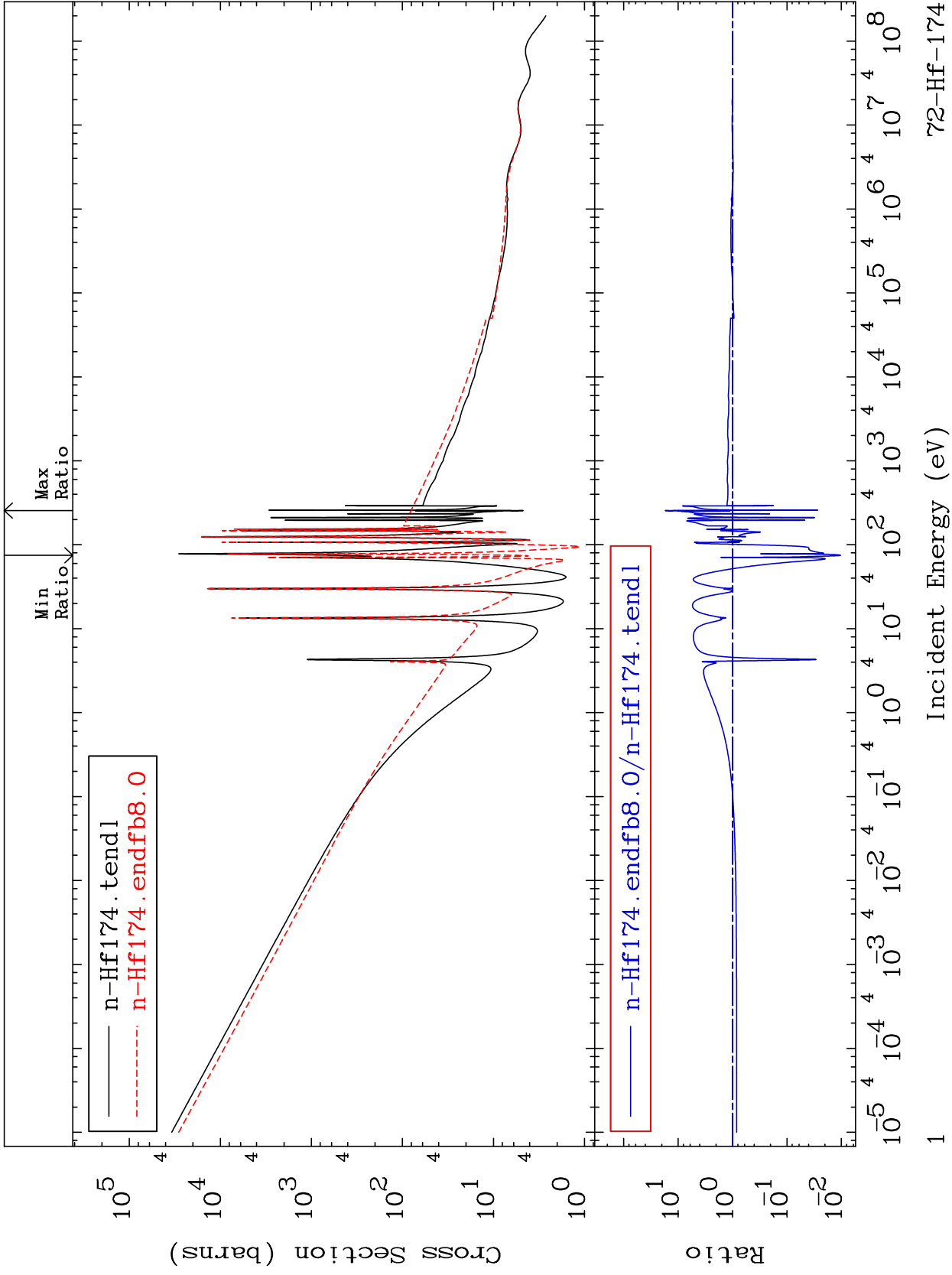


MAT 7225

Total Cross Section
72-Hf-174
-98.97 To 1603. %



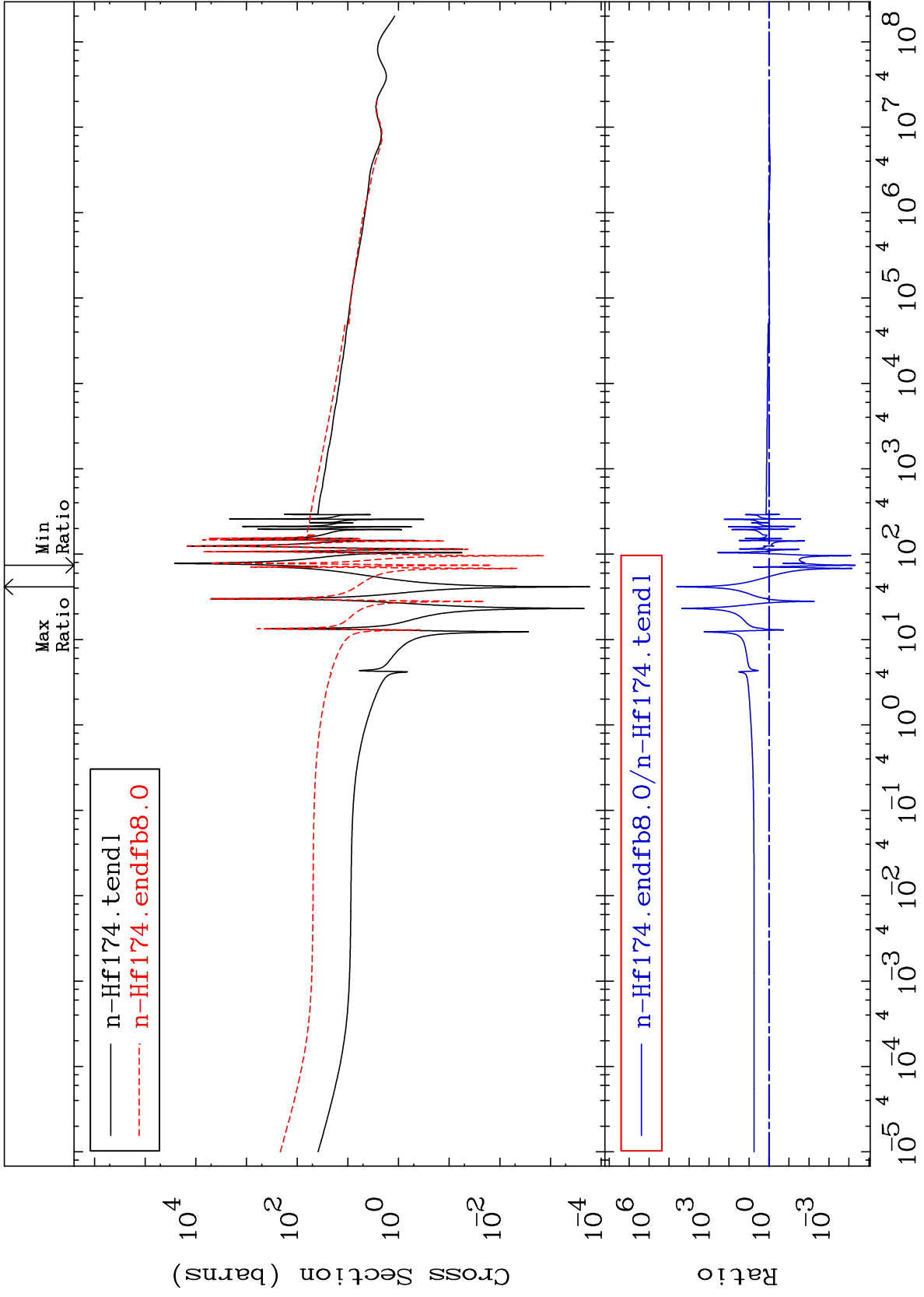
72-Hf-174

Incident Energy (eV)

MAT 7225

Elastic
Cross Section

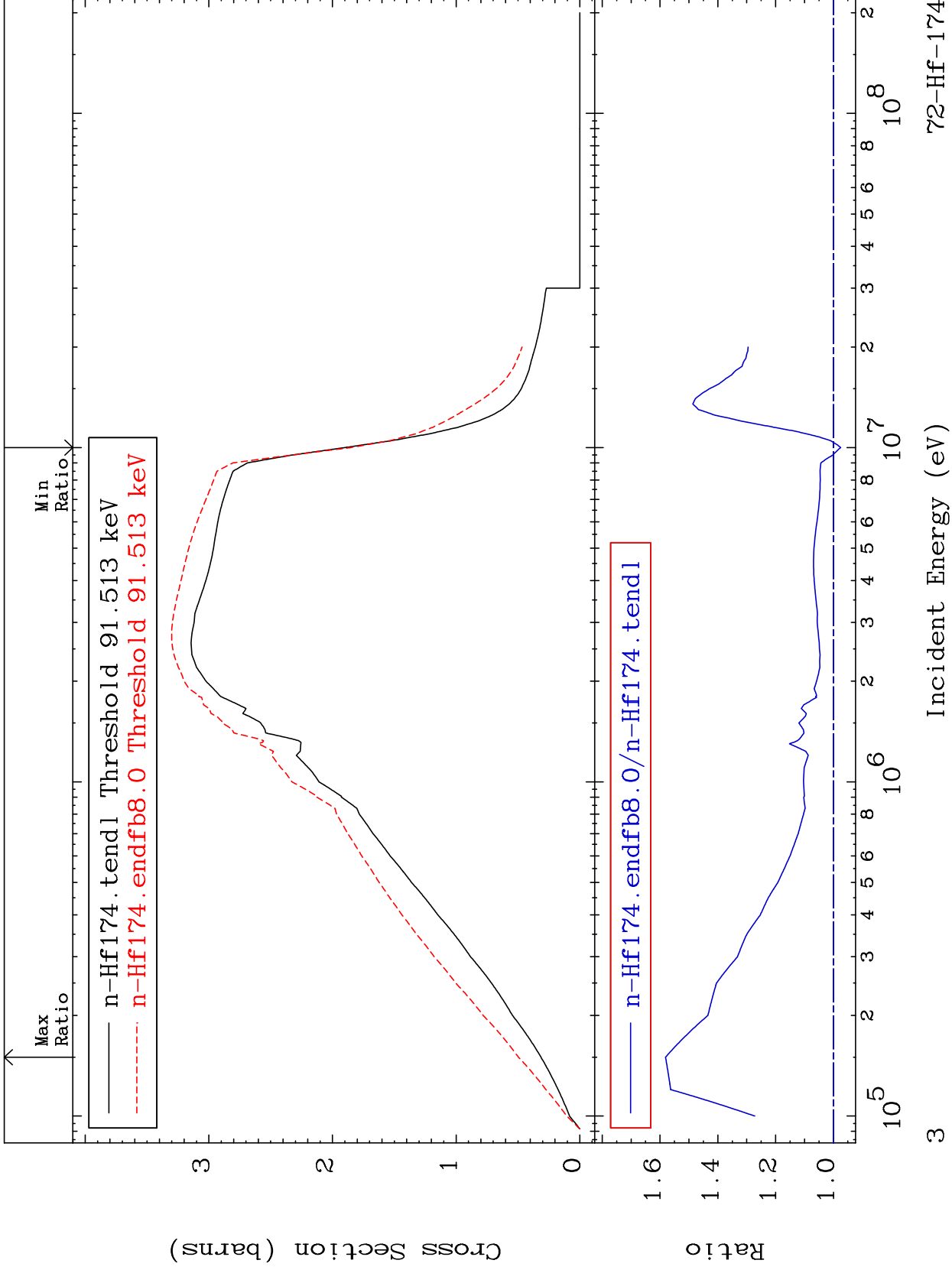
72-Hf-174
-100.0 To 9999. %



MAT 7225

Inelastic
Cross Section

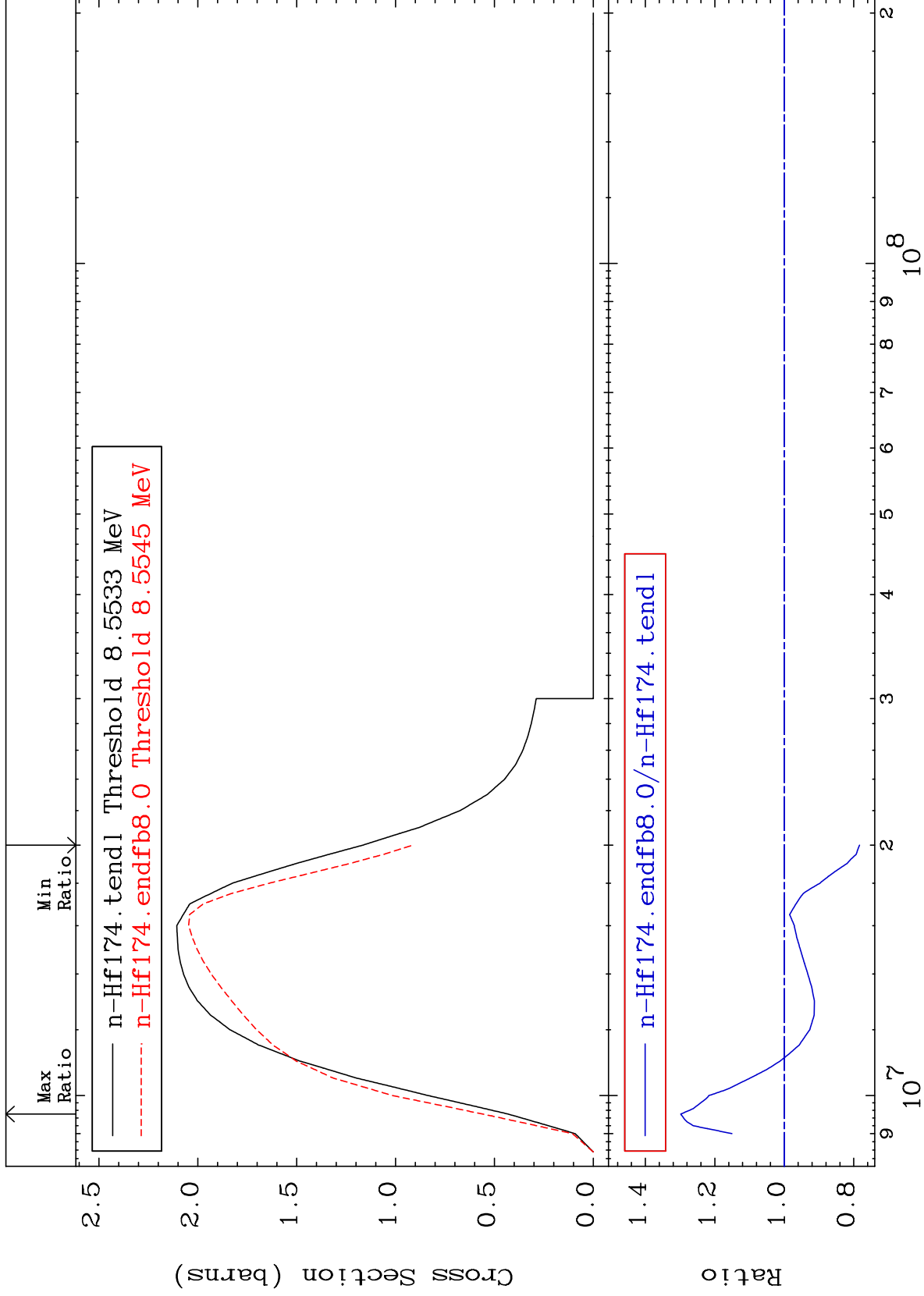
72-Hf-174
-2.500 To 58.10 %



MAT 7225

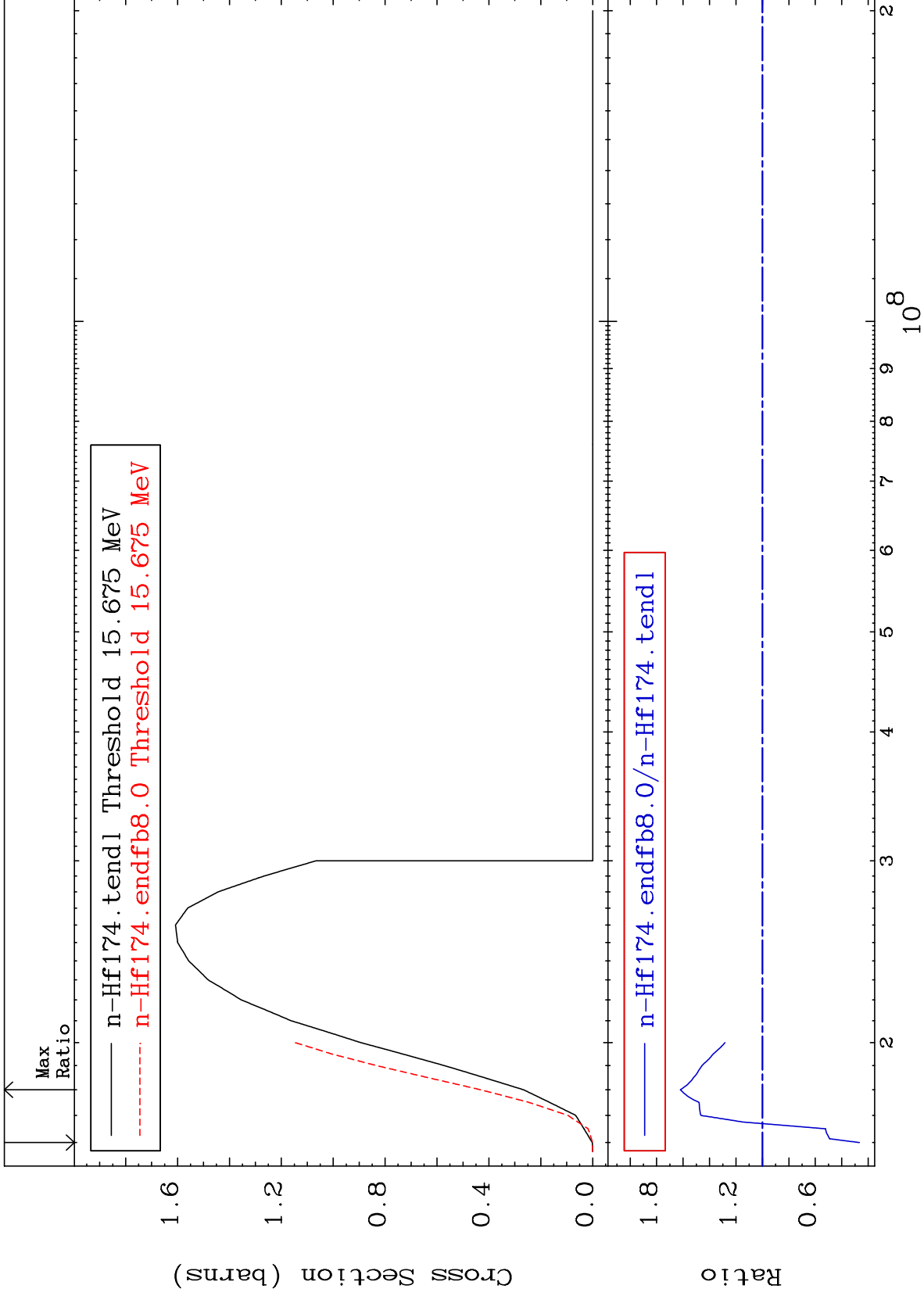
(n,2n)
Cross Section

72-Hf-174
-21.66 To 29.81 %



72-Hf-174

4



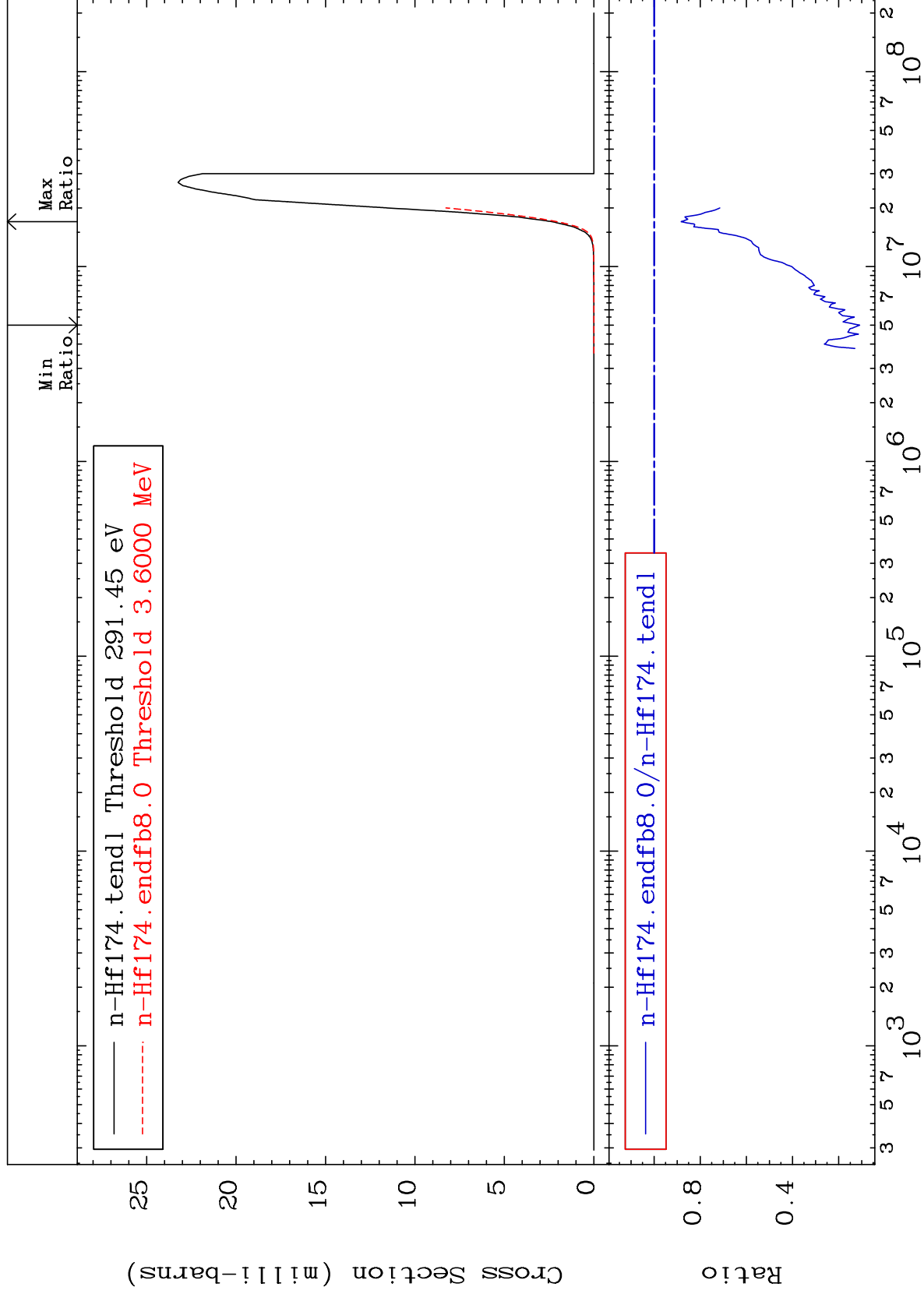
MAT 7225

(n, n') α

Cross Section

⁷²Hf-174

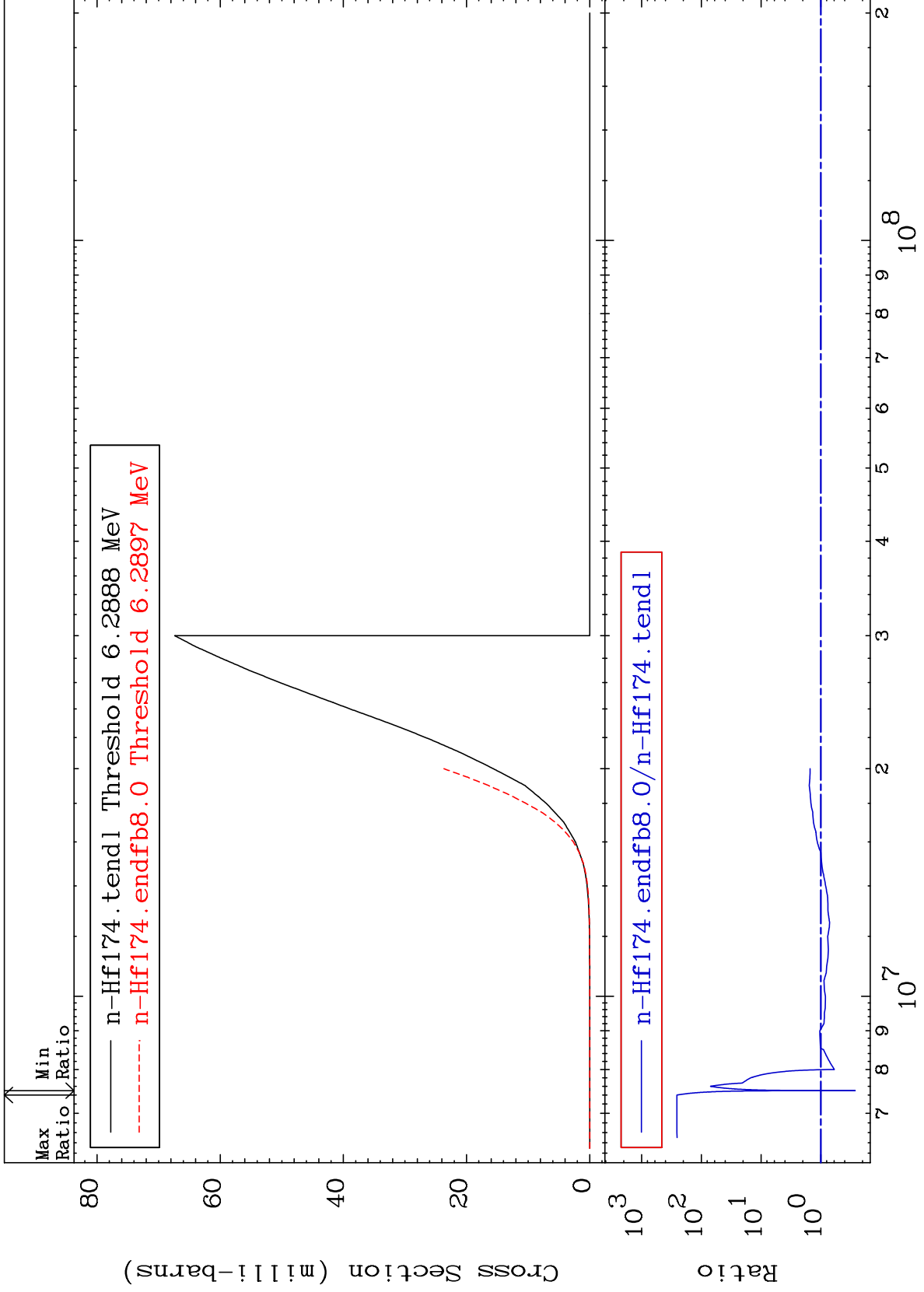
-89.10 To -11.74%



MAT 7225

(n,n') p
Cross Section

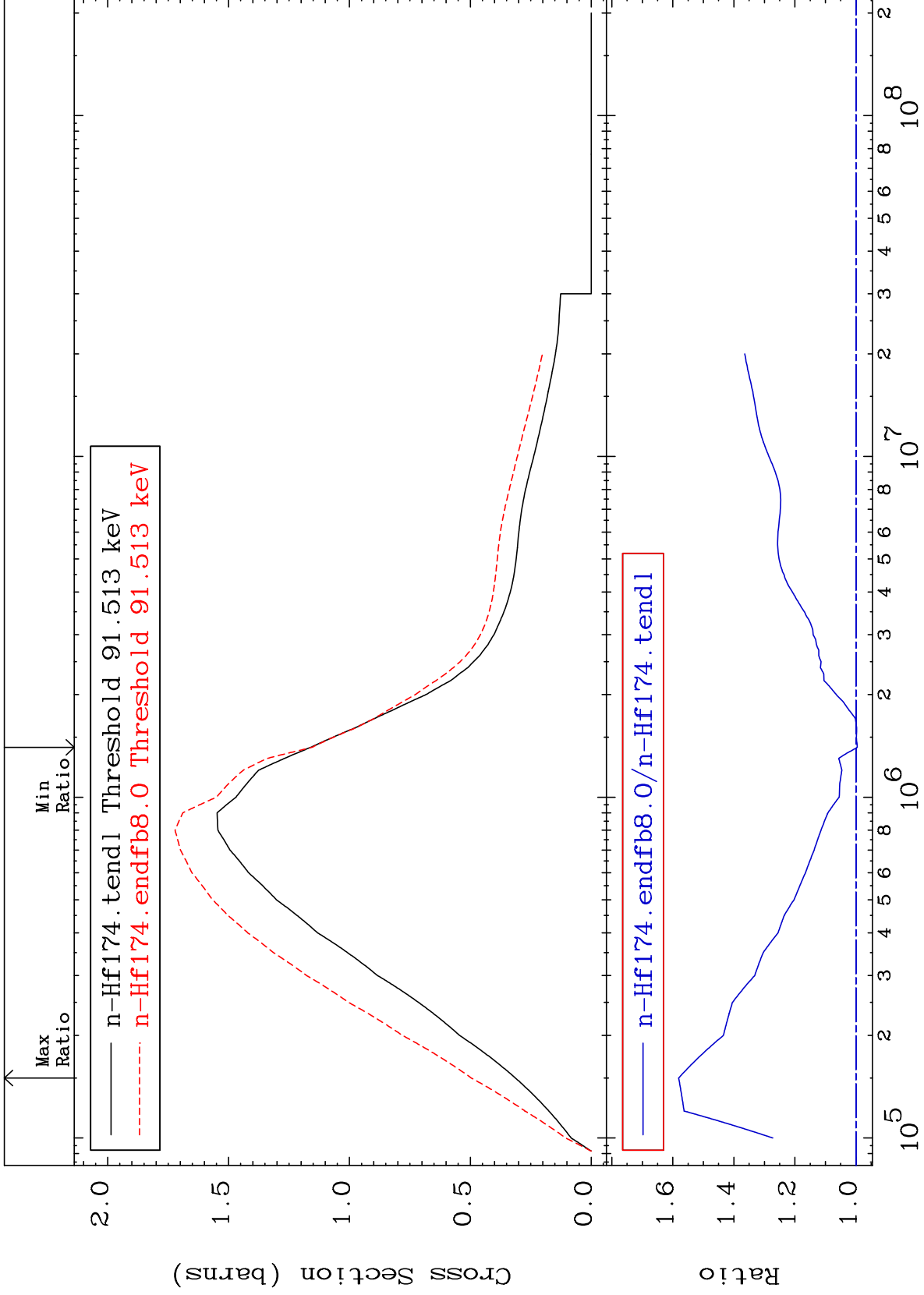
72-Hf-174
-73.29 To 9999. %



MAT 7225

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

72-Hf-174
-0.431 To 58.10 %



8

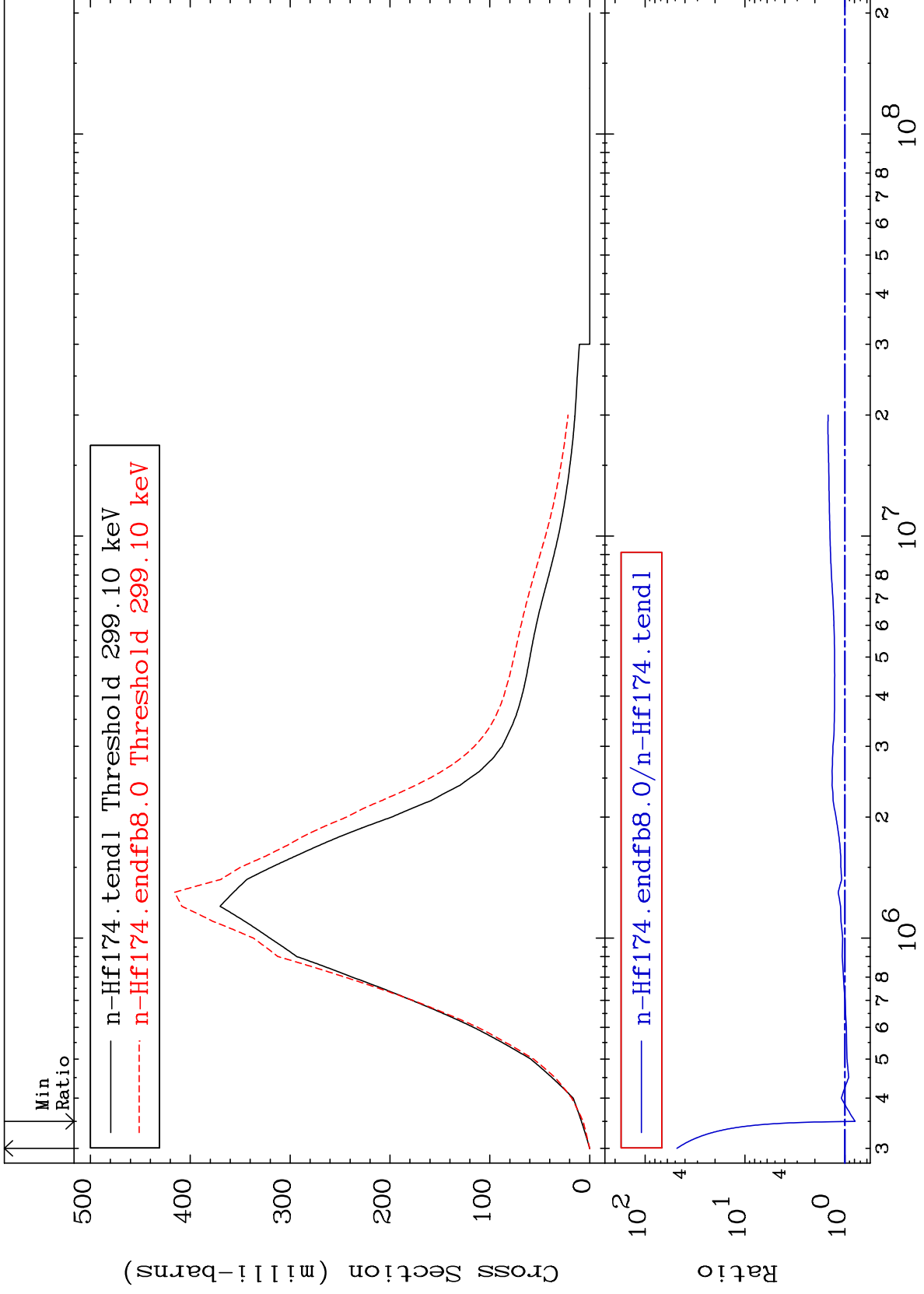
Incident Energy (eV)

72-Hf-174

MAT 7225

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

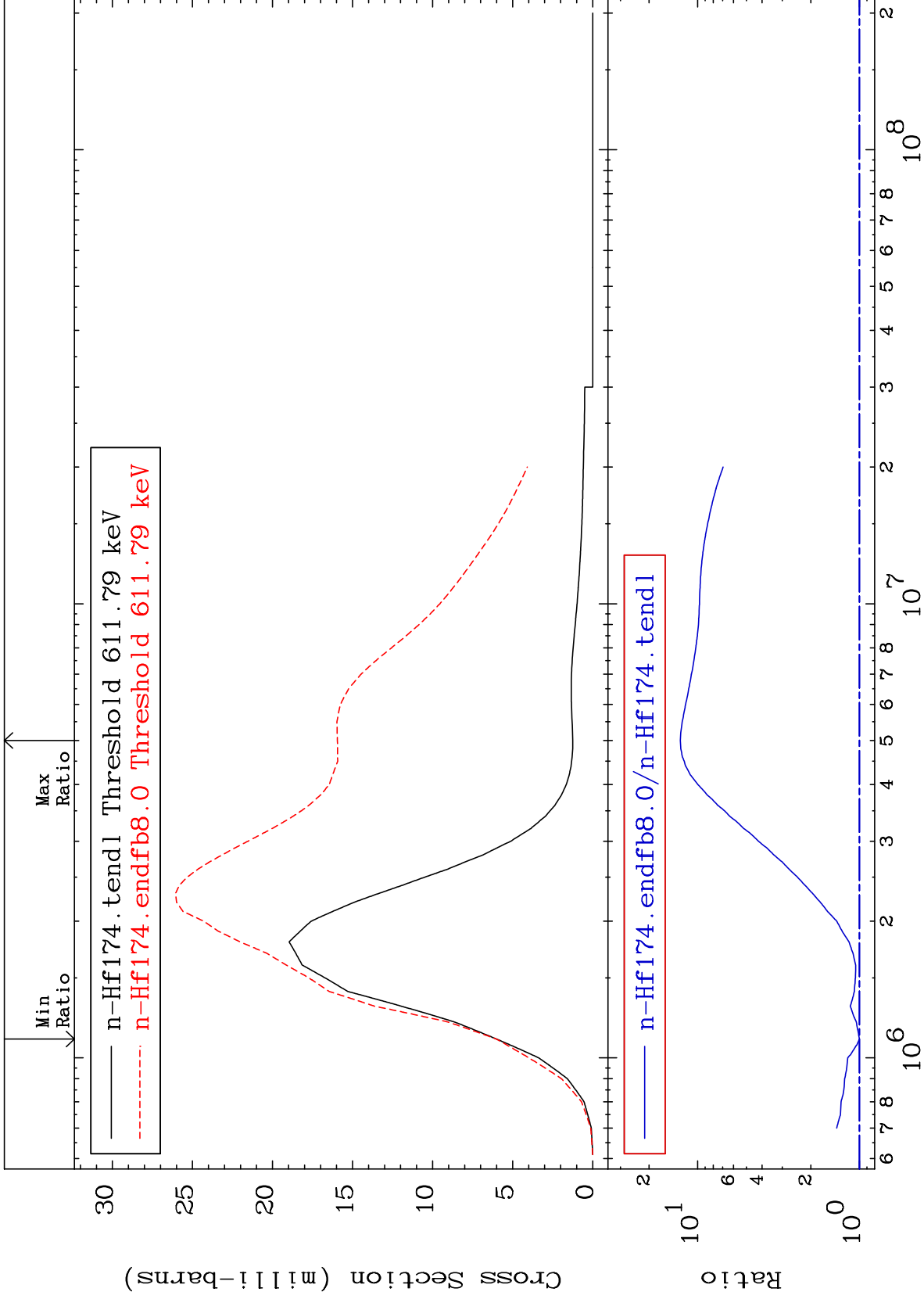
72-Hf-174
-21.06 To 4711. %



MAT 7225

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

72-Hf-174
0.108 To 1179. %



10

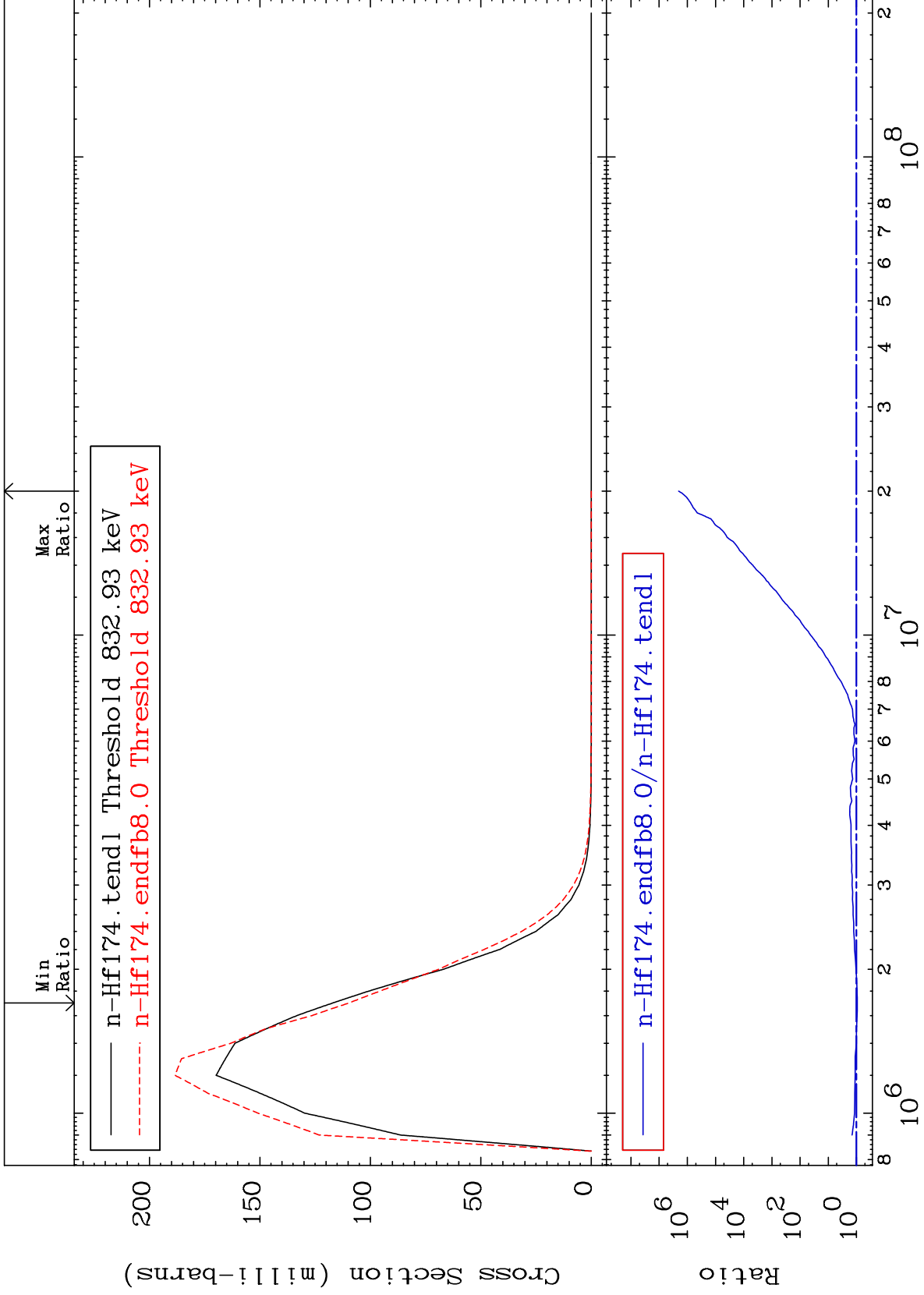
Incident Energy (eV)

72-Hf-174

MAT 7225

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

72-Hf-174
-6.240 To 9999. %



11

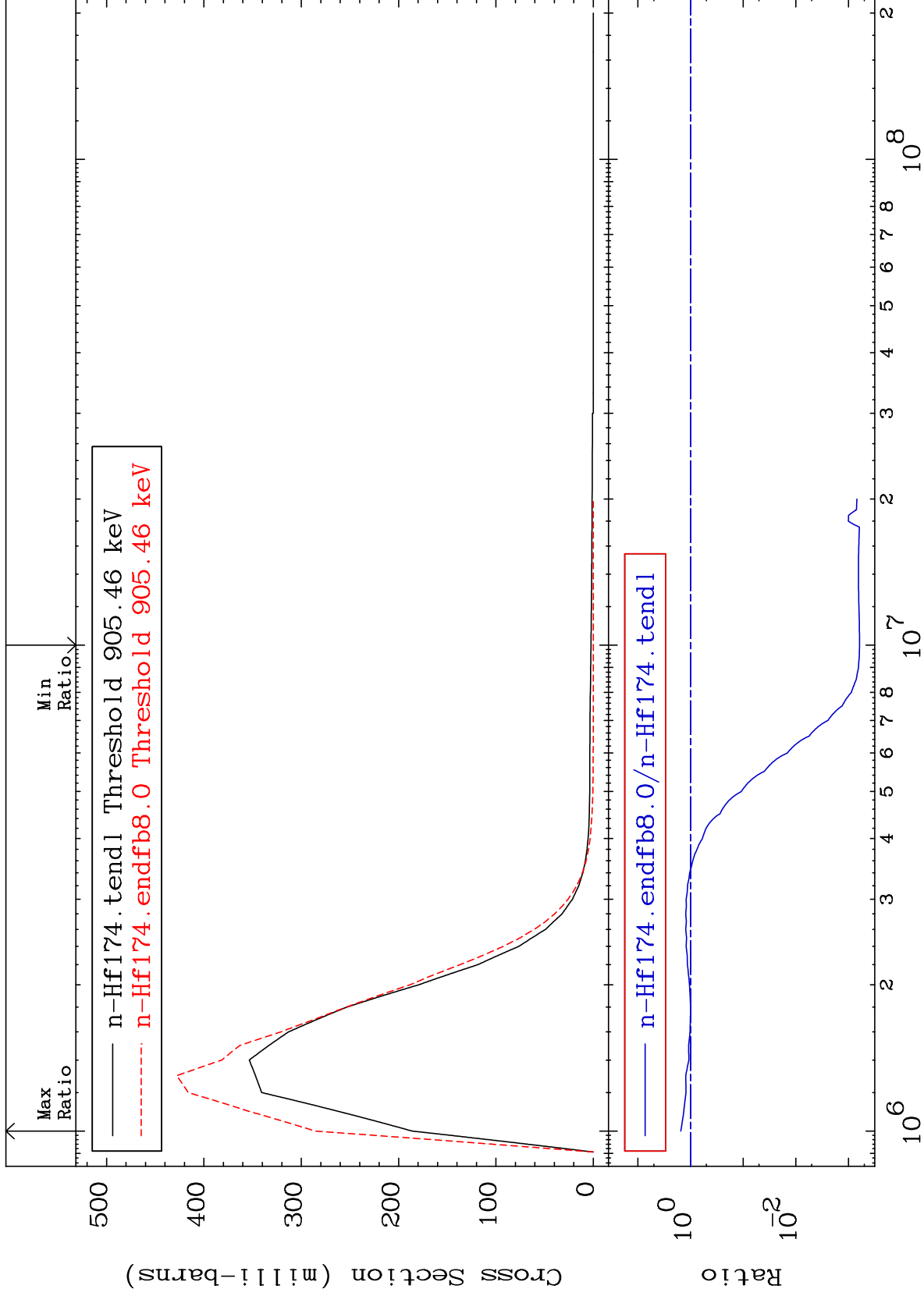
Incident Energy (eV)

72-Hf-174

MAT 7225

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

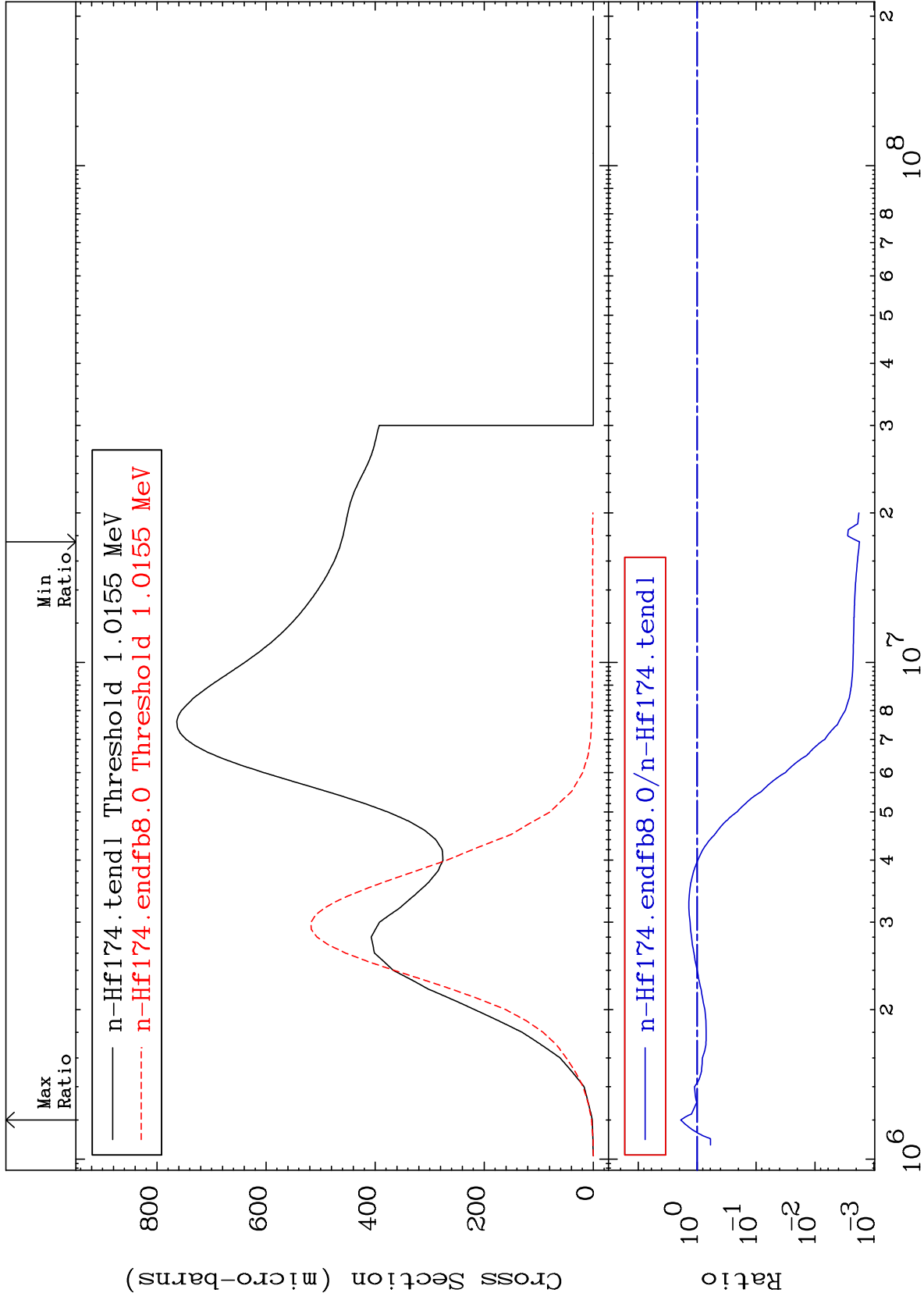
72-Hf-174
-99.94 To 53.57 %



MAT 7225

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

72-Hf-174
-99.82 To 89.63 %



13

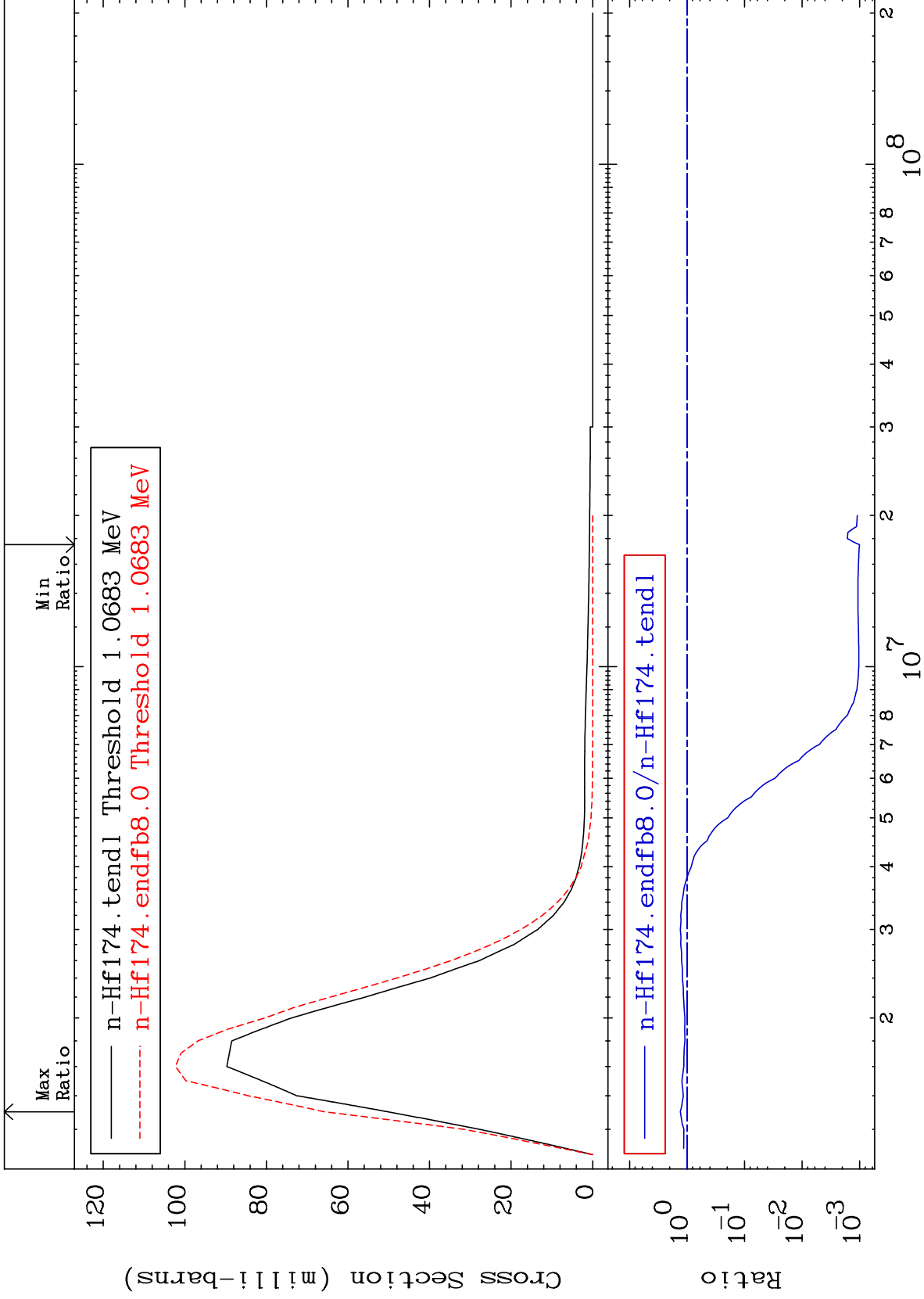
Incident Energy (eV)

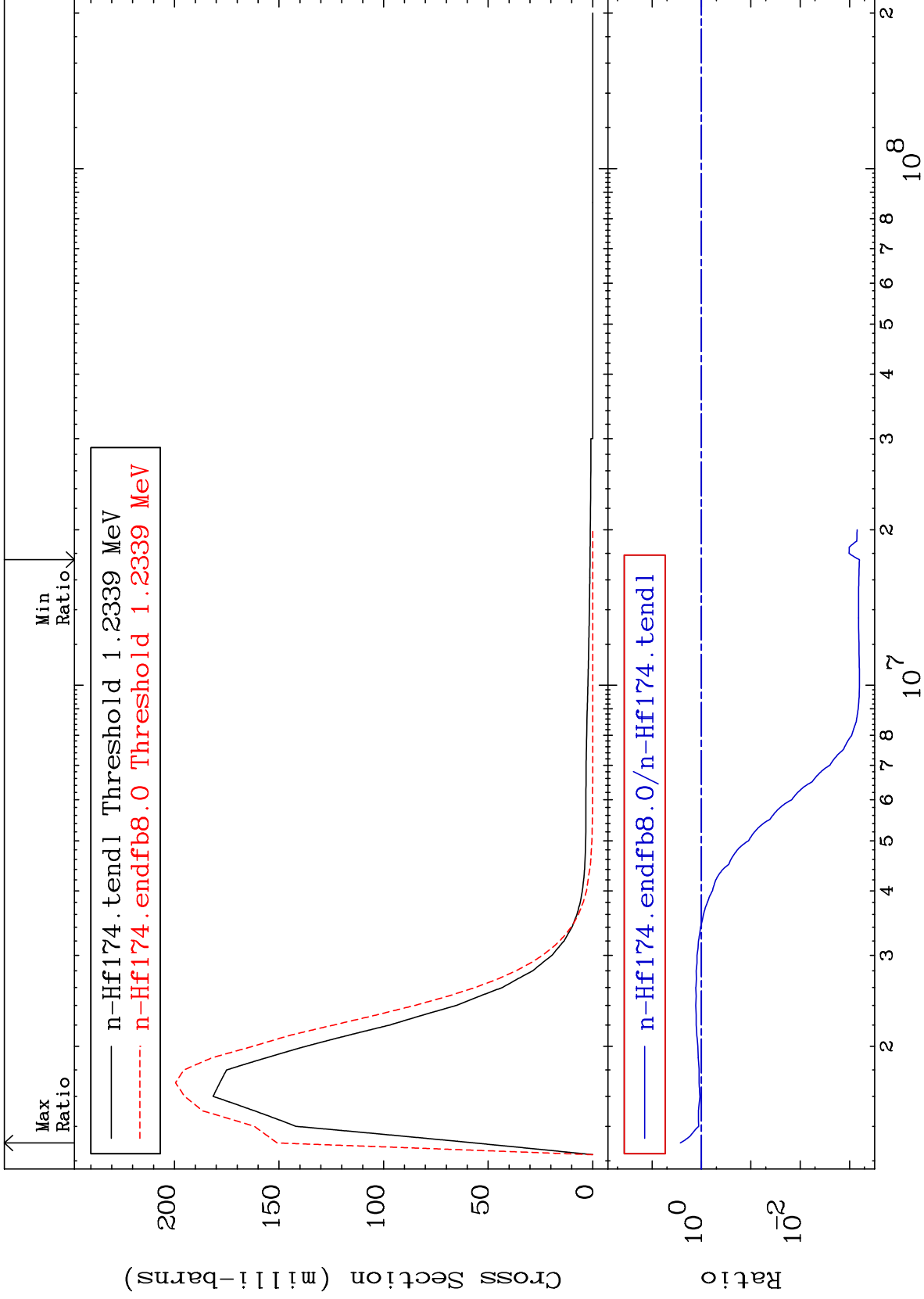
72-Hf-174

MAT 7225

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

72-Hf-174
-99.90 To 30.93 %

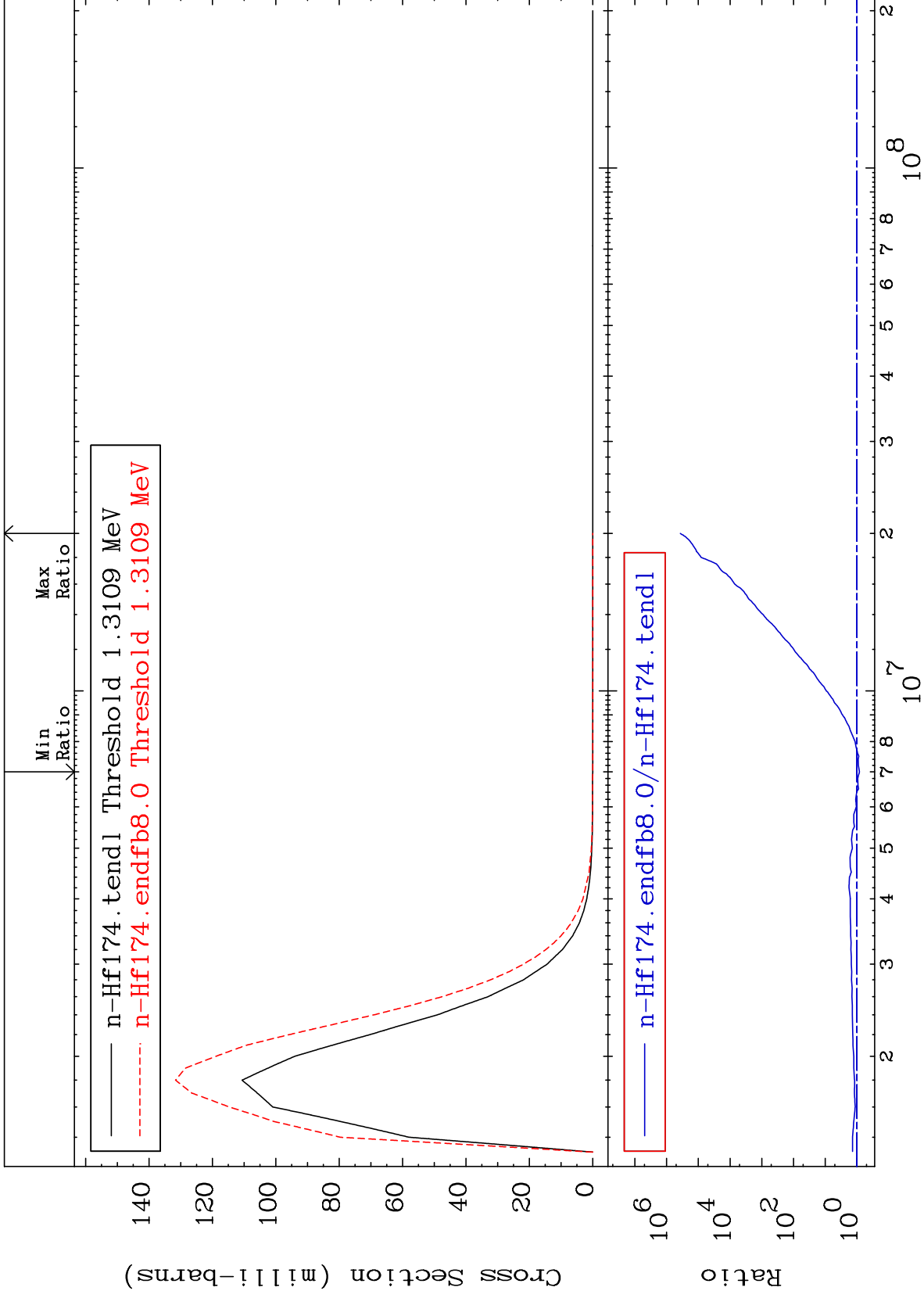




MAT 7225

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

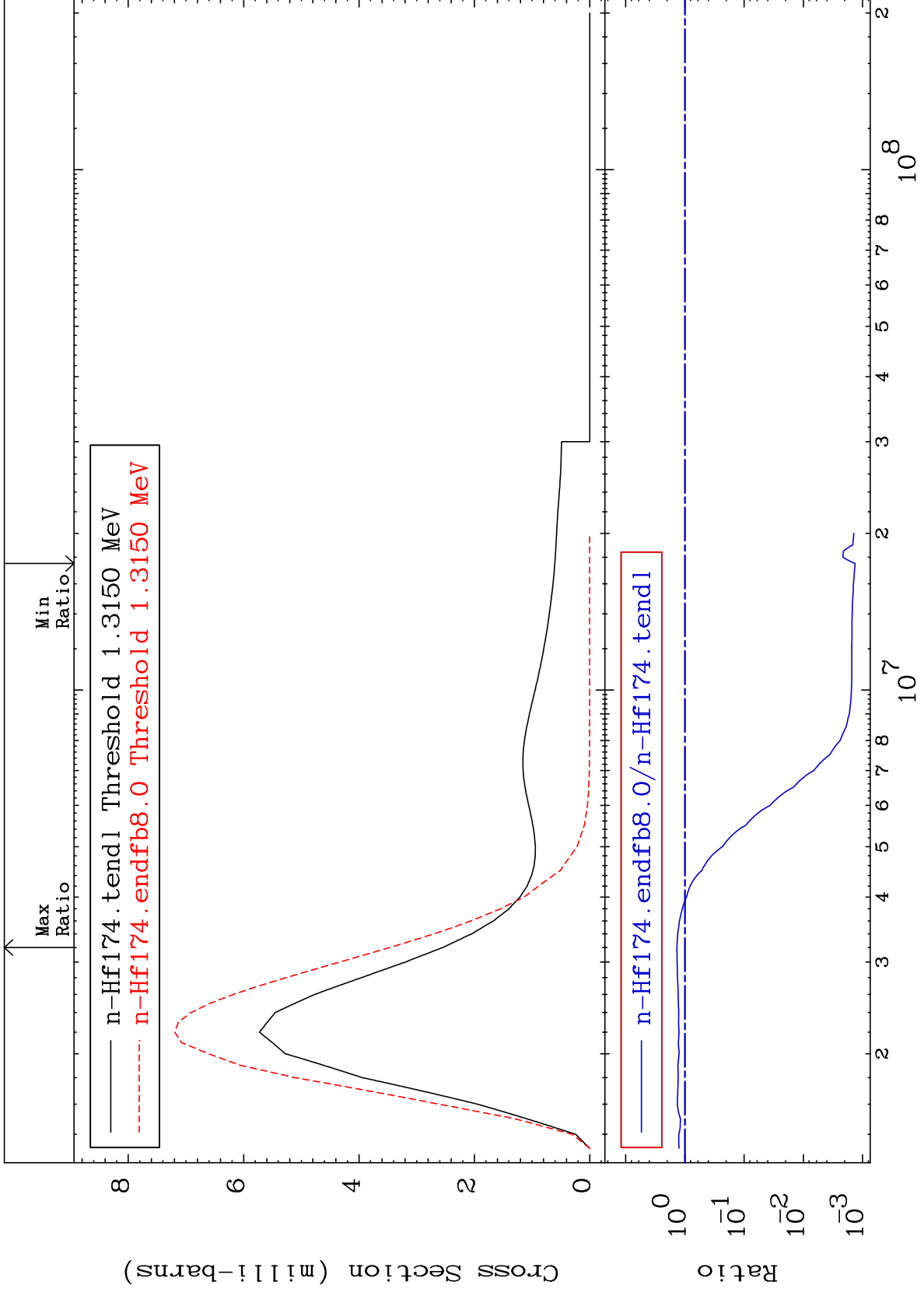
72-Hf-174
-16.45 To 9999. %



MAT 7225

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

72-Hf-174
-99.87 To 36.16 %



17

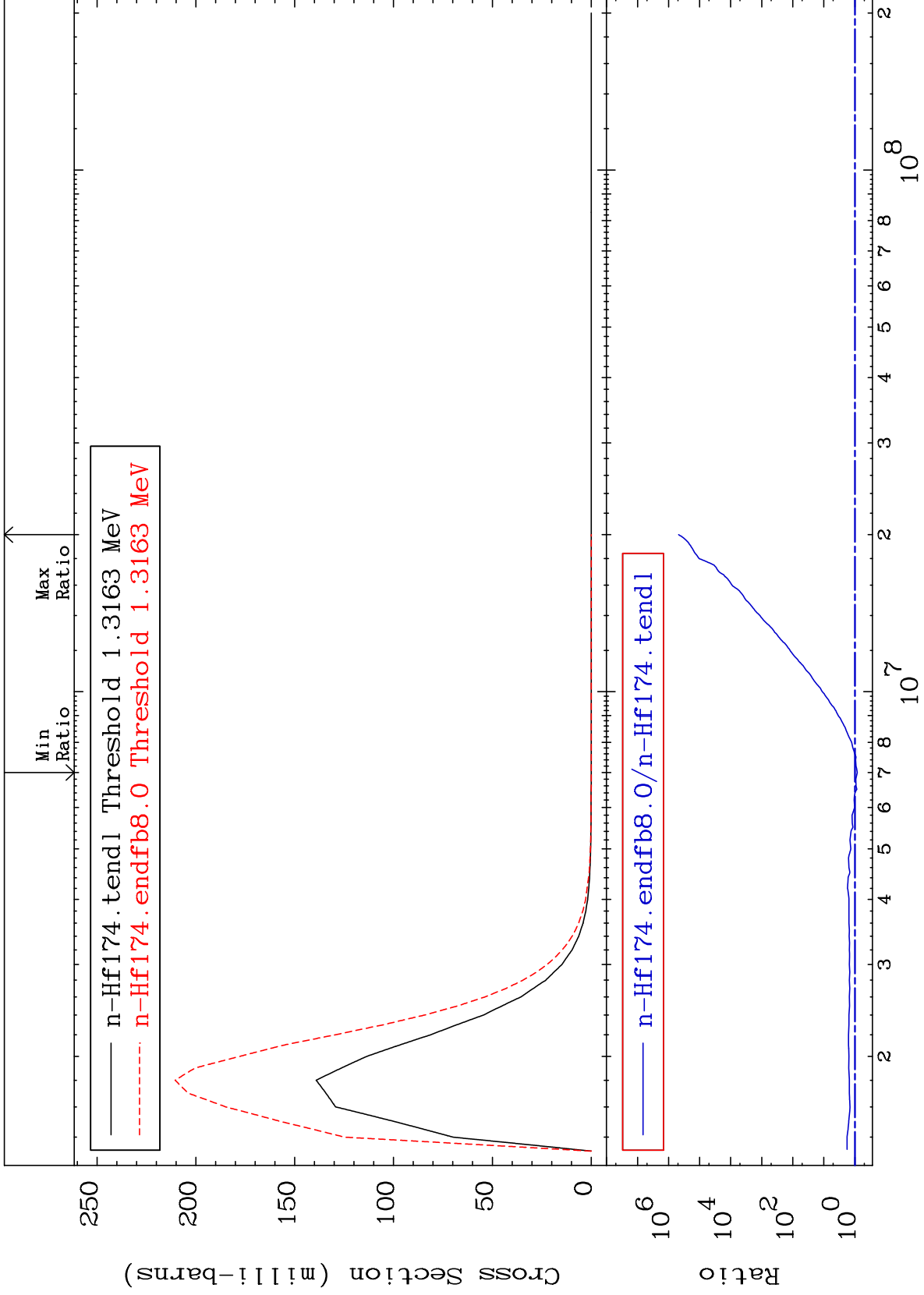
Incident Energy (eV)

72-Hf-174

MAT 7225

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

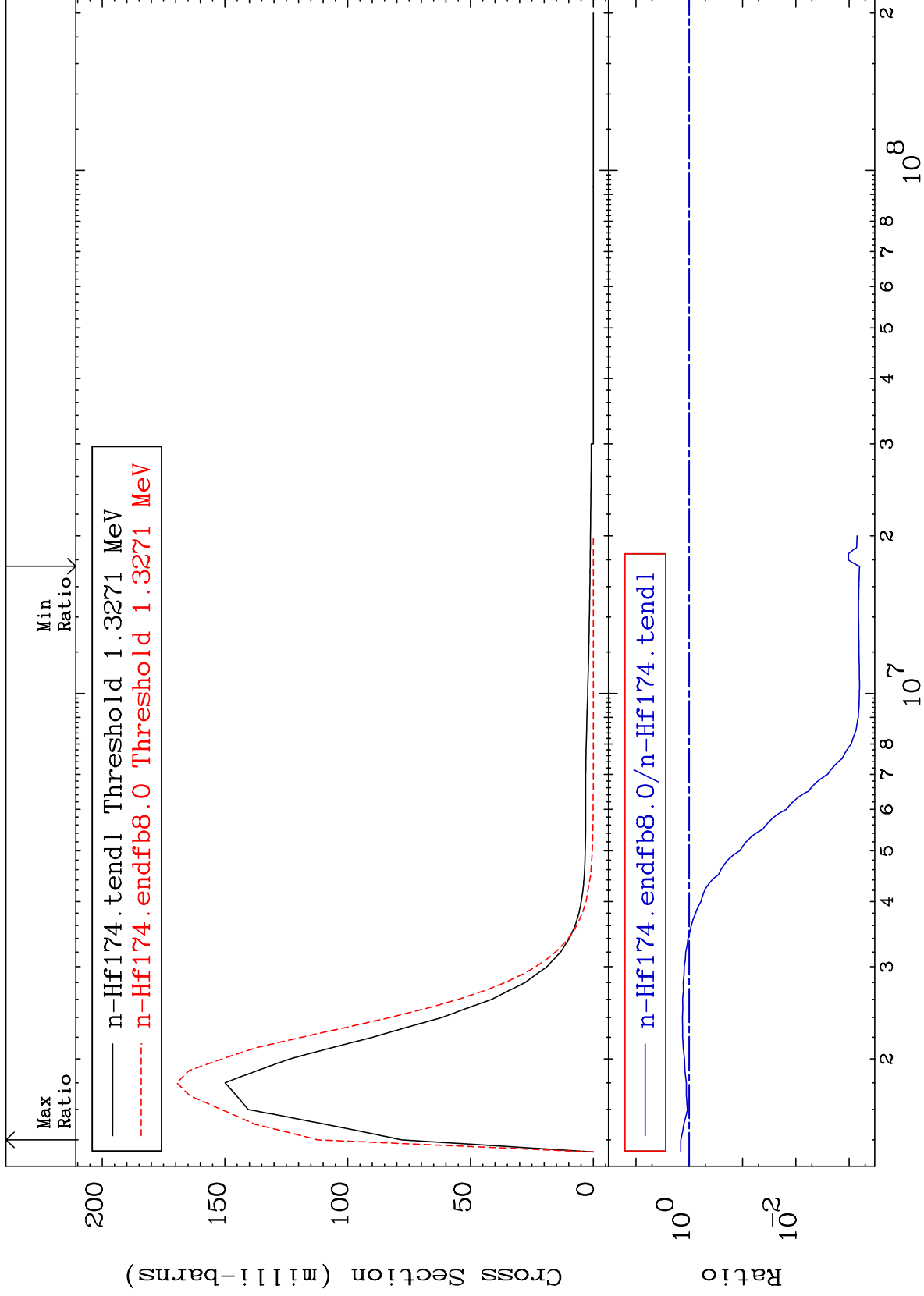
72-Hf-174
-16.12 To 9999. %



MAT 7225

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

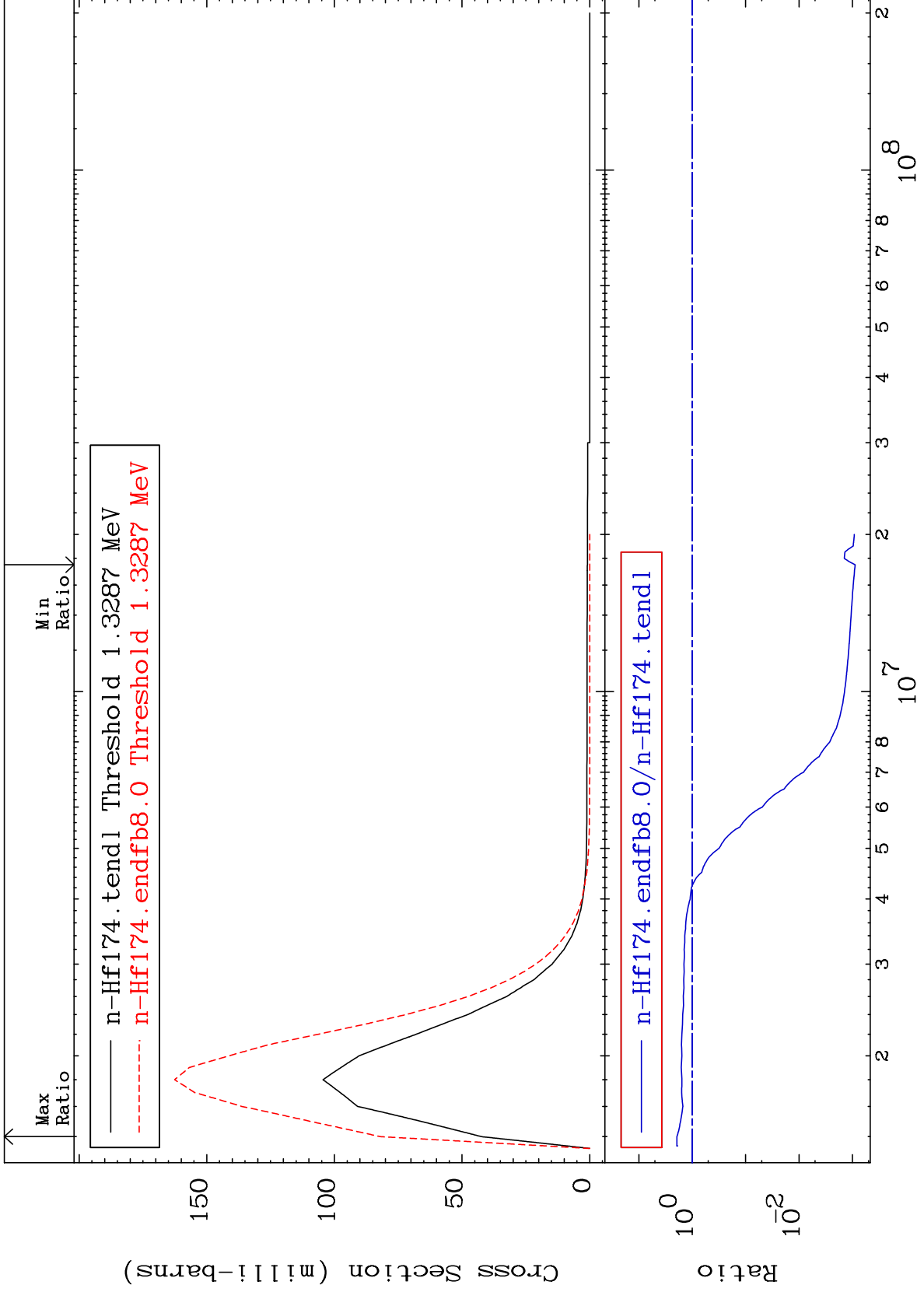
72-Hf-174
-99.94 To 43.84 %



MAT 7225

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

72-Hf-174
-99.91 To 93.31 %



20

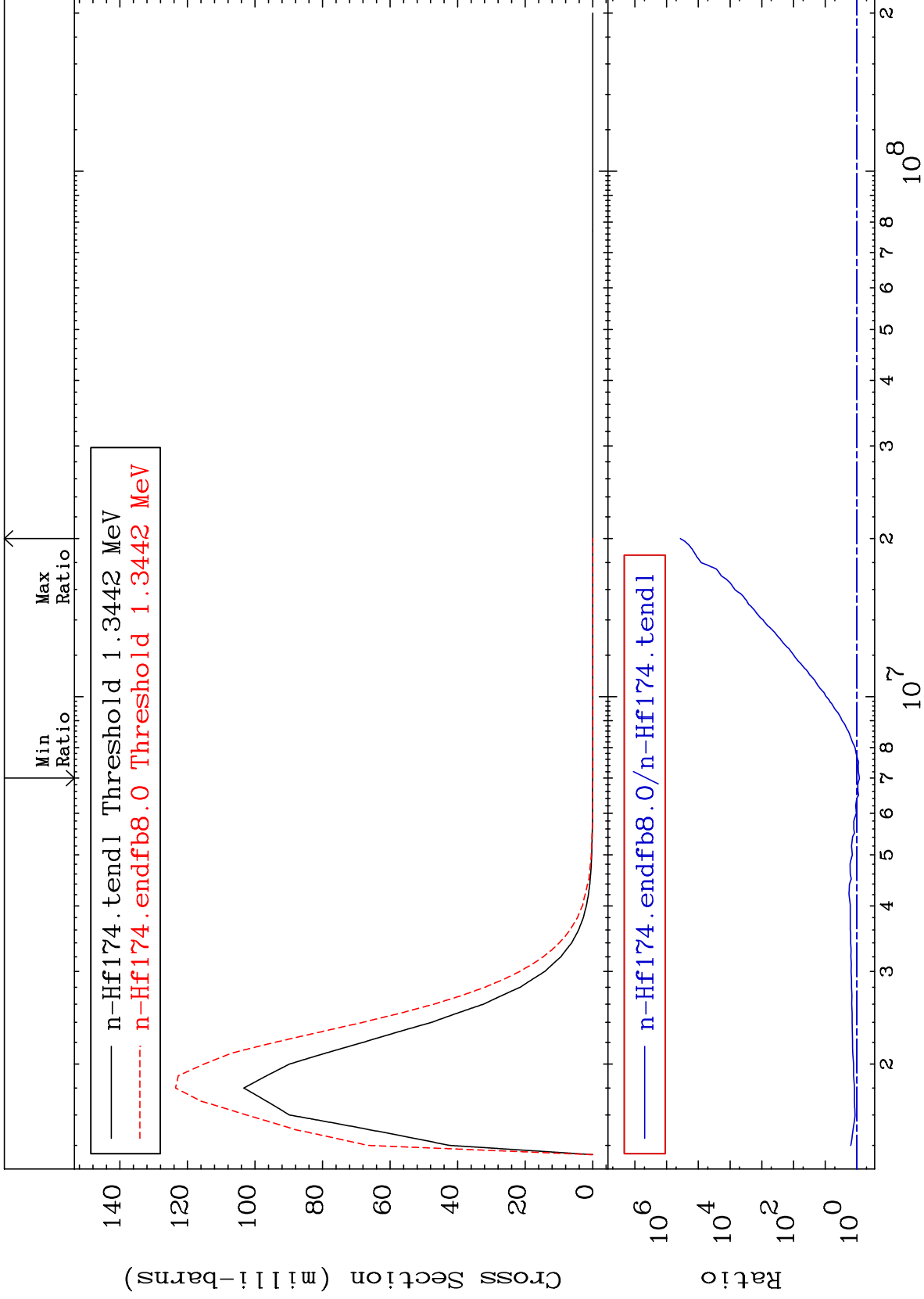
Incident Energy (eV)

72-Hf-174

MAT 7225

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

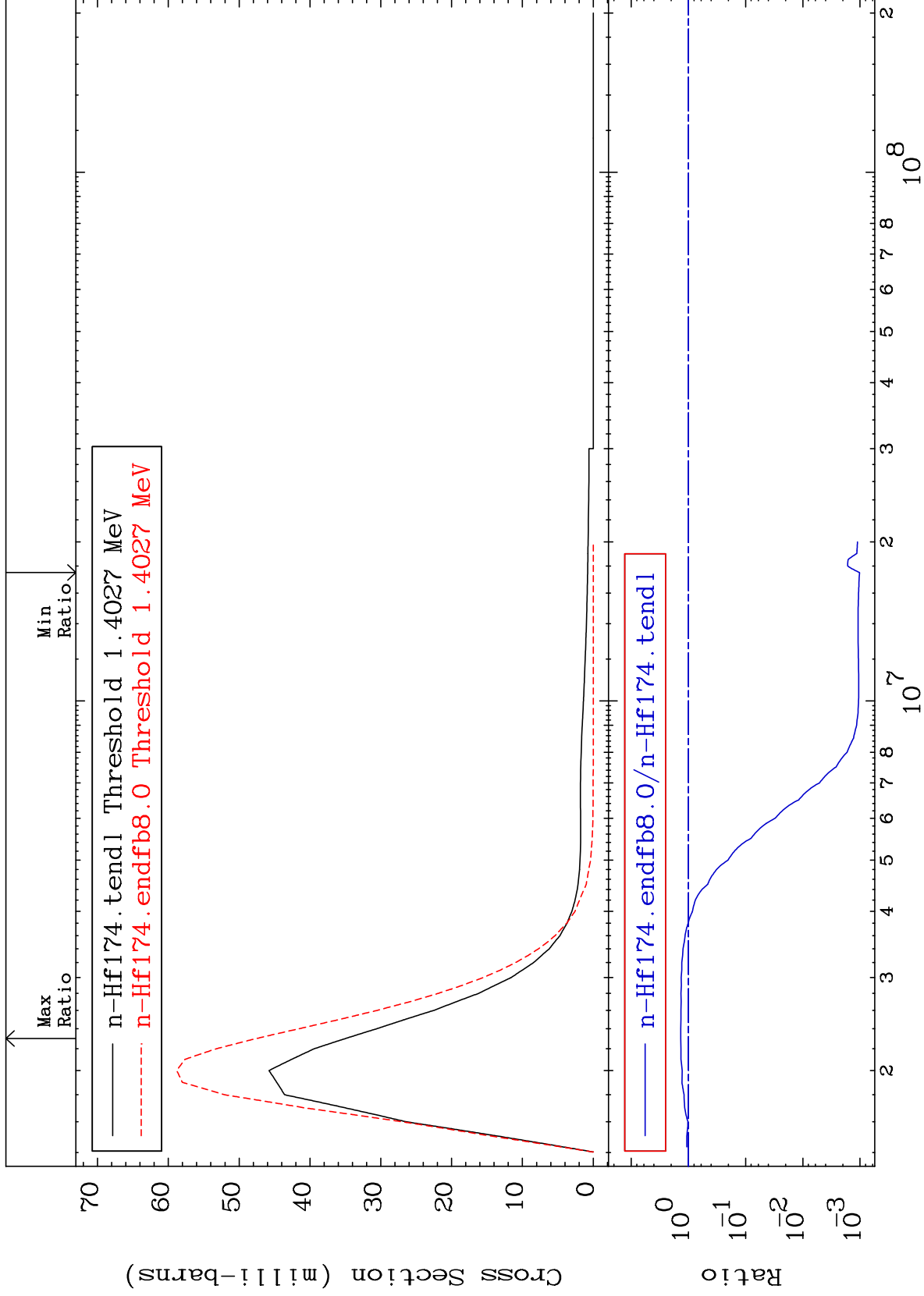
72-Hf-174
-16.55 To 9999. %

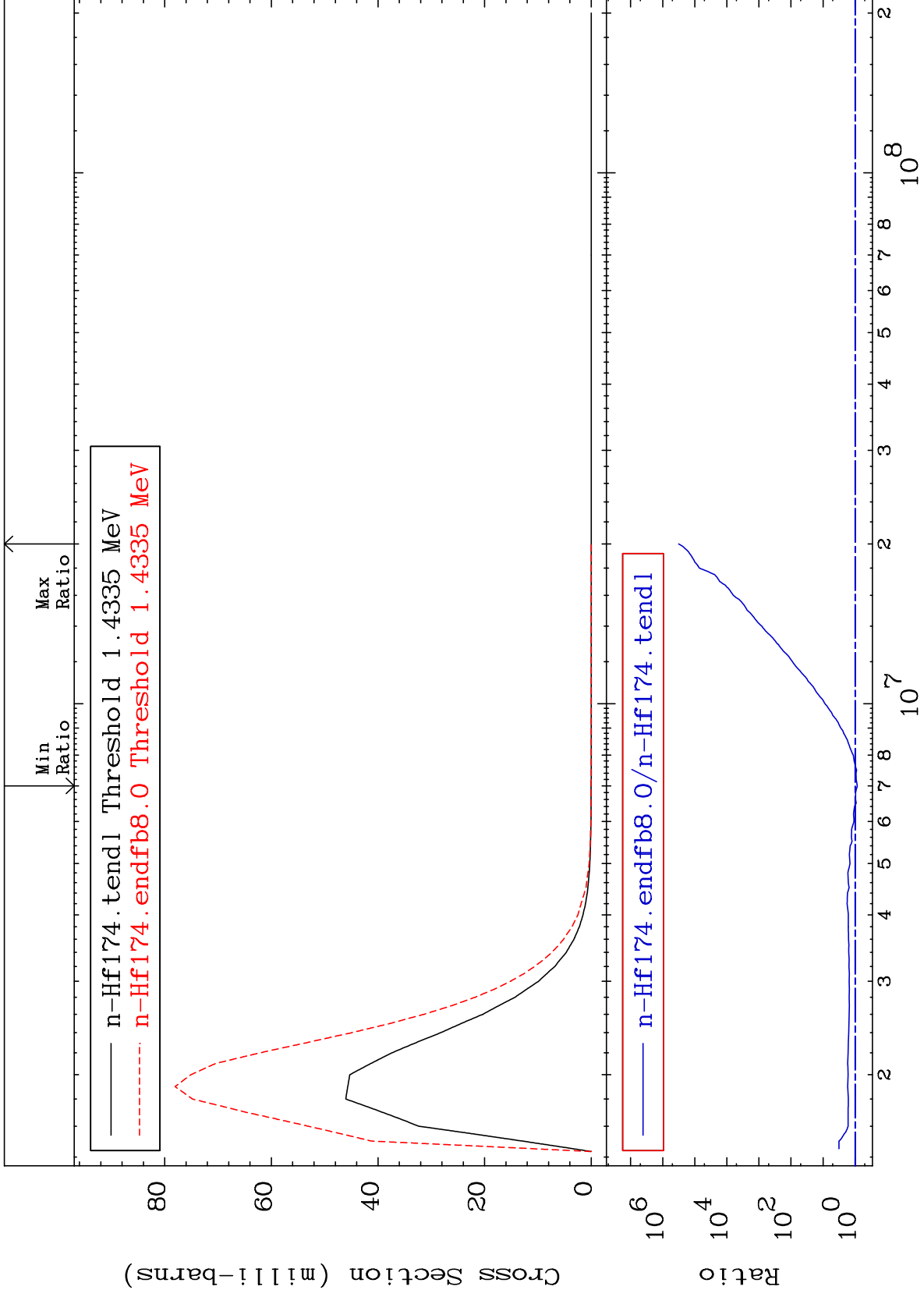


MAT 7225

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

72-Hf-174
-99.90 To 35.95 %

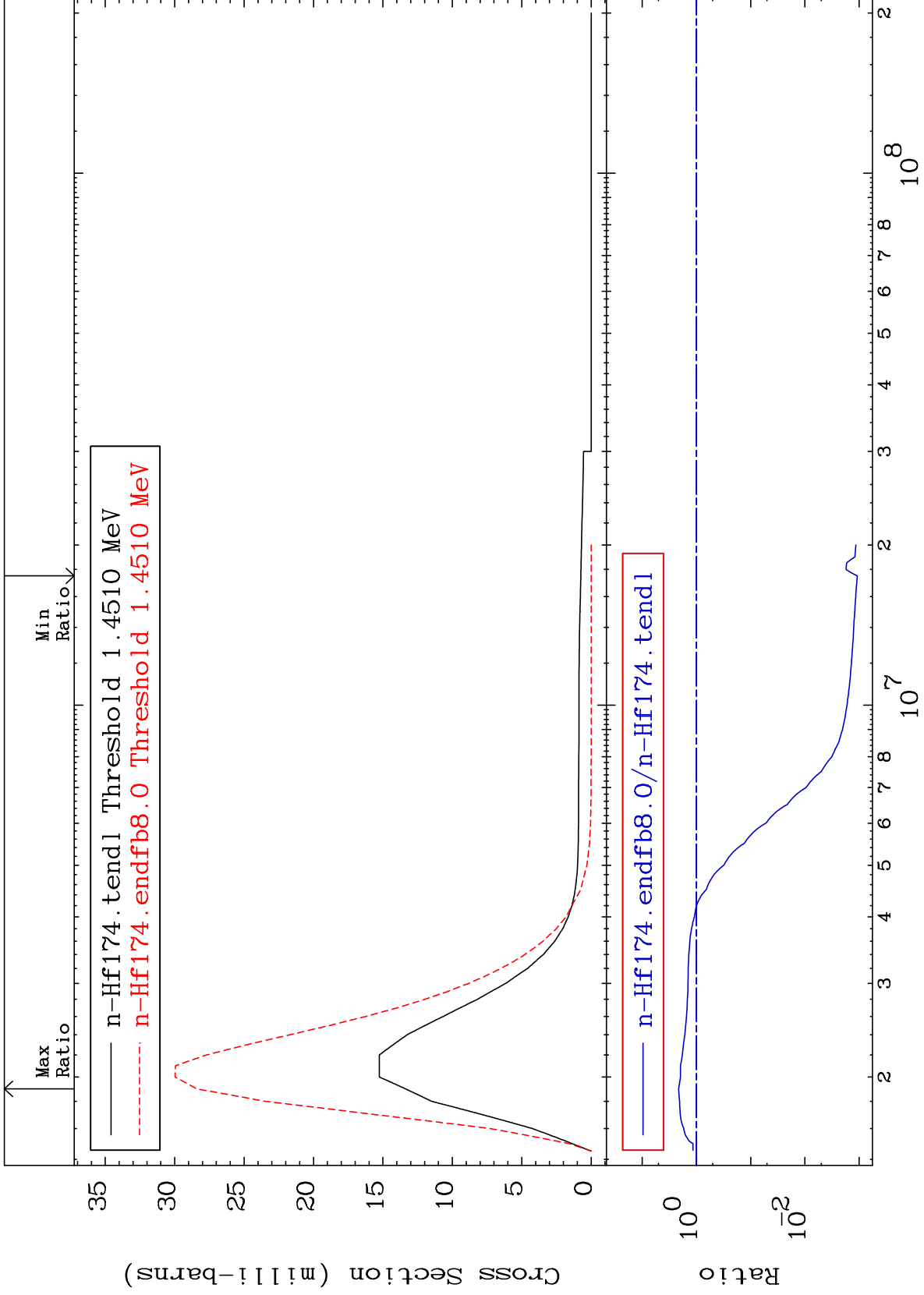




MAT 7225

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

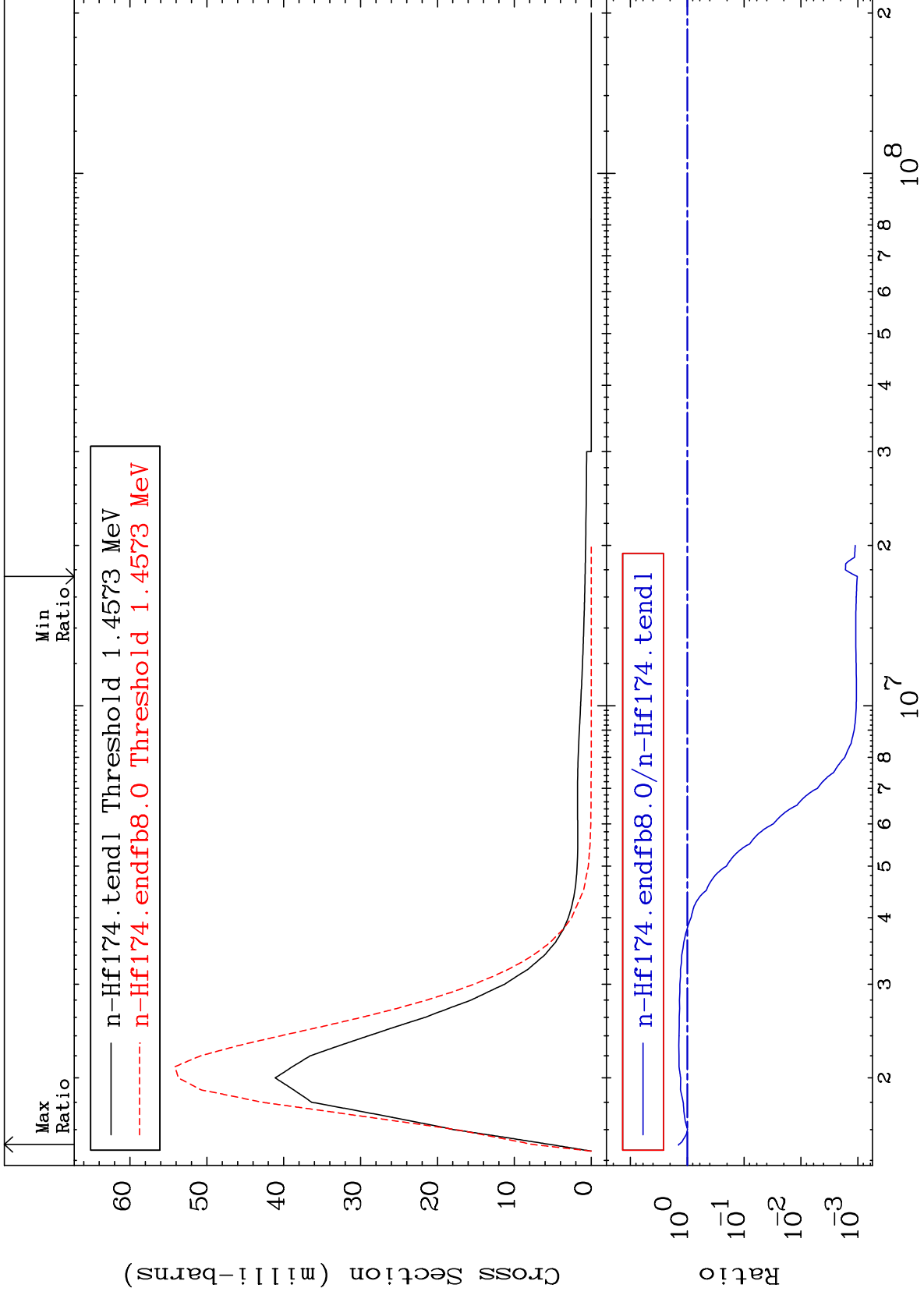
72-Hf-174
-99.89 To 112.4 %



MAT 7225

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

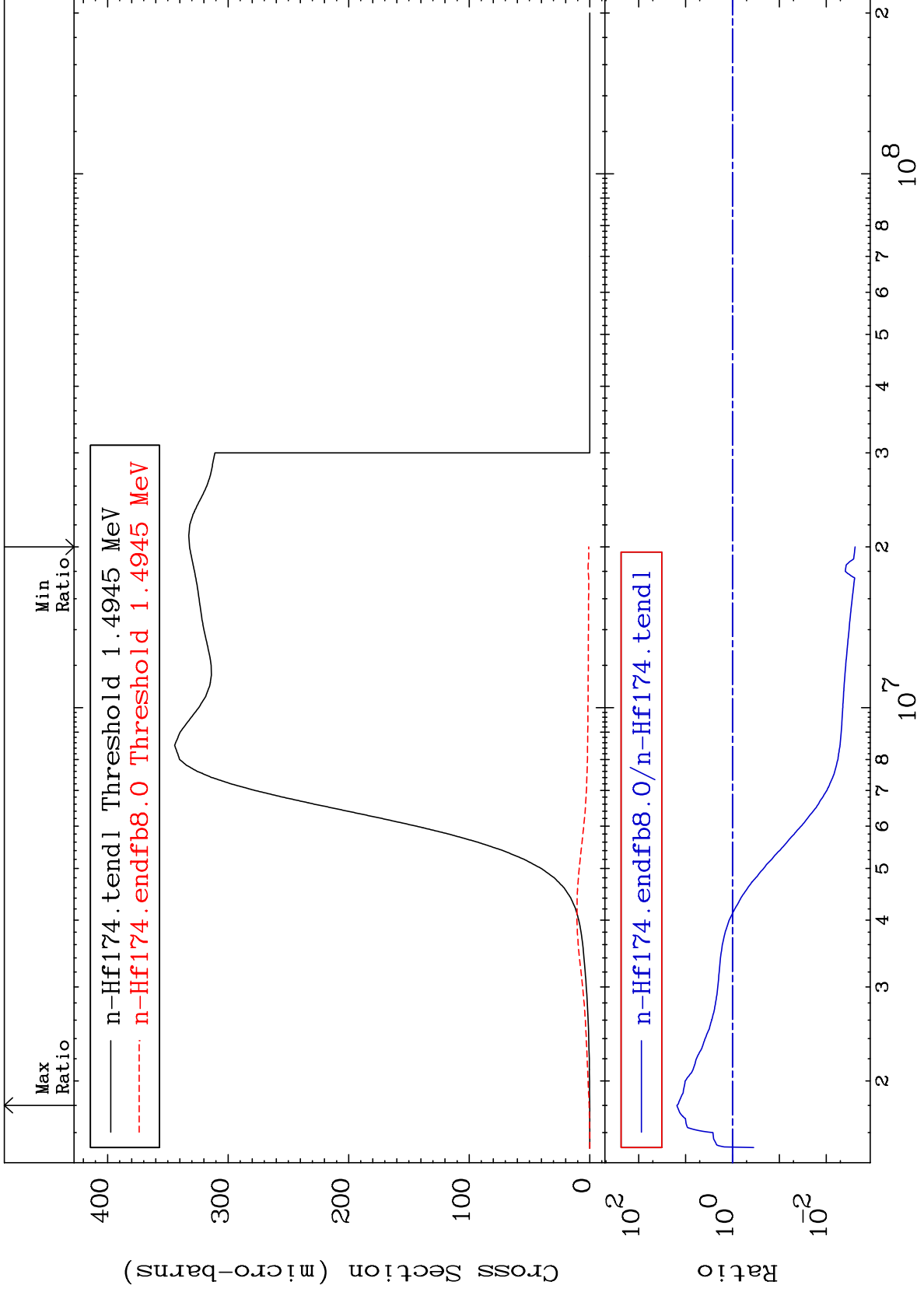
72-Hf-174
-99.90 To 41.61 %



MAT 7225

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

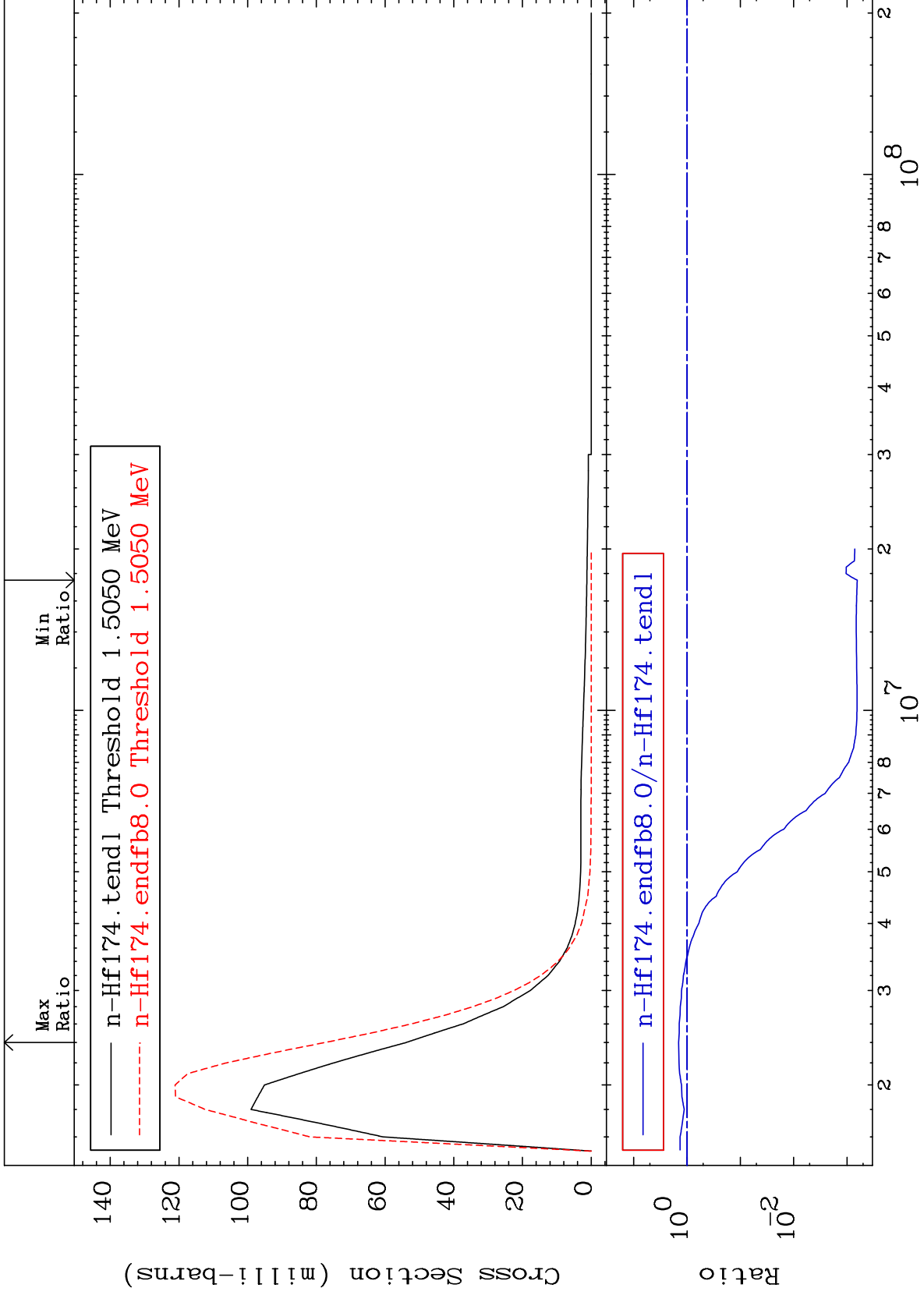
72-Hf-174
-99.76 To 1431. %



MAT 7225

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

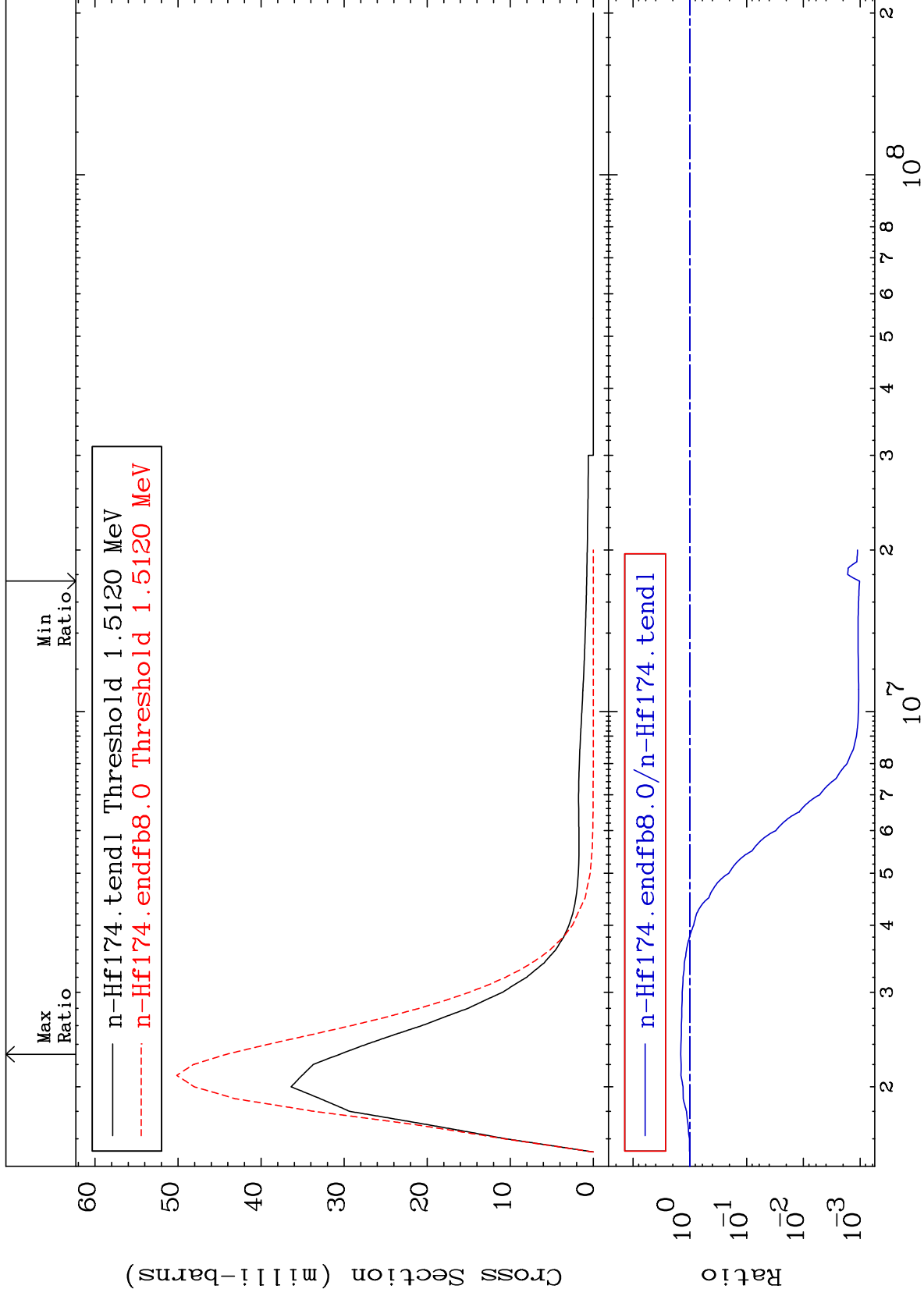
72-Hf-174
-99.94 To 43.88 %



MAT 7225

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

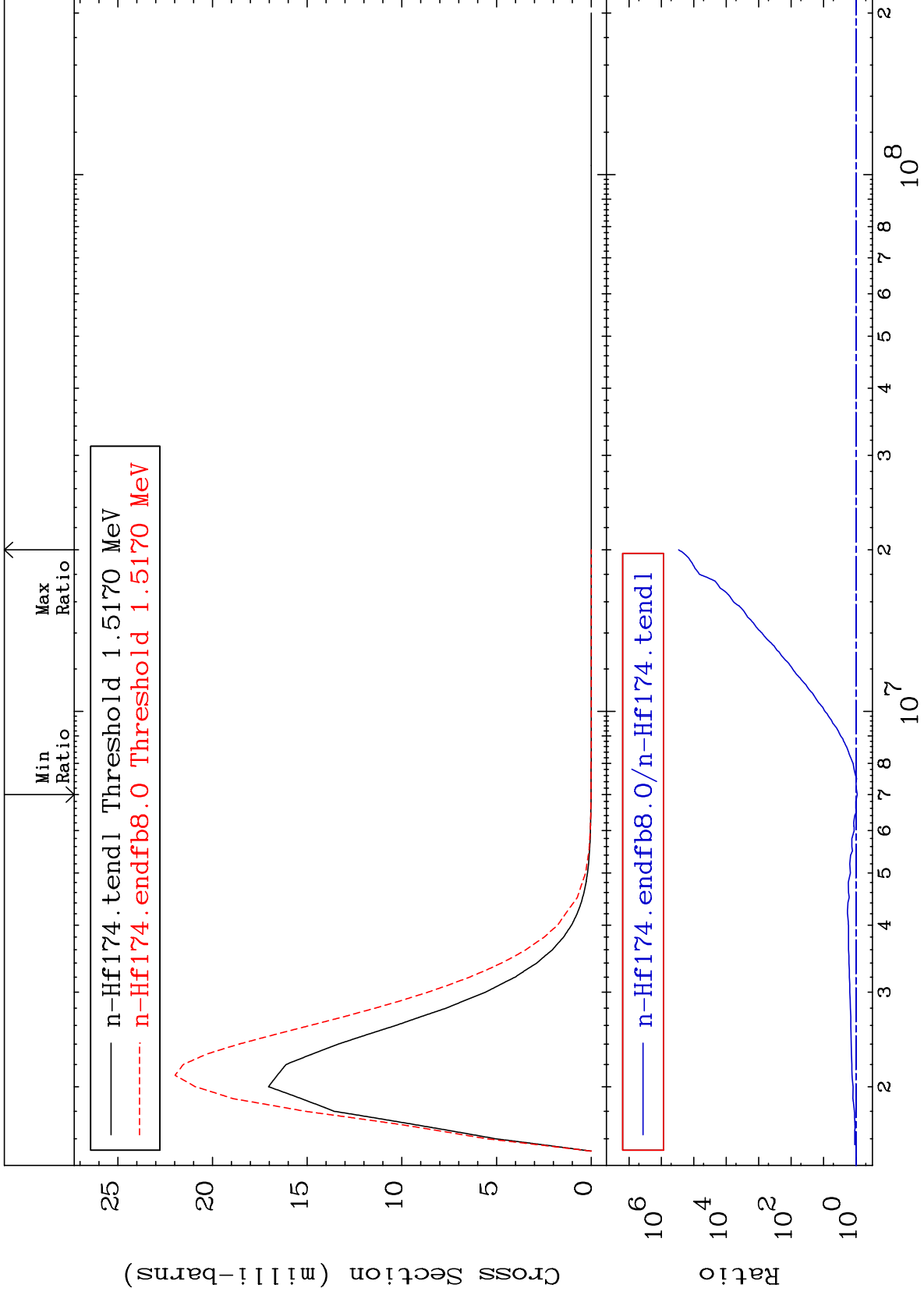
72-Hf-174
-99.90 To 44.61 %



MAT 7225

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

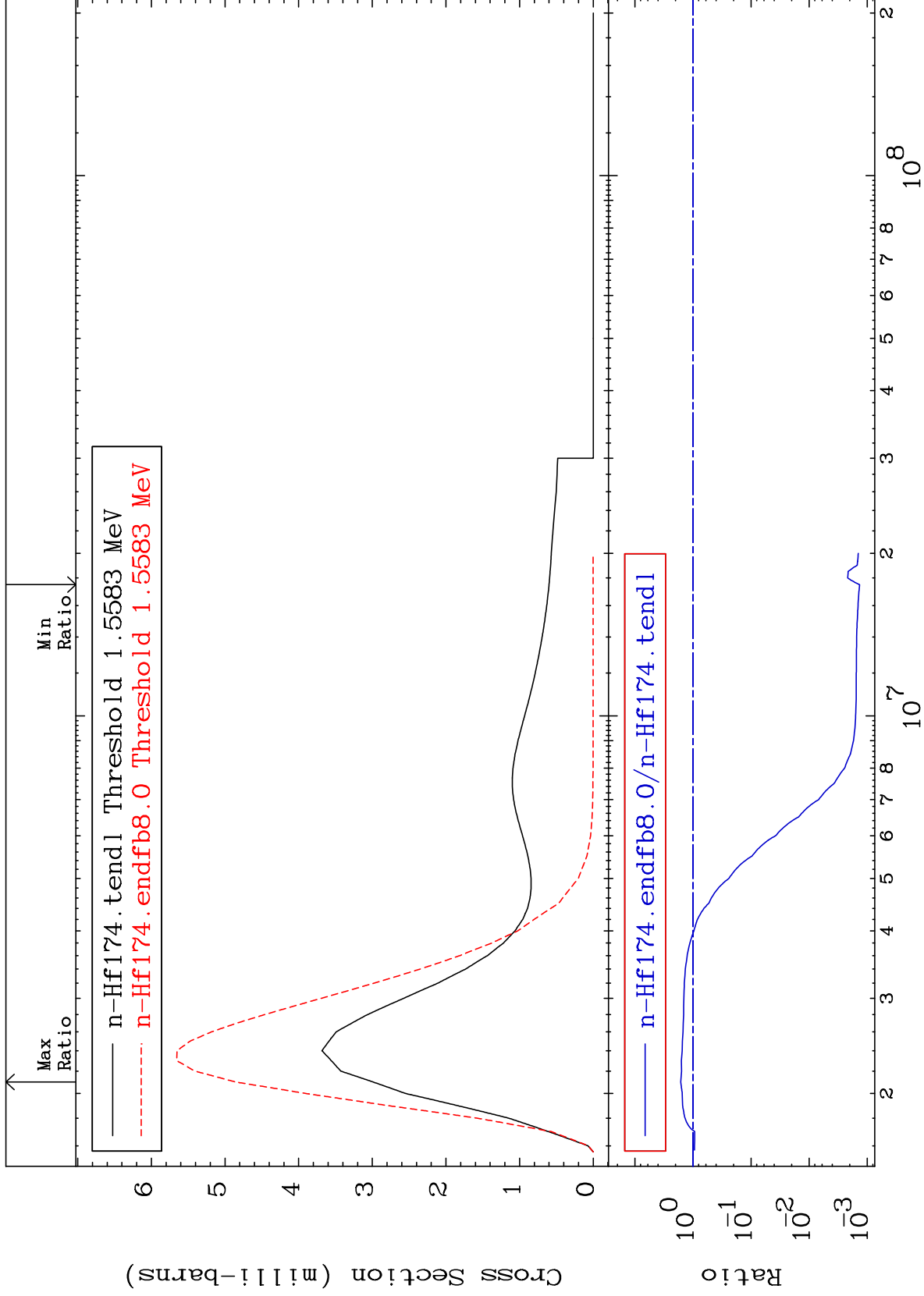
72-Hf-174
-8.807 To 9999. %

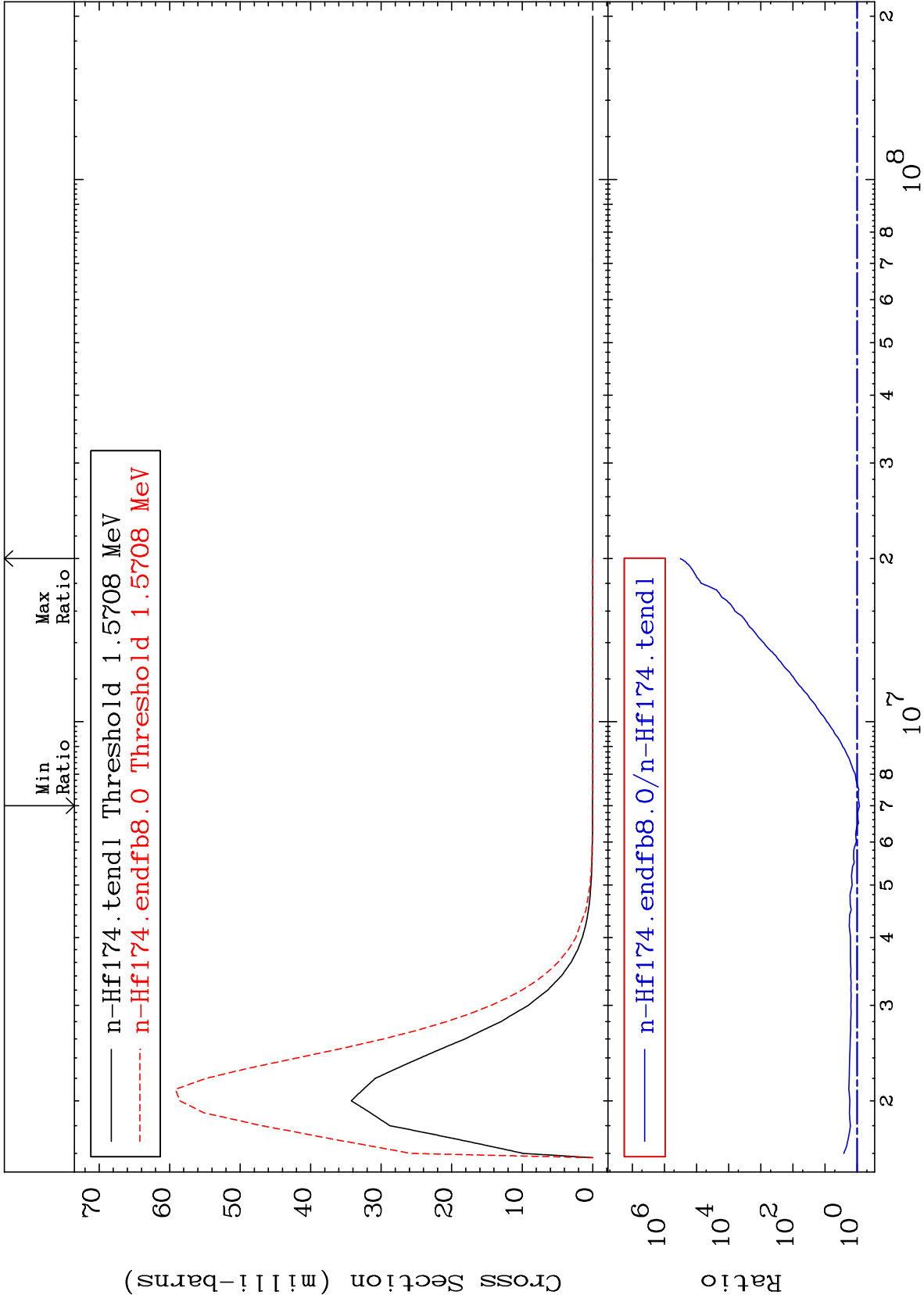


MAT 7225

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

72-Hf-174
-99.86 To 62.42 %

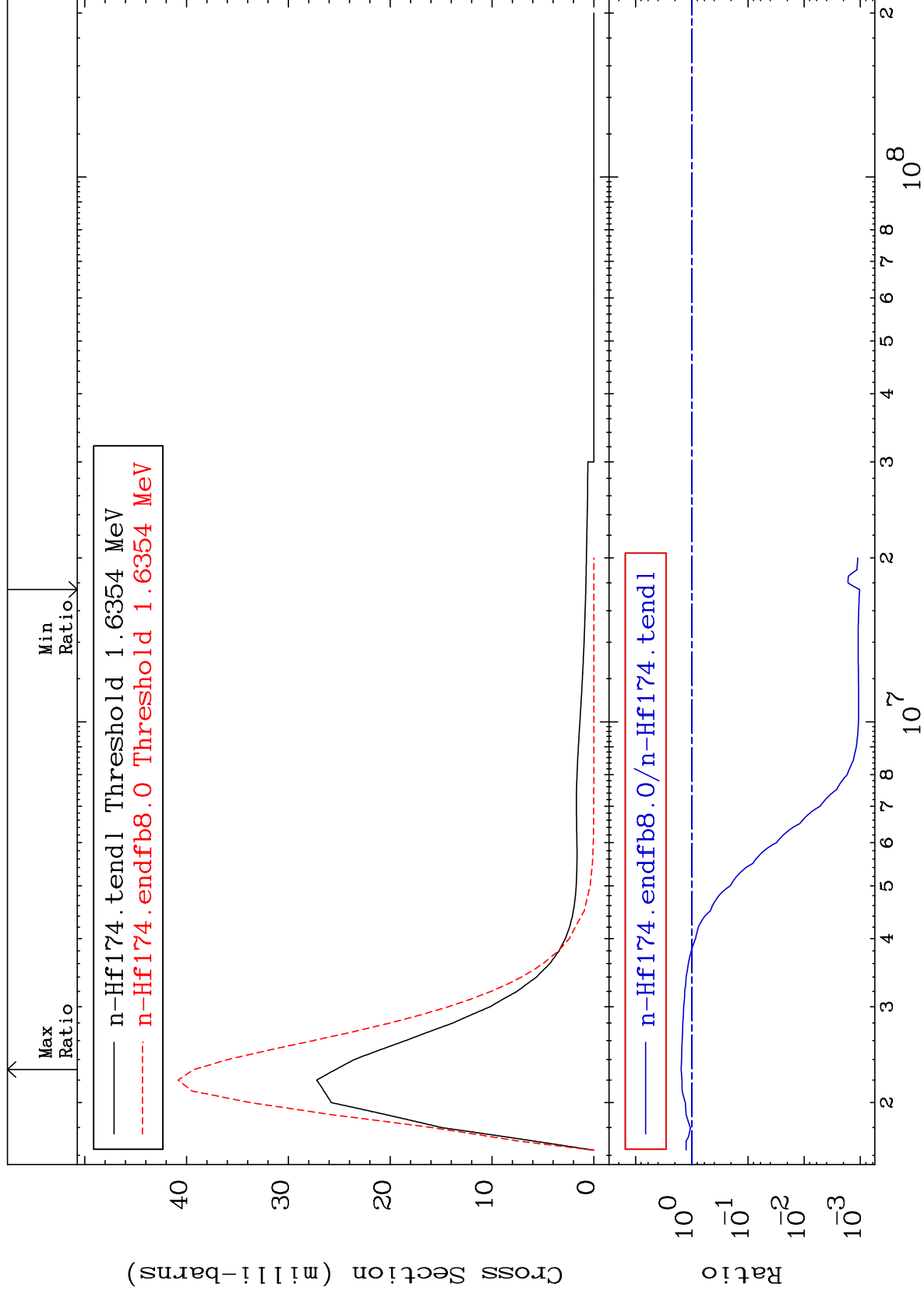




MAT 7225

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

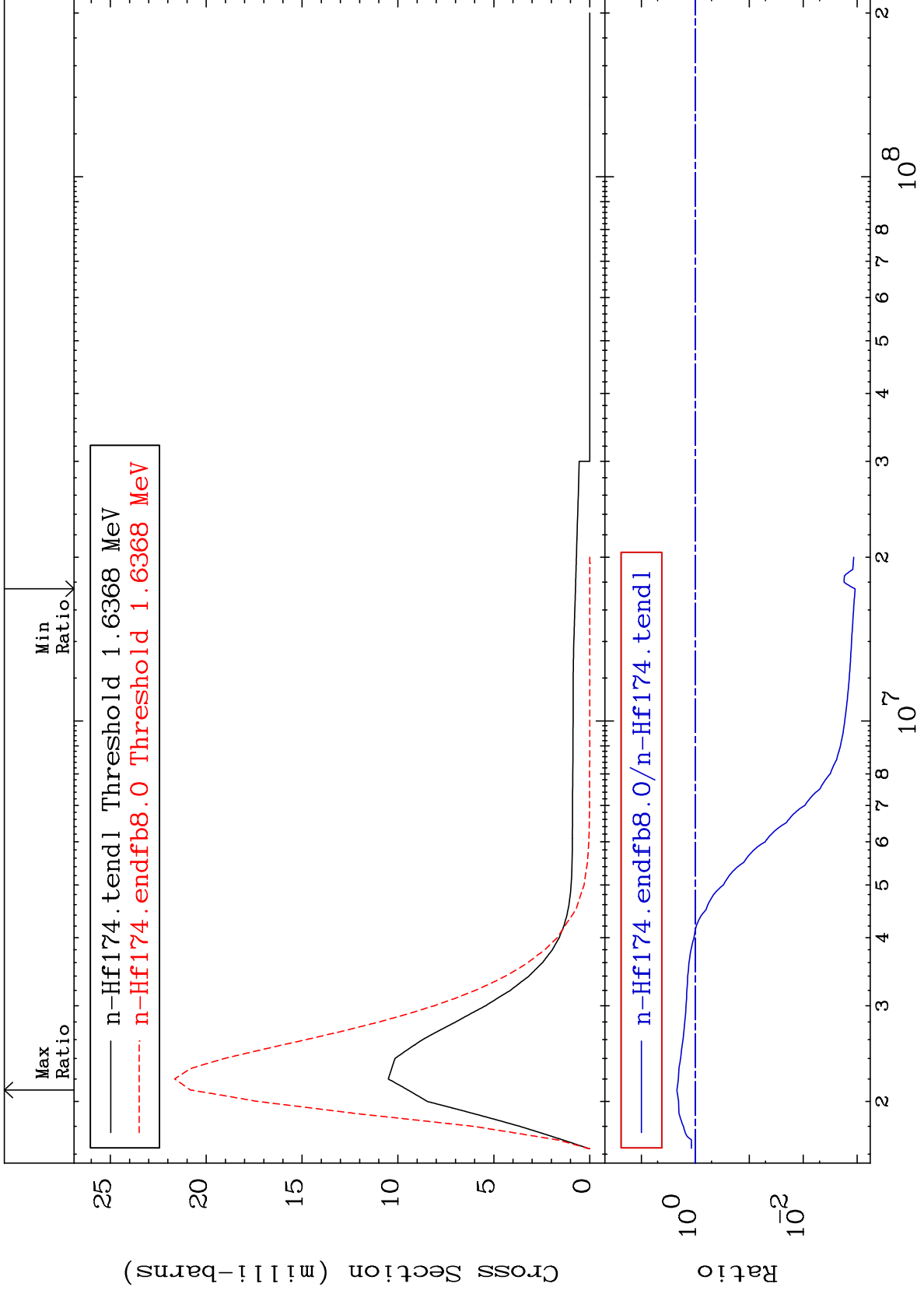
72-Hf-174
-99.90 To 54.86 %

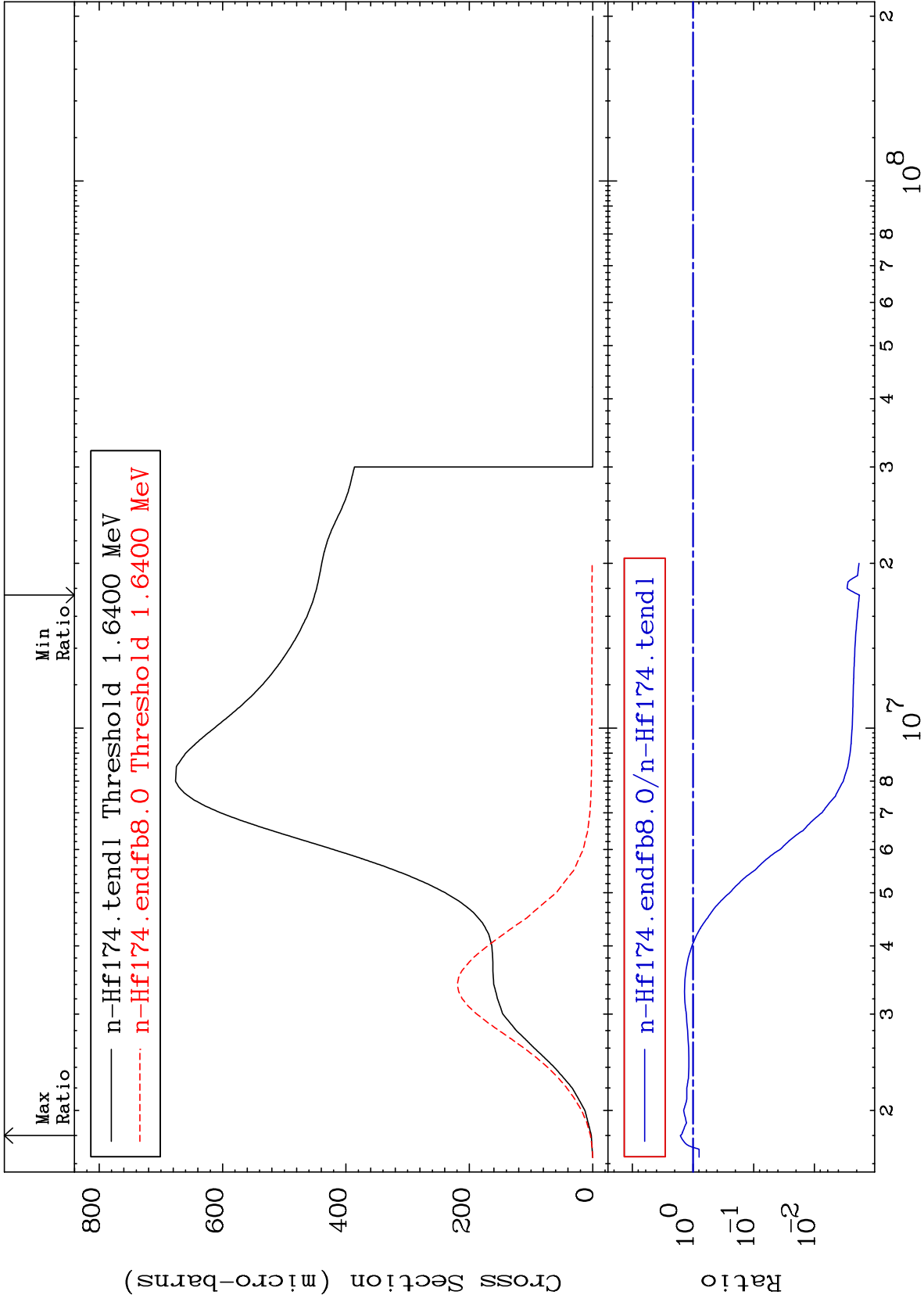


MAT 7225

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

72-Hf-174
-99.89 To 119.5 %

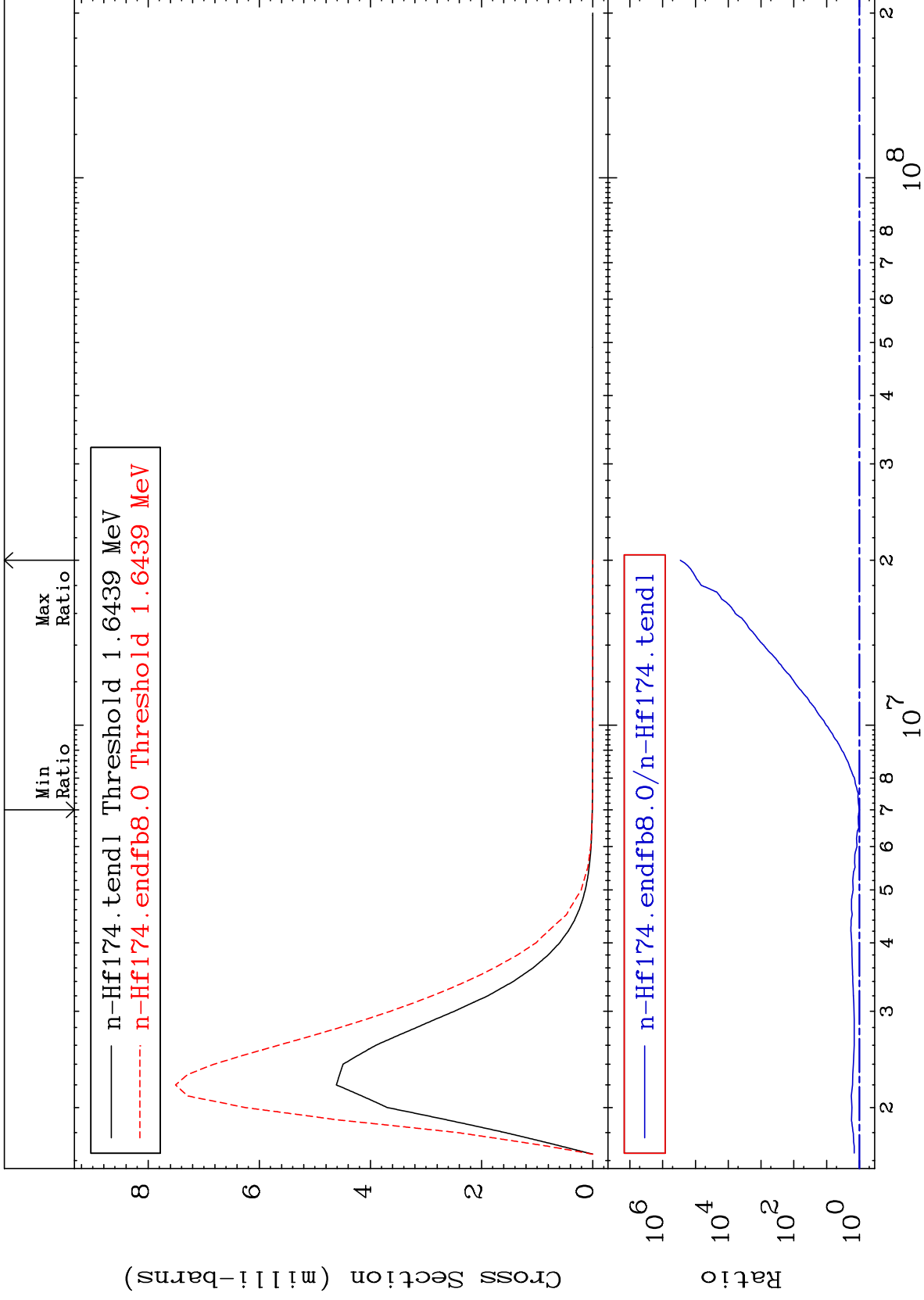




MAT 7225

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

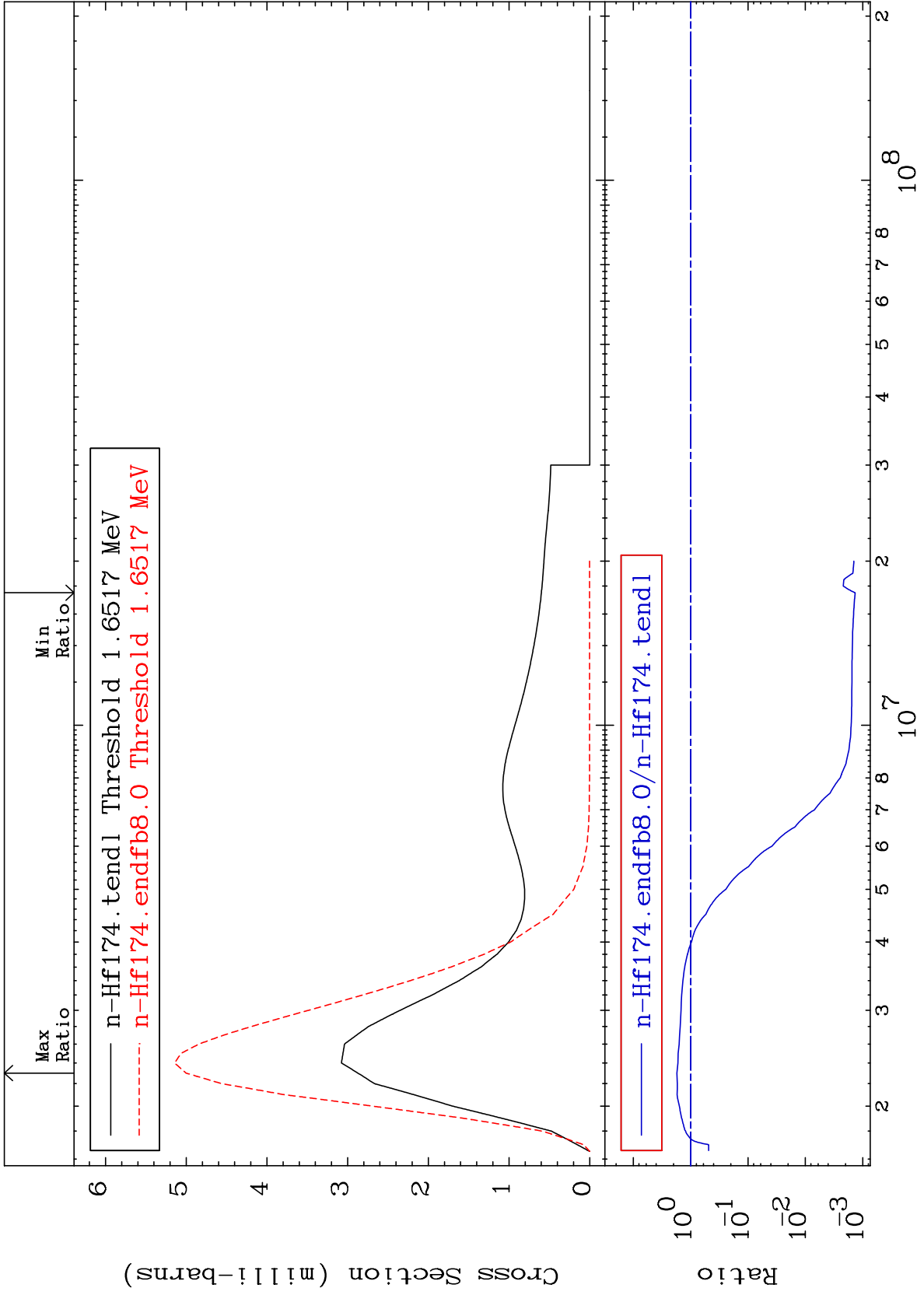
72-Hf-174
-0.193 To 9999. %



MAT 7225

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

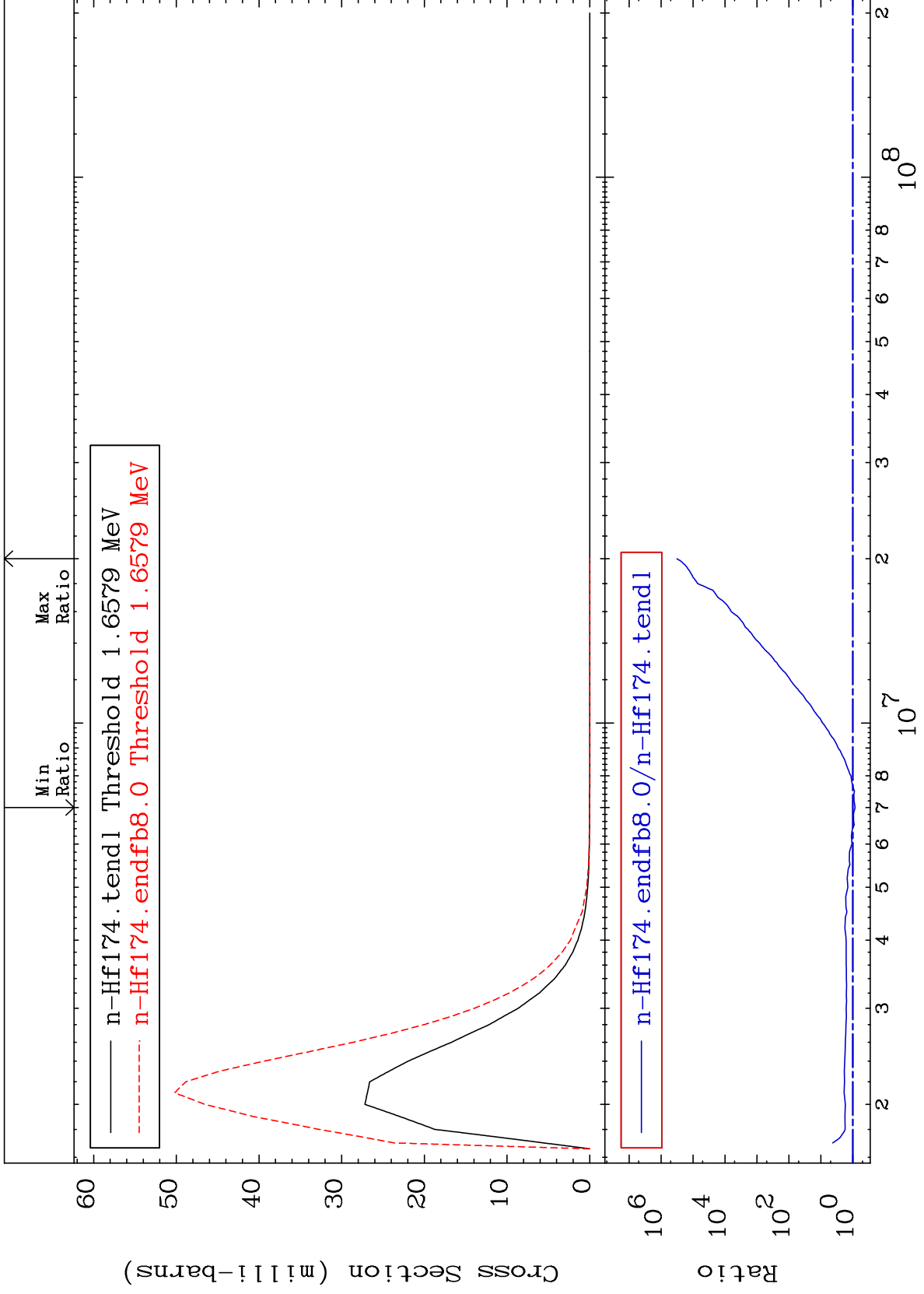
72-Hf-174
-99.86 To 74.17 %

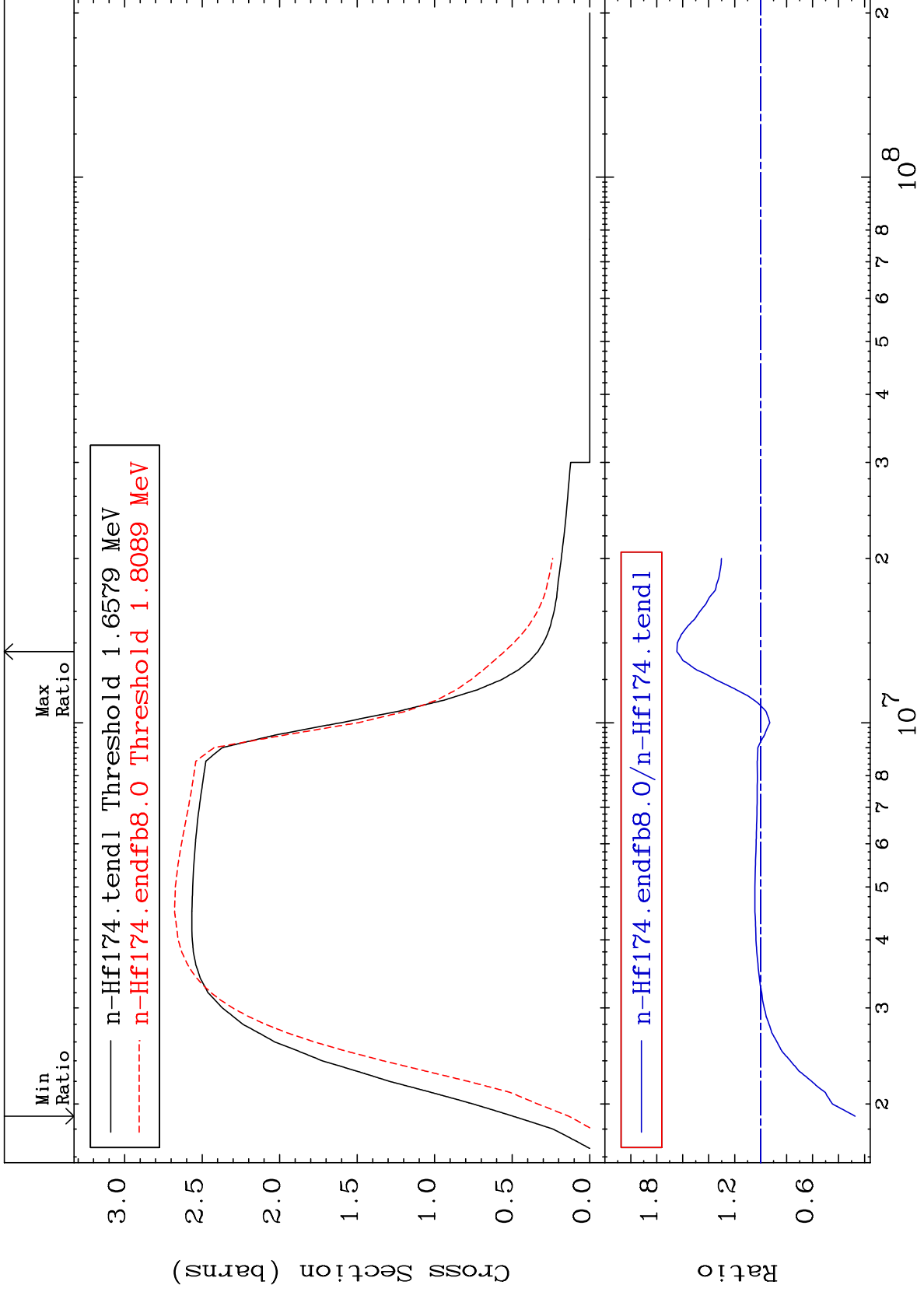


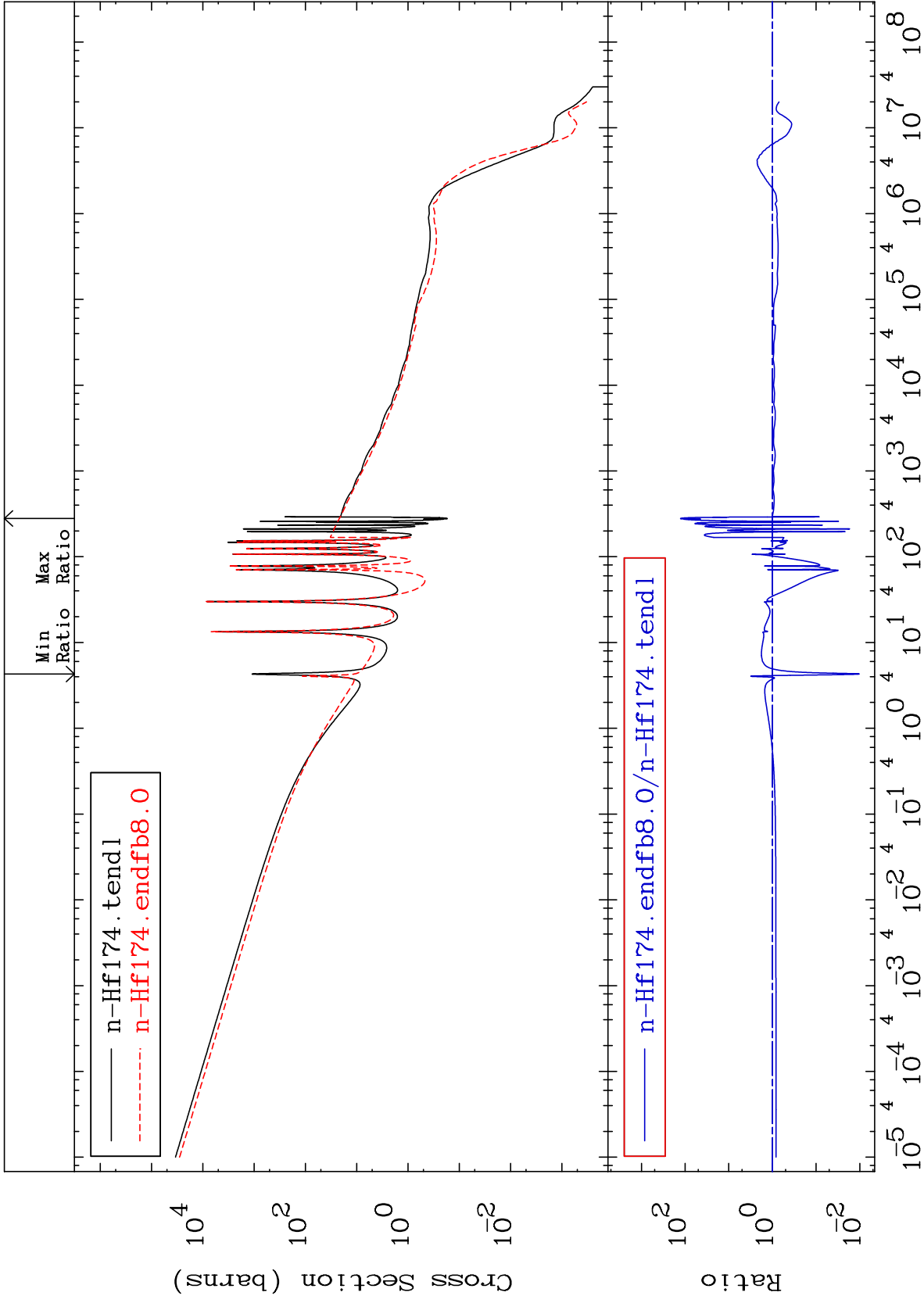
MAT 7225

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

72-Hf-174
-14.87 To 9999. %







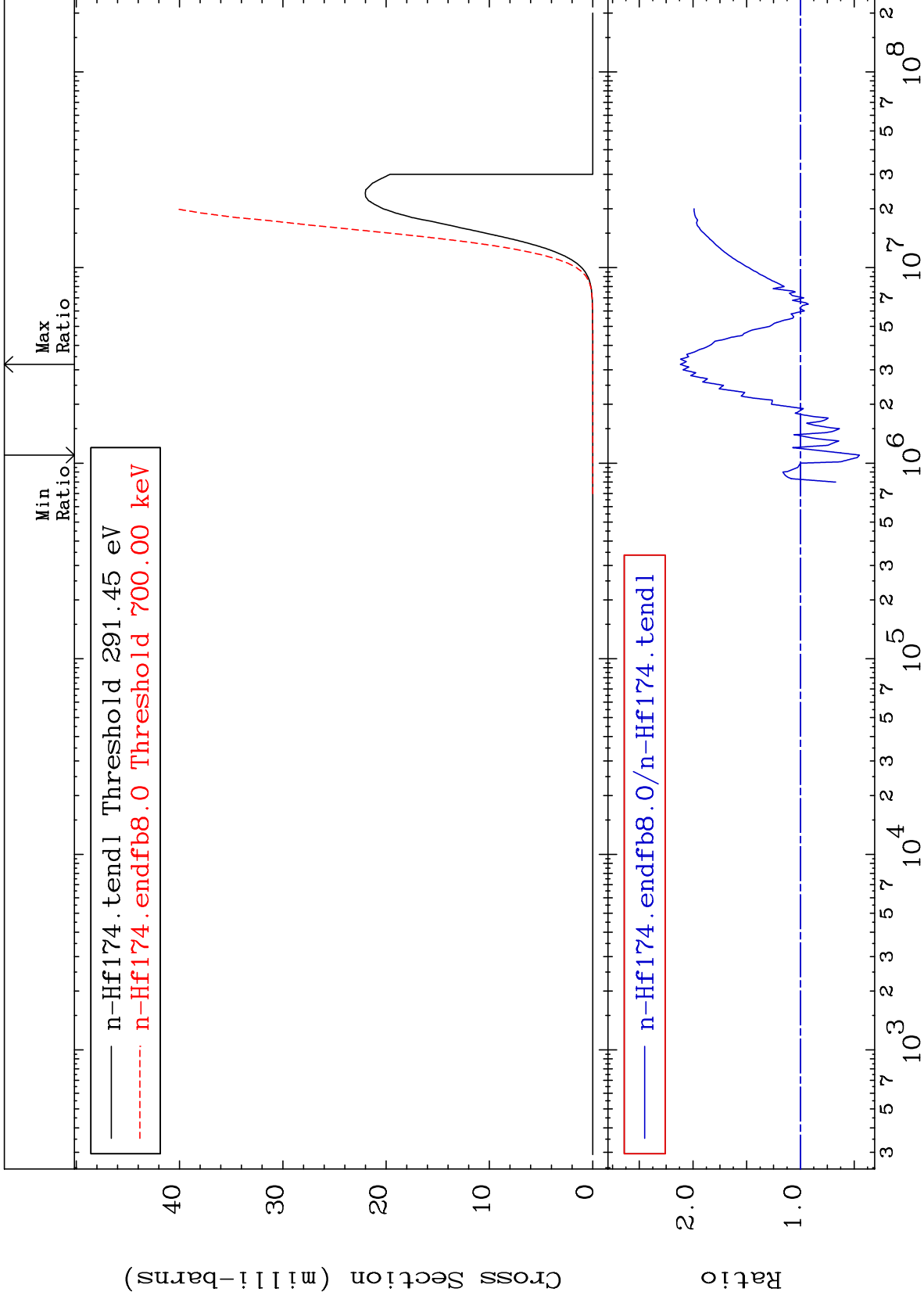
MAT 7225

(n, p)

⁷²Hf-174

Cross Section

-54.95 To 111.8 %



40

Incident Energy (eV)

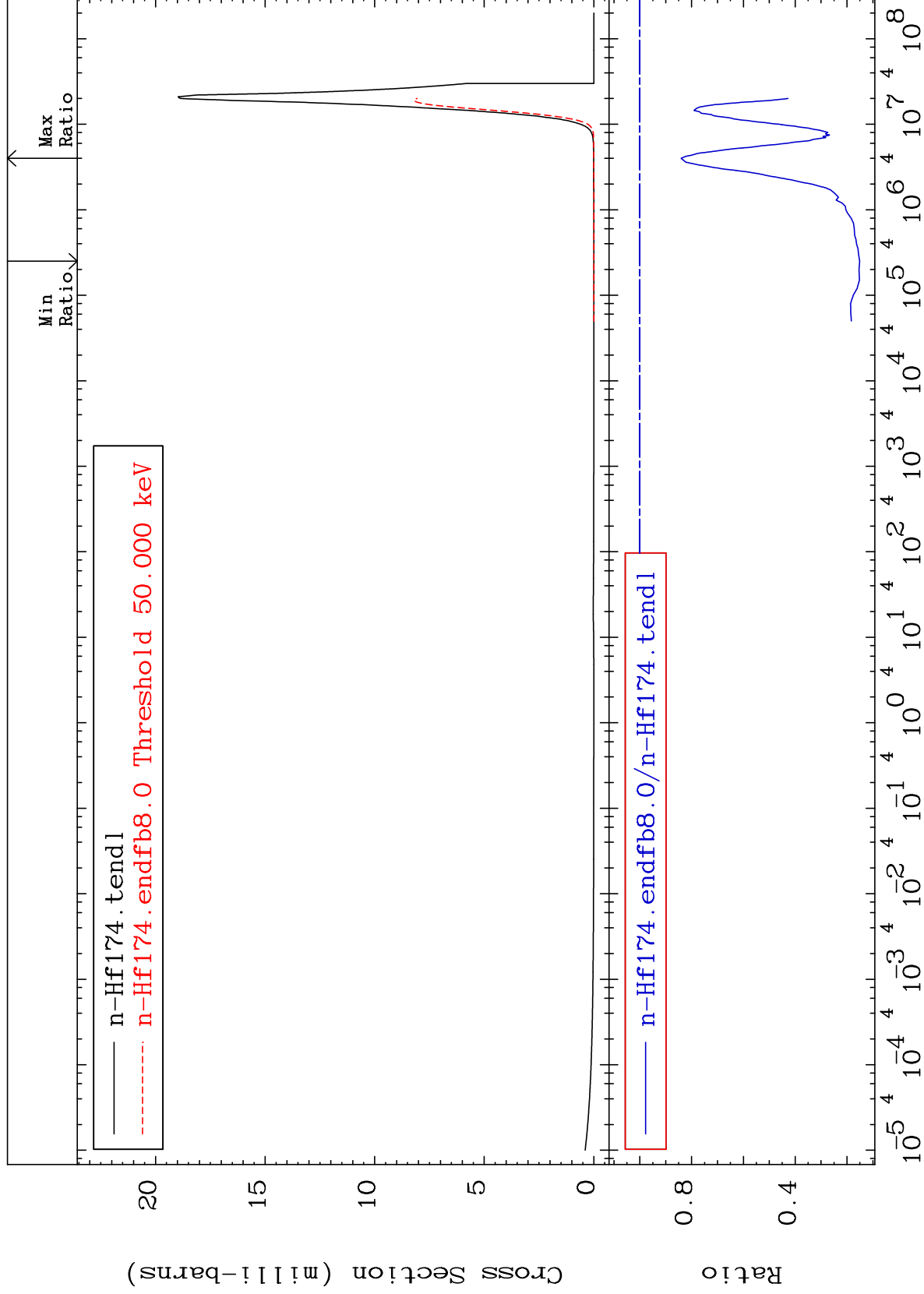
⁷²Hf-174

MAT 7225

(n, α)
Cross Section

⁷²Hf-174

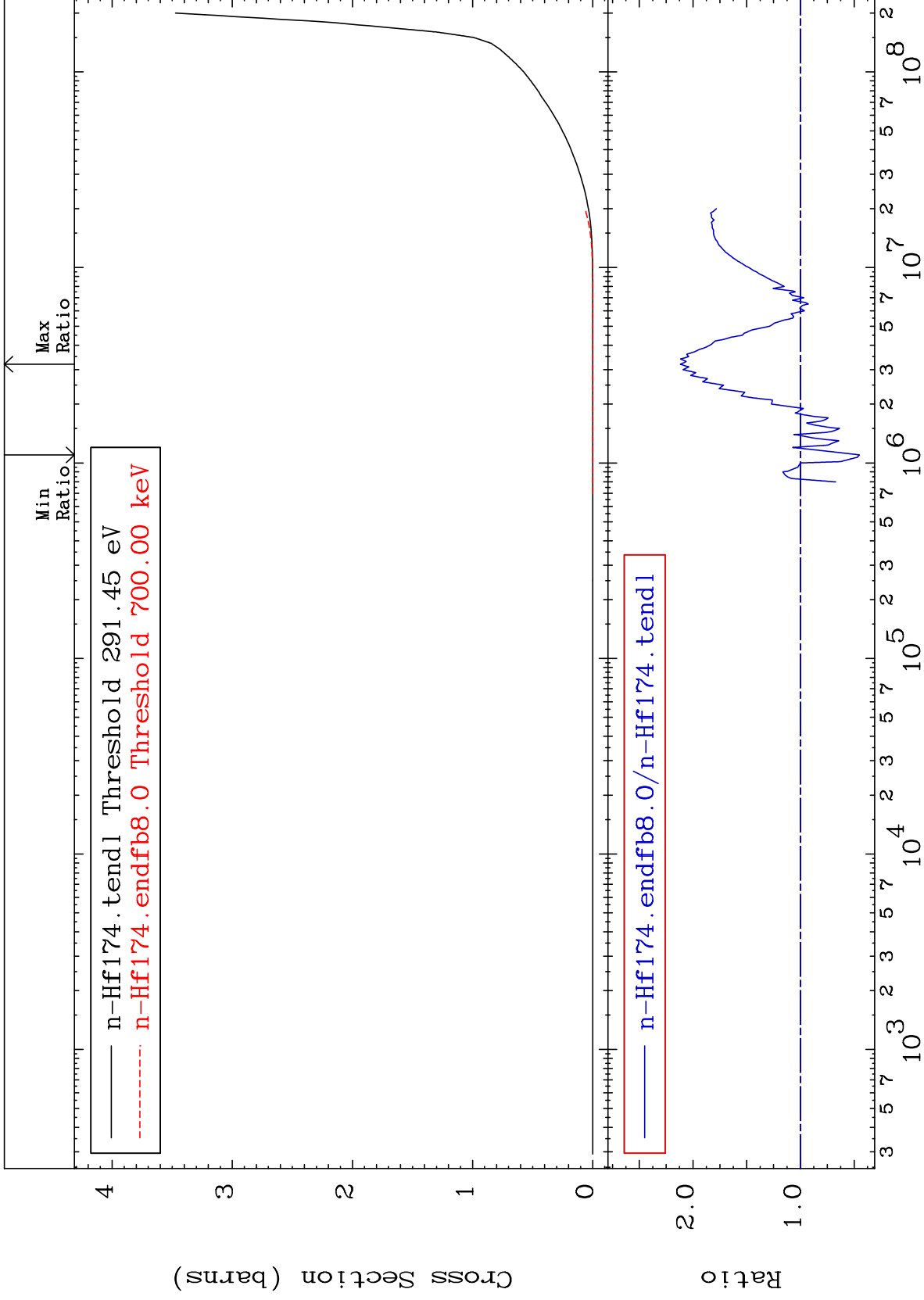
-84.90 To -15.97%



41

Incident Energy (eV)

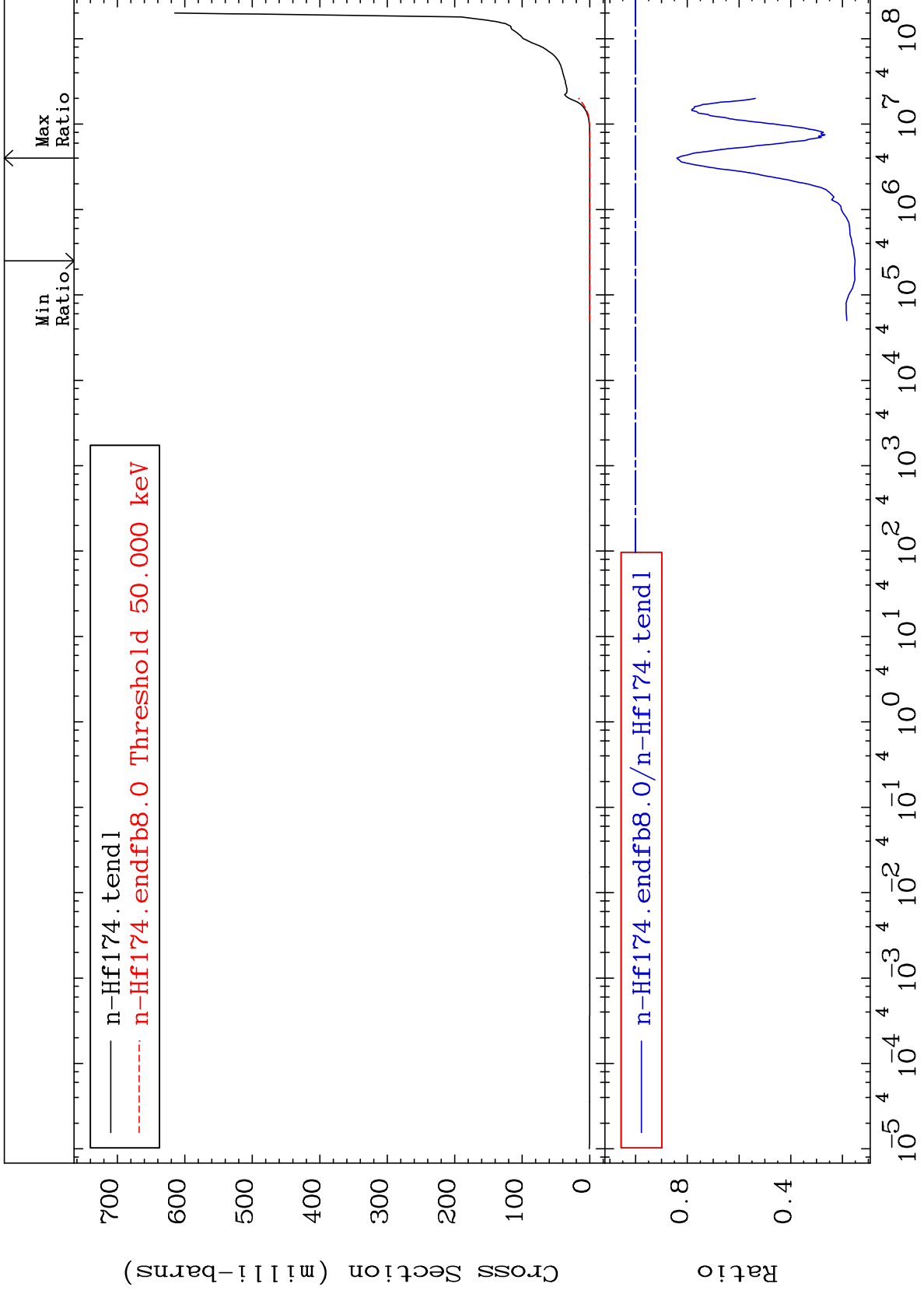
⁷²Hf-174



MAT 7225

He-4 Production
Cross Section

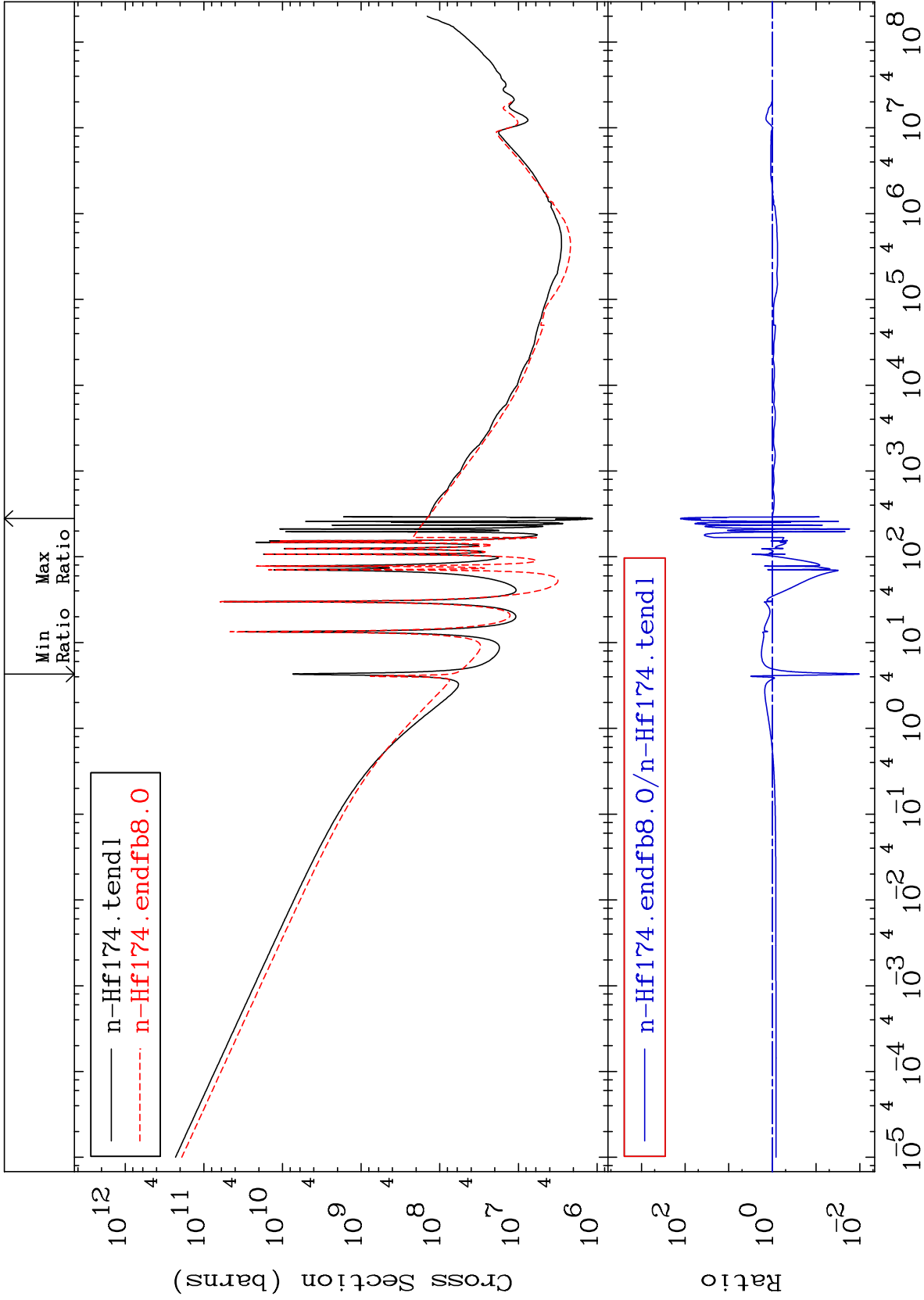
⁷²Hf-174
-84.90 To -15.97%



43

Incident Energy (eV)

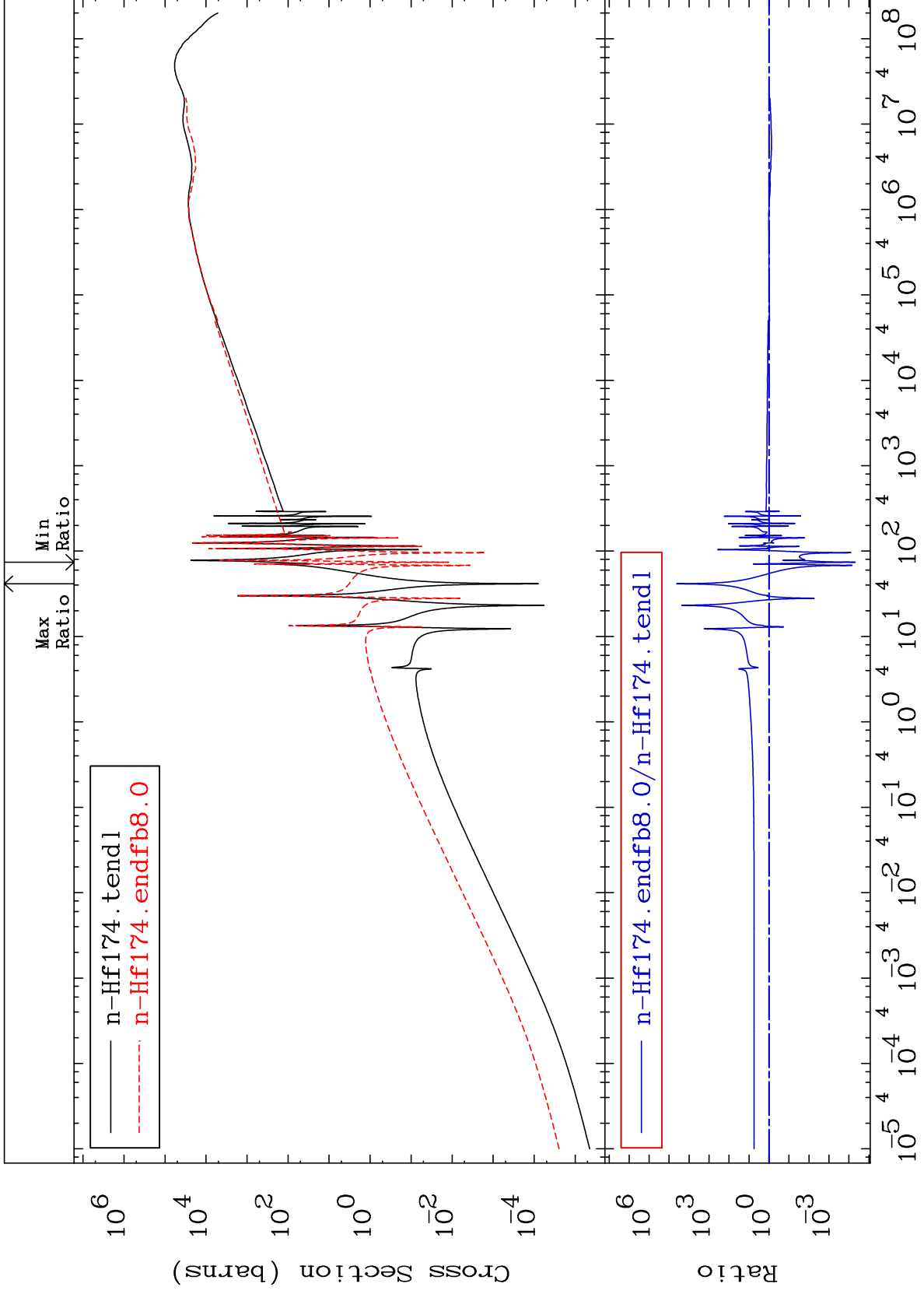
⁷²Hf-174



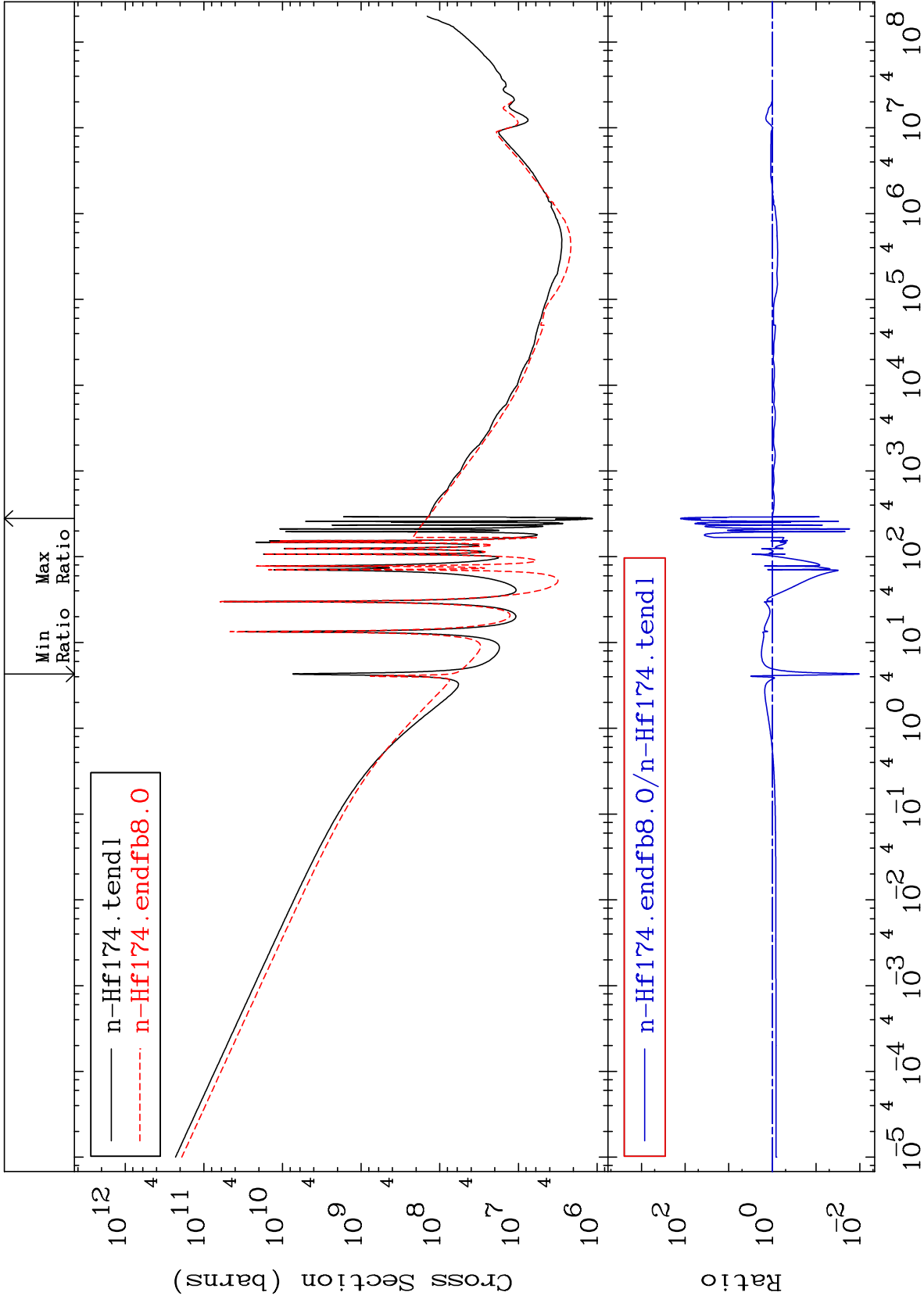
MAT 7225

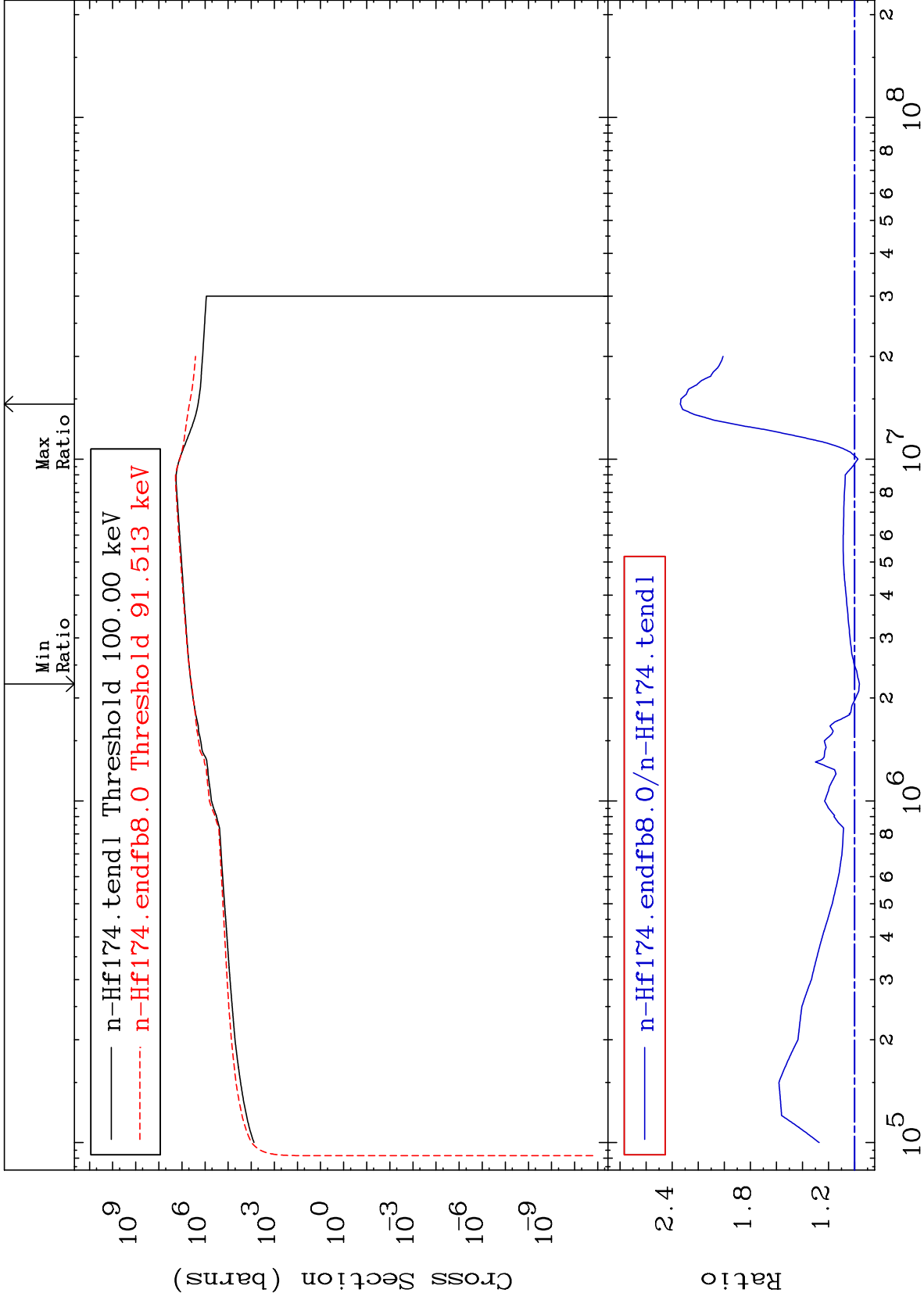
Kerma elastic
Cross Section

⁷²Hf-174
-100.0 To 9999. %



Cross Section

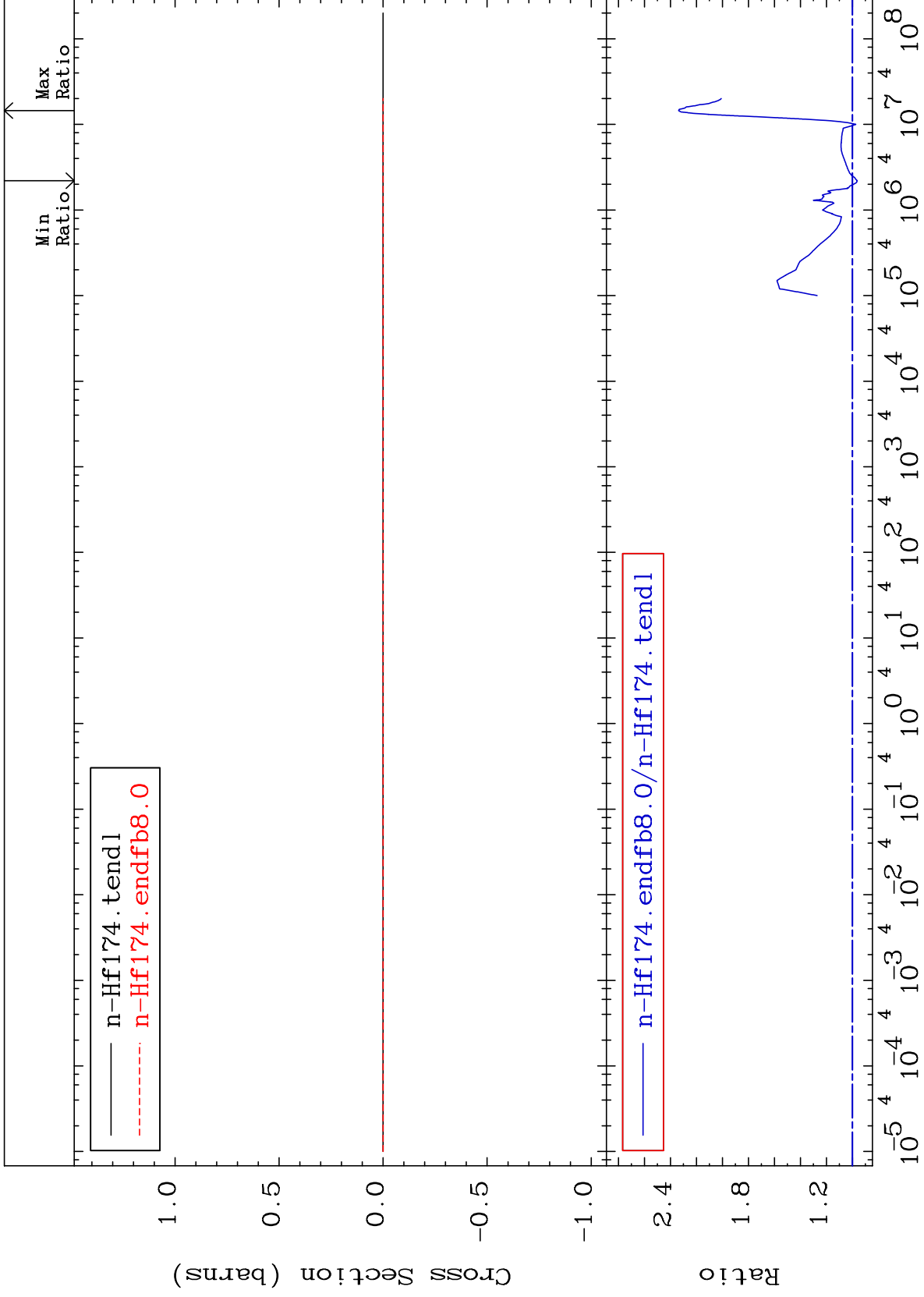


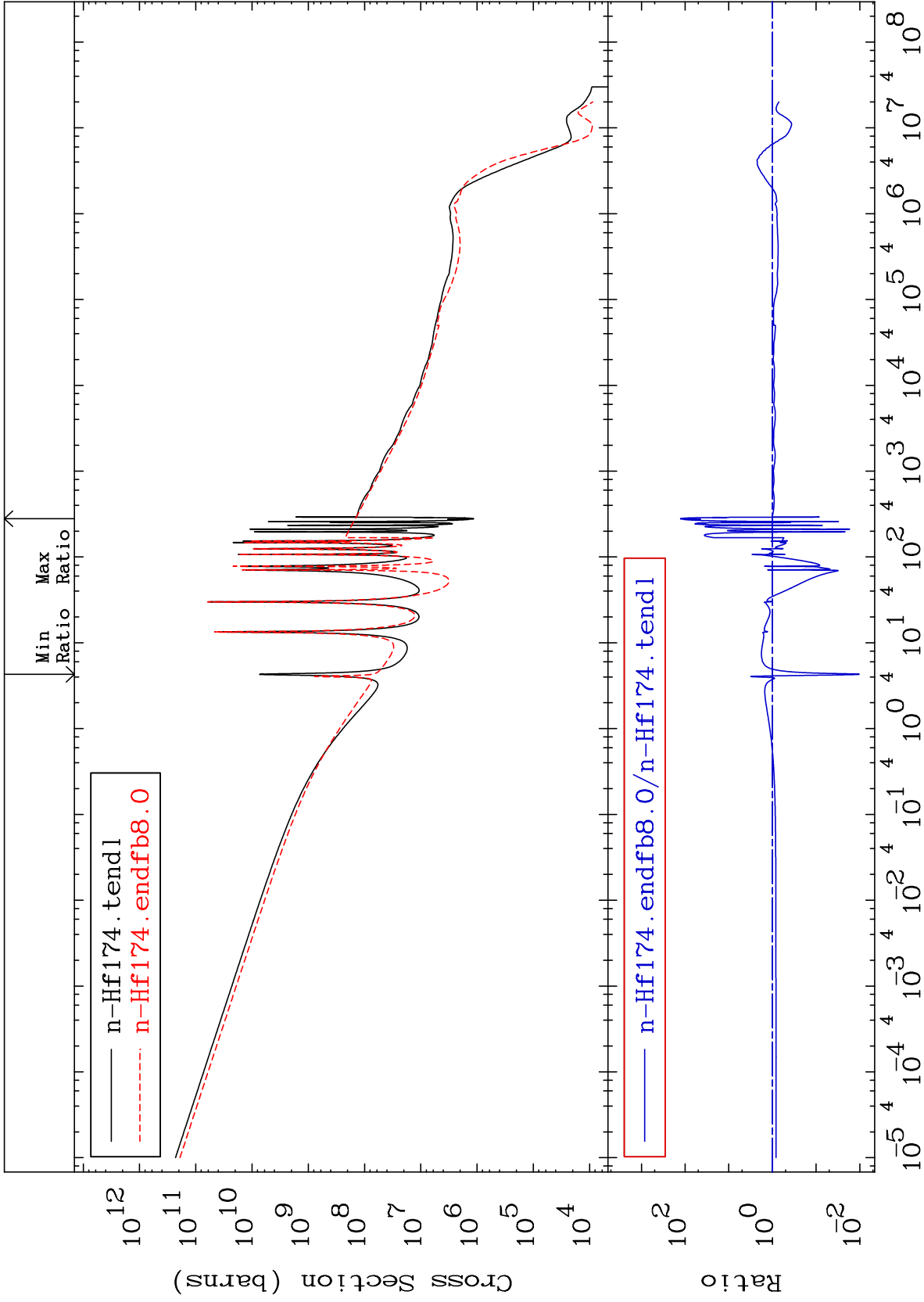


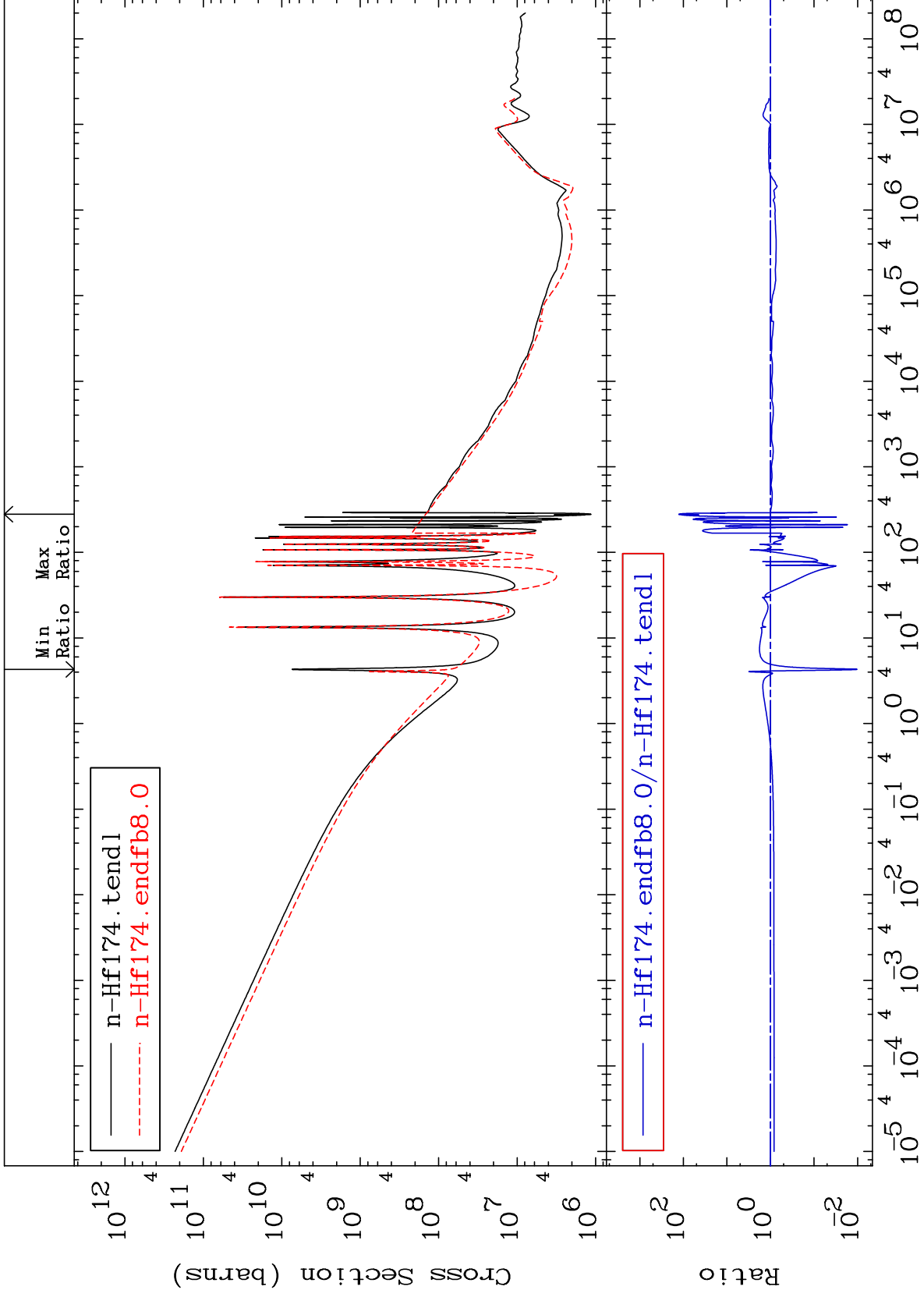
MAT 7225

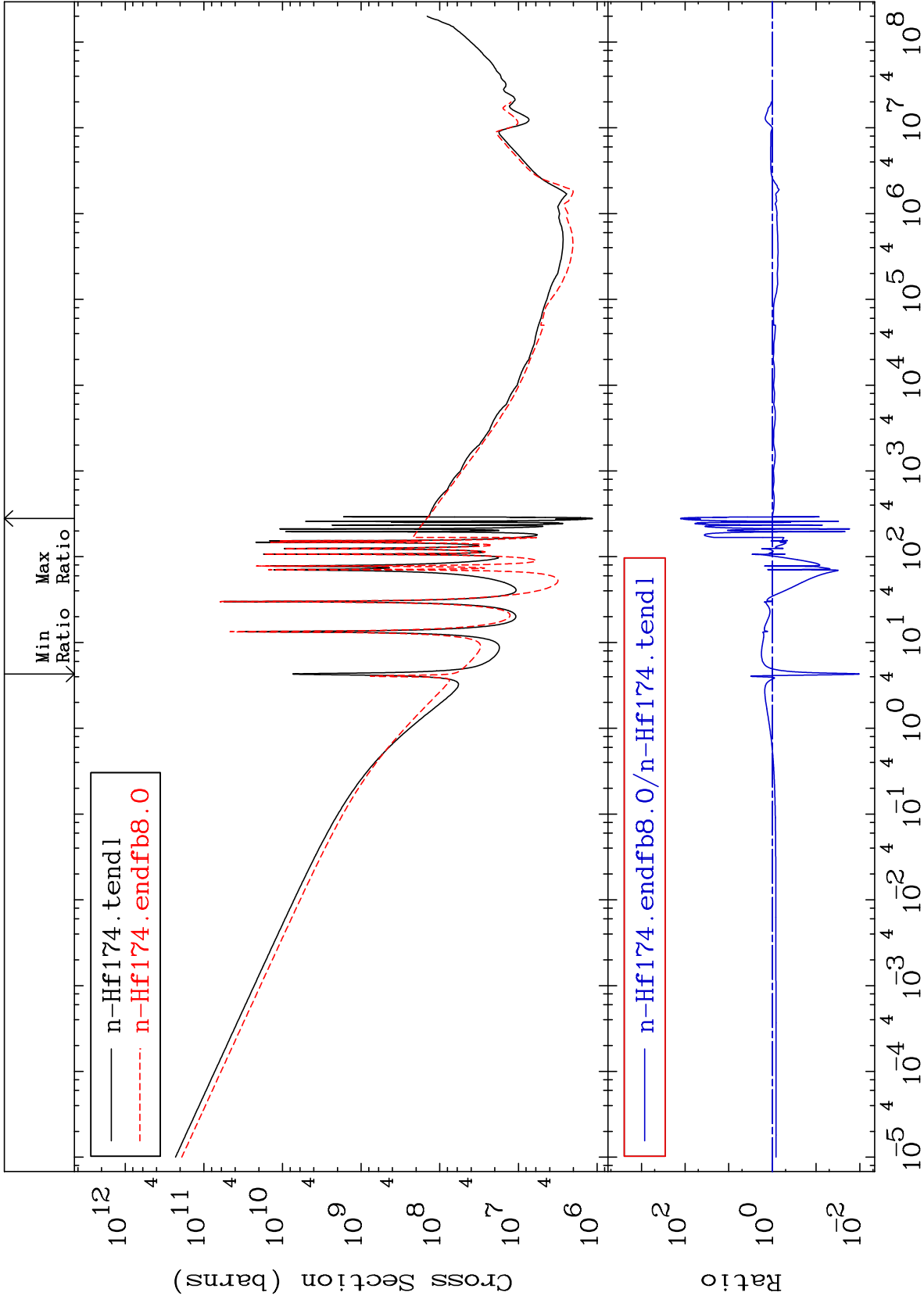
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

72-Hf-174
-3.731 To 133.7 %









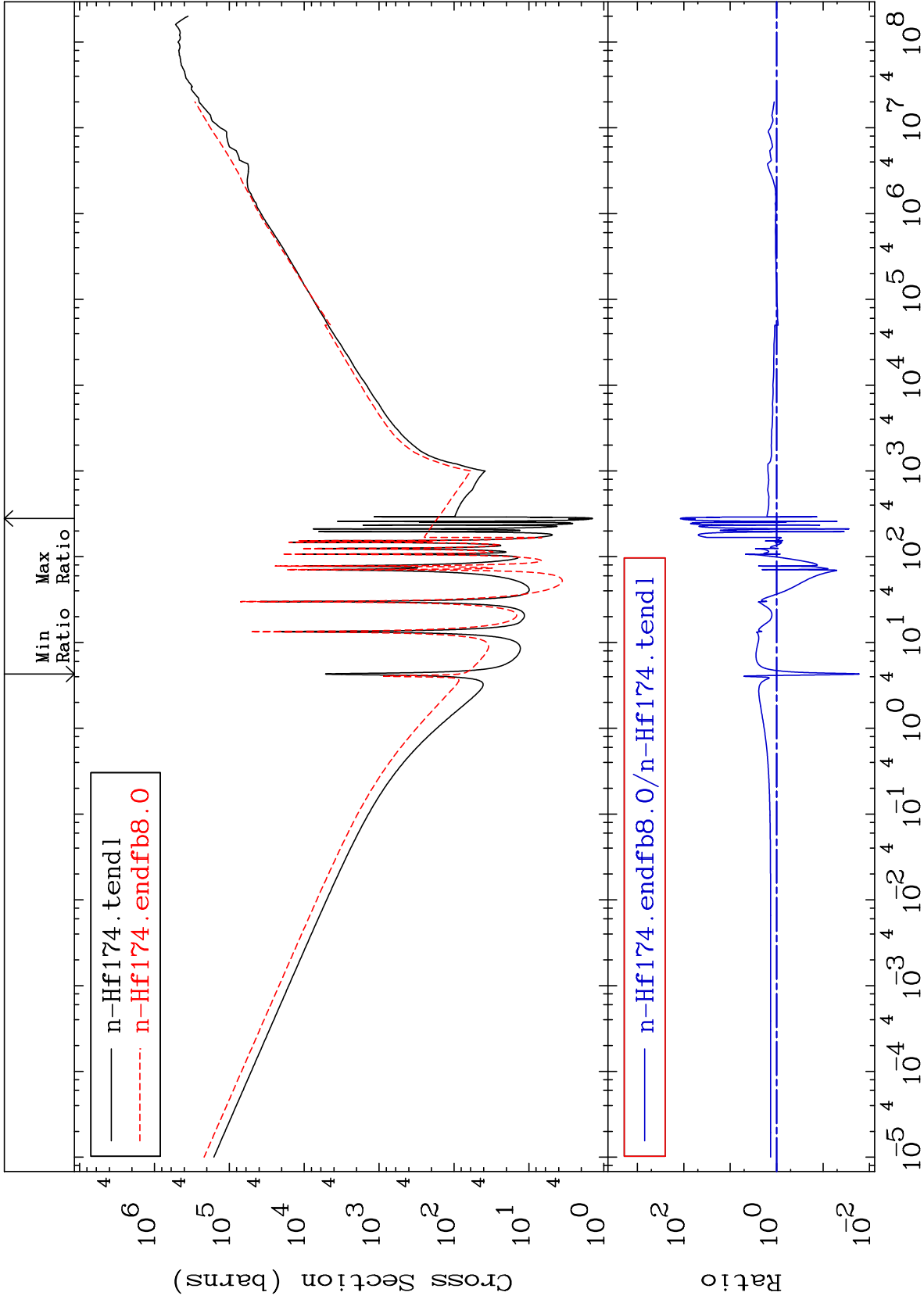
MAT 7225

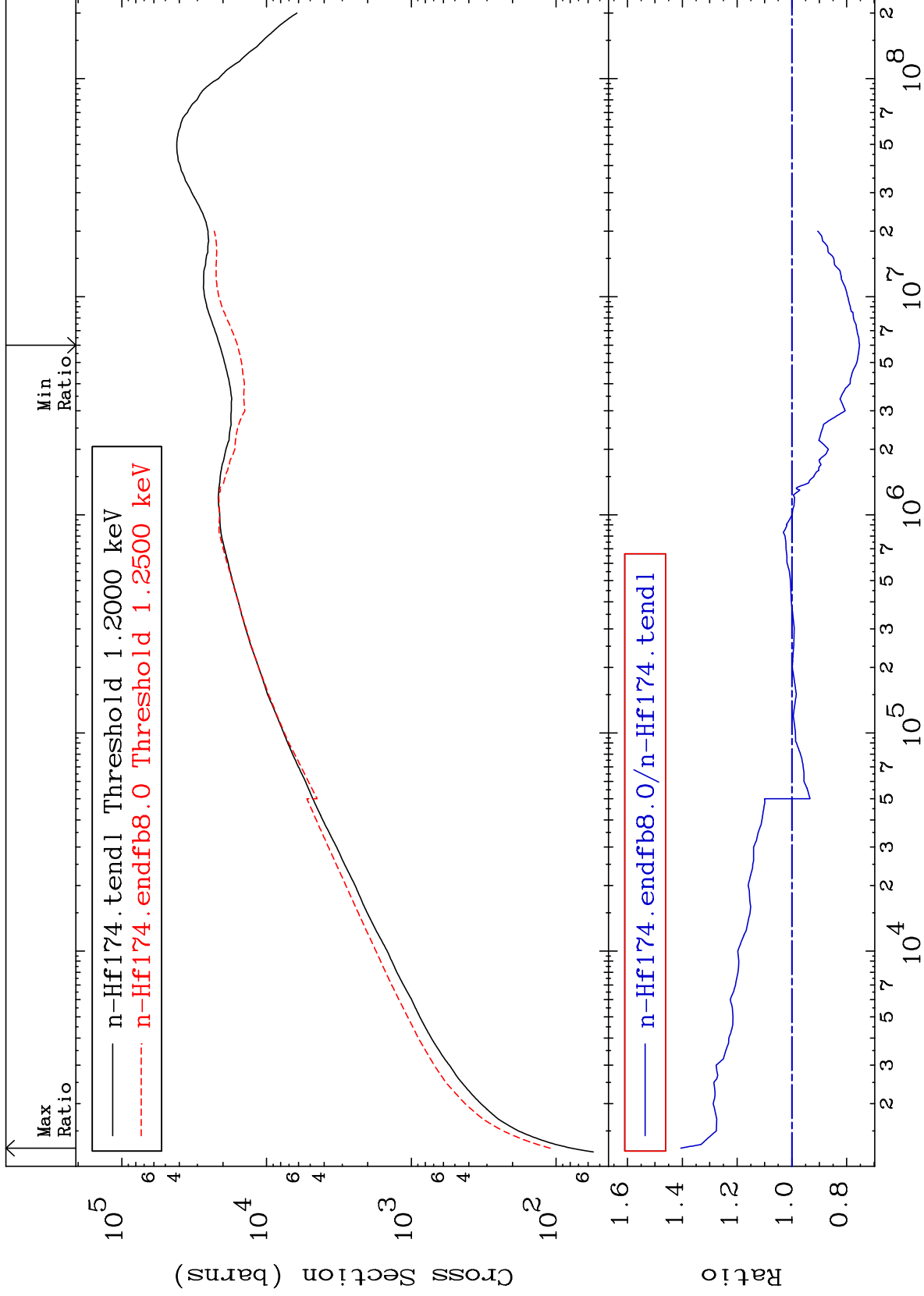
Dpa total (eV-barns)

72-Hf-174

-98.35 To 9999. %

Cross Section





MAT 7225

Dpa inelastic (mt51-91)
Cross Section

72-Hf-174
10.09 To 319.8 %

