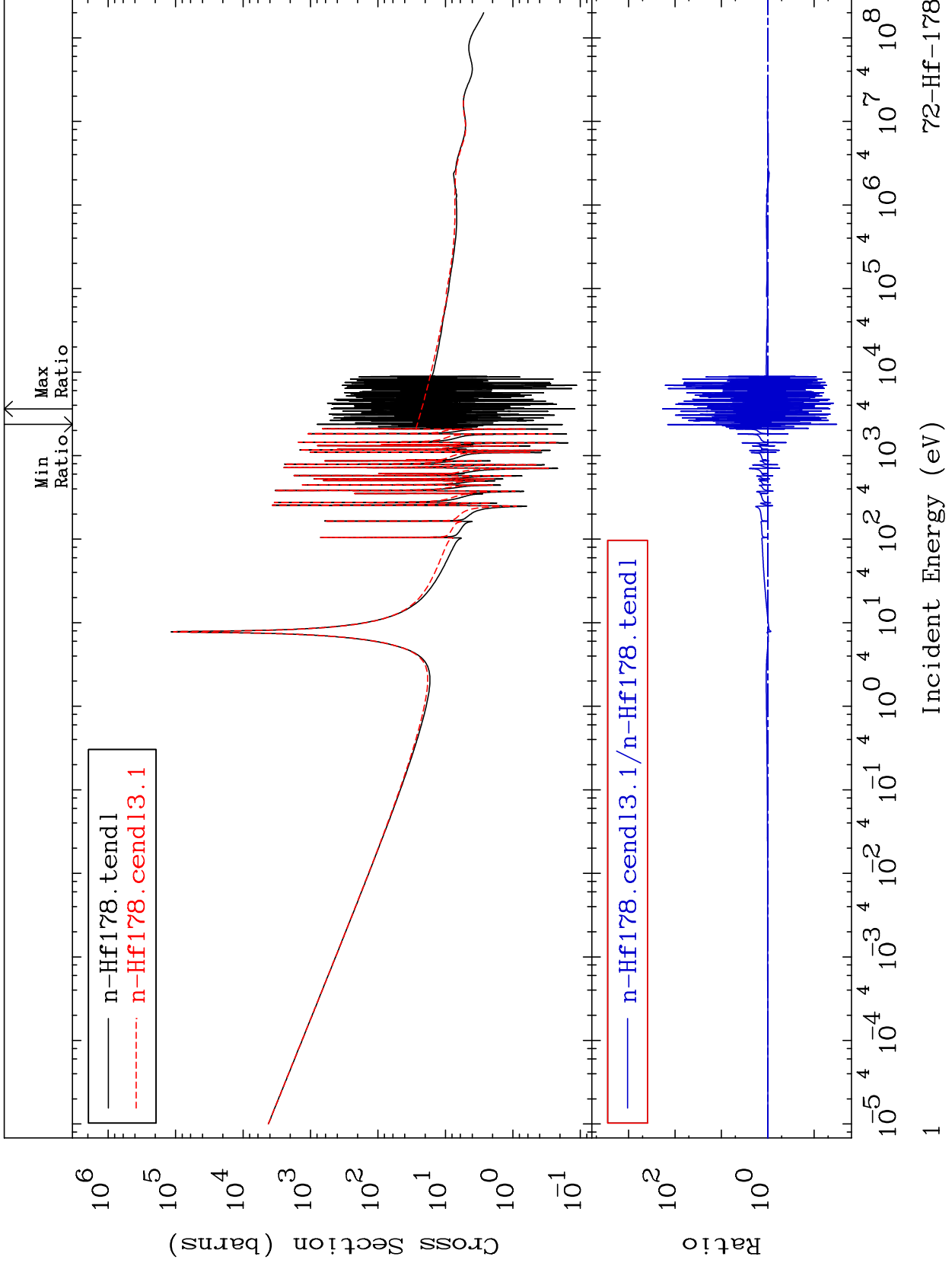


MAT 7237

Total
Cross Section

72-Hf-178
-96.73 To 9999. %



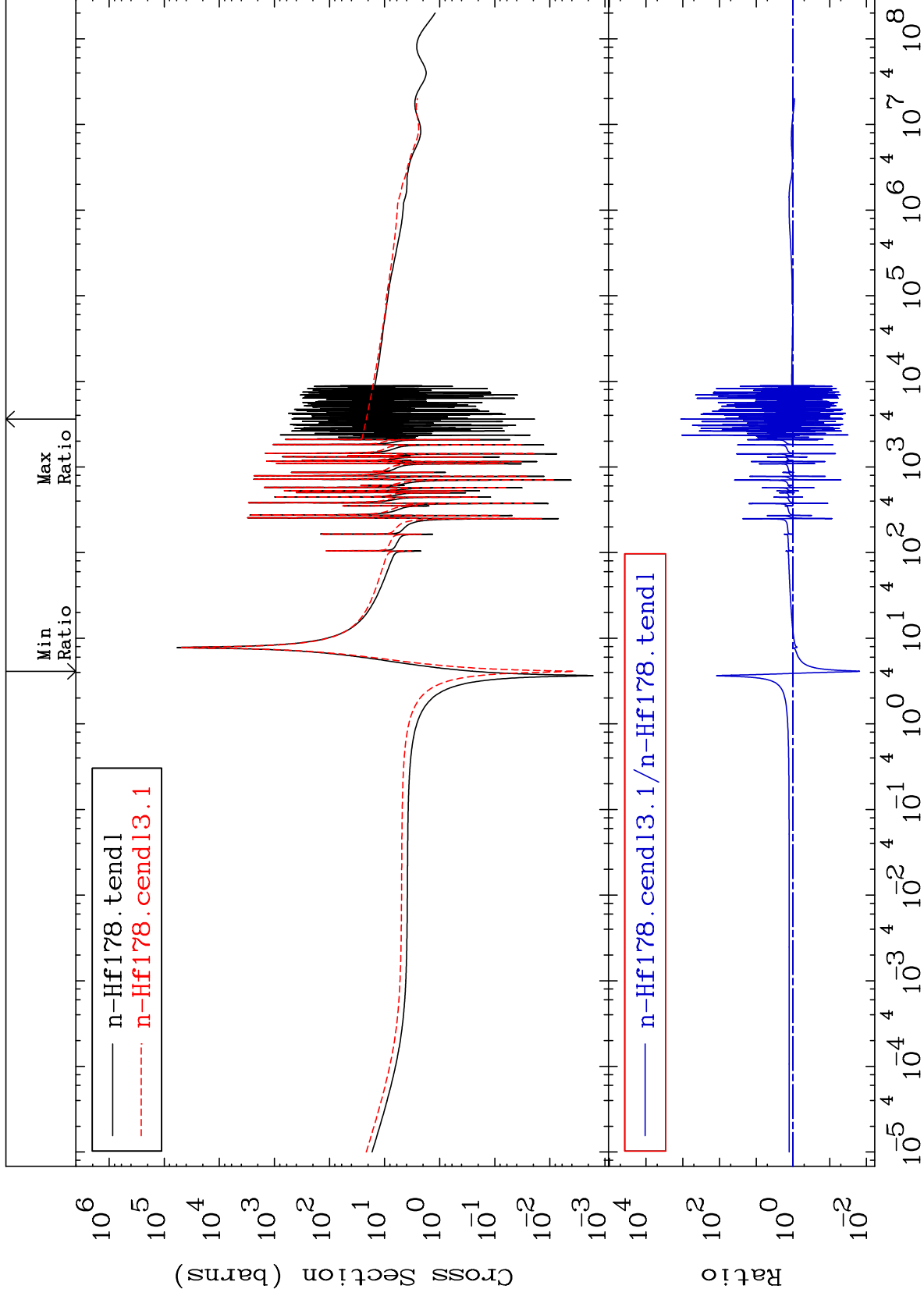
MAT 7237

Elastic

72-Hf-178

Cross Section

-98.45 To 9999. %



2

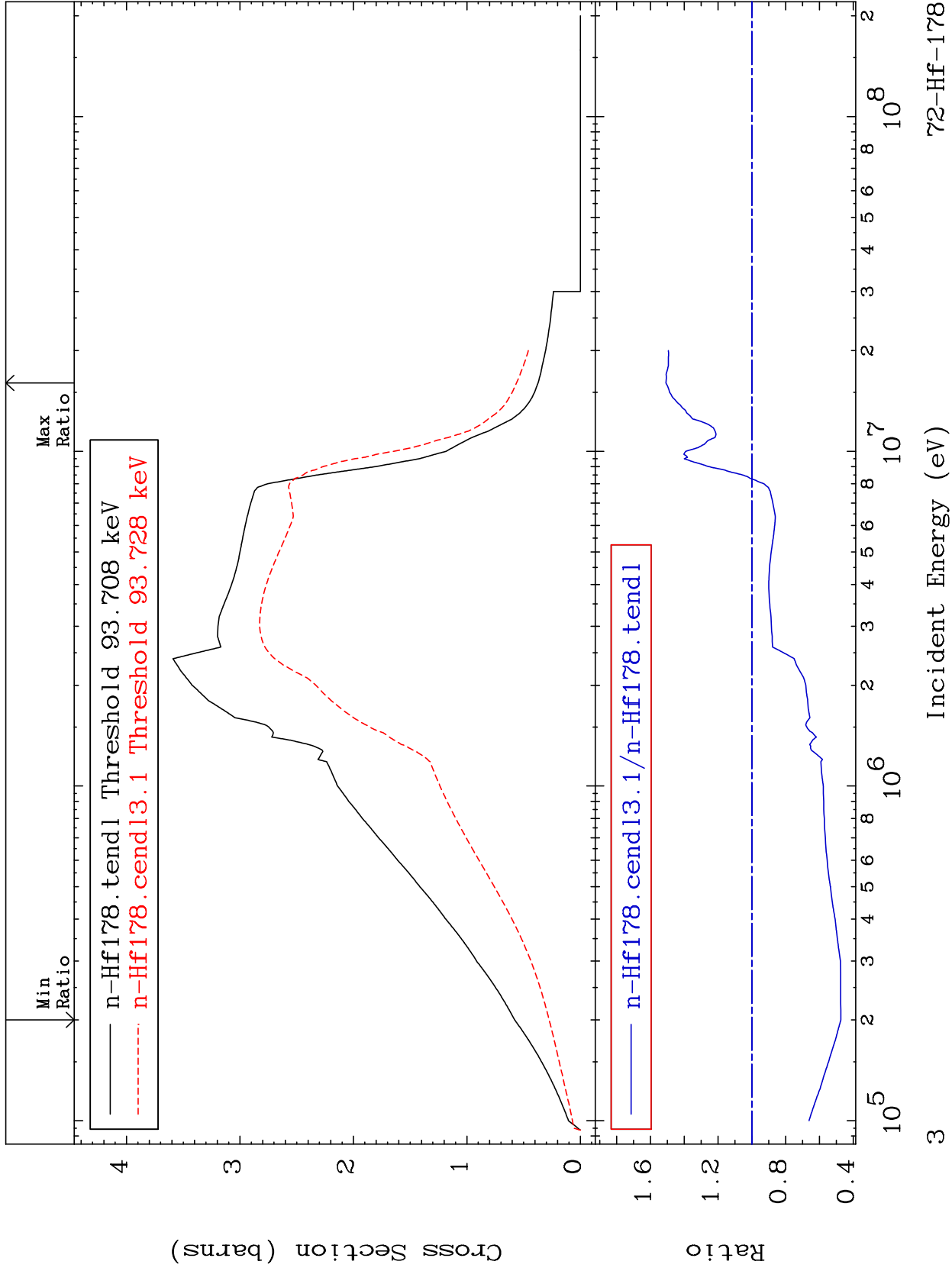
Incident Energy (eV)

72-Hf-178

MAT 7237

Inelastic
Cross Section

72-Hf-178
-52.60 To 50.86 %



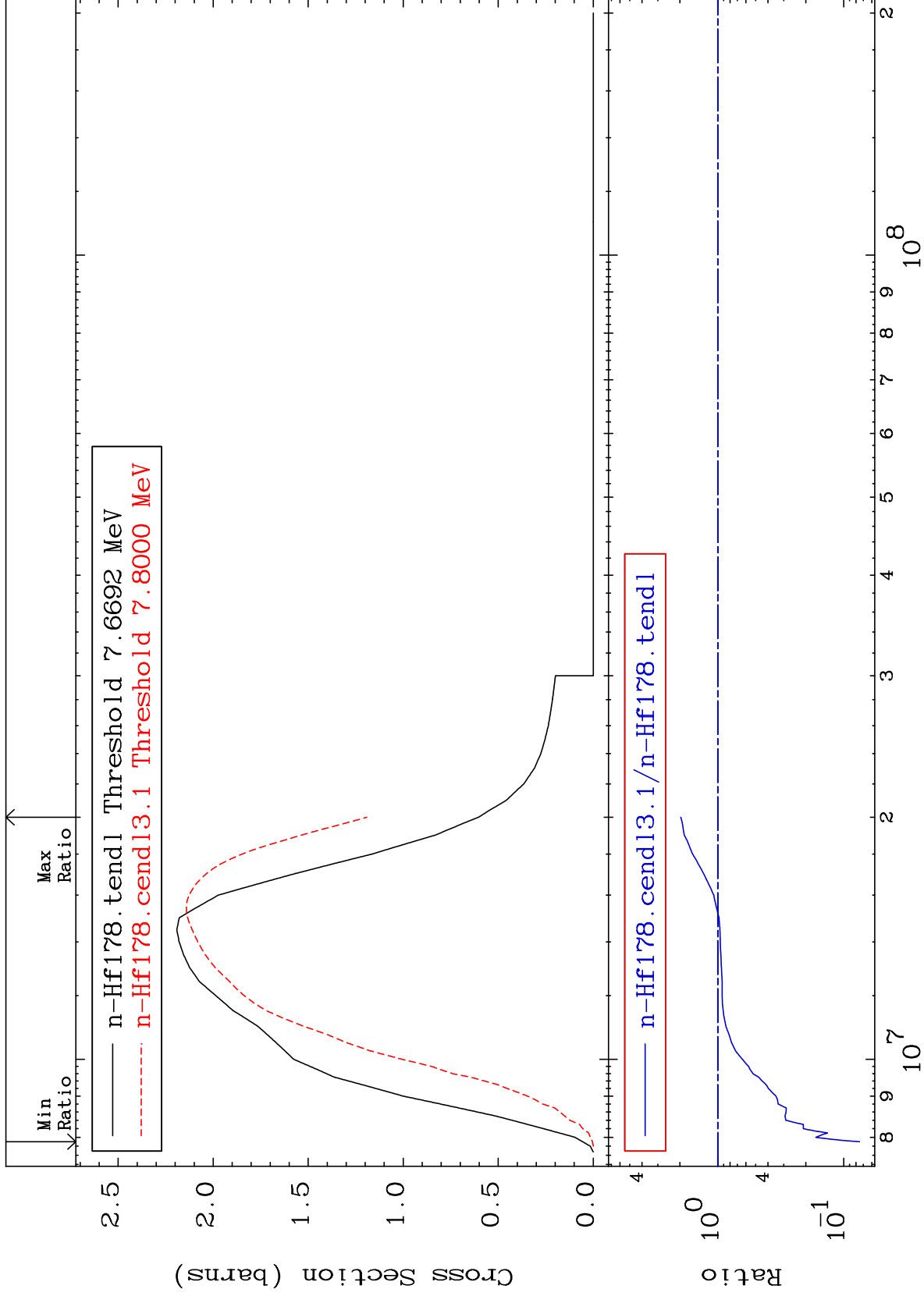
MAT 7237

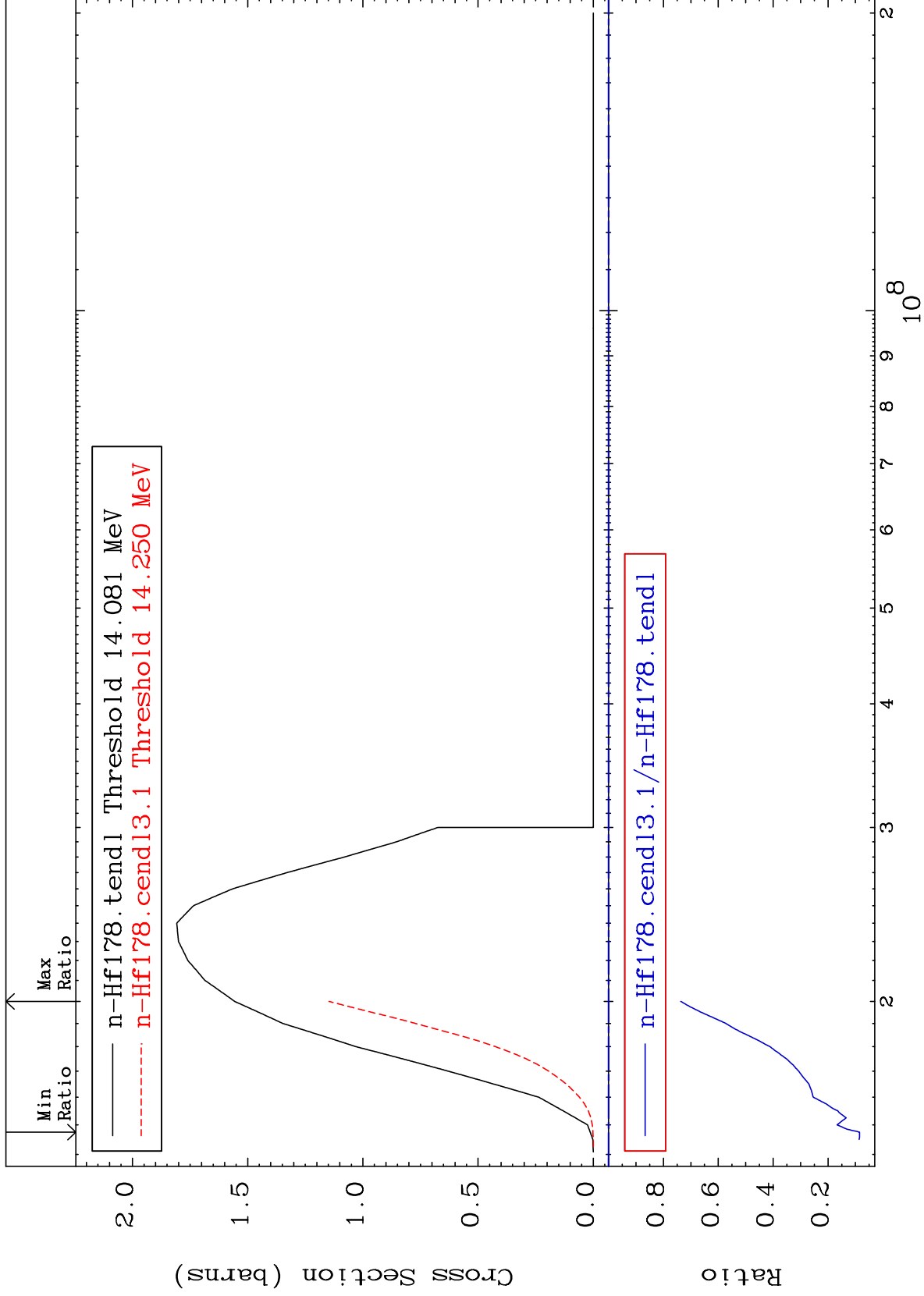
(n,2n)

72-Hf-178

Cross Section

-92.50 To 96.98 %

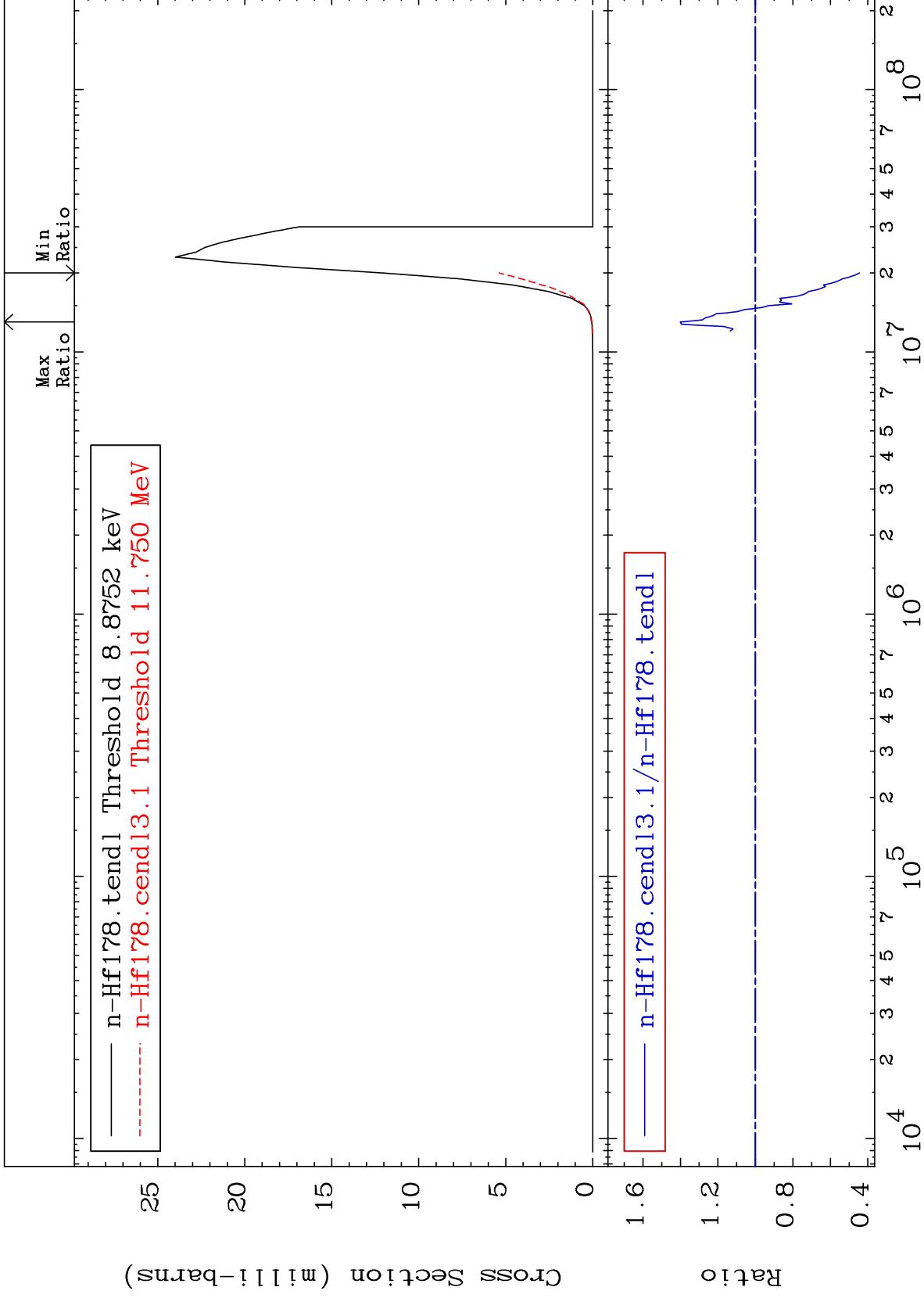




MAT 7237

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

72-Hf-178
-55.50 To 40.04 %



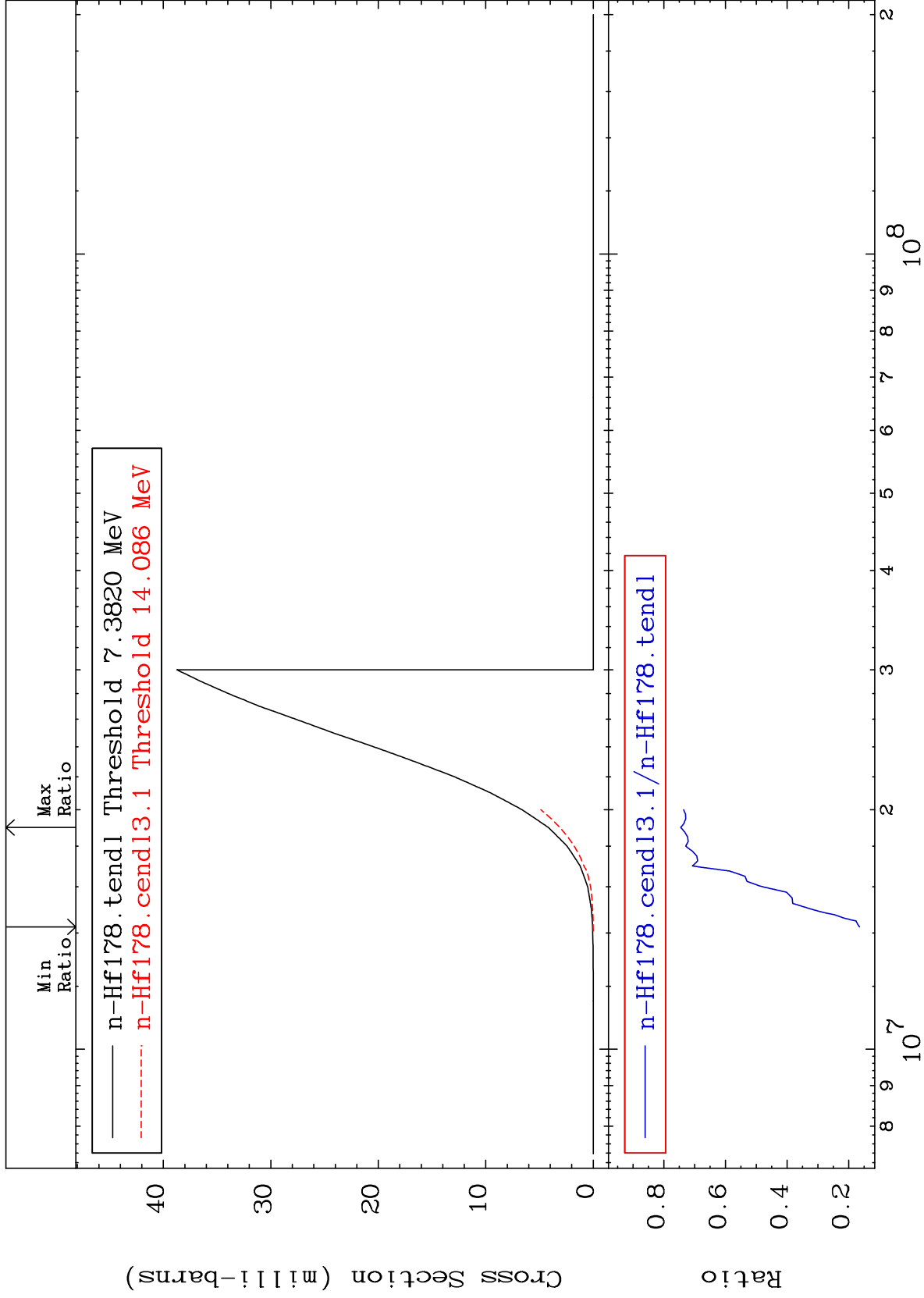
Incident Energy (eV)

72-Hf-178

MAT 7237

(n,n') p
Cross Section

72-Hf-178
-83.52 To -25.48%



7

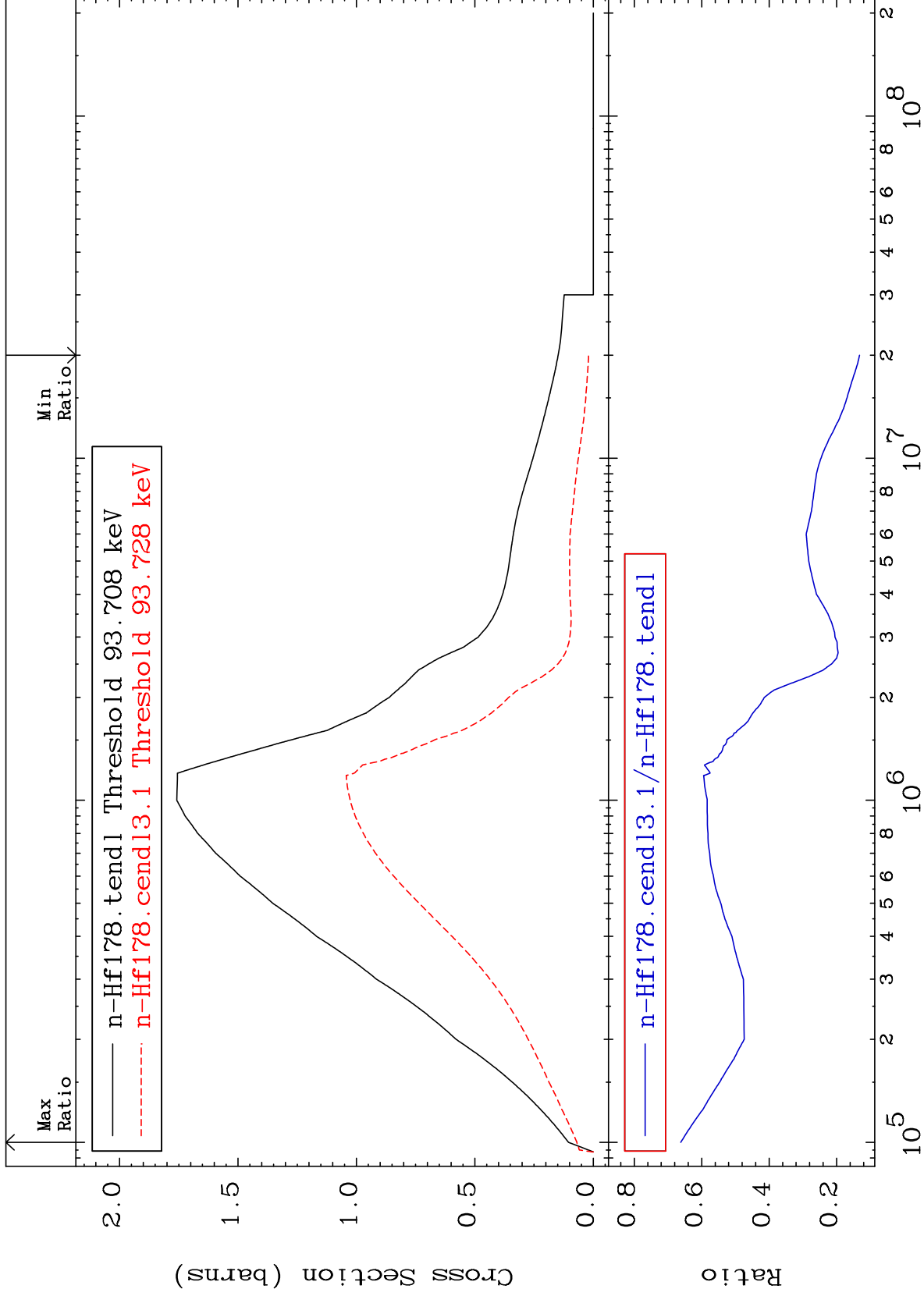
Incident Energy (eV)

72-Hf-178

MAT 7237

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

72-Hf-178
-86.80 To -33.79%



8

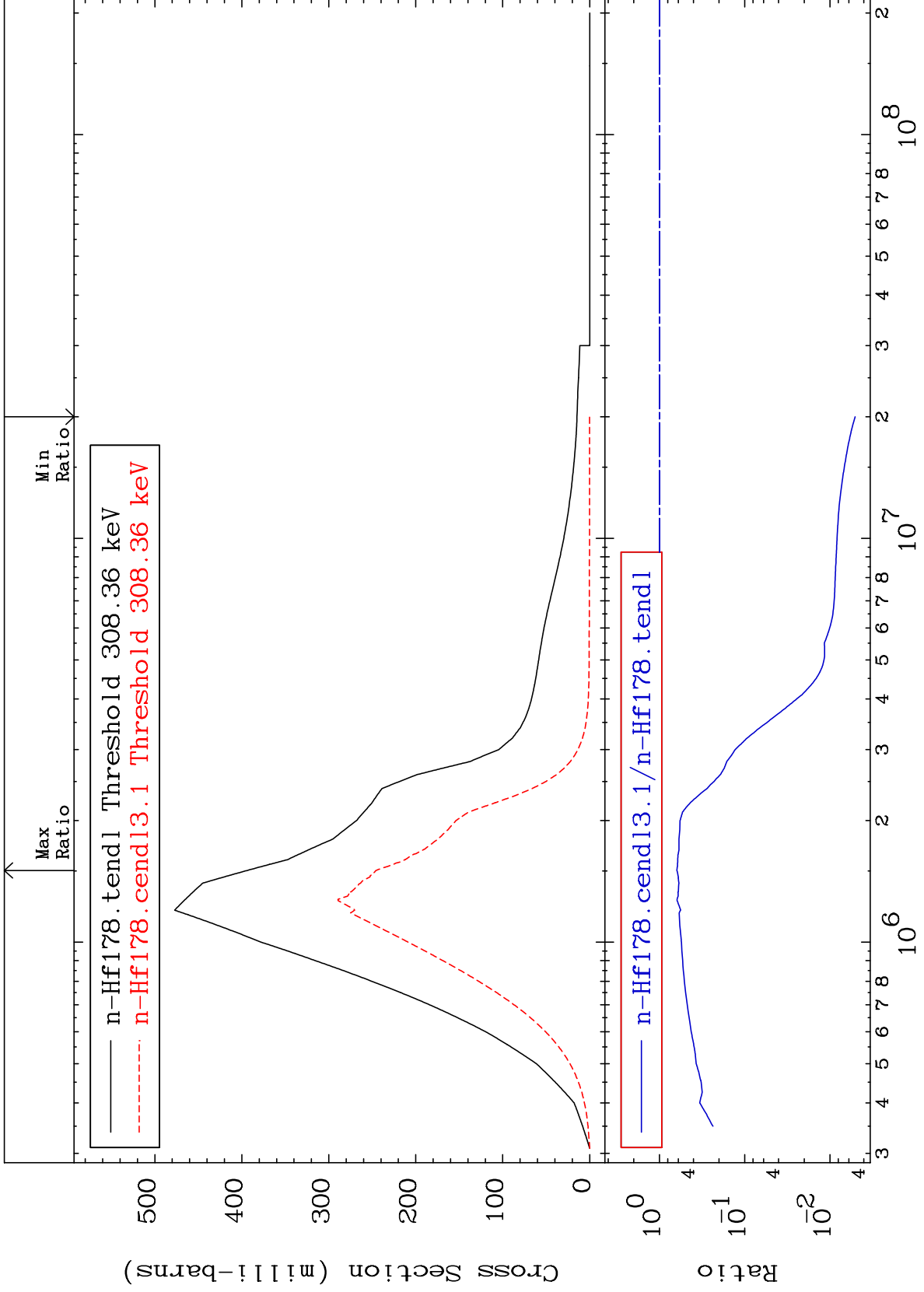
Incident Energy (eV)

72-Hf-178

MAT 7237

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

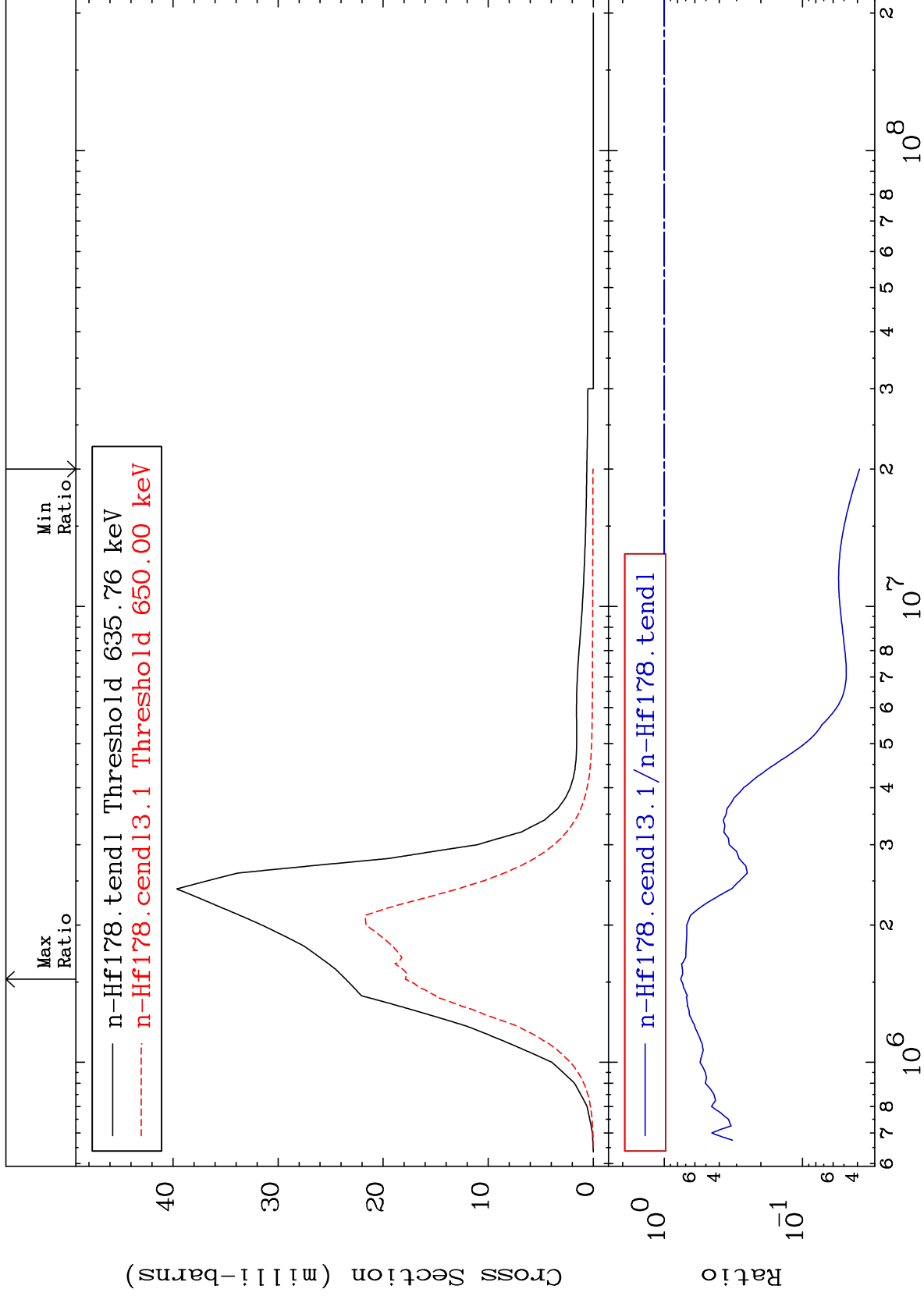
72-Hf-178
-99.49 To -37.59%



MAT 7237

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

72-Hf-178
-96.14 To -24.10%



10

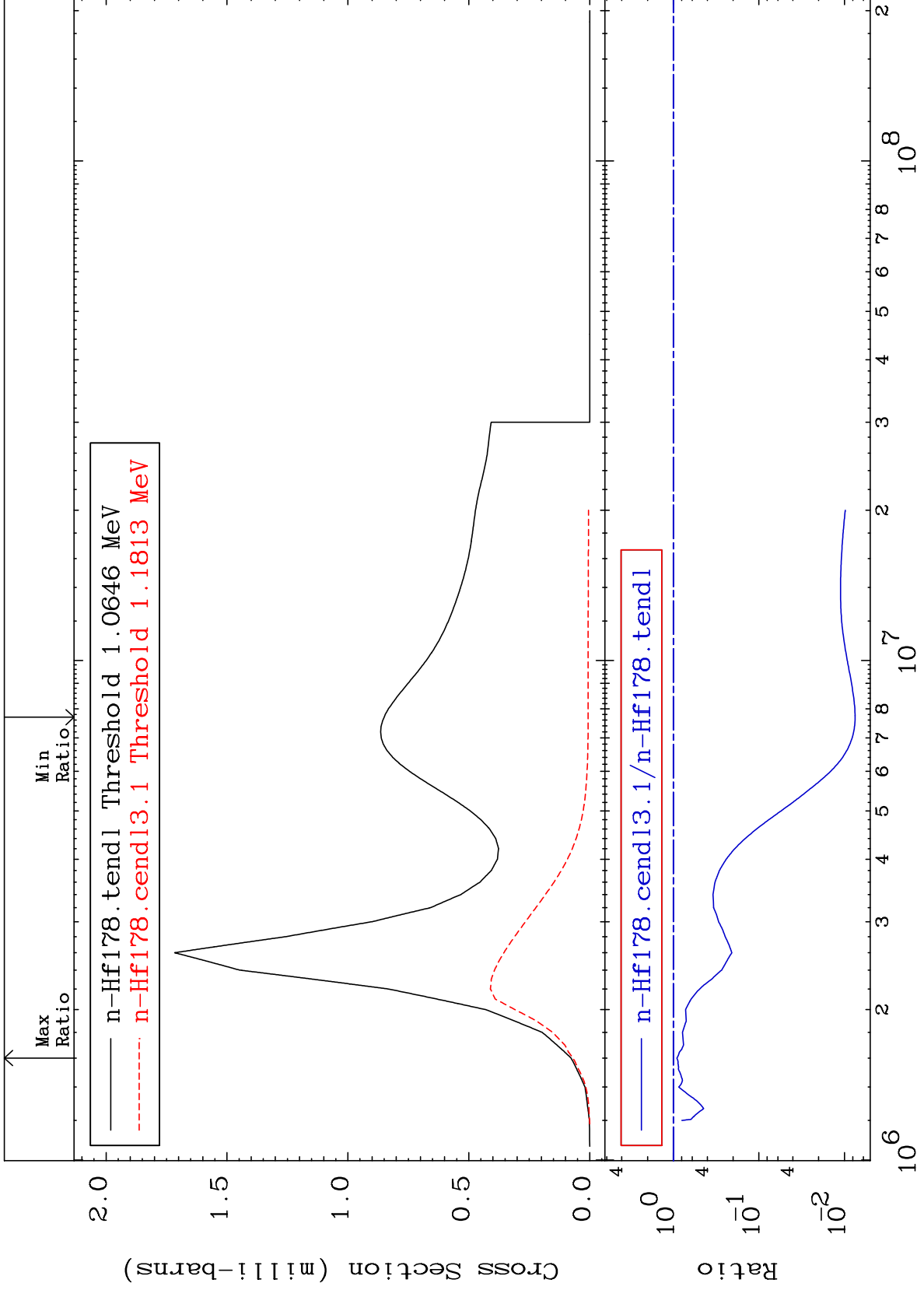
Incident Energy (eV)

72-Hf-178

MAT 7237

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

72-Hf-178
-99.25 To -9.289%



11

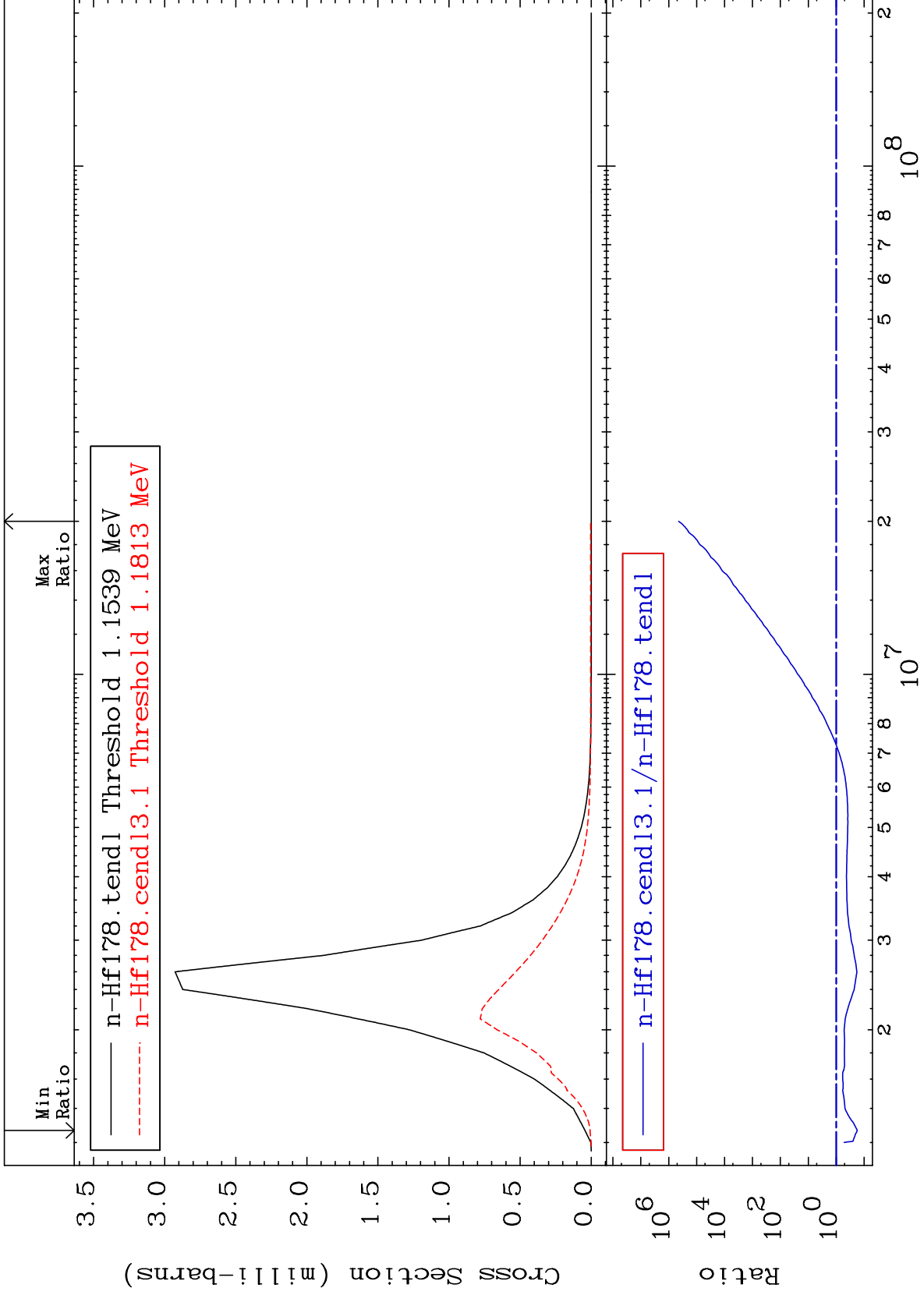
Incident Energy (eV)

72-Hf-178

MAT 7237

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

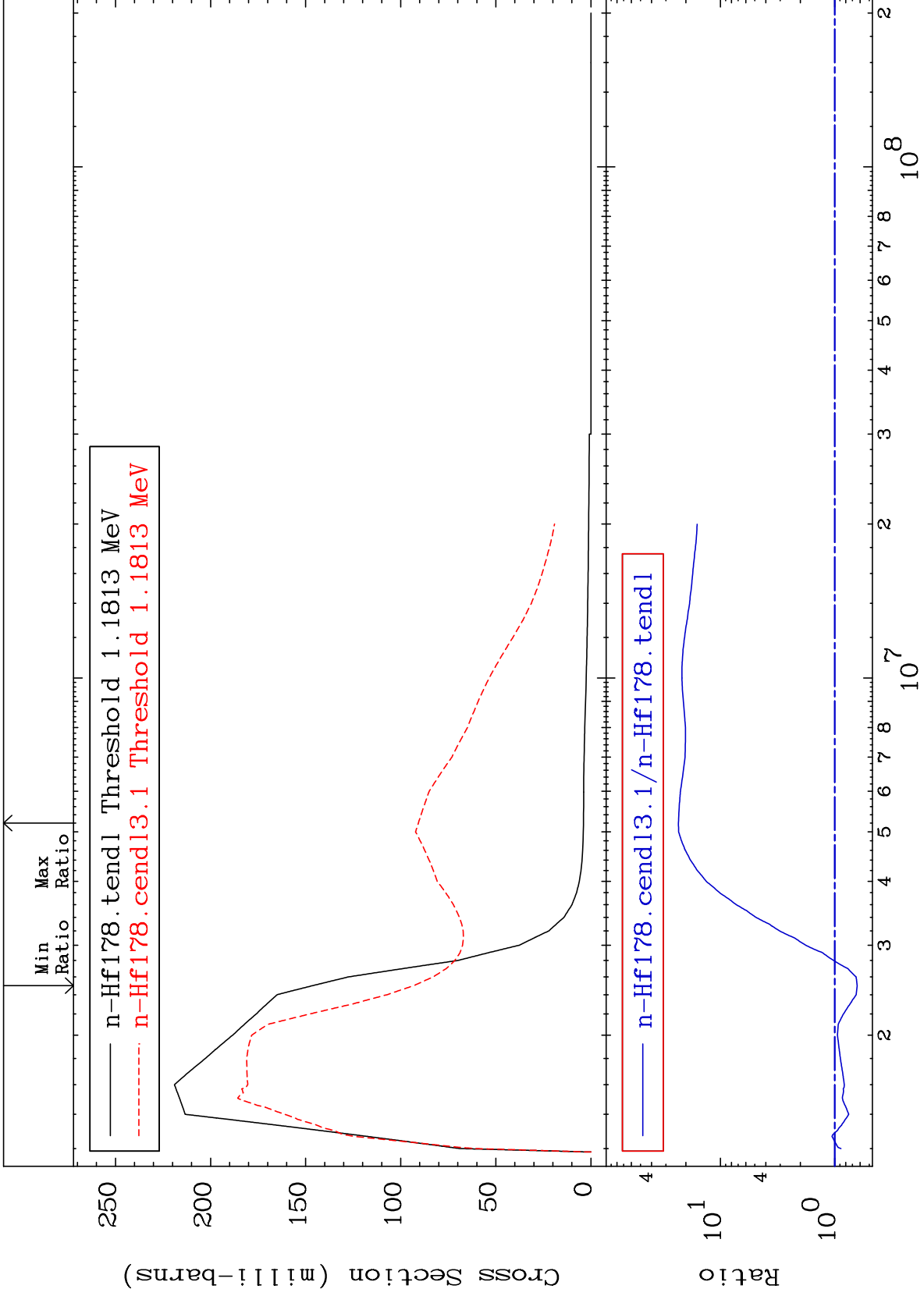
72-Hf-178
-82.40 To 9999. %



MAT 7237

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

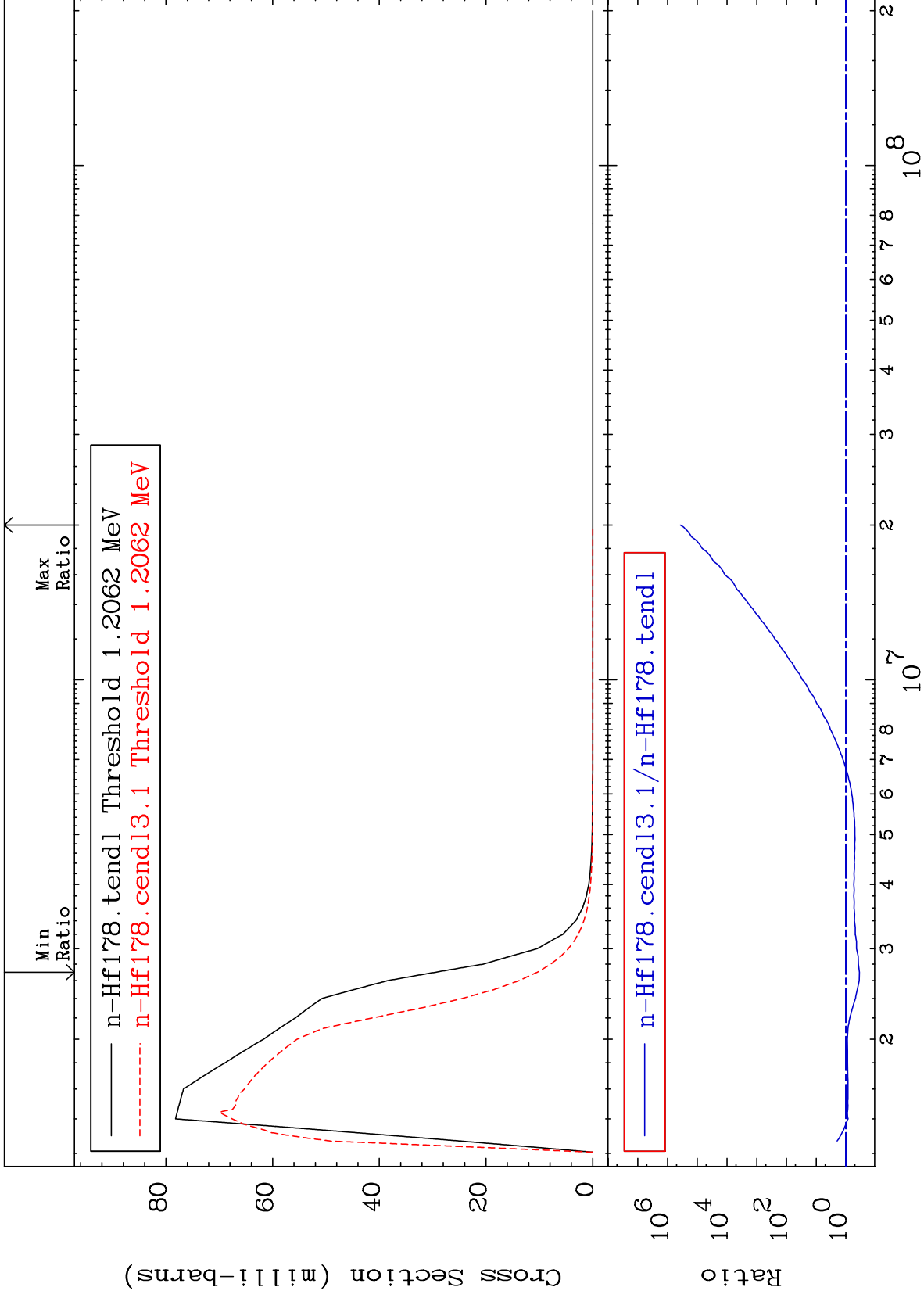
72-Hf-178
-36.36 To 2226. %



MAT 7237

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

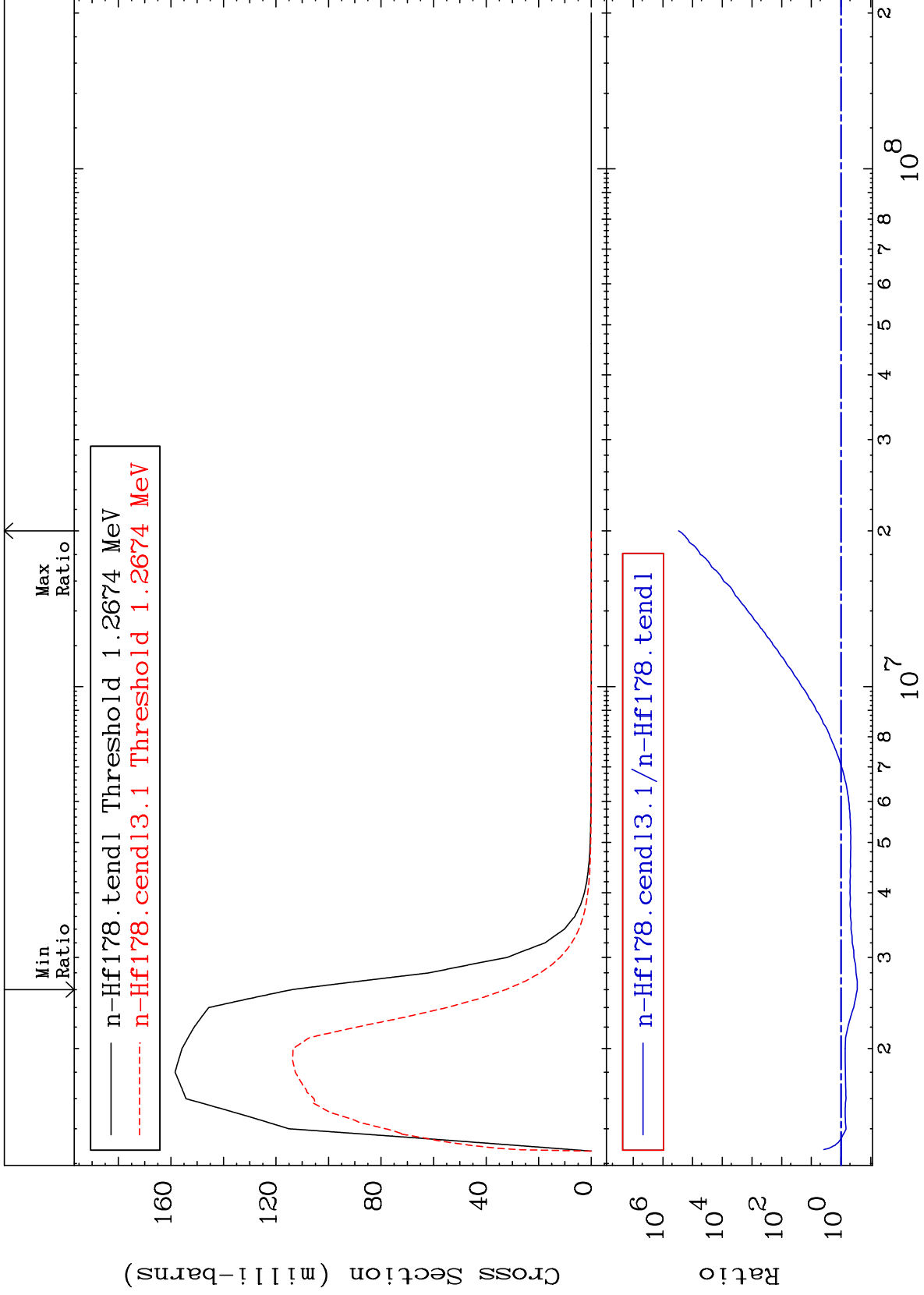
72-Hf-178
-64.74 To 9999. %



MAT 7237

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

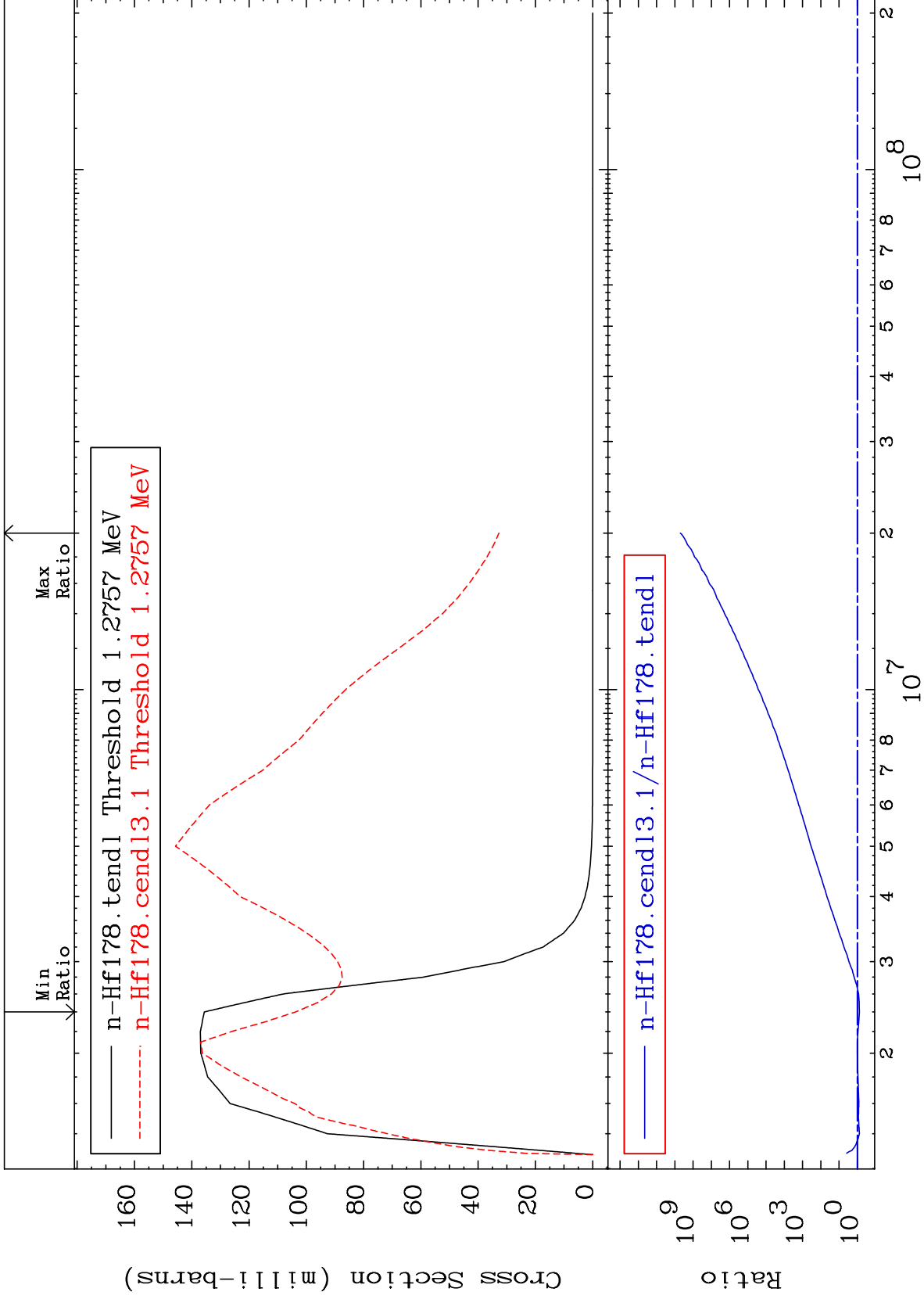
72-Hf-178
-71.50 To 9999. %



MAT 7237

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

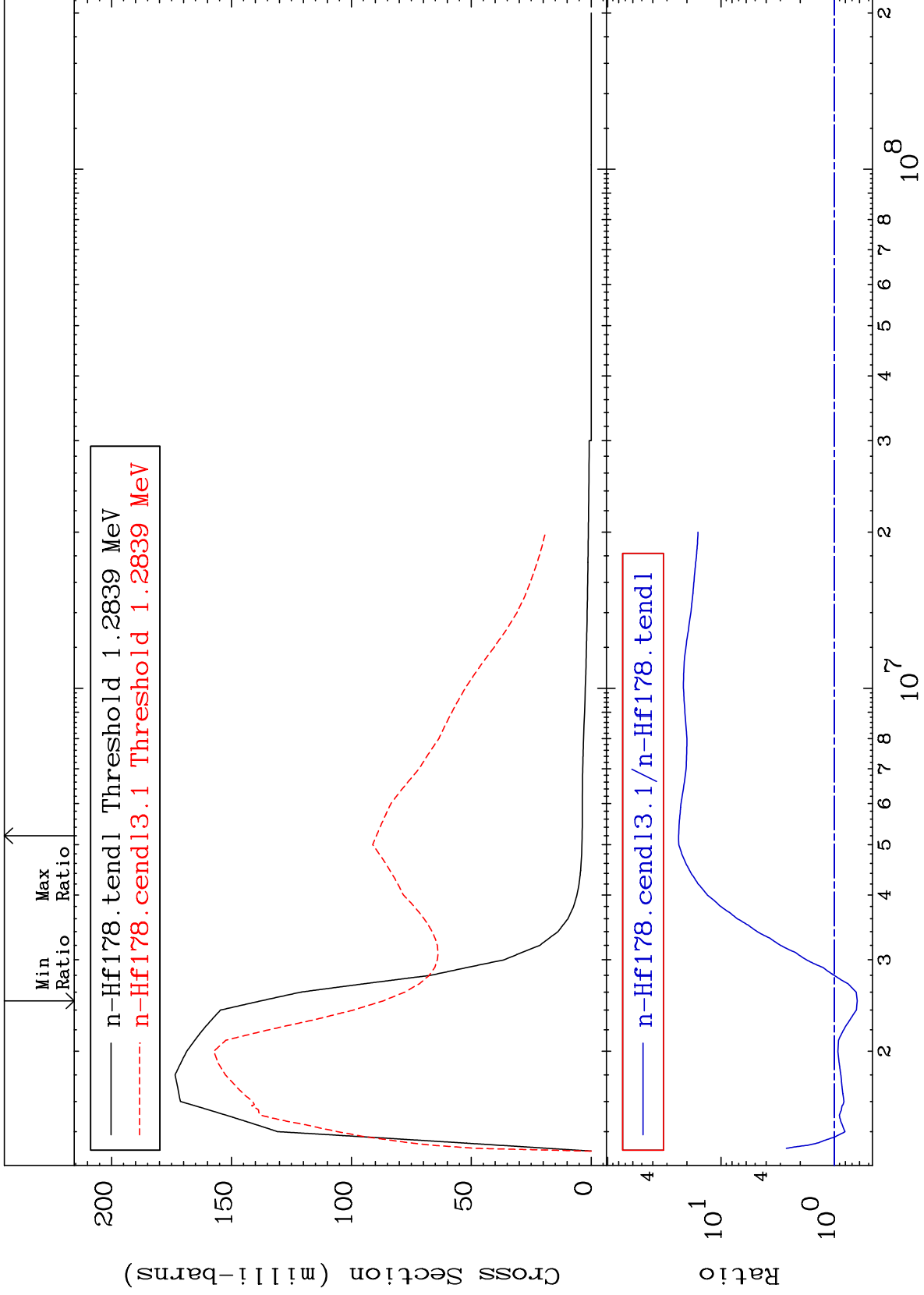
72-Hf-178
-23.51 To 9999. %



MAT 7237

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

72-Hf-178
-37.04 To 2267. %



17

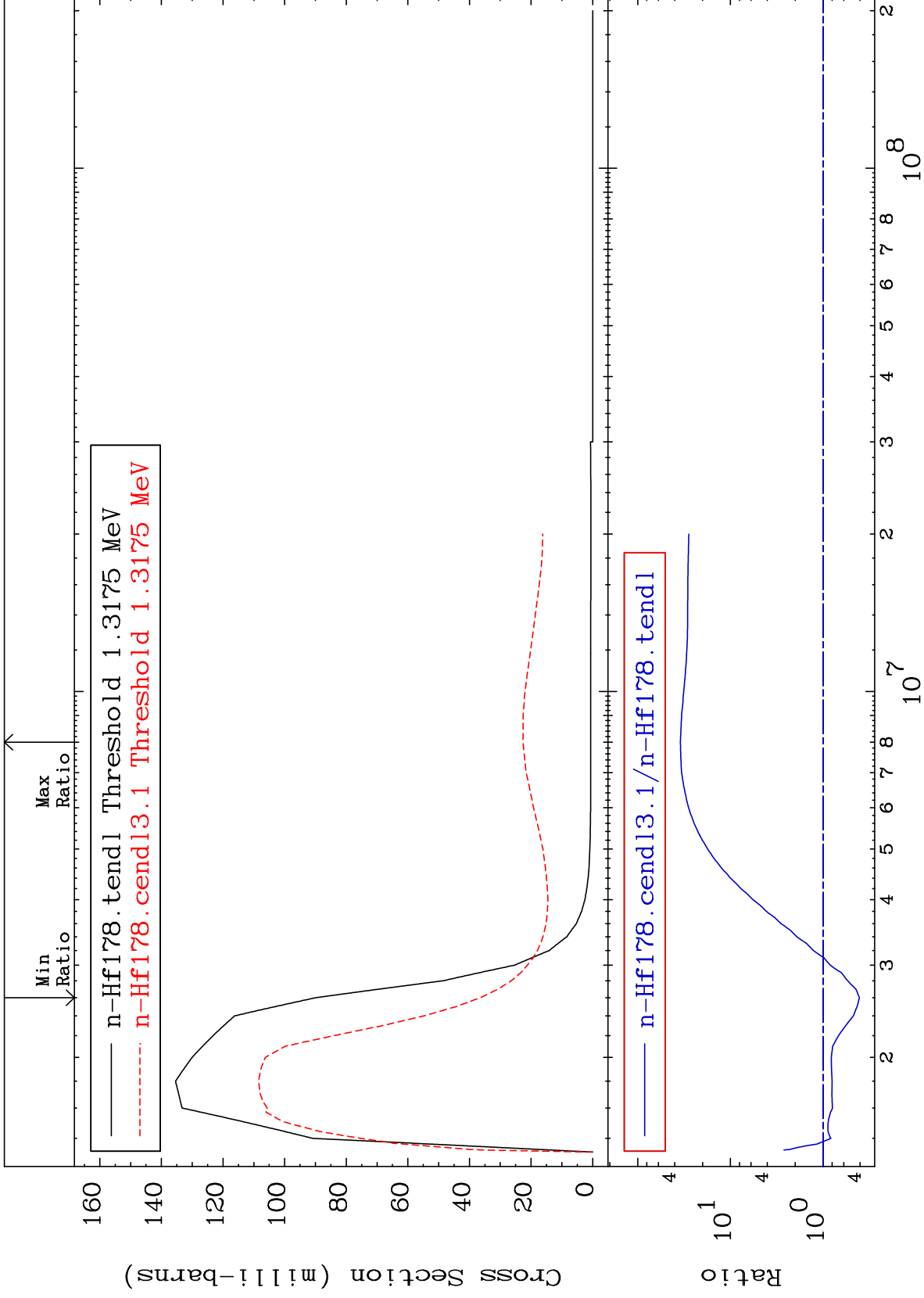
Incident Energy (eV)

72-Hf-178

MAT 7237

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

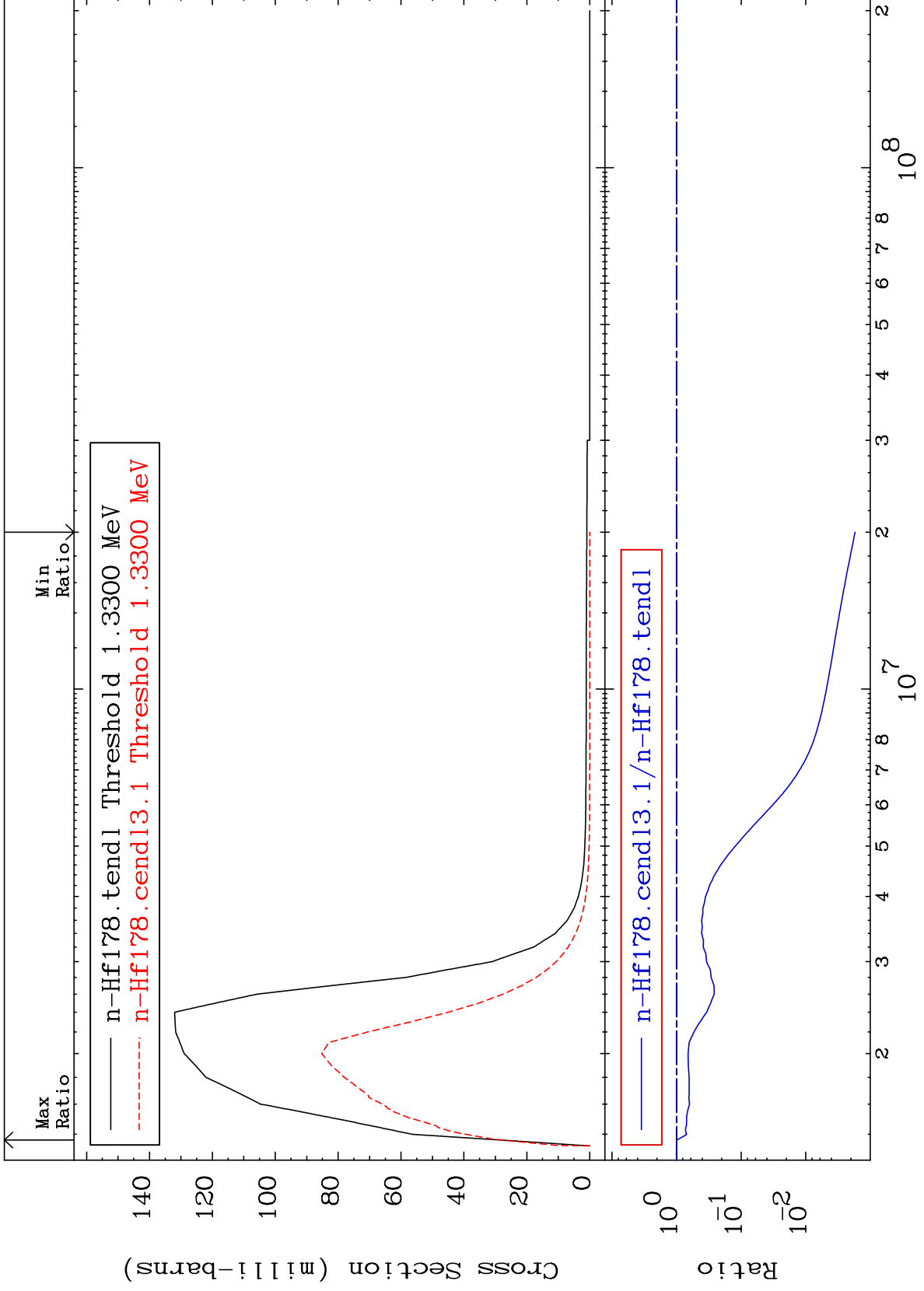
72-Hf-178
-59.40 To 3370. %



MAT 7237

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

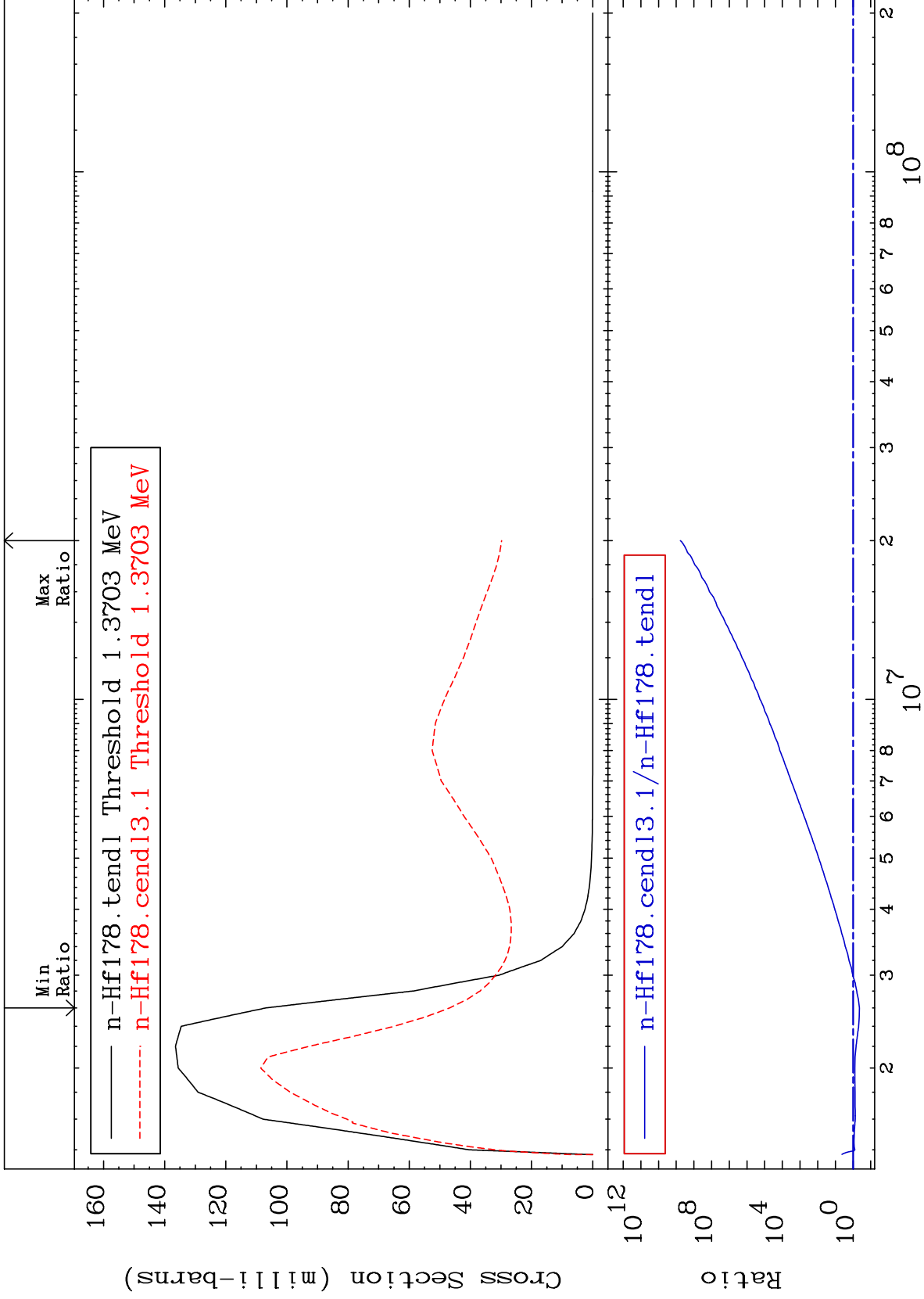
72-Hf-178
-99.83 To -1.476%



MAT 7237

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

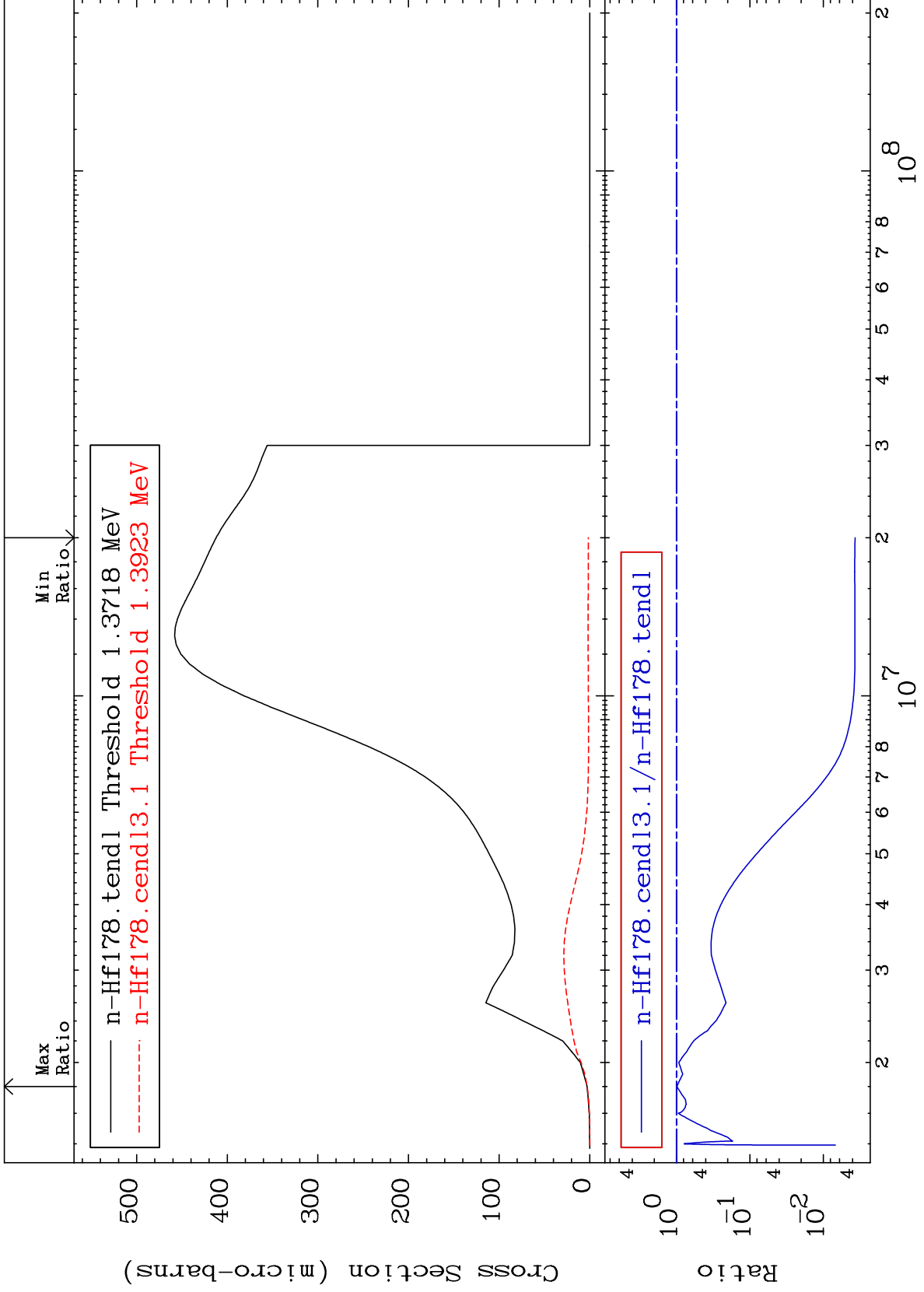
72-Hf-178
-56.23 To 9999. %



MAT 7237

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

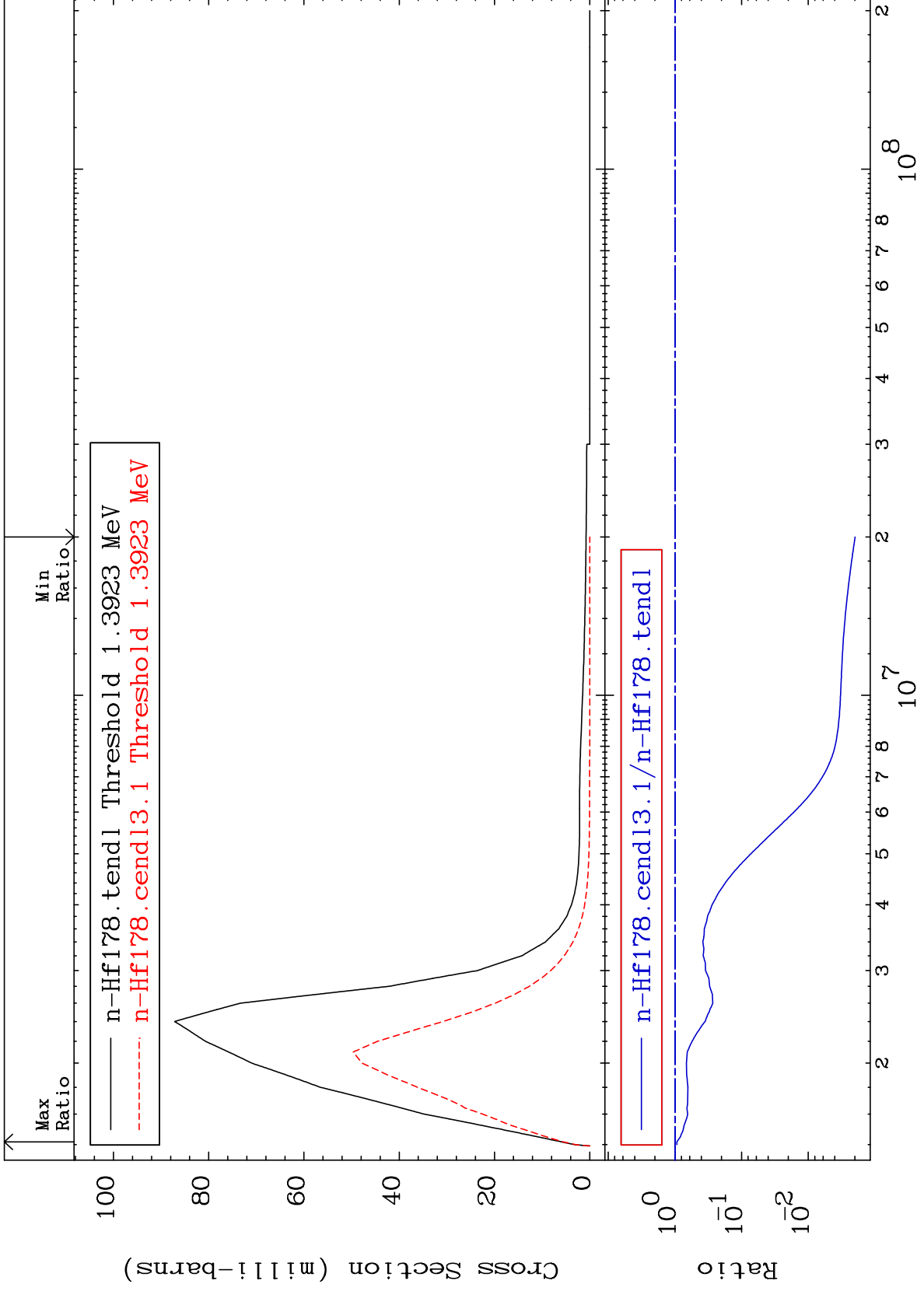
72-Hf-178
-99.63 To -1.588%



MAT 7237

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

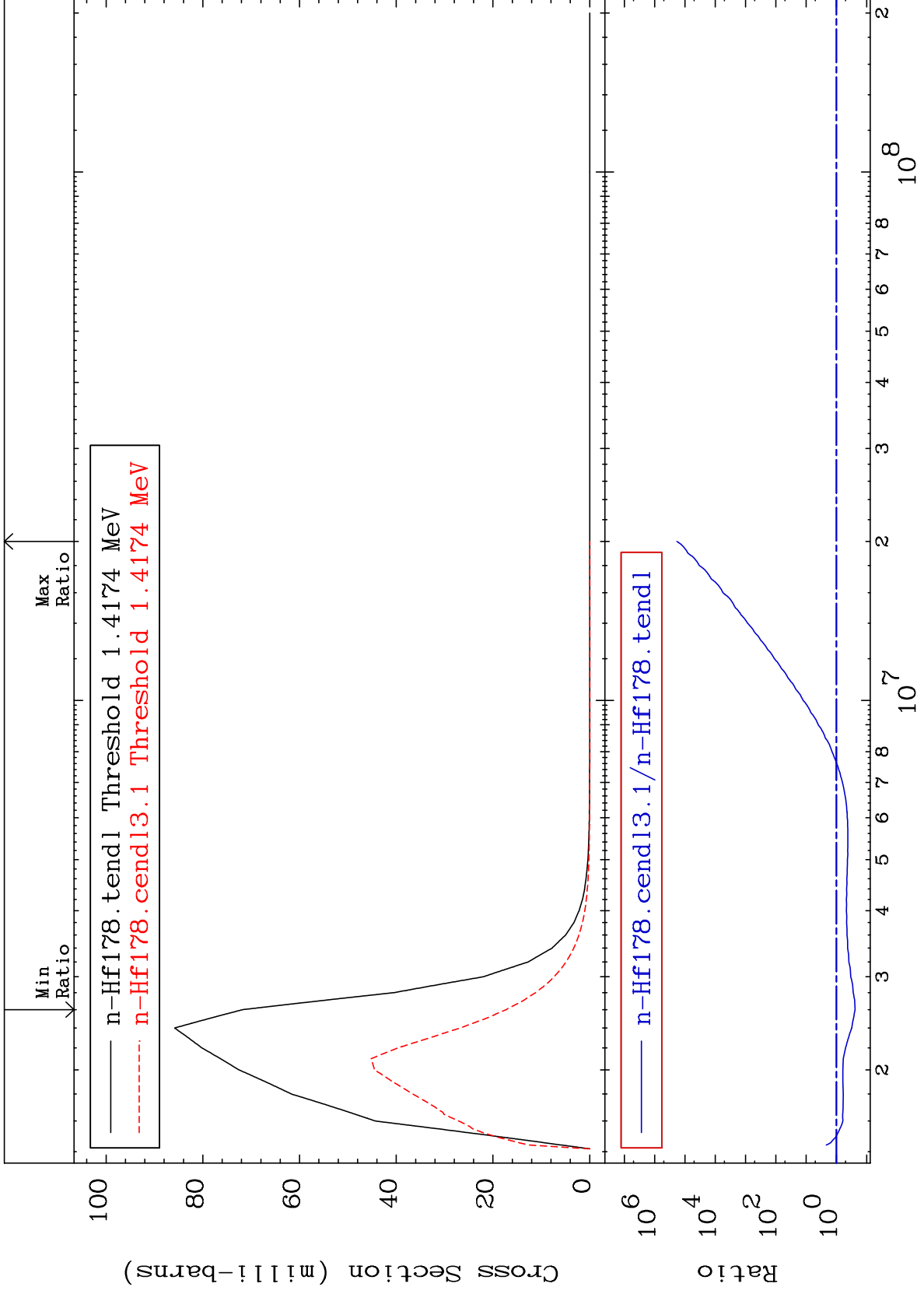
72-Hf-178
-99.80 To -6.685%

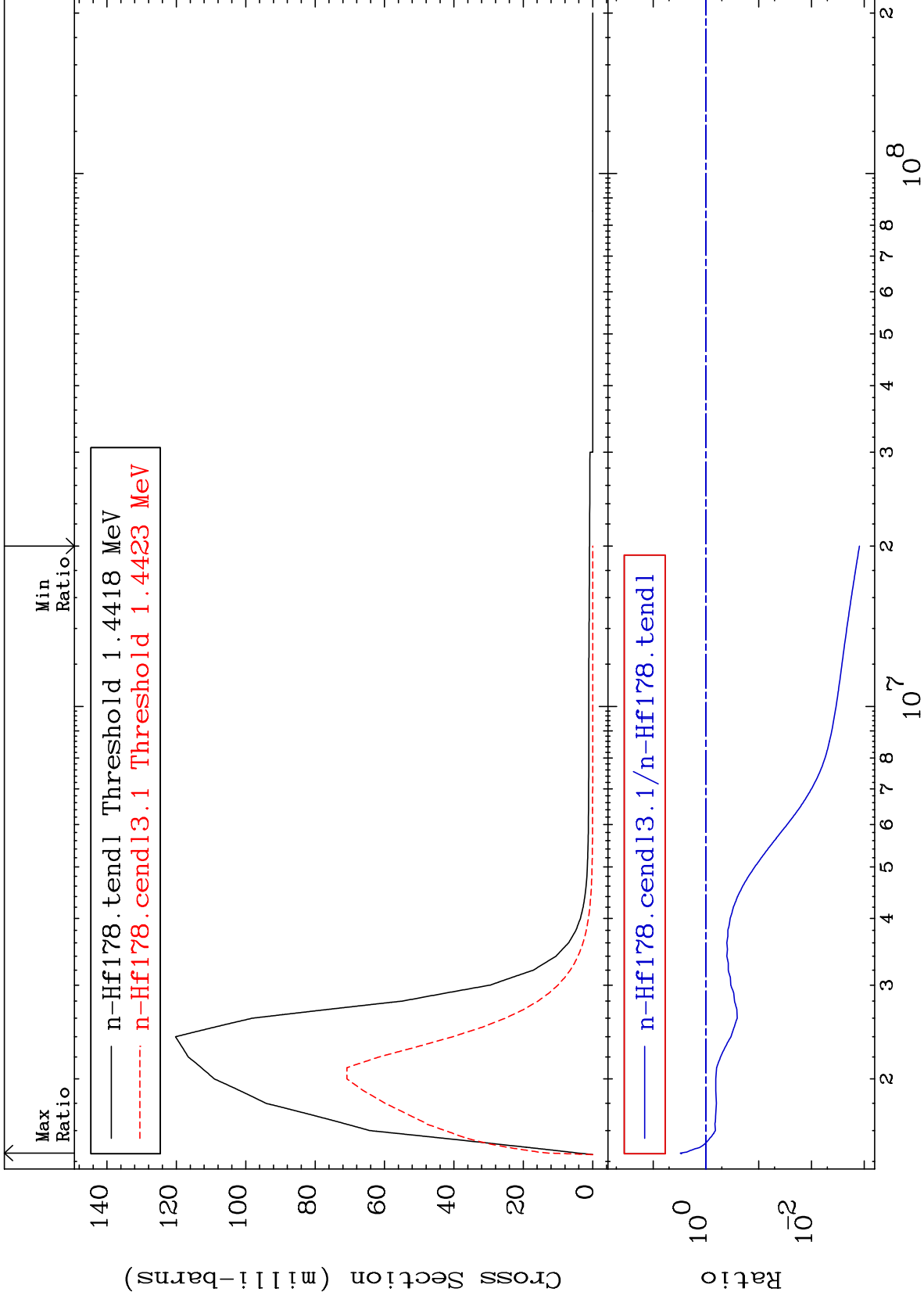


MAT 7237

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

72-Hf-178
-75.90 To 9999. %

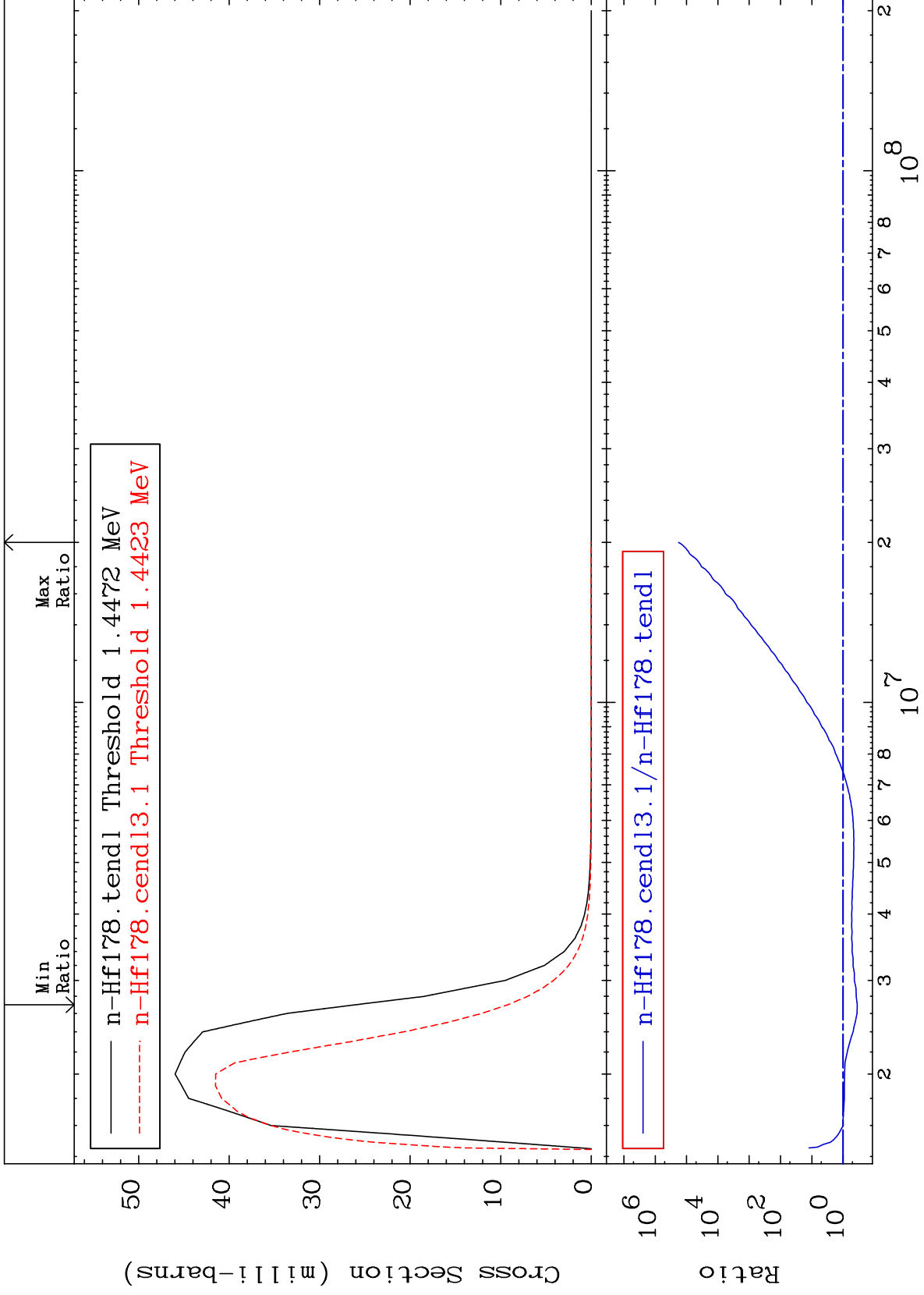




MAT 7237

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

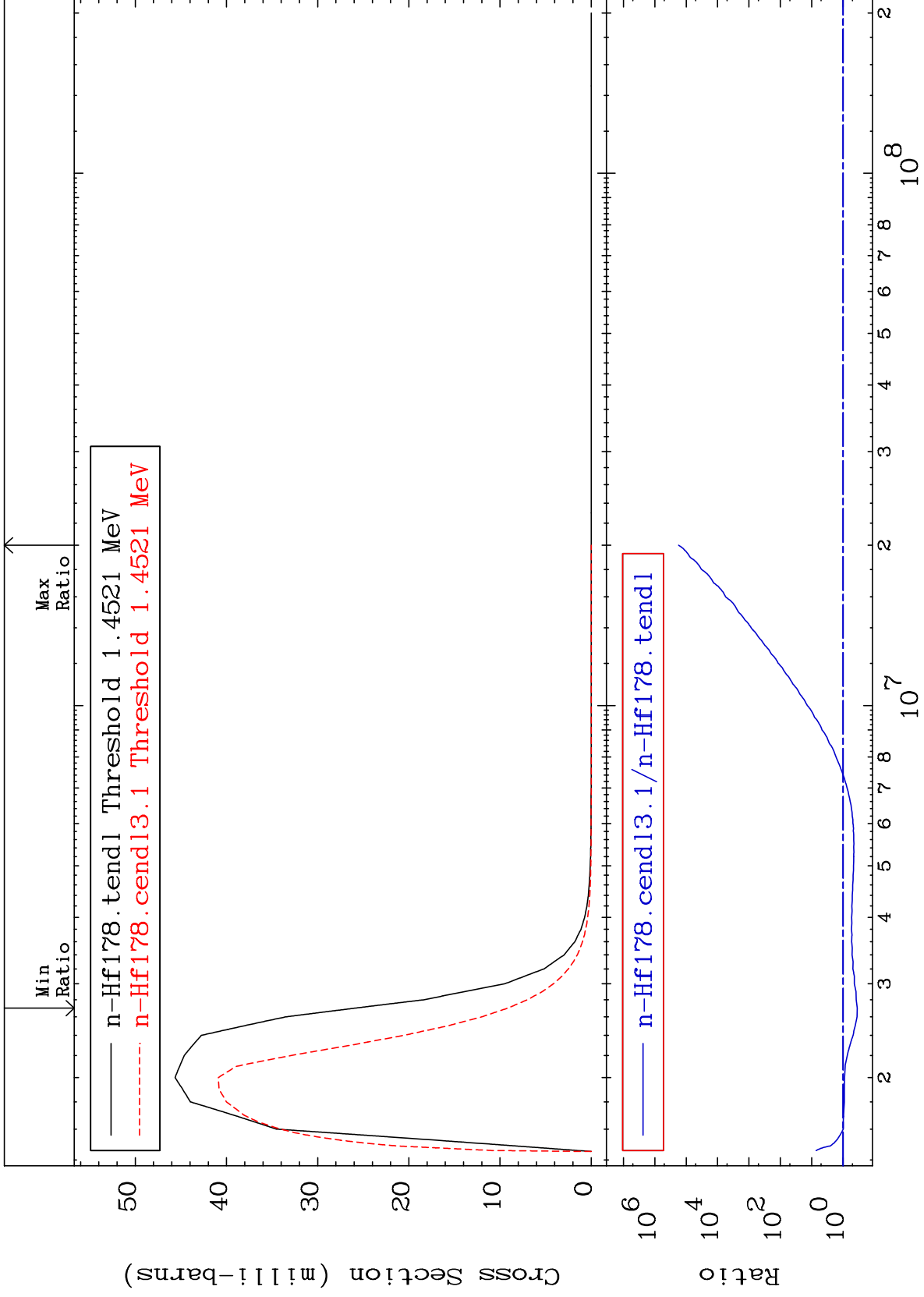
72-Hf-178
-64.58 To 9999. %

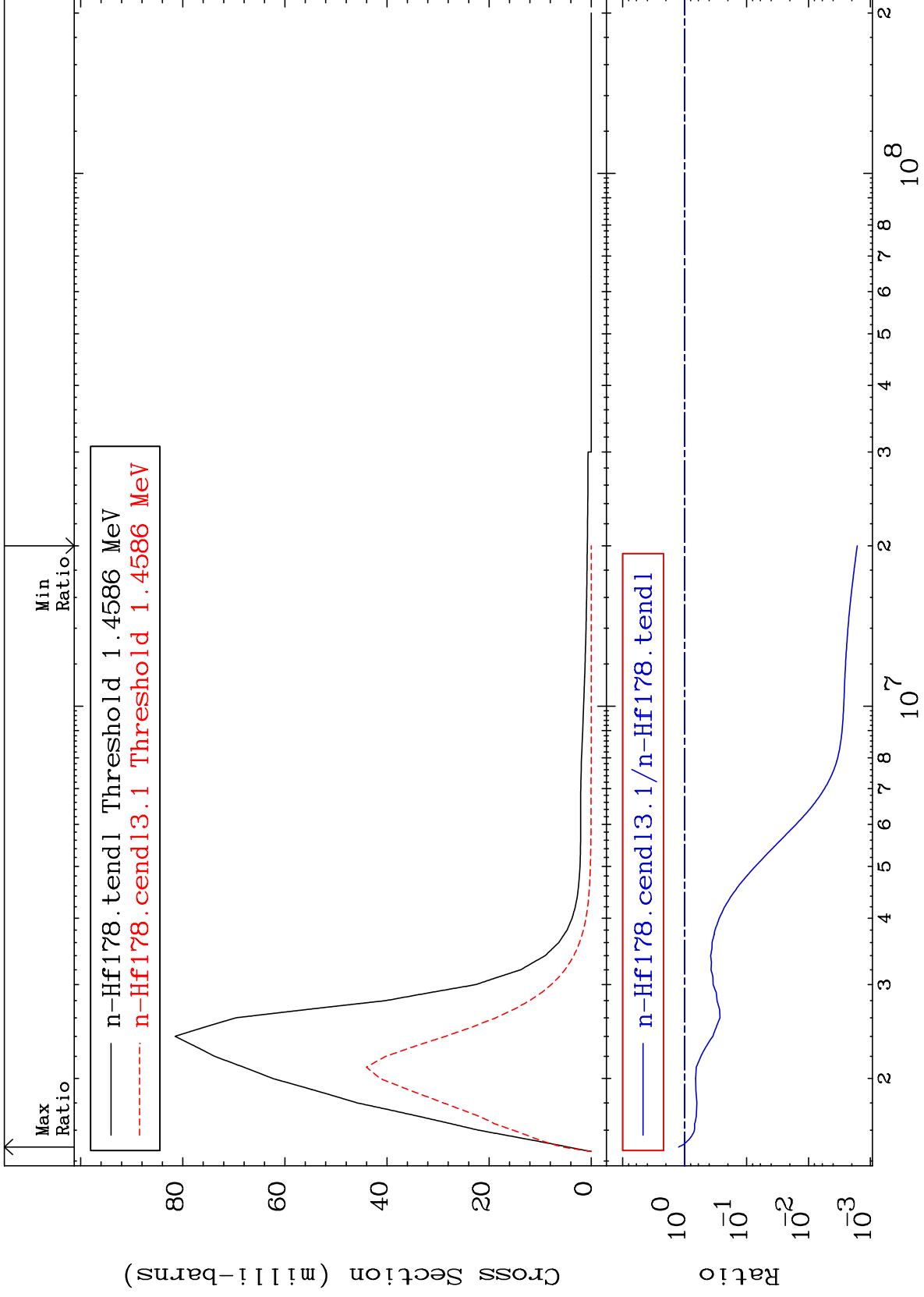


MAT 7237

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

72-Hf-178
-64.67 To 9999. %

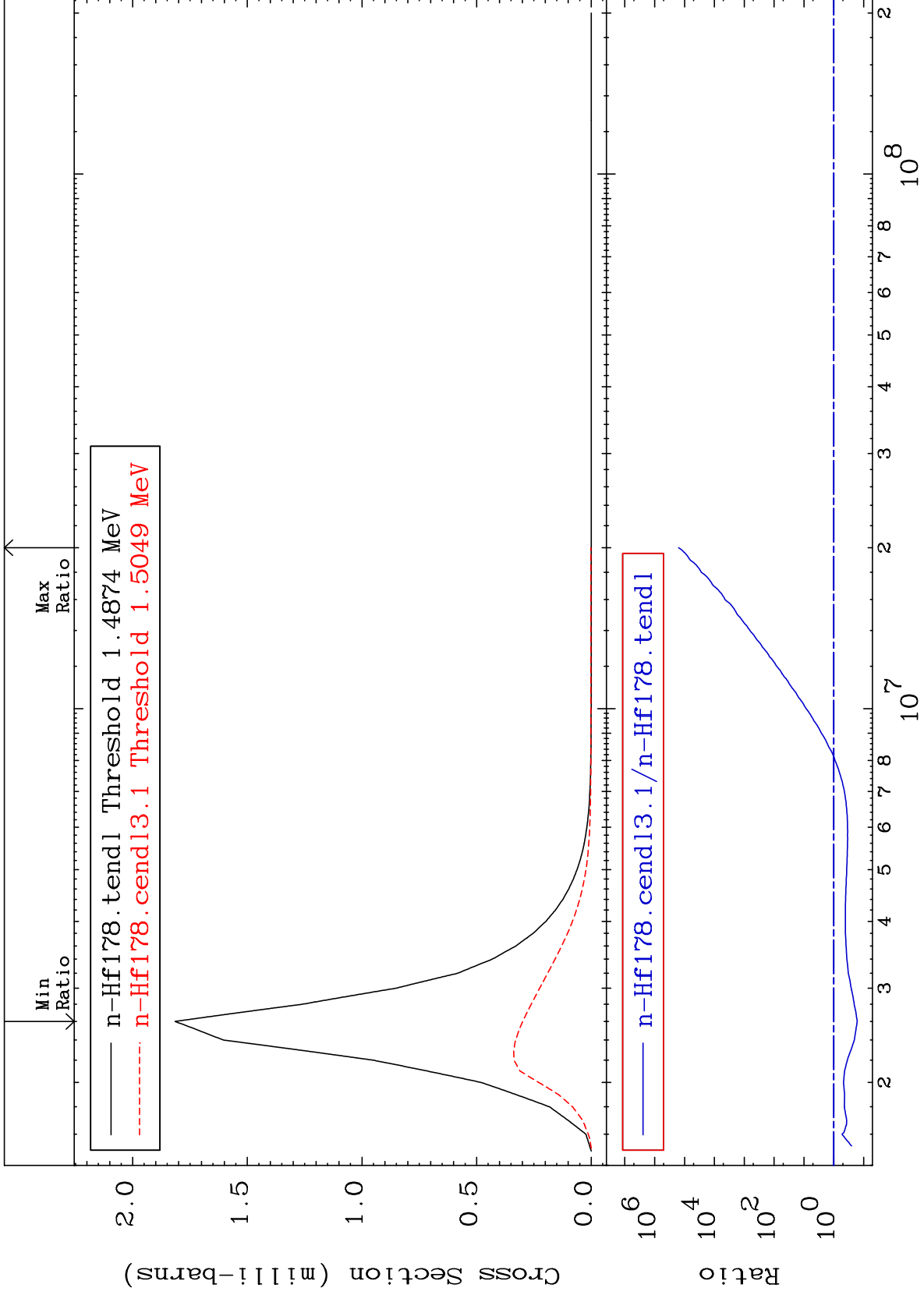




MAT 7237

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

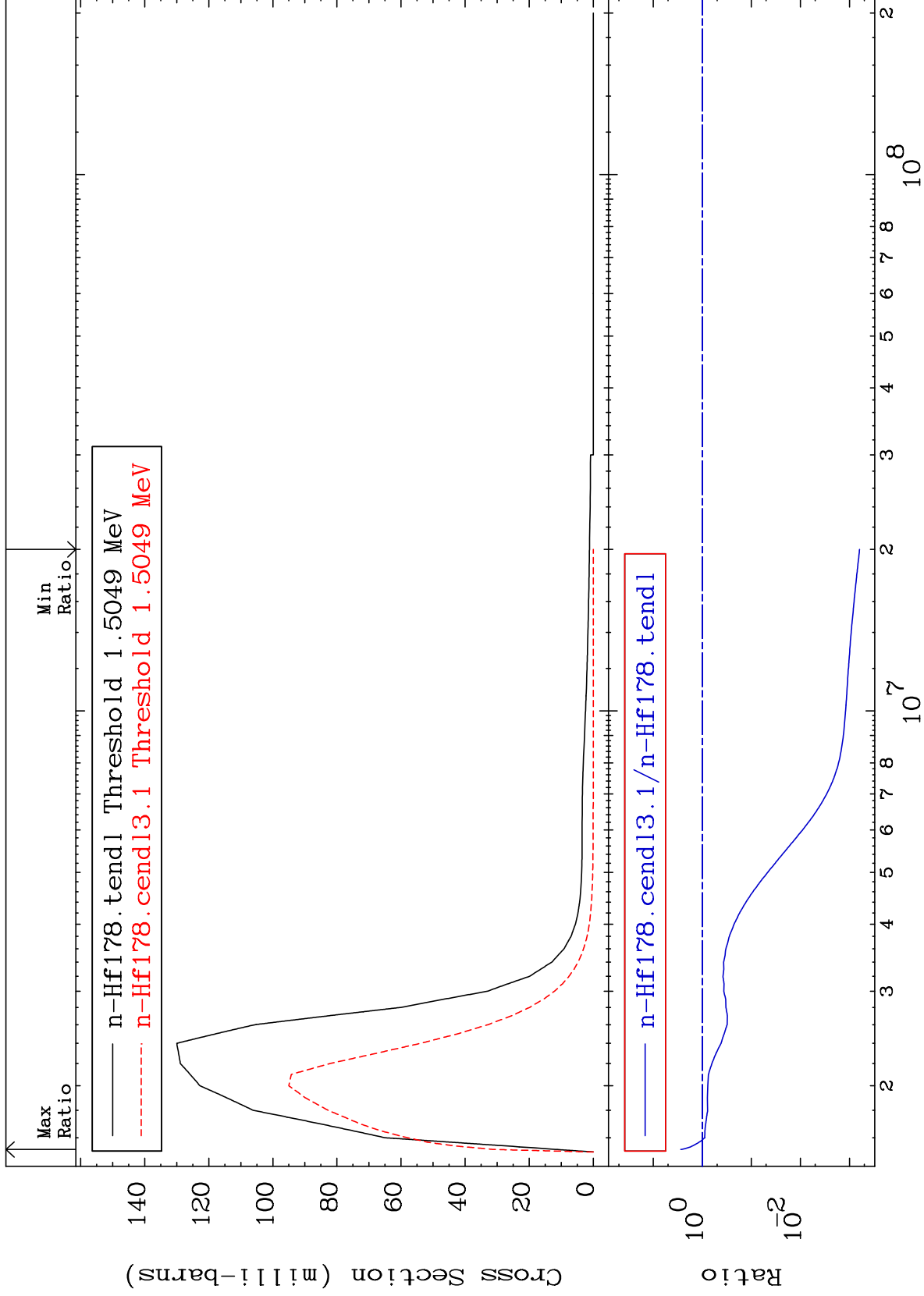
72-Hf-178
-83.55 To 9999. %



MAT 7237

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

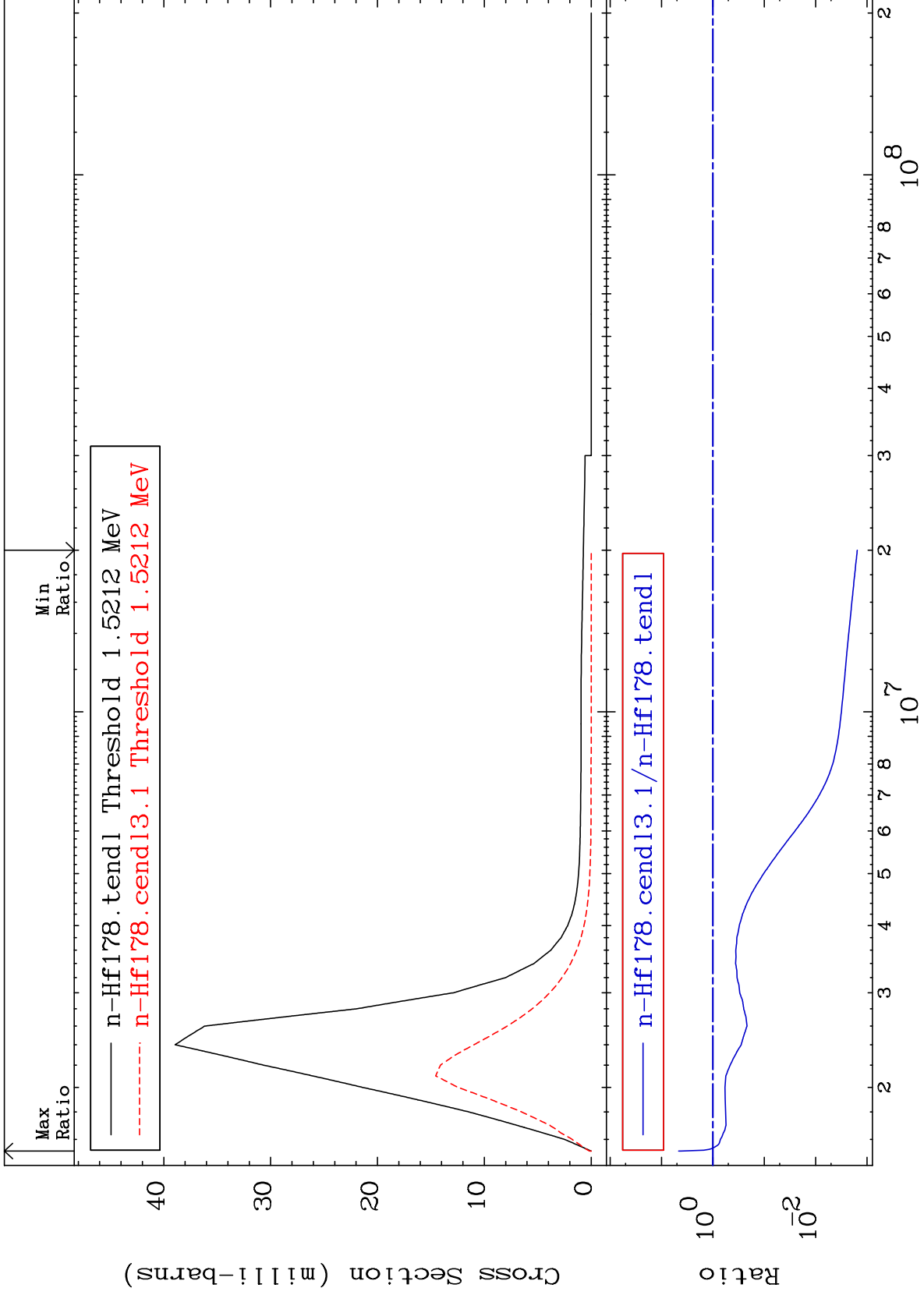
72-Hf-178
-99.94 To 174.8 %



MAT 7237

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

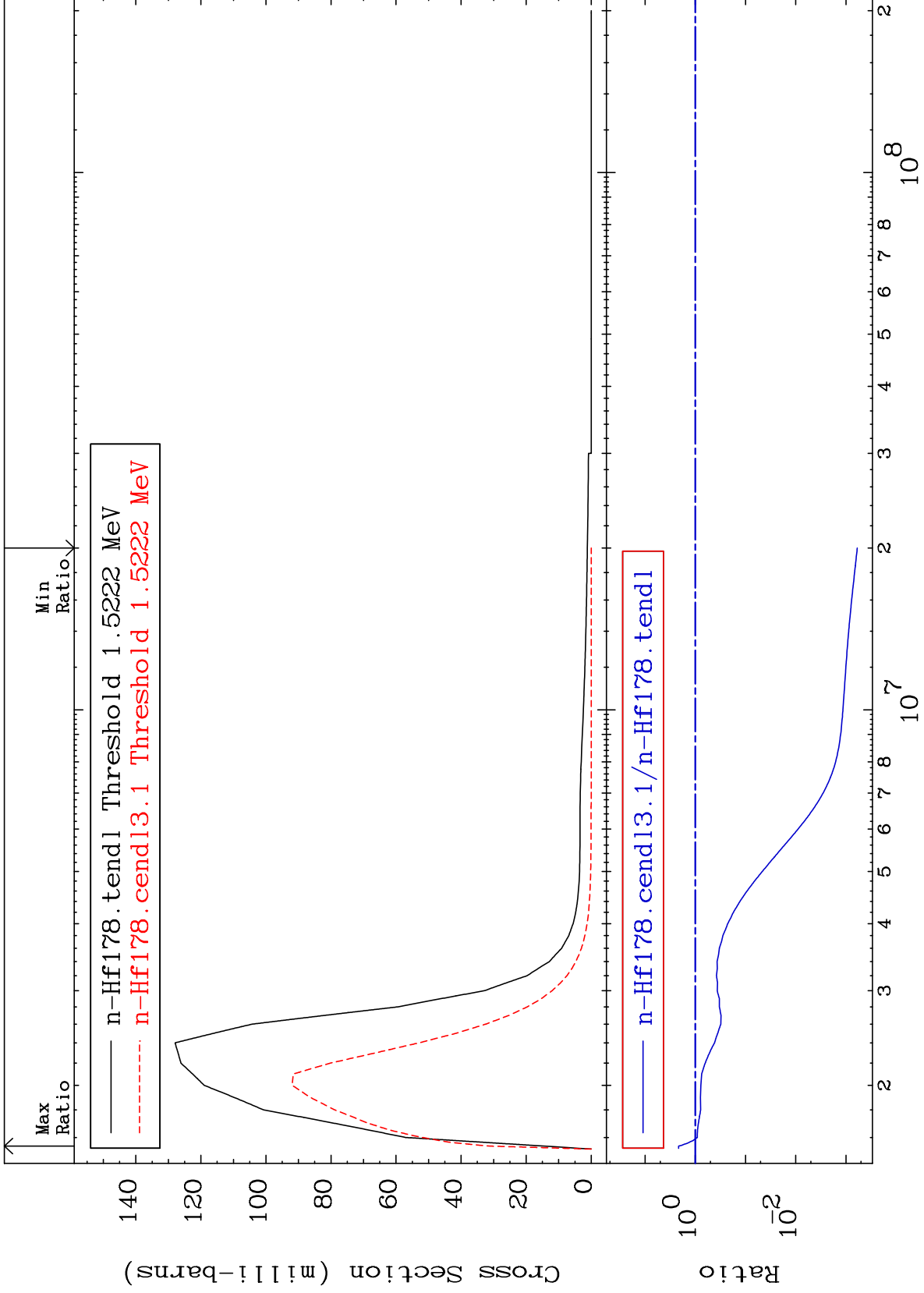
72-Hf-178
-99.85 To 364.6 %



MAT 7237

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

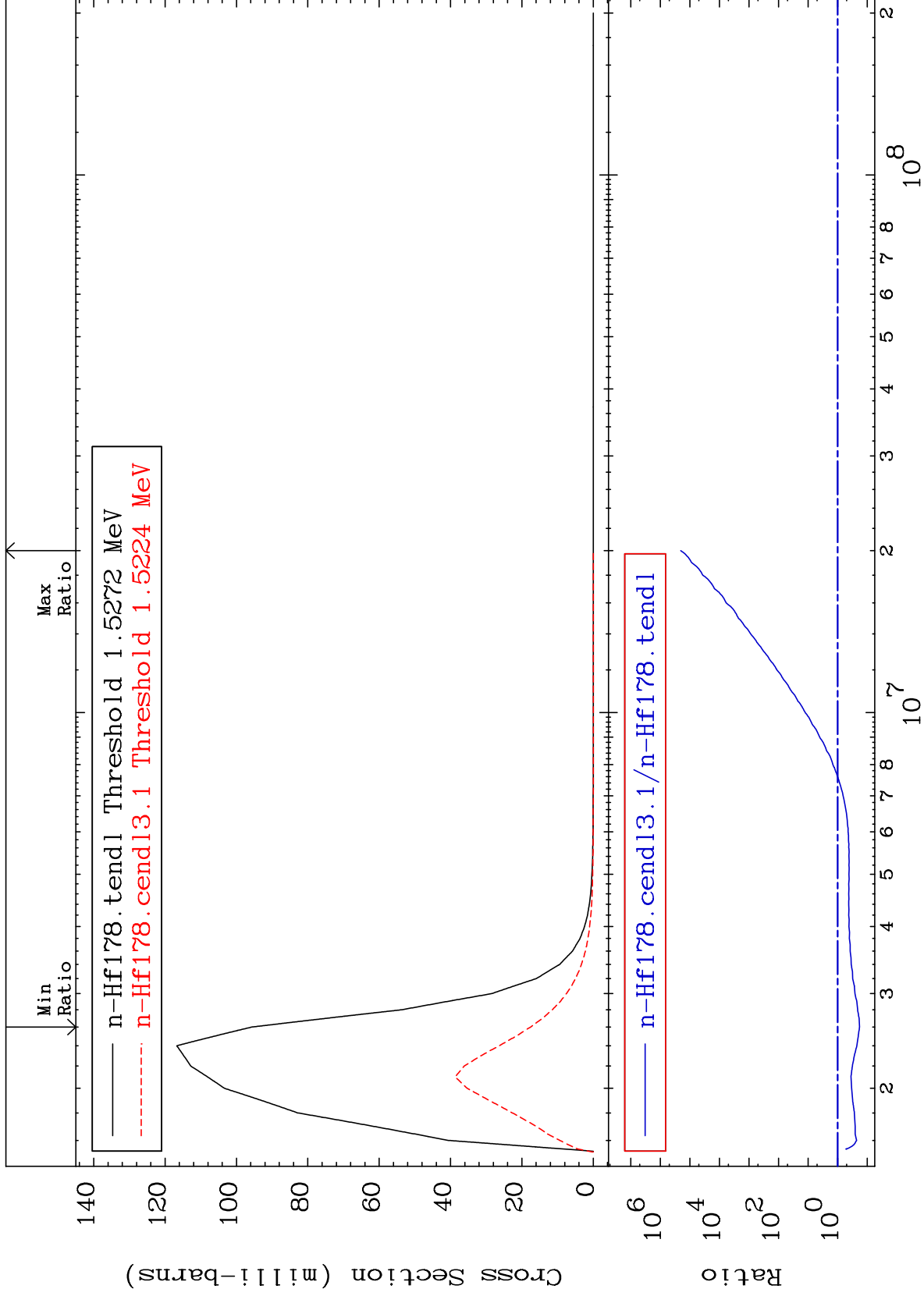
72-Hf-178
-99.94 To 114.7 %



MAT 7237

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

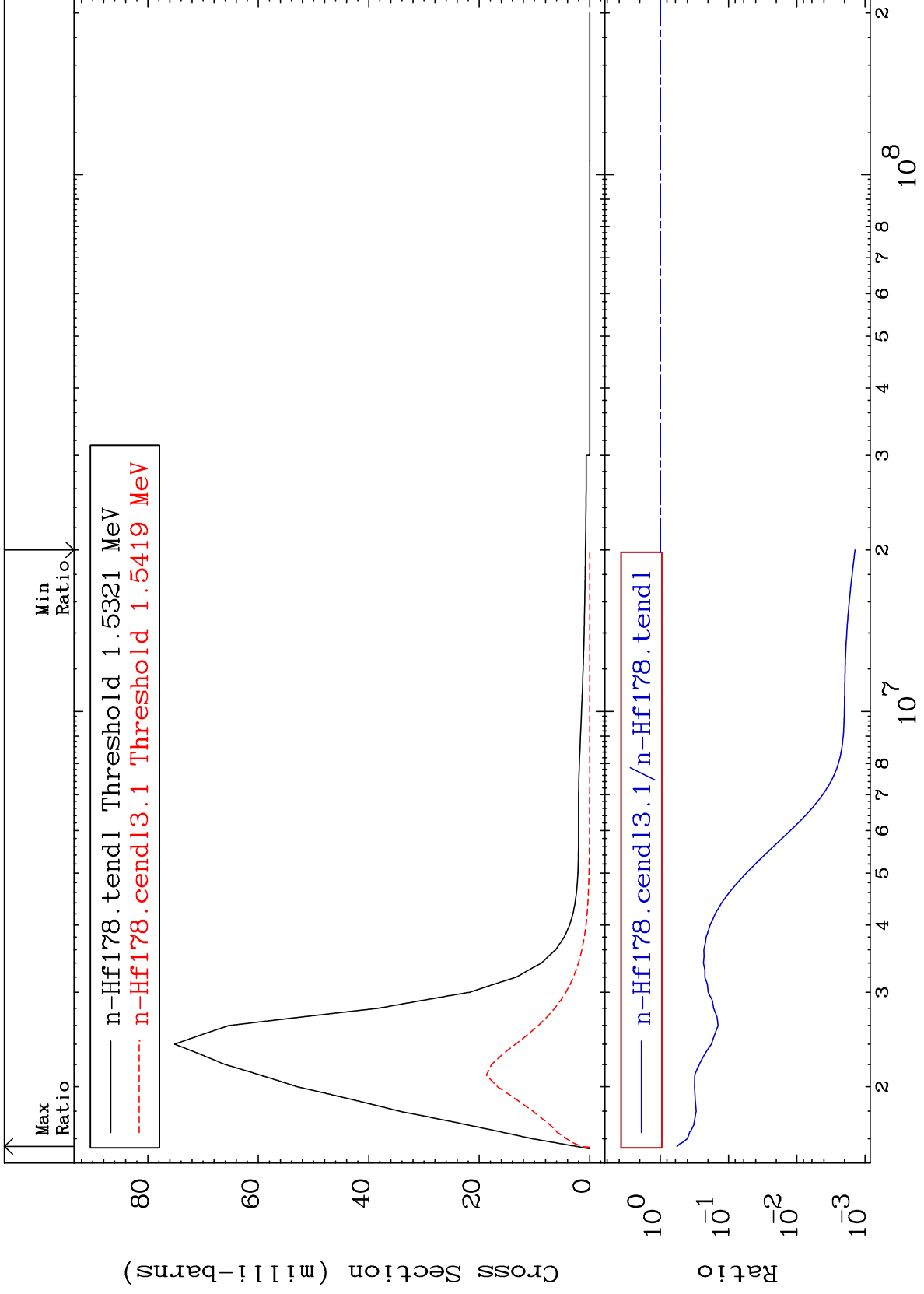
72-Hf-178
-81.65 To 9999. %



MAT 7237

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

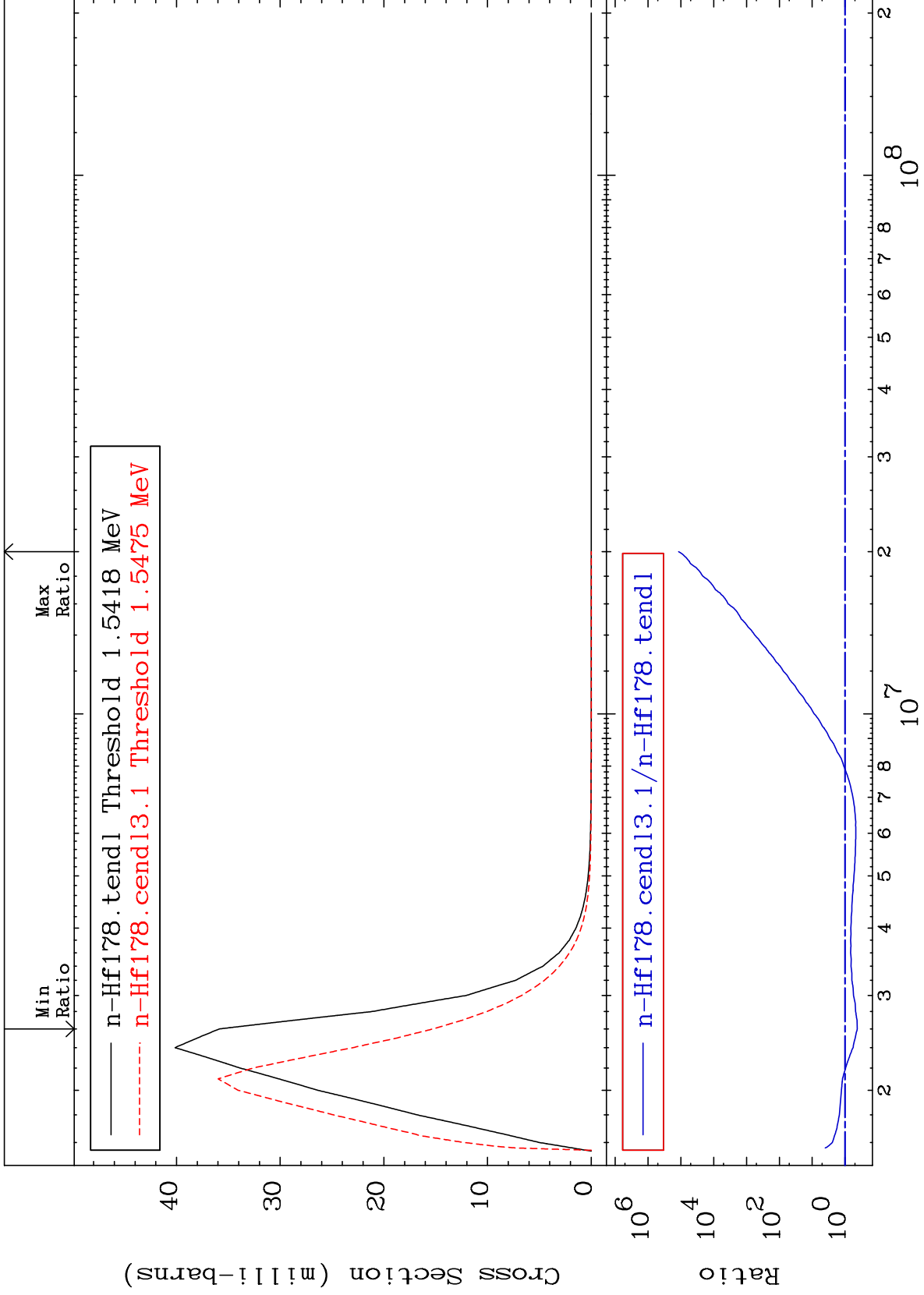
72-Hf-178
-99.86 To -42.85%

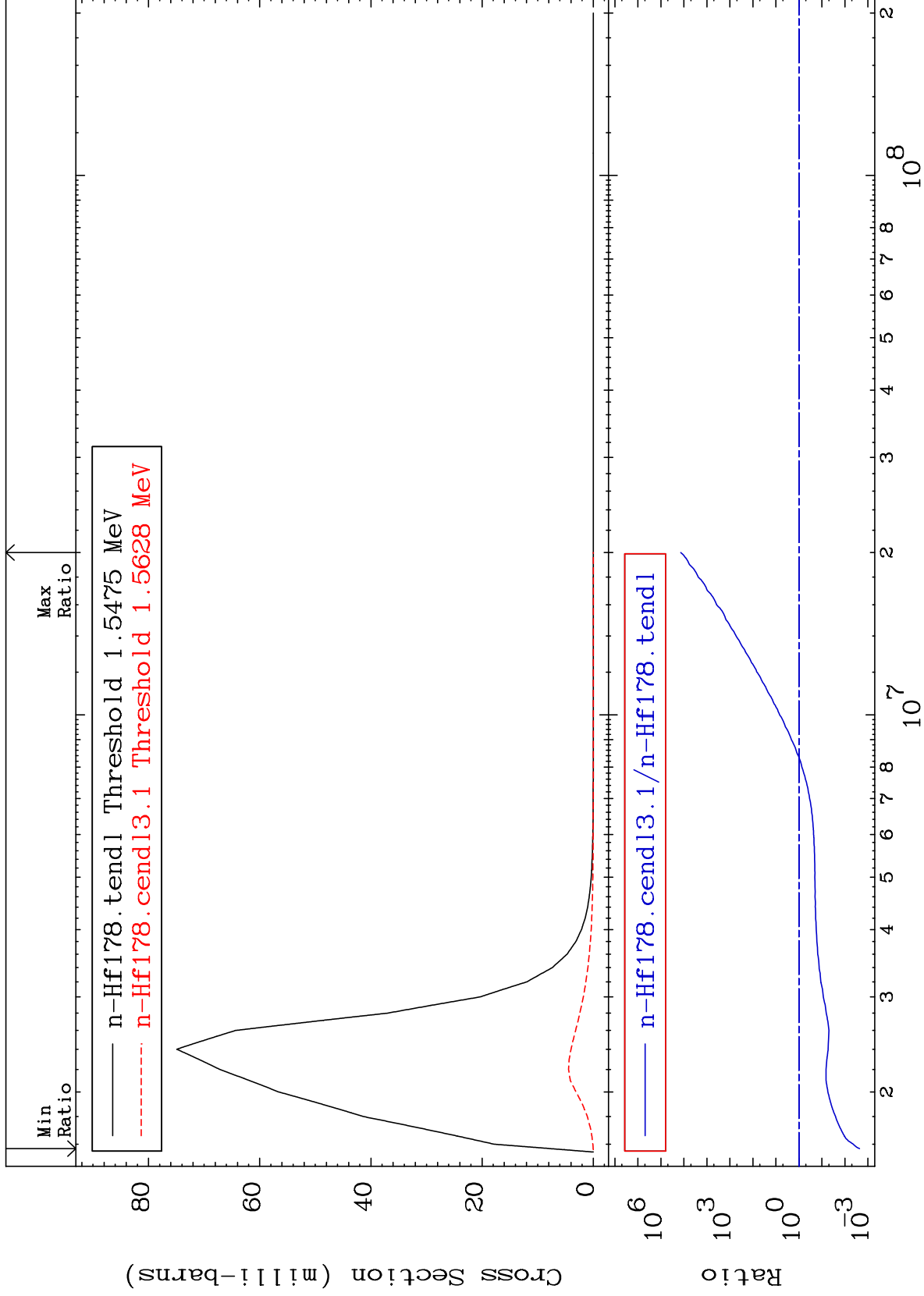


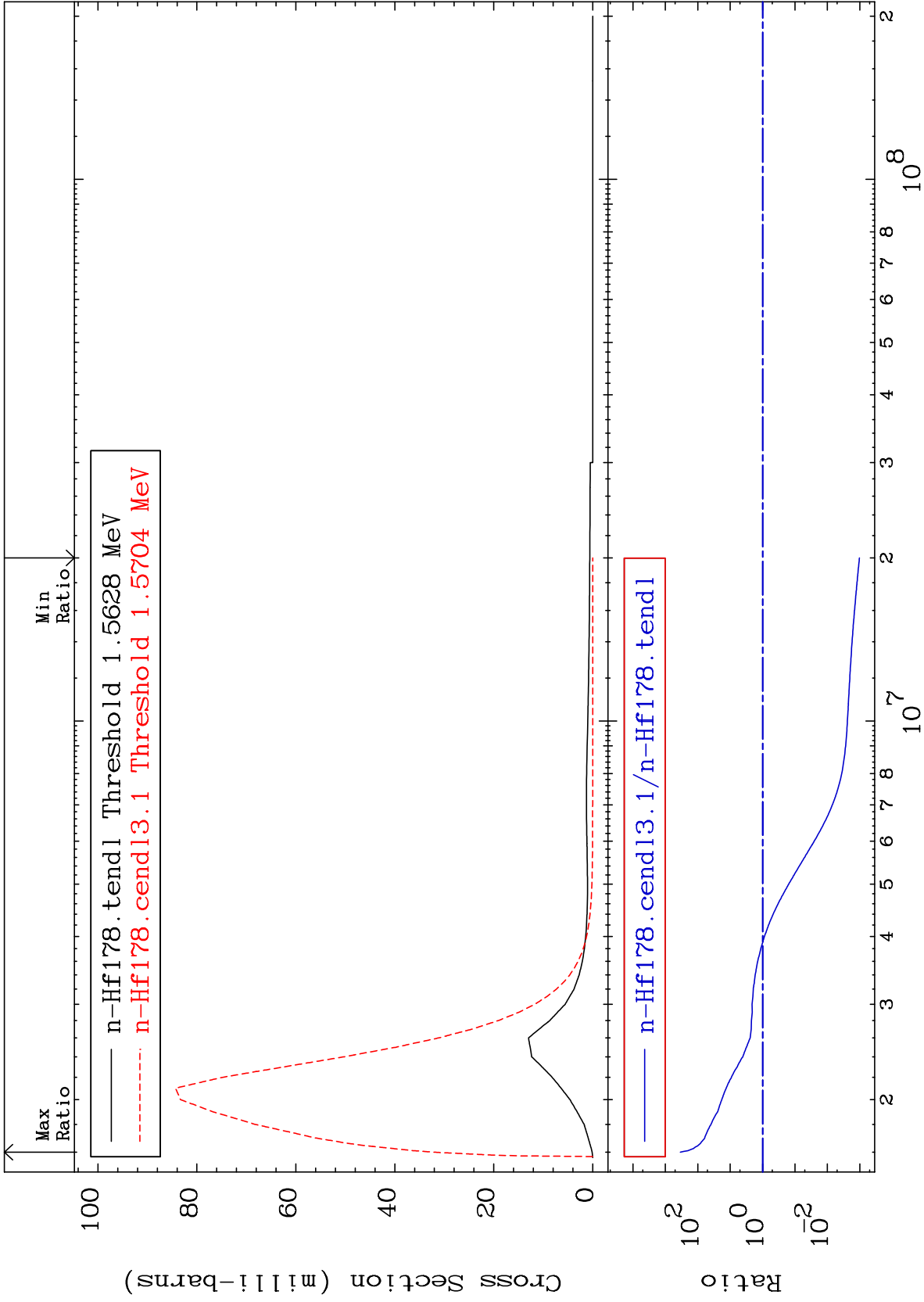
MAT 7237

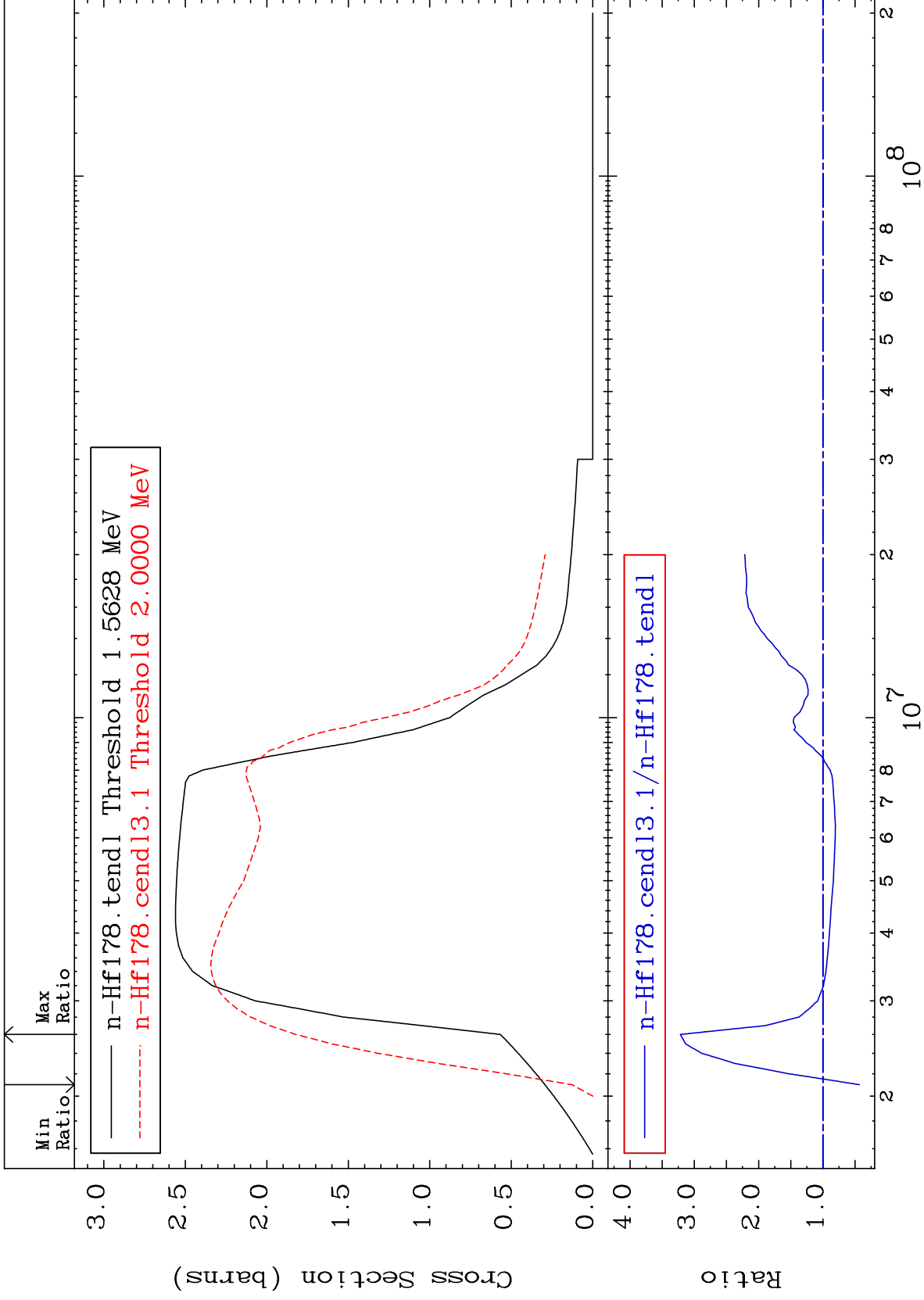
MT= 77 (n,n') Level
Cross Section

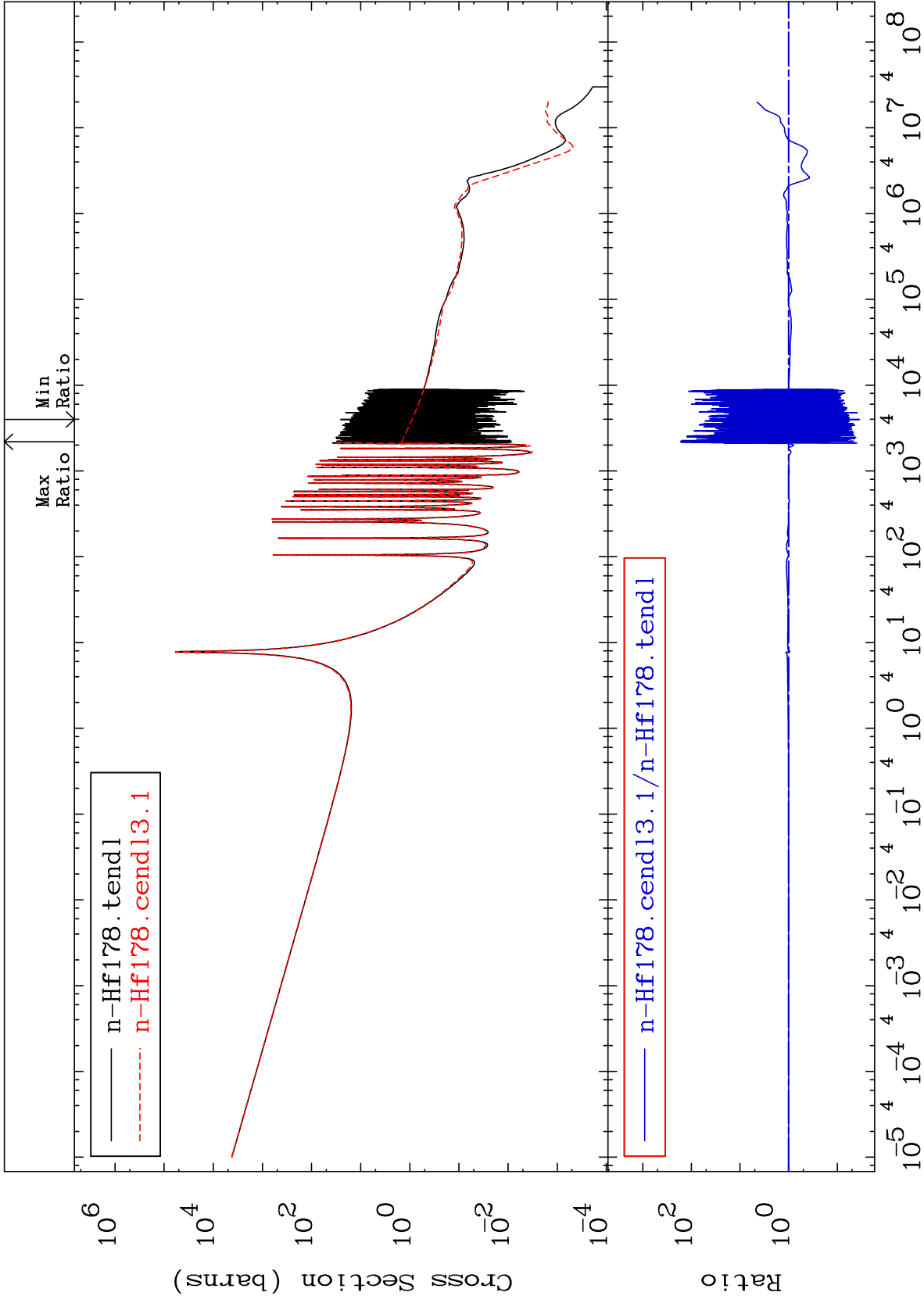
72-Hf-178
-57.48 To 9999. %

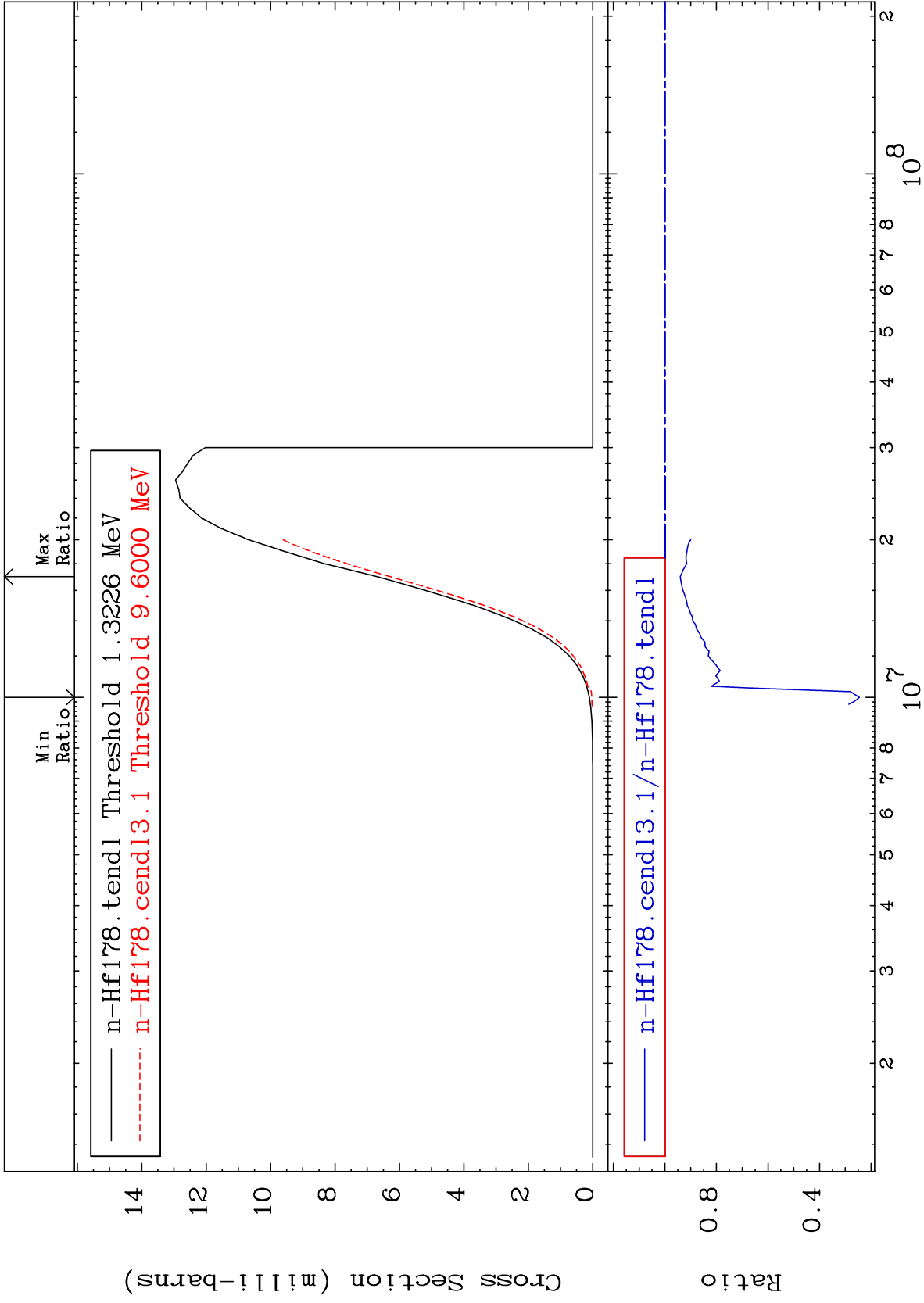












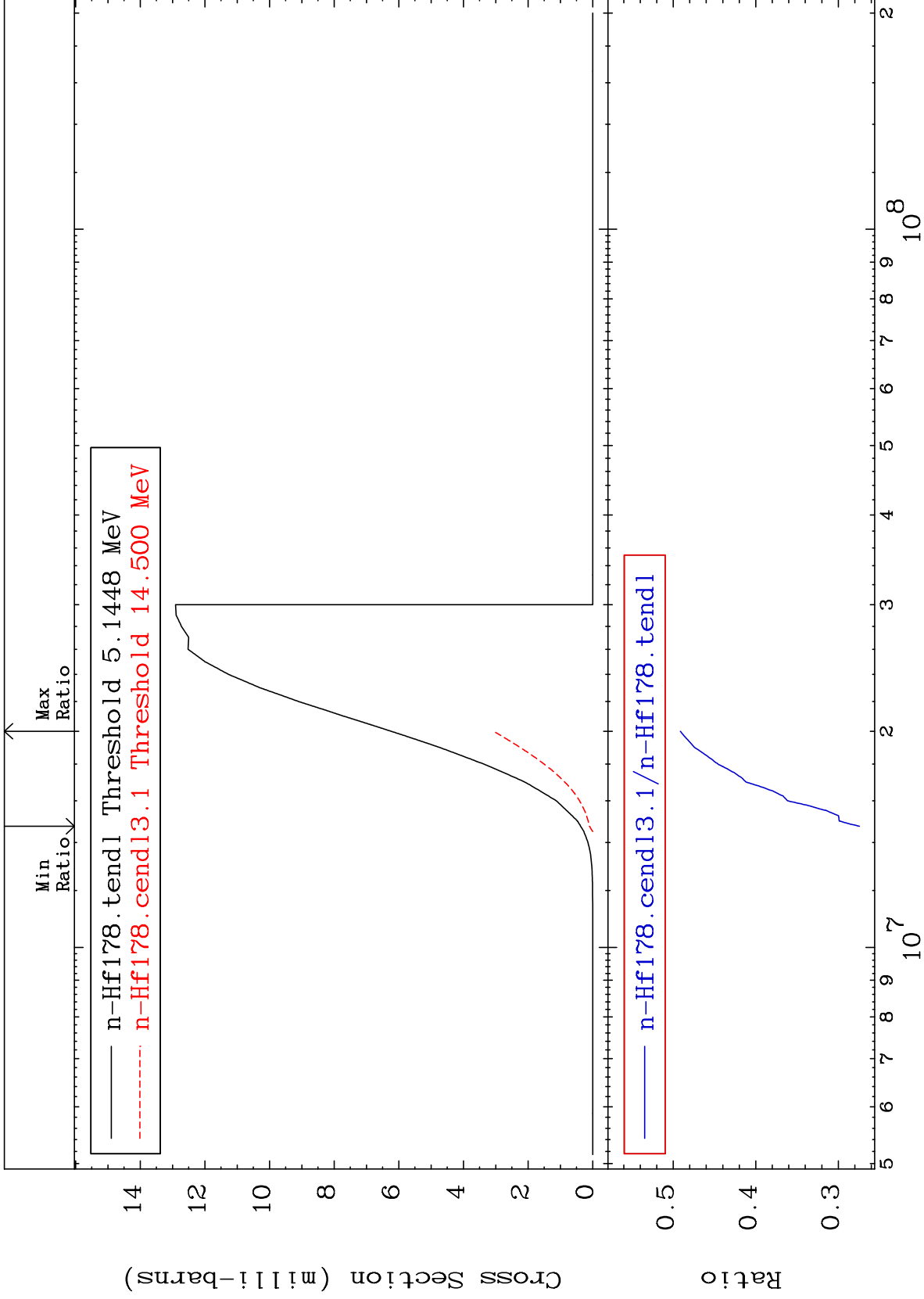
MAT 7237

(n, d)

72-Hf-178

Cross Section

-72.56 To -50.86%



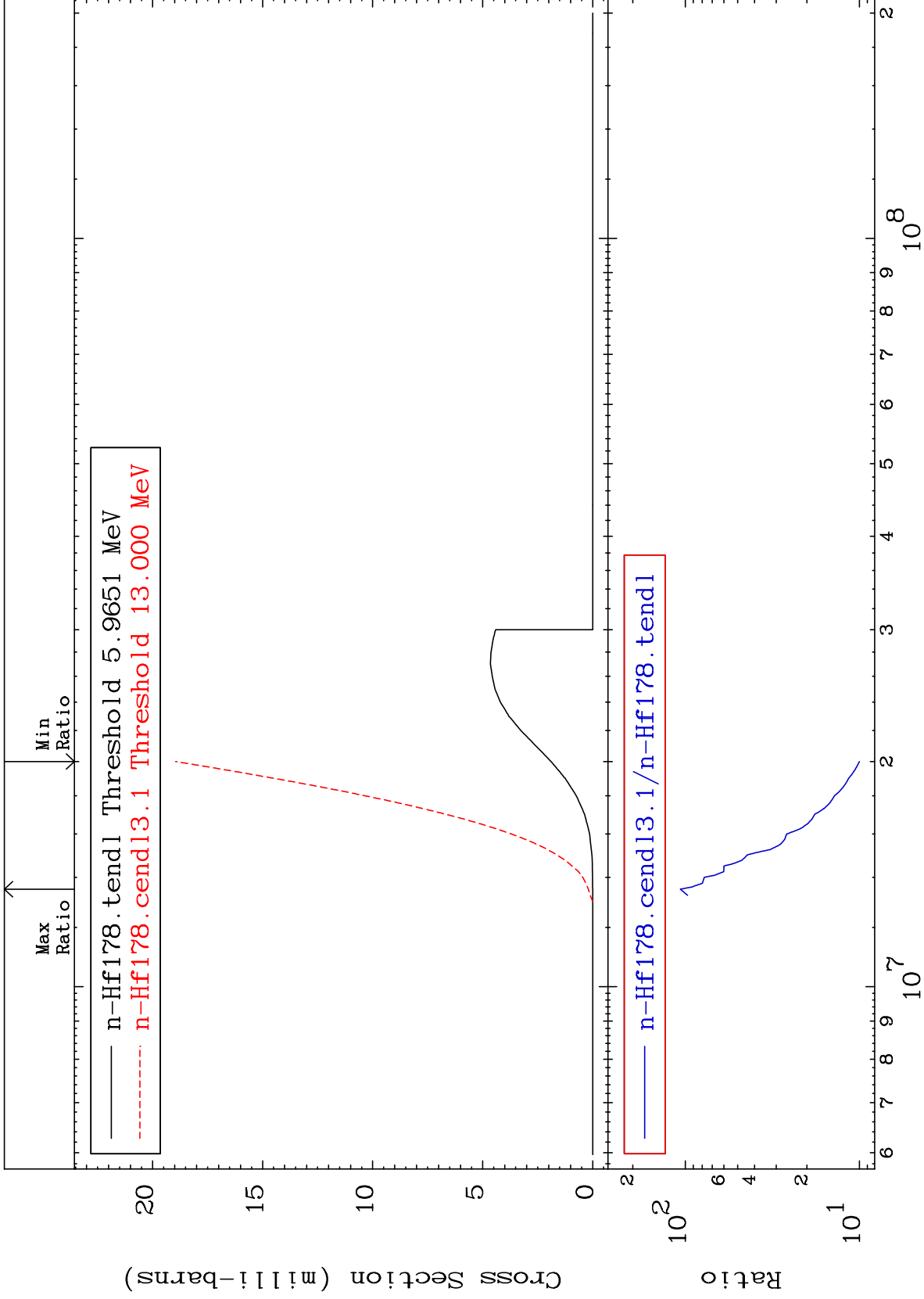
40

Incident Energy (eV)

72-Hf-178

Cross Section

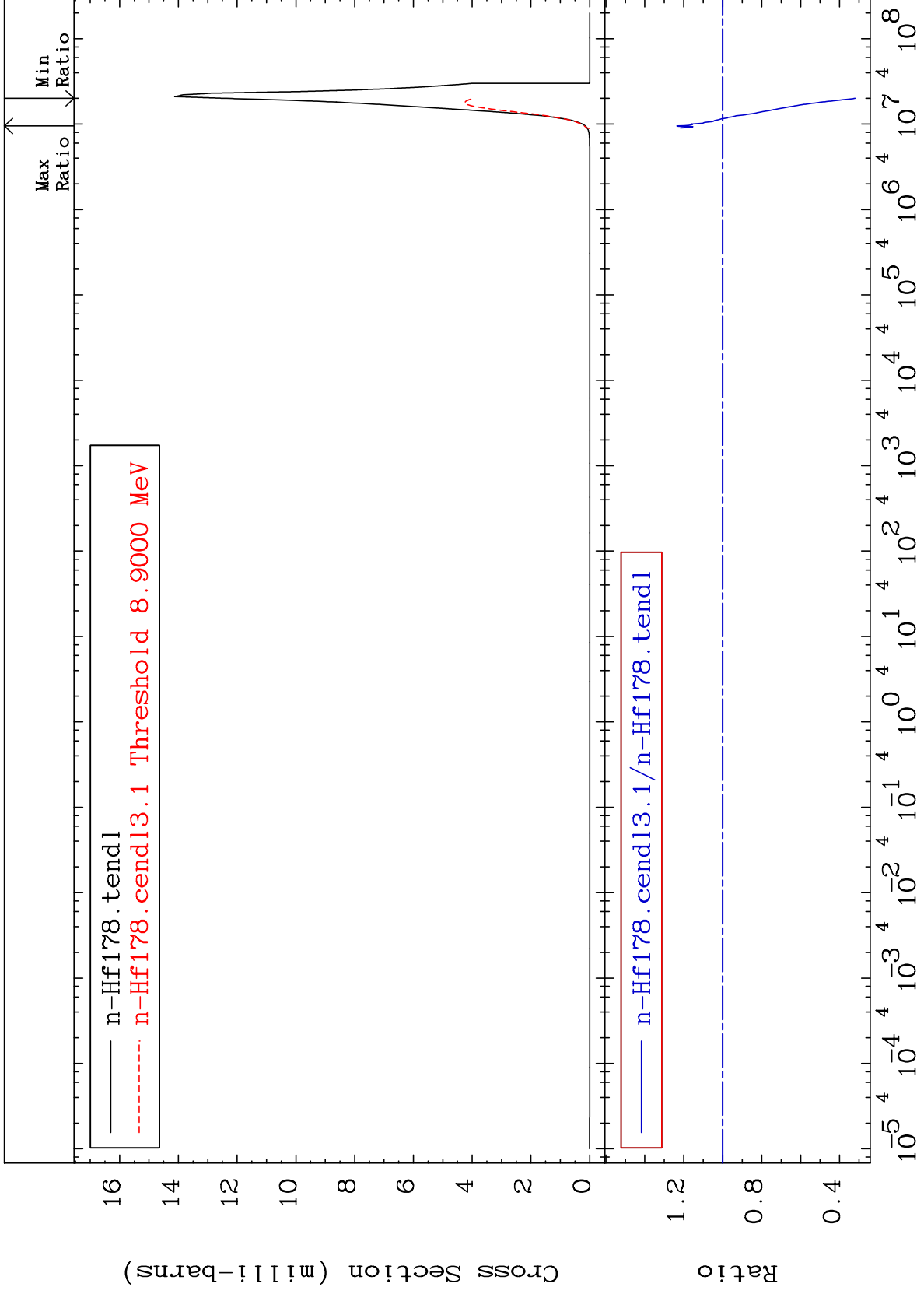
899.6 To 9999. %



MAT 7237

(n, α)
Cross Section

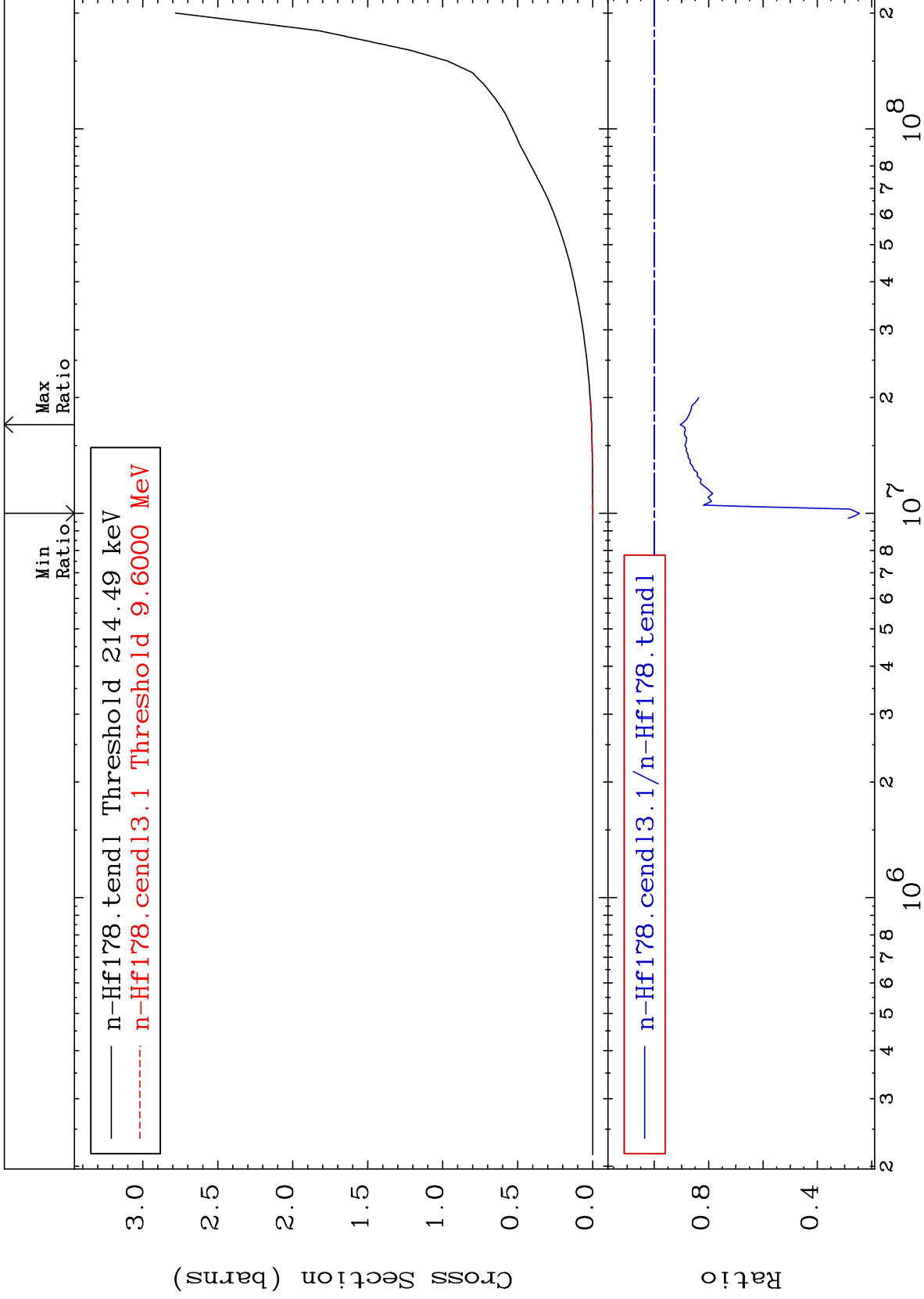
72-Hf-178
-67.95 To 23.52 %

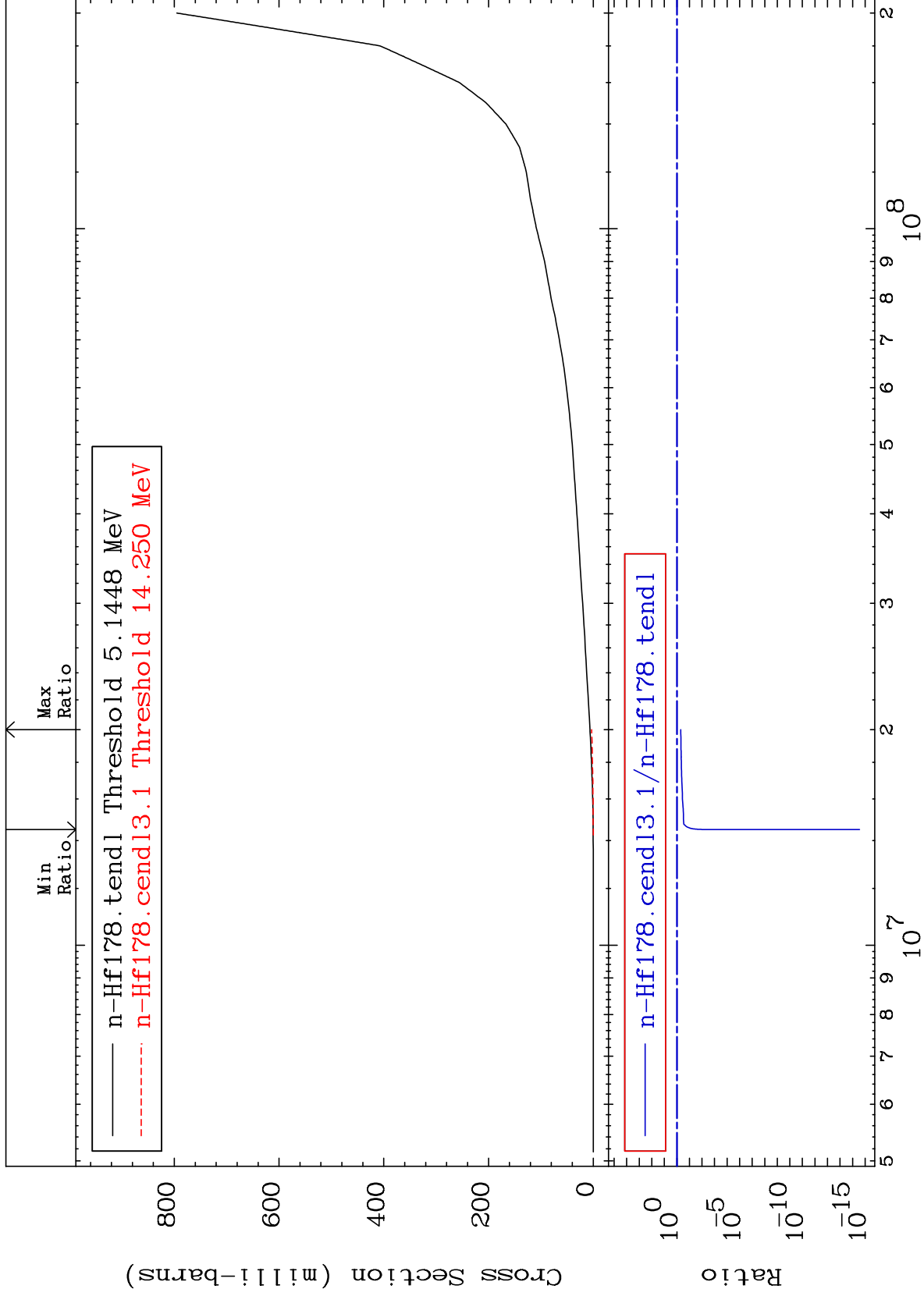


Incident Energy (eV)

42

72-Hf-178

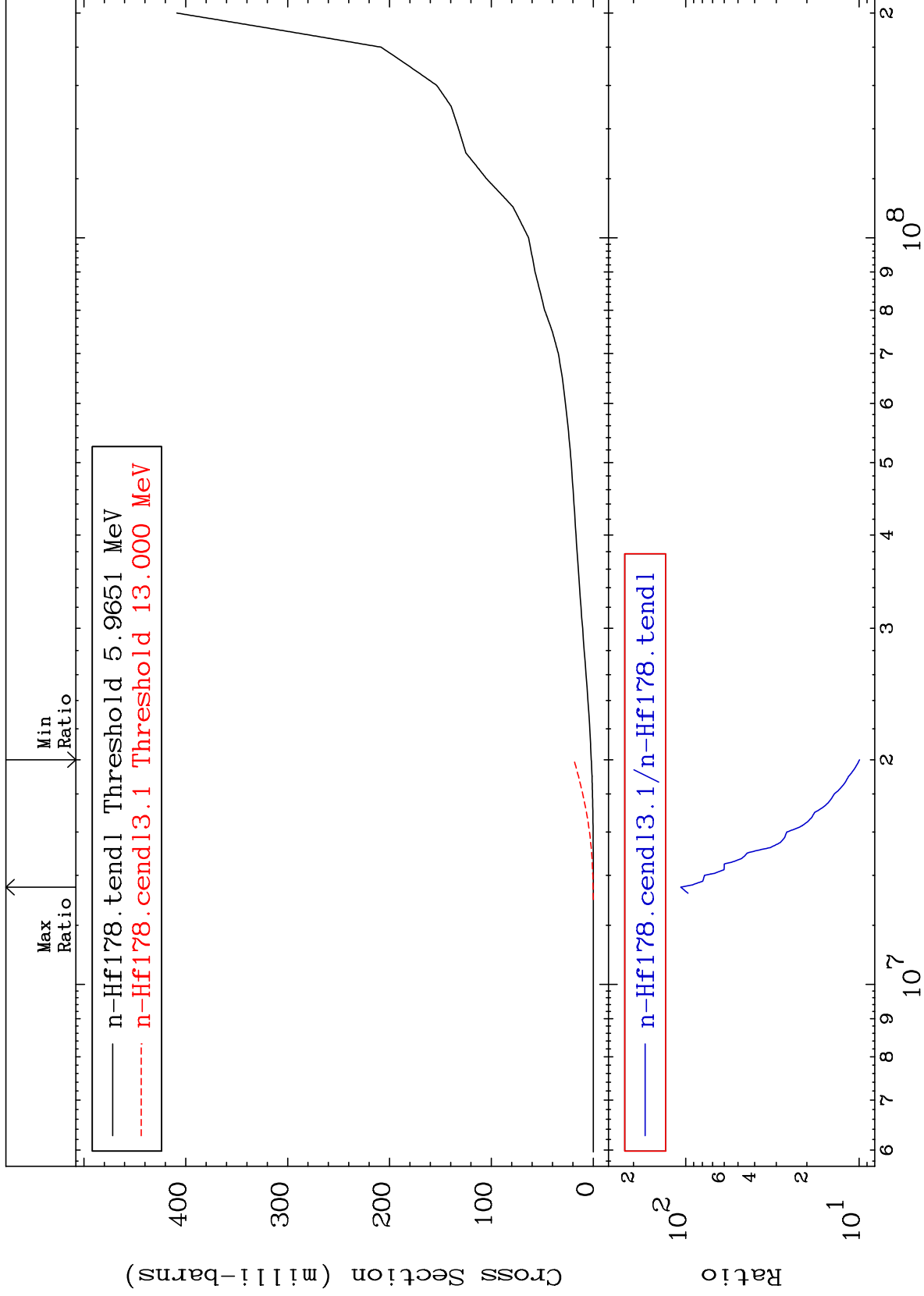


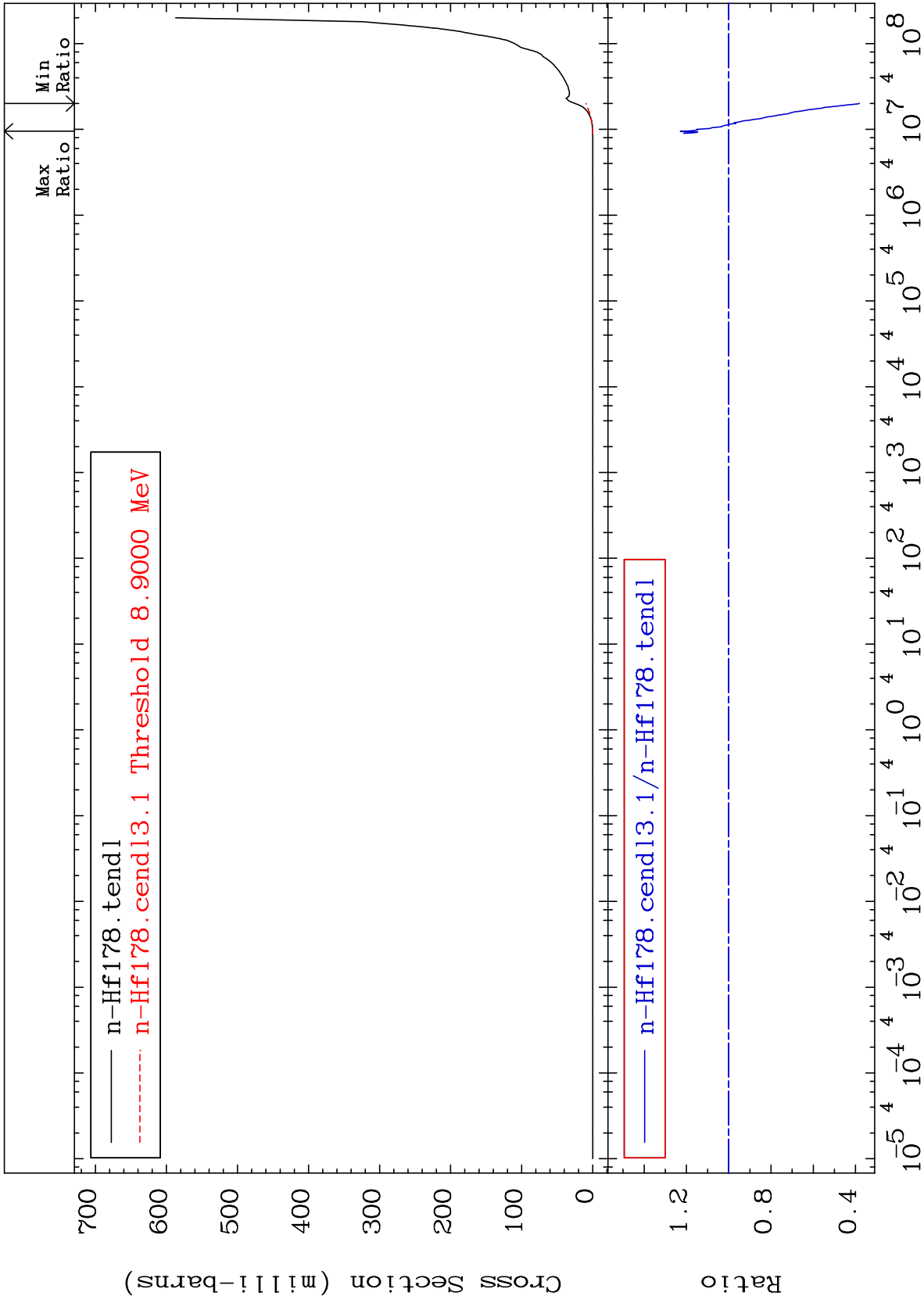


MAT 7237

Tritium Production
Cross Section

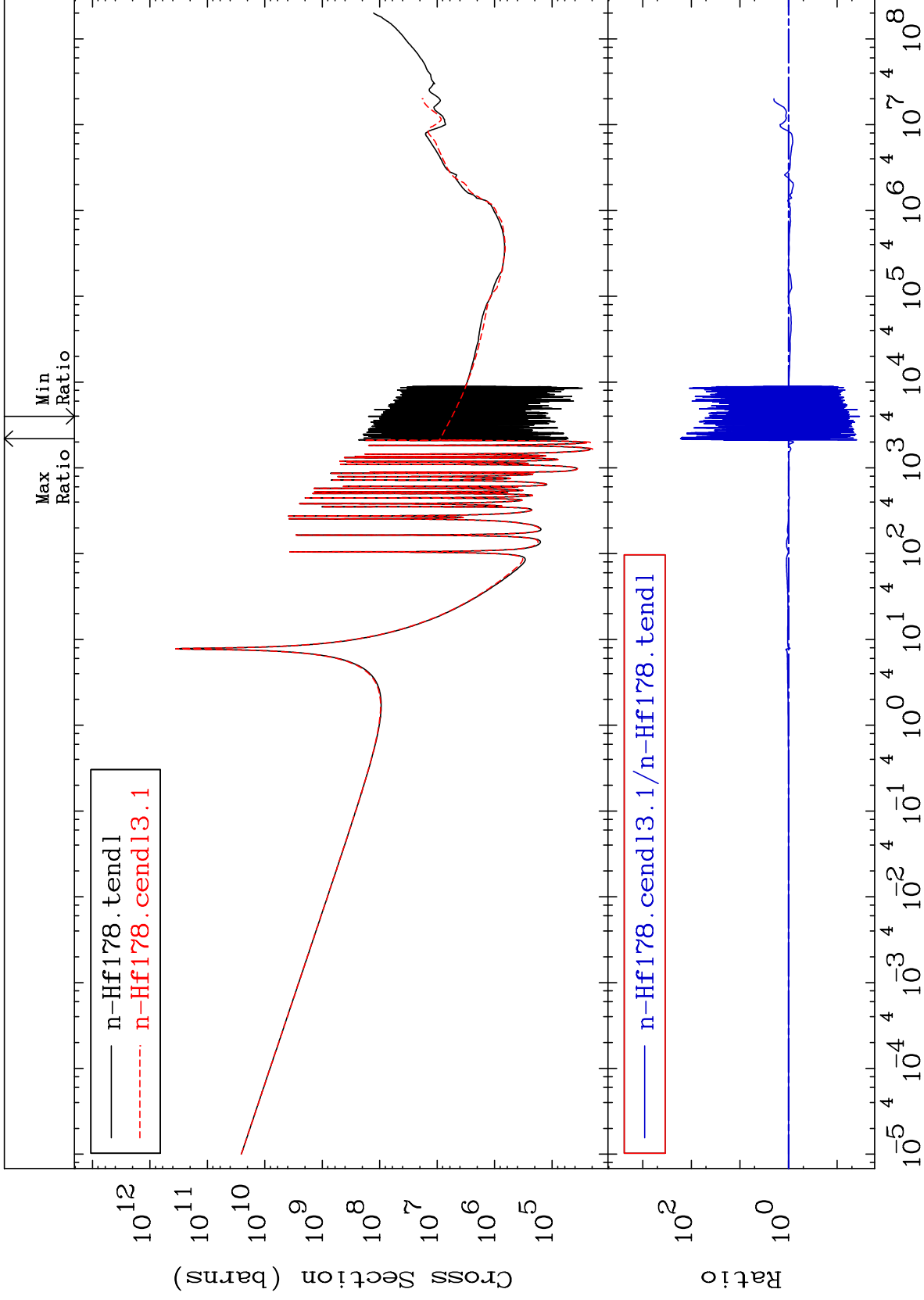
72-Hf-178
895.0 To 9999. %

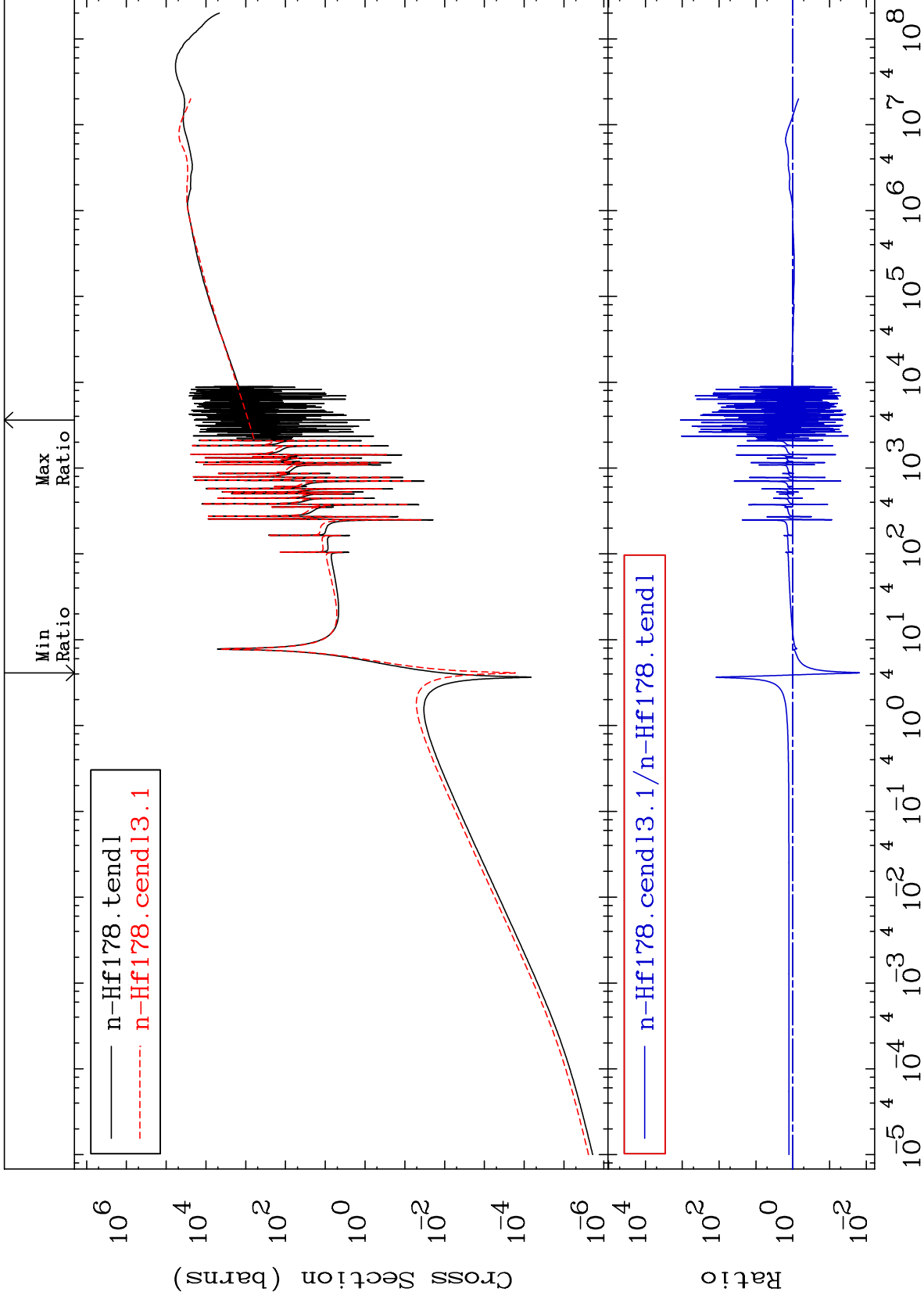


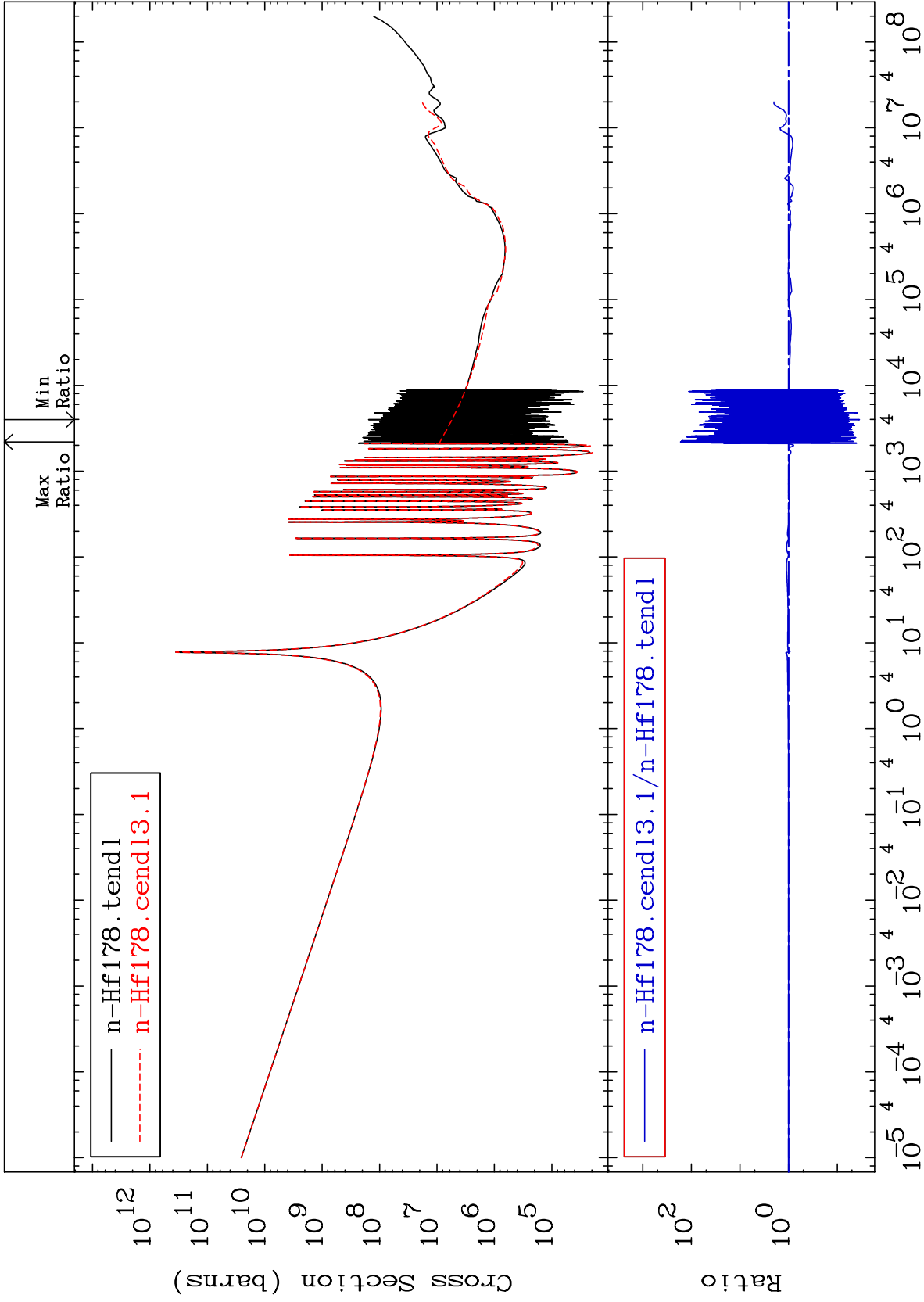


Cross Section

-96.51 To 9999. %



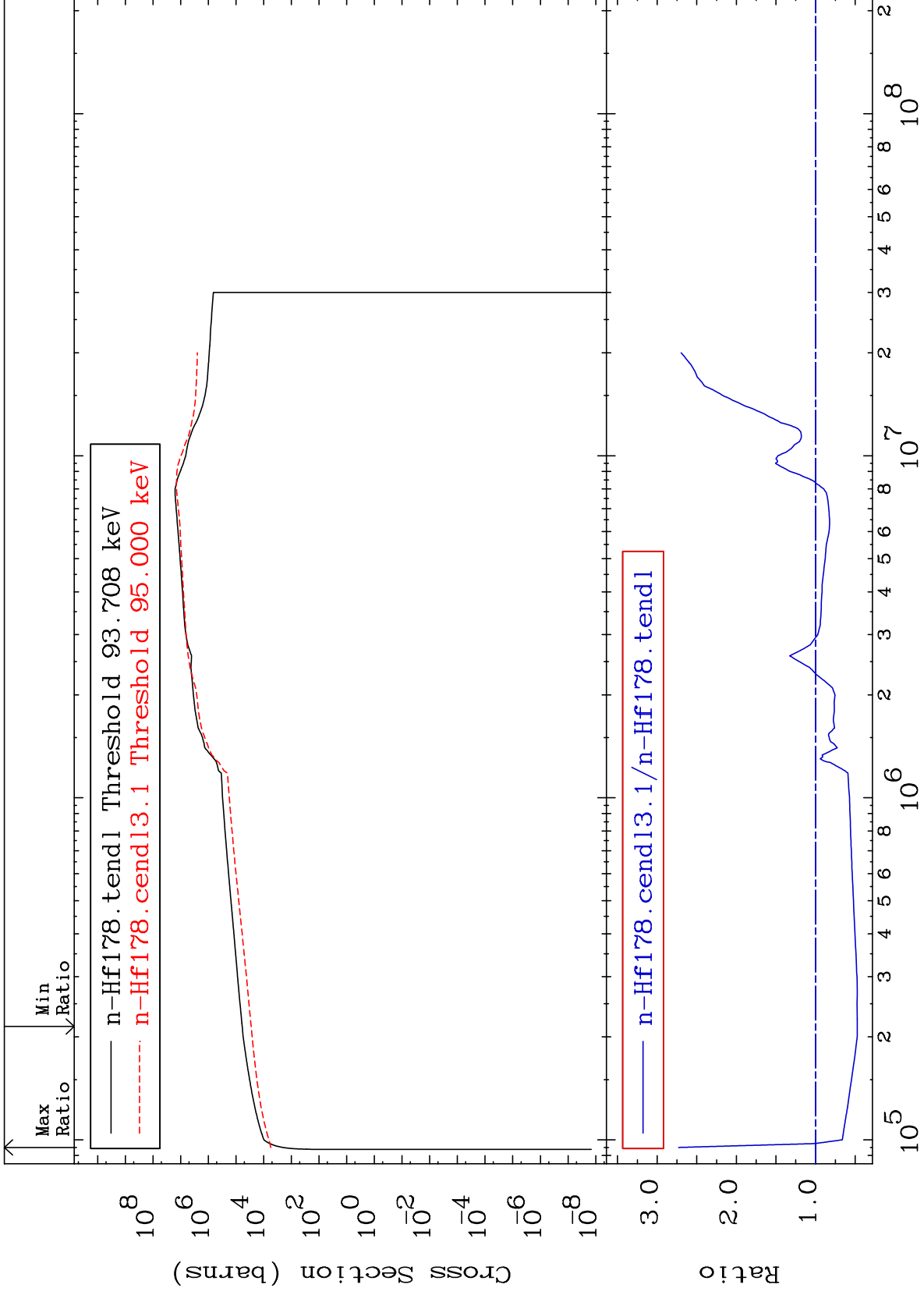




MAT 7237

Kerma inelastic (mt51-91)
Cross Section

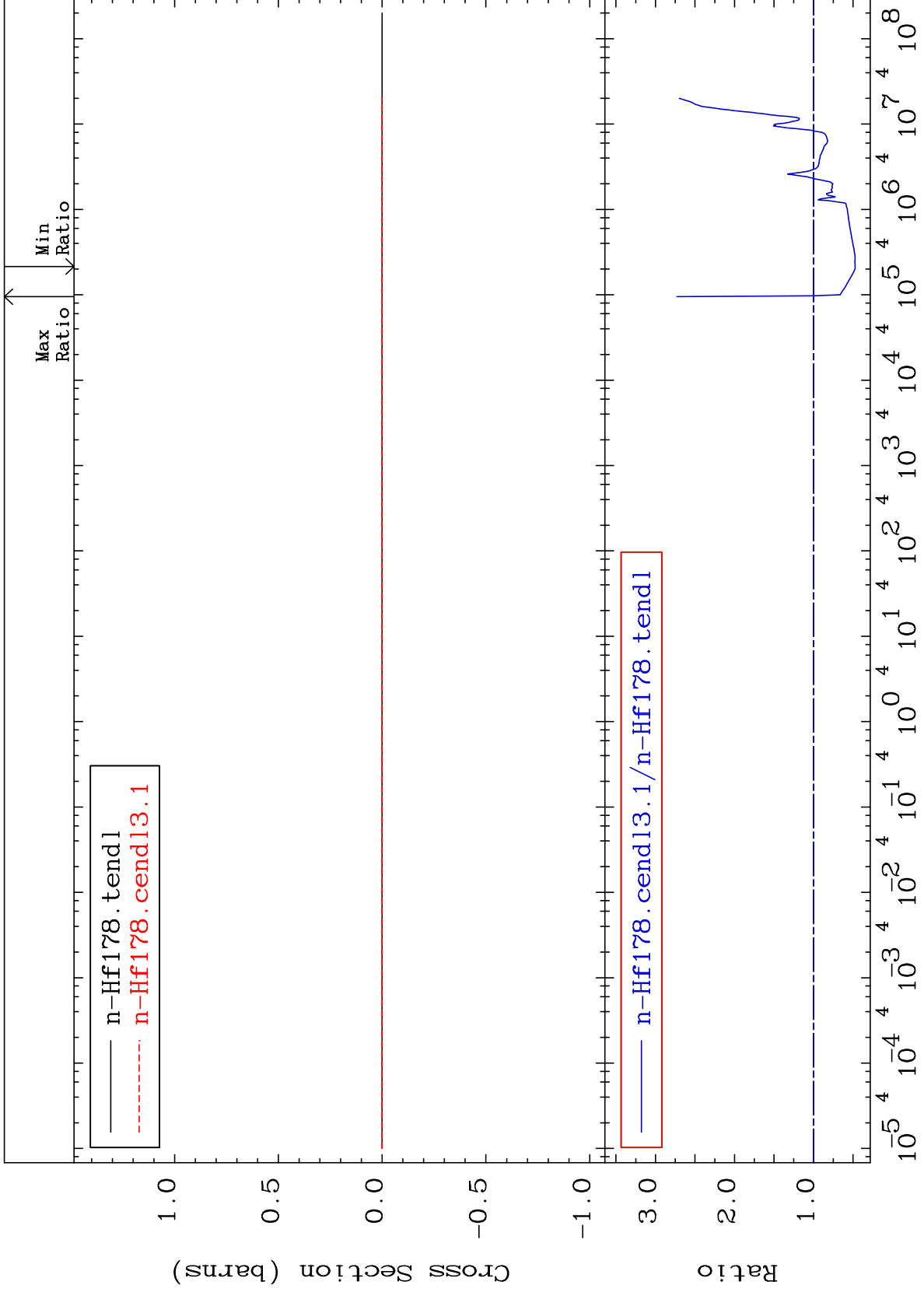
72-Hf-178
-52.60 To 172.9 %



MAT 7237

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

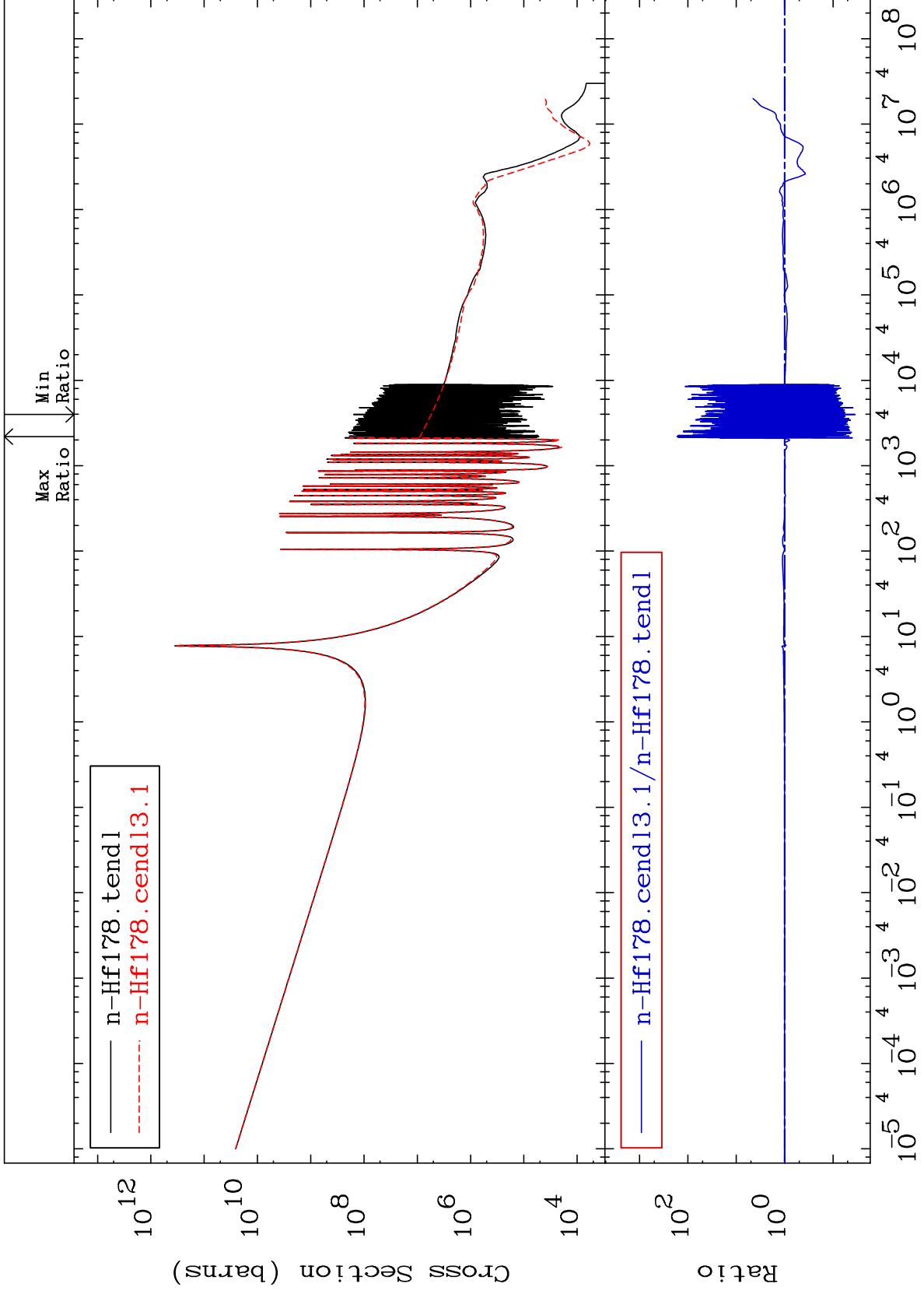
72-Hf-178
-52.60 To 172.9 %



MAT 7237

Kerma capture (mt102)
Cross Section

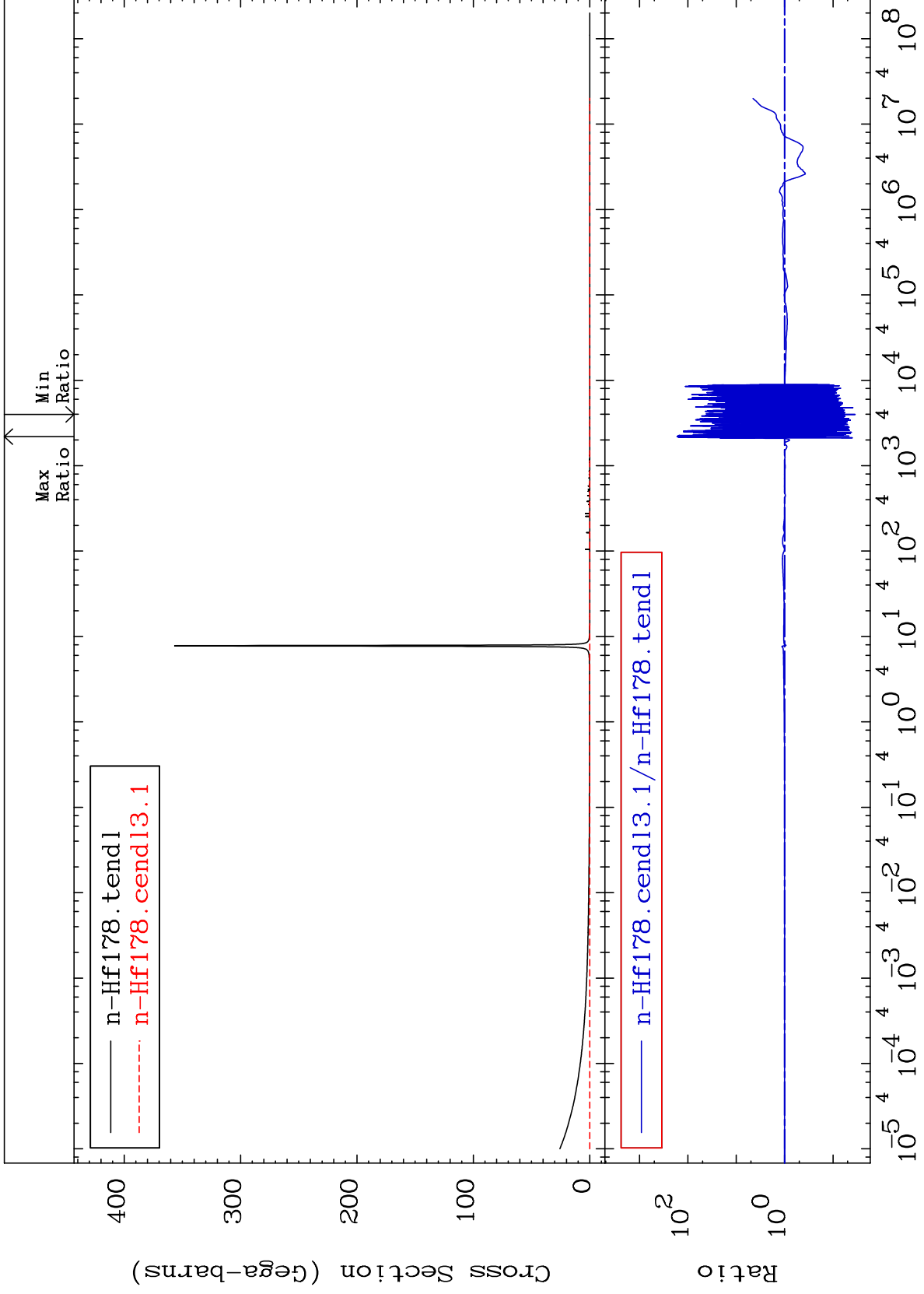
72-Hf-178
-96.51 To 9999. %

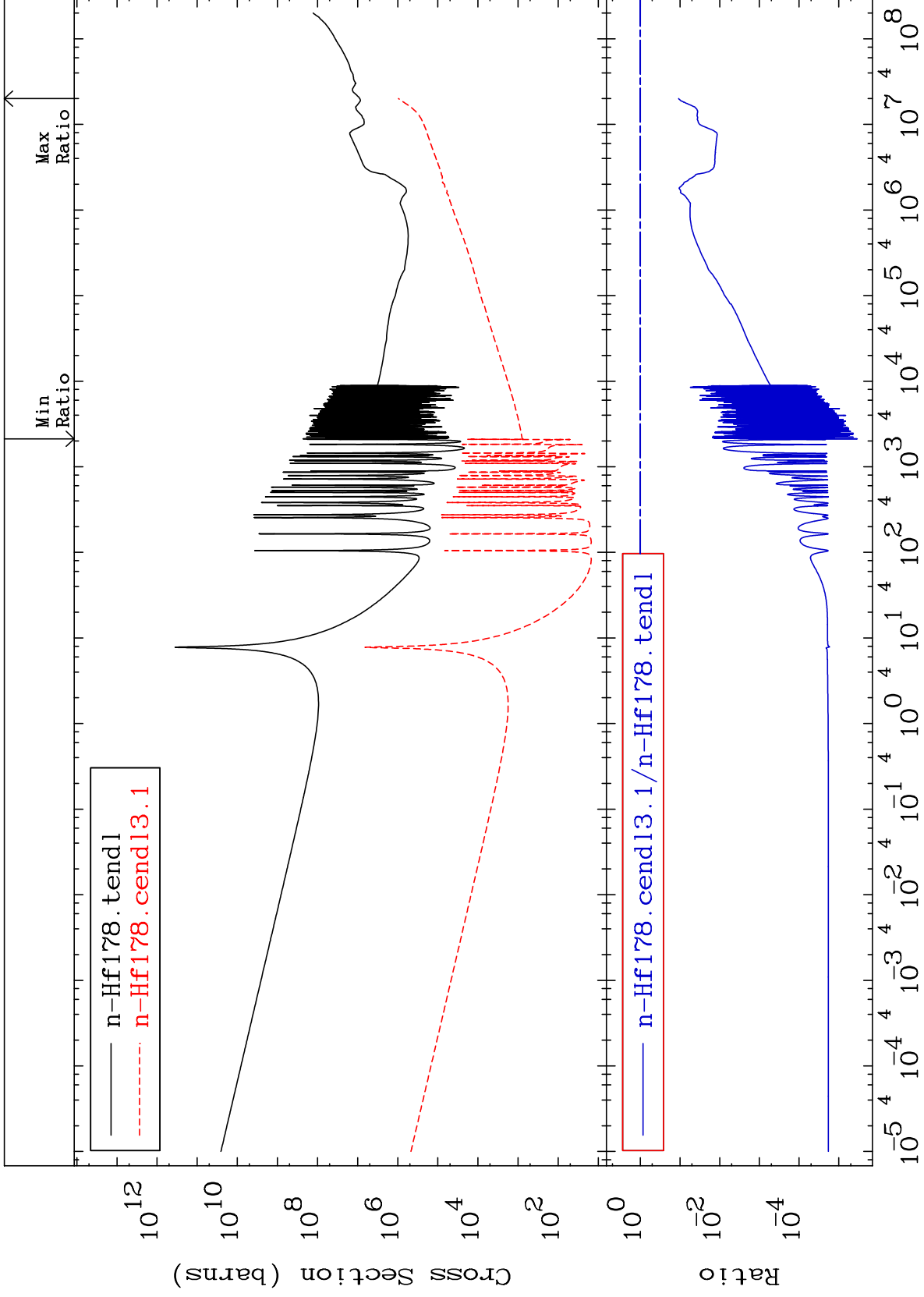


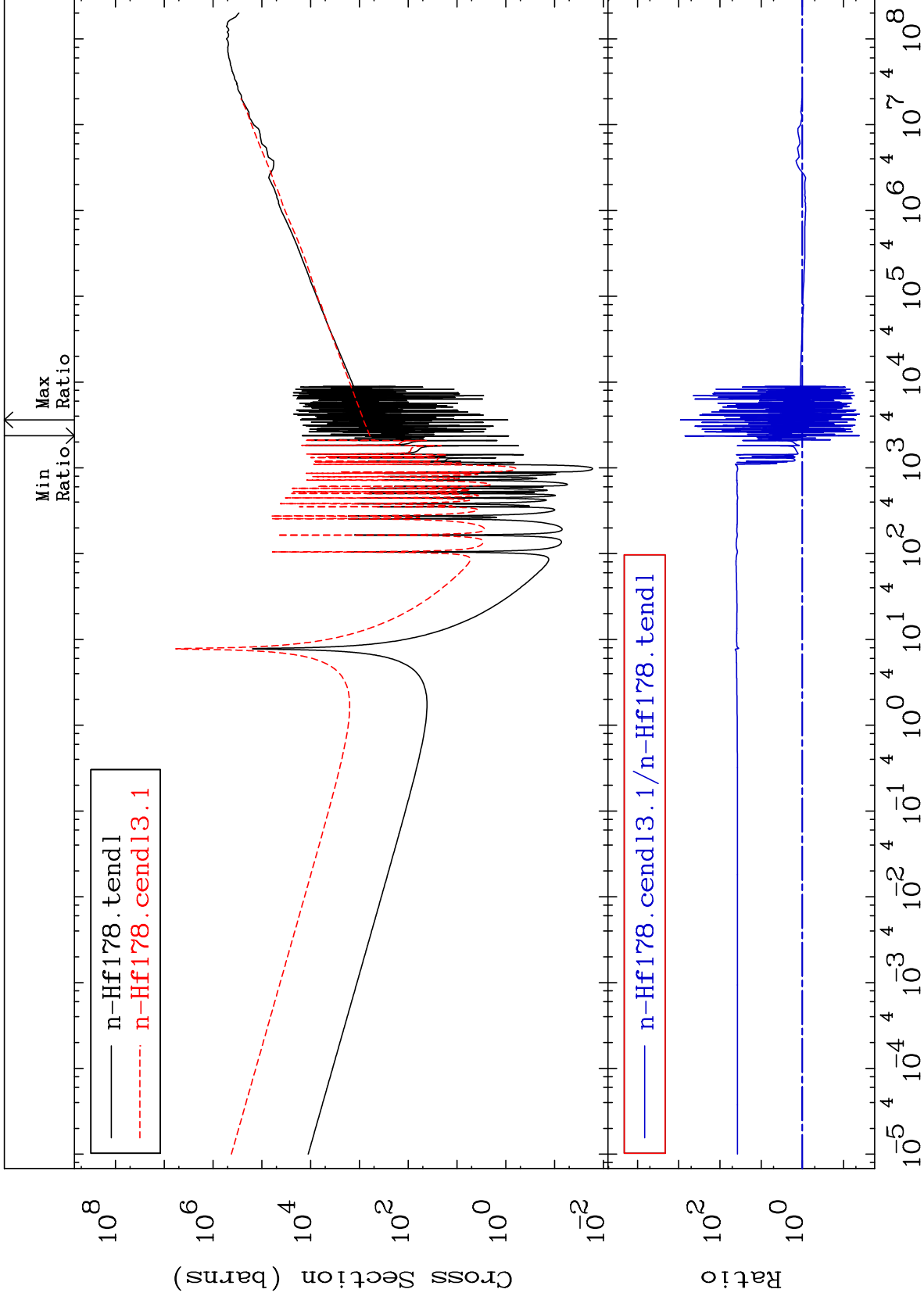
52

Incident Energy (eV)

72-Hf-178



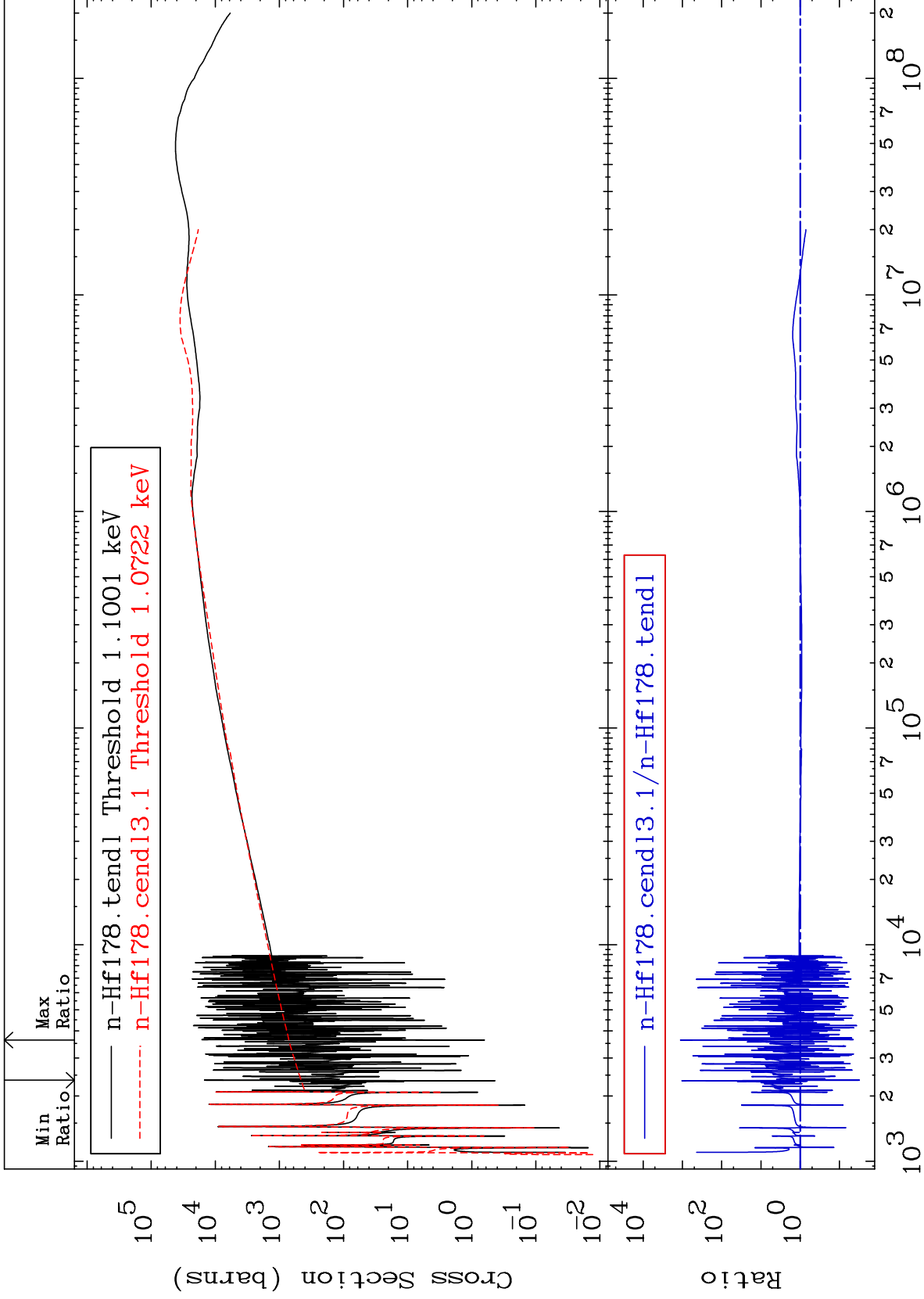




MAT 7237

Dpa elastic (mt2)
Cross Section

72-Hf-178
-96.90 To 9999. %



56

Incident Energy (eV)

72-Hf-178

