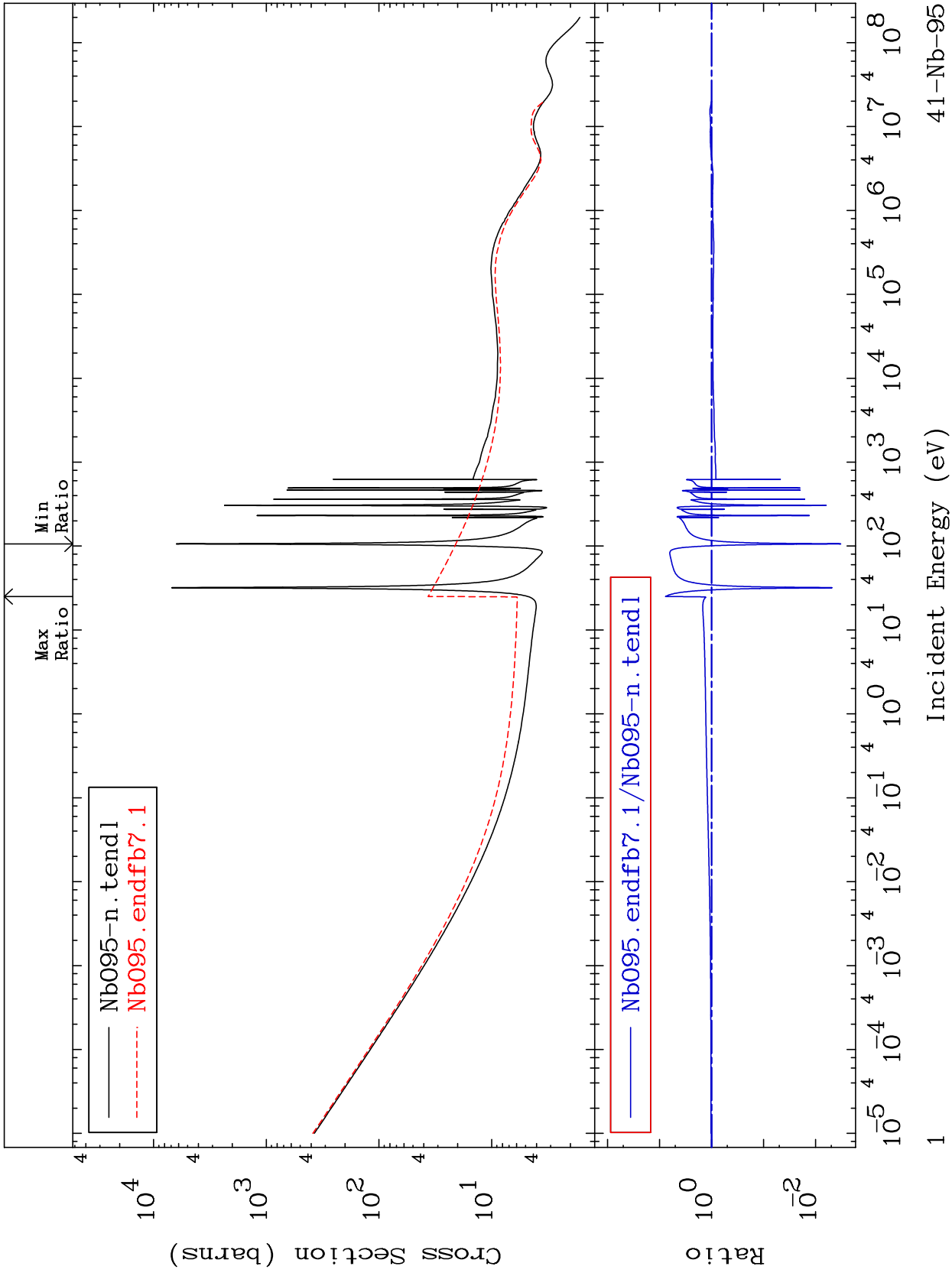


MAT 4131

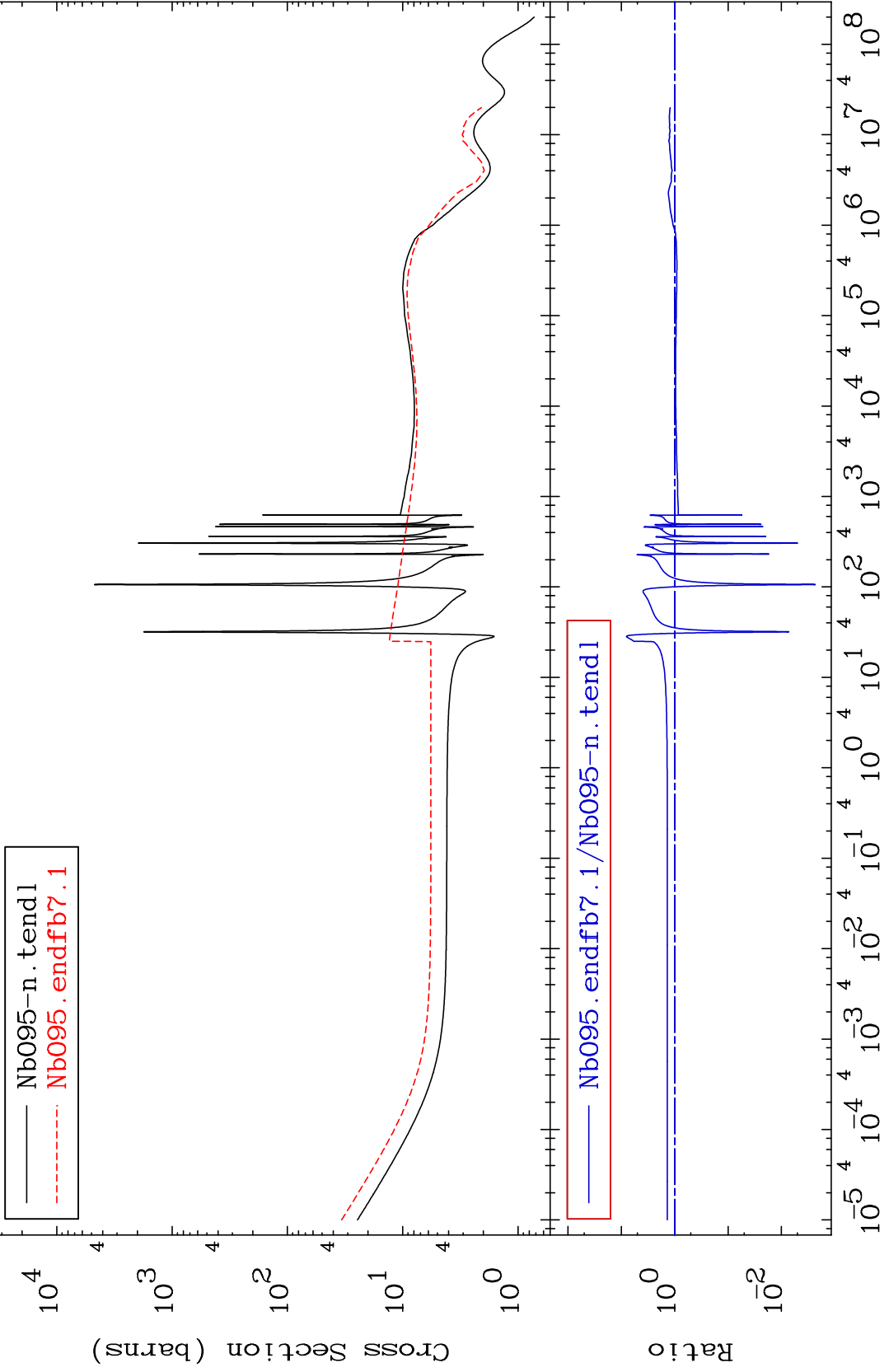
Total Cross Section
41-Nb-95
-99.67 To 670.3 %



MAT 4131

Elastic
Cross Section

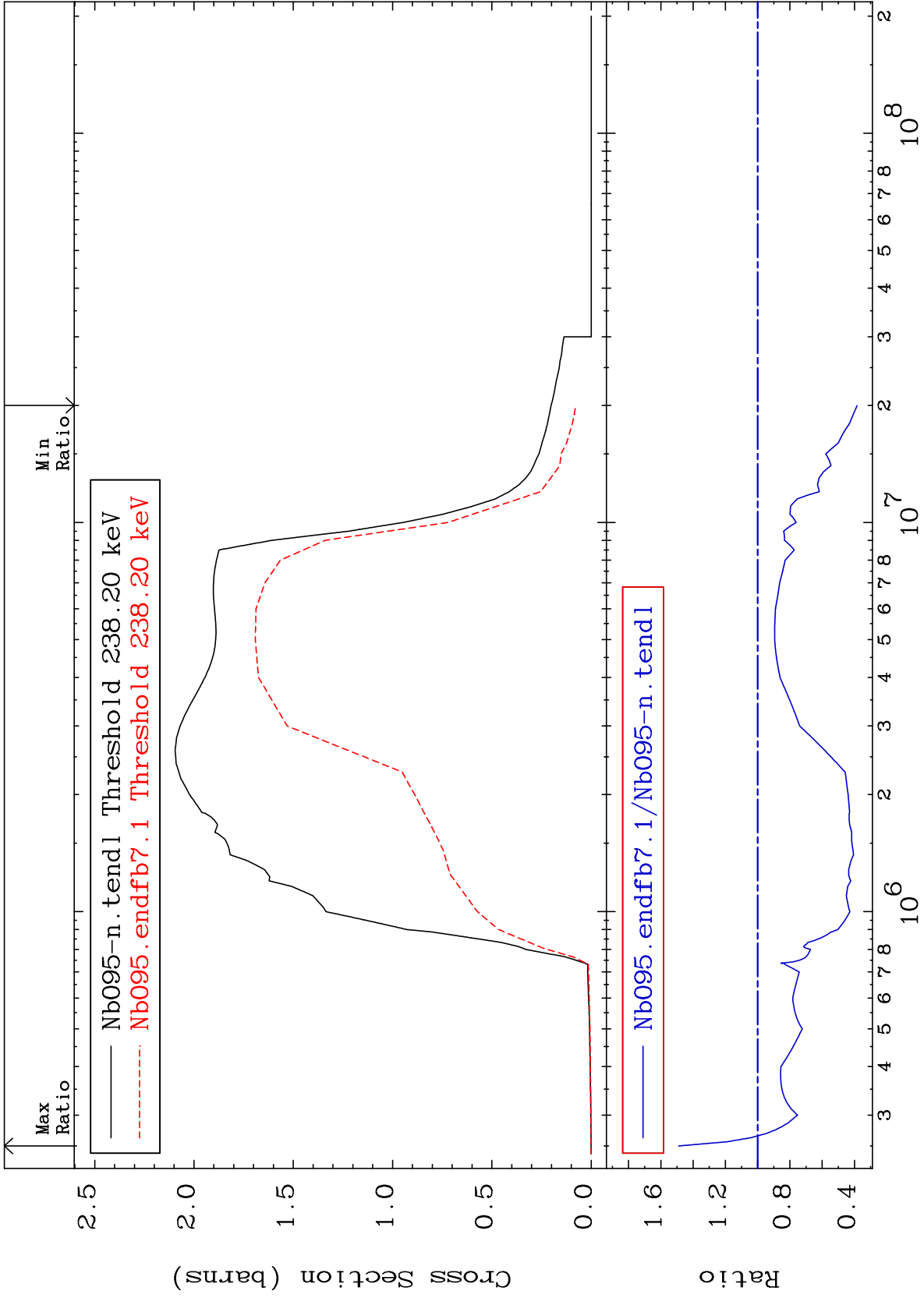
41-Nb-95
-99.77 To 703.5 %



MAT 4131

Inelastic
Cross Section

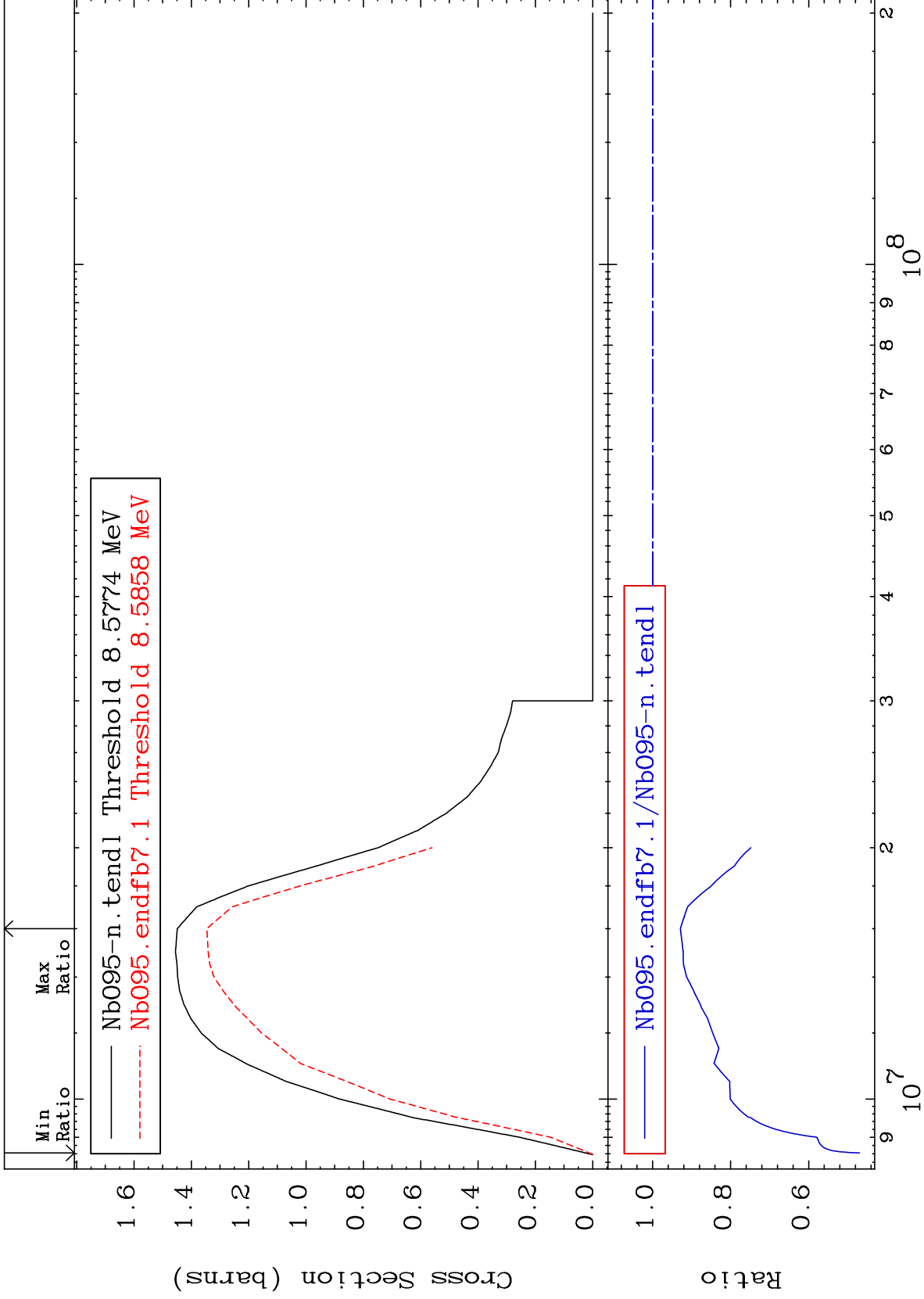
41-Nb-95
-61.73 To 48.97 %



MAT 4131

(n,2n)
Cross Section

41-Nb-95
-53.01 To -7.118%



4

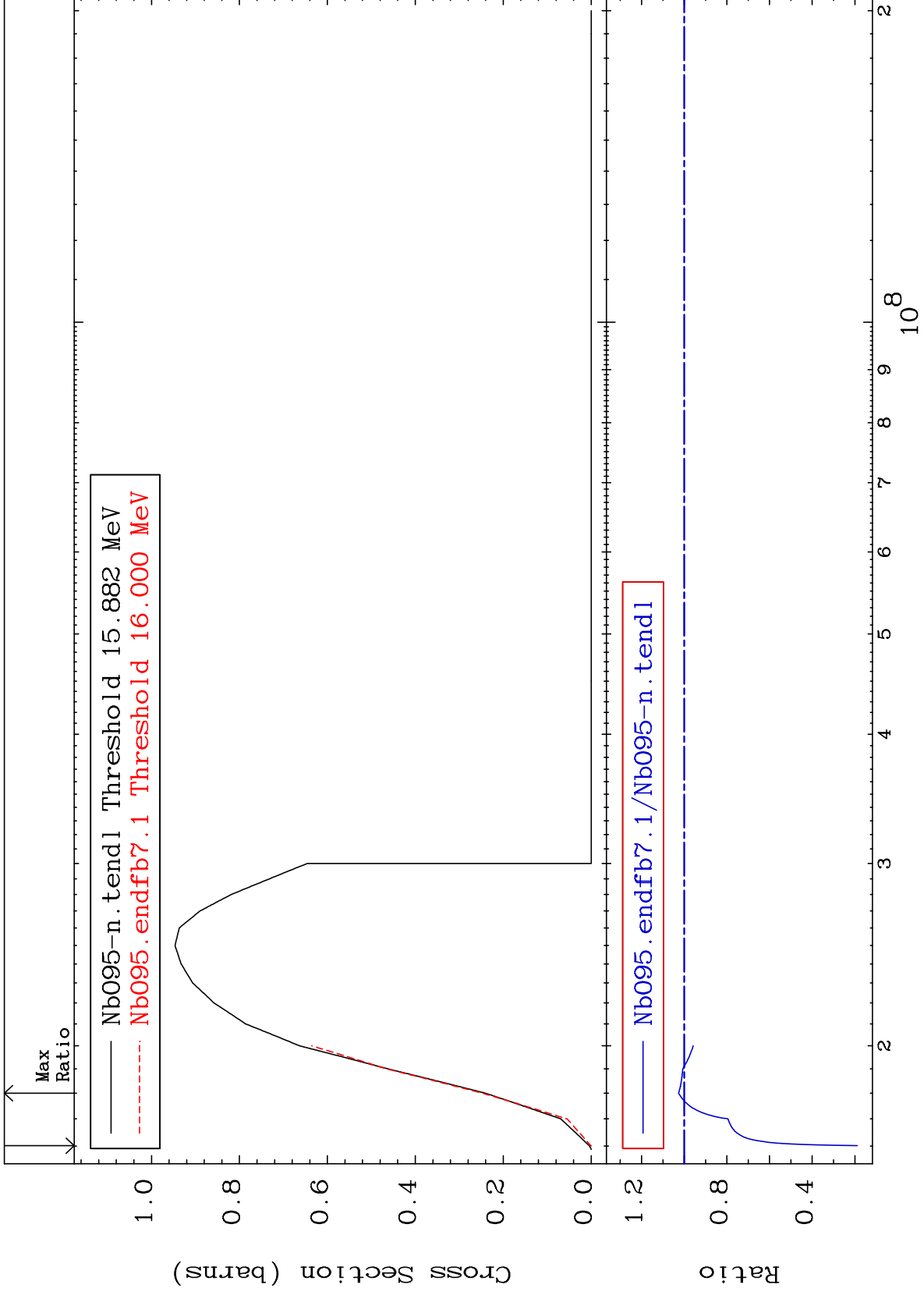
Incident Energy (eV)

41-Nb-95

MAT 4131

(n,3n)
Cross Section

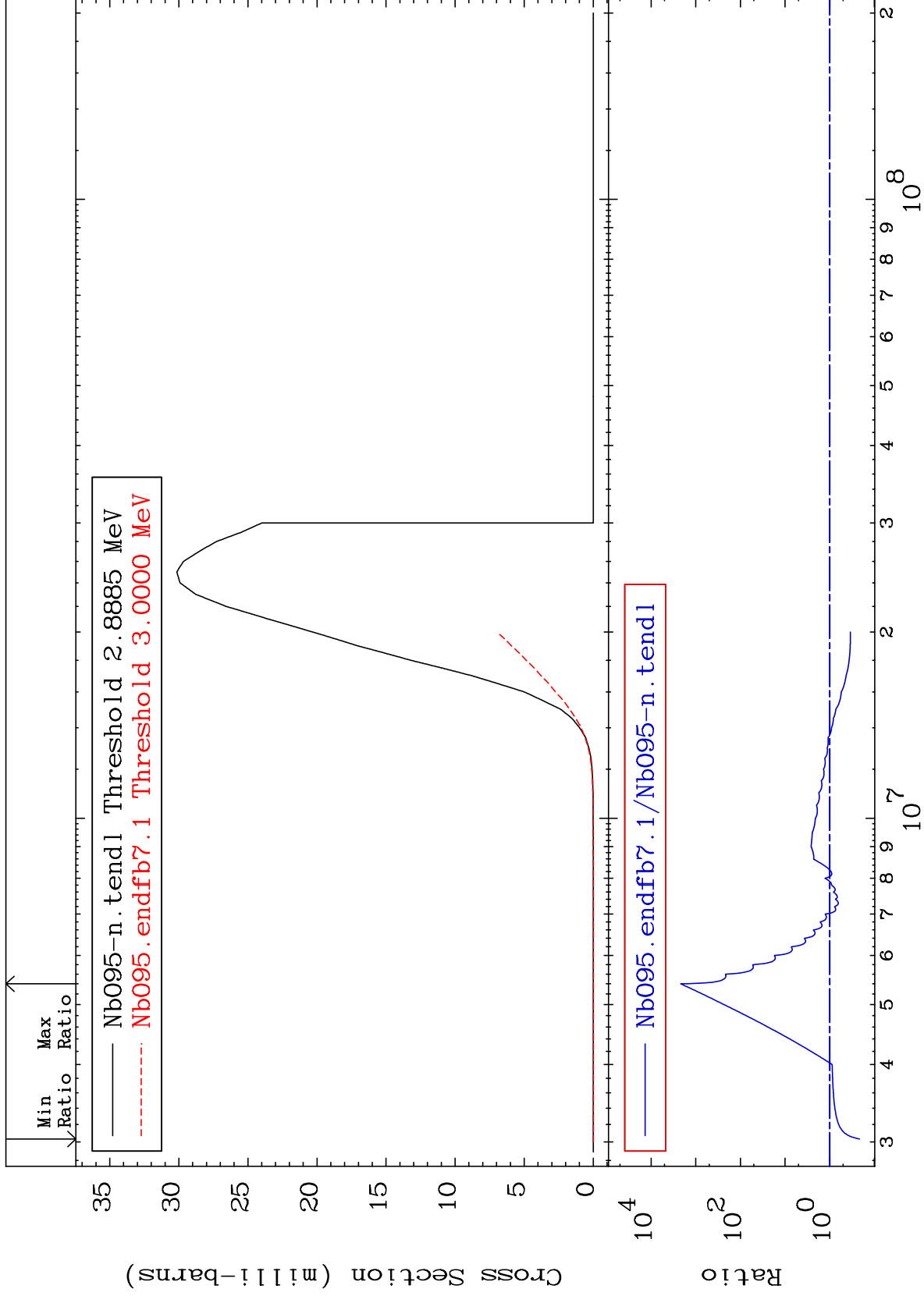
41-Nb-95
-81.12 To 2.627 %



MAT 4131

(n, n') α
Cross Section

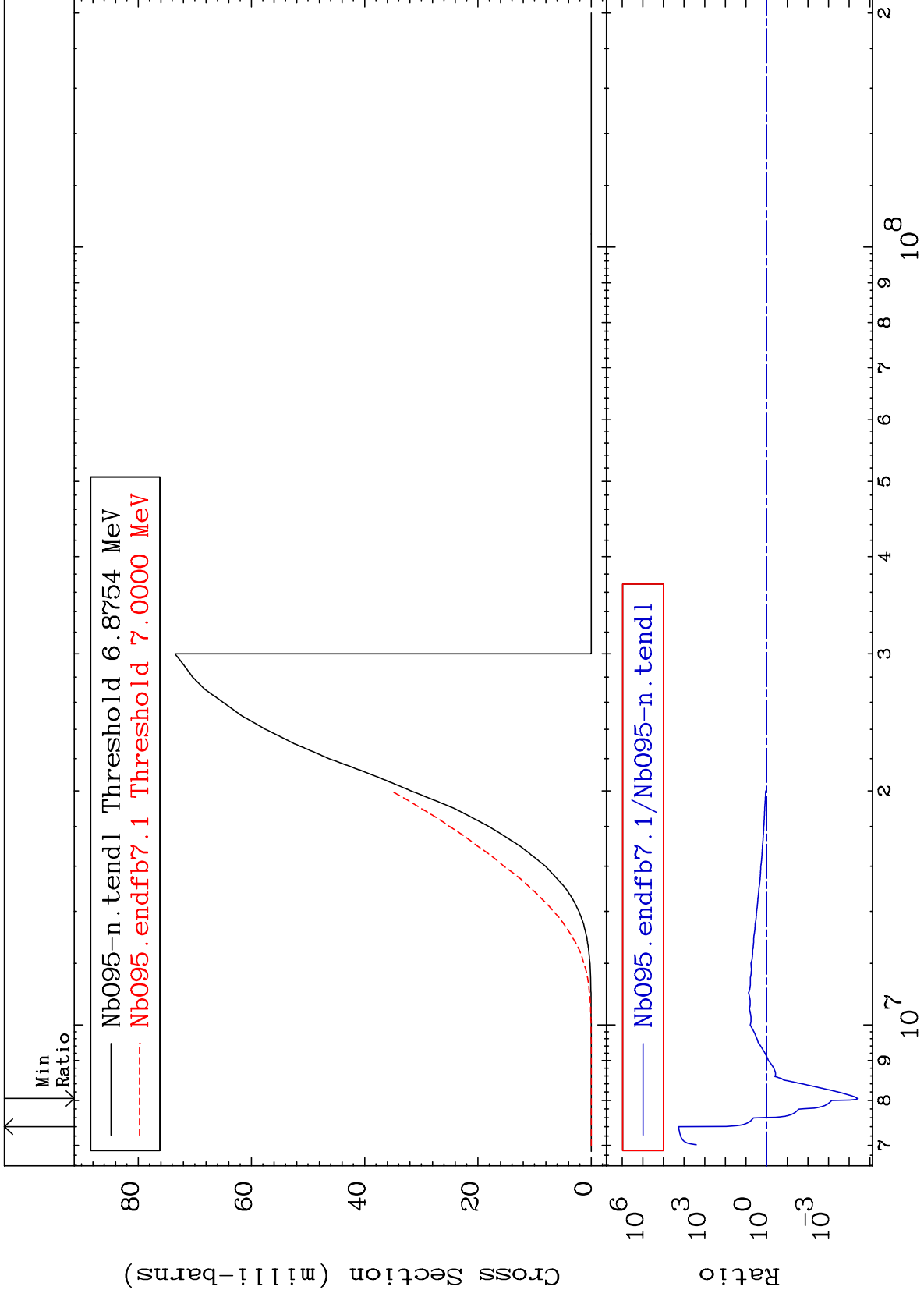
41-Nb-95
-78.51 To 9999. %



MAT 4131

(n,n') p
Cross Section

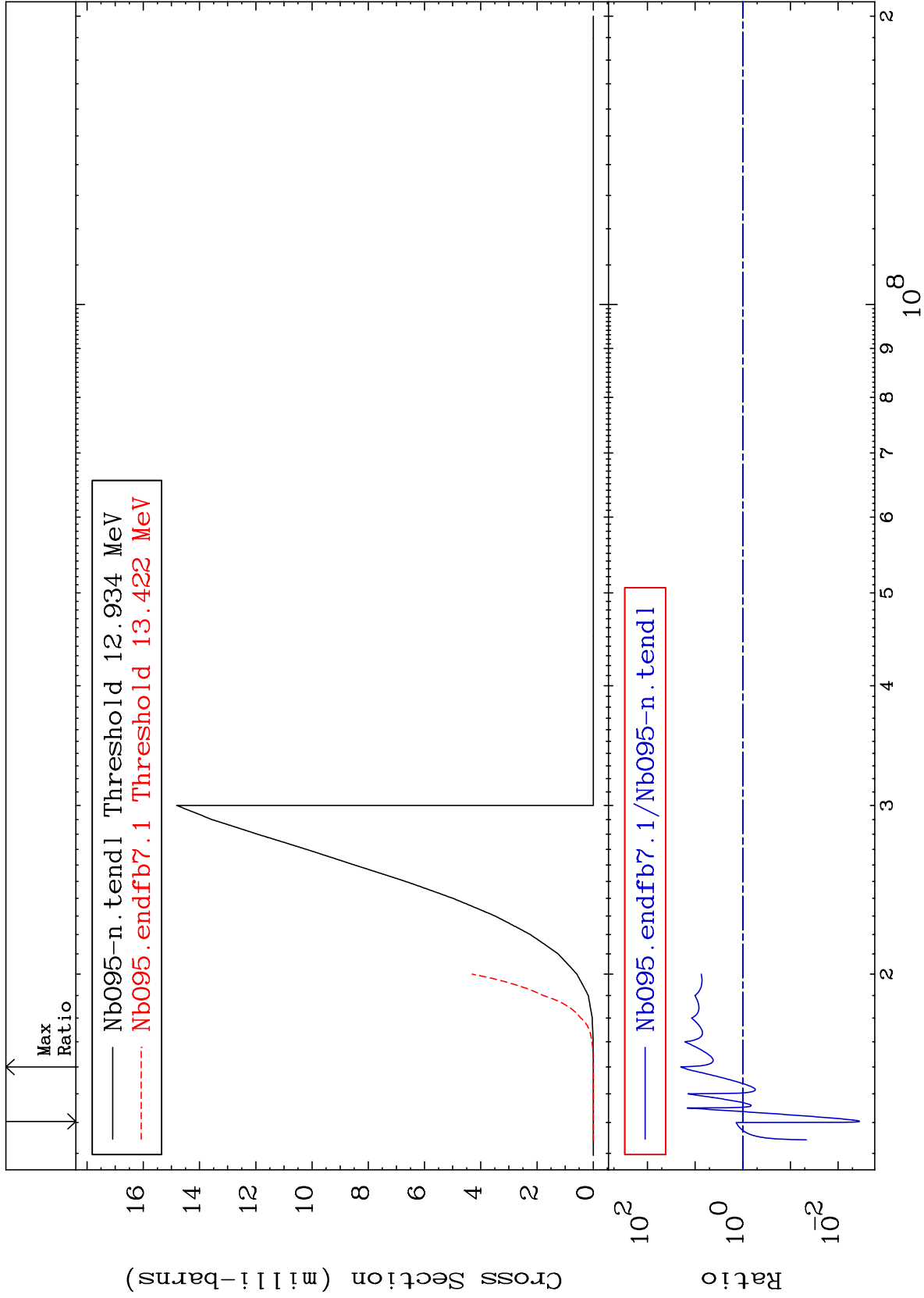
41-Nb-95
-100.0 To 9999. %



7

Incident Energy (eV)

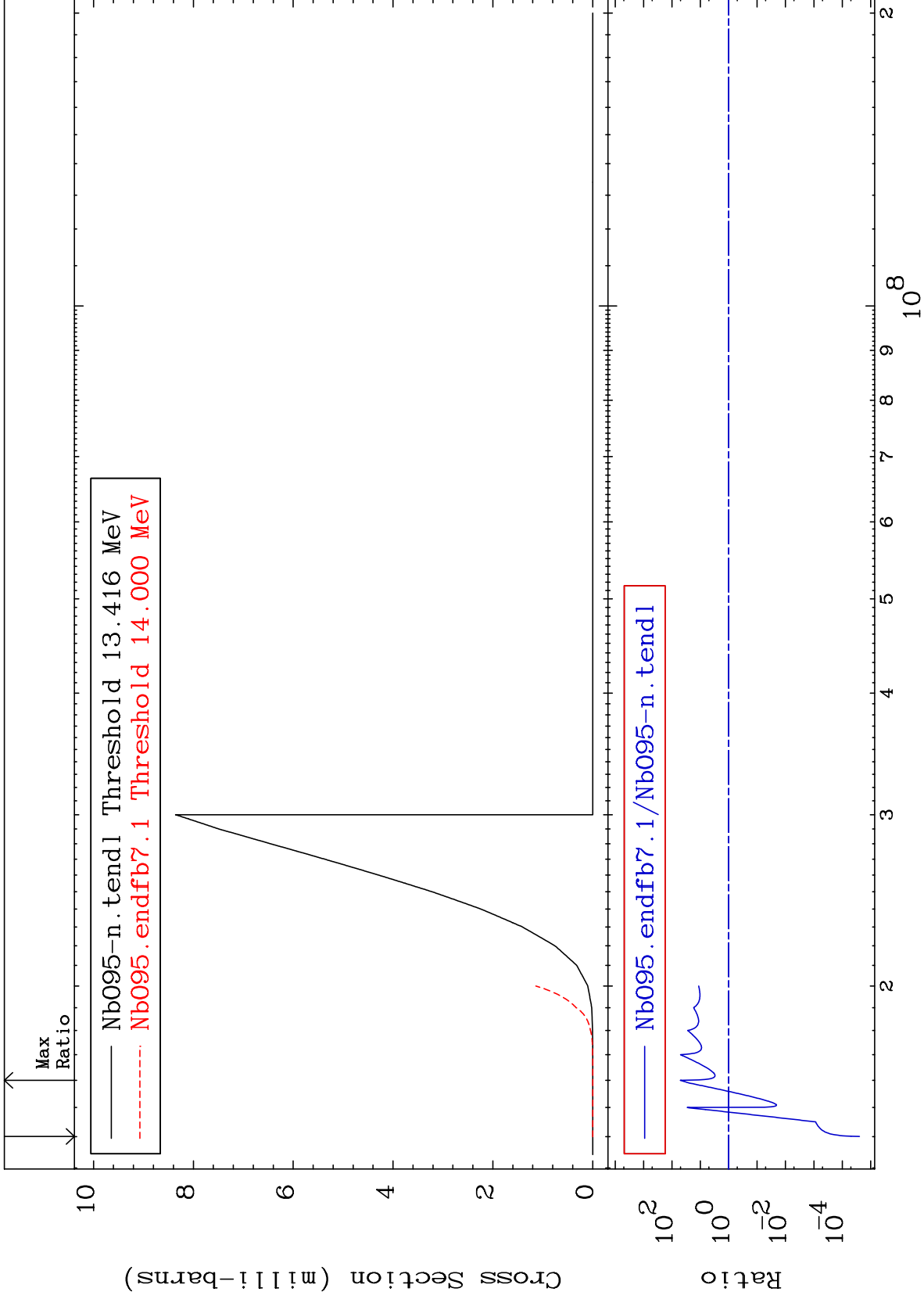
41-Nb-95



MAT 4131

(n,n') t
Cross Section

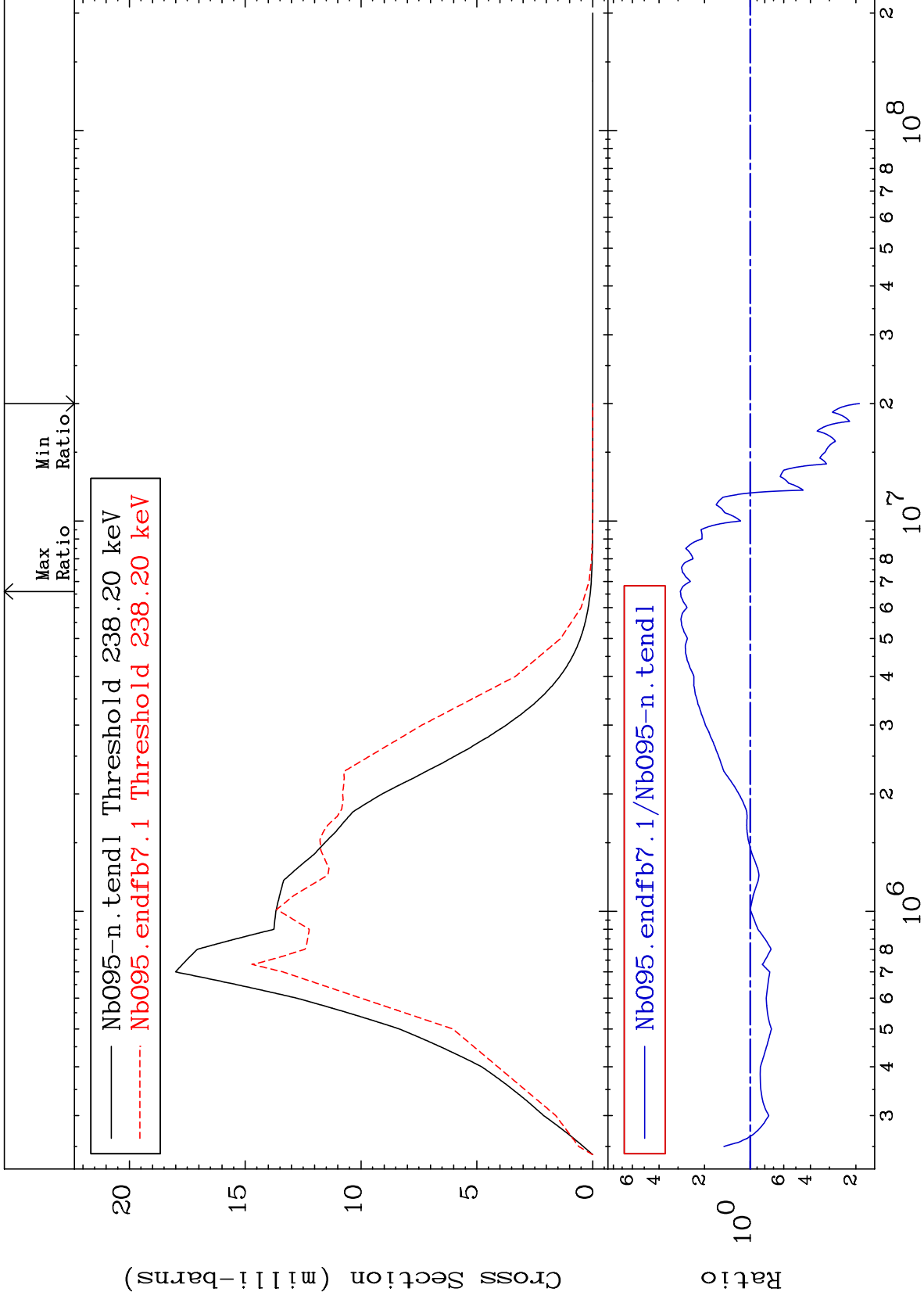
41-Nb-95
-100.0 To 4960. %



MAT 4131

235.7 keV (n,n') Level
Cross Section

41-Nb-95
-81.02 To 189.1 %



10

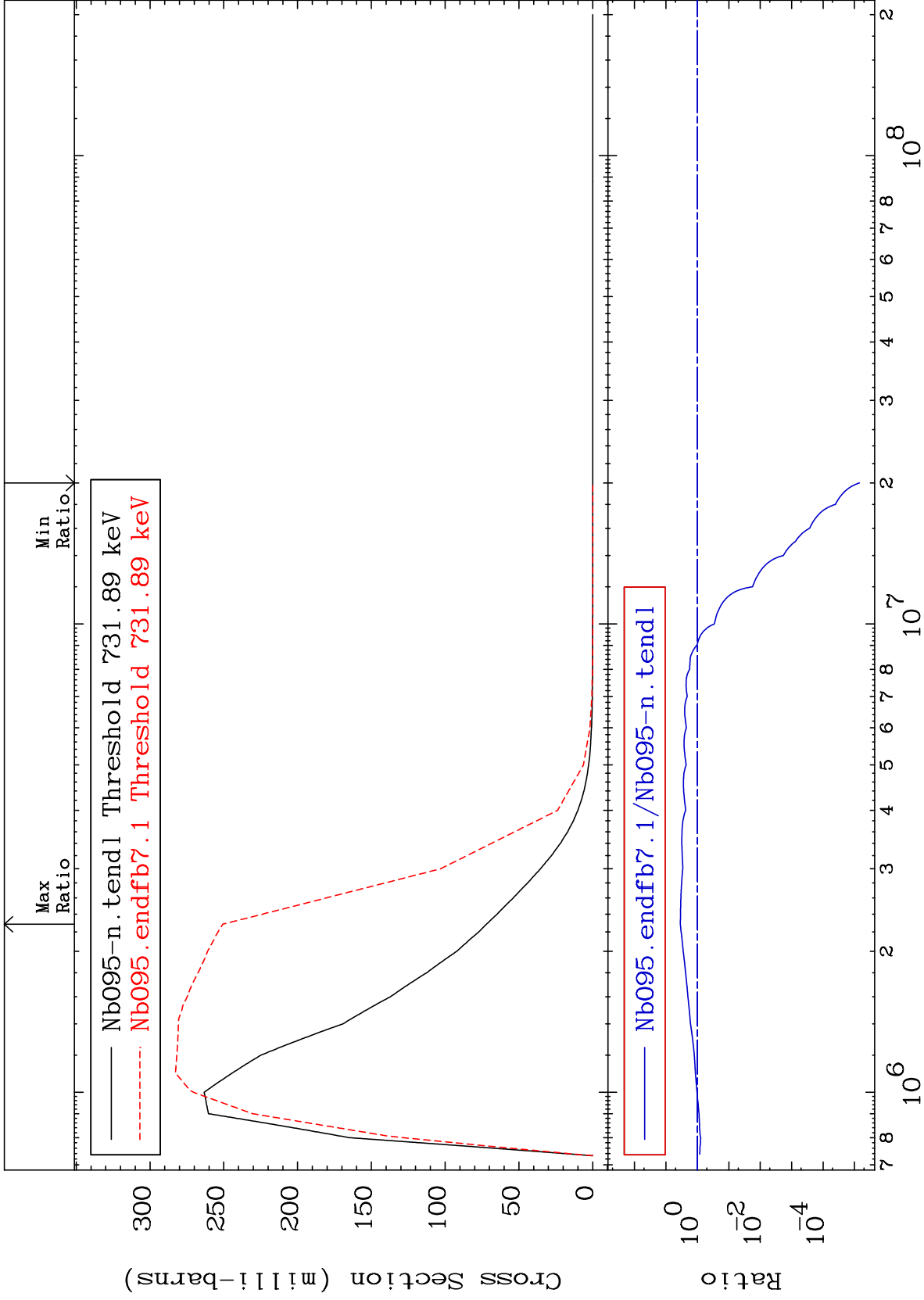
Incident Energy (eV)

41-Nb-95

MAT 4131

724.2 keV (n,n') Level
Cross Section

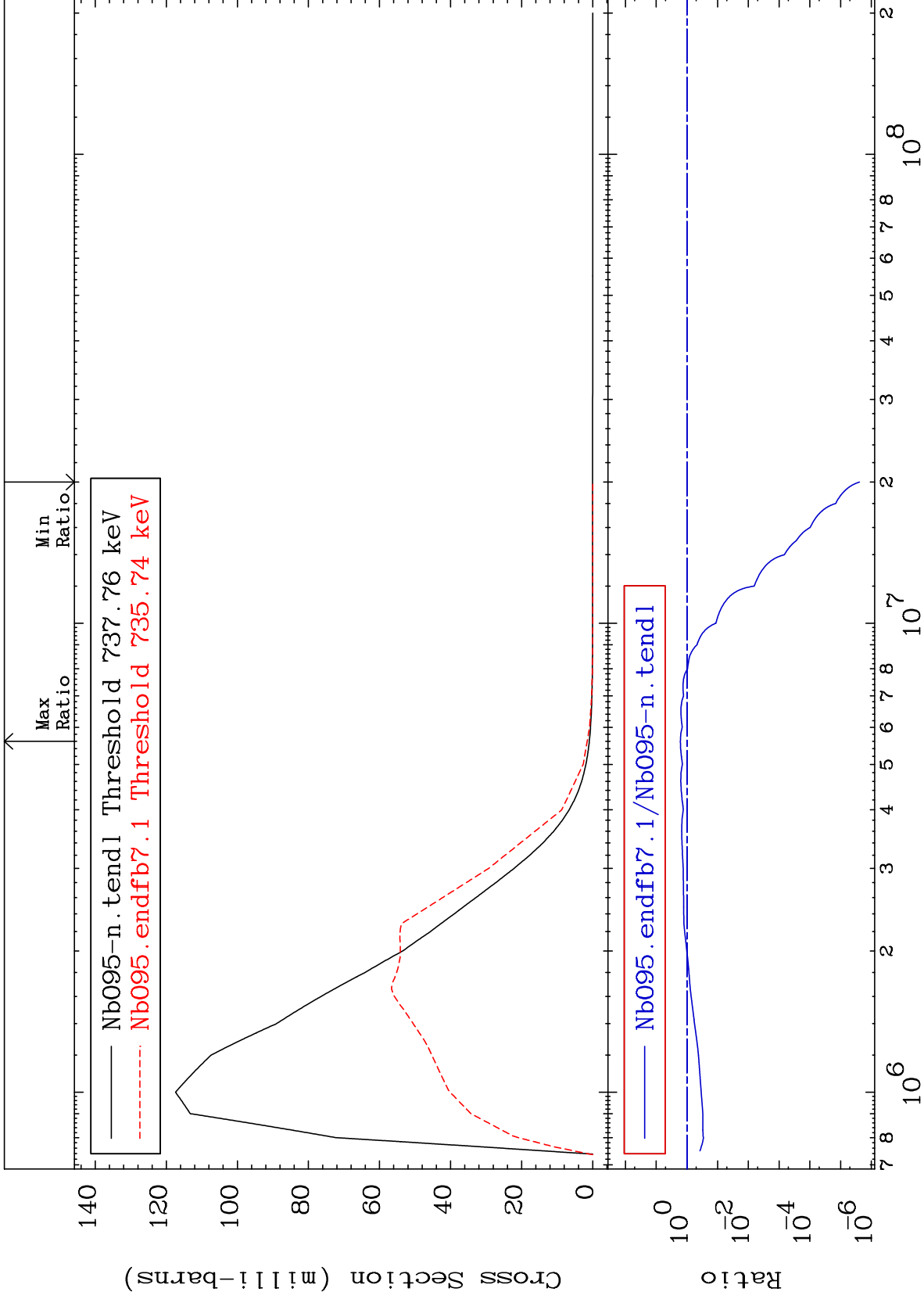
41-Nb-95
-100.0 To 248.2 %



MAT 4131

730.0 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To 63.43 %



12

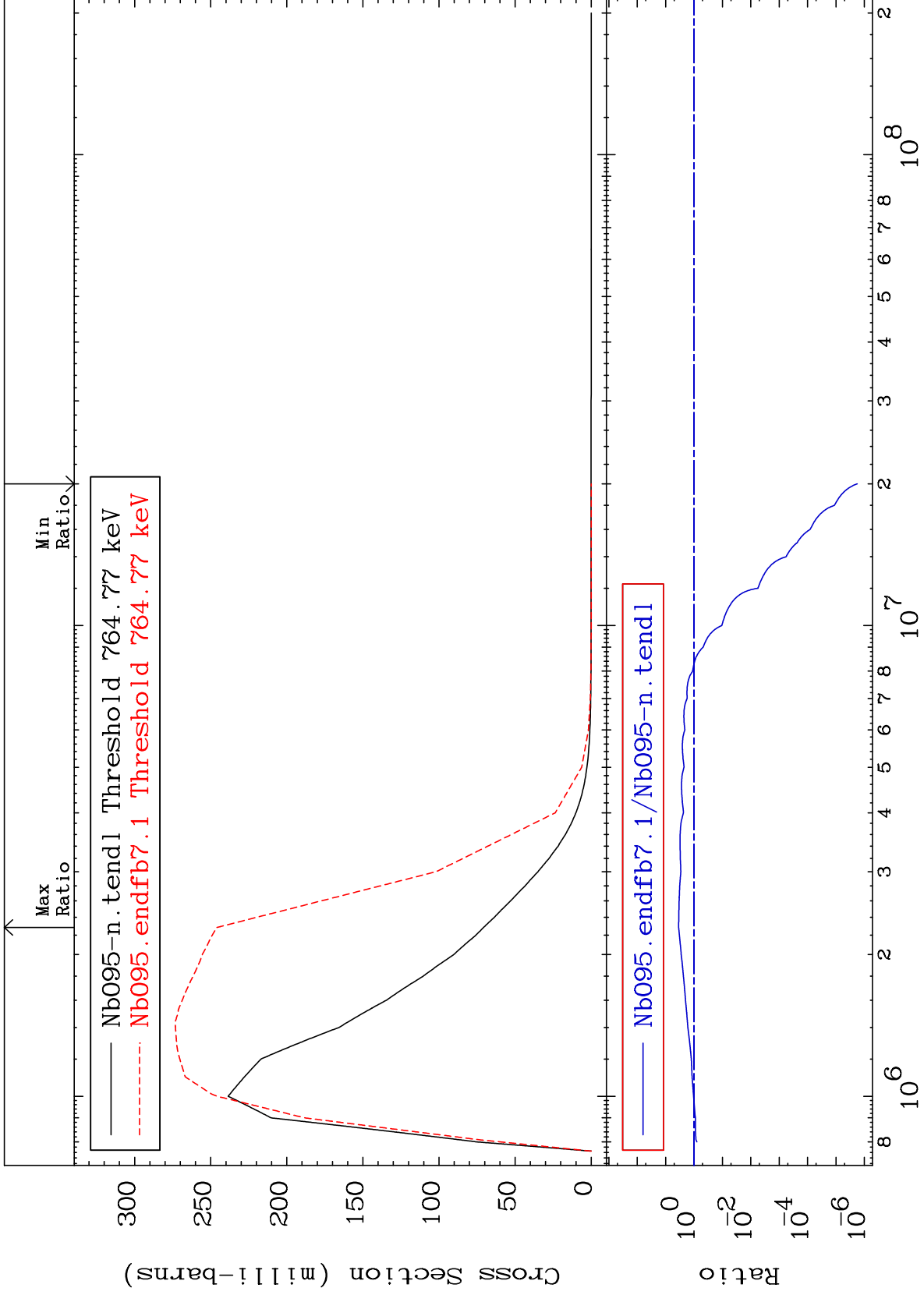
Incident Energy (eV)

41-Nb-95

MAT 4131

756.7 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To 248.0 %



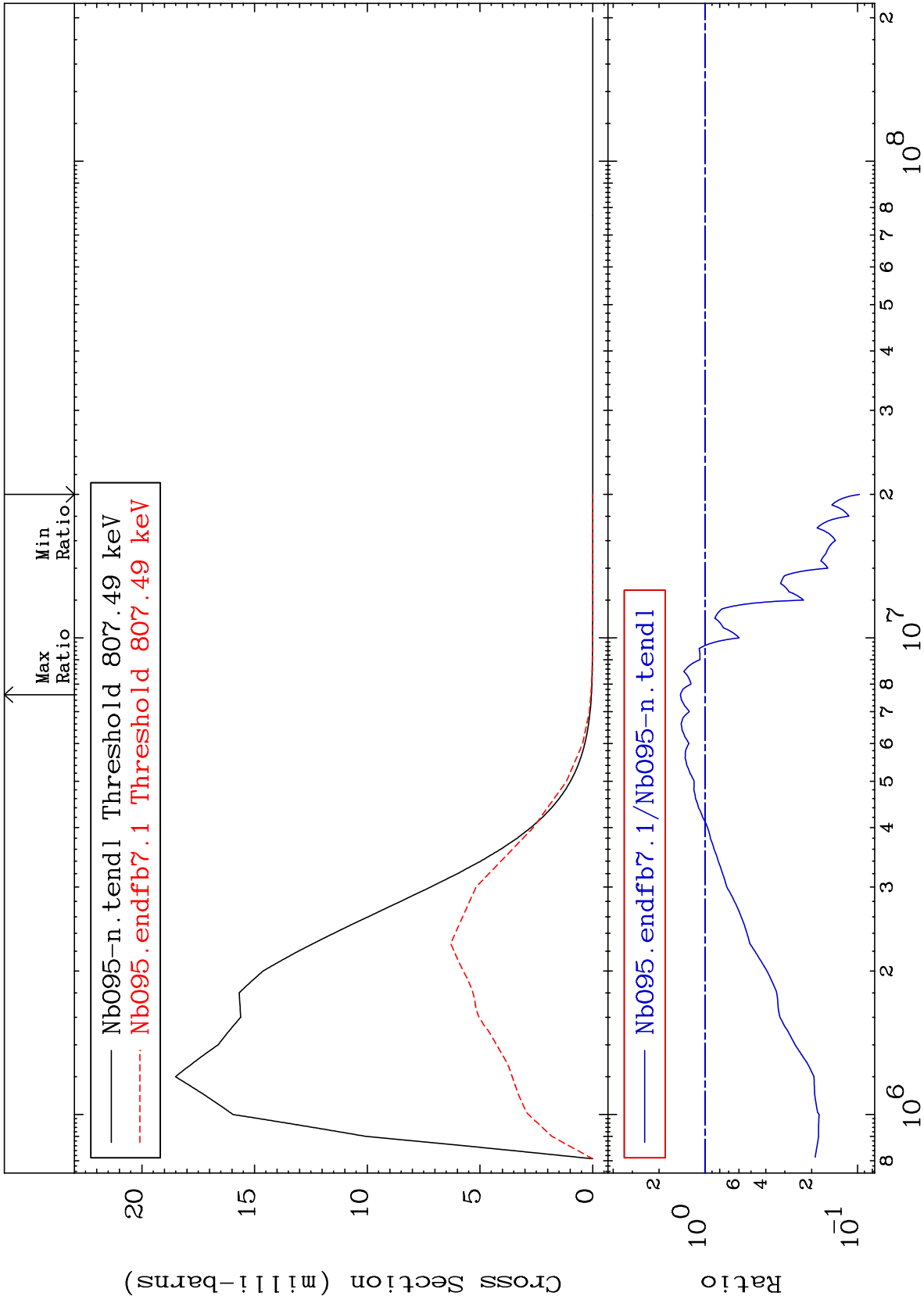
MAT 4131

799.0 keV (n,n') Level

41-Nb-95

-90.28 To 45.13 %

Cross Section



14

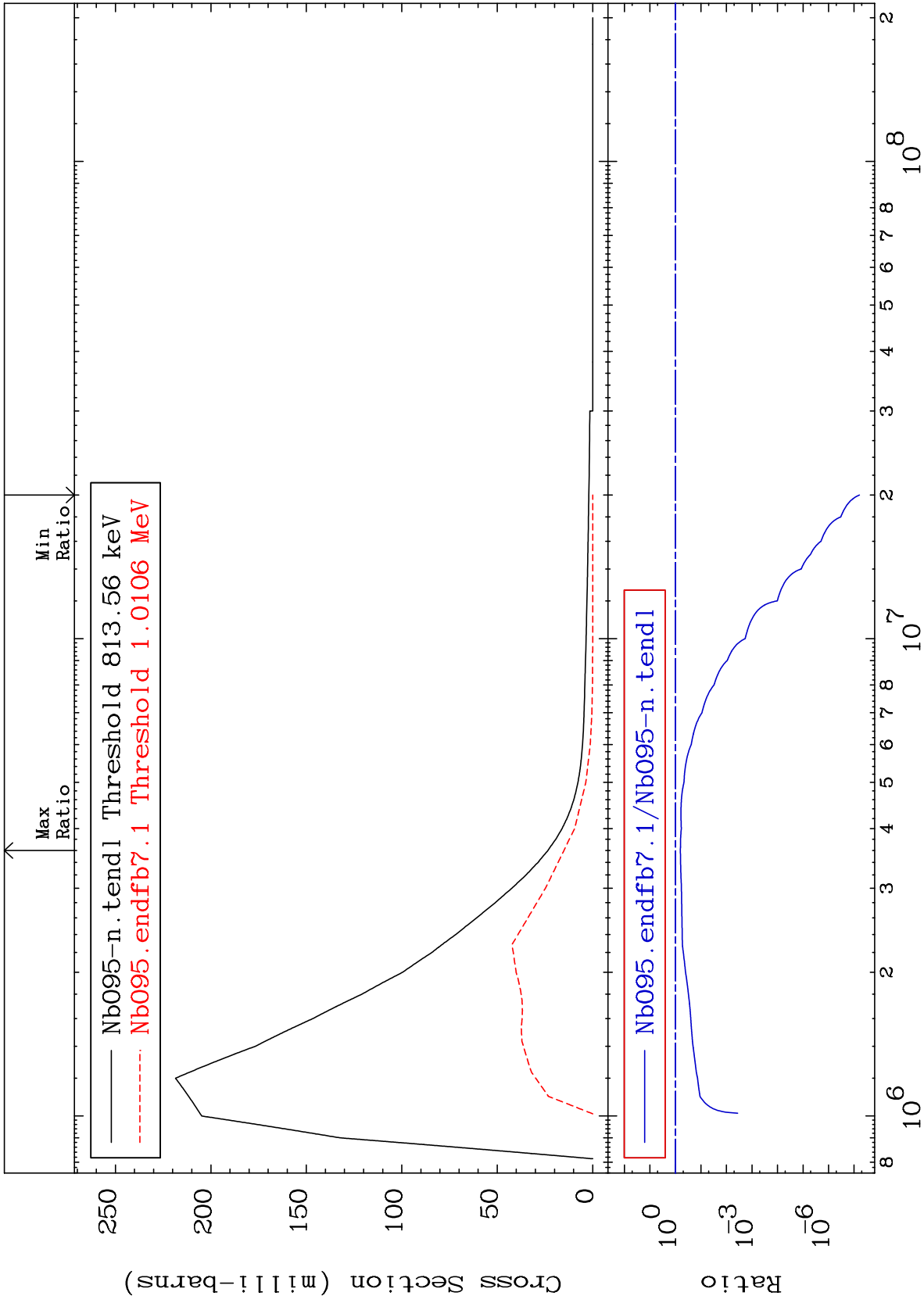
Incident Energy (eV)

41-Nb-95

MAT 4131

805.0 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To -35.75%



15

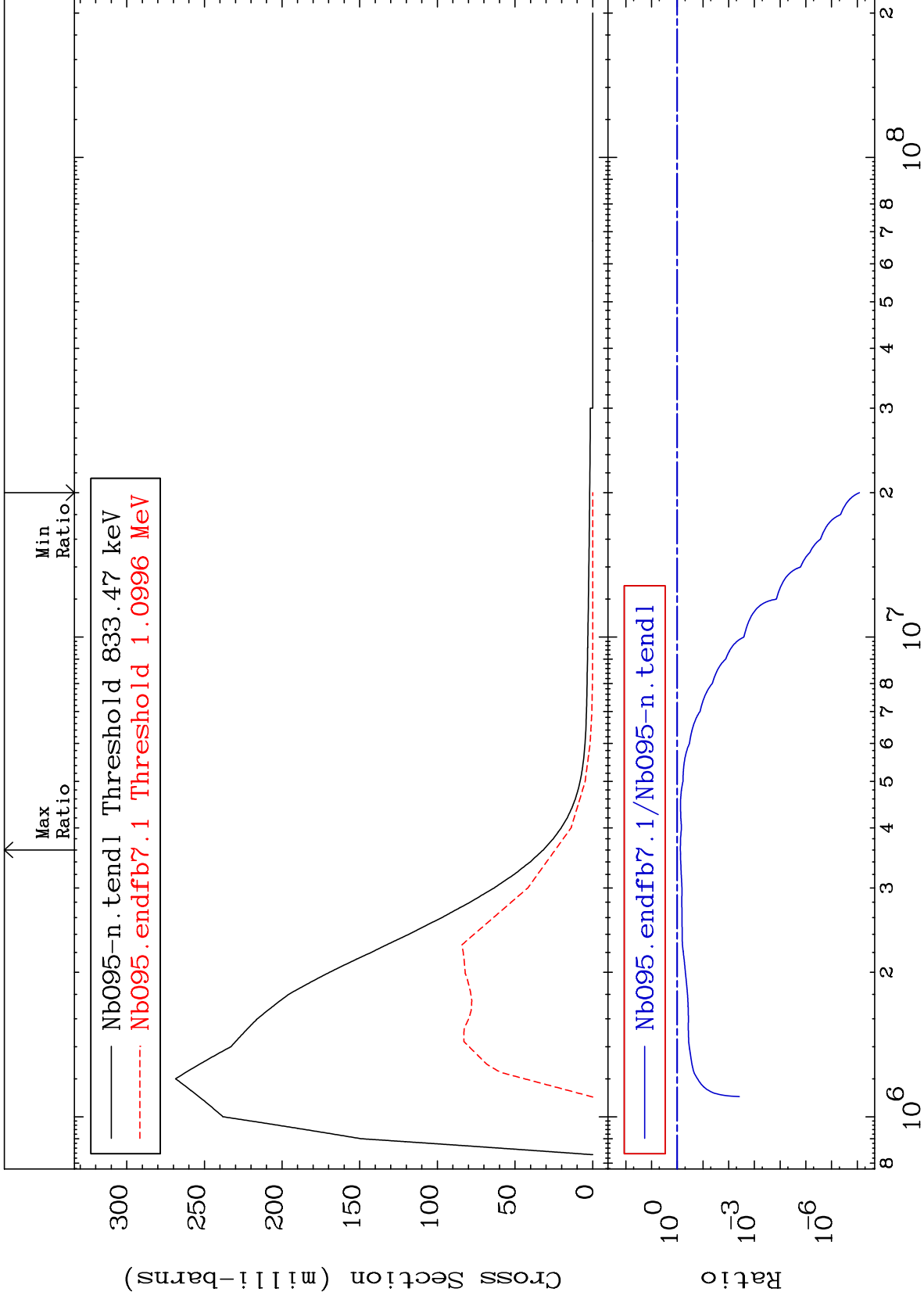
Incident Energy (eV)

41-Nb-95

MAT 4131

824.7 keV (n,n') Level
Cross Section

41-Nb-95
-100.0 To -24.18%



16

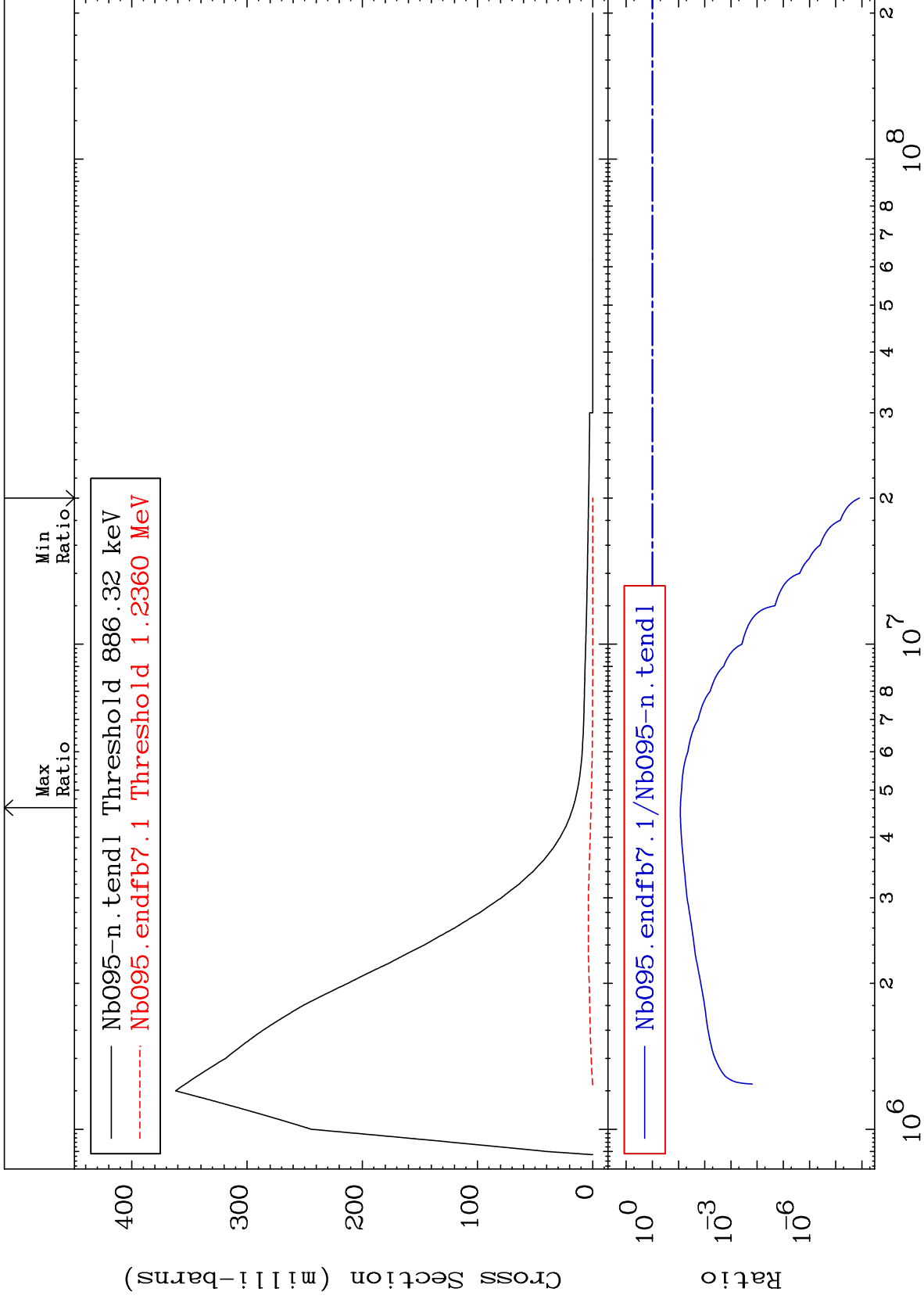
Incident Energy (eV)

41-Nb-95

MAT 4131

877.0 keV (n,n') Level
Cross Section

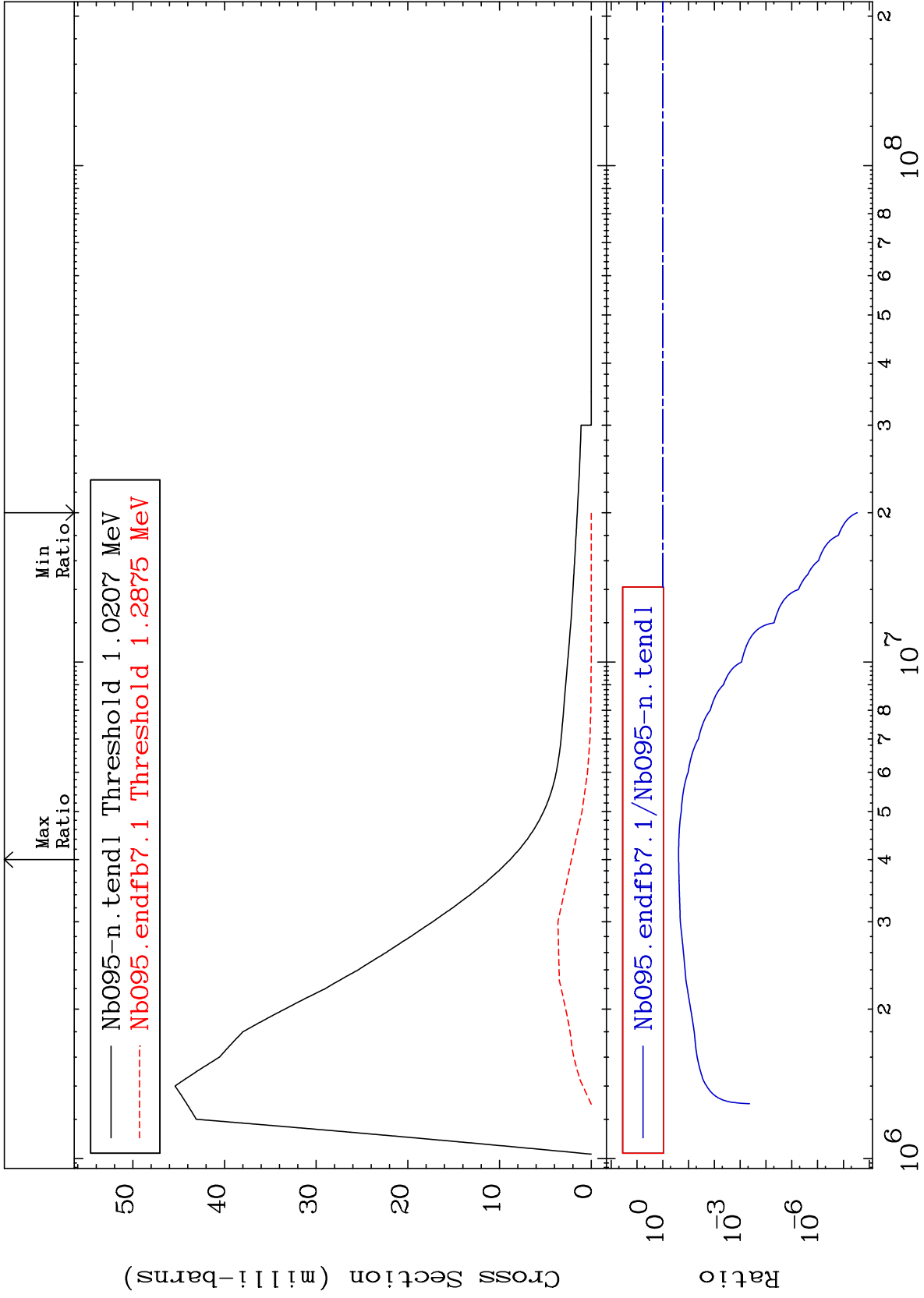
41-Nb-95
-100.0 To -91.46%



MAT 4131

1.010 MeV (n,n') Level
Cross Section

41-Nb-95
-100.0 To -75.67%



18

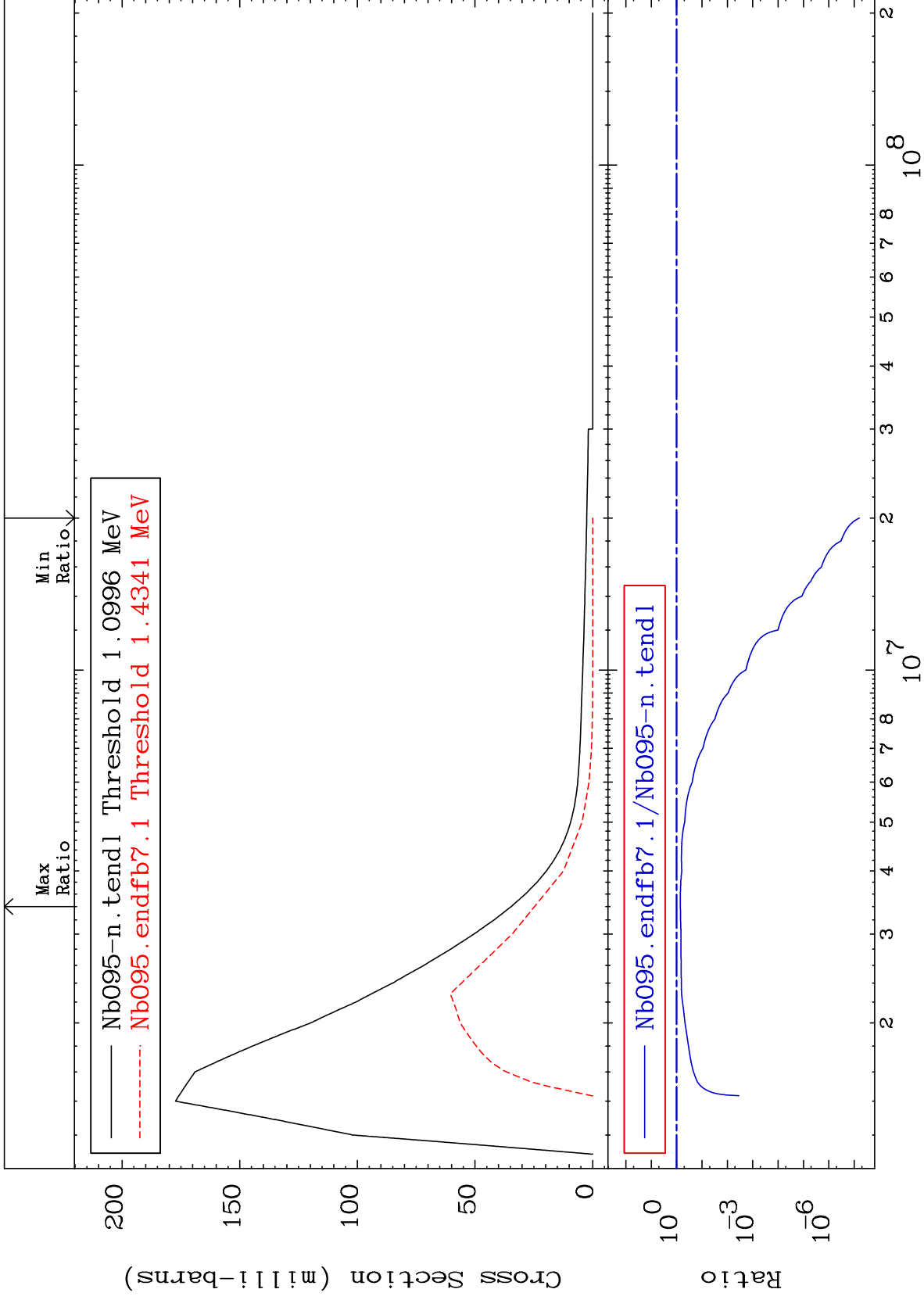
Incident Energy (eV)

41-Nb-95

MAT 4131

1.088 MeV (n,n') Level
Cross Section

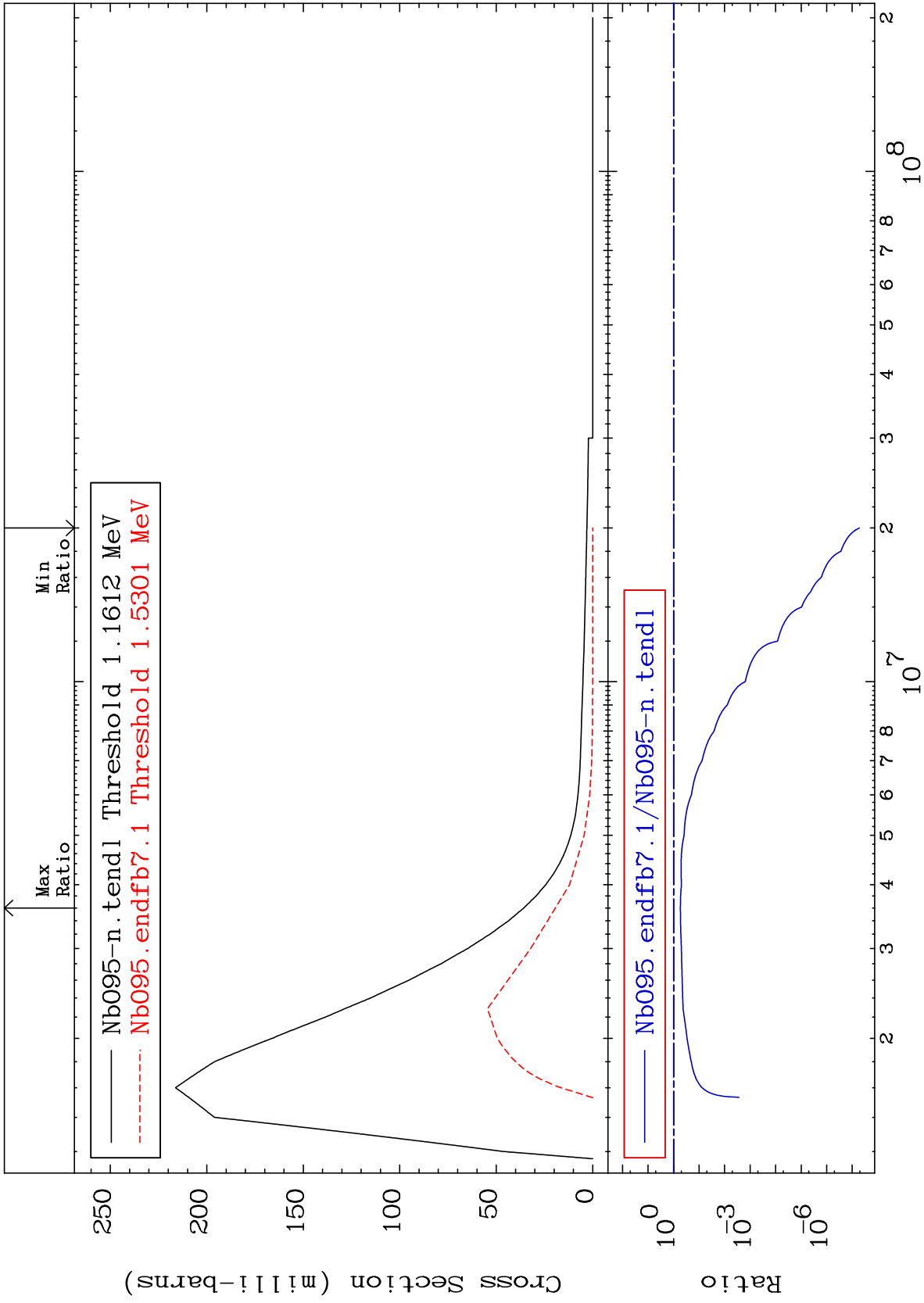
41-Nb-95
-100.0 To -28.58%



MAT 4131

1.149 MeV (n,n') Level
Cross Section

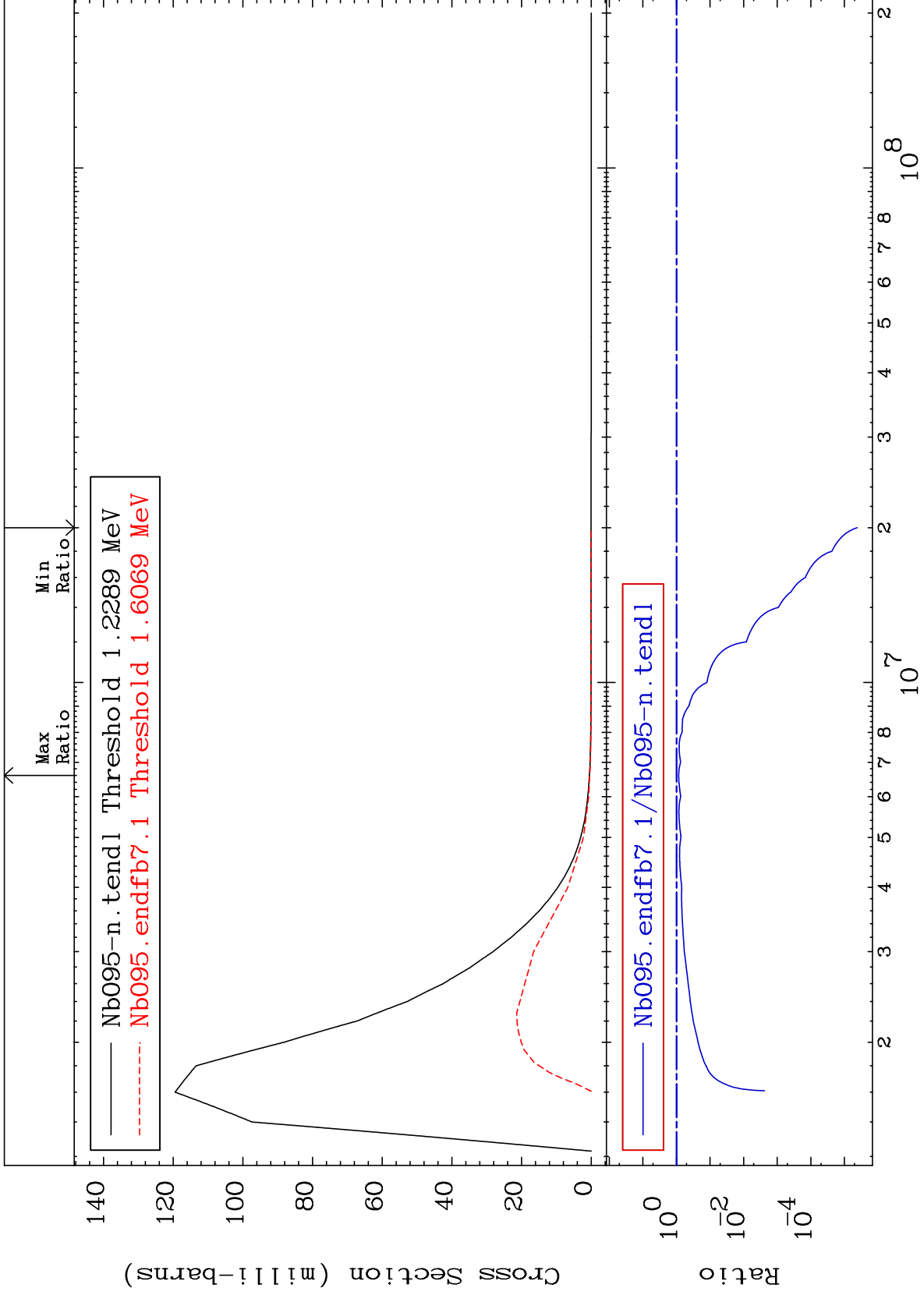
41-Nb-95
-100.0 To -45.75%



MAT 4131

1.216 MeV (n,n') Level
Cross Section

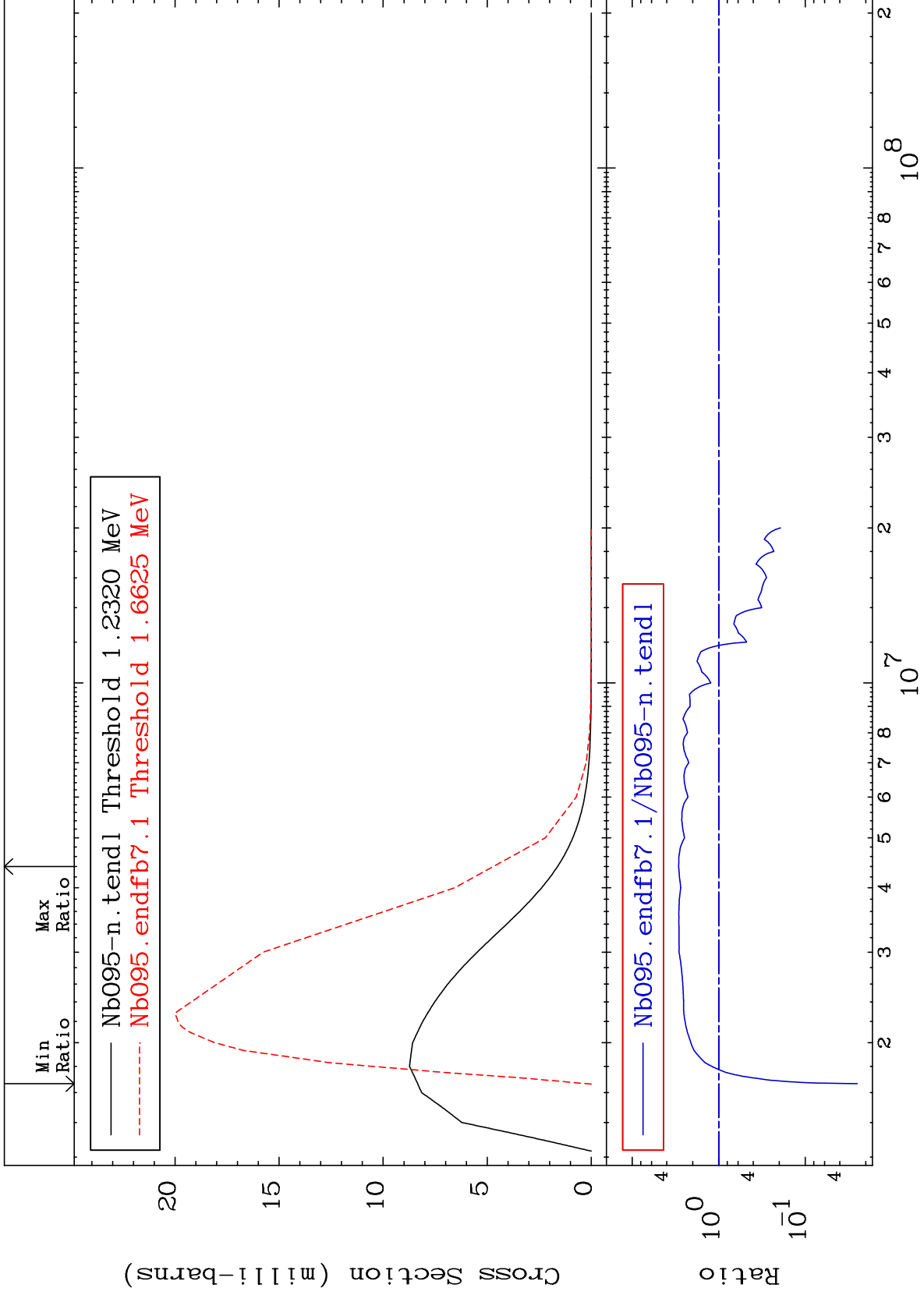
41-Nb-95
-100.0 To -13.87%

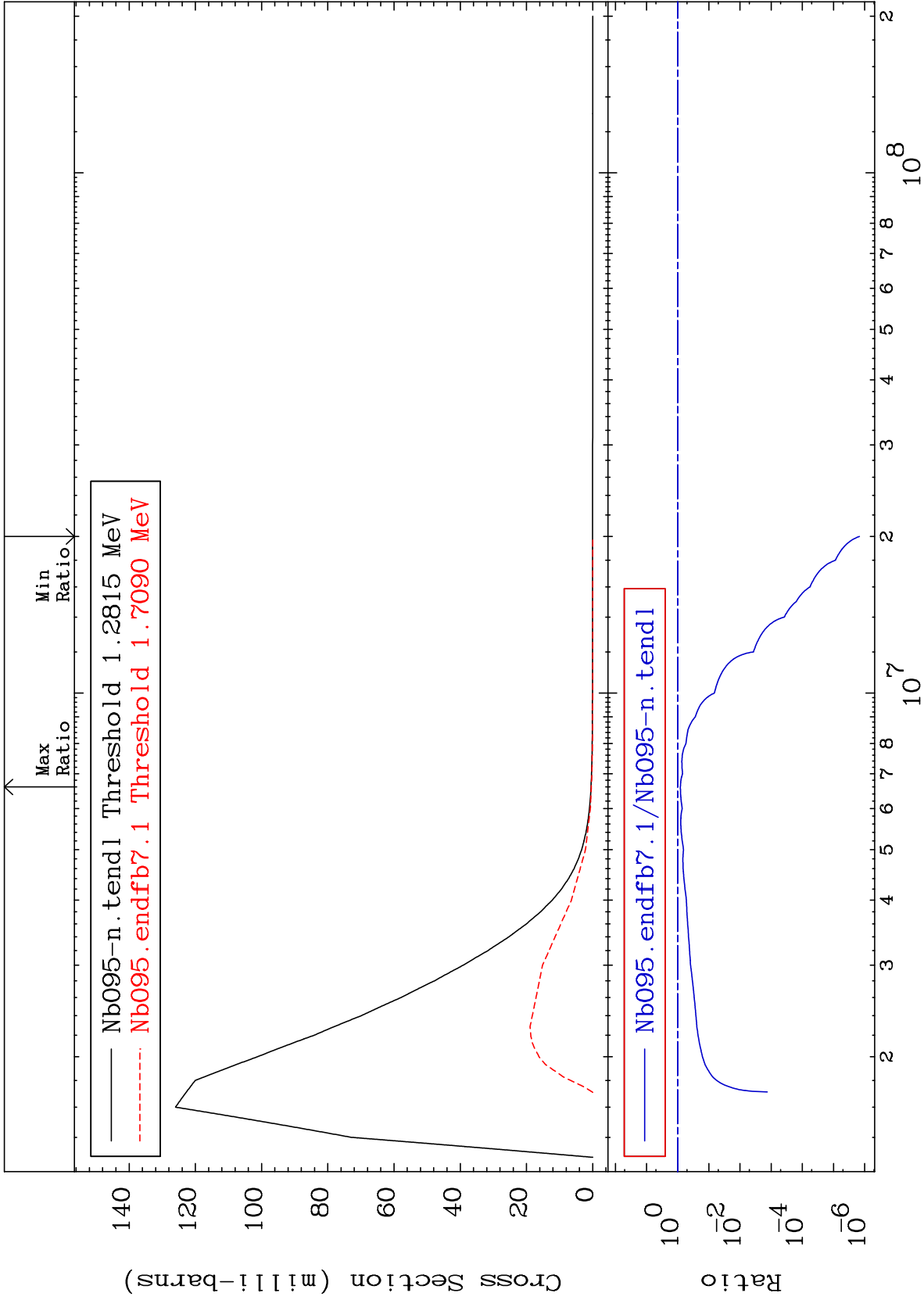


MAT 4131

1.219 MeV (n,n') Level
Cross Section

41-Nb-95
-97.49 To 191.3 %

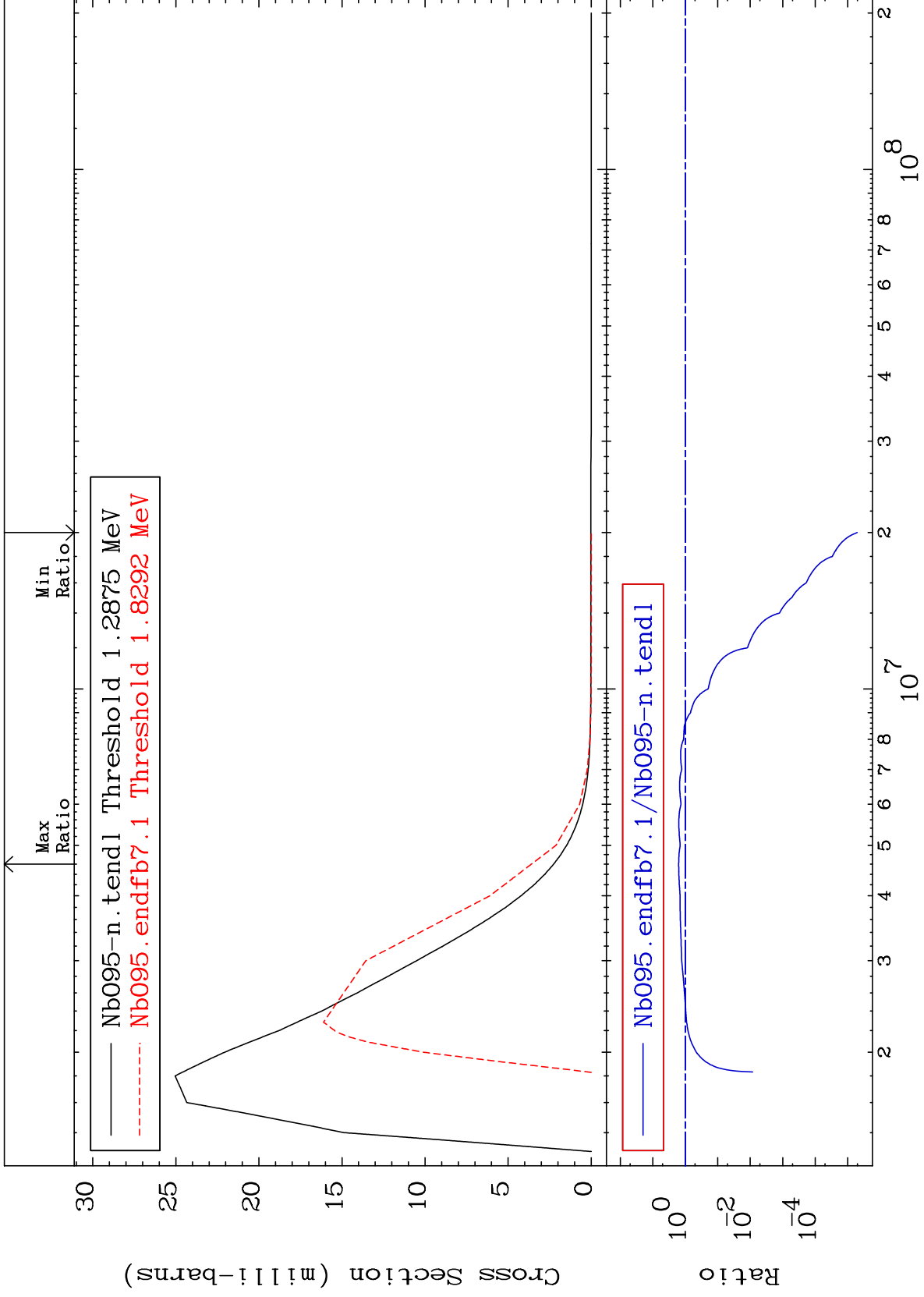




MAT 4131

1.274 MeV (n,n') Level
Cross Section

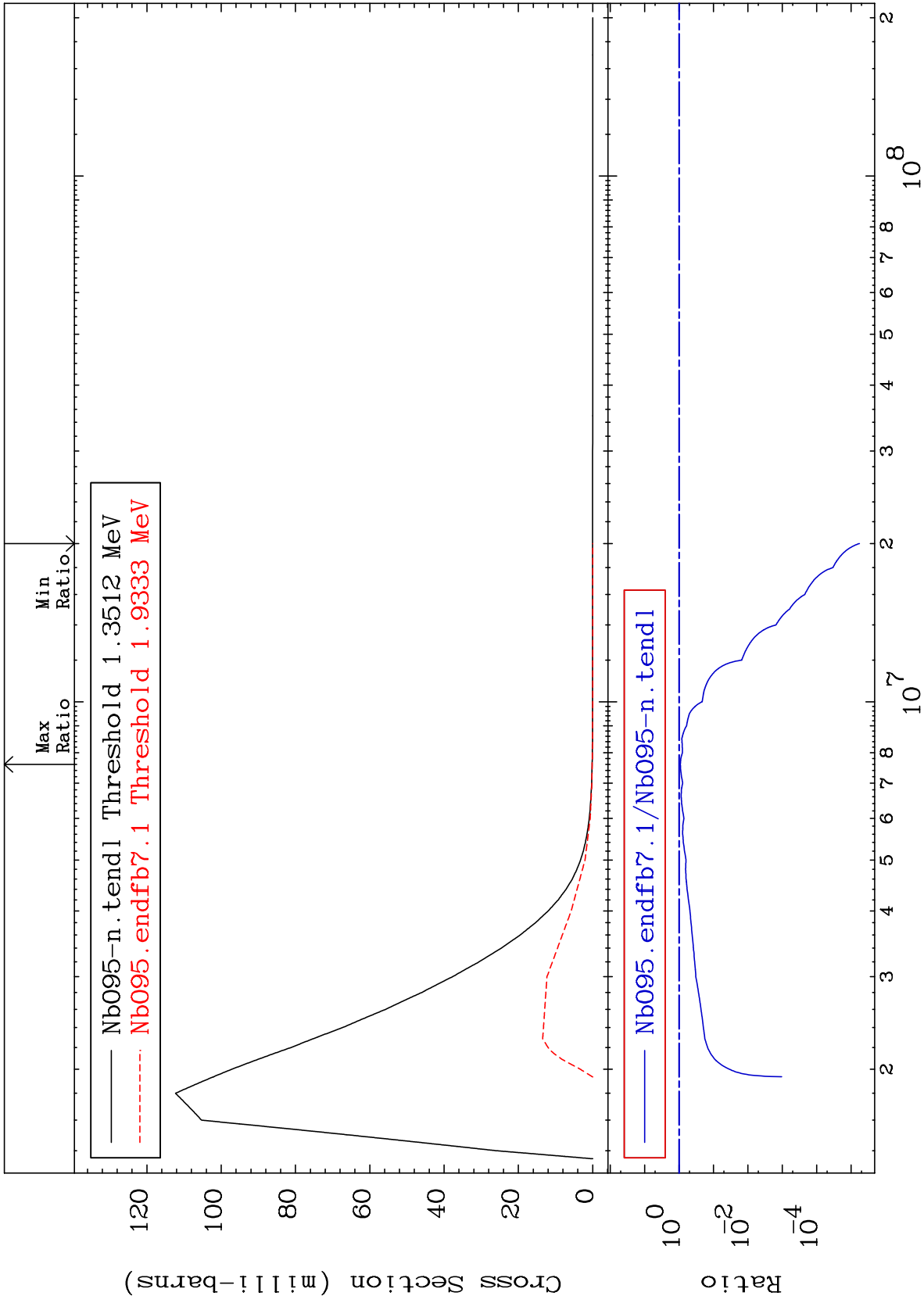
41-Nb-95
-100.0 To 59.58 %



MAT 4131

1.337 MeV (n,n') Level
Cross Section

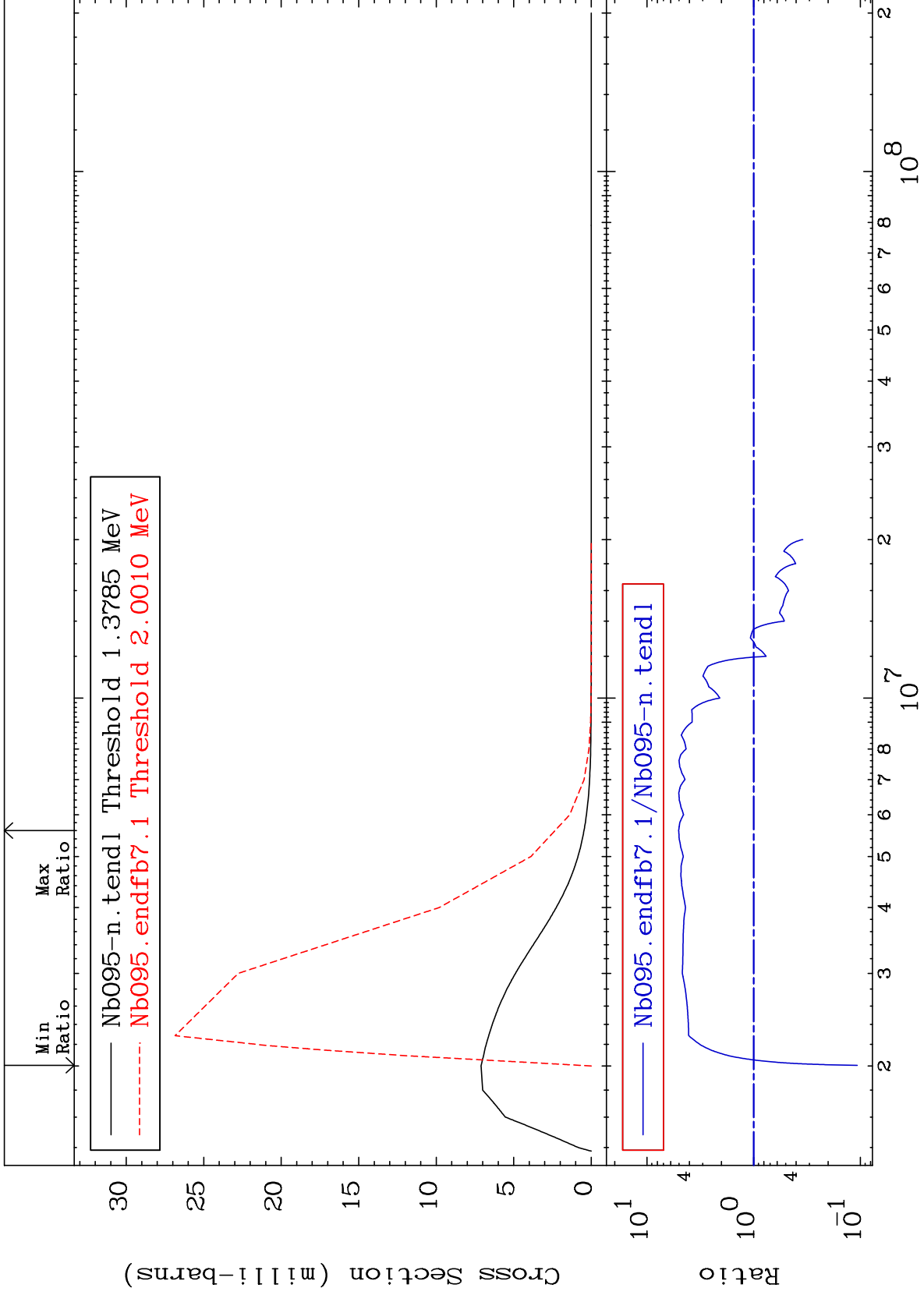
41-Nb-95
-100.0 To -8.034%



MAT 4131

1.364 MeV (n,n') Level
Cross Section

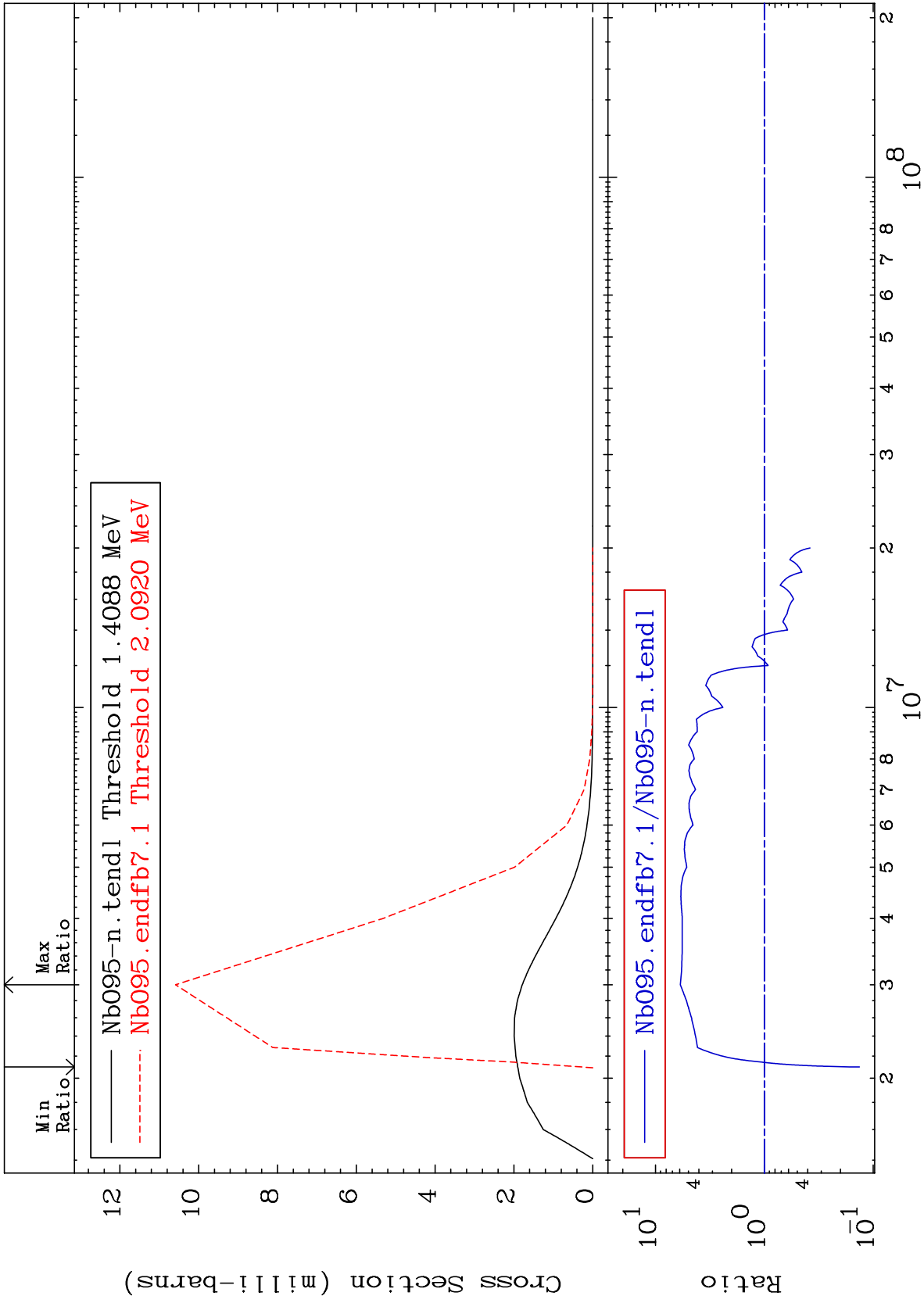
41-Nb-95
-89.32 To 404.6 %



MAT 4131

1.394 MeV (n,n') Level
Cross Section

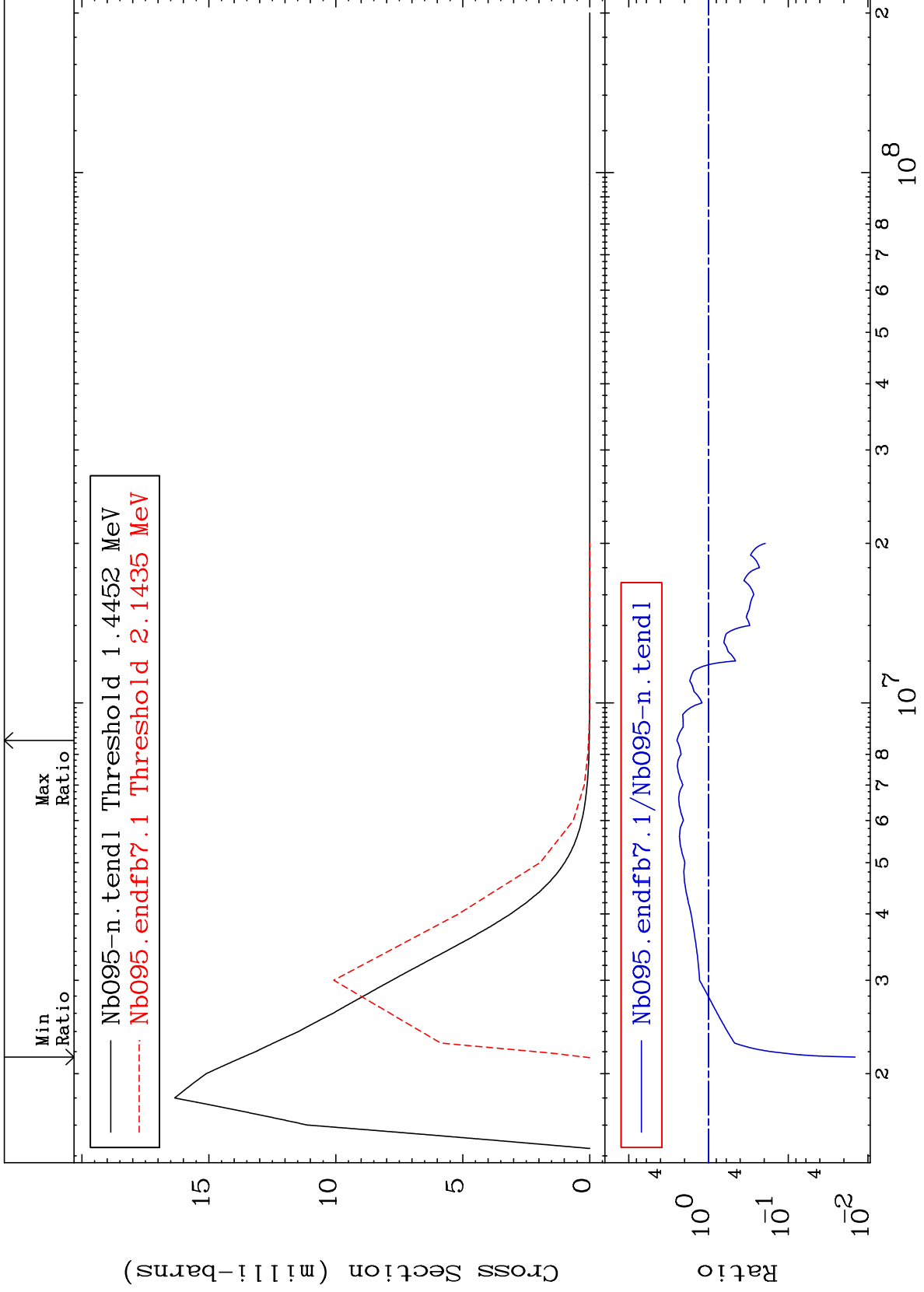
41-Nb-95
-86.60 To 492.3 %



MAT 4131

1.430 MeV (n,n') Level
Cross Section

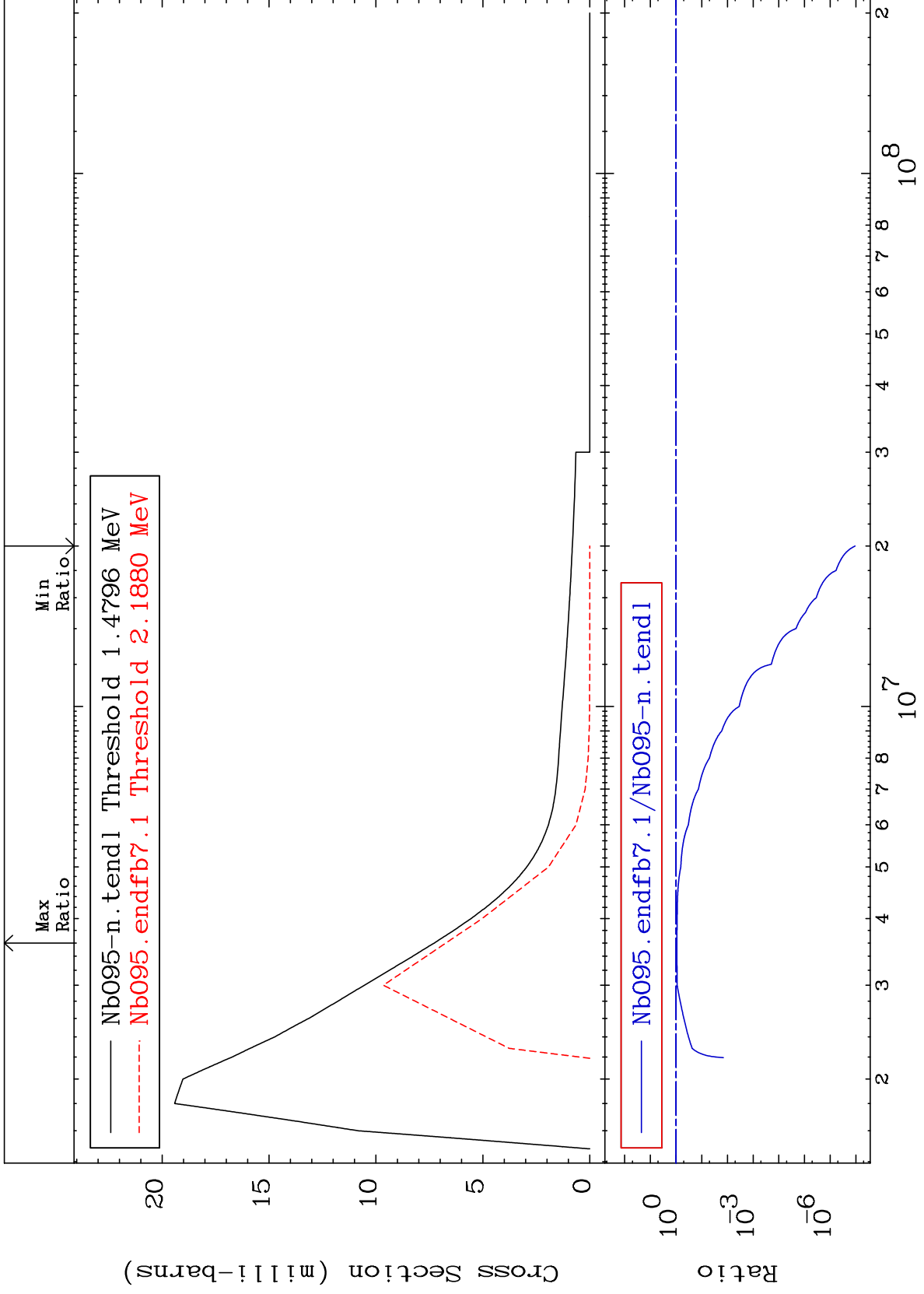
41-Nb-95
-98.55 To 148.9 %



MAT 4131

1.464 MeV (n,n') Level
Cross Section

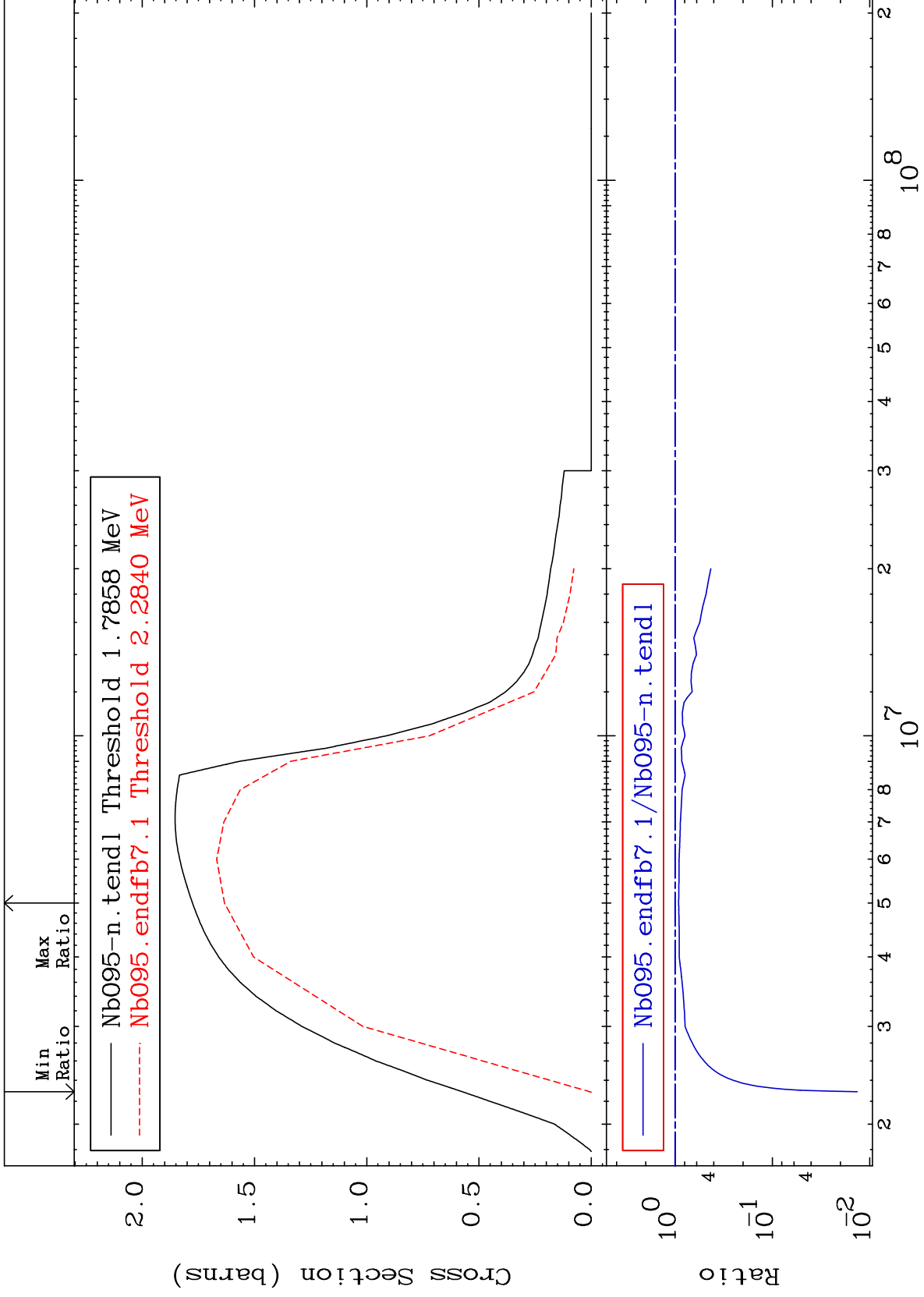
41-Nb-95
-100.0 To -7.475%



MAT 4131

(n, n') Continuum
Cross Section

41-Nb-95
-98.66 To -8.033%



30

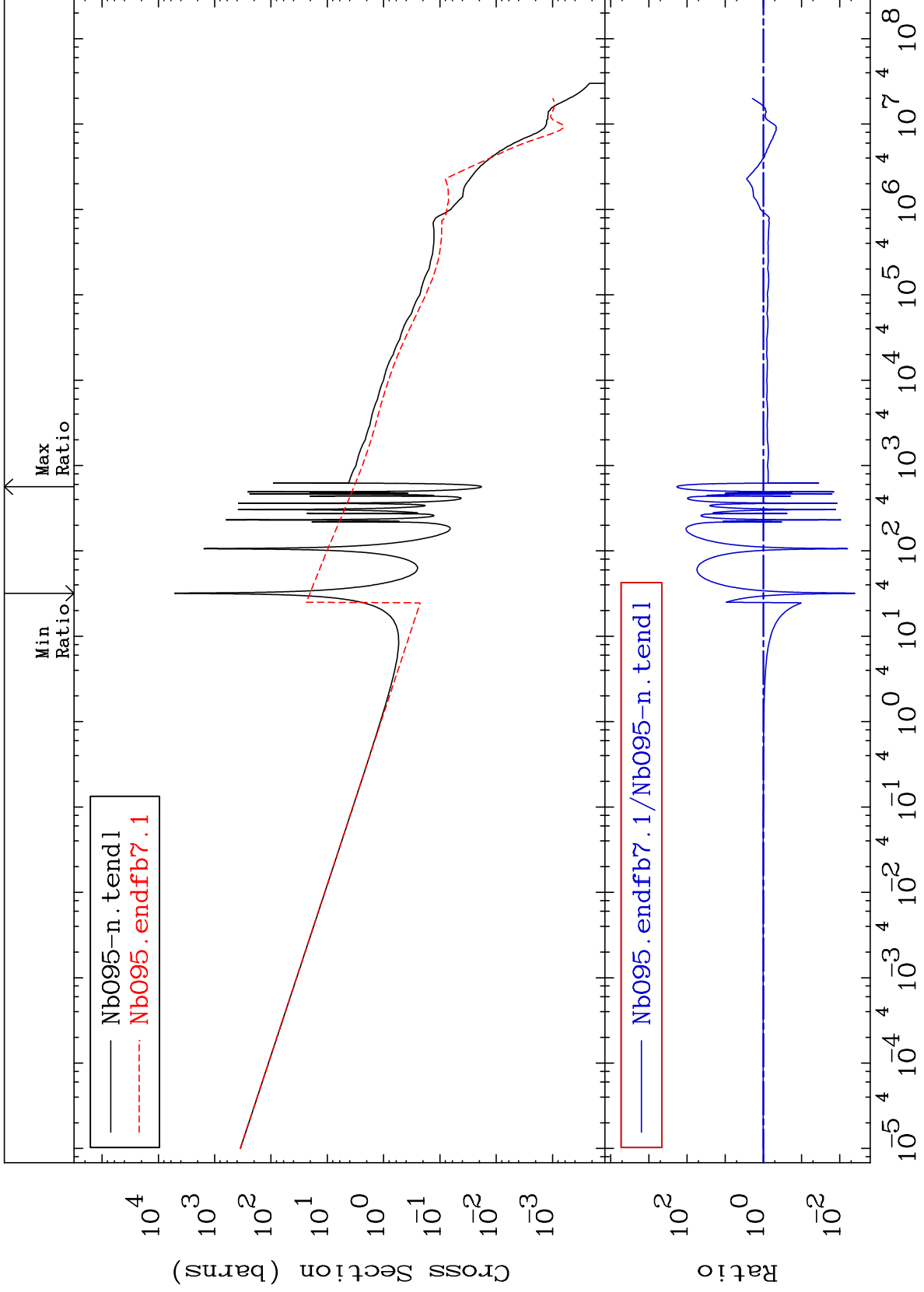
Incident Energy (eV)

41-Nb-95

MAT 4131

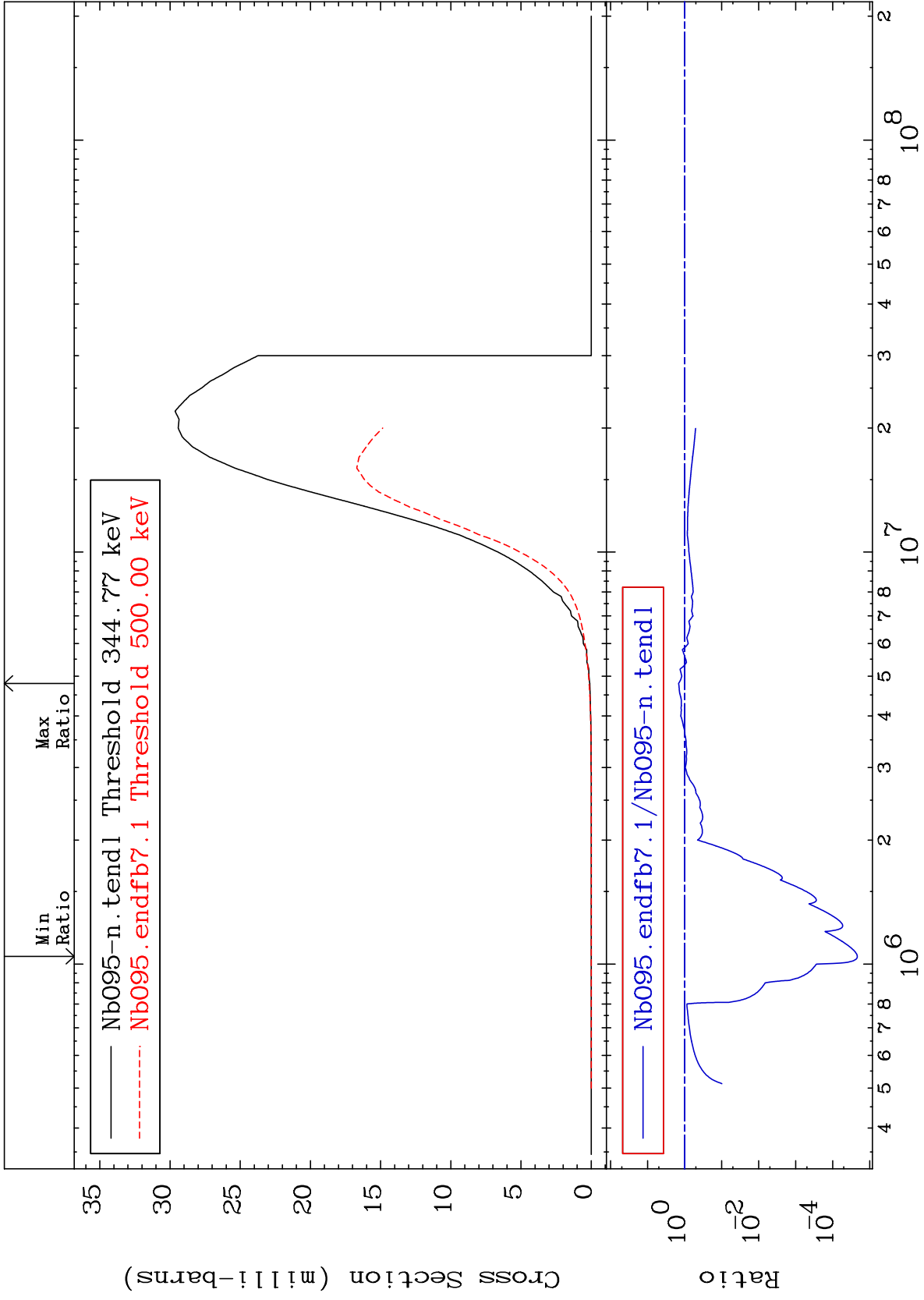
(n, γ)
Cross Section

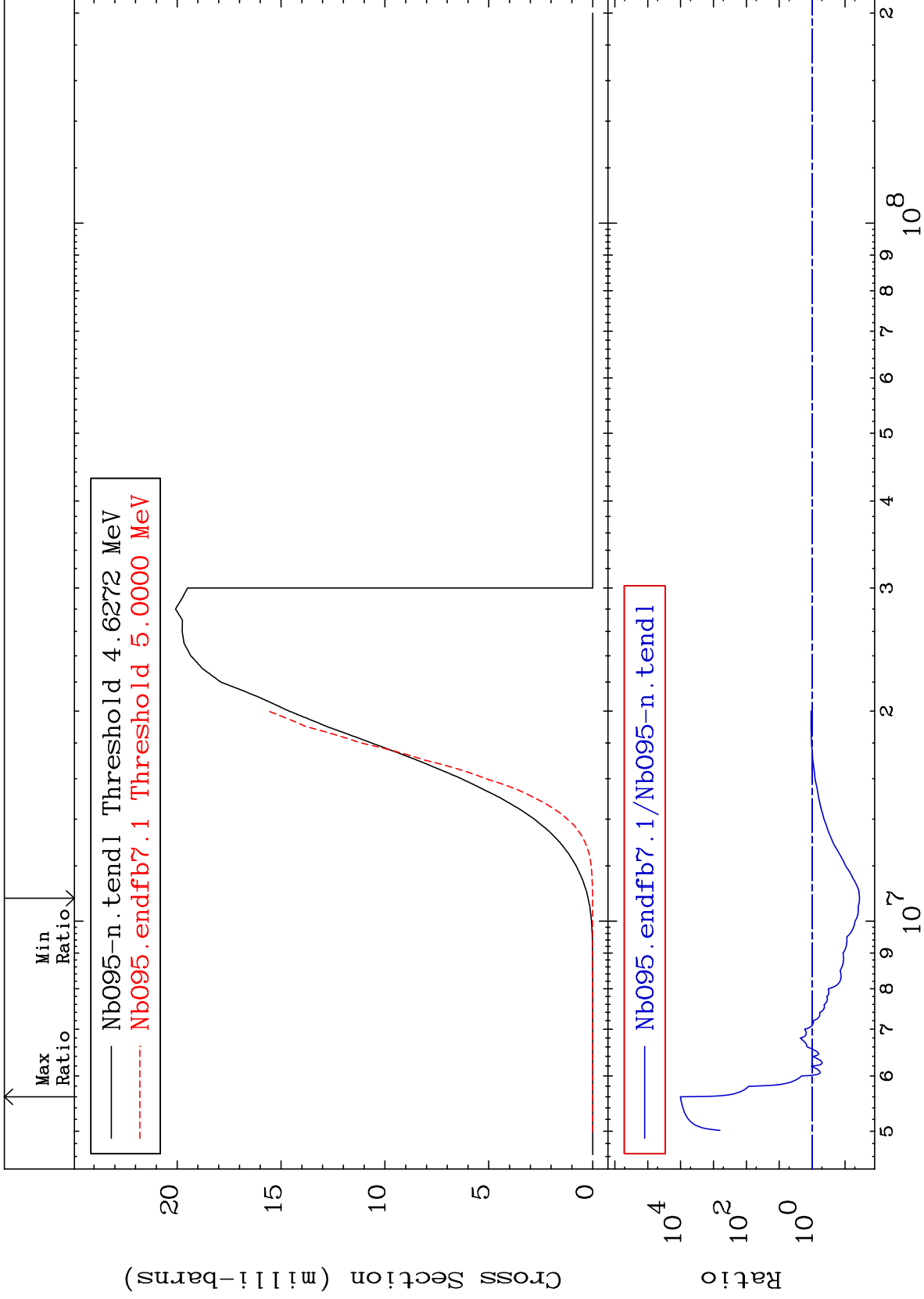
41-Nb-95
-99.61 To 9999. %

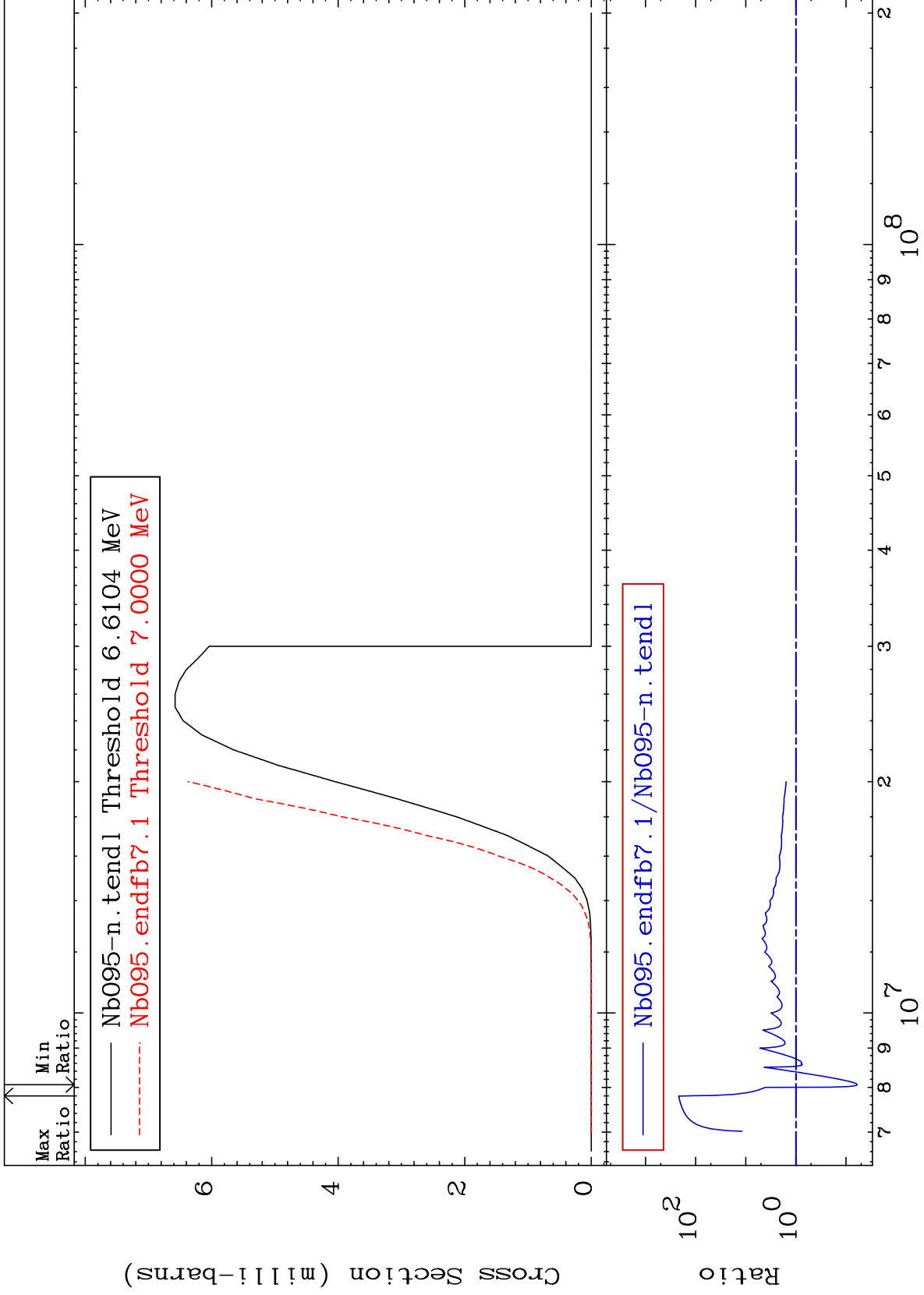


MAT 4131

(n,p)
Cross Section
41-Nb-95
-100.0 To 45.05 %



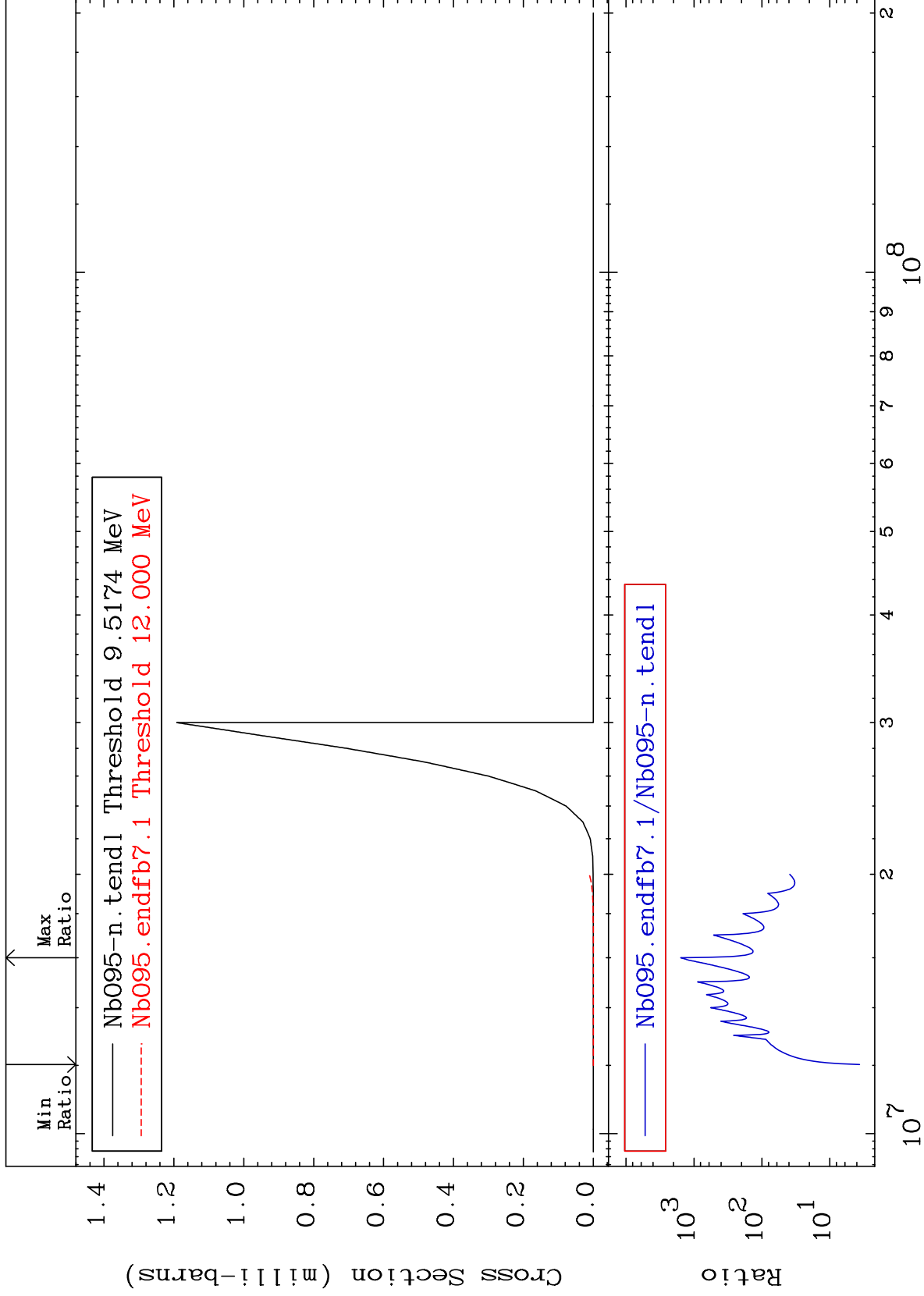




MAT 4131

(n, He-3)
Cross Section

41-Nb-95
265.7 To 9999. %



35

Incident Energy (eV)

41-Nb-95

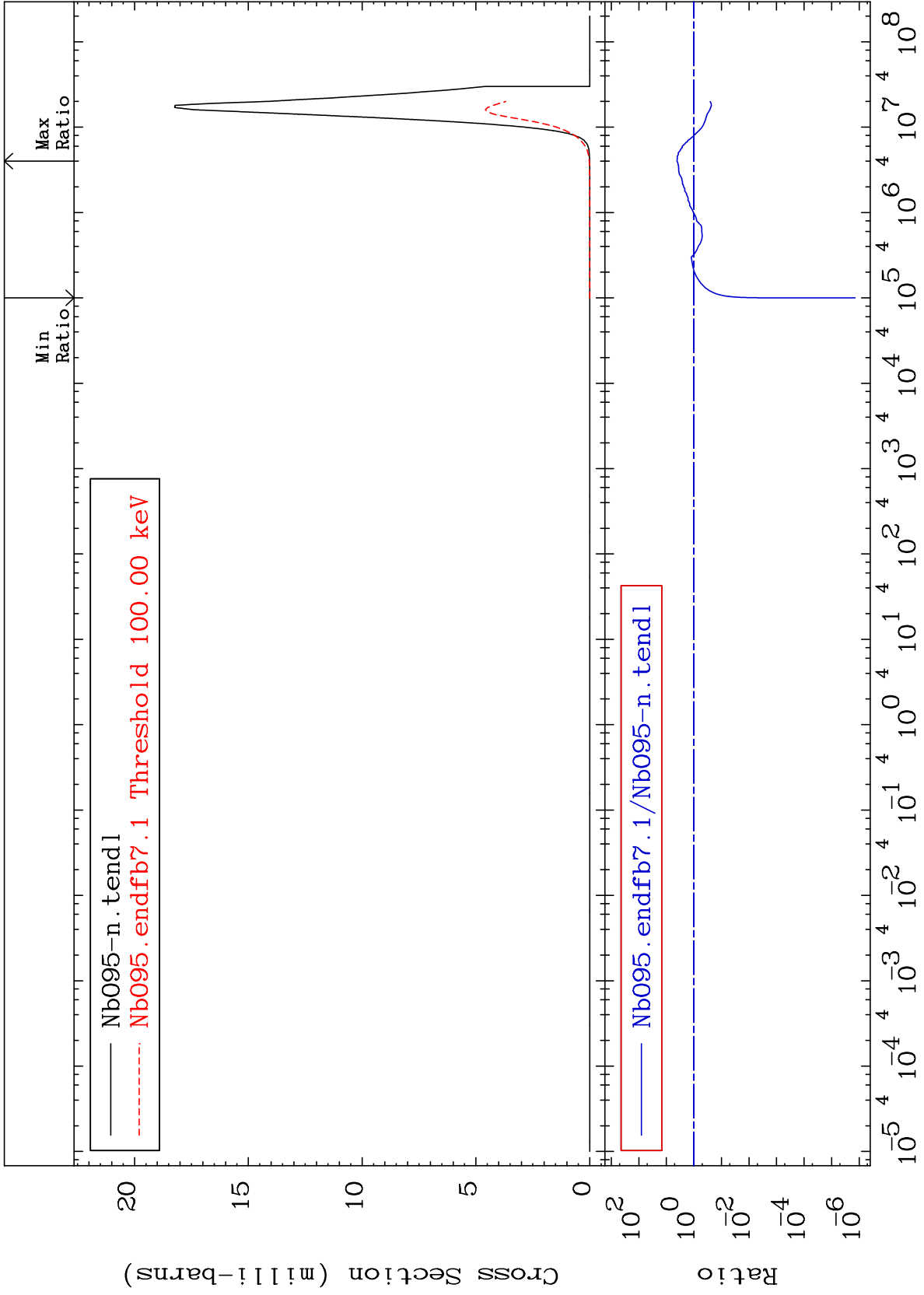
MAT 4131

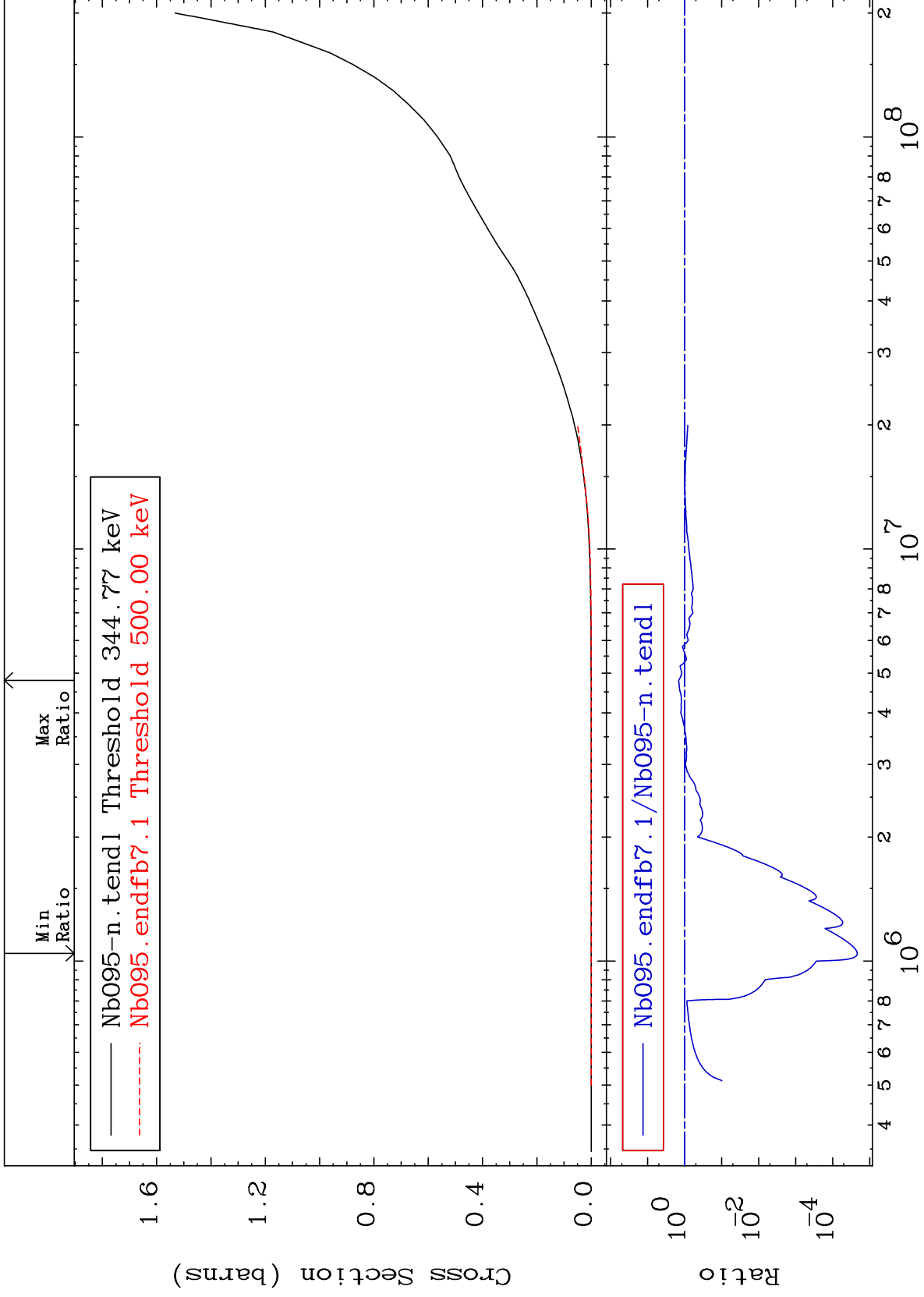
(n, α)

41-Nb-95

Cross Section

-100.0 To 313.6 %

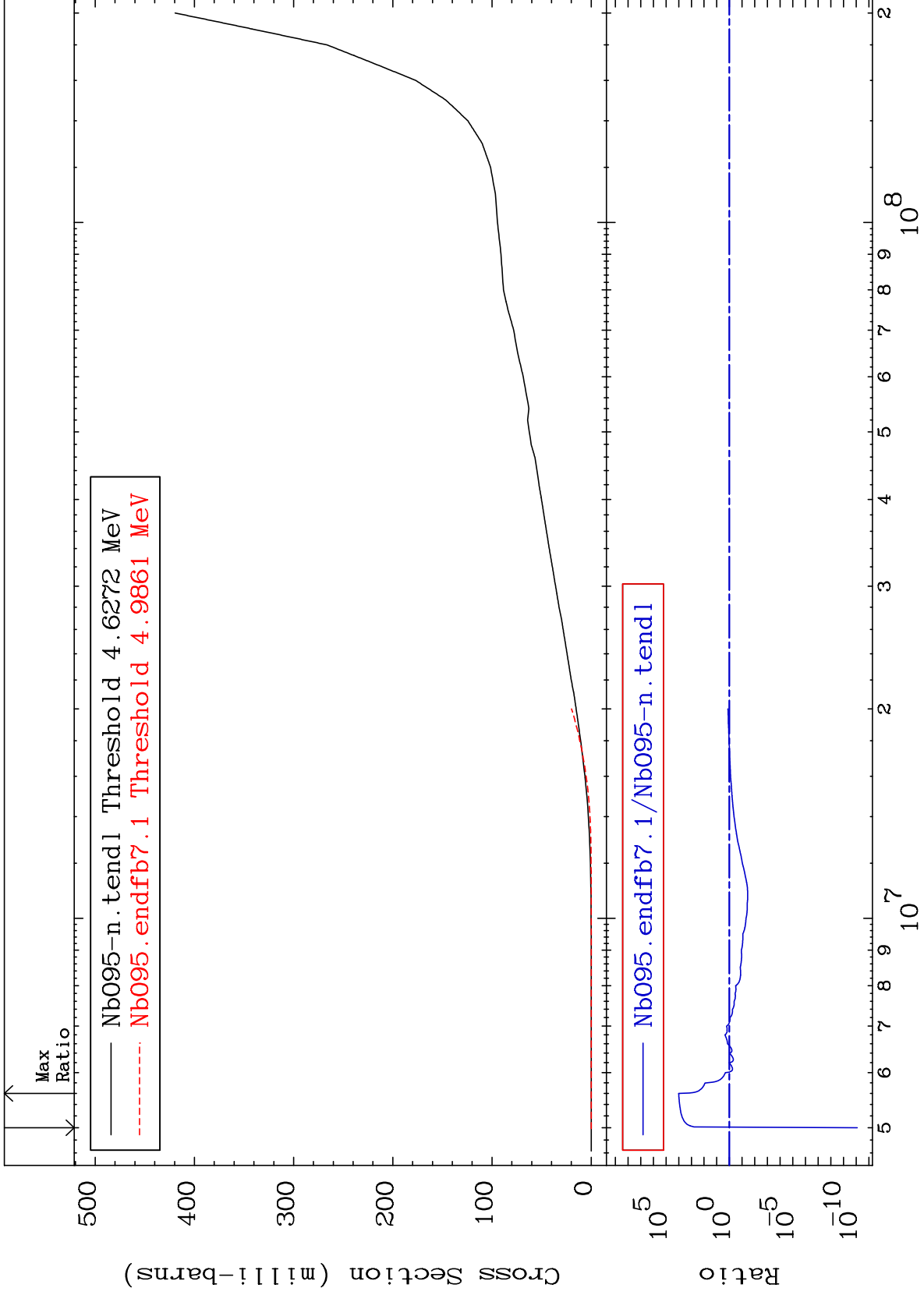




MAT 4131

Deuterium Production
Cross Section

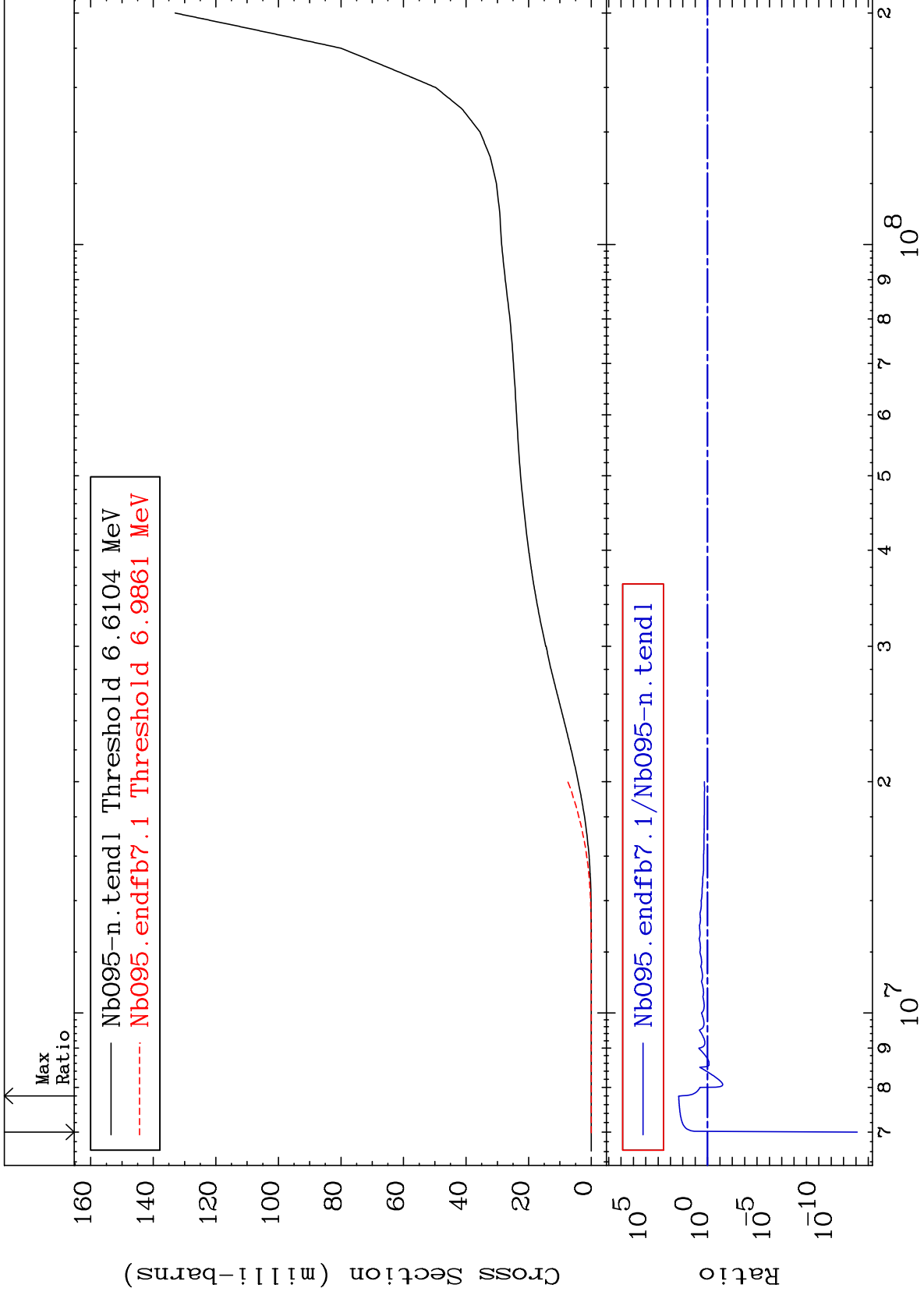
41-Nb-95
-100.0 To 9999. %



MAT 4131

Tritium Production
Cross Section

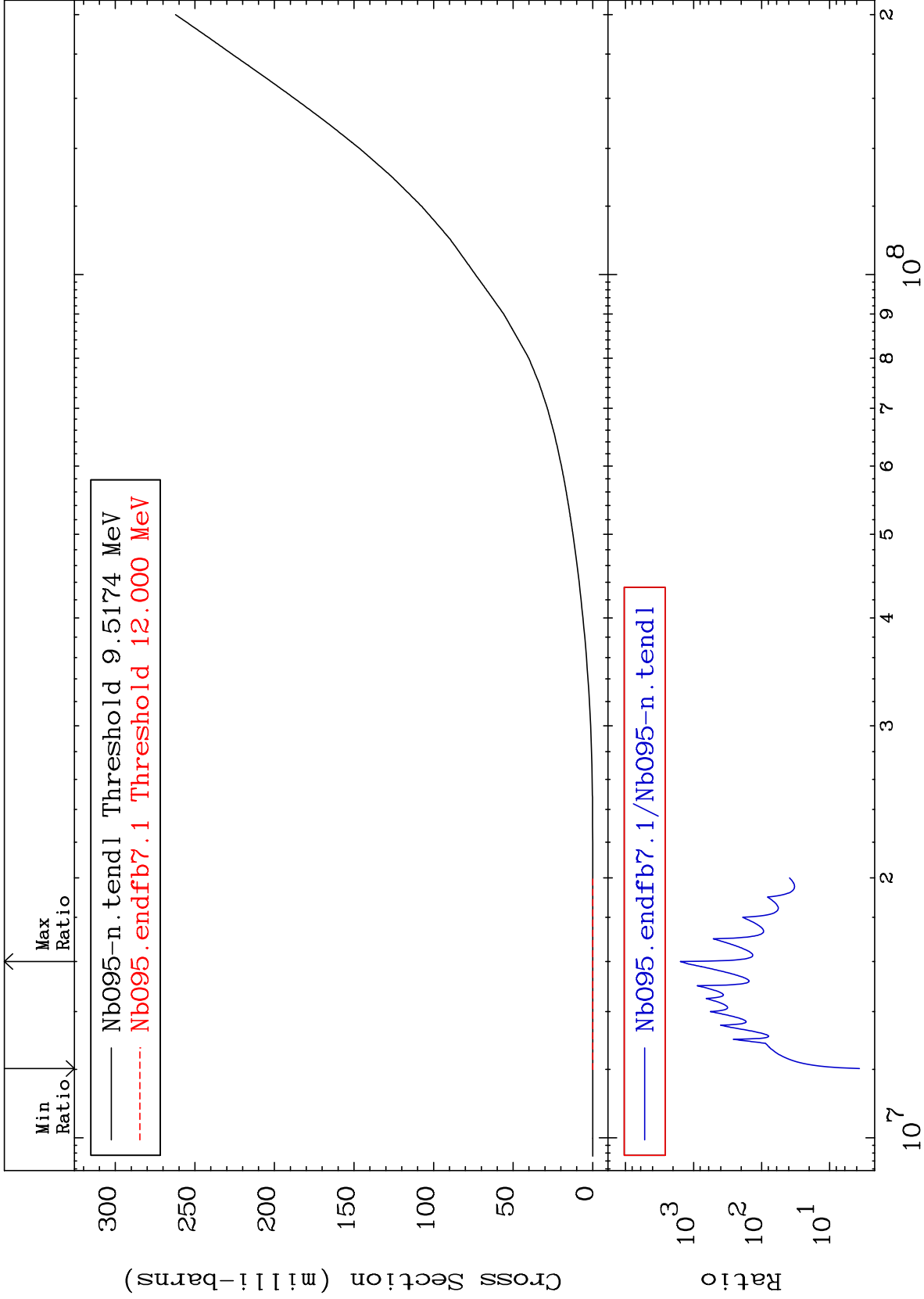
41-Nb-95
-100.0 To 9999. %



MAT 4131

He-3 Production
Cross Section

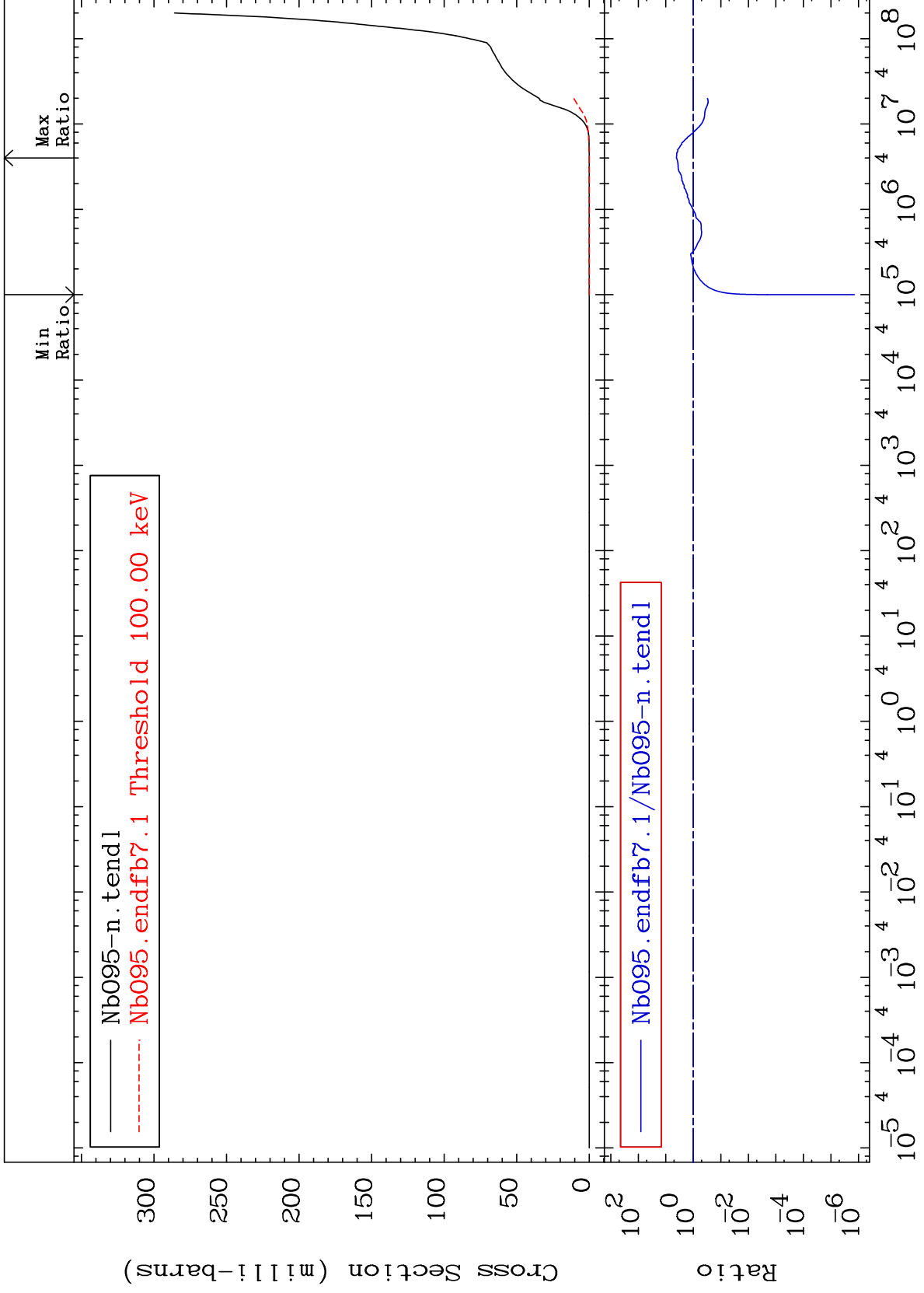
41-Nb-95
265.7 To 9999. %



40

Incident Energy (eV)

41-Nb-95



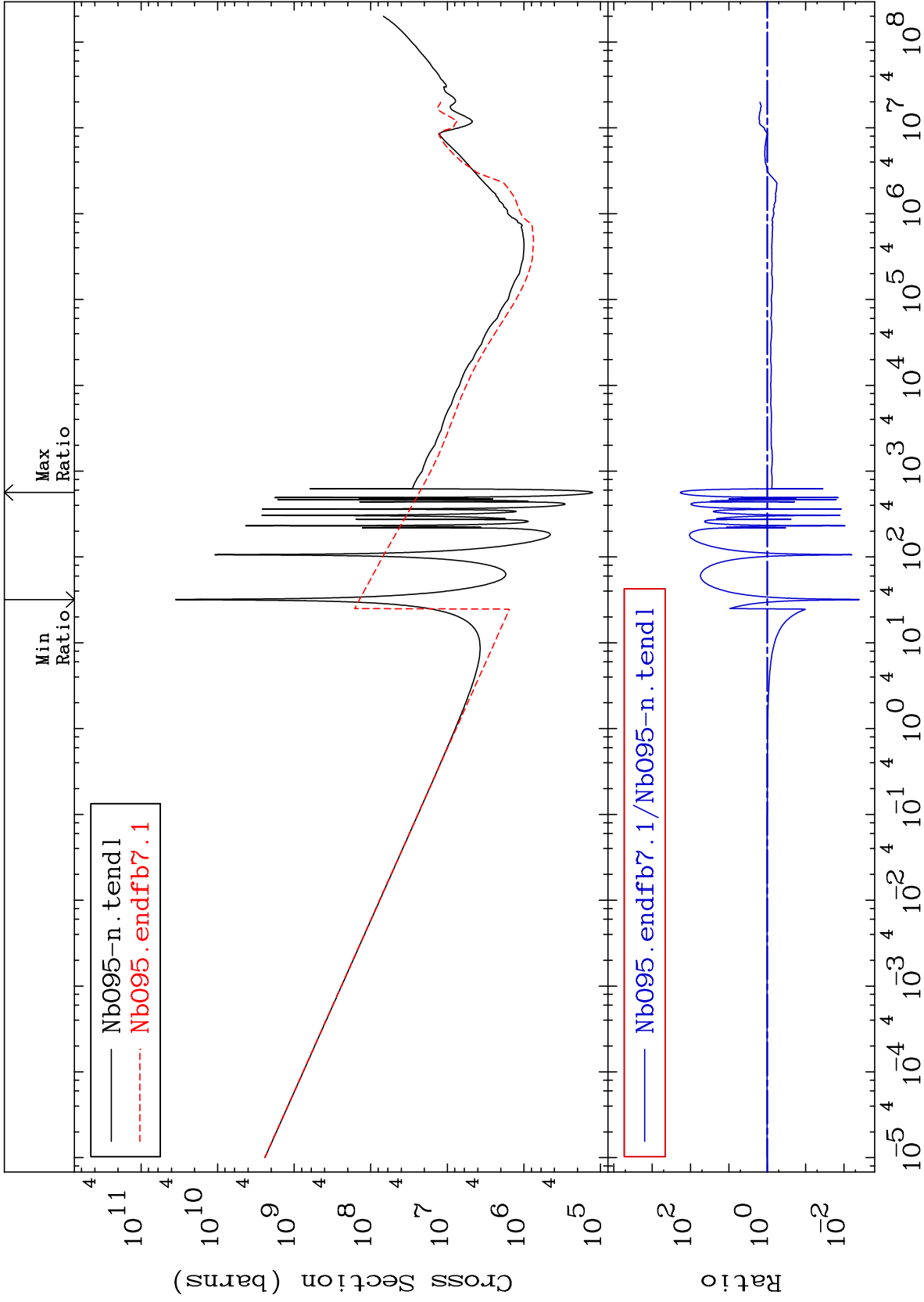
MAT 4131

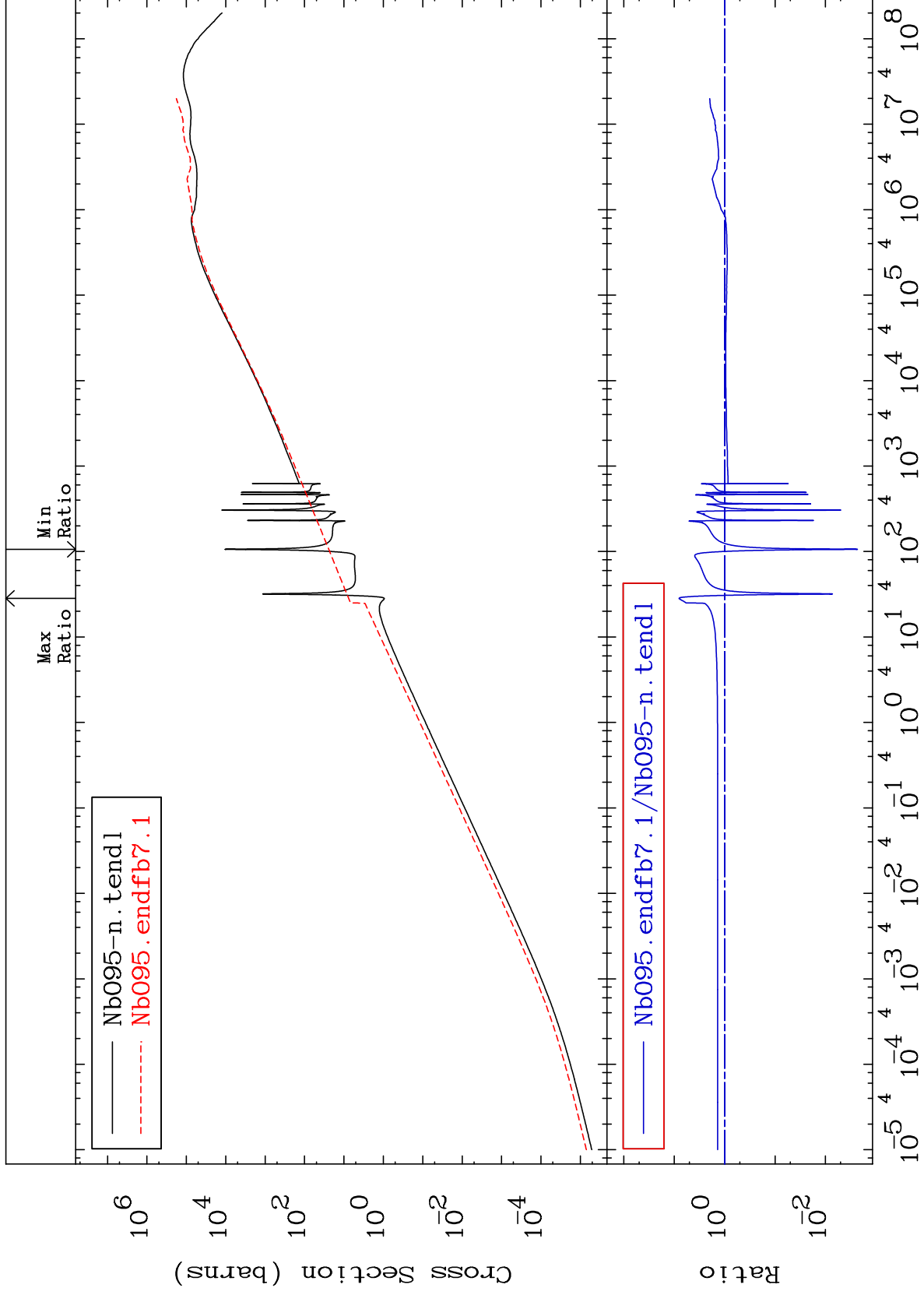
Kerma total (eV-barns)

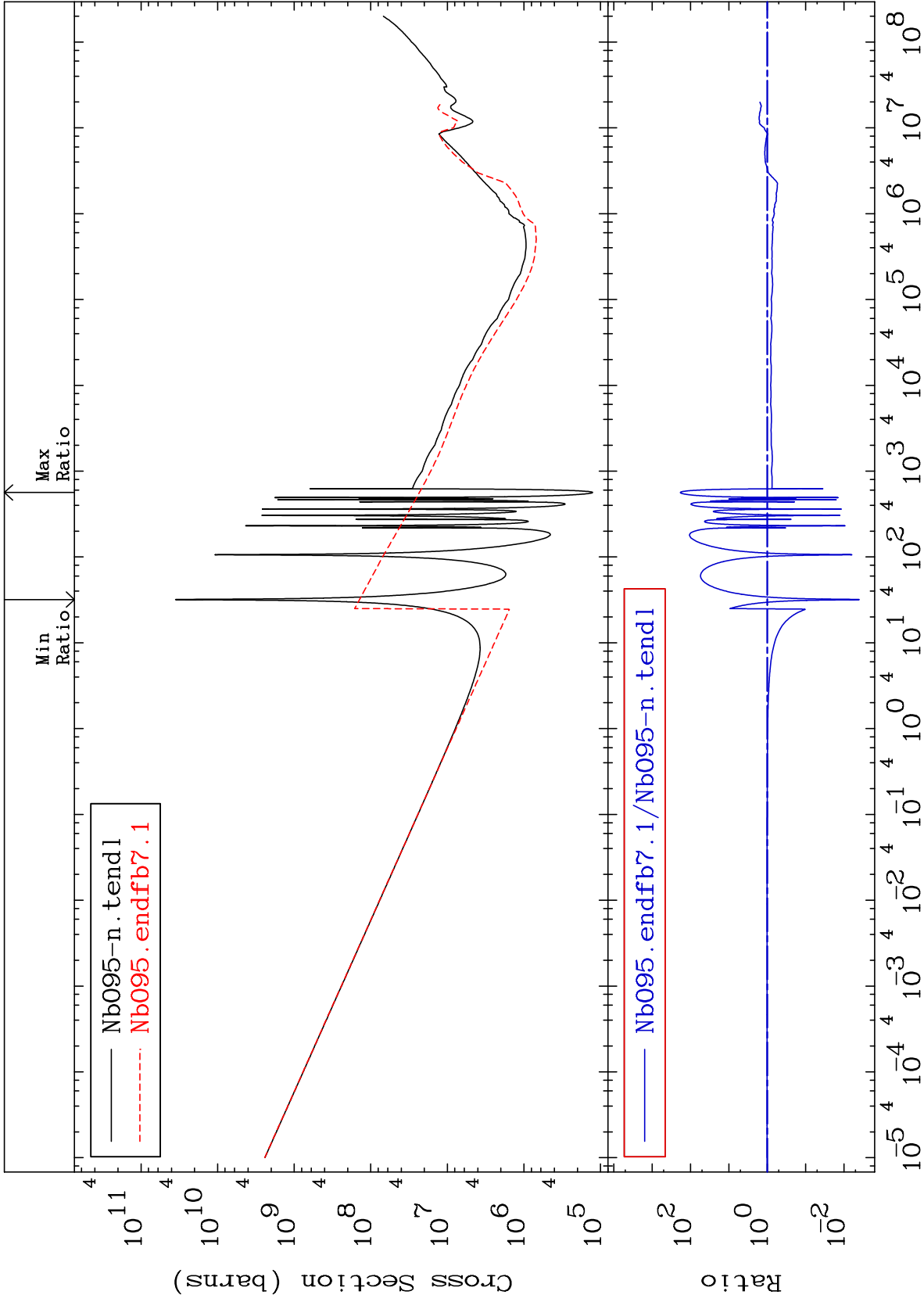
41-Nb-95

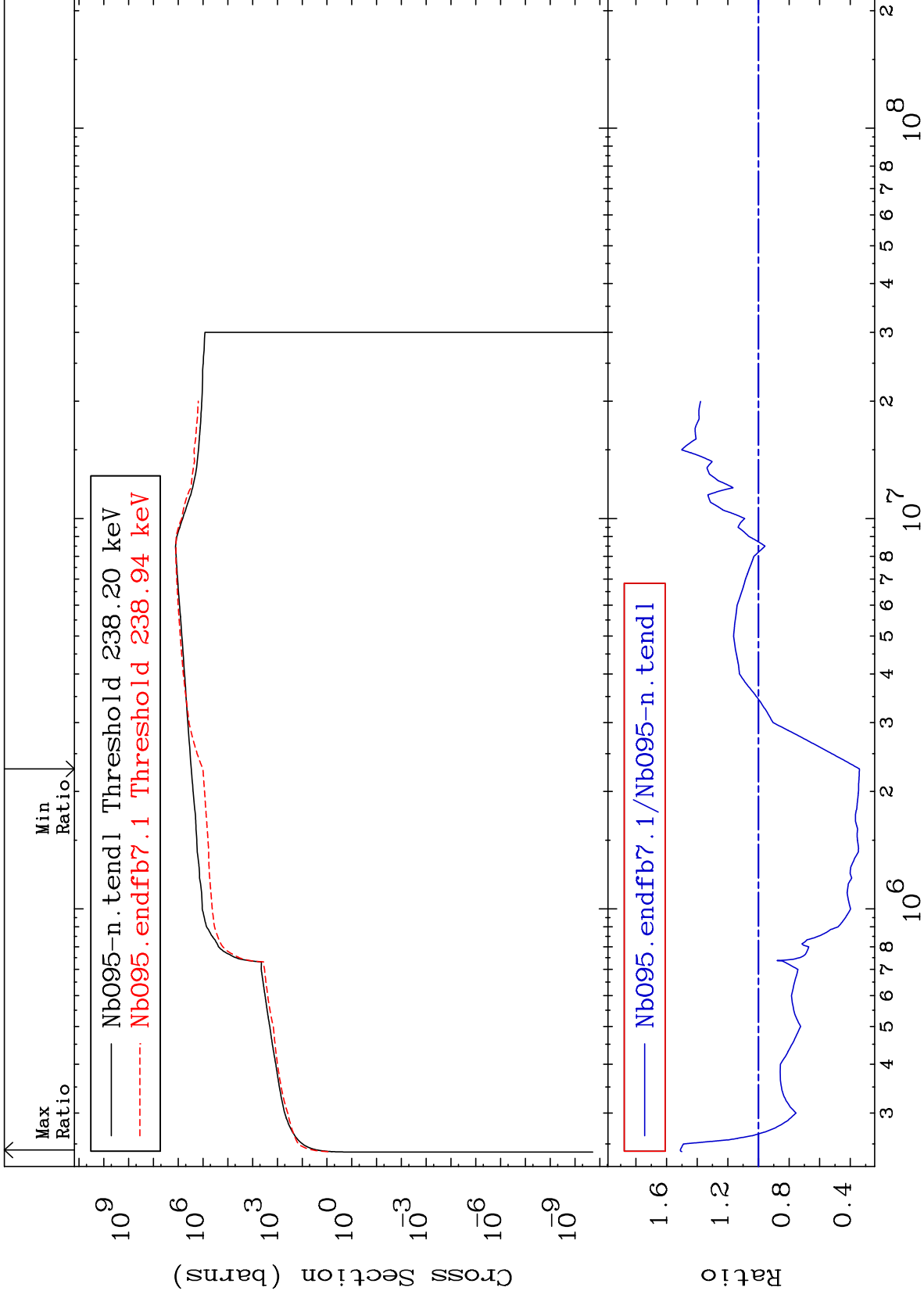
-99.61 To 9999. %

Cross Section





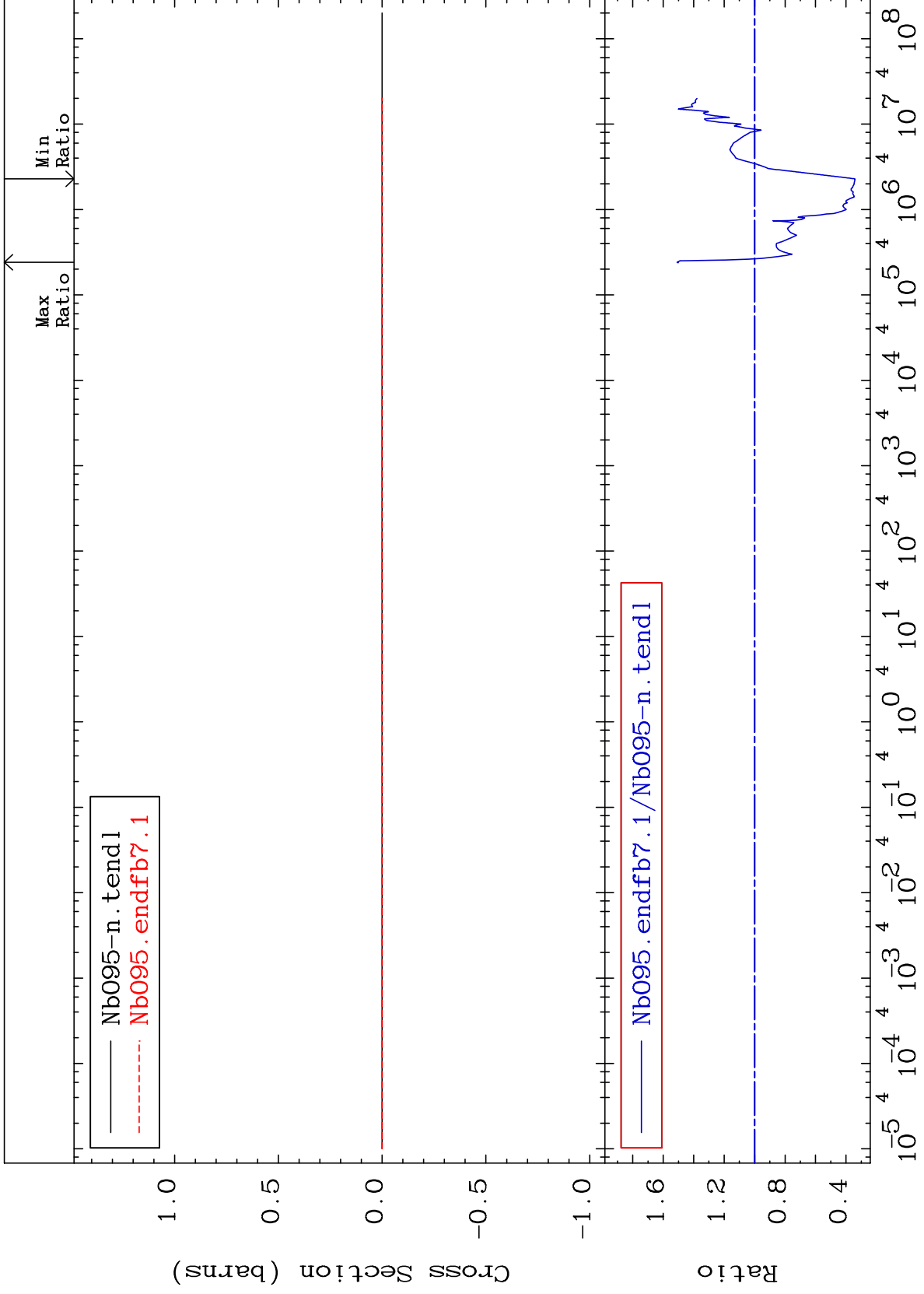




MAT 4131

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

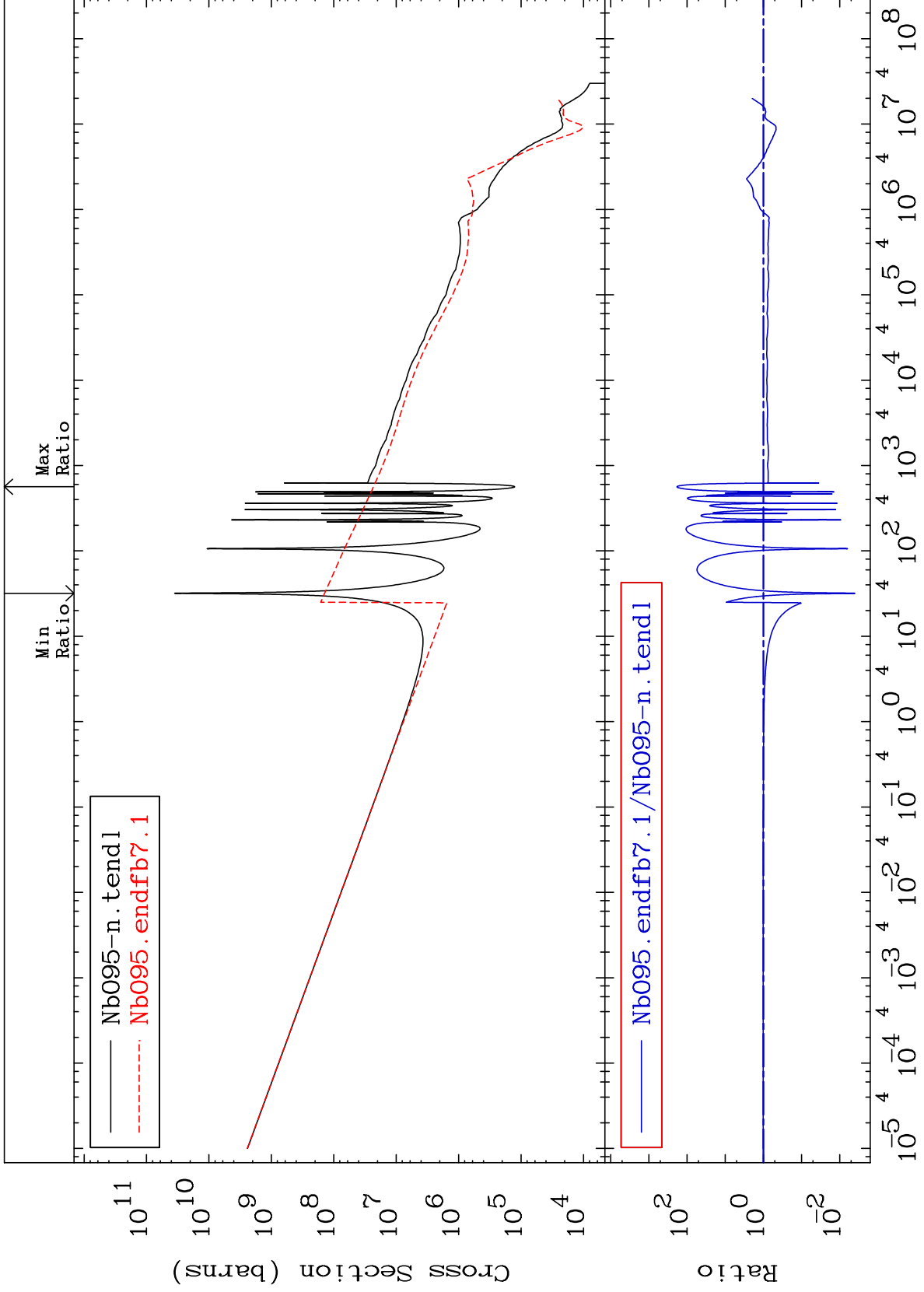
41-Nb-95
-65.97 To 51.00 %

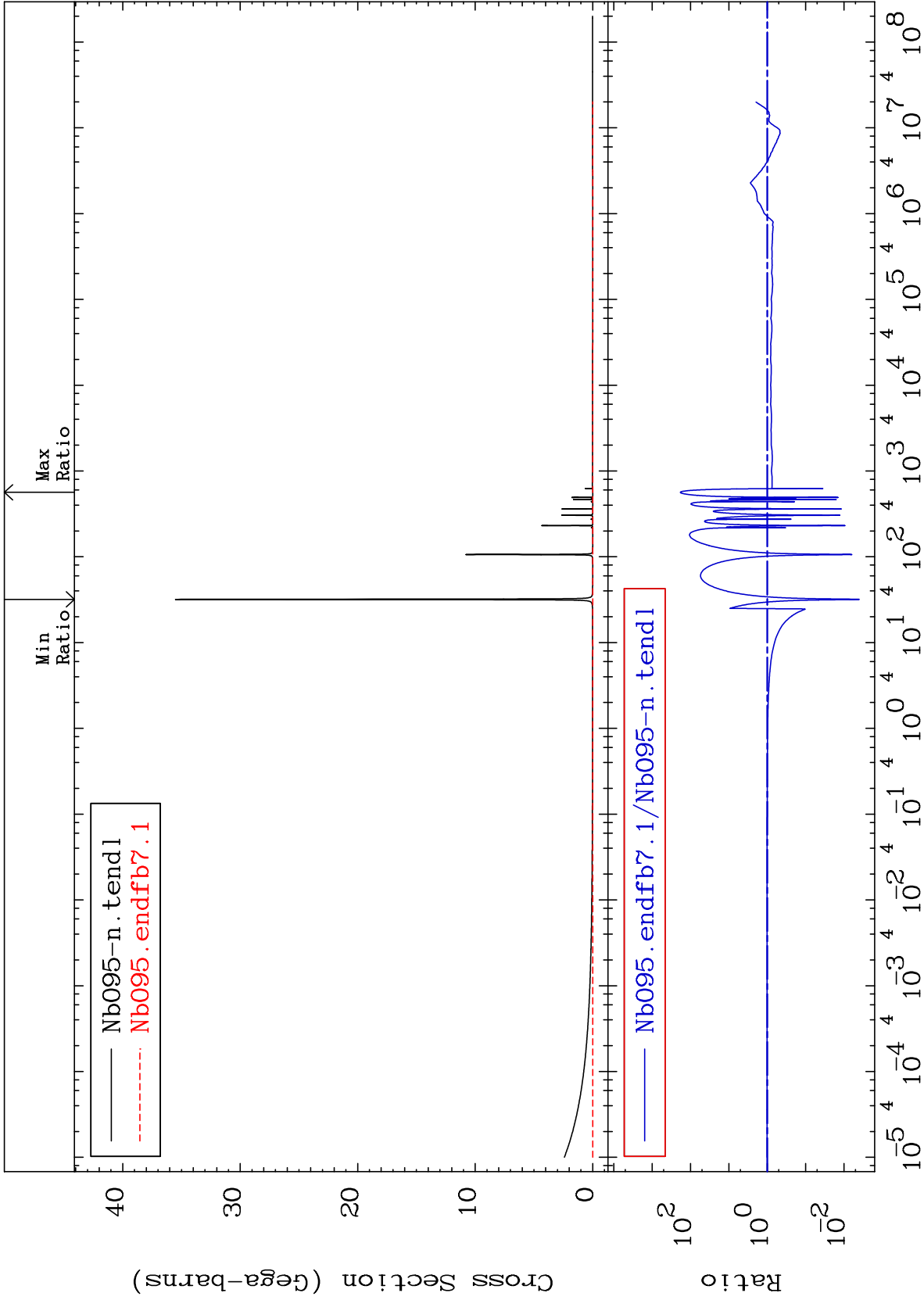


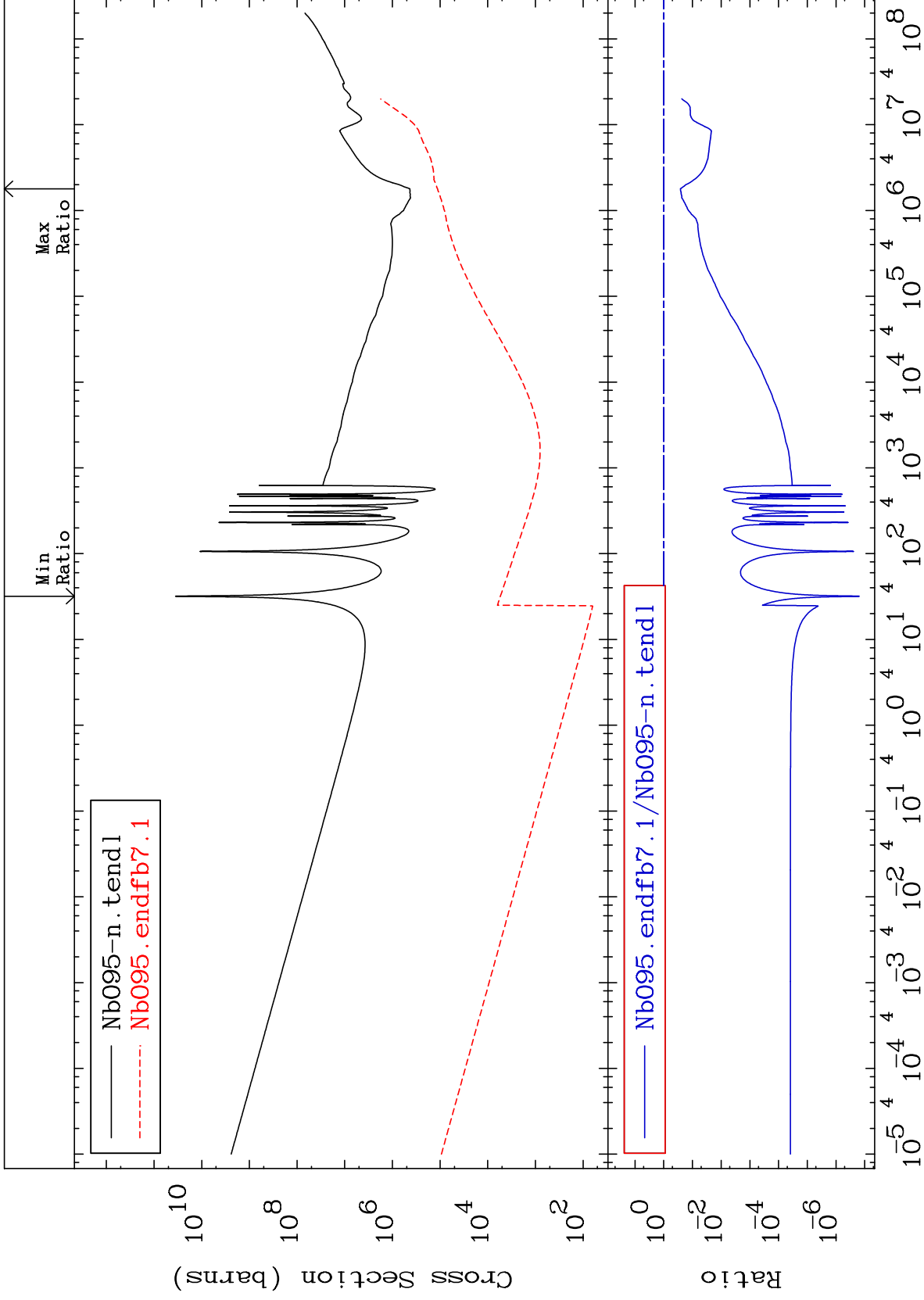
MAT 4131

Kerma capture (mt102)
Cross Section

41-Nb-95
-99.61 To 9999. %



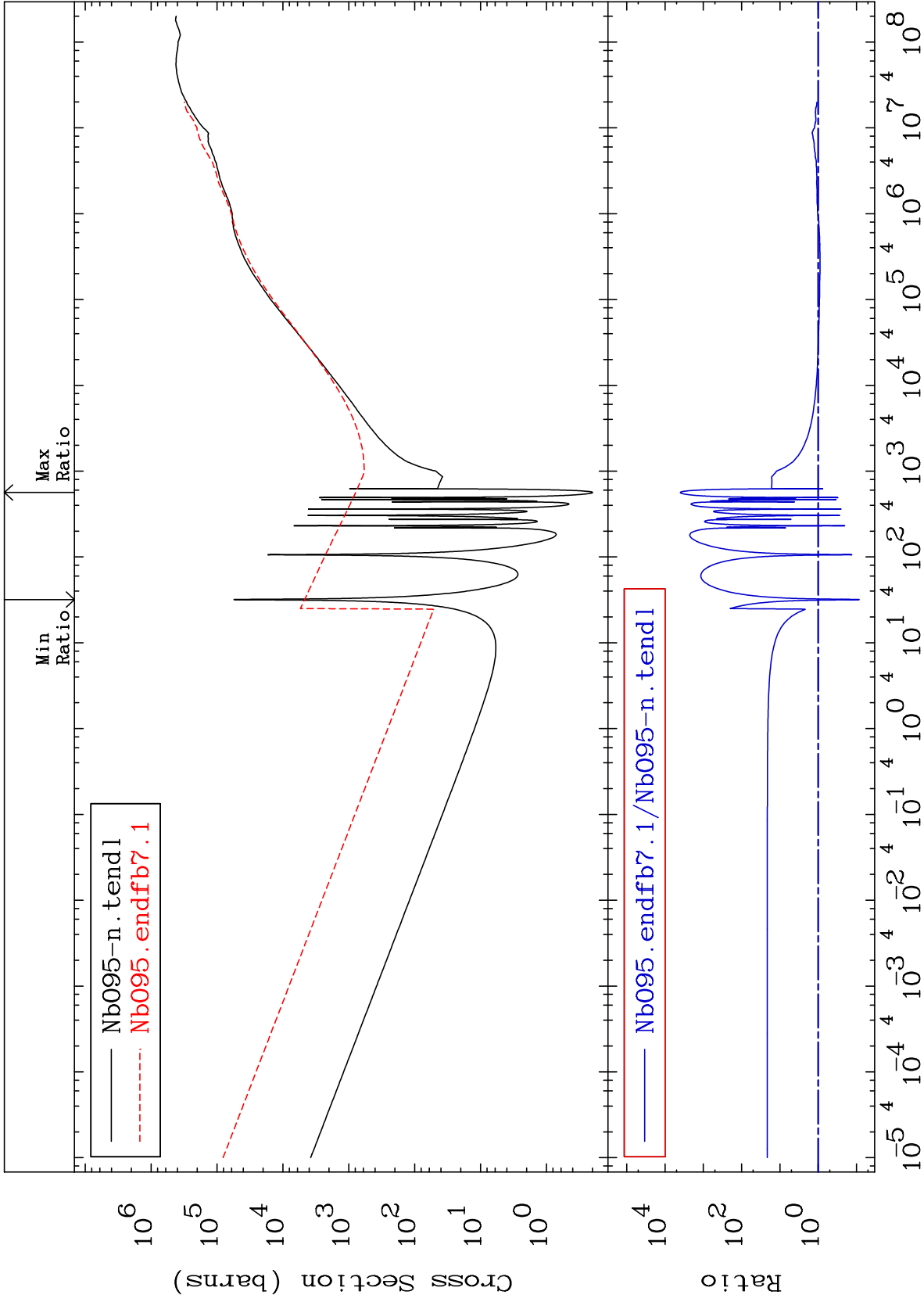




MAT 4131

Dpa total (eV-barns)
Cross Section

41-Nb-95
-91.61 To 9999. %



50

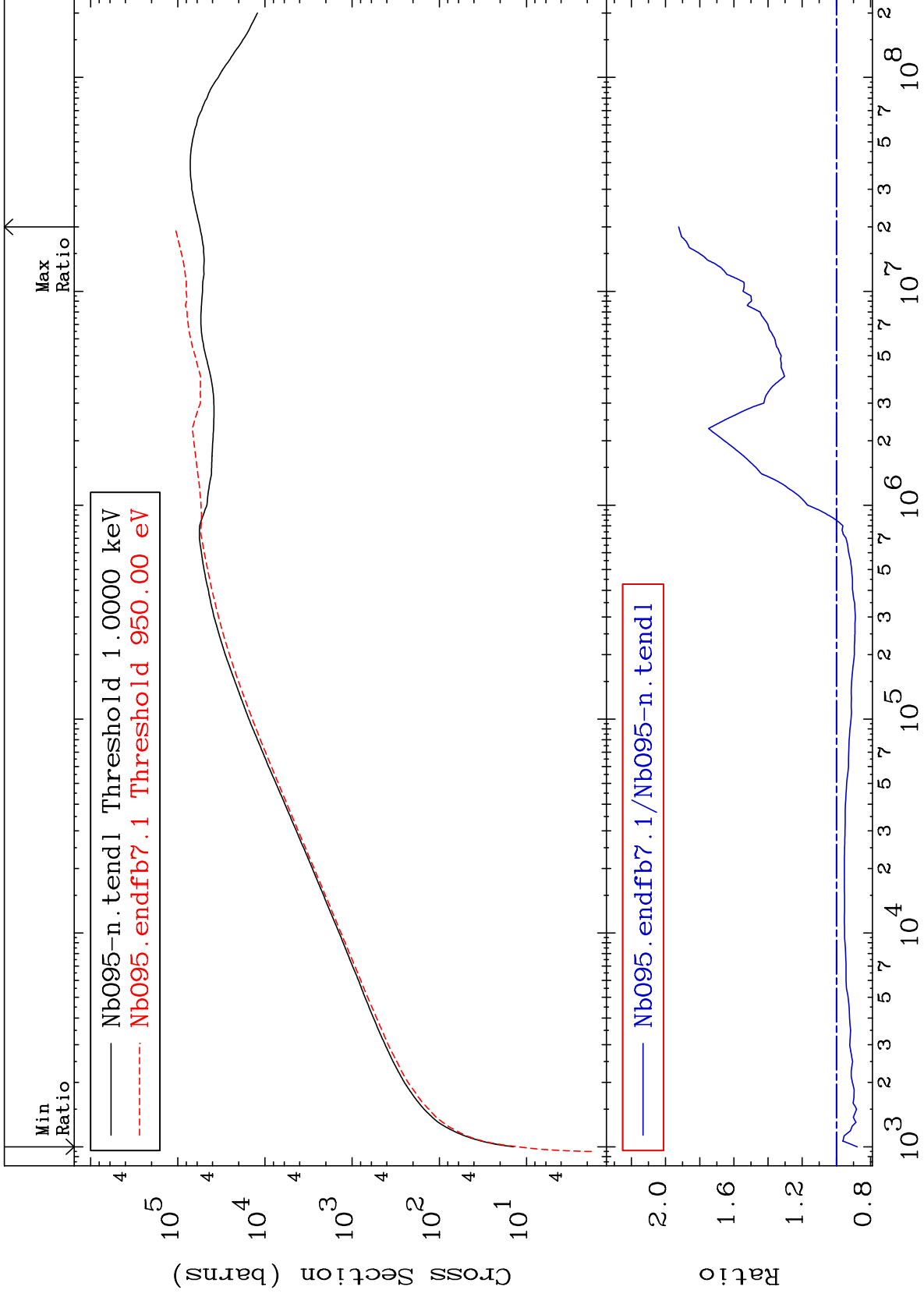
Incident Energy (eV)

41-Nb-95

MAT 4131

Dpa elastic (mt2)
Cross Section

41-Nb-95
-12.22 To 92.34 %



51

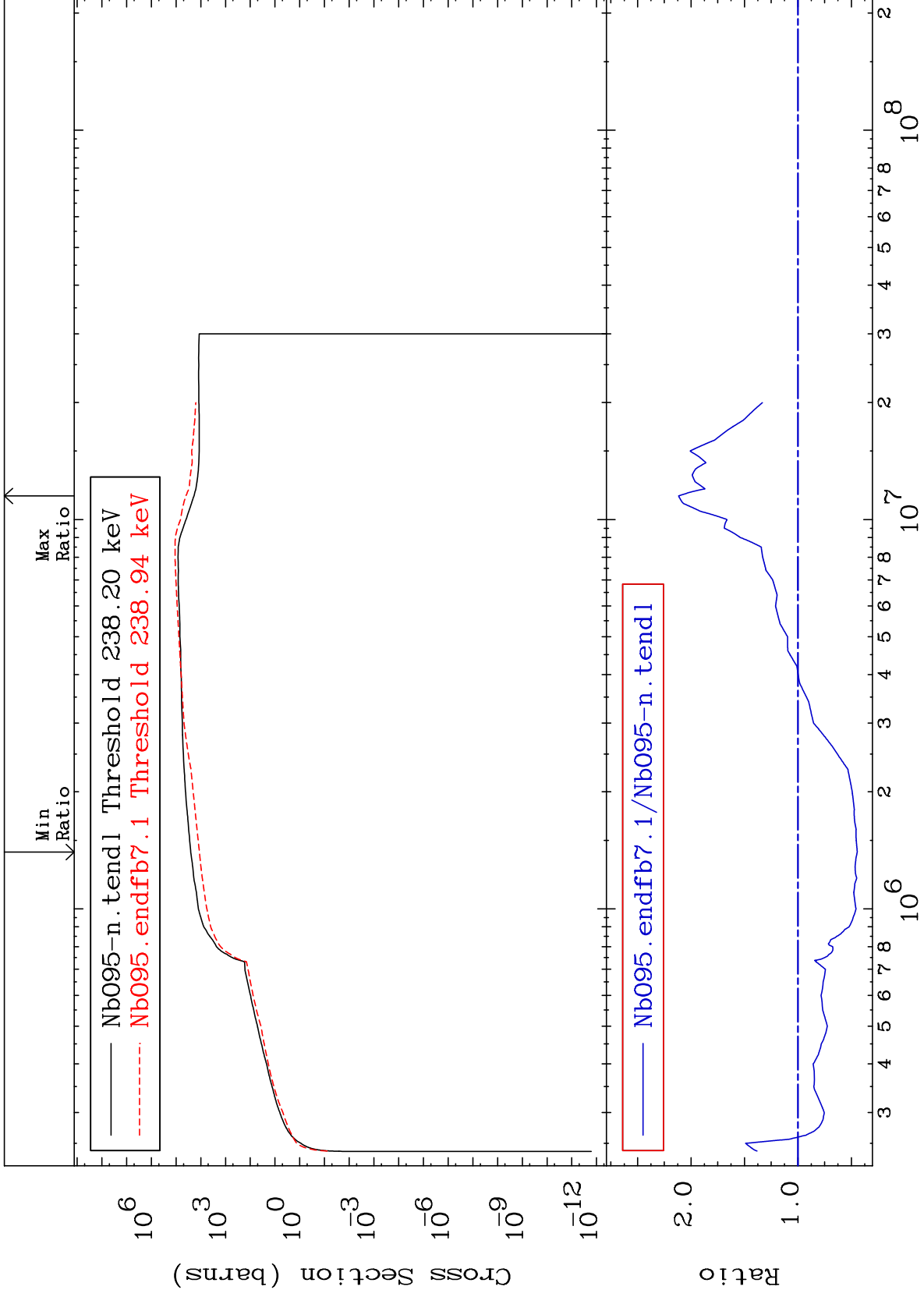
Incident Energy (eV)

41-Nb-95

MAT 4131

Dpa inelastic (mt51-91)
Cross Section

41-Nb-95
-55.54 To 111.6 %



52

41-Nb-95

41-Nb-95

MAT 4131

Dpa disappearance (mt102 -120)

41-Nb-95

-91.61 To 9999. %

