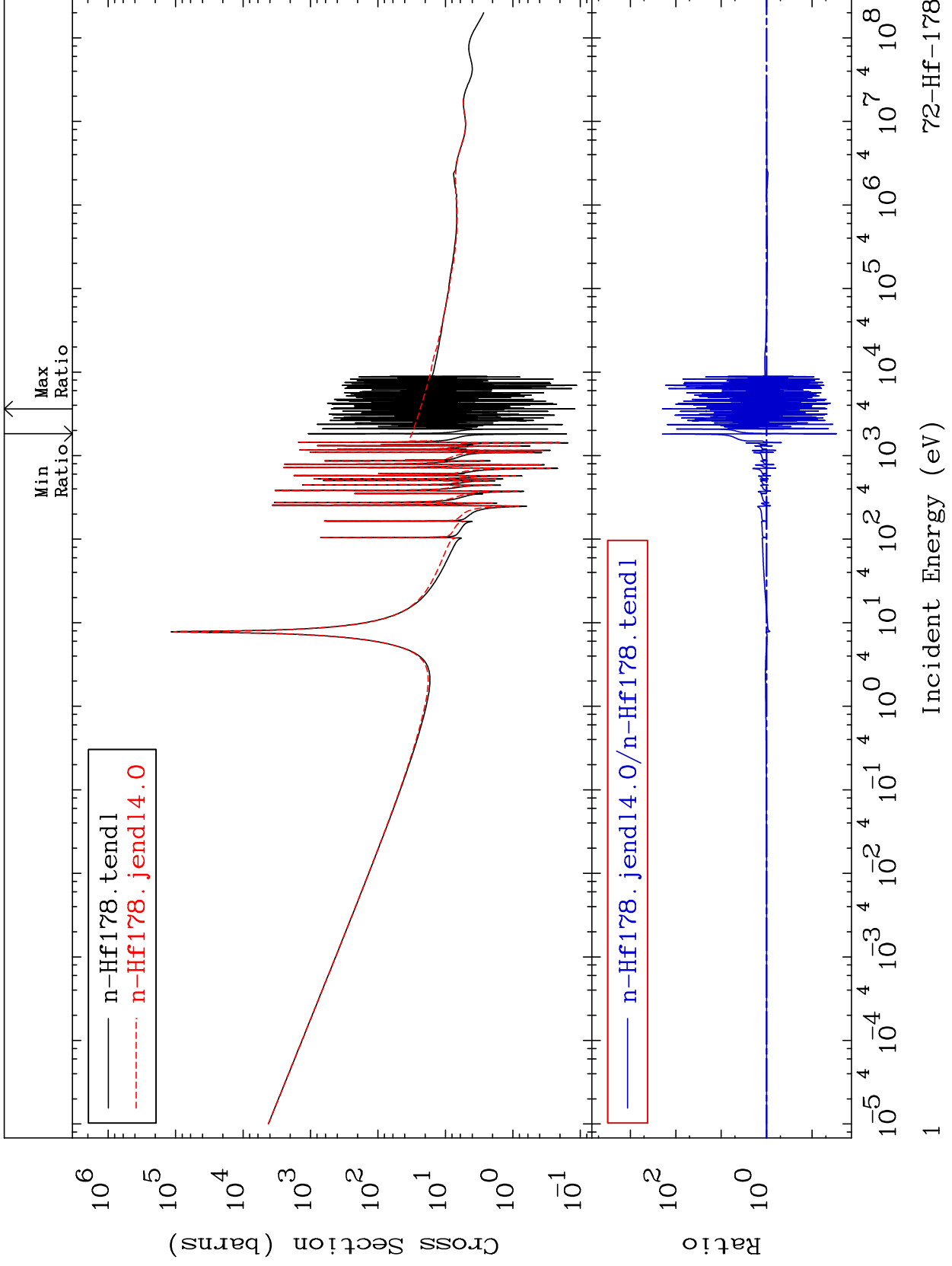


MAT 7237

Total
Cross Section

72-Hf-178
-97.11 To 9999. %



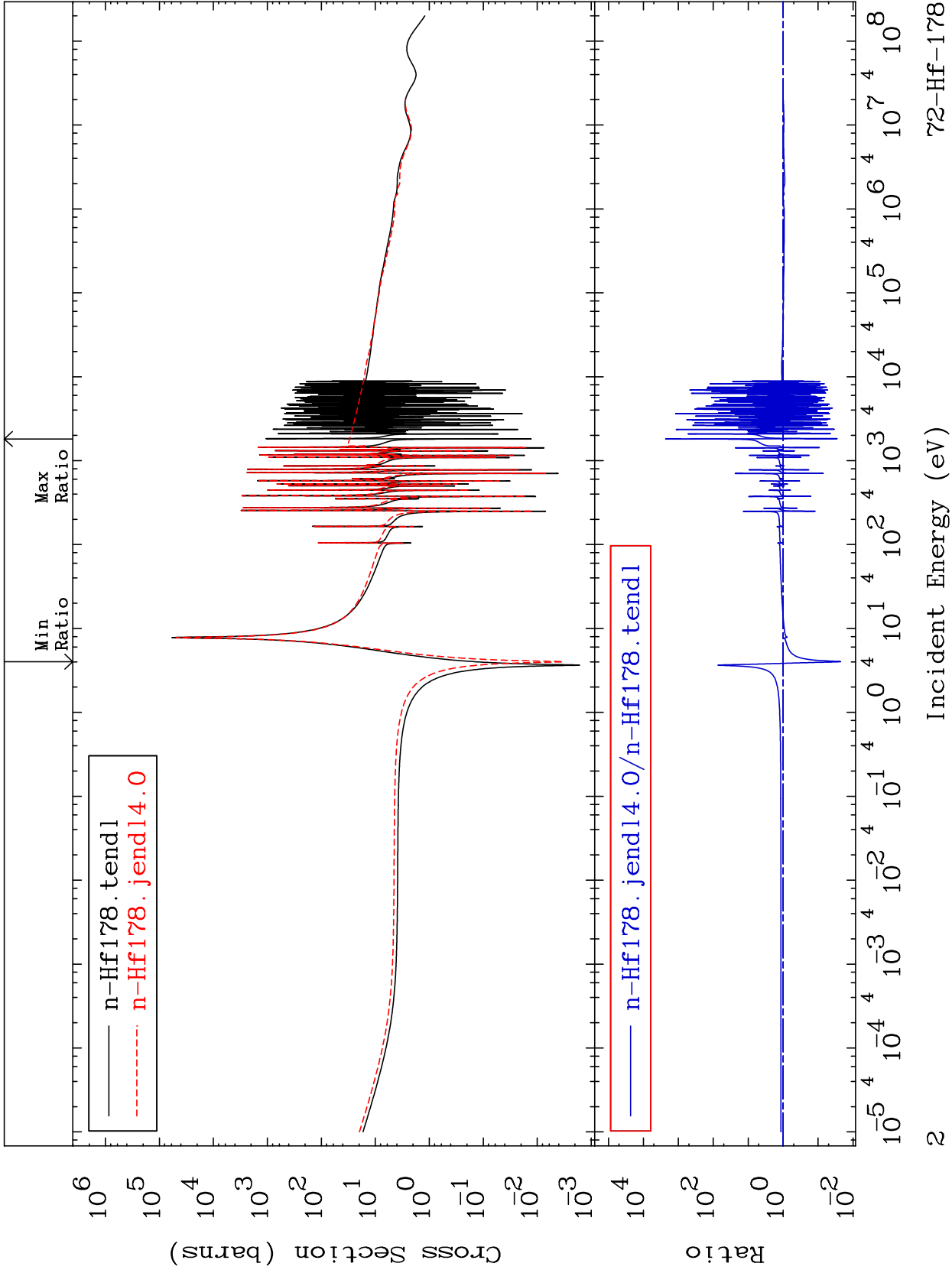
72-Hf-178

MAT 7237

72-Hf-178

-97.74 To 9999. %

Elastic
Cross Section



72-Hf-178

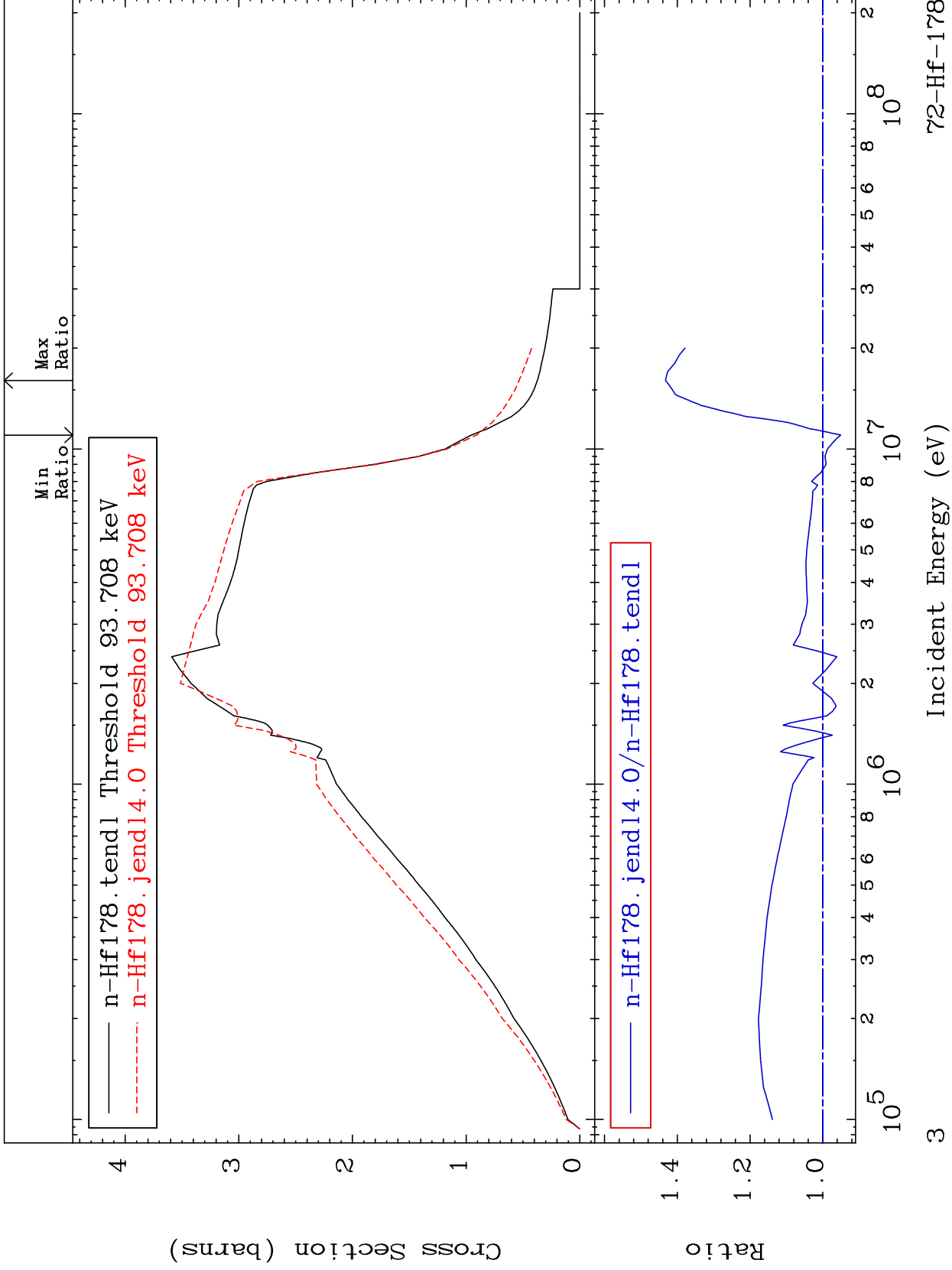
Incident Energy (eV)

2

MAT 7237

Inelastic
Cross Section

72-Hf-178
-4.928 To 43.24 %



72-Hf-178

Incident Energy (eV)

3

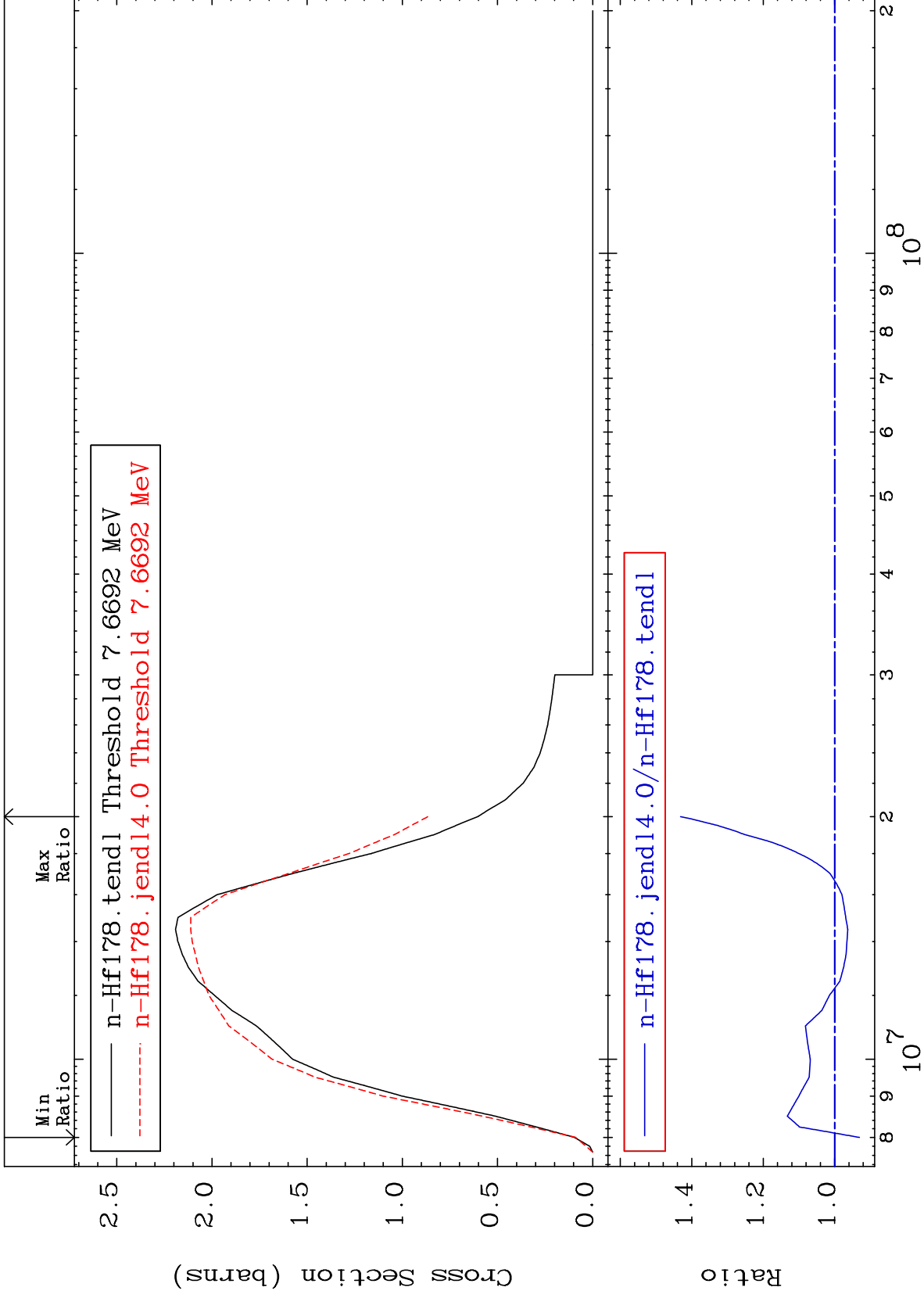
MAT 7237

(n,2n)

72-Hf-178

Cross Section

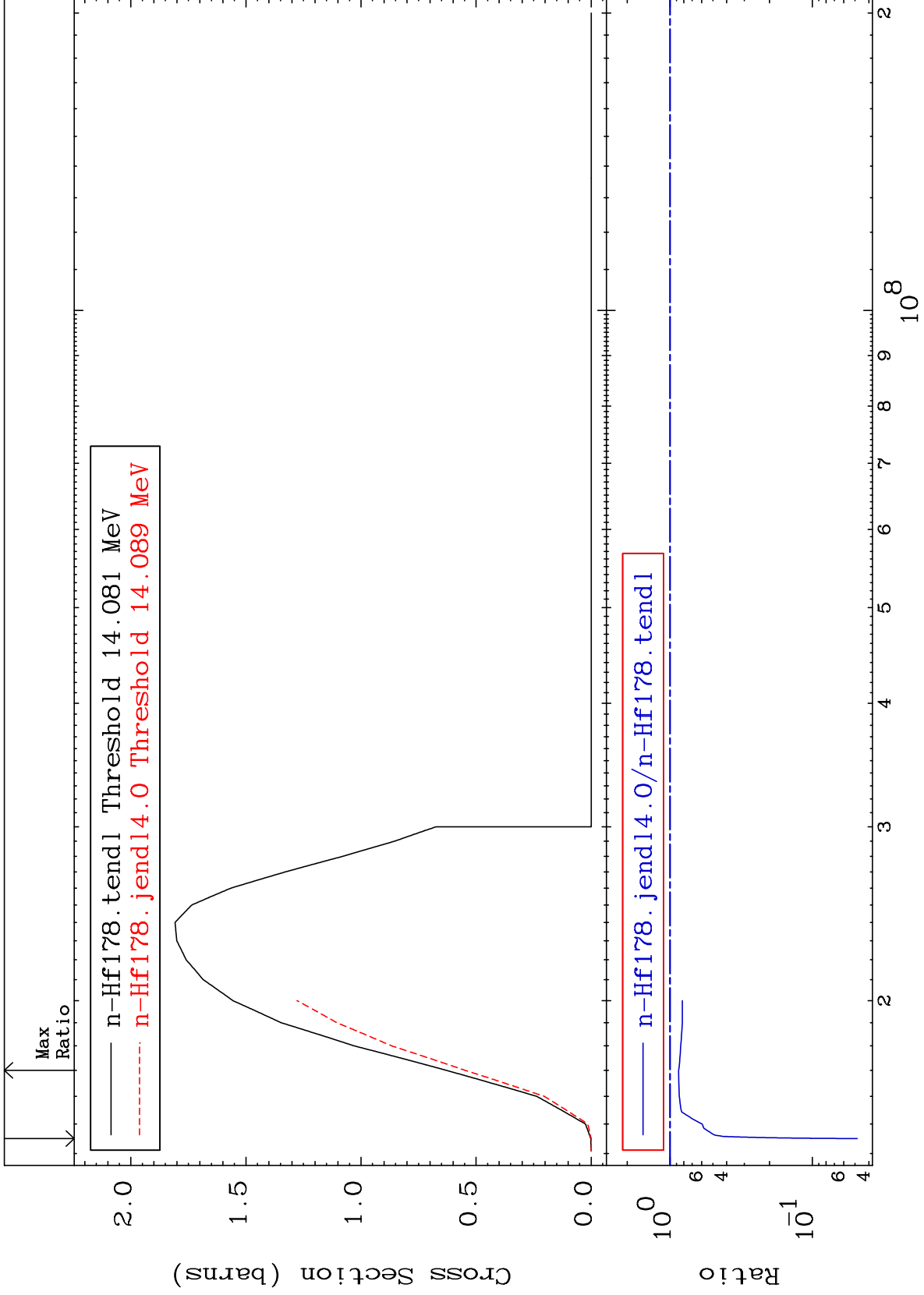
-6.923 To 43.19 %



MAT 7237

(n,3n)
Cross Section

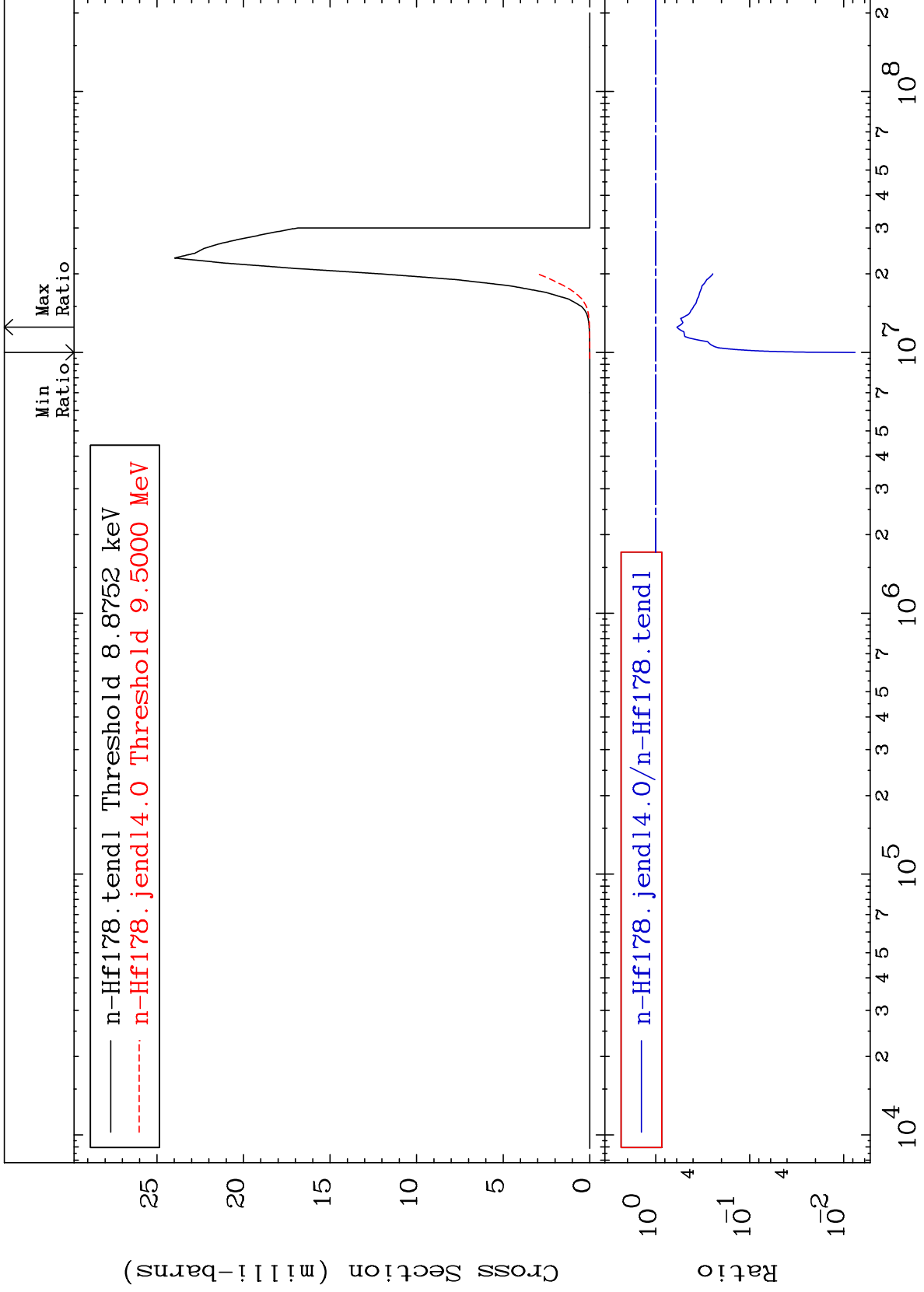
72-Hf-178
-95.17 To -12.95%



MAT 7237

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

72-Hf-178
-99.24 To -40.51%



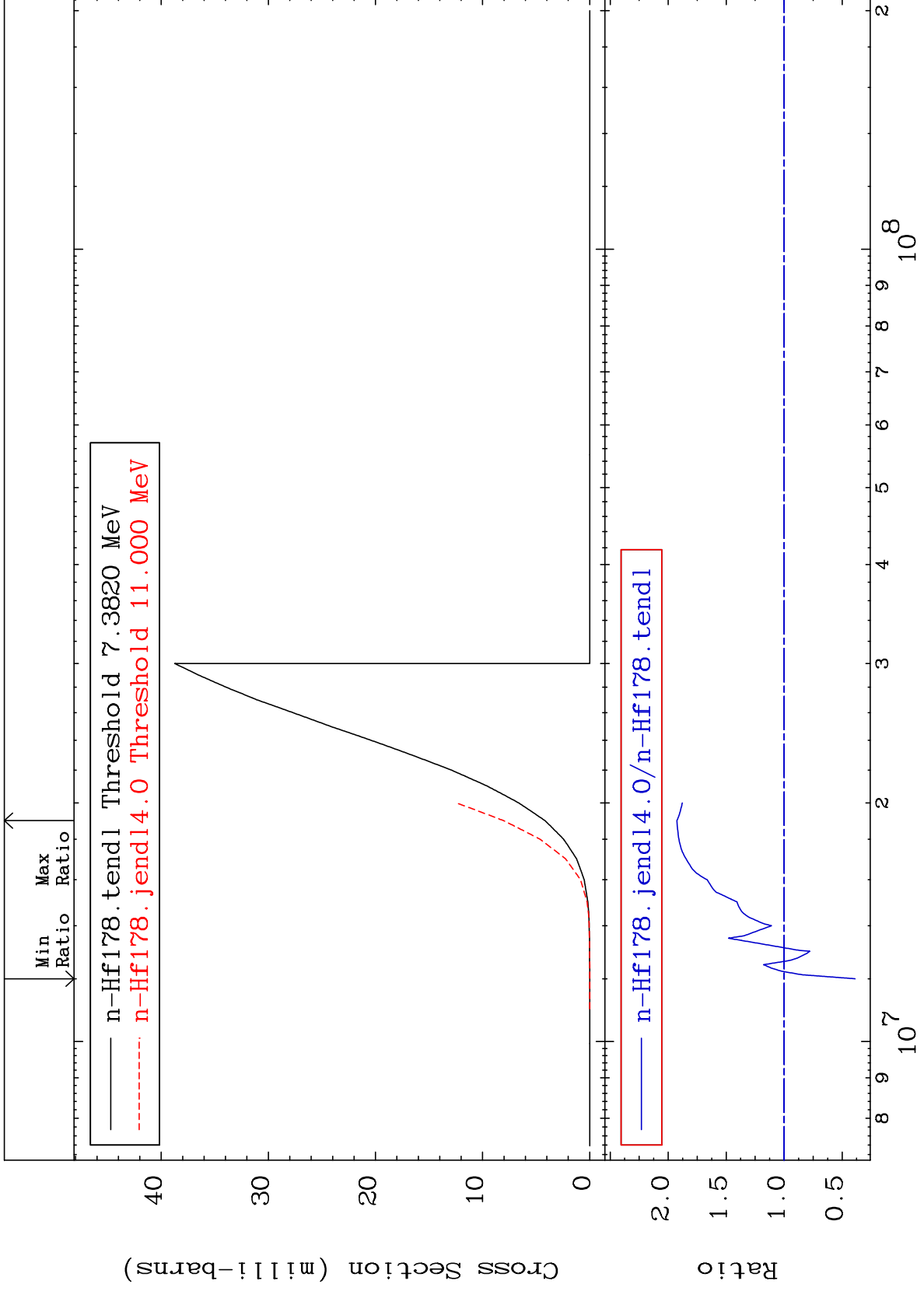
Incident Energy (eV)

72-Hf-178

MAT 7237

(n,n') p
Cross Section

72-Hf-178
-61.17 To 92.46 %



7

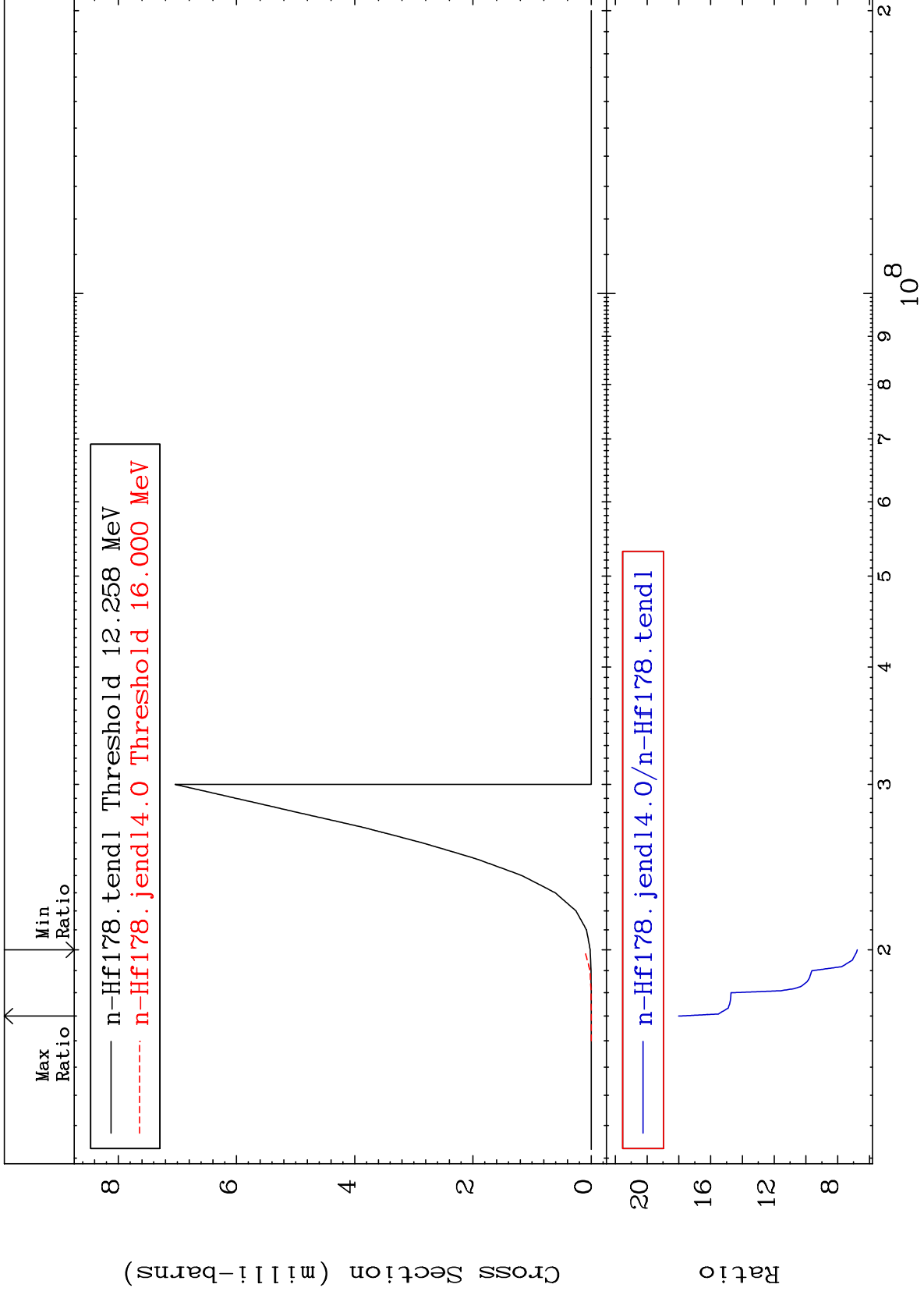
Incident Energy (eV)

72-Hf-178

MAT 7237

(n,n') d
Cross Section

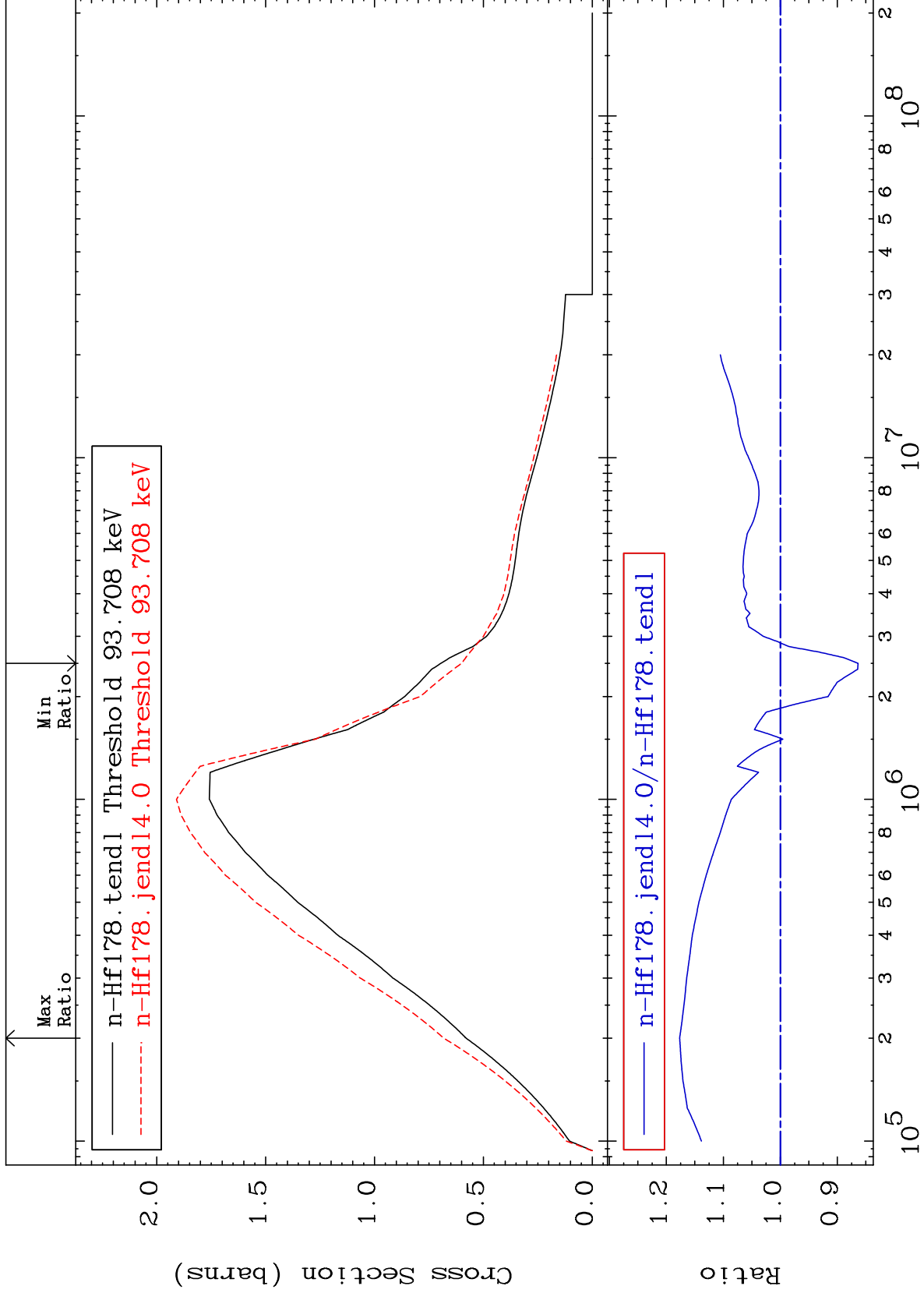
72-Hf-178
576.7 To 1702. %



MAT 7237

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

72-Hf-178
-13.64 To 17.67 %



9

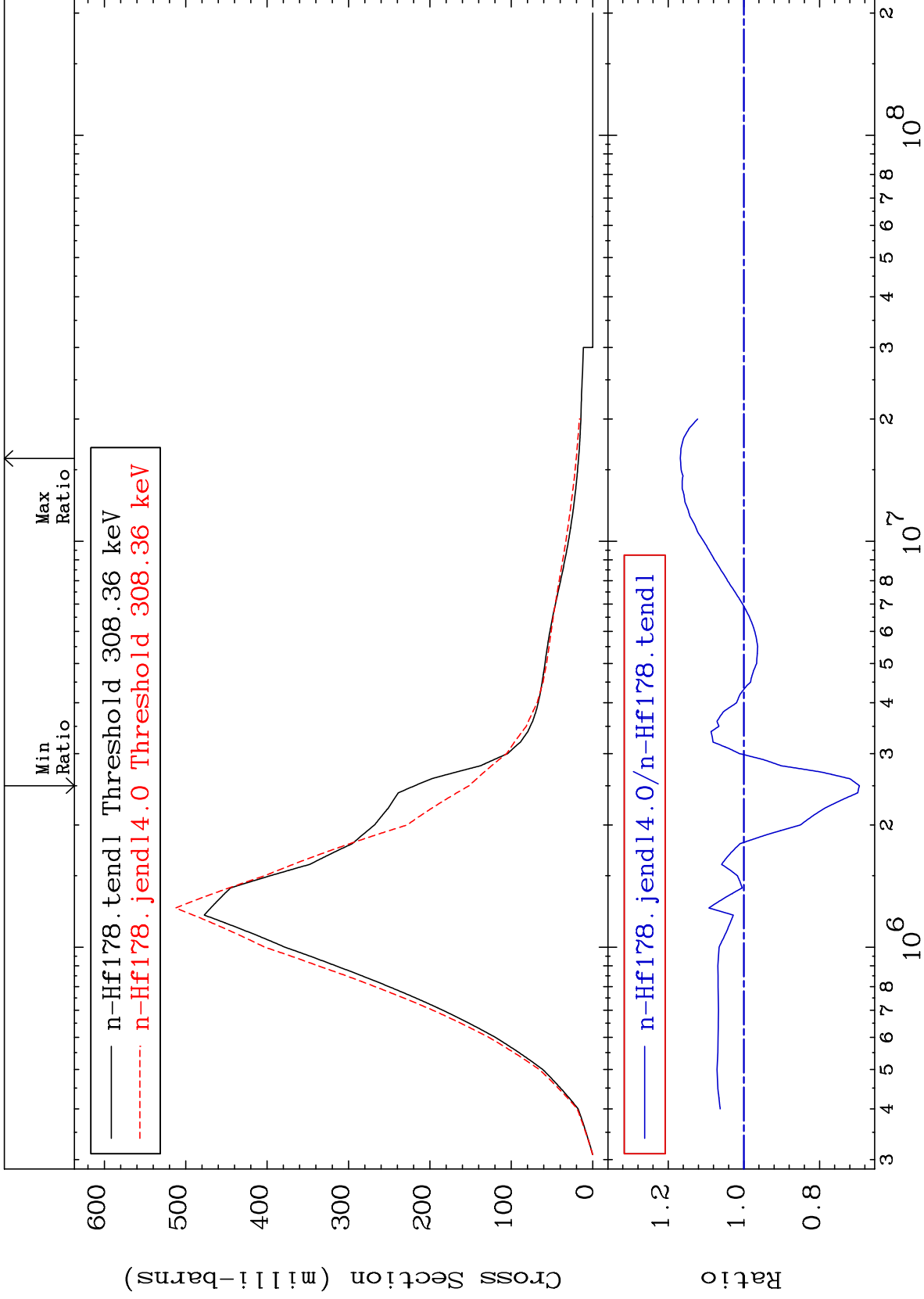
Incident Energy (eV)

72-Hf-178

MAT 7237

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

72-Hf-178
-30.56 To 16.78 %



10

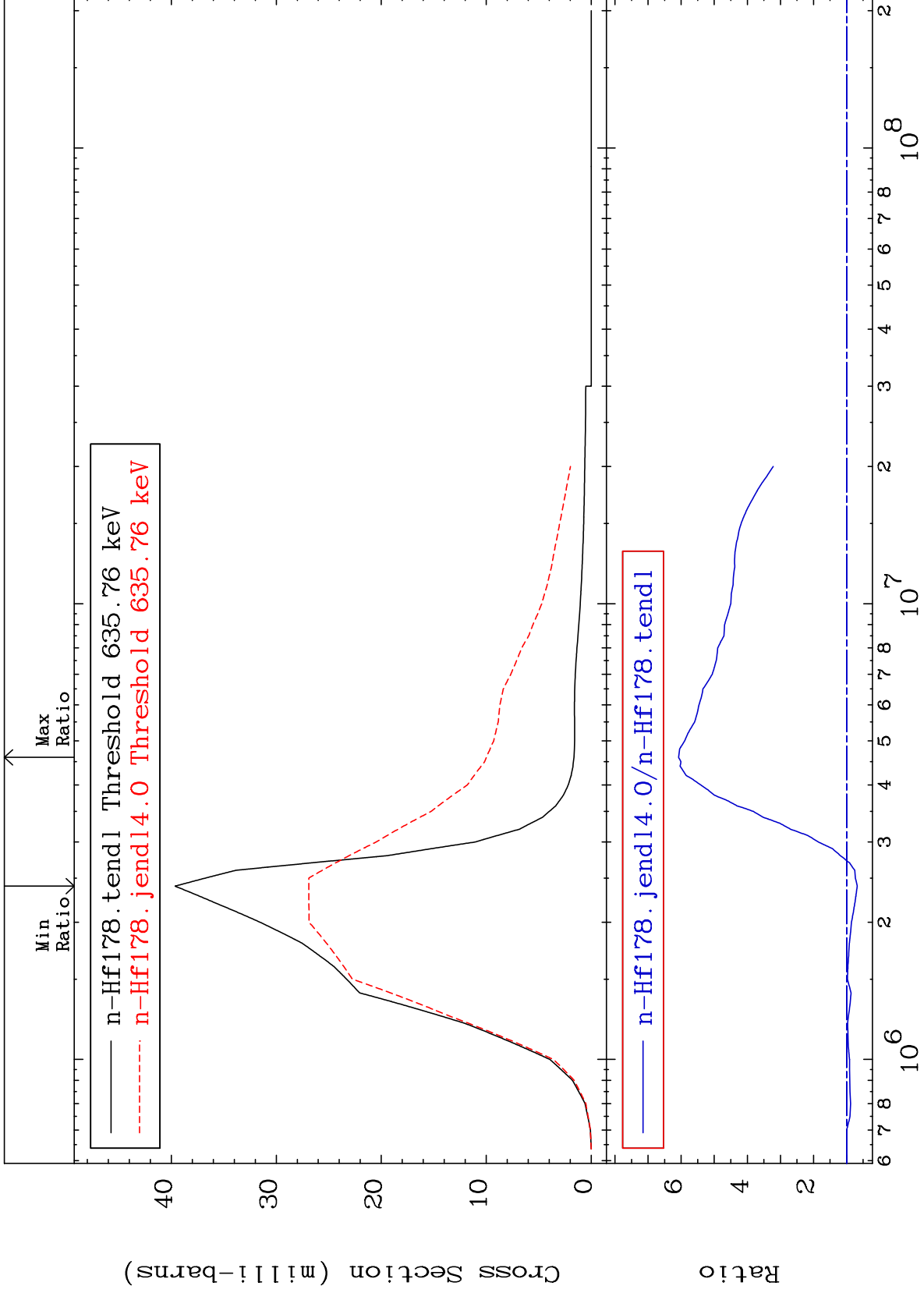
Incident Energy (eV)

72-Hf-178

MAT 7237

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

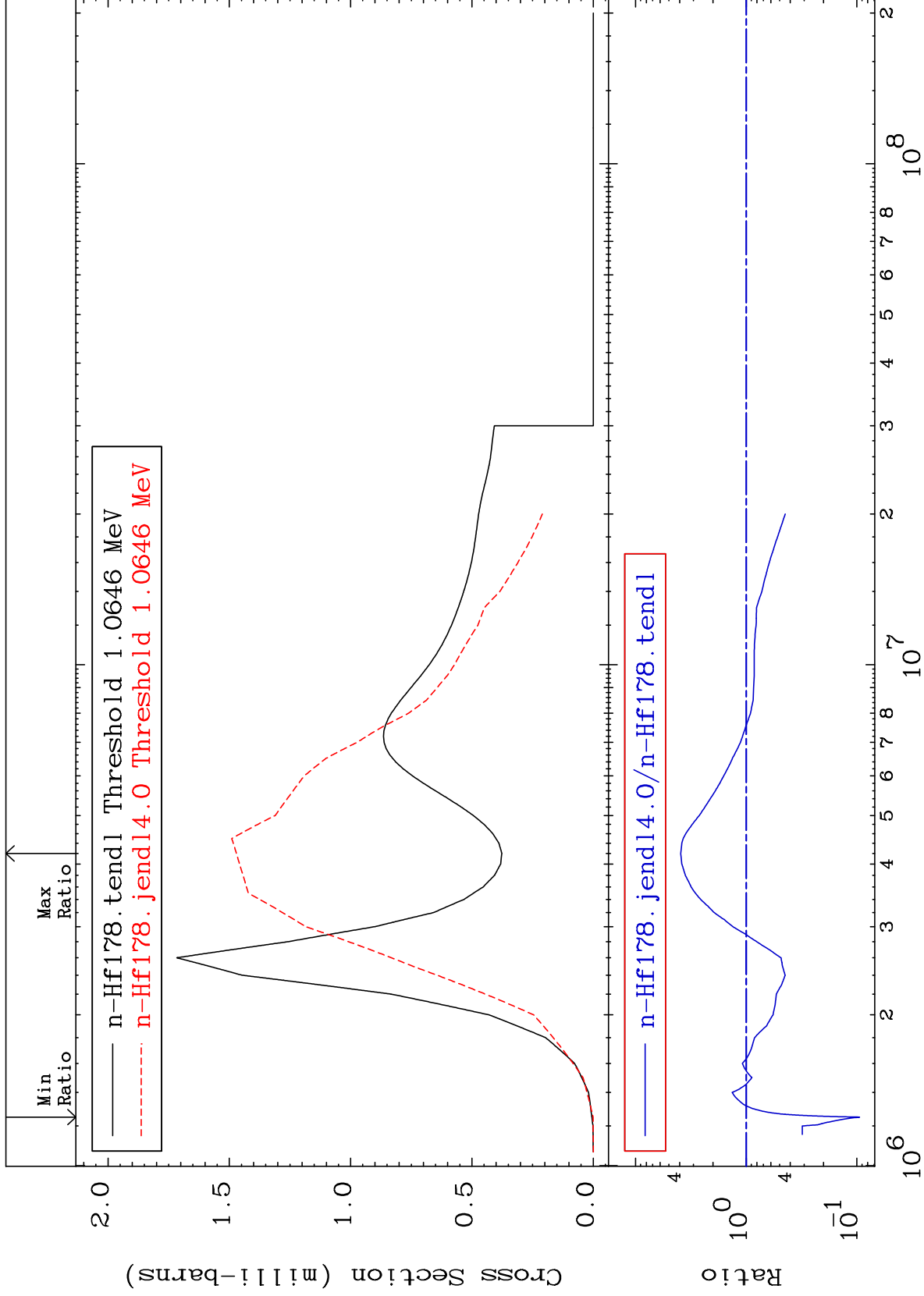
72-Hf-178
-32.14 To 507.6 %



MAT 7237

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

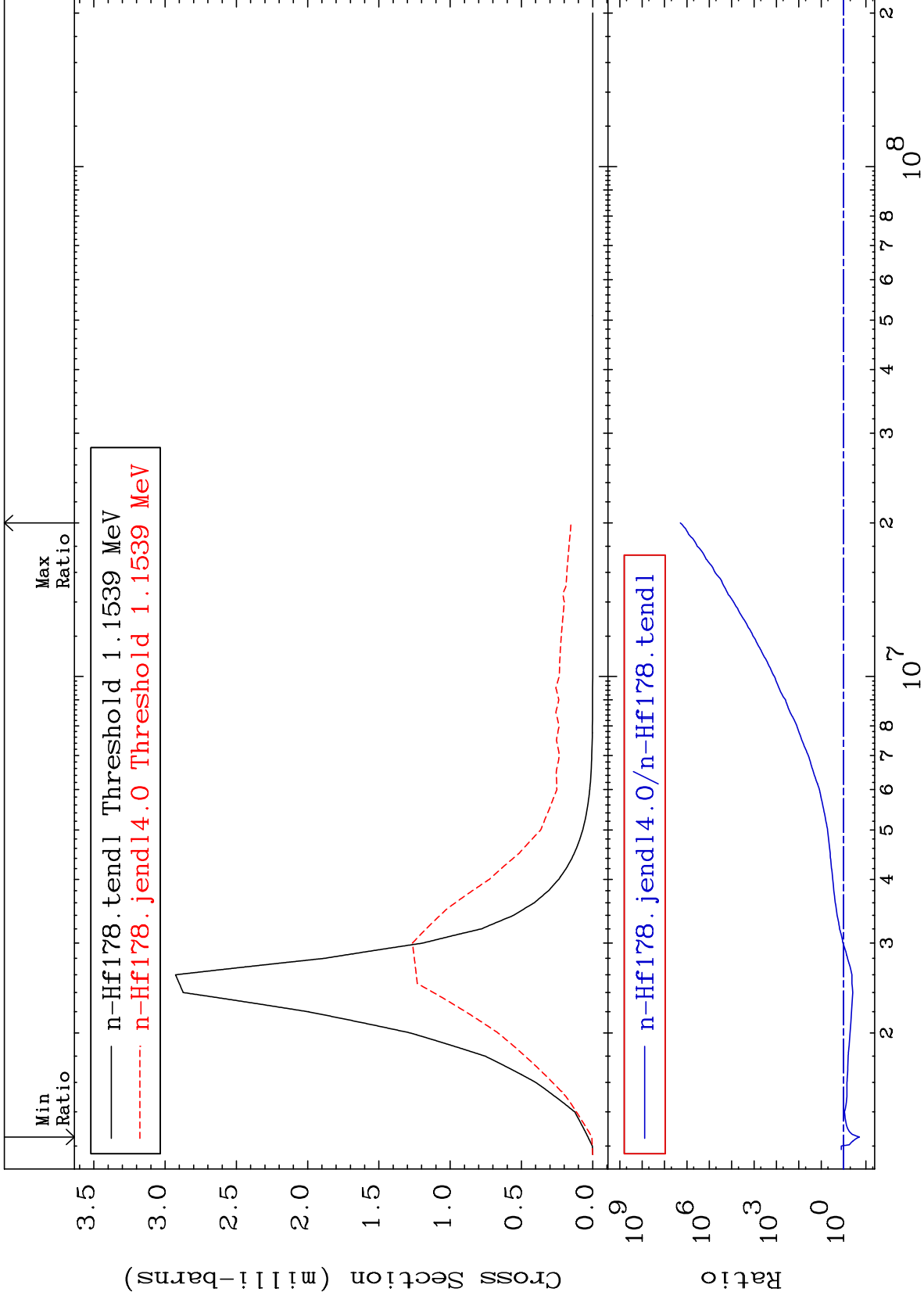
72-Hf-178
-90.54 To 290.4 %



MAT 7237

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

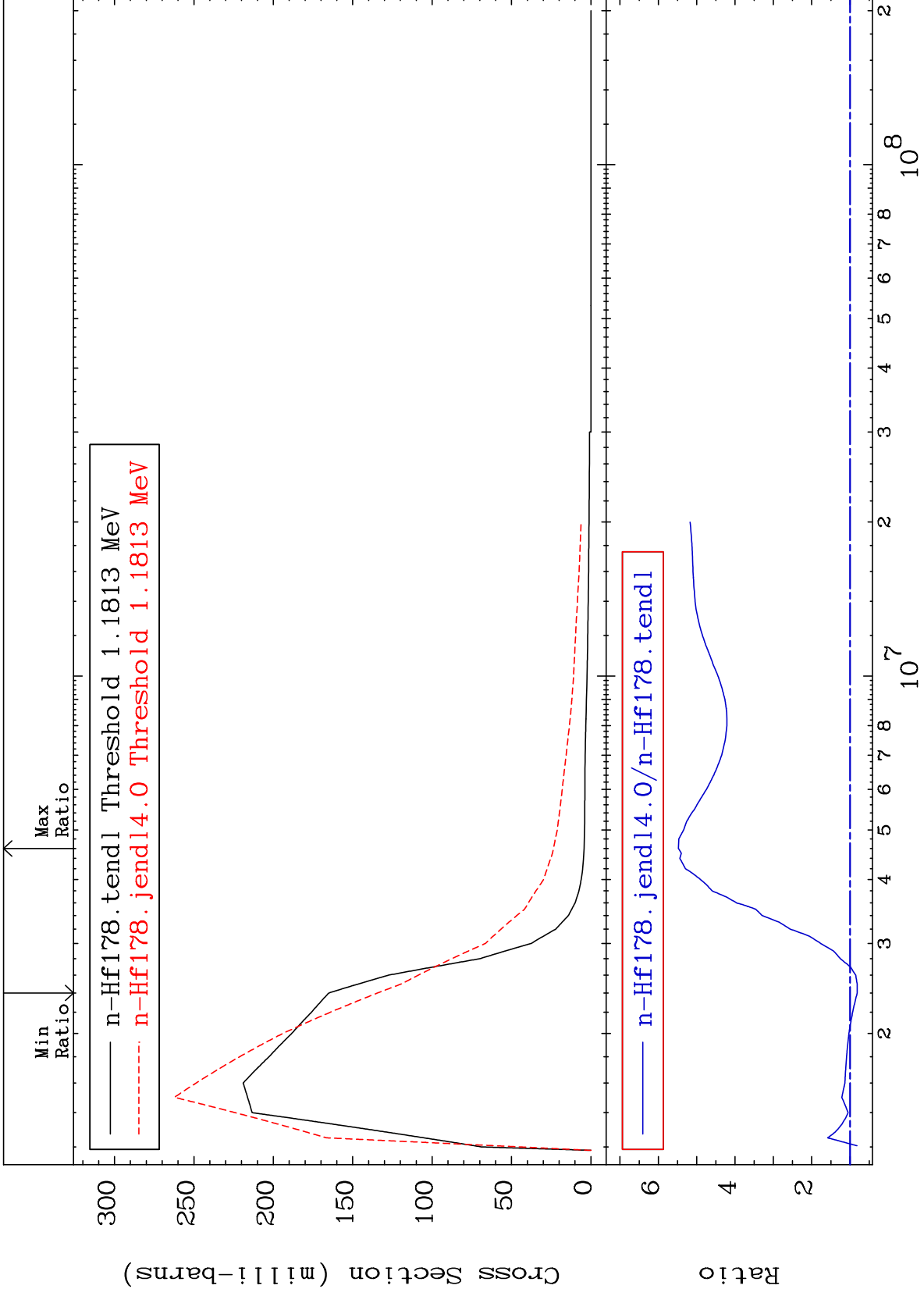
72-Hf-178
-80.39 To 9999. %



MAT 7237

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

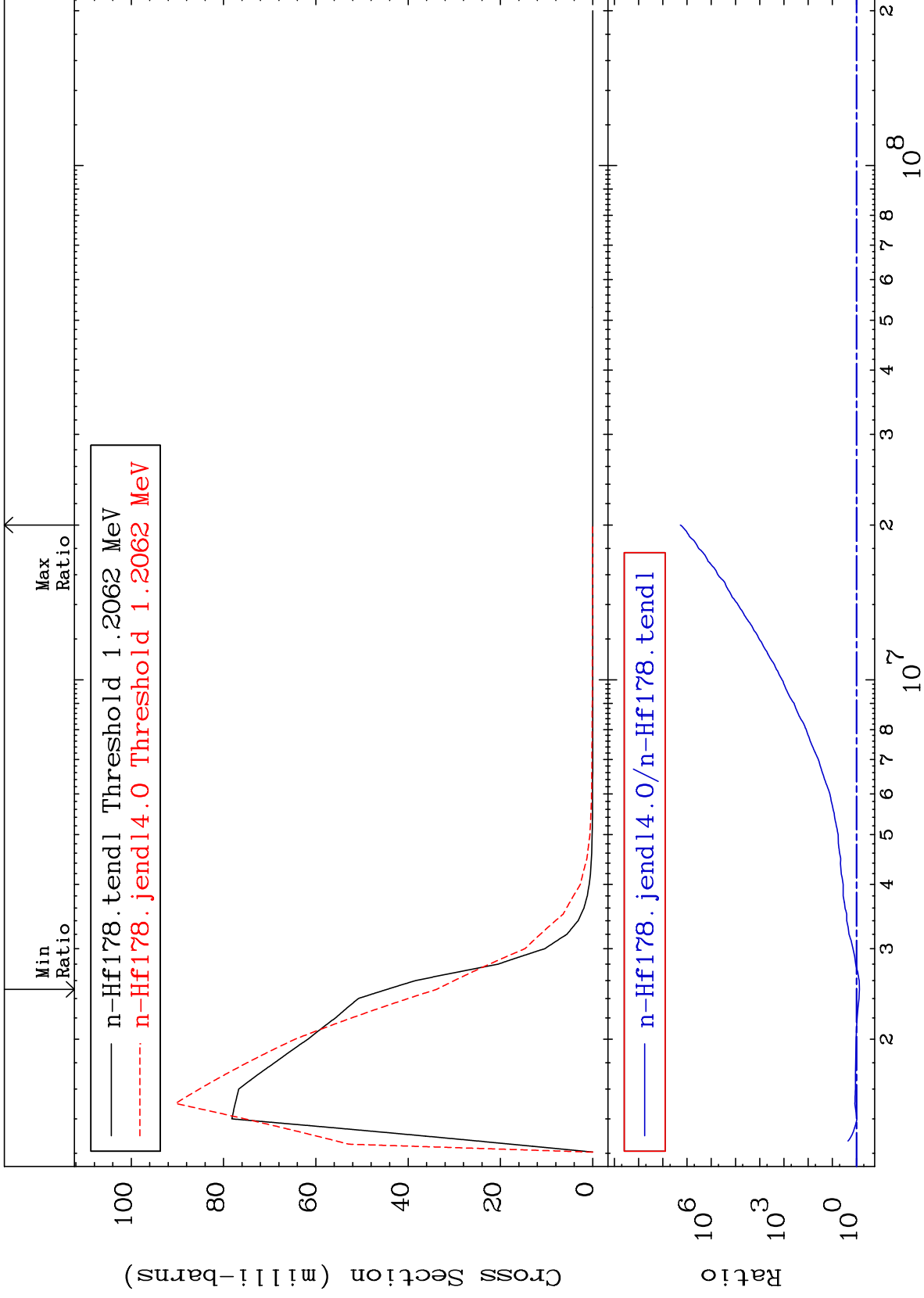
72-Hf-178
-18.67 To 447.6 %



MAT 7237

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

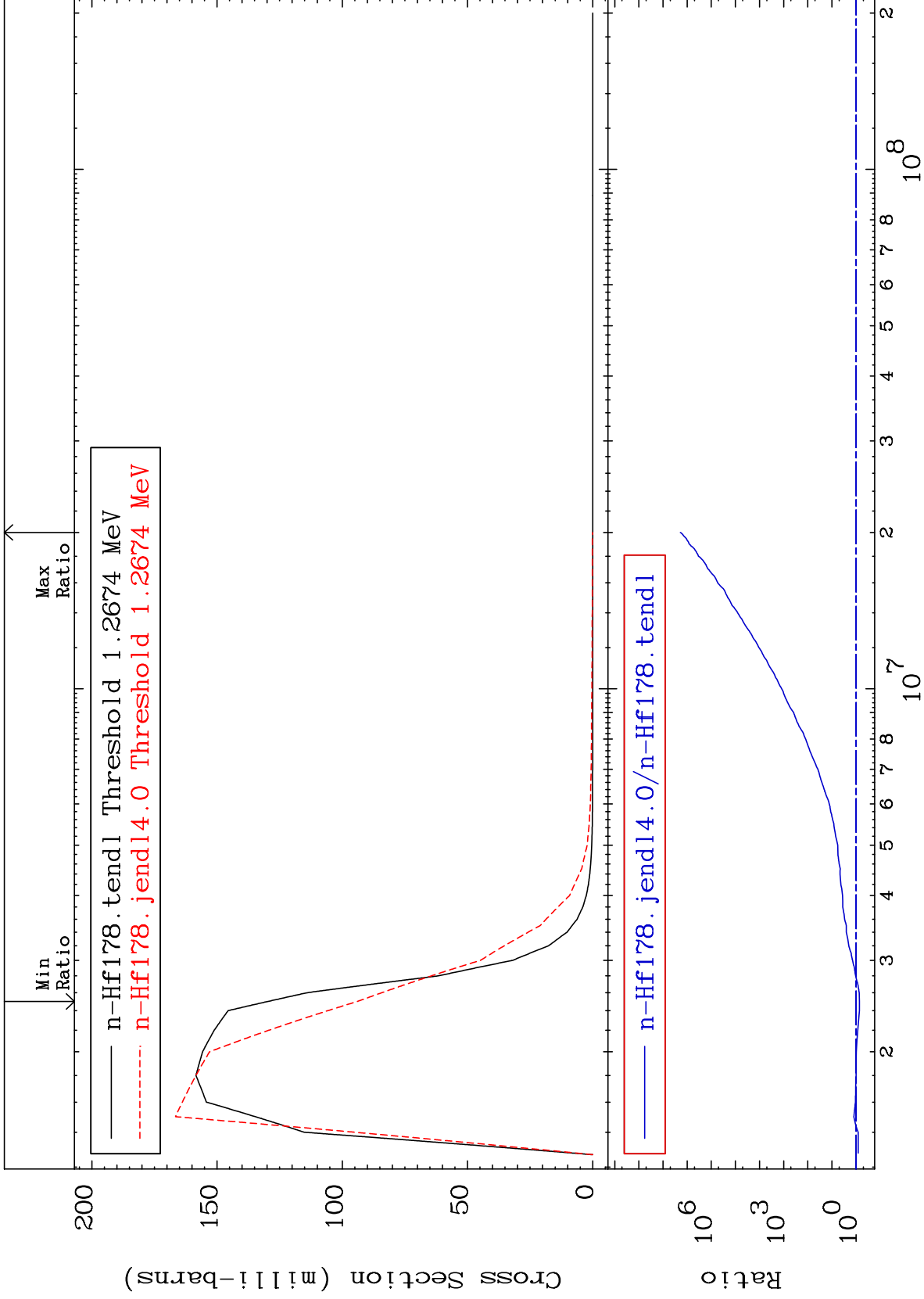
72-Hf-178
-24.10 To 9999. %



MAT 7237

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

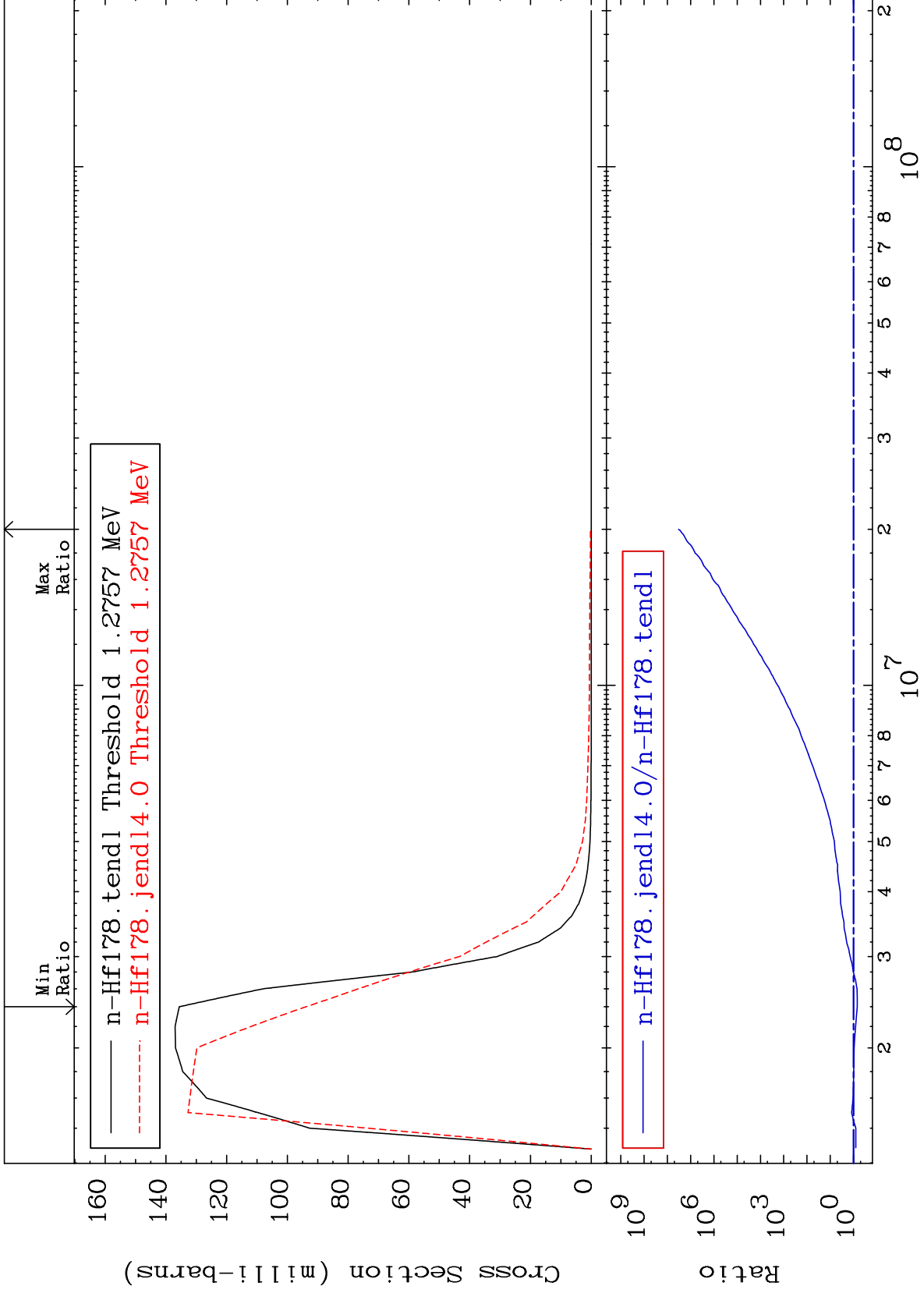
72-Hf-178
-27.56 To 9999. %



MAT 7237

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

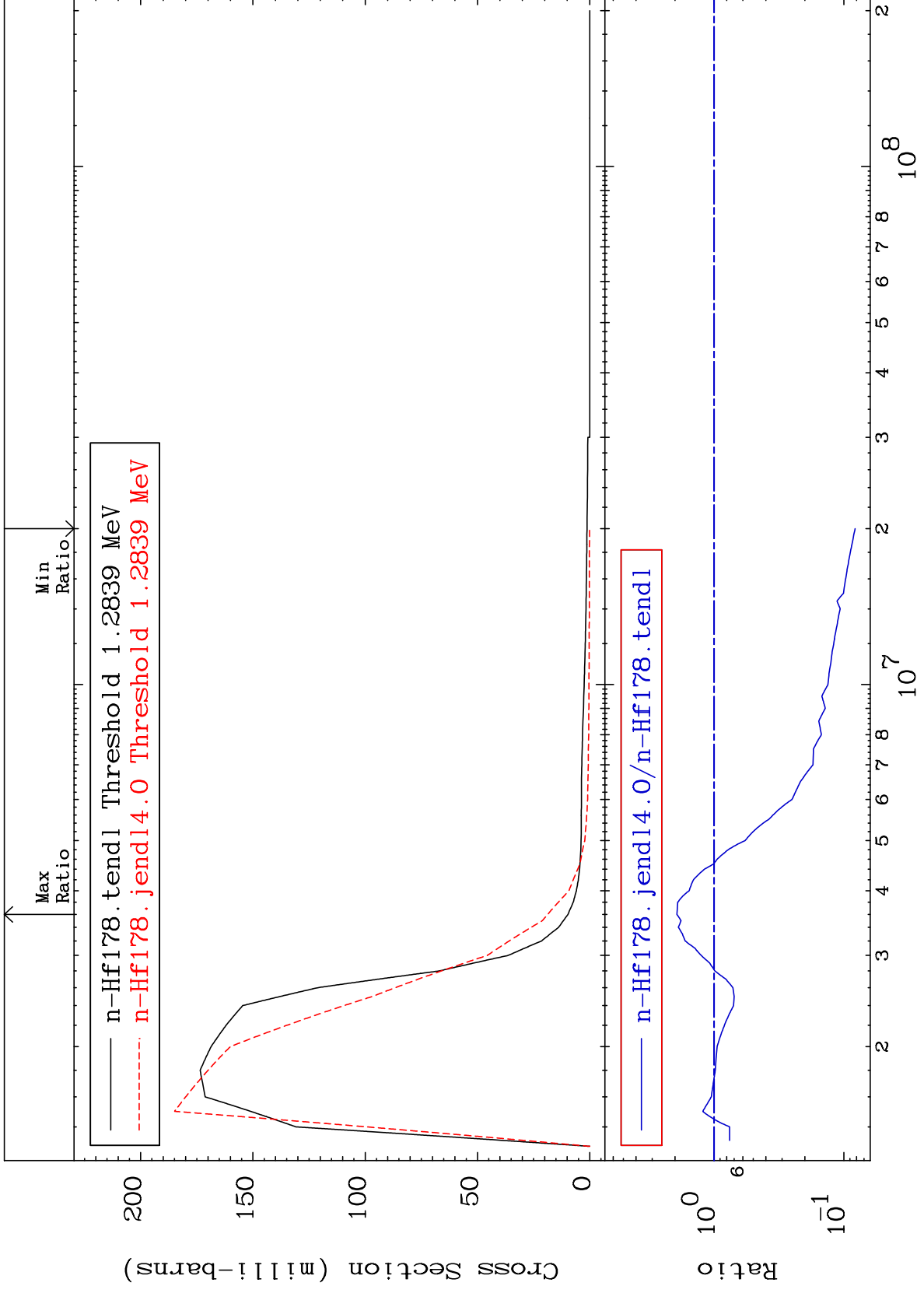
72-Hf-178
-30.77 To 9999. %



MAT 7237

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

72-Hf-178
-91.79 To 93.40 %



18

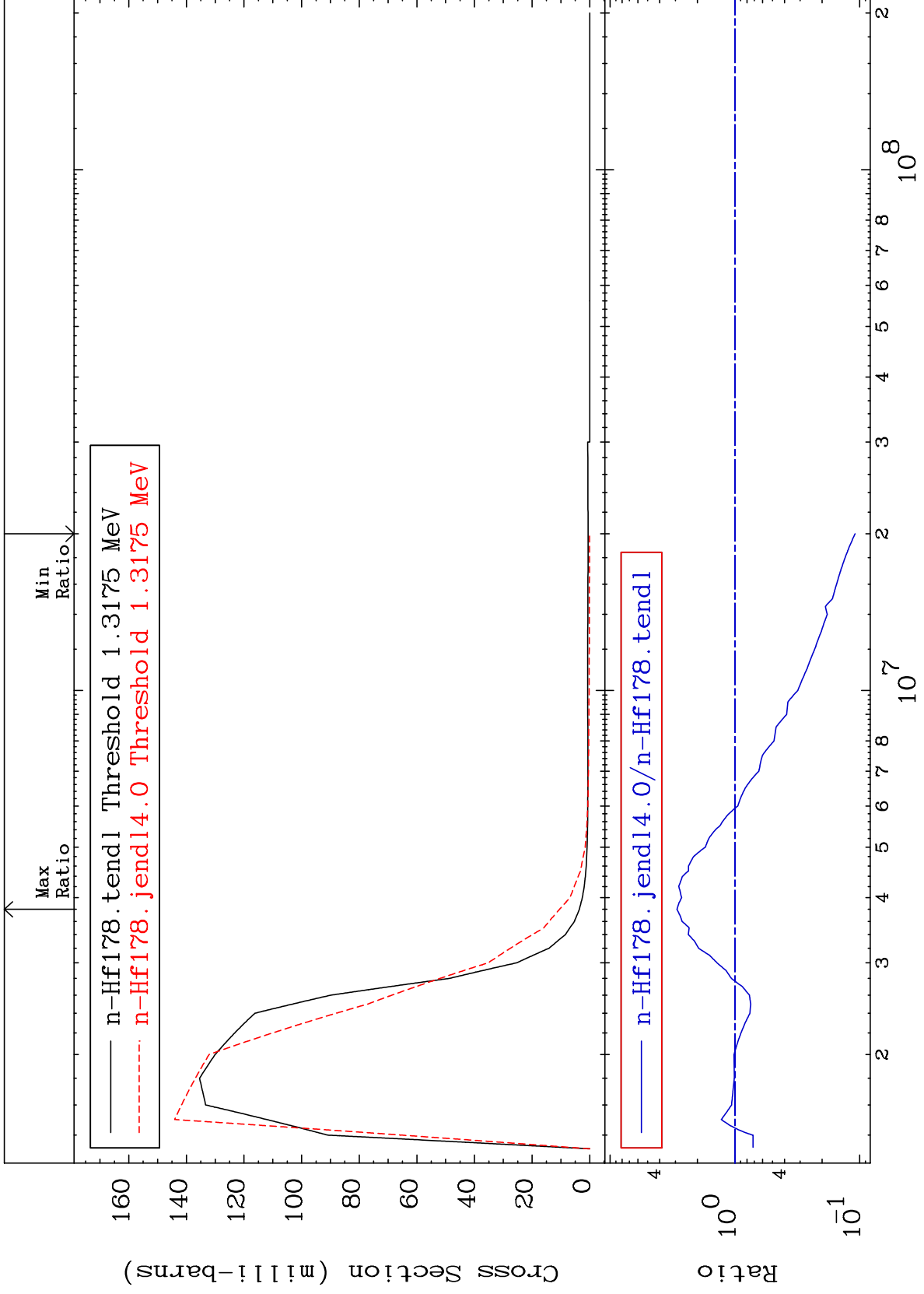
Incident Energy (eV)

72-Hf-178

MAT 7237

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

72-Hf-178
-89.12 To 191.4 %



19

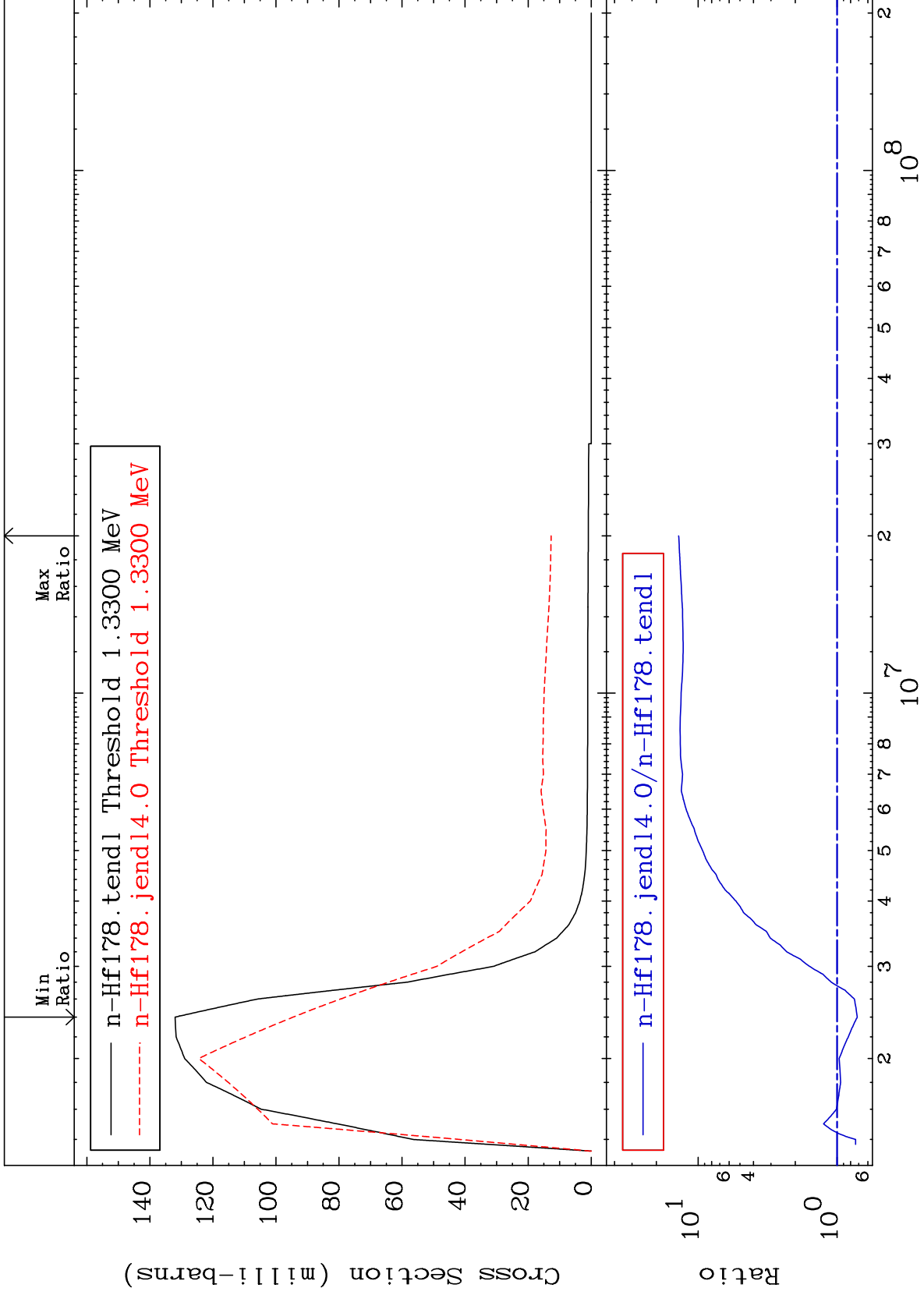
Incident Energy (eV)

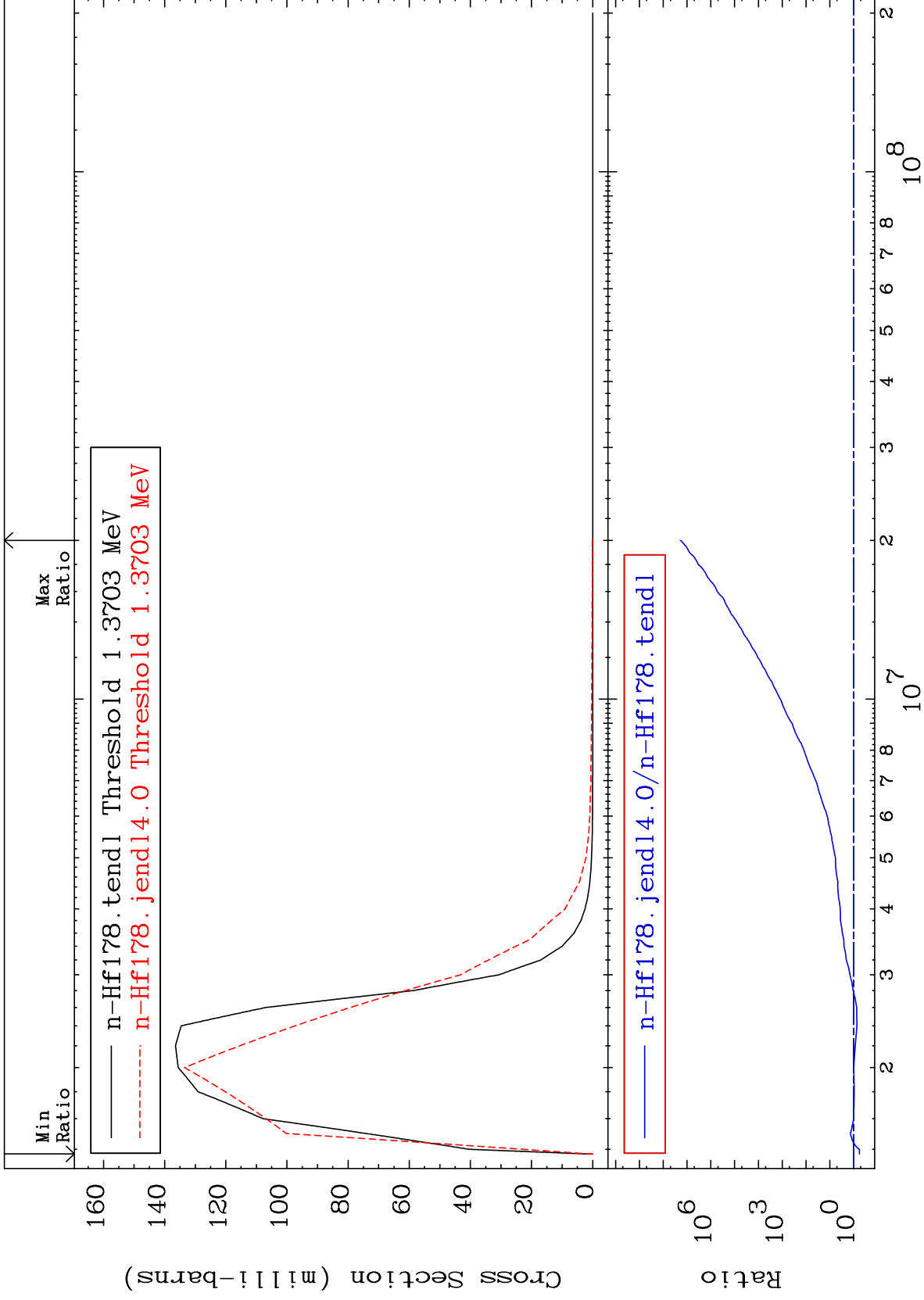
72-Hf-178

MAT 7237

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

72-Hf-178
-28.38 To 1283. %

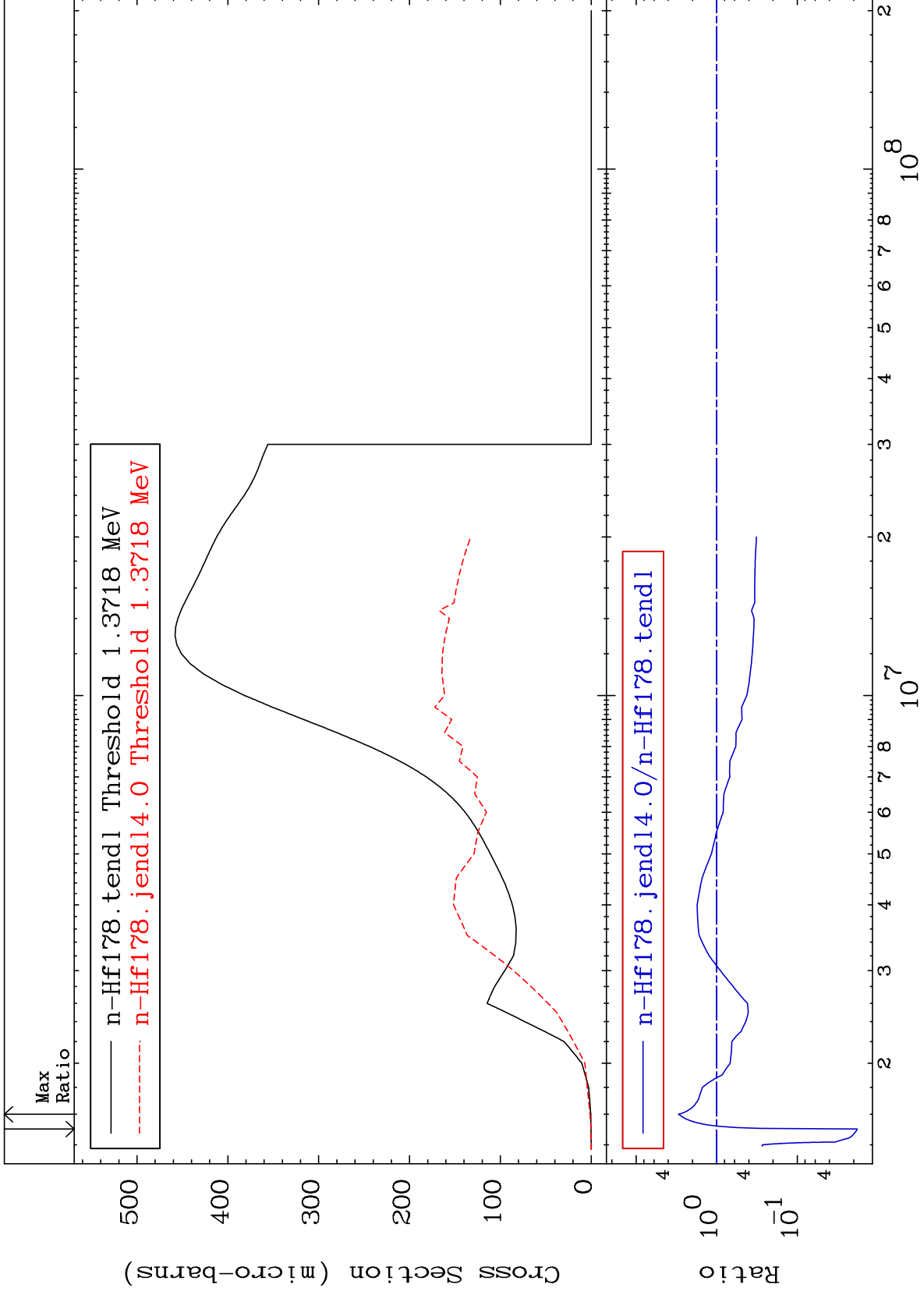




MAT 7237

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

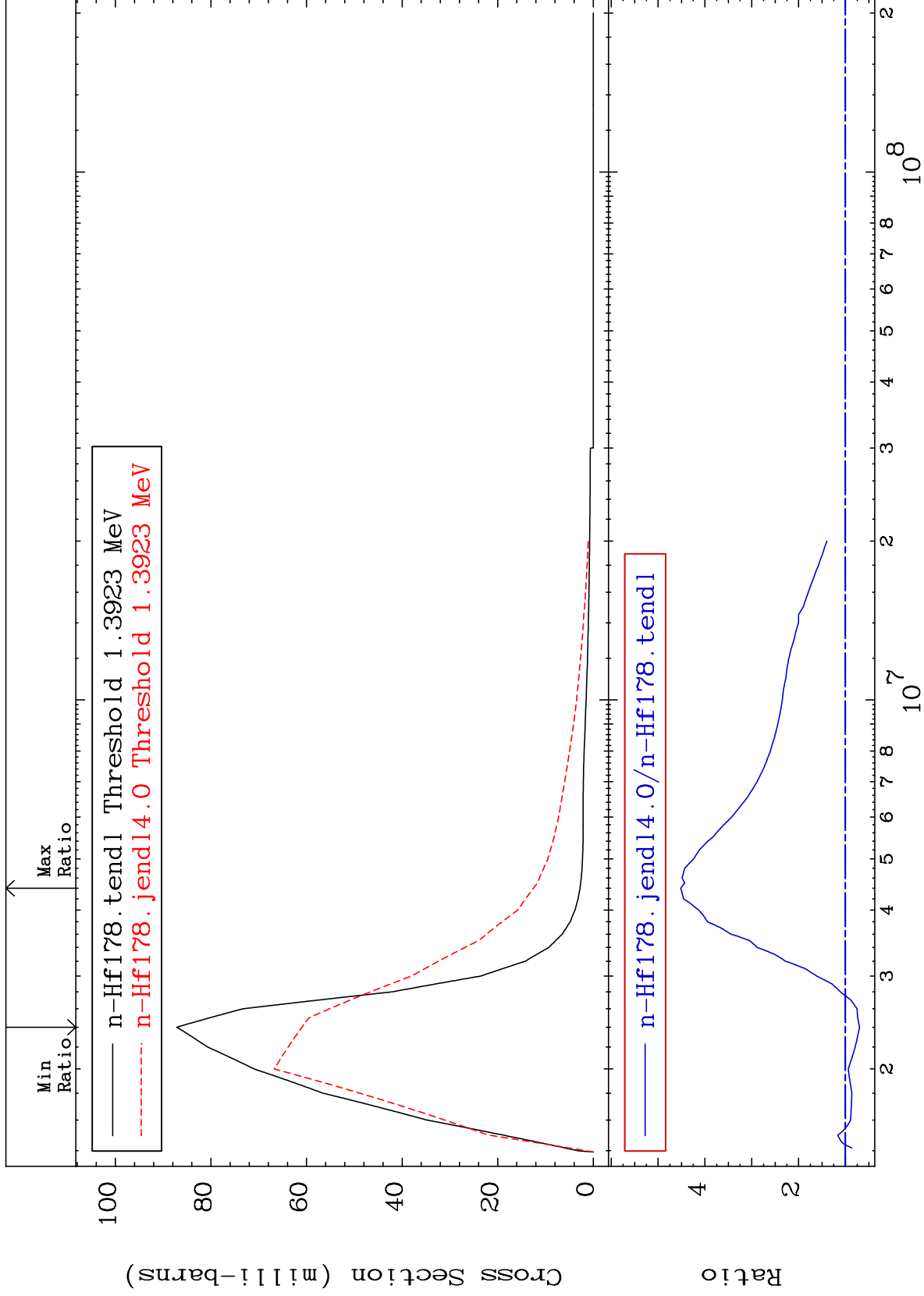
72-Hf-178
-98.19 To 196.6 %



MAT 7237

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

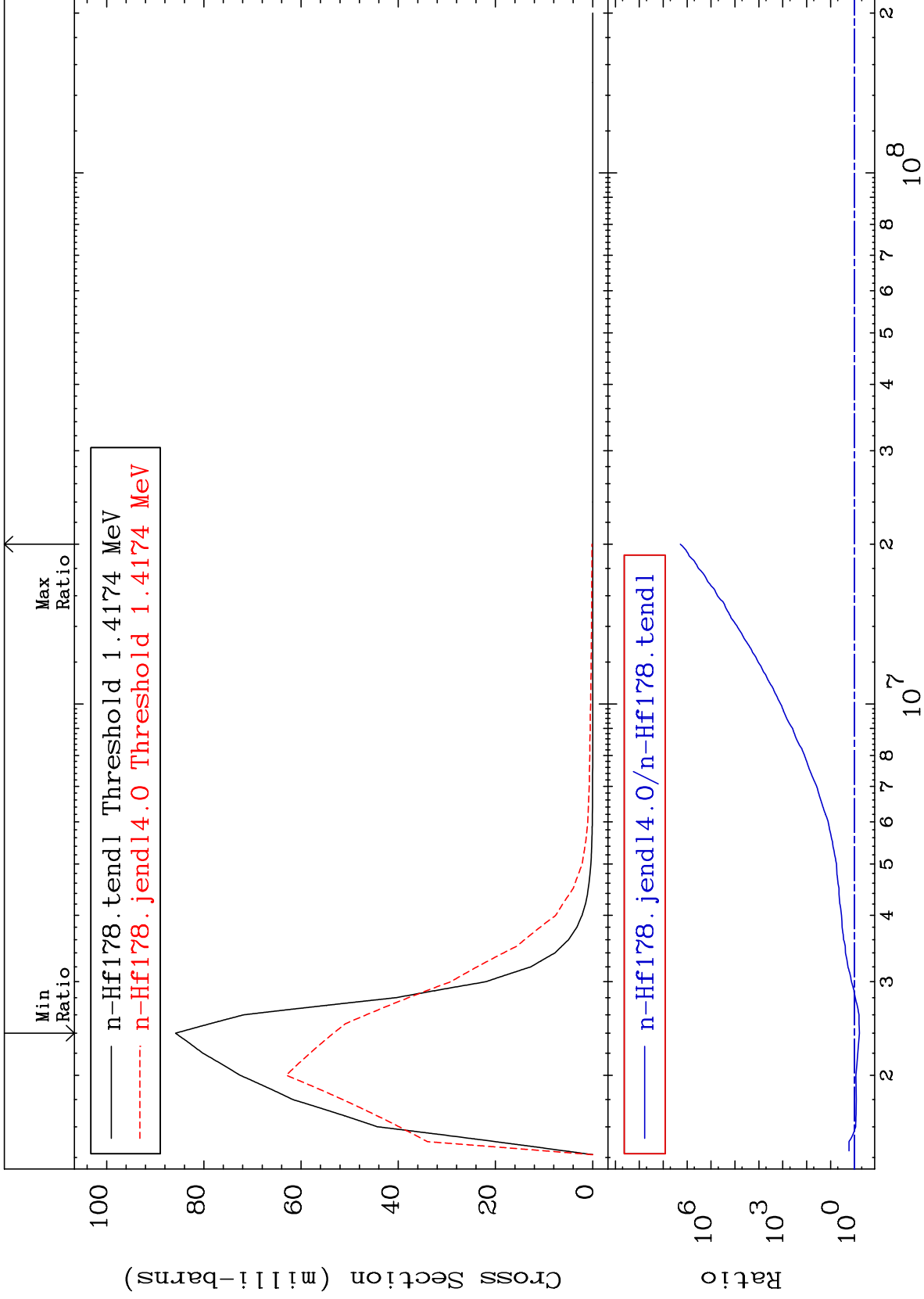
72-Hf-178
-30.08 To 351.7 %

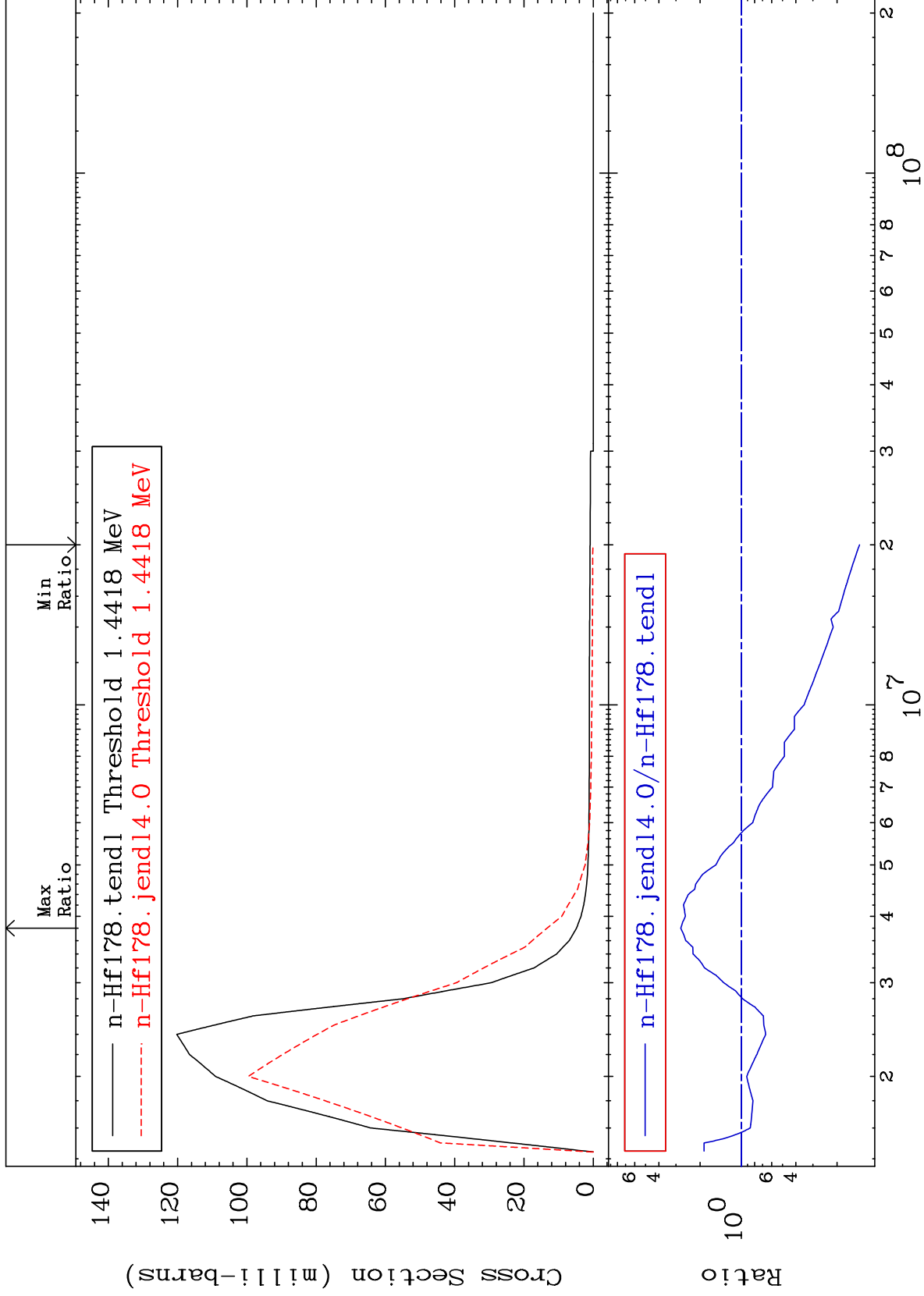


MAT 7237

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

72-Hf-178
-37.87 To 9999. %

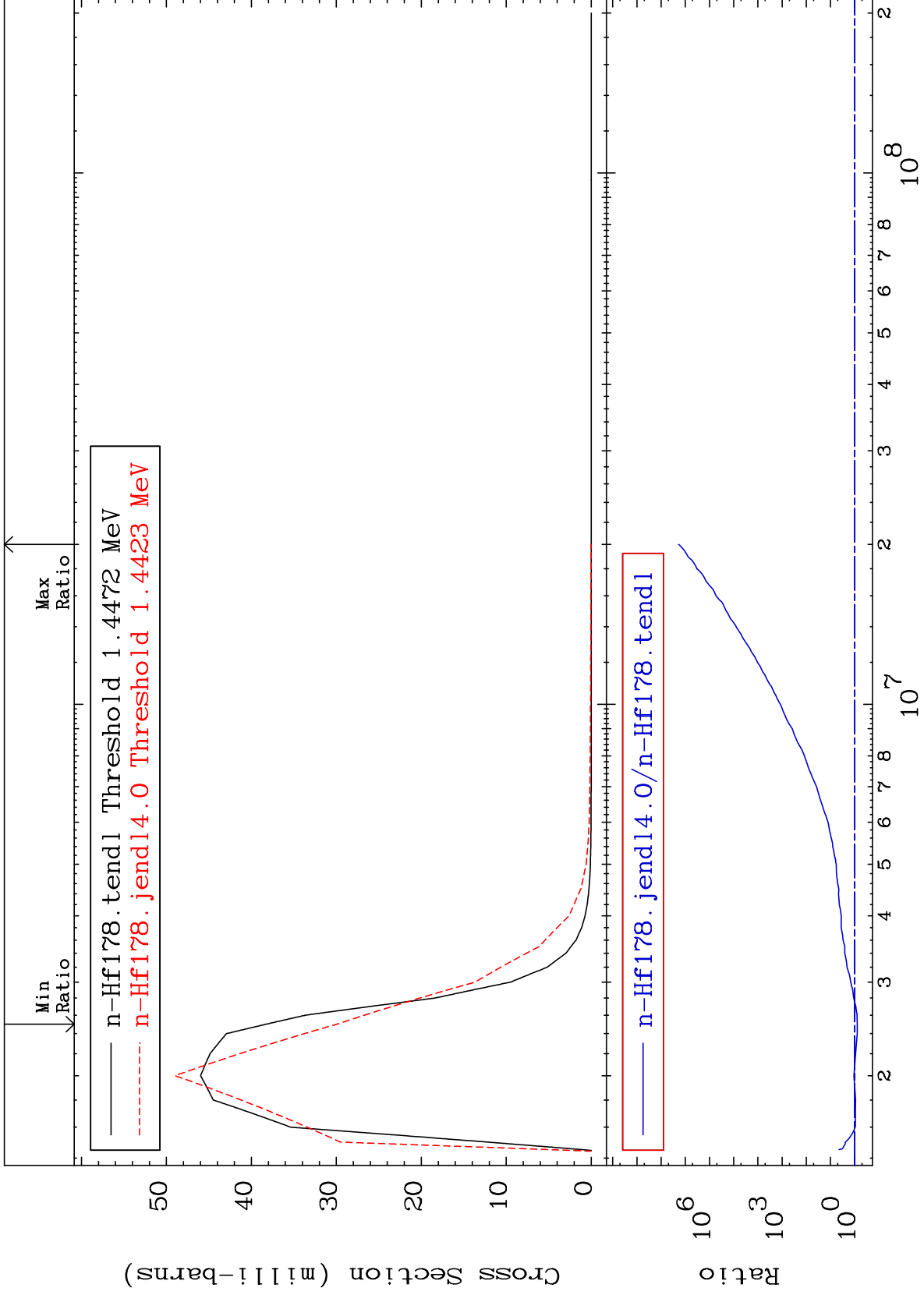




MAT 7237

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

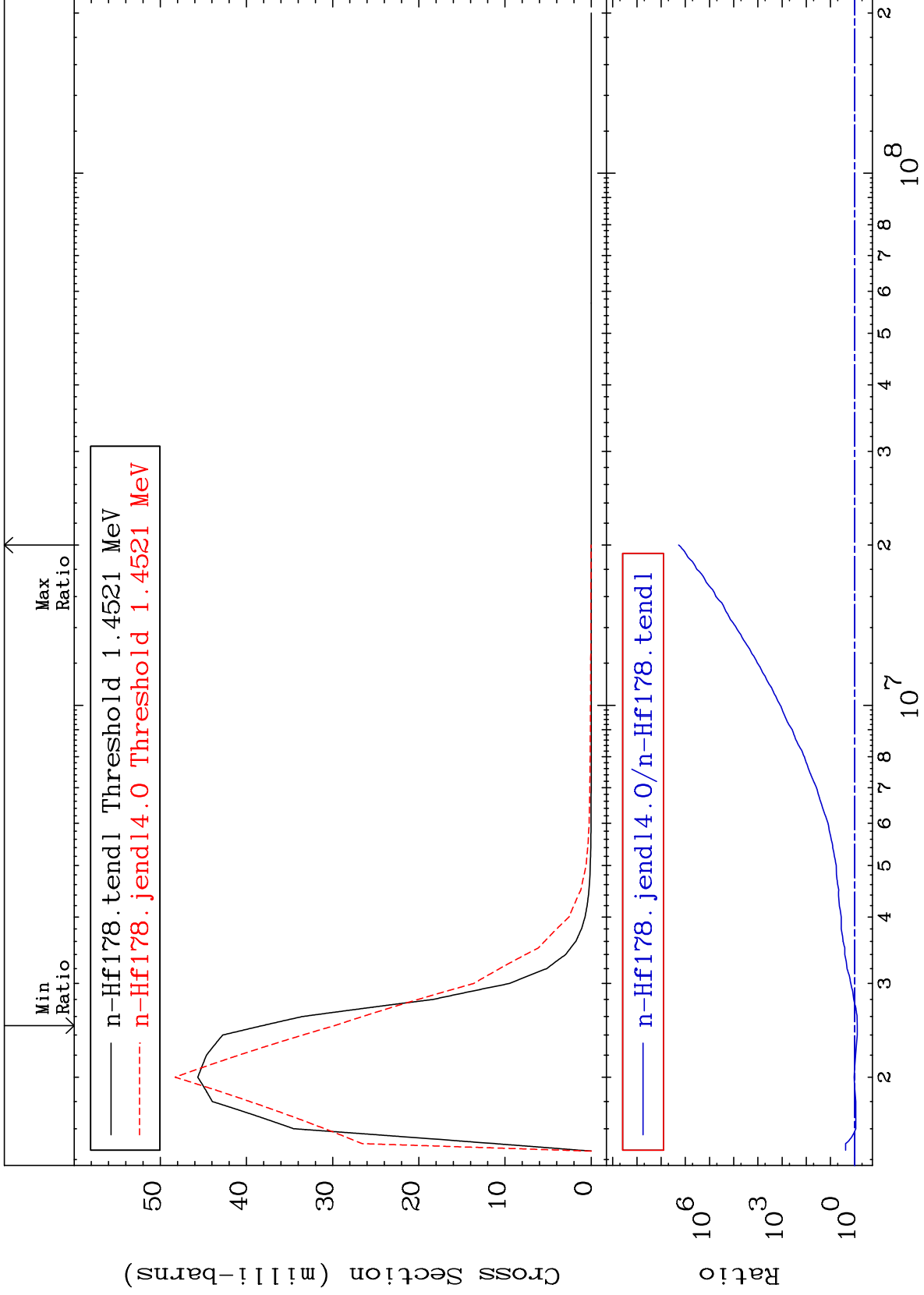
72-Hf-178
-21.74 To 9999. %



MAT 7237

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

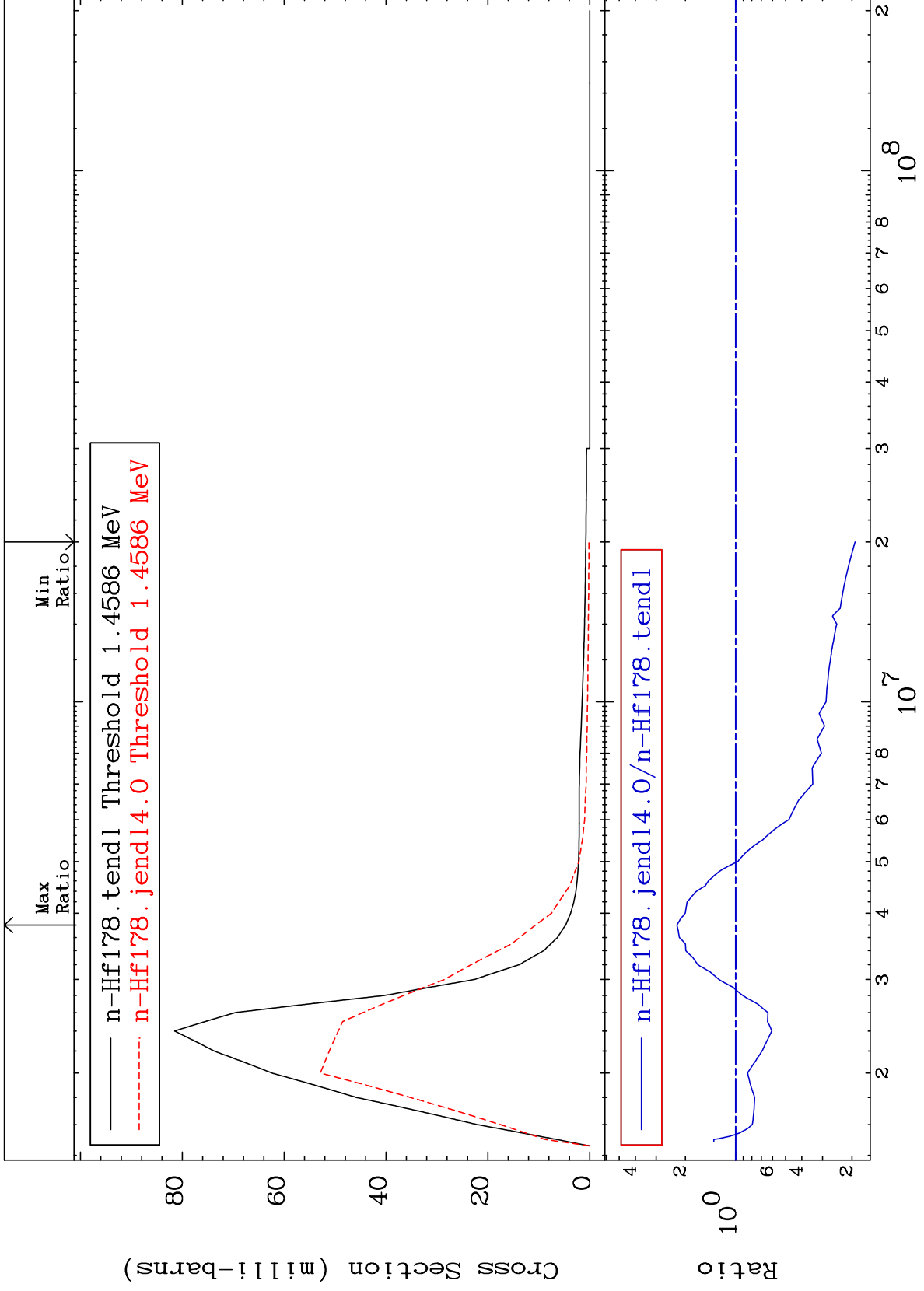
72-Hf-178
-21.93 To 9999. %



MAT 7237

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

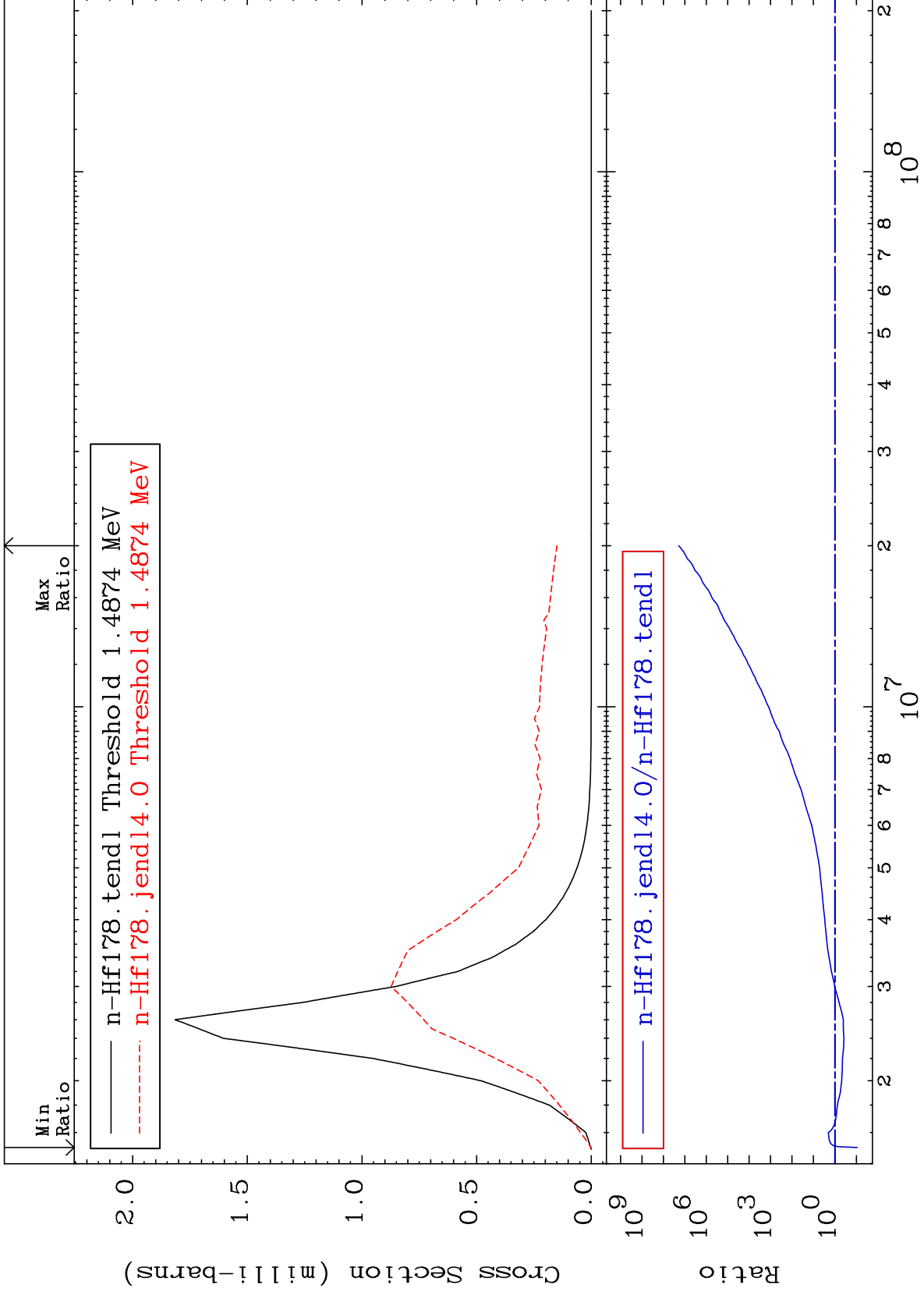
72-Hf-178
-80.86 To 125.1 %



MAT 7237

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

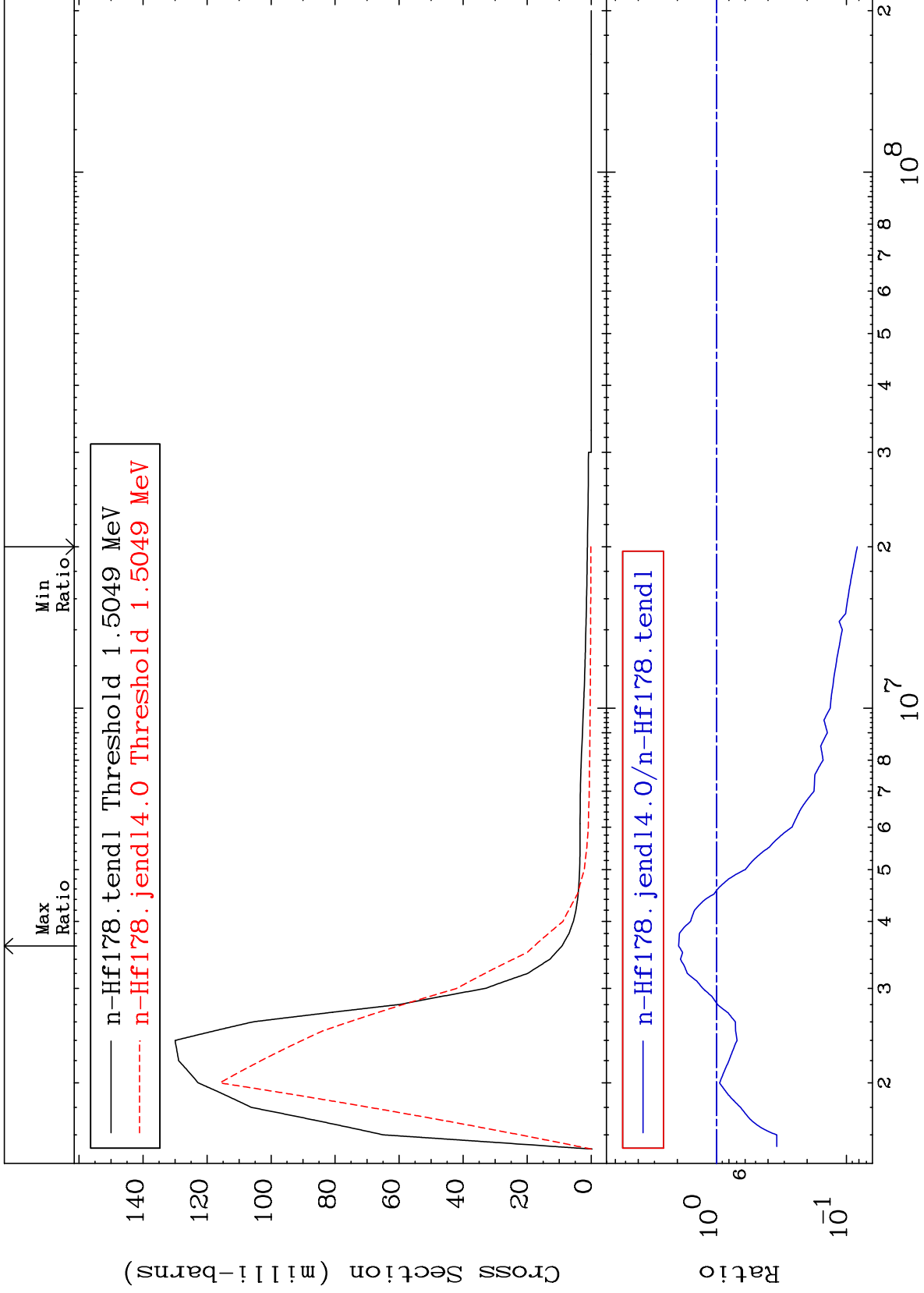
72-Hf-178
-90.96 To 9999. %



MAT 7237

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

72-Hf-178
-91.76 To 95.25 %



30

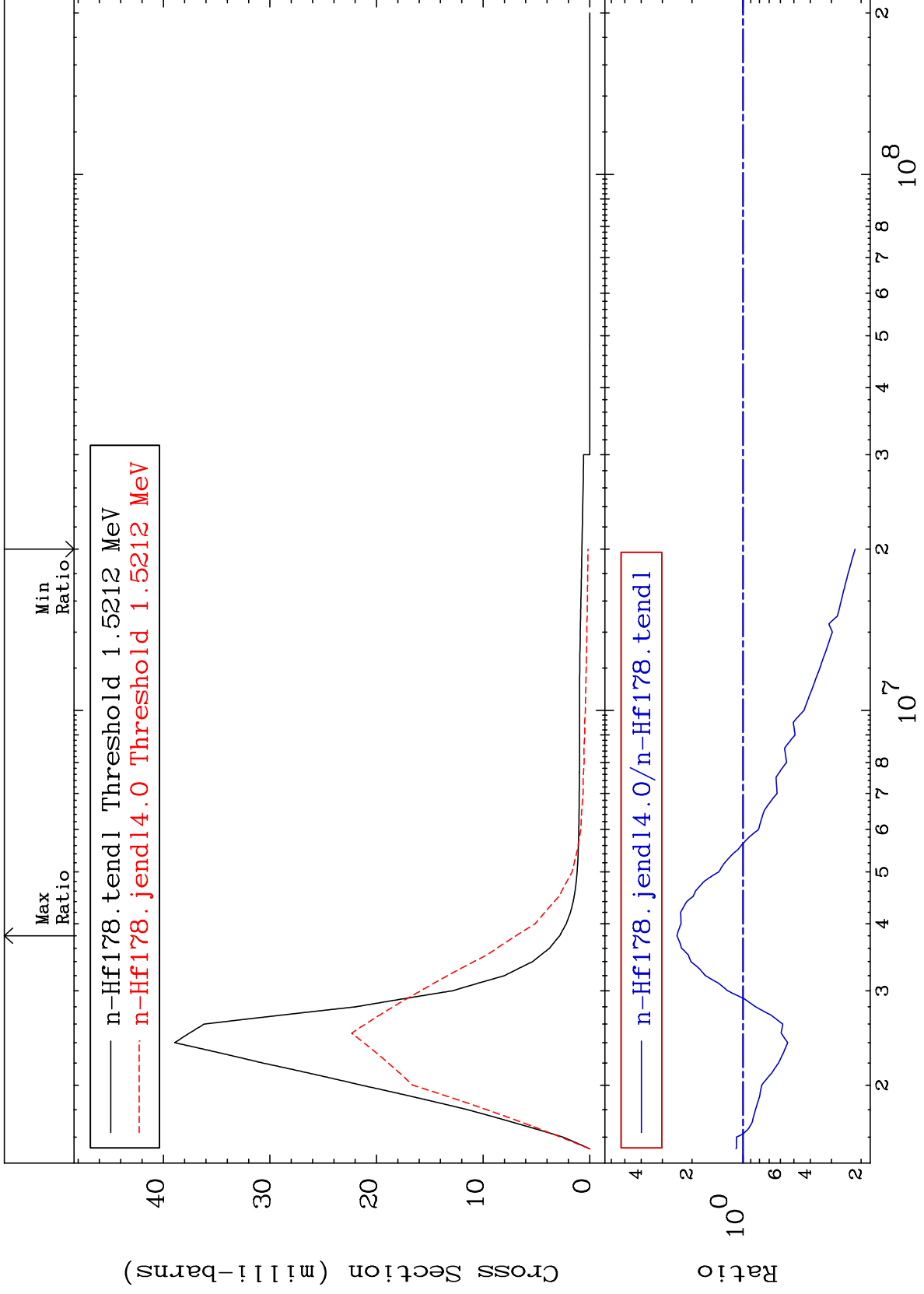
Incident Energy (eV)

72-Hf-178

MAT 7237

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

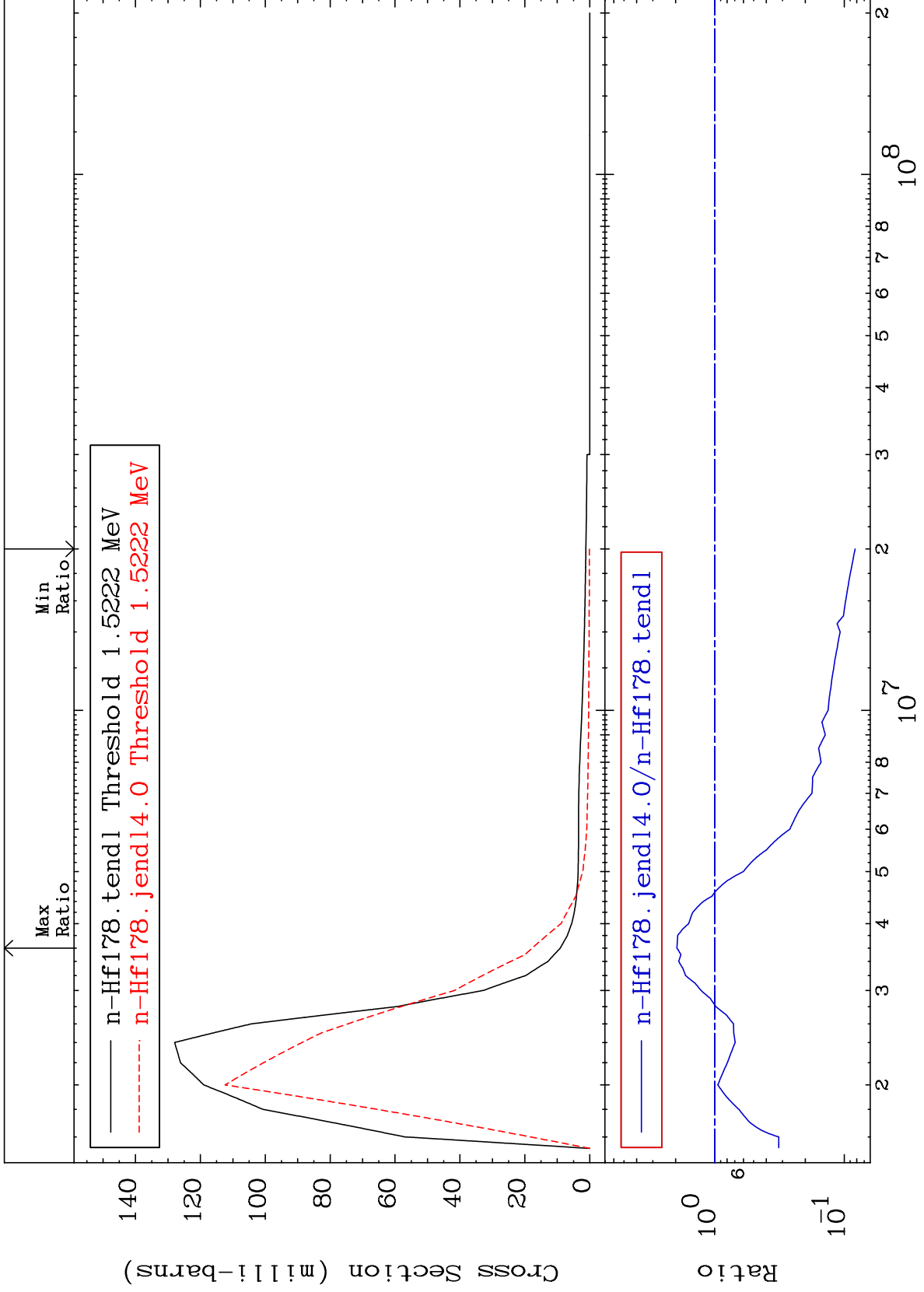
72-Hf-178
-78.27 To 145.8 %



MAT 7237

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

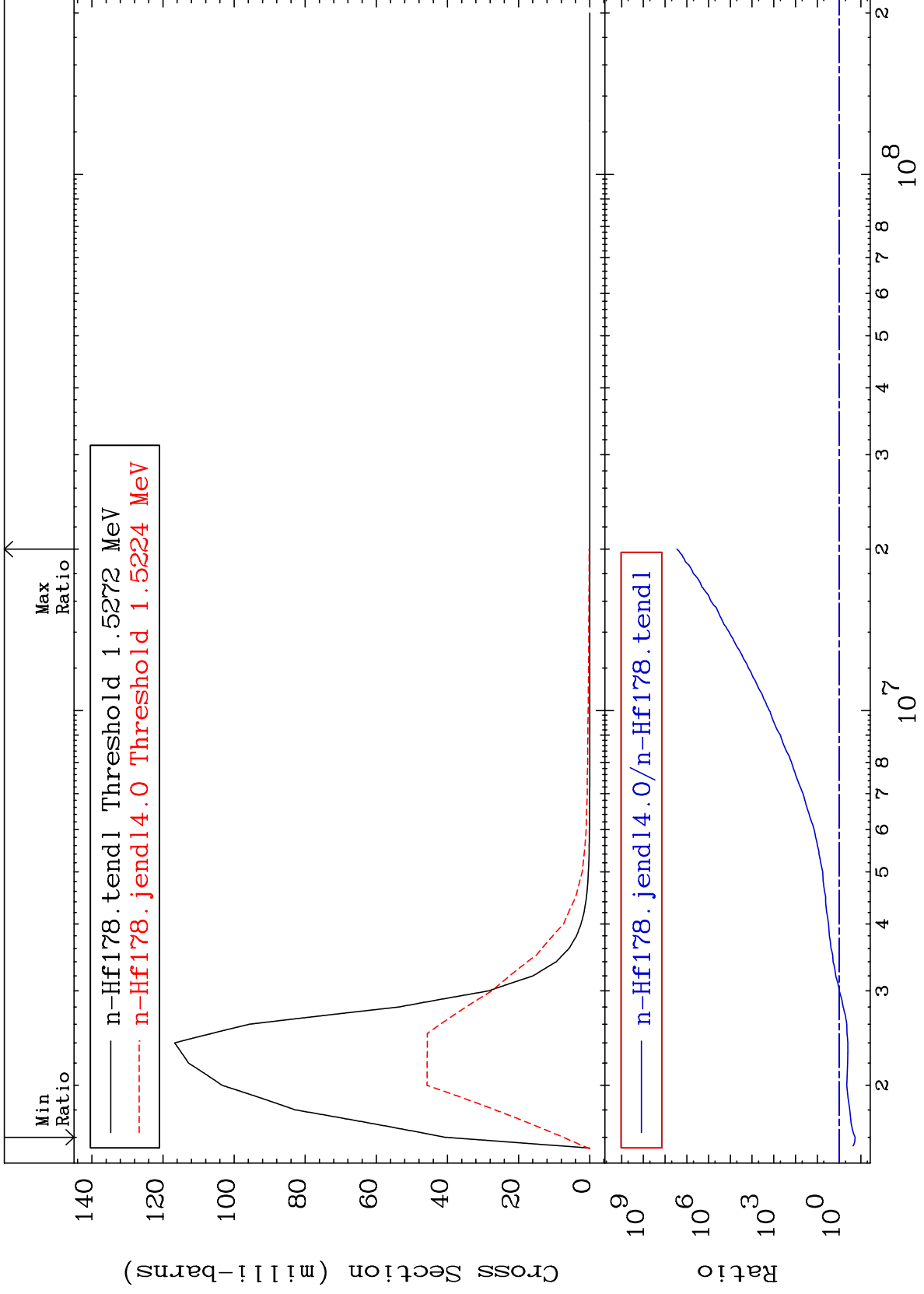
72-Hf-178
-91.76 To 95.38 %

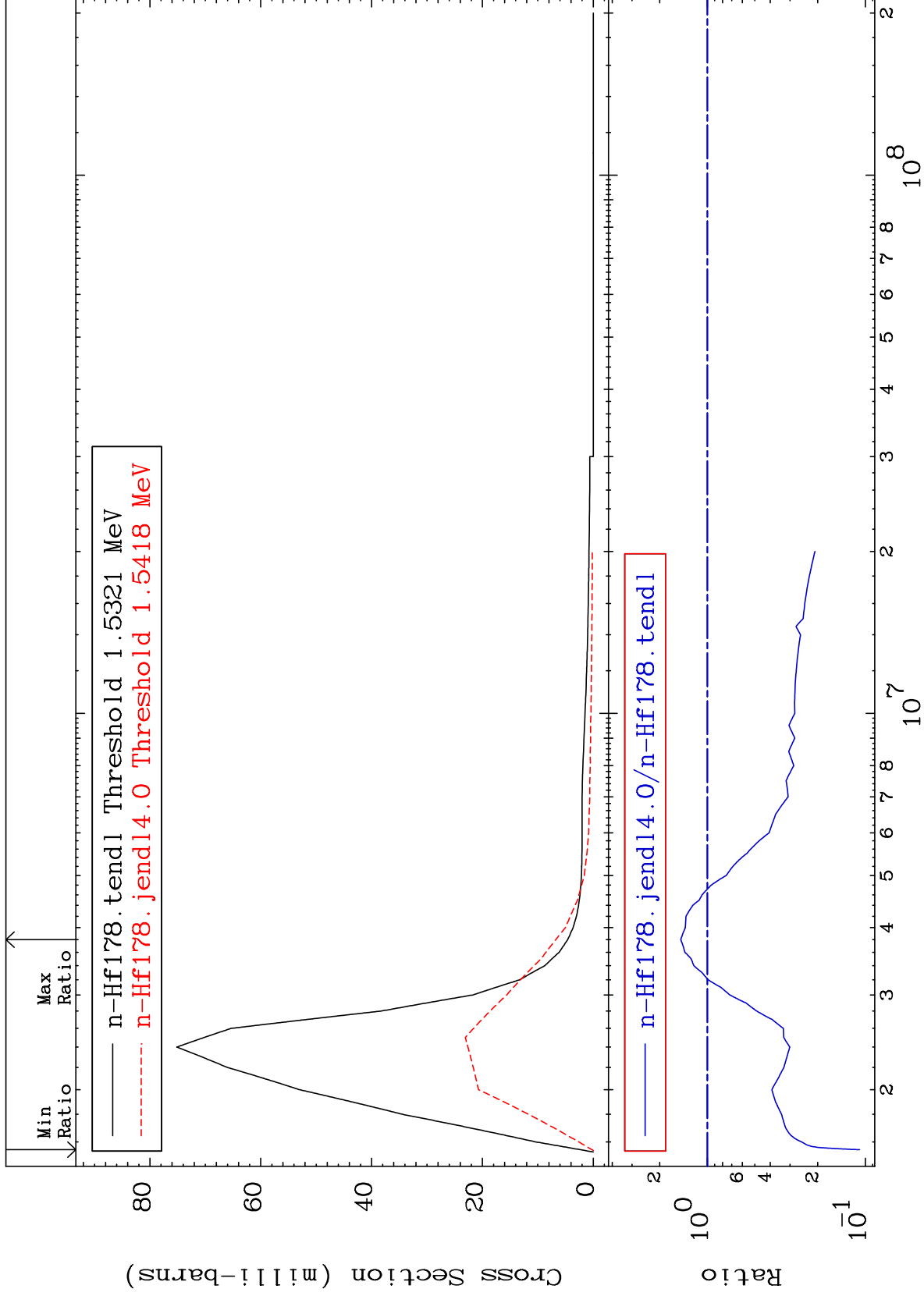


MAT 7237

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

72-Hf-178
-81.68 To 9999. %

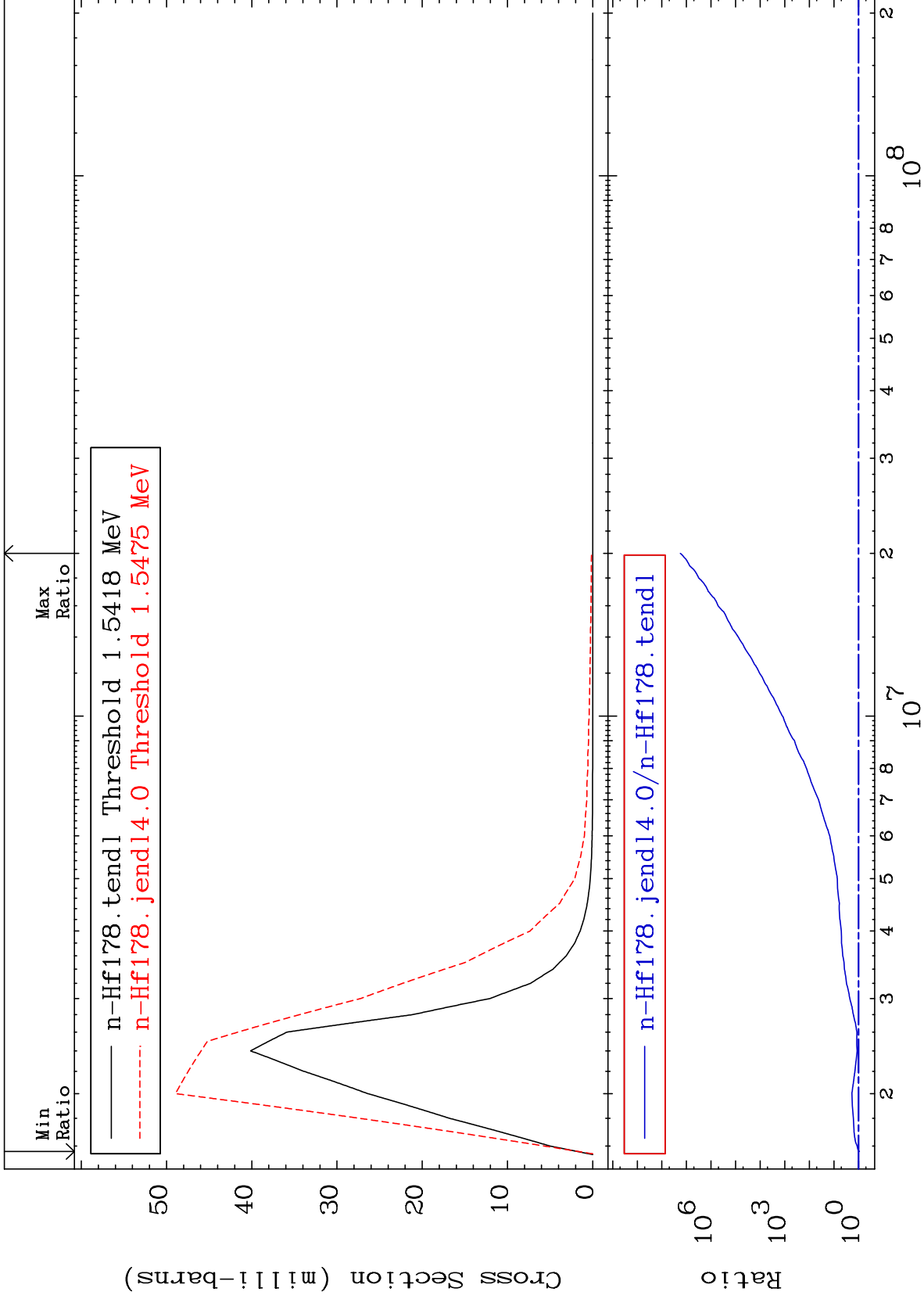




MAT 7237

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

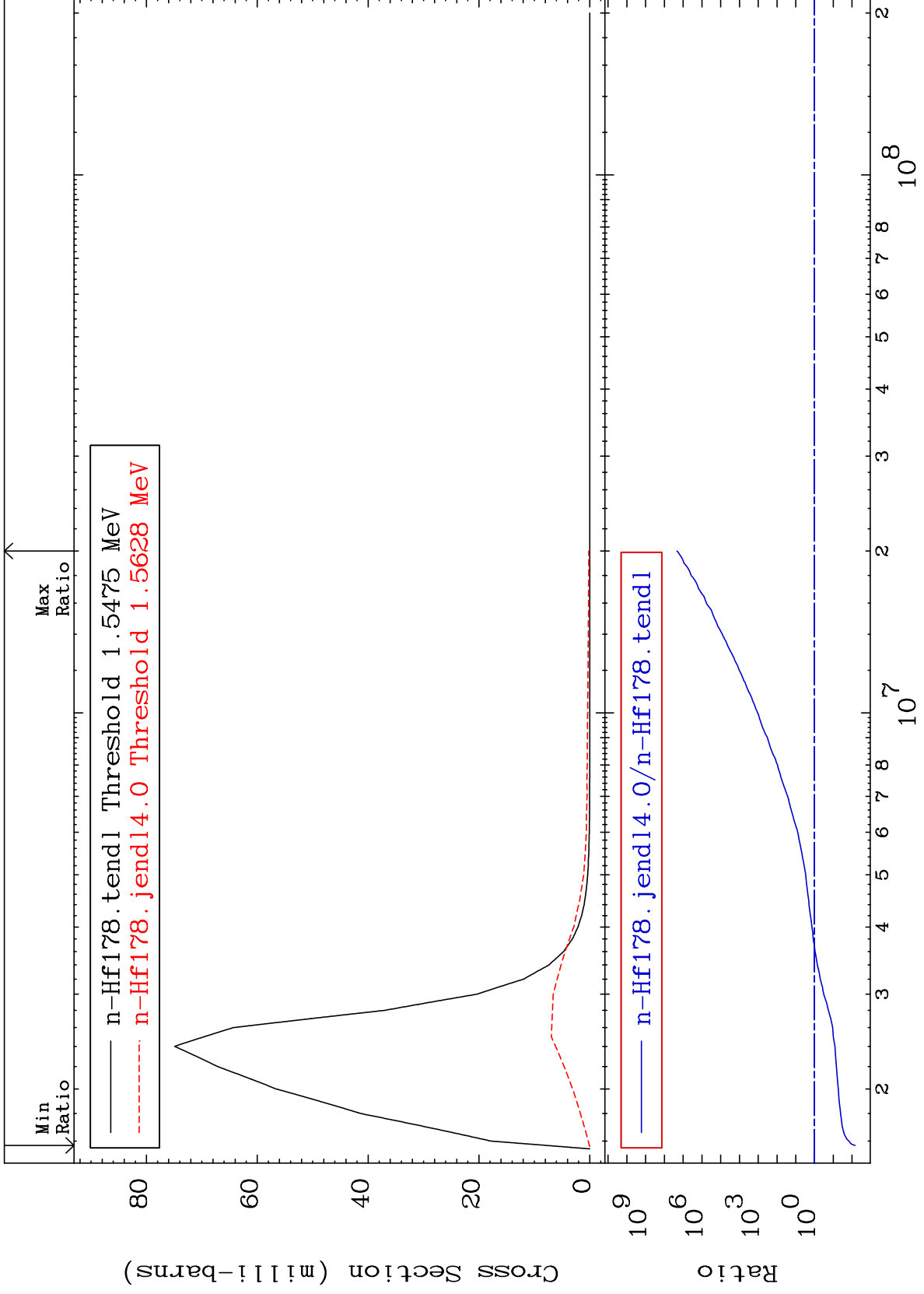
72-Hf-178
-8.407 To 9999. %

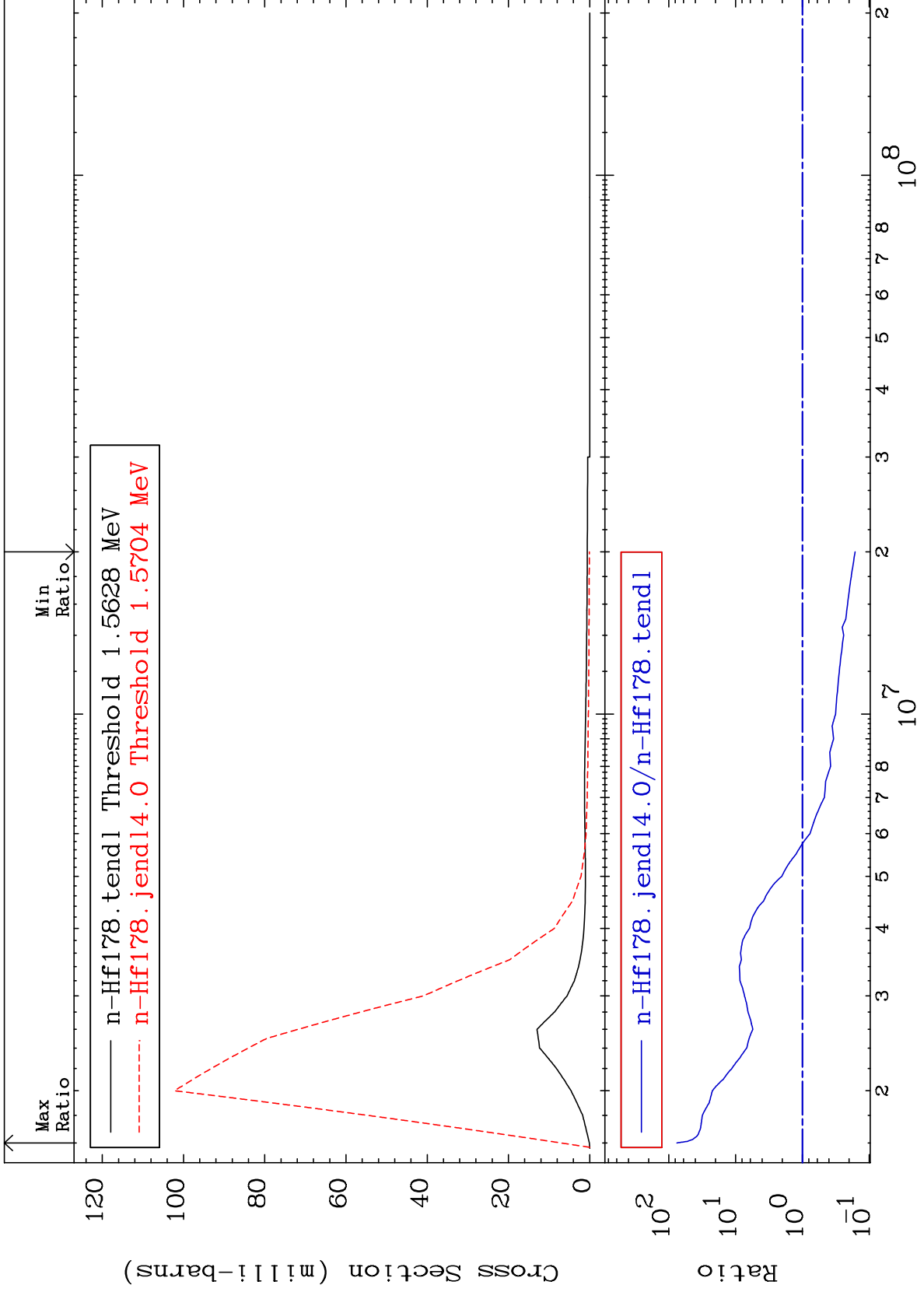


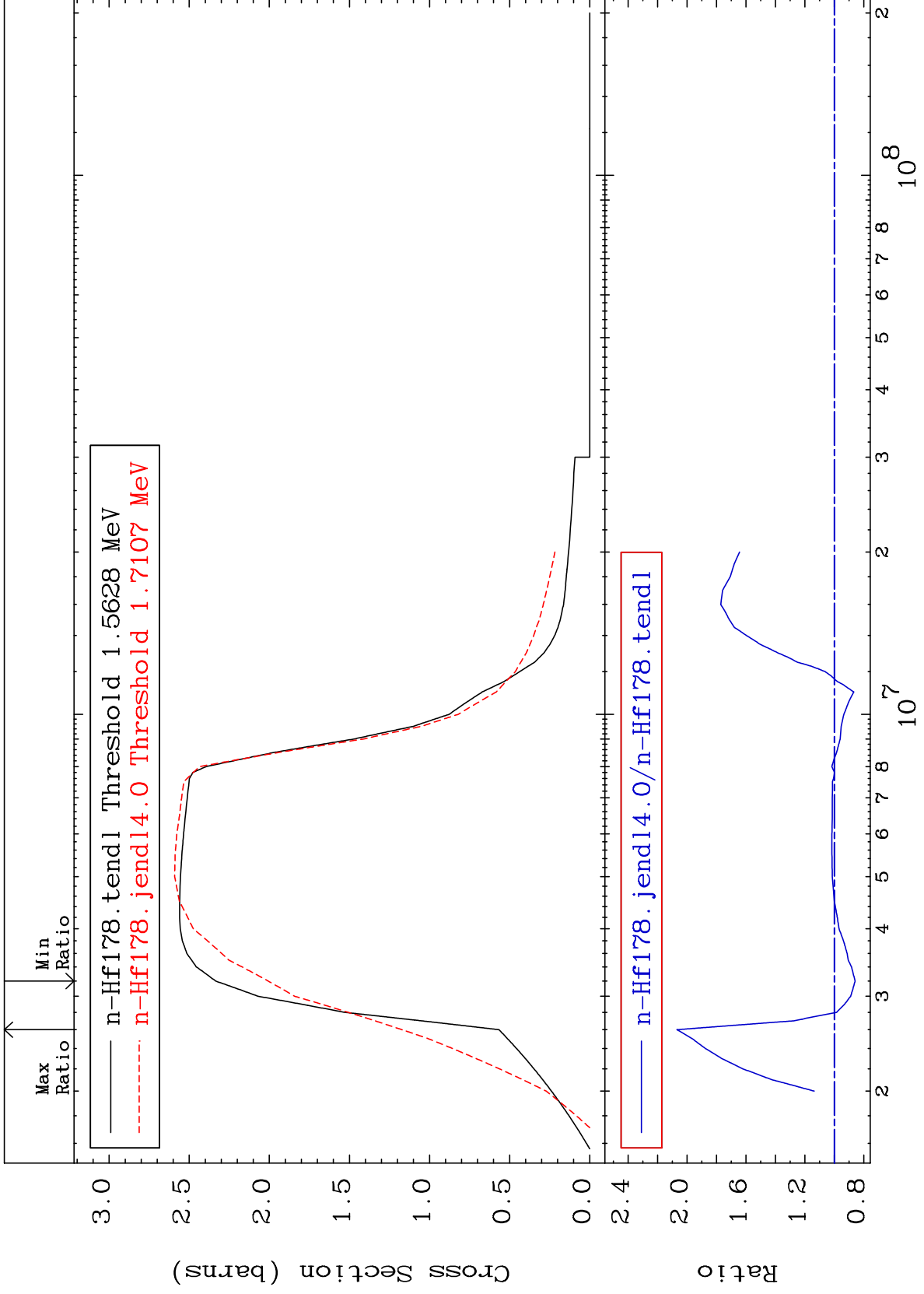
MAT 7237

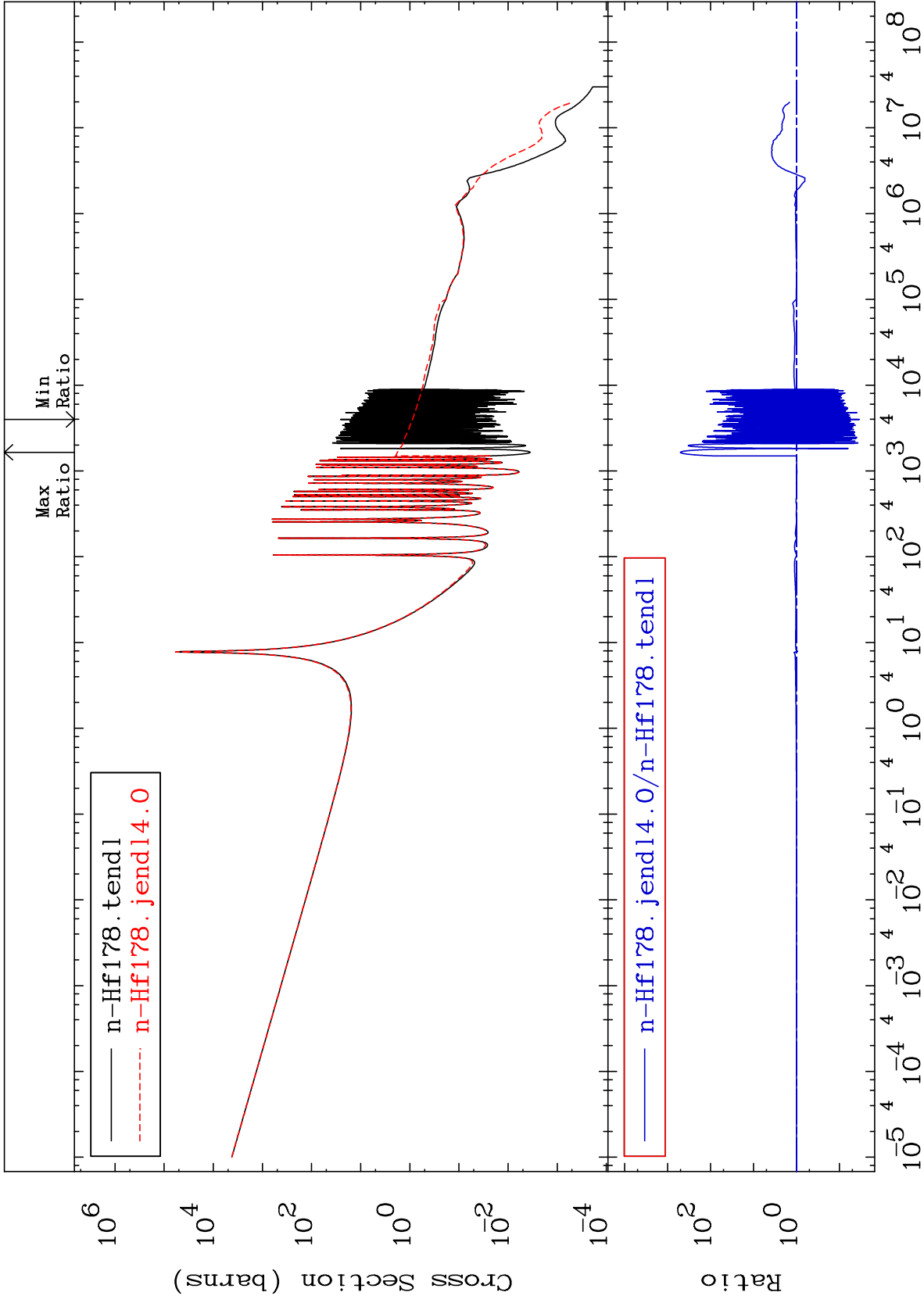
MT= 78 (n,n') Level
Cross Section

72-Hf-178
-99.31 To 9999. %



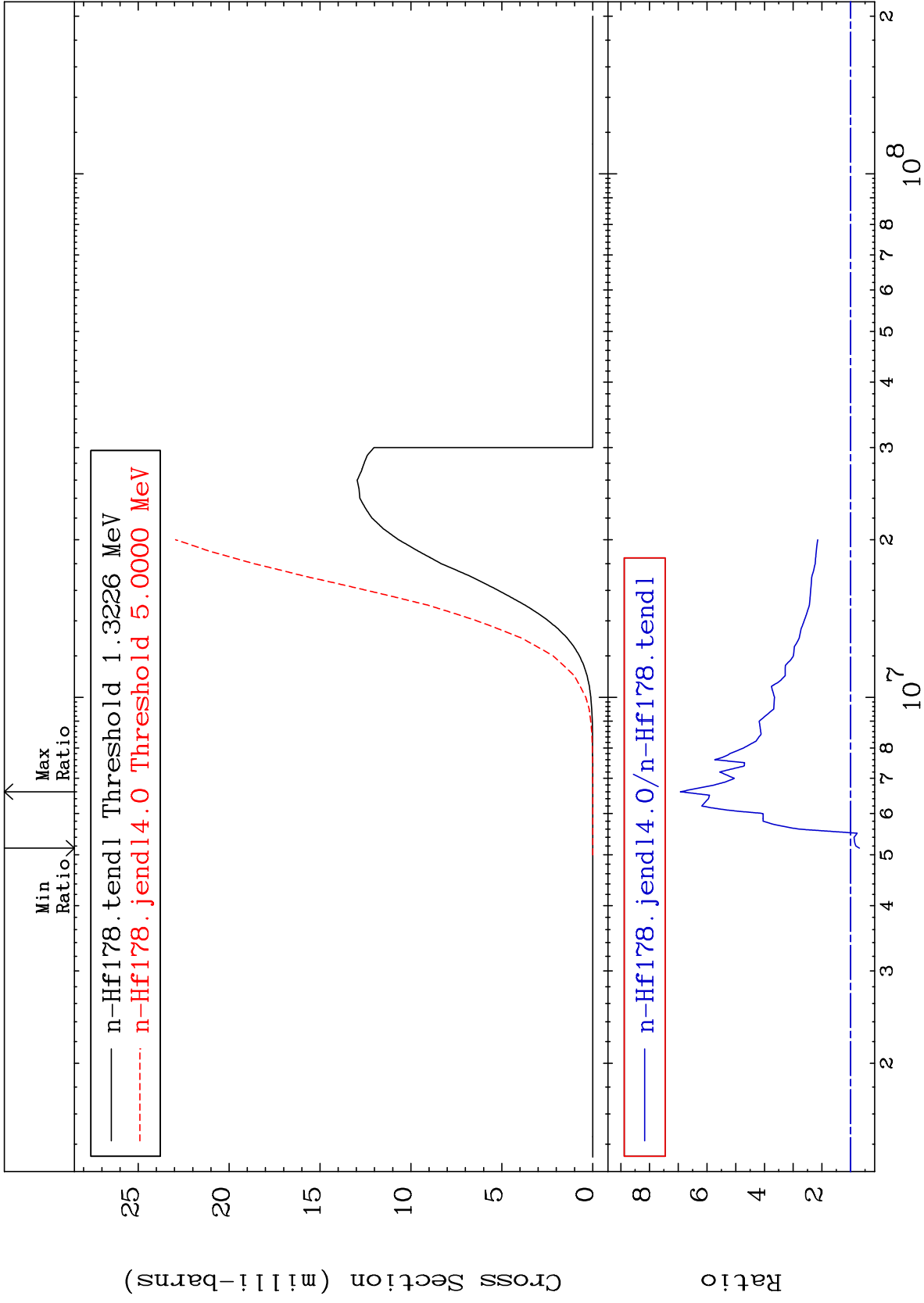


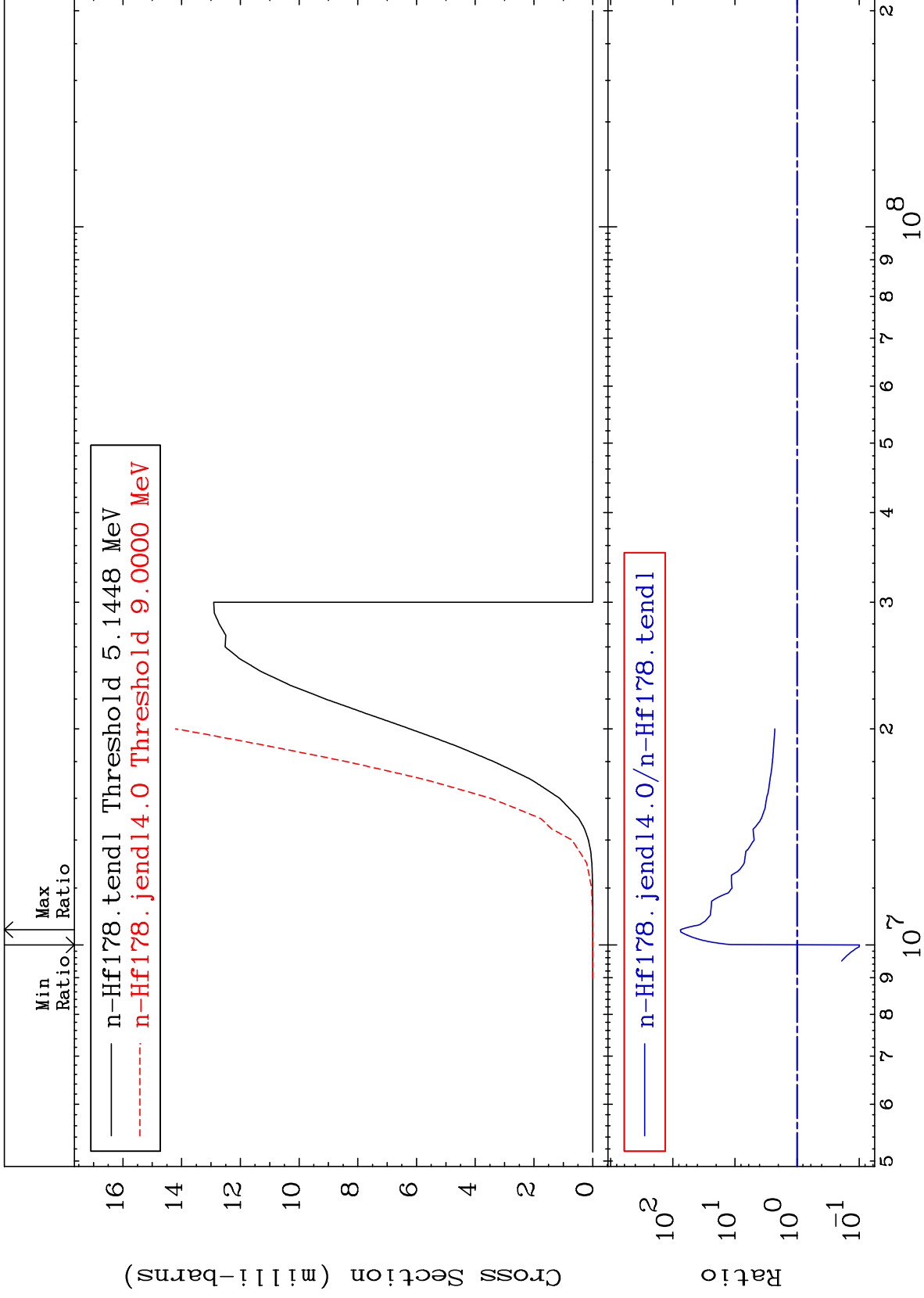




Cross Section

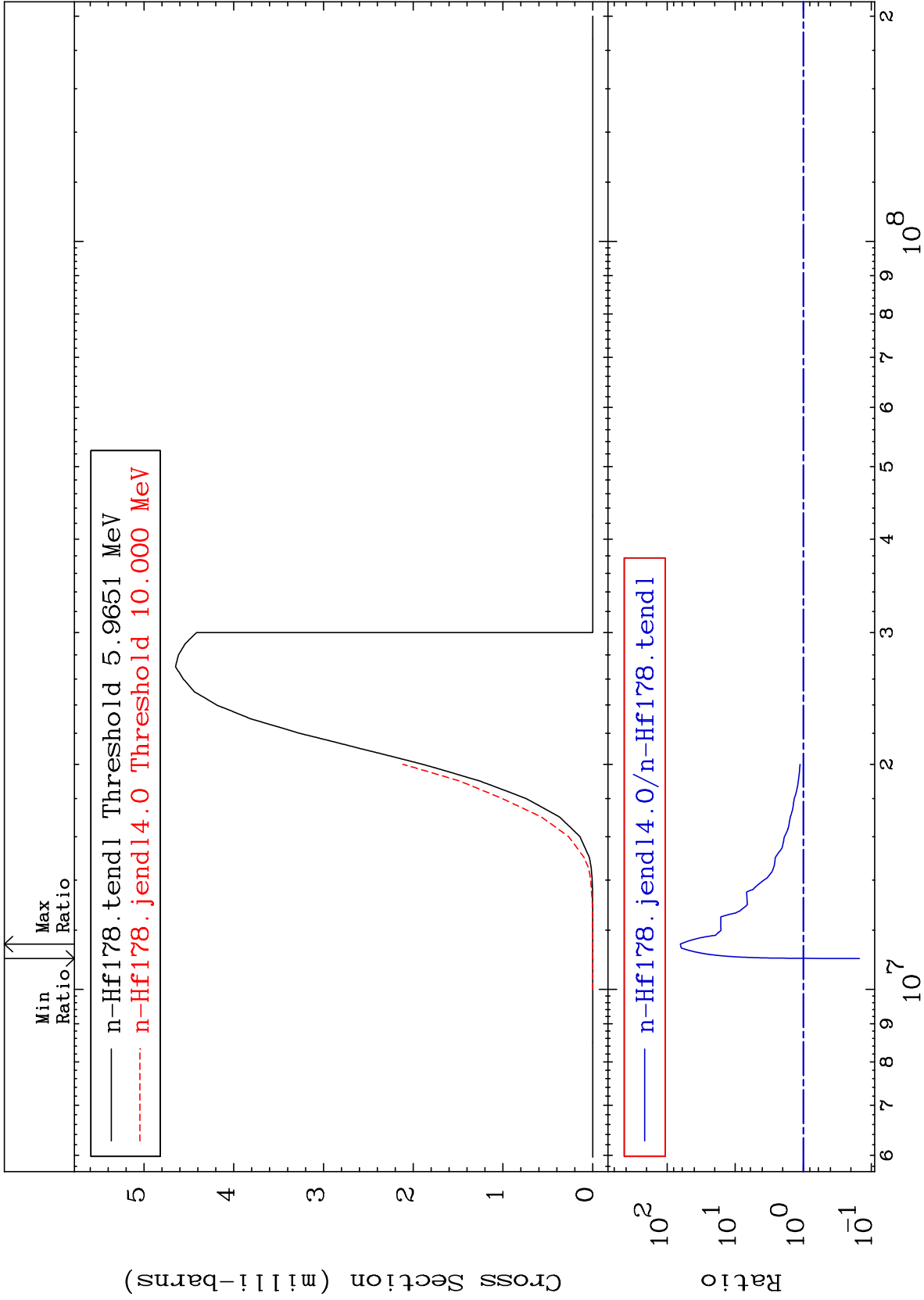
-30.59 To 592.7 %

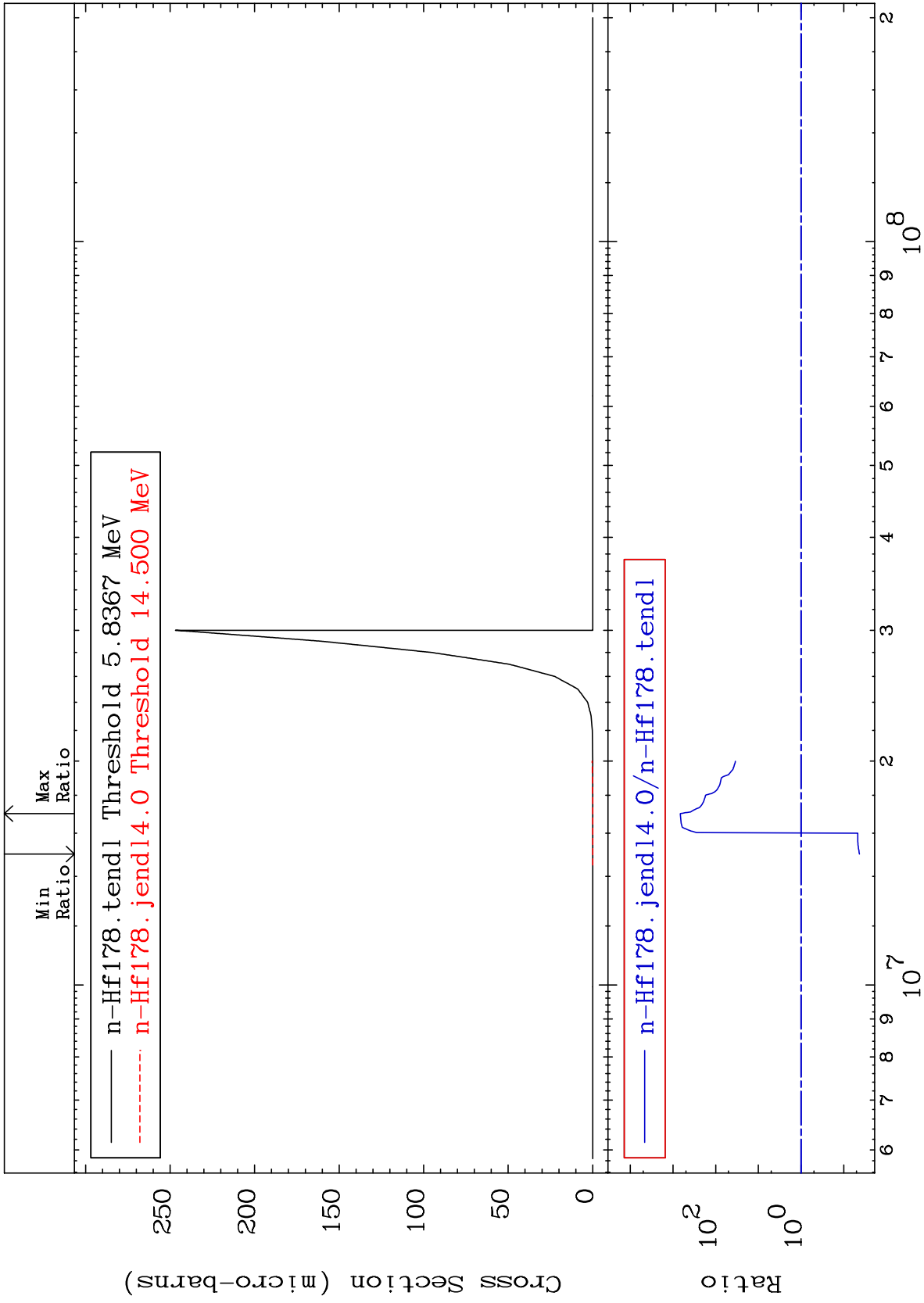




Cross Section

-85.04 To 6288. %

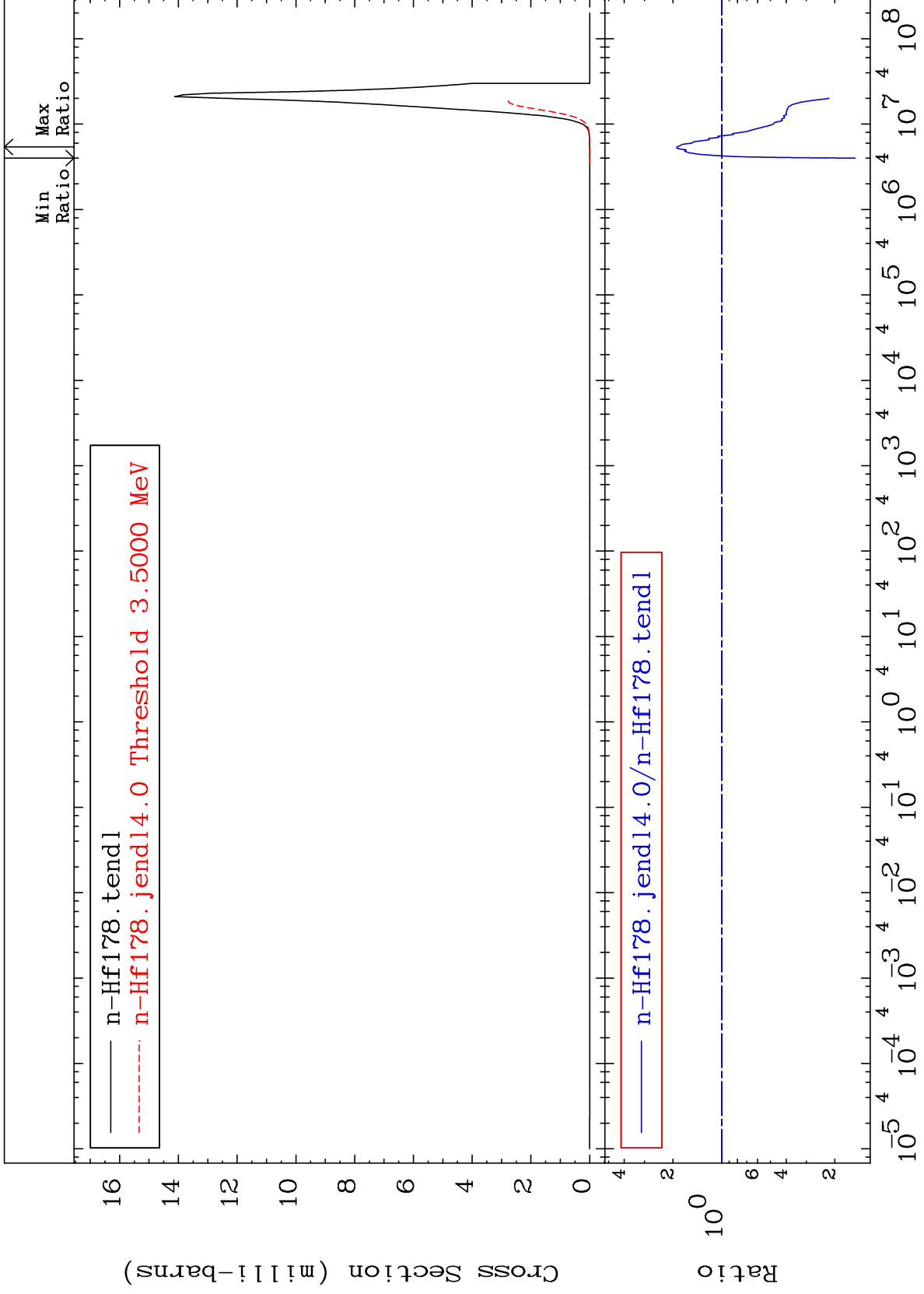


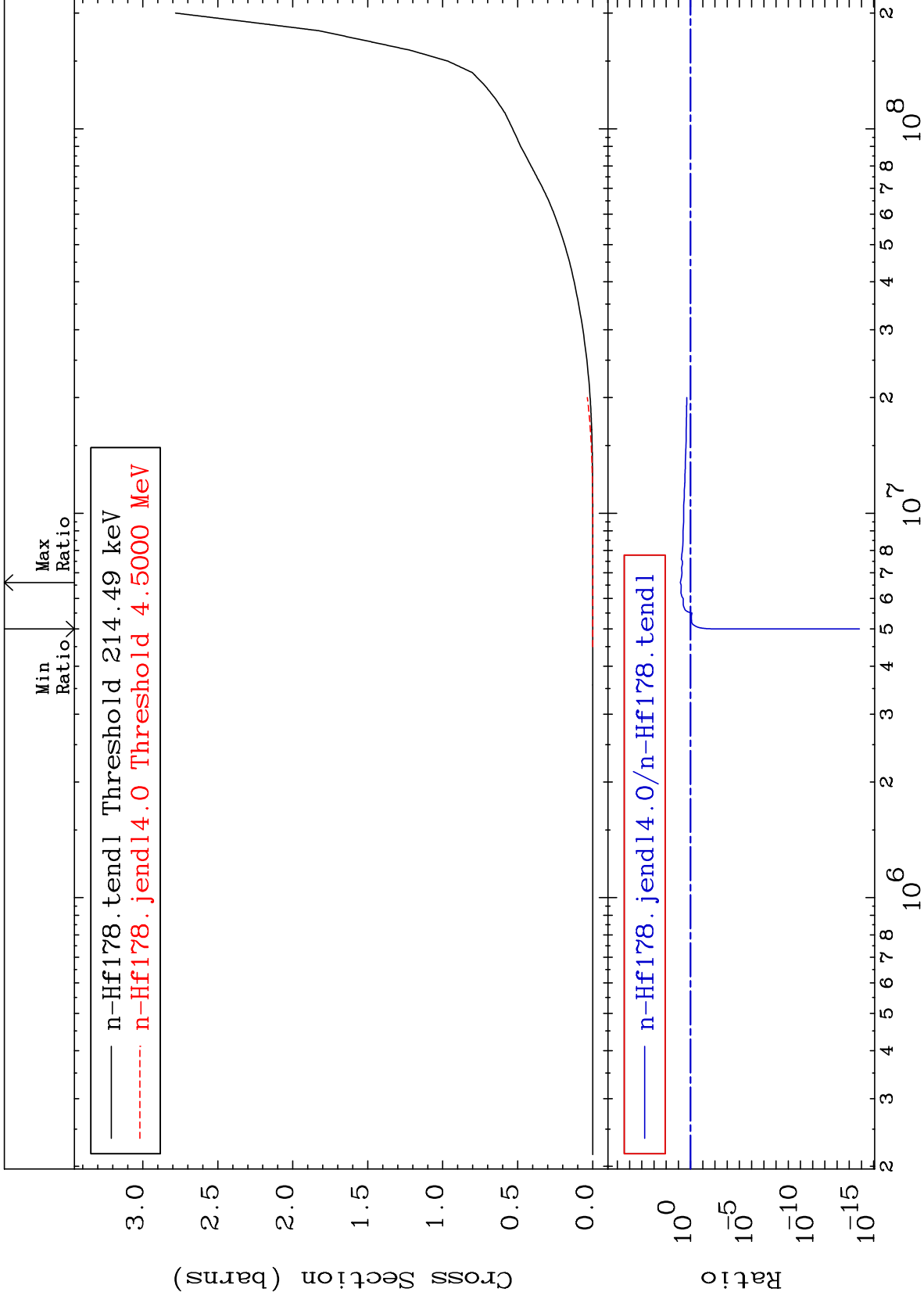


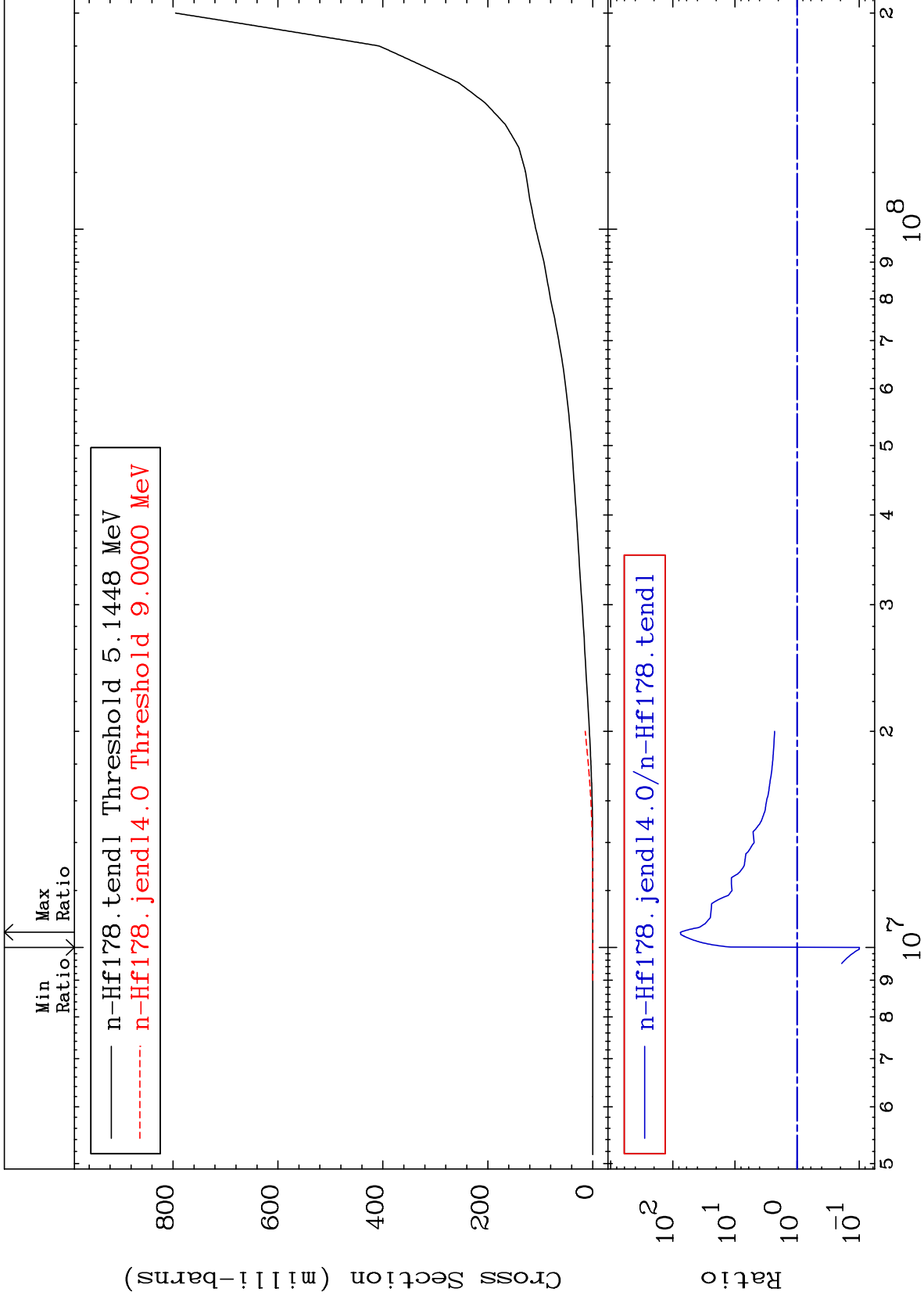
MAT 7237

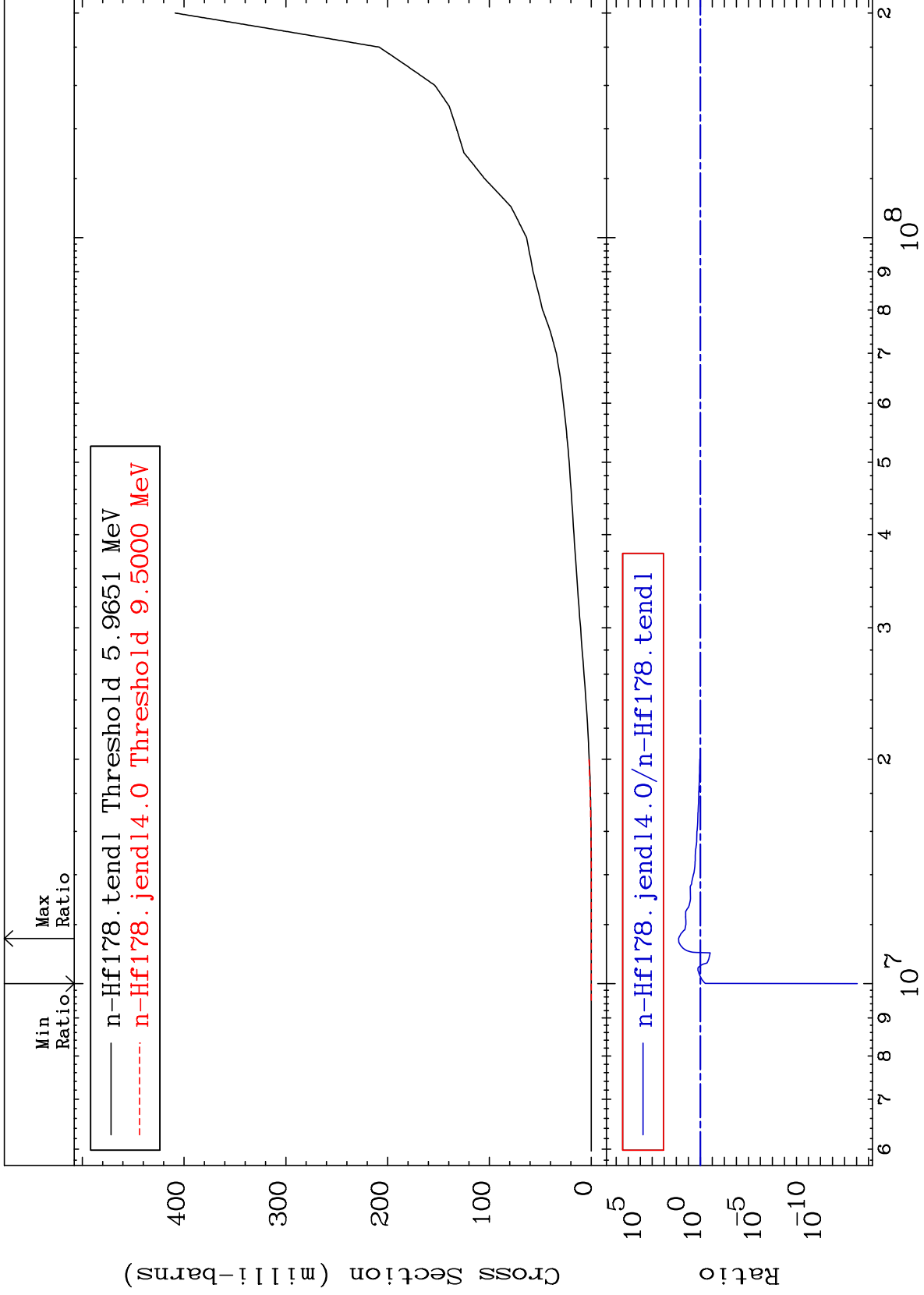
(n, α)
Cross Section

72-Hf-178
-85.01 To 89.14 %





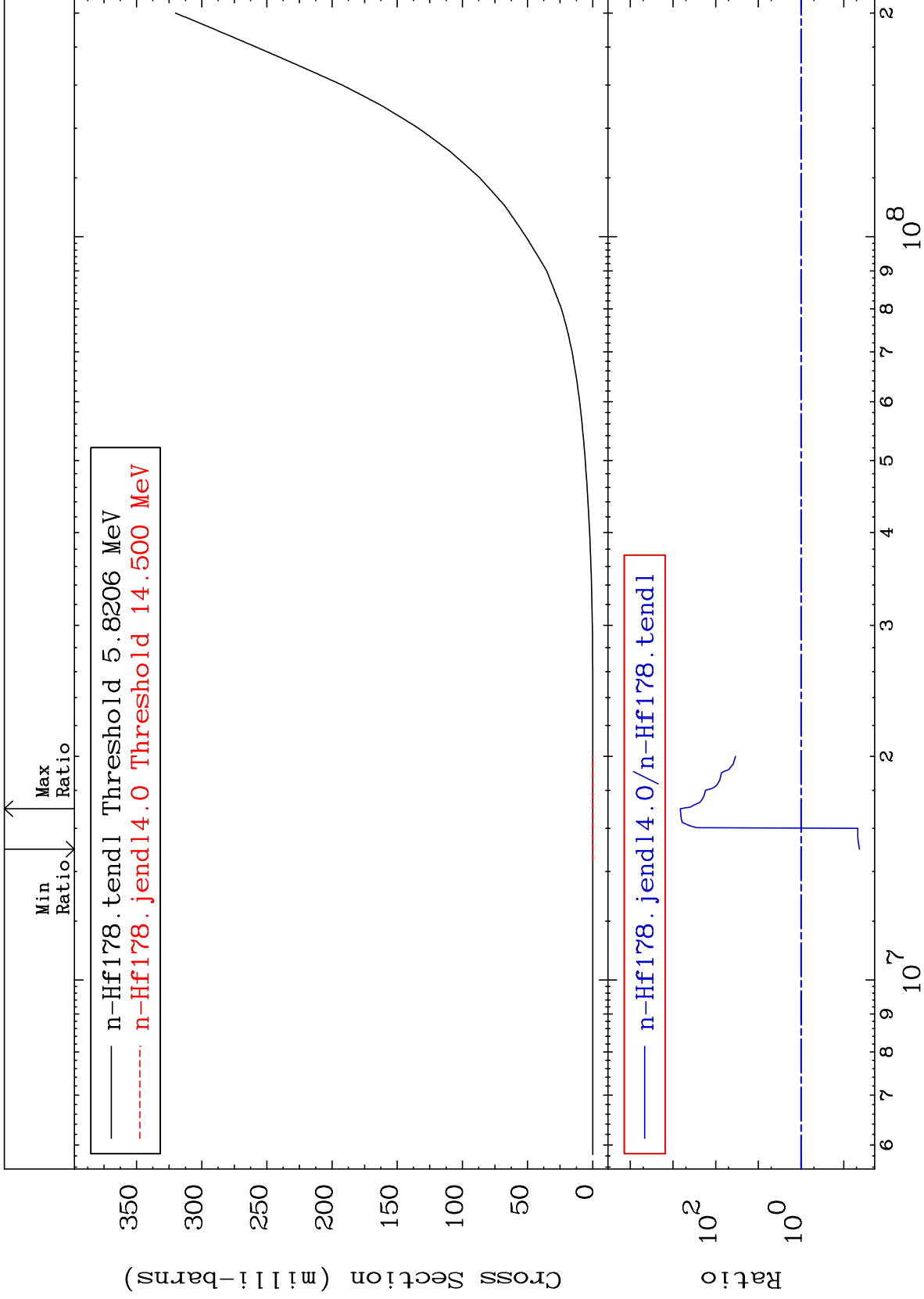


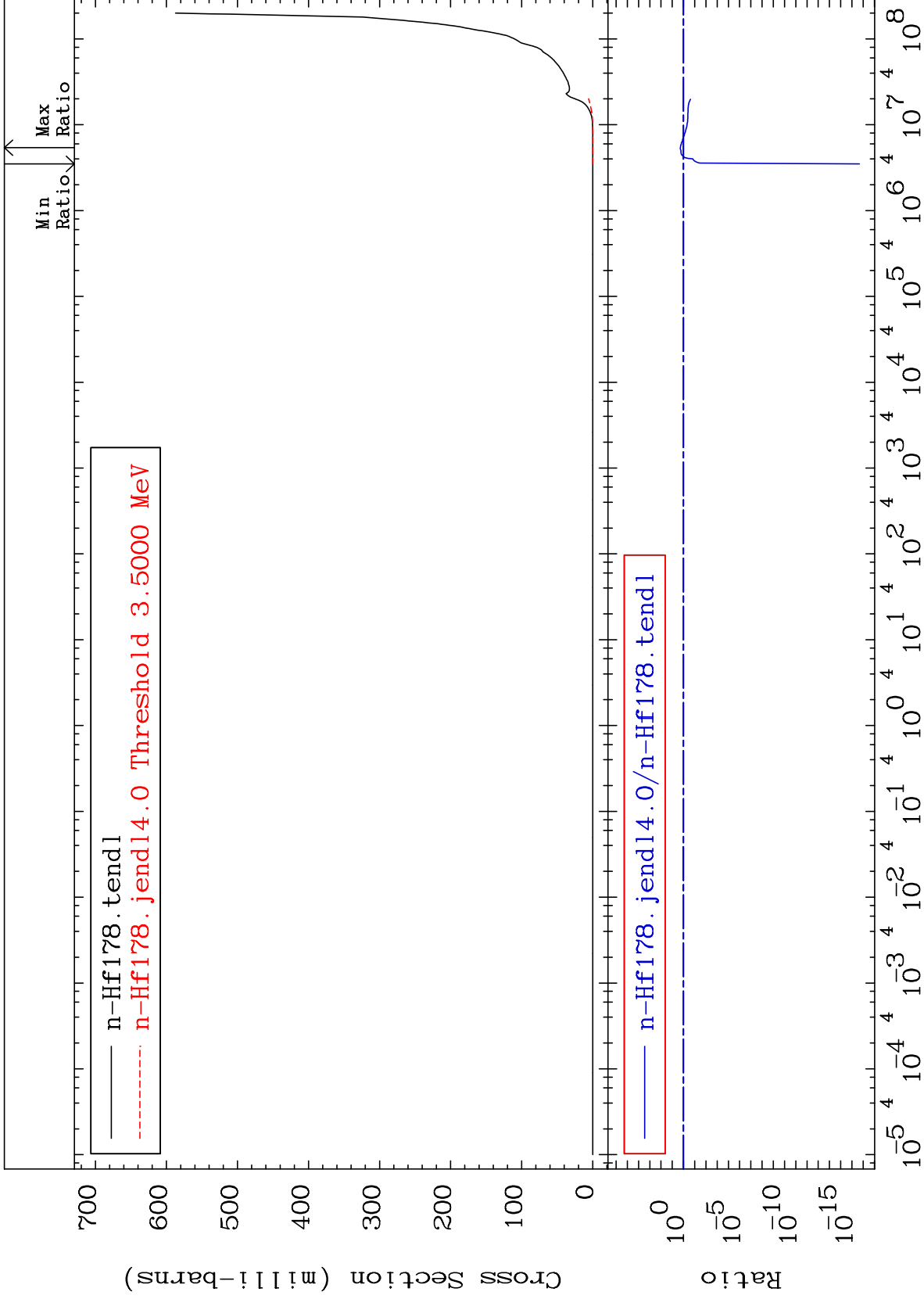


MAT 7237

He-3 Production
Cross Section

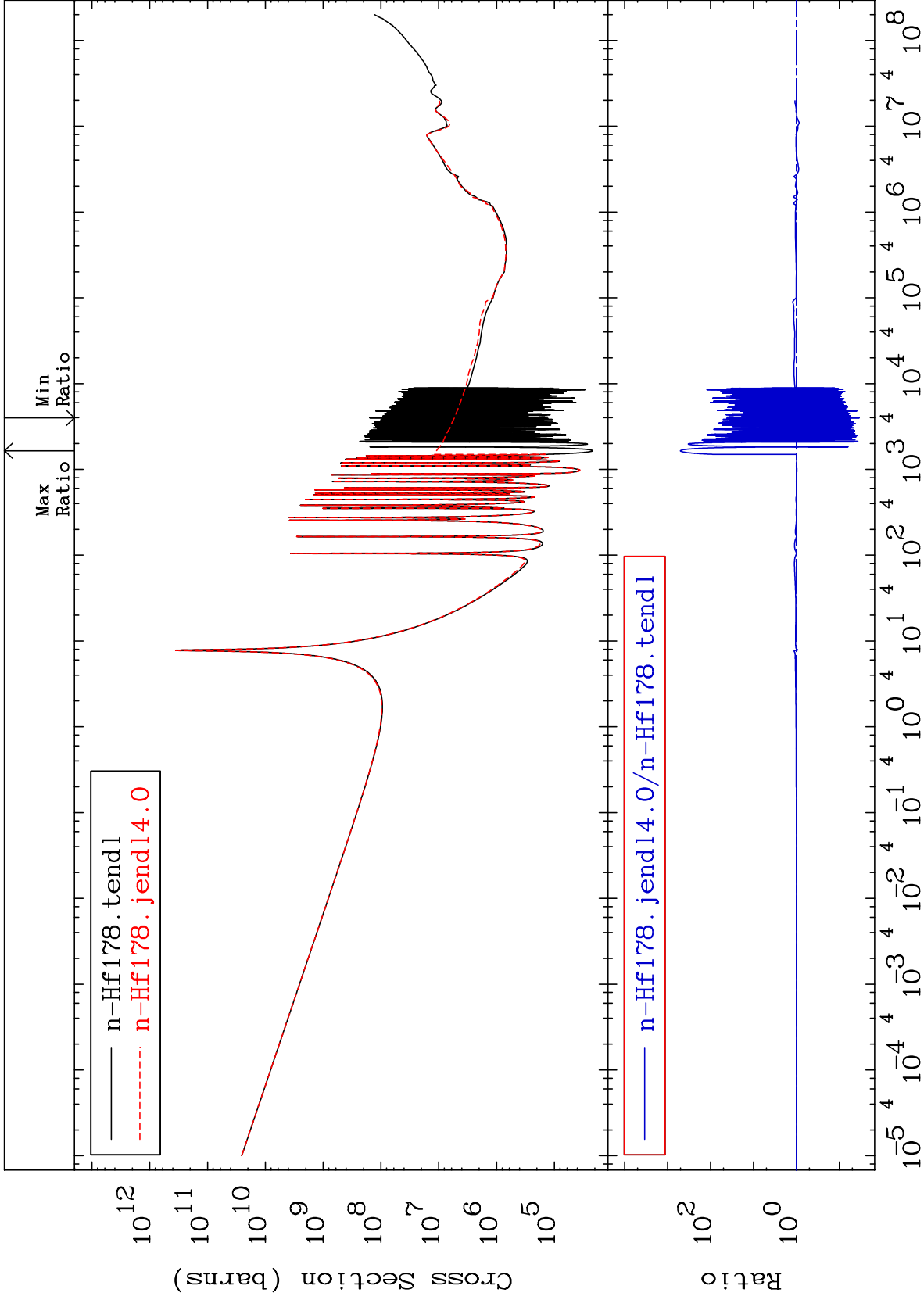
72-Hf-178
-95.72 To 9999. %

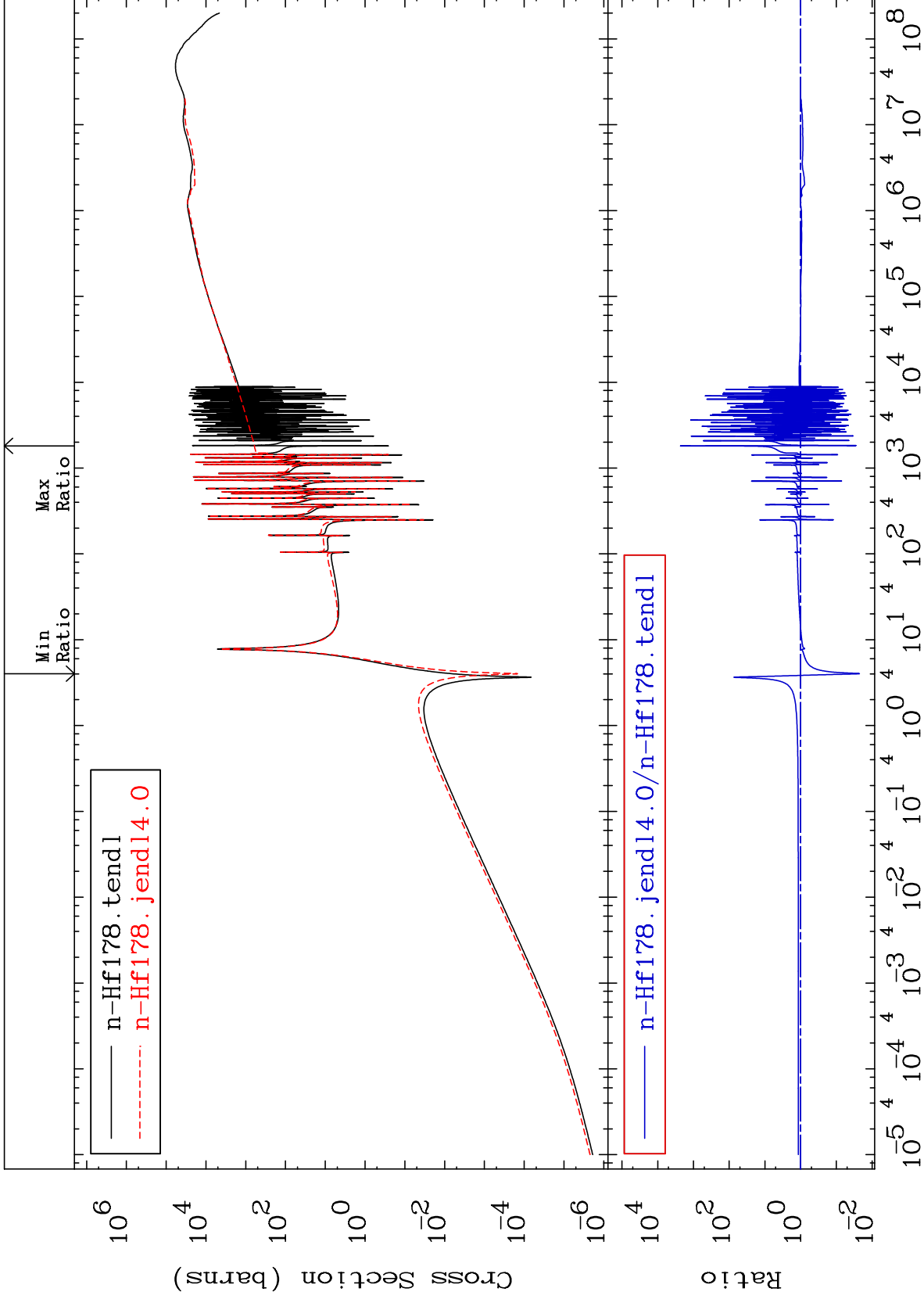


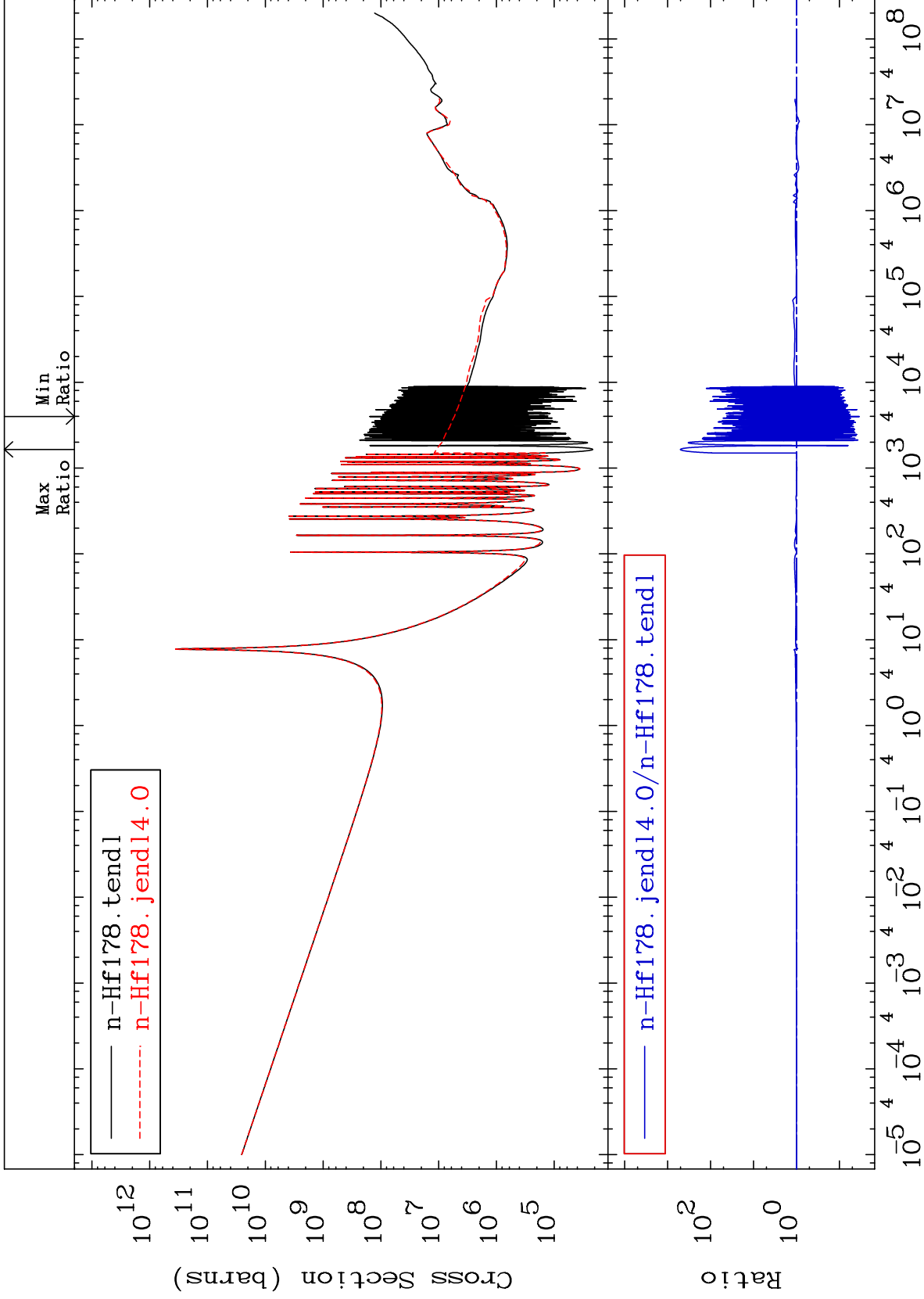


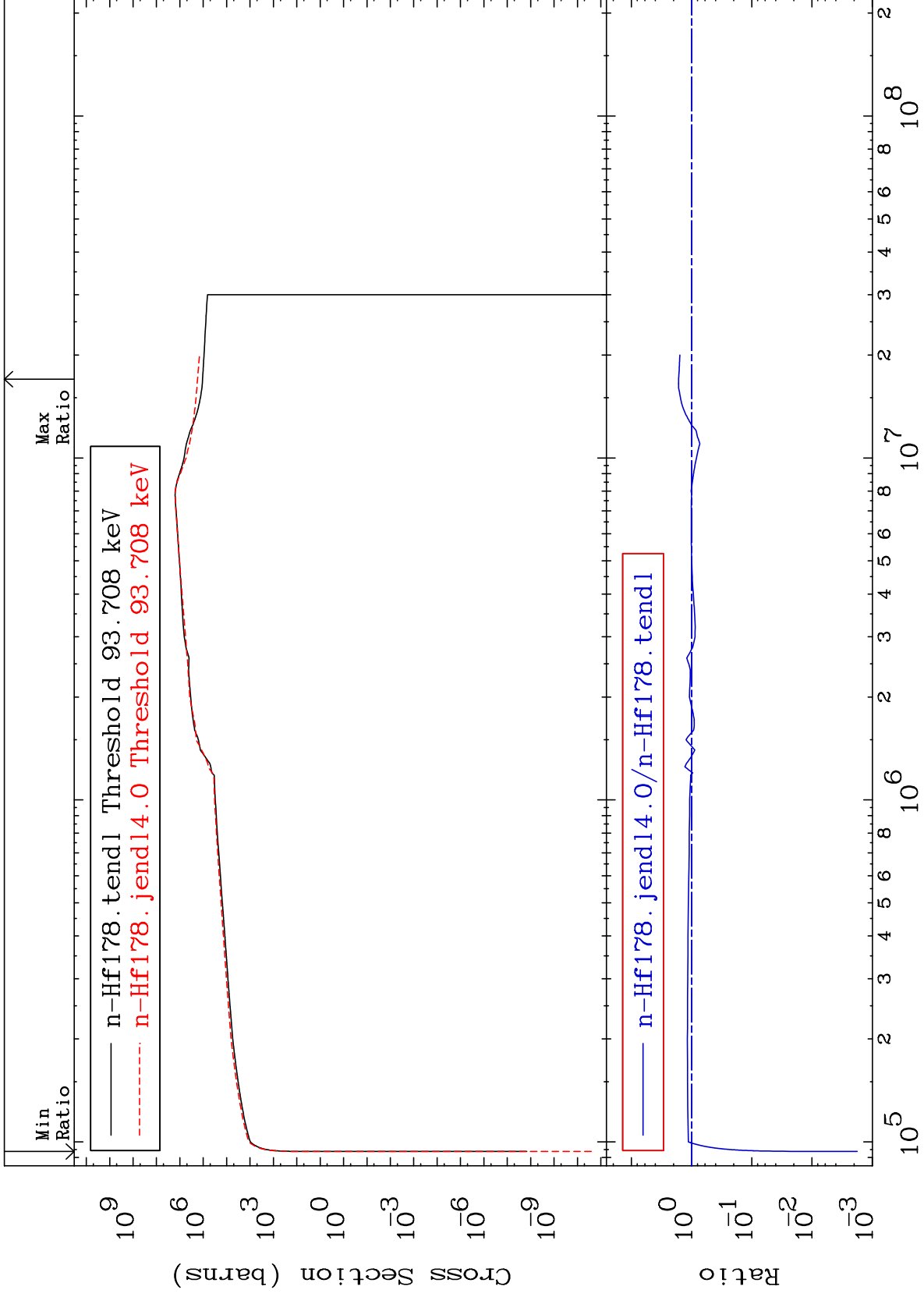
Cross Section

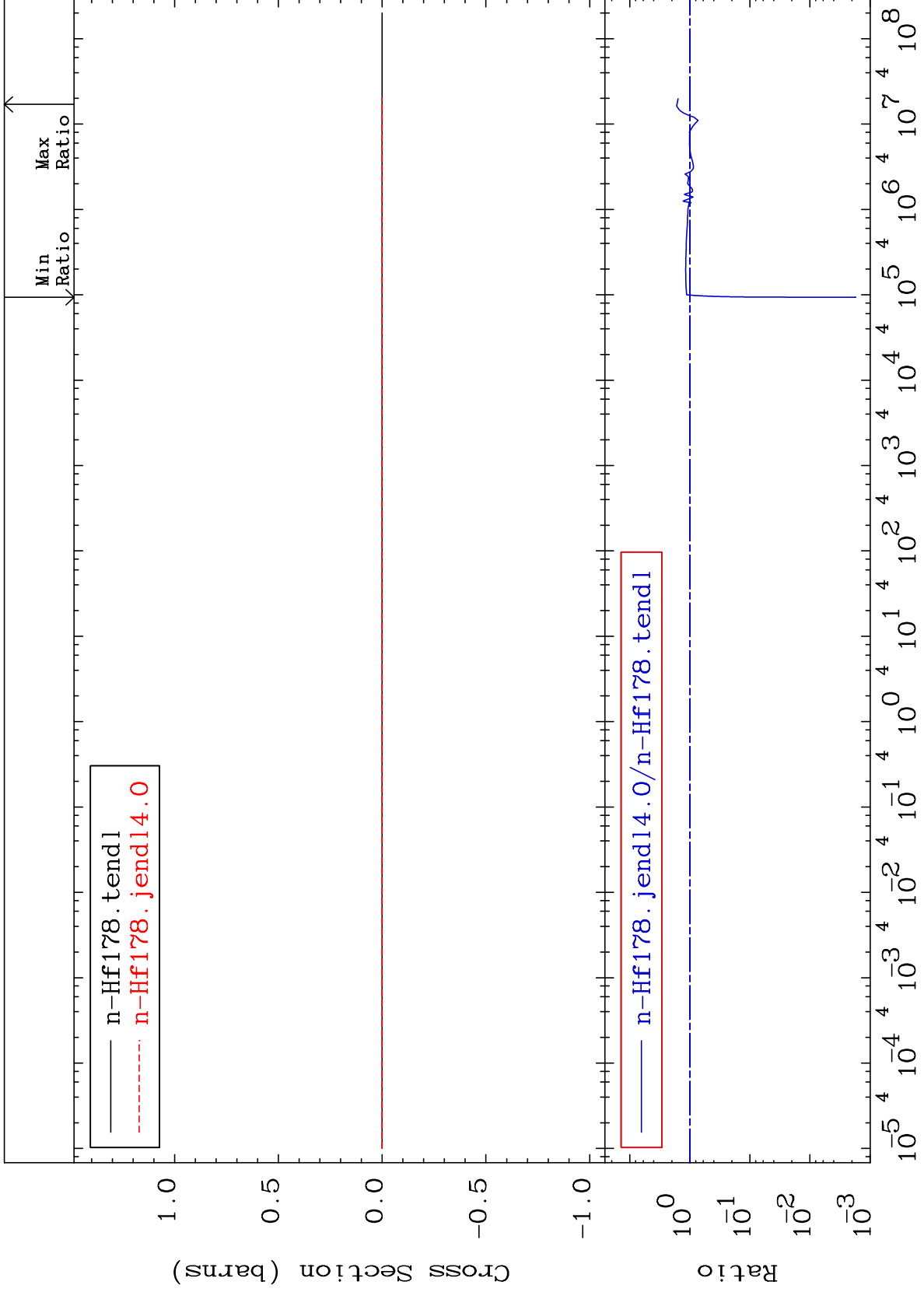
-96.59 To 9999. %

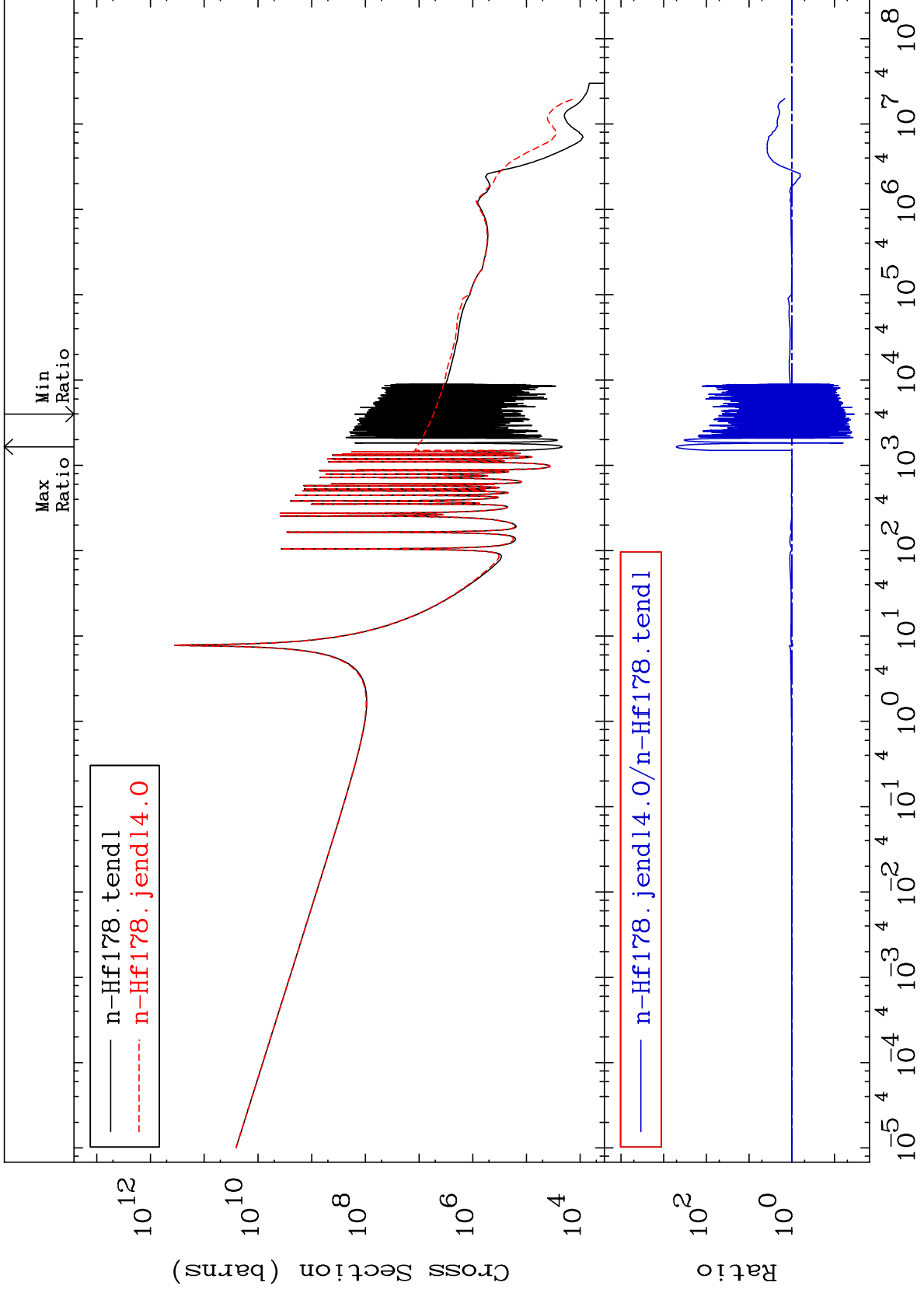


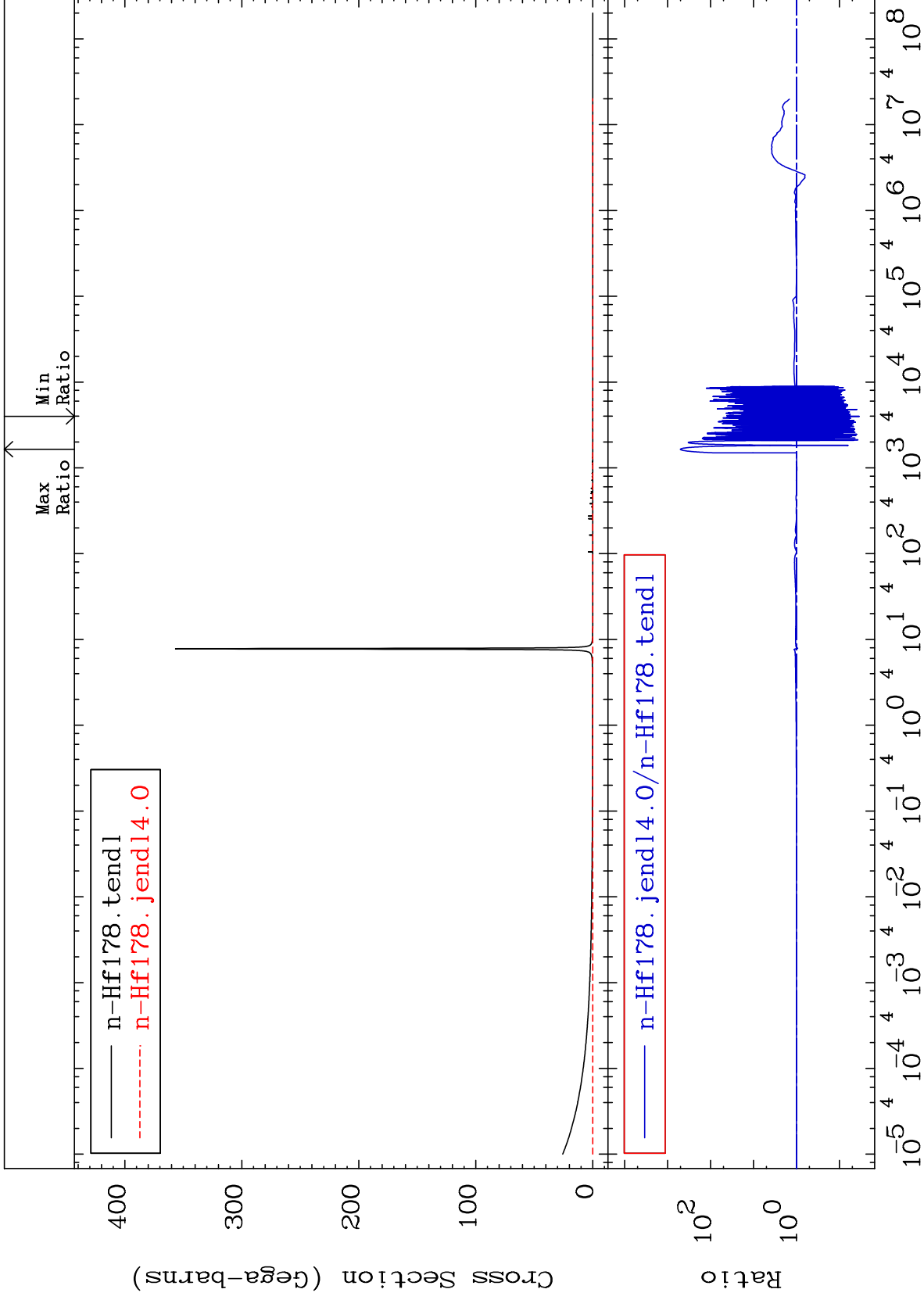












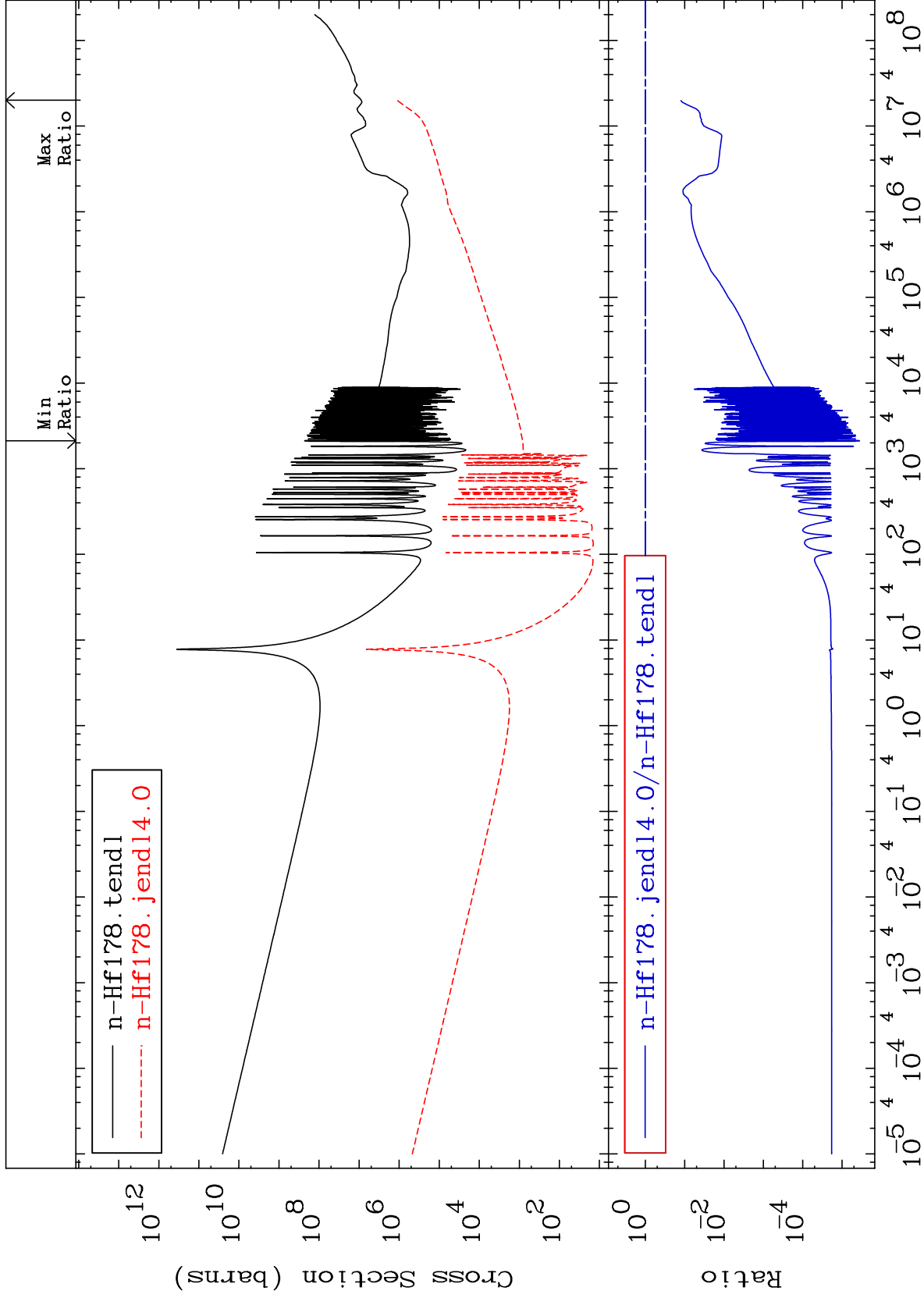
MAT 7237

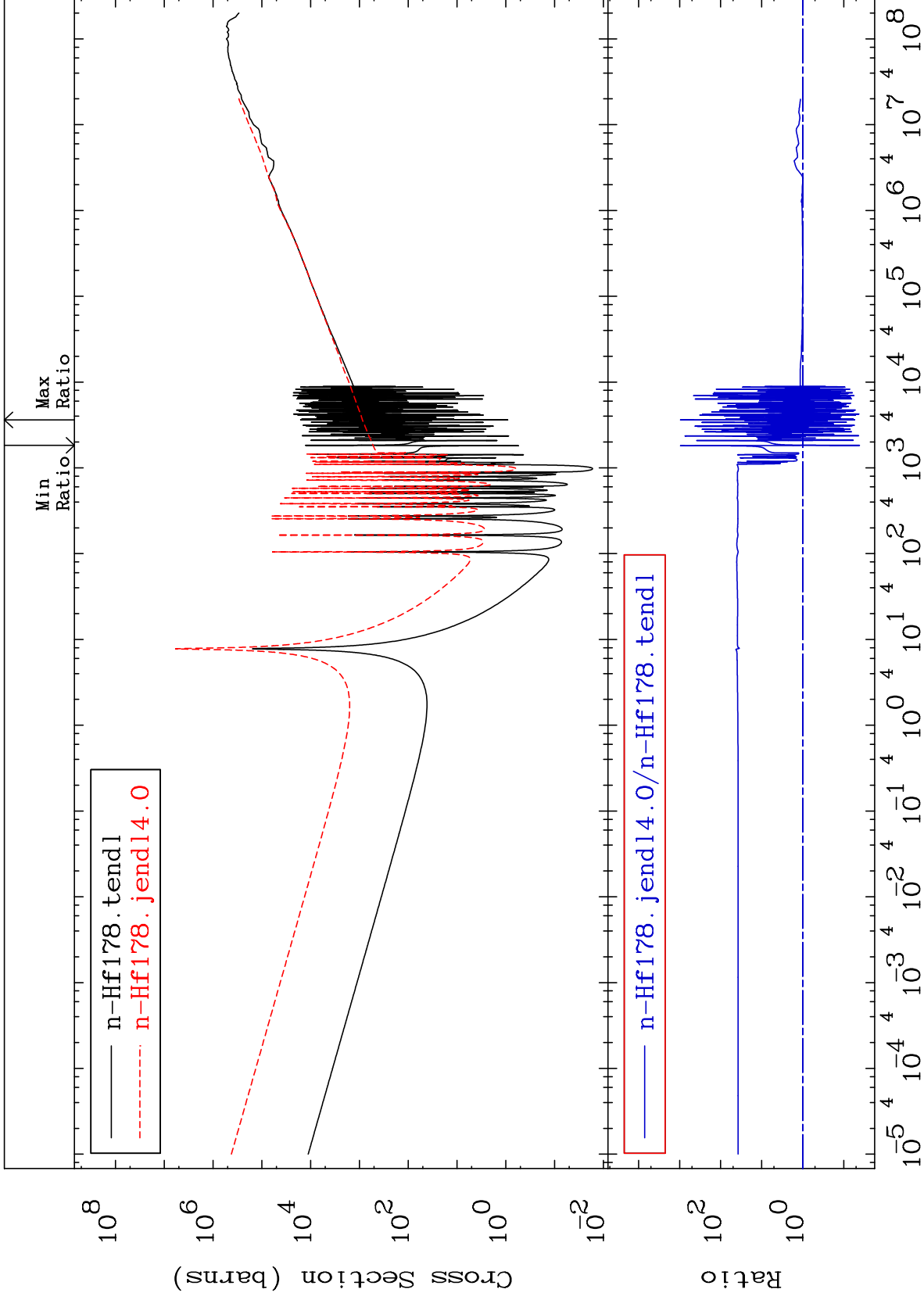
Total kinematic kerma (high limit)

72-Hf-178

Cross Section

-100.0 To -87.48%

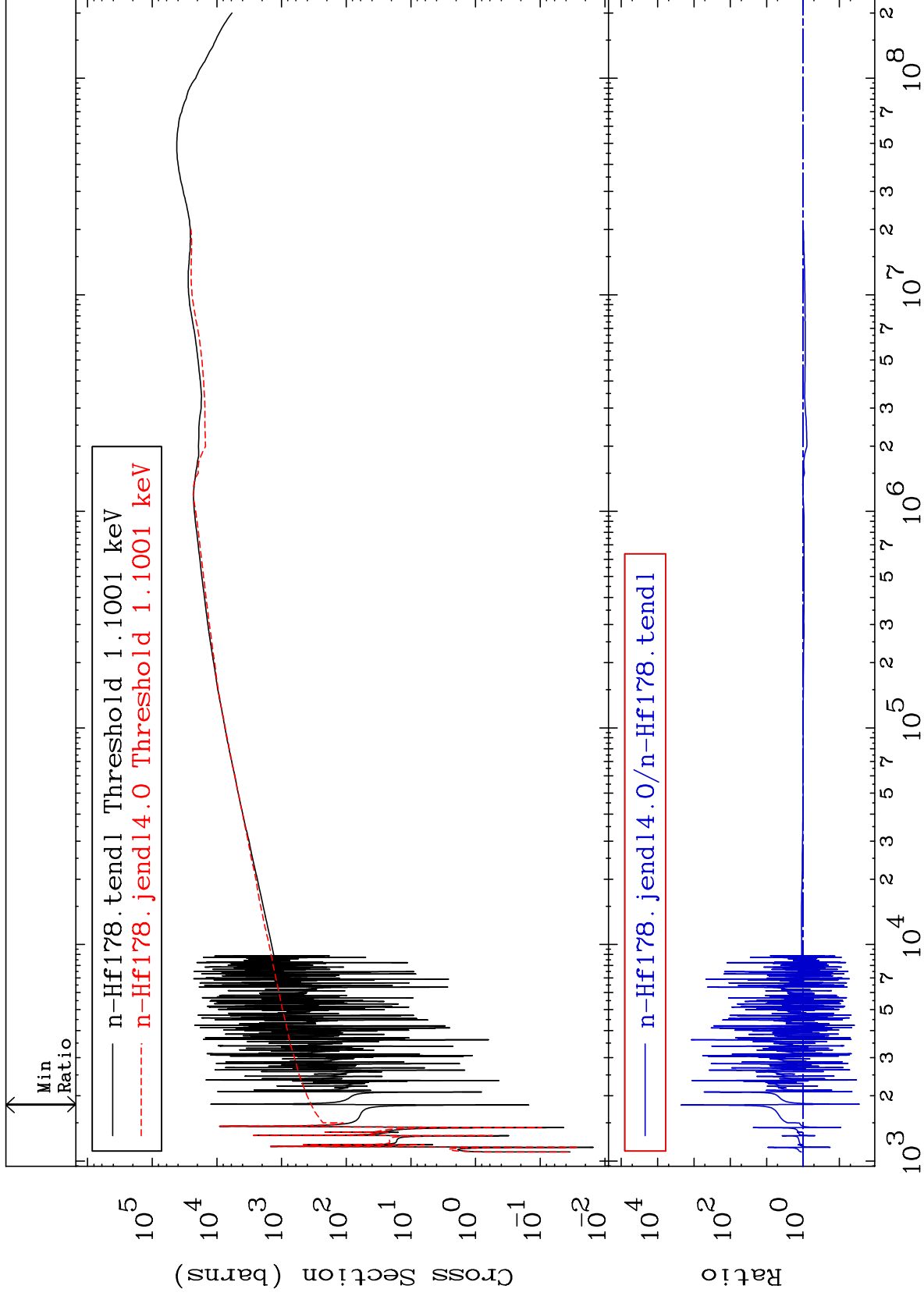




MAT 7237

Dpa elastic (mt2)
Cross Section

72-Hf-178
-97.21 To 9999. %



59

Incident Energy (eV)

72-Hf-178

MAT 7237

Dpa inelastic (mt51-91)
Cross Section

72-Hf-178
-99.82 To 364.8 %

