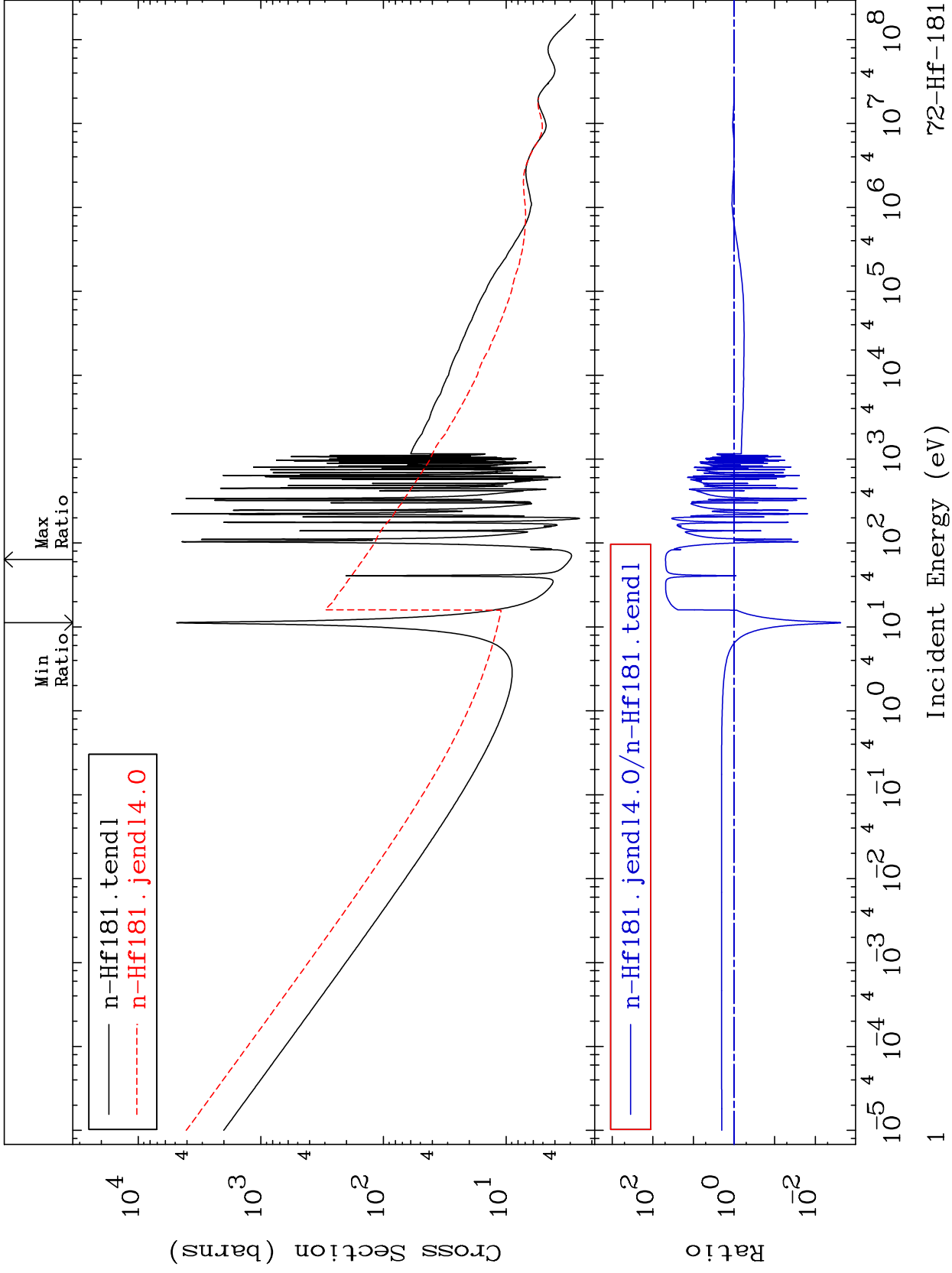


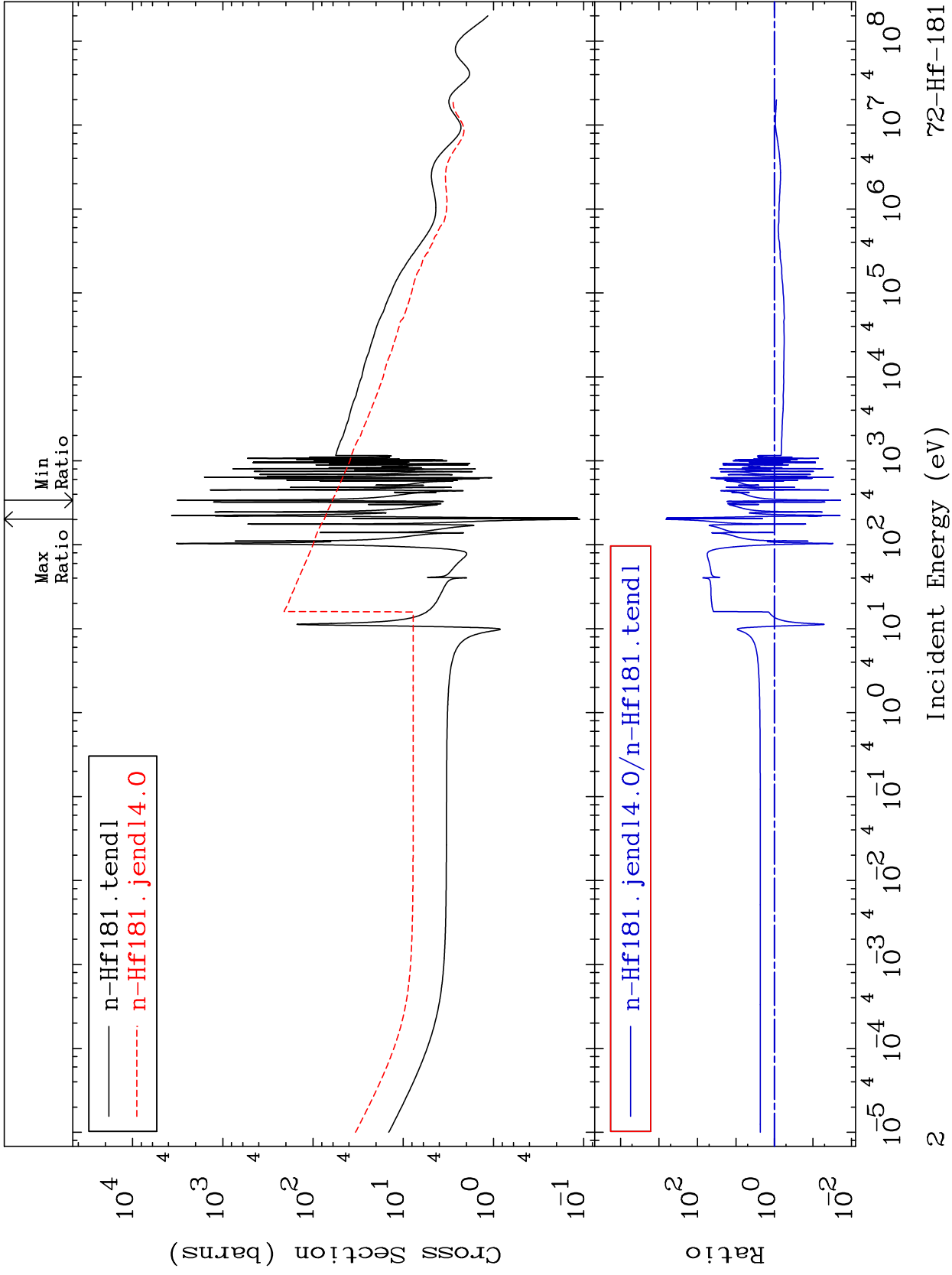
MAT 7246

Total Cross Section
72-Hf-181
-99.76 To 4774. %



MAT 7246

Elastic Cross Section
72-Hf-181
-98.09 To 9999. %



72-Hf-181

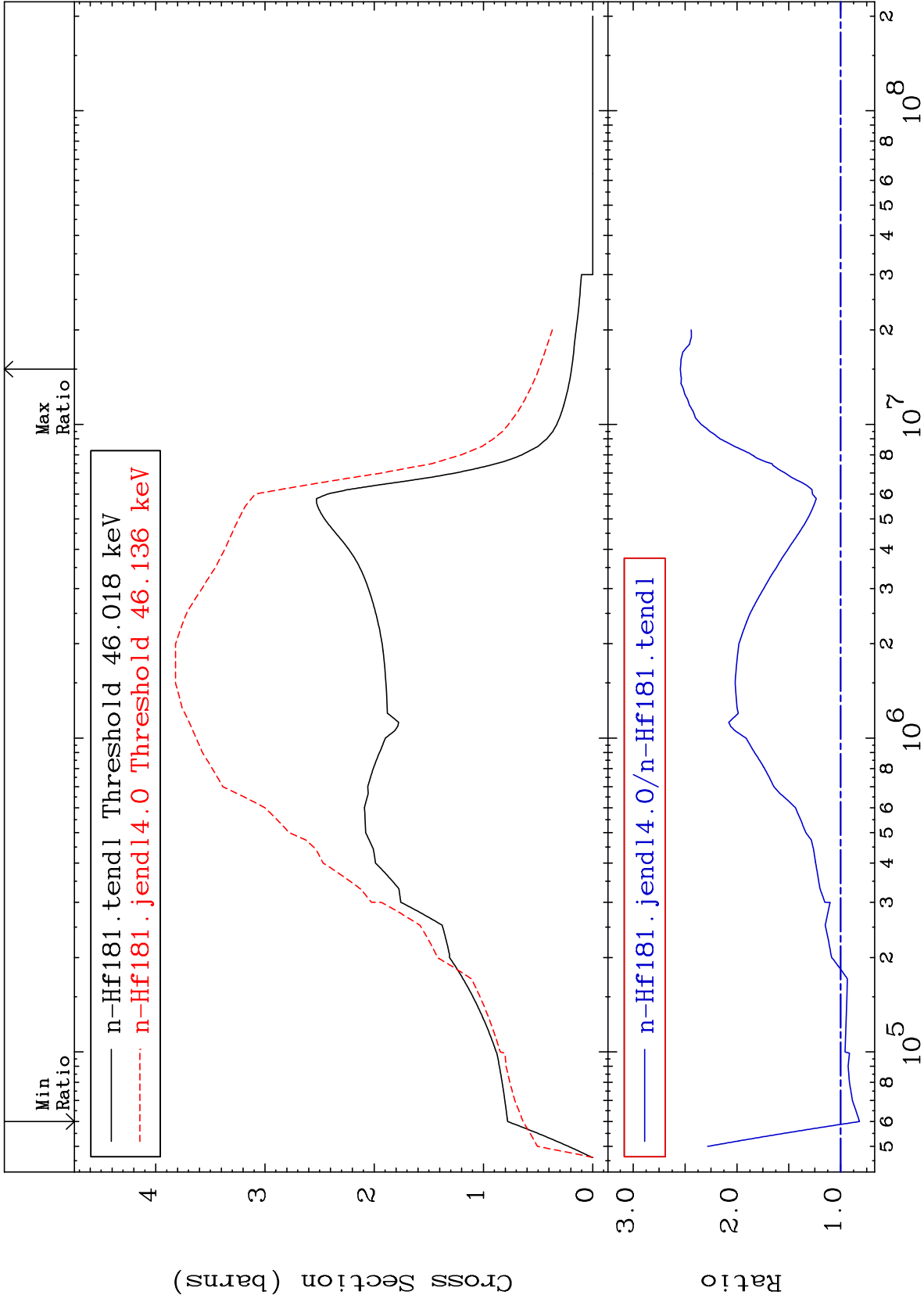
Incident Energy (eV)

2

MAT 7246

Inelastic
Cross Section

72-Hf-181
-18.07 To 154.5 %



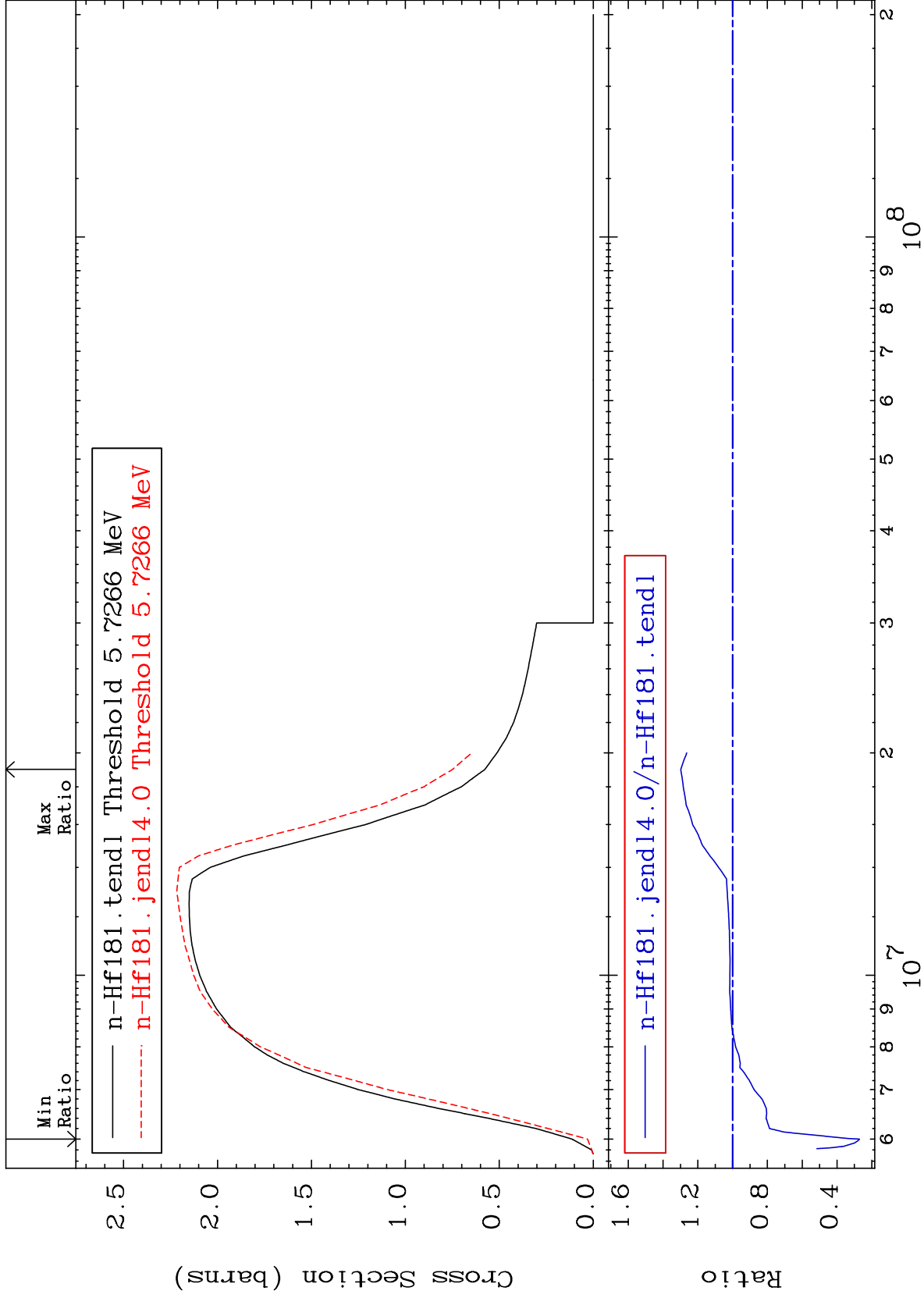
3

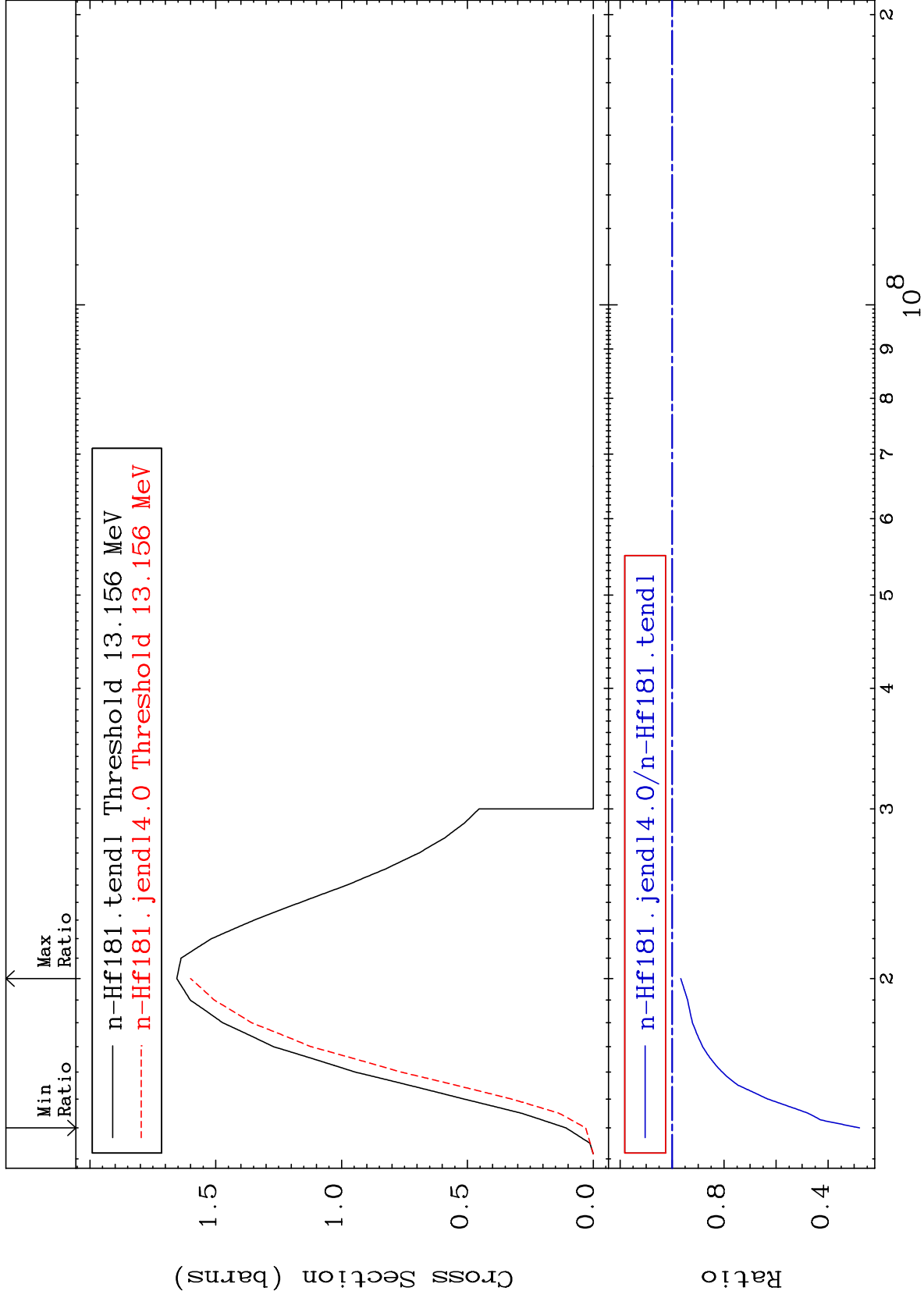
72-Hf-181

MAT 7246

(n,2n)
Cross Section

⁷²Hf-181
-72.96 To 29.81 %

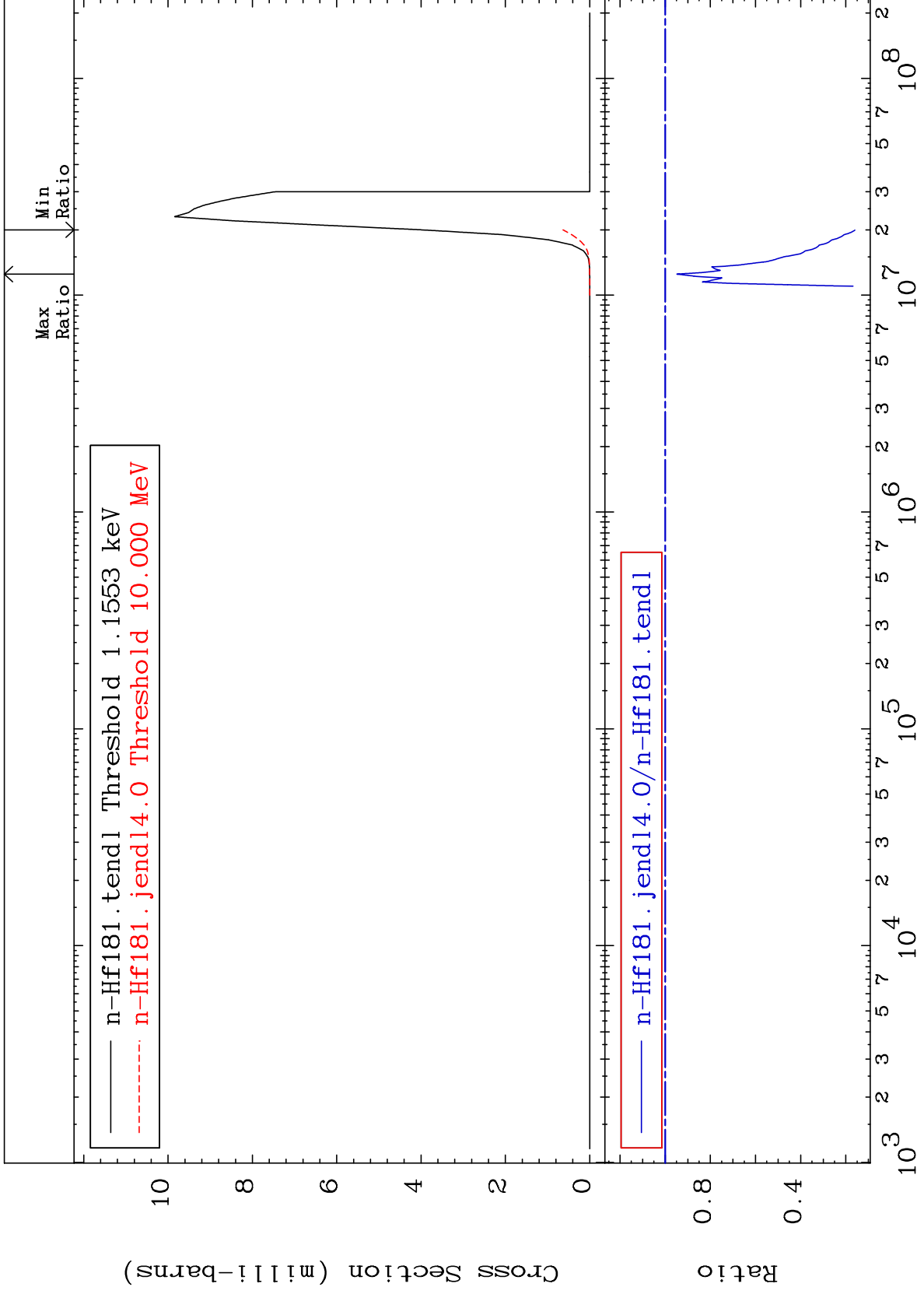




MAT 7246

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

$^{72}\text{Hf}-181$
-84.10 To -5.196%



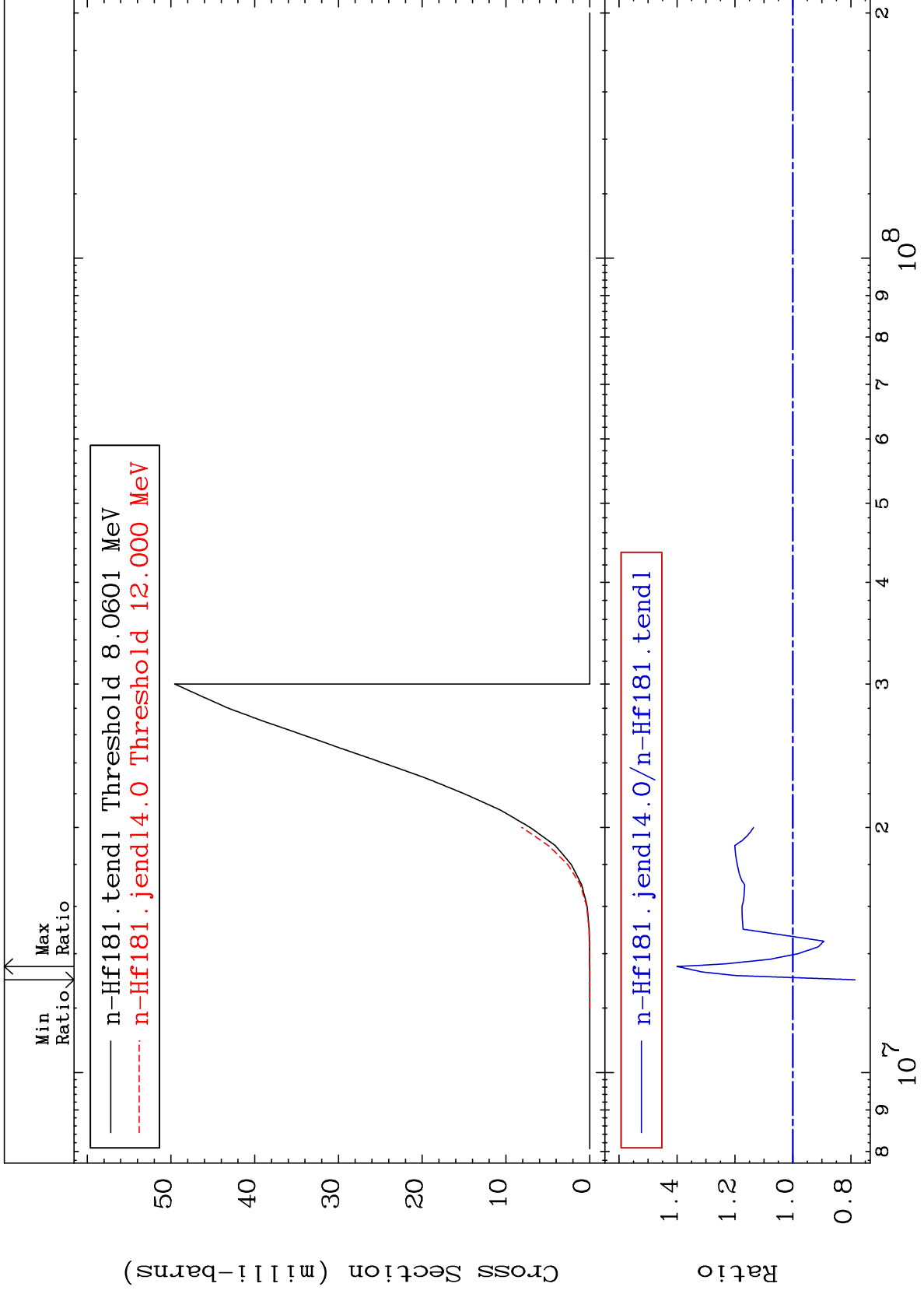
Incident Energy (eV)

$^{72}\text{Hf}-181$

MAT 7246

(n,n') p
Cross Section

⁷²Hf-181
-21.47 To 40.03 %



7

Incident Energy (eV)

⁷²Hf-181

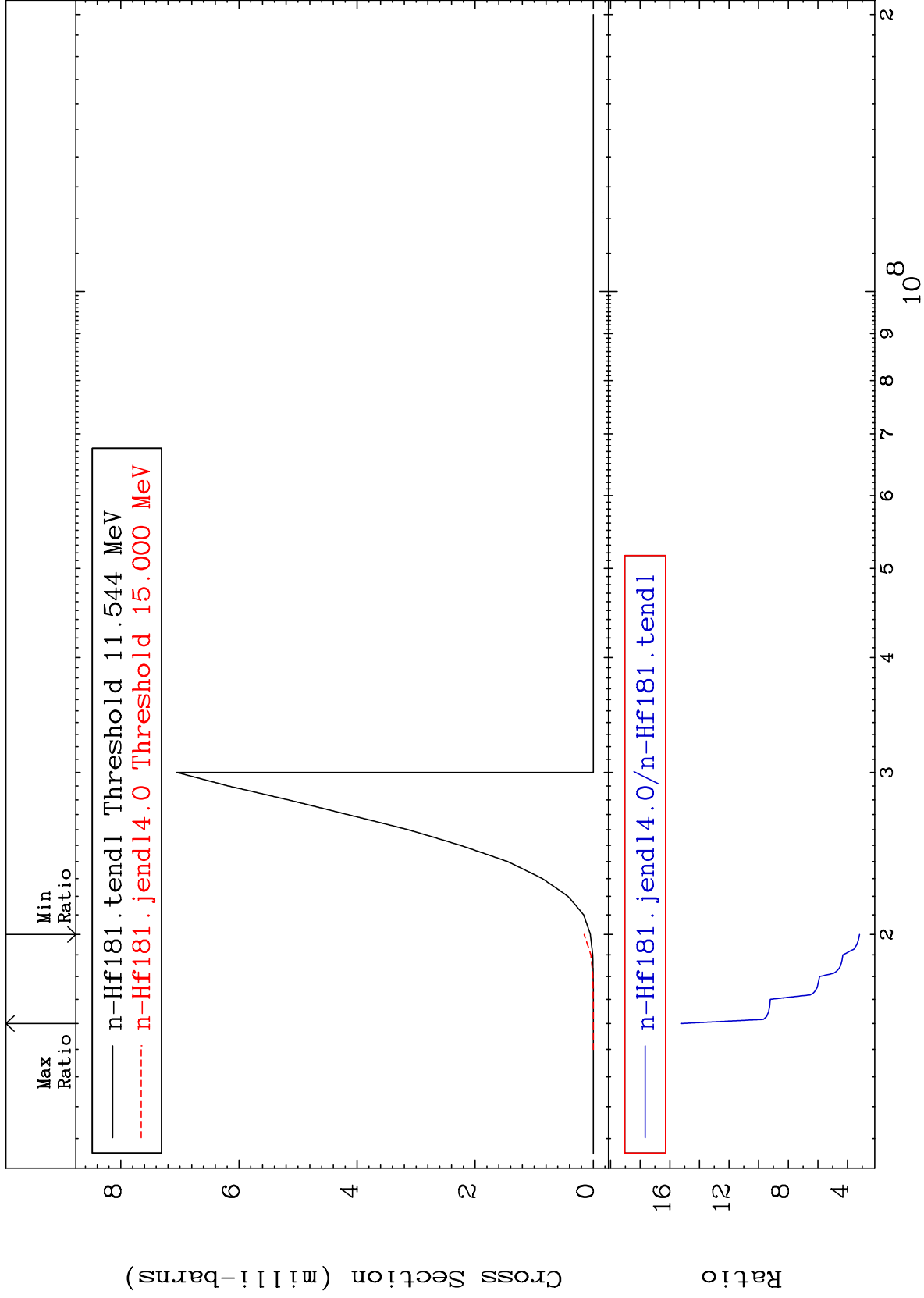
MAT 7246

(n,n') d

72-Hf-181

Cross Section

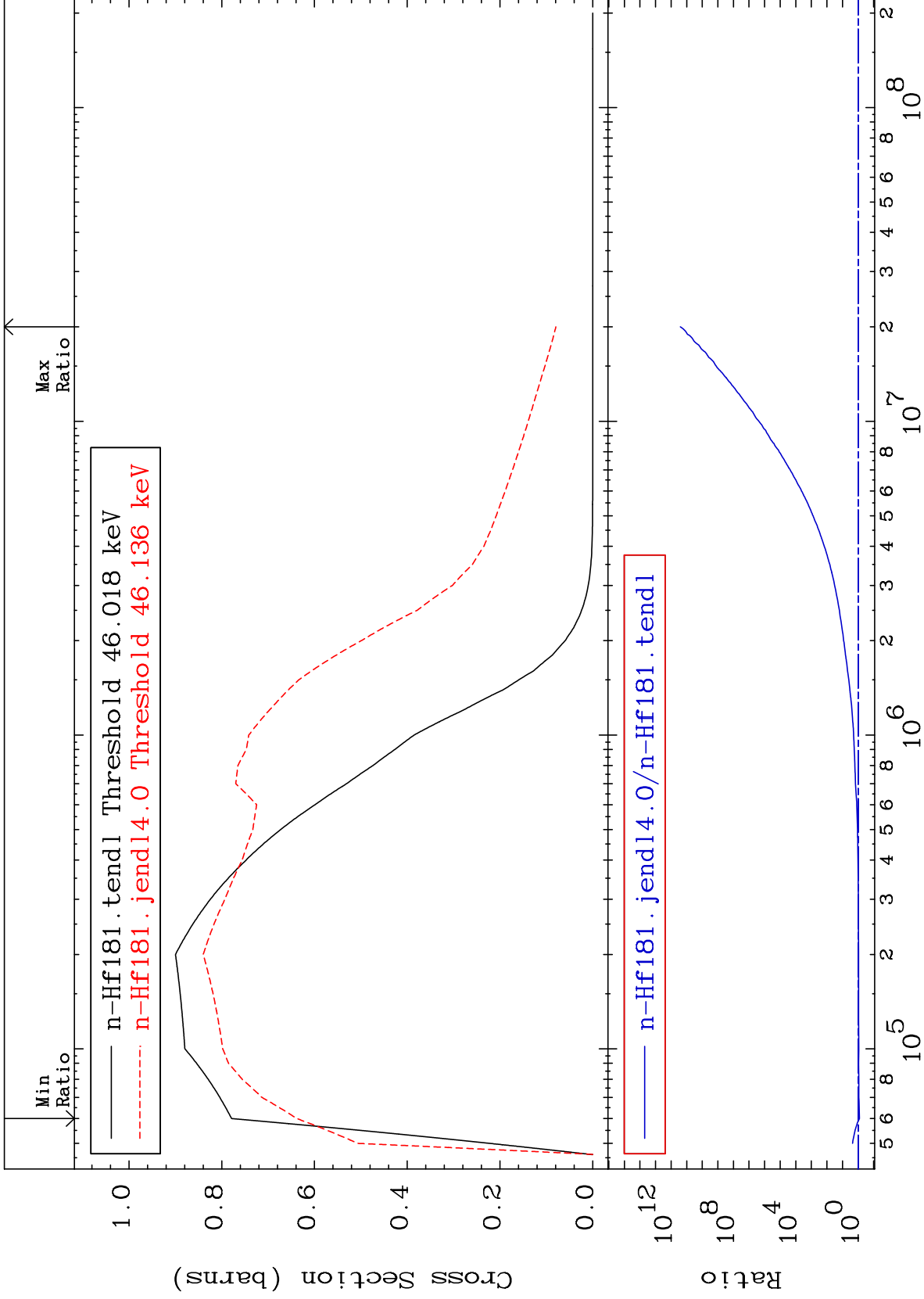
218.6 To 1426. %



MAT 7246

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

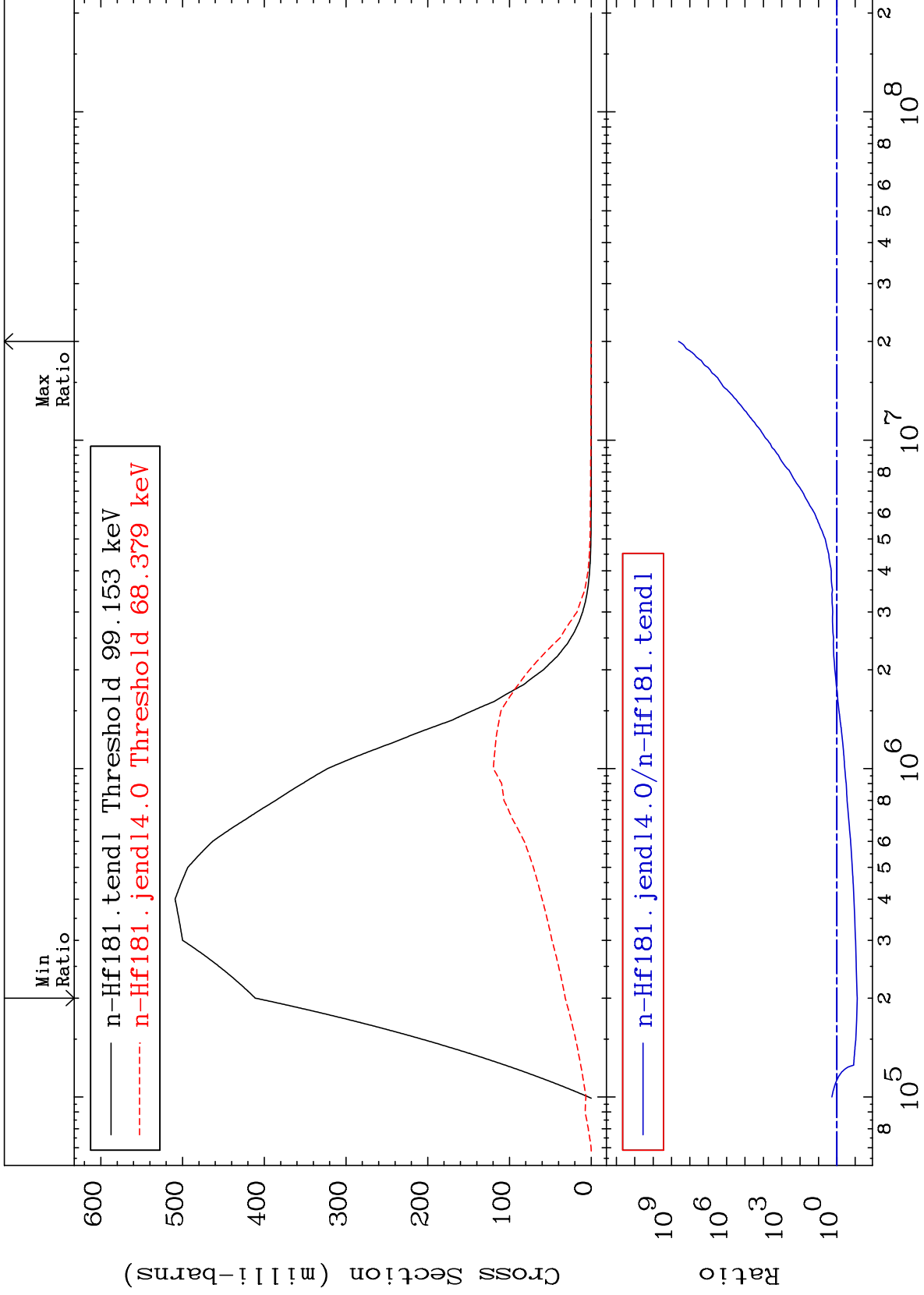
72-Hf-181
-18.07 To 9999. %



MAT 7246

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

72-Hf-181
-92.27 To 9999. %



10

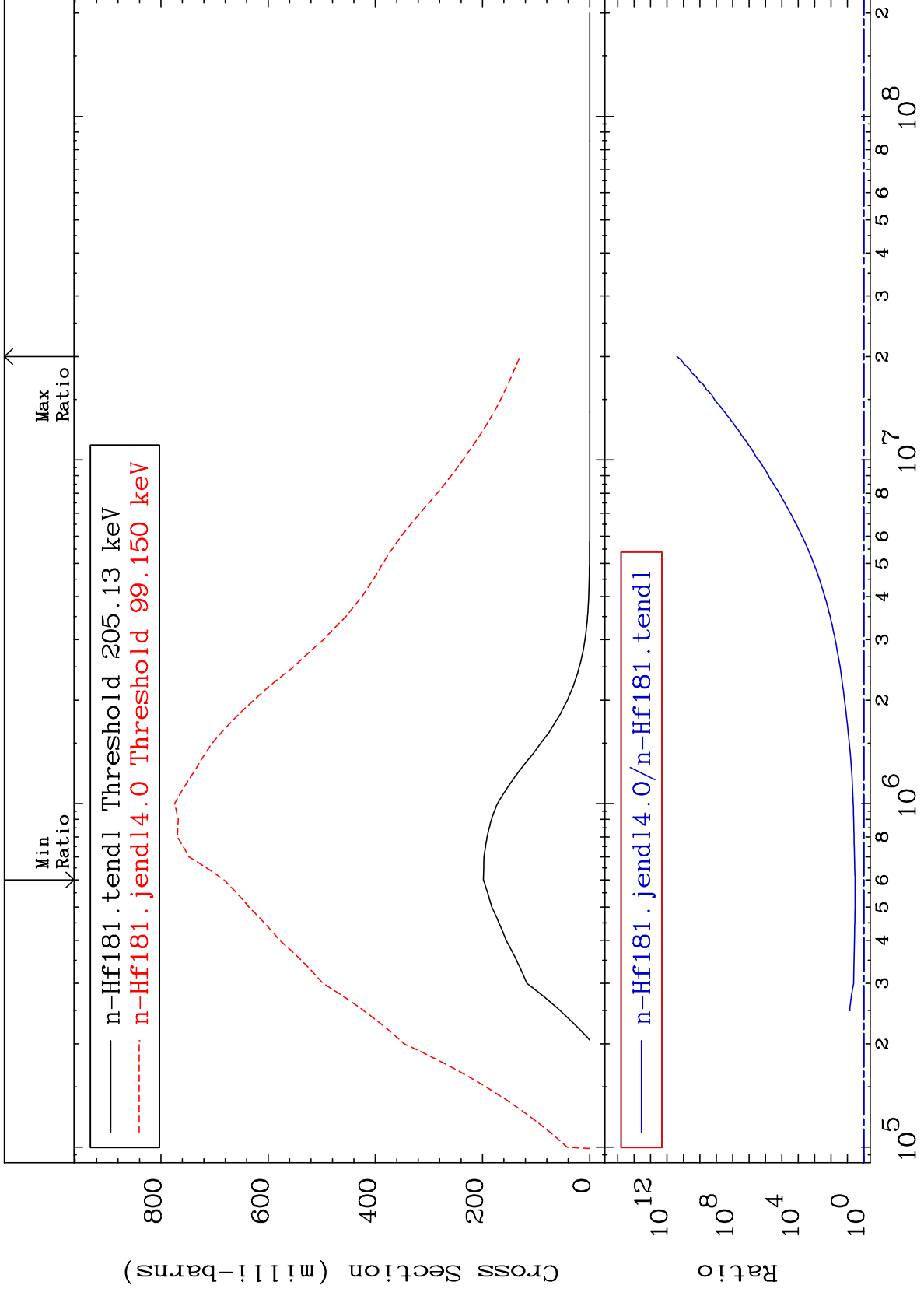
Incident Energy (eV)

72-Hf-181

MAT 7246

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

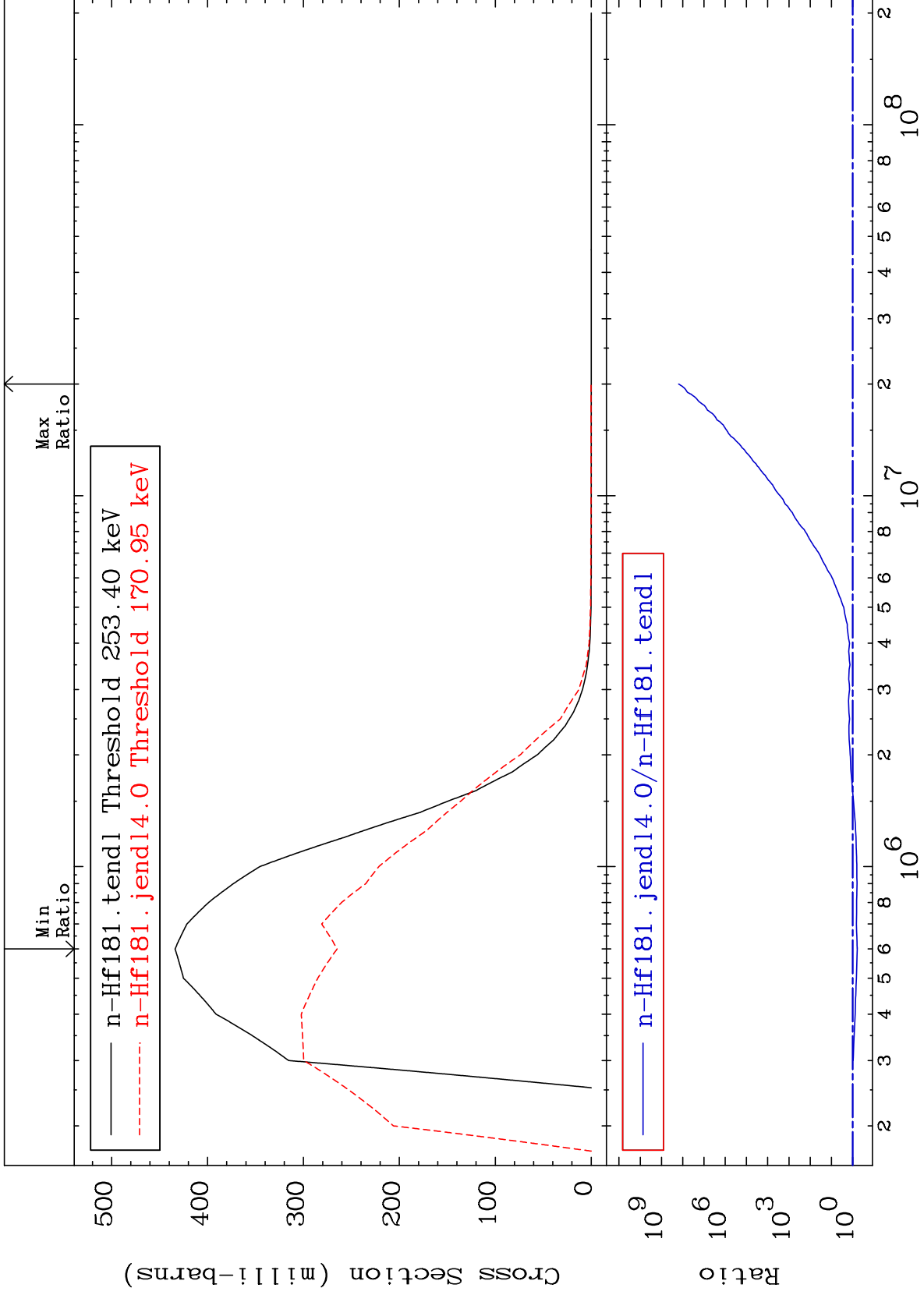
72-Hf-181
244.1 To 9999. %



MAT 7246

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

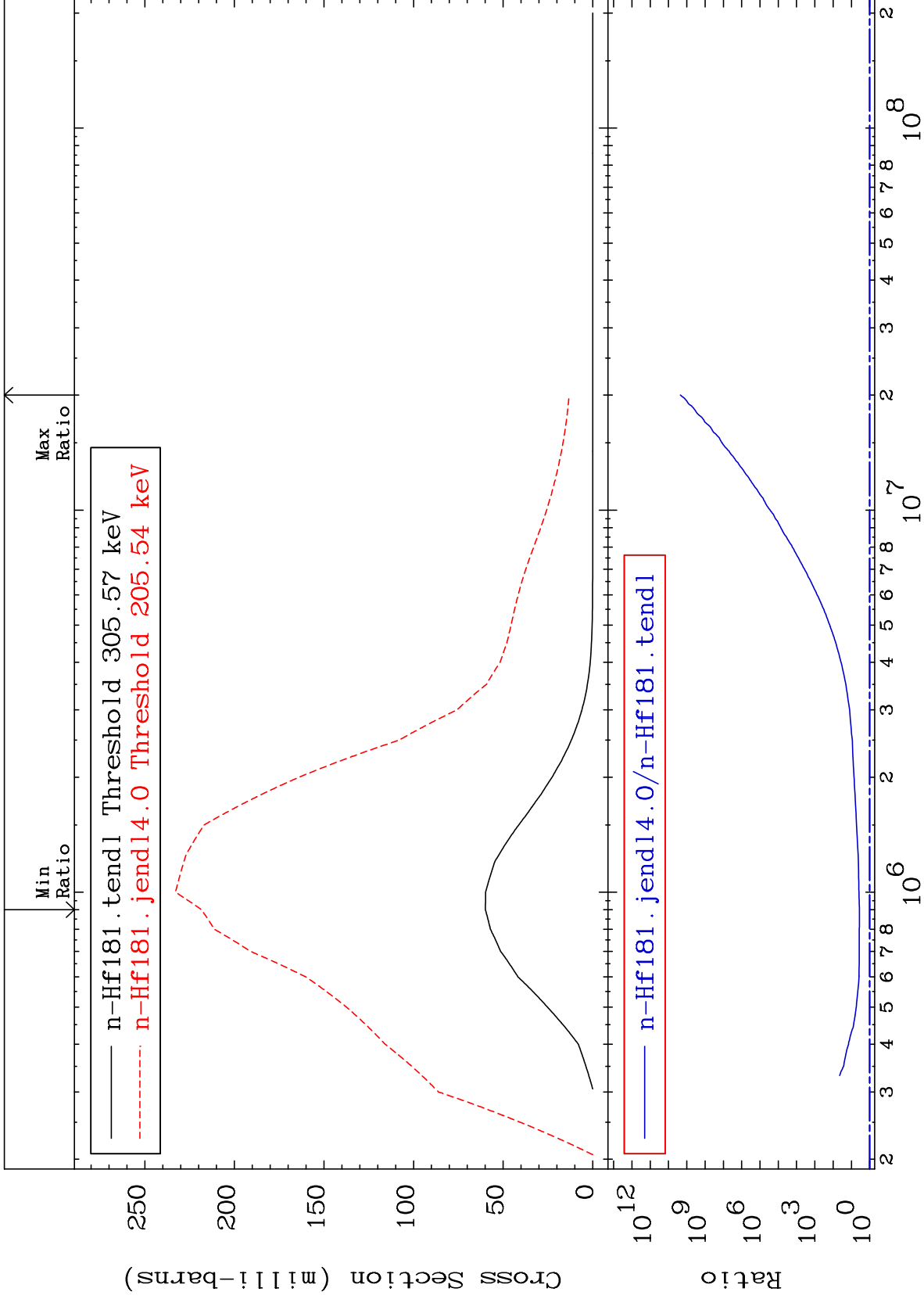
72-Hf-181
-38.95 To 9999. %



MAT 7246

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

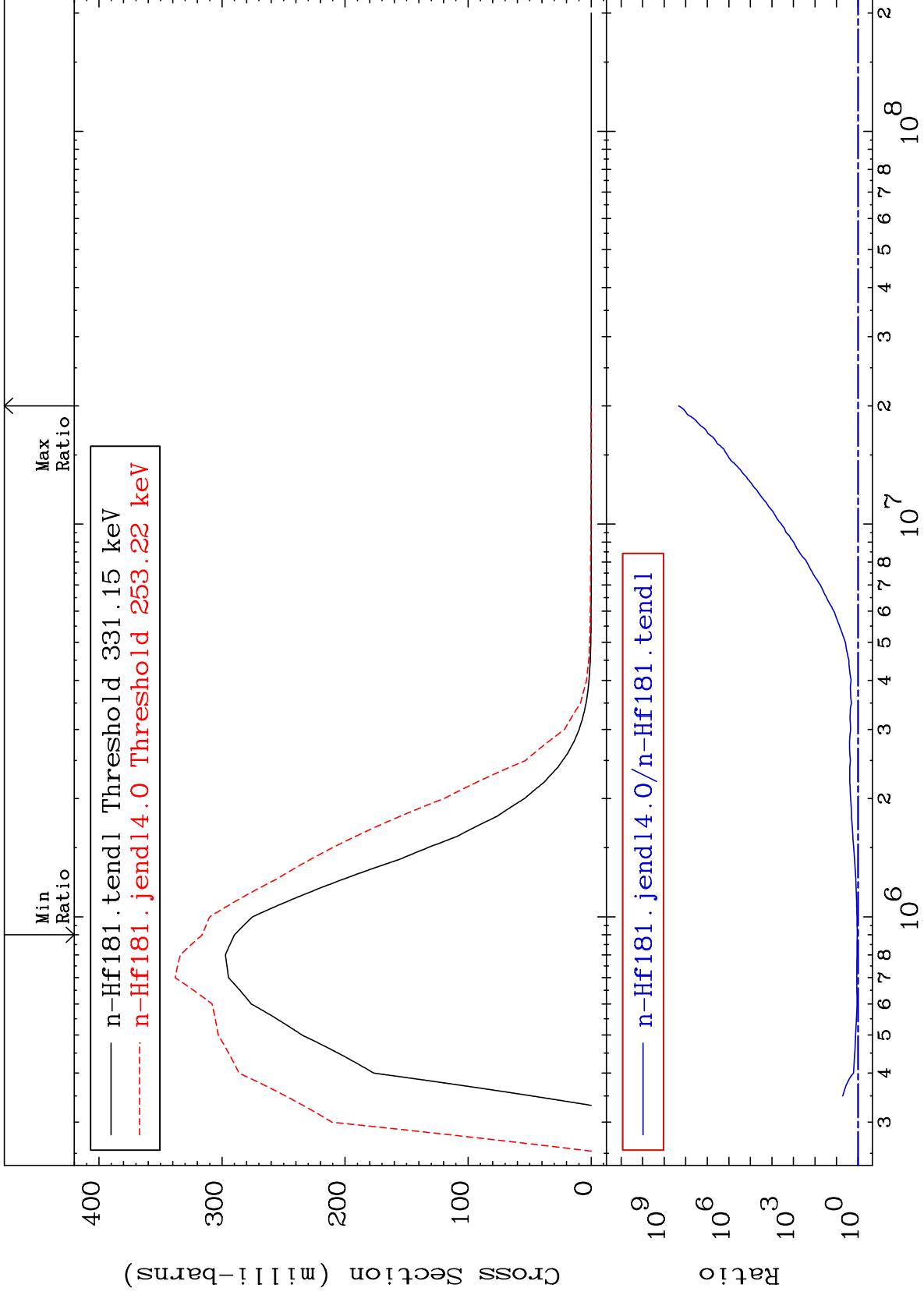
72-Hf-181
264.7 To 9999. %



MAT 7246

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

72-Hf-181
9.047 To 9999. %



14

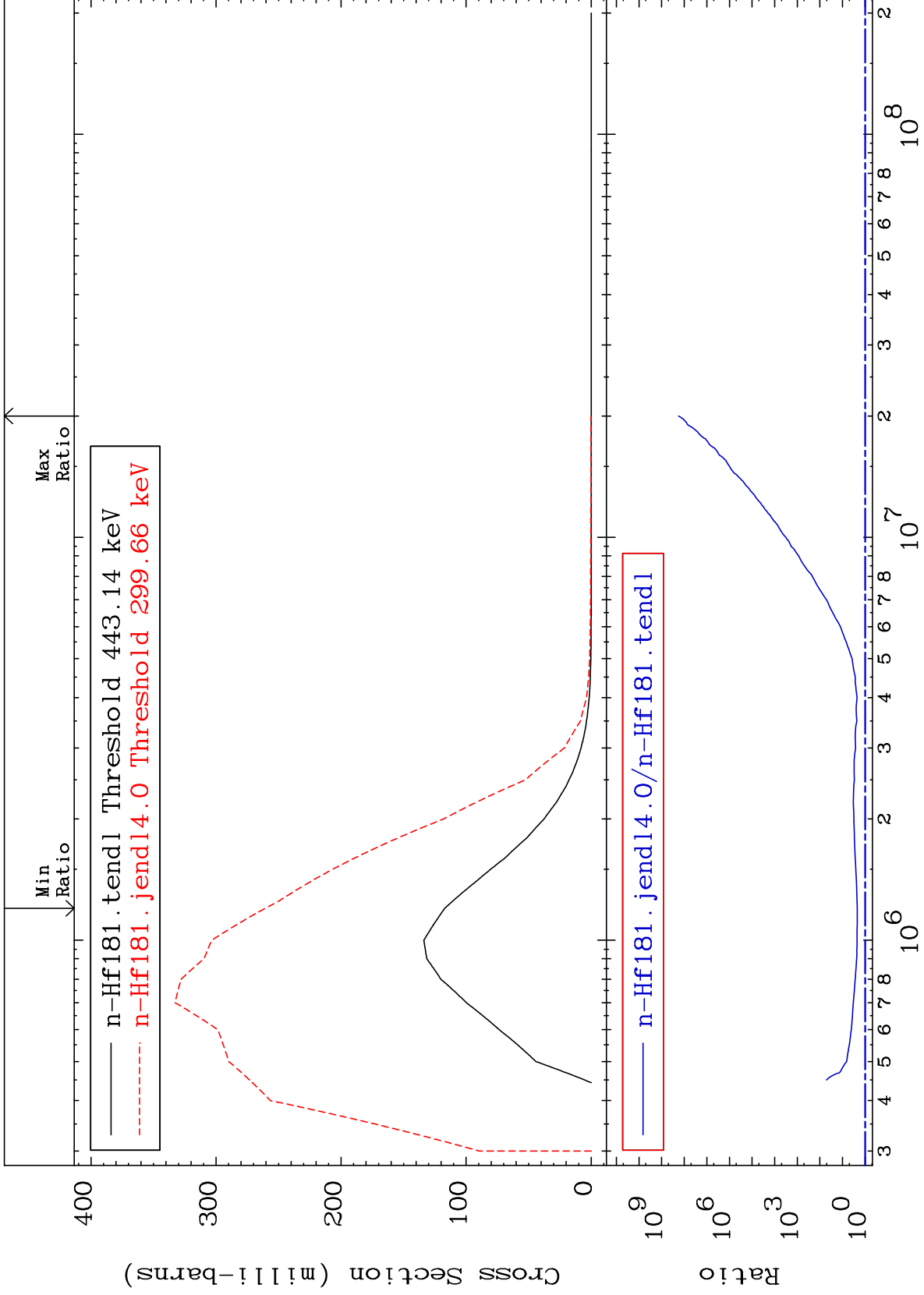
Incident Energy (eV)

72-Hf-181

MAT 7246

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

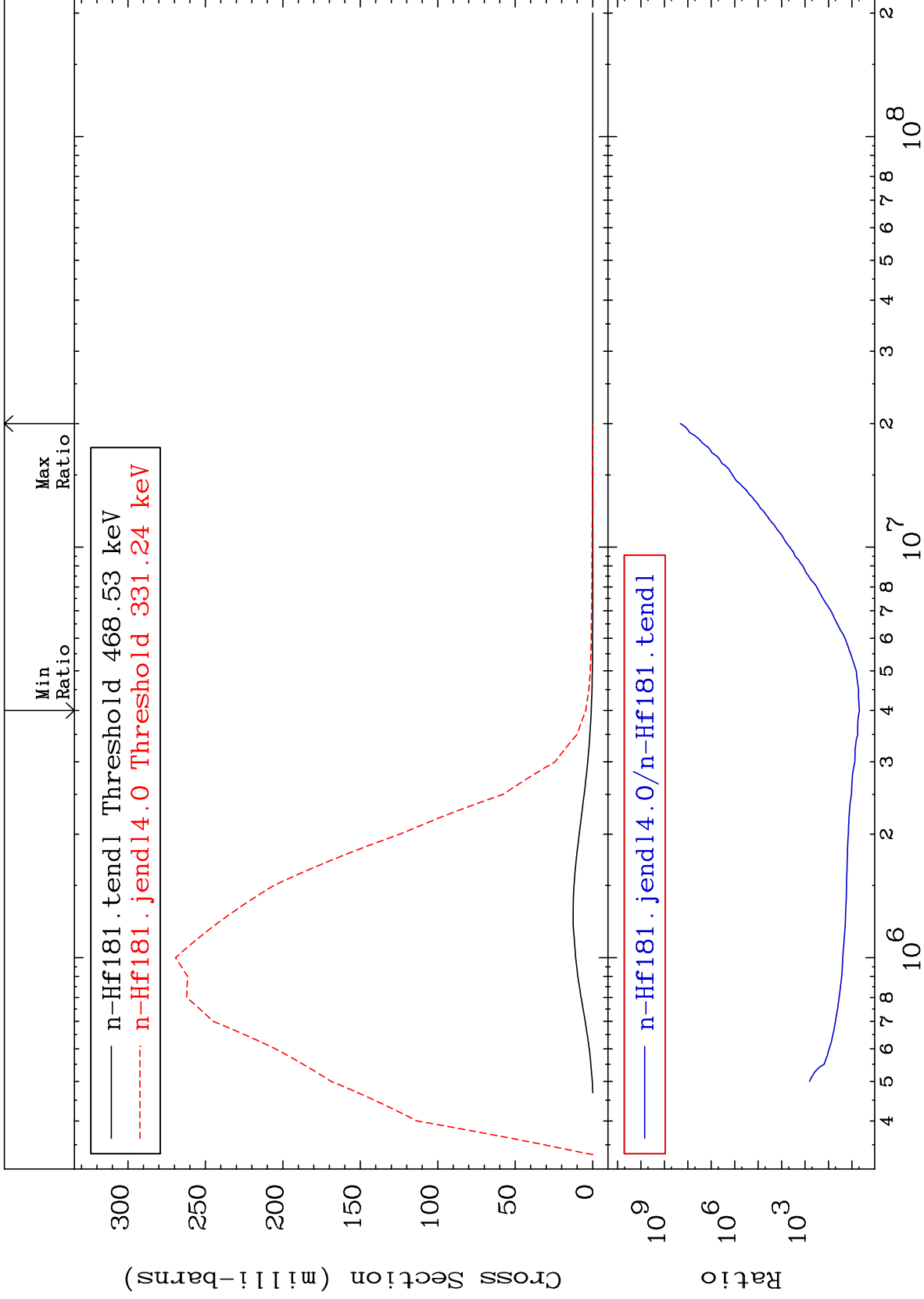
72-Hf-181
122.5 To 9999. %



MAT 7246

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

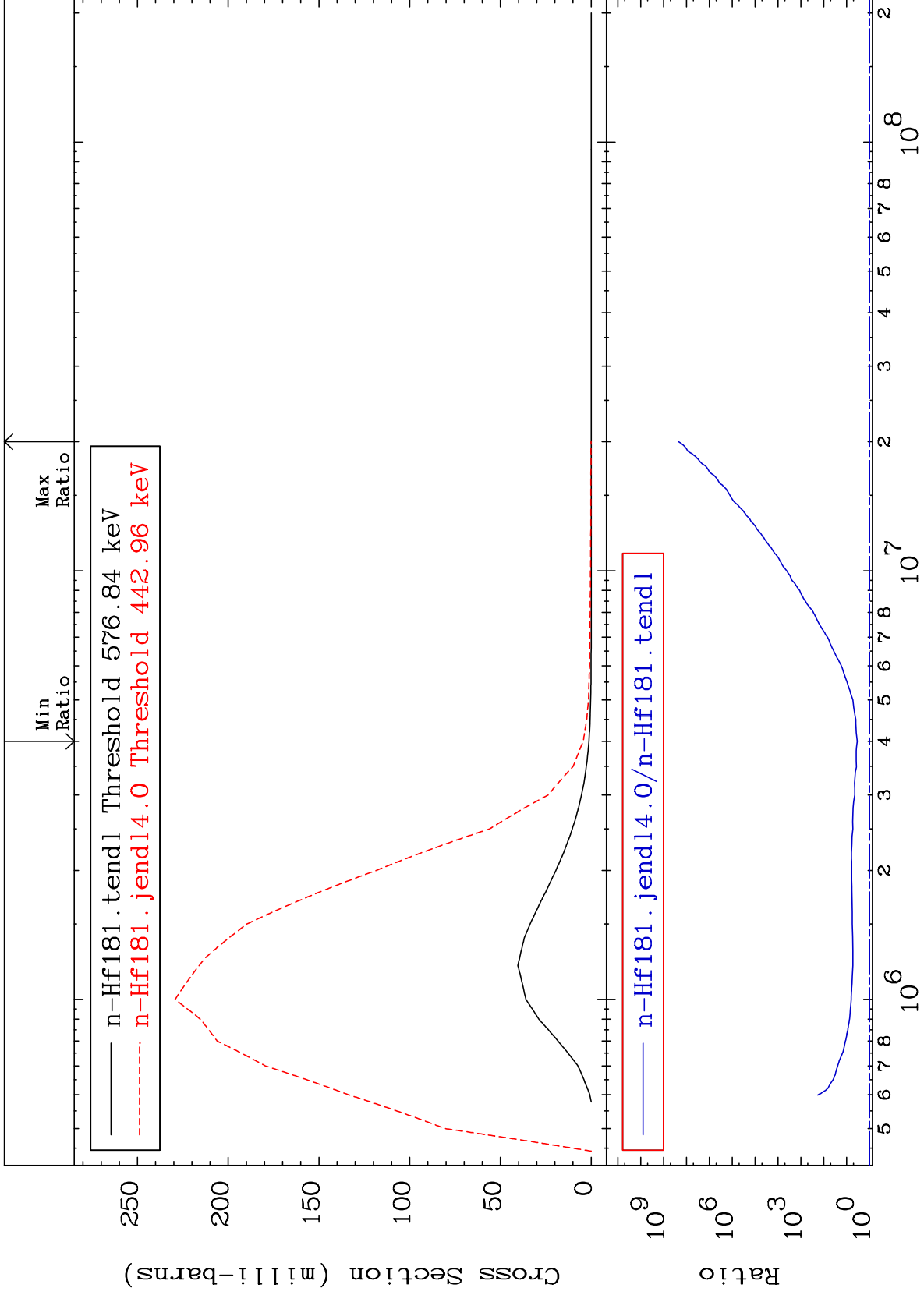
72-Hf-181
377.4 To 9999. %



MAT 7246

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

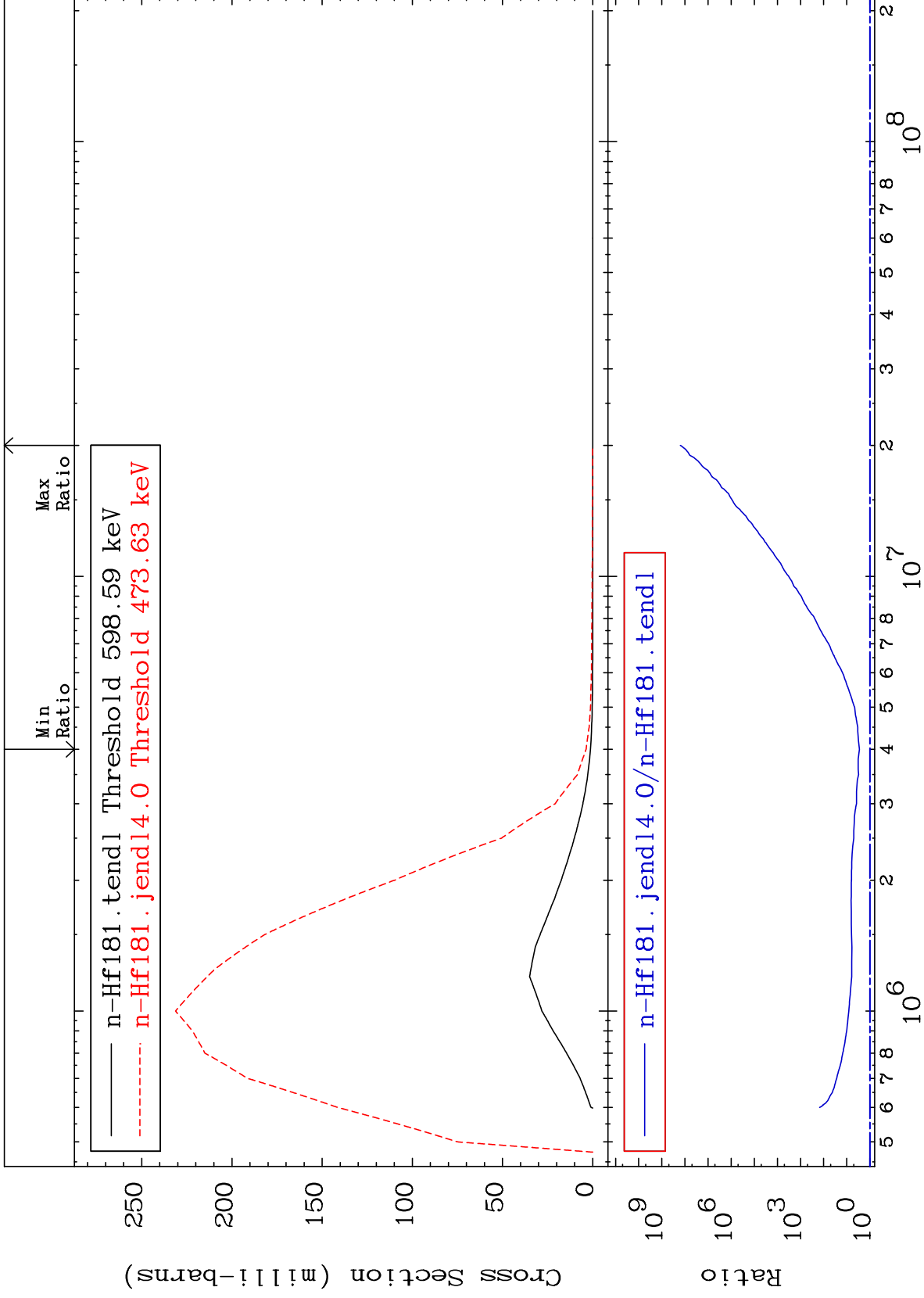
72-Hf-181
244.5 To 9999. %



MAT 7246

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

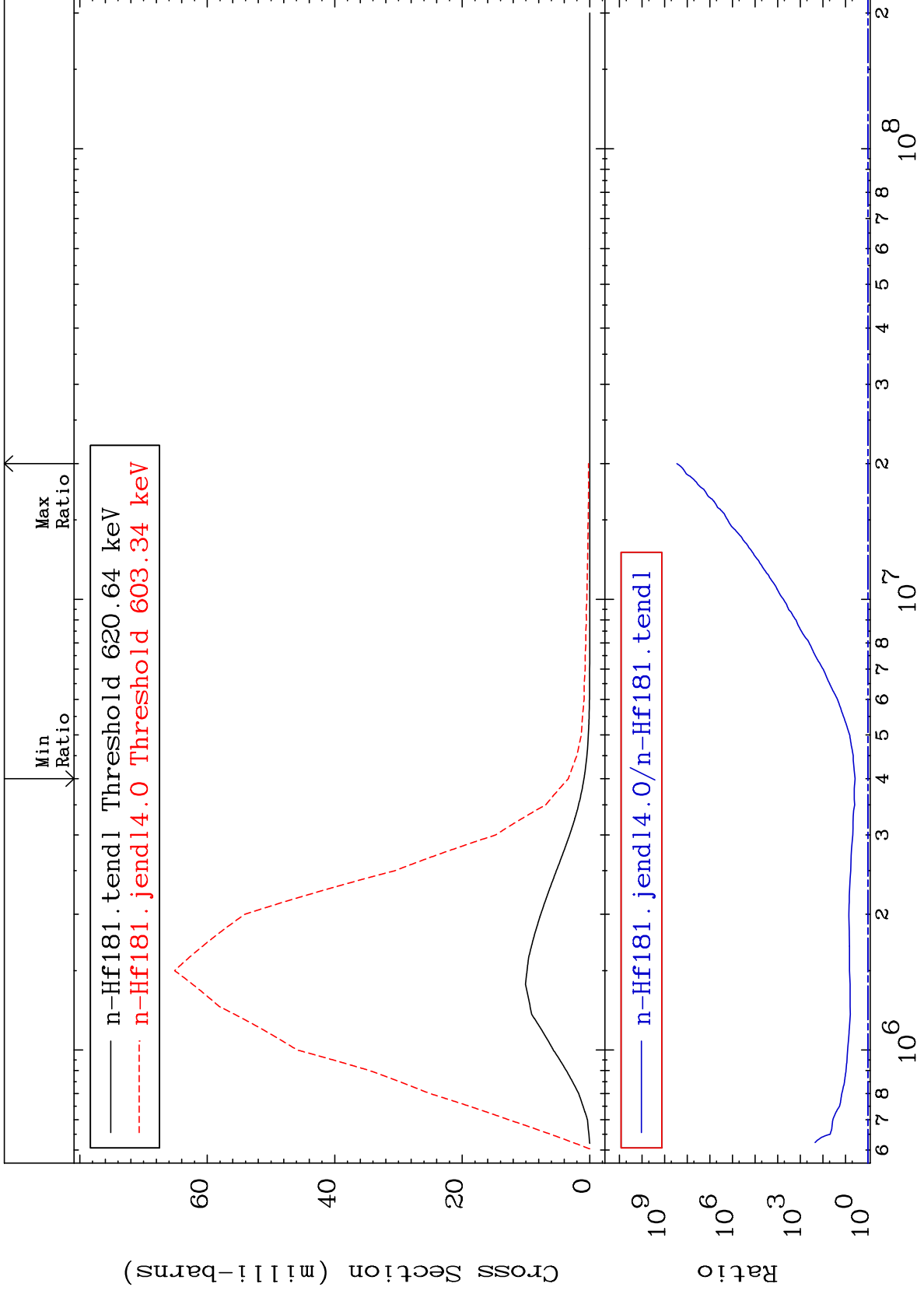
72-Hf-181
183.6 To 9999. %



MAT 7246

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

72-Hf-181
274.2 To 9999. %



19

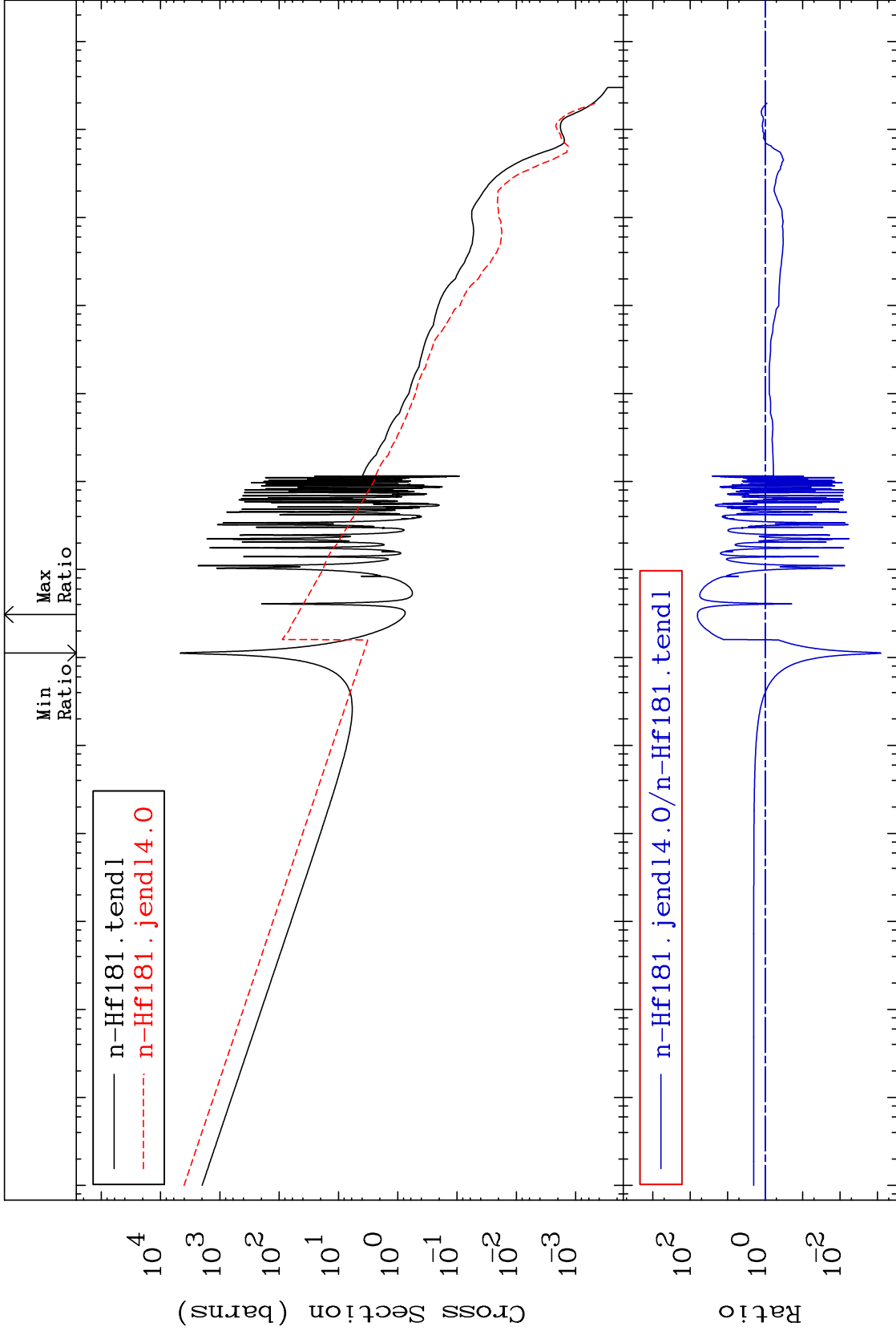
Incident Energy (eV)

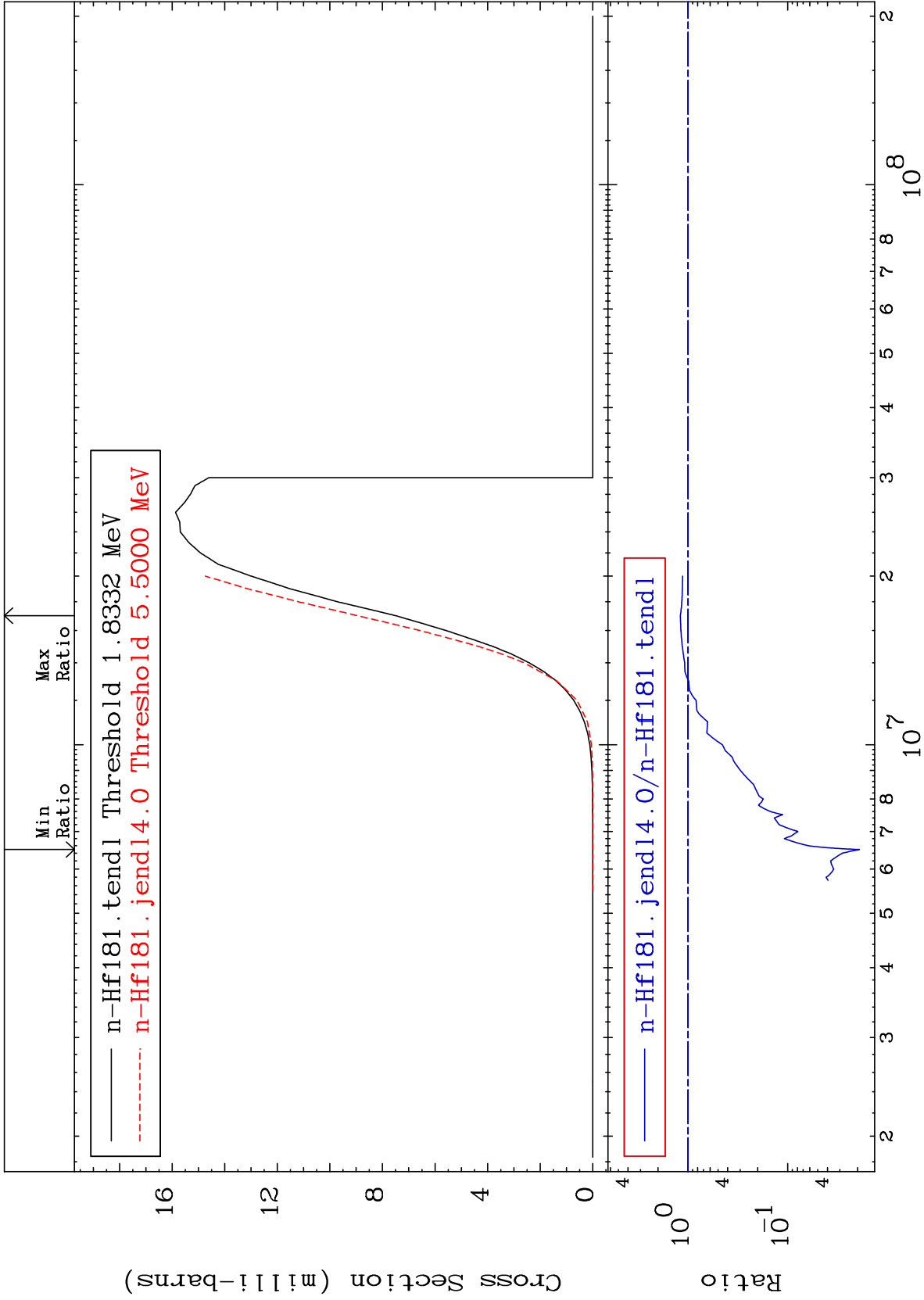
72-Hf-181

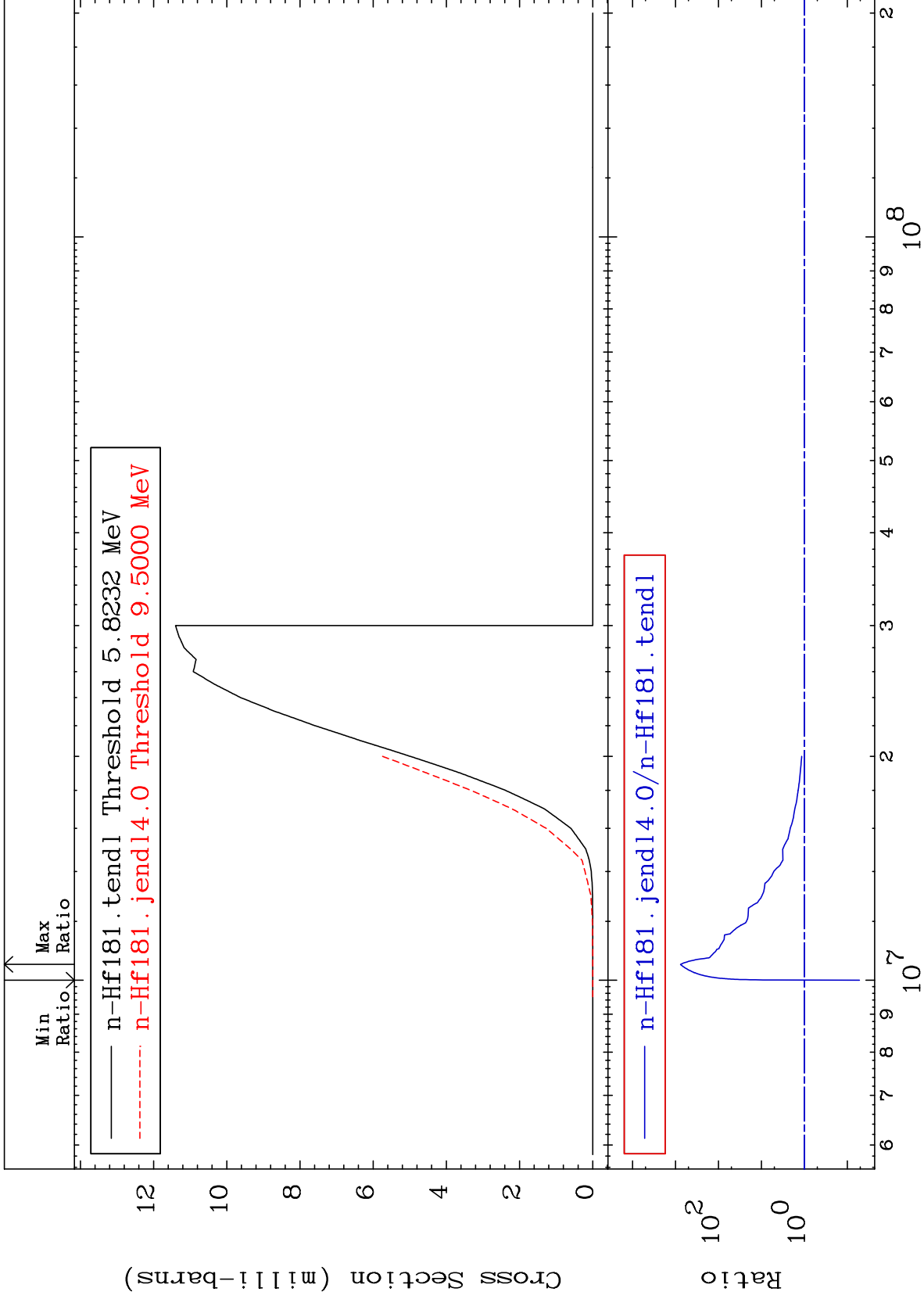
MAT 7246

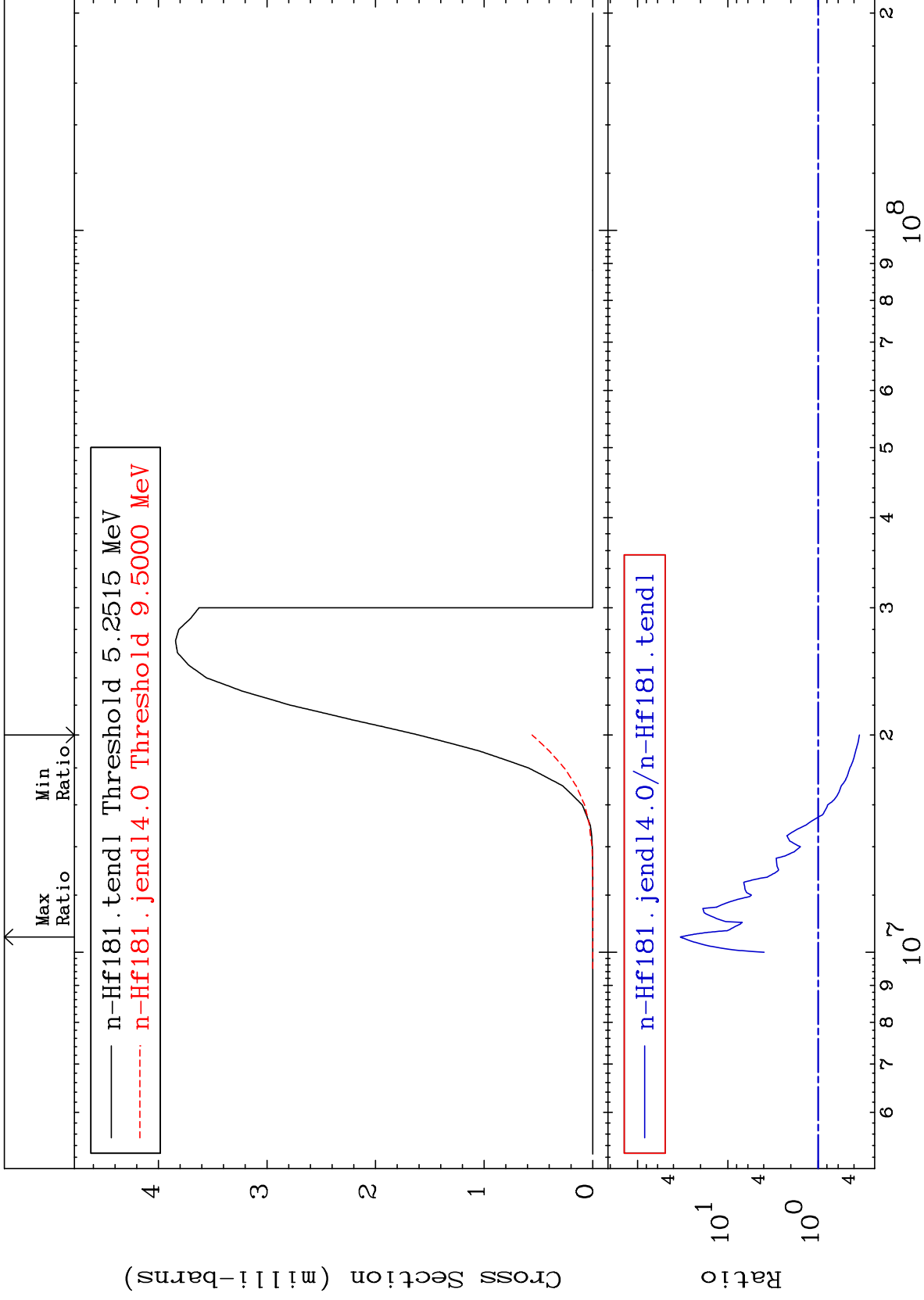
(n, γ)
Cross Section

72-Hf-181
-99.92 To 6295. %









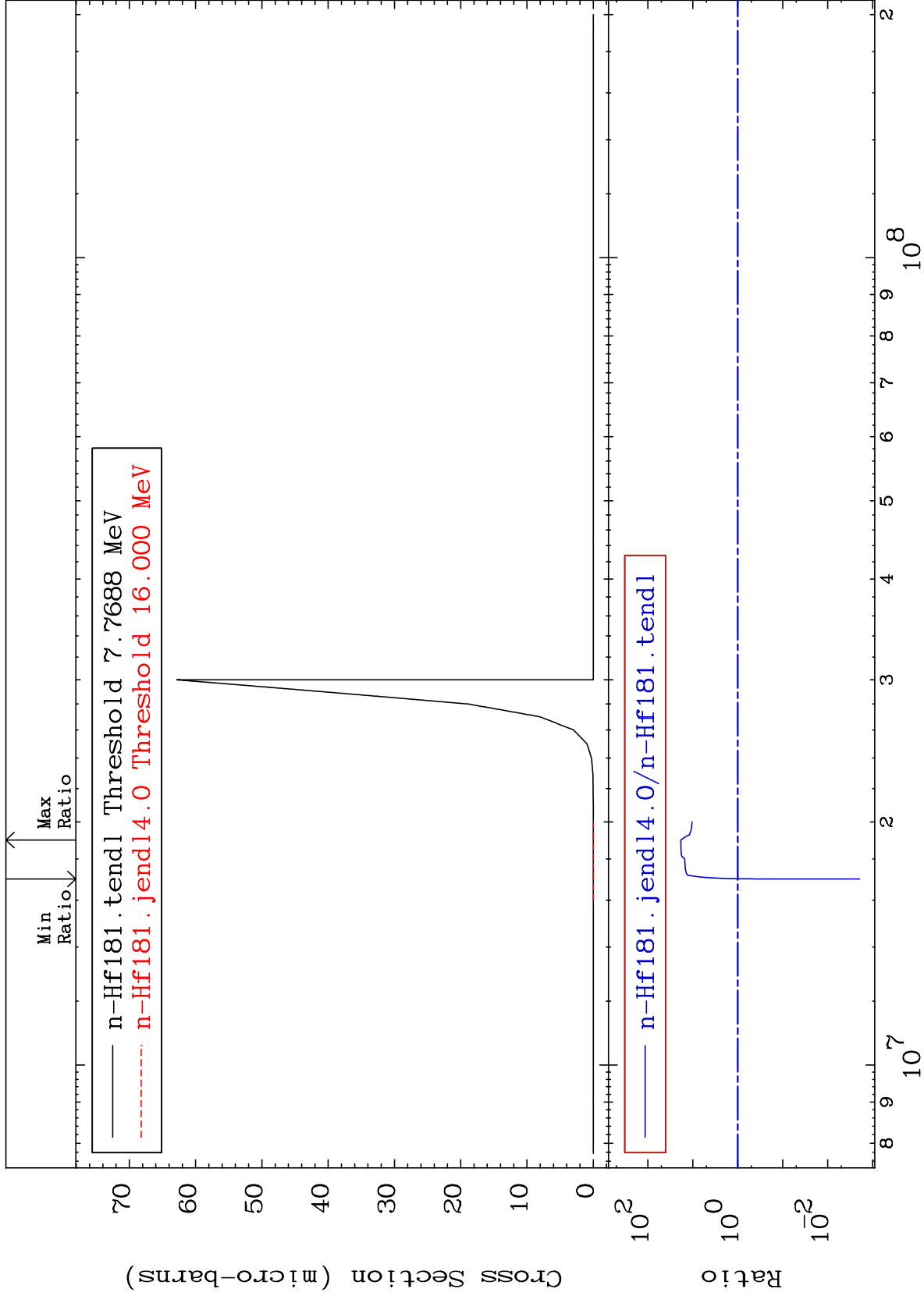
MAT 7246

(n, He-3)

72-Hf-181

Cross Section

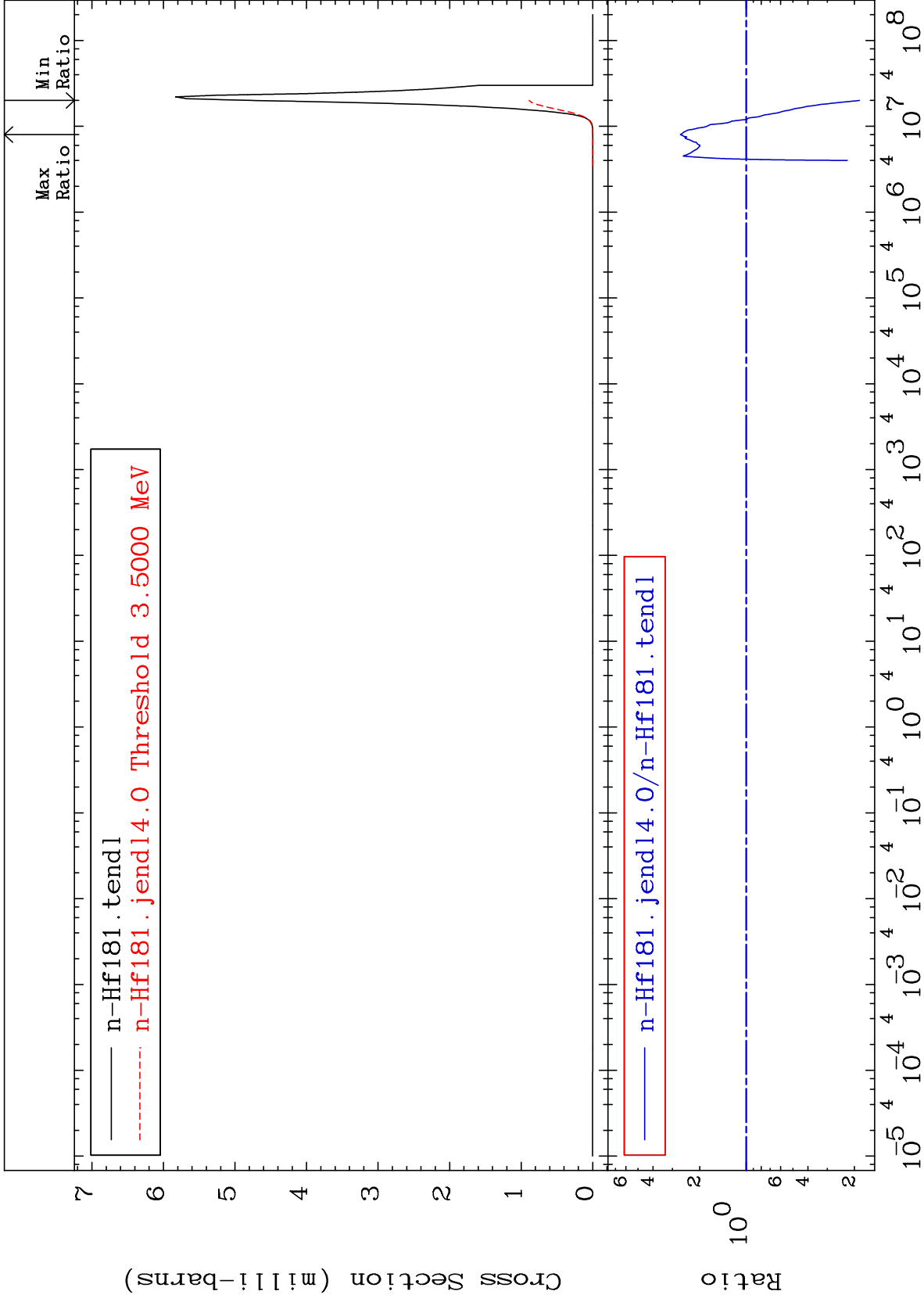
-99.80 To 1755. %

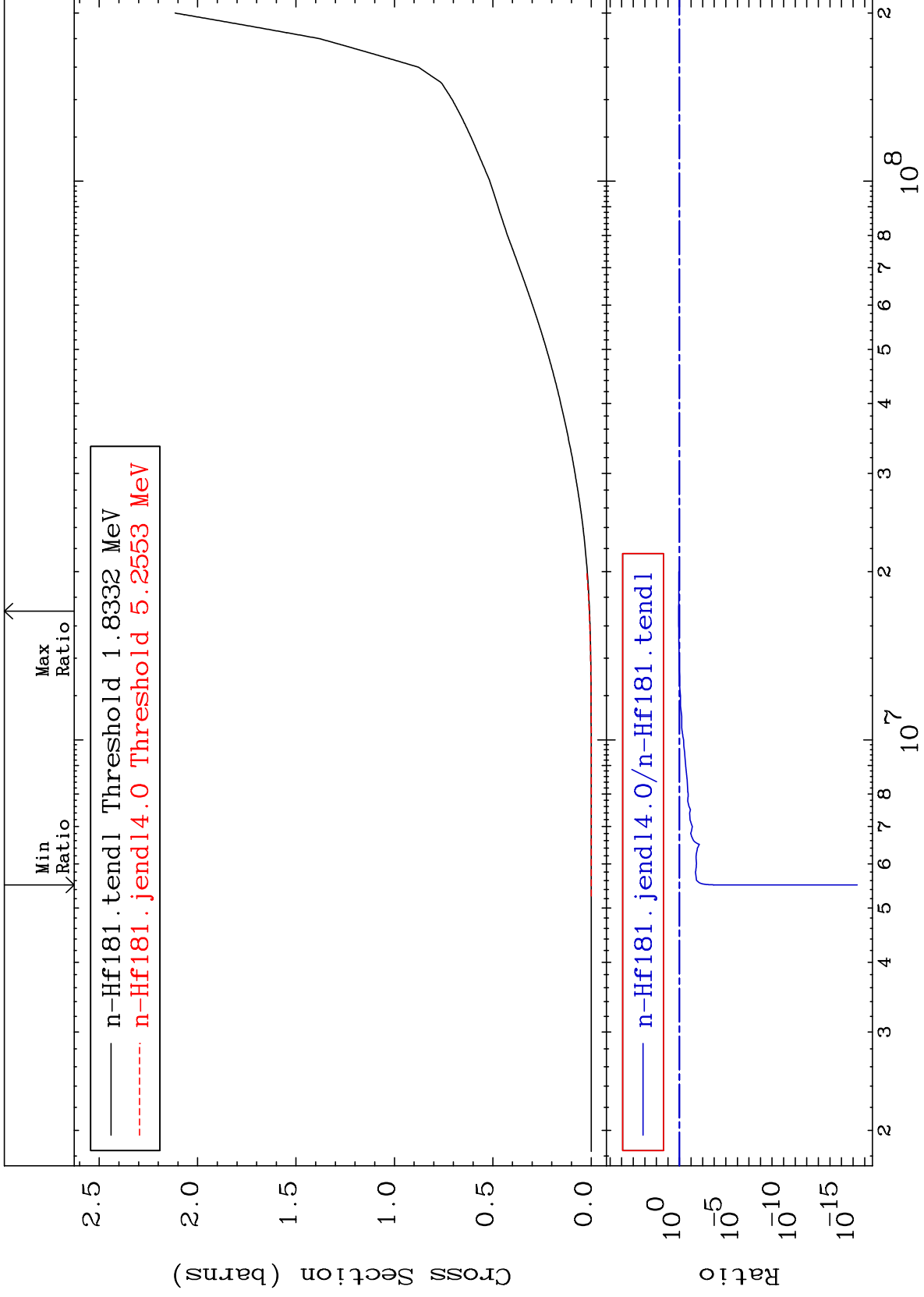


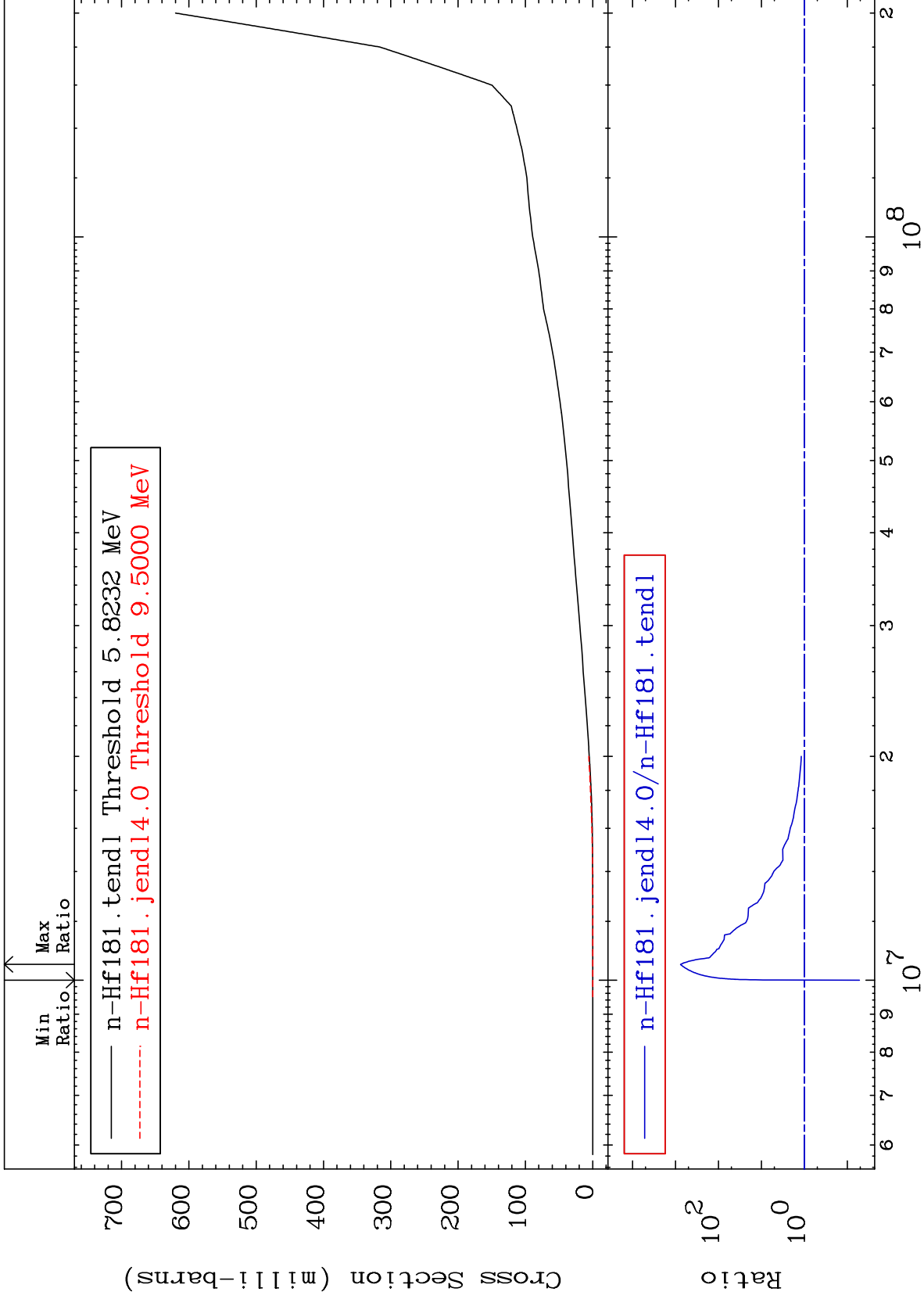
25

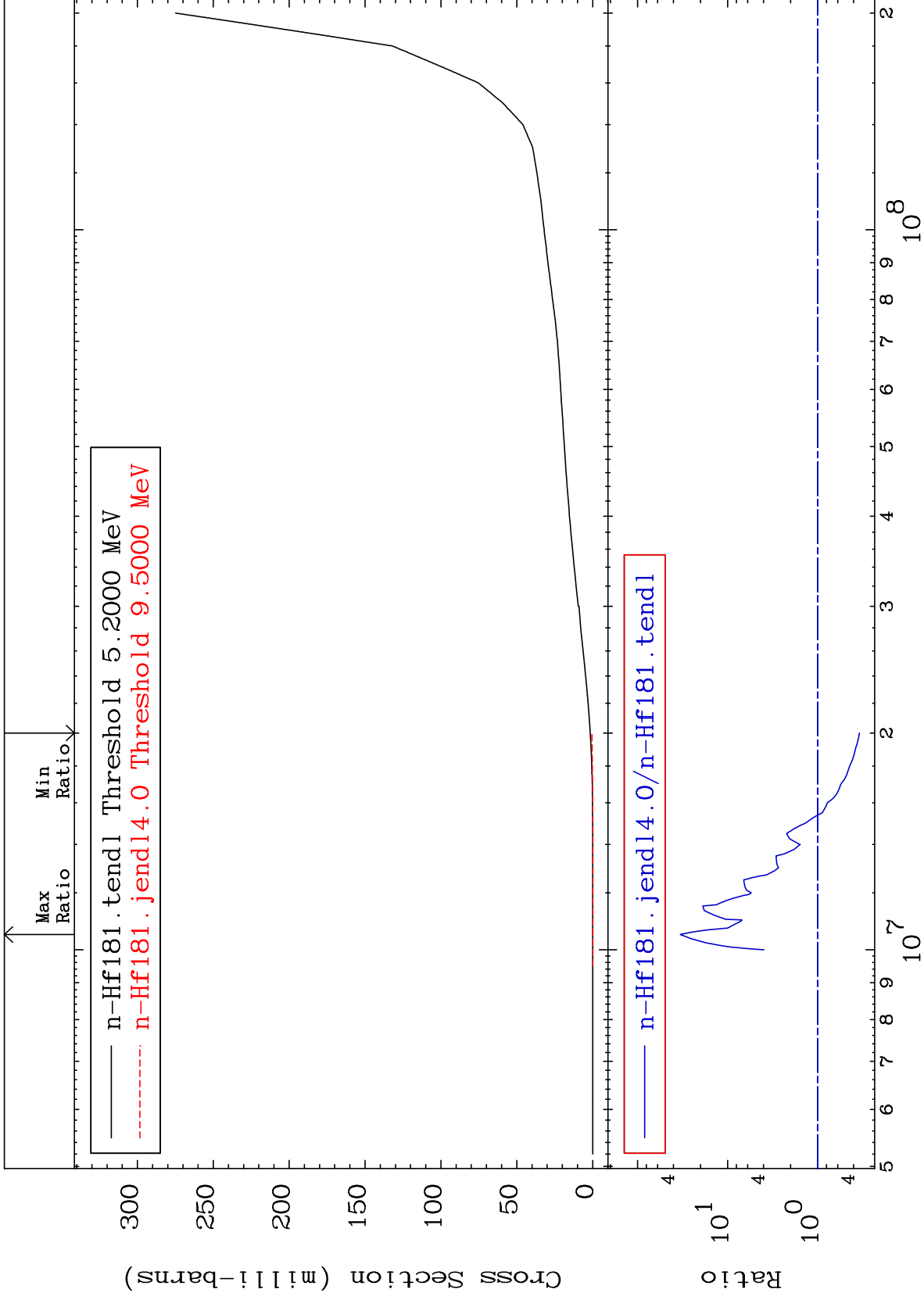
72-Hf-181

72-Hf-181





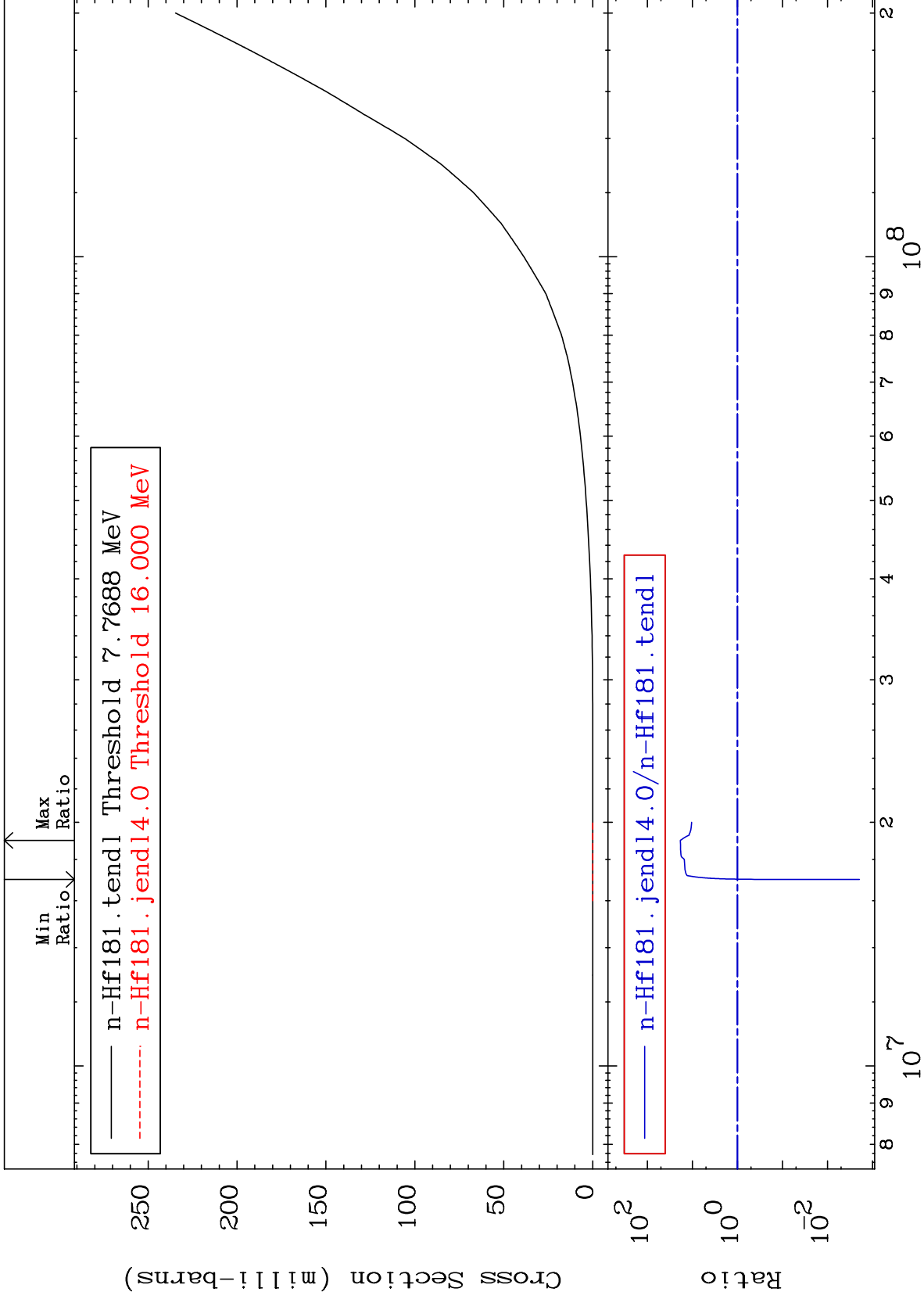




MAT 7246

He-3 Production
Cross Section

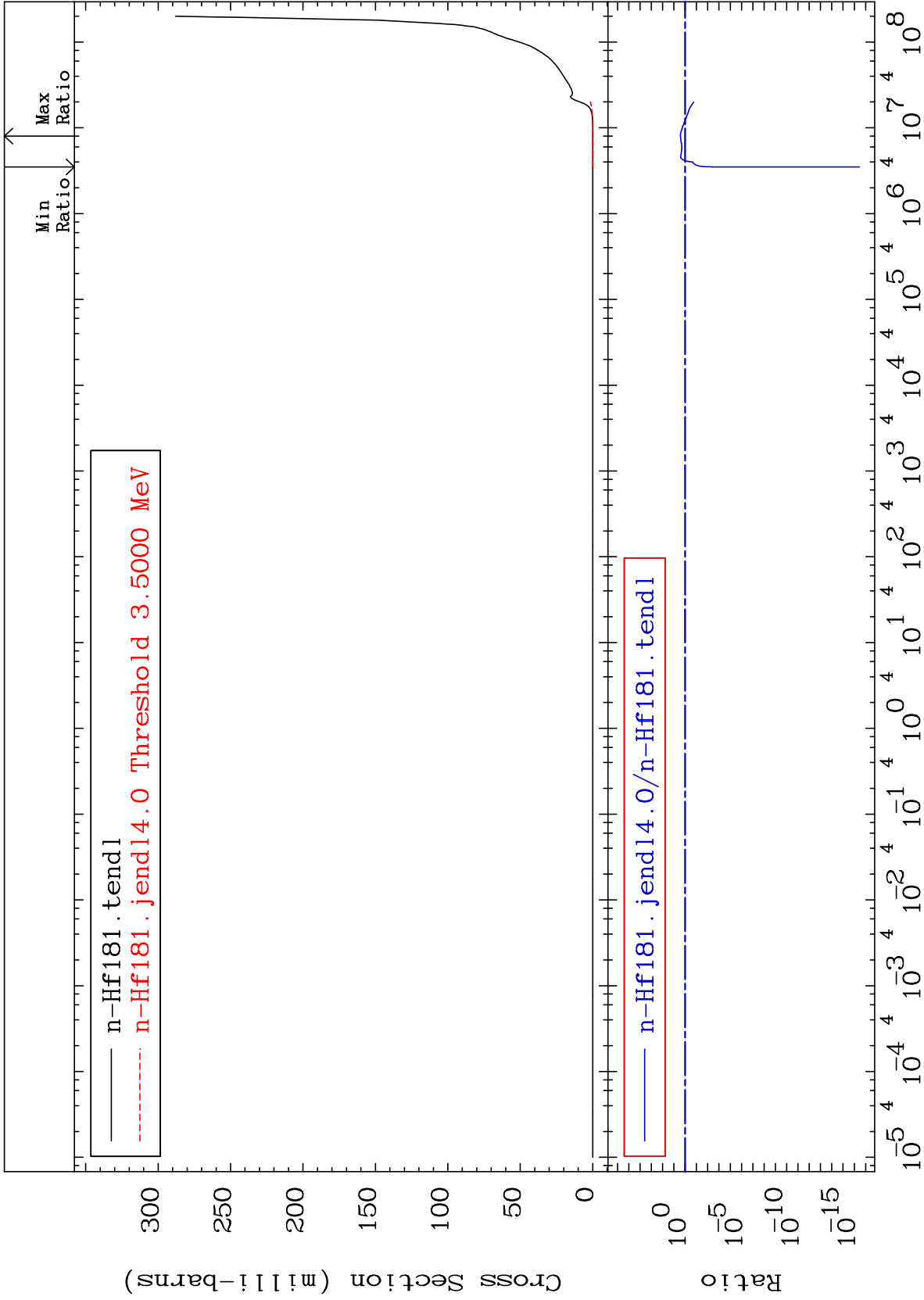
72-Hf-181
-99.80 To 1755. %

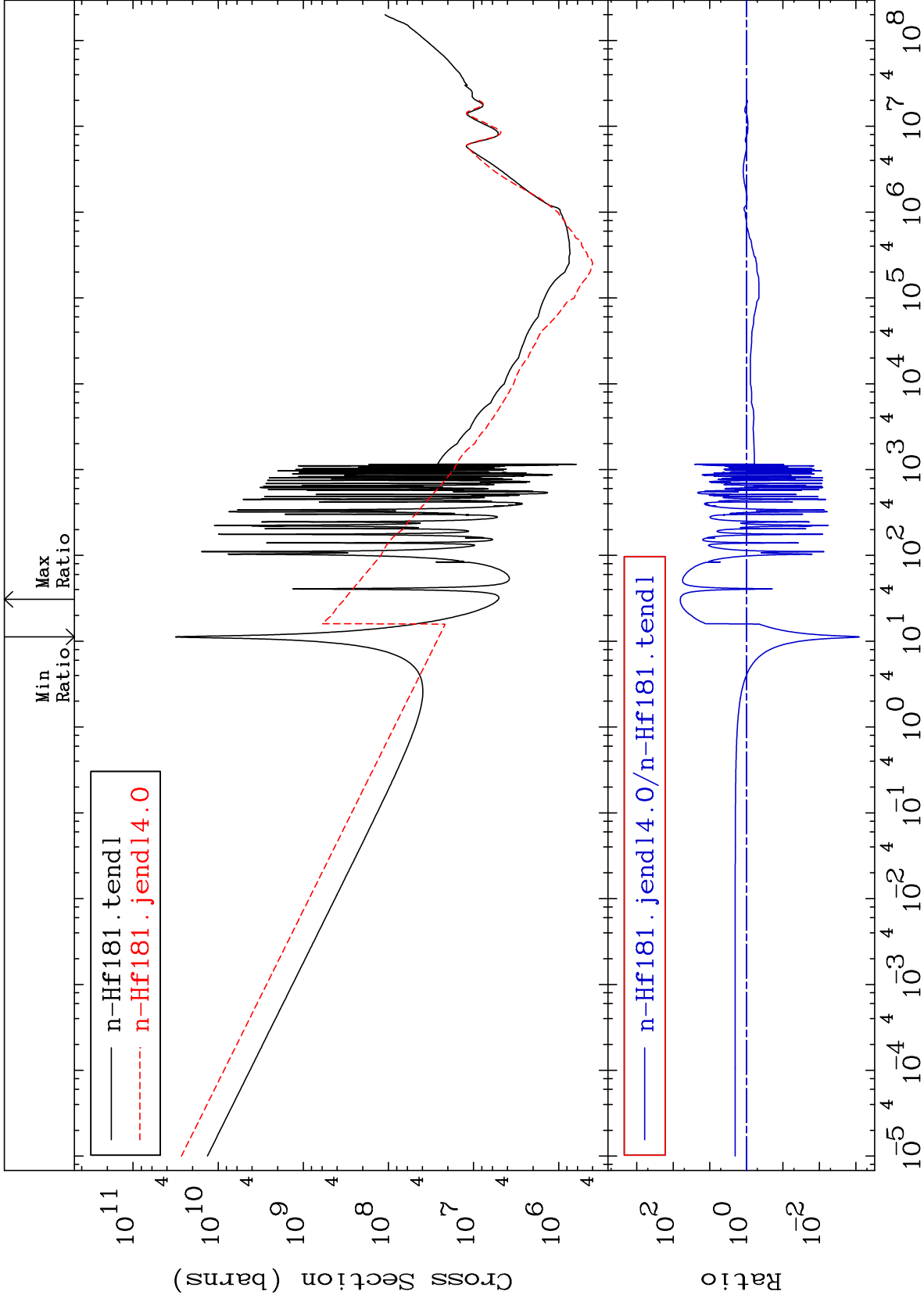


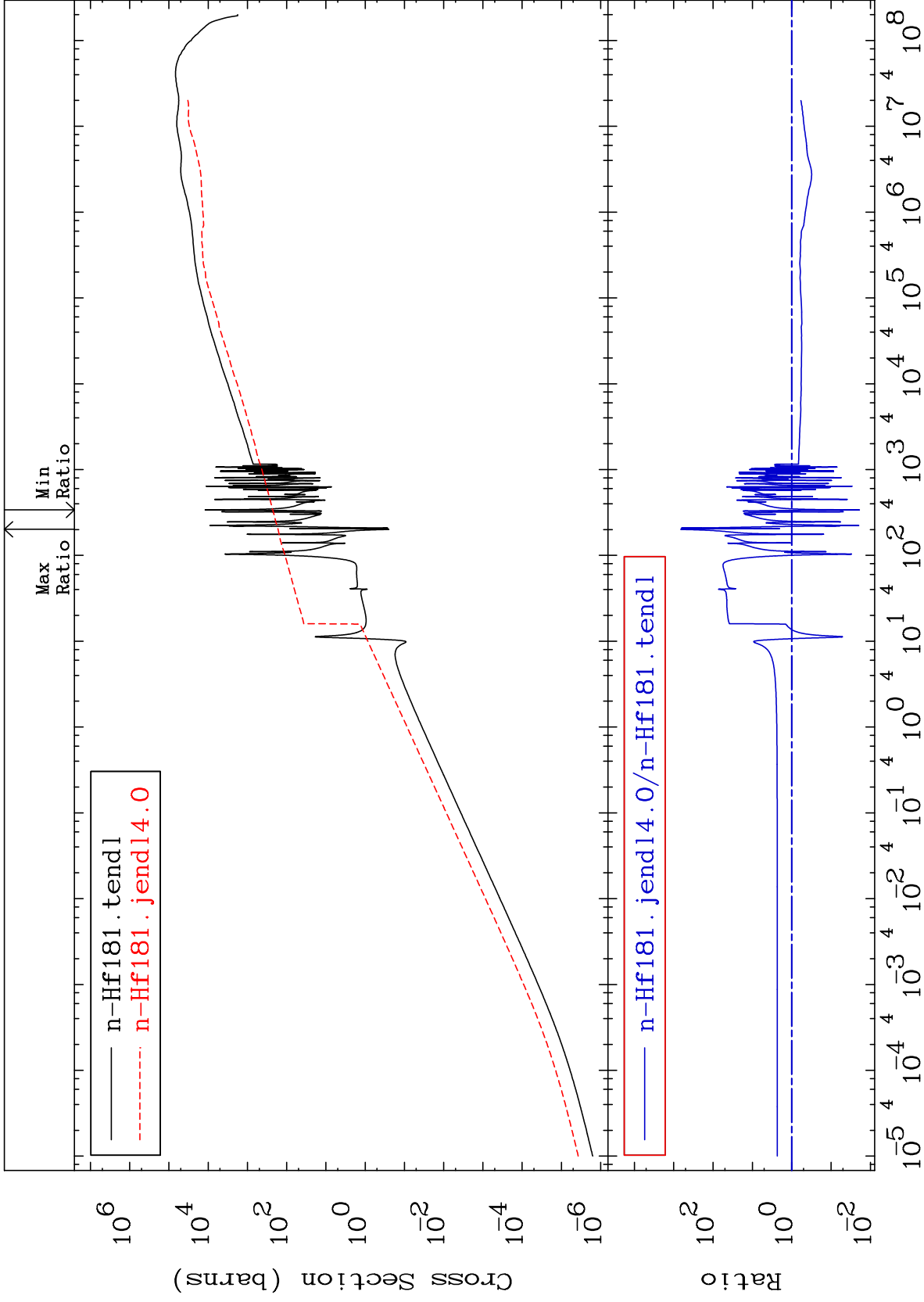
30

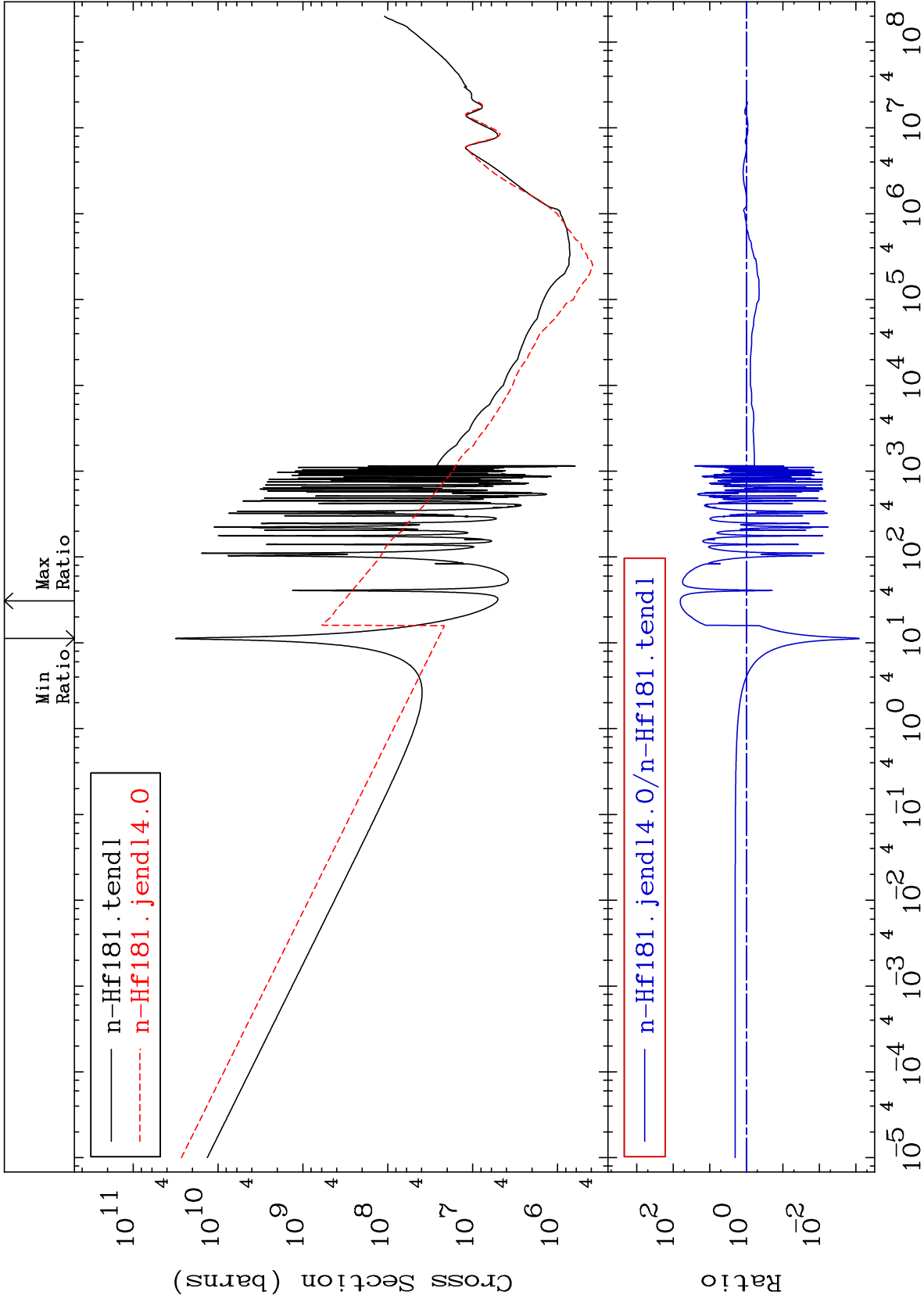
Incident Energy (eV)

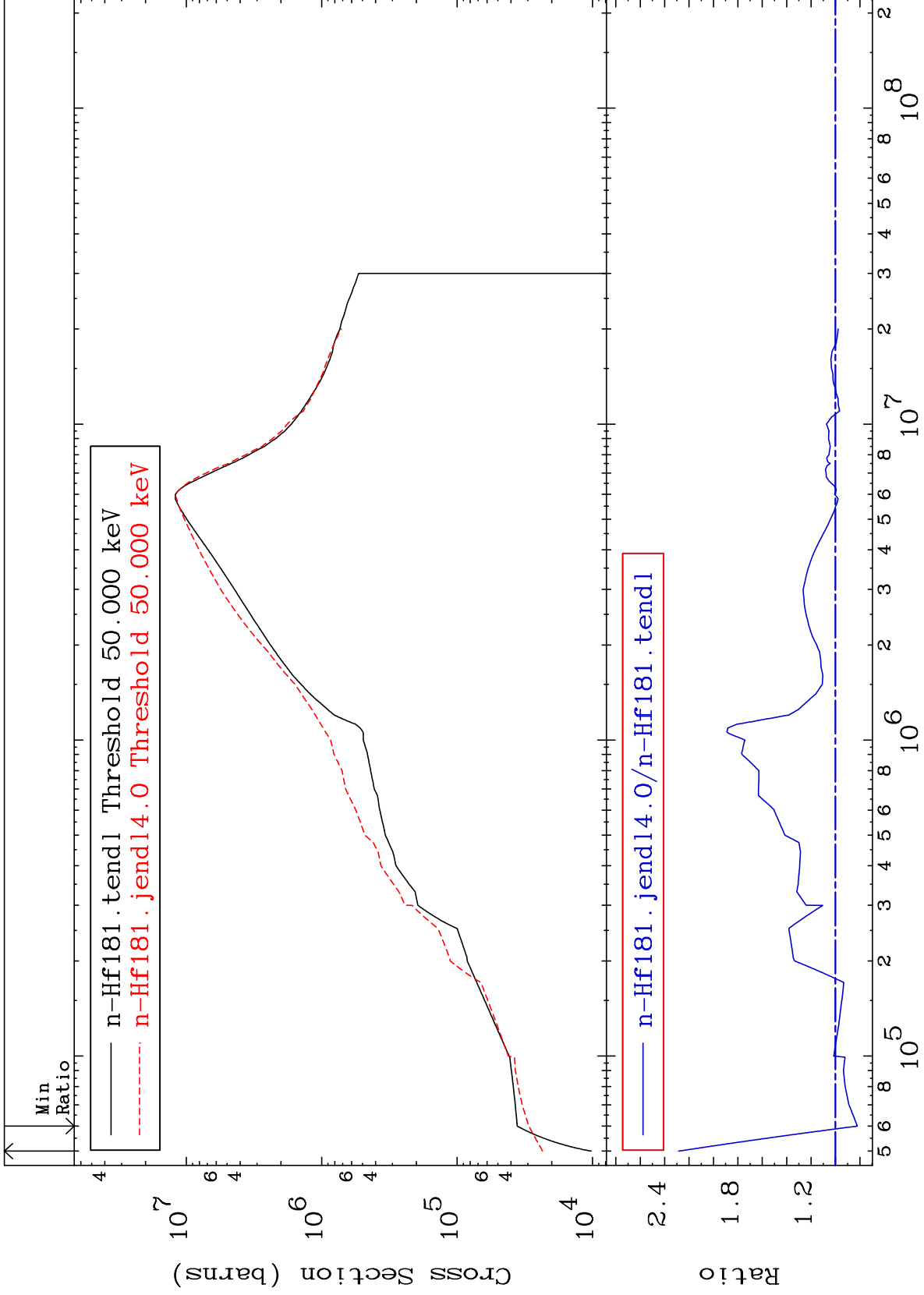
72-Hf-181







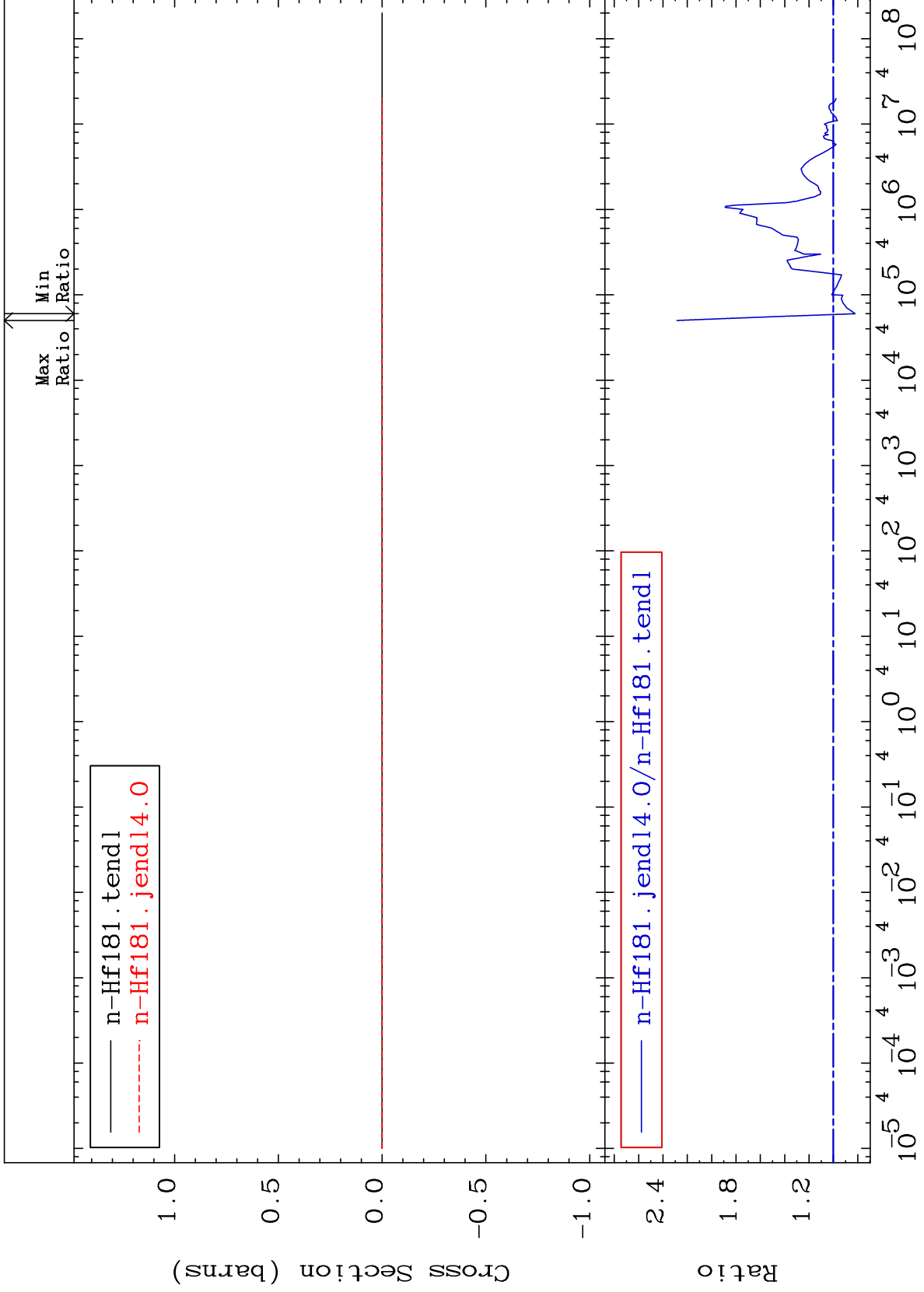


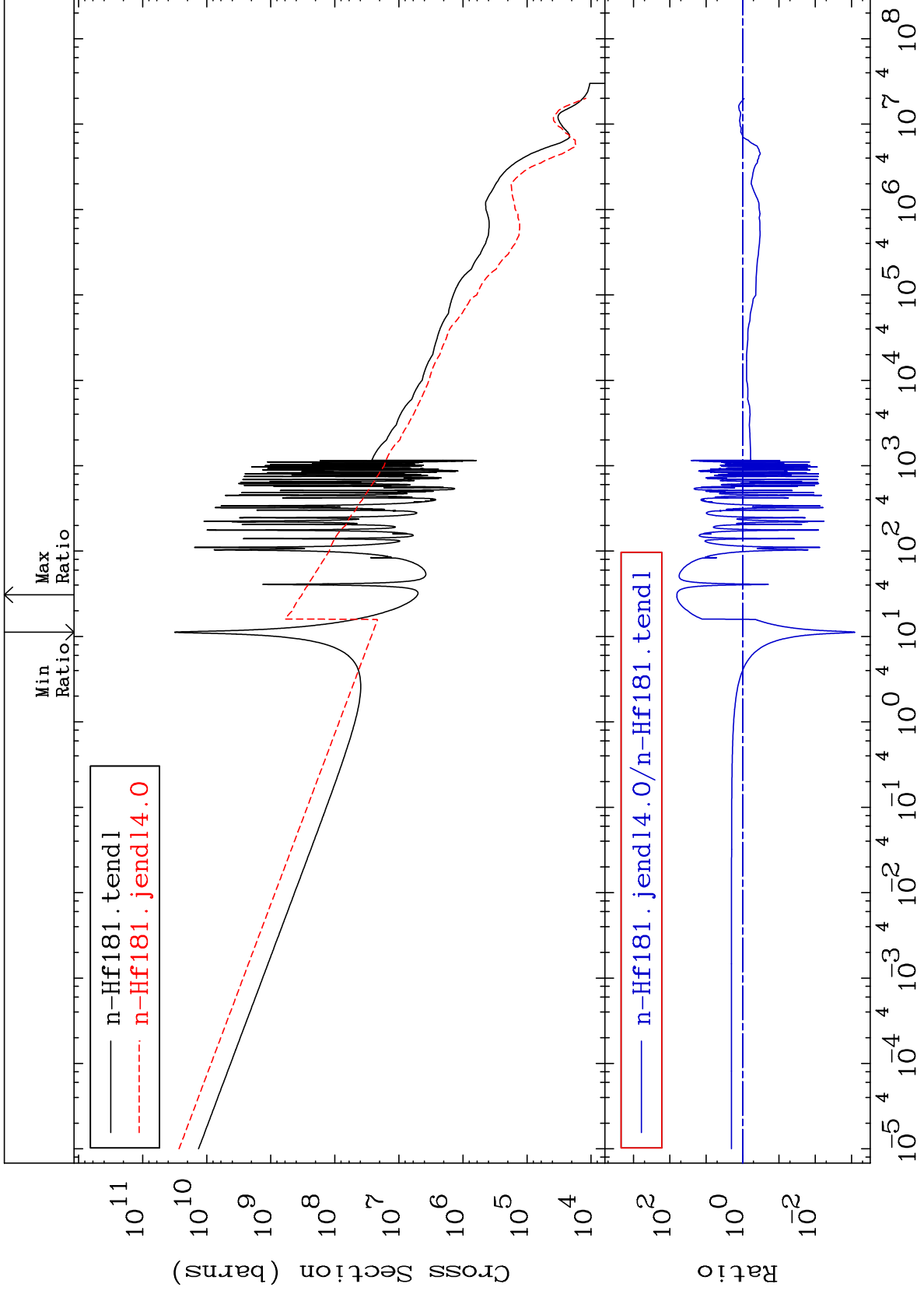


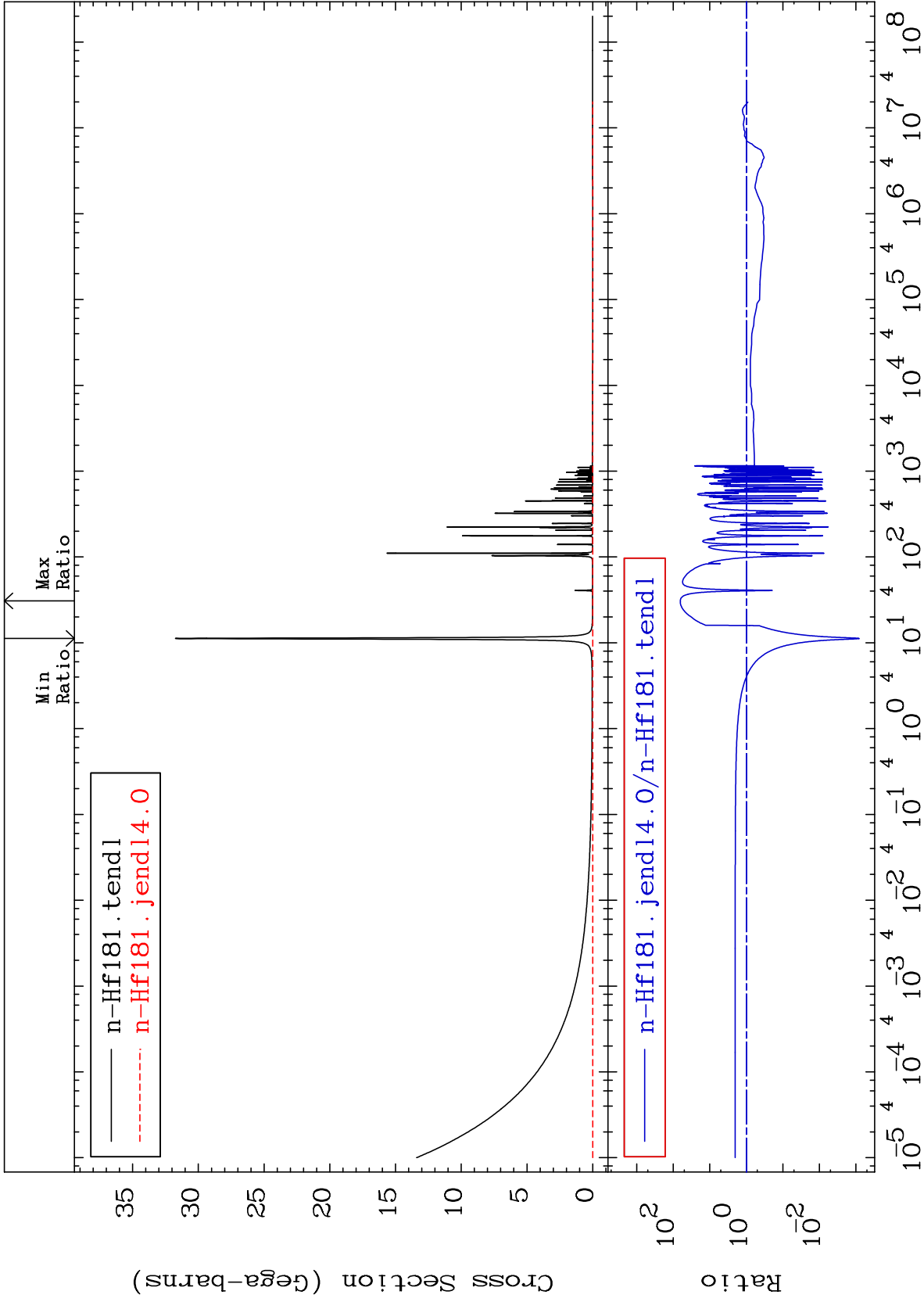
MAT 7246

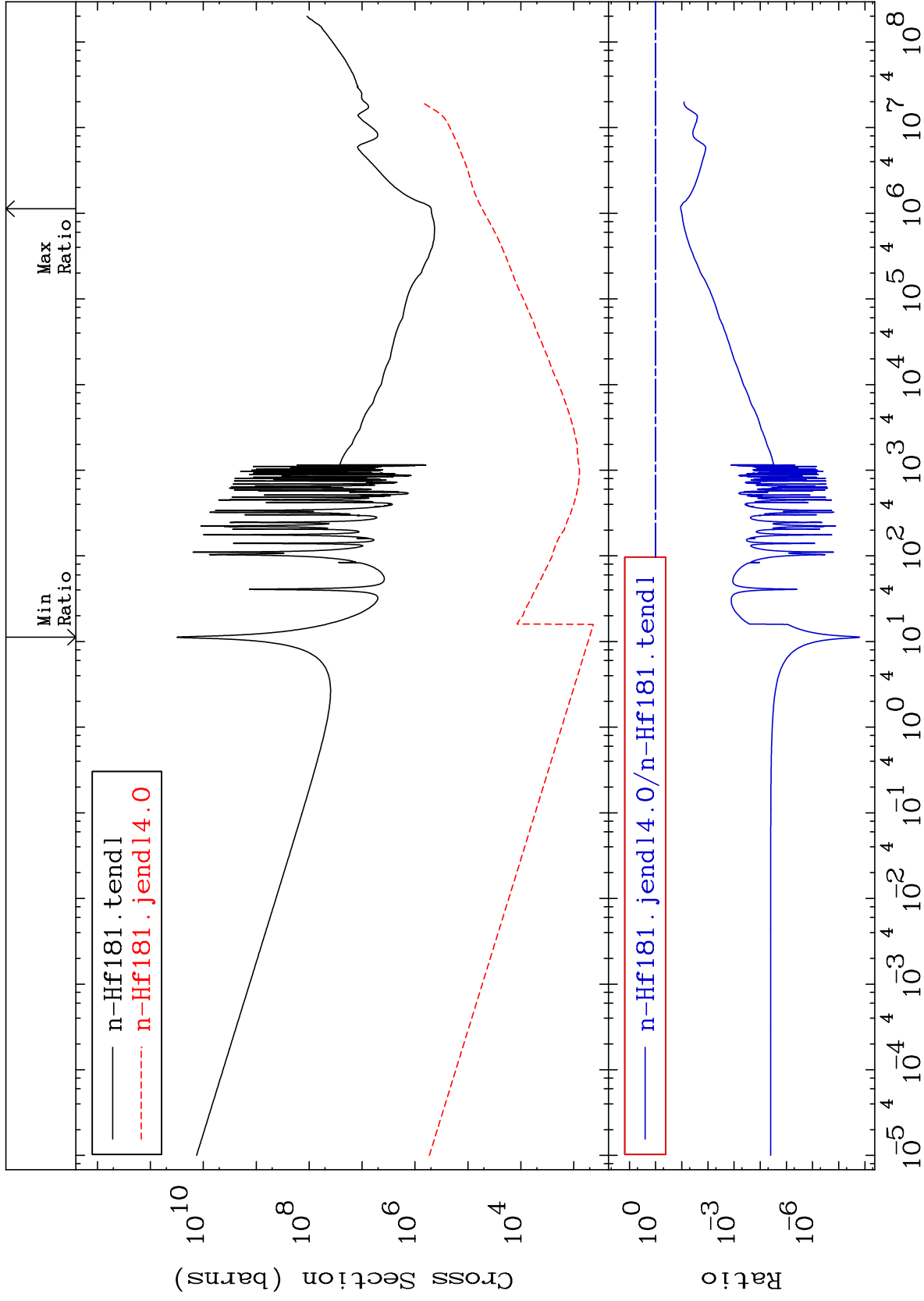
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

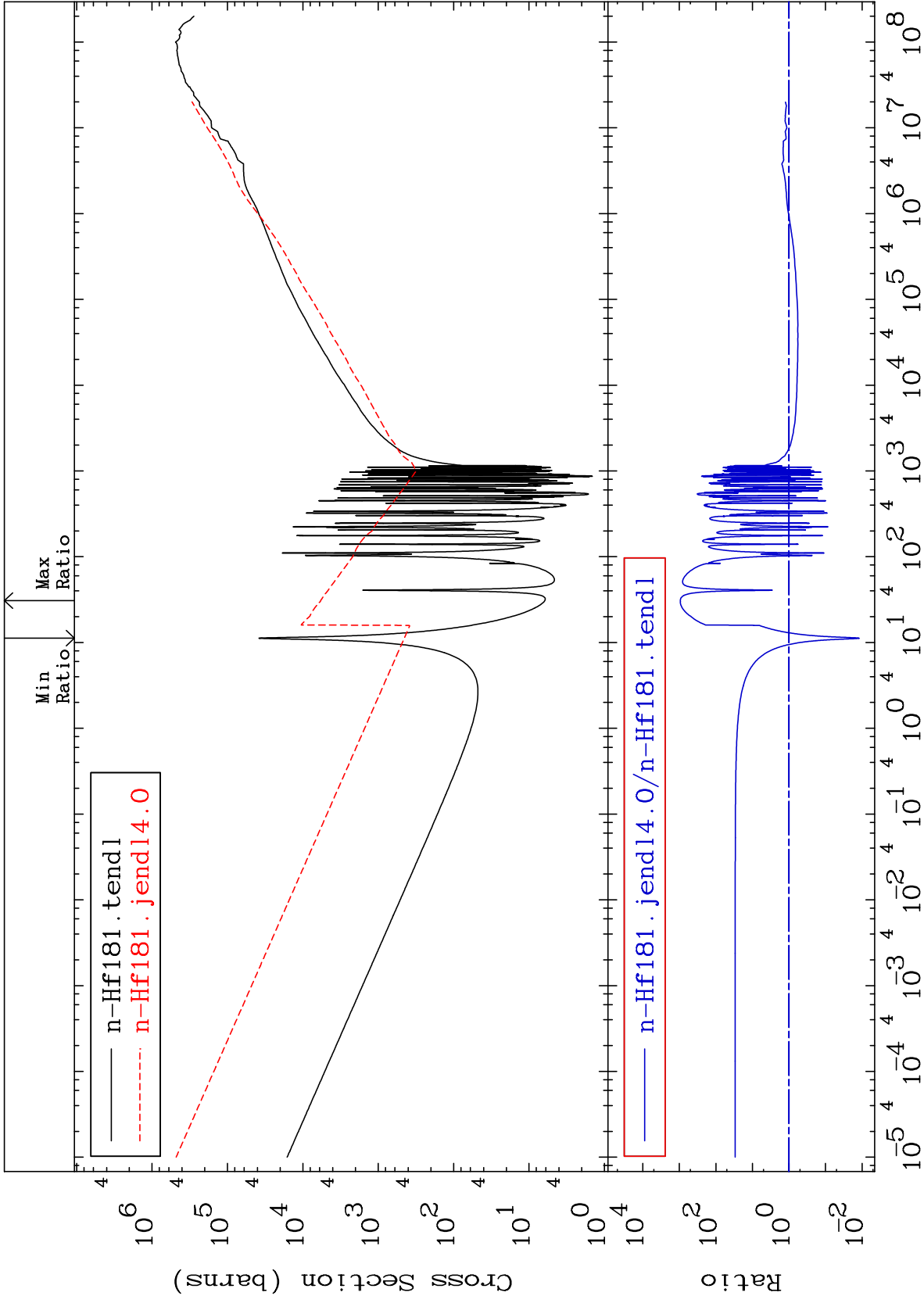
72-Hf-181
-17.86 To 128.5 %







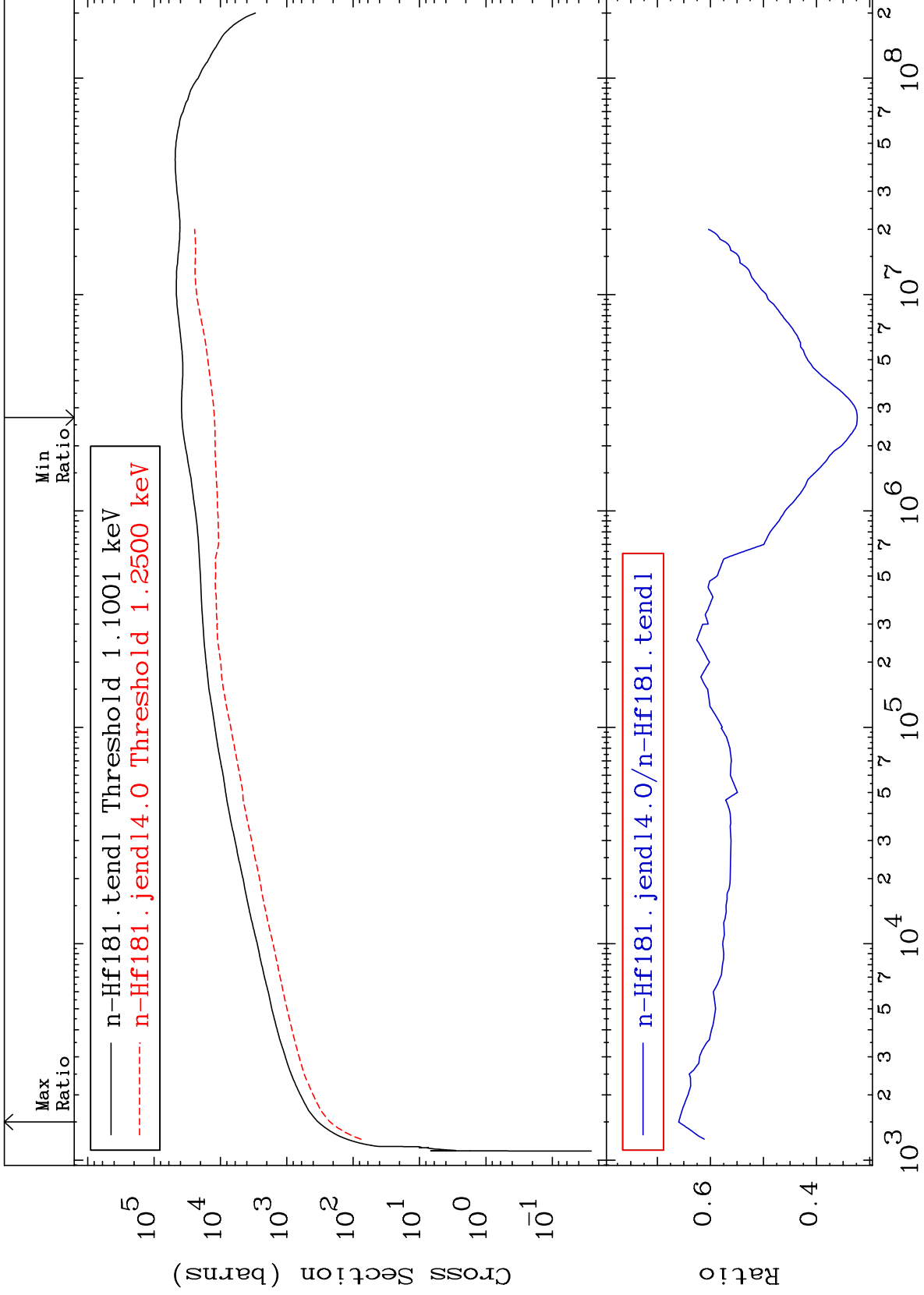




MAT 7246

Dpa elastic (mt2)
Cross Section

72-Hf-181
-67.66 To -34.02%



41

Incident Energy (eV)

72-Hf-181

MAT 7246

Dpa inelastic (mt51-91)
Cross Section

72-Hf-181
-18.16 To 2063. %

