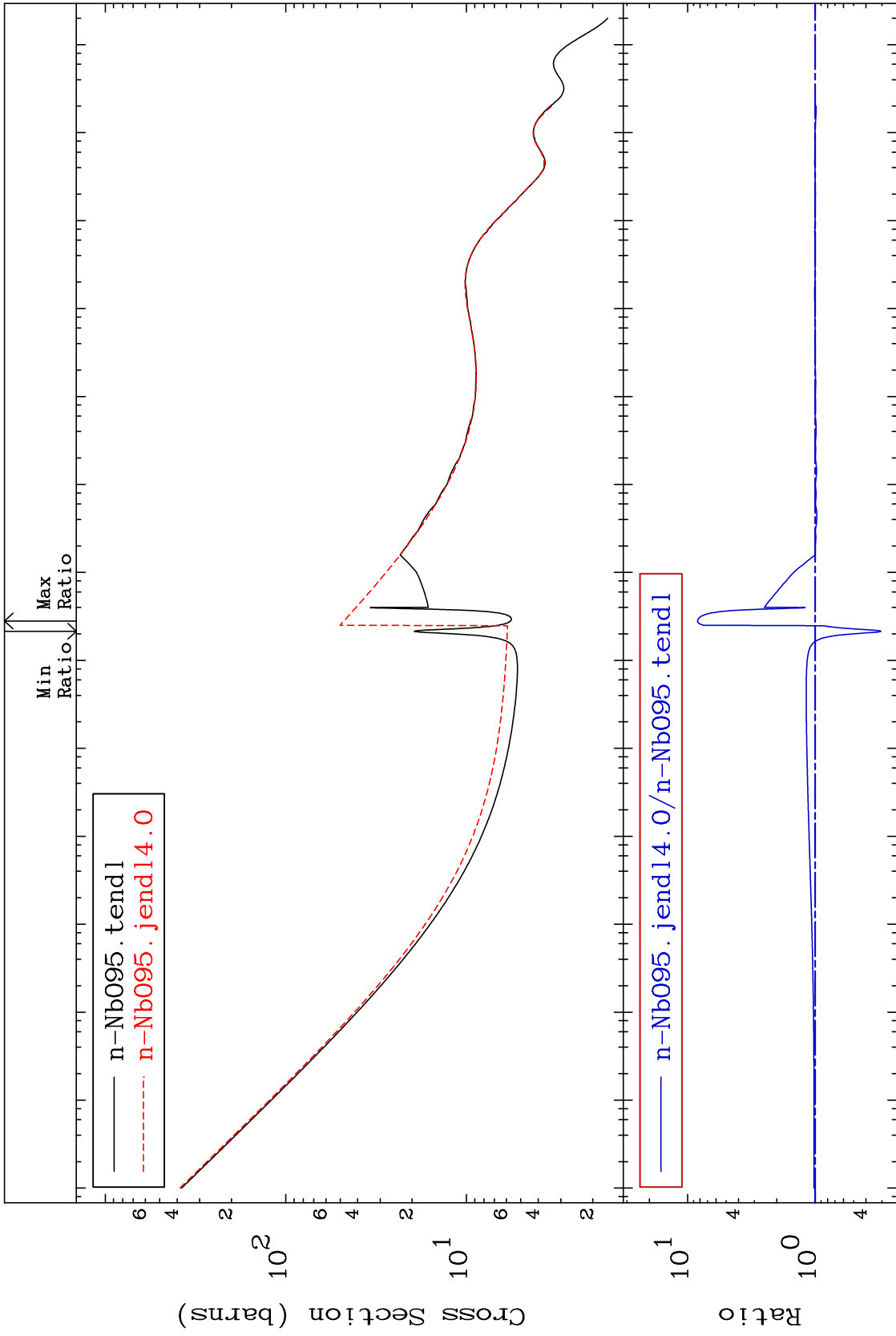


MAT 4131

Total
Cross Section

41-Nb-95
-69.54 To 737.6 %



Incident Energy (eV) 41-Nb-95

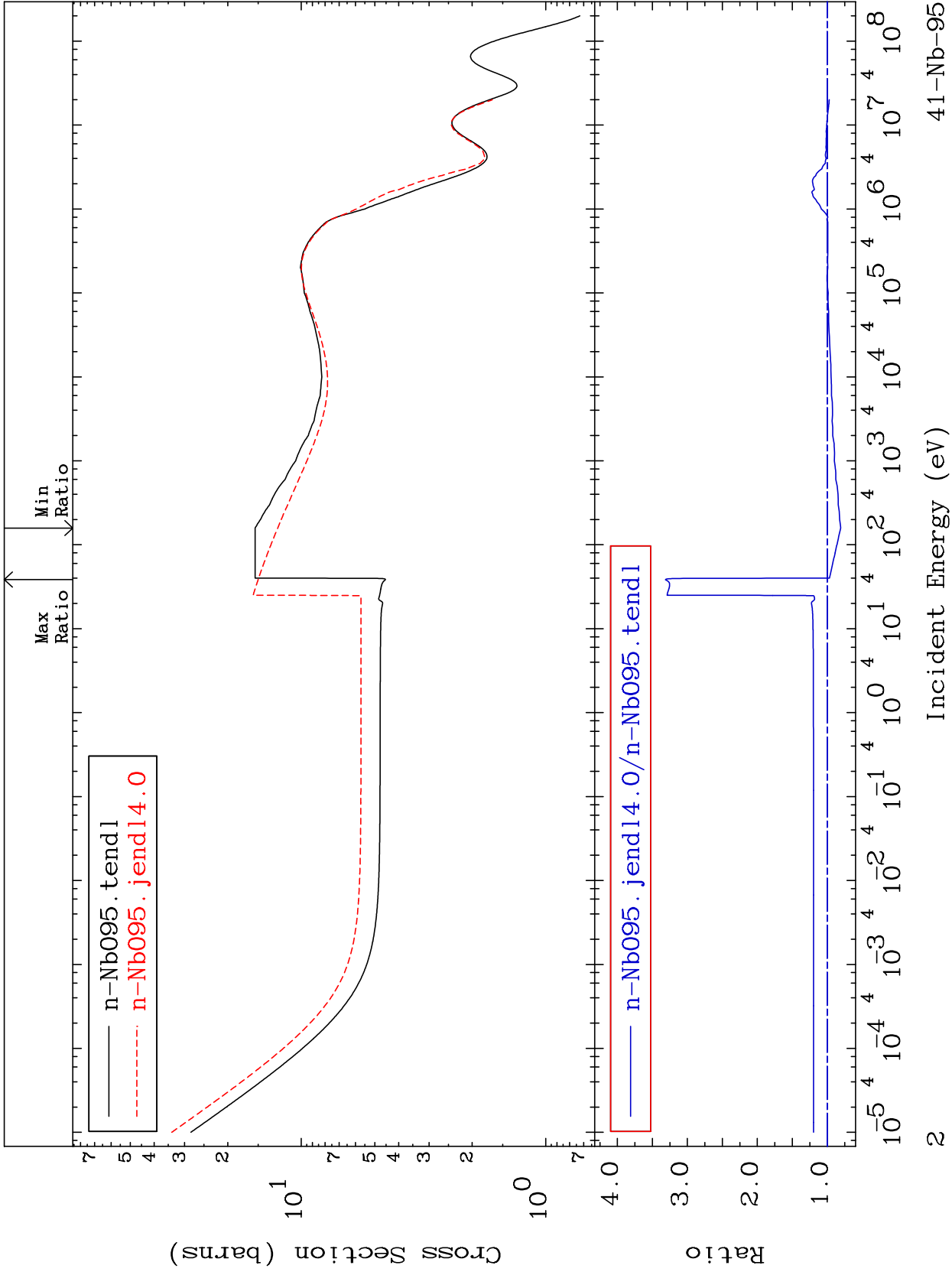
MAT 4131

Elastic

41-Nb-95

Cross Section

-19.14 To 231.3 %

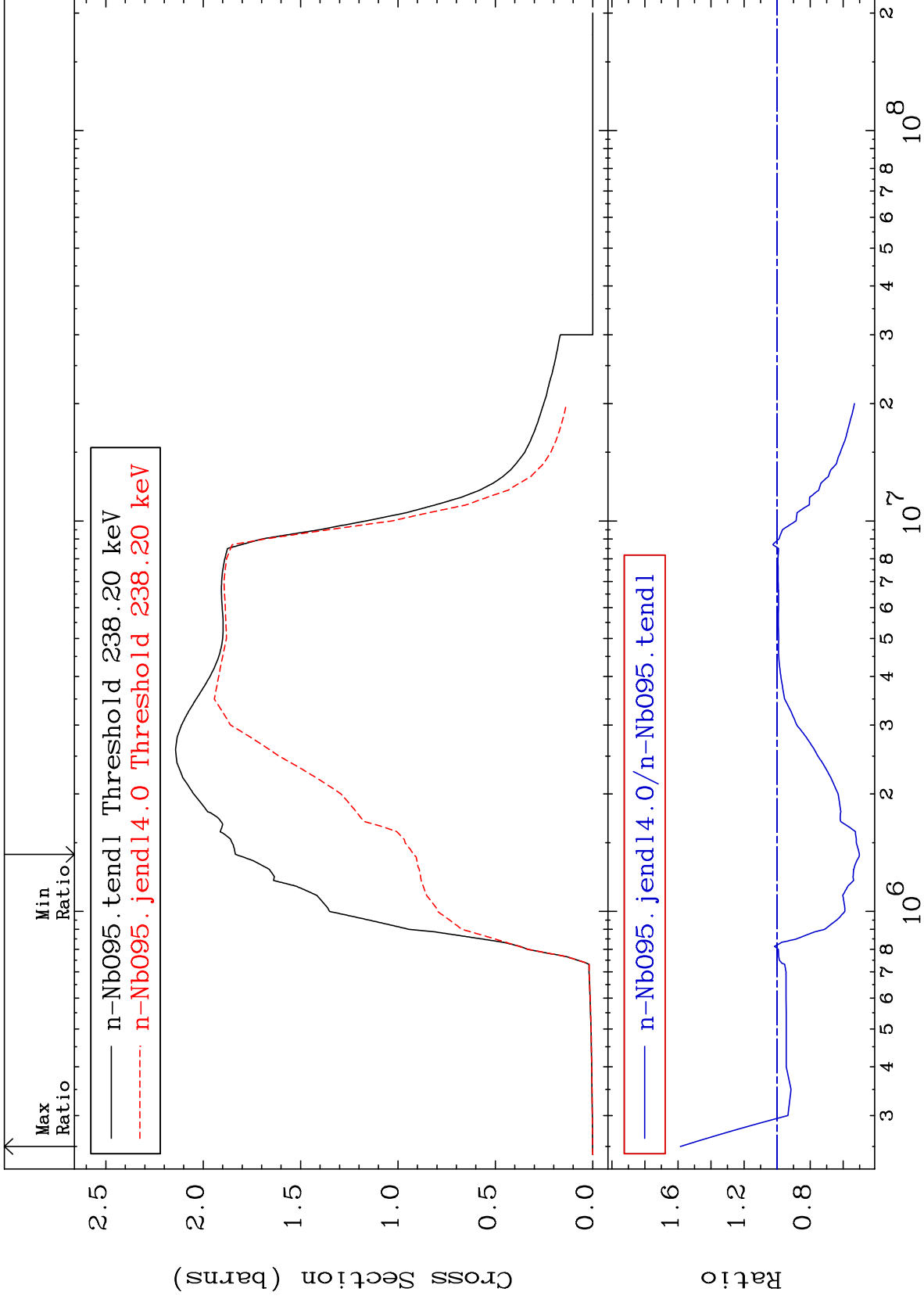


41-Nb-95

MAT 4131

Inelastic
Cross Section

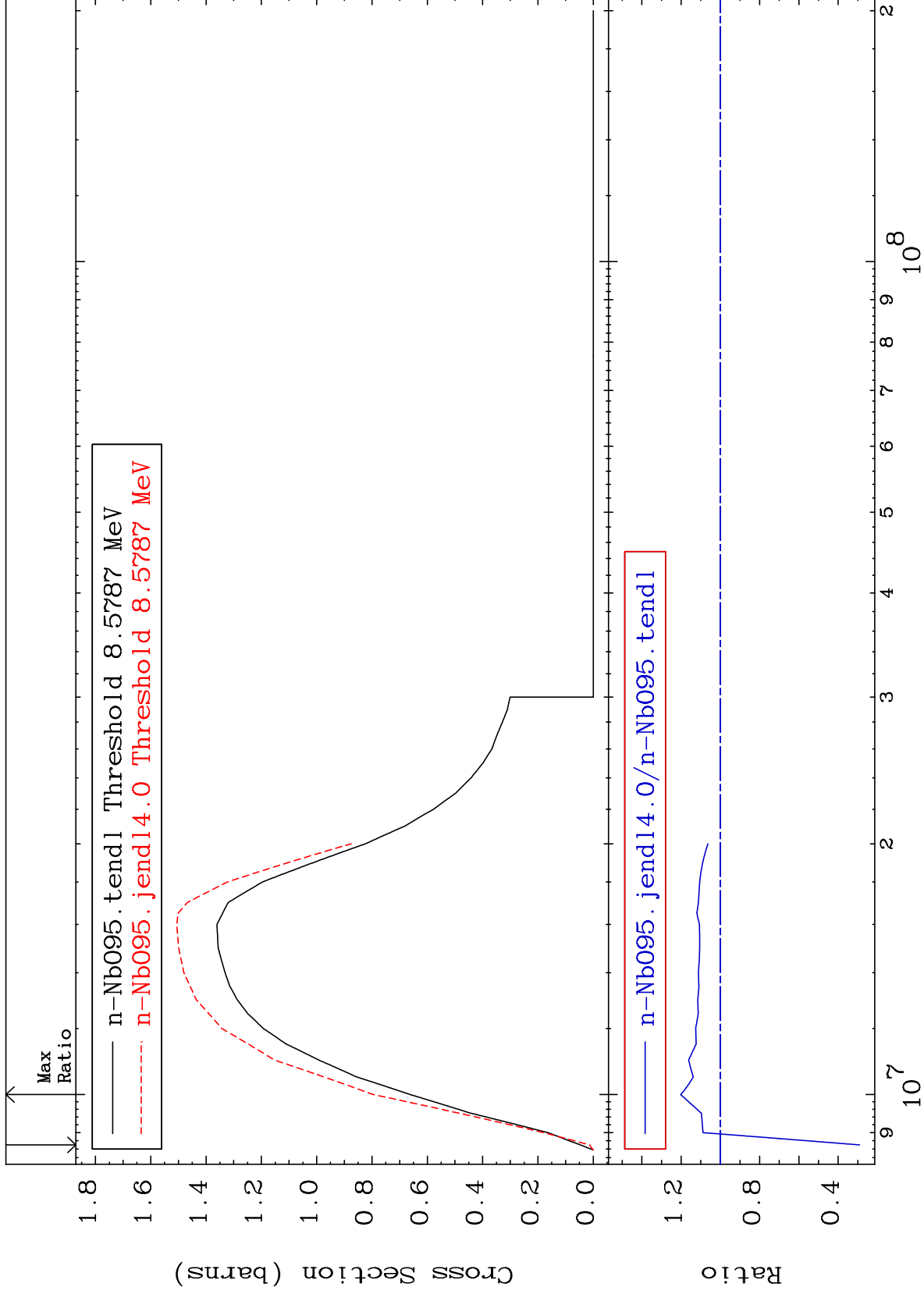
41-Nb-95
-49.82 To 58.54 %



MAT 4131

(n,2n)
Cross Section

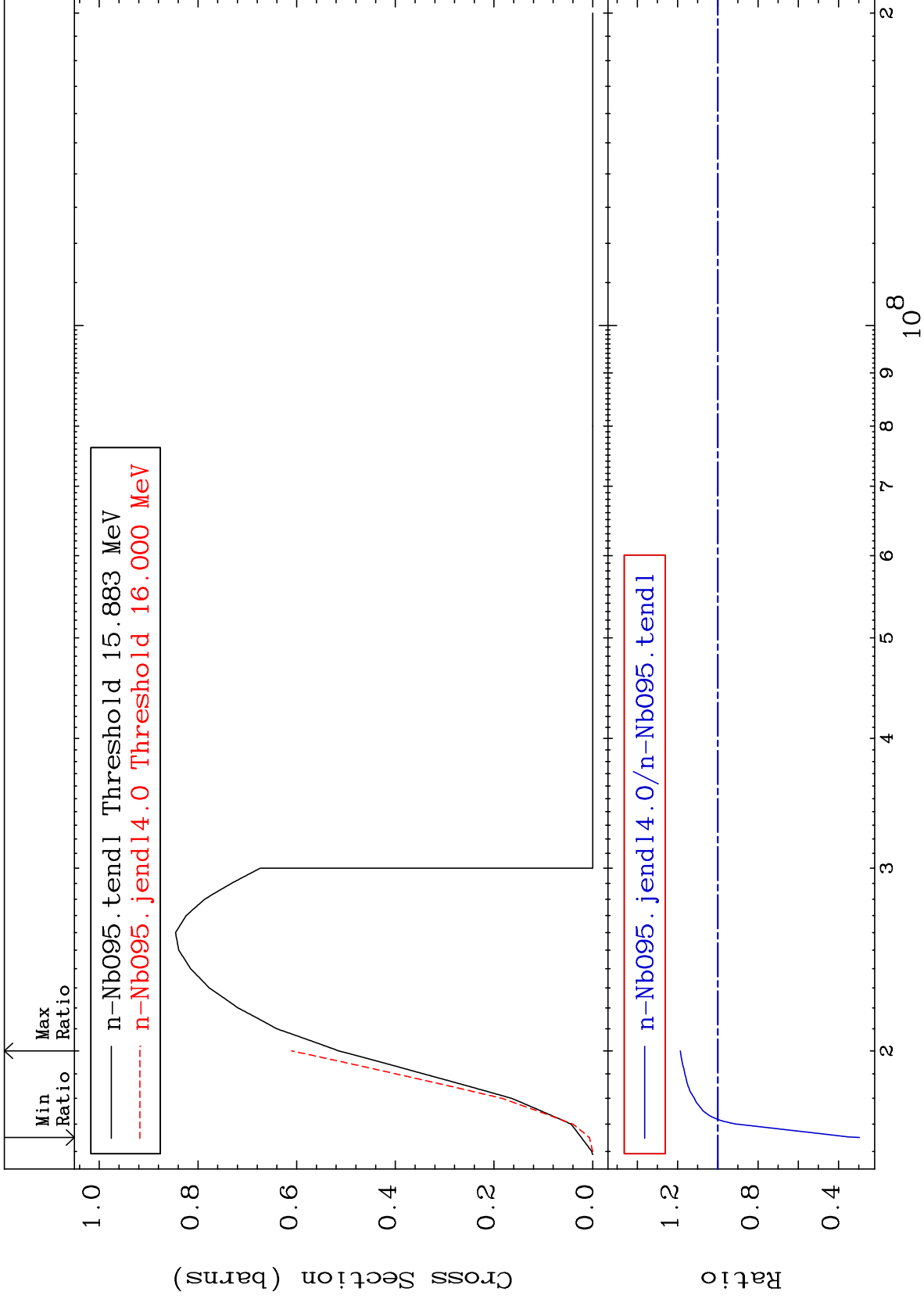
41-Nb-95
-70.89 To 20.17 %



4

Incident Energy (eV)

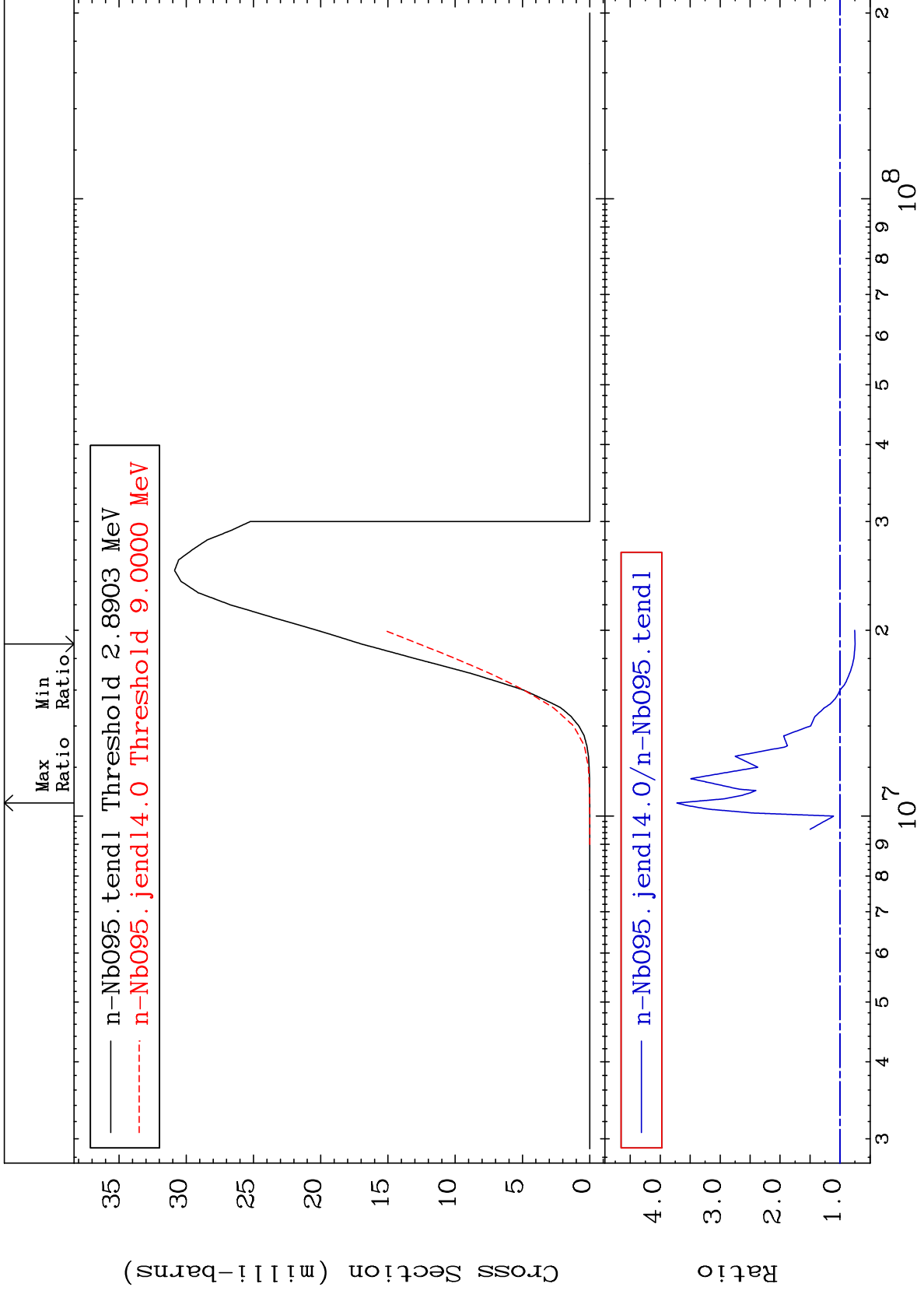
41-Nb-95



MAT 4131

(n, n') α
Cross Section

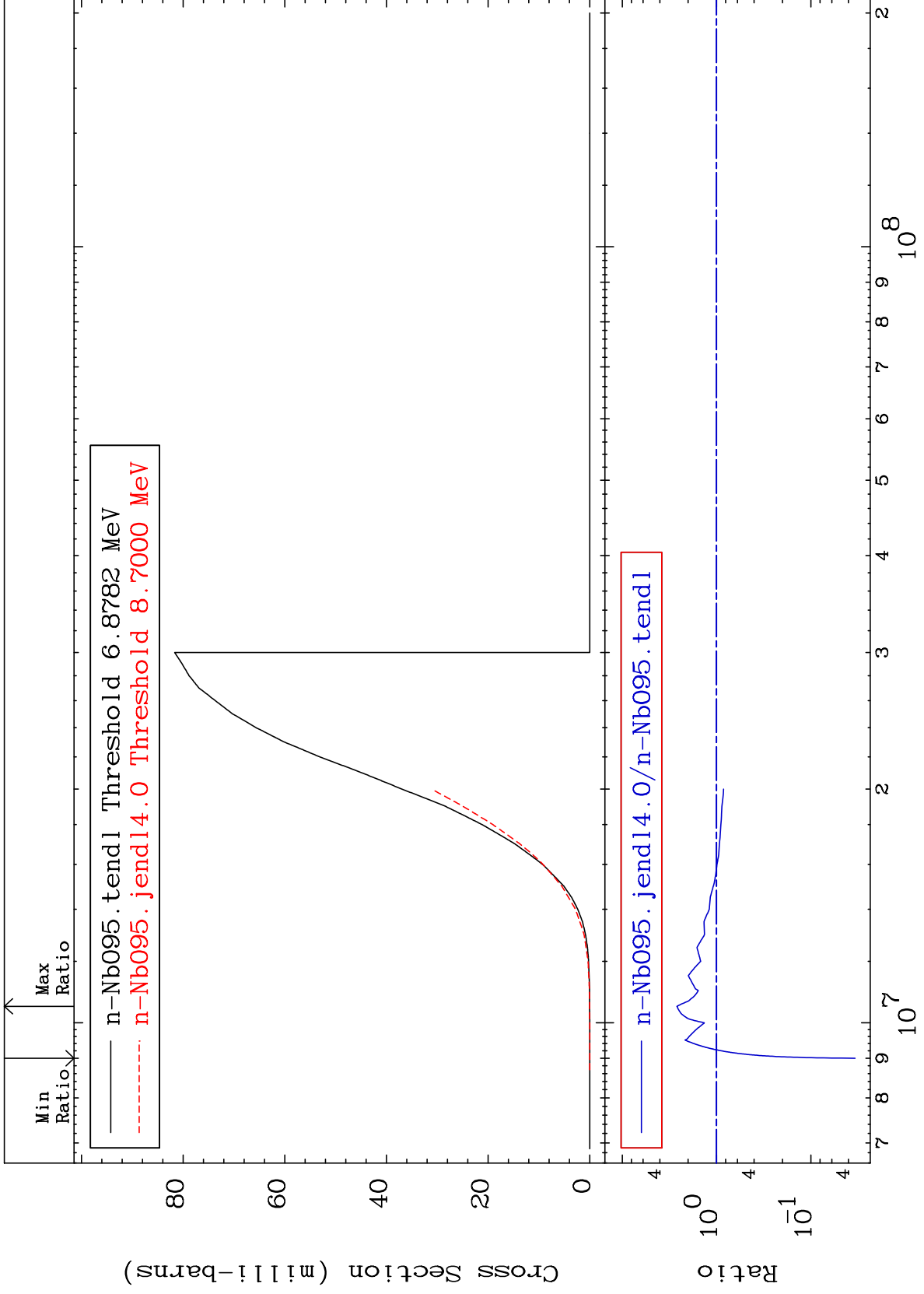
41-Nb-95
-25.22 To 272.1 %



MAT 4131

(n,n') p
Cross Section

41-Nb-95
-96.60 To 163.2 %



7

Incident Energy (eV)

41-Nb-95

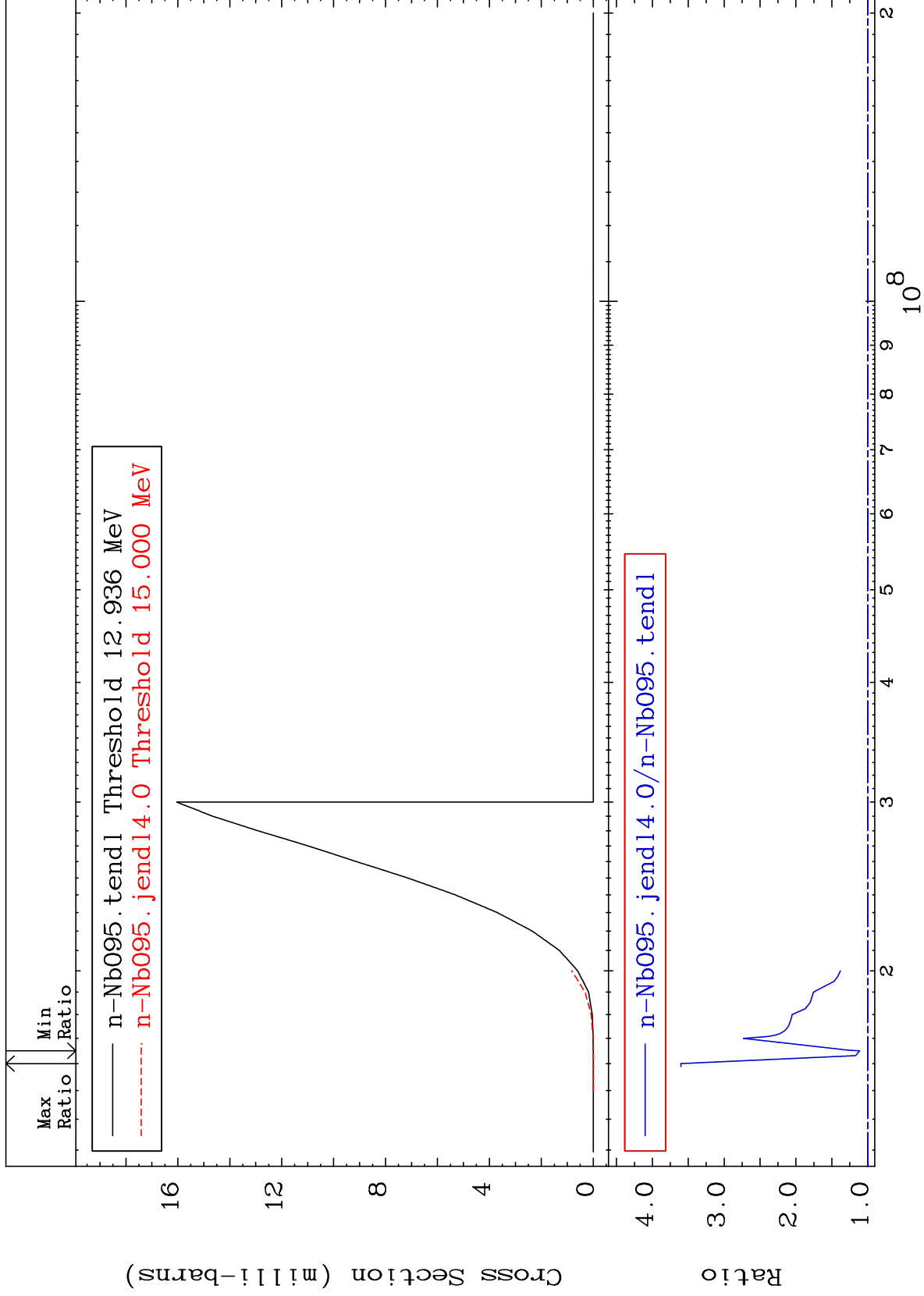
MAT 4131

(n, n') d

41-Nb-95

Cross Section

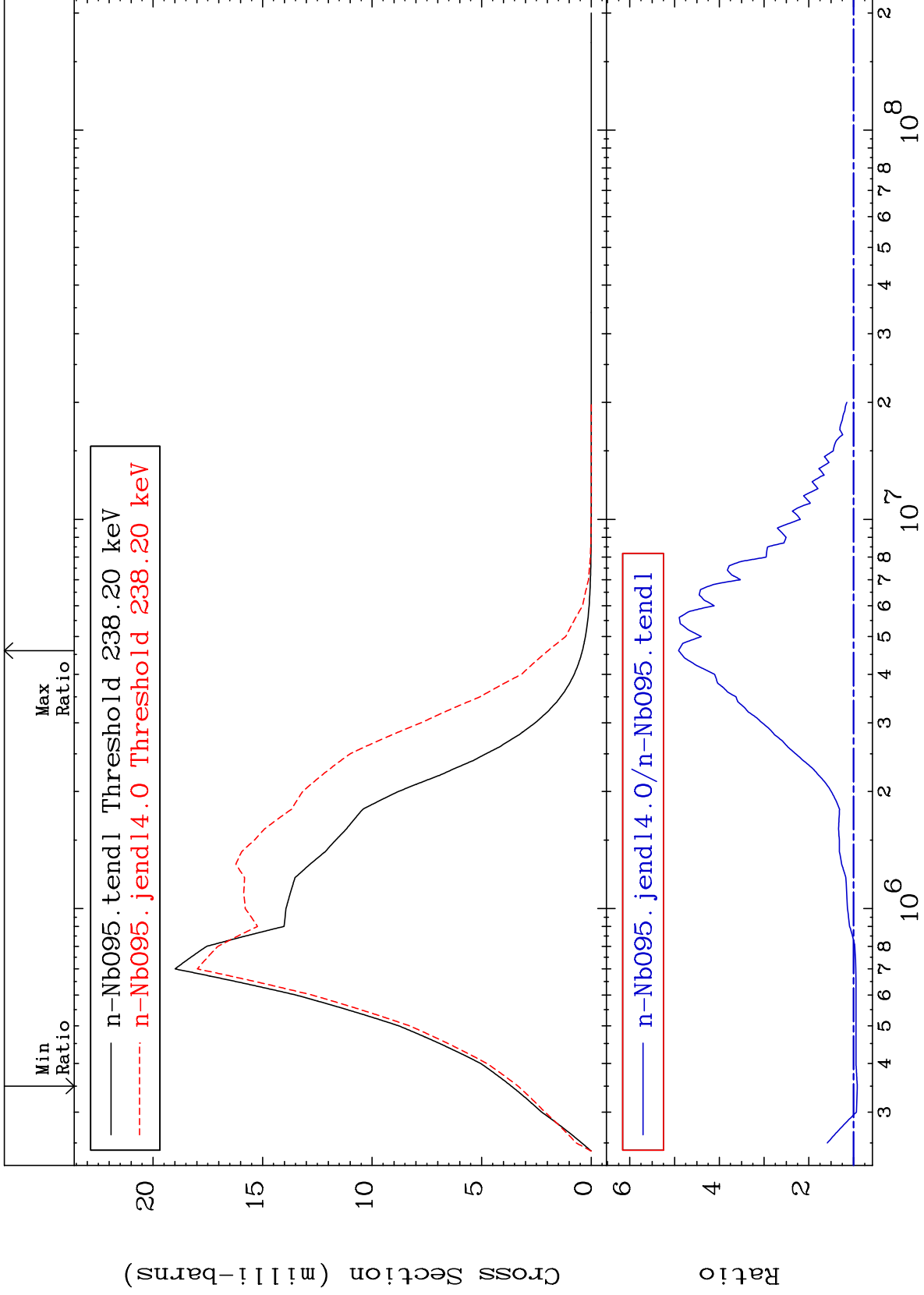
11.38 To 260.4 %



MAT 4131

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

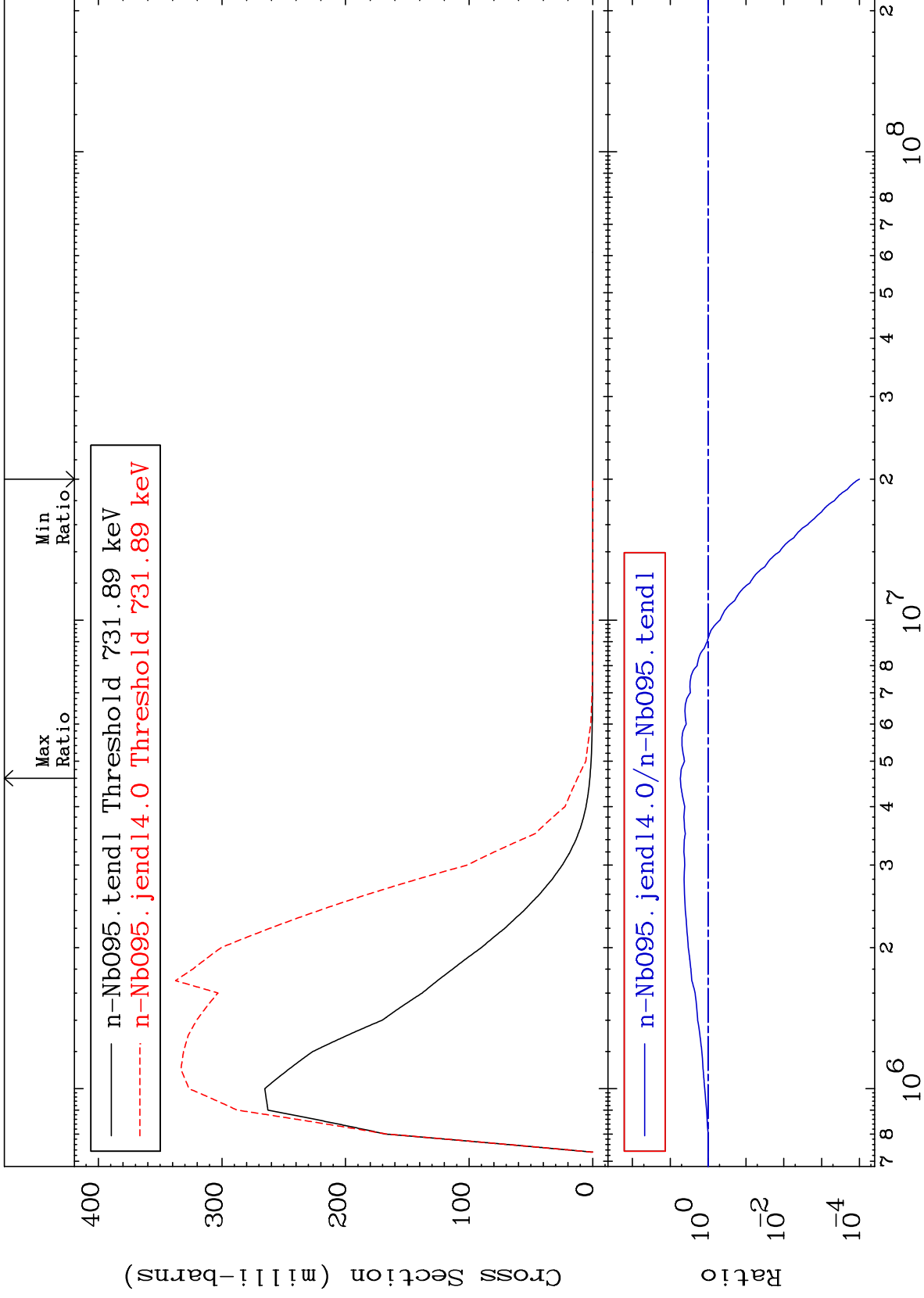
41-Nb-95
-8.380 To 390.9 %



MAT 4131

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

41-Nb-95
-99.99 To 440.8 %



10

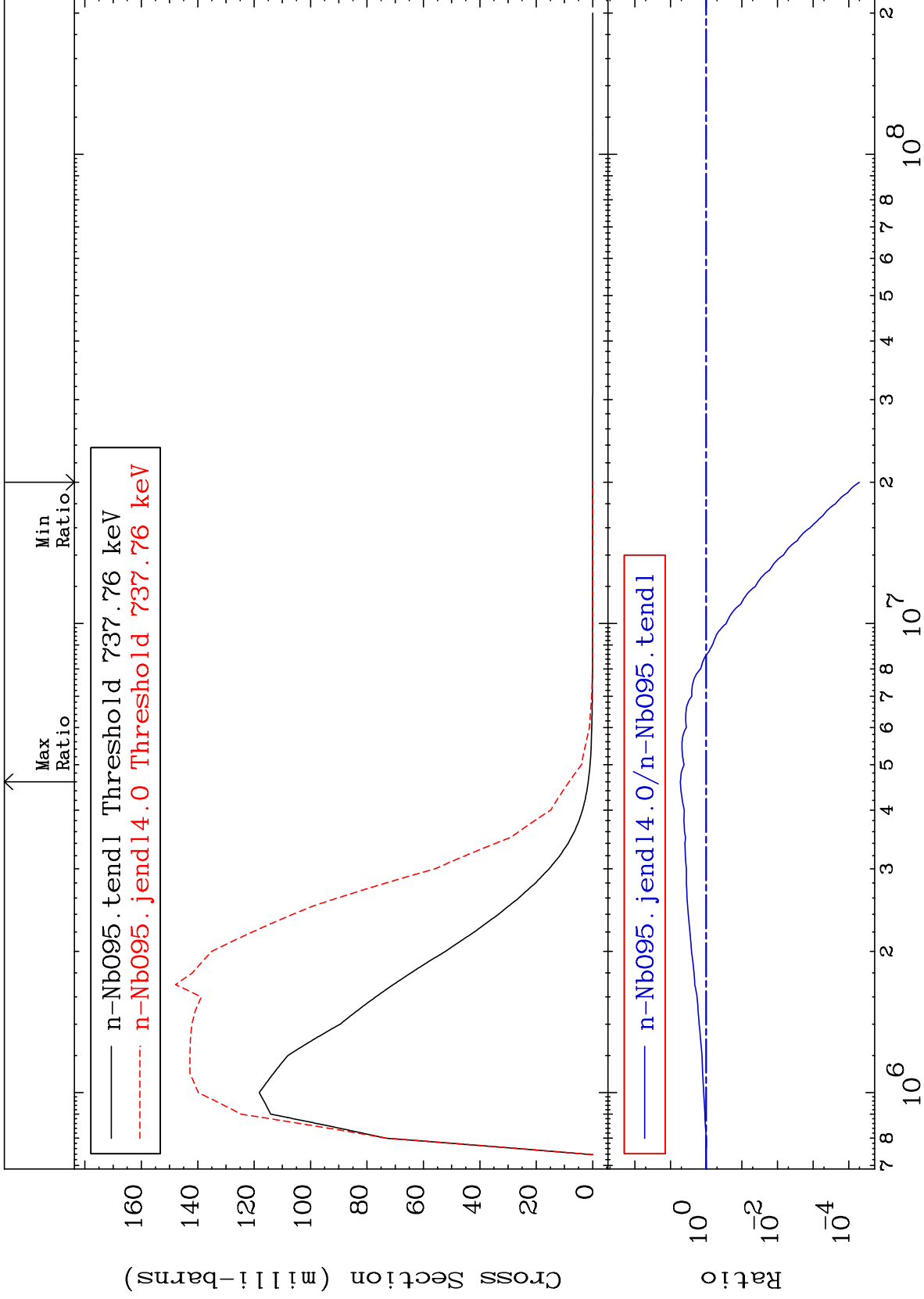
Incident Energy (eV)

41-Nb-95

MAT 4131

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

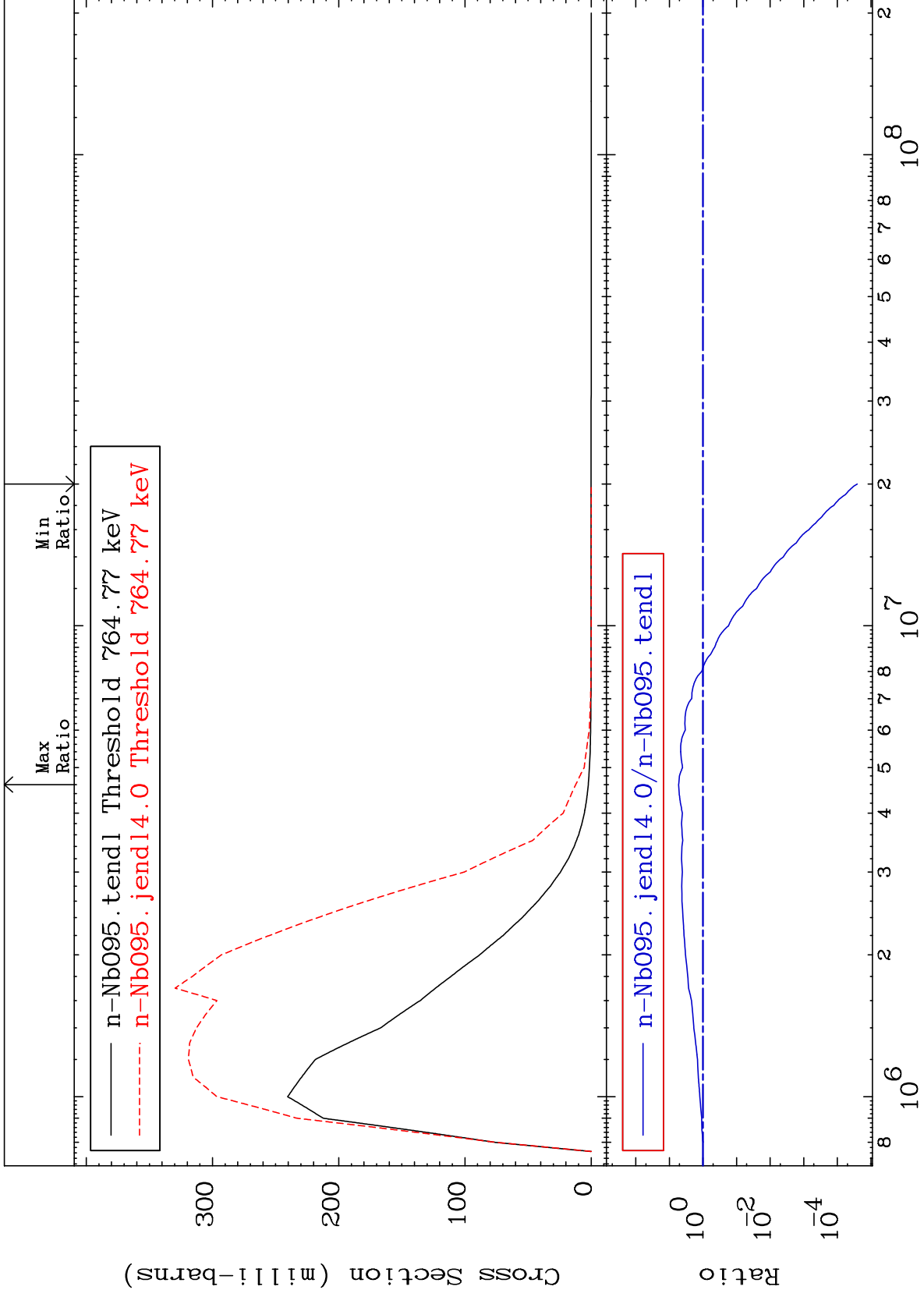
41-Nb-95
-99.99 To 431.9 %



MAT 4131

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

41-Nb-95
-100.0 To 430.0 %



12

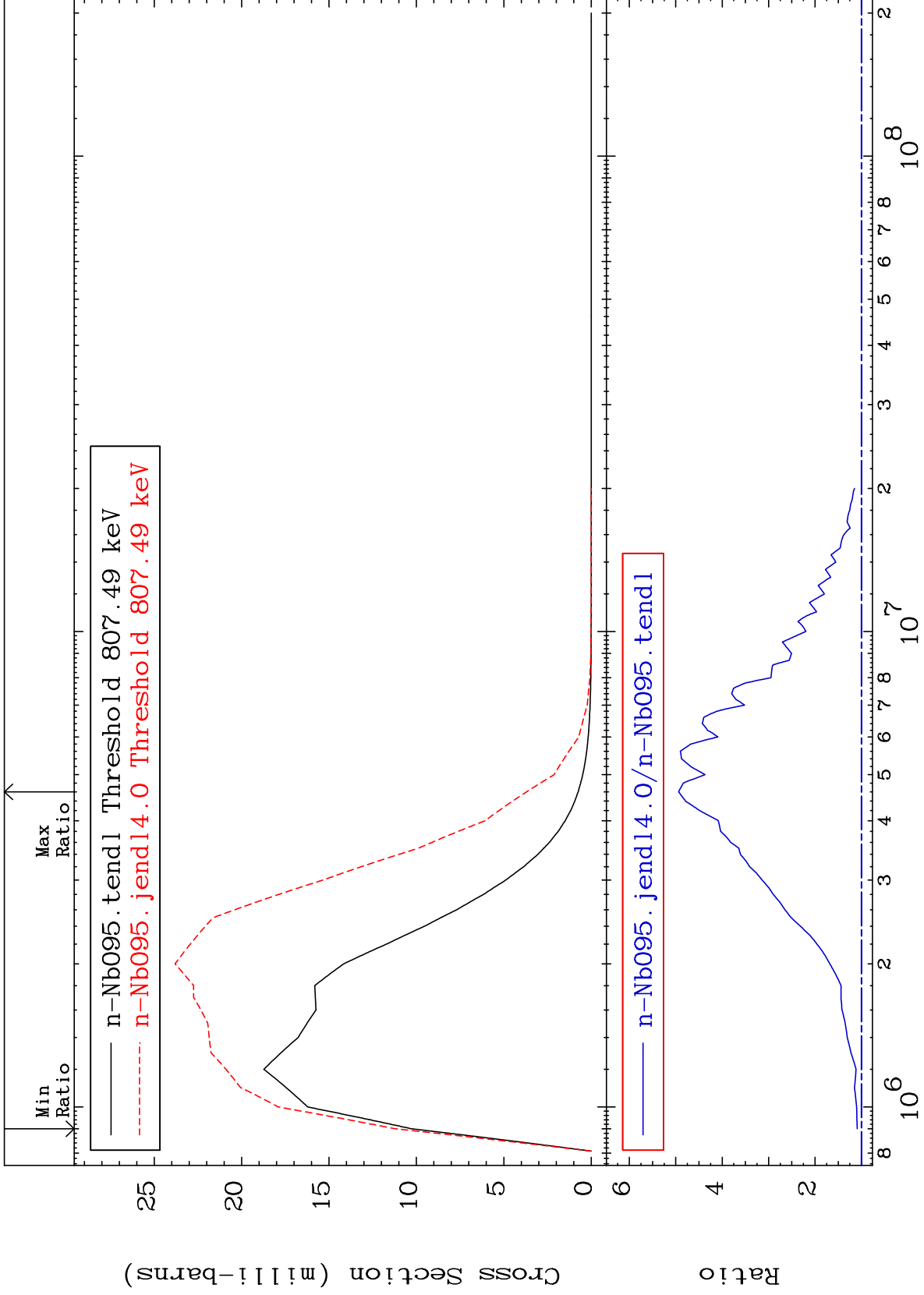
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
9.015 To 393.8 %



13

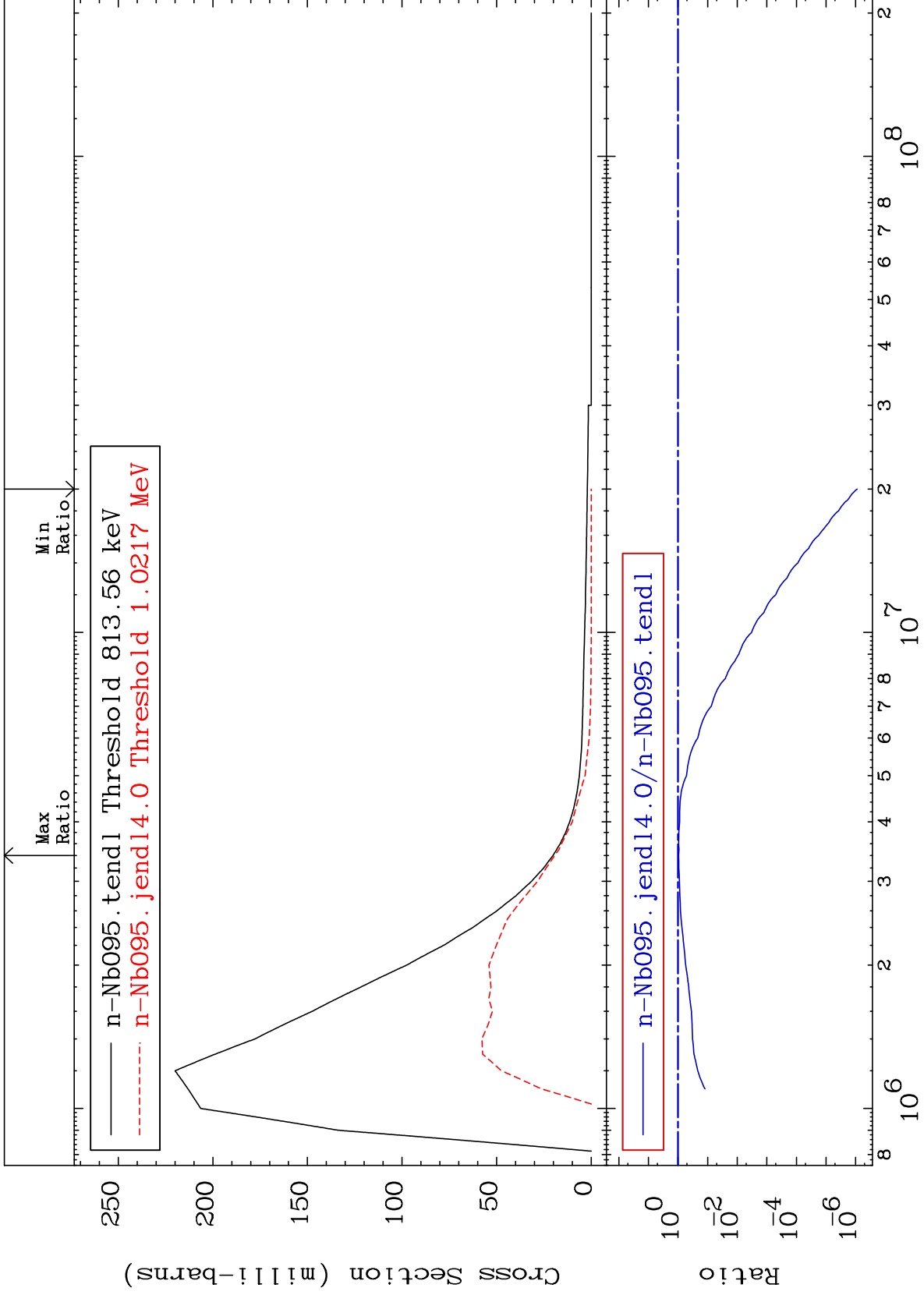
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-100.0 To -4.454%



14

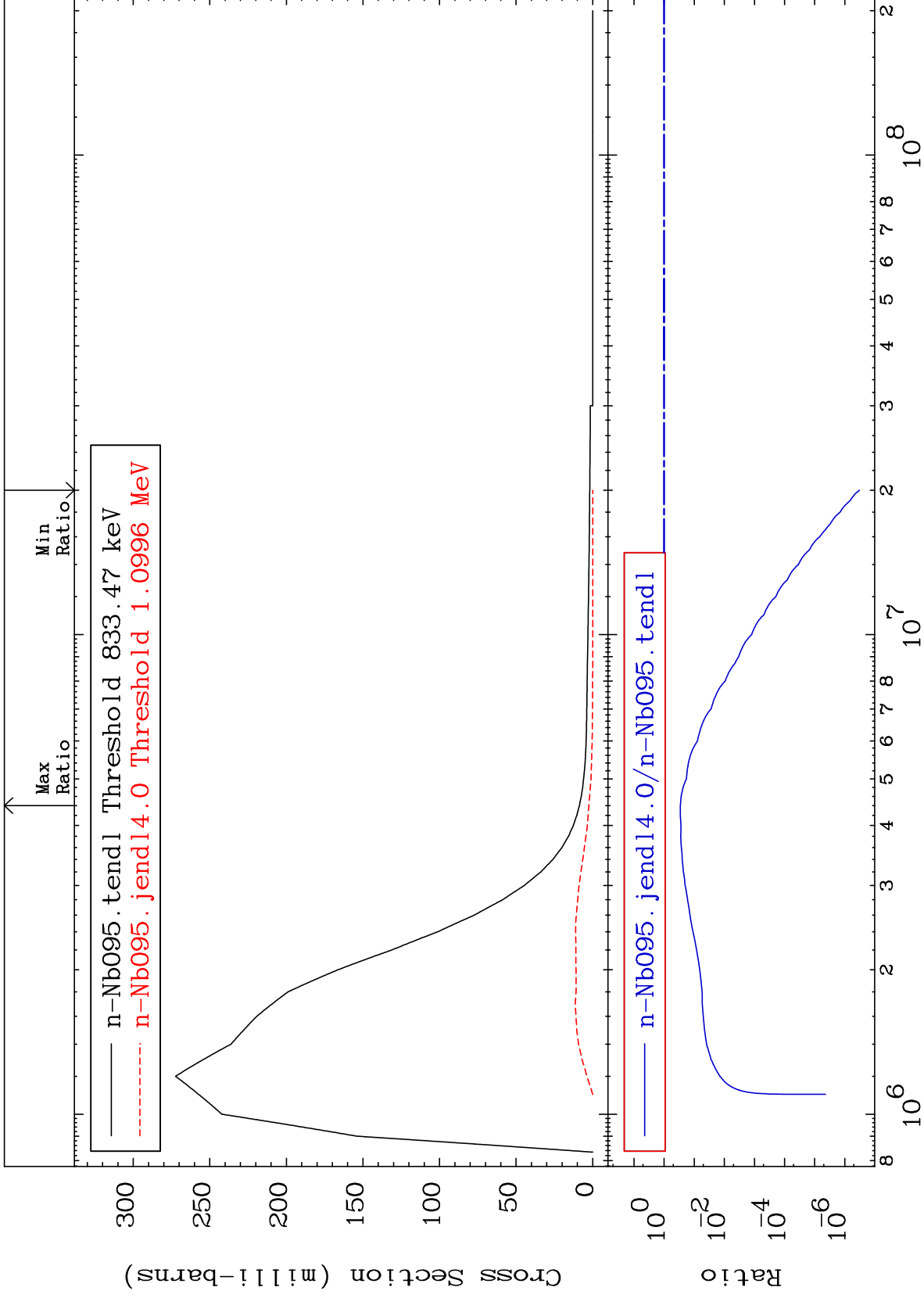
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-100.0 To -71.16%



15

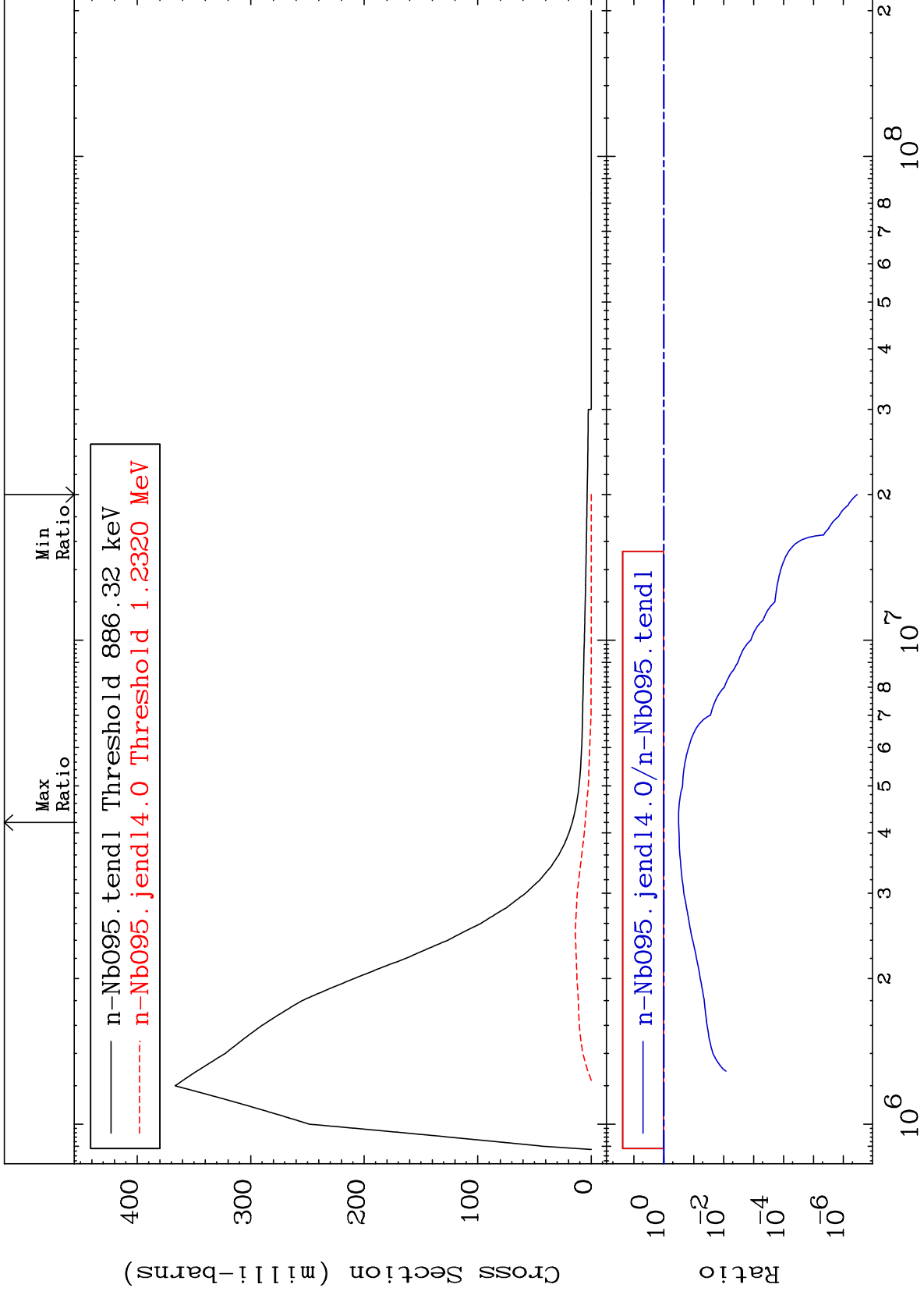
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-100.0 To -68.10%



16

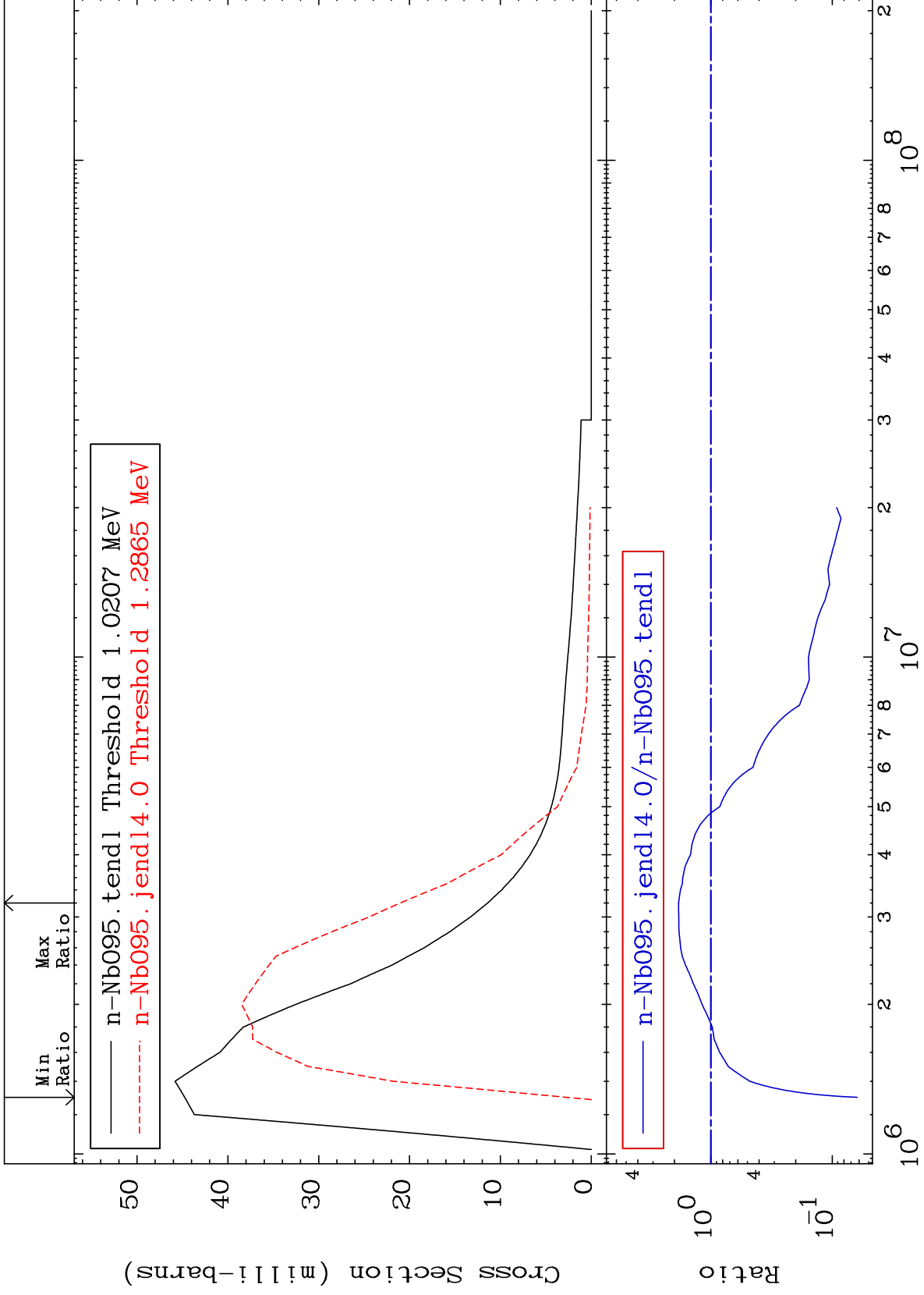
Incident Energy (eV)

41-Nb-95

MAT 4131

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

41-Nb-95
-93.78 To 84.42 %



17

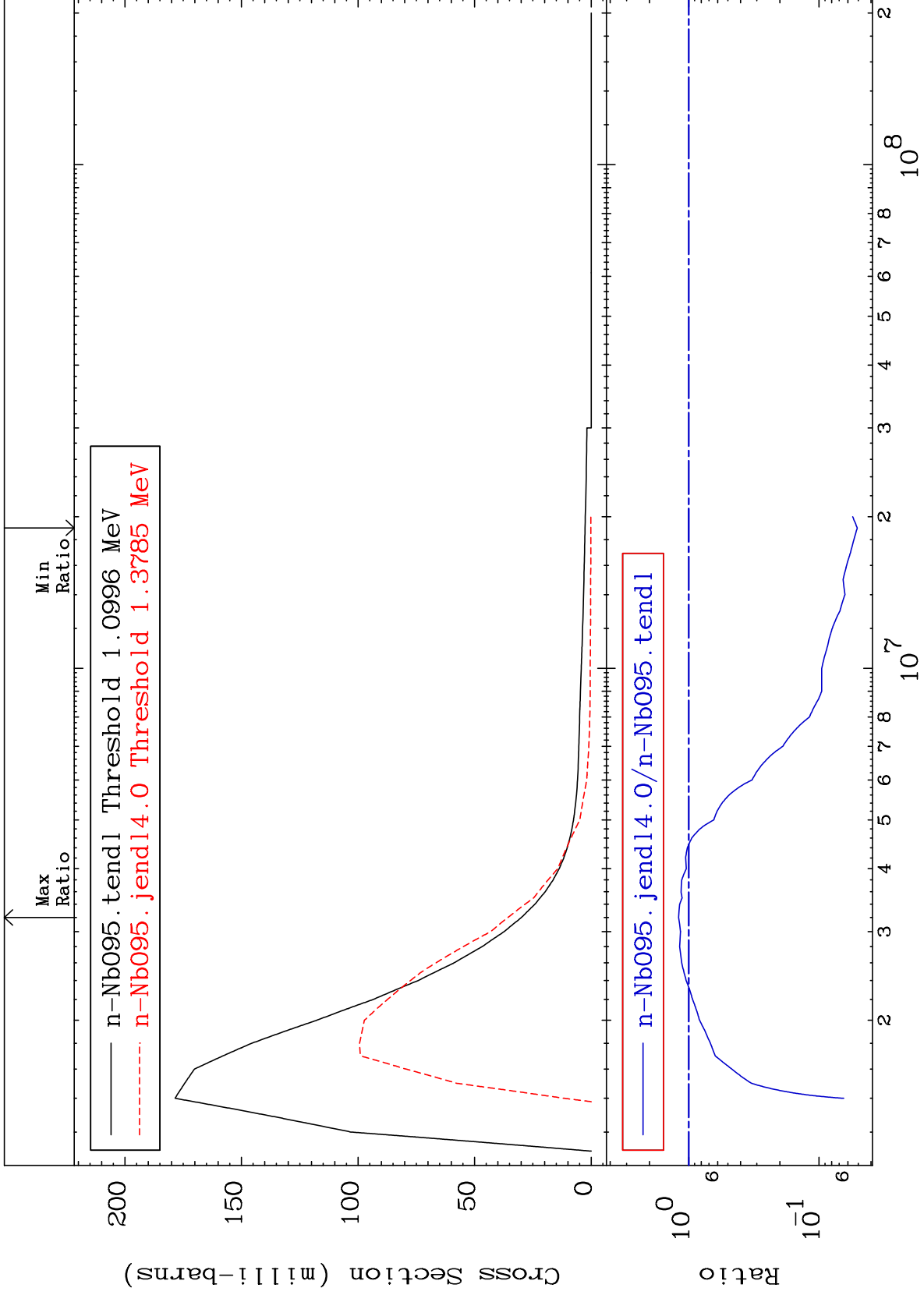
Incident Energy (eV)

41-Nb-95

MAT 4131

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

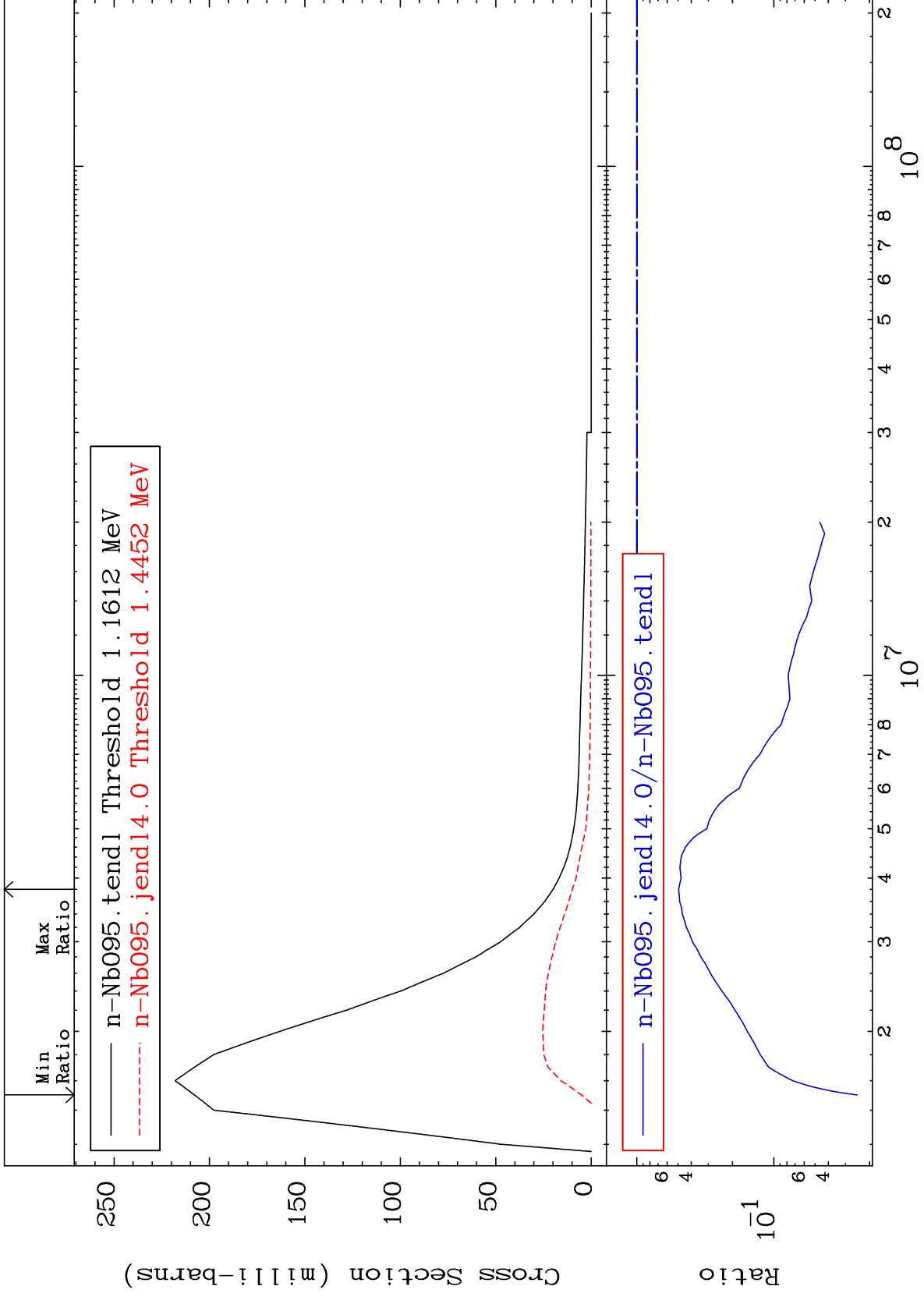
41-Nb-95
-94.91 To 19.50 %



MAT 4131

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

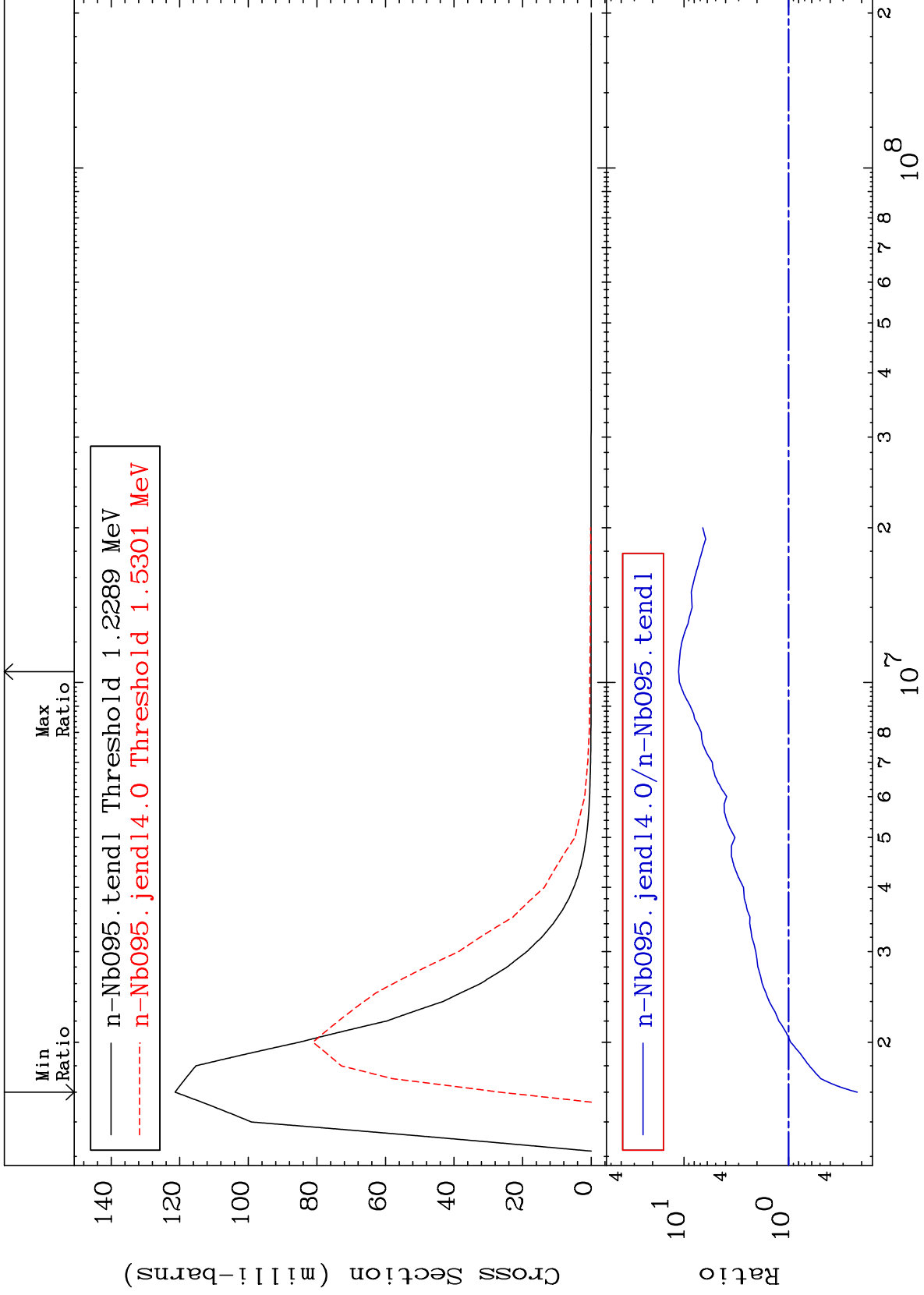
41-Nb-95
-97.54 To -50.57%



MAT 4131

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

41-Nb-95
-78.01 To 1028. %



20

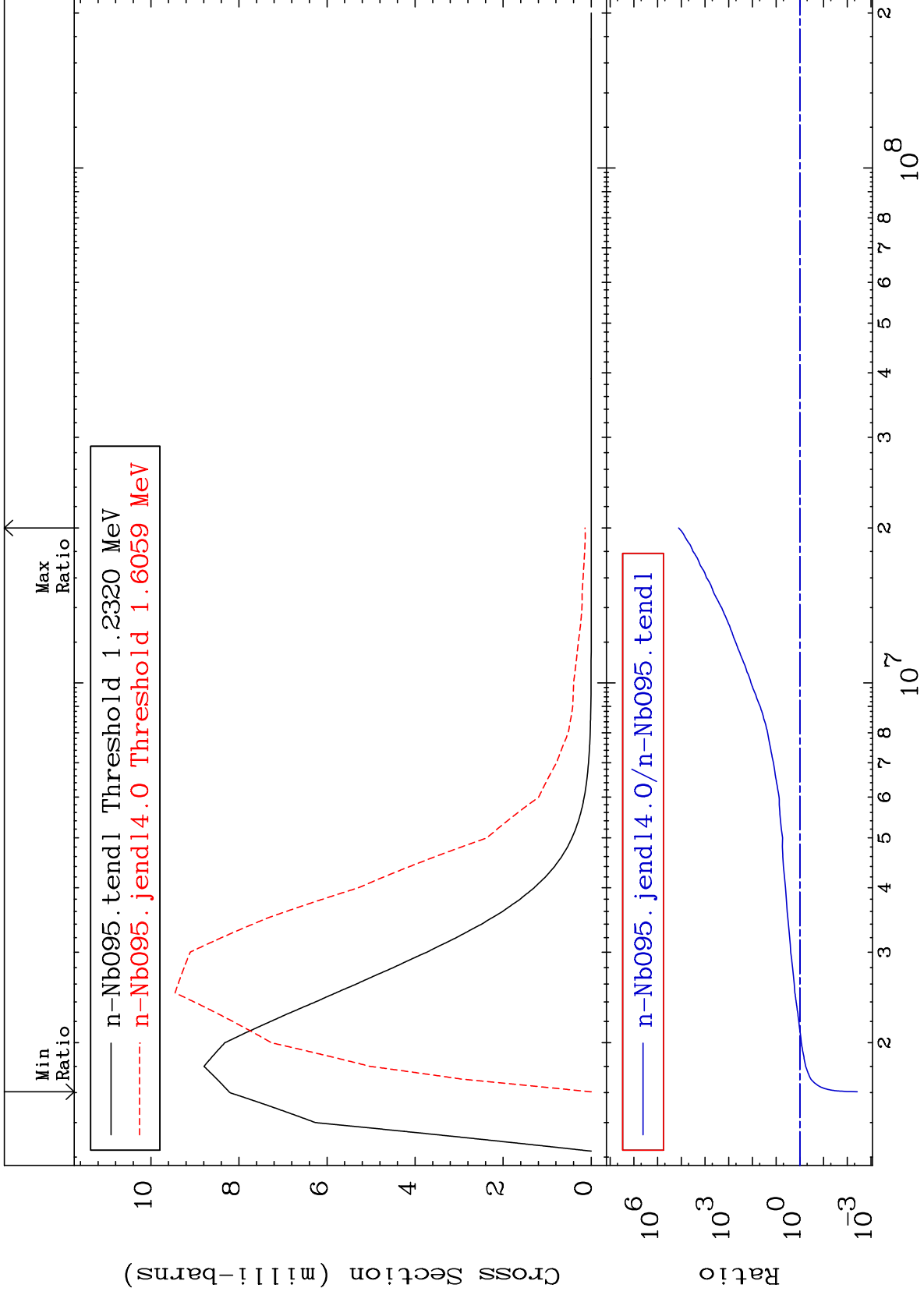
Incident Energy (eV)

41-Nb-95

MAT 4131

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

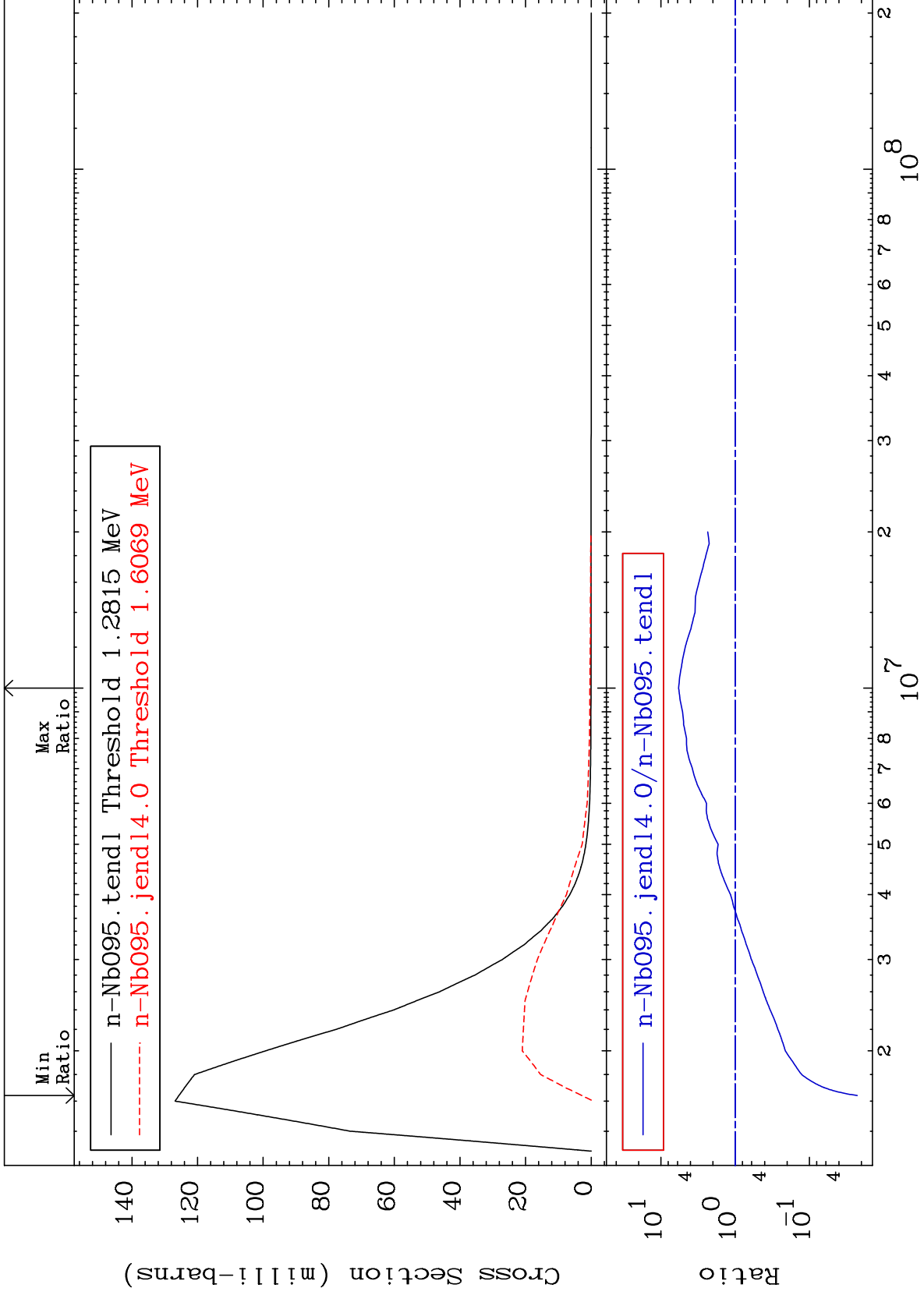
41-Nb-95
-99.62 To 9999. %

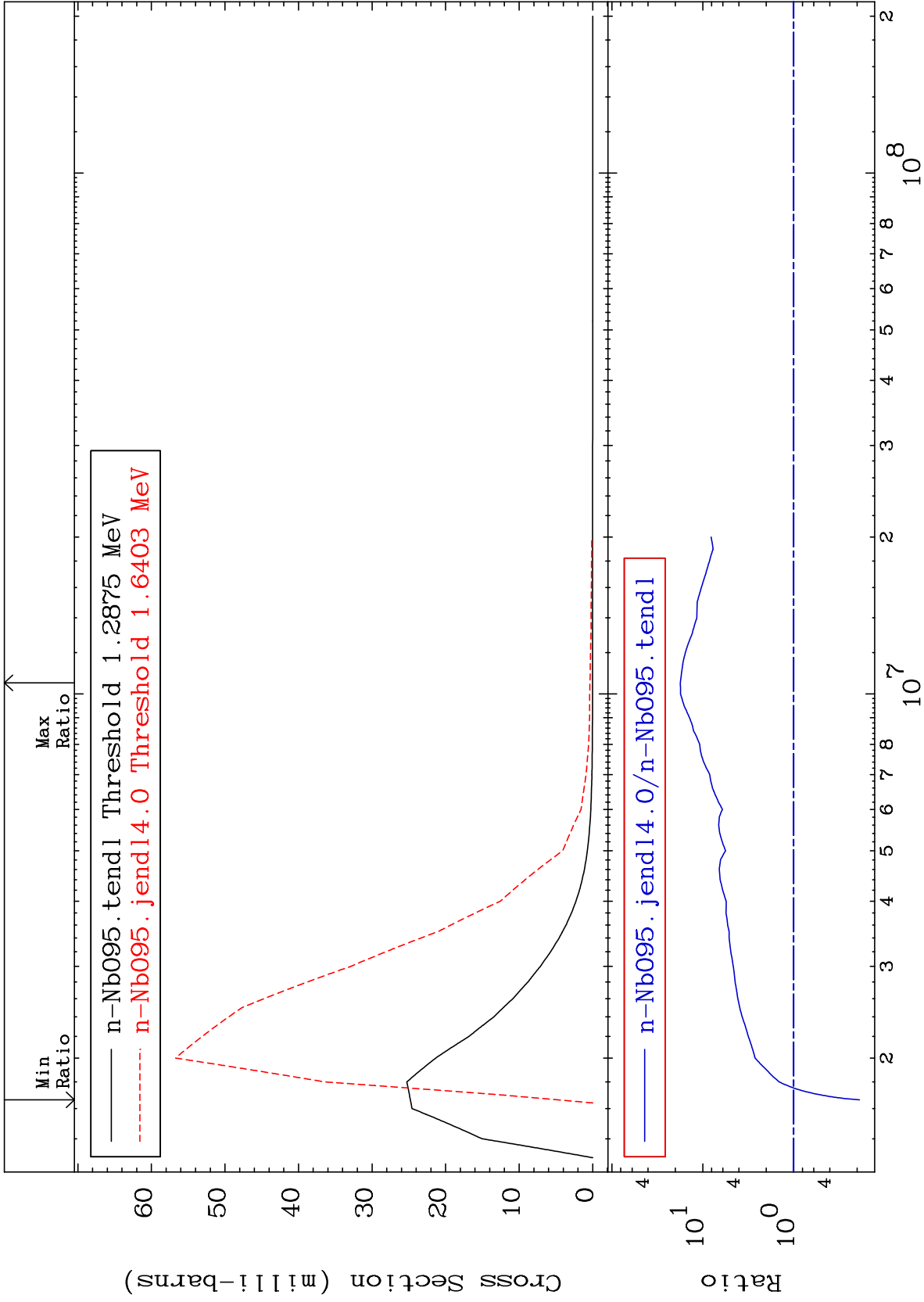


MAT 4131

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

41-Nb-95
-97.73 To 478.3 %

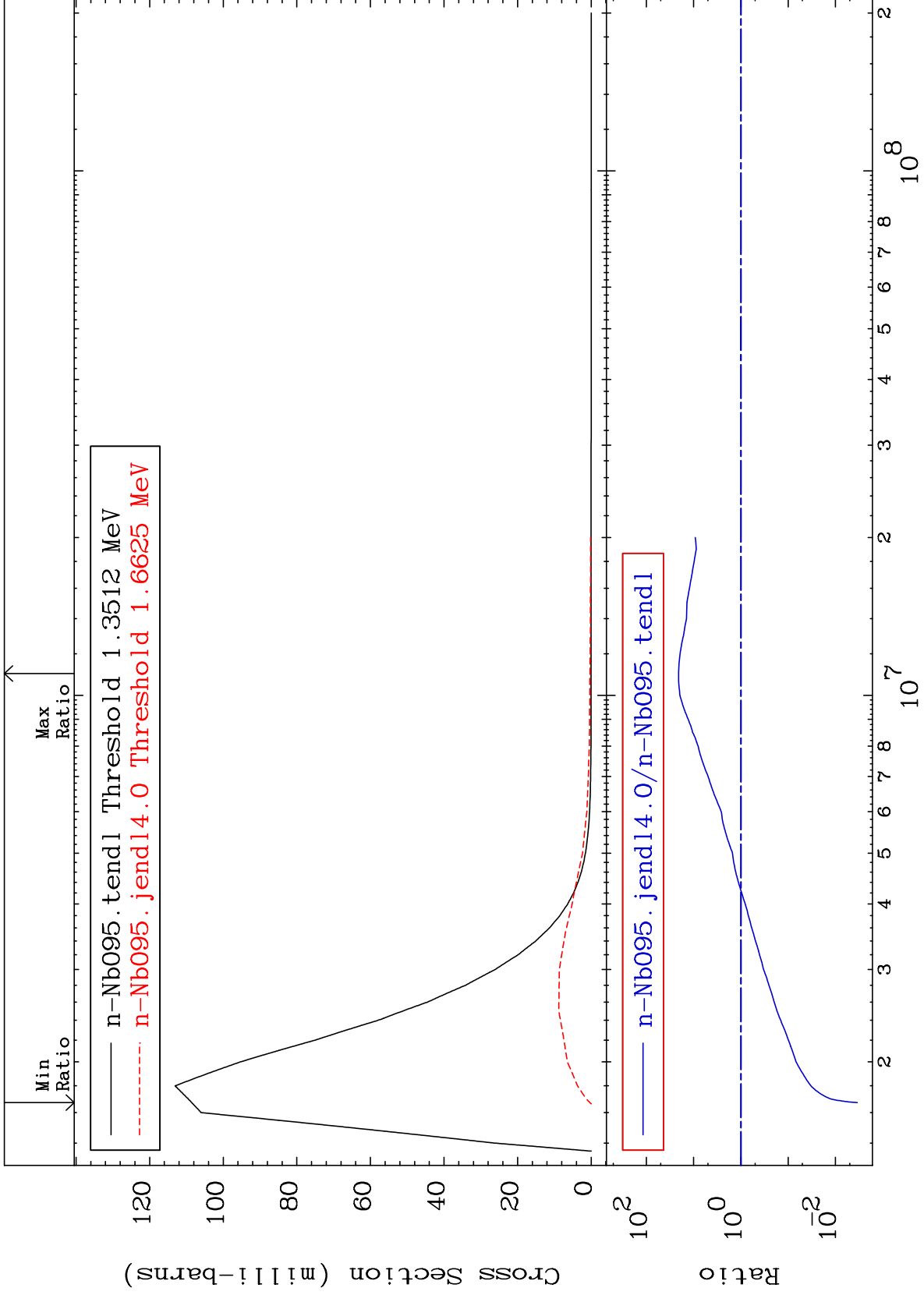


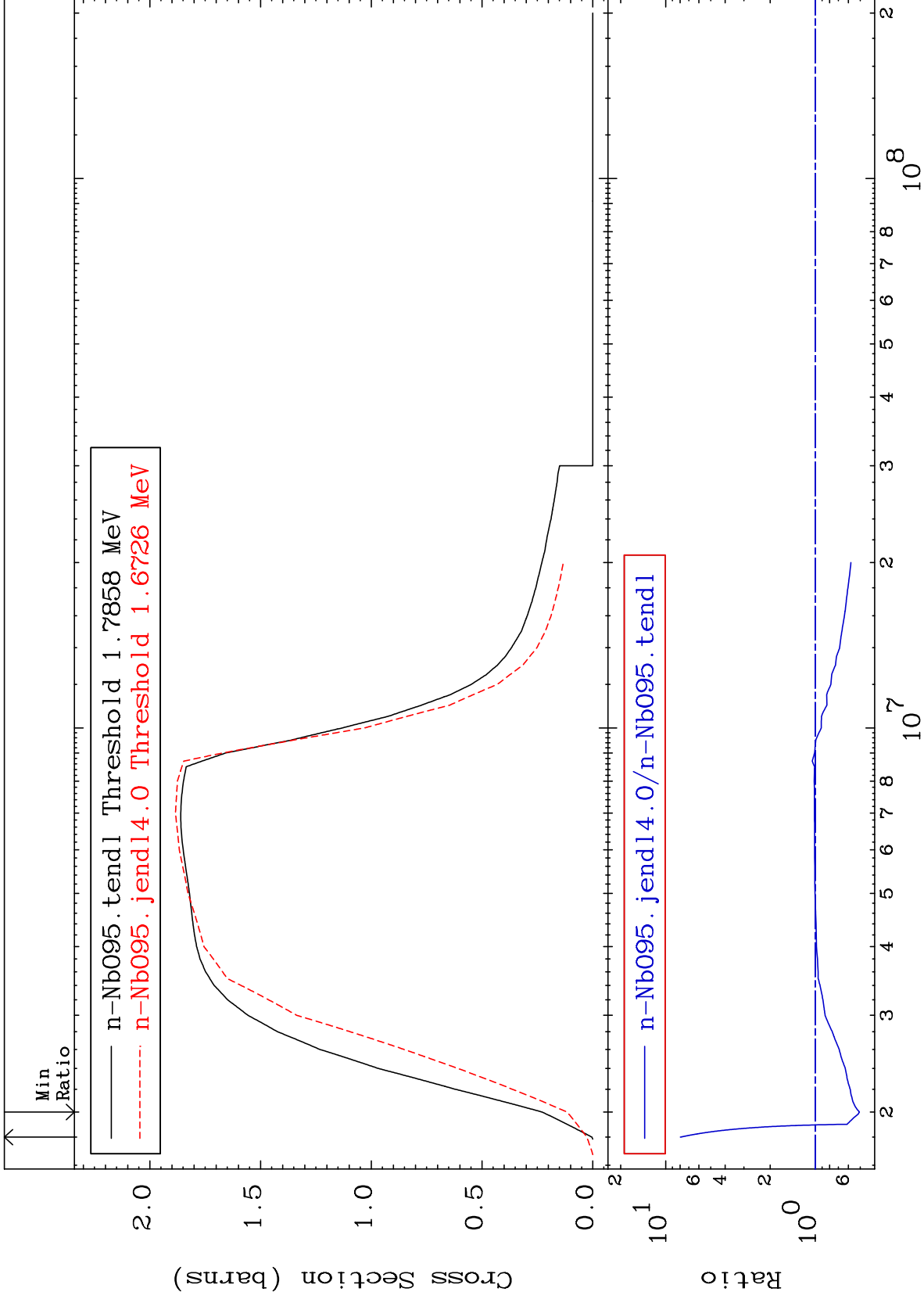


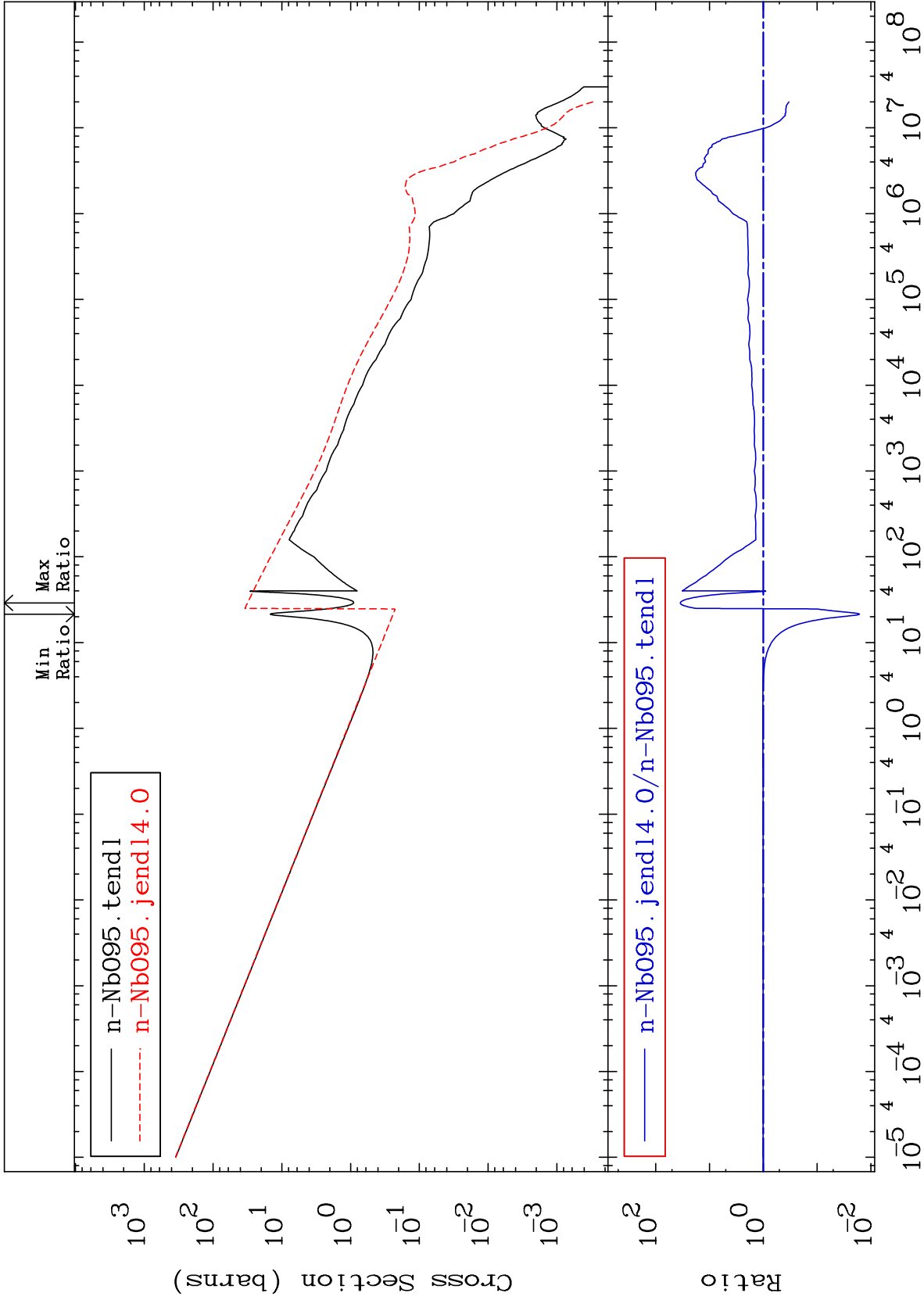
MAT 4131

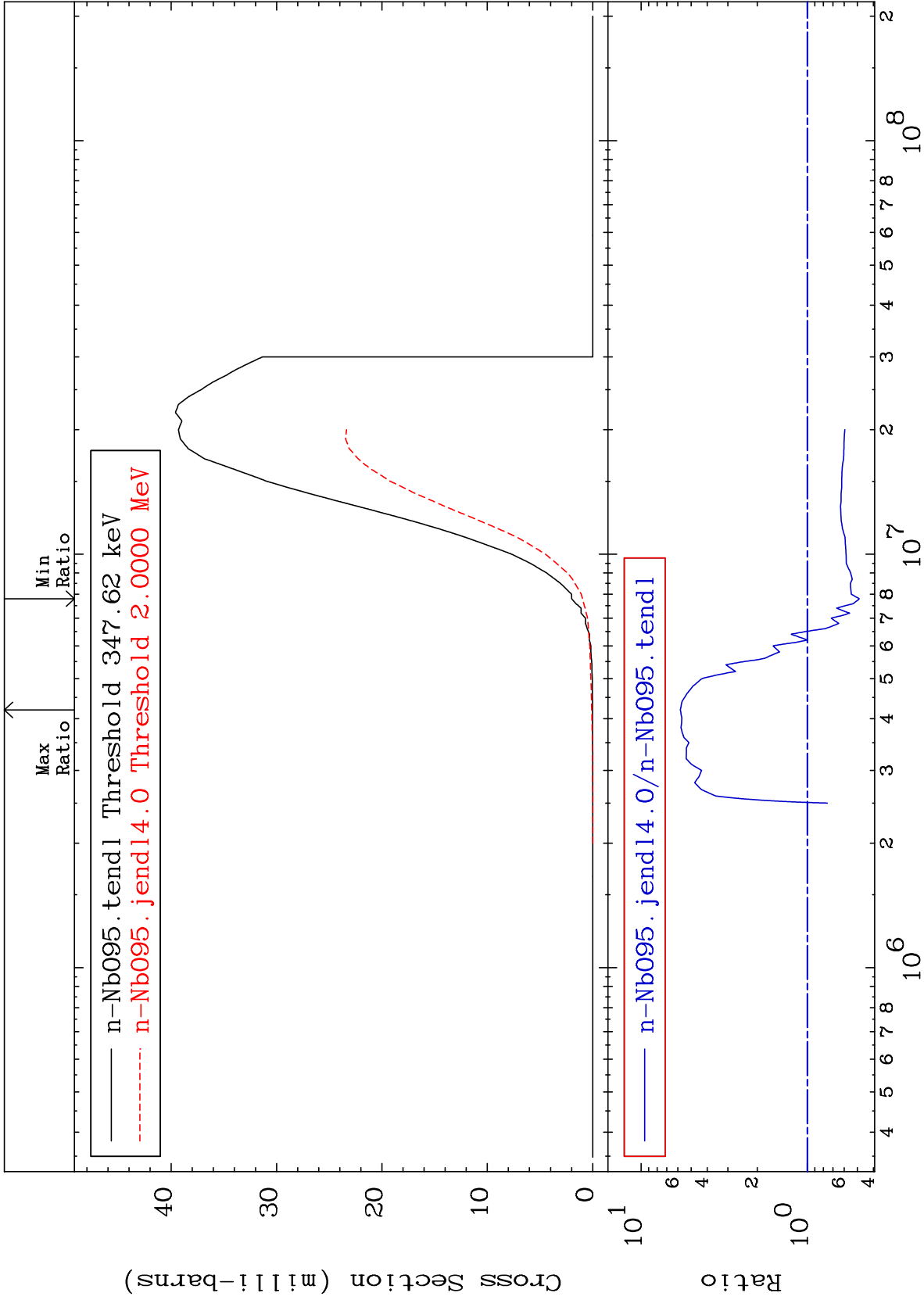
MT= 66 (n,n') Level
Cross Section

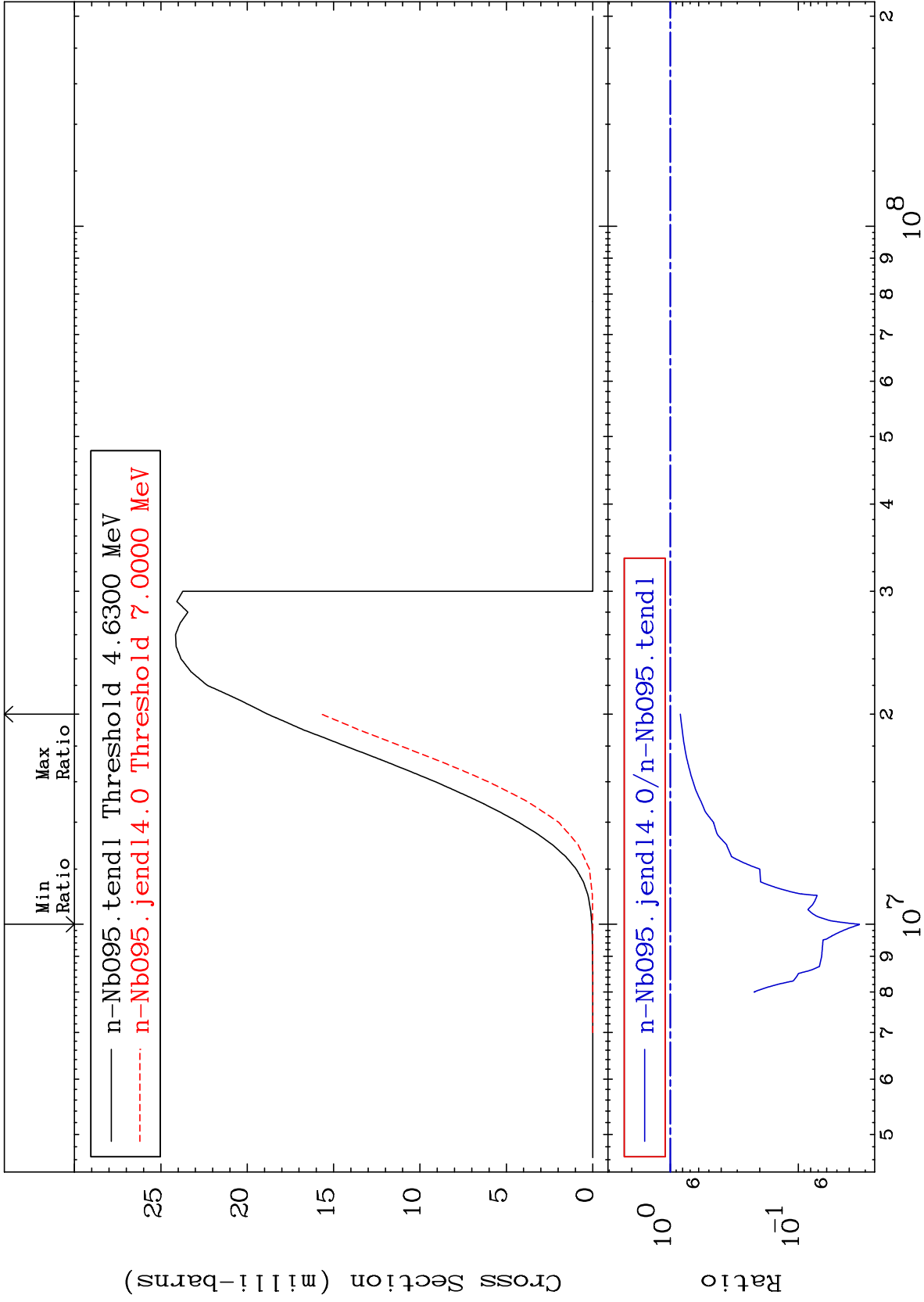
41-Nb-95
-99.65 To 1977. %





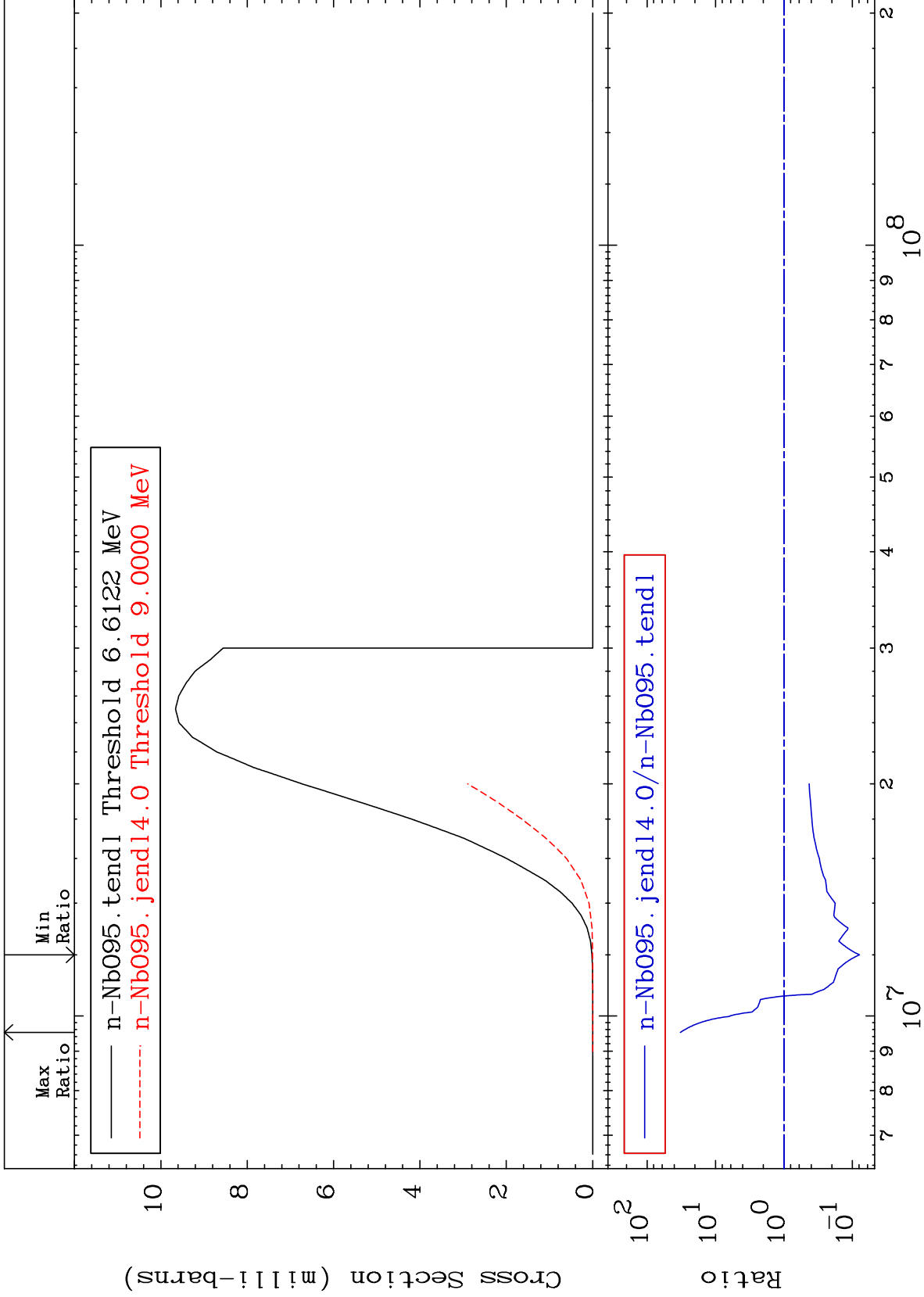






Cross Section

-92.10 To 3163. %



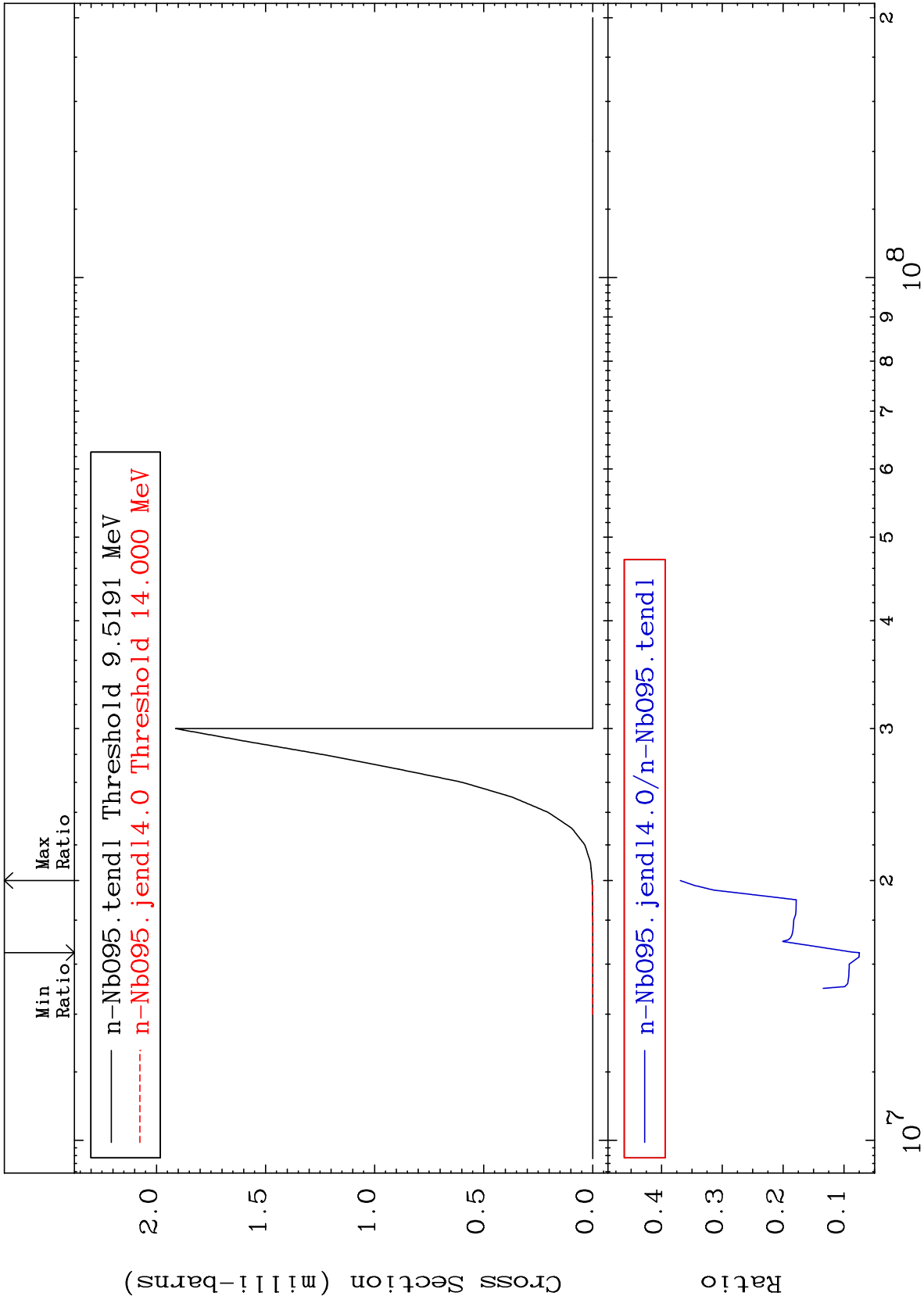
MAT 4131

(n, He-3)

41-Nb-95

Cross Section

-92.53 To -63.10%



30

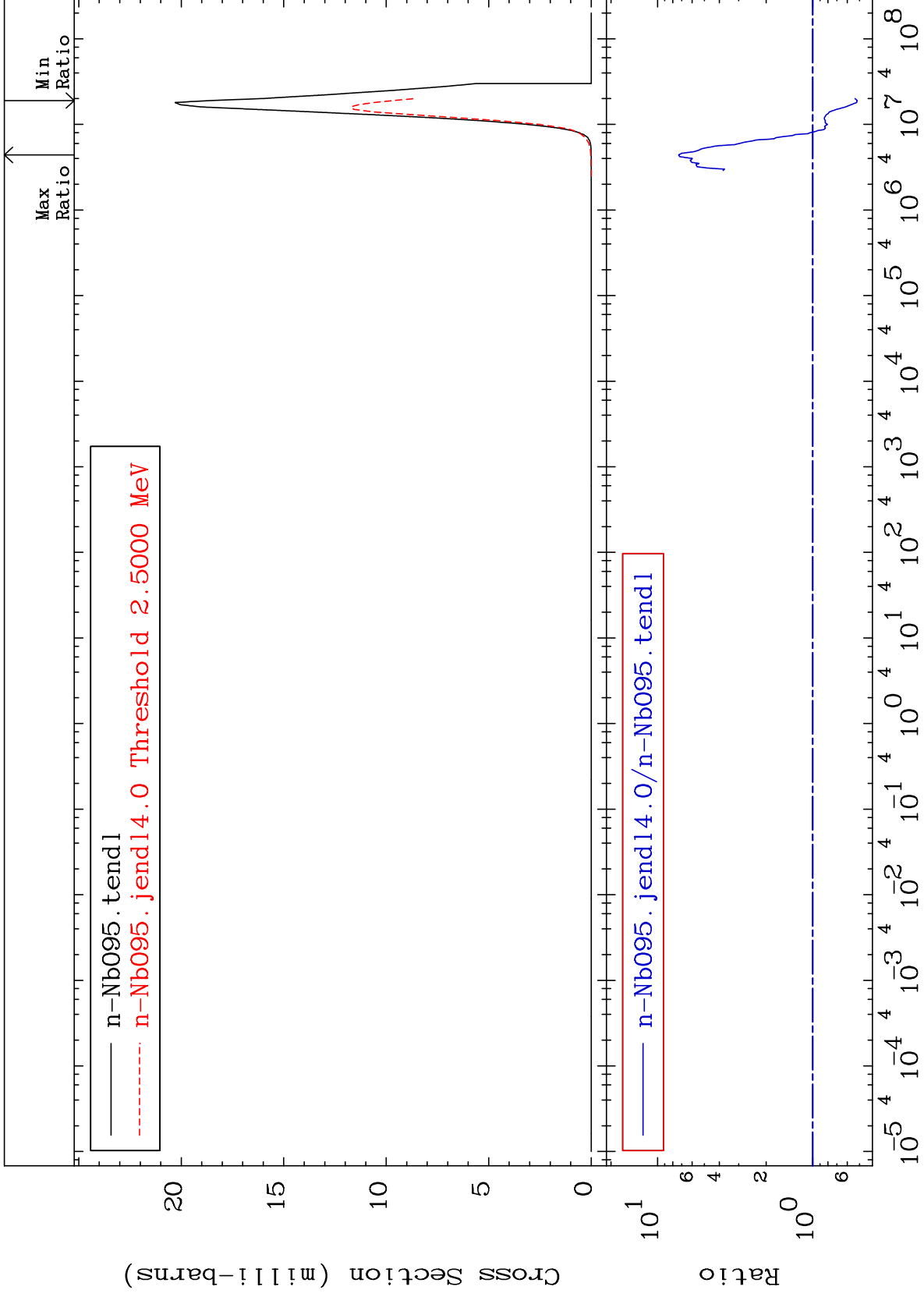
Incident Energy (eV)

41-Nb-95

MAT 4131

(n, α)
Cross Section

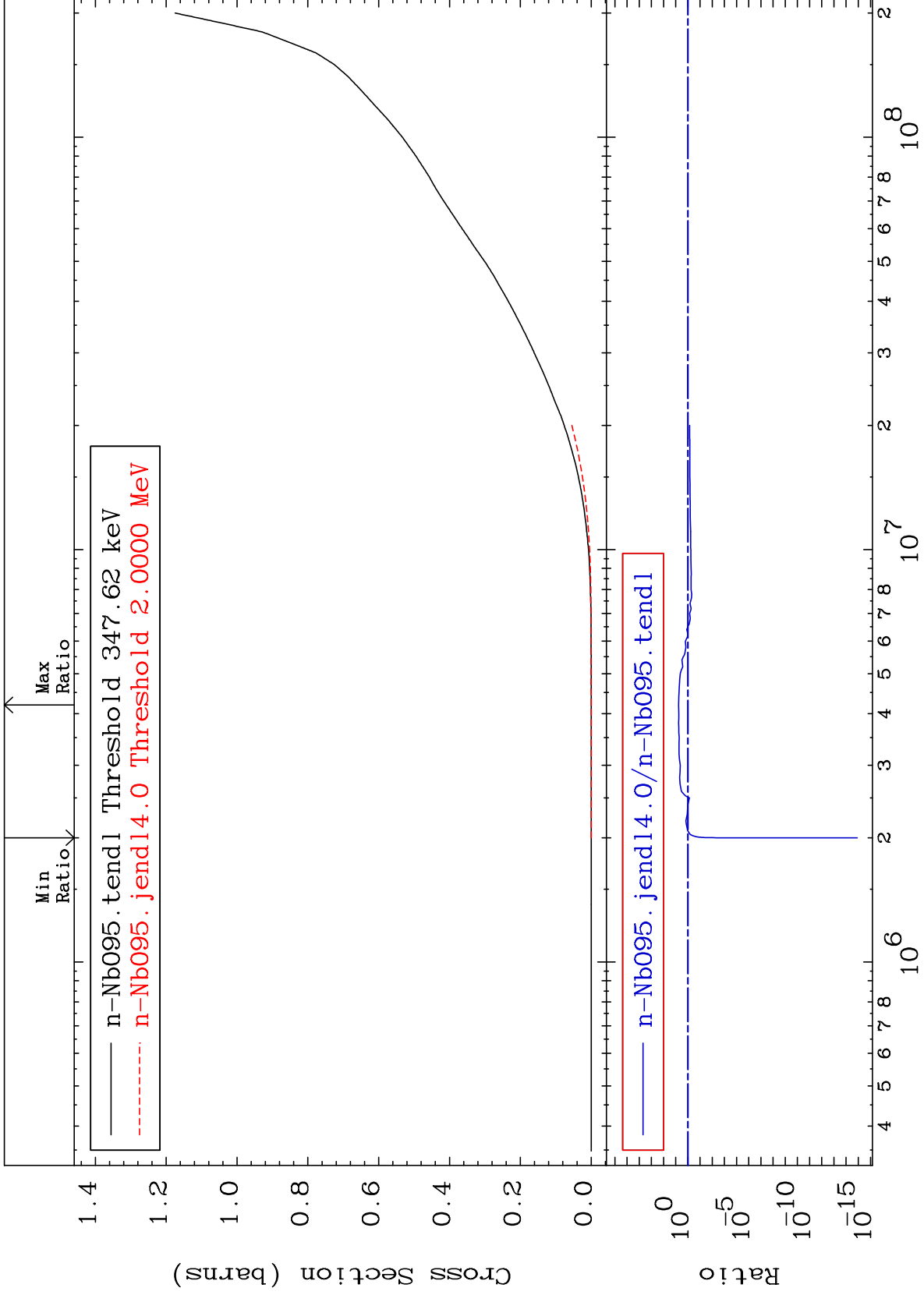
41-Nb-95
-48.27 To 632.4 %

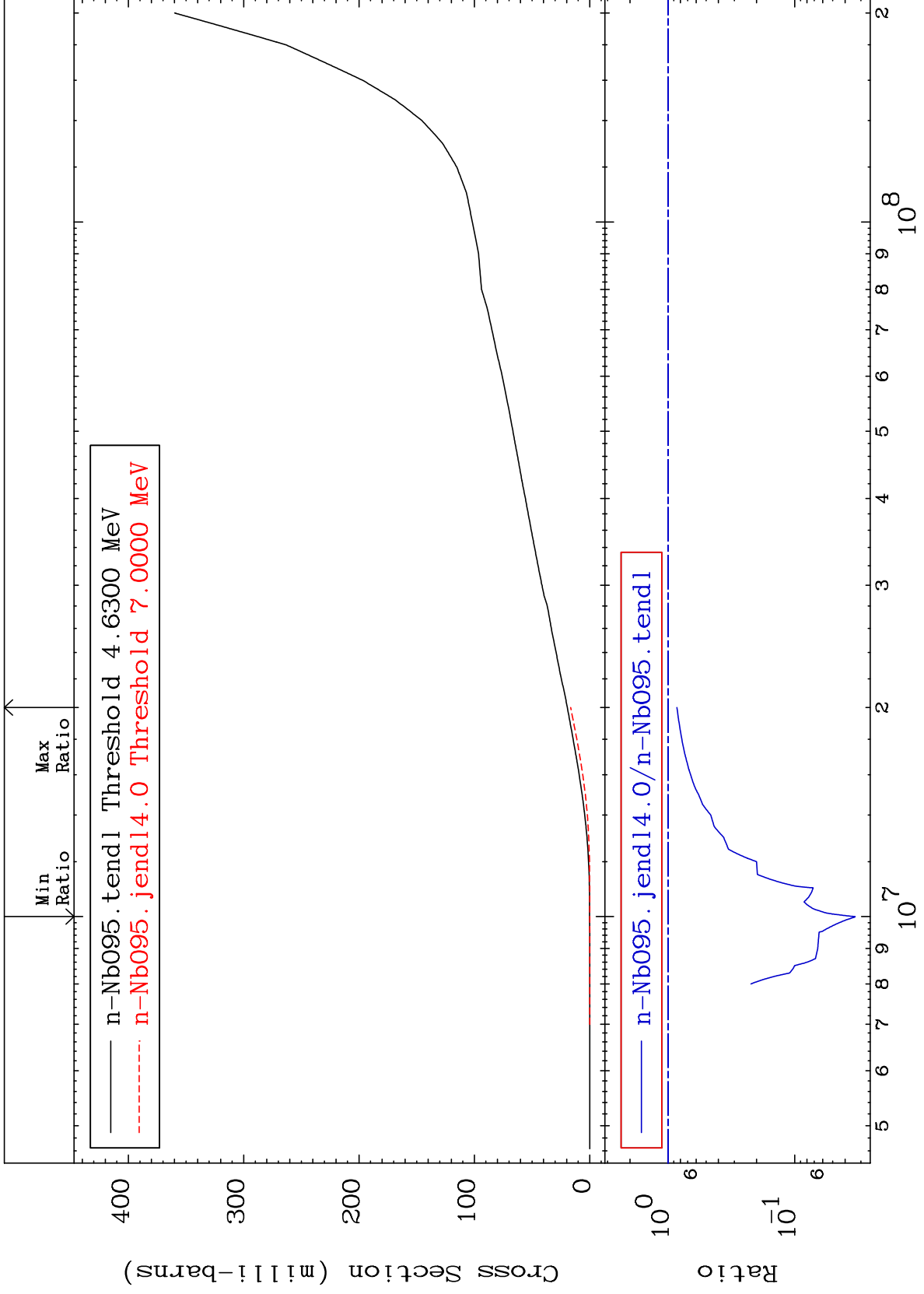


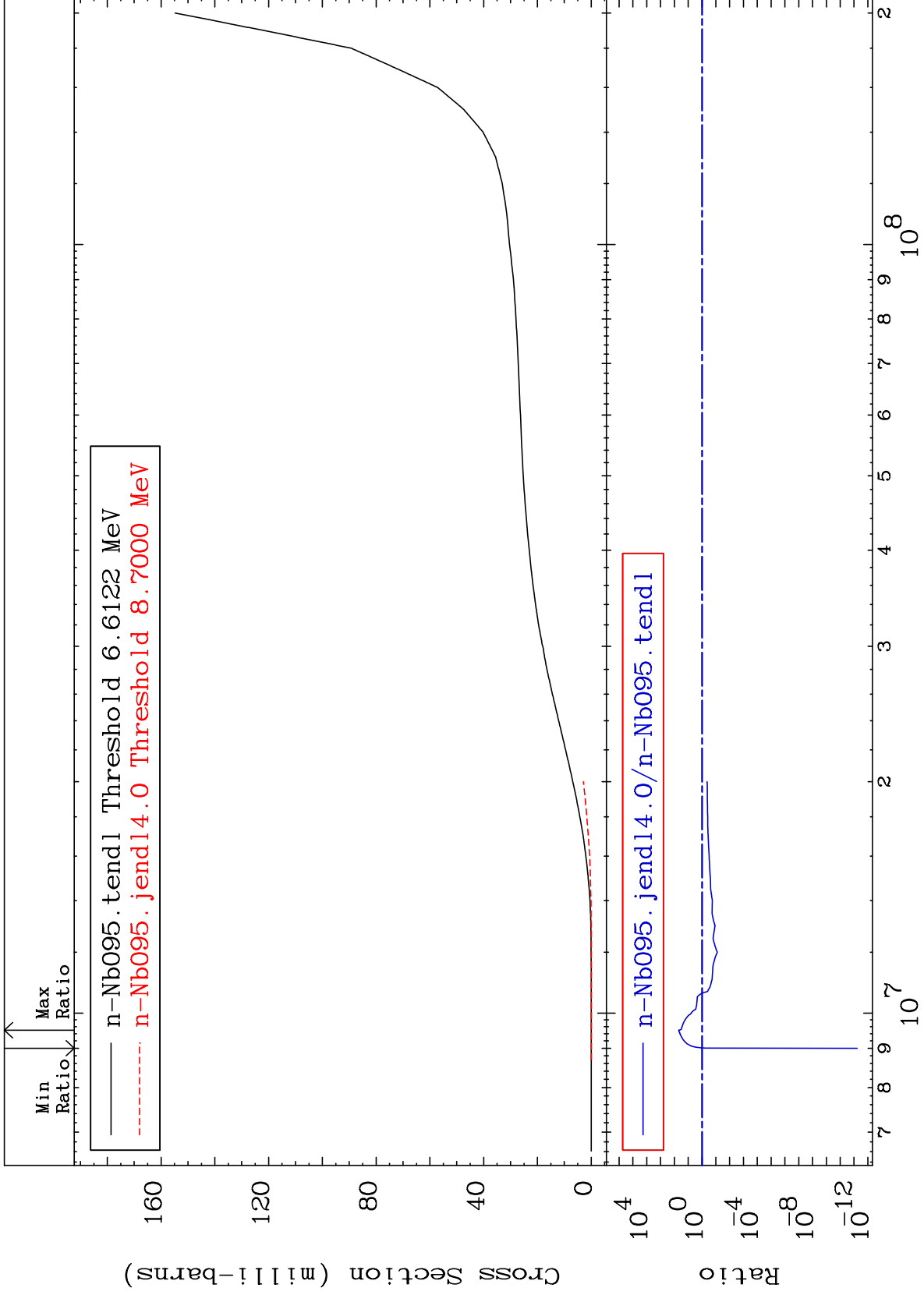
31

Incident Energy (eV)

41-Nb-95



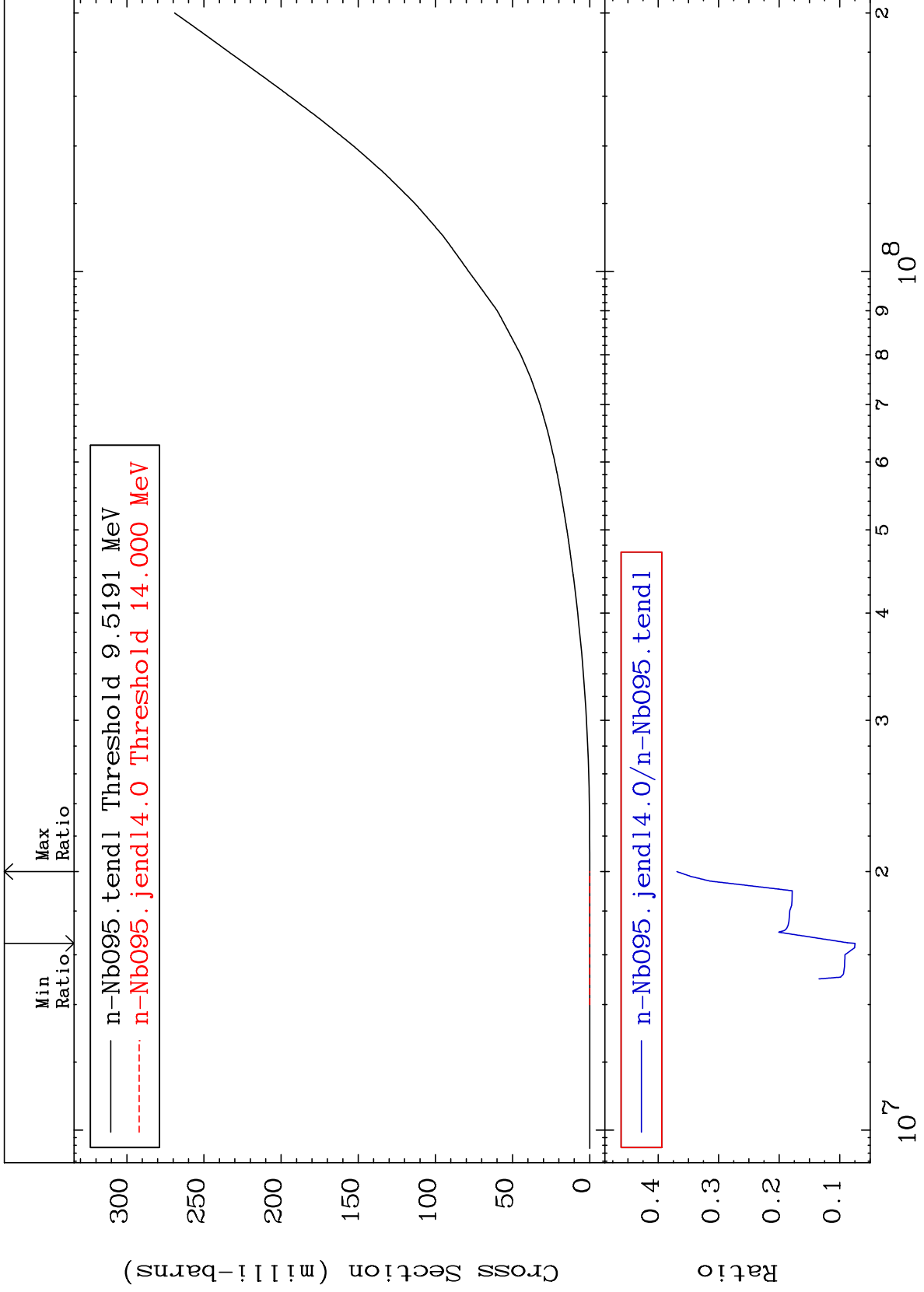




MAT 4131

He-3 Production
Cross Section

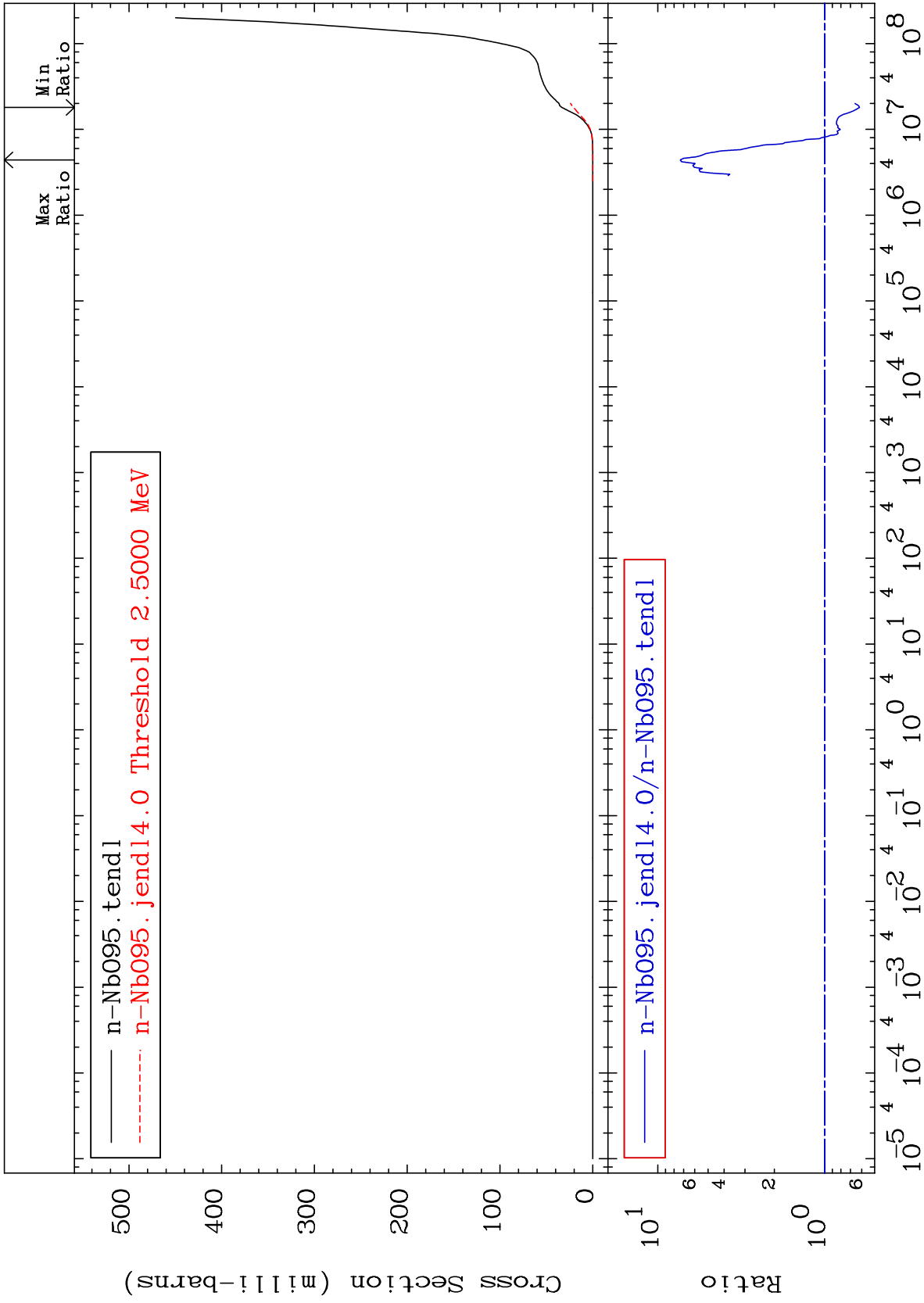
41-Nb-95
-92.53 To -63.10%

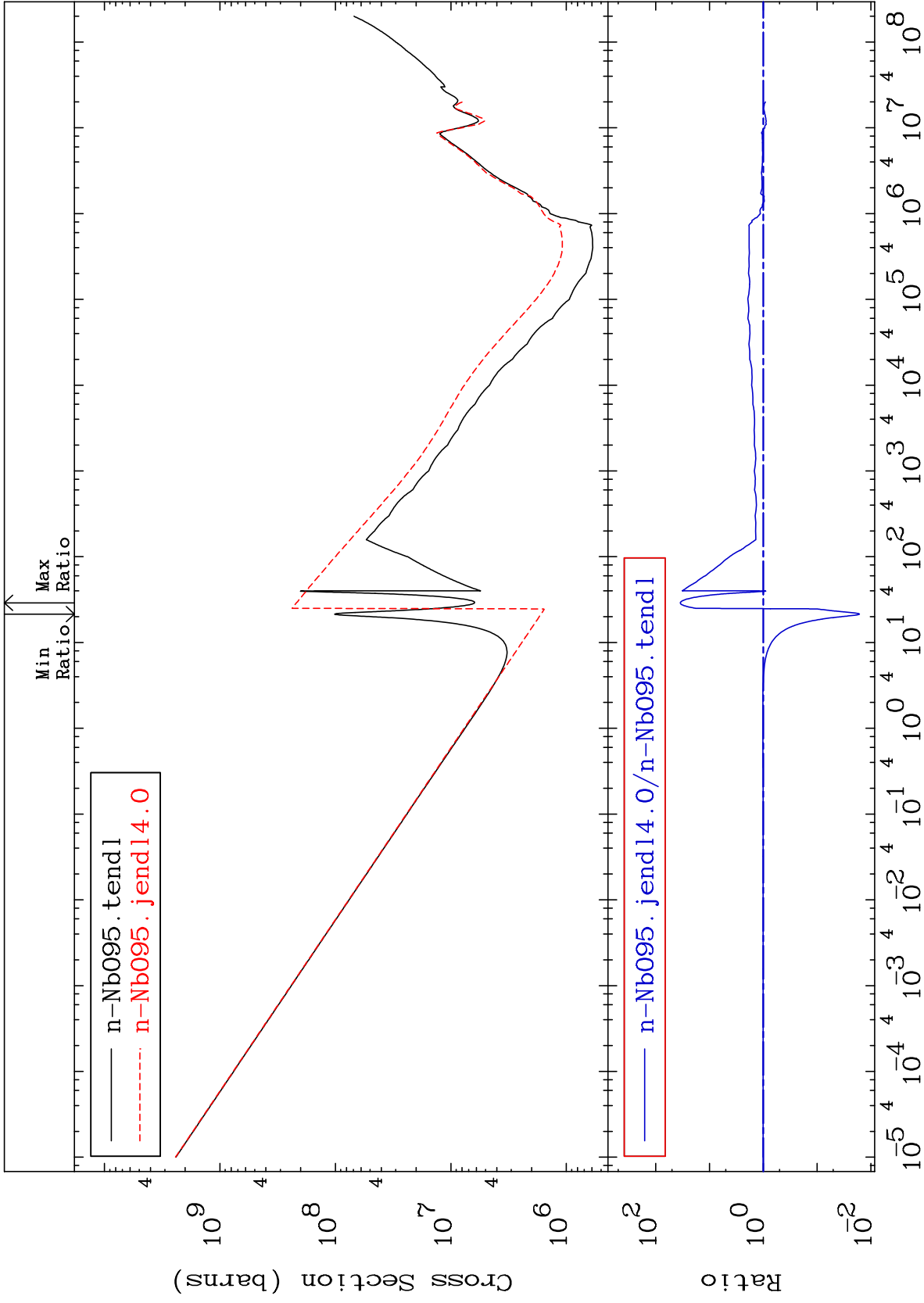


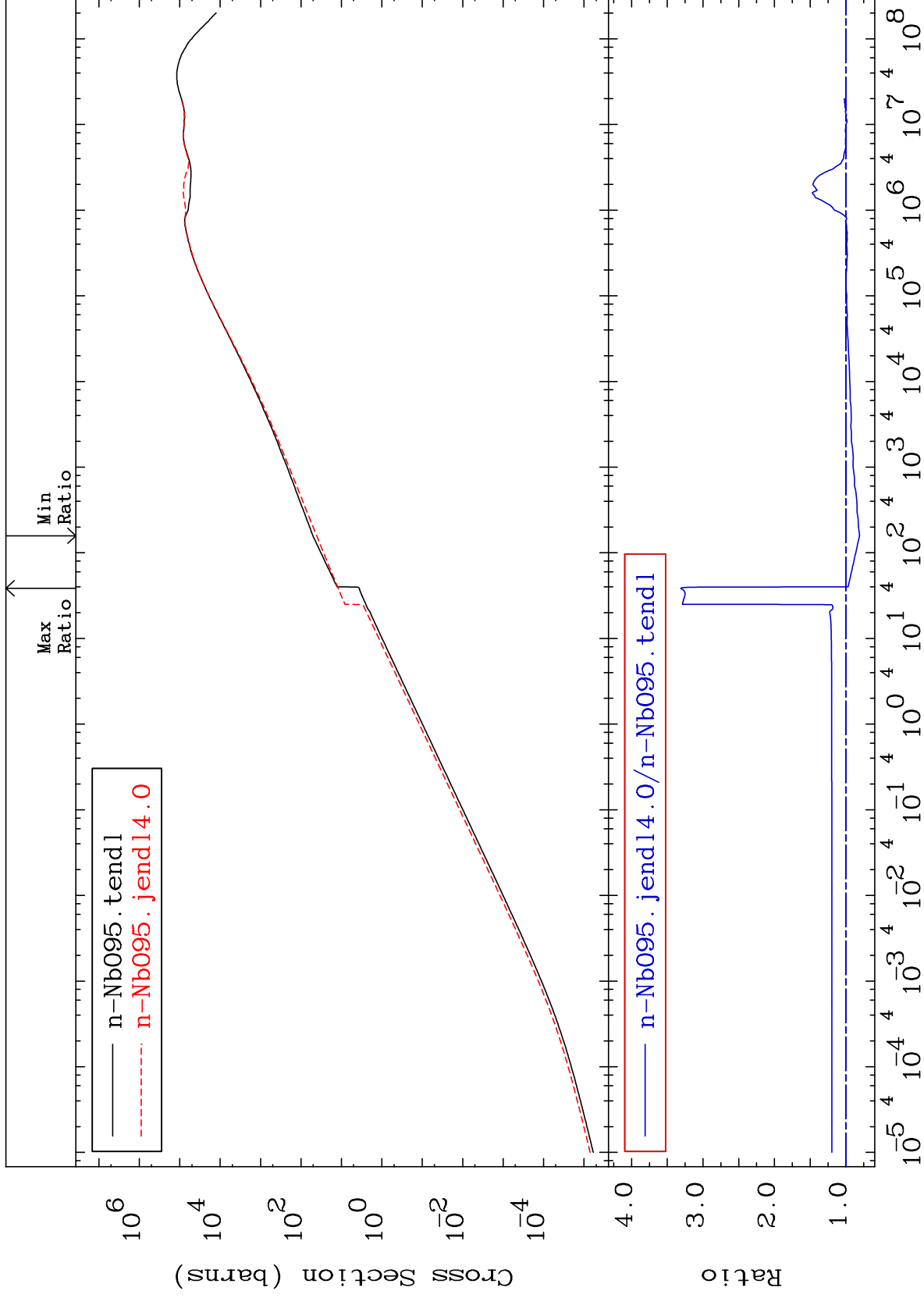
35

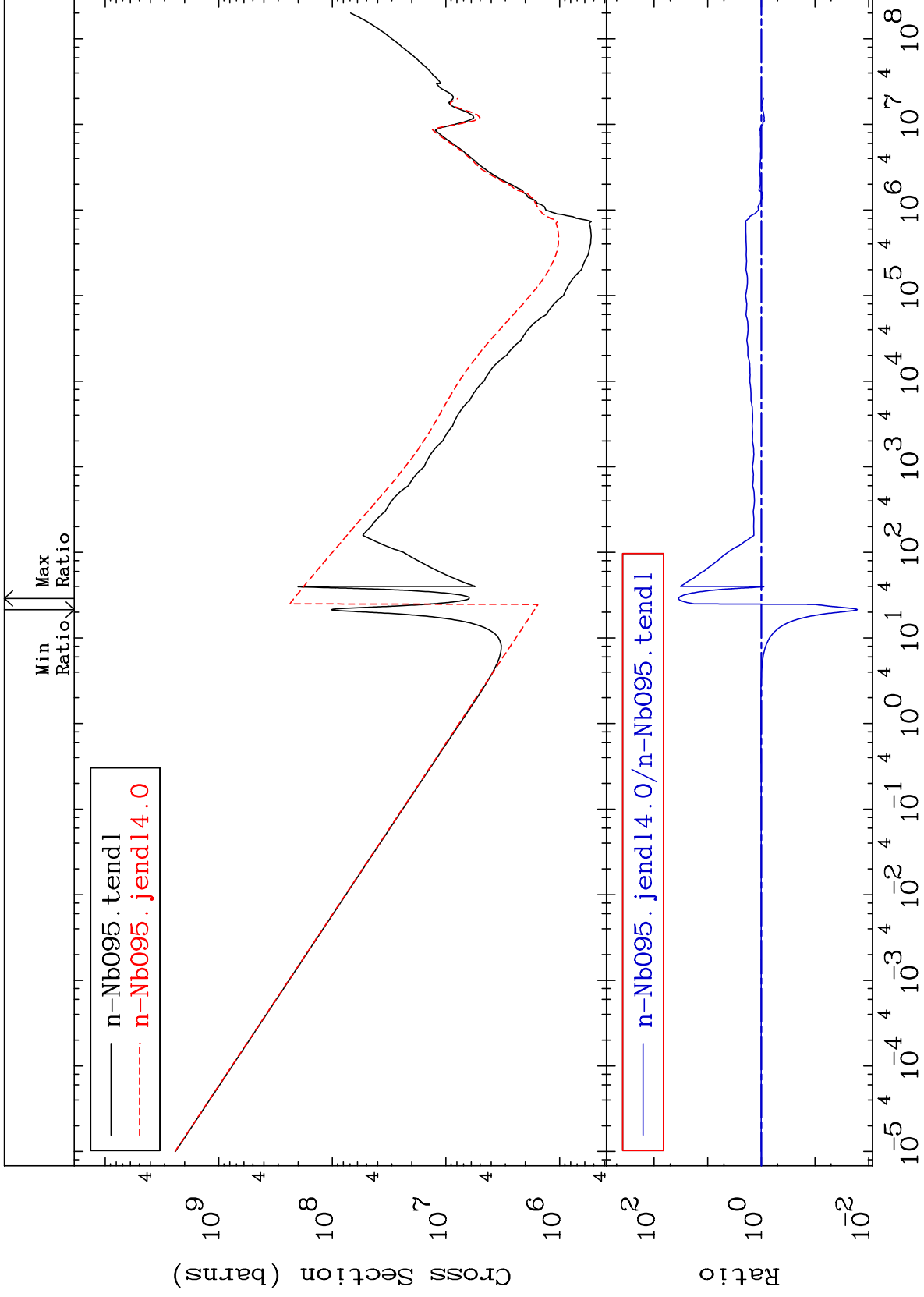
Incident Energy (eV)

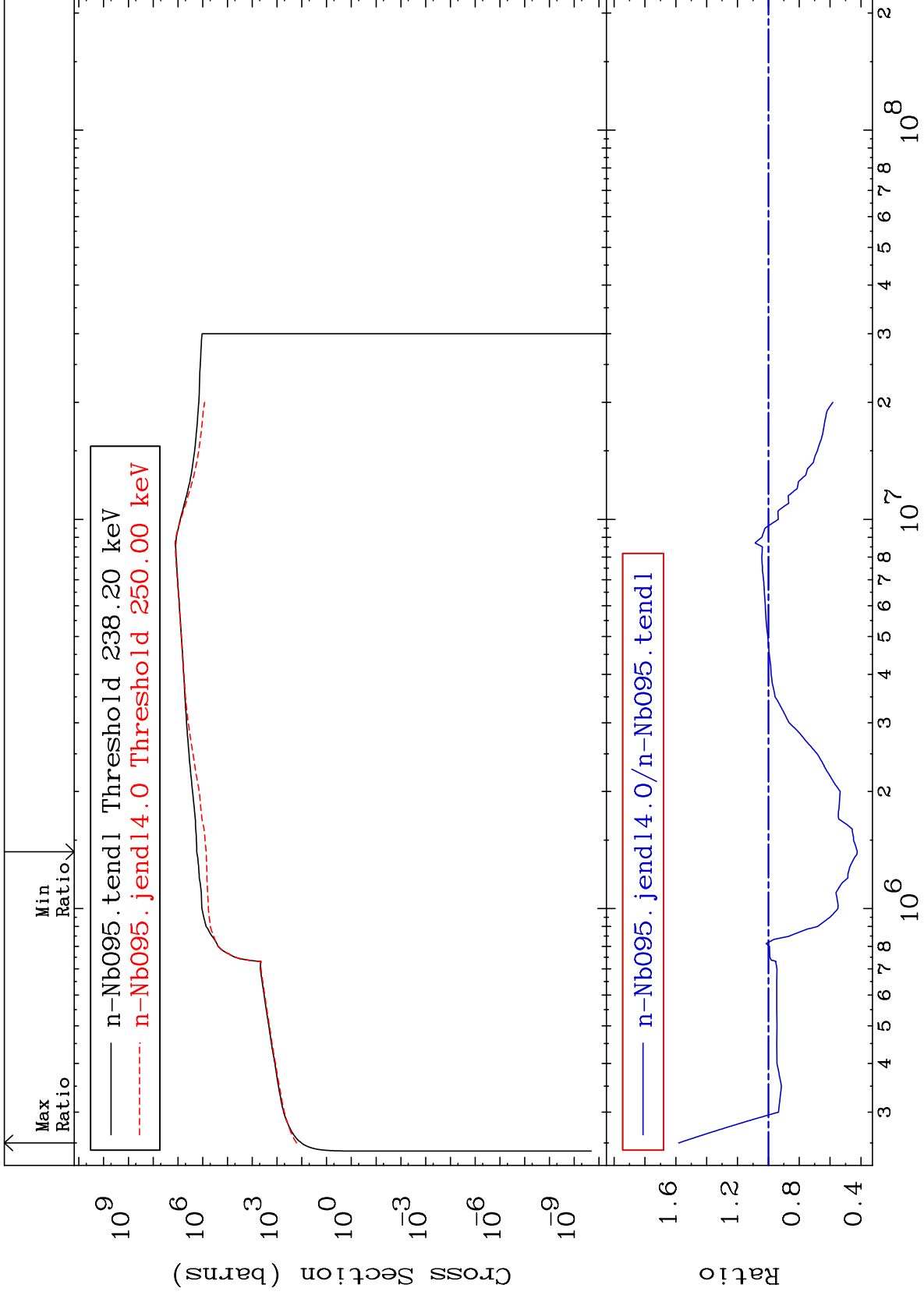
41-Nb-95







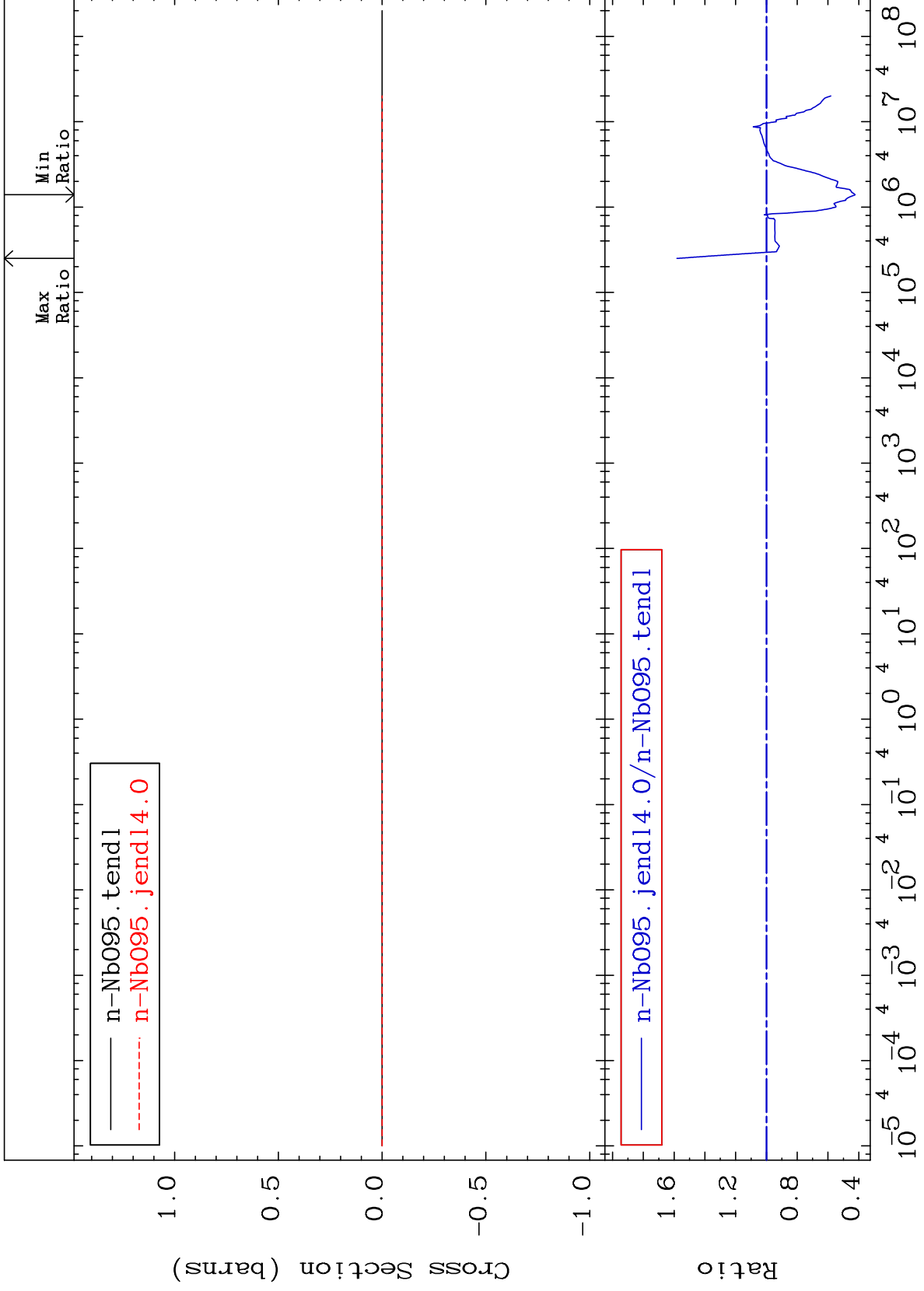




MAT 4131

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

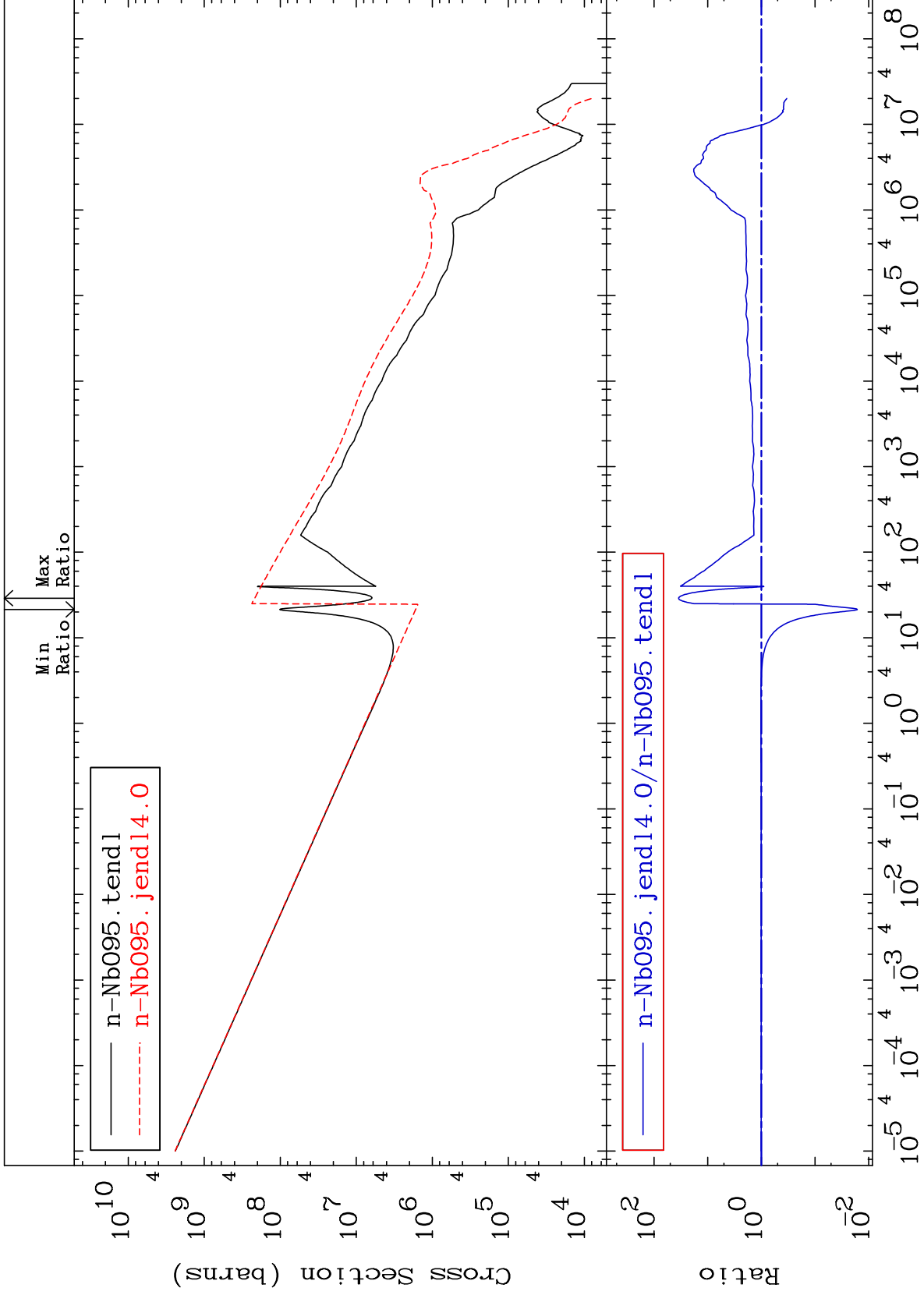
41-Nb-95
-57.60 To 58.18 %

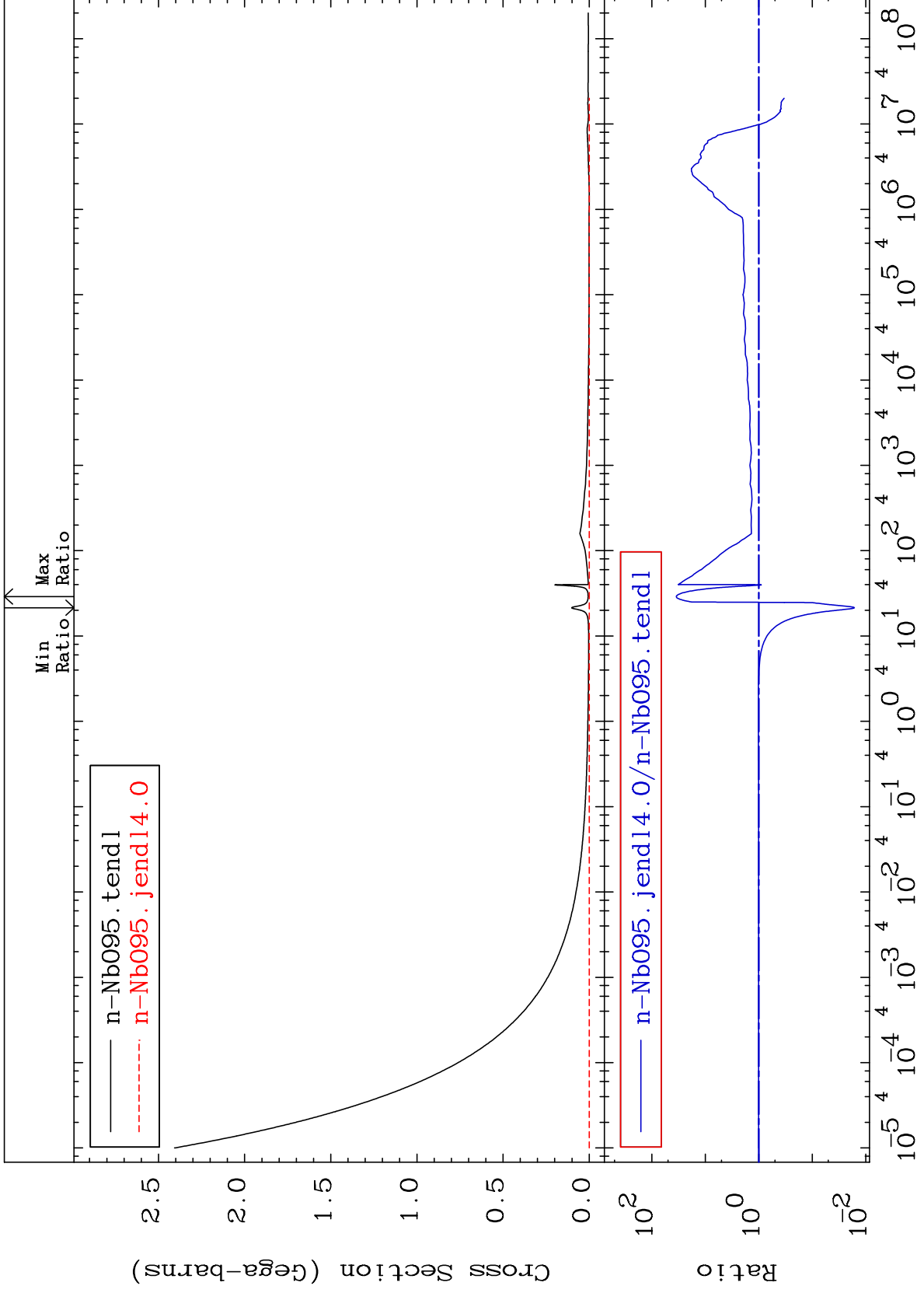


41

Incident Energy (eV)

41-Nb-95

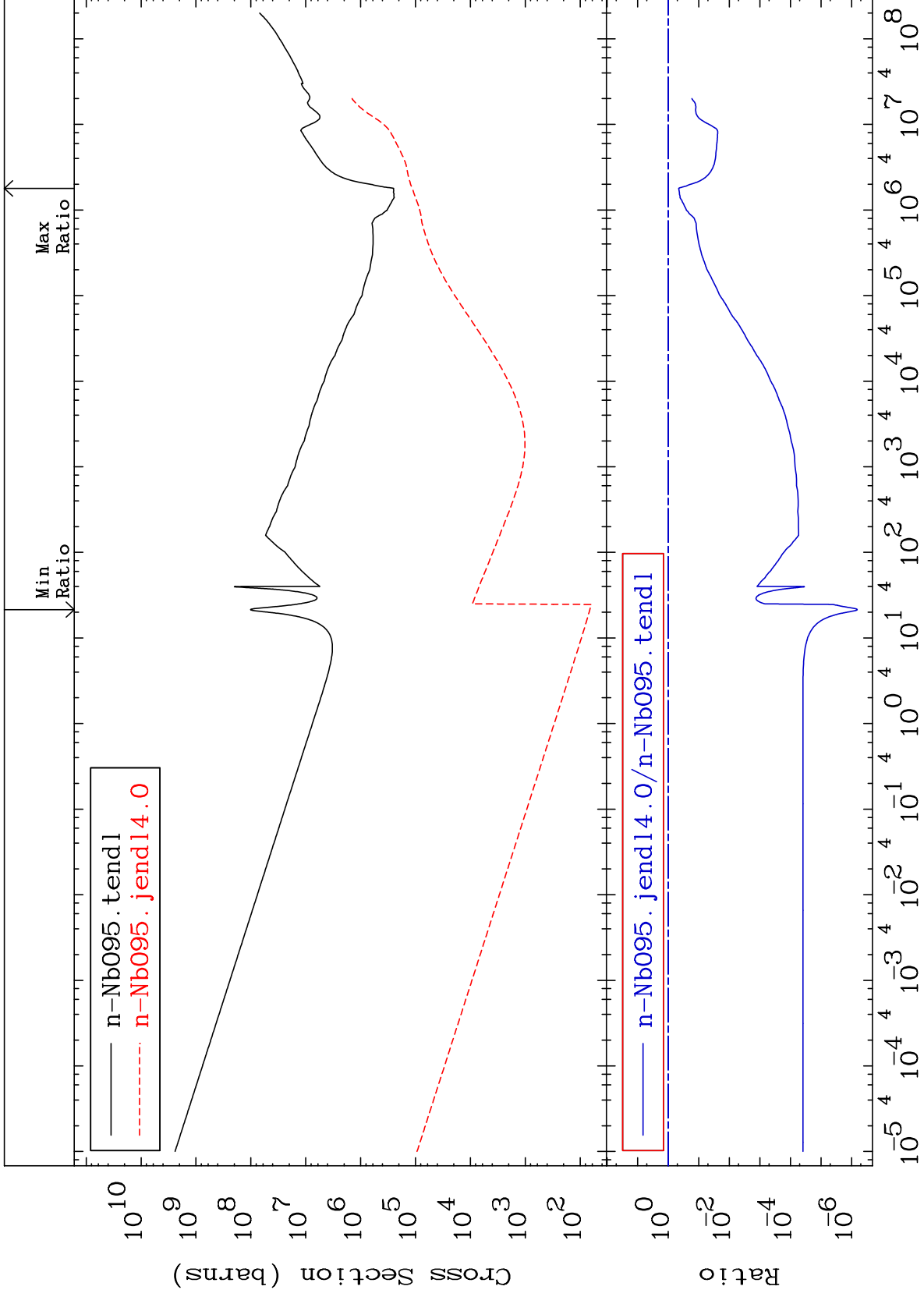


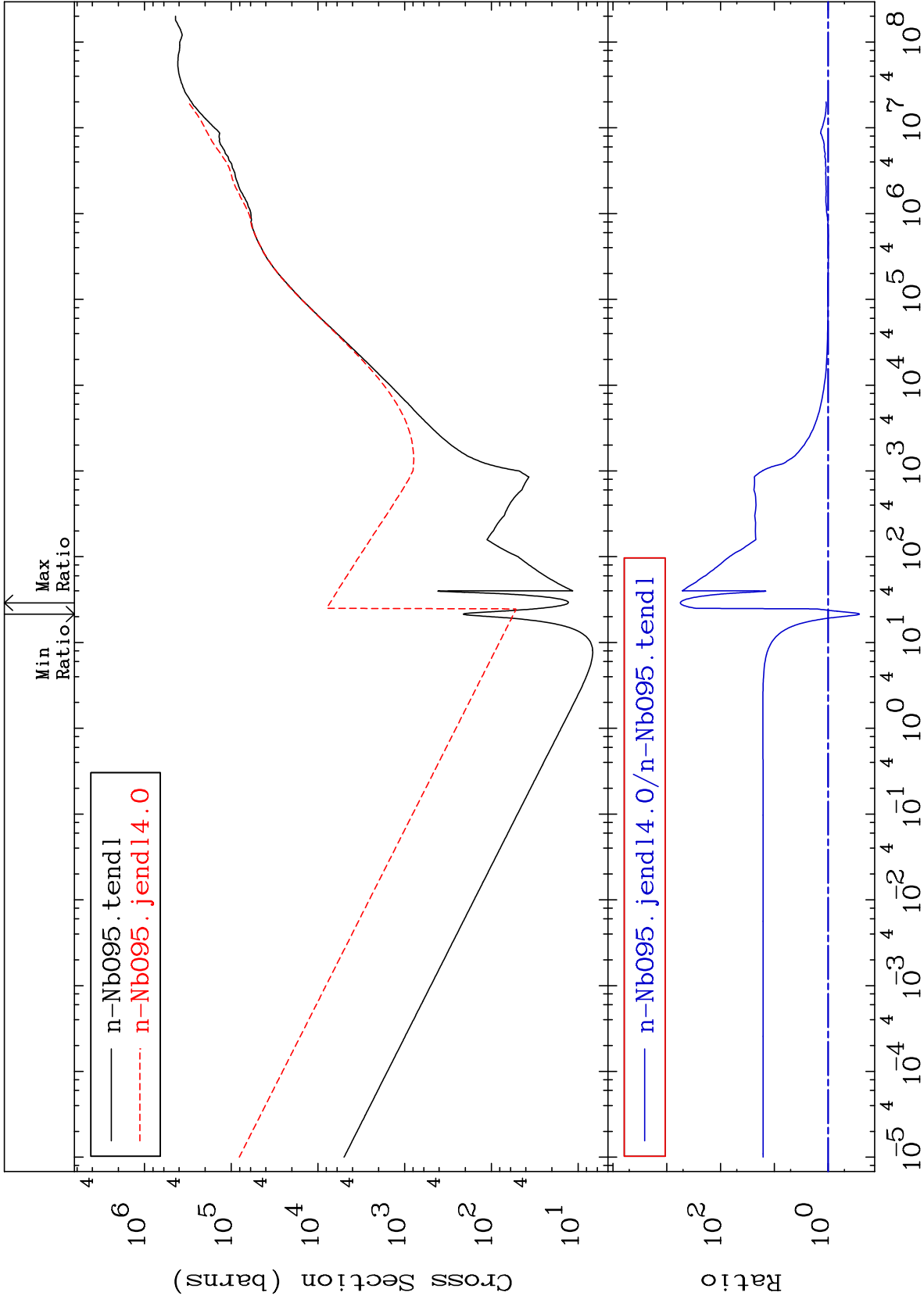


MAT 4131

Total kinematic kerma (high limit)
Cross Section

41-Nb-95
-100.0 To -54.36%

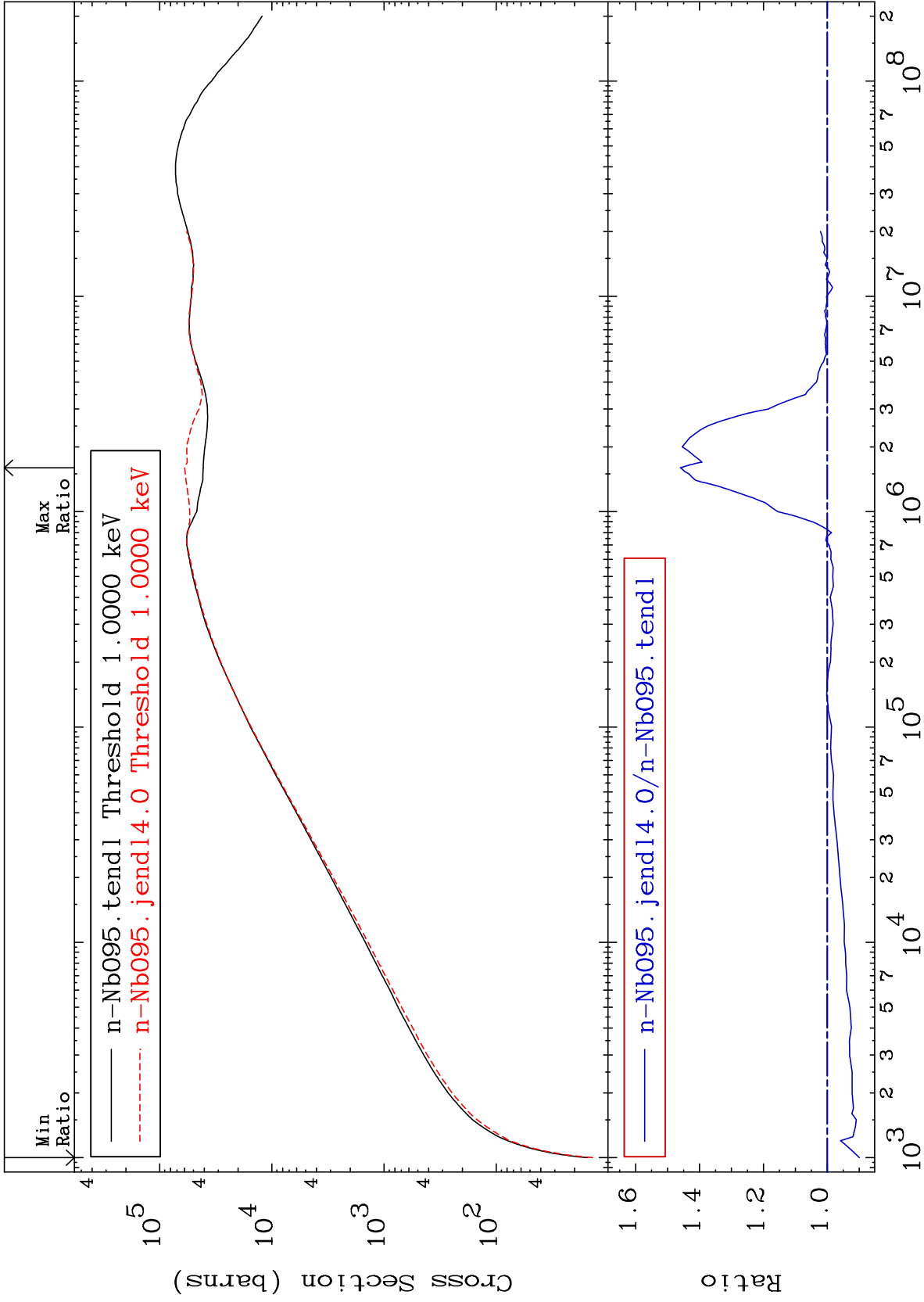




MAT 4131

Dpa elastic (mt2)
Cross Section

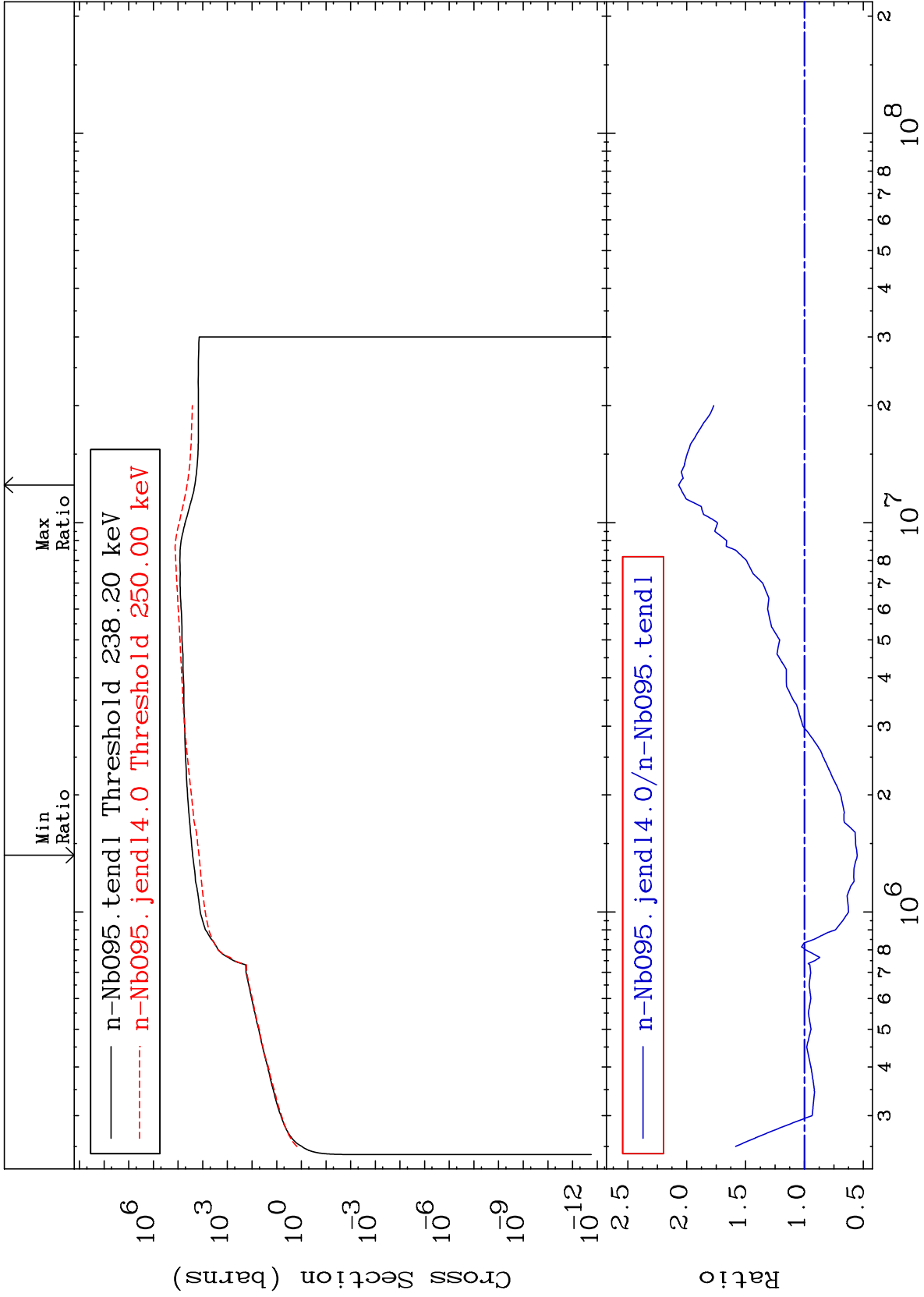
41-Nb-95
-10.06 To 46.00 %



46

Incident Energy (eV)

41-Nb-95



MAT 4131

Dpa disappearance (mt102 -120)
Cross Section

41-Nb-95
-73.82 To 9999. %

