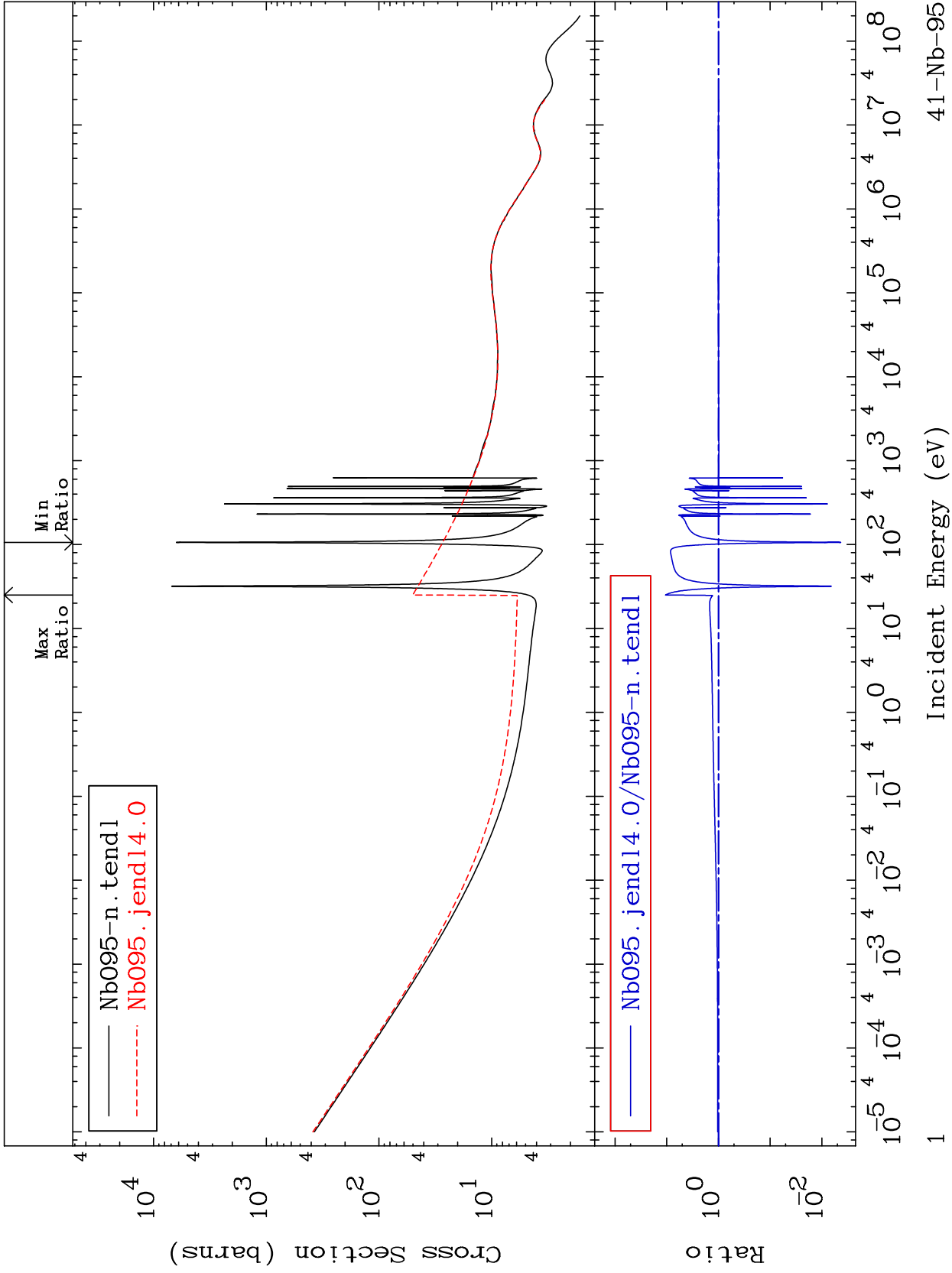


MAT 4131

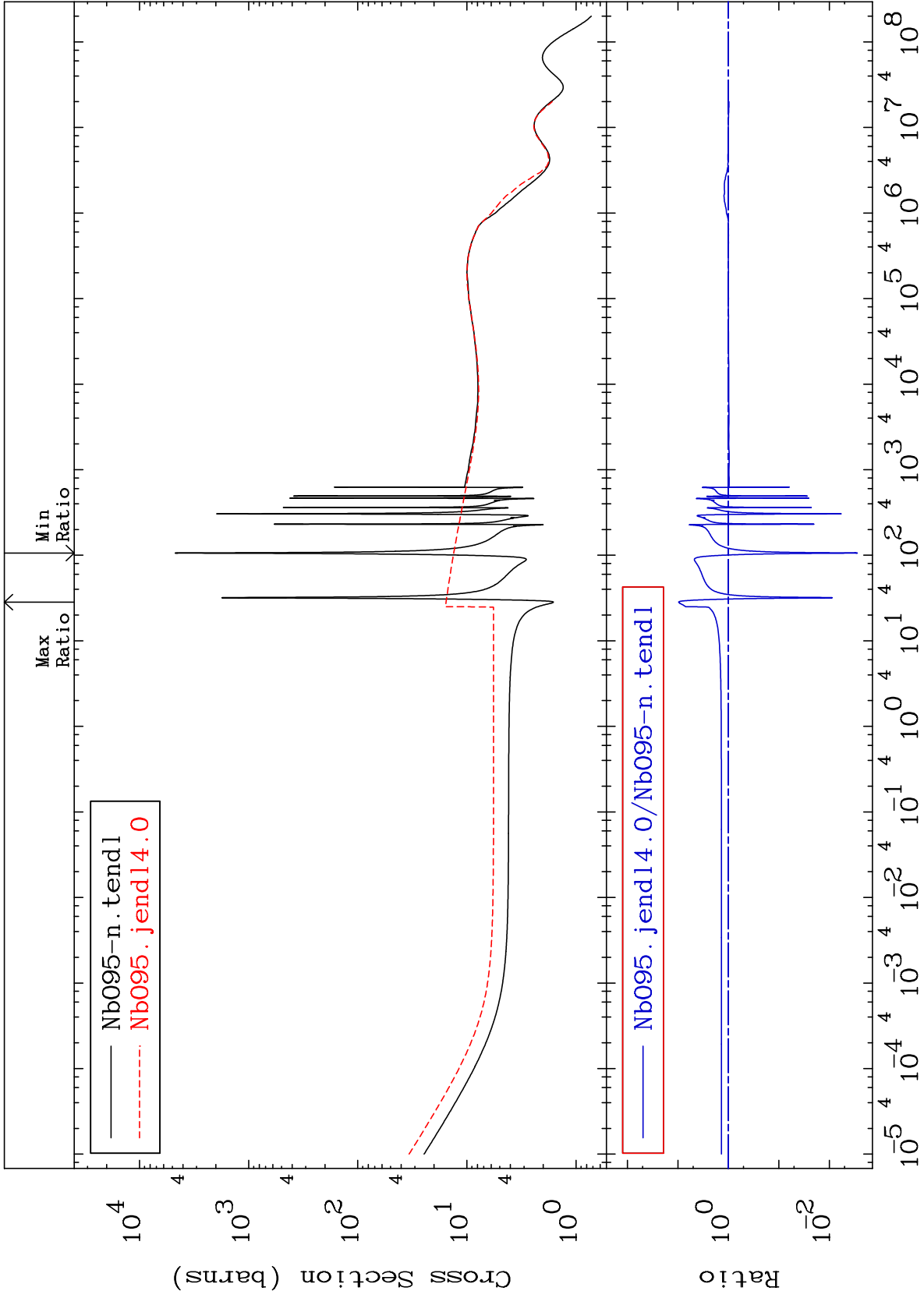
Total Cross Section
41-Nb-95
-99.57 To 954.5 %



41-Nb-95

MAT 4131

Elastic Cross Section
41-Nb-95
-99.72 To 867.2 %



41-Nb-95

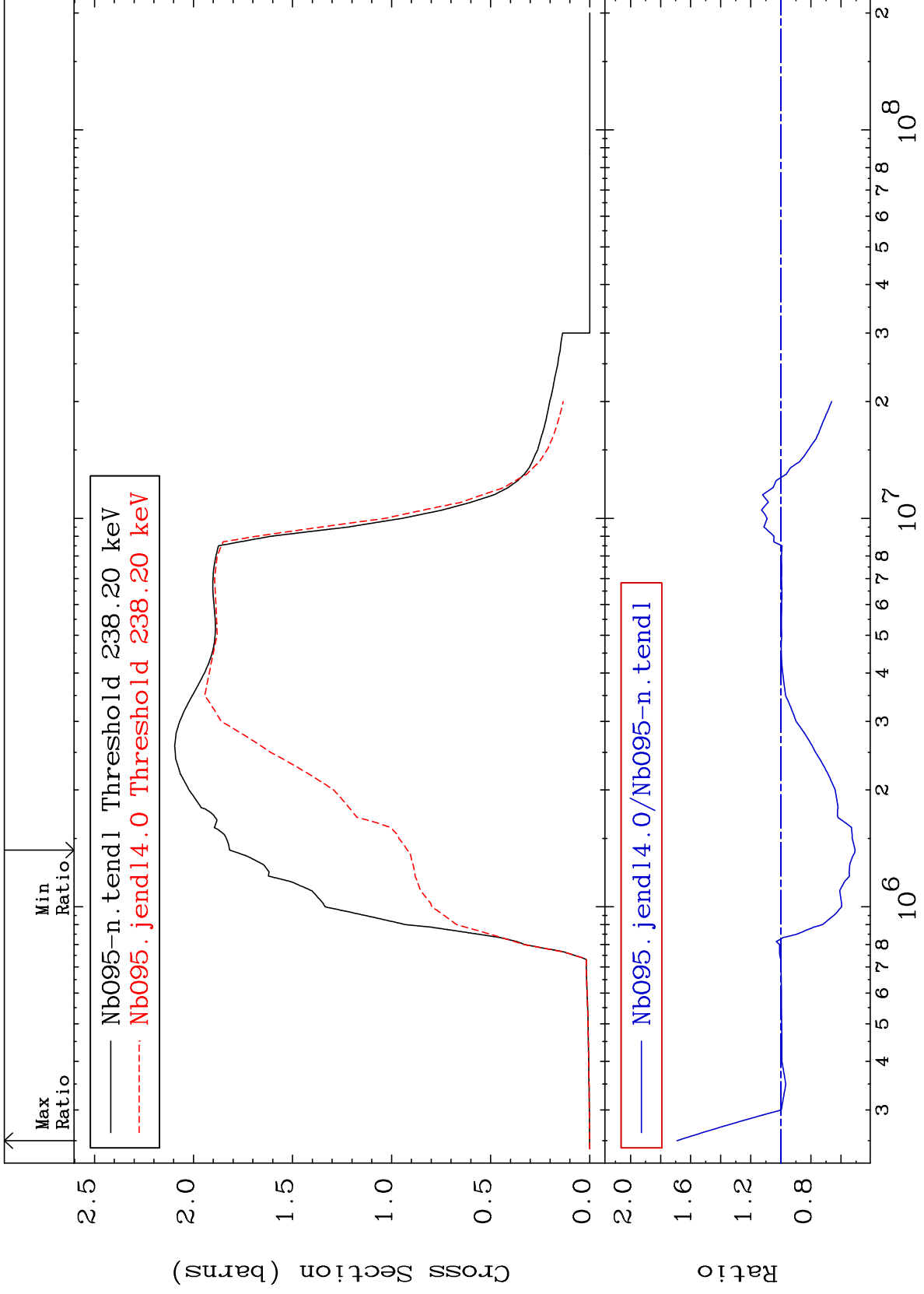
Incident Energy (eV)

2

MAT 4131

Inelastic
Cross Section

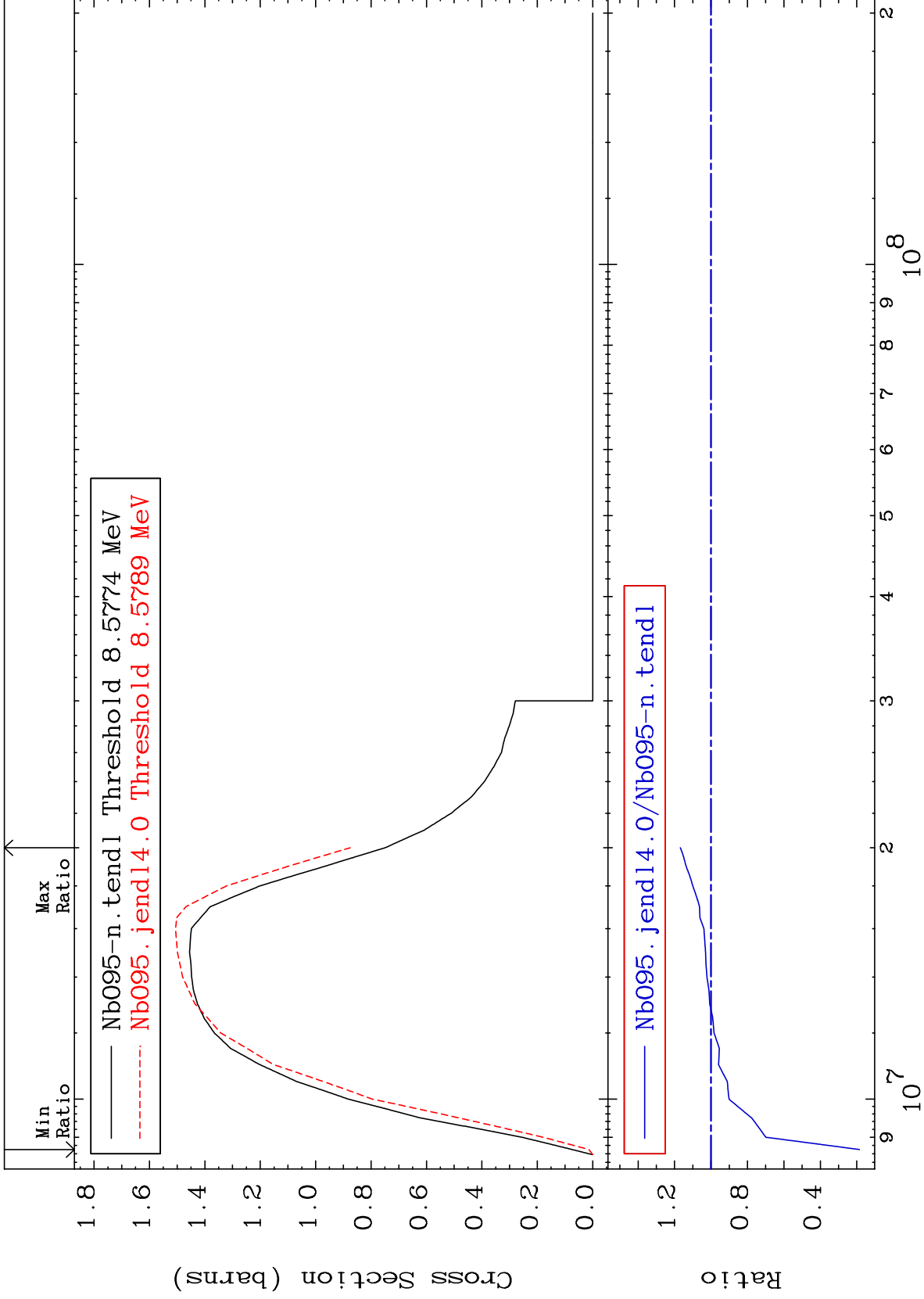
41-Nb-95
-49.35 To 69.14 %



MAT 4131

(n,2n)
Cross Section

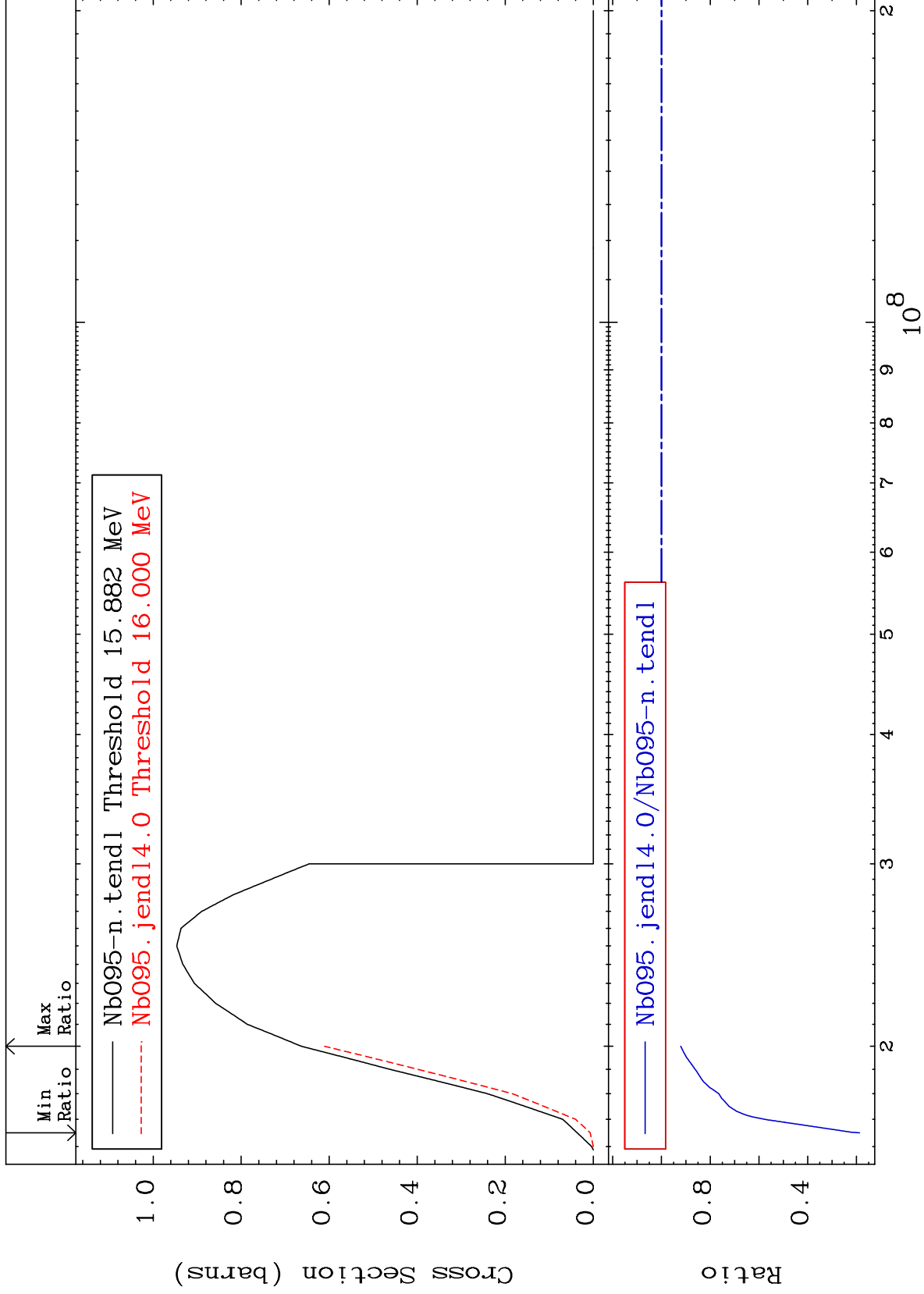
41-Nb-95
-81.44 To 16.83 %



4

Incident Energy (eV)

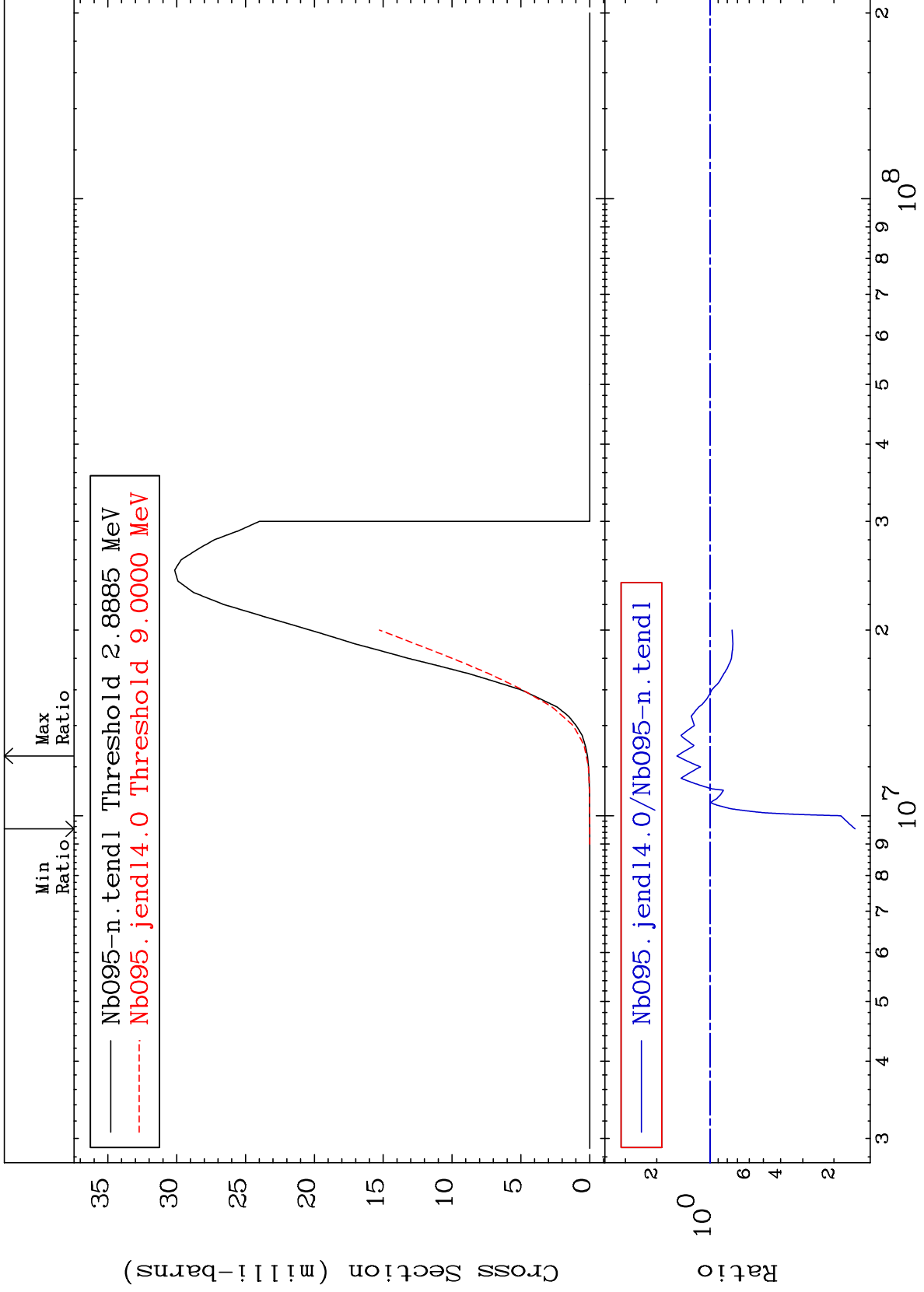
41-Nb-95



MAT 4131

(n, n') α
Cross Section

41-Nb-95
-84.80 To 53.72 %



6

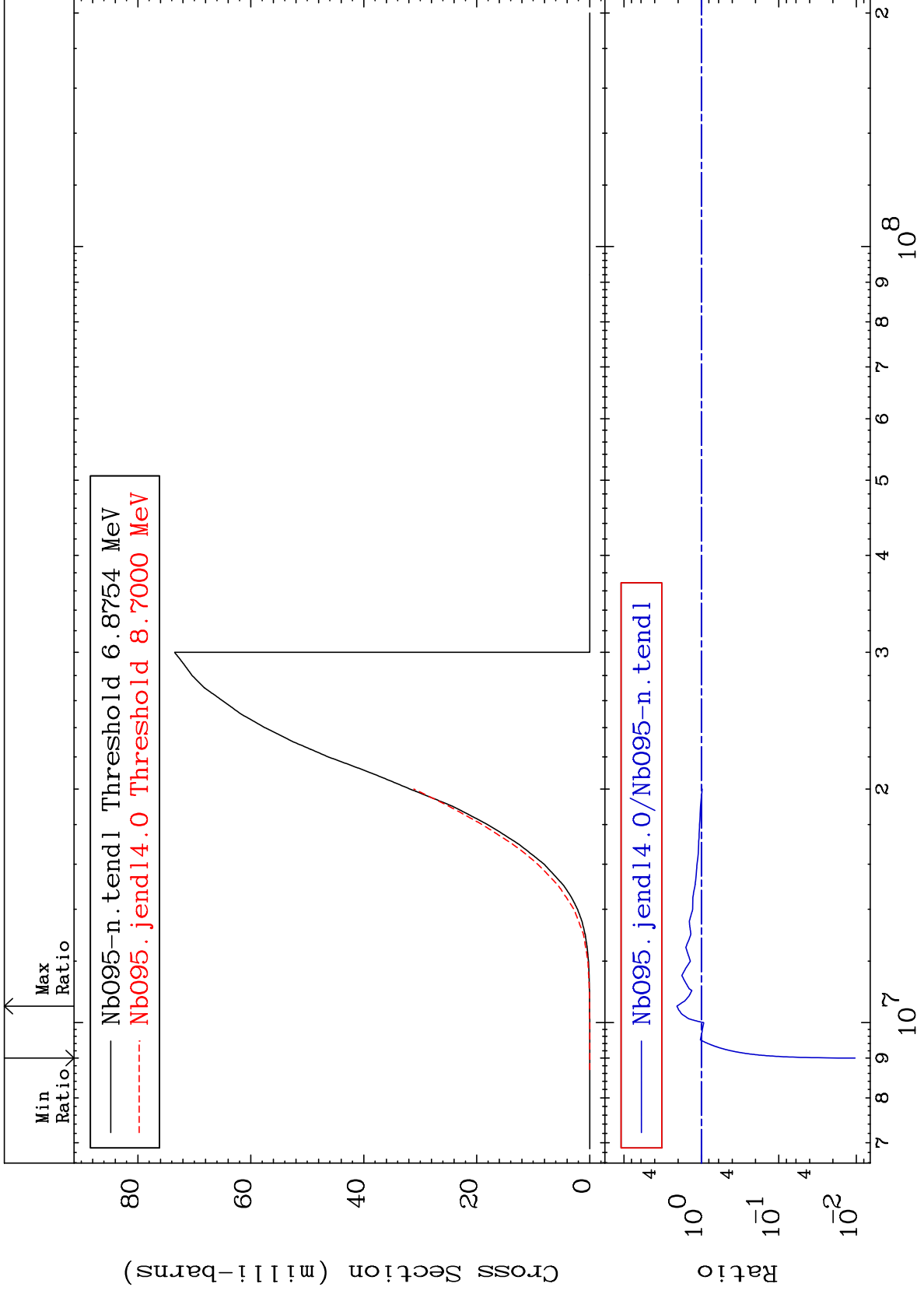
Incident Energy (eV)

41-Nb-95

MAT 4131

(n, n') p
Cross Section

41-Nb-95
-98.96 To 106.7 %



7

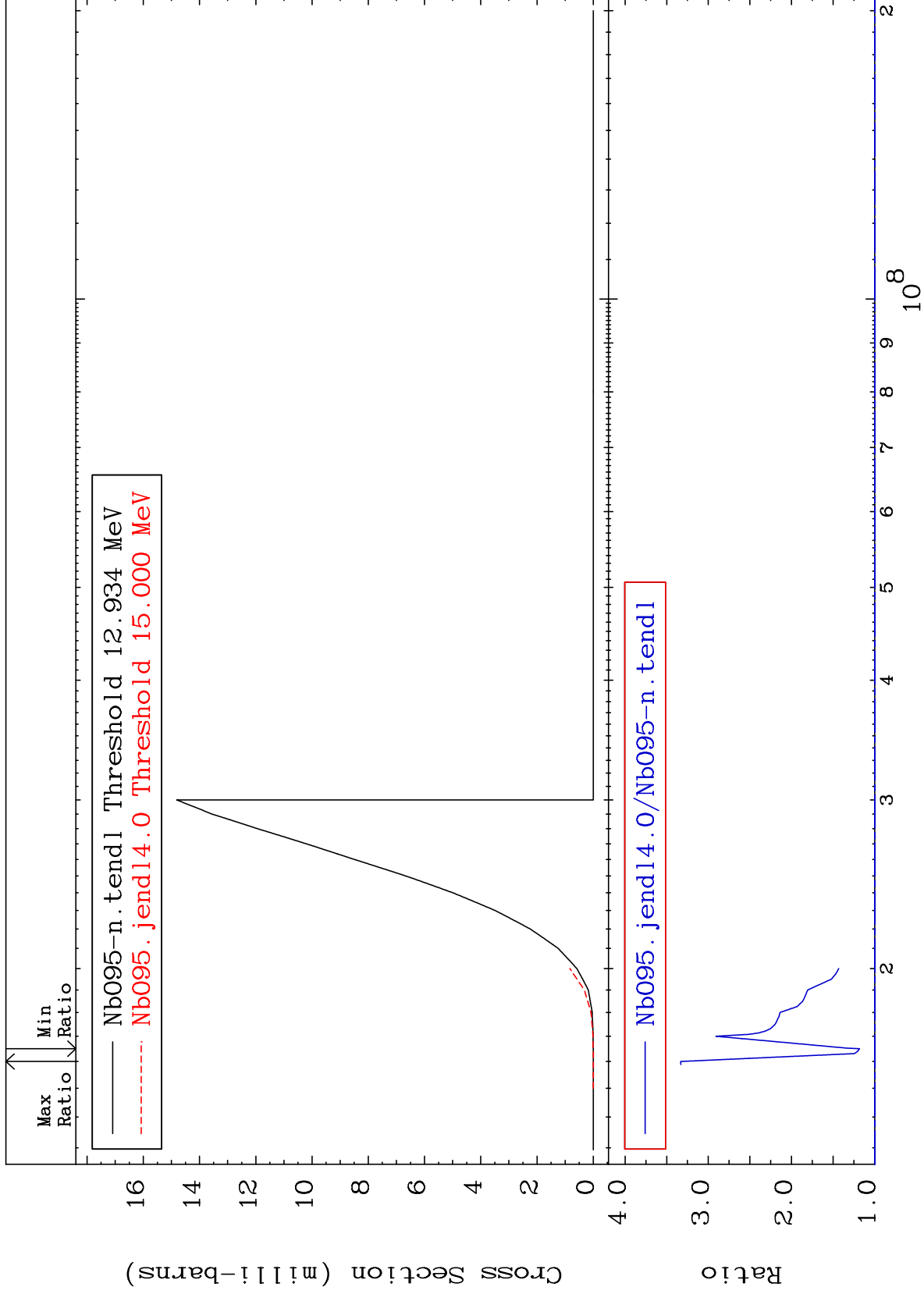
Incident Energy (eV)

41-Nb-95

MAT 4131

(n, n') d
Cross Section

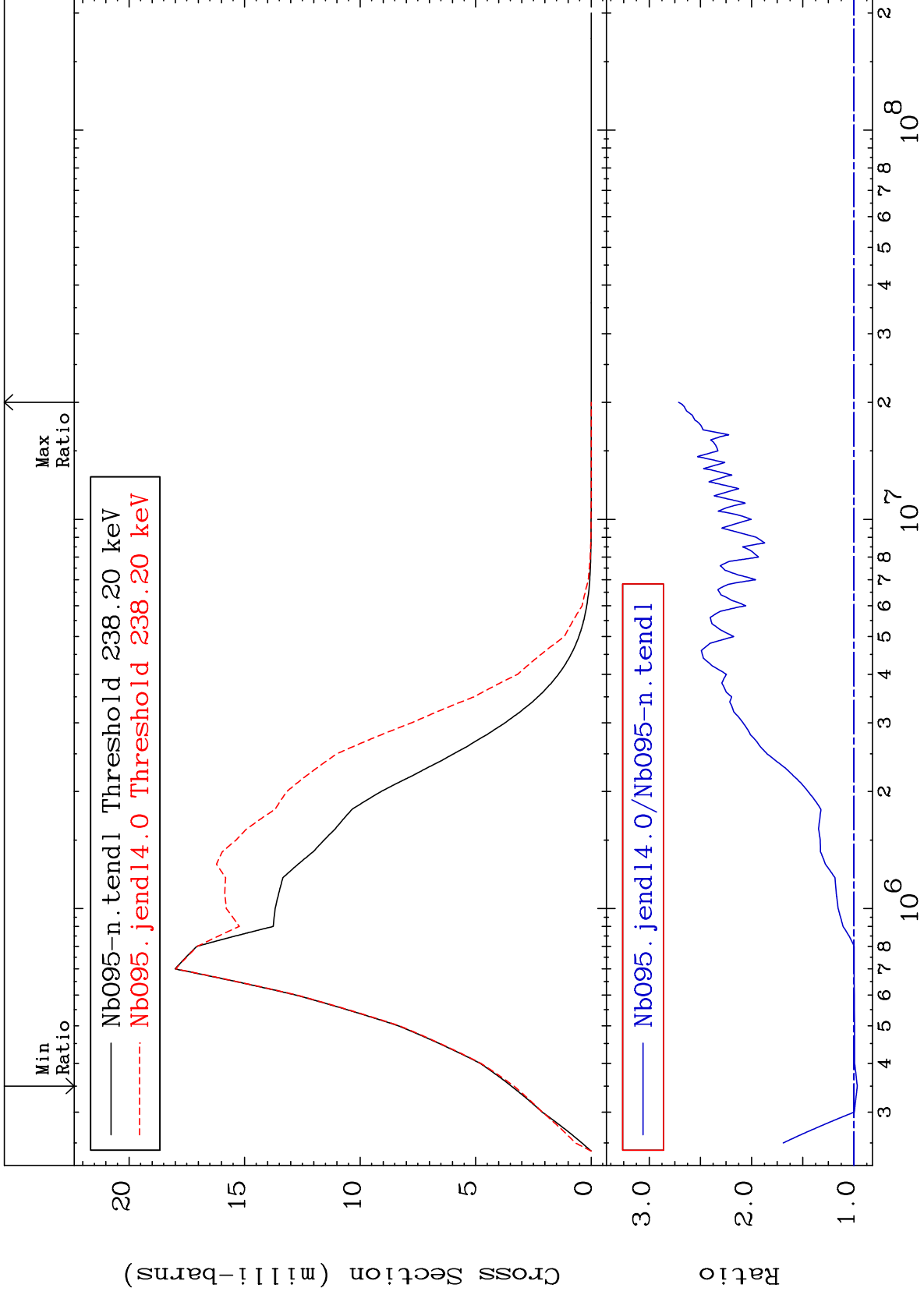
41-Nb-95
18.20 To 233.1 %



MAT 4131

235.7 keV (n,n') Level
Cross Section

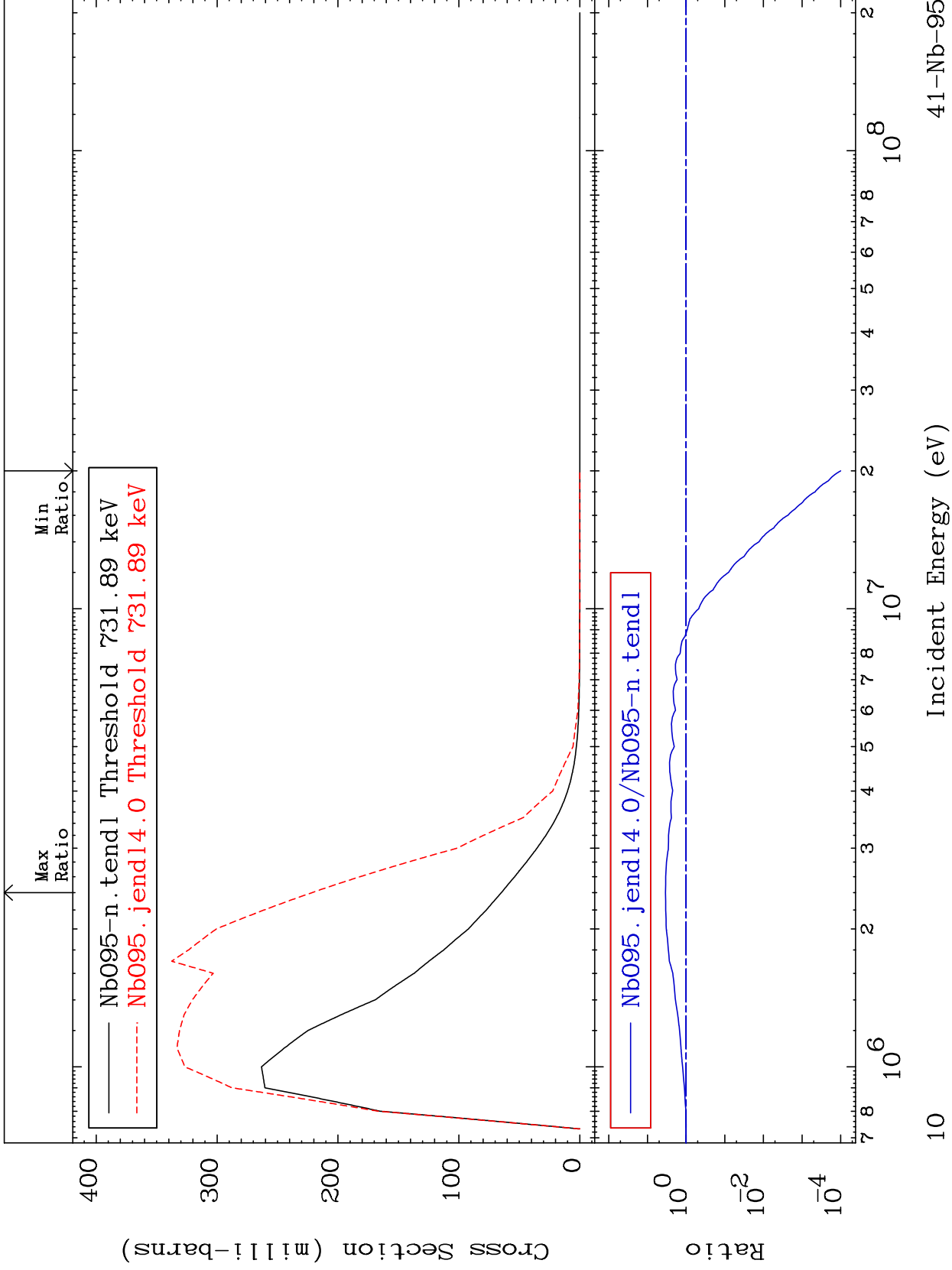
41-Nb-95
-3.225 To 171.3 %



MAT 4131

724.2 keV (n,n') Level
Cross Section

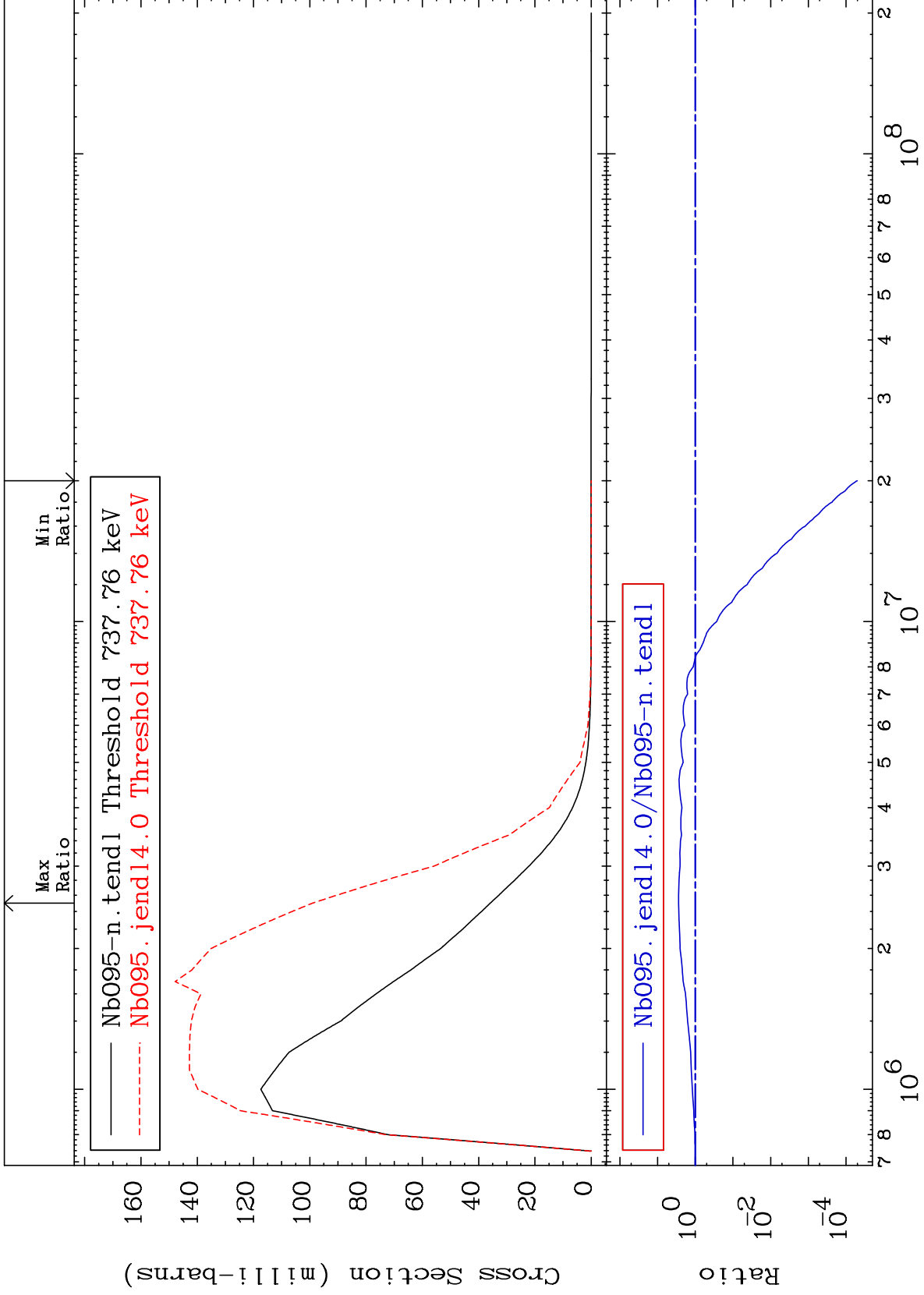
41-Nb-95
-99.99 To 241.7 %



MAT 4131

730.0 keV (n,n') Level
Cross Section

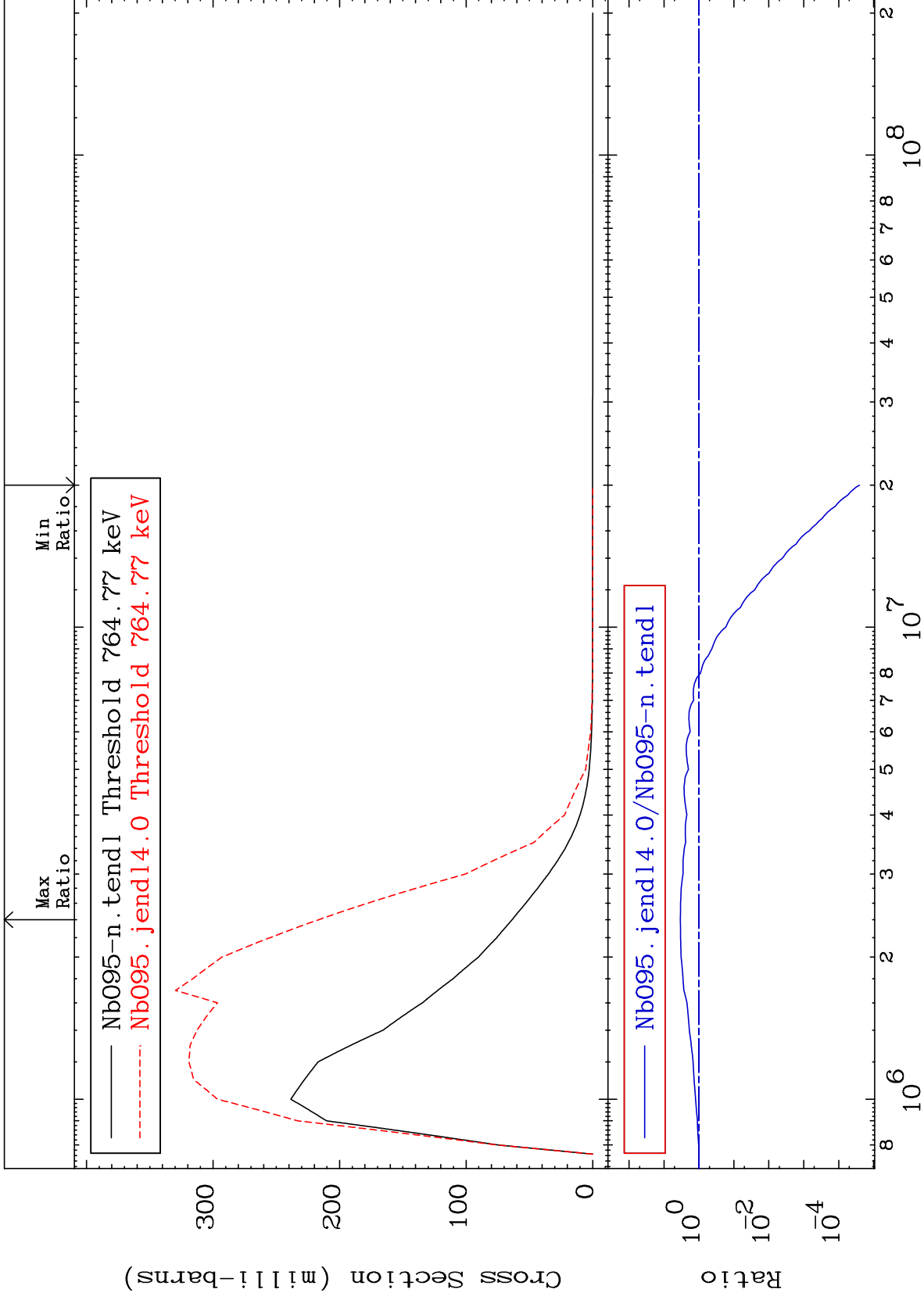
41-Nb-95
-99.99 To 176.1 %



MAT 4131

756.7 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To 240.3 %



12

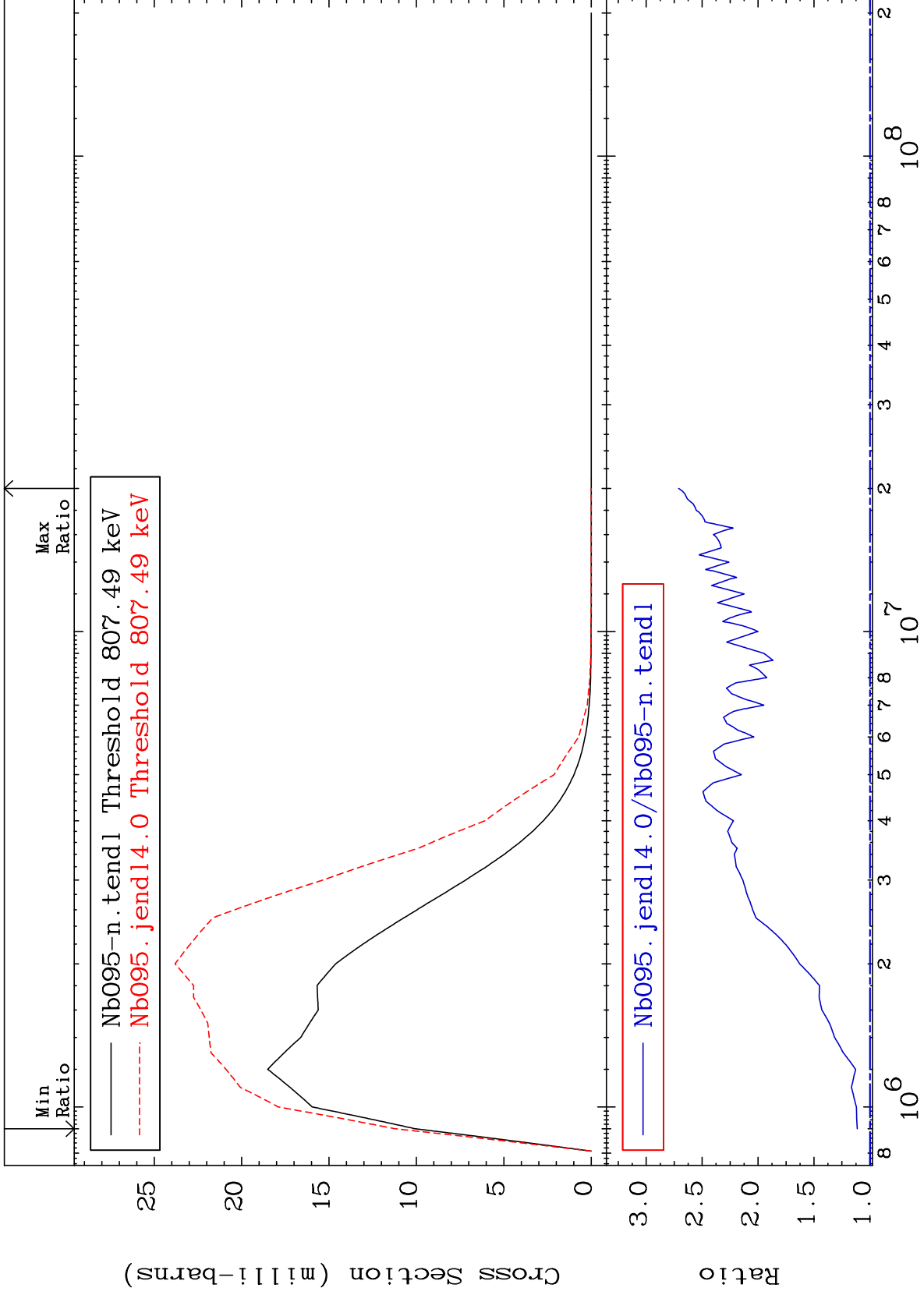
Incident Energy (eV)

41-Nb-95

MAT 4131

799.0 keV (n,n') Level
Cross Section

41-Nb-95
11.31 To 171.0 %



13

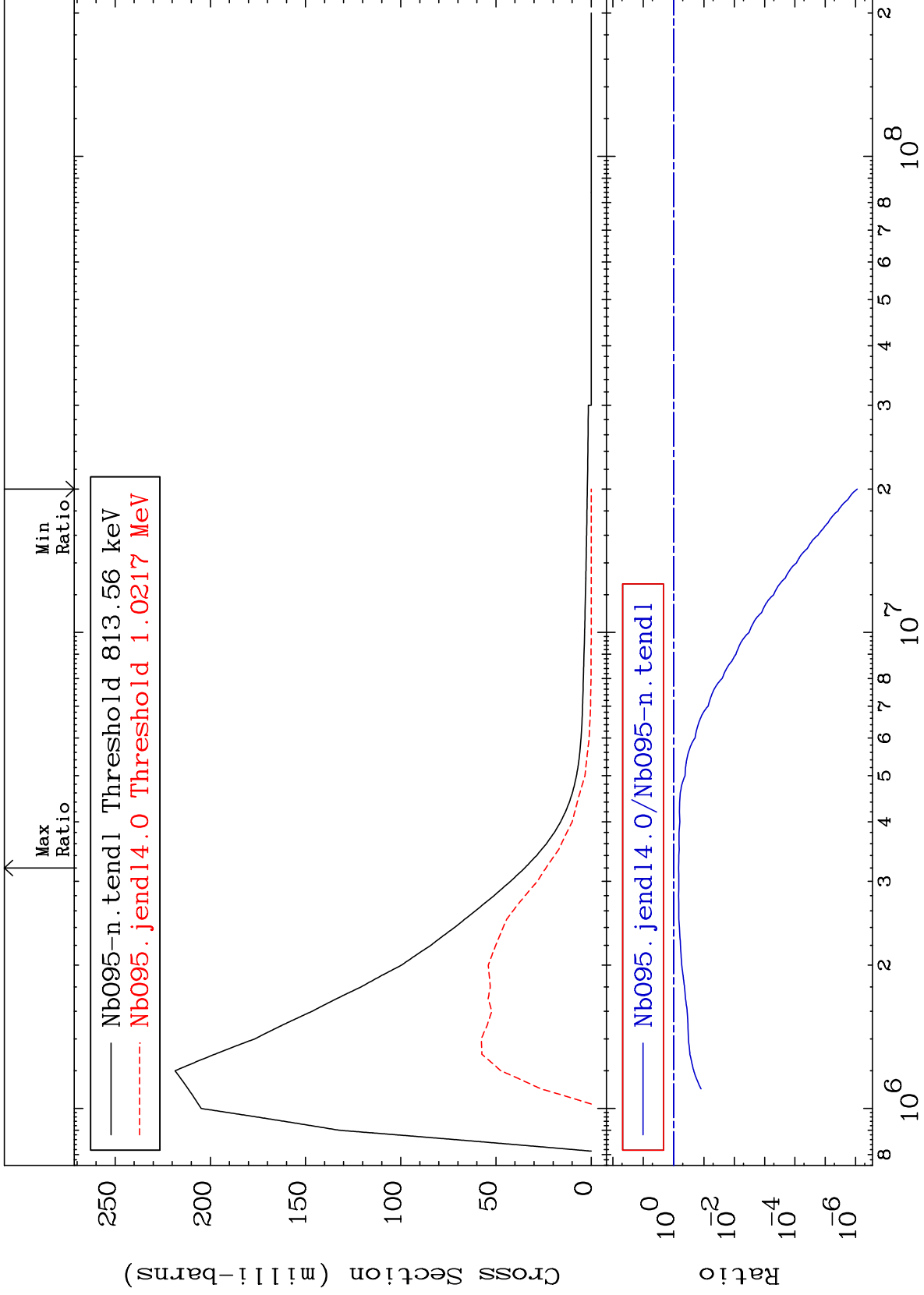
Incident Energy (eV)

41-Nb-95

MAT 4131

805.0 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To -31.81%



14

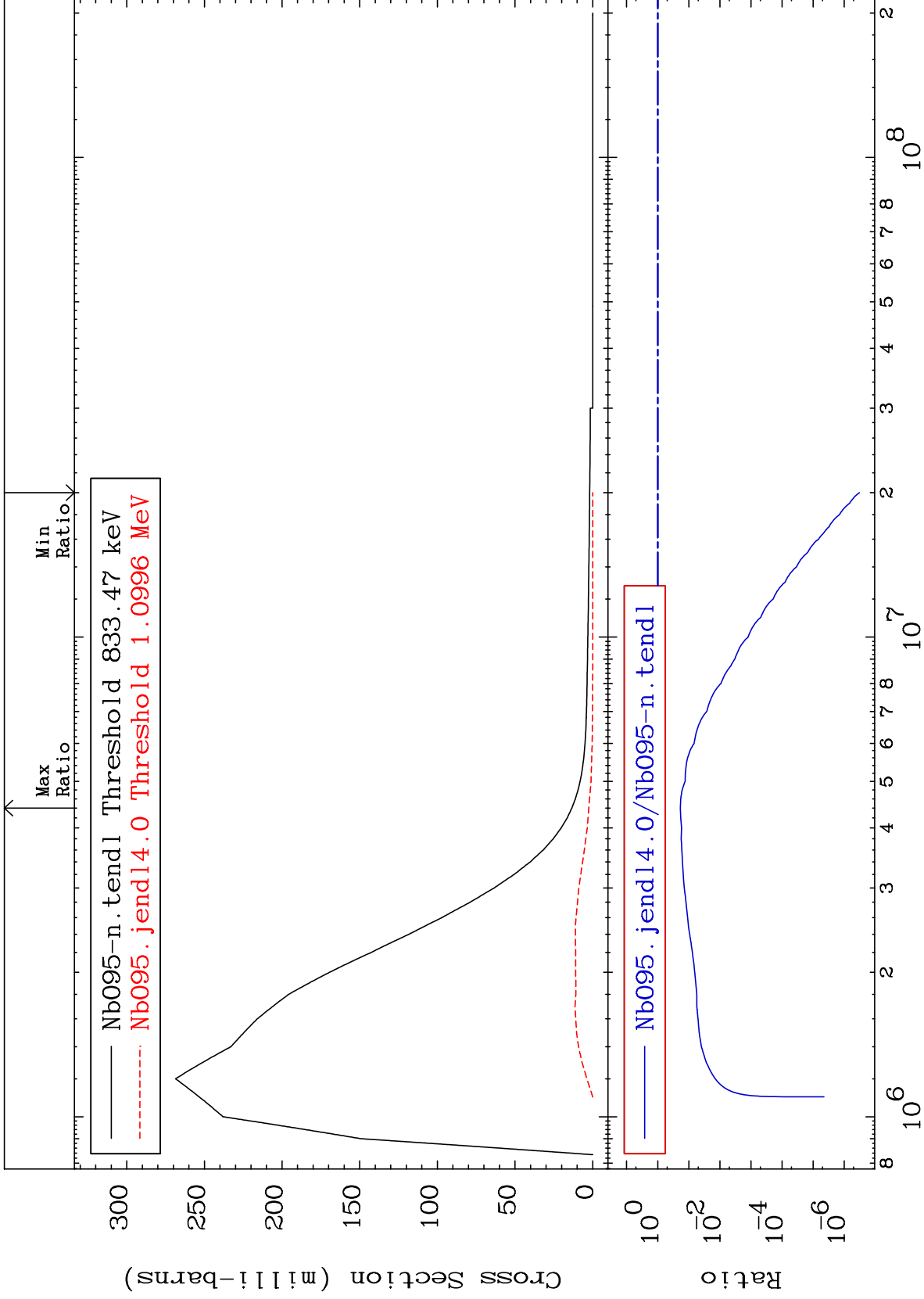
Incident Energy (eV)

41-Nb-95

MAT 4131

824.7 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To -81.30%



15

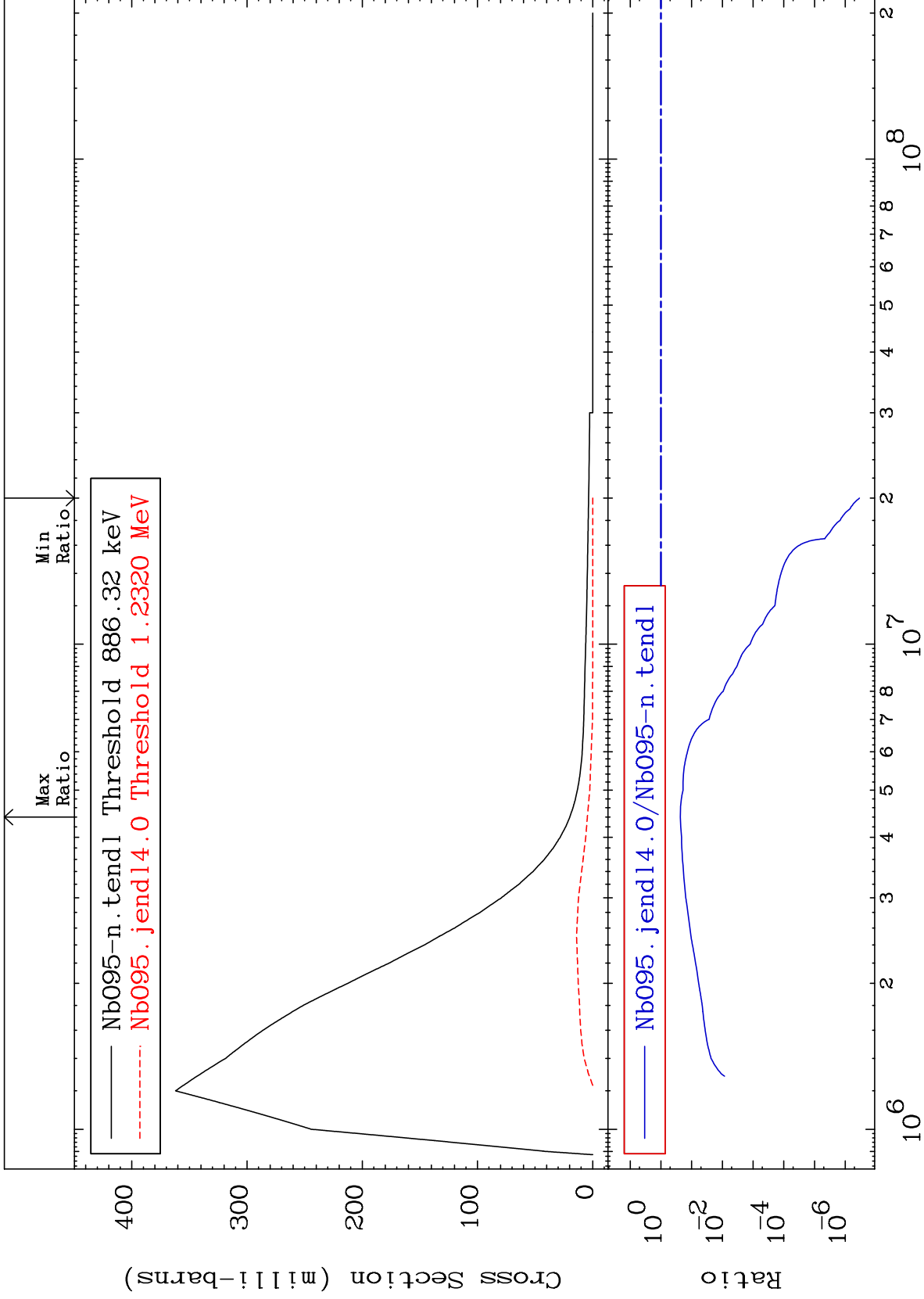
Incident Energy (eV)

41-Nb-95

MAT 4131

877.0 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To -76.74%



16

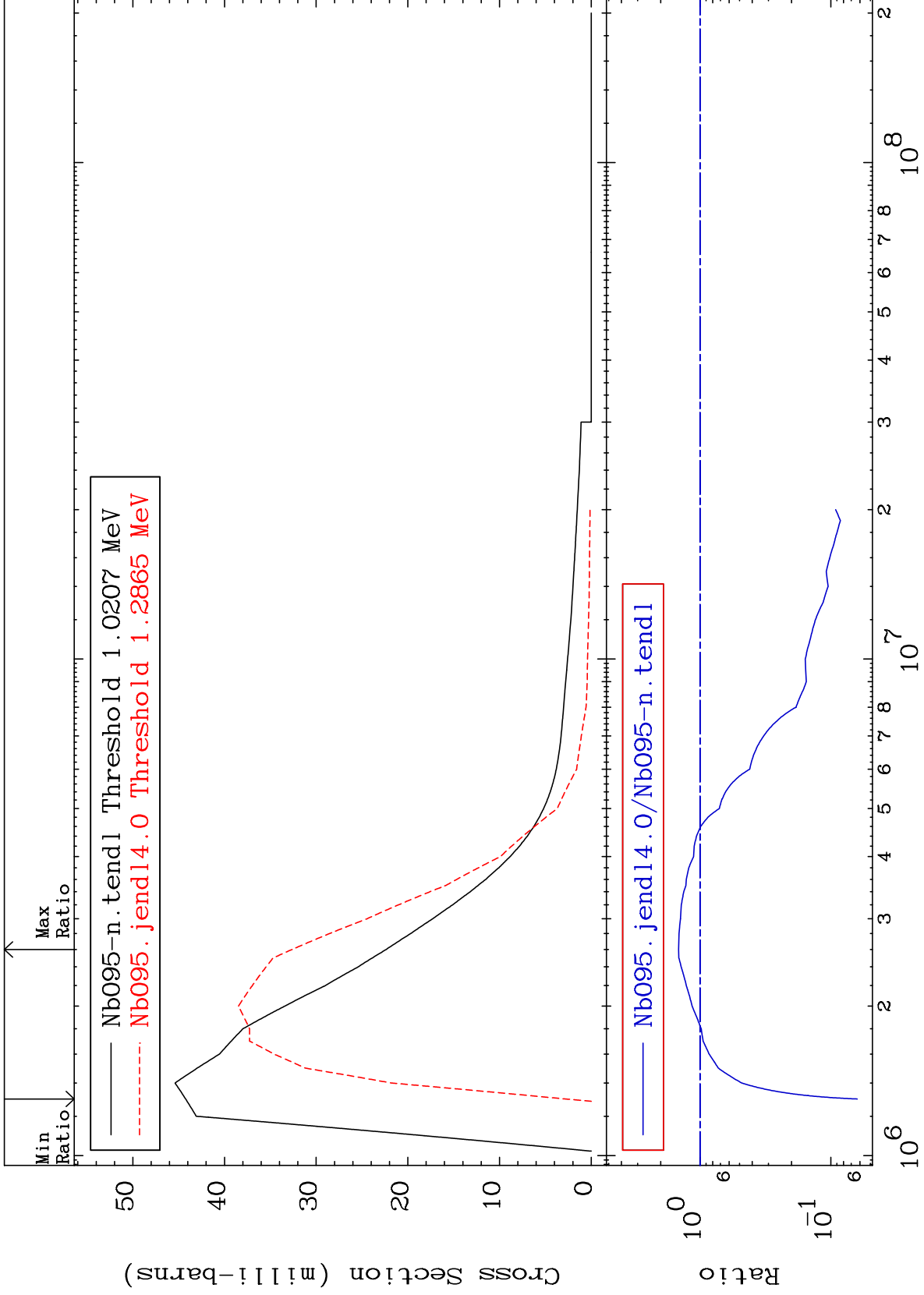
Incident Energy (eV)

41-Nb-95

MAT 4131

1.010 MeV (n,n') Level
Cross Section

41-Nb-95
-93.71 To 45.93 %



17

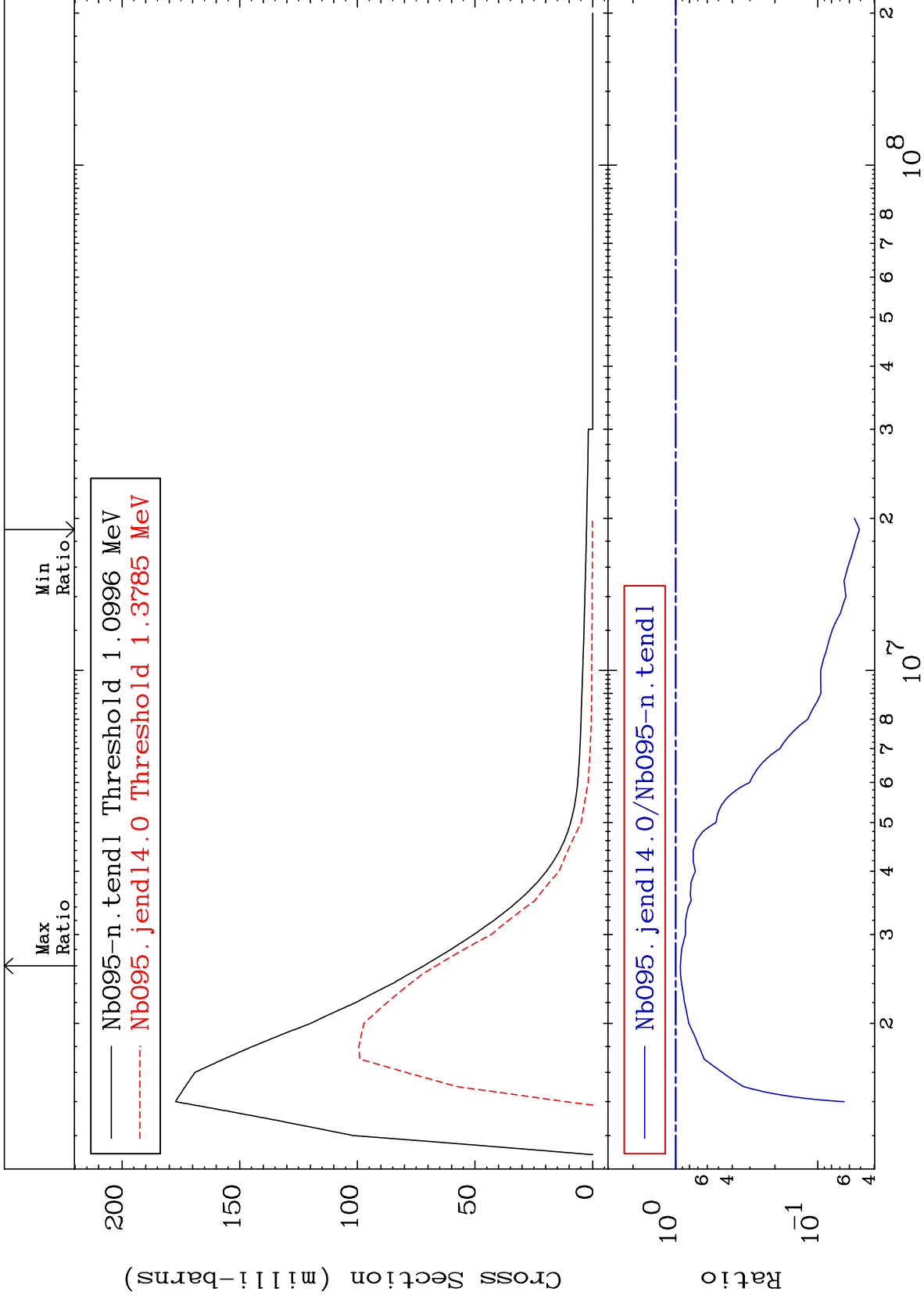
Incident Energy (eV)

41-Nb-95

MAT 4131

1.088 MeV (n,n') Level
Cross Section

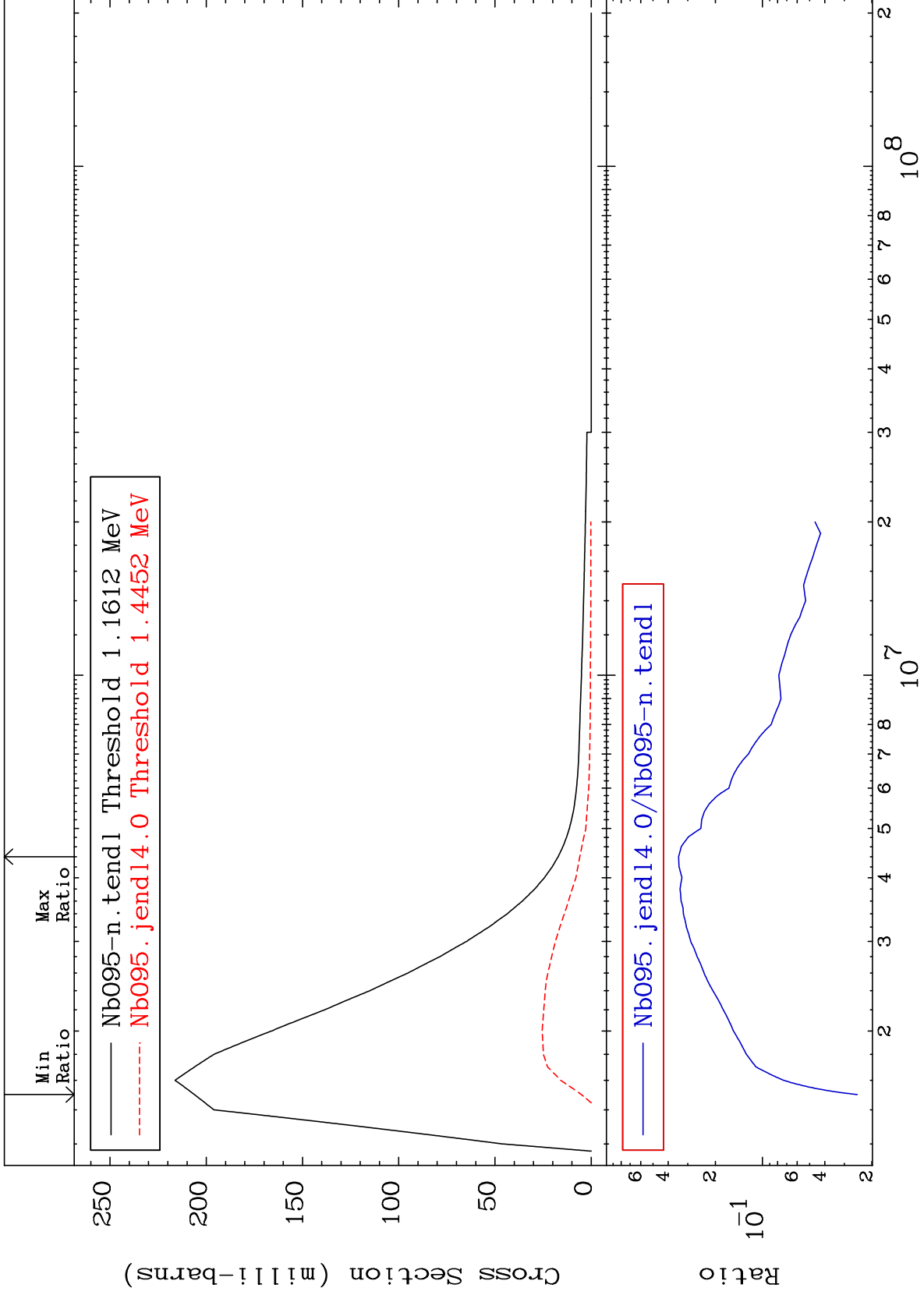
41-Nb-95
-94.91 To -7.122%

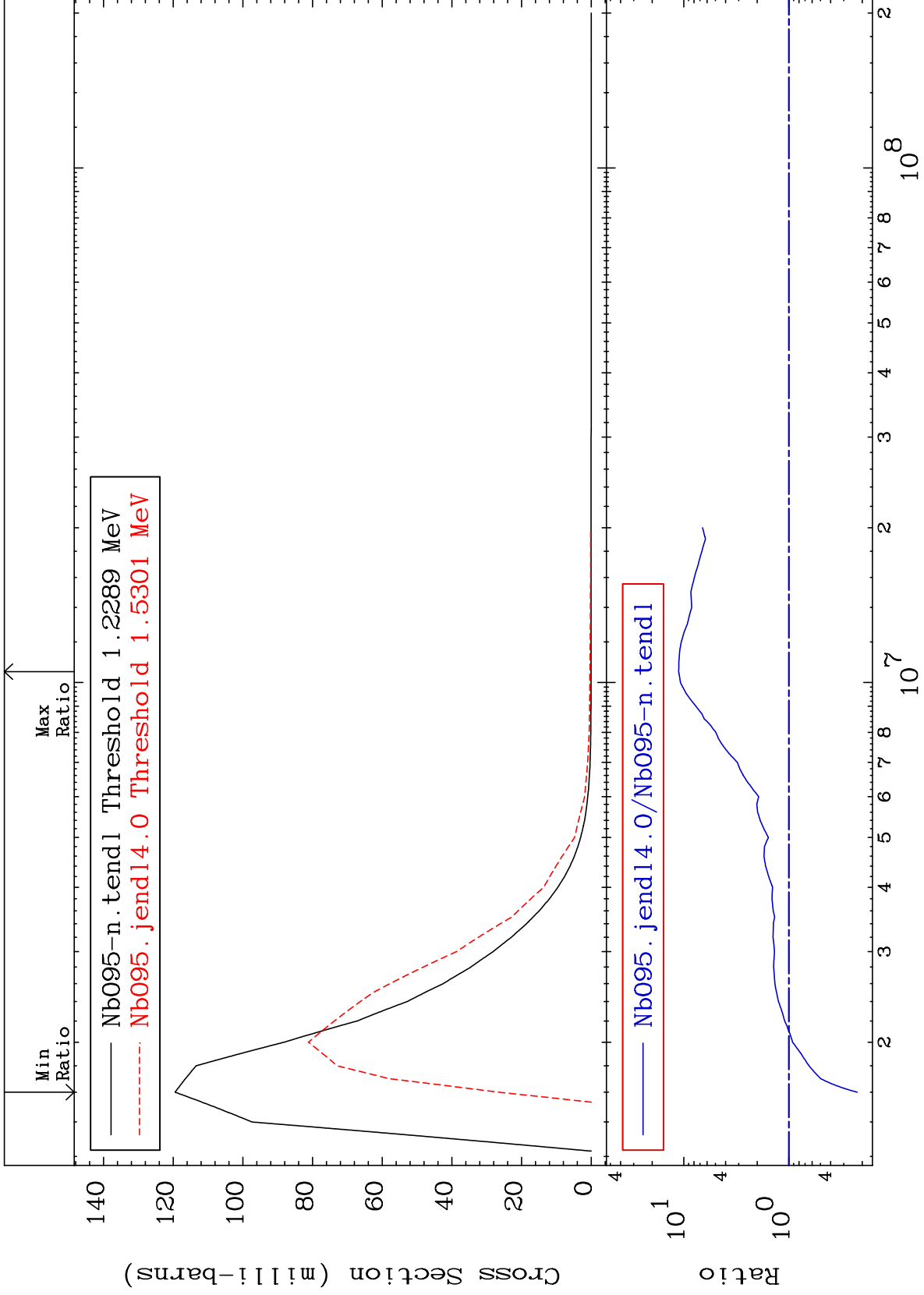


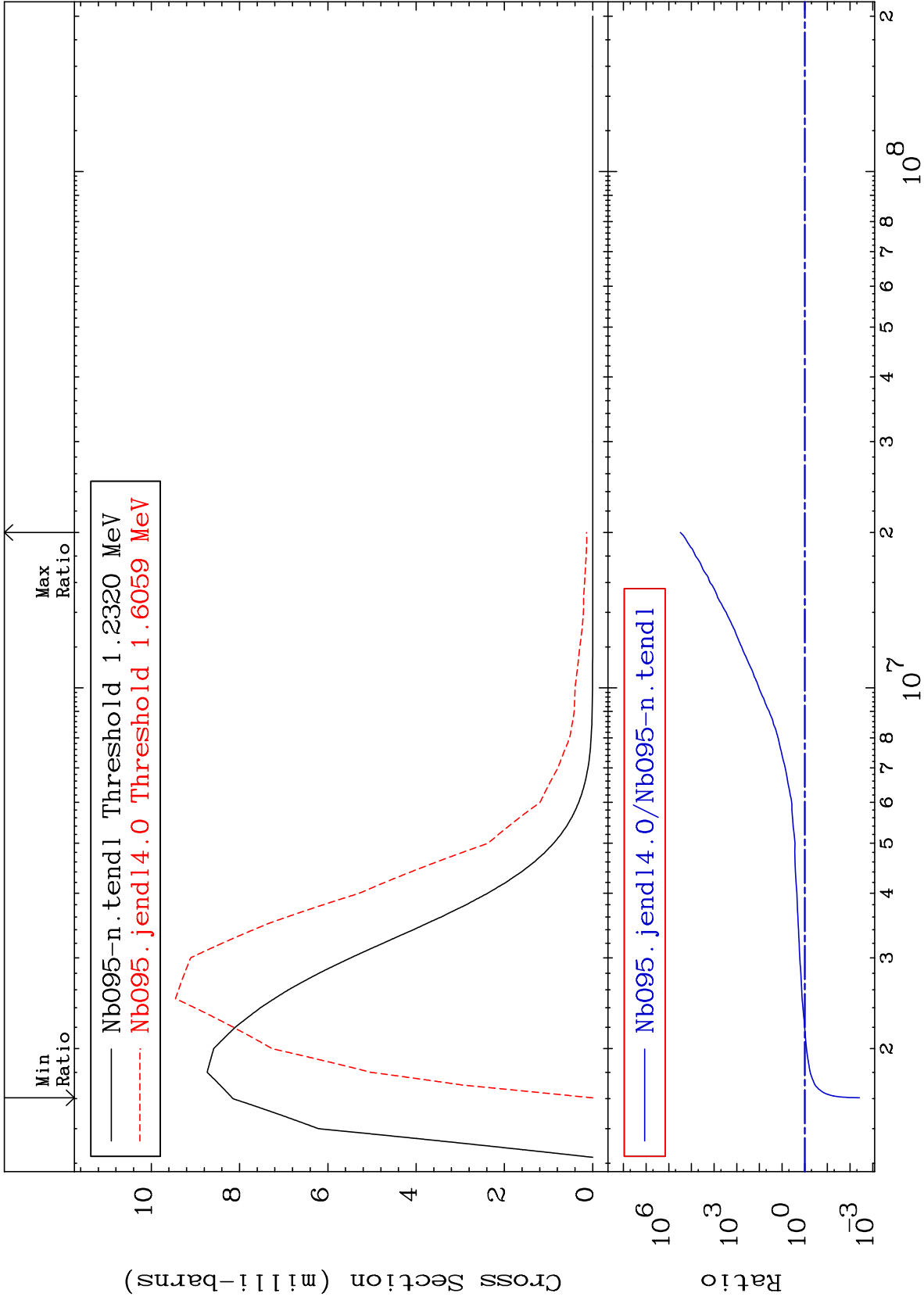
MAT 4131

1.149 MeV (n,n') Level
Cross Section

41-Nb-95
-97.52 To -65.68%



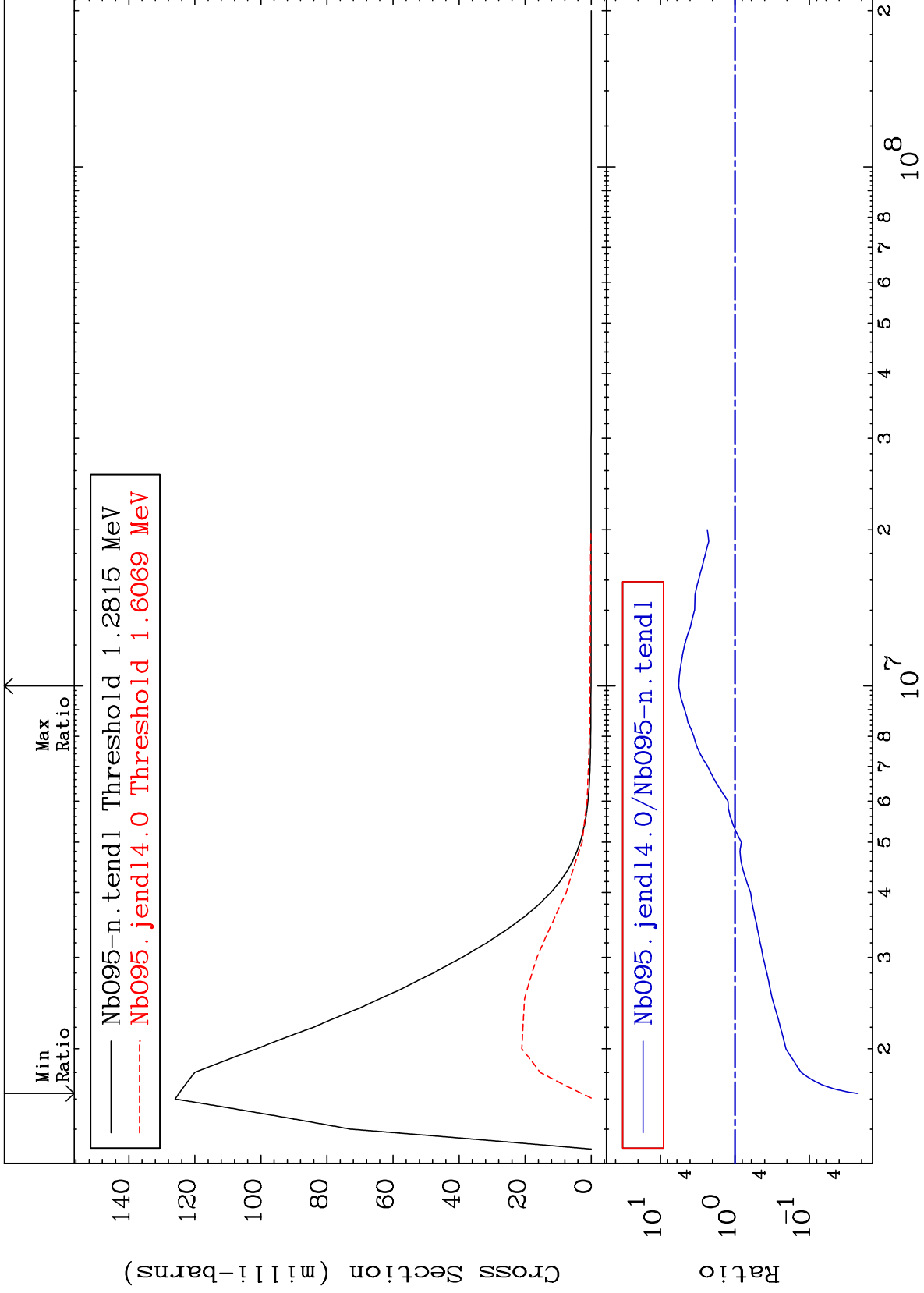




MAT 4131

1.268 MeV (n,n') Level
Cross Section

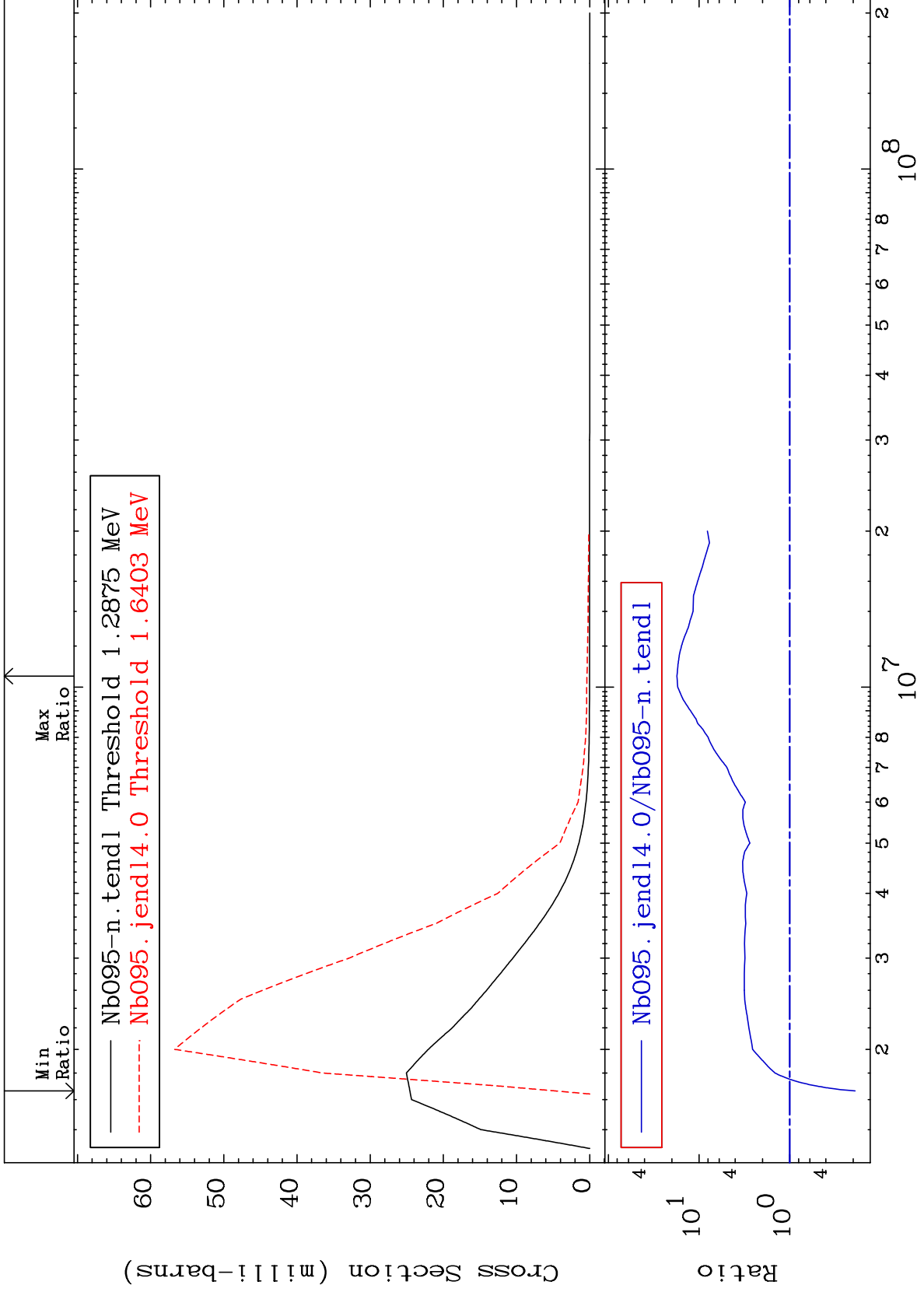
41-Nb-95
-97.72 To 469.6 %



MAT 4131

1.274 MeV (n,n') Level
Cross Section

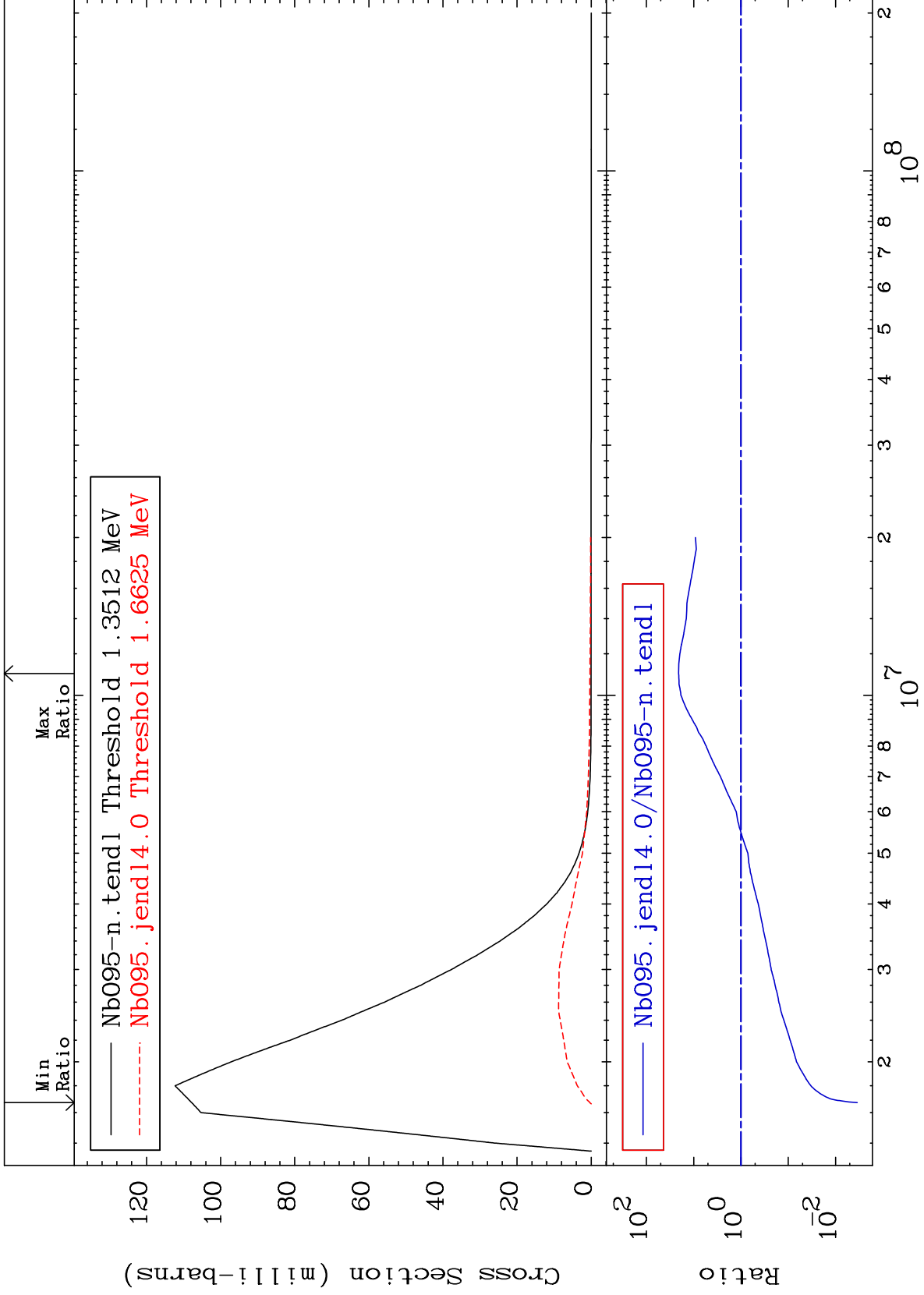
41-Nb-95
-80.95 To 1656. %

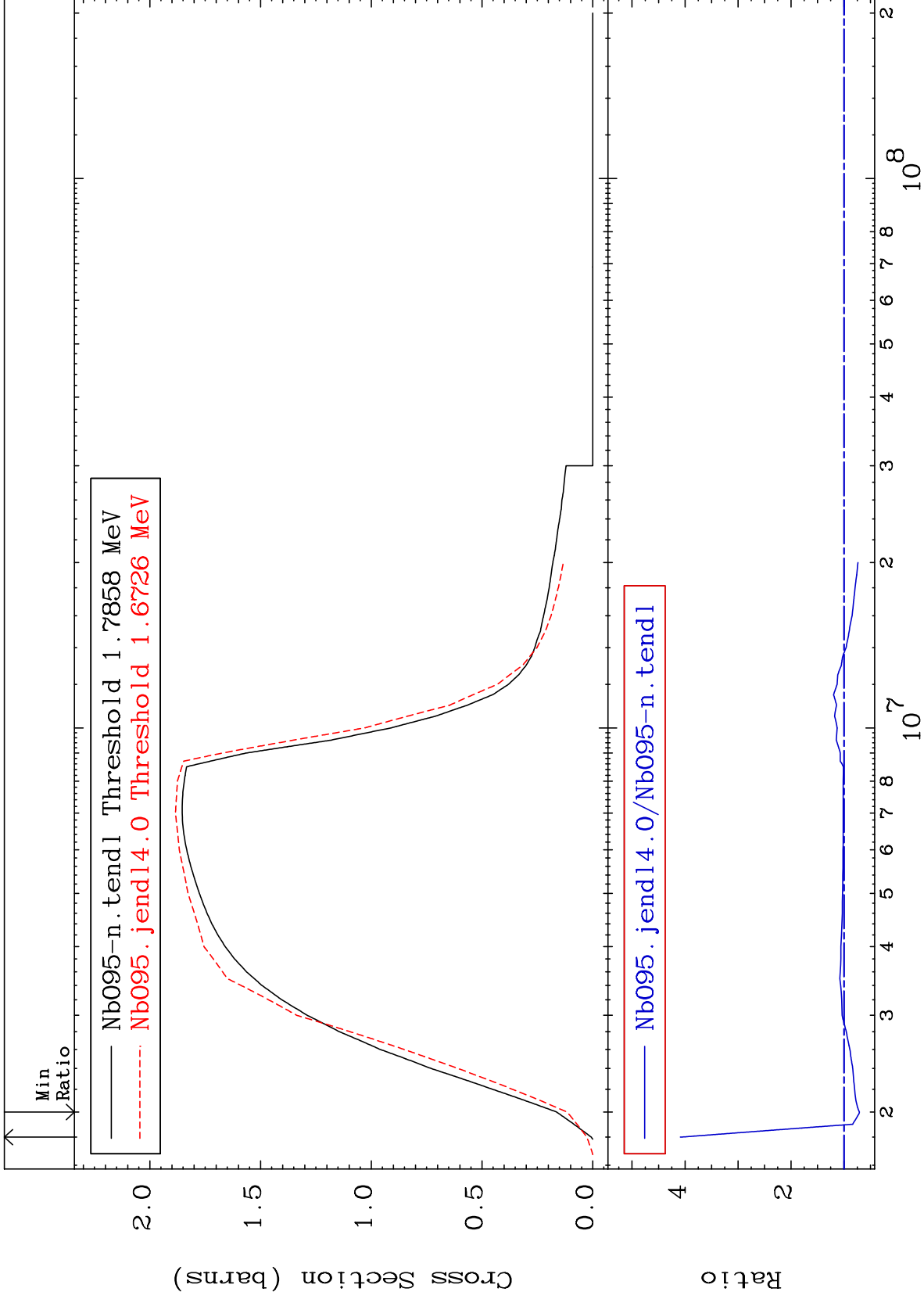


MAT 4131

1.337 MeV (n,n') Level
Cross Section

41-Nb-95
-99.65 To 1982. %

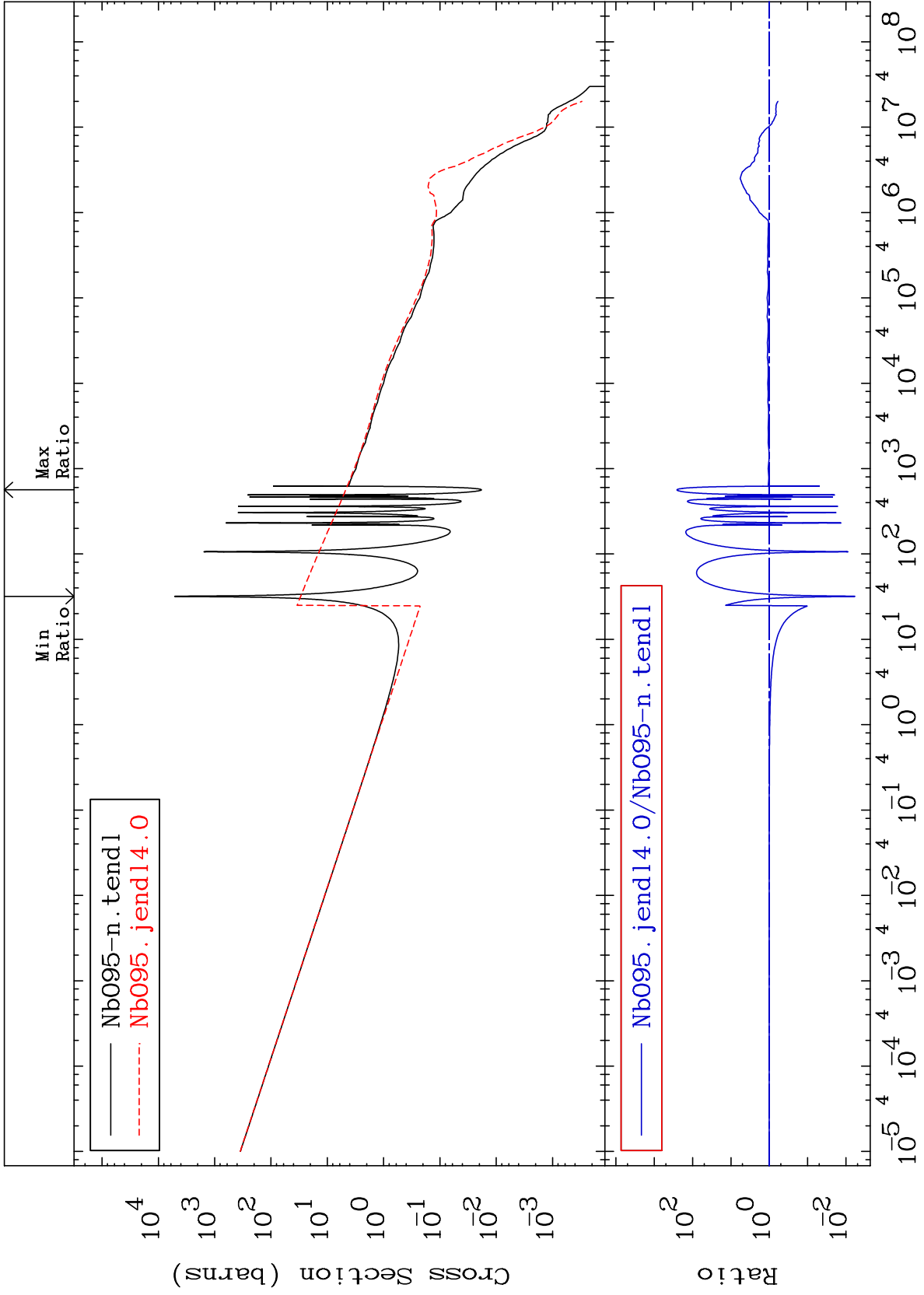




MAT 4131

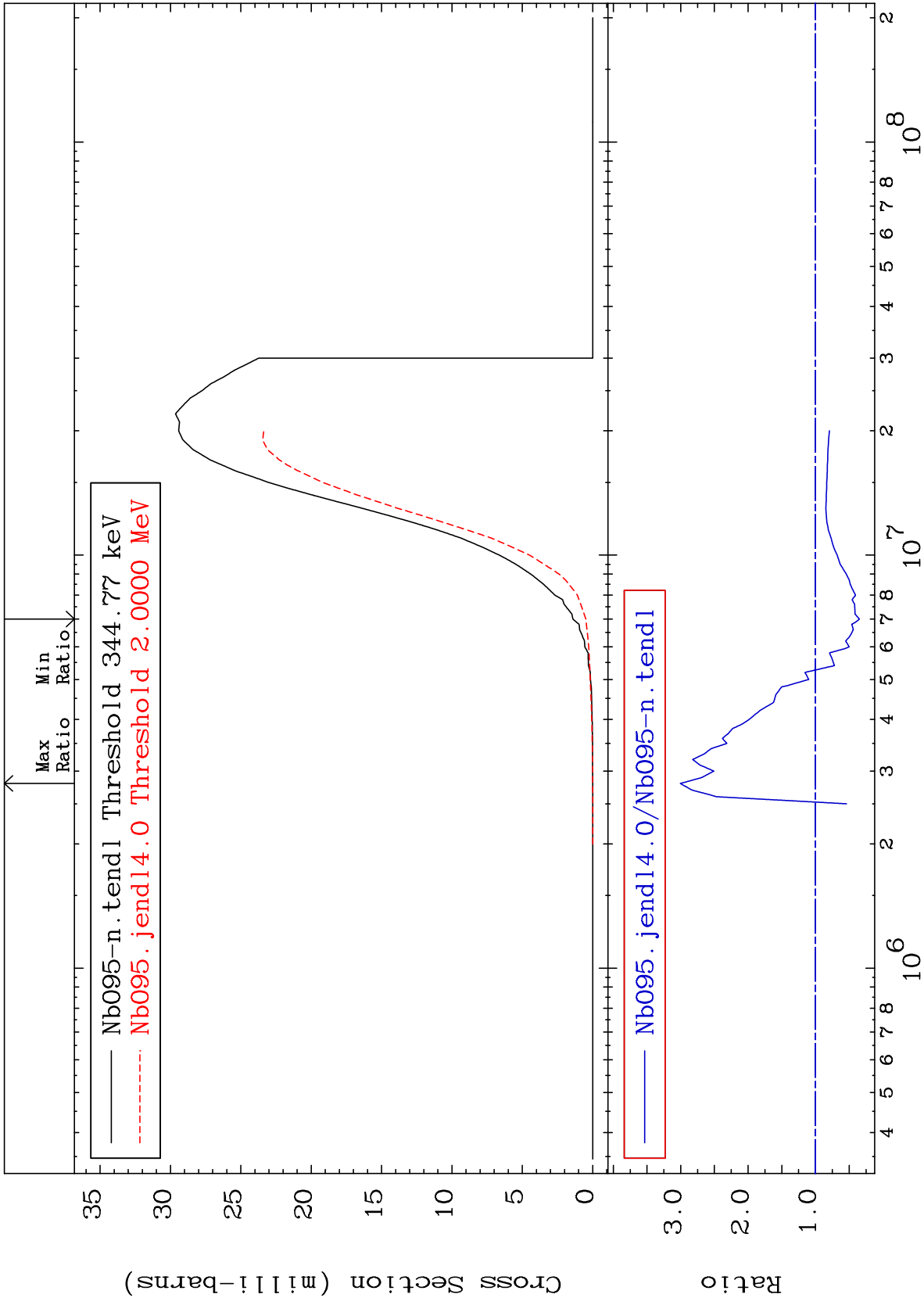
(n, γ)
Cross Section

41-Nb-95
-99.42 To 9999. %



MAT 4131

(n,p)
Cross Section
41-Nb-95
-65.25 To 200.5 %



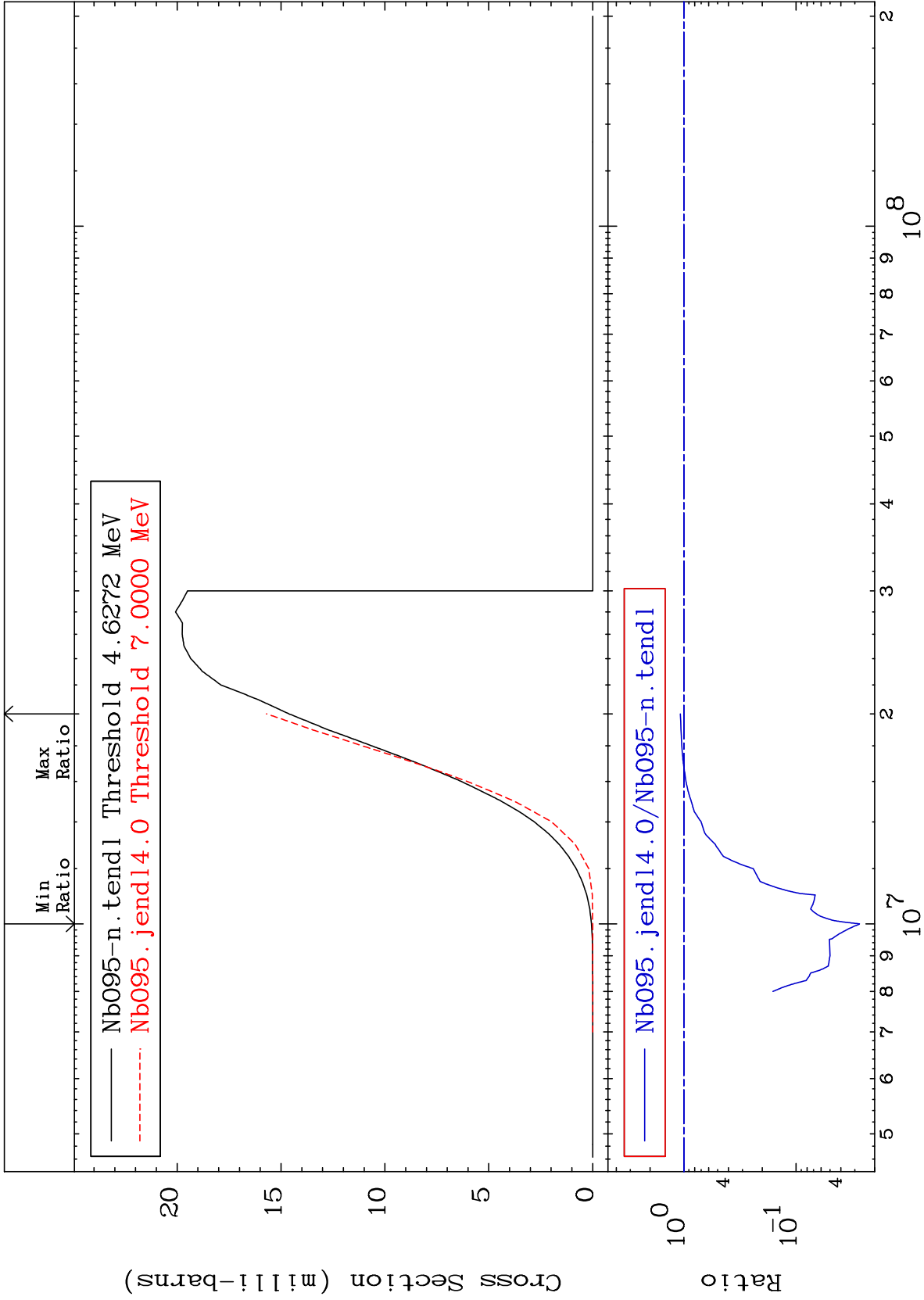
27

Incident Energy (eV)

41-Nb-95

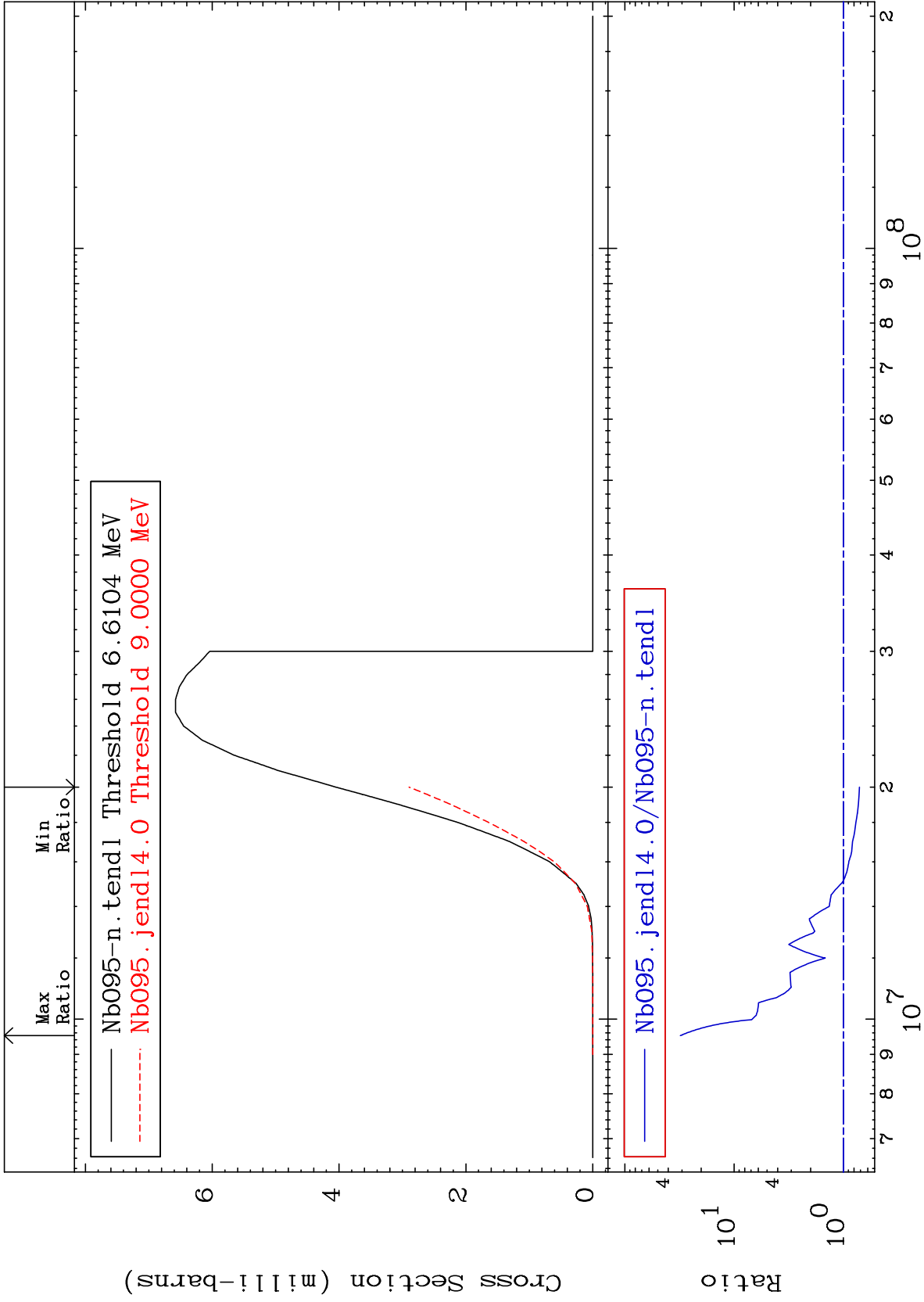
Cross Section

-97.27 To 7.367 %



Cross Section

-28.57 To 3002. %



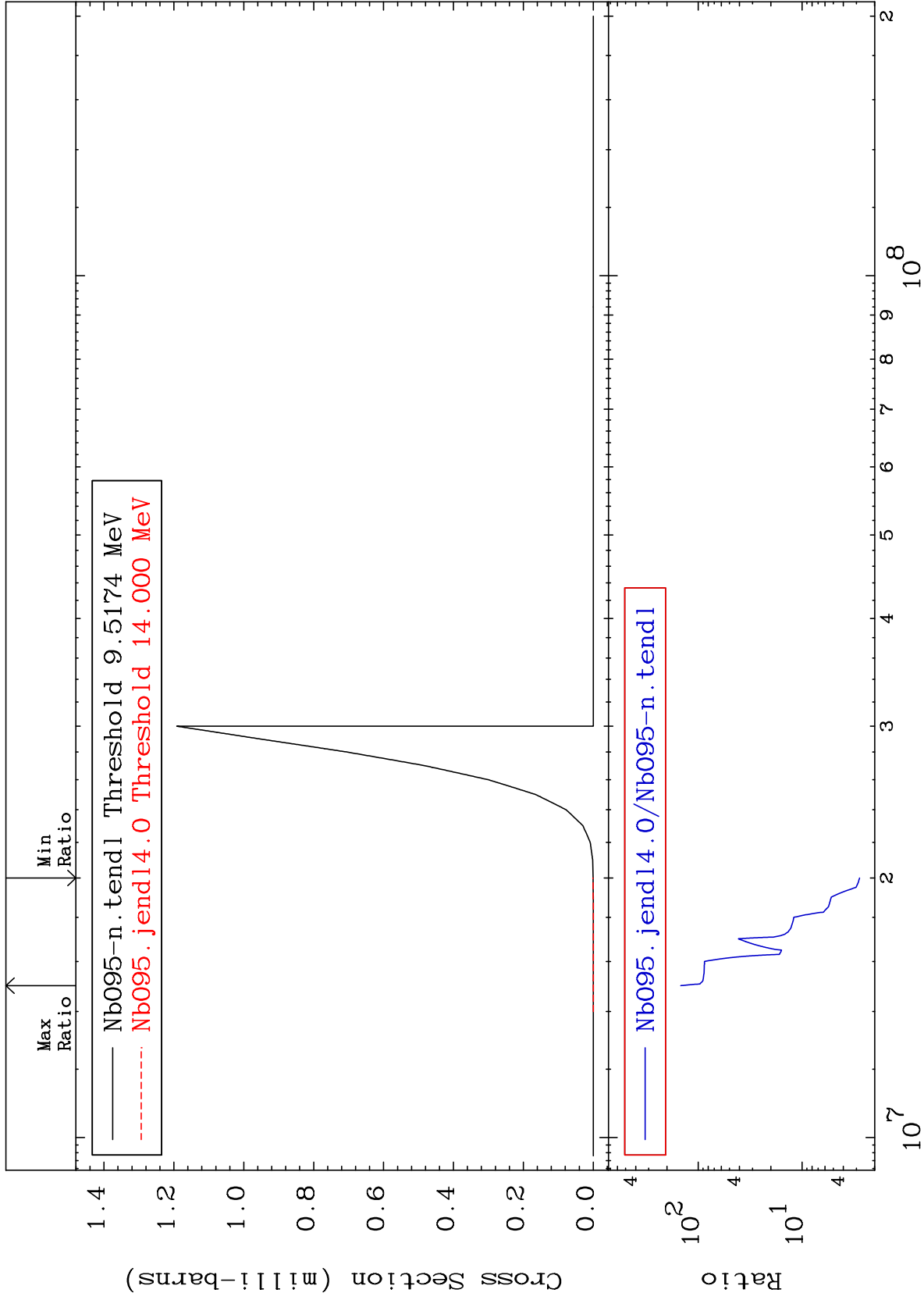
MAT 4131

(n, He-3)

41-Nb-95

Cross Section

179.3 To 9999. %



Incident Energy (eV)

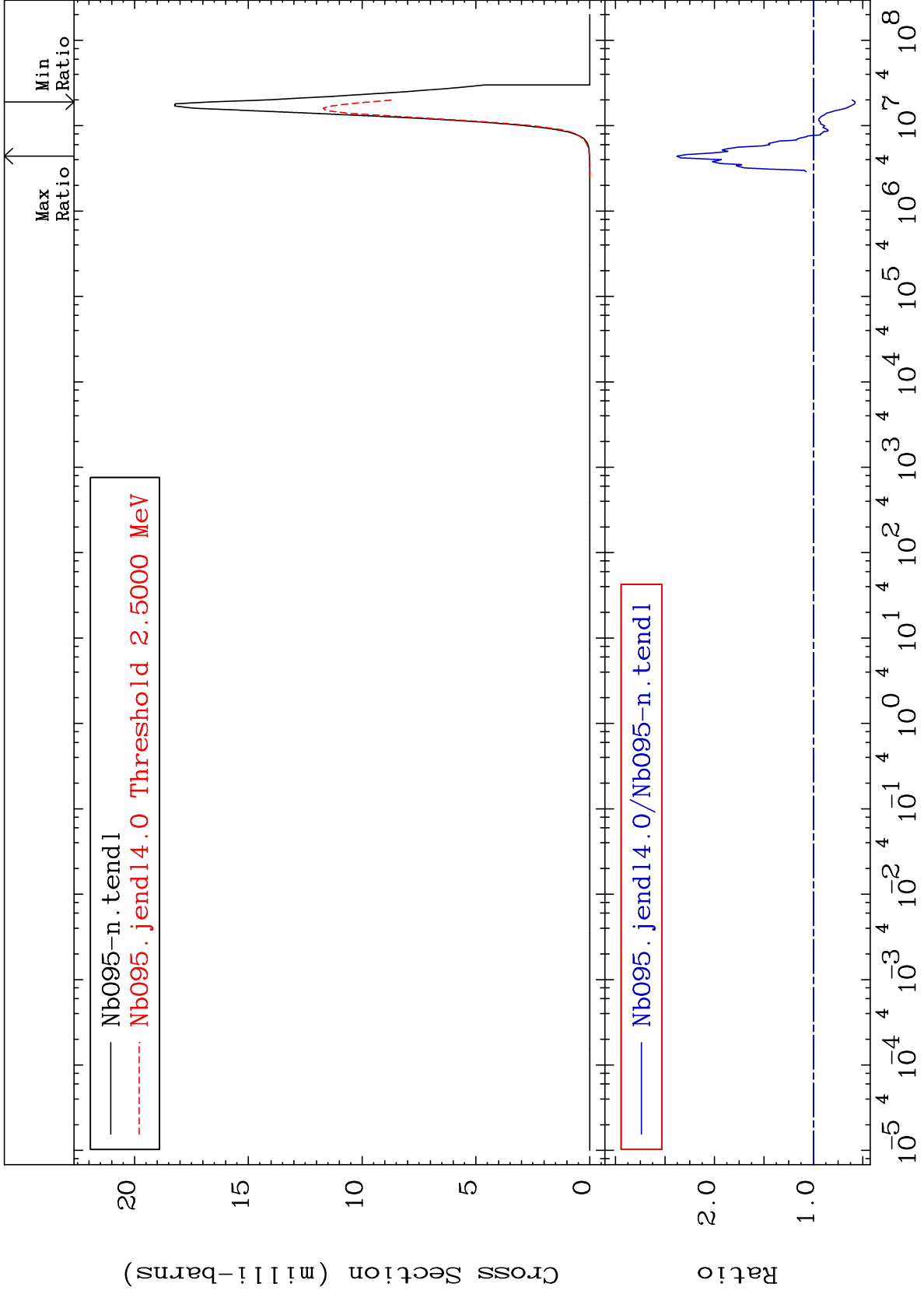
41-Nb-95

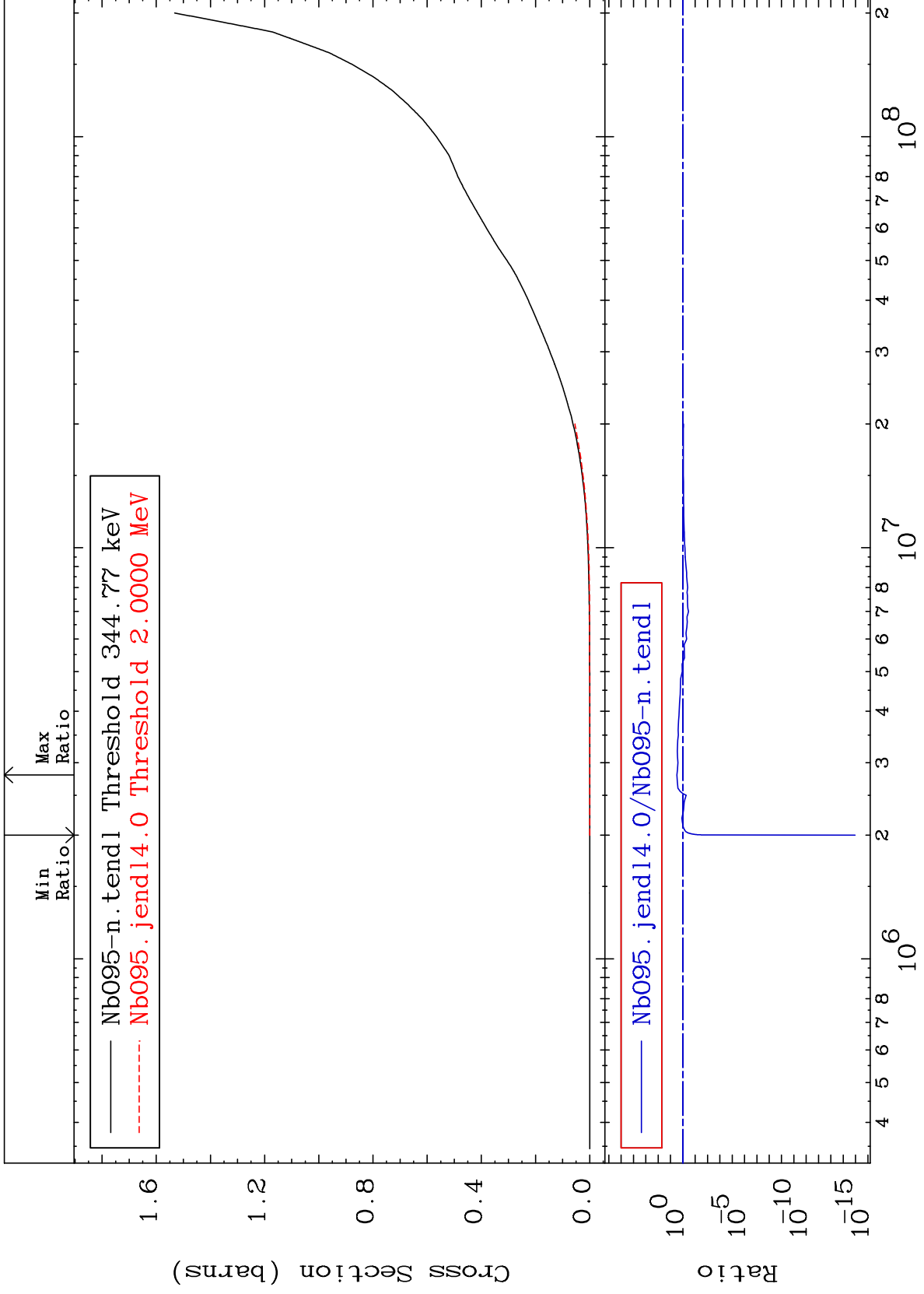
30

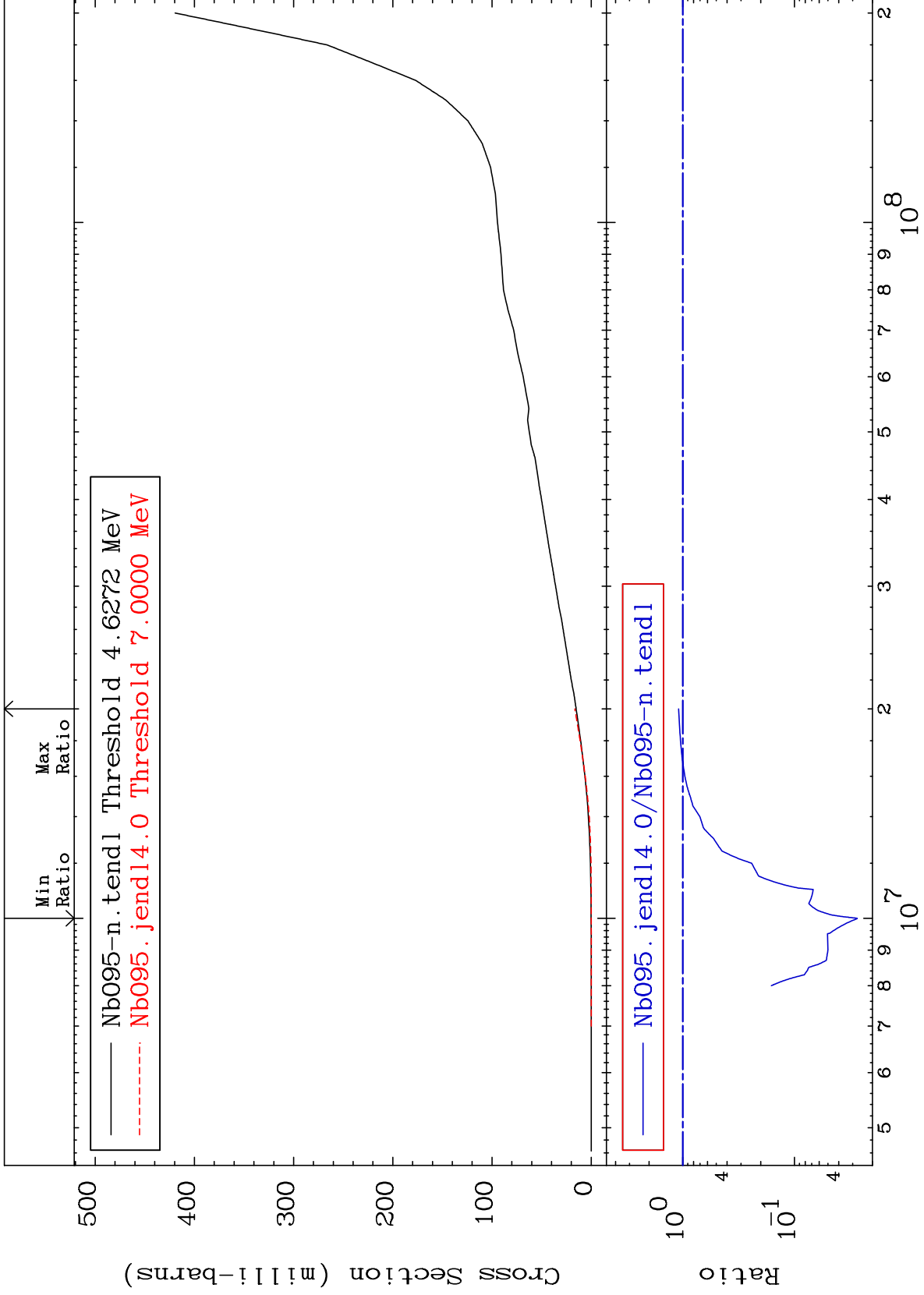
MAT 4131

(n, α)
Cross Section

41-Nb-95
-42.15 To 137.9 %



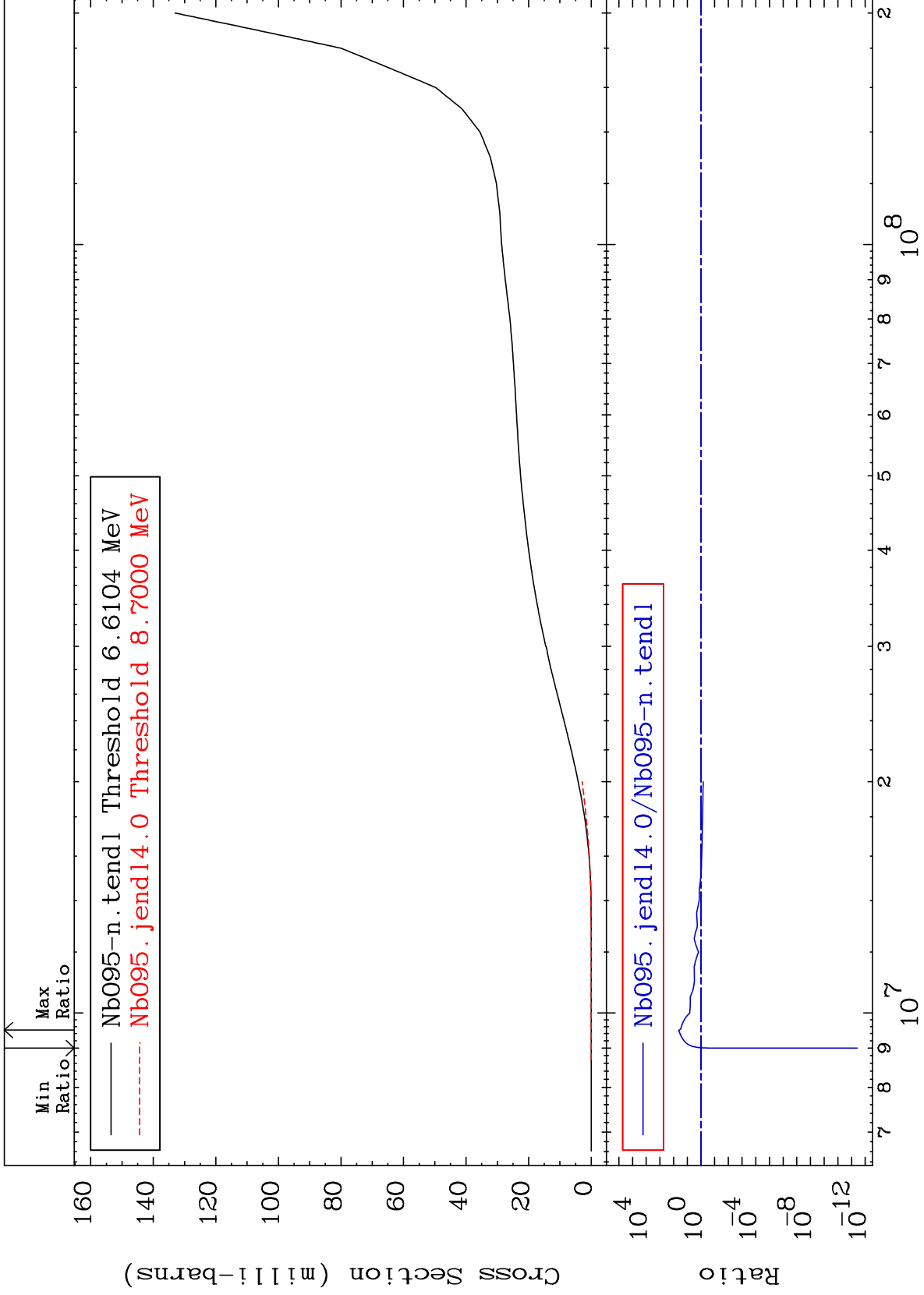




MAT 4131

Tritium Production
Cross Section

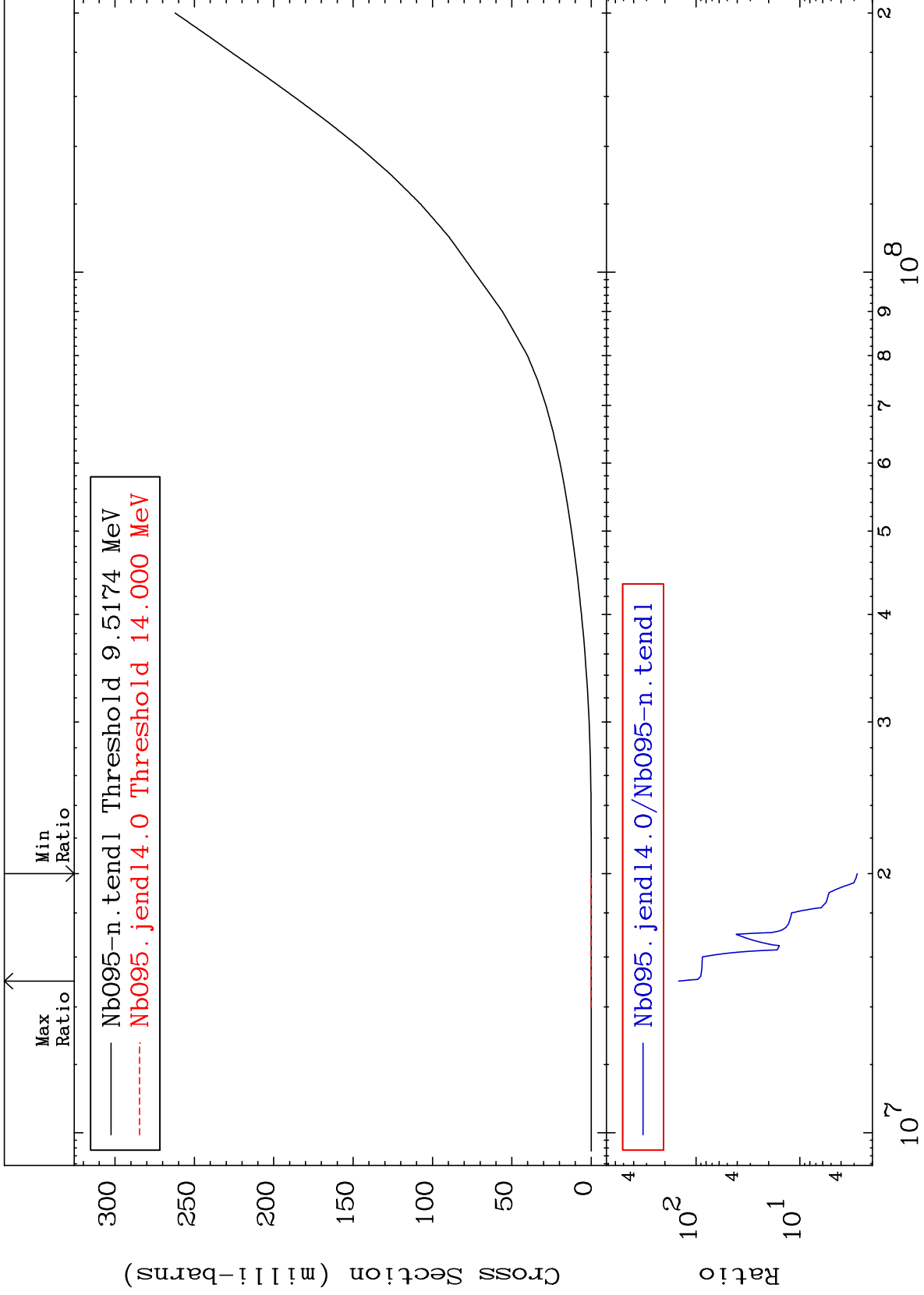
41-Nb-95
-100.0 To 4181. %



MAT 4131

He-3 Production
Cross Section

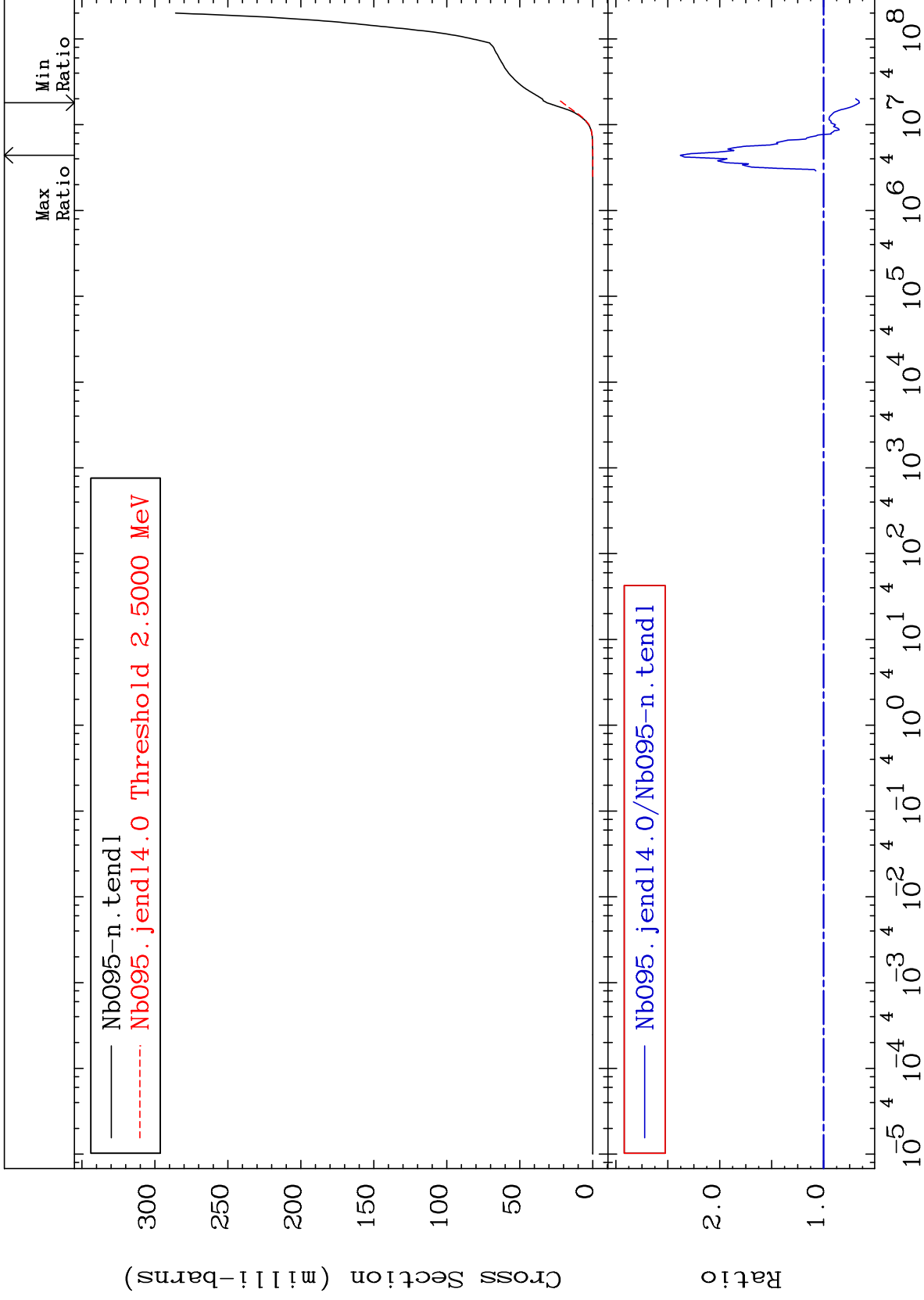
41-Nb-95
179.3 To 9999. %



35

Incident Energy (eV)

41-Nb-95



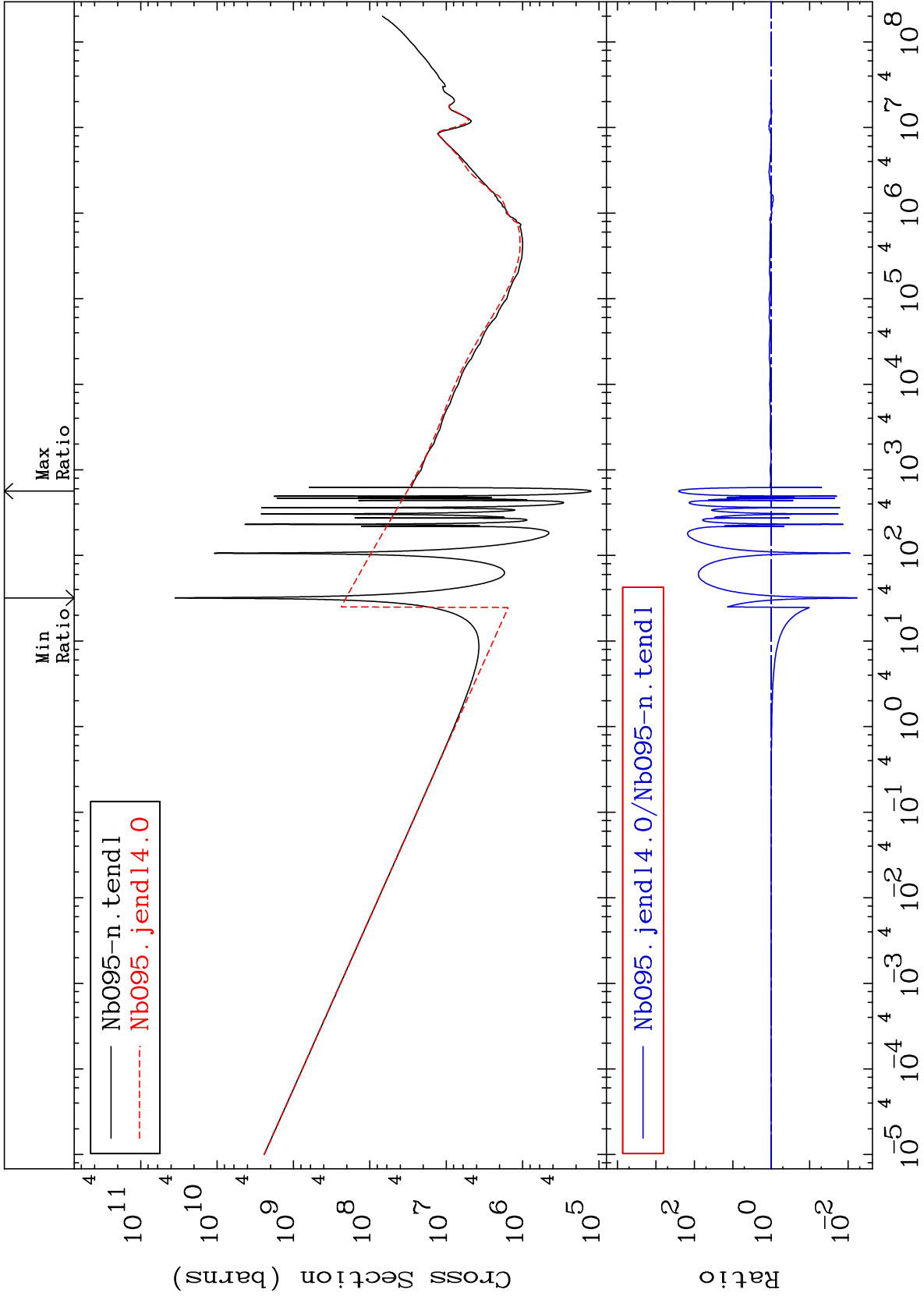
MAT 4131

Kerma total (eV-barns)

41-Nb-95

-99.42 To 9999. %

Cross Section

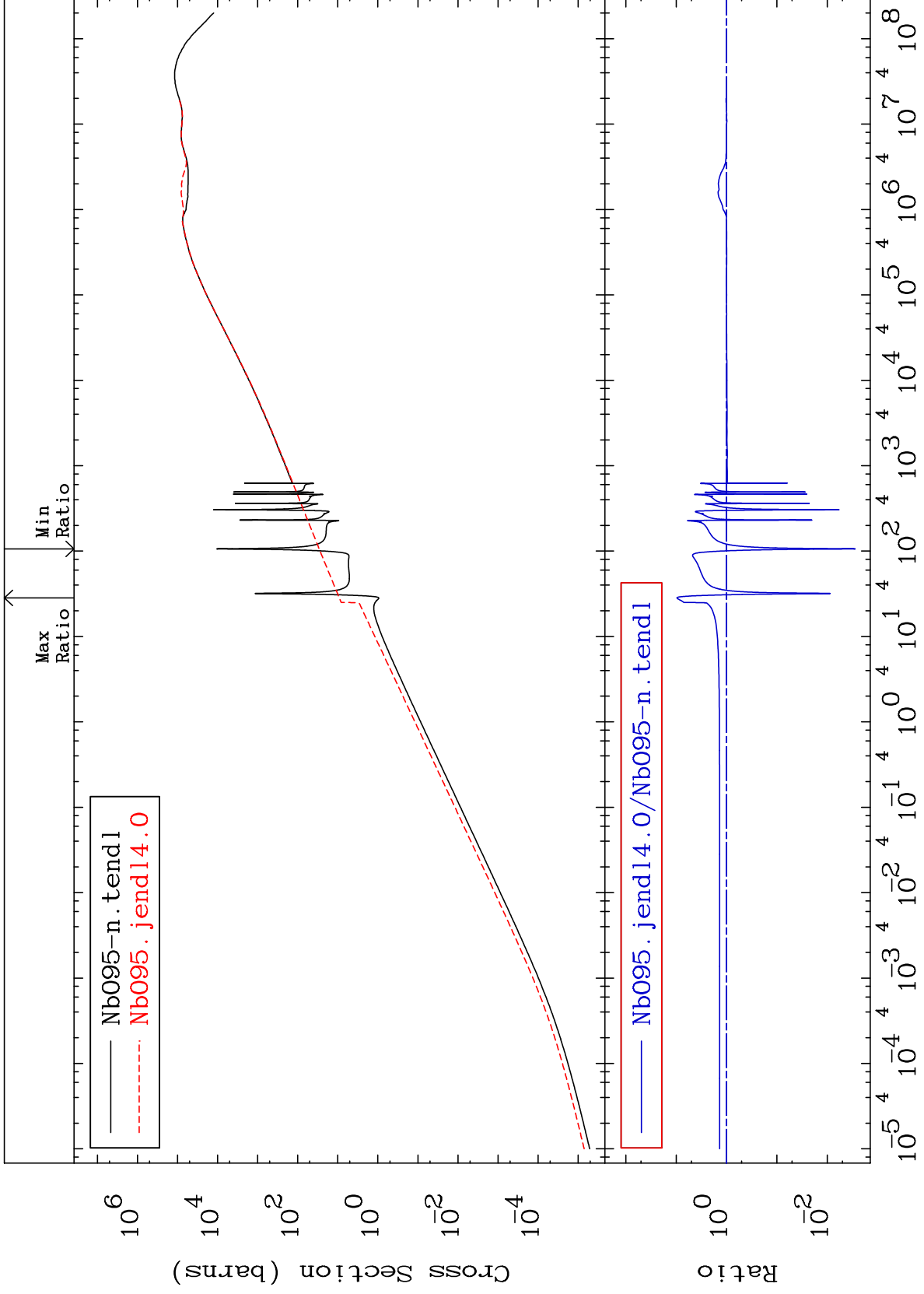


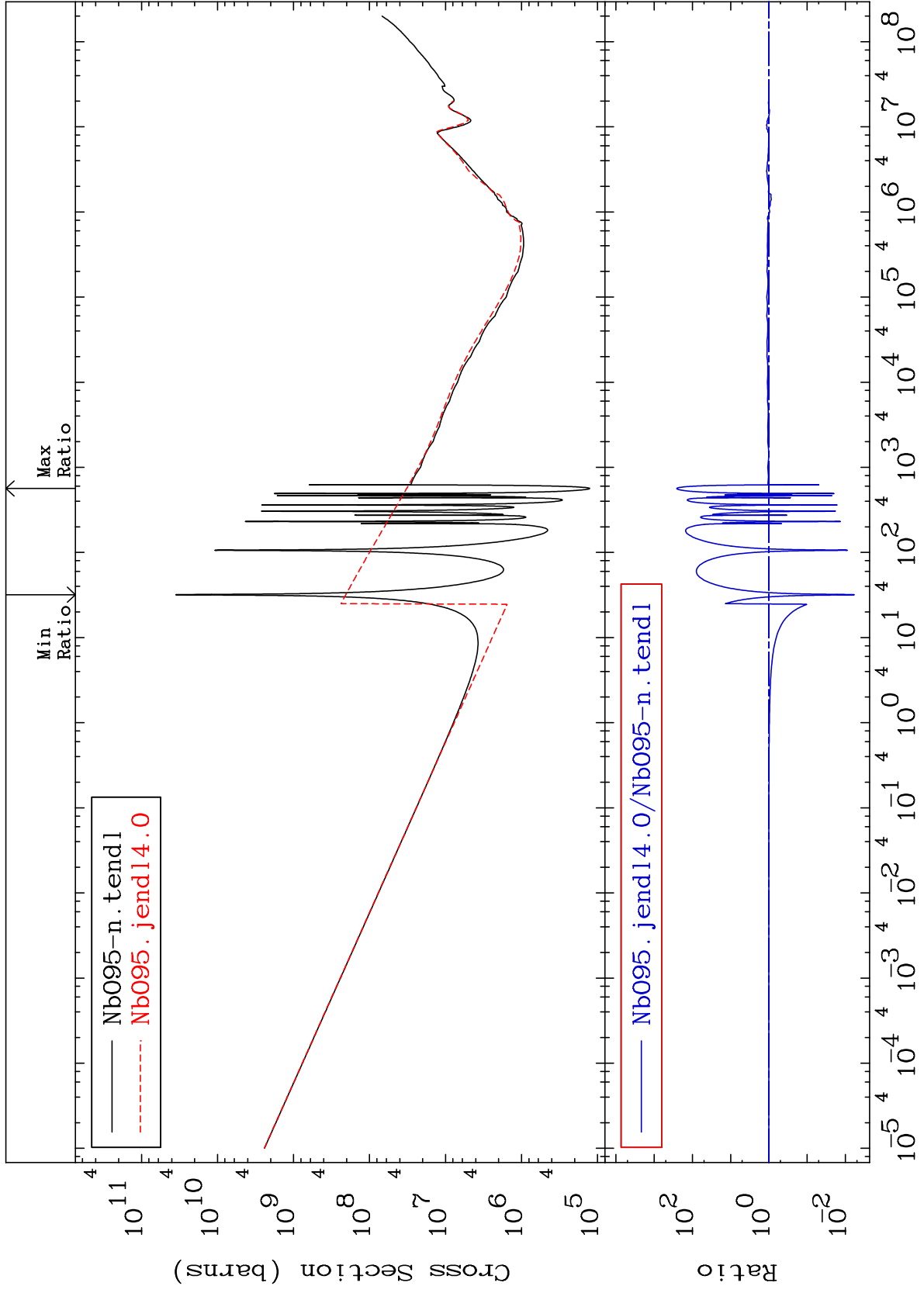
Nb095.jendl4.0/Nb095-n.tendl

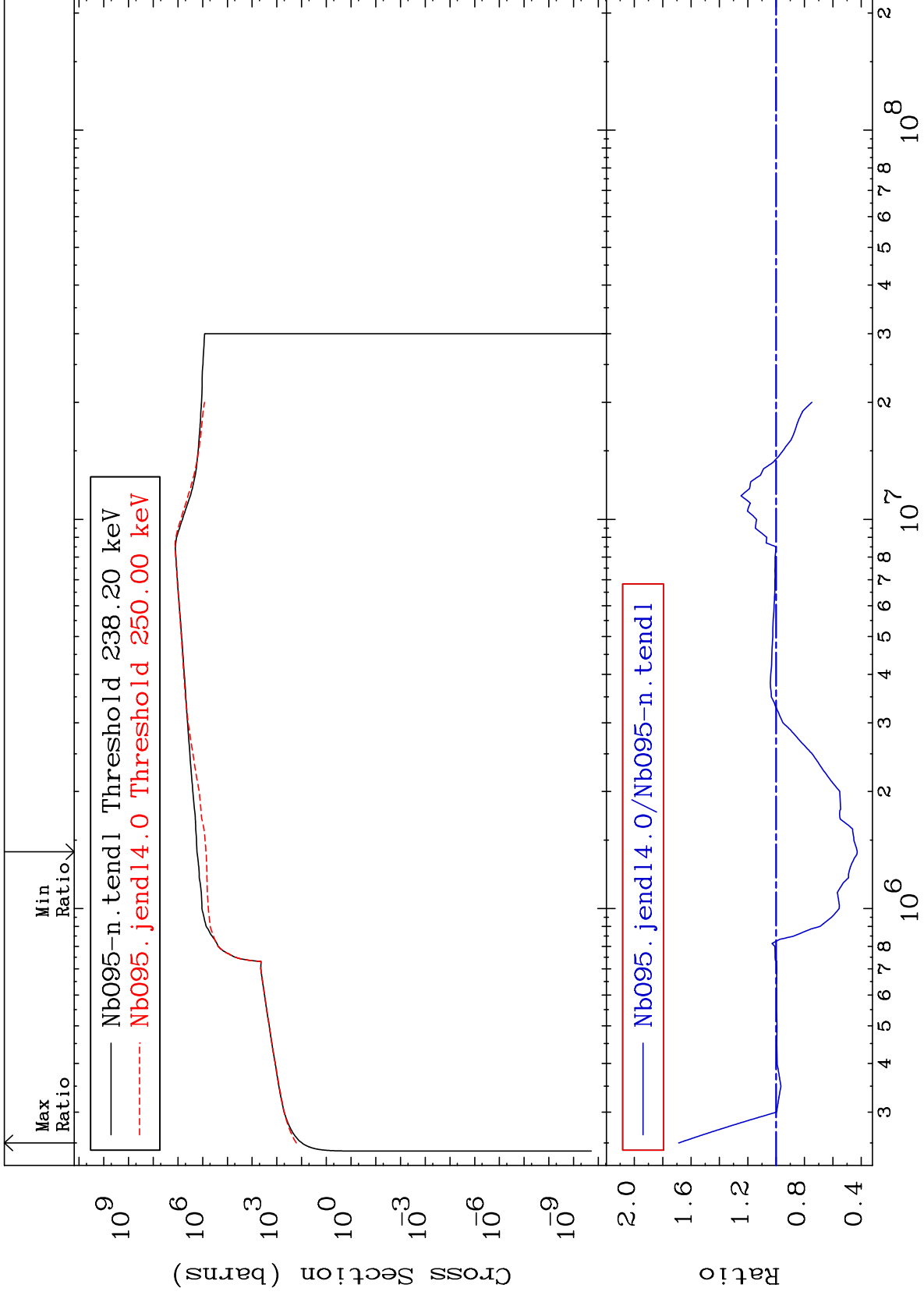
37

Incident Energy (eV)

41-Nb-95



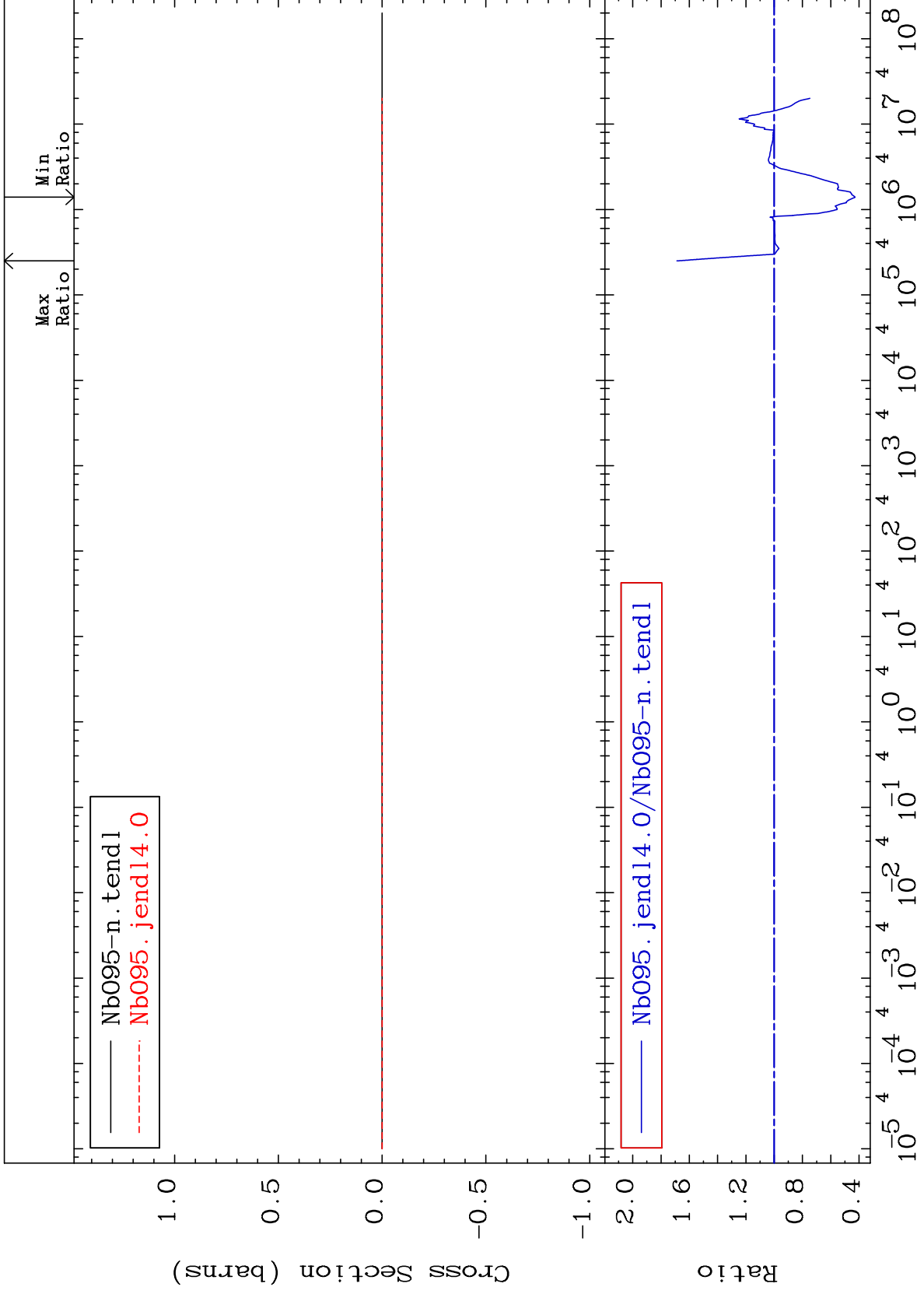




MAT 4131

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

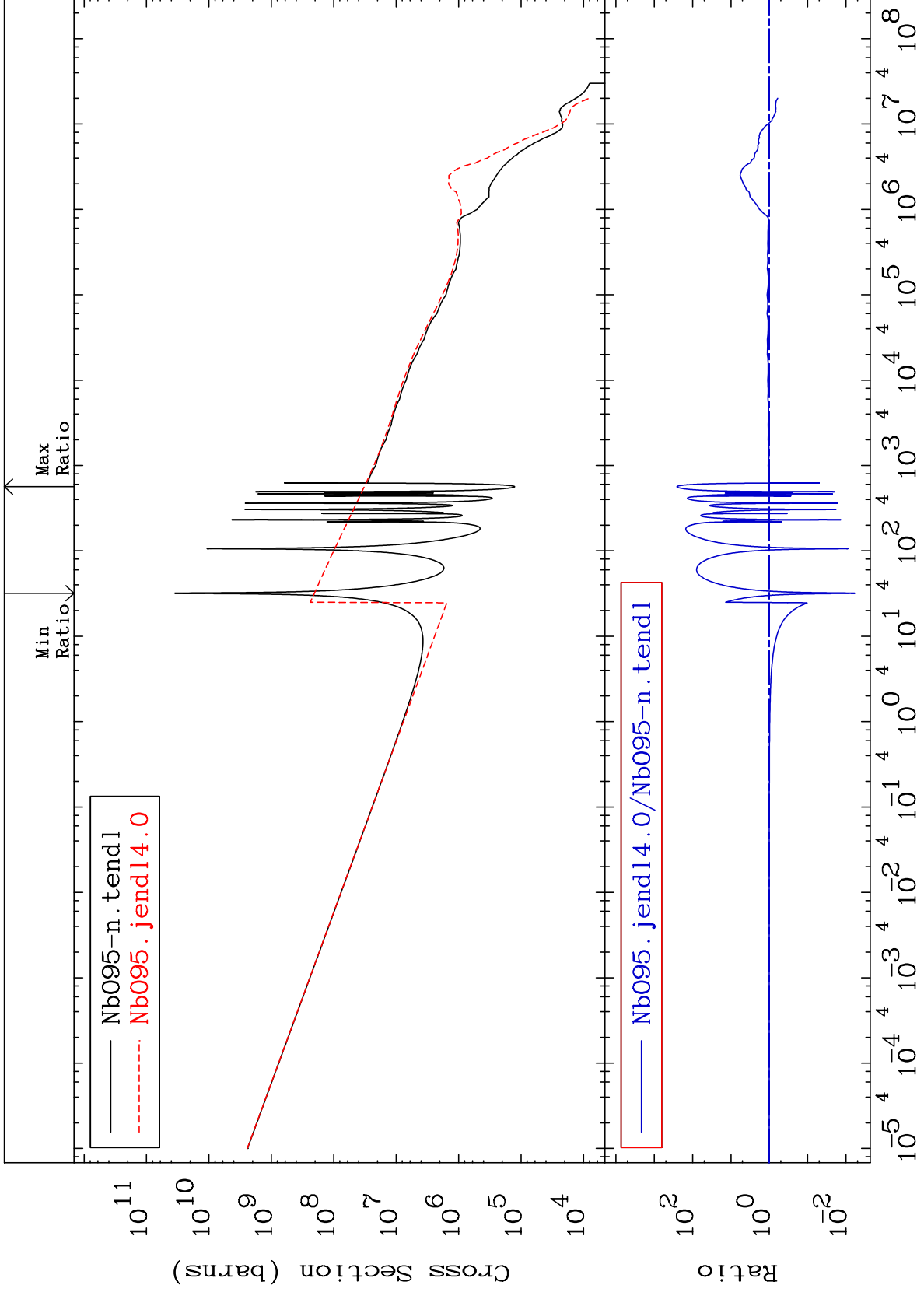
41-Nb-95
-57.20 To 68.76 %

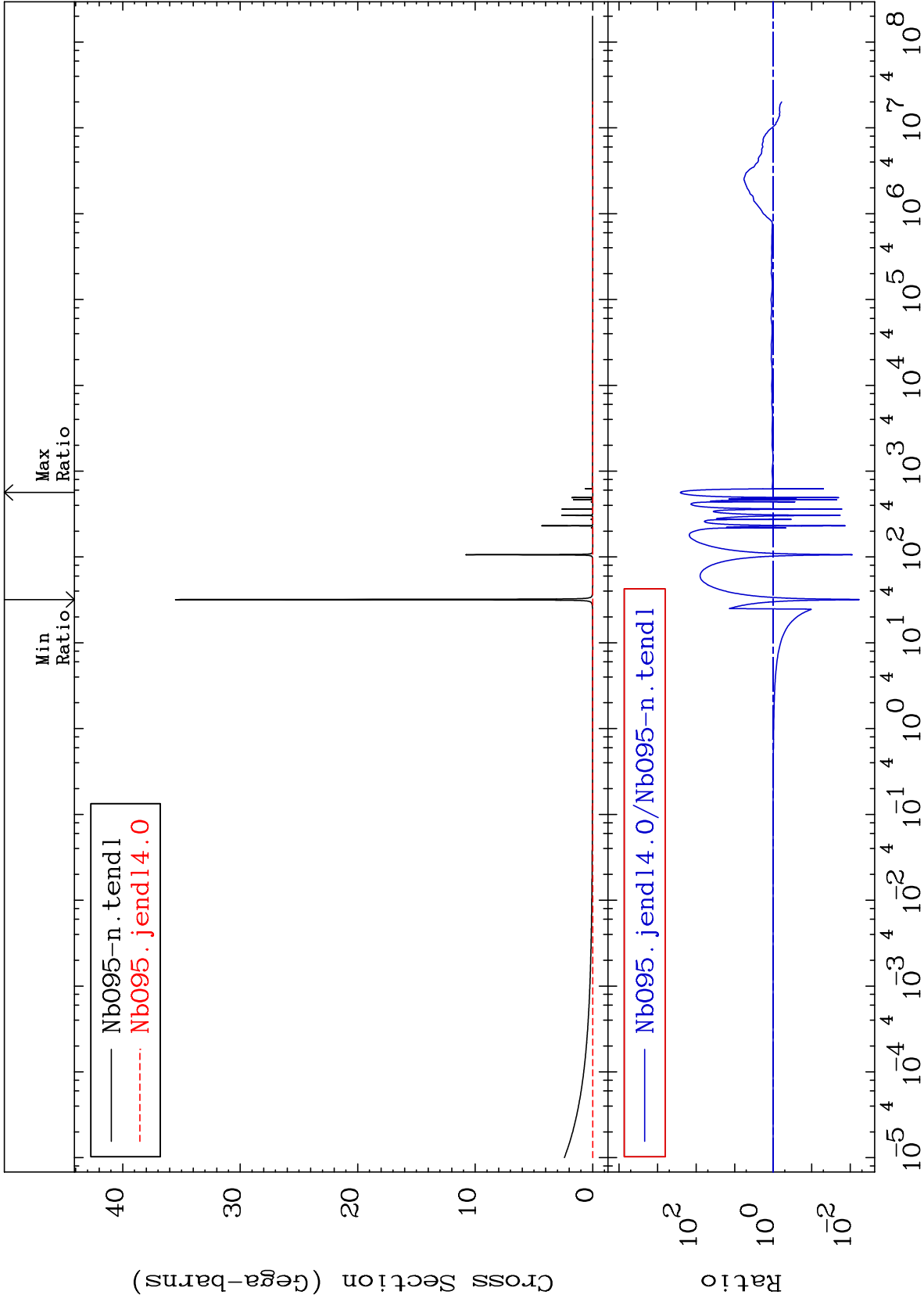


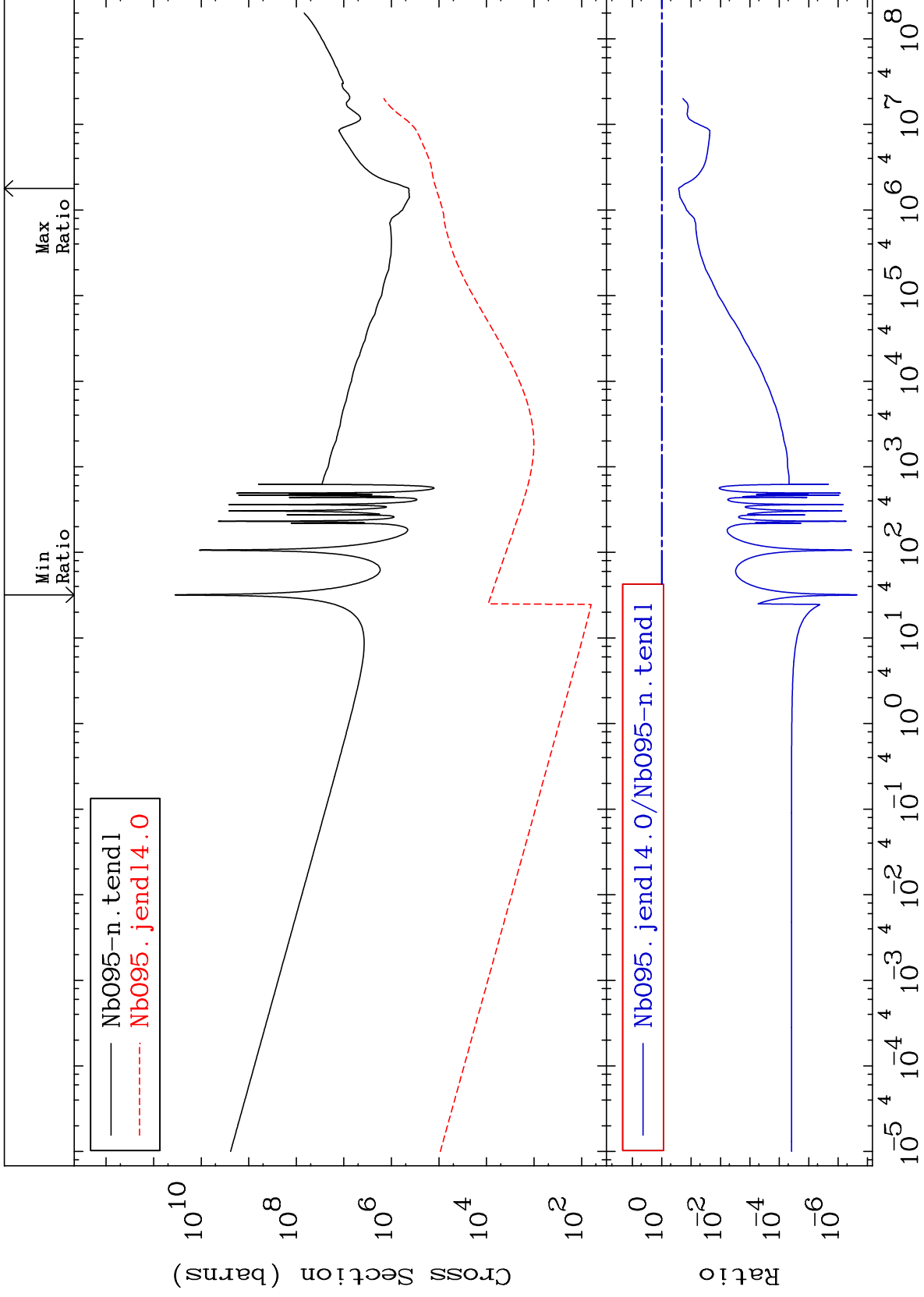
MAT 4131

Kerma capture (mt102)
Cross Section

41-Nb-95
-99.42 To 9999. %



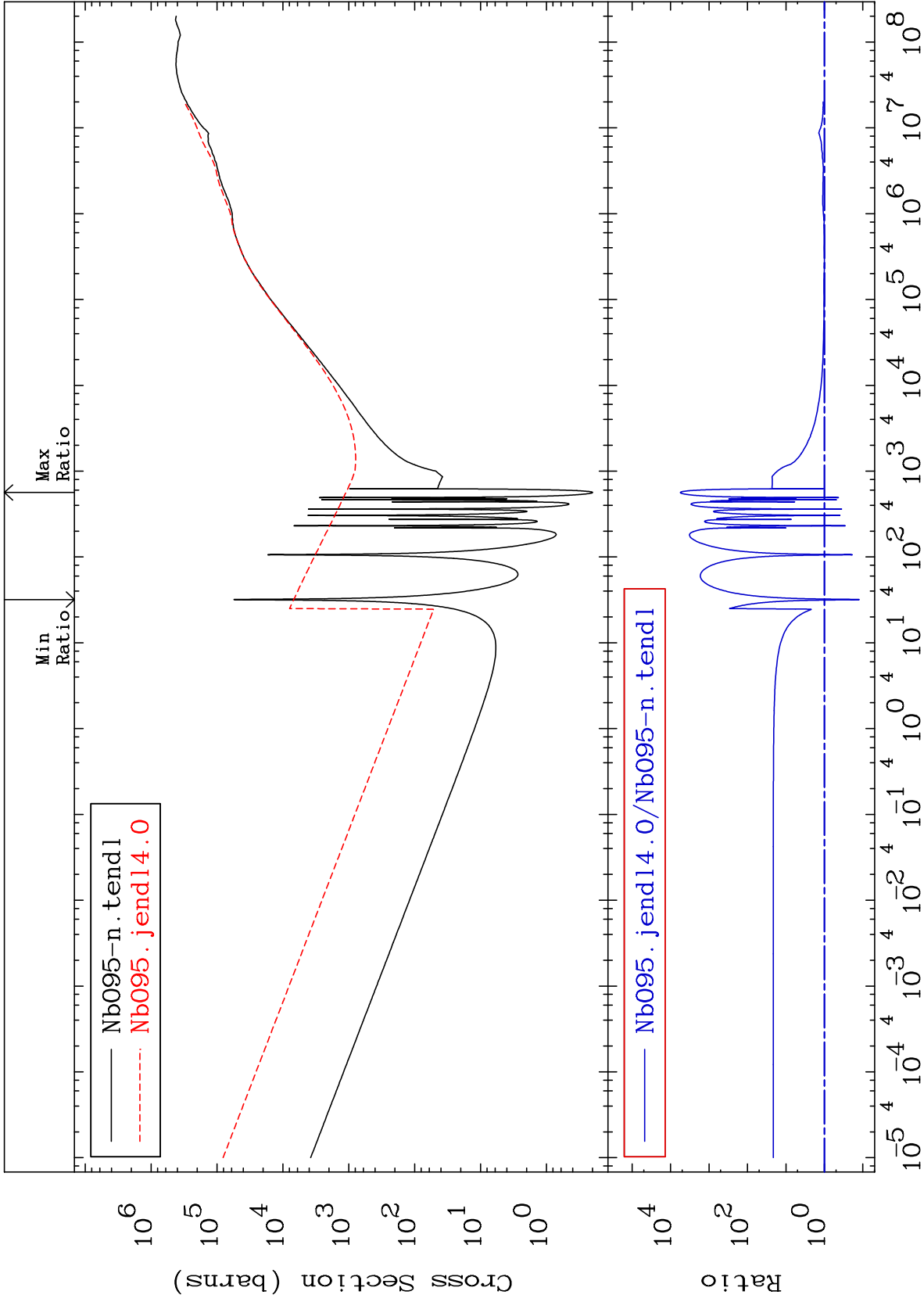




MAT 4131

Dpa total (eV-barns)
Cross Section

41-Nb-95
-87.73 To 9999. %



45

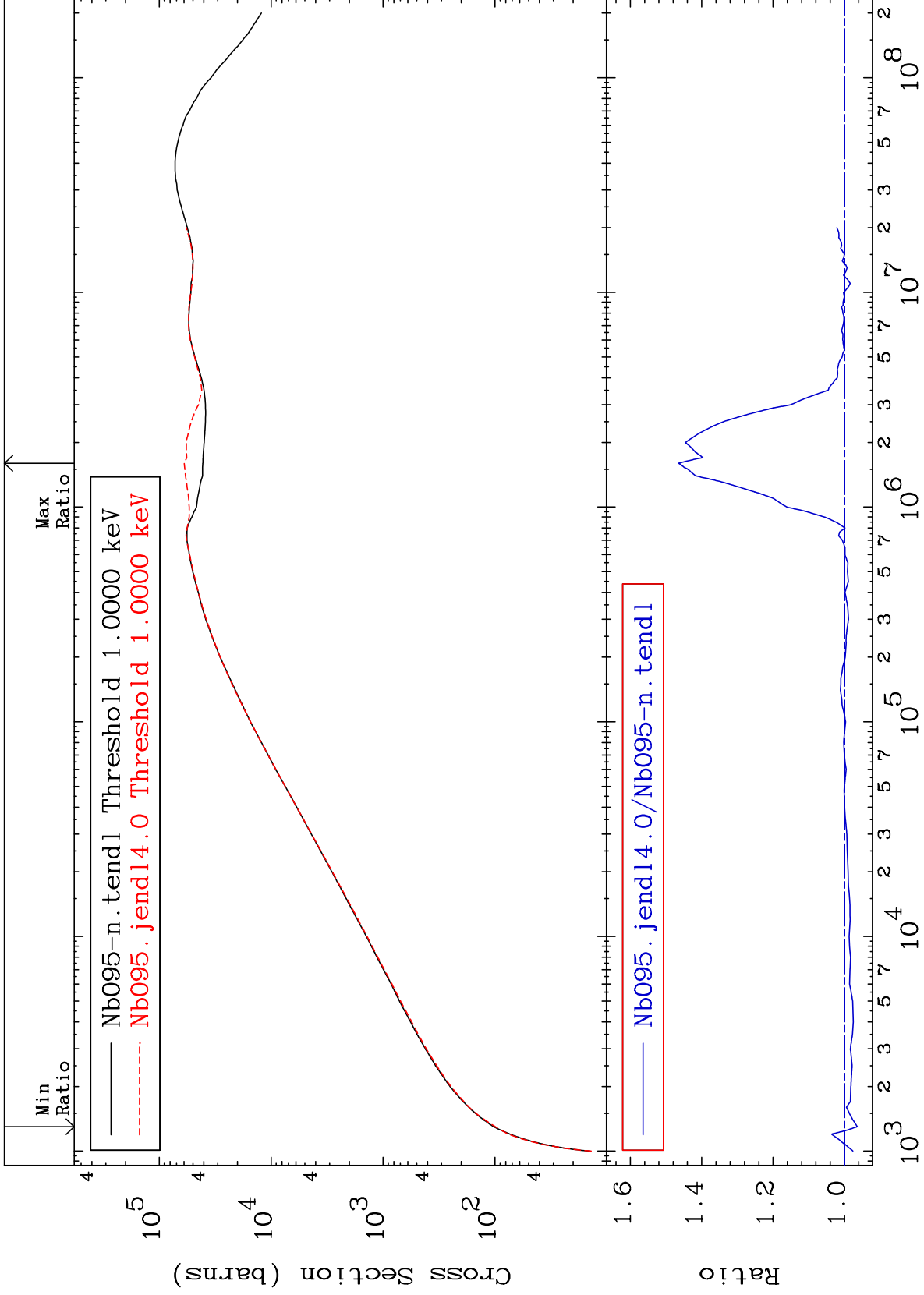
Incident Energy (eV)

41-Nb-95

MAT 4131

Dpa elastic (mt2)
Cross Section

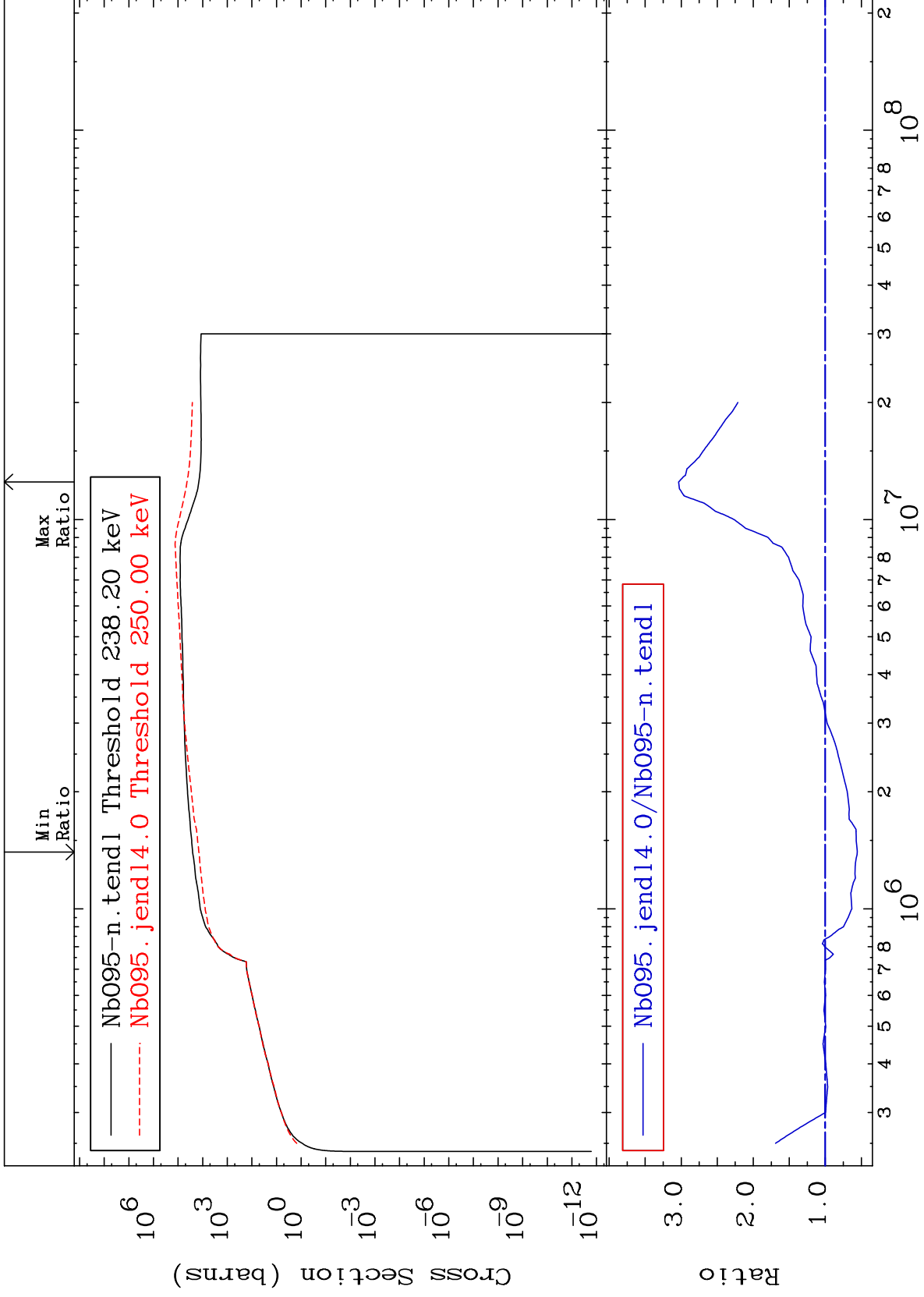
41-Nb-95
-3.574 To 46.46 %



46

Incident Energy (eV)

41-Nb-95

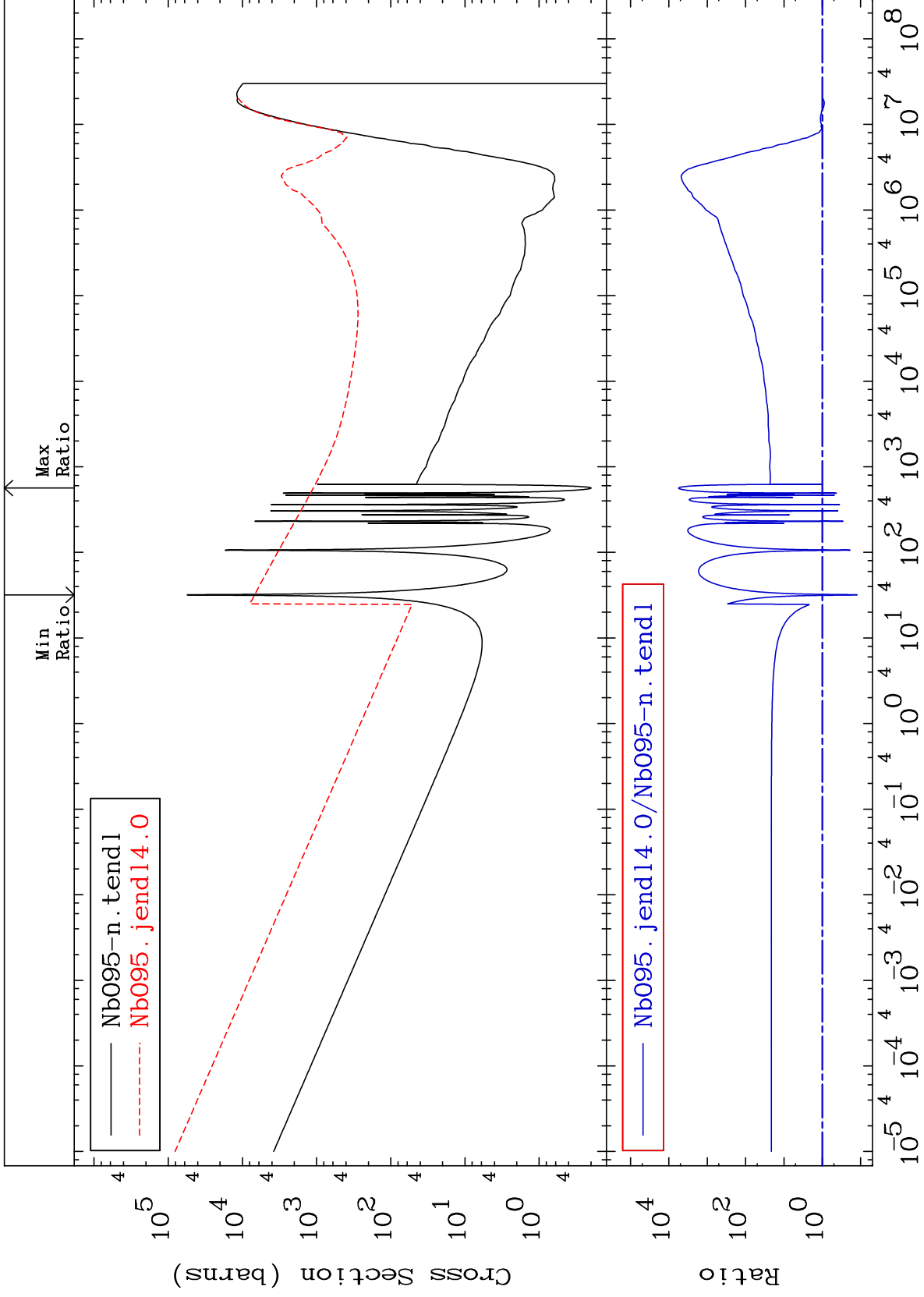


MAT 4131

Dpa disappearance (mt102 -120)

41-Nb-95

-87.73 To 9999. %



48

Incident Energy (eV)

41-Nb-95