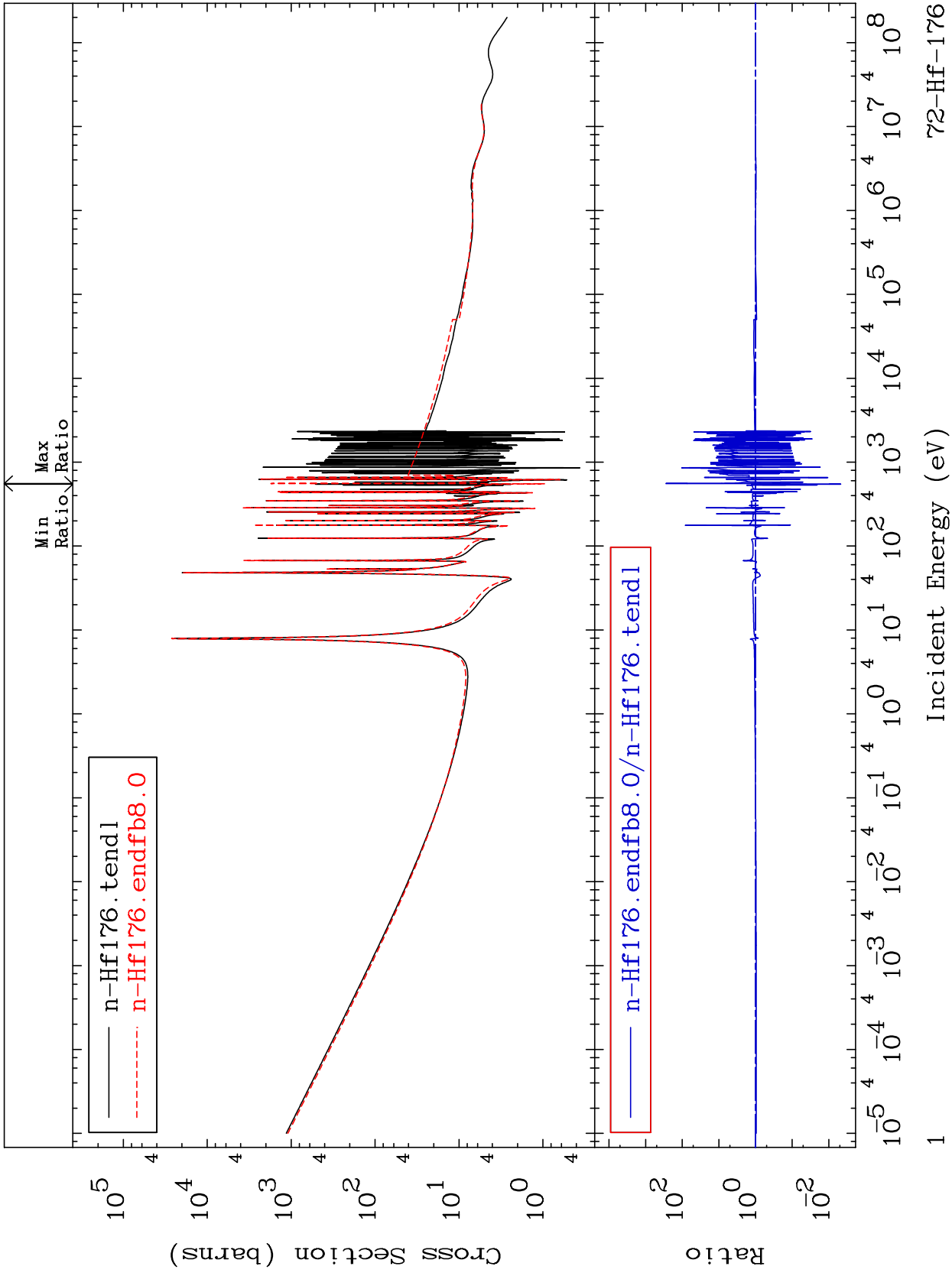


MAT 7231

Total
Cross Section

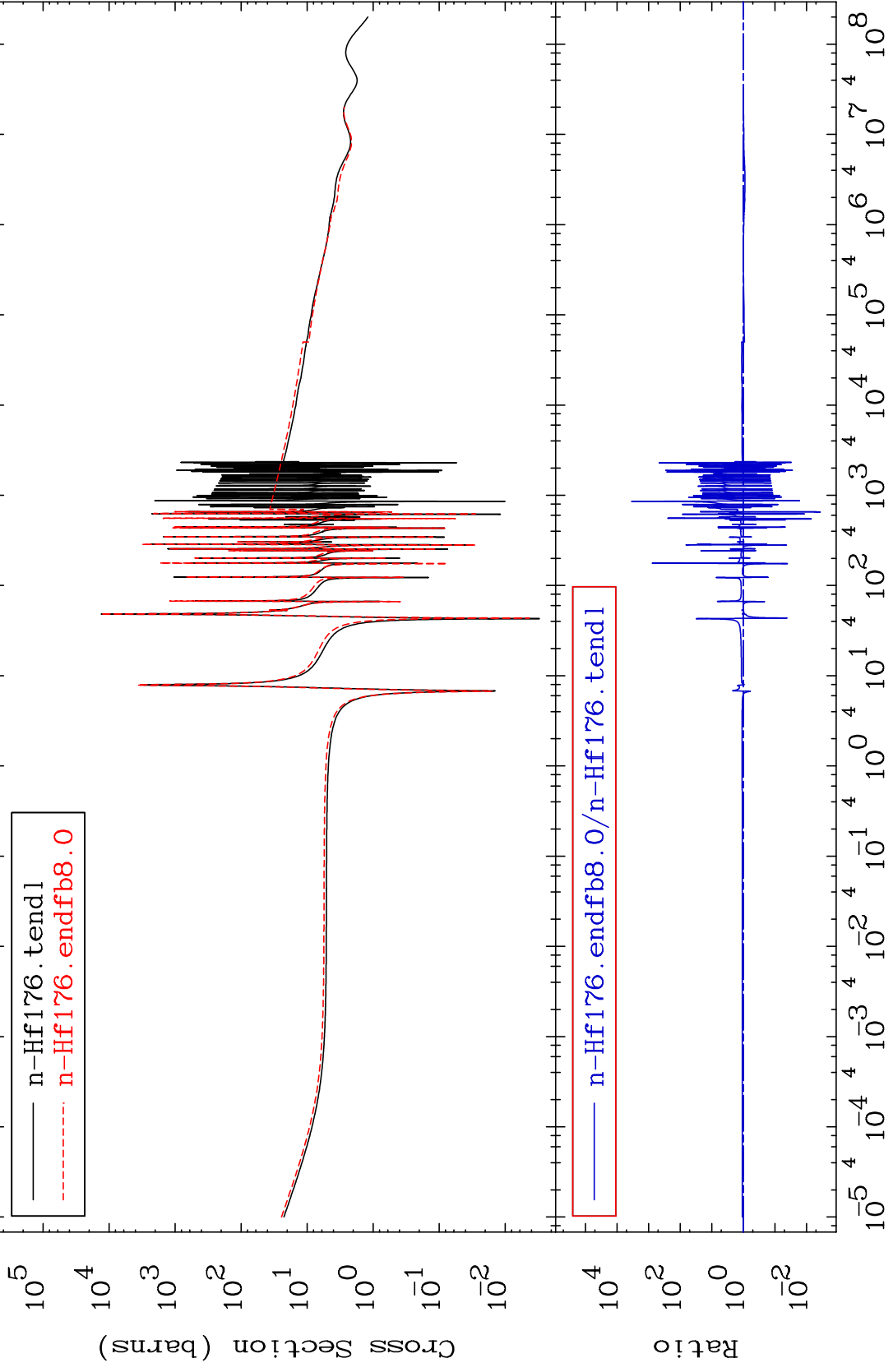
72-Hf-176
-99.52 To 9999. %



MAT 7231

Elastic
Cross Section

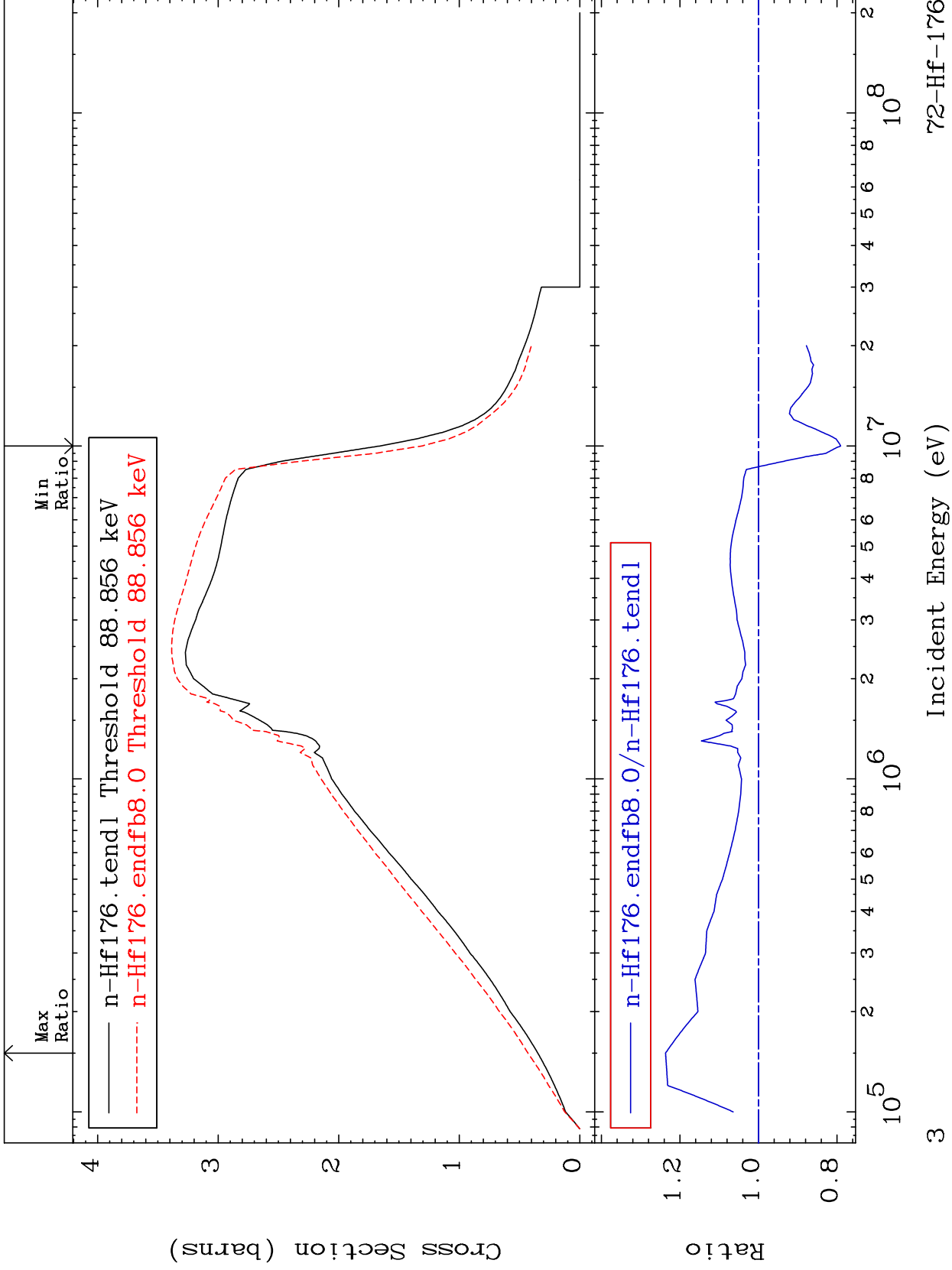
72-Hf-176
-99.63 To 9999. %



MAT 7231

Inelastic
Cross Section

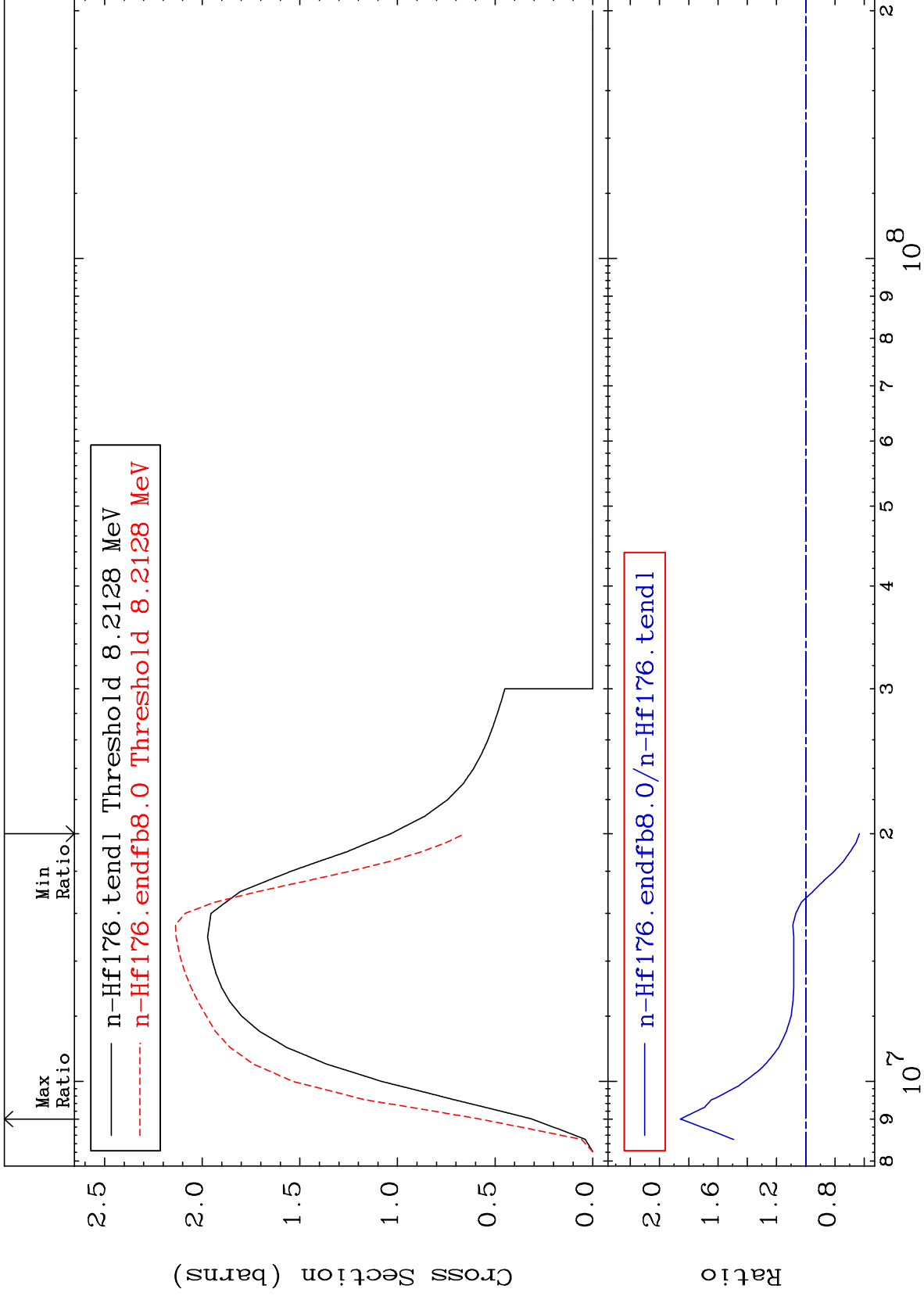
72-Hf-176
-20.93 To 23.67 %



MAT 7231

(n,2n)
Cross Section

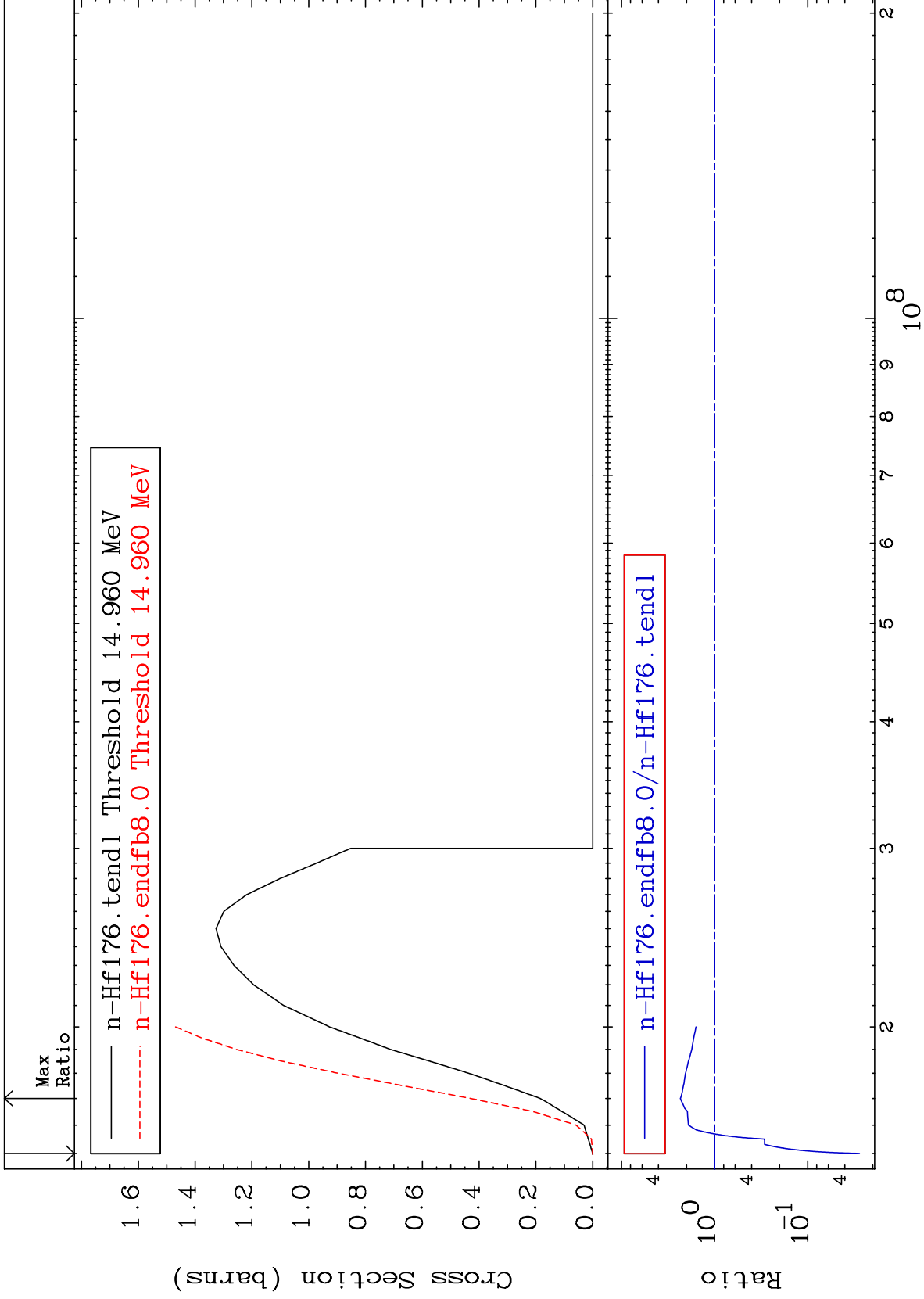
72-Hf-176
-36.71 To 85.75 %



4

Incident Energy (eV)

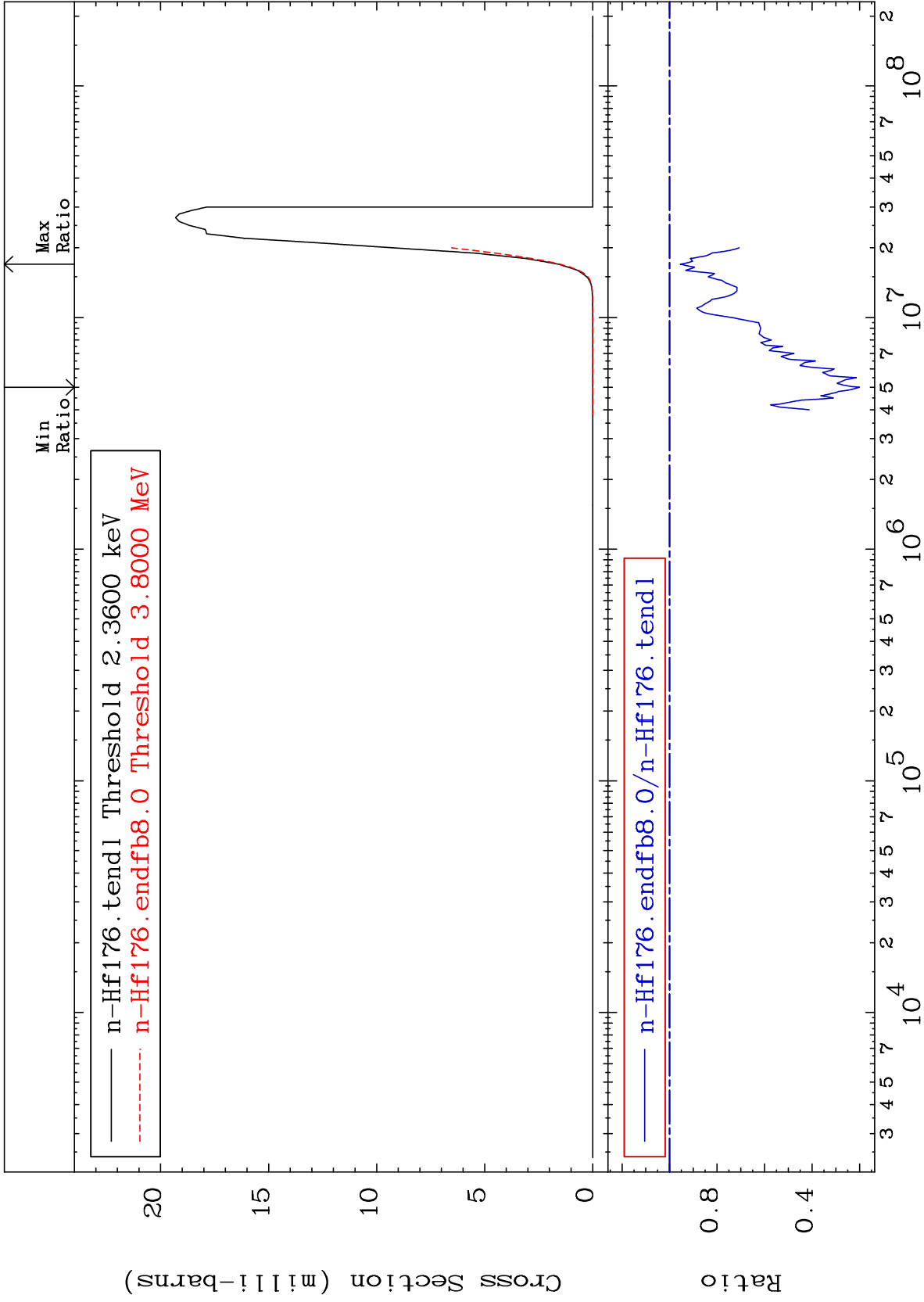
72-Hf-176



MAT 7231

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

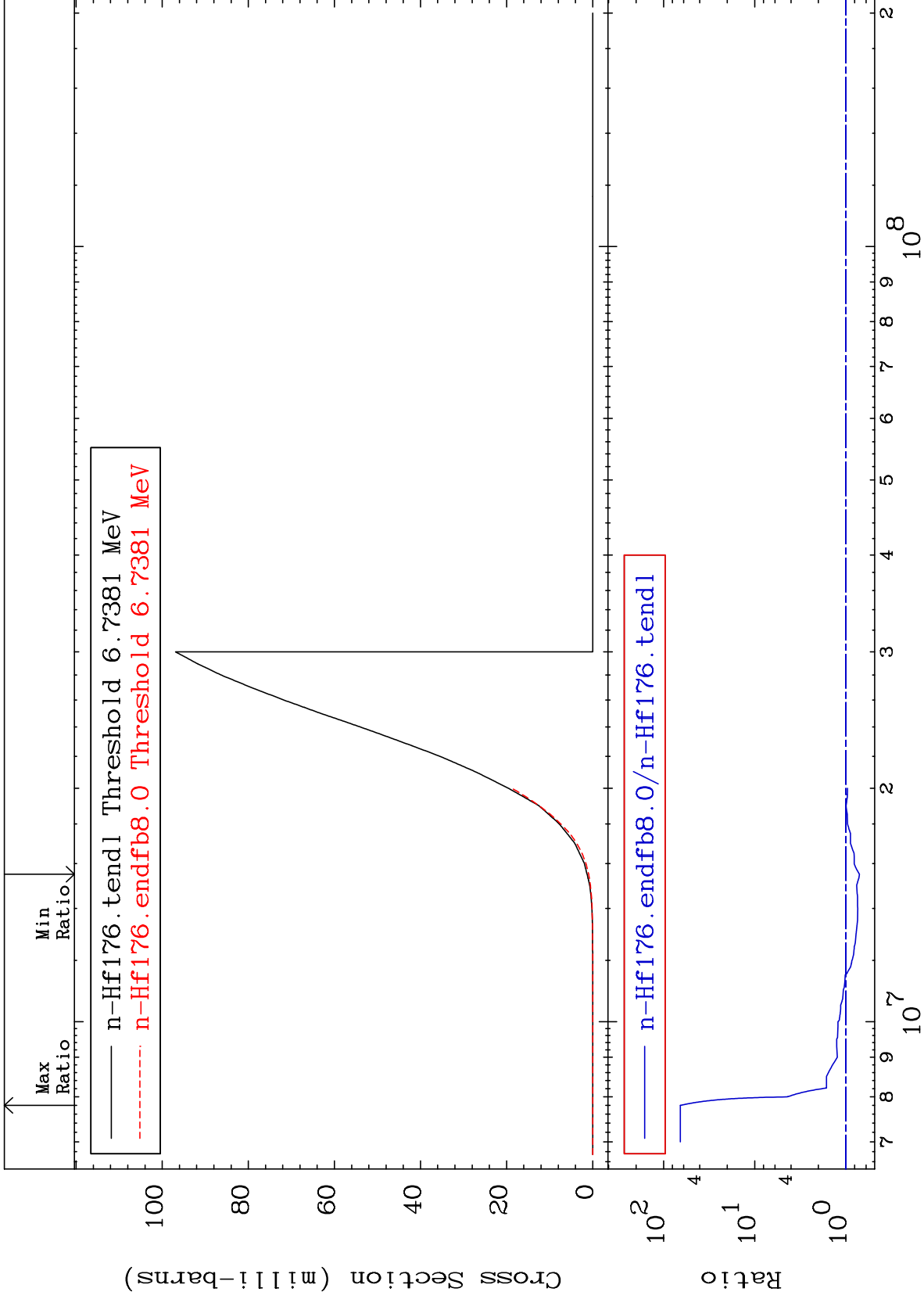
72-Hf-176
-79.90 To -4.542%



MAT 7231

(n,n') p
Cross Section

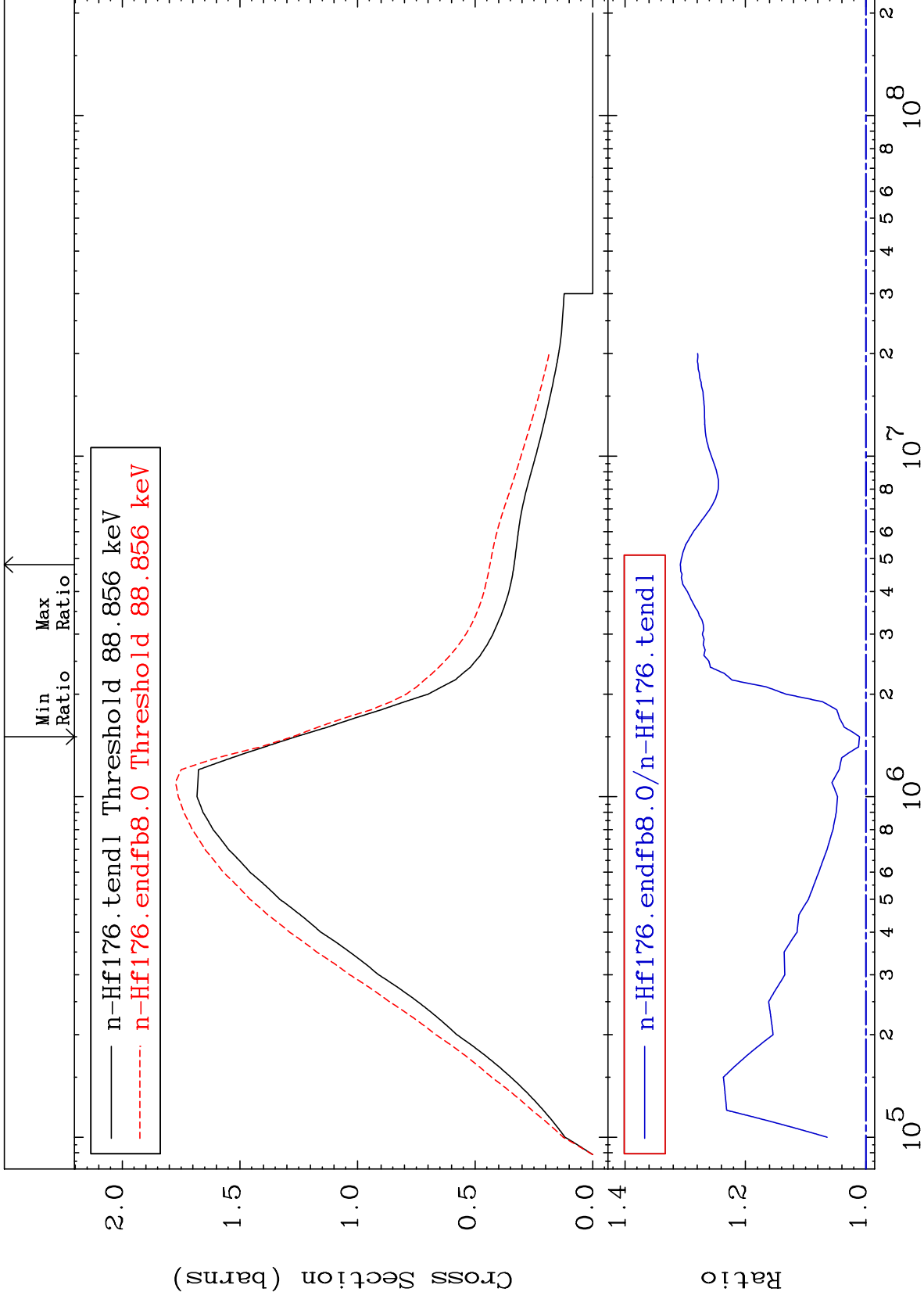
72-Hf-176
-29.09 To 6437. %



MAT 7231

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

72-Hf-176
1.078 To 30.80 %



8

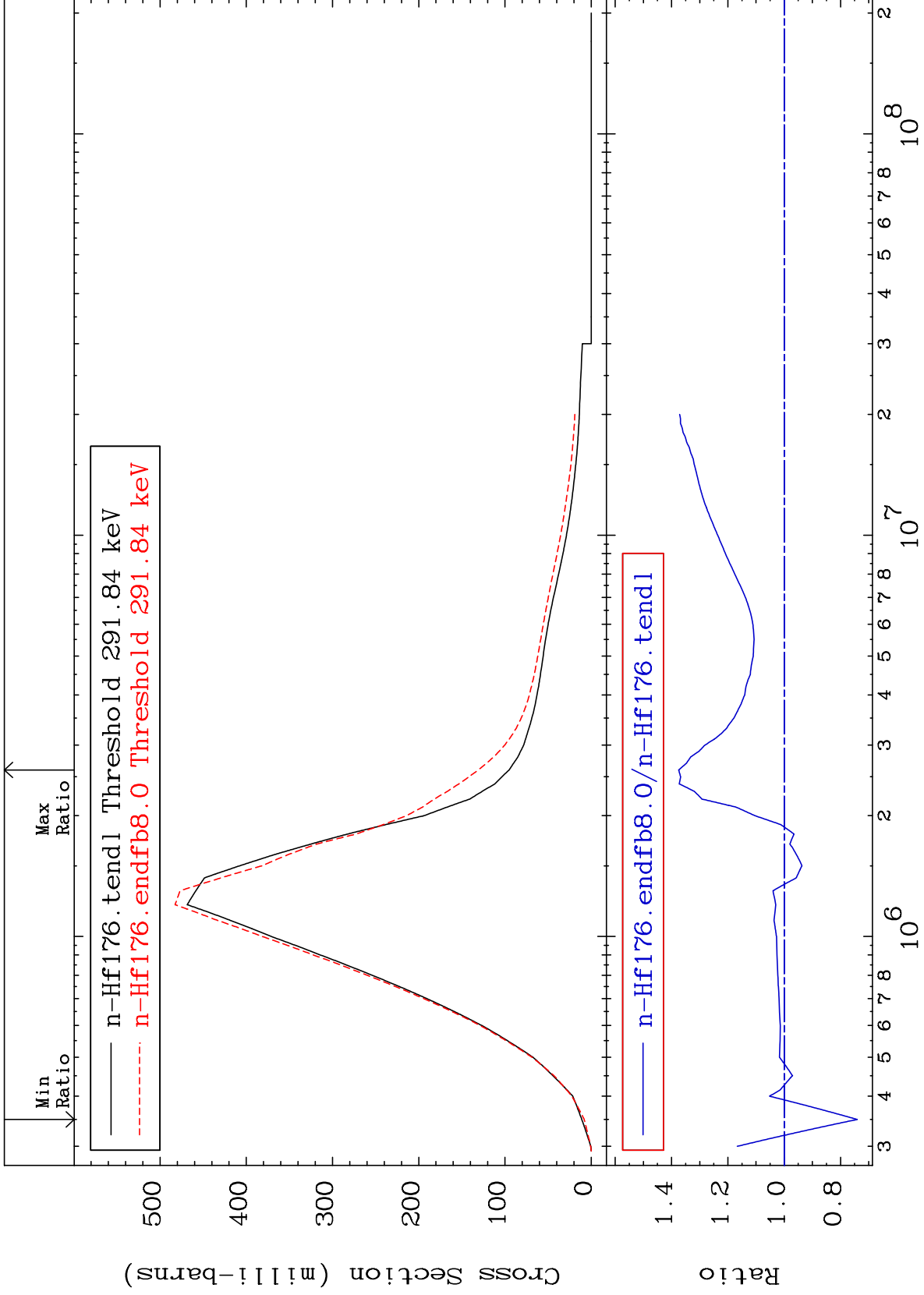
Incident Energy (eV)

72-Hf-176

MAT 7231

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

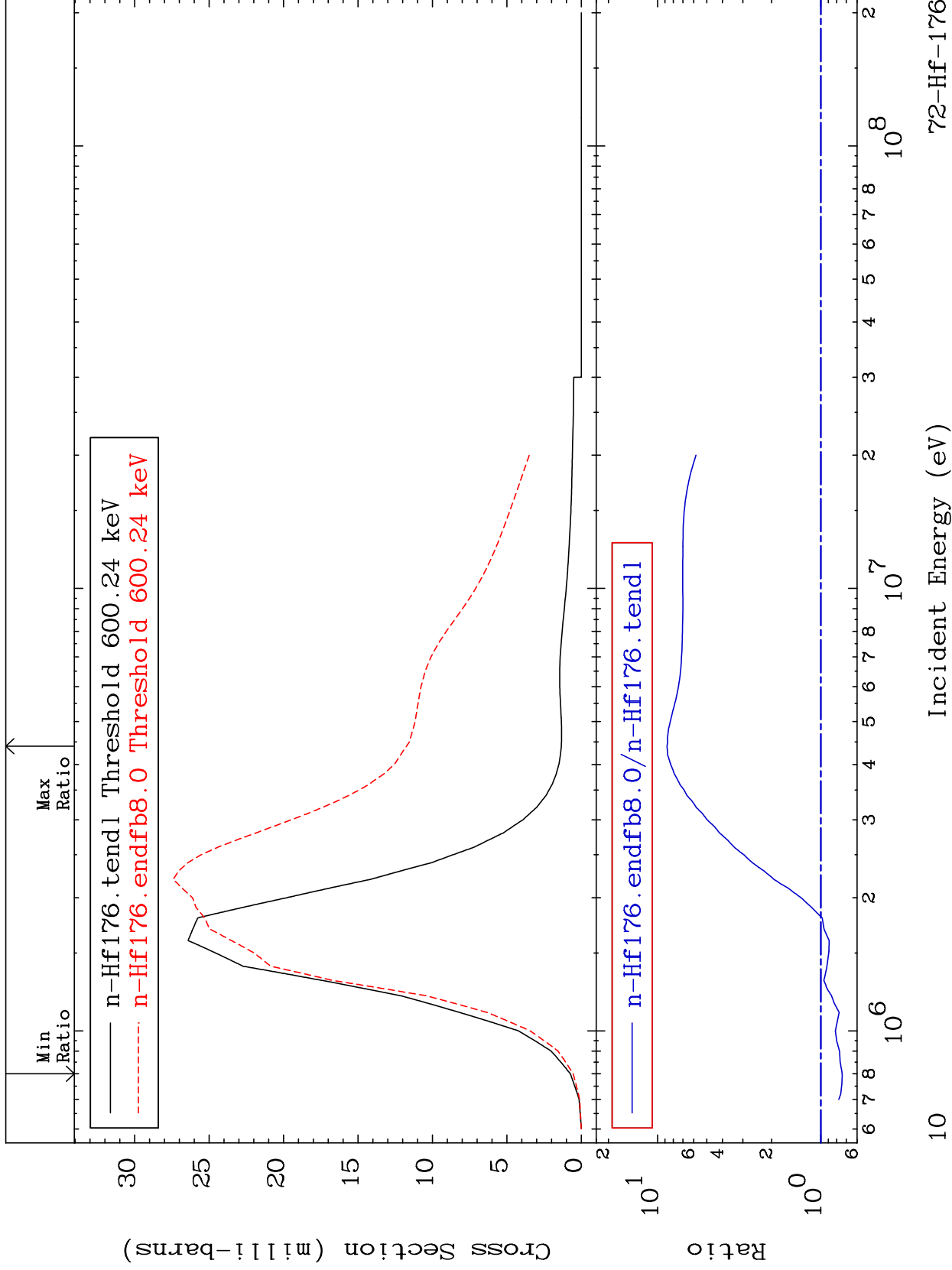
72-Hf-176
-25.94 To 37.48 %



MAT 7231

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

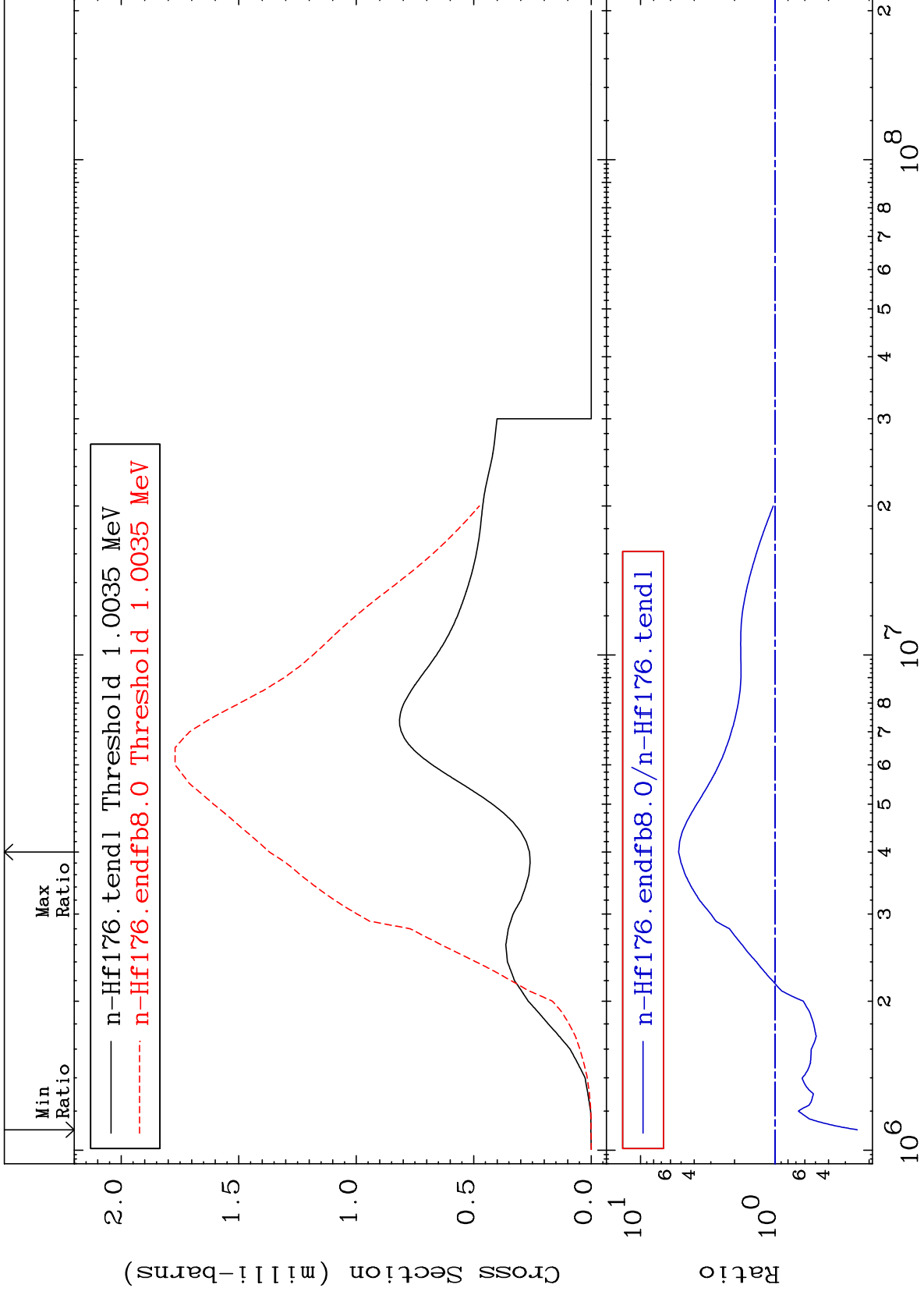
72-Hf-176
-25.96 To 774.7 %



MAT 7231

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

72-Hf-176
-75.53 To 421.3 %



11

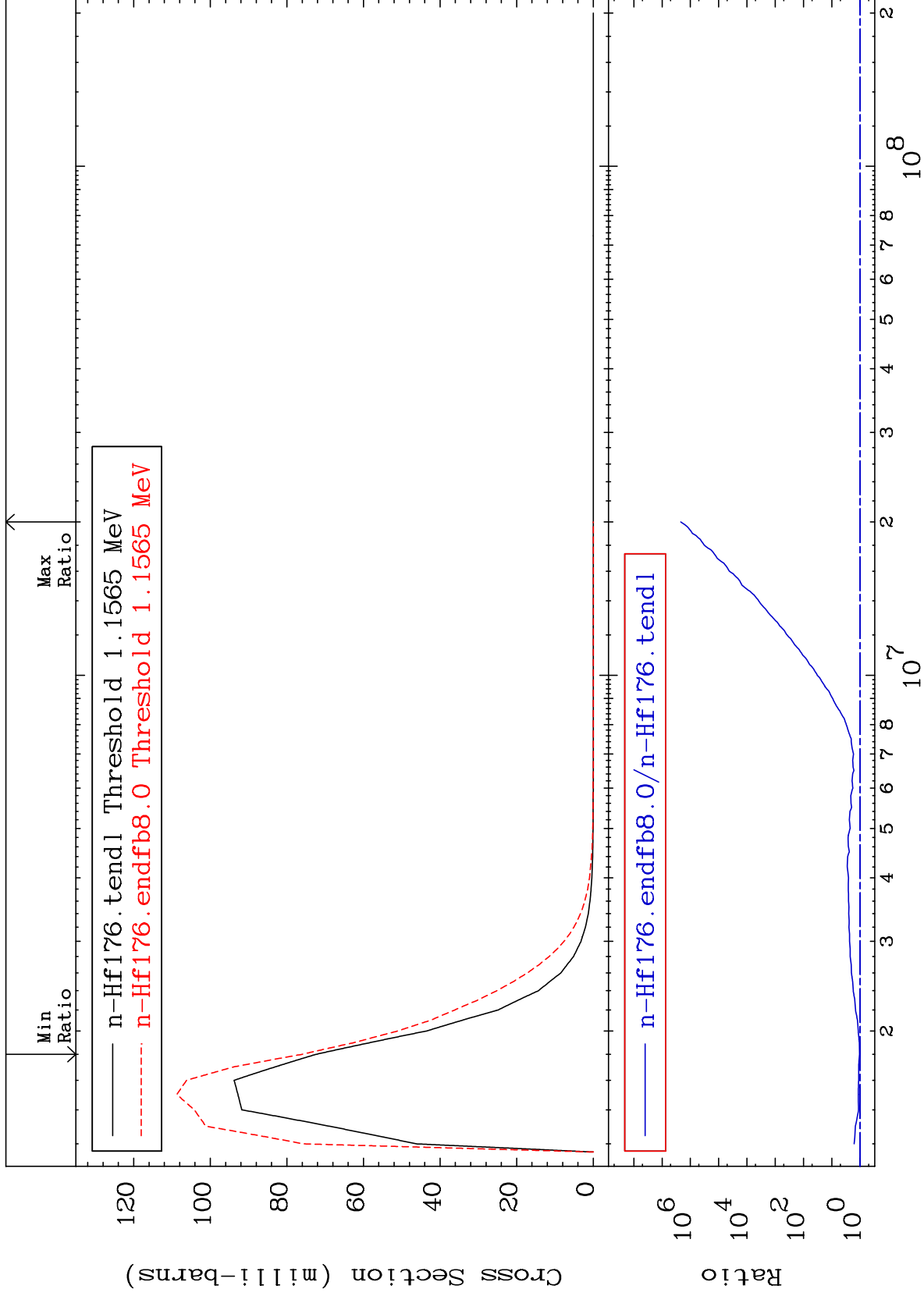
Incident Energy (eV)

72-Hf-176

MAT 7231

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

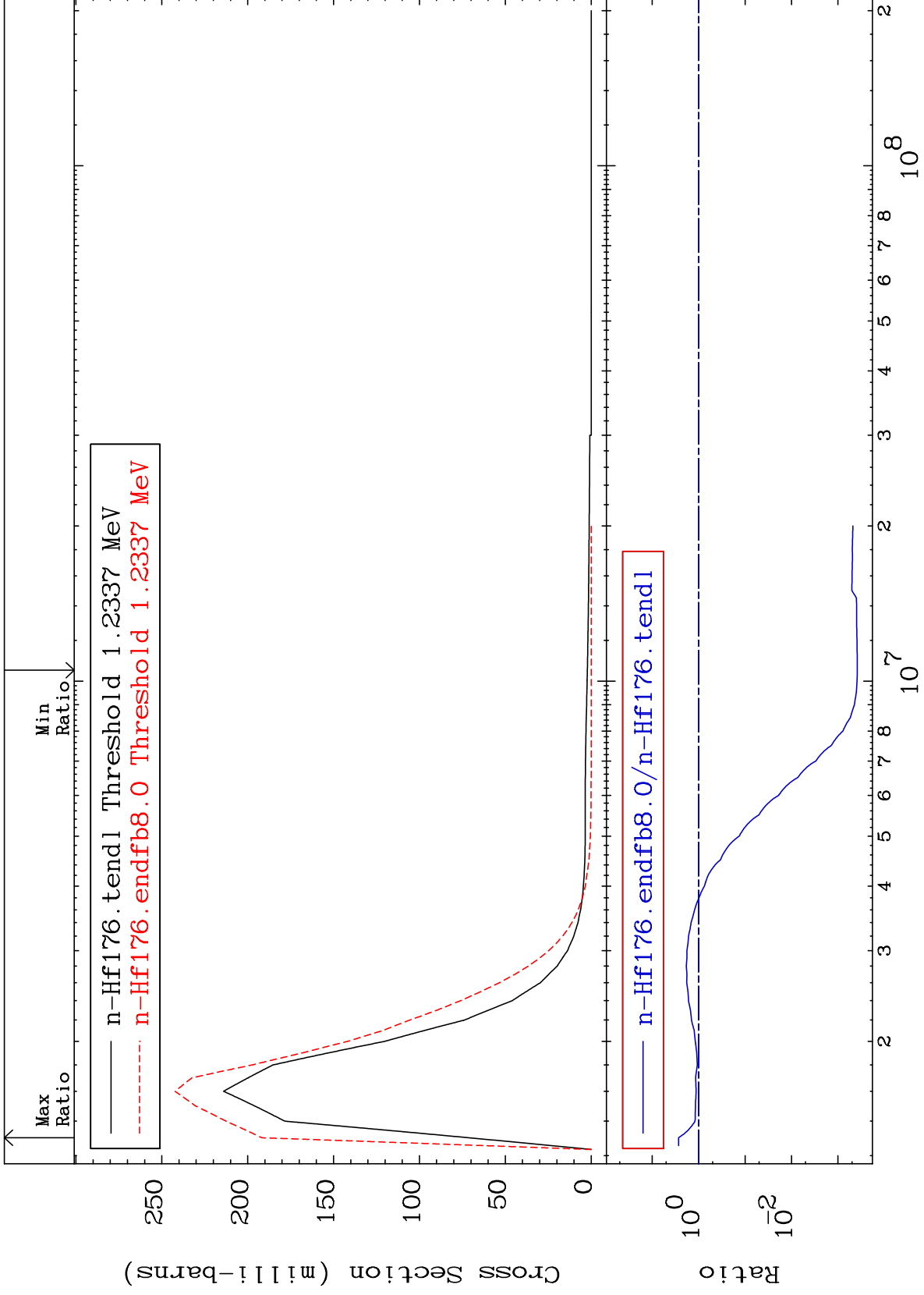
72-Hf-176
To 9999. %
5.070



MAT 7231

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

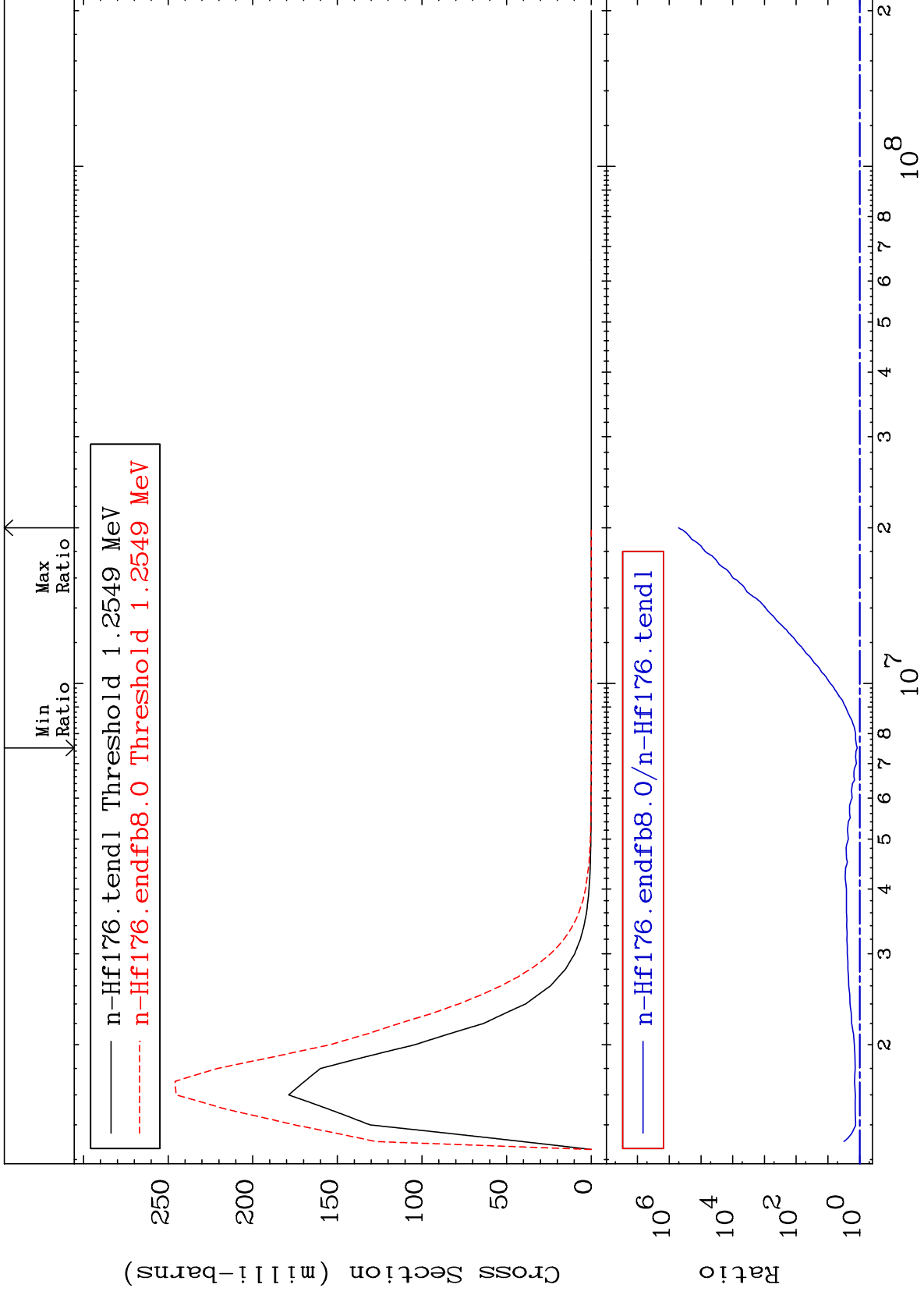
72-Hf-176
-99.96 To 169.5 %



MAT 7231

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

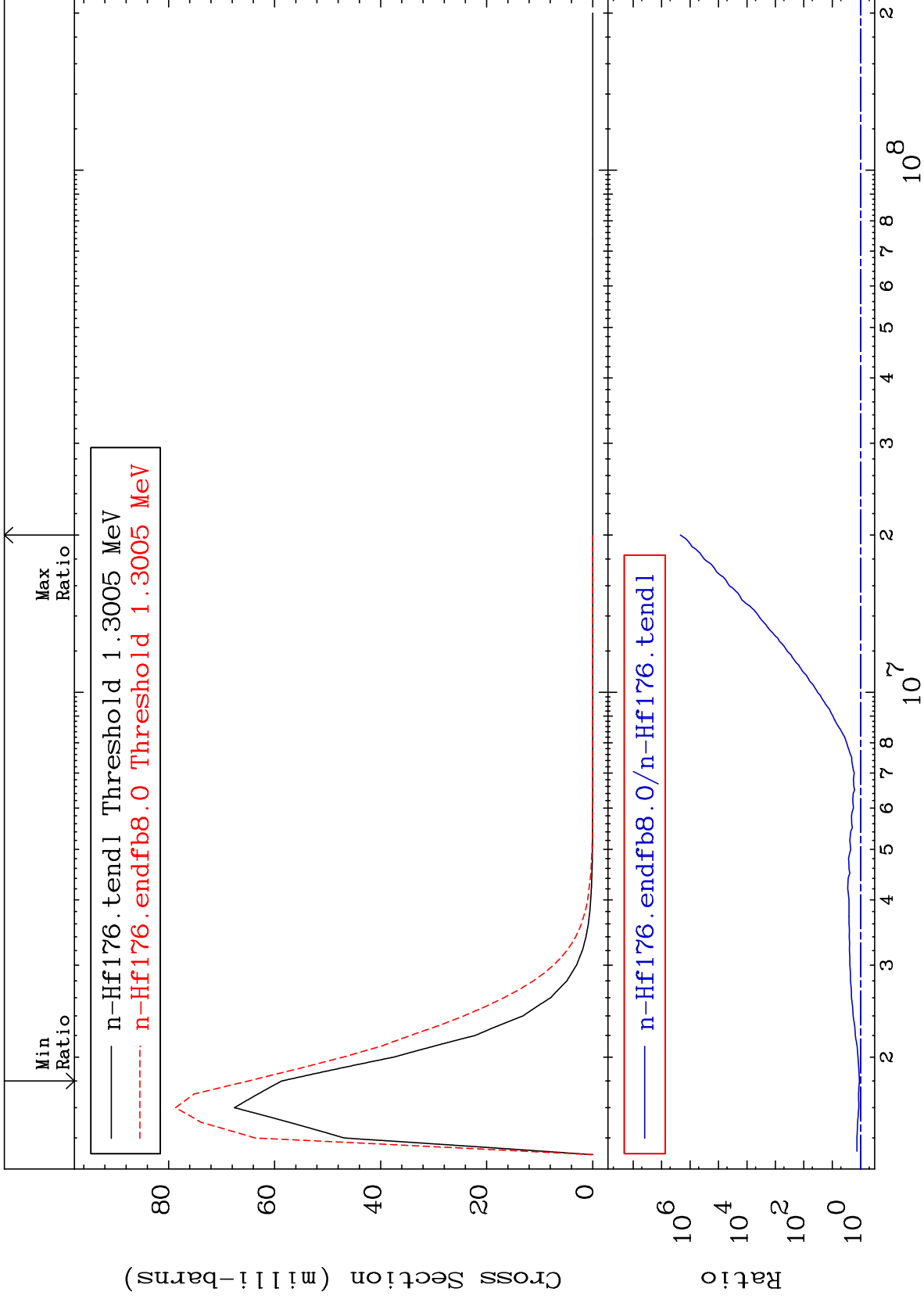
72-Hf-176
19.16 To 9999. %



MAT 7231

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

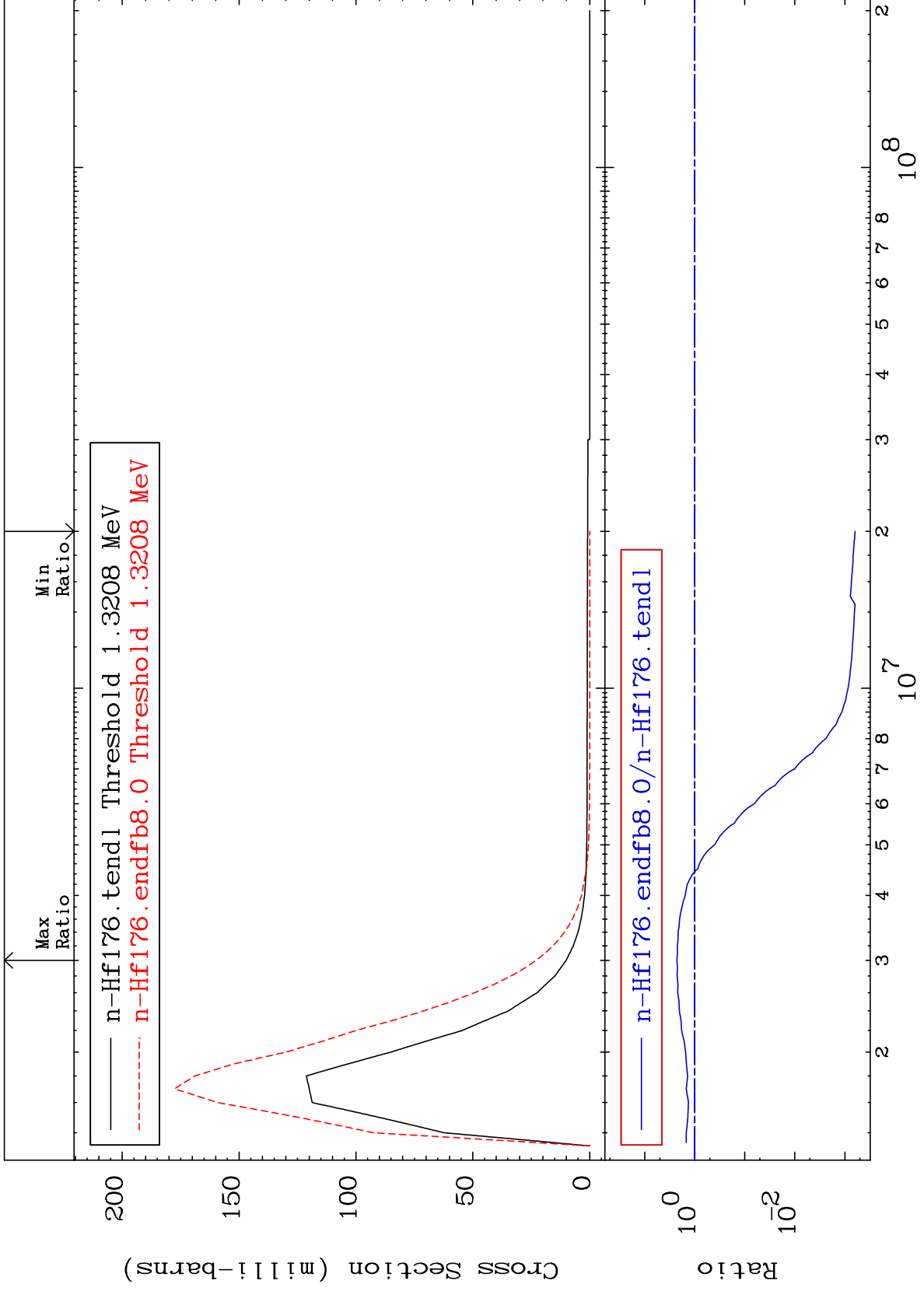
72-Hf-176
10.70 To 9999. %



MAT 7231

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

72-Hf-176
-99.94 To 127.9 %



16

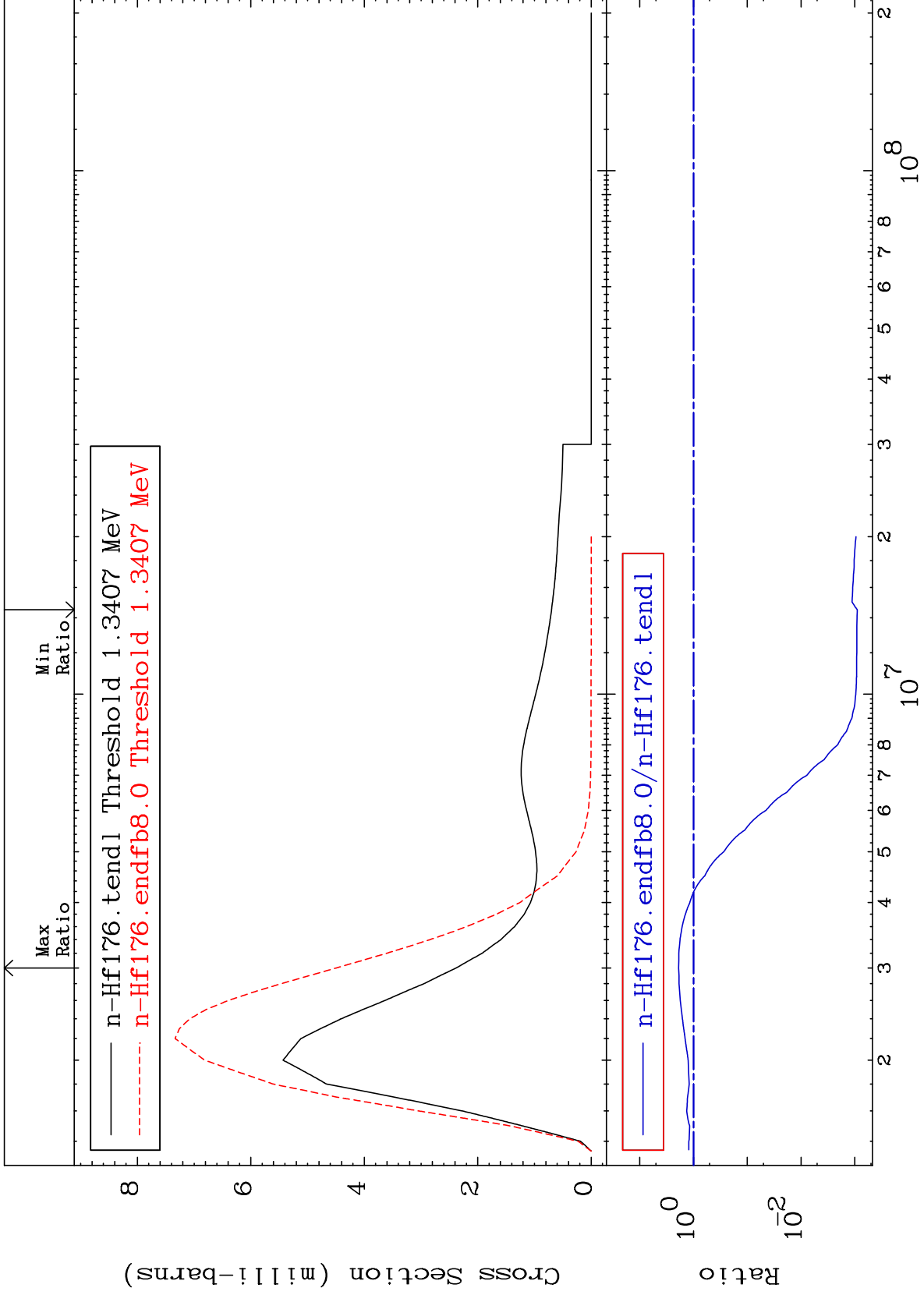
Incident Energy (eV)

72-Hf-176

MAT 7231

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

72-Hf-176
-99.91 To 88.84 %



17

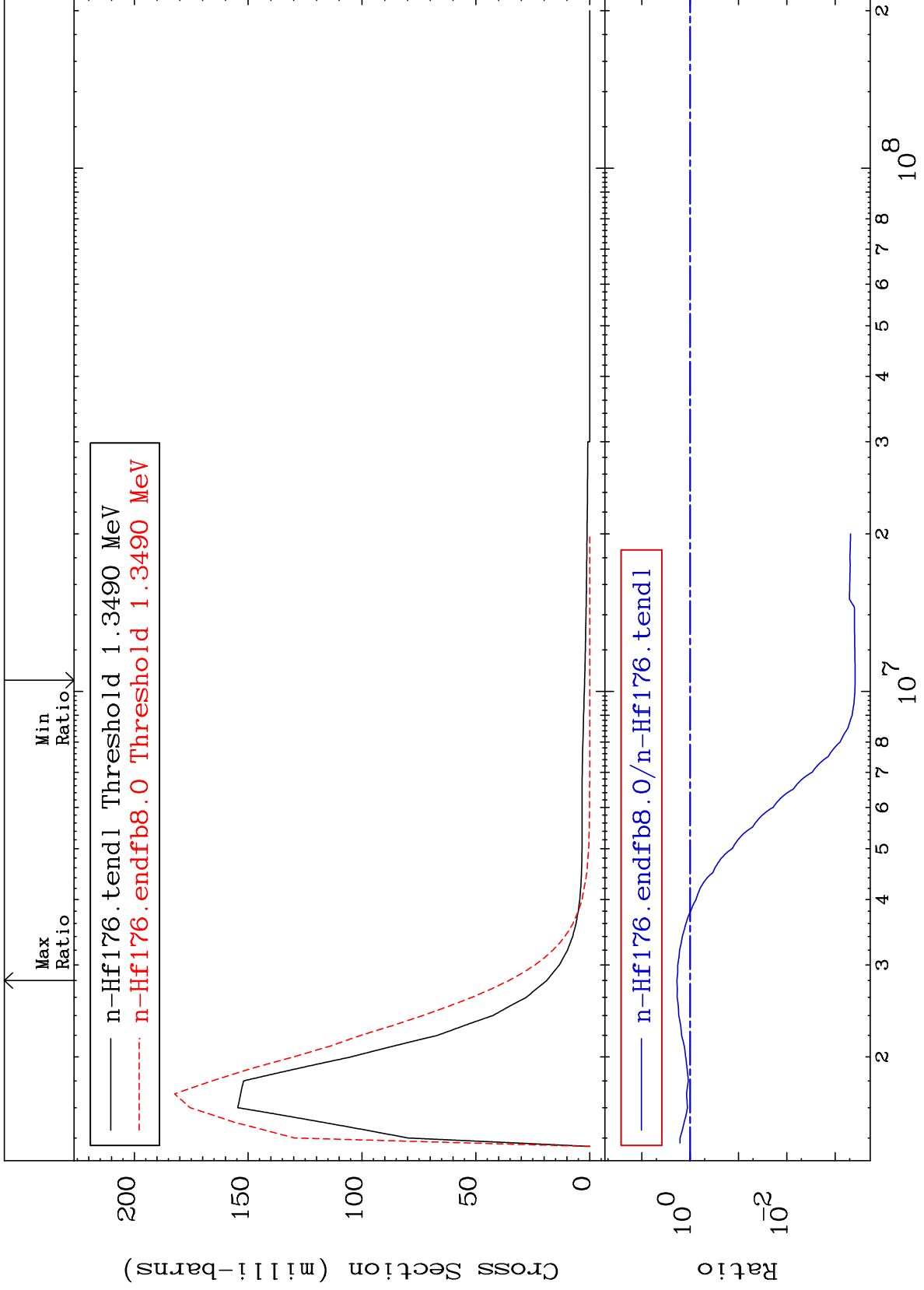
Incident Energy (eV)

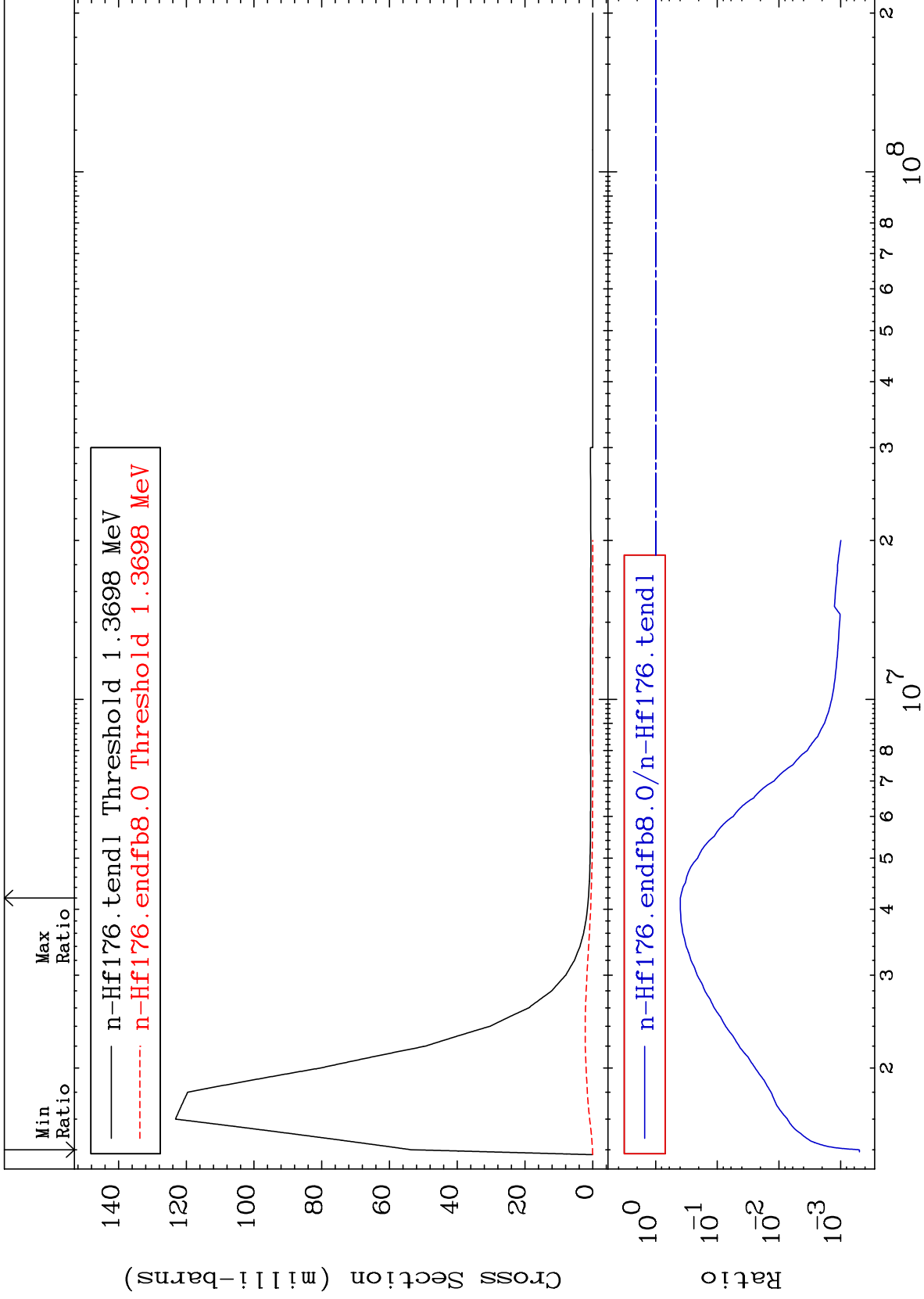
72-Hf-176

MAT 7231

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

72-Hf-176
-99.96 To 88.09 %

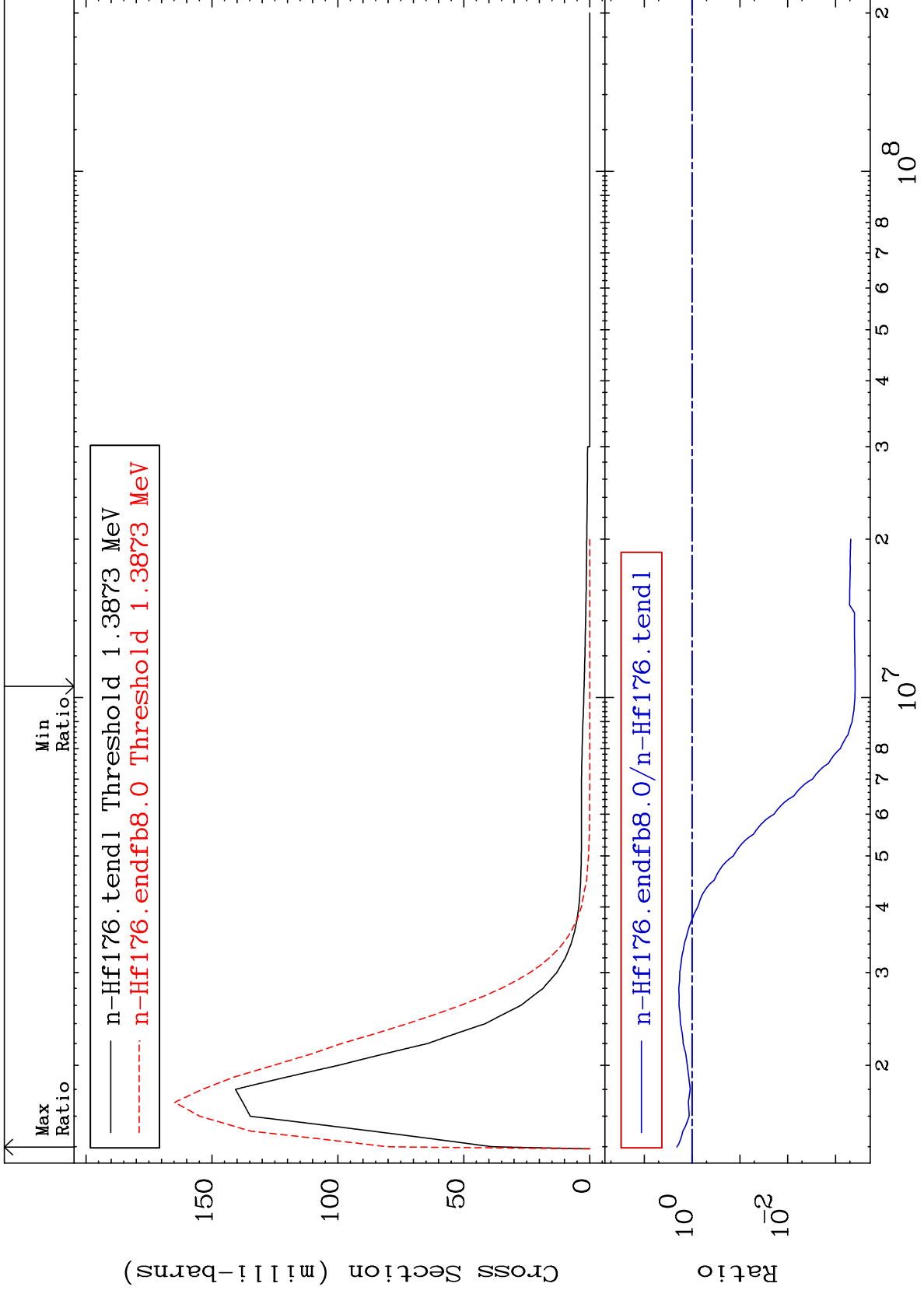




MAT 7231

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

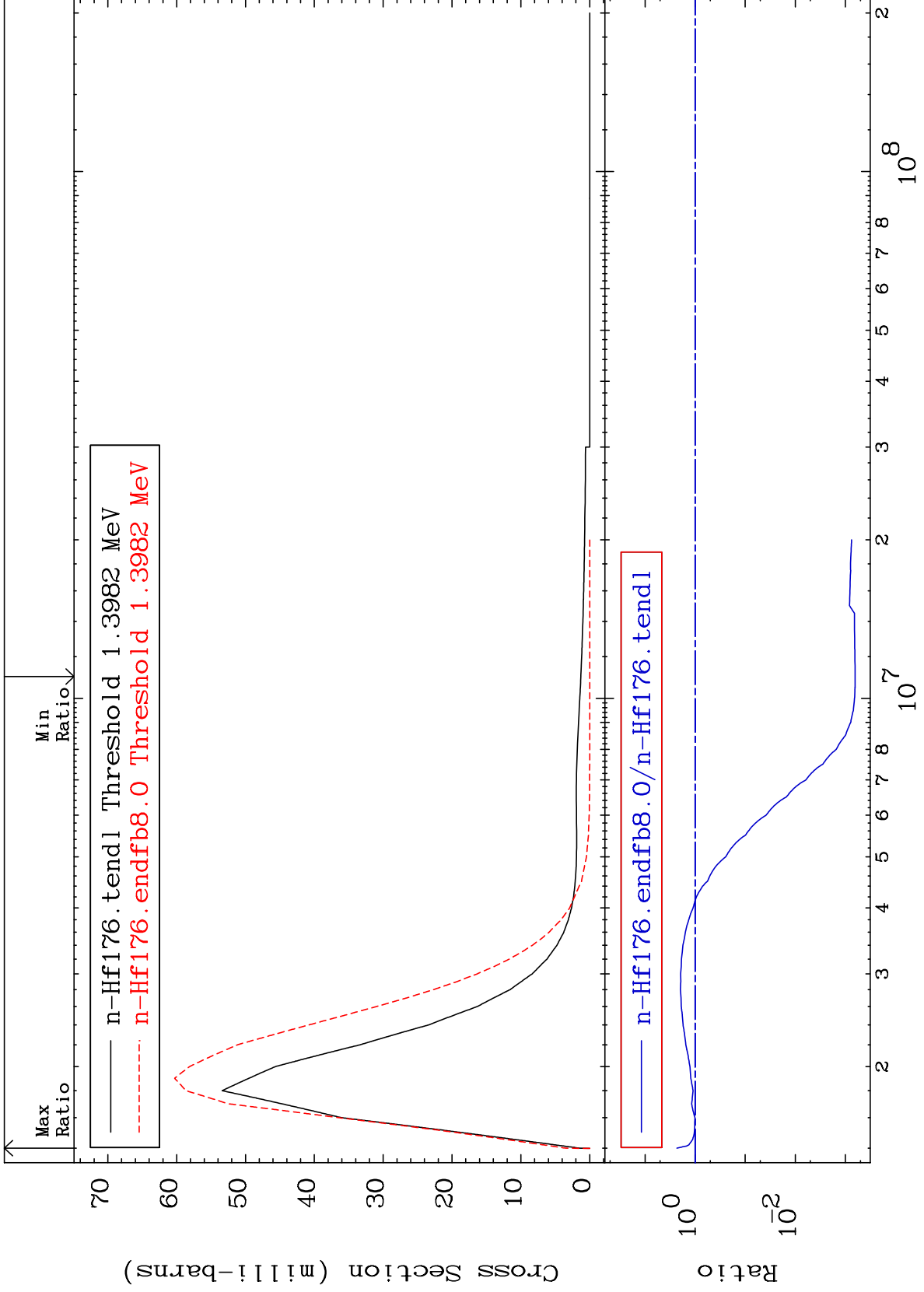
72-Hf-176
-99.96 To 107.3 %



MAT 7231

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

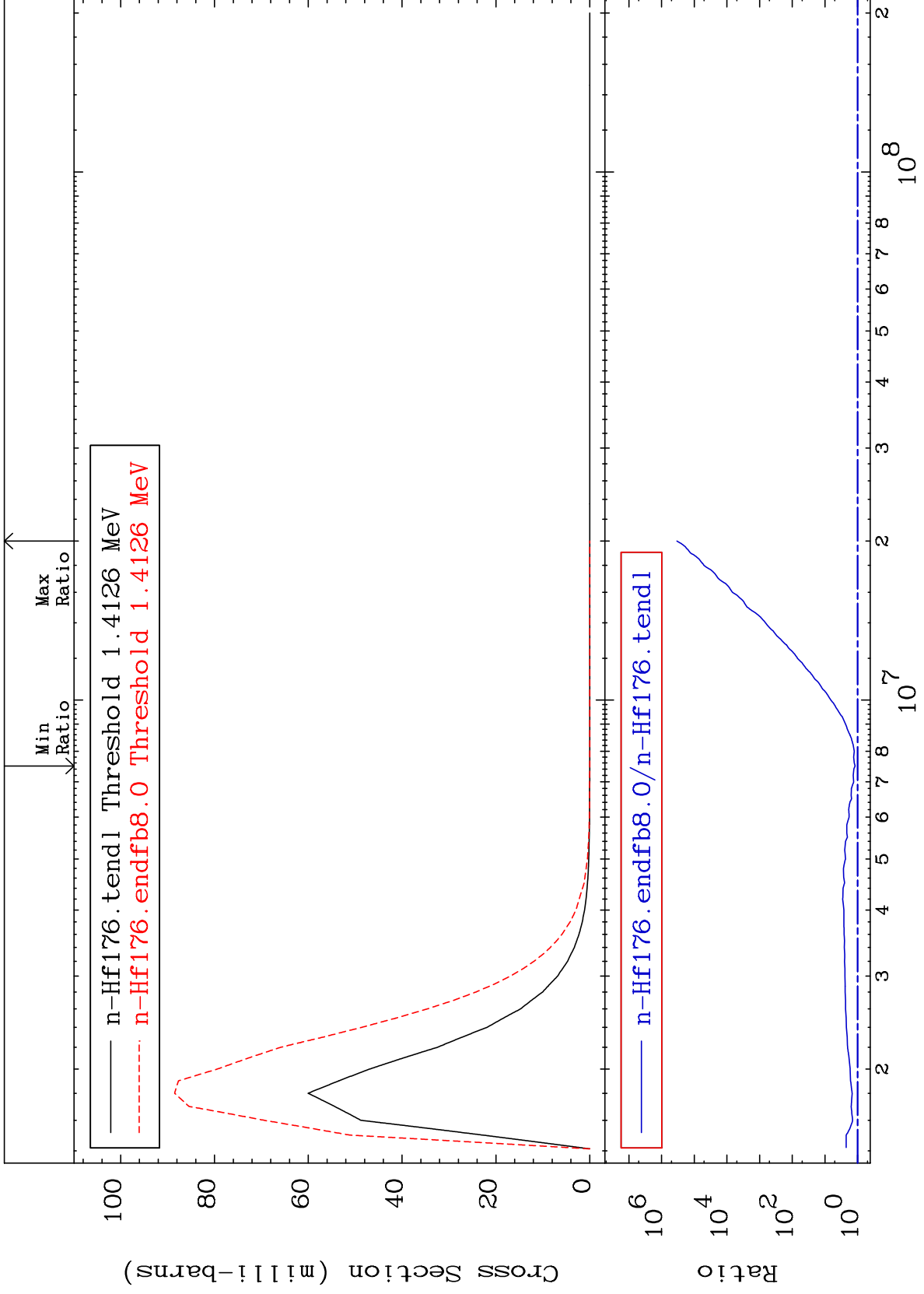
72-Hf-176
-99.94 To 131.0 %



MAT 7231

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

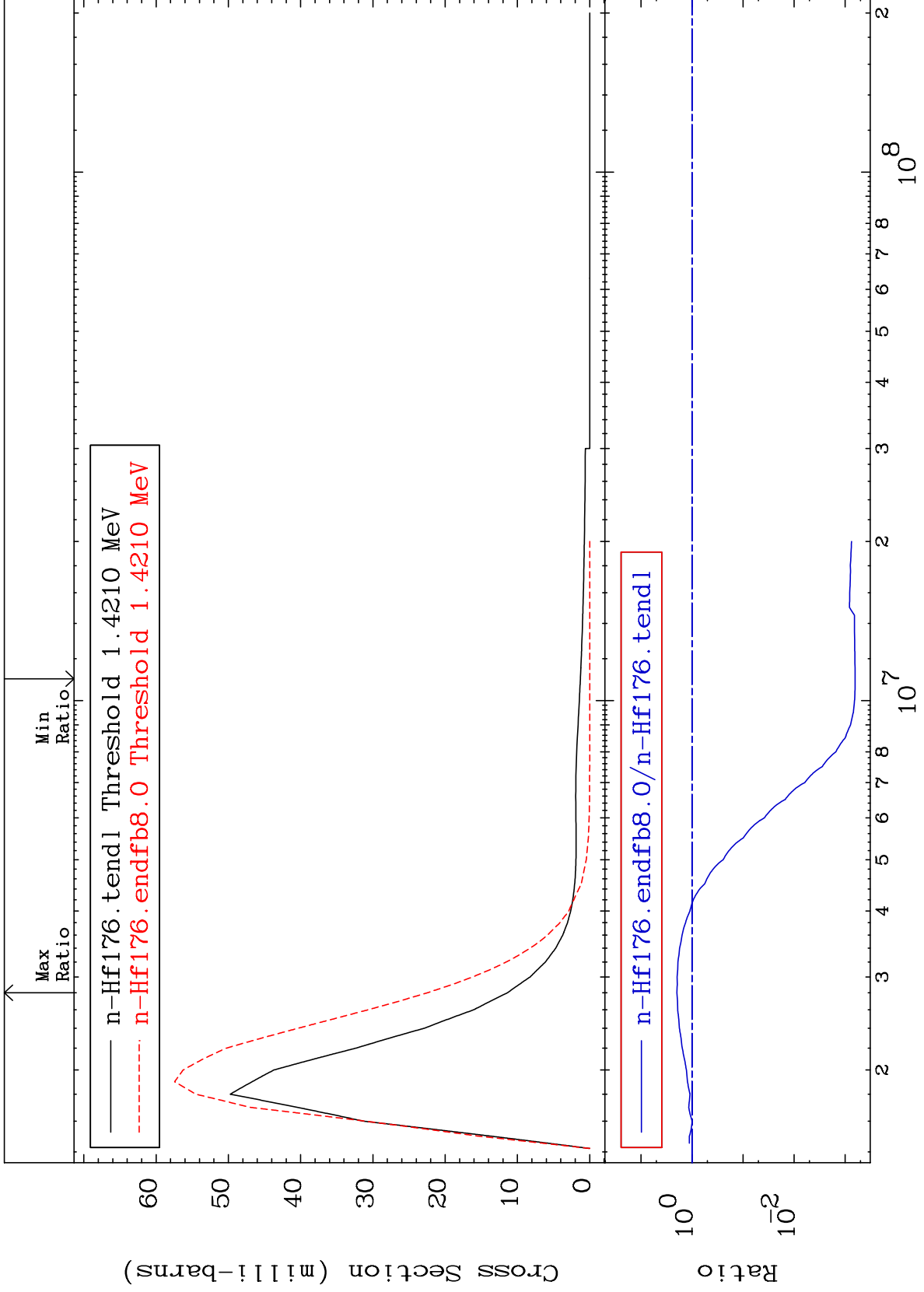
72-Hf-176
19.55 To 9999. %



MAT 7231

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

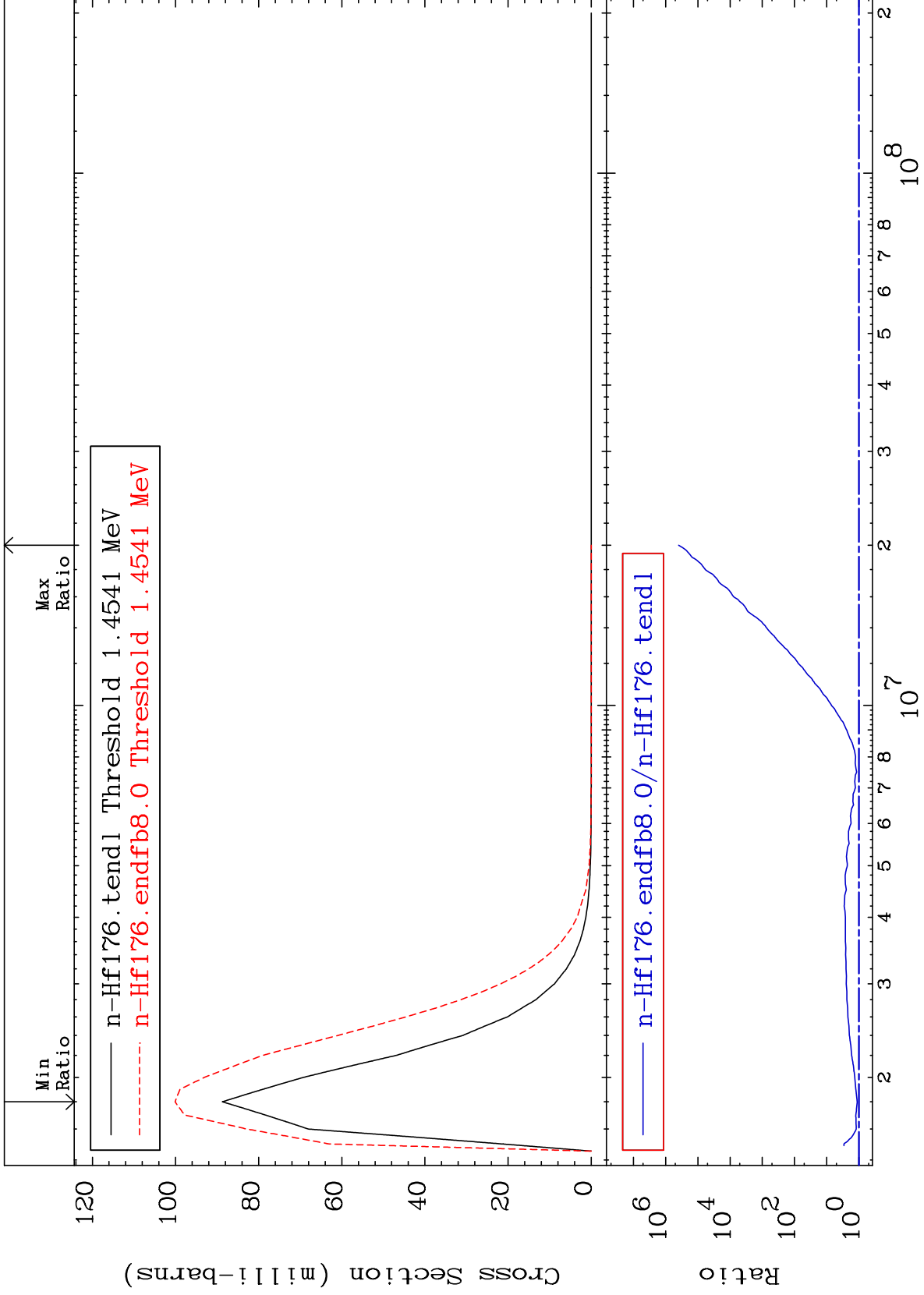
72-Hf-176
-99.94 To 97.24 %



MAT 7231

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

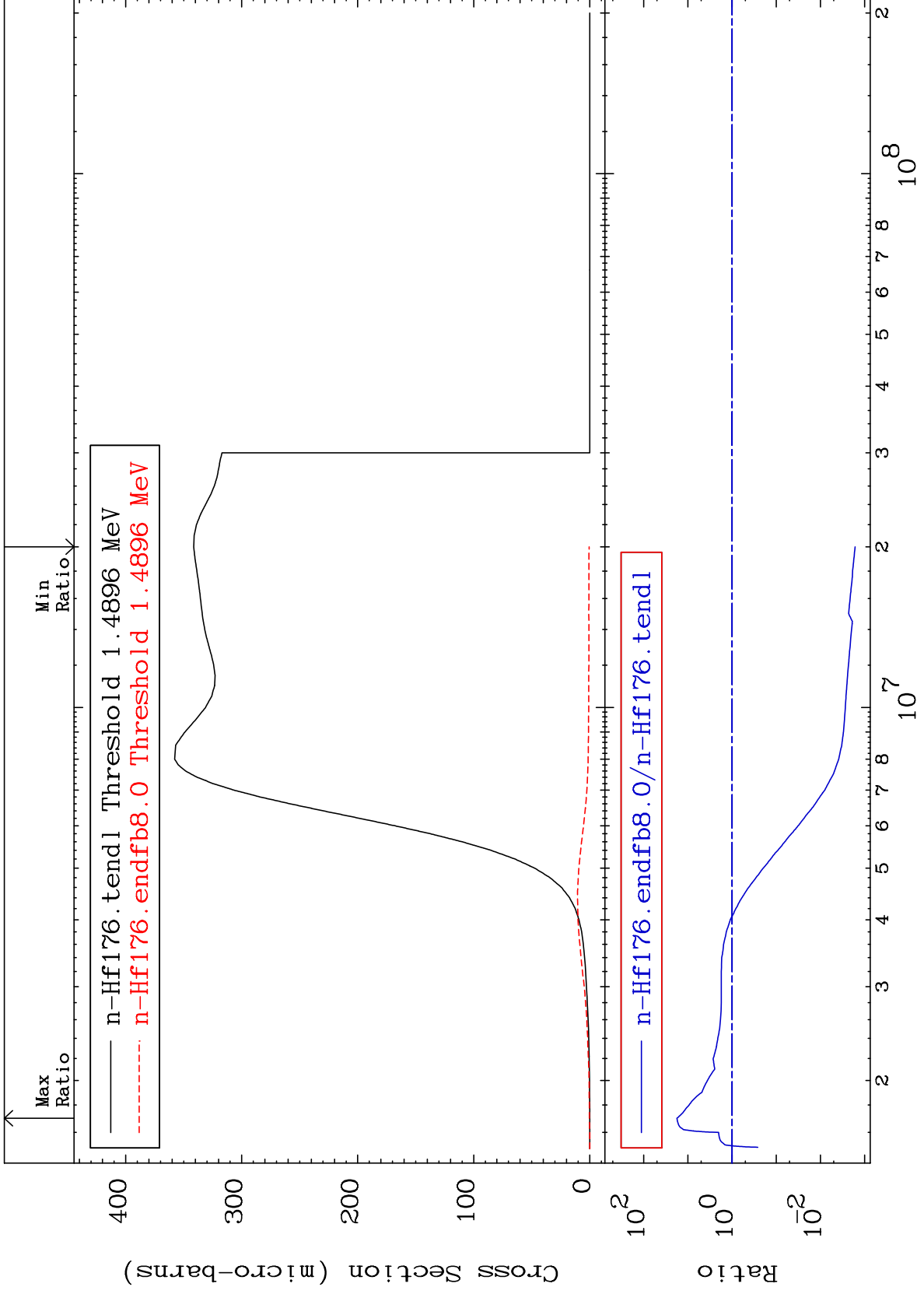
72-Hf-176
12.84 To 9999. %



MAT 7231

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

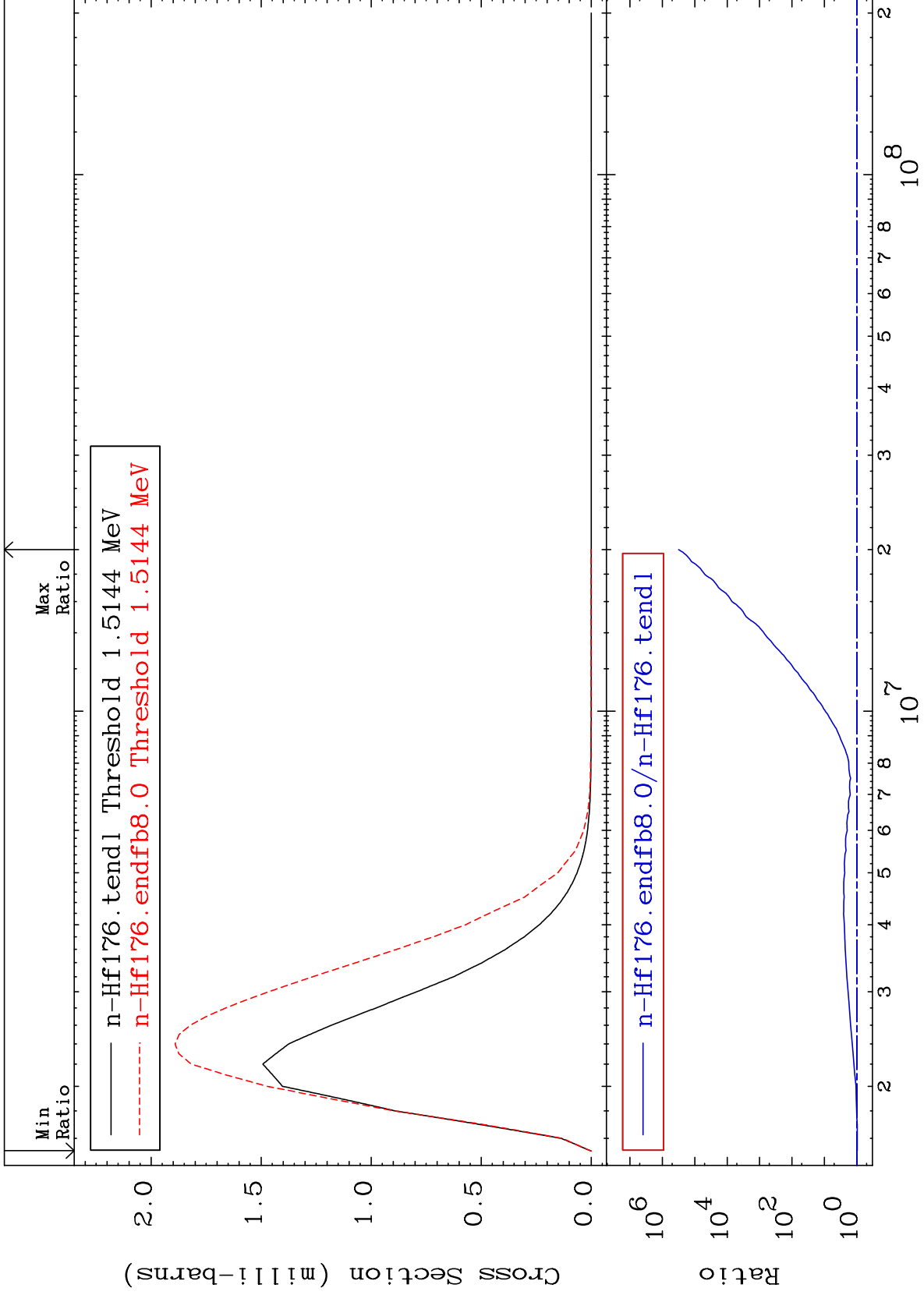
72-Hf-176
-99.84 To 1672. %



MAT 7231

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

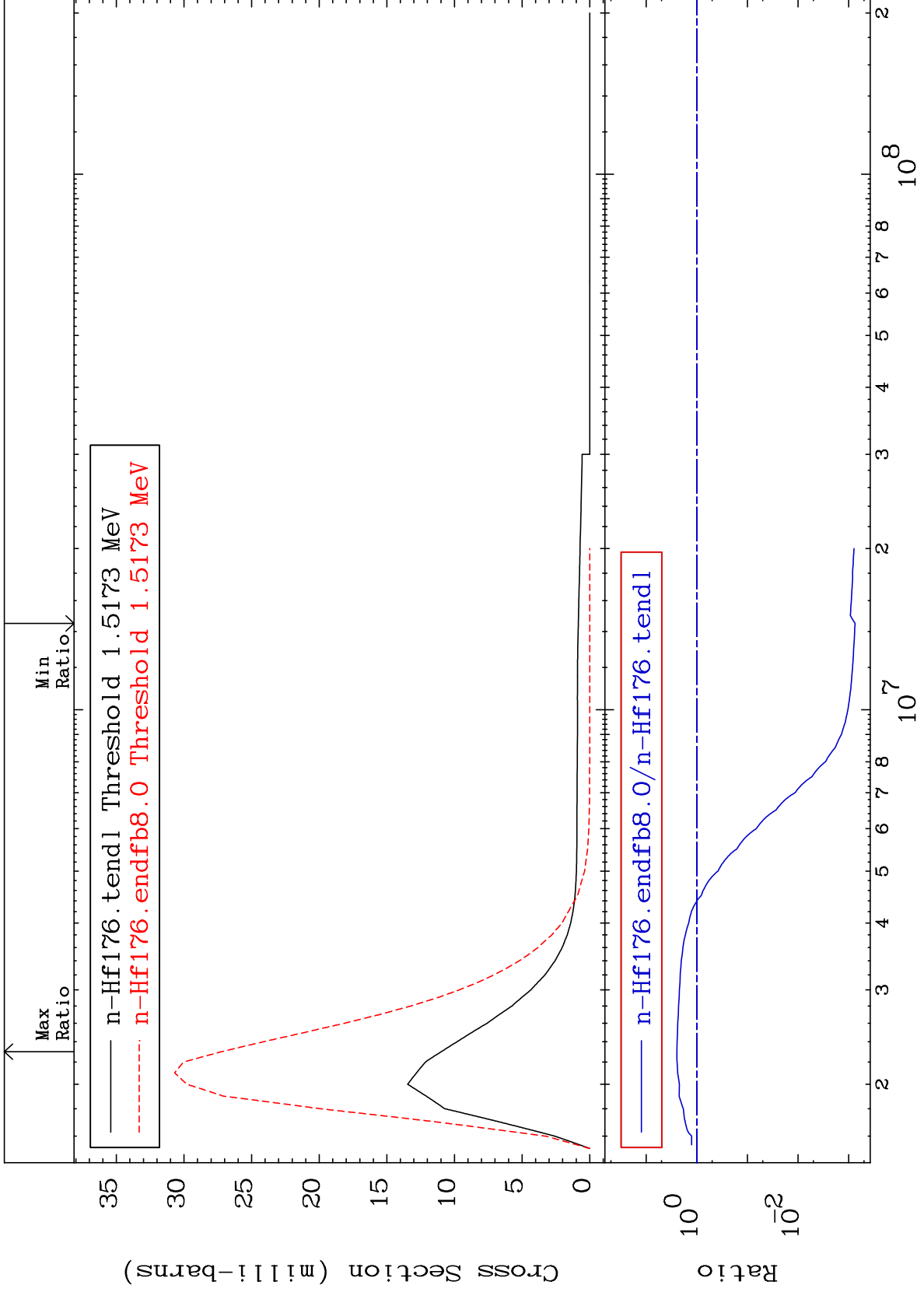
72-Hf-176
-3.416 To 9999. %



MAT 7231

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

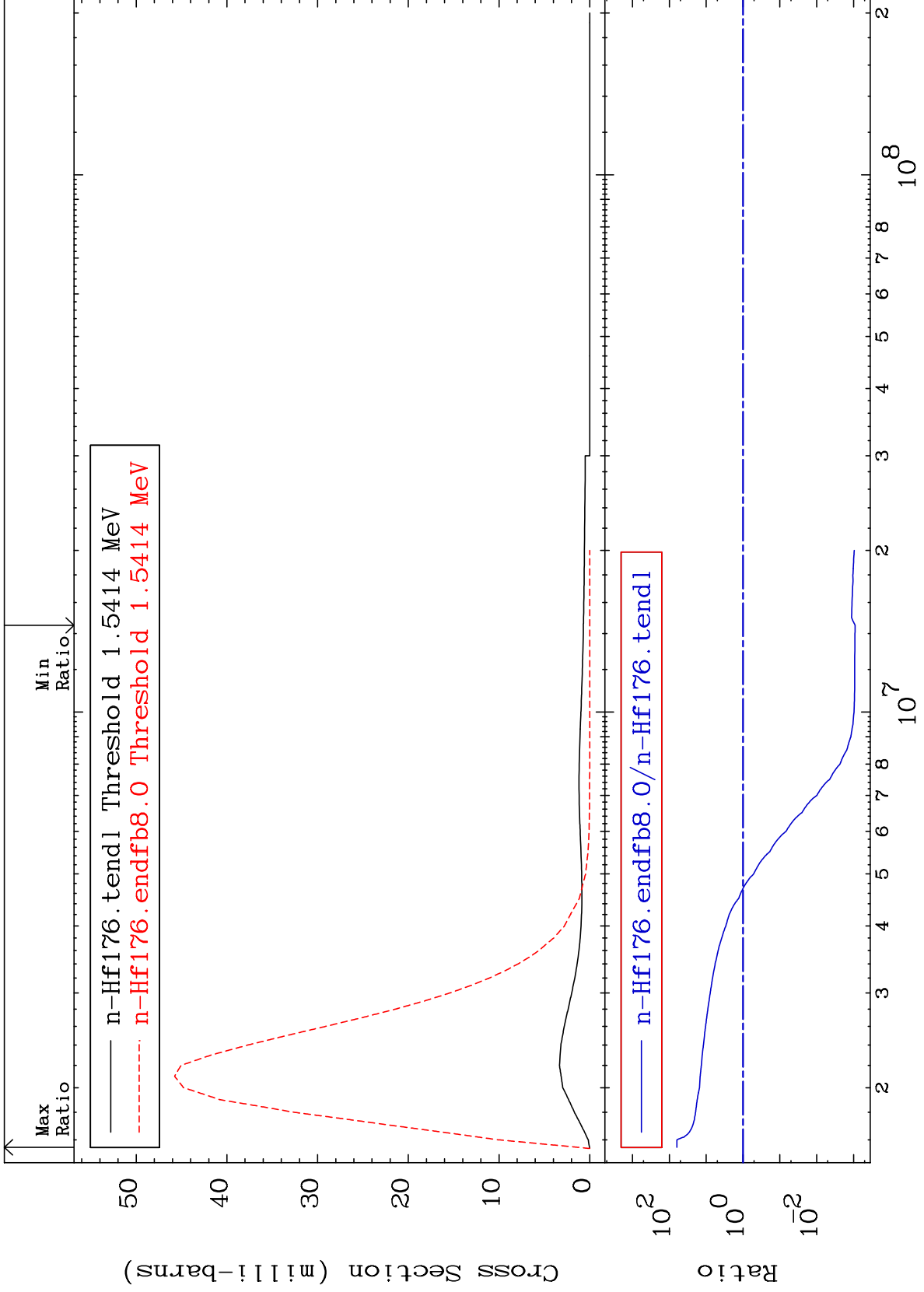
72-Hf-176
-99.93 To 147.8 %



MAT 7231

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

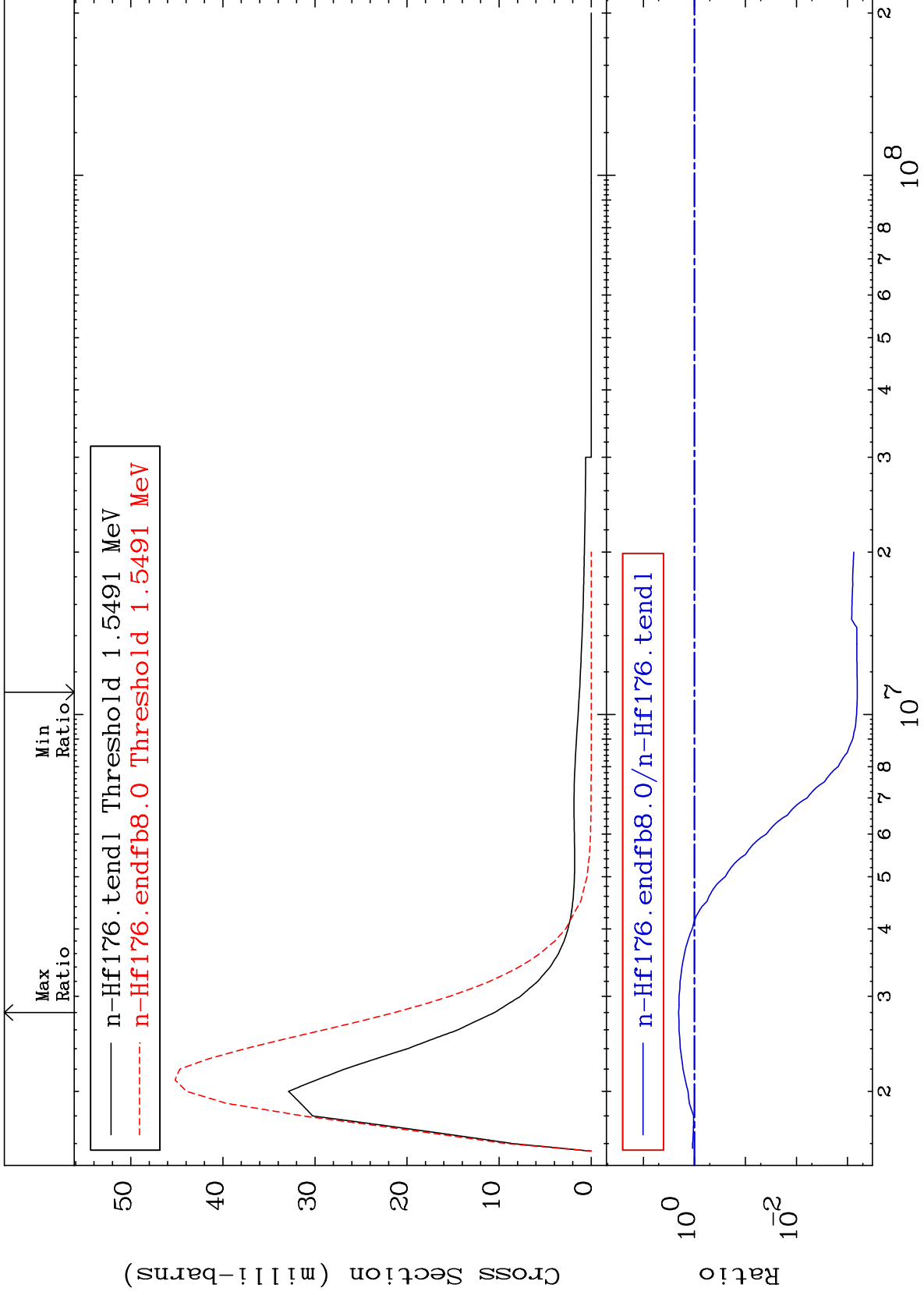
72-Hf-176
-99.91 To 6114. %



MAT 7231

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

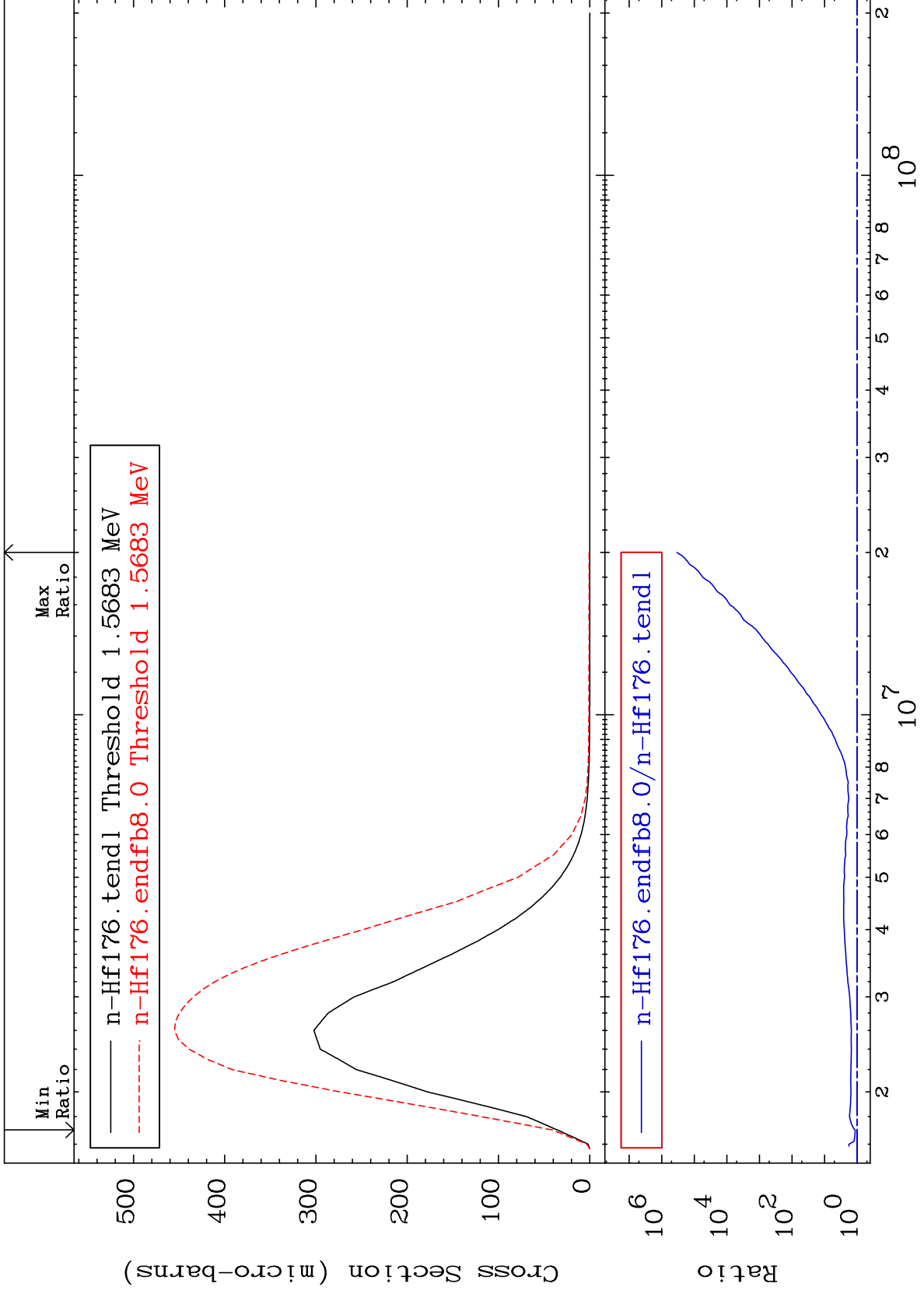
72-Hf-176
-99.94 To 103.6 %



MAT 7231

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

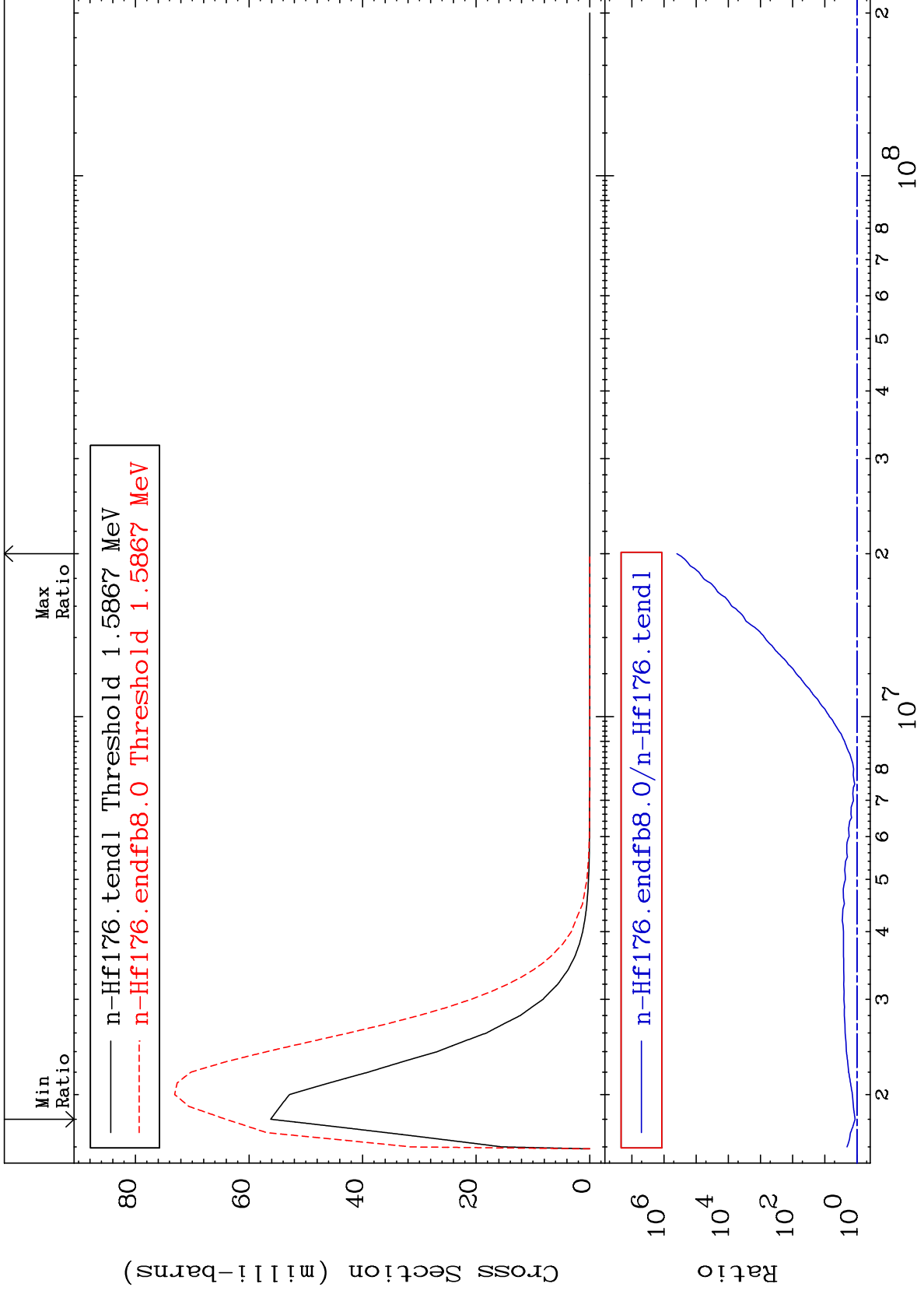
72-Hf-176
14.89 To 9999. %



MAT 7231

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

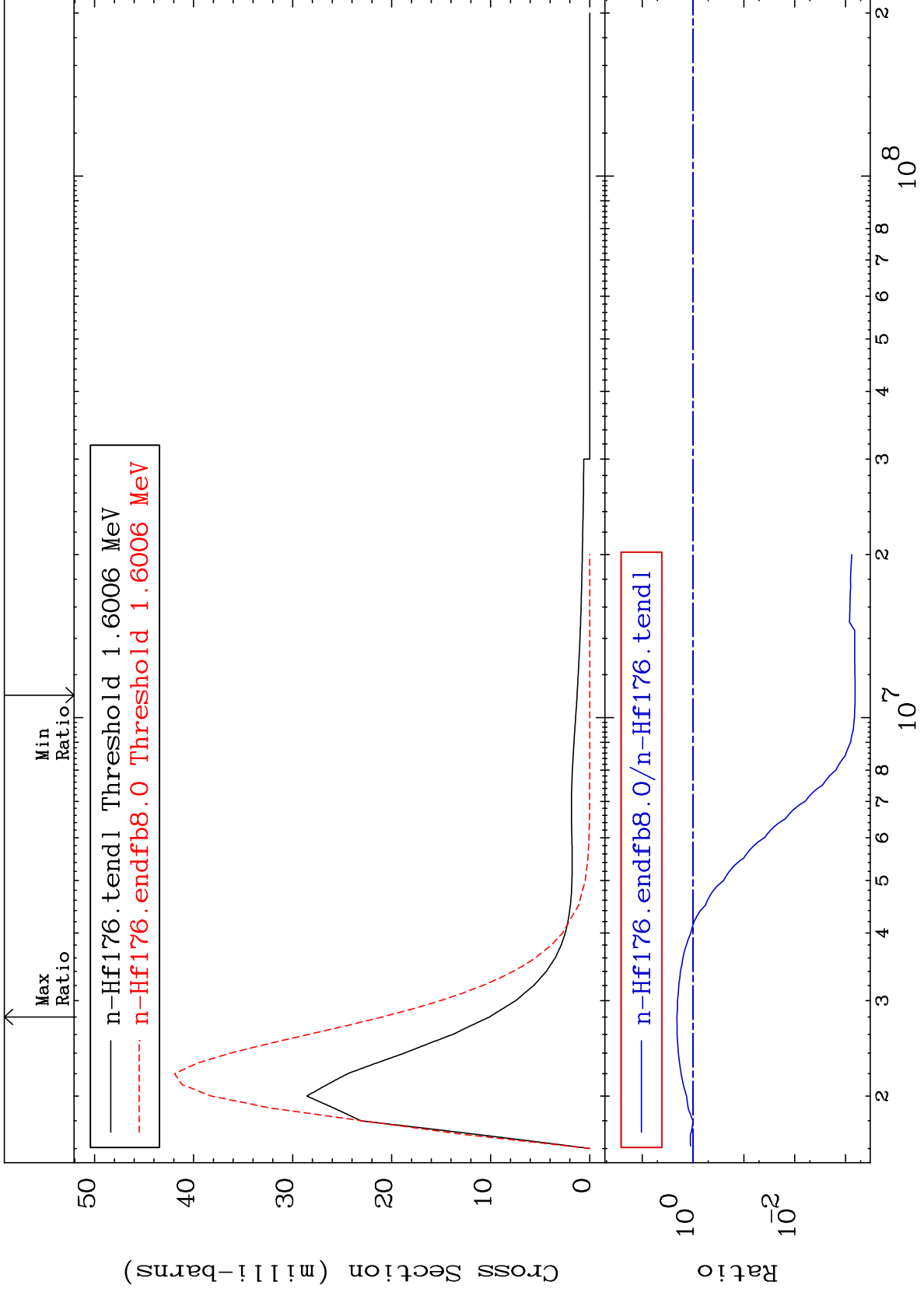
72-Hf-176
14.13 To 9999. %



MAT 7231

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

72-Hf-176
-99.94 To 106.9 %



32

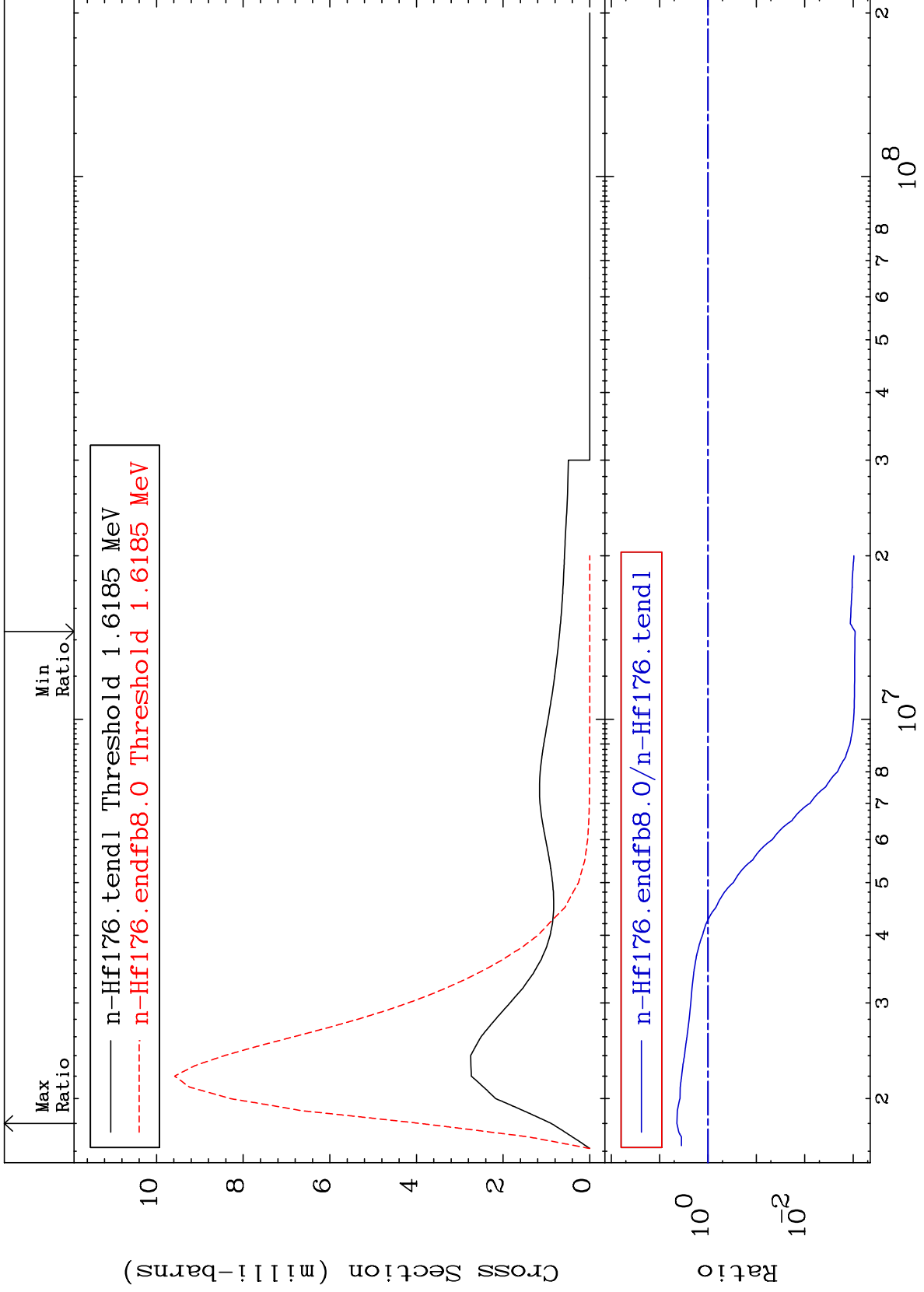
Incident Energy (eV)

72-Hf-176

MAT 7231

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

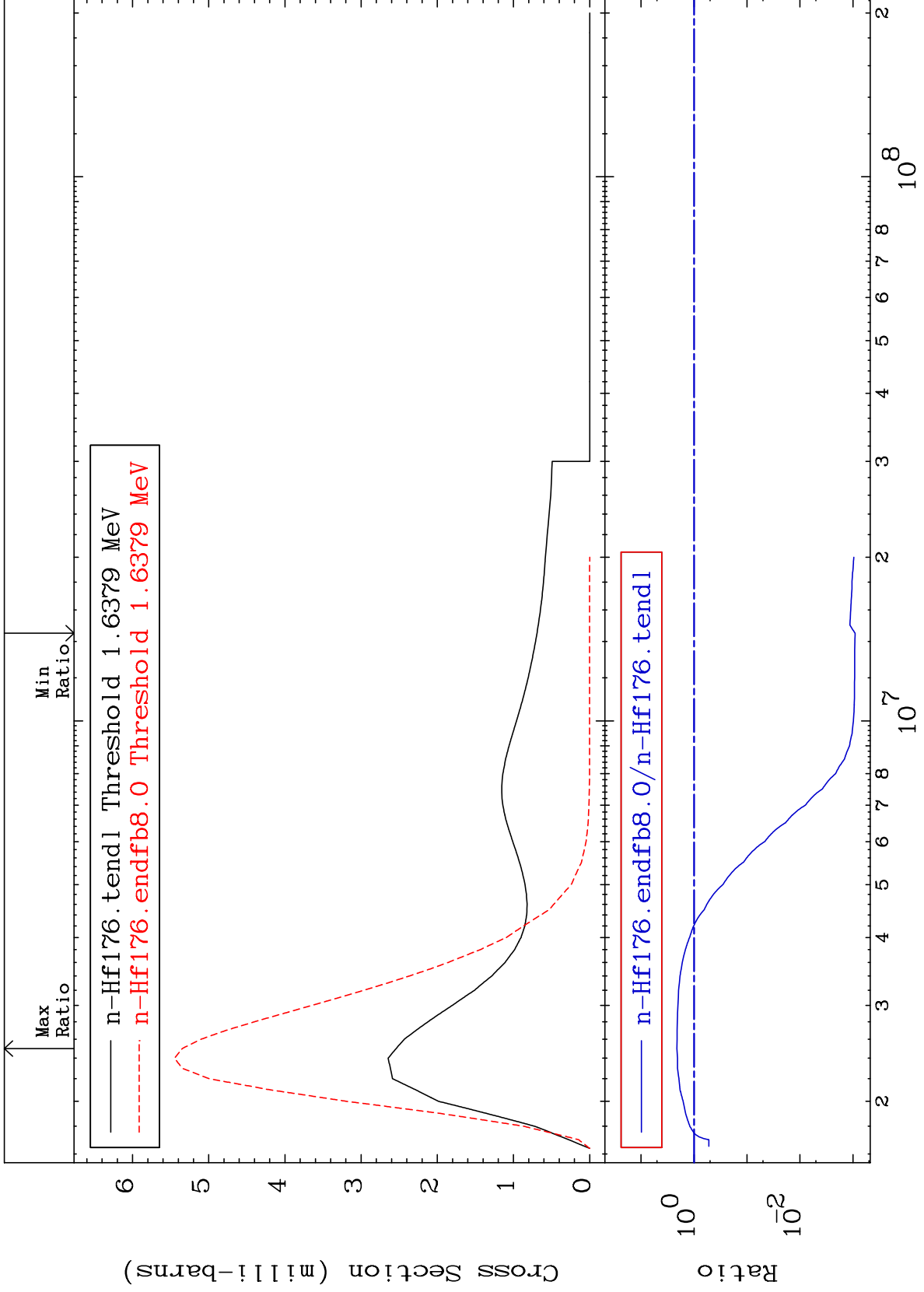
72-Hf-176
-99.91 To 340.0 %



MAT 7231

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

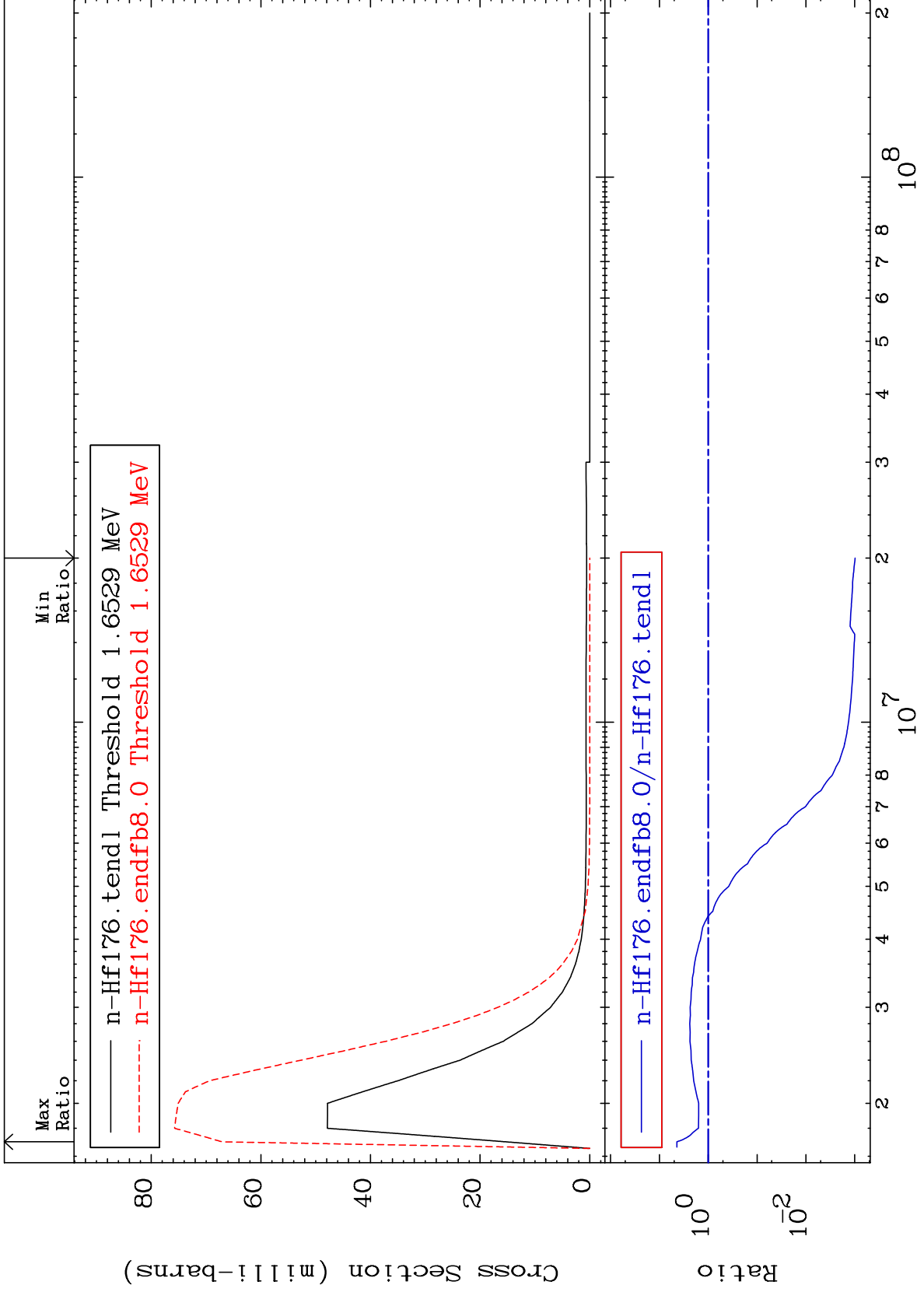
72-Hf-176
-99.91 To 110.5 %



MAT 7231

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

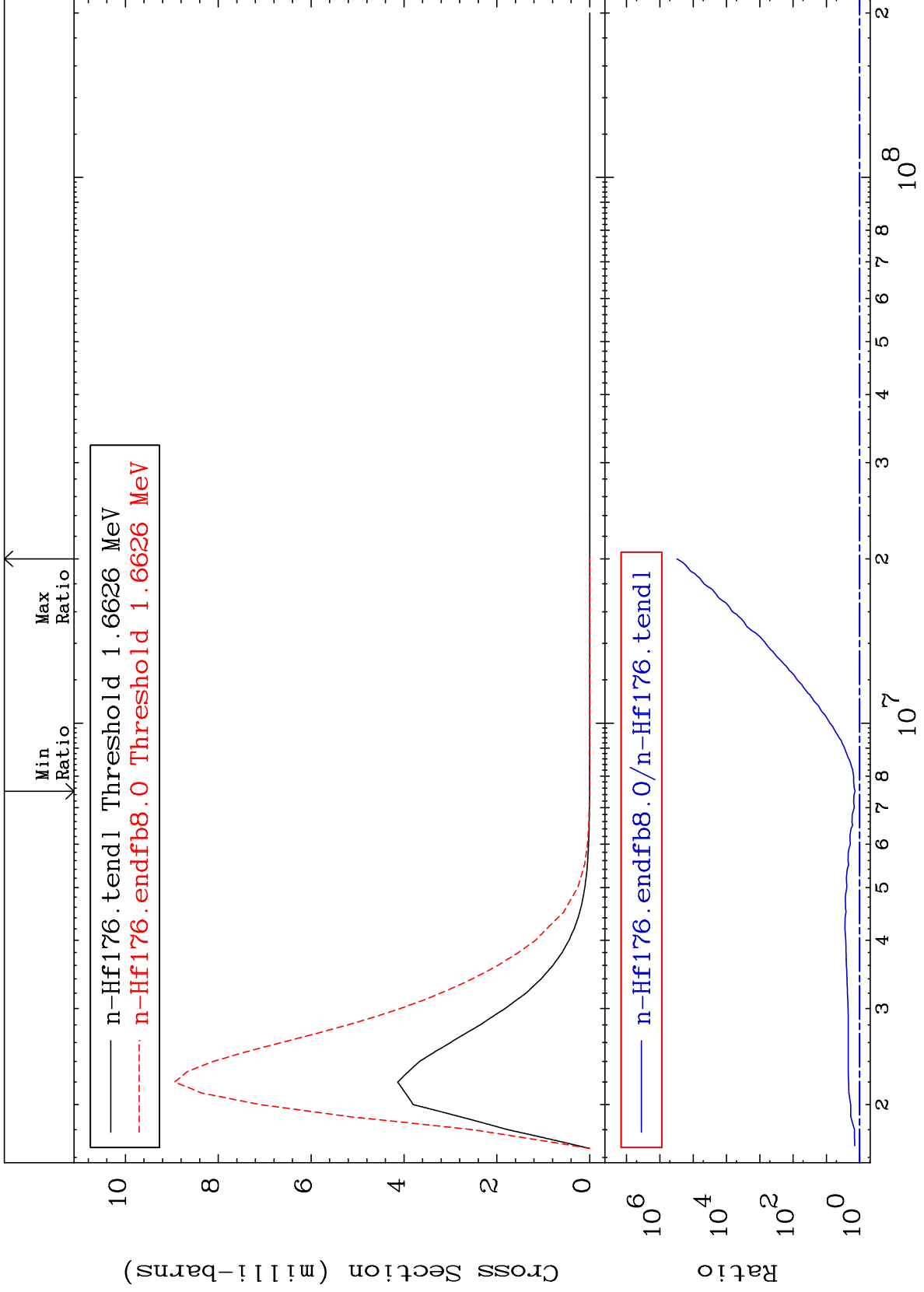
72-Hf-176
-99.90 To 337.4 %



MAT 7231

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

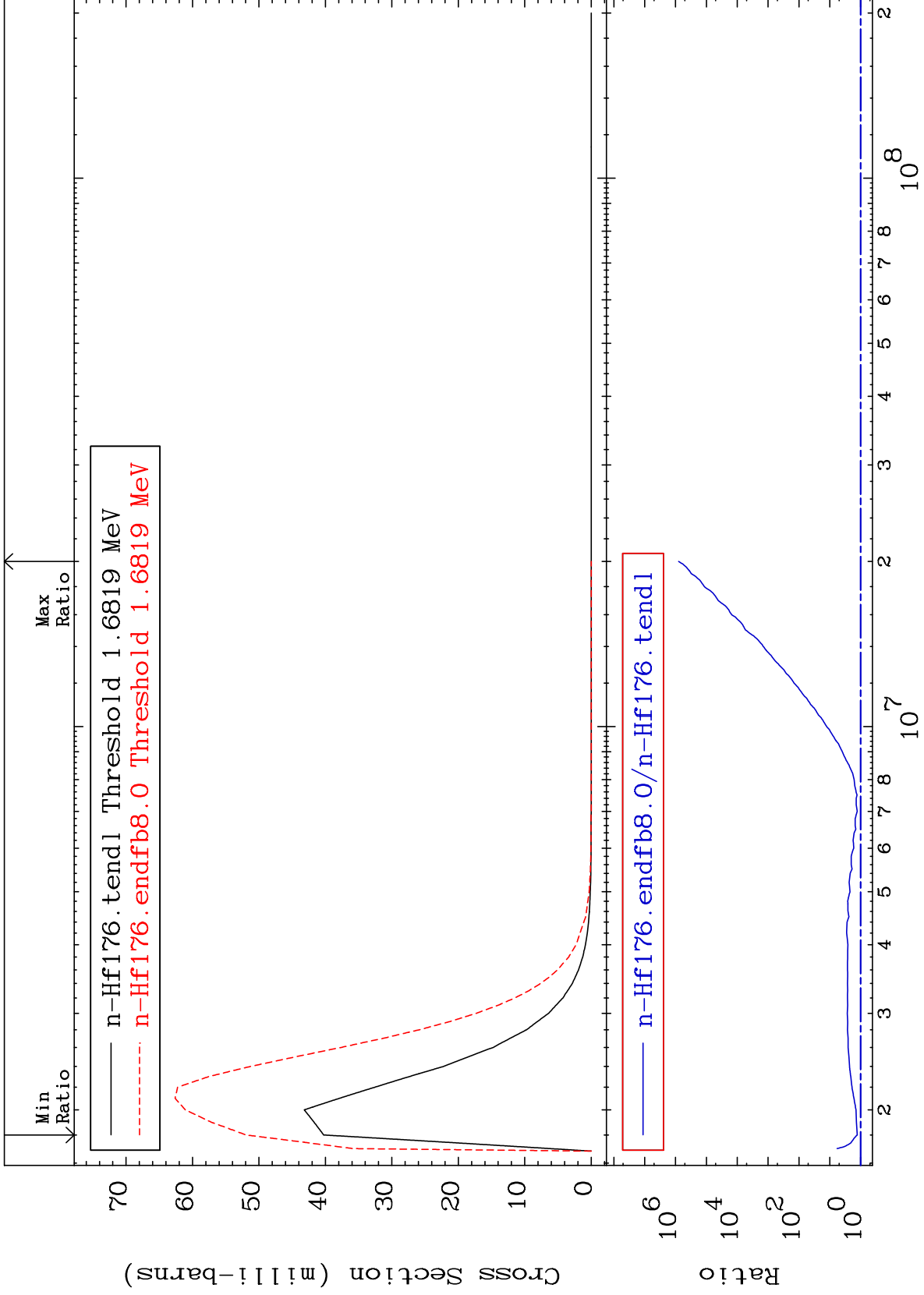
72-Hf-176
37.51 To 9999. %

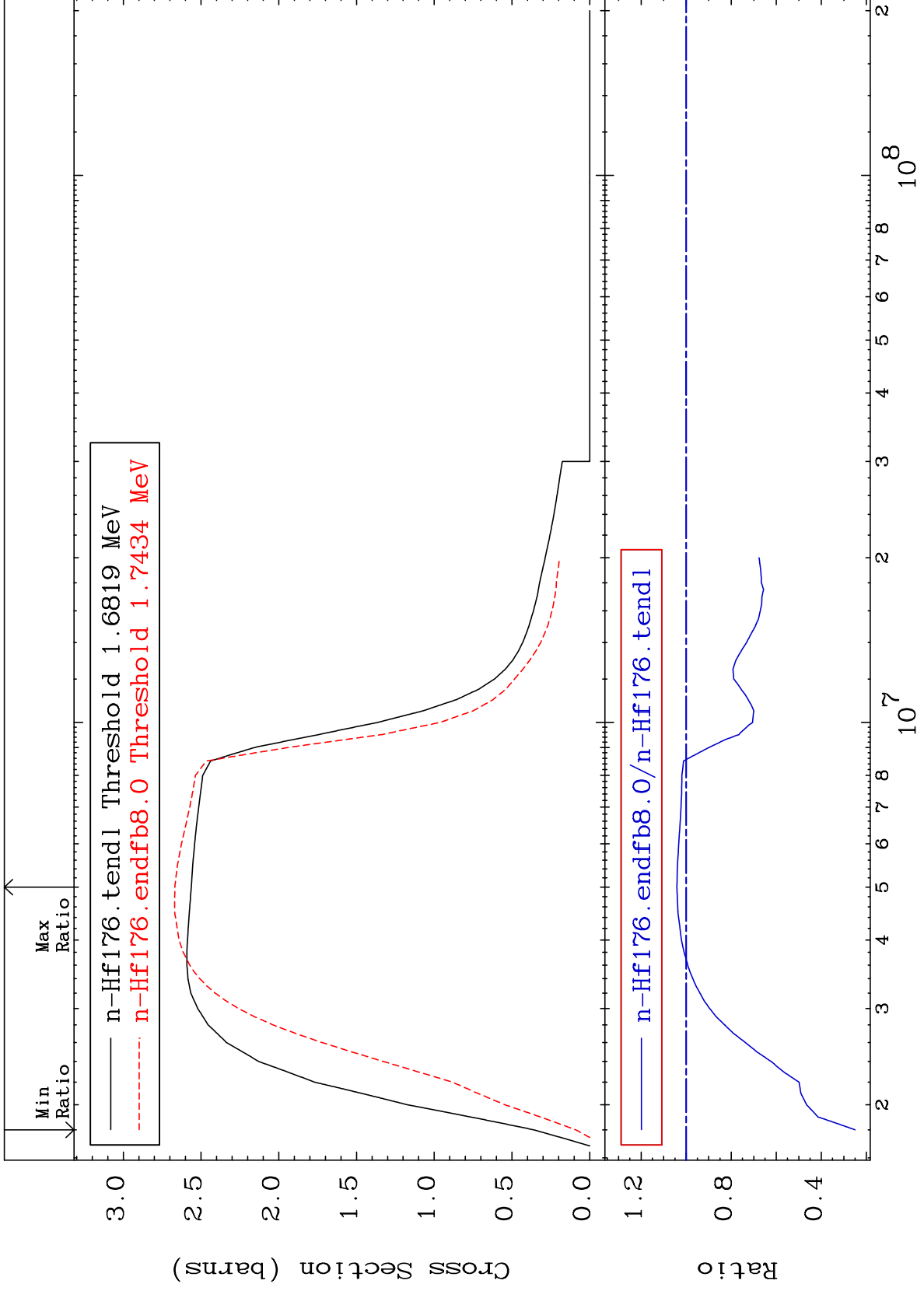


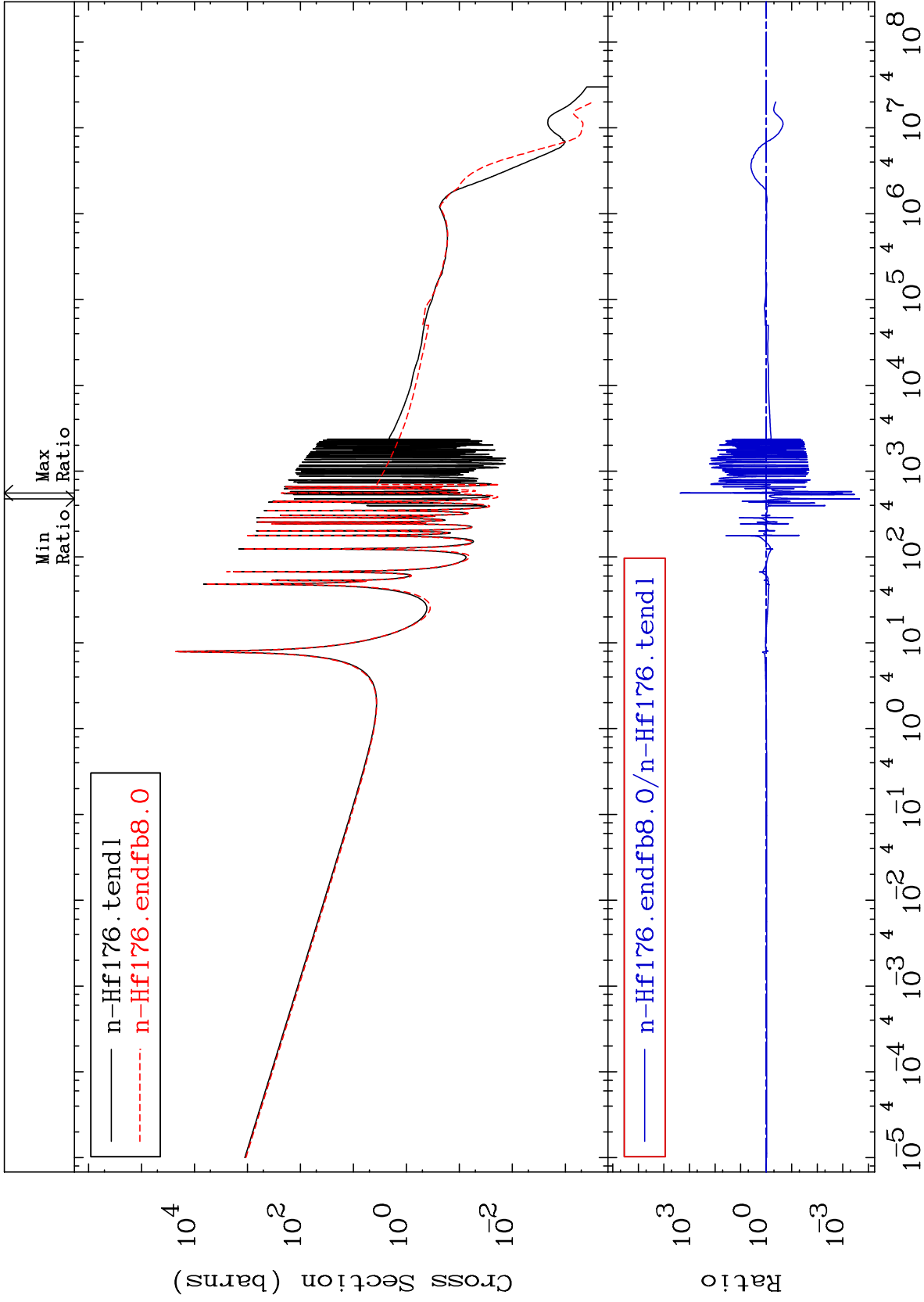
MAT 7231

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

72-Hf-176
29.05 To 9999. %







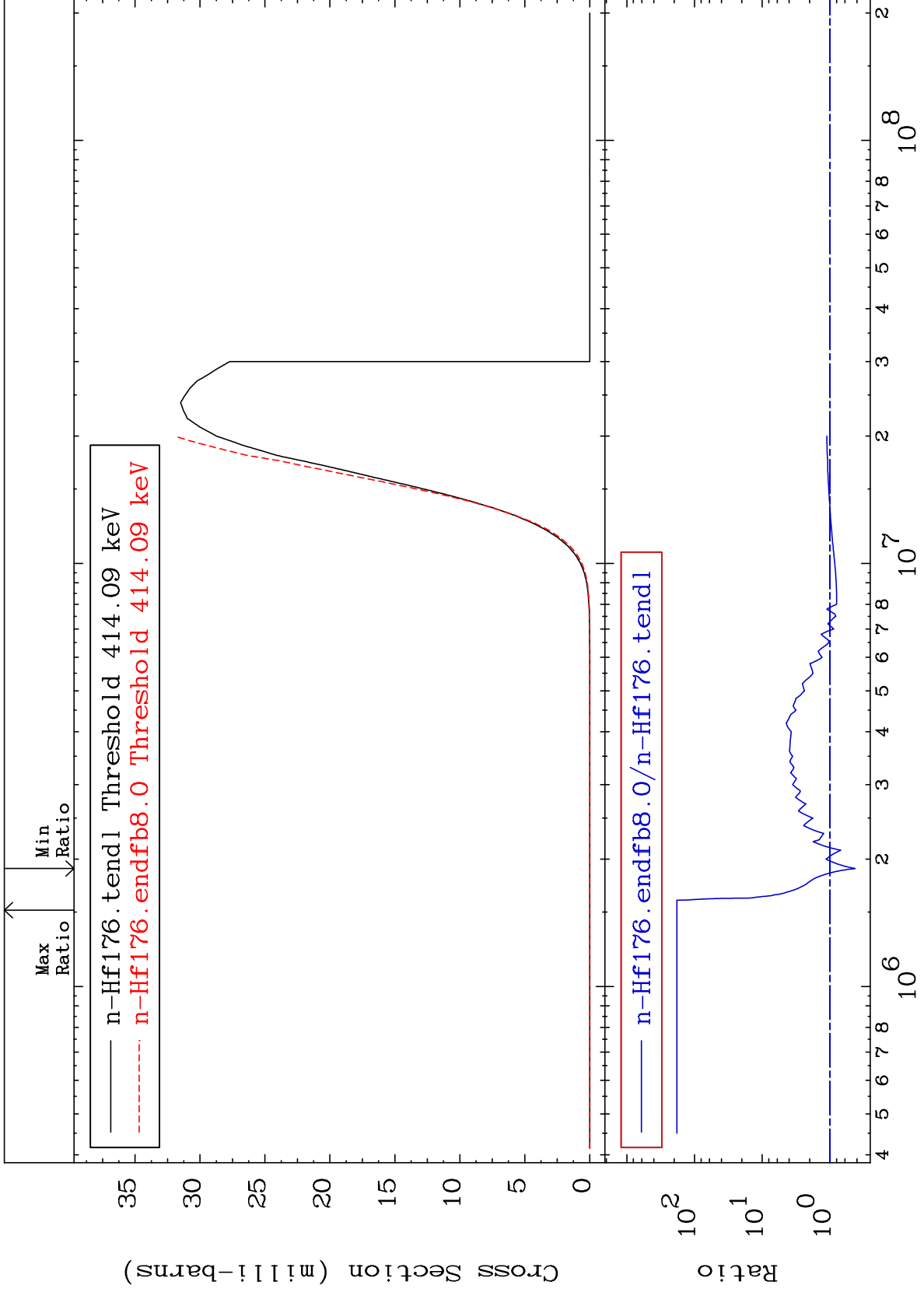
MAT 7231

(n,p)

72-Hf-176

Cross Section

-57.45 To 9999. %



40

Incident Energy (eV)

72-Hf-176

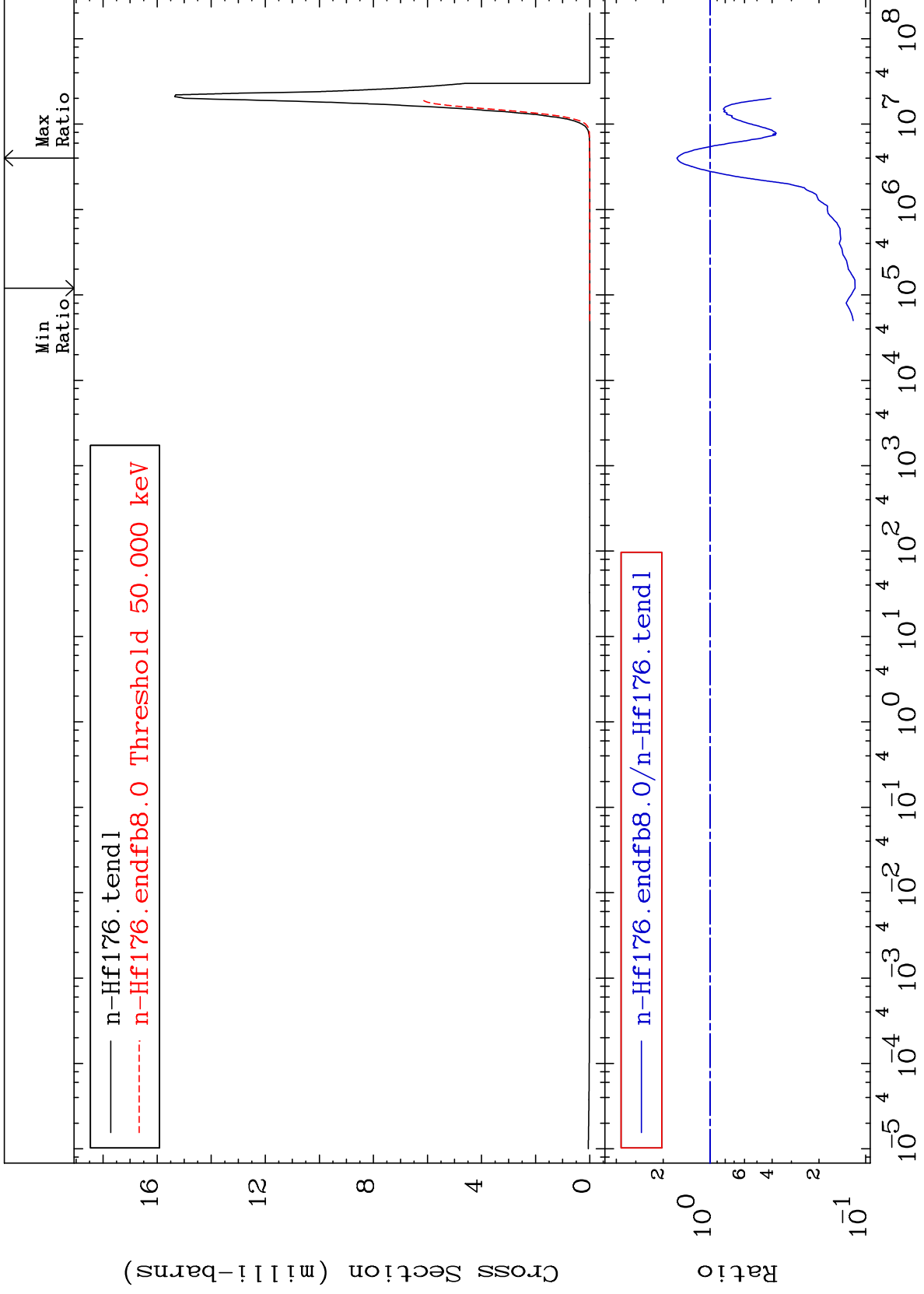
MAT 7231

(n, α)

Cross Section

72-Hf-176

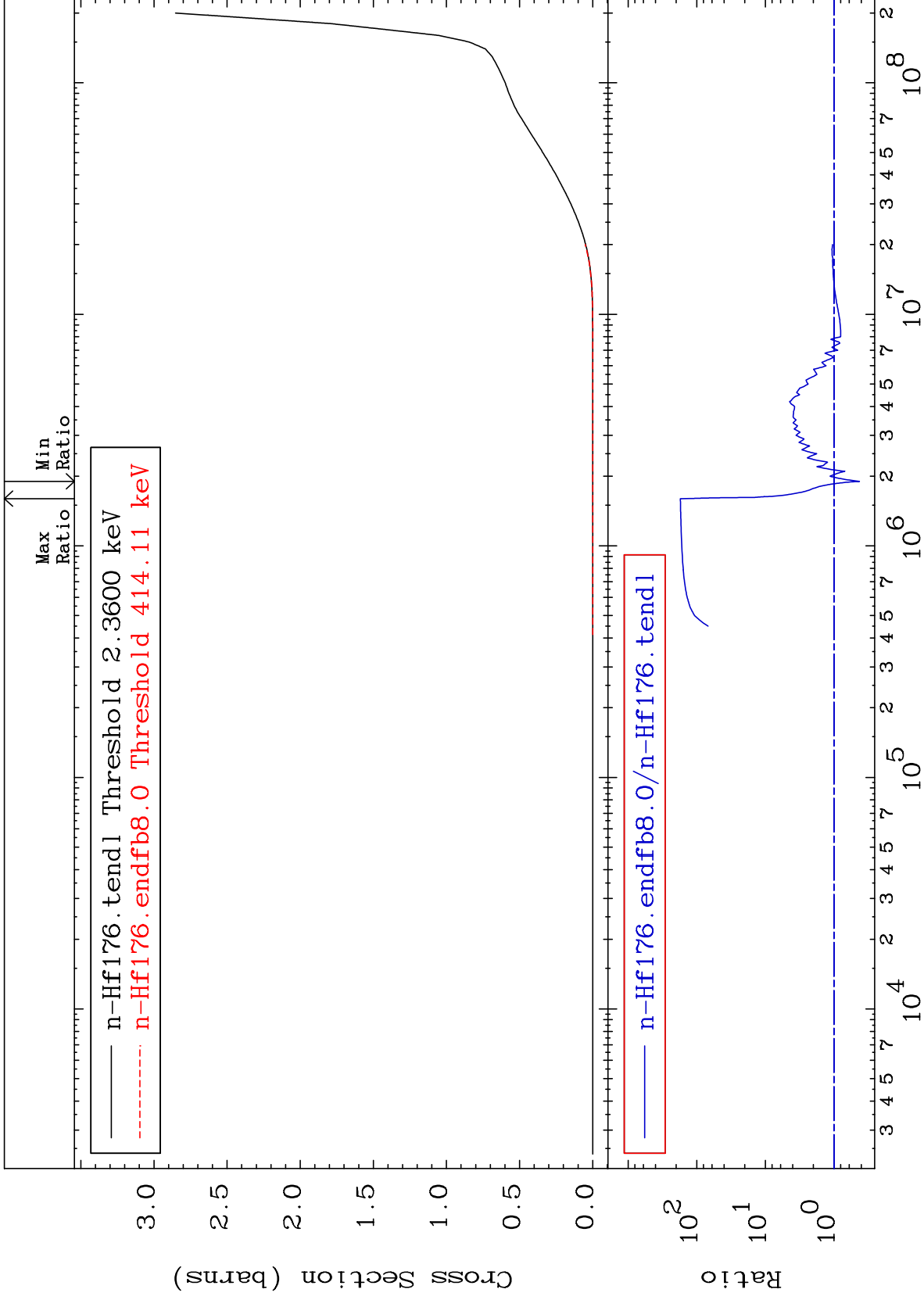
-88.29 To 63.27 %



41

Incident Energy (eV)

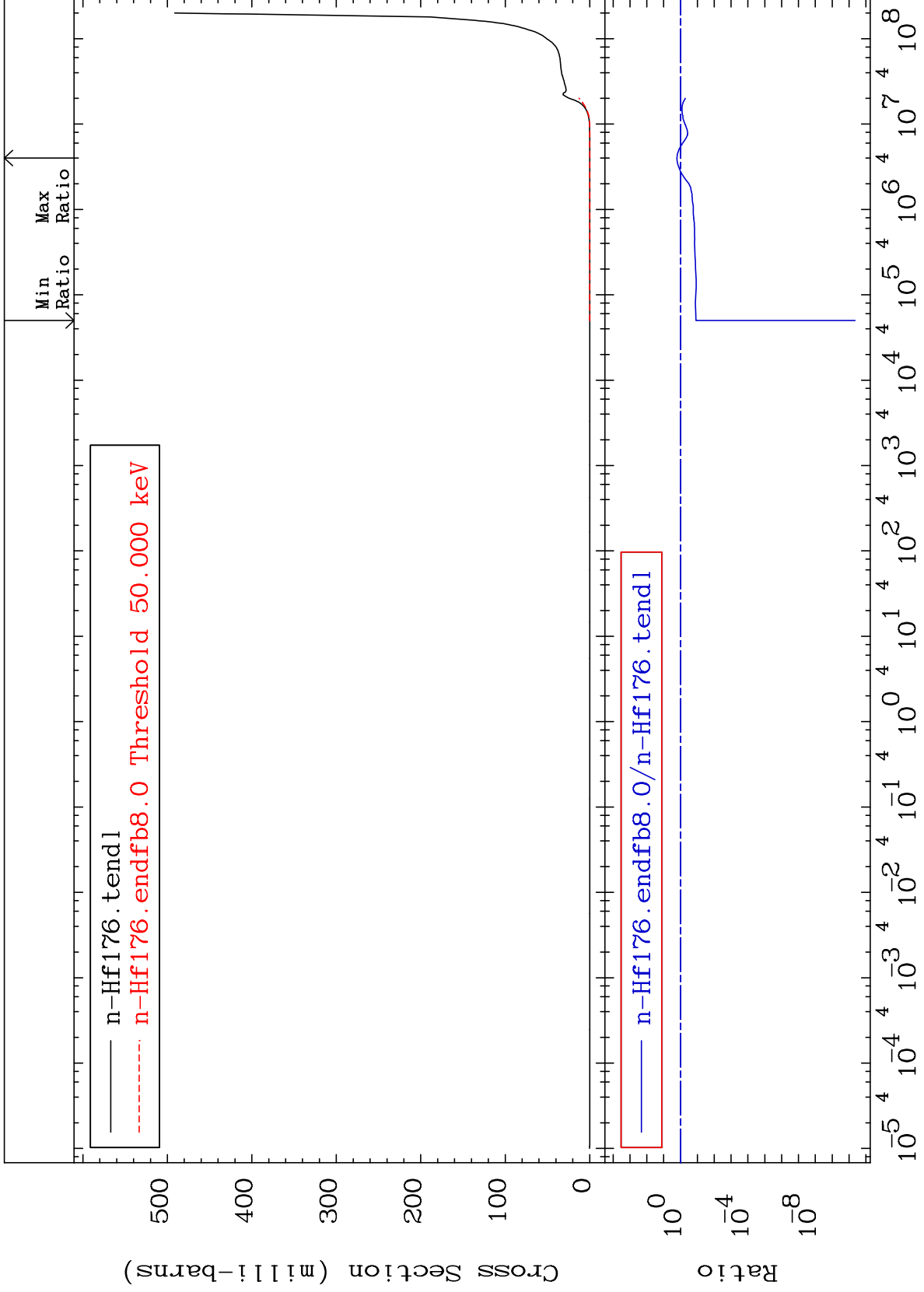
72-Hf-176

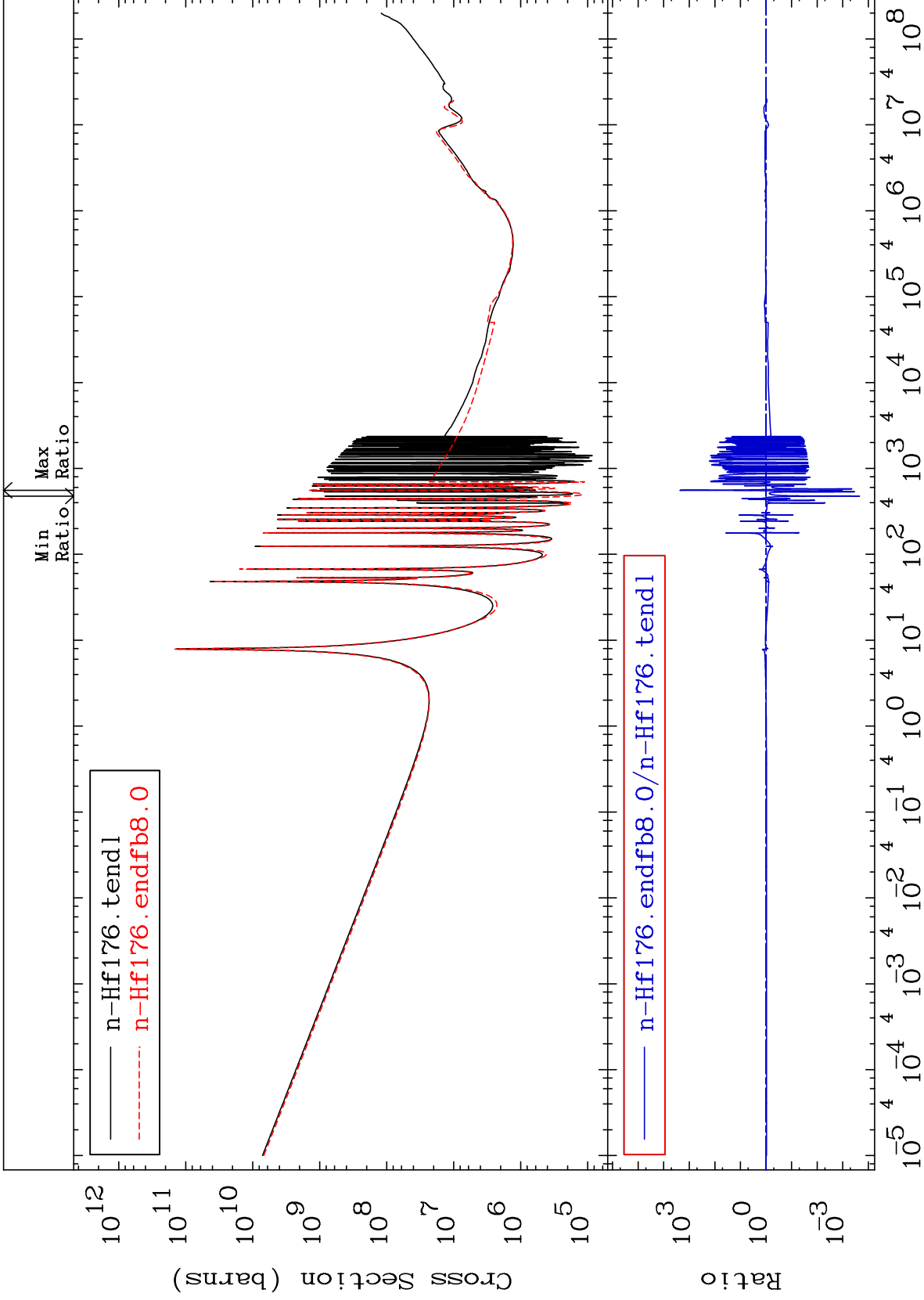


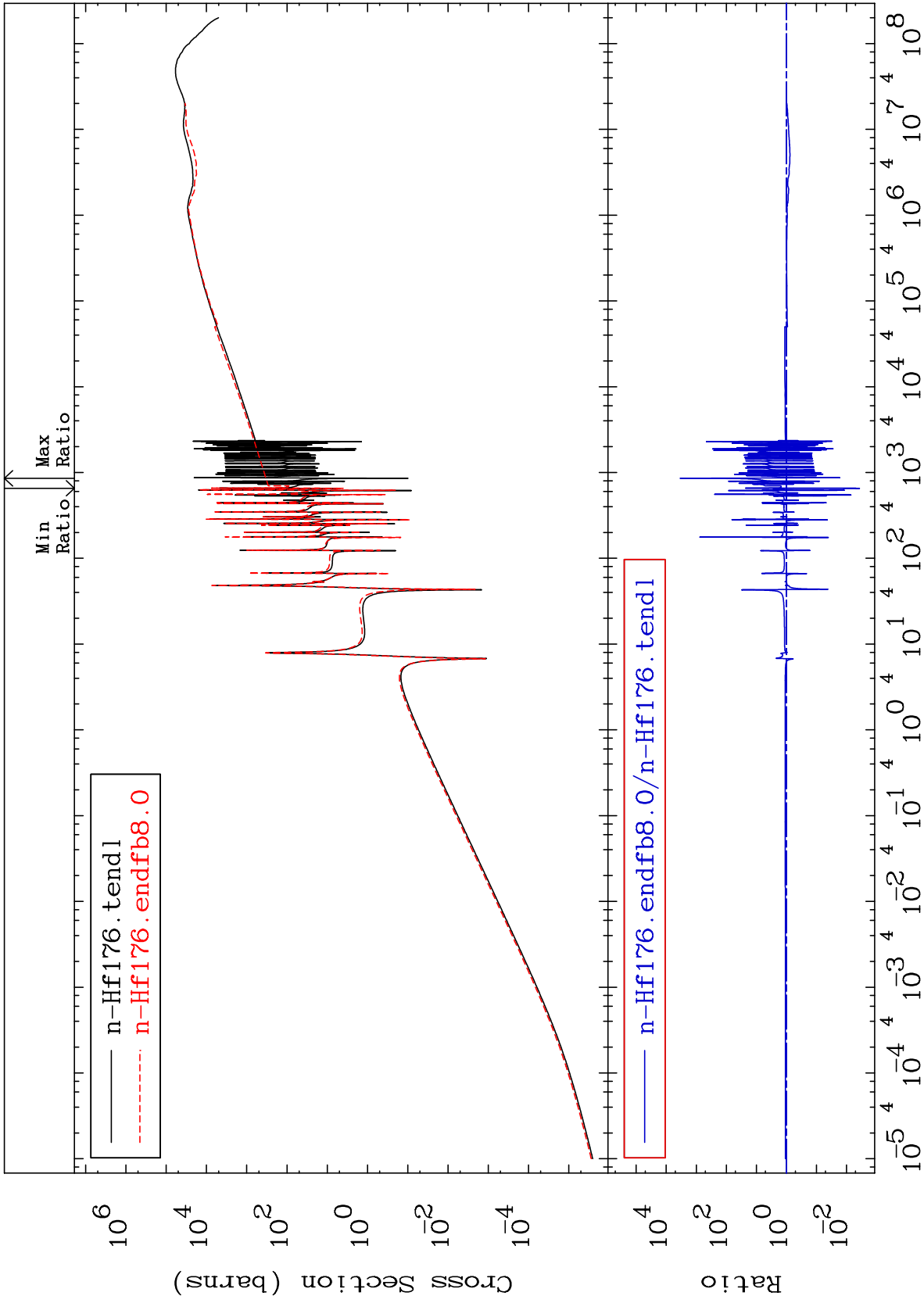
MAT 7231

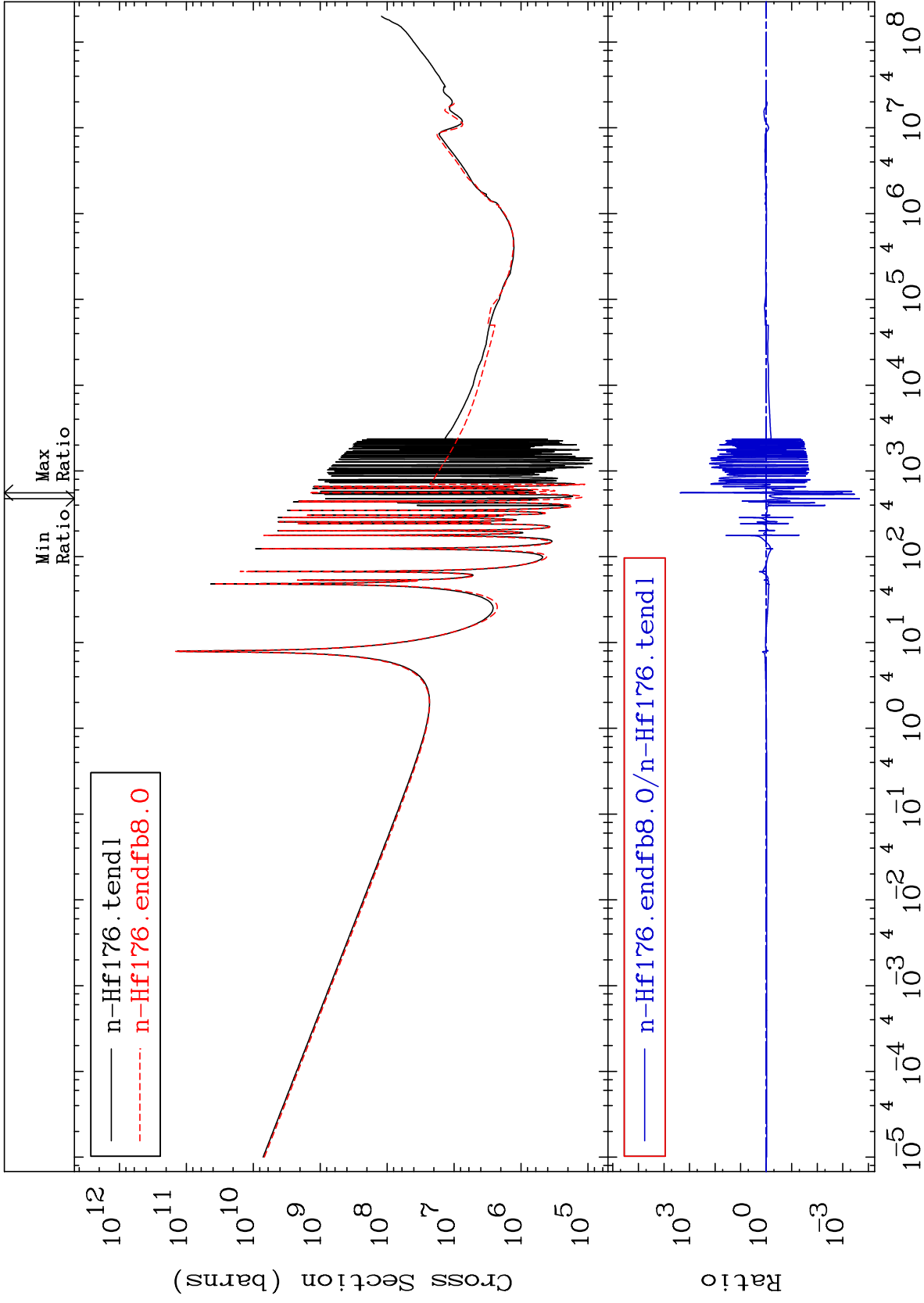
He-4 Production
Cross Section

72-Hf-176
-100.0 To 63.27 %





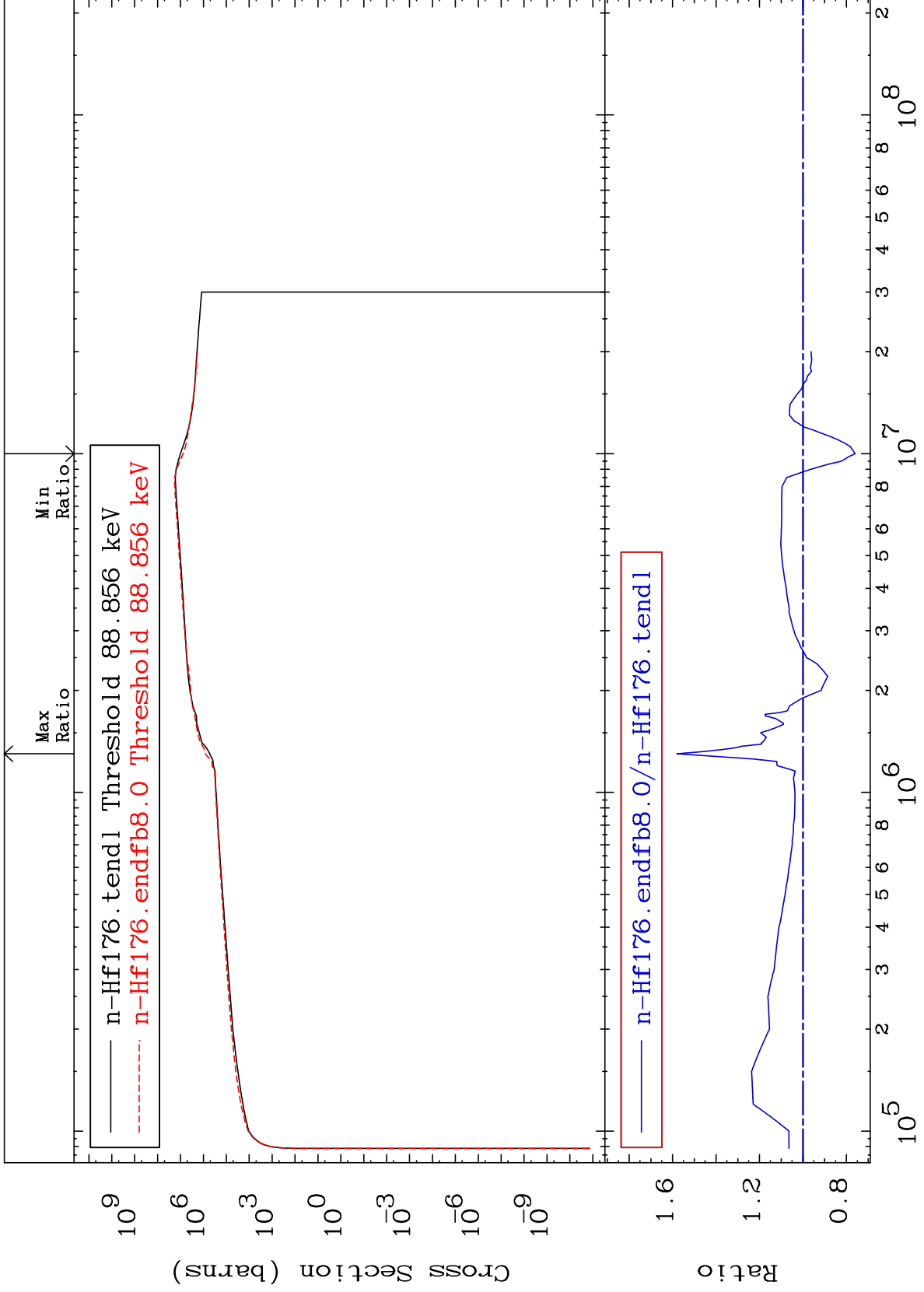




MAT 7231

Kerma inelastic (mt51-91)
Cross Section

72-Hf-176
-23.99 To 58.01 %



47

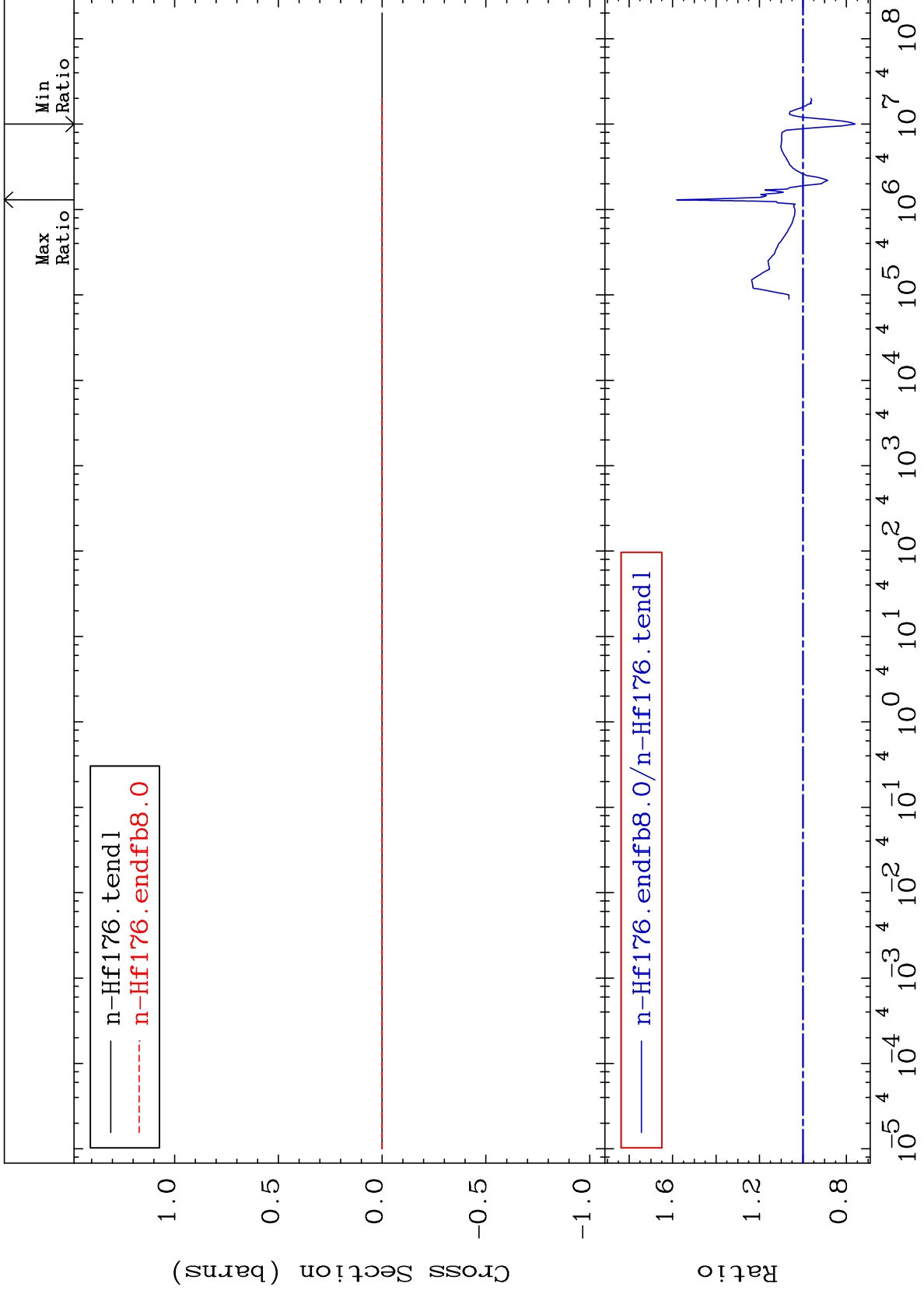
Incident Energy (eV)

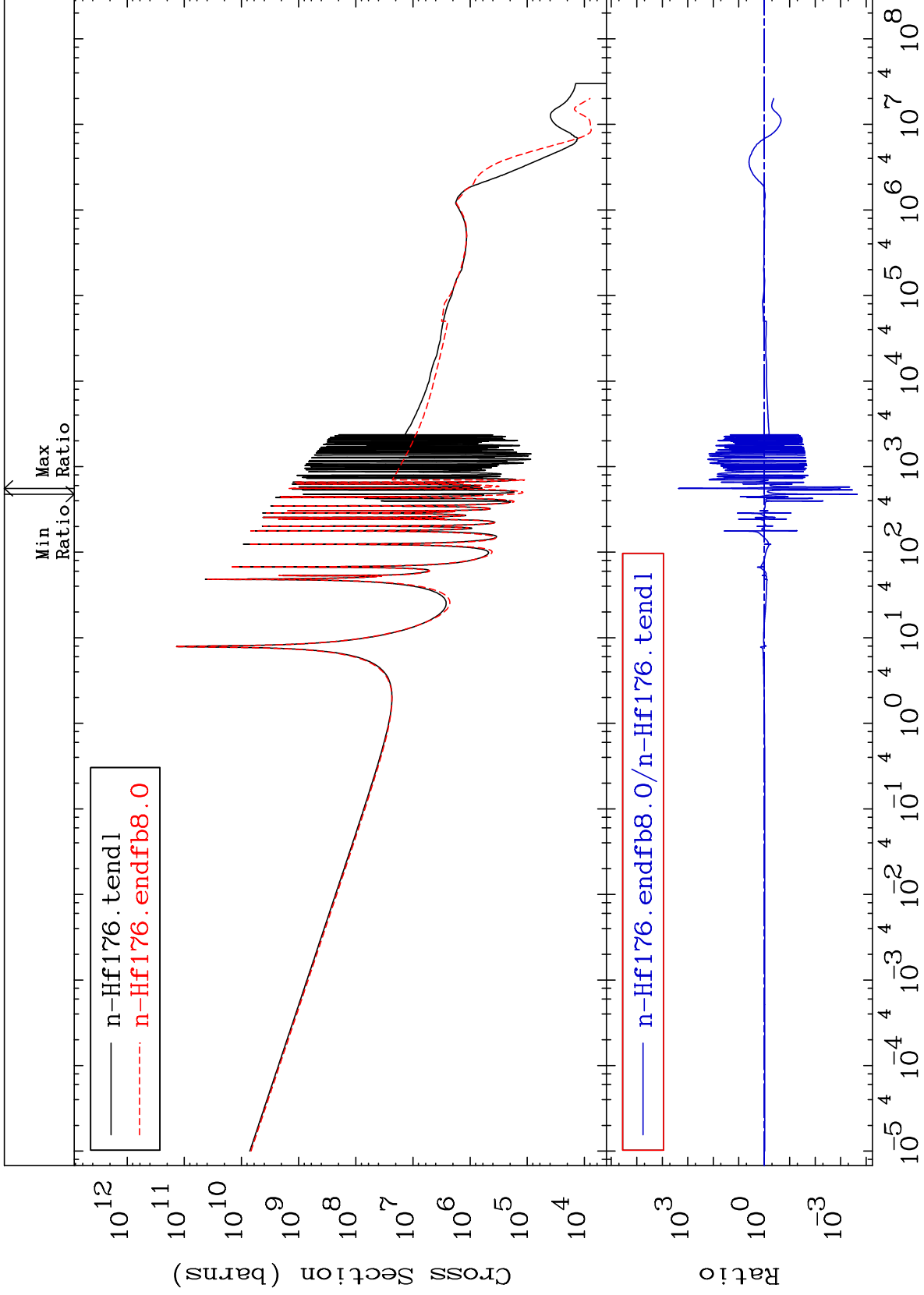
72-Hf-176

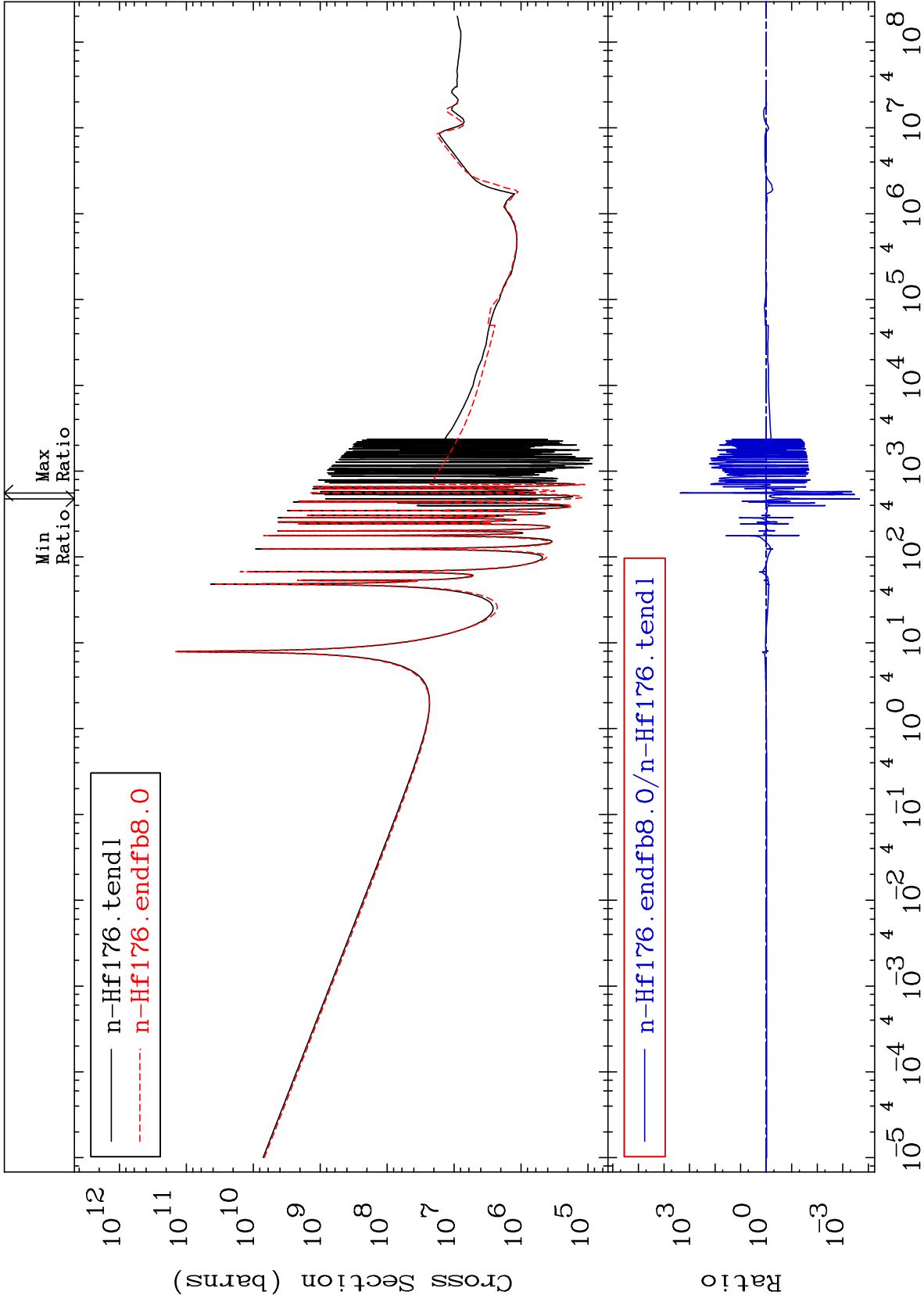
MAT 7231

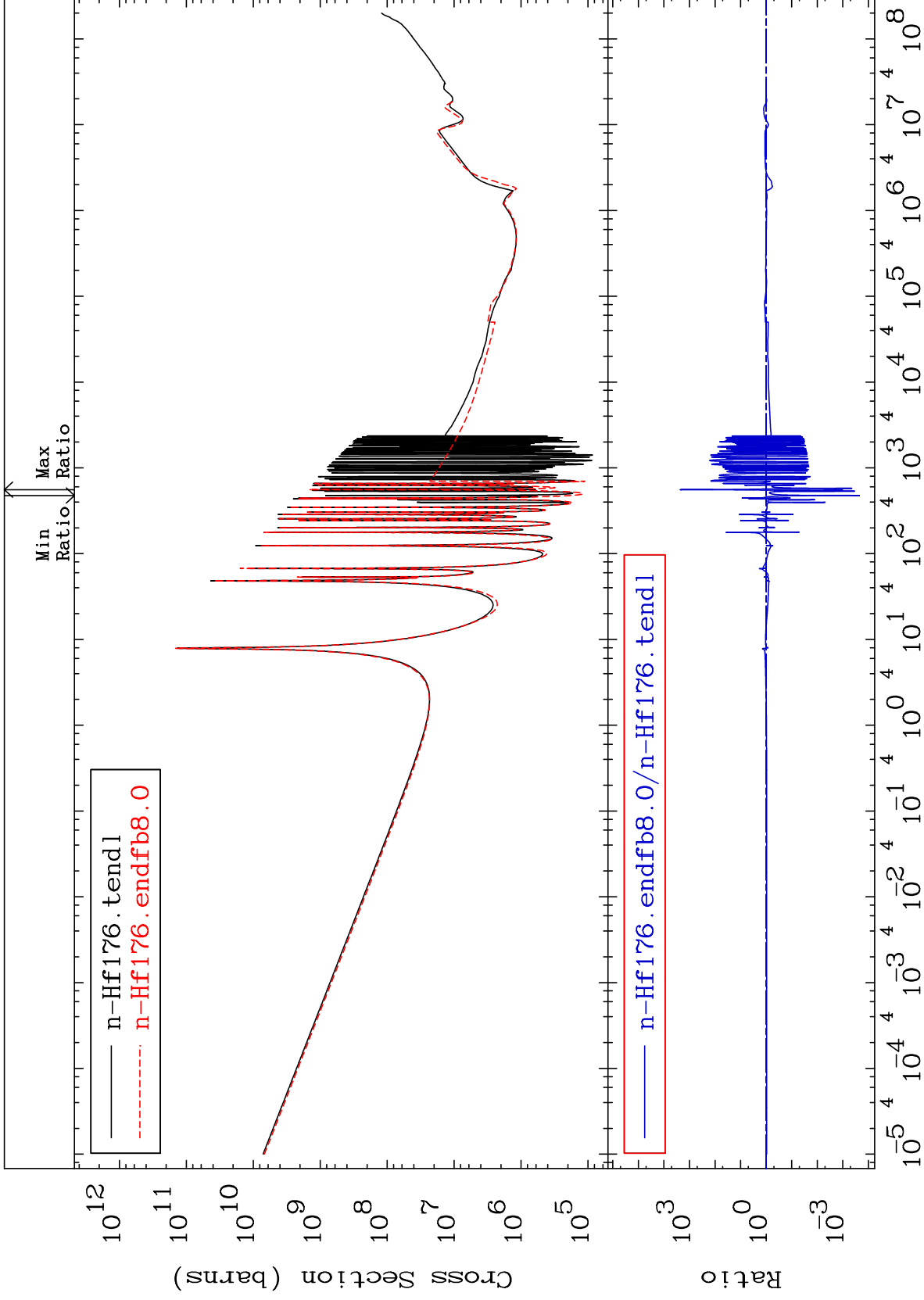
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

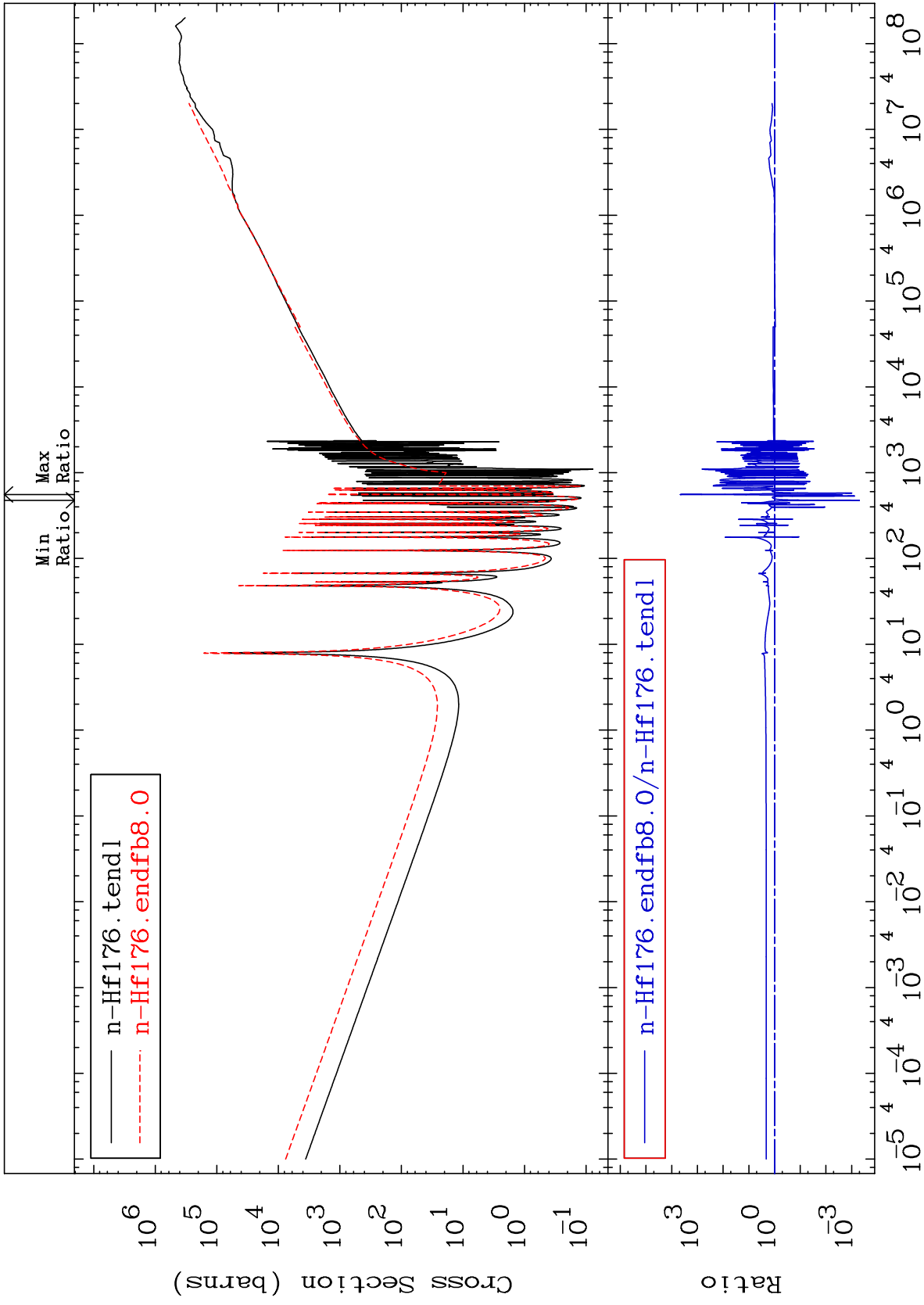
72-Hf-176
-23.99 To 58.01 %







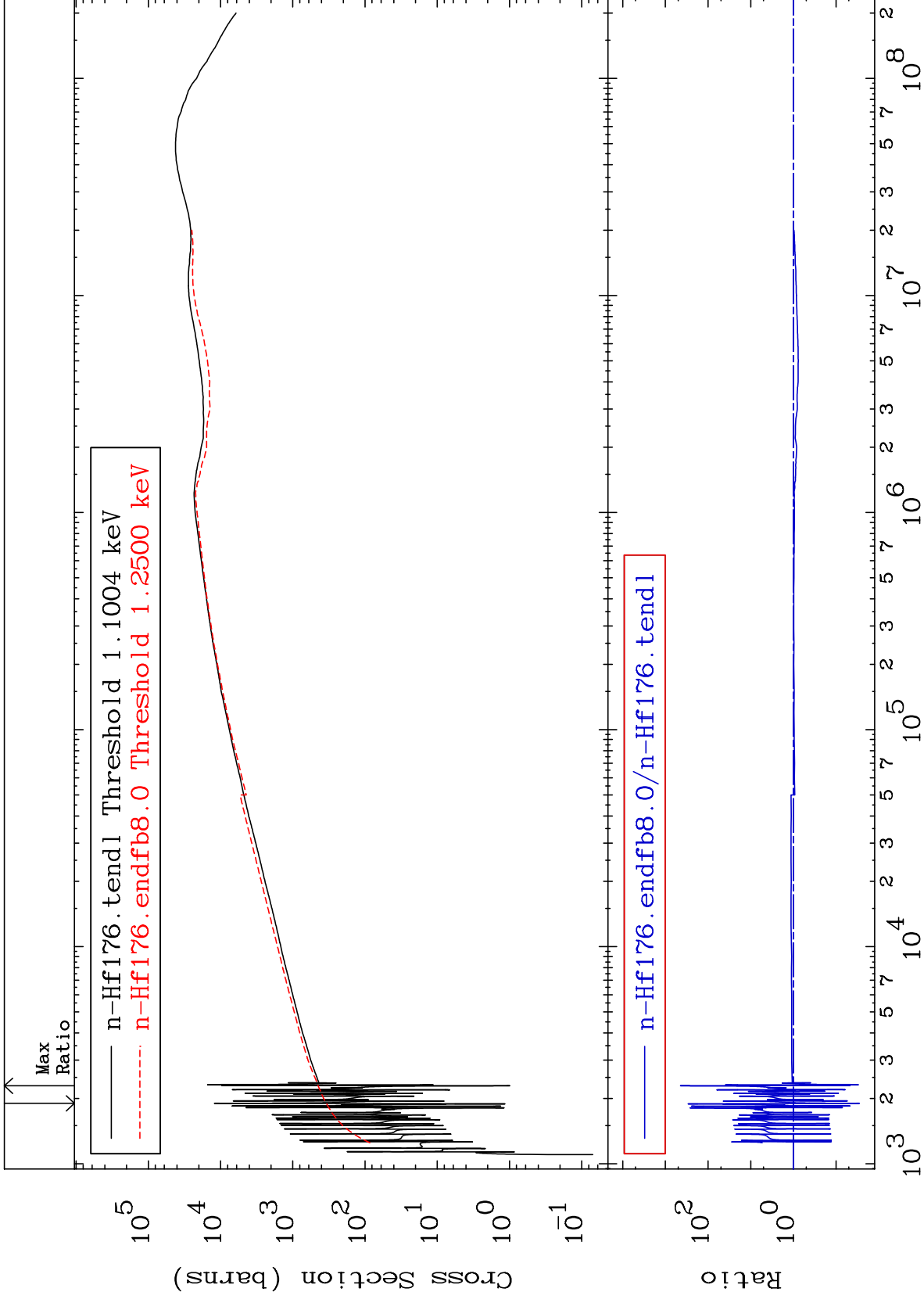




MAT 7231

Dpa elastic (mt2)
Cross Section

72-Hf-176
-97.17 To 9999. %



53

Incident Energy (eV)

72-Hf-176

