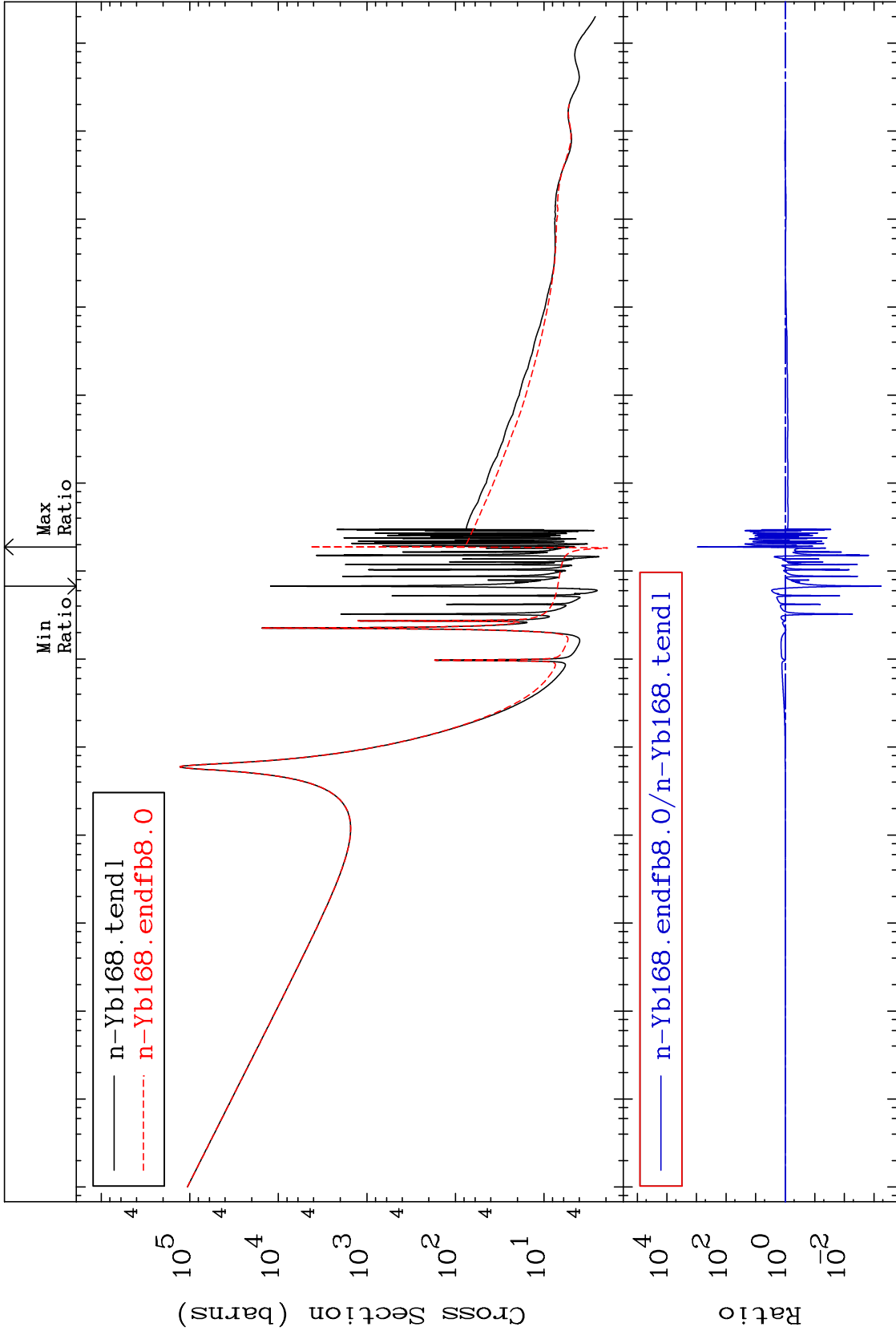


MAT 7025

Total
Cross Section

70-Yb-168
-99.94 To 9999. %



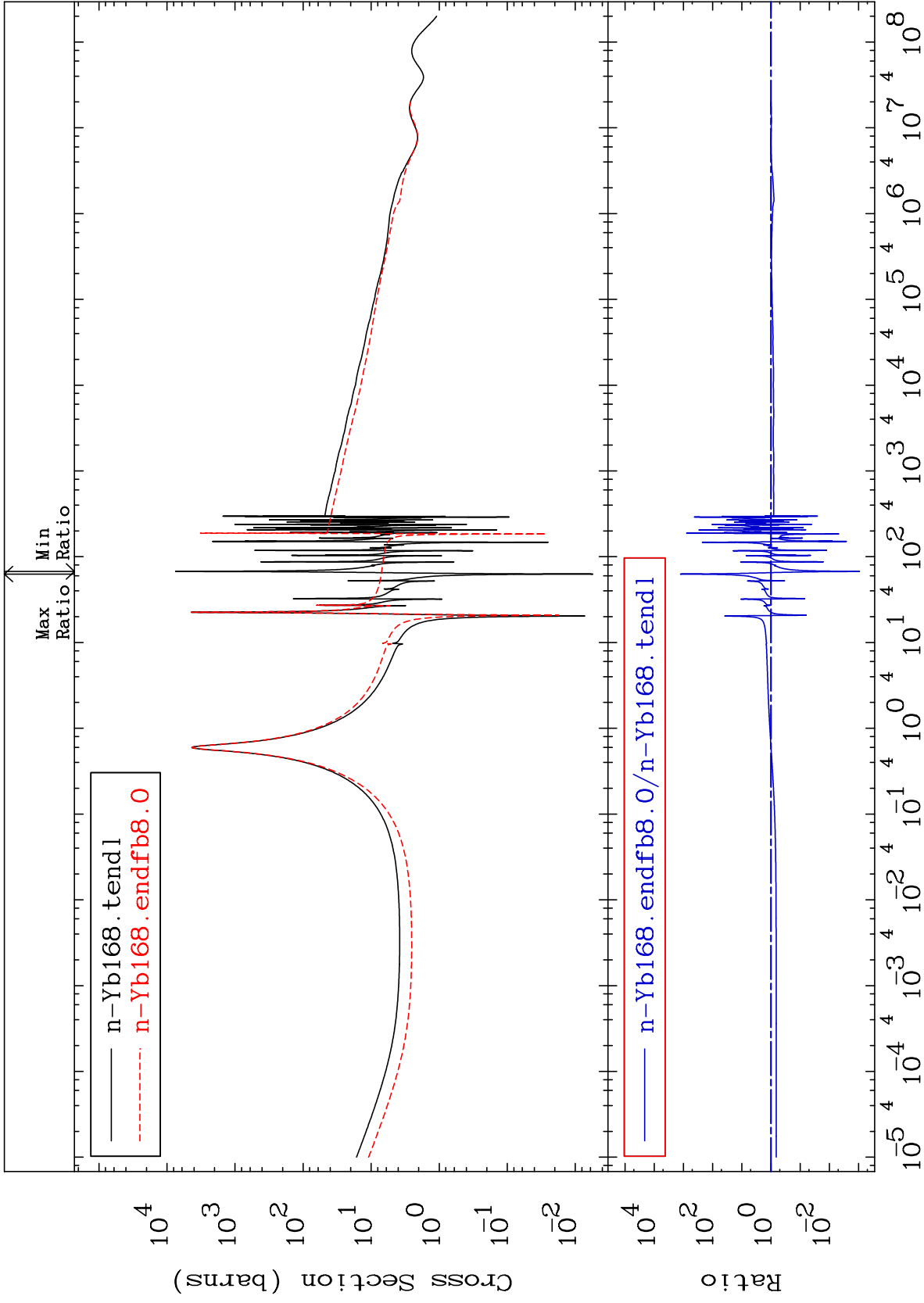
Incident Energy (eV)

70-Yb-168

MAT 7025

Elastic
Cross Section

70-Yb-168
-99.91 To 9999. %



2

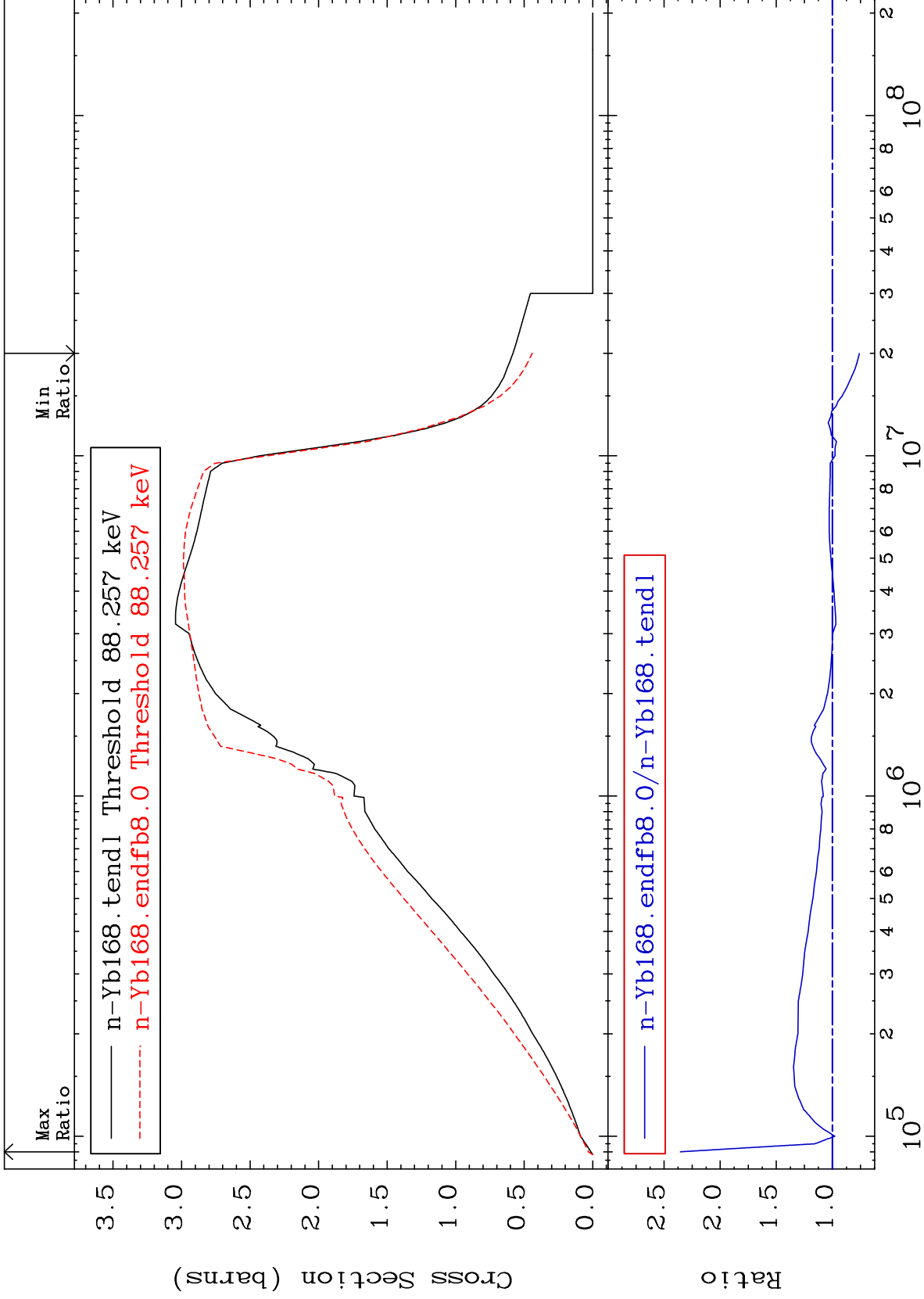
Incident Energy (eV)

70-Yb-168

MAT 7025

Inelastic
Cross Section

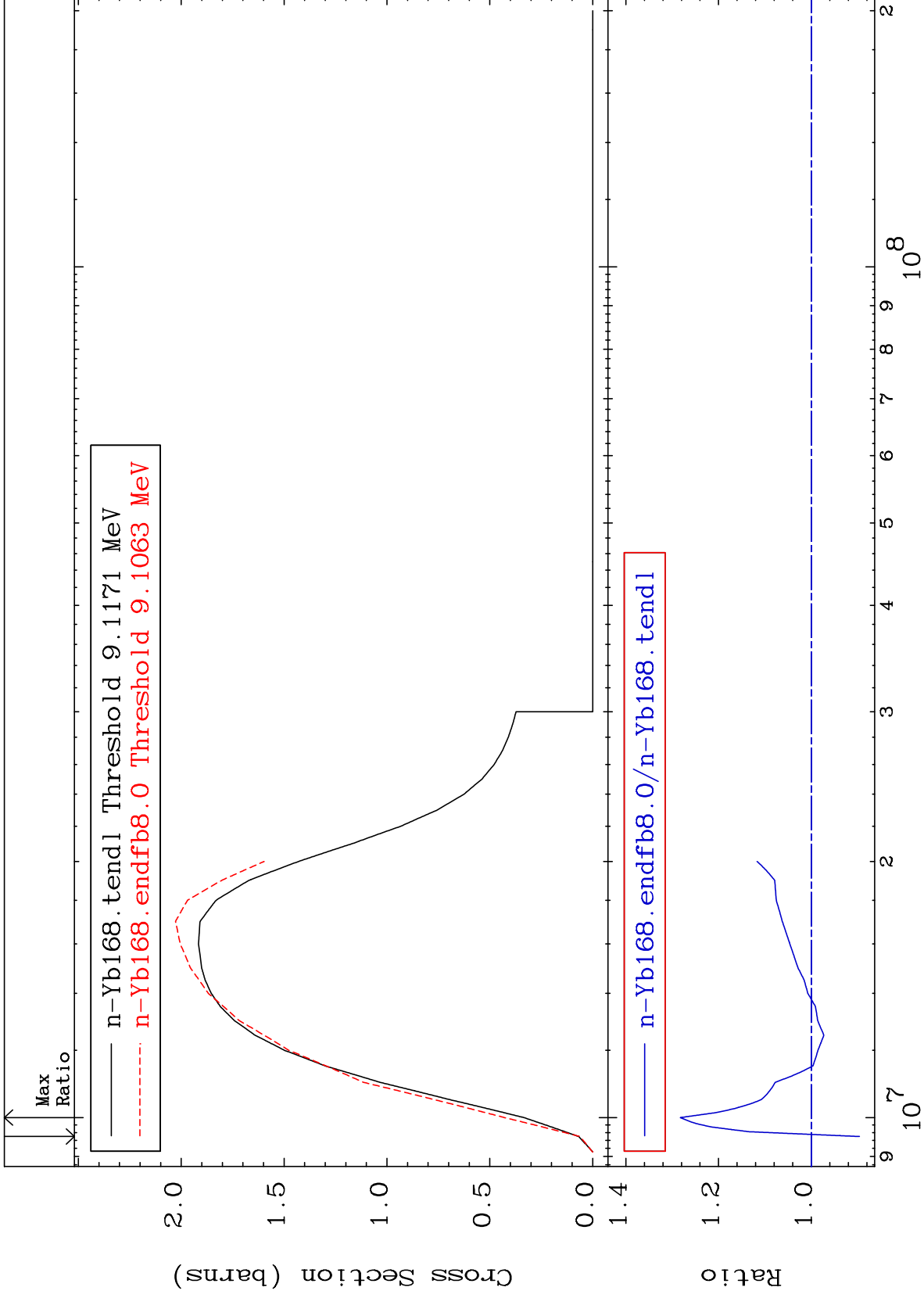
70-Yb-168
-24.08 To 135.5 %



MAT 7025

(n,2n)
Cross Section

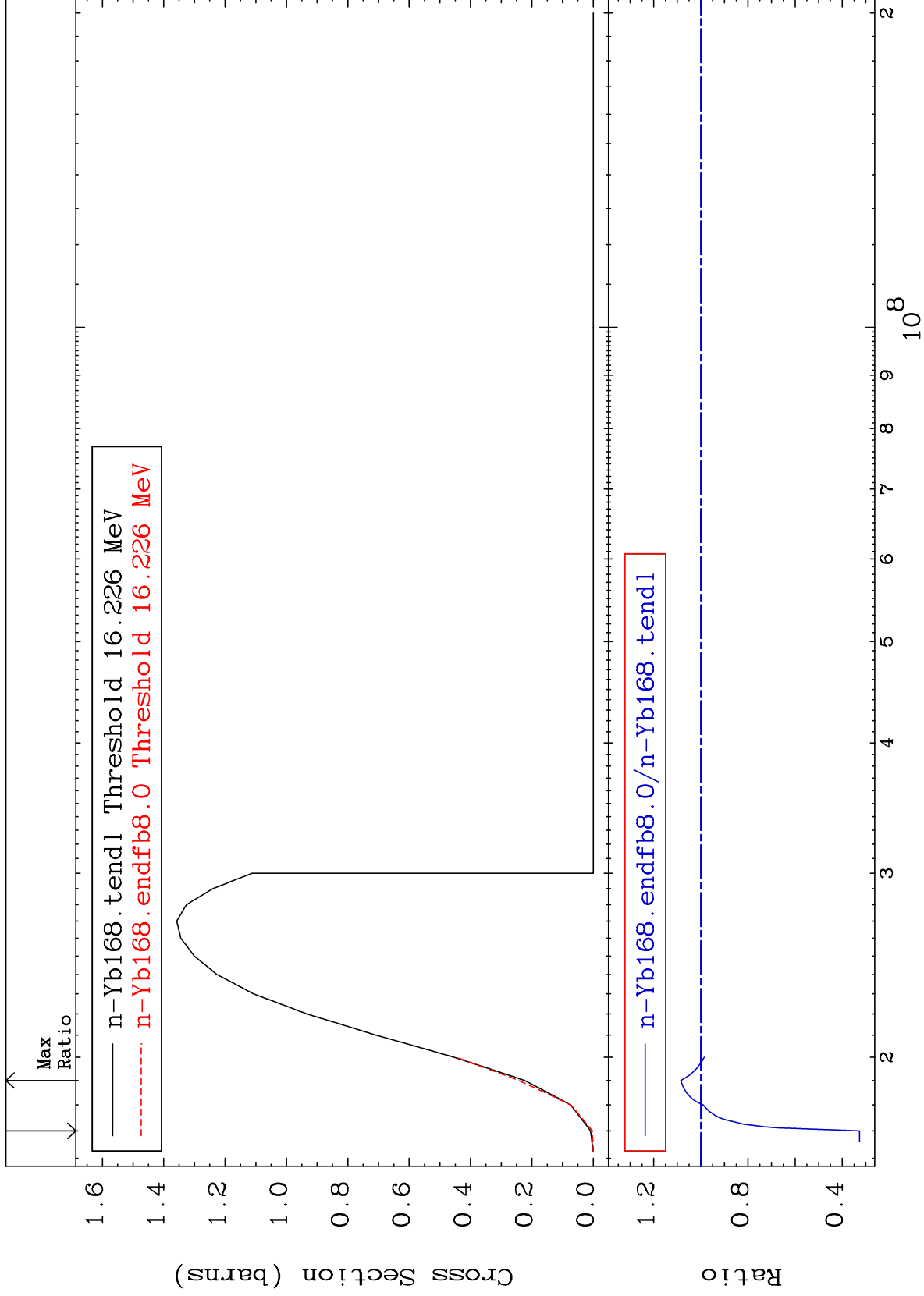
70-Yb-168
-10.37 To 28.24 %



4

70-Yb-168

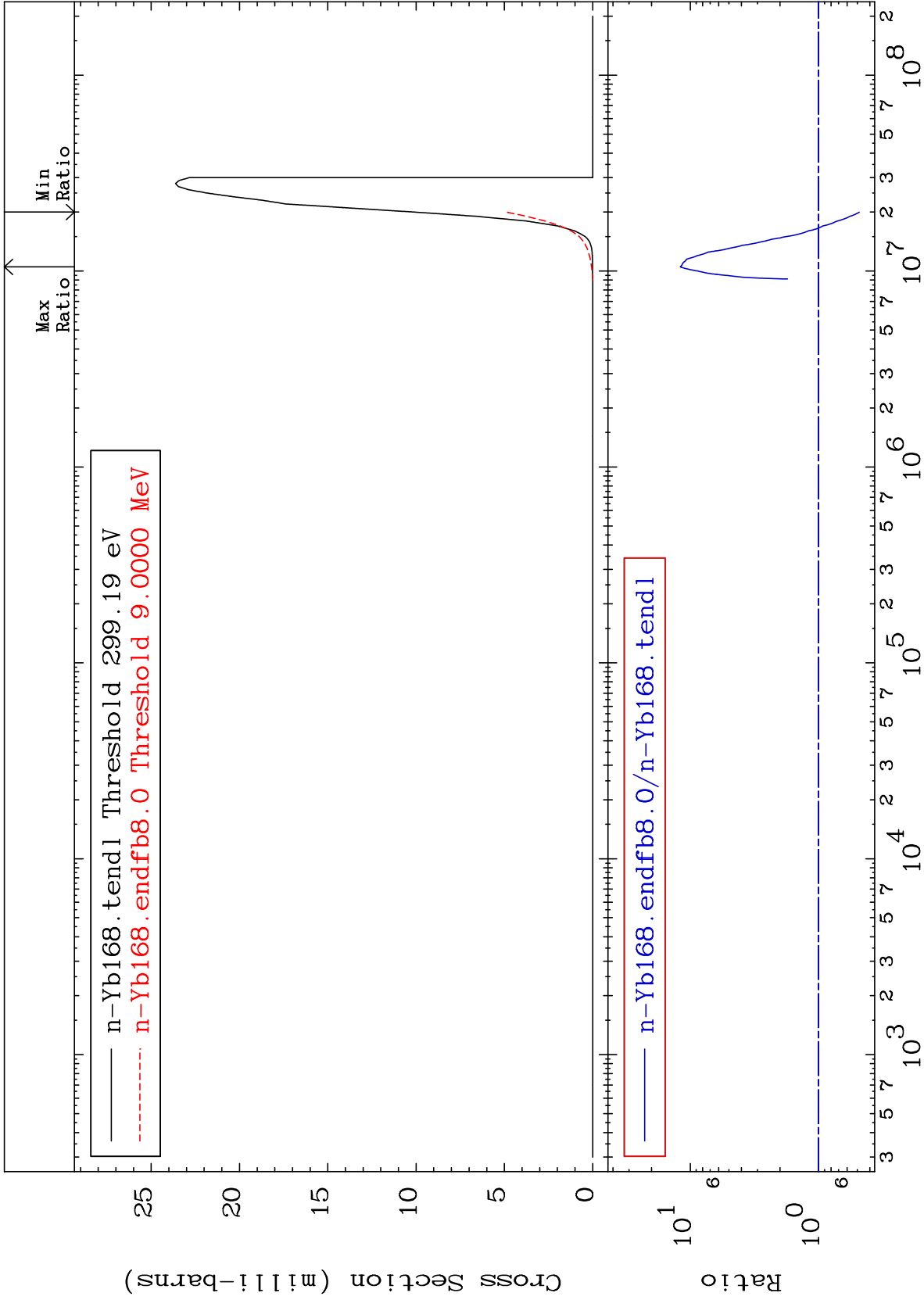
70-Yb-168



MAT 7025

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

70-Yb-168
-51.87 To 1093. %



6

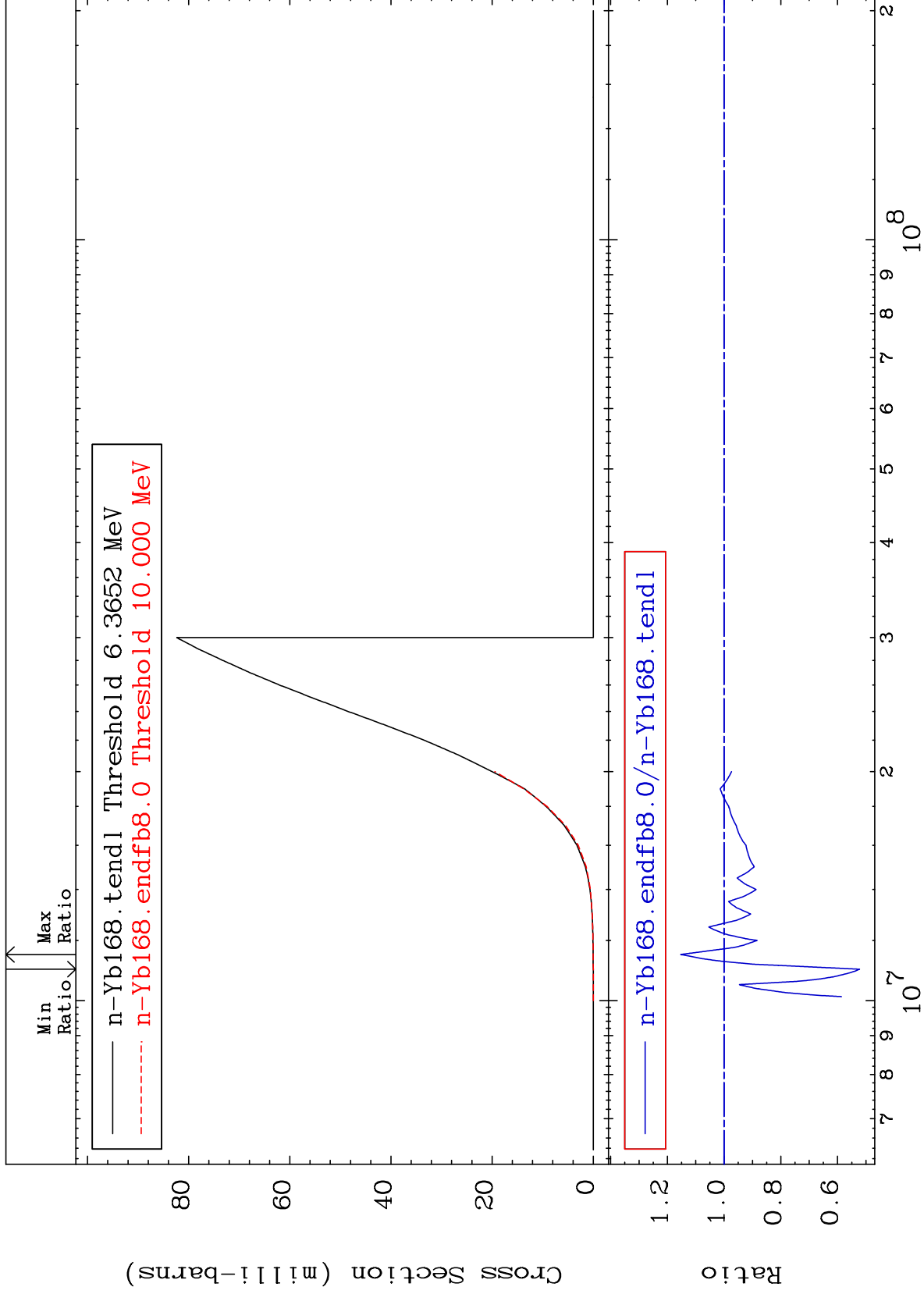
Incident Energy (eV)

70-Yb-168

MAT 7025

(n,n') p
Cross Section

70-Yb-168
-47.75 To 15.27 %



7

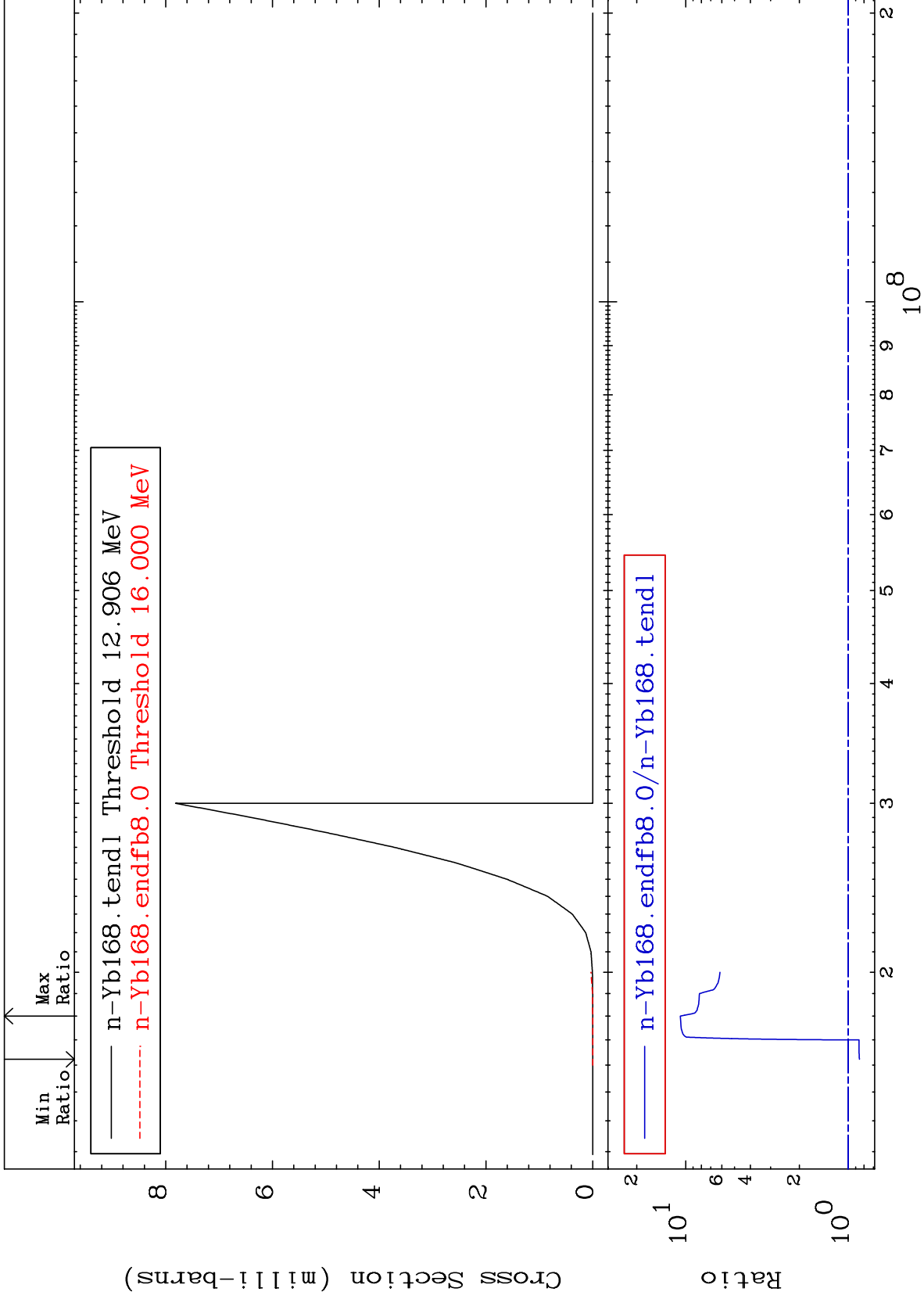
Incident Energy (eV)

70-Yb-168

MAT 7025

(n, n') d
Cross Section

70-Yb-168
-14.66 To 977.8 %



8

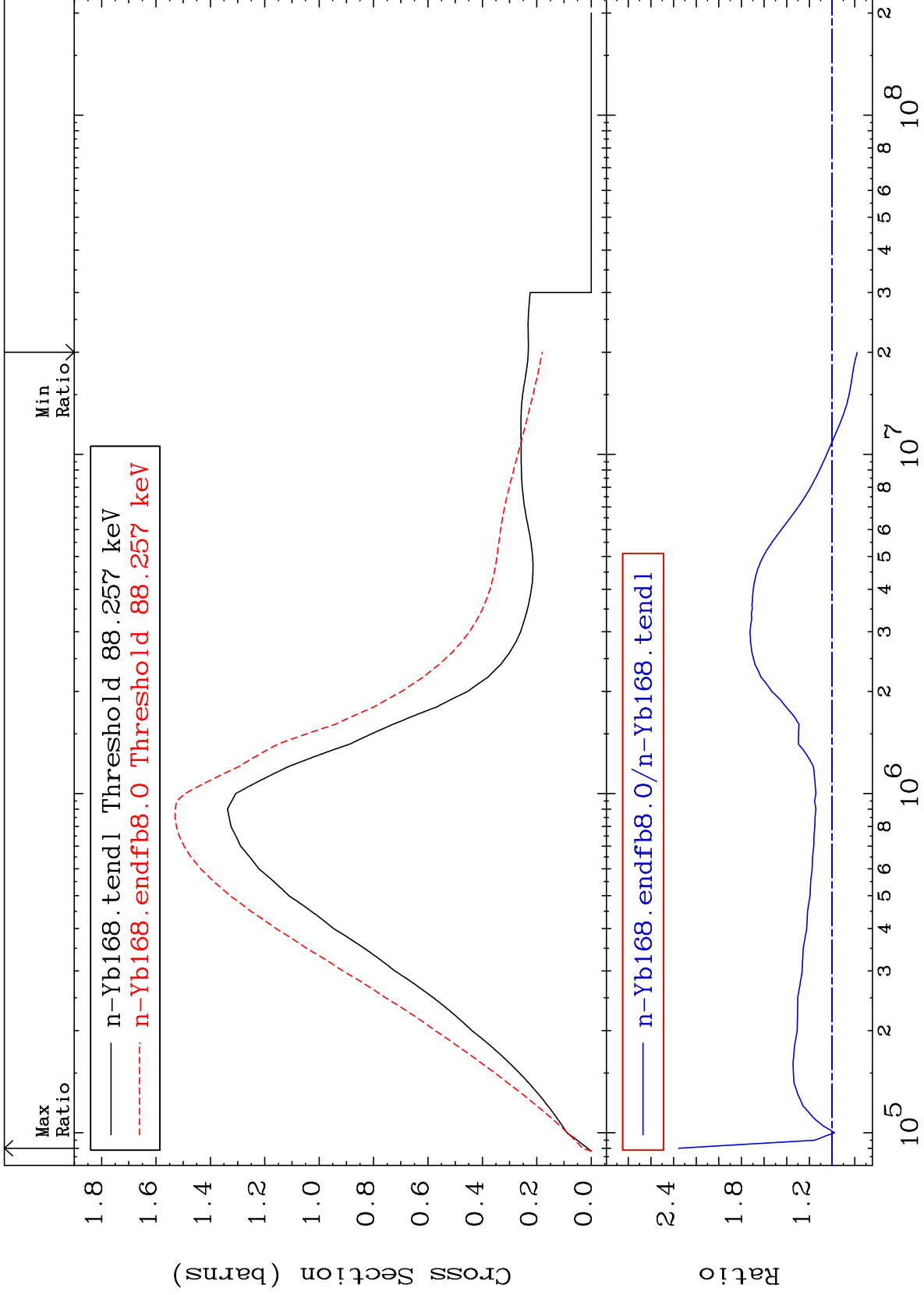
Incident Energy (eV)

70-Yb-168

MAT 7025

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

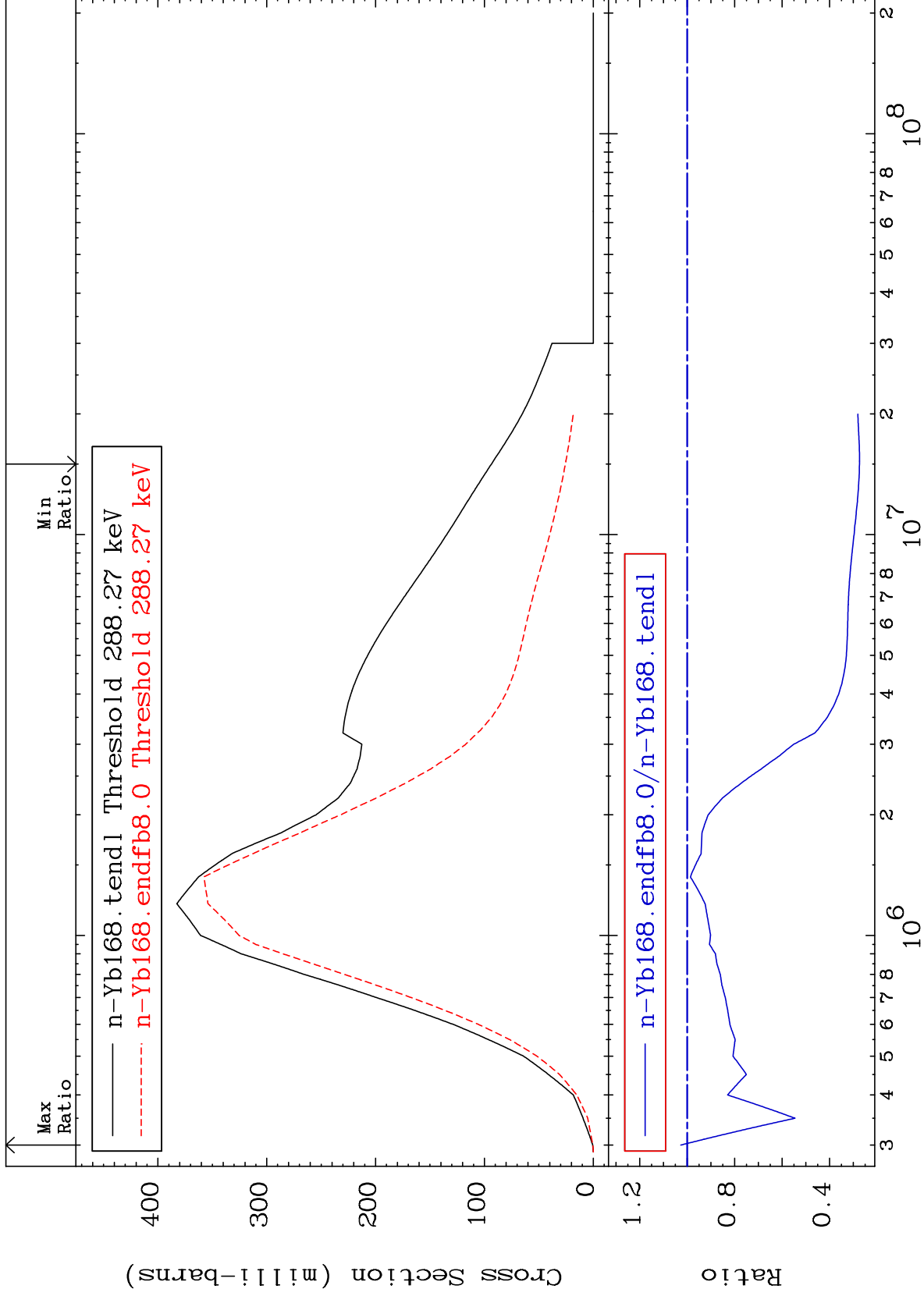
70-Yb-168
-22.26 To 135.5 %



MAT 7025

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

70-Yb-168
-72.65 To 2.727 %



10

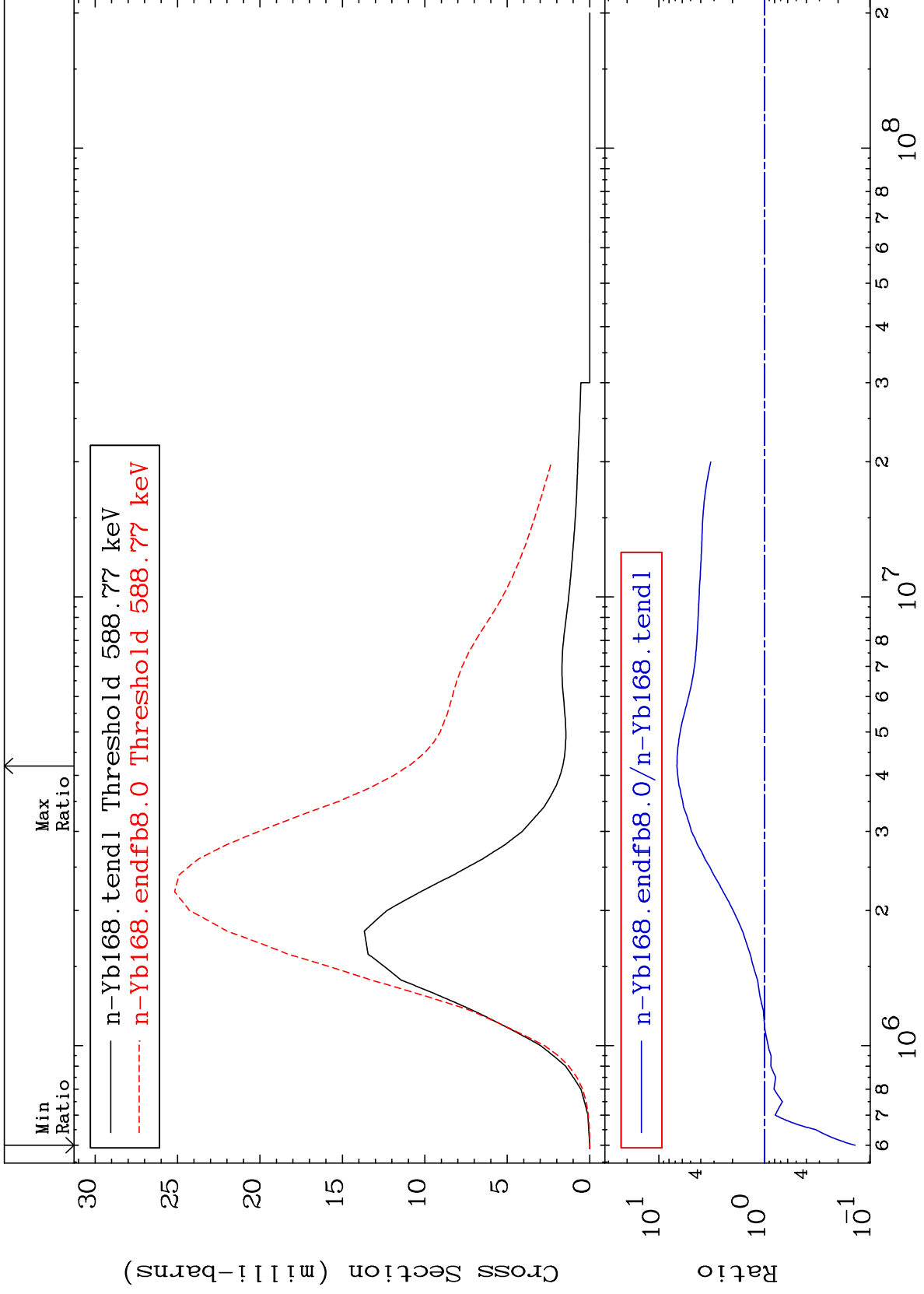
Incident Energy (eV)

70-Yb-168

MAT 7025

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

70-Yb-168
-86.20 To 573.4 %



11

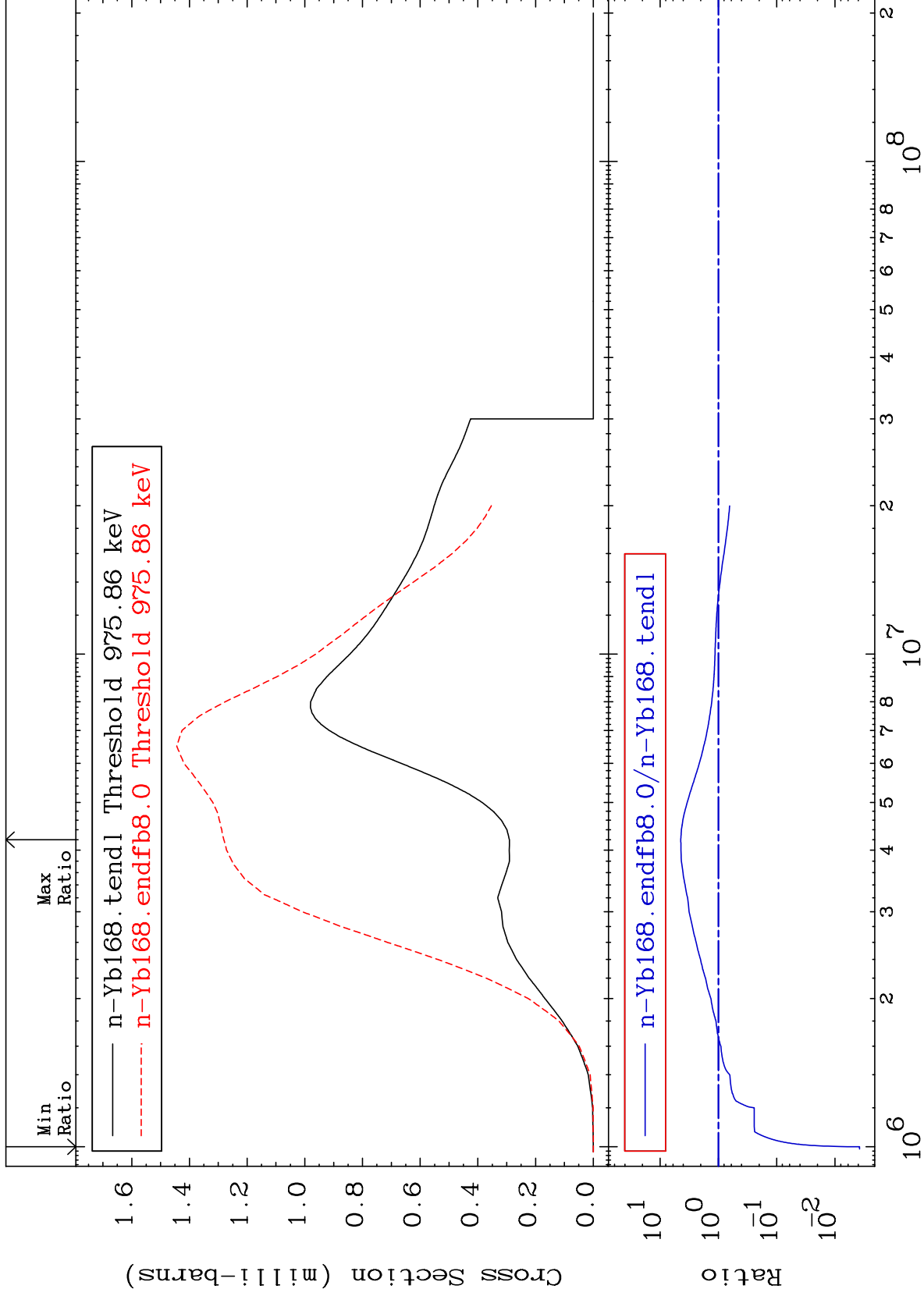
Incident Energy (eV)

70-Yb-168

MAT 7025

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

70-Yb-168
-99.62 To 341.0 %



12

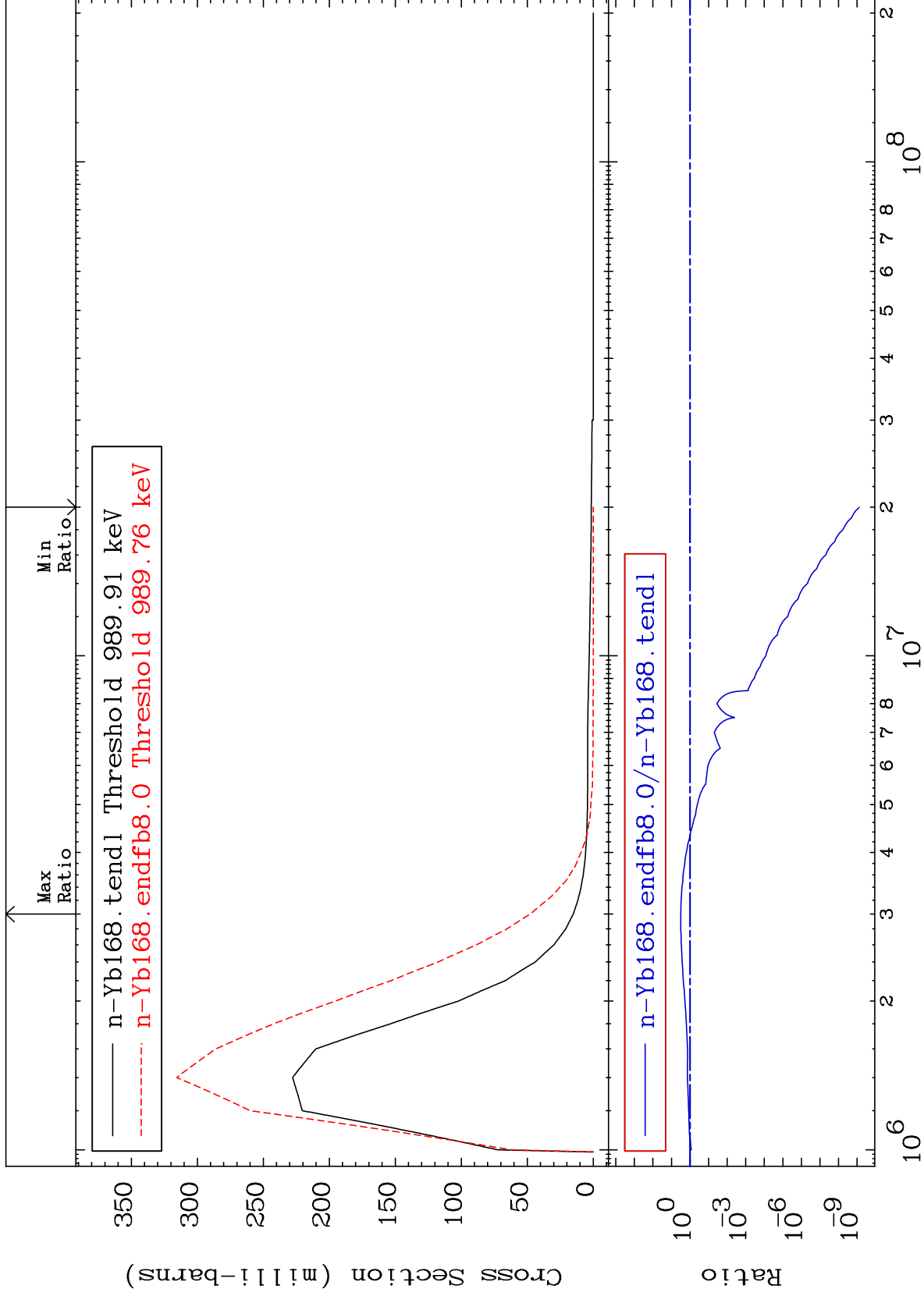
Incident Energy (eV)

70-Yb-168

MAT 7025

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

70-Yb-168
-100.0 To 215.6 %



13

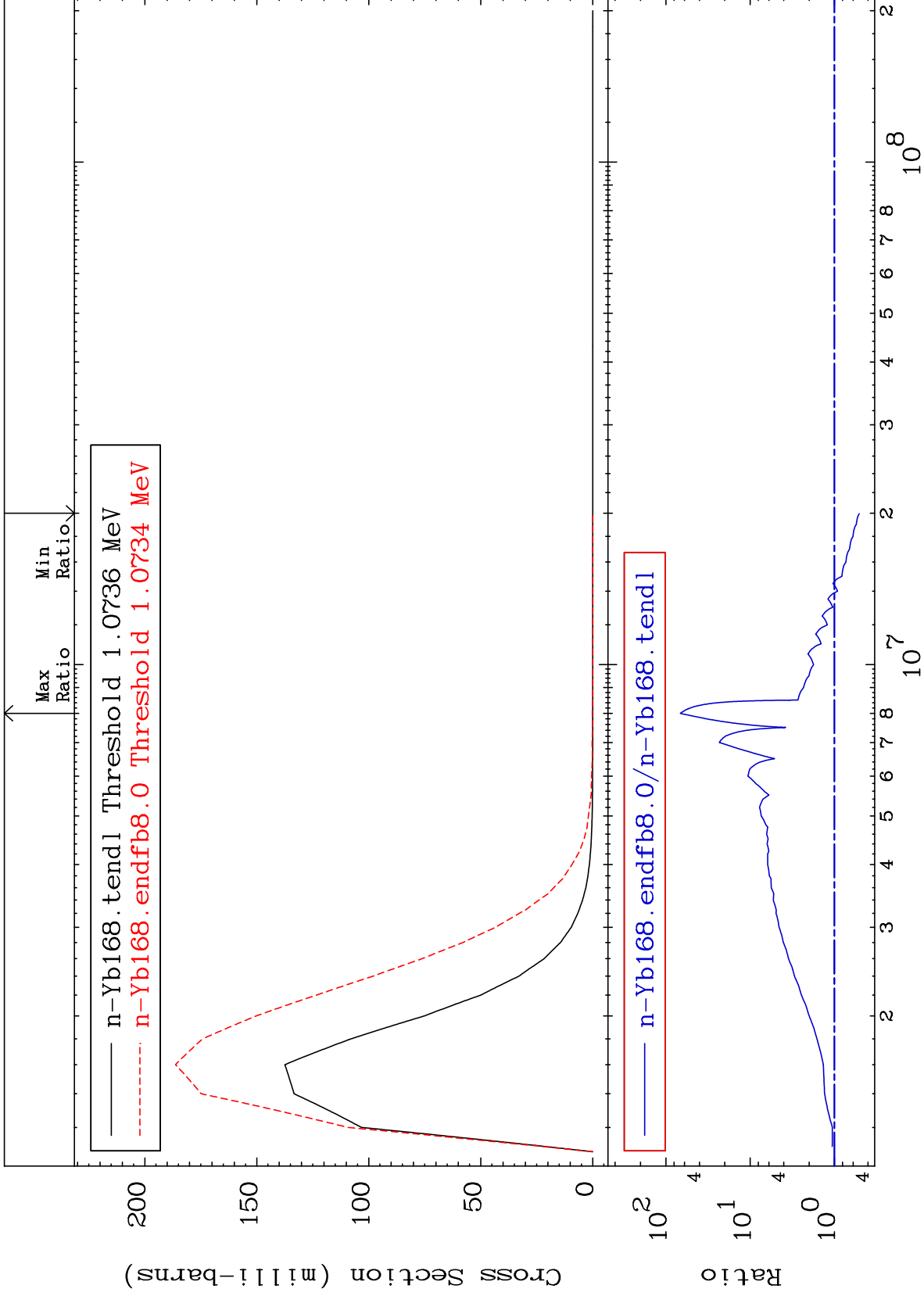
Incident Energy (eV)

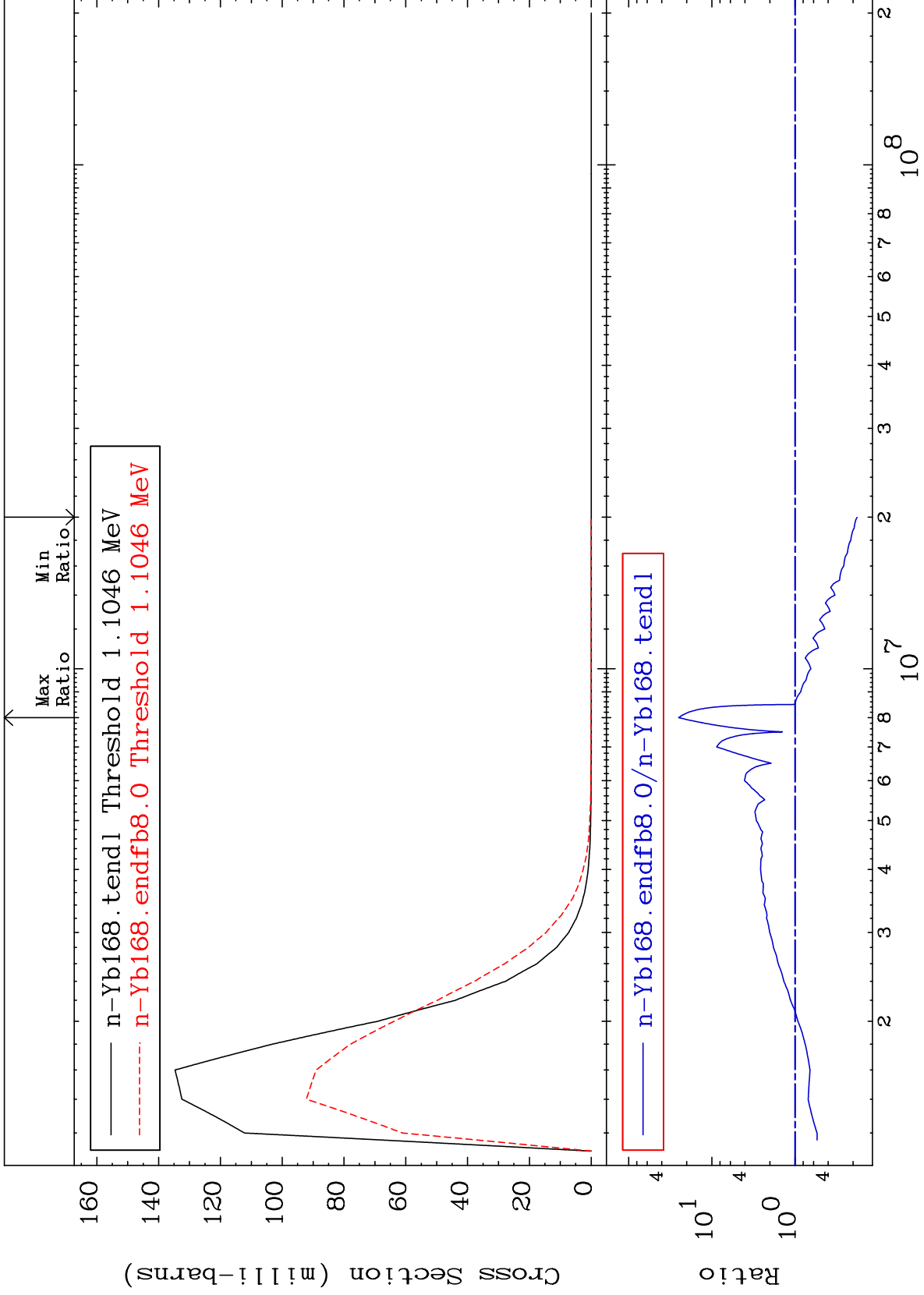
70-Yb-168

MAT 7025

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

70-Yb-168
-49.43 To 6628. %

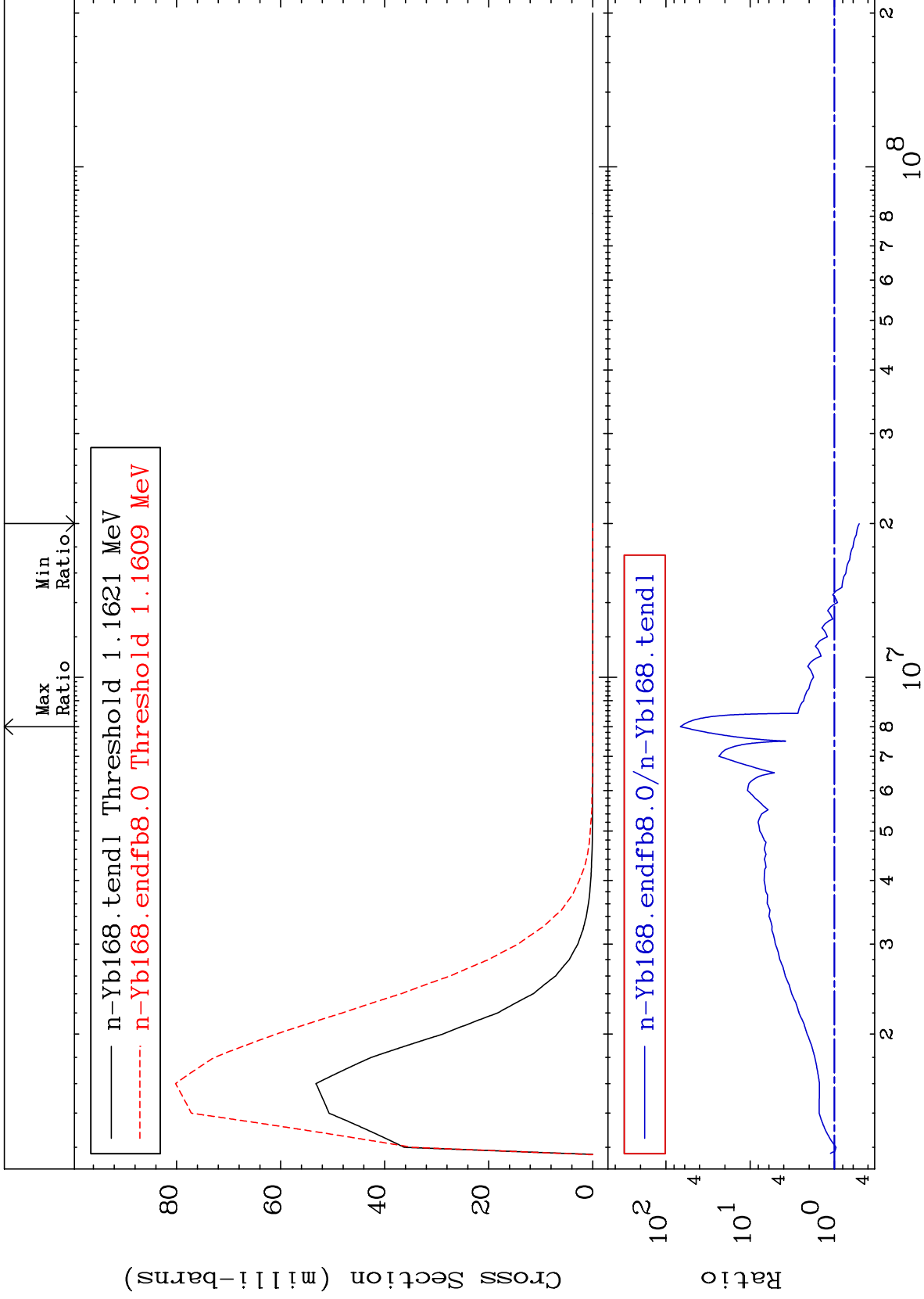




MAT 7025

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

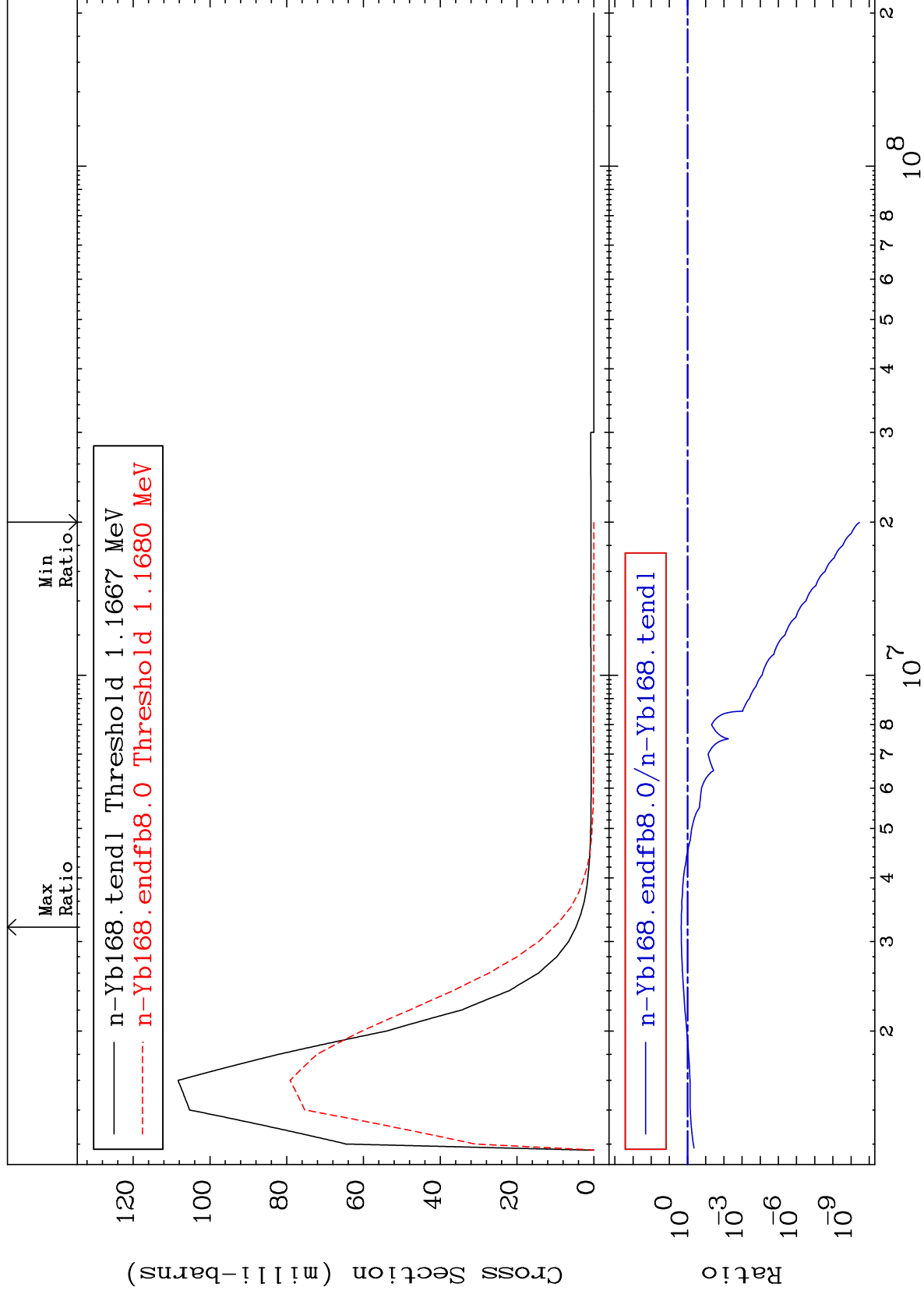
70-Yb-168
-49.42 To 6646. %



MAT 7025

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

70-Yb-168
-100.0 To 123.9 %



17

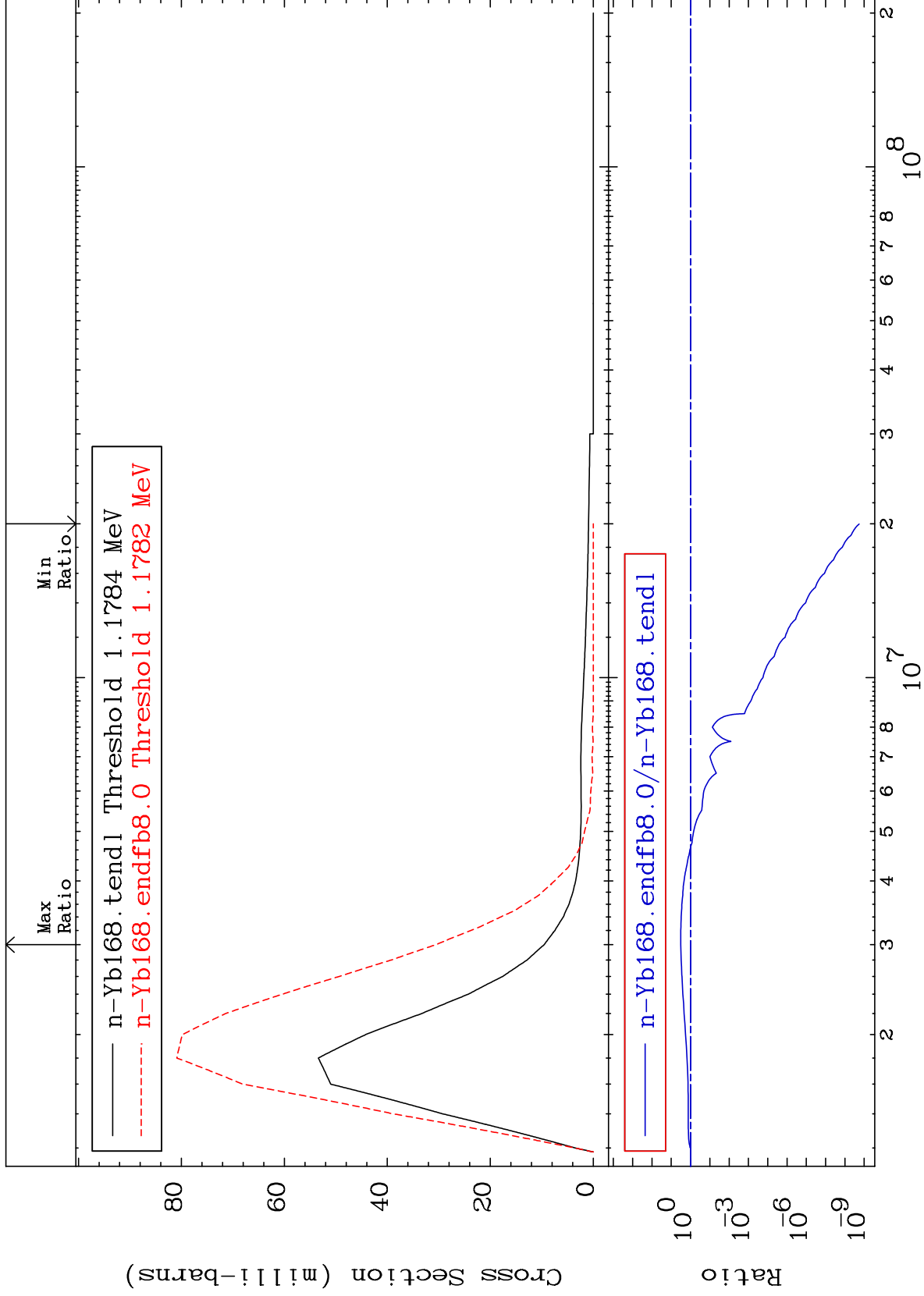
Incident Energy (eV)

70-Yb-168

MAT 7025

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

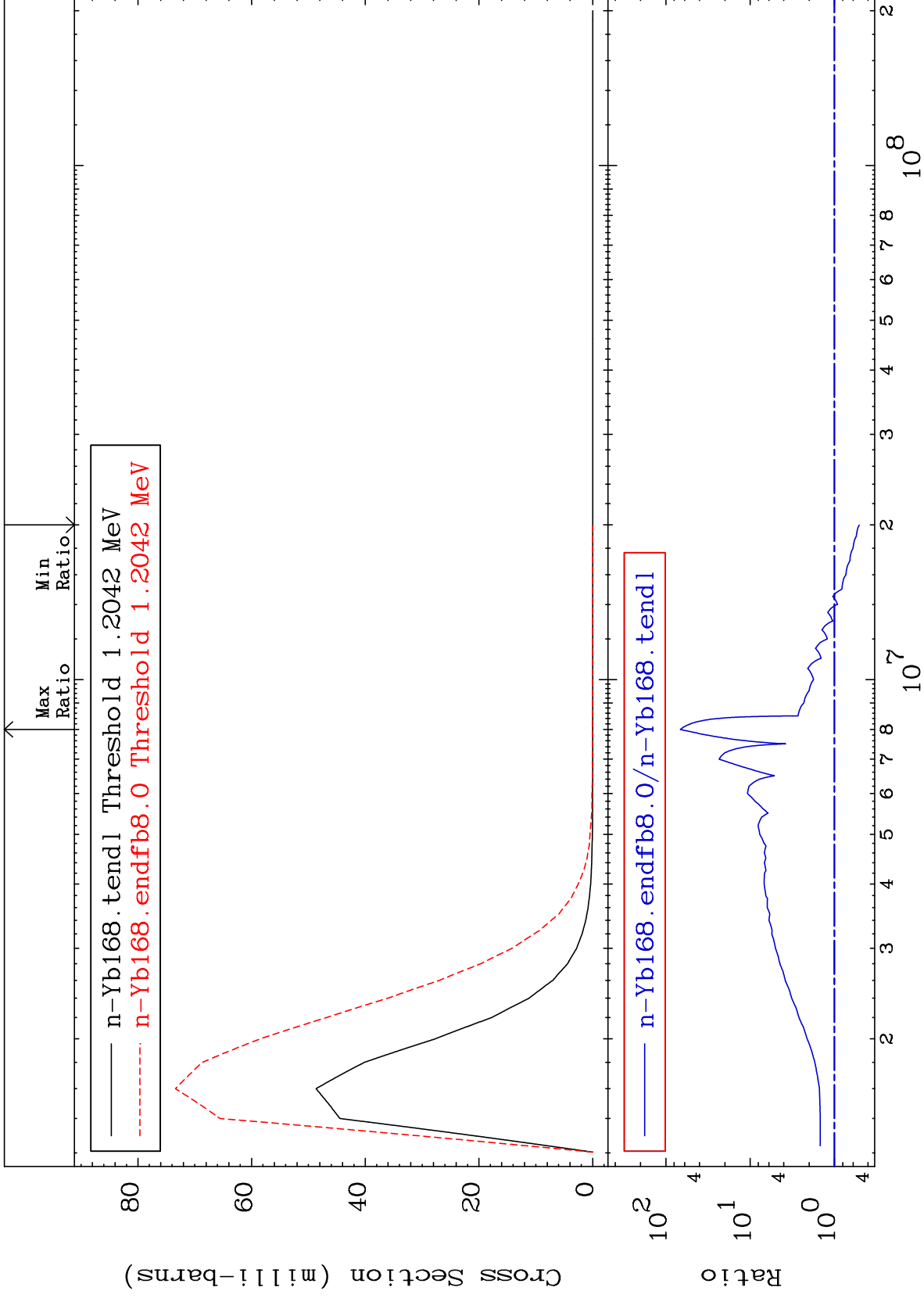
70-Yb-168
-100.0 To 220.5 %



MAT 7025

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

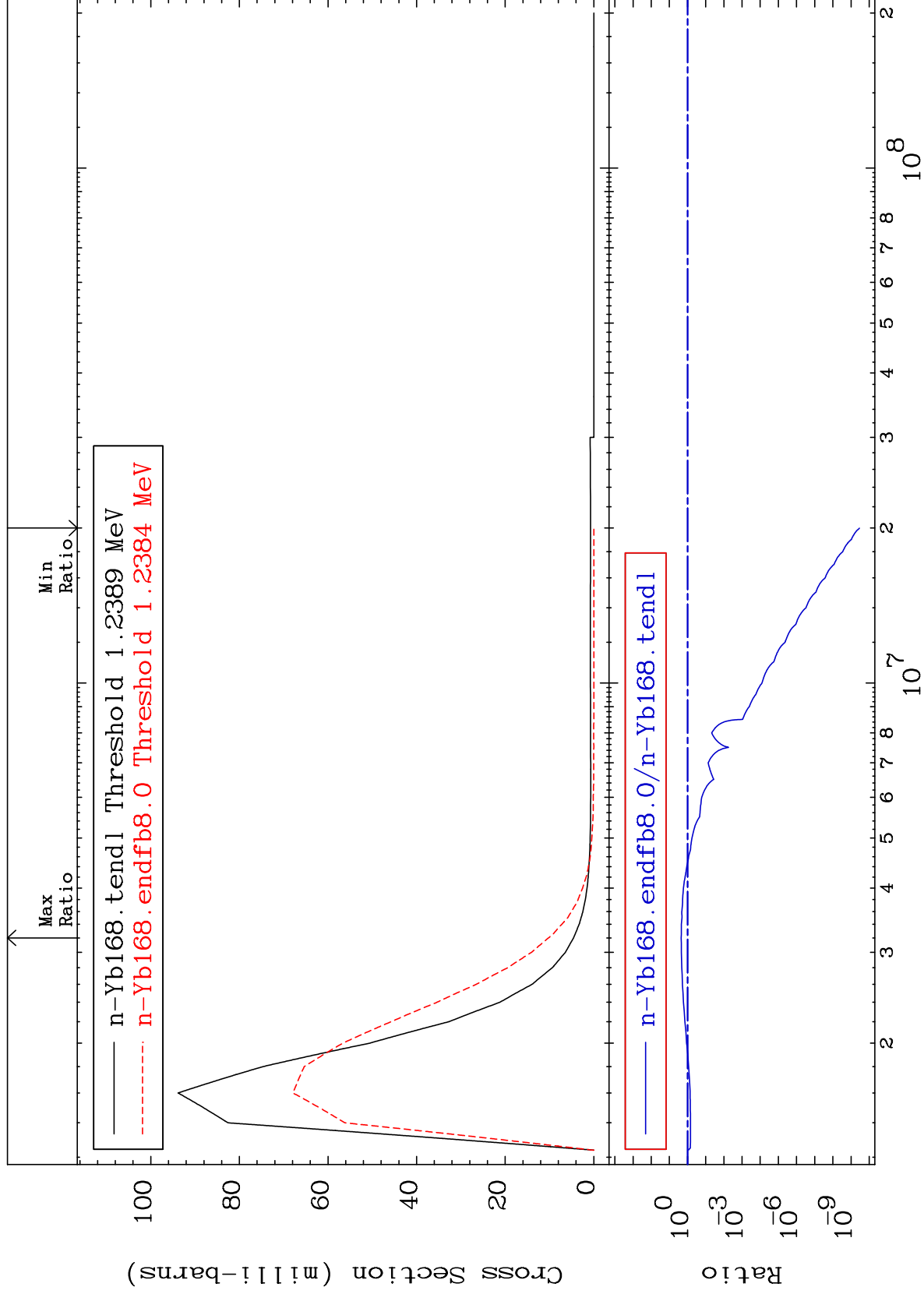
70-Yb-168
-49.41 To 6647. %



MAT 7025

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

70-Yb-168
-100.0 To 123.7 %



20

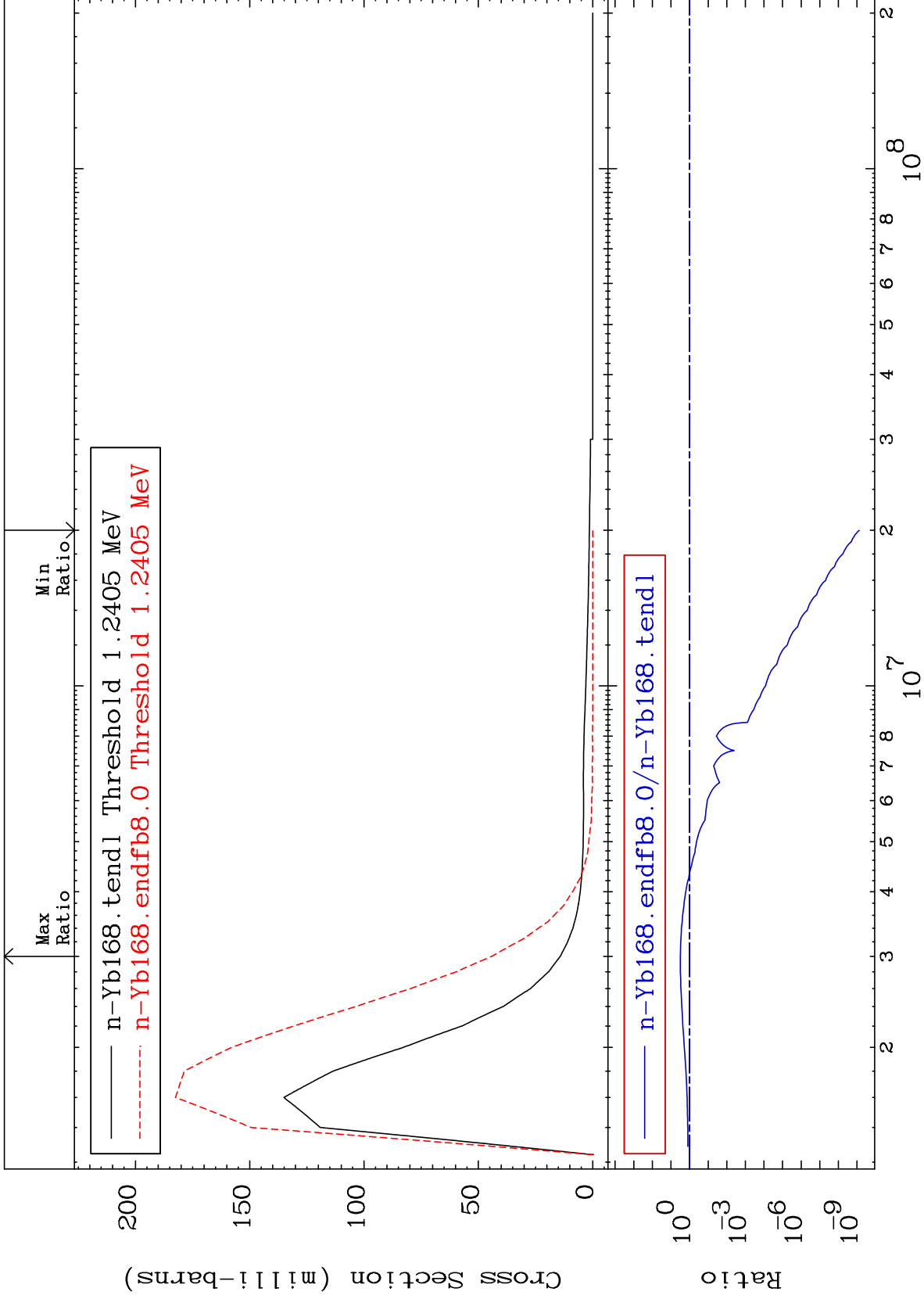
Incident Energy (eV)

70-Yb-168

MAT 7025

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

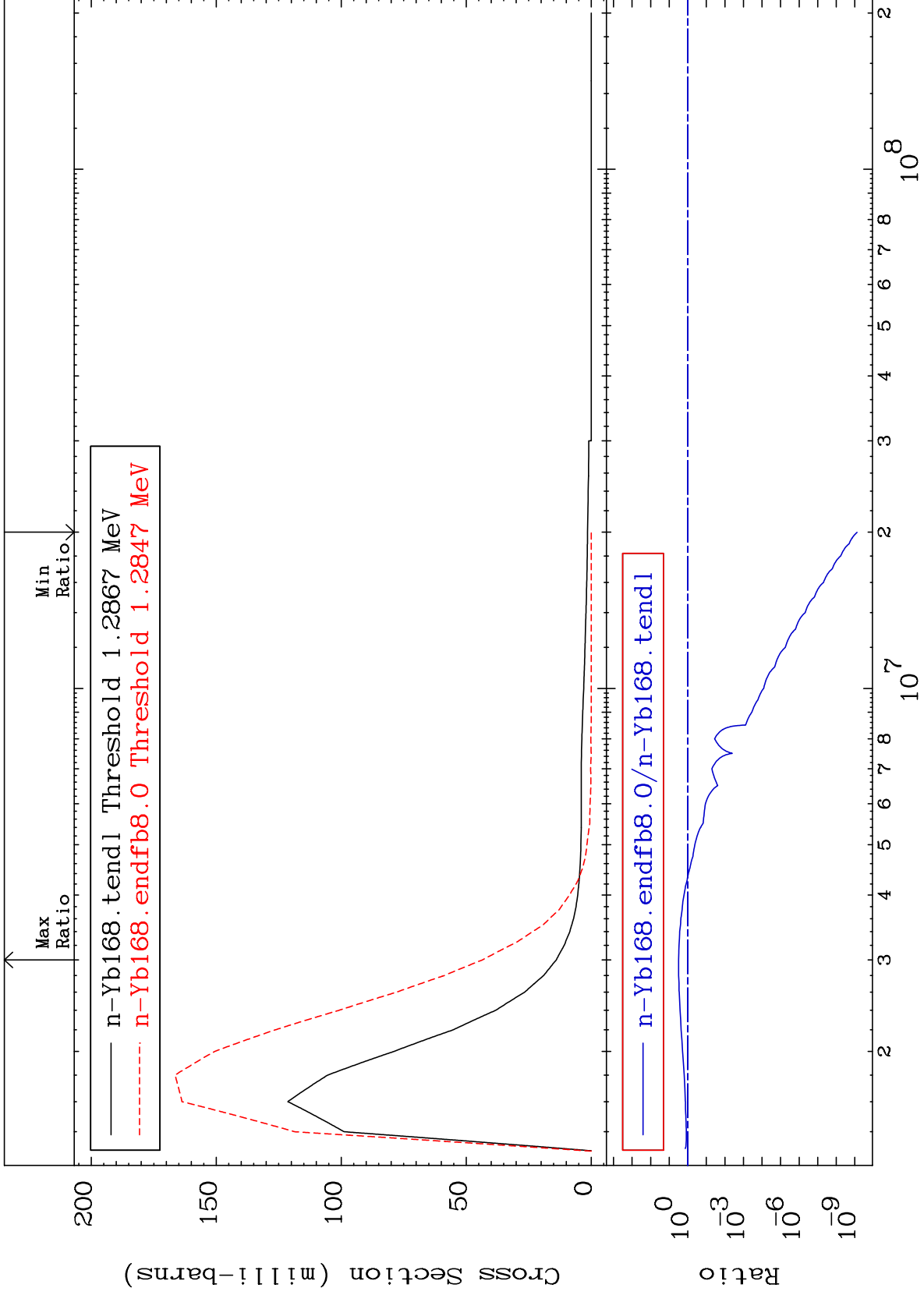
70-Yb-168
-100.0 To 211.8 %

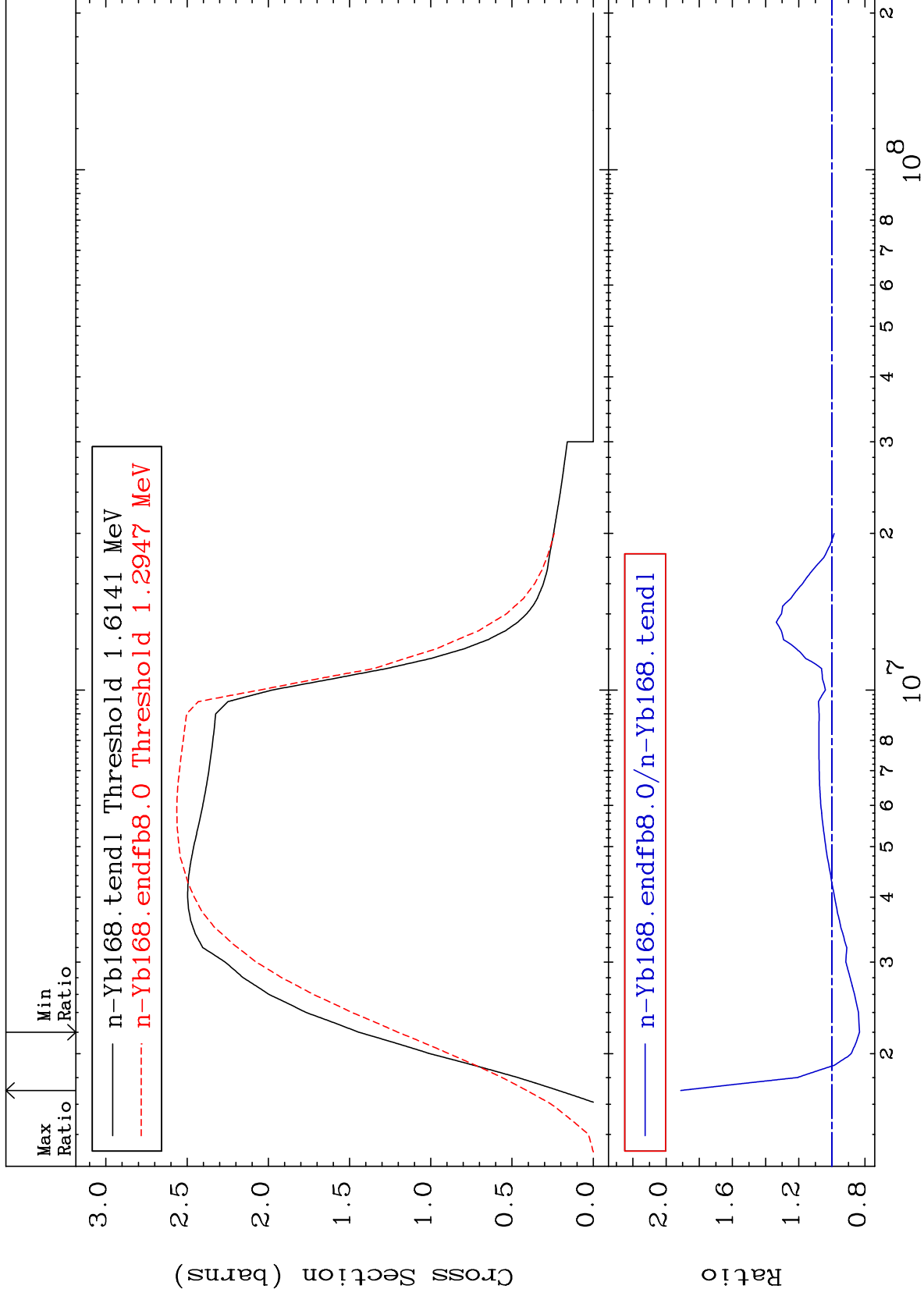


MAT 7025

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

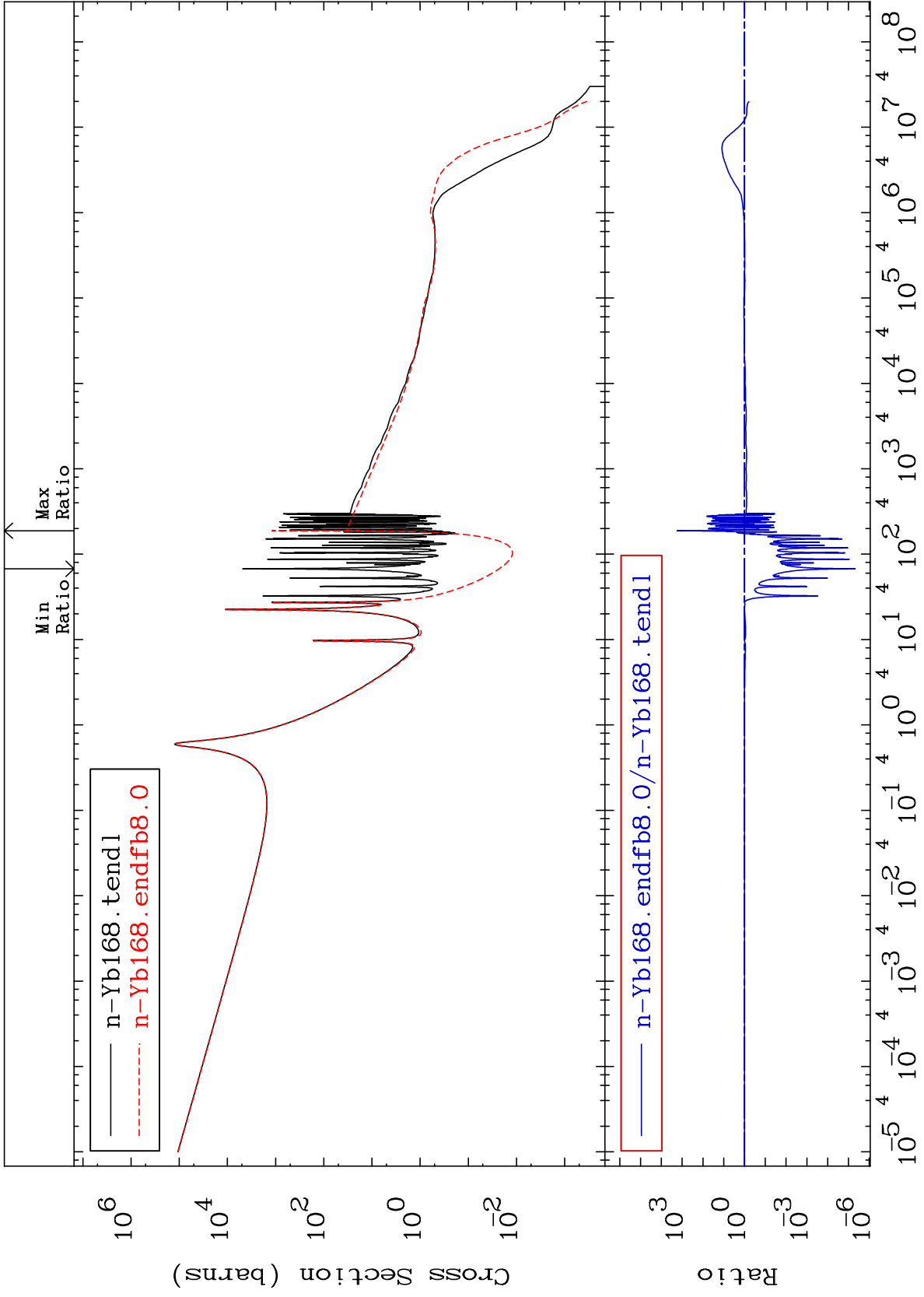
70-Yb-168
-100.0 To 211.1 %





MAT 7025

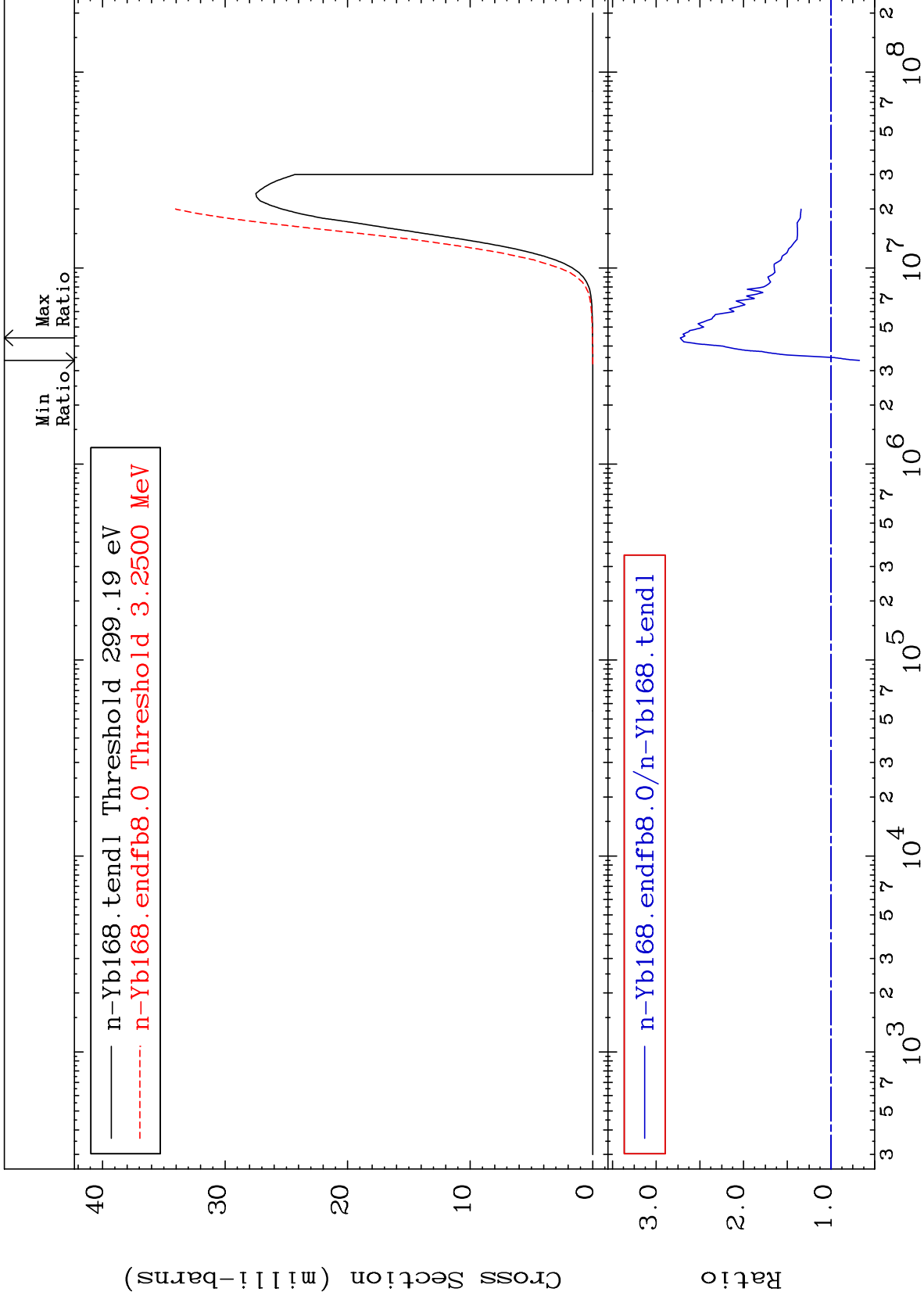
(n, γ)
Cross Section
70-Yb-168
-100.0 To 9999. %



MAT 7025

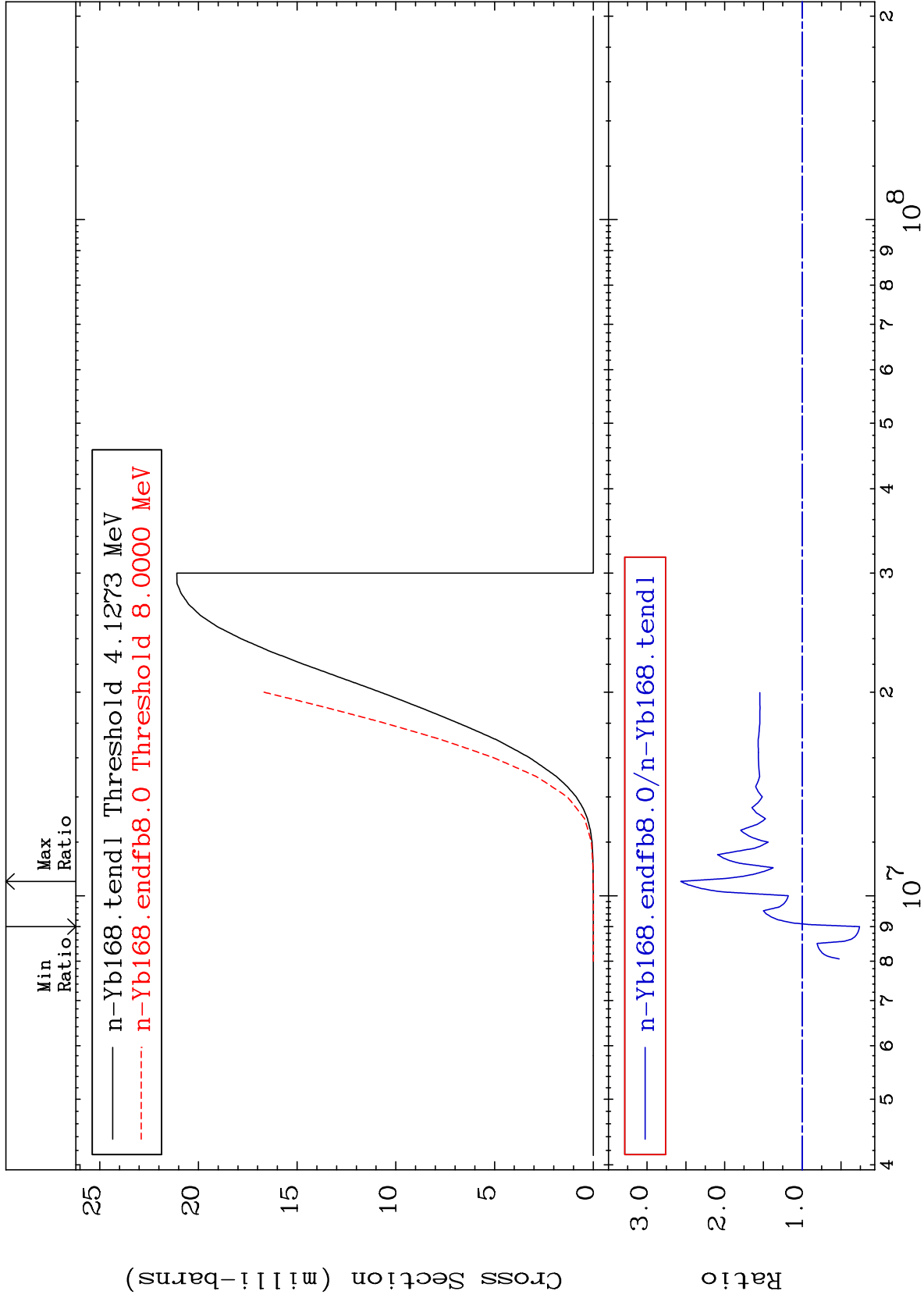
(n, p)
Cross Section

70-Yb-168
-32.56 To 172.3 %



Cross Section

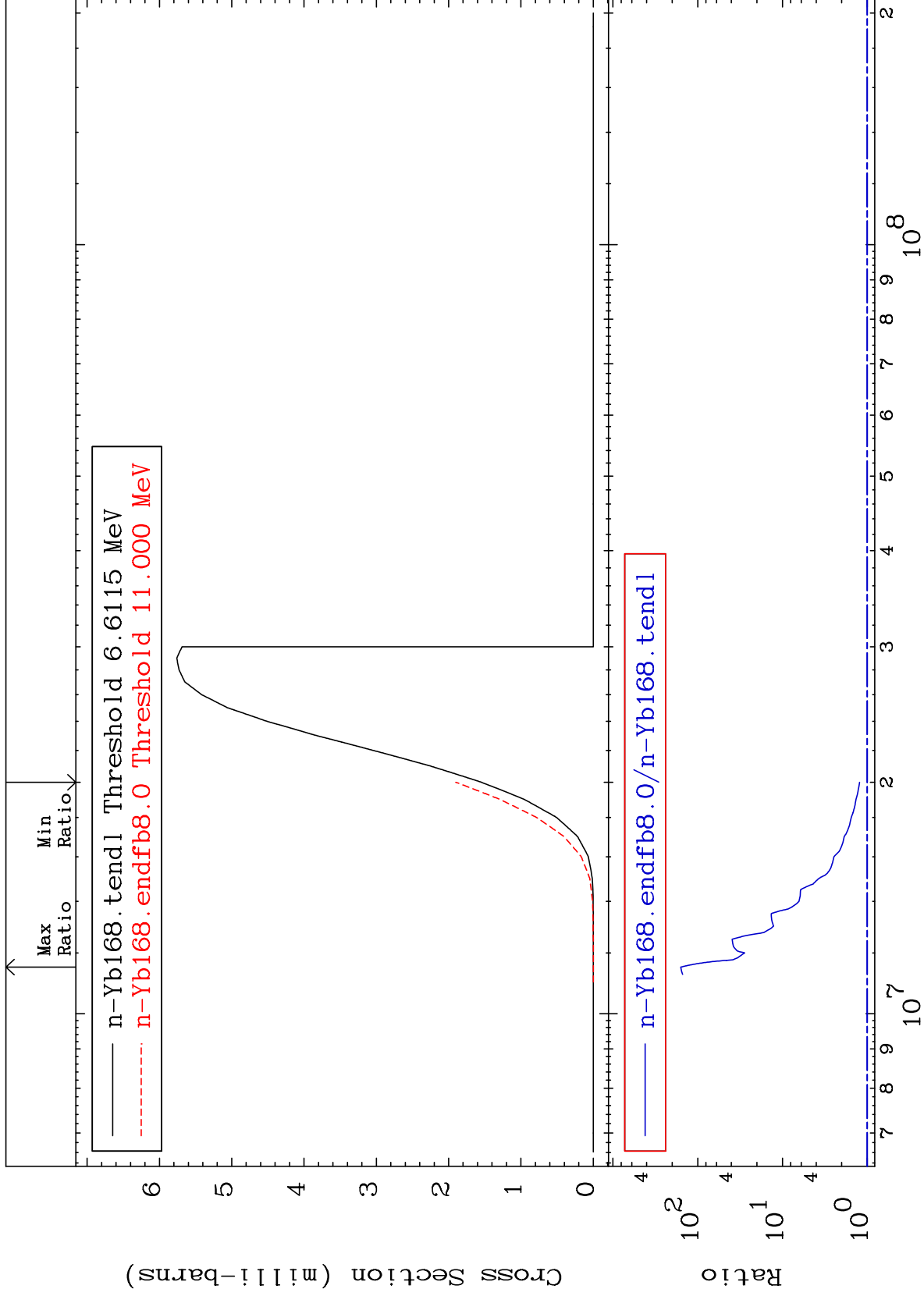
-73.89 To 156.5 %



MAT 7025

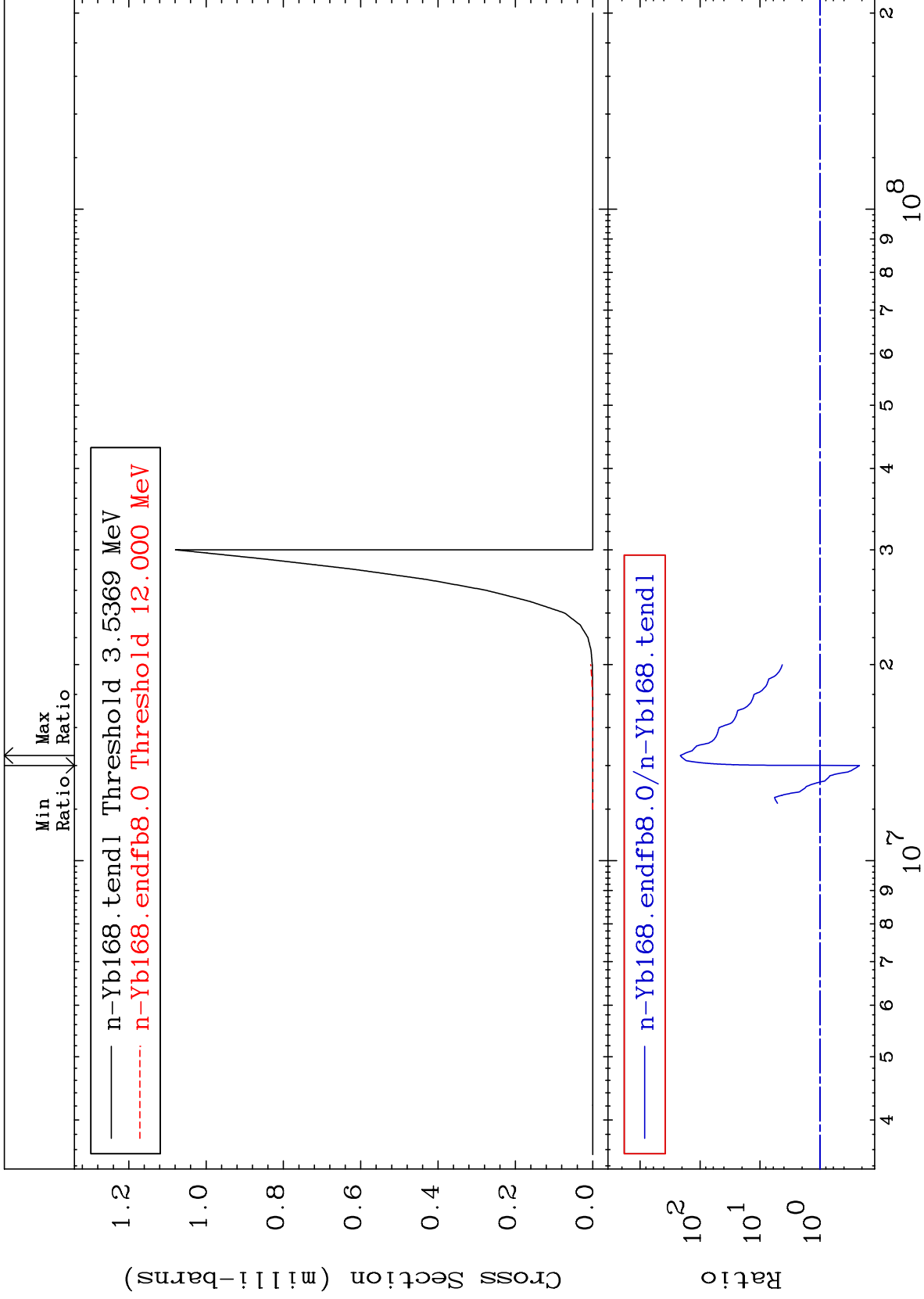
(n, t)
Cross Section

70-Yb-168
22.97 To 9999. %



Cross Section

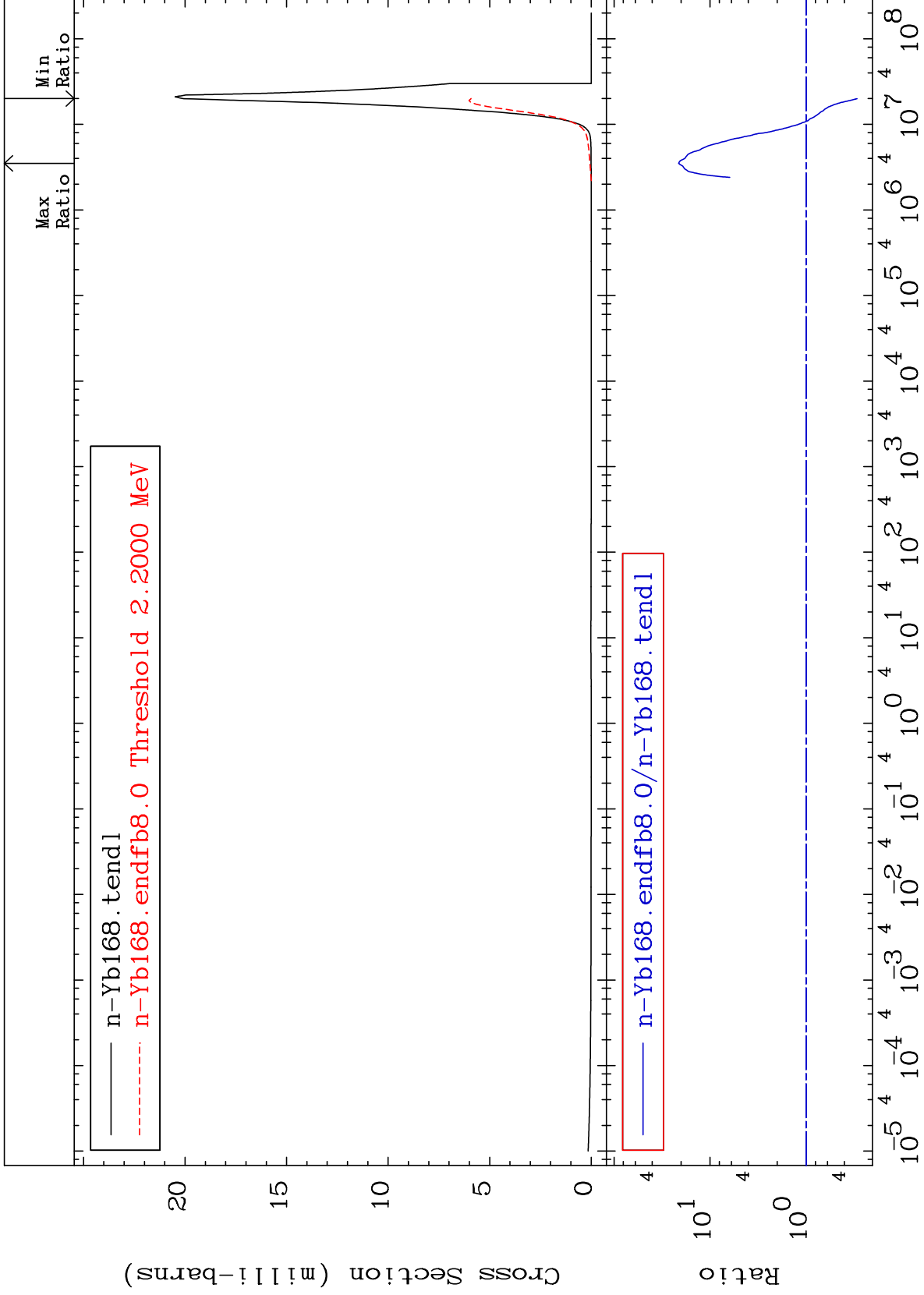
-77.90 To 9999. %

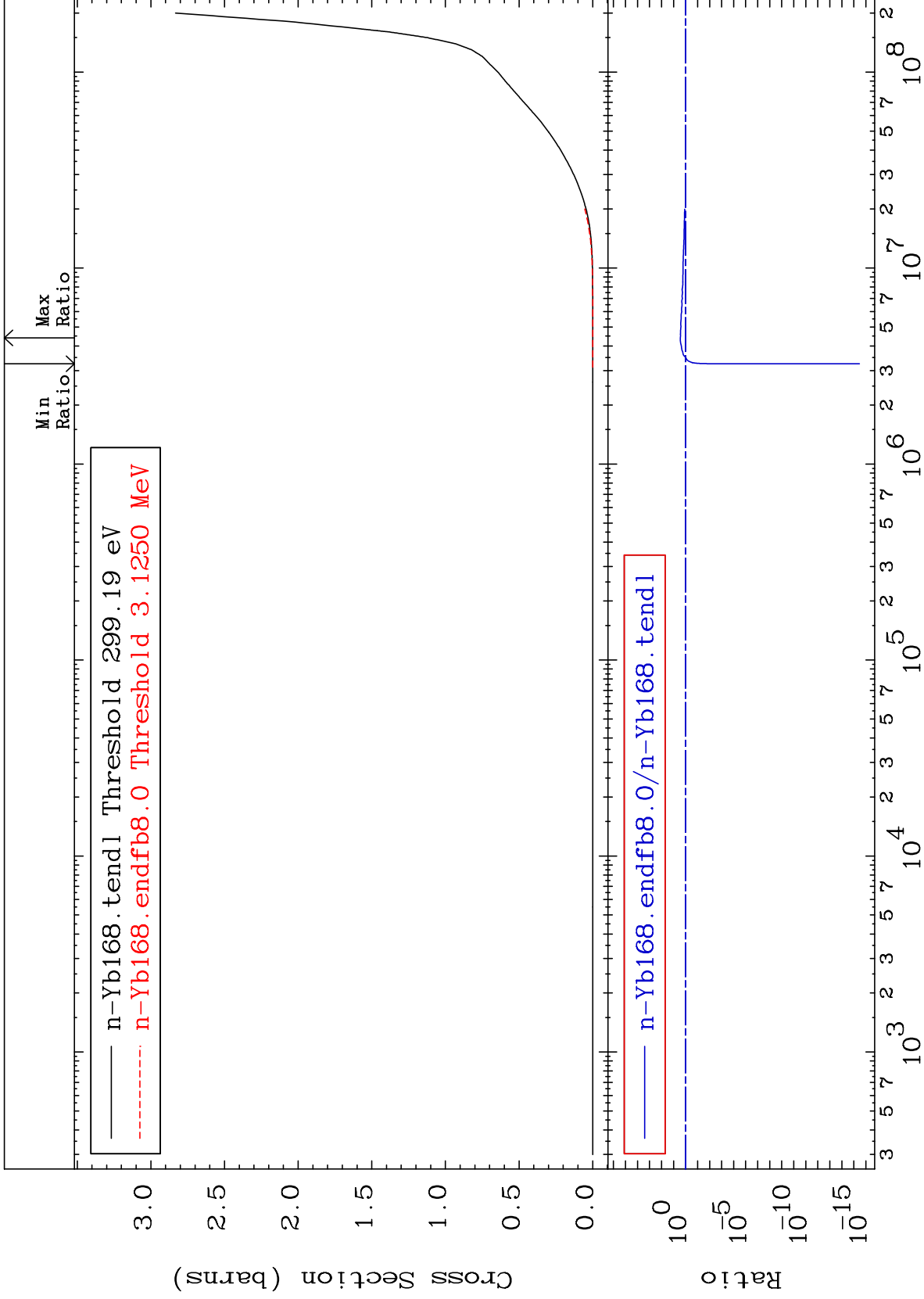


MAT 7025

(n, α)
Cross Section

70-Yb-168
-70.62 To 2025. %

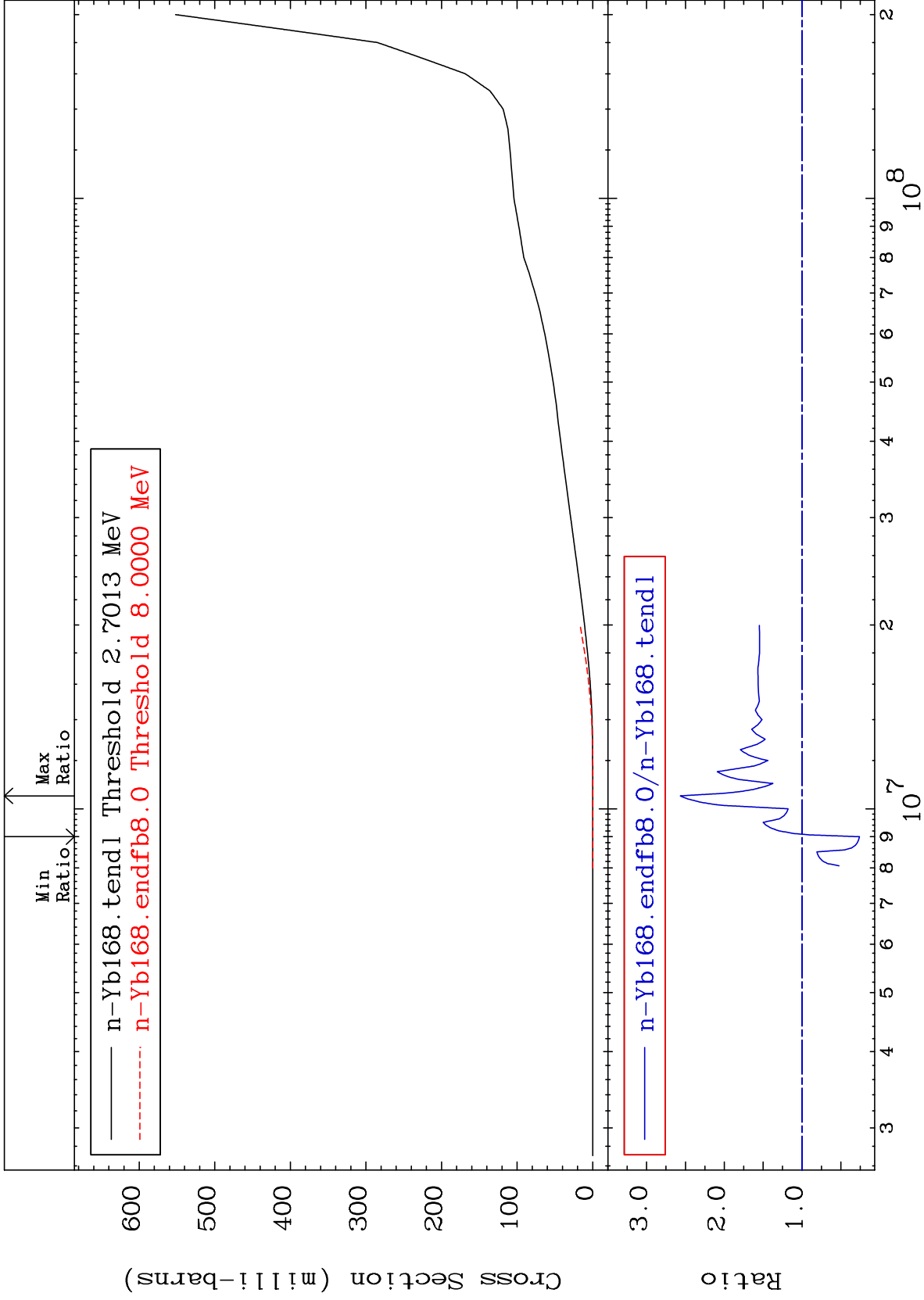


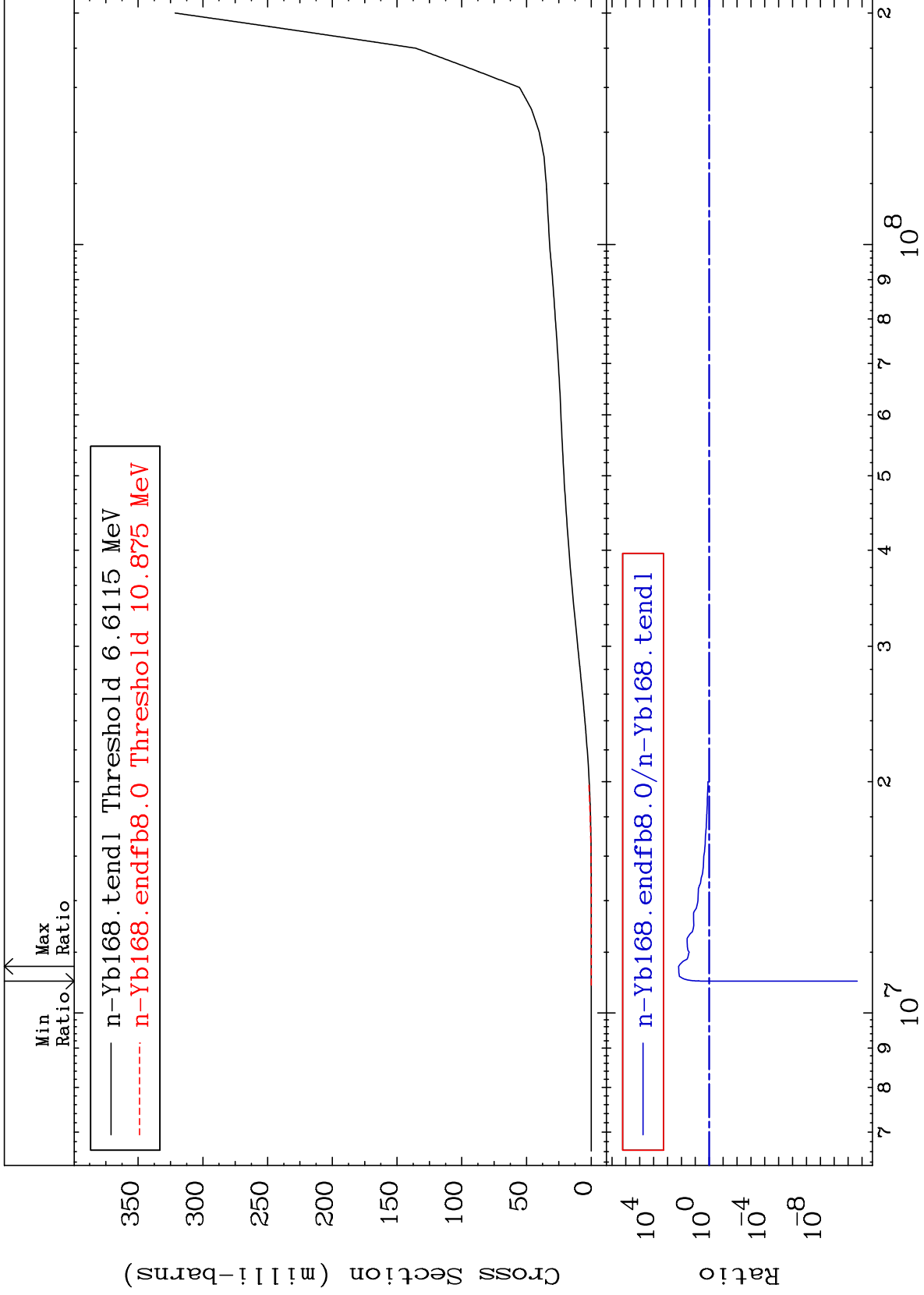


MAT 7025

Deuterium Production
Cross Section

⁷⁰Yb-168
-73.89 To 156.5 %

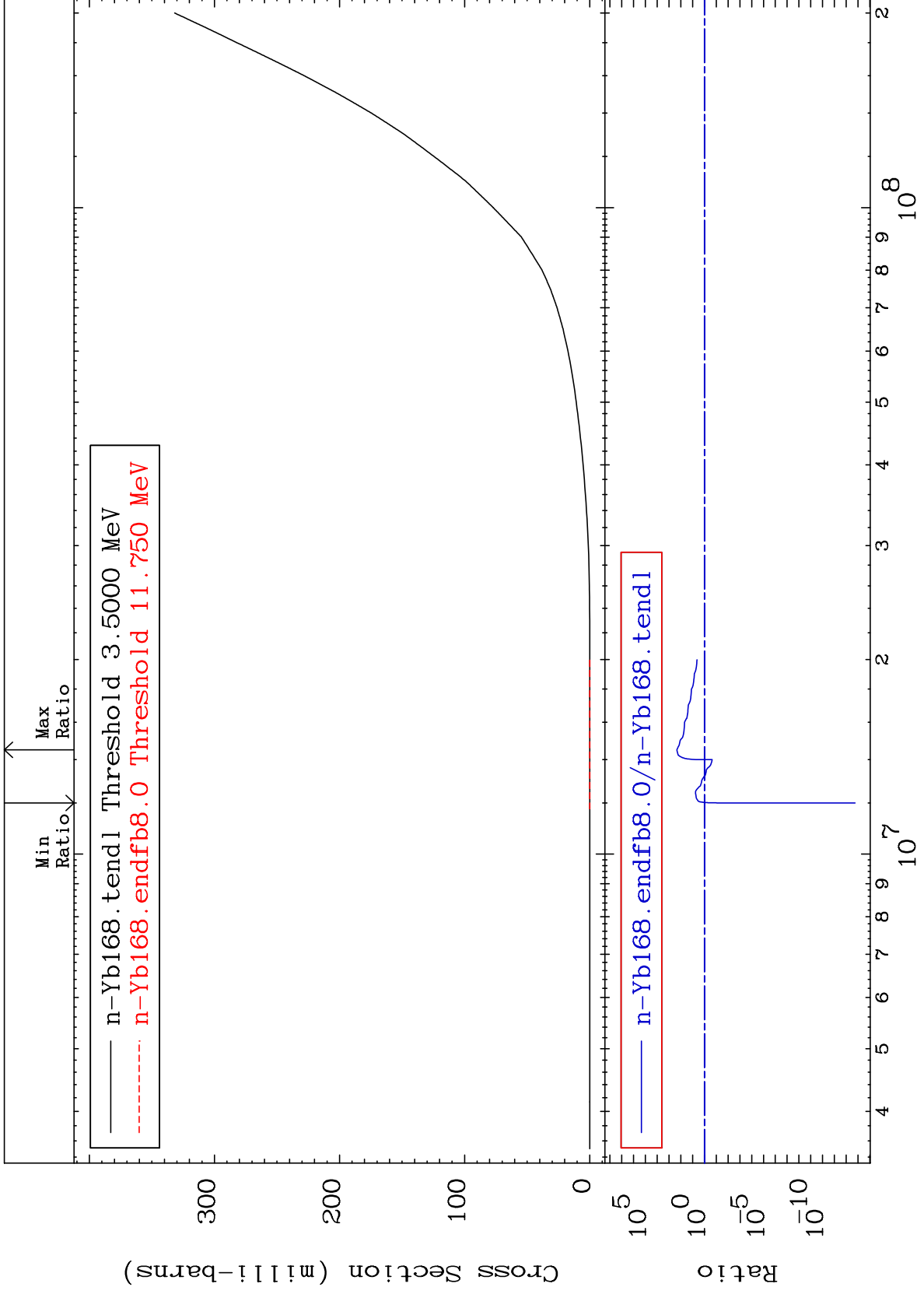


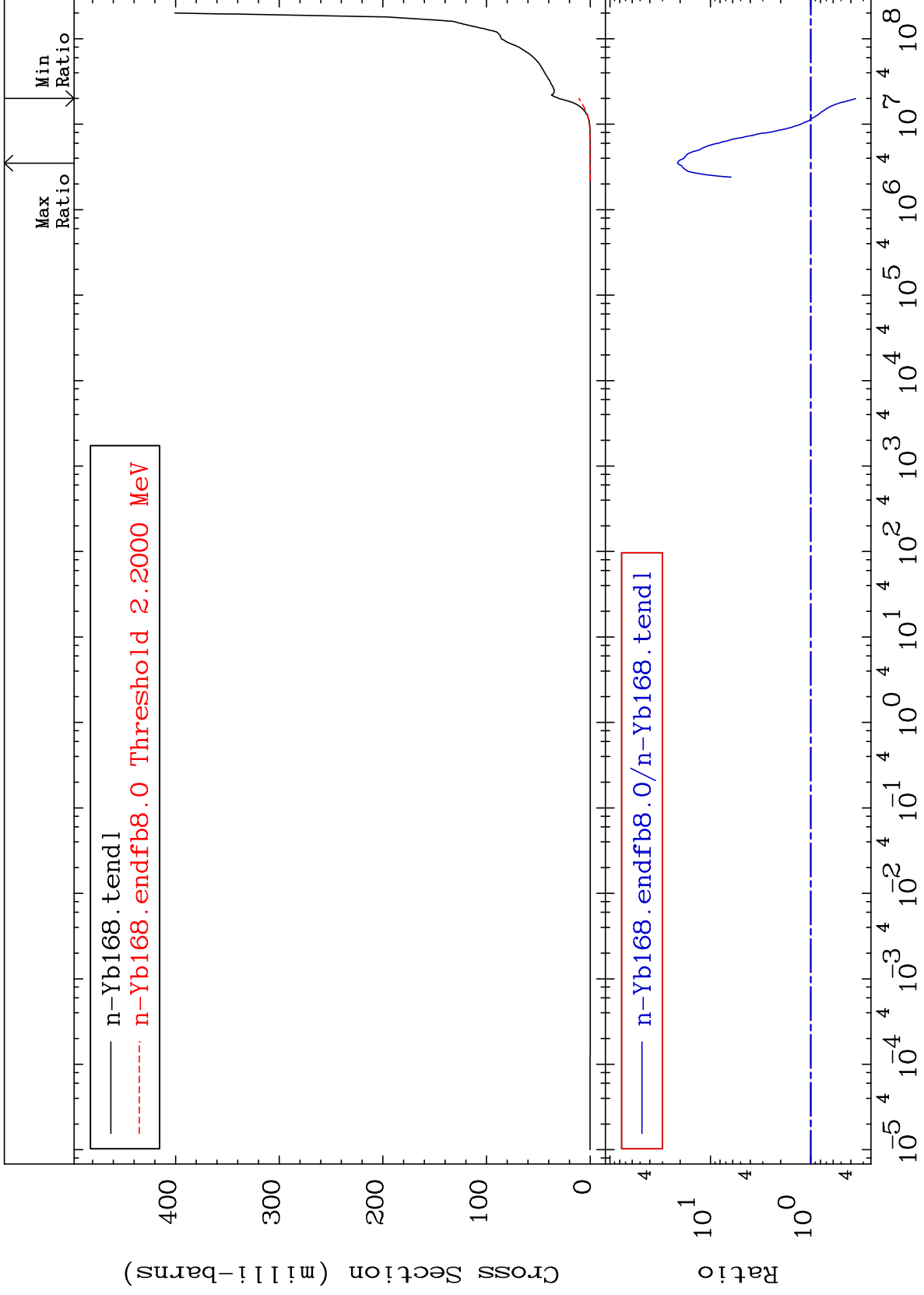


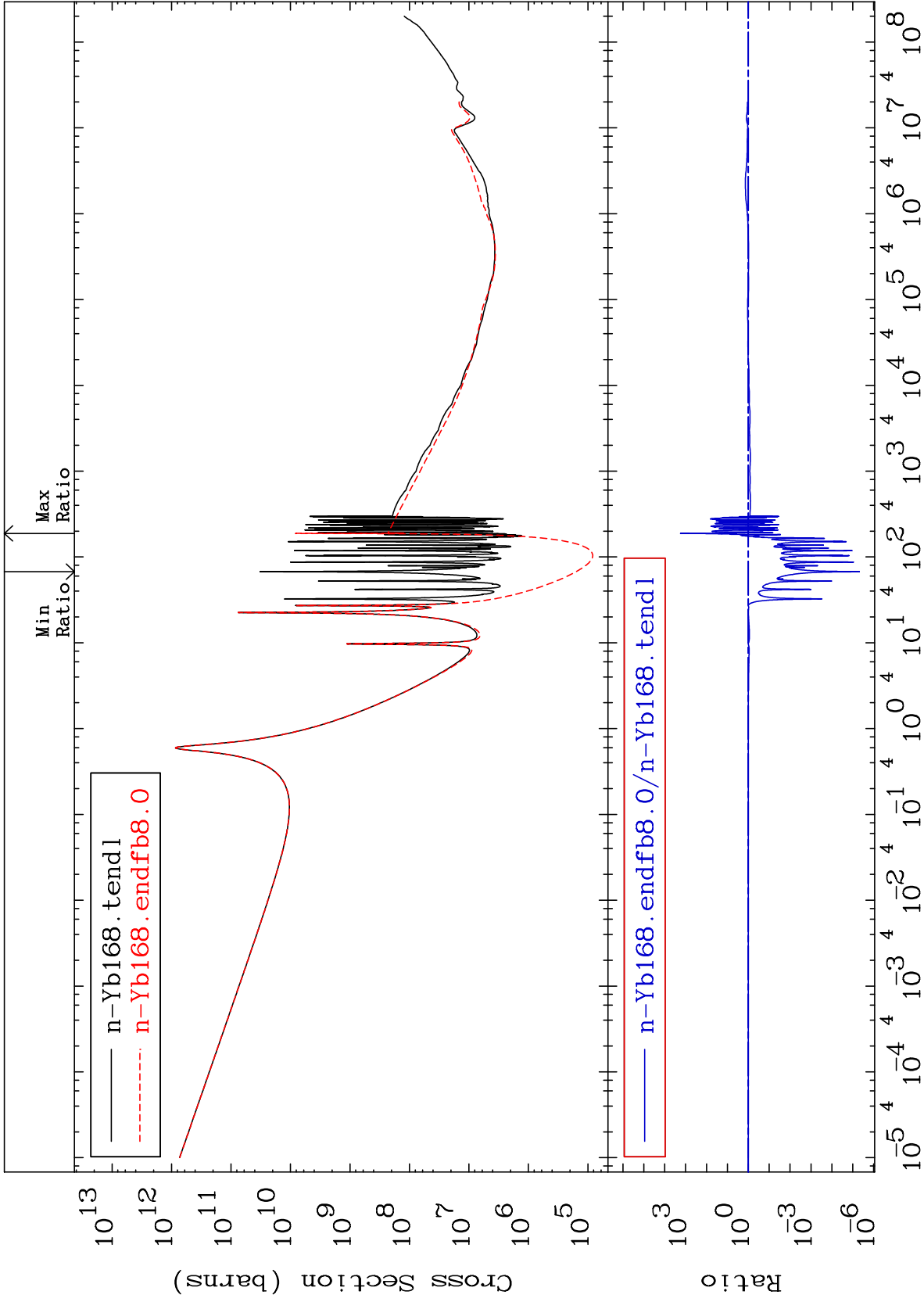
MAT 7025

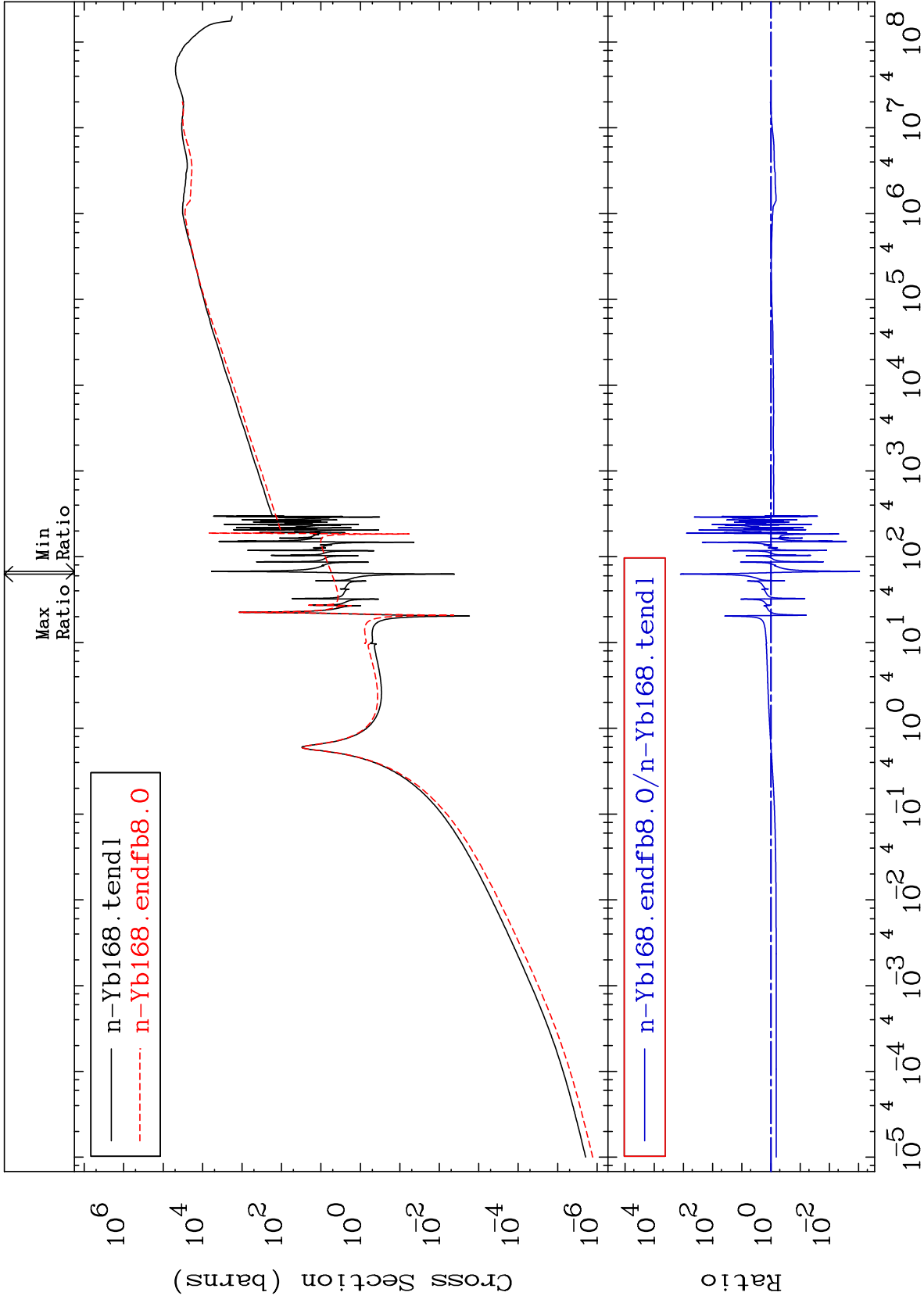
He-3 Production
Cross Section

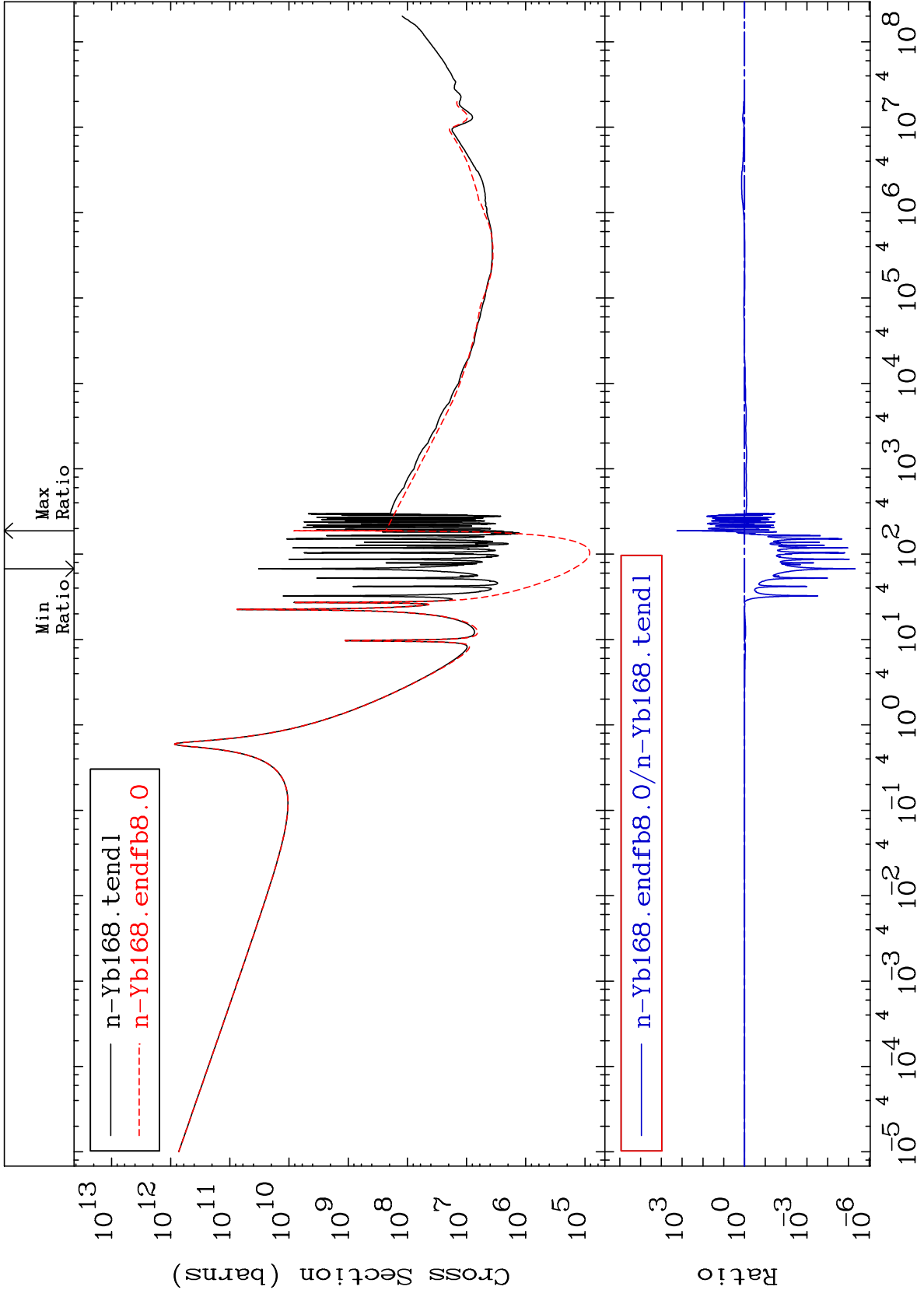
70-Yb-168
-100.0 To 9999. %

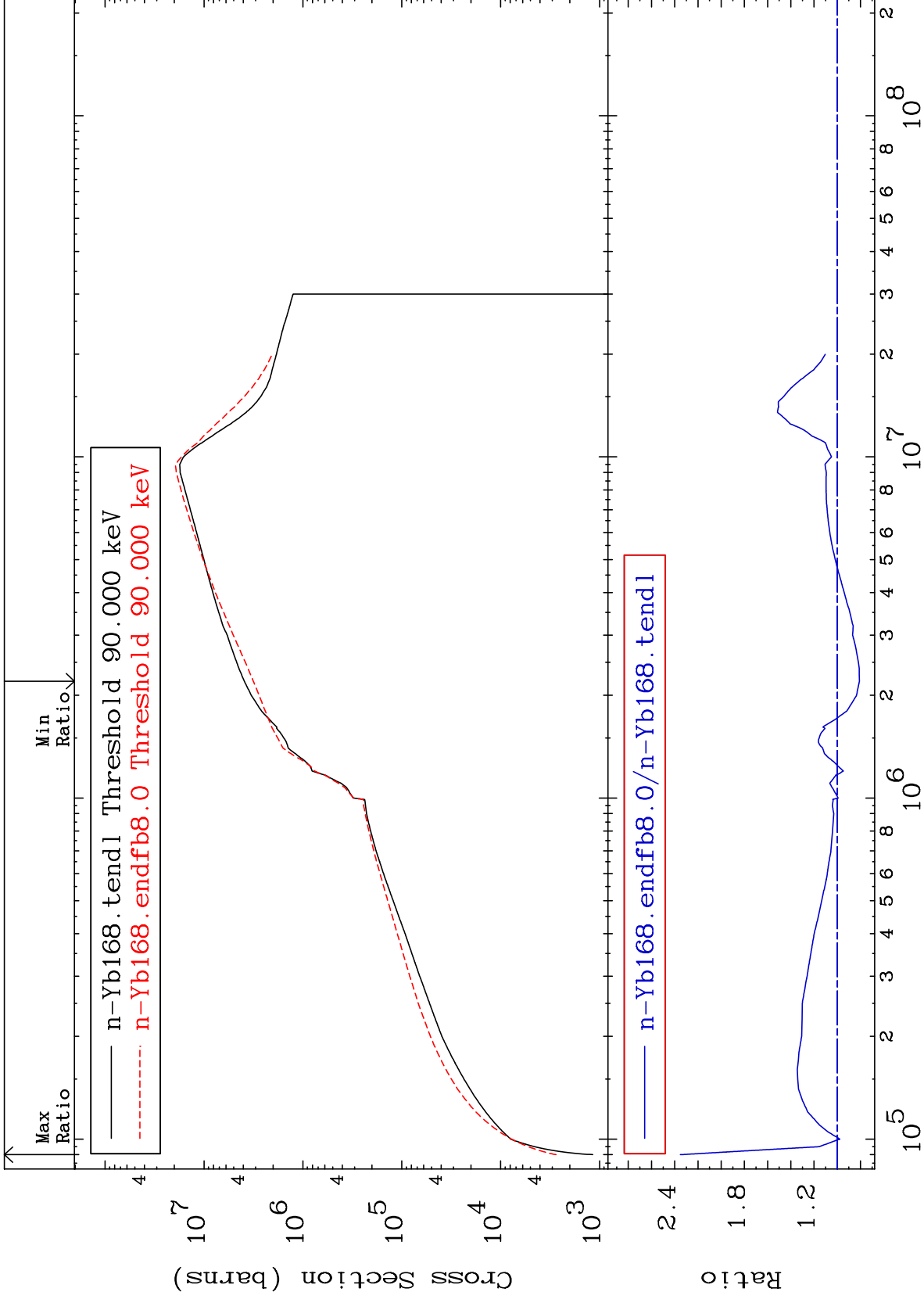








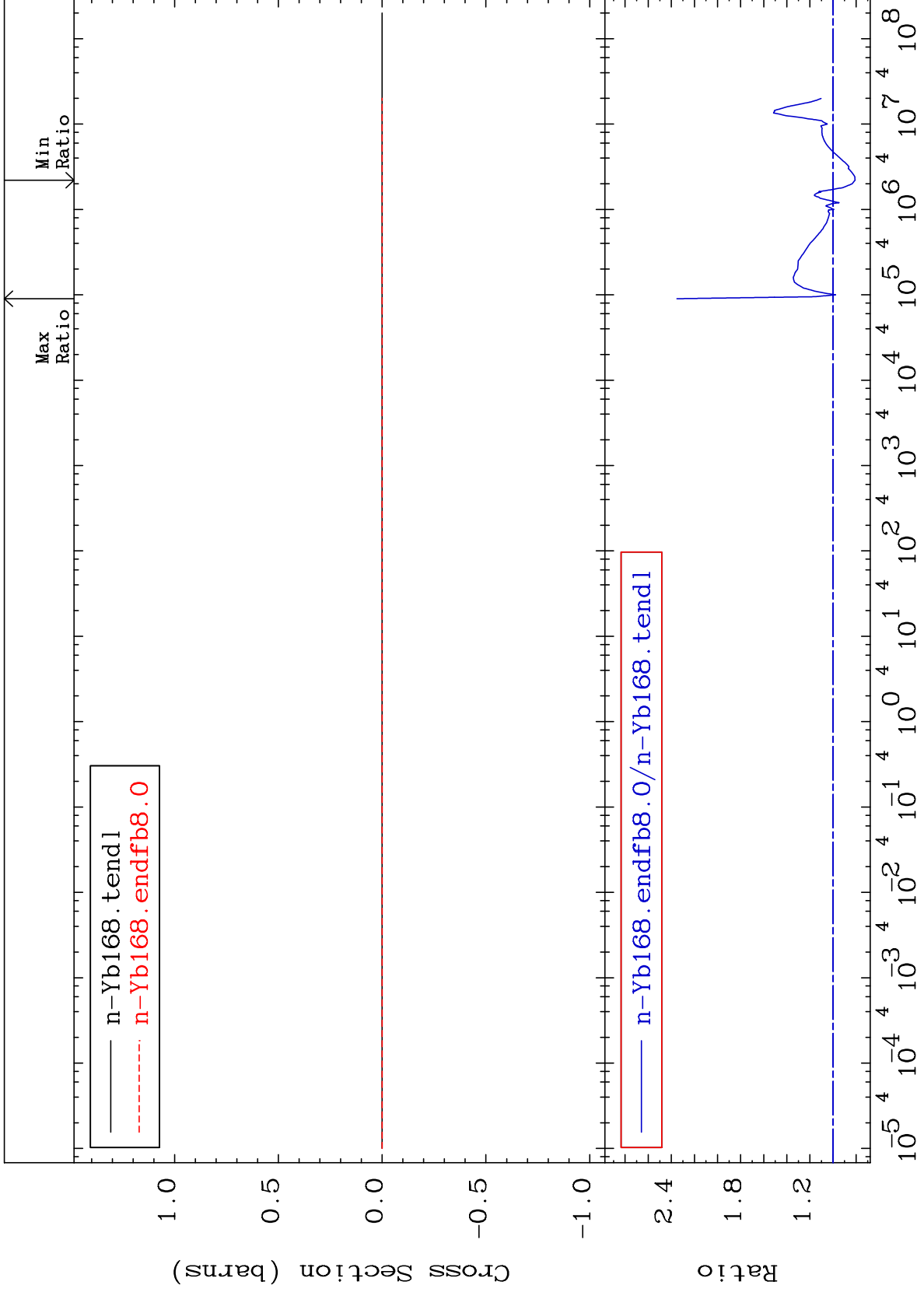




MAT 7025

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

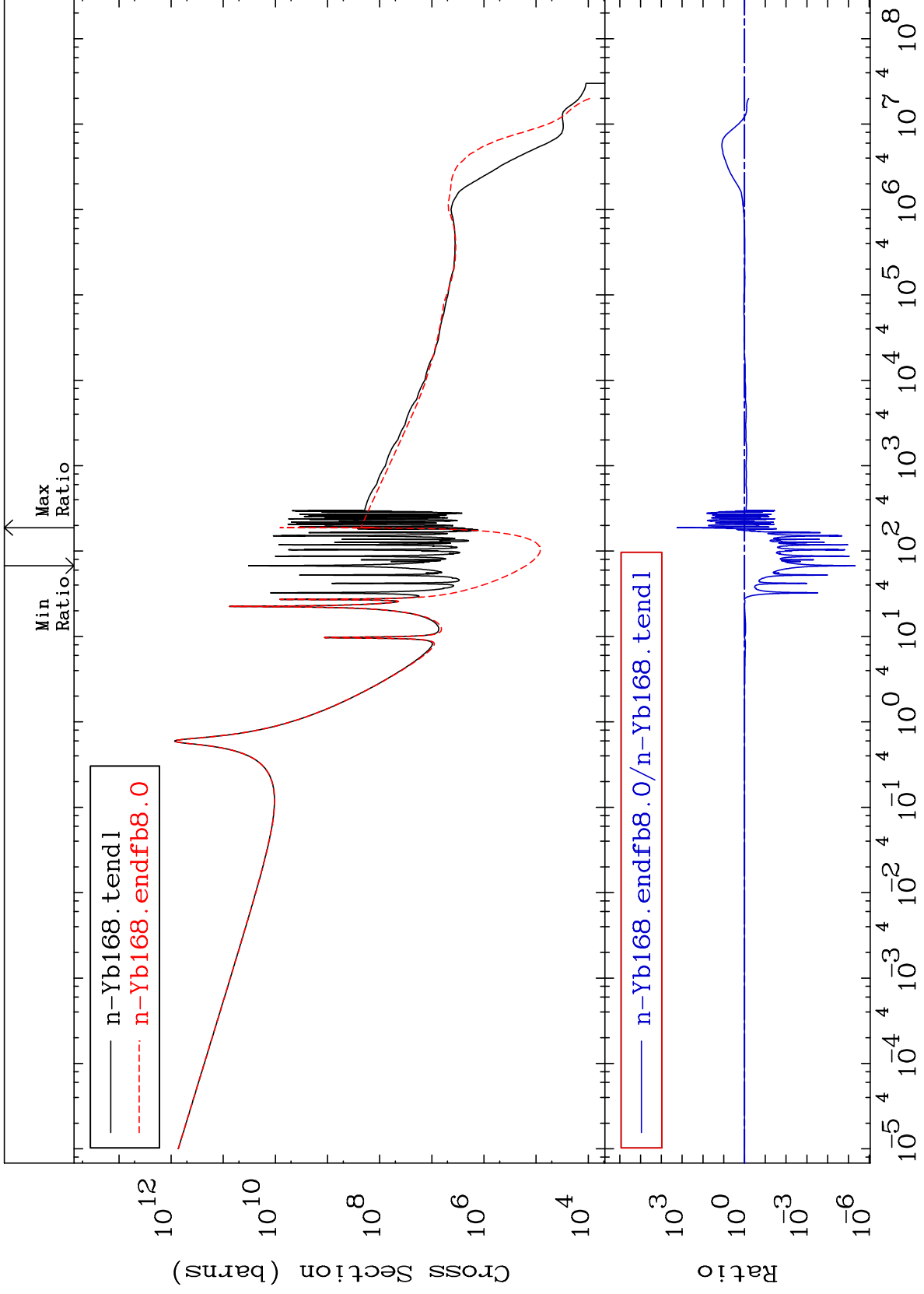
70-Yb-168
-19.08 To 135.1 %



MAT 7025

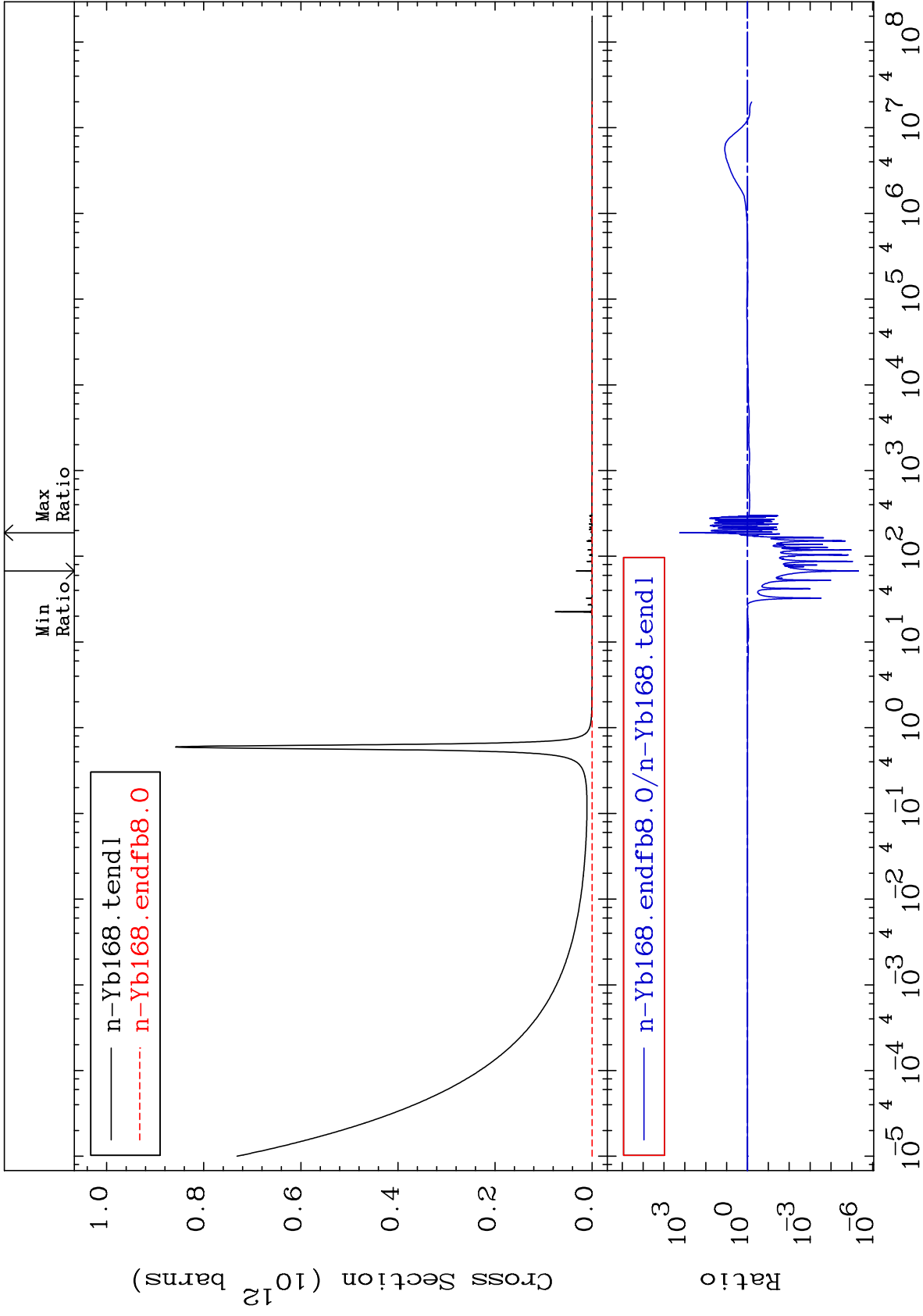
Kerma capture (mt102)
Cross Section

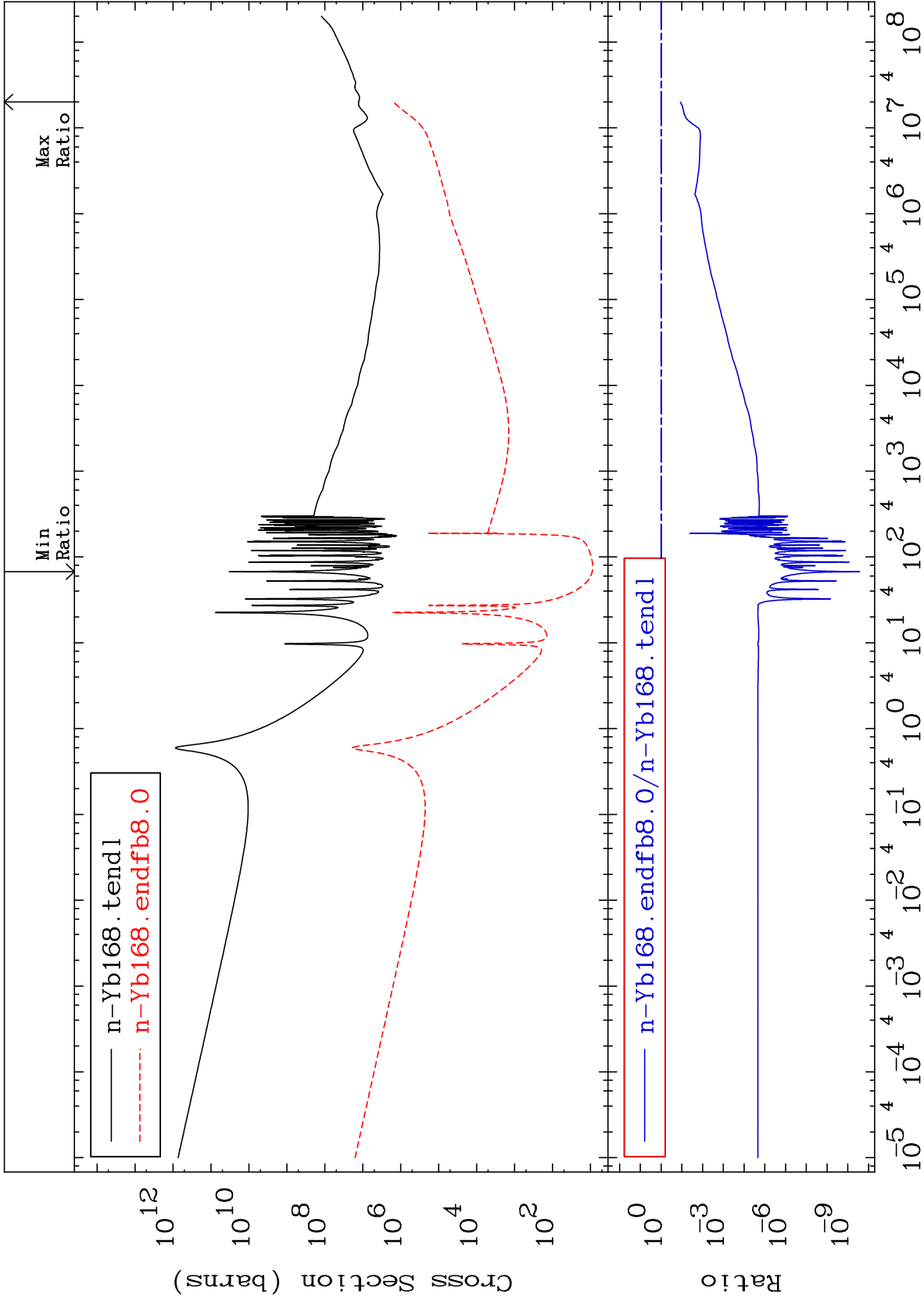
70-Yb-168
-100.0 To 9999. %

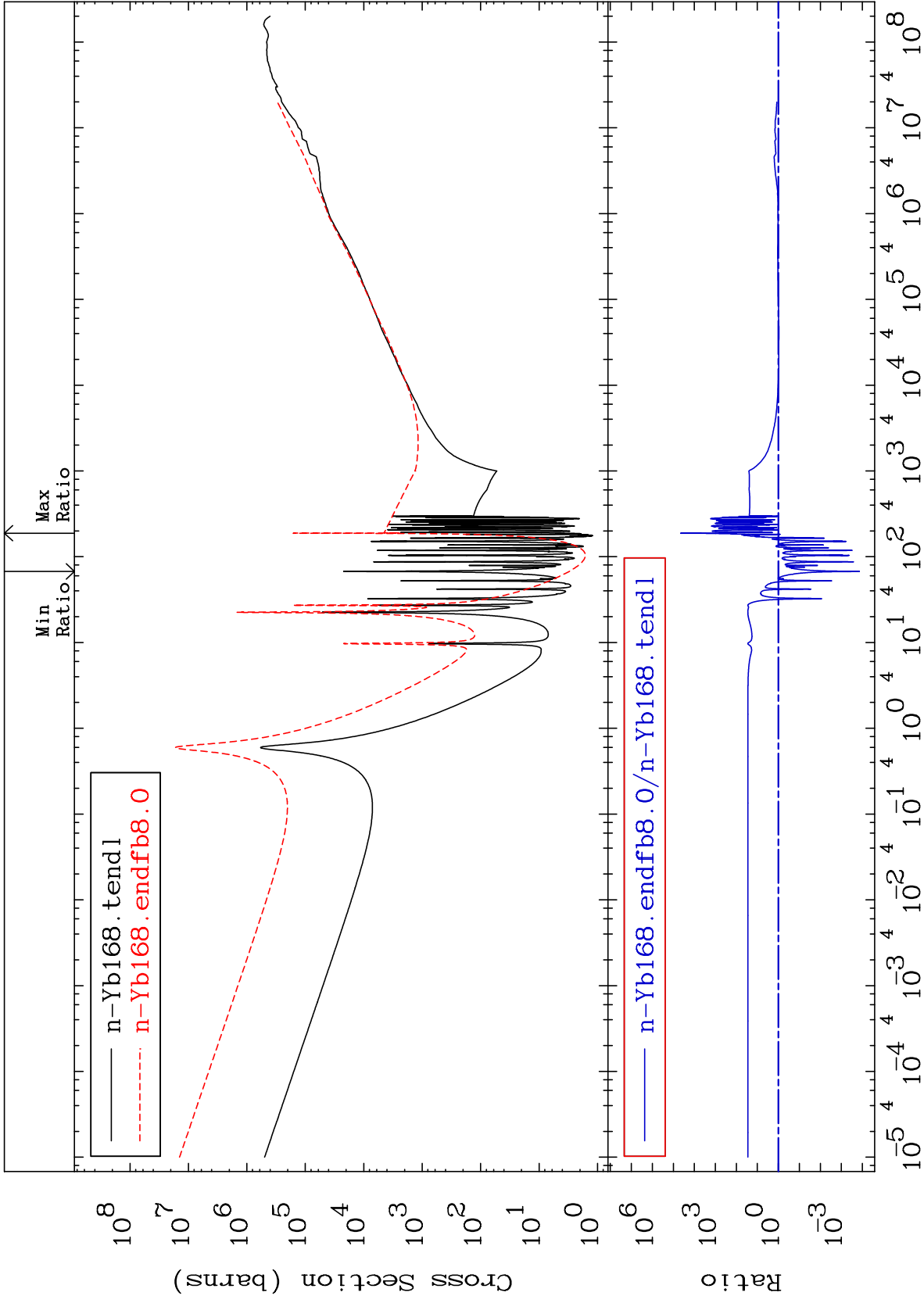


40

70-Yb-168



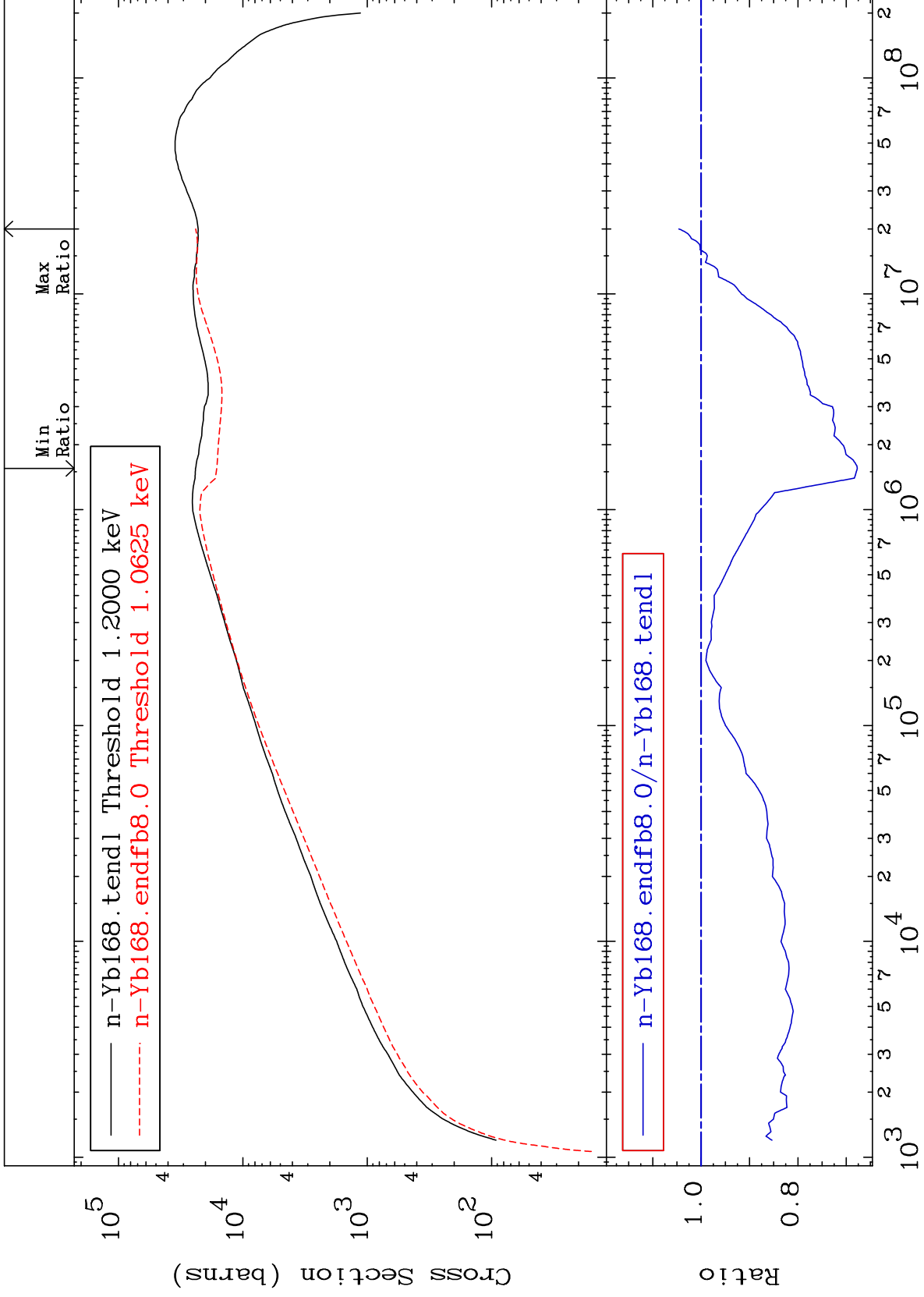




MAT 7025

Dpa elastic (mt2)
Cross Section

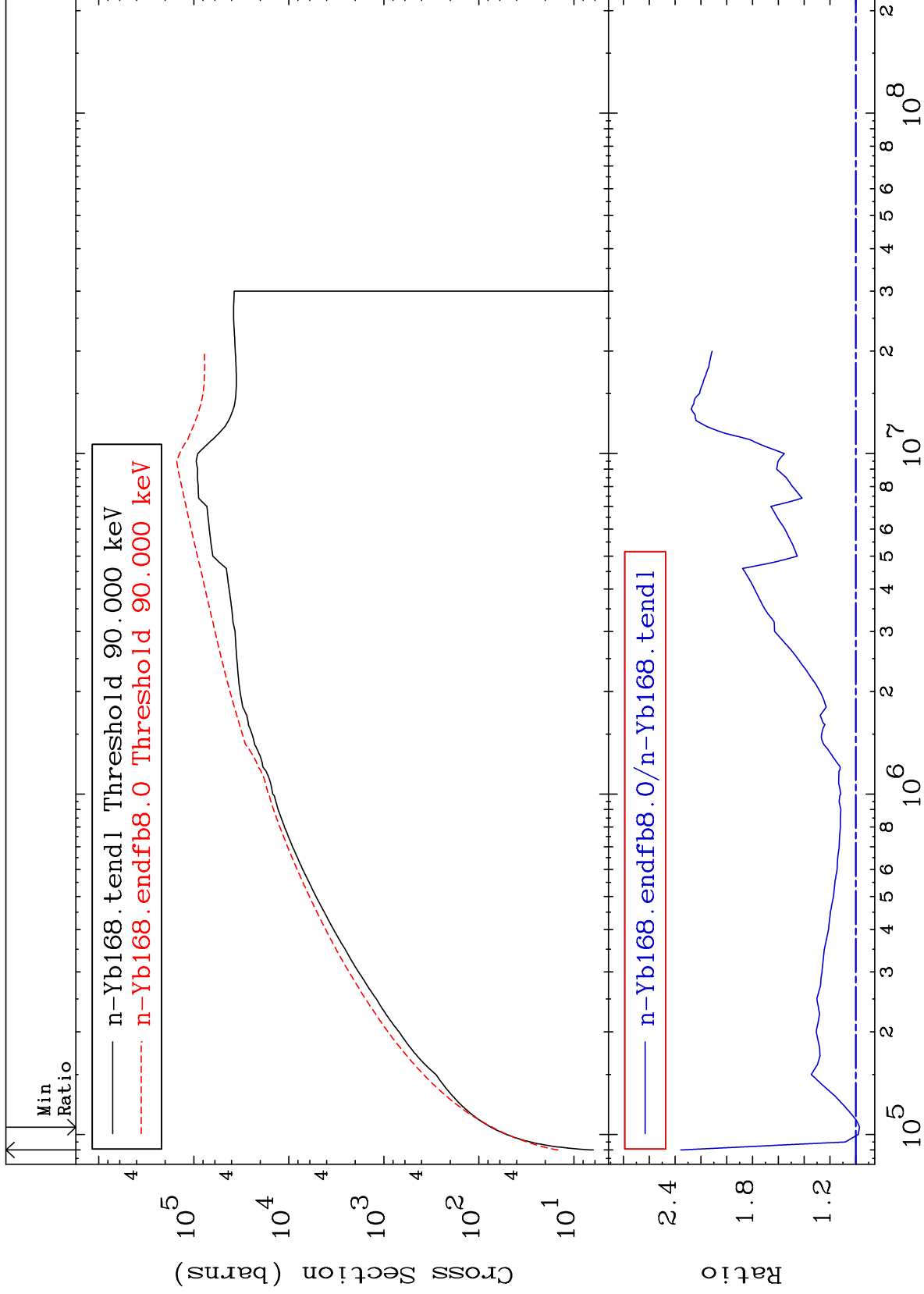
70-Yb-168
-32.28 To 4.653 %



MAT 7025

Dpa inelastic (mt51-91)
Cross Section

70-Yb-168
-2.948 To 135.6 %



45

Incident Energy (eV)

70-Yb-168

