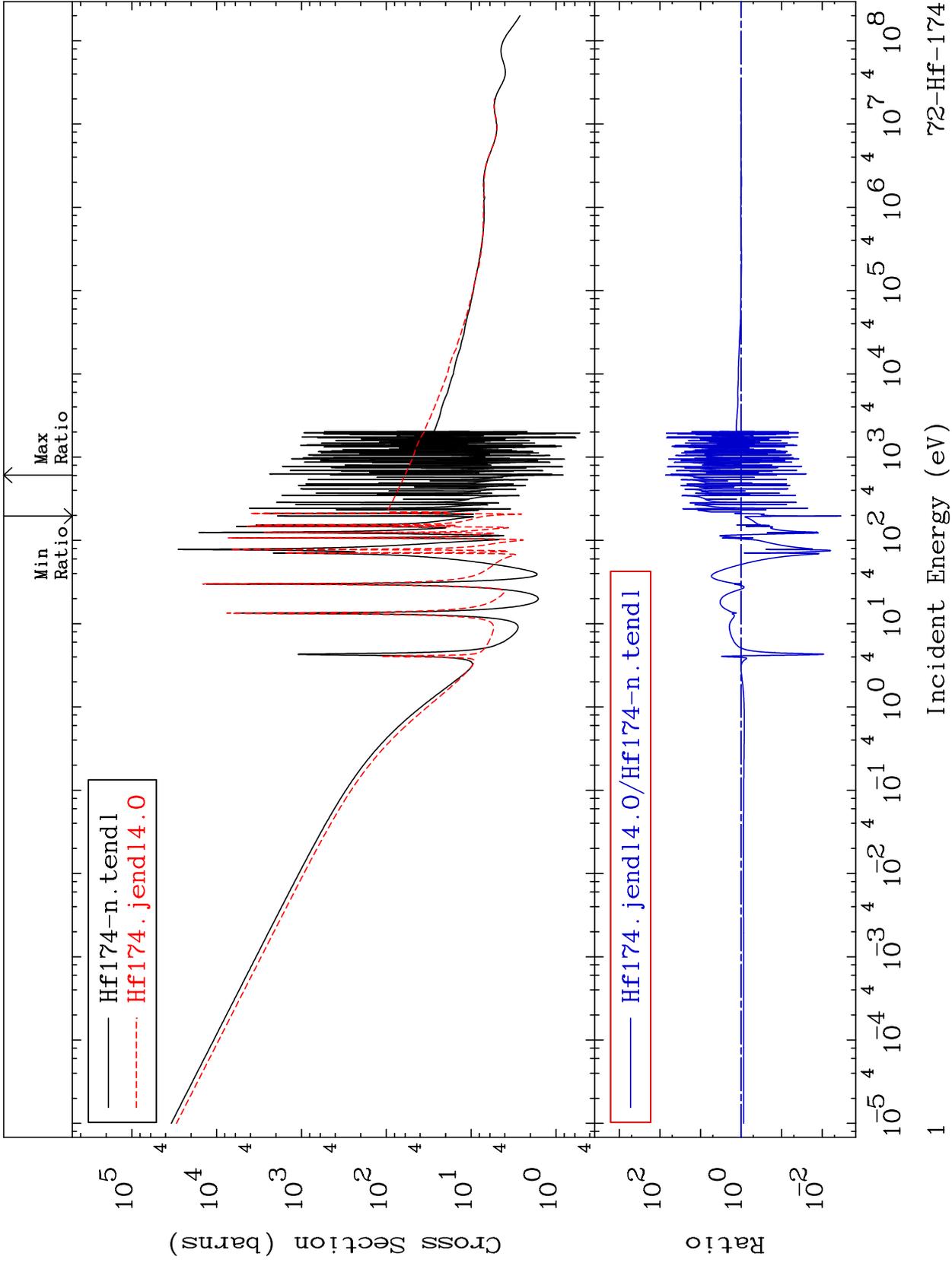


MAT 7225

Total
Cross Section

72-Hf-174
-99.65 To 7205. %

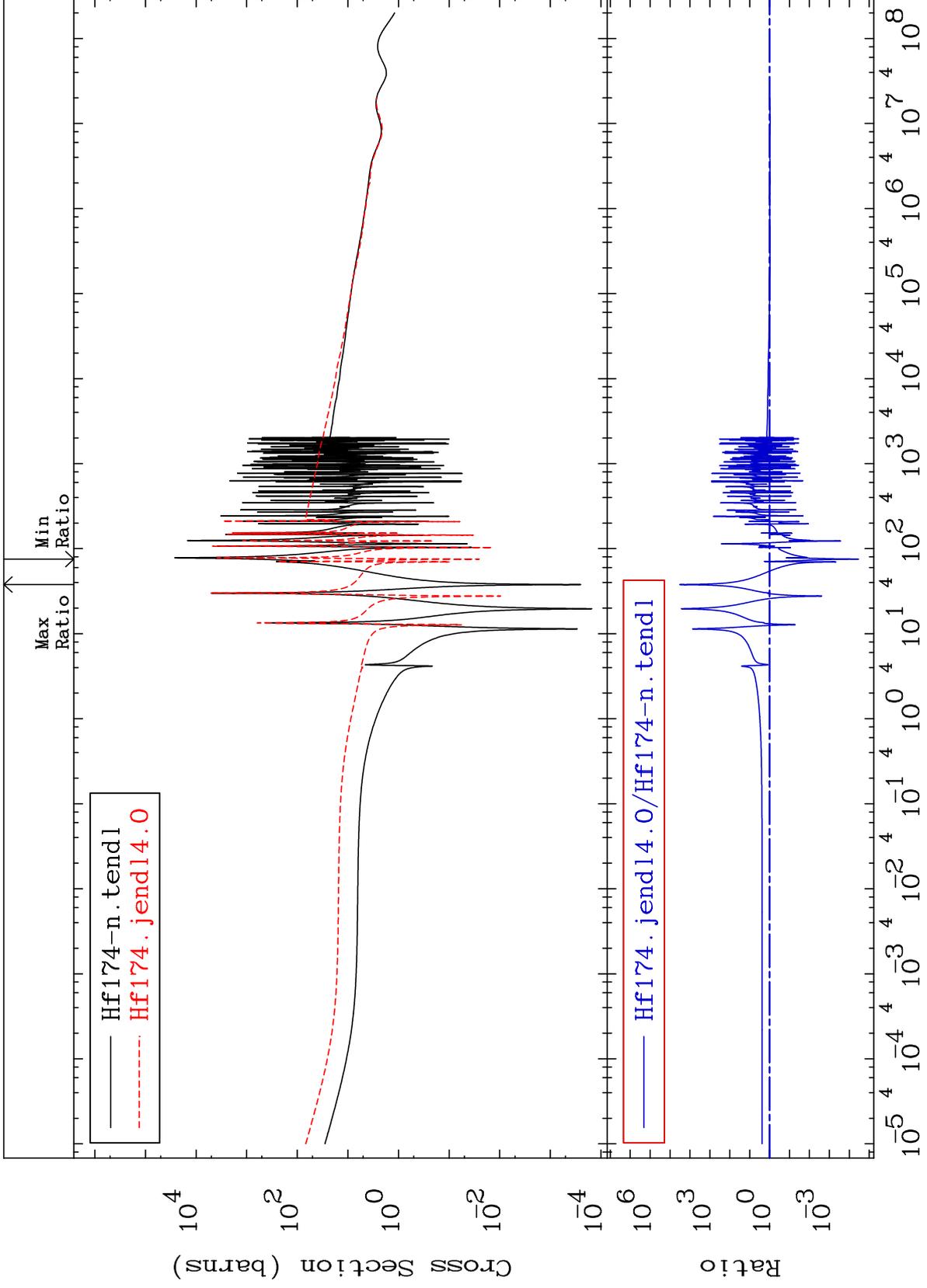


72-Hf-174

MAT 7225

Elastic
Cross Section

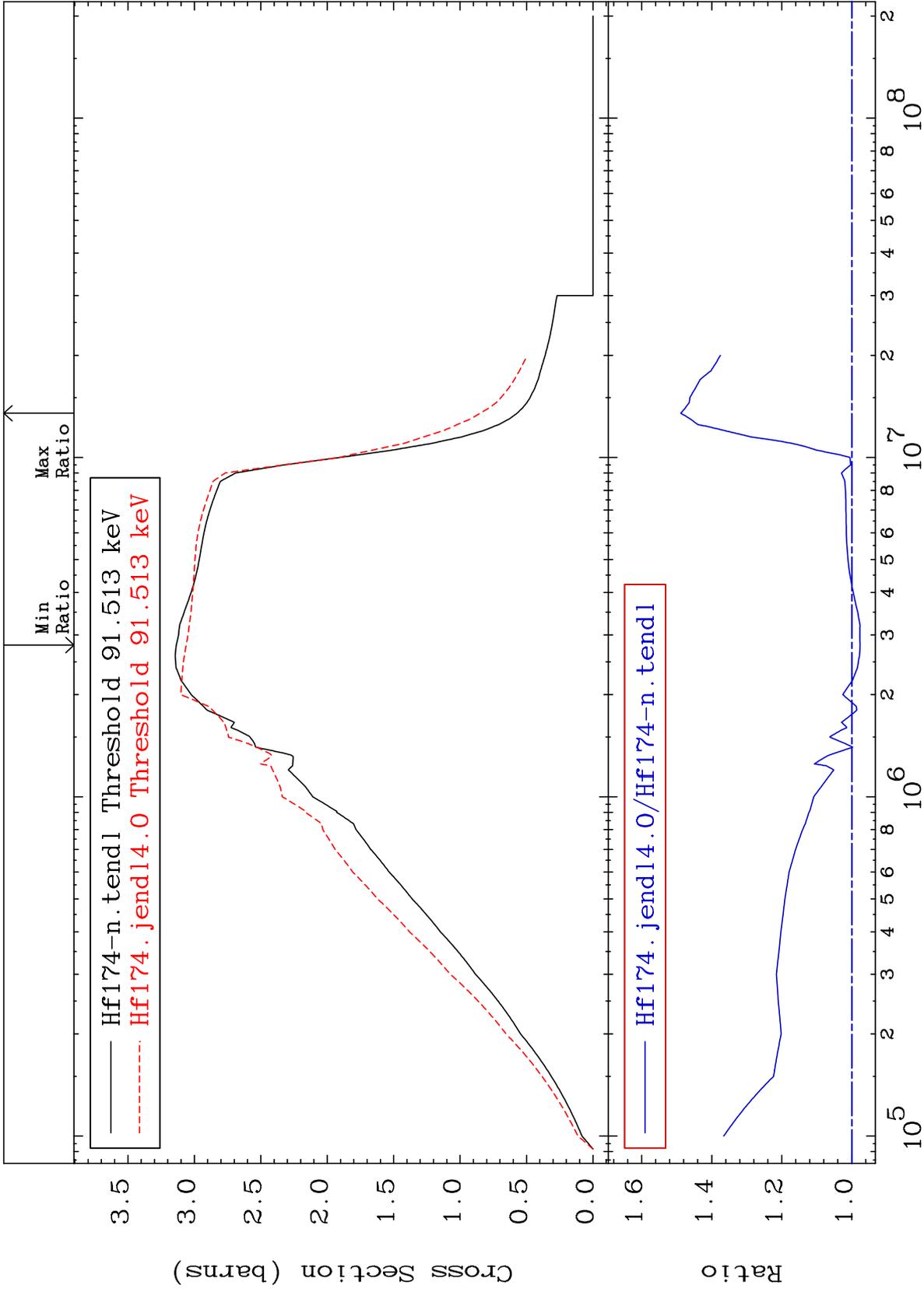
72-Hf-174
-100.0 To 9999. %



MAT 7225

72-Hf-174
-2.363 To 48.84 %

Inelastic
Cross Section



72-Hf-174

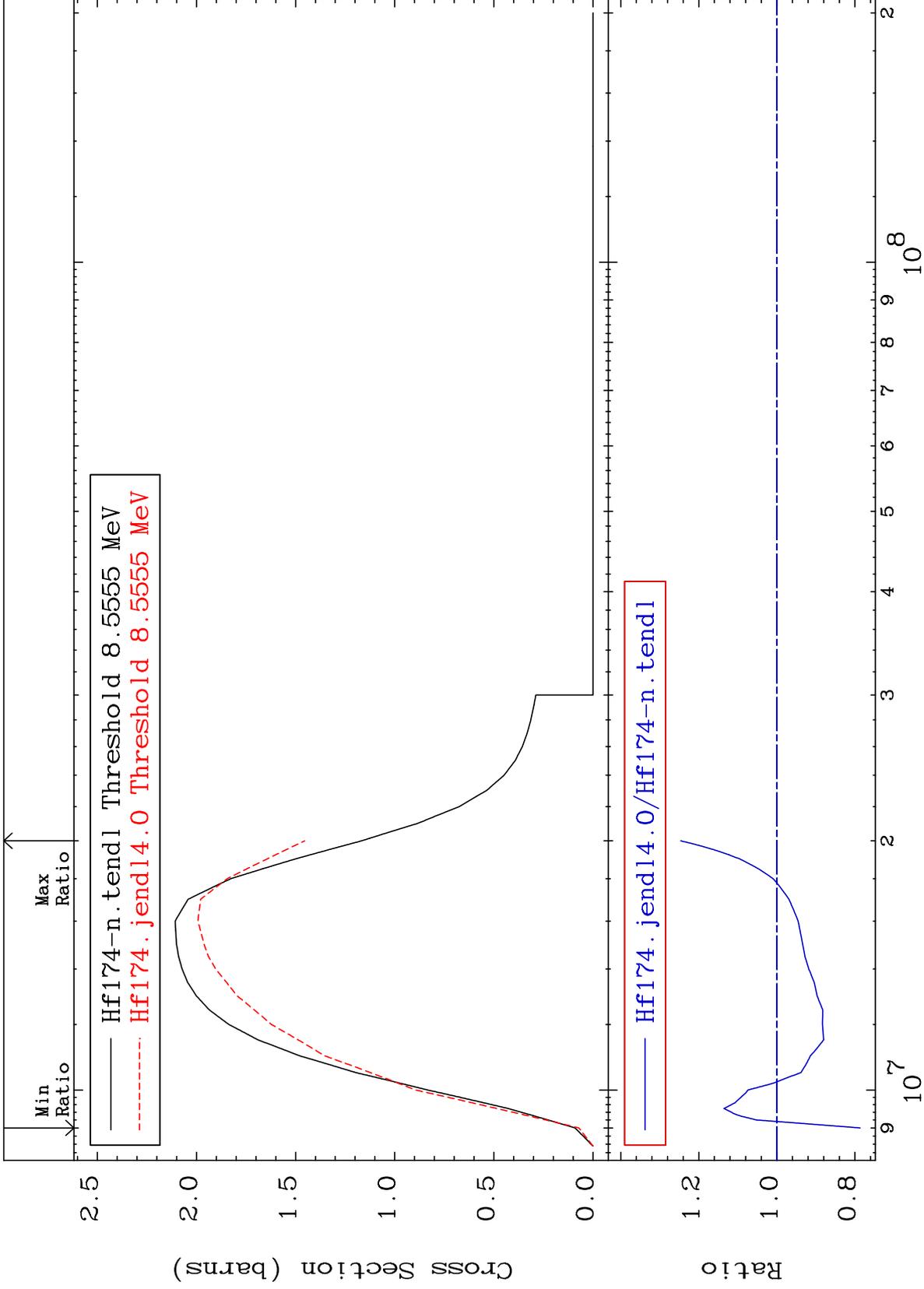
Incident Energy (eV)

3

MAT 7225

(n,2n)
Cross Section

72-Hf-174
-21.31 To 24.62 %



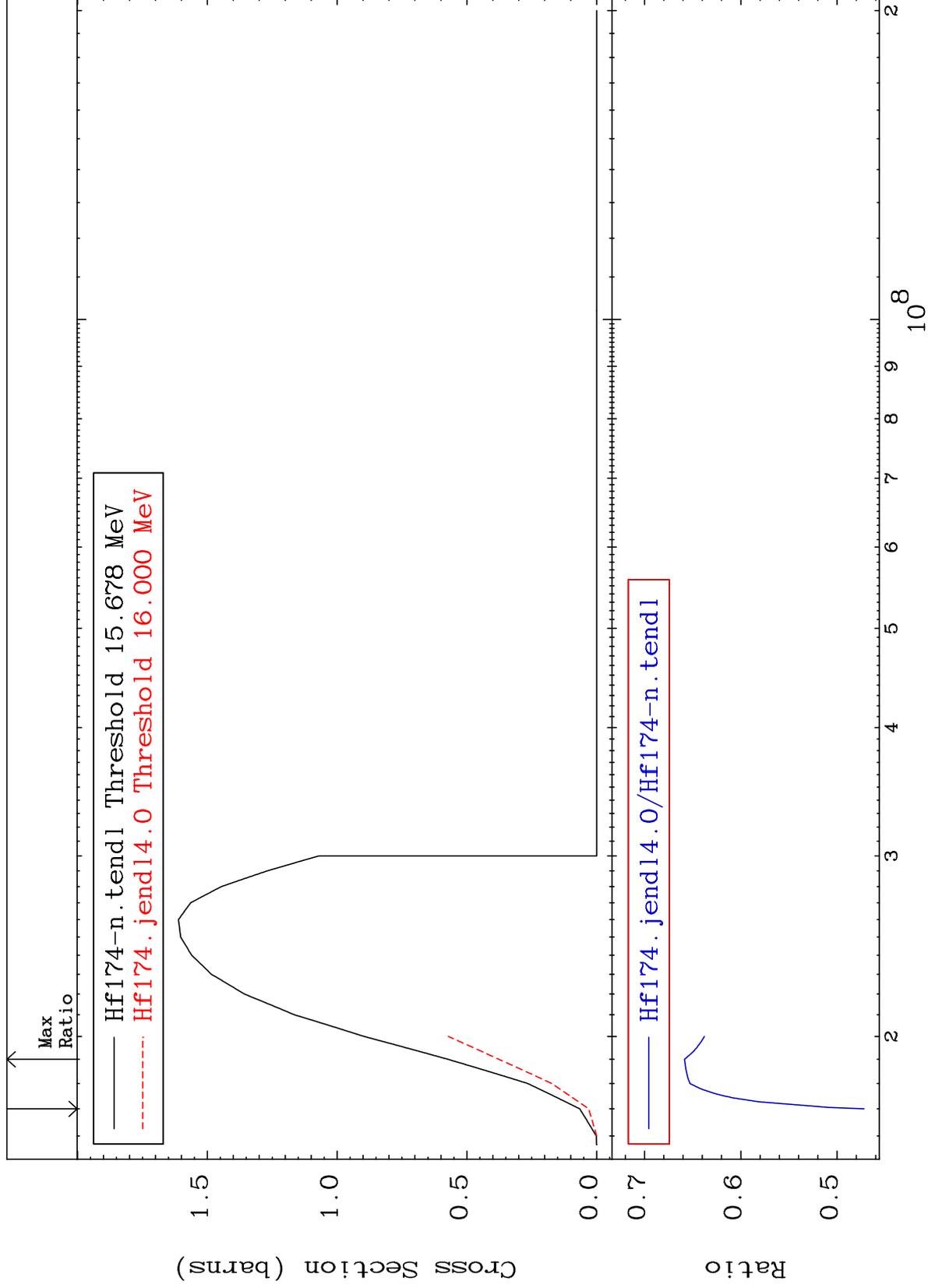
72-Hf-174

4

MAT 7225

(n,3n)
Cross Section

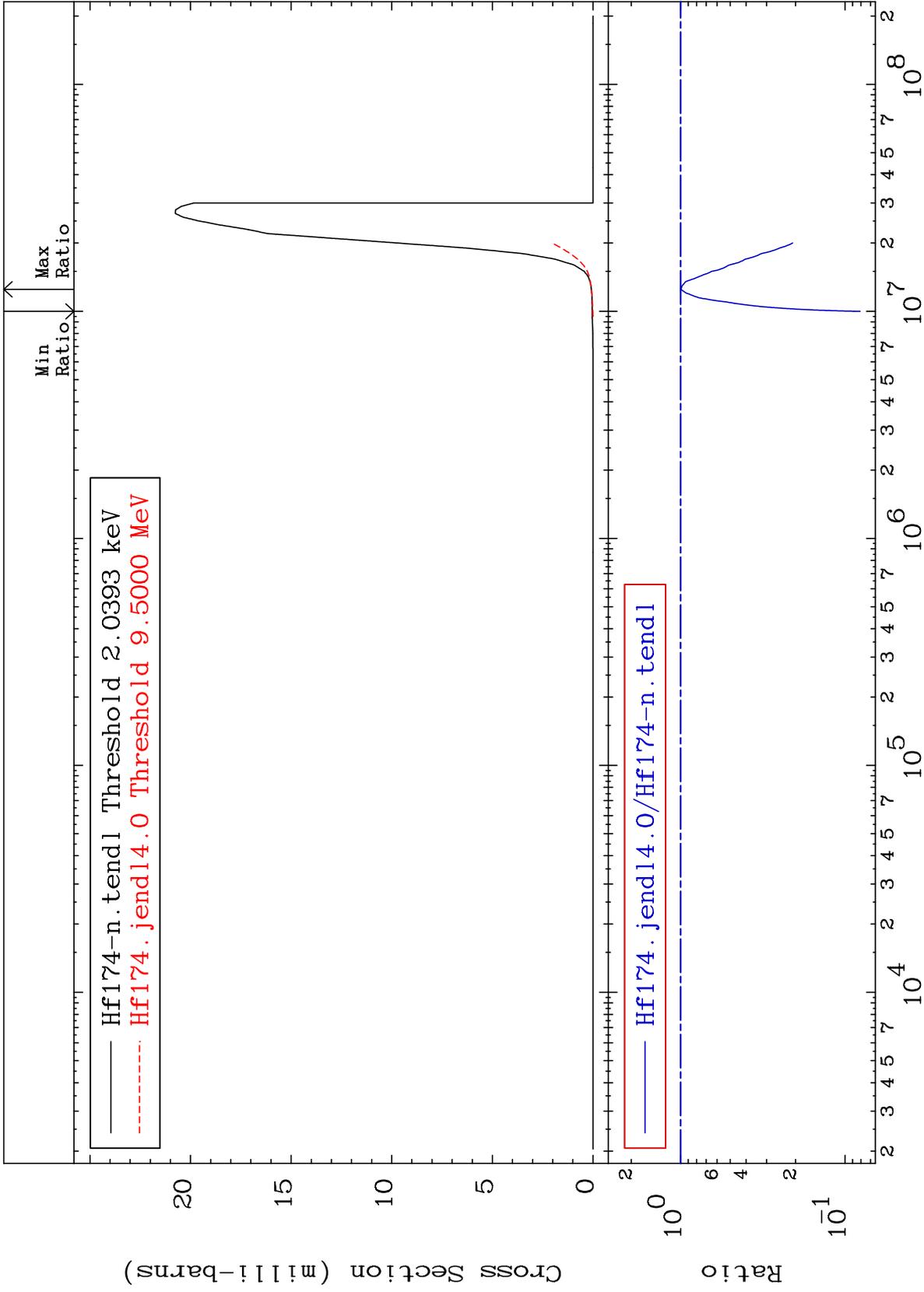
⁷²Hf-174
-52.80 To -34.15%



MAT 7225

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

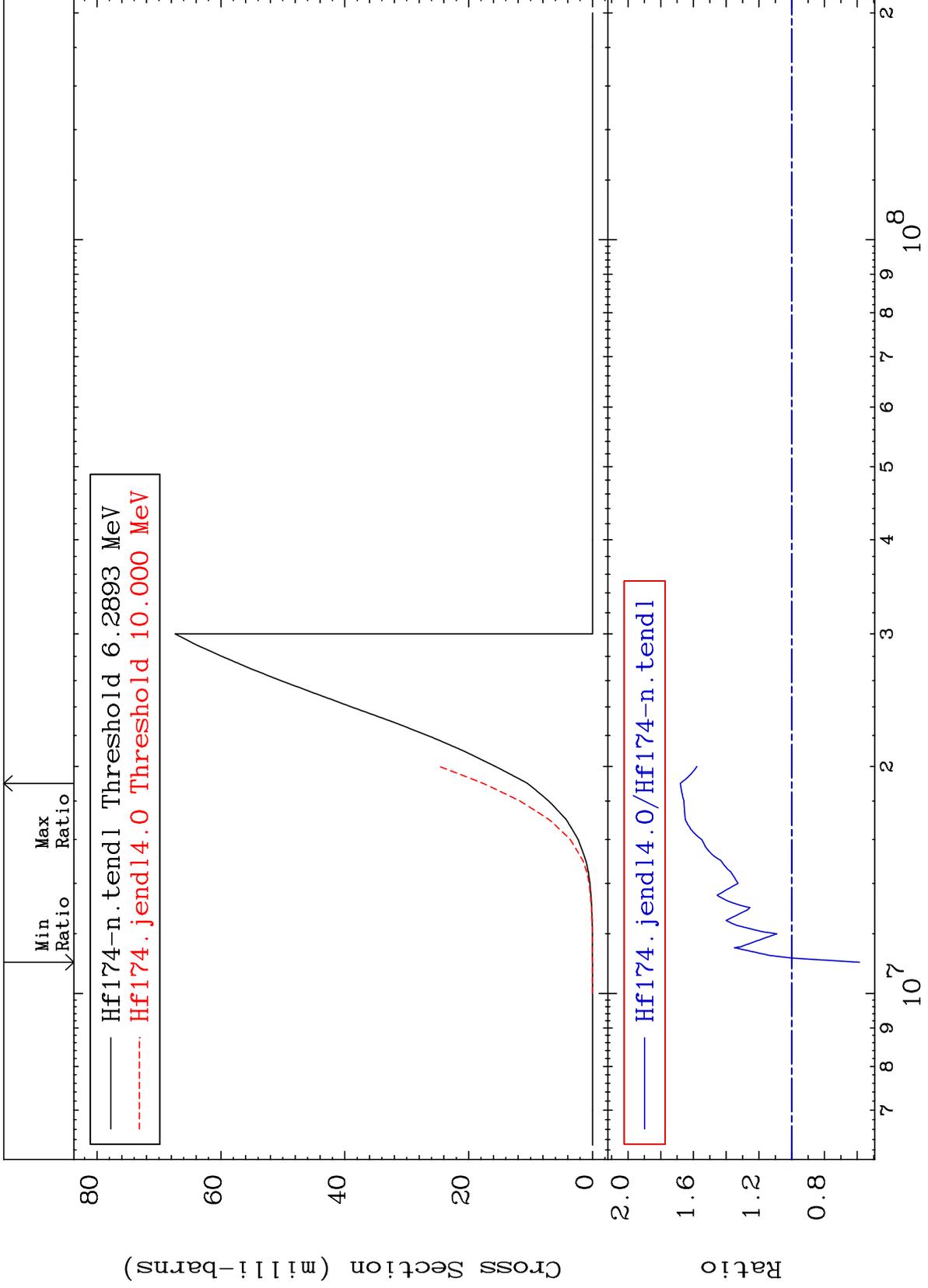
72-Hf-174
-91.90 To -0.145%

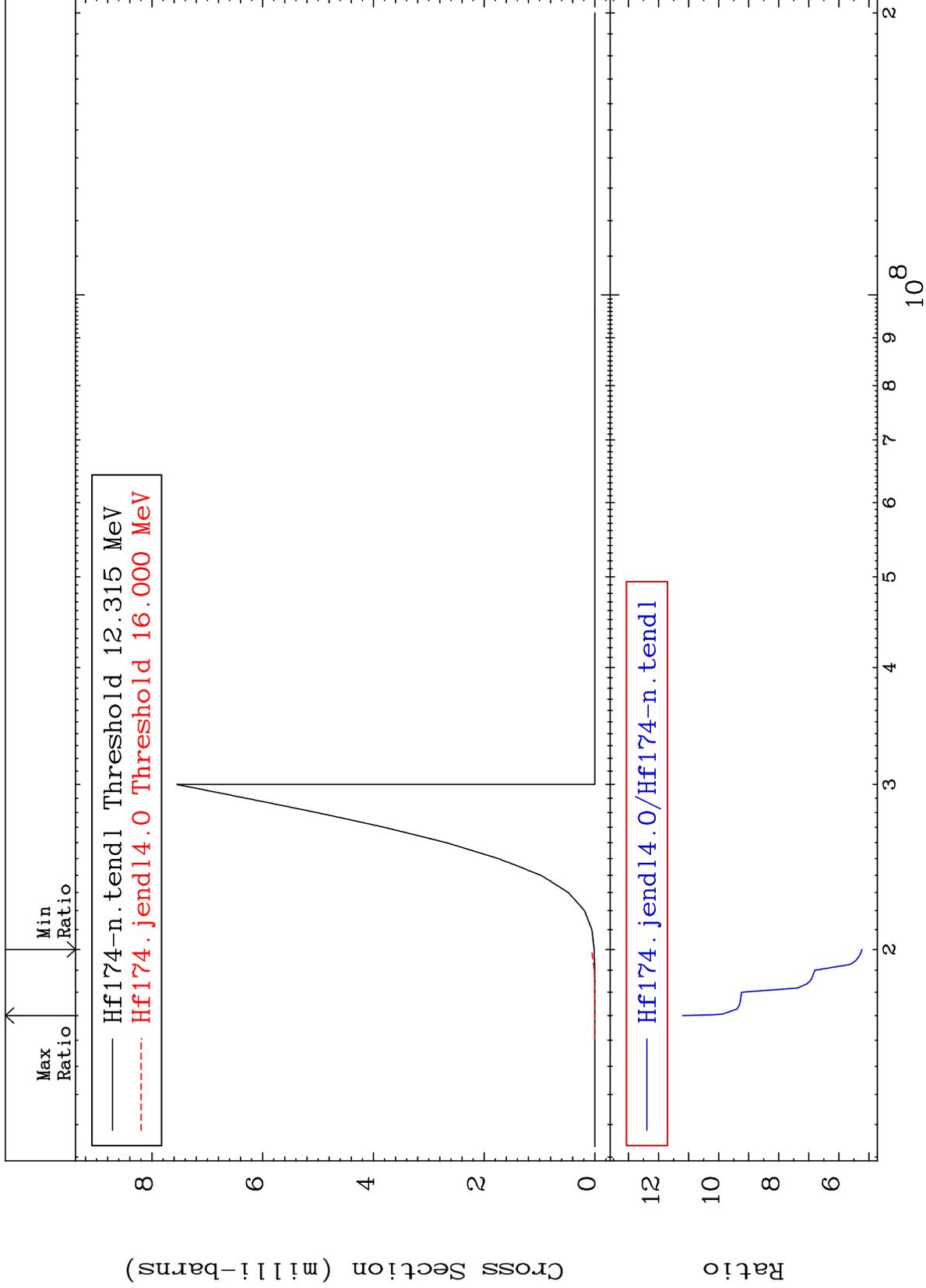


MAT 7225

(n, n') p
Cross Section

⁷²Hf-174
-41.38 To 68.06 %

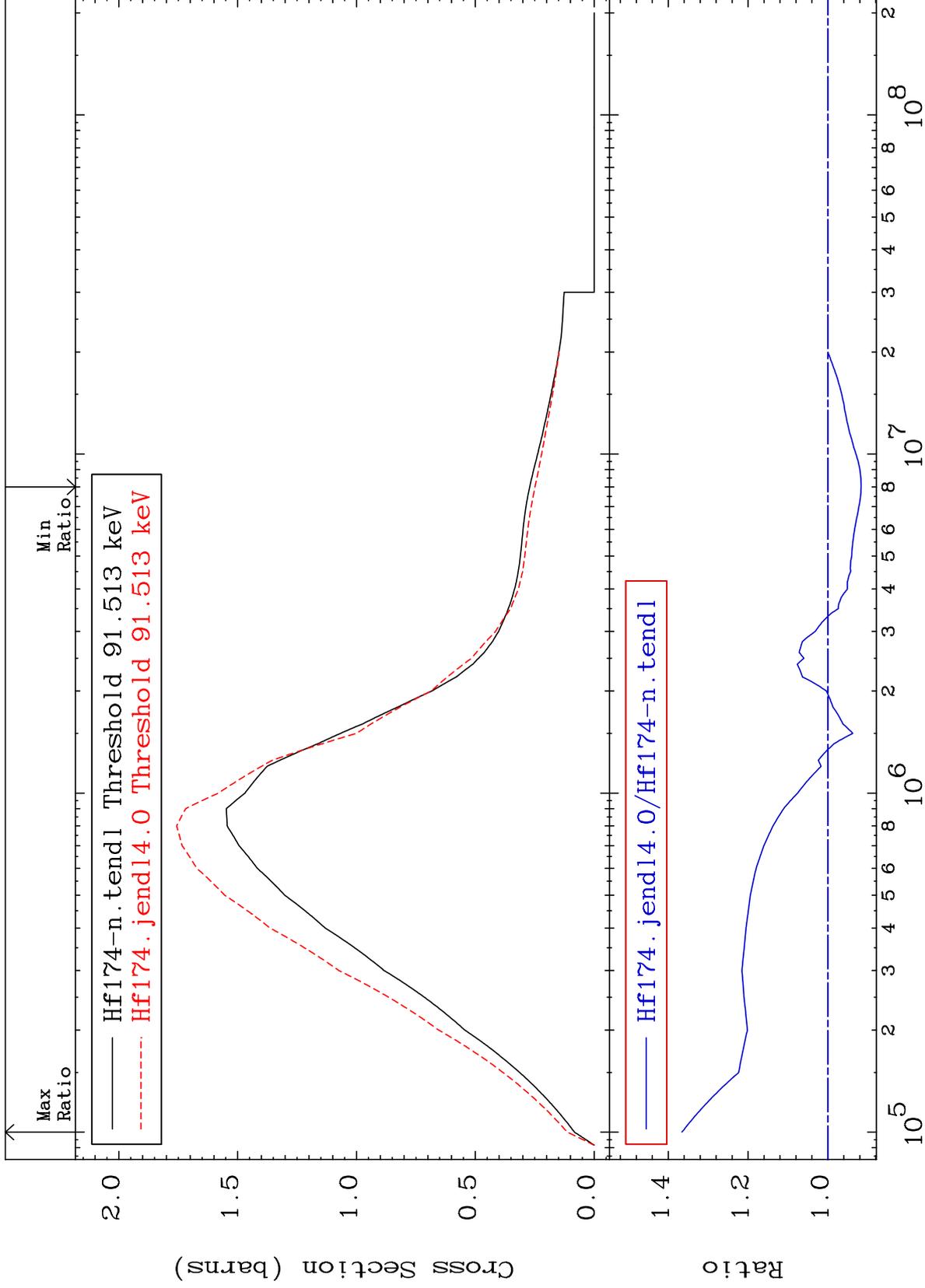




MAT 7225

90.99 keV (n,n') Level
Cross Section

72-Hf-174
-8.334 To 36.57 %



9

Incident Energy (eV)

72-Hf-174

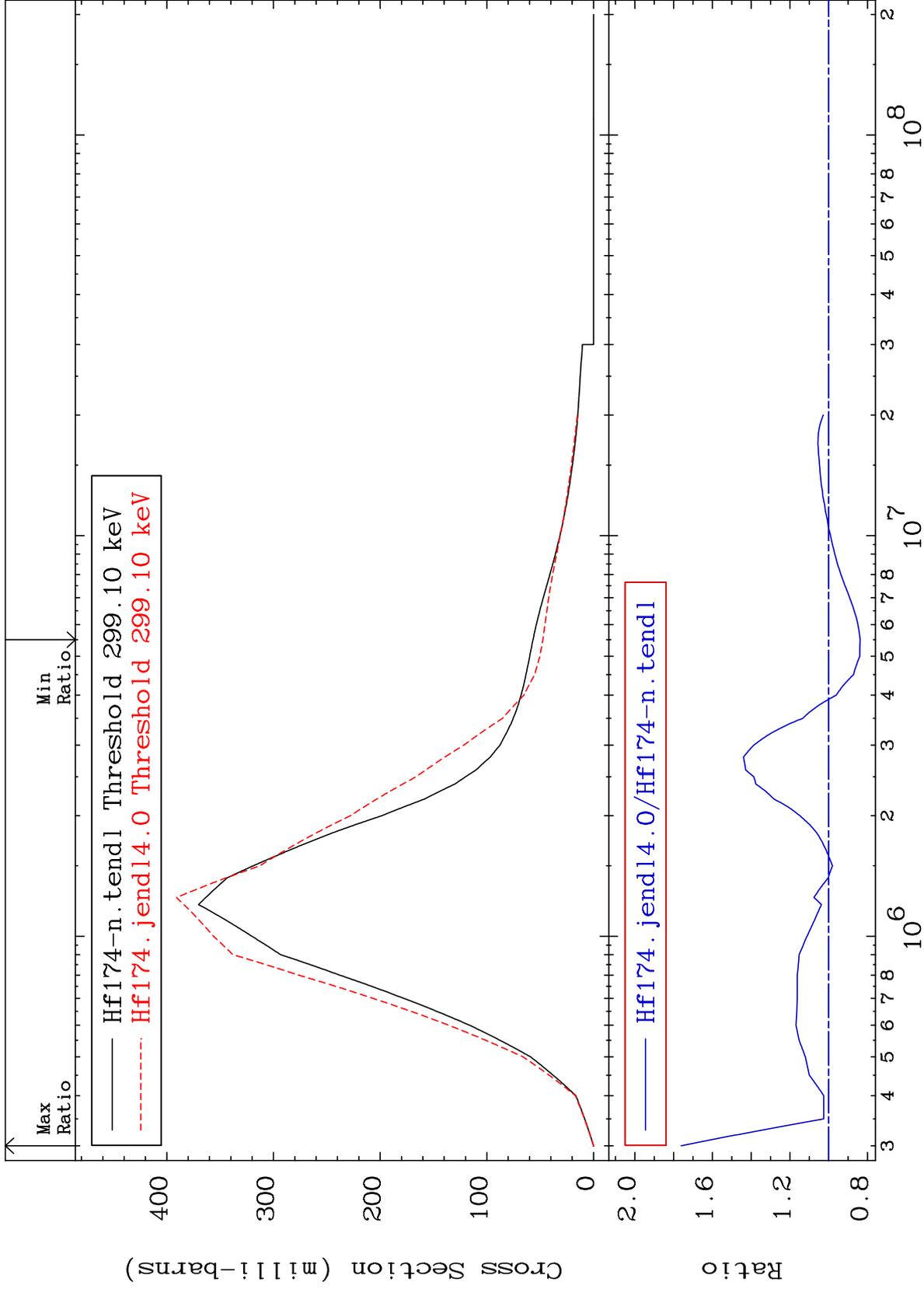
MAT 7225

297.4 keV (n,n') Level

72-Hf-174

-16.27 To 76.08 %

Cross Section

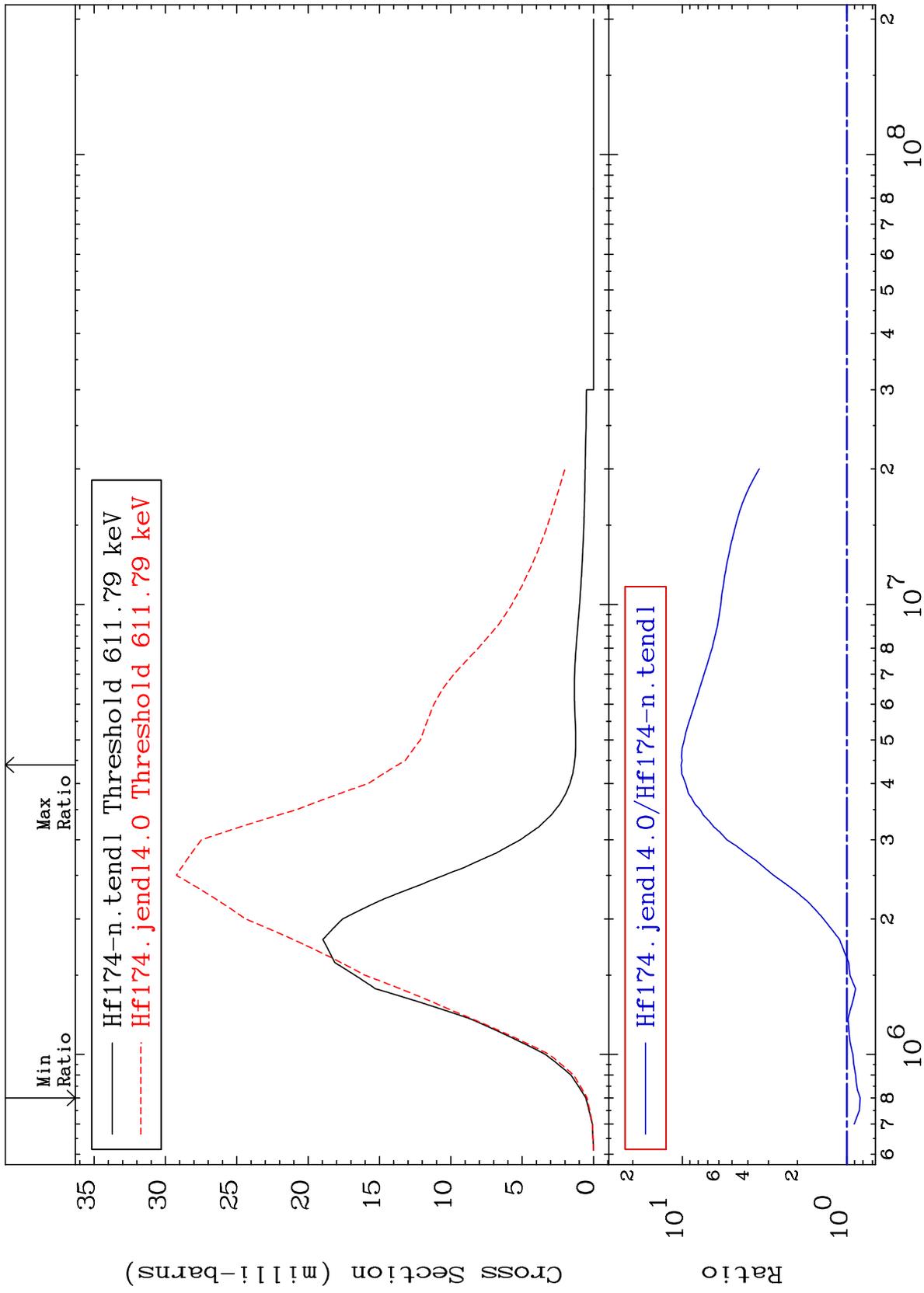


10

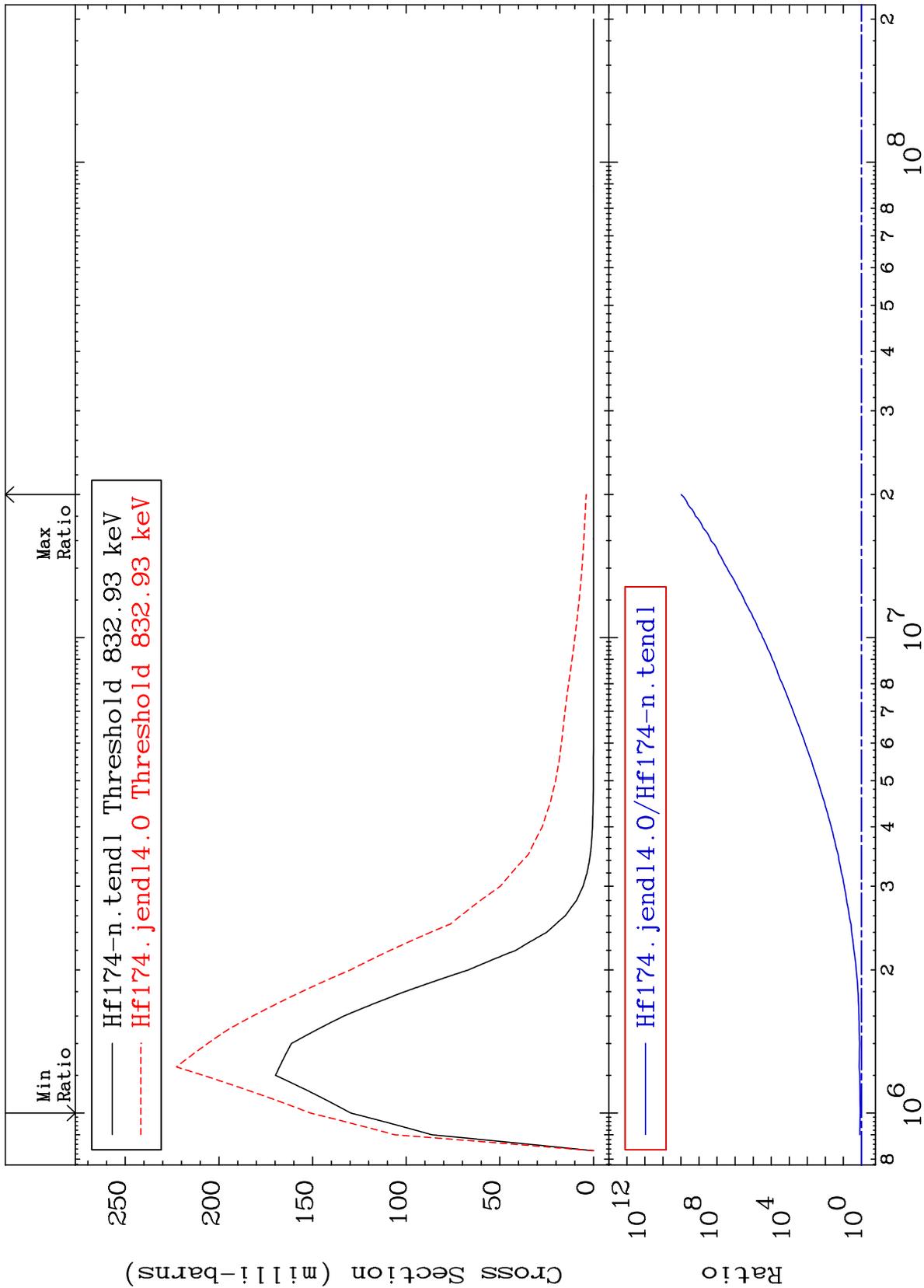
Incident Energy (eV)

72-Hf-174

MAT 7225 72-Hf-174
 608.3 keV (n,n') Level -16.91 To 916.9 %
 Cross Section



MAT 7225 828.1 keV (n,n') Level 72-Hf-174
Cross Section 16.60 To 9999. %

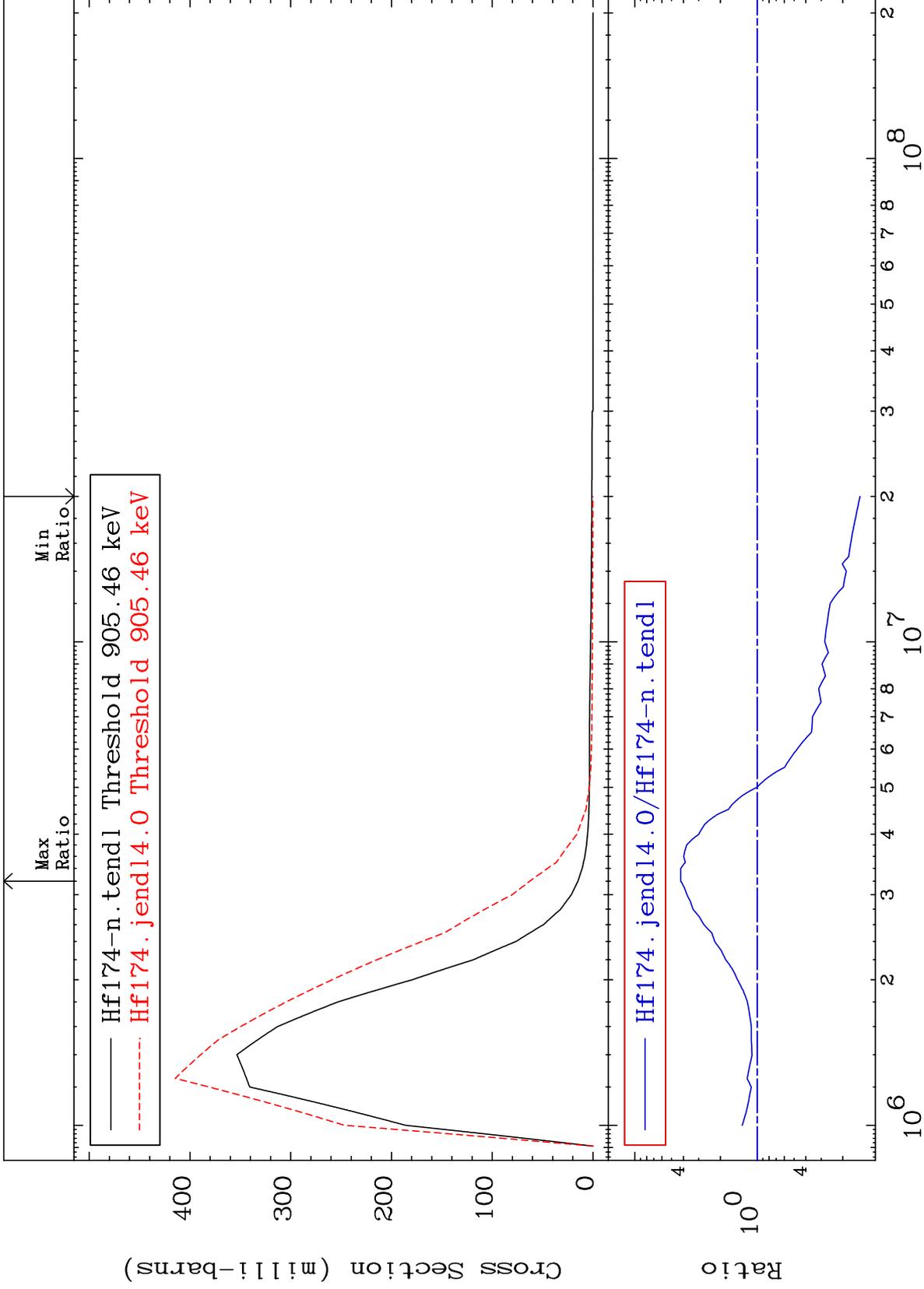


12 Incident Energy (eV) 72-Hf-174

MAT 7225

900.2 keV (n,n') Level
Cross Section

72-Hf-174
-85.57 To 320.7 %



13

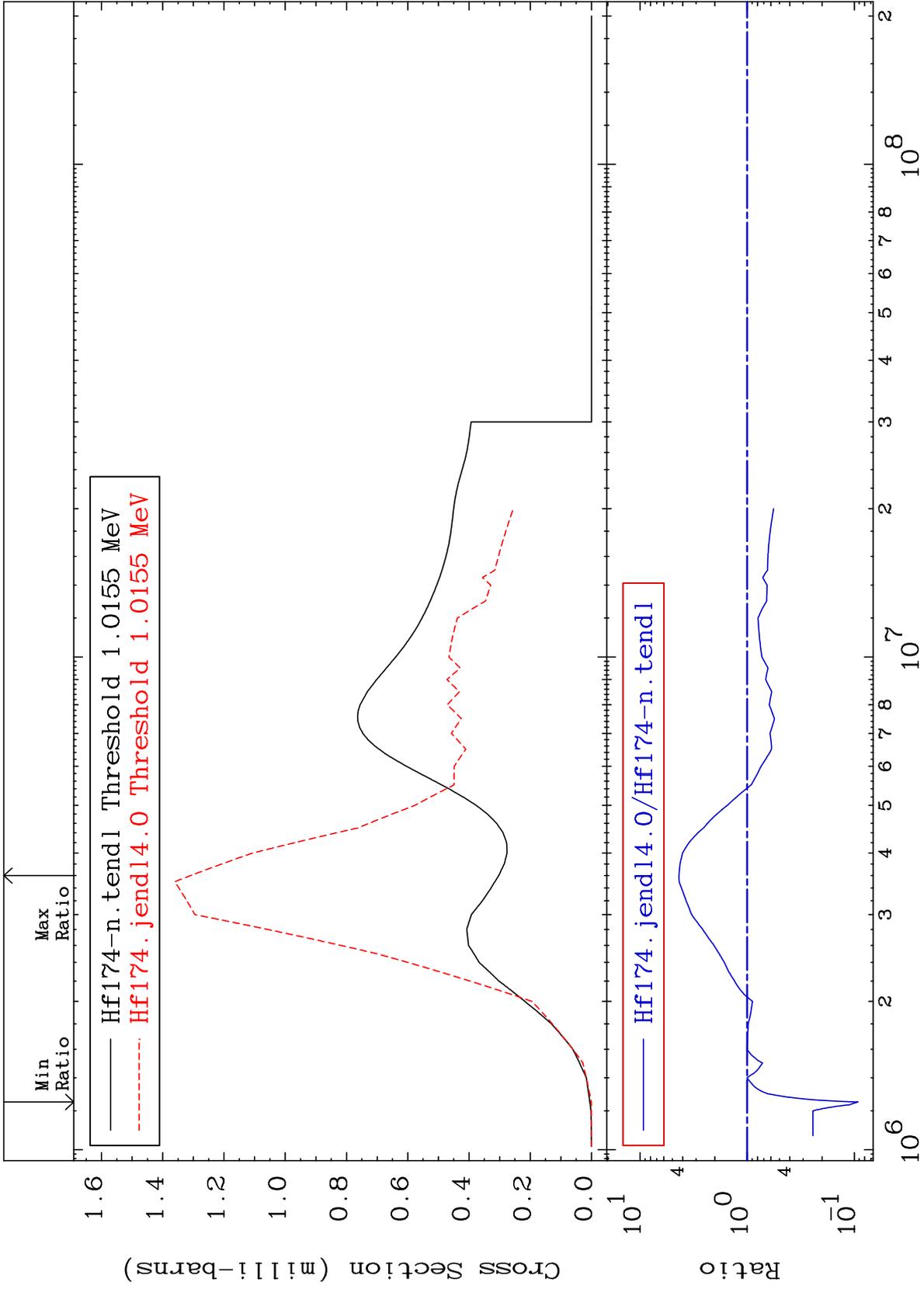
Incident Energy (eV)

72-Hf-174

MAT 7225

1.010 MeV (n,n') Level
Cross Section

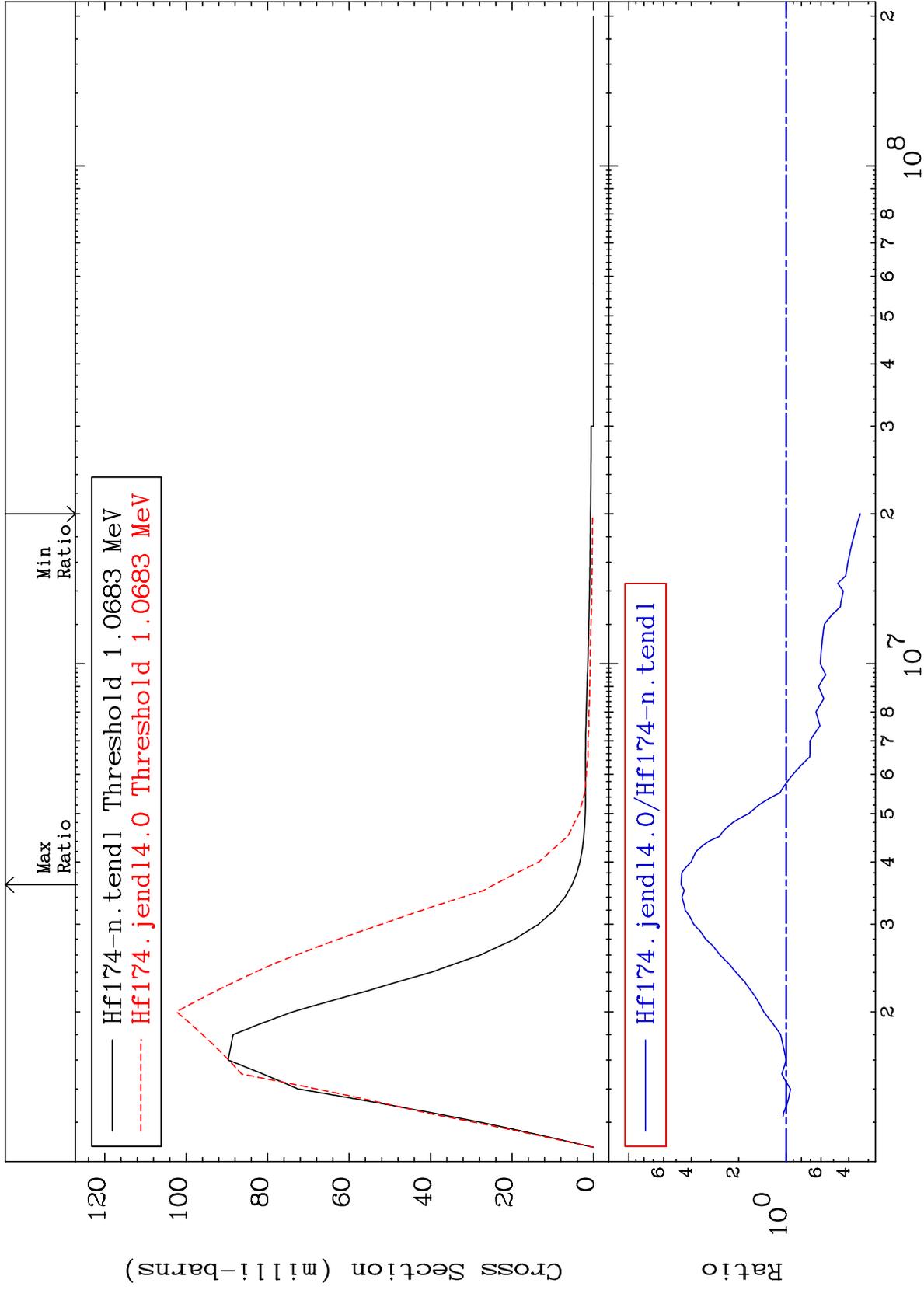
72-Hf-174
-90.75 To 332.4 %



14

Incident Energy (eV)

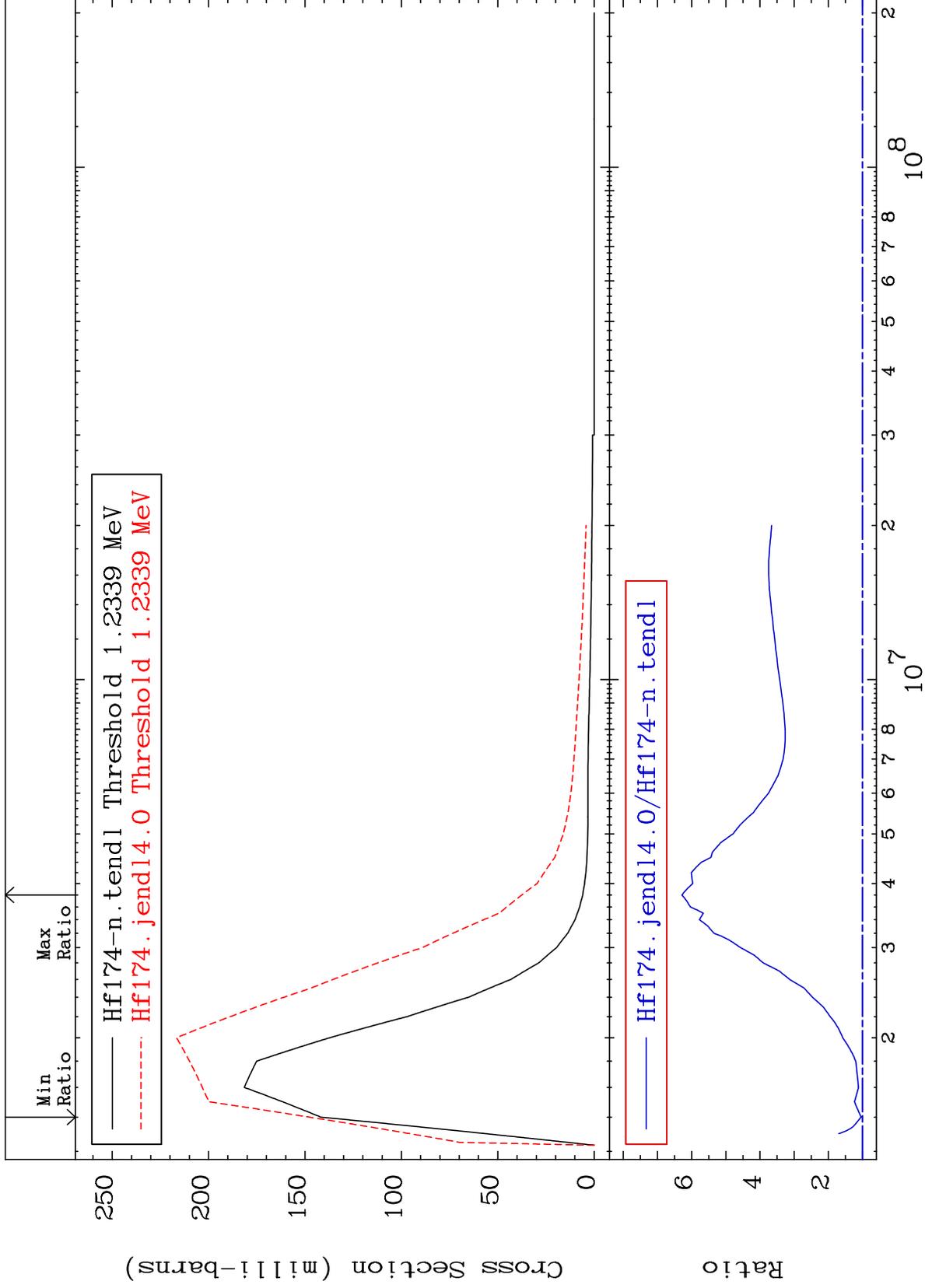
72-Hf-174



MAT 7225

1.227 MeV (n,n') Level
Cross Section

72-Hf-174
4.206 To 528.5 %



16

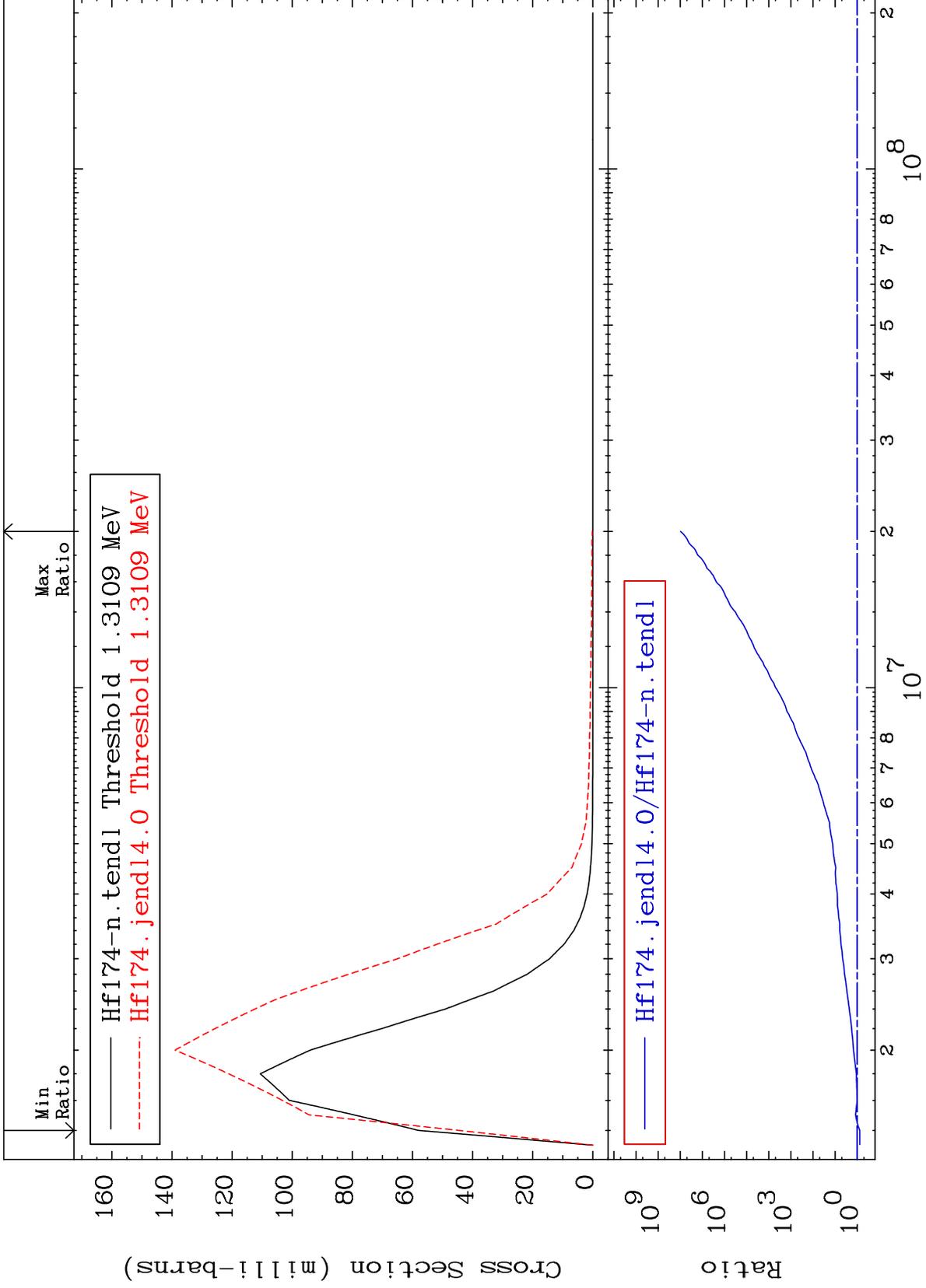
Incident Energy (eV)

72-Hf-174

MAT 7225

1.303 MeV (n,n') Level
Cross Section

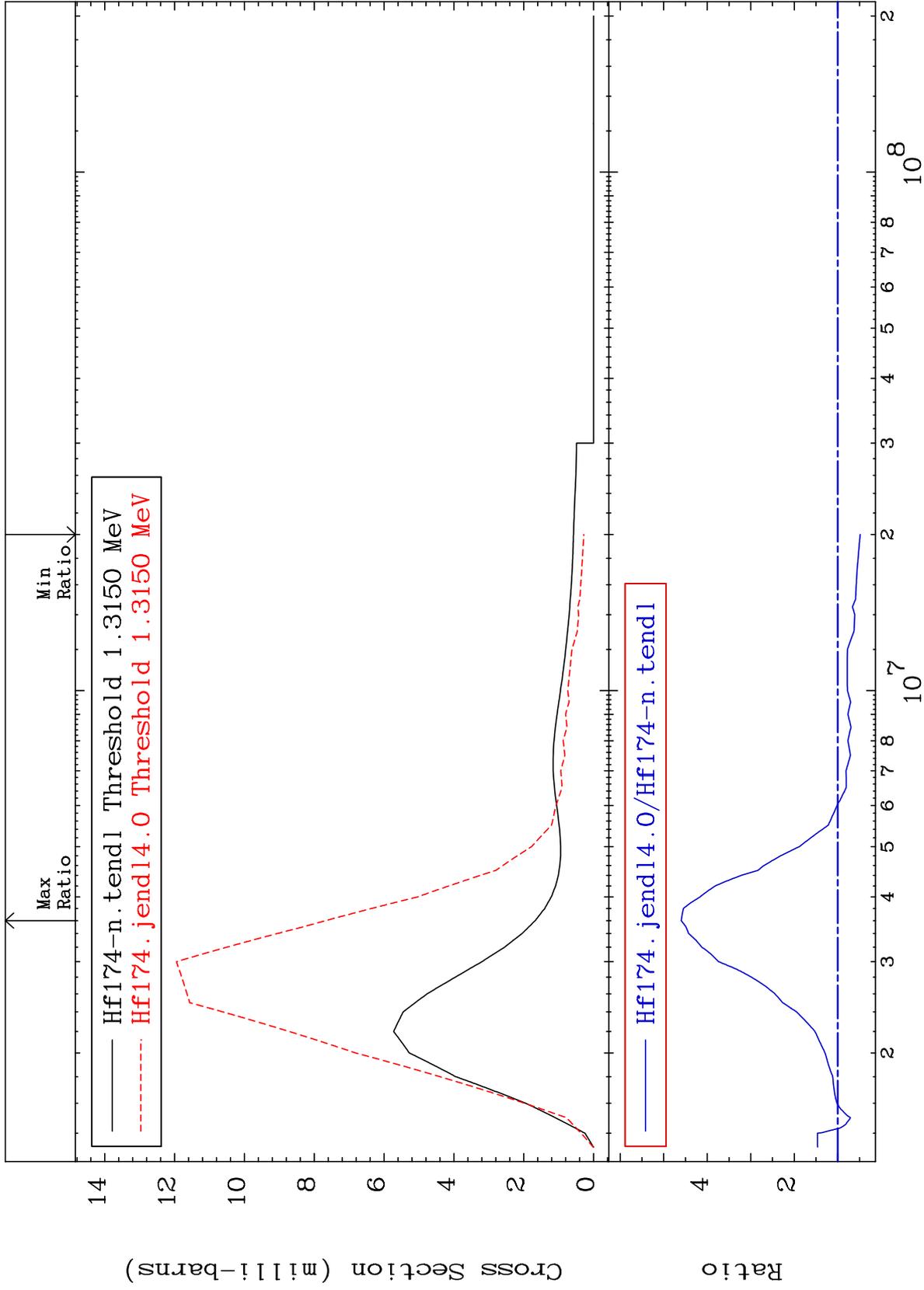
72-Hf-174
-23.24 To 9999. %



MAT 7225

1.307 MeV (n,n') Level
Cross Section

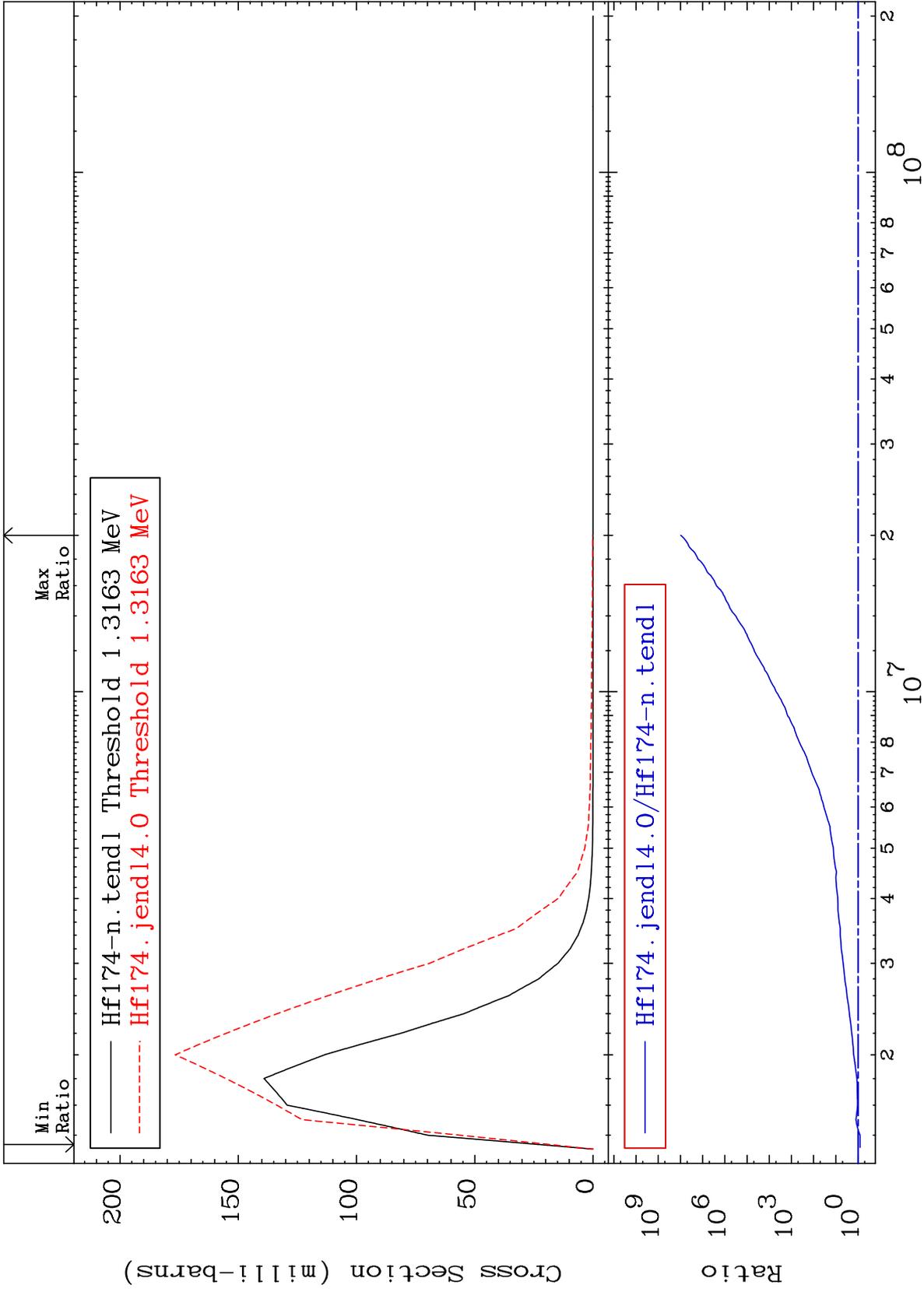
⁷²Hf-174
-51.57 To 359.9 %



18

Incident Energy (eV)

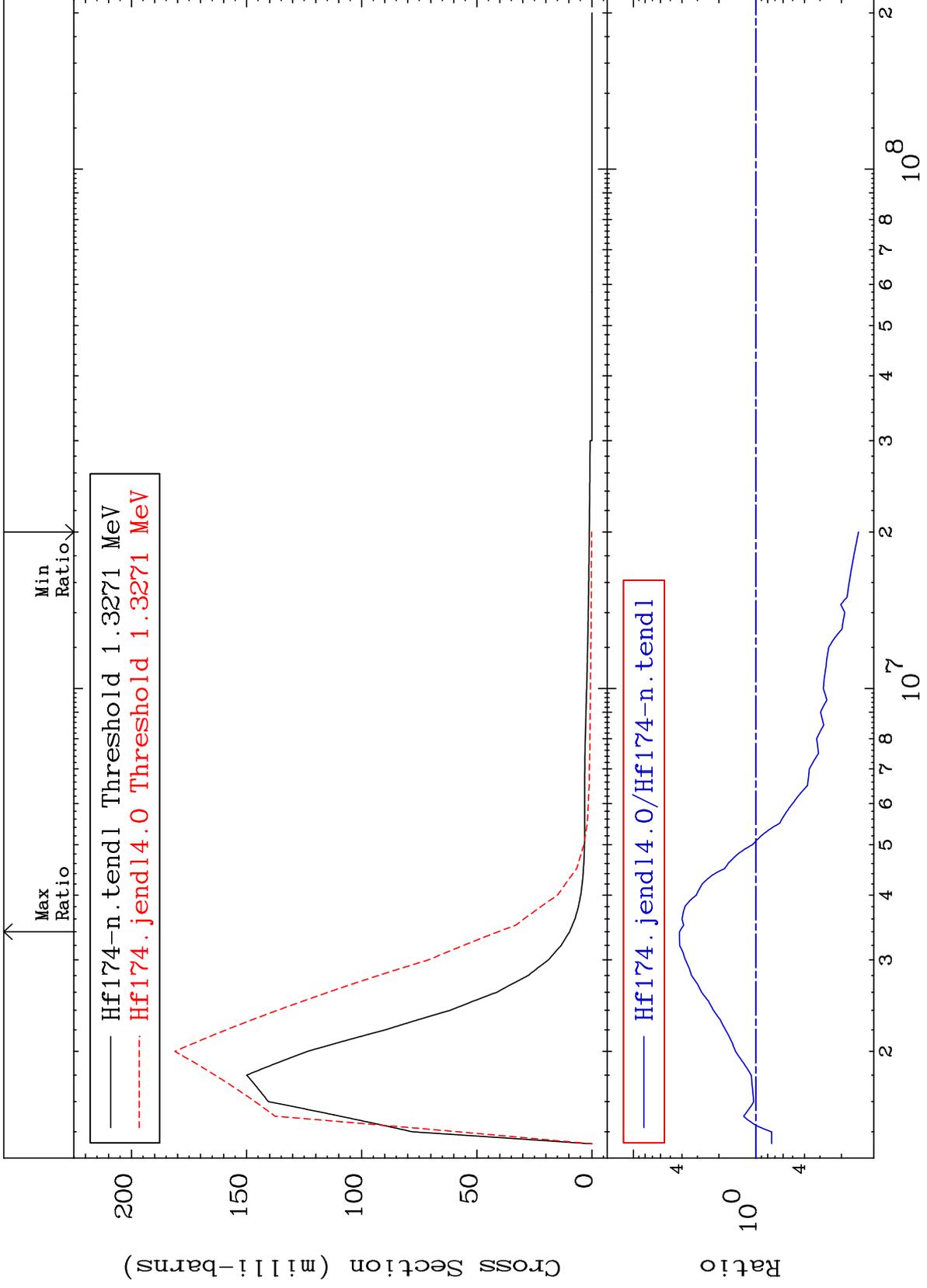
⁷²Hf-174



MAT 7225

1.319 MeV (n,n') Level
Cross Section

⁷²Hf-174
-85.47 To 319.7 %



20

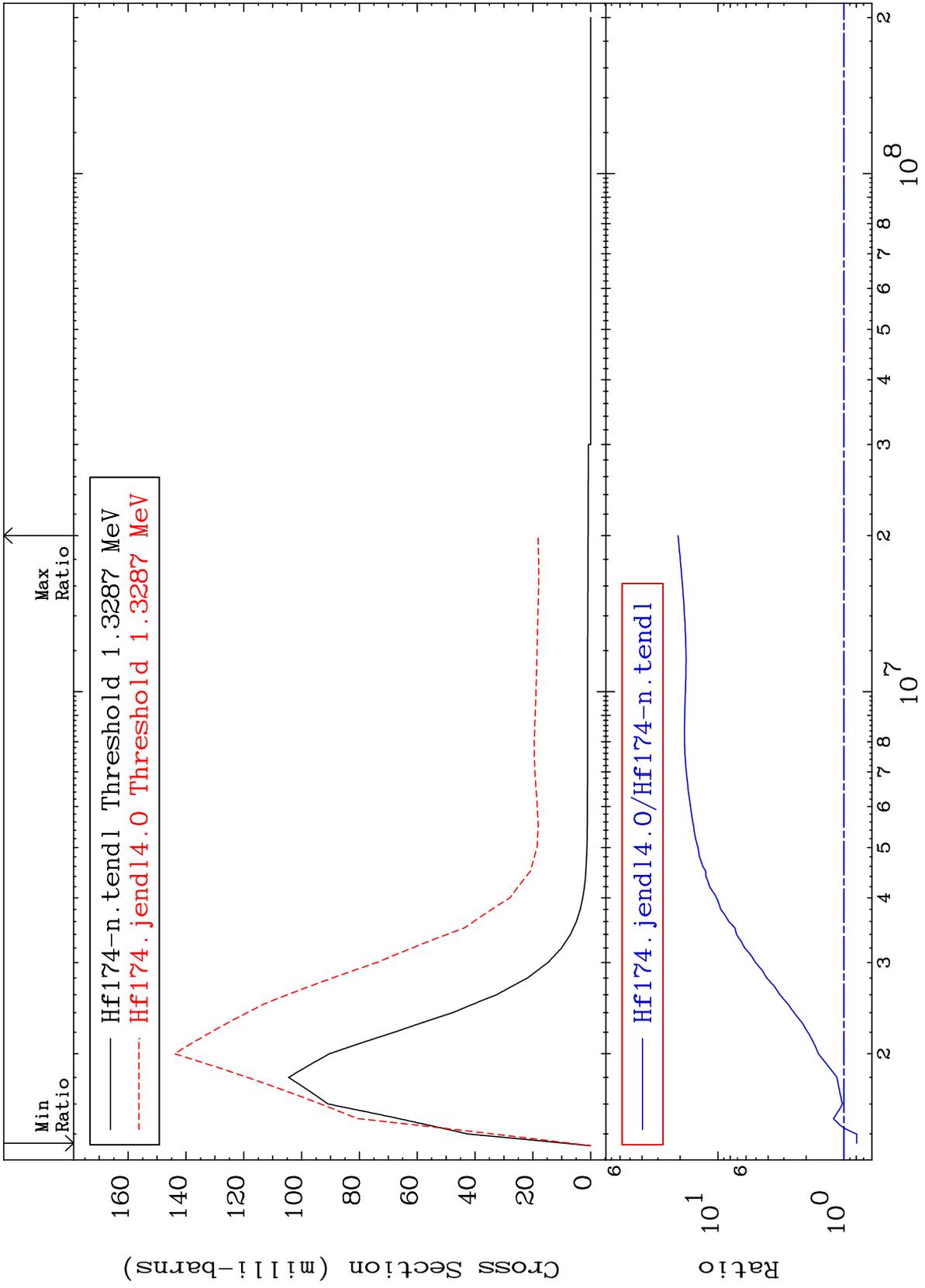
Incident Energy (eV)

⁷²Hf-174

MAT 7225

1.321 MeV (n,n') Level
Cross Section

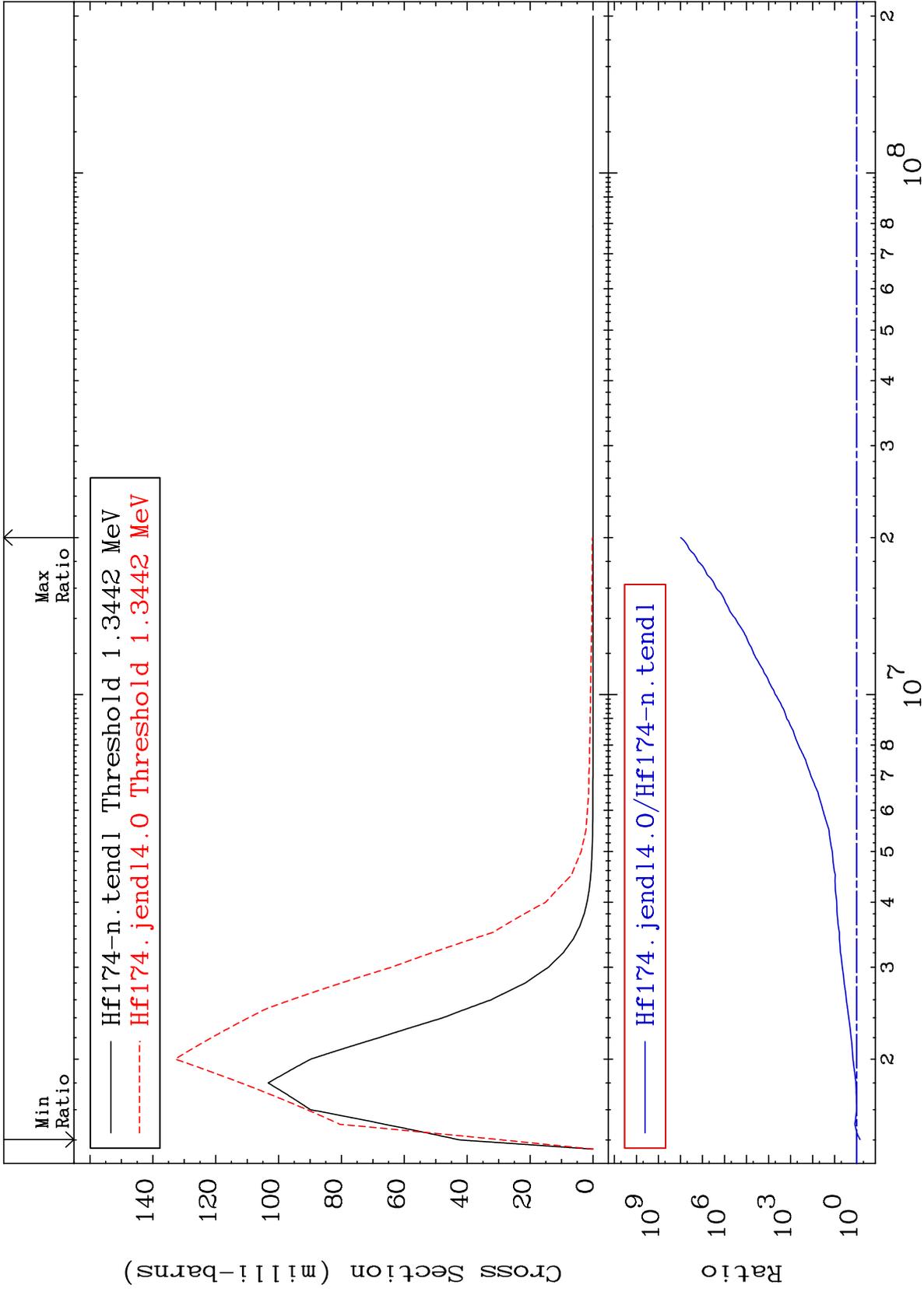
72-Hf-174
-20.72 To 1974. %

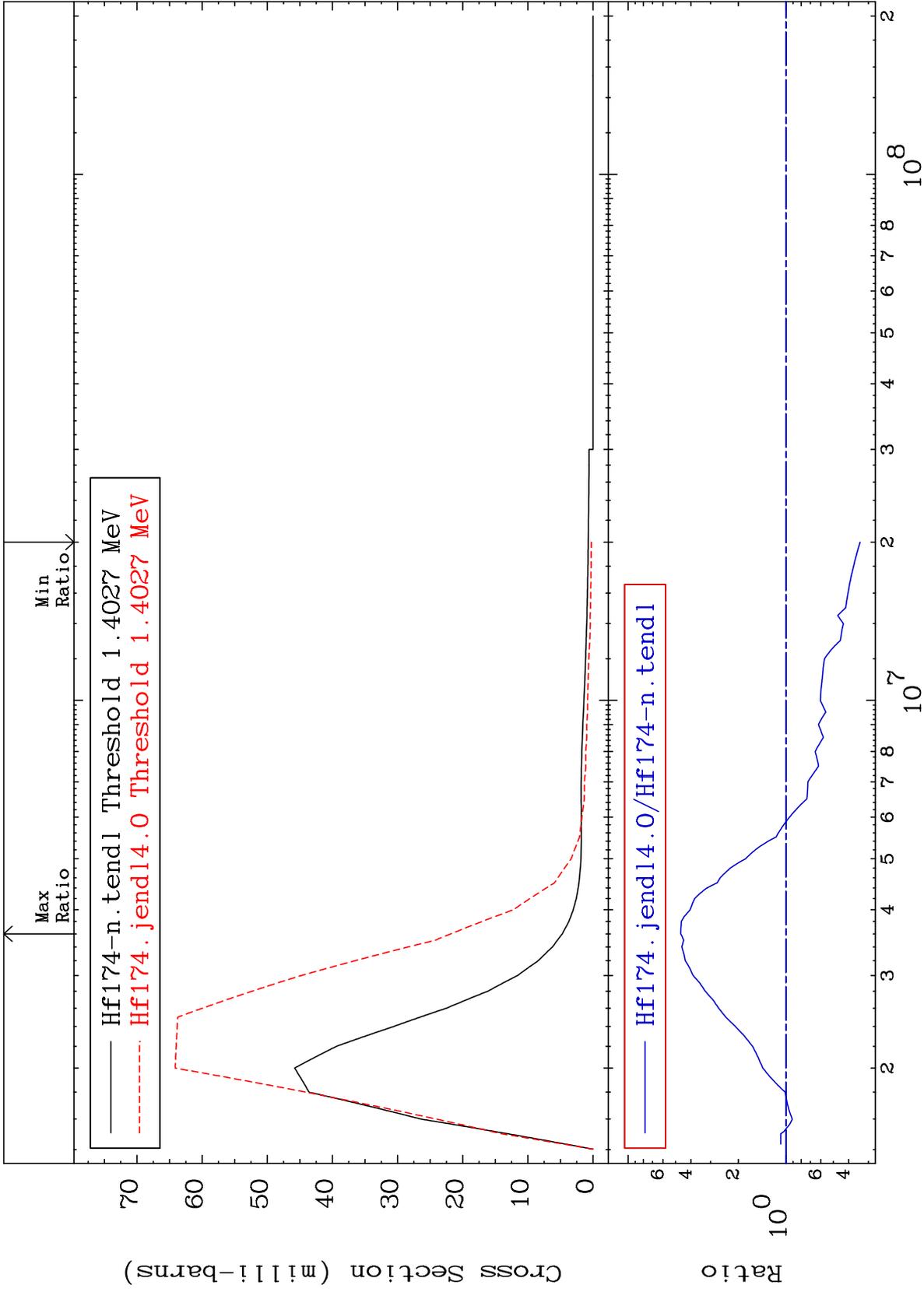


MAT 7225

1.336 MeV (n,n') Level
Cross Section

⁷²Hf-174
-29.77 To 9999. %

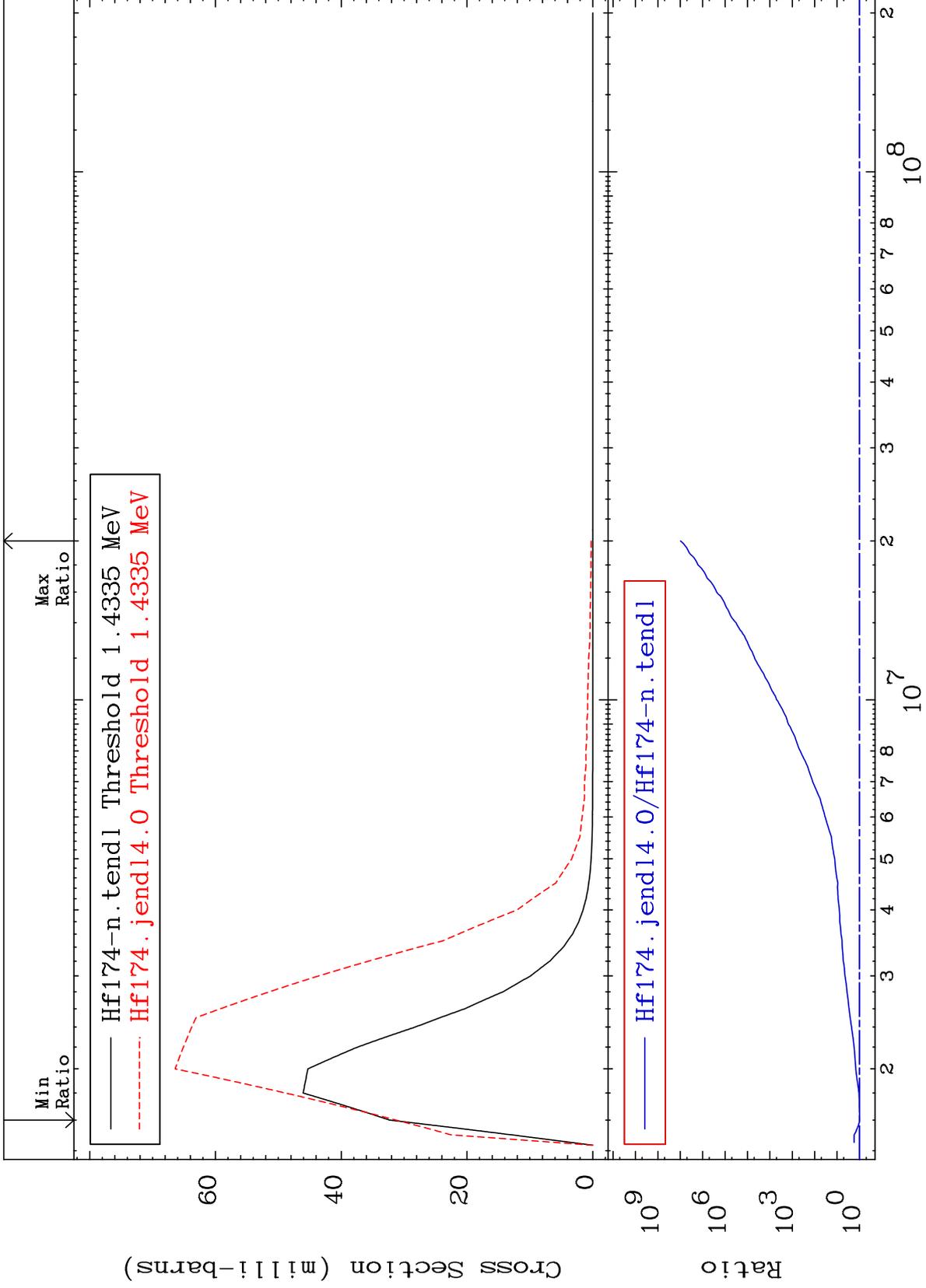




MAT 7225

1.425 MeV (n,n') Level
Cross Section

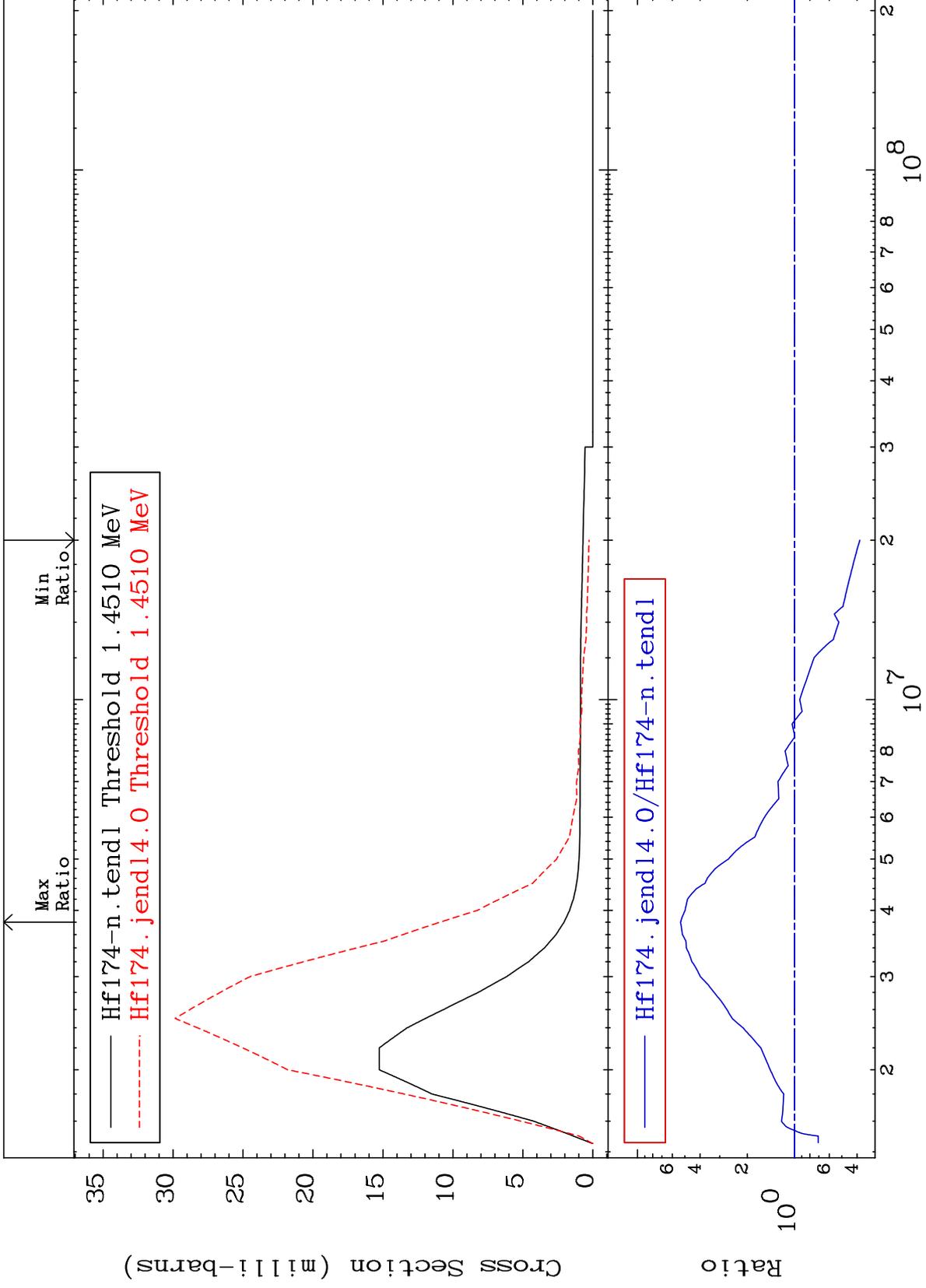
72-Hf-174
-3.211 To 9999. %



MAT 7225

1.443 MeV (n,n') Level
Cross Section

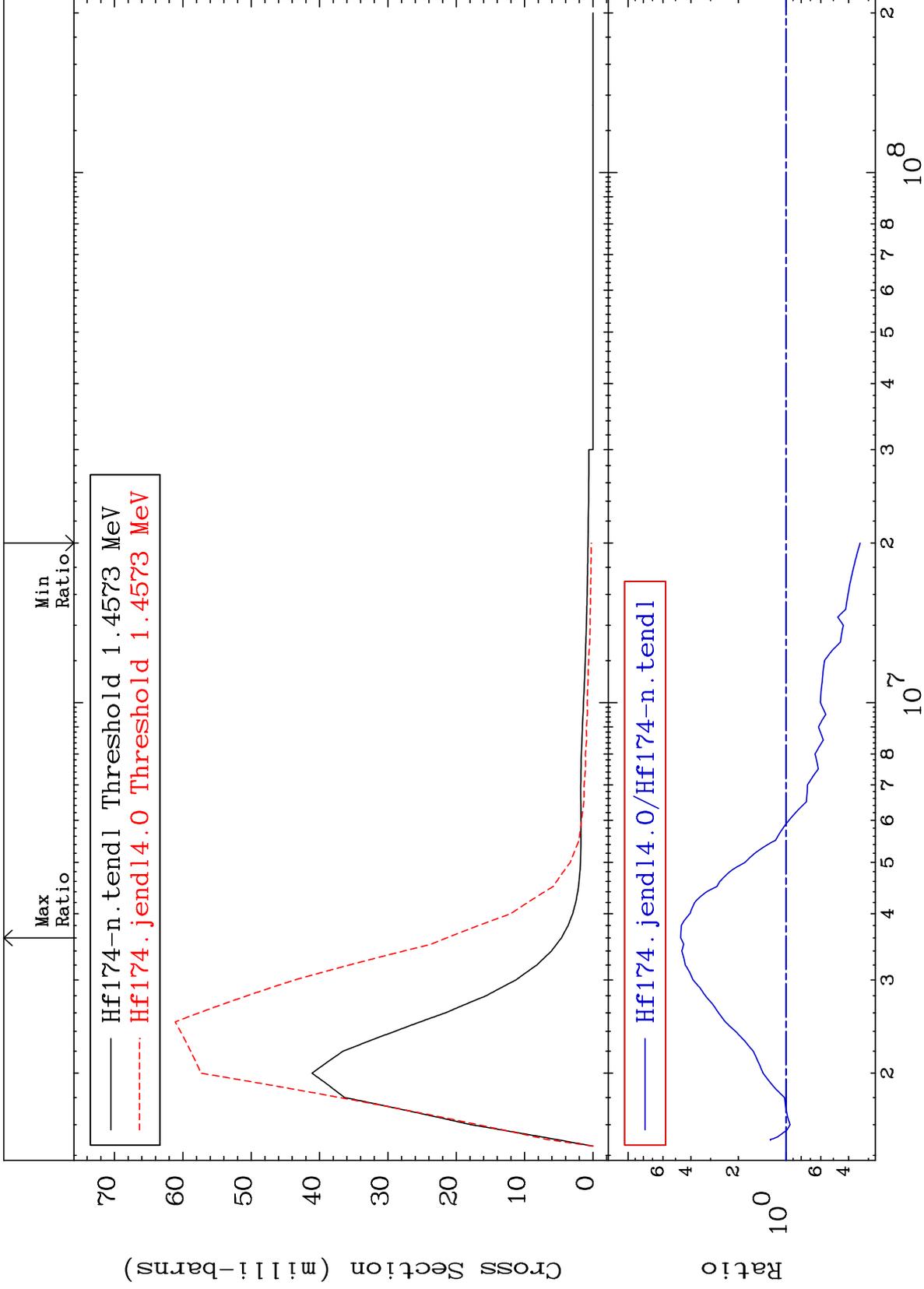
⁷²Hf-174
-61.57 To 432.6 %



25

Incident Energy (eV)

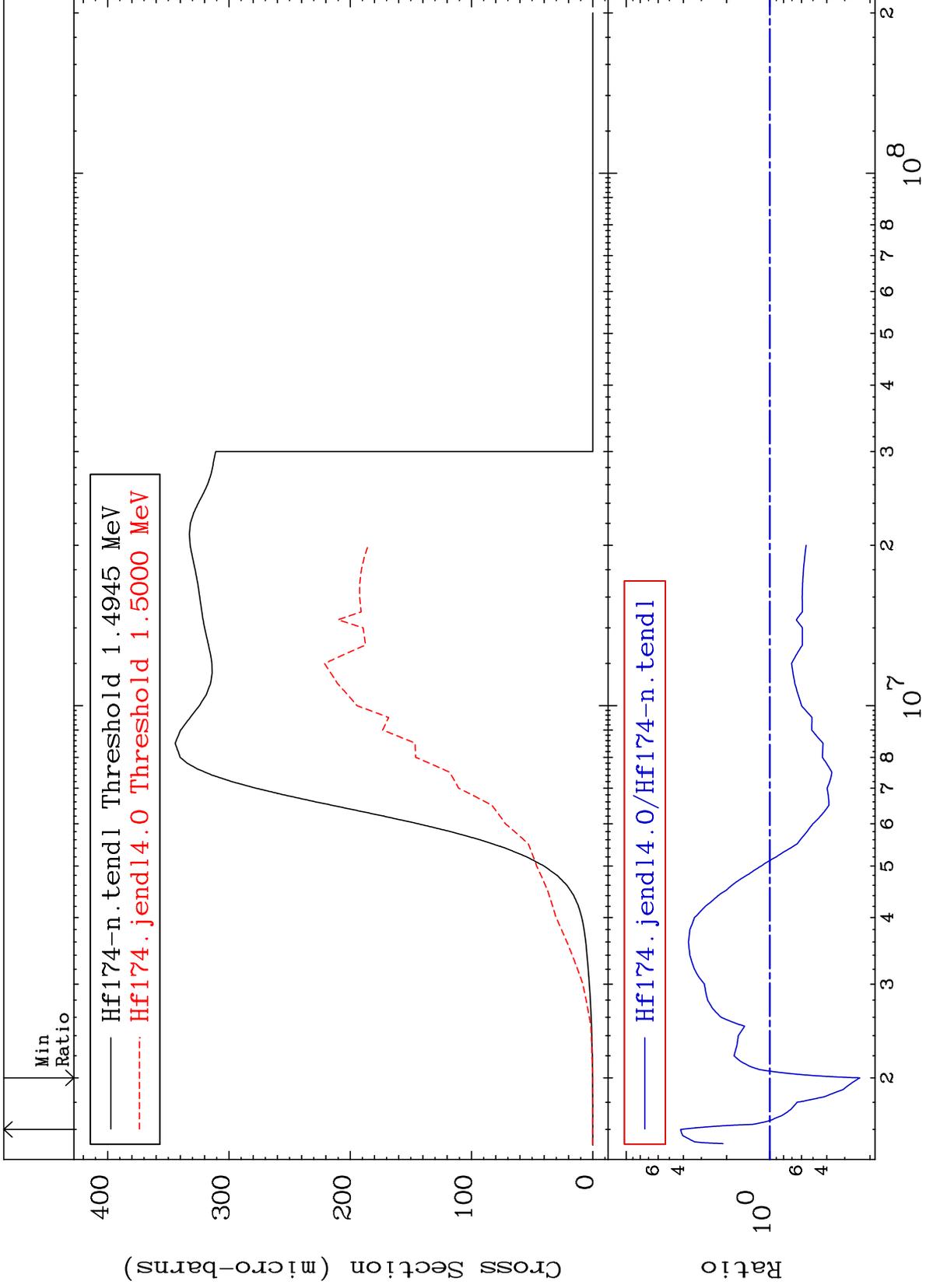
⁷²Hf-174



MAT 7225

1.486 MeV (n,n') Level
Cross Section

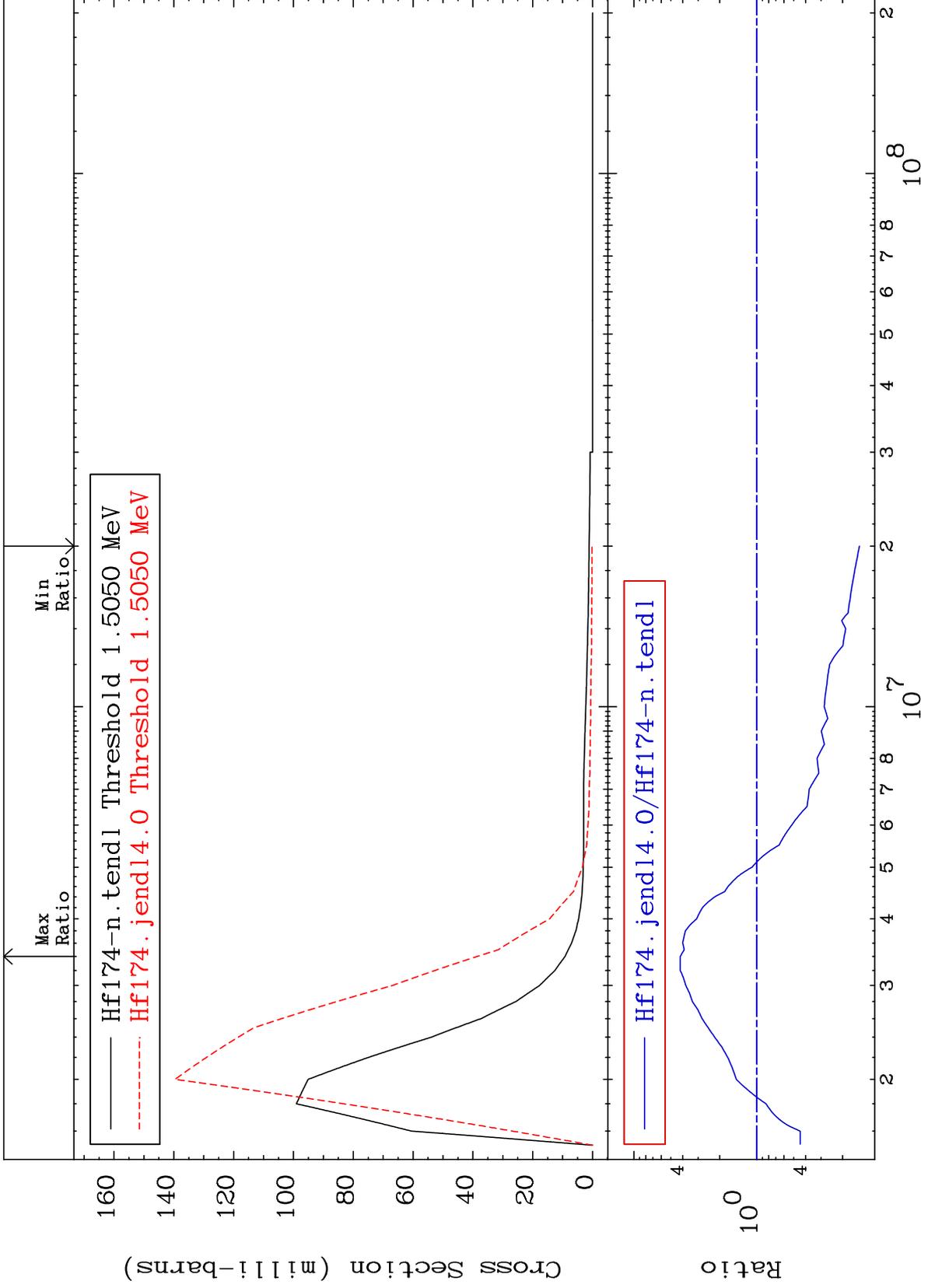
72-Hf-174
-76.42 To 318.5 %



MAT 7225

1.496 MeV (n,n') Level
Cross Section

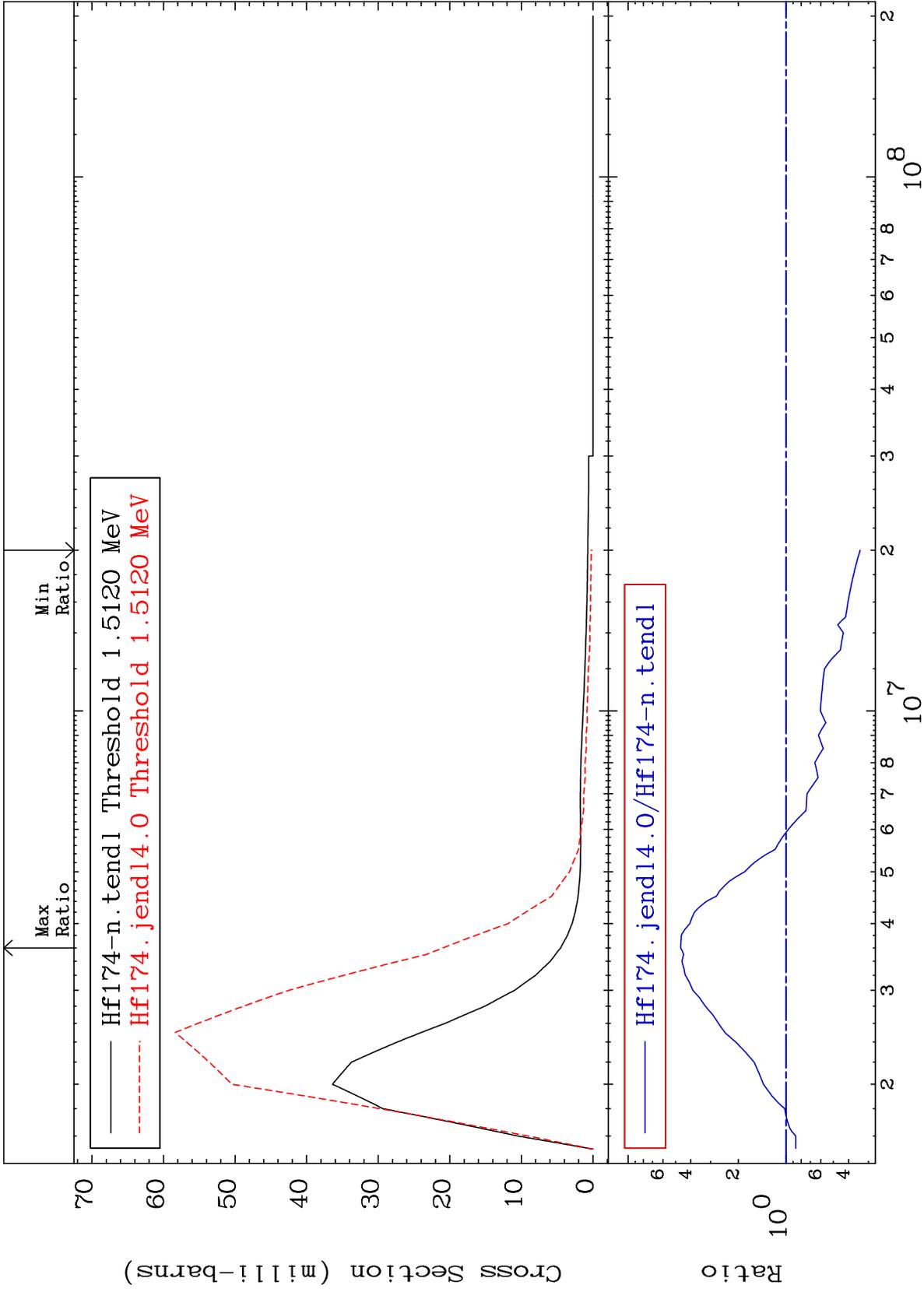
⁷²Hf-174
-85.42 To 319.3 %



MAT 7225

1.503 MeV (n,n') Level
Cross Section

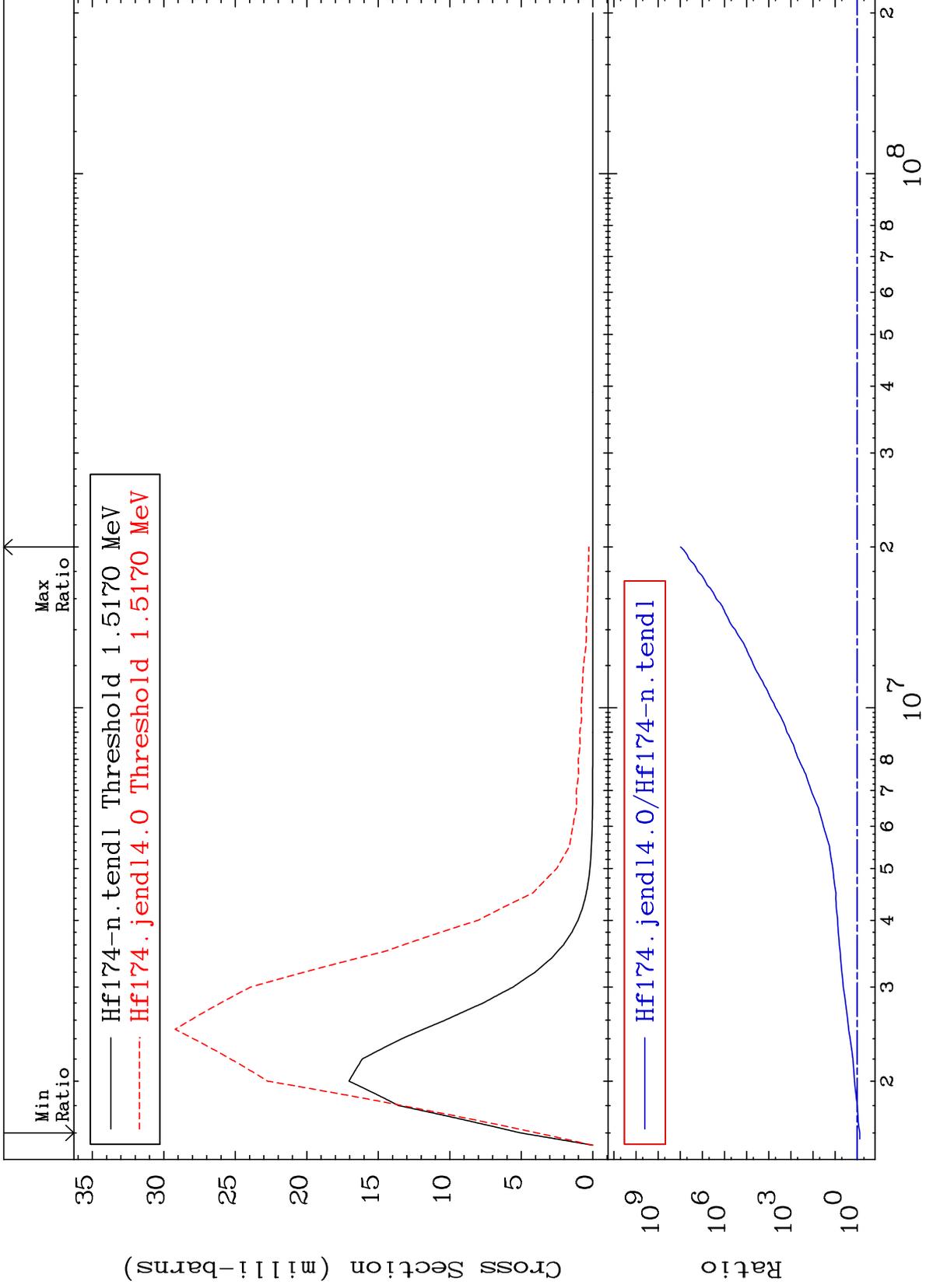
⁷²Hf-174
-66.13 To 363.4 %

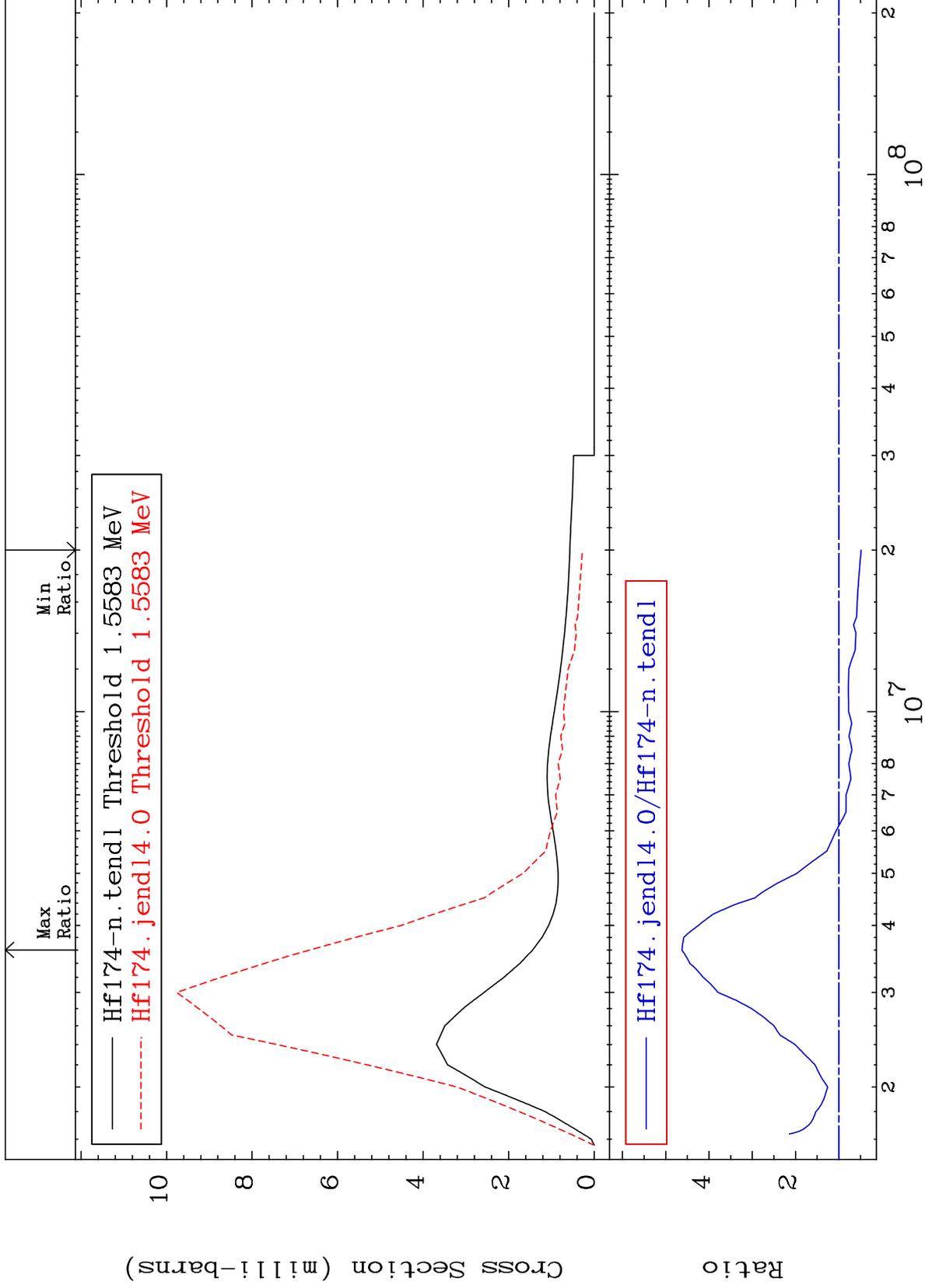


MAT 7225

1.508 MeV (n,n') Level
Cross Section

72-Hf-174
-22.88 To 9999. %

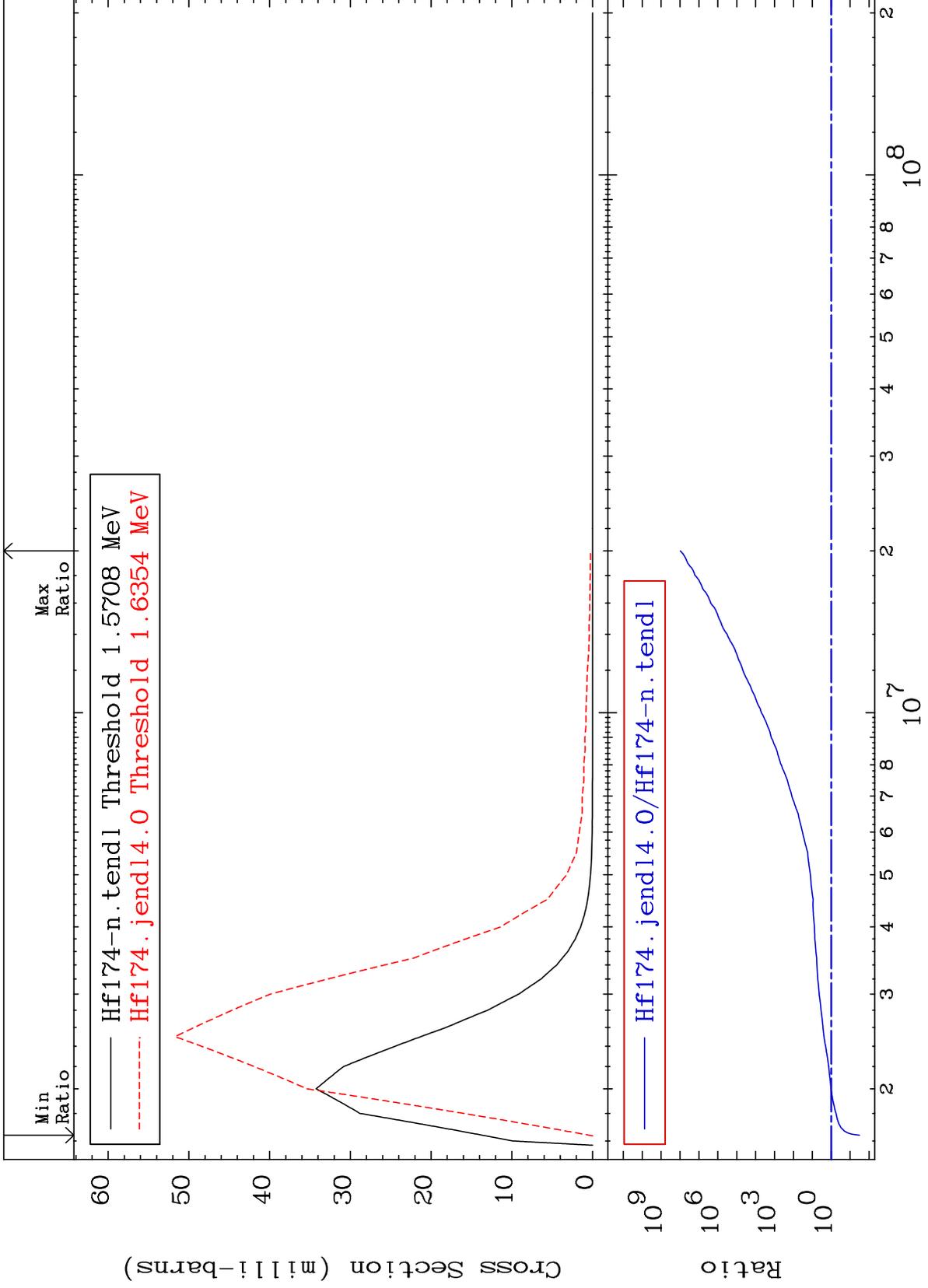


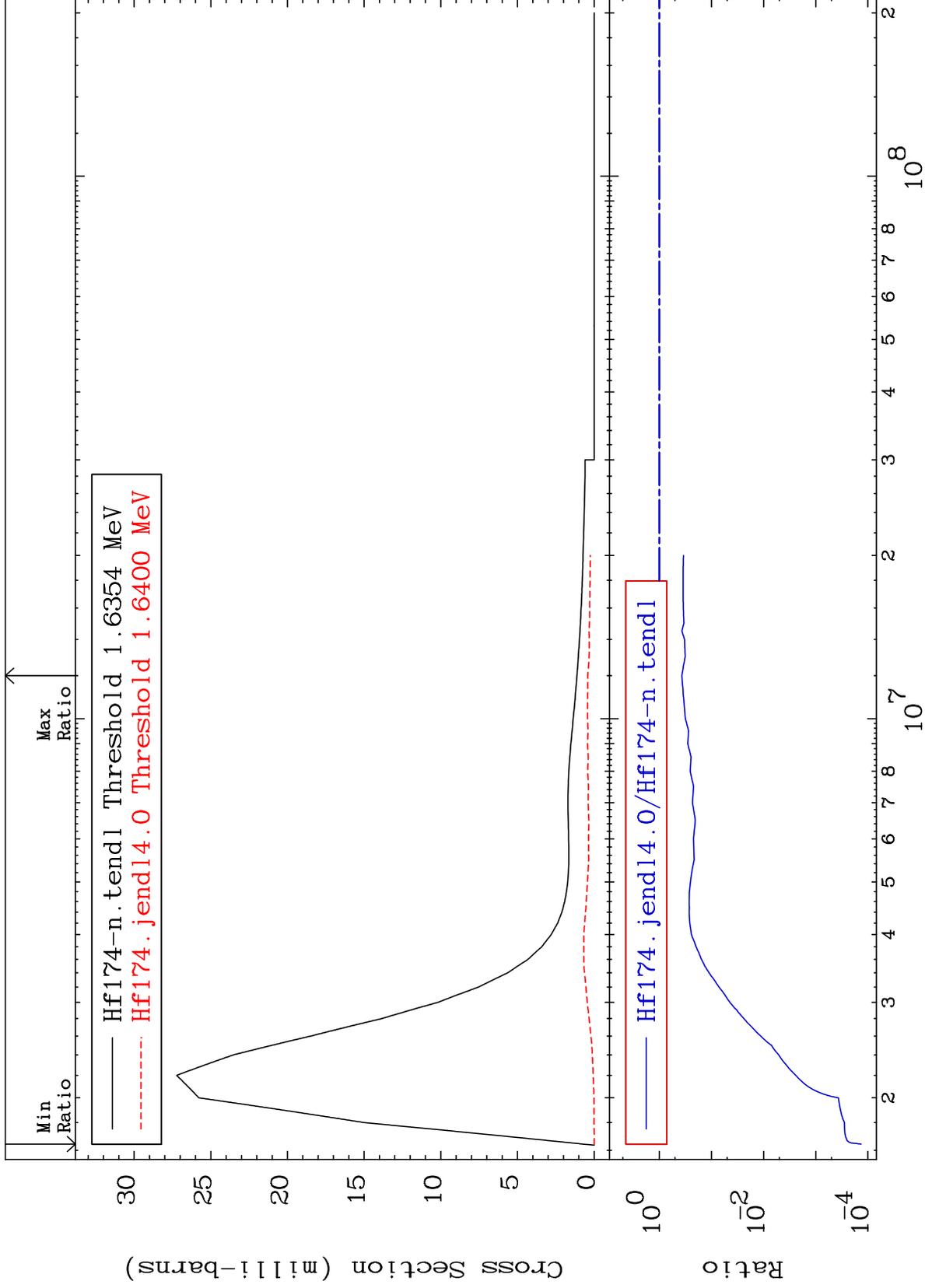


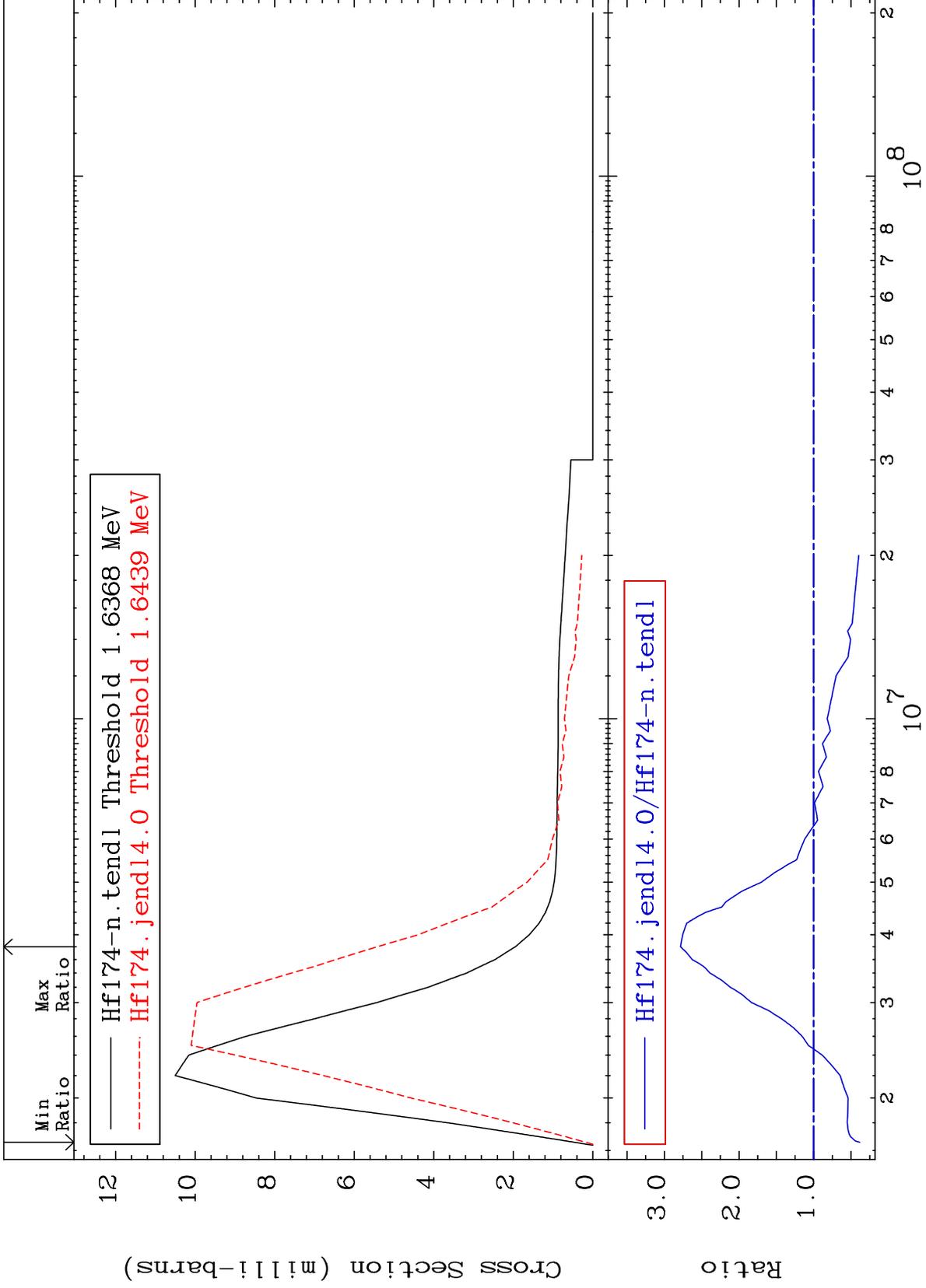
MAT 7225

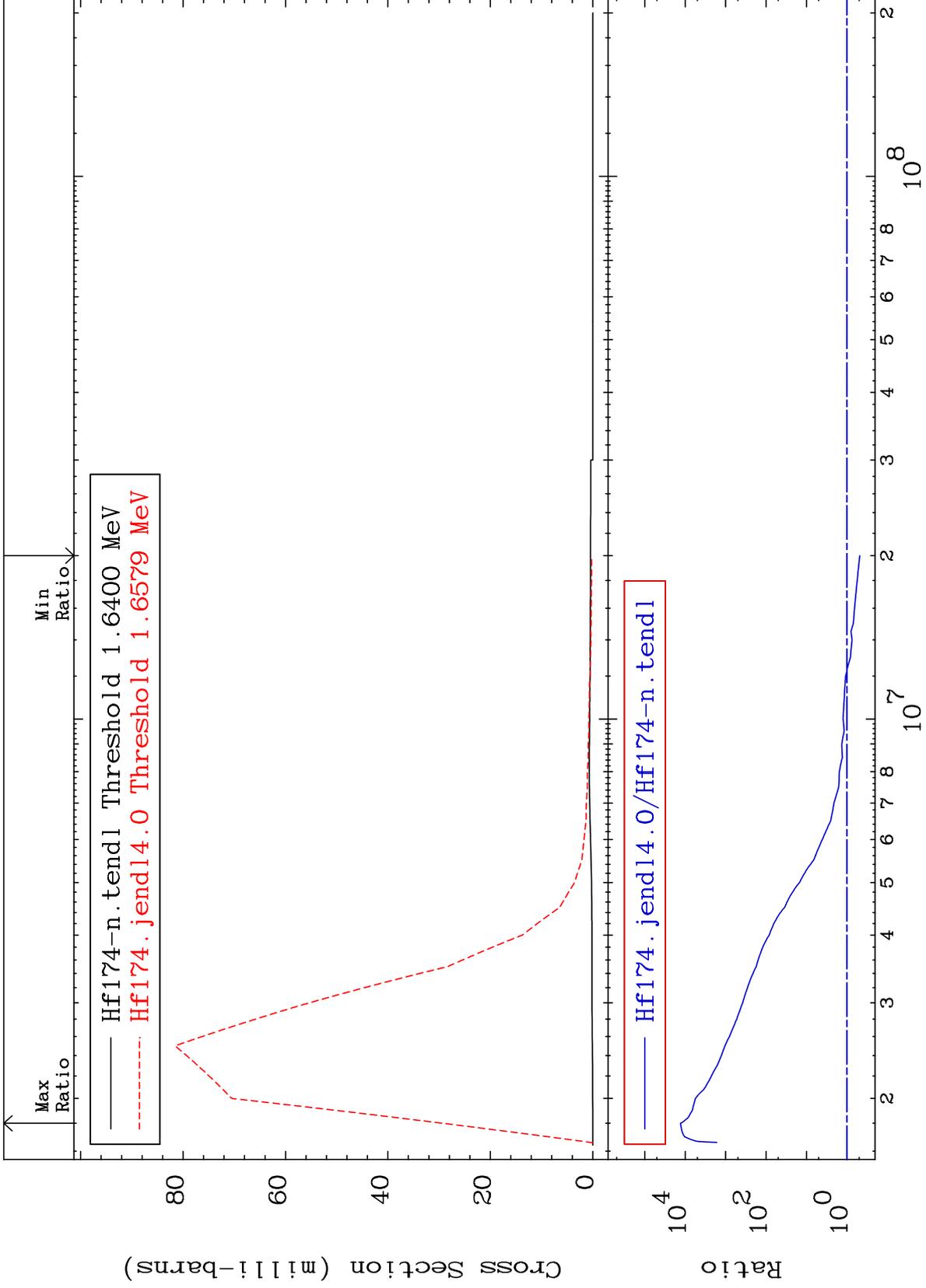
1.562 MeV (n,n') Level
Cross Section

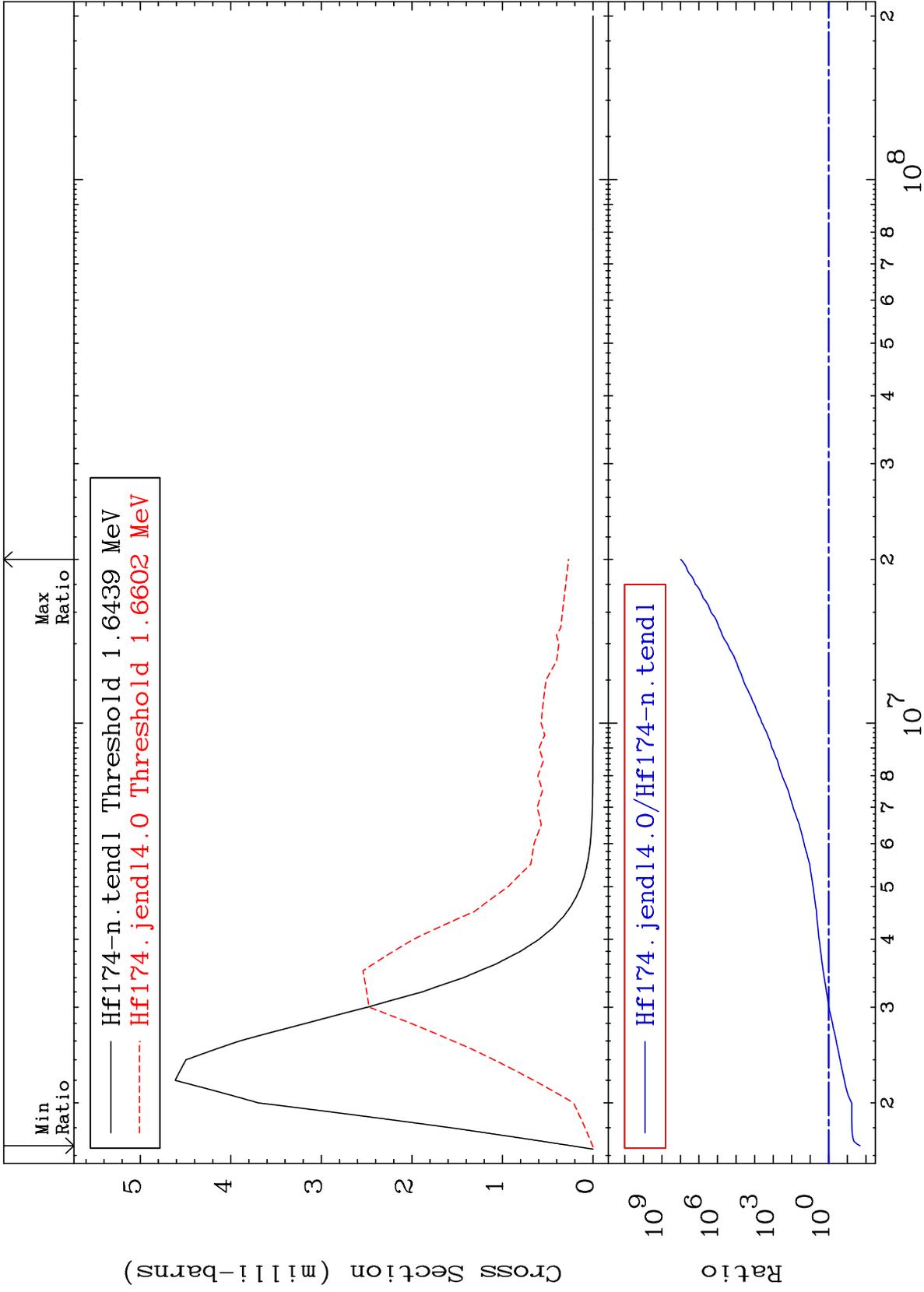
72-Hf-174
-96.78 To 9999. %







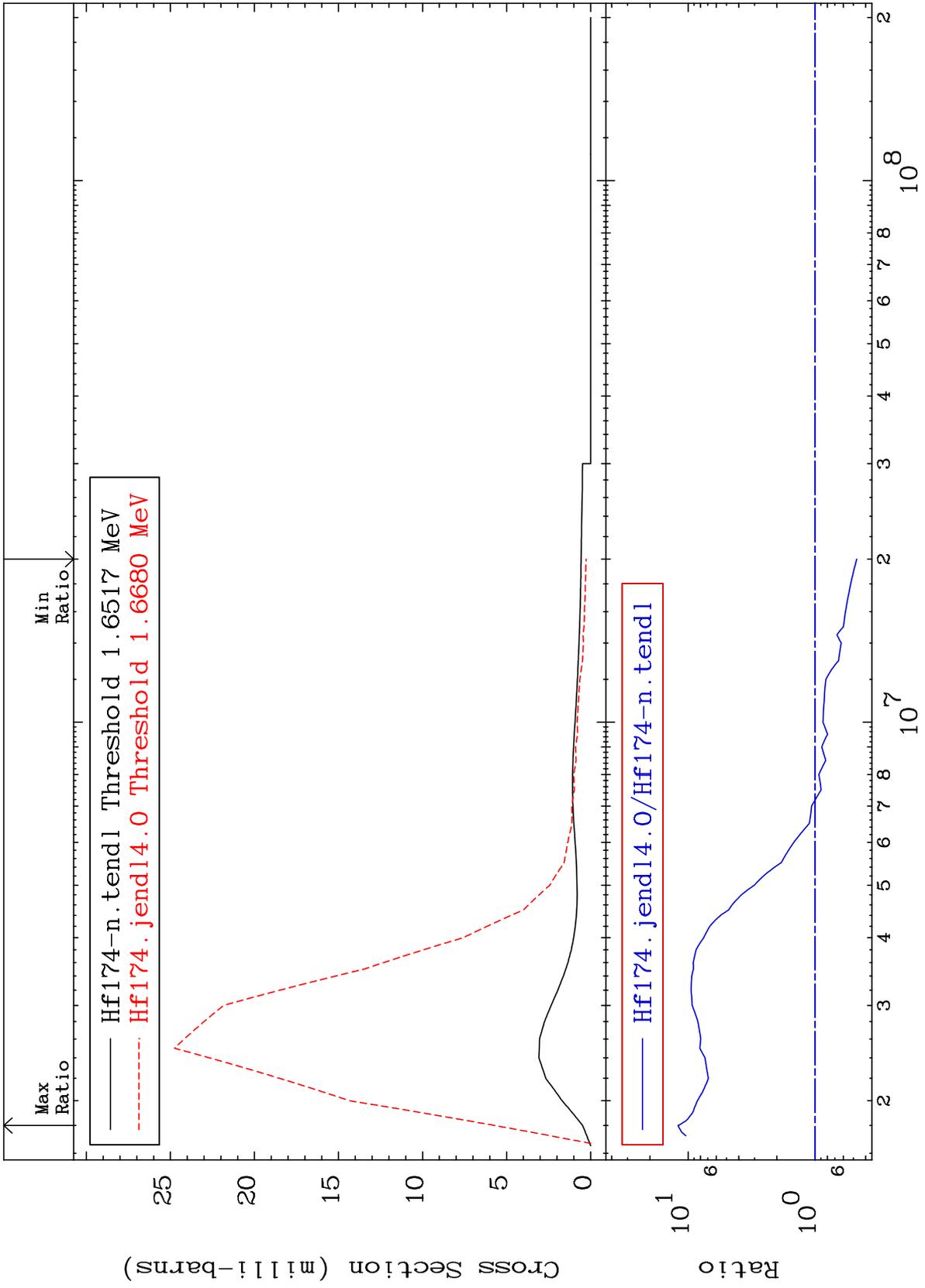


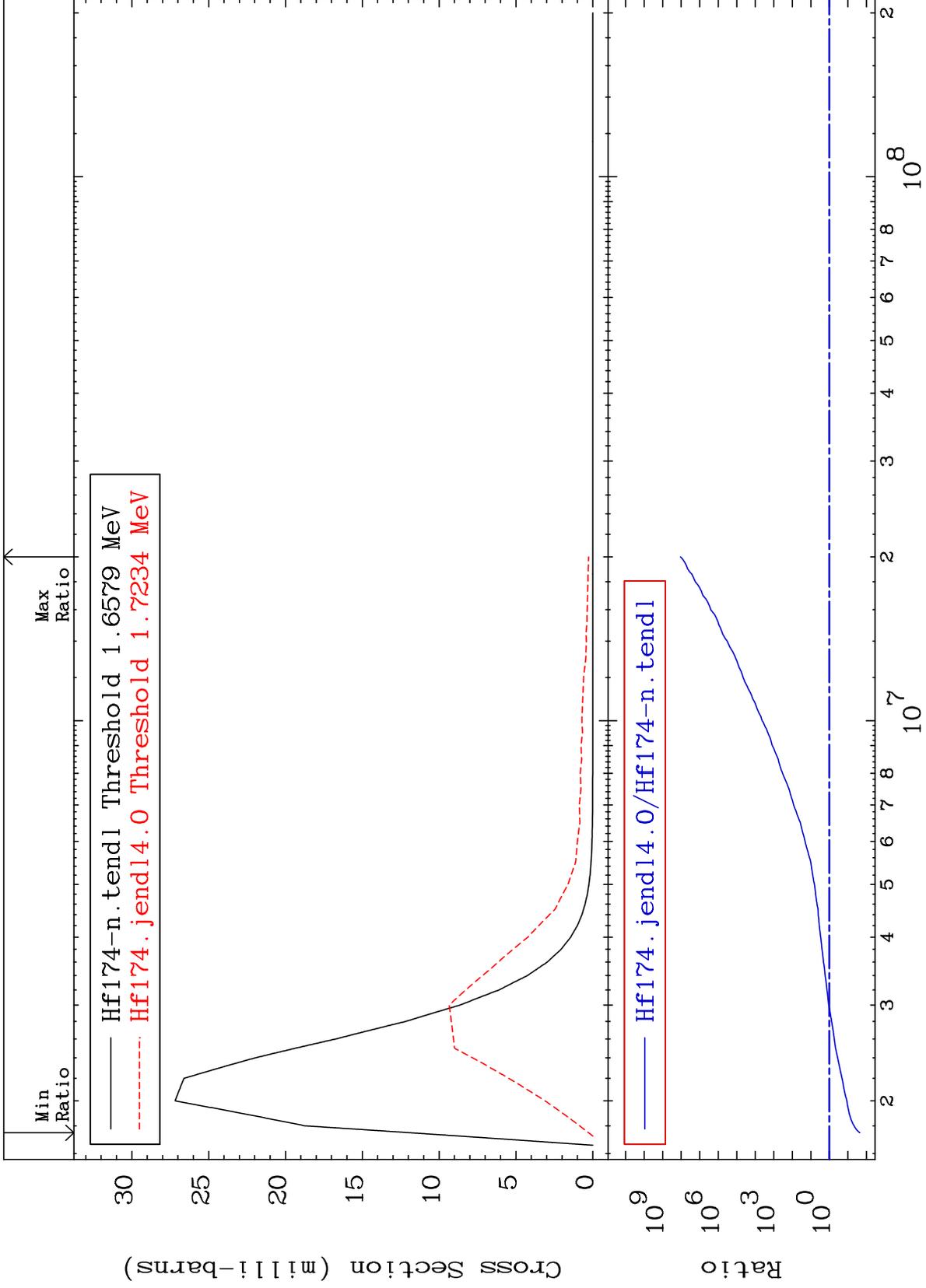


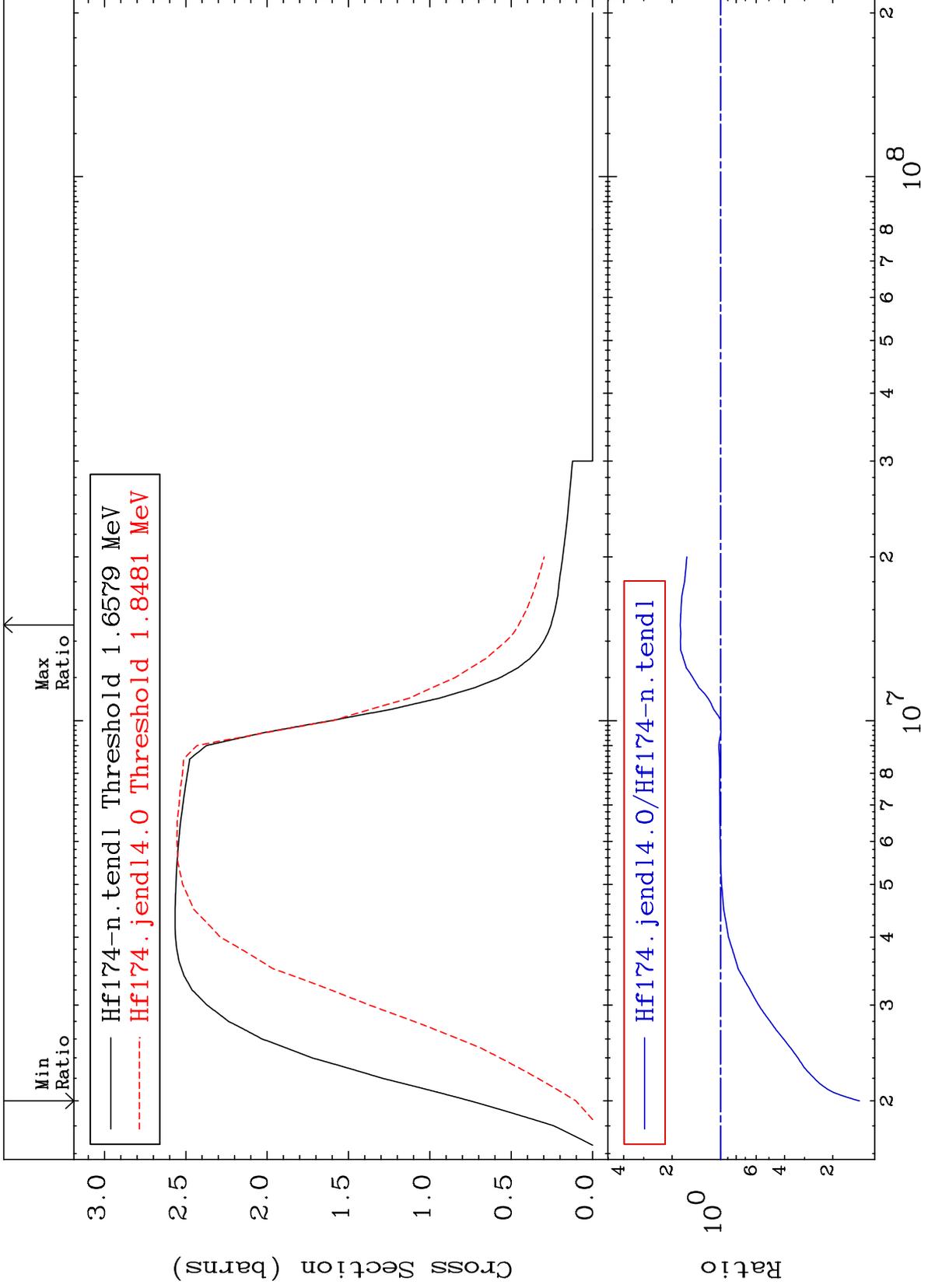
MAT 7225

1.642 MeV (n,n') Level
Cross Section

72-Hf-174
-52.93 To 1101. %







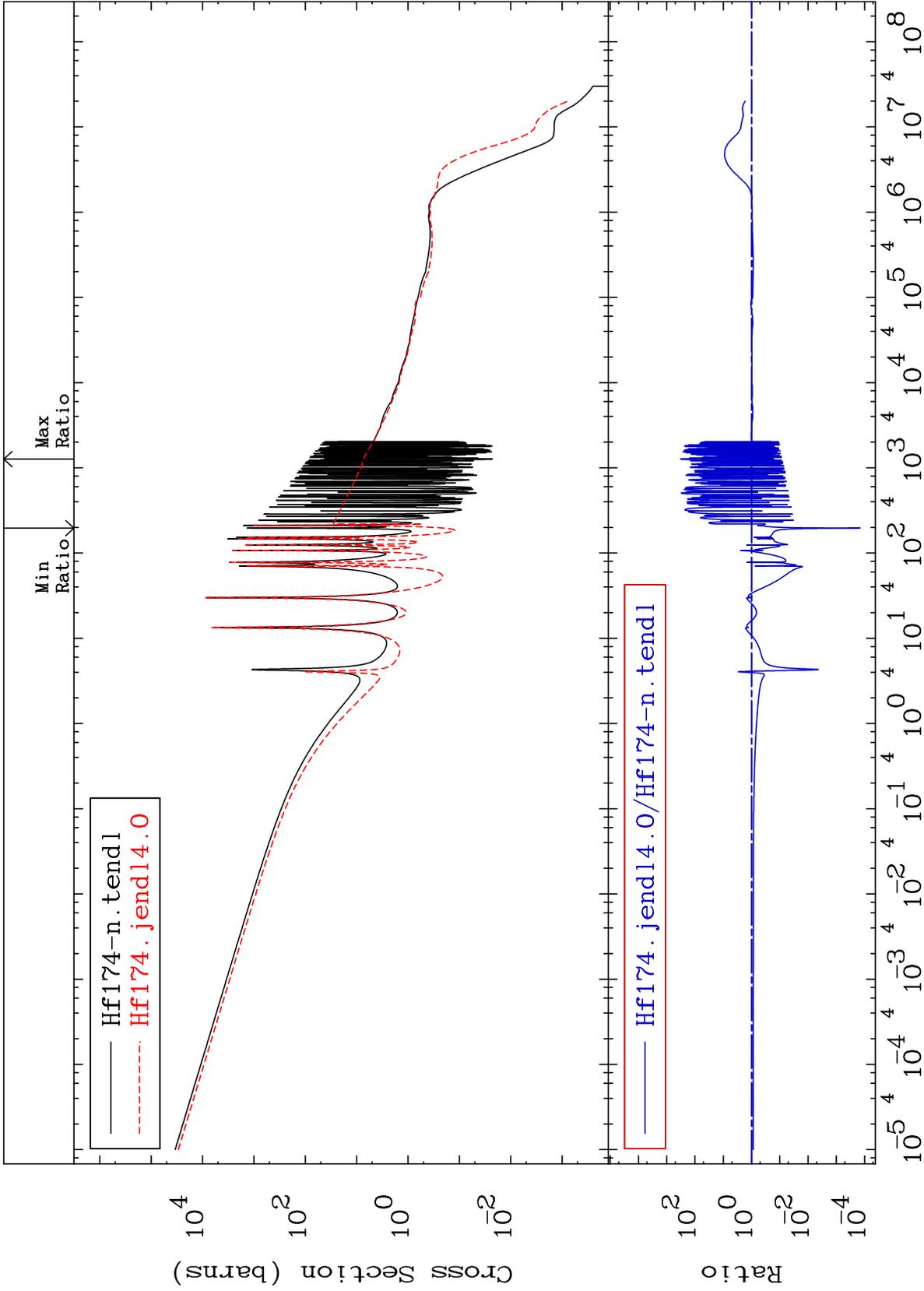
MAT 7225

72-Hf-174

-99.99 To 9999. %

(n, γ)

Cross Section



40

Incident Energy (eV)

72-Hf-174

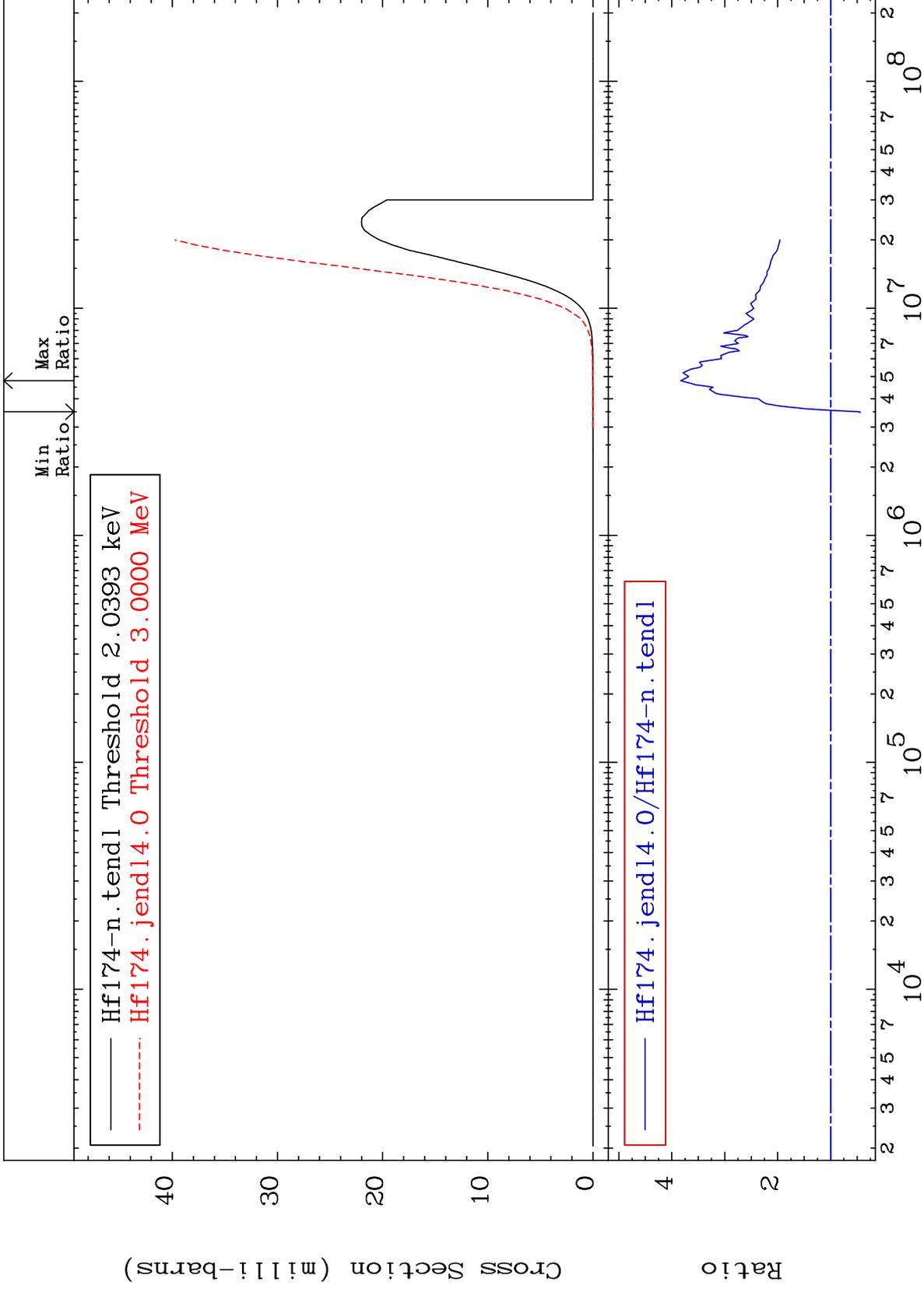
MAT 7225

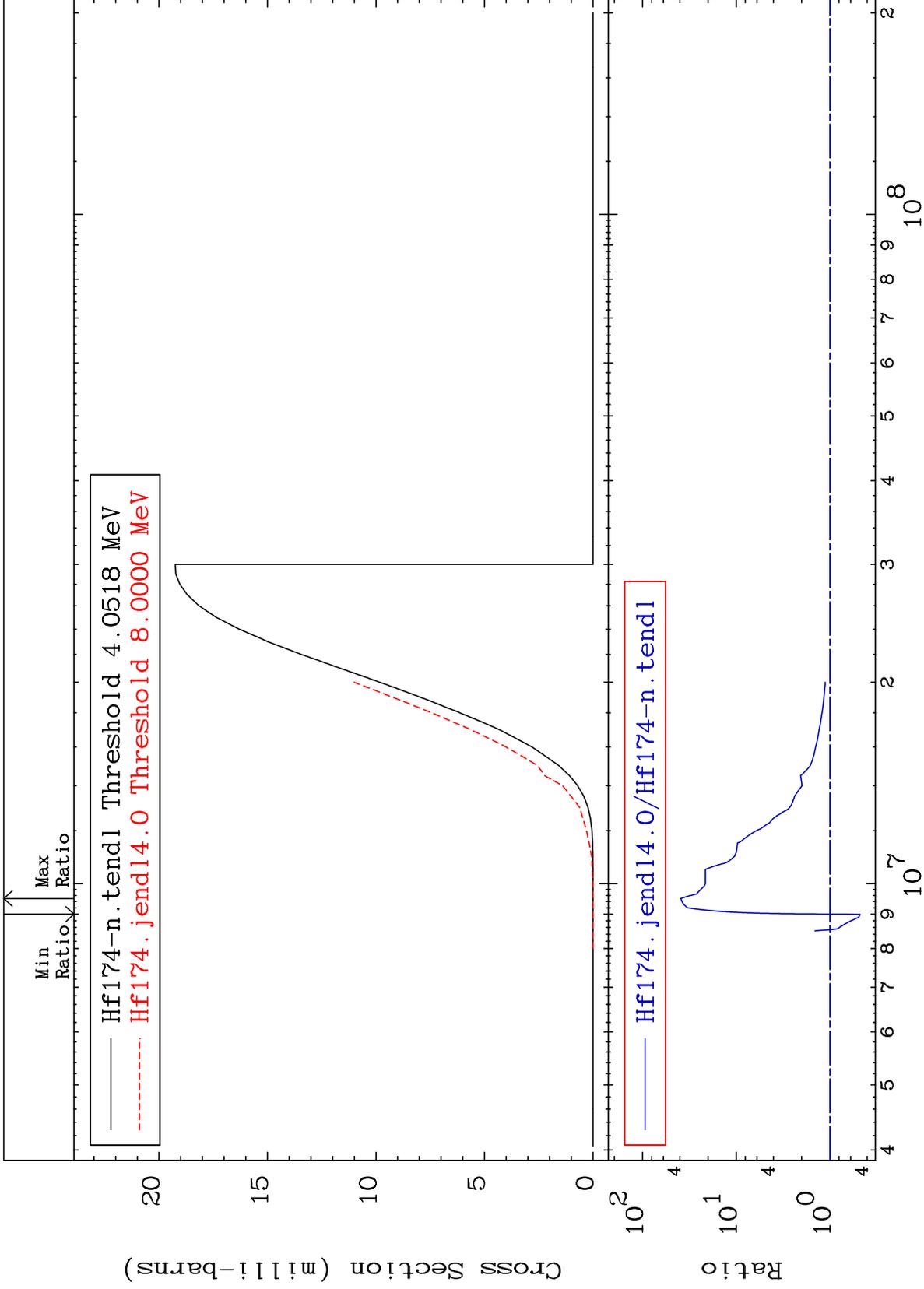
(n, p)

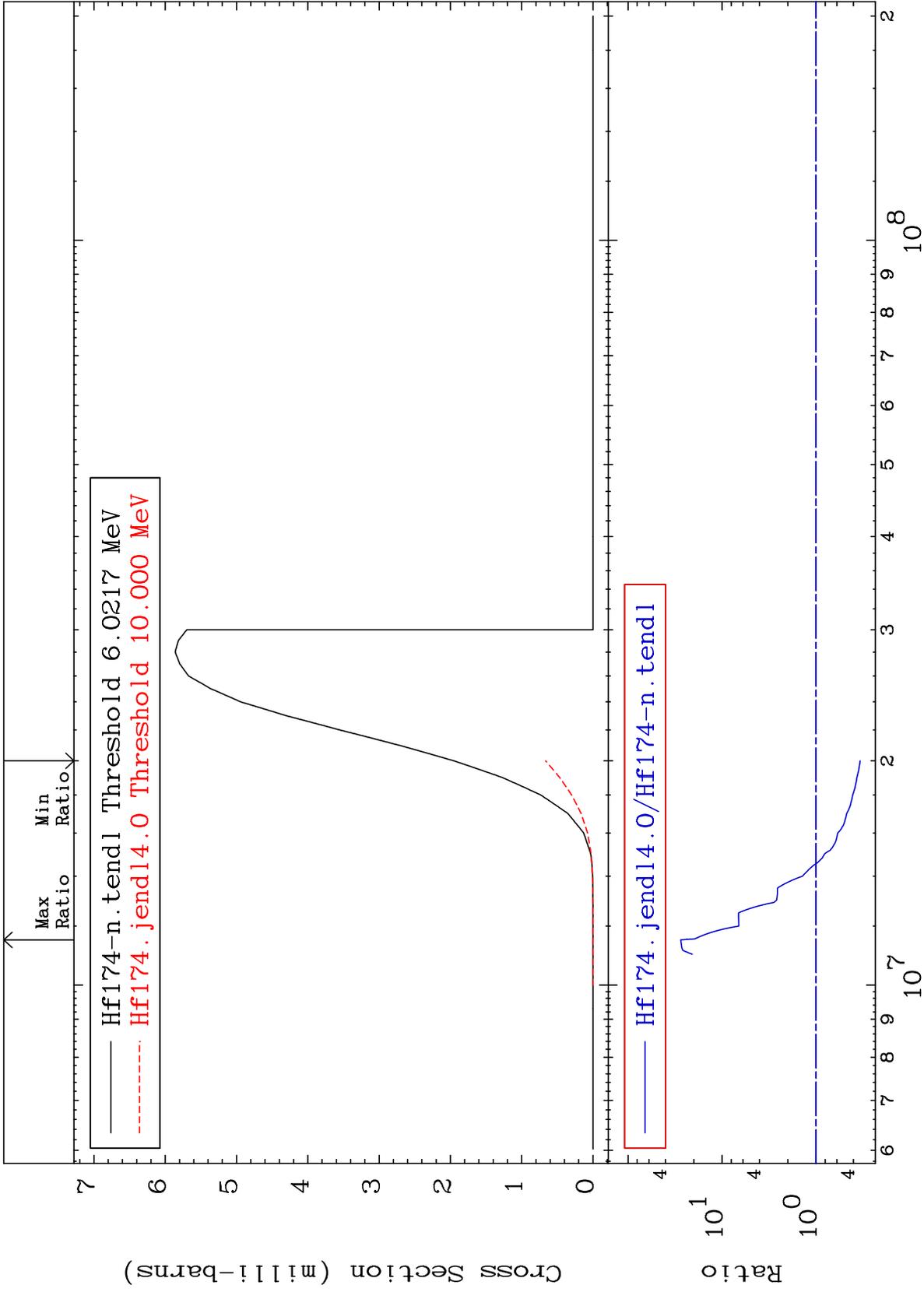
Cross Section

72-Hf-174

-55.64 To 283.0 %

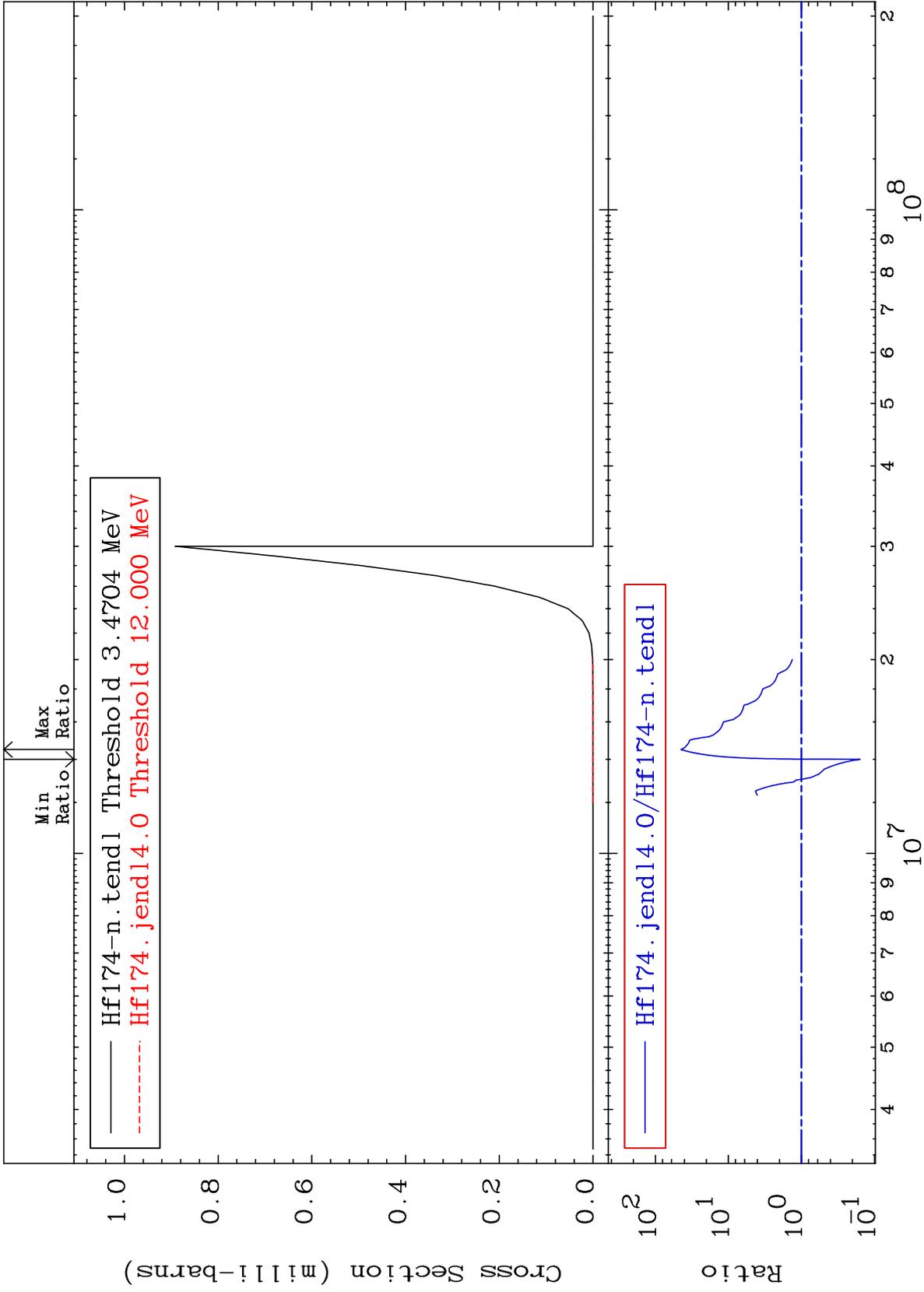






Cross Section

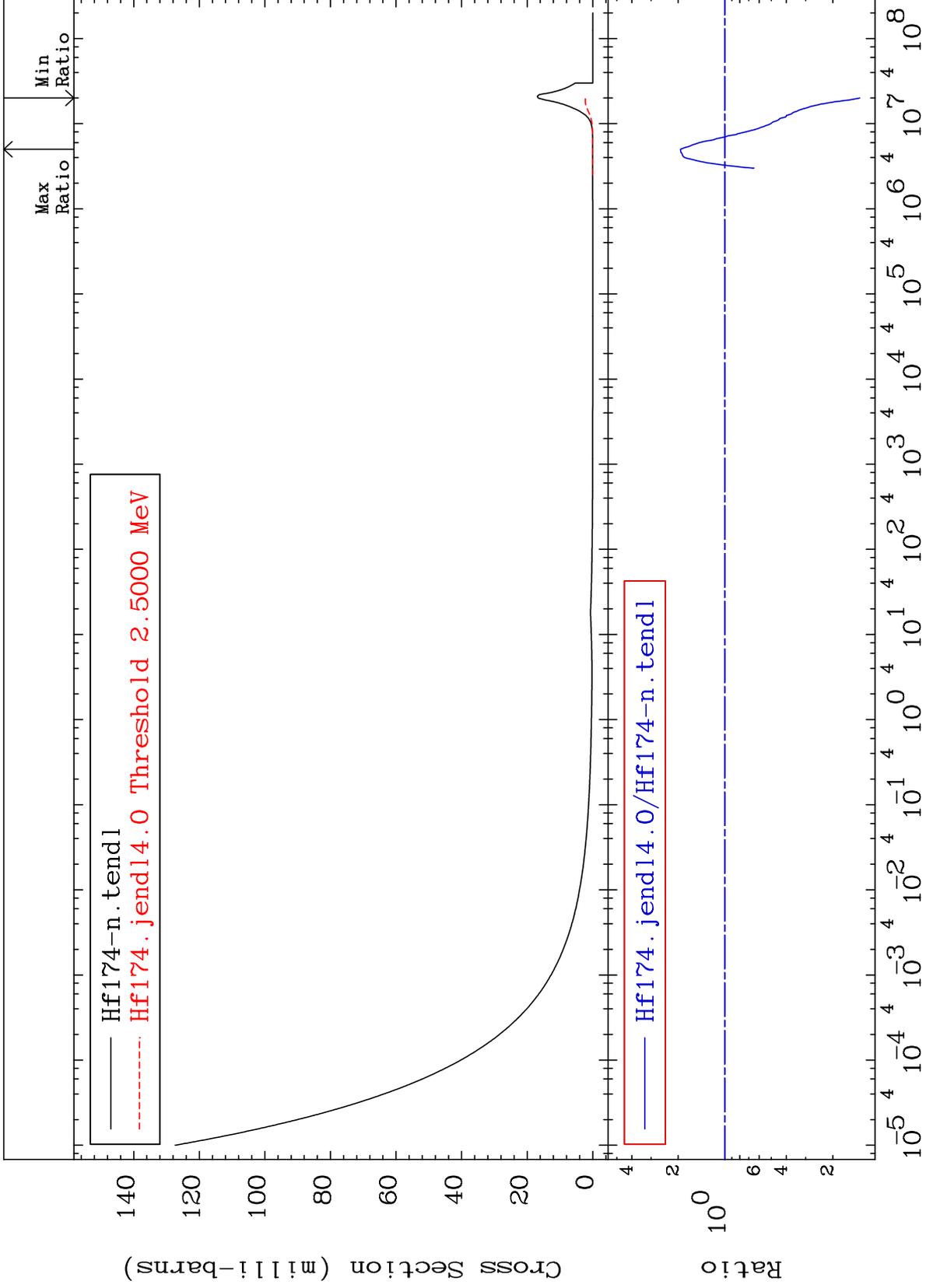
-84.29 To 4391. %



MAT 7225

(n, α)
Cross Section

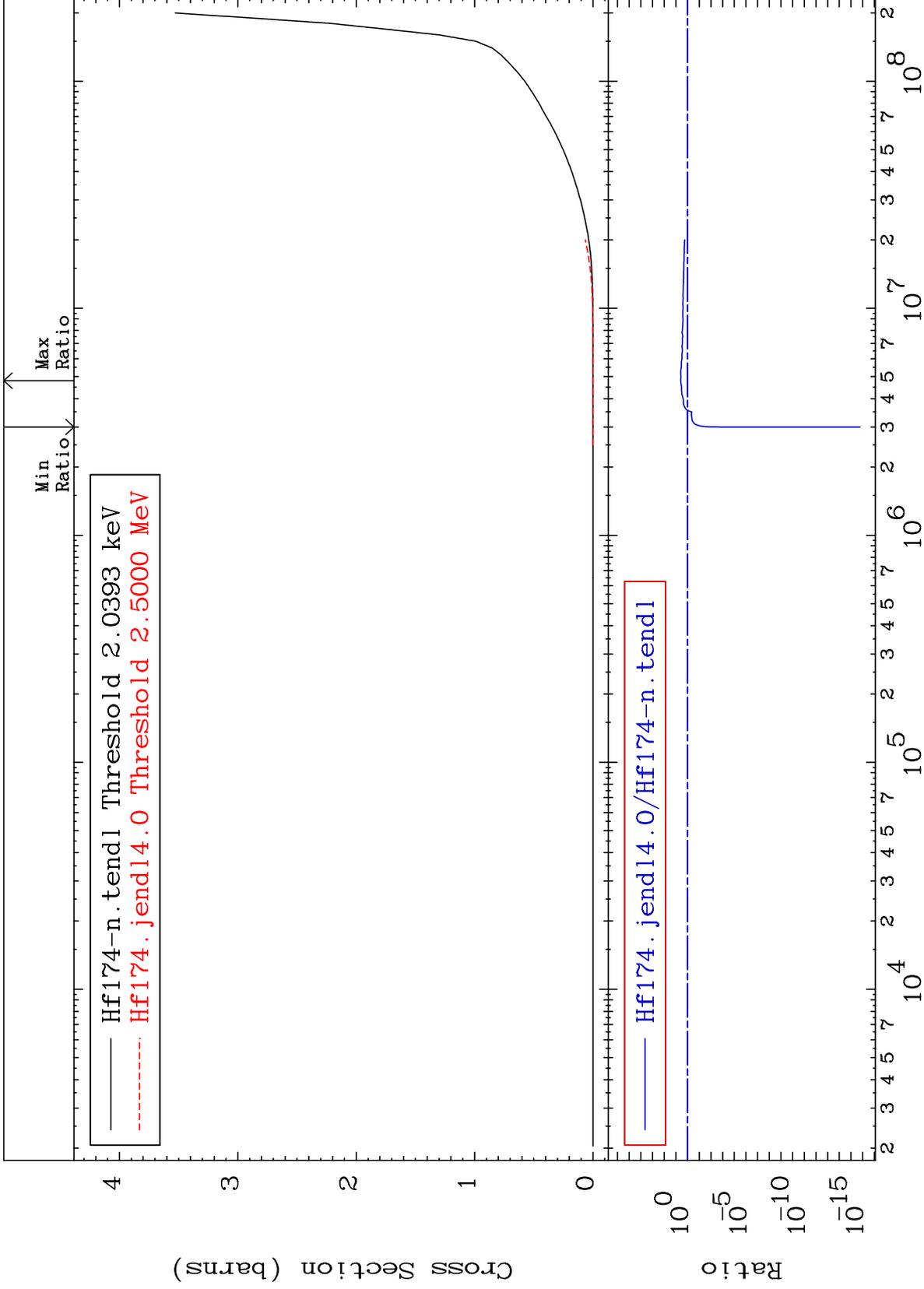
72-Hf-174
-86.60 To 93.44 %

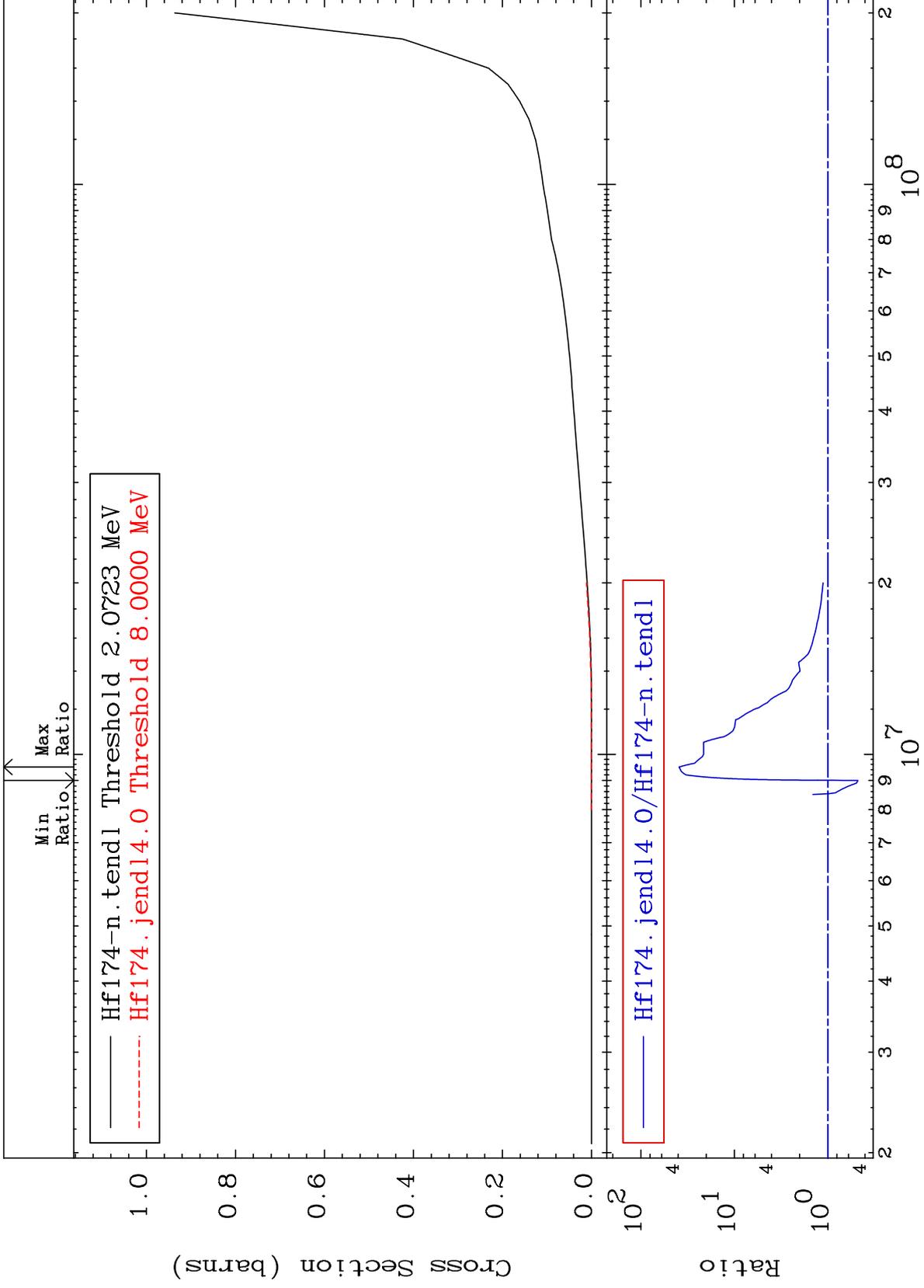


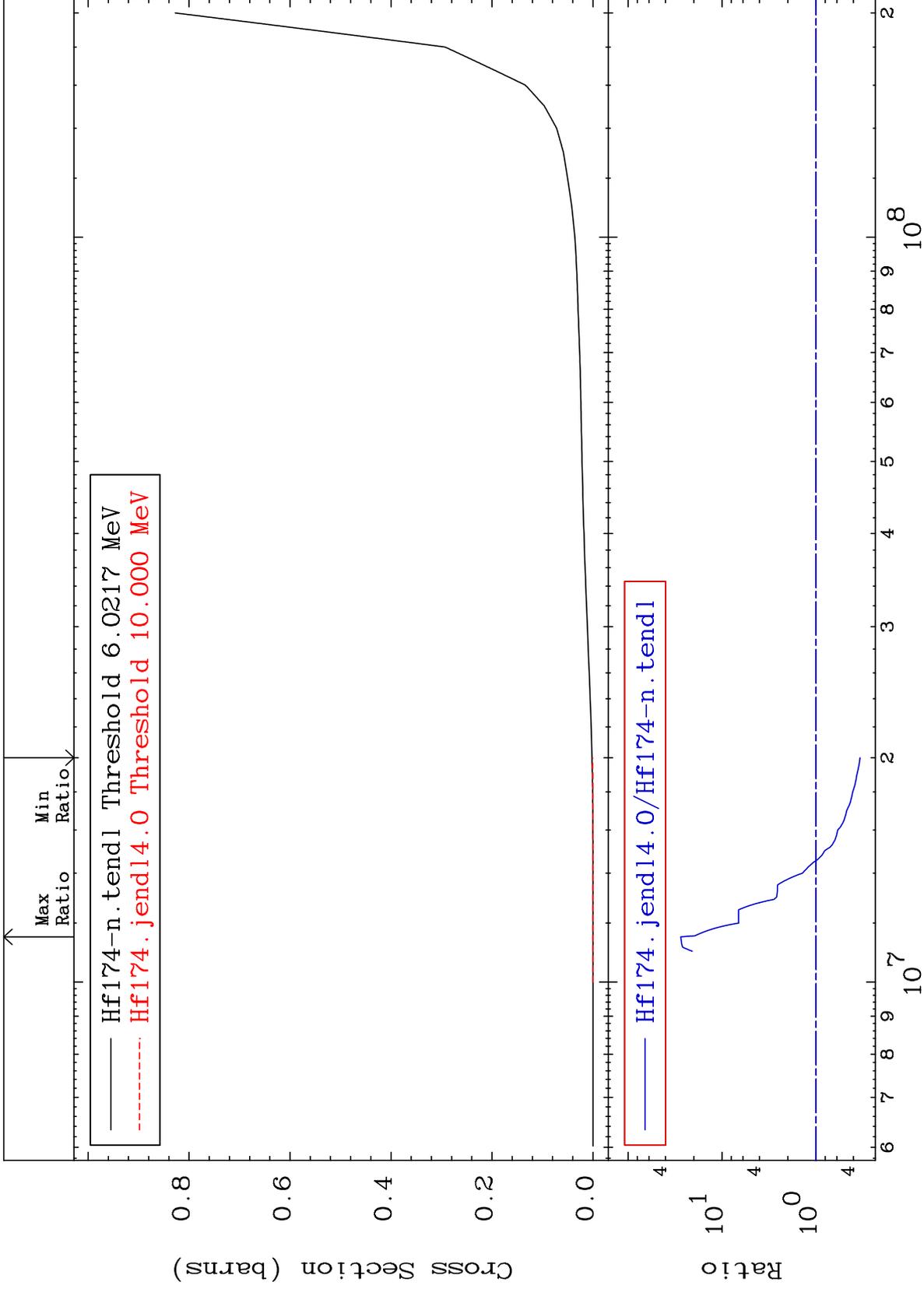
45

Incident Energy (eV)

72-Hf-174



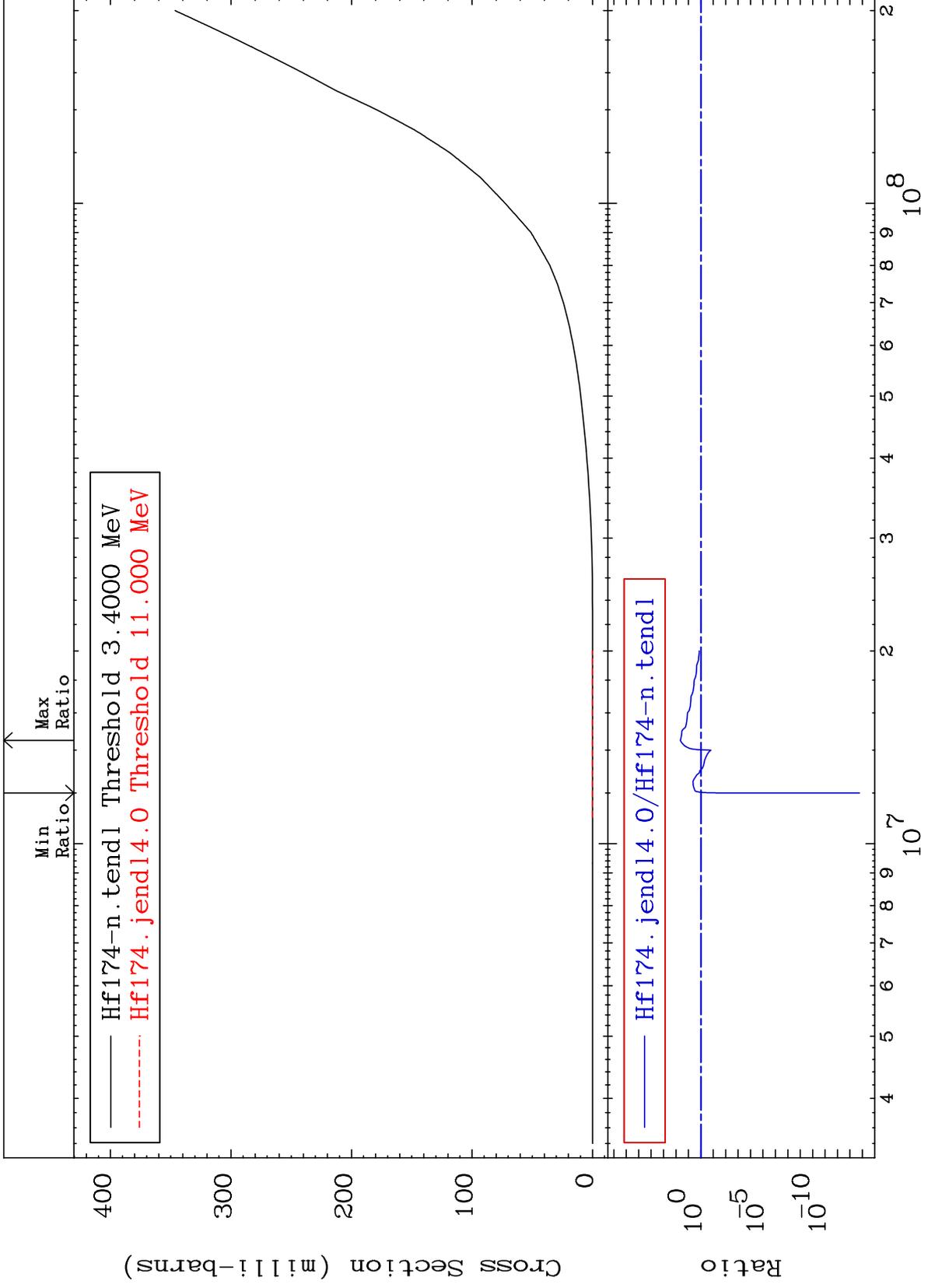




MAT 7225

He-3 Production
Cross Section

⁷²Hf-174
-100.0 To 4391. %



49

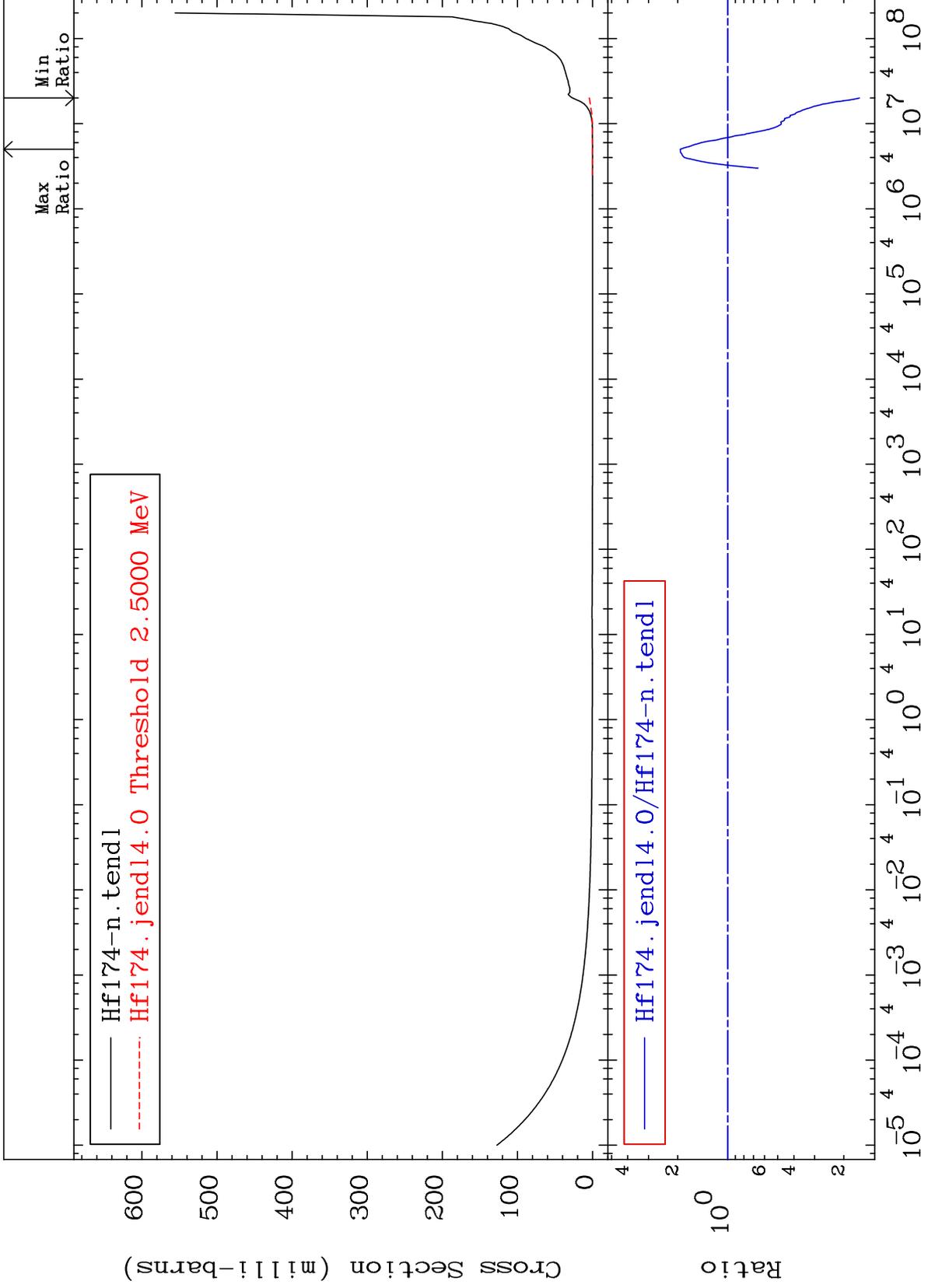
Incident Energy (eV)

⁷²Hf-174

MAT 7225

He-4 Production
Cross Section

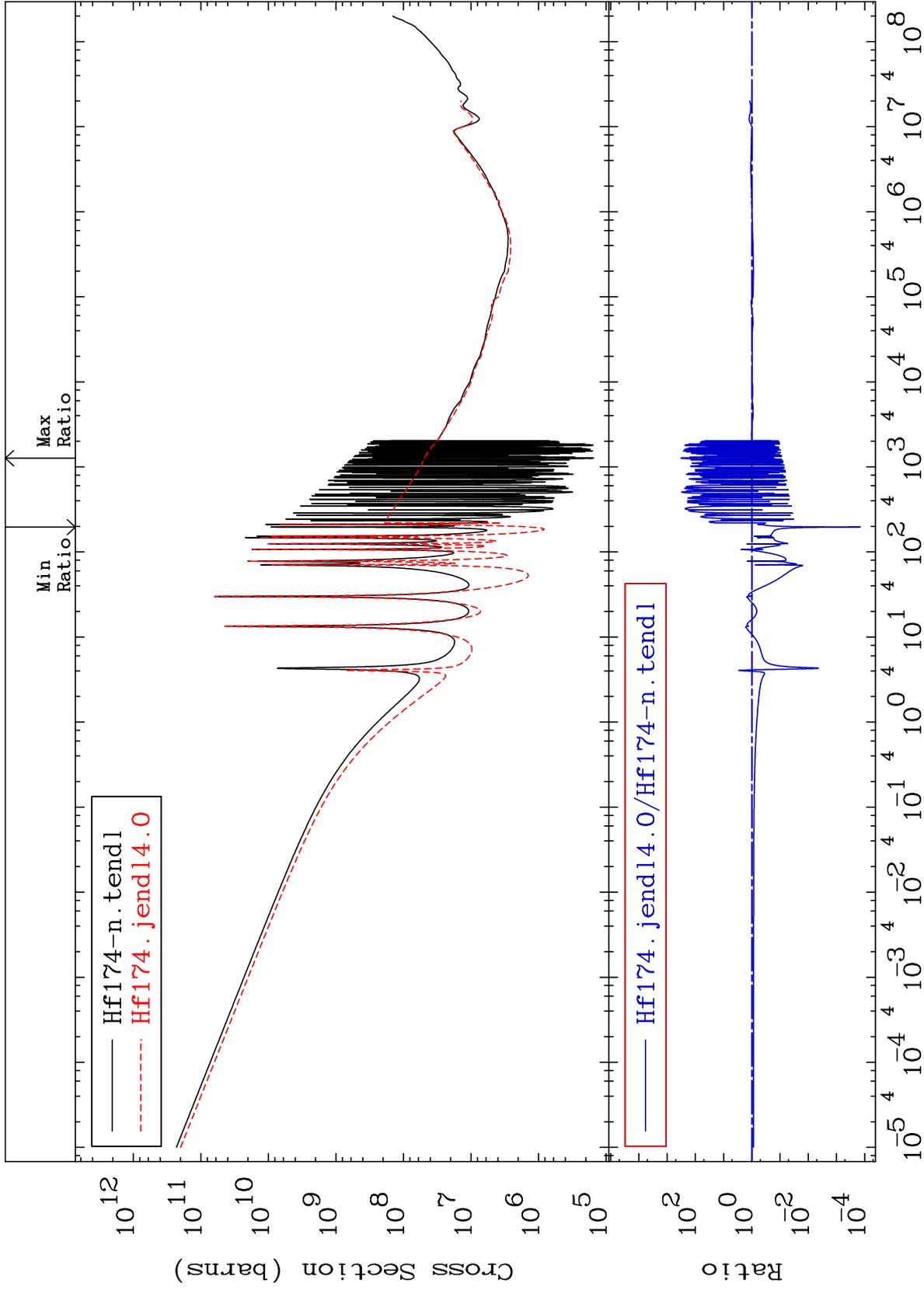
72-Hf-174
-83.89 To 93.01 %



50

Incident Energy (eV)

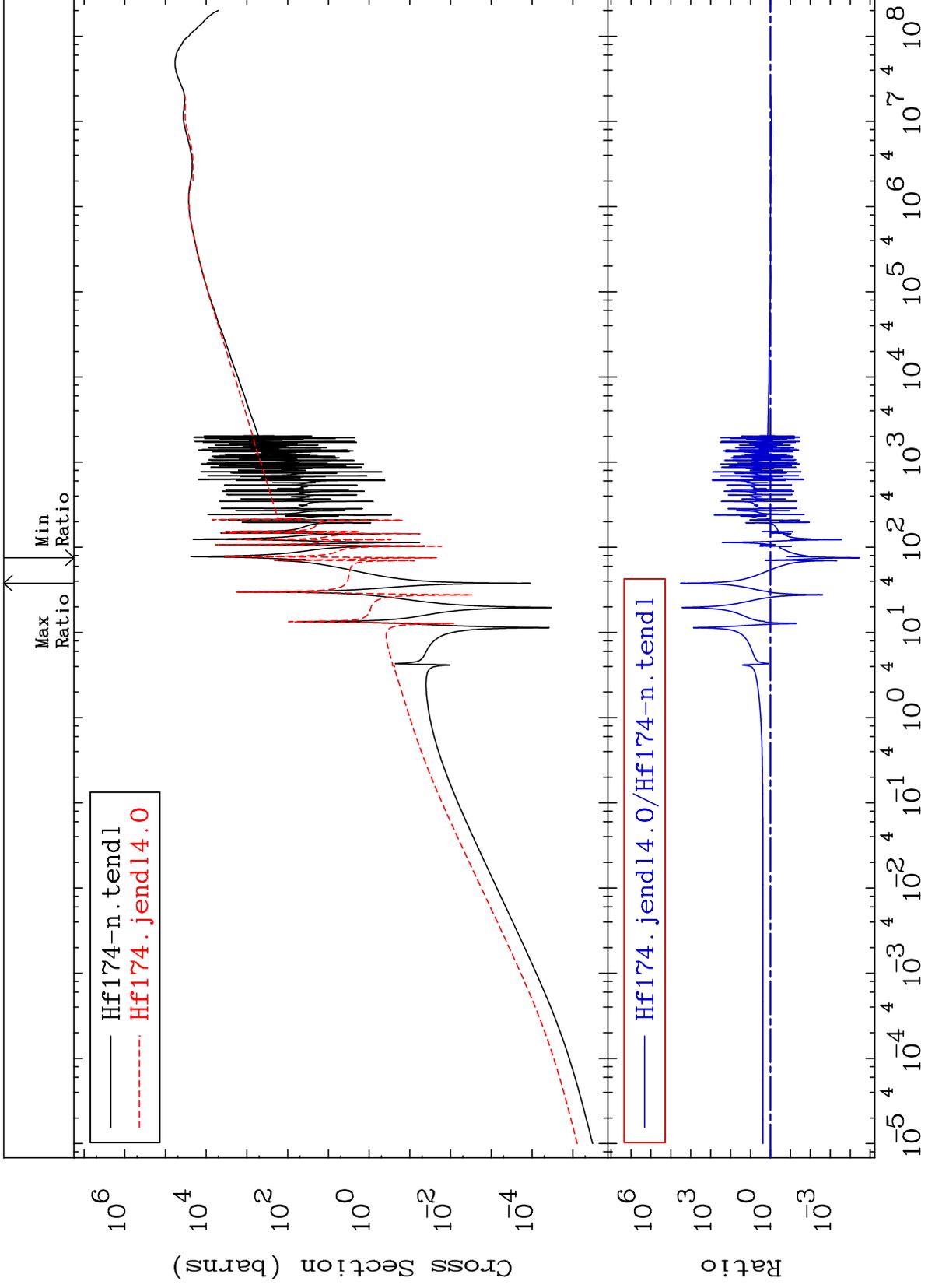
72-Hf-174



MAT 7225

Kerma elastic
Cross Section

⁷²Hf-174
-100.0 To 9999. %



52

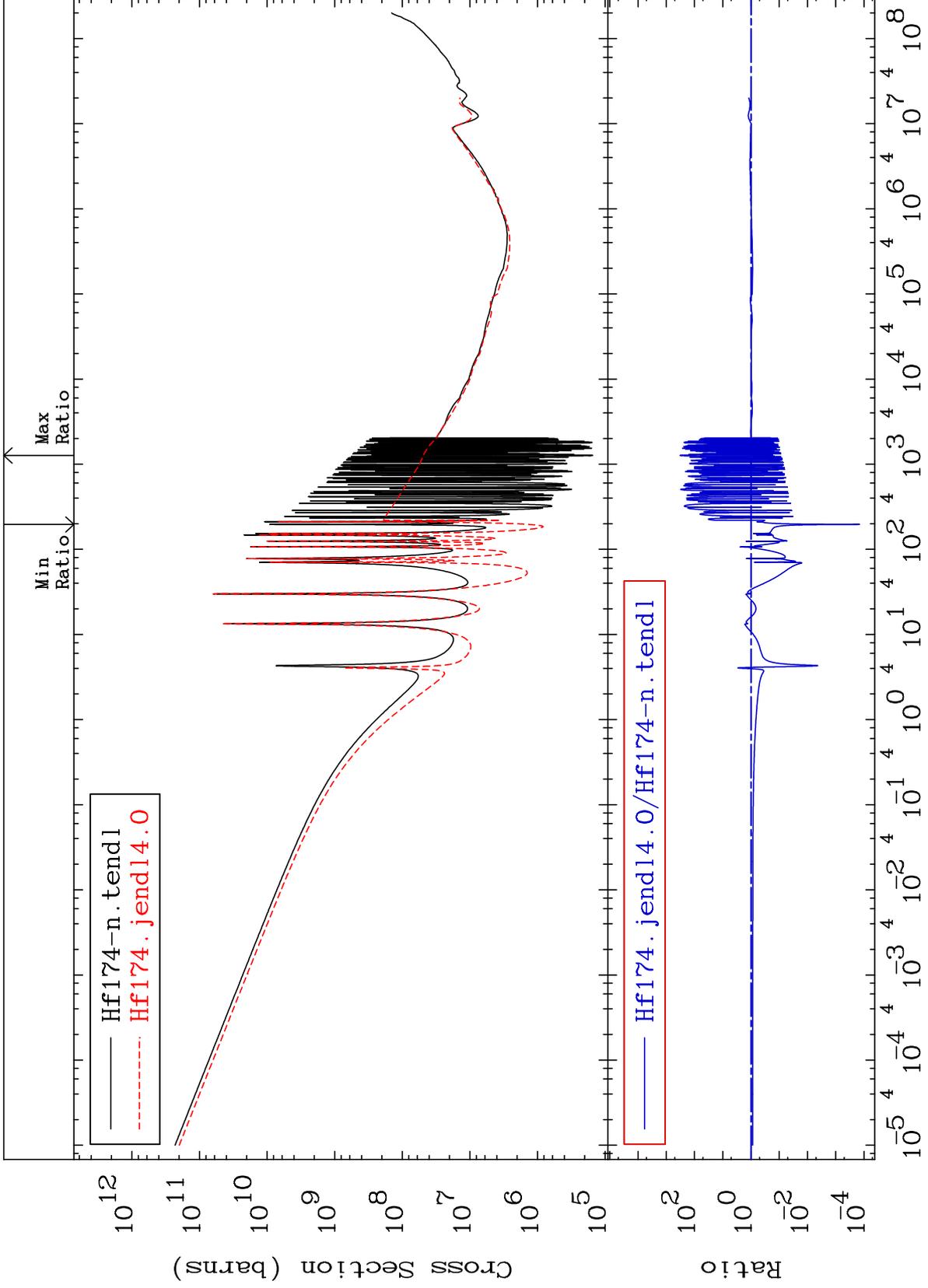
Incident Energy (eV)

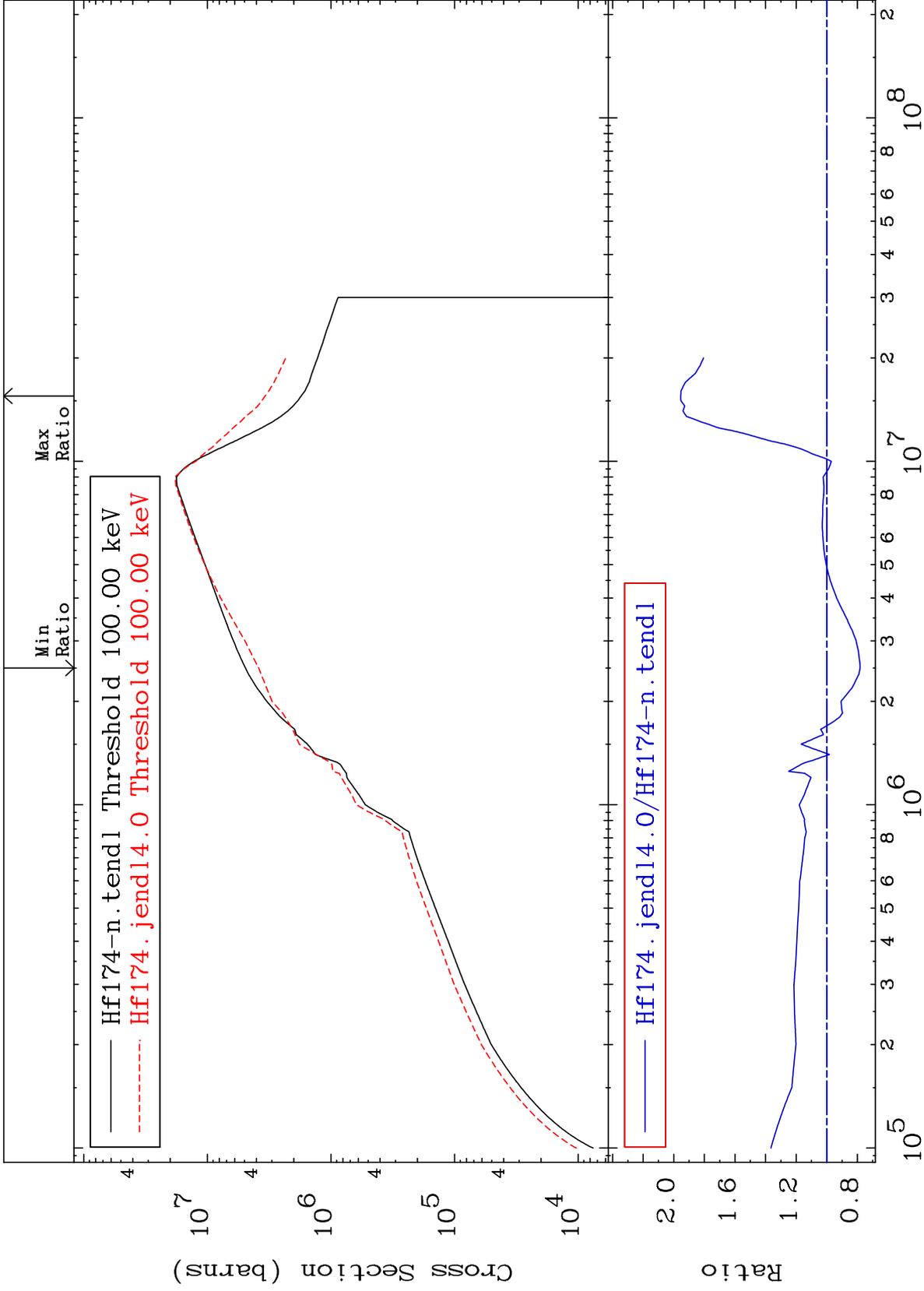
⁷²Hf-174

MAT 7225

Kerma non-elastic (all but mt2)
Cross Section

72-Hf-174
-99.99 To 9999. %

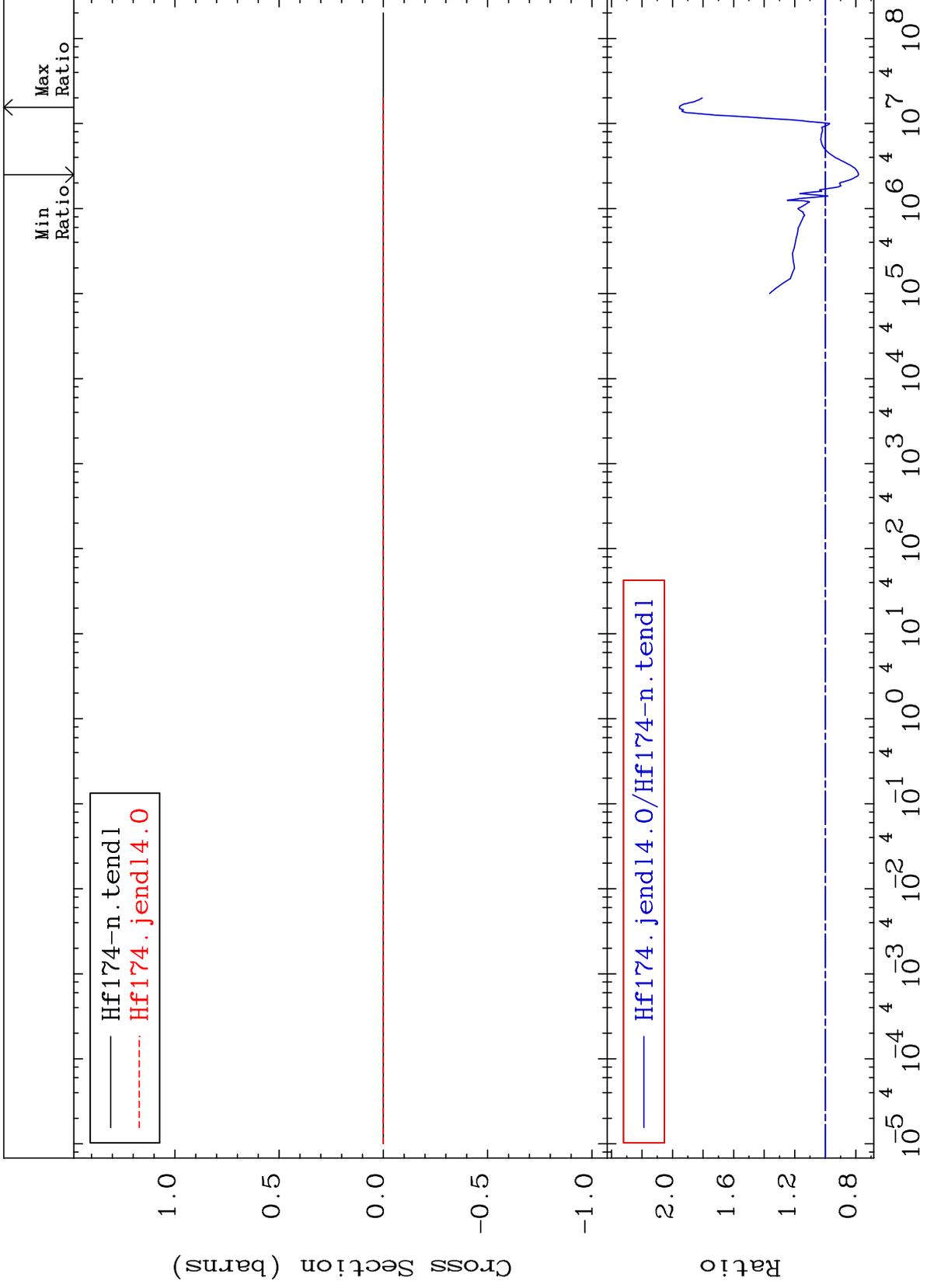


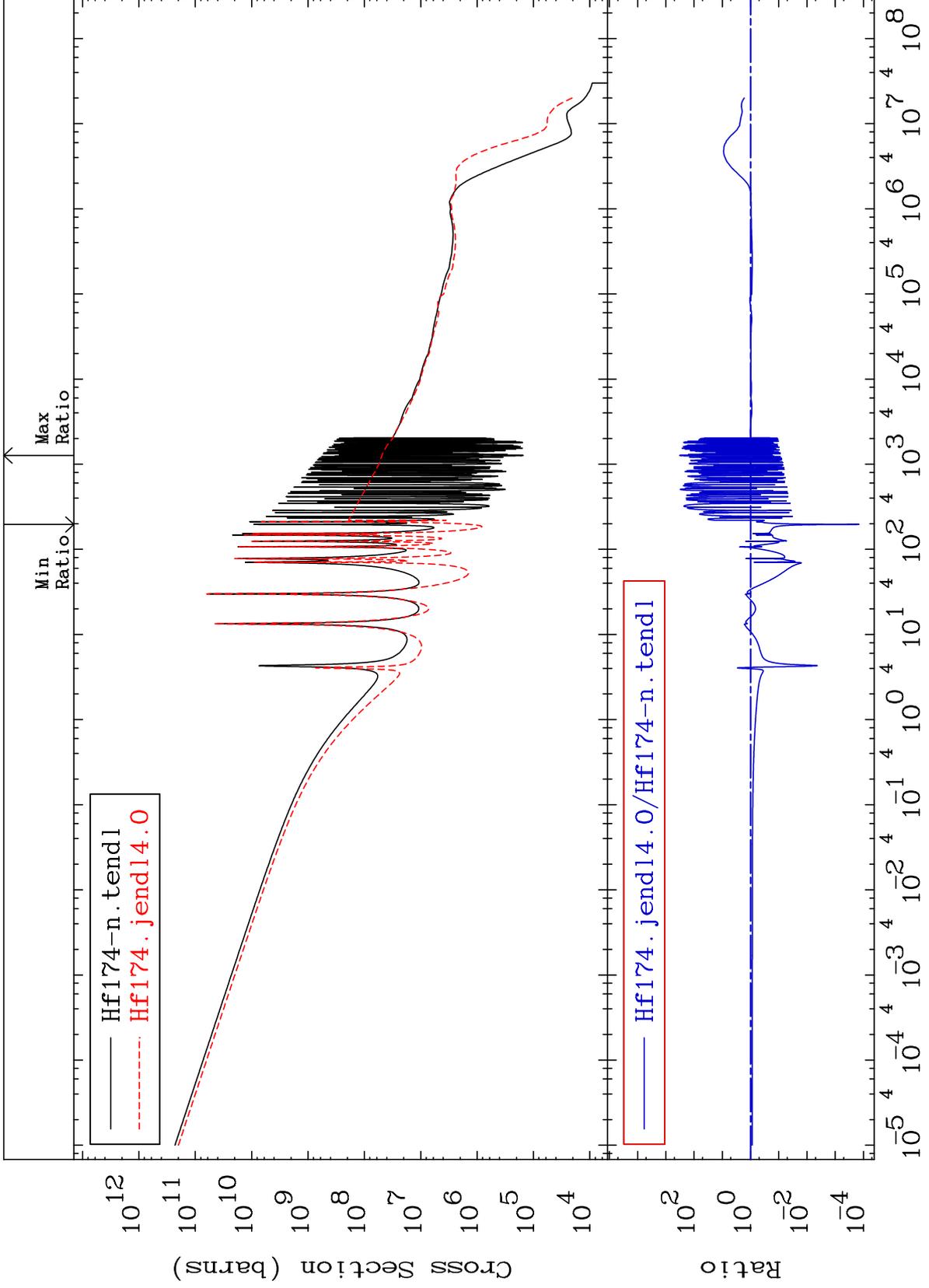


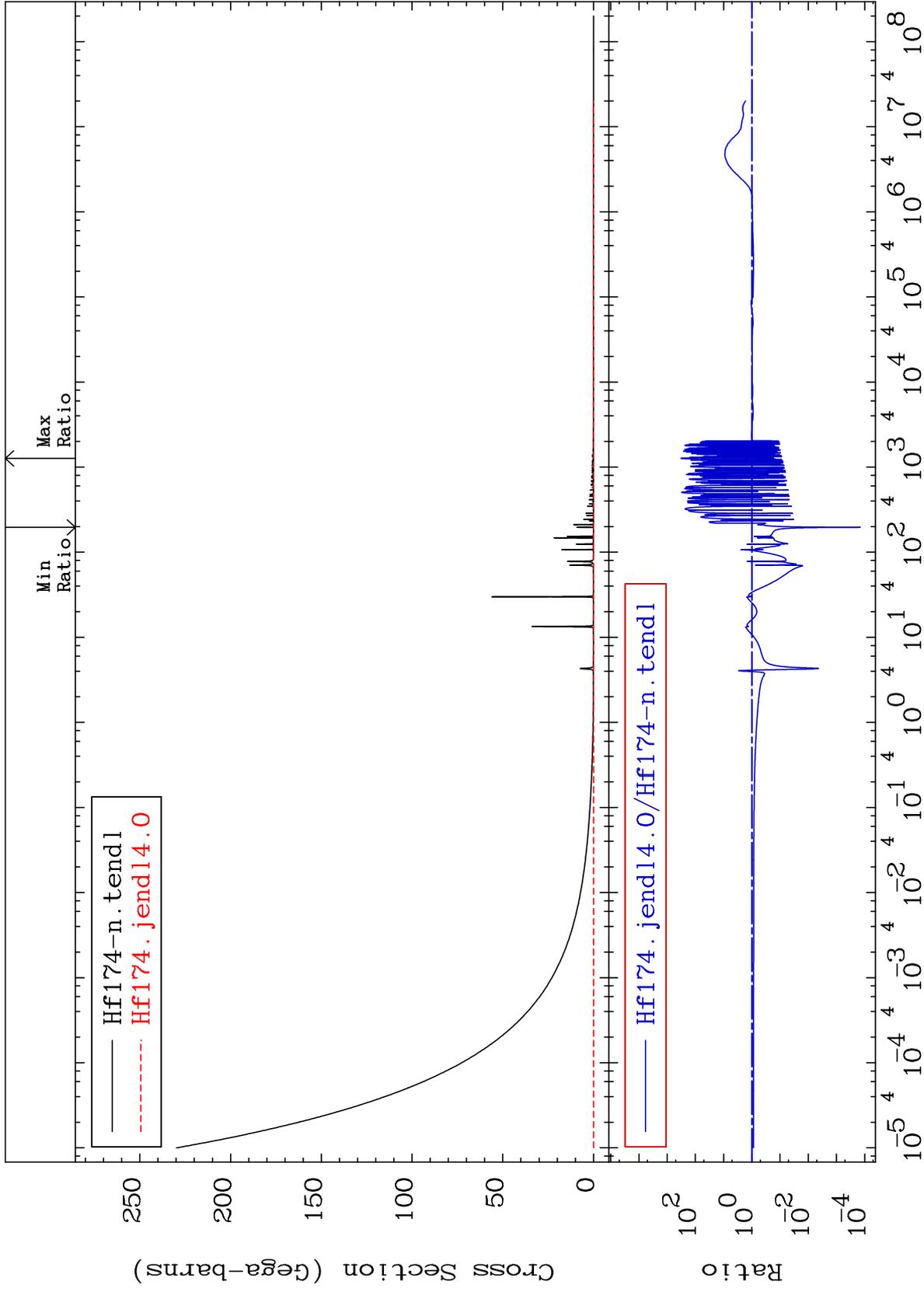
MAT 7225

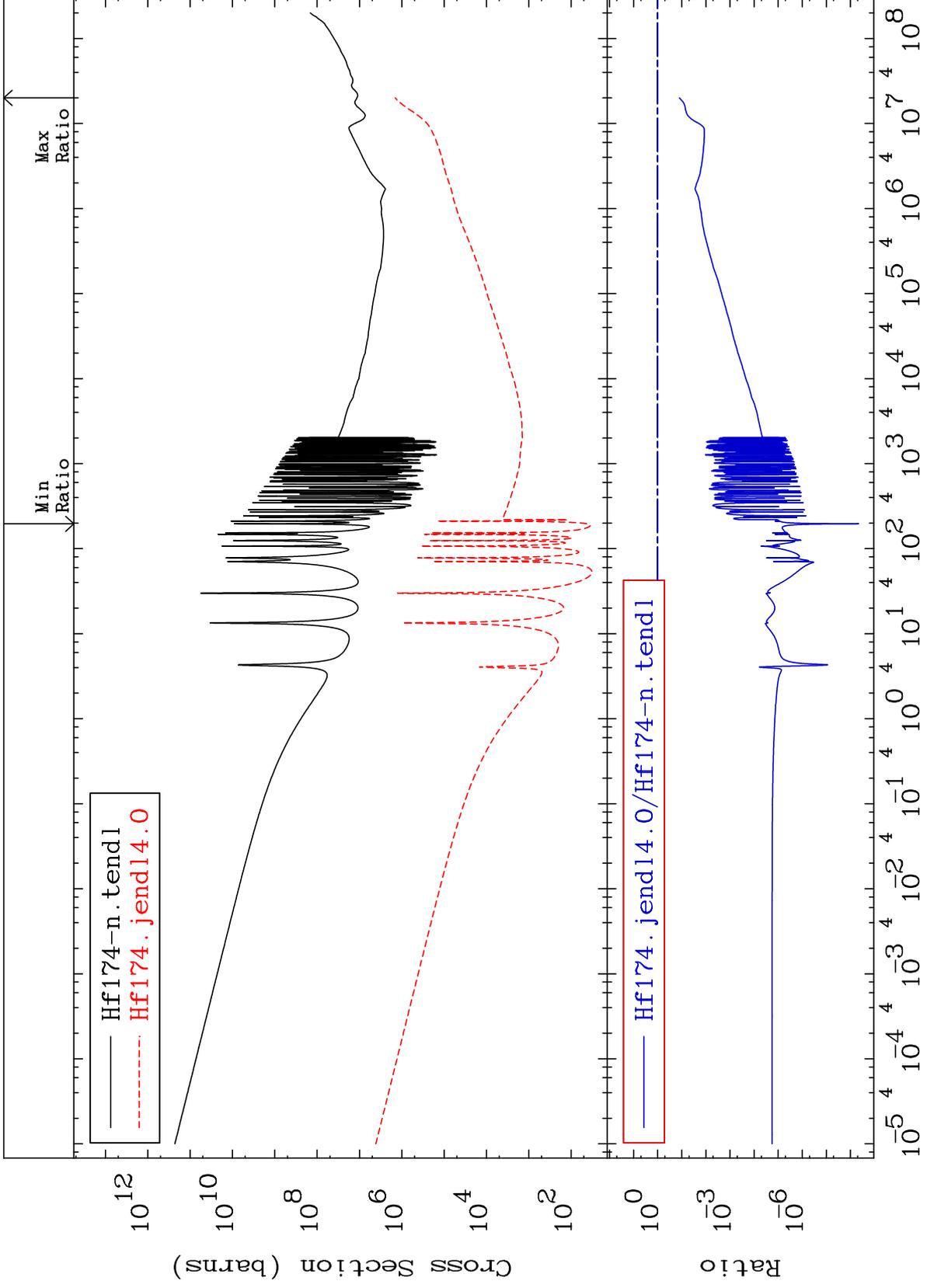
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

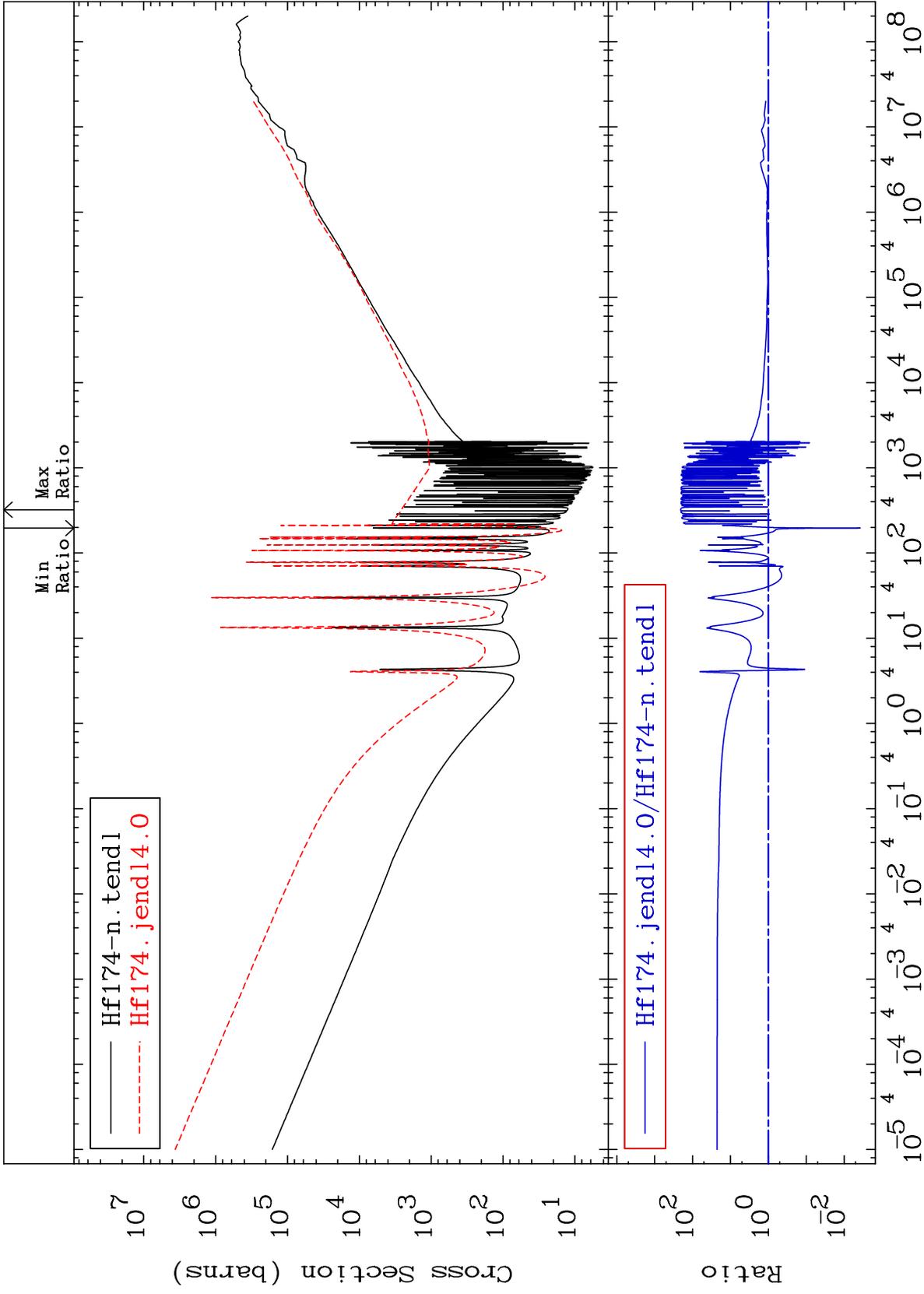
72-Hf-174
-21.76 To 95.43 %







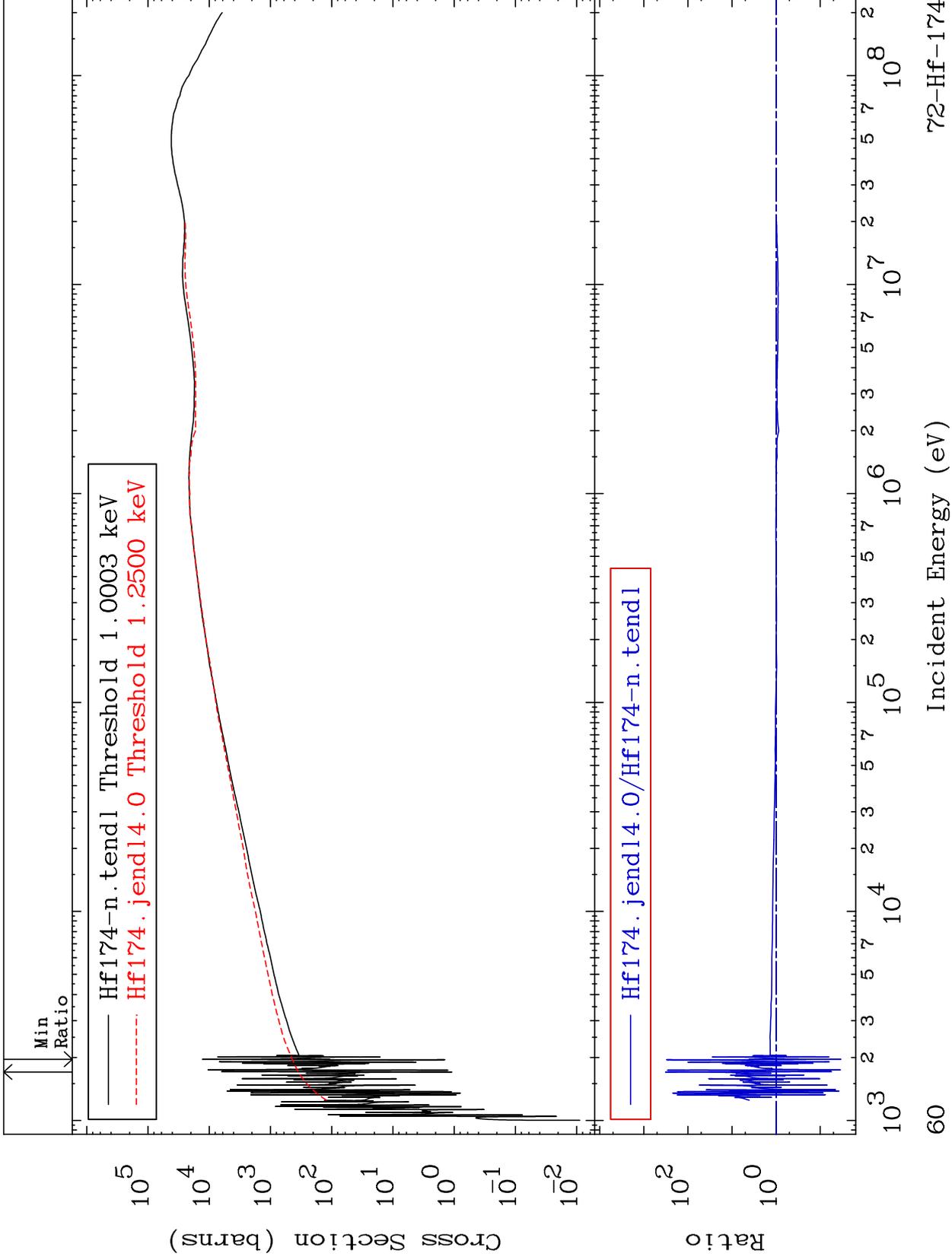




MAT 7225

Dpa elastic (mt2)
Cross Section

72-Hf-174
-96.59 To 9999. %



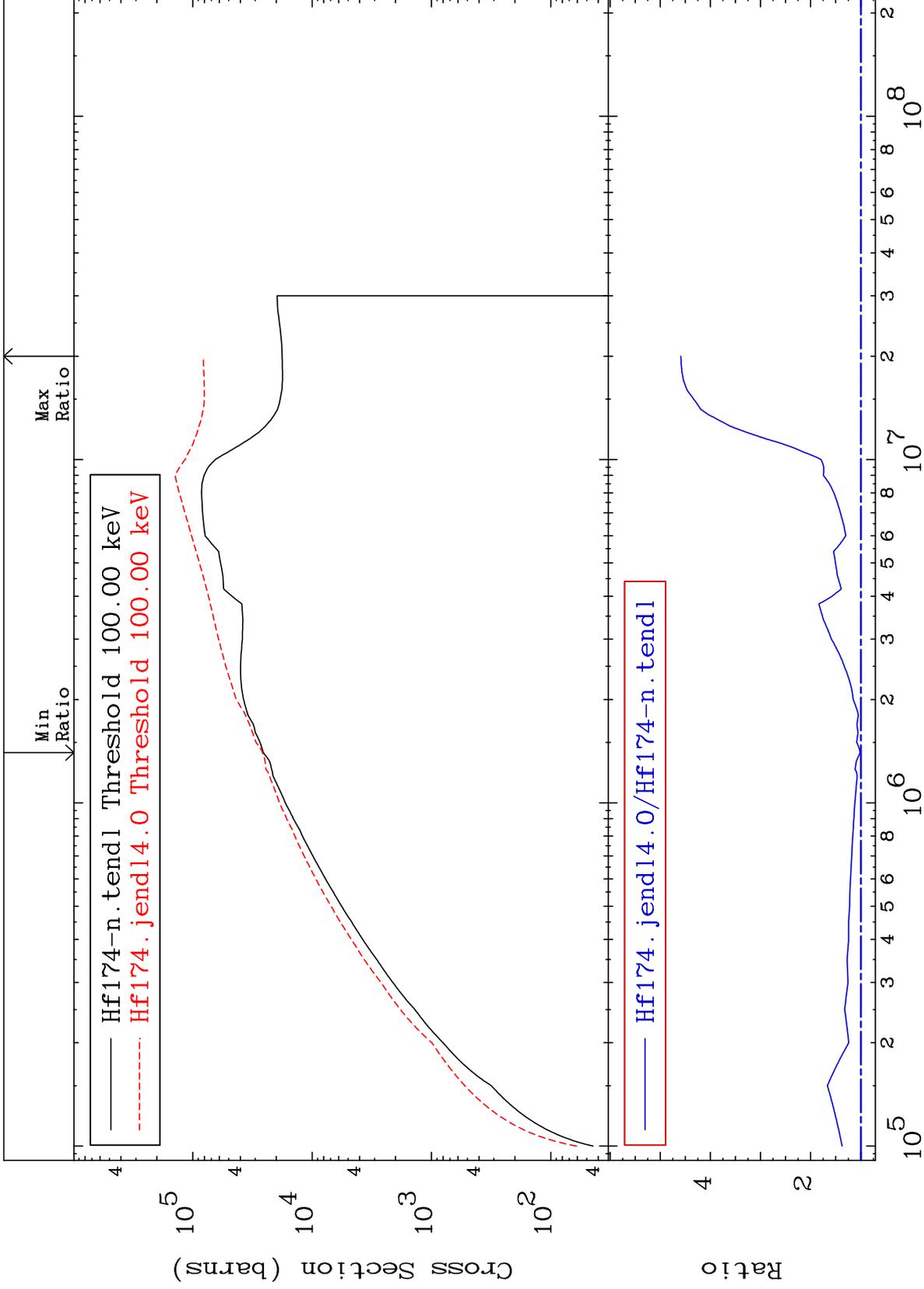
Incident Energy (eV)

72-Hf-174

MAT 7225

Dpa inelastic (mt51-91)
Cross Section

72-Hf-174
1.492 To 359.0 %



61

Incident Energy (eV)

72-Hf-174

MAT 7225

Dpa disappearance (mt102 -120)
Cross Section

72-Hf-174
-99.62 To 9999. %

