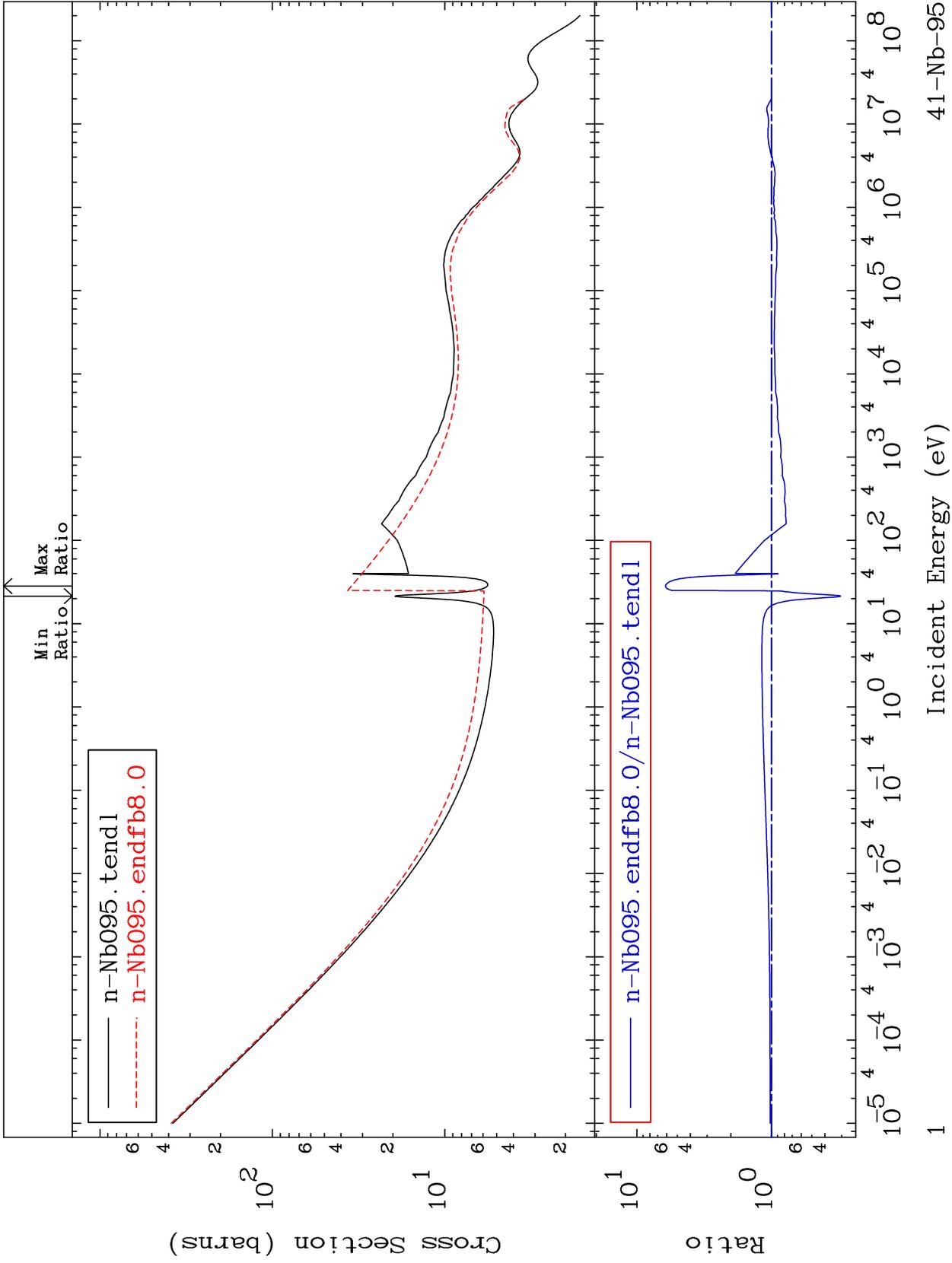


MAT 4131

Total Cross Section
41-Nb-95
-69.54 To 512.4 %



41-Nb-95

Incident Energy (eV)

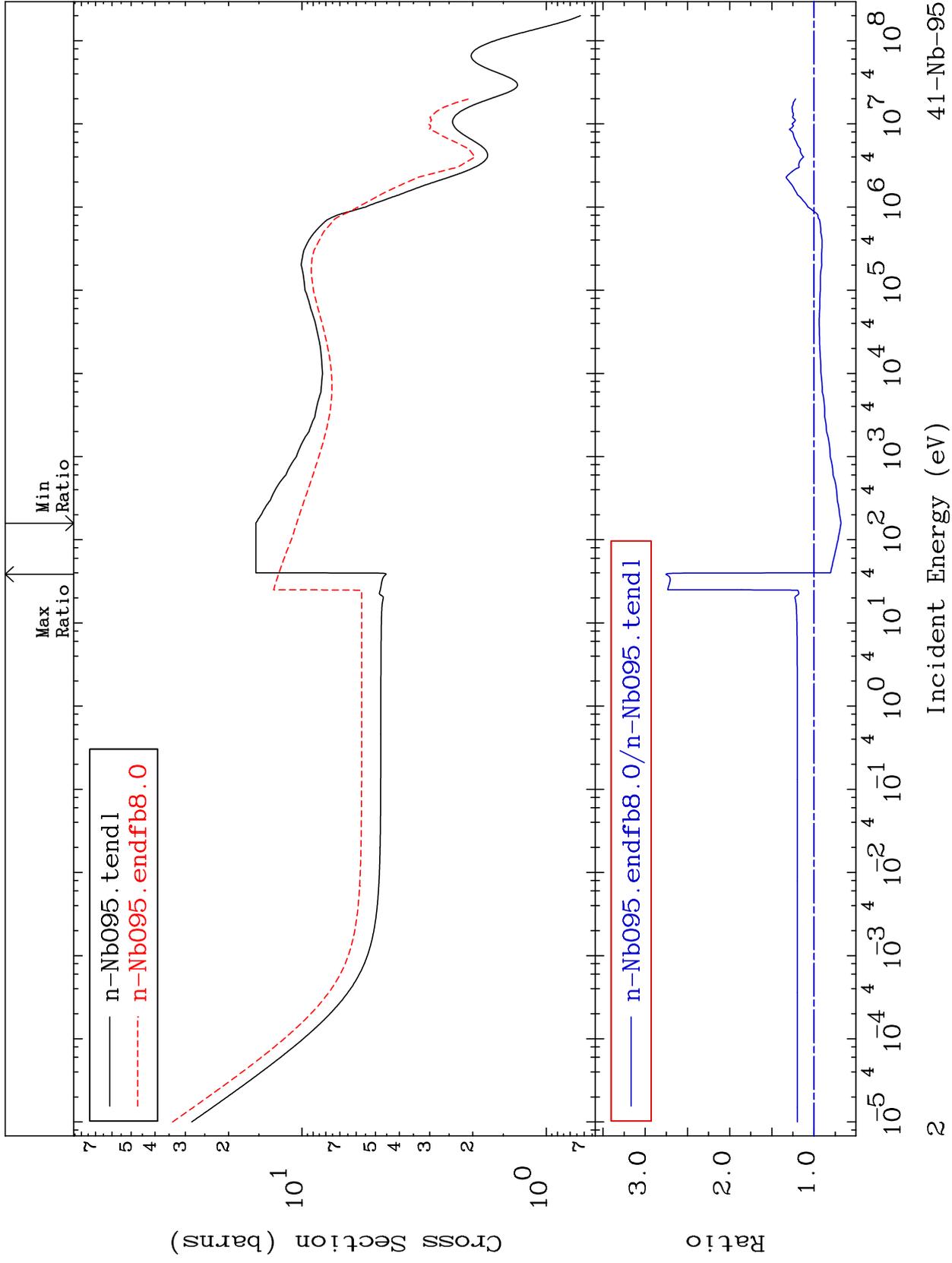
MAT 4131

Elastic

41-Nb-95

Cross Section

-31.86 To 175.4 %

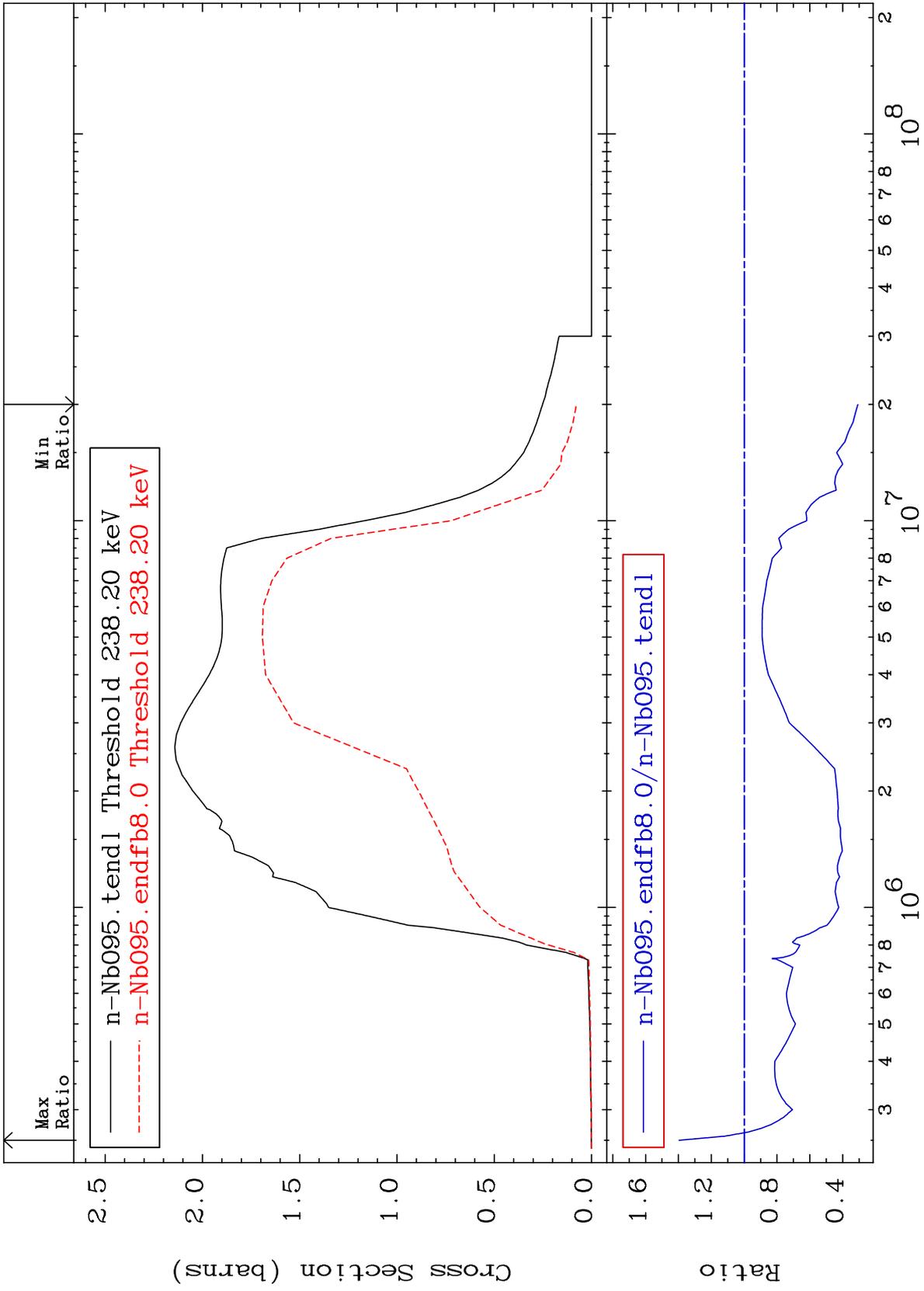


41-Nb-95

MAT 4131

Inelastic
Cross Section

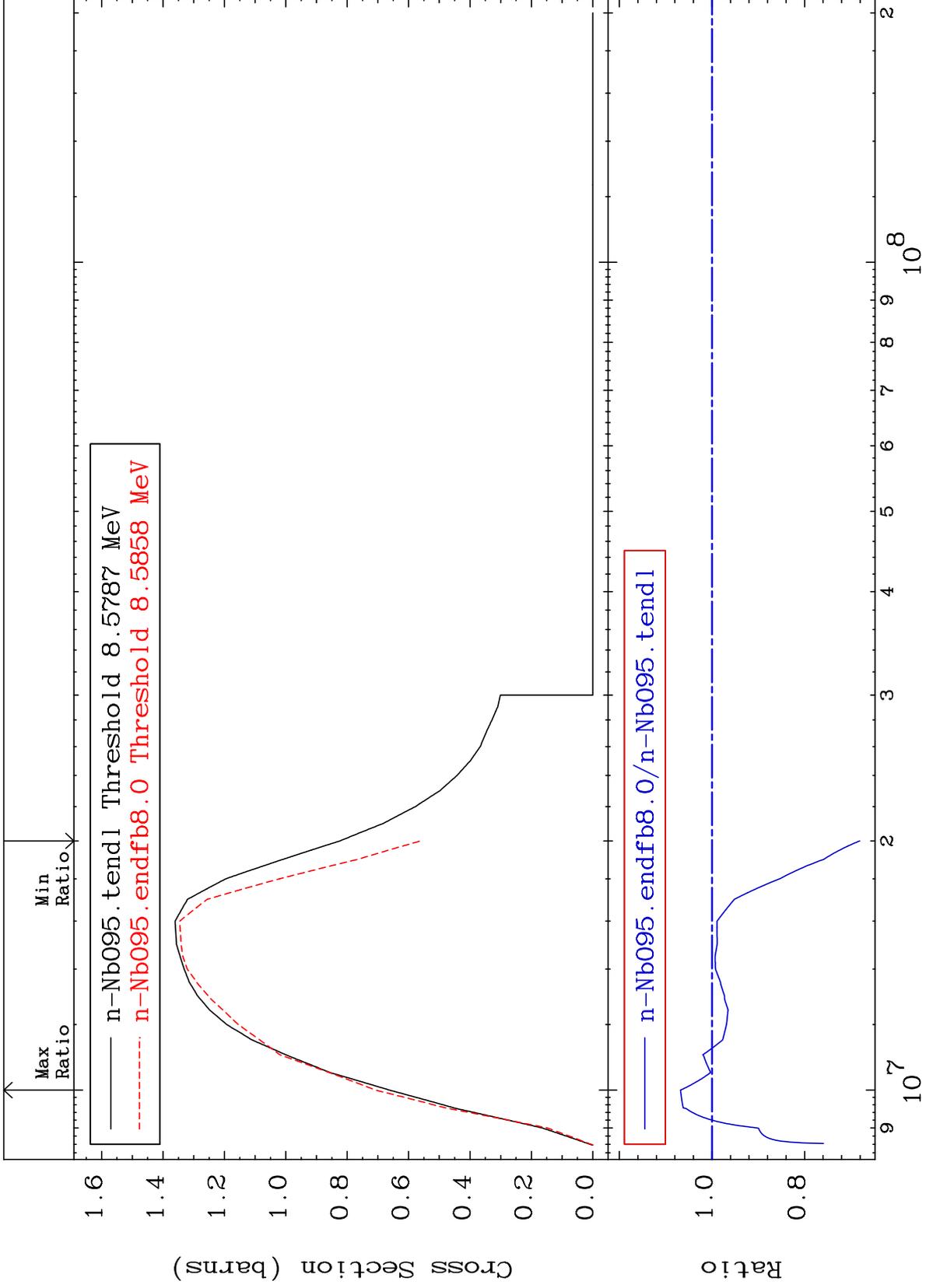
41-Nb-95
-69.29 To 39.63 %



MAT 4131

(n,2n)
Cross Section

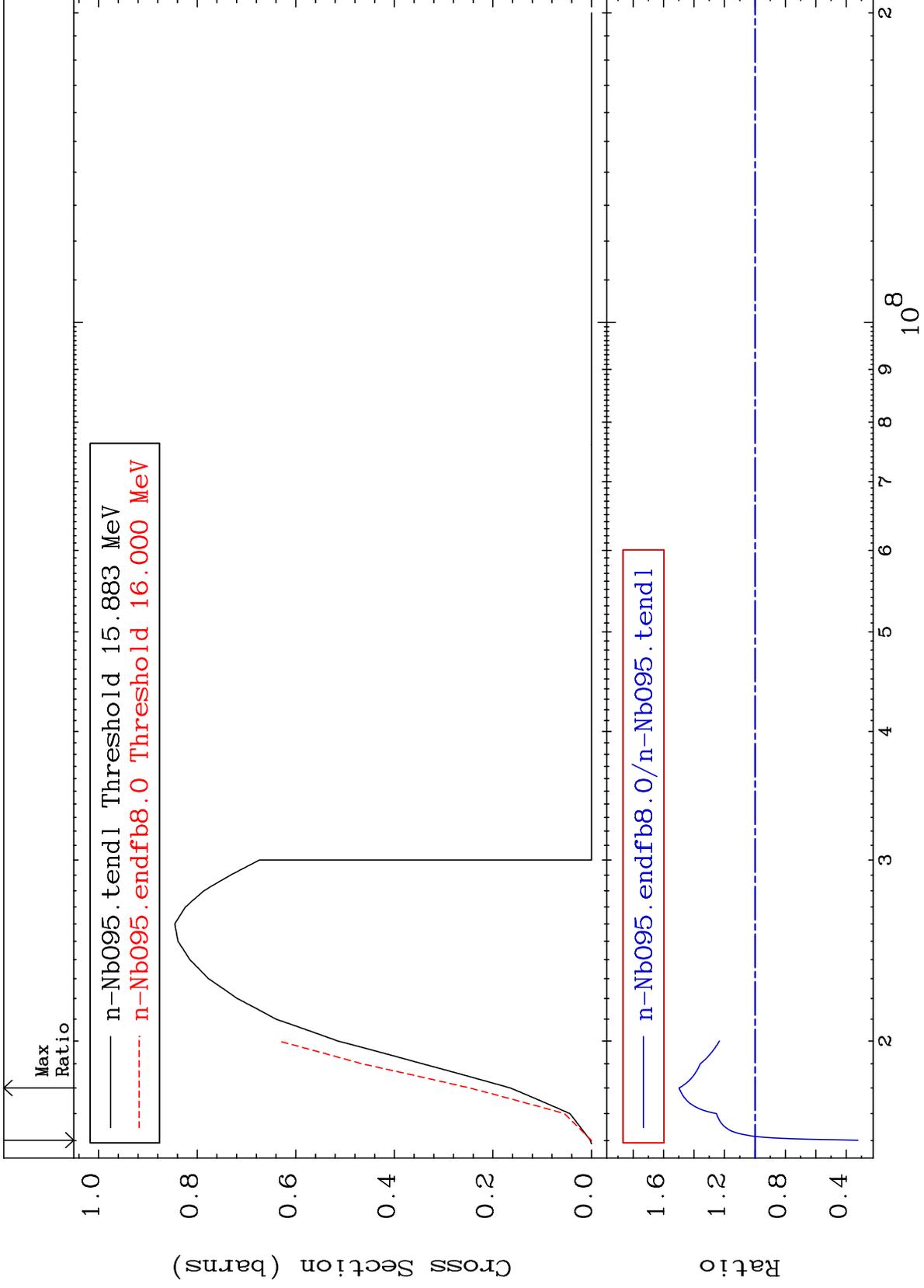
41-Nb-95
-31.92 To 6.792 %



MAT 4131

(n,3n)
Cross Section

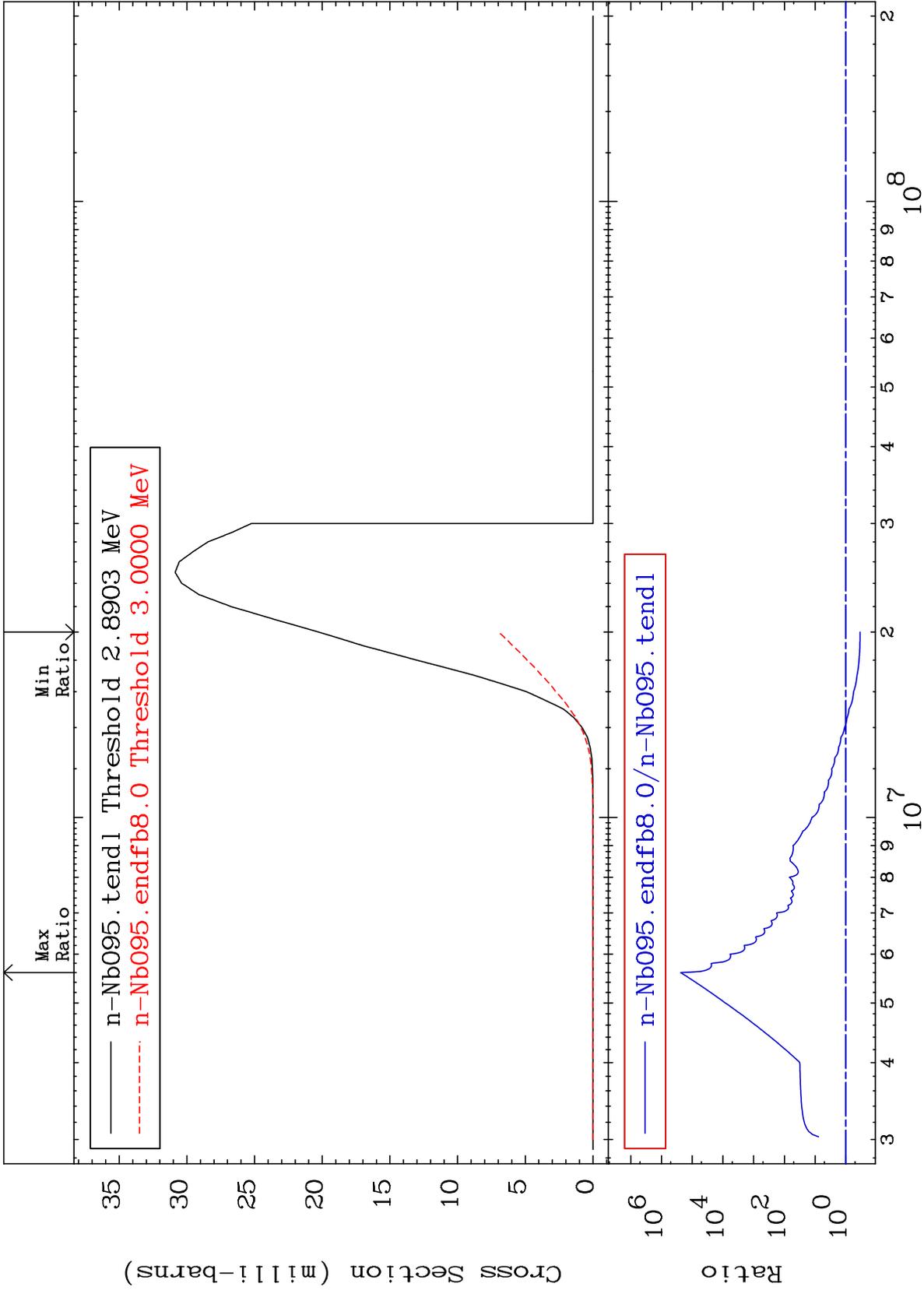
41-Nb-95
-67.65 To 49.87 %



MAT 4131

(n,n') α
Cross Section

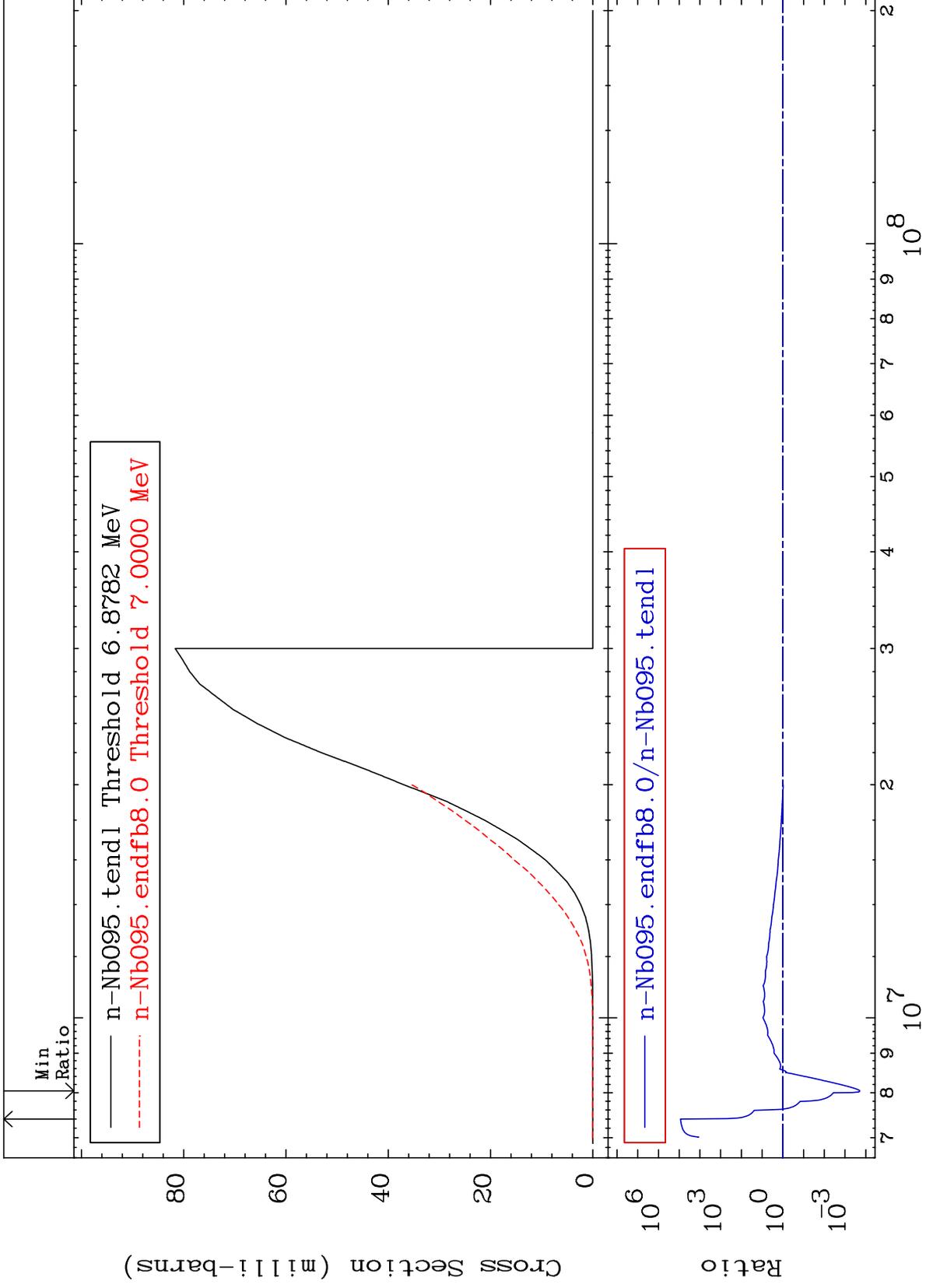
41-Nb-95
-65.55 To 9999. %



MAT 4131

(n,n') p
Cross Section

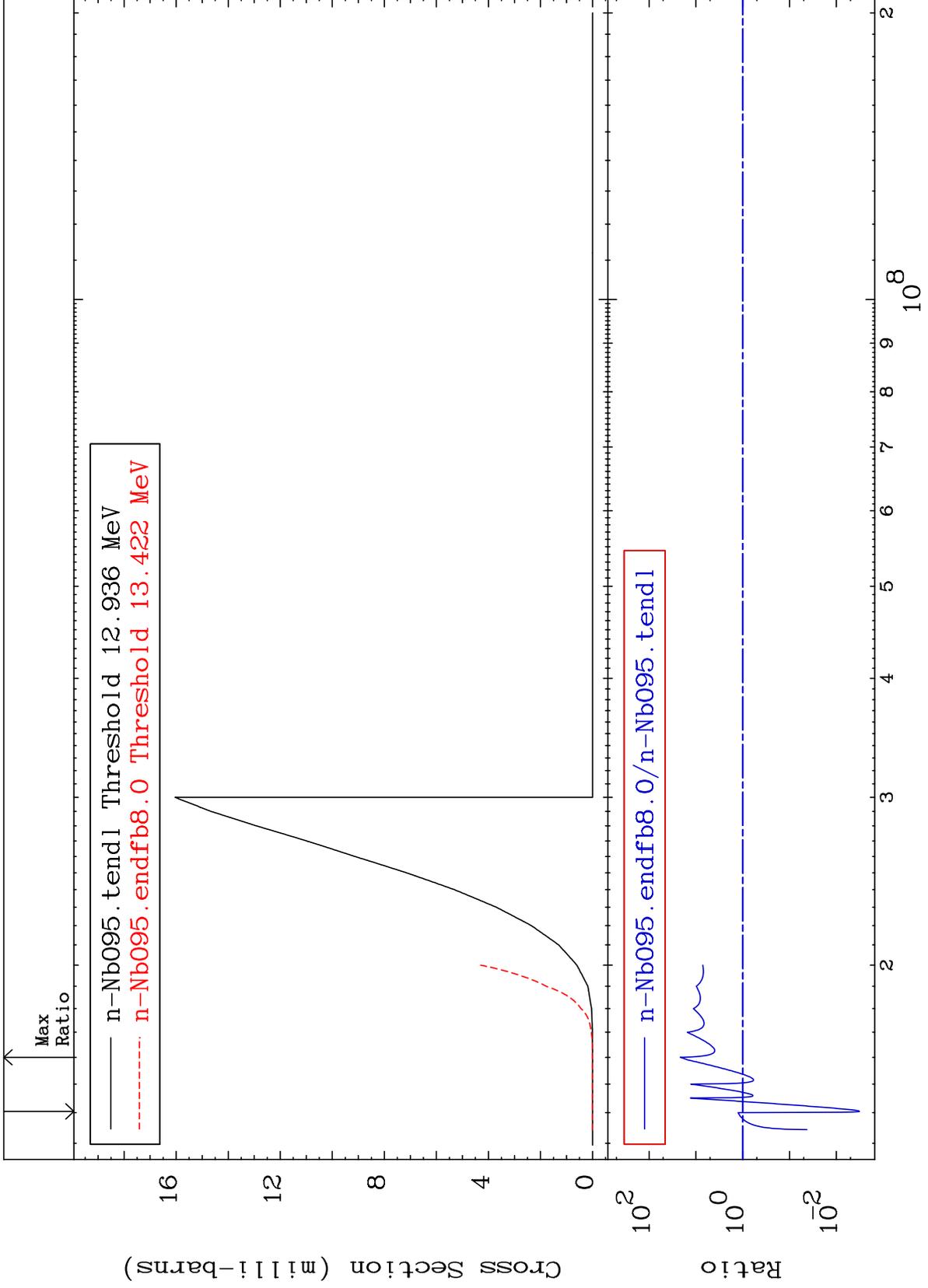
41-Nb-95
-99.98 To 9999. %



7

Incident Energy (eV)

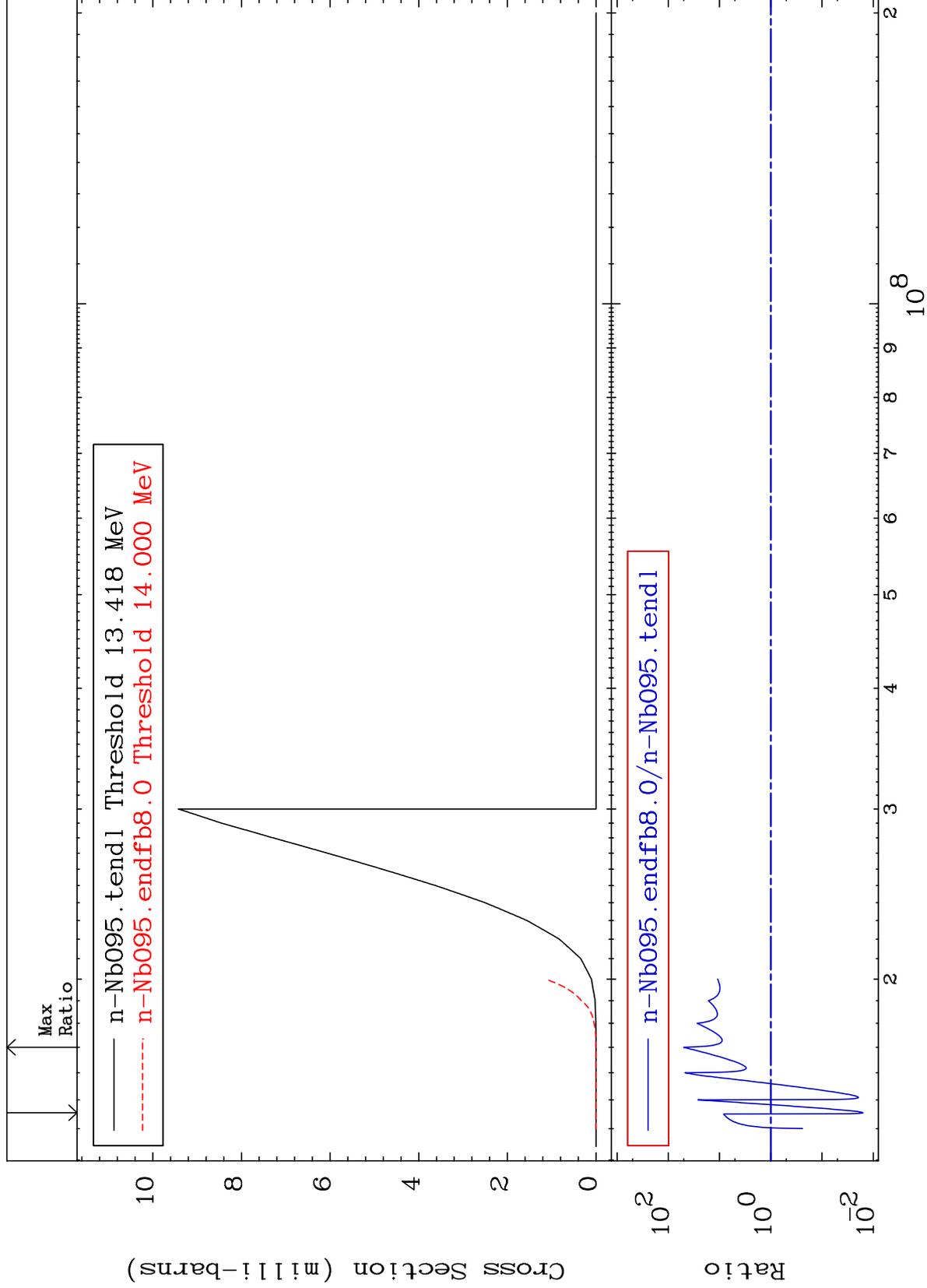
41-Nb-95



MAT 4131

(n,n') t
Cross Section

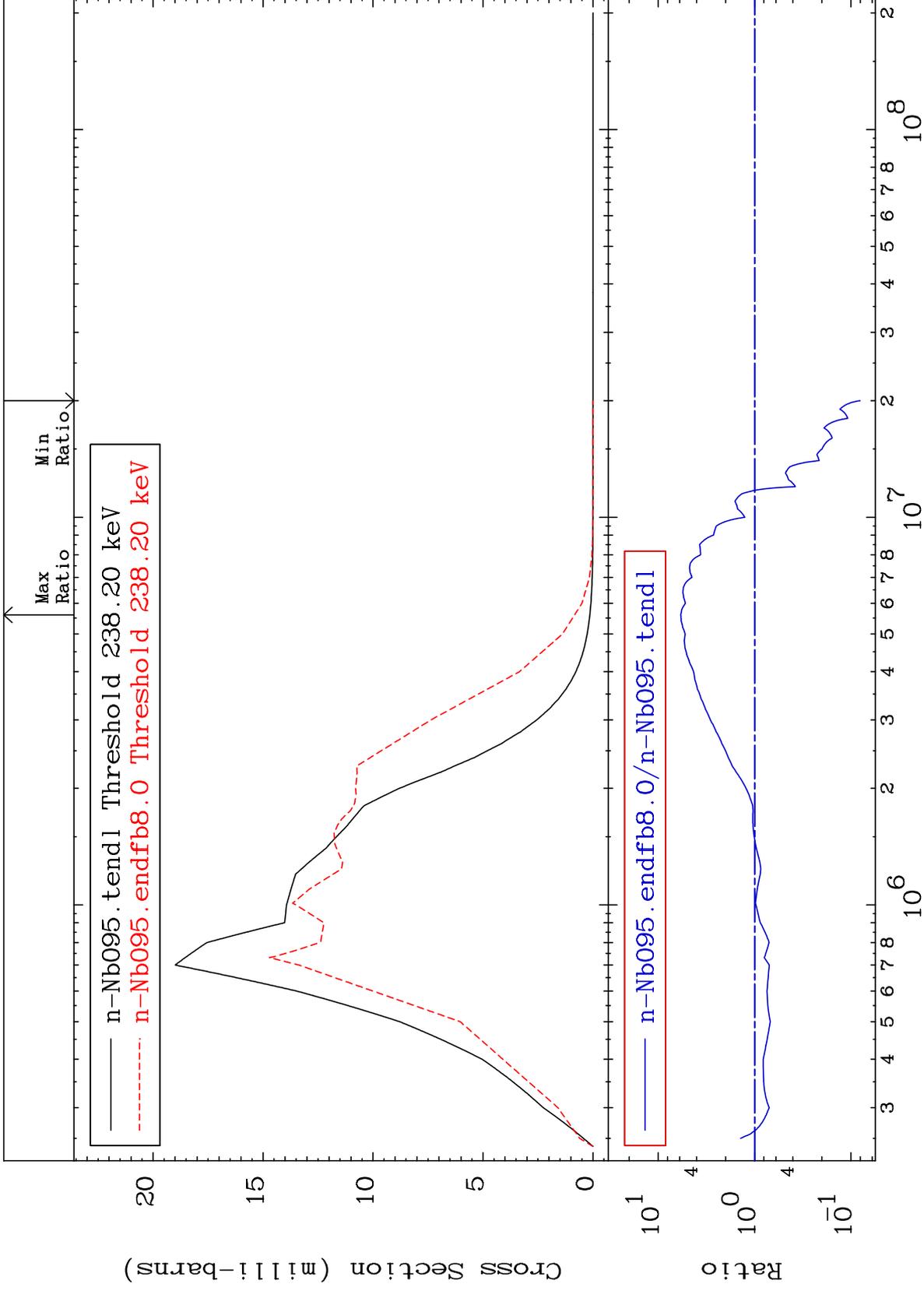
41-Nb-95
-98.42 To 4889. %



MAT 4131

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

41-Nb-95
-91.97 To 483.7 %



10

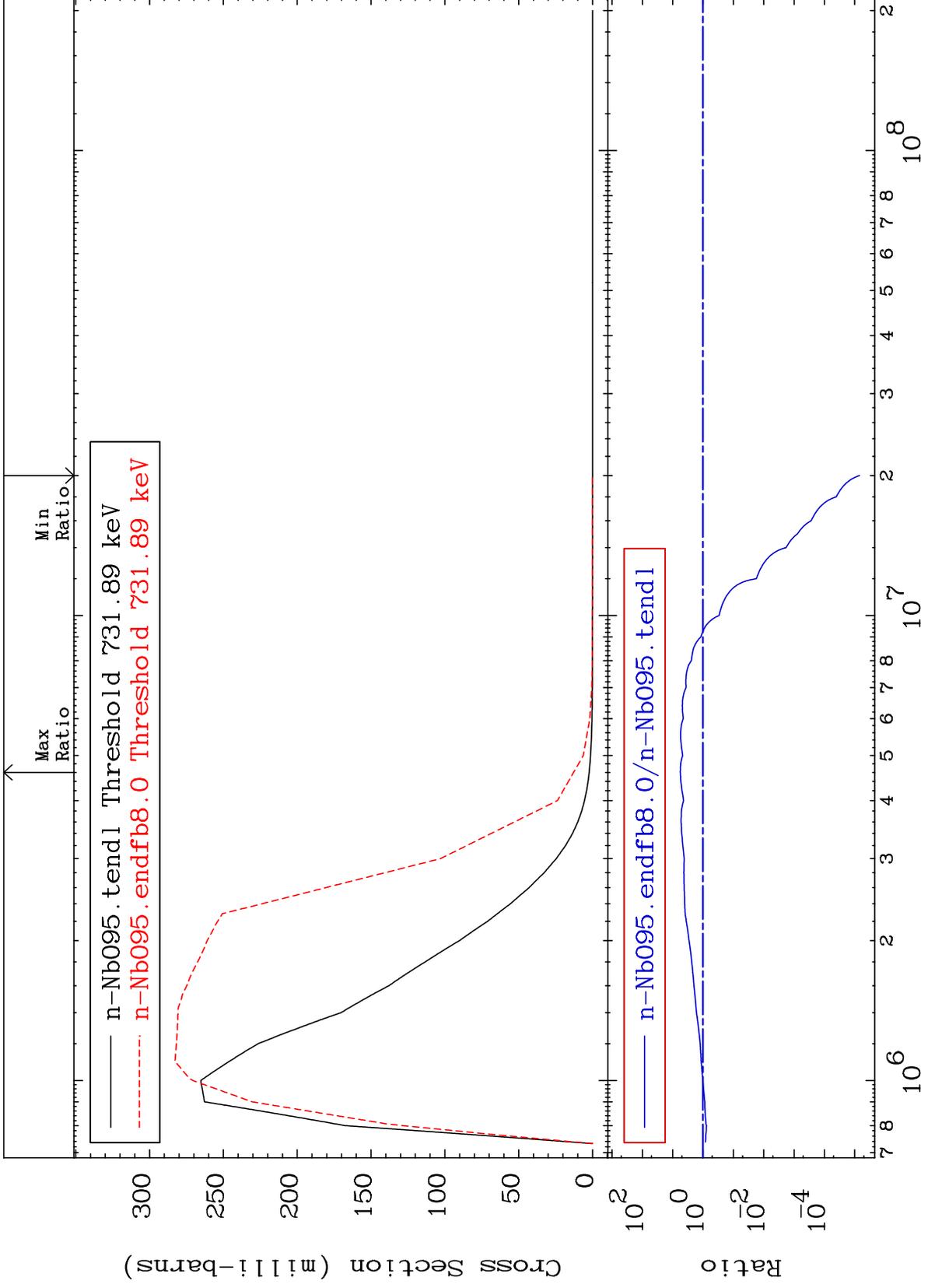
Incident Energy (eV)

41-Nb-95

MAT 4131

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

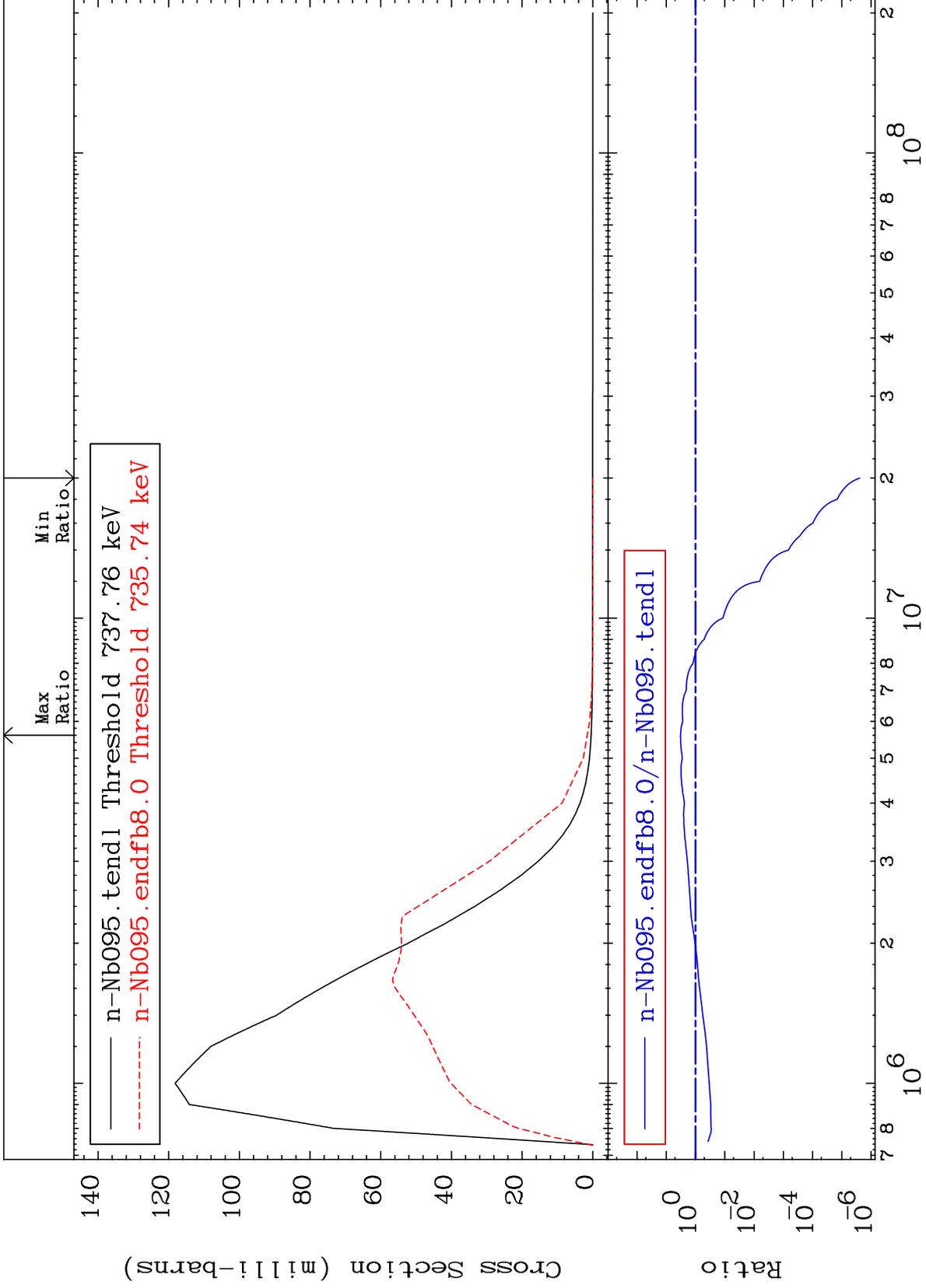
41-Nb-95
-100.0 To 463.3 %



MAT 4131

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

41-Nb-95
-100.0 To 225.4 %



12

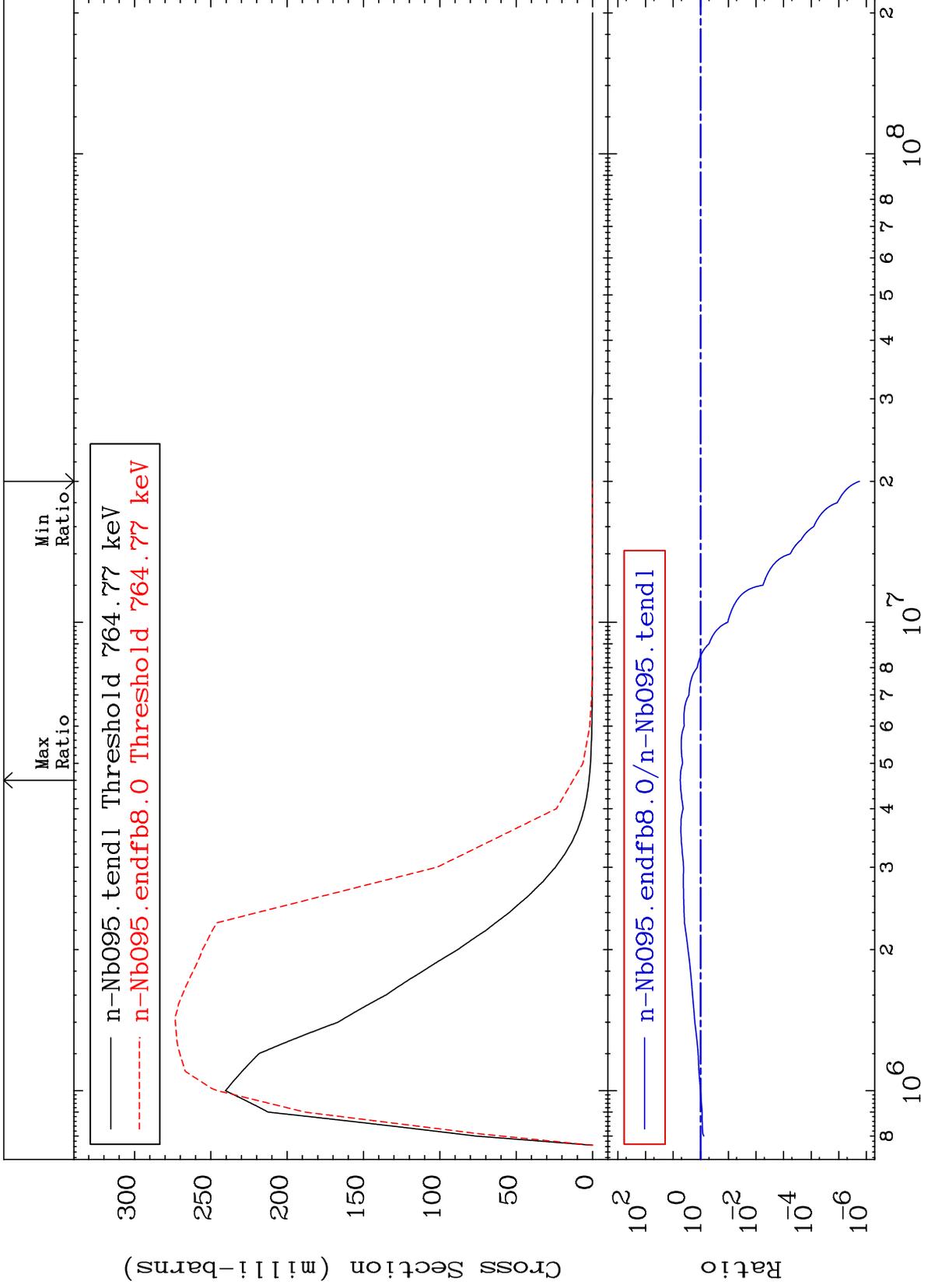
Incident Energy (eV)

41-Nb-95

MAT 4131

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

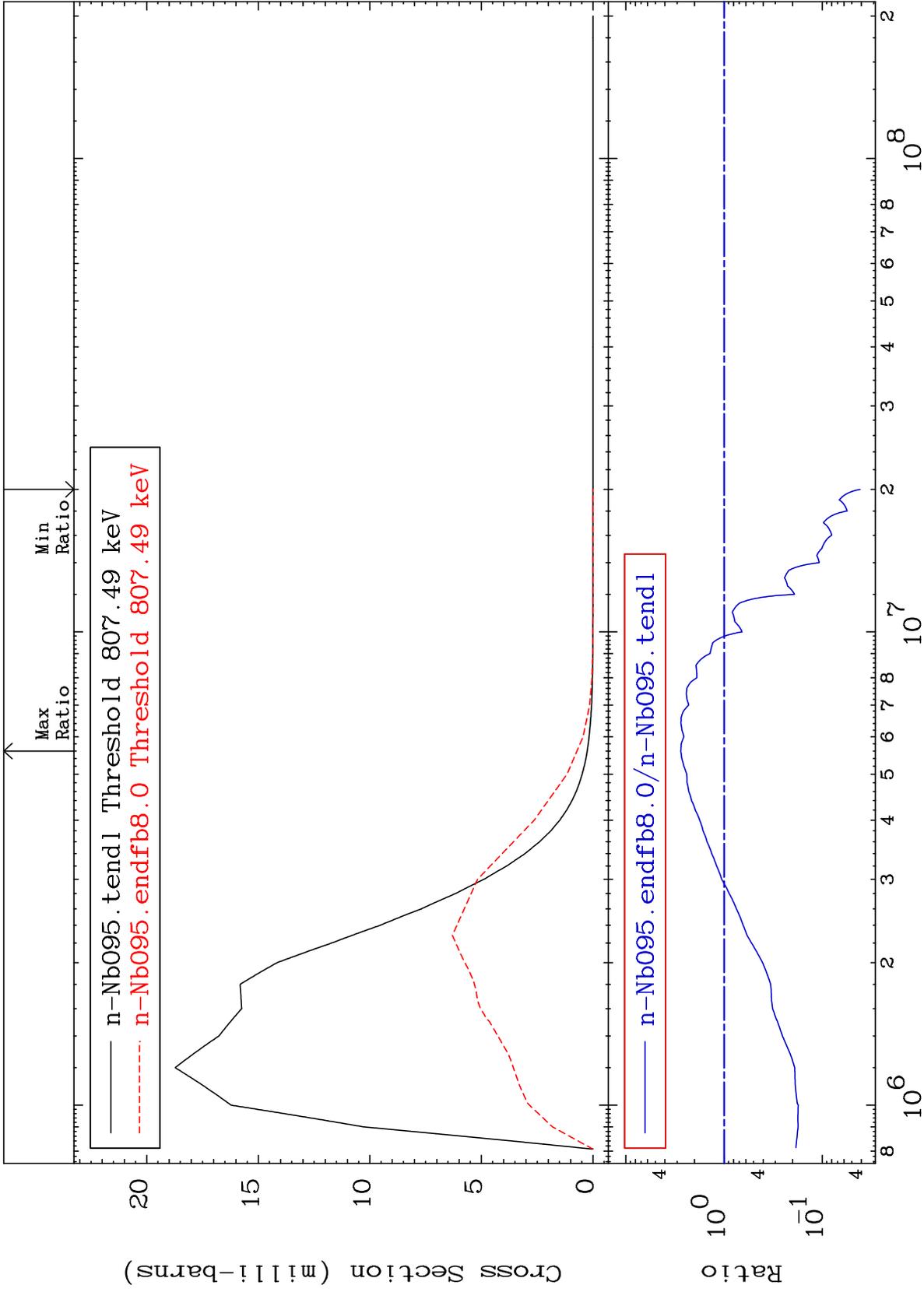
41-Nb-95
-100.0 To 451.8 %



MAT 4131

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

41-Nb-95
-95.88 To 175.9 %



14

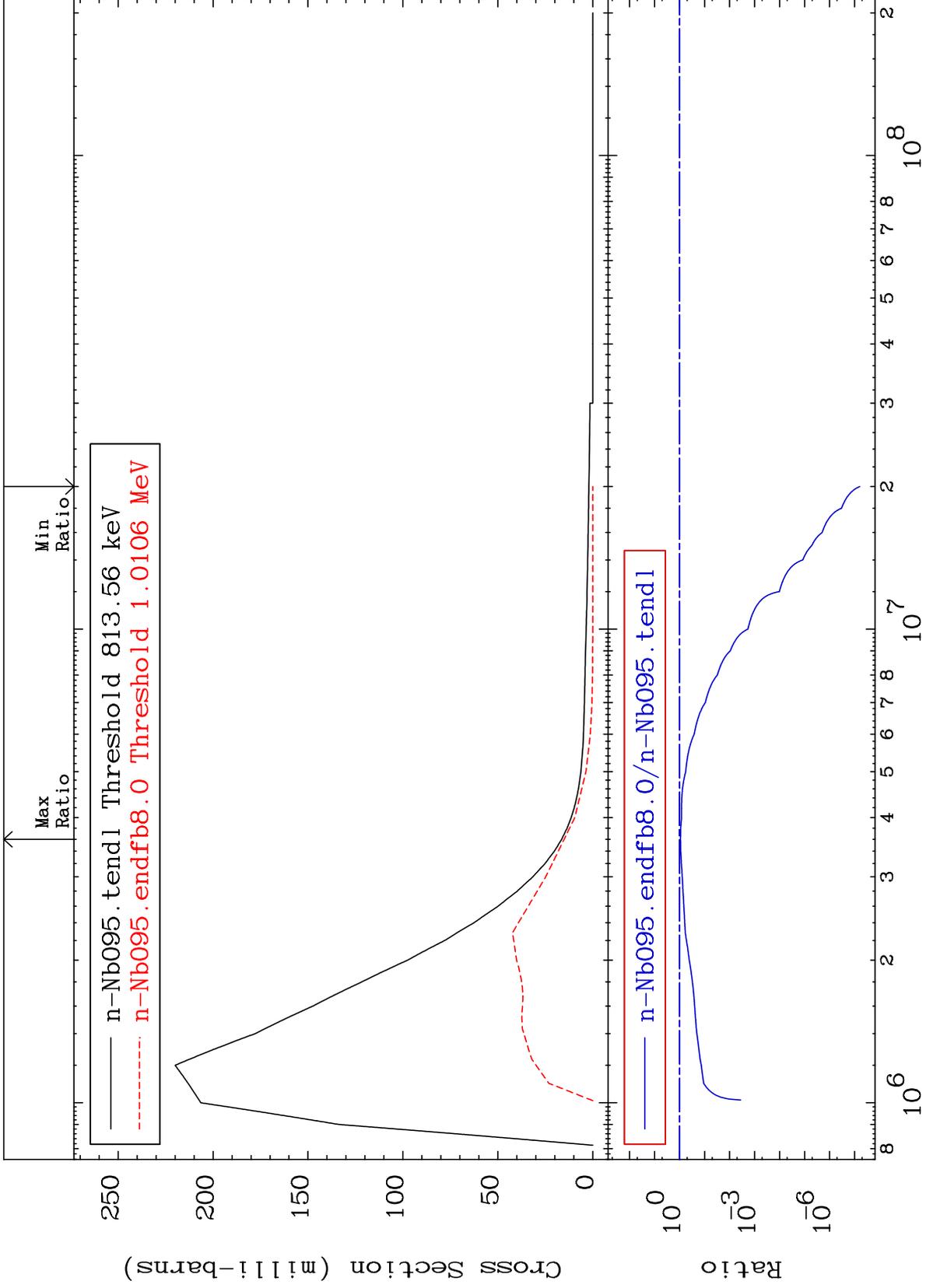
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-100.0 To -7.920%



15

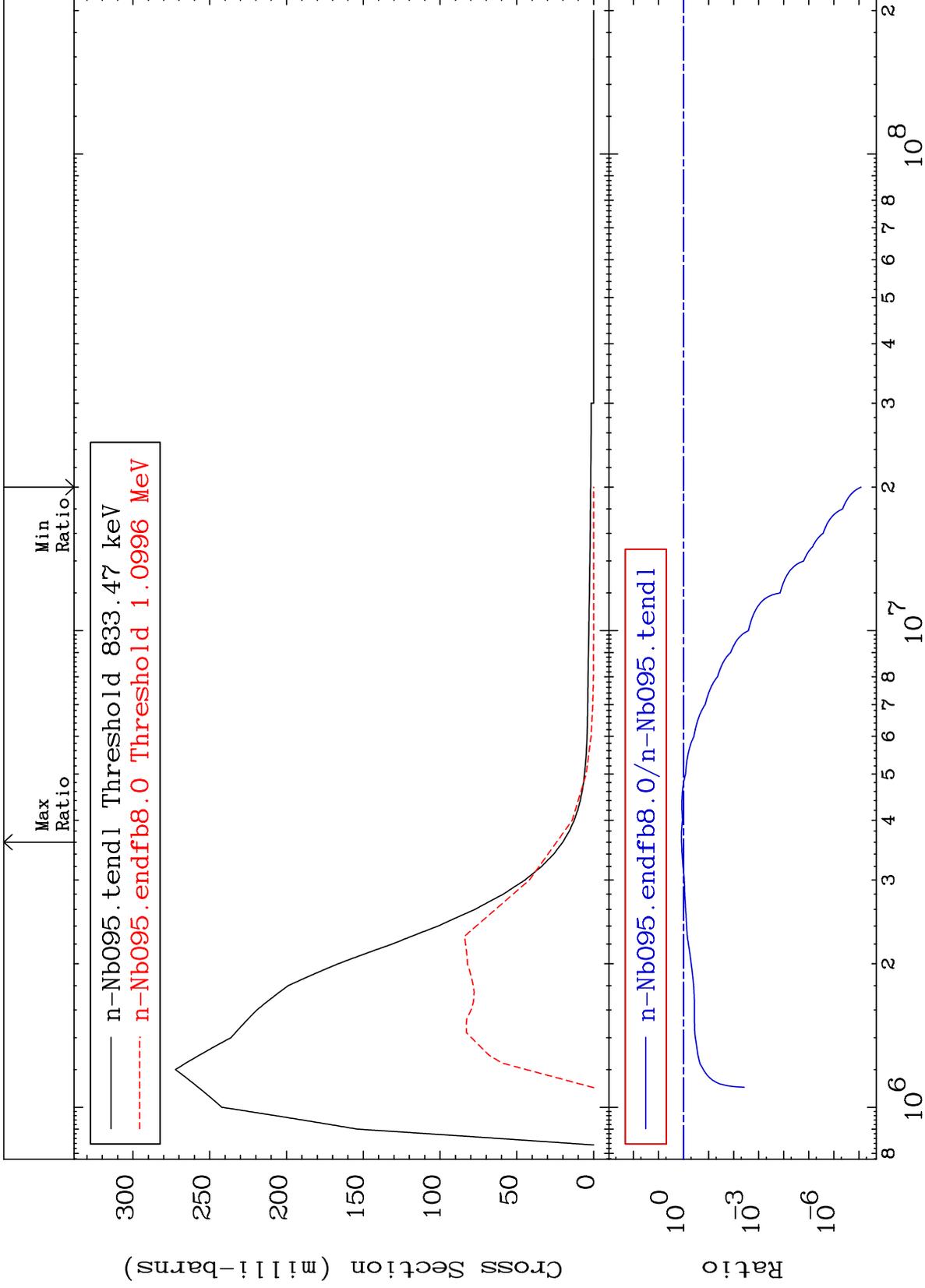
Incident Energy (eV)

41-Nb-95

MAT 4131

MT= 57 (n,n') Level
Cross Section

41-Nb-95
-100.0 To 20.35 %



16

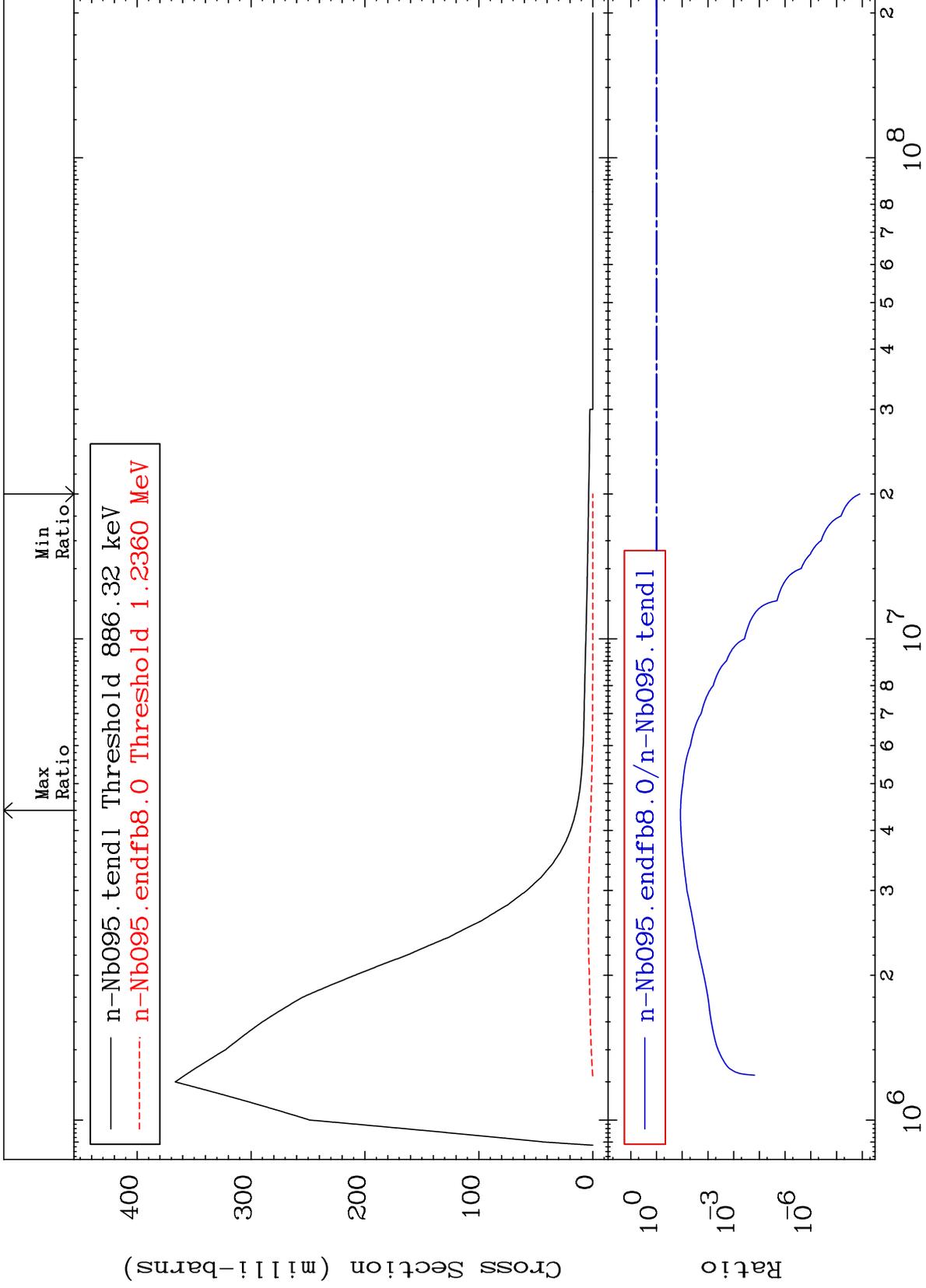
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-100.0 To -88.34%



17

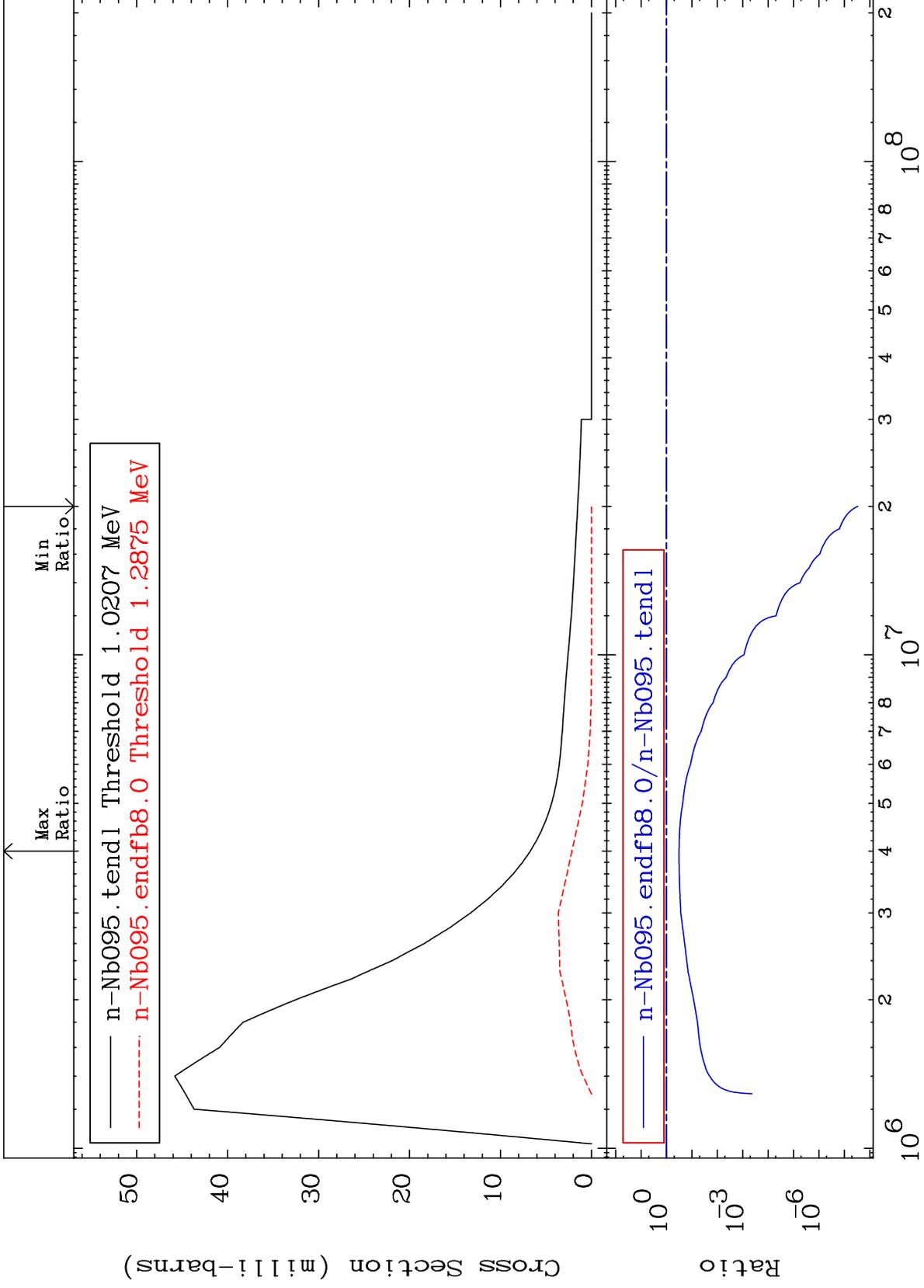
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-100.0 To -68.03%



18

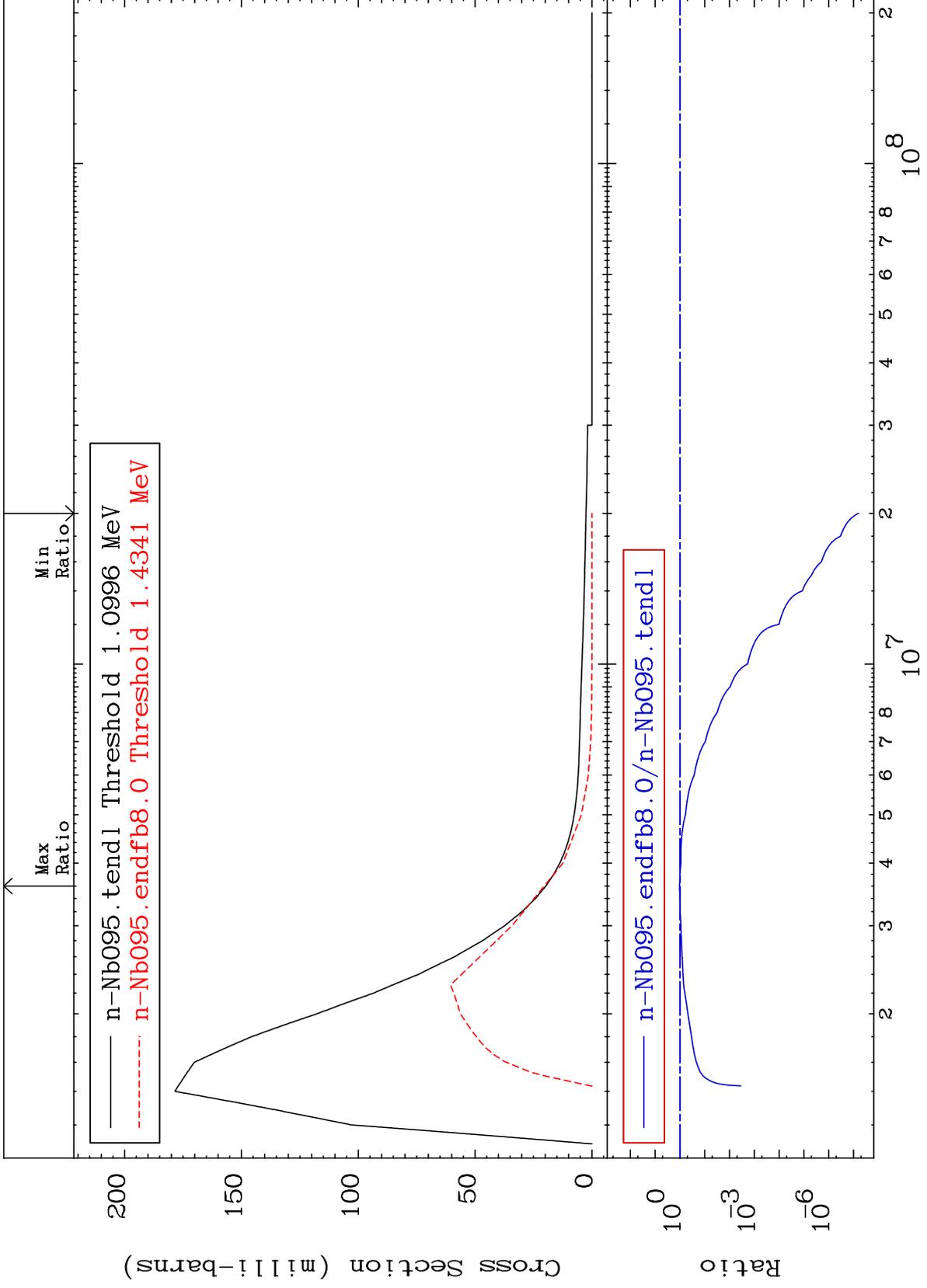
Incident Energy (eV)

41-Nb-95

MAT 4131

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

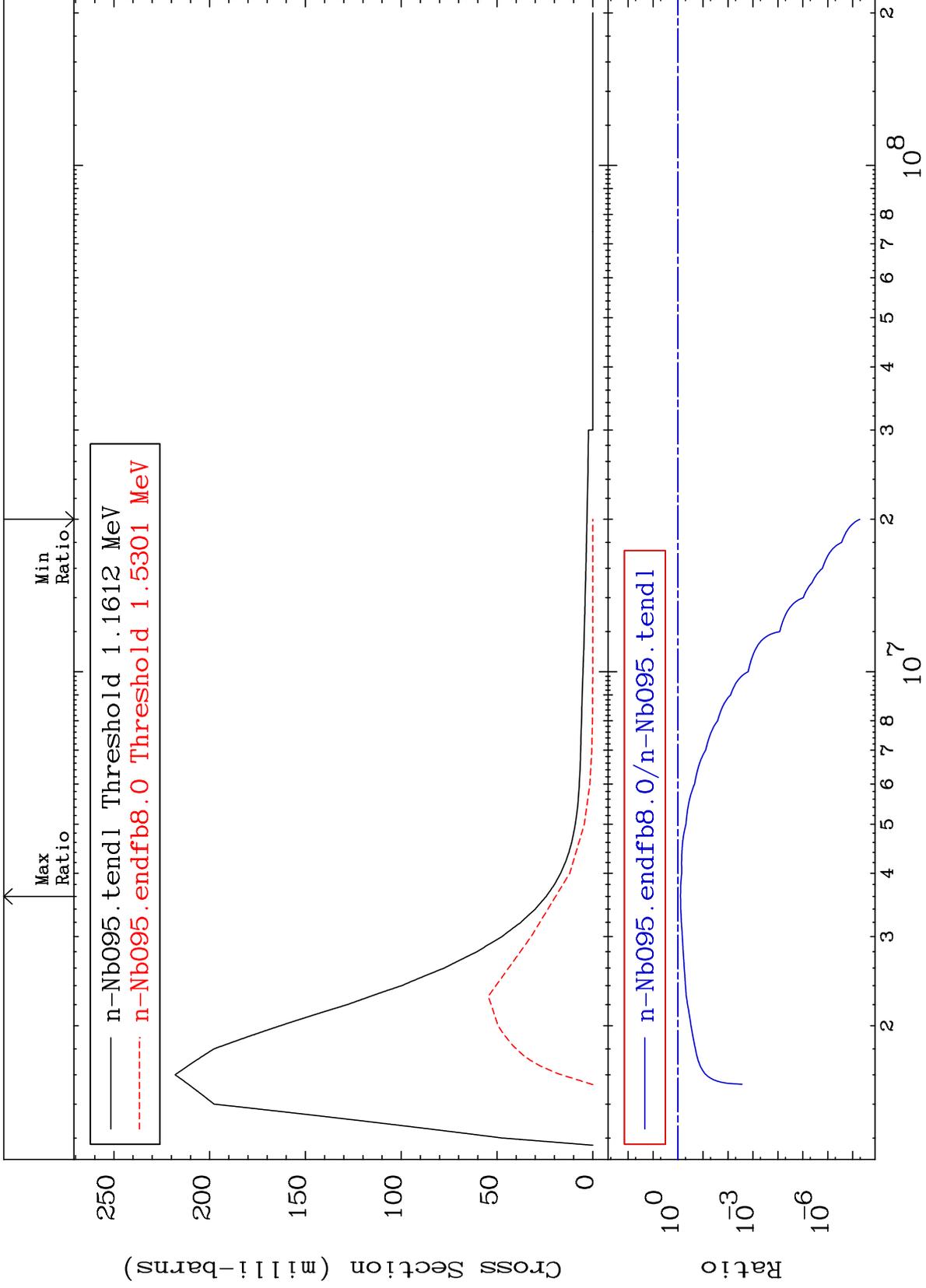
41-Nb-95
-100.0 To 3.533 %



MAT 4131

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

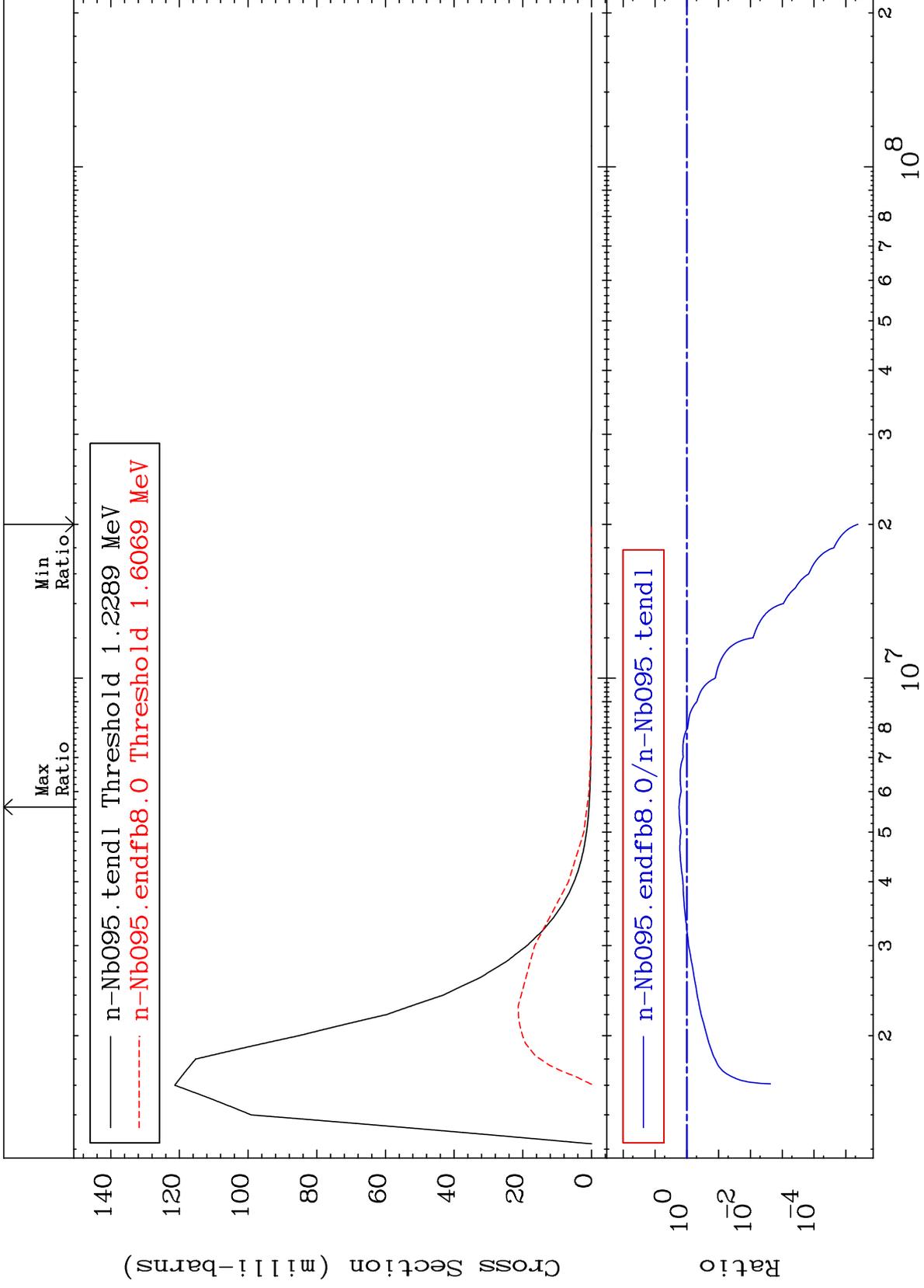
41-Nb-95
-100.0 To -20.25%



MAT 4131

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

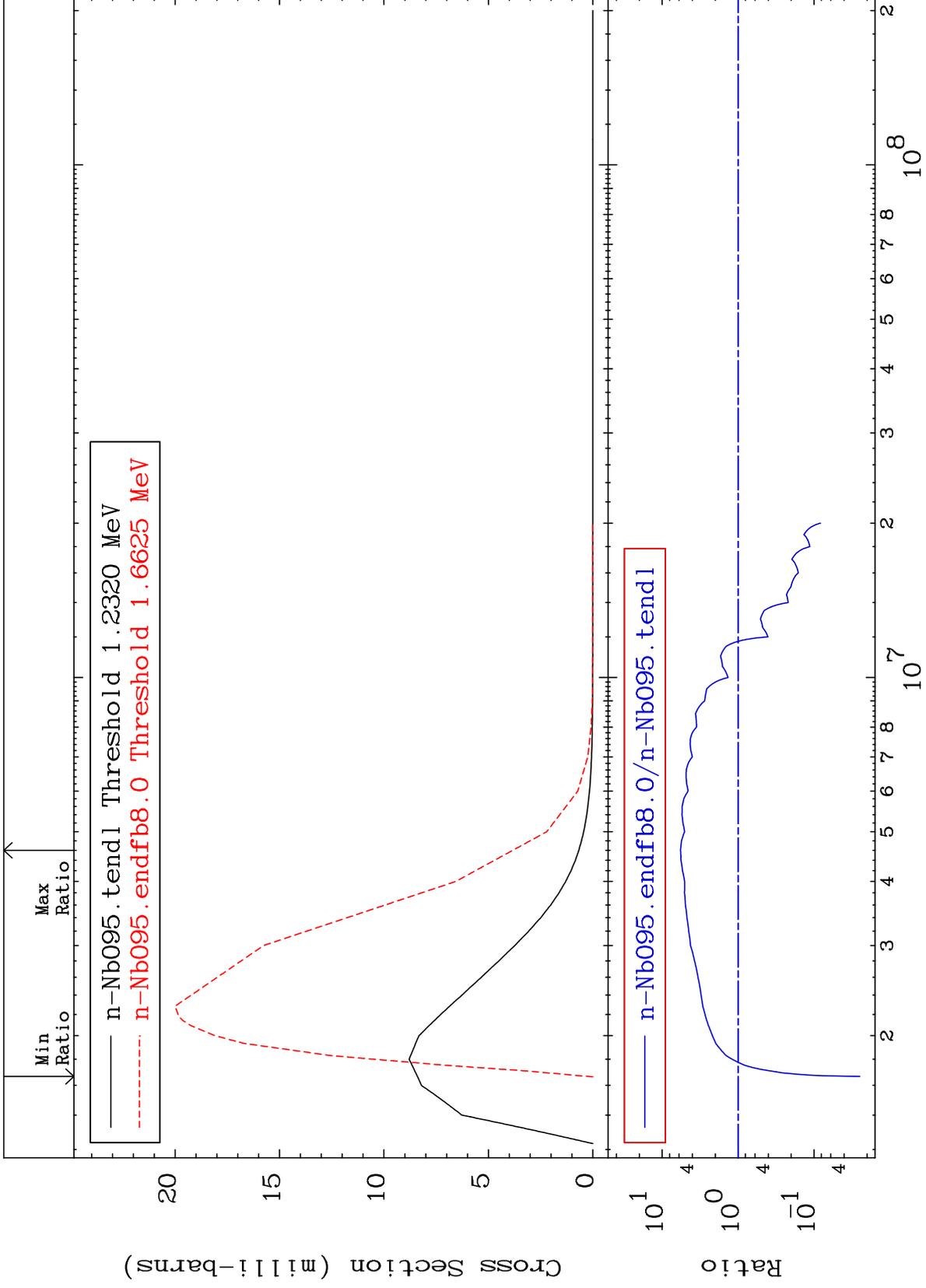
41-Nb-95
-100.0 To 76.15 %



MAT 4131

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

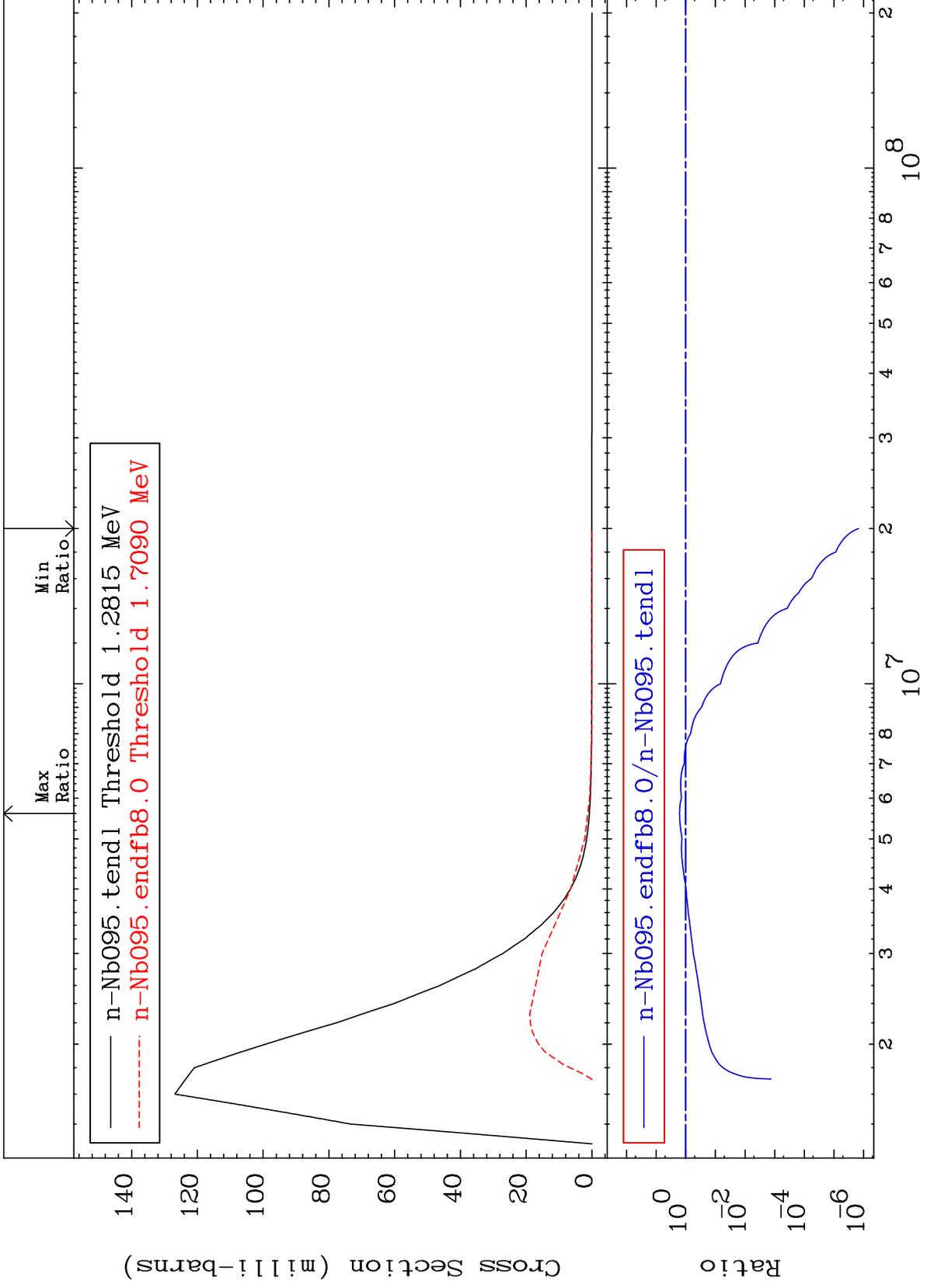
41-Nb-95
-97.51 To 473.4 %



MAT 4131

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

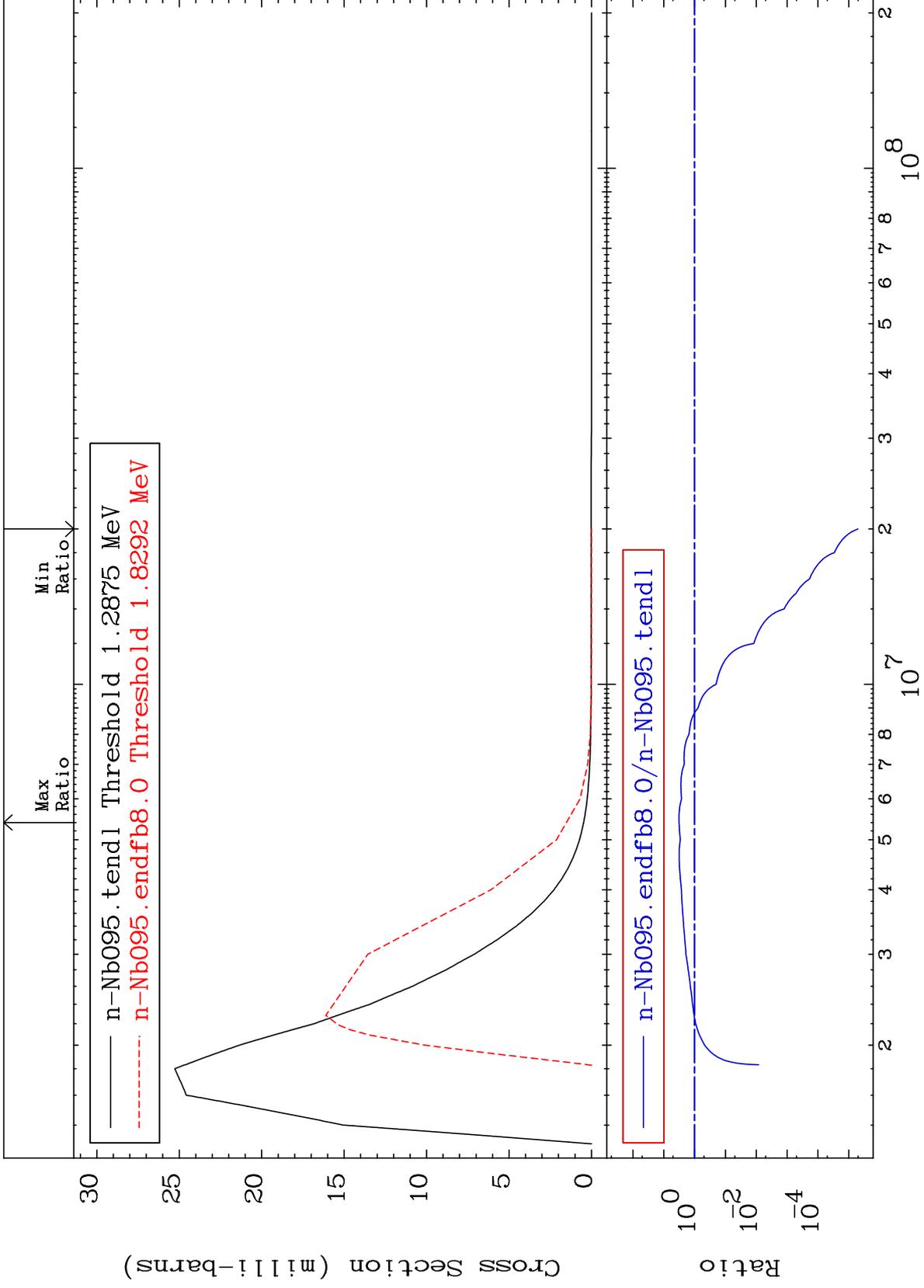
41-Nb-95
-100.0 To 63.15 %



MAT 4131

MT= 65 (n,n') Level
Cross Section

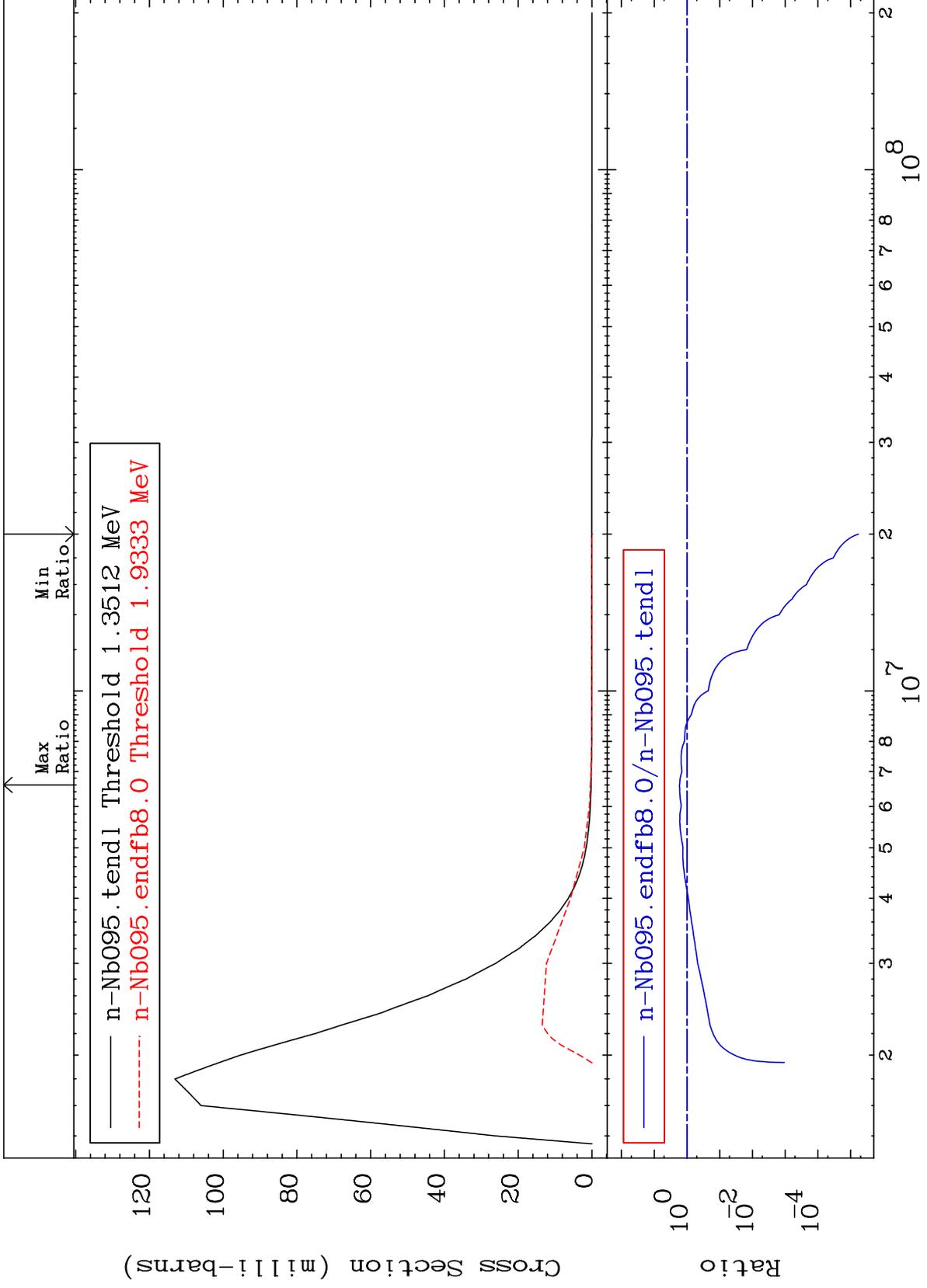
41-Nb-95
-100.0 To 219.6 %

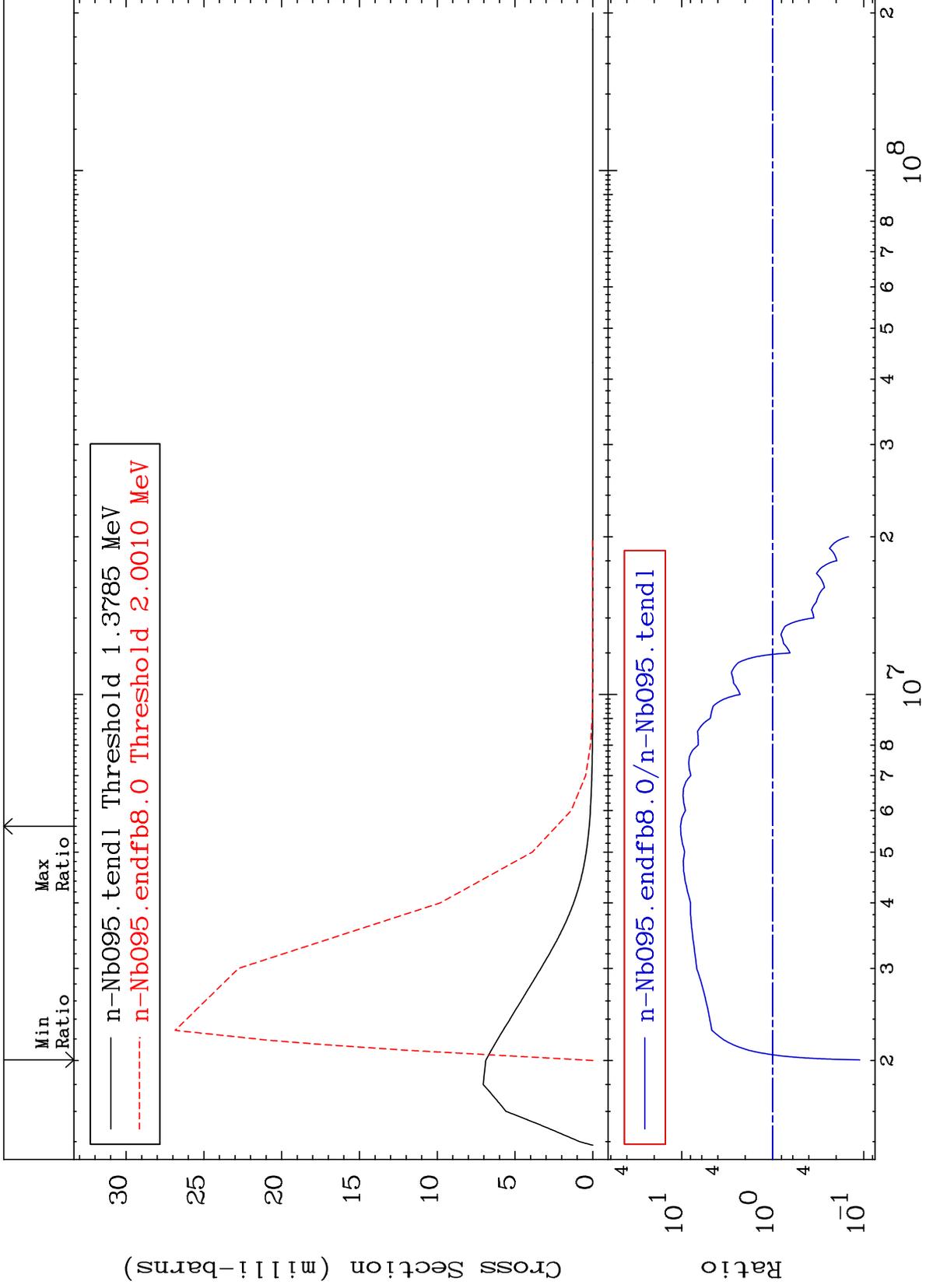


MAT 4131

MT= 66 (n,n') Level
Cross Section

41-Nb-95
-100.0 To 68.15 %

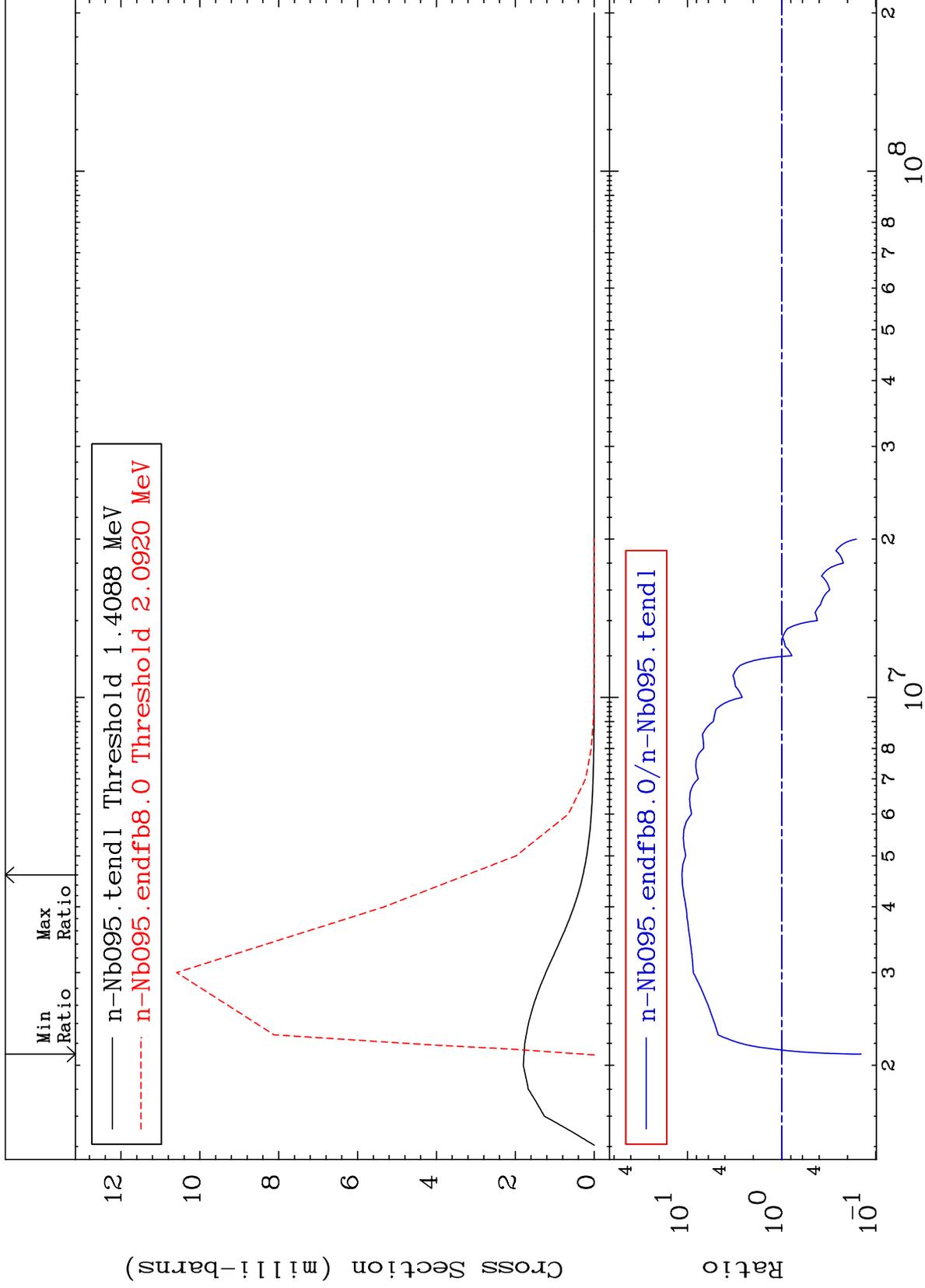


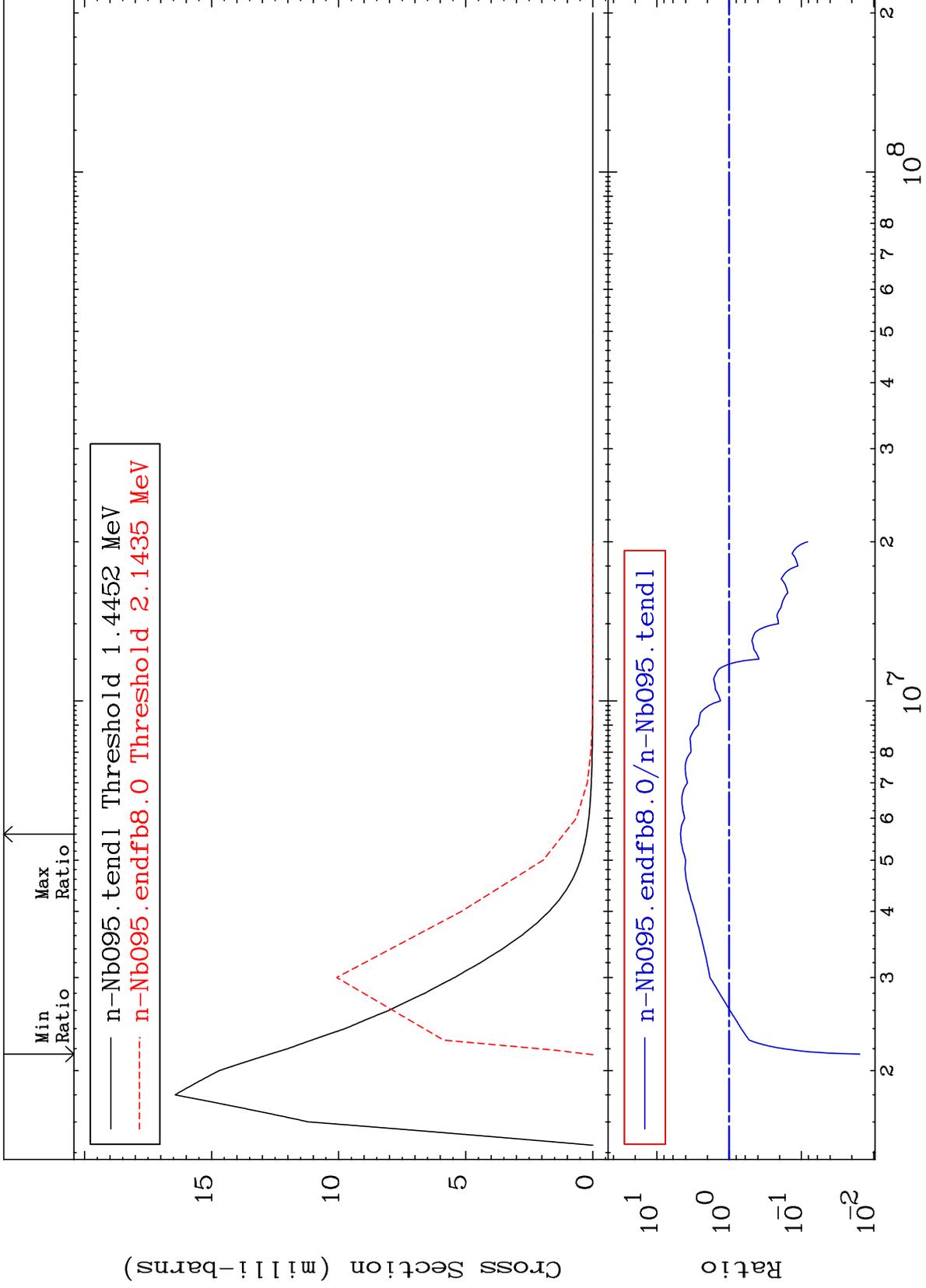


MAT 4131

MT= 68 (n,n') Level
Cross Section

41-Nb-95
-85.68 To 1043. %

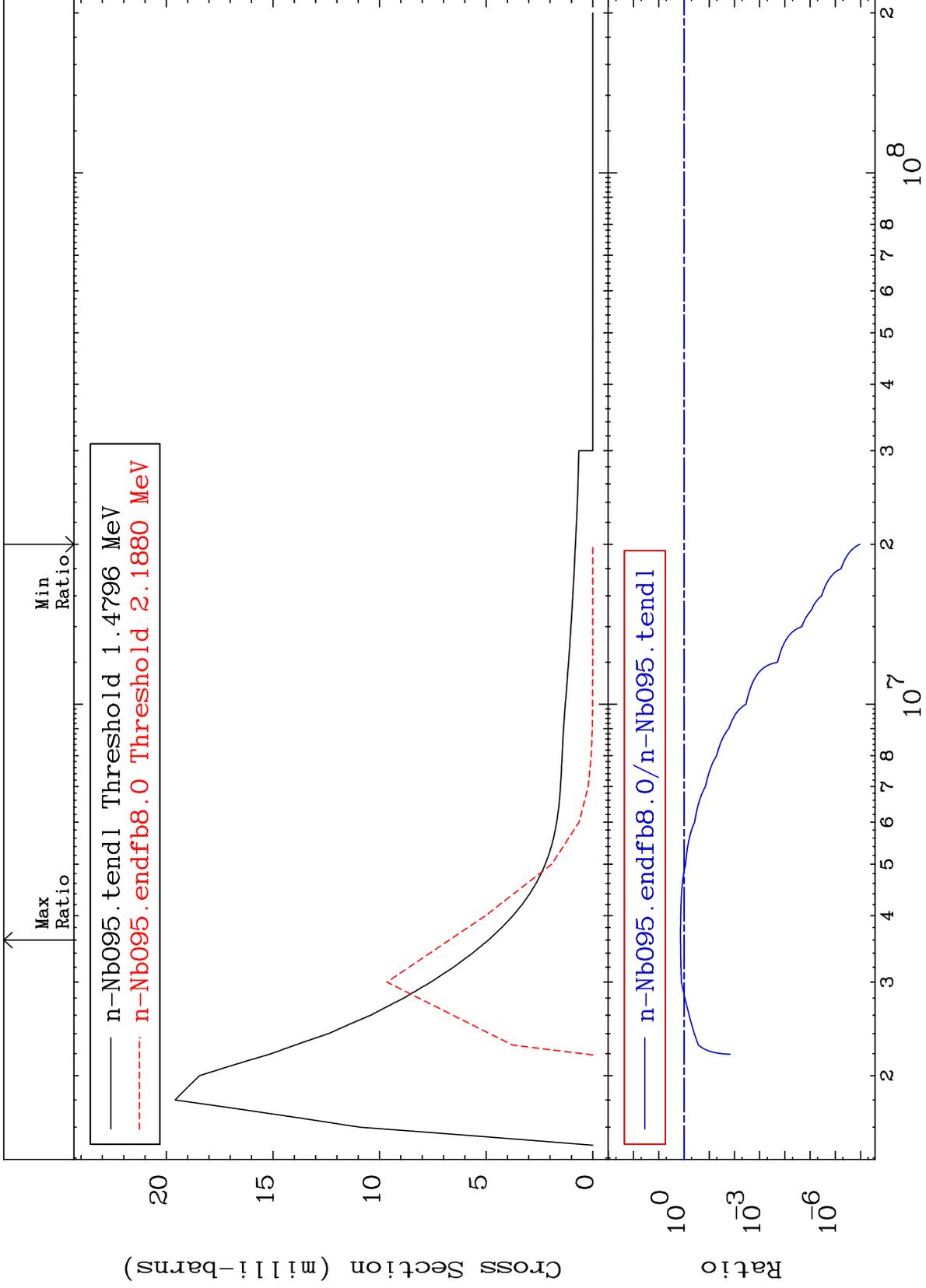




MAT 4131

MT= 70 (n,n') Level
Cross Section

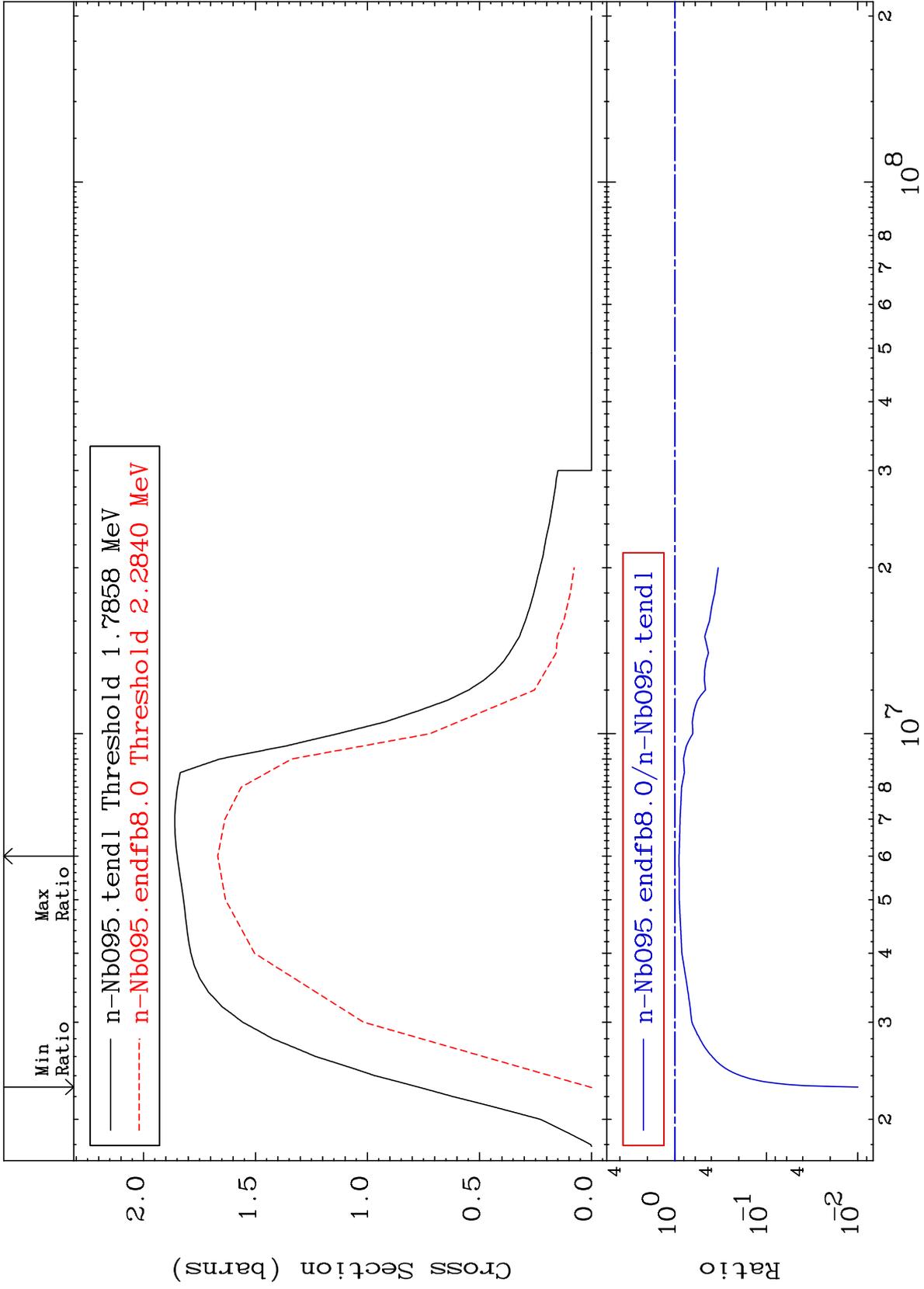
41-Nb-95
-100.0 To 37.56 %



MAT 4131

(n, n') Continuum
Cross Section

41-Nb-95
-99.00 To -9.775%



30

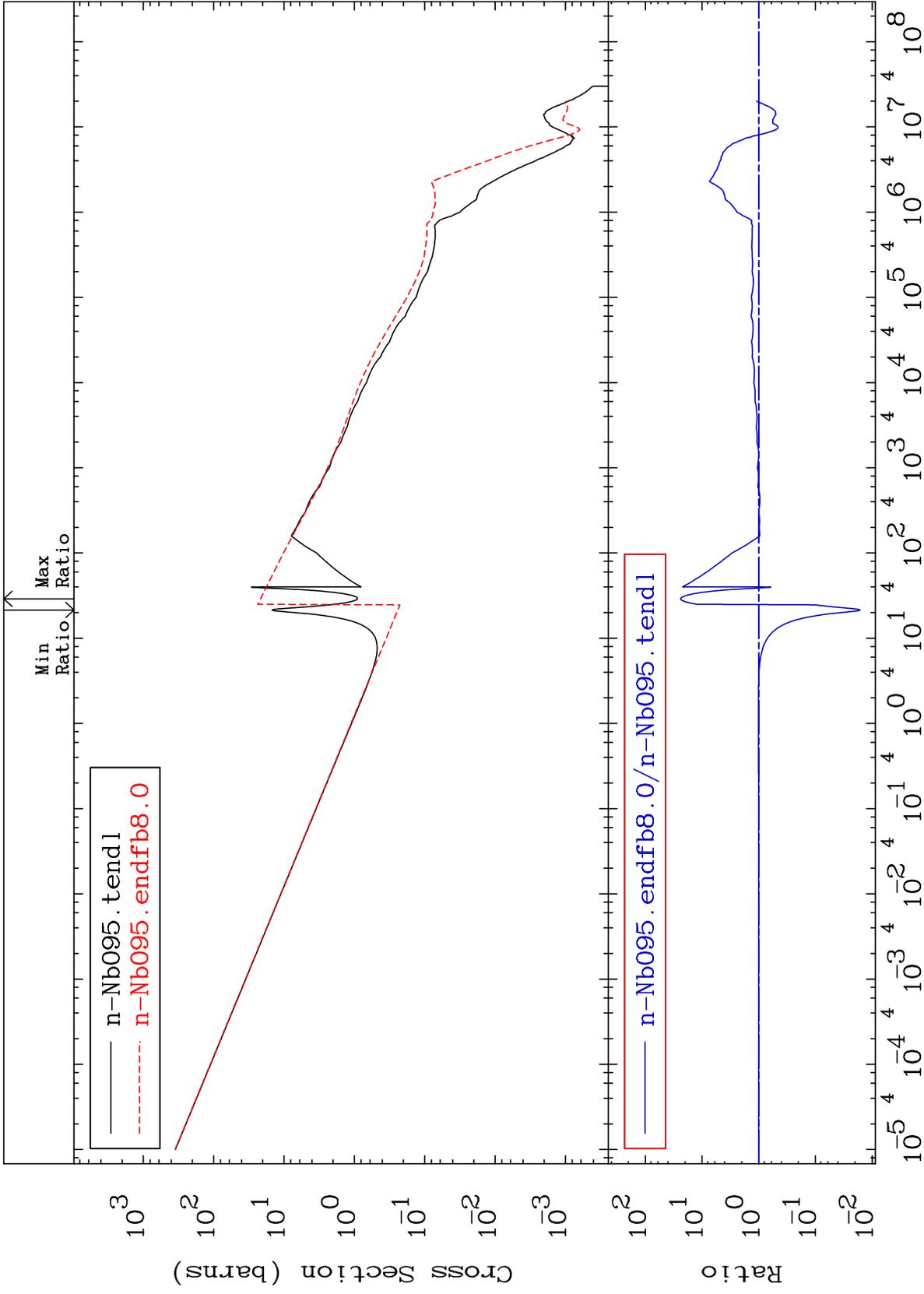
Incident Energy (eV)

41-Nb-95

MAT 4131

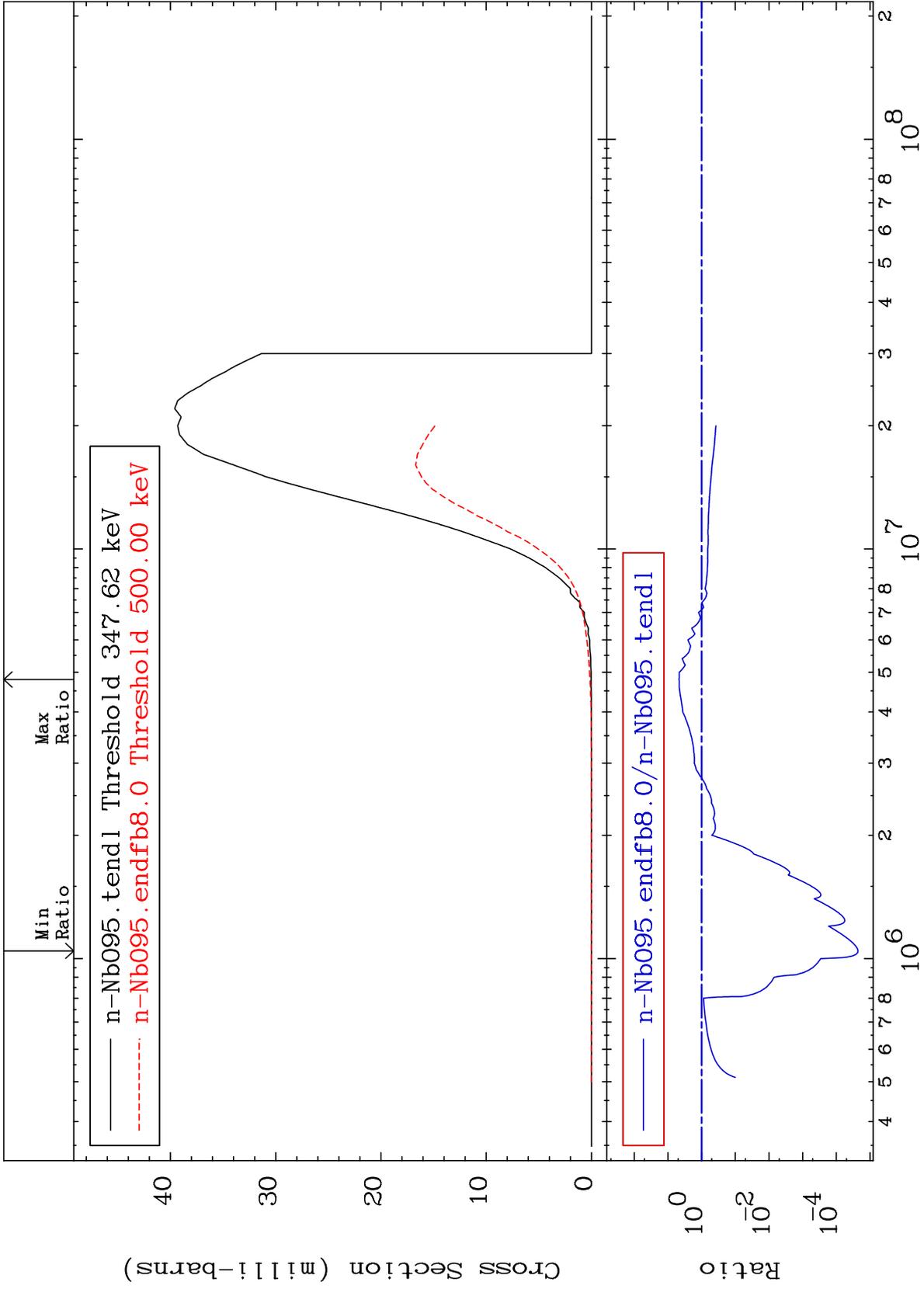
(n, γ)
Cross Section

41-Nb-95
-98.37 To 2279. %



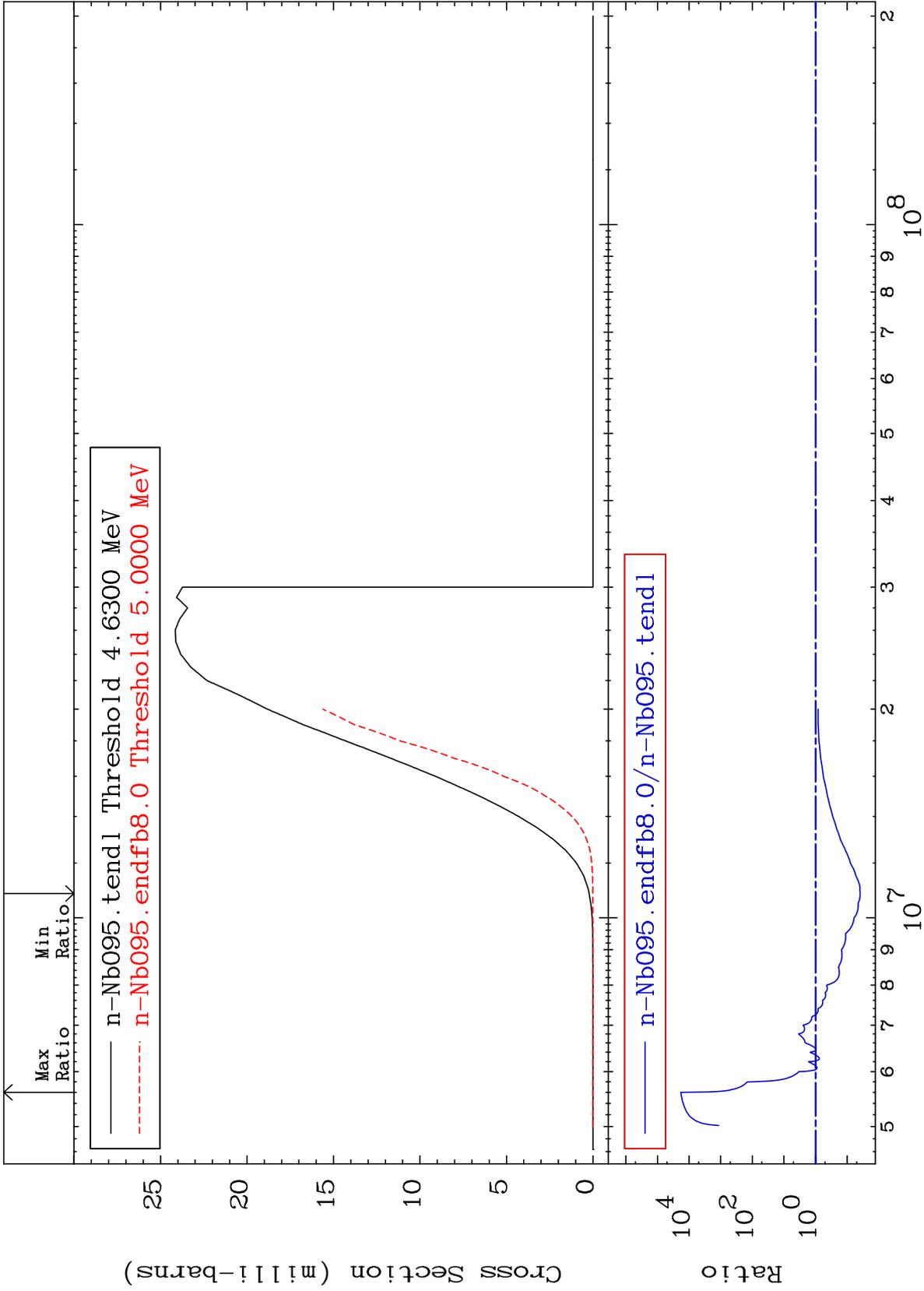
MAT 4131

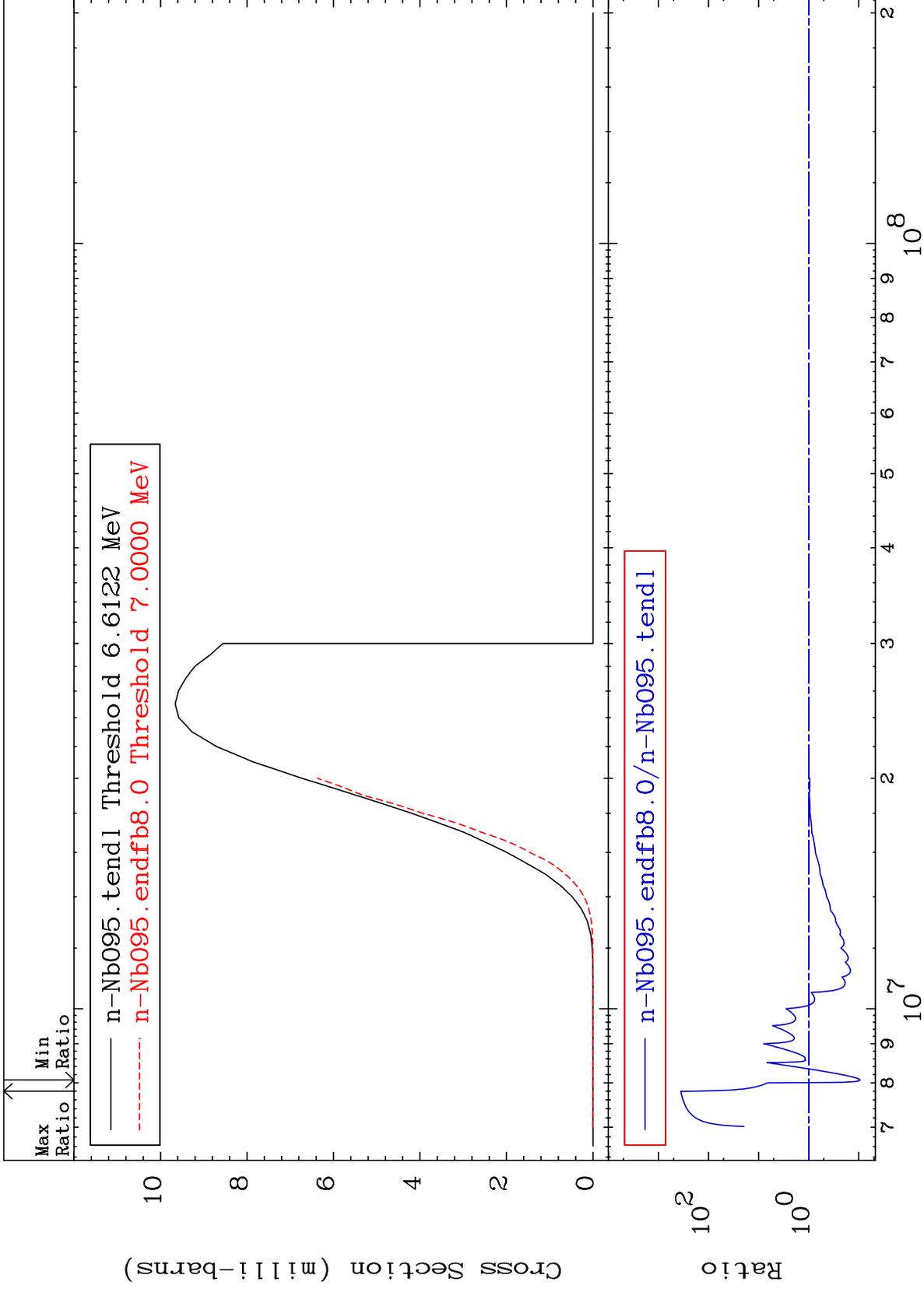
(n,p)
Cross Section
41-Nb-95
-100.0 To 369.2 %

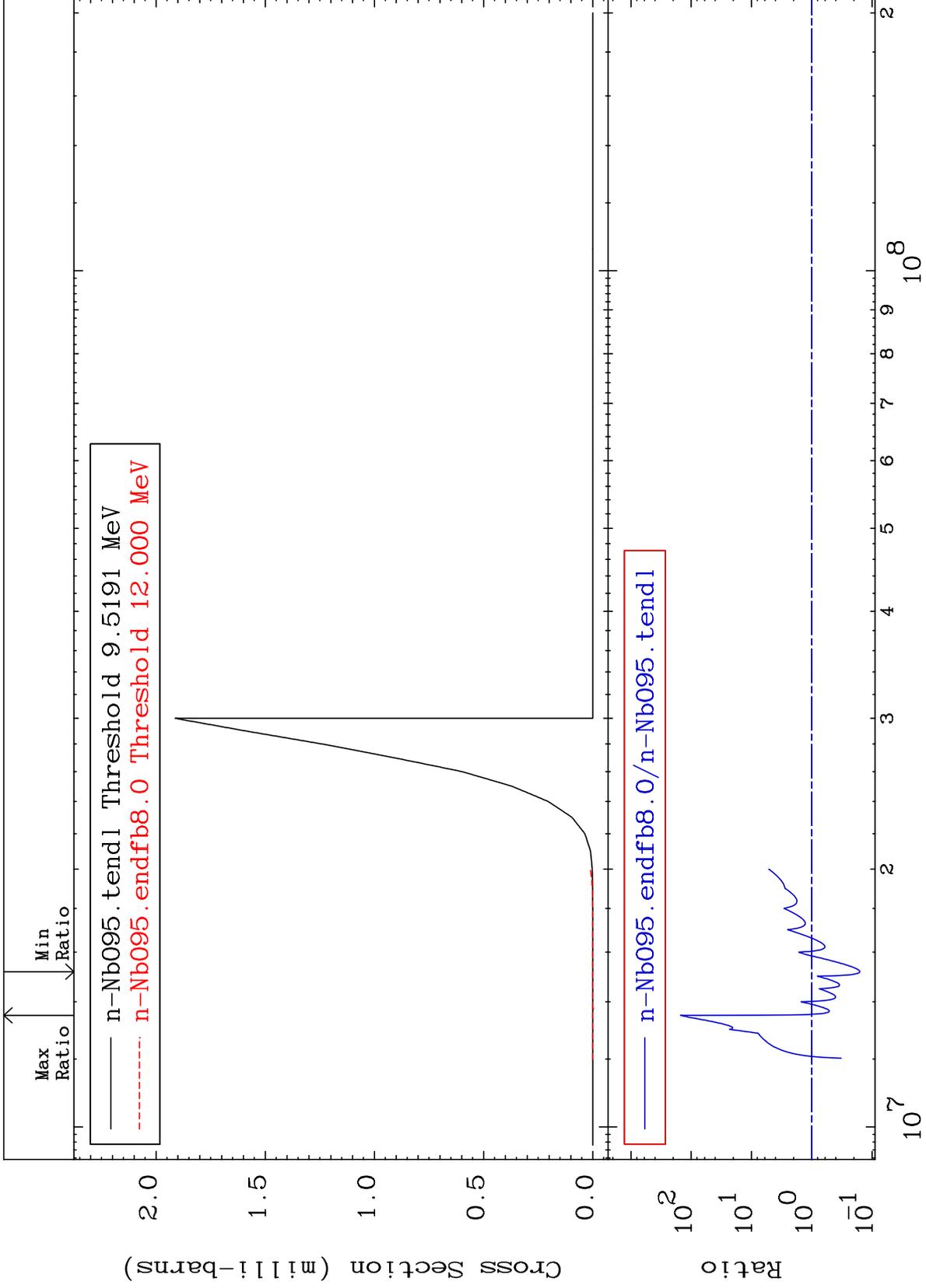


Cross Section

-96.11 To 9999. %







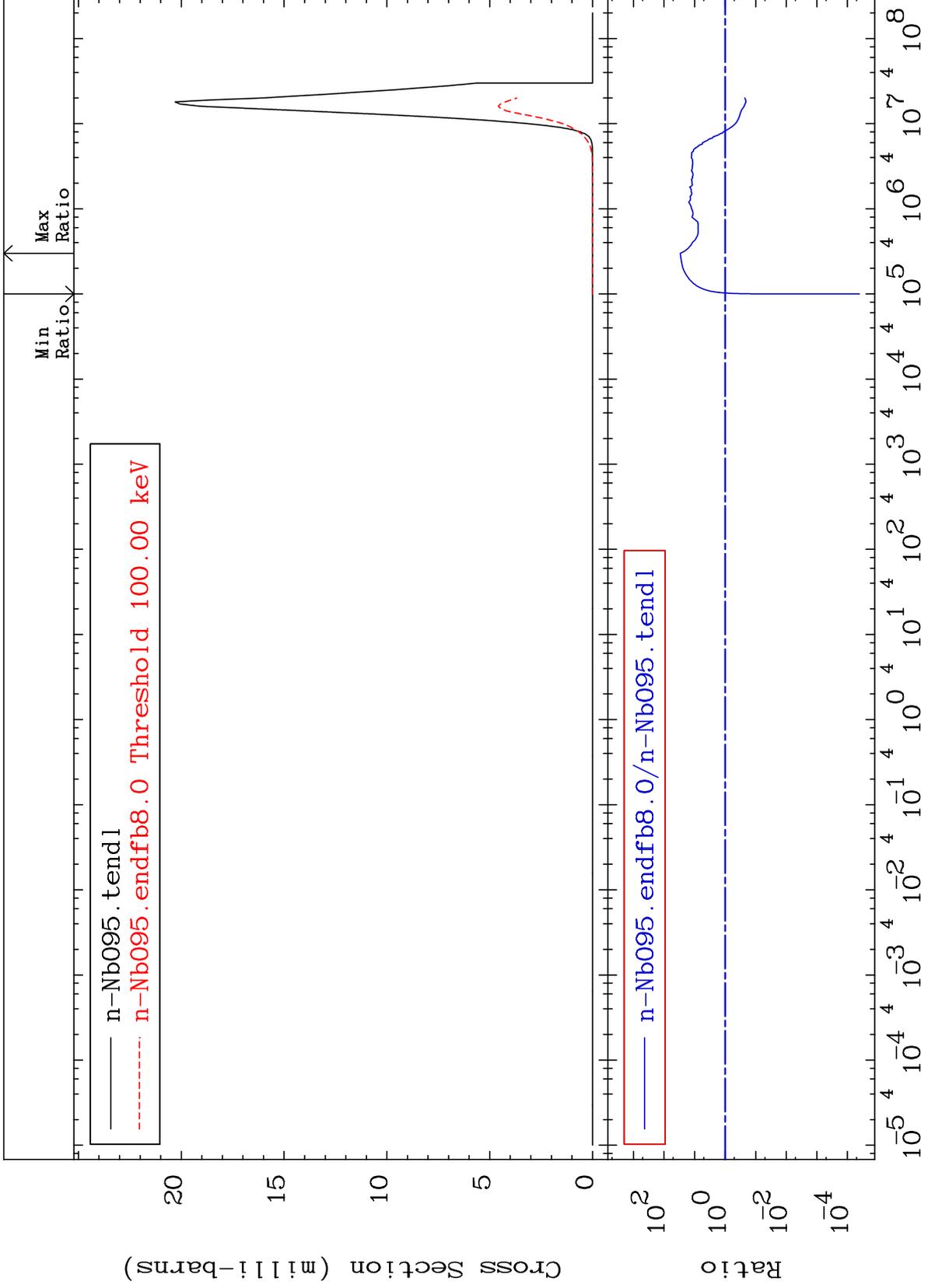
MAT 4131

(n, α)

41-Nb-95

Cross Section

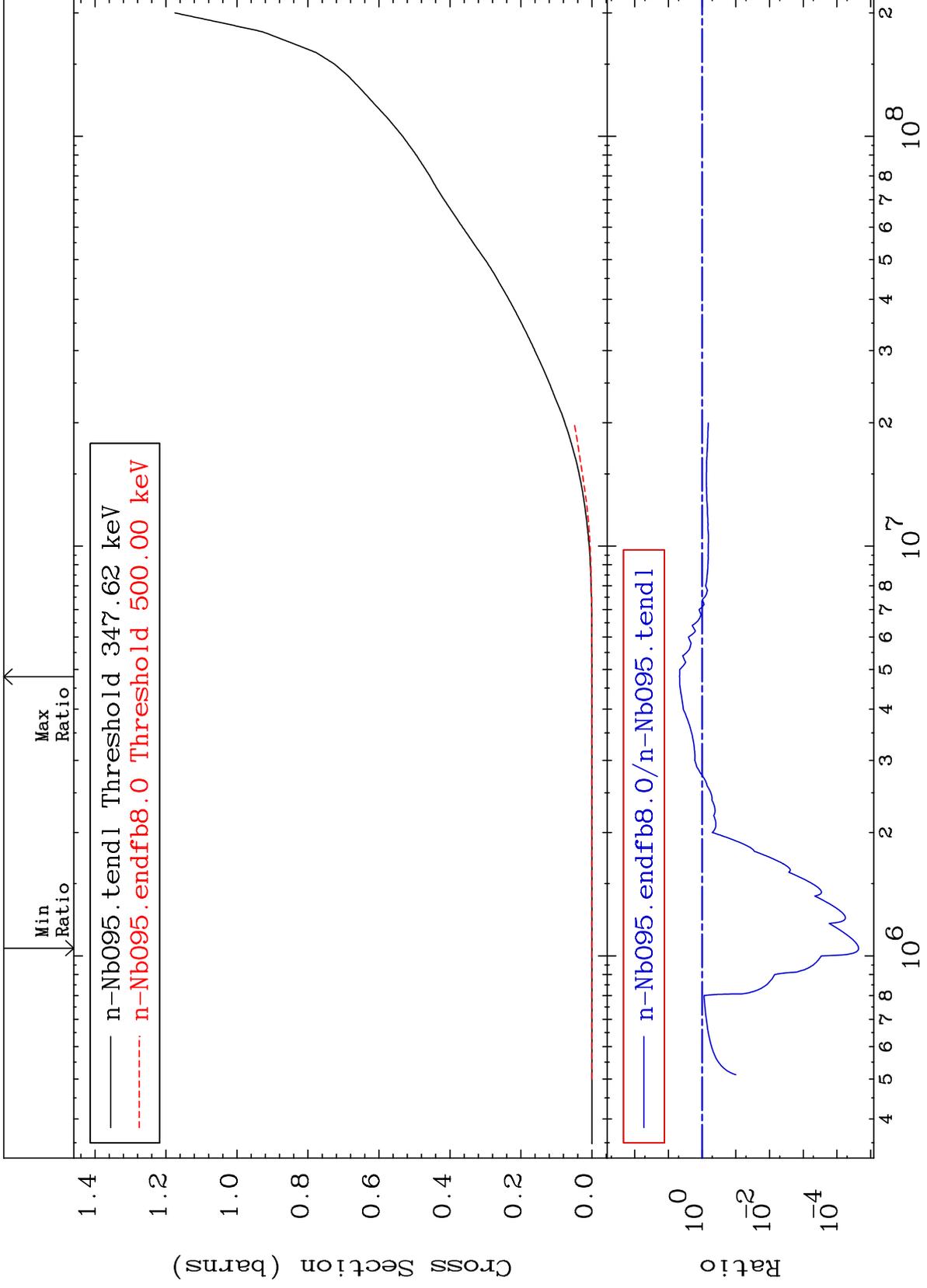
-100.0 To 2828. %



MAT 4131

Hydrogen Production
Cross Section

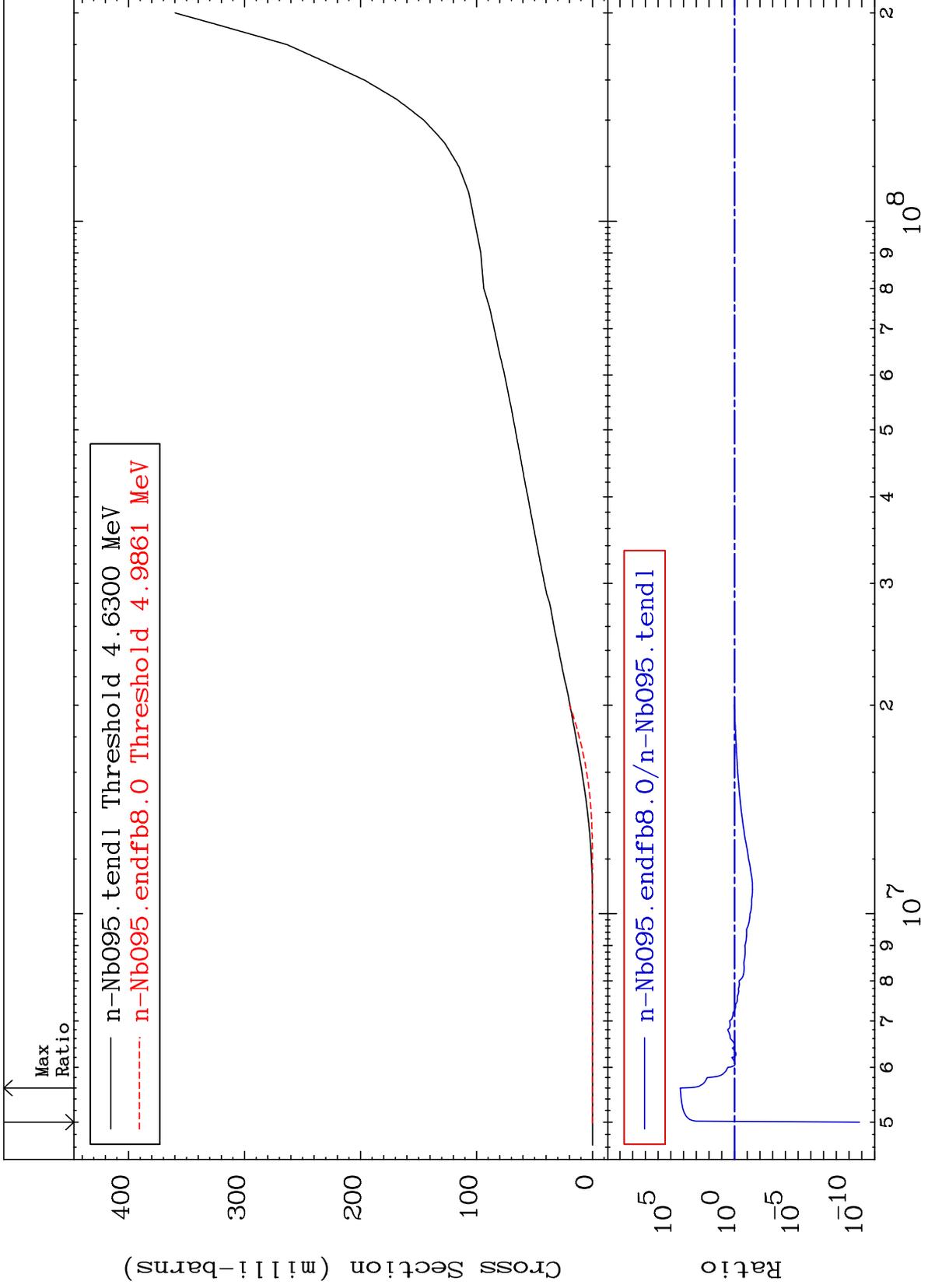
41-Nb-95
-100.0 To 369.2 %



MAT 4131

Deuterium Production
Cross Section

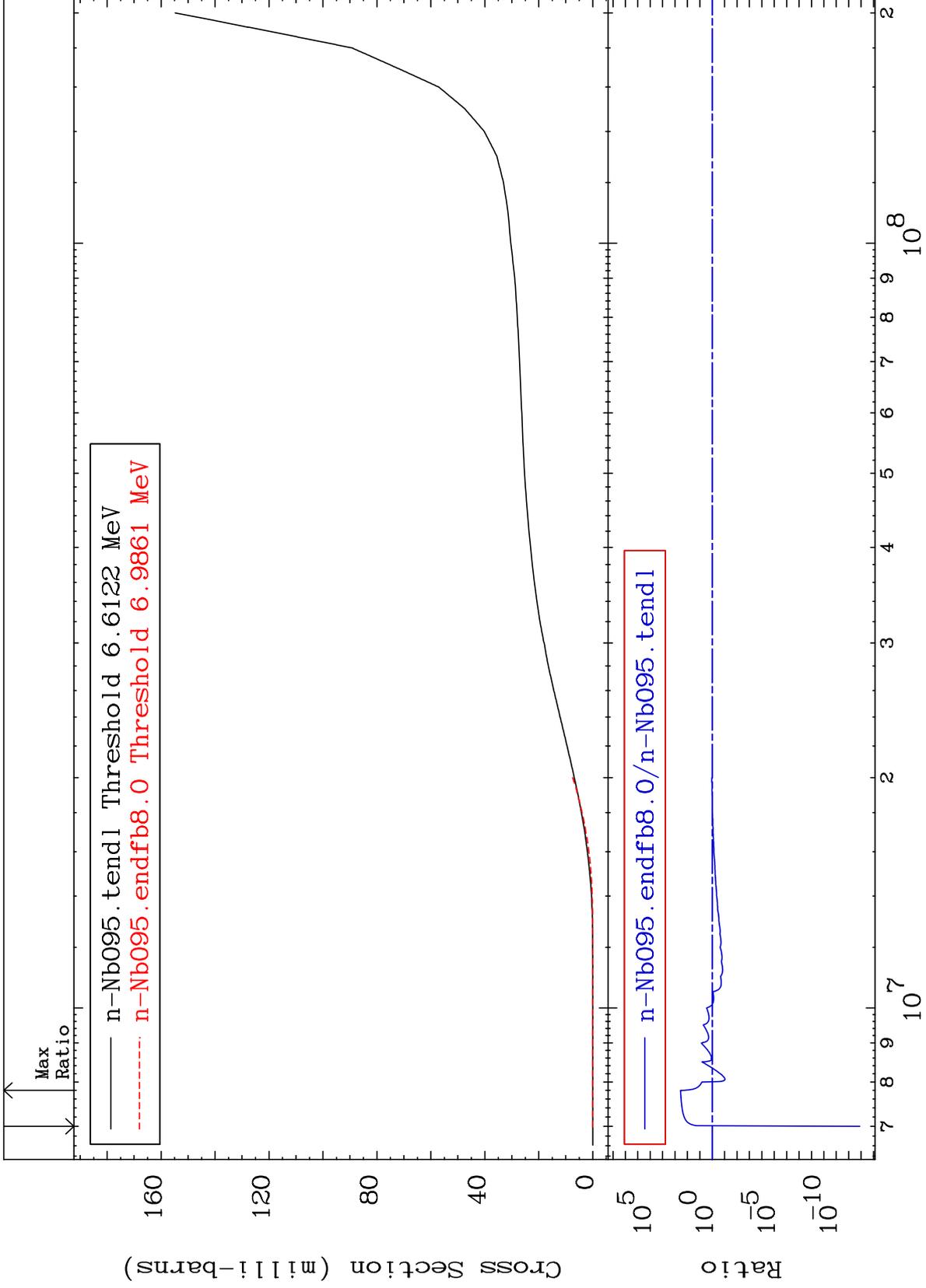
41-Nb-95
-100.0 To 9999. %



MAT 4131

Tritium Production
Cross Section

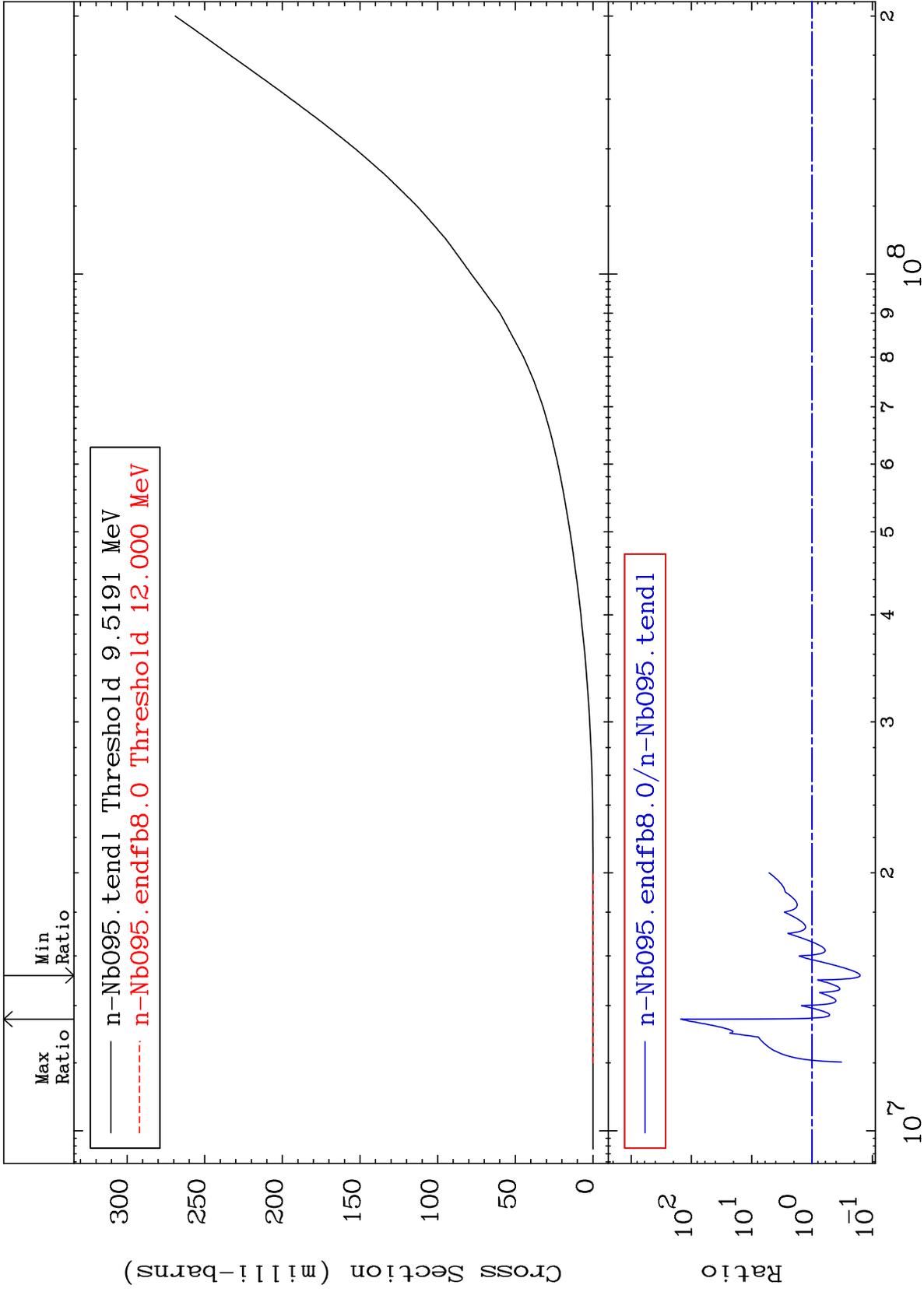
41-Nb-95
-100.0 To 9999. %



MAT 4131

He-3 Production
Cross Section

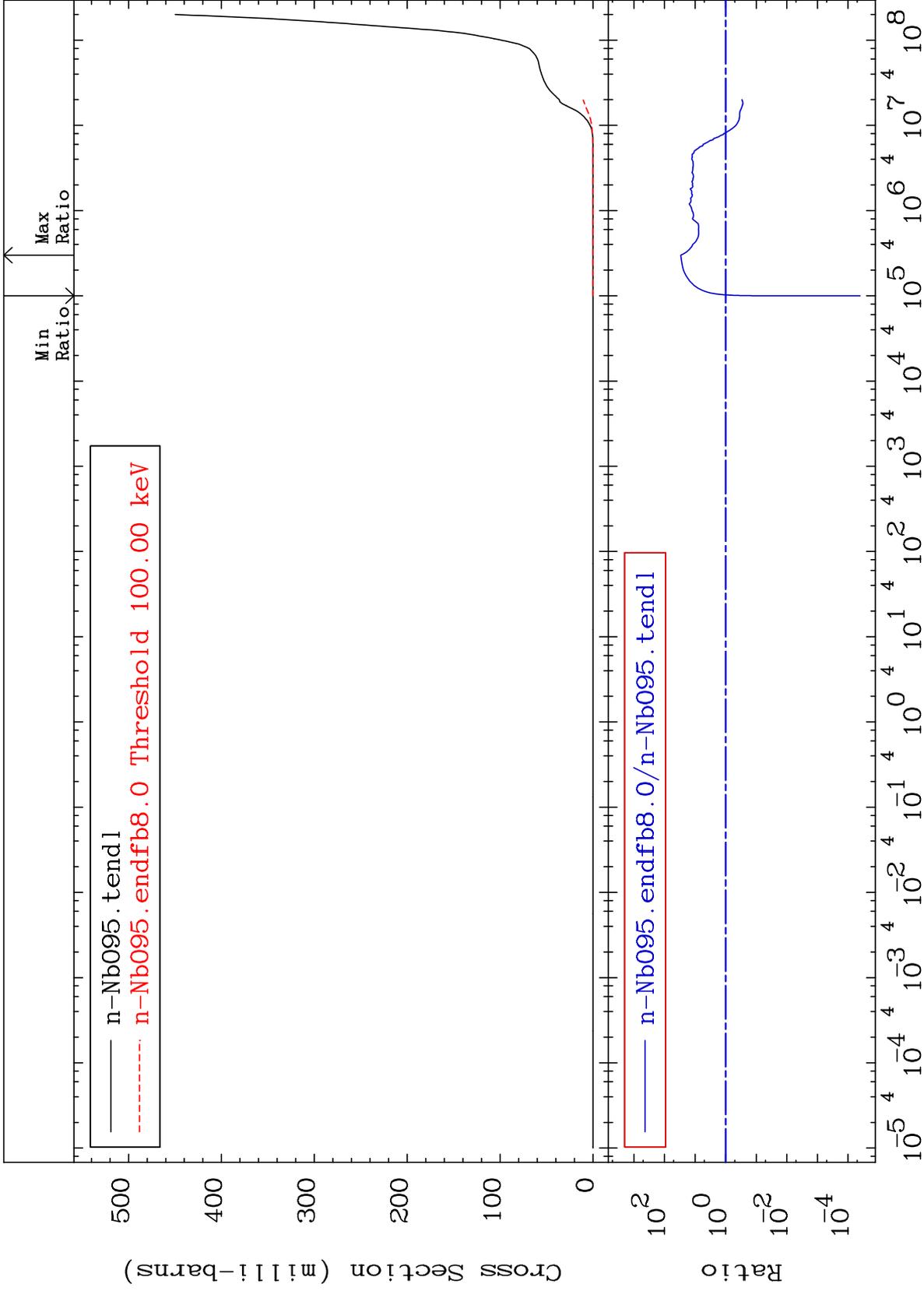
41-Nb-95
-84.05 To 9999. %



40

Incident Energy (eV)

41-Nb-95



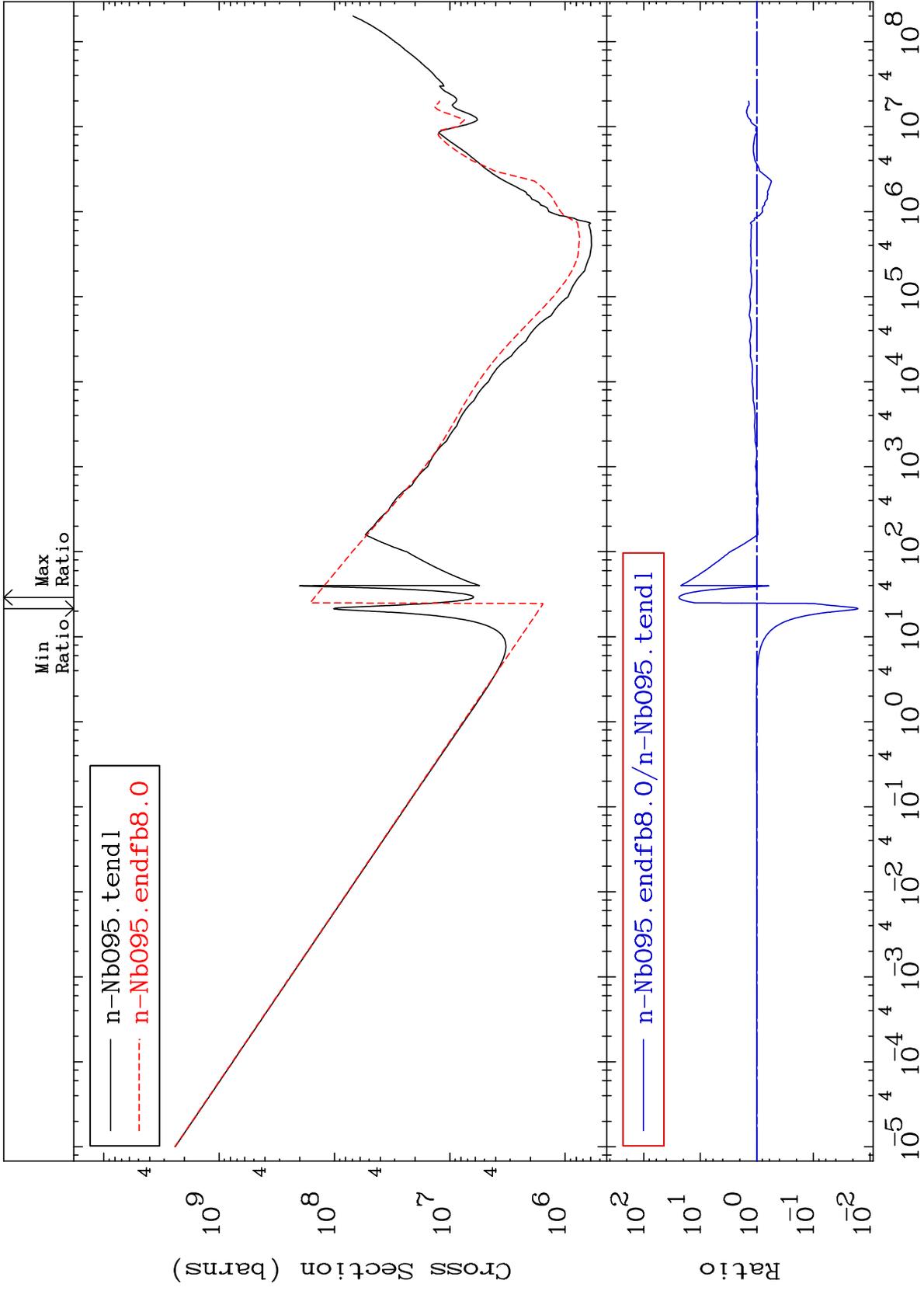
MAT 4131

Kerma total (eV-barns)

41-Nb-95

-98.37 To 2281. %

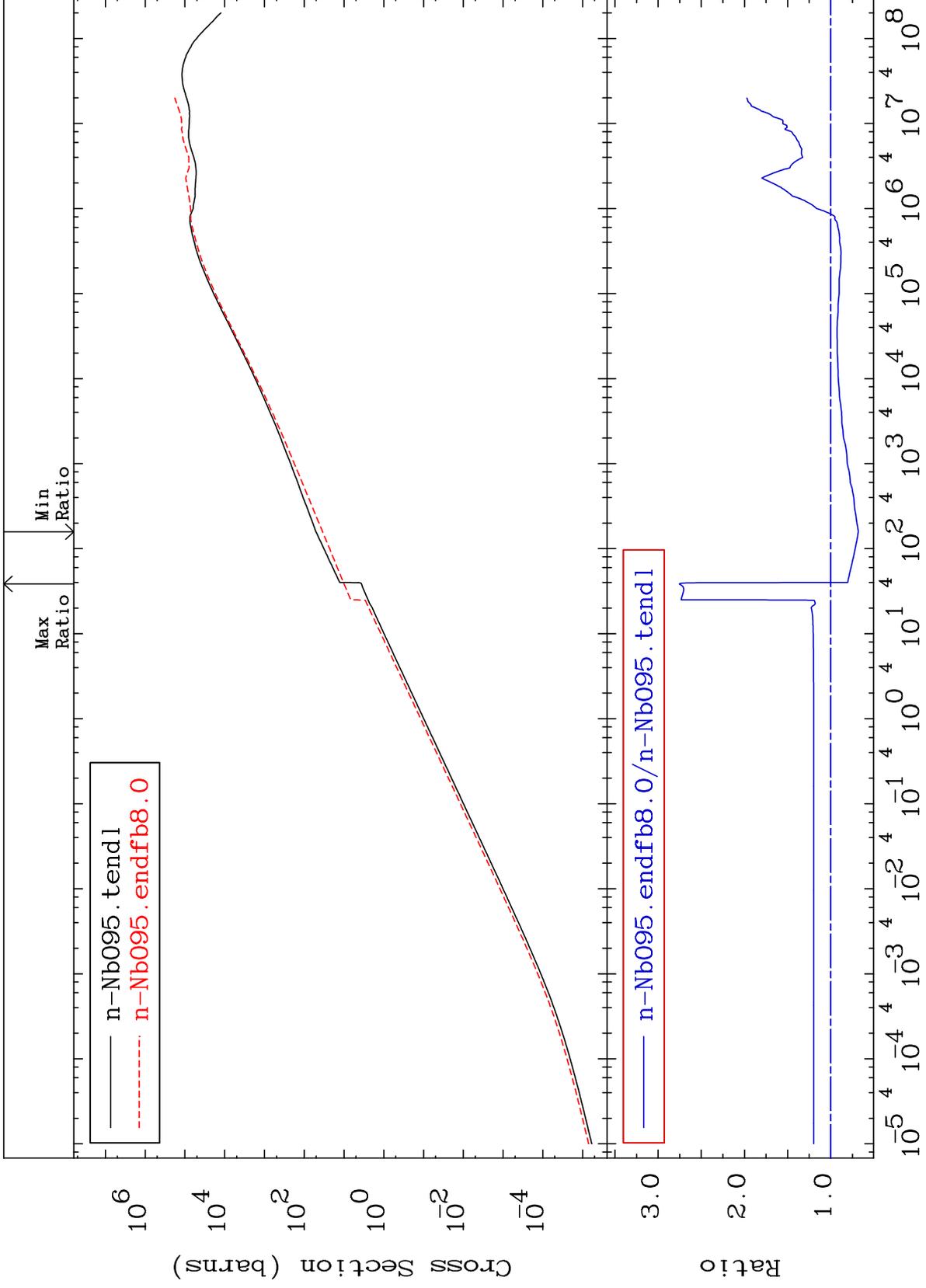
Cross Section

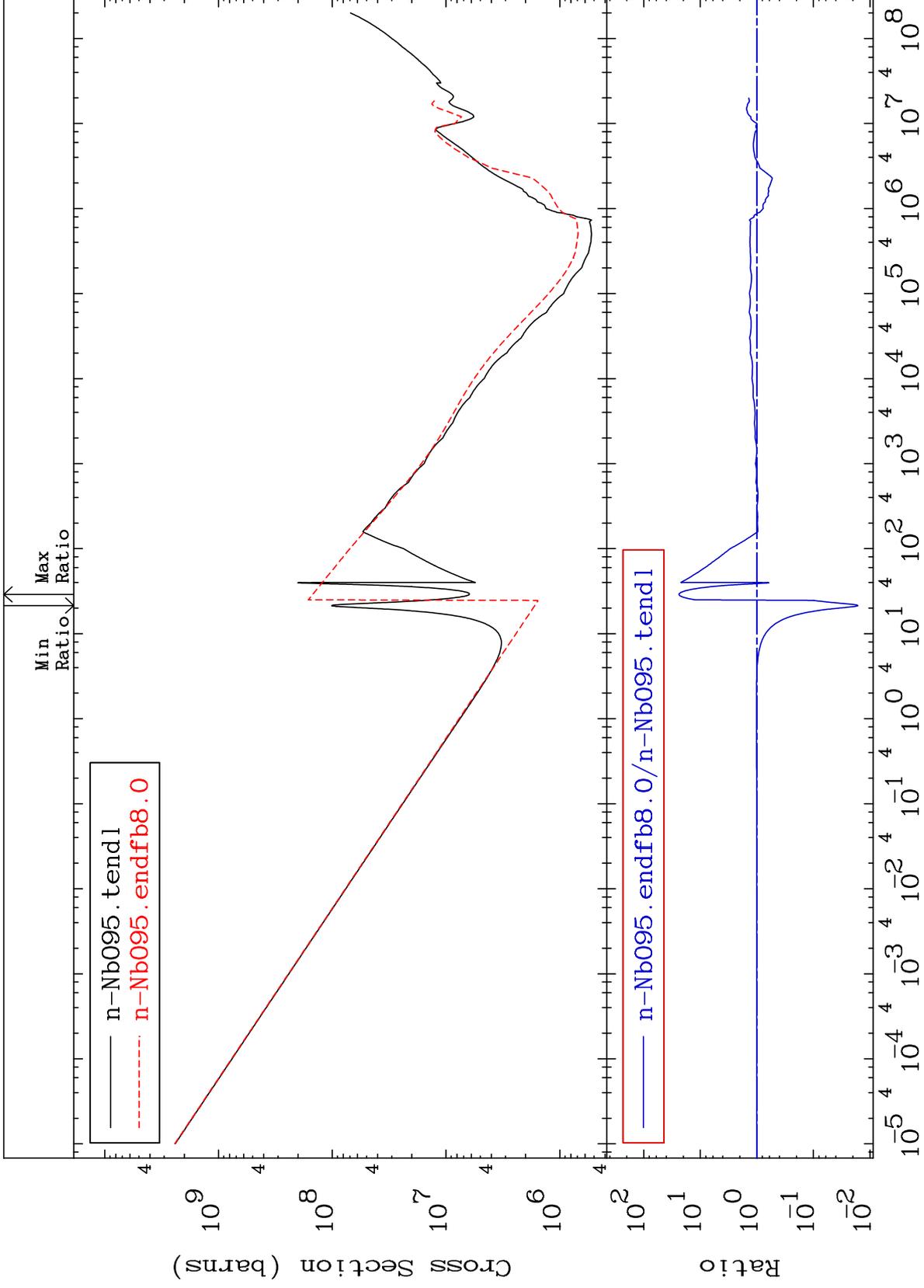


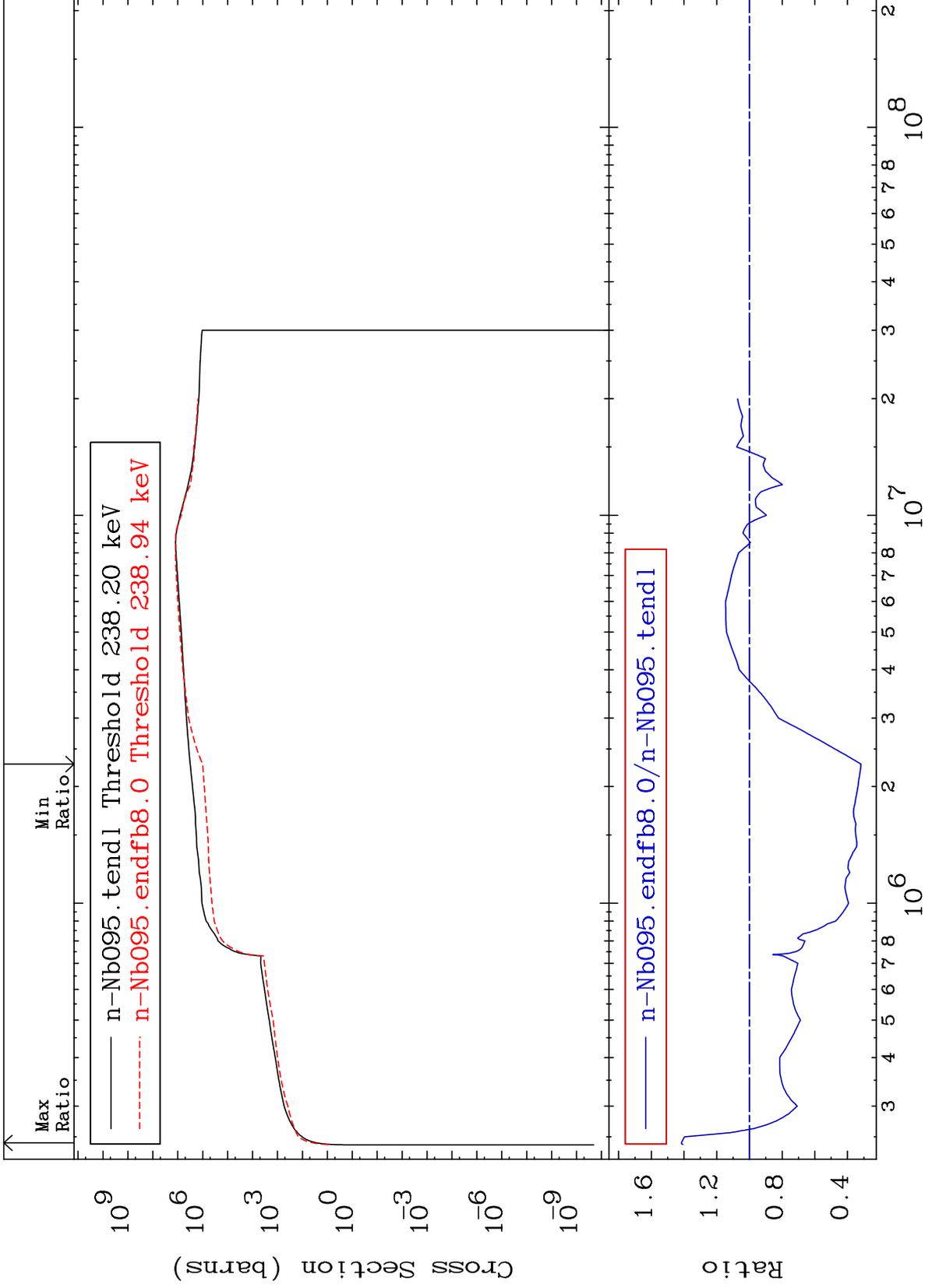
42

Incident Energy (eV)

41-Nb-95



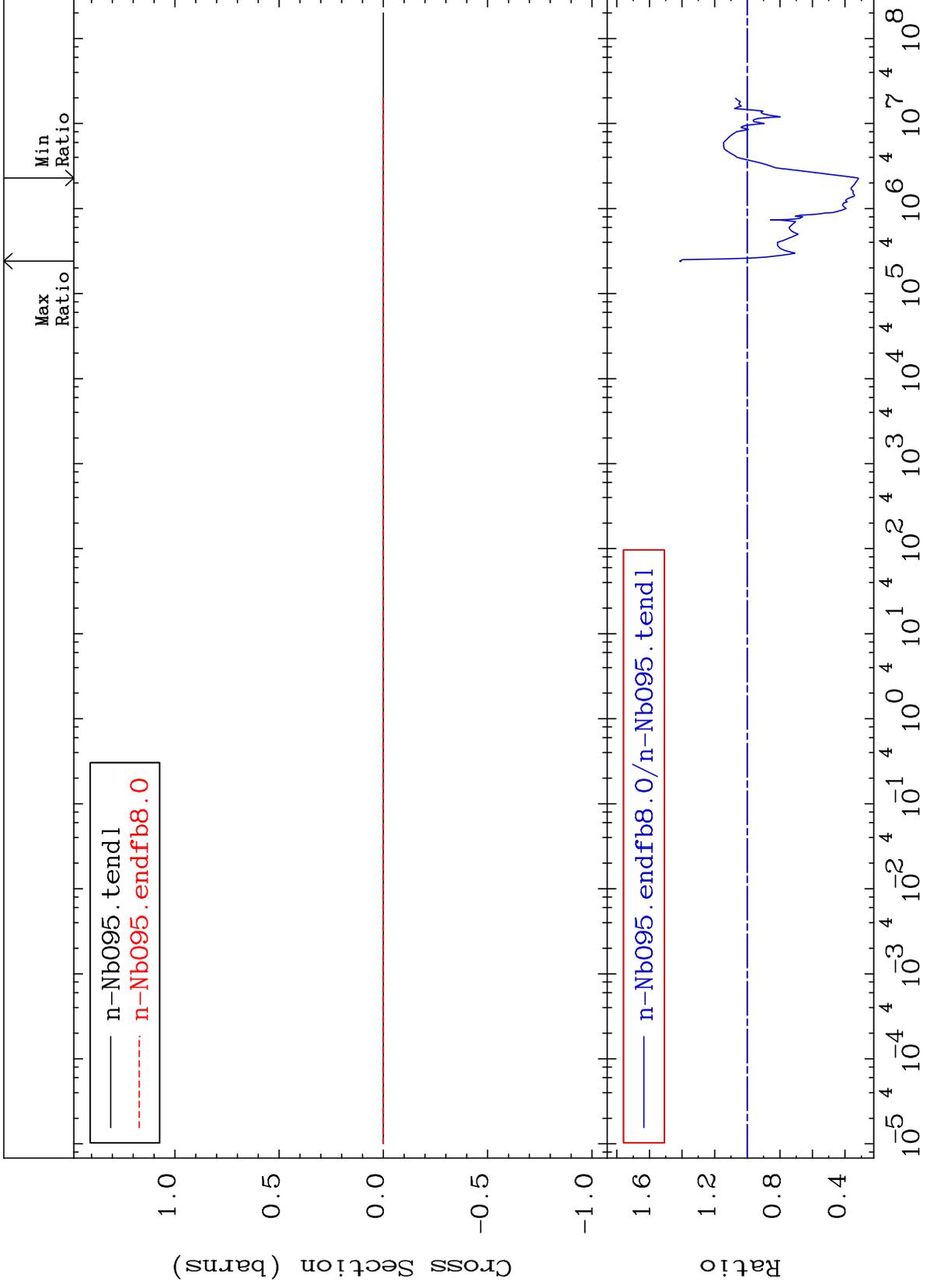


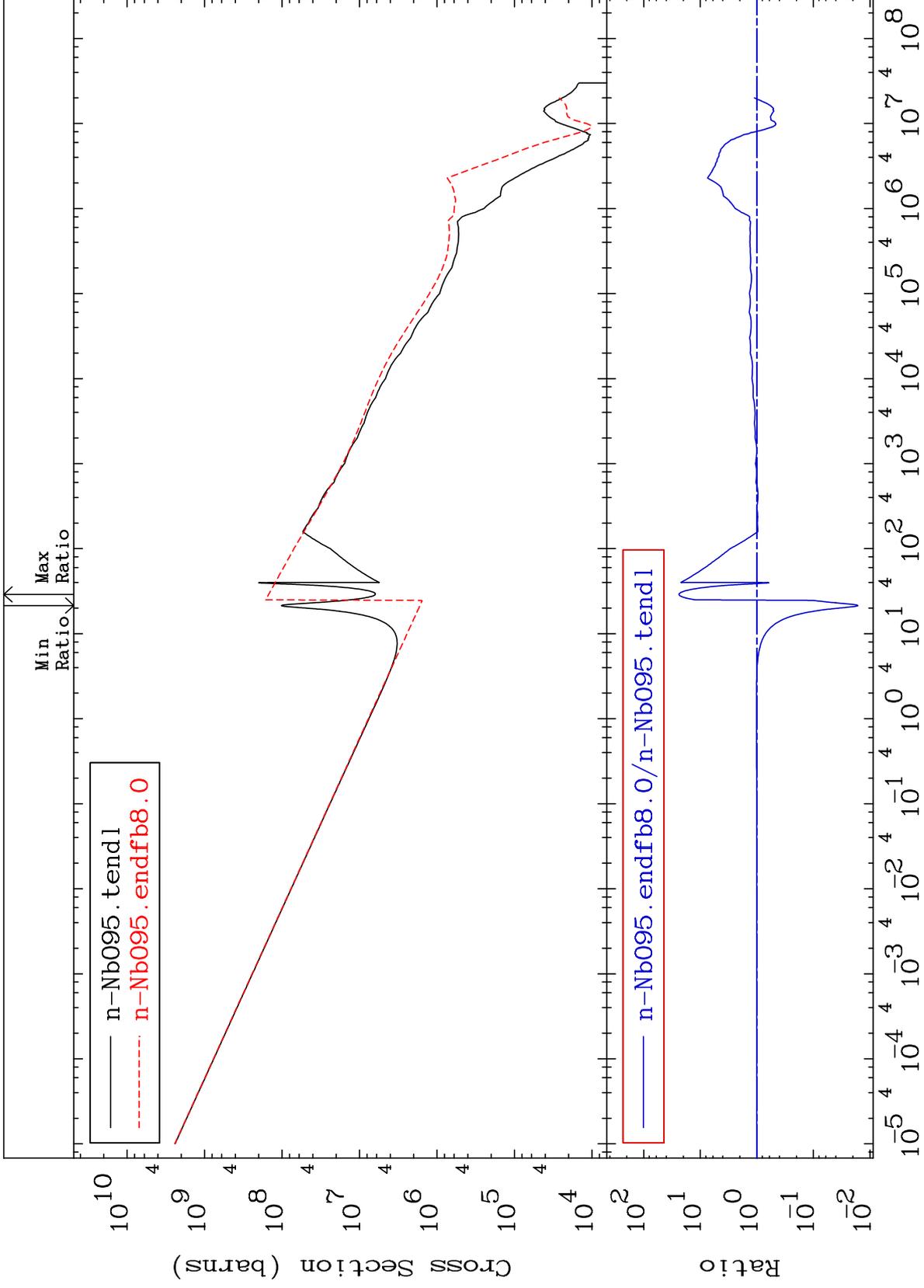


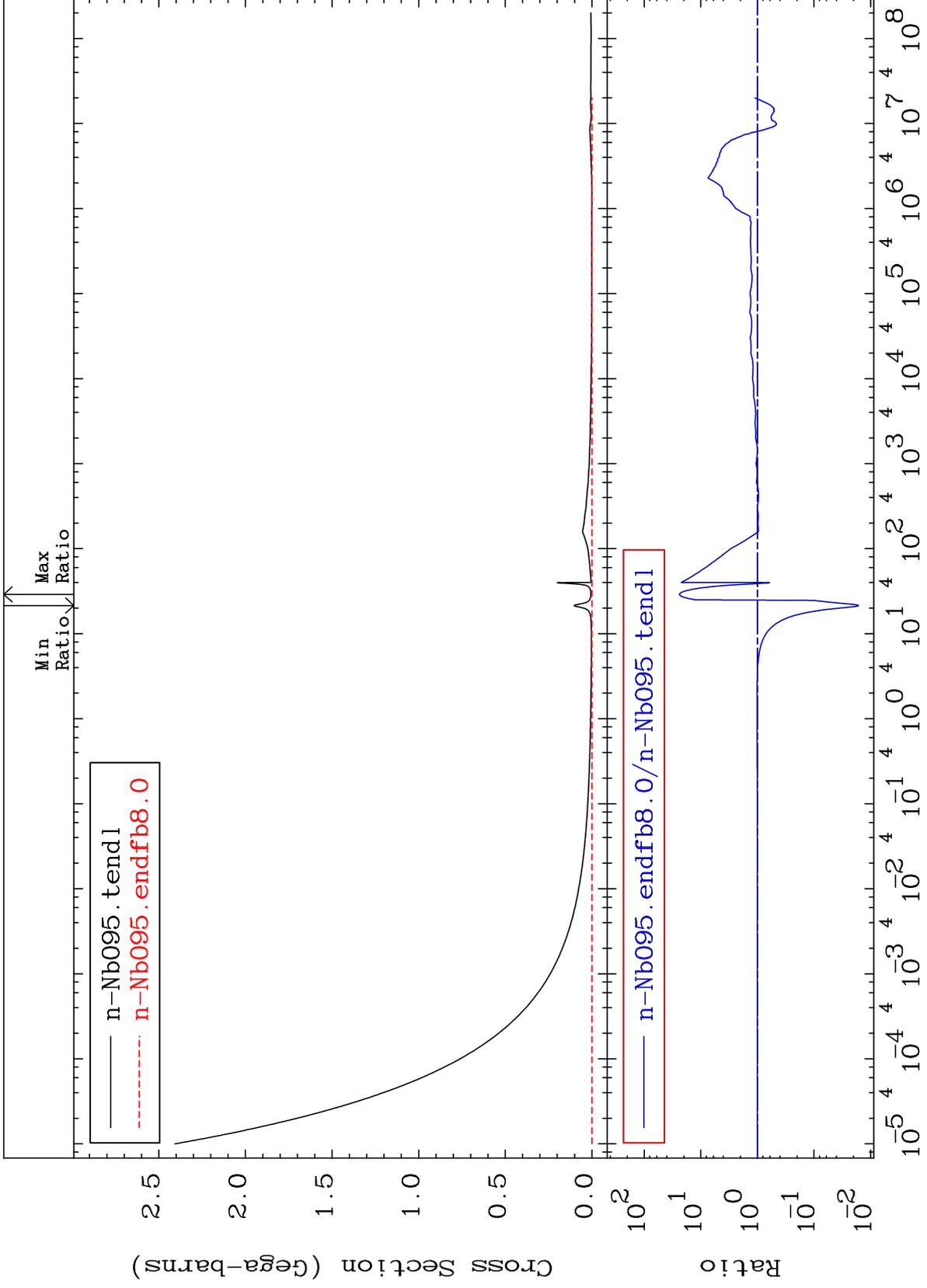
MAT 4131

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

41-Nb-95
-68.26 To 41.54 %



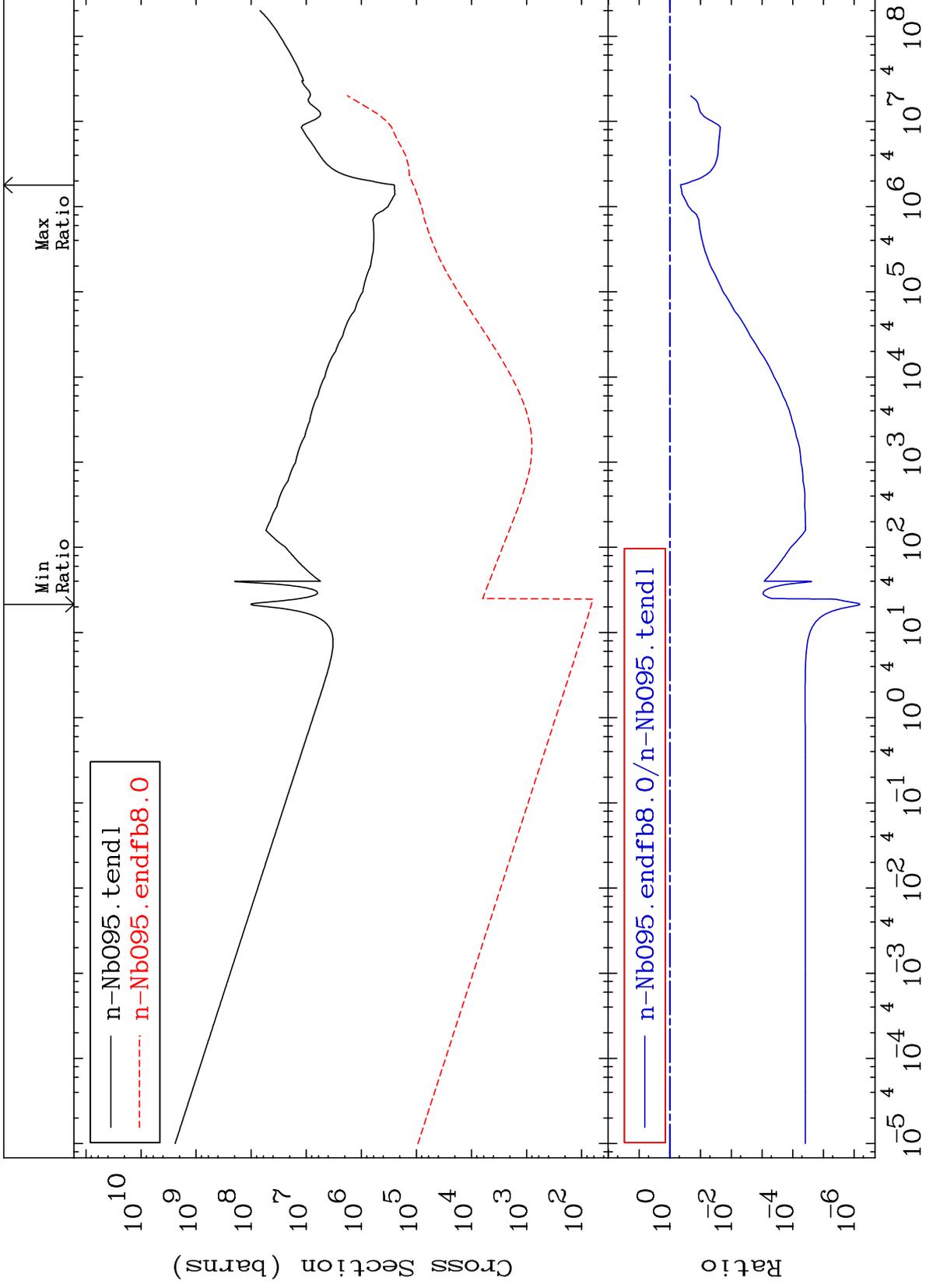




MAT 4131

Total kinematic kerma (high limit)
Cross Section

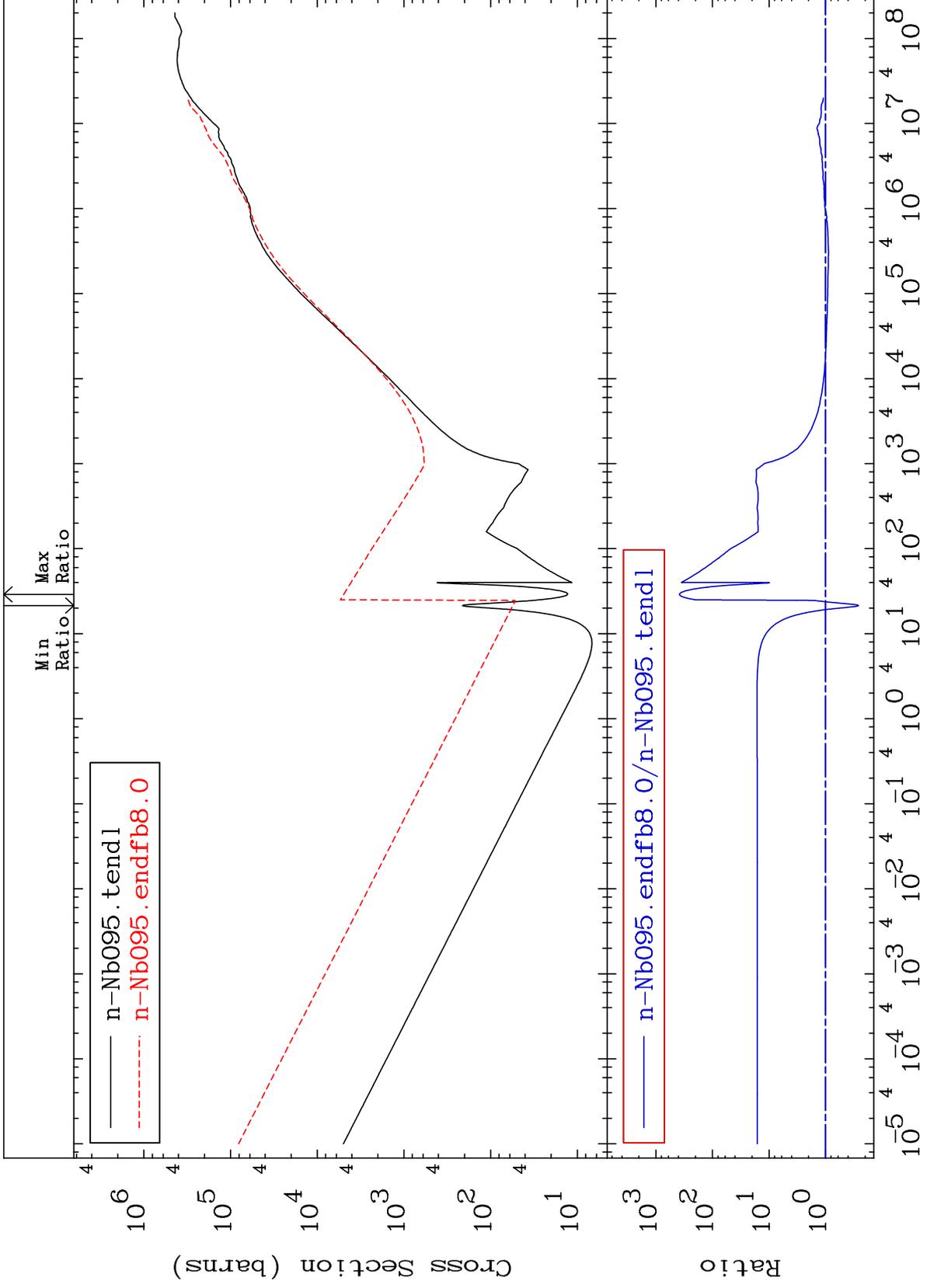
41-Nb-95
-100.0 To -54.92%

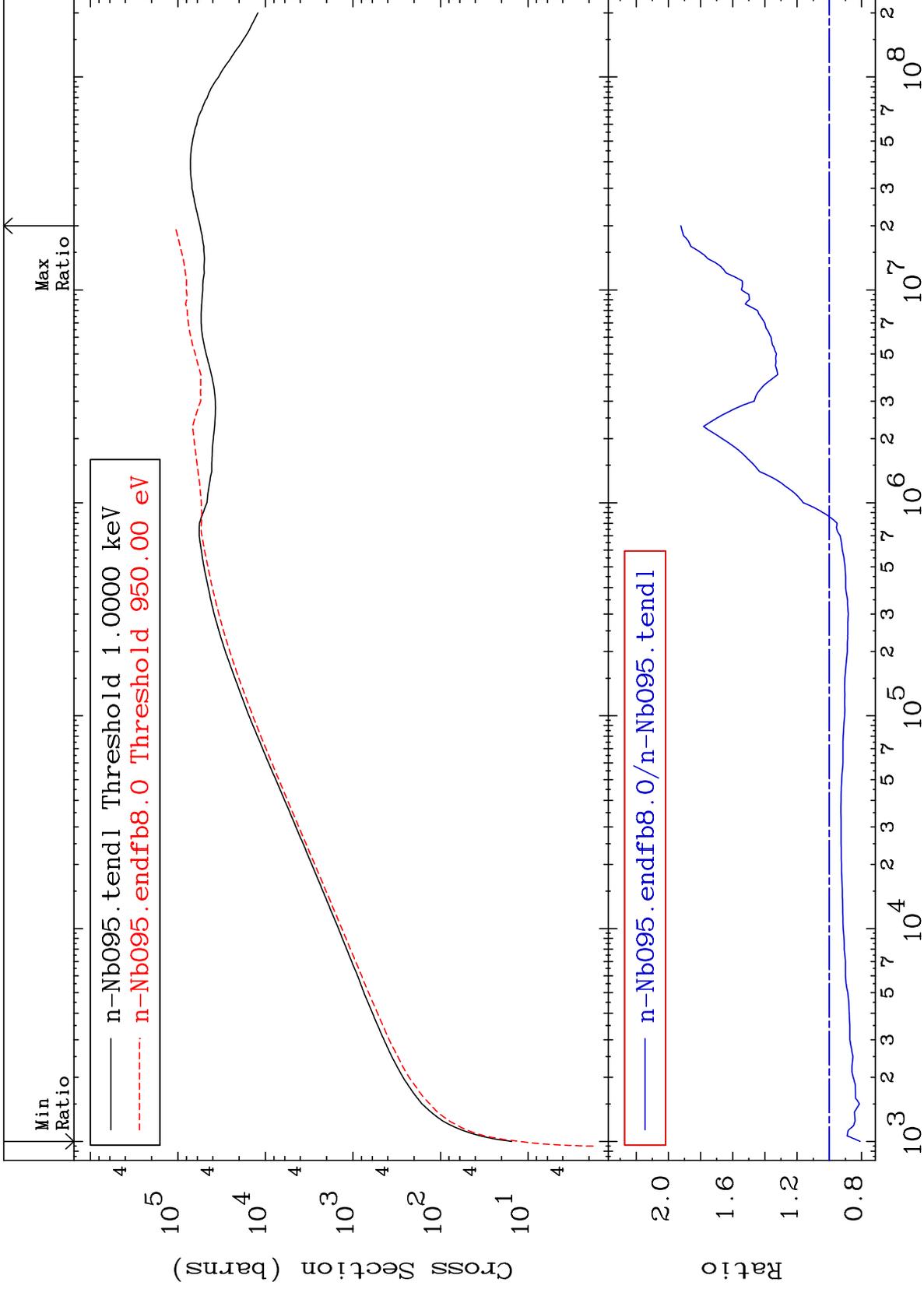


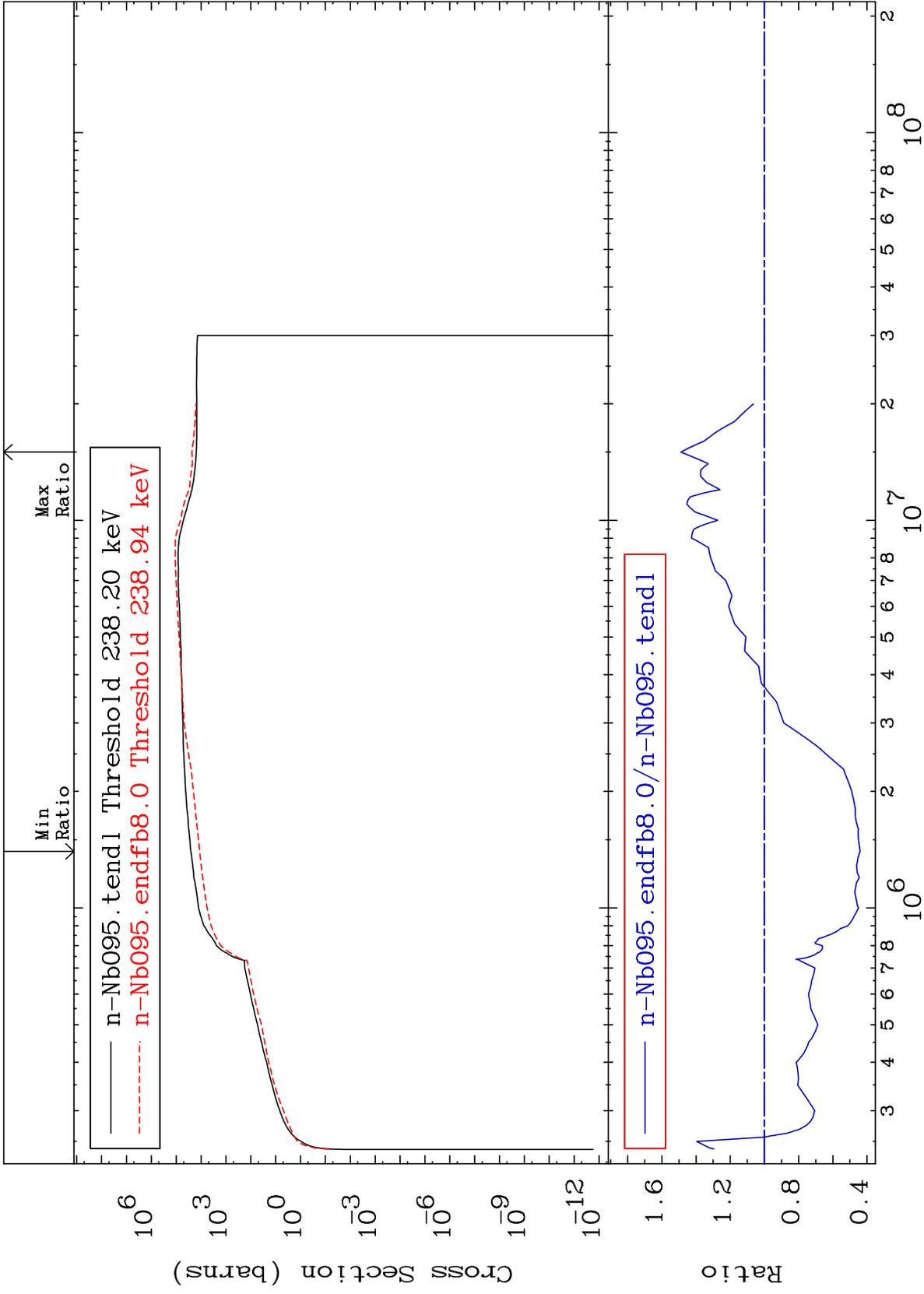
MAT 4131

Dpa total (eV-barns)
Cross Section

41-Nb-95
-73.82 To 9999. %







MAT 4131

Dpa disappearance (mt102 -120)
Cross Section

41-Nb-95
-73.82 To 9999. %

