

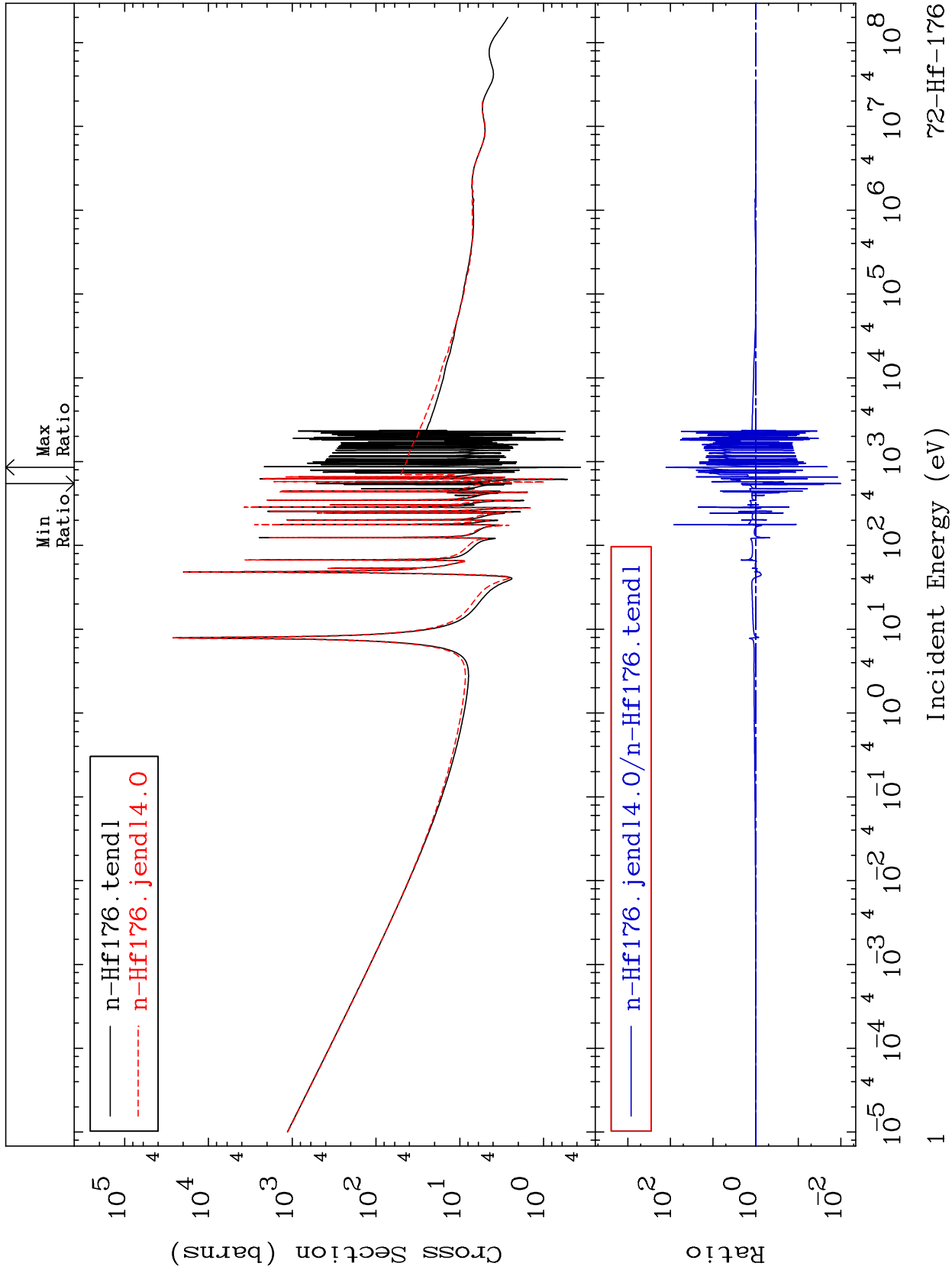
MAT 7231

Total

72-Hf-176

Cross Section

-99.00 To 9999. %



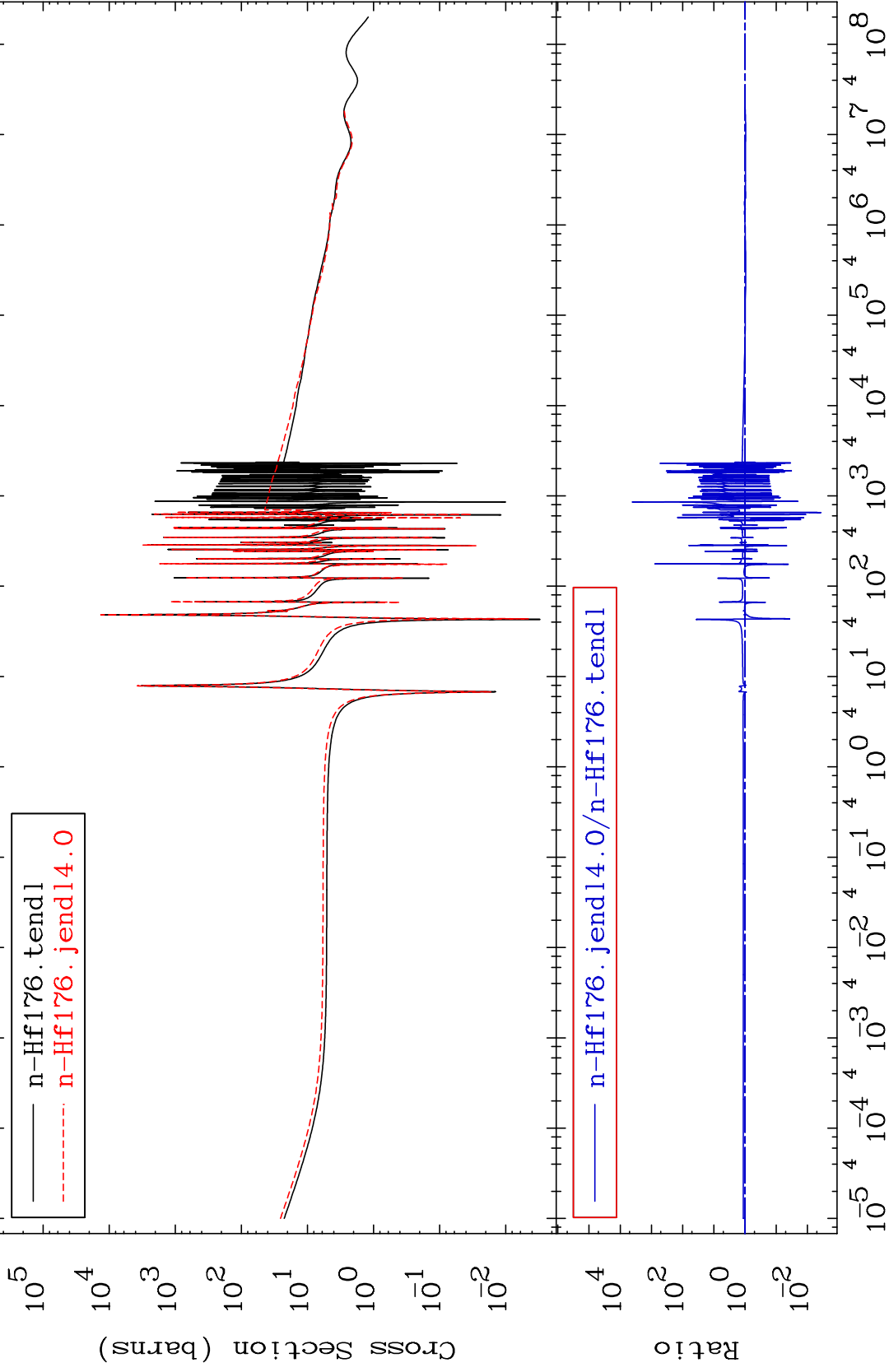
Incident Energy (eV)

72-Hf-176

MAT 7231

Elastic
Cross Section

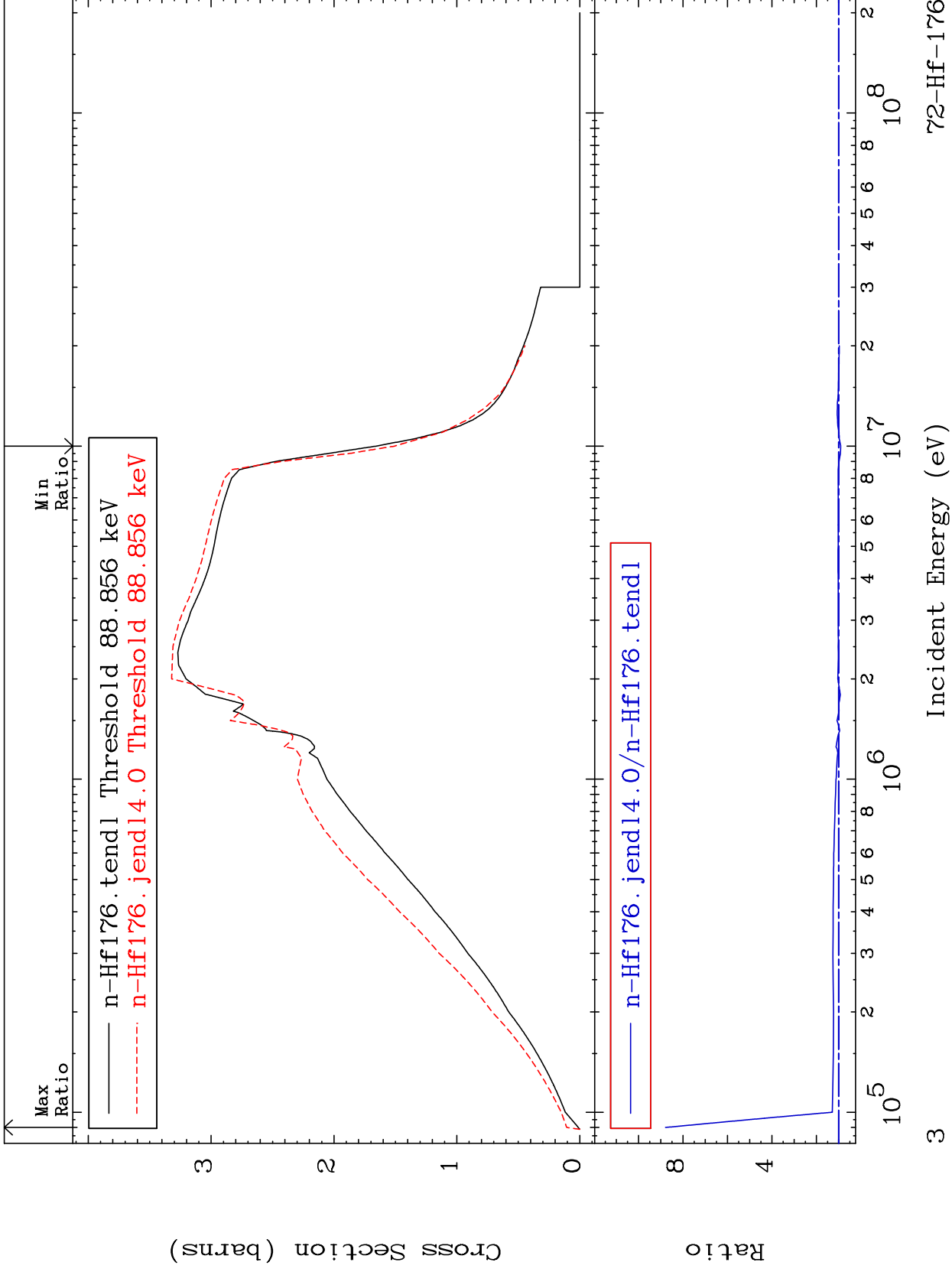
72-Hf-176
-99.63 To 9999. %



MAT 7231

Inelastic
Cross Section

72-Hf-176
-9.085 To 779.0 %



MAT 7231

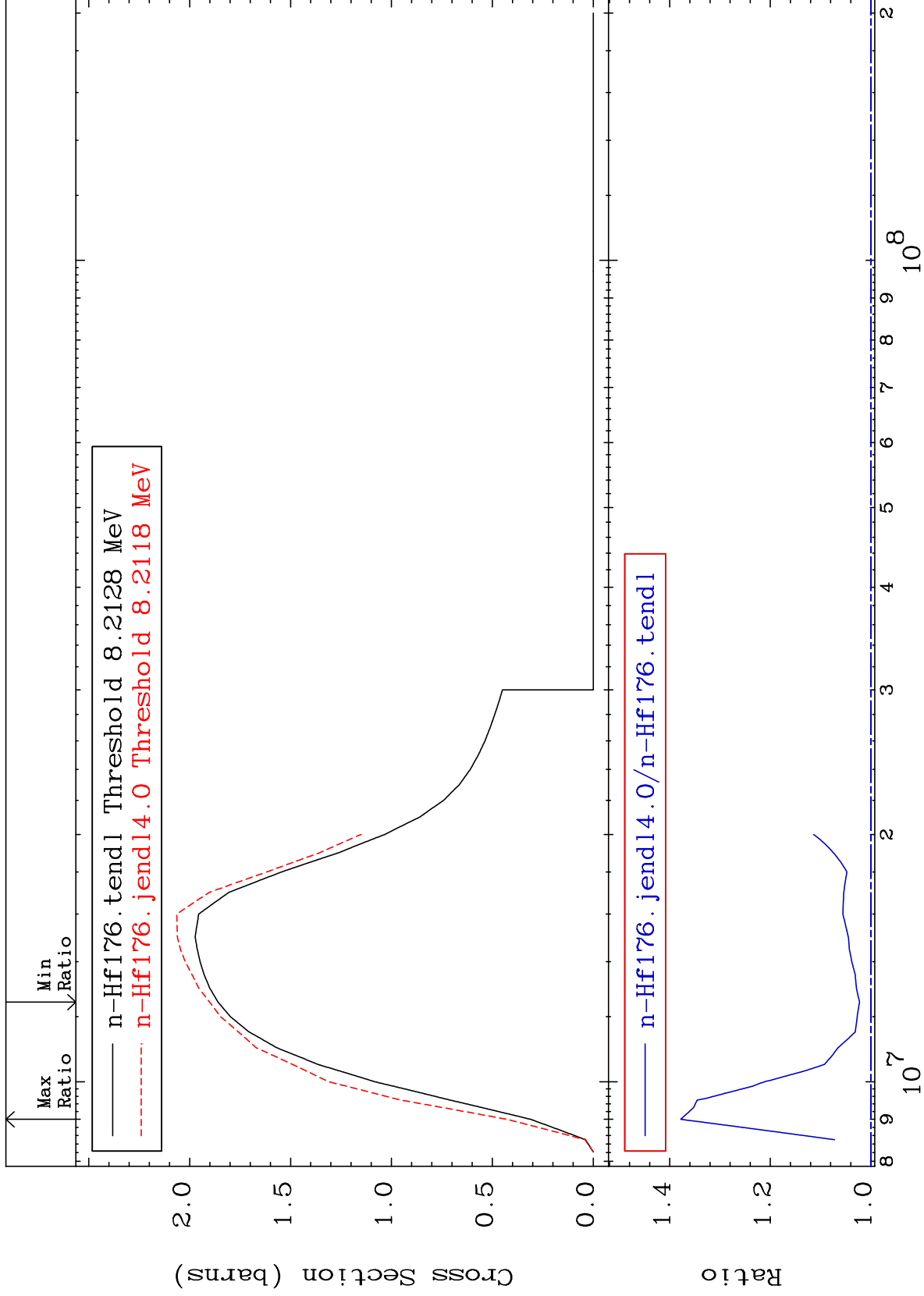
(n,2n)

72-Hf-176

Cross Section

2.248

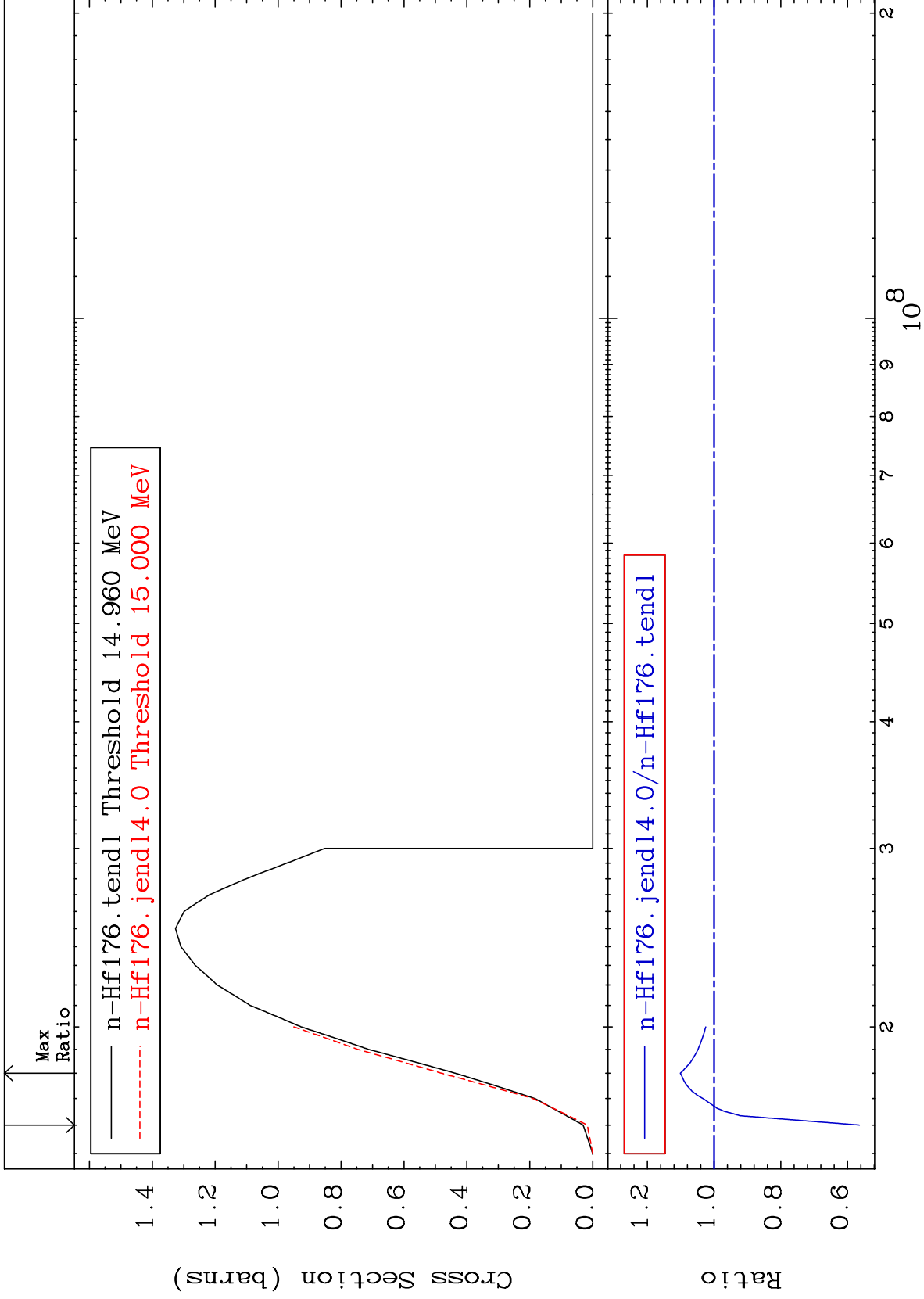
To 37.81 %



4

Incident Energy (eV)

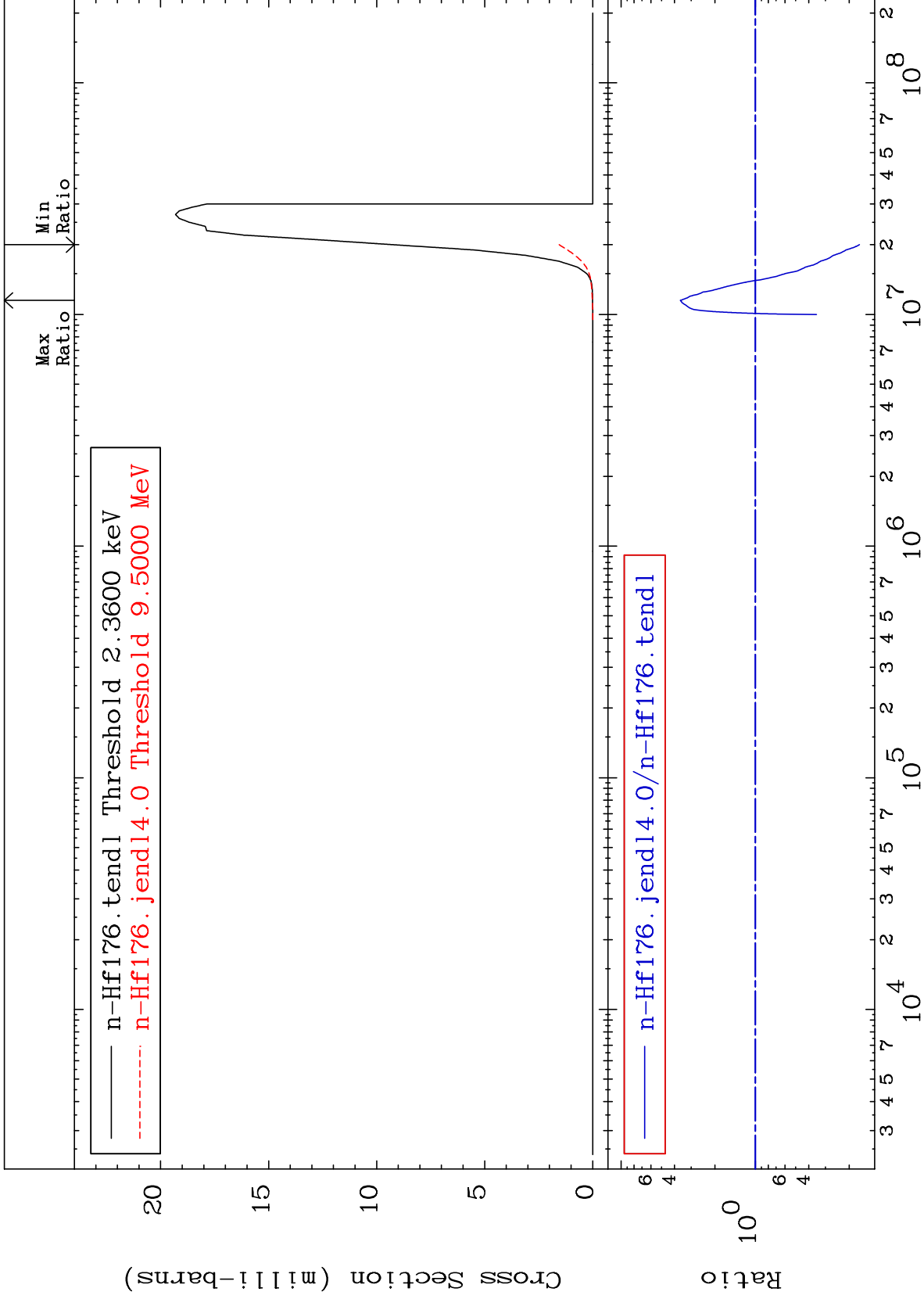
72-Hf-176



MAT 7231

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

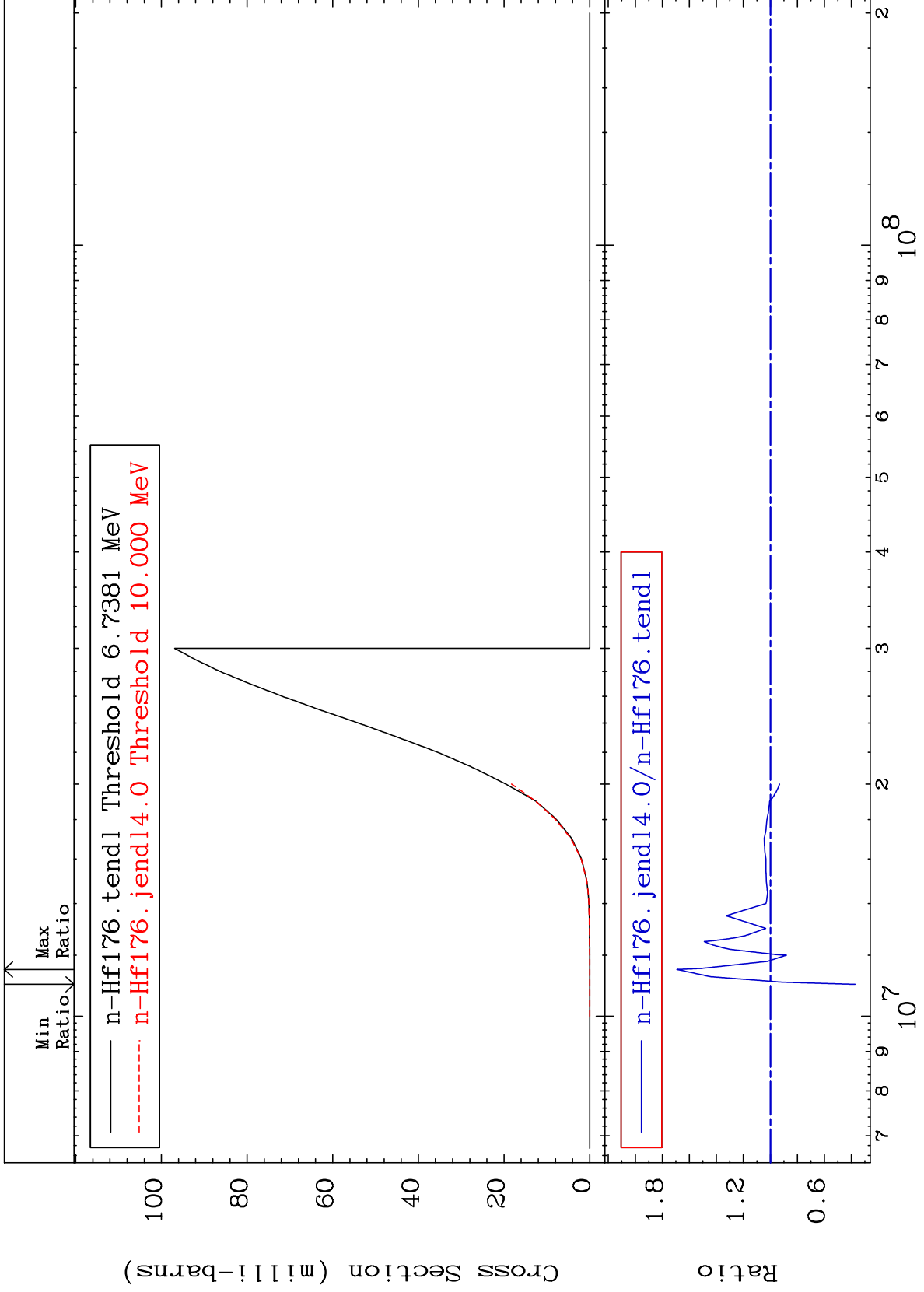
72-Hf-176
-83.24 To 261.7 %



MAT 7231

(n,n') p
Cross Section

72-Hf-176
-62.72 To 69.18 %



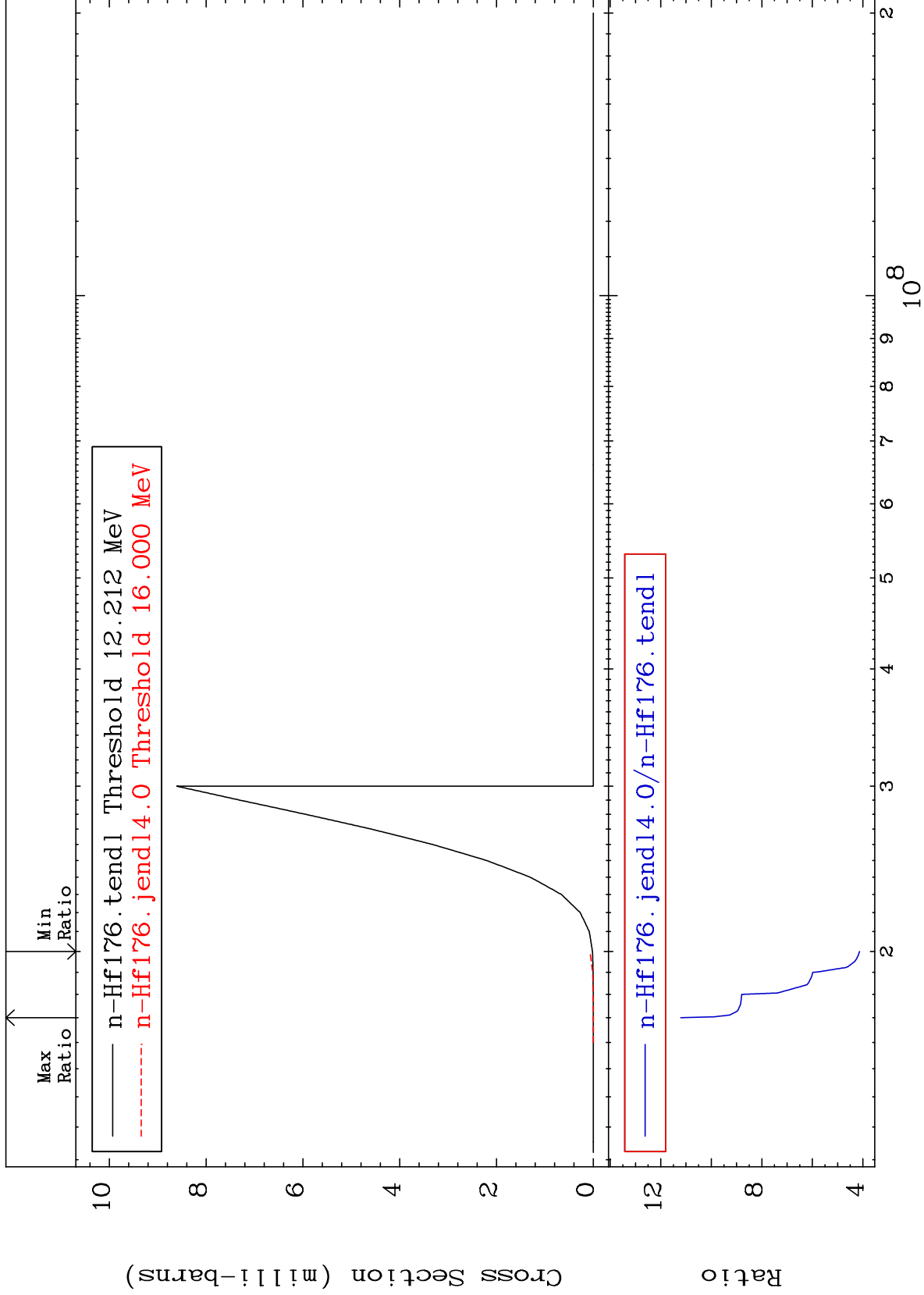
7

Incident Energy (eV)

72-Hf-176

Cross Section

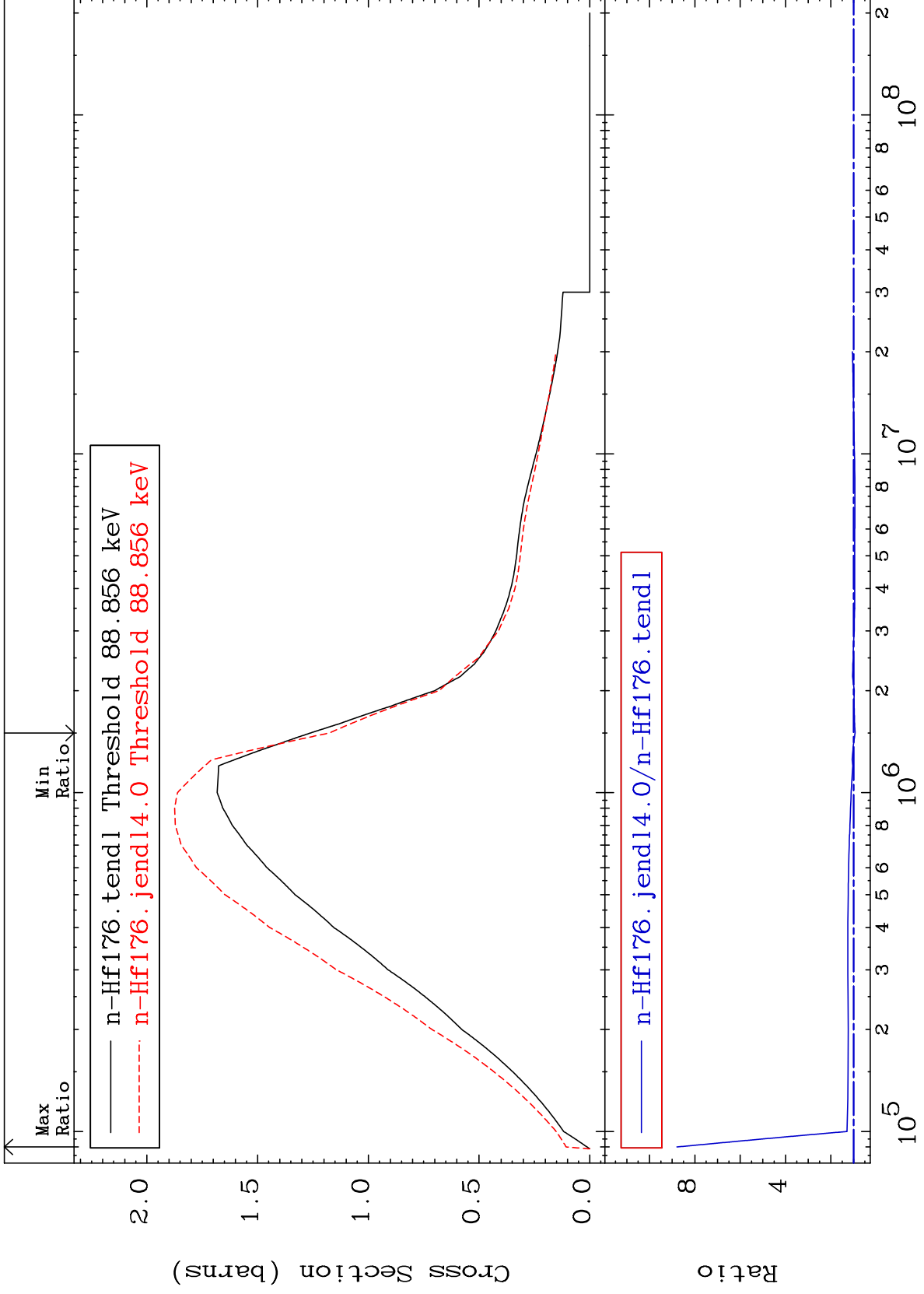
313.2 To 1021. %



MAT 7231

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

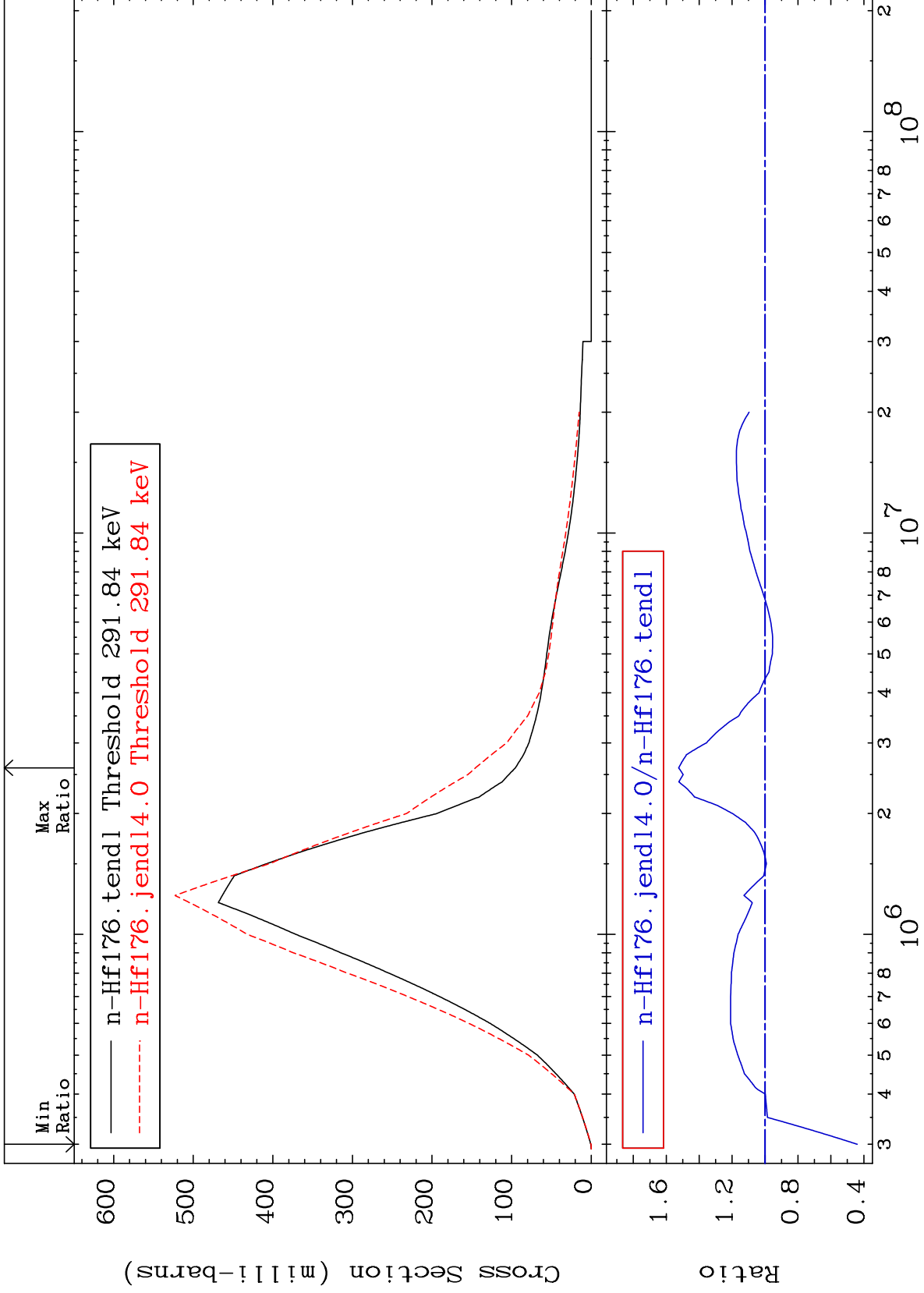
72-Hf-176
-6.755 To 779.0 %



MAT 7231

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

72-Hf-176
-56.02 To 52.48 %



10

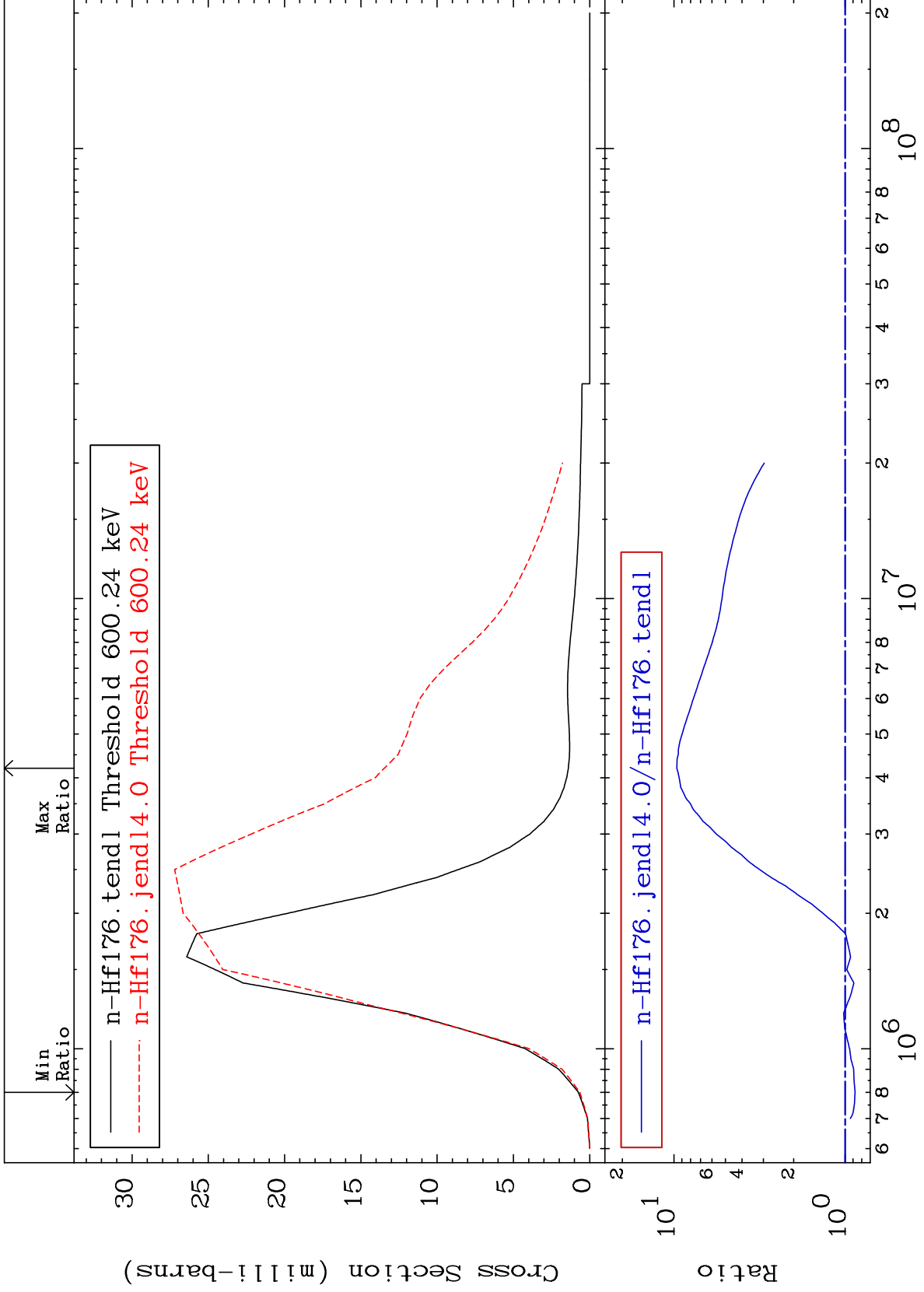
Incident Energy (eV)

72-Hf-176

MAT 7231

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

72-Hf-176
-12.47 To 860.6 %



11

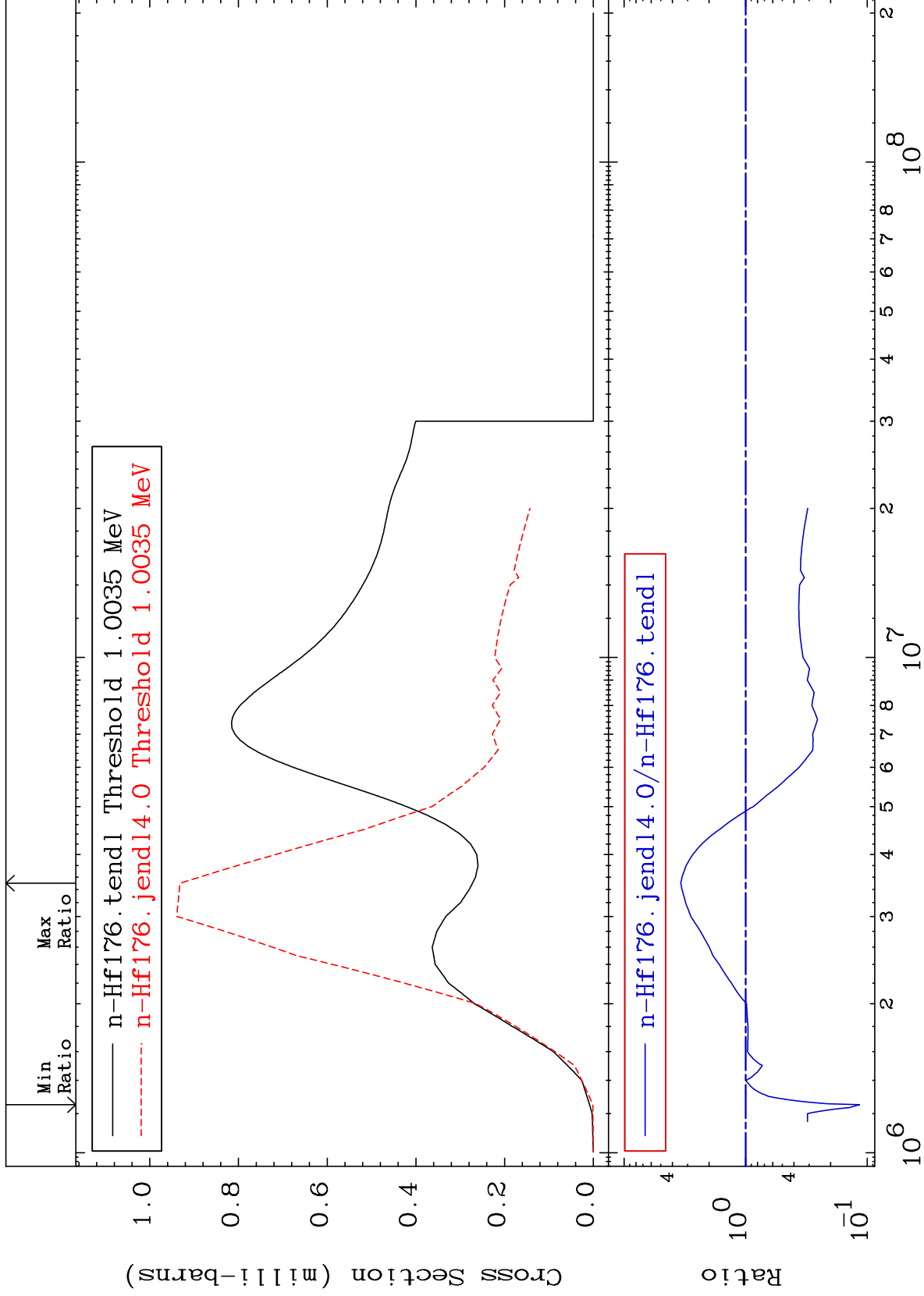
Incident Energy (eV)

72-Hf-176

MAT 7231

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

72-Hf-176
-88.43 To 241.9 %



12

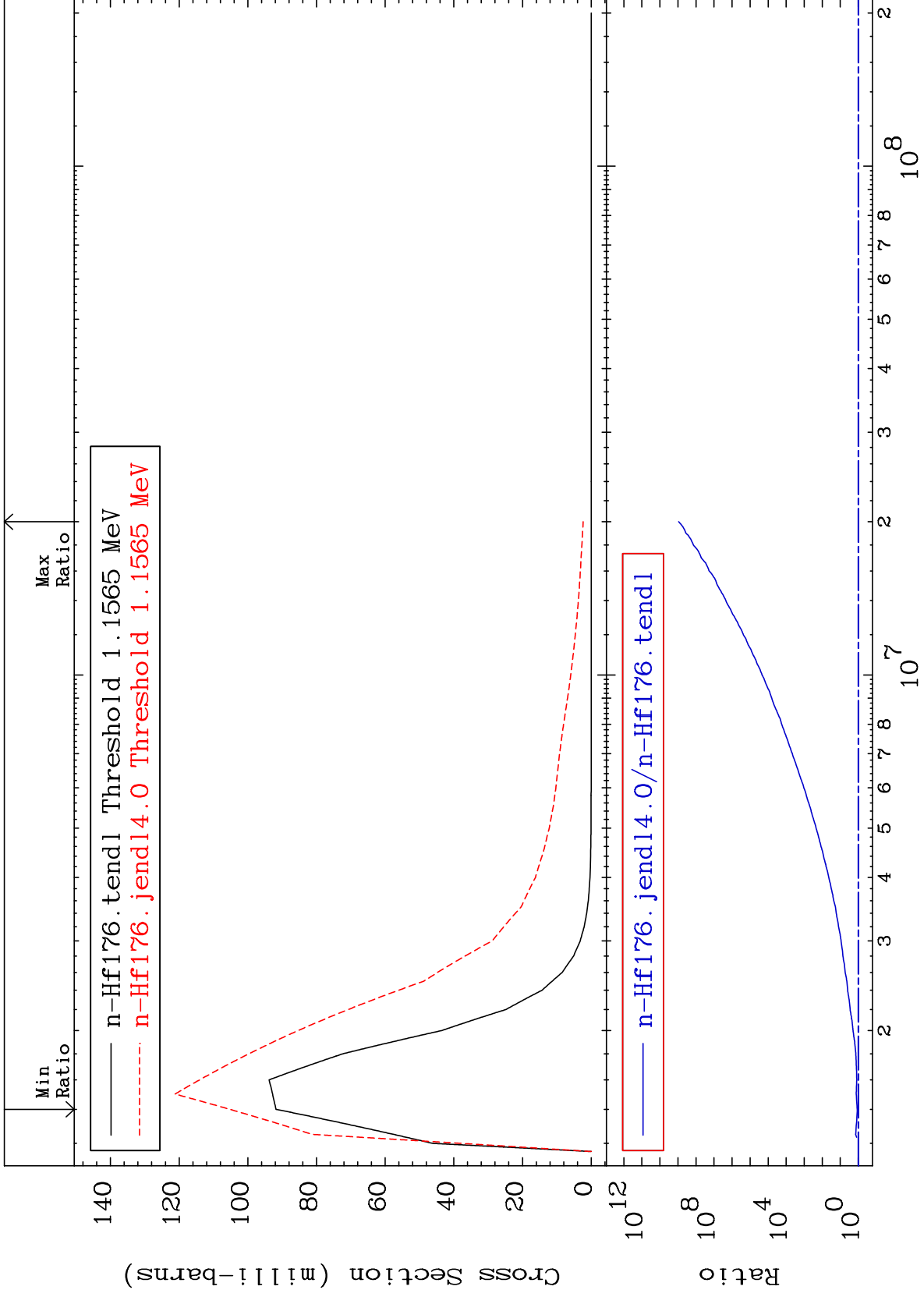
Incident Energy (eV)

72-Hf-176

MAT 7231

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

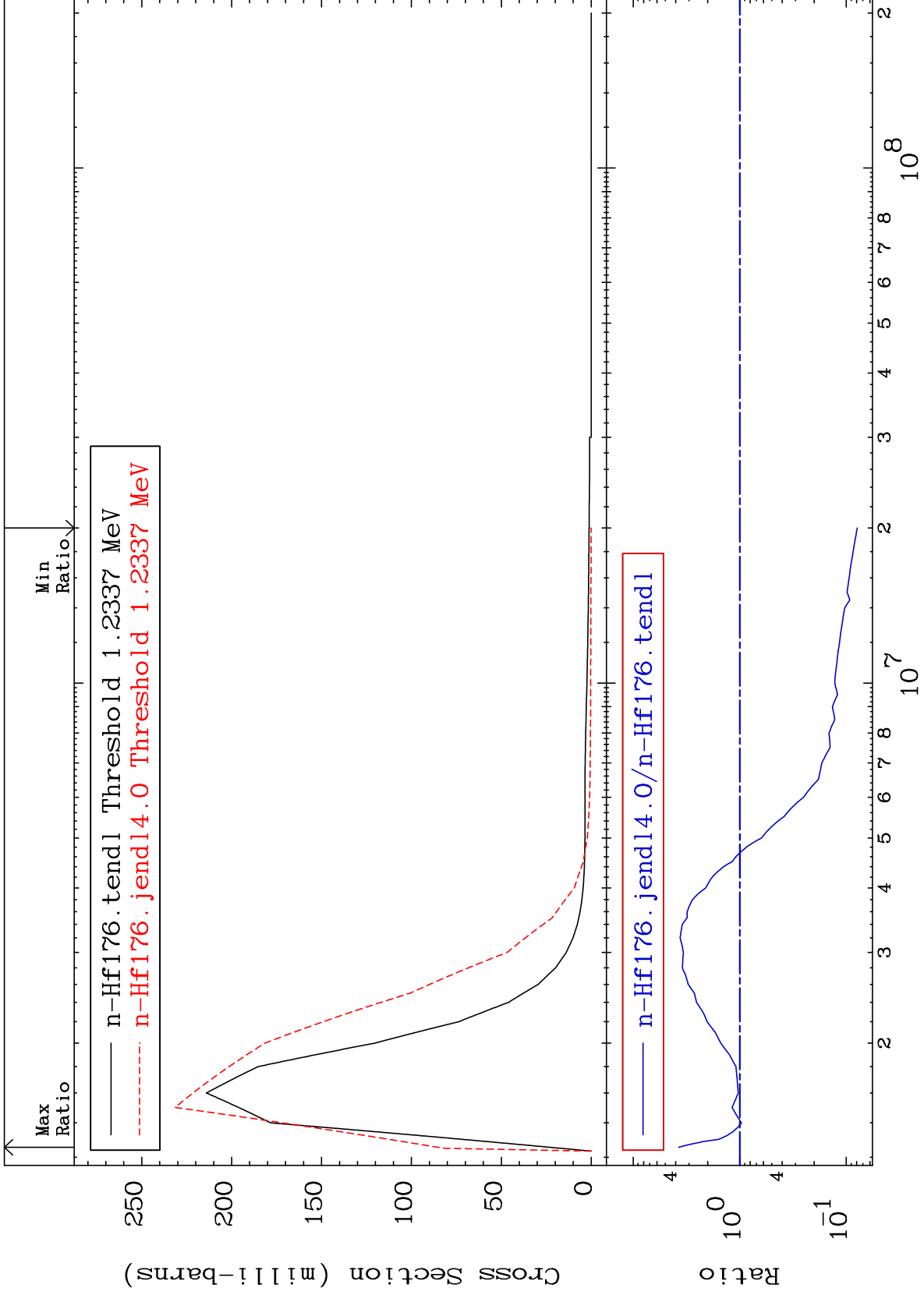
72-Hf-176
14.64 To 9999. %



MAT 7231

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

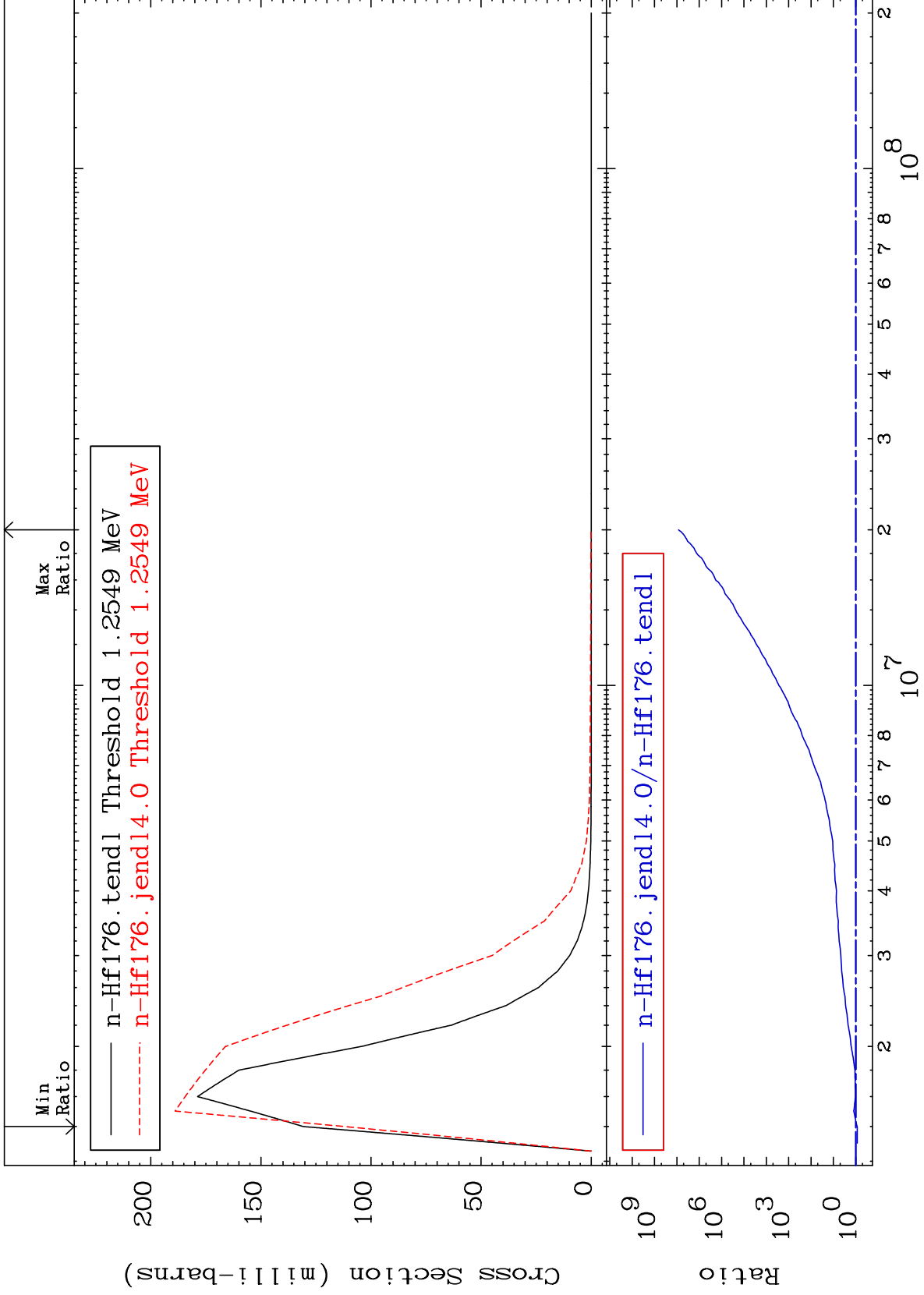
72-Hf-176
-92.10 To 275.0 %



MAT 7231

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

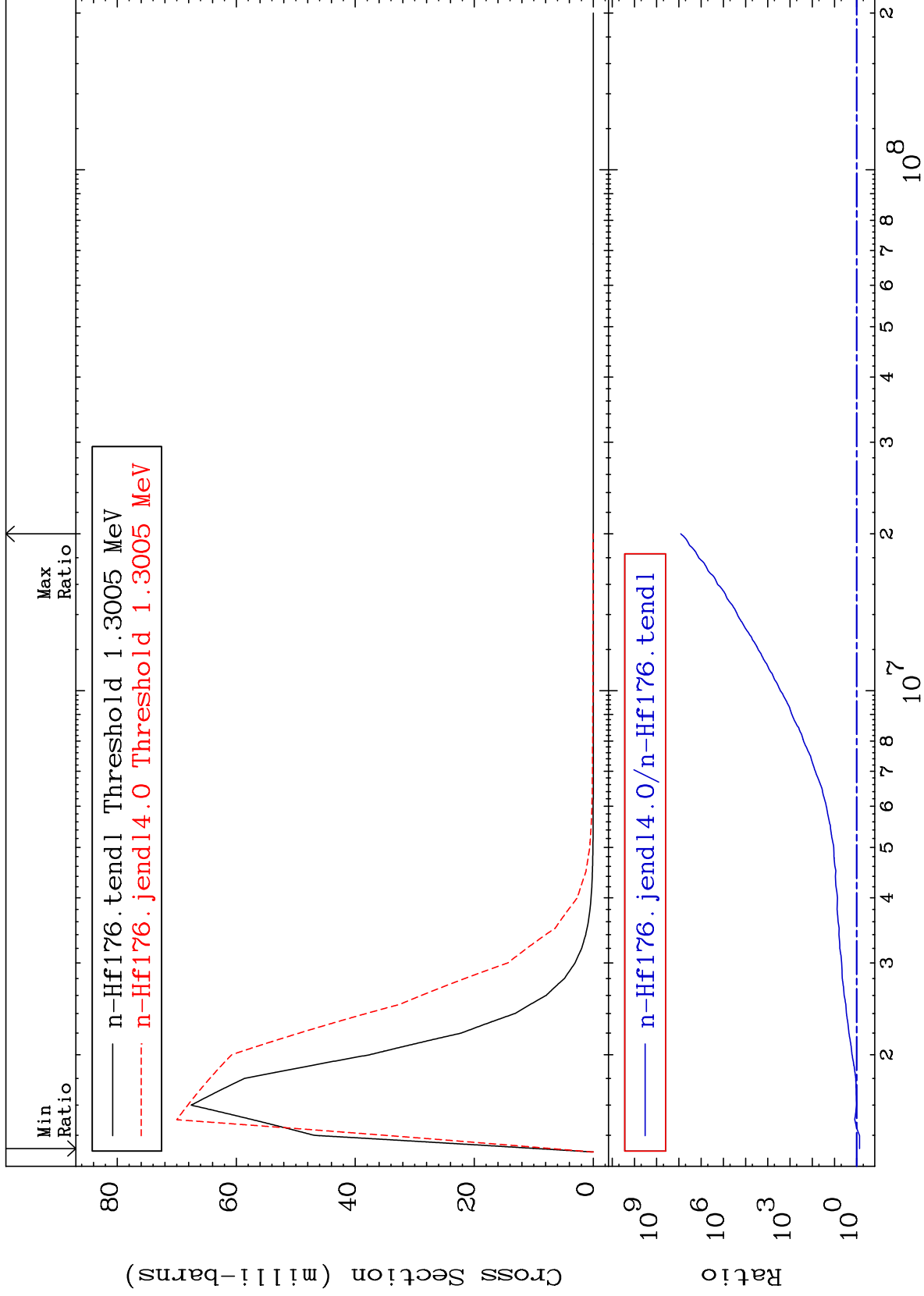
72-Hf-176
-14.39 To 9999. %



MAT 7231

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

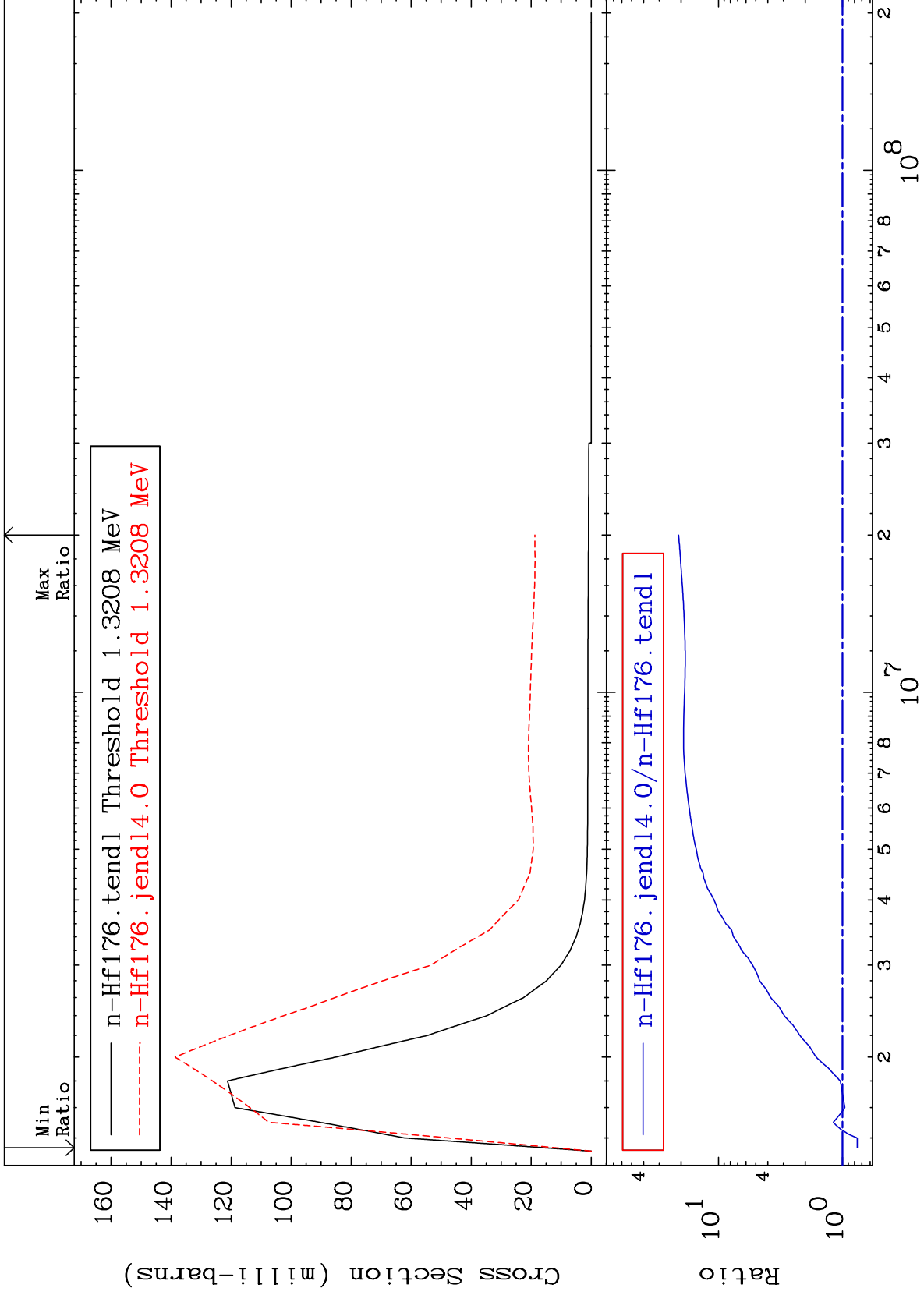
72-Hf-176
-25.55 To 9999. %



MAT 7231

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

72-Hf-176
-23.88 To 1993. %



17

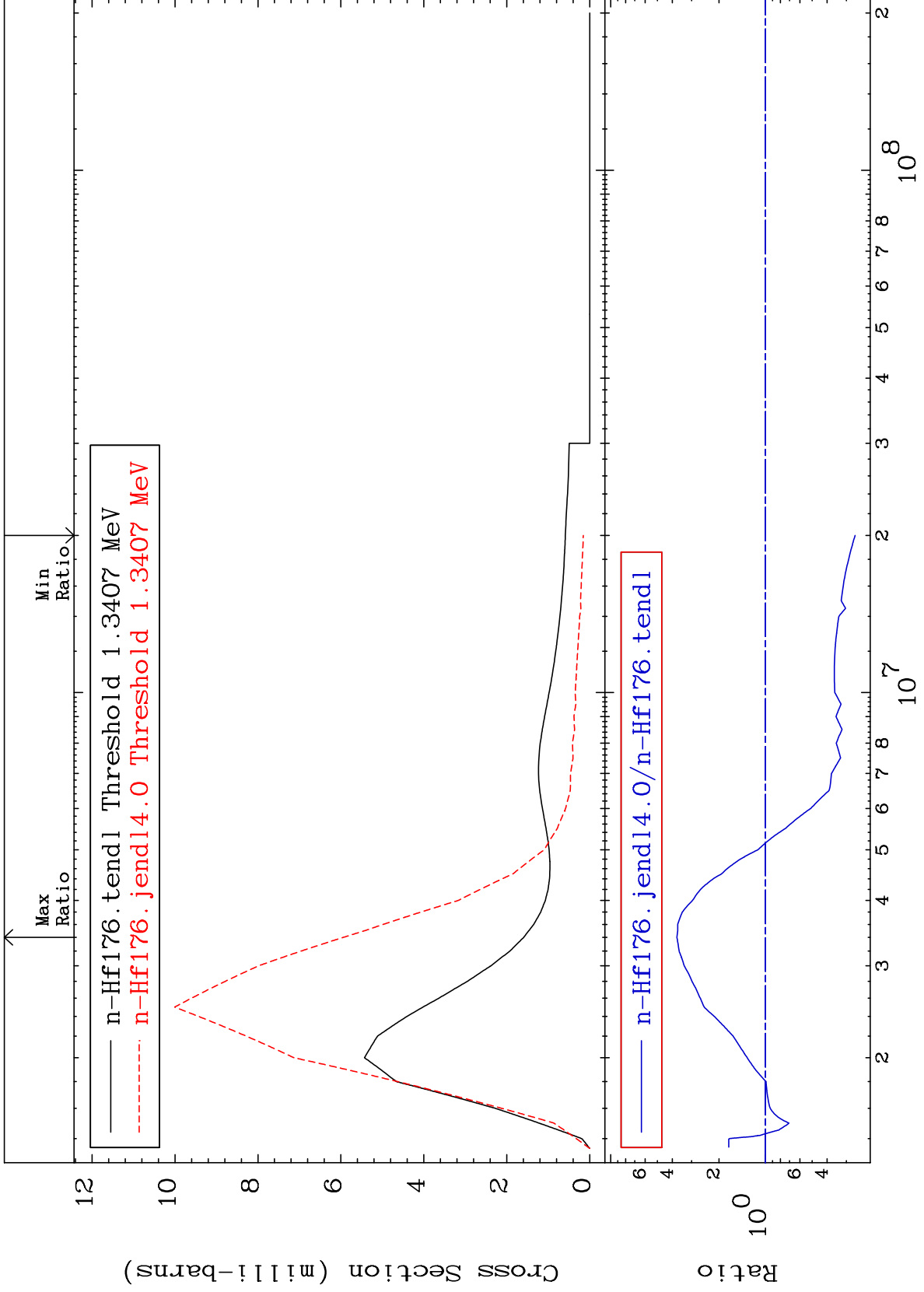
Incident Energy (eV)

72-Hf-176

MAT 7231

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

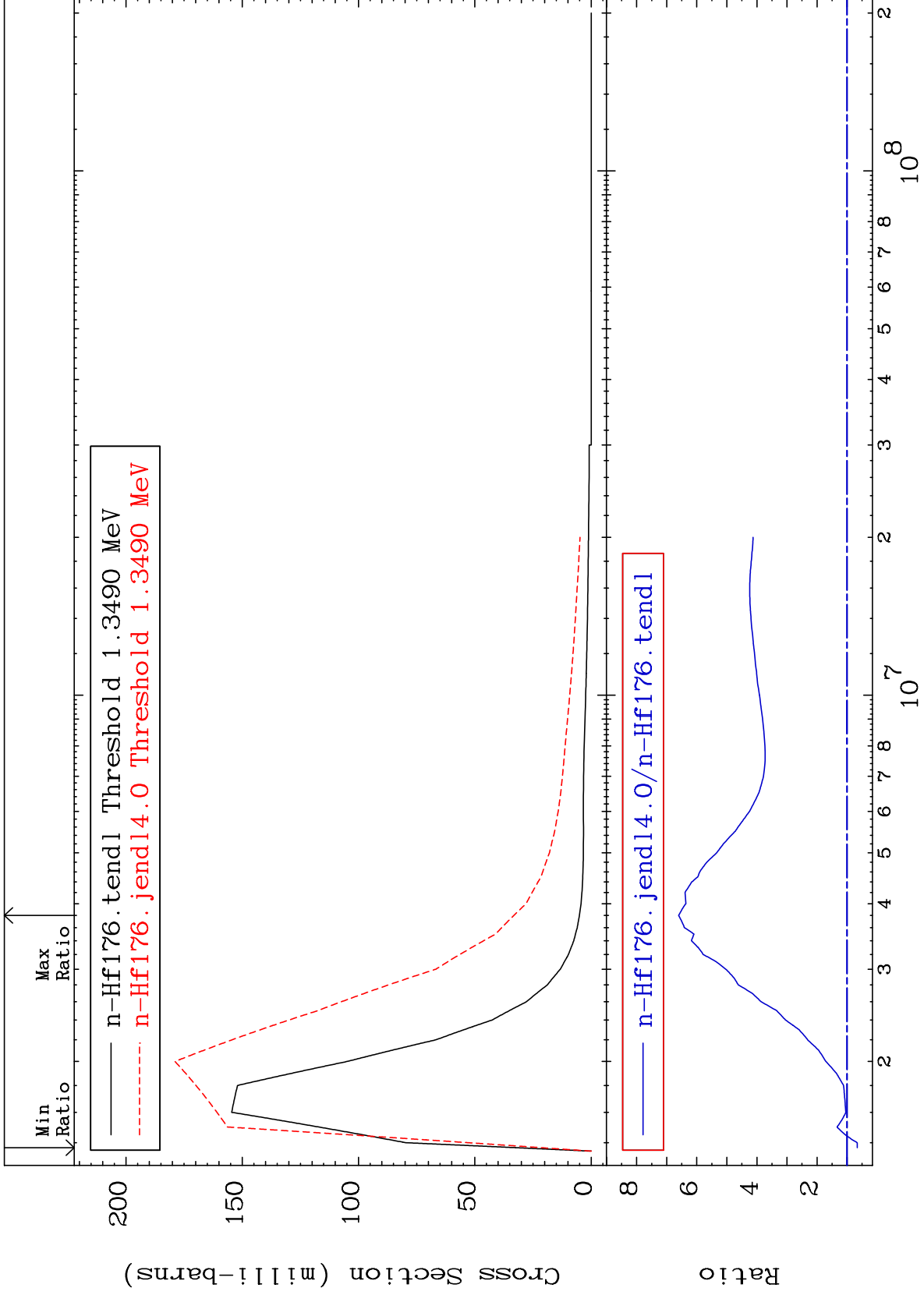
72-Hf-176
-73.64 To 273.5 %



MAT 7231

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

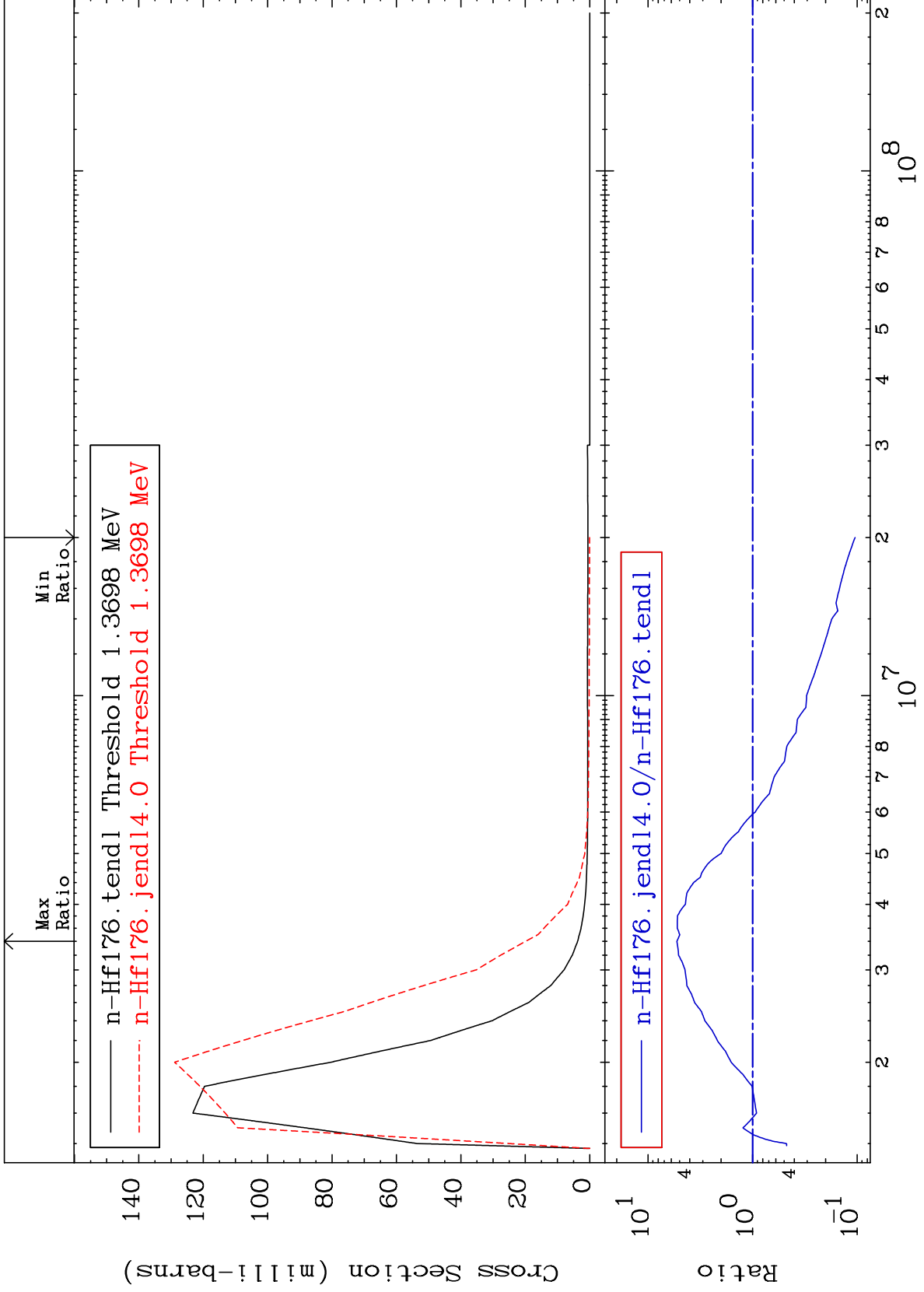
72-Hf-176
-33.76 To 560.3 %



MAT 7231

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

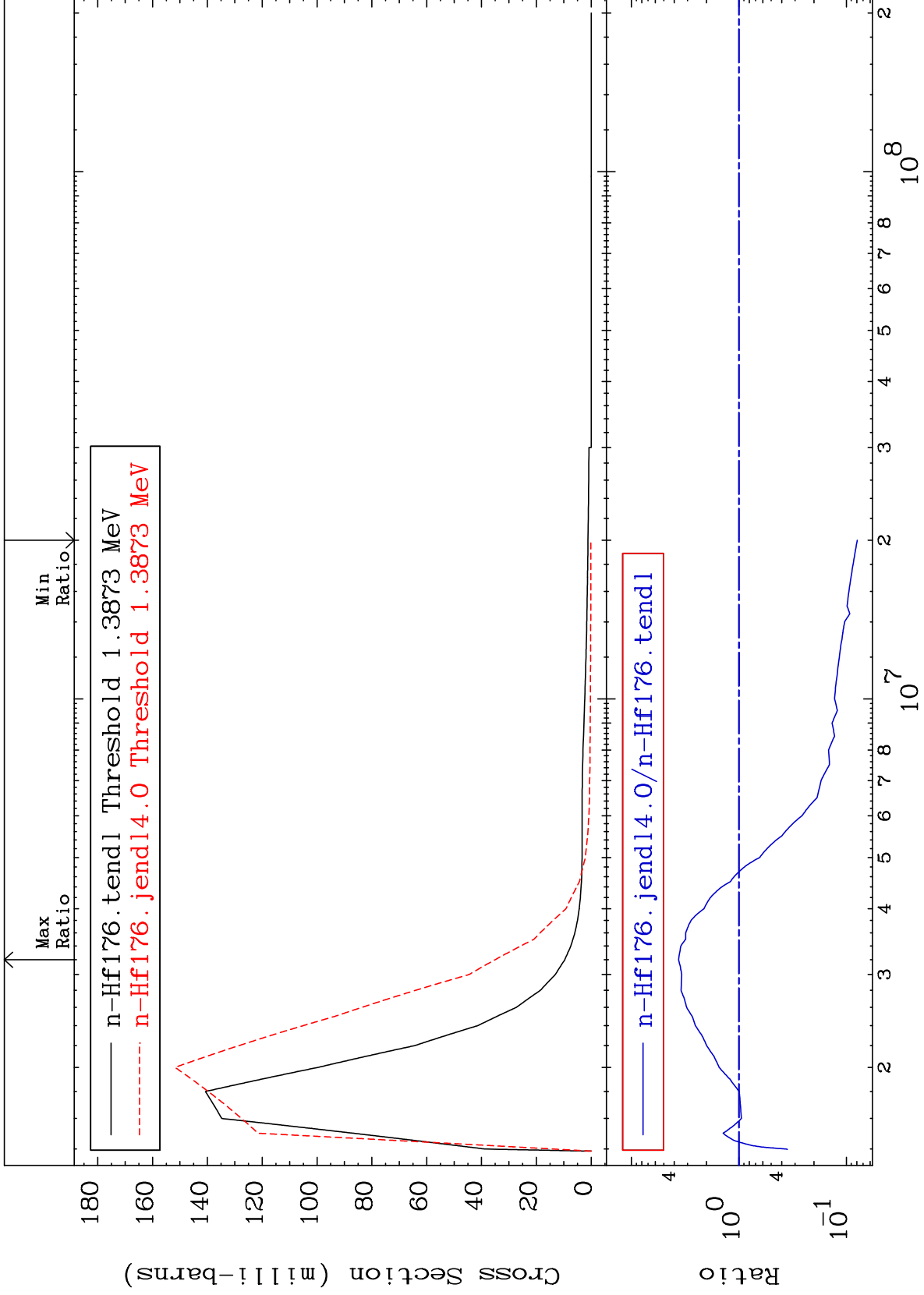
72-Hf-176
-89.54 To 430.1 %



MAT 7231

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

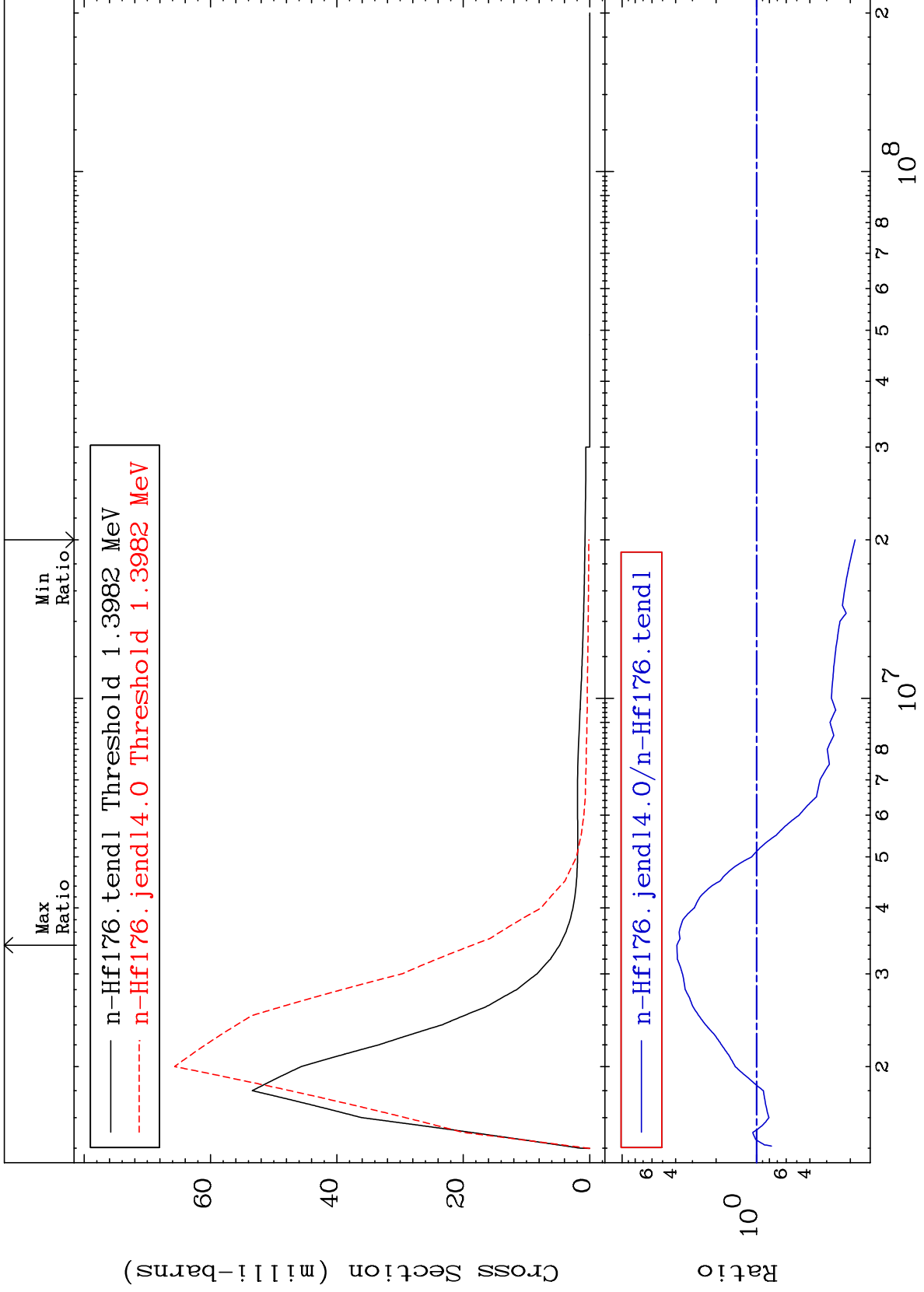
72-Hf-176
-92.08 To 263.7 %



MAT 7231

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

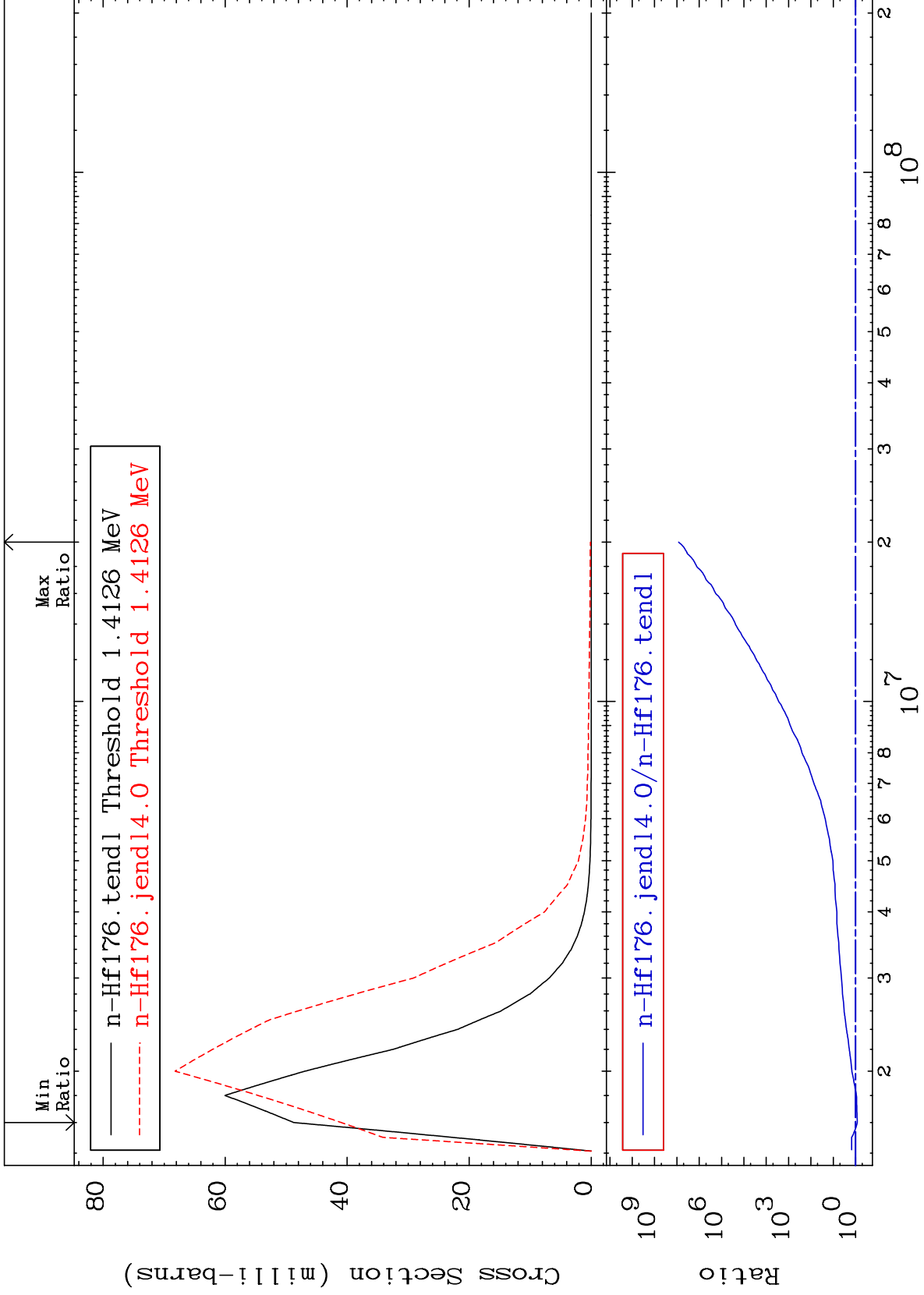
72-Hf-176
-81.57 To 291.3 %



MAT 7231

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

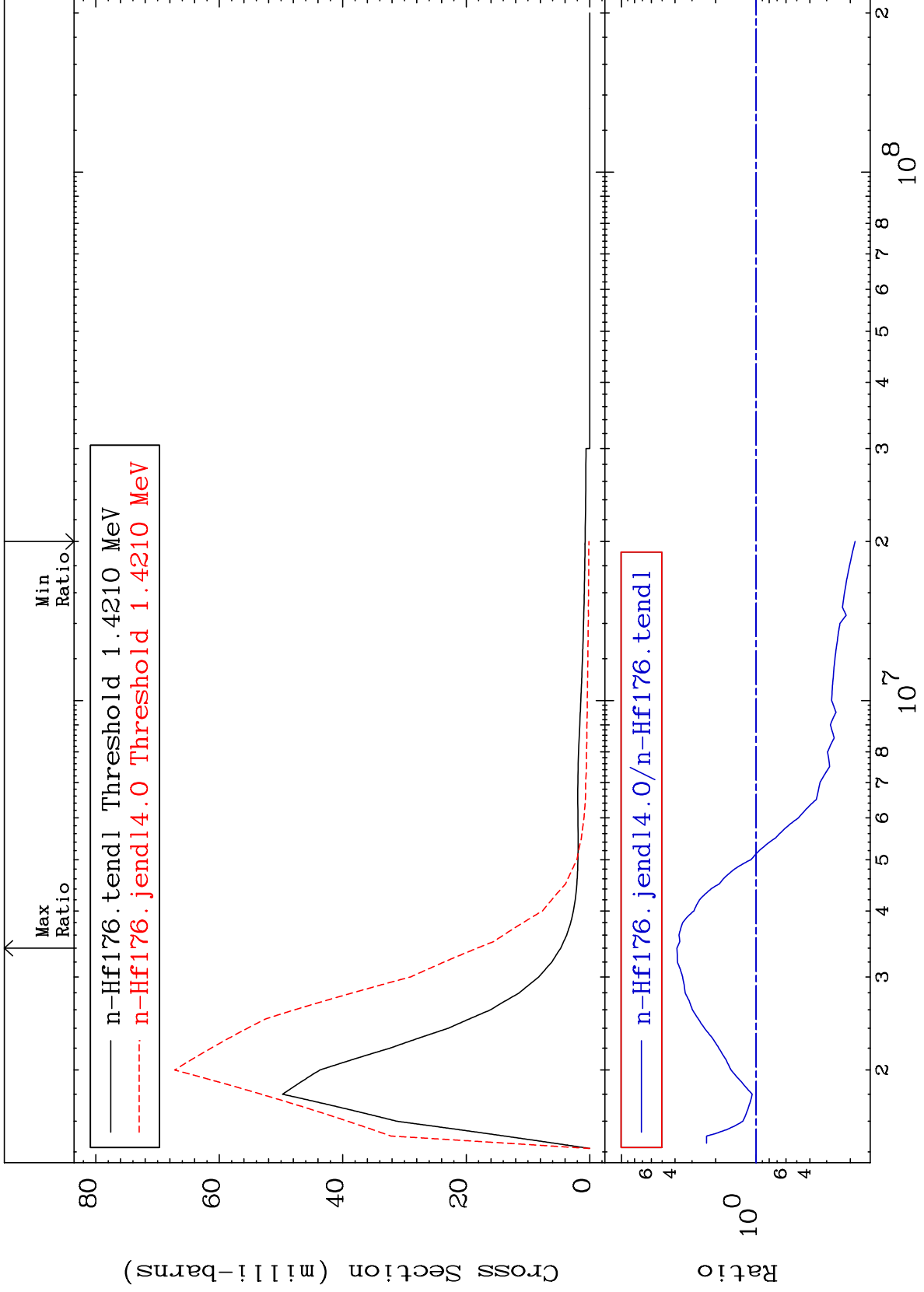
72-Hf-176
-16.00 To 9999. %



MAT 7231

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

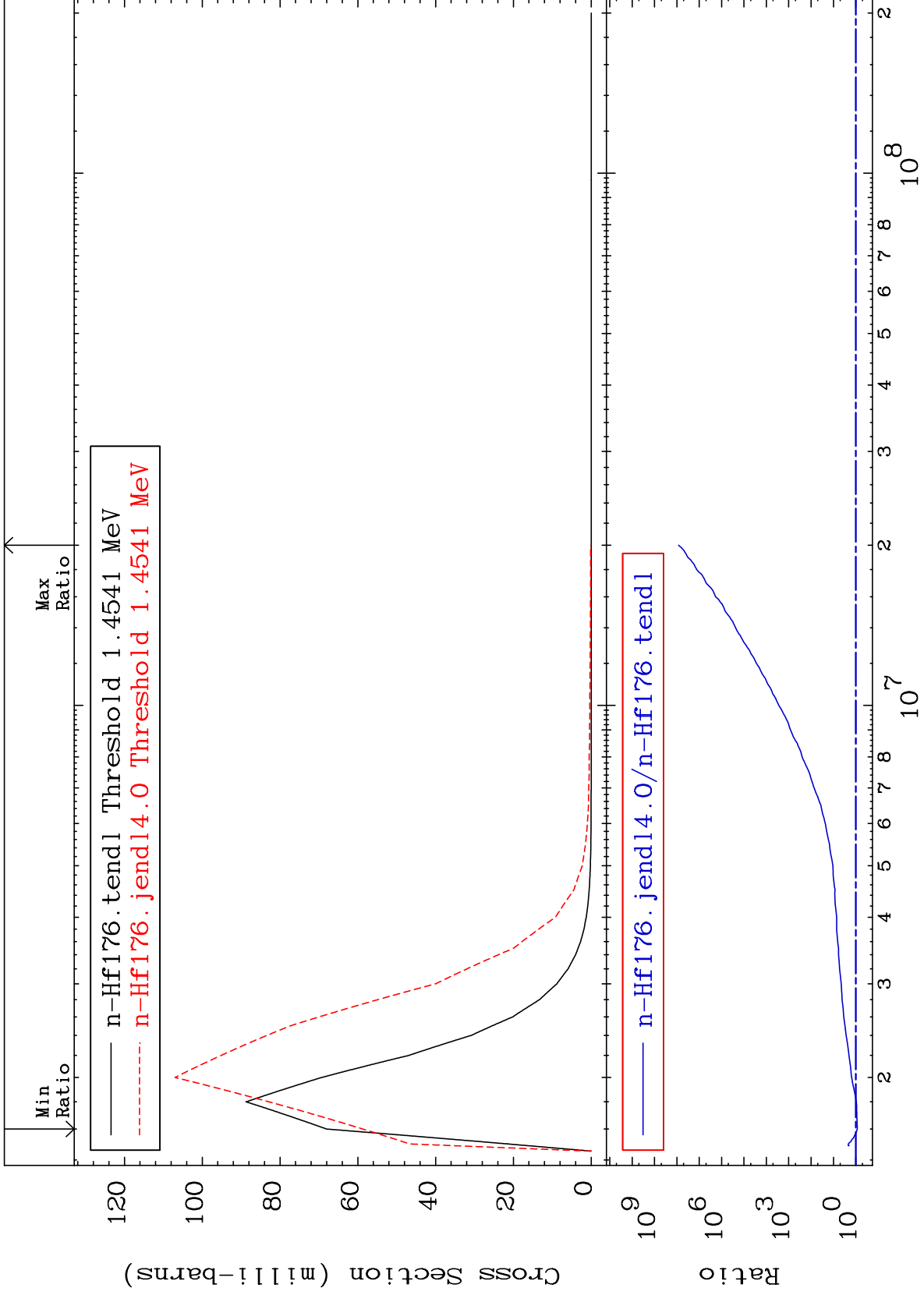
72-Hf-176
-81.56 To 287.8 %

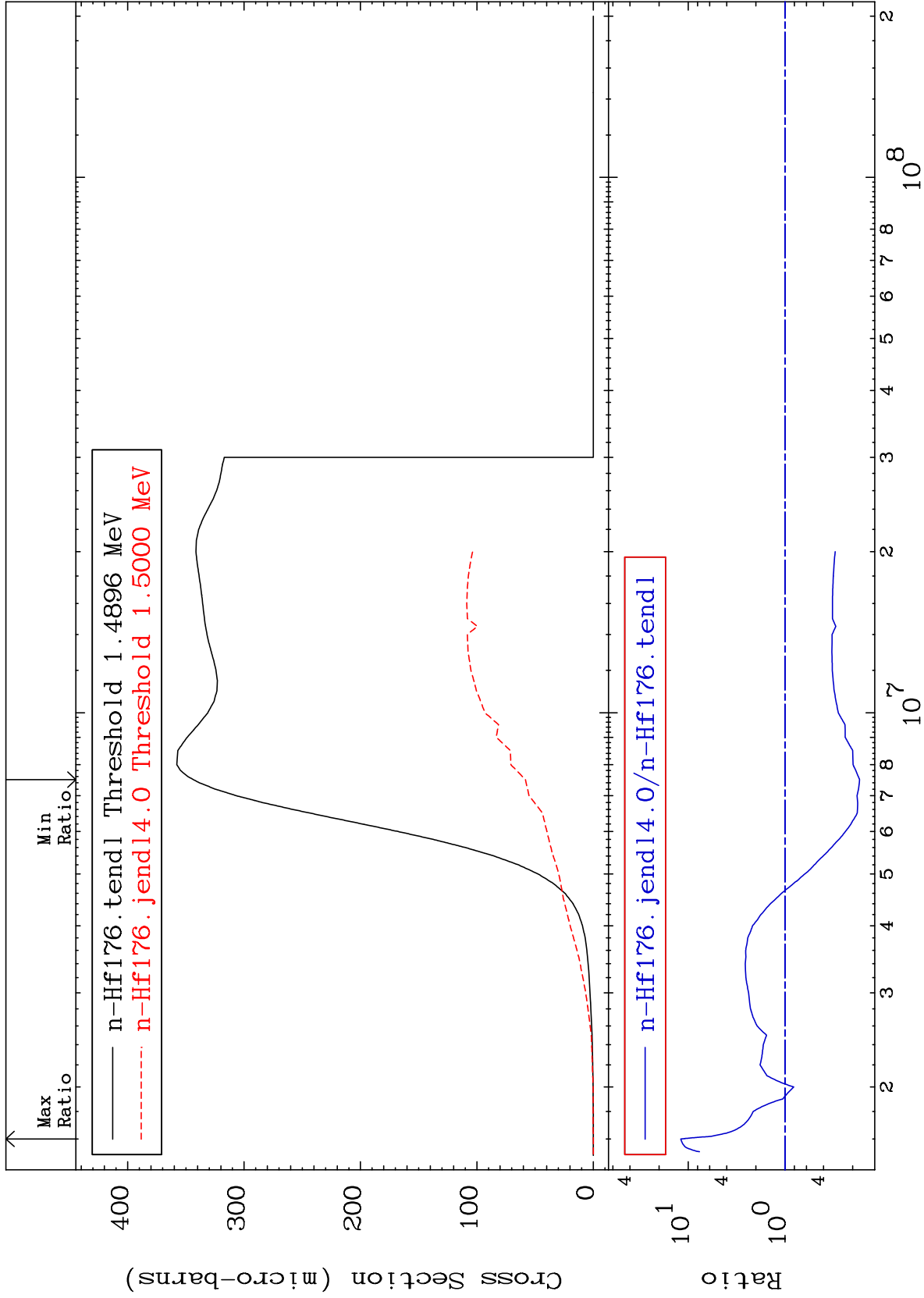


MAT 7231

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

72-Hf-176
-13.74 To 9999. %

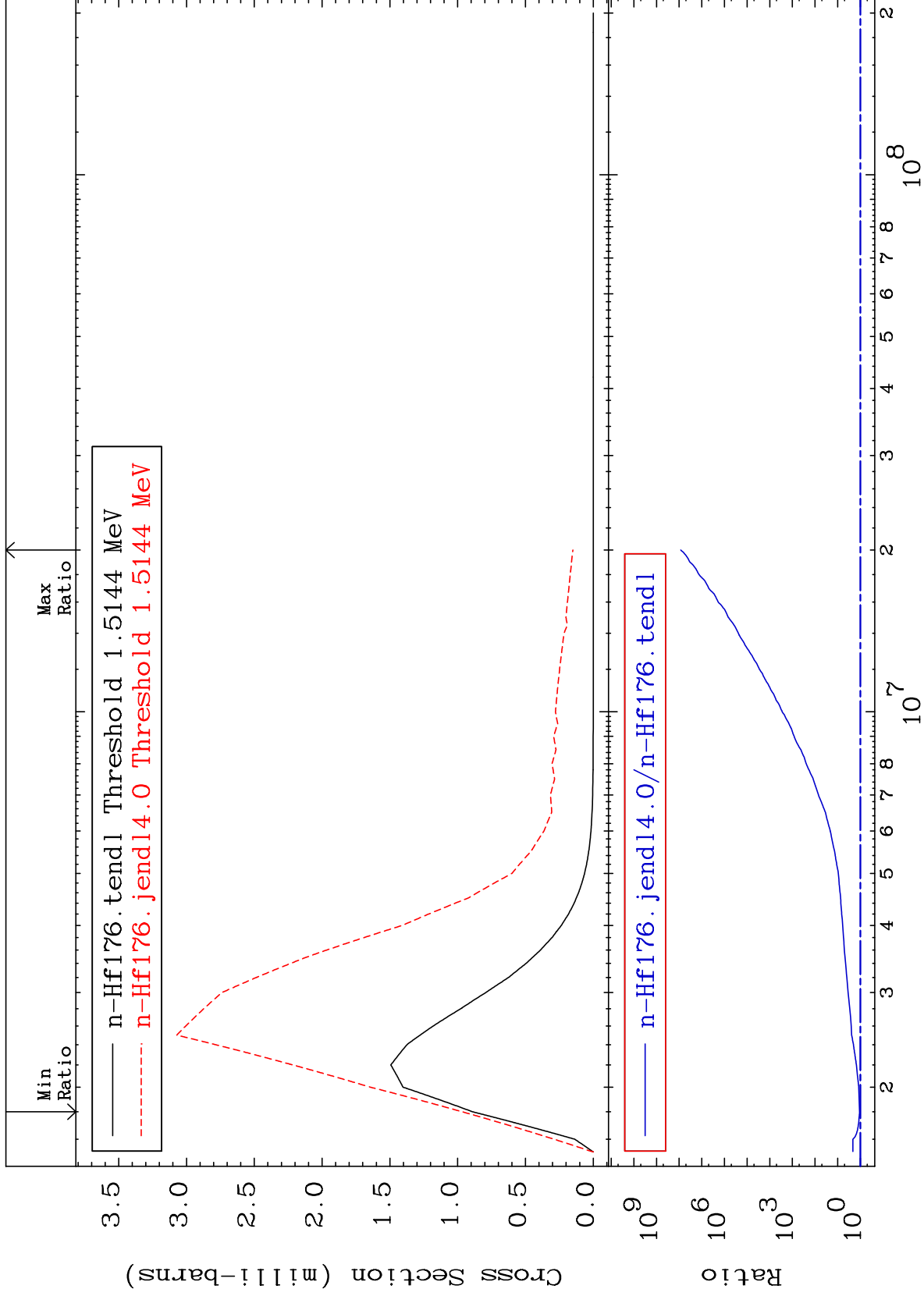




MAT 7231

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

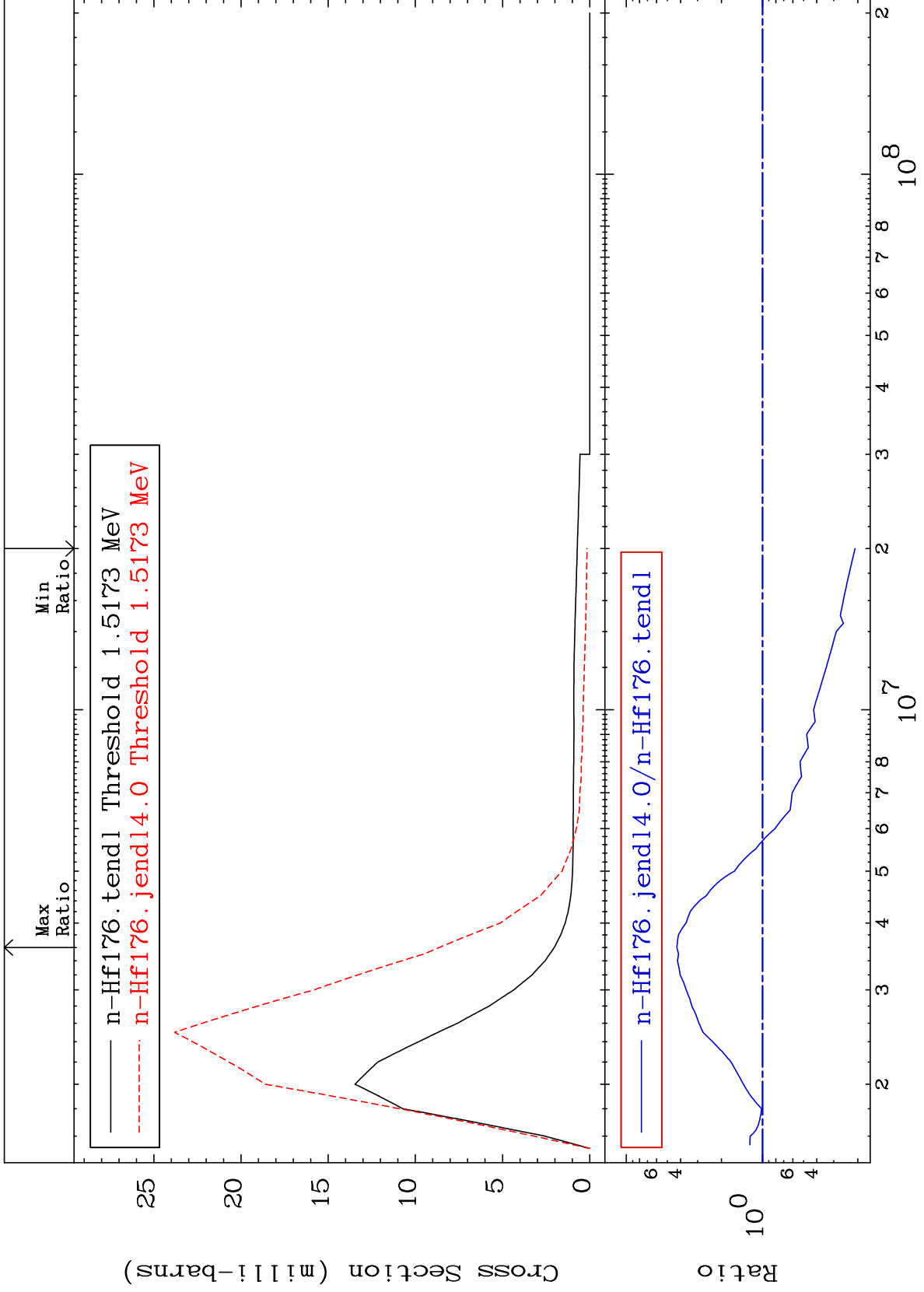
72-Hf-176
8.593 To 9999. %

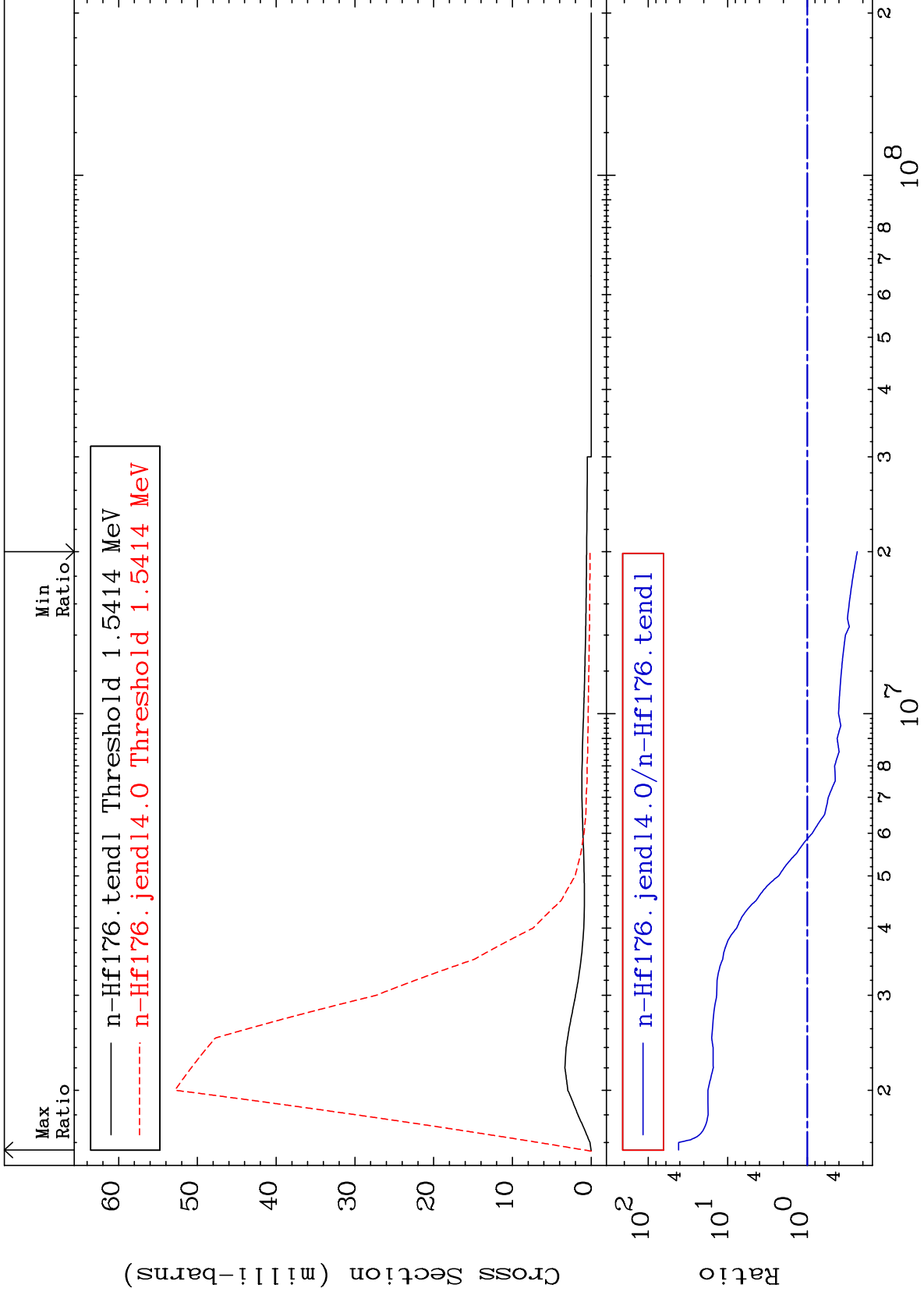


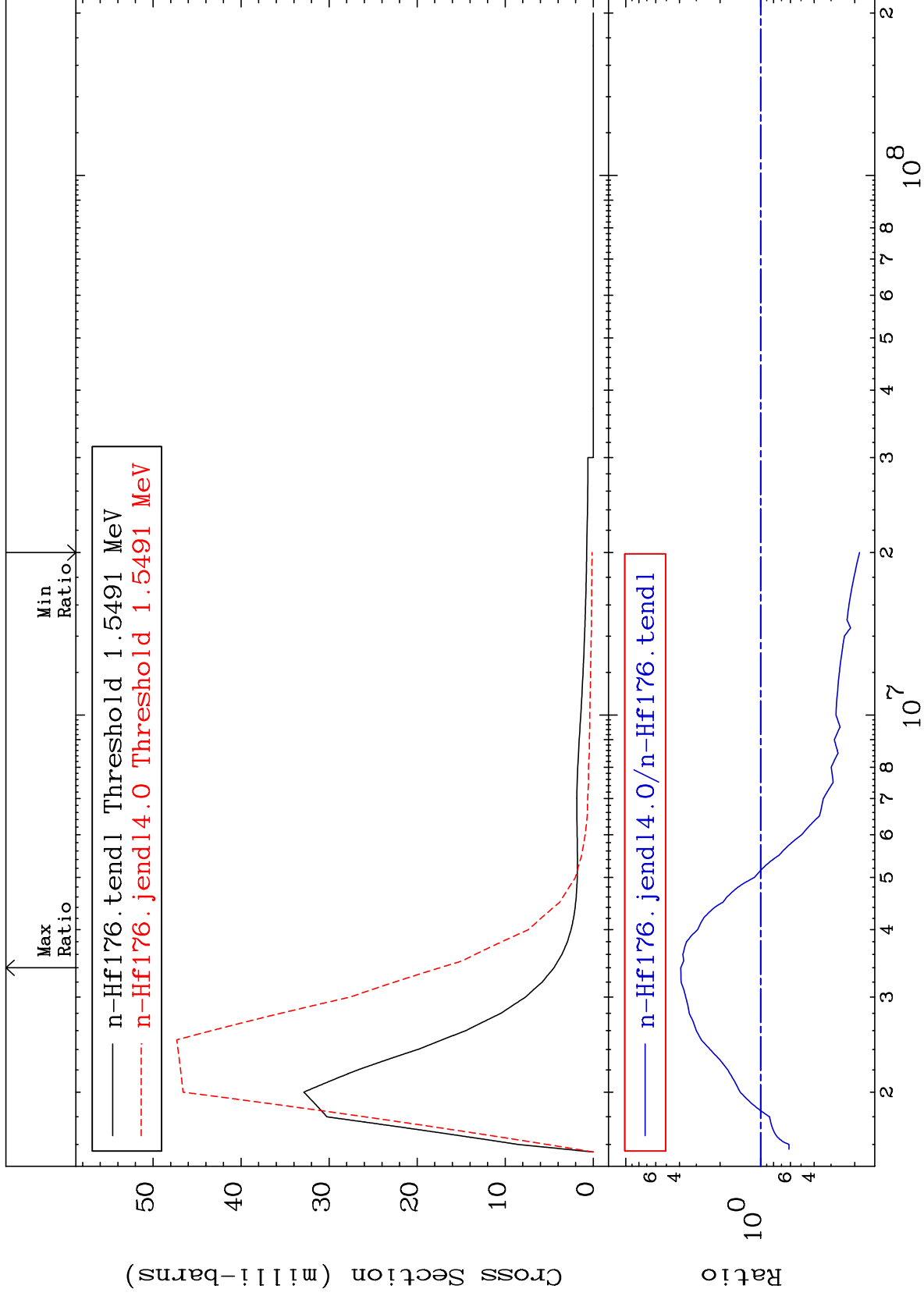
MAT 7231

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

72-Hf-176
-79.08 To 325.4 %



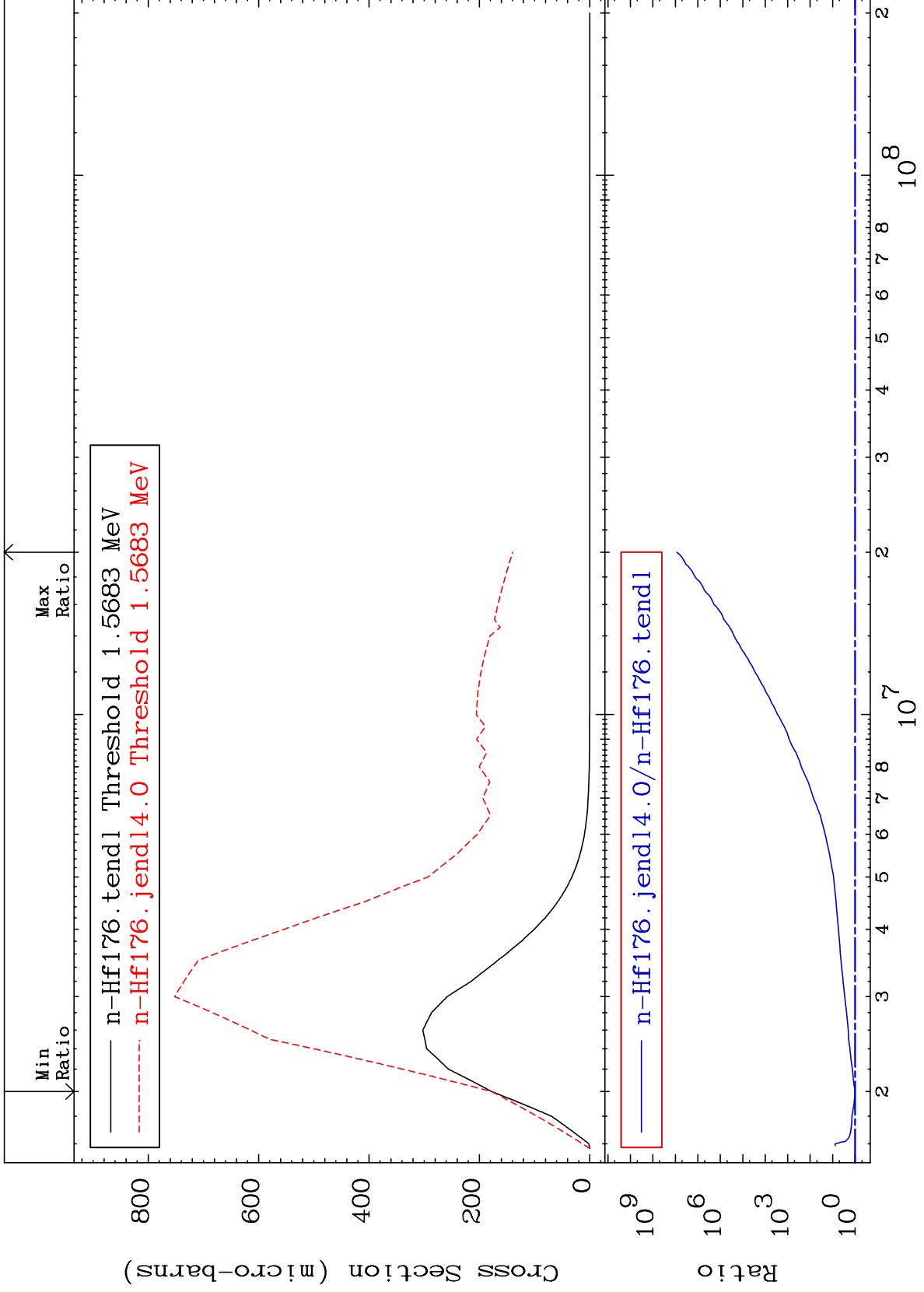




MAT 7231

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

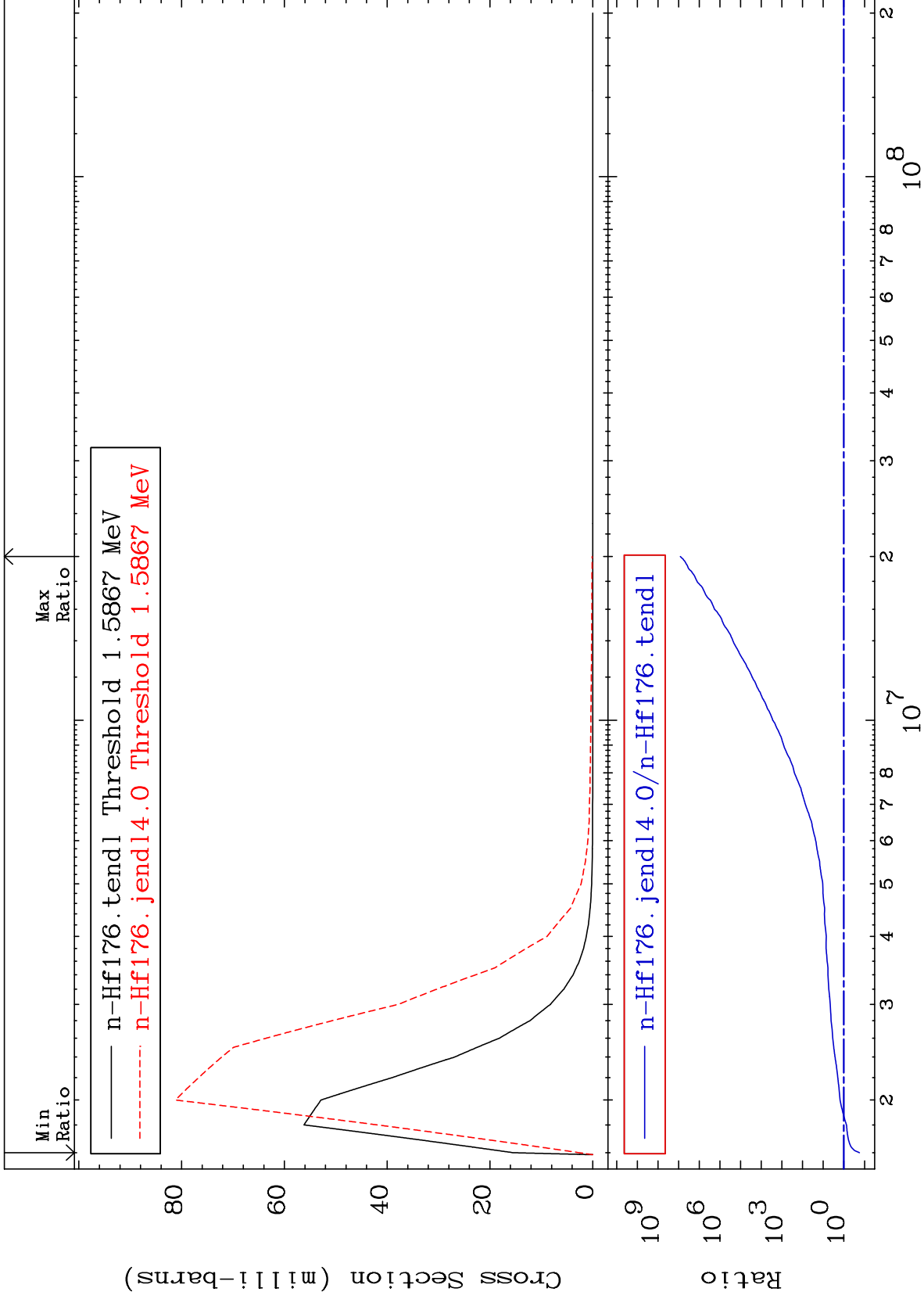
72-Hf-176
-0.040 To 9999. %

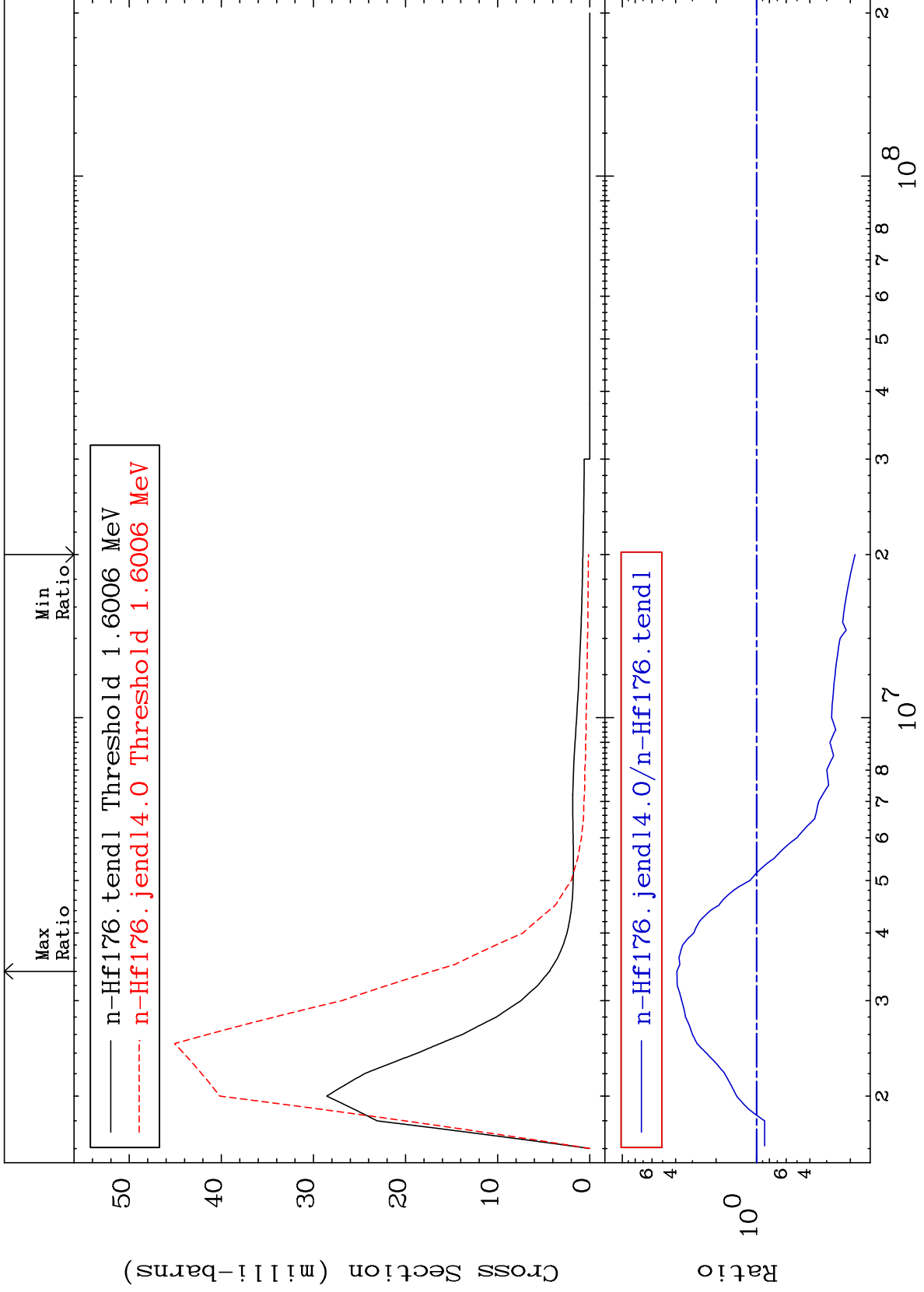


MAT 7231

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

72-Hf-176
-82.32 To 9999. %

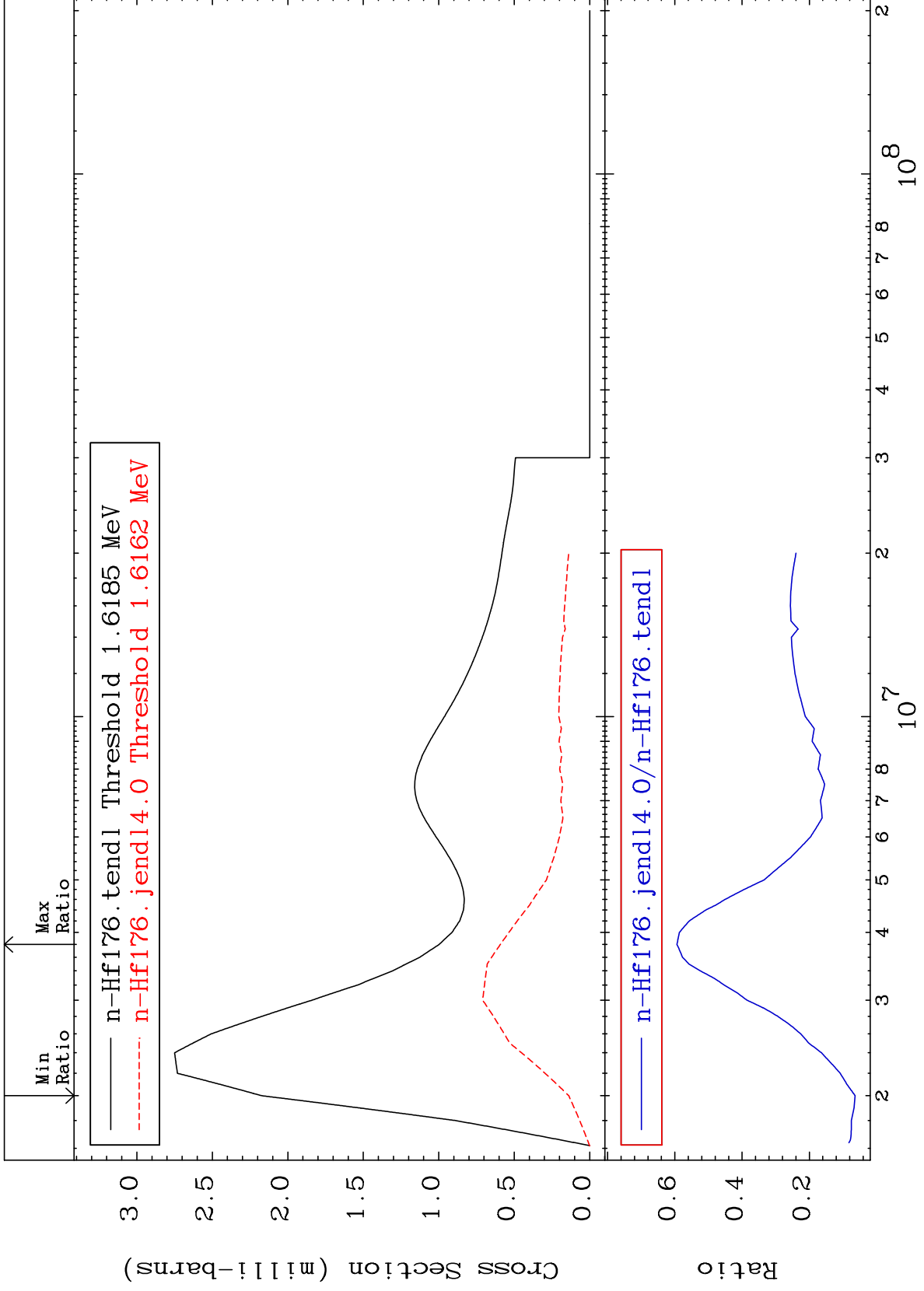




MAT 7231

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

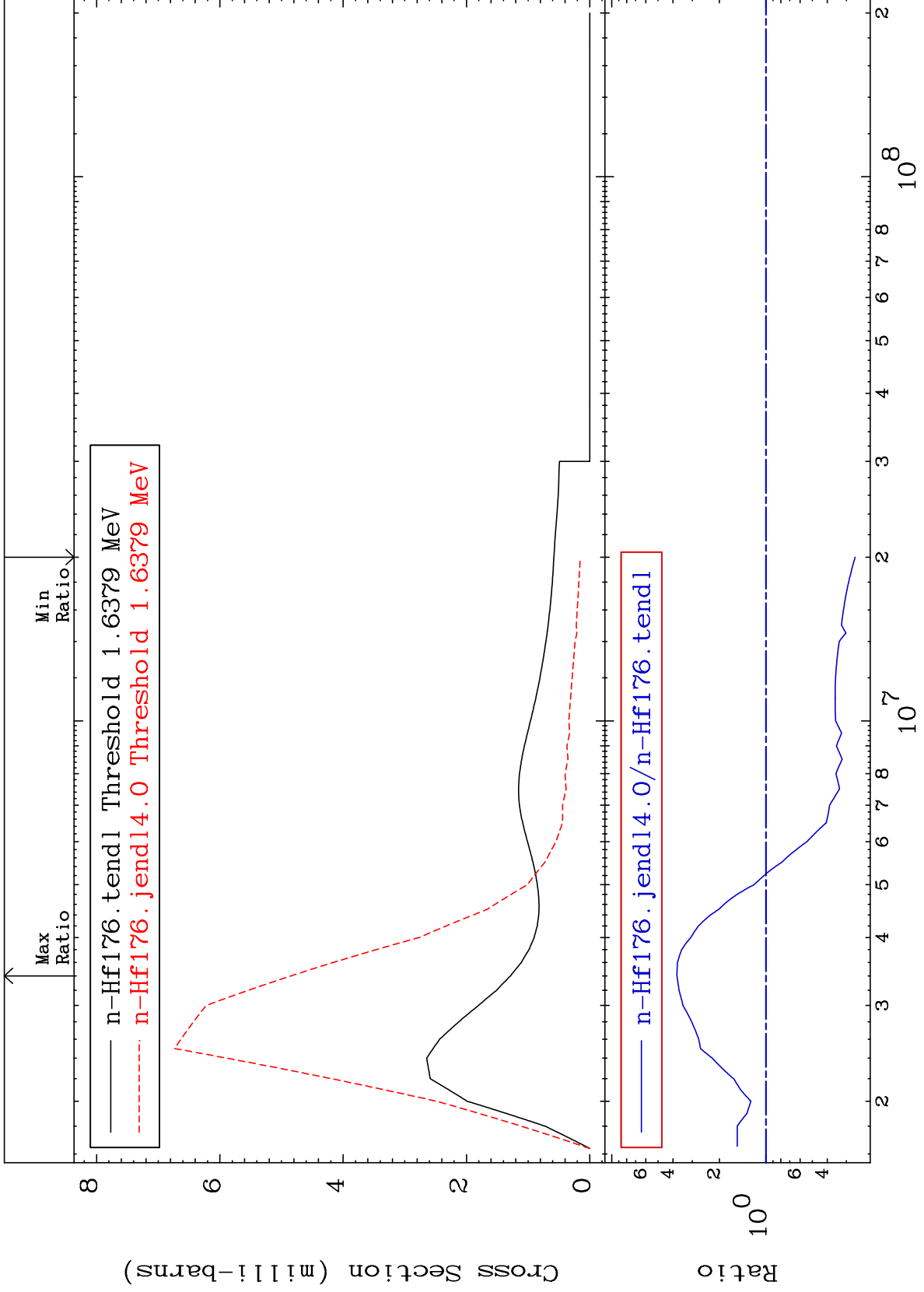
72-Hf-176
-93.60 To -40.61%

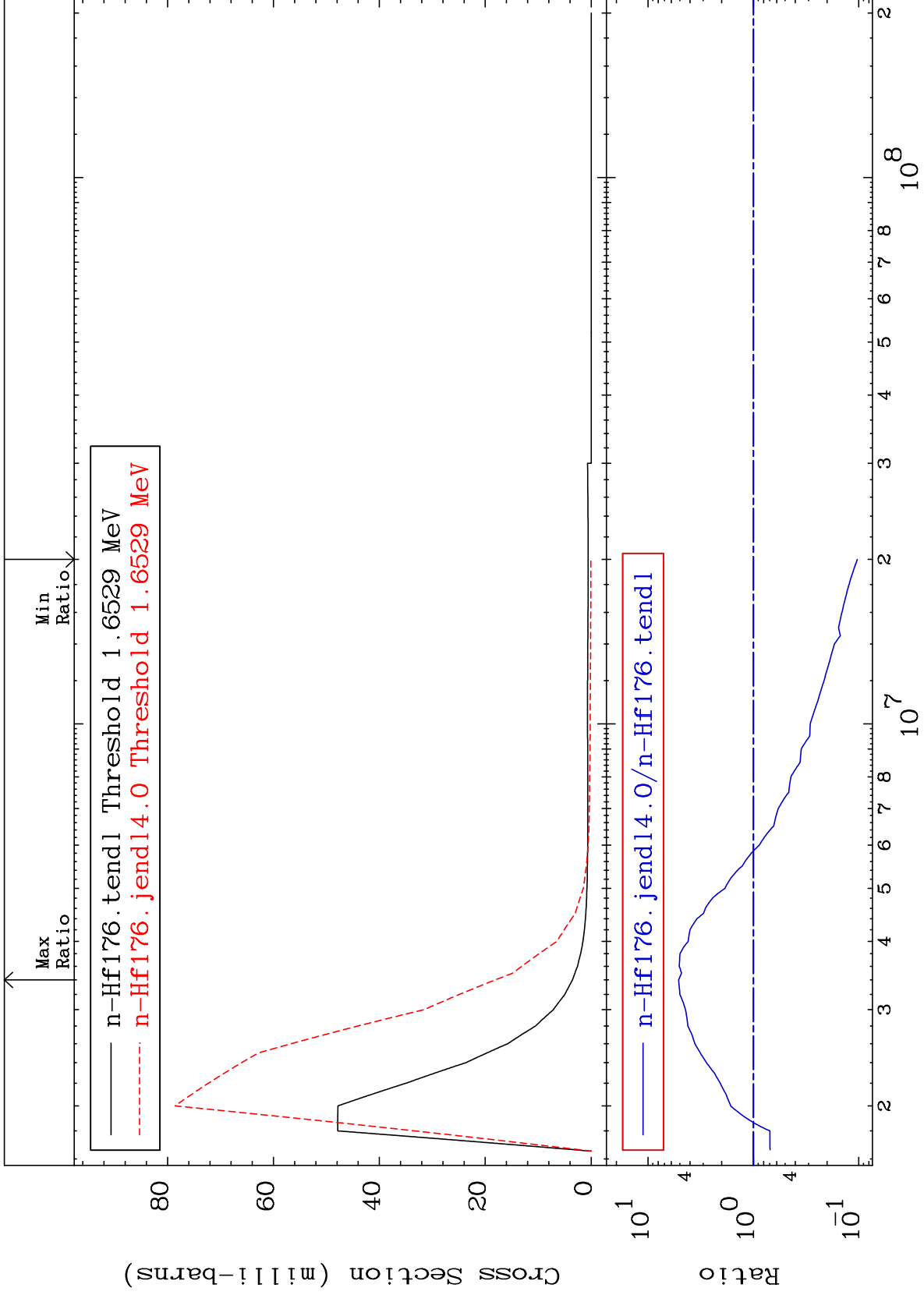


MAT 7231

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

72-Hf-176
-73.63 To 277.3 %

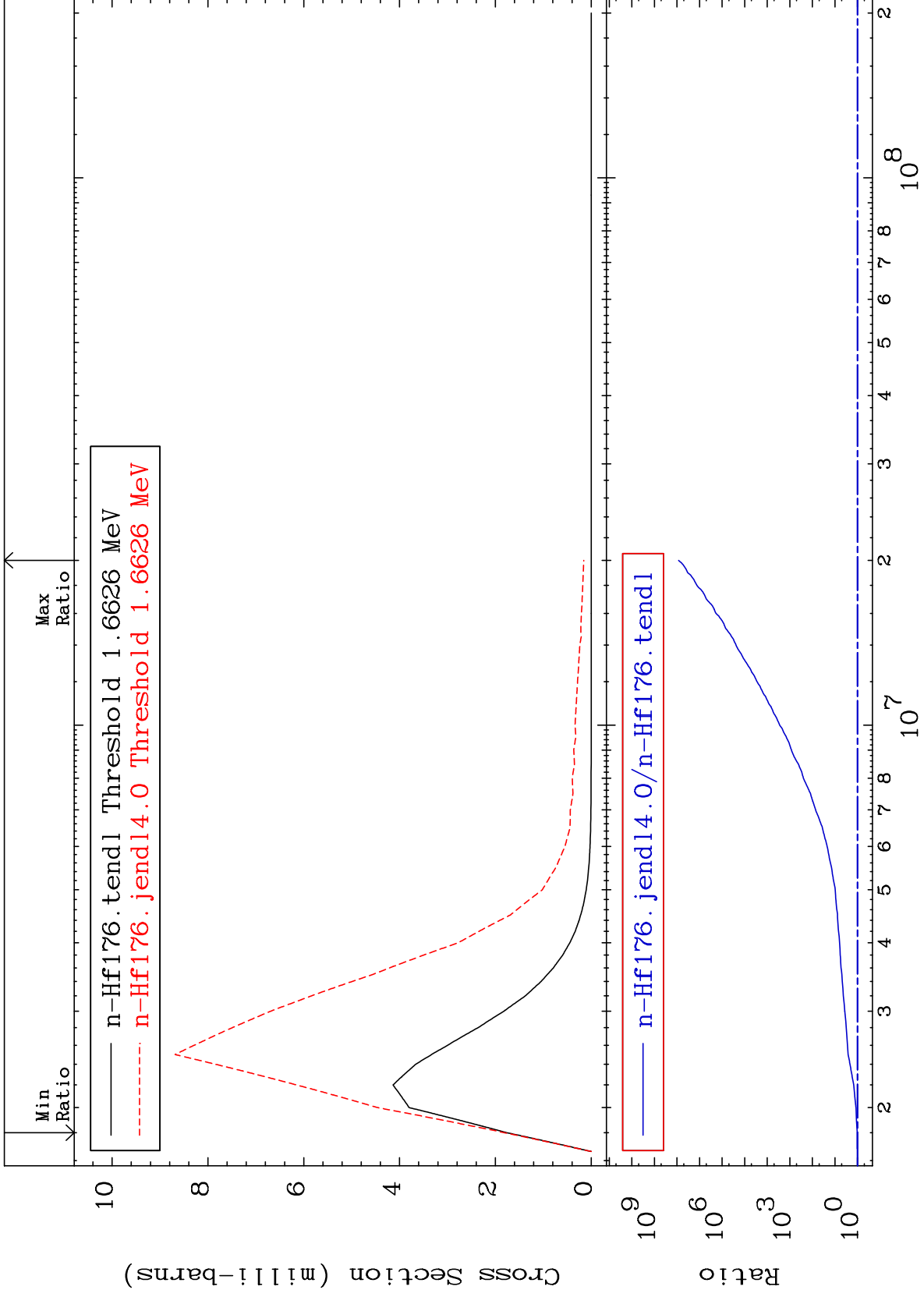




MAT 7231

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

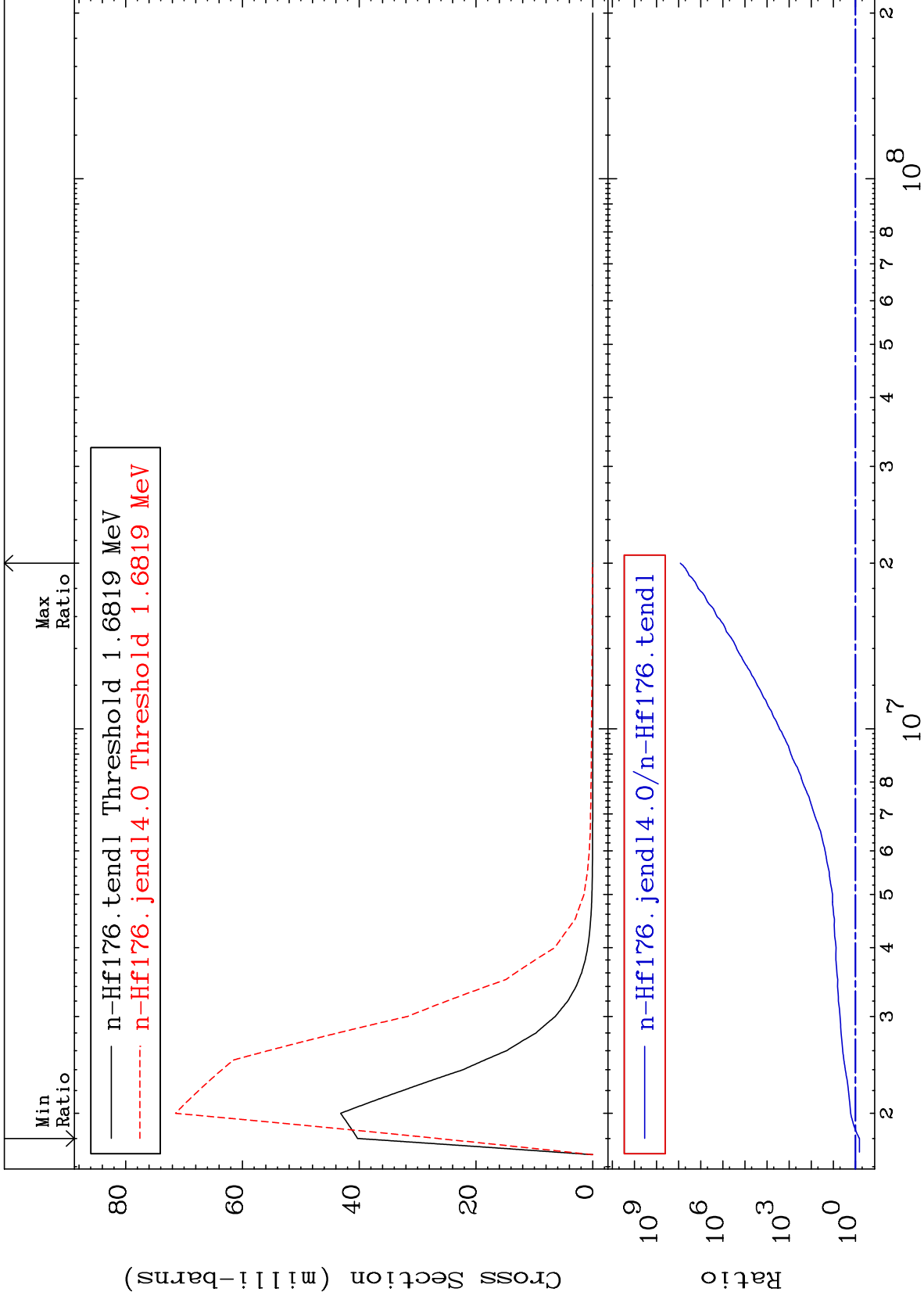
72-Hf-176
2.796 To 9999. %

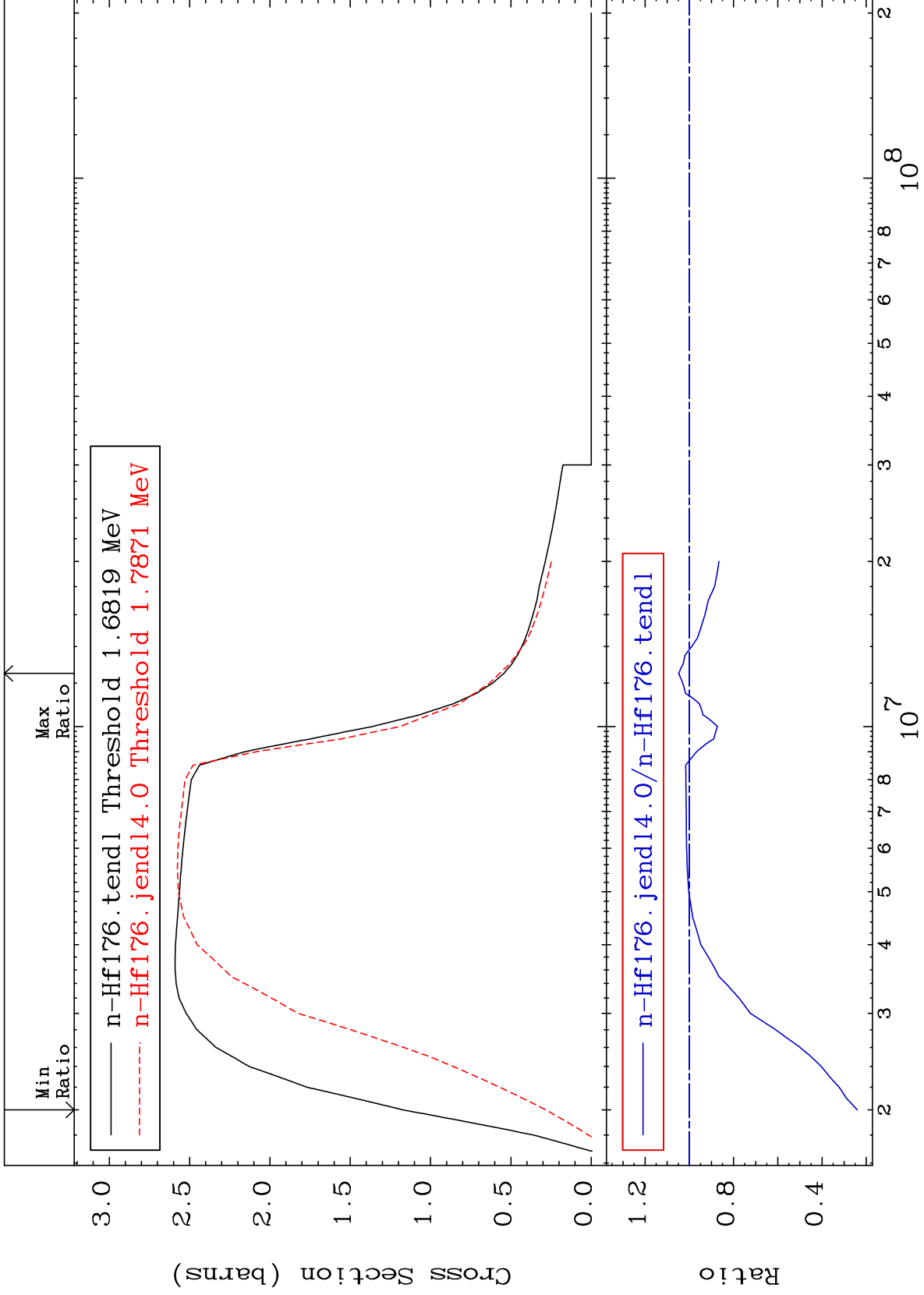


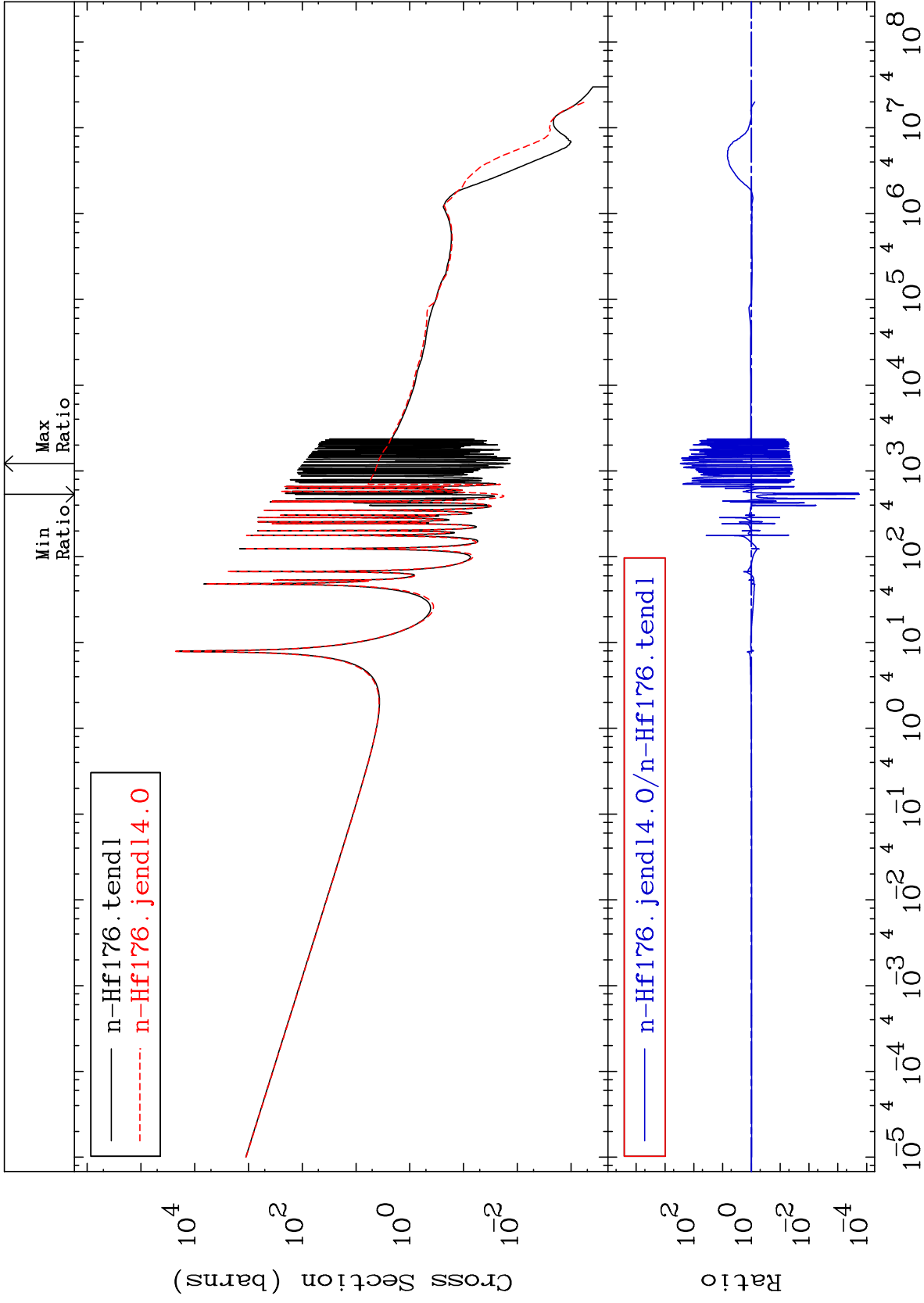
MAT 7231

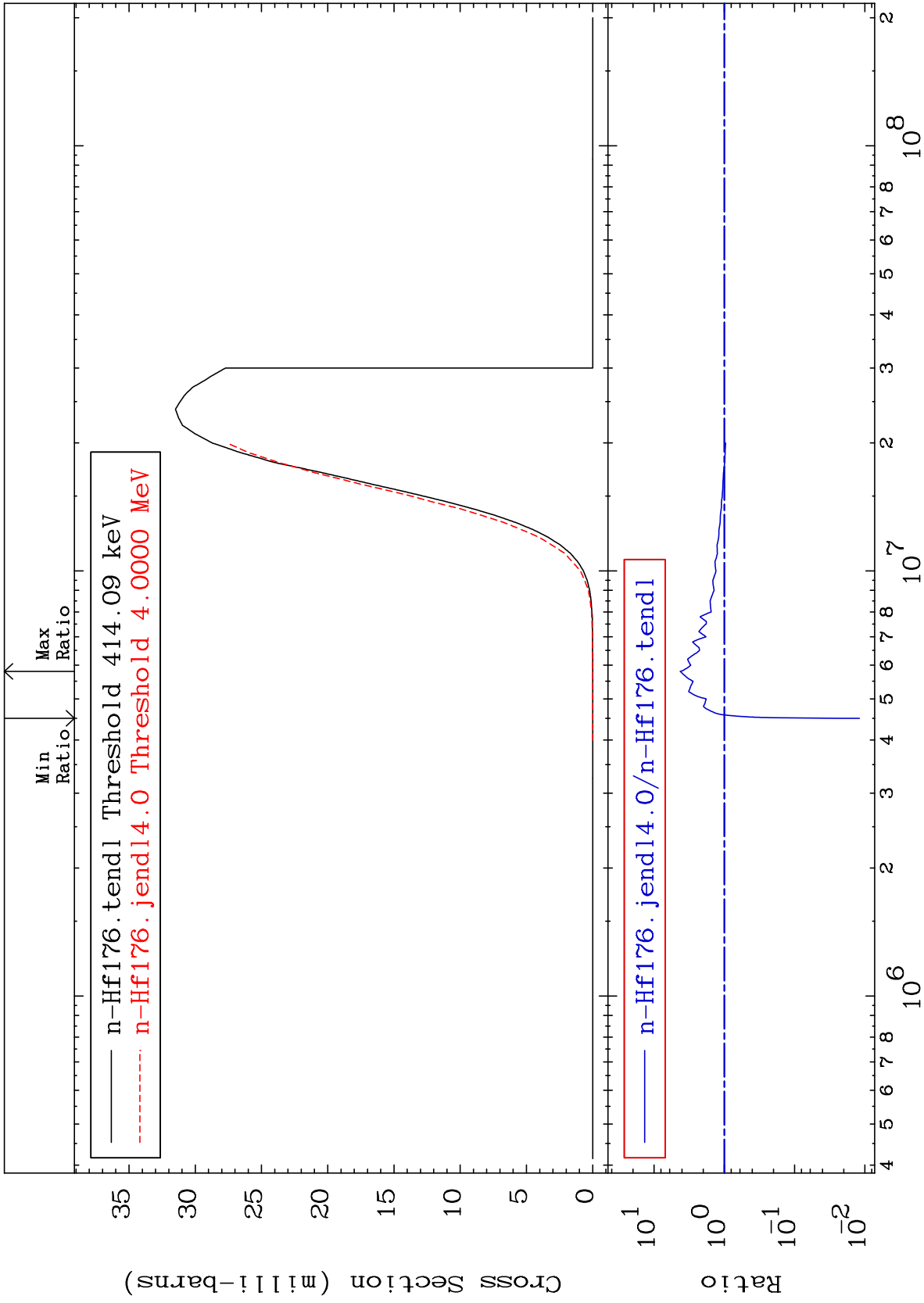
MT= 80 (n,n') Level
Cross Section

72-Hf-176
-34.11 To 9999. %



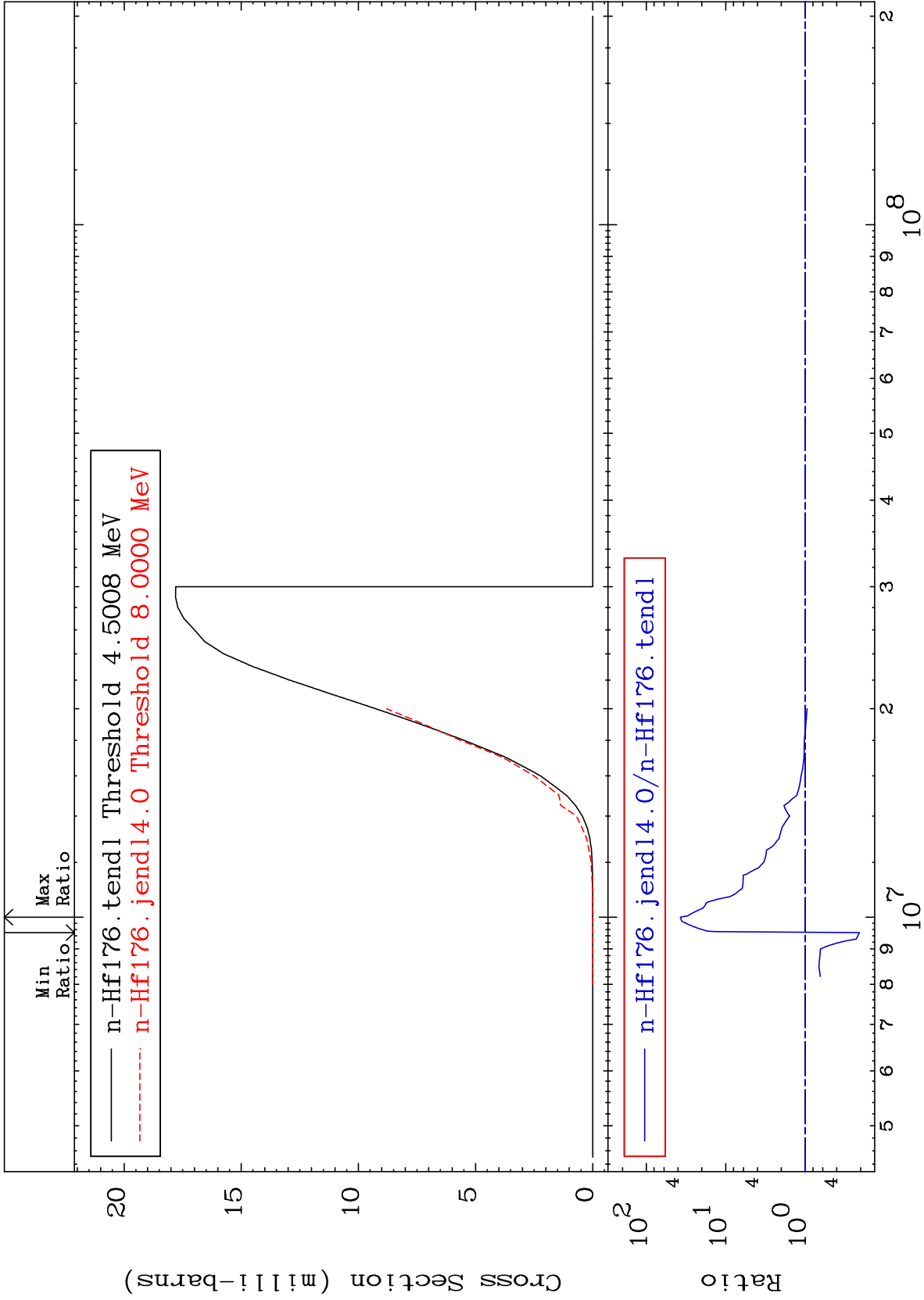


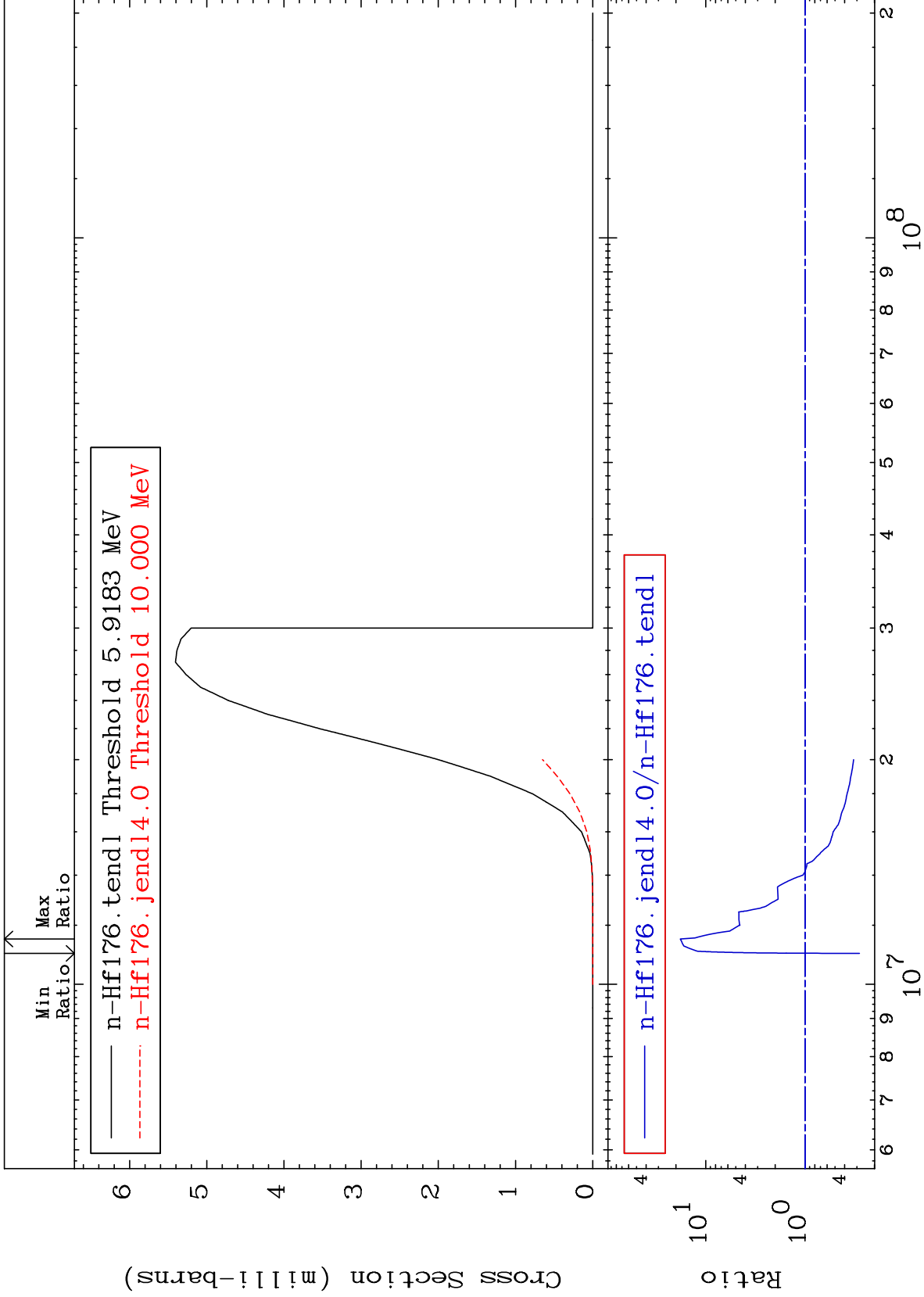




Cross Section

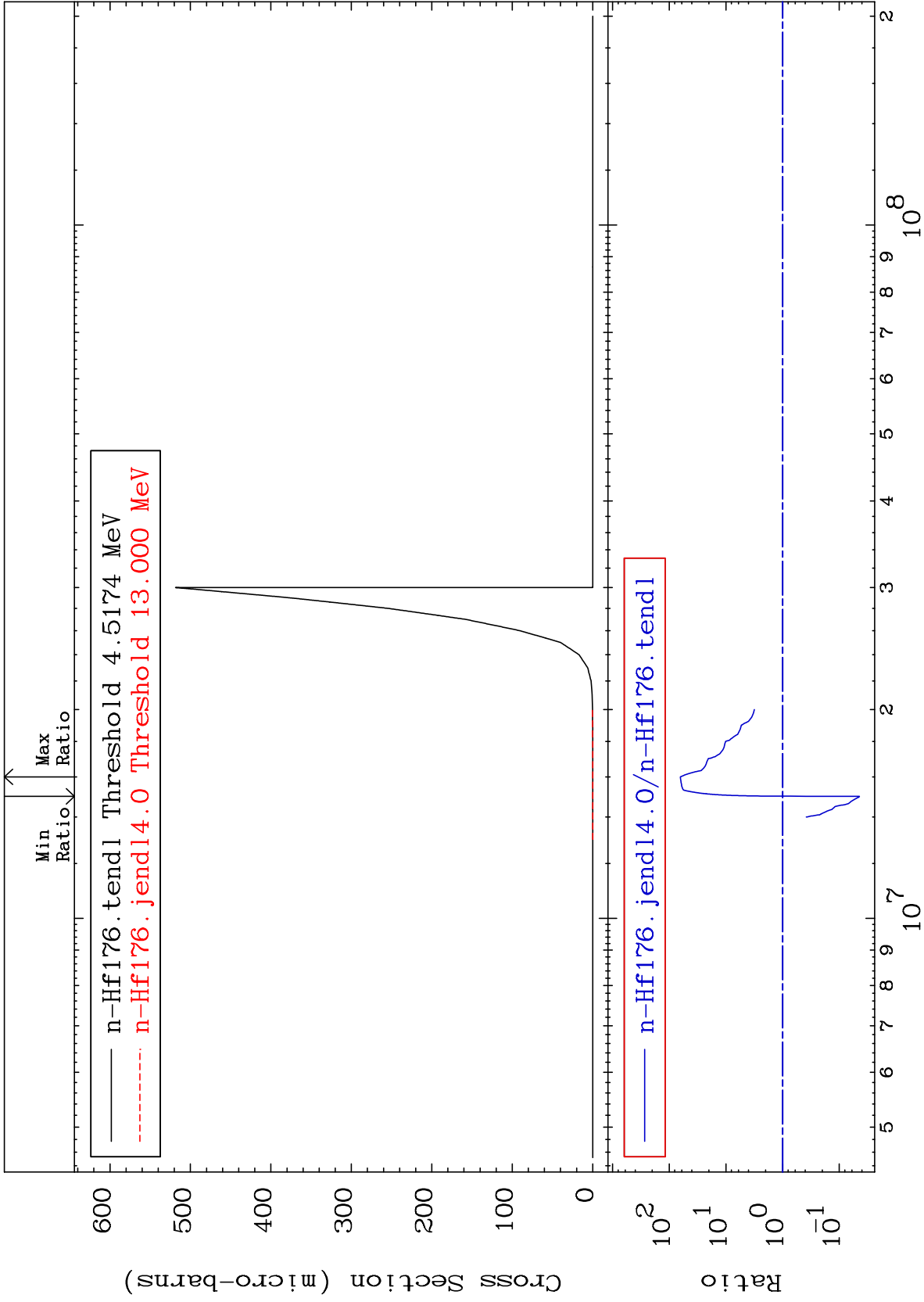
-79.25 To 3631. %





Cross Section

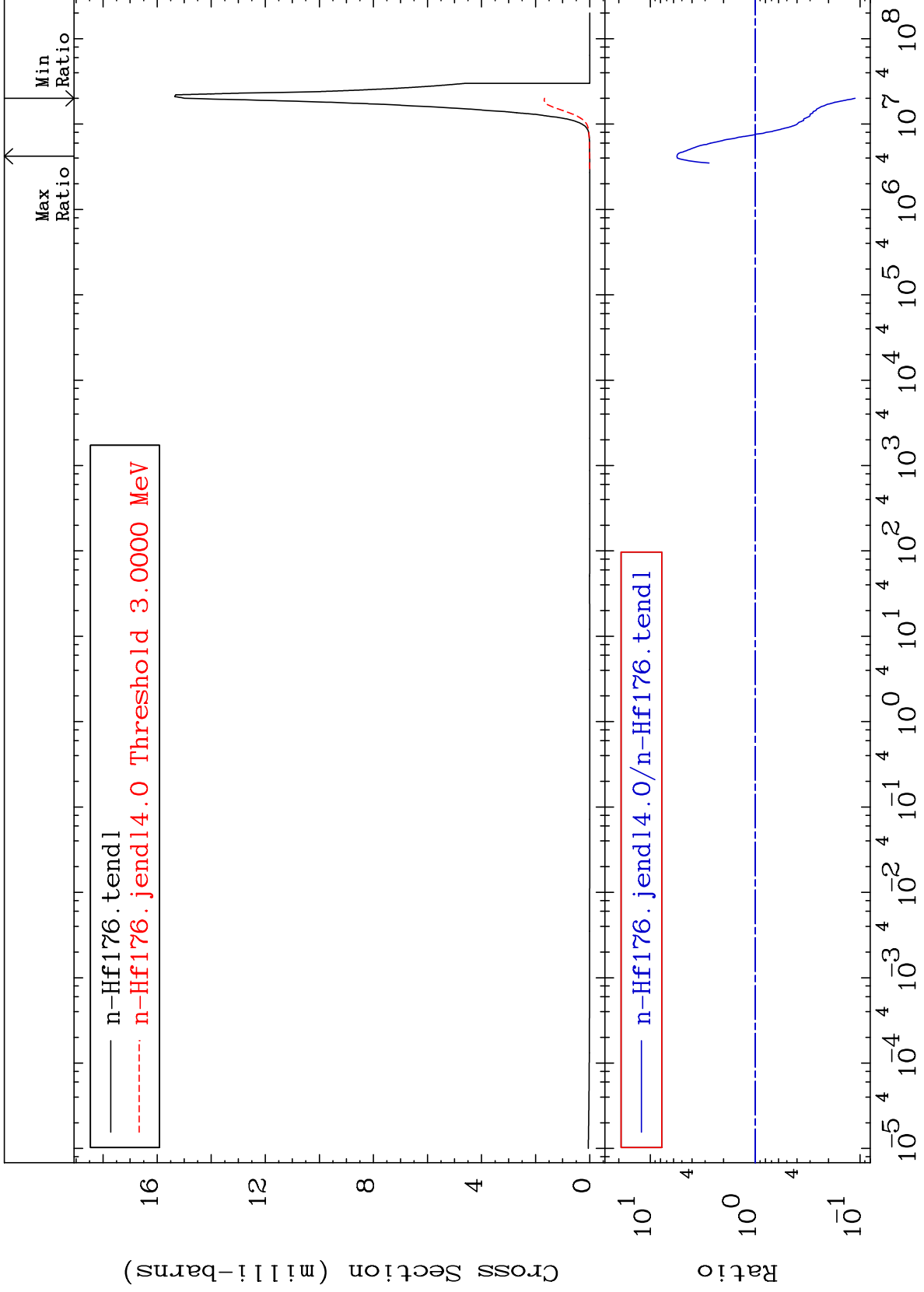
-95.59 To 6277. %



MAT 7231

(n, α)
Cross Section

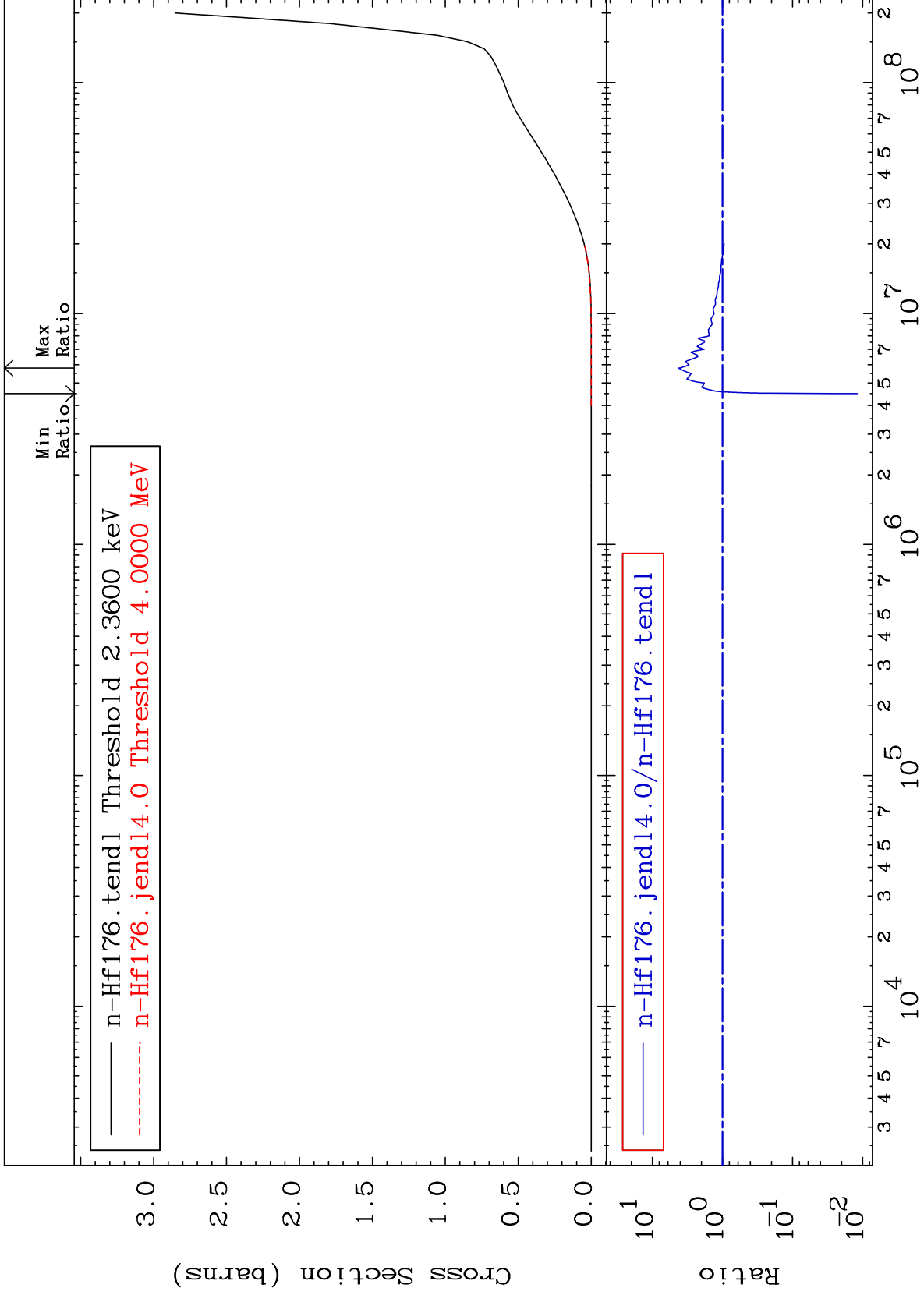
72-Hf-176
-88.84 To 458.1 %

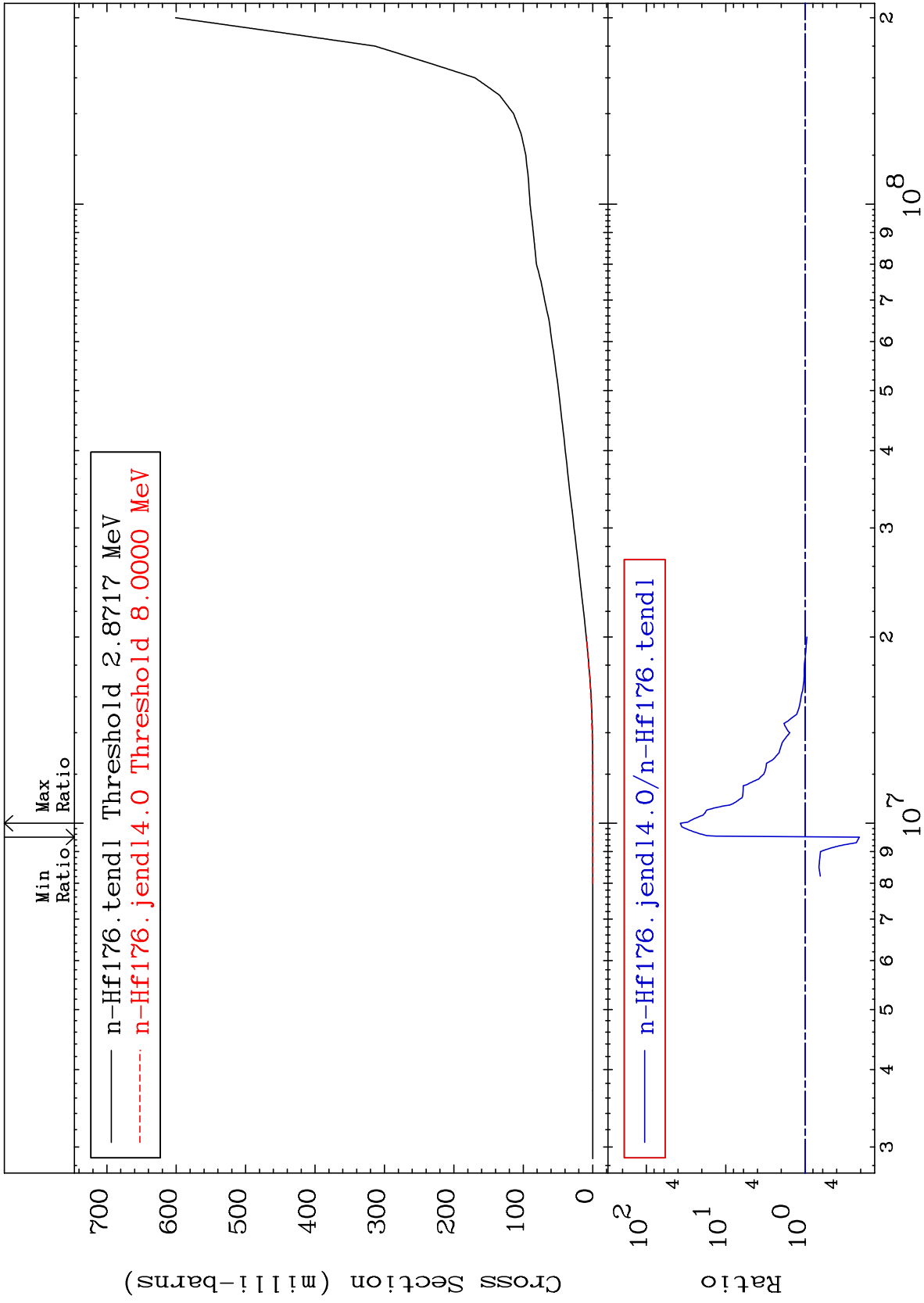


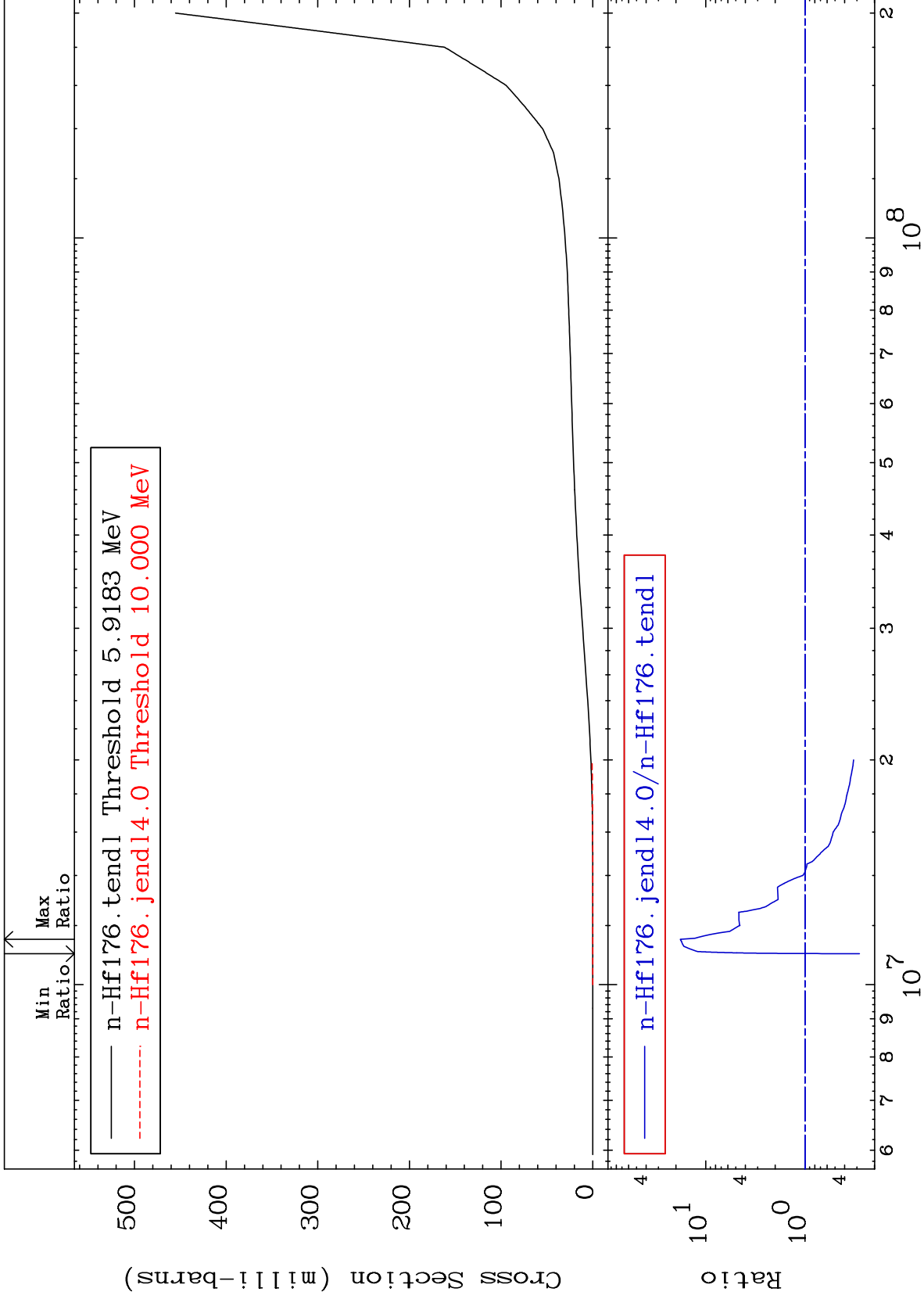
45

Incident Energy (eV)

72-Hf-176



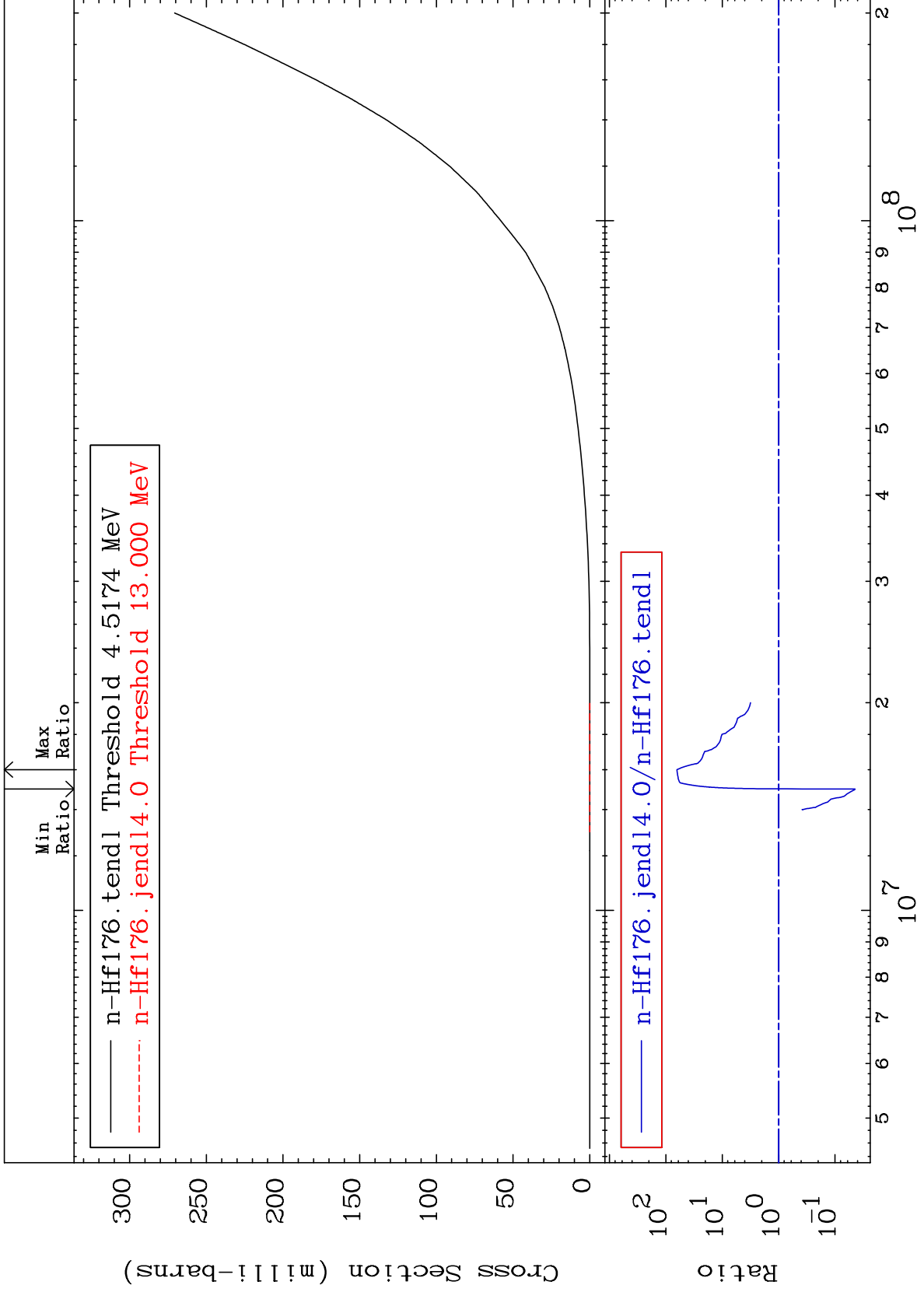




MAT 7231

He-3 Production
Cross Section

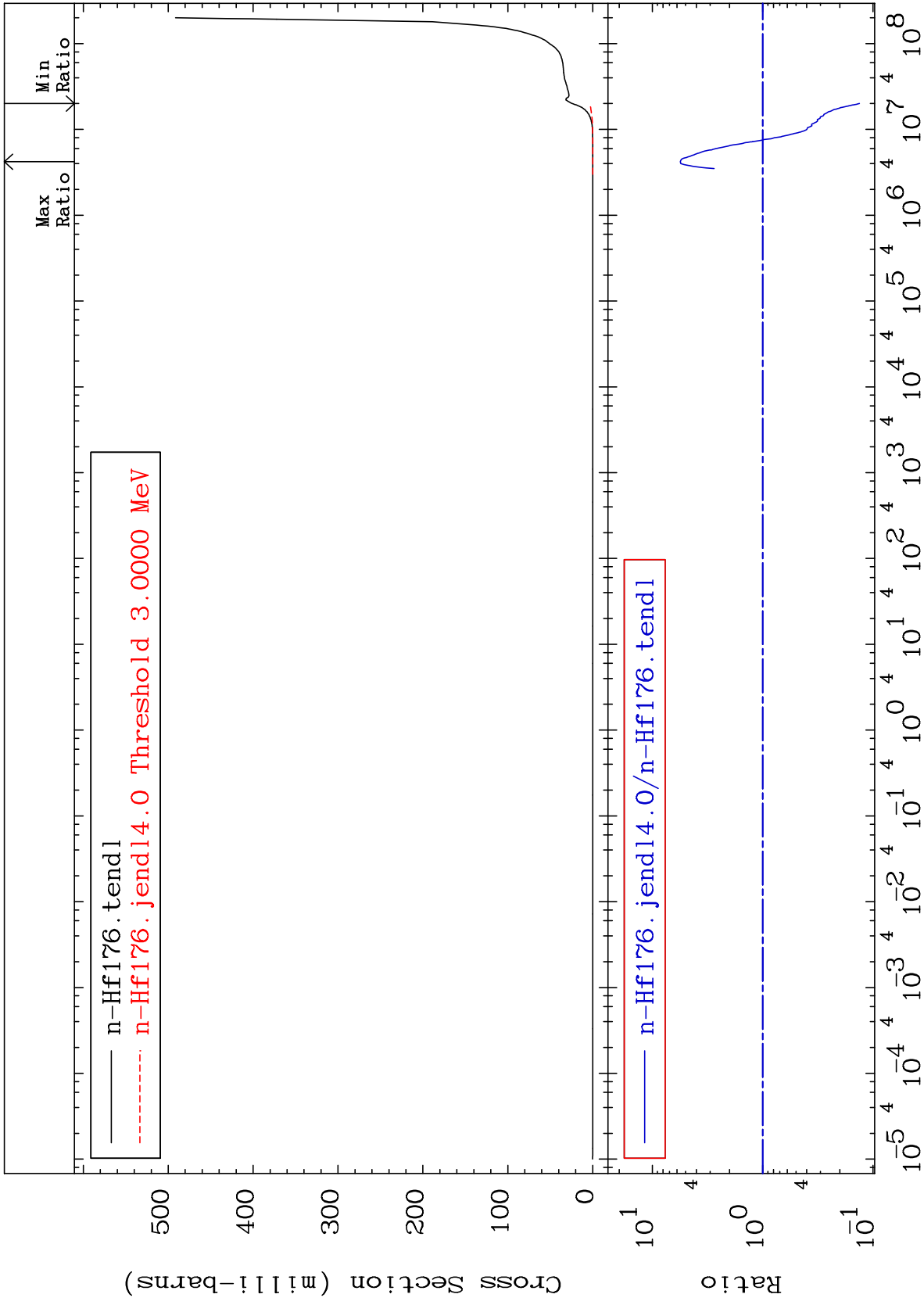
⁷²Hf-176
-95.59 To 6277. %



MAT 7231

He-4 Production
Cross Section

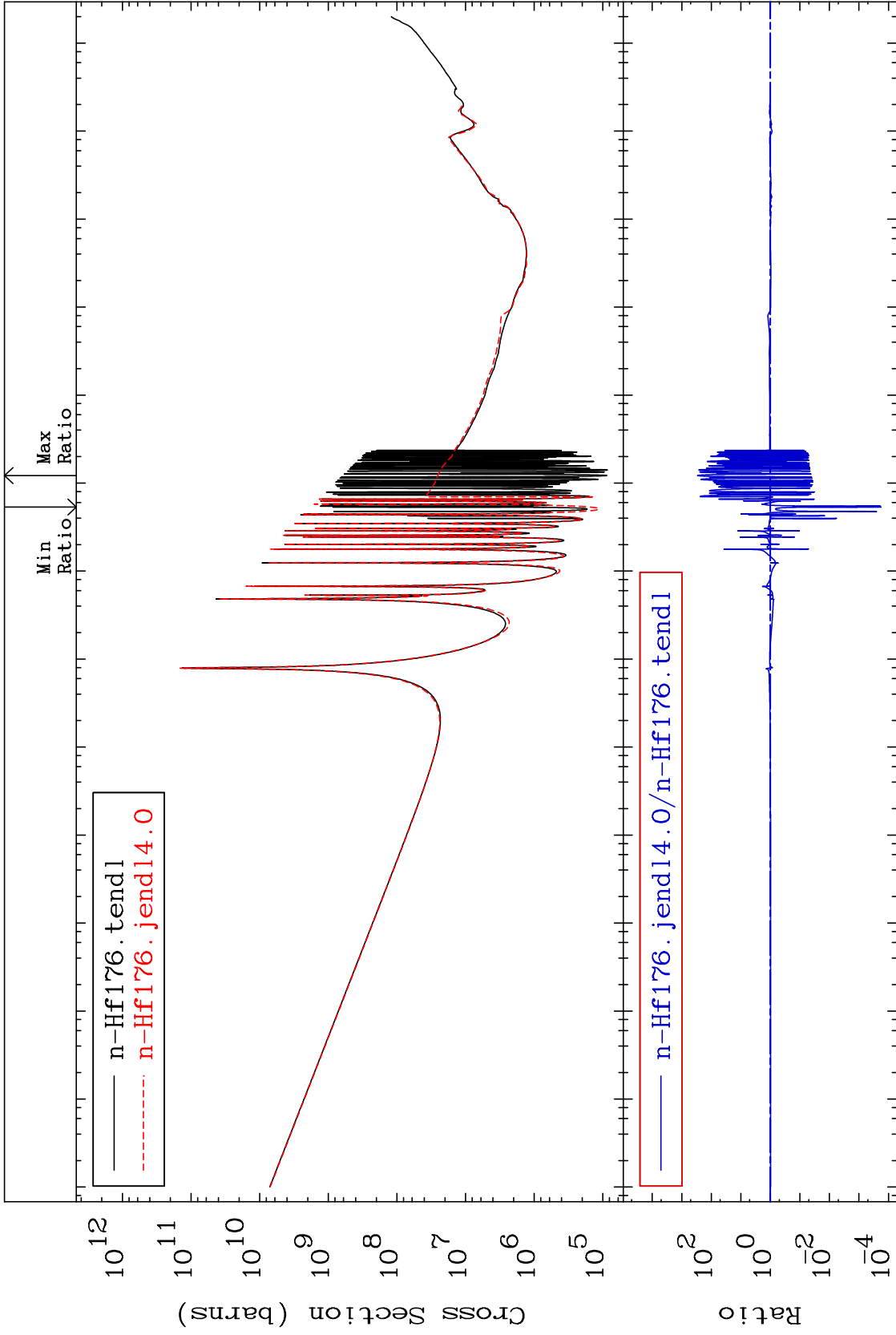
72-Hf-176
-86.71 To 458.1 %



50

Incident Energy (eV)

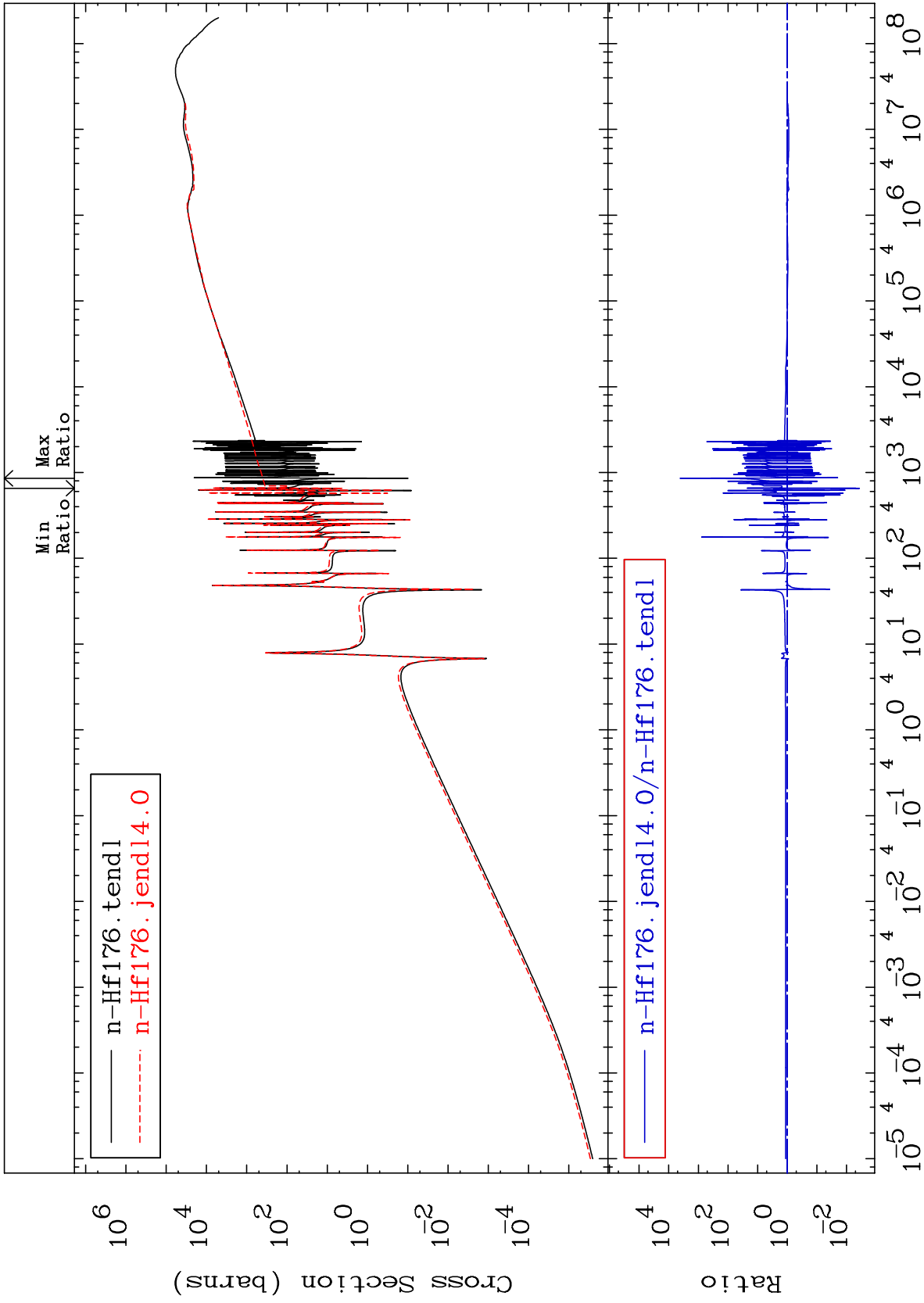
72-Hf-176

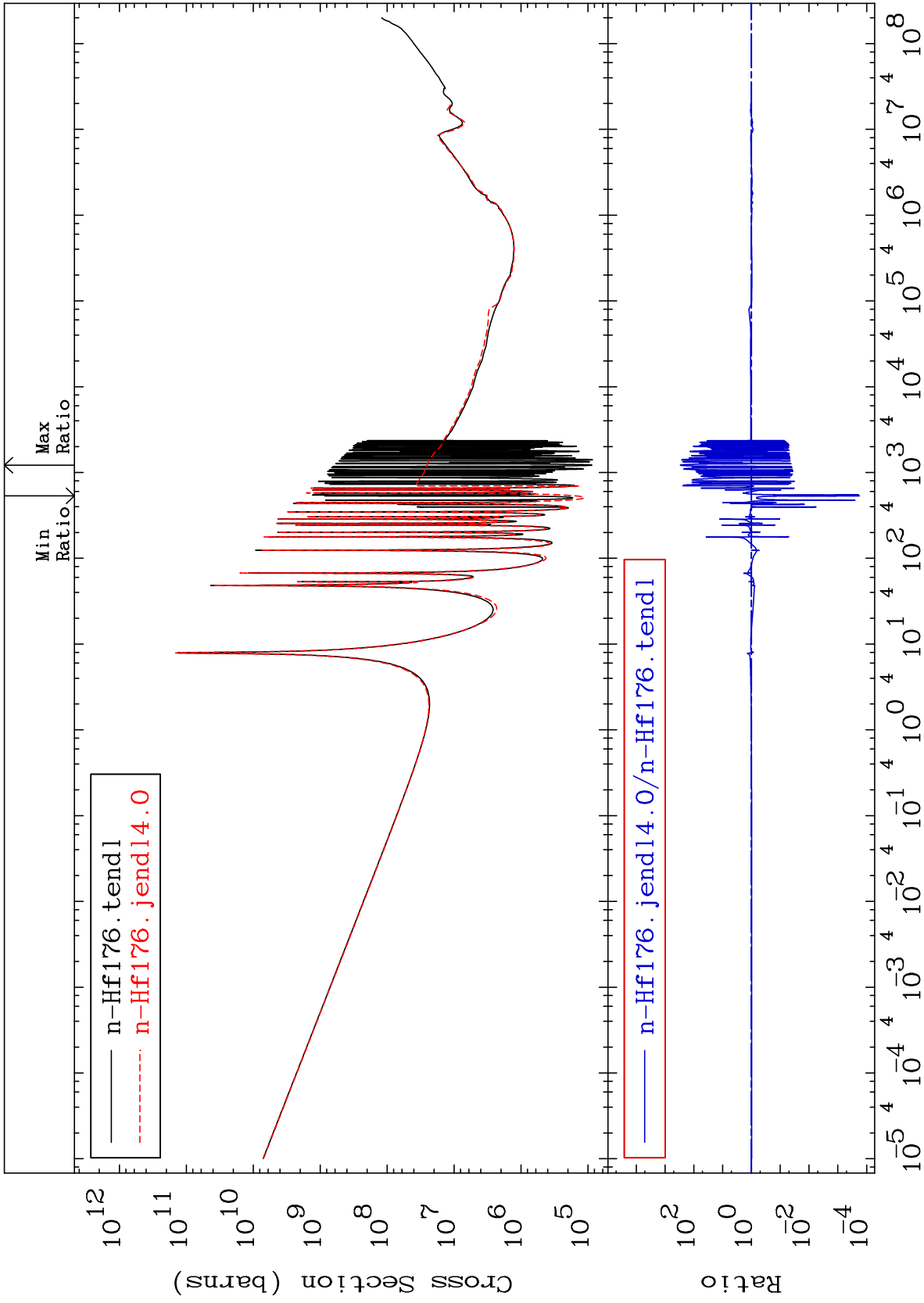


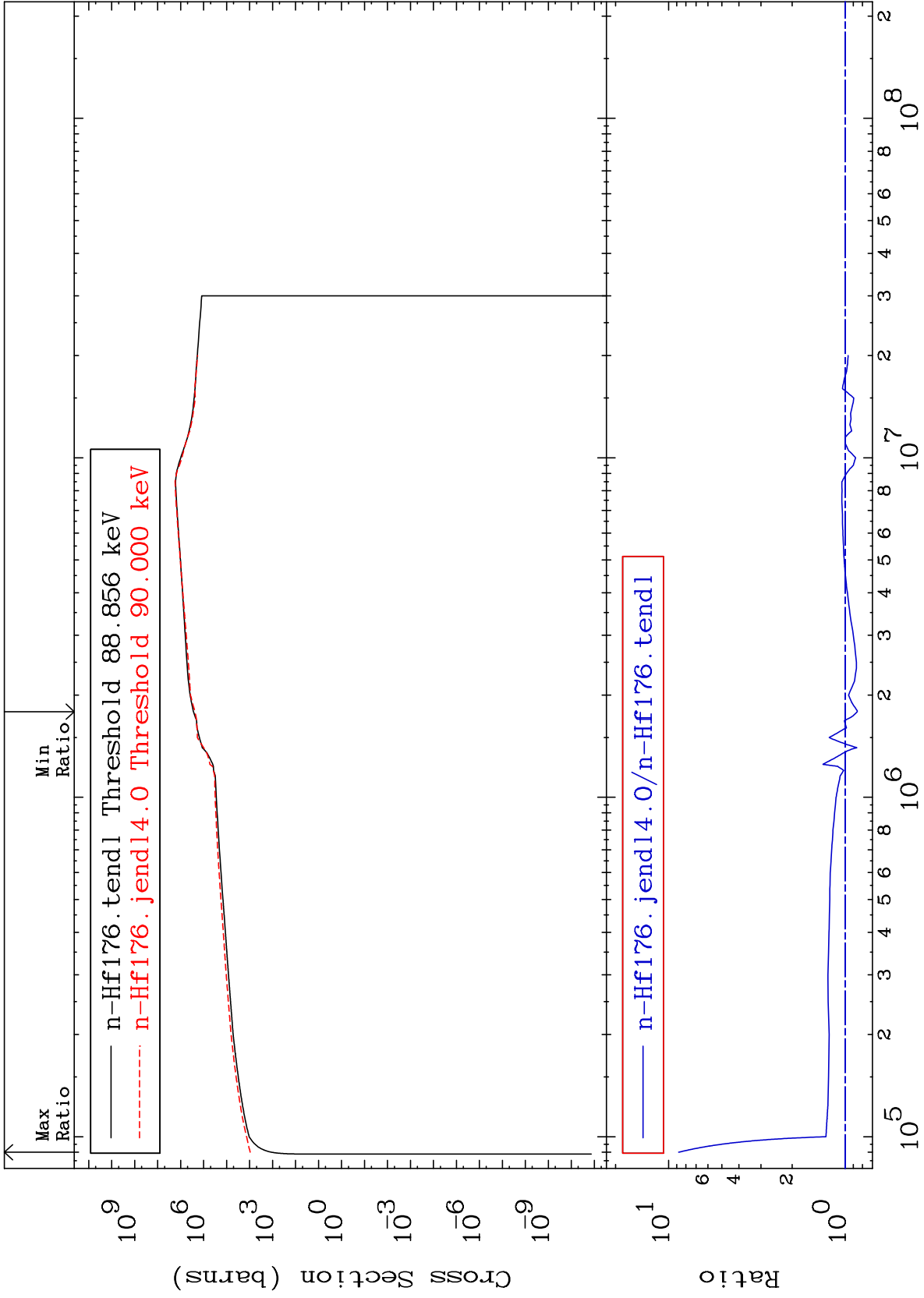
MAT 7231

Kerma elastic
Cross Section

⁷²Hf-176
-99.63 To 9999. %



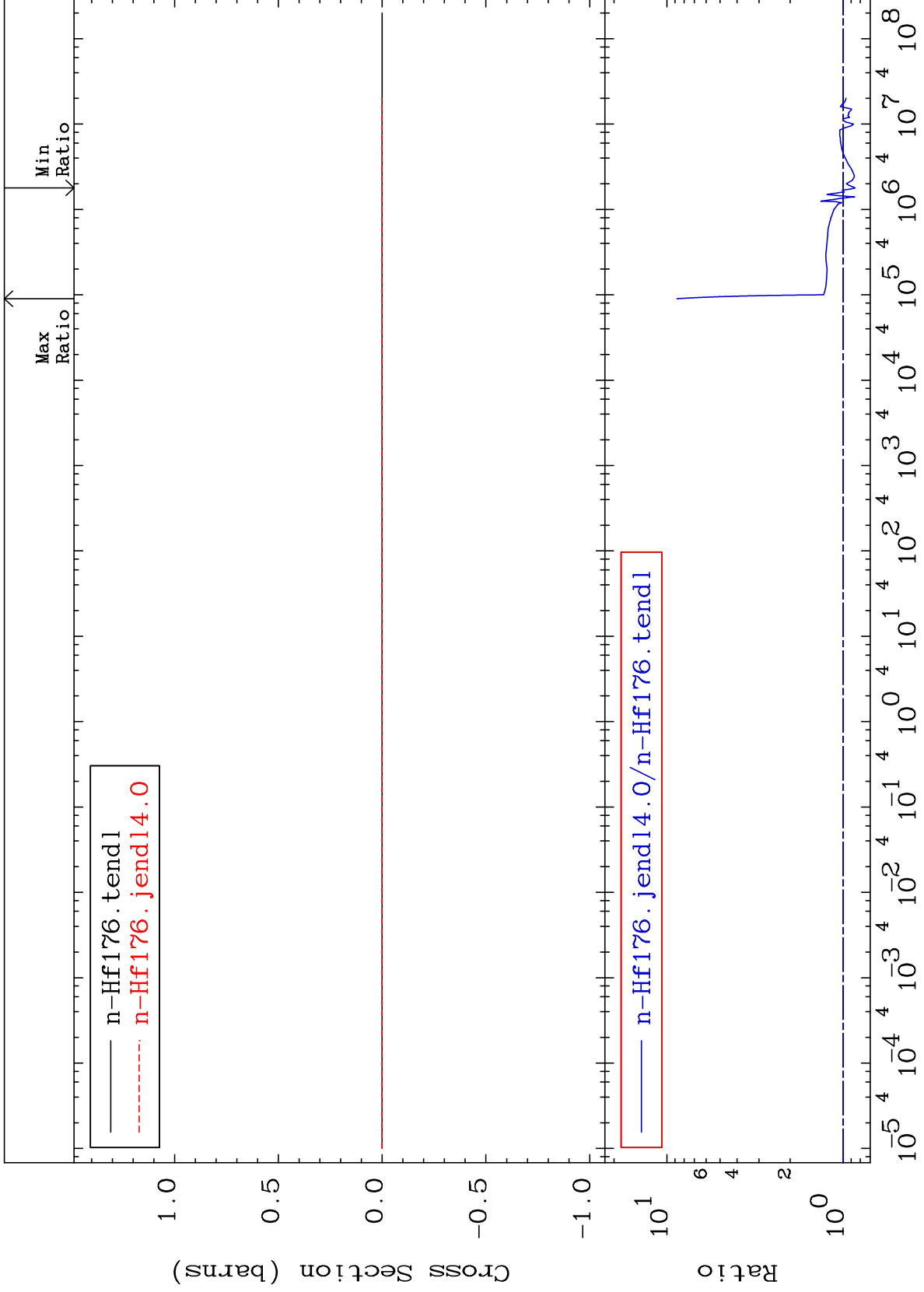


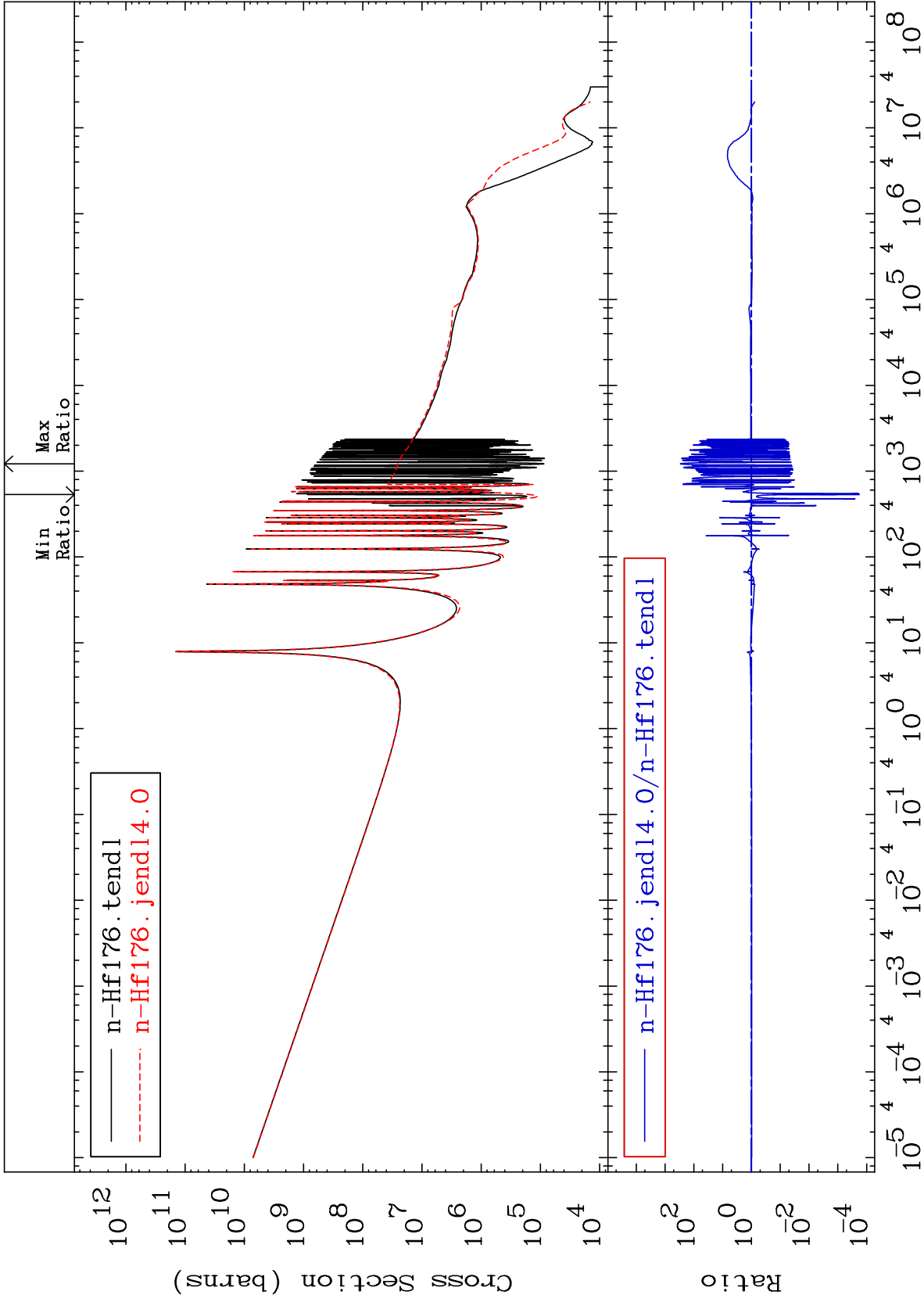


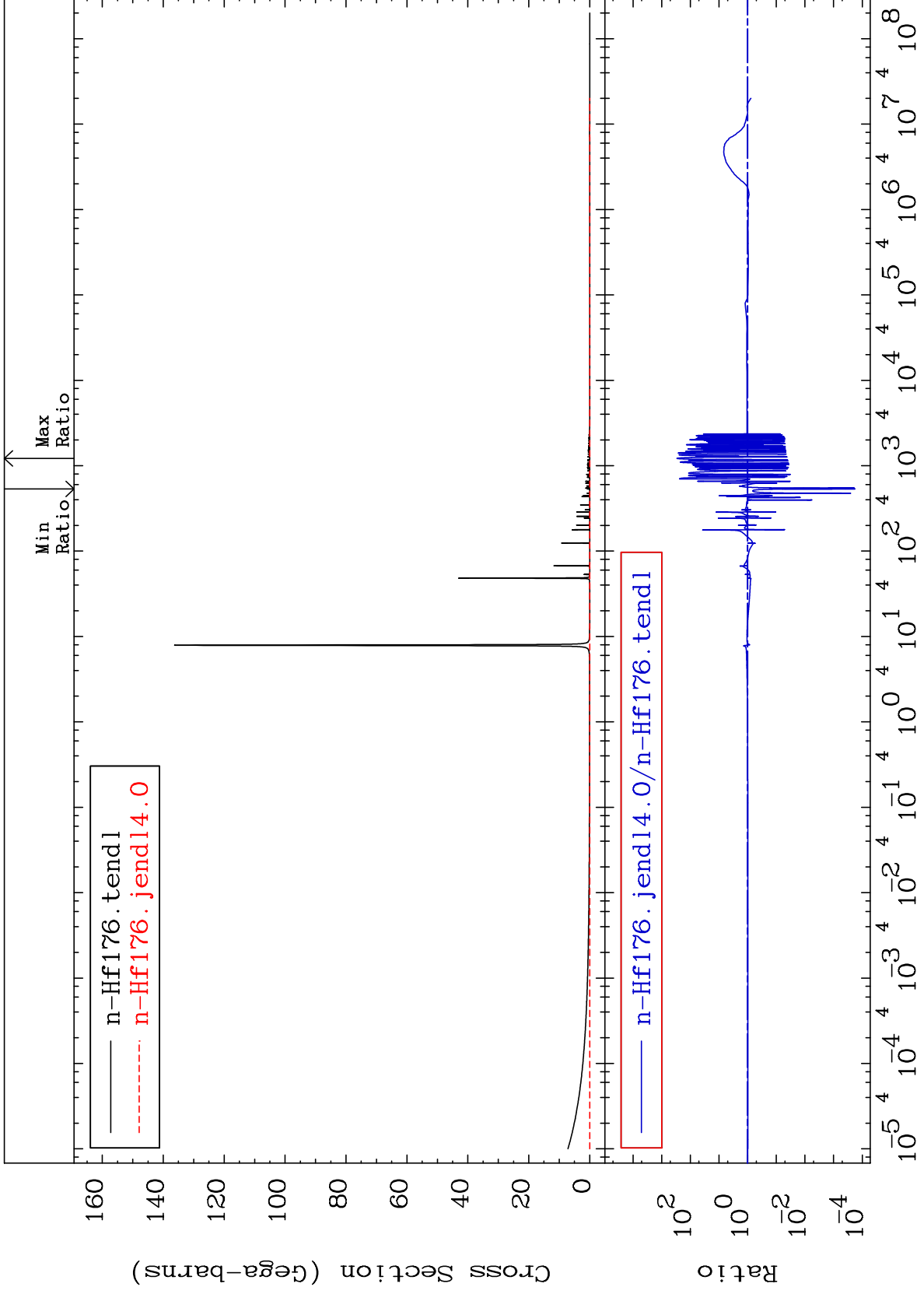
MAT 7231

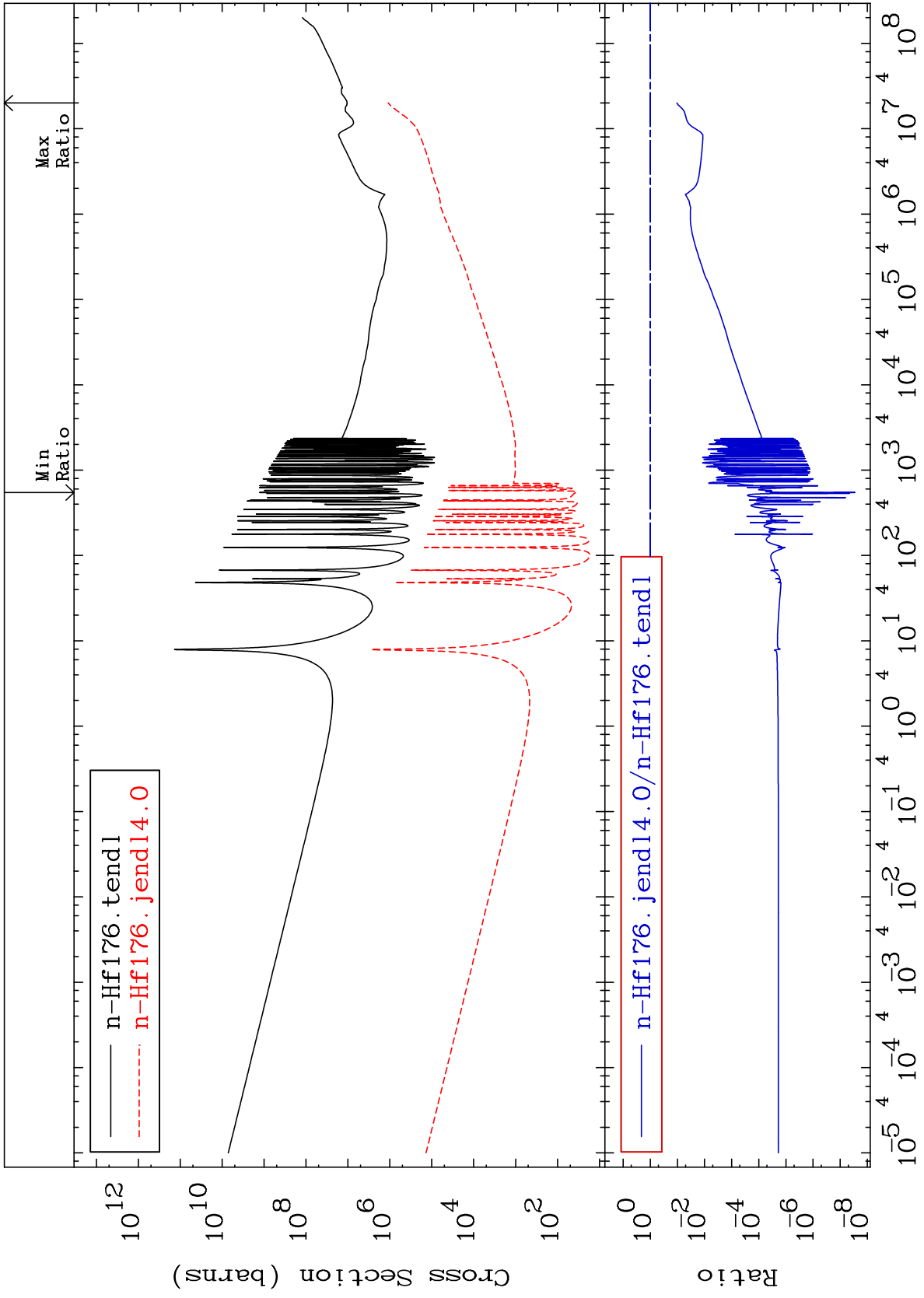
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

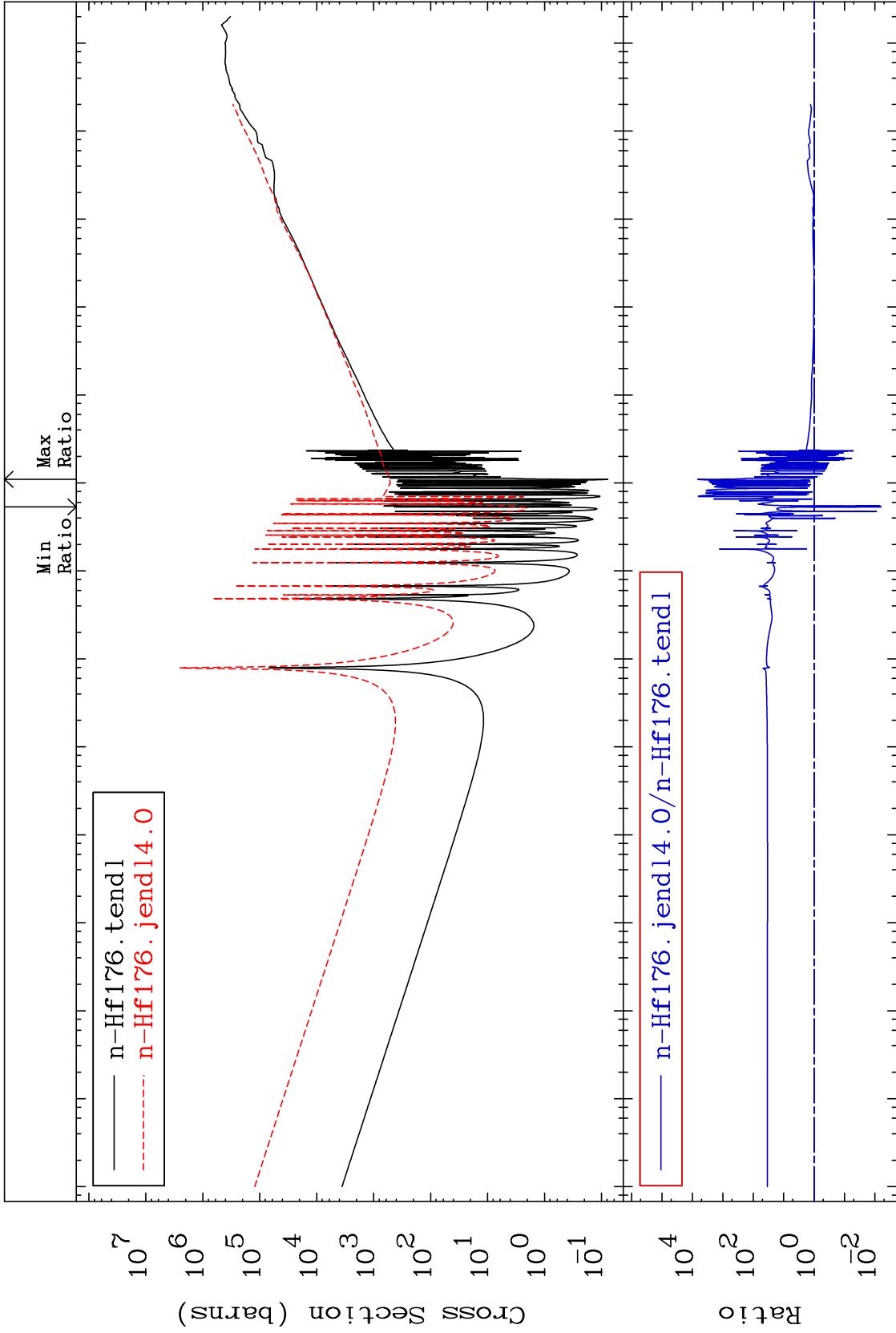
72-Hf-176
-14.48 To 778.2 %







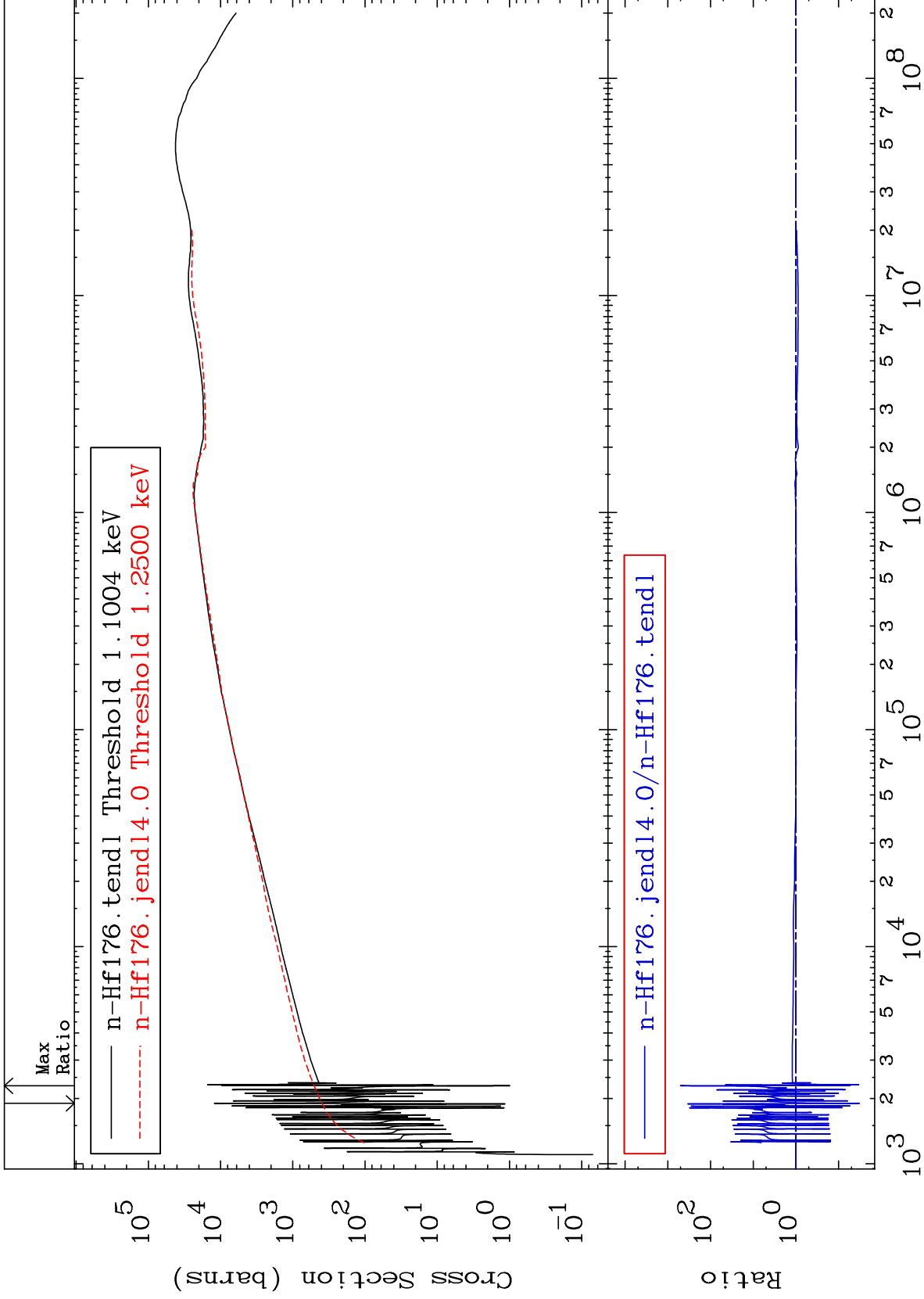




MAT 7231

Dpa elastic (mt2)
Cross Section

72-Hf-176
-96.74 To 9999. %



60

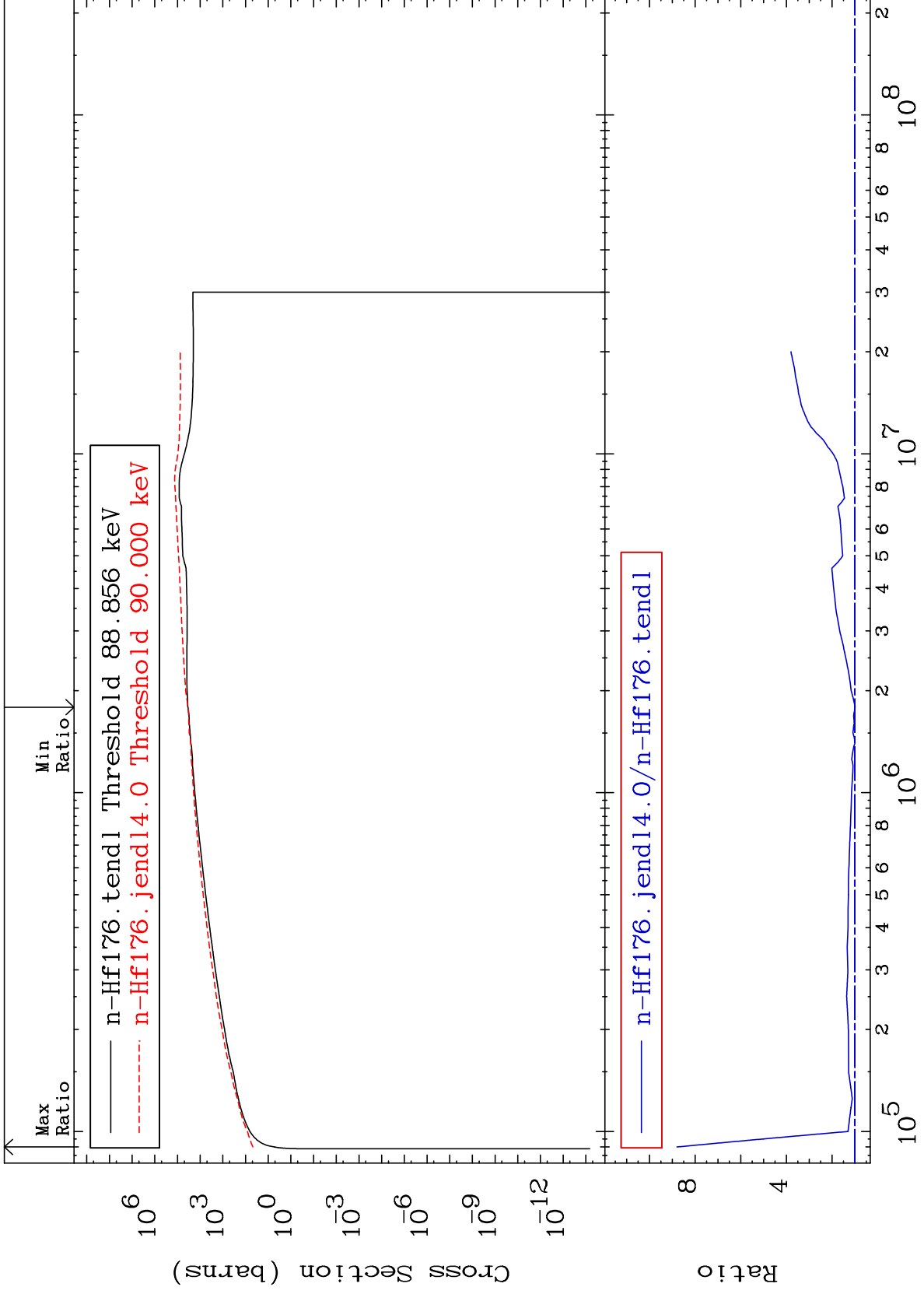
Incident Energy (eV)

72-Hf-176

MAT 7231

Dpa inelastic (mt51-91)
Cross Section

72-Hf-176
-1.305 To 779.6 %



61

Incident Energy (eV)

72-Hf-176

