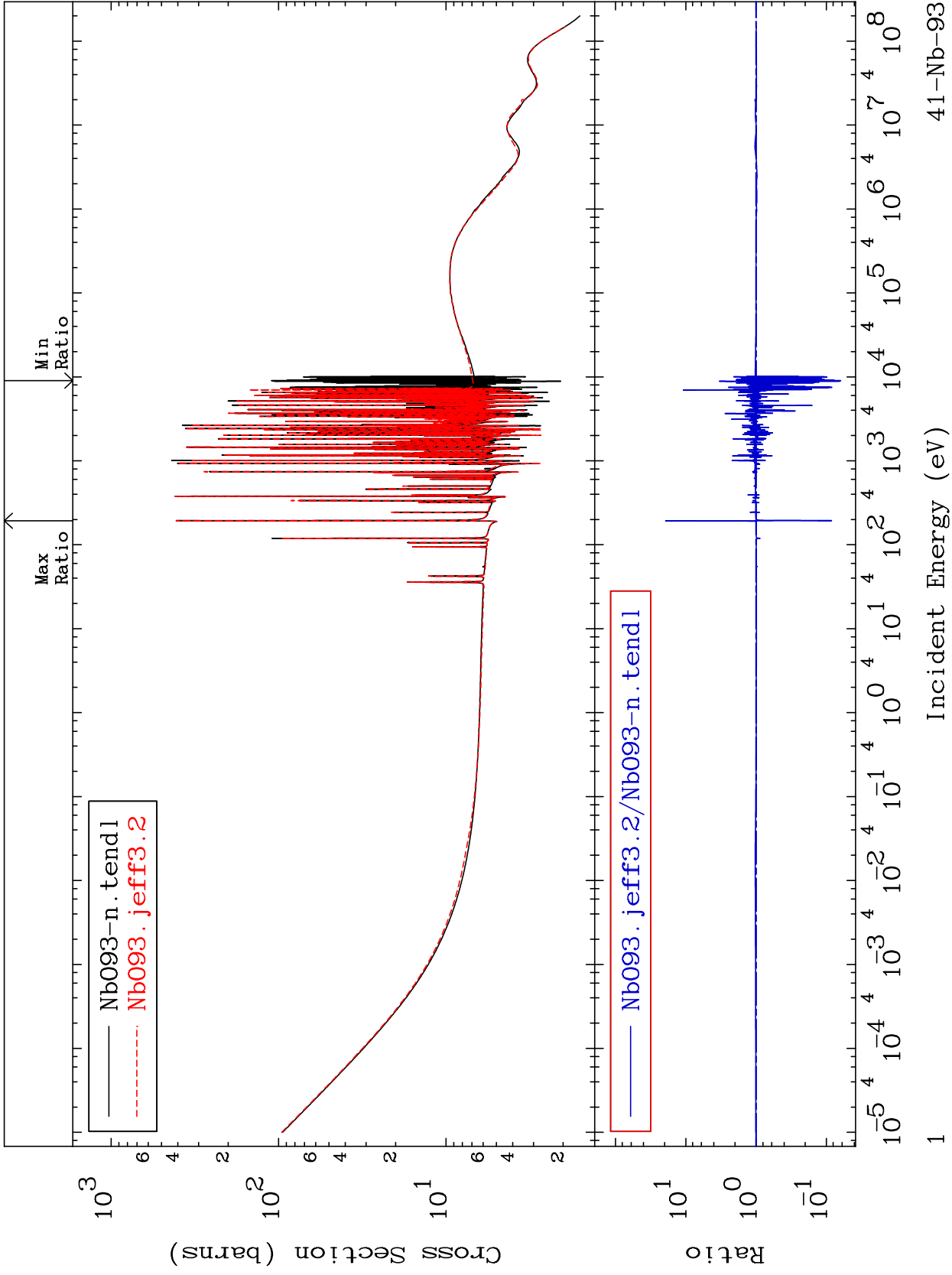


MAT 4125

Total  
Cross Section

41-Nb-93  
-93.73 To 1844. %

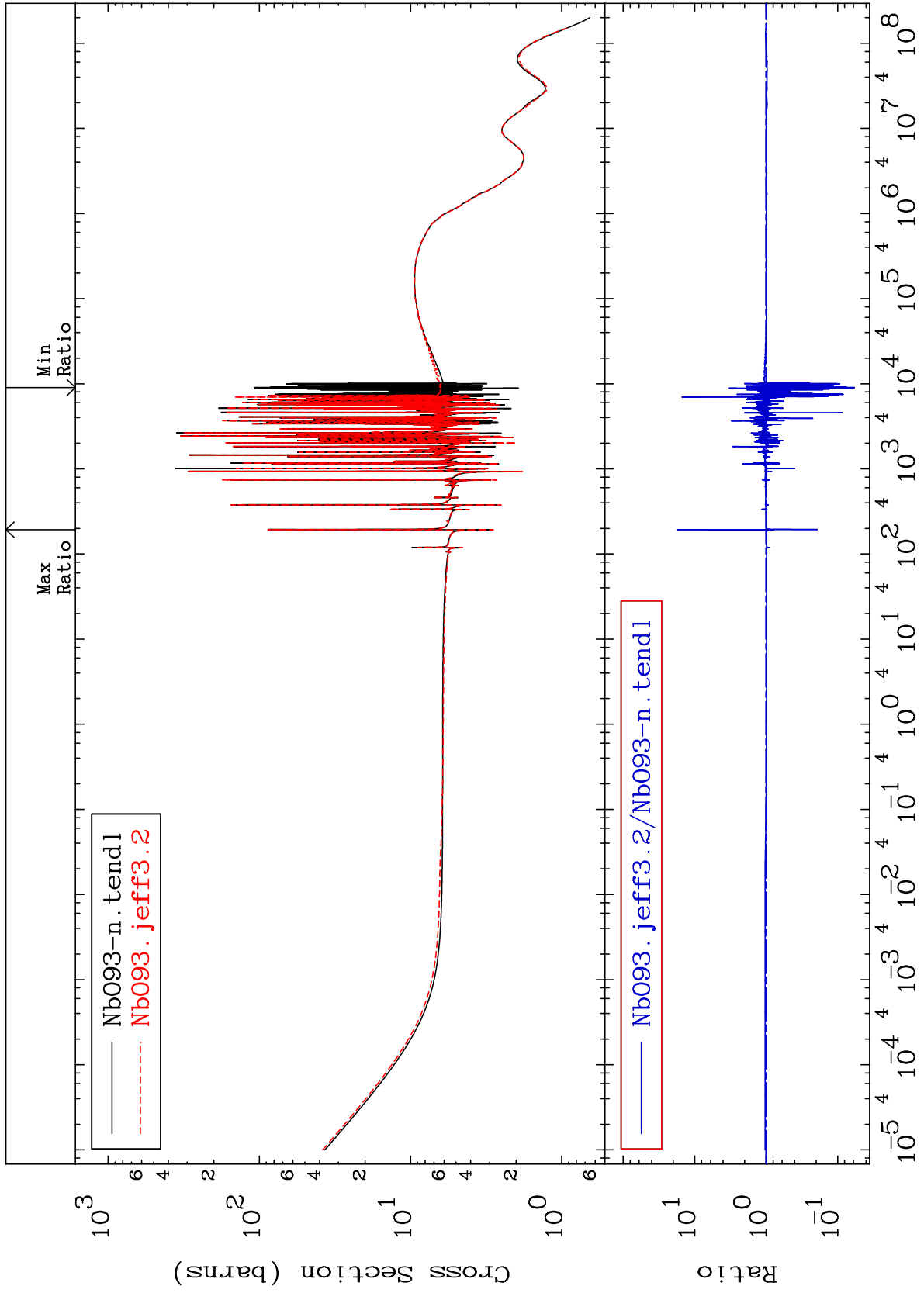


41-Nb-93

MAT 4125

Elastic  
Cross Section

41-Nb-93  
-94.18 To 1682. %



2

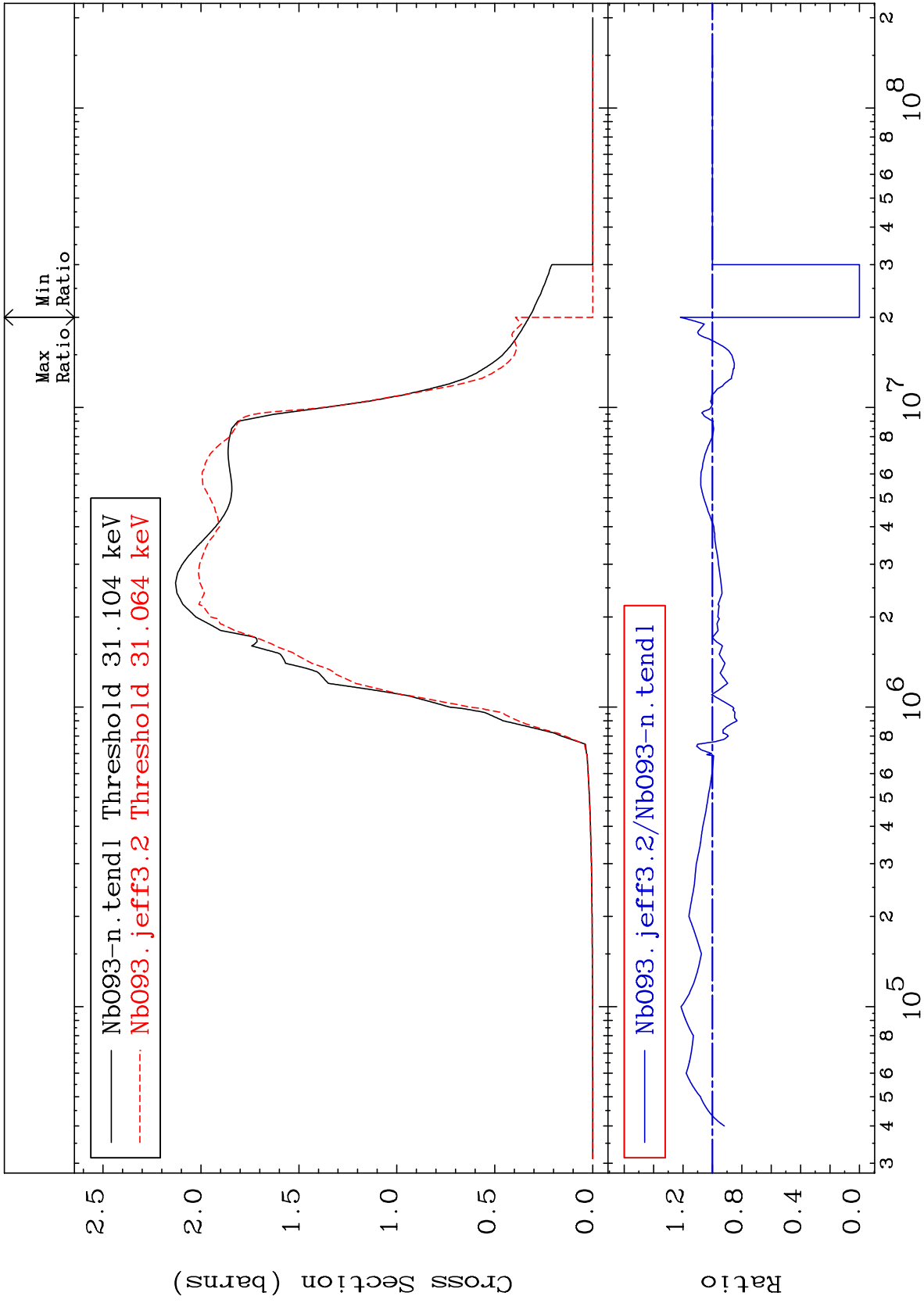
Incident Energy (eV)

41-Nb-93

MAT 4125

Inelastic  
Cross Section

41-Nb-93  
-100.0 To 21.77 %



3

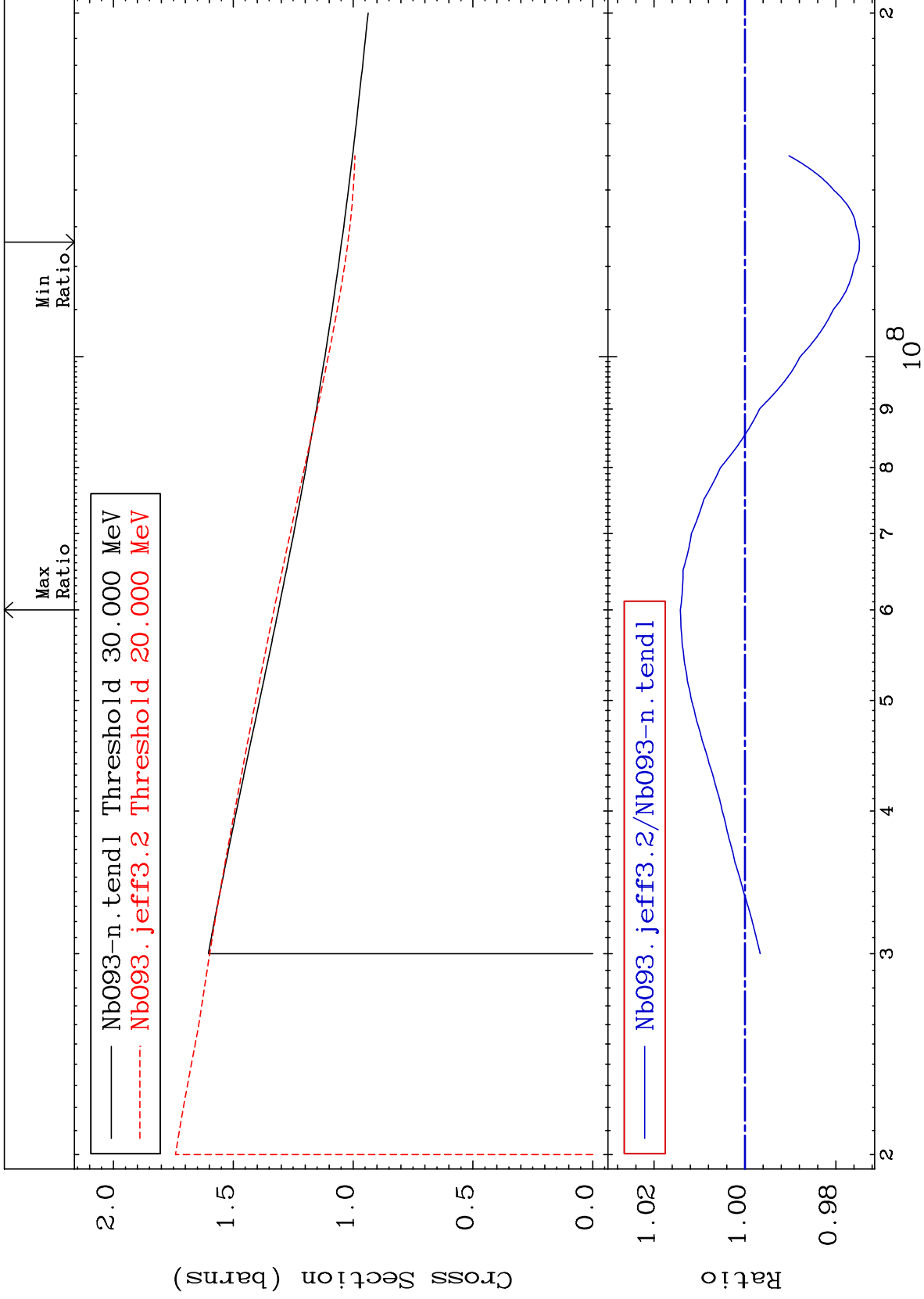
Incident Energy (eV)

41-Nb-93

MAT 4125

(n, remainder)  
Cross Section

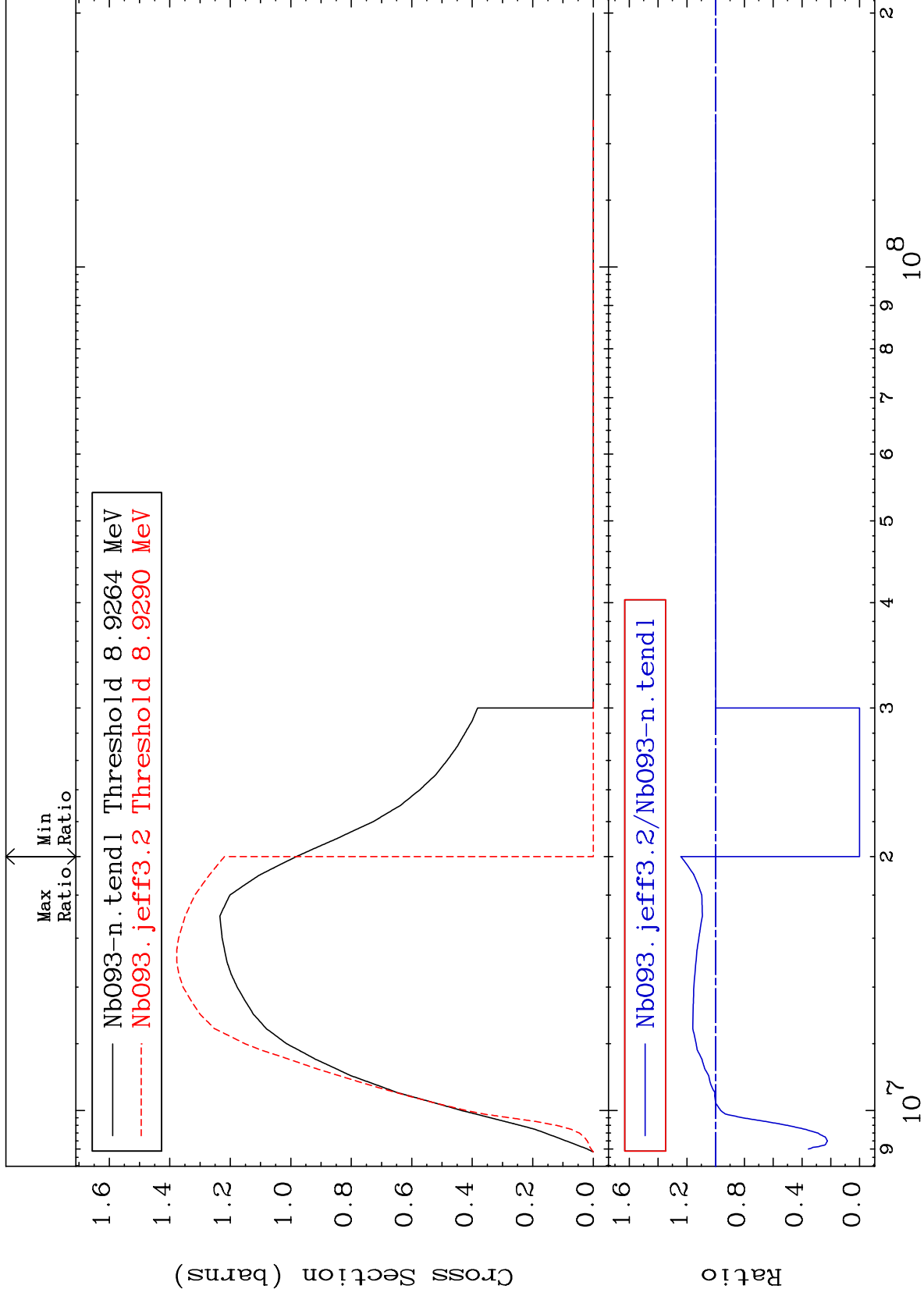
41-Nb-93  
-2.519 To 1.420 %



MAT 4125

(n,2n)  
Cross Section

41-Nb-93  
-100.0 To 24.24 %



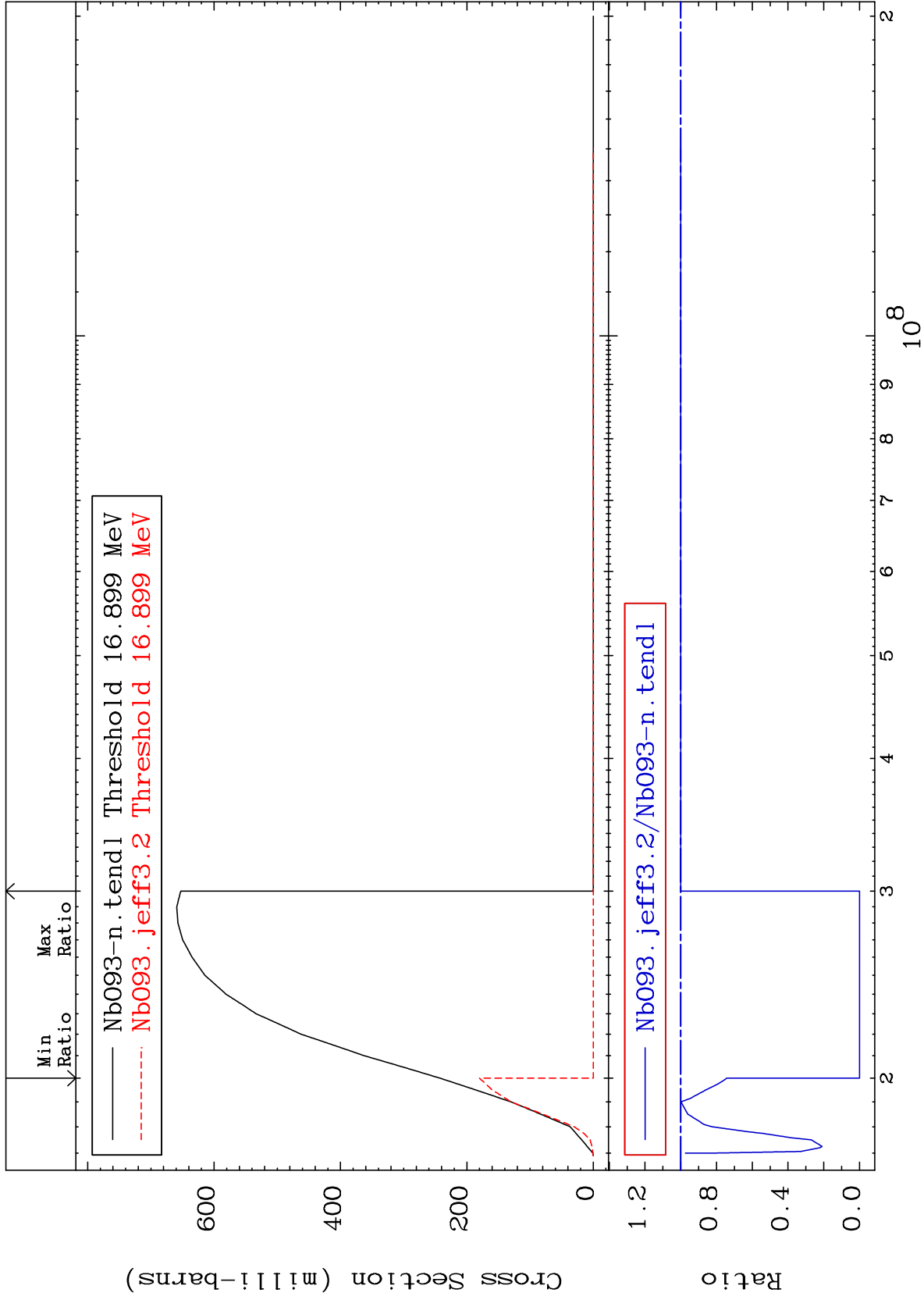
5

Incident Energy (eV)

41-Nb-93

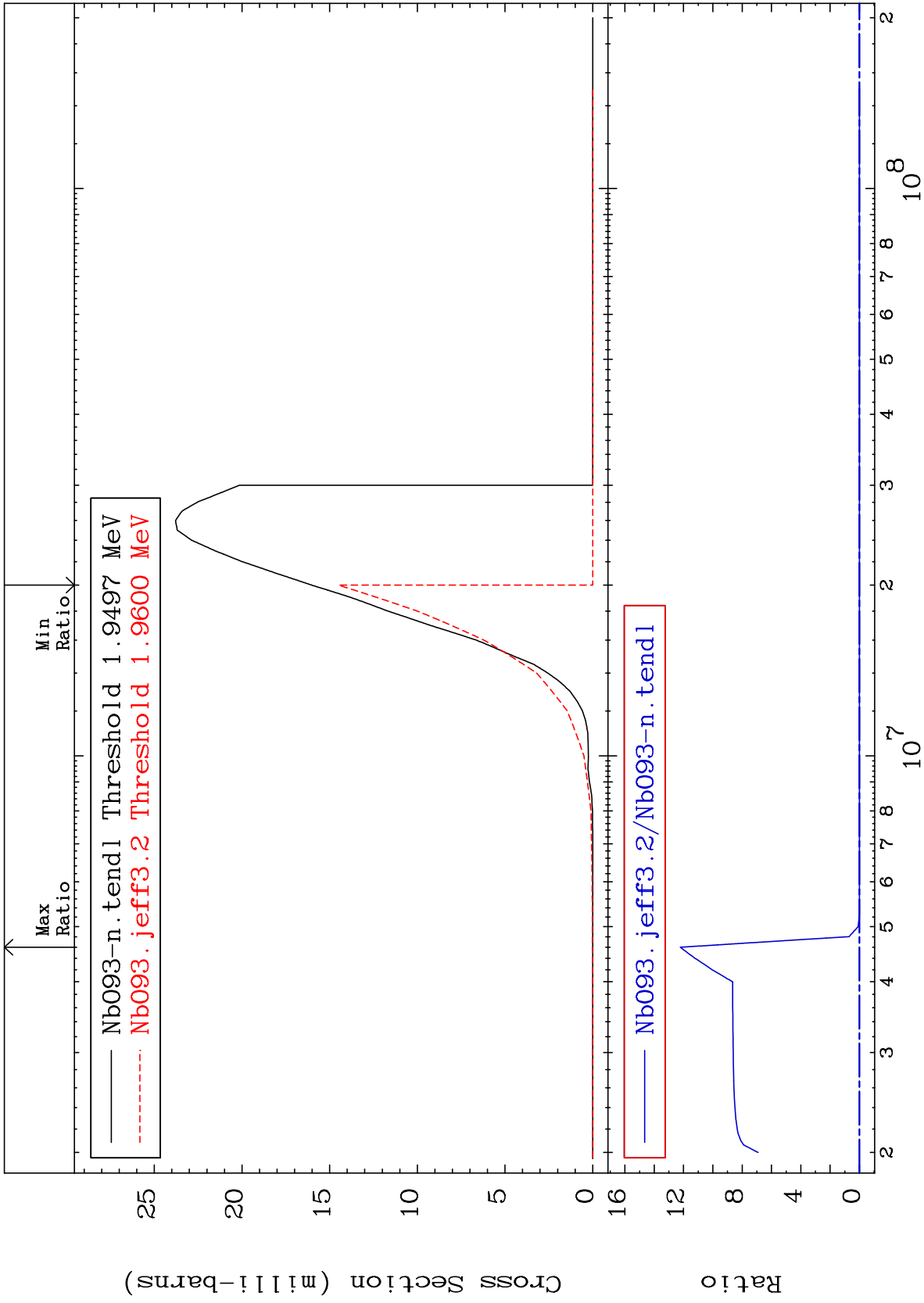
Cross Section

-100.0 To 0.000 %



MAT 4125

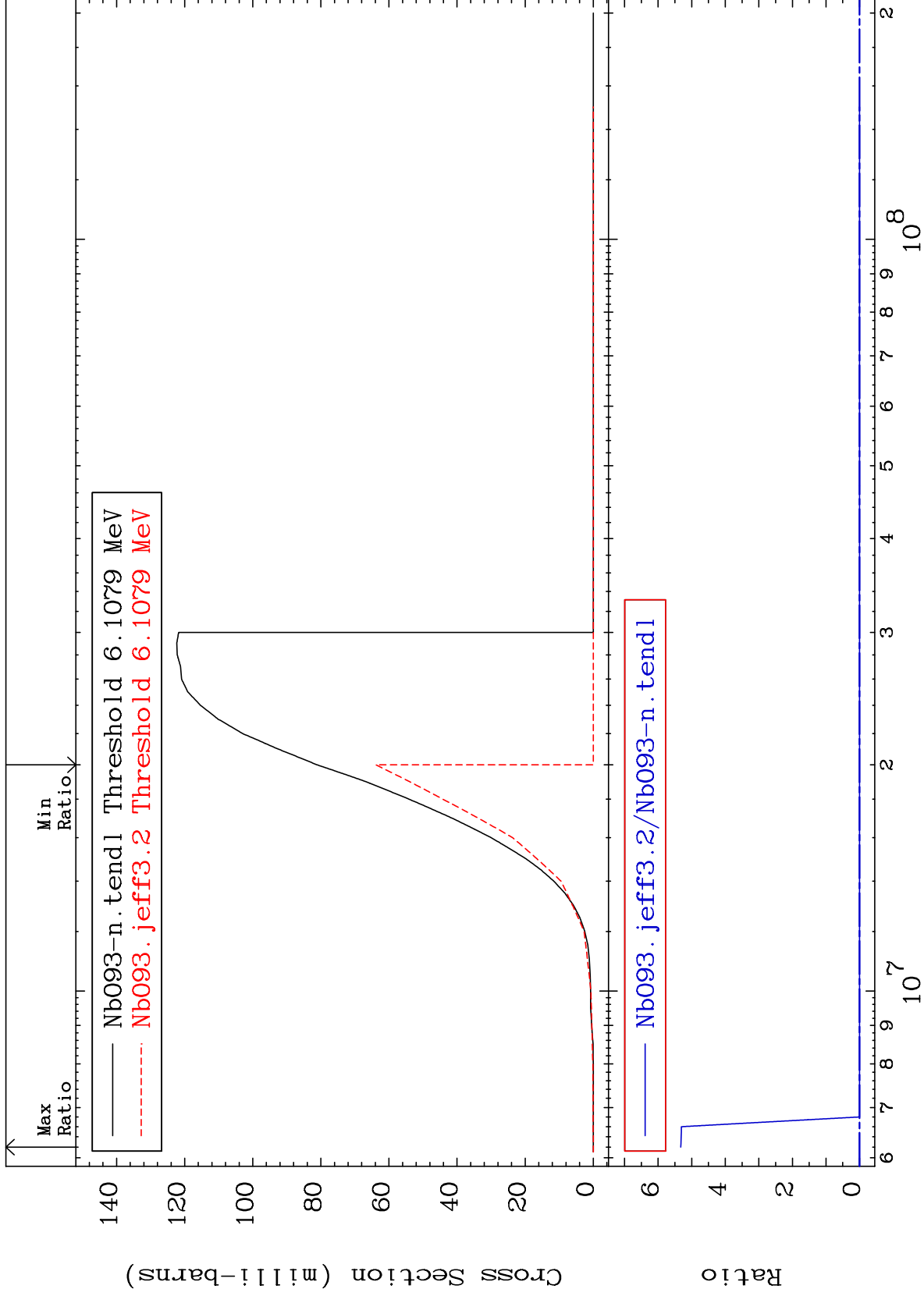
(n, n')  $\alpha$   
Cross Section  
41-Nb-93  
-100.0 To 9999. %



MAT 4125

(n,n') p  
Cross Section

41-Nb-93  
-100.0 To 9999. %



8

Incident Energy (eV)

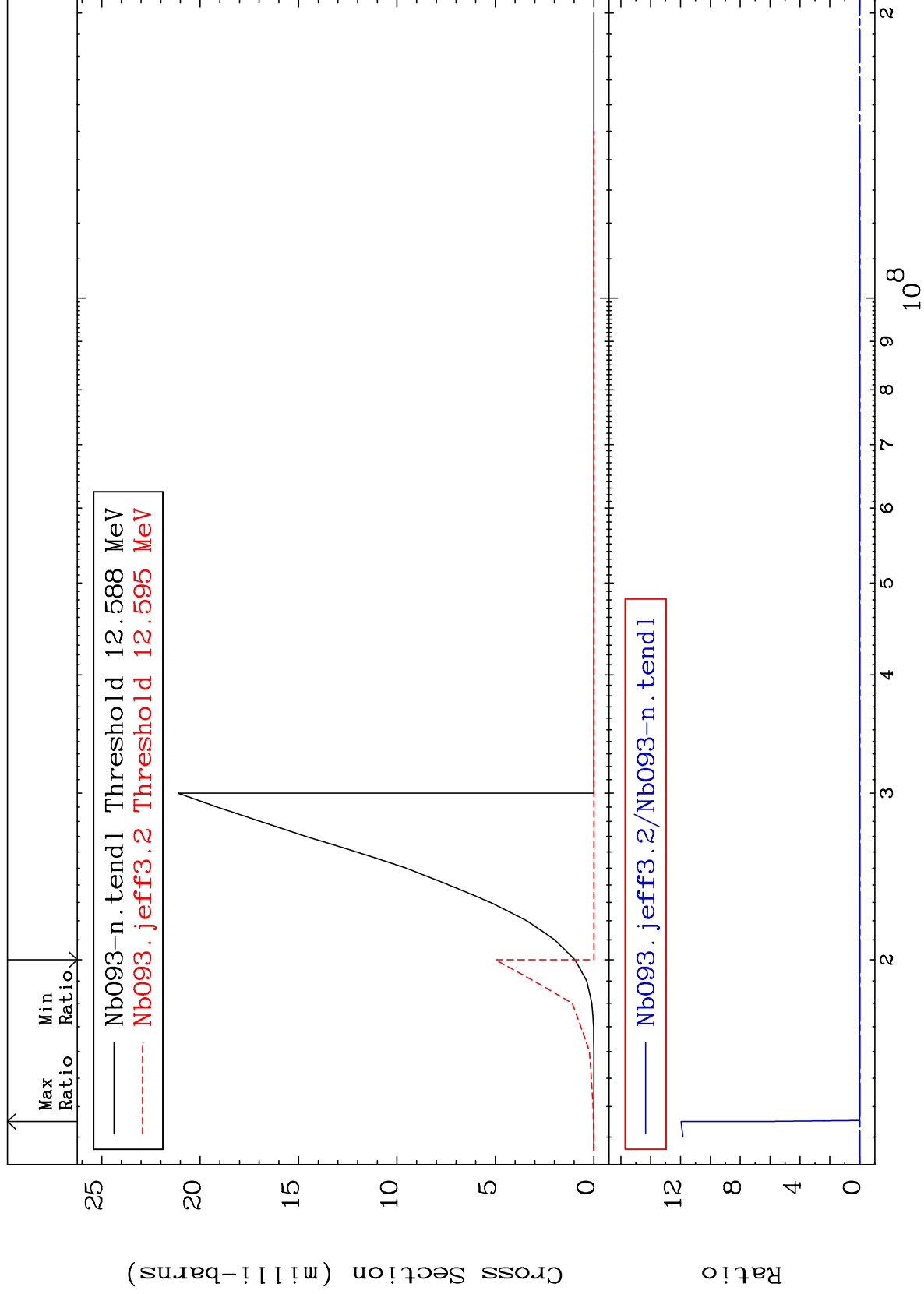
41-Nb-93



MAT 4125

(n,n') d  
Cross Section

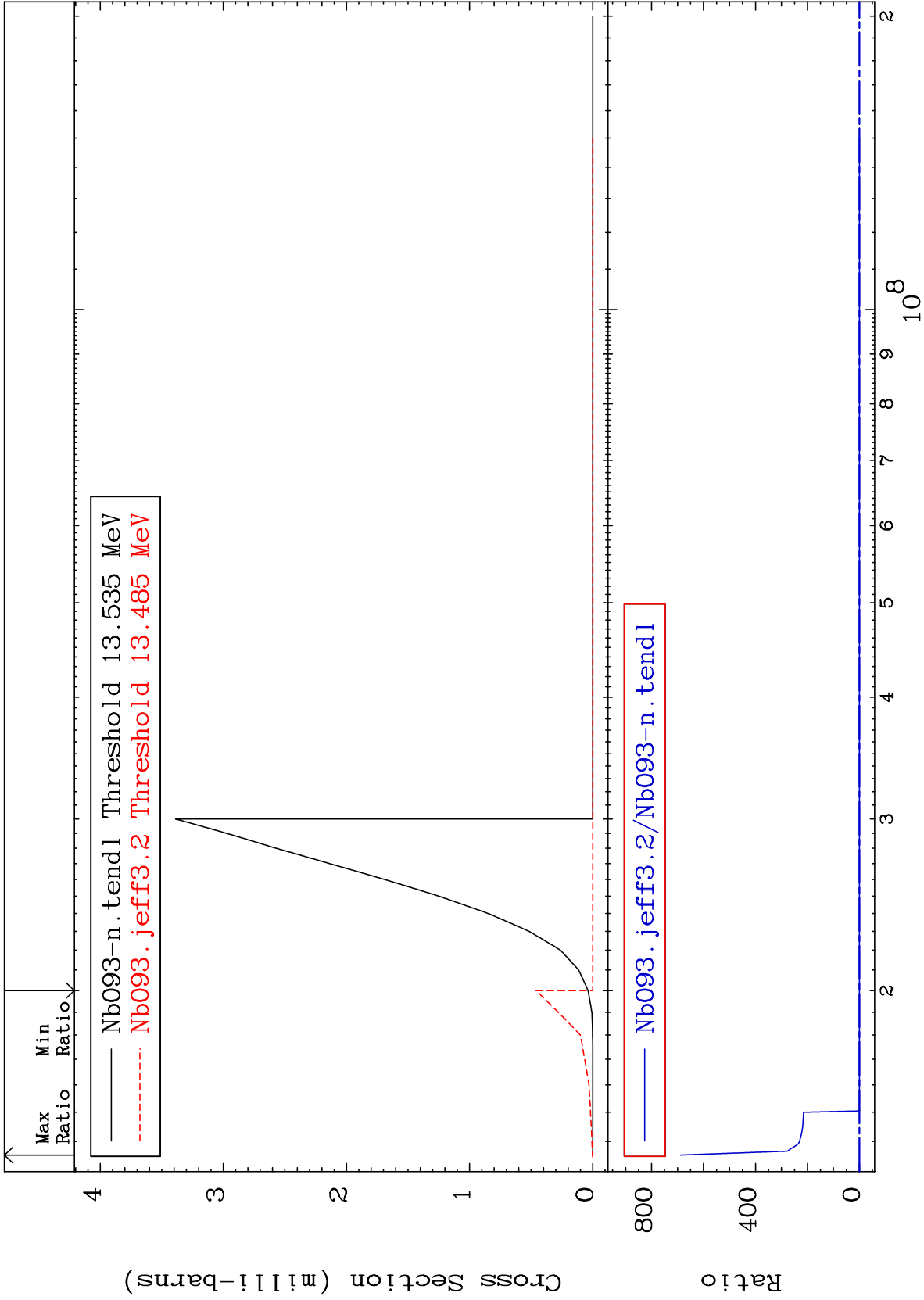
41-Nb-93  
-100.0 To 9999. %



MAT 4125

(n,n') t  
Cross Section

41-Nb-93  
-100.0 To 9999. %



10

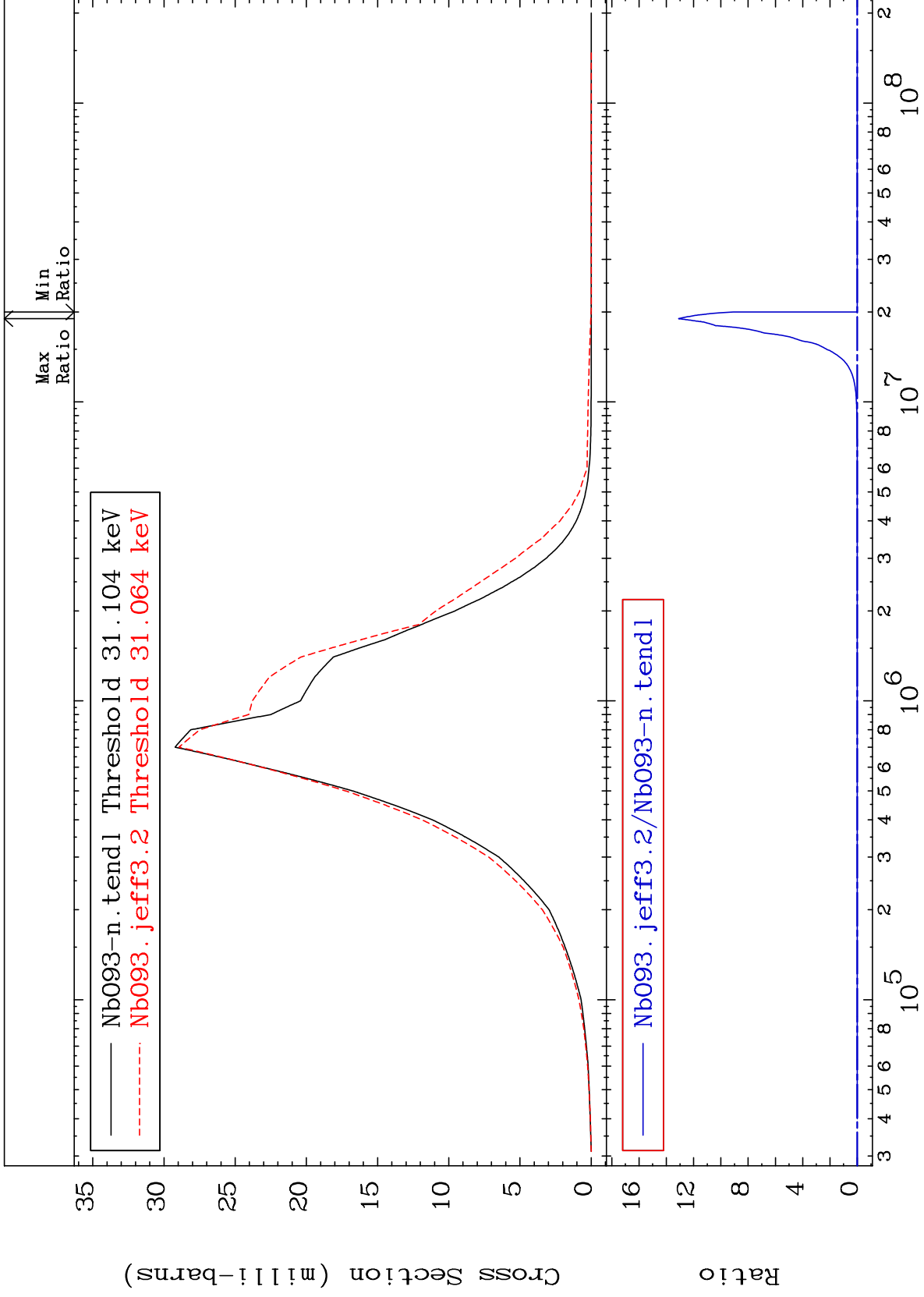
Incident Energy (eV)

41-Nb-93

MAT 4125

30.77 keV (n,n') Level  
Cross Section

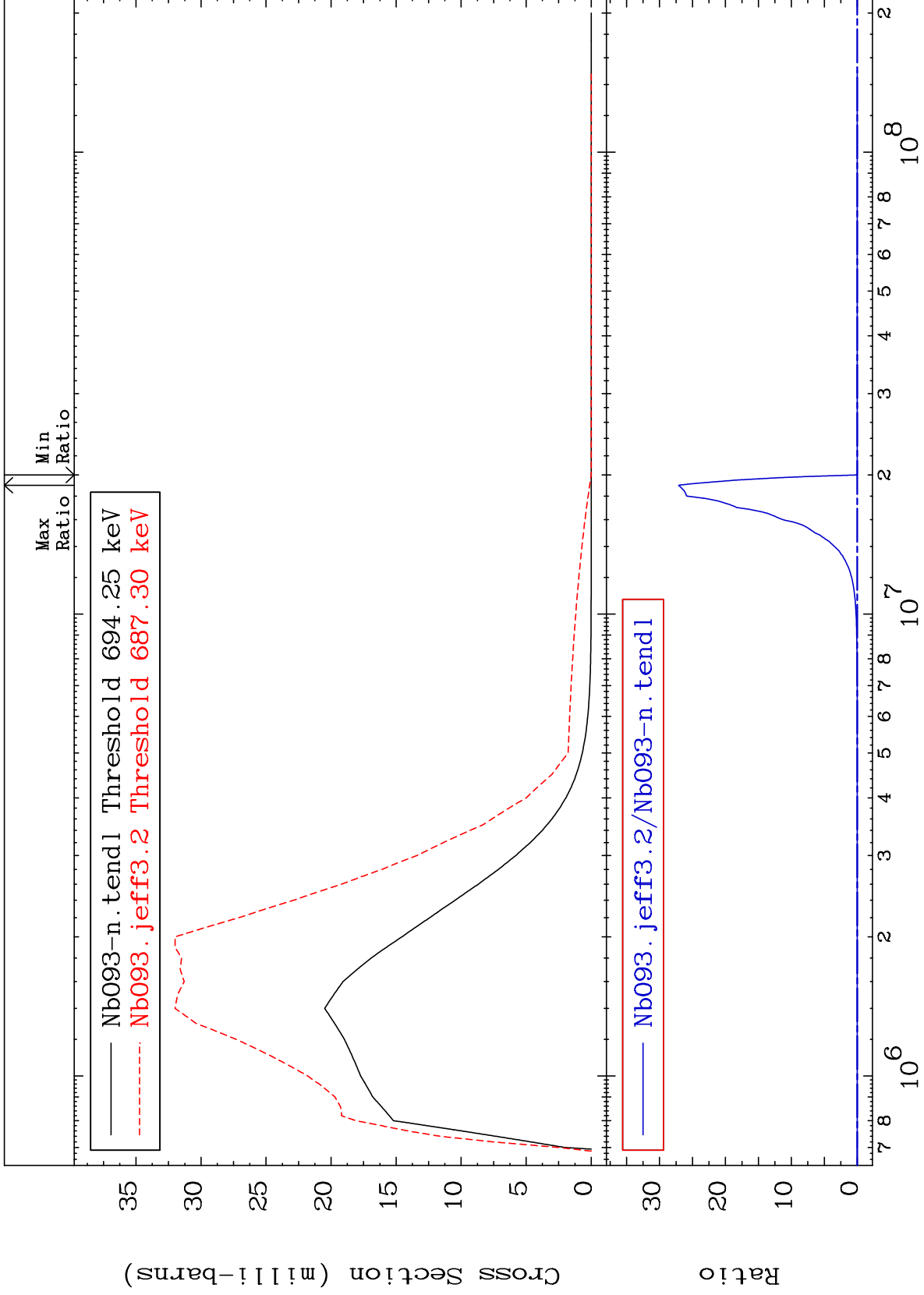
41-Nb-93  
-100.0 To 9999. %



MAT 4125

686.8 keV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 9999. %



12

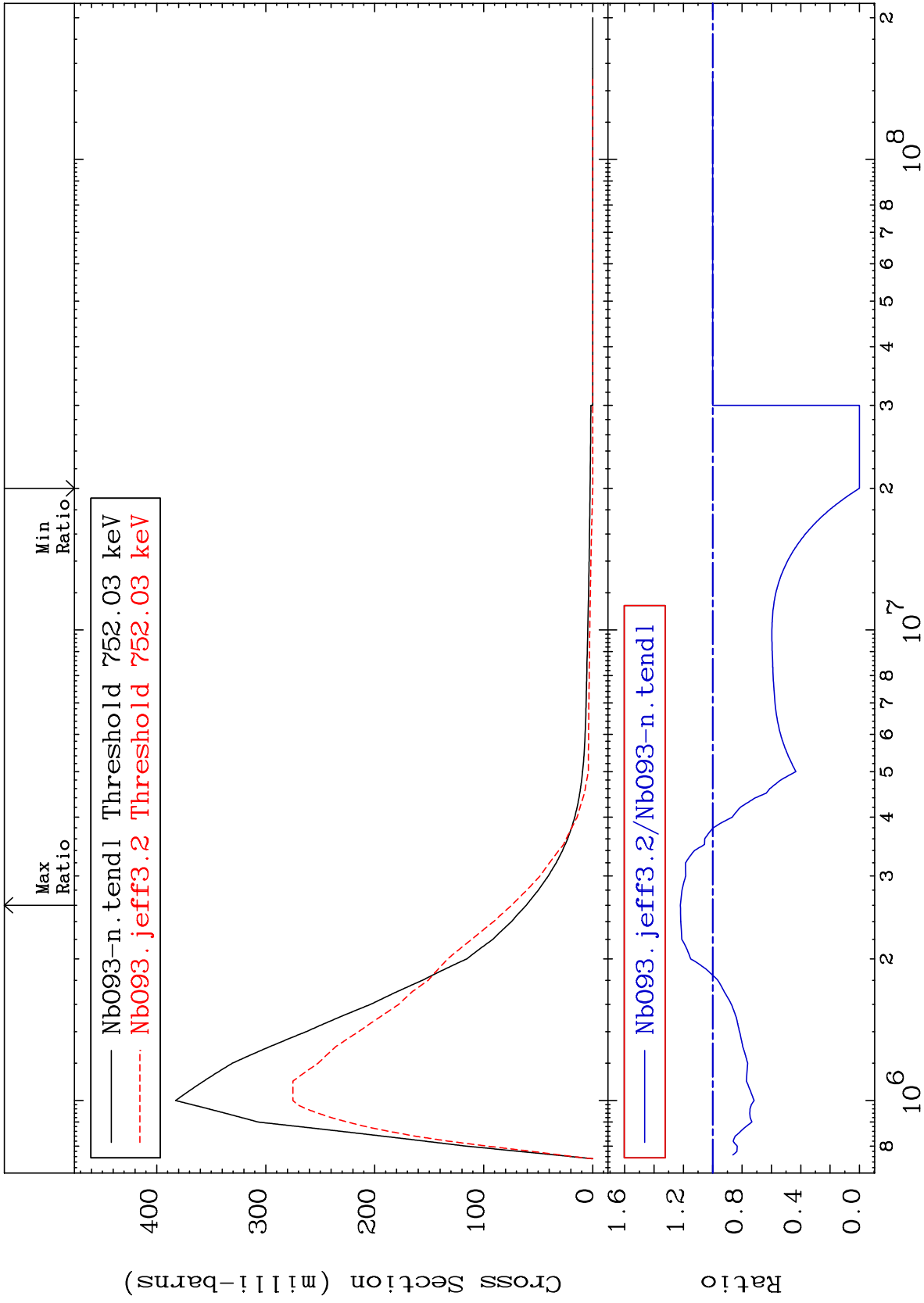
Incident Energy (eV)

41-Nb-93

MAT 4125

744.0 keV (n,n') Level  
Cross Section

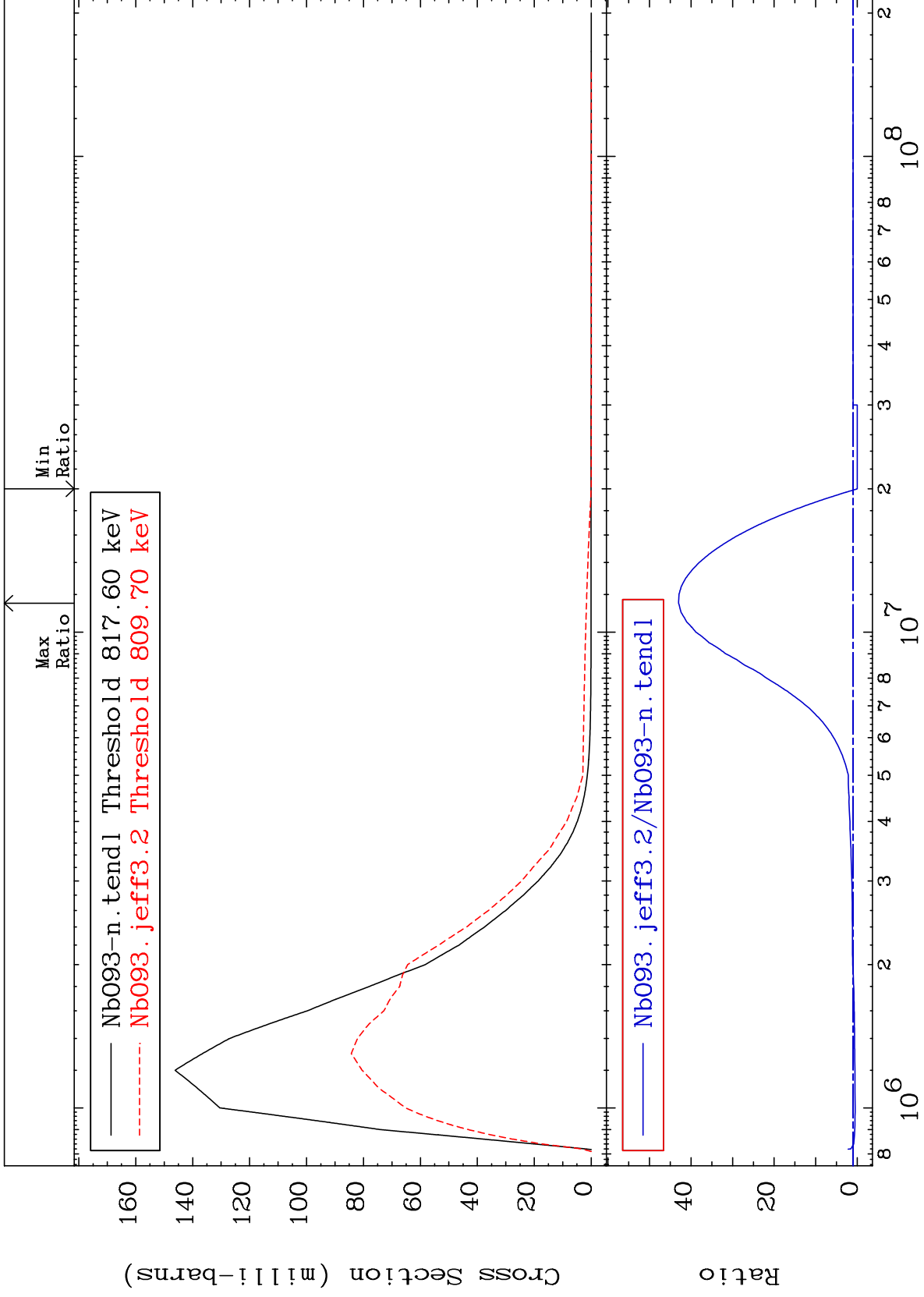
41-Nb-93  
-100.0 To 22.07 %



MAT 4125

808.8 keV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 4199. %



14

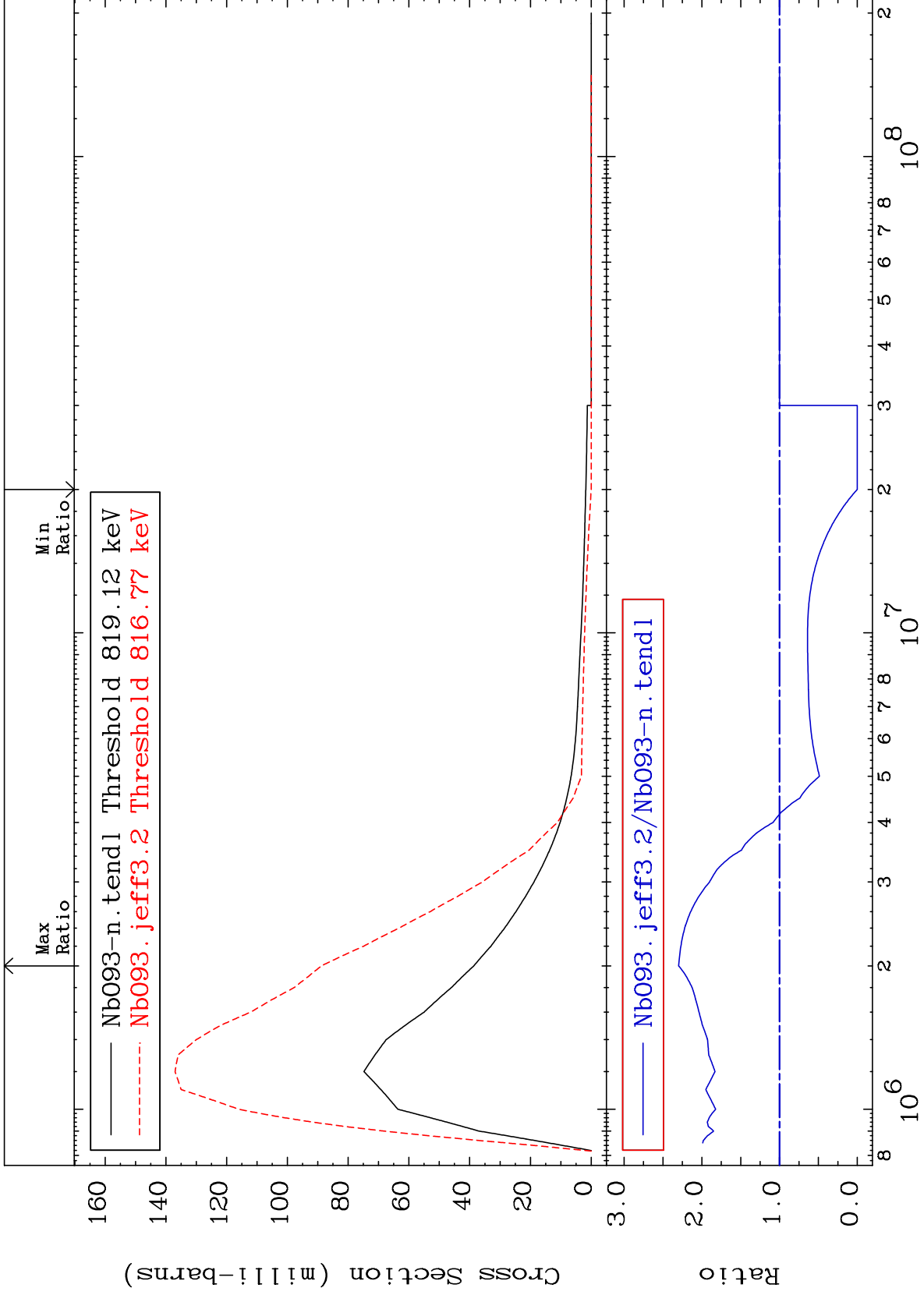
Incident Energy (eV)

41-Nb-93

MAT 4125

810.3 keV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 129.8 %



15

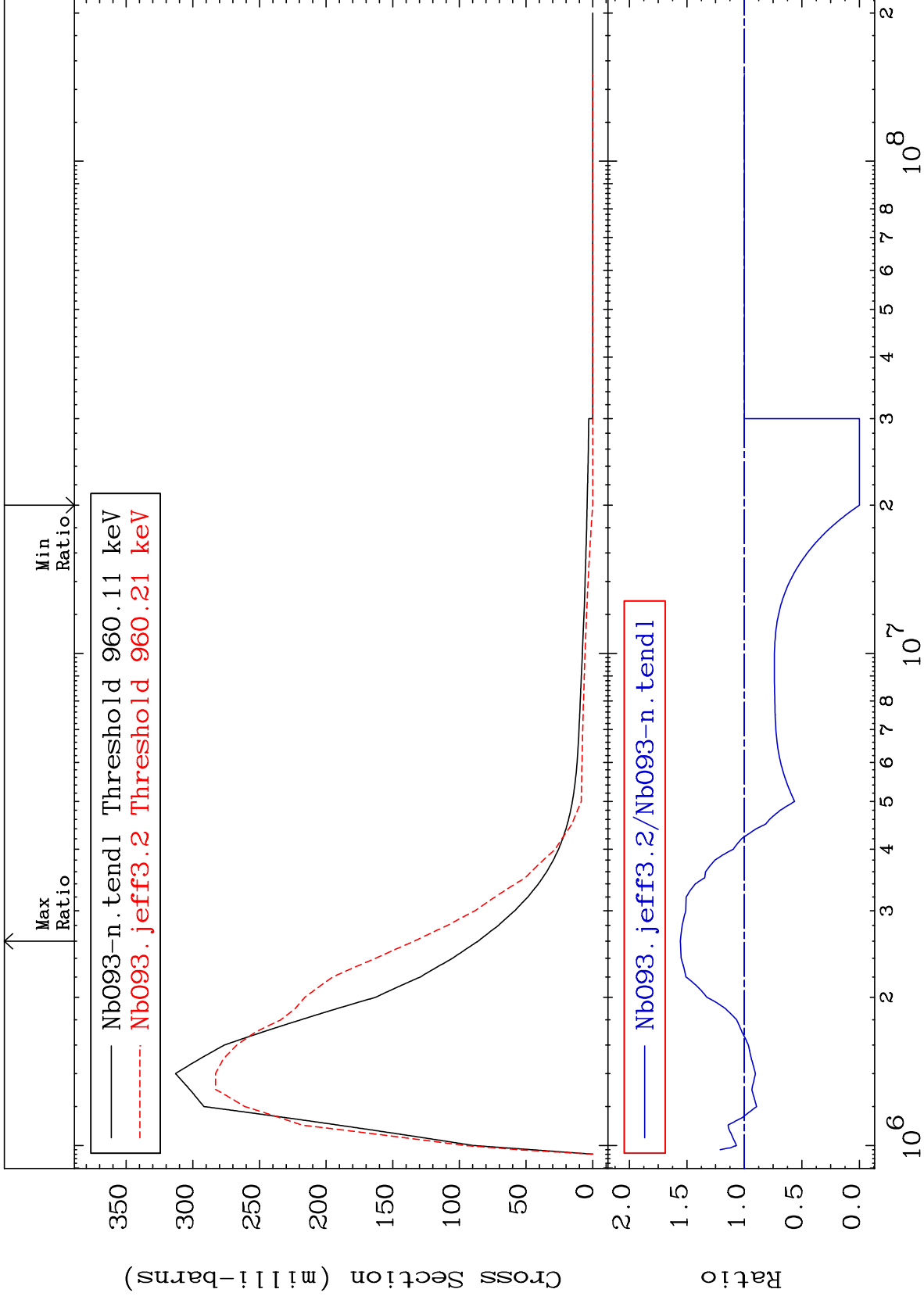
Incident Energy (eV)

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)

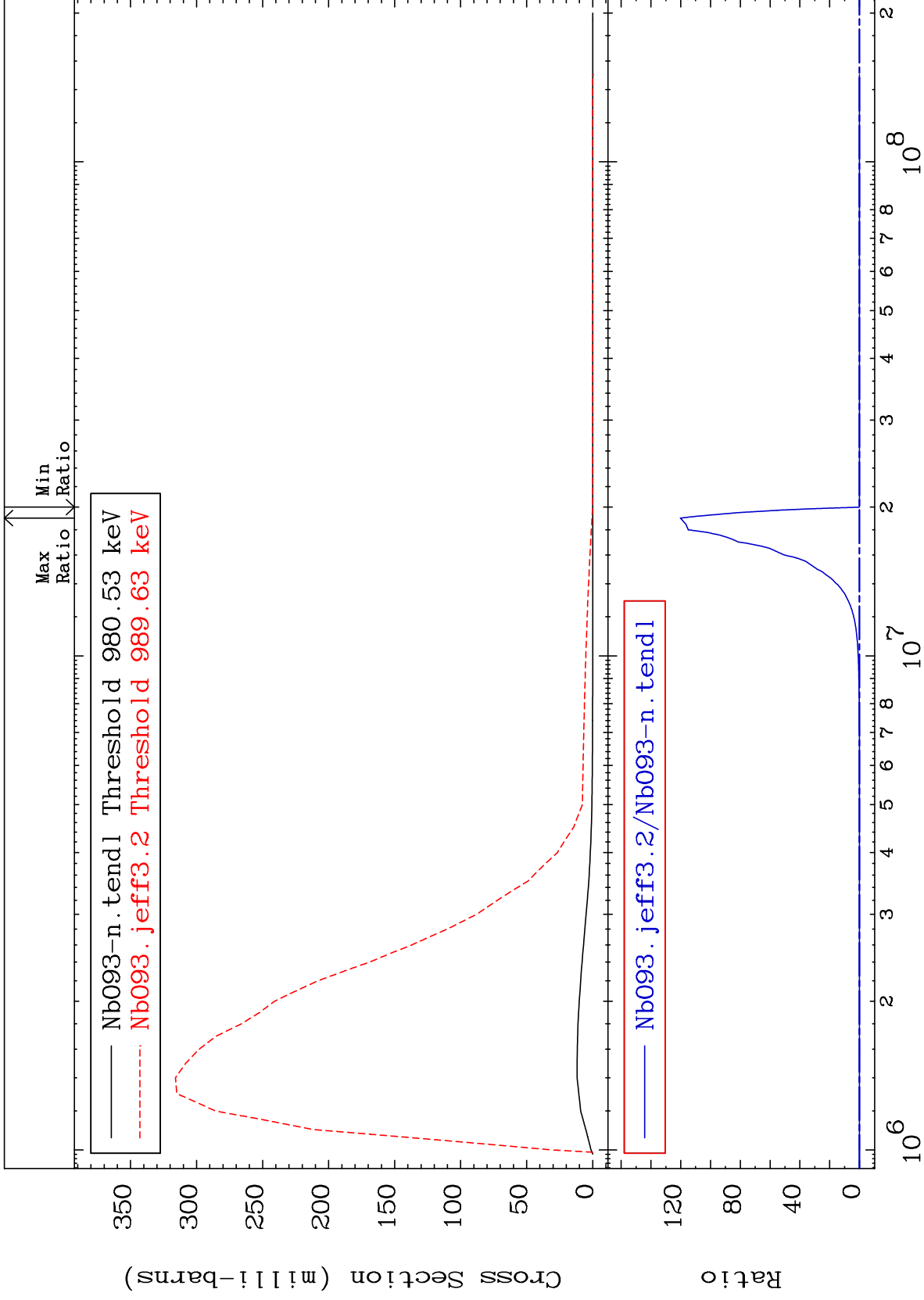
41-Nb-93



MAT 4125

970.0 keV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 9999. %



17

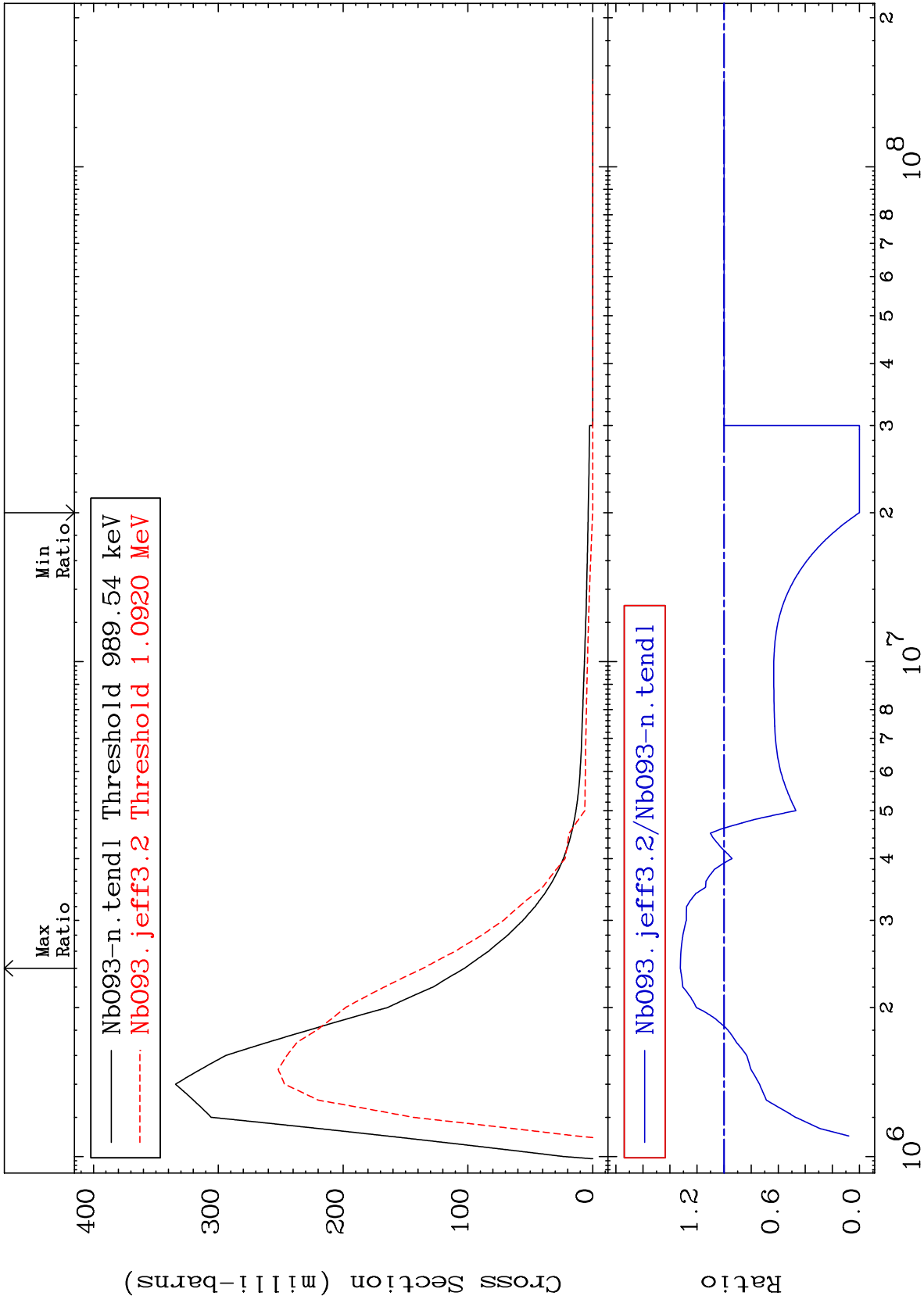
Incident Energy (eV)

41-Nb-93

MAT 4125

978.9 keV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 32.33 %



18

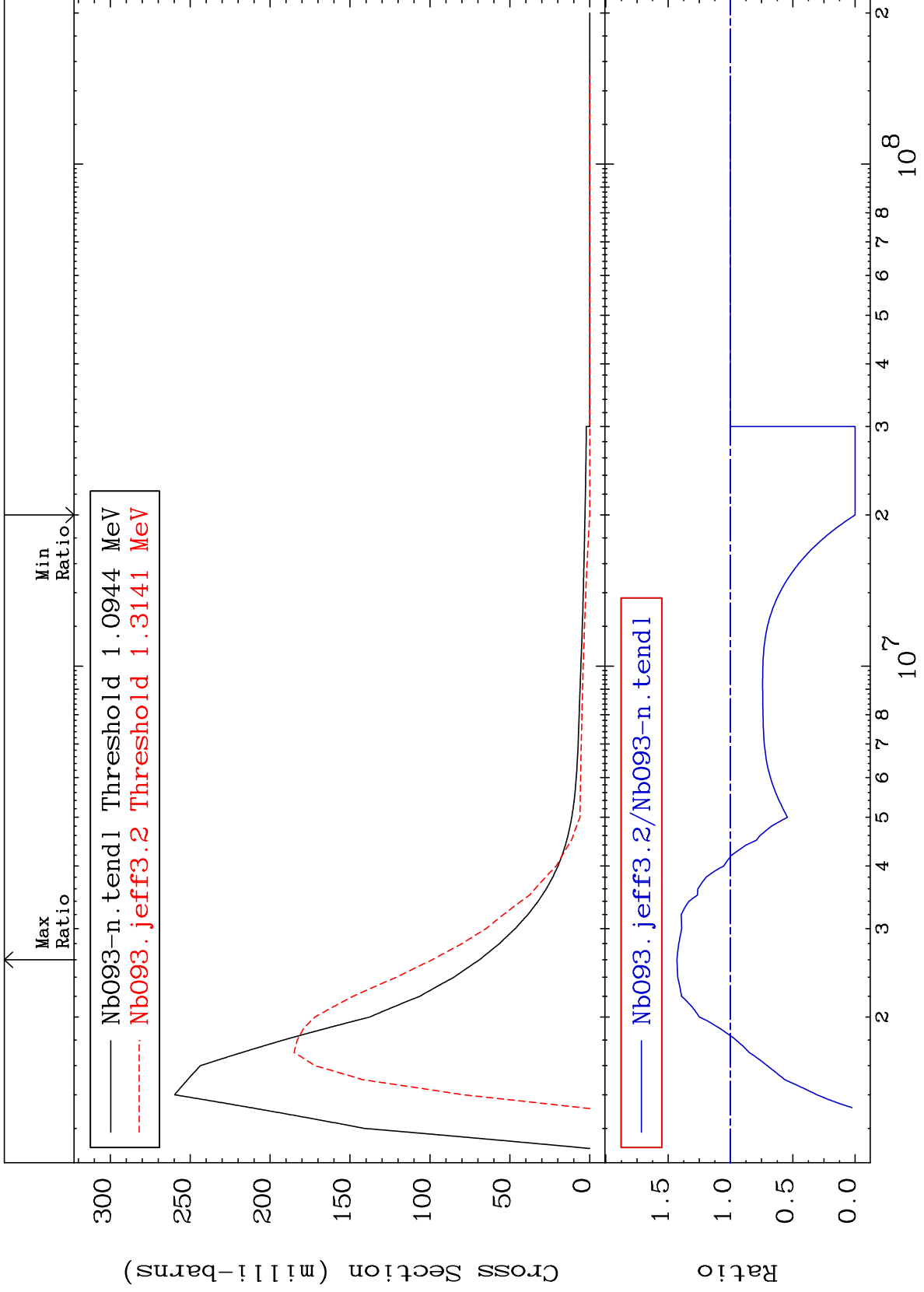
Incident Energy (eV)

41-Nb-93

MAT 4125

1.083 MeV (n, n') Level  
Cross Section

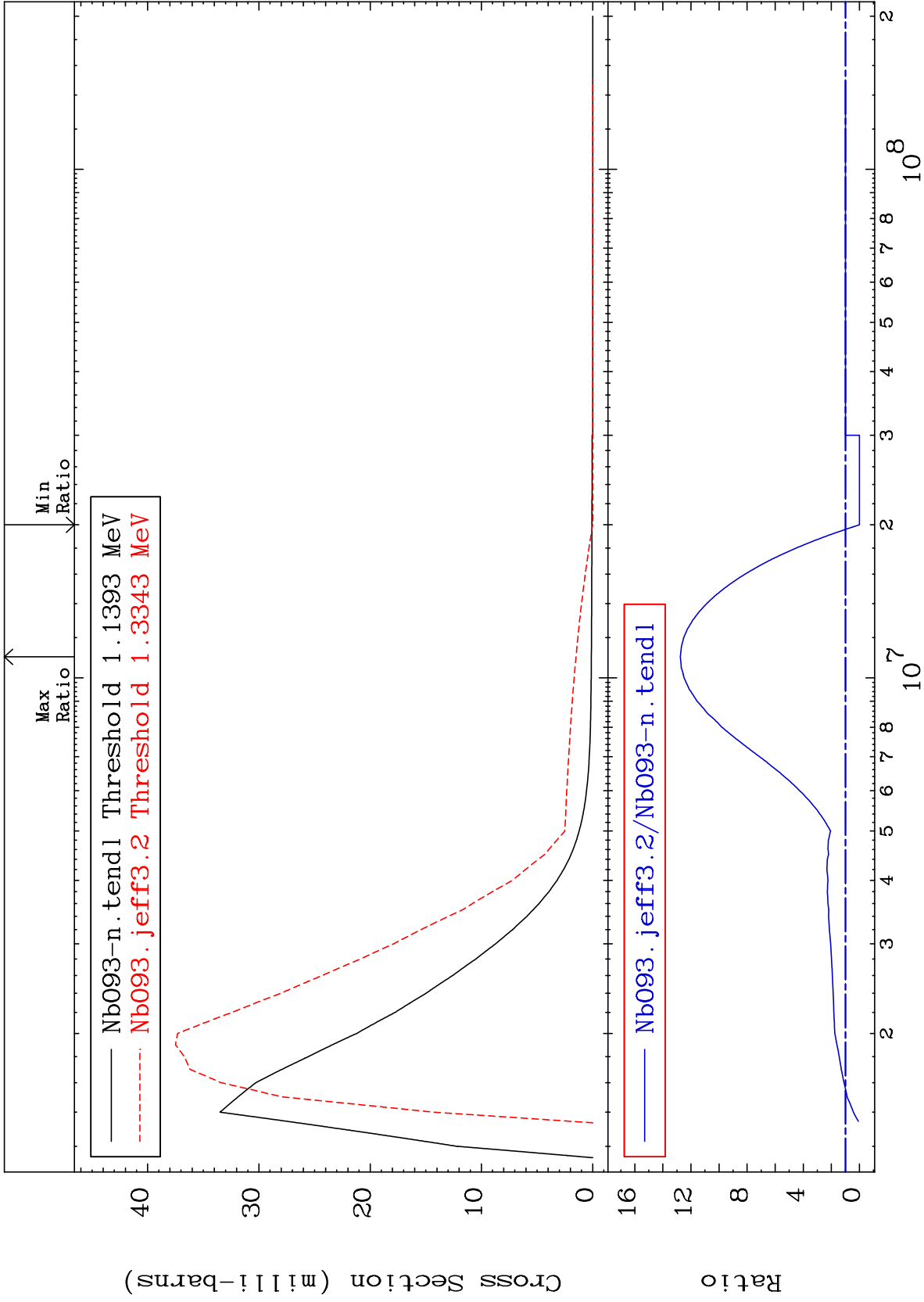
41-Nb-93  
-100.0 To 42.94 %



MAT 4125

1.127 MeV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 1176. %



20

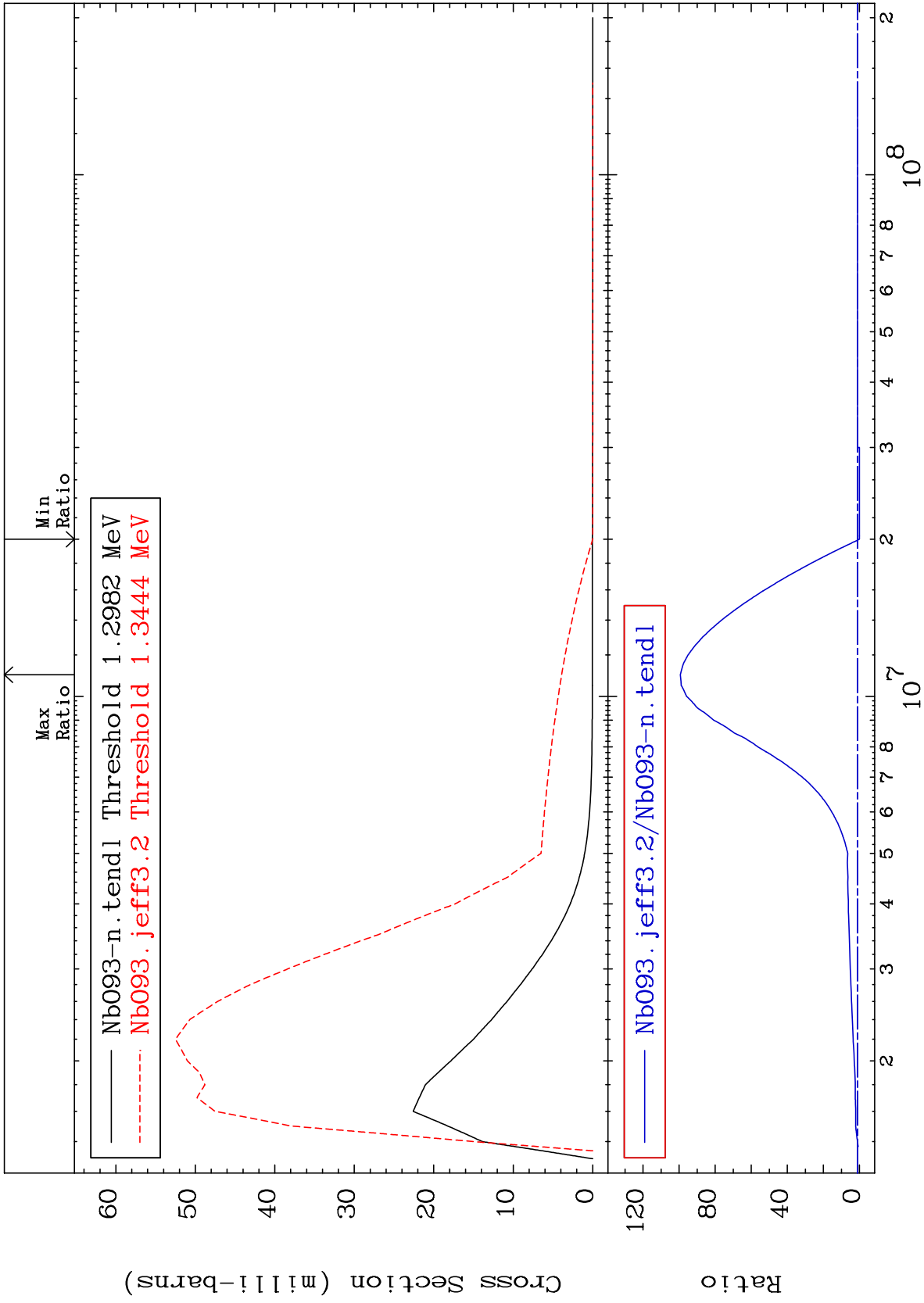
41-Nb-93

41-Nb-93

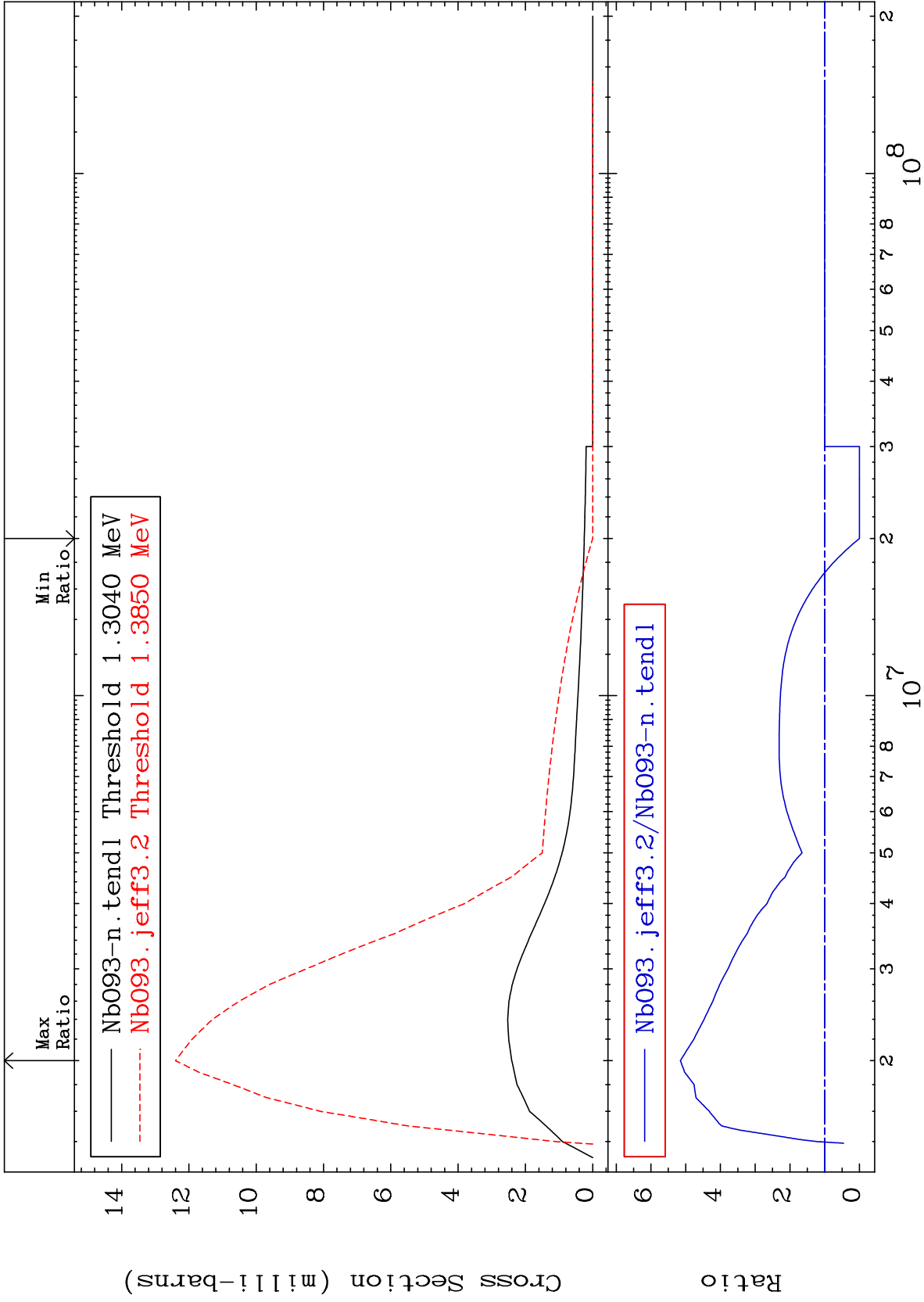
MAT 4125

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 %



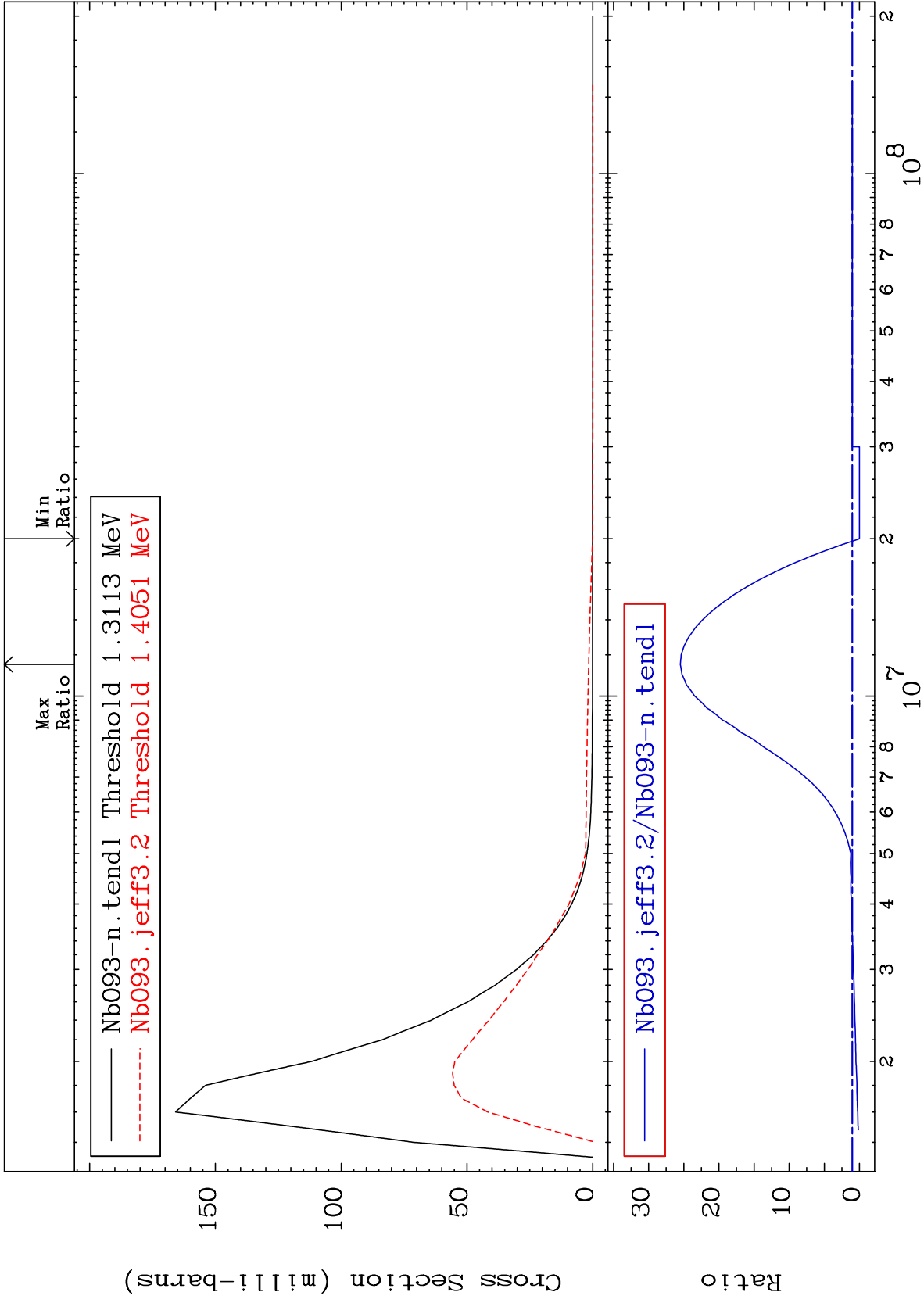
MAT 4125

1.297 MeV (n,n') Level

41-Nb-93

-100.0 To 2448. %

Cross Section



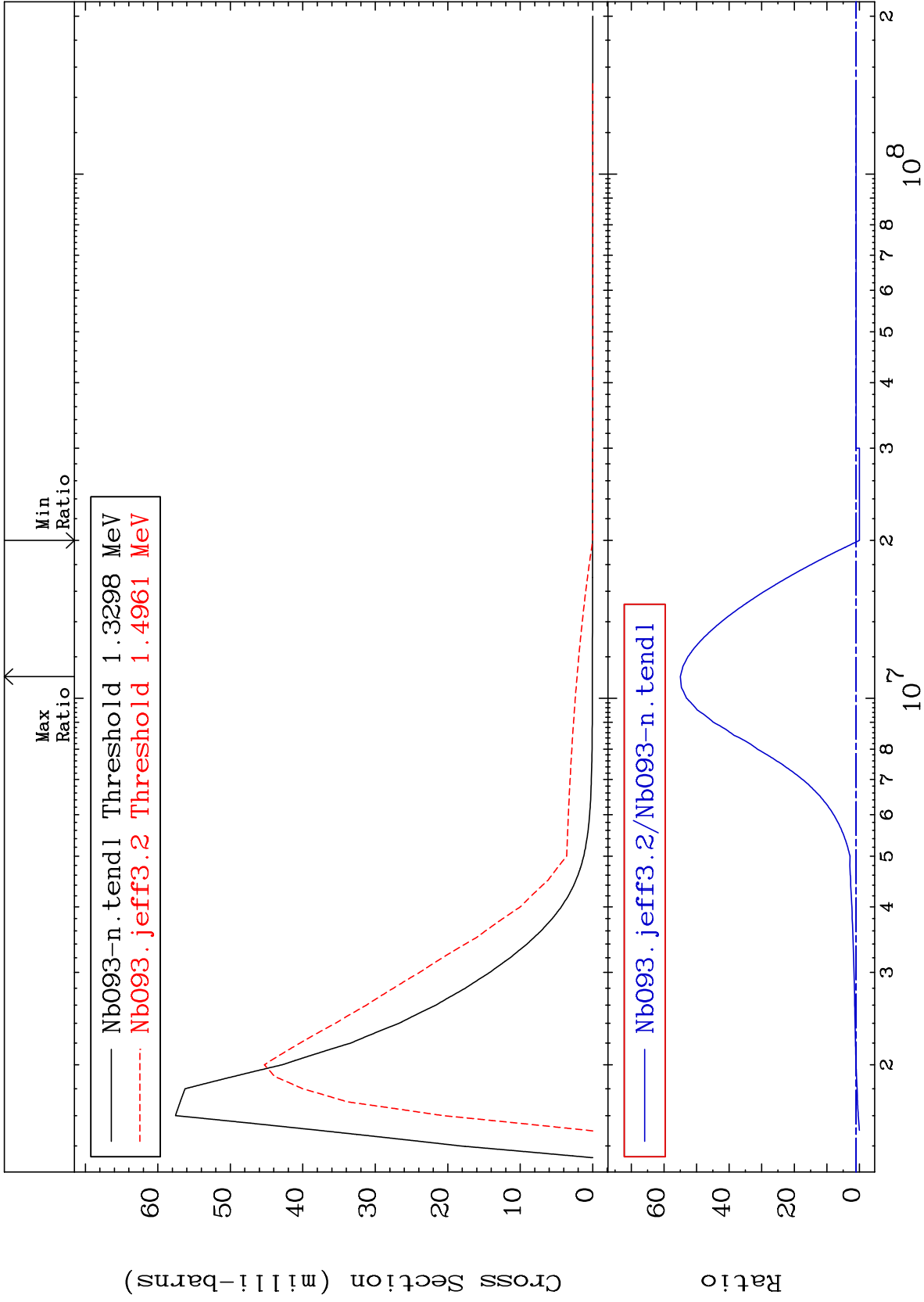
MAT 4125

1.316 MeV (n,n') Level

41-Nb-93

-100.0 To 5397. %

Cross Section

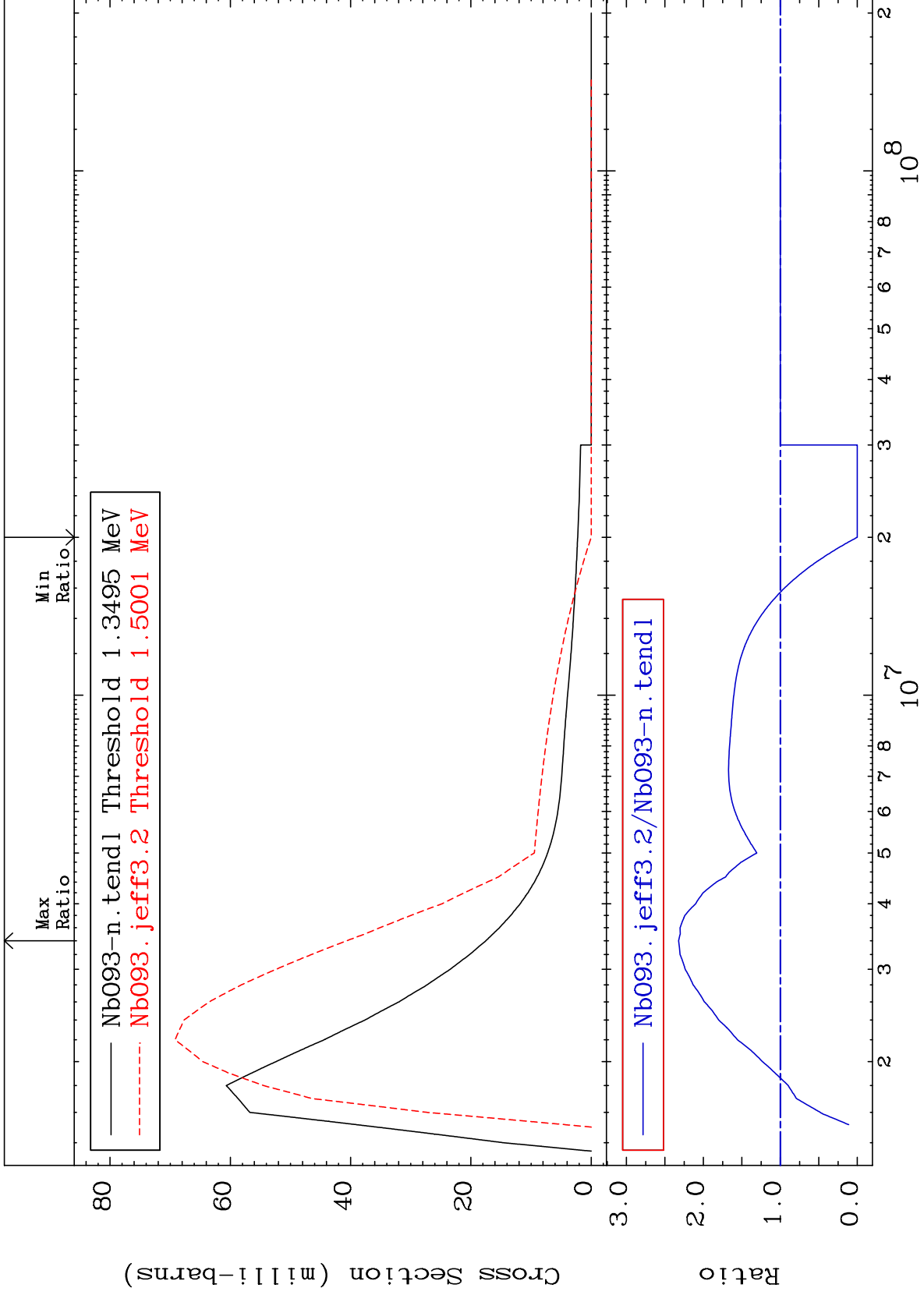




MAT 4125

1.335 MeV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 132.1 %



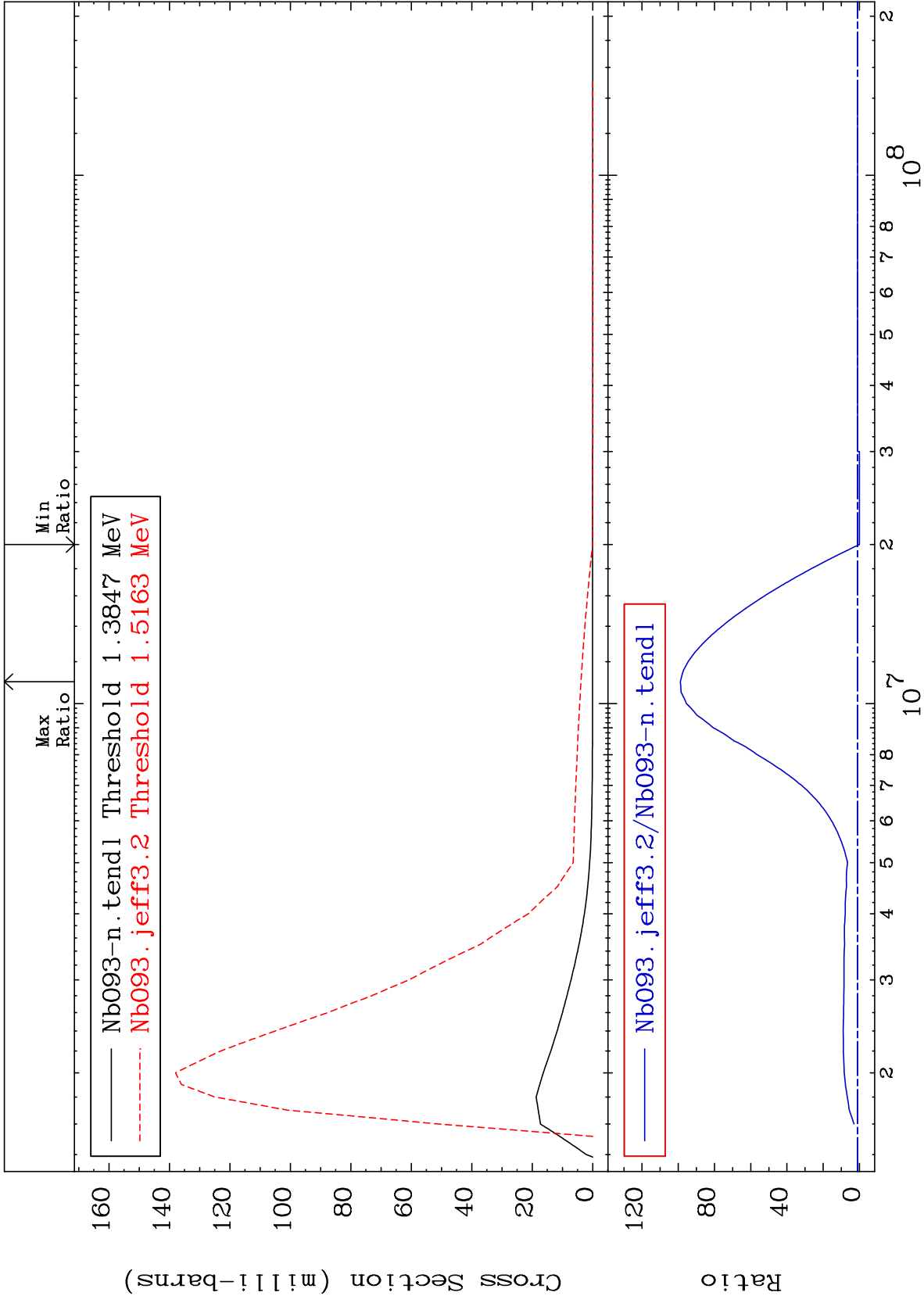
MAT 4125

1.370 MeV (n,n') Level

41-Nb-93

-100.0 To 9785. %

Cross Section

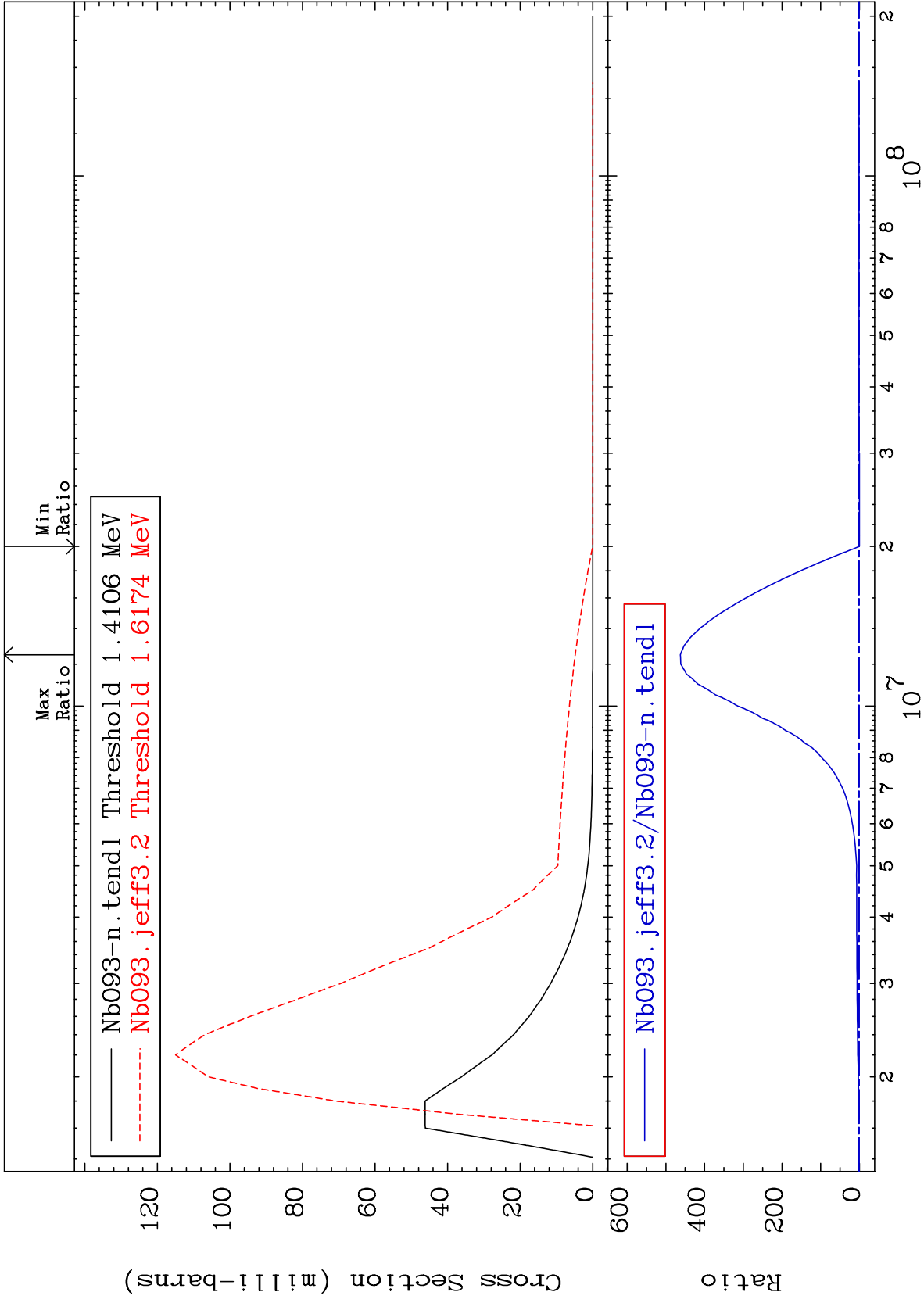


MAT 4125

1.395 MeV (n,n') Level

41-Nb-93

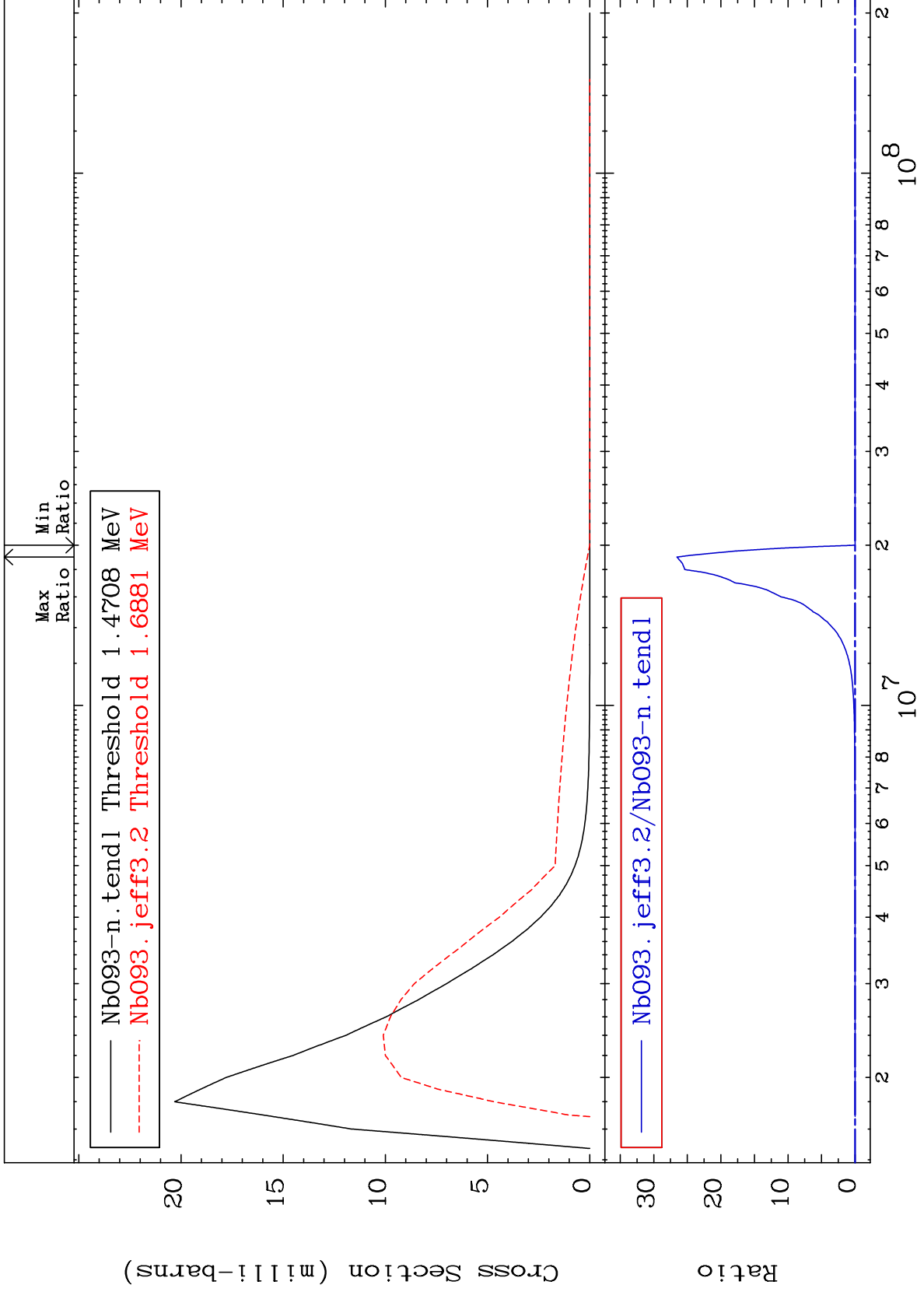
-100.0 To 9999. %



MAT 4125

1.455 MeV (n,n') Level  
Cross Section

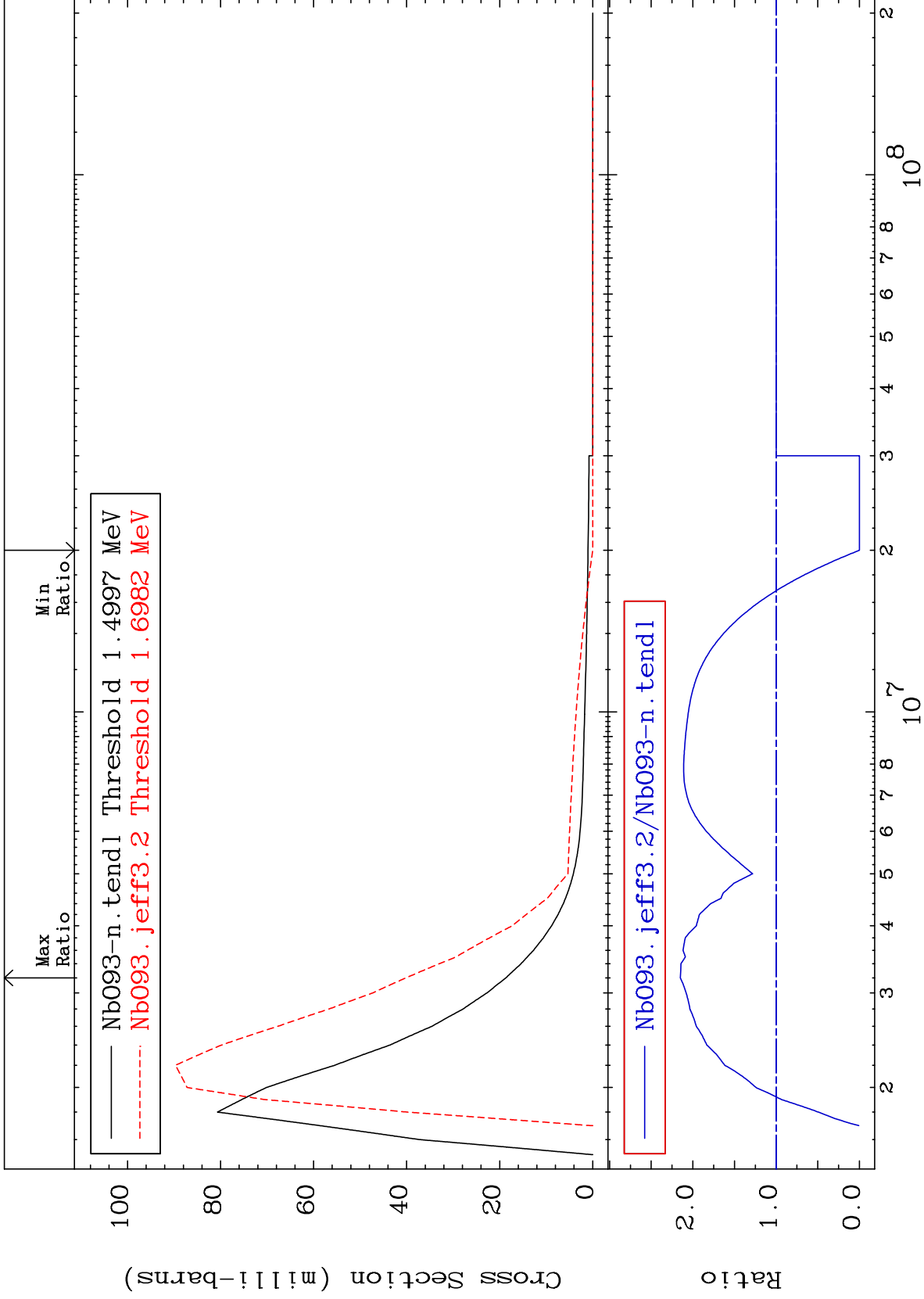
41-Nb-93  
-100.0 To 9999. %



MAT 4125

1.484 MeV (n,n') Level  
Cross Section

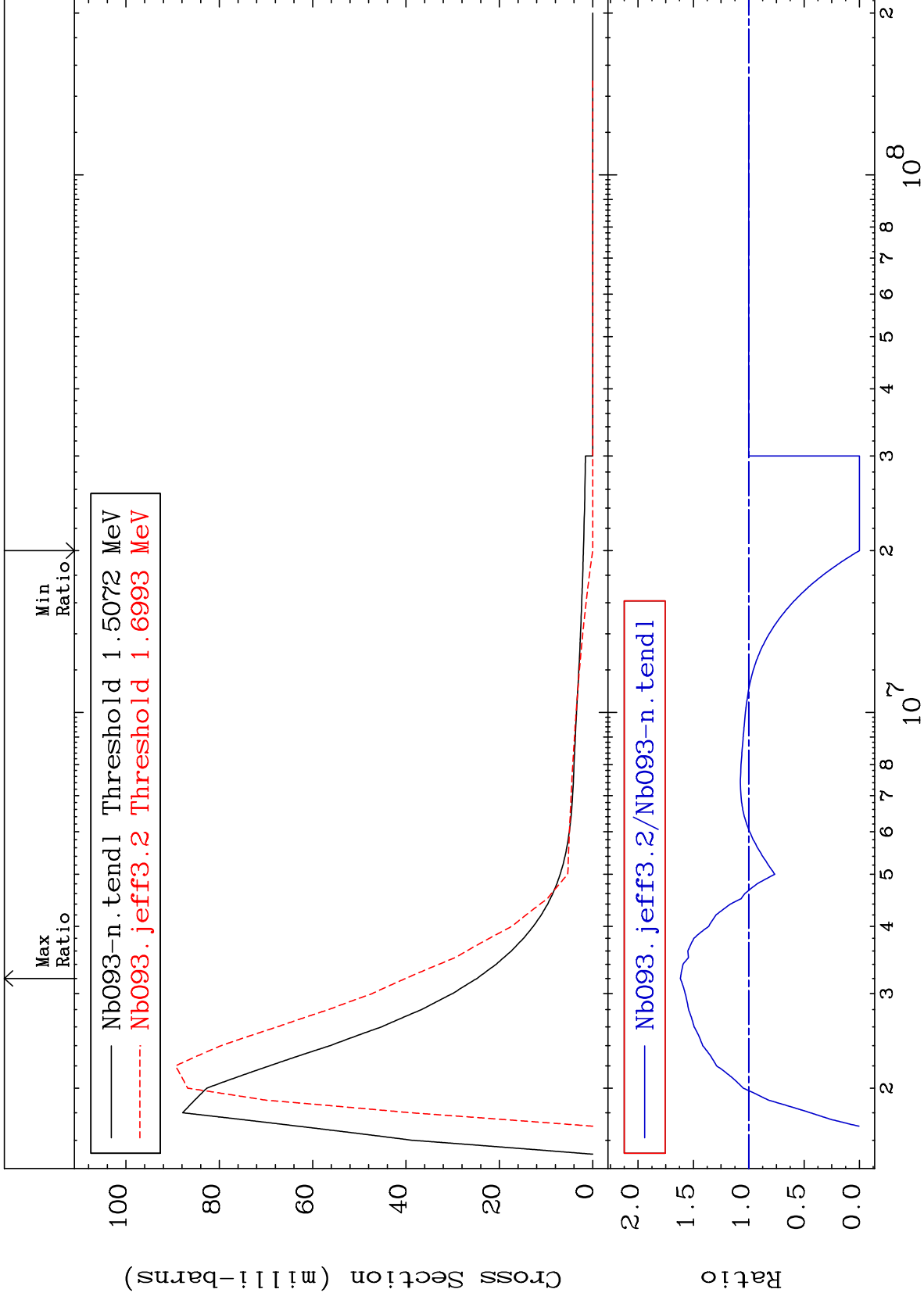
41-Nb-93  
-100.0 To 115.0 %



MAT 4125

1.491 MeV (n,n') Level  
Cross Section

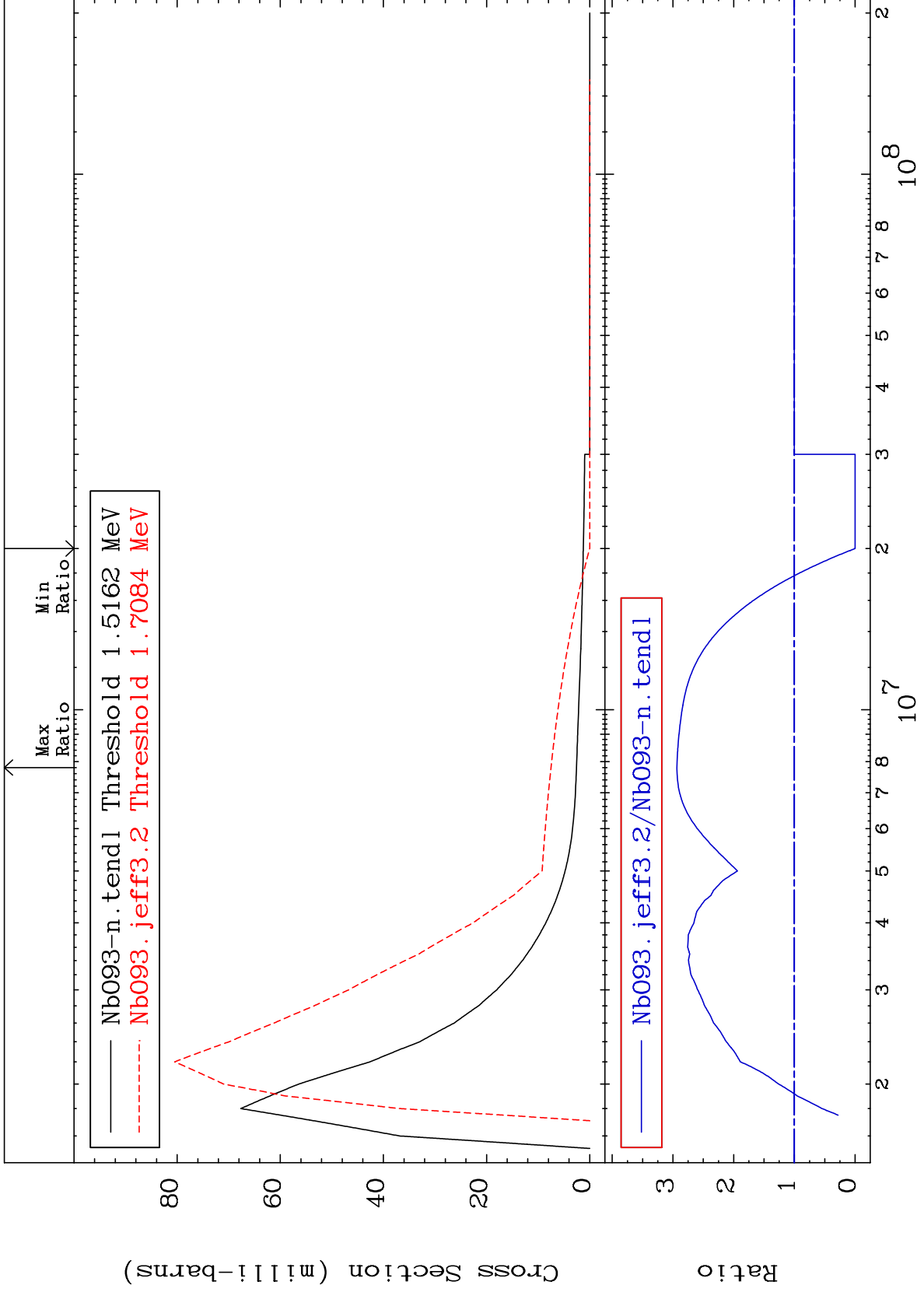
41-Nb-93  
-100.0 To 61.78 %



MAT 4125

1.500 MeV (n,n') Level  
Cross Section

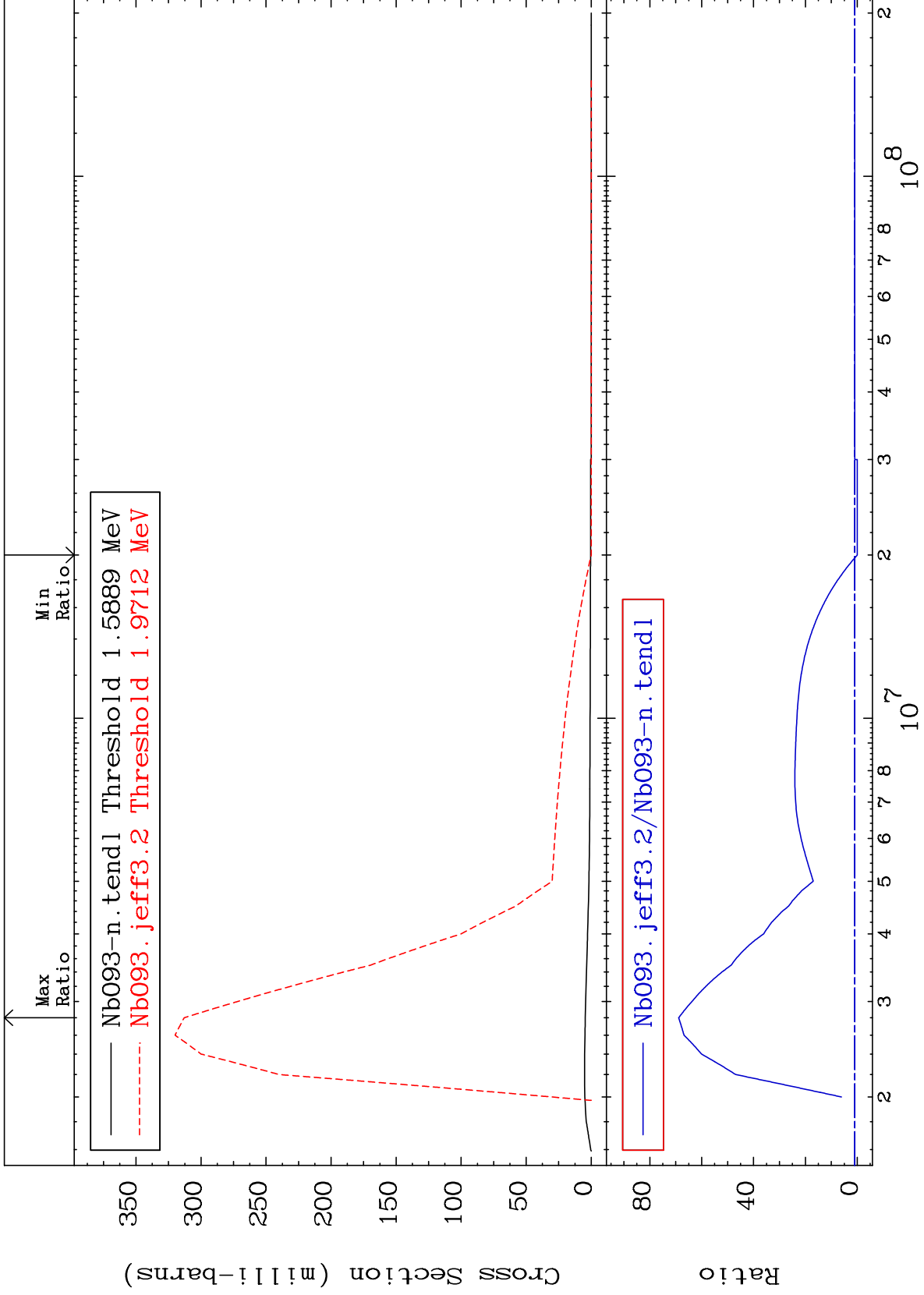
41-Nb-93  
-100.0 To 193.4 %



MAT 4125

1.572 MeV (n,n') Level  
Cross Section

41-Nb-93  
-100.0 To 6788. %

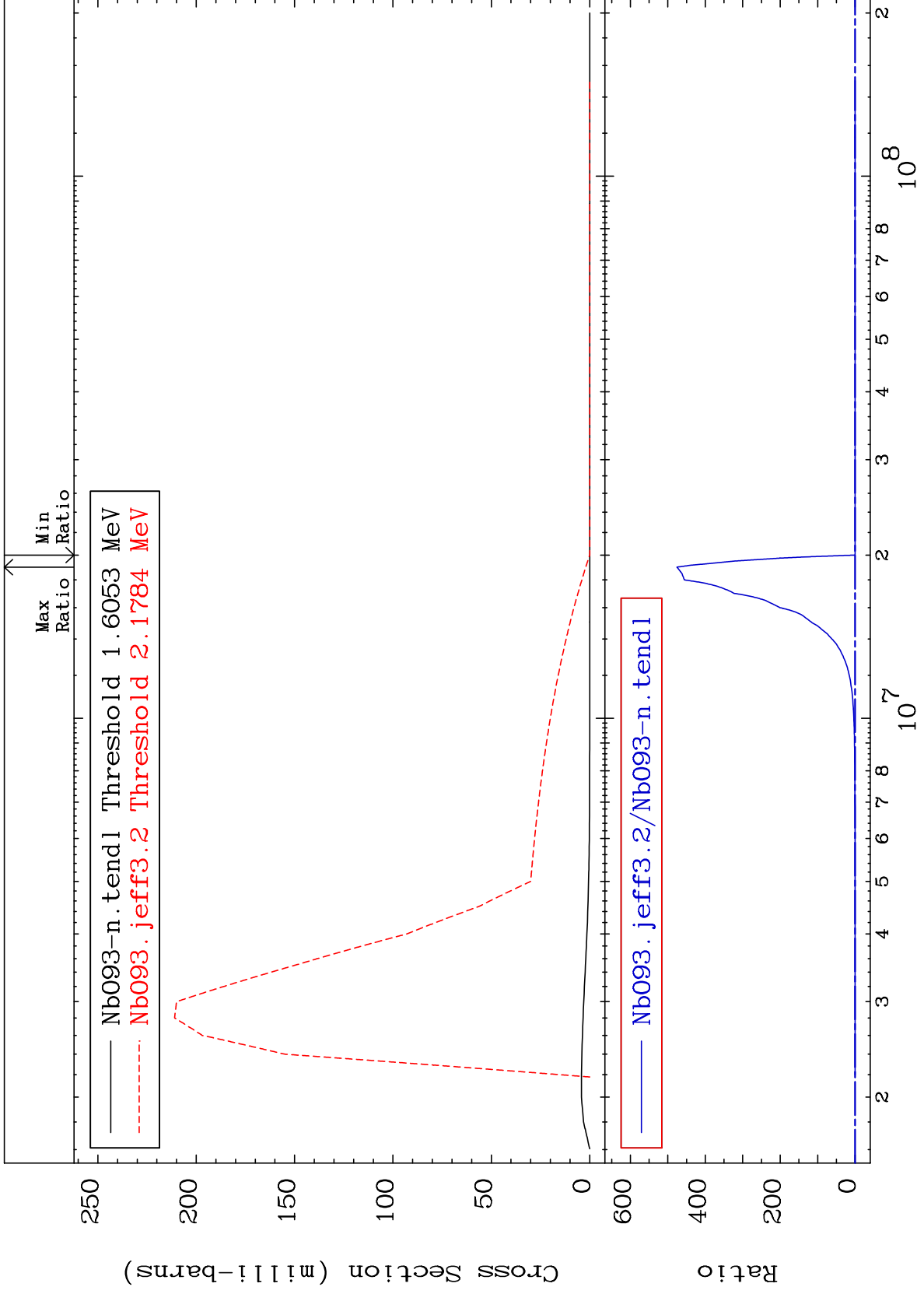




MAT 4125

1.588 MeV (n,n') Level  
Cross Section

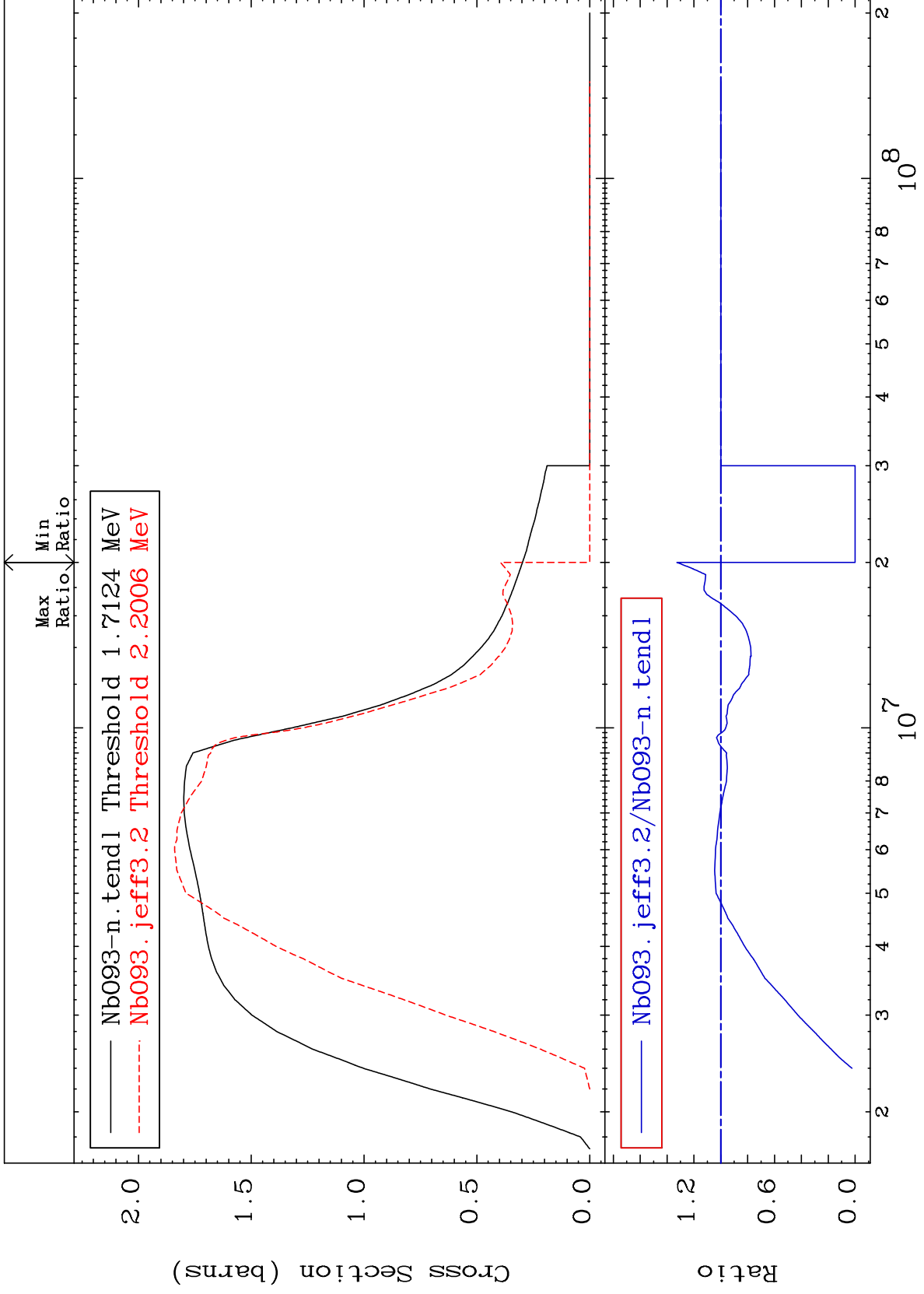
41-Nb-93  
-100.0 To 9999. %



MAT 4125

(n, n') Continuum  
Cross Section

41-Nb-93  
-100.0 To 32.64 %



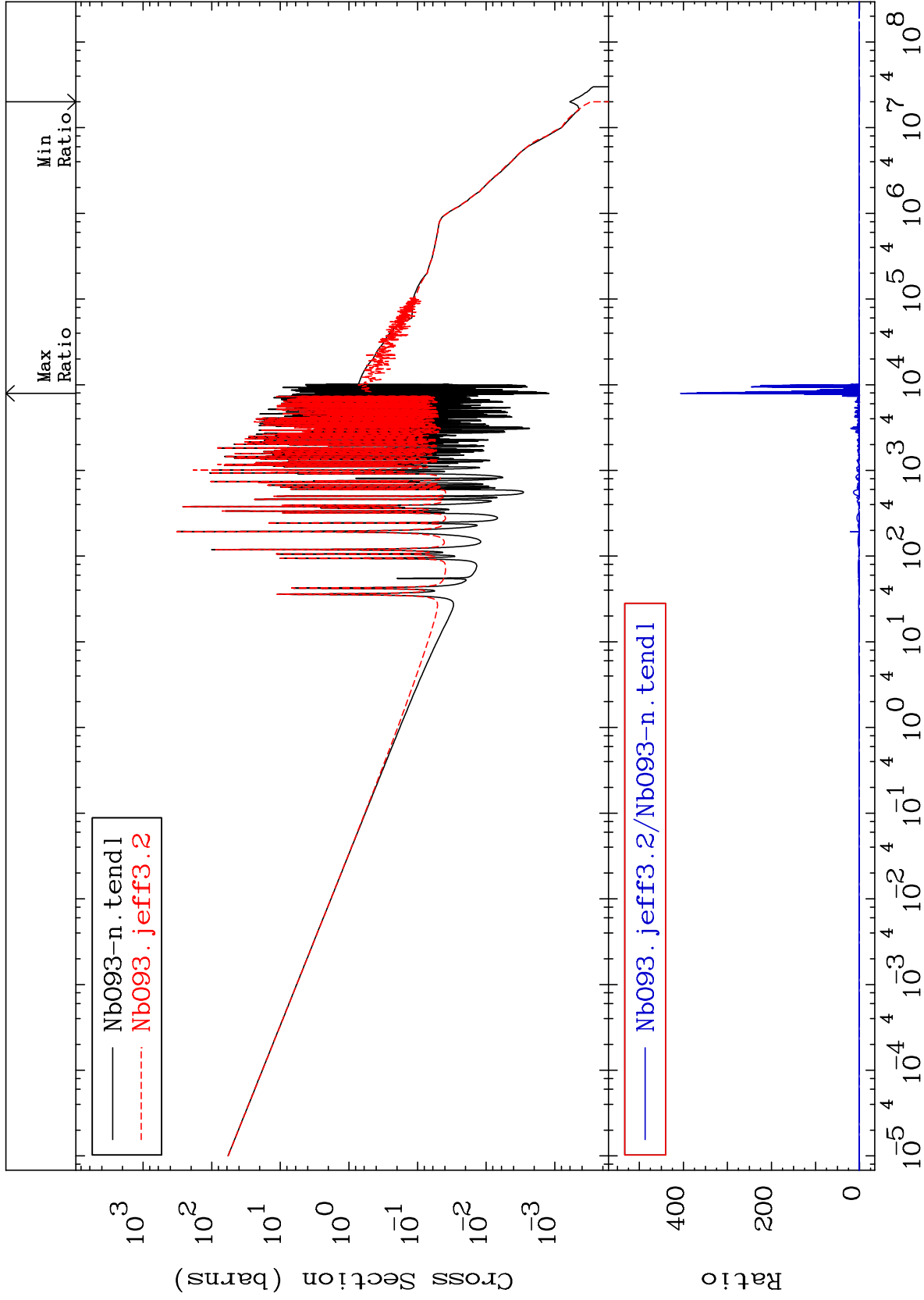
MAT 4125

(n,  $\gamma$ )

41-Nb-93

Cross Section

-100.0 To 9999. %



35

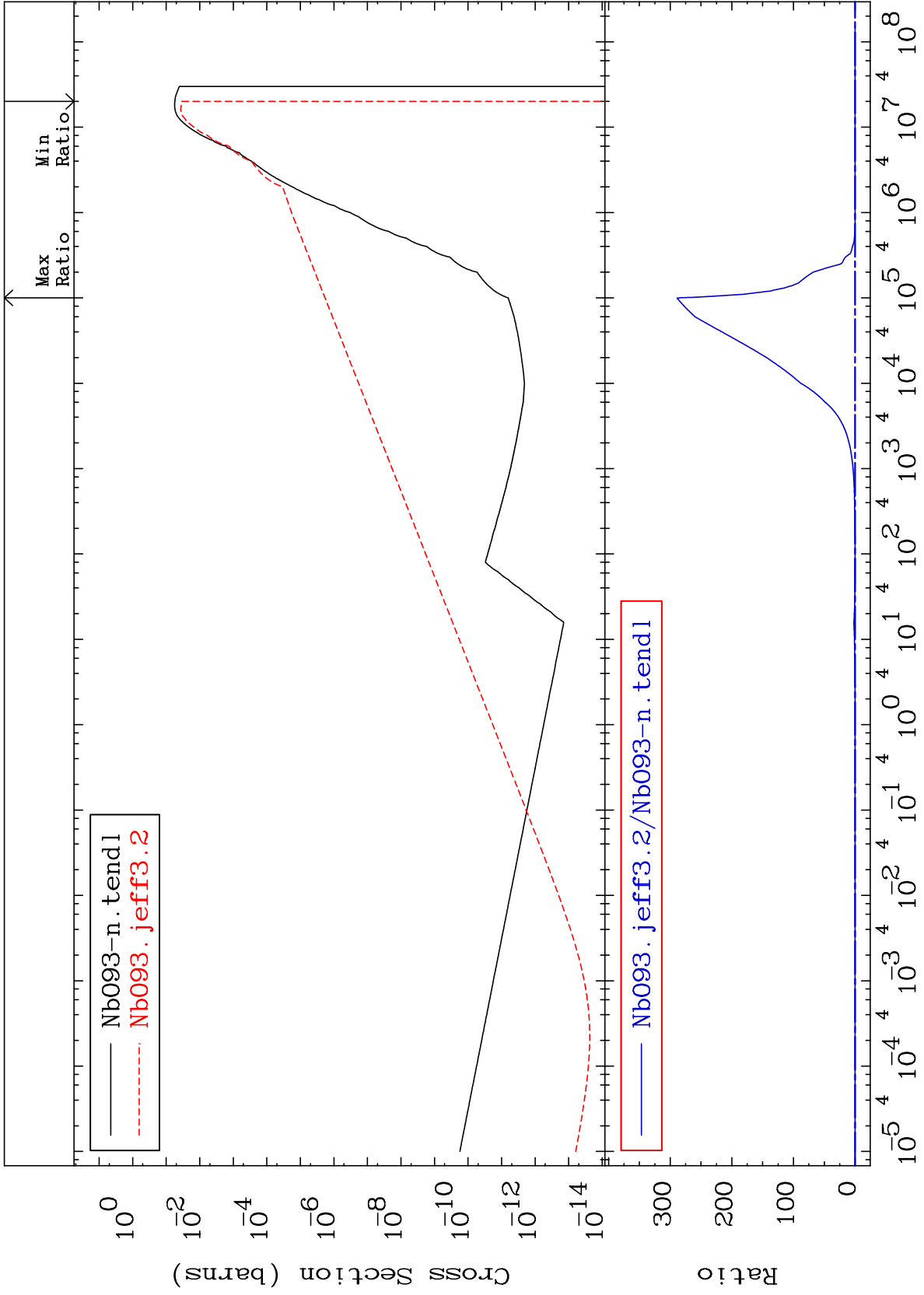
Incident Energy (eV)

41-Nb-93

MAT 4125

(n,p)  
Cross Section

41-Nb-93  
-100.0 To 9999. %



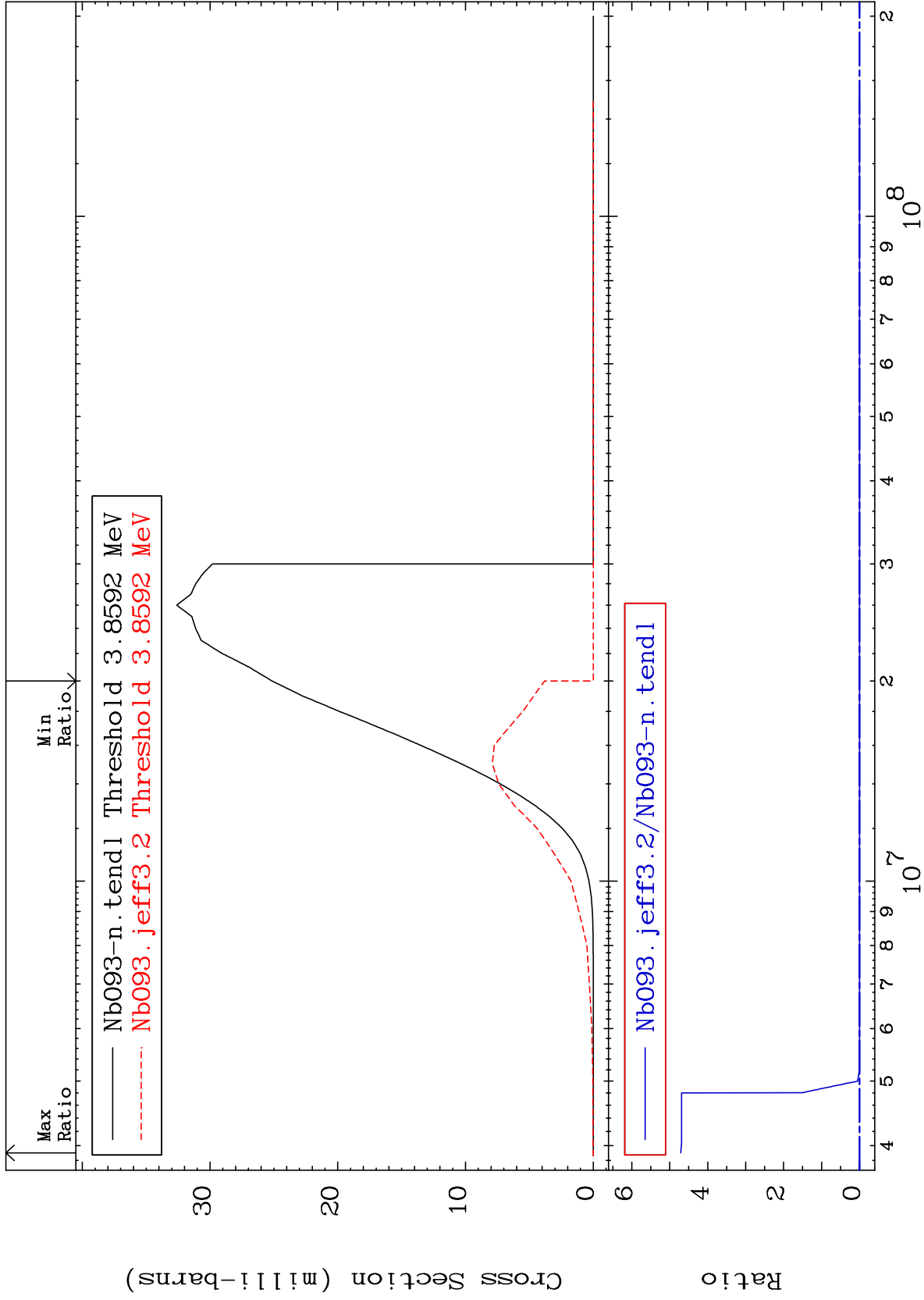
MAT 4125

(n, d)

41-Nb-93

Cross Section

-100.0 To 9999. %



37

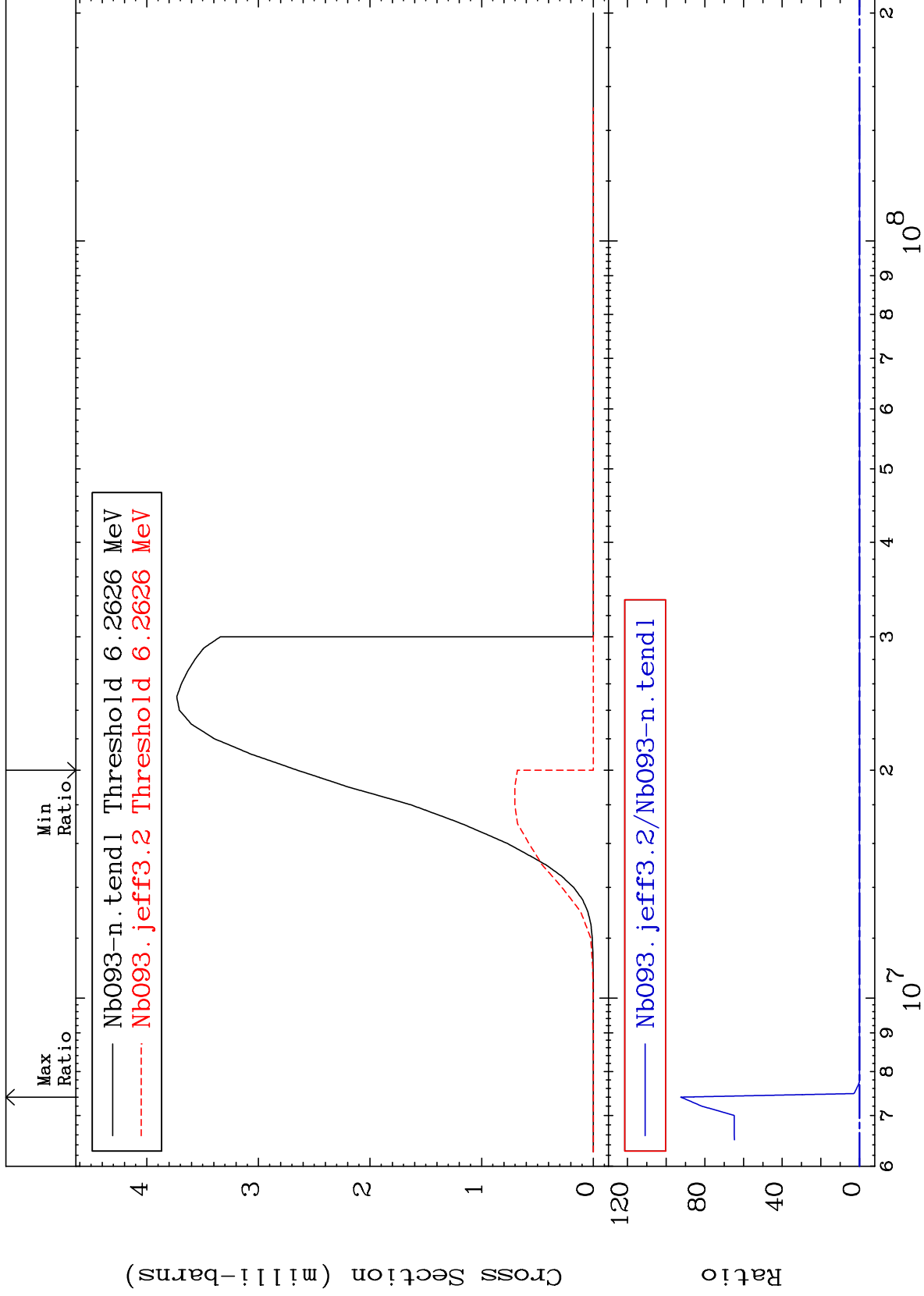
Incident Energy (eV)

41-Nb-93

MAT 4125

(n, t)  
Cross Section

41-Nb-93  
-100.0 To 9999. %



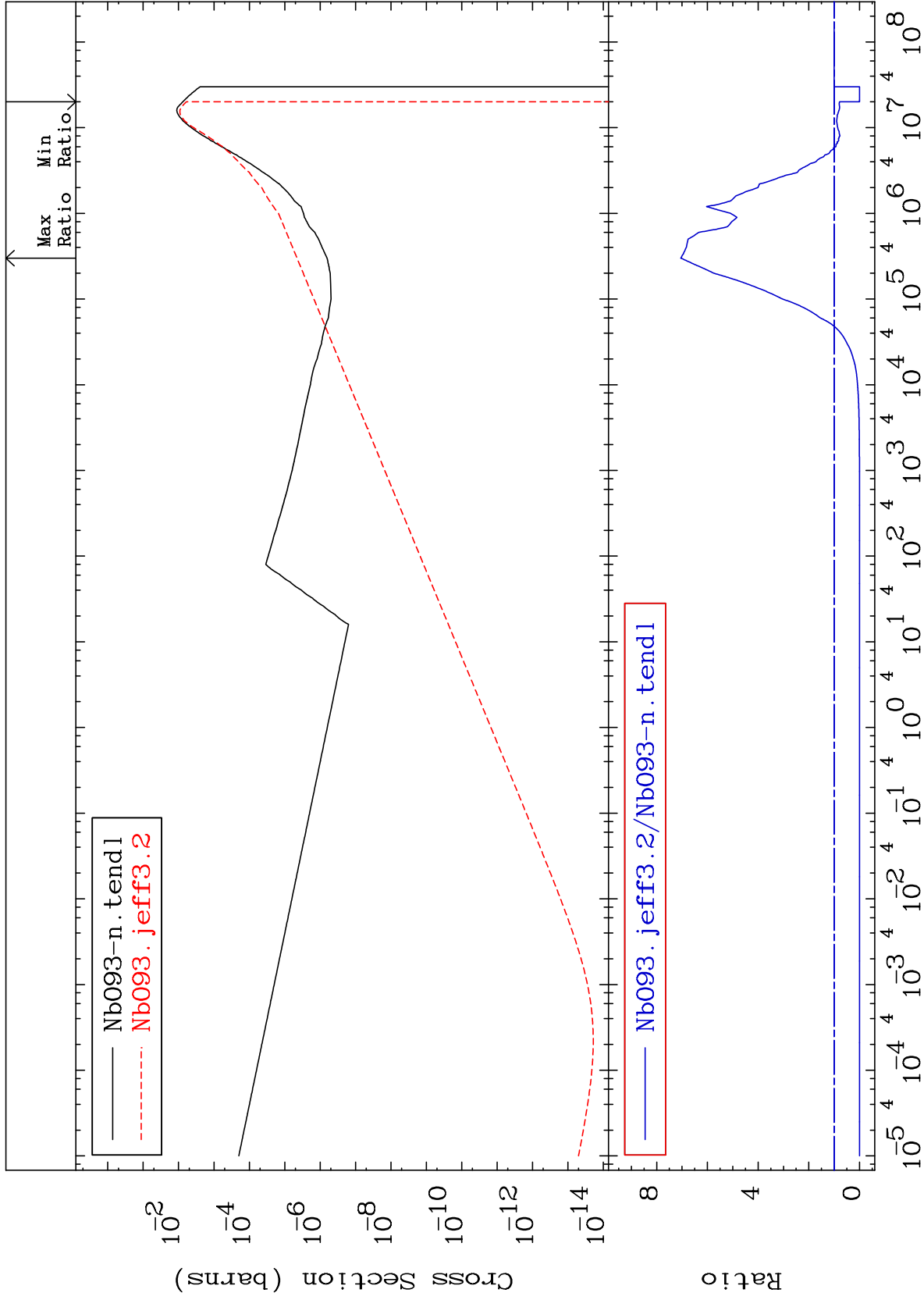
MAT 4125

(n,  $\alpha$ )

41-Nb-93

Cross Section

-100.0 To 605.0 %



39

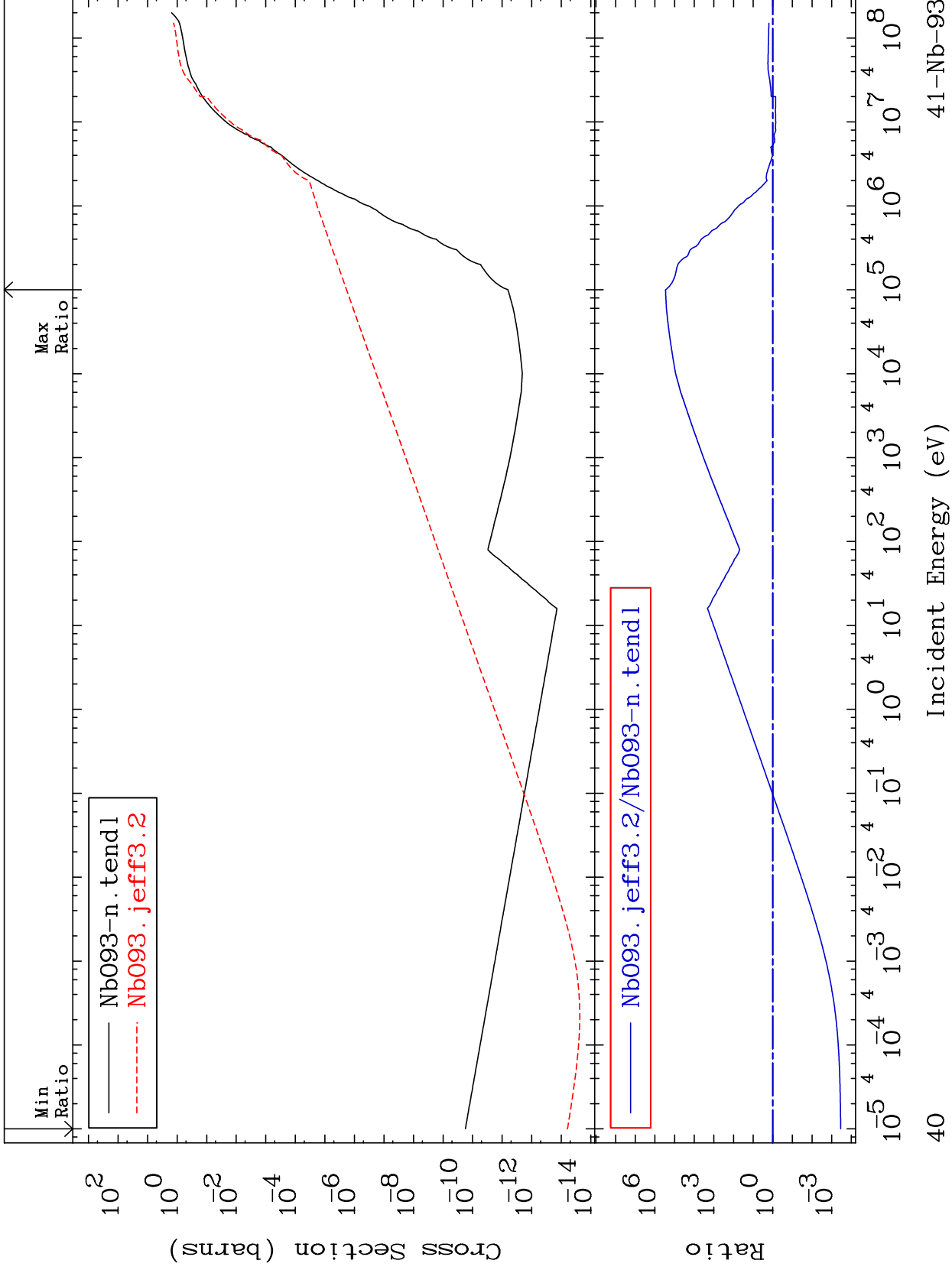
Incident Energy (eV)

41-Nb-93

MAT 4125

Hydrogen Production  
Cross Section

41-Nb-93  
-99.97 To 9999. %

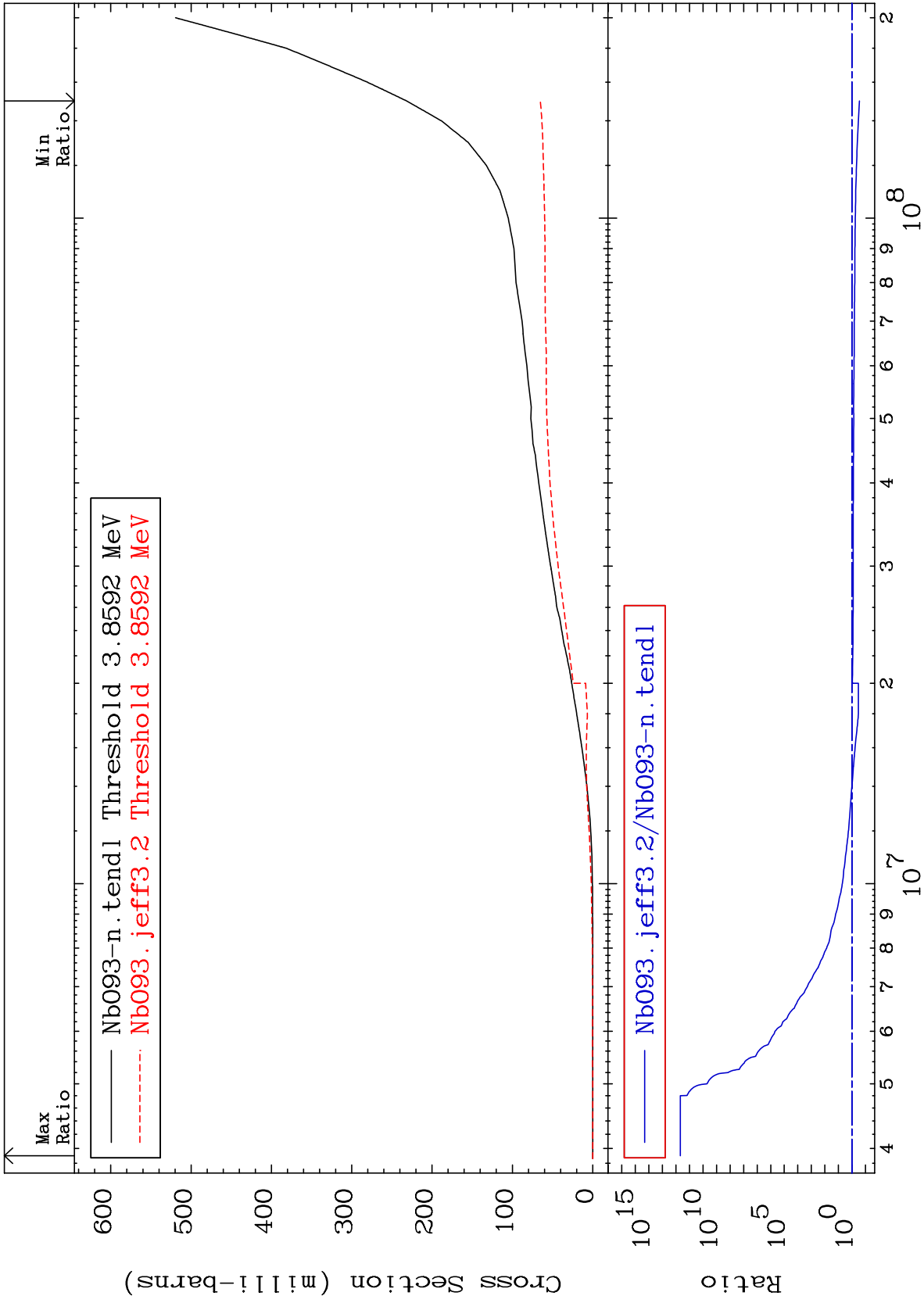




MAT 4125

Deuterium Production  
Cross Section

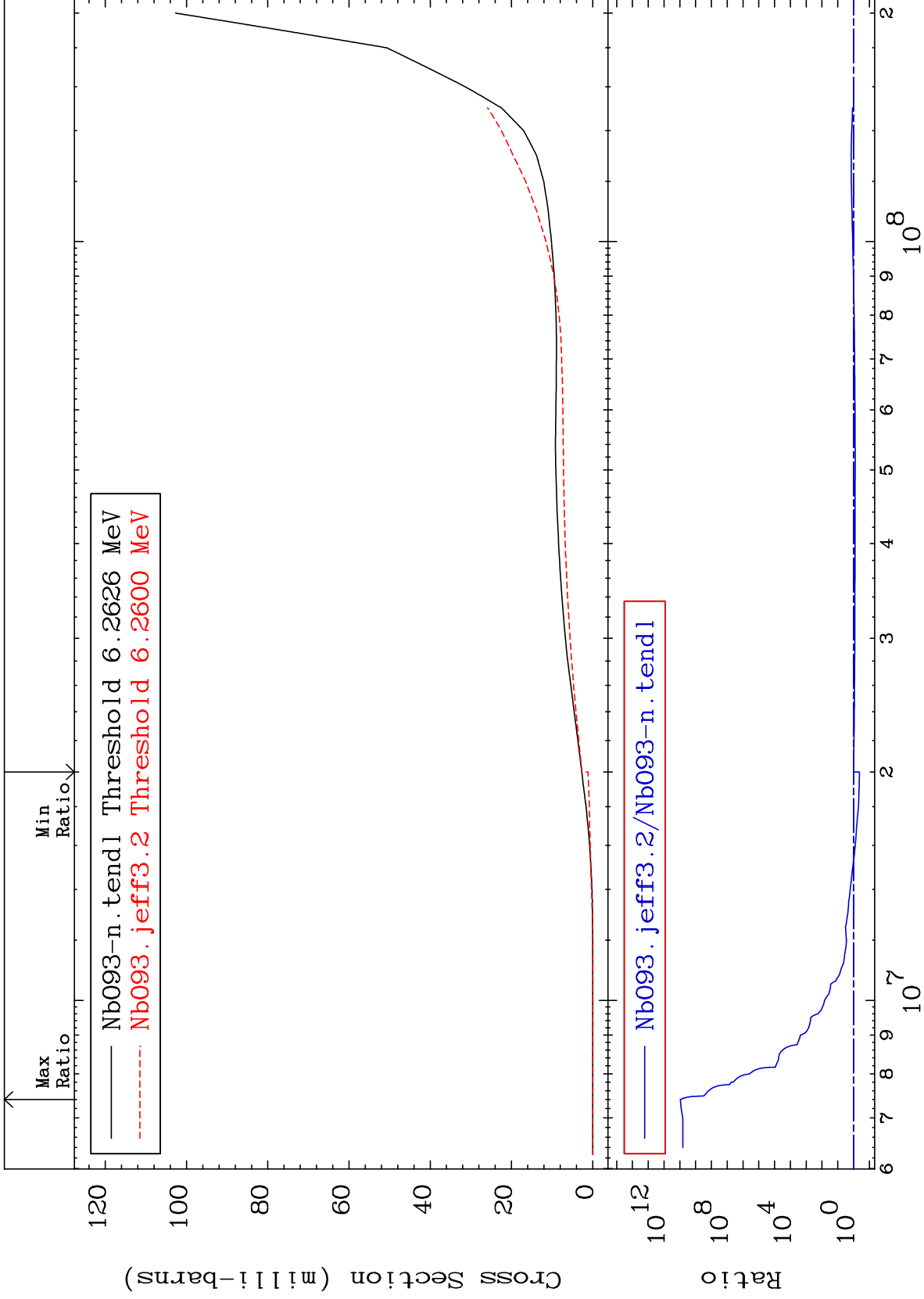
41-Nb-93  
-71.92 To 9999. %



MAT 4125

### Tritium Production Cross Section

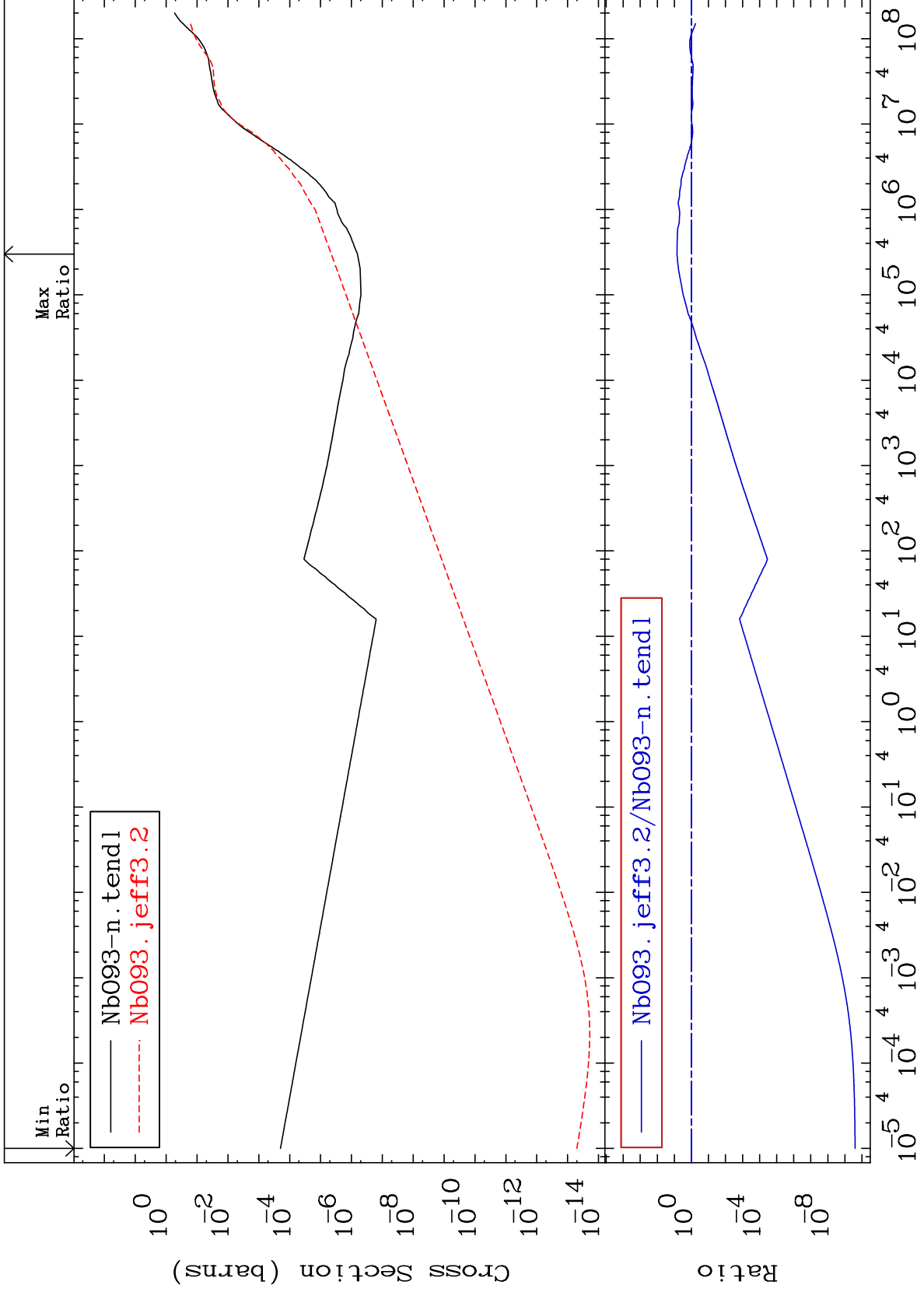
41-Nb-93  
-57.64 To 9999. %



MAT 4125

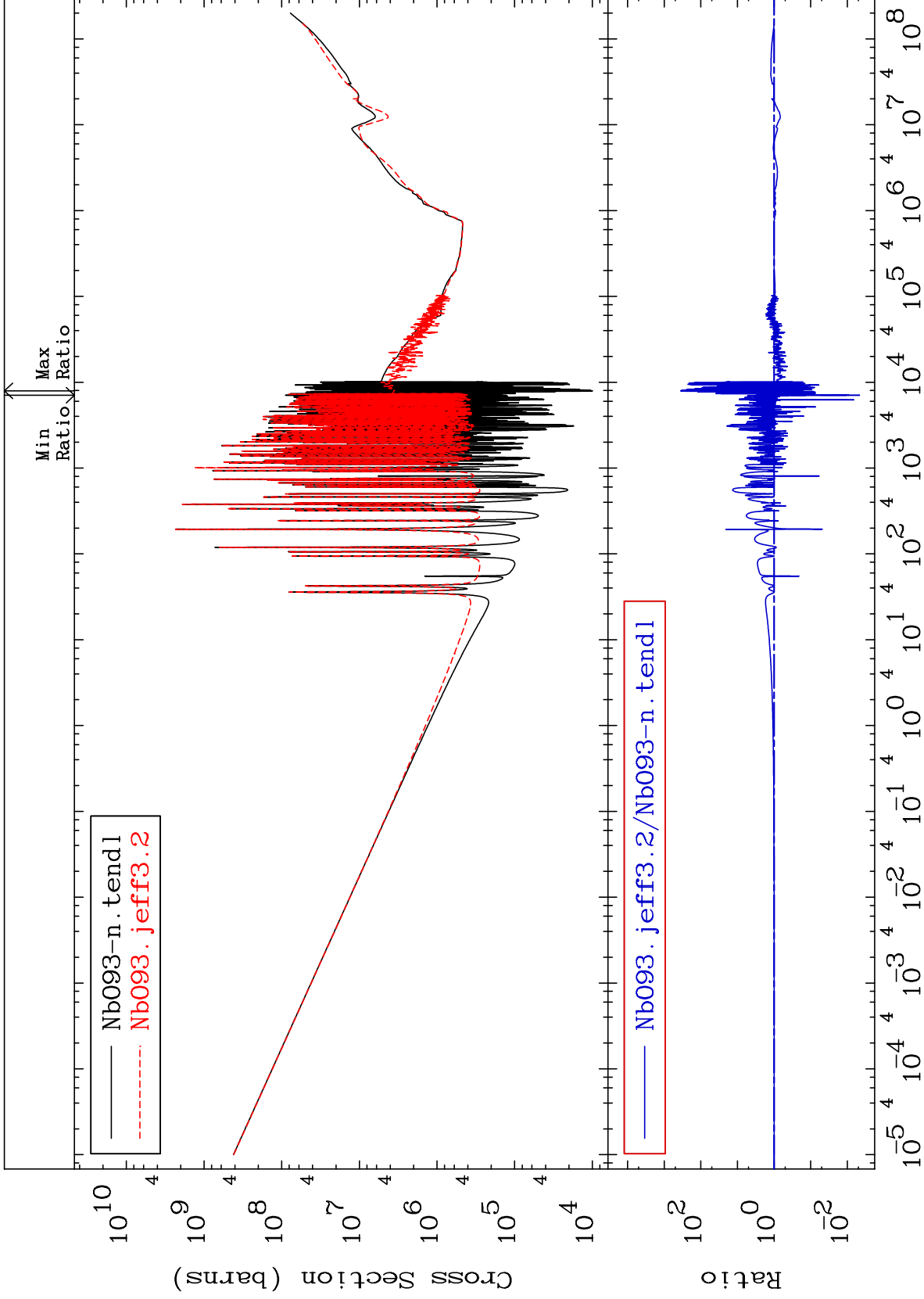
He-4 Production  
Cross Section

41-Nb-93  
-100.0 To 605.0 %



Cross Section

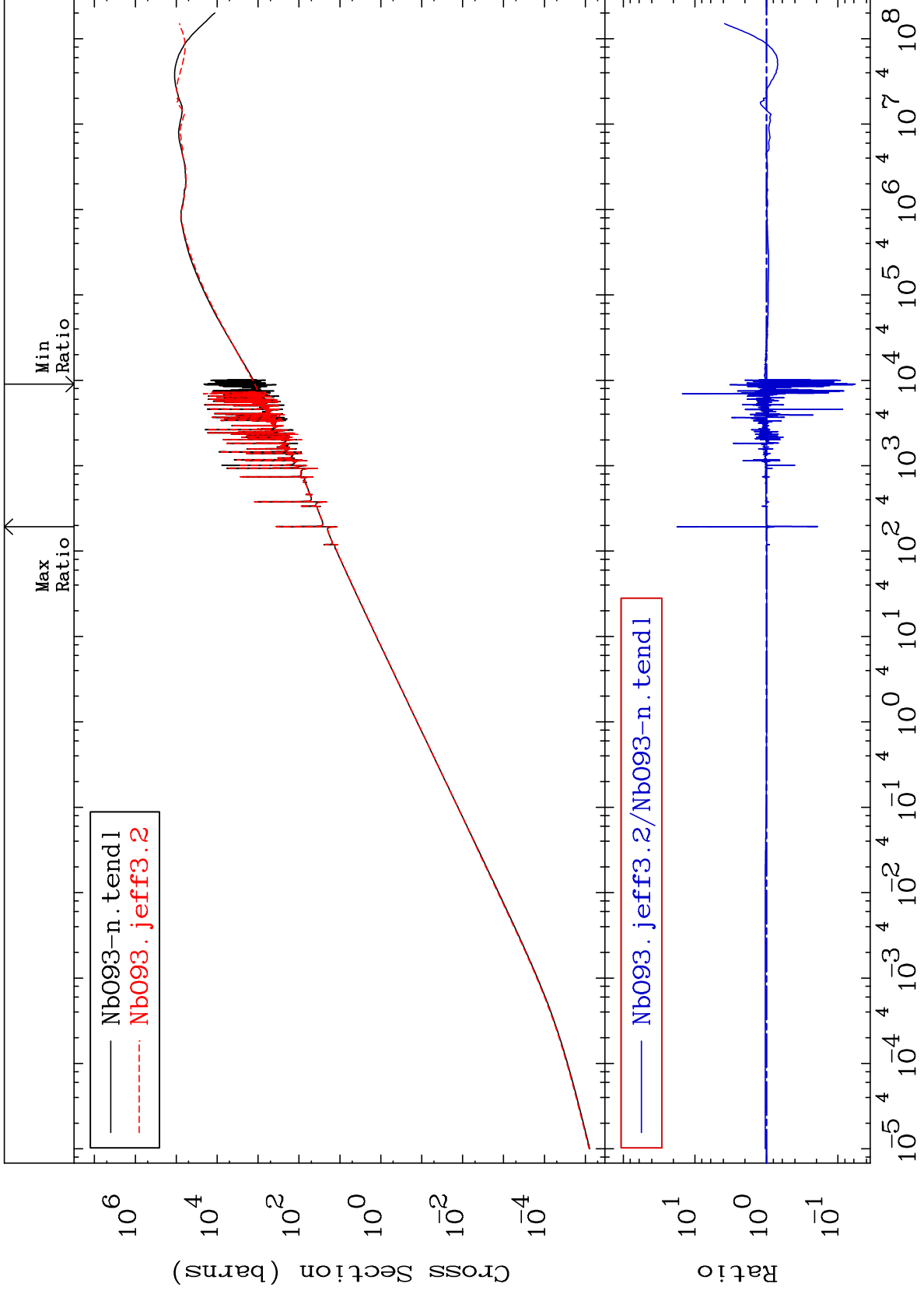
-99.53 To 9999. %

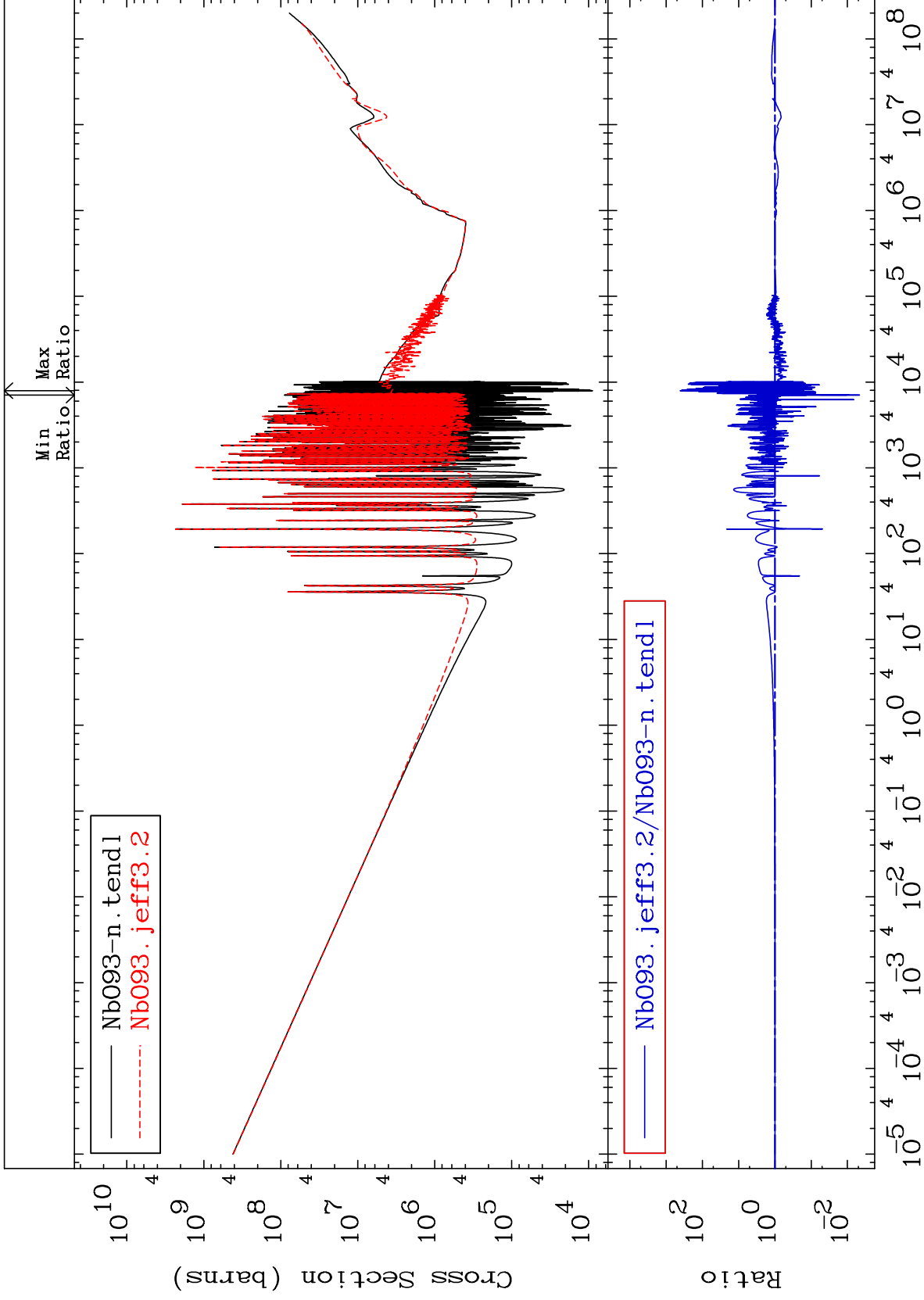


MAT 4125

Kerma elastic  
Cross Section

41-Nb-93  
-94.24 To 1682. %

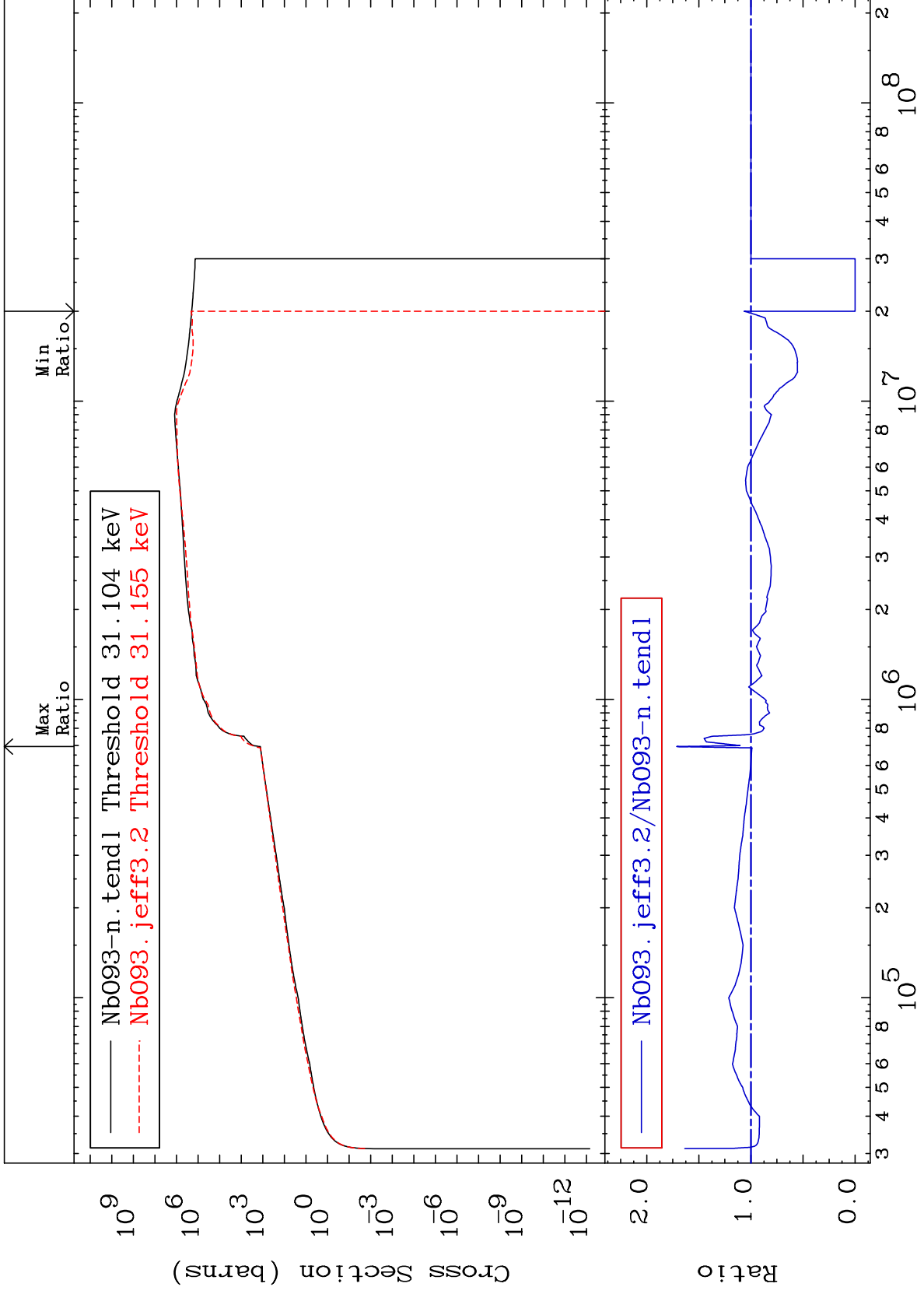




MAT 4125

Kerma inelastic (mt51-91)  
Cross Section

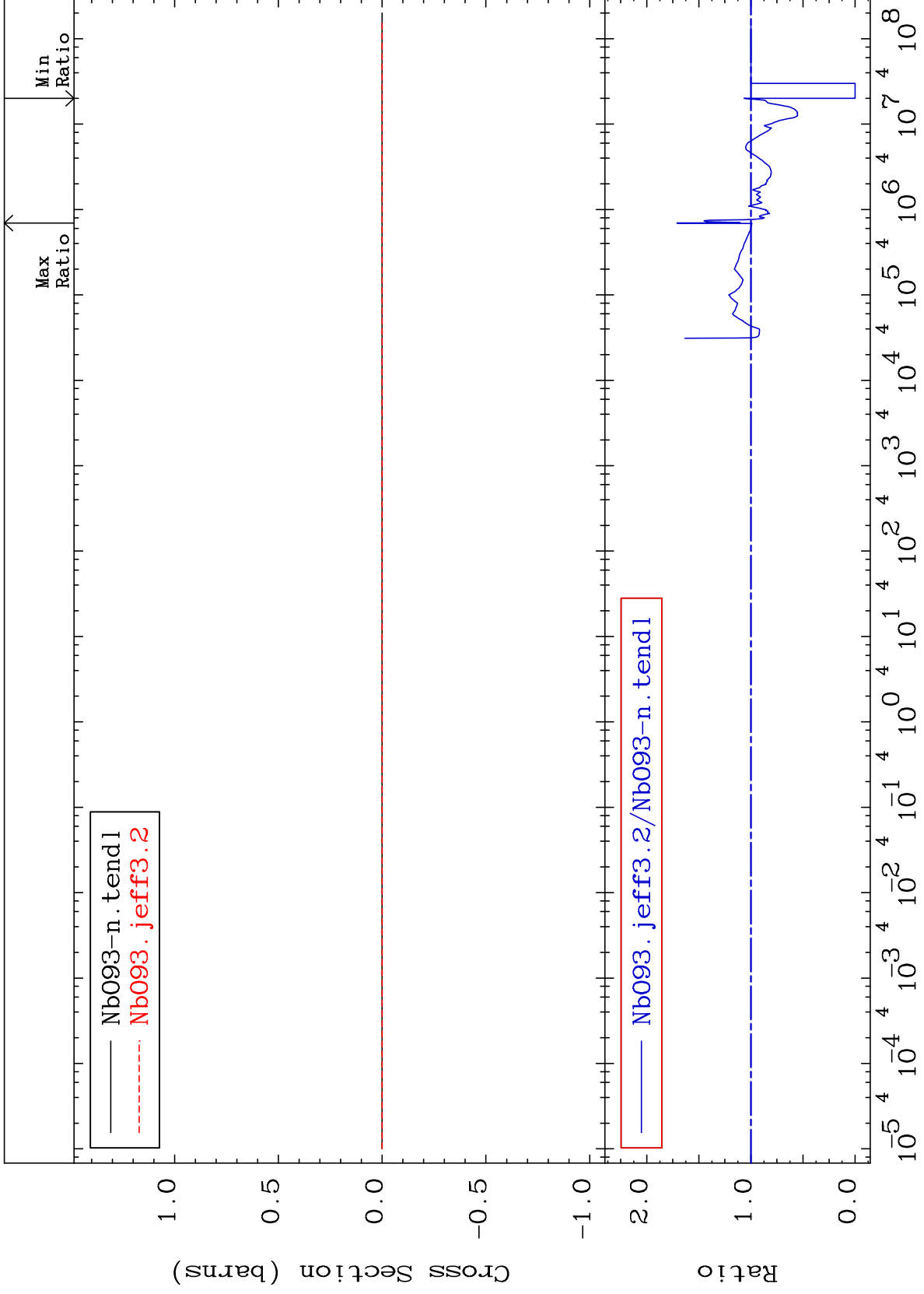
41-Nb-93  
-100.0 To 71.06 %



MAT 4125

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

41-Nb-93  
-100.0 To 71.06 %

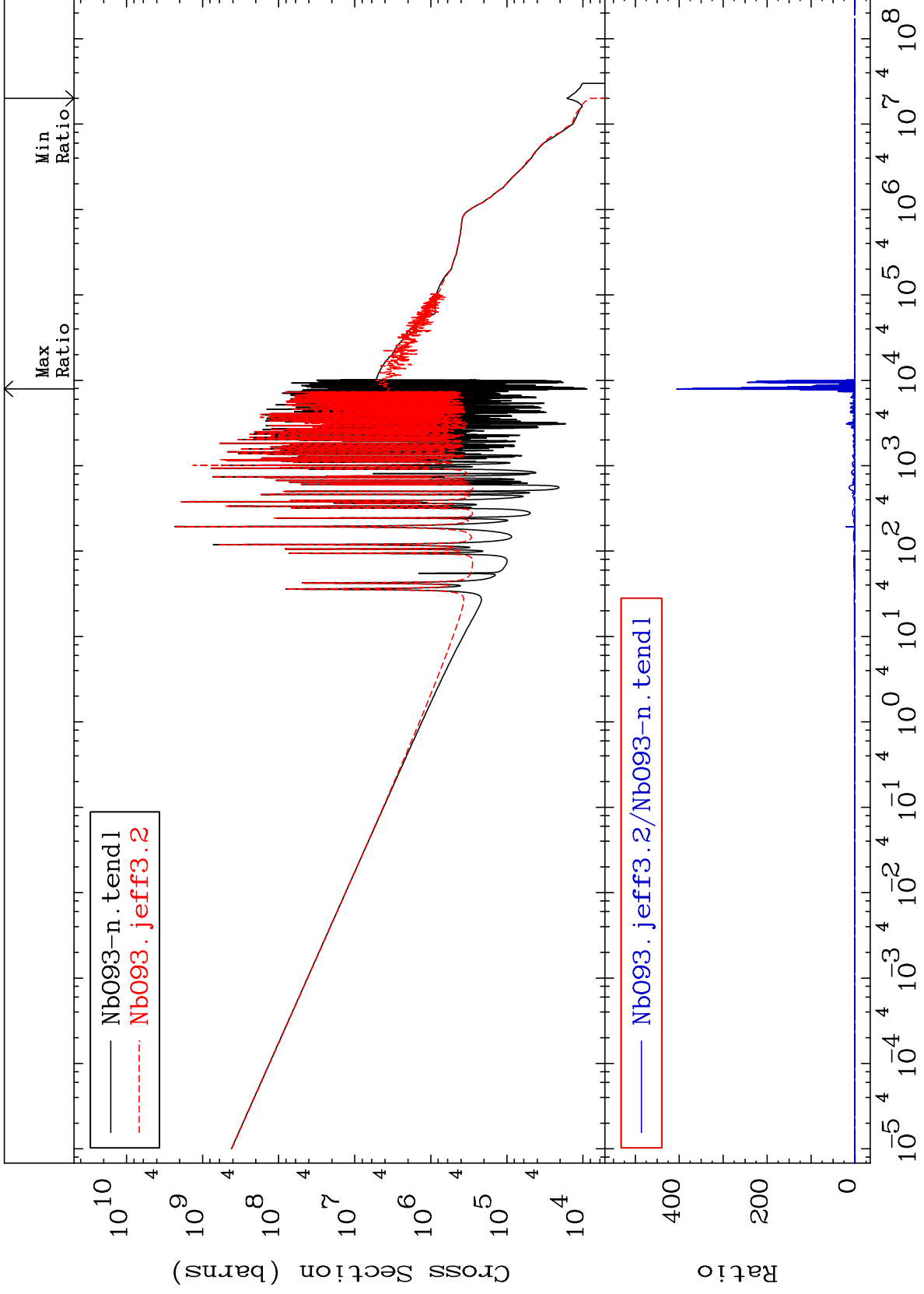




MAT 4125

Kerma capture (mt102)  
Cross Section

41-Nb-93  
-100.0 To 9999. %



49

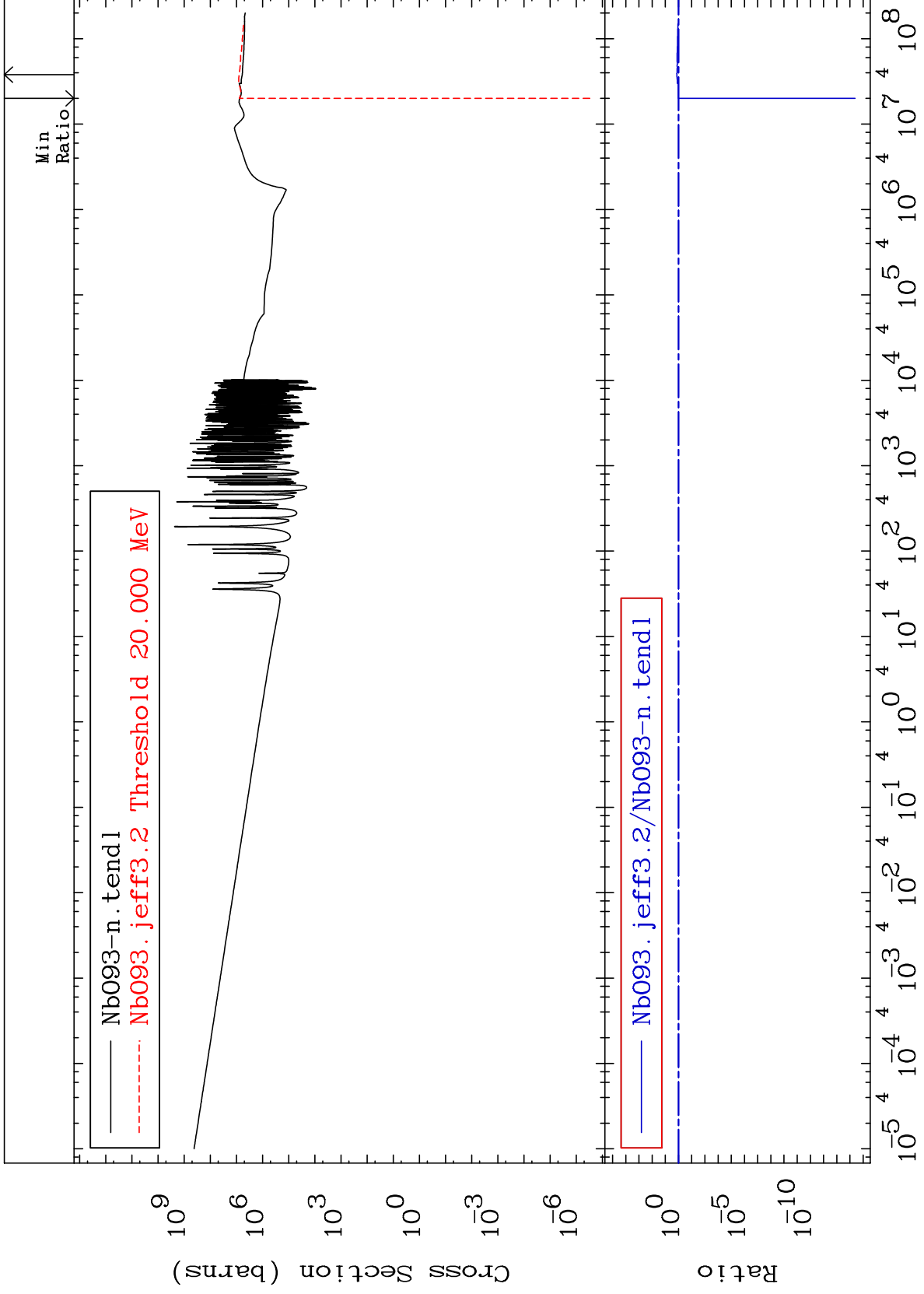
Incident Energy (eV)

41-Nb-93

MAT 4125

Total photon (eV-barns)  
Cross Section

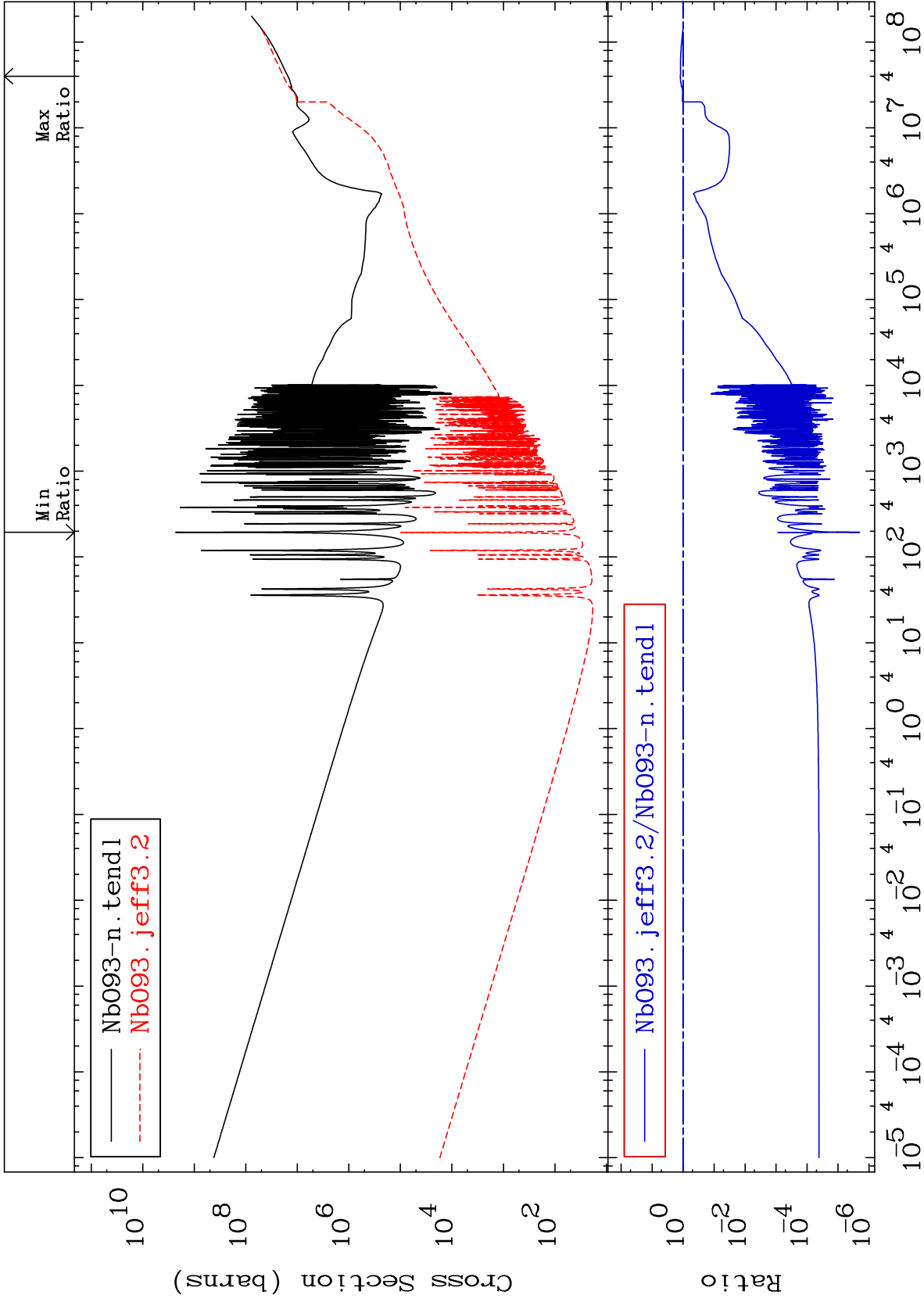
41-Nb-93  
-100.0 To 31.79 %

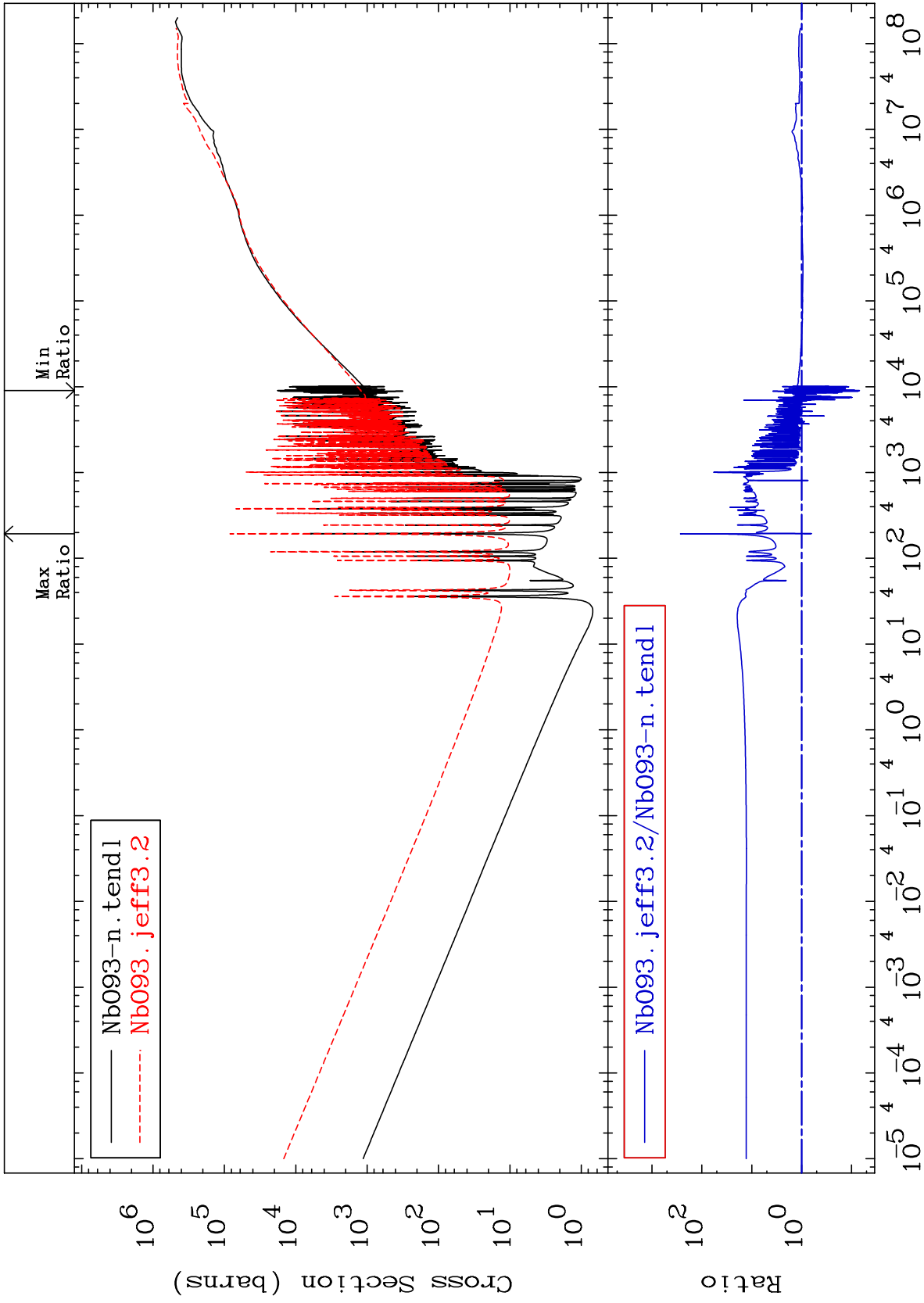


50

Incident Energy (eV)

41-Nb-93

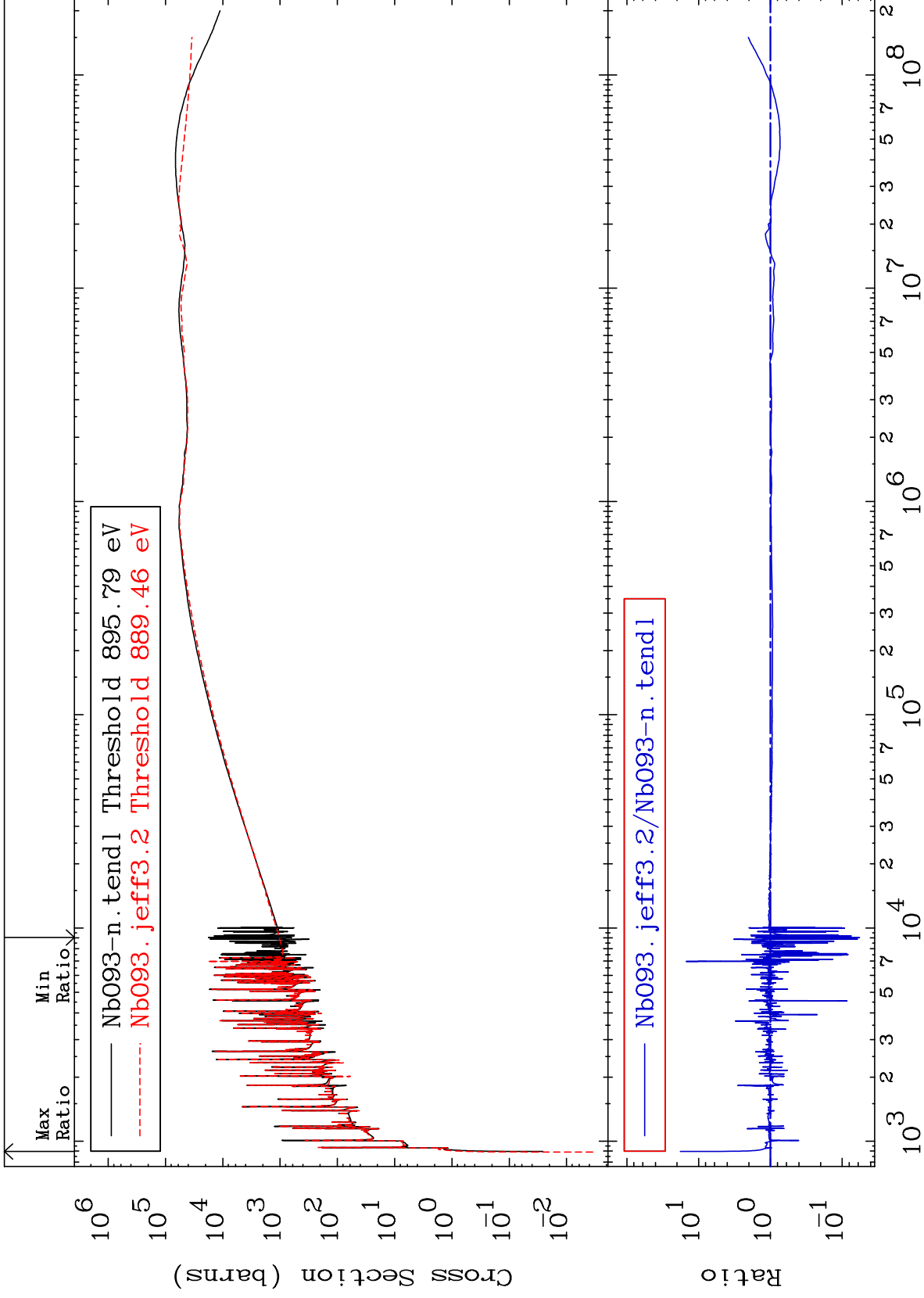




MAT 4125

Dpa elastic (mt2)  
Cross Section

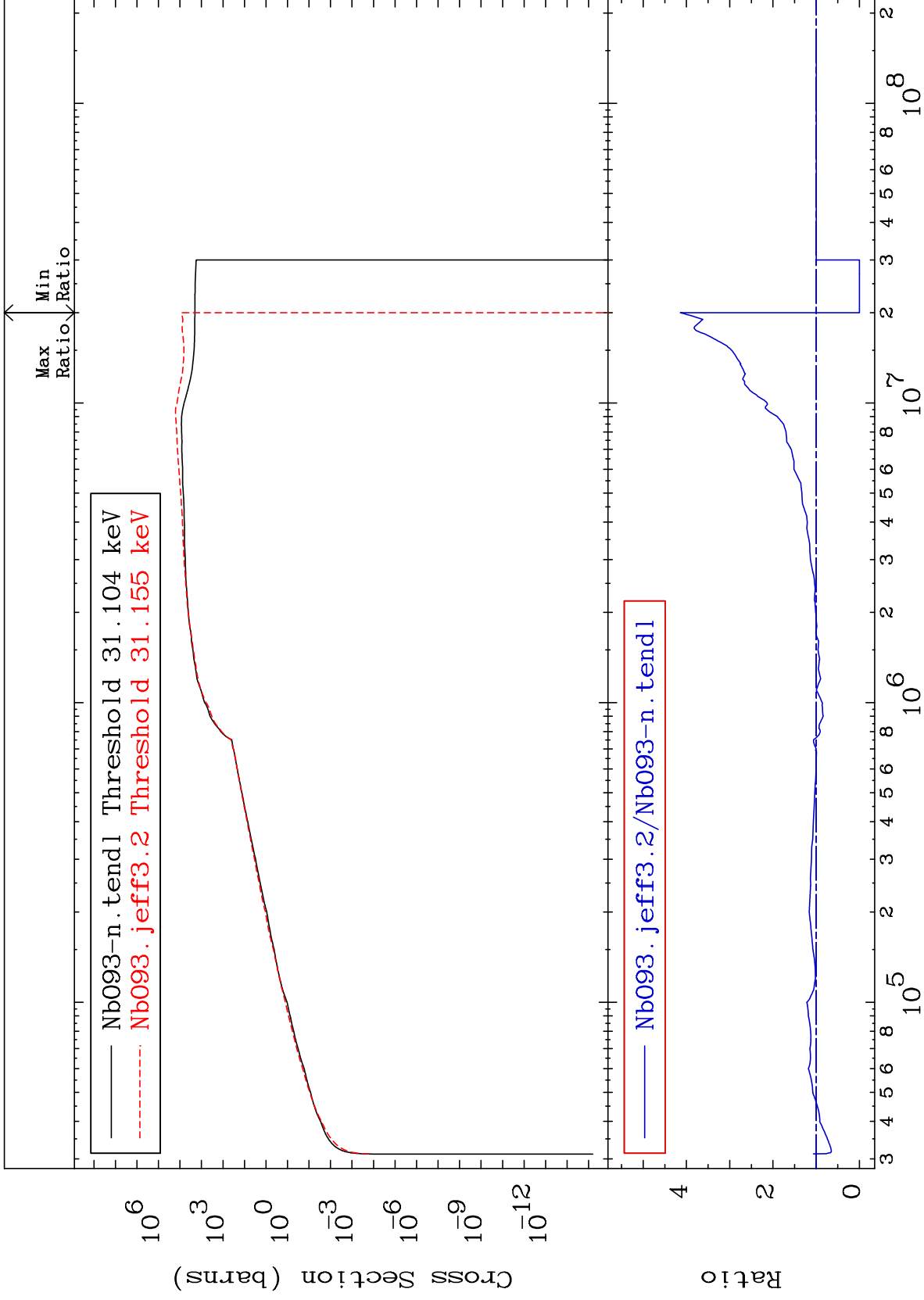
41-Nb-93  
-94.24 To 1700. %



53

Incident Energy (eV)

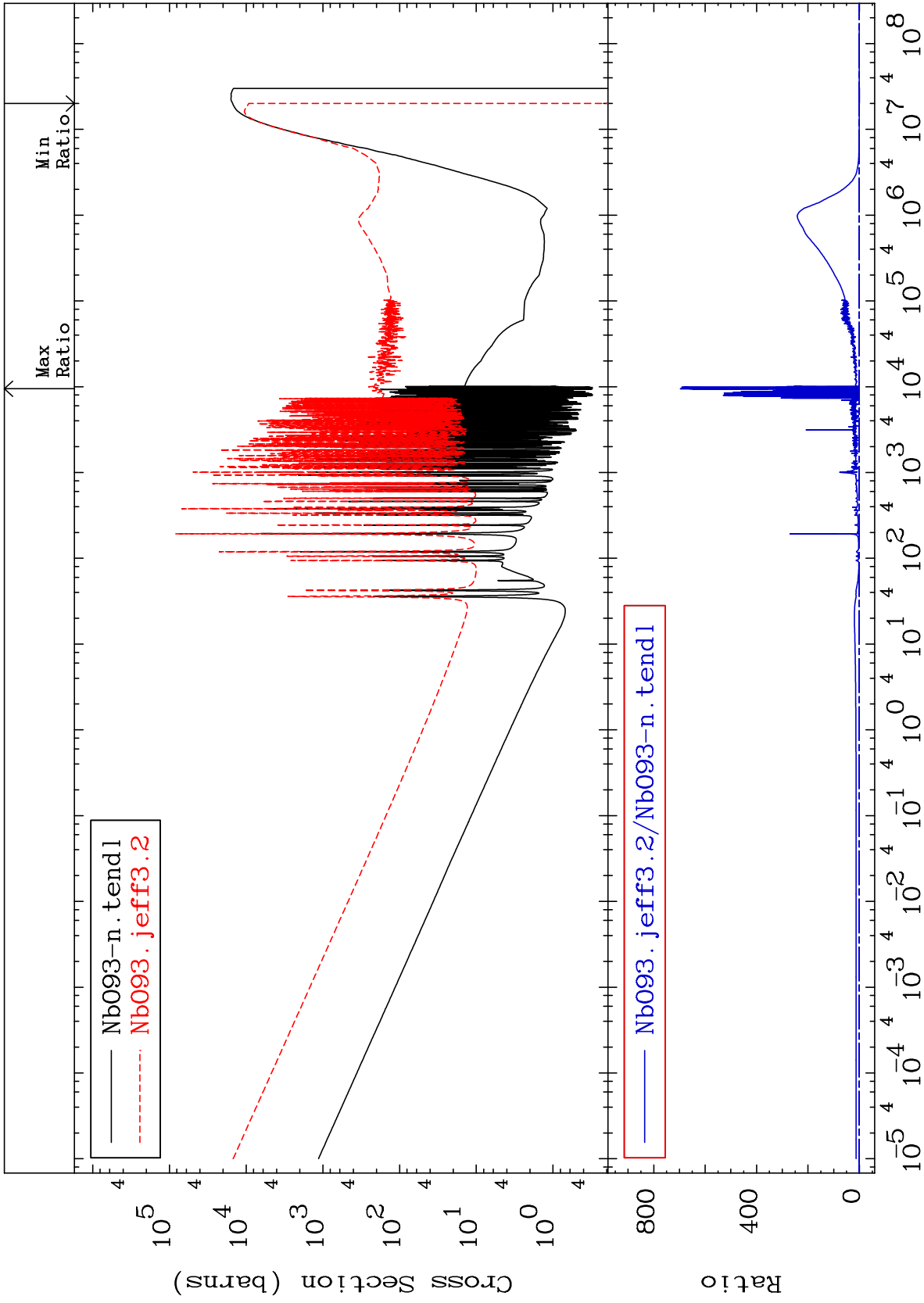
41-Nb-93



MAT 4125

Dpa disappearance (mt102 -120)  
Cross Section

41-Nb-93  
-100.0 To 9999. %



55

Incident Energy (eV)

41-Nb-93

