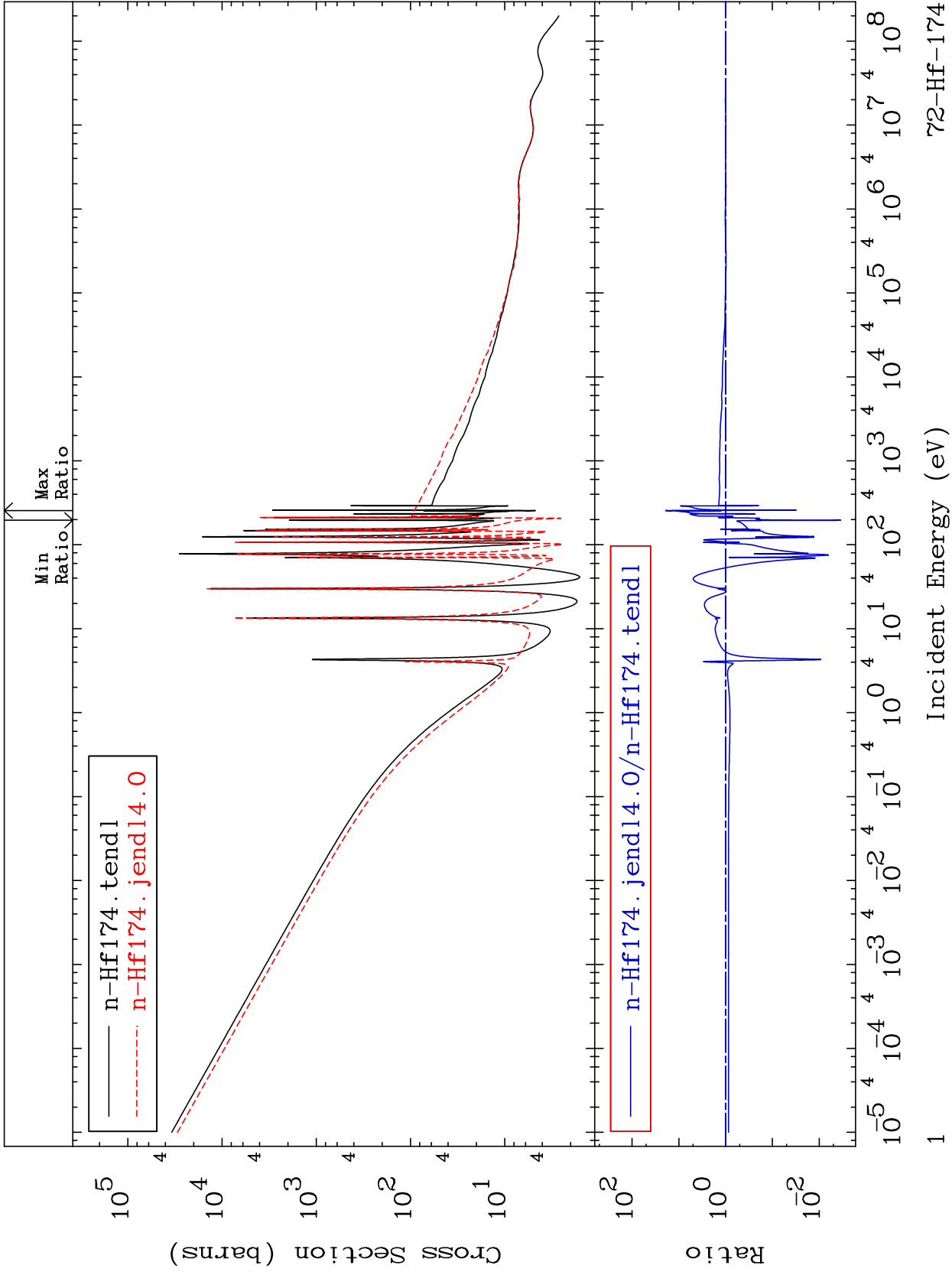


MAT 7225

Total
Cross Section

72-Hf-174
-99.65 To 1830. %



72-Hf-174

Incident Energy (eV)

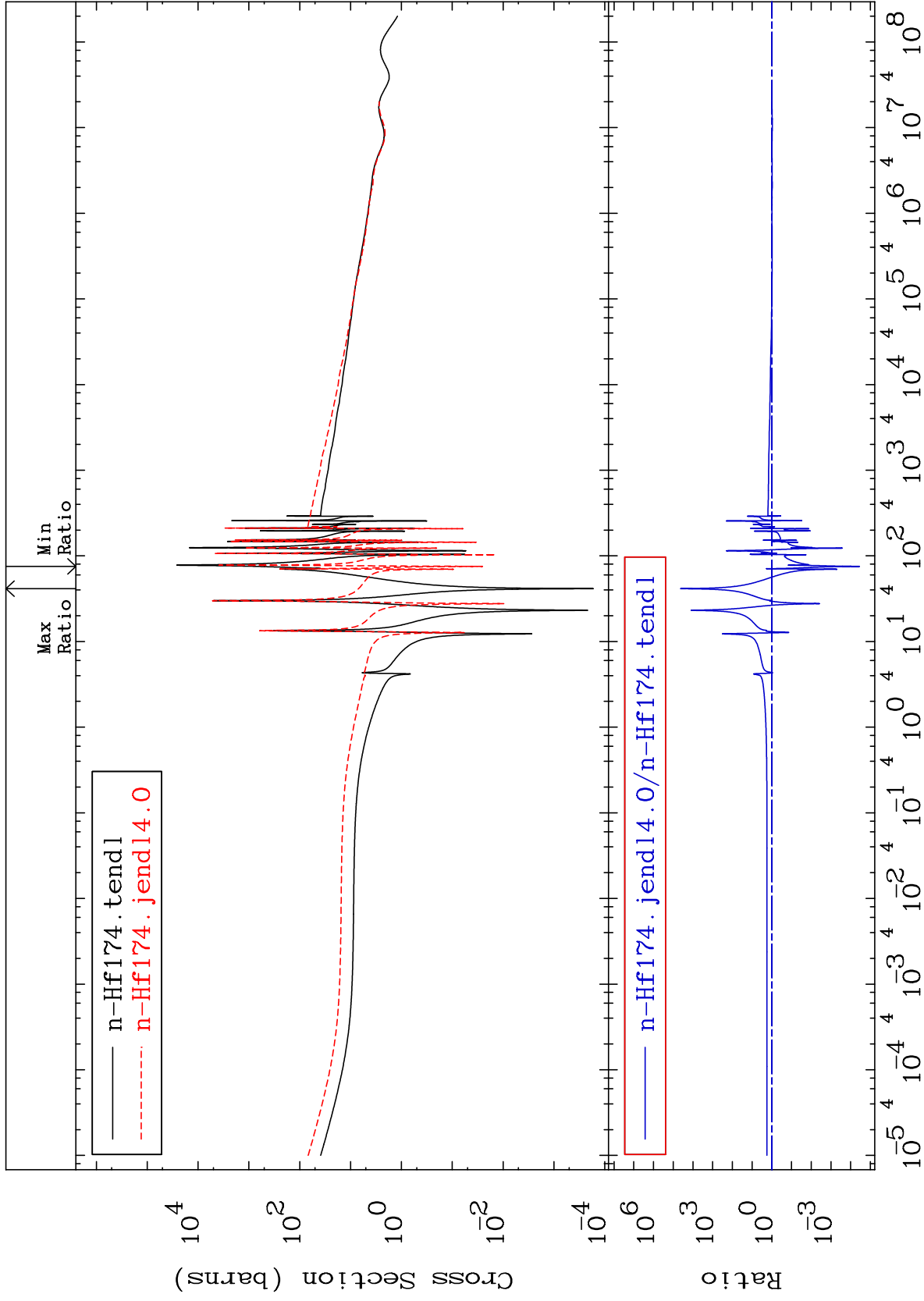
MAT 7225

Elastic

72-Hf-174

Cross Section

-100.0 To 9999. %



2

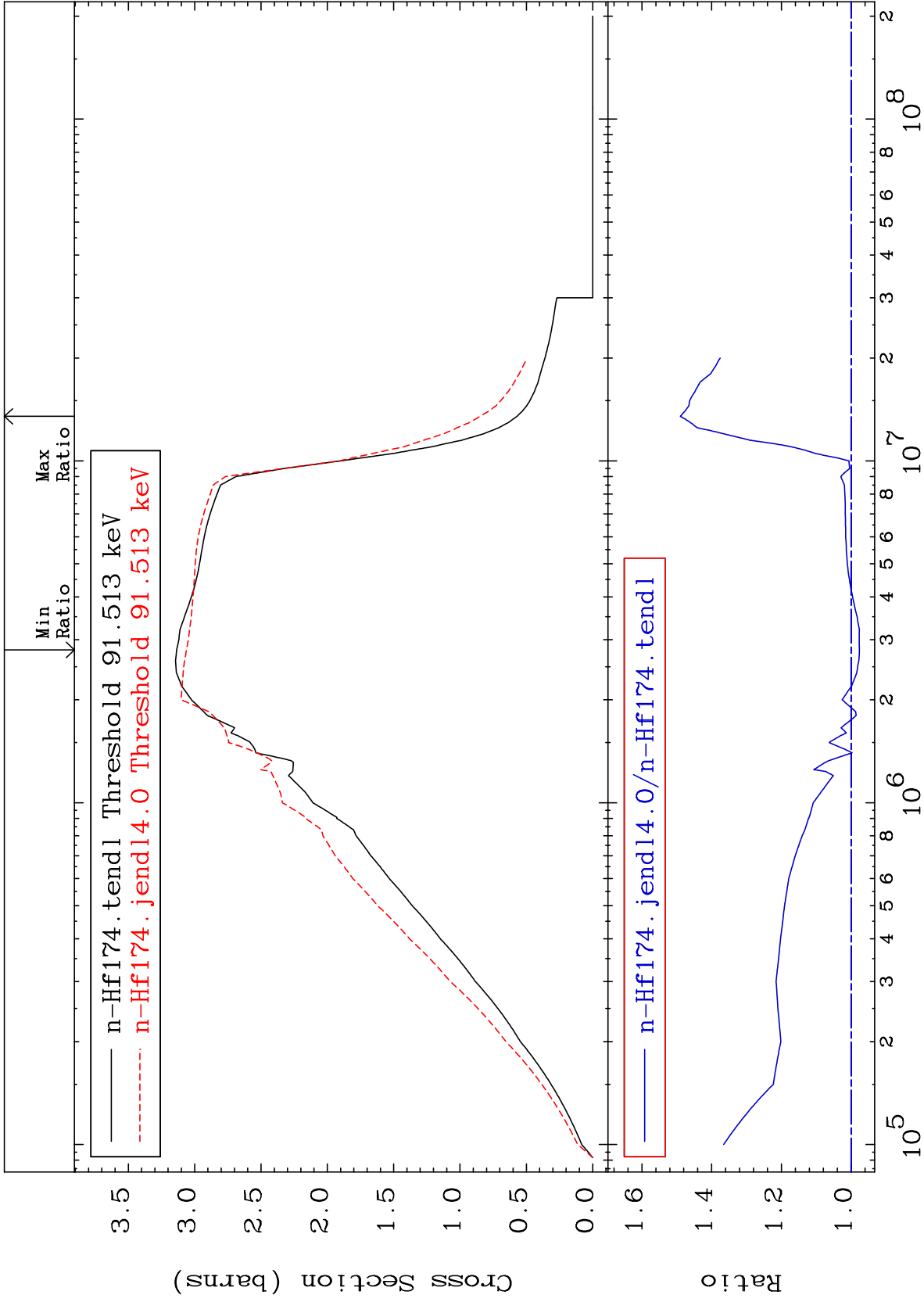
Incident Energy (eV)

72-Hf-174

MAT 7225

Inelastic
Cross Section

72-Hf-174
-2.365 To 48.97 %



3

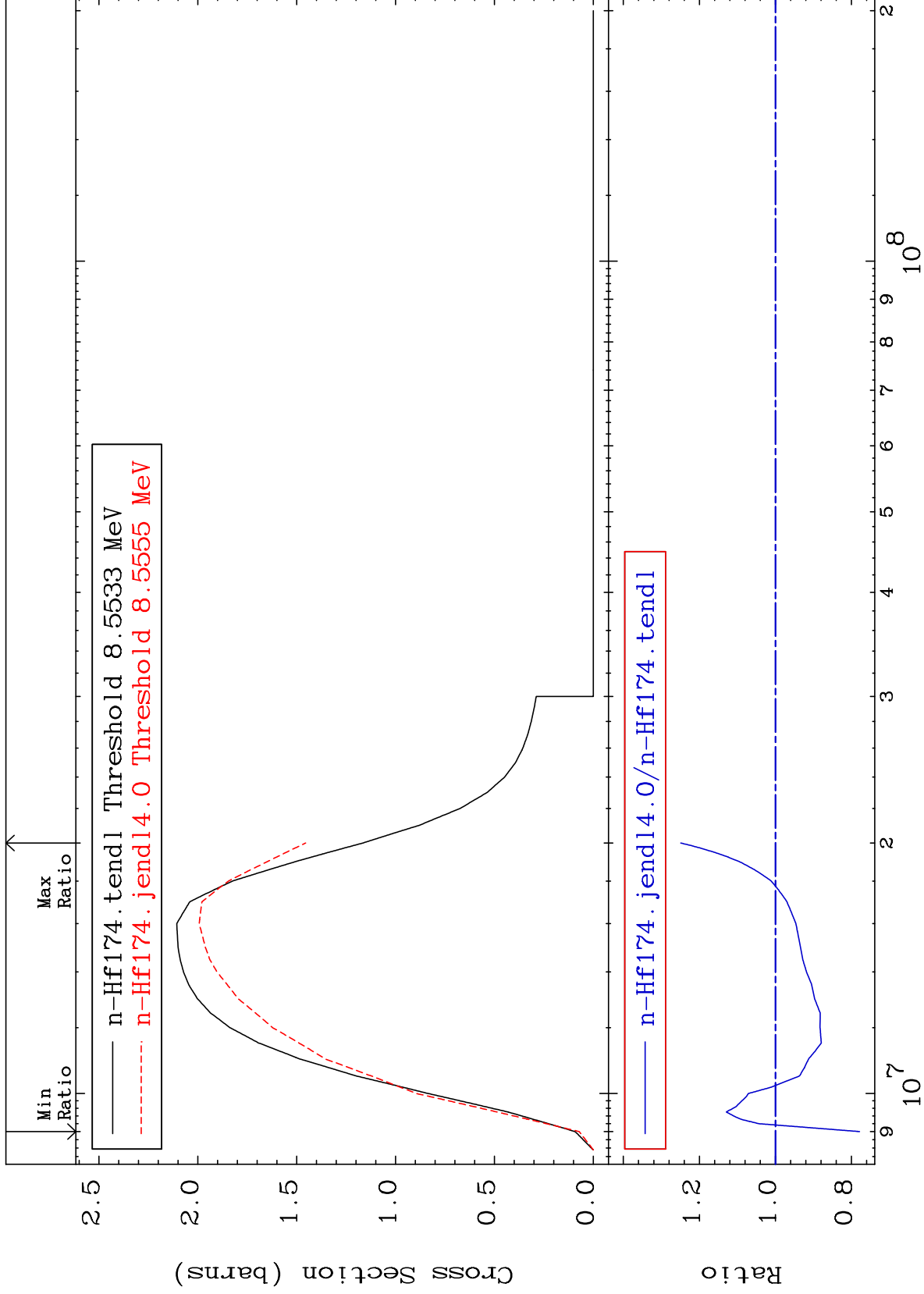
Incident Energy (eV)

72-Hf-174

MAT 7225

(n,2n)
Cross Section

72-Hf-174
-22.12 To 24.90 %



4

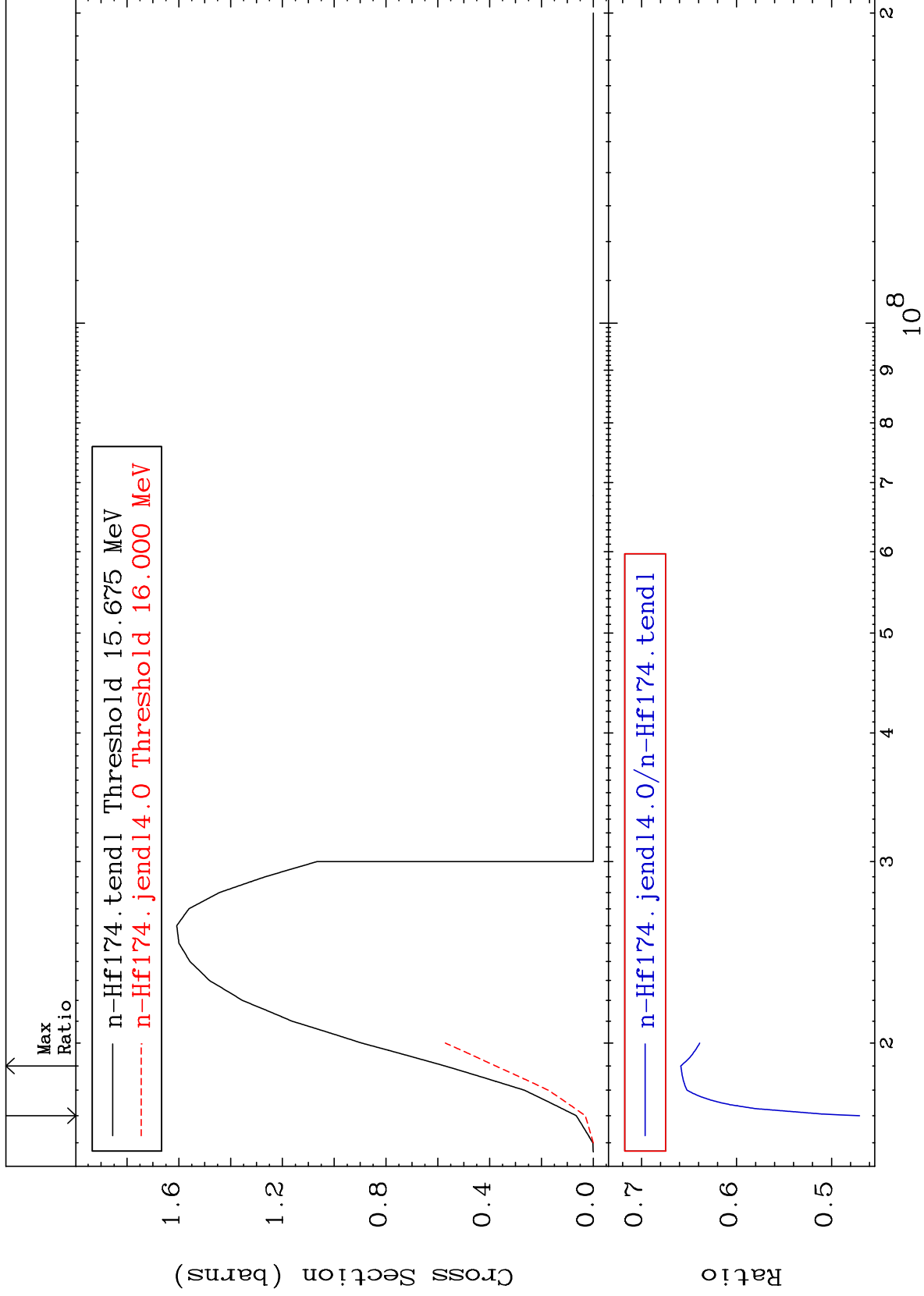
72-Hf-174

72-Hf-174

MAT 7225

(n,3n)
Cross Section

⁷²Hf-174
-52.94 To -34.13%



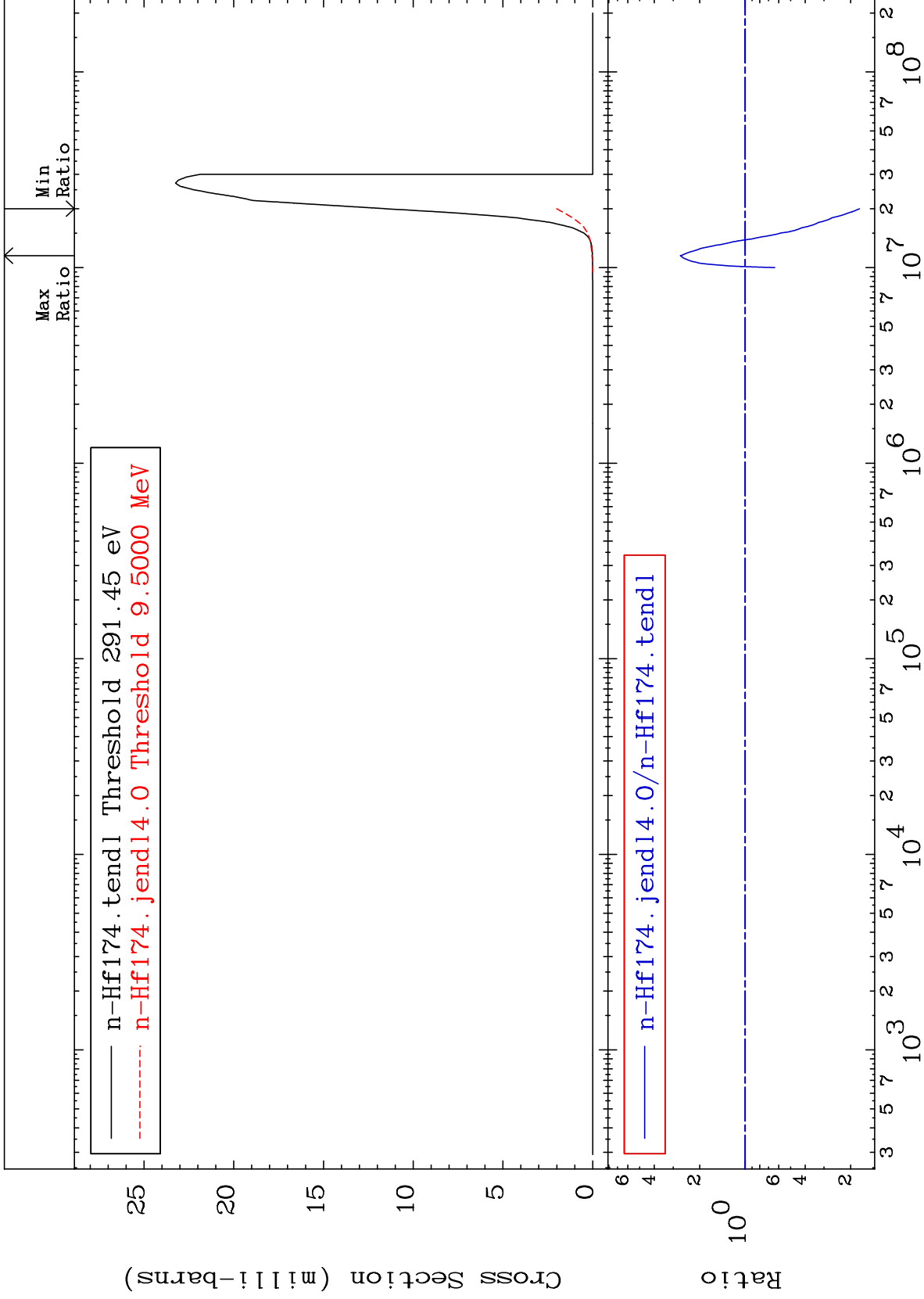
MAT 7225

(n, n') α

Cross Section

72-Hf-174

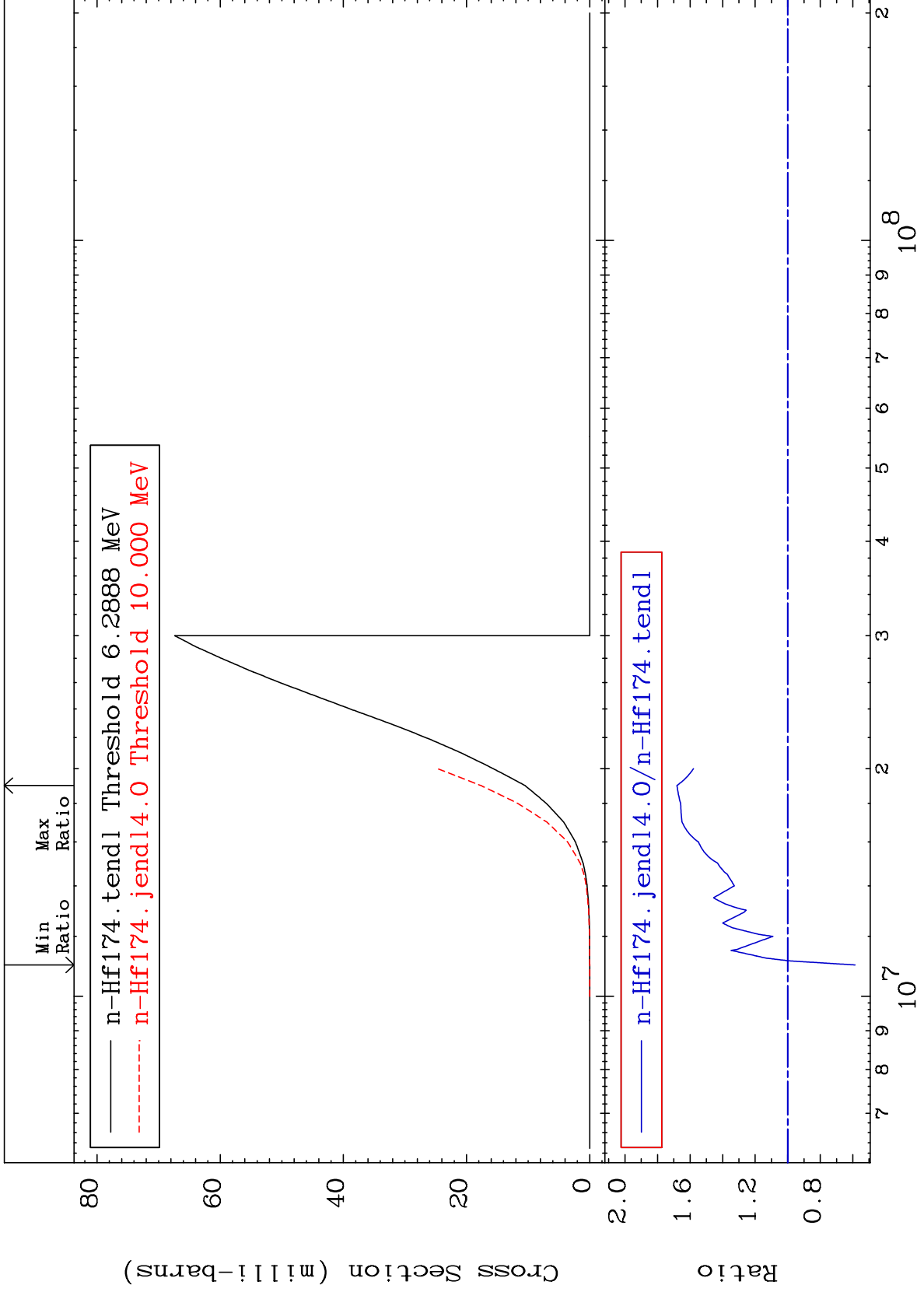
-82.51 To 168.8 %



MAT 7225

(n, n') p
Cross Section

72-Hf-174
-41.40 To 68.08 %



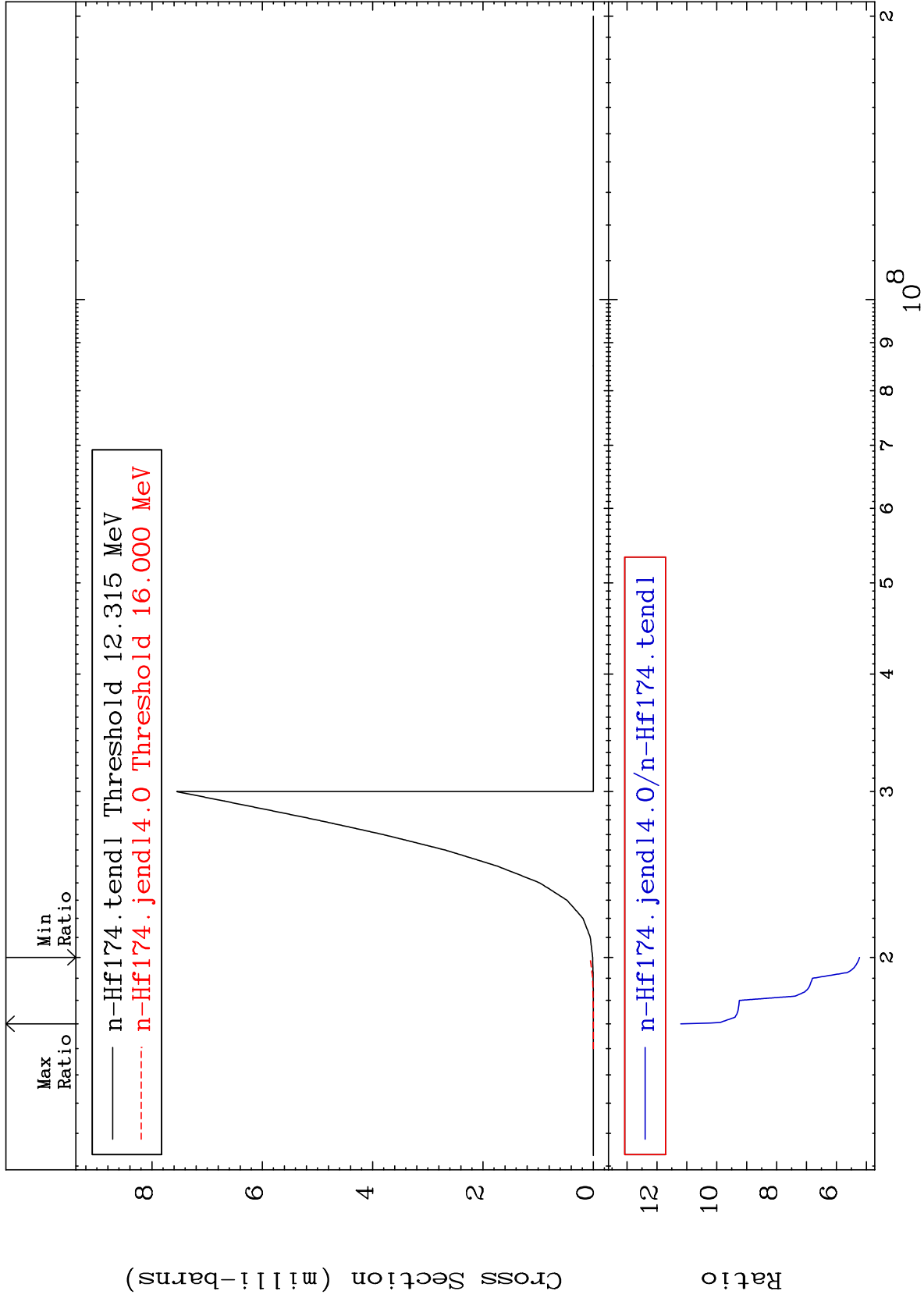
MAT 7225

(n,n') d

72-Hf-174

Cross Section

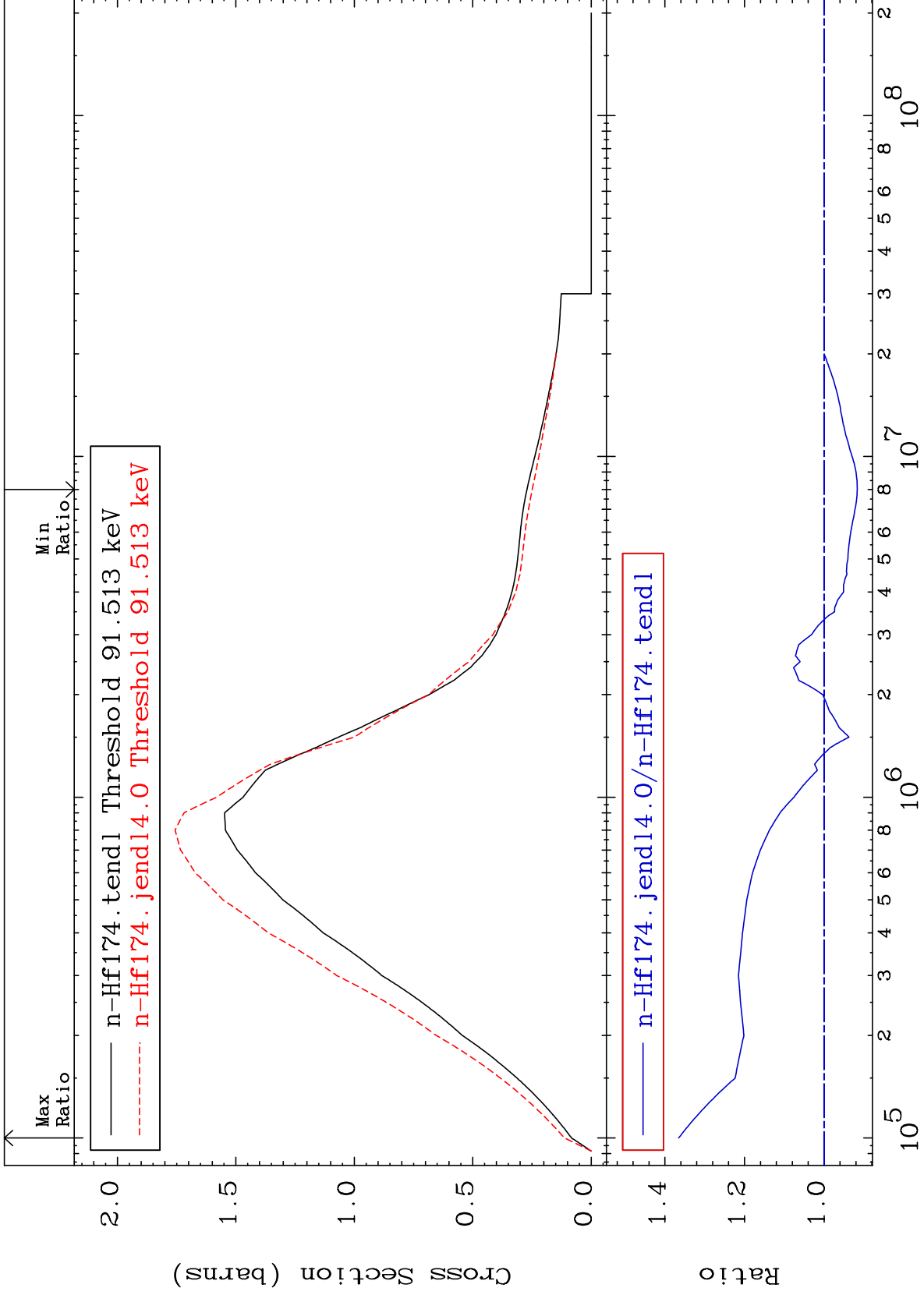
423.0 To 1020. %



MAT 7225

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

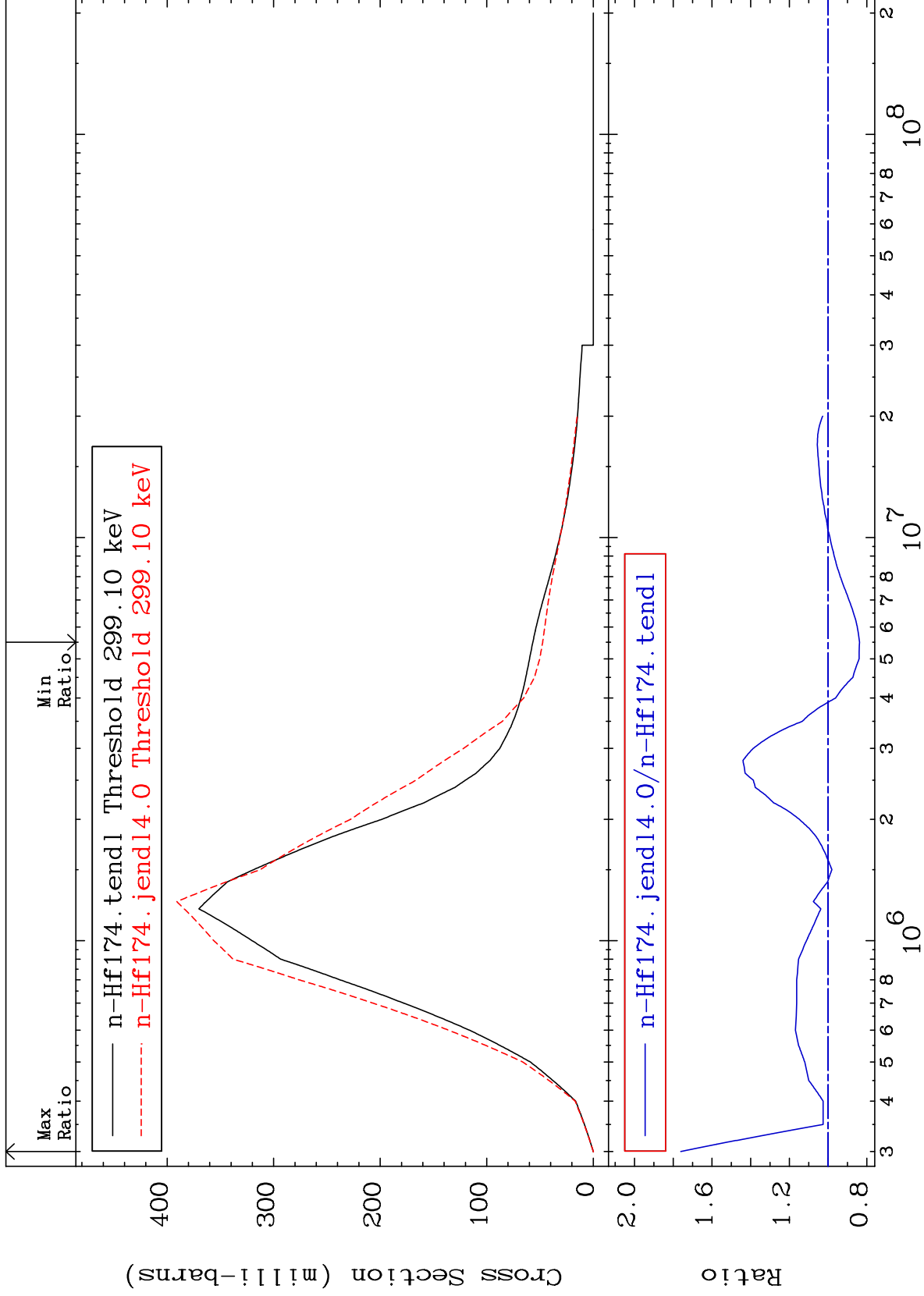
72-Hf-174
-8.334 To 36.56 %



MAT 7225

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

72-Hf-174
-16.26 To 76.08 %



10

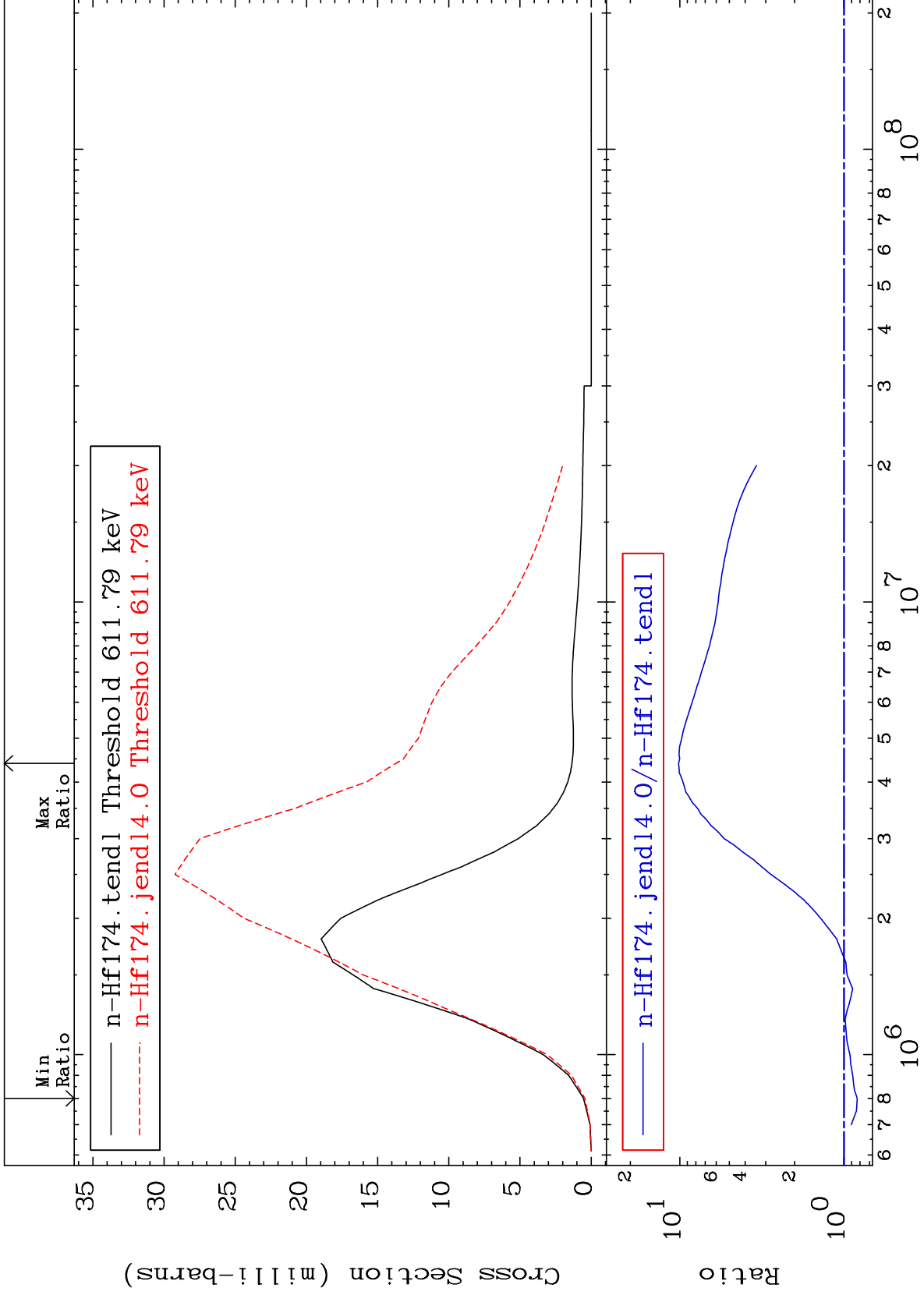
Incident Energy (eV)

72-Hf-174

MAT 7225

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

72-Hf-174
-16.92 To 917.2 %



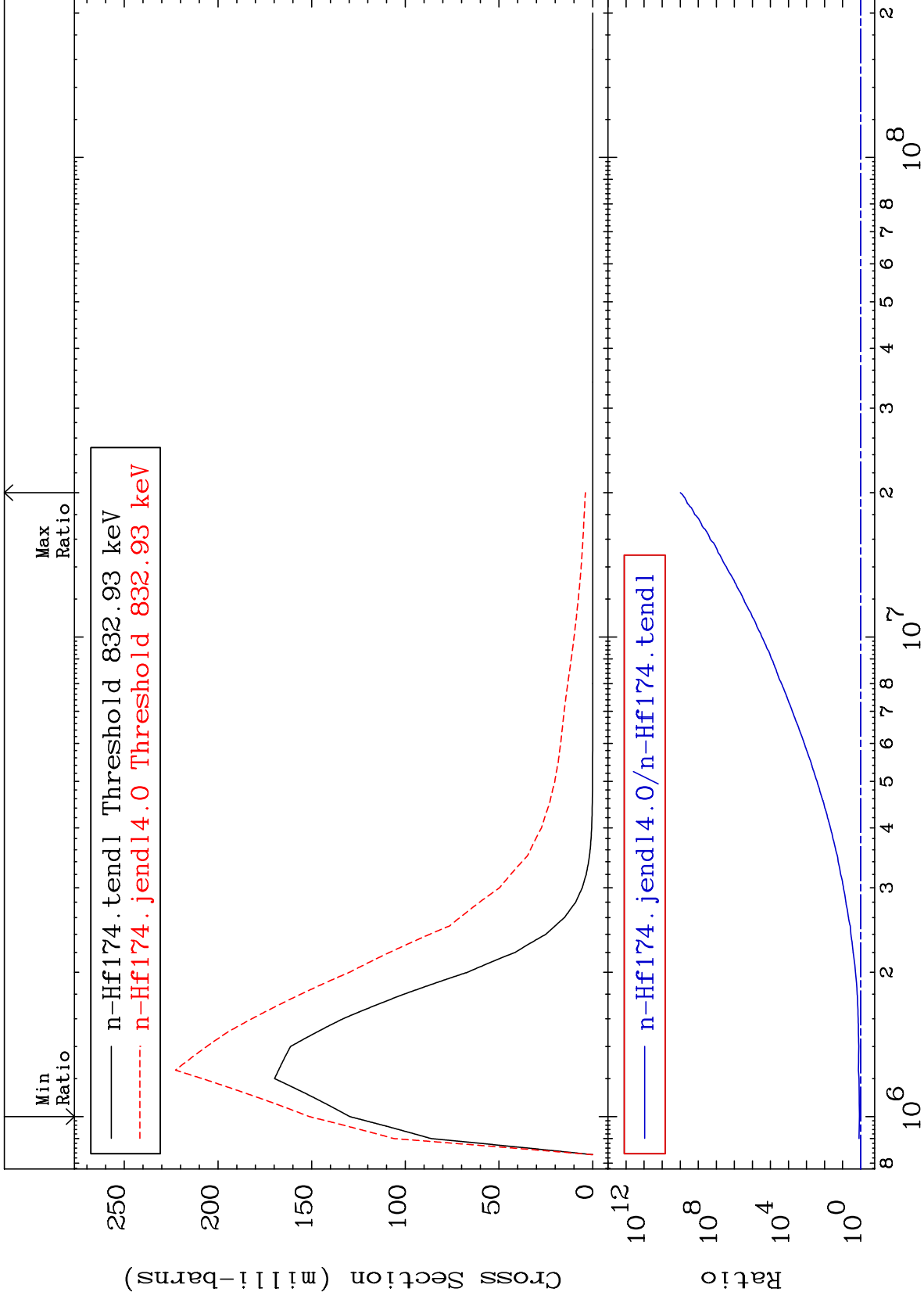
11

72-Hf-174

MAT 7225

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

72-Hf-174
16.59 To 9999. %



12

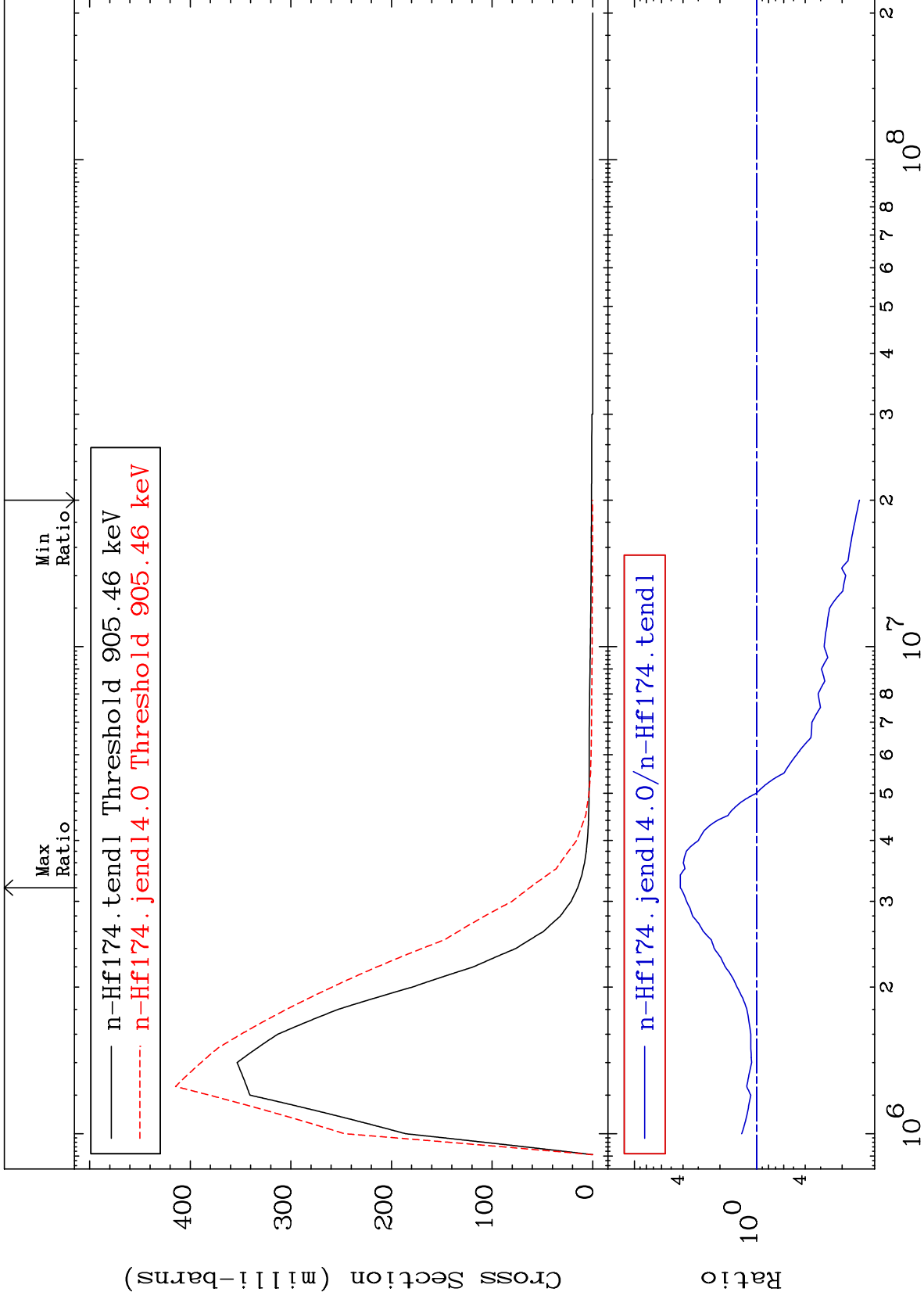
Incident Energy (eV)

72-Hf-174

MAT 7225

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

72-Hf-174
-85.57 To 320.9 %



13

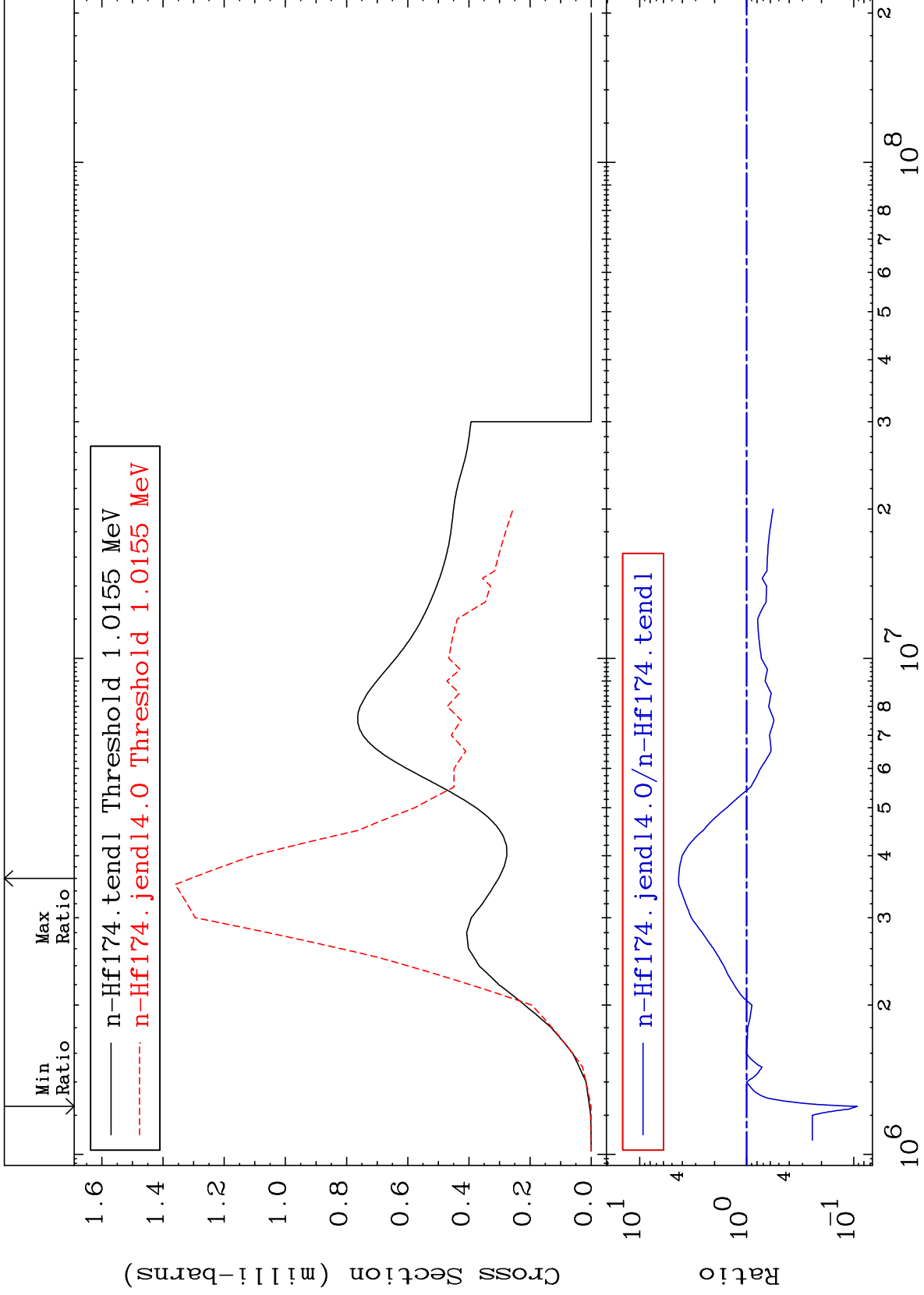
Incident Energy (eV)

72-Hf-174

MAT 7225

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

72-Hf-174
-90.75 To 332.7 %



14

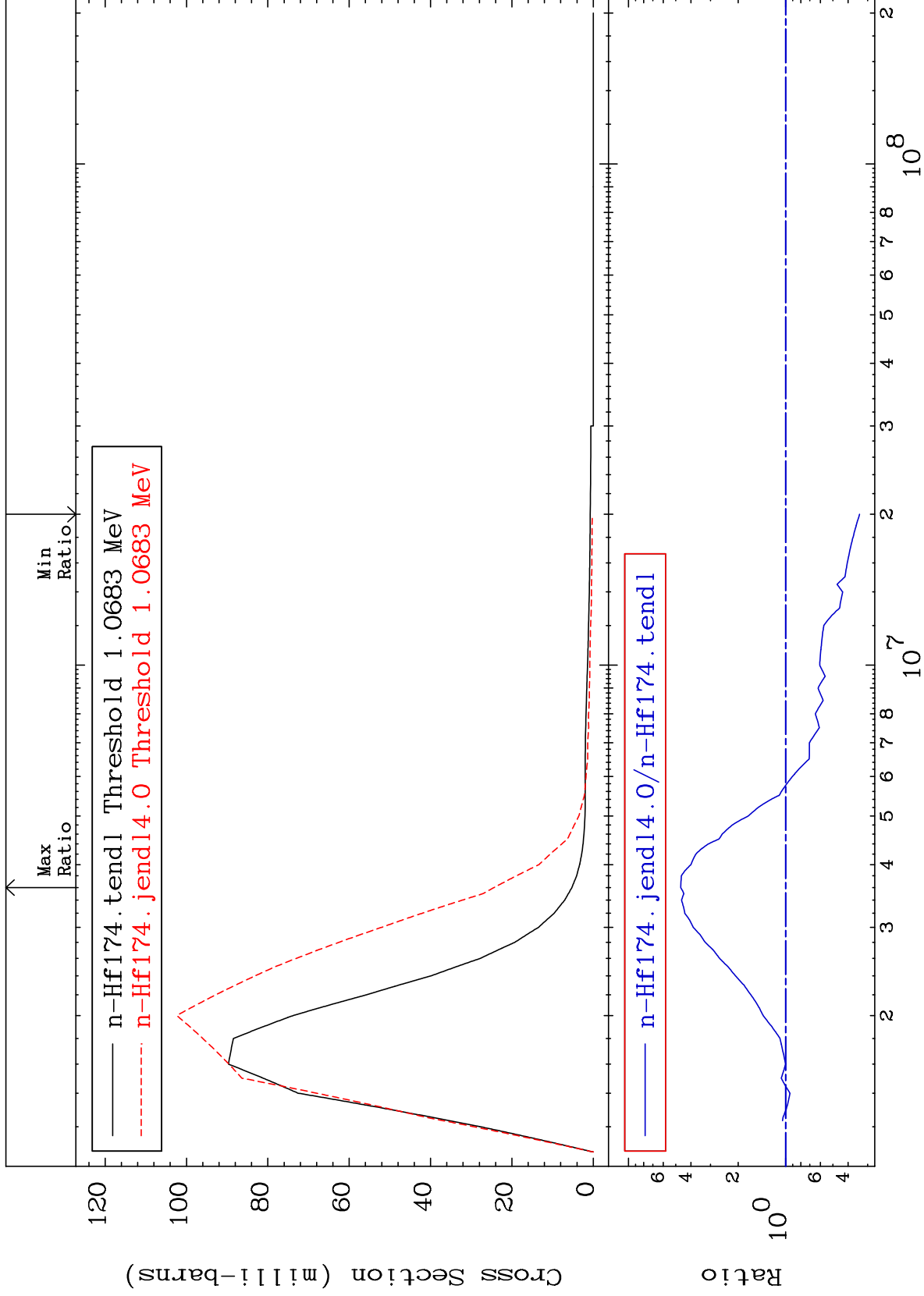
Incident Energy (eV)

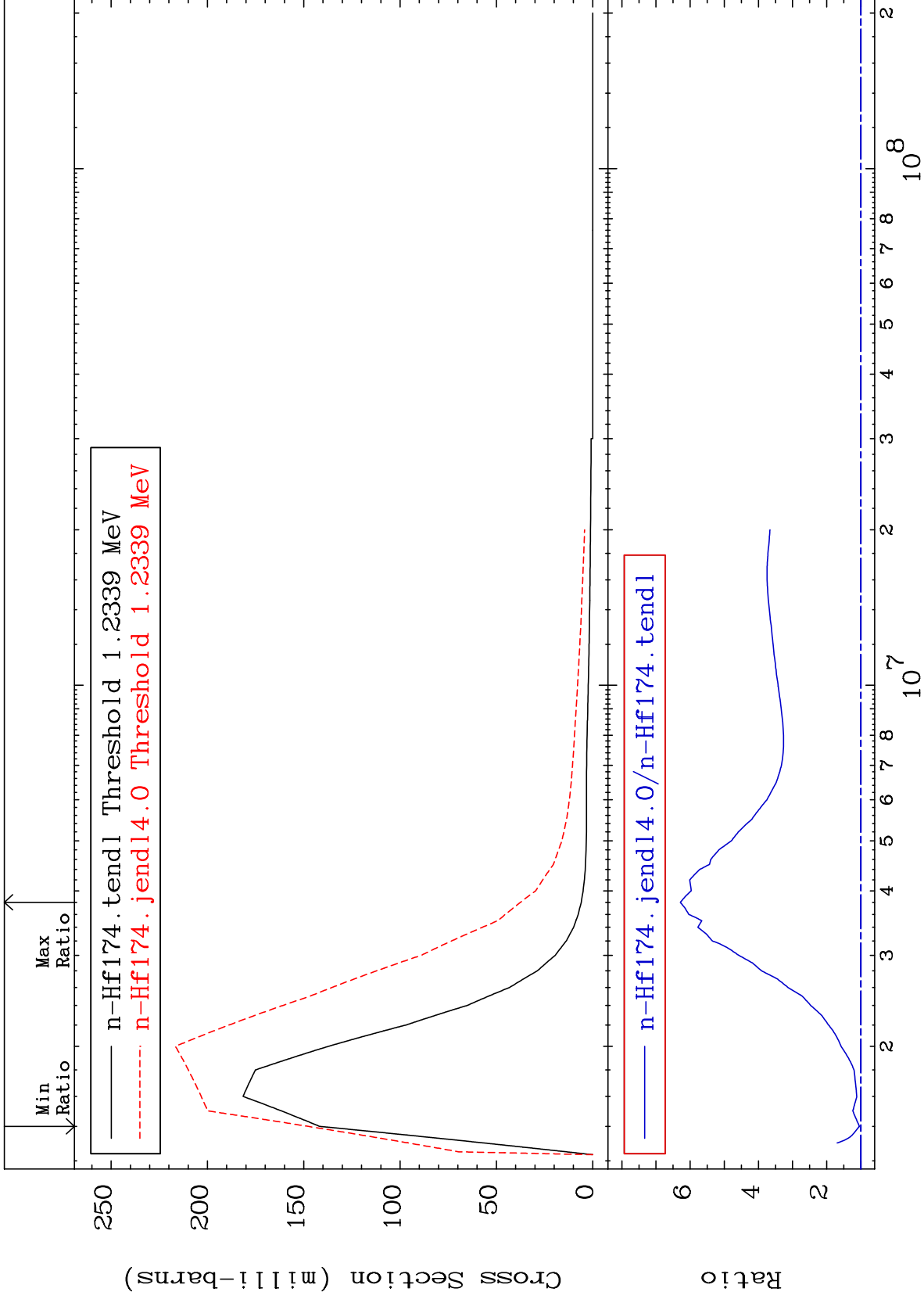
72-Hf-174

MAT 7225

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

72-Hf-174
-66.19 To 364.4 %

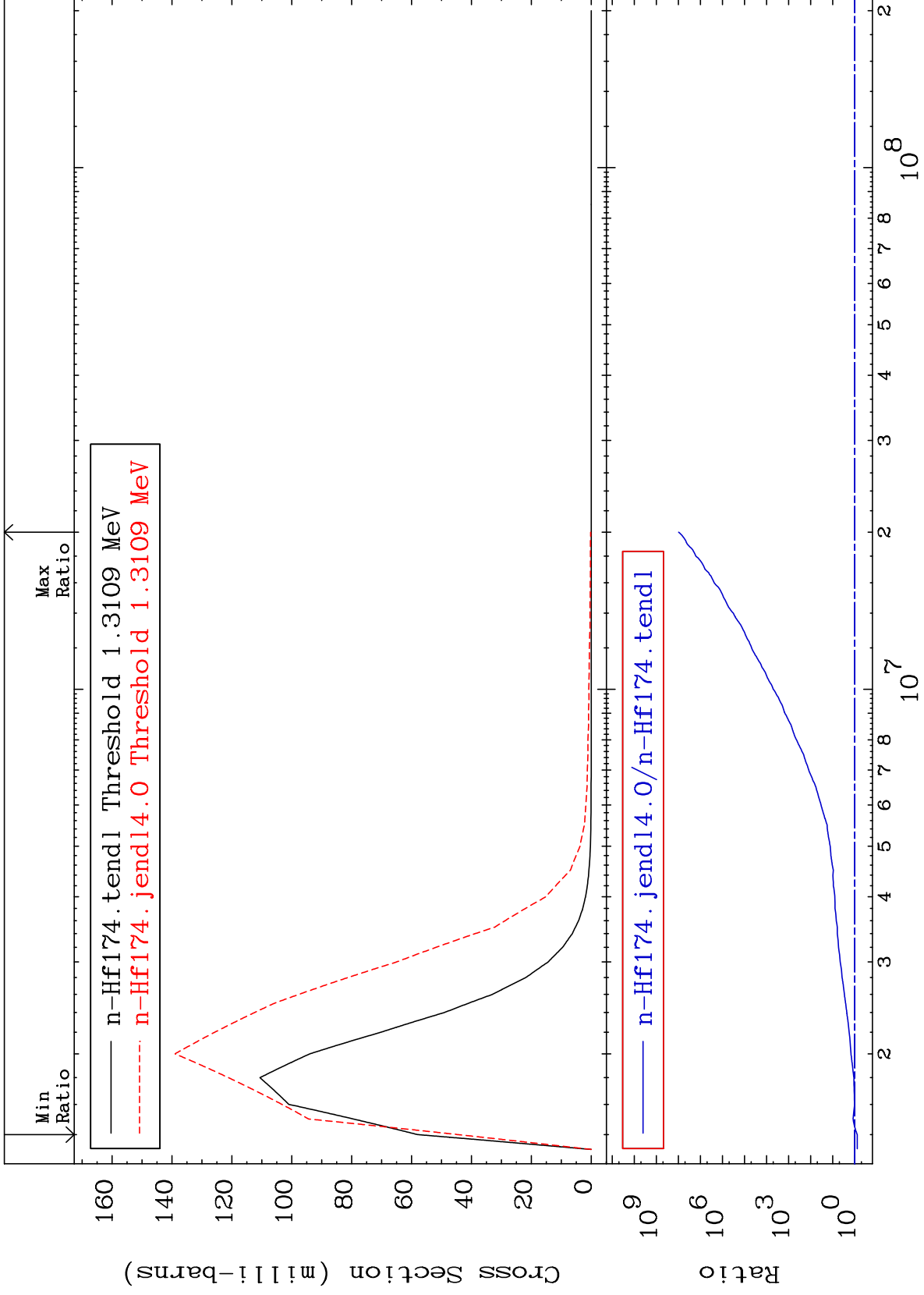




MAT 7225

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

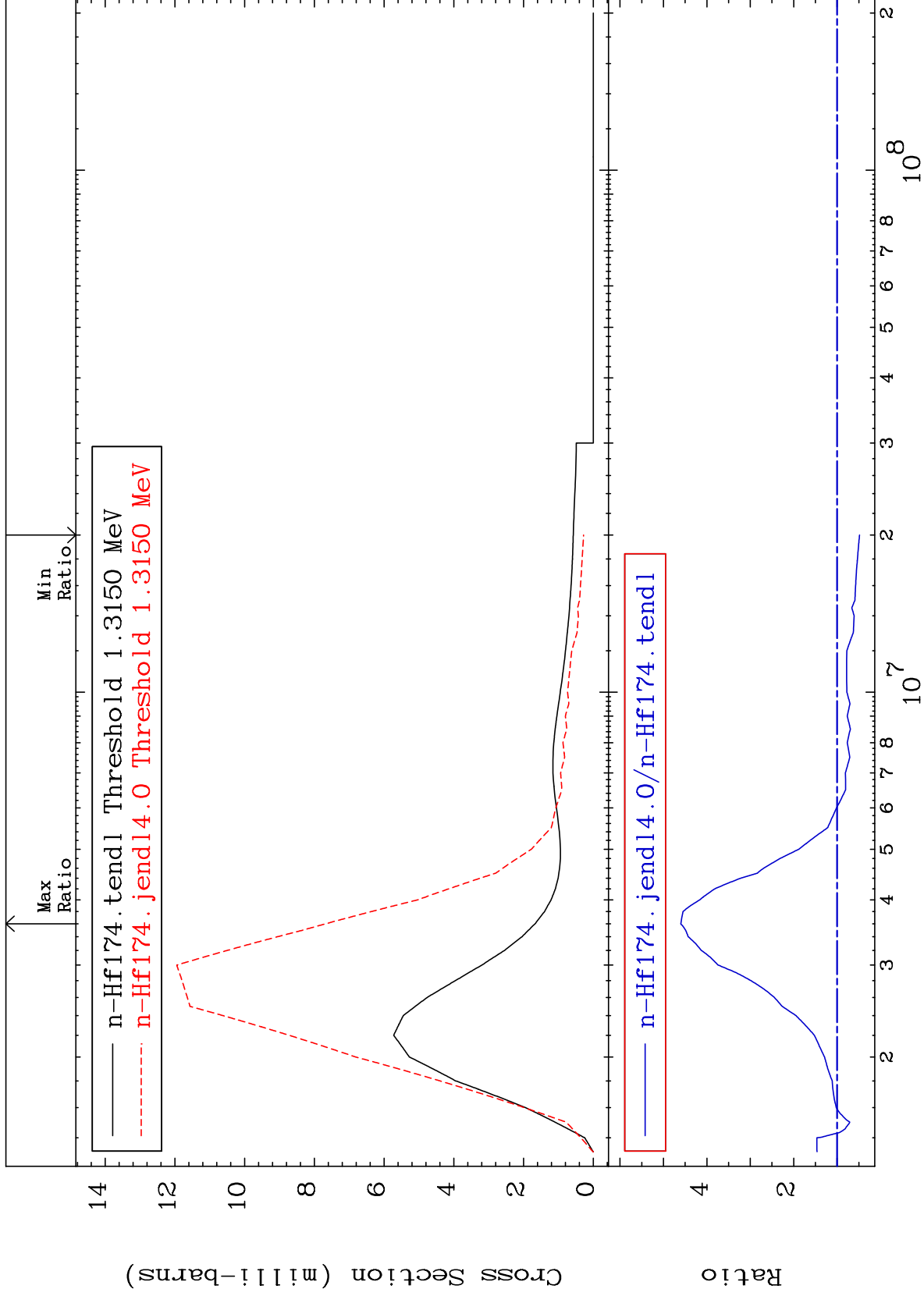
72-Hf-174
-23.24 To 9999. %



MAT 7225

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

72-Hf-174
-51.57 To 360.1 %



18

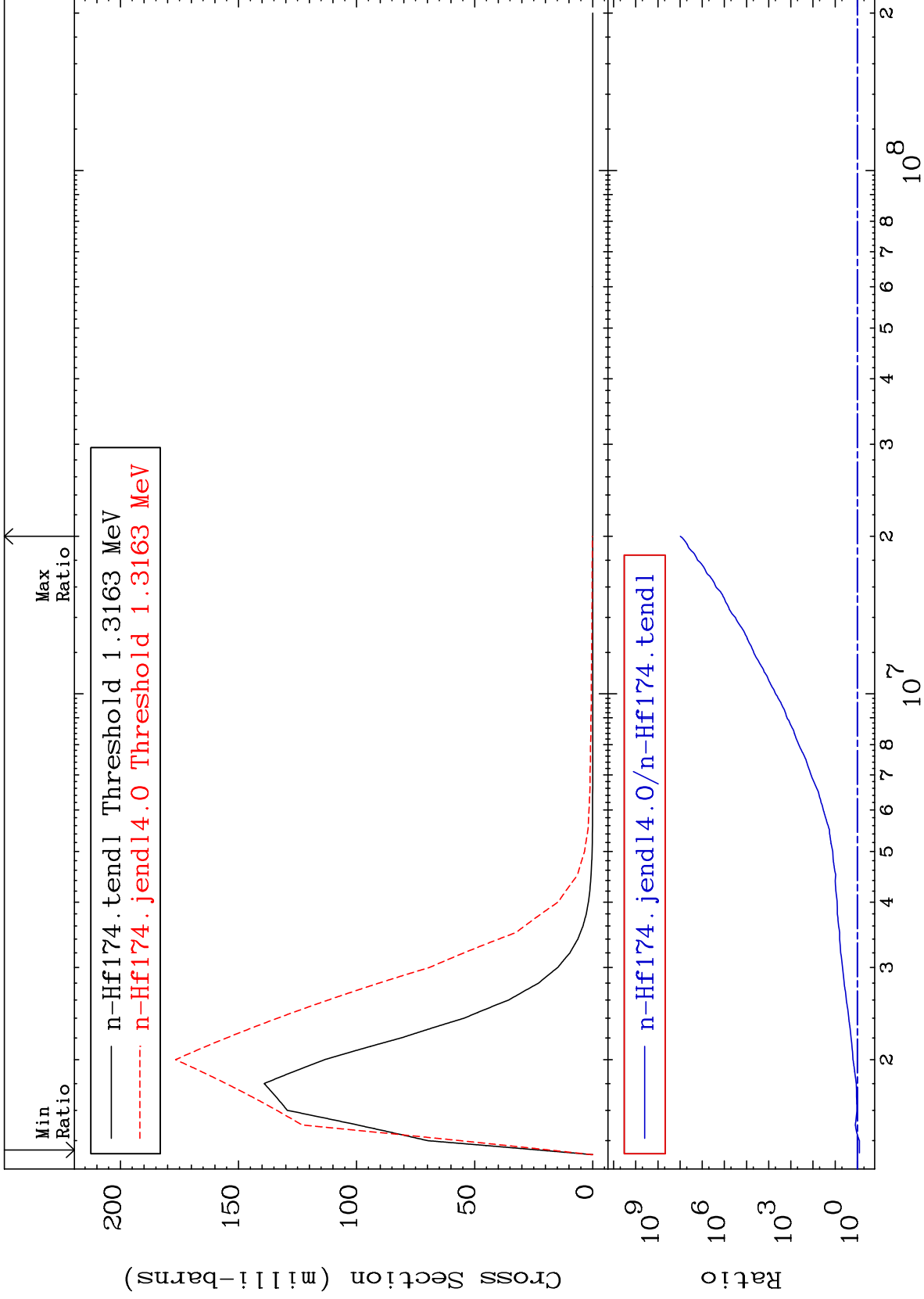
Incident Energy (eV)

72-Hf-174

MAT 7225

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

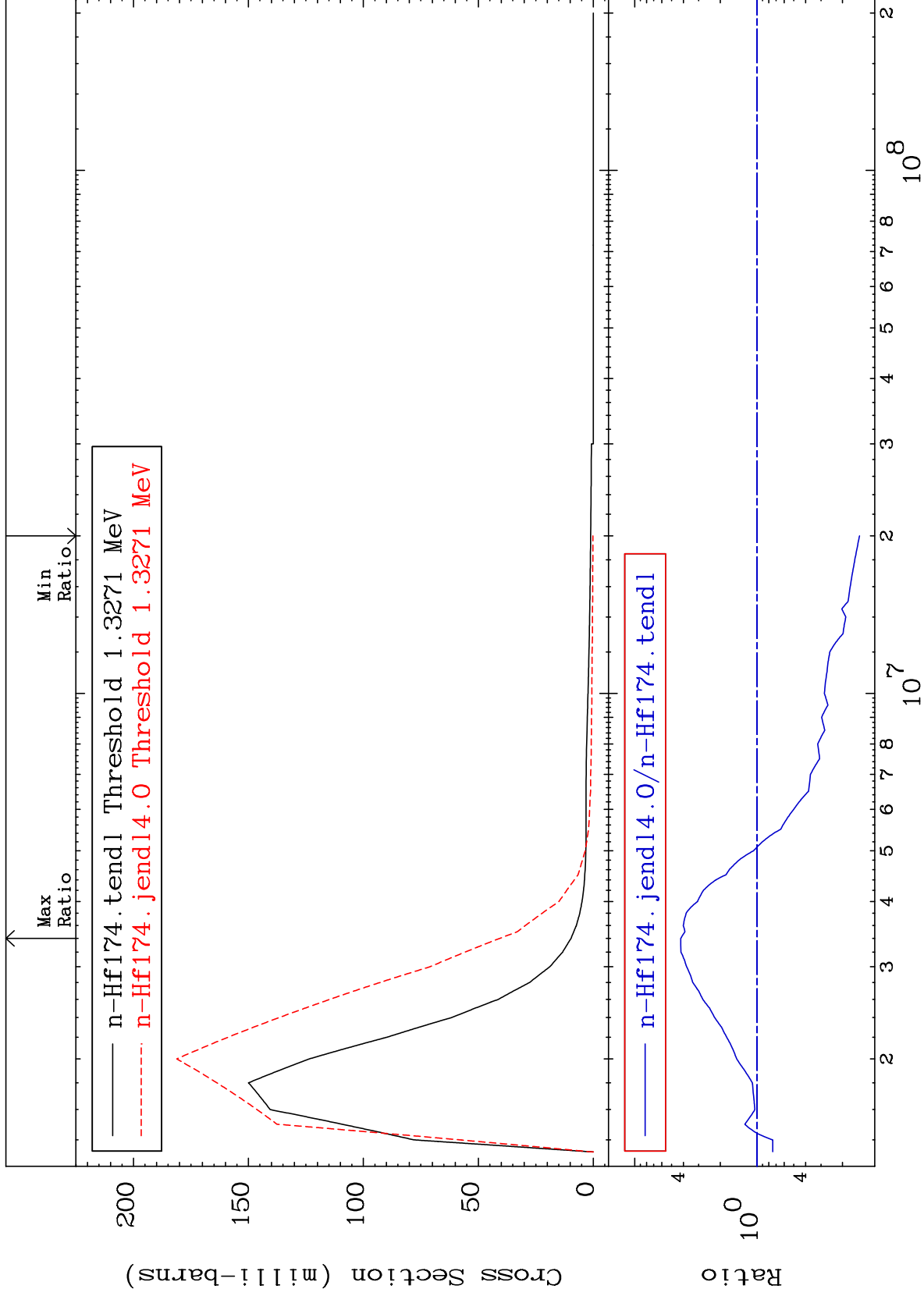
72-Hf-174
-19.74 To 9999. %



MAT 7225

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

72-Hf-174
-85.47 To 319.8 %



20

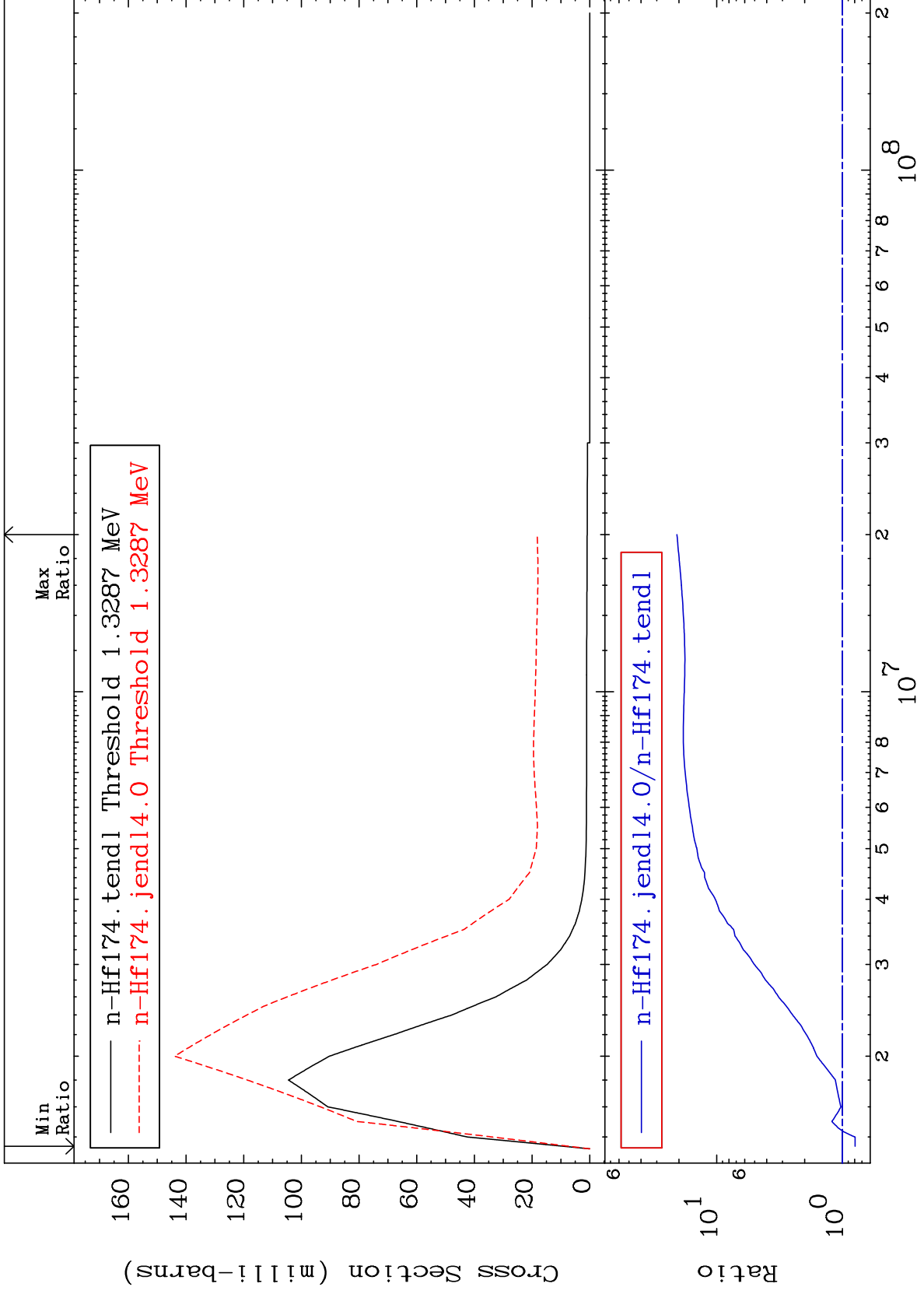
Incident Energy (eV)

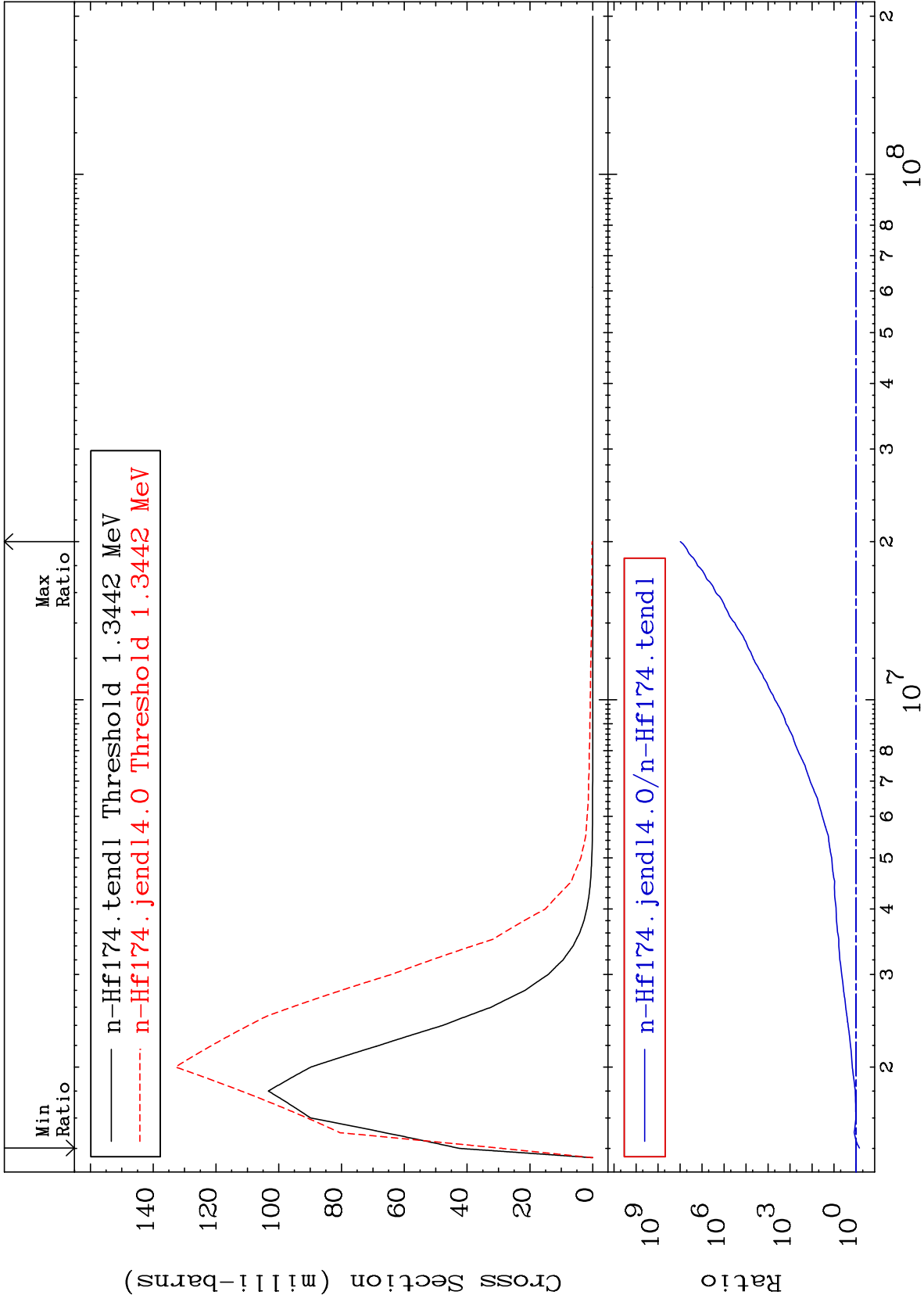
72-Hf-174

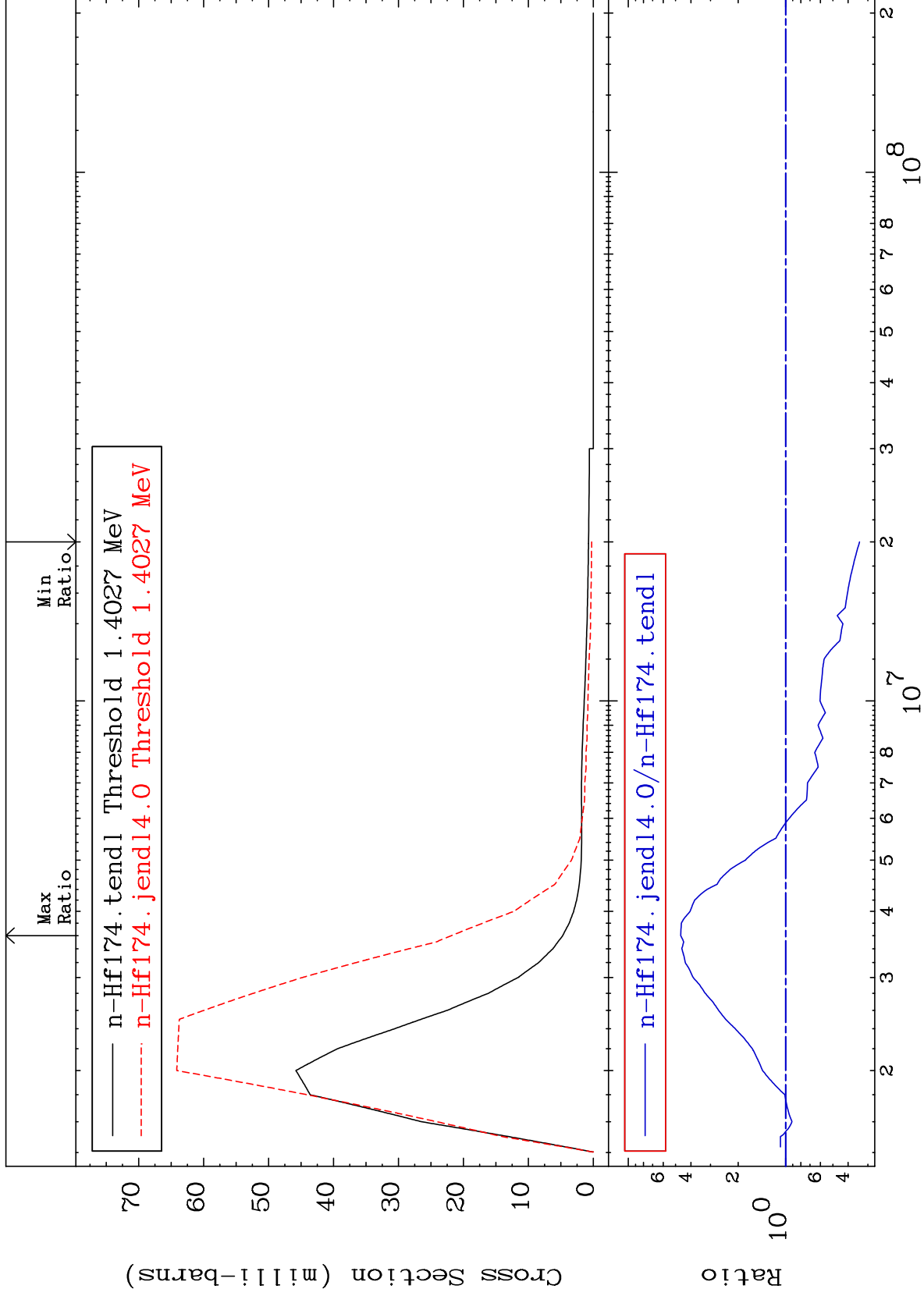
MAT 7225

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

72-Hf-174
-20.72 To 1974. %



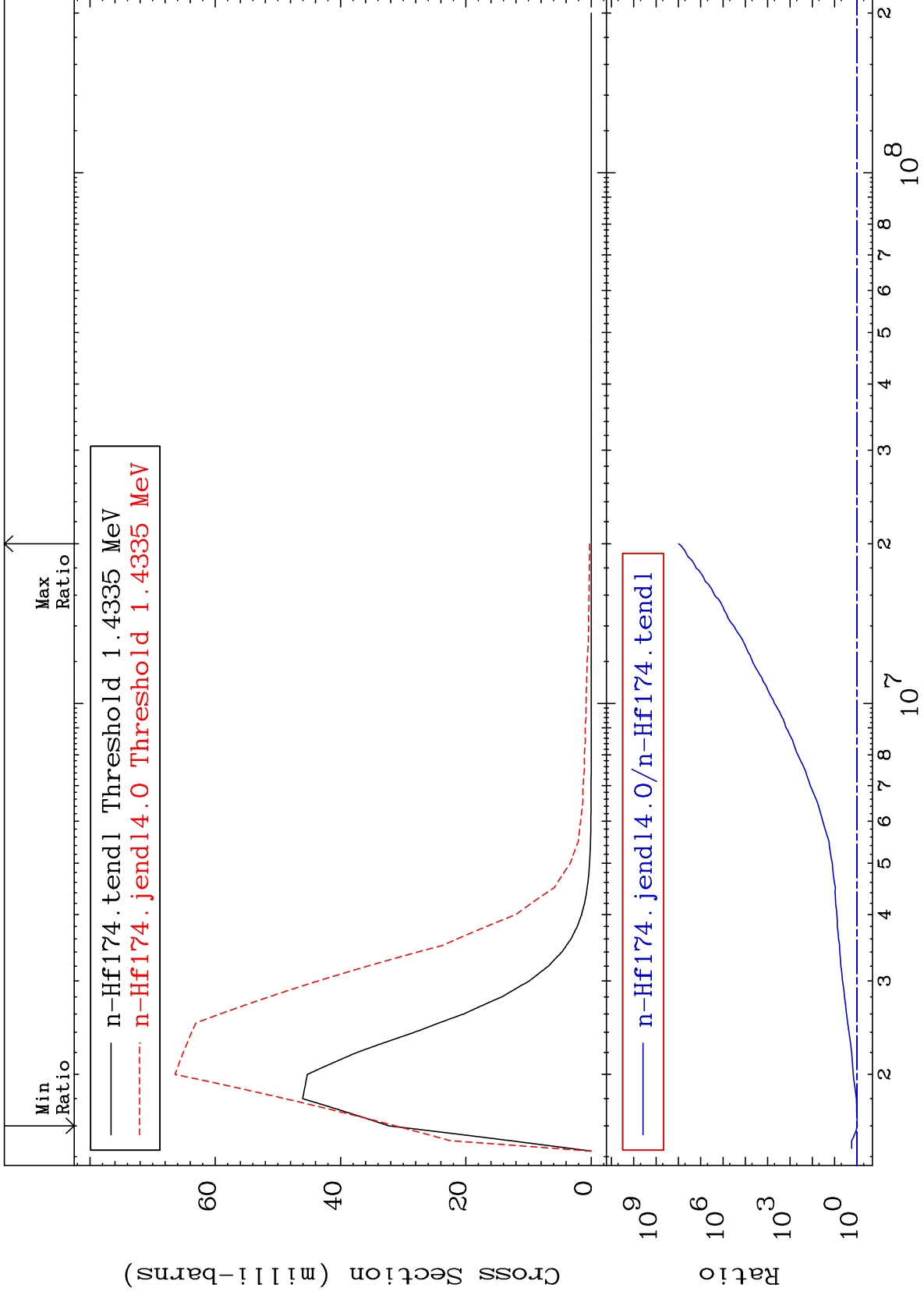


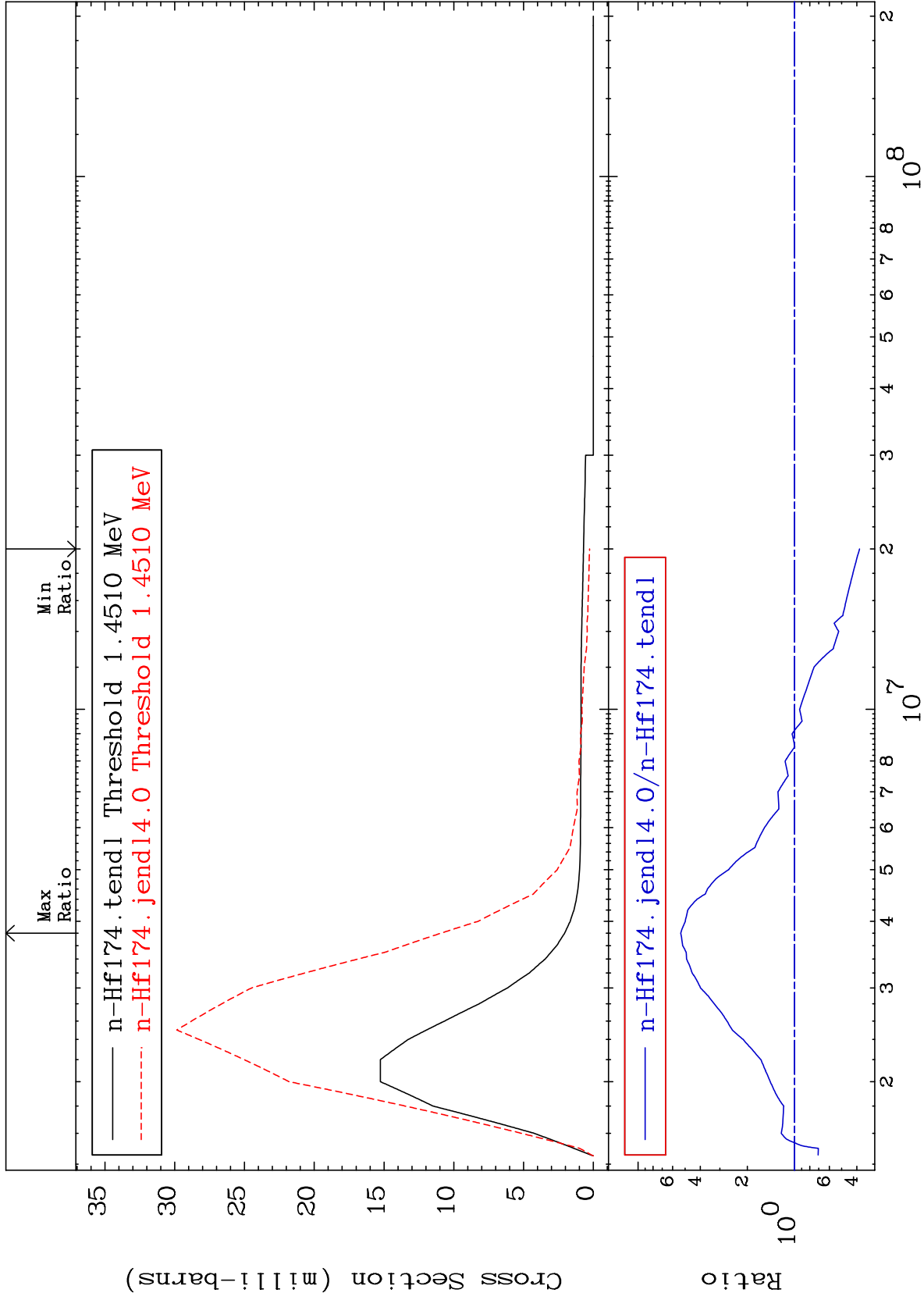


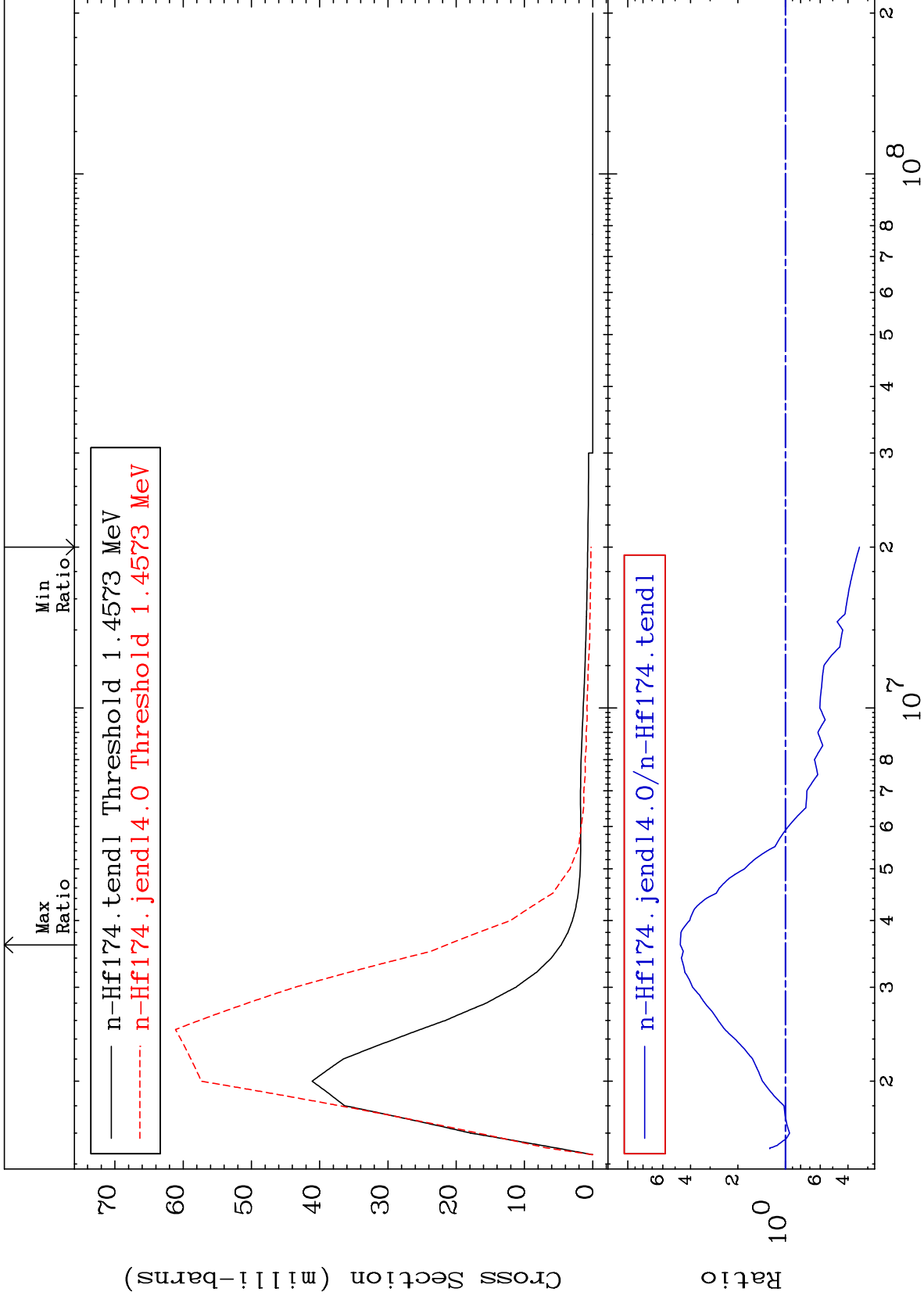
MAT 7225

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

72-Hf-174
-3.214 To 9999. %



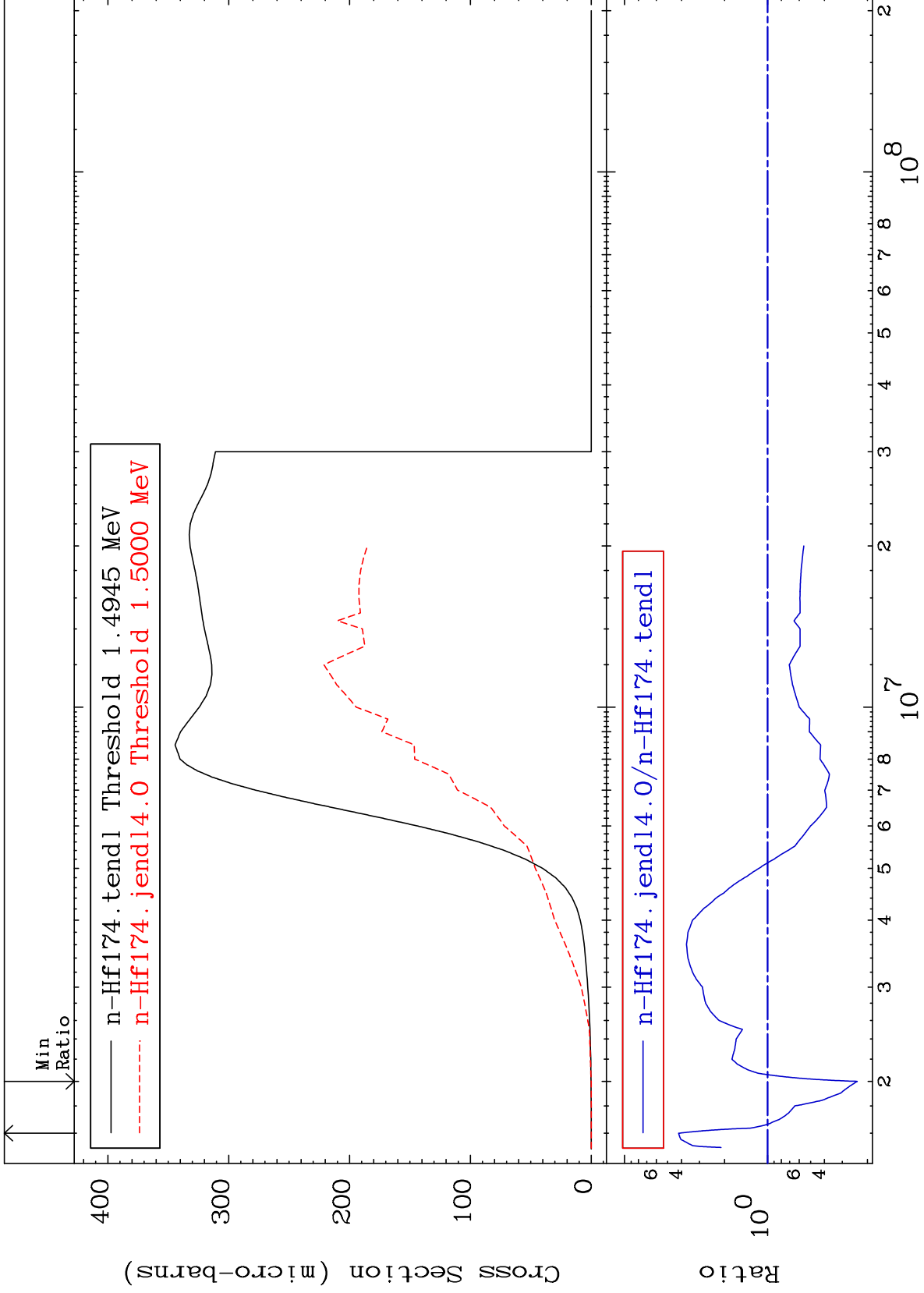




MAT 7225

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

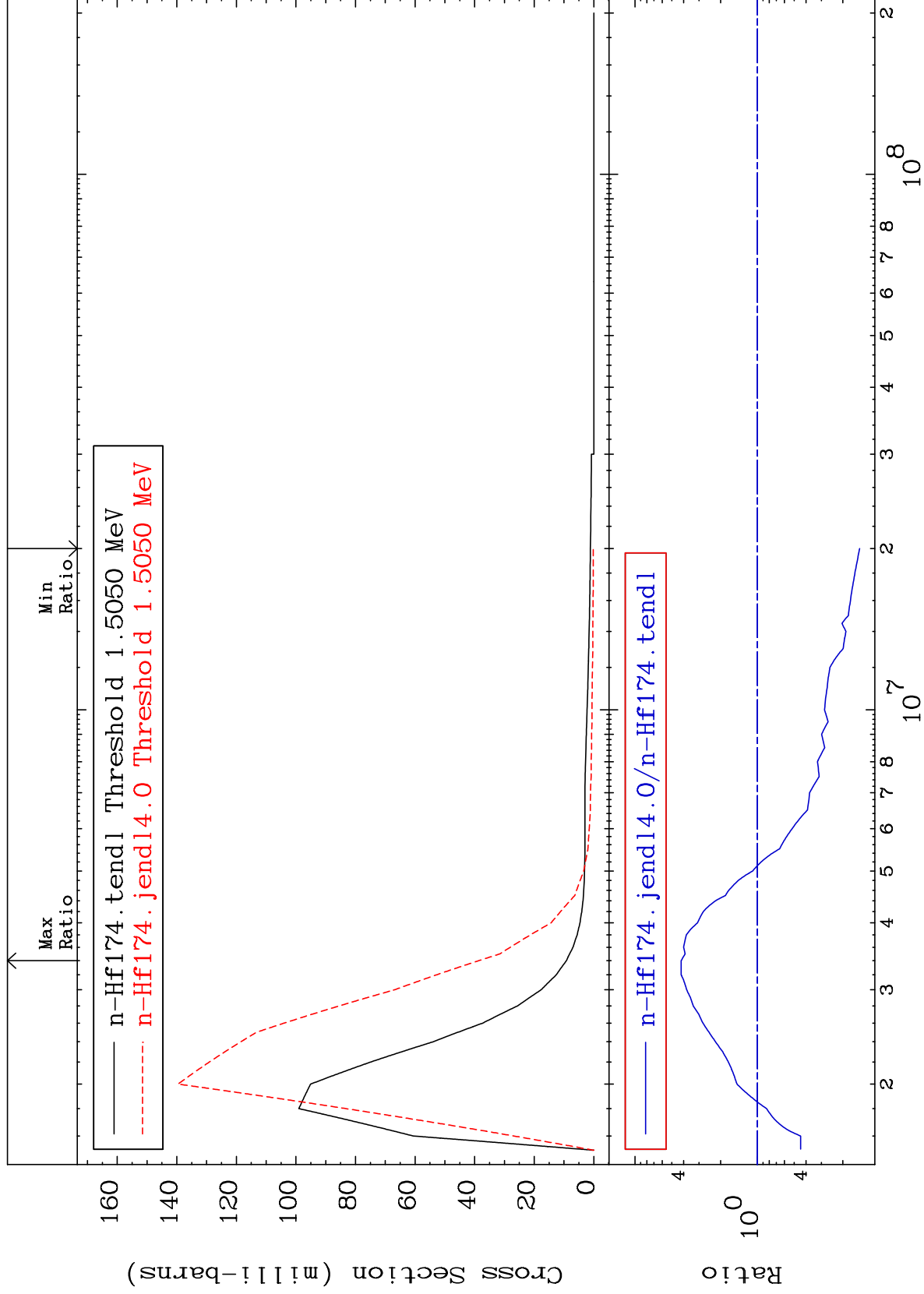
72-Hf-174
-76.42 To 318.5 %



MAT 7225

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

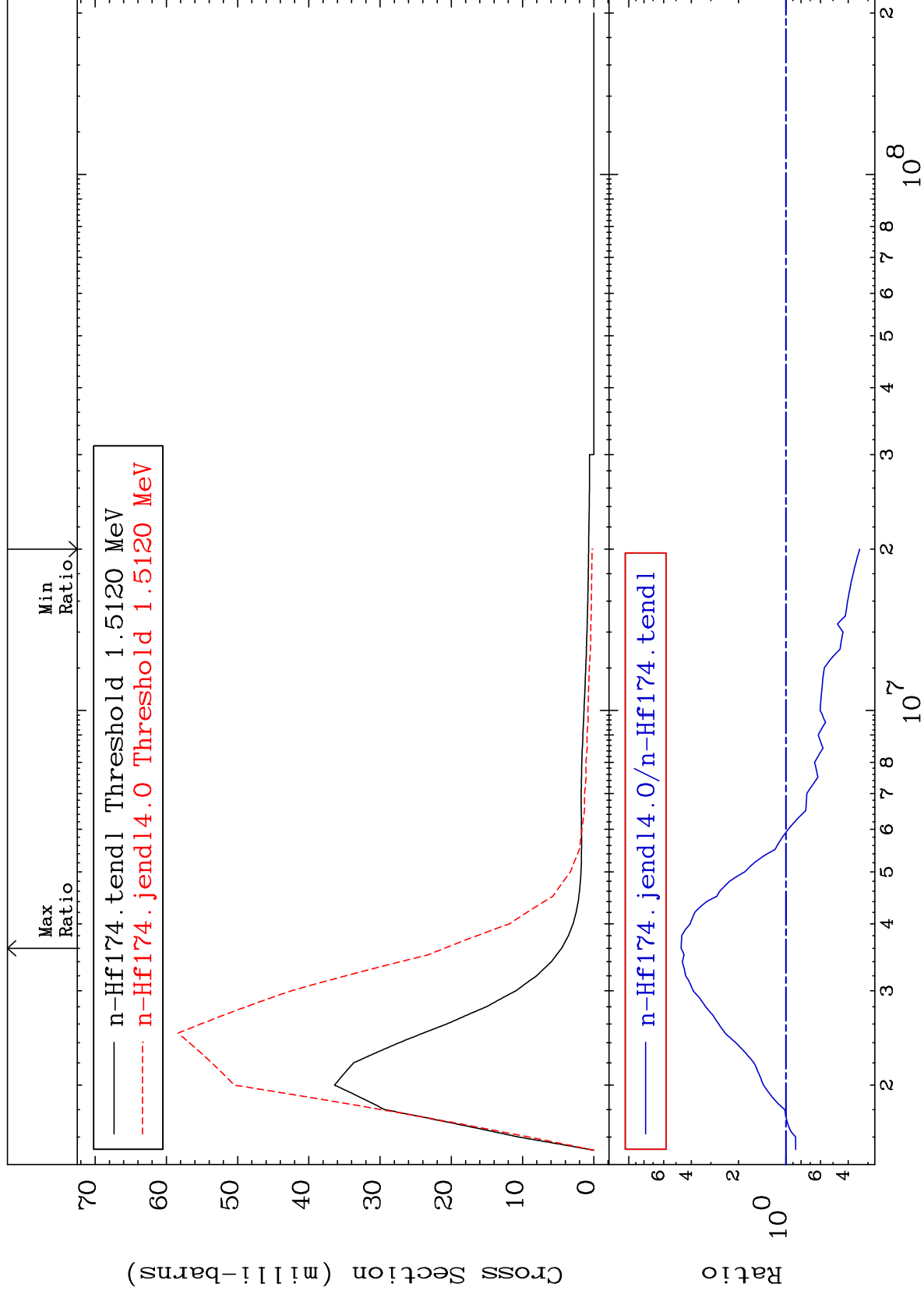
72-Hf-174
-85.42 To 319.4 %

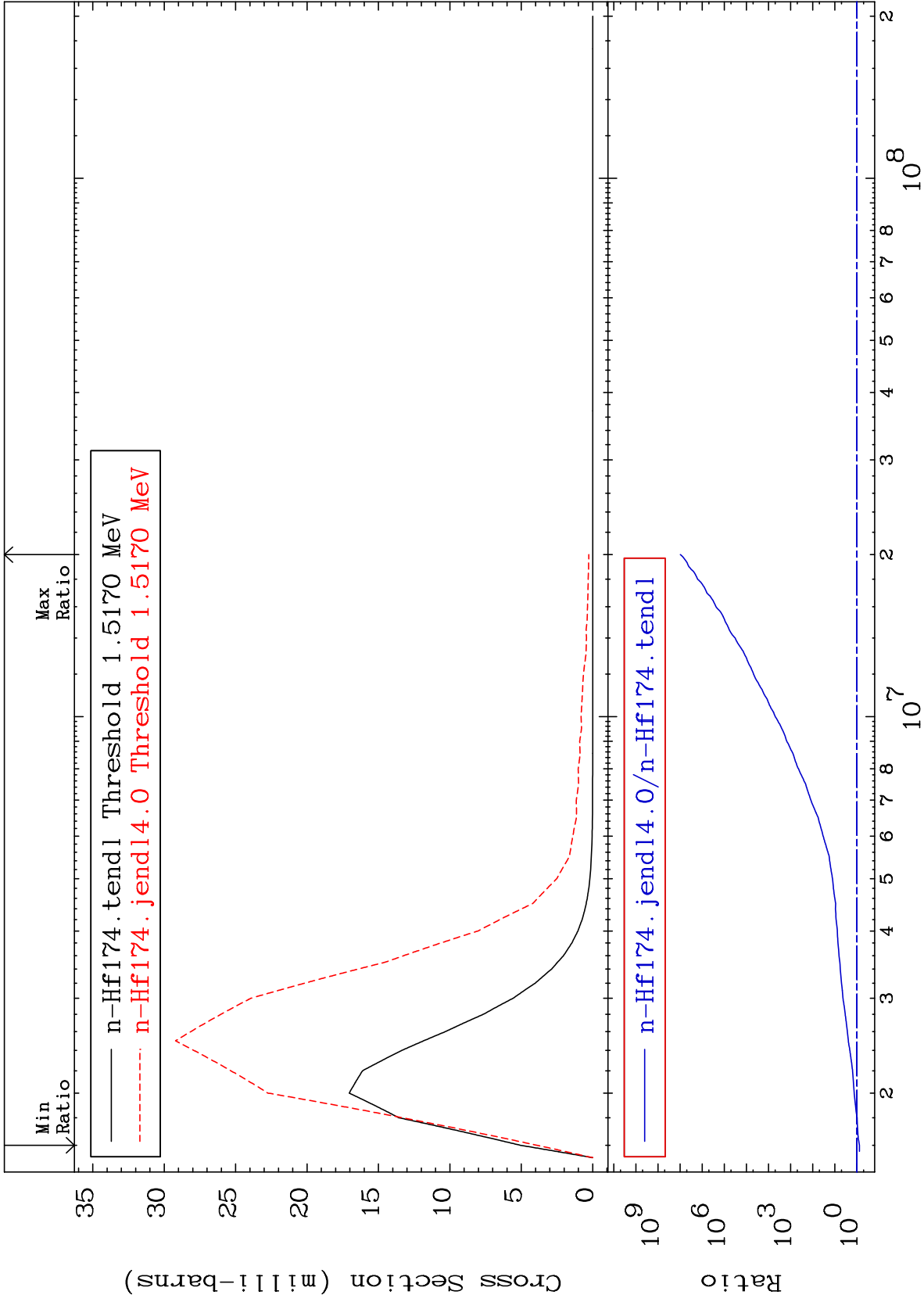


MAT 7225

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

72-Hf-174
-66.13 To 363.6 %

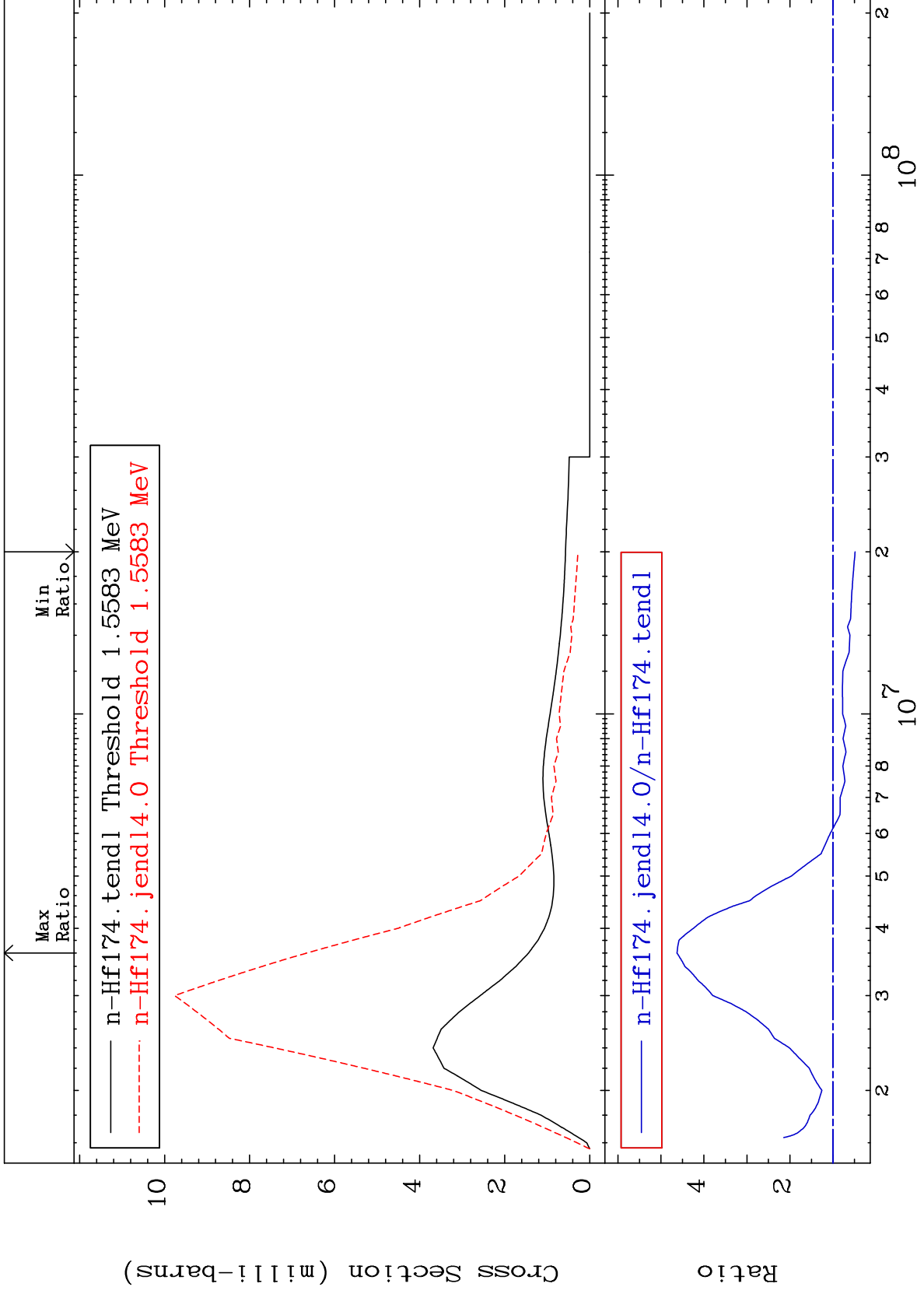




MAT 7225

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

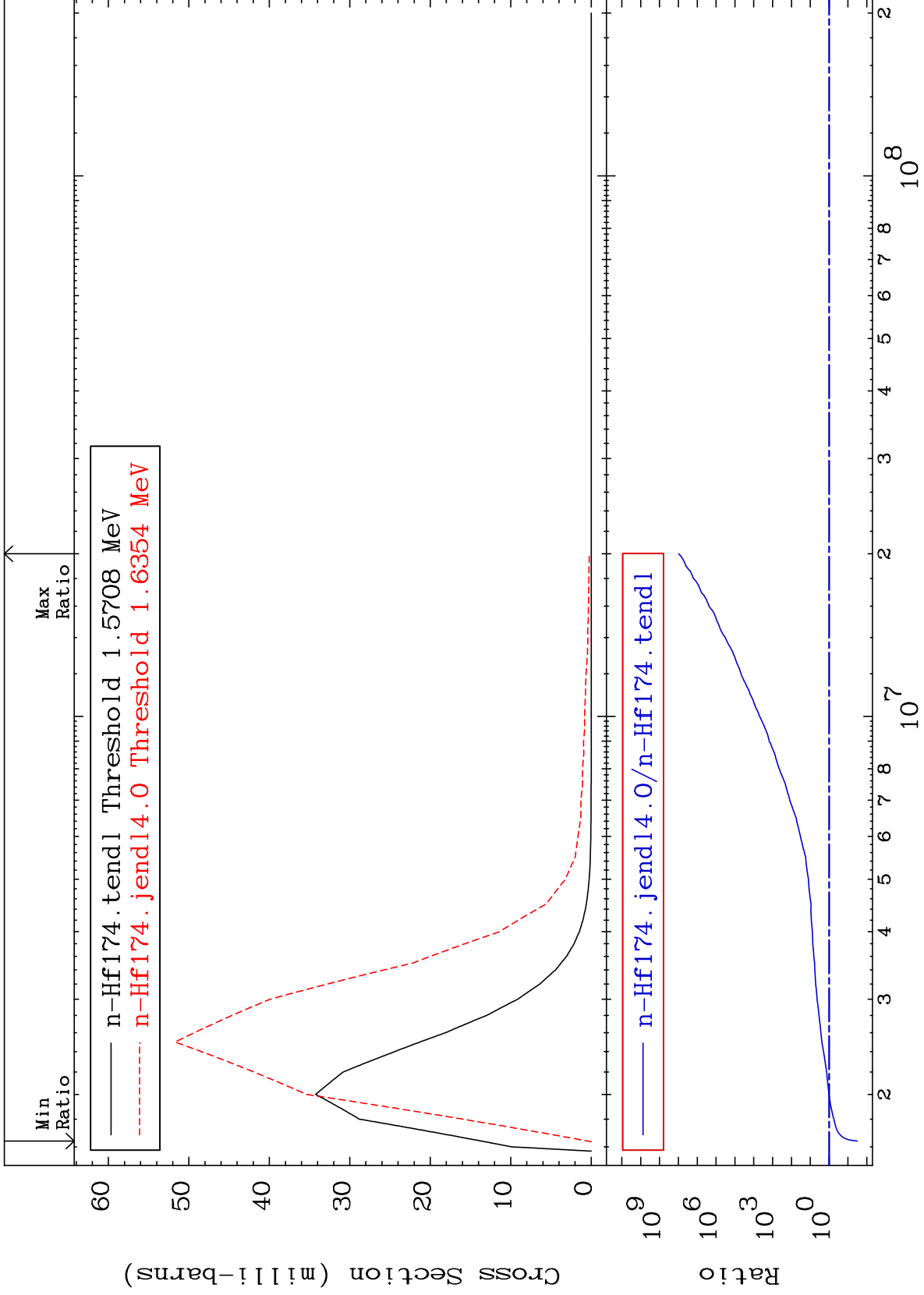
72-Hf-174
-51.53 To 362.8 %

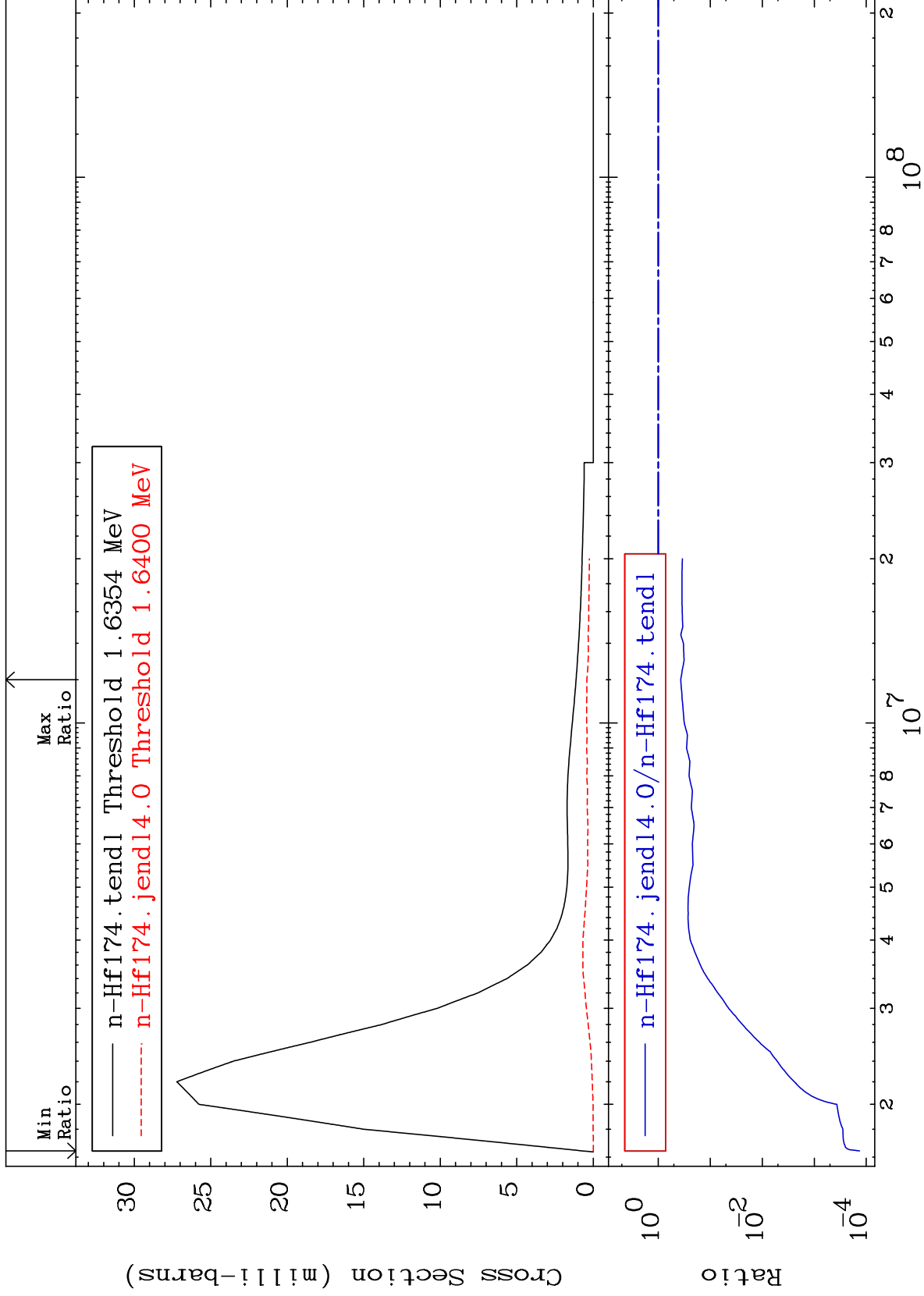


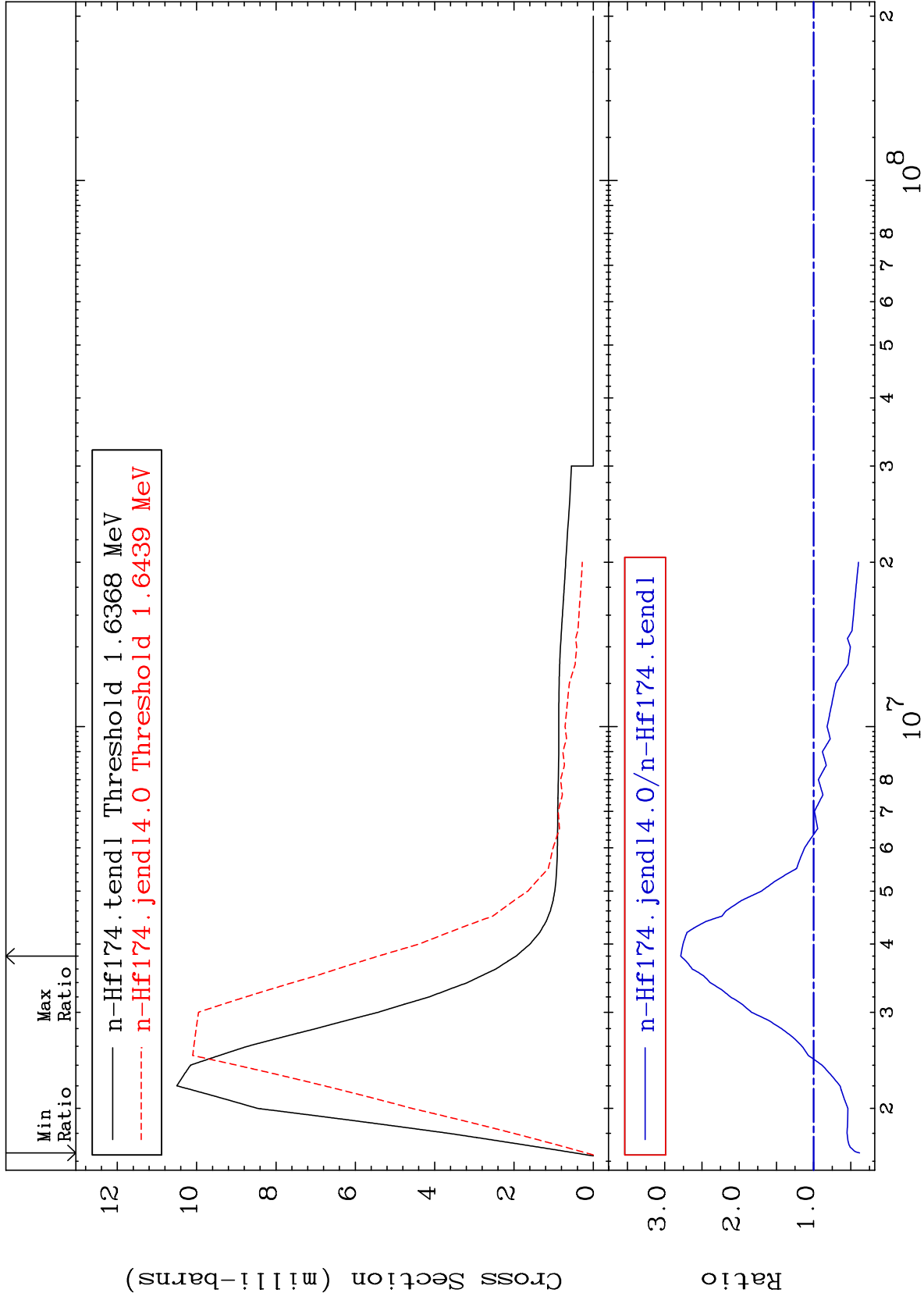
MAT 7225

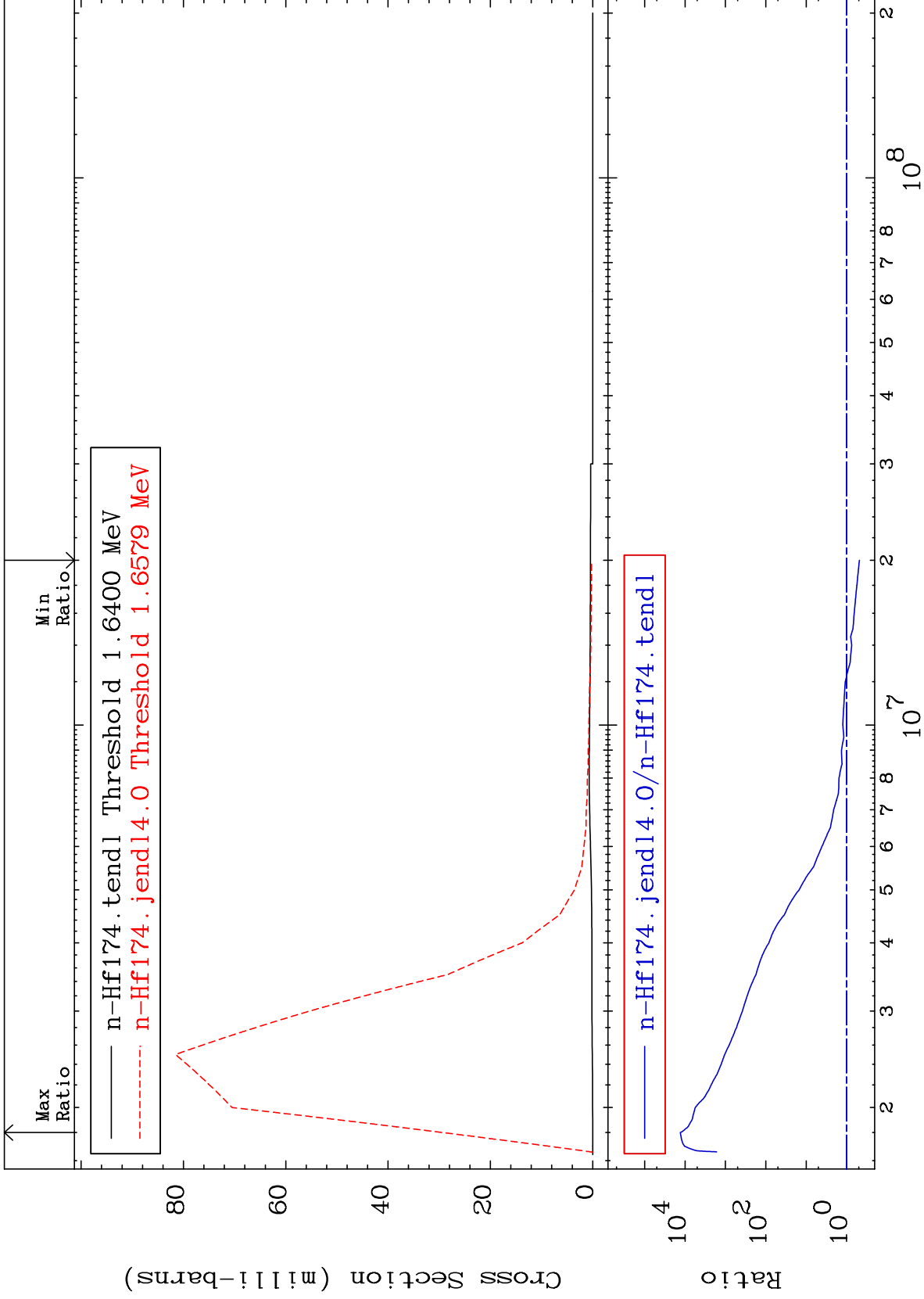
MT= 74 (n,n') Level
Cross Section

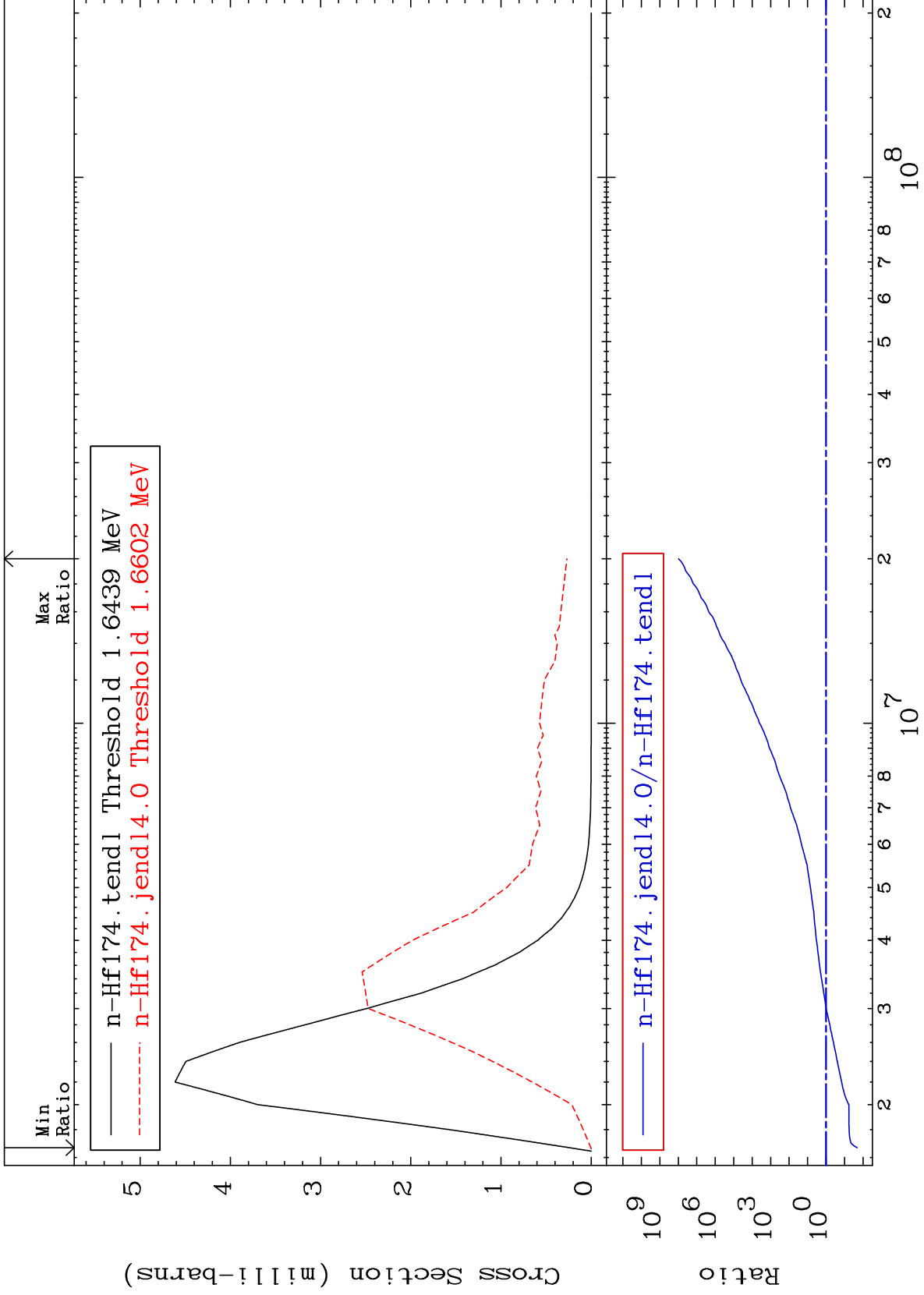
72-Hf-174
-96.78 To 9999. %

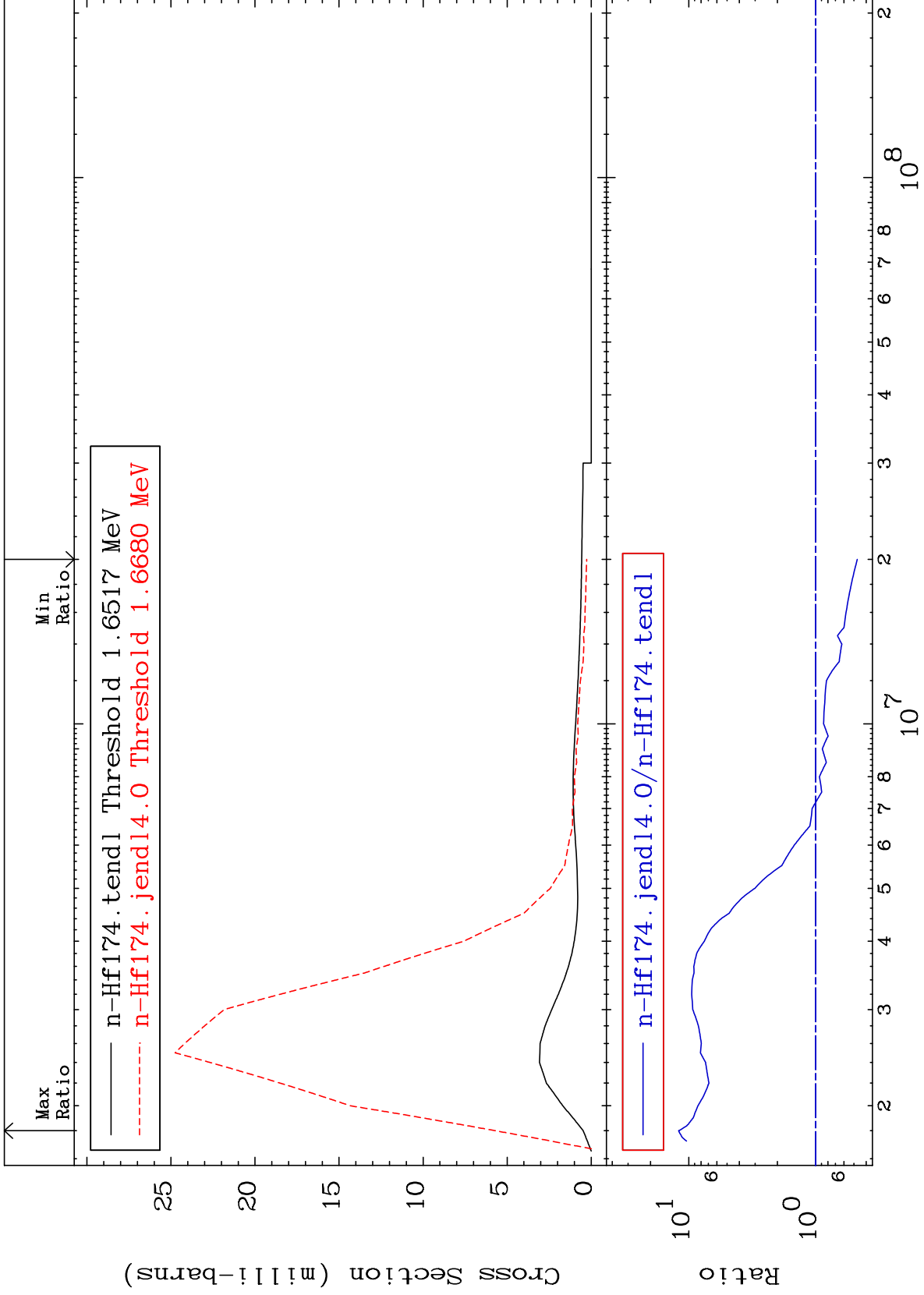


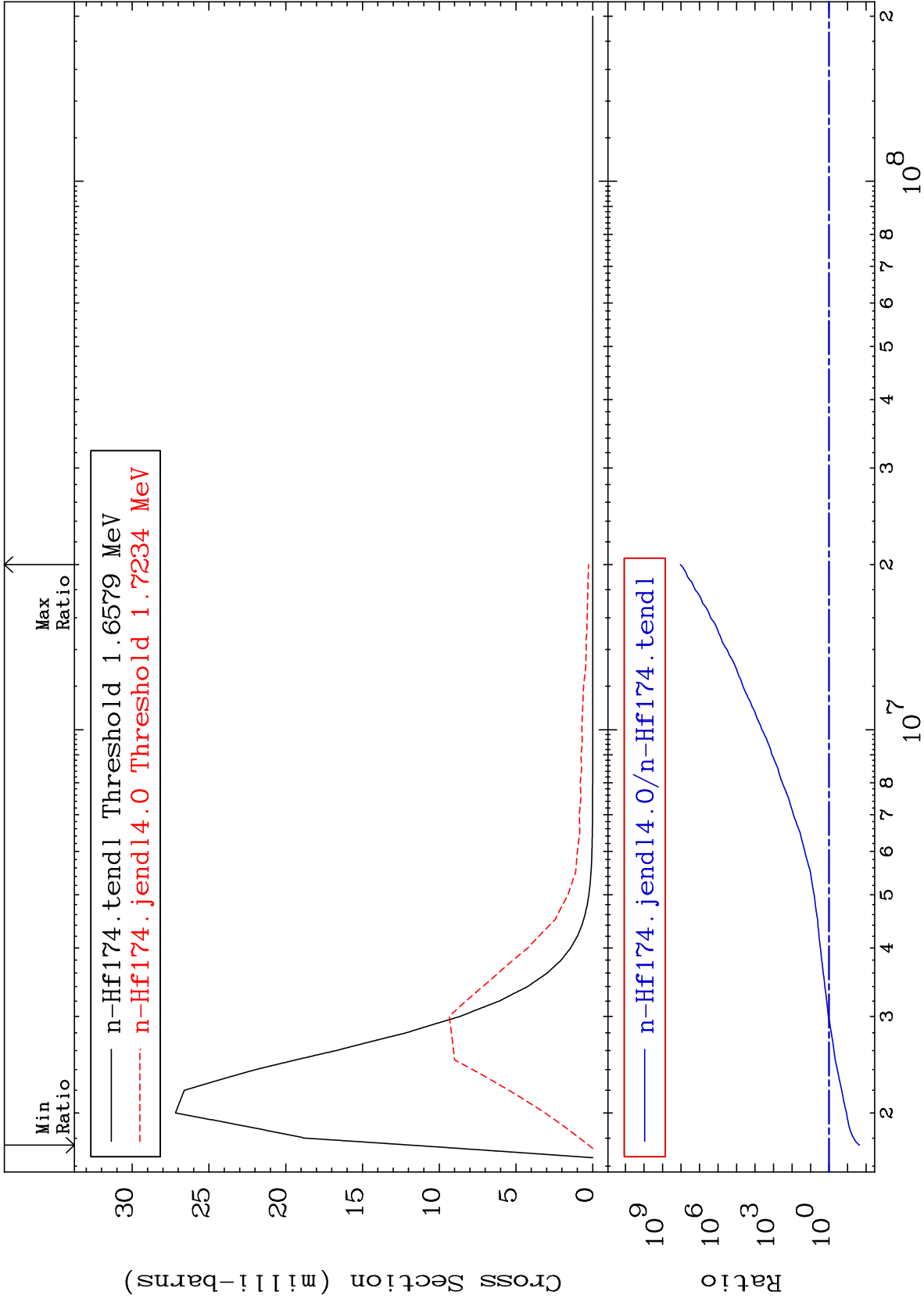


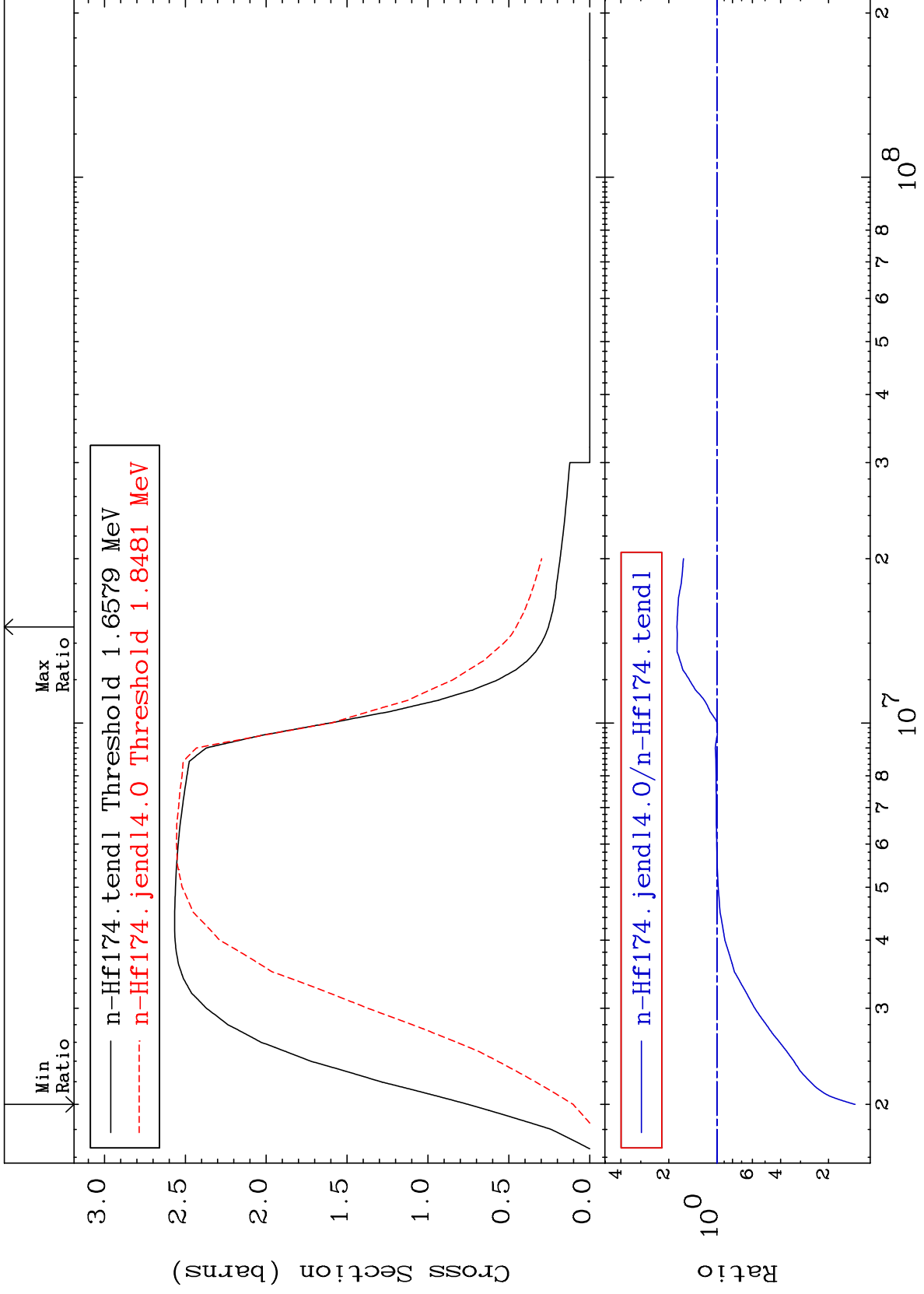








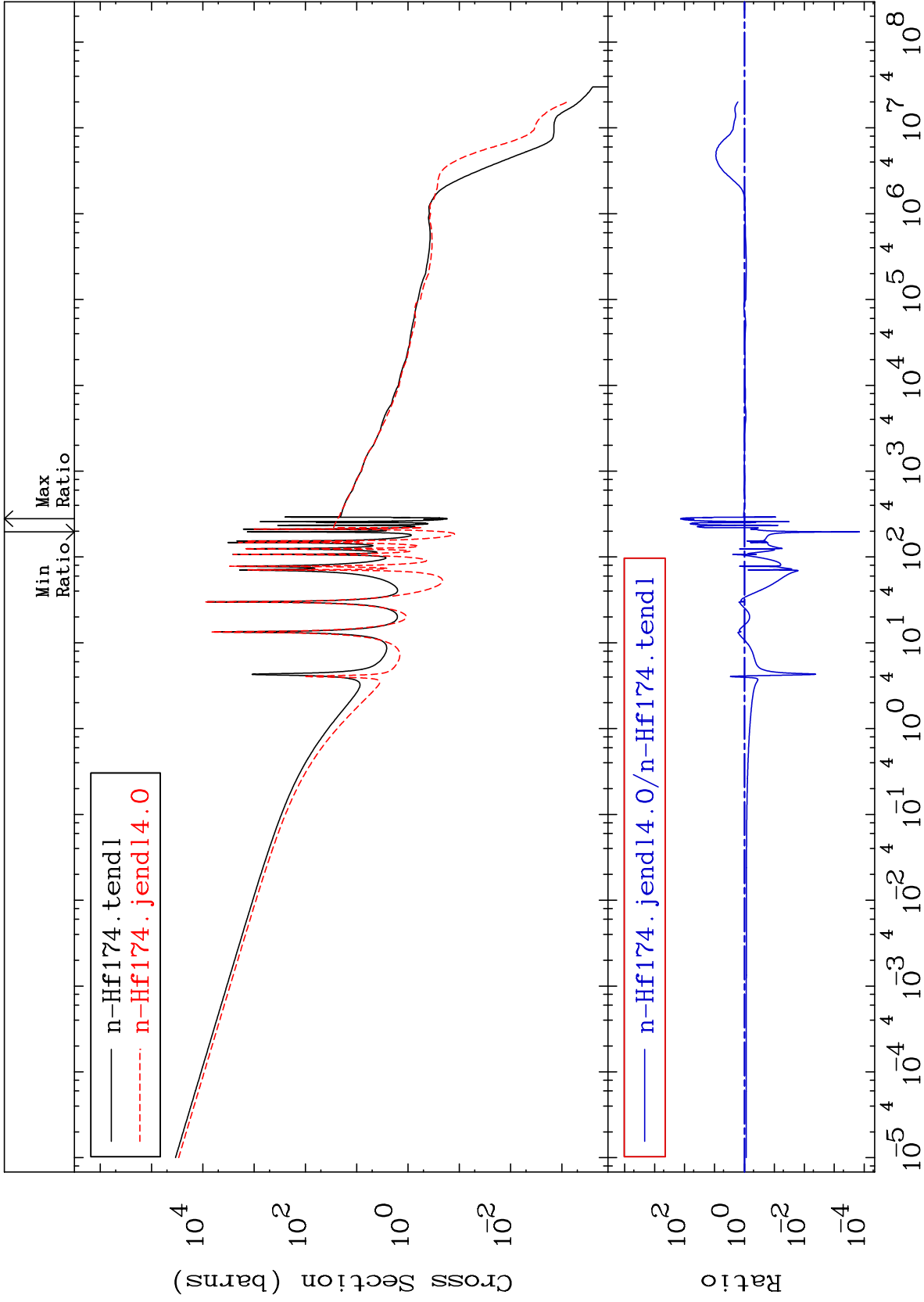




MAT 7225

(n, γ)
Cross Section

72-Hf-174
-99.99 To 9999. %



40

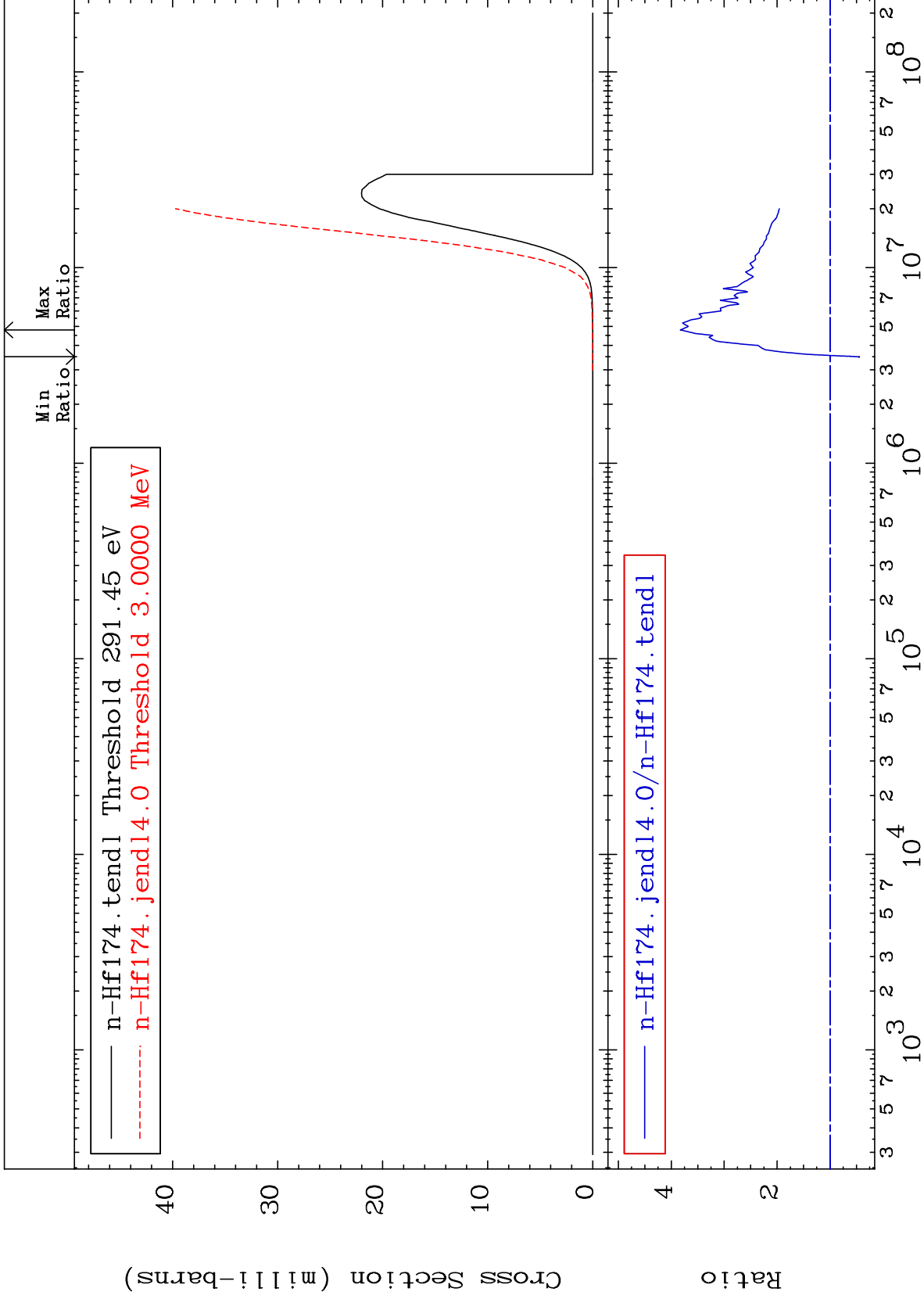
Incident Energy (eV)

72-Hf-174

MAT 7225

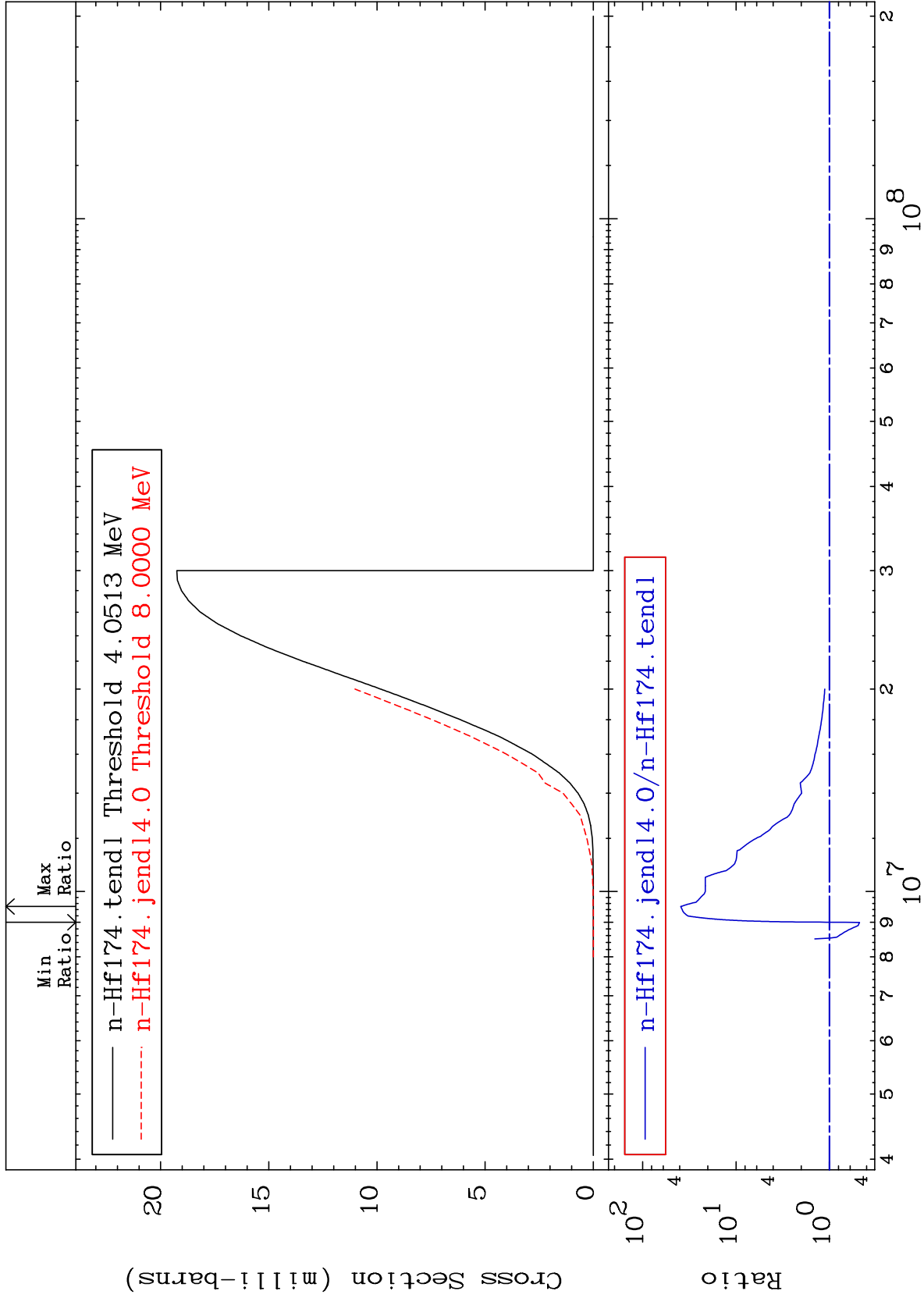
(n,p)
Cross Section

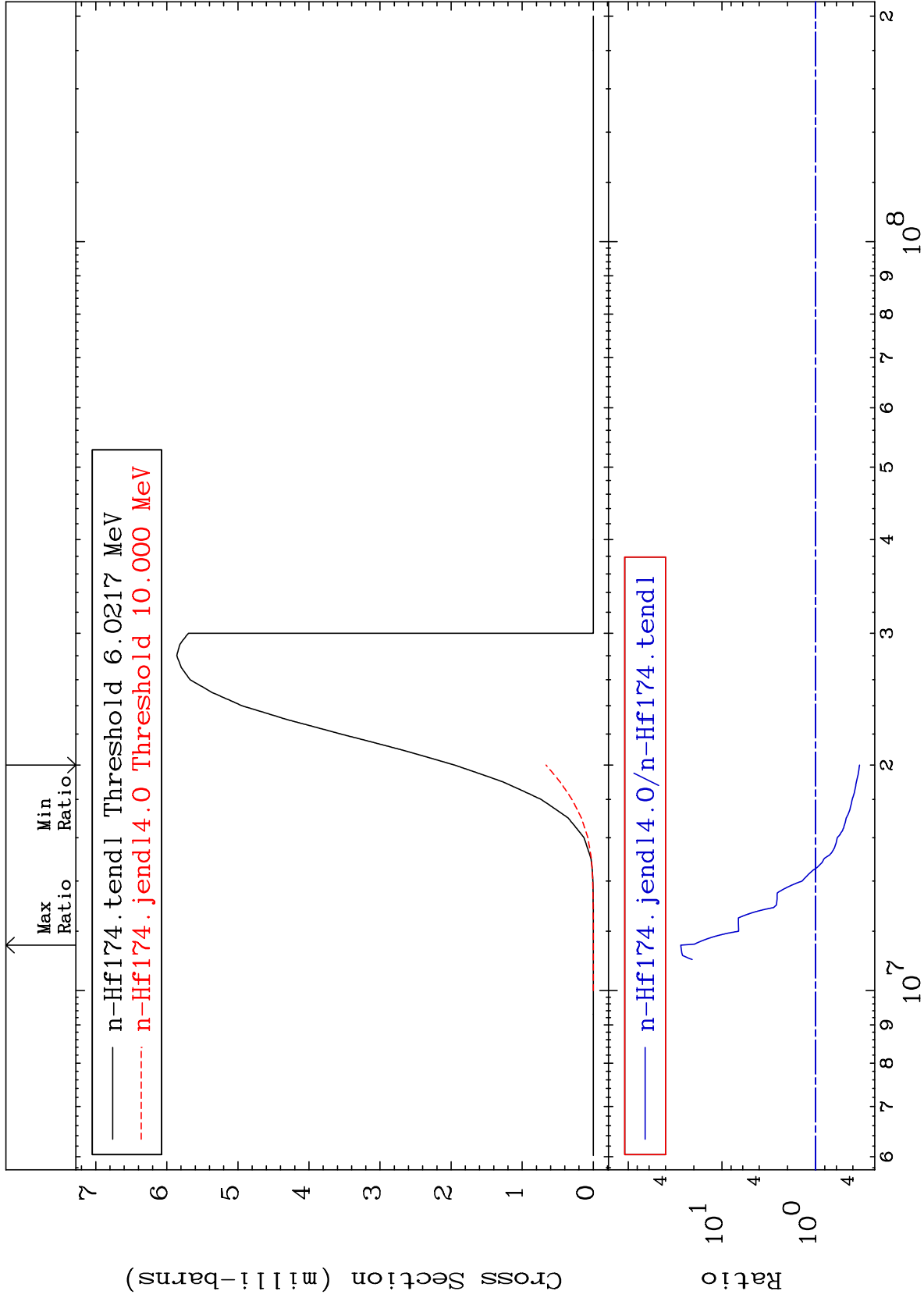
72-Hf-174
-55.67 To 282.8 %



Cross Section

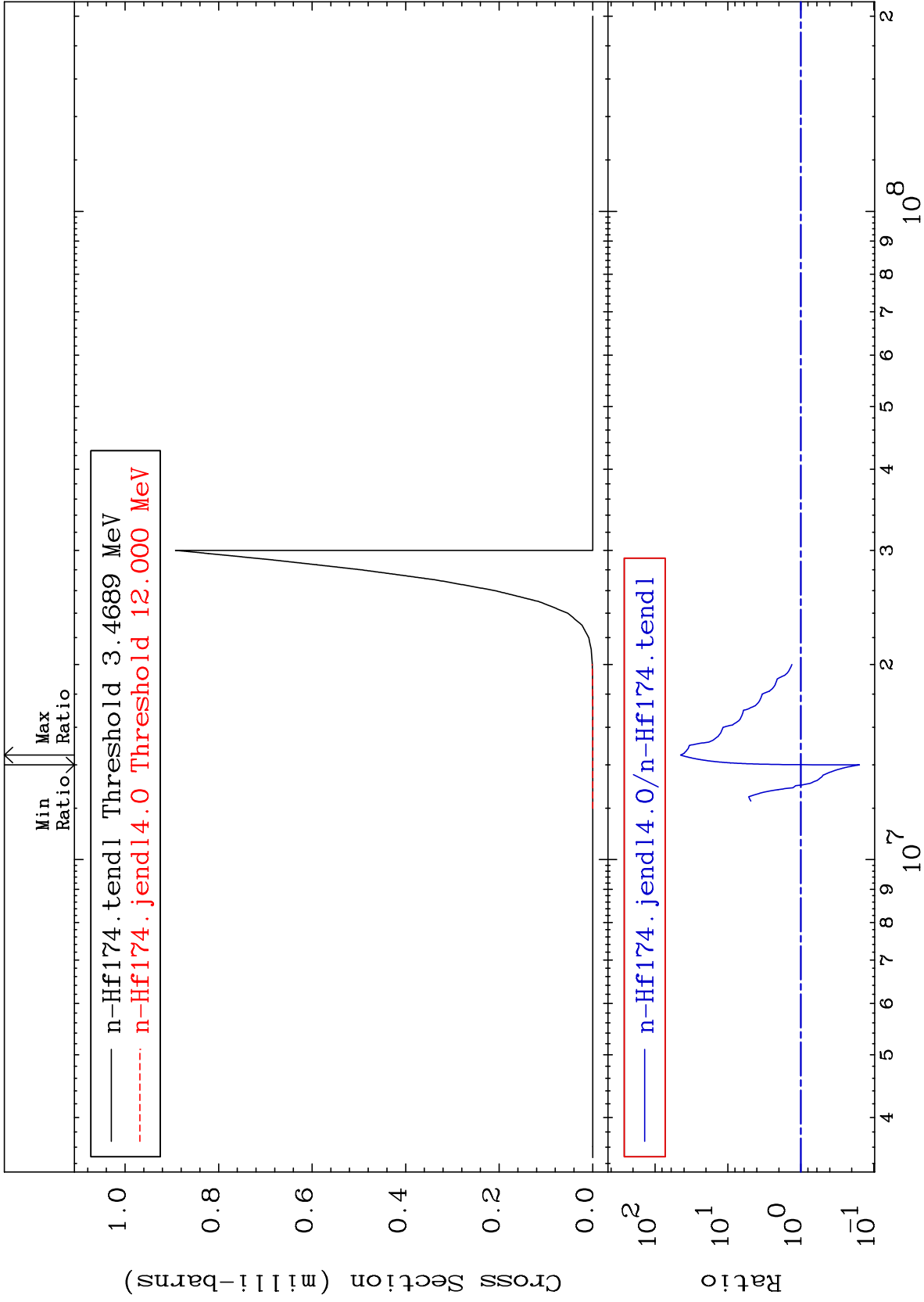
-52.41 To 3802. %





Cross Section

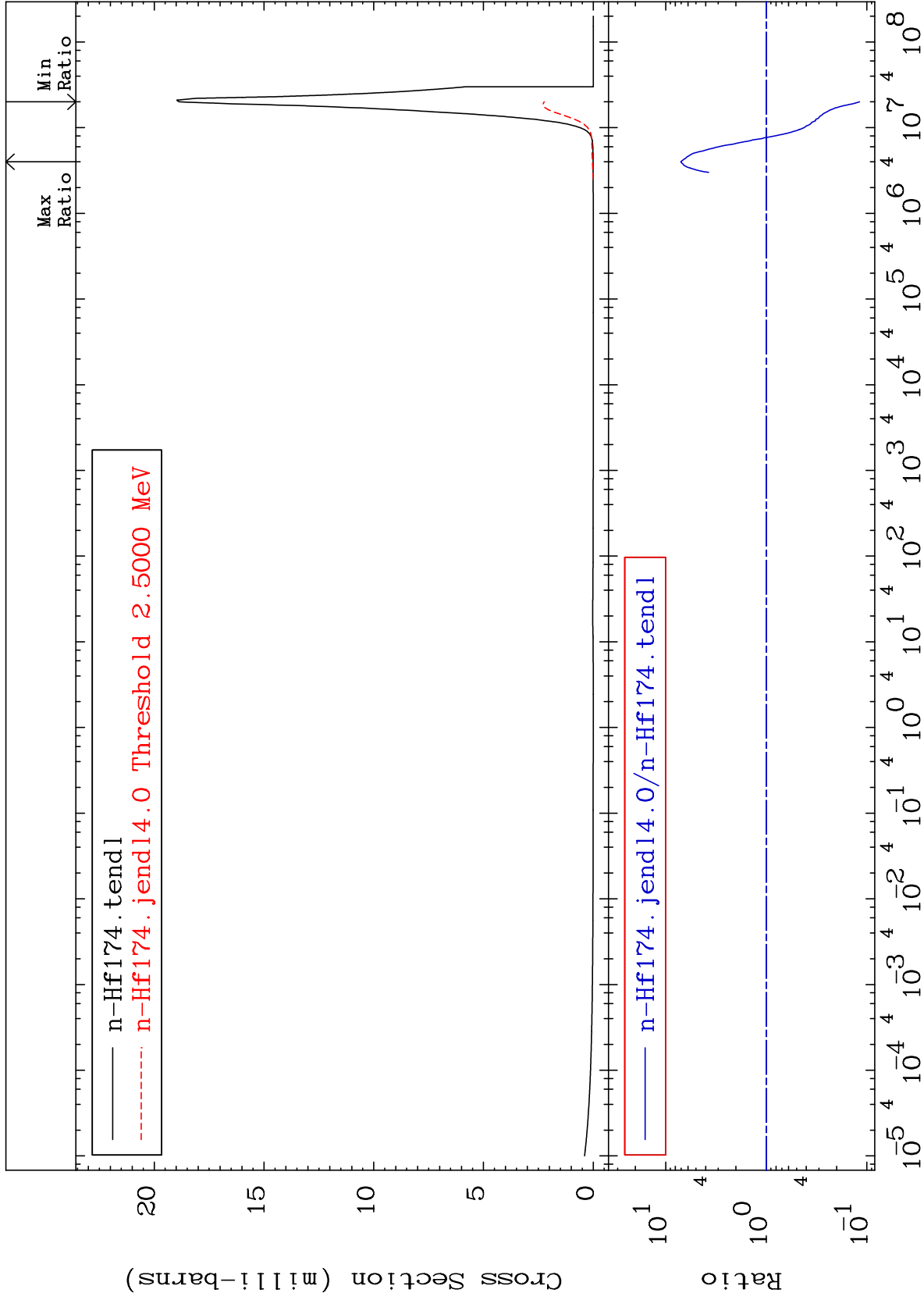
-84.30 To 4389. %



MAT 7225

(n, α)
Cross Section

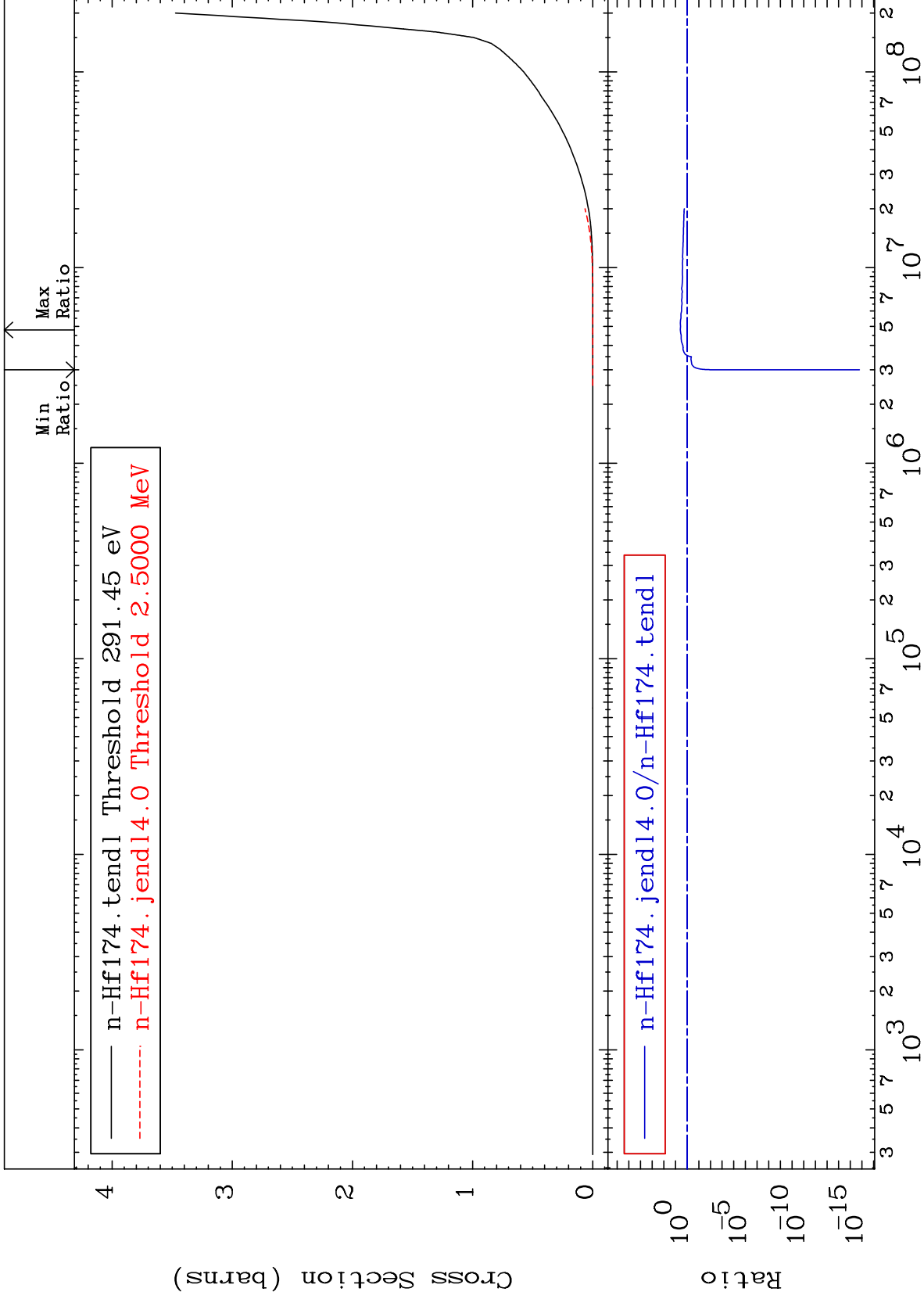
72-Hf-174
-88.16 To 607.4 %

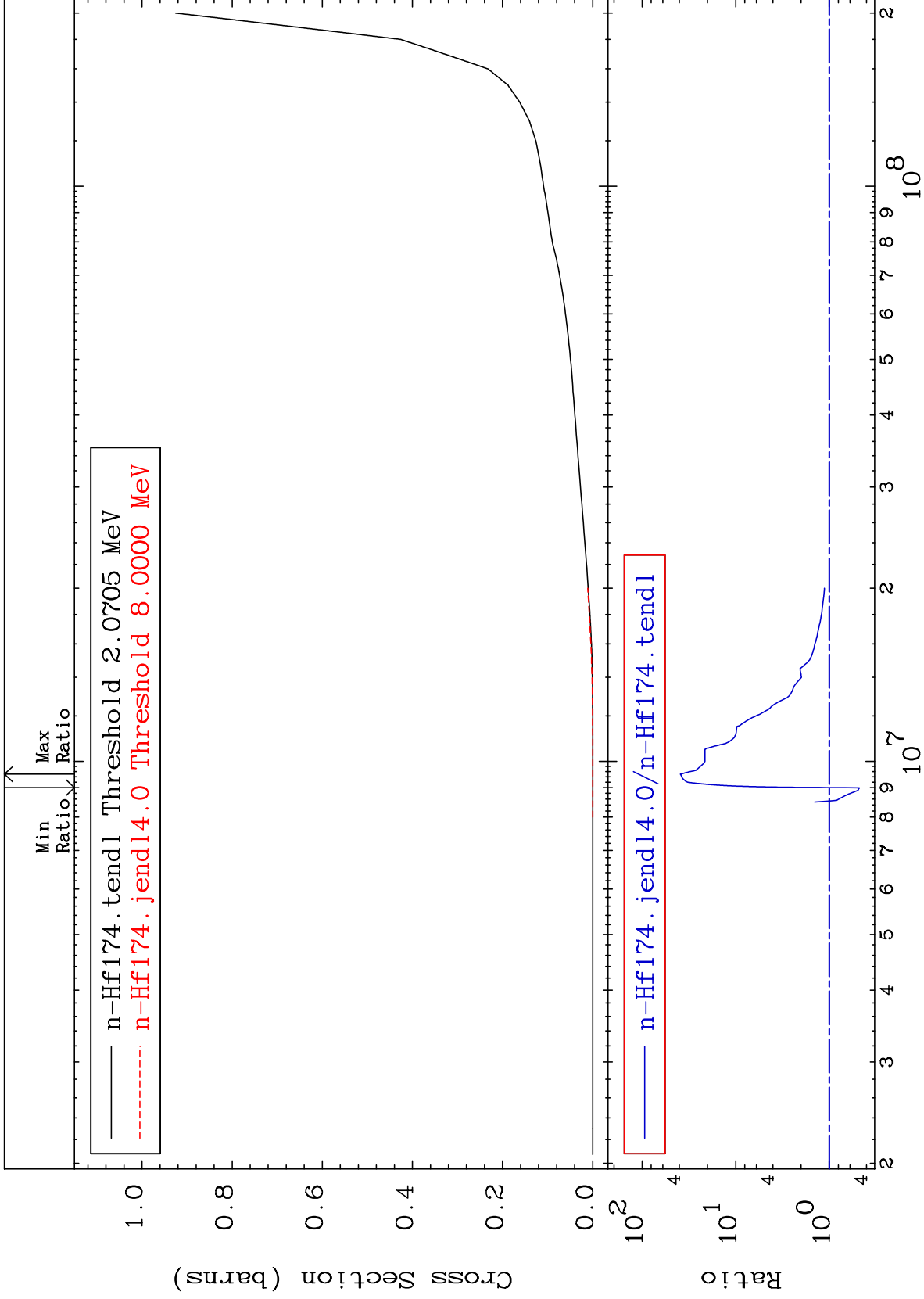


45

Incident Energy (eV)

72-Hf-174

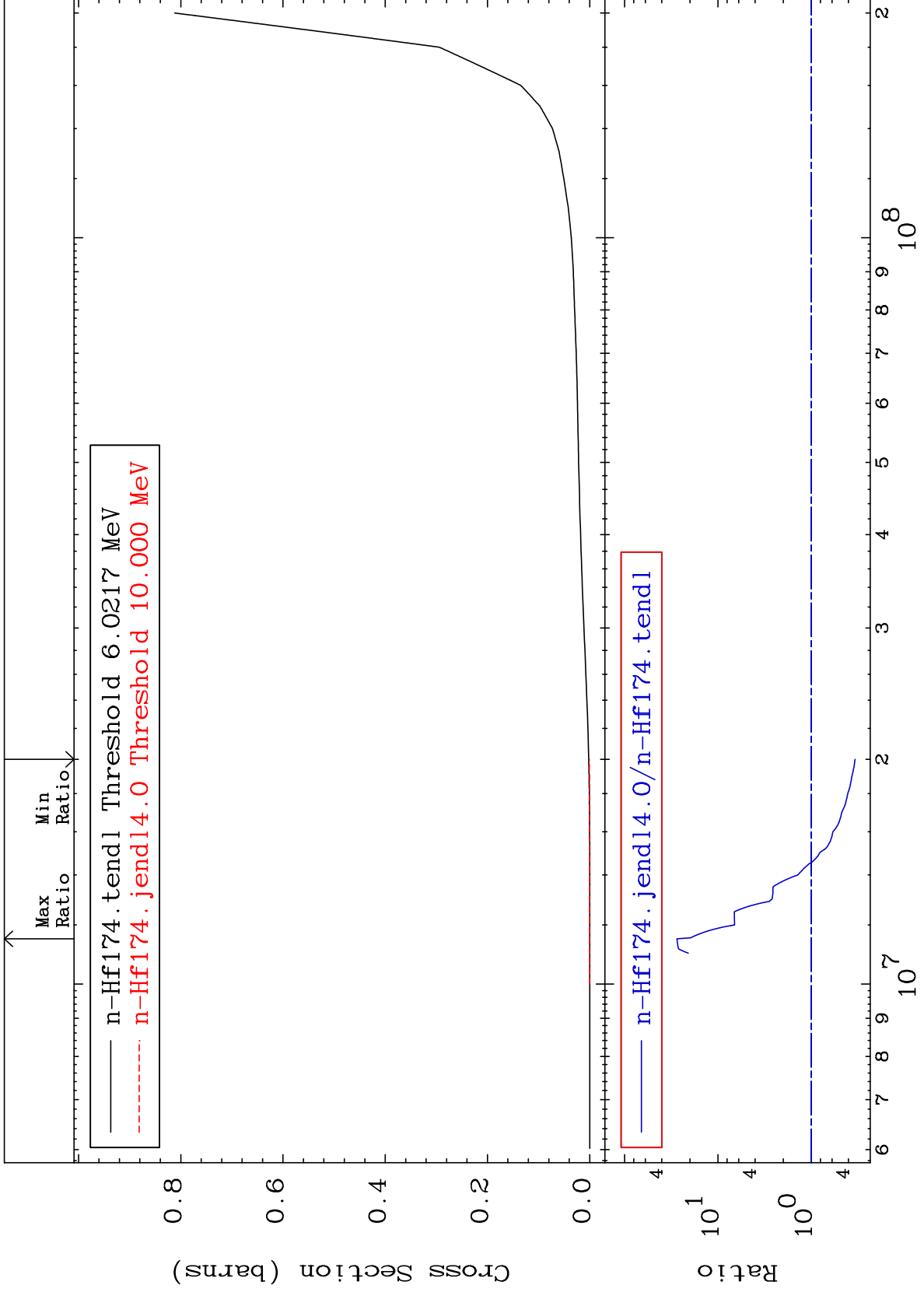




MAT 7225

Tritium Production
Cross Section

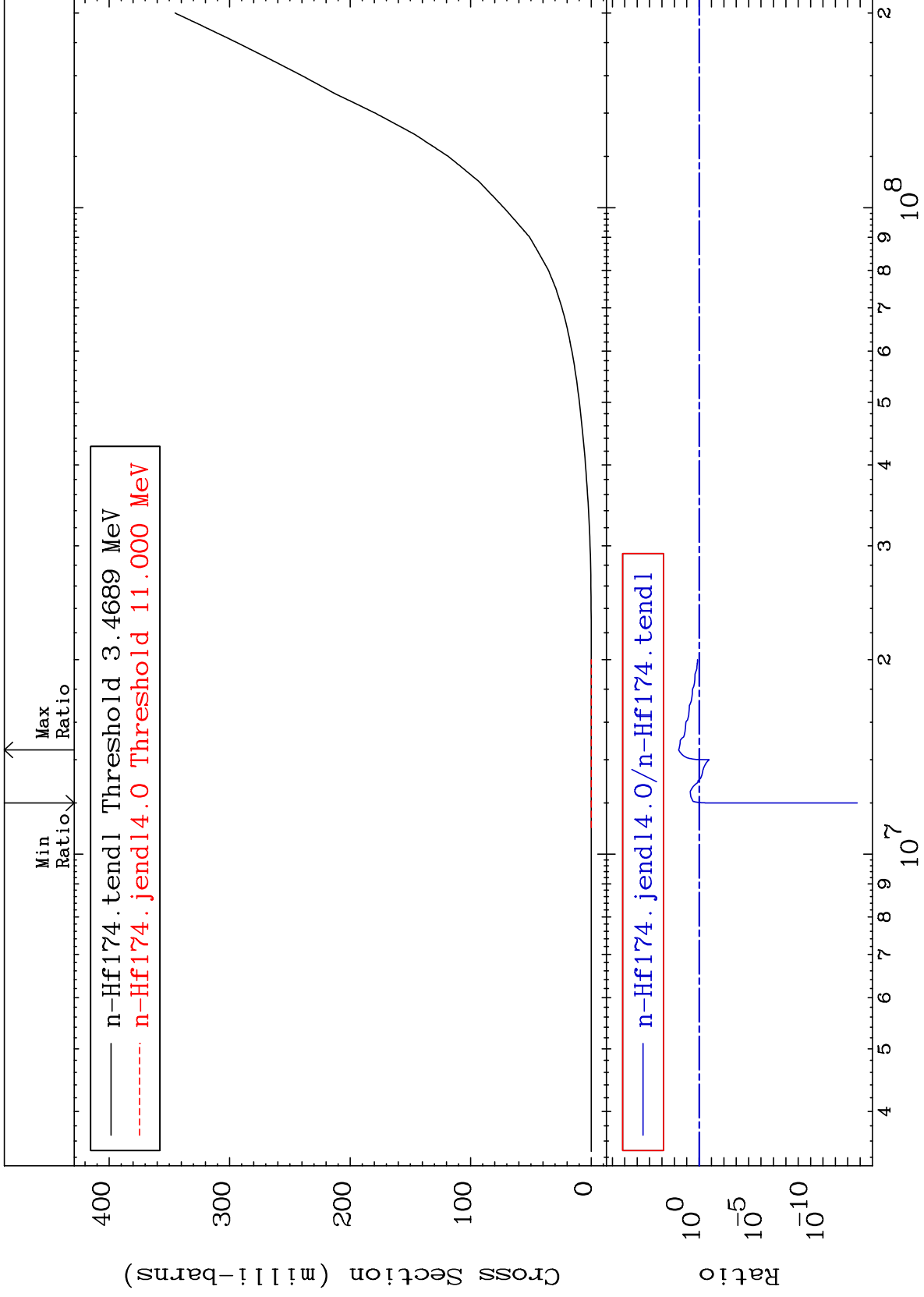
⁷²Hf-174
-66.00 To 2651. %



MAT 7225

He-3 Production
Cross Section

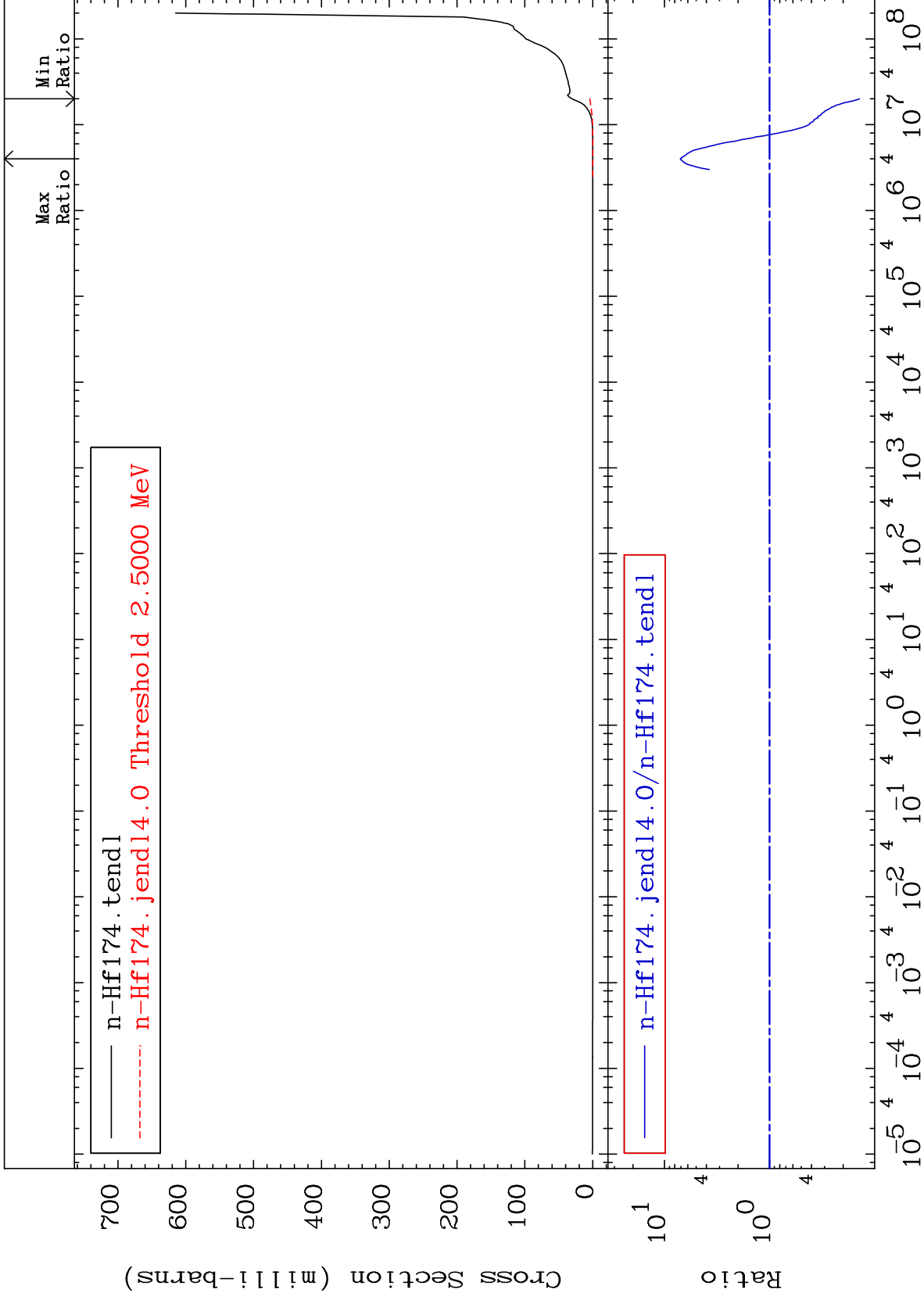
⁷²Hf-174
-100.0 To 4389. %



MAT 7225

He-4 Production
Cross Section

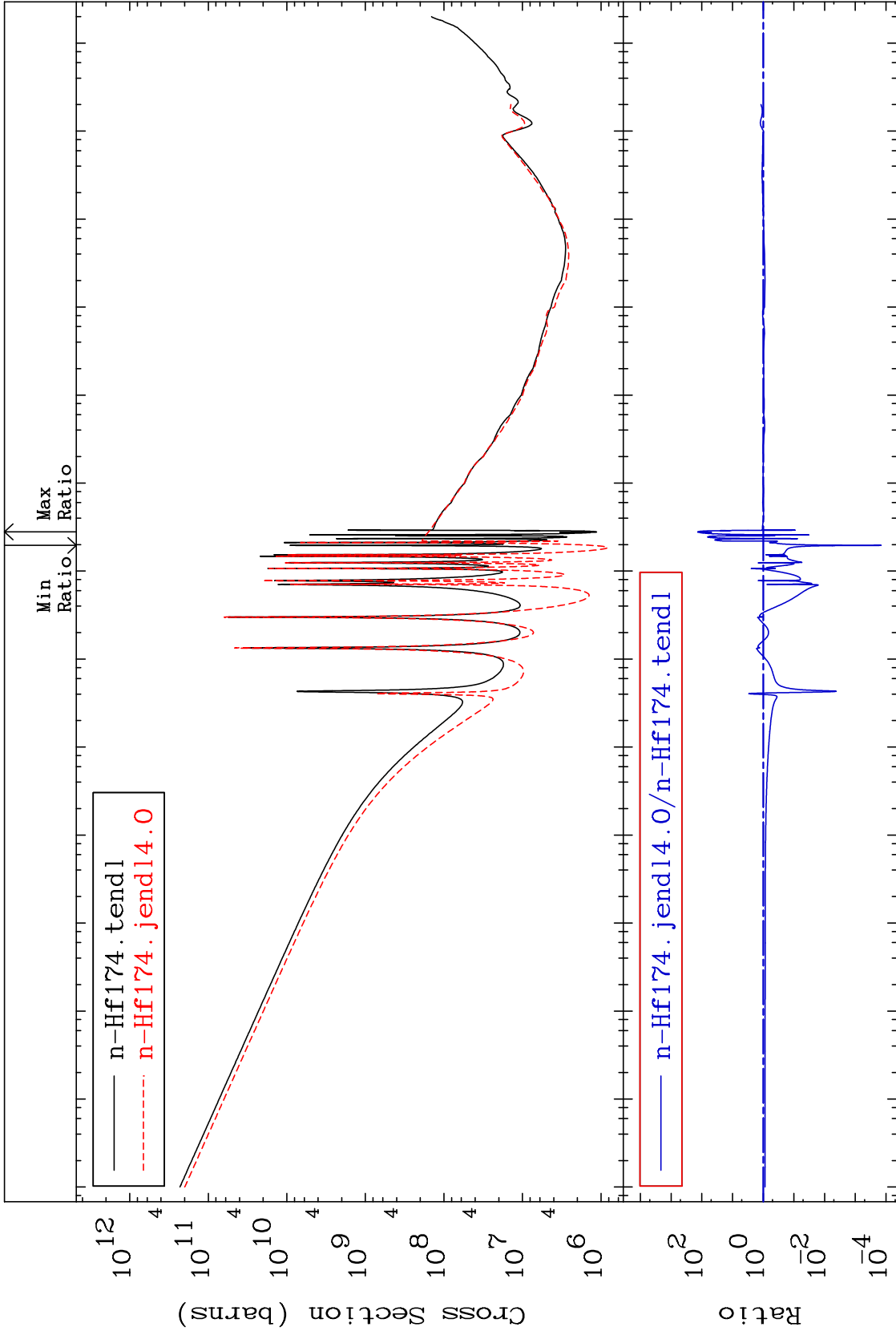
72-Hf-174
-86.02 To 607.4 %



50

Incident Energy (eV)

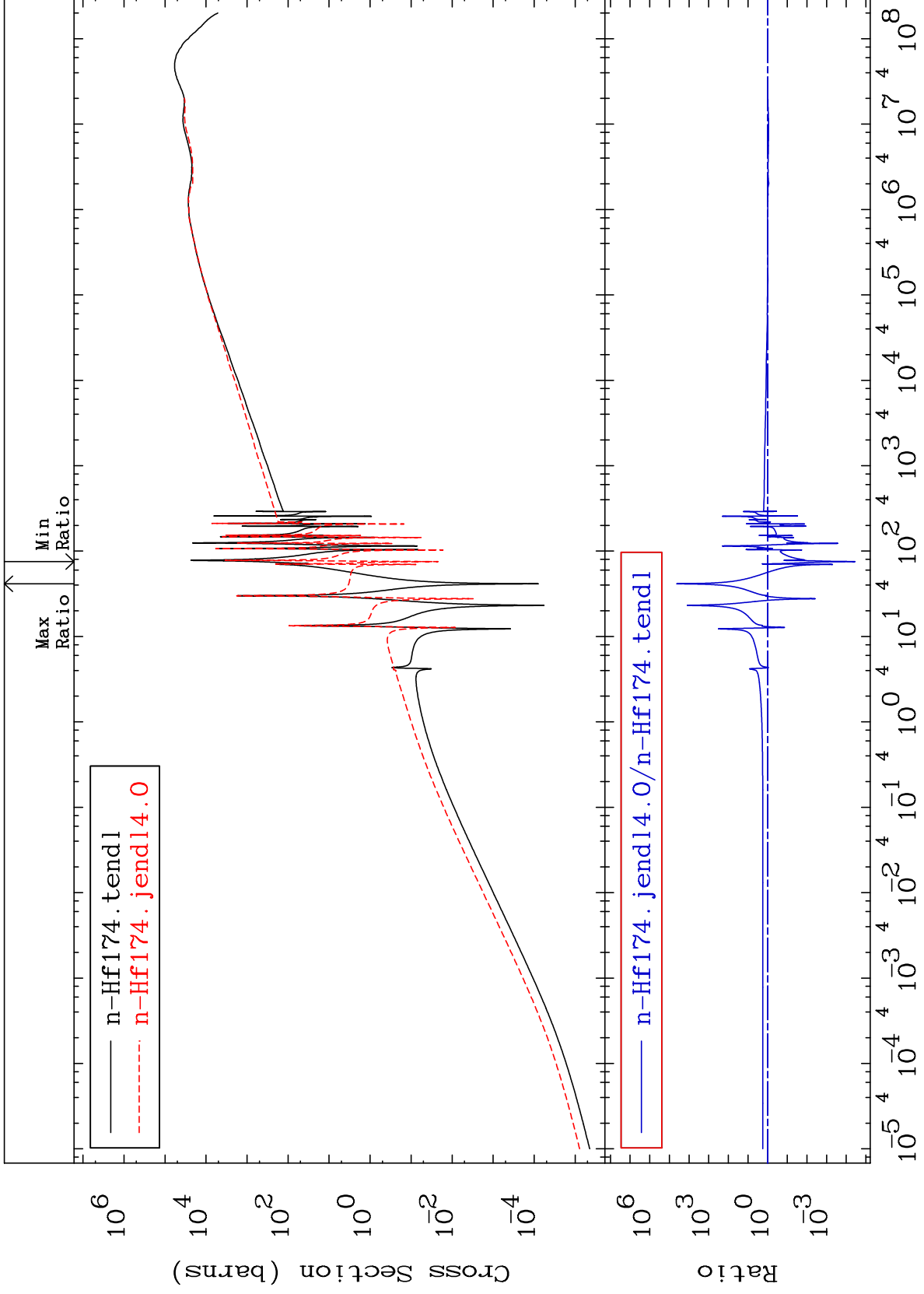
72-Hf-174

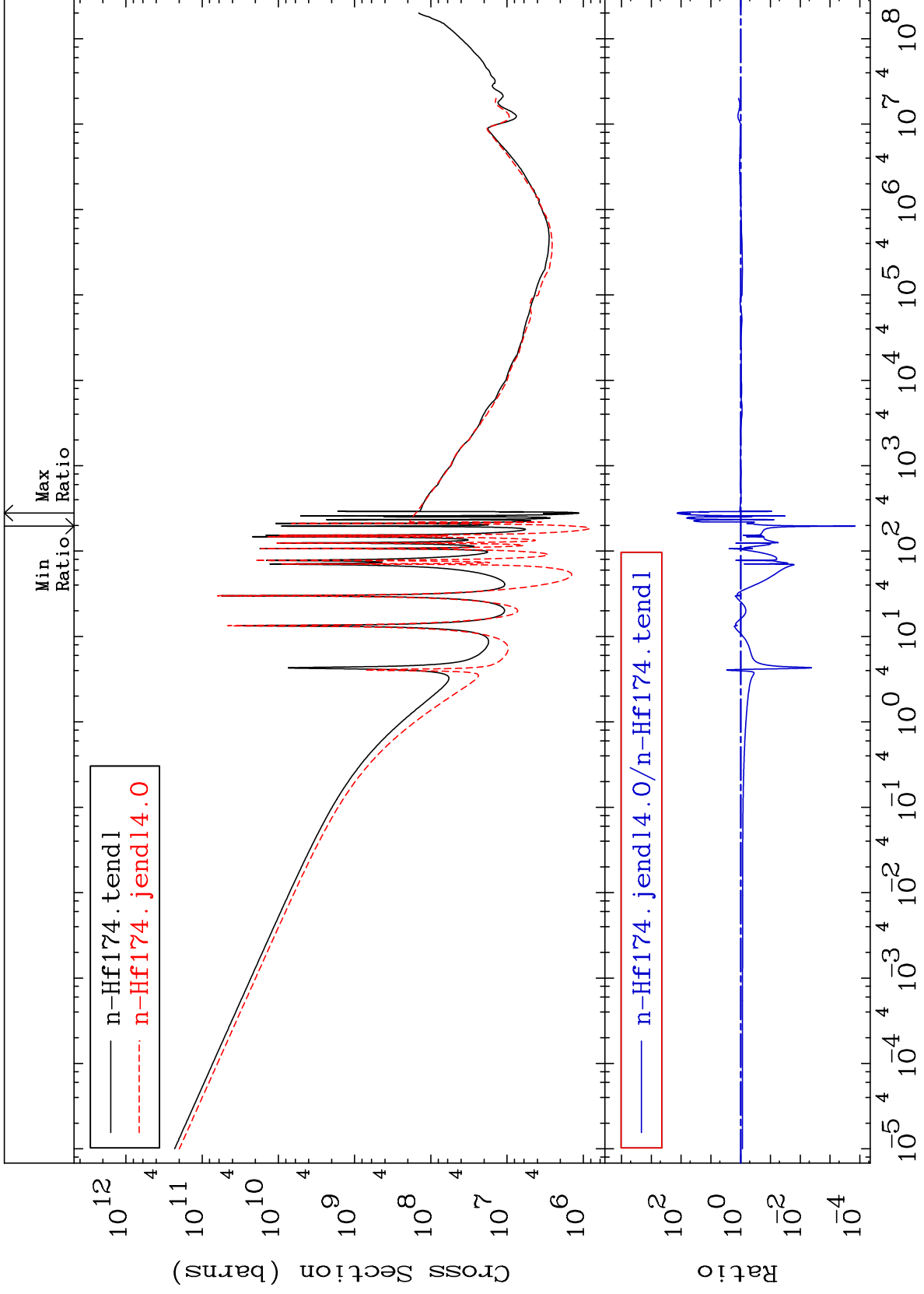


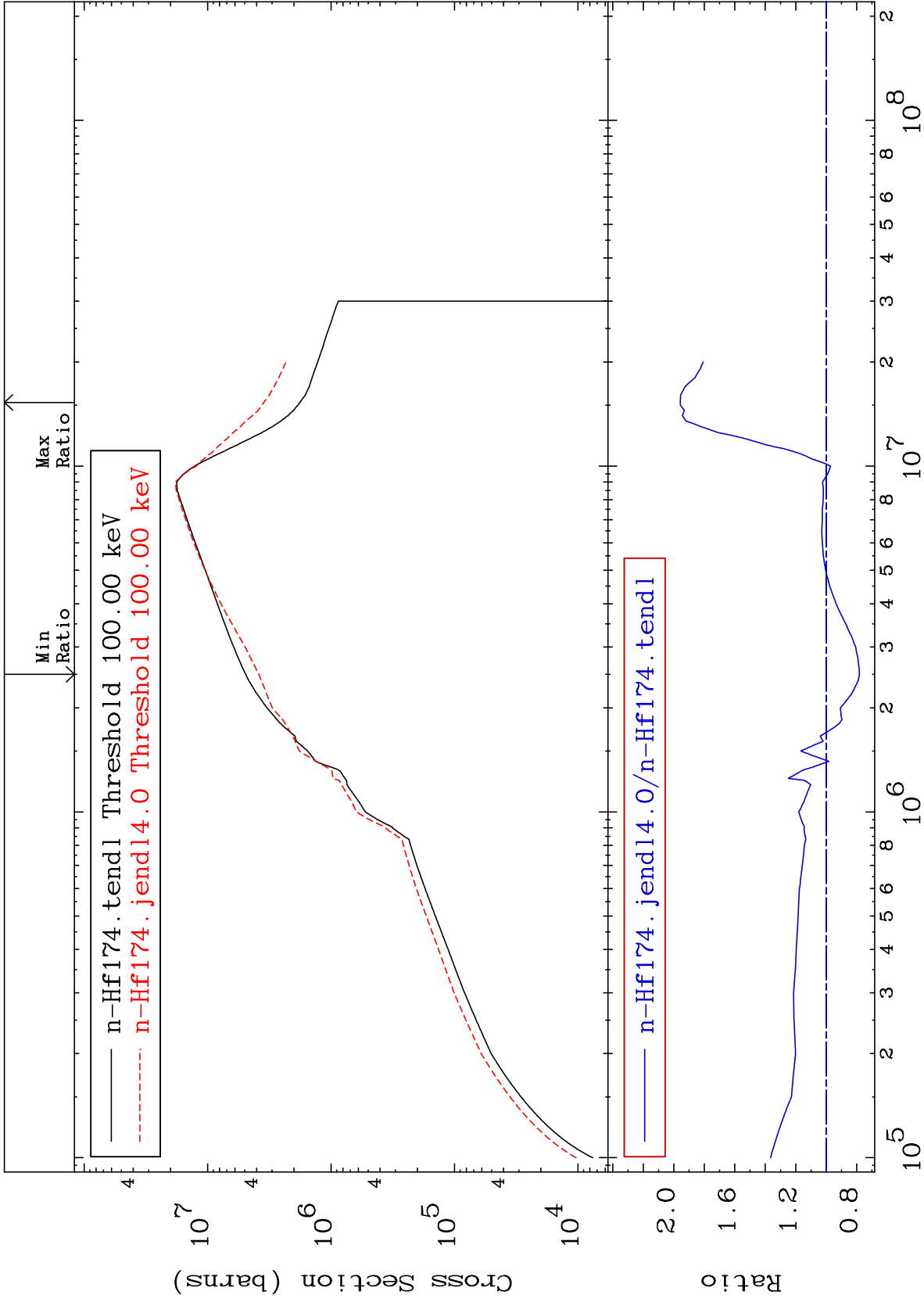
MAT 7225

Kerma elastic
Cross Section

72-Hf-174
-100.0 To 9999. %



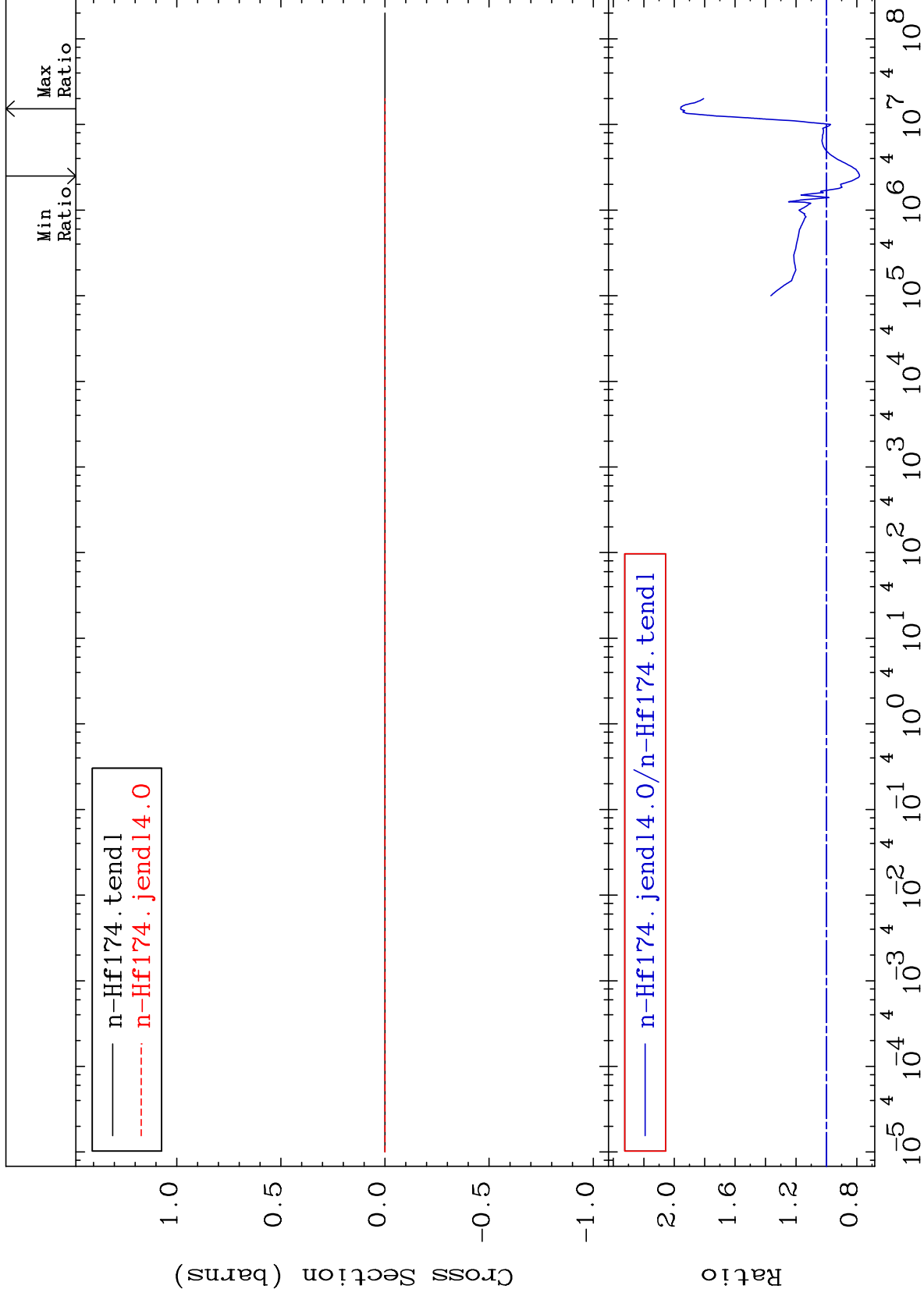


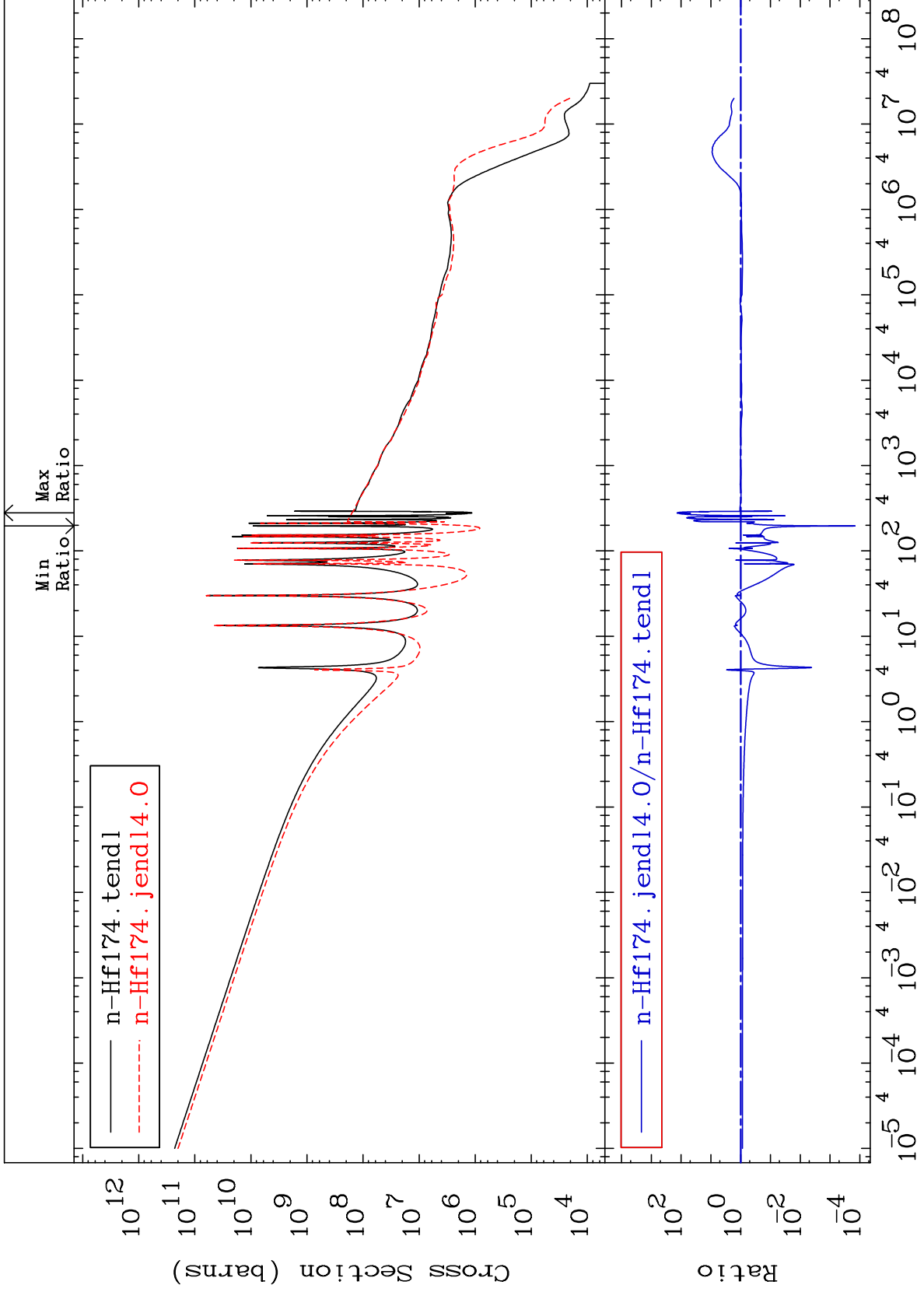


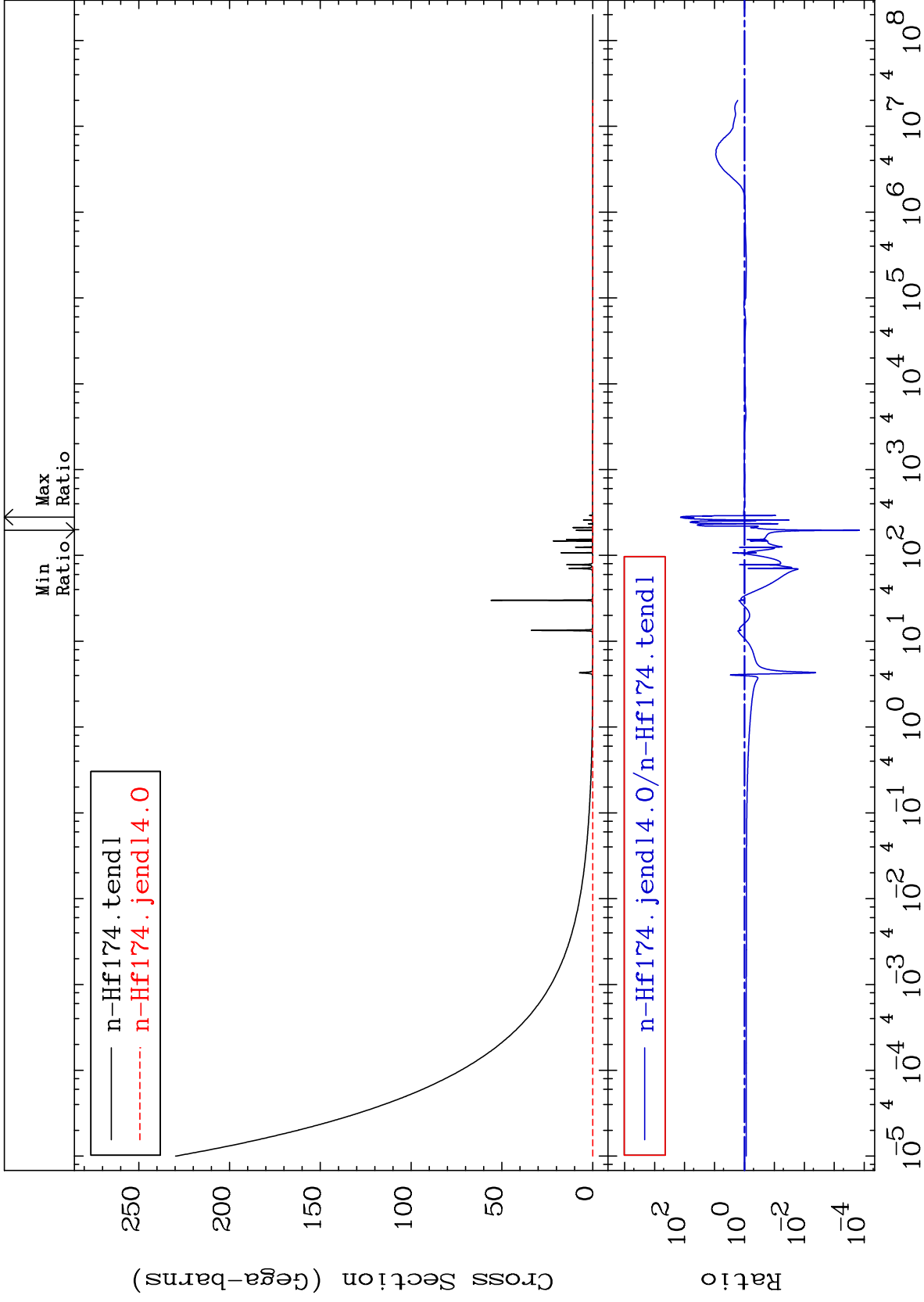
MAT 7225

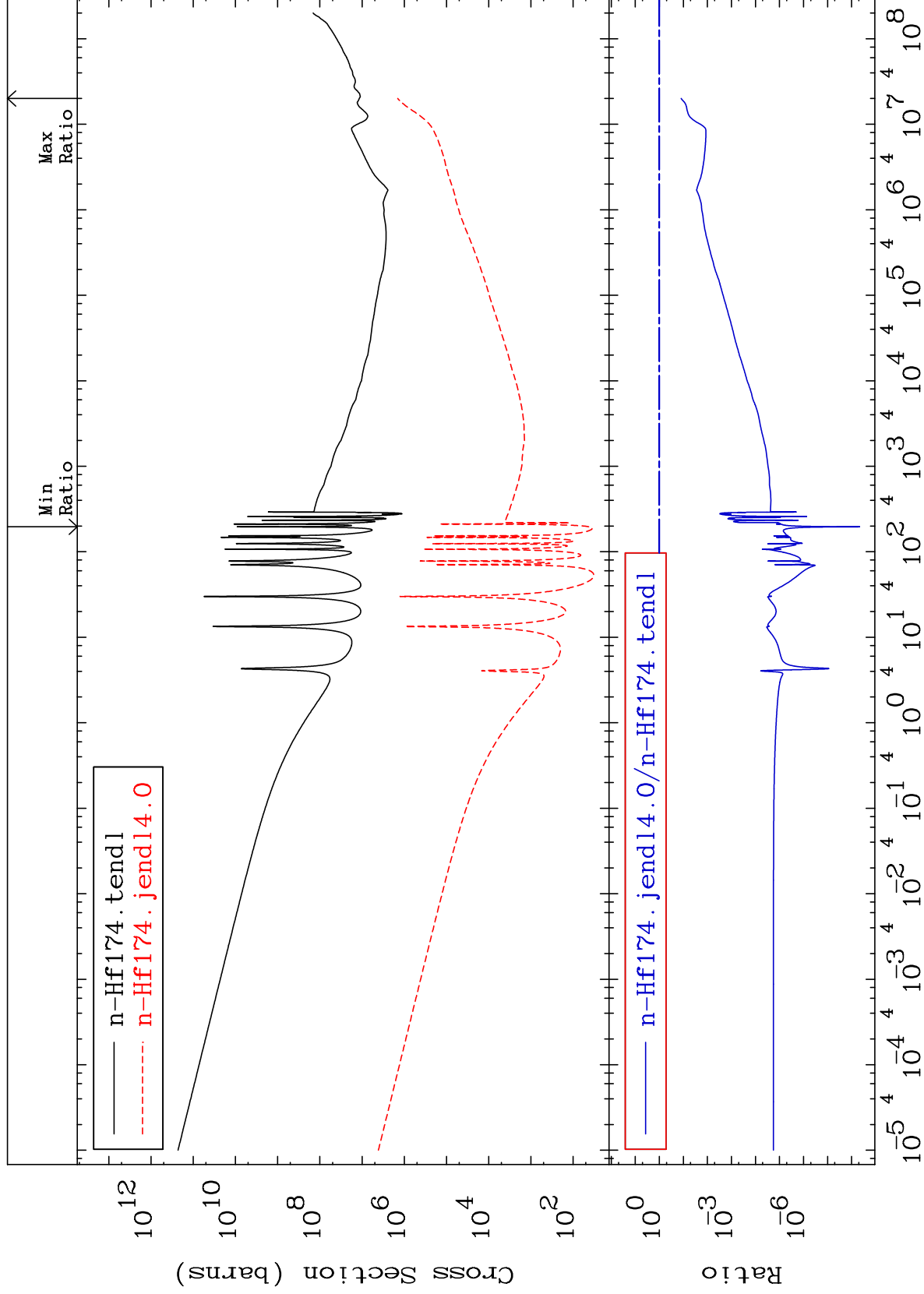
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

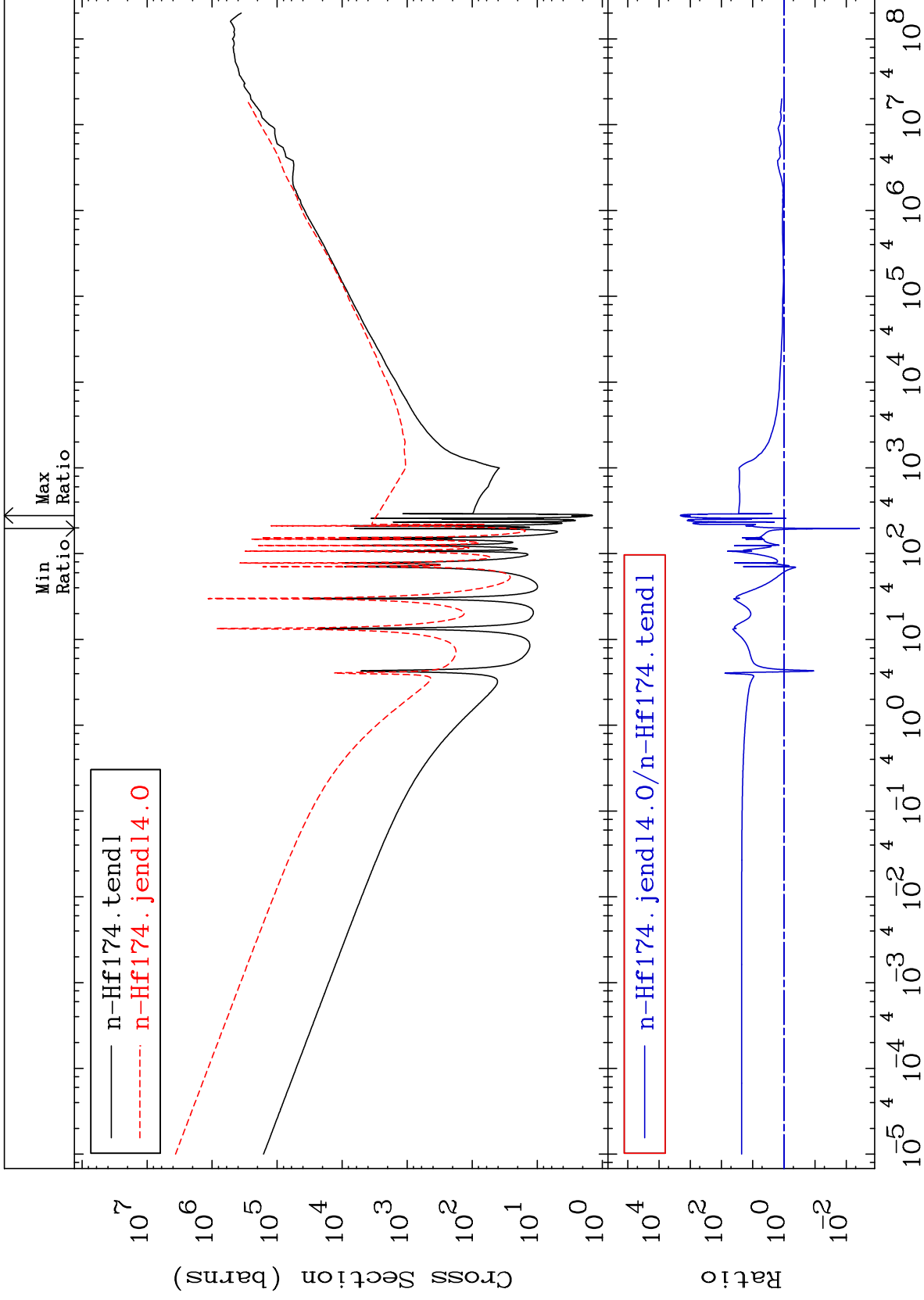
72-Hf-174
-21.77 To 95.70 %

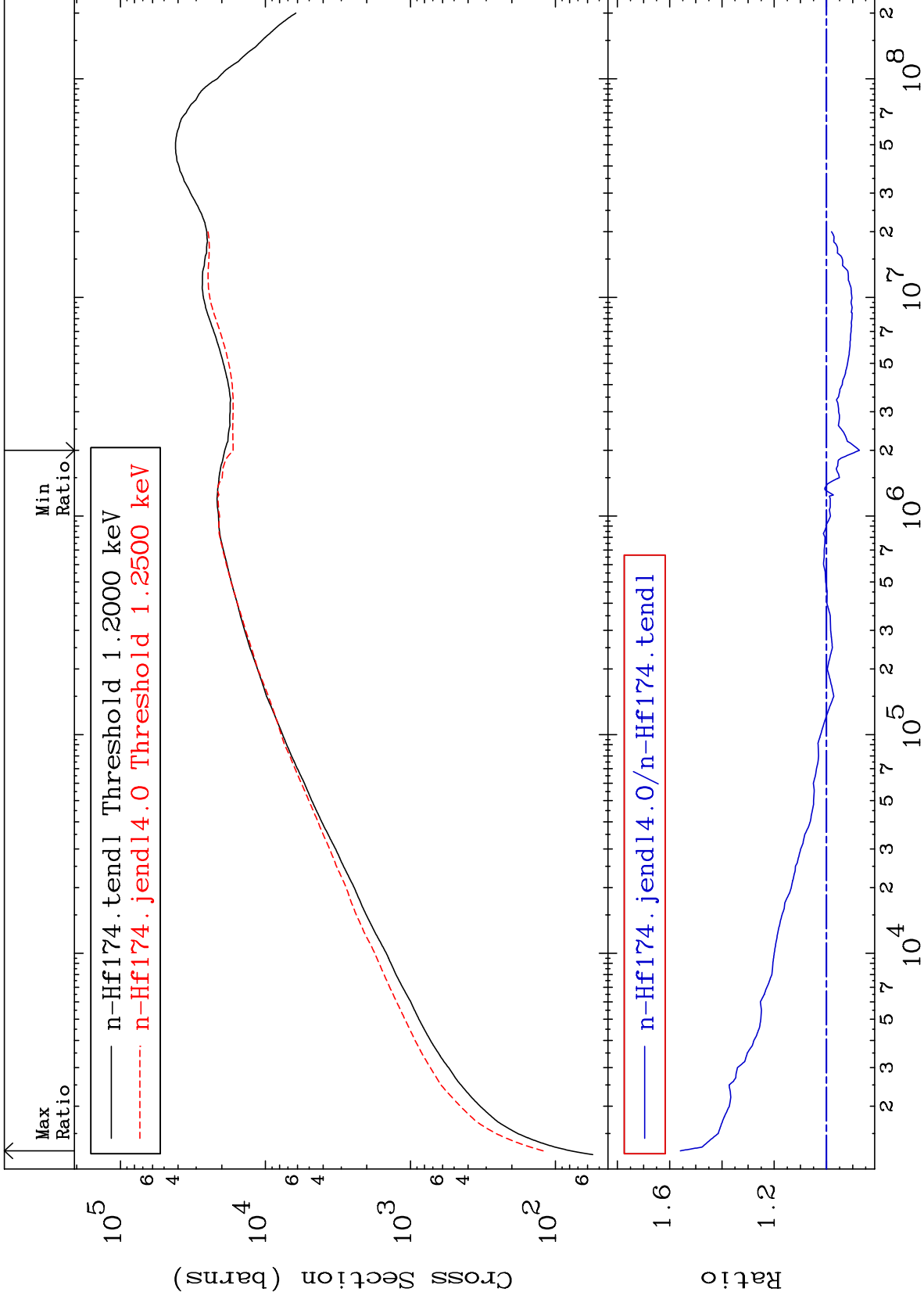








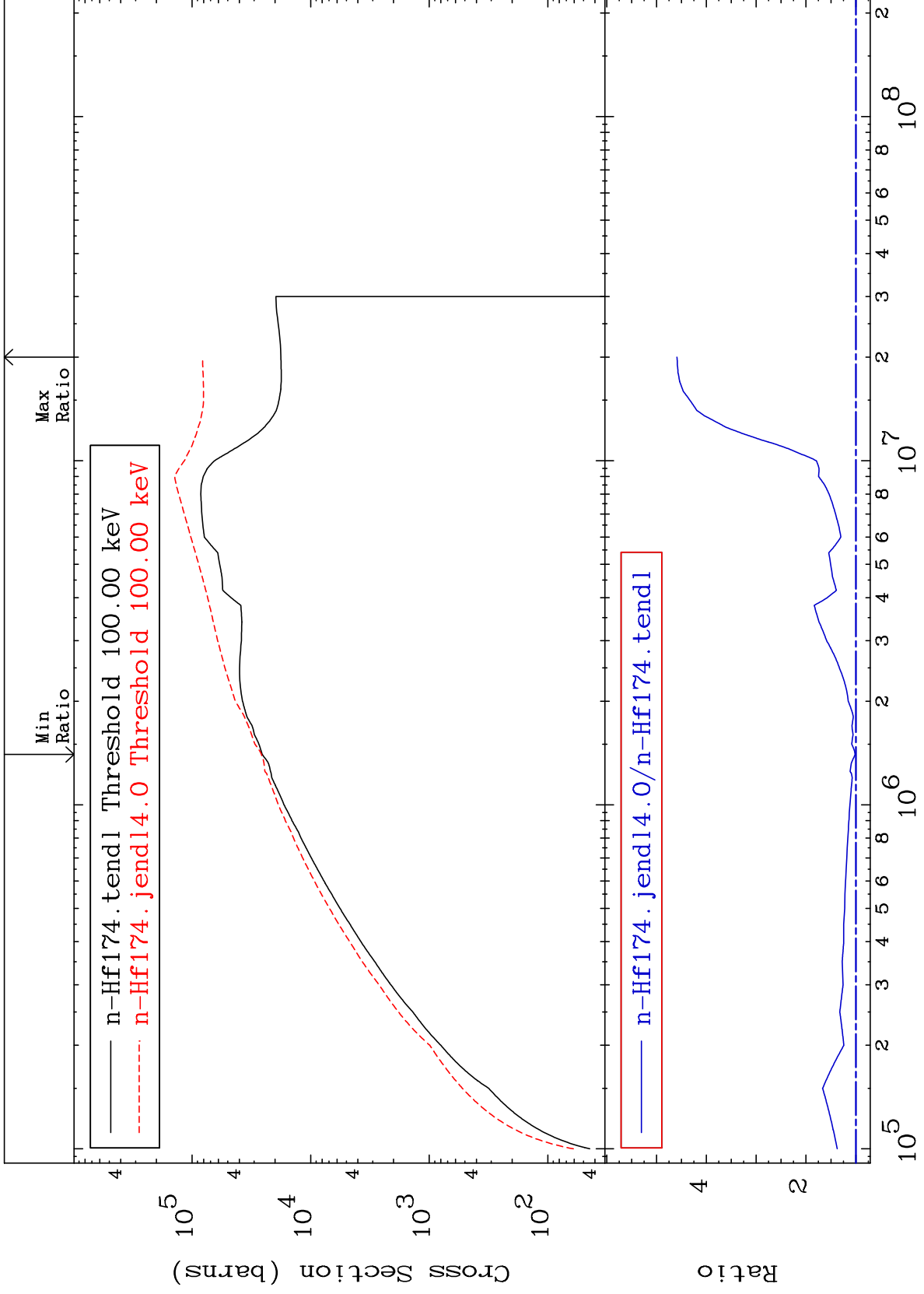




MAT 7225

Dpa inelastic (mt51-91)
Cross Section

72-Hf-174
1.490 To 359.1 %



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Incident Energy (eV)

72-Hf-174

