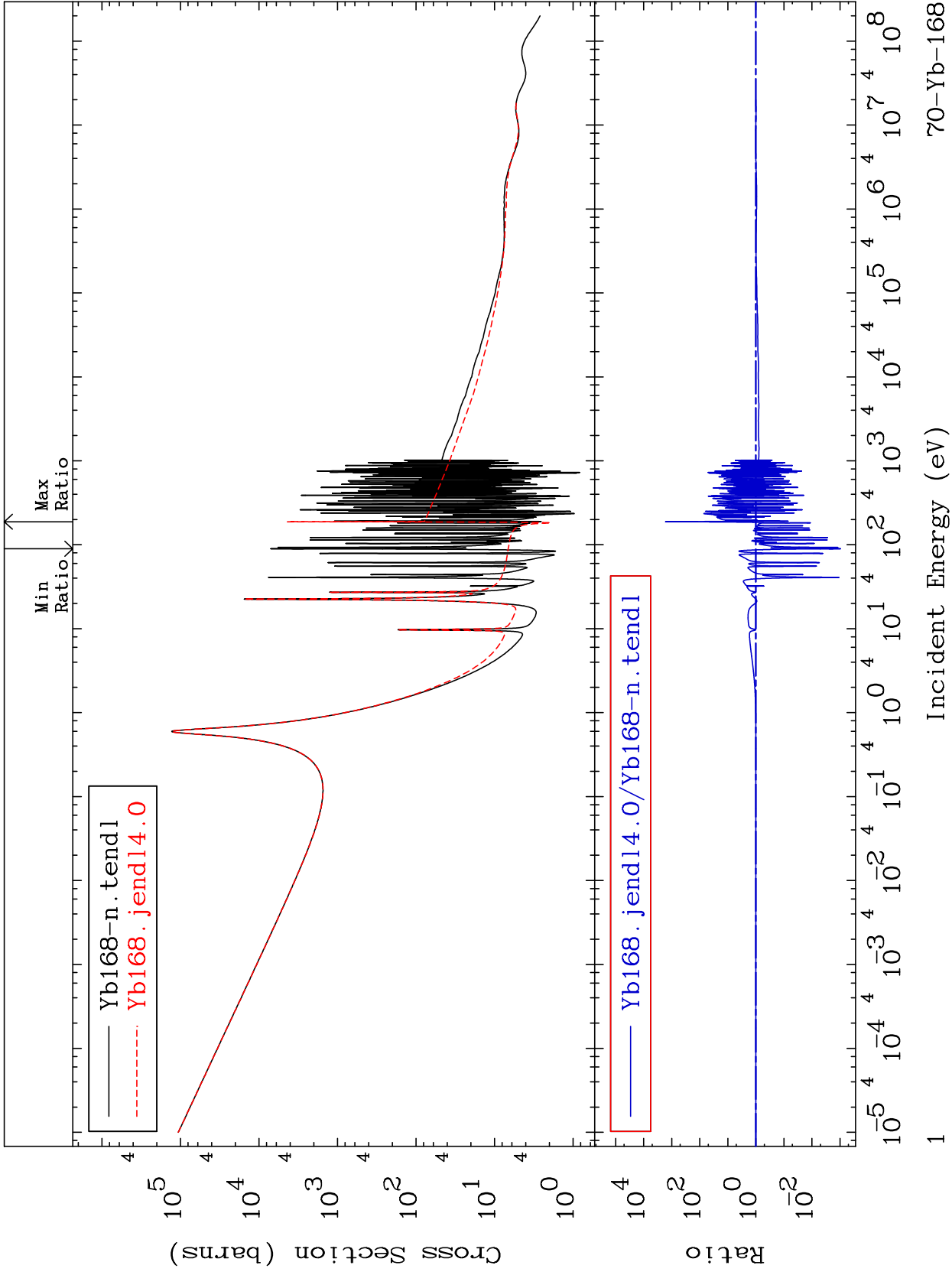


MAT 7025

Total Cross Section
70-Yb-168
-99.91 To 9999. %



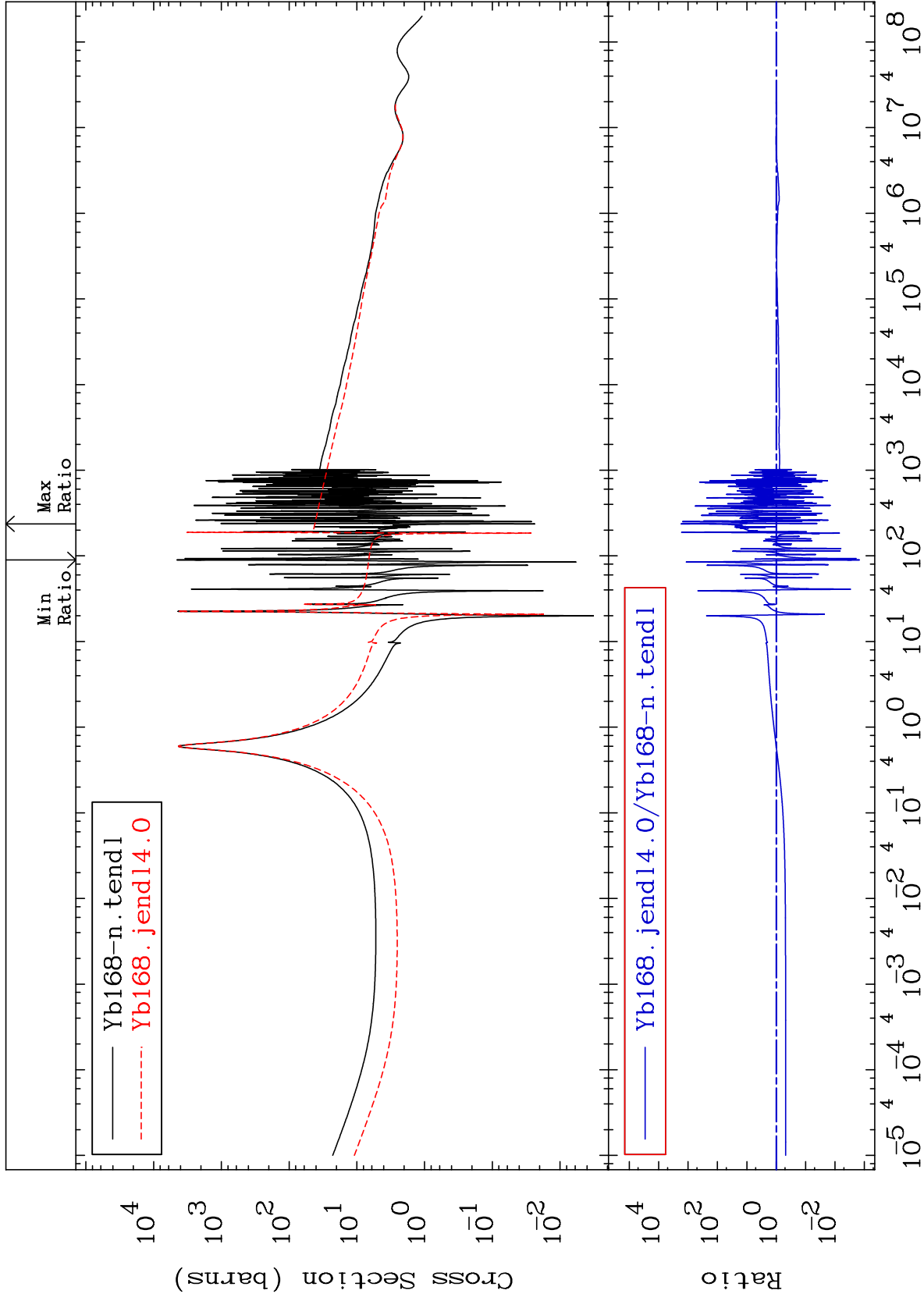
70-Yb-168

Incident Energy (eV)

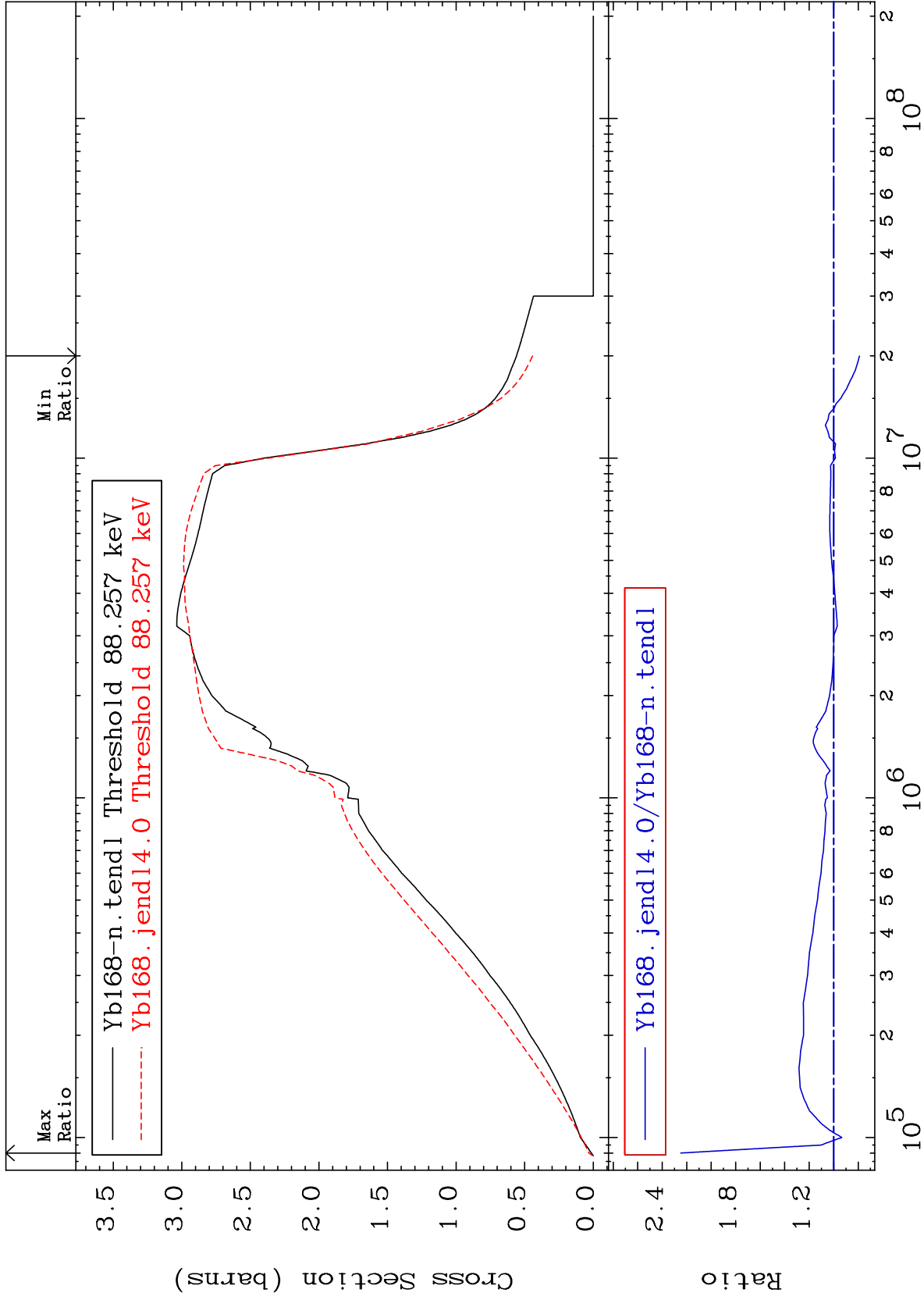
1

MAT 7025

Elastic Cross Section
70-Yb-168
-99.85 To 9999. %



MAT 7025 Inelastic Cross Section 70-Yb-168 -21.10 To 124.8 %

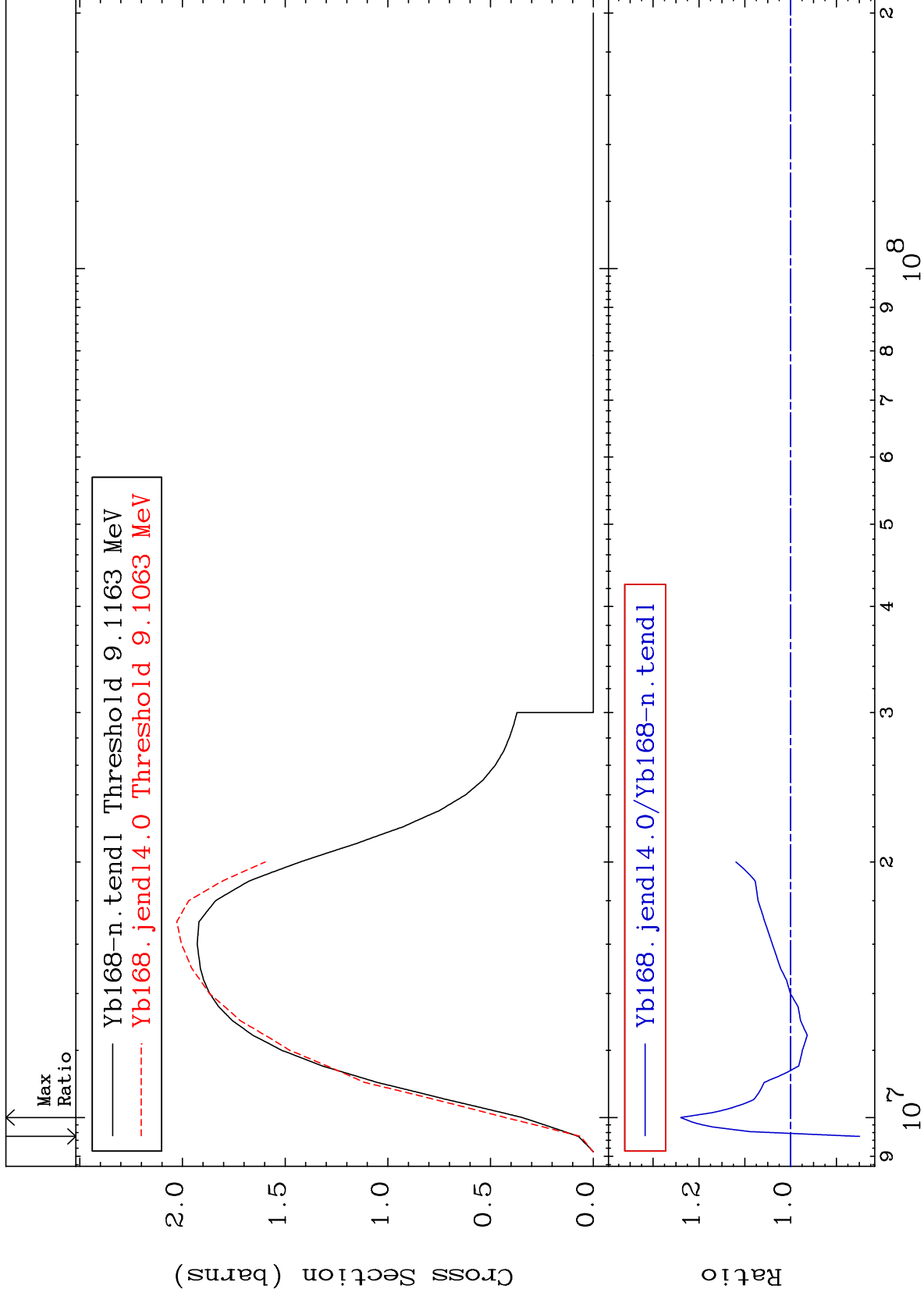


3 Incident Energy (eV) 70-Yb-168

MAT 7025

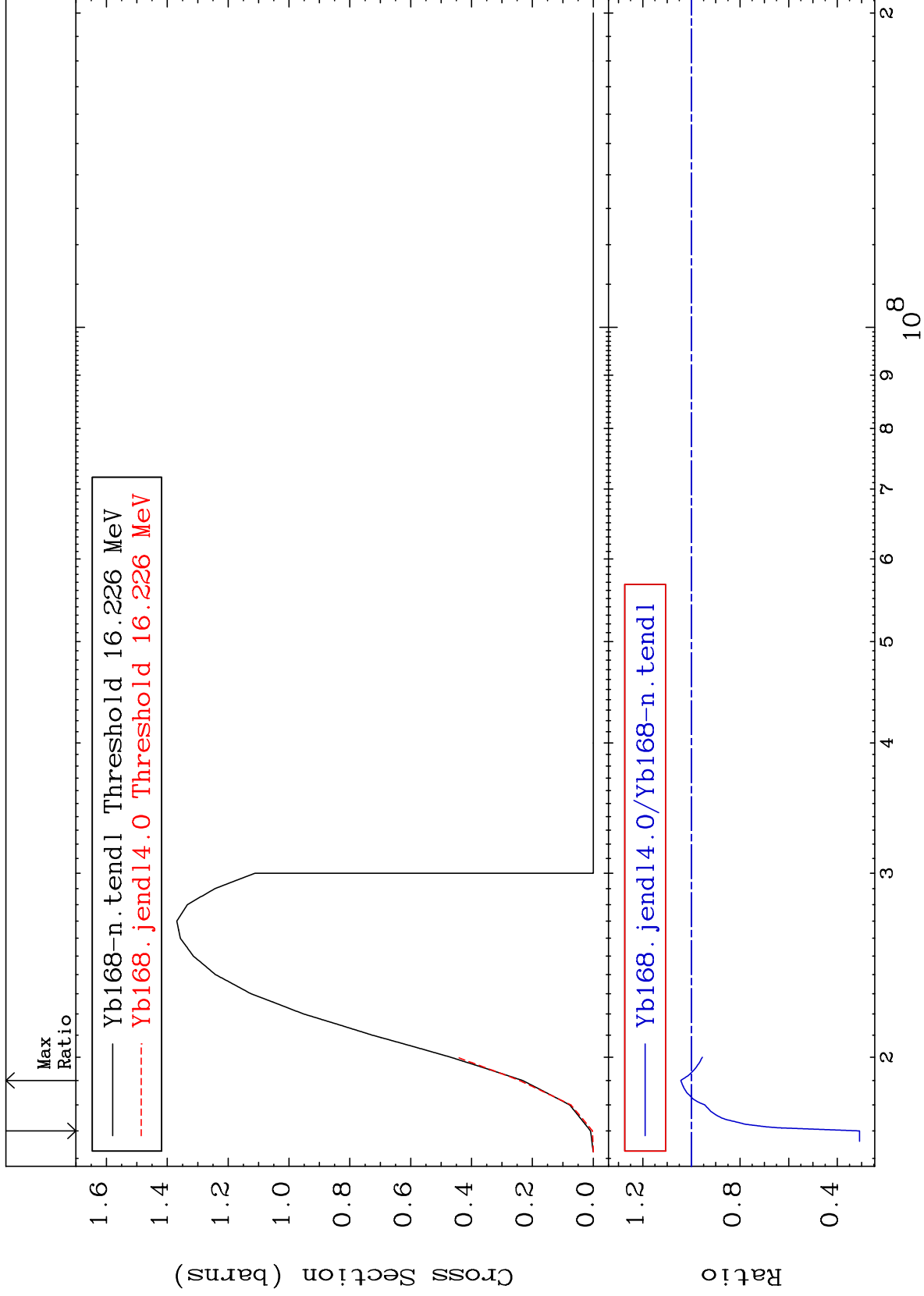
(n,2n)
Cross Section

⁷⁰Yb-168
-15.05 To 23.97 %



Incident Energy (eV)

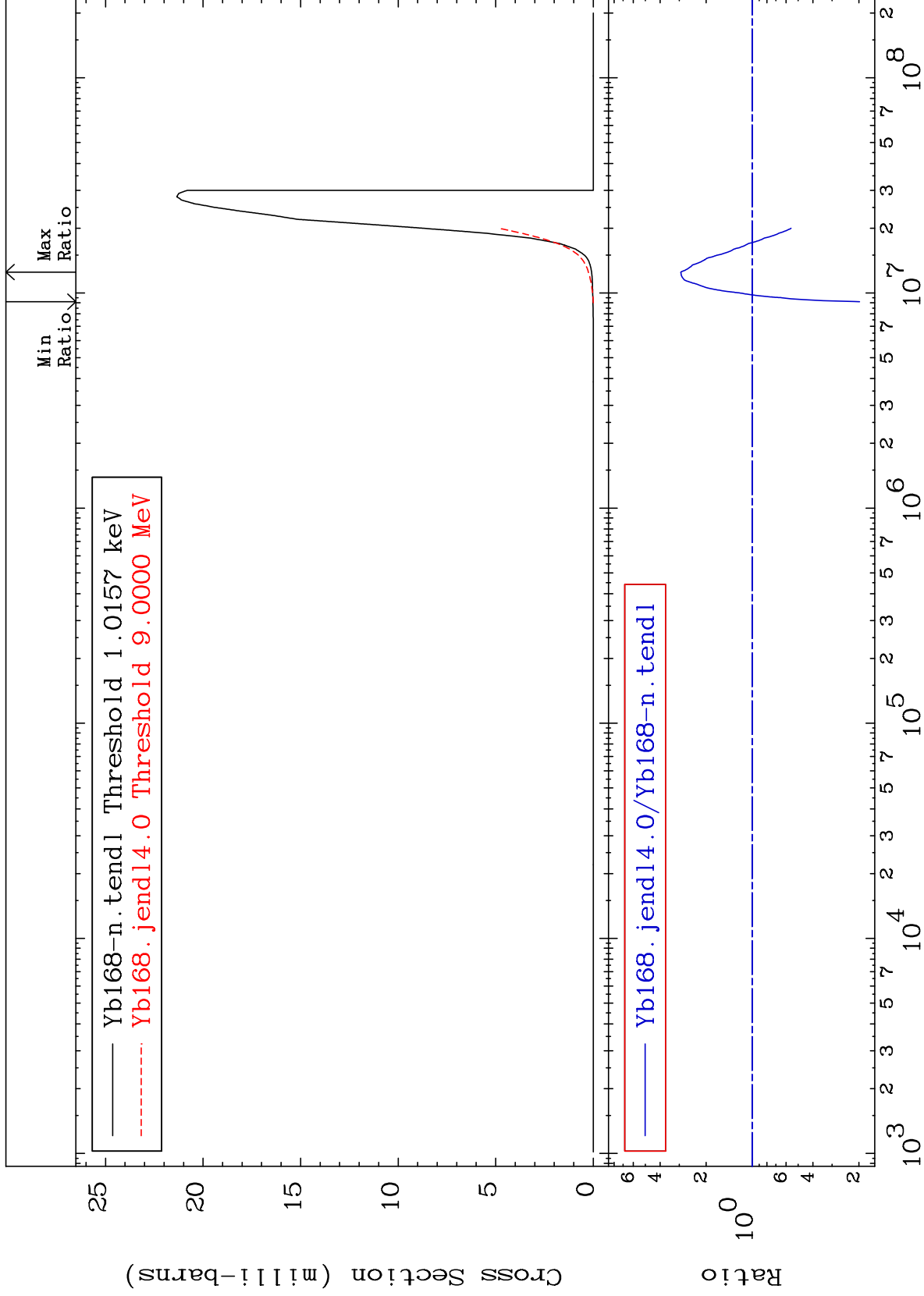
⁷⁰Yb-168



MAT 7025

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

70-Yb-168
-80.19 To 193.1 %

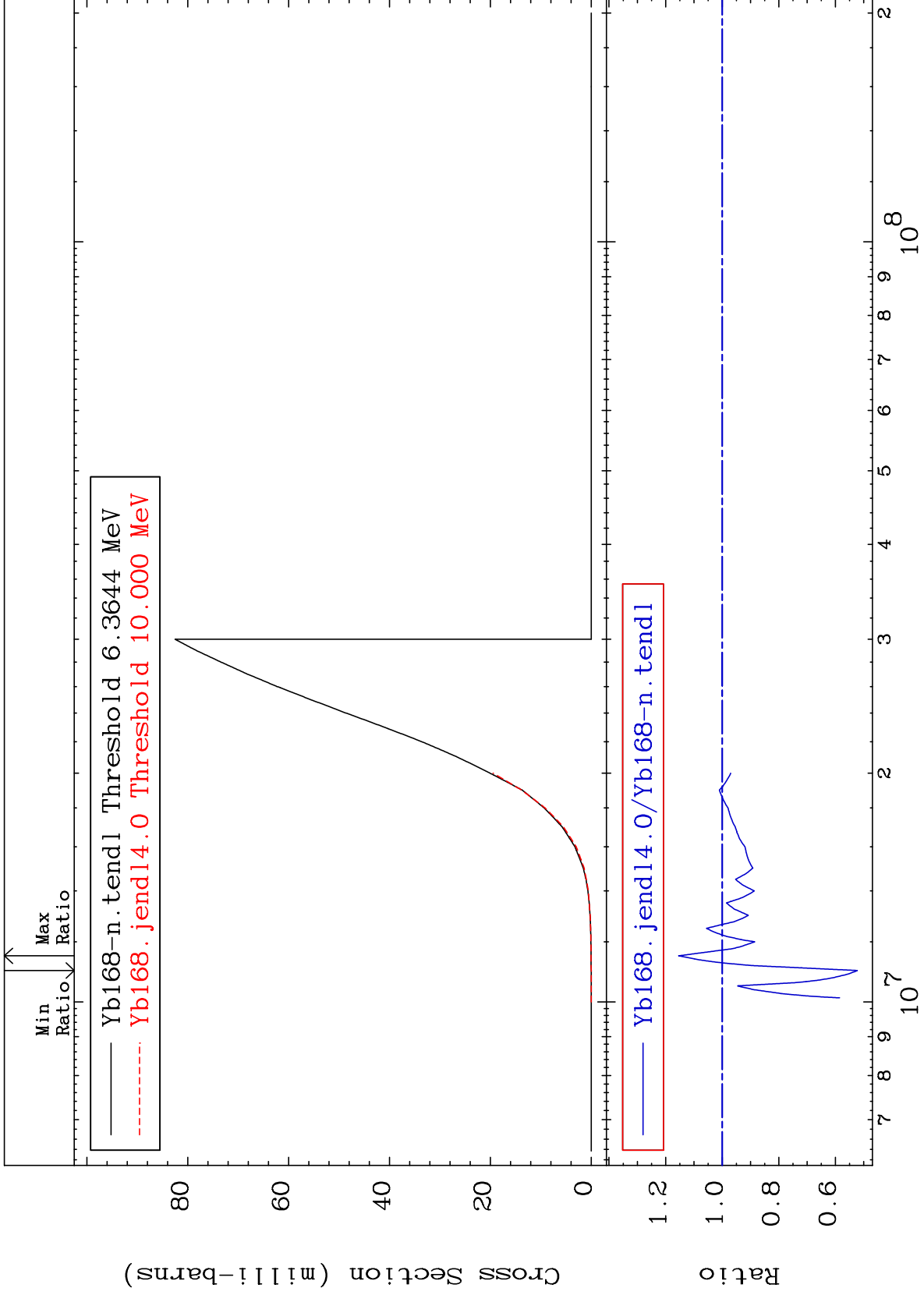


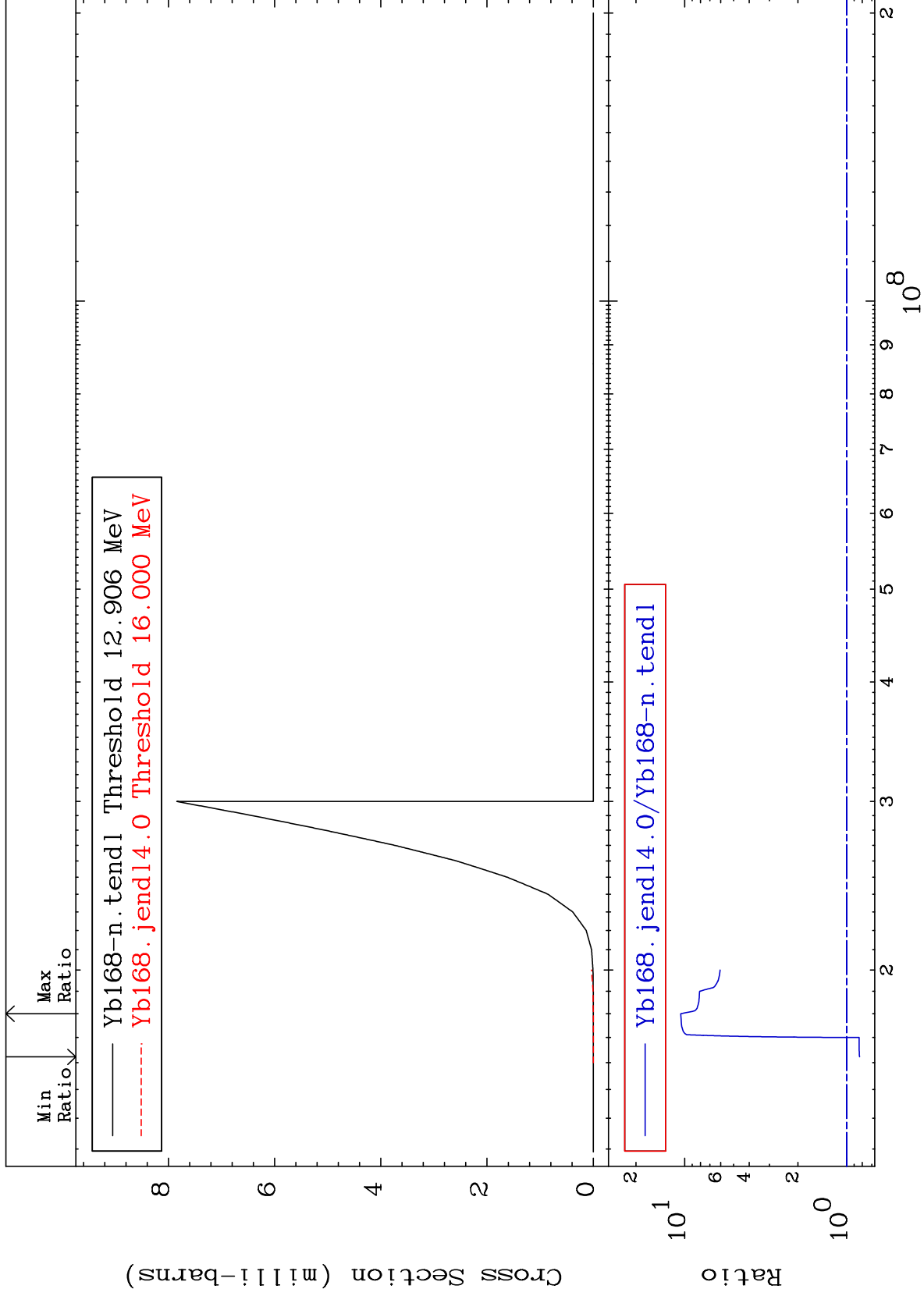
70-Yb-168

MAT 7025

(n,n') p
Cross Section

70-Yb-168
-47.71 To 15.40 %

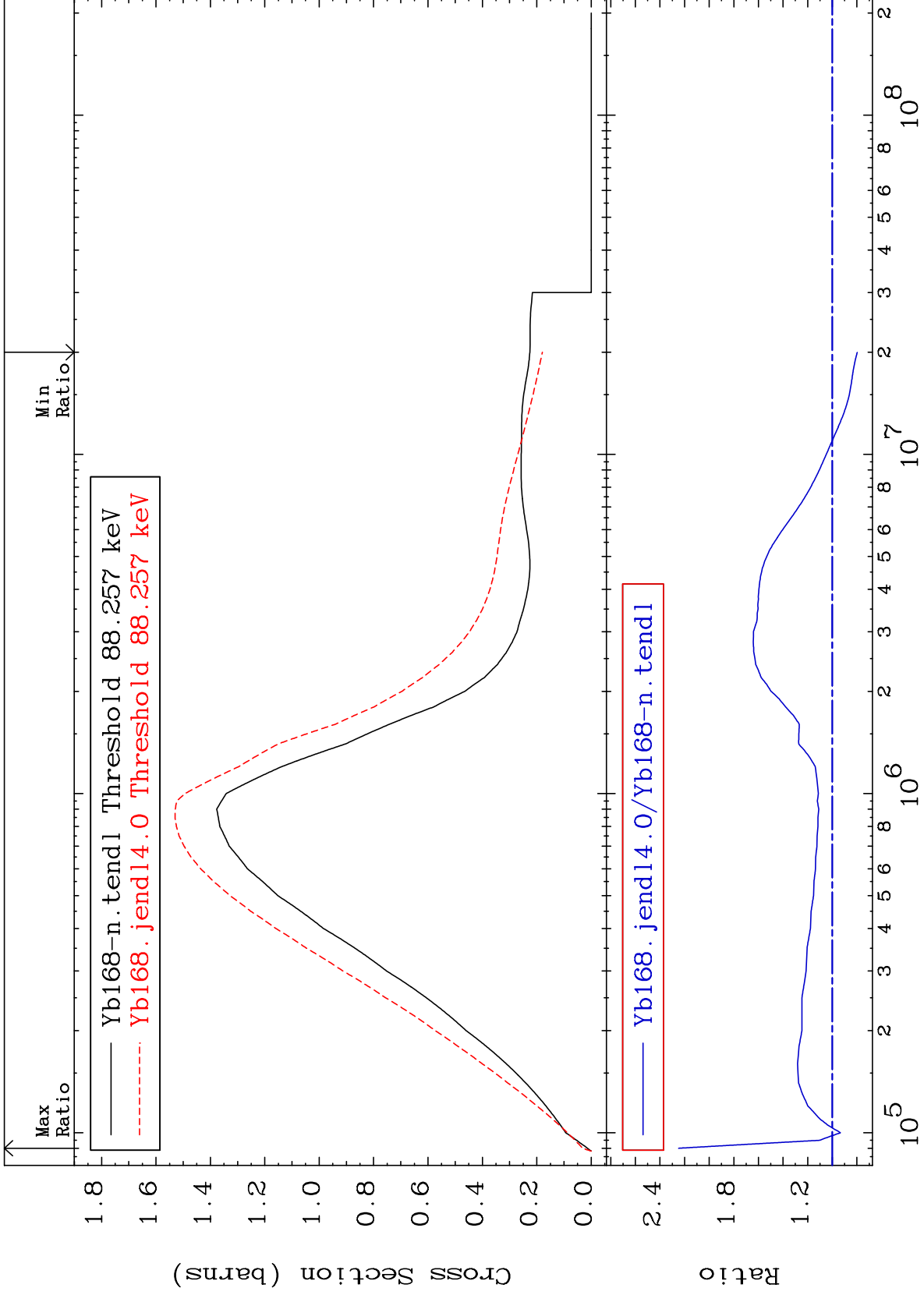




MAT 7025

87.73 keV (n,n') Level
Cross Section

70-Yb-168
-20.27 To 124.8 %



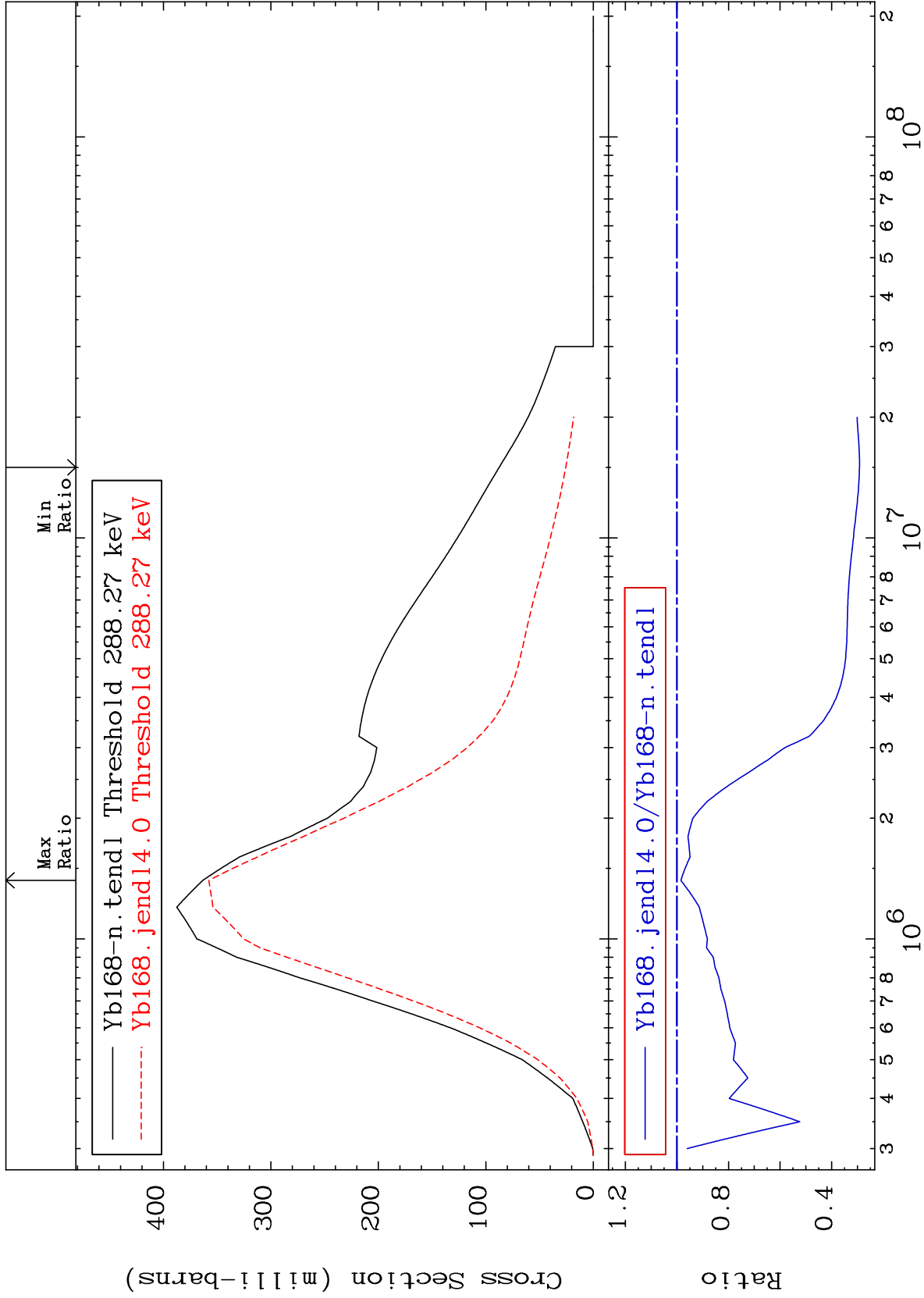
MAT 7025

286.6 keV (n,n') Level

70-Yb-168

-70.77 To -1.508%

Cross Section



10

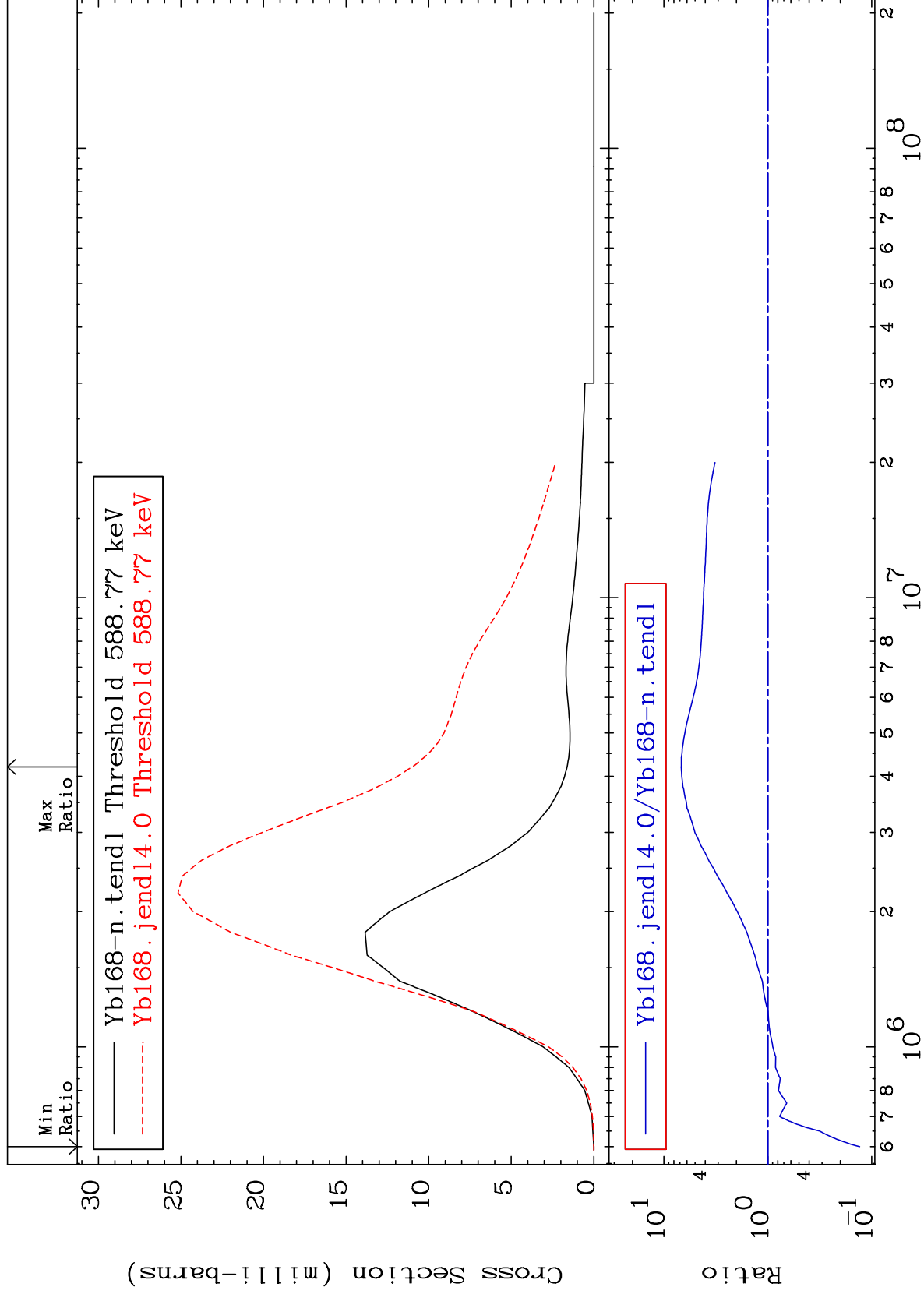
Incident Energy (eV)

70-Yb-168

MAT 7025

585.2 keV (n,n') Level
Cross Section

70-Yb-168
-86.96 To 580.6 %



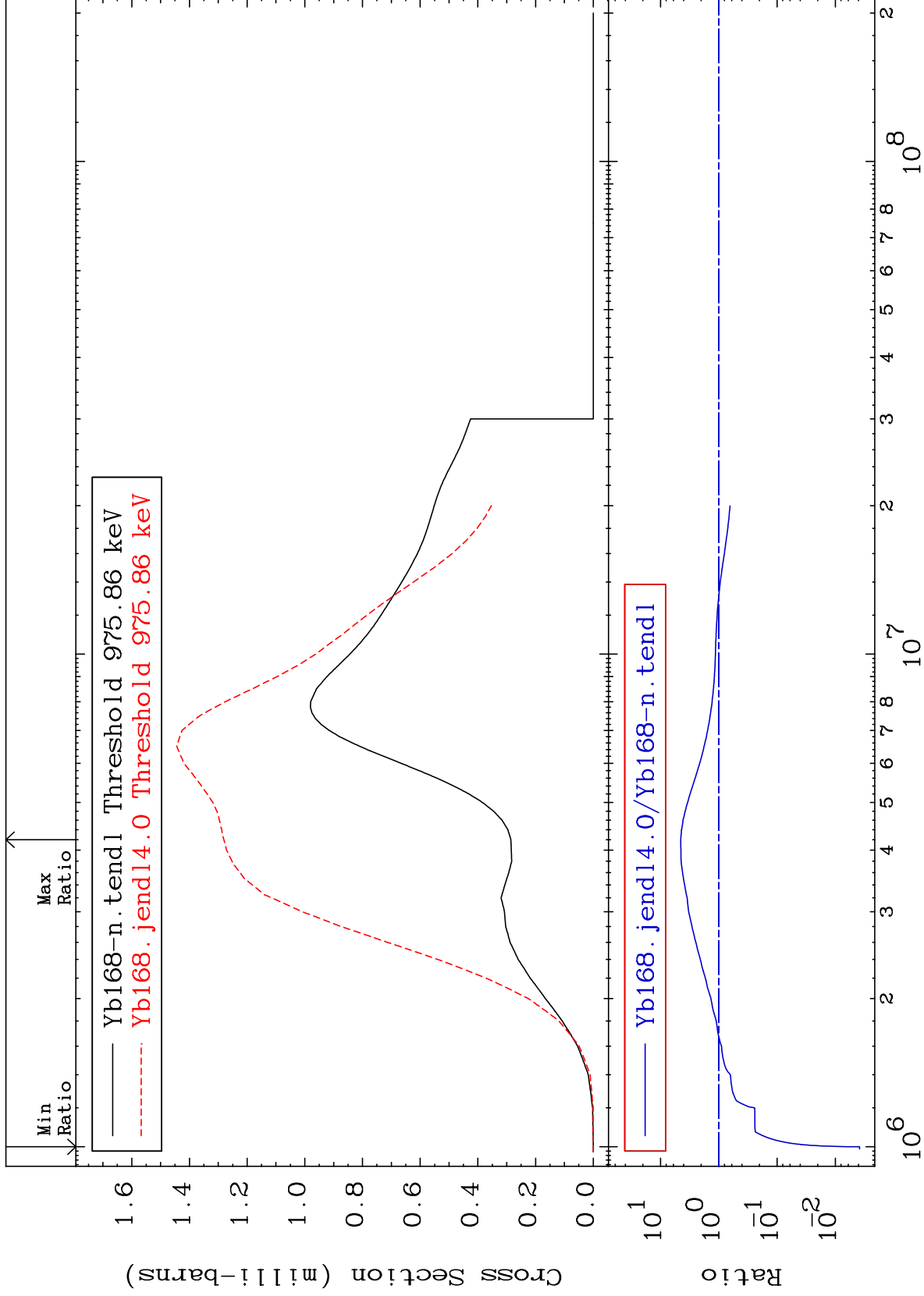
11

70-Yb-168

MAT 7025

970.0 keV (n,n') Level
Cross Section

70-Yb-168
-99.62 To 348.5 %



12

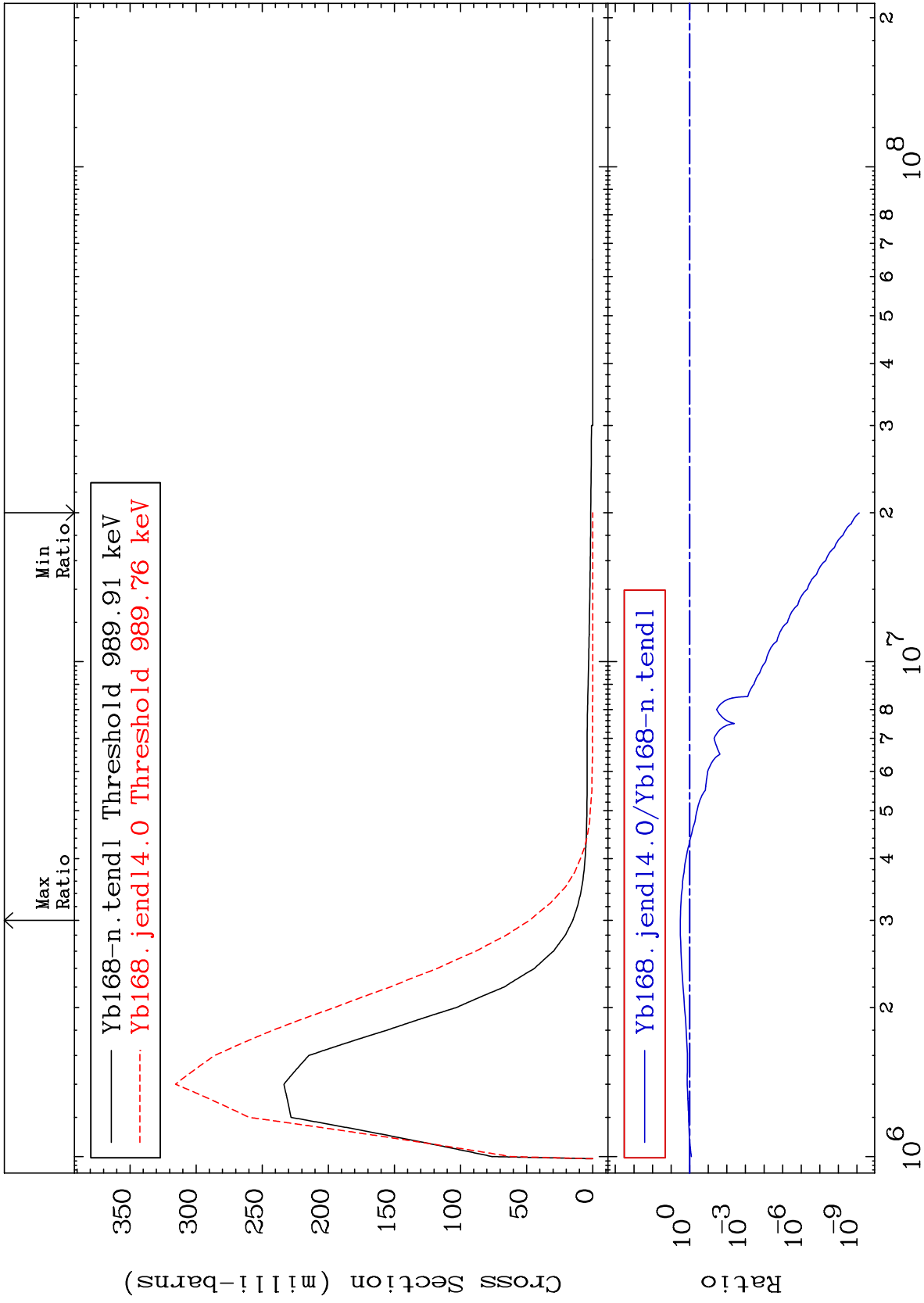
Incident Energy (eV)

70-Yb-168

MAT 7025

984.0 keV (n,n') Level
Cross Section

70-Yb-168
-100.0 To 217.8 %



13

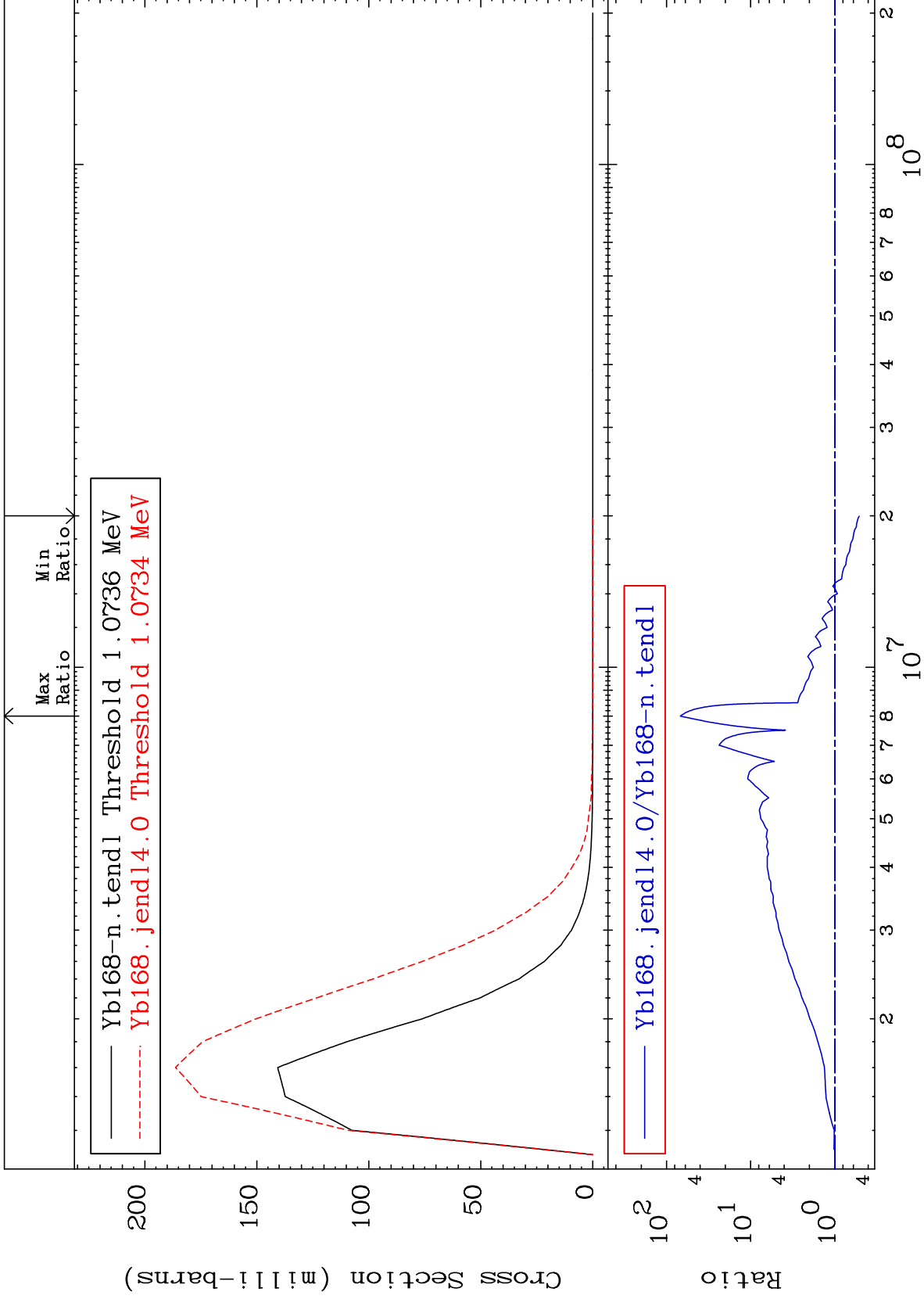
Incident Energy (eV)

70-Yb-168

MAT 7025

1.067 MeV (n,n') Level
Cross Section

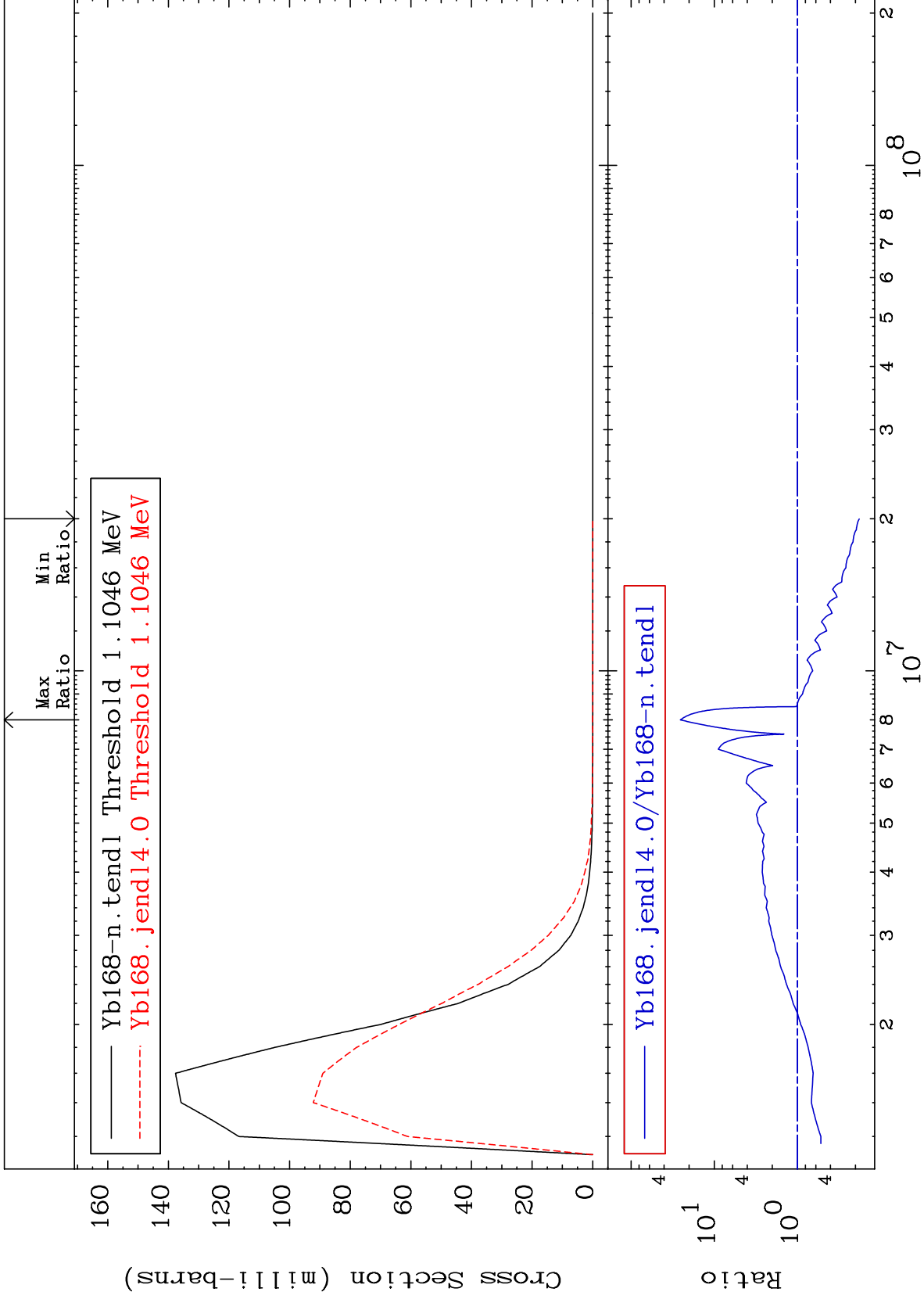
70-Yb-168
-49.13 To 6754. %

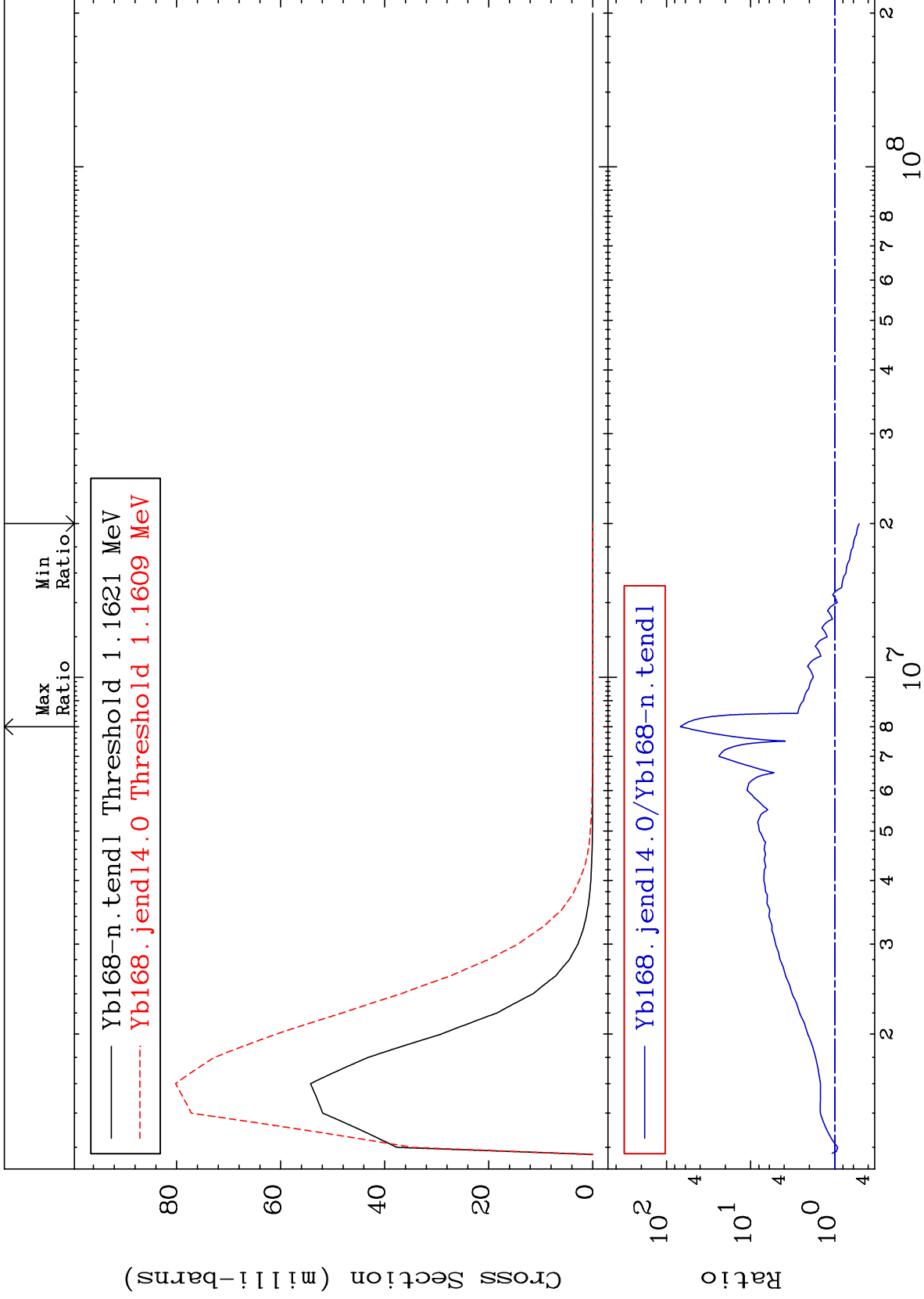


14

Incident Energy (eV)

70-Yb-168





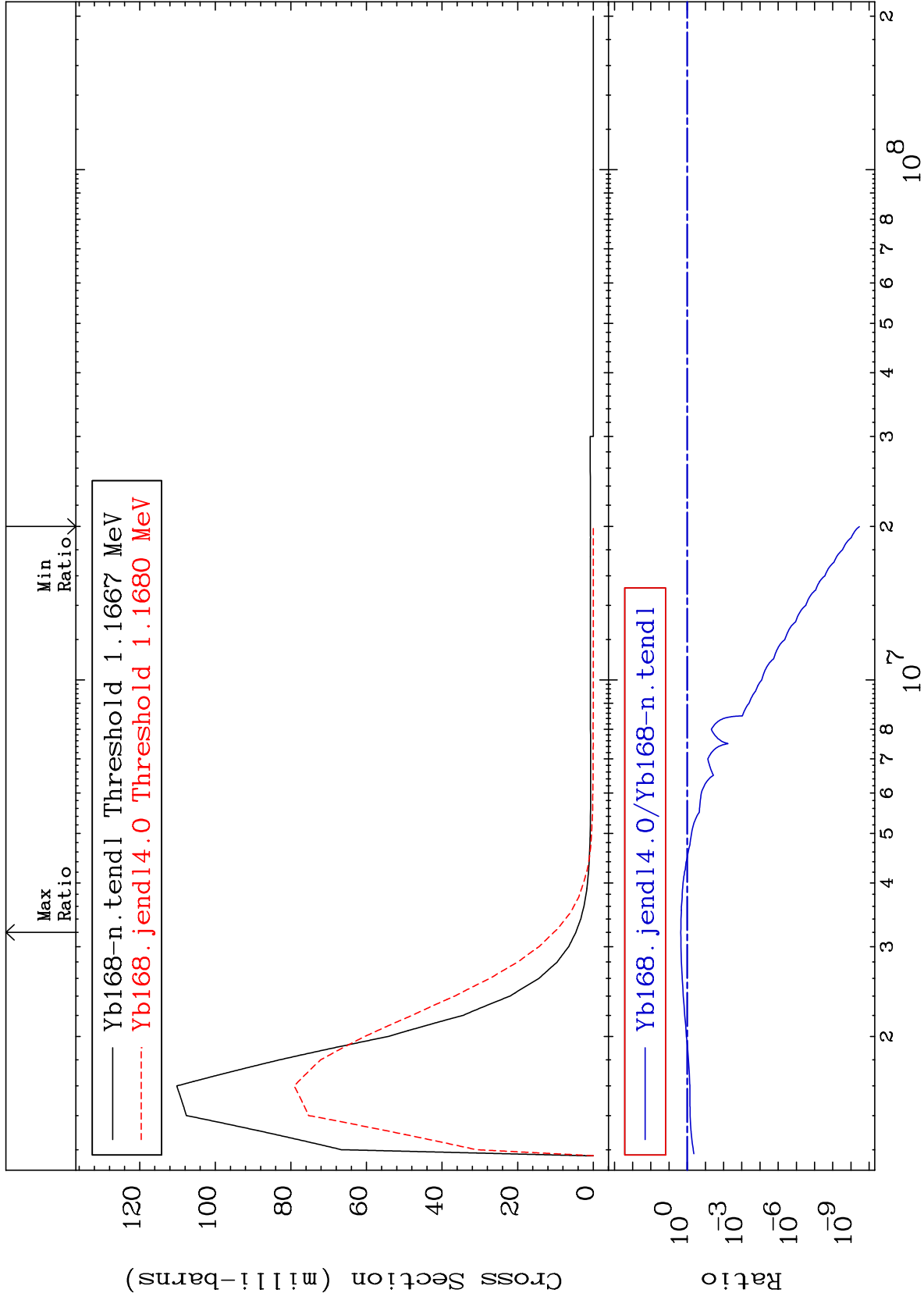
MAT 7025

1.160 MeV (n,n') Level

⁷⁰Yb-168

-100.0 To 126.4 %

Cross Section



17

Incident Energy (eV)

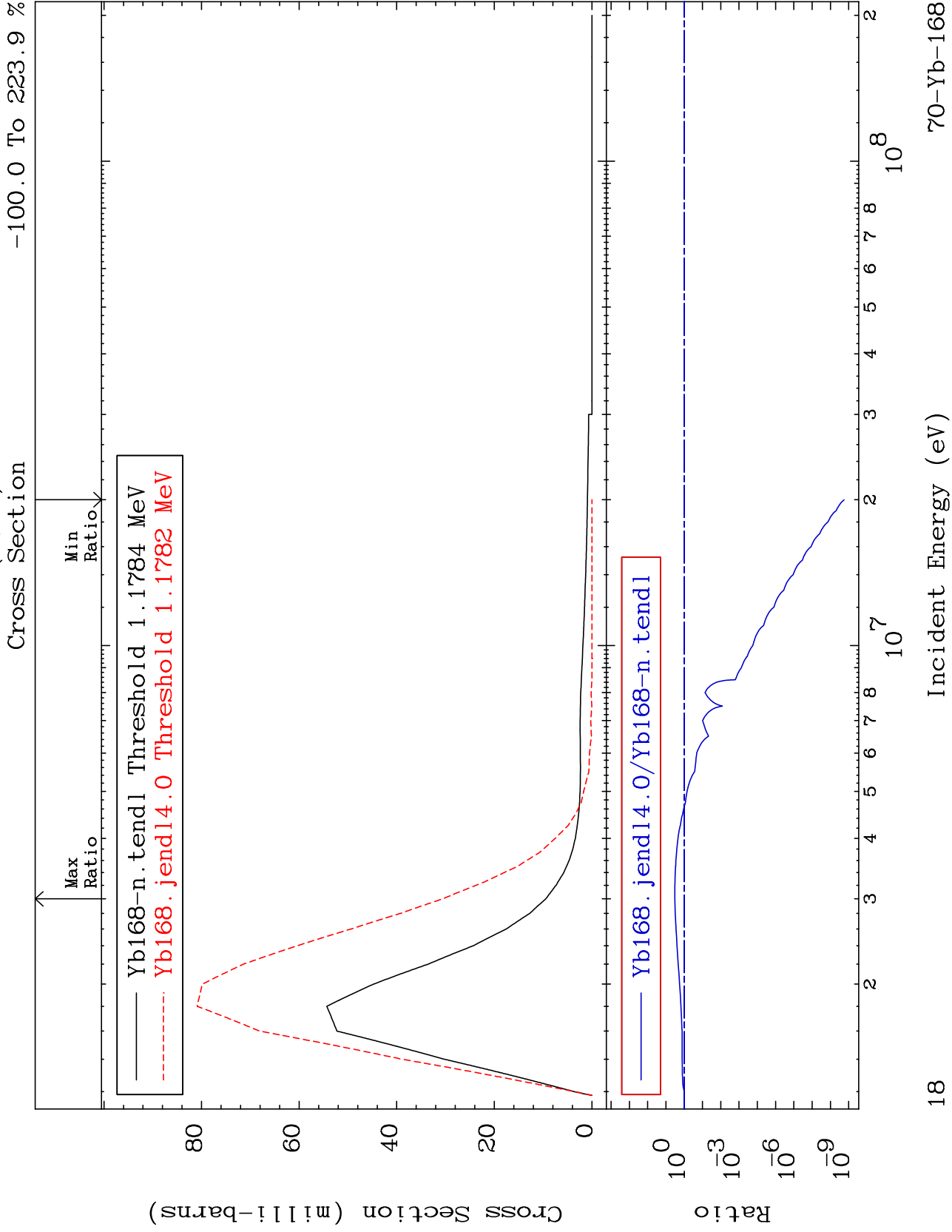
⁷⁰Yb-168

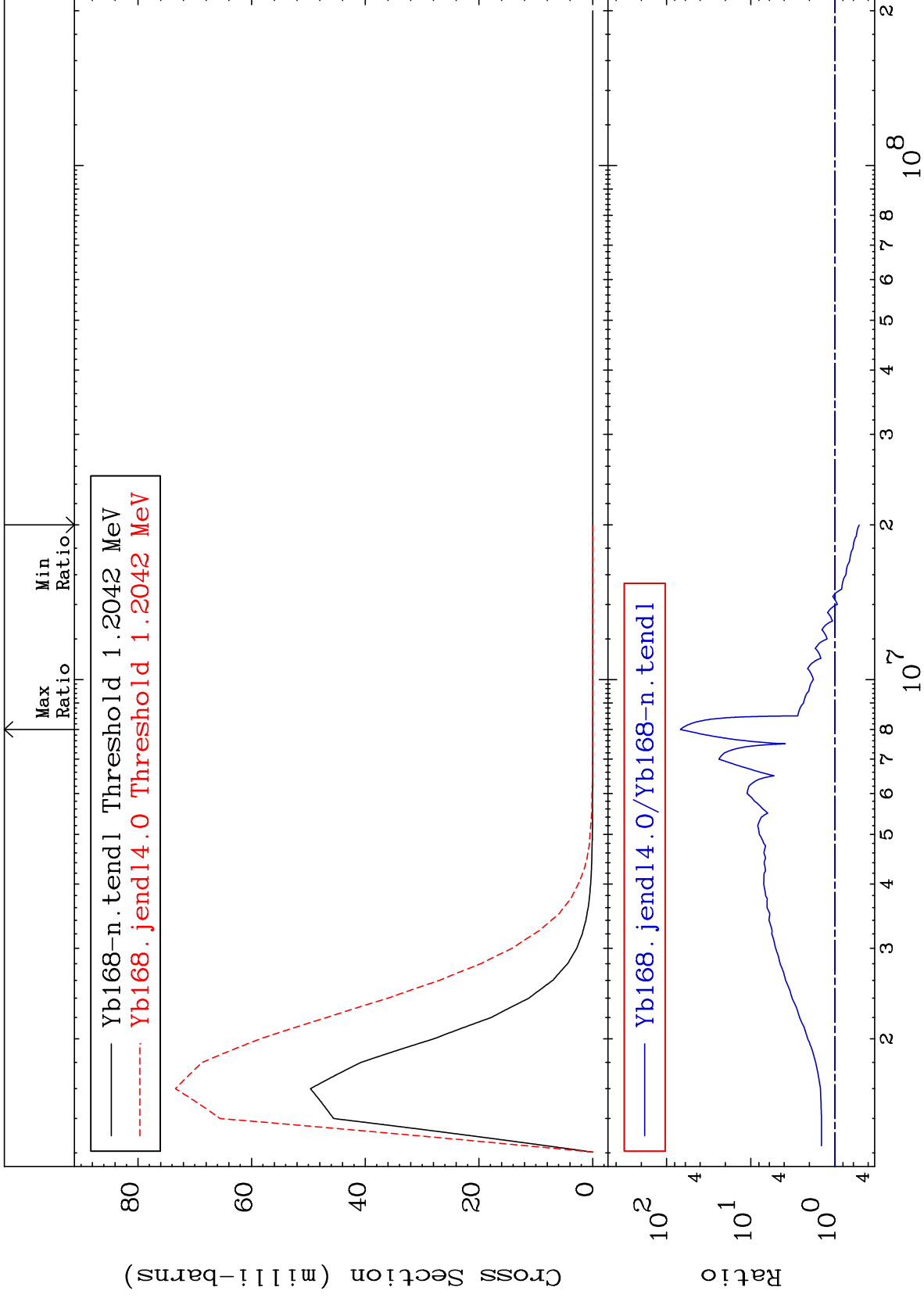
MAT 7025

1.171 MeV (n,n') Level

⁷⁰Yb-168

-100.0 To 223.9 %





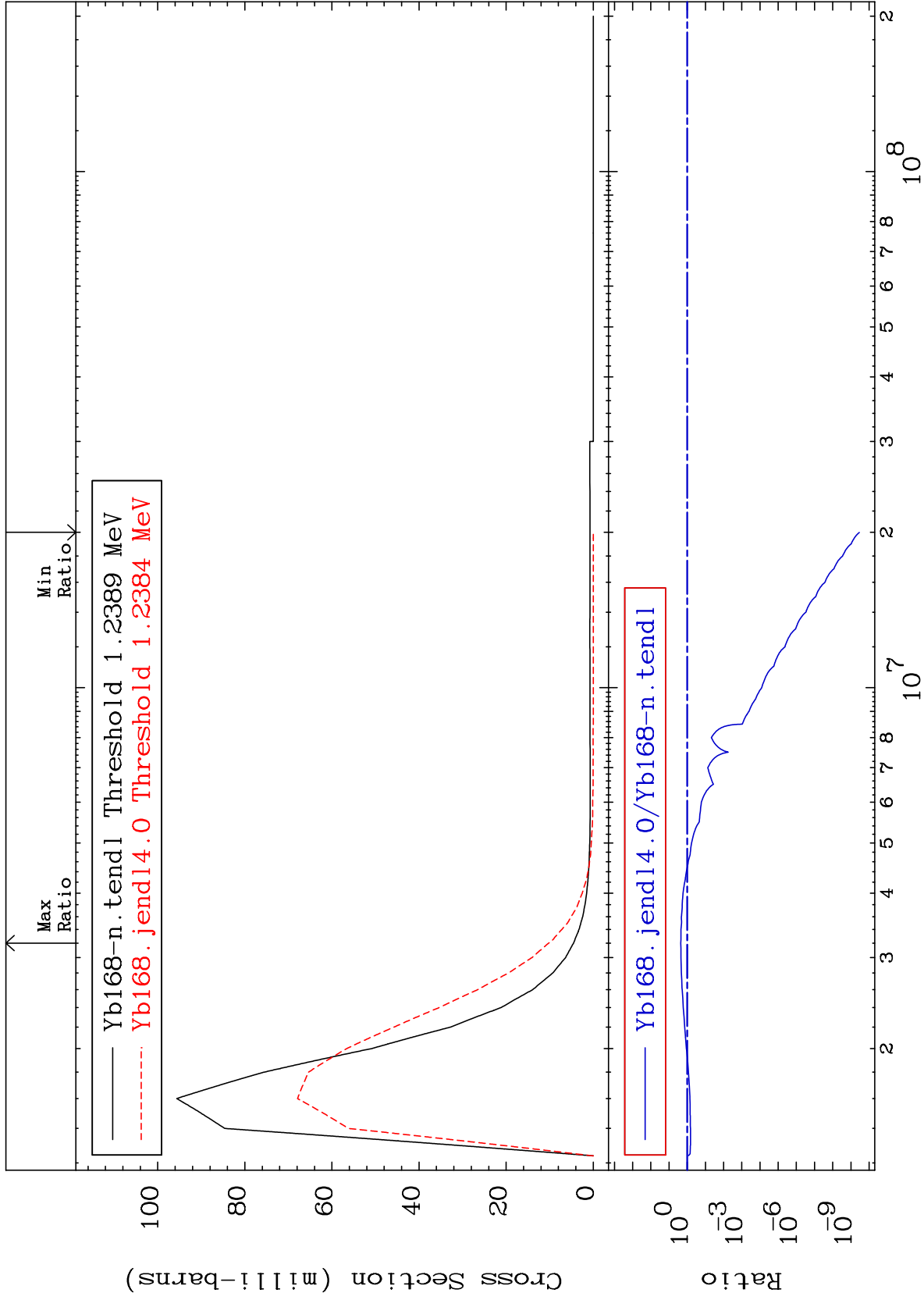
MAT 7025

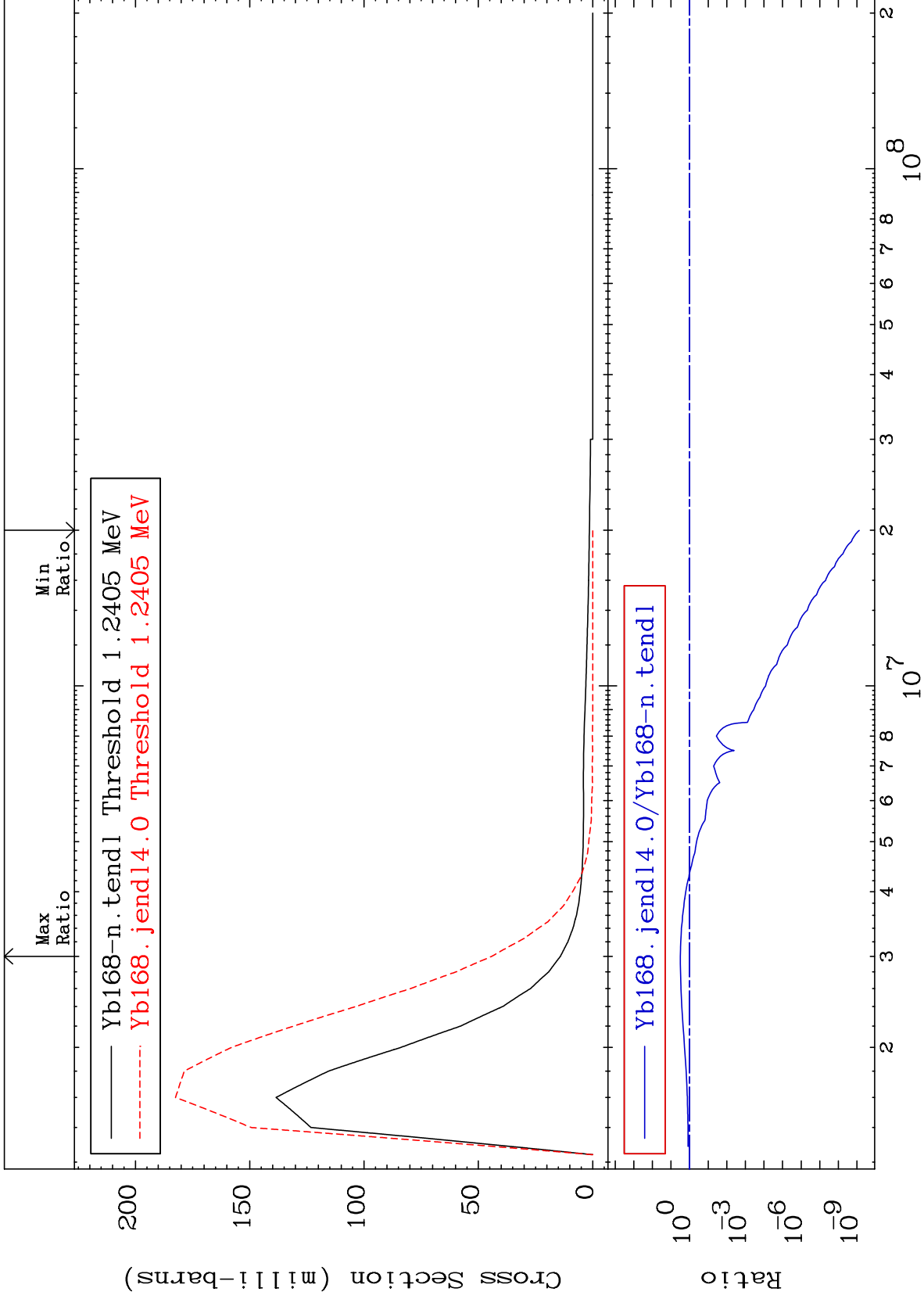
1.232 MeV (n,n') Level

⁷⁰Yb-168

-100.0 To 126.1 %

Cross Section

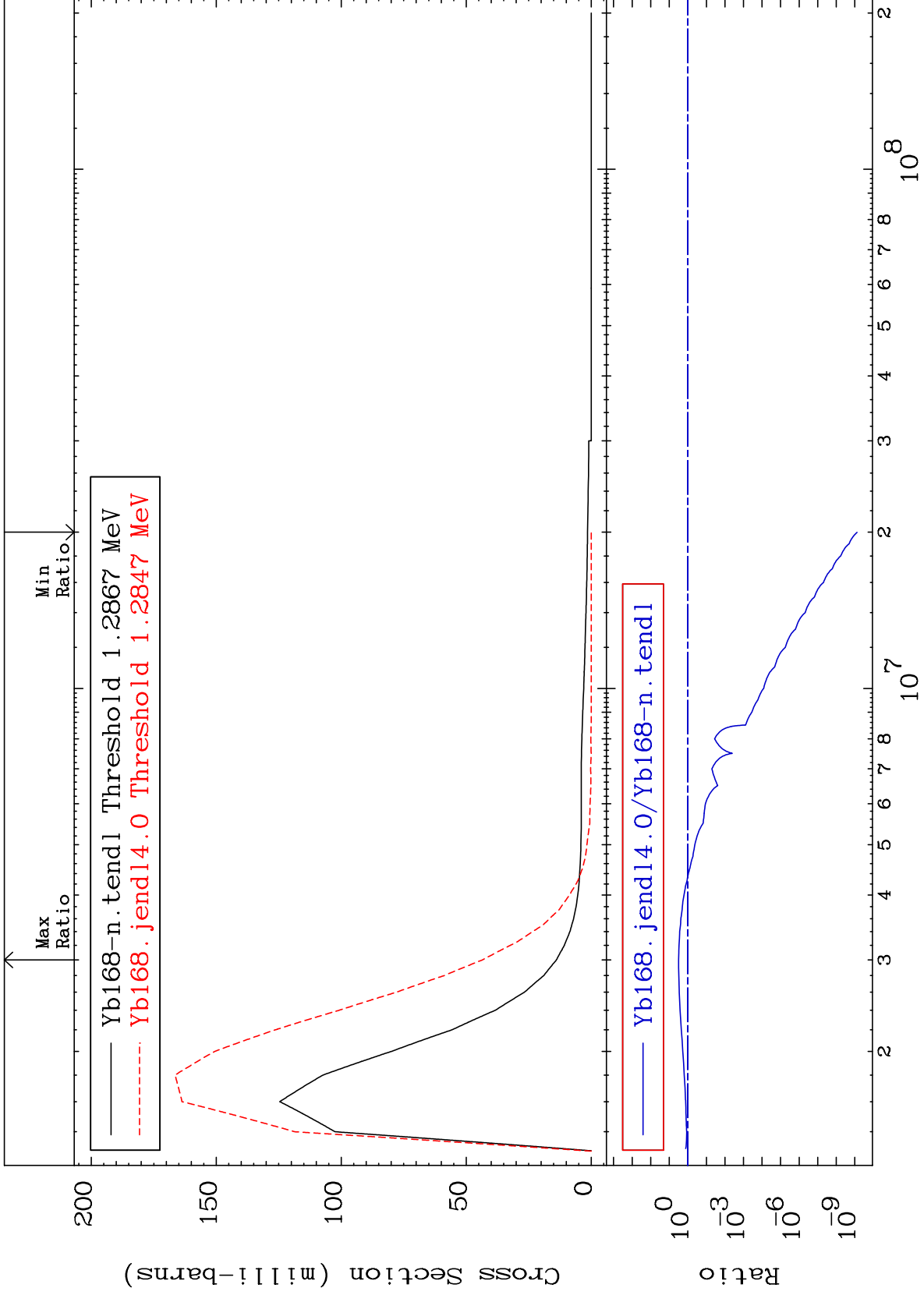


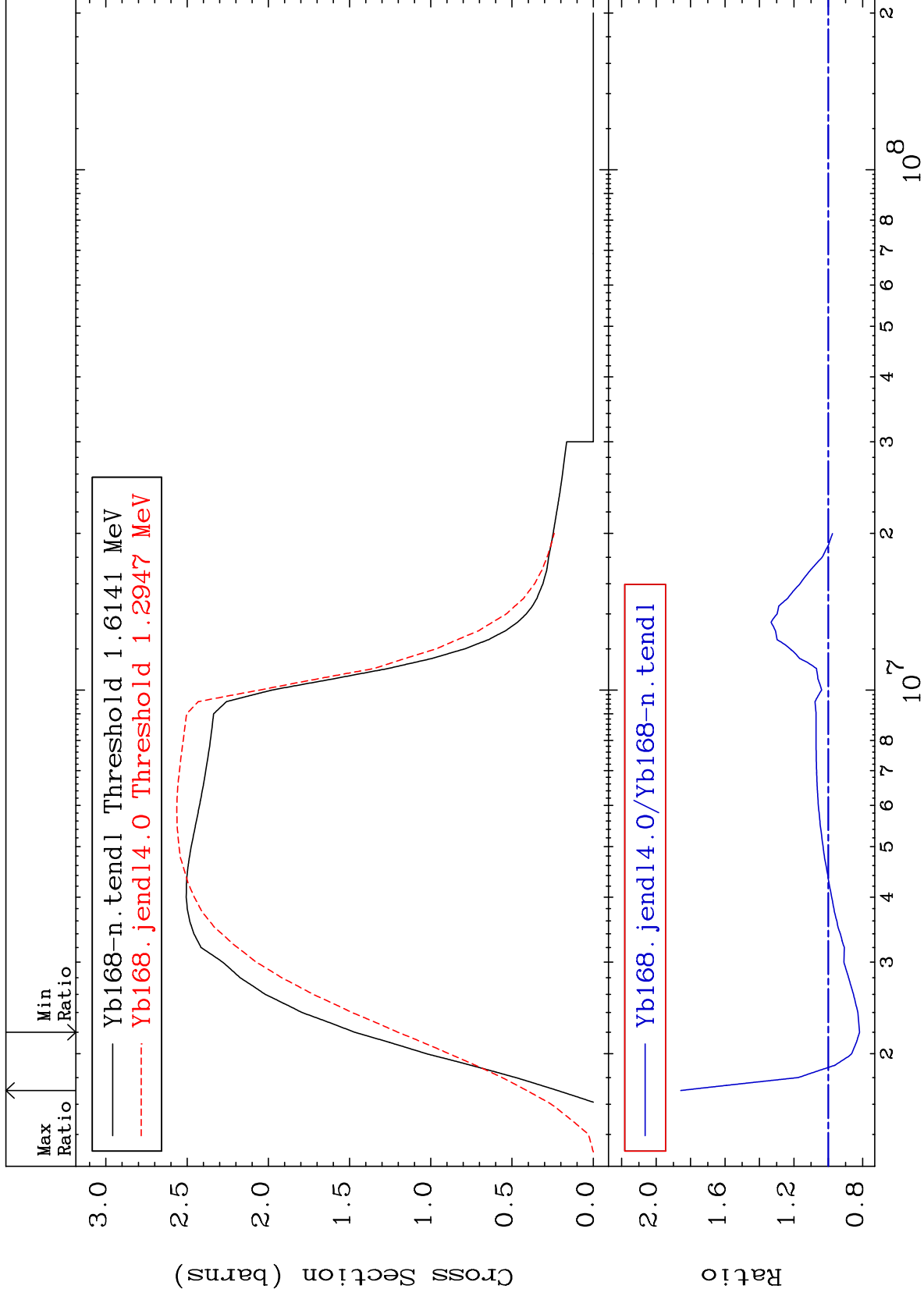


MAT 7025

1.279 MeV (n,n') Level
Cross Section

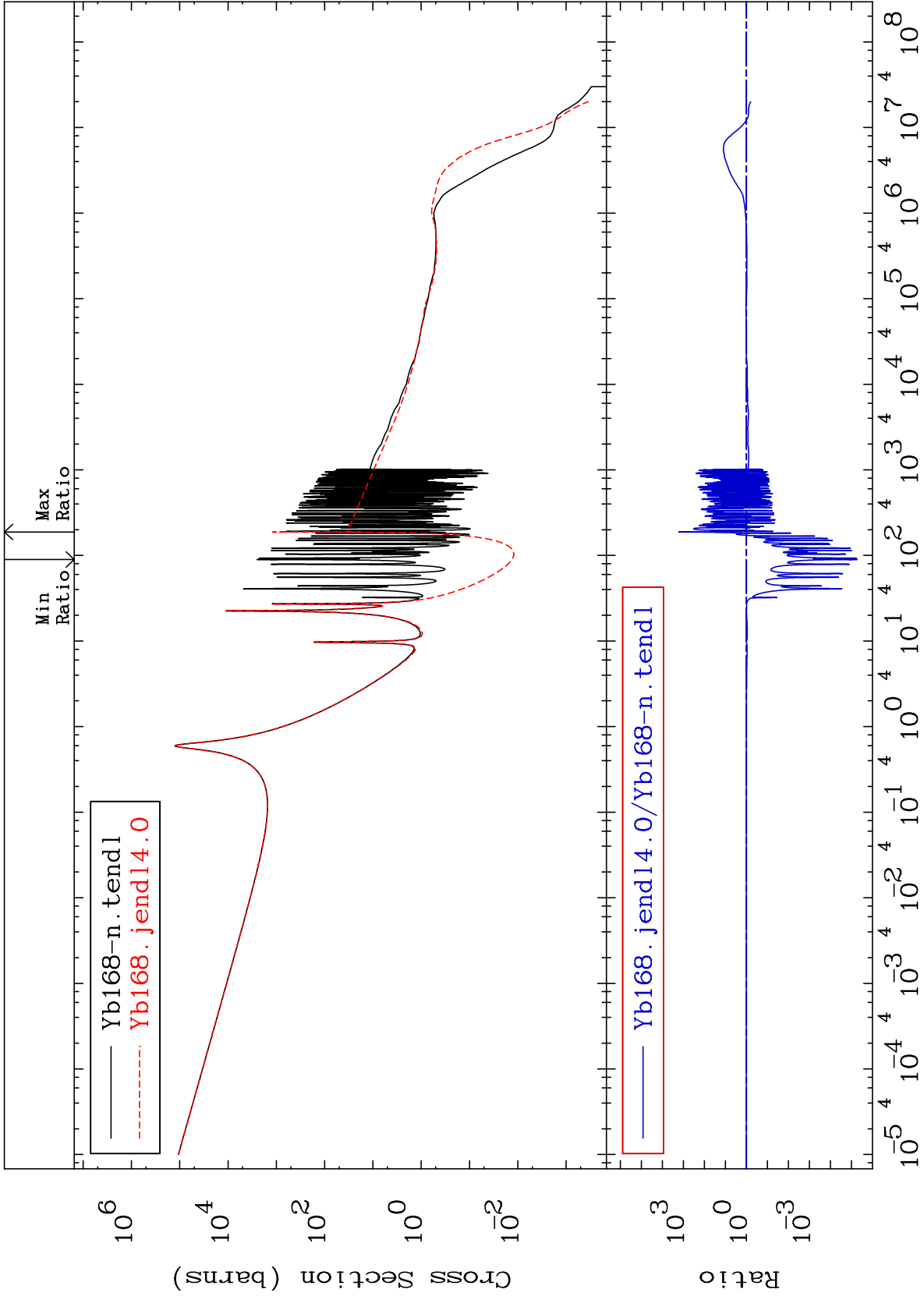
70-Yb-168
-100.0 To 212.5 %





MAT 7025

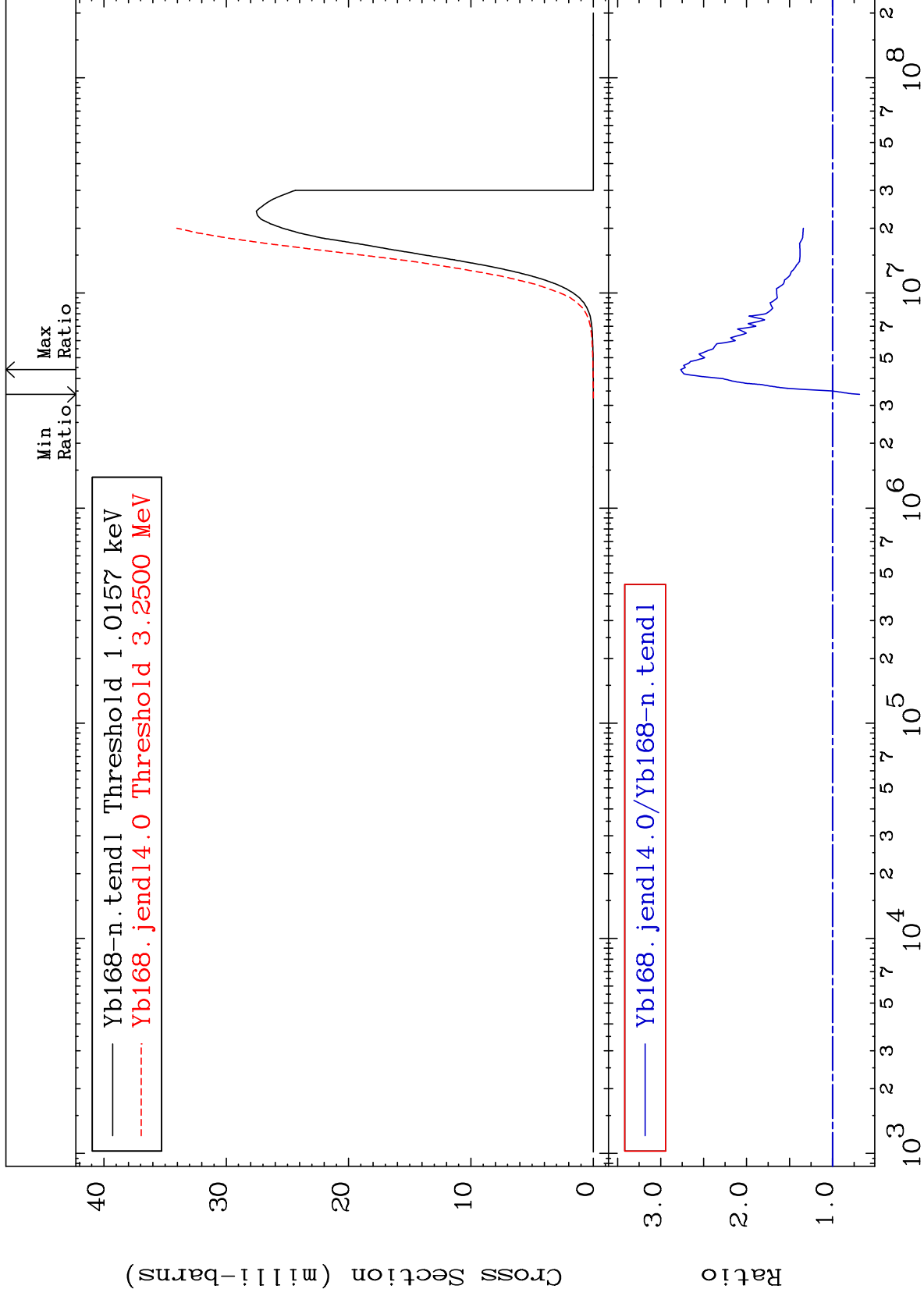
(n, γ)
Cross Section
70-Yb-168
-100.0 To 9999. %



MAT 7025

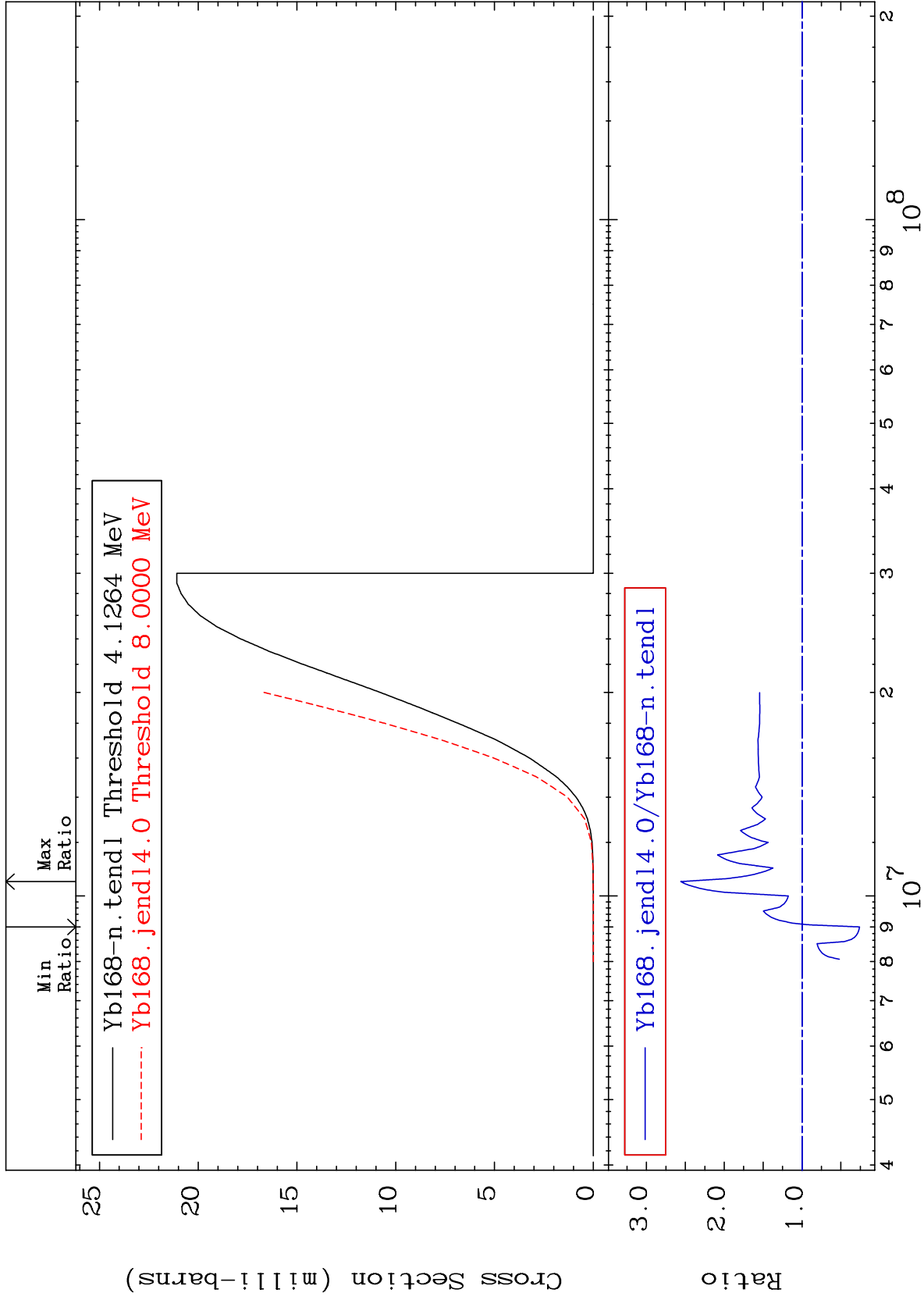
(n,p)
Cross Section

70-Yb-168
-31.37 To 176.6 %



Incident Energy (eV)

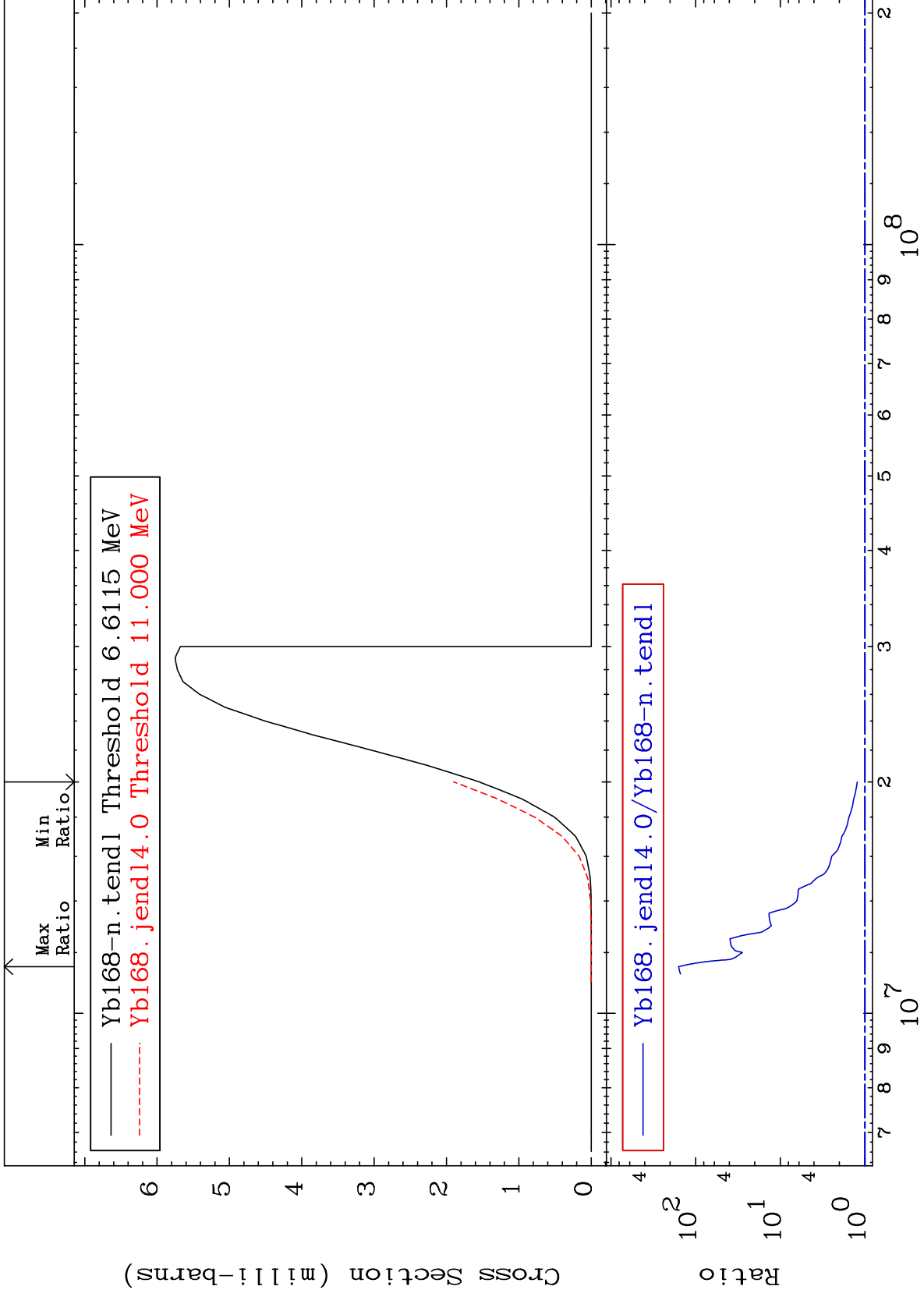
70-Yb-168

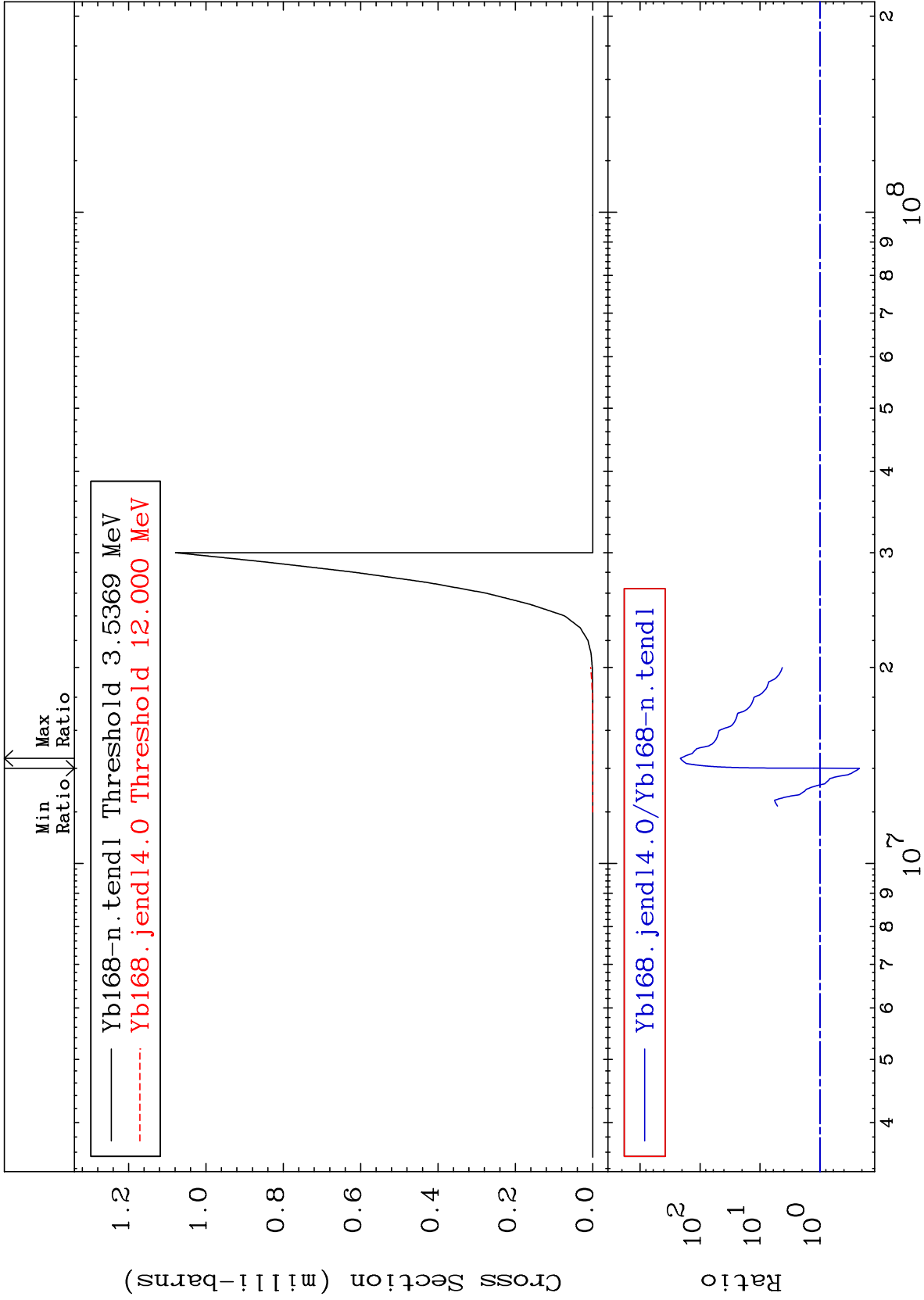


MAT 7025

(n, t)
Cross Section

70-Yb-168
22.97 To 9999. %

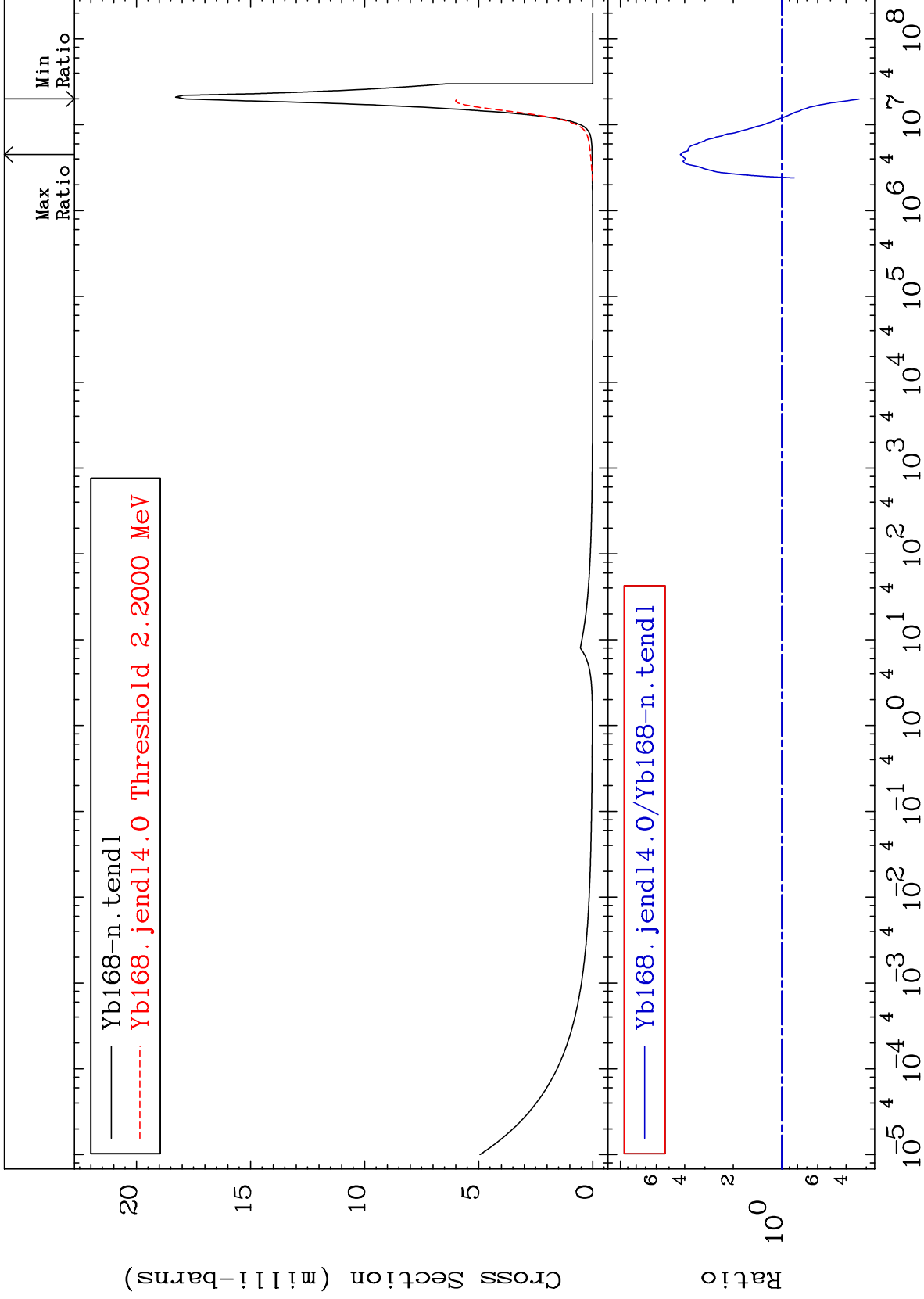




MAT 7025

(n, α)
Cross Section

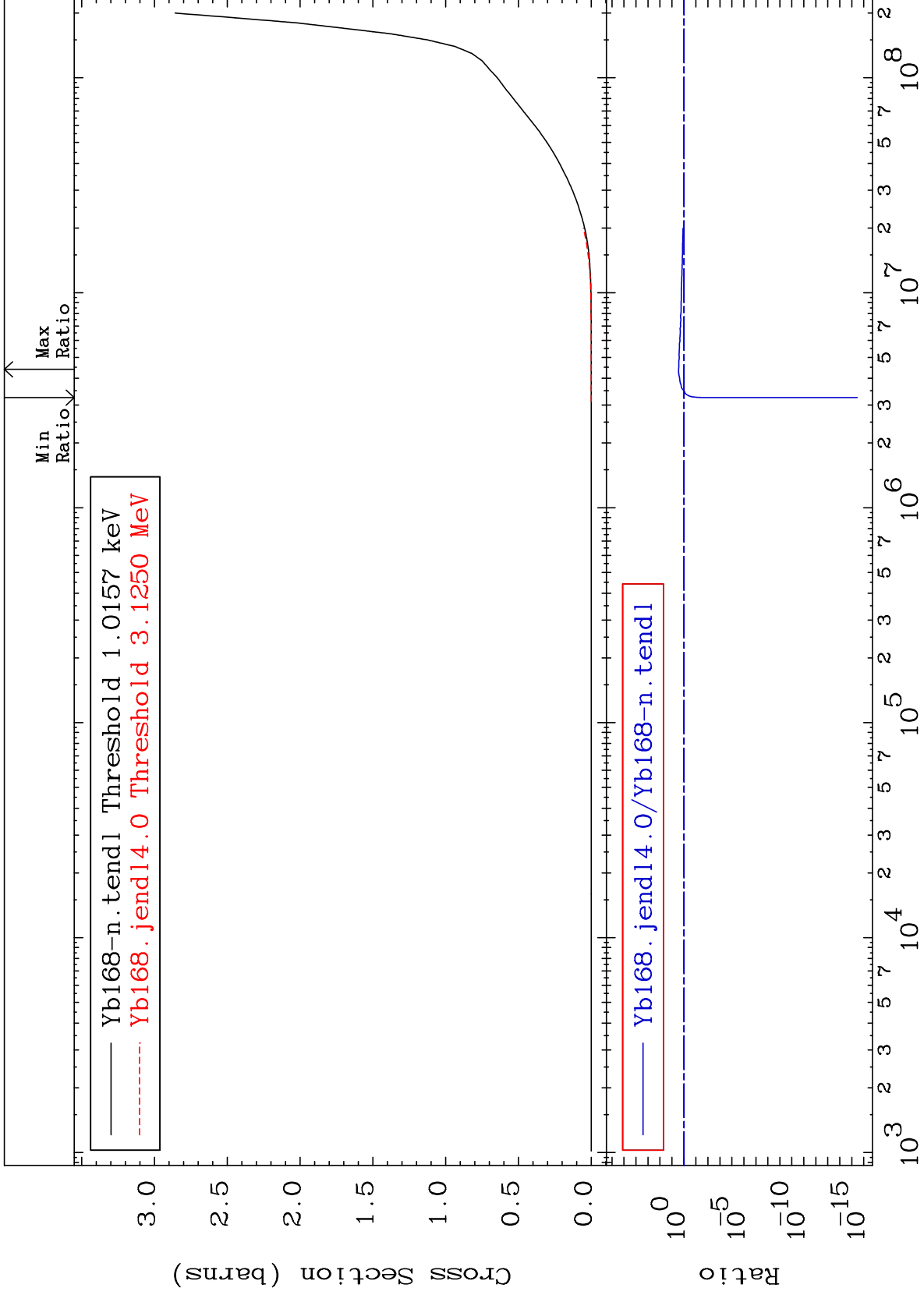
70-Yb-168
-66.89 To 325.5 %



MAT 7025

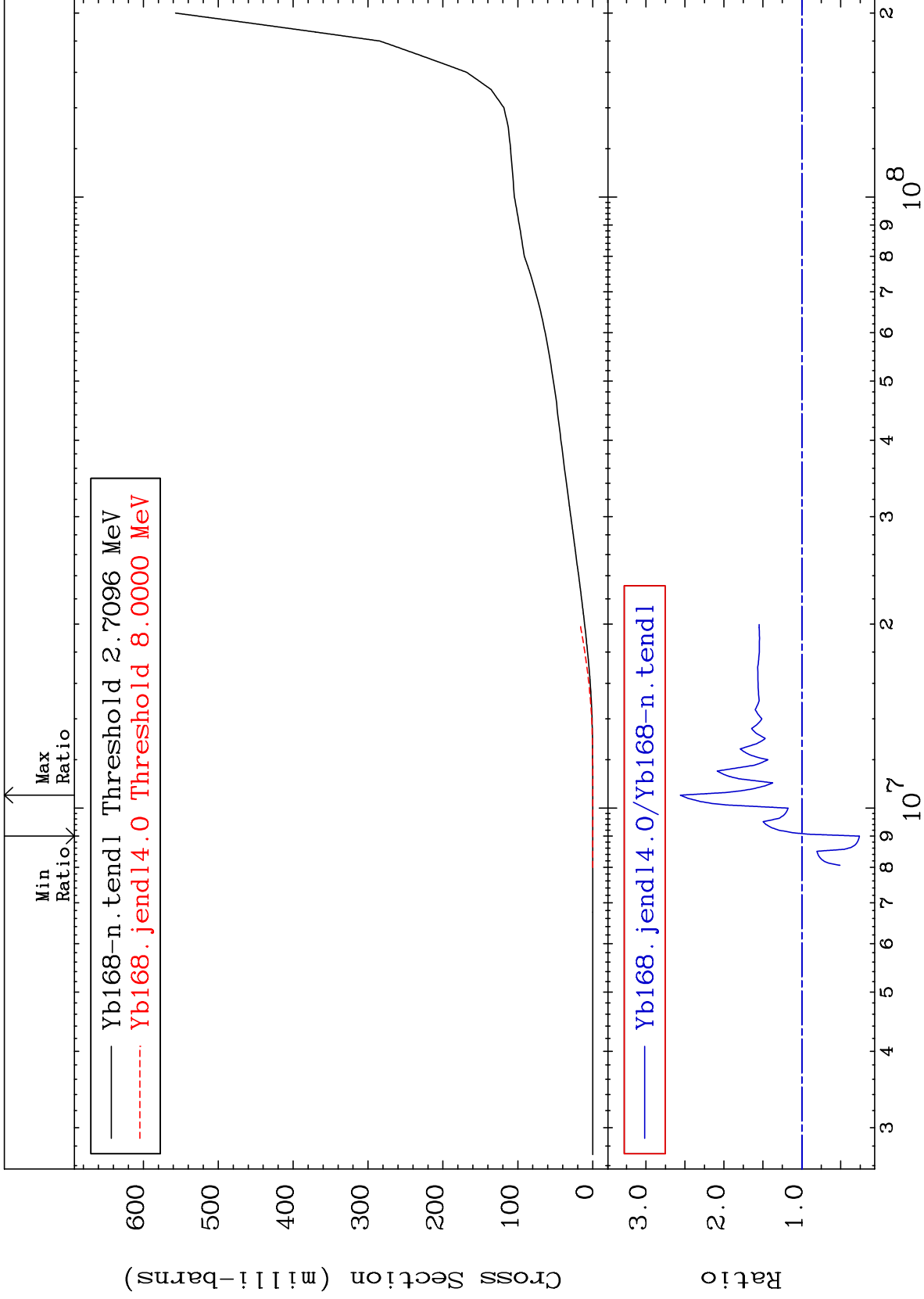
Hydrogen Production
Cross Section

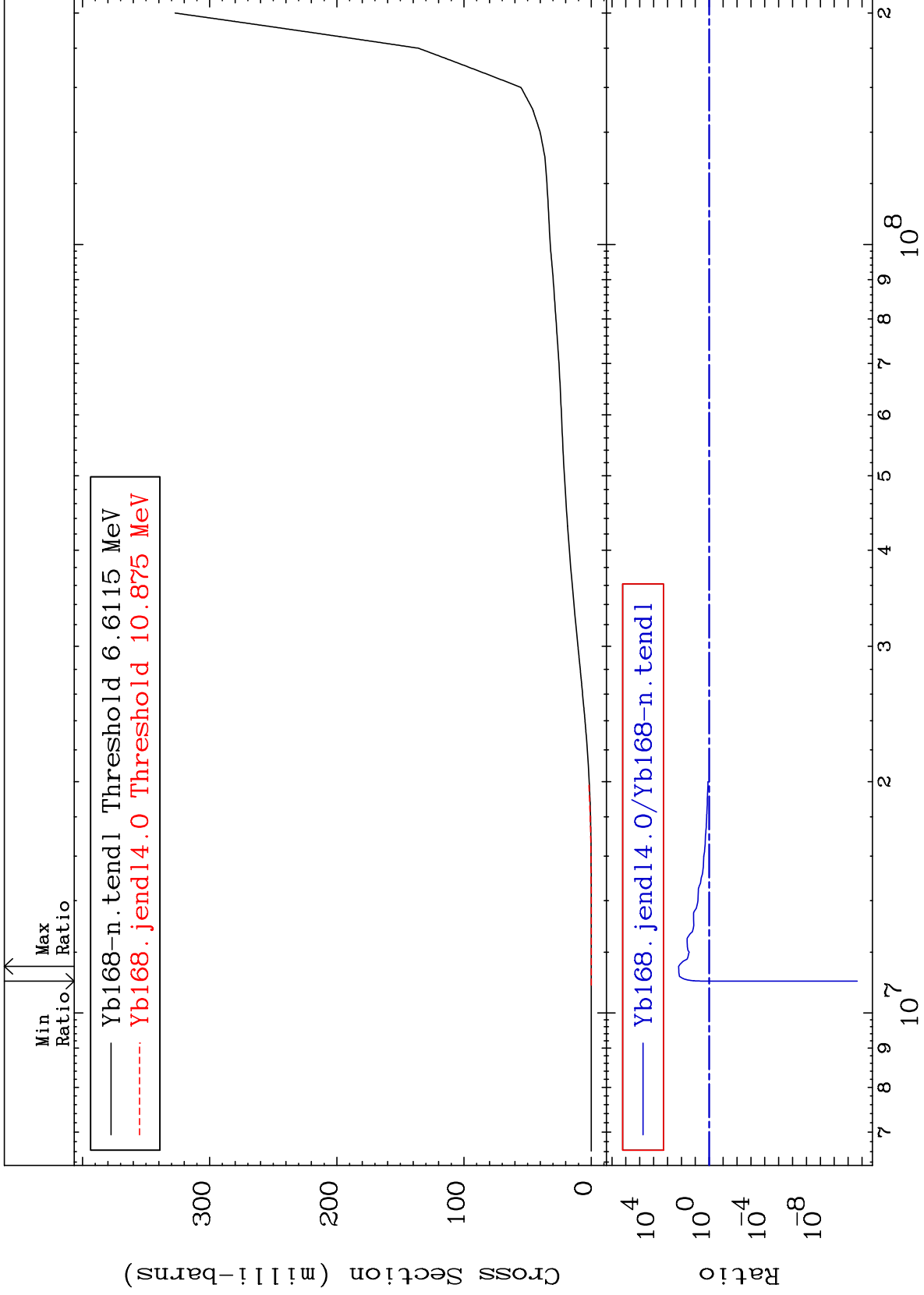
70-Yb-168
-100.0 To 176.6 %



Incident Energy (eV)

70-Yb-168

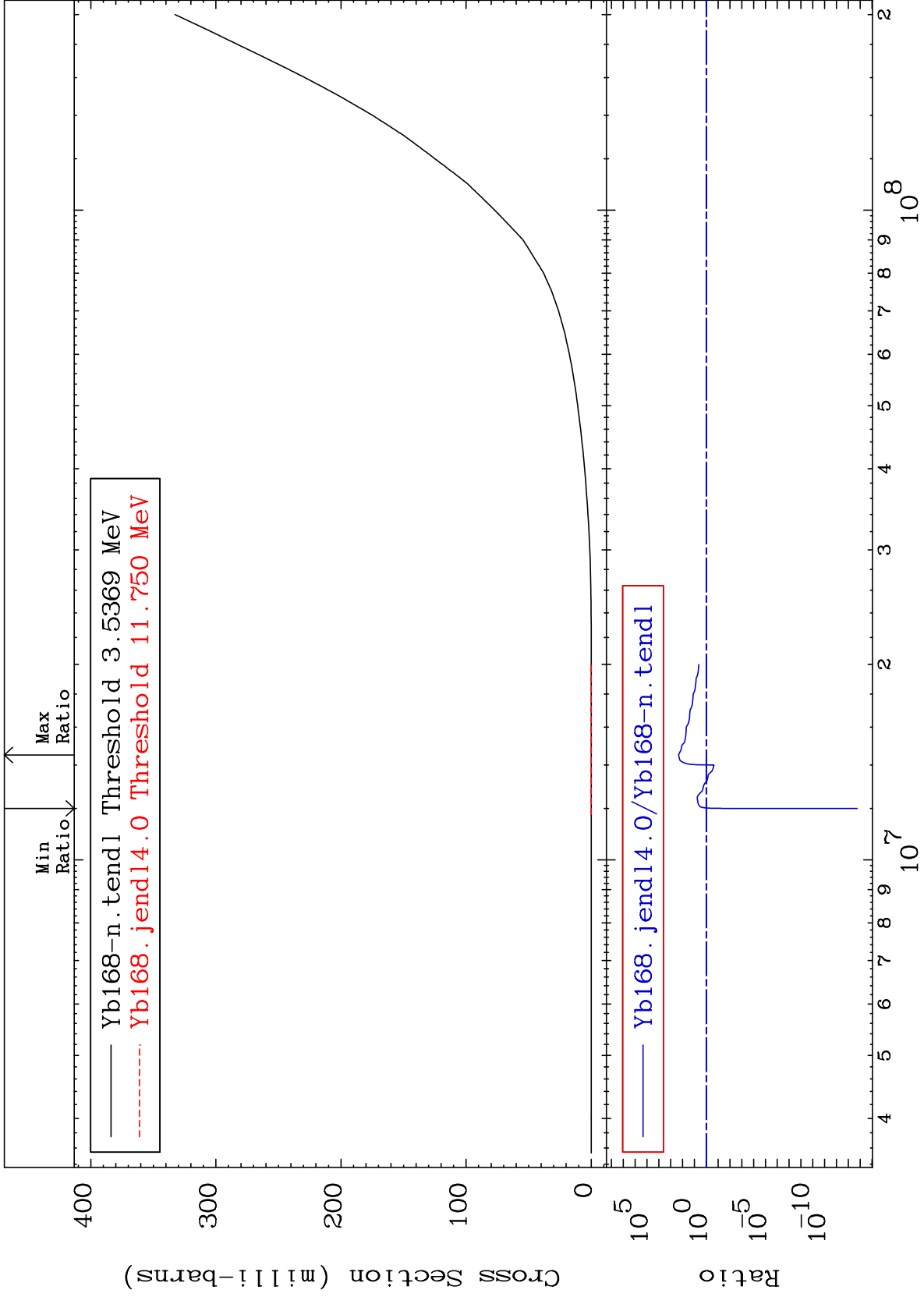


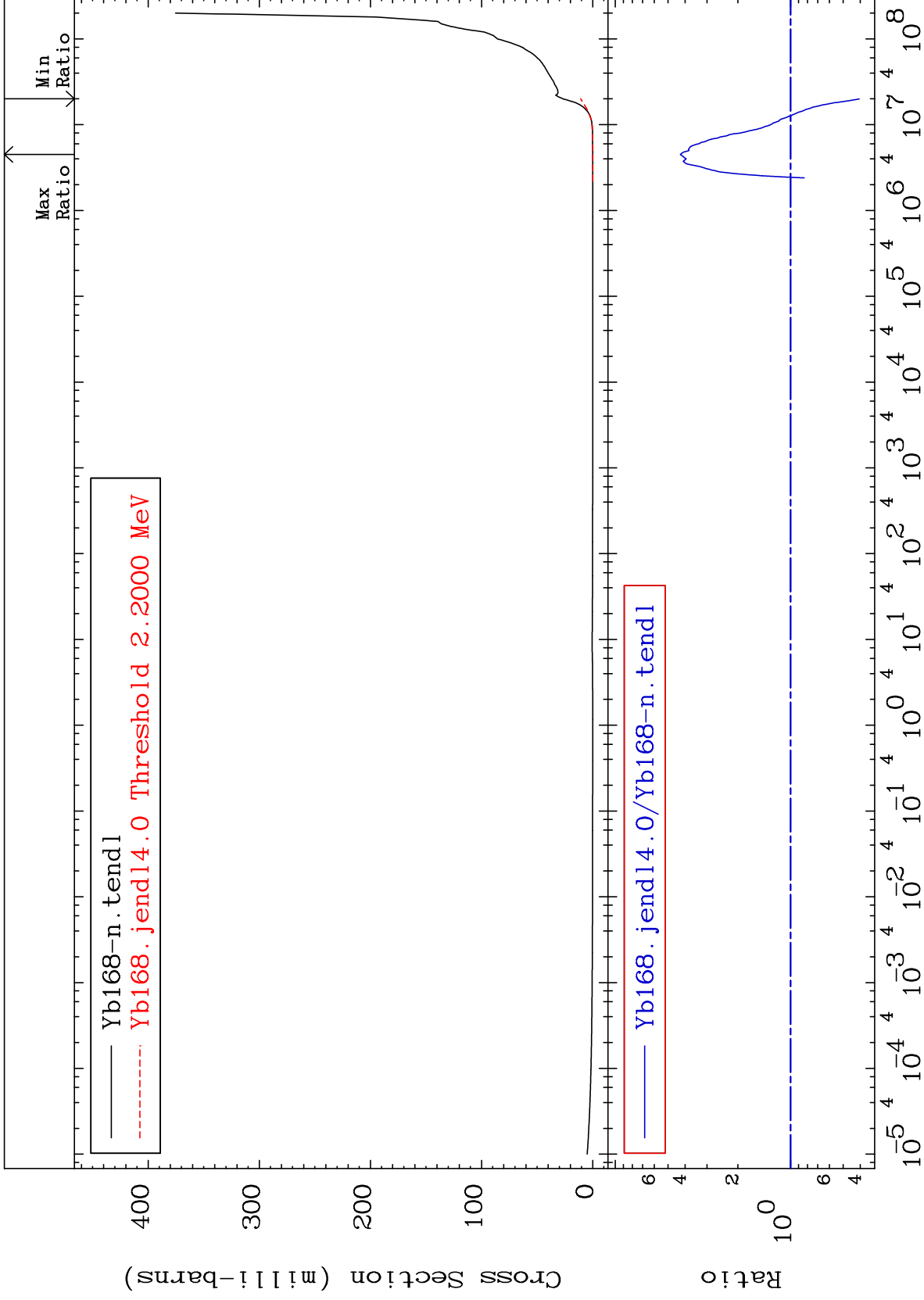


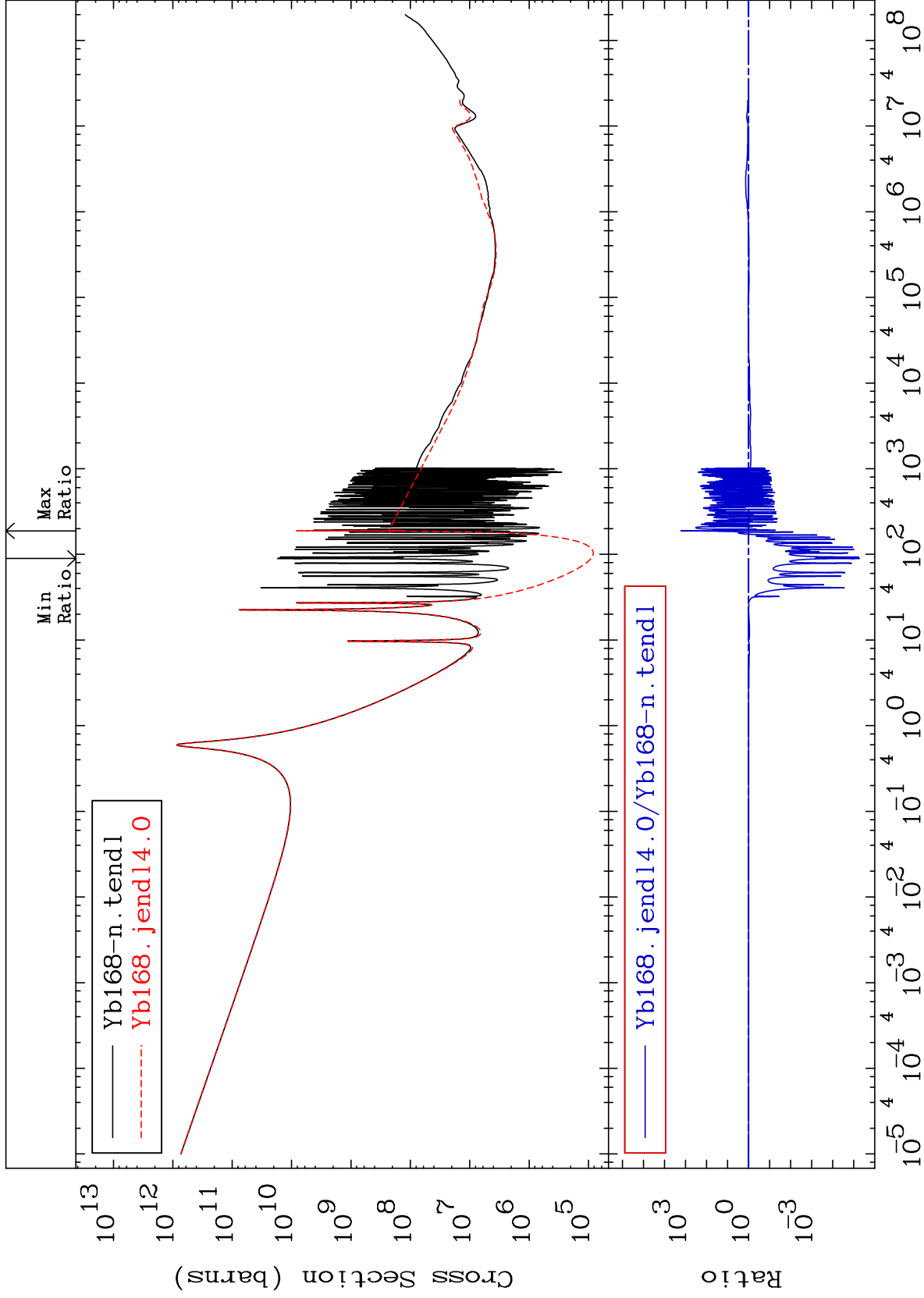
MAT 7025

He-3 Production
Cross Section

⁷⁰Yb-168
-100.0 To 9999. %



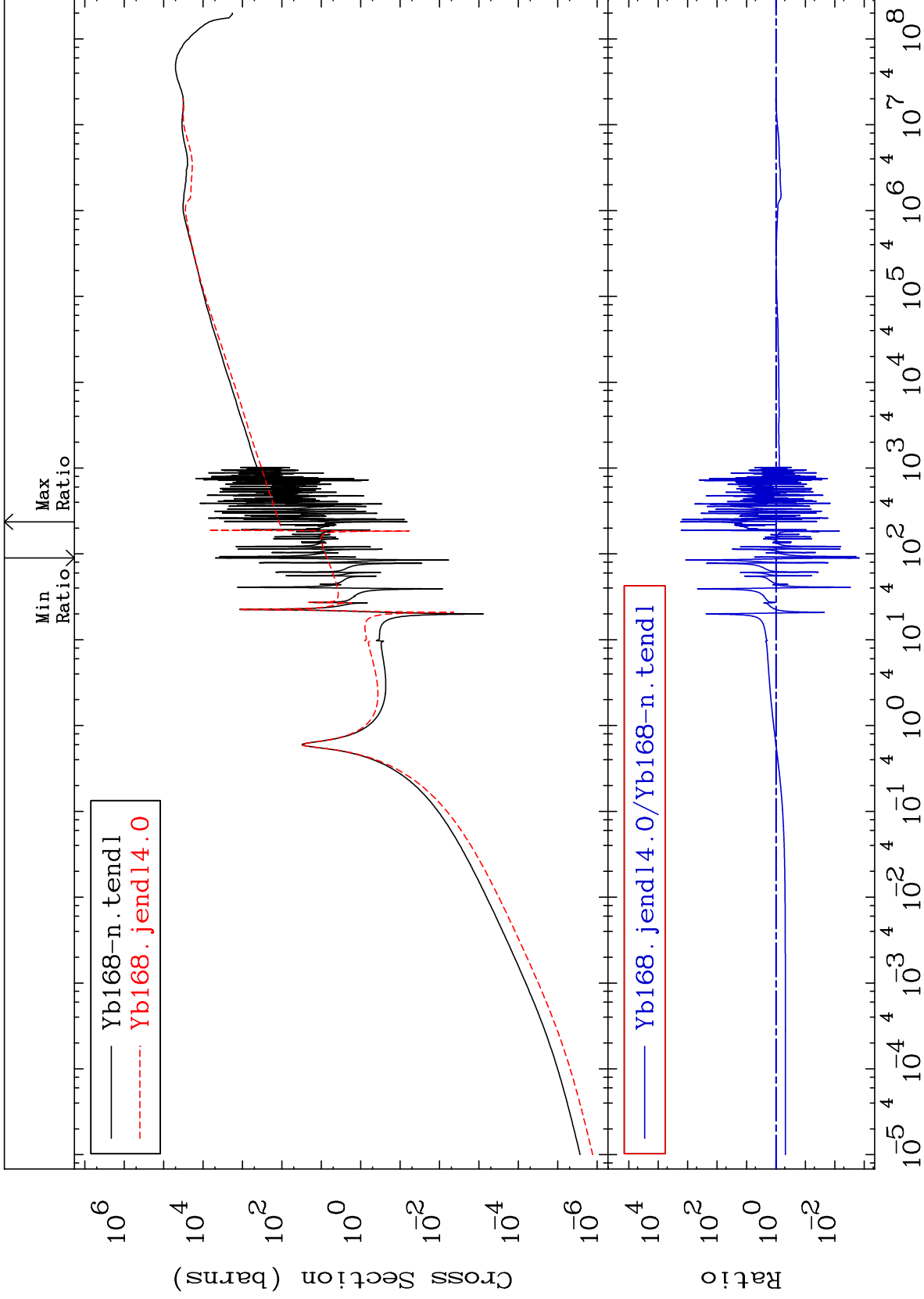




MAT 7025

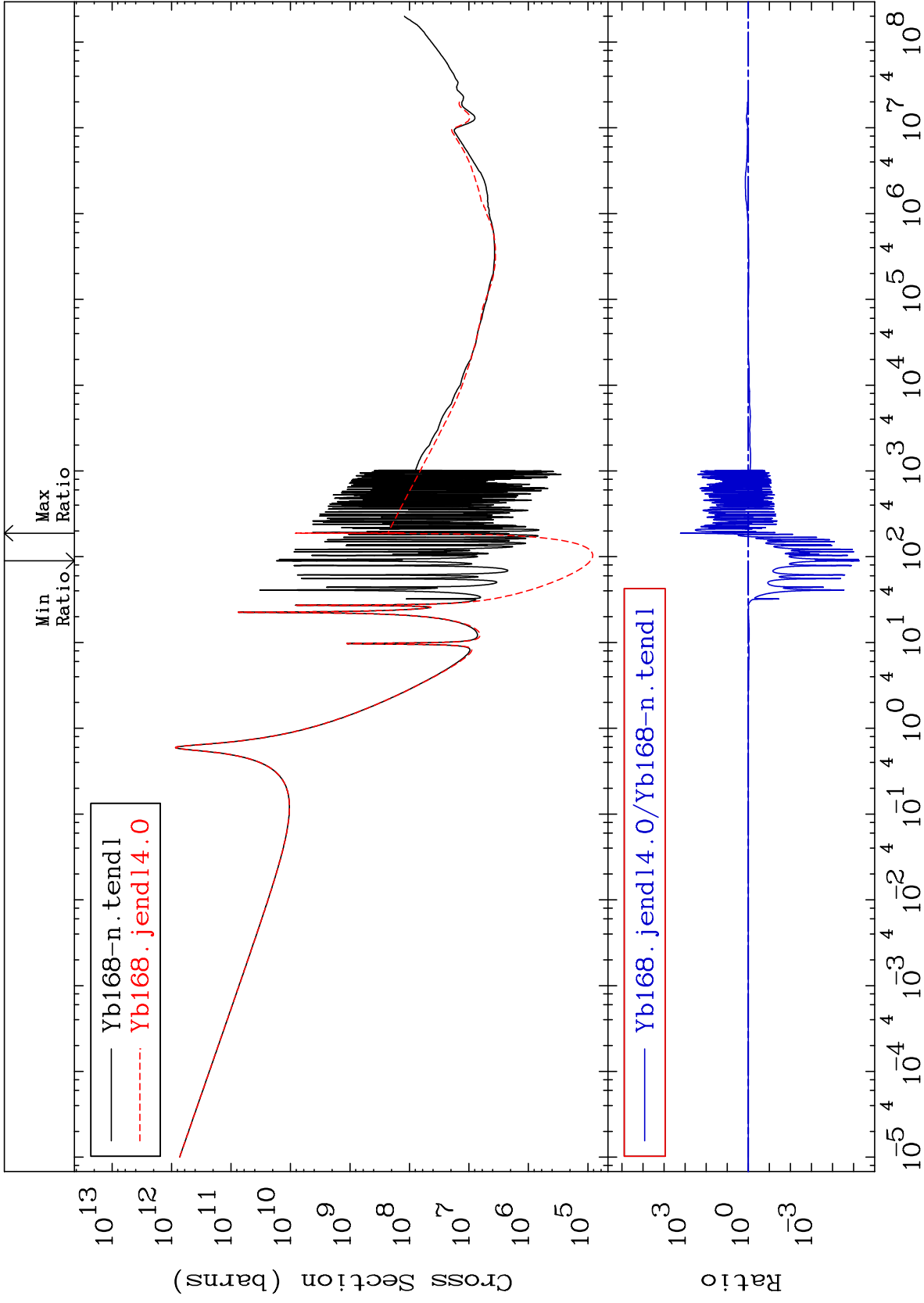
Kerma elastic
Cross Section

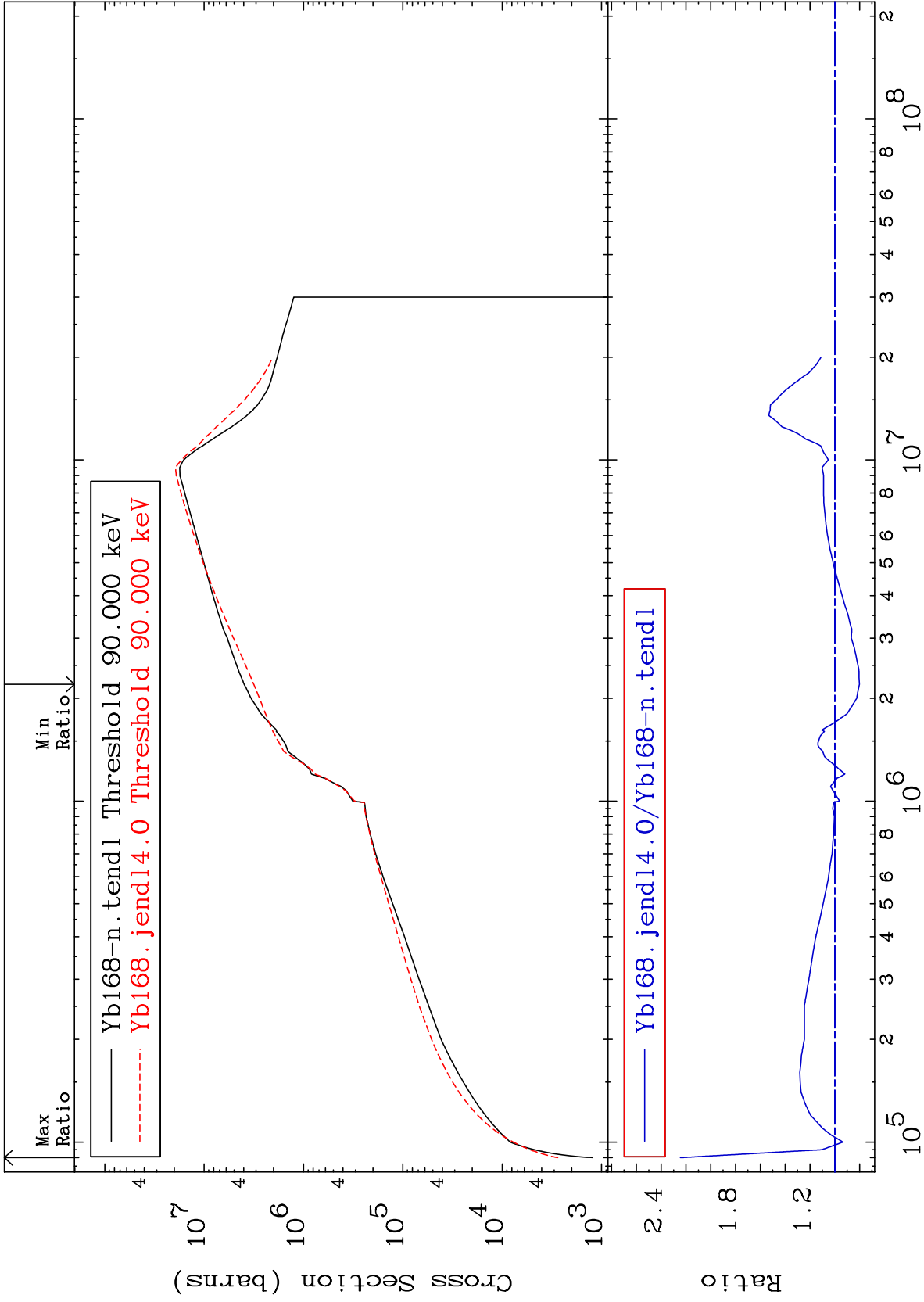
70-Yb-168
-99.85 To 9999. %



Cross Section

-100.0 To 9999. %

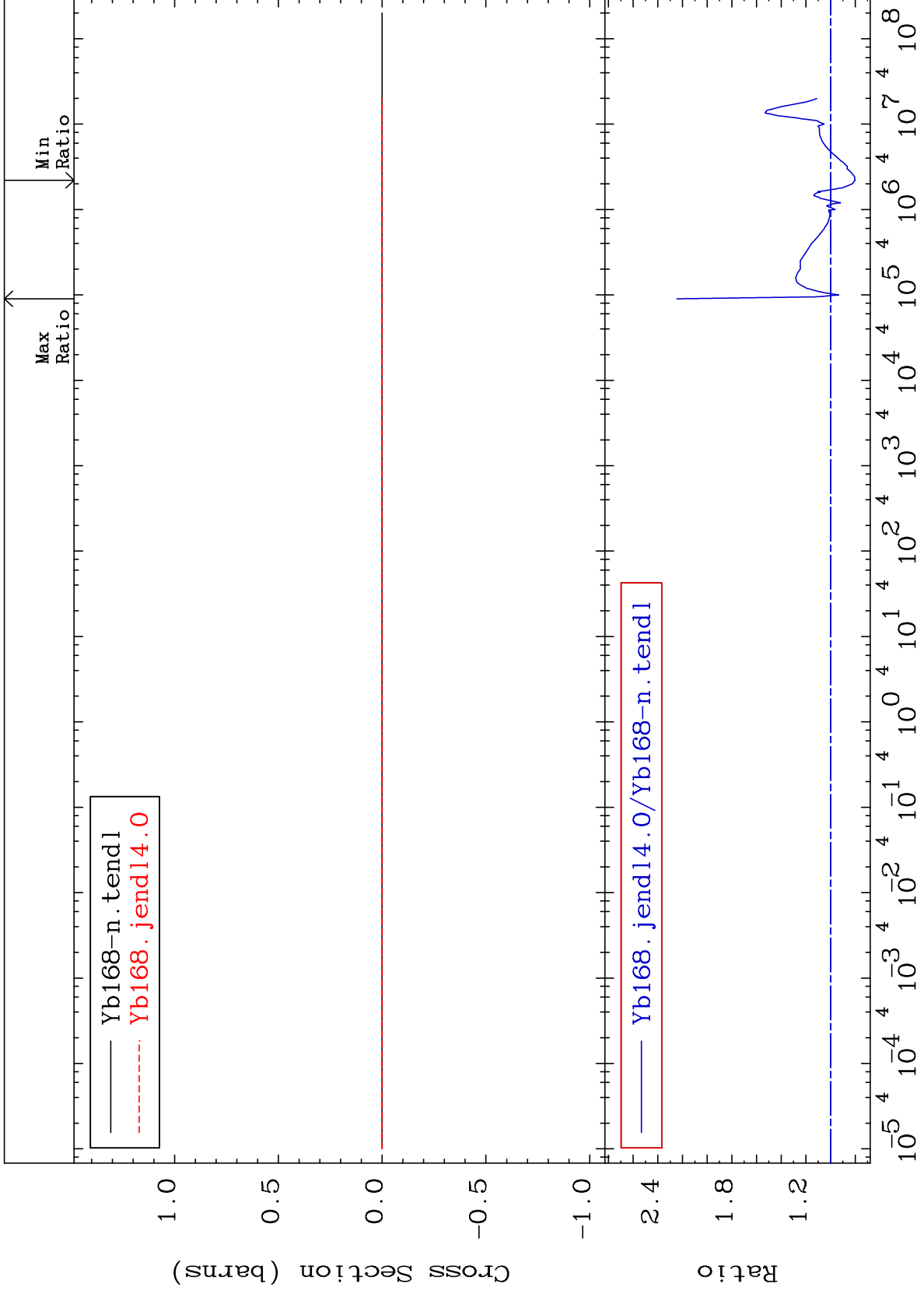




MAT 7025

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

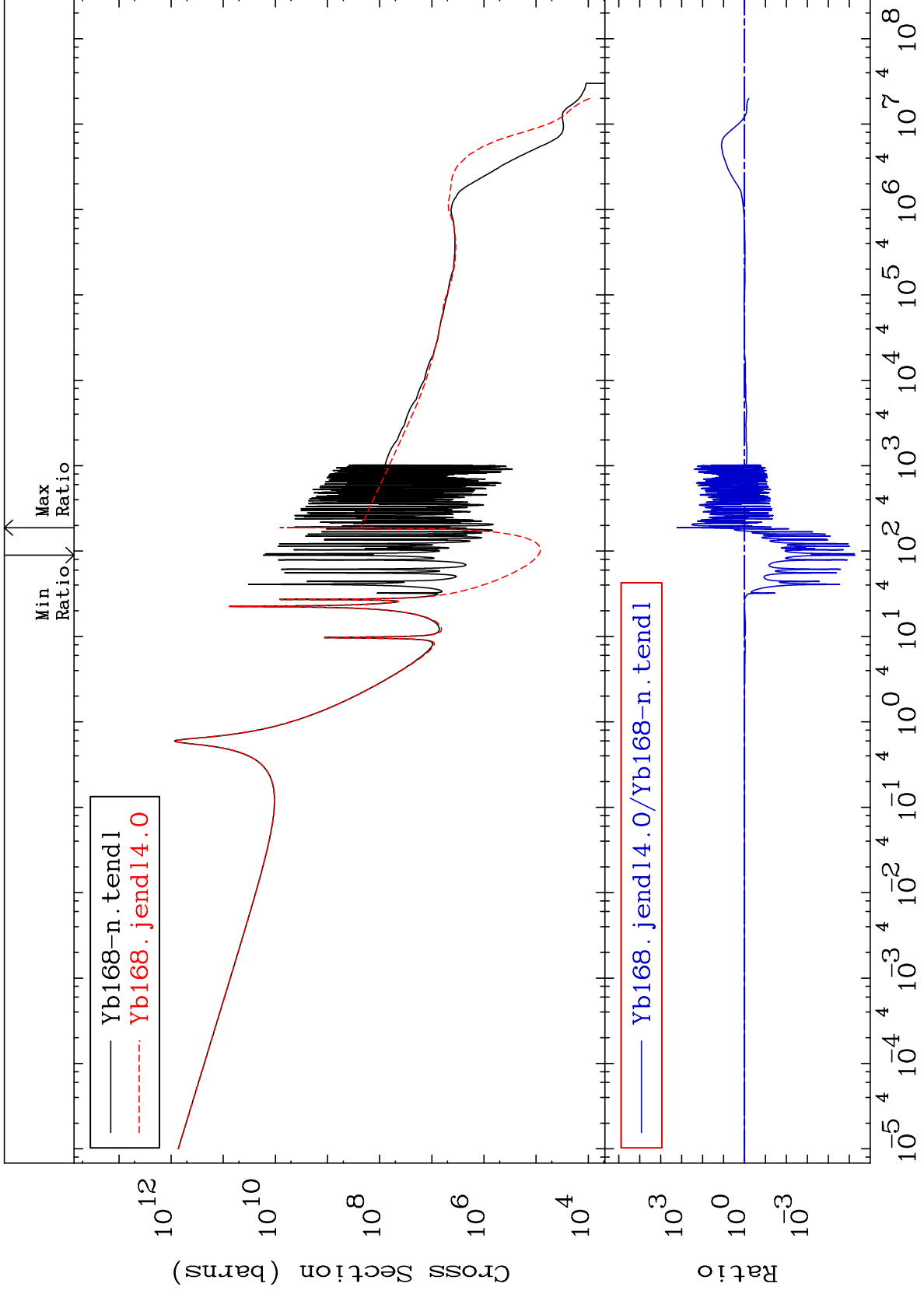
70-Yb-168
-19.88 To 124.5 %



MAT 7025

Kerma capture (mt102)
Cross Section

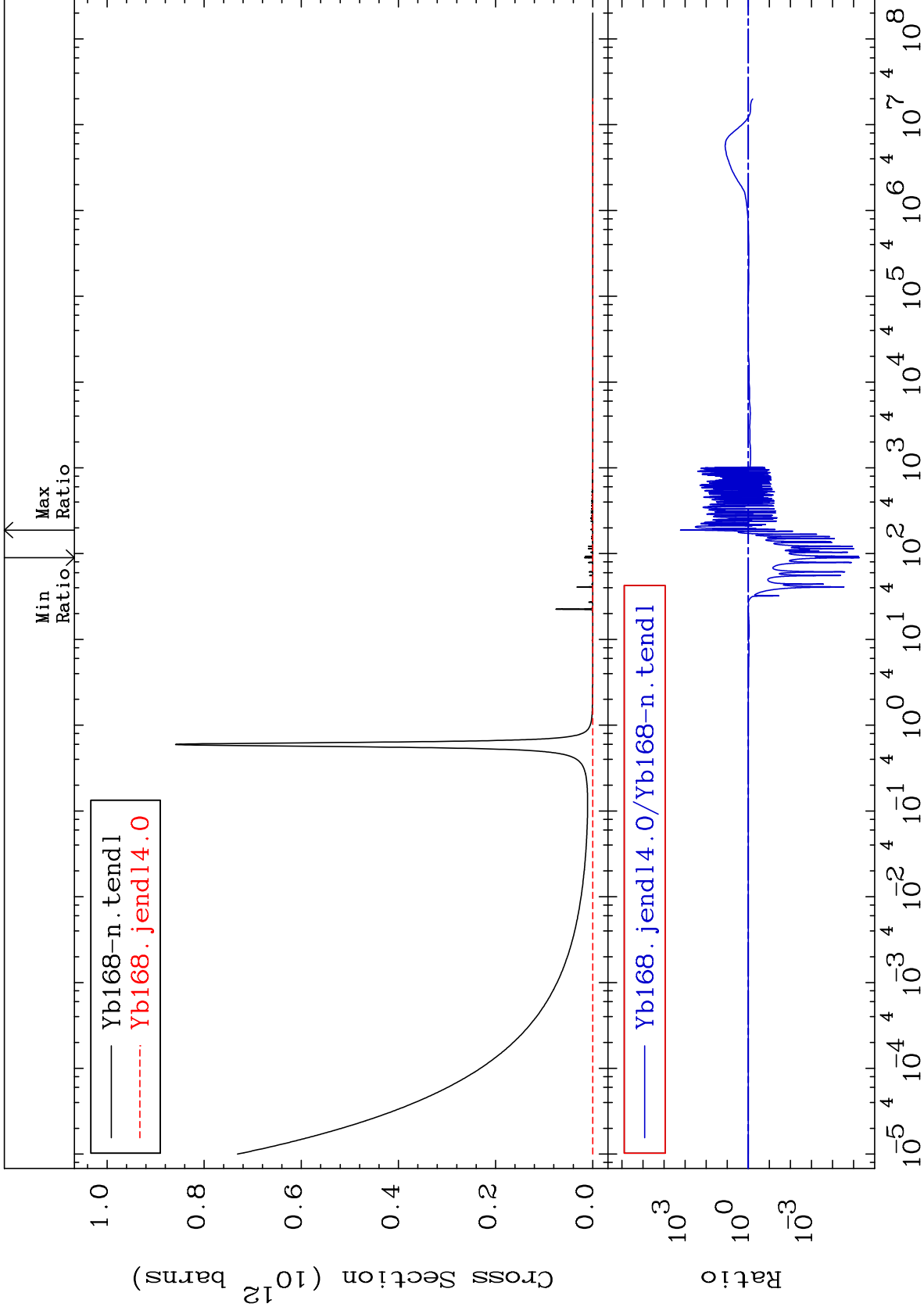
70-Yb-168
-100.0 To 9999. %

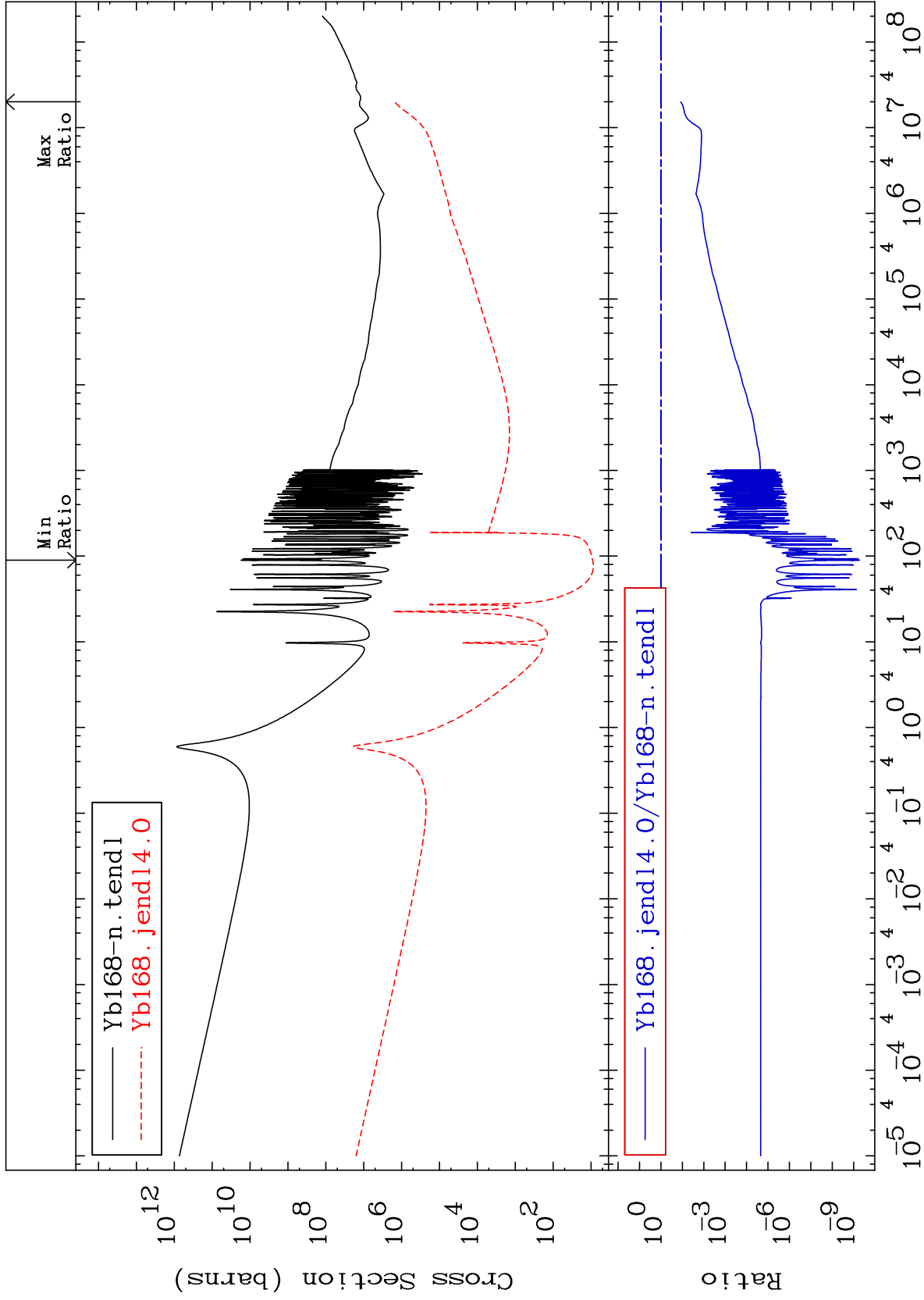


40

Incident Energy (eV)

70-Yb-168



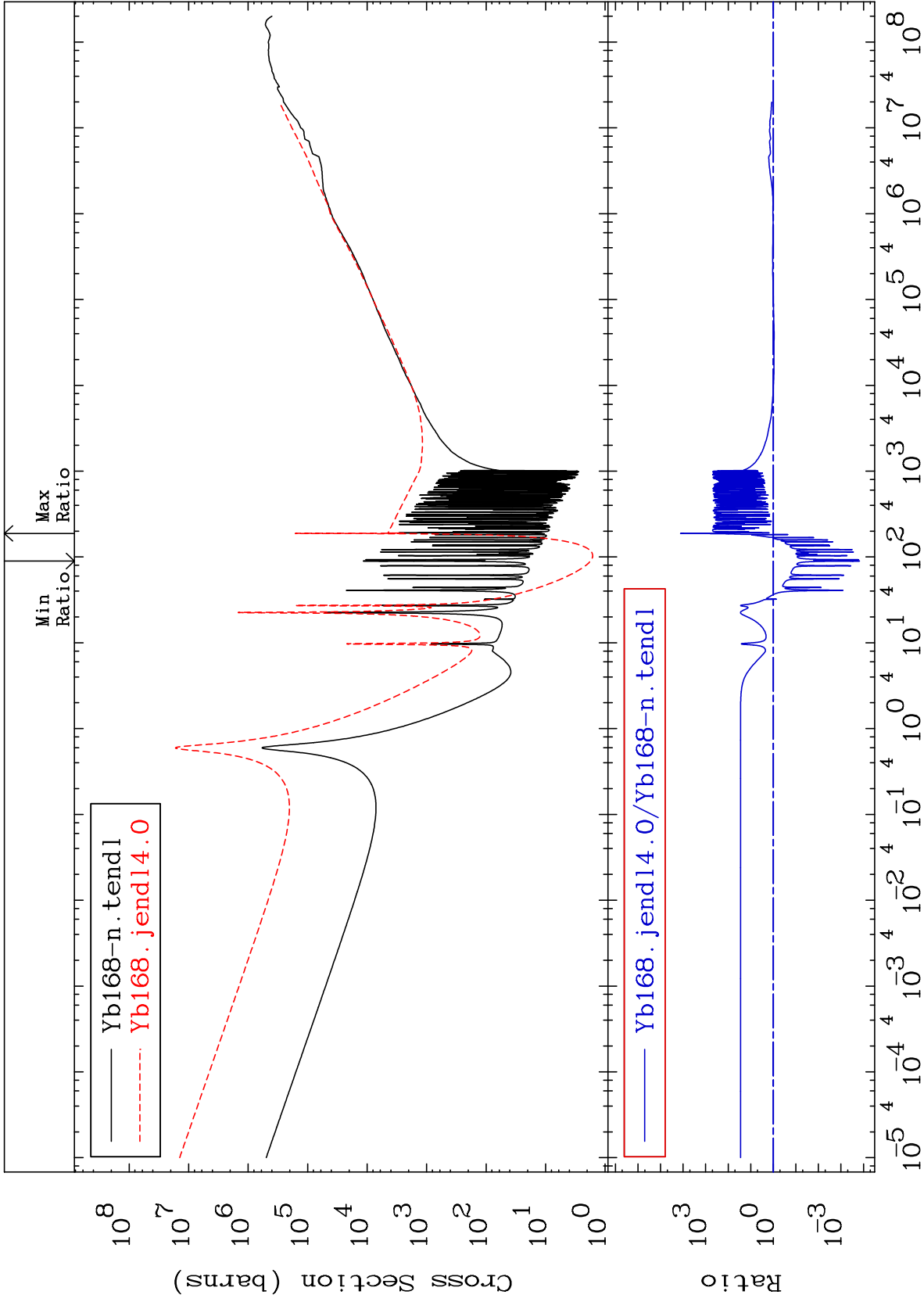


MAT 7025

Dpa total (eV-barns)

70-Yb-168

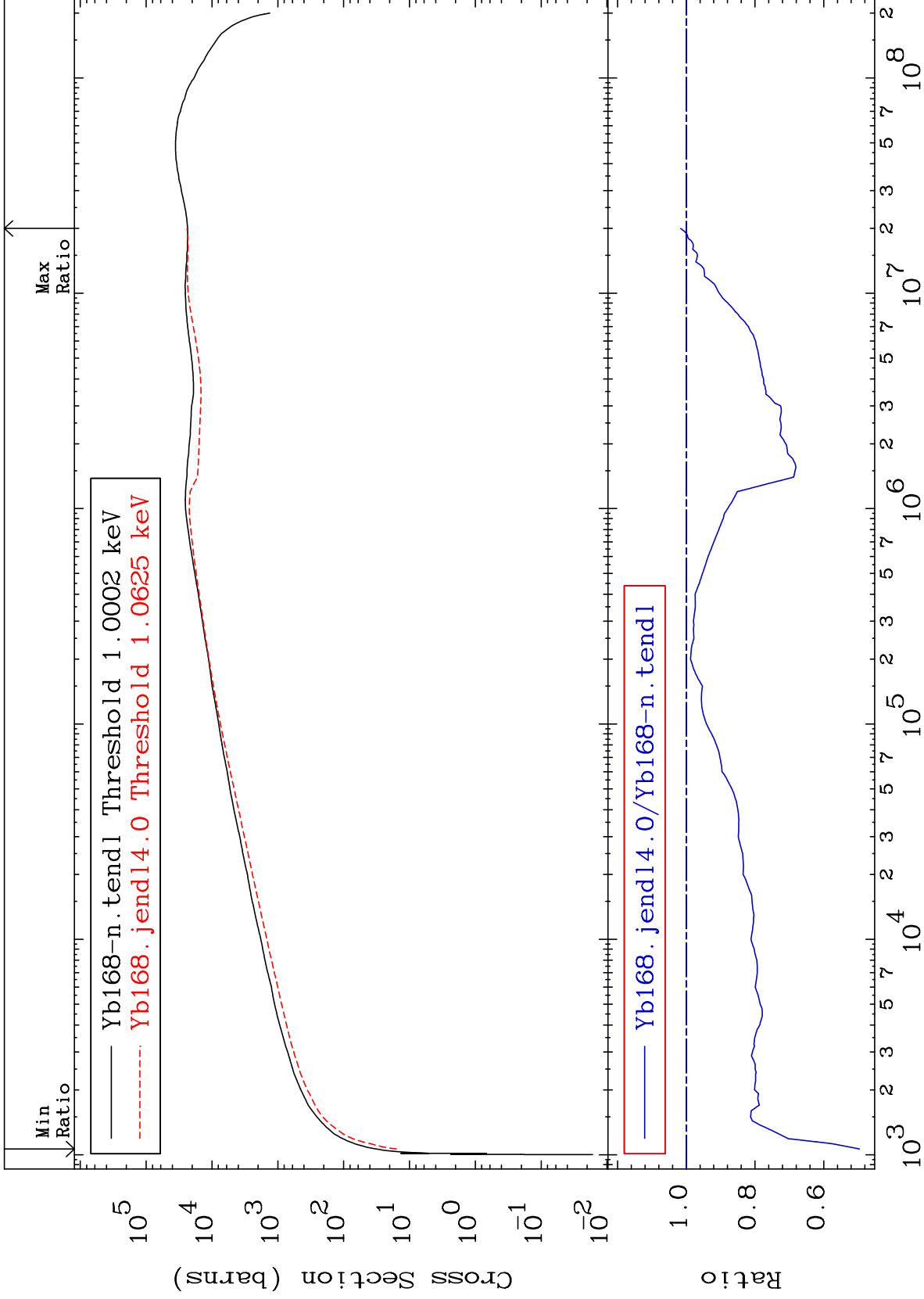
-99.98 To 9999. %



MAT 7025

Dpa elastic (mt2)
Cross Section

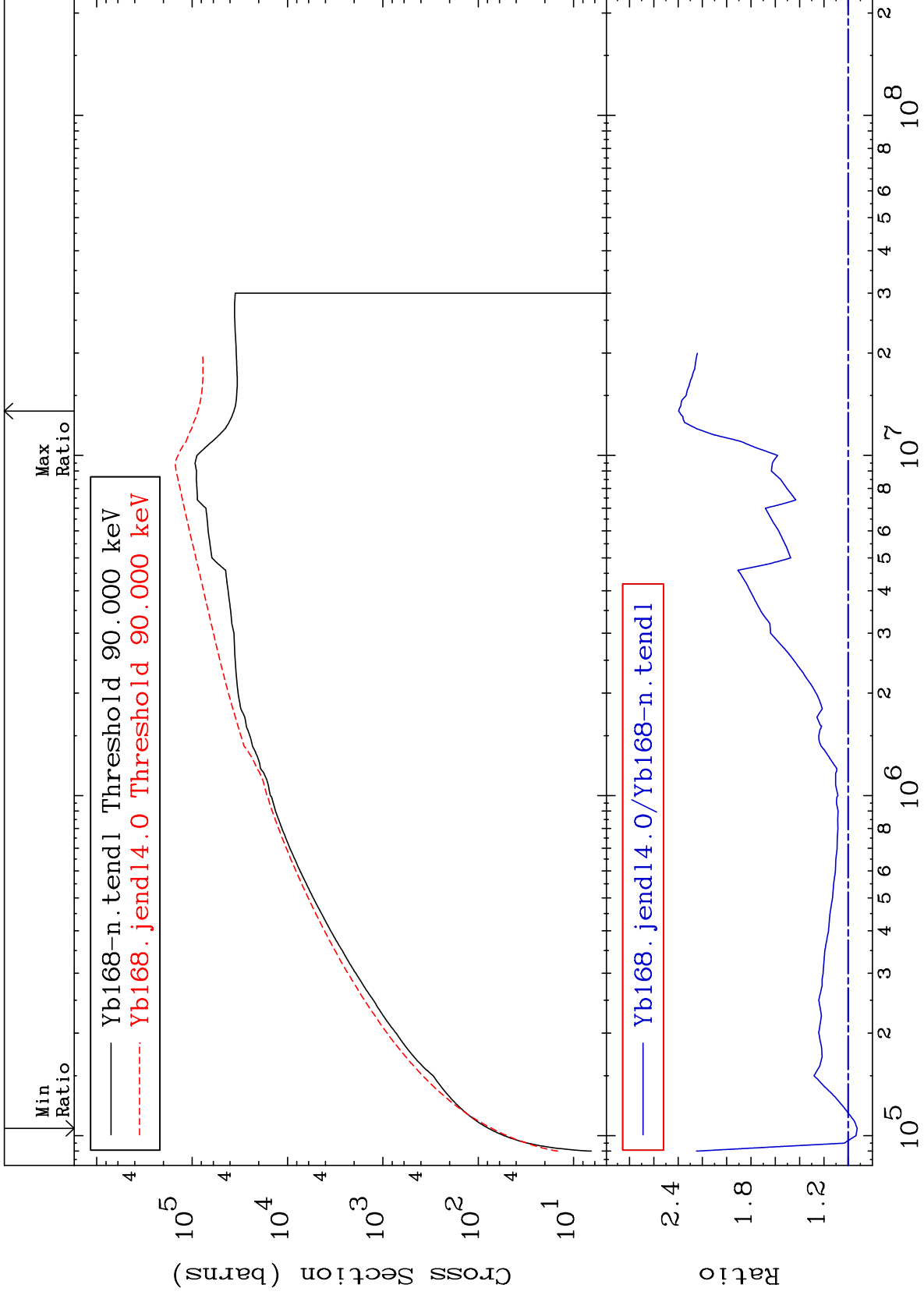
70-Yb-168
-50.40 To 1.725 %



MAT 7025

Dpa inelastic (mt51-91)
Cross Section

70-Yb-168
-7.470 To 139.6 %



45

Incident Energy (eV)

70-Yb-168

