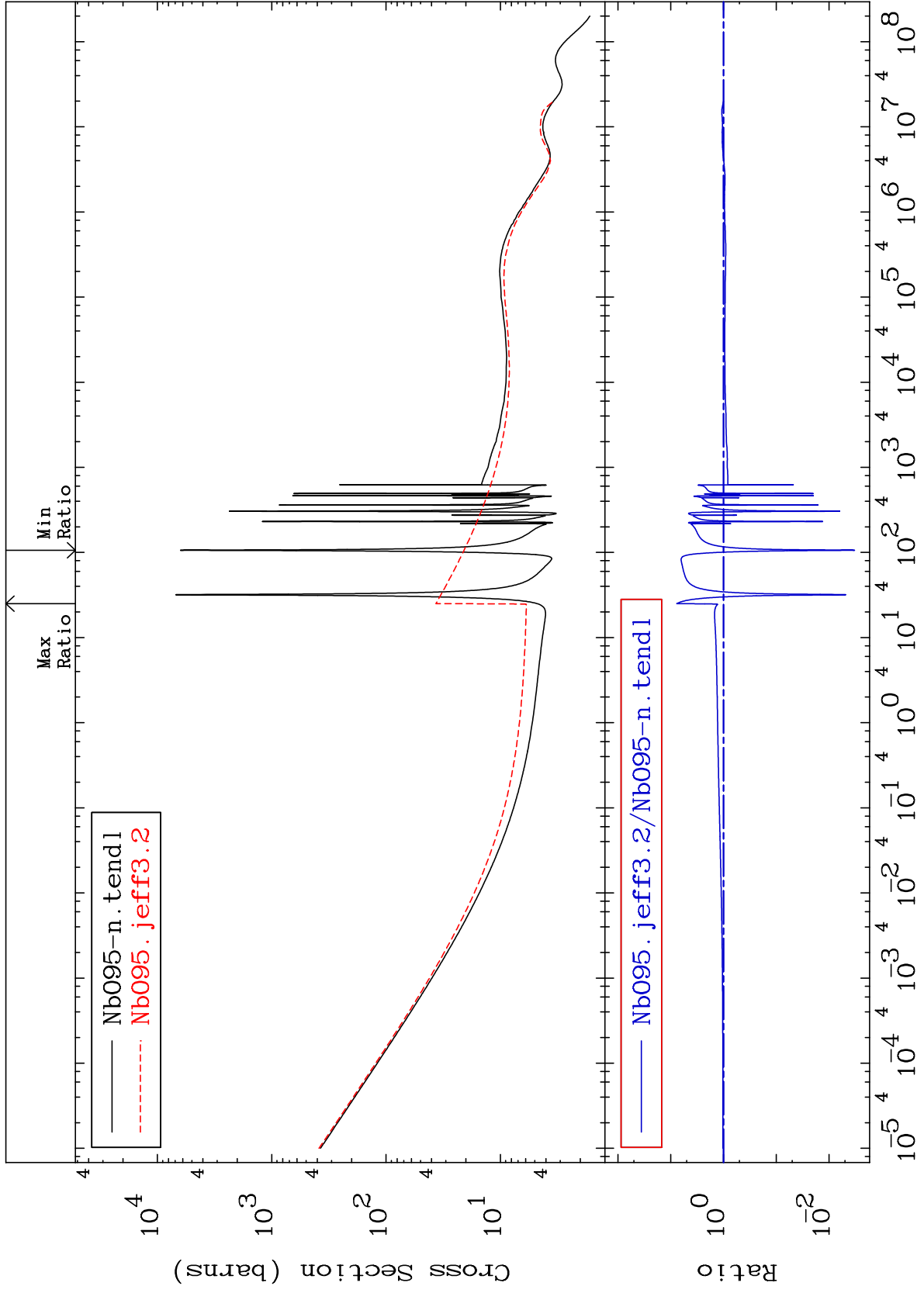


MAT 4131

Total  
Cross Section

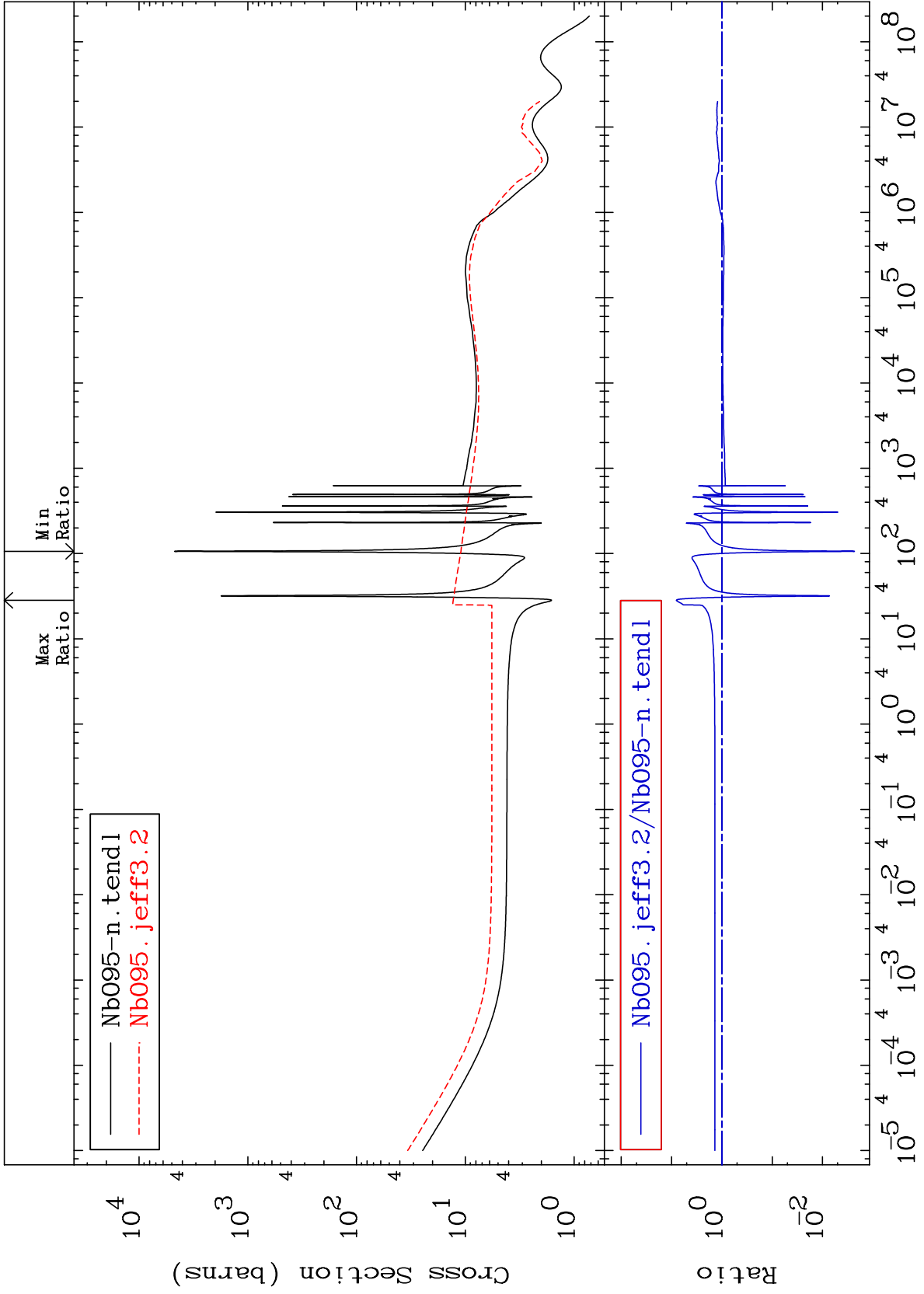
41-Nb-95  
-99.67 To 670.3 %



41-Nb-95

MAT 4131

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



41-Nb-95

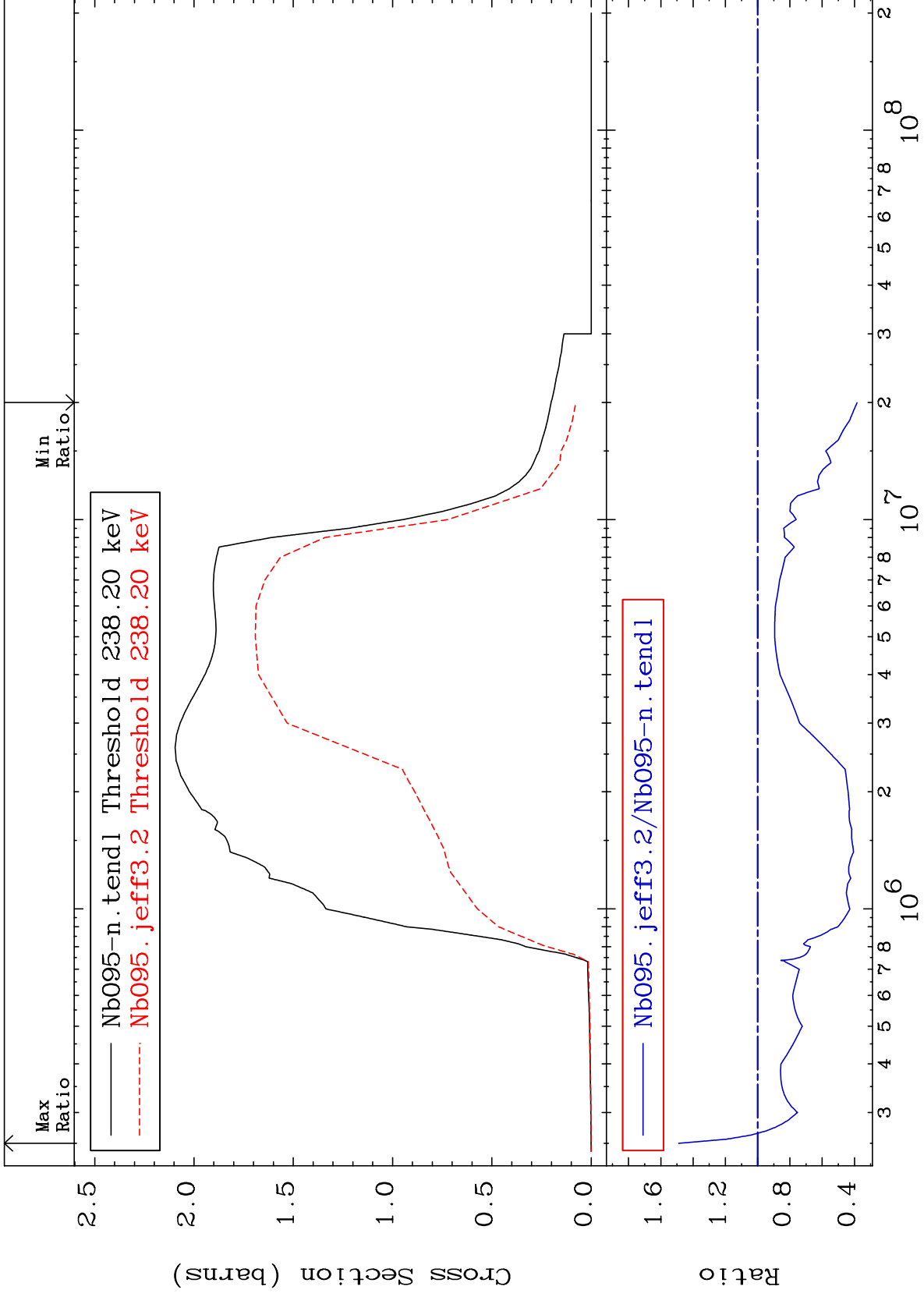
Incident Energy (eV)

2

MAT 4131

Inelastic  
Cross Section

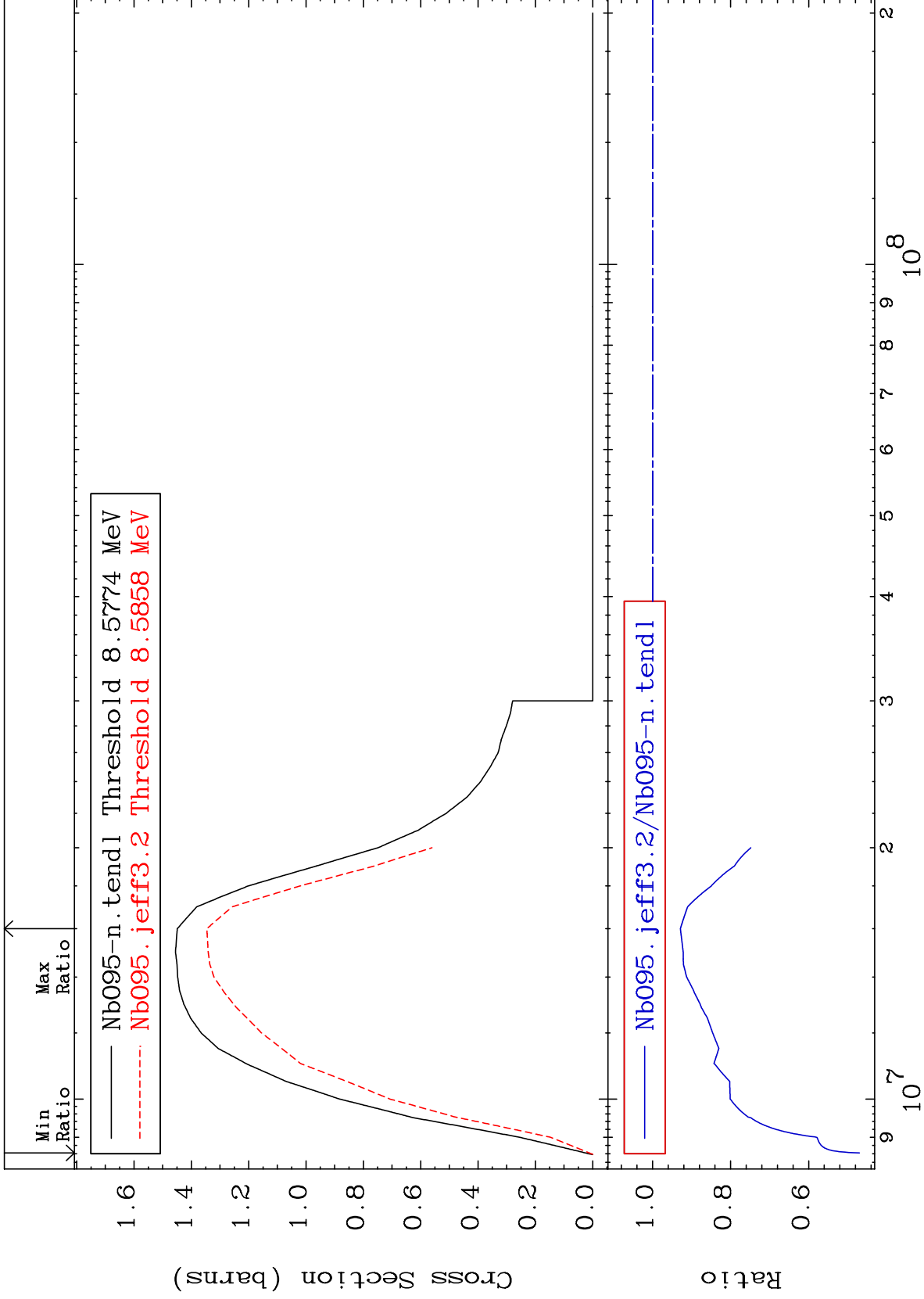
41-Nb-95  
-61.73 To 48.97 %



MAT 4131

(n,2n)  
Cross Section

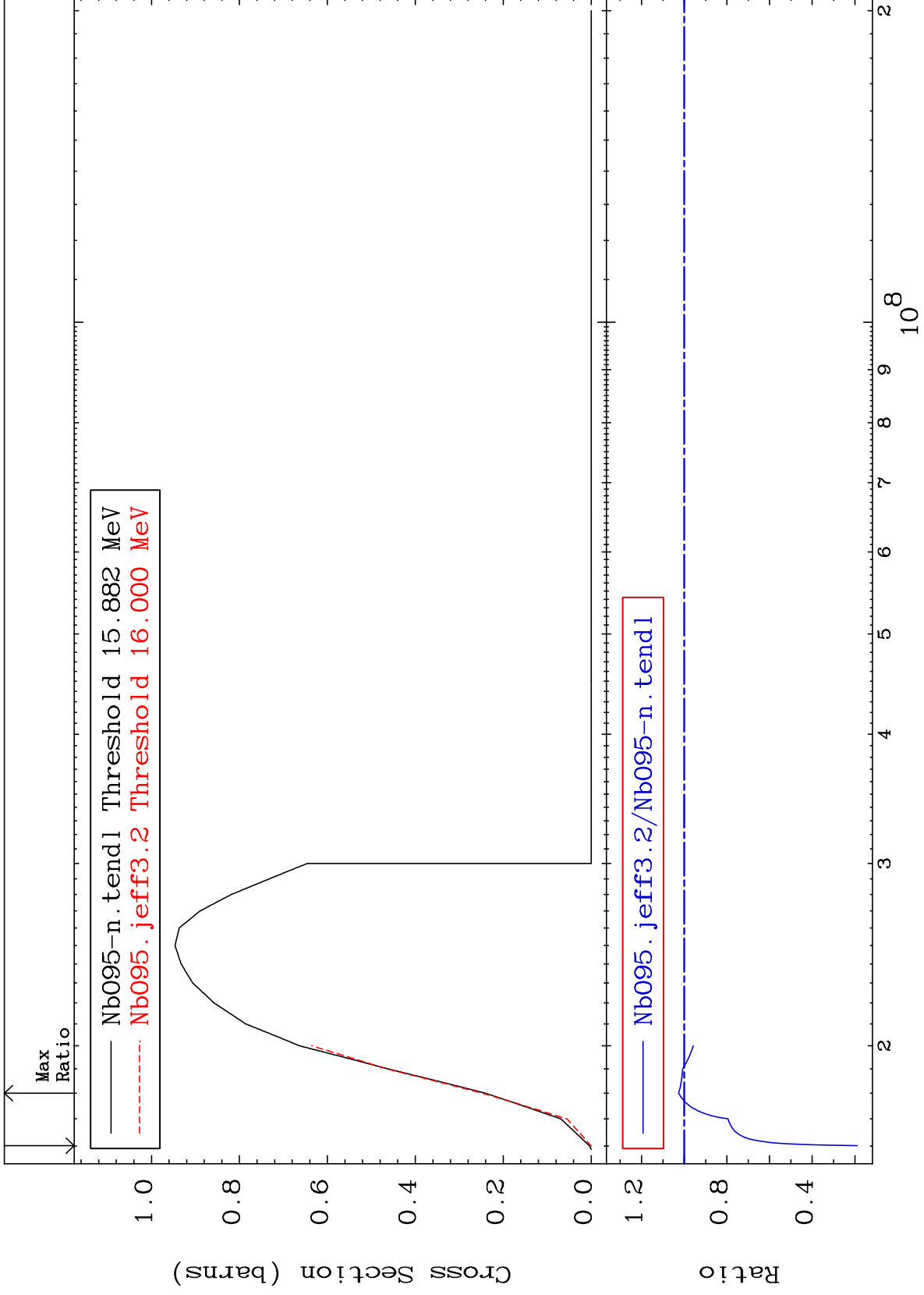
41-Nb-95  
-53.01 To -7.118%



4

Incident Energy (eV)

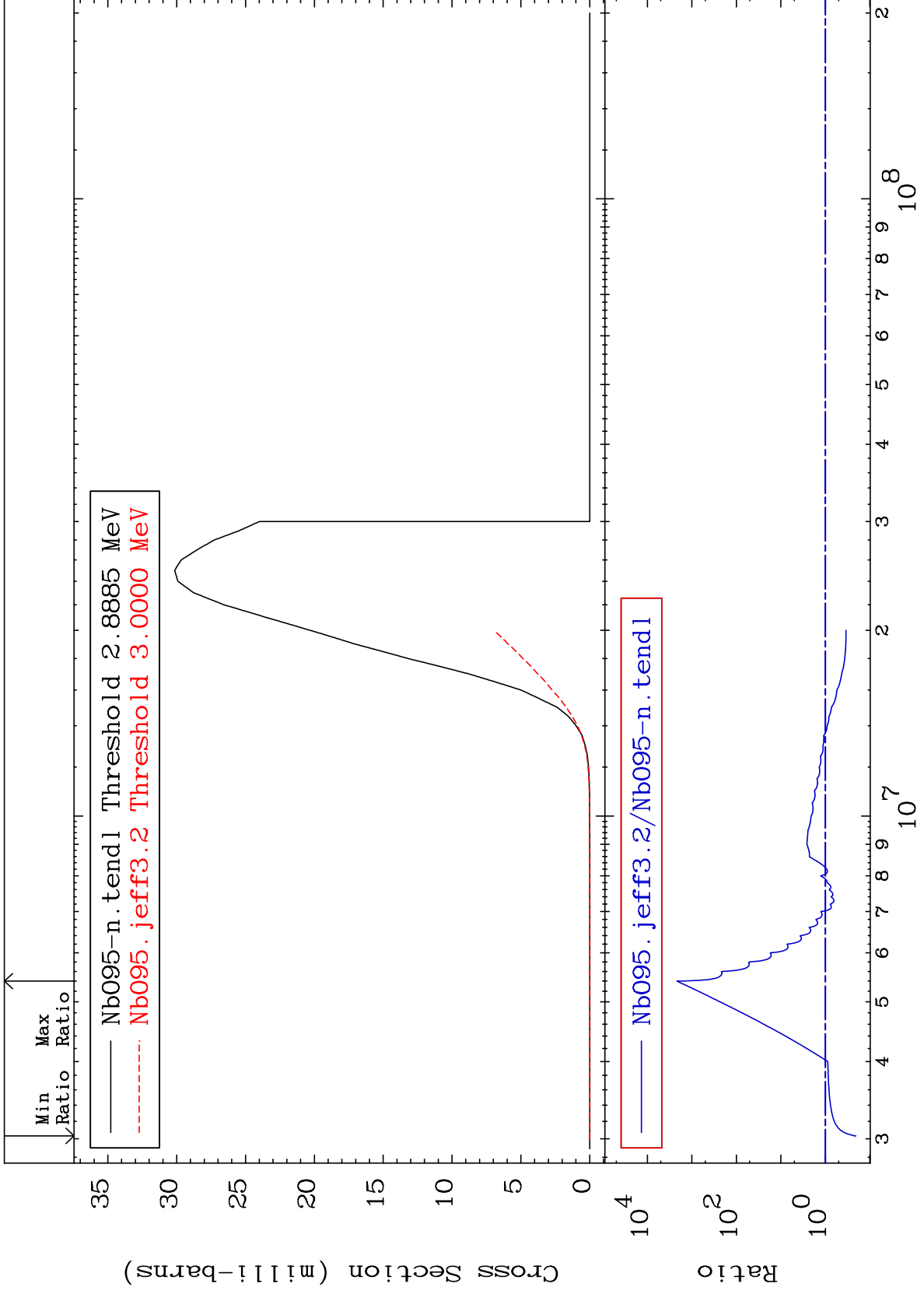
41-Nb-95



MAT 4131

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

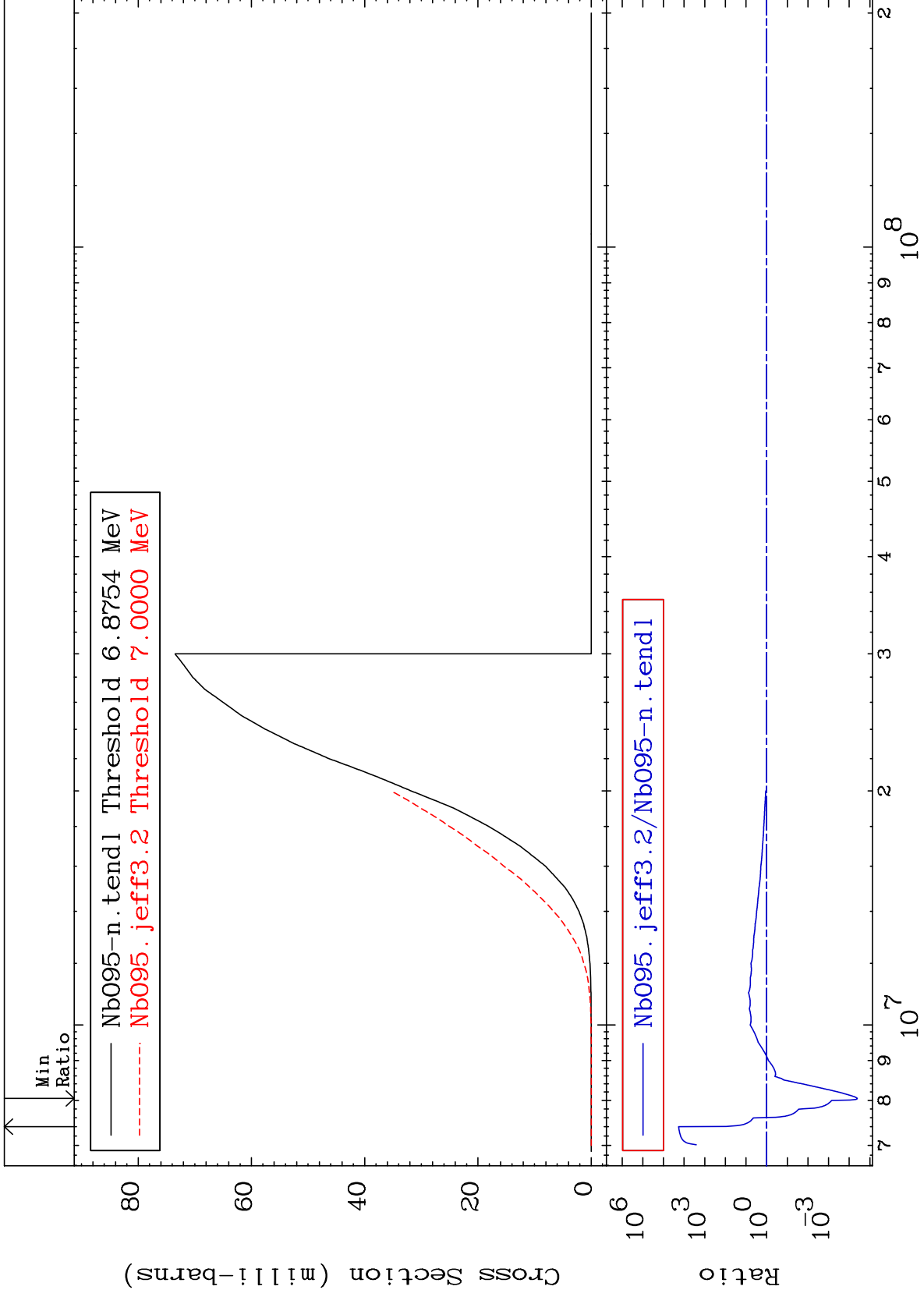
41-Nb-95  
-78.51 To 9999. %



MAT 4131

(n,n') p  
Cross Section

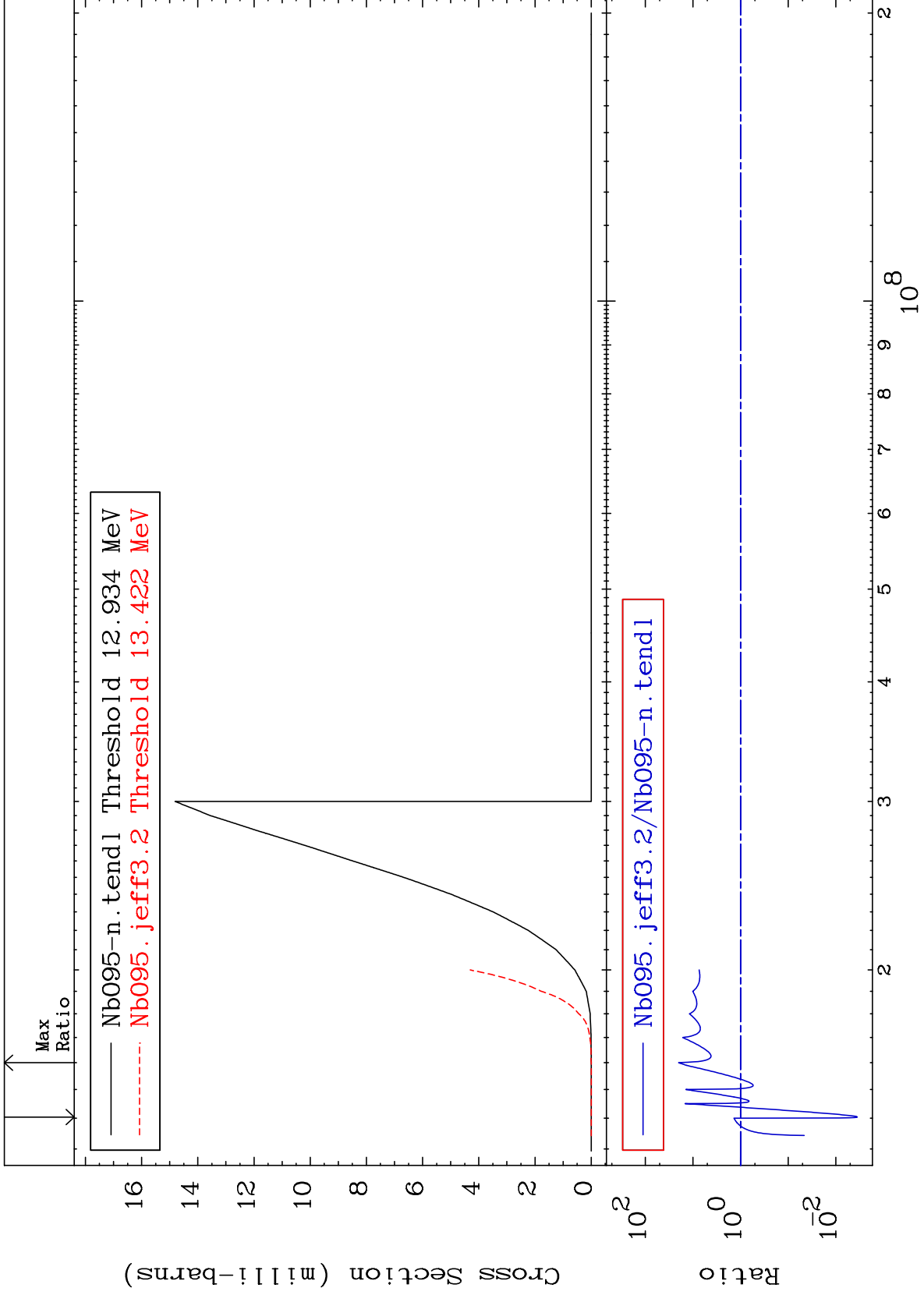
41-Nb-95  
-100.0 To 9999. %



7

Incident Energy (eV)

41-Nb-95

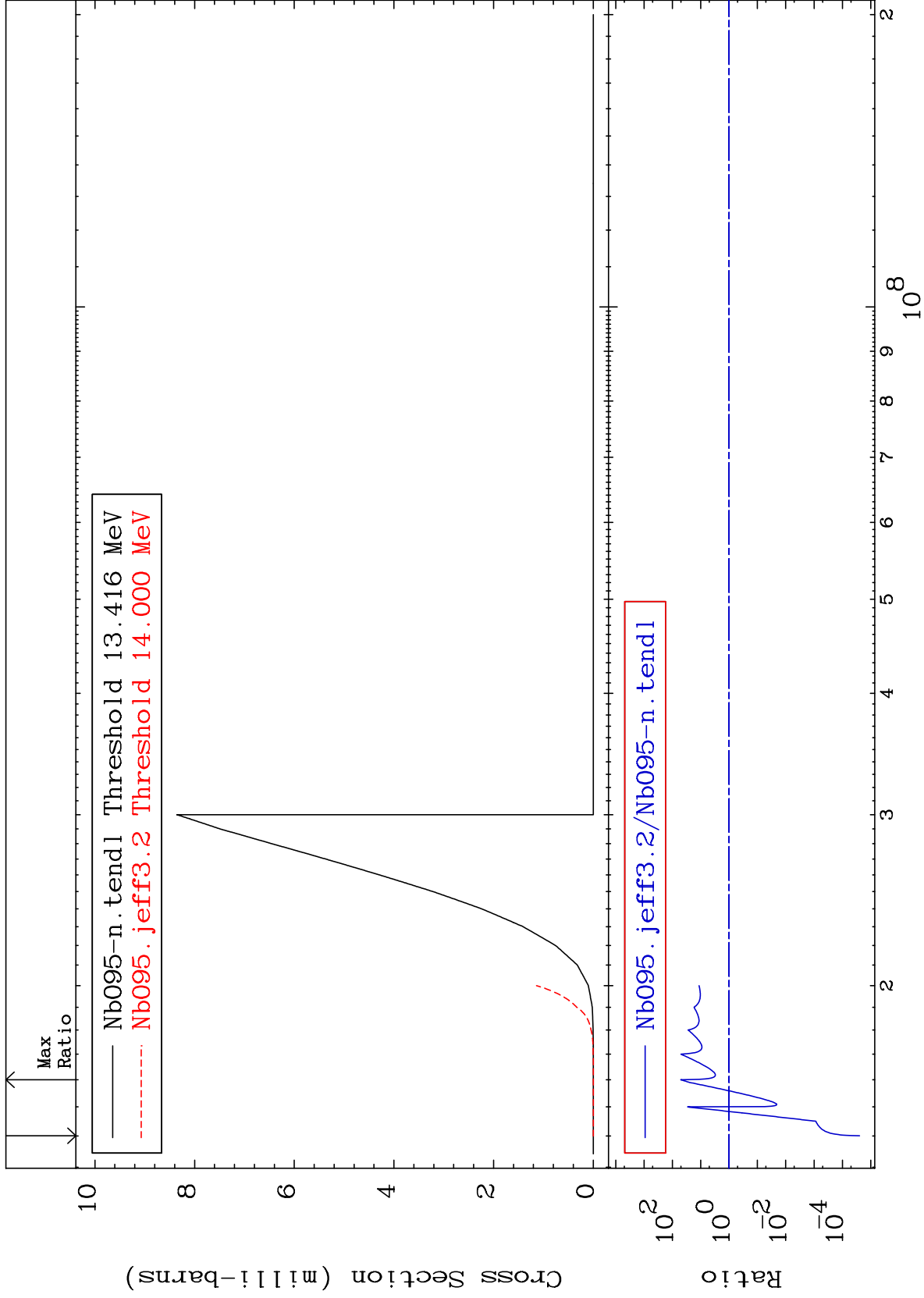




MAT 4131

(n,n') t  
Cross Section

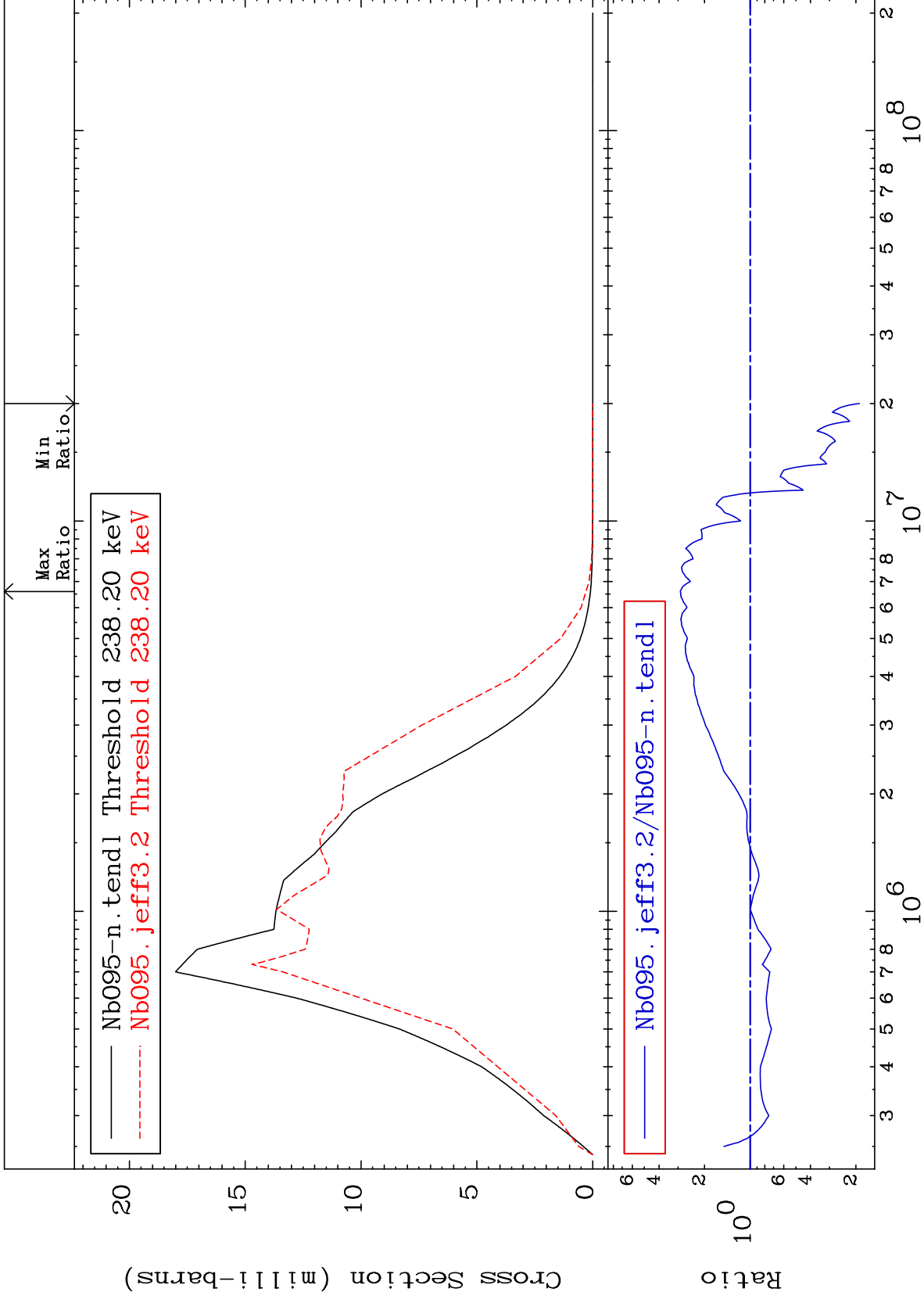
41-Nb-95  
-100.0 To 4960. %



MAT 4131

235.7 keV (n,n') Level  
Cross Section

41-Nb-95  
-81.02 To 189.1 %



10

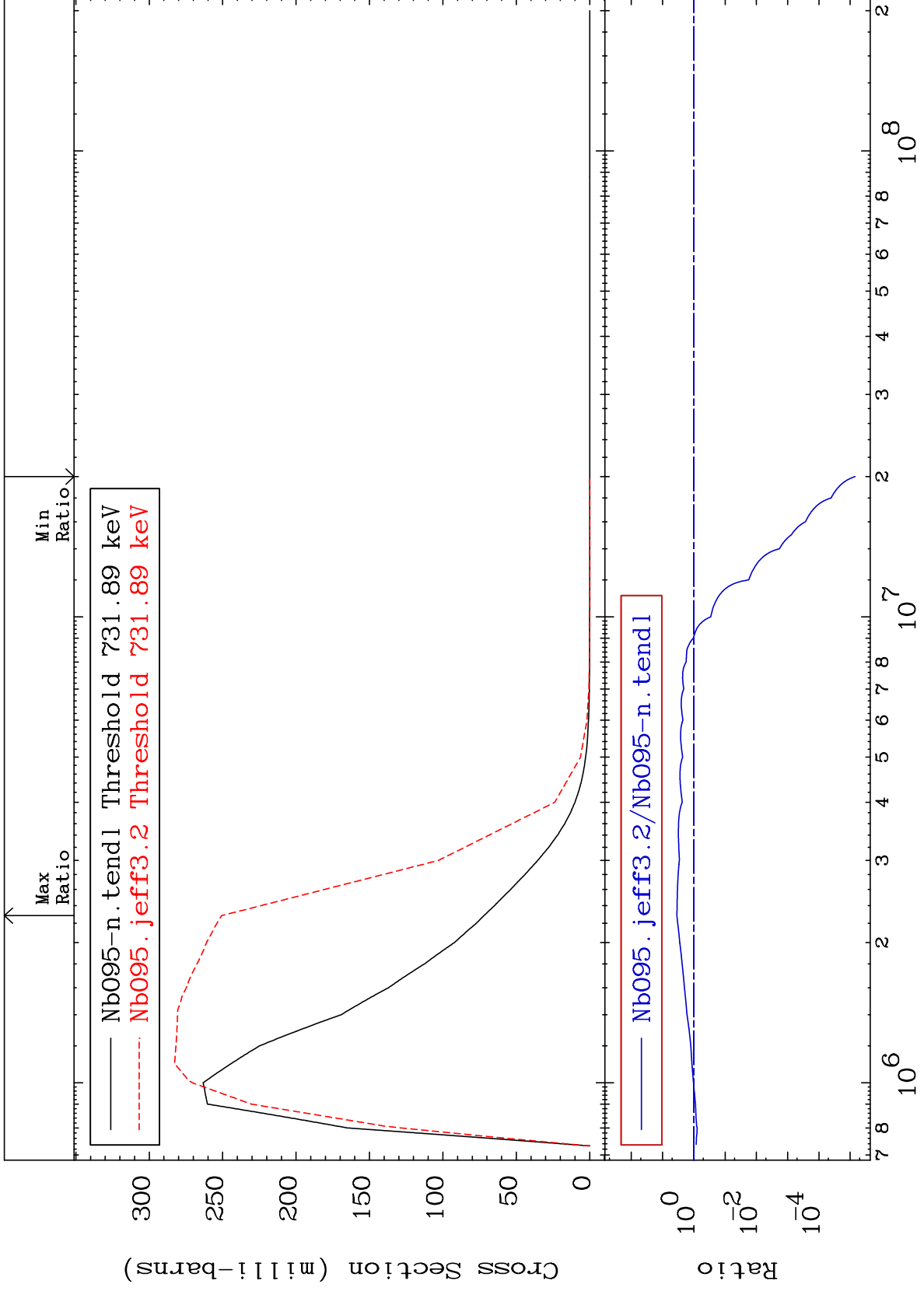
Incident Energy (eV)

41-Nb-95

MAT 4131

724.2 keV (n,n') Level  
Cross Section

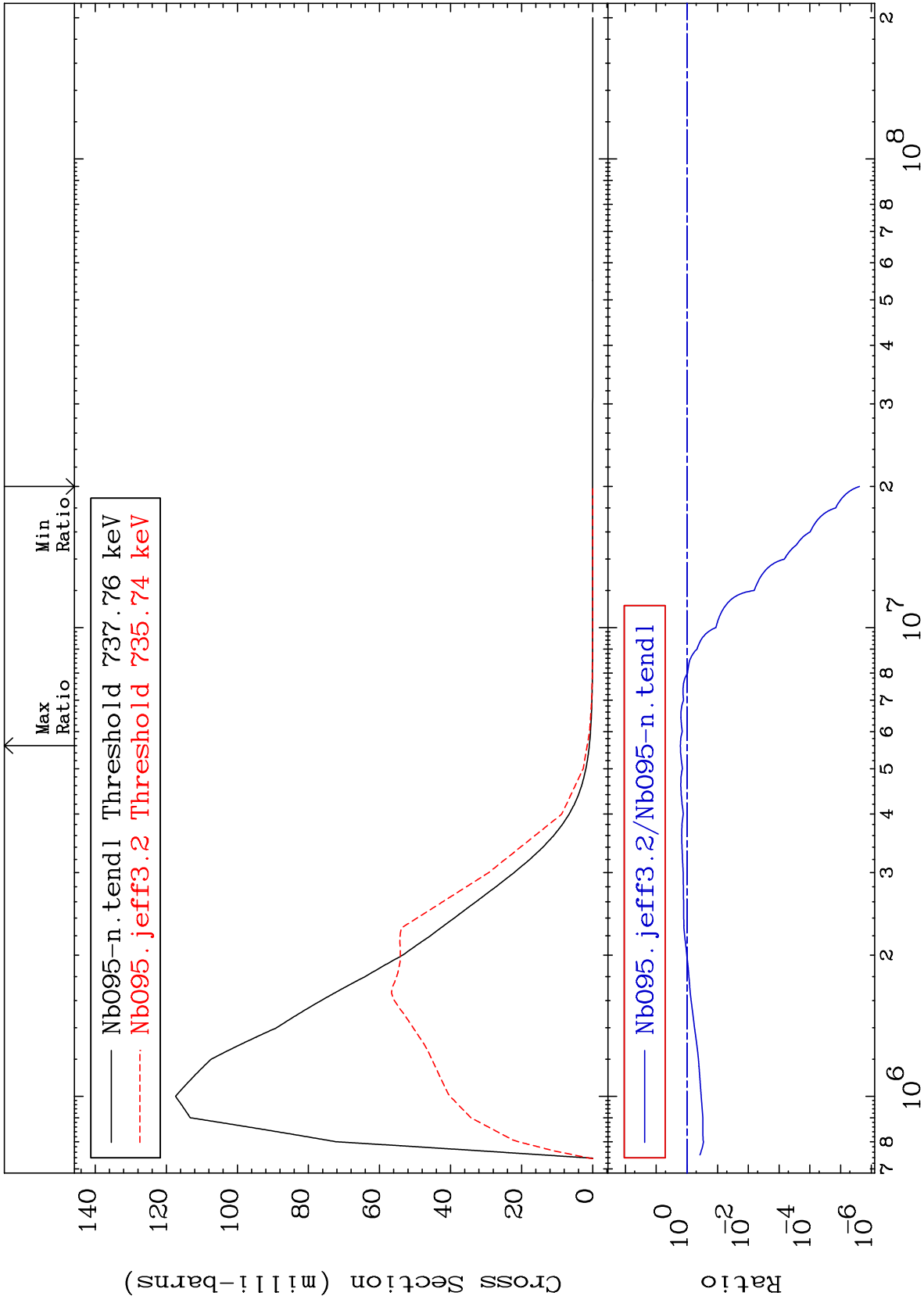
41-Nb-95  
-100.0 To 248.2 %



MAT 4131

730.0 keV (n,n') Level  
Cross Section

41-Nb-95  
-100.0 To 63.43 %



12

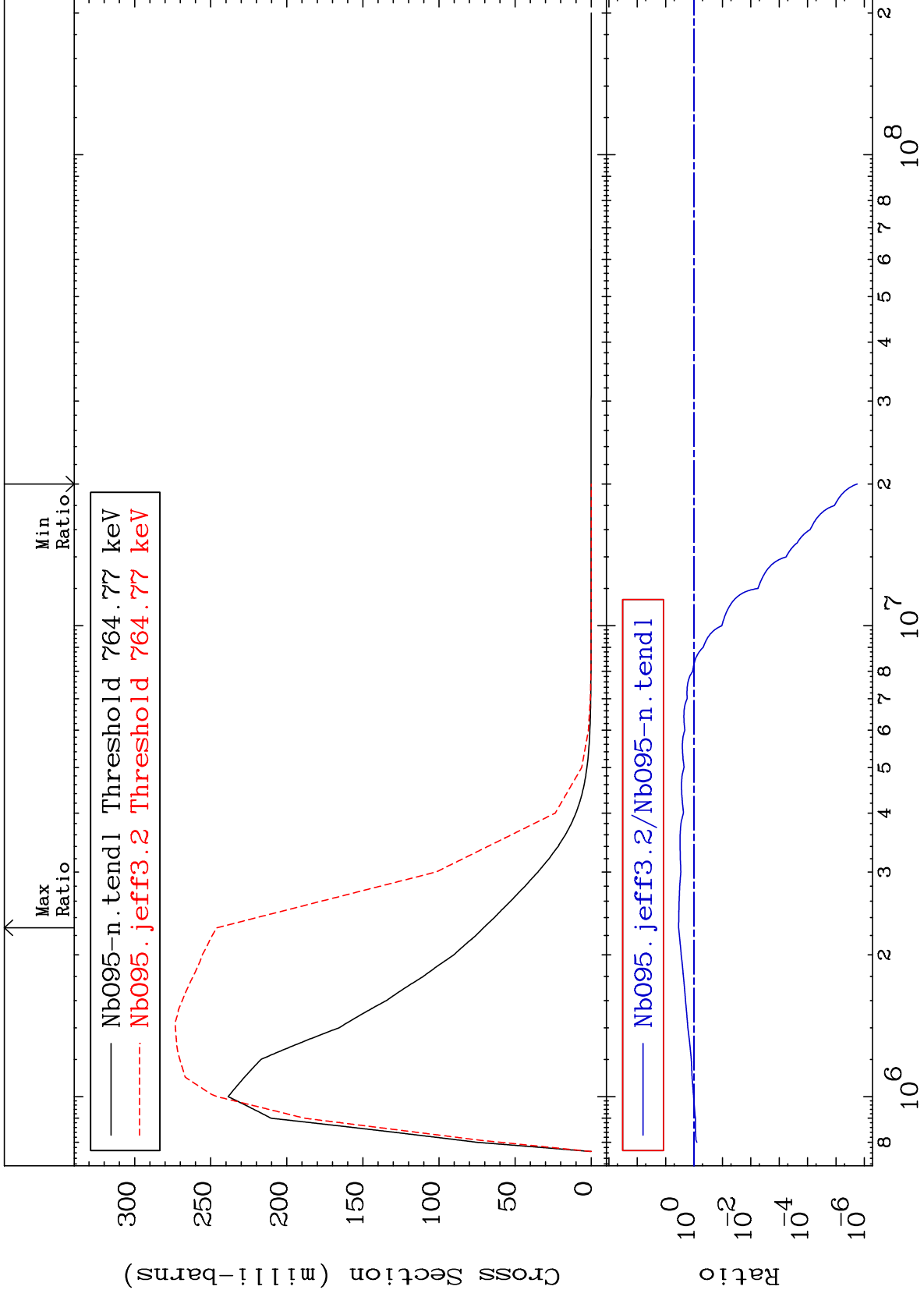
Incident Energy (eV)

41-Nb-95

MAT 4131

756.7 keV (n,n') Level  
Cross Section

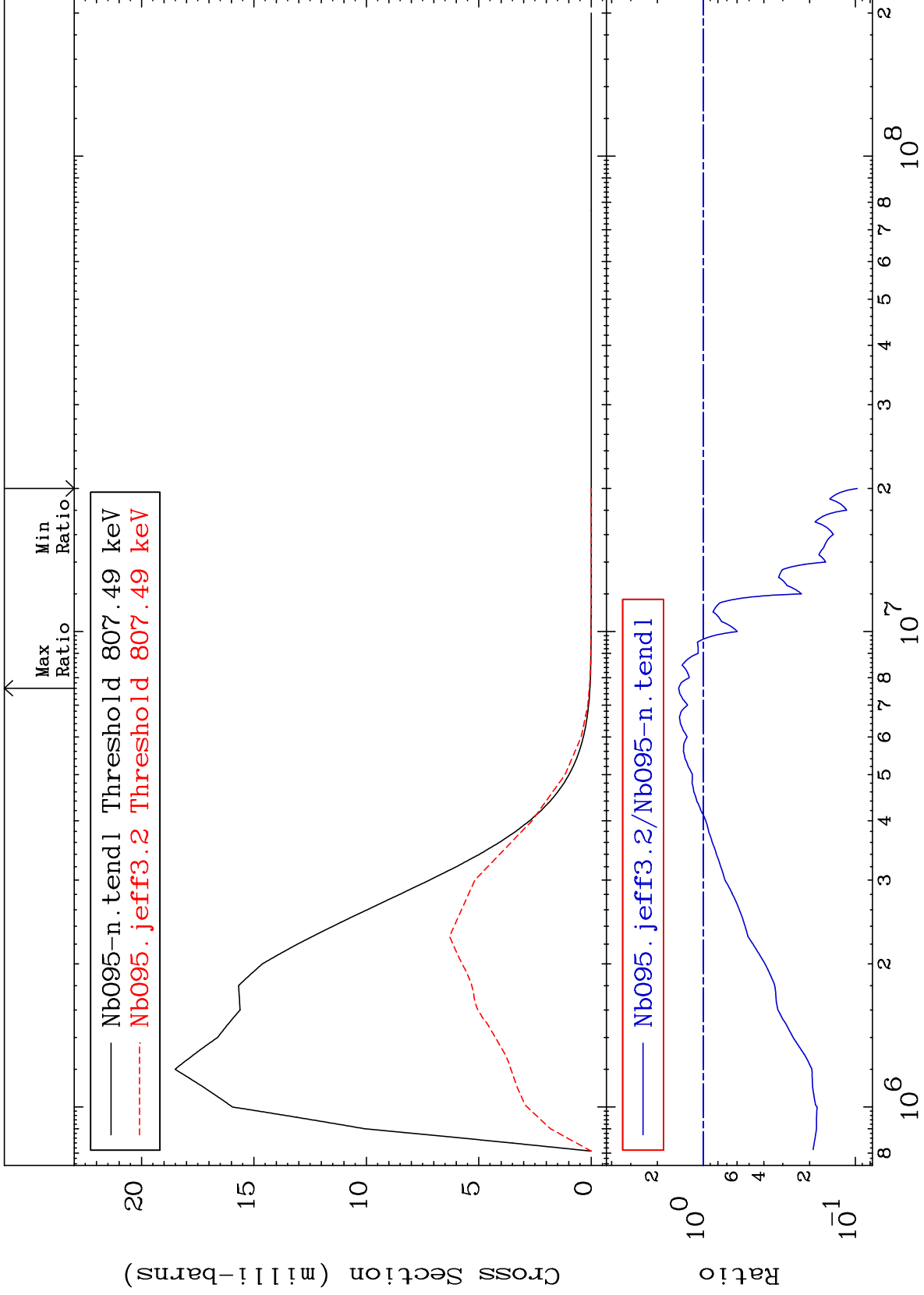
41-Nb-95  
-100.0 To 248.0 %



MAT 4131

799.0 keV (n,n') Level  
Cross Section

41-Nb-95  
-90.28 To 45.13 %



14

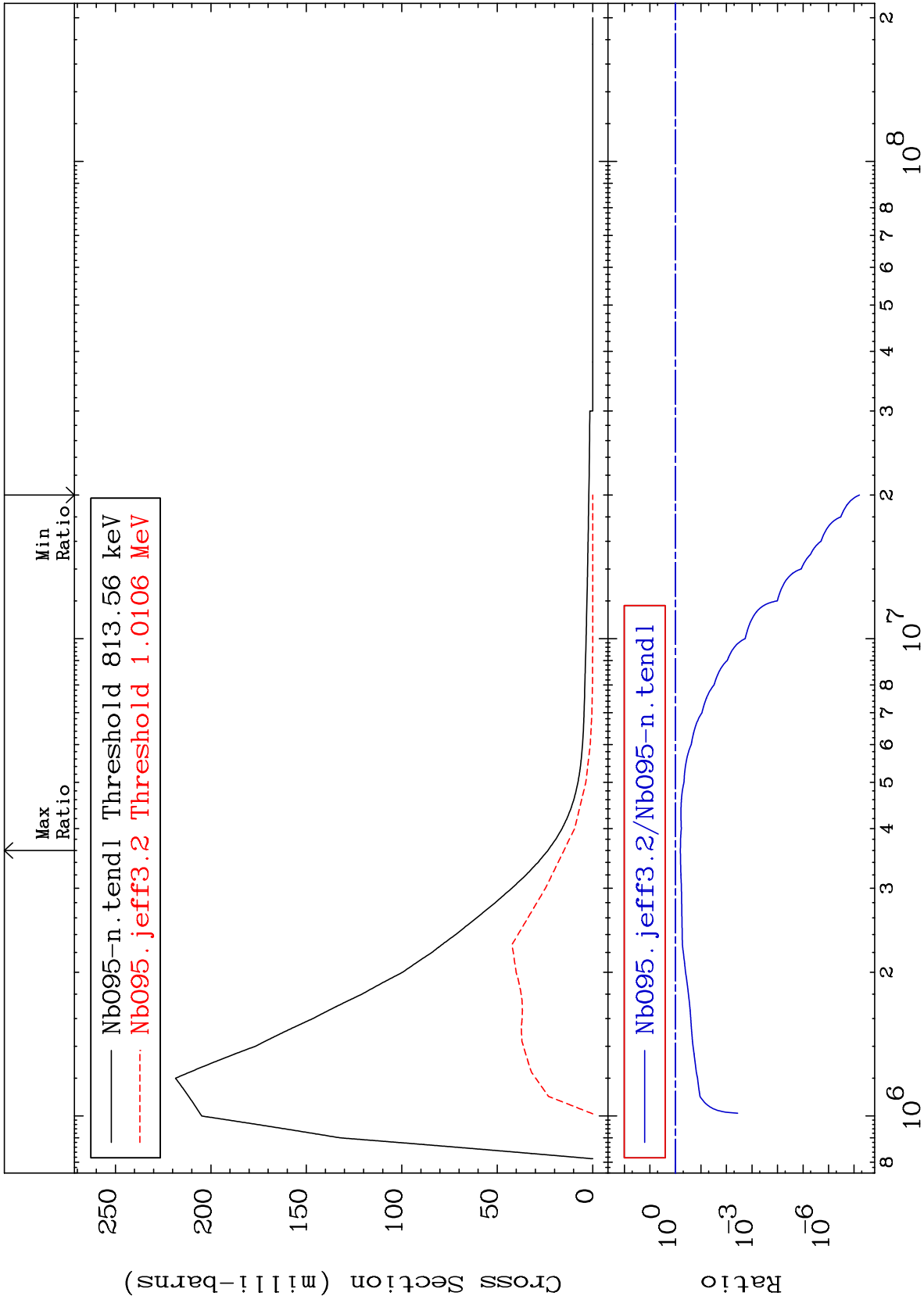
Incident Energy (eV)

41-Nb-95

MAT 4131

805.0 keV (n,n') Level  
Cross Section

41-Nb-95  
-100.0 To -35.75%



15

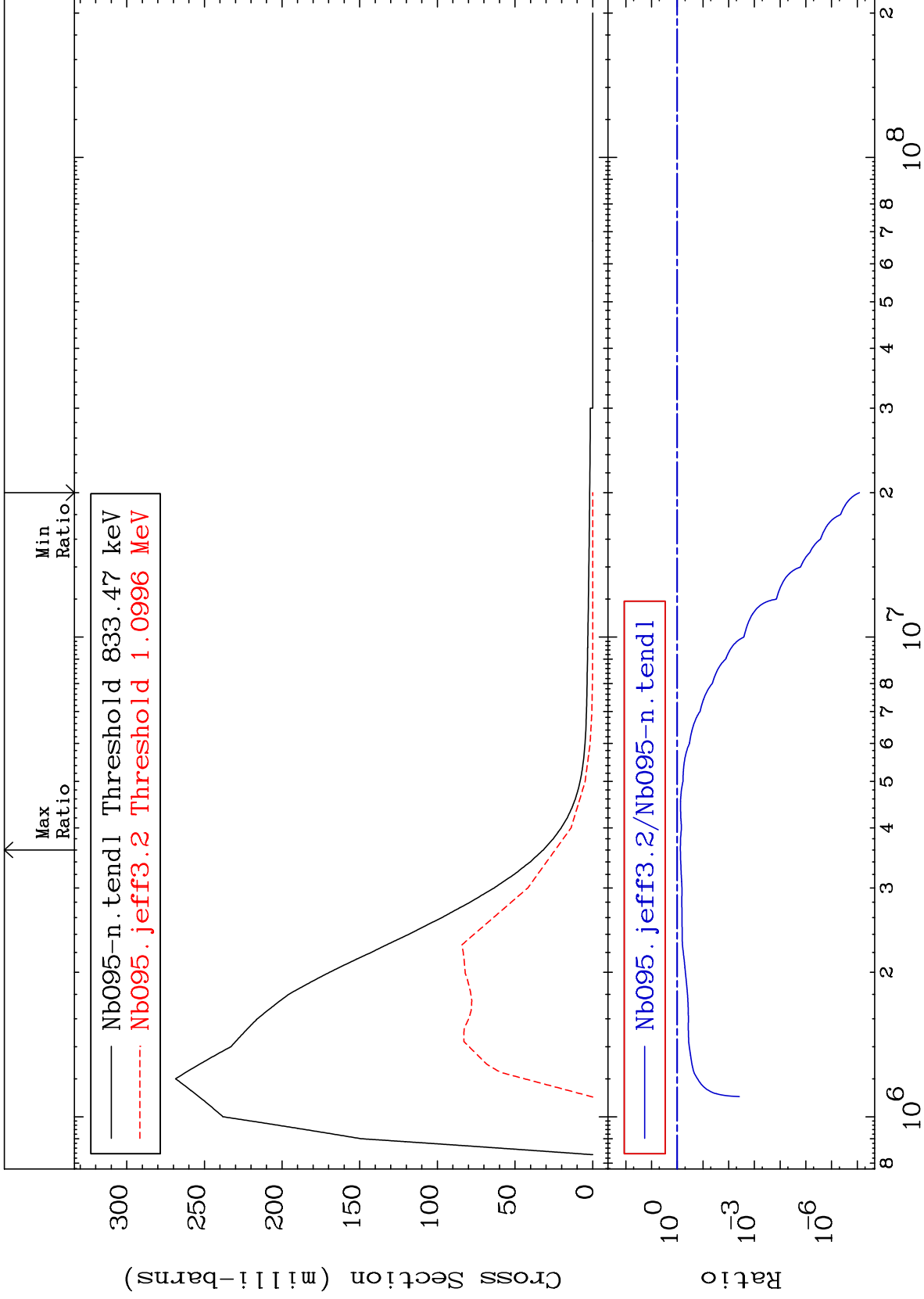
Incident Energy (eV)

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)

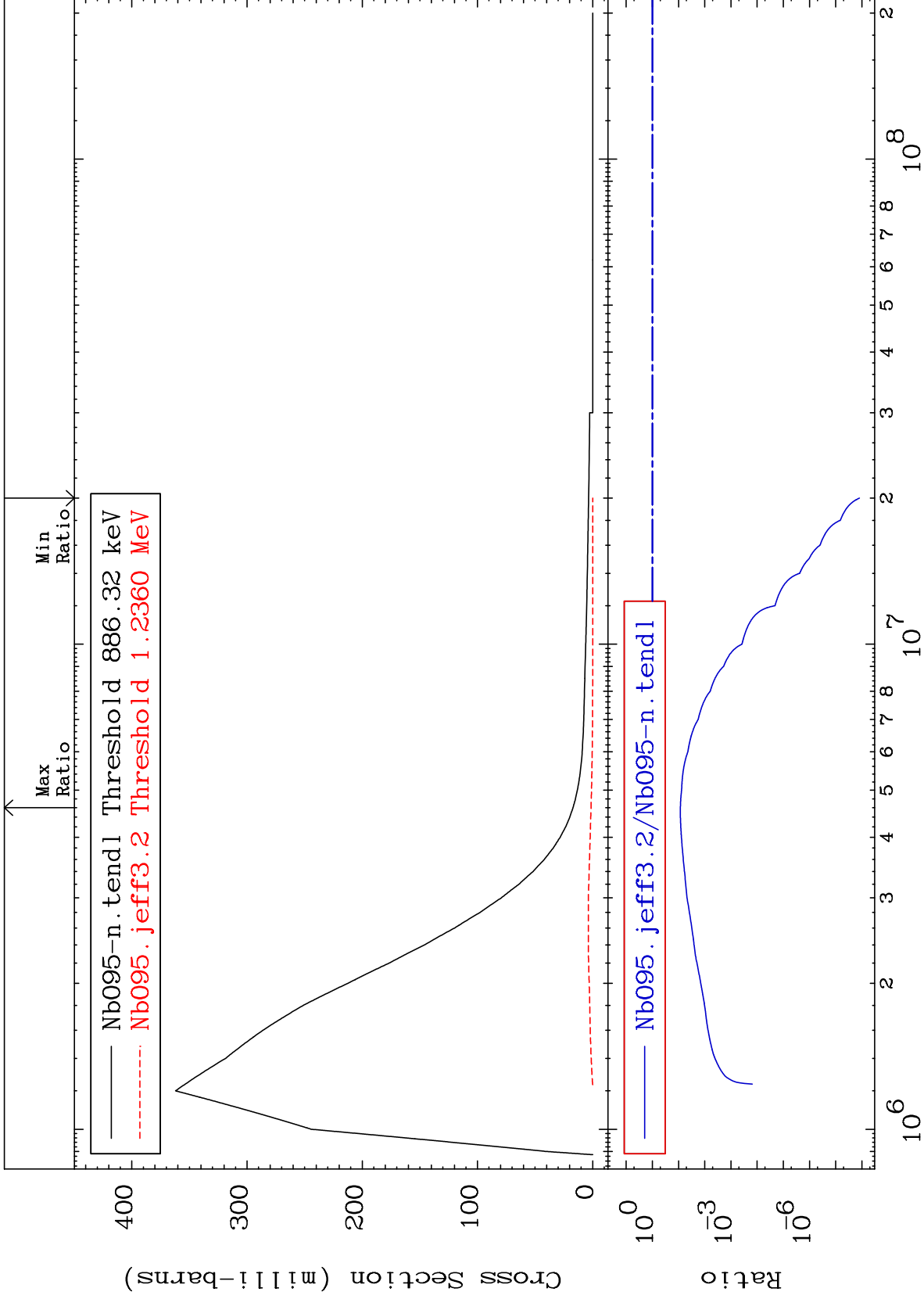
41-Nb-95



MAT 4131

877.0 keV (n,n') Level  
Cross Section

41-Nb-95  
-100.0 To -91.46%



17

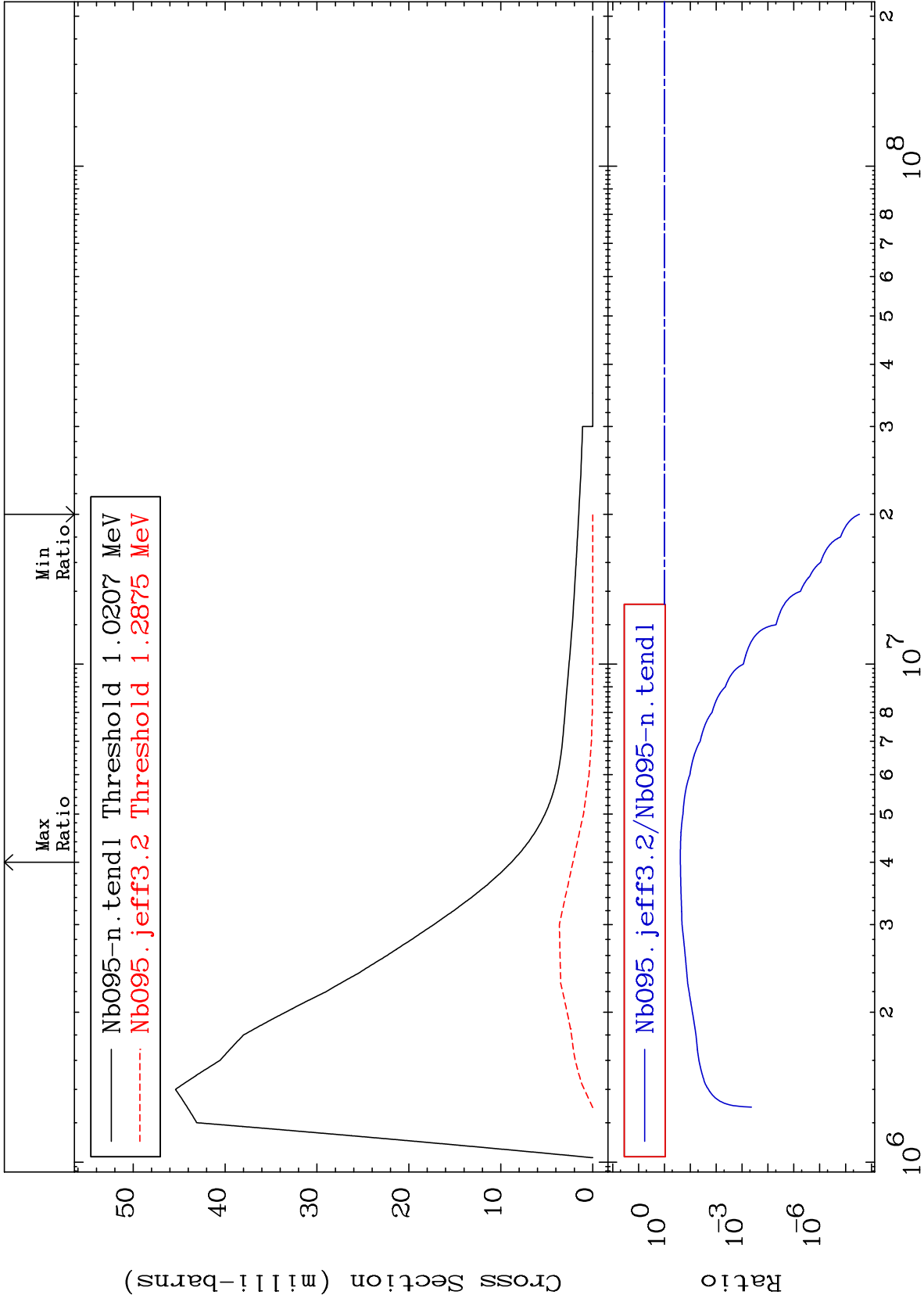
Incident Energy (eV)

41-Nb-95

MAT 4131

1.010 MeV (n,n') Level  
Cross Section

41-Nb-95  
-100.0 To -75.67%



18

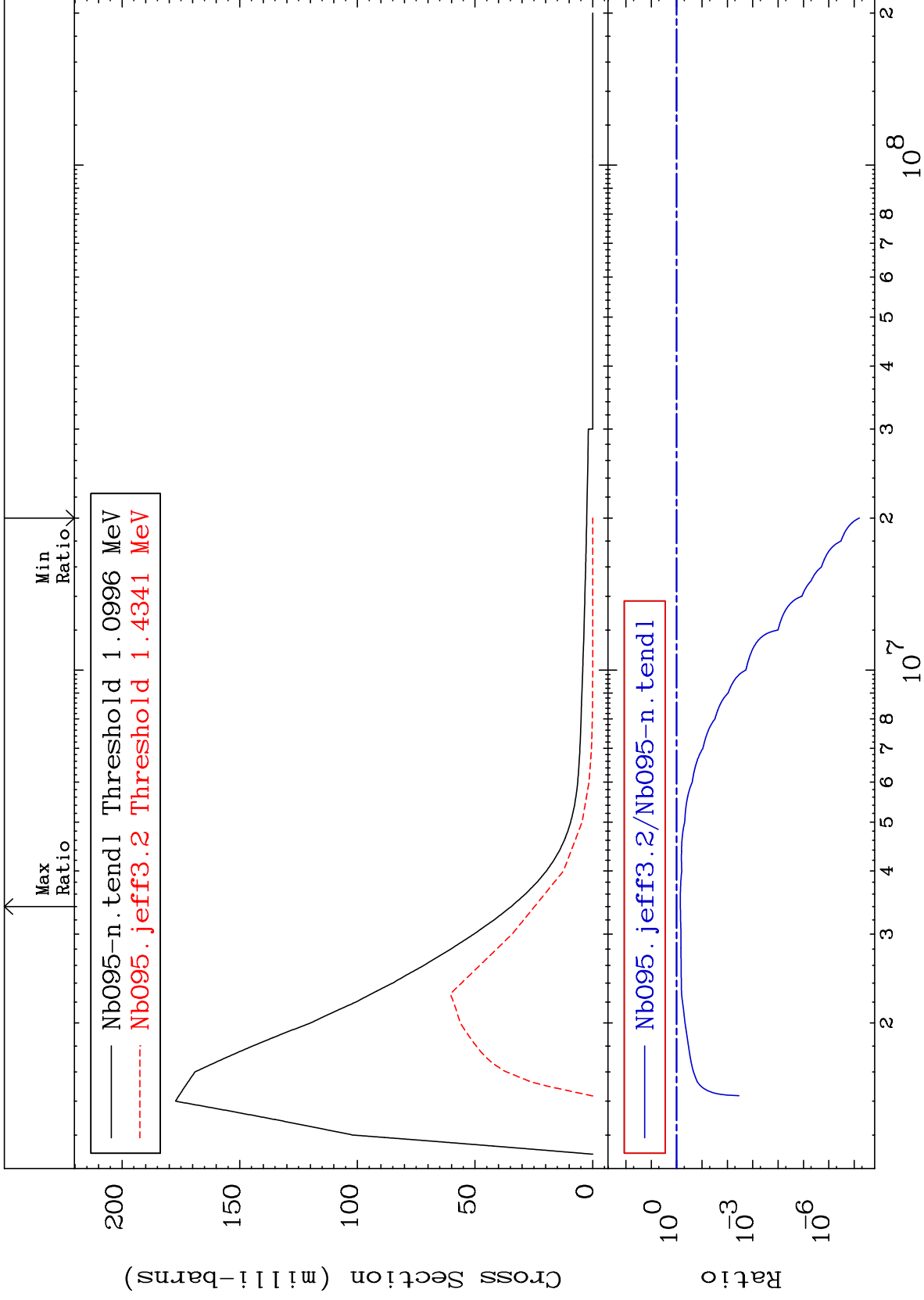
Incident Energy (eV)

41-Nb-95

MAT 4131

1.088 MeV (n,n') Level  
Cross Section

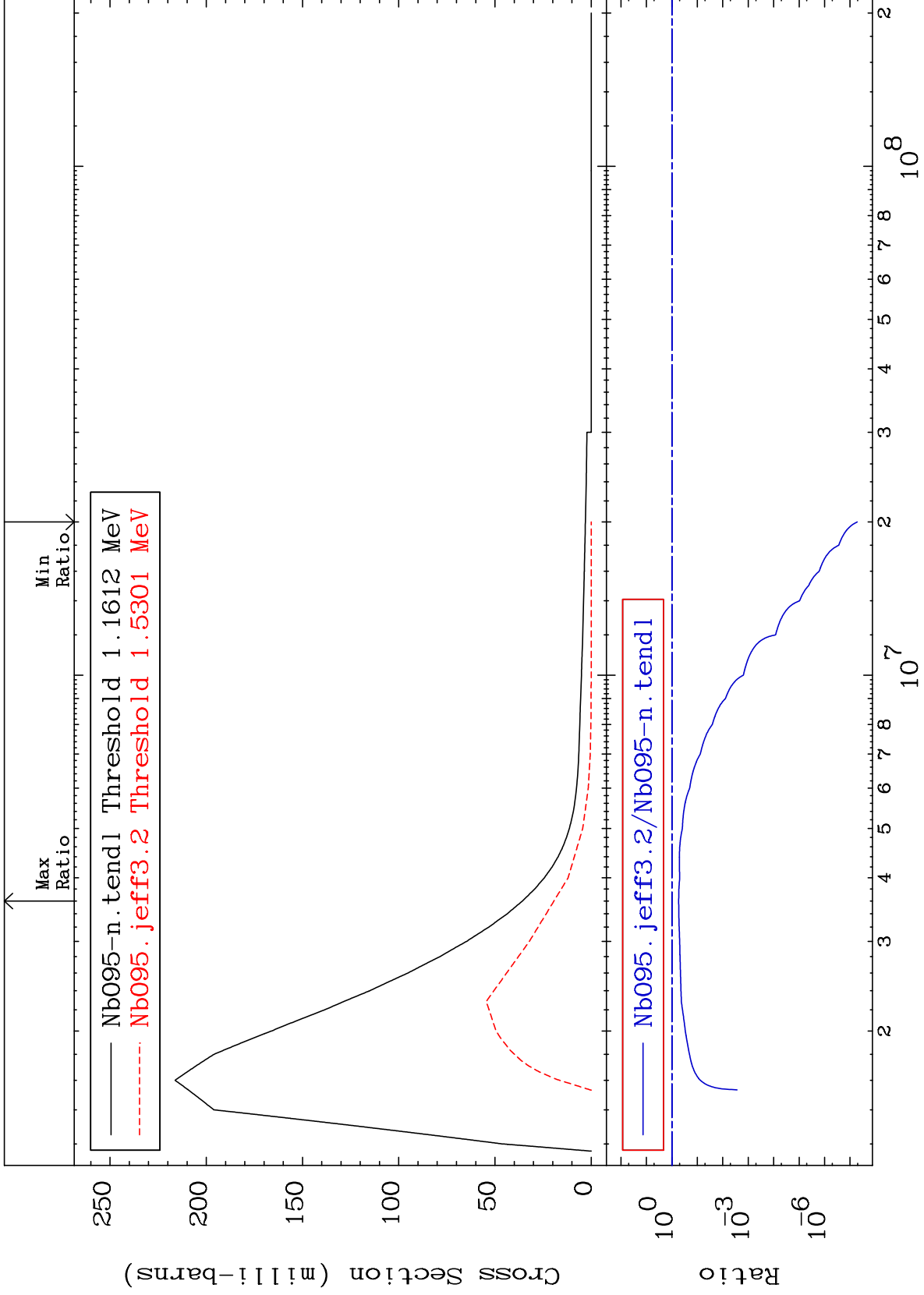
41-Nb-95  
-100.0 To -28.58%



MAT 4131

1.149 MeV (n,n') Level  
Cross Section

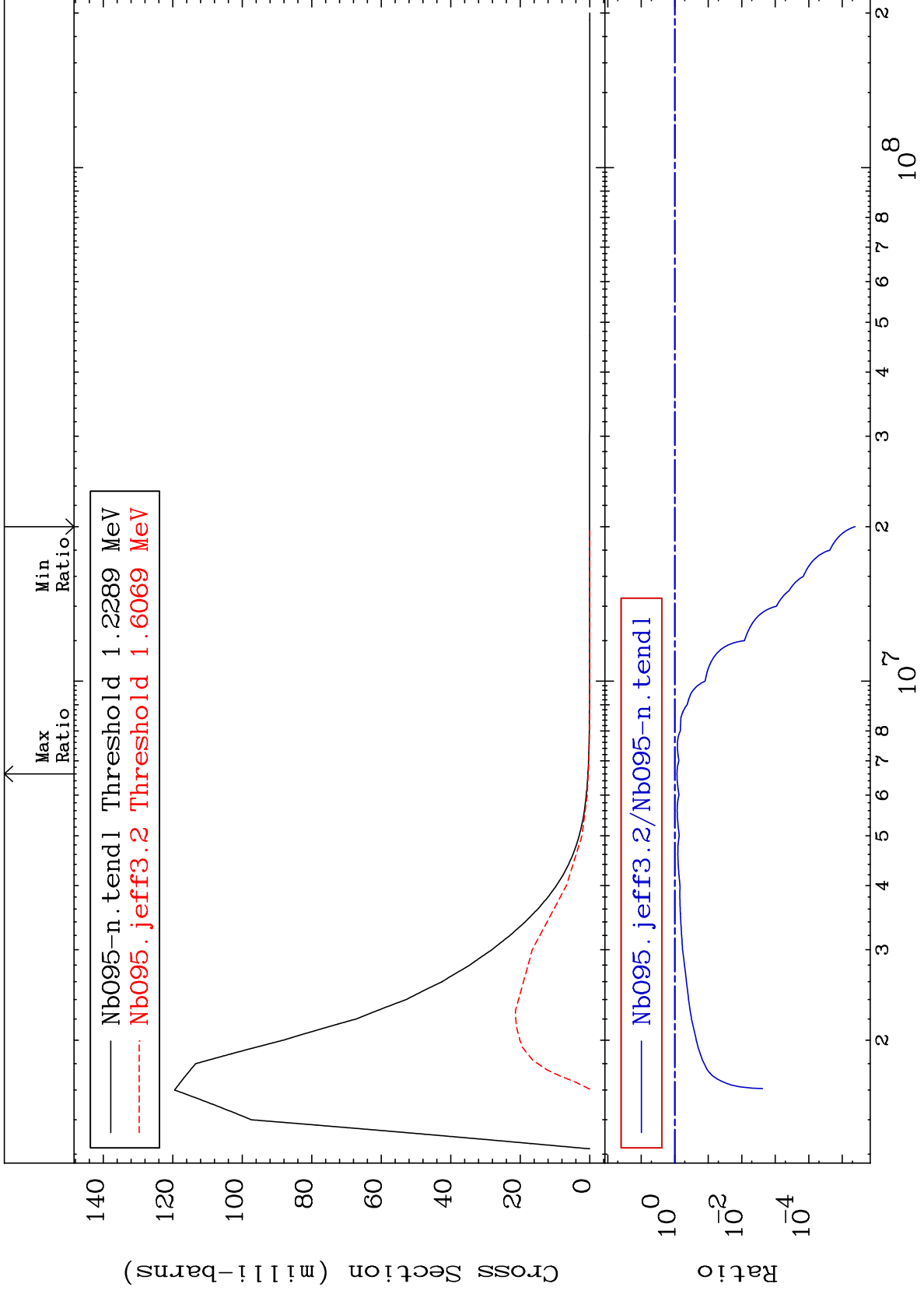
41-Nb-95  
-100.0 To -45.75%



MAT 4131

1.216 MeV (n,n') Level  
Cross Section

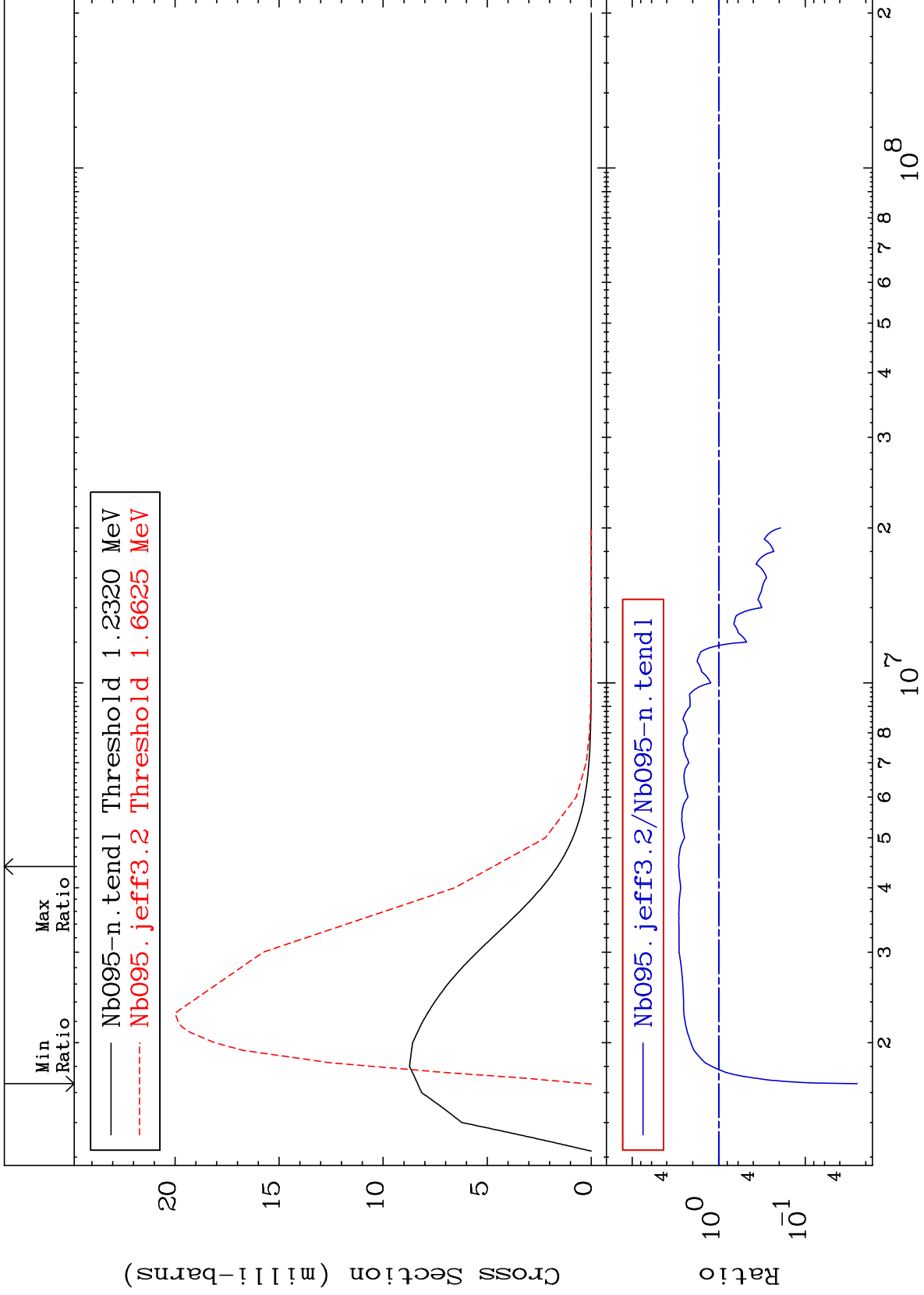
41-Nb-95  
-100.0 To -13.87%

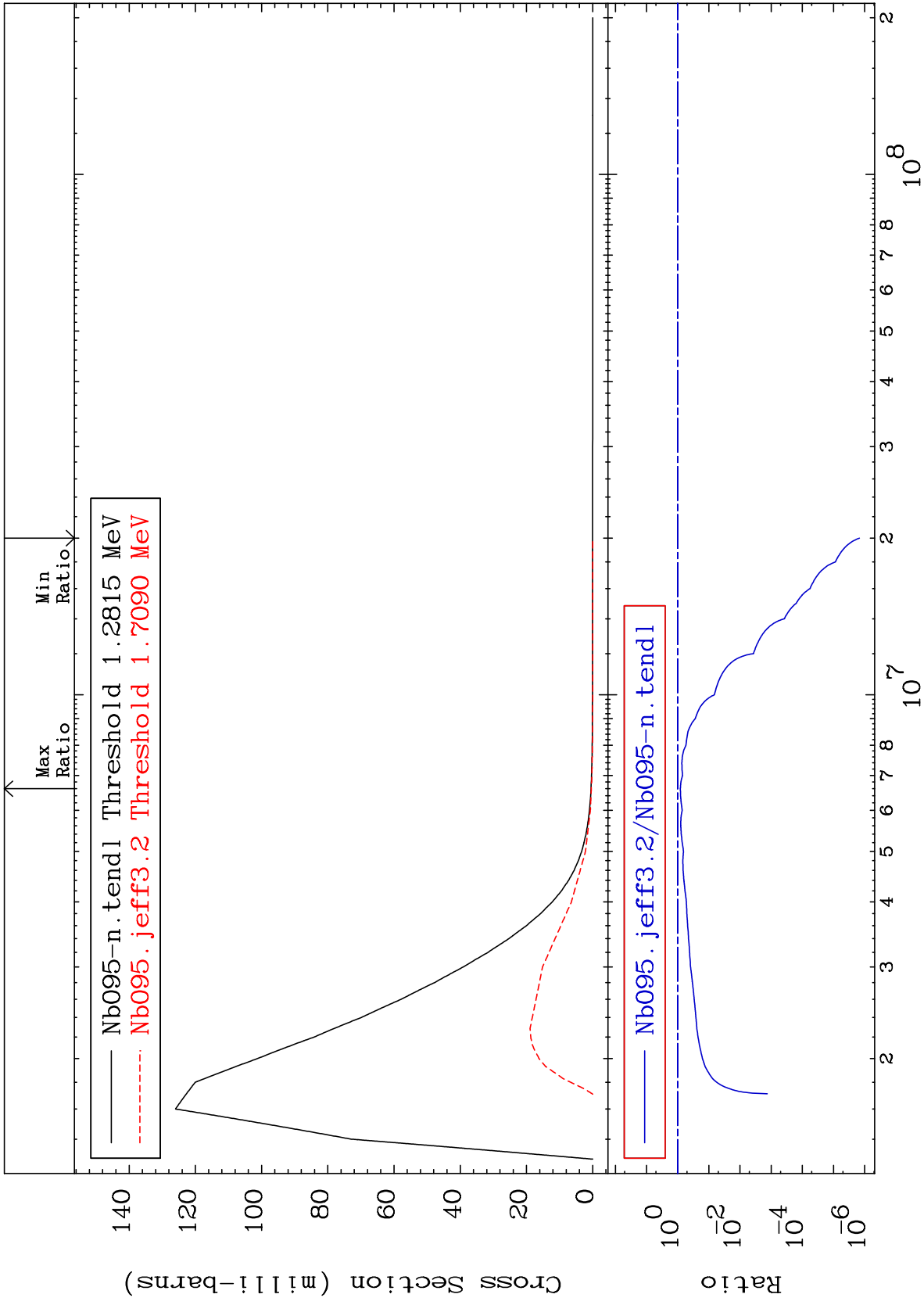


MAT 4131

1.219 MeV (n,n') Level  
Cross Section

41-Nb-95  
-97.49 To 191.3 %

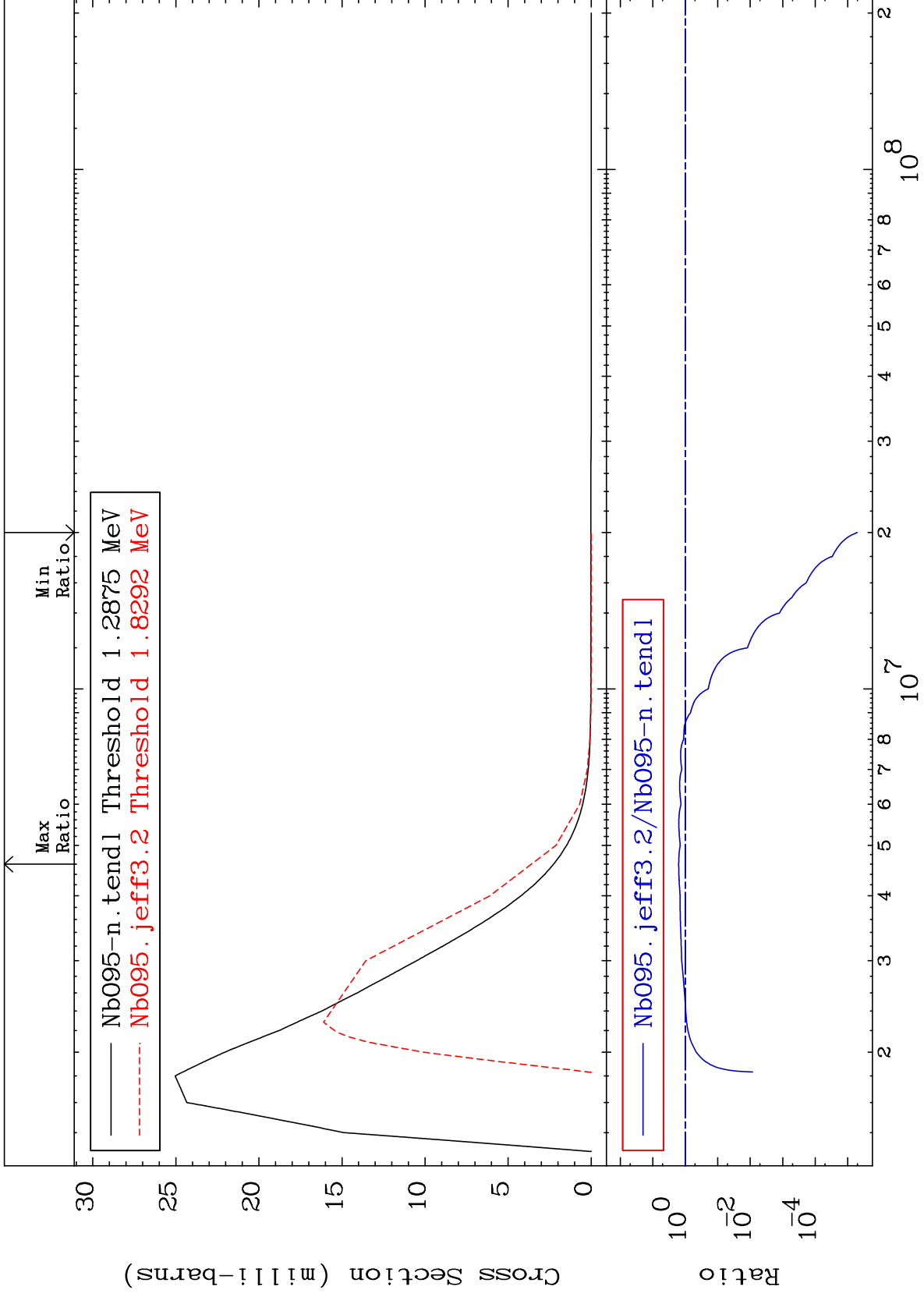




MAT 4131

1.274 MeV (n,n') Level  
Cross Section

41-Nb-95  
-100.0 To 59.58 %



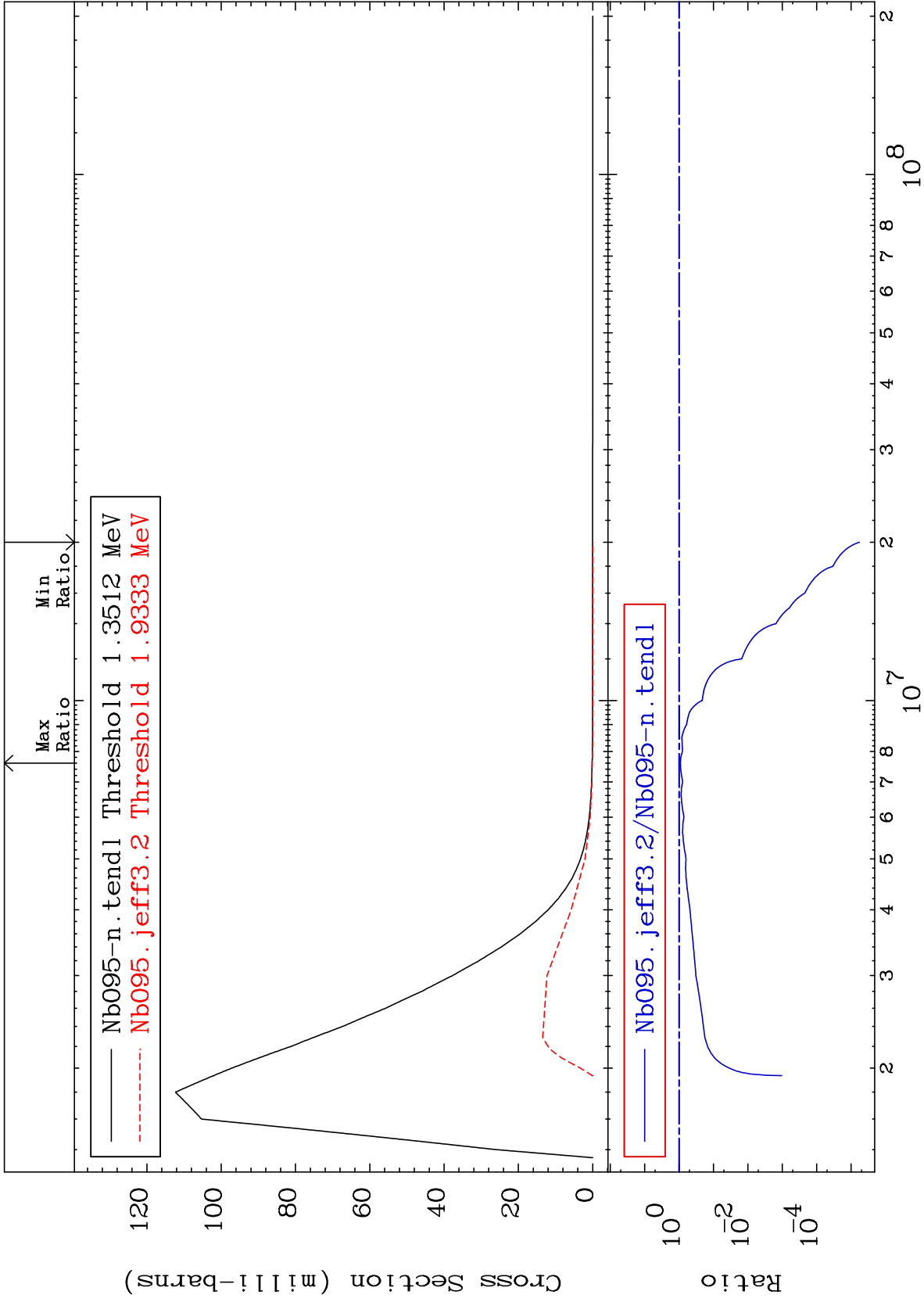


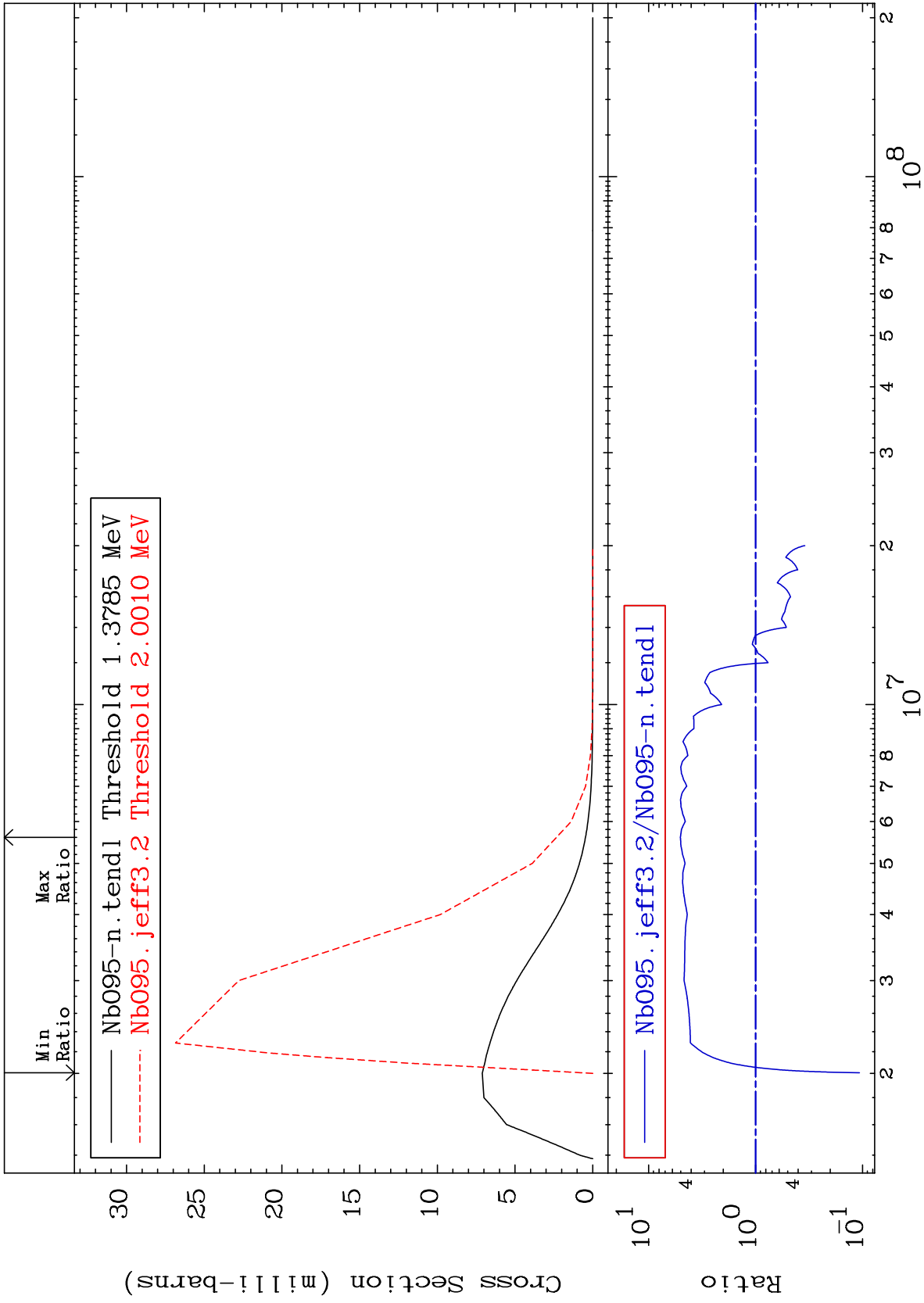
MAT 4131

1.337 MeV (n,n') Level

41-Nb-95

-100.0 To -8.034%

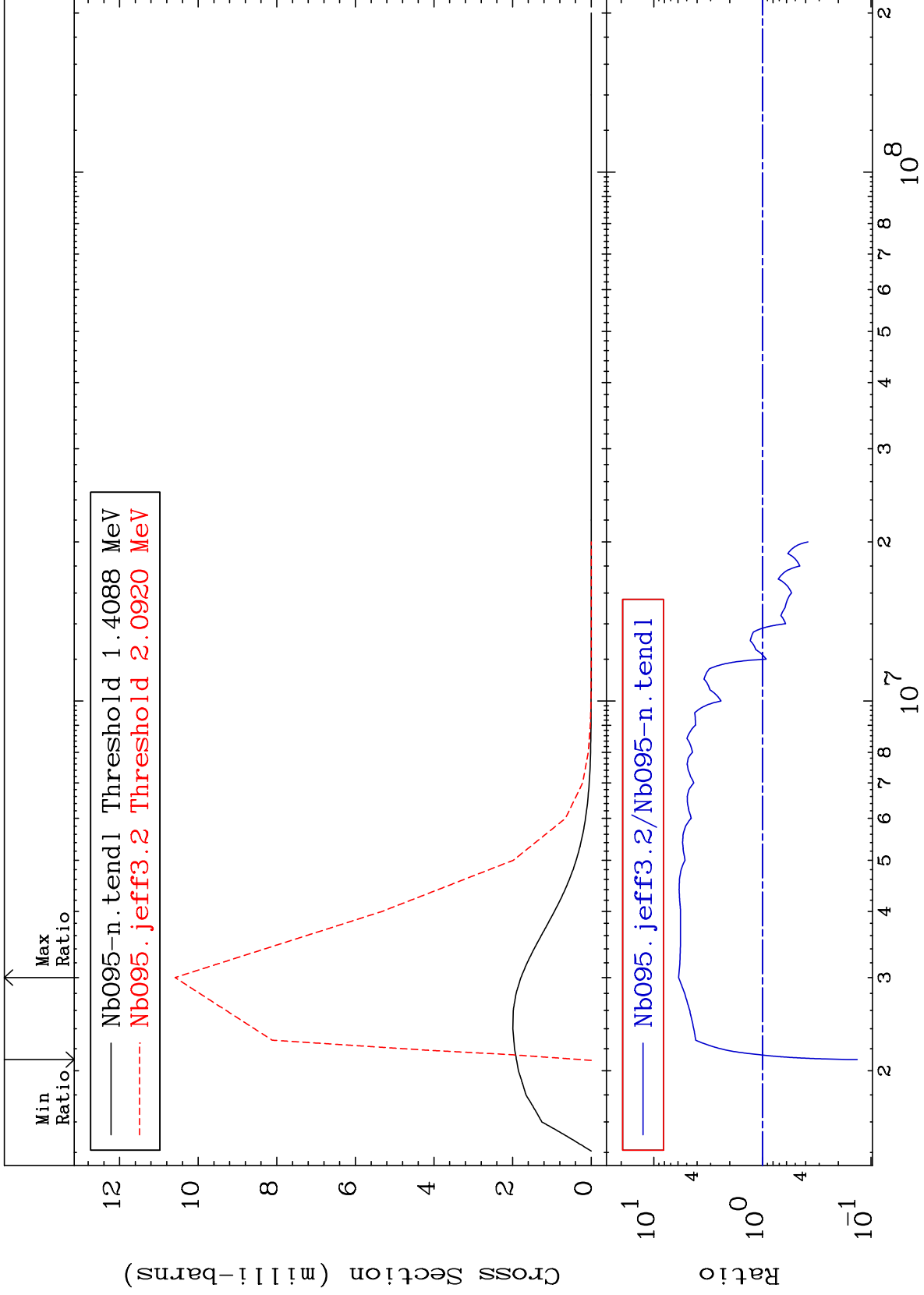




MAT 4131

1.394 MeV (n,n') Level  
Cross Section

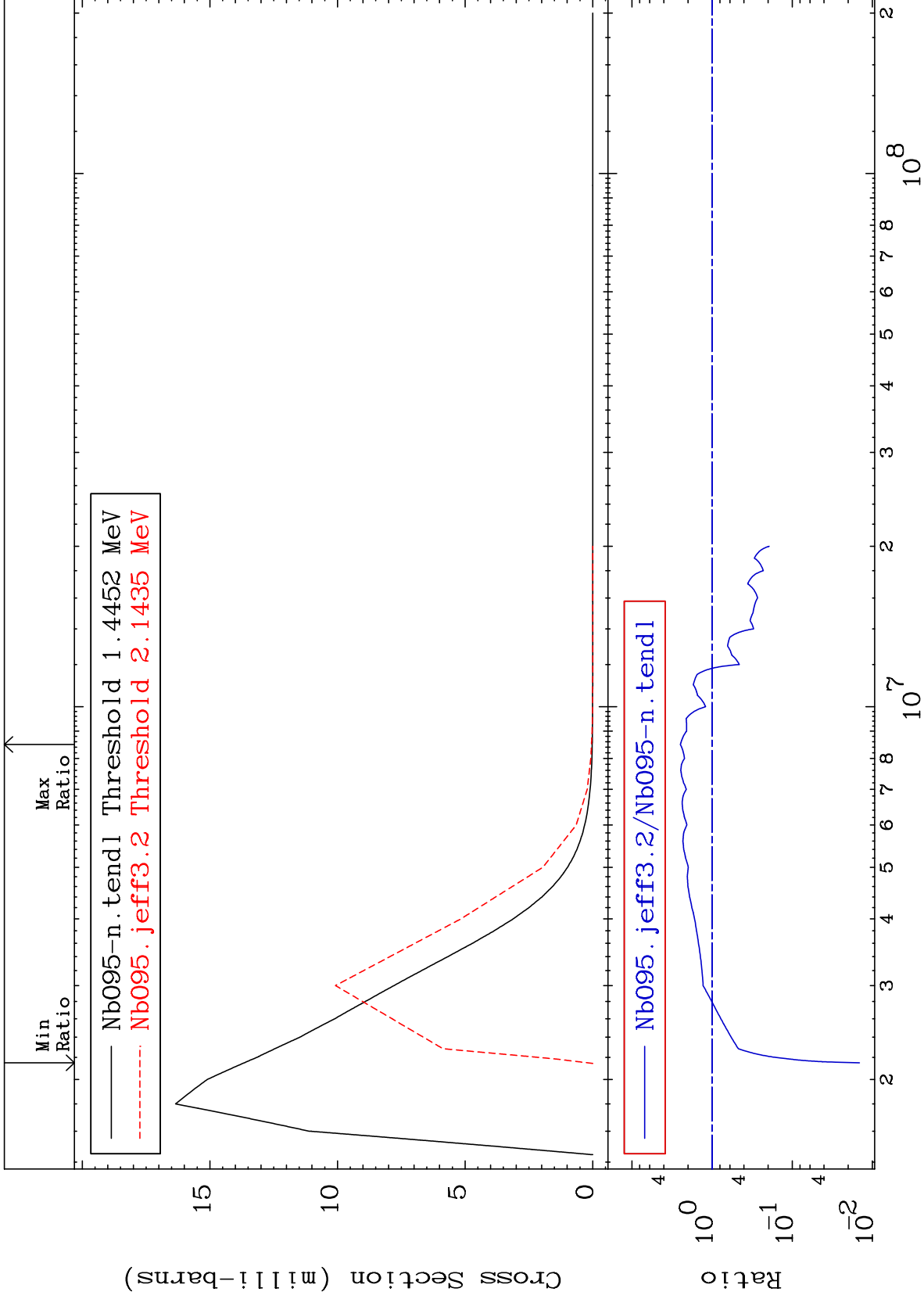
41-Nb-95  
-86.60 To 492.3 %



MAT 4131

1.430 MeV (n,n') Level  
Cross Section

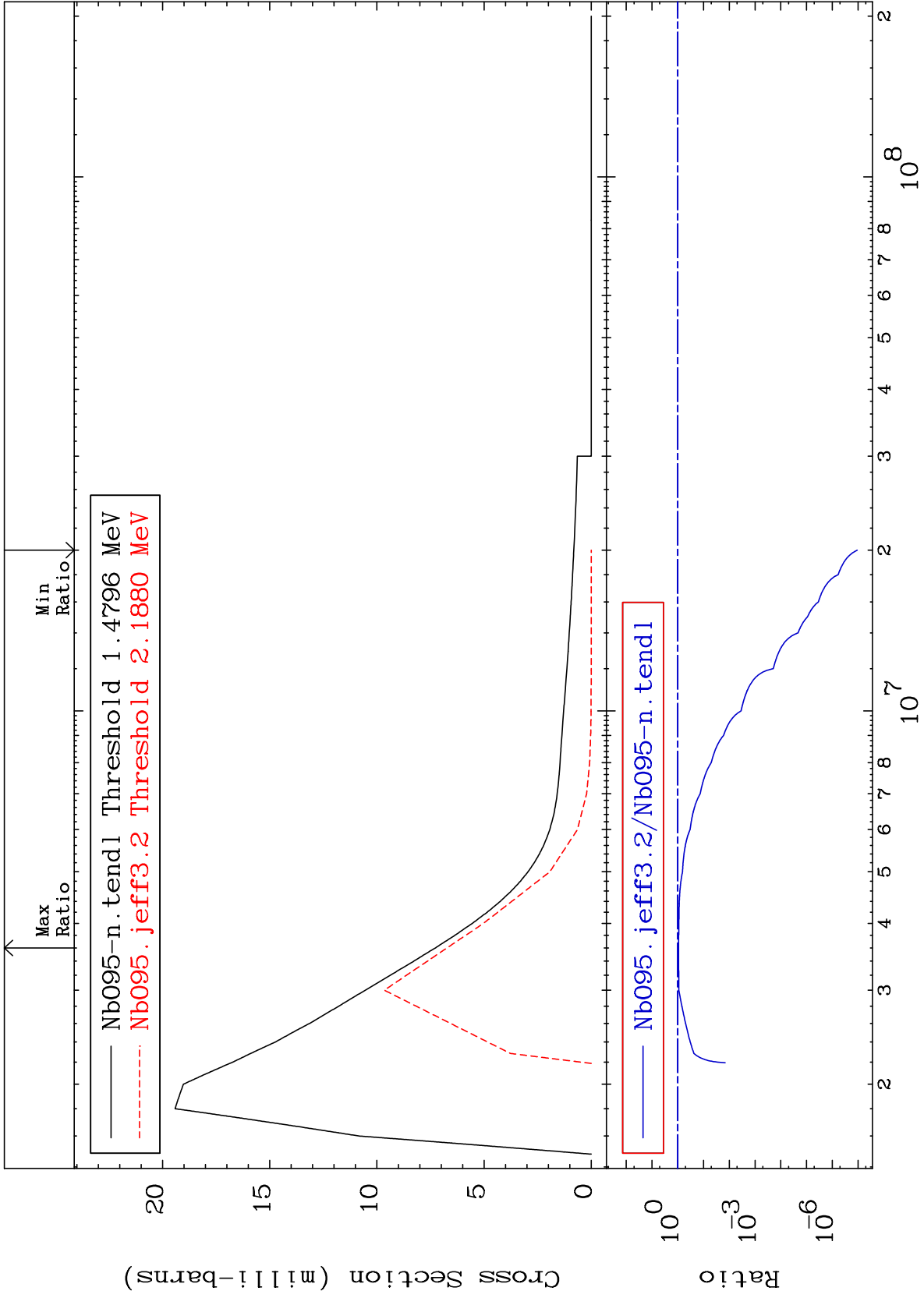
41-Nb-95  
-98.55 To 148.9 %



MAT 4131

1.464 MeV (n,n') Level  
Cross Section

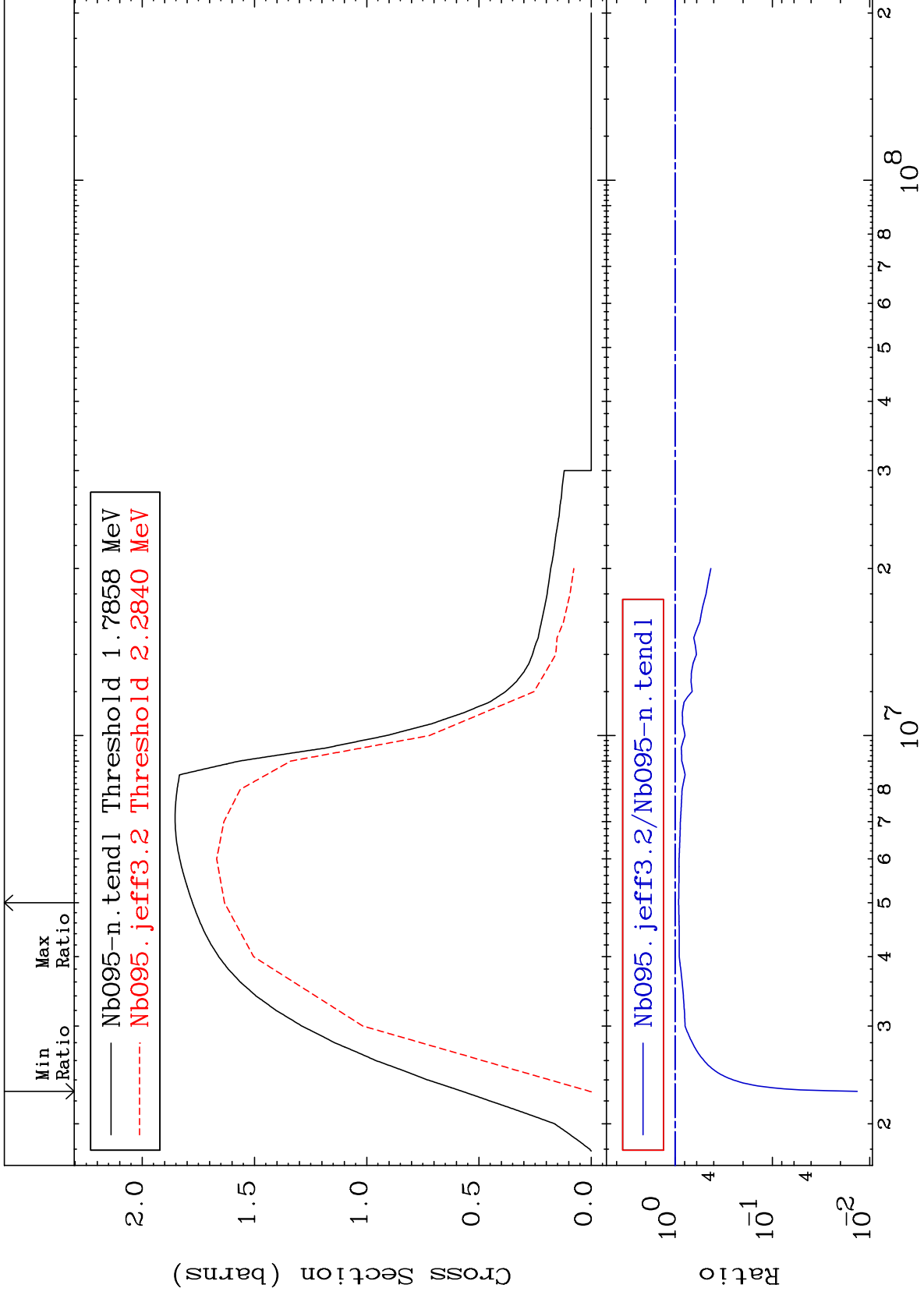
41-Nb-95  
-100.0 To -7.475%



MAT 4131

(n, n') Continuum  
Cross Section

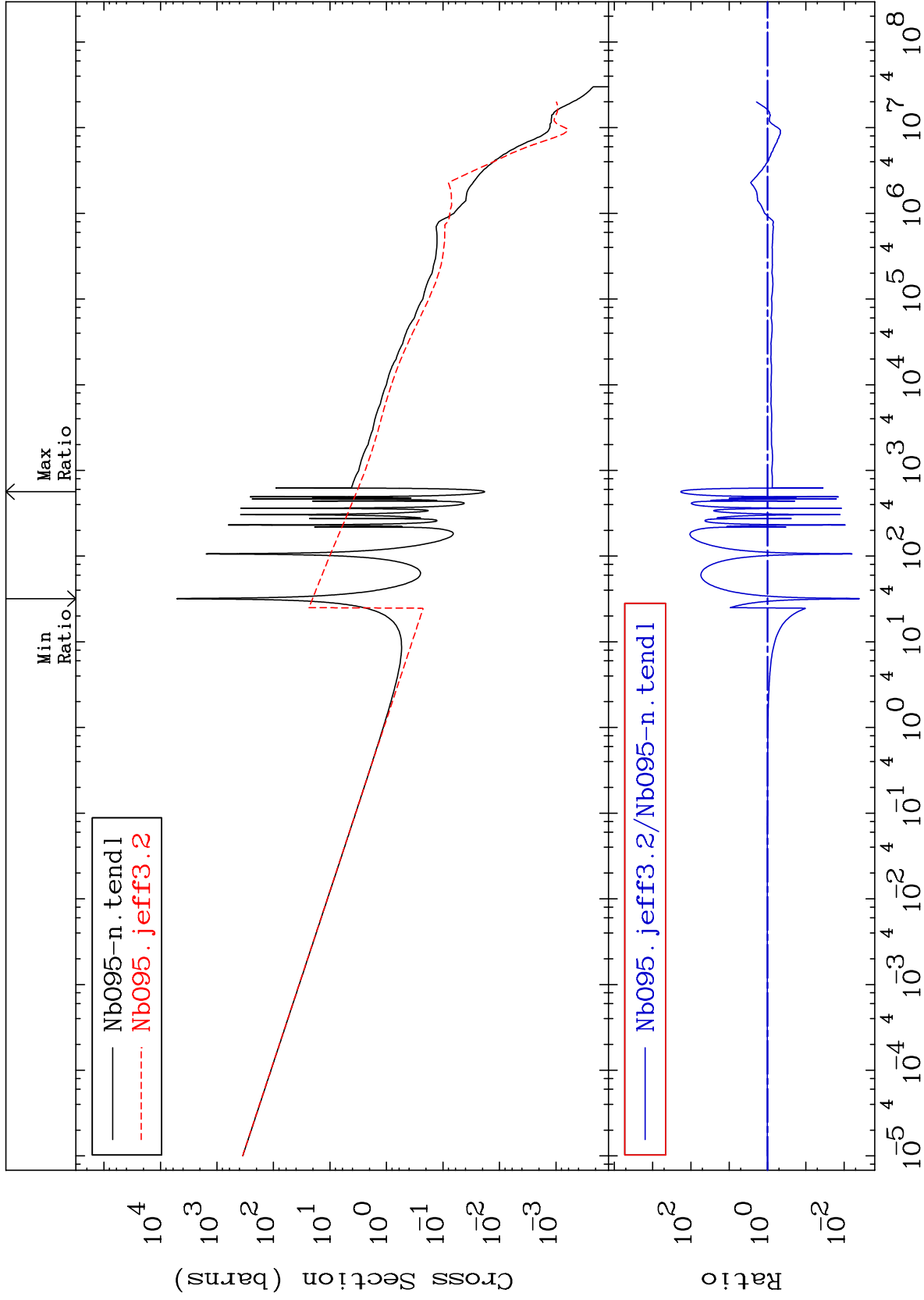
41-Nb-95  
-98.66 To -8.033%



30

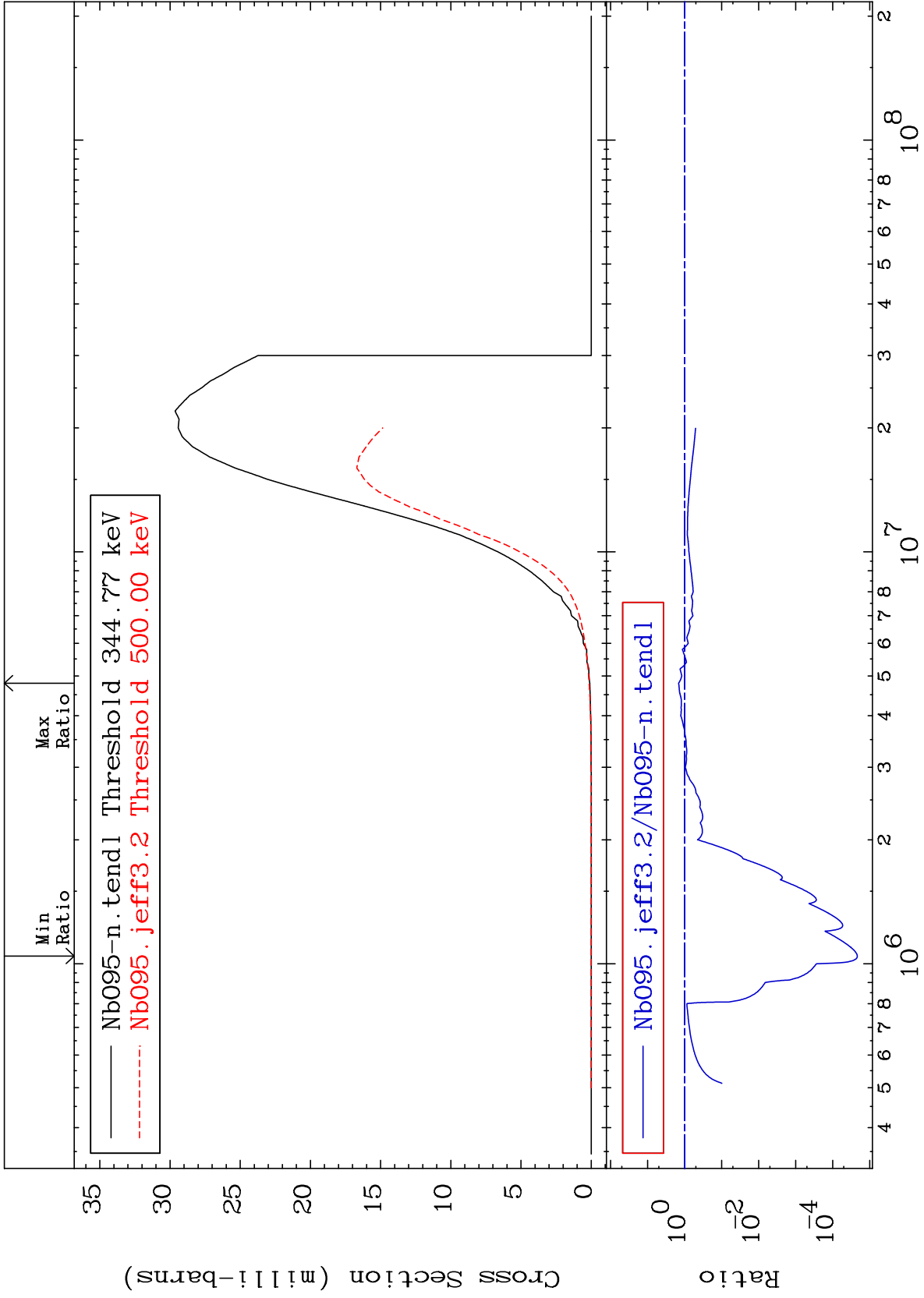
Incident Energy (eV)

41-Nb-95

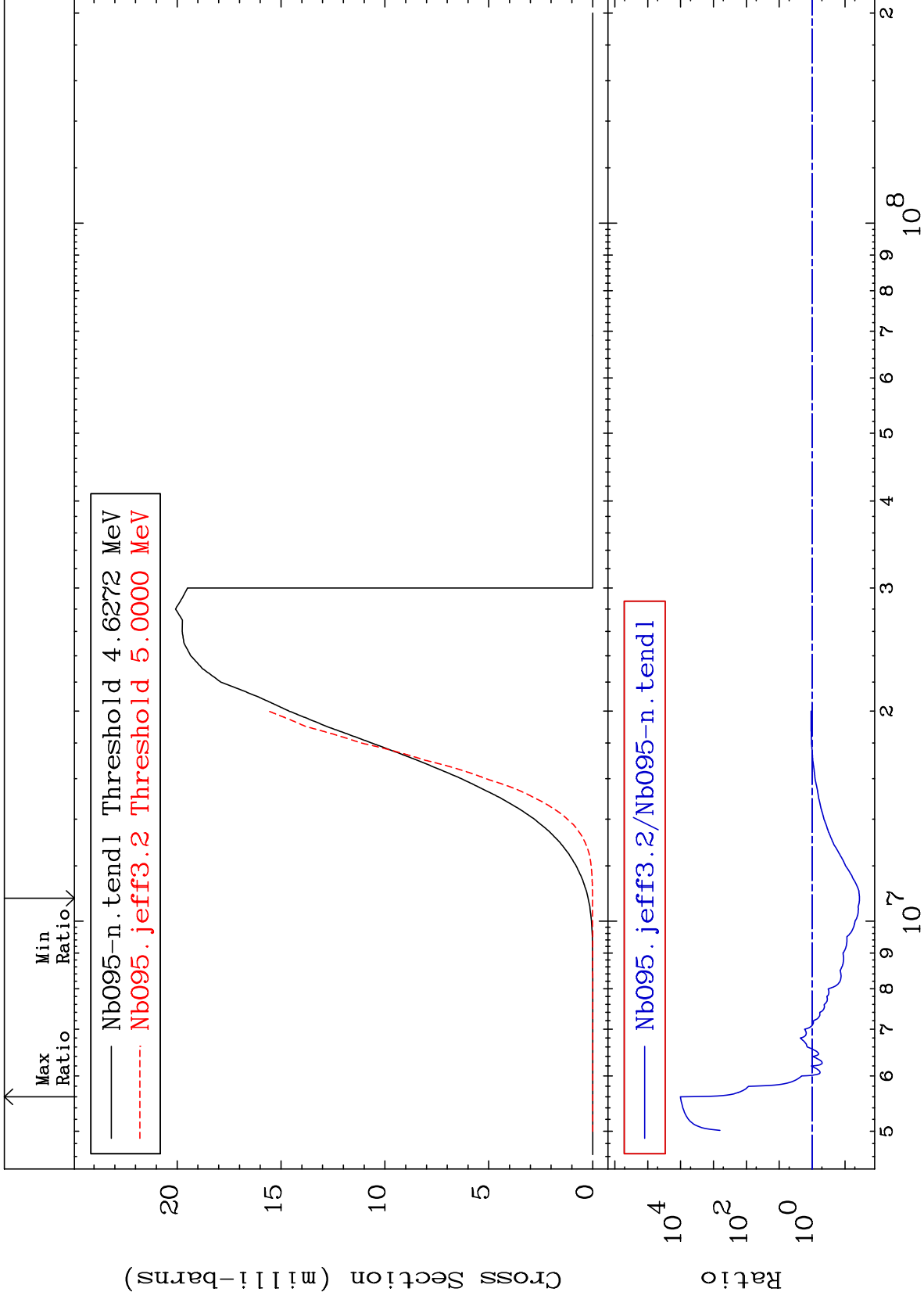


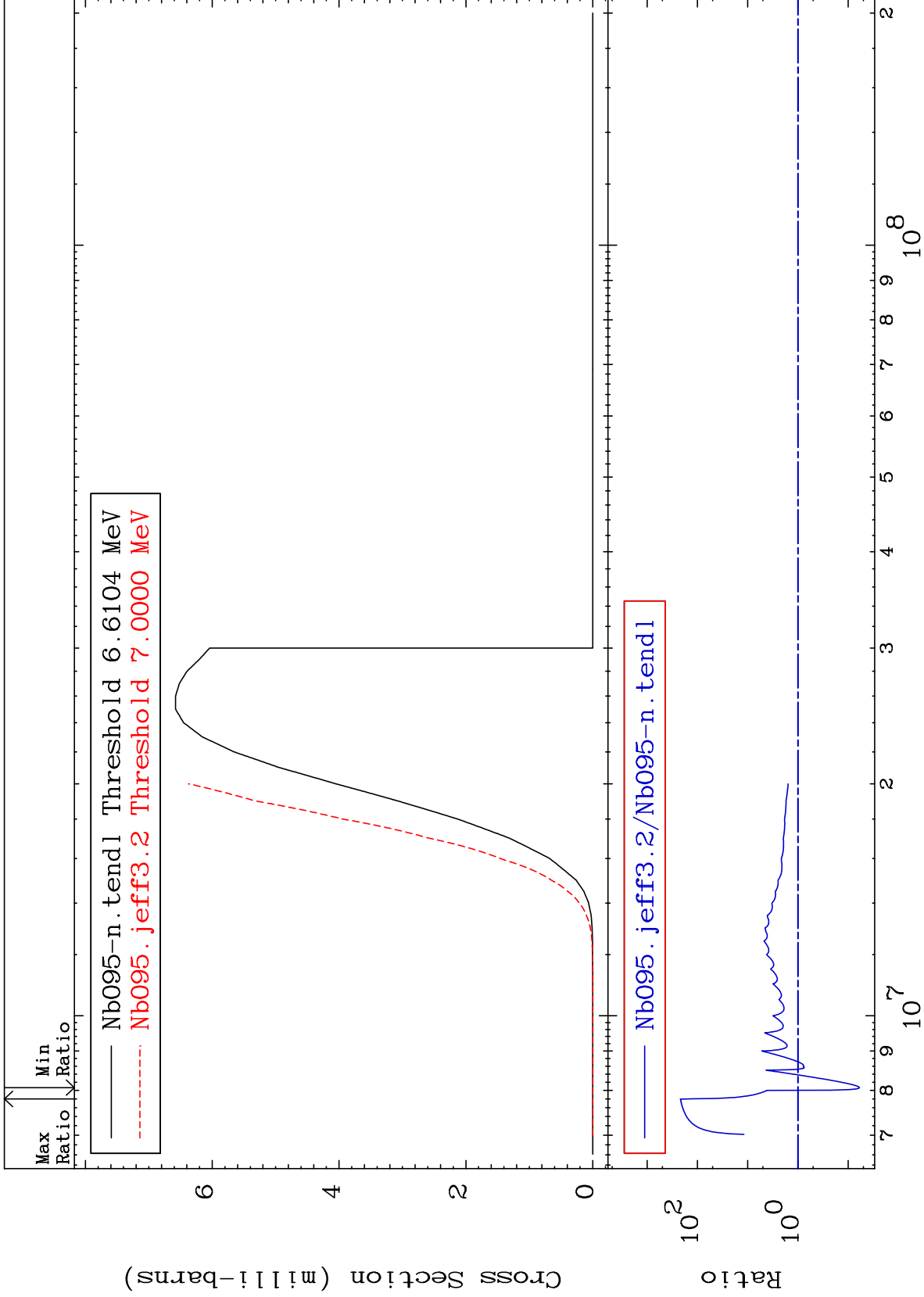
MAT 4131

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





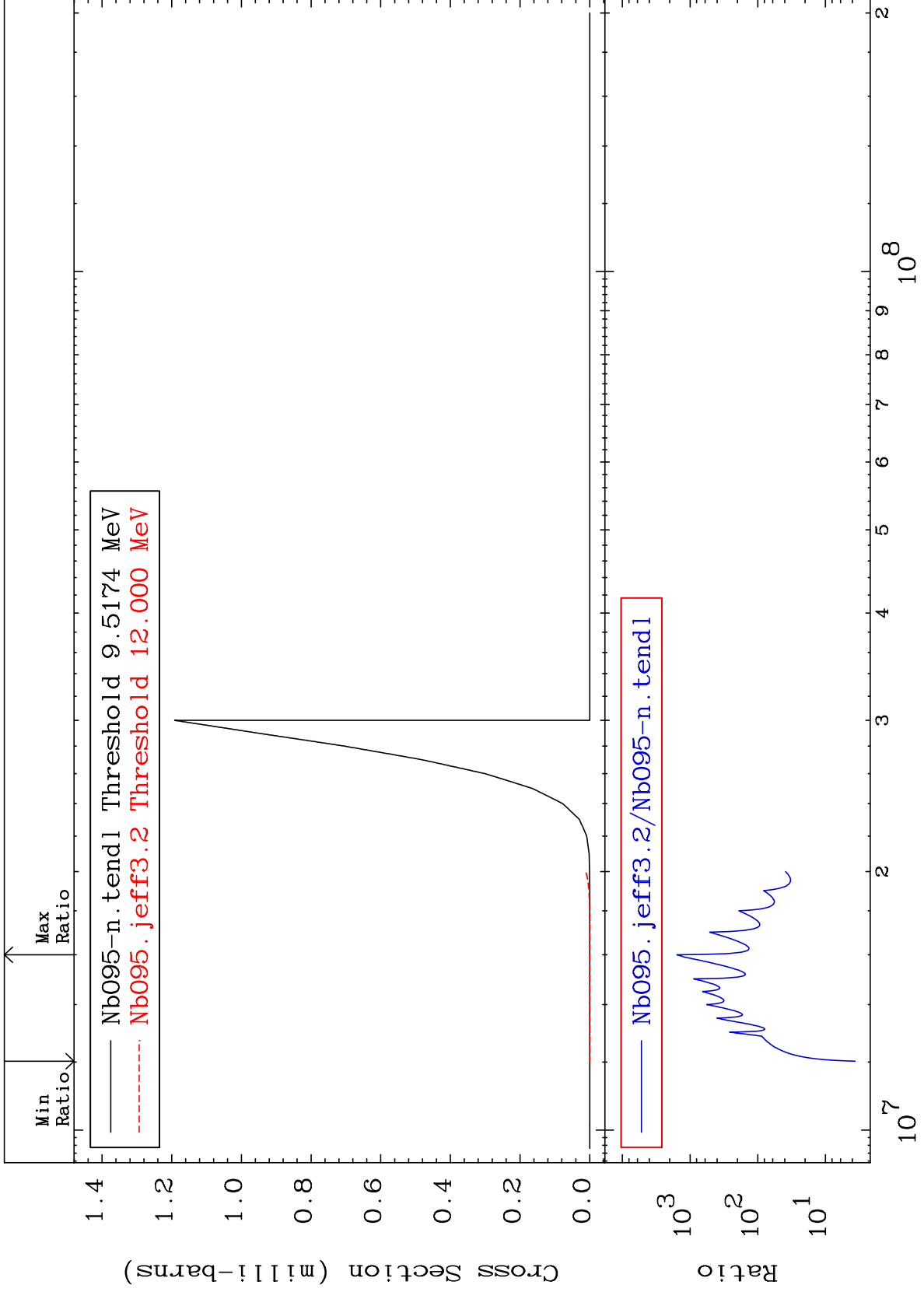




MAT 4131

(n, He-3)  
Cross Section

41-Nb-95  
265.7 To 9999. %



35

Incident Energy (eV)

41-Nb-95

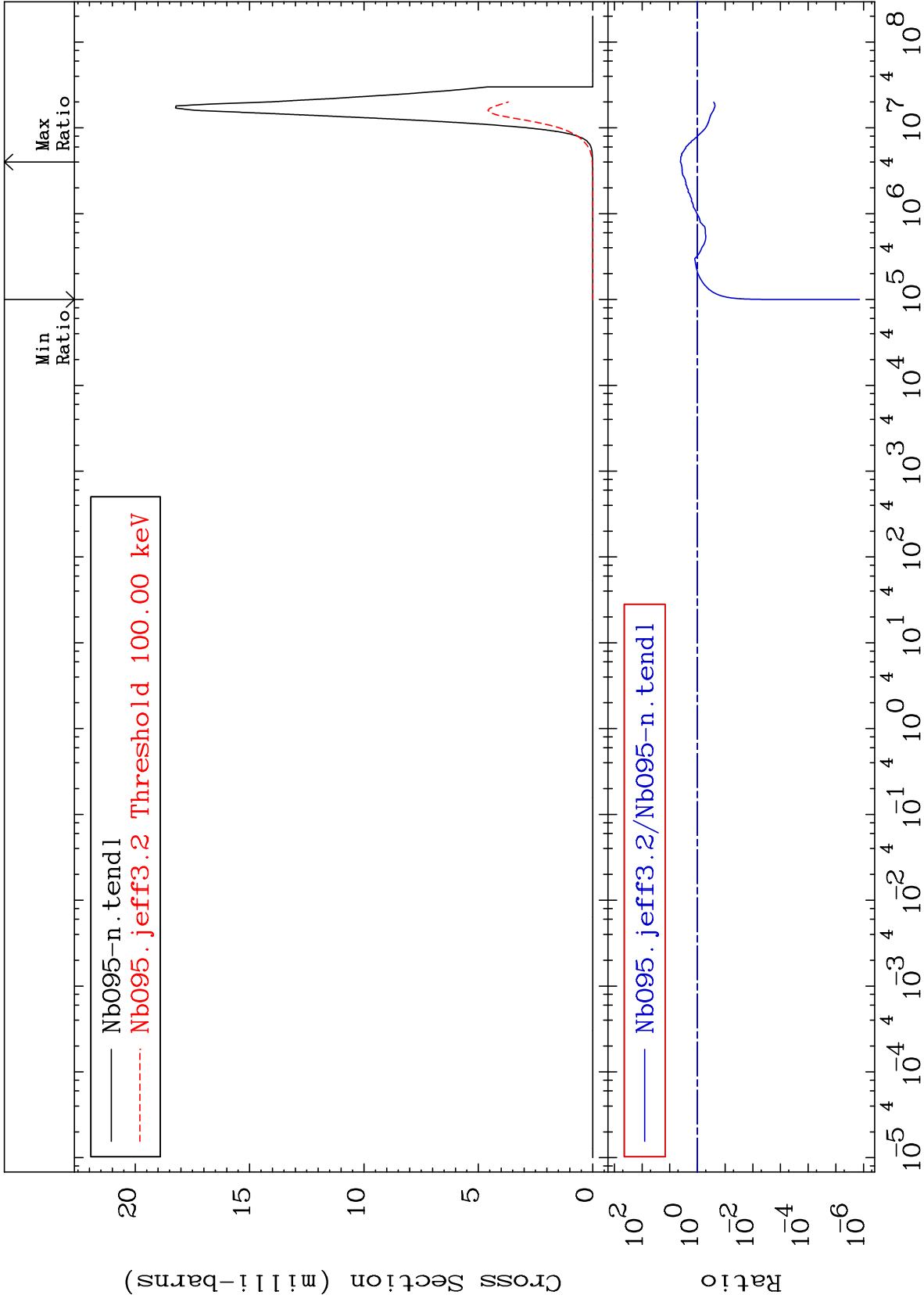
MAT 4131

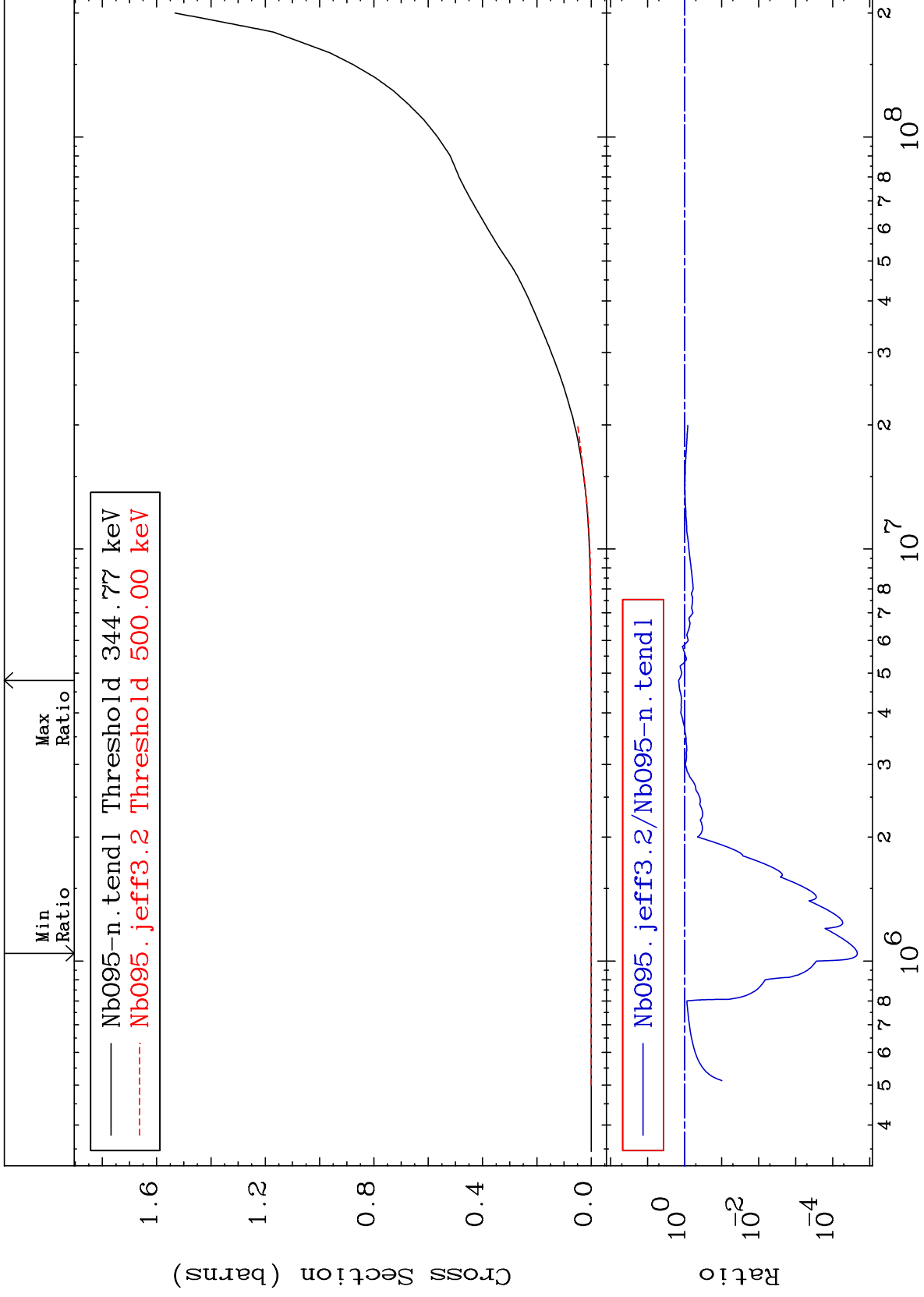
(n,  $\alpha$ )

41-Nb-95

Cross Section

-100.0 To 313.6 %

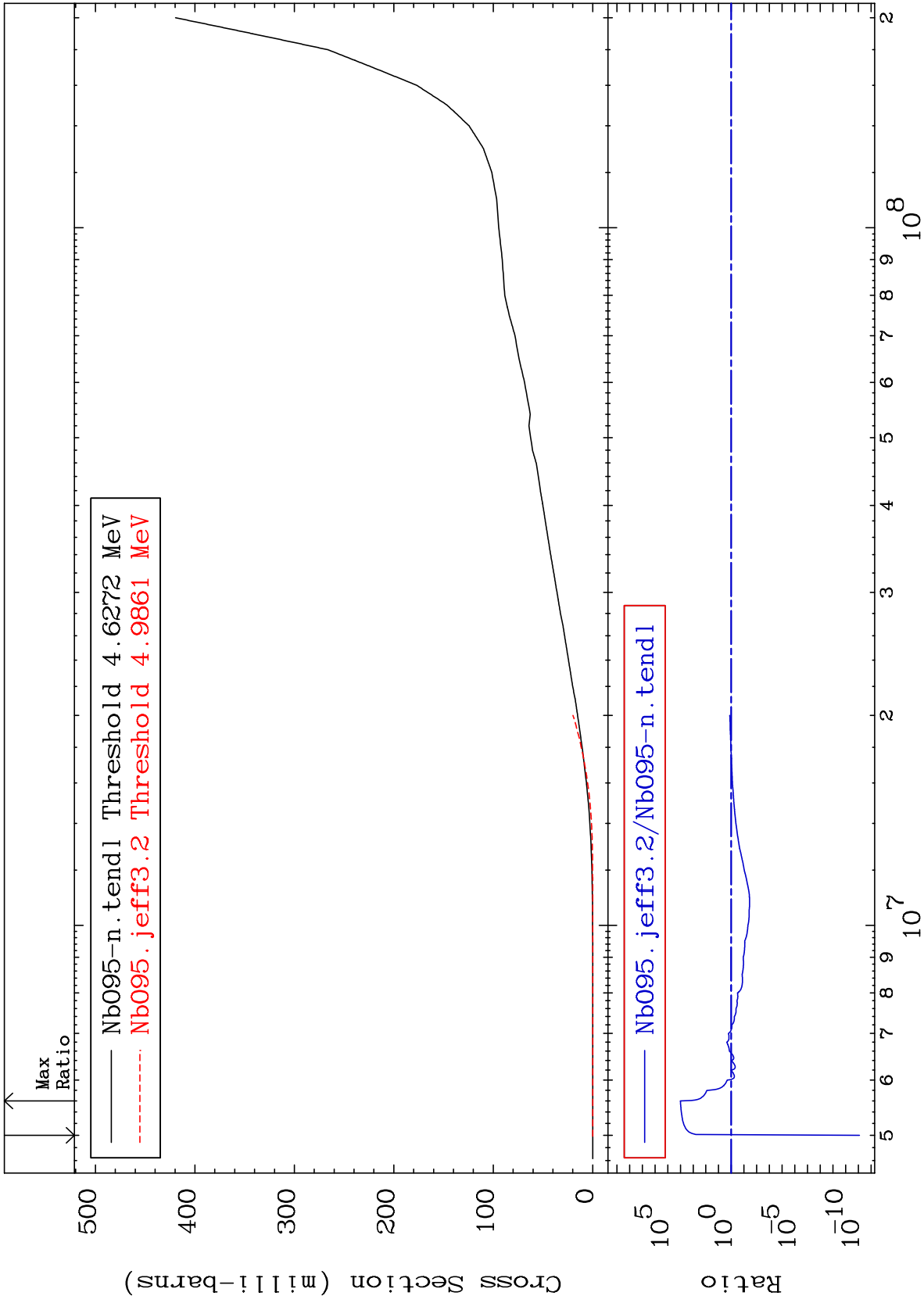




MAT 4131

### Deuterium Production Cross Section

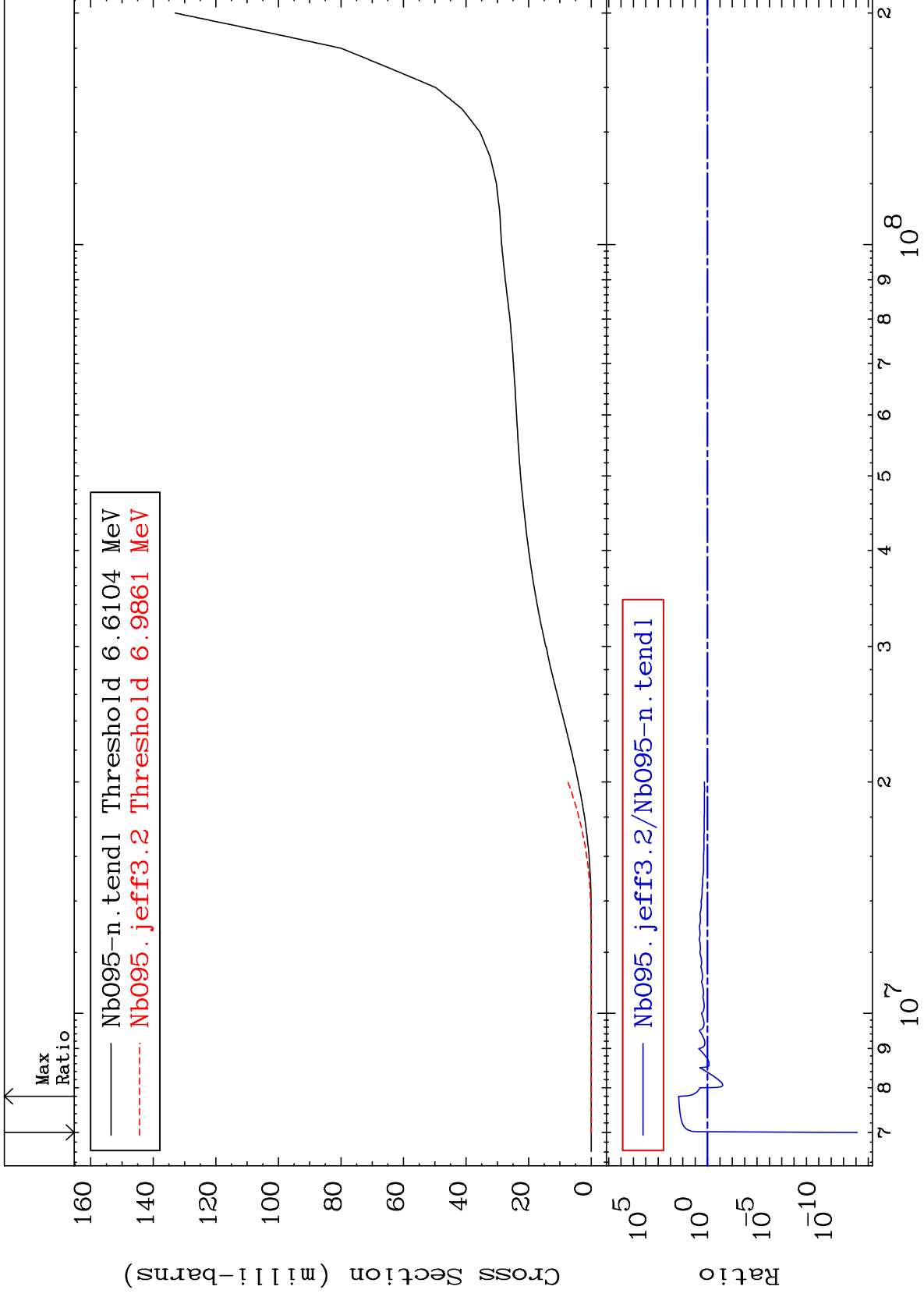
41-Nb-95  
-100.0 To 9999. %



MAT 4131

Tritium Production  
Cross Section

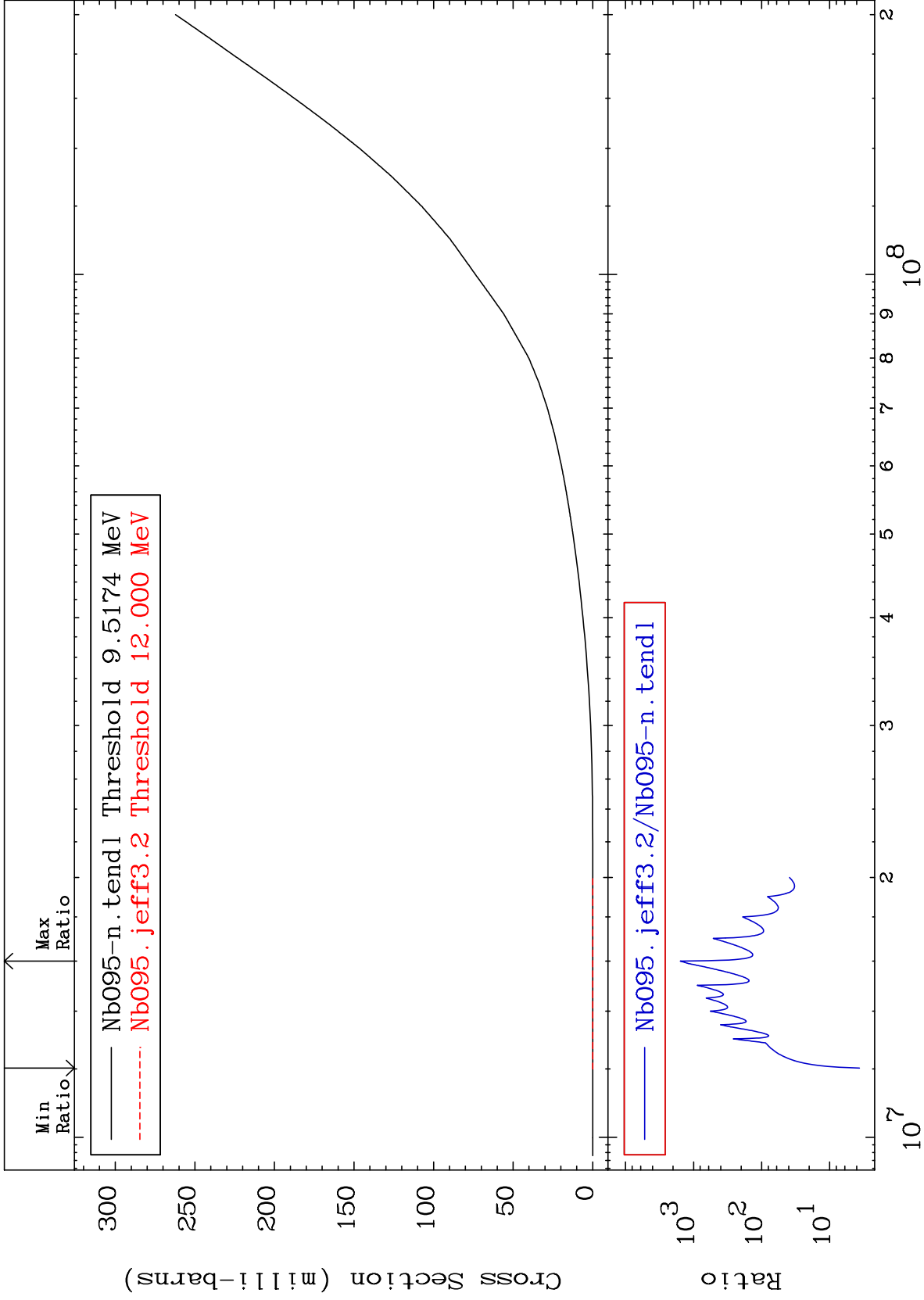
41-Nb-95  
-100.0 To 9999. %



MAT 4131

He-3 Production  
Cross Section

41-Nb-95  
265.7 To 9999. %



40

Incident Energy (eV)

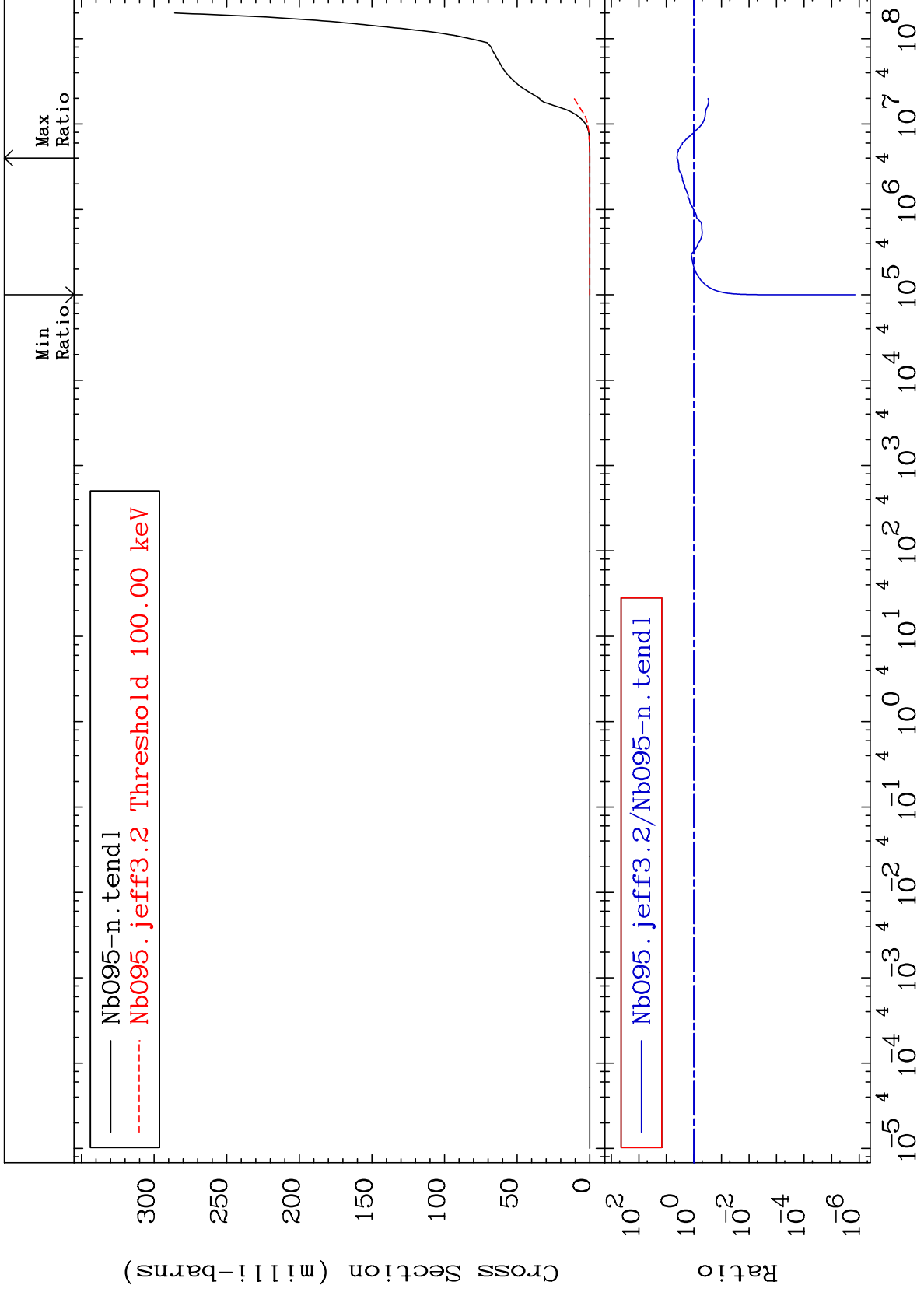
41-Nb-95



MAT 4131

He-4 Production  
Cross Section

41-Nb-95  
-100.0 To 313.6 %



41

Incident Energy (eV)

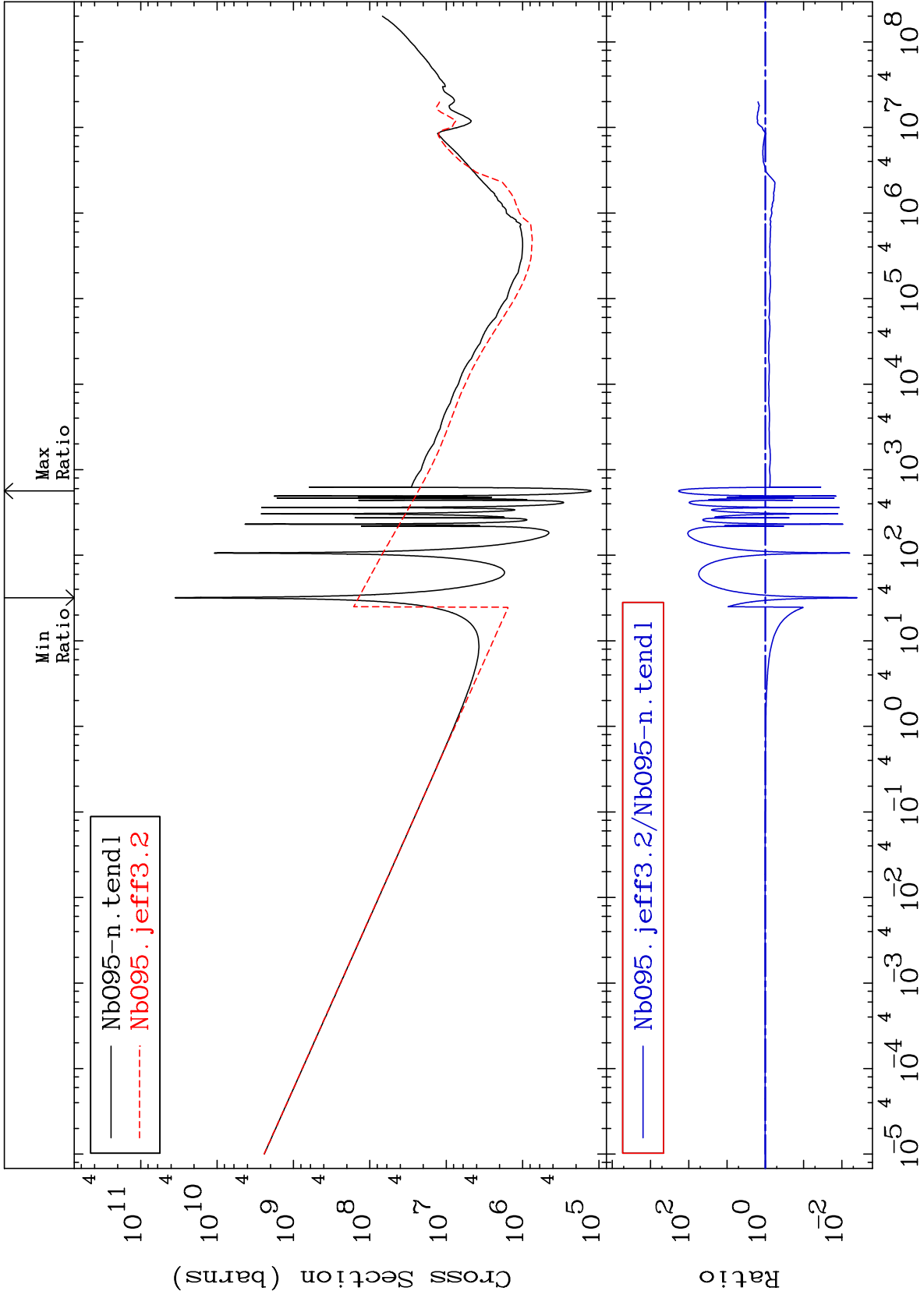
41-Nb-95

MAT 4131

Kerma total (eV-barns)

41-Nb-95

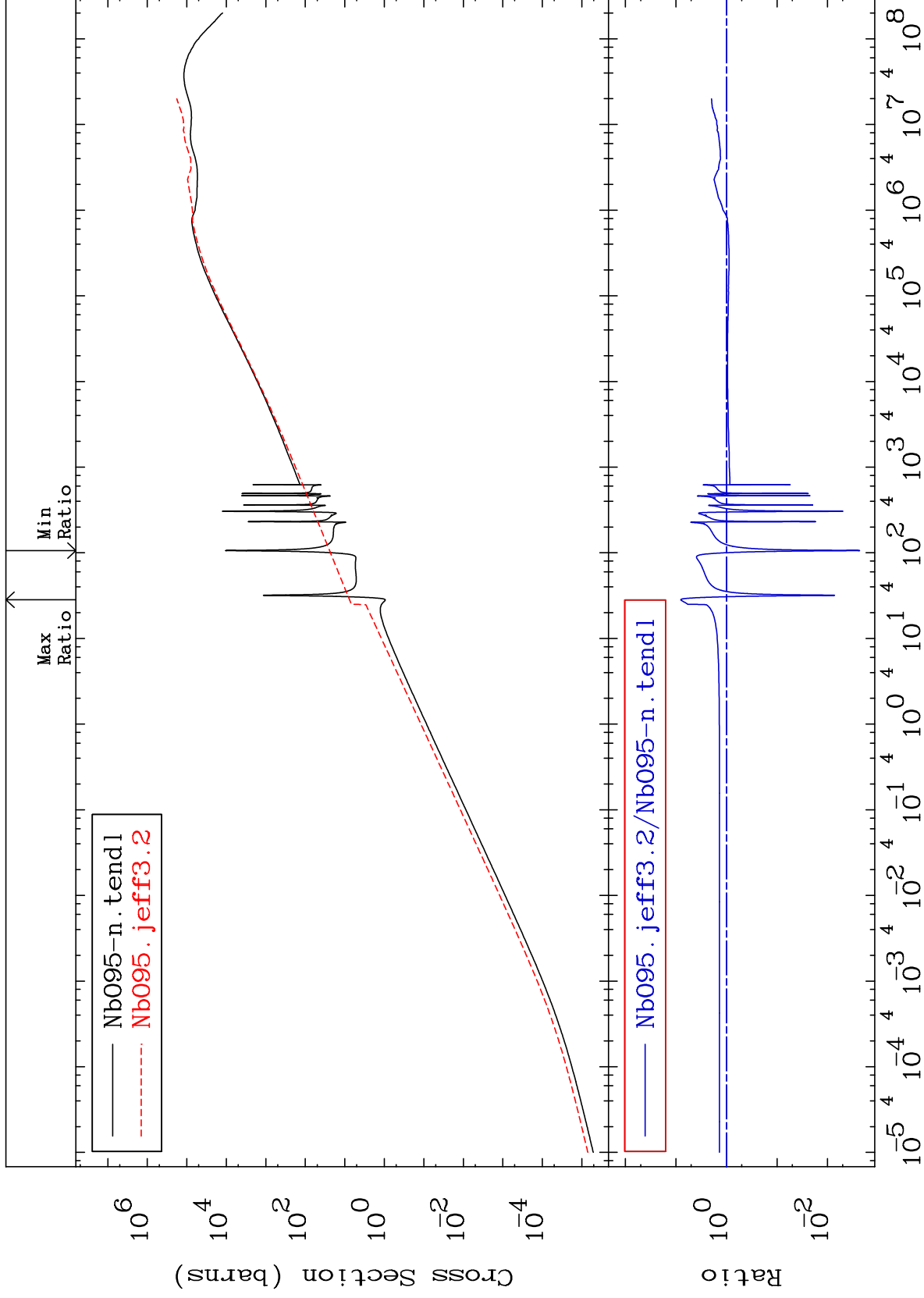
-99.61 To 9999. %

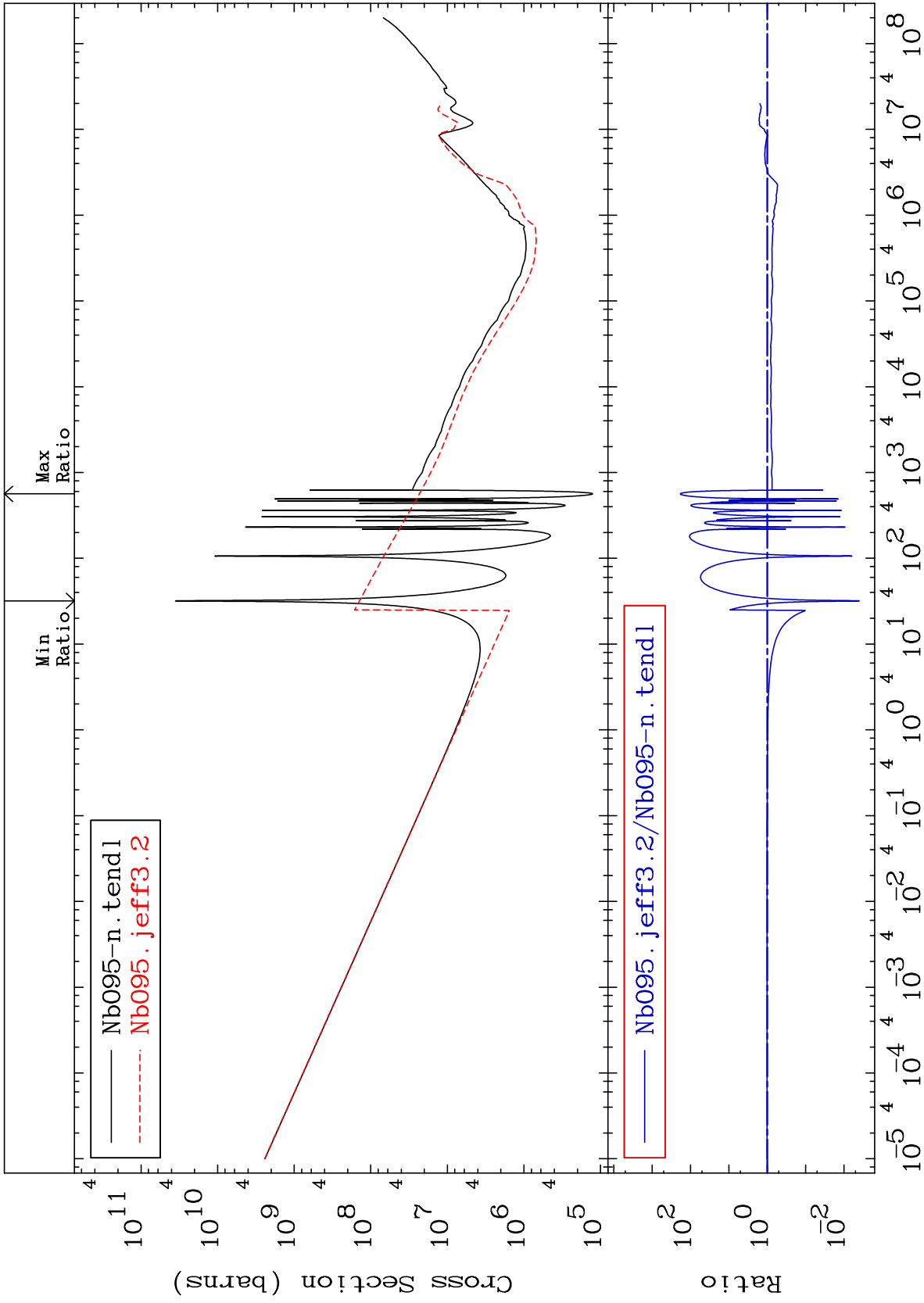


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Incident Energy (eV)

41-Nb-95

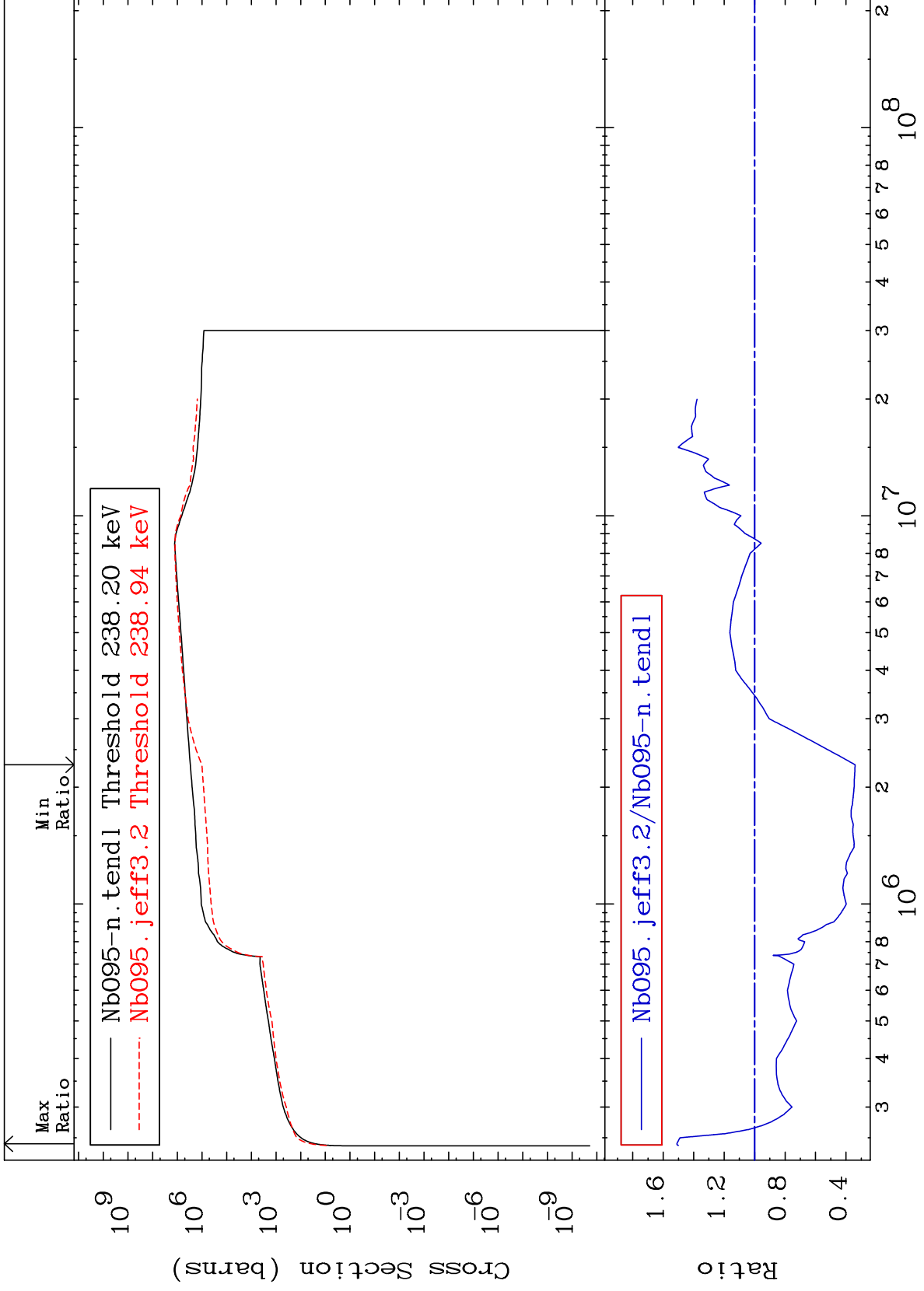




MAT 4131

Kerma inelastic (mt51-91)  
Cross Section

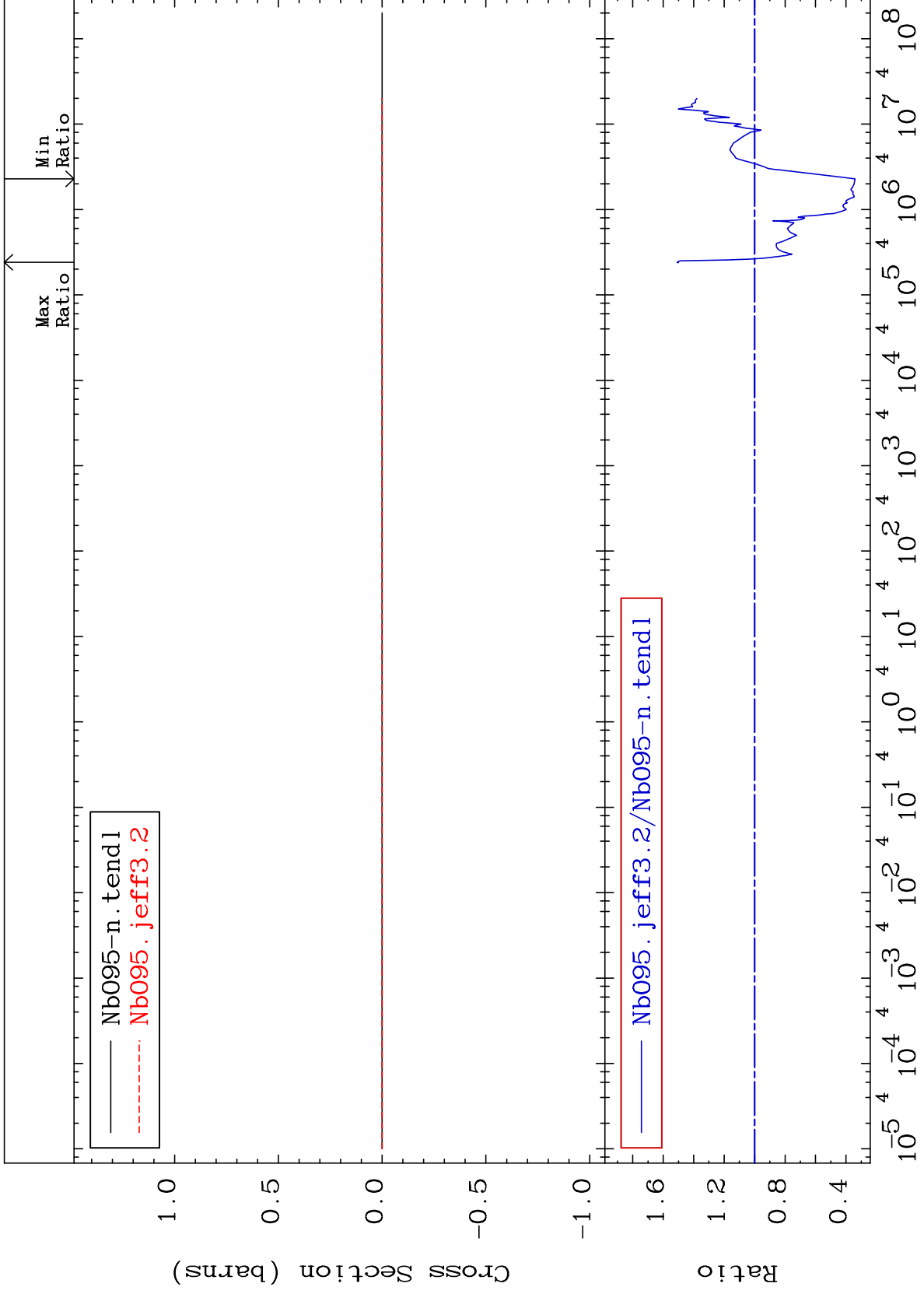
41-Nb-95  
-65.97 To 51.00 %



MAT 4131

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

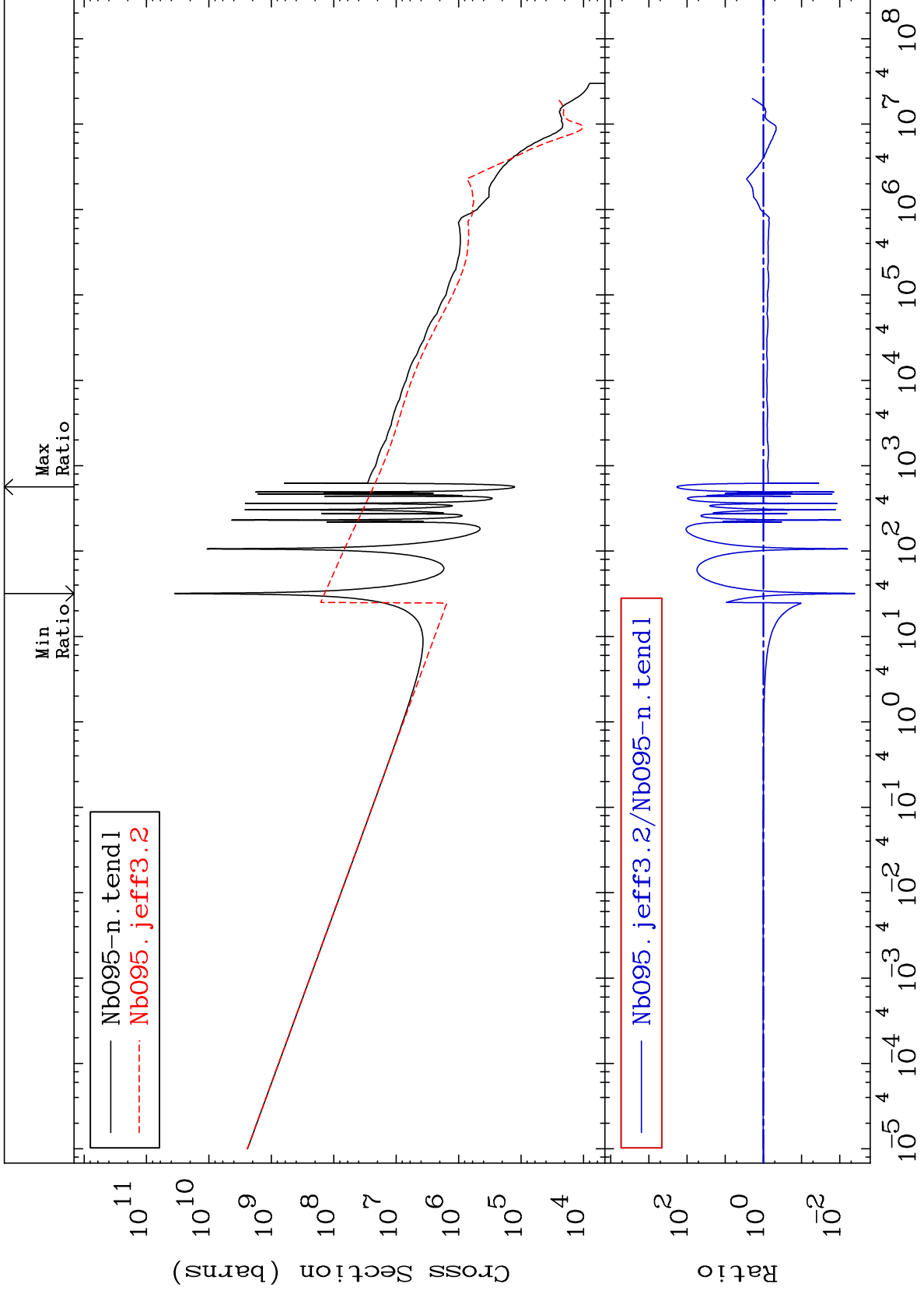
41-Nb-95  
-65.97 To 51.00 %



MAT 4131

Kerma capture (mt102)  
Cross Section

41-Nb-95  
-99.61 To 9999. %



47

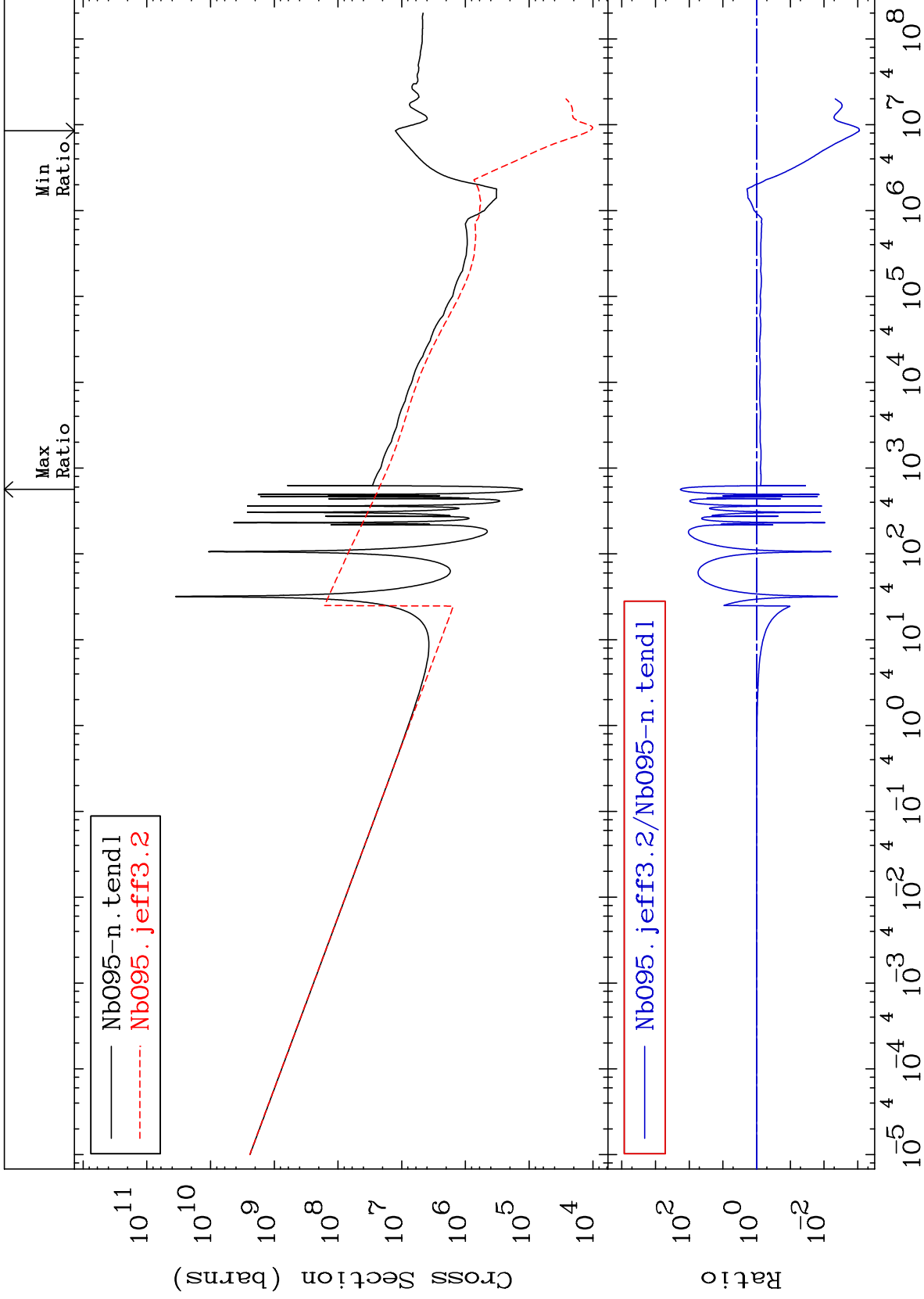
Incident Energy (eV)

41-Nb-95

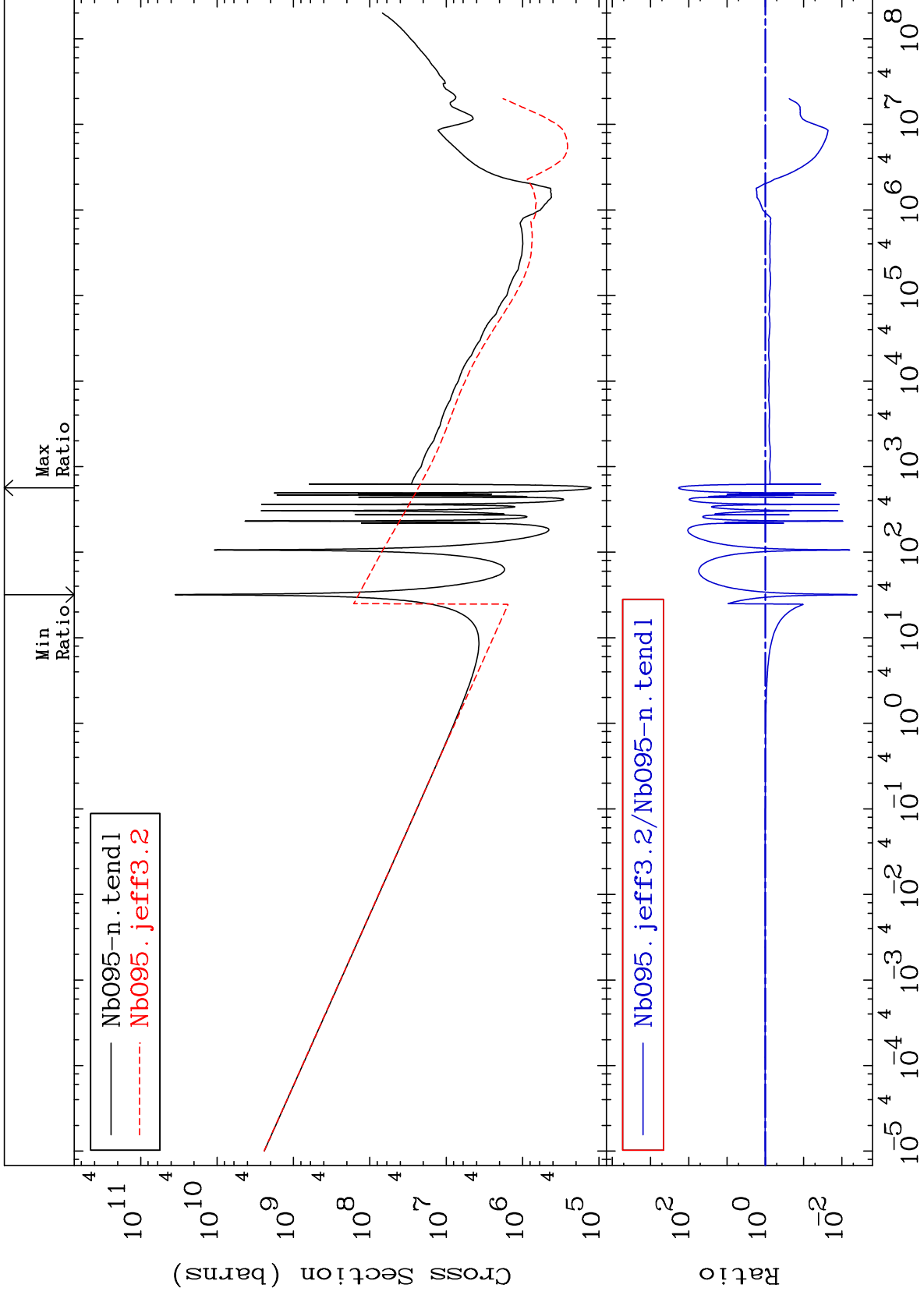
MAT 4131

Total photon (eV-barns)  
Cross Section

41-Nb-95  
-99.91 To 9999. %



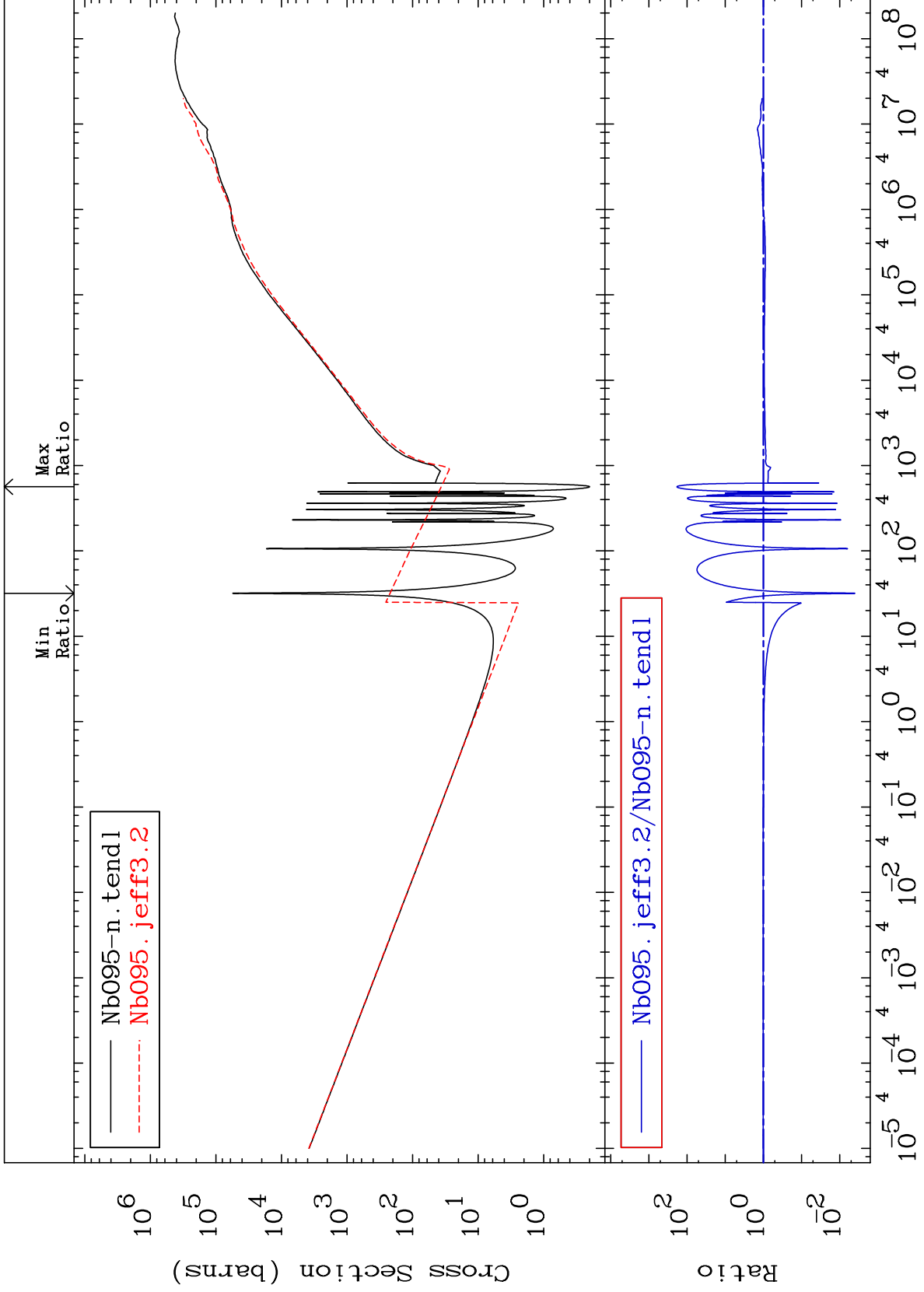




MAT 4131

Dpa total (eV-barns)  
Cross Section

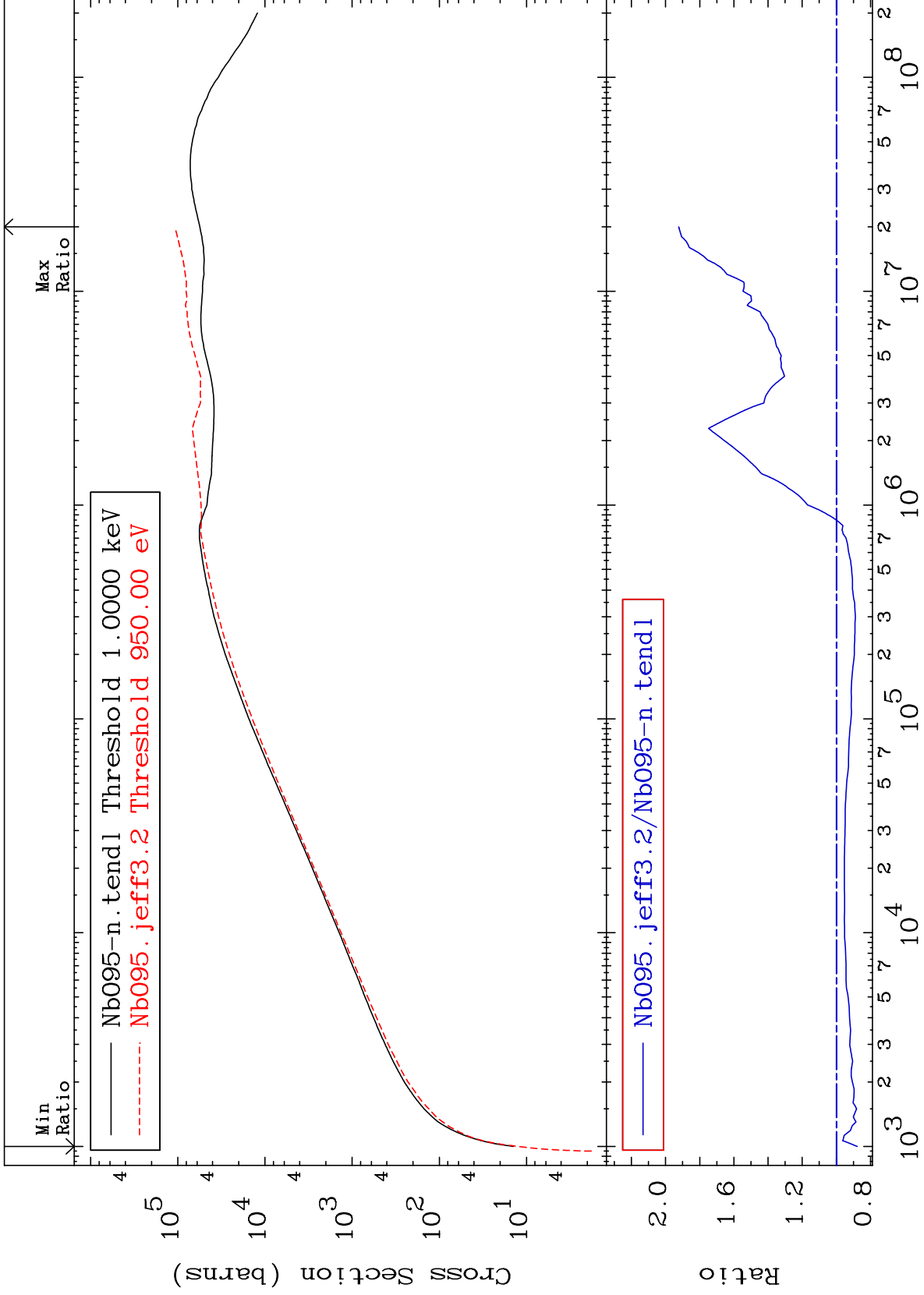
41-Nb-95  
-99.60 To 9999. %



MAT 4131

Dpa elastic (mt2)  
Cross Section

41-Nb-95  
-12.22 To 92.34 %



51

Incident Energy (eV)

41-Nb-95

