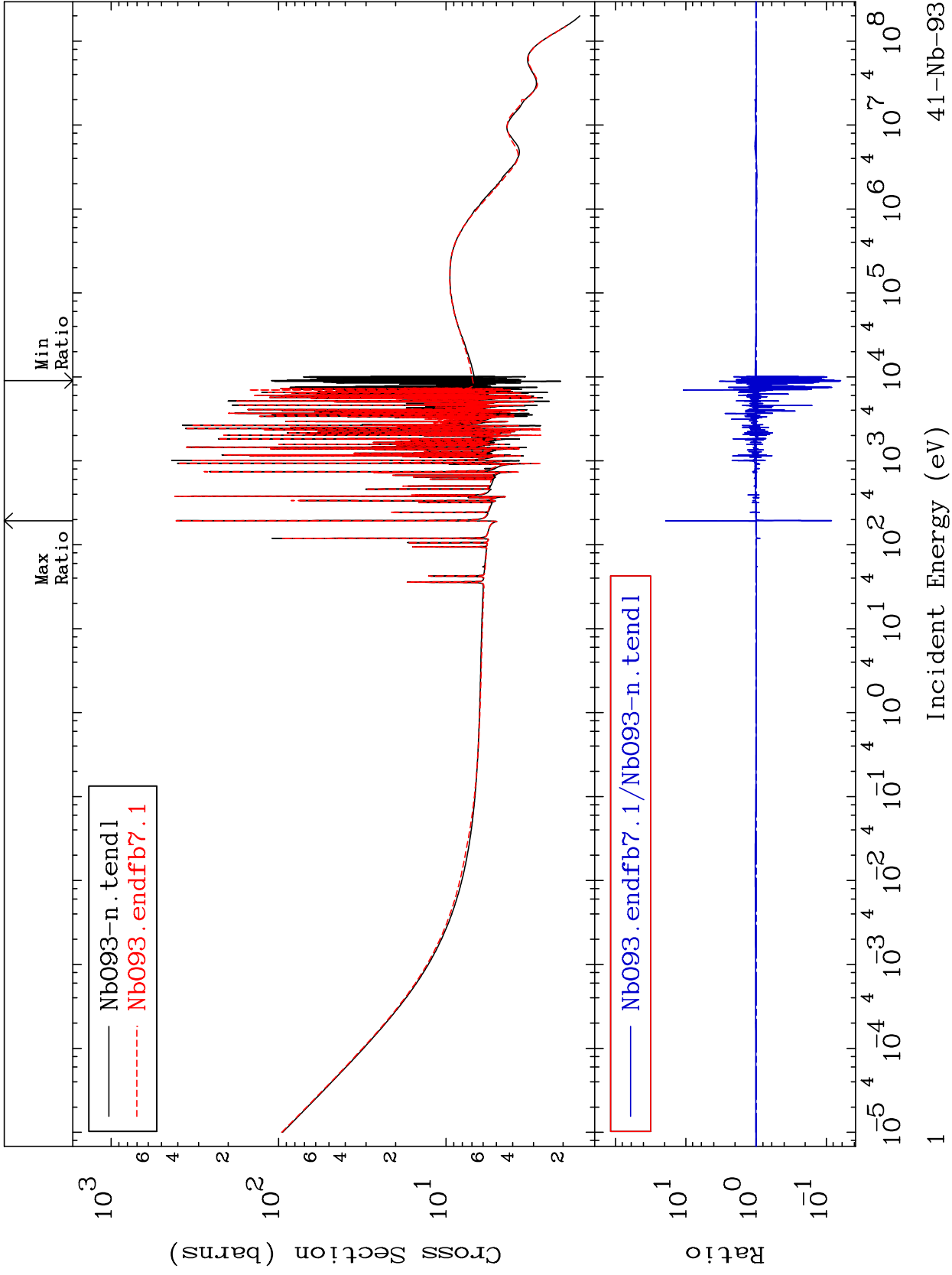


MAT 4125

Total Cross Section
41-Nb-93
-93.73 To 1844. %

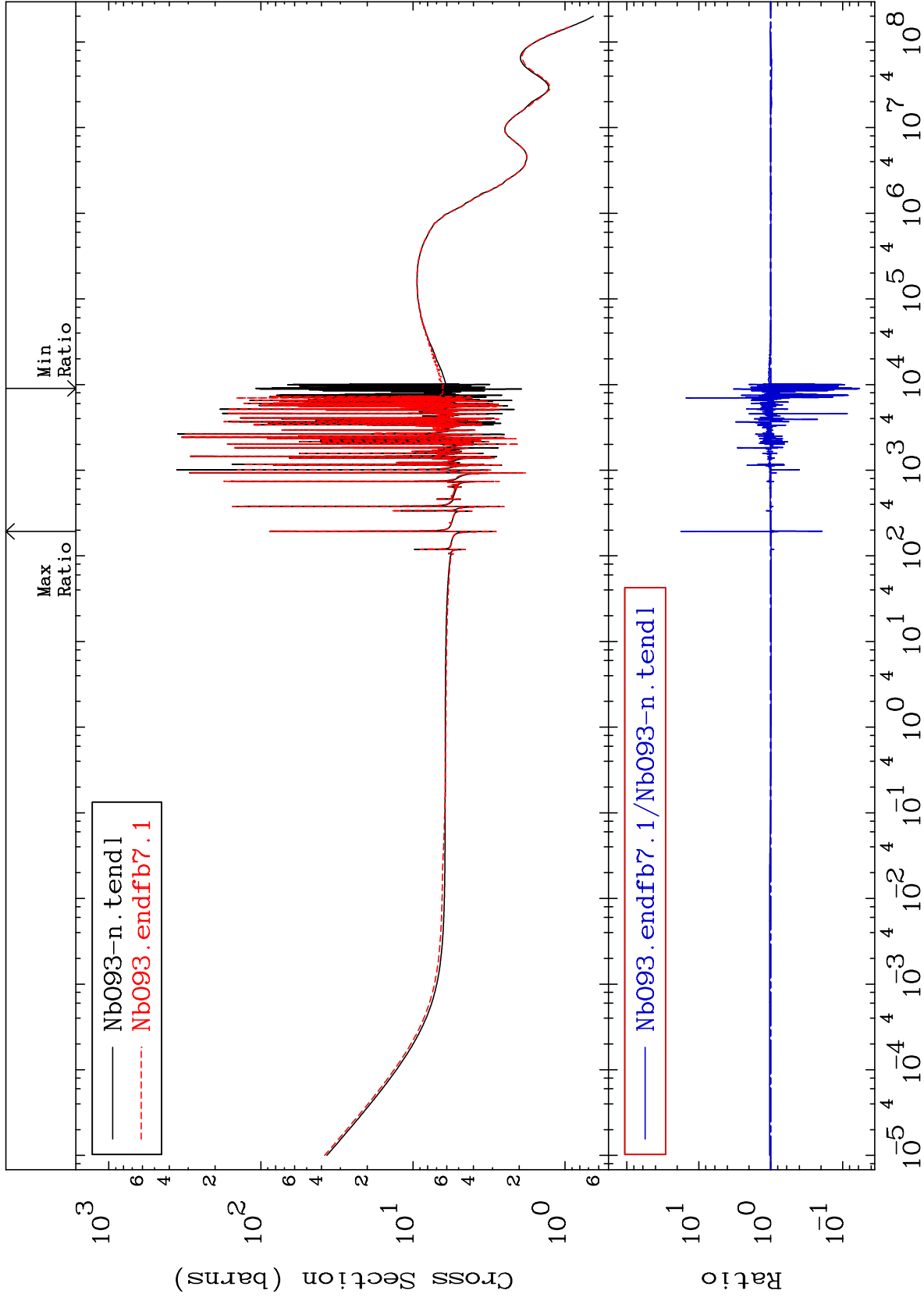


41-Nb-93

MAT 4125

Elastic
Cross Section

41-Nb-93
-94.18 To 1682. %



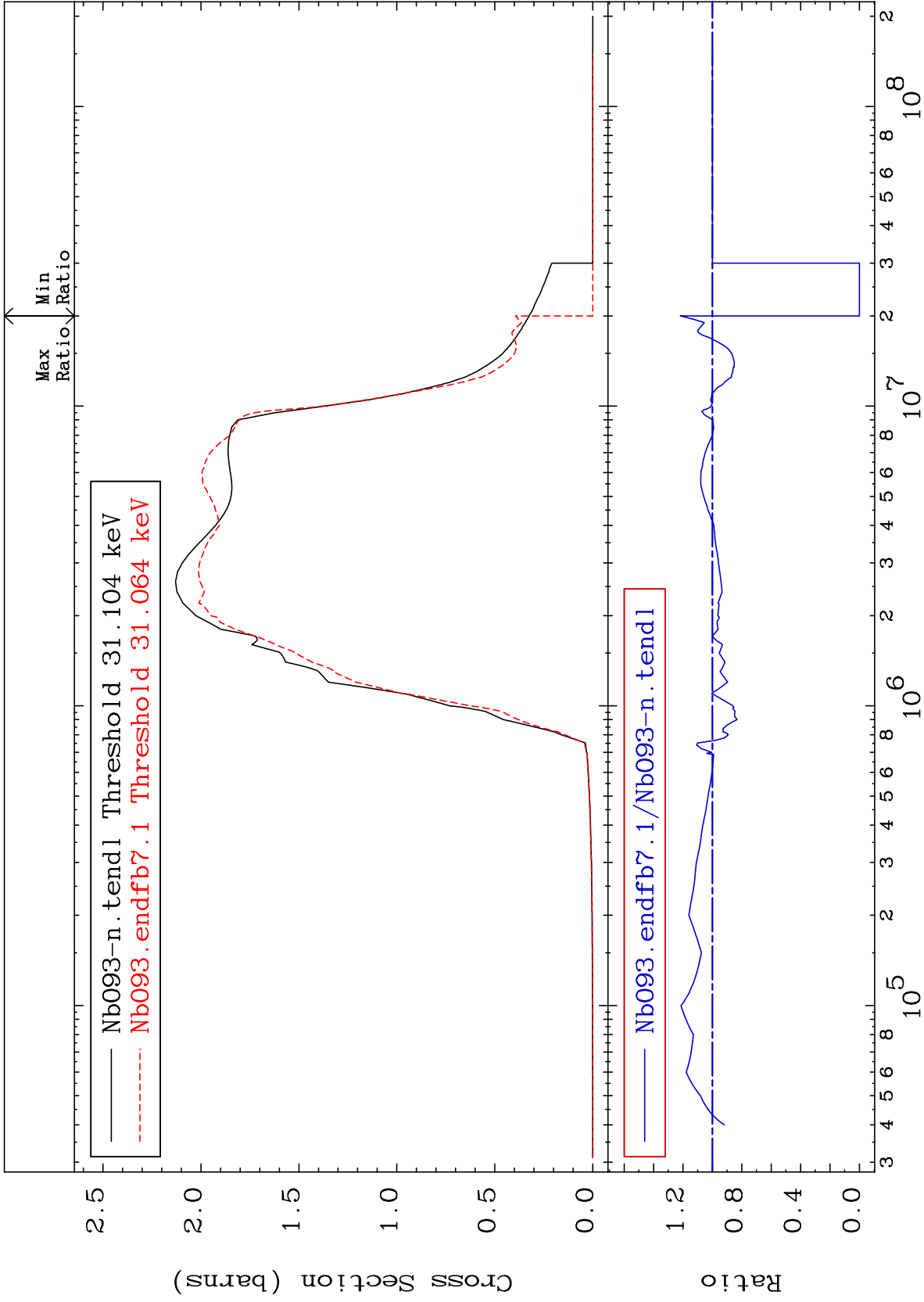
Incident Energy (eV)

41-Nb-93

MAT 4125

Inelastic
Cross Section

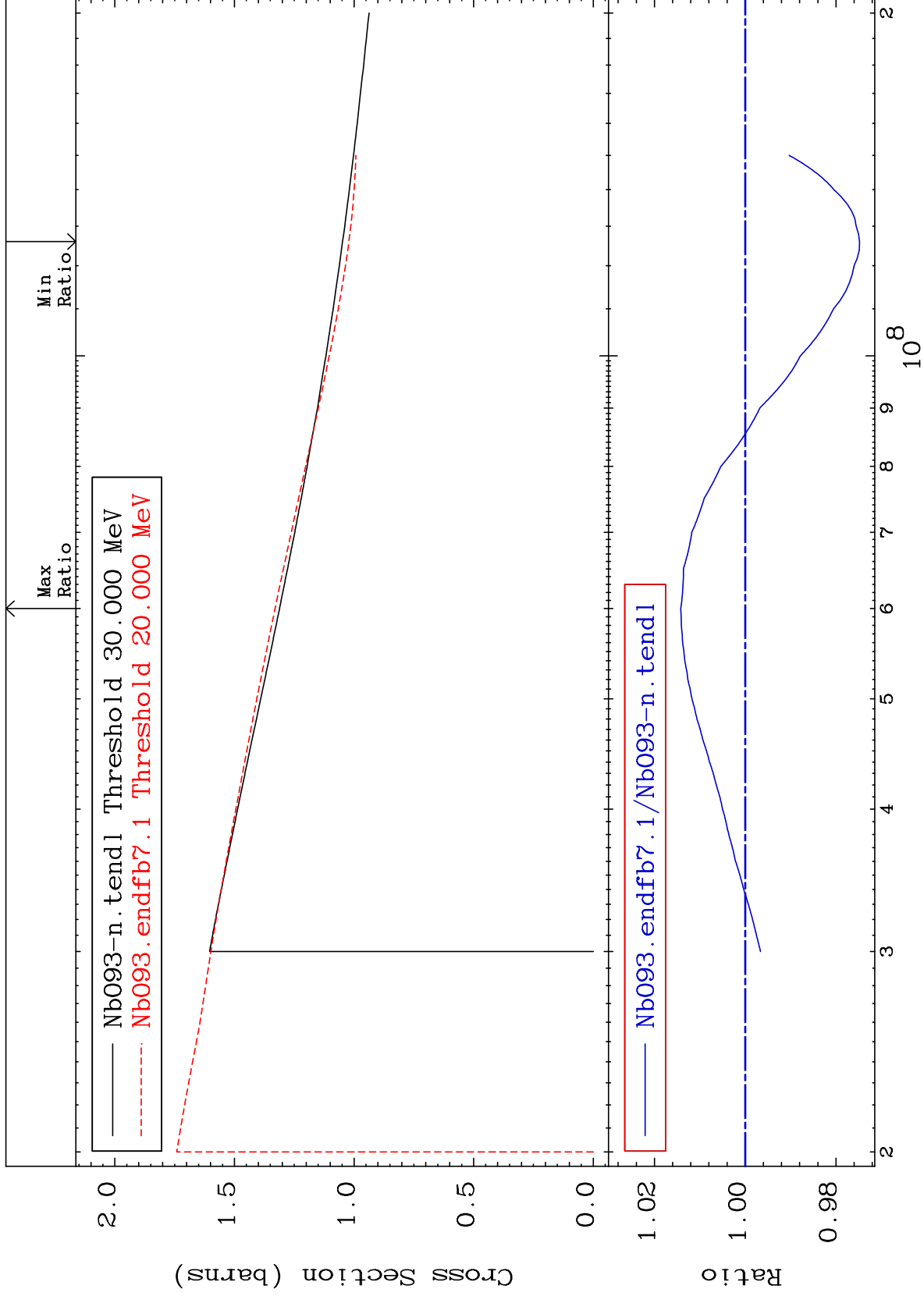
41-Nb-93
-100.0 To 21.77 %



MAT 4125

(n, remainder)
Cross Section

41-Nb-93
-2.519 To 1.420 %



Incident Energy (eV)

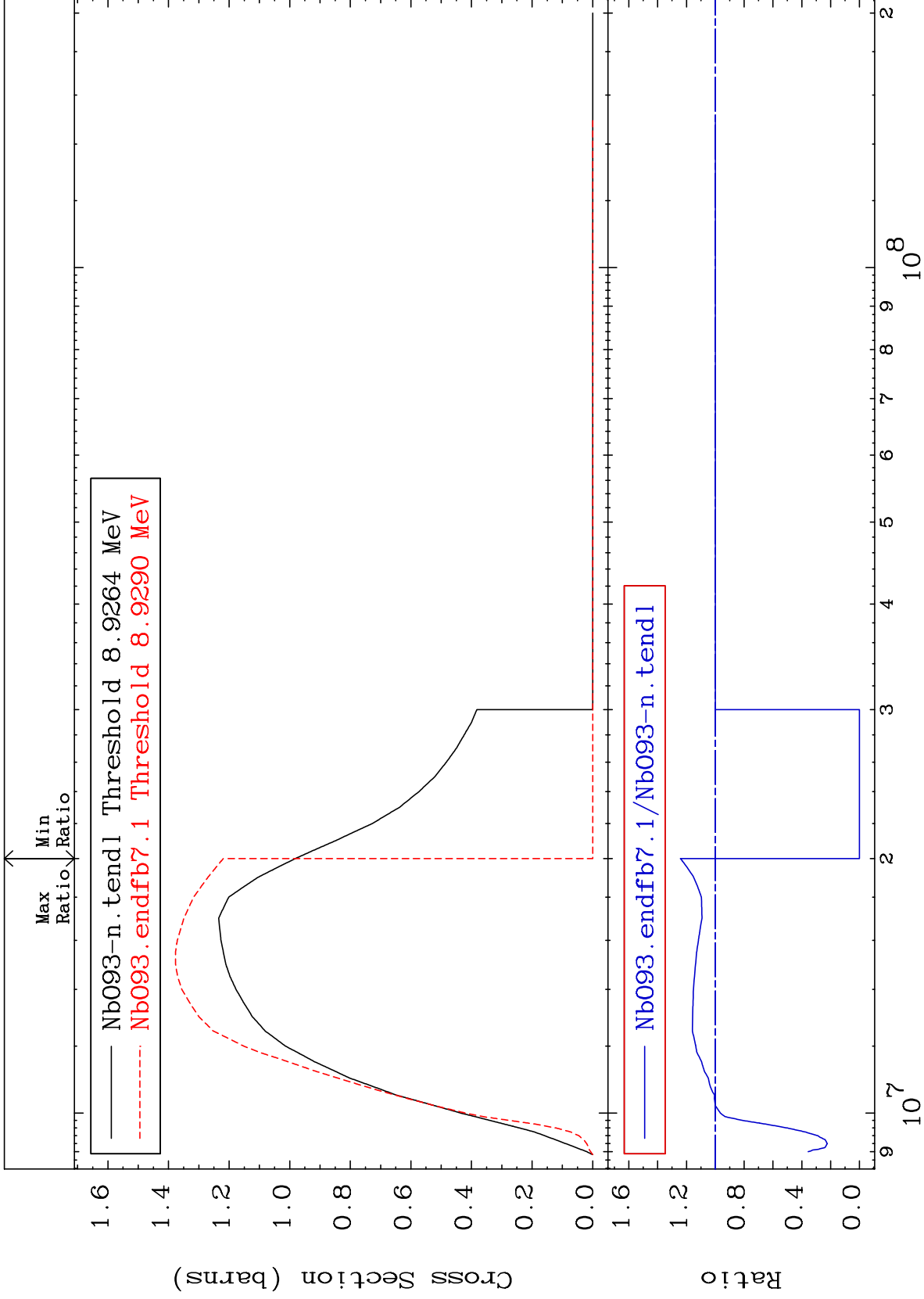
41-Nb-93

4

MAT 4125

(n,2n)
Cross Section

41-Nb-93
-100.0 To 24.24 %



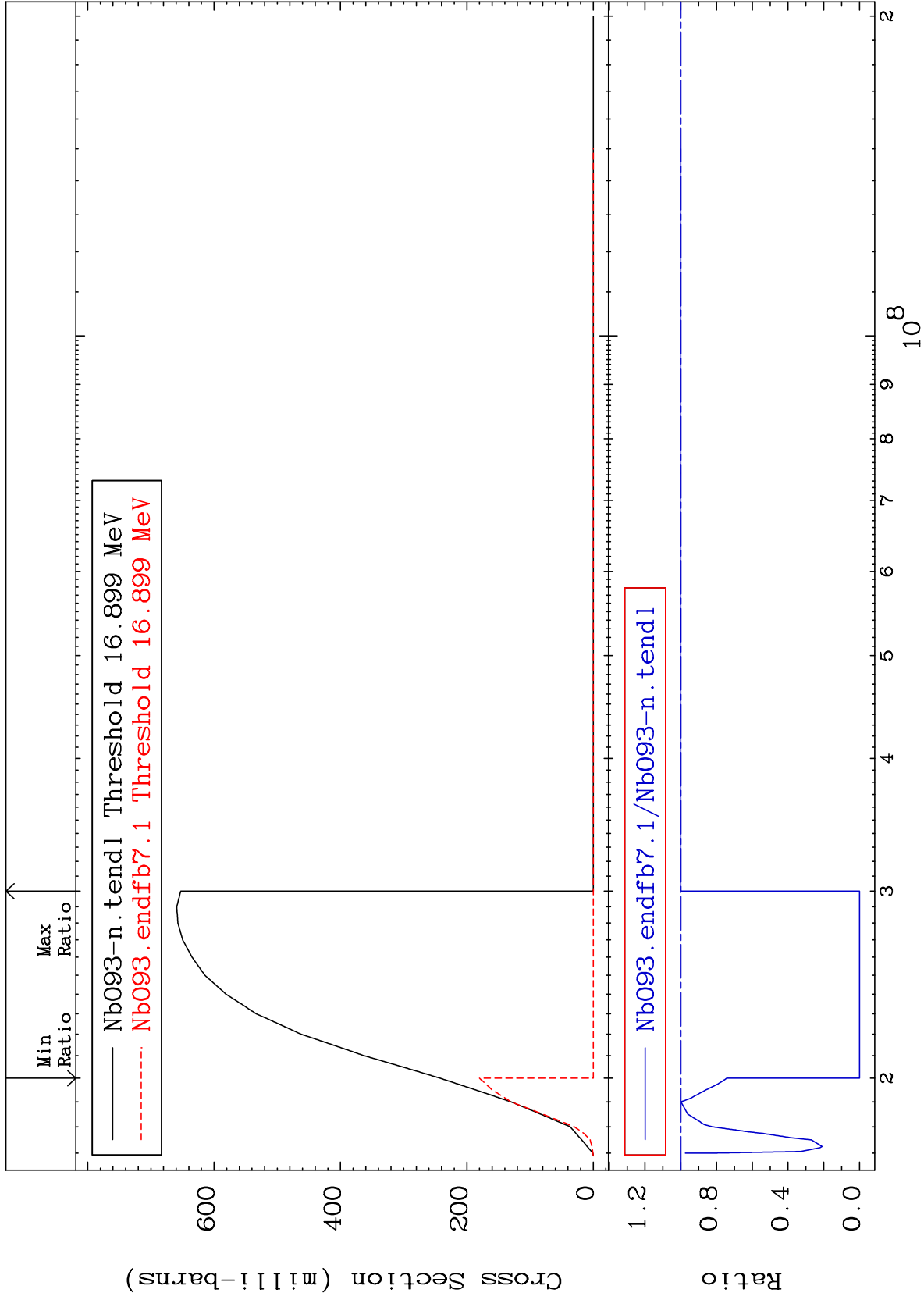
5

Incident Energy (eV)

41-Nb-93

Cross Section

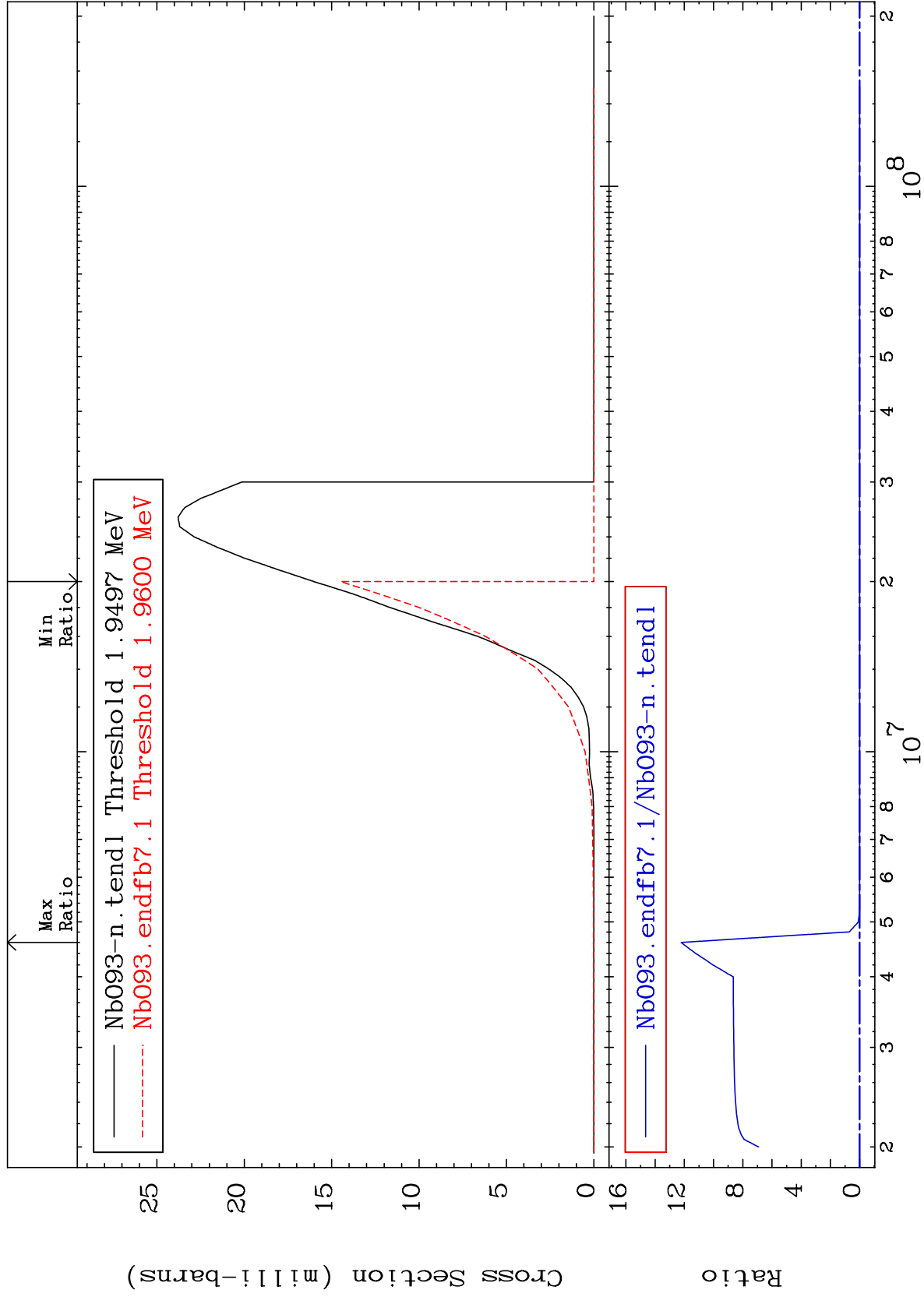
-100.0 To 0.000 %



MAT 4125

41-Nb-93

(n, n') α
Cross Section
-100.0 To 9999. %



7

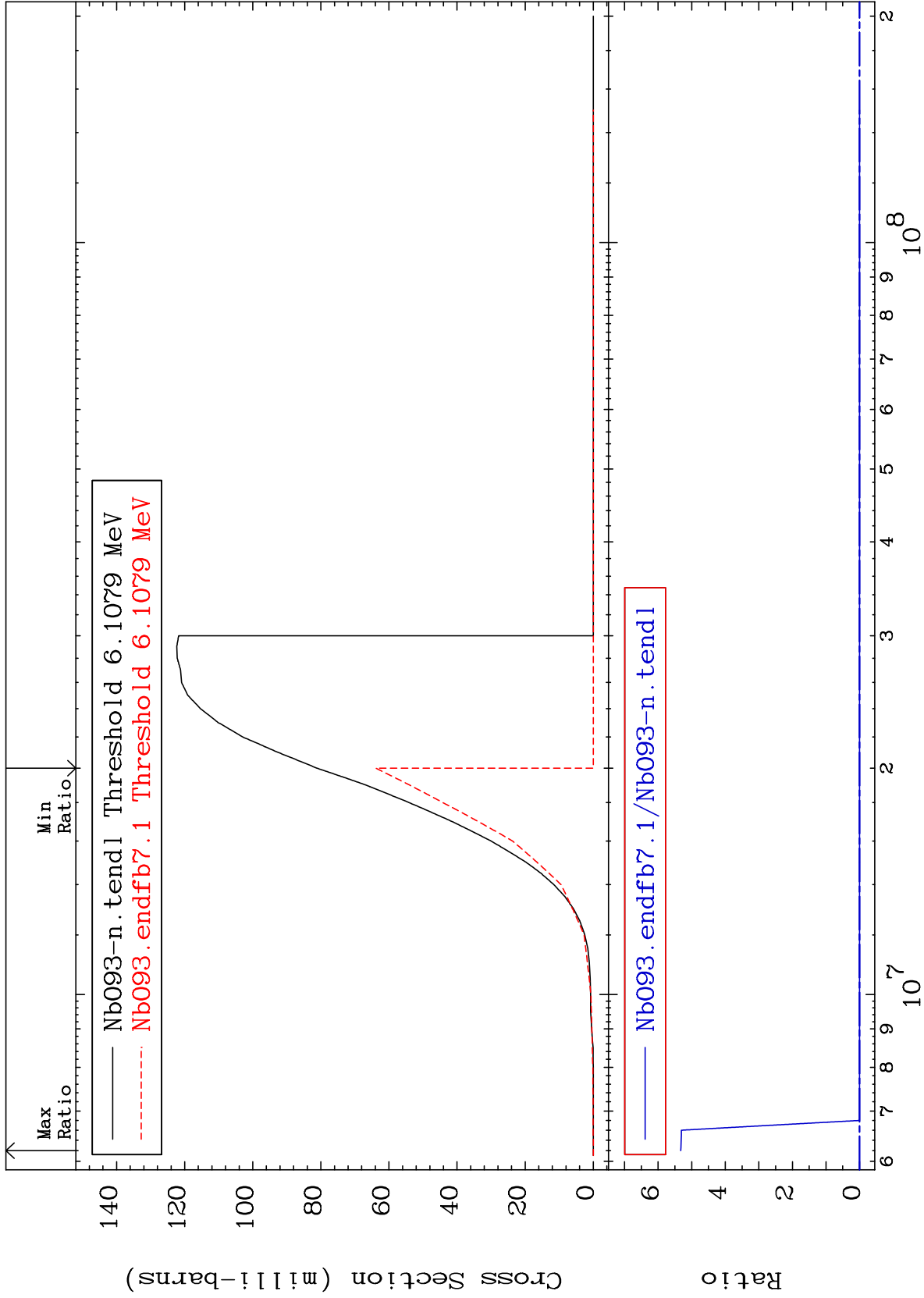
Incident Energy (eV)

41-Nb-93

MAT 4125

(n,n') p
Cross Section

41-Nb-93
-100.0 To 9999. %



8

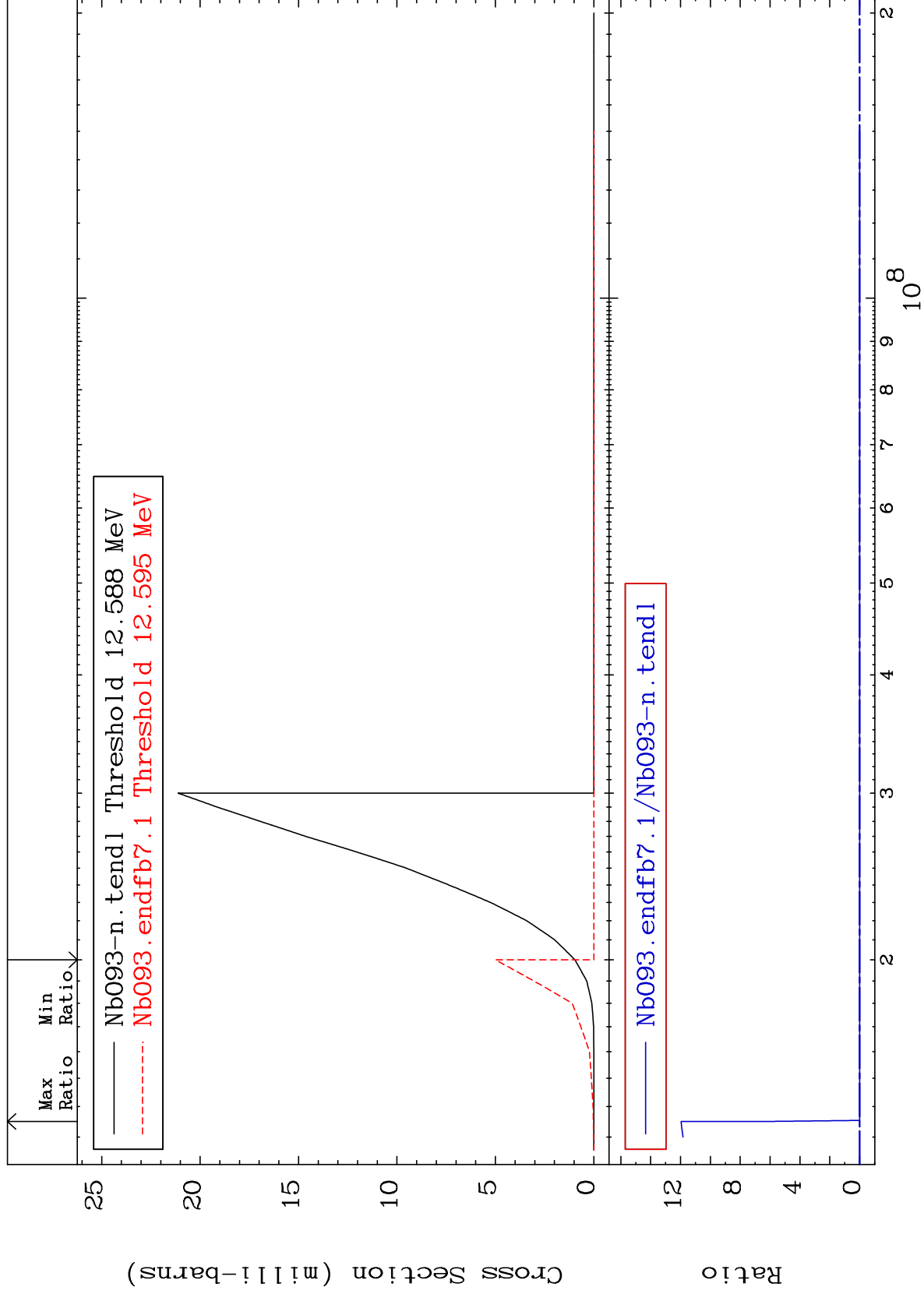
Incident Energy (eV)

41-Nb-93

MAT 4125

(n,n') d
Cross Section

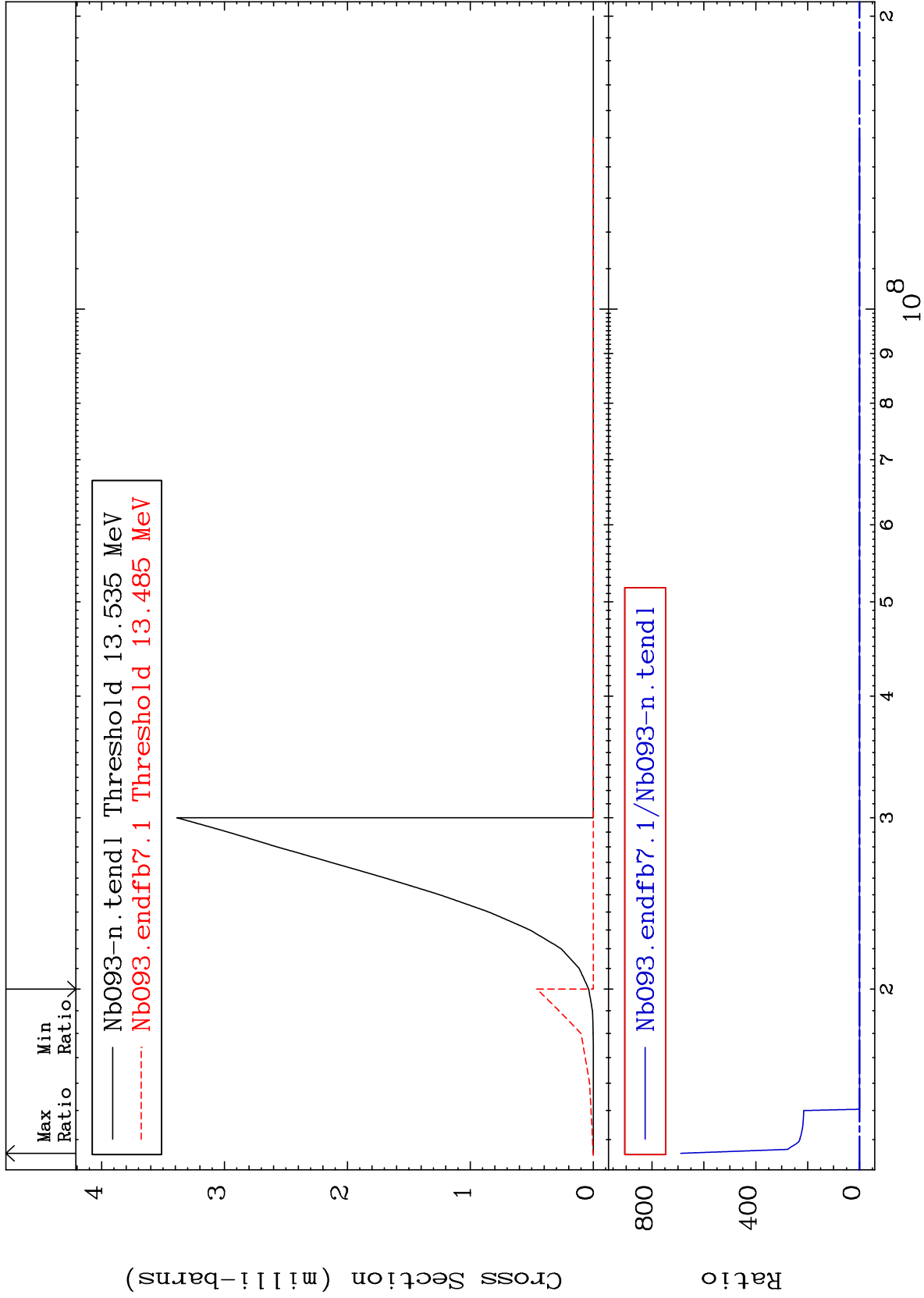
41-Nb-93
-100.0 To 9999. %



MAT 4125

(n,n') t
Cross Section

41-Nb-93
-100.0 To 9999. %



10

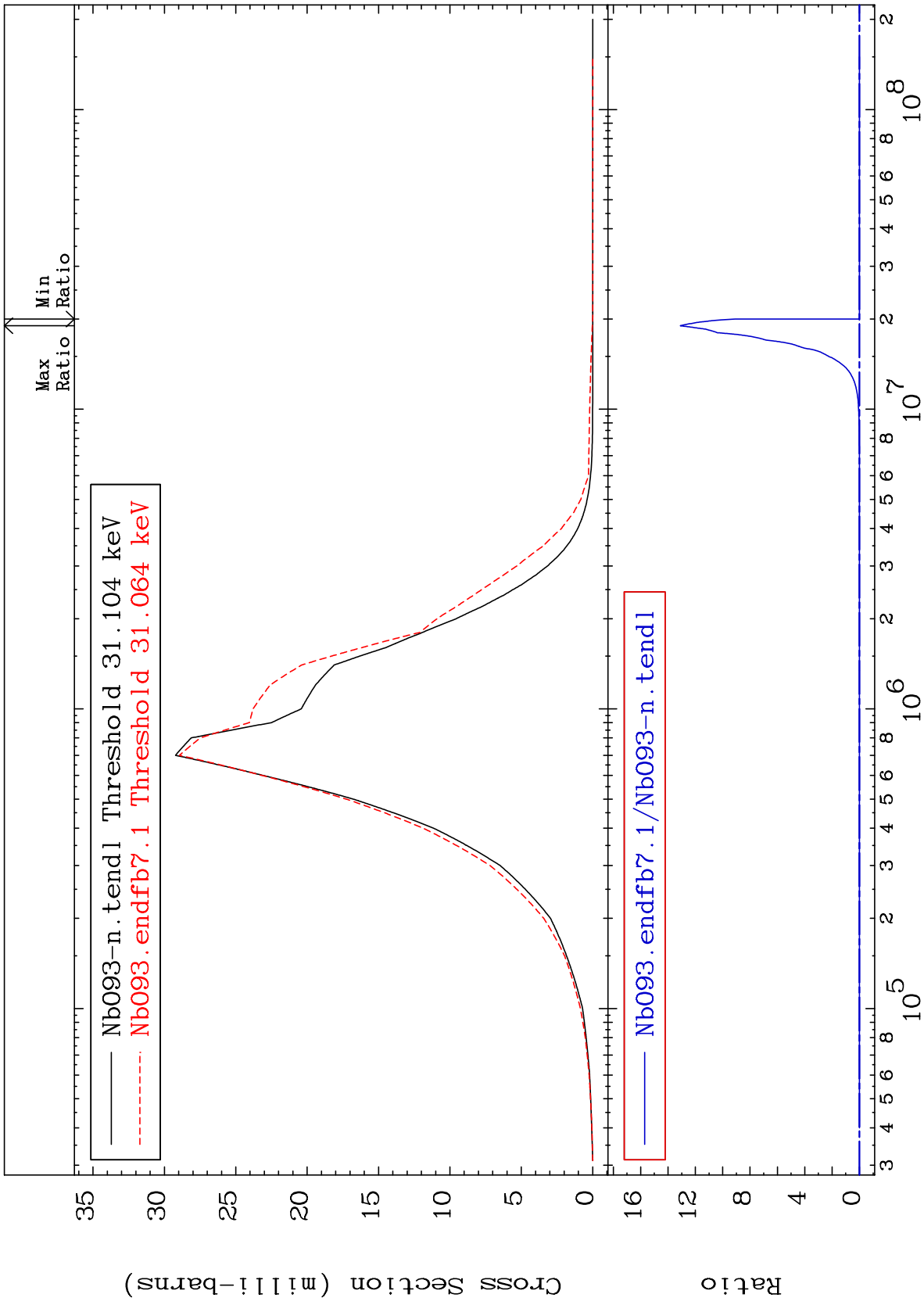
Incident Energy (eV)

41-Nb-93

MAT 4125

30.77 keV (n,n') Level
Cross Section

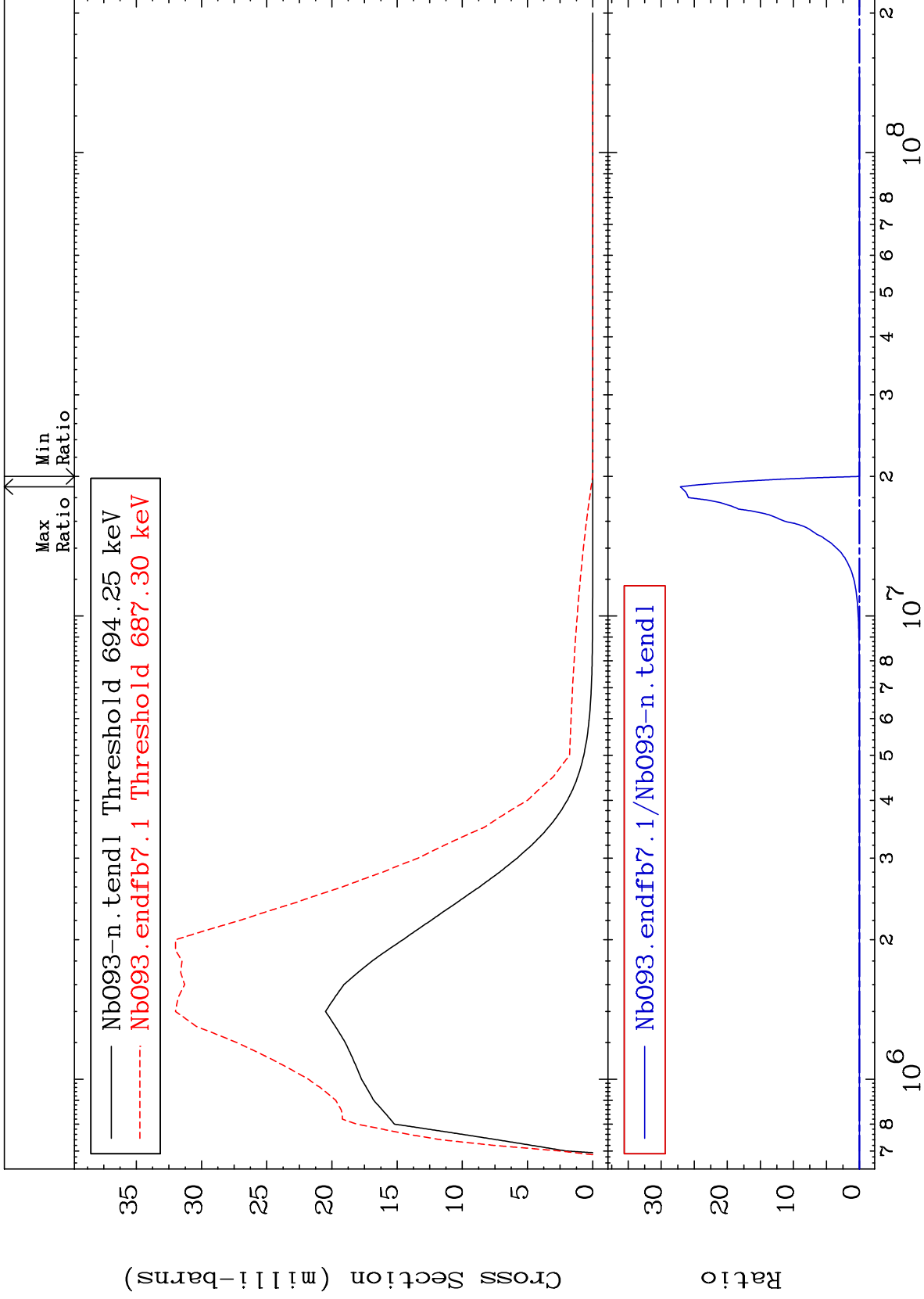
41-Nb-93
-100.0 To 9999. %



MAT 4125

686.8 keV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 9999. %



12

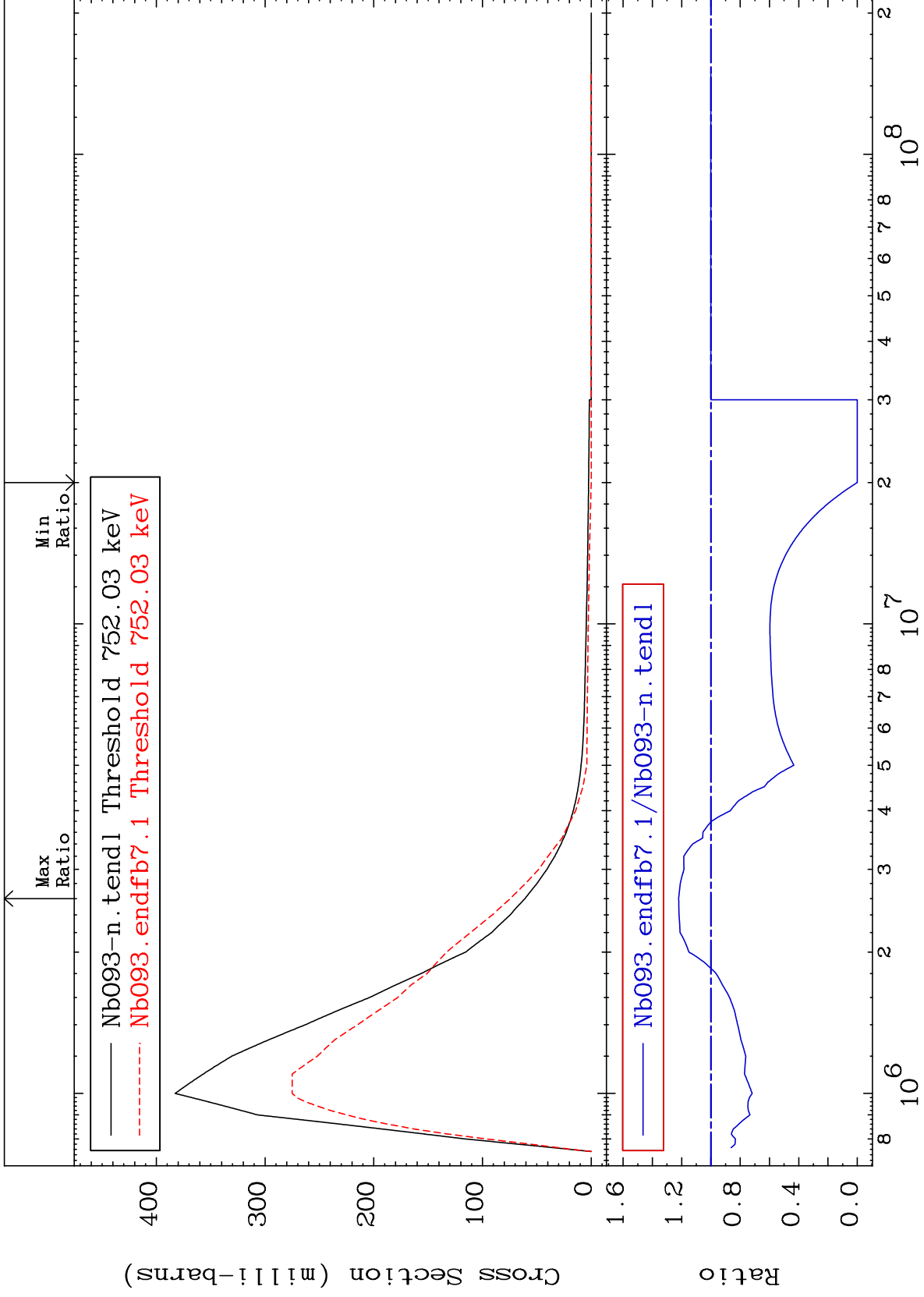
Incident Energy (eV)

41-Nb-93

MAT 4125

744.0 keV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 22.07 %



13

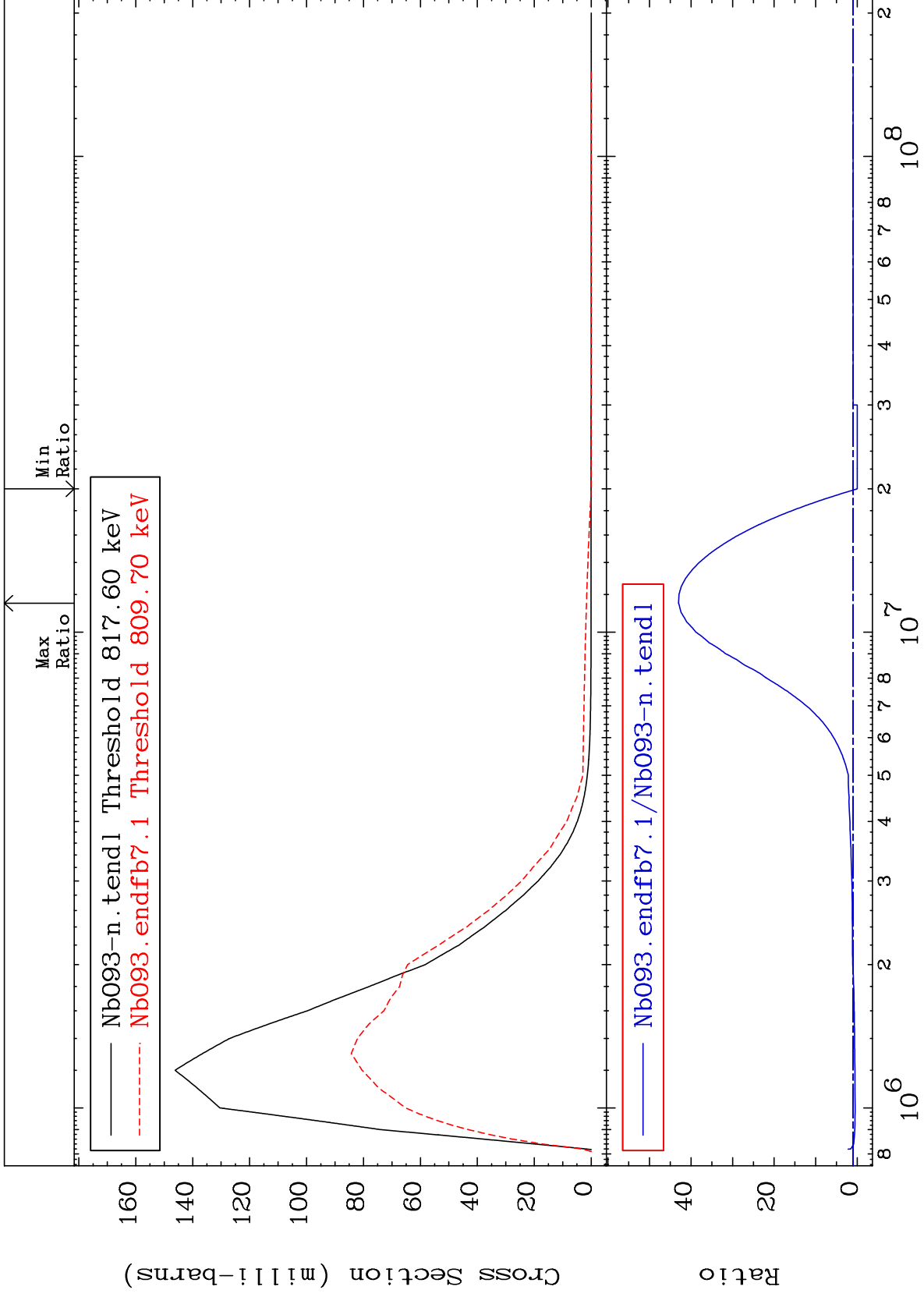
Incident Energy (eV)

41-Nb-93

MAT 4125

808.8 keV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 4199. %



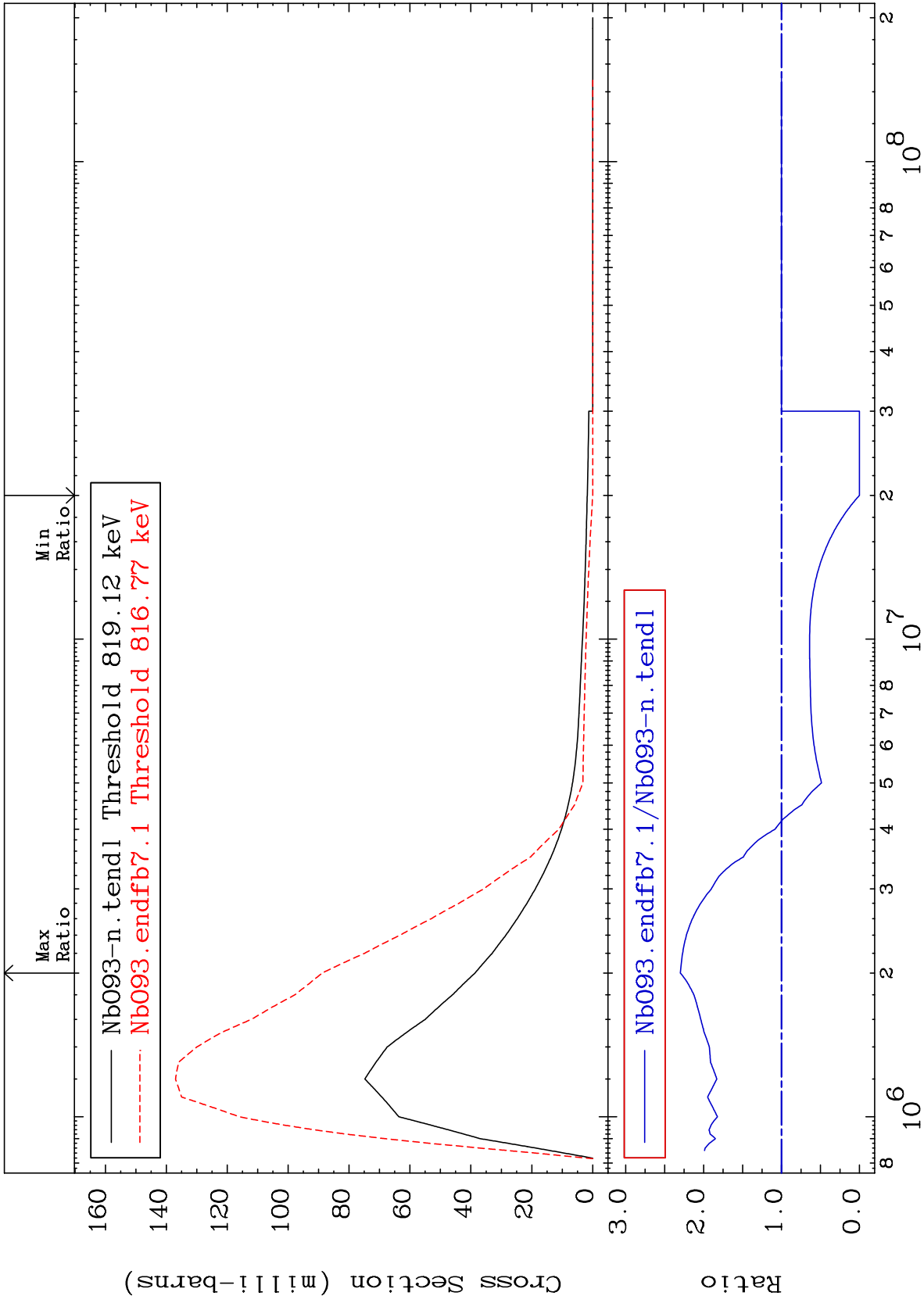
14

41-Nb-93

MAT 4125

810.3 keV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 129.8 %



15

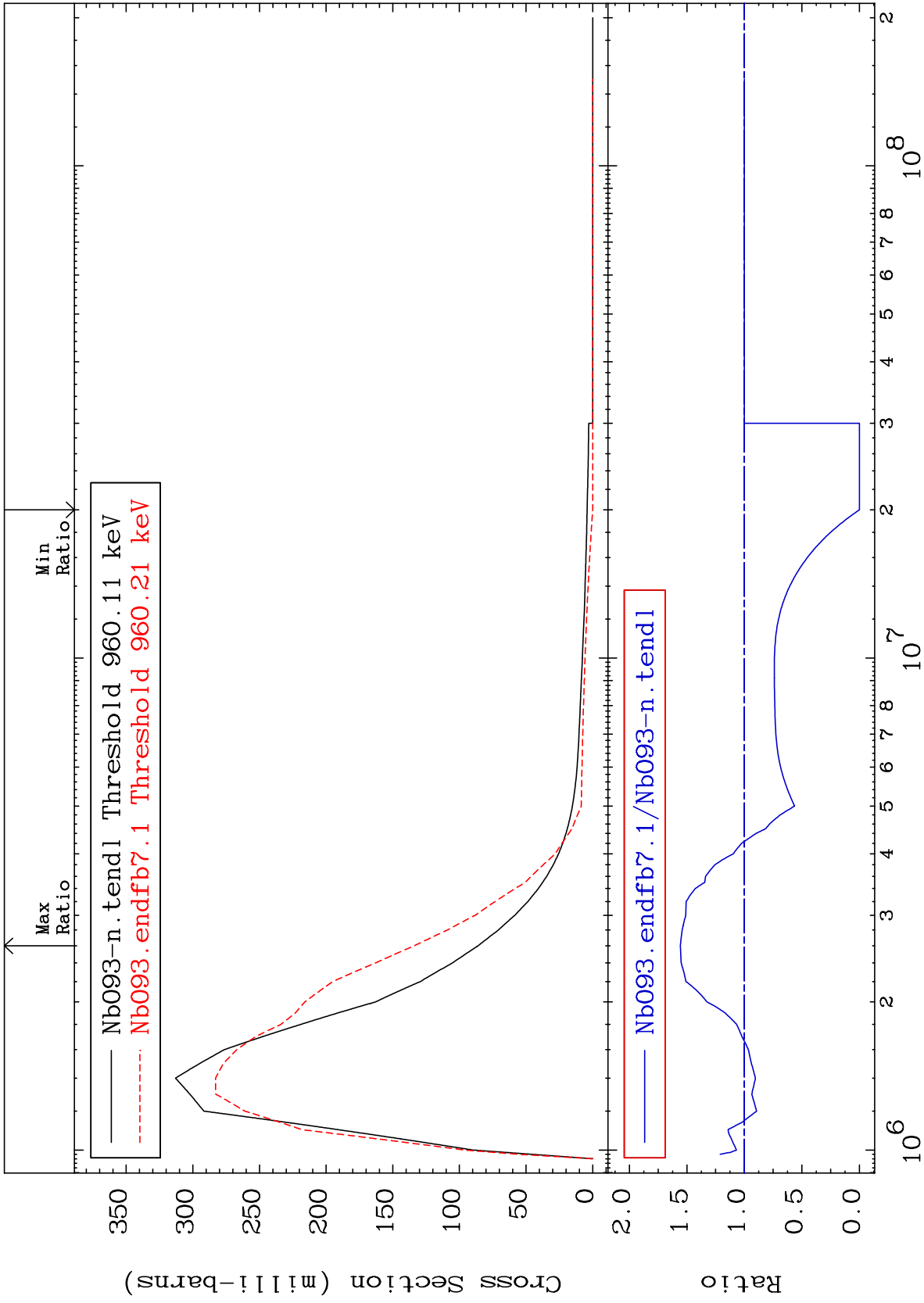
Incident Energy (eV)

41-Nb-93

MAT 4125

949.8 keV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 55.69 %



16

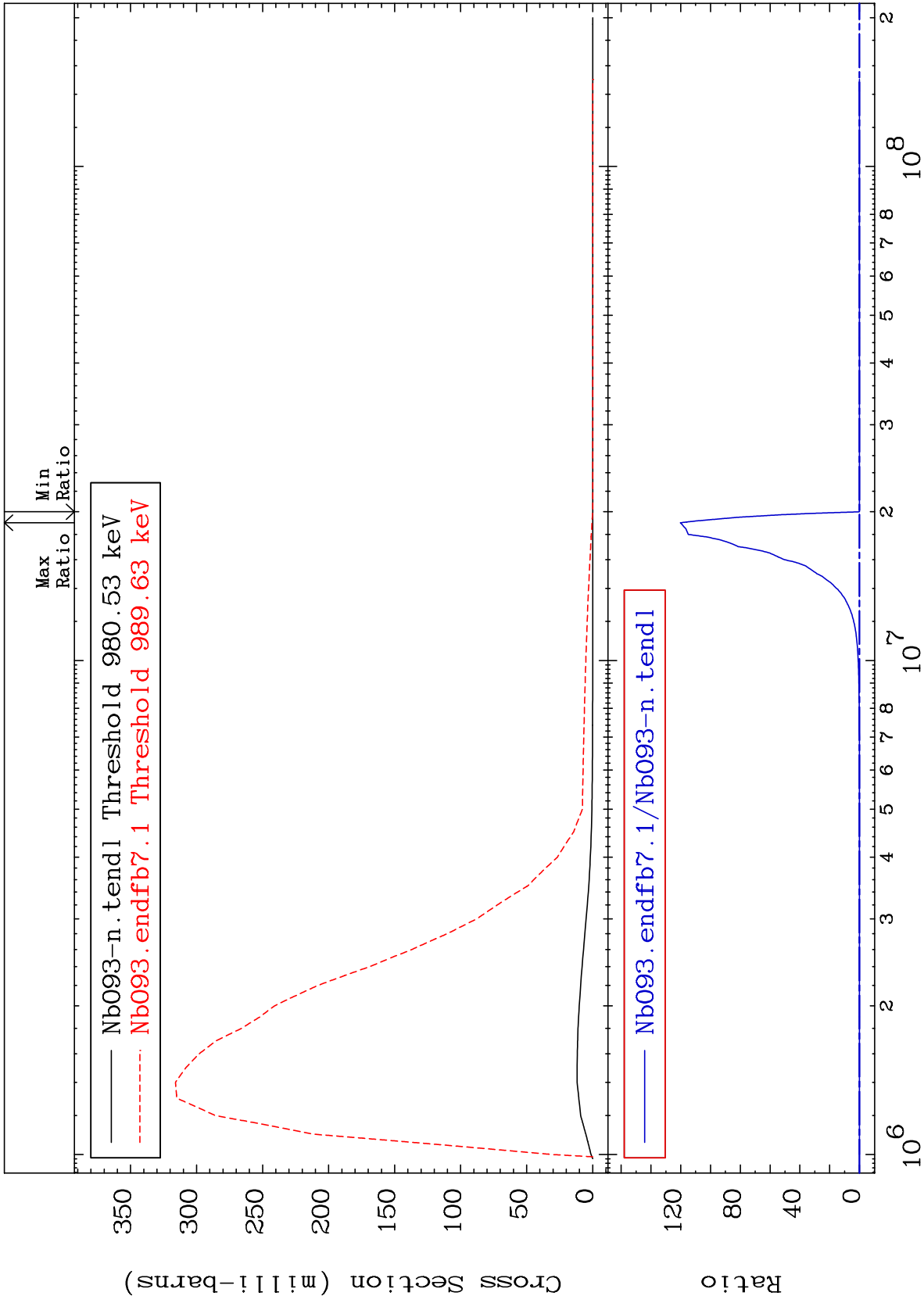
Incident Energy (eV)

41-Nb-93

MAT 4125

970.0 keV (n,n') Level
Cross Section

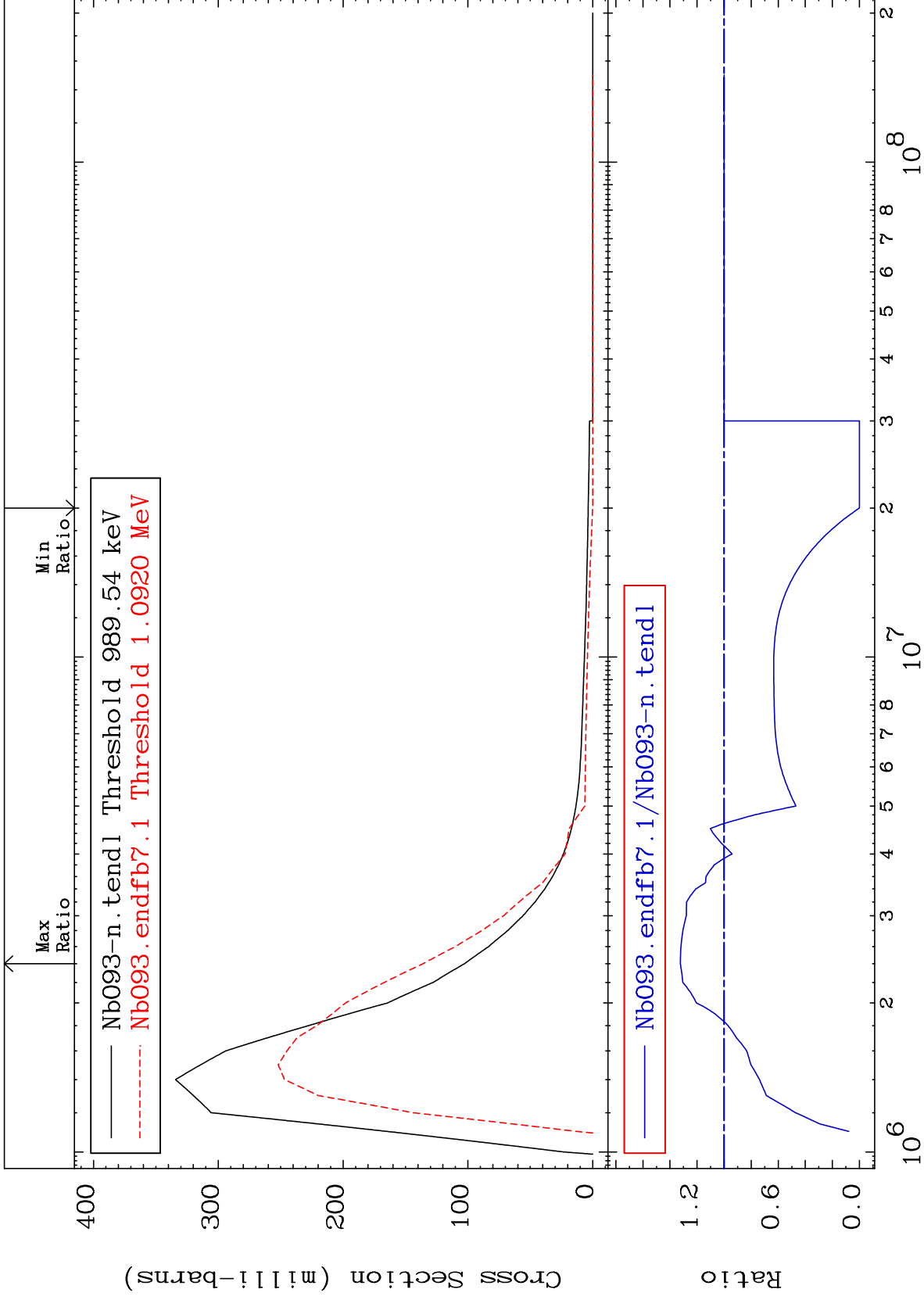
41-Nb-93
-100.0 To 9999. %



MAT 4125

978.9 keV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 32.33 %



18

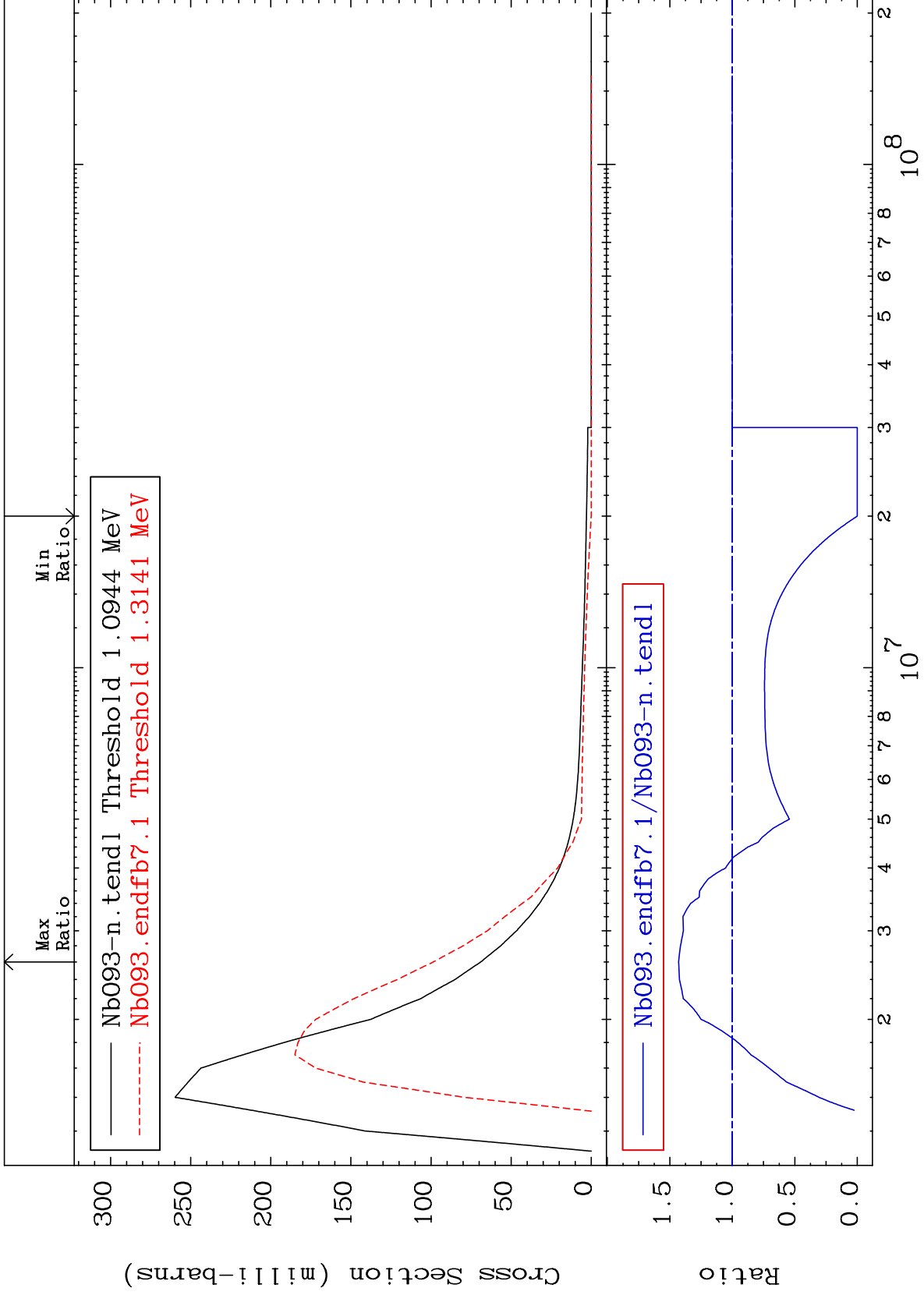
Incident Energy (eV)

41-Nb-93

MAT 4125

1.083 MeV (n,n') Level
Cross Section

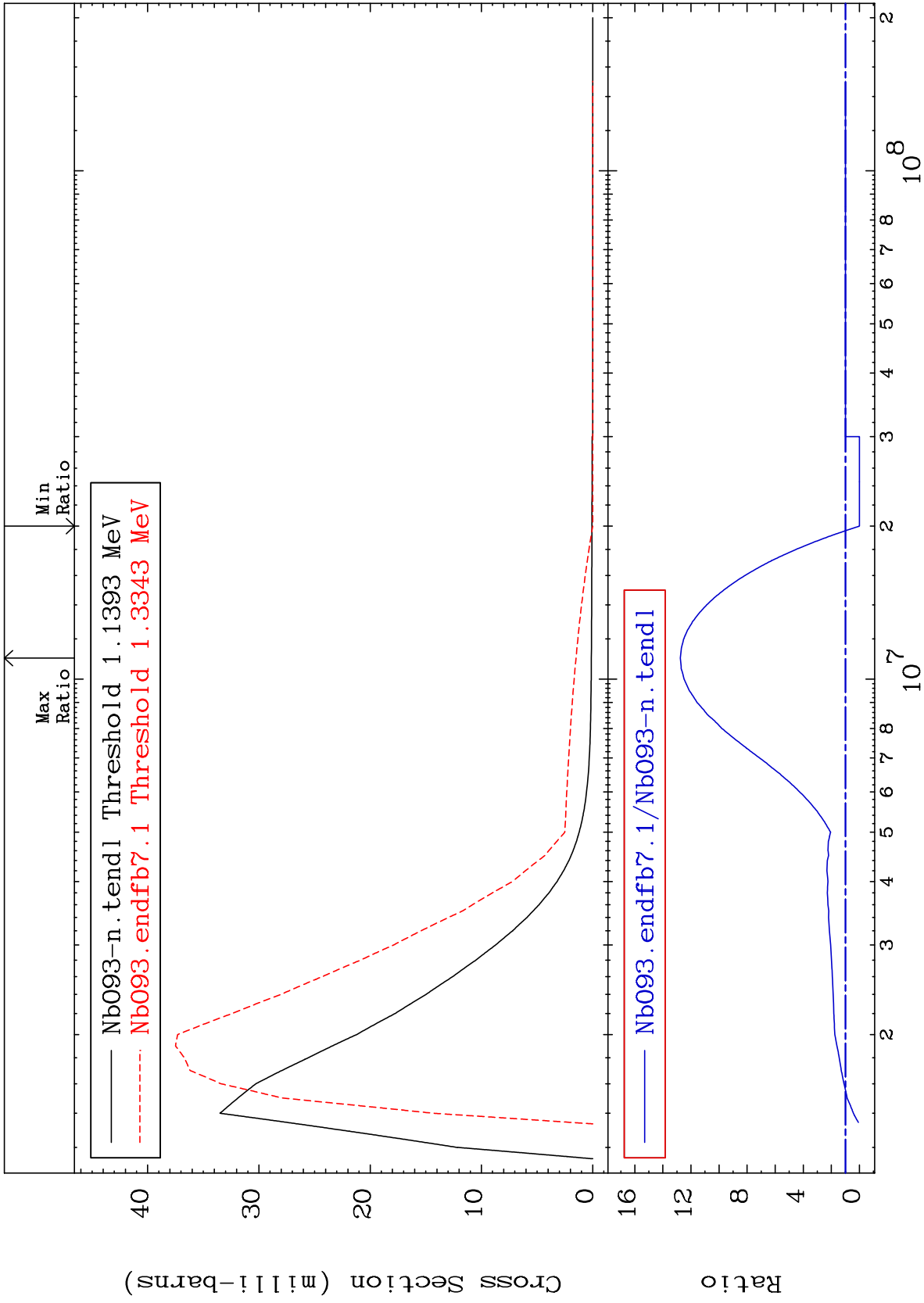
41-Nb-93
-100.0 To 42.94 %



MAT 4125

1.127 MeV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 1176. %



20

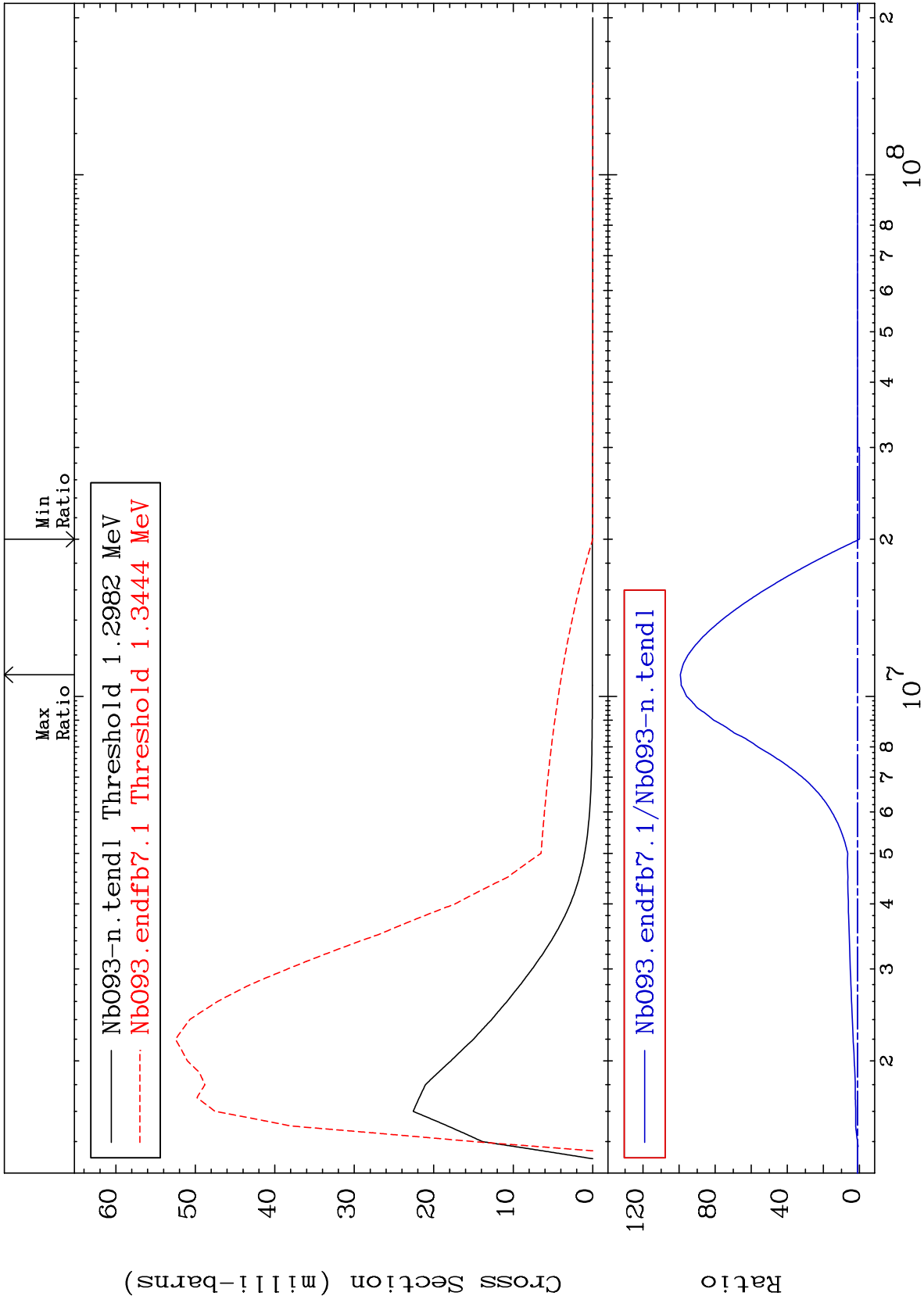
41-Nb-93

41-Nb-93

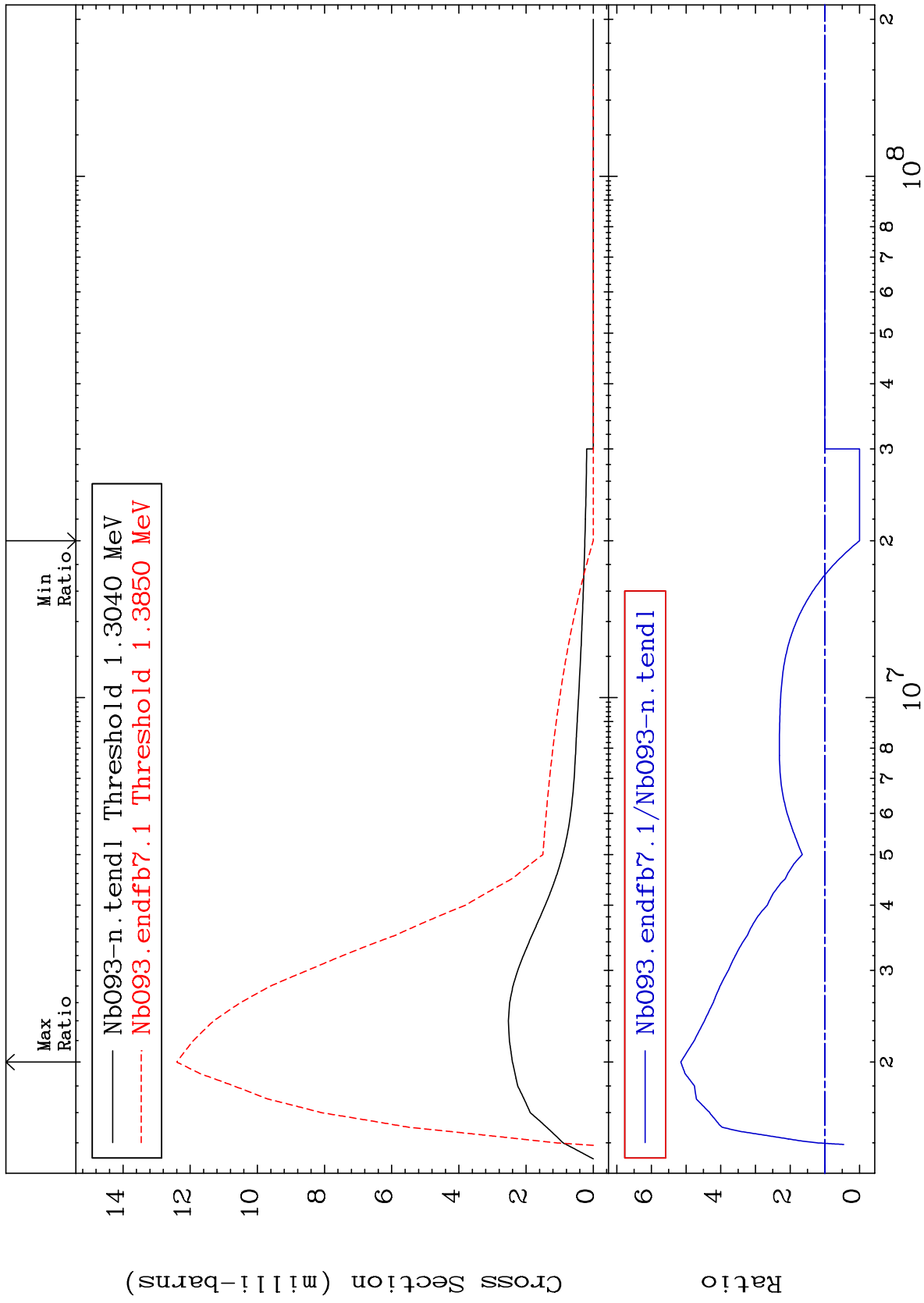
MAT 4125

1.284 MeV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 9832. %



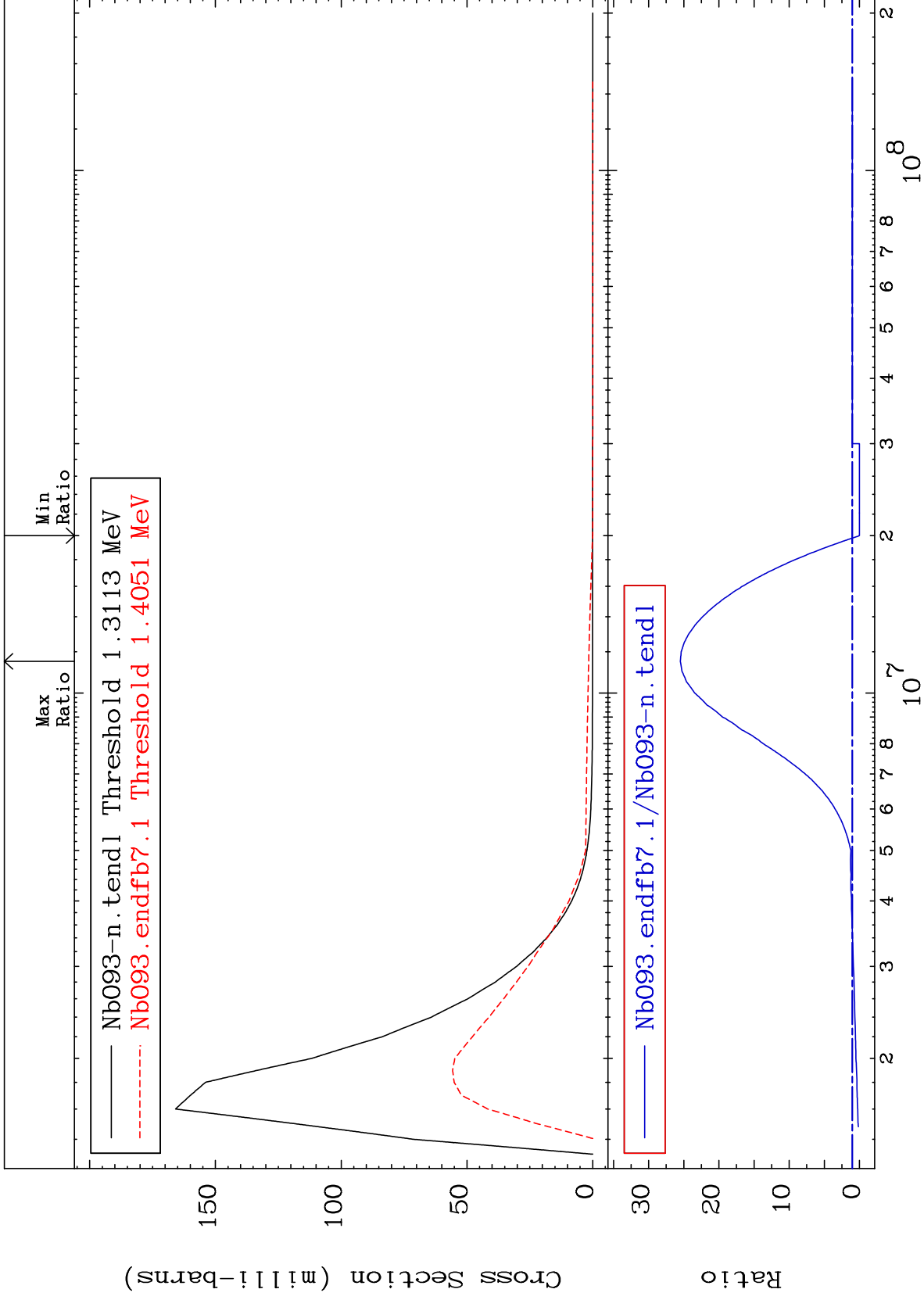
MAT 4125 1.290 MeV (n,n') Level 41-Nb-93
 Cross Section -100.0 To 415.3 %



MAT 4125

1.297 MeV (n,n') Level
Cross Section

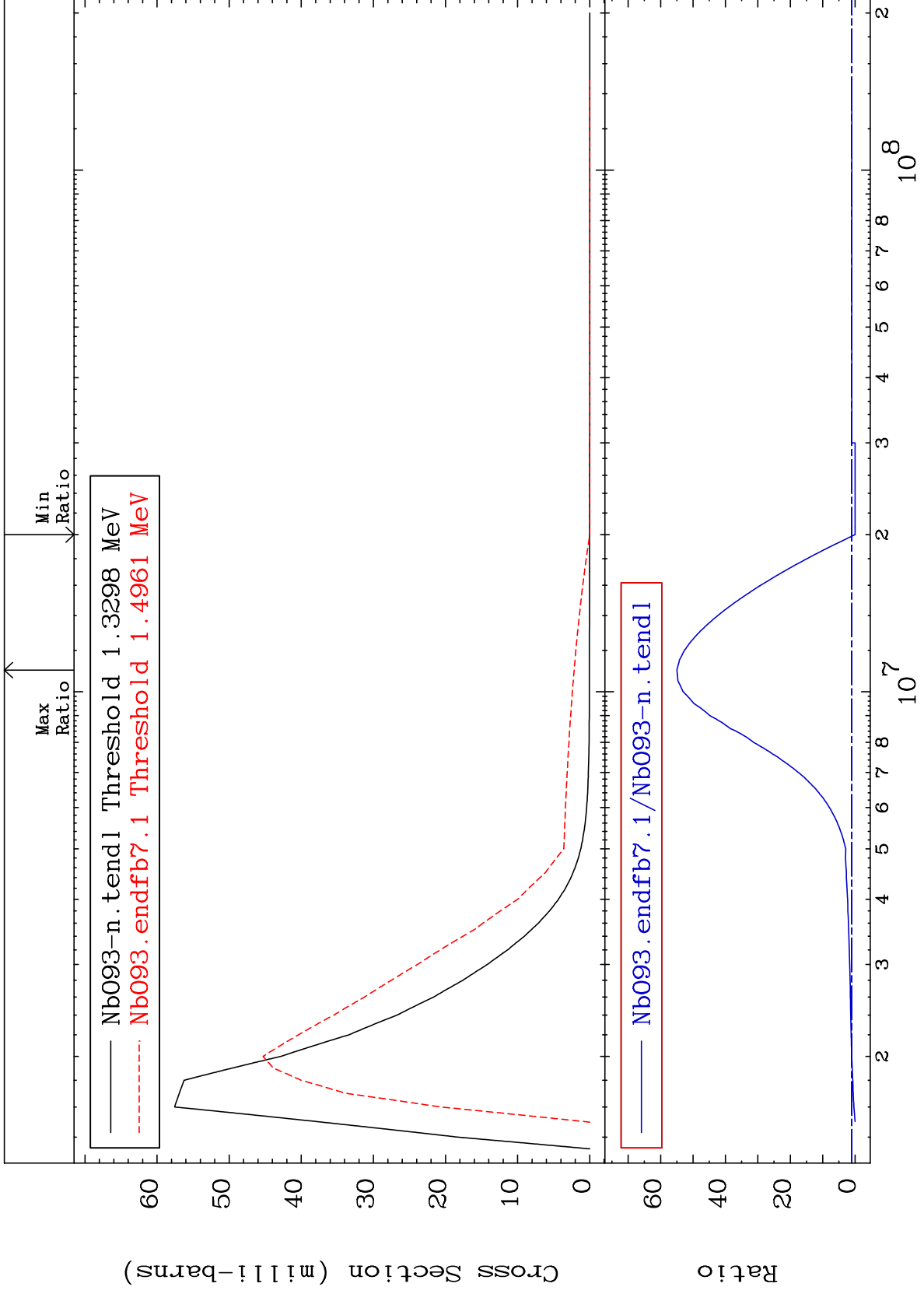
41-Nb-93
-100.0 To 2448. %



MAT 4125

1.316 MeV (n,n') Level
Cross Section

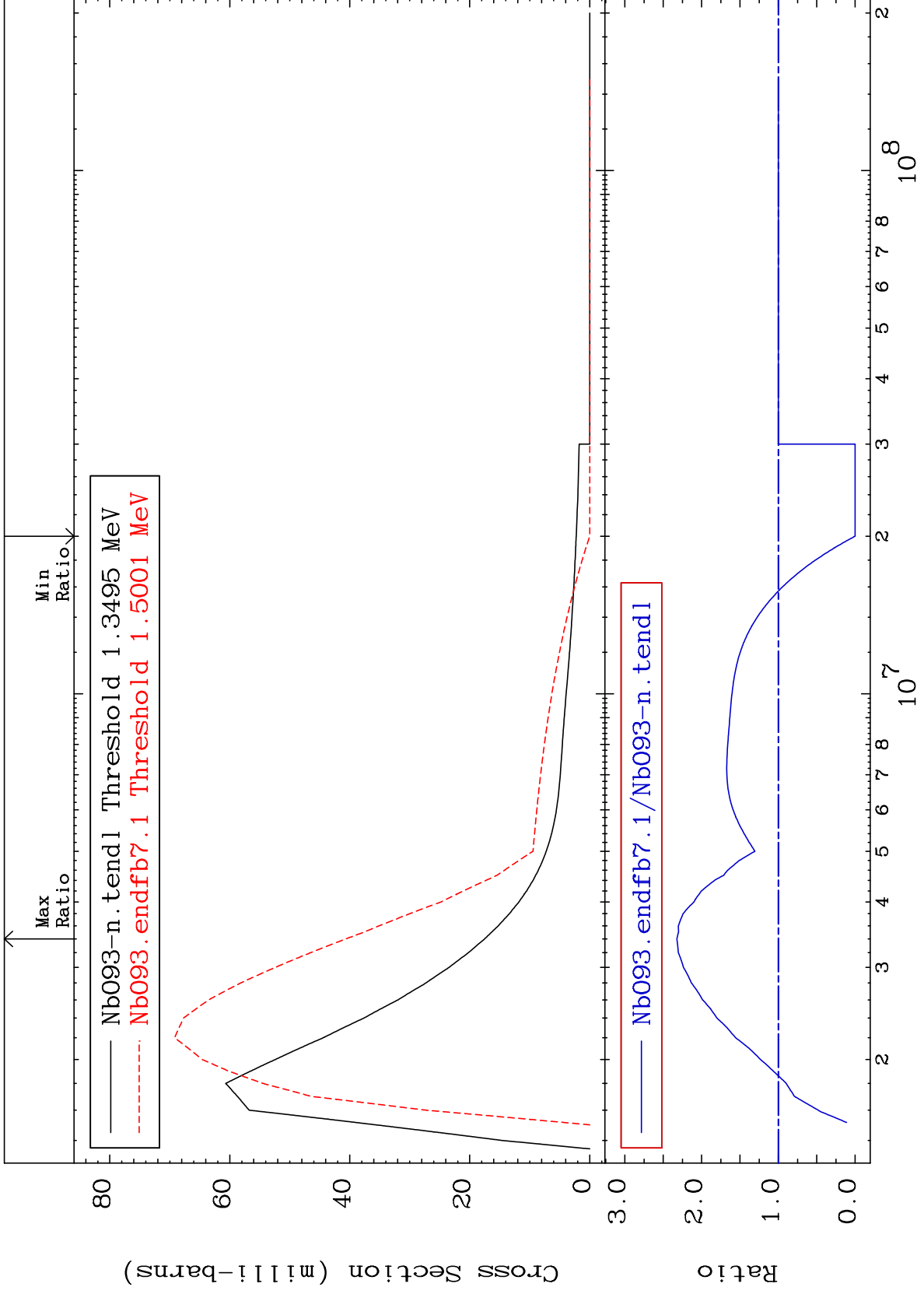
41-Nb-93
-100.0 To 5397. %



MAT 4125

1.335 MeV (n,n') Level
Cross Section

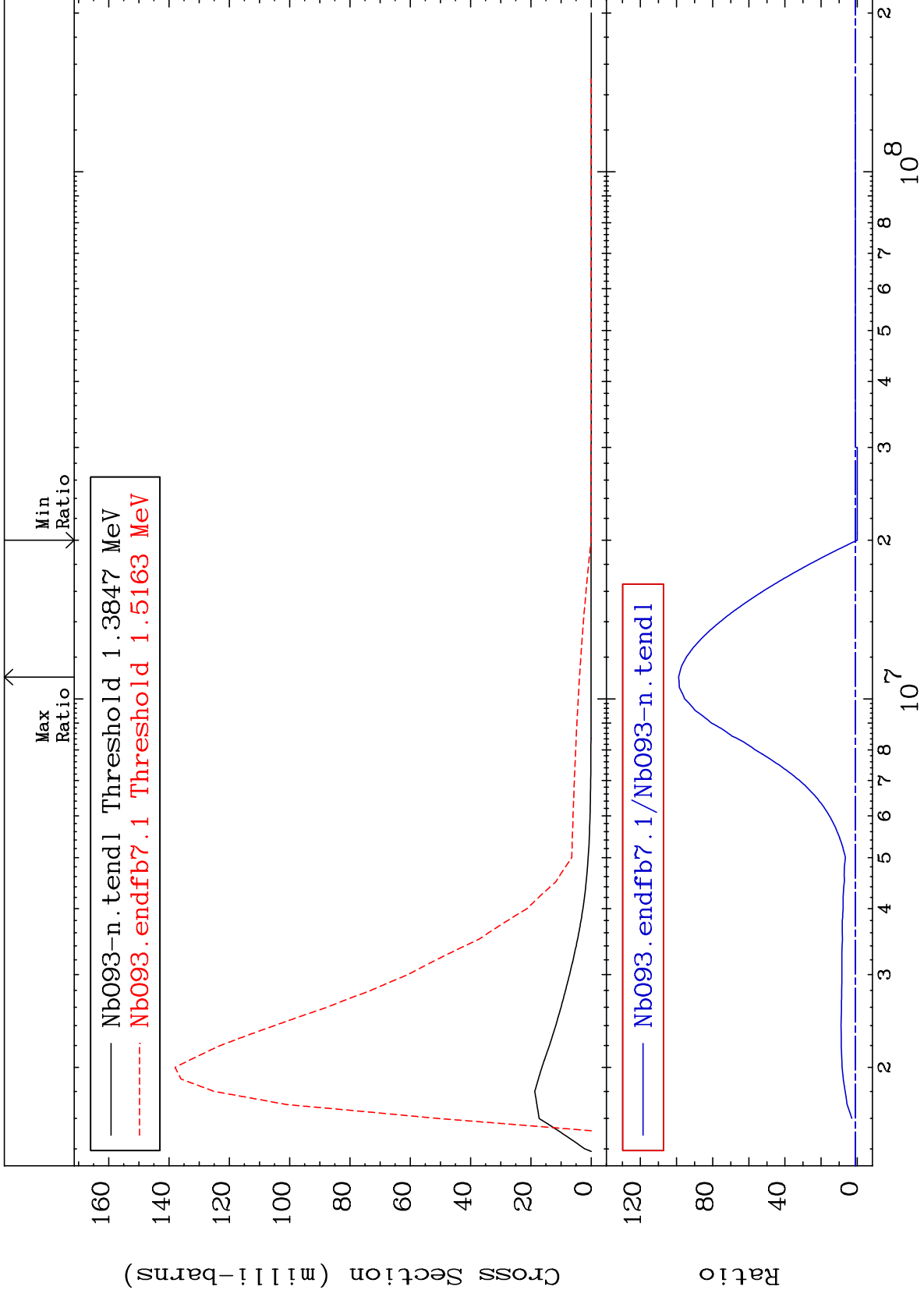
41-Nb-93
-100.0 To 132.1 %



MAT 4125

1.370 MeV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 9785. %

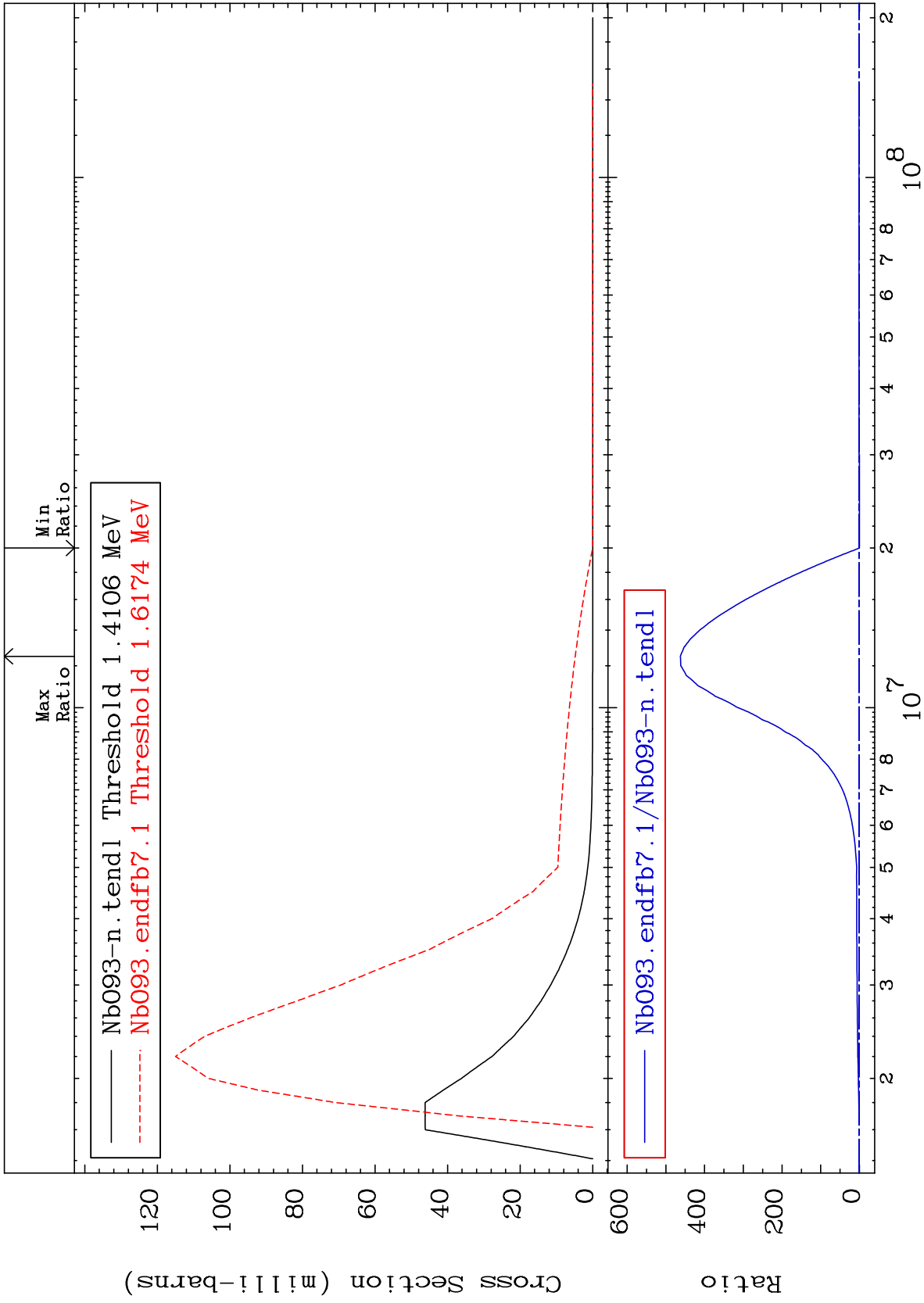


MAT 4125

1.395 MeV (n,n') Level

41-Nb-93

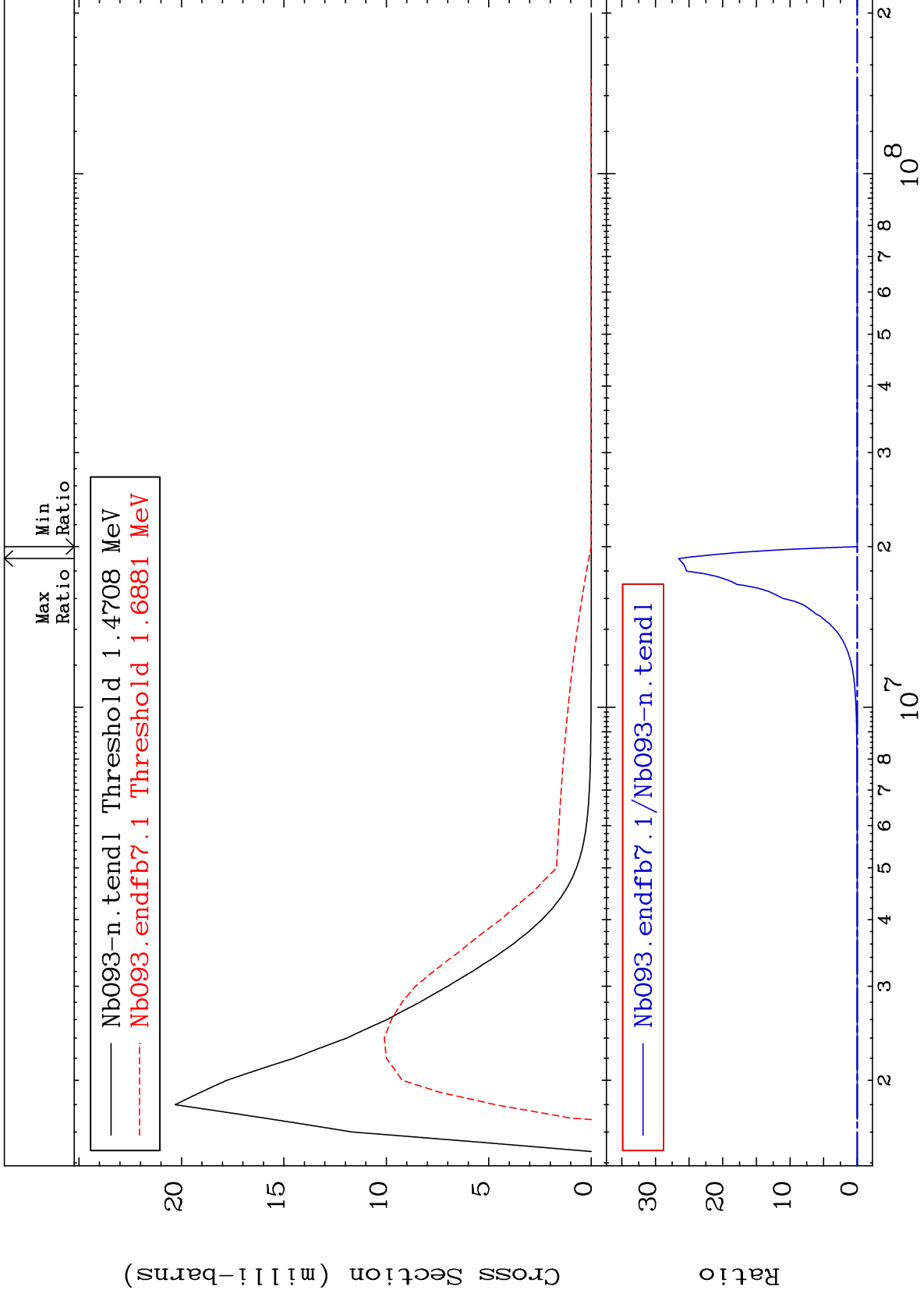
-100.0 To 9999. %



MAT 4125

1.455 MeV (n,n') Level
Cross Section

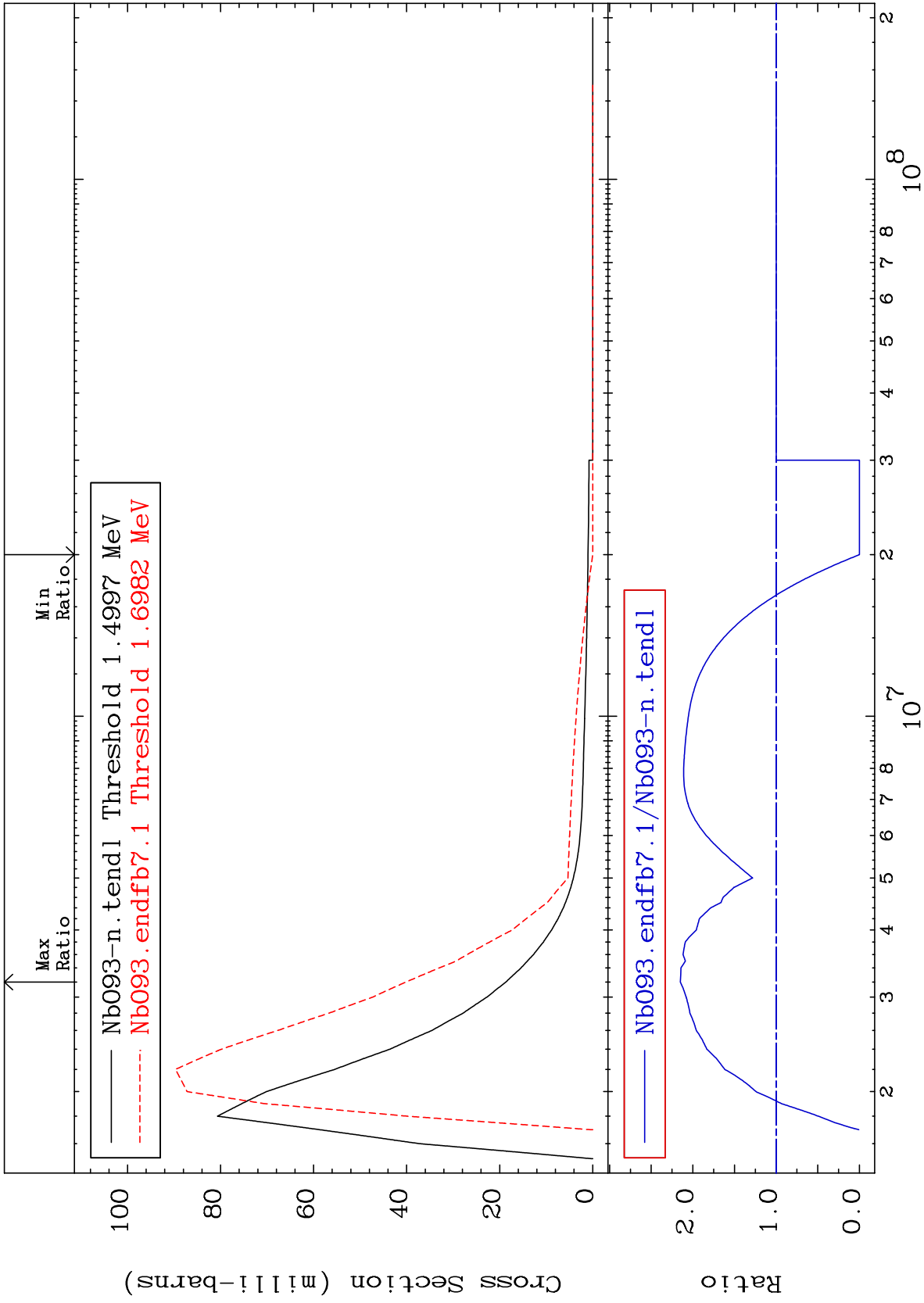
41-Nb-93
-100.0 To 9999. %



MAT 4125

1.484 MeV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 115.0 %



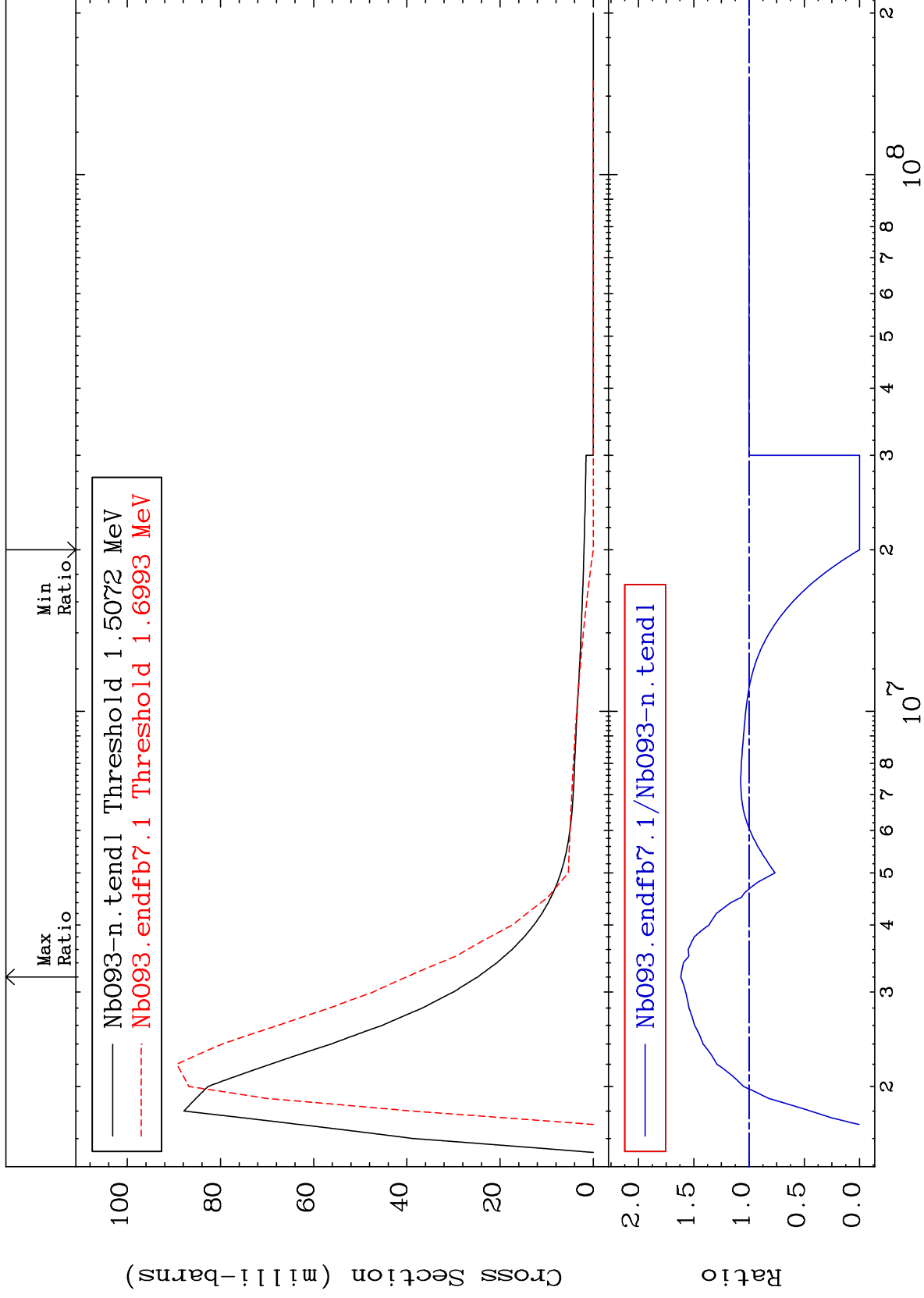
MAT 4125

1.491 MeV (n,n') Level

41-Nb-93

-100.0 To 61.78 %

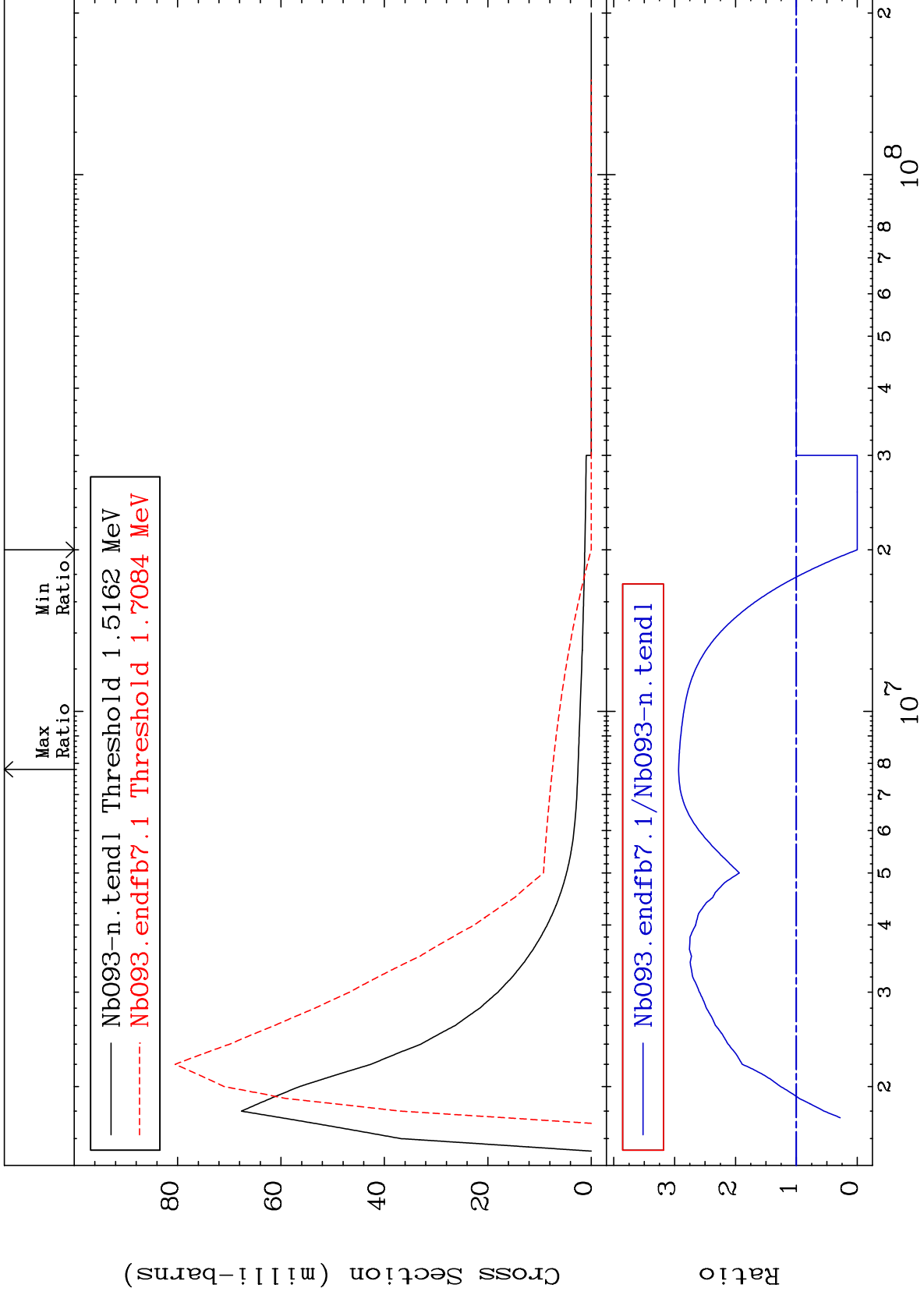
Cross Section



MAT 4125

1.500 MeV (n,n') Level
Cross Section

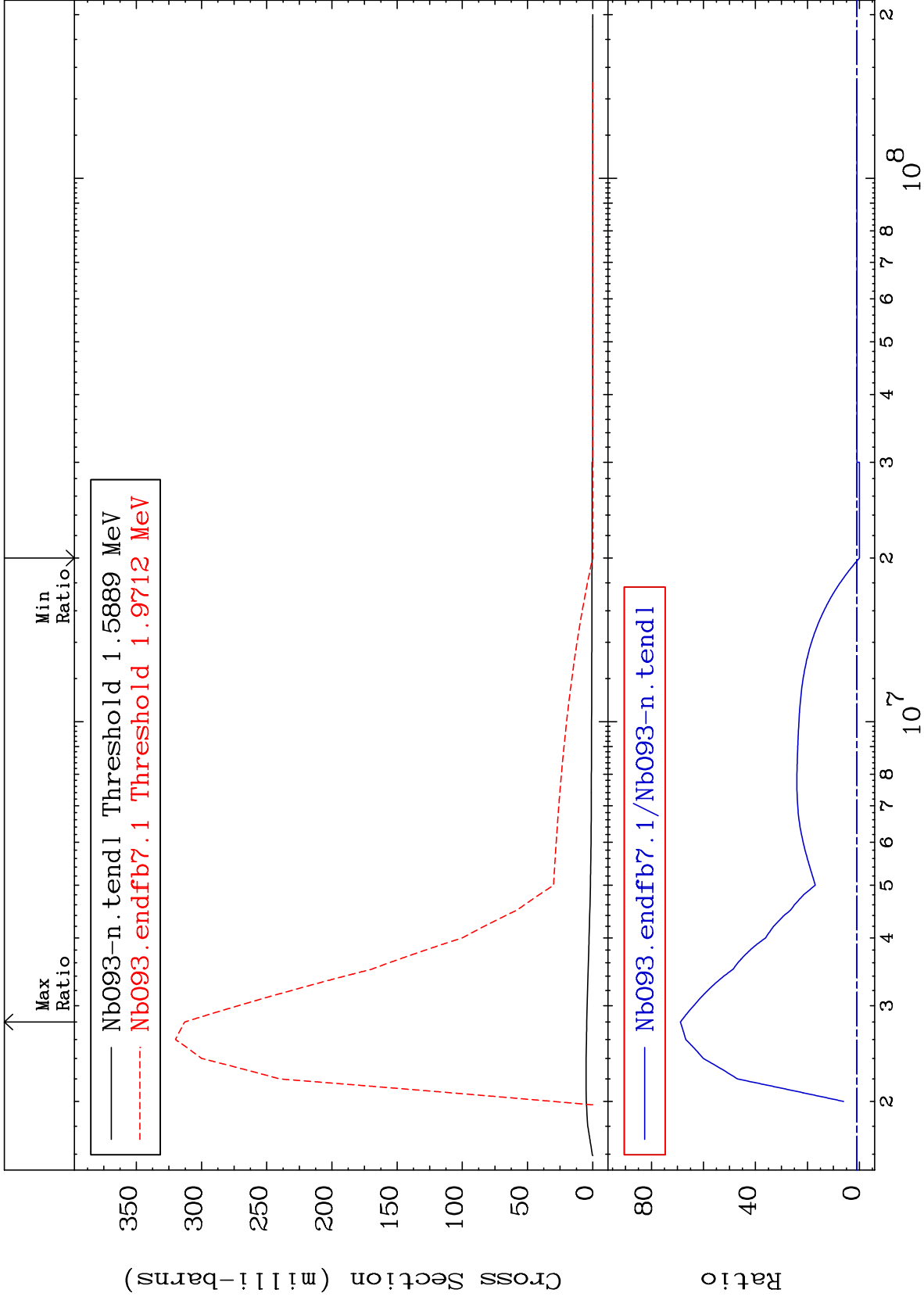
41-Nb-93
-100.0 To 193.4 %



MAT 4125

1.572 MeV (n,n') Level
Cross Section

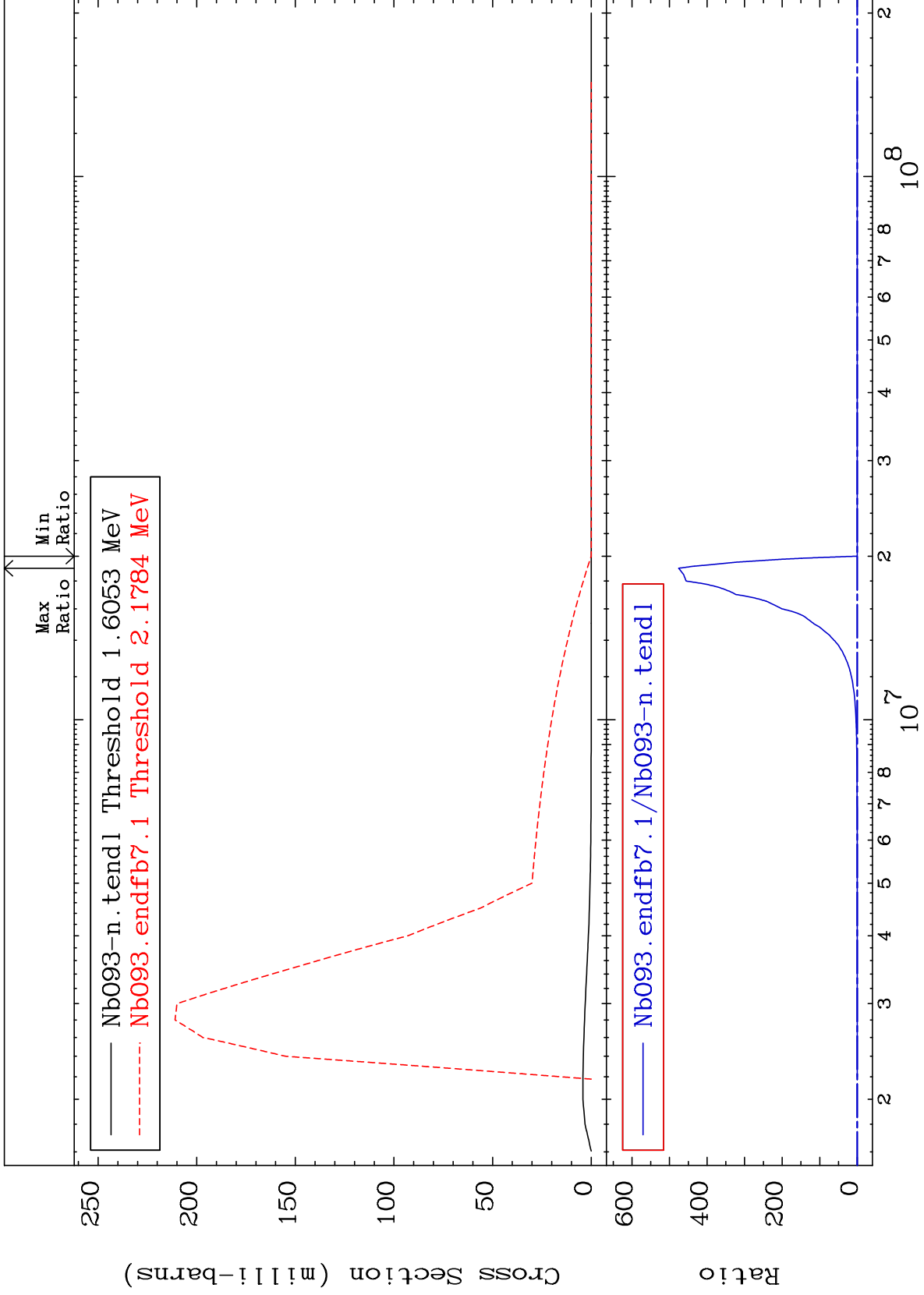
41-Nb-93
-100.0 To 6788. %

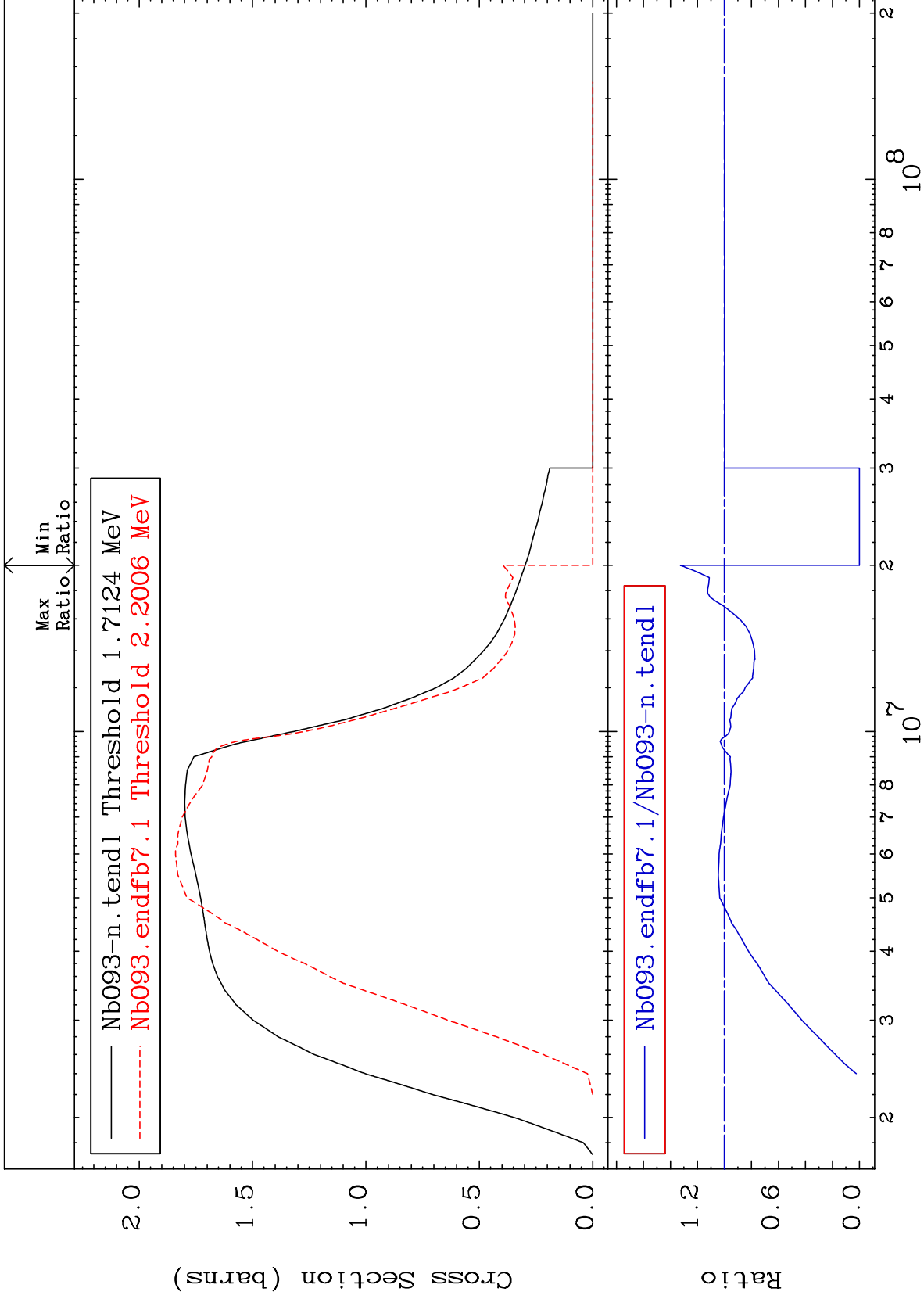


MAT 4125

1.588 MeV (n,n') Level
Cross Section

41-Nb-93
-100.0 To 9999. %





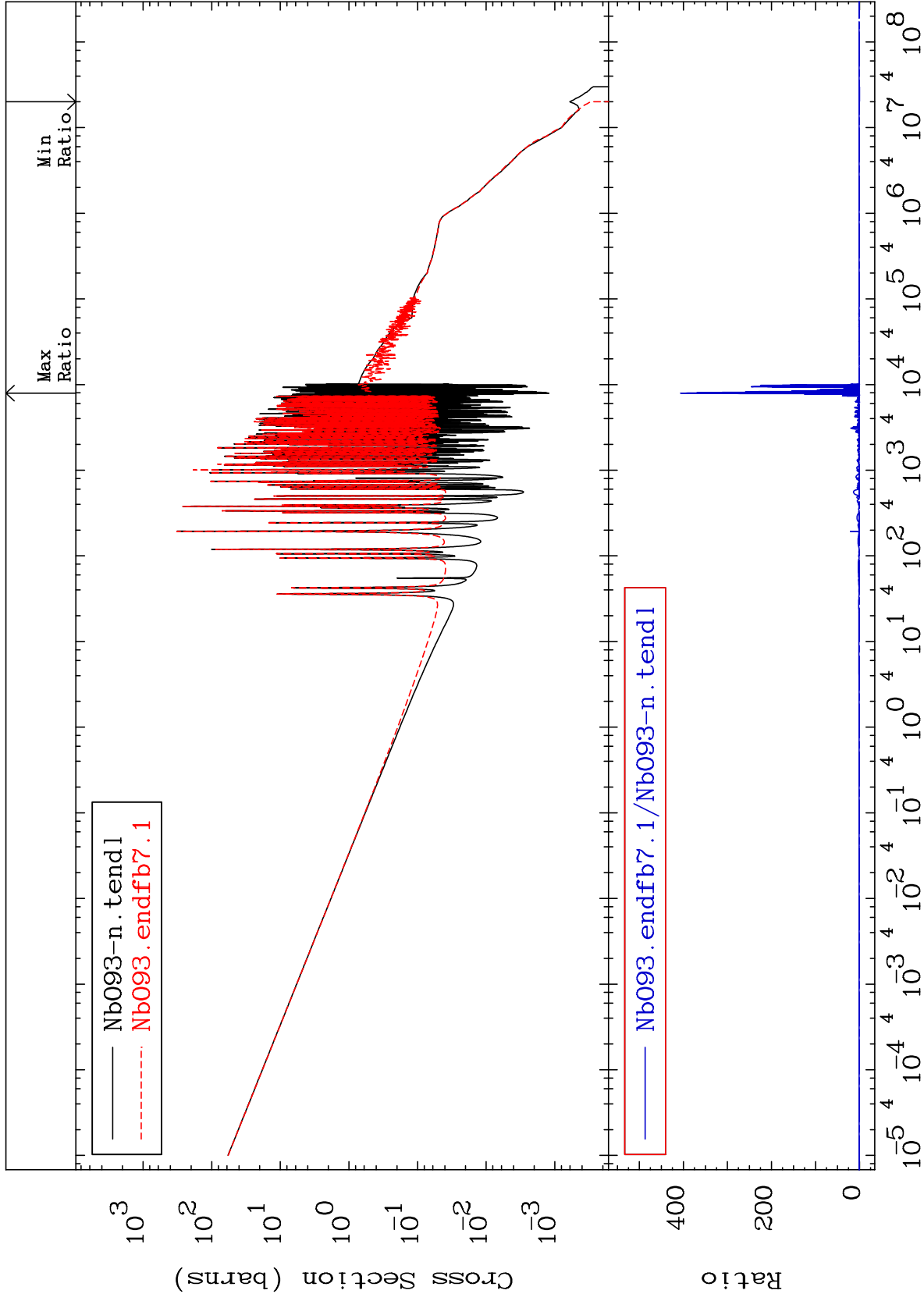
MAT 4125

(n, γ)

41-Nb-93

Cross Section

-100.0 To 9999. %



35

Incident Energy (eV)

41-Nb-93

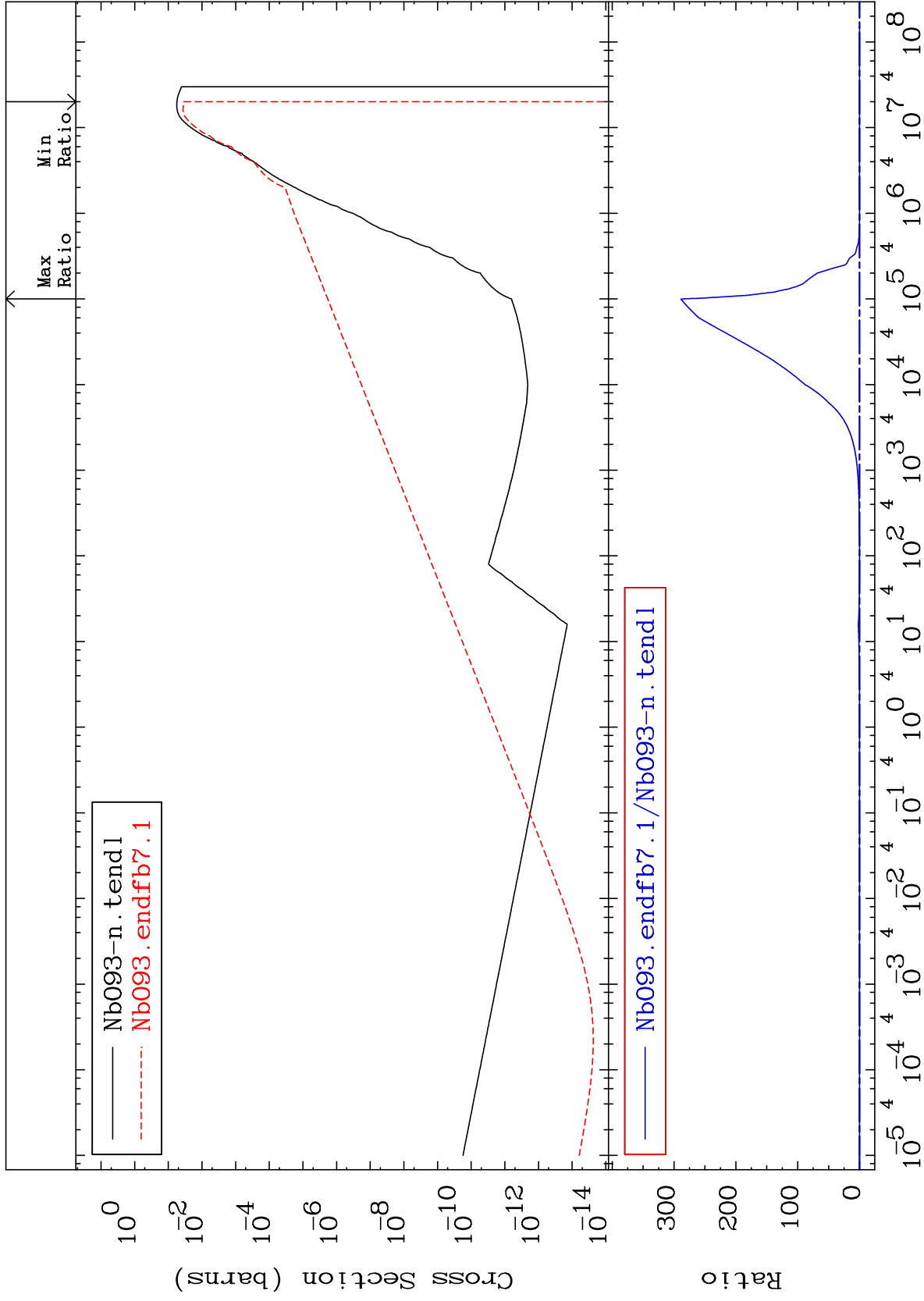
MAT 4125

(n,p)

41-Nb-93

Cross Section

-100.0 To 9999. %



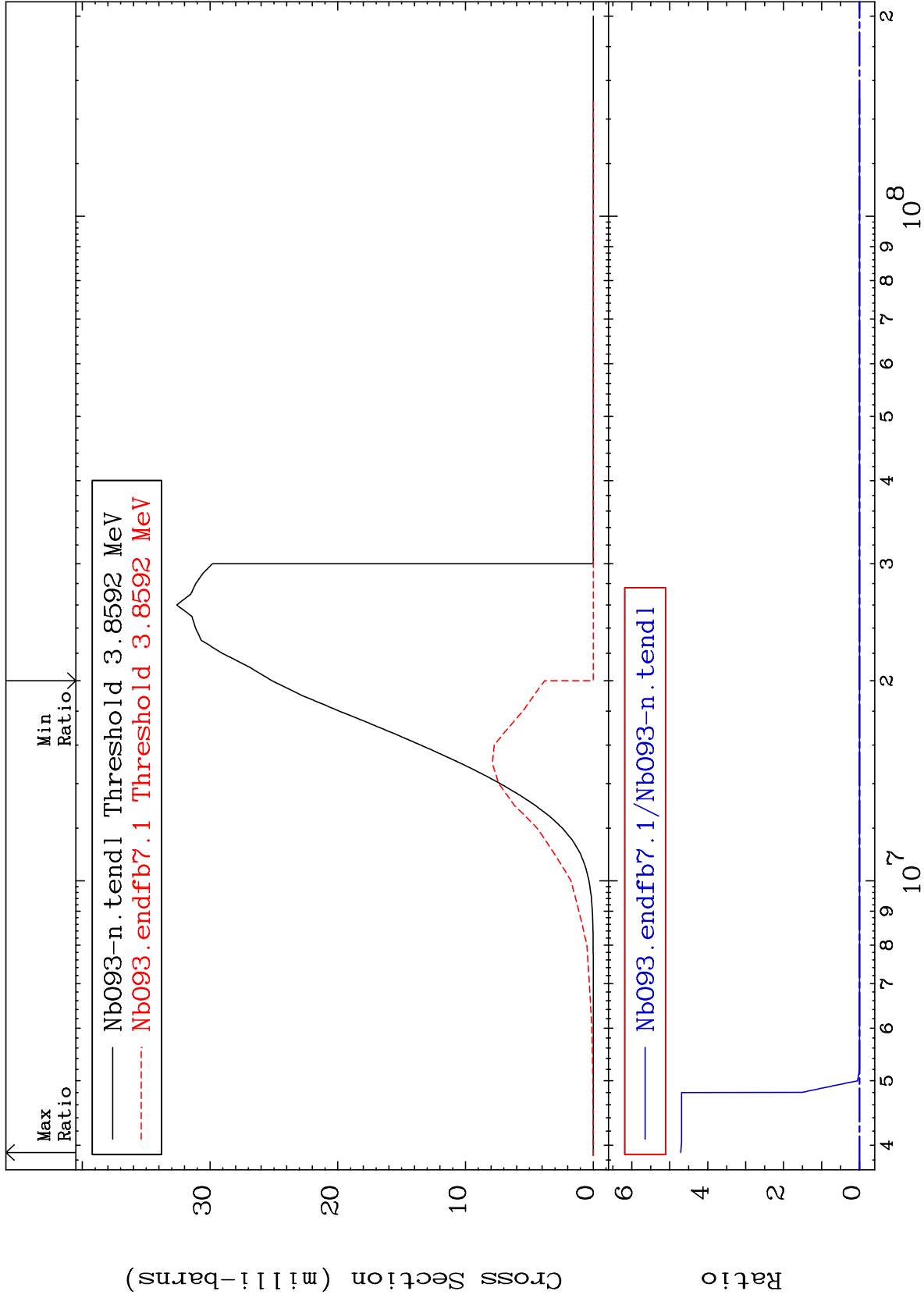
MAT 4125

(n, d)

41-Nb-93

Cross Section

-100.0 To 9999. %



37

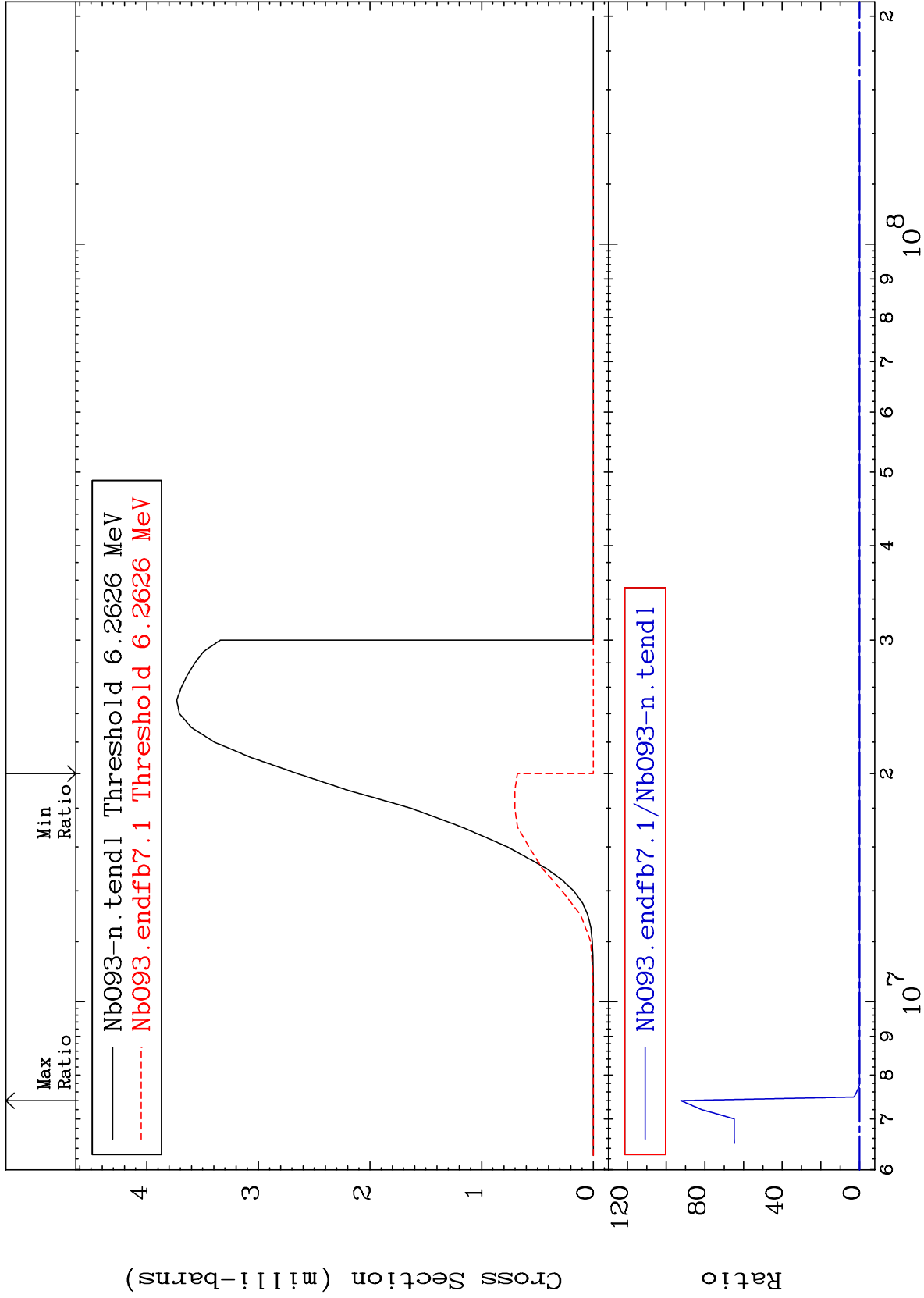
Incident Energy (eV)

41-Nb-93

MAT 4125

(n, t)
Cross Section

41-Nb-93
-100.0 To 9999. %



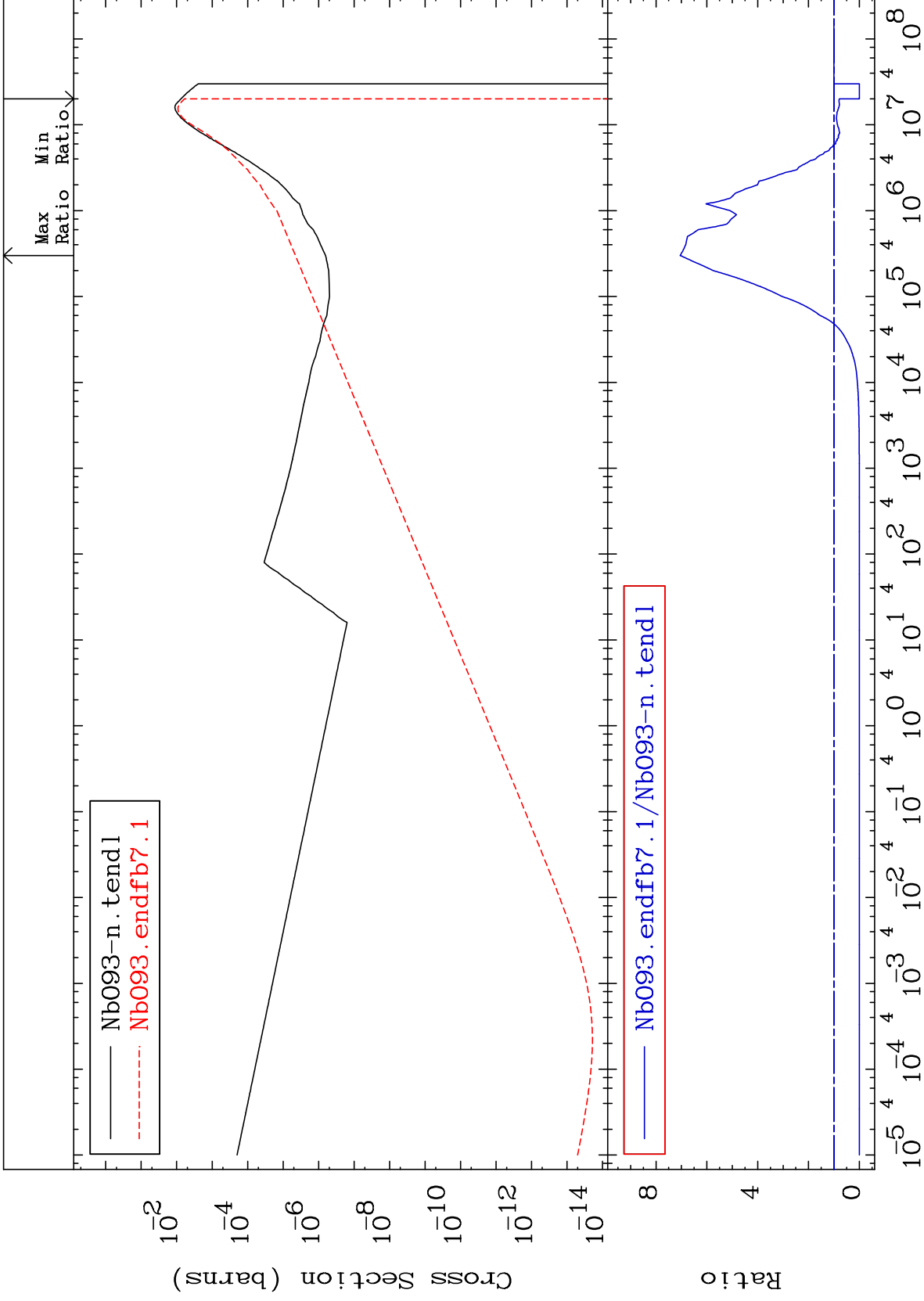
MAT 4125

(n, α)

41-Nb-93

Cross Section

-100.0 To 605.0 %



39

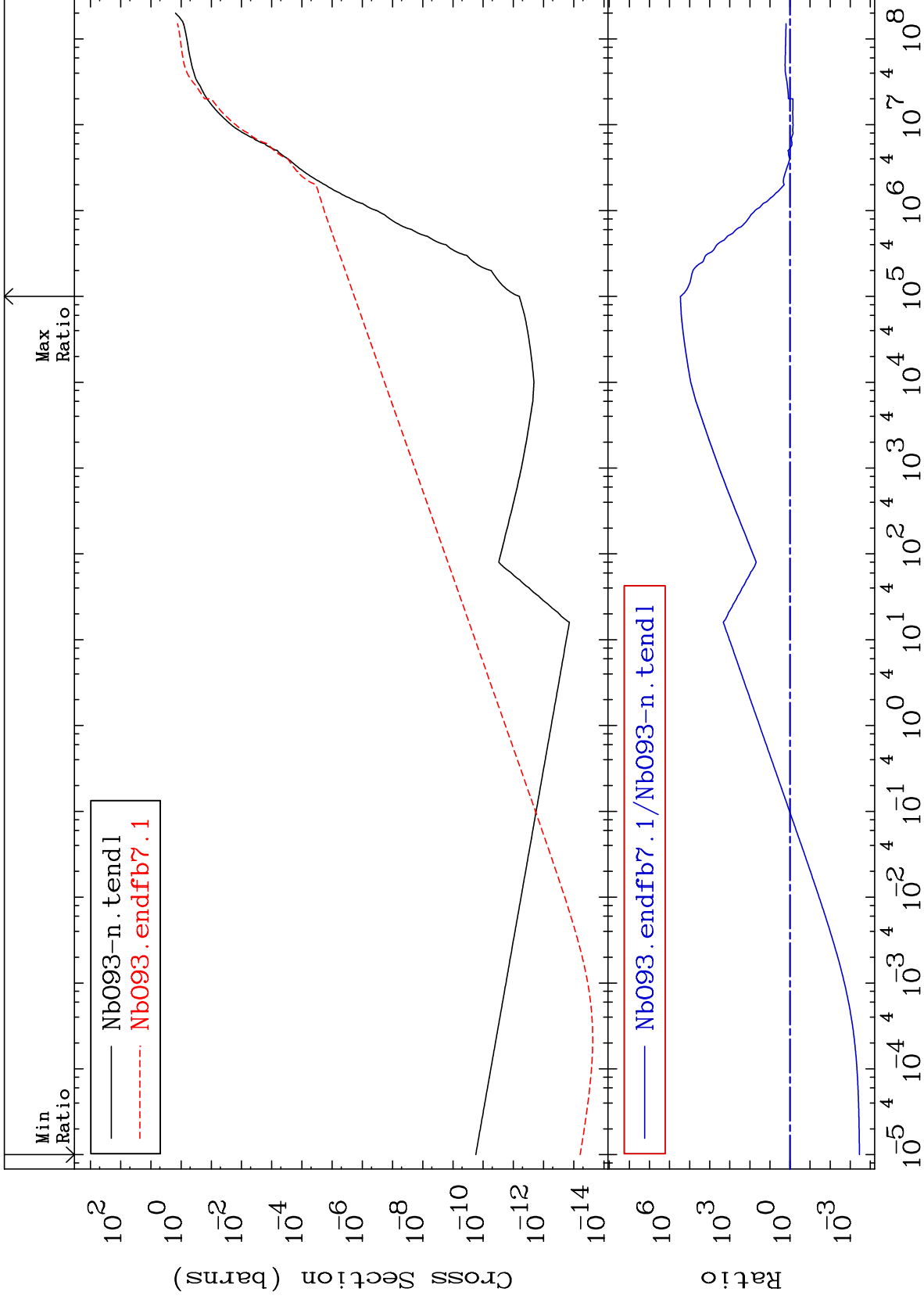
Incident Energy (eV)

41-Nb-93

MAT 4125

Hydrogen Production Cross Section

41-Nb-93
-99.97 To 9999. %



Min Ratio
Nb093-n.tendl
Nb093.endfb7.1

Nb093.endfb7.1/Nb093-n.tendl

40

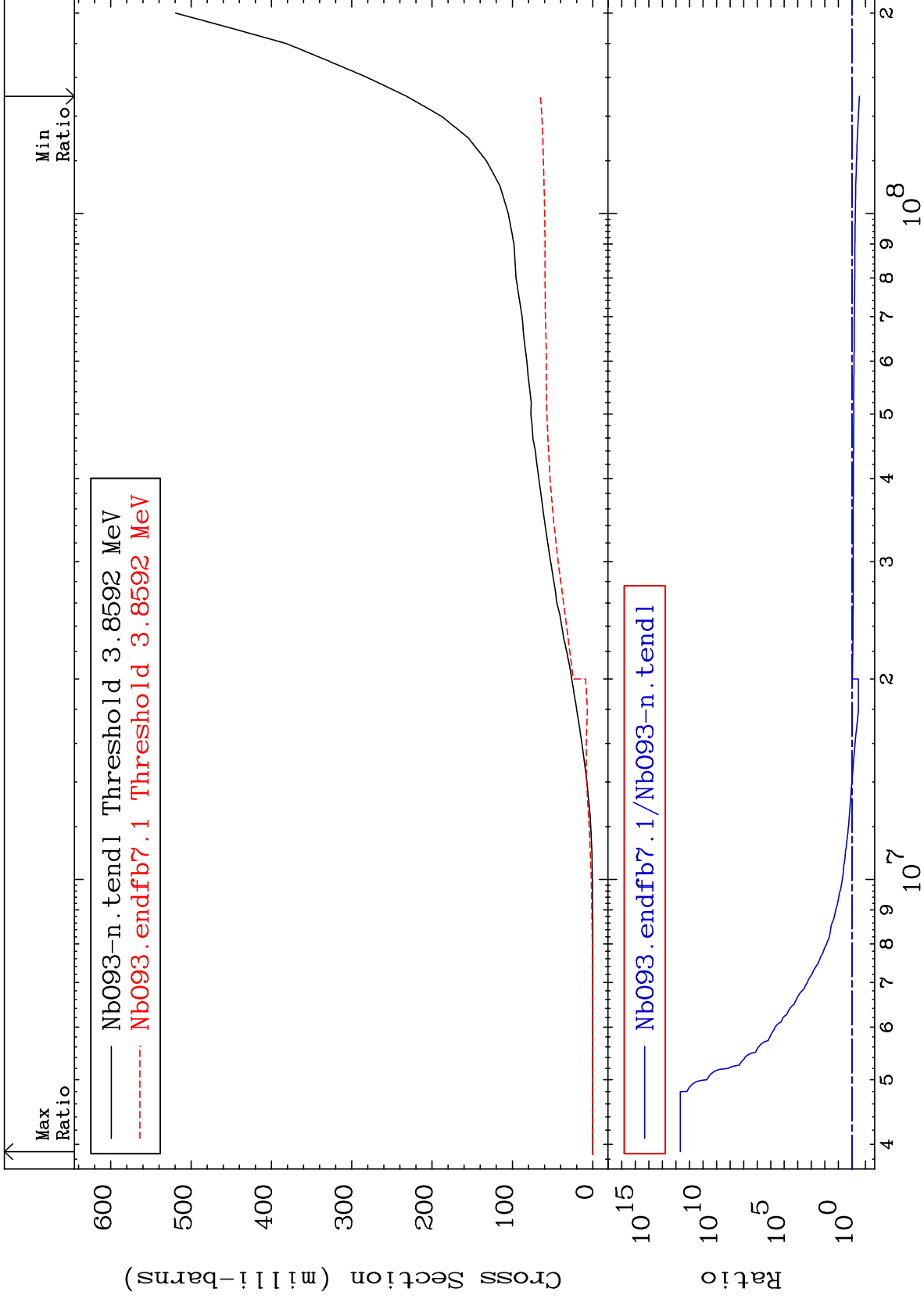
Incident Energy (eV)

41-Nb-93

MAT 4125

Deuterium Production
Cross Section

41-Nb-93
-71.92 To 9999. %



41

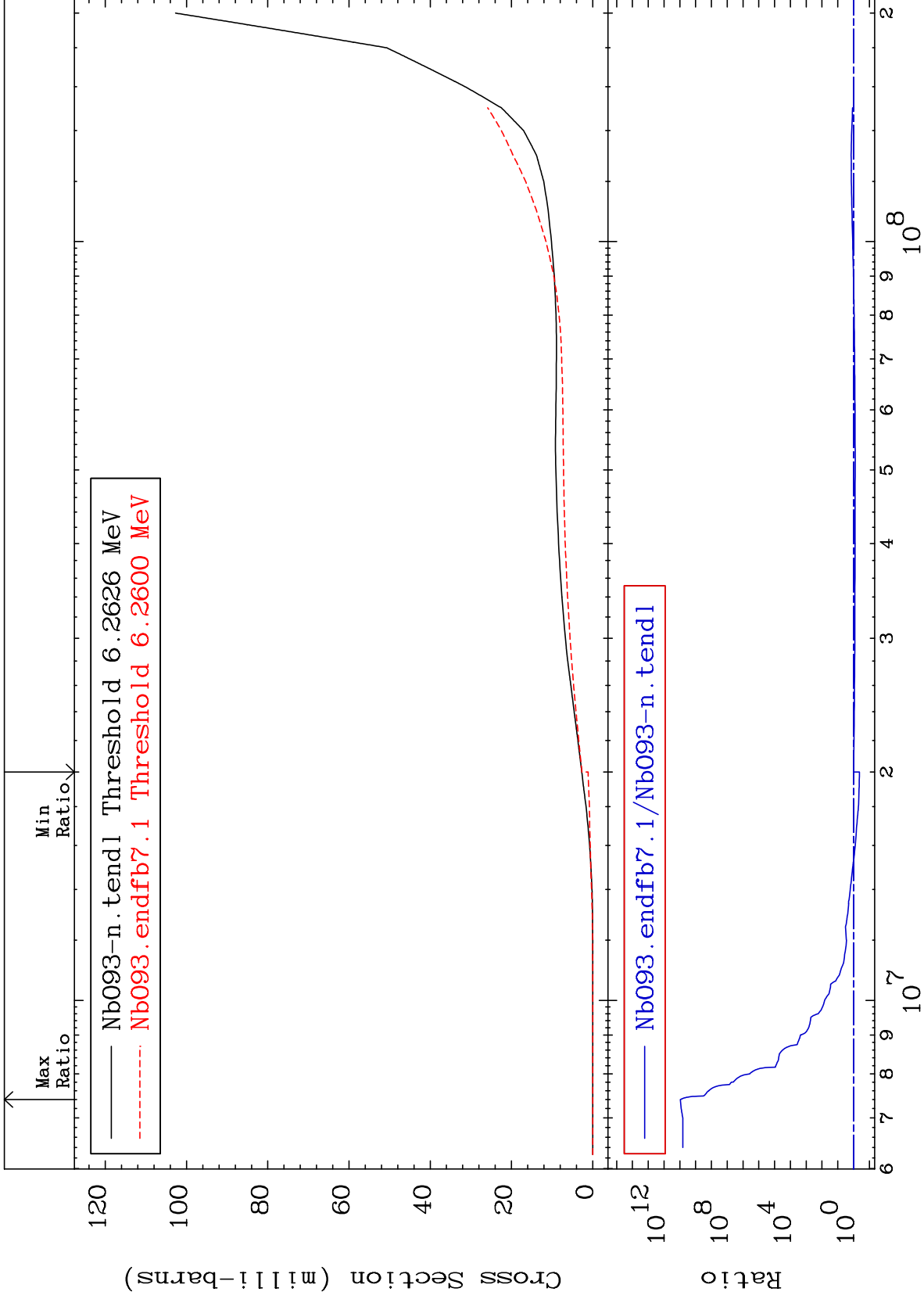
Incident Energy (eV)

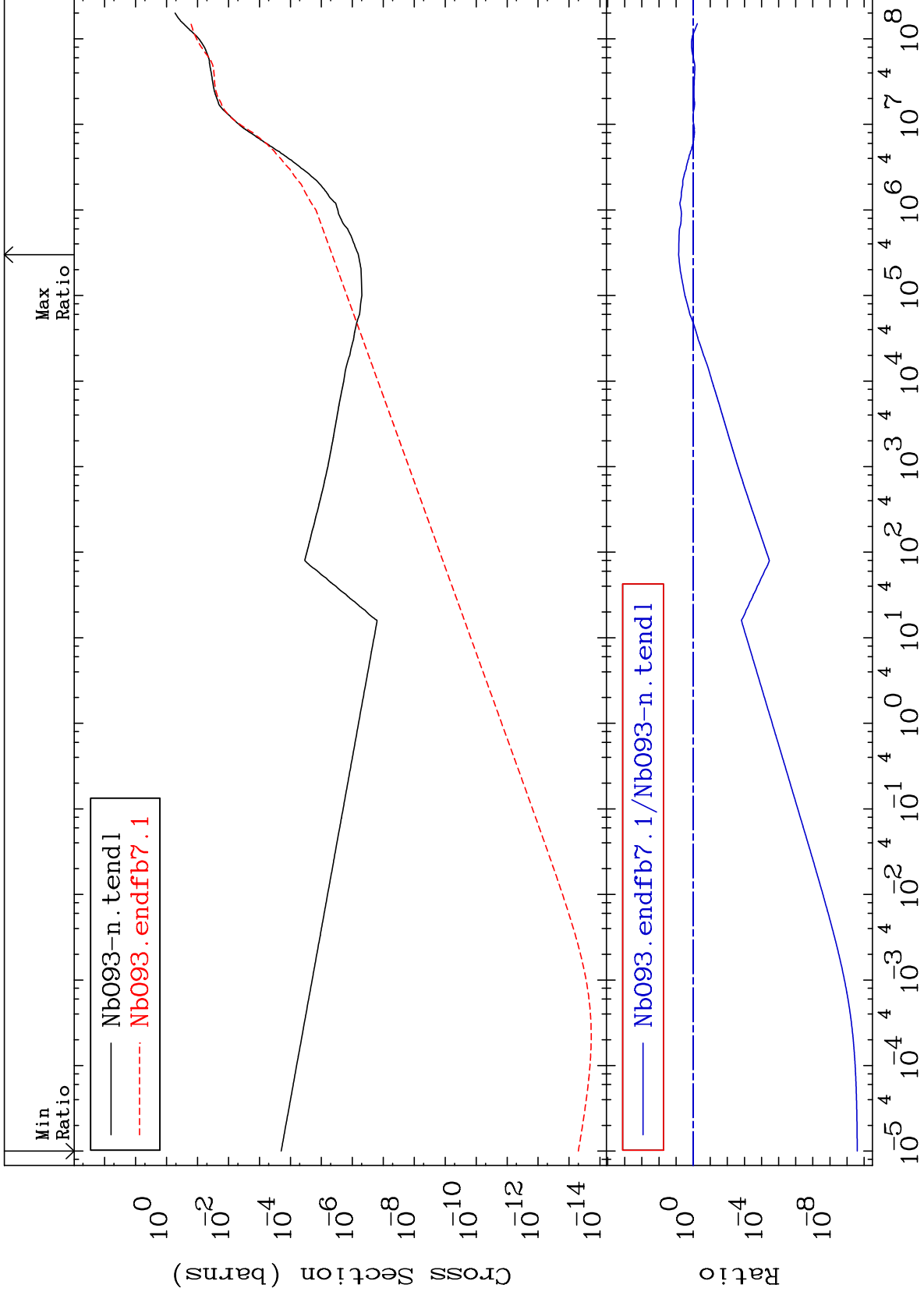
41-Nb-93

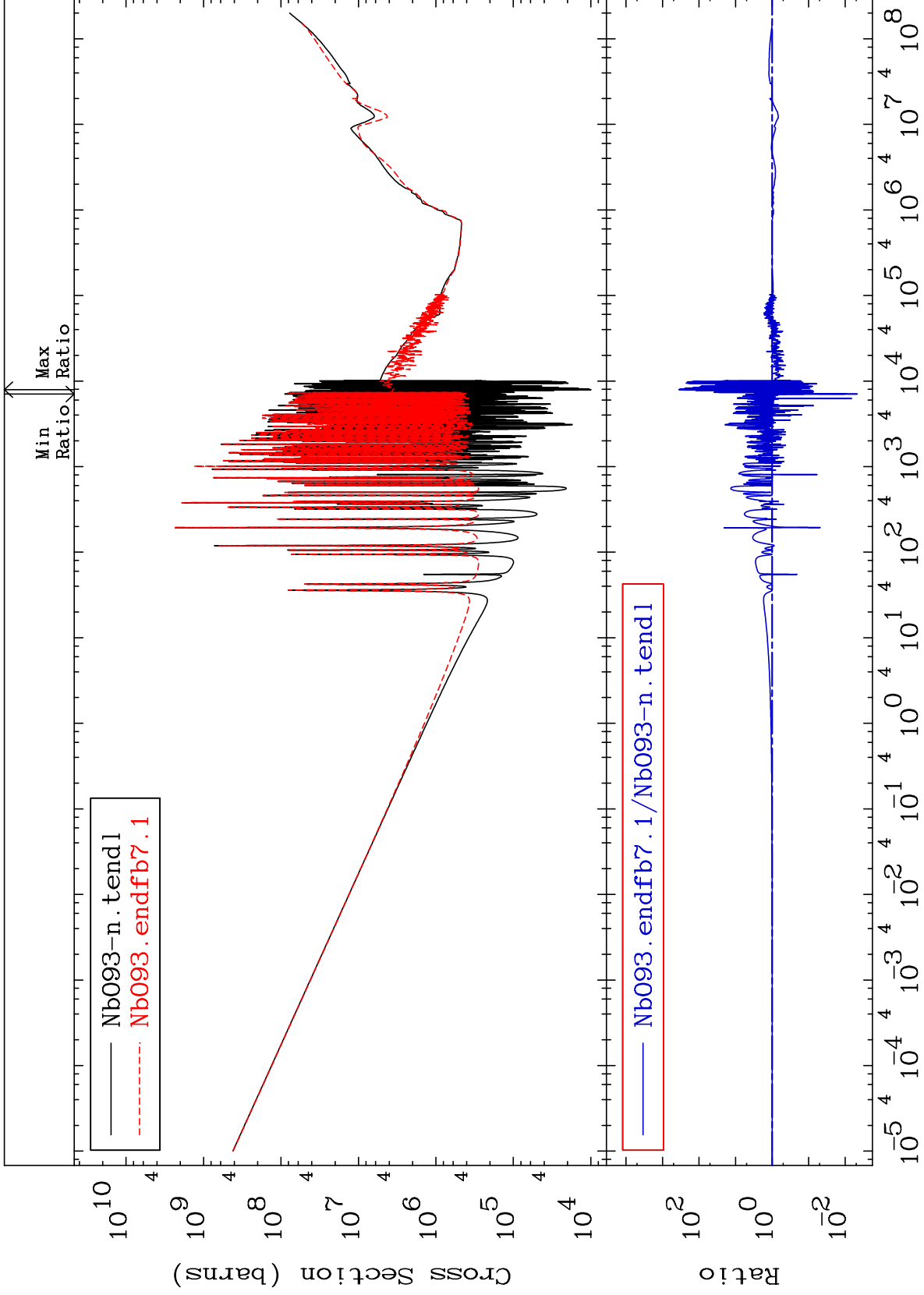
MAT 4125

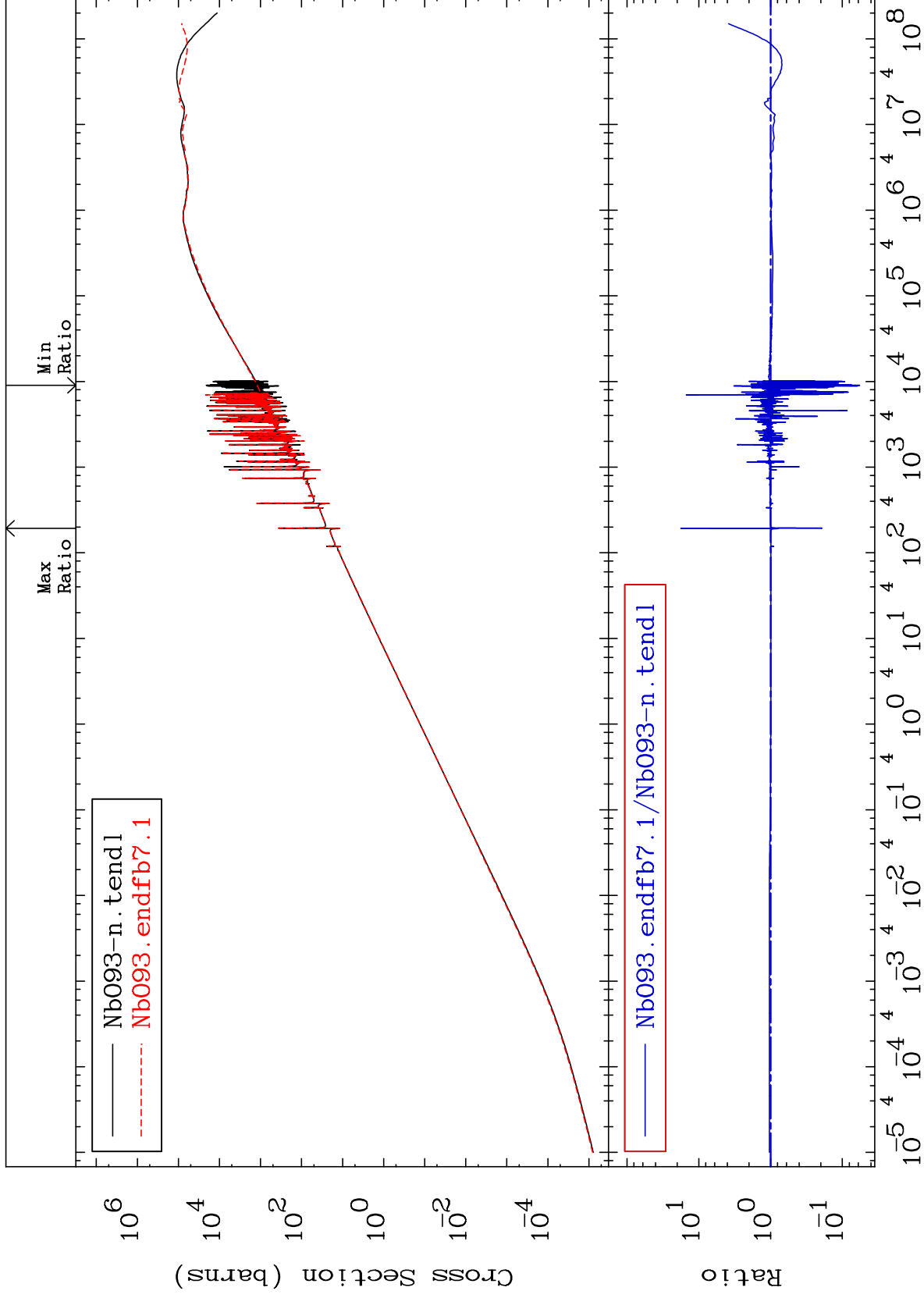
Tritium Production
Cross Section

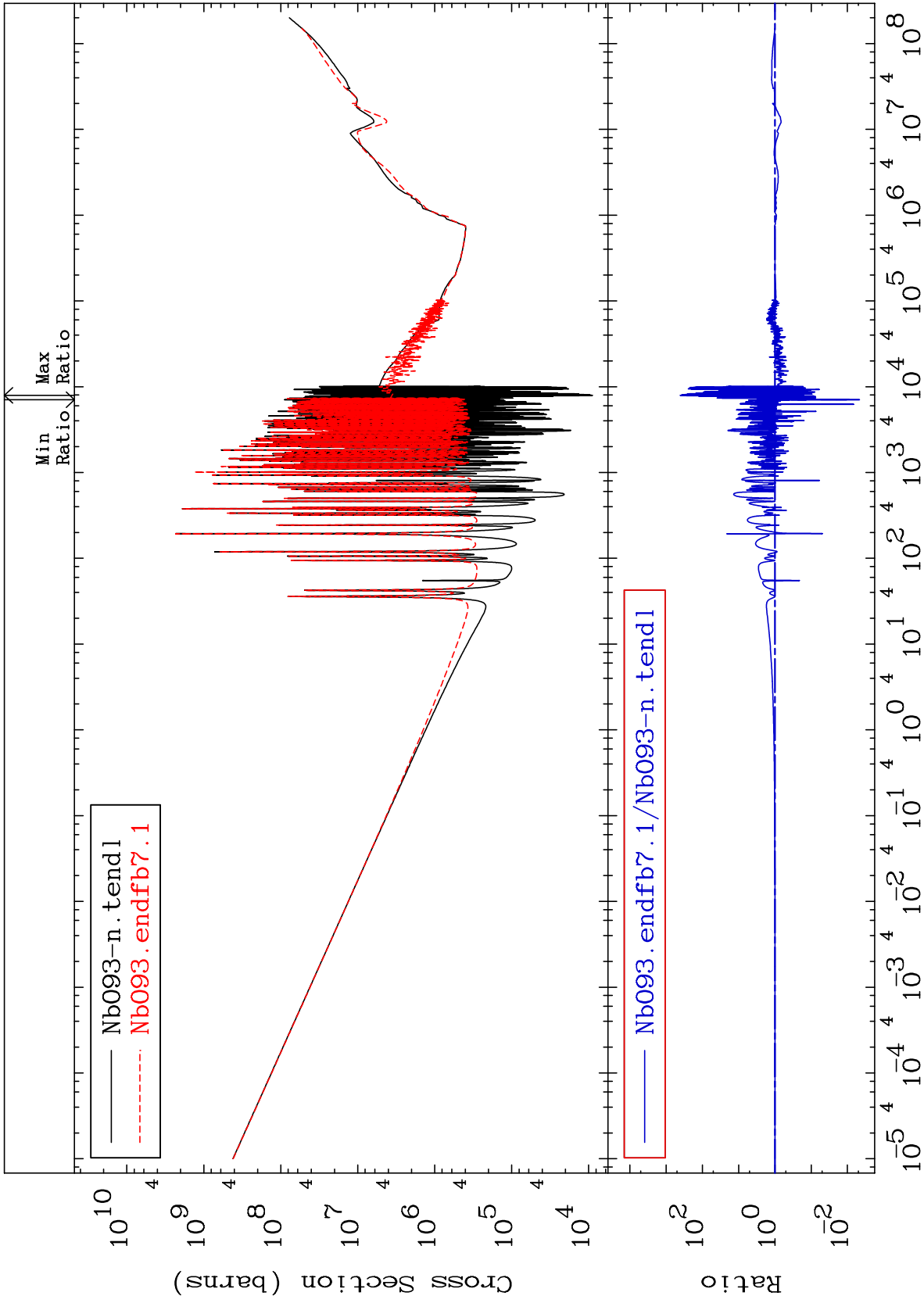
41-Nb-93
-57.64 To 9999. %







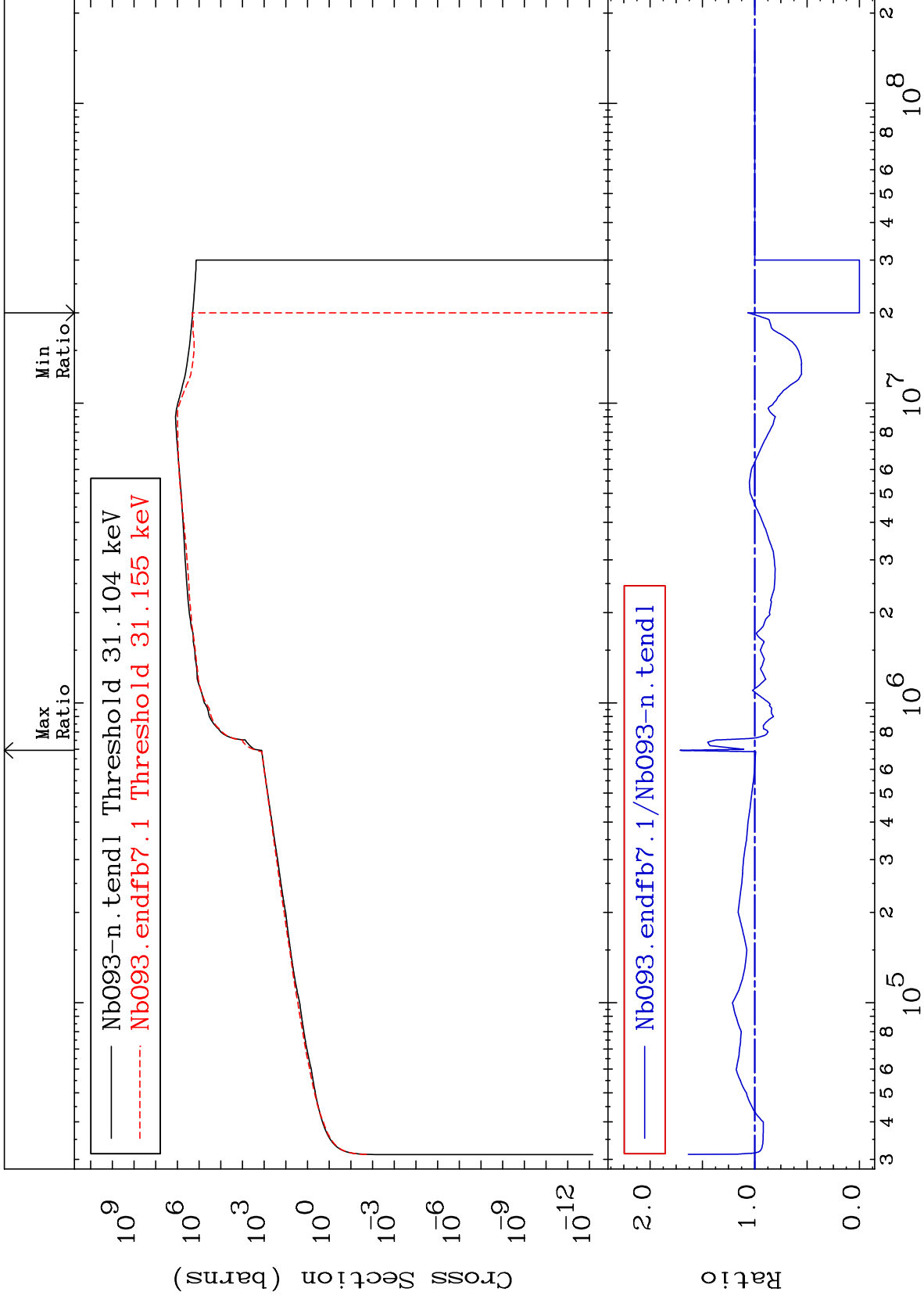




MAT 4125

Kerma inelastic (mt51-91)
Cross Section

41-Nb-93
-100.0 To 71.06 %



47

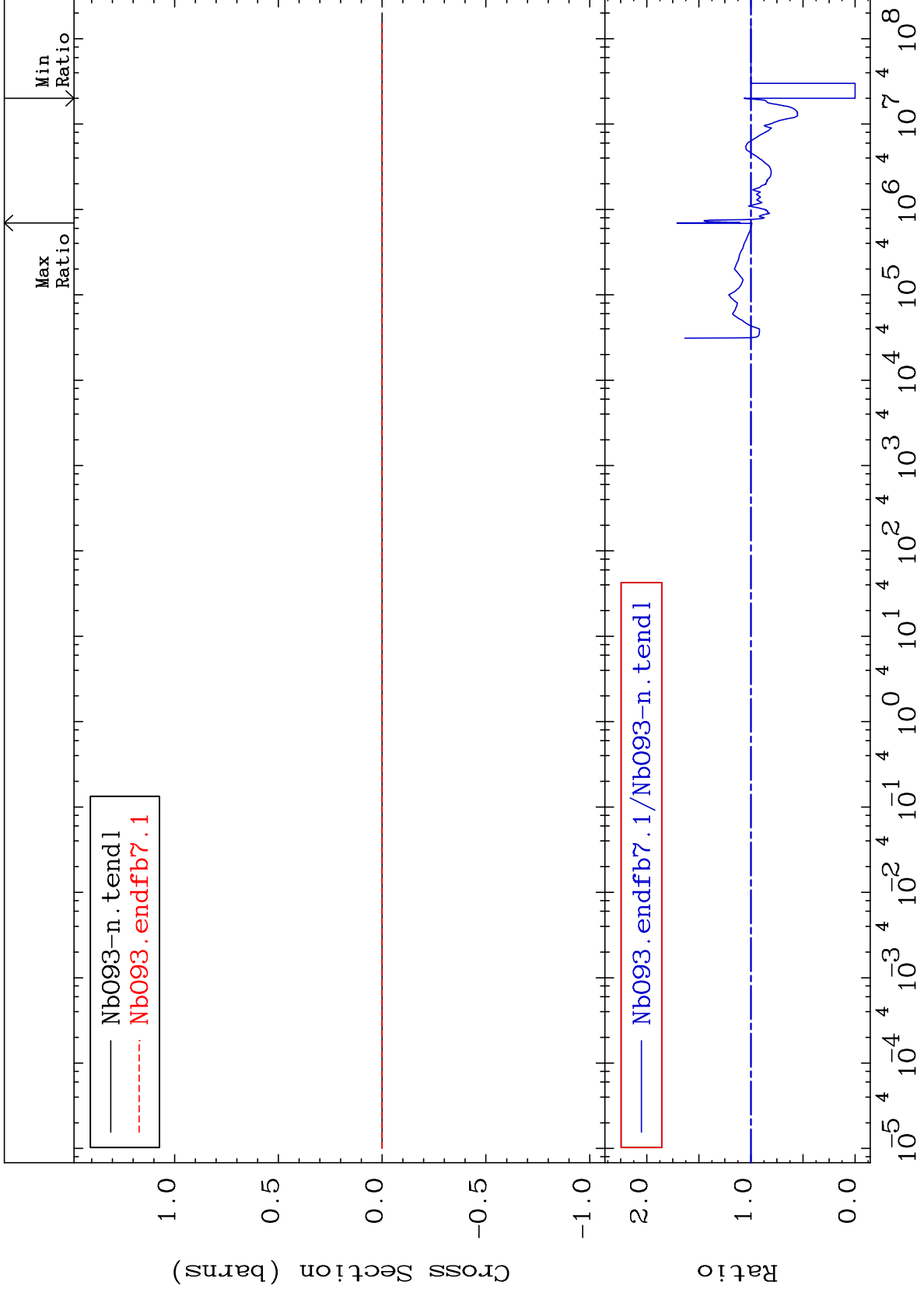
Incident Energy (eV)

41-Nb-93

MAT 4125

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

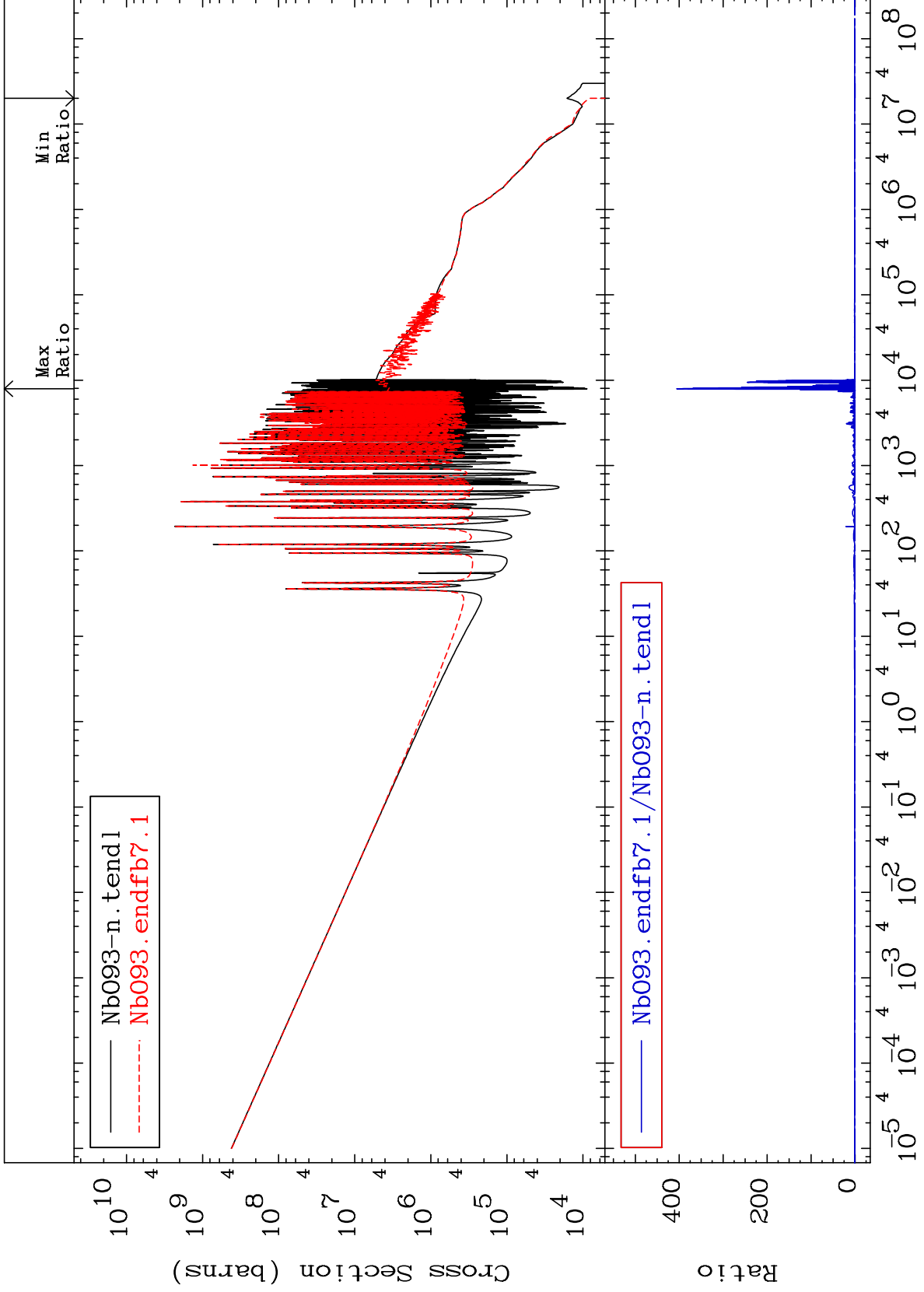
41-Nb-93
-100.0 To 71.06 %



MAT 4125

Kerma capture (mt102)
Cross Section

41-Nb-93
-100.0 To 9999. %



49

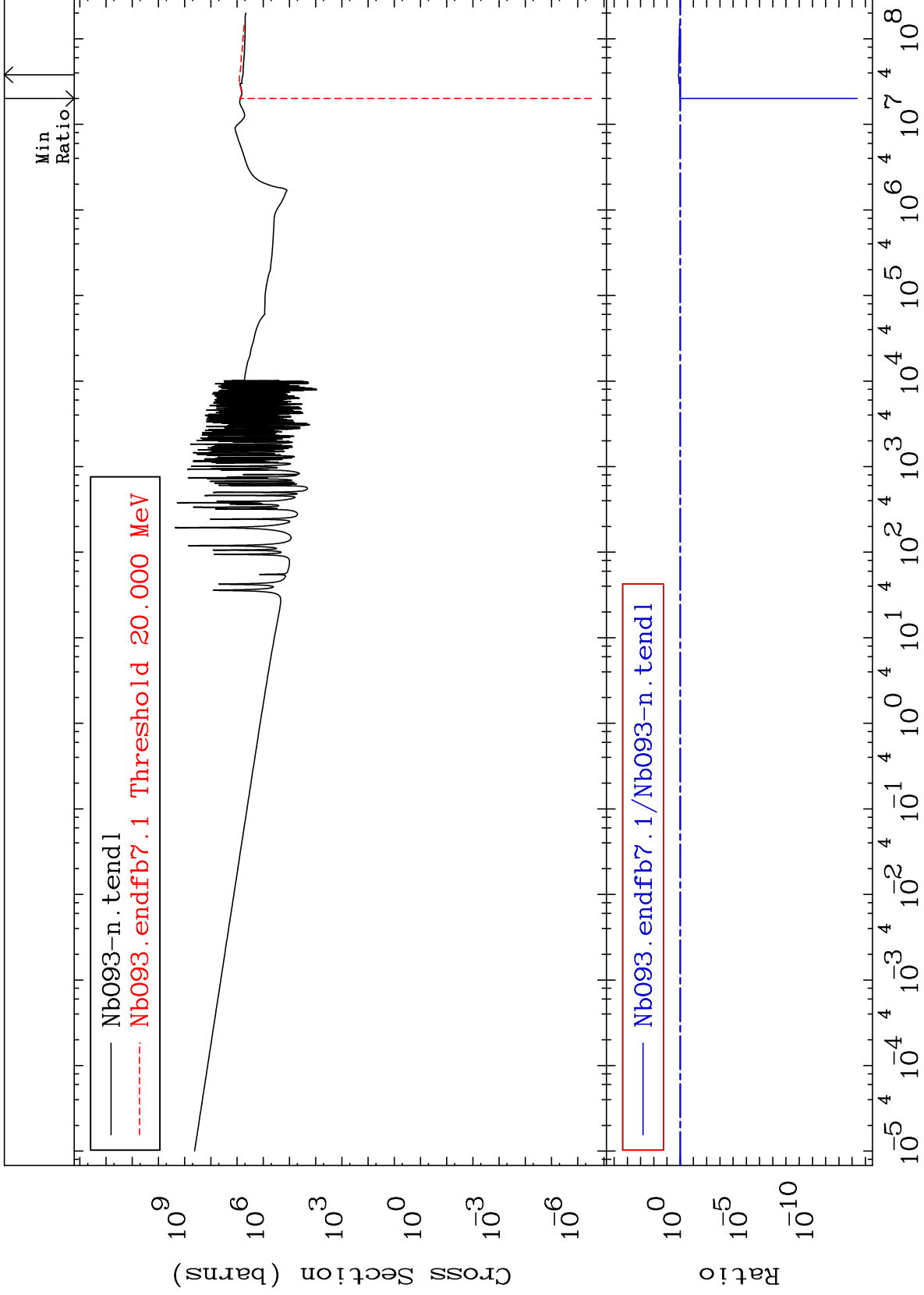
Incident Energy (eV)

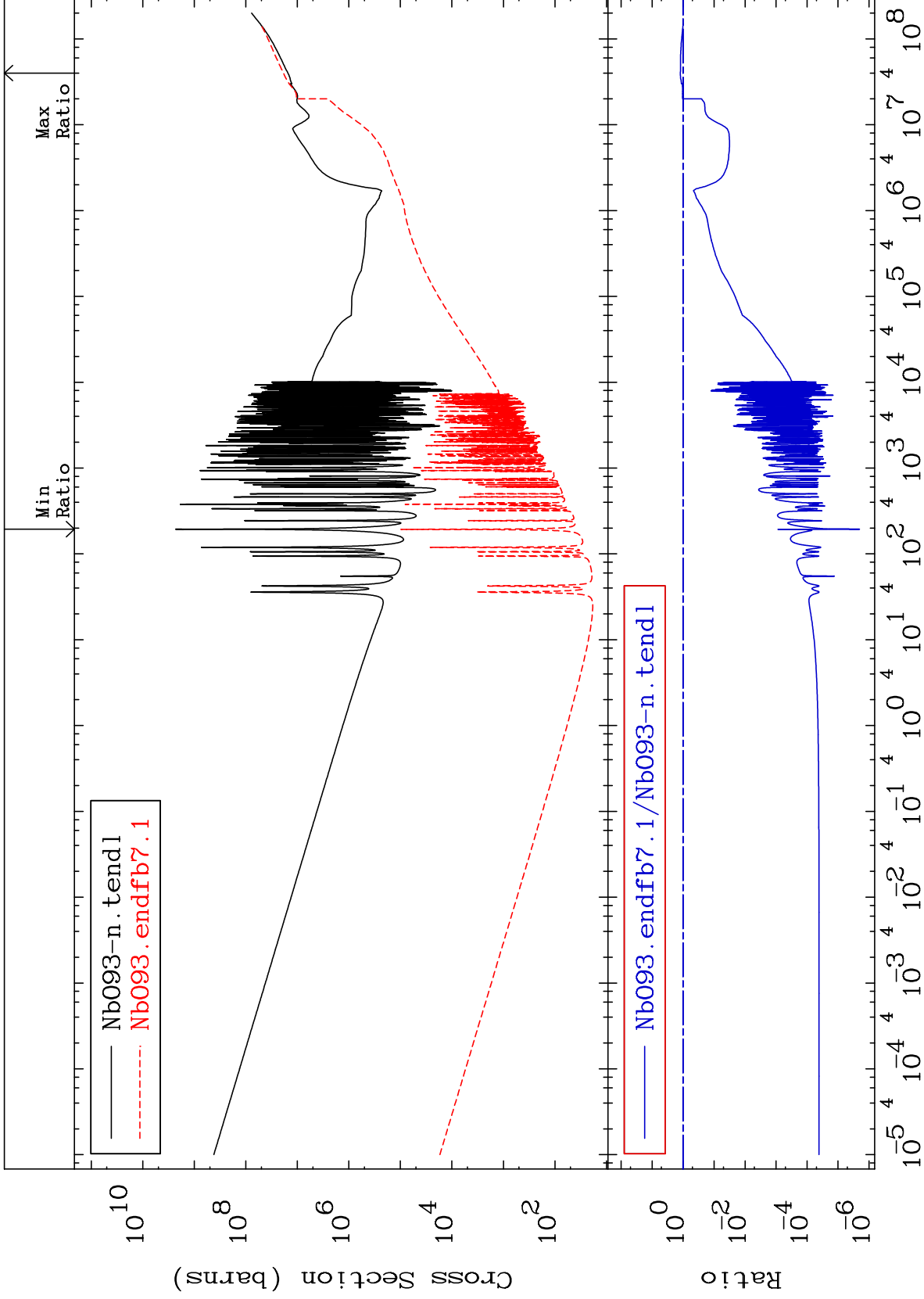
41-Nb-93

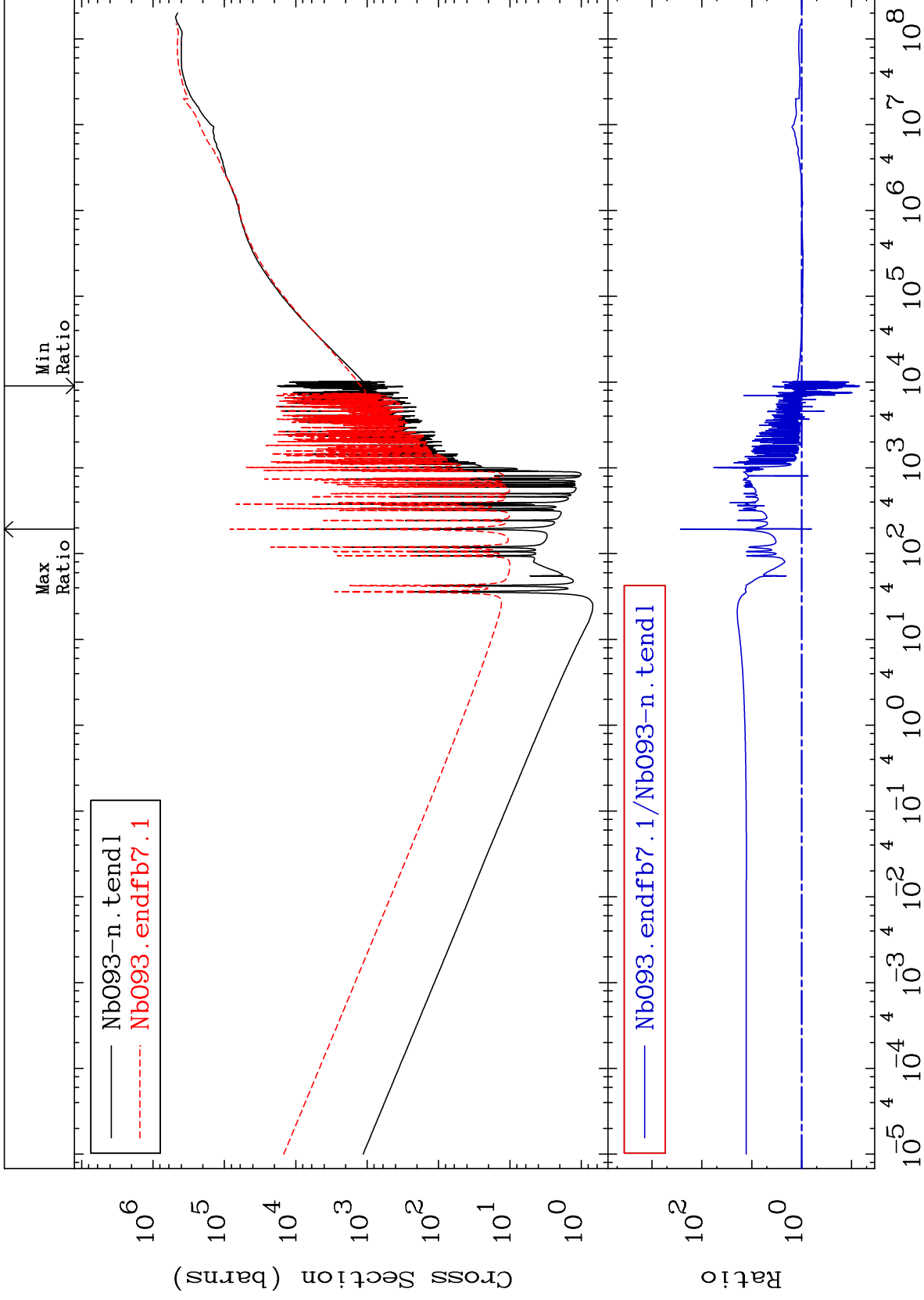
MAT 4125

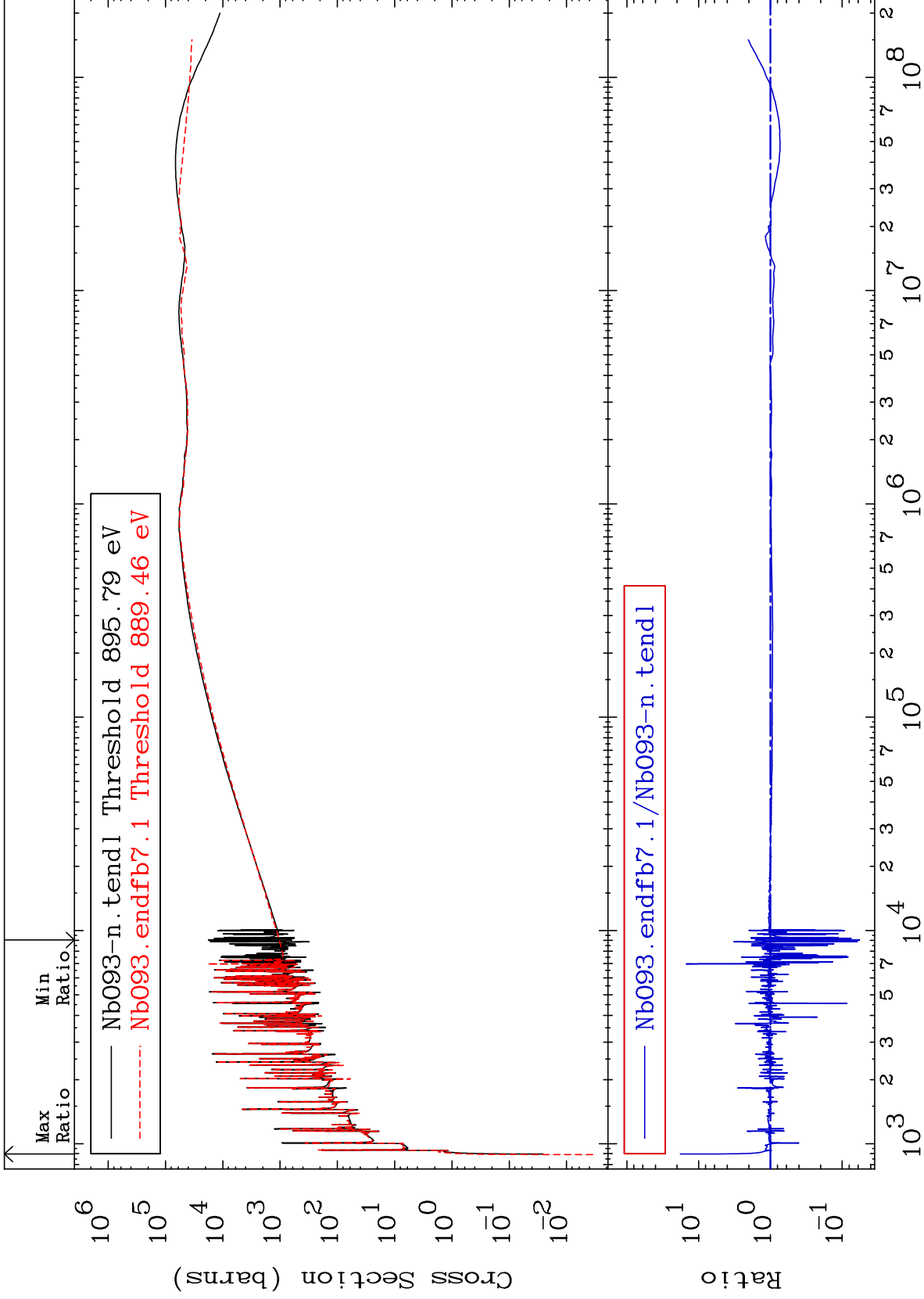
Total photon (eV-barns)
Cross Section

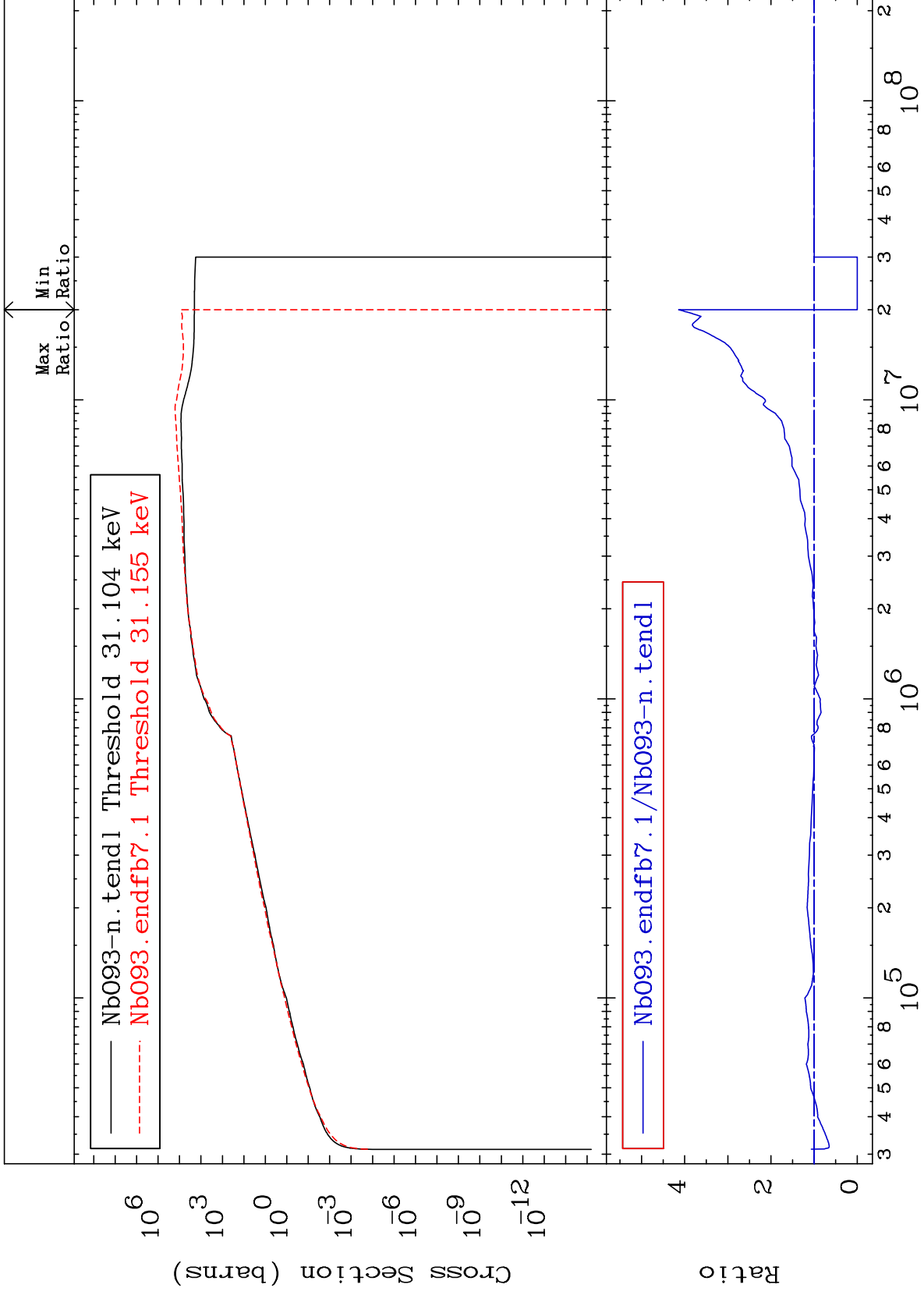
41-Nb-93
-100.0 To 31.79 %







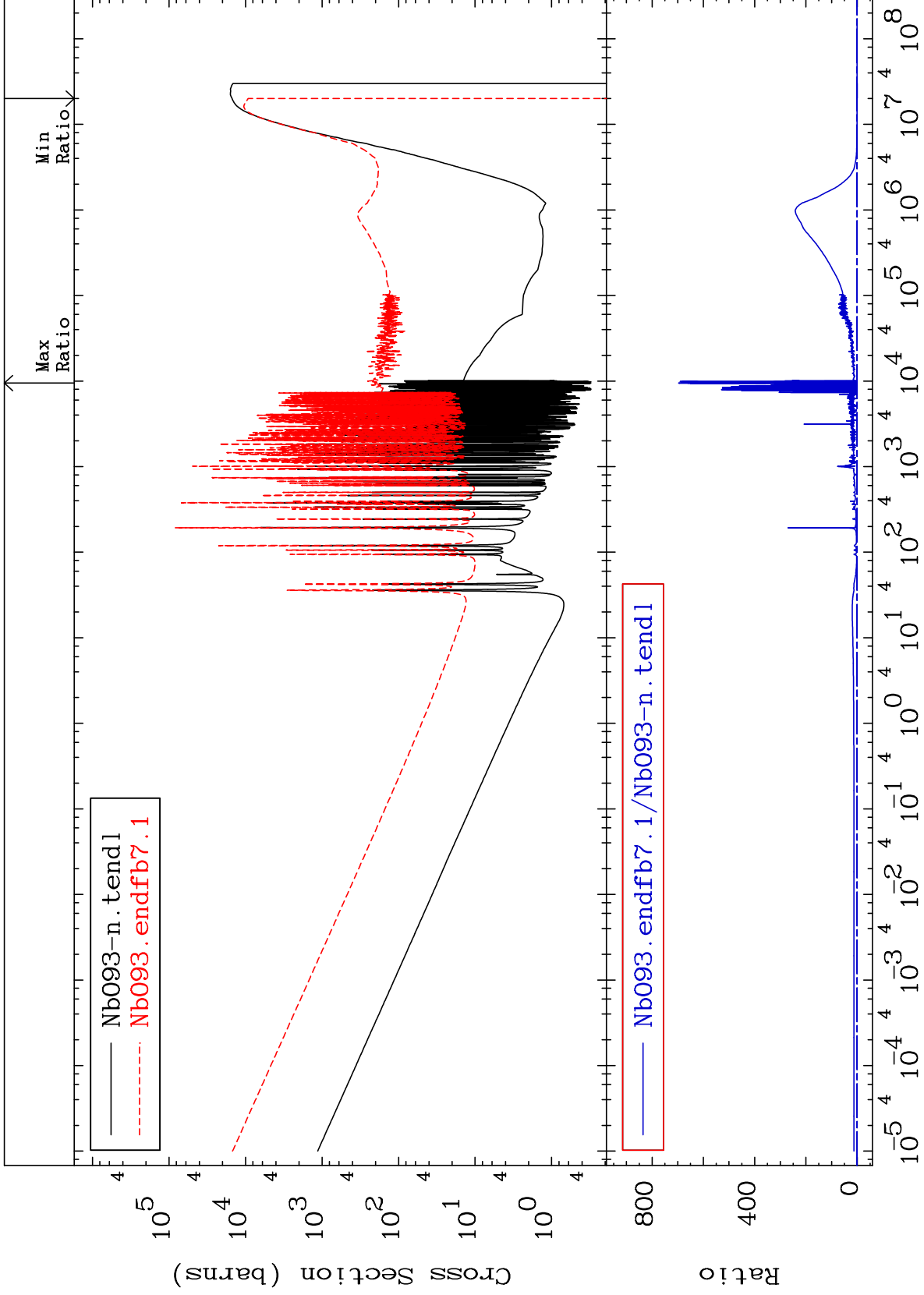




MAT 4125

Dpa disappearance (mt102 -120)
Cross Section

41-Nb-93
-100.0 To 9999. %



MAT 4125

Inelastic: 41-Nb-93m1

41-Nb-93

Radionuclide Production Cross Section -100.0 To 52.05 %

