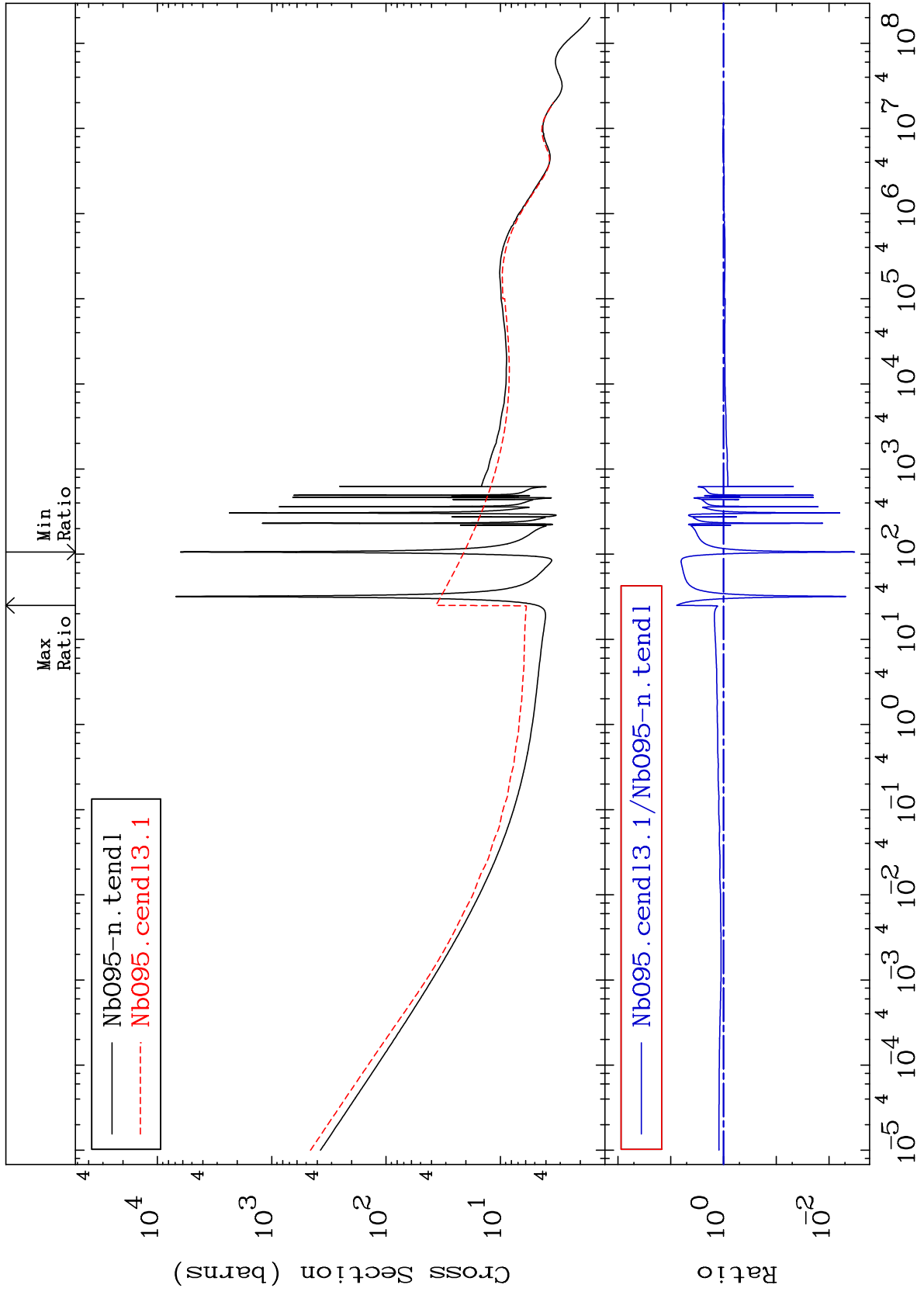


MAT 4131

Total  
Cross Section

41-Nb-95  
-99.67 To 670.3 %

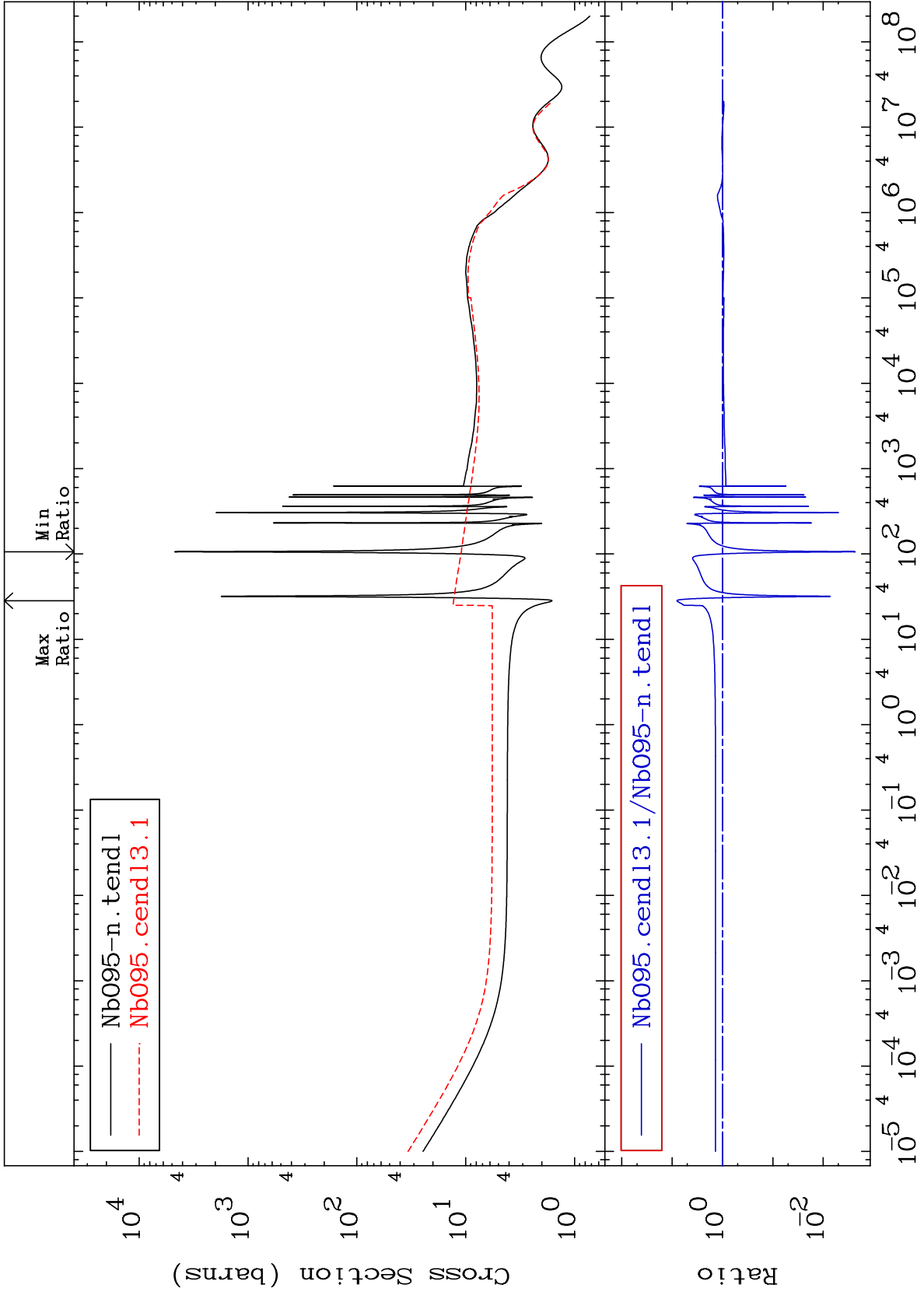


41-Nb-95

Incident Energy (eV)

MAT 4131

Elastic Cross Section  
41-Nb-95  
-99.77 To 703.5 %



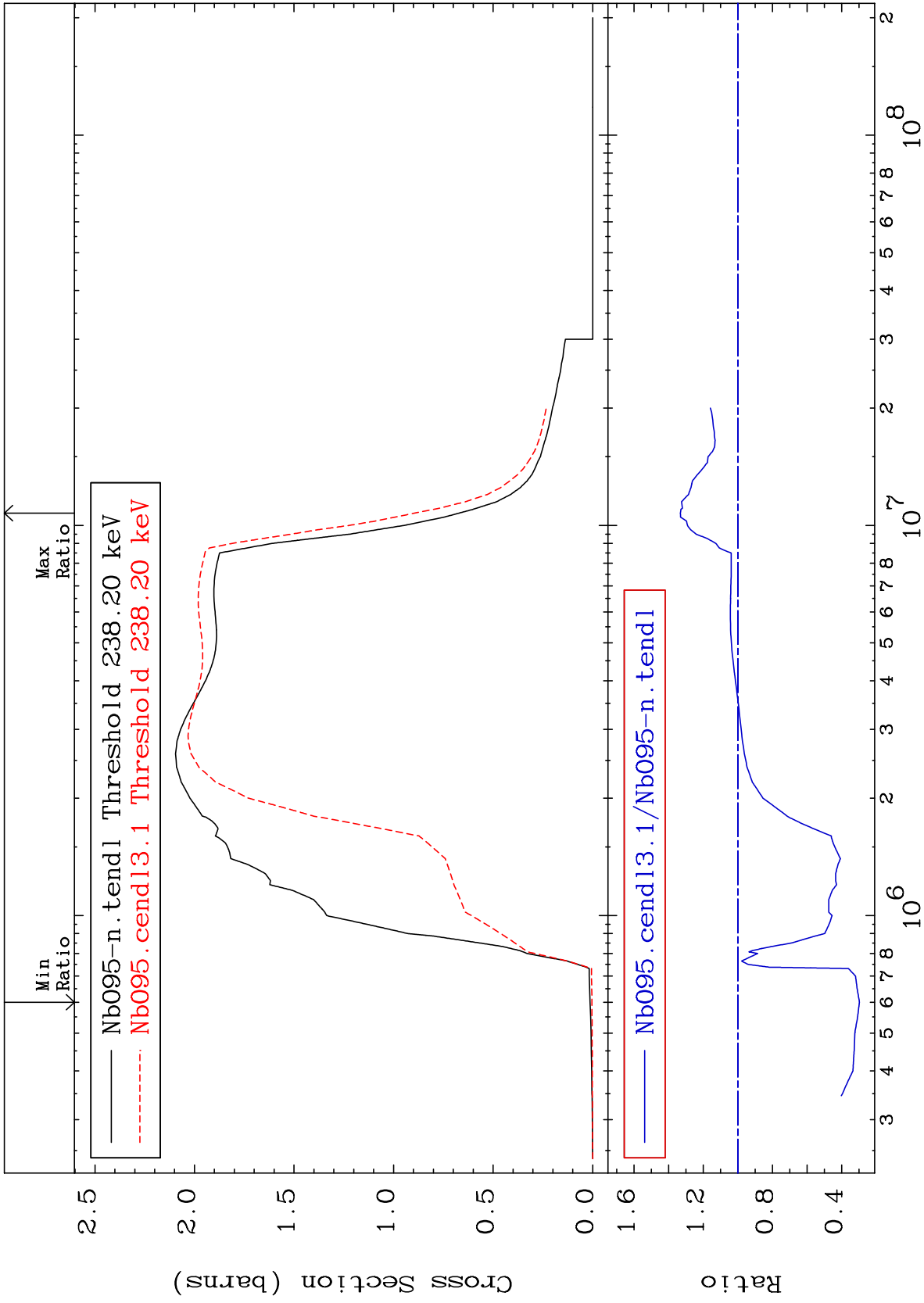
41-Nb-95

Incident Energy (eV)

2

MAT 4131

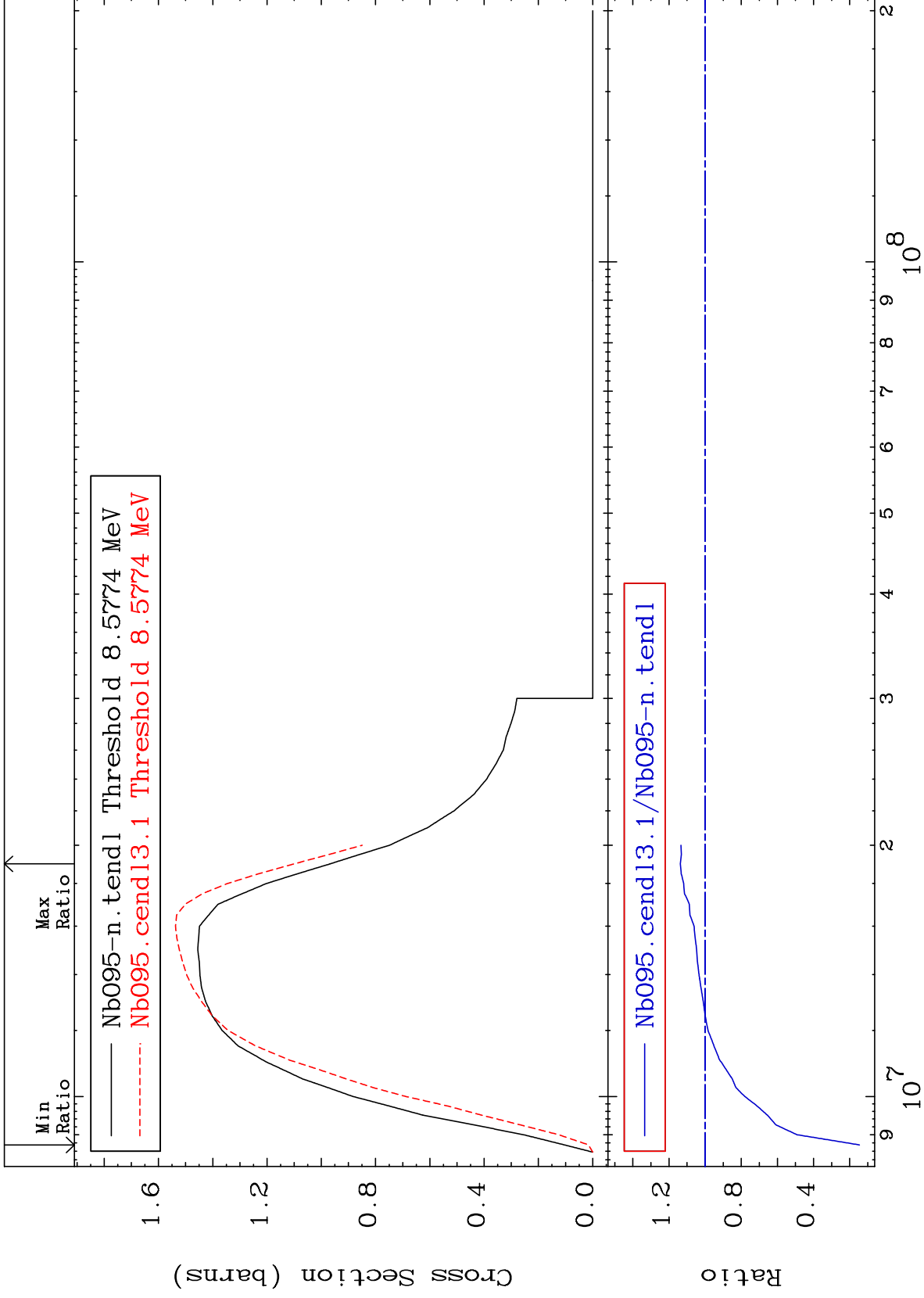
Inelastic Cross Section  
41-Nb-95  
-70.26 To 33.22 %



MAT 4131

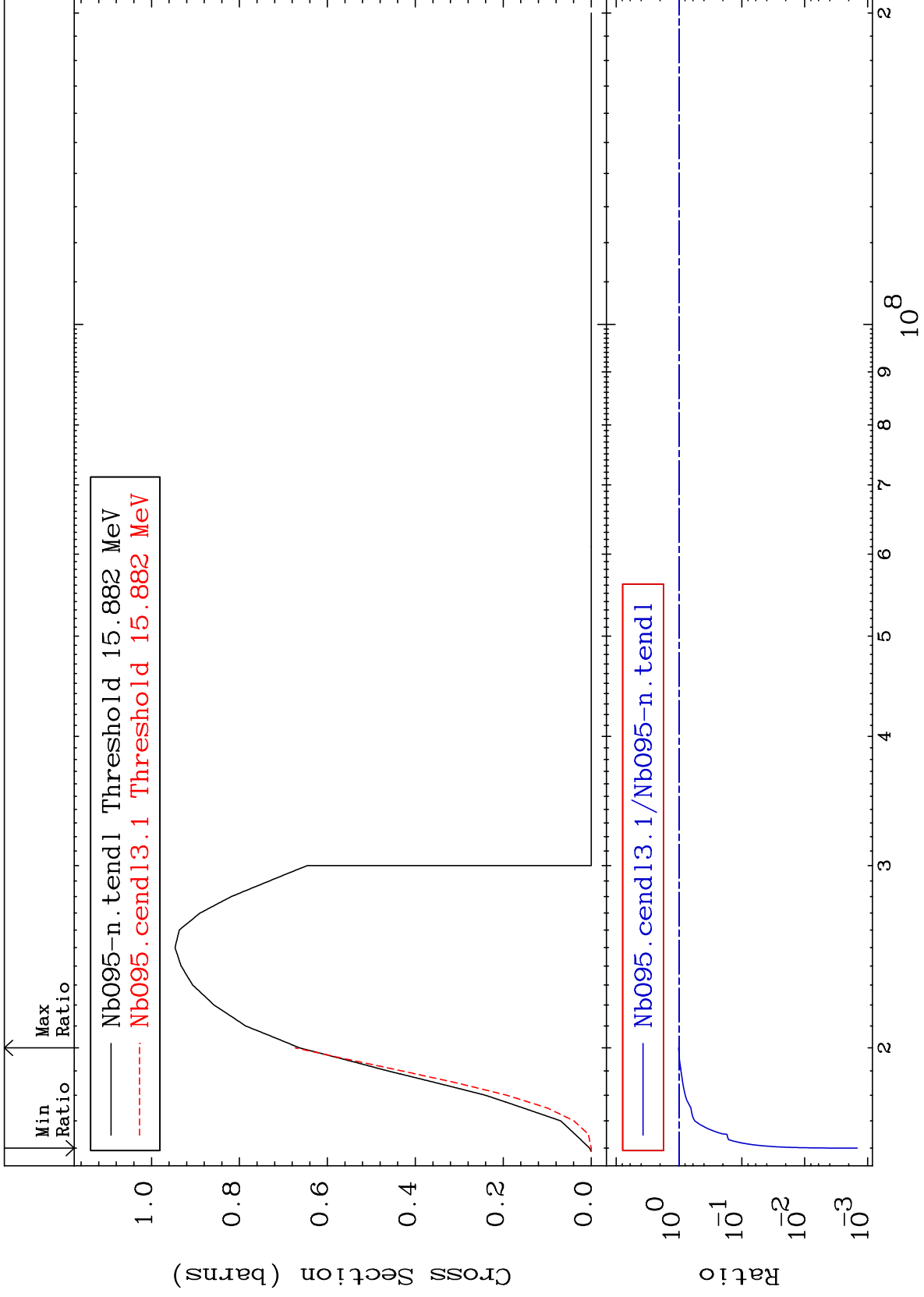
(n,2n)  
Cross Section

41-Nb-95  
-85.40 To 13.69 %



41-Nb-95

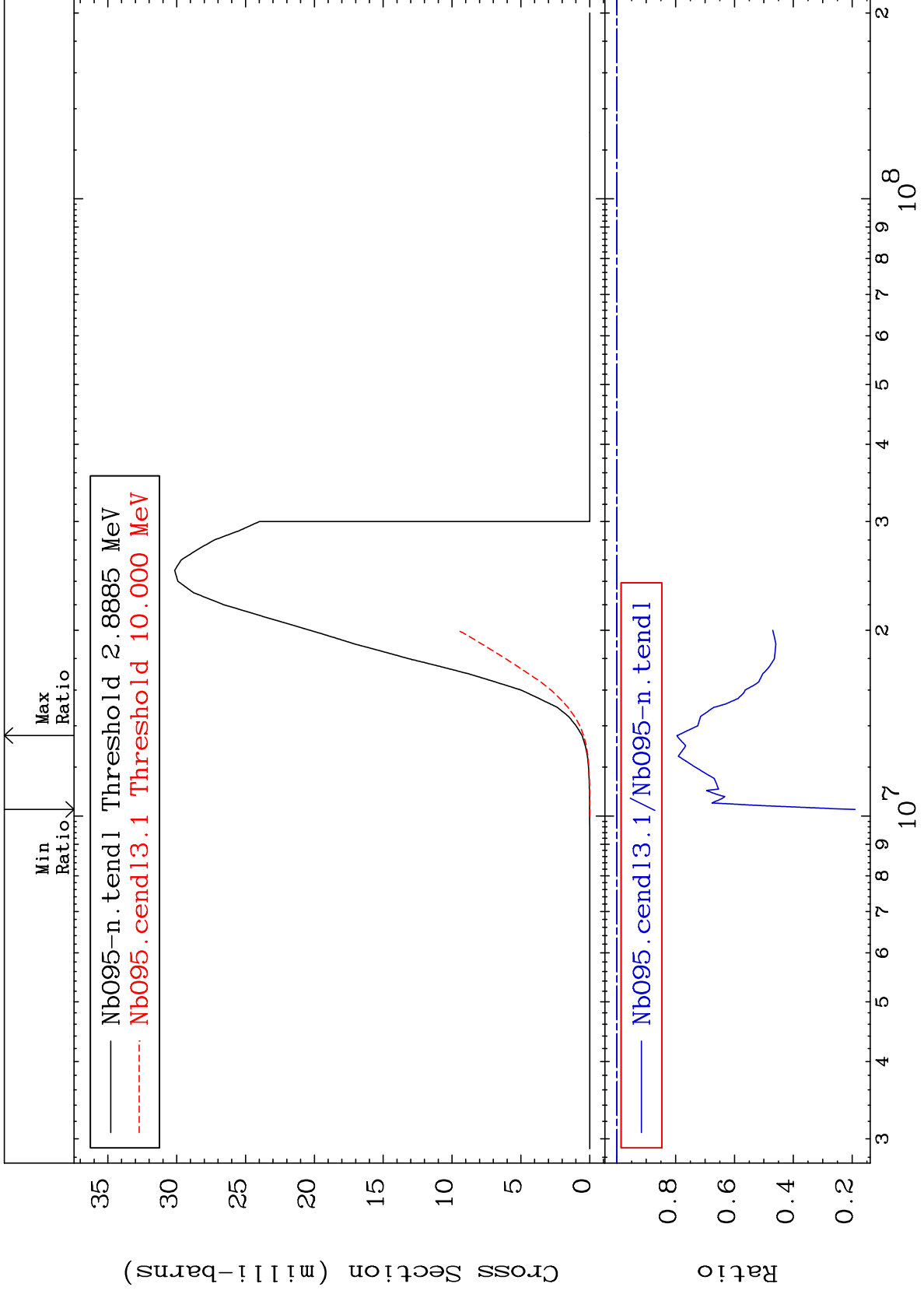
4



MAT 4131

(n, n')  $\alpha$   
Cross Section

41-Nb-95  
-81.01 To -20.42%



6

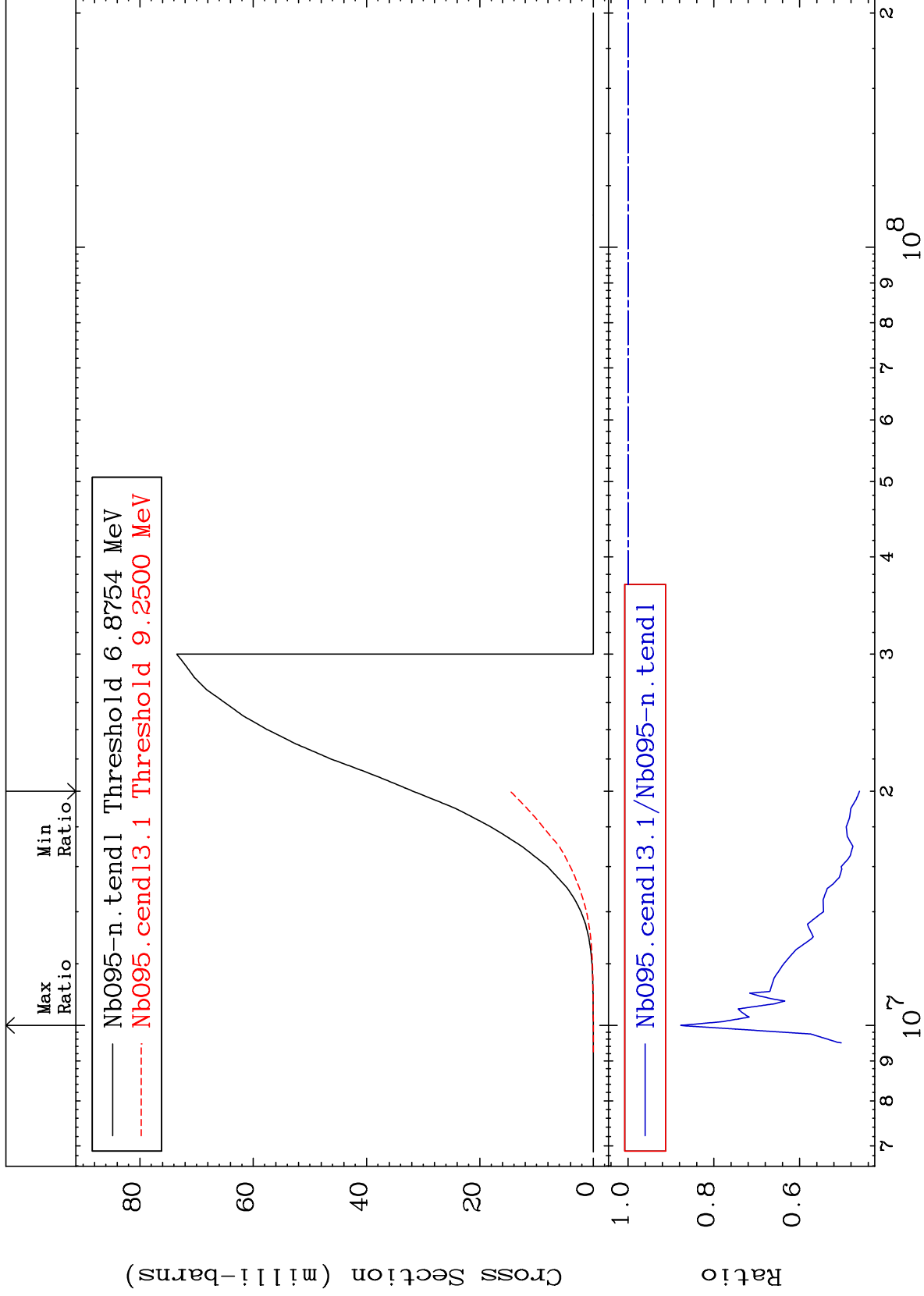
Incident Energy (eV)

41-Nb-95

MAT 4131

(n,n') p  
Cross Section

41-Nb-95  
-53.97 To -12.28%



7

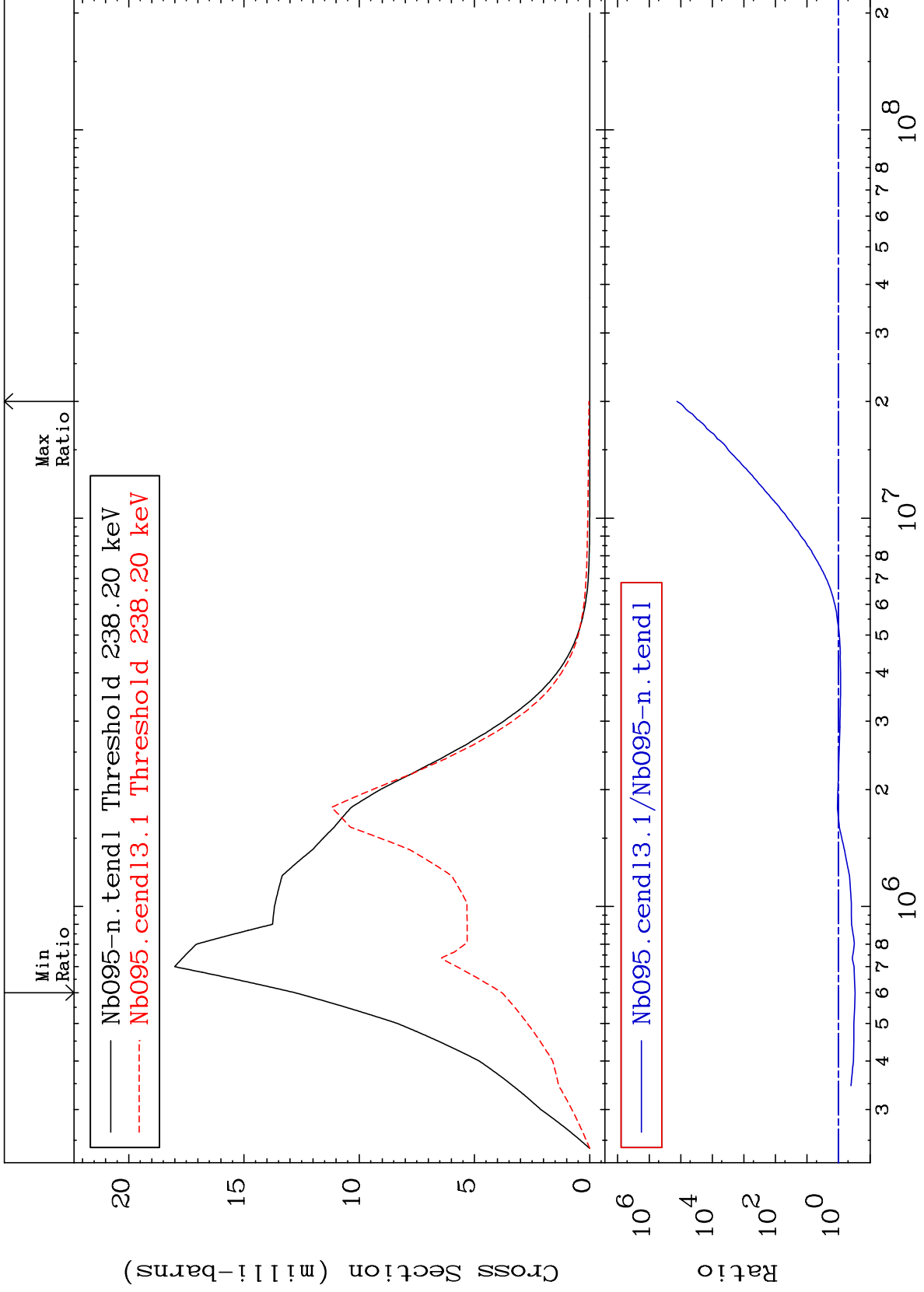
Incident Energy (eV)

41-Nb-95

MAT 4131

235.7 keV (n,n') Level  
Cross Section

41-Nb-95  
-70.26 To 9999. %

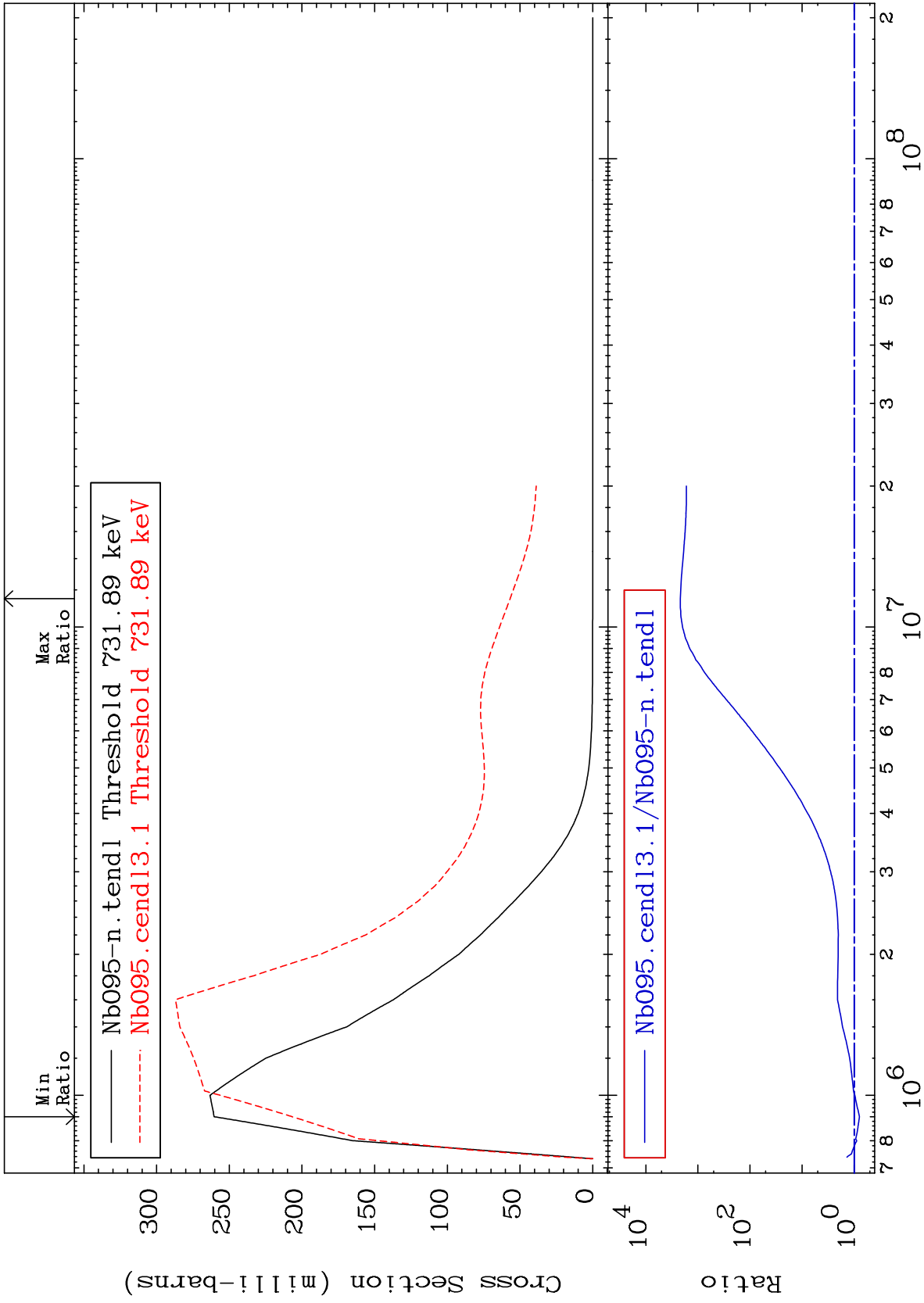




MAT 4131

724.2 keV (n,n') Level  
Cross Section

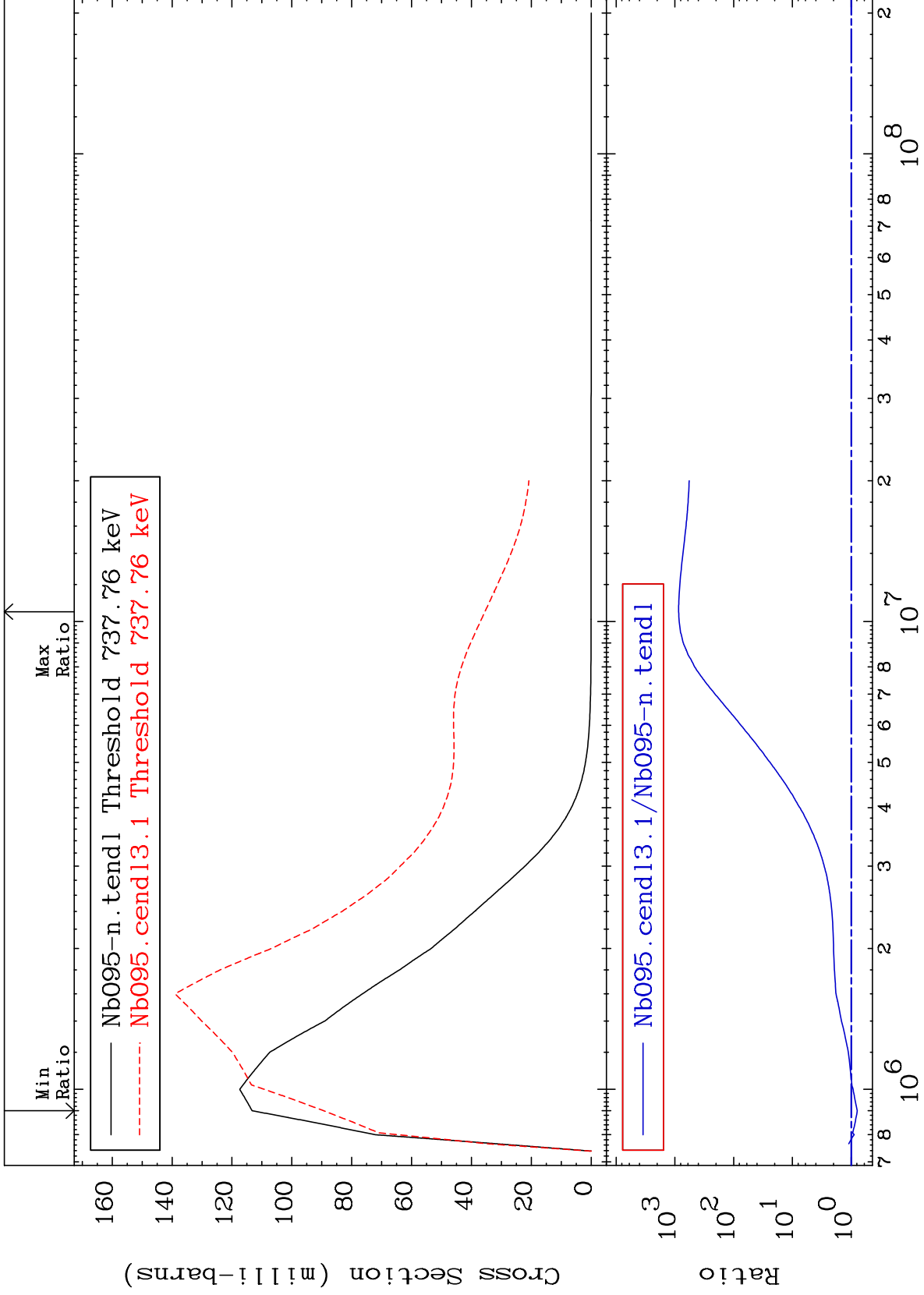
41-Nb-95  
-20.63 To 9999. %



MAT 4131

730.0 keV (n,n') Level  
Cross Section

41-Nb-95  
-21.10 To 9999. %



10

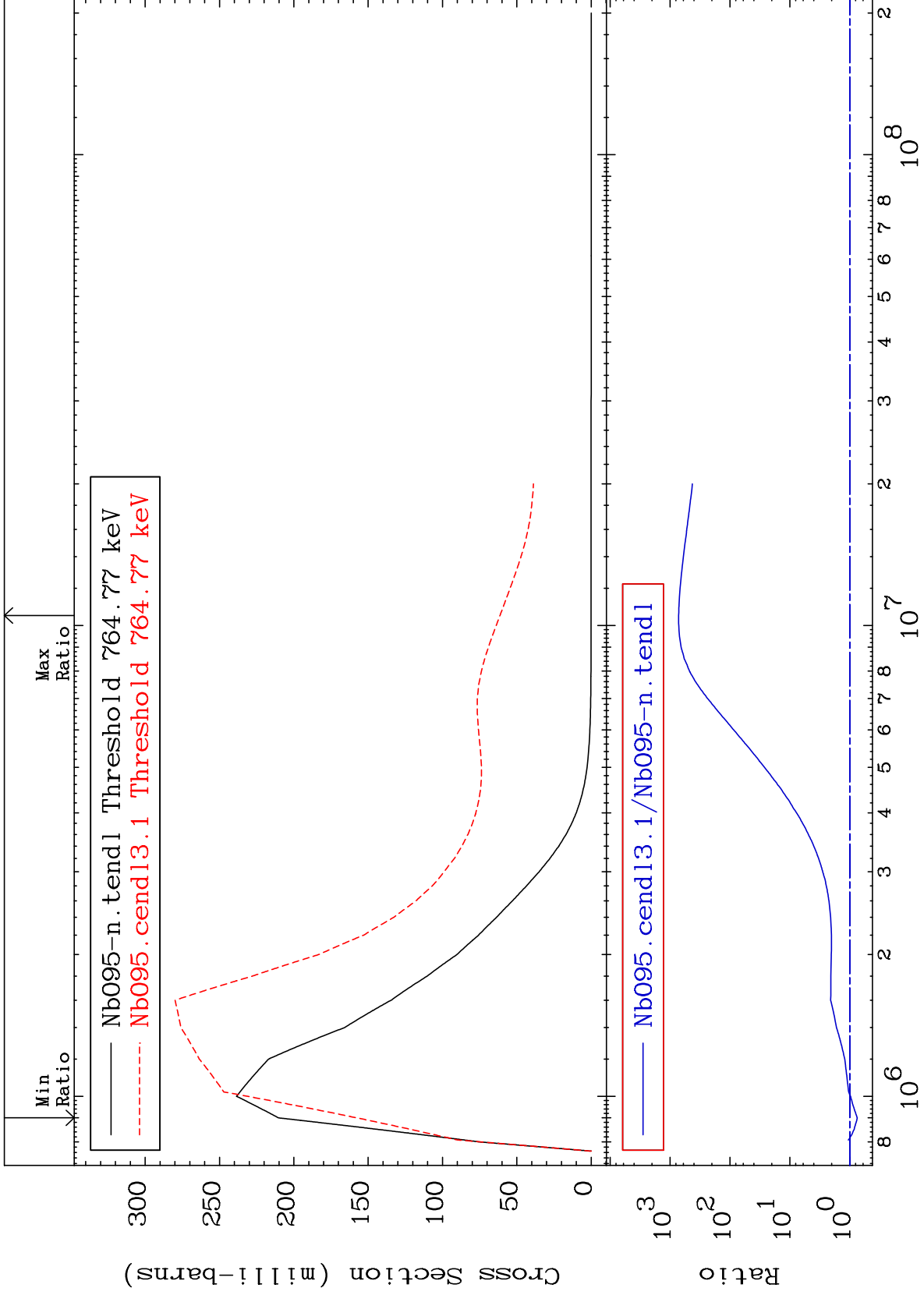
Incident Energy (eV)

41-Nb-95

MAT 4131

756.7 keV (n,n') Level  
Cross Section

41-Nb-95  
-25.04 To 9999. %



11

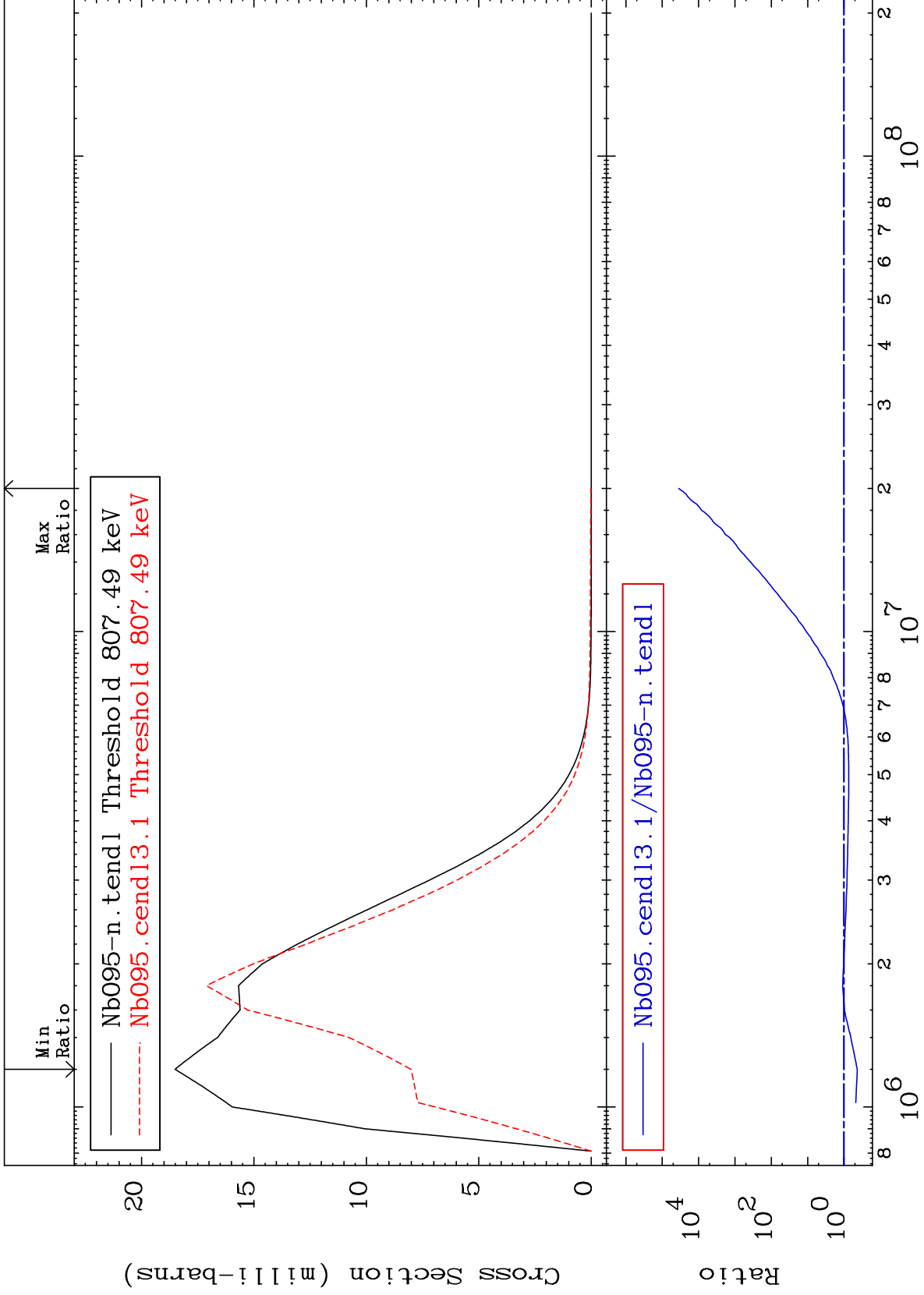
Incident Energy (eV)

41-Nb-95

MAT 4131

799.0 keV (n,n') Level  
Cross Section

41-Nb-95  
-56.72 To 9999. %



12

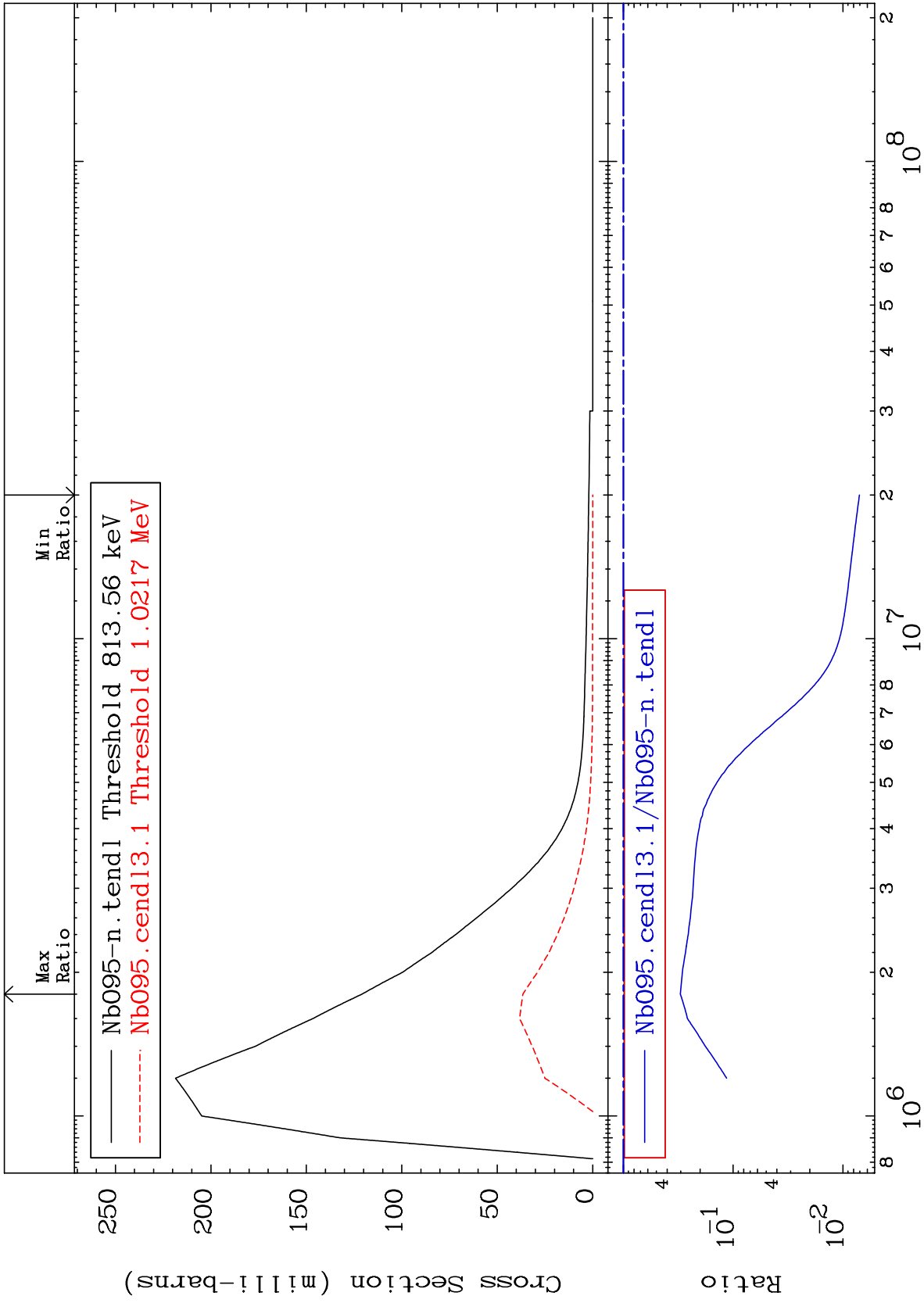
Incident Energy (eV)

41-Nb-95

MAT 4131

805.0 keV (n,n') Level  
Cross Section

41-Nb-95  
-99.29 To -69.73%



13

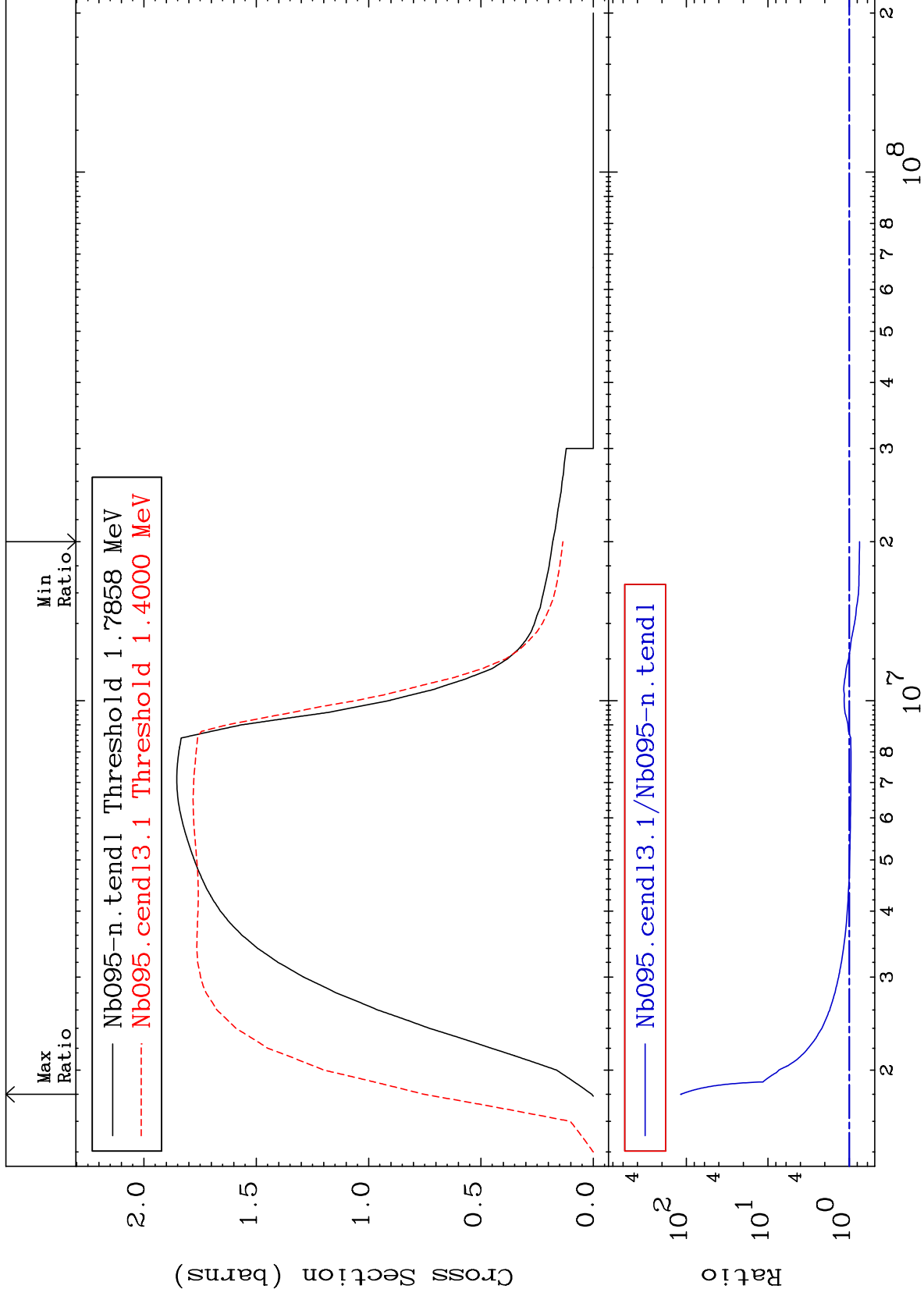
Incident Energy (eV)

41-Nb-95

MAT 4131

(n, n') Continuum  
Cross Section

41-Nb-95  
-24.94 To 9999. %



14

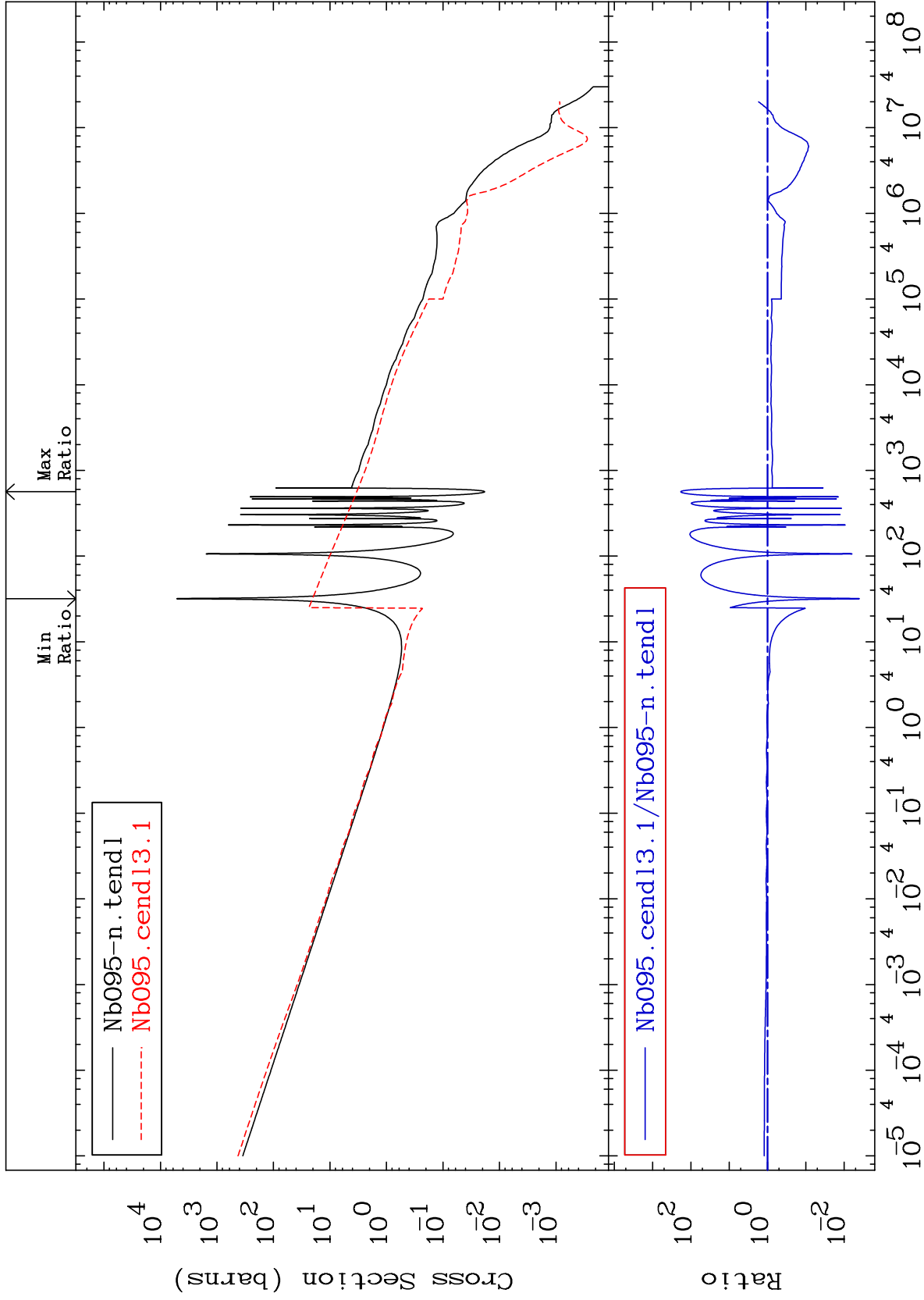
Incident Energy (eV)

41-Nb-95

MAT 4131

(n,  $\gamma$ )  
Cross Section

41-Nb-95  
-99.61 To 9999. %



15

Incident Energy (eV)

41-Nb-95

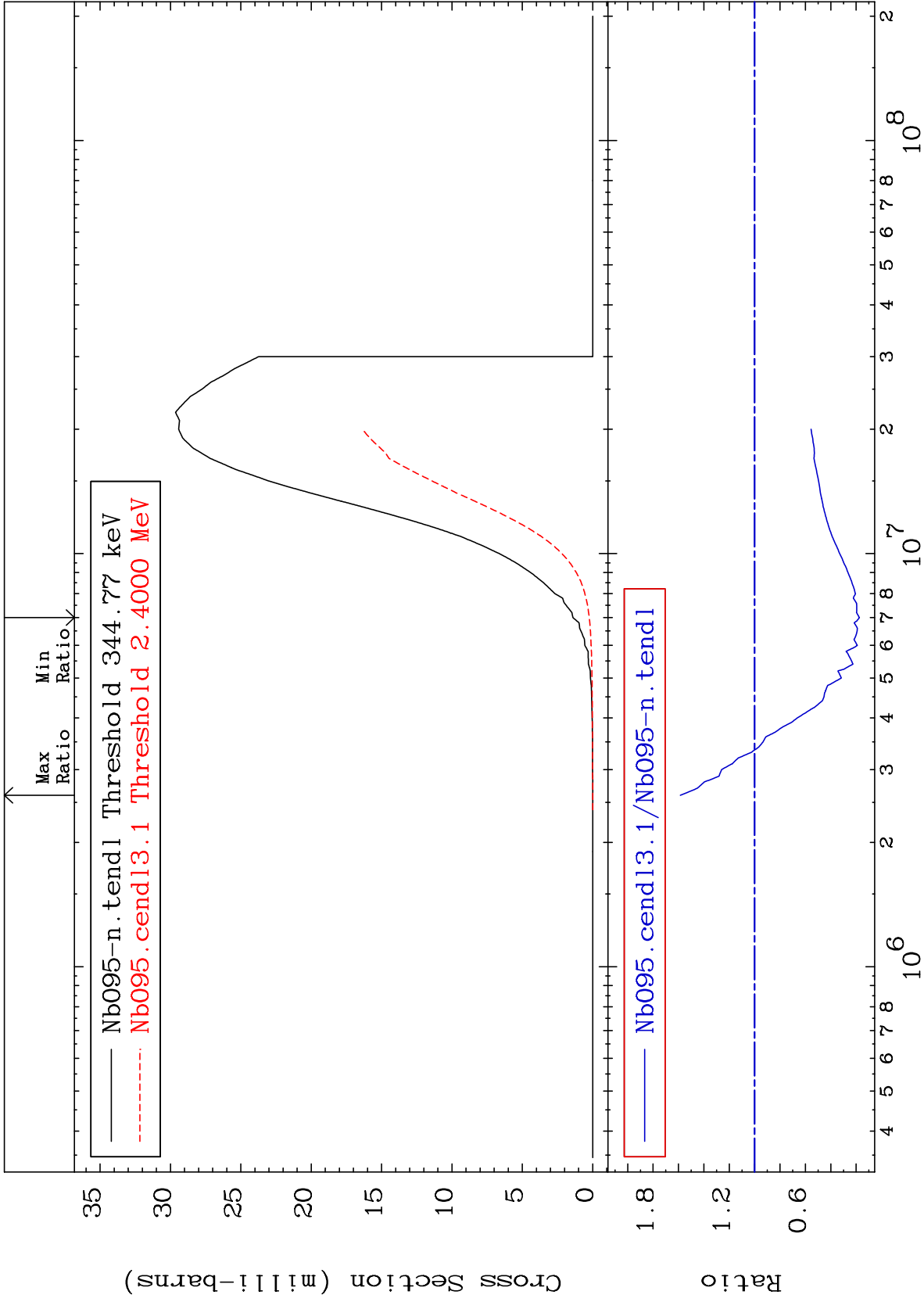
MAT 4131

(n, p)

41-Nb-95

Cross Section

-82.56 To 58.52 %





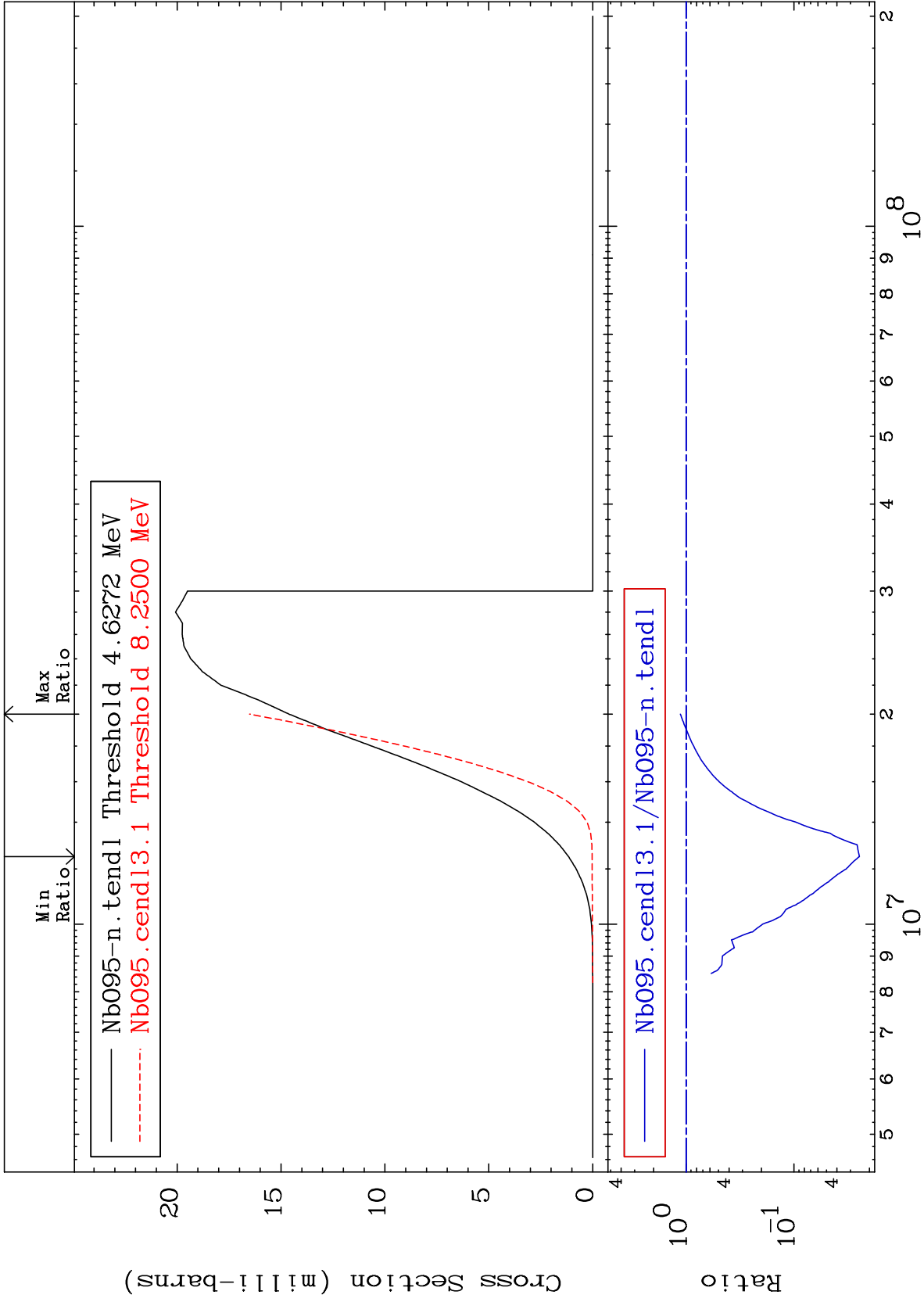
MAT 4131

(n, d)

41-Nb-95

Cross Section

-97.52 To 12.97 %



17

Incident Energy (eV)

41-Nb-95

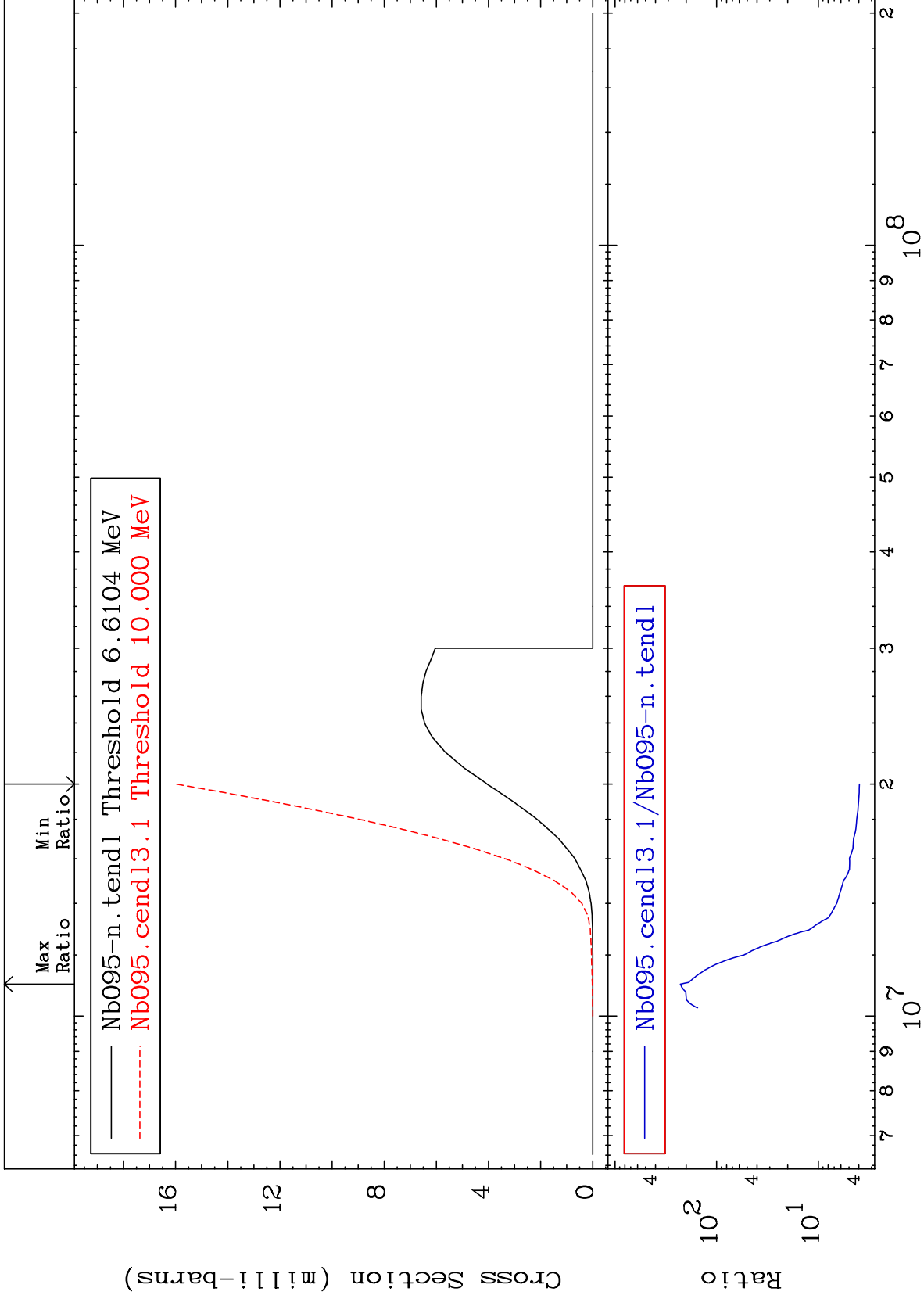
MAT 4131

(n, t)

41-Nb-95

Cross Section

294.8 To 9999. %



18

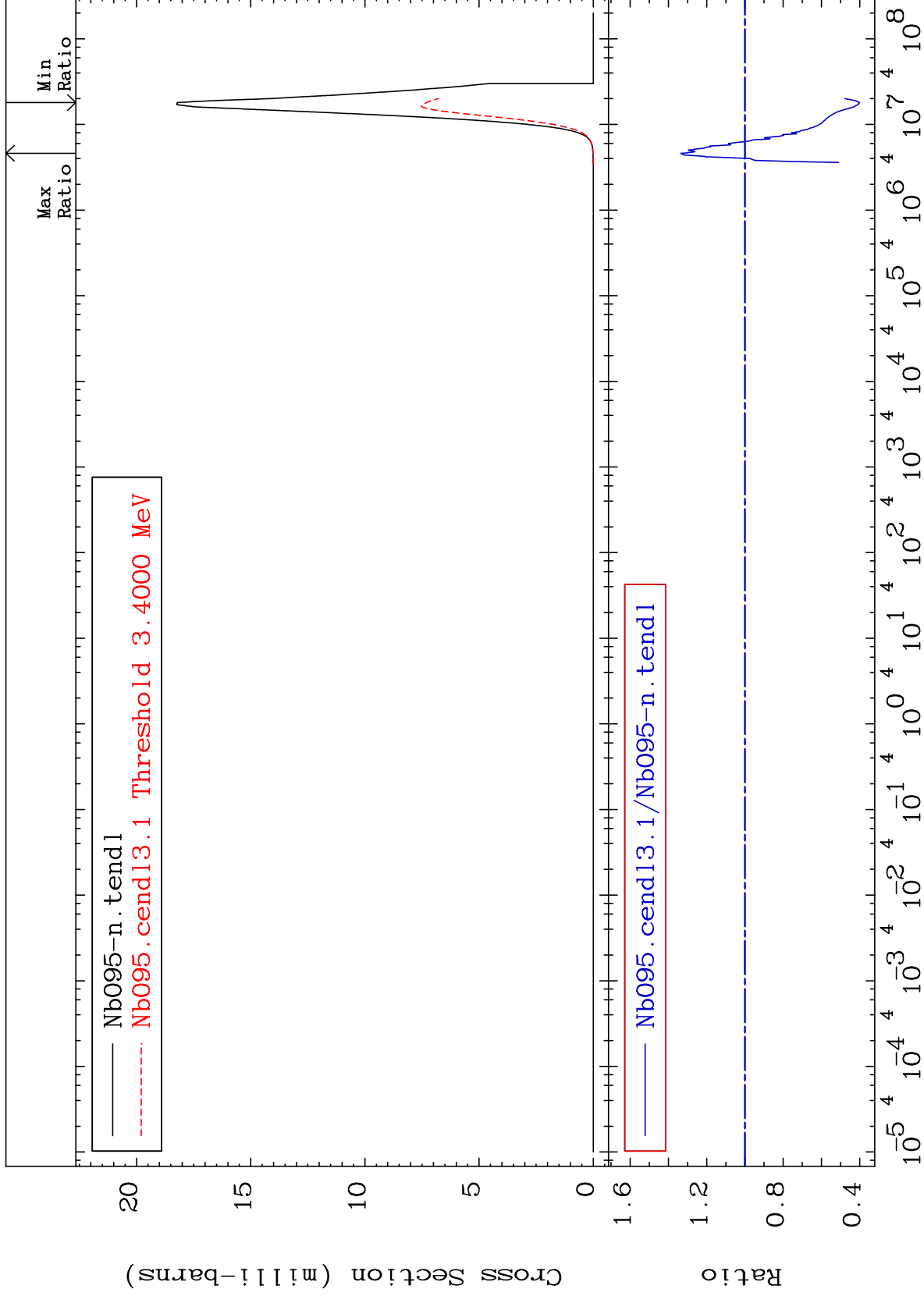
Incident Energy (eV)

41-Nb-95

MAT 4131

(n,  $\alpha$ )  
Cross Section

41-Nb-95  
-59.92 To 33.54 %



19

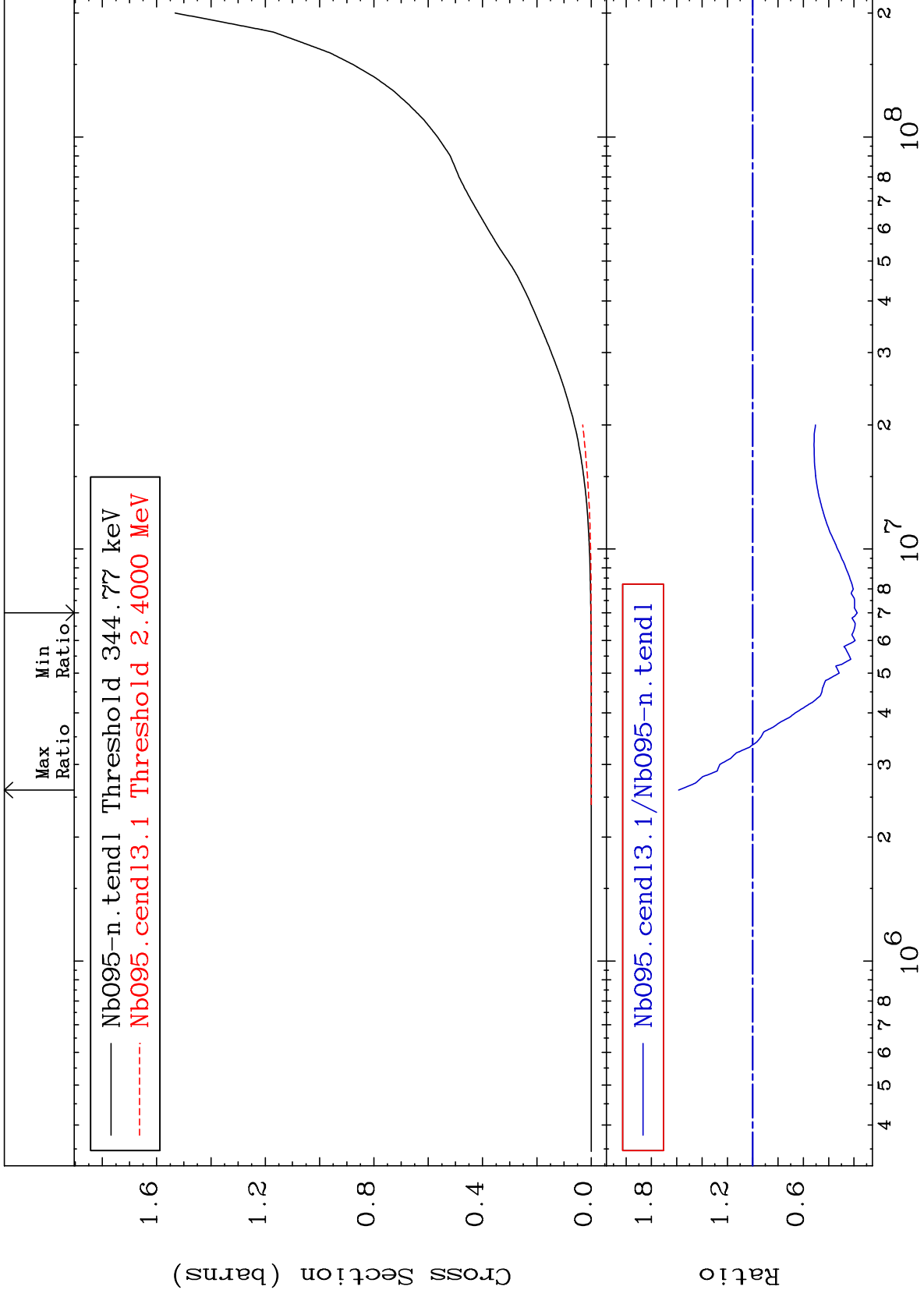
Incident Energy (eV)

41-Nb-95

MAT 4131

Hydrogen Production  
Cross Section

41-Nb-95  
-82.56 To 58.52 %



20

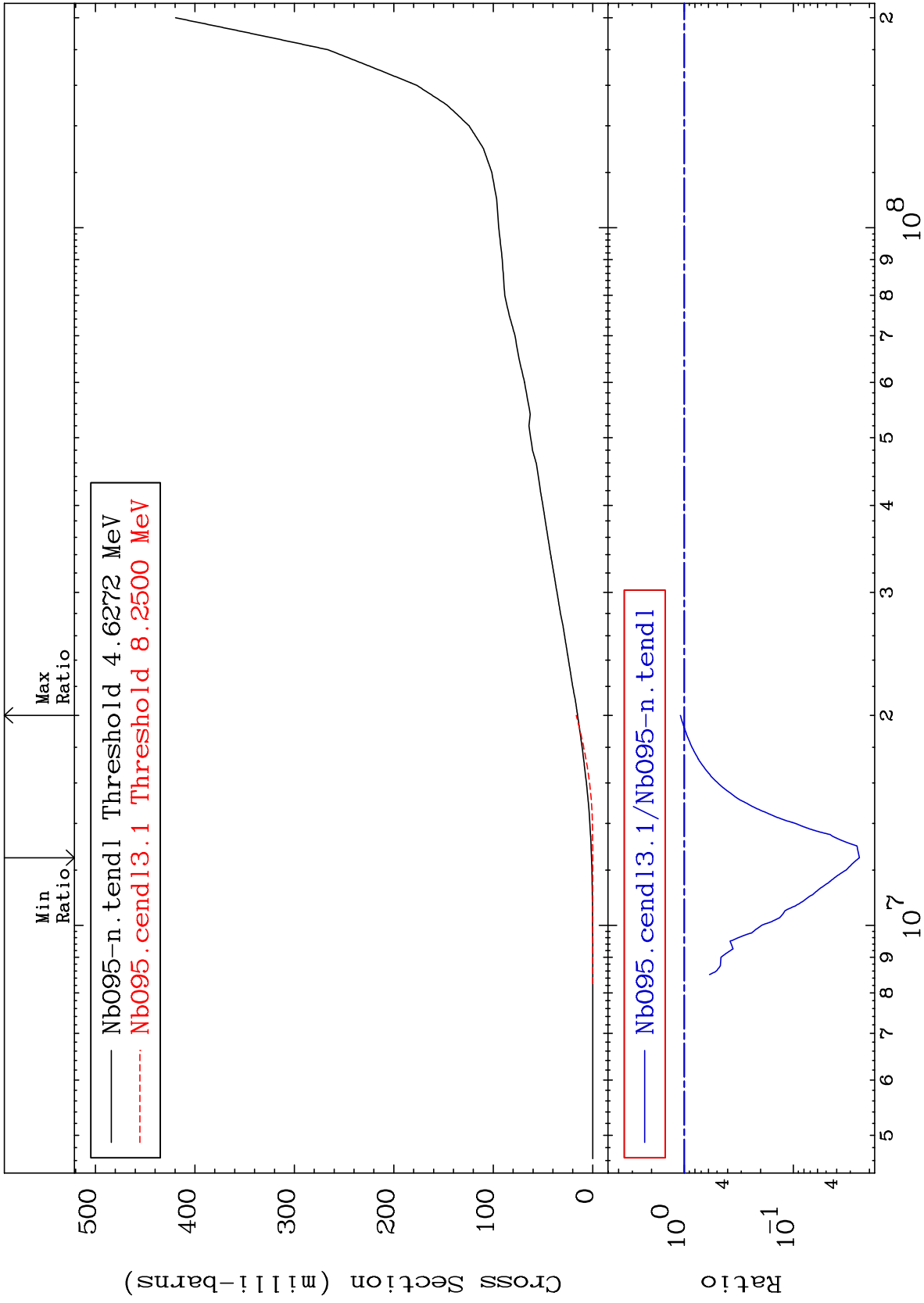
Incident Energy (eV)

41-Nb-95

MAT 4131

Deuterium Production  
Cross Section

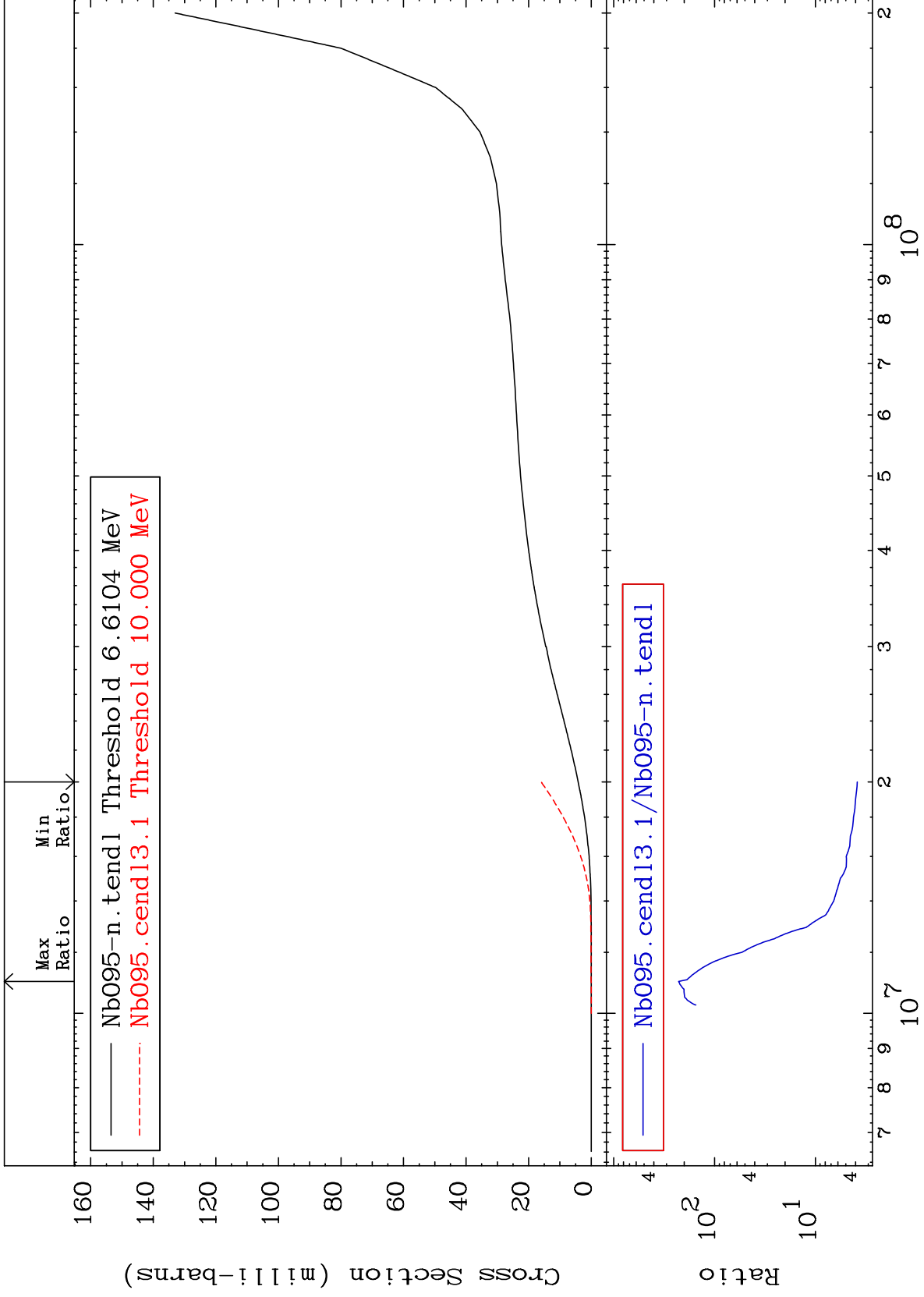
41-Nb-95  
-97.52 To 8.650 %

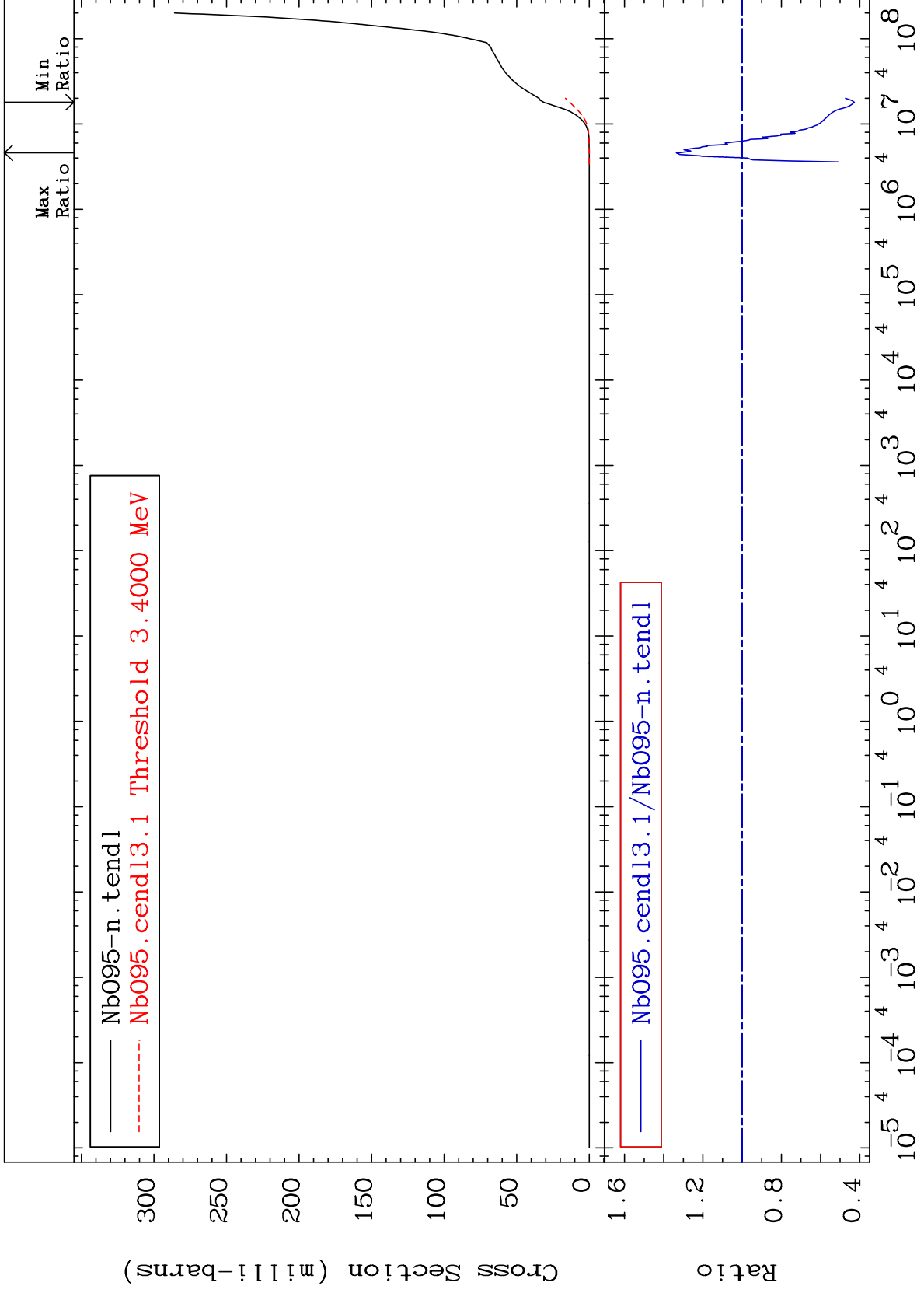


MAT 4131

Tritium Production  
Cross Section

41-Nb-95  
285.3 To 9999. %



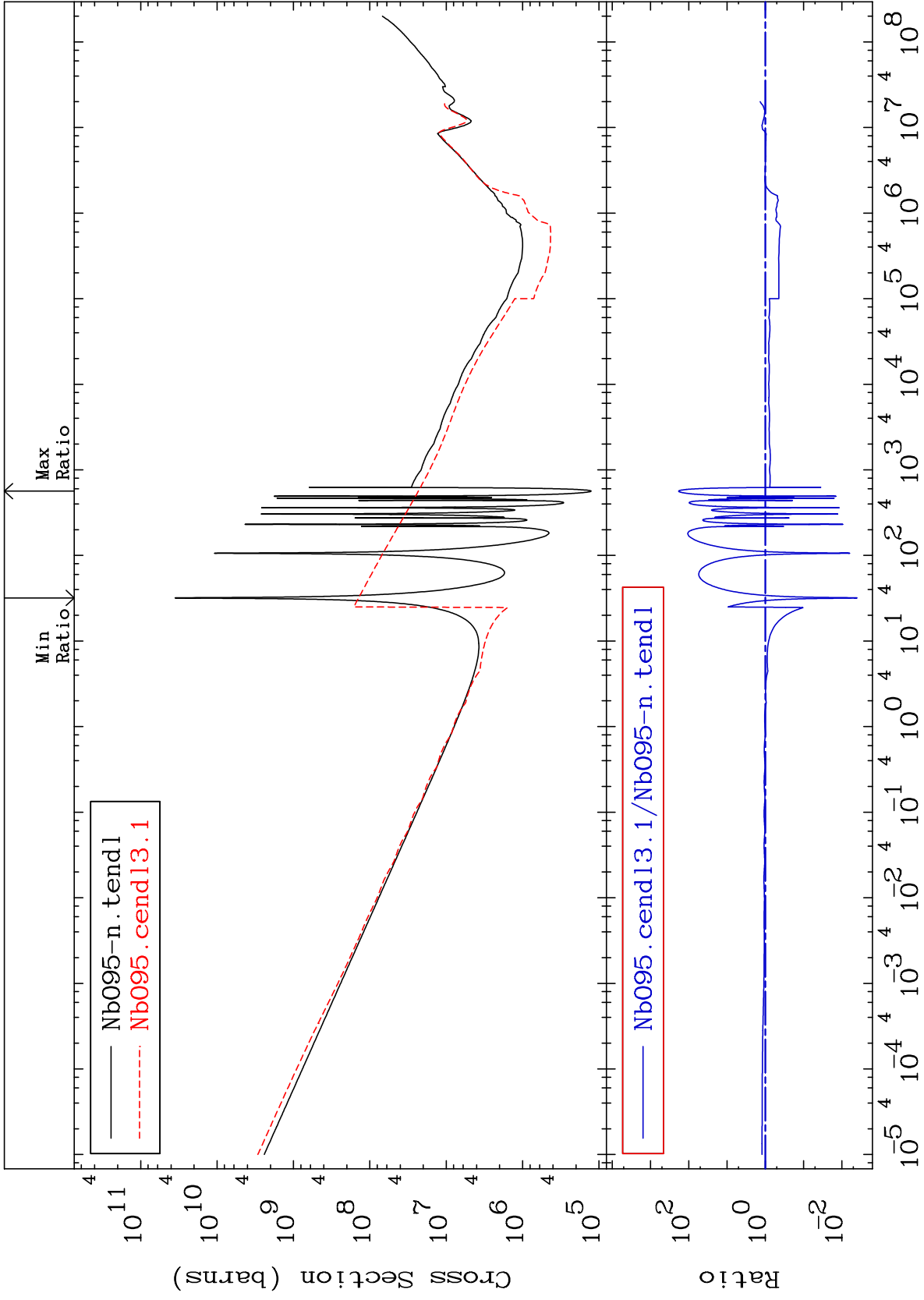


MAT 4131

Kerma total (eV-barns)

41-Nb-95

-99.60 To 9999. %

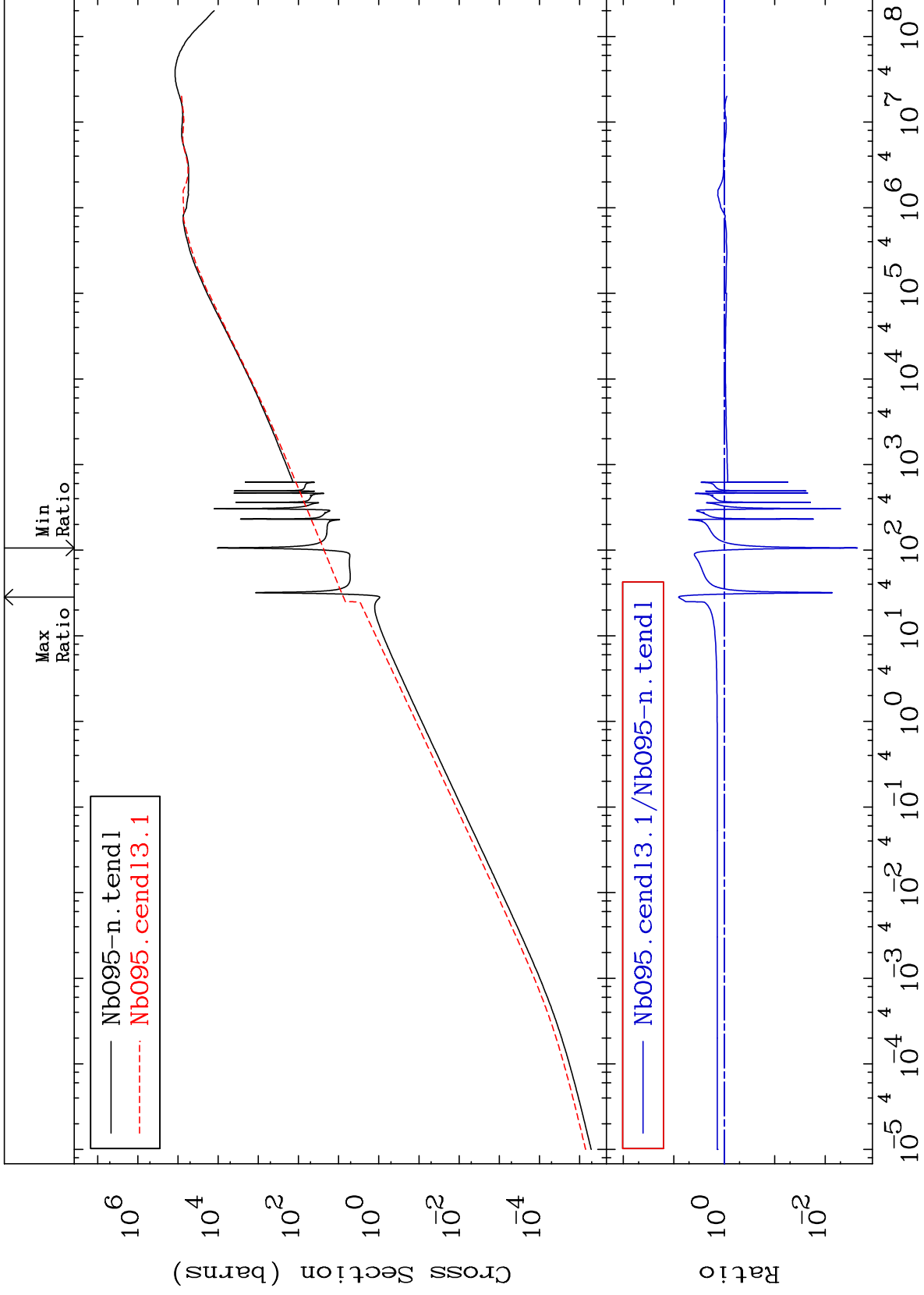


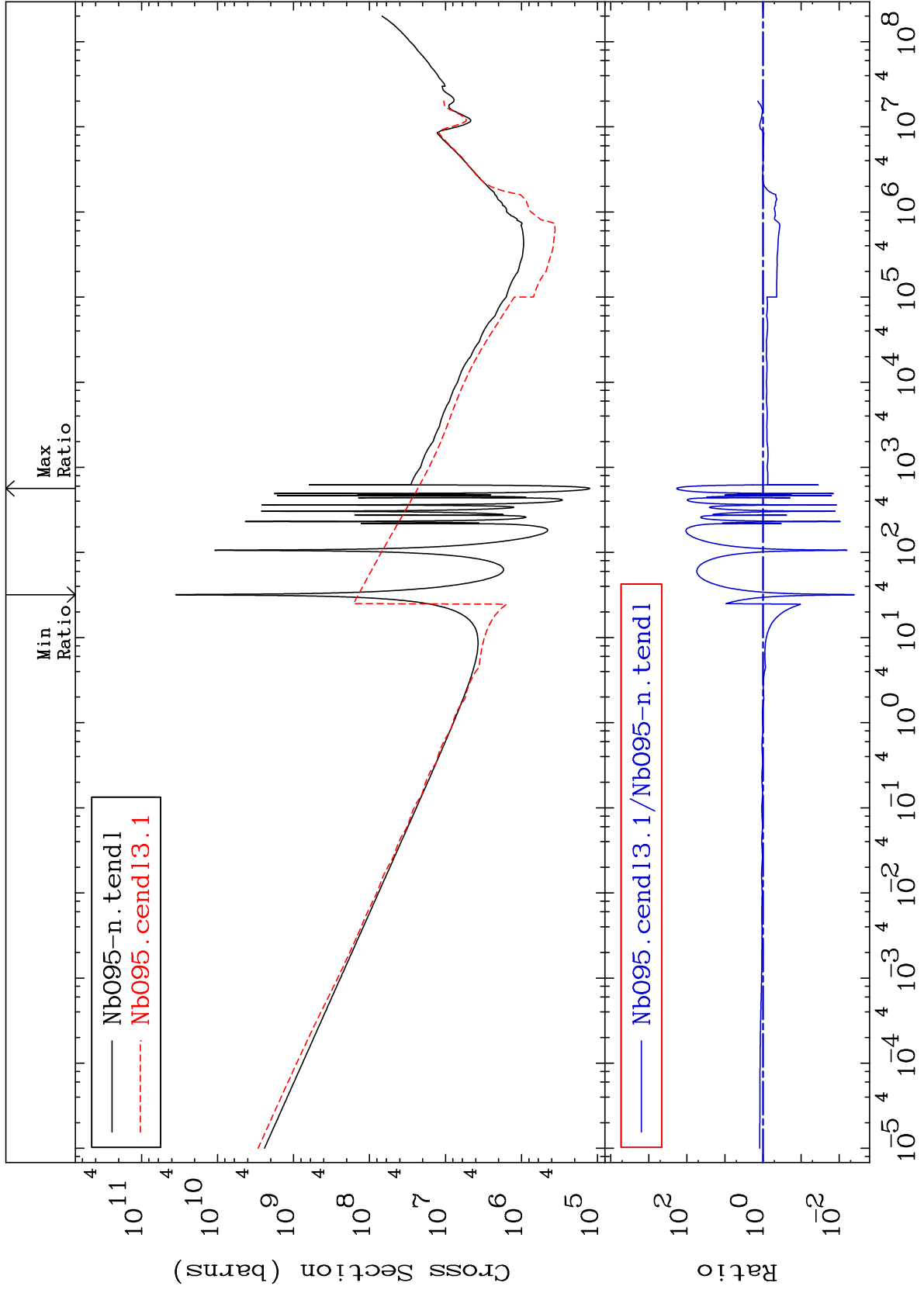


MAT 4131

Kerma elastic  
Cross Section

41-Nb-95  
-99.77 To 703.3 %

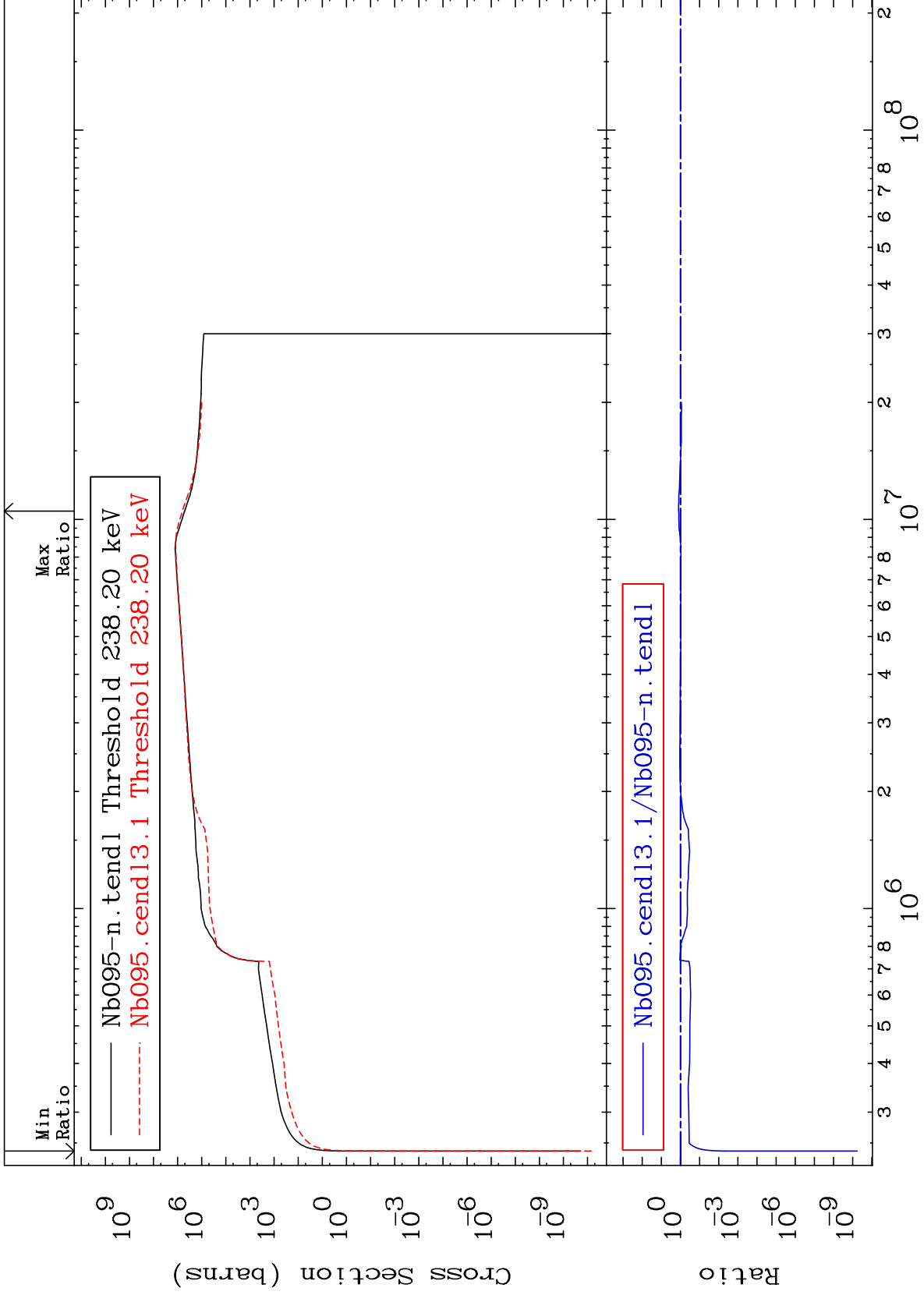




MAT 4131

Kerma inelastic (mt51-91)  
Cross Section

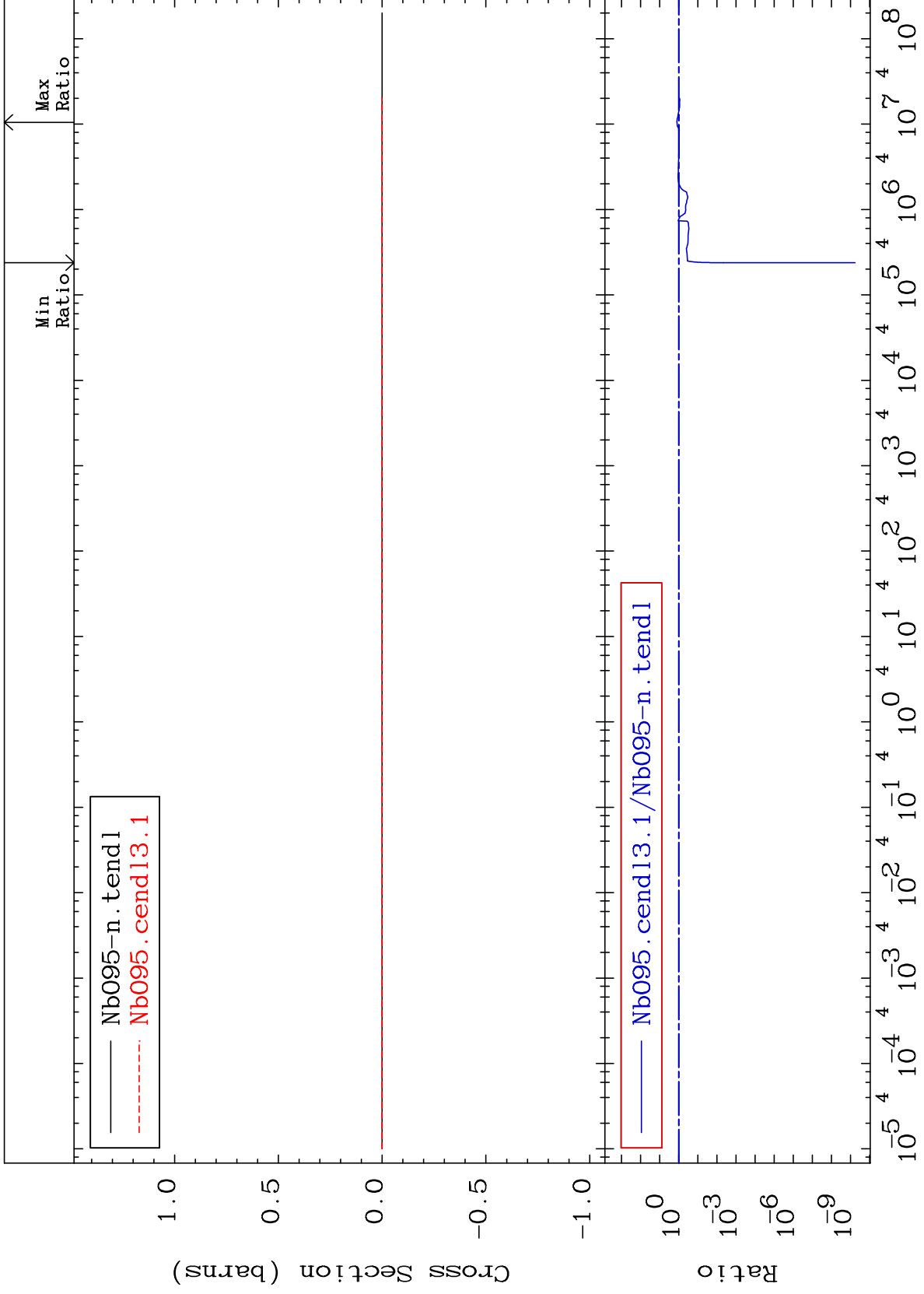
41-Nb-95  
-100.0 To 25.51 %



MAT 4131

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

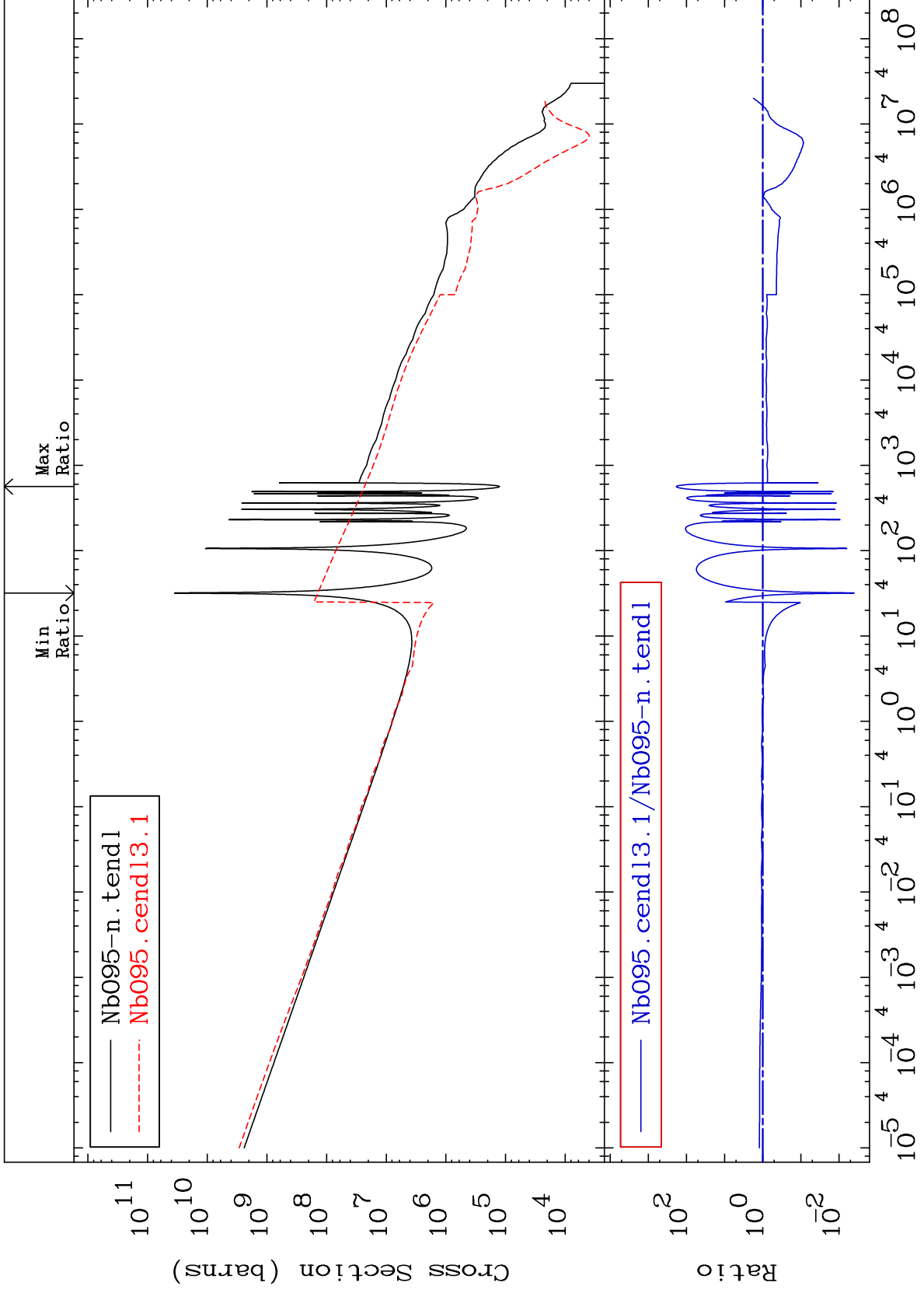
41-Nb-95  
-100.0 To 25.51 %



MAT 4131

Kerma capture (mt102)  
Cross Section

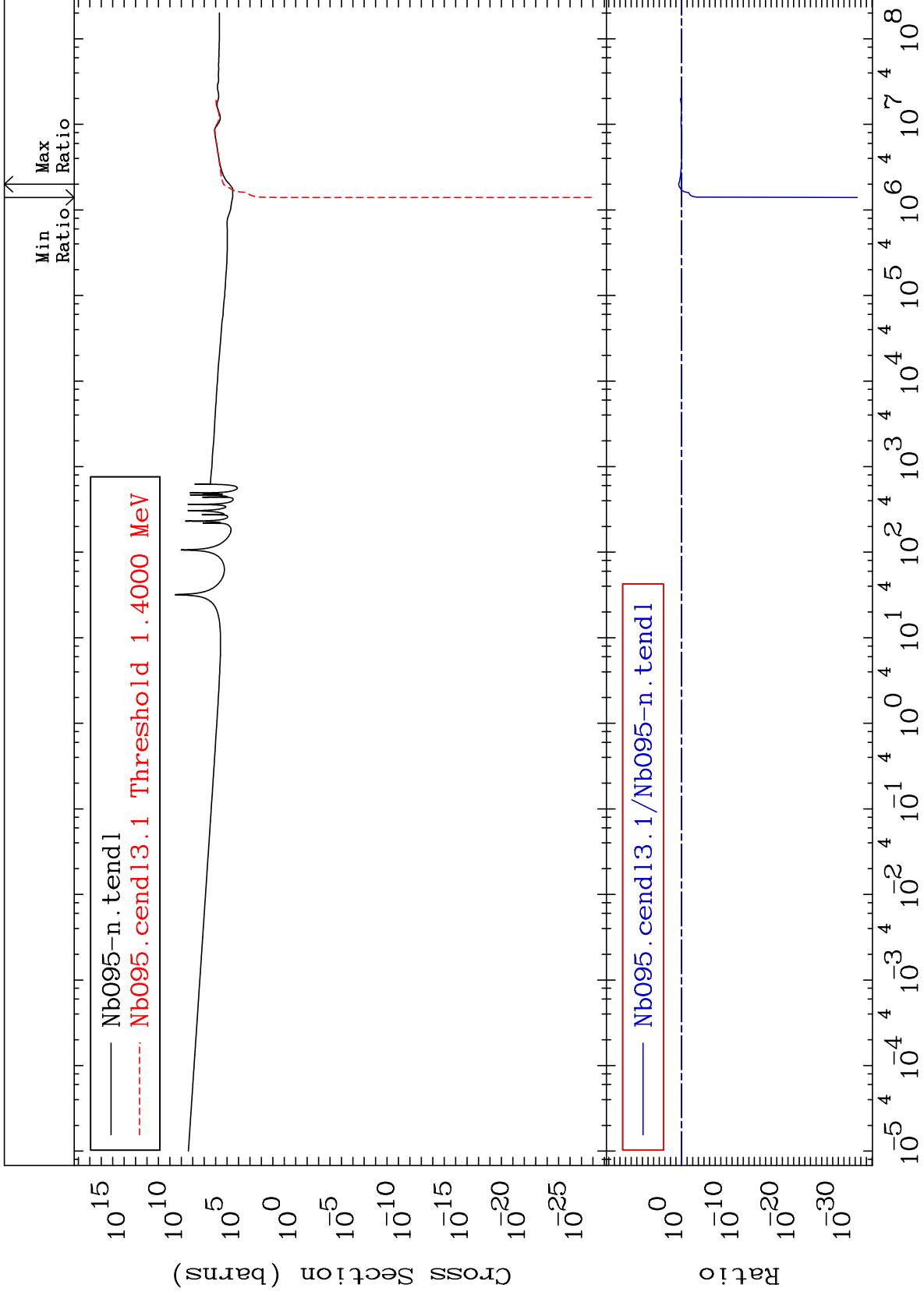
41-Nb-95  
-99.60 To 9999. %



MAT 4131

Total photon (eV-barns)  
Cross Section

41-Nb-95  
-100.0 To 235.8 %



30

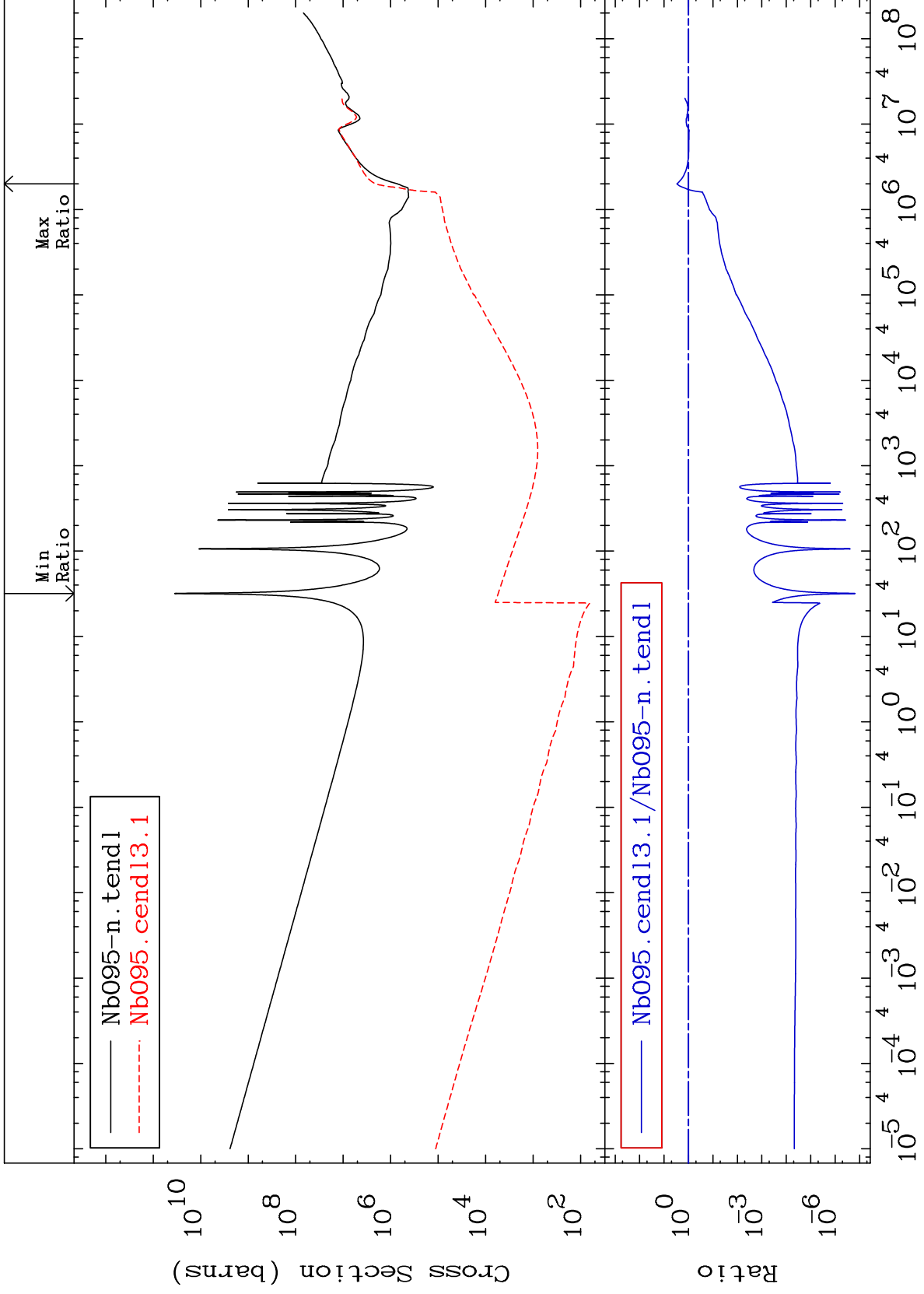
Incident Energy (eV)

41-Nb-95

MAT 4131

Total kinematic kerma (high limit)  
Cross Section

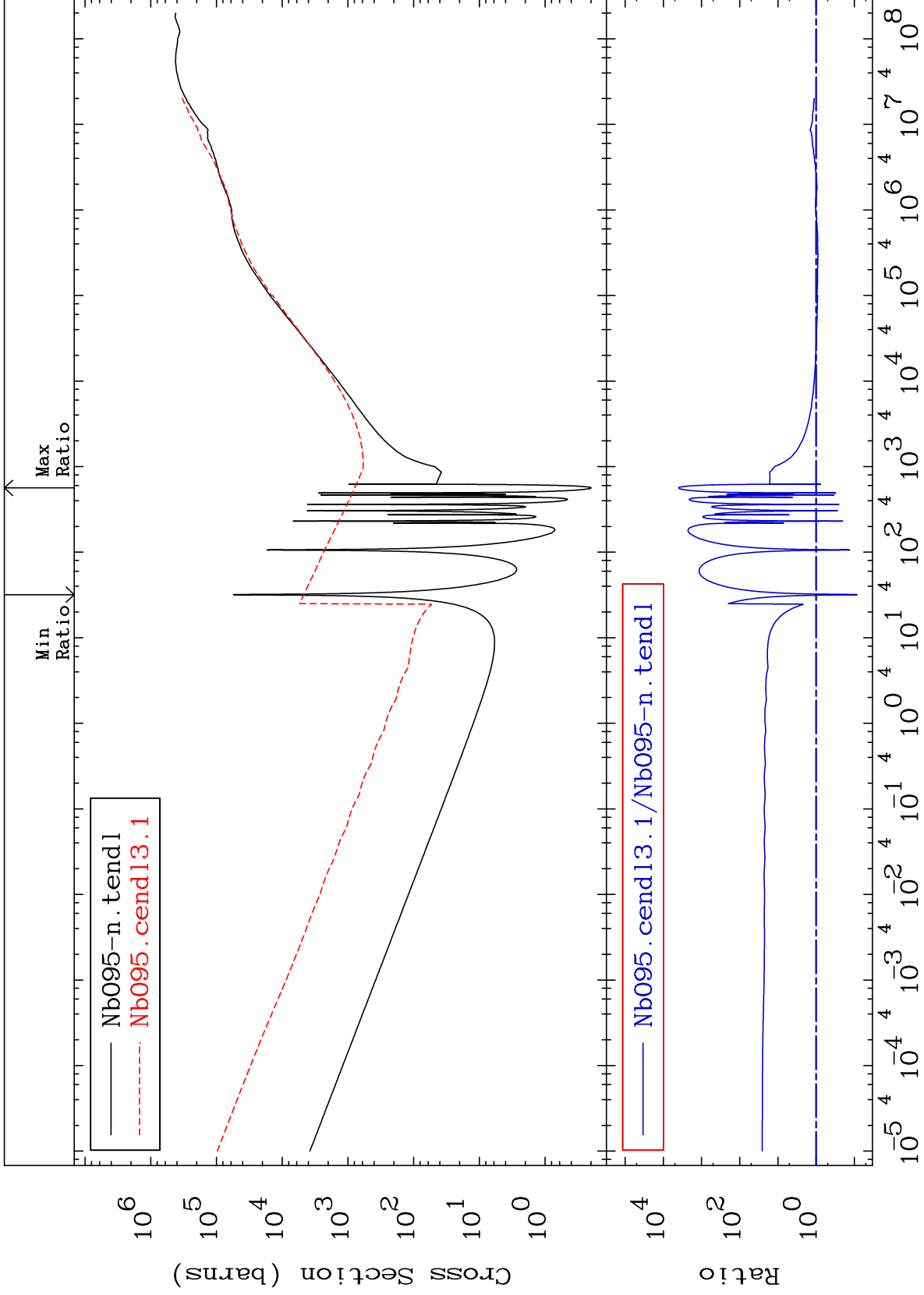
41-Nb-95  
-100.0 To 197.7 %



MAT 4131

Dpa total (eV-barns)  
Cross Section

41-Nb-95  
-91.60 To 9999. %

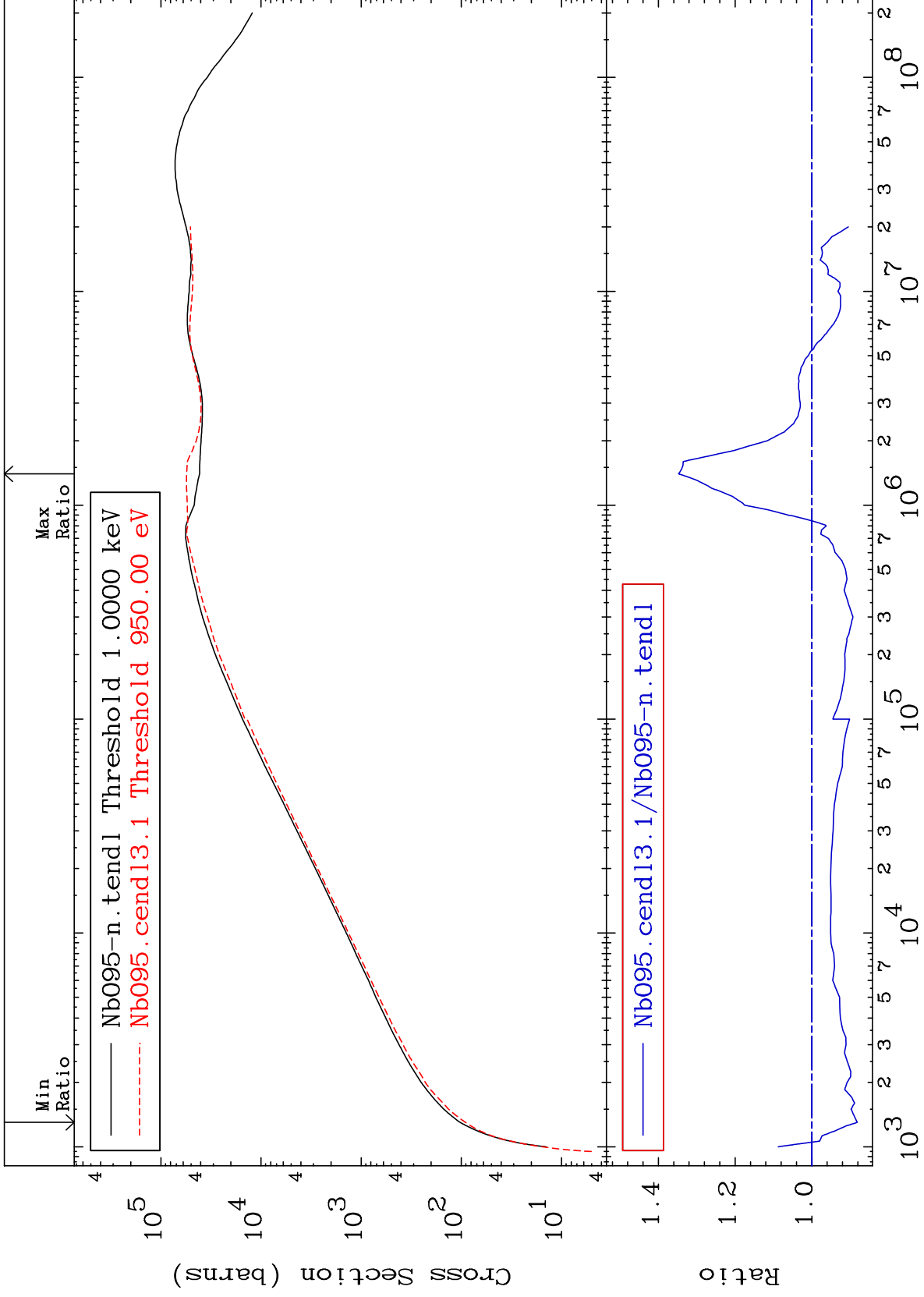




MAT 4131

Dpa elastic (mt2)  
Cross Section

41-Nb-95  
-11.84 To 34.72 %



33

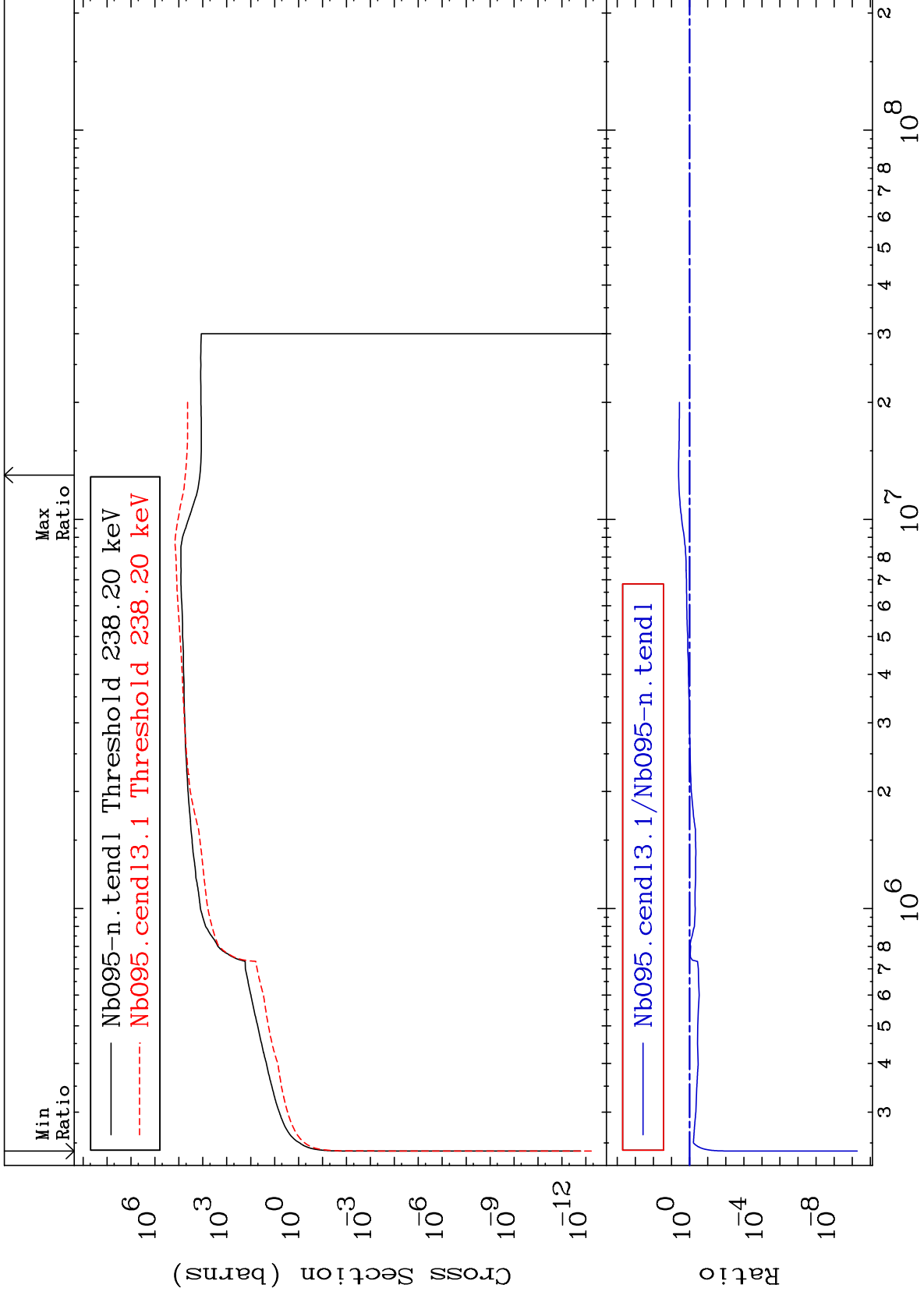
Incident Energy (eV)

41-Nb-95

MAT 4131

Dpa inelastic (mt51-91)  
Cross Section

41-Nb-95  
-100.0 To 304.7 %



MAT 4131

Dpa disappearance (mt102 -120)

41-Nb-95

-91.60 To 9999. %

