To 302.3 %

