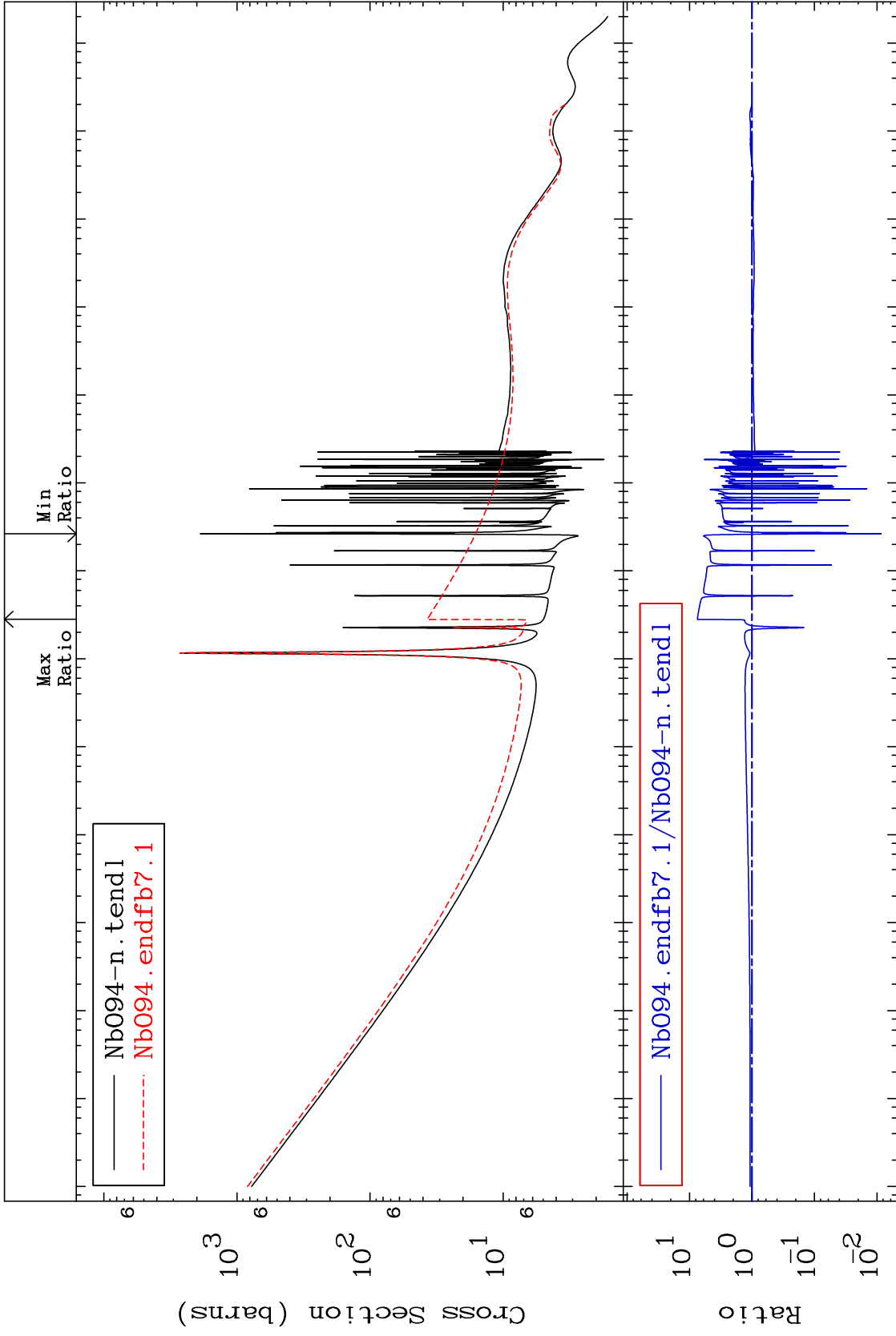


MAT 4128

Total Cross Section  
41-Nb-94  
-99.14 To 647.4 %



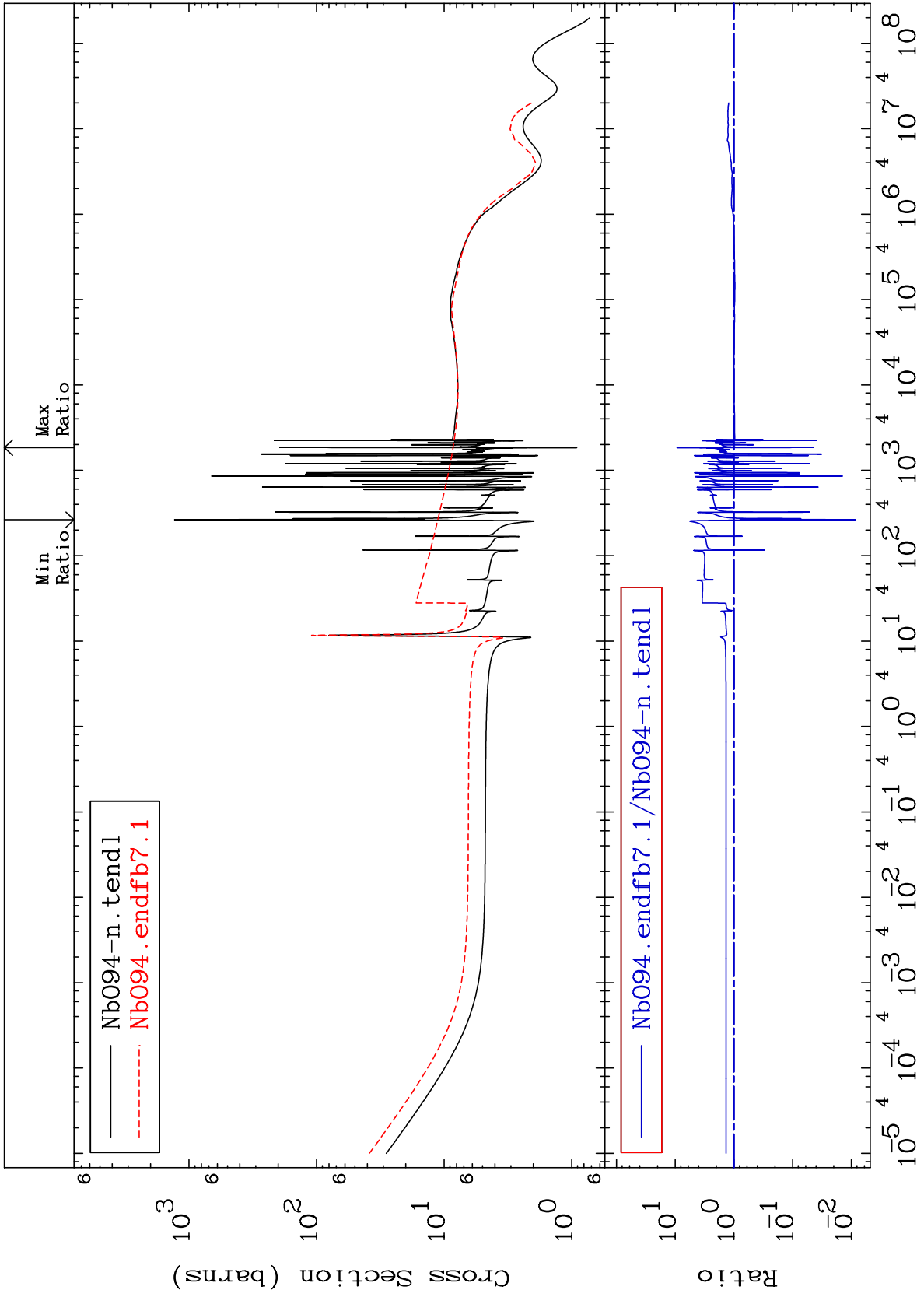
41-Nb-94

Incident Energy (eV)

MAT 4128

Elastic  
Cross Section

41-Nb-94  
-99.14 To 834.3 %



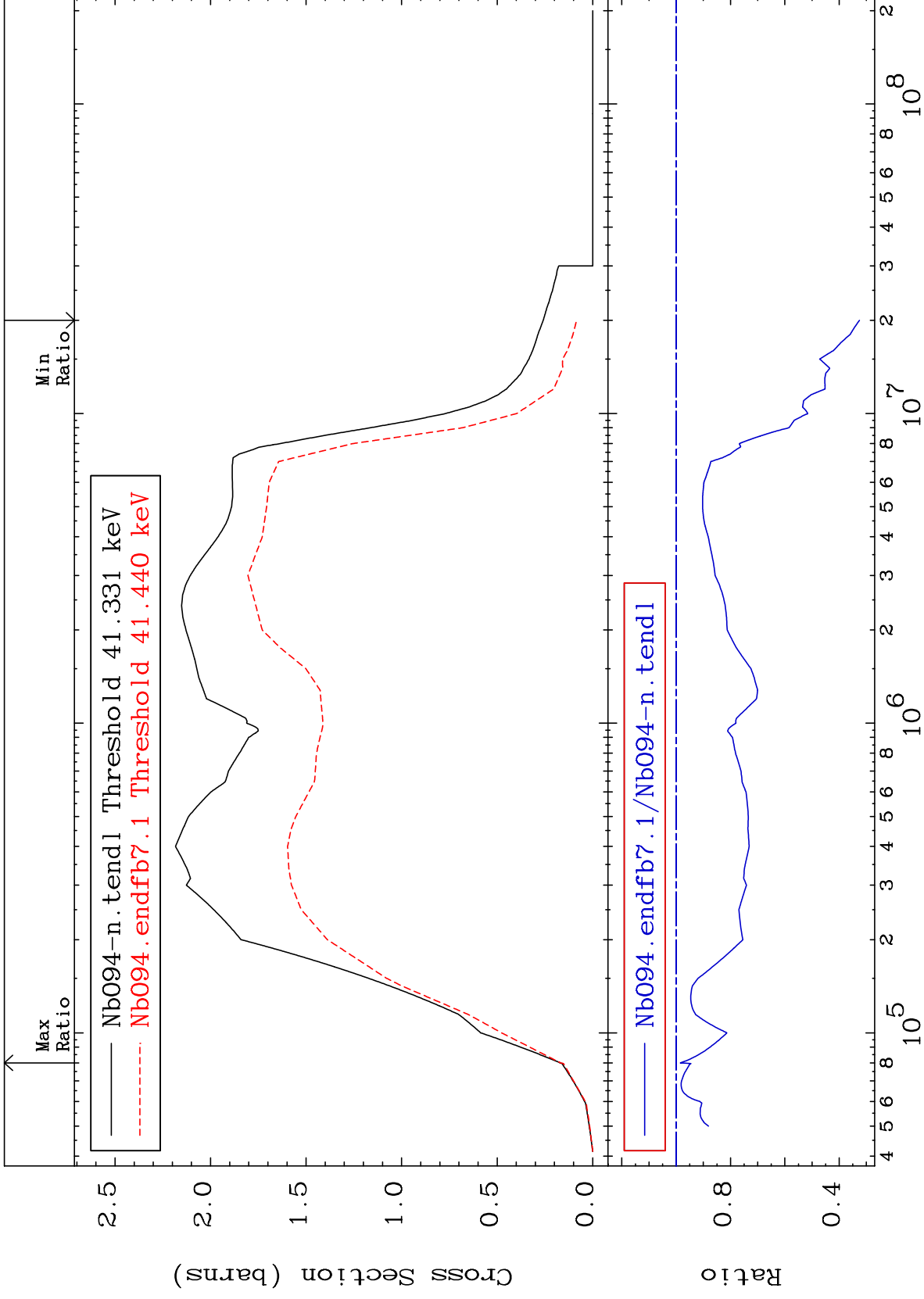
Incident Energy (eV)

41-Nb-94

MAT 4128

Inelastic  
Cross Section

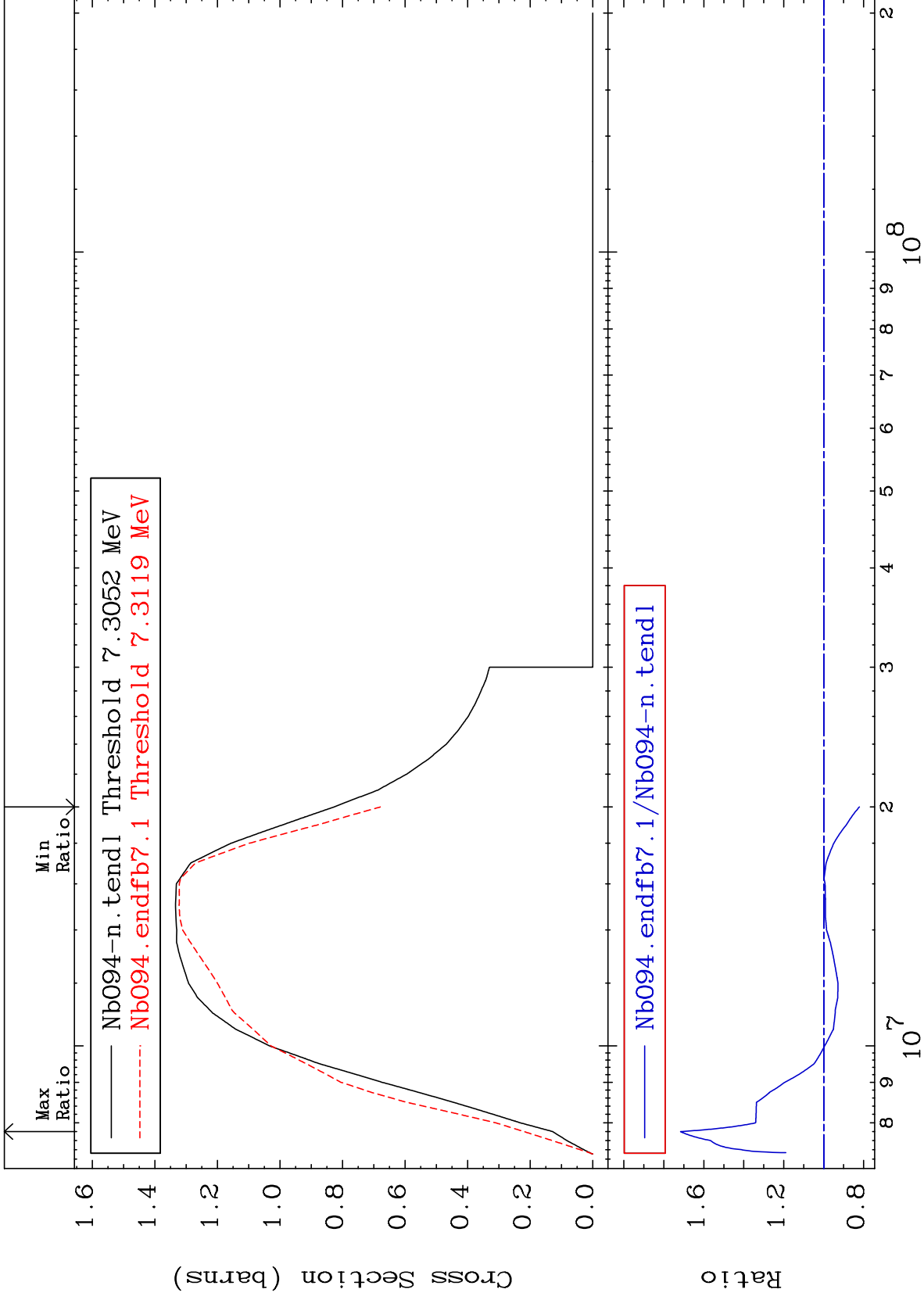
41-Nb-94  
-67.44 To -1.541%



MAT 4128

(n,2n)  
Cross Section

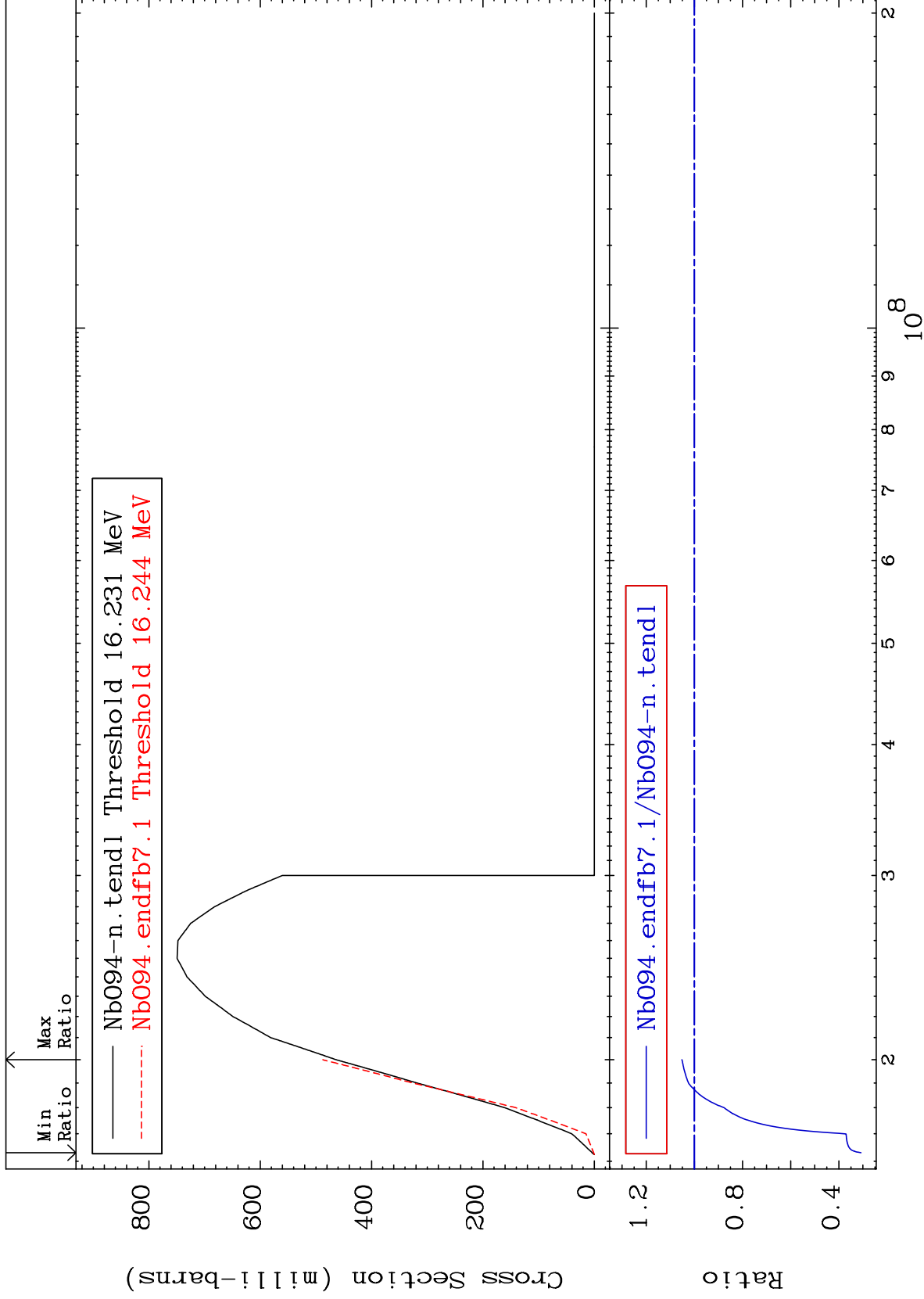
41-Nb-94  
-17.88 To 71.74 %

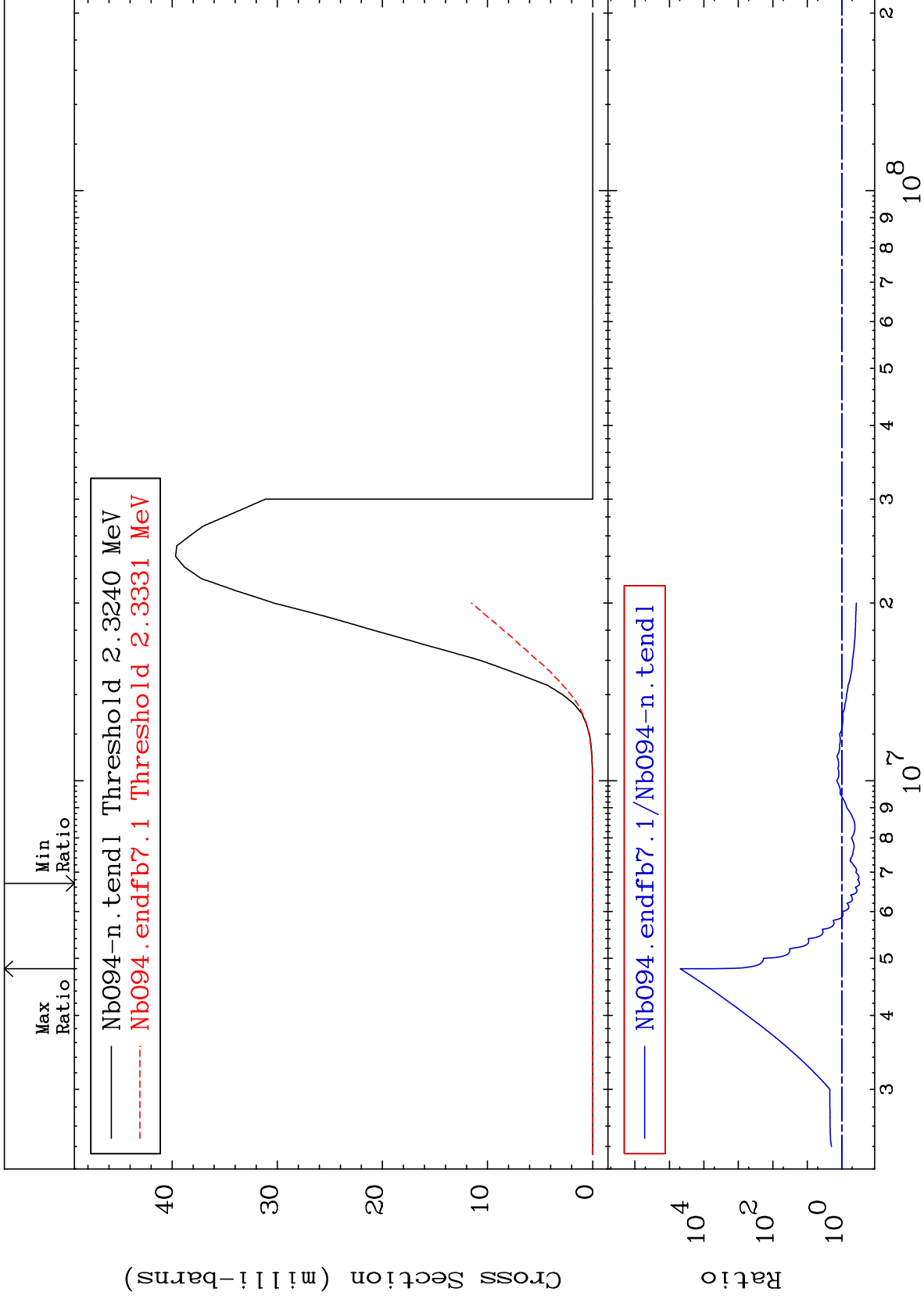


MAT 4128

(n,3n)  
Cross Section

41-Nb-94  
-69.20 To 5.159 %

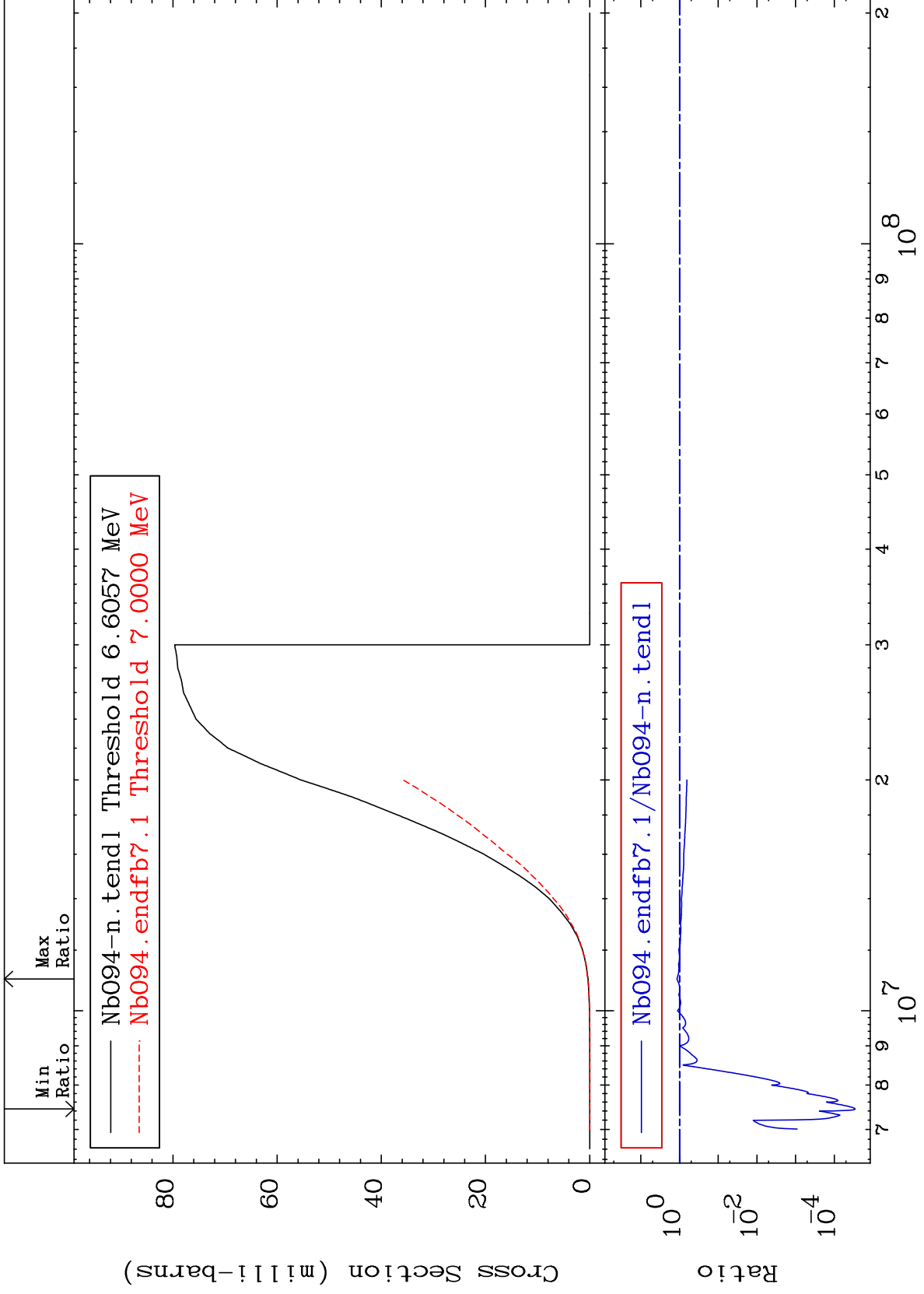




MAT 4128

(n,n') p  
Cross Section

41-Nb-94  
-100.0 To 16.97 %



7

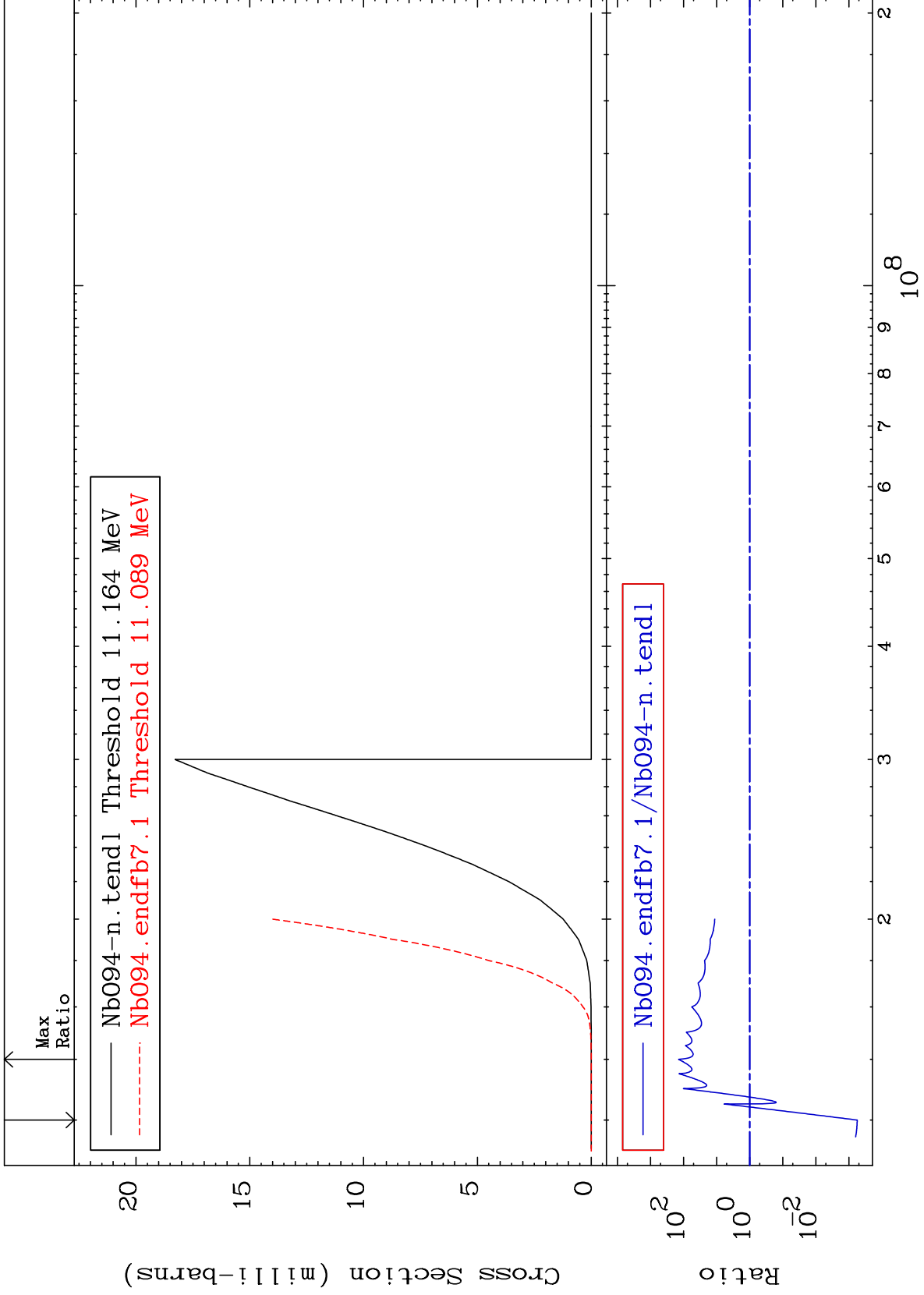
Incident Energy (eV)

41-Nb-94

MAT 4128

(n, n') d  
Cross Section

41-Nb-94  
-99.94 To 9999. %

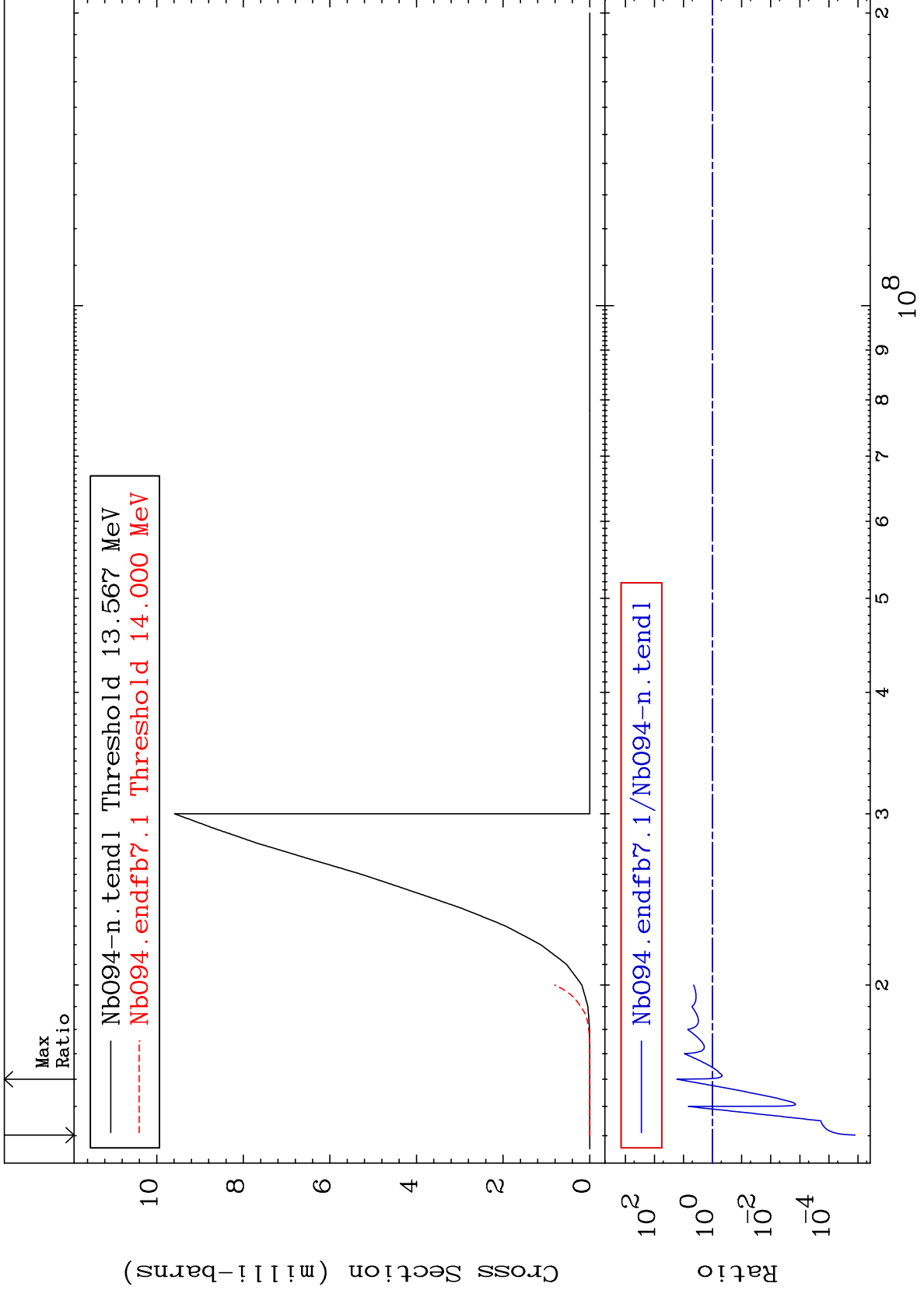




MAT 4128

(n,n') t  
Cross Section

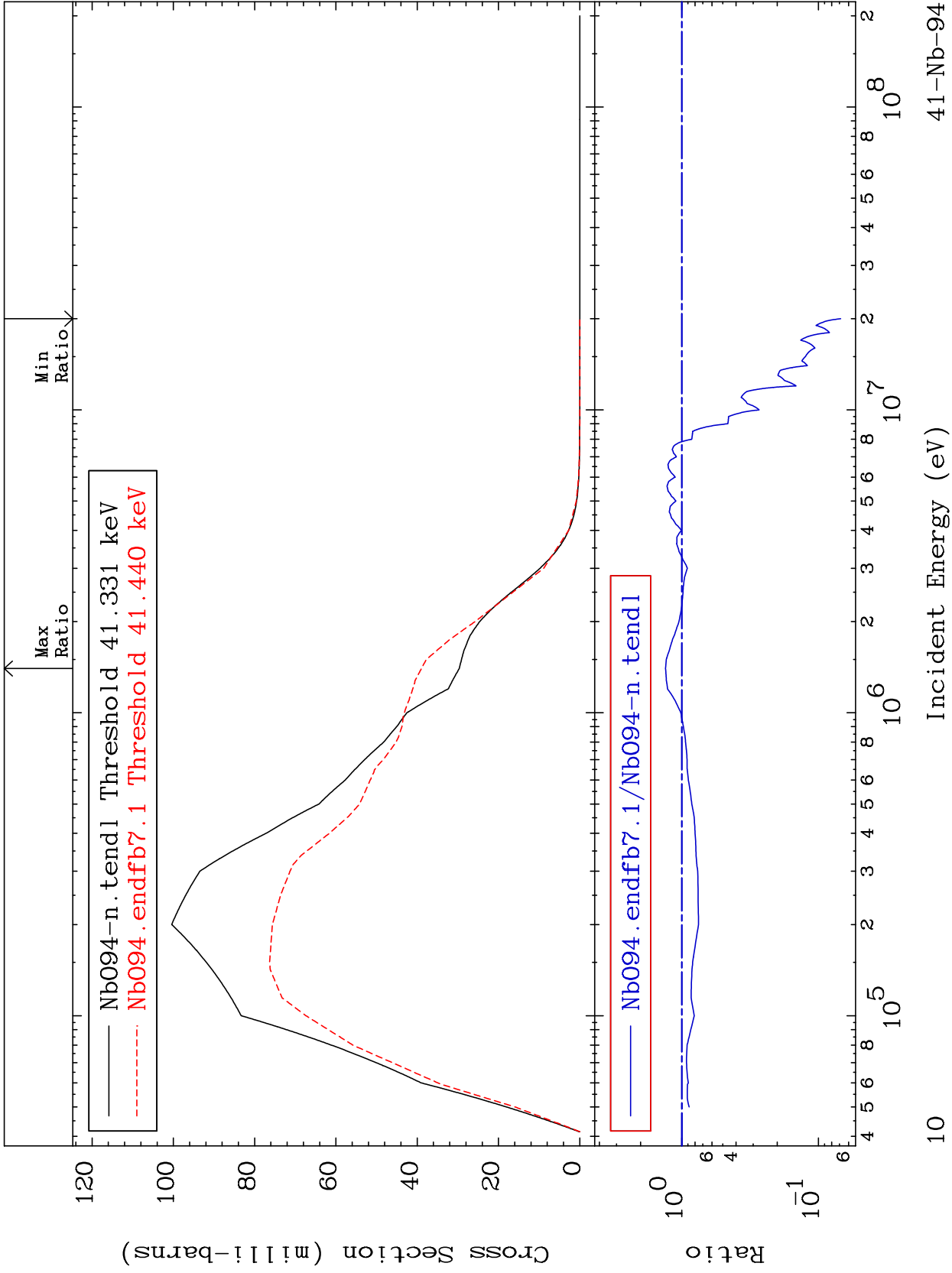
41-Nb-94  
-100.0 To 1589. %



MAT 4128

40.89 keV (n,n') Level  
Cross Section

41-Nb-94  
-93.13 To 31.36 %



10

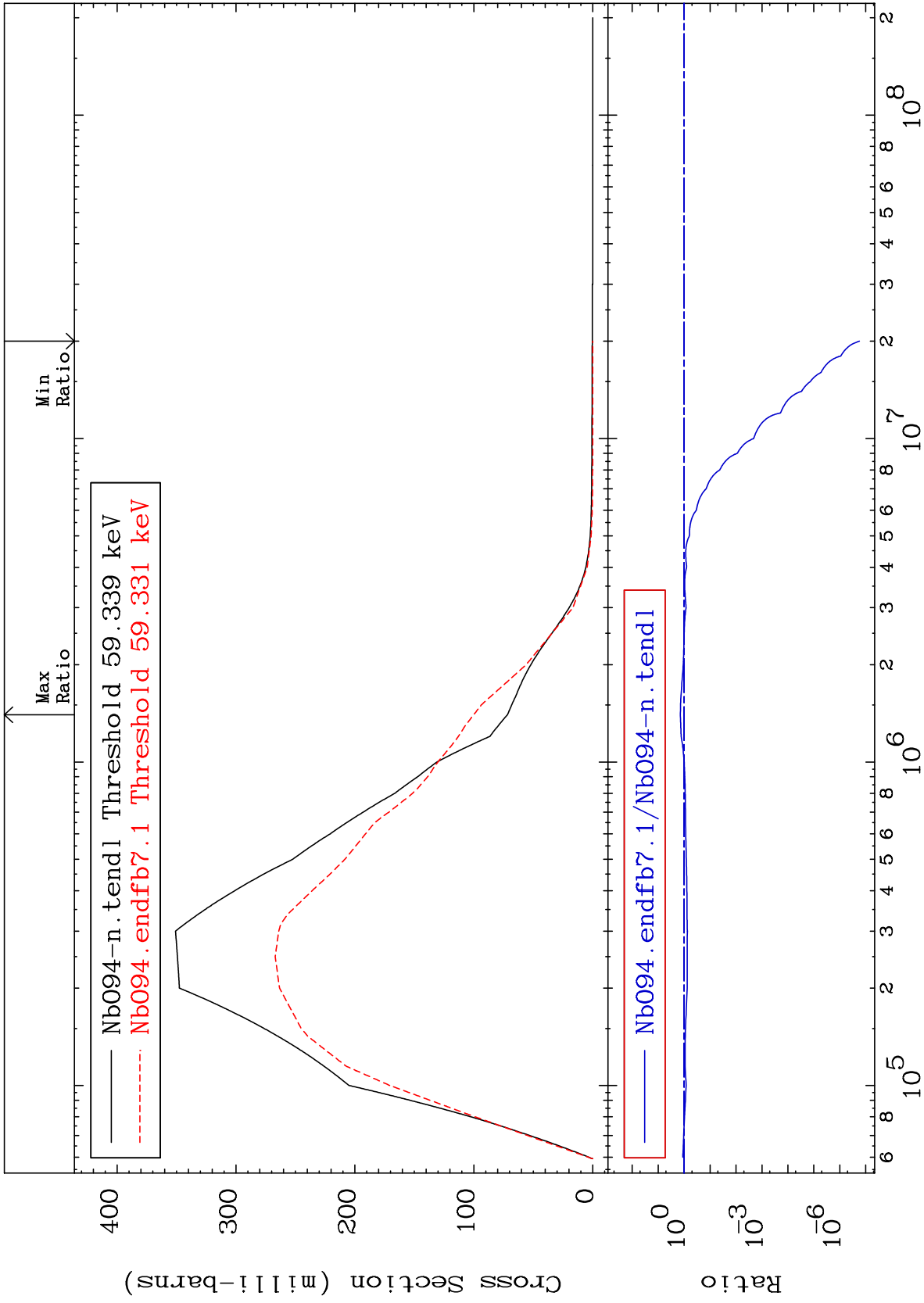
Incident Energy (eV)

41-Nb-94

MAT 4128

58.71 keV (n,n') Level  
Cross Section

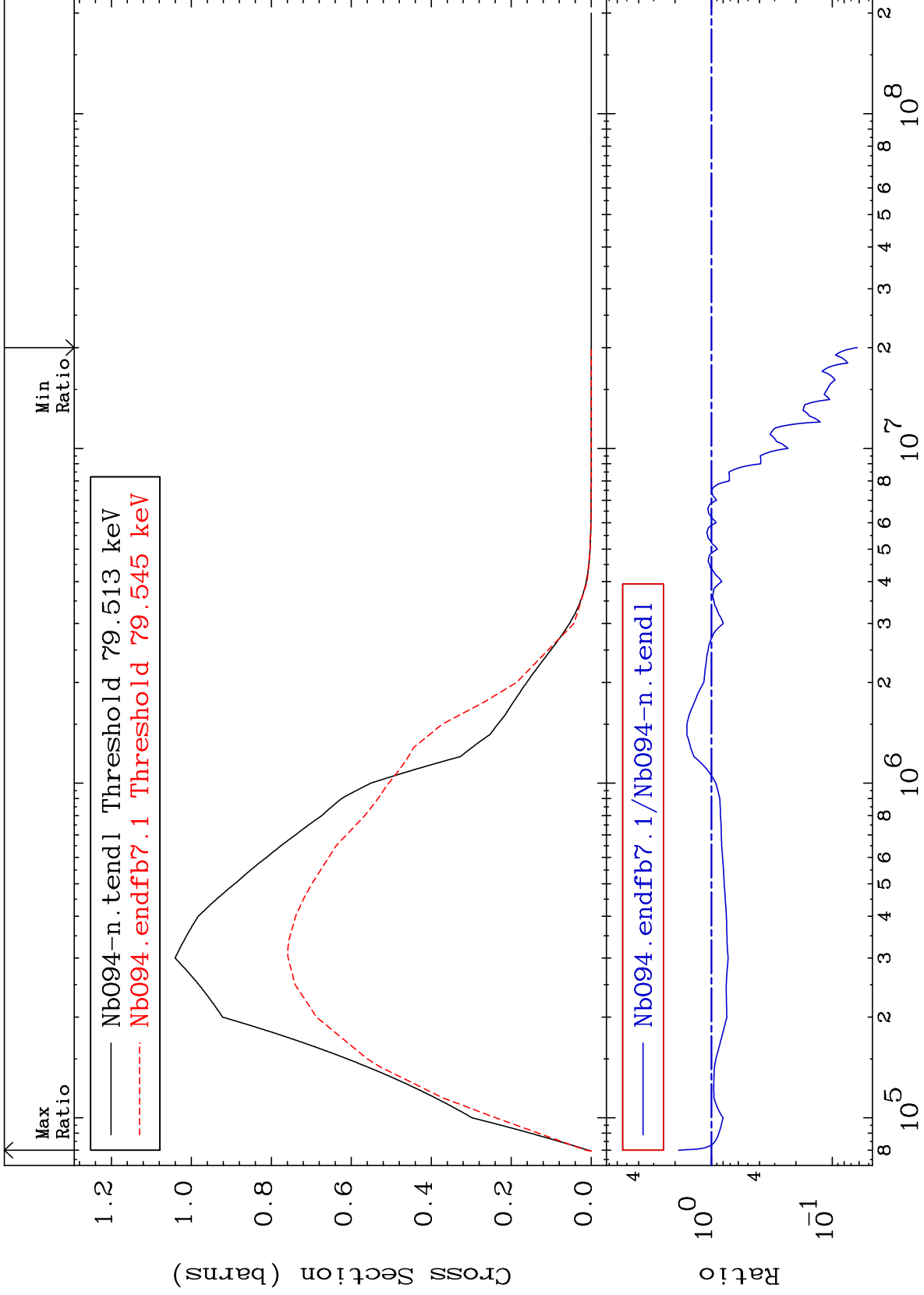
41-Nb-94  
-100.0 To 39.55 %



MAT 4128

78.67 keV (n,n') Level  
Cross Section

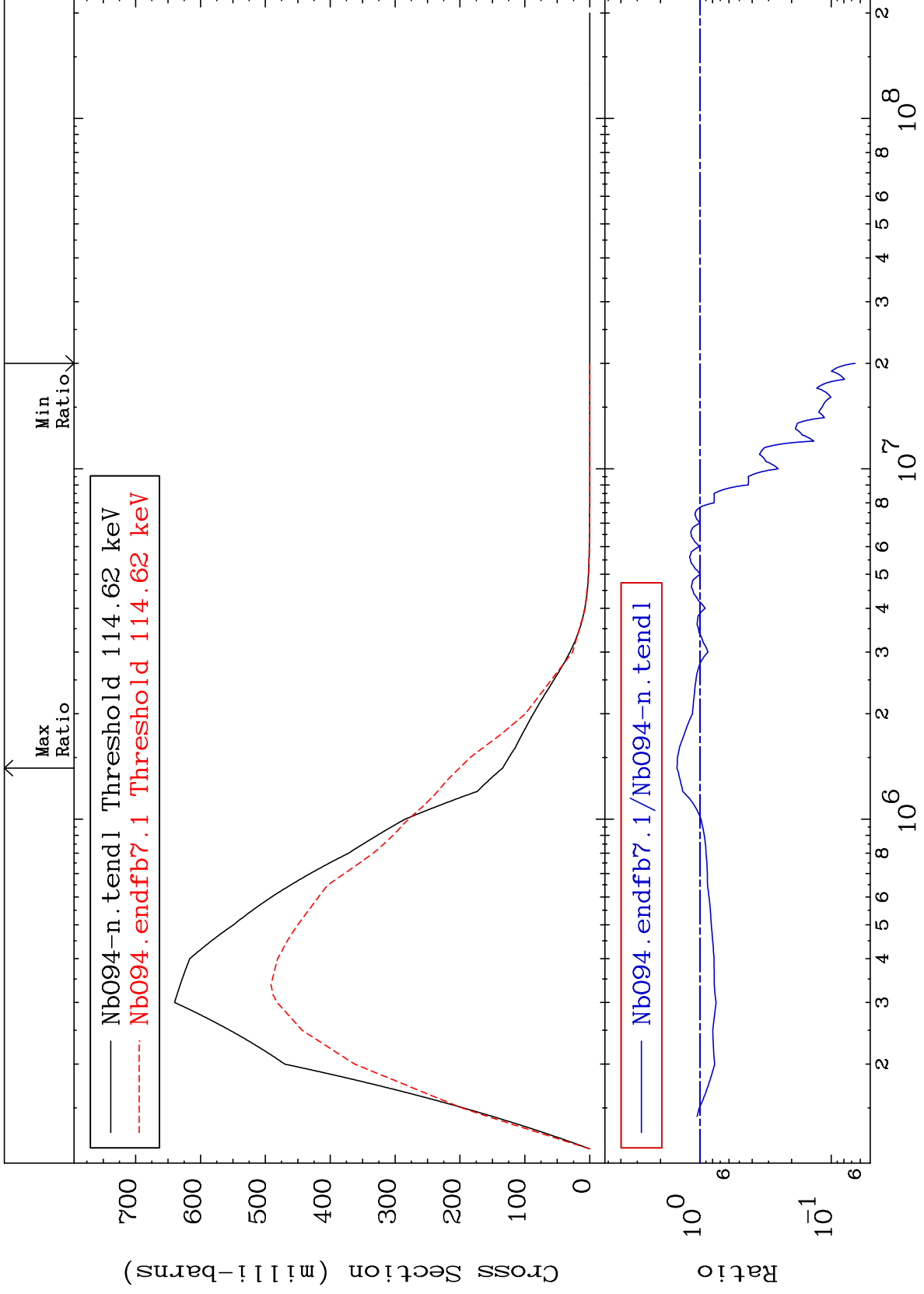
41-Nb-94  
-93.78 To 86.58 %



MAT 4128

113.4 keV (n,n') Level  
Cross Section

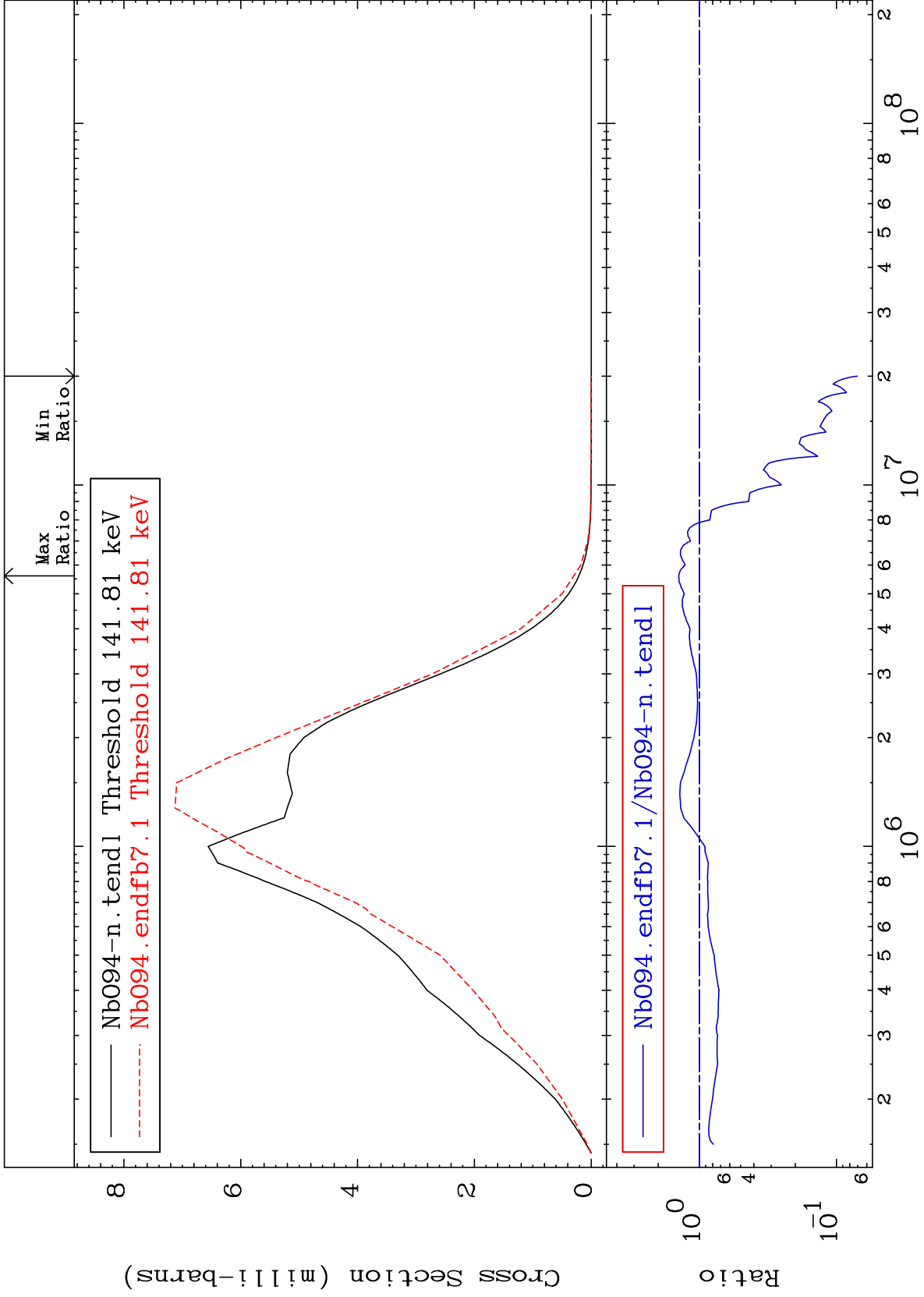
41-Nb-94  
-93.43 To 49.64 %



MAT 4128

140.3 keV (n,n') Level  
Cross Section

41-Nb-94  
-92.94 To 41.71 %



14

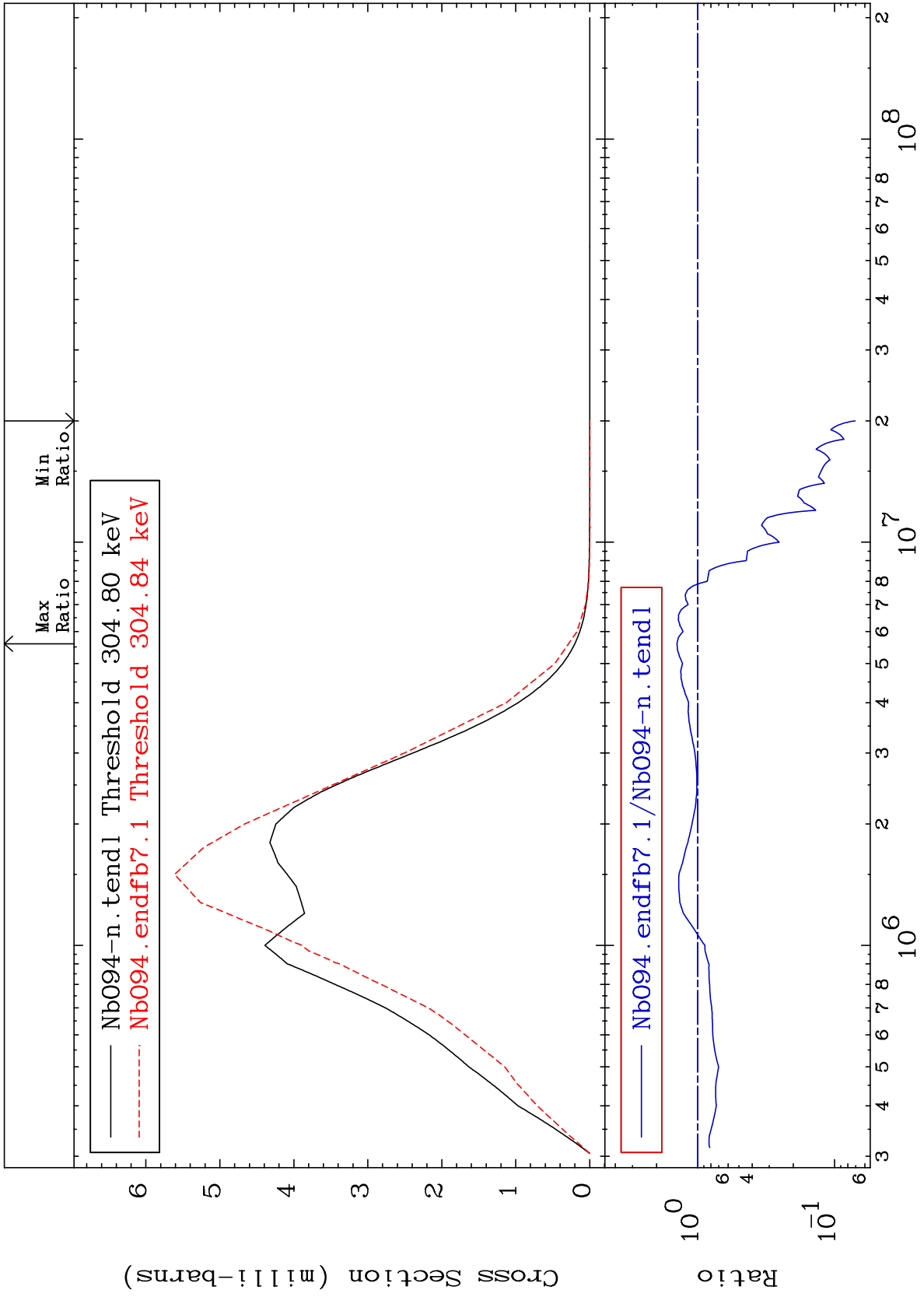
Incident Energy (eV)

41-Nb-94

MAT 4128

301.6 keV (n,n') Level  
Cross Section

41-Nb-94  
-92.93 To 41.84 %



15

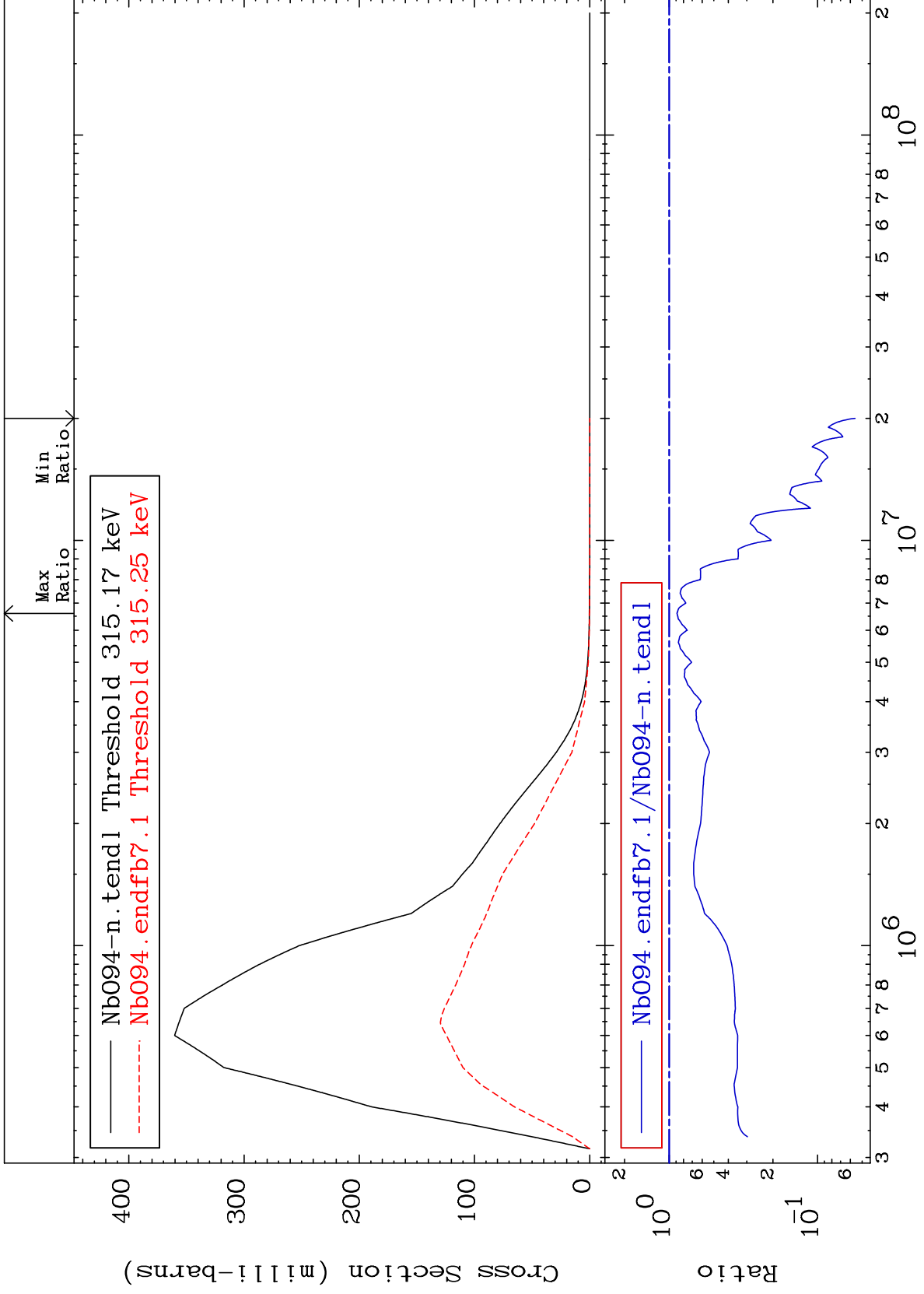
Incident Energy (eV)

41-Nb-94

MAT 4128

311.8 keV (n,n') Level  
Cross Section

41-Nb-94  
-94.42 To -11.26%



16

Incident Energy (eV)

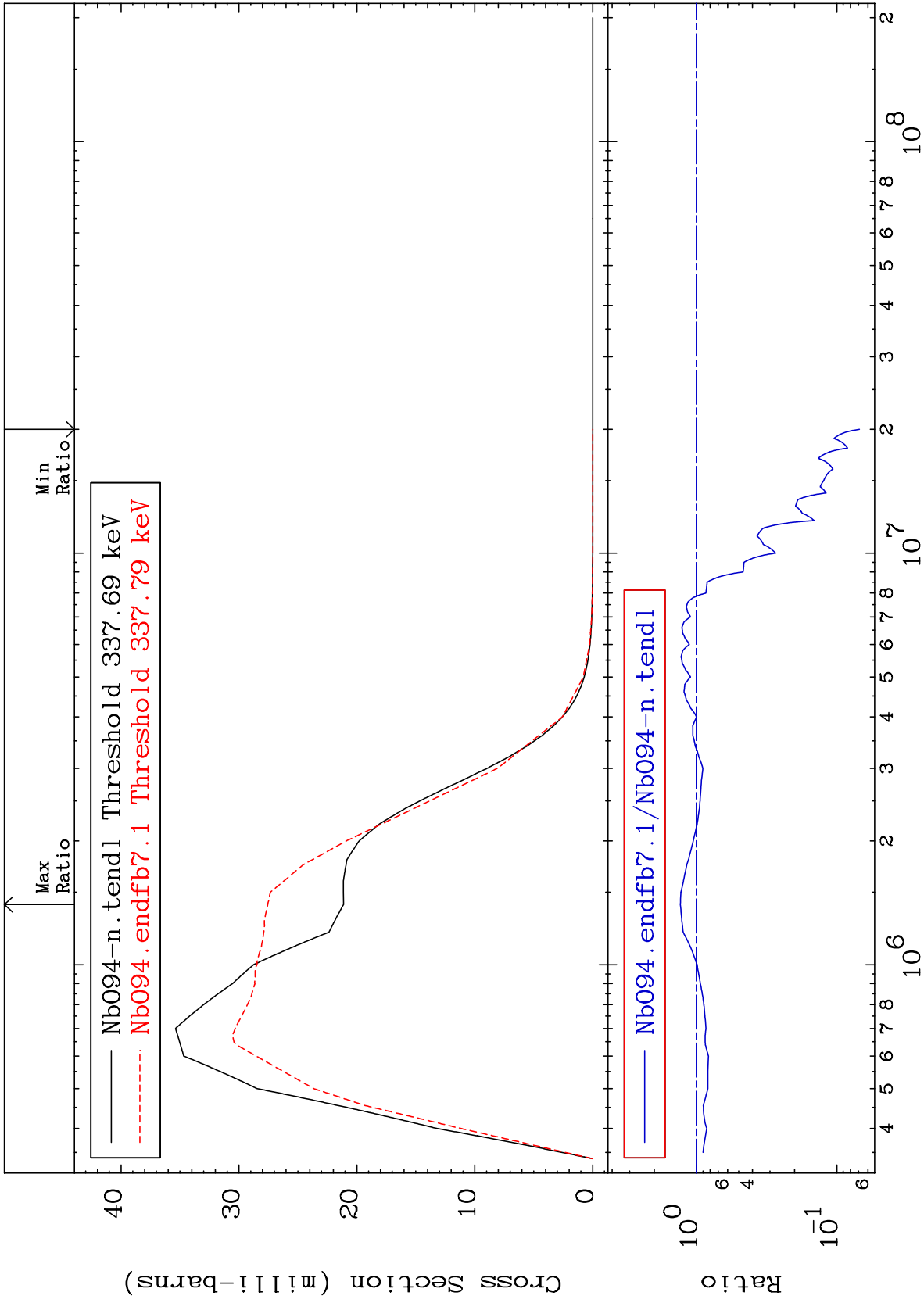
41-Nb-94



MAT 4128

334.1 keV (n,n') Level  
Cross Section

41-Nb-94  
-93.10 To 30.40 %



17

Incident Energy (eV)

41-Nb-94

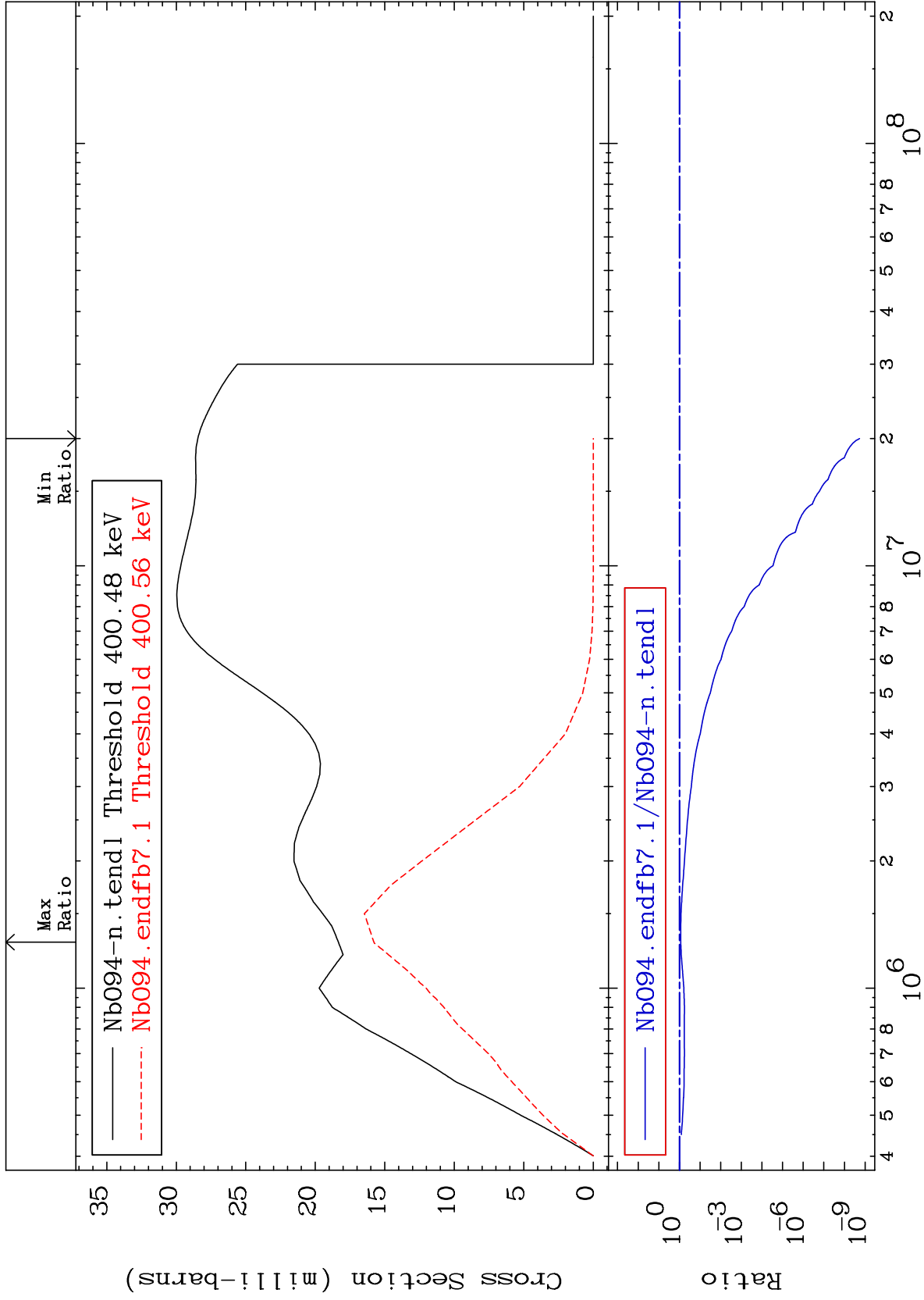
MAT 4128

396.2 keV (n,n') Level

41-Nb-94

Cross Section

-100.0 To -13.94%



18

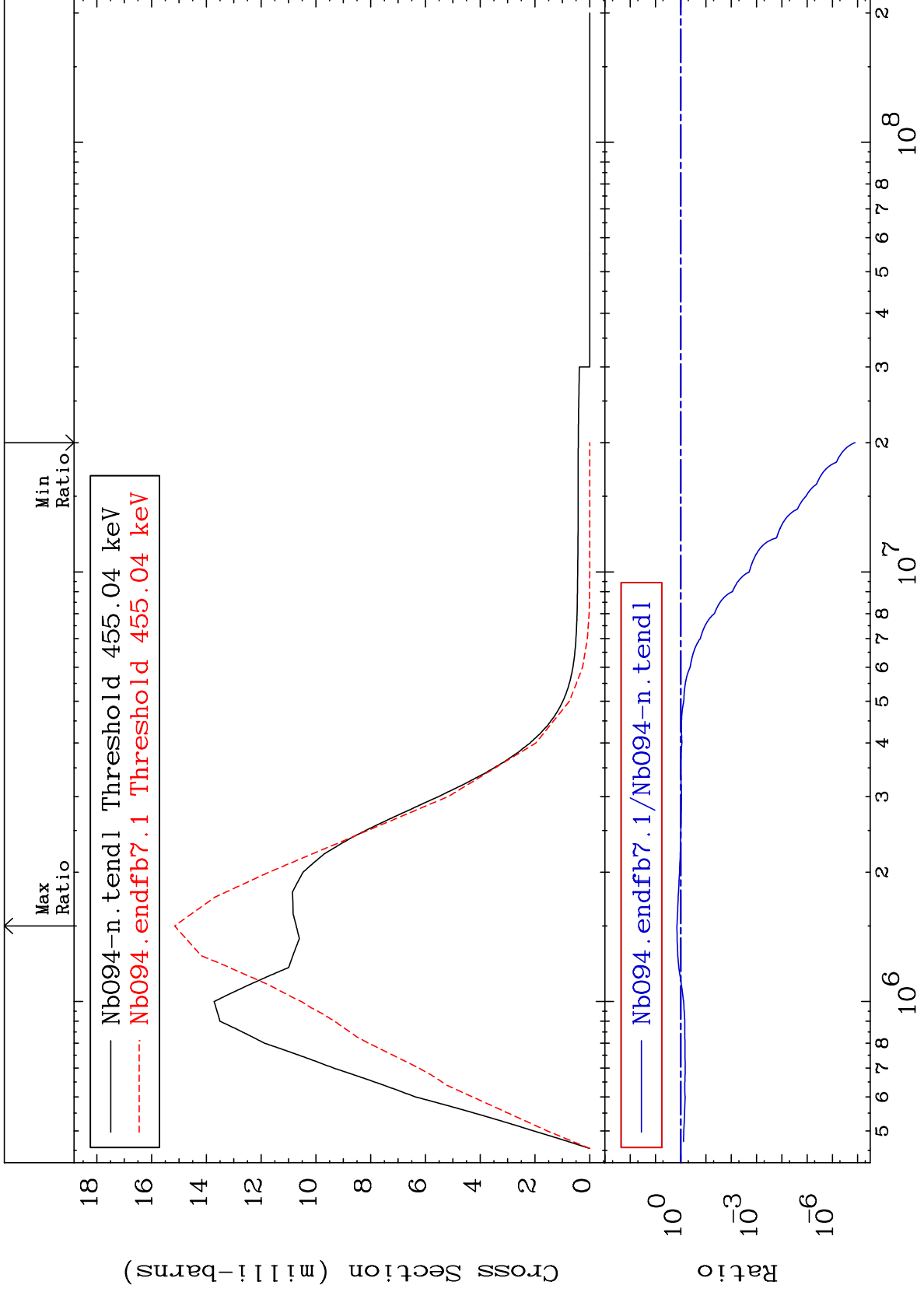
Incident Energy (eV)

41-Nb-94

MAT 4128

450.2 keV (n,n') Level  
Cross Section

41-Nb-94  
-100.0 To 41.45 %



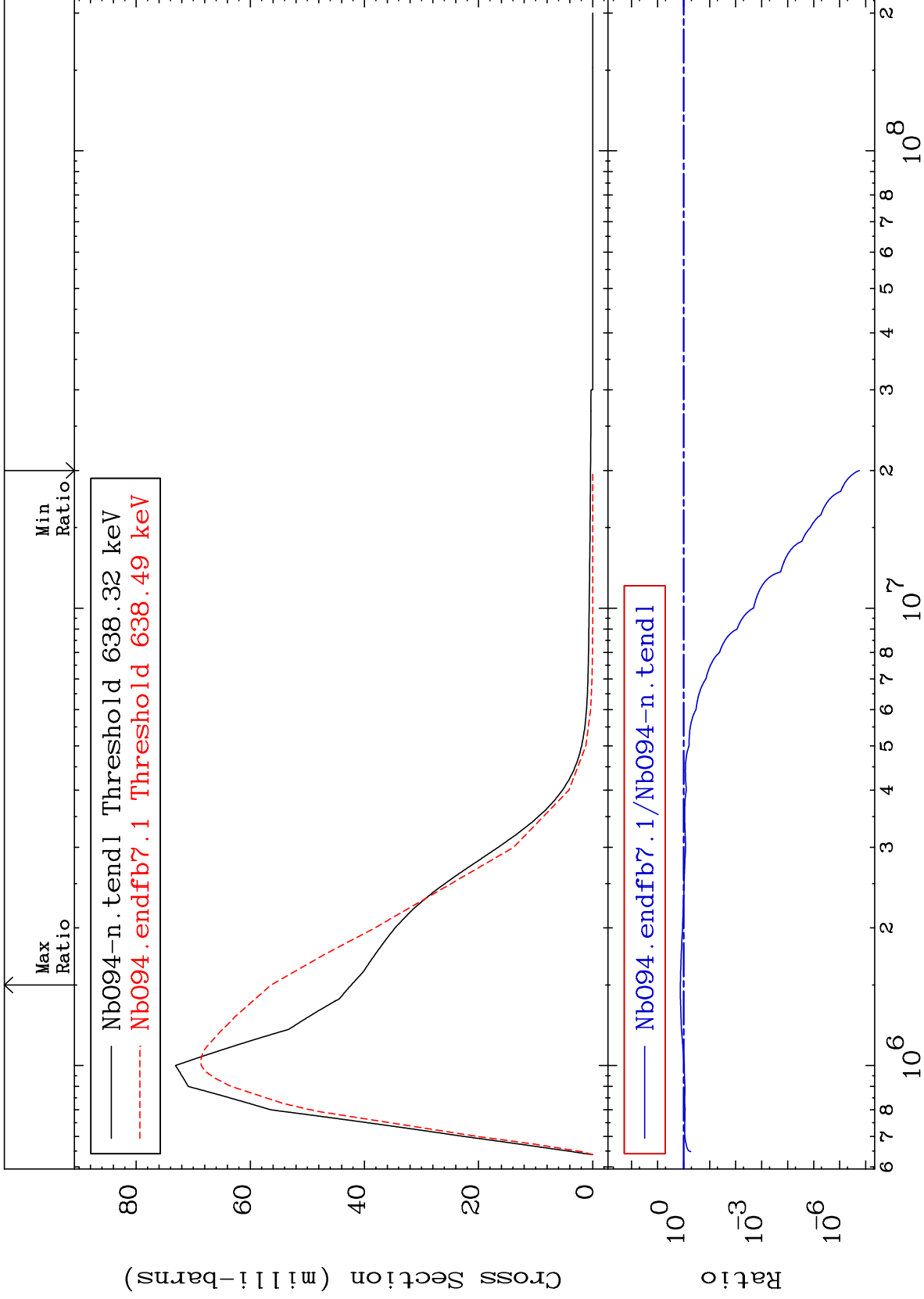
19

41-Nb-94

MAT 4128

631.5 keV (n,n') Level  
Cross Section

41-Nb-94  
-100.0 To 33.22 %



20

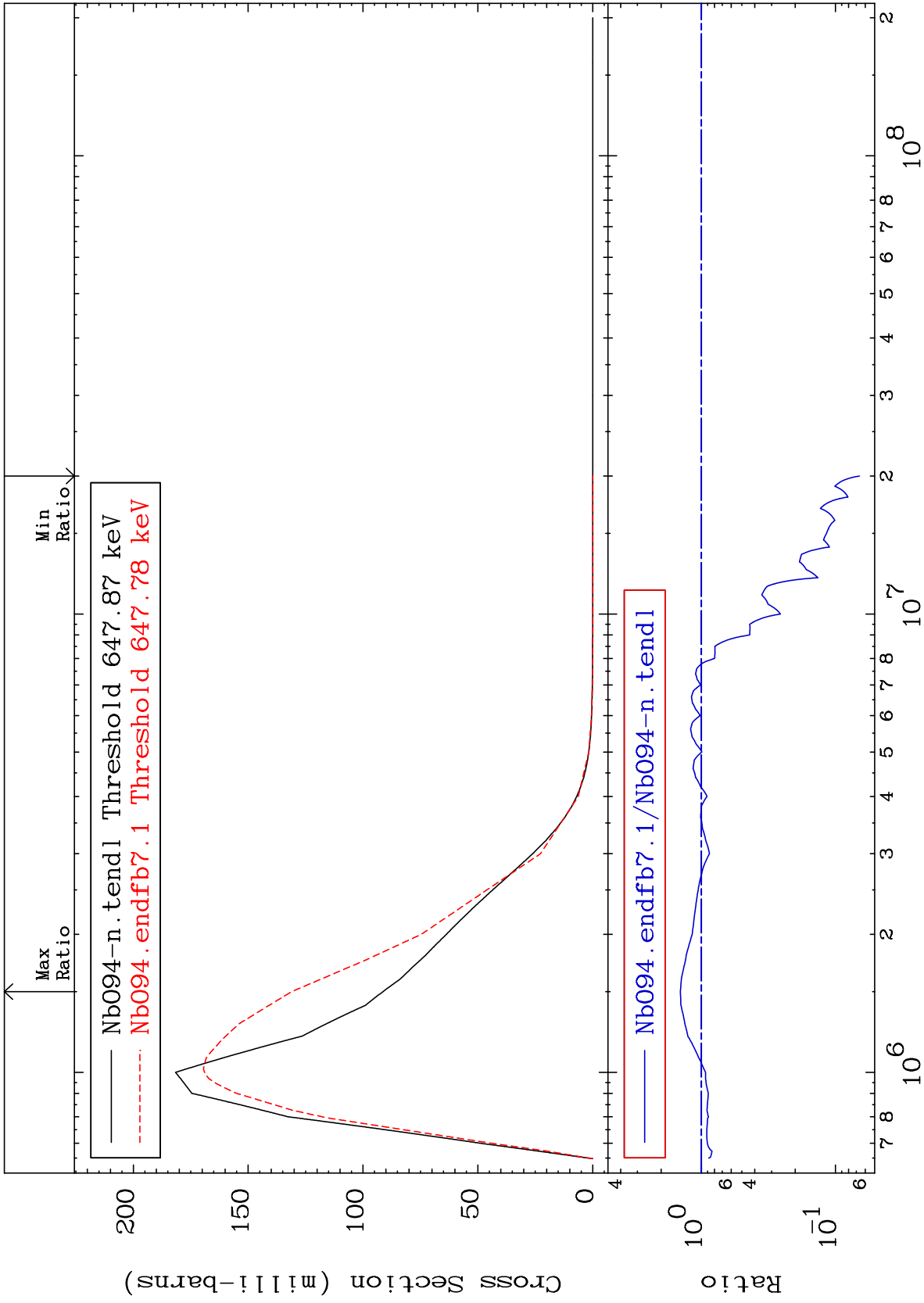
Incident Energy (eV)

41-Nb-94

MAT 4128

641.0 keV (n,n') Level  
Cross Section

41-Nb-94  
-93.37 To 43.55 %



21

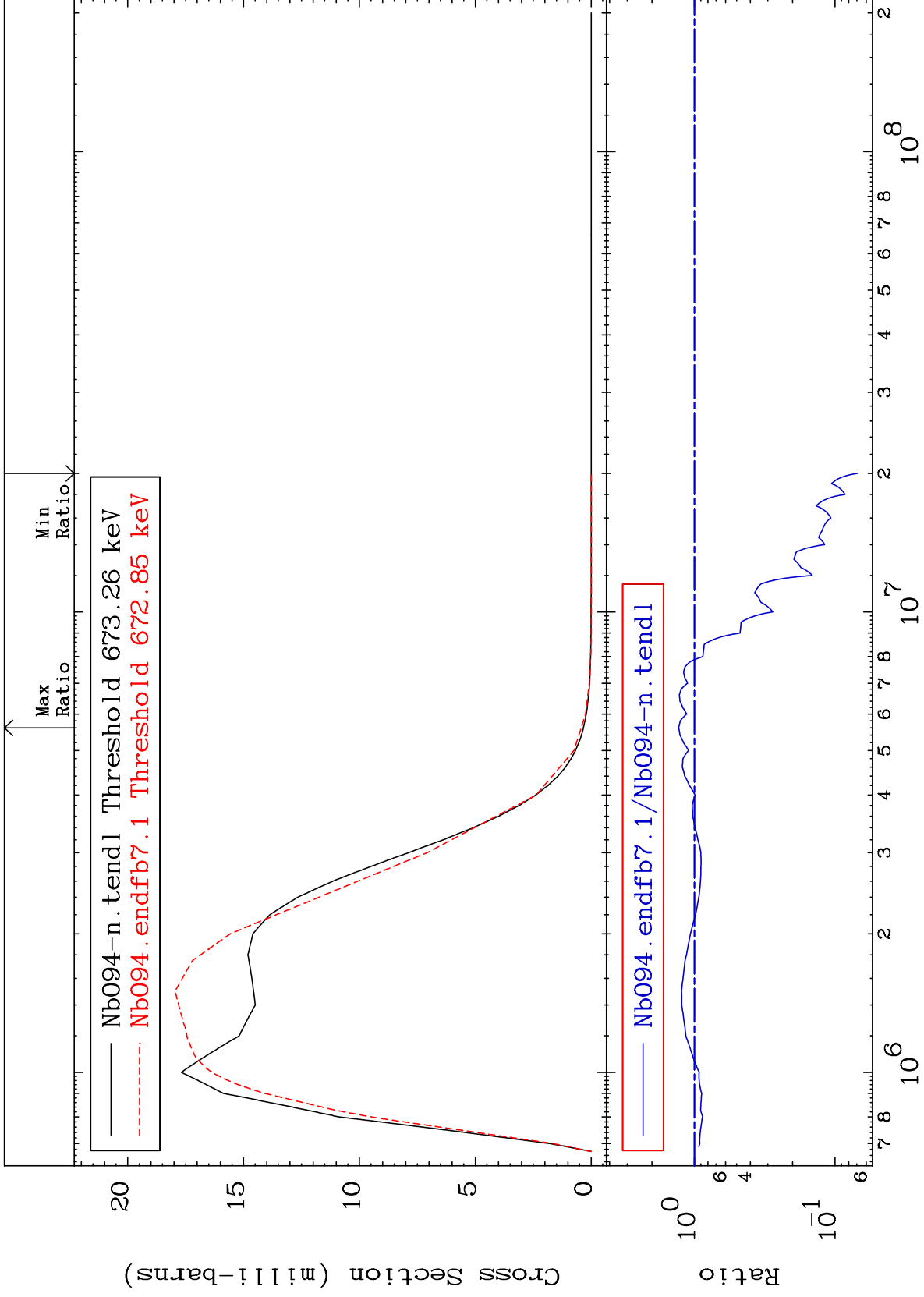
Incident Energy (eV)

41-Nb-94

MAT 4128

666.1 keV (n,n') Level  
Cross Section

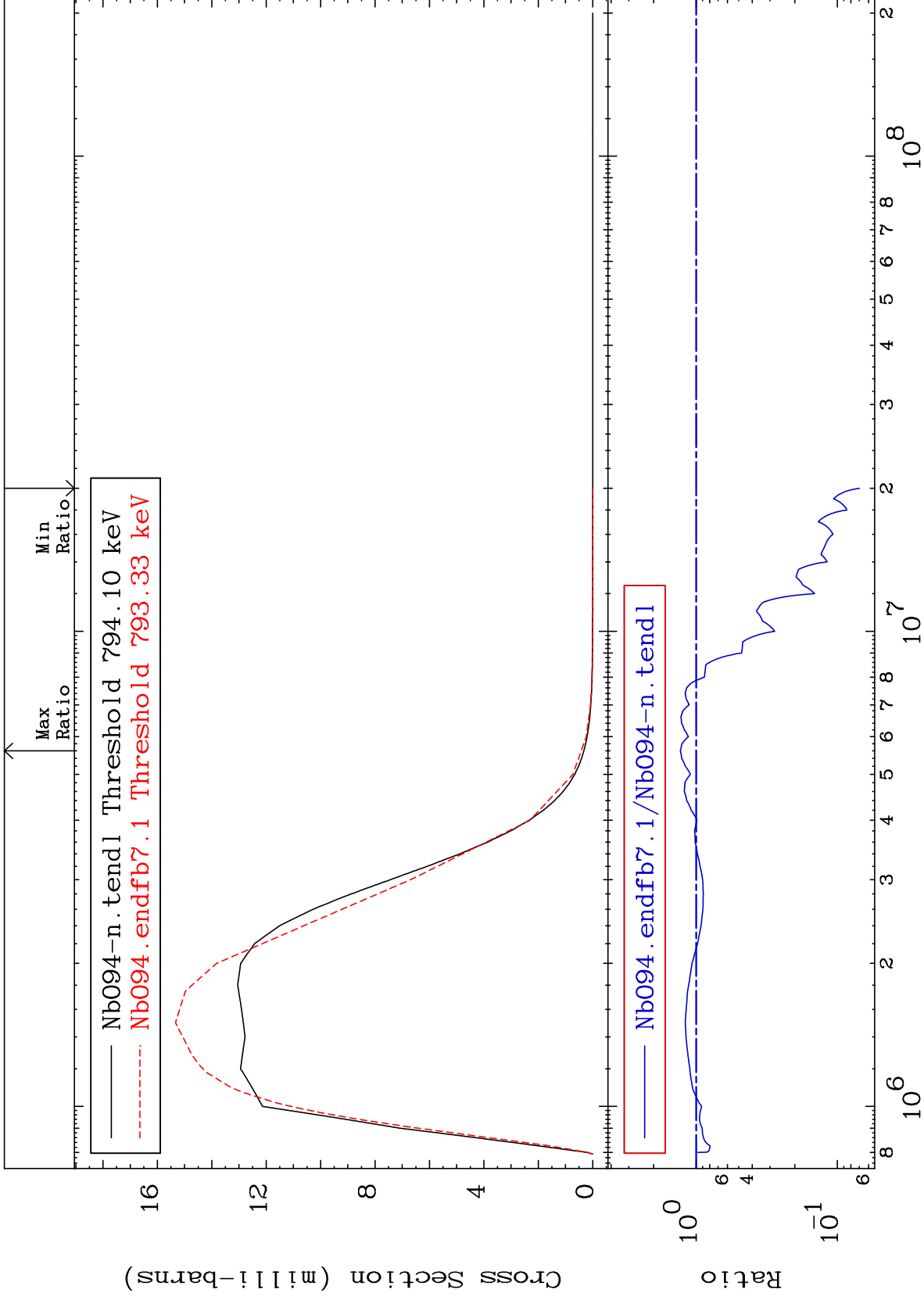
41-Nb-94  
-93.05 To 29.28 %



MAT 4128

785.7 keV (n,n') Level  
Cross Section

41-Nb-94  
-93.03 To 29.33 %



23

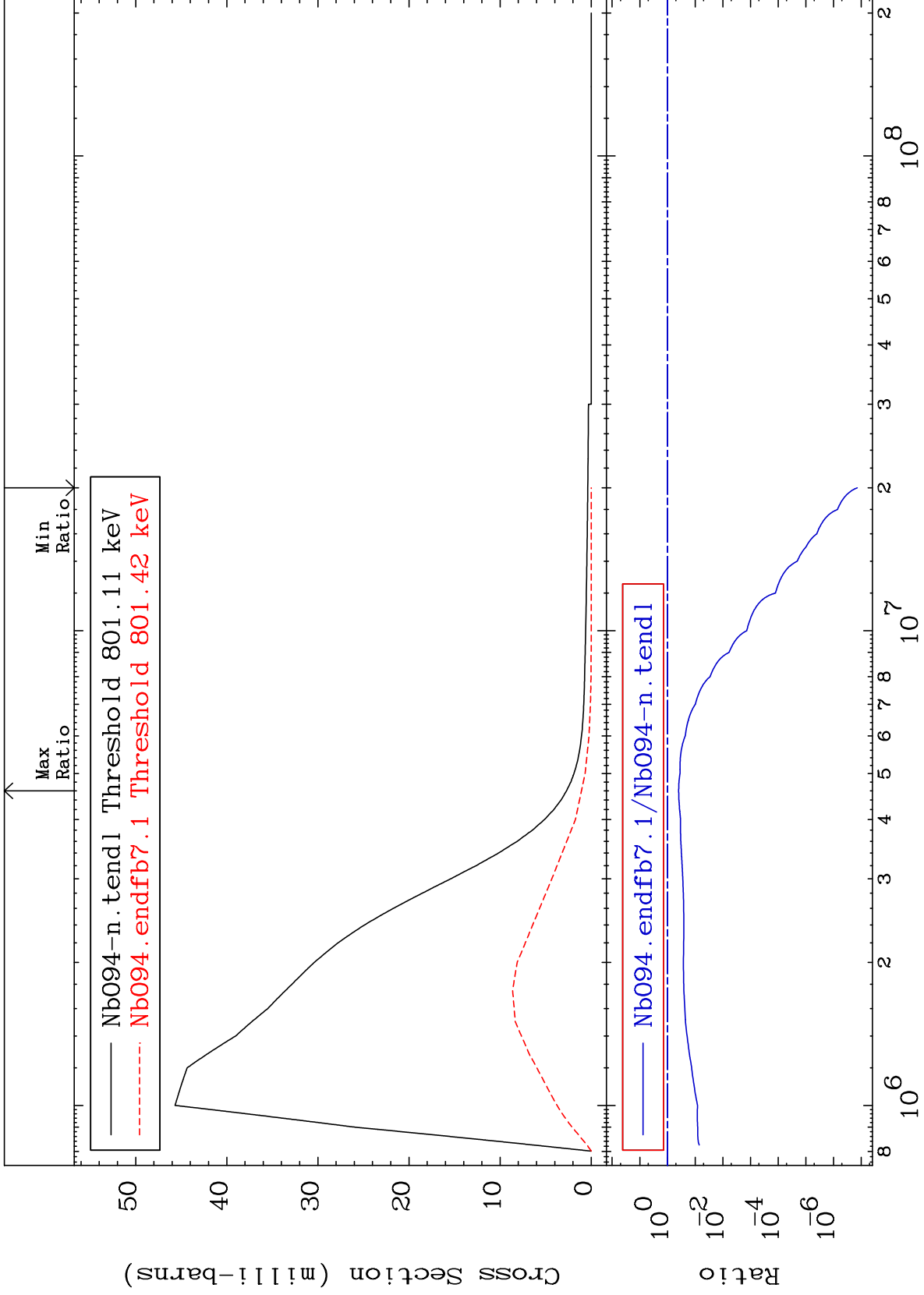
Incident Energy (eV)

41-Nb-94

MAT 4128

792.6 keV (n,n') Level  
Cross Section

41-Nb-94  
-100.0 To -60.45%





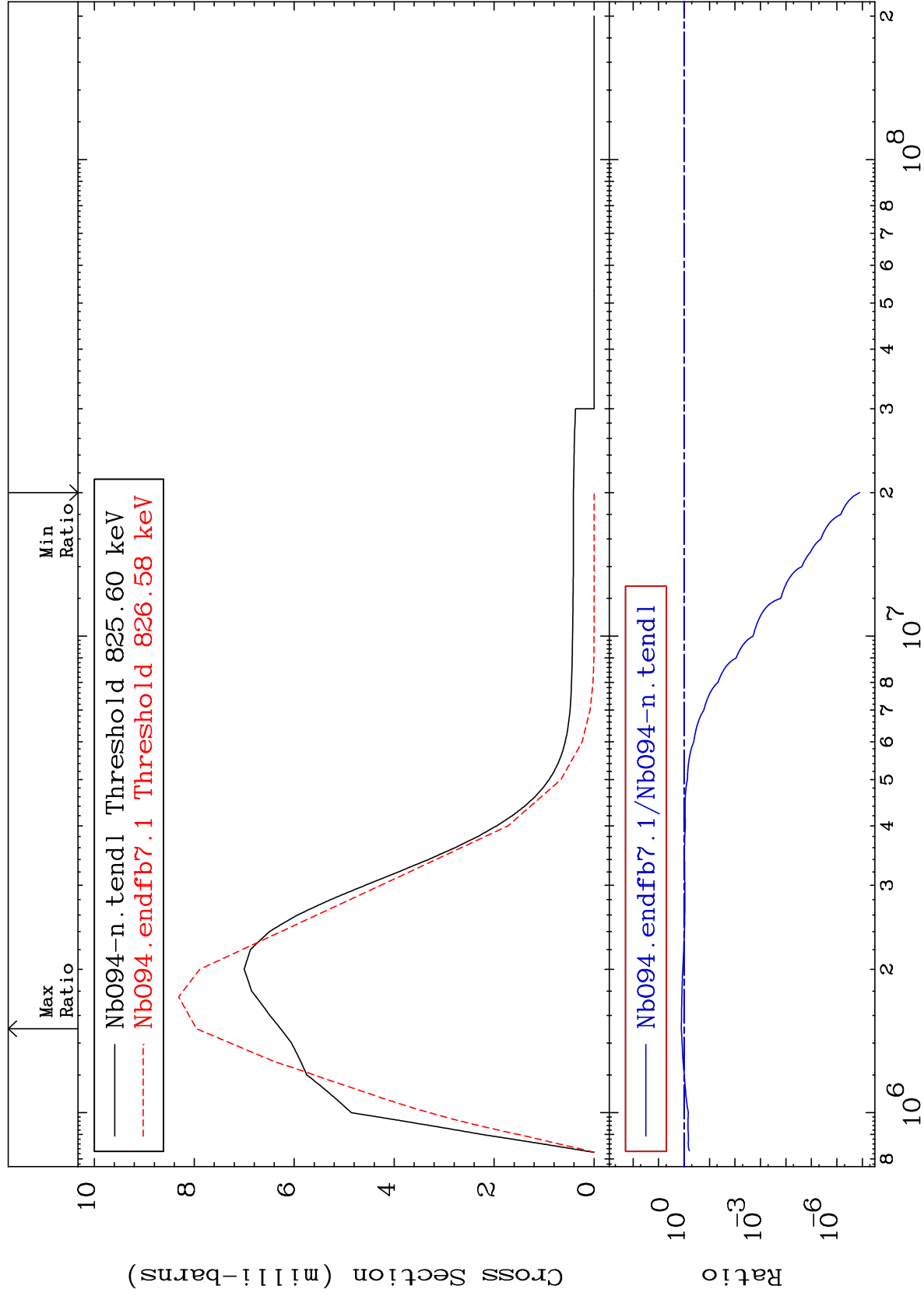
MAT 4128

816.8 keV (n,n') Level

41-Nb-94

-100.0 To 26.83 %

Cross Section



25

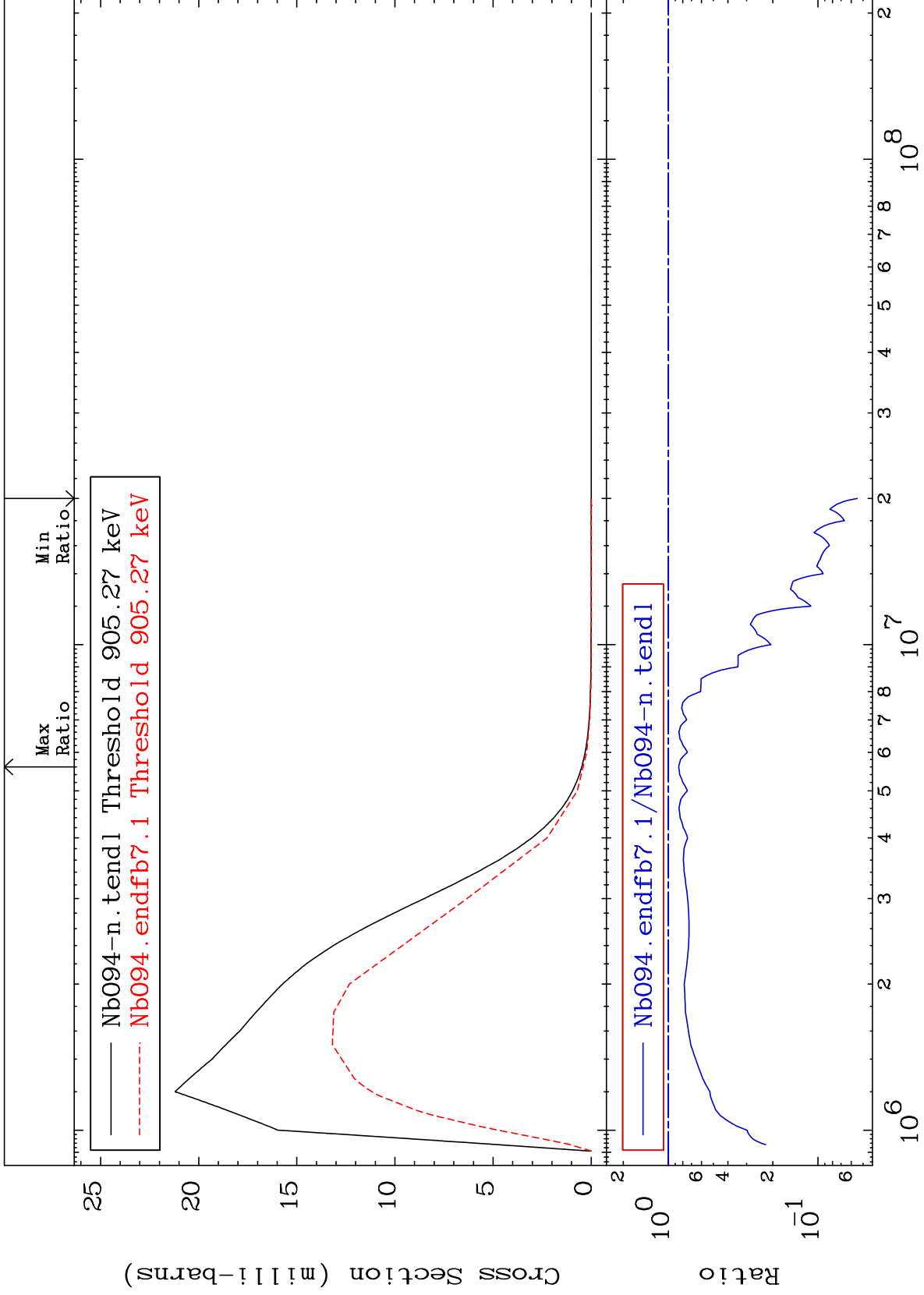
Incident Energy (eV)

41-Nb-94

MAT 4128

895.7 keV (n,n') Level  
Cross Section

41-Nb-94  
-94.54 To -14.67%



26

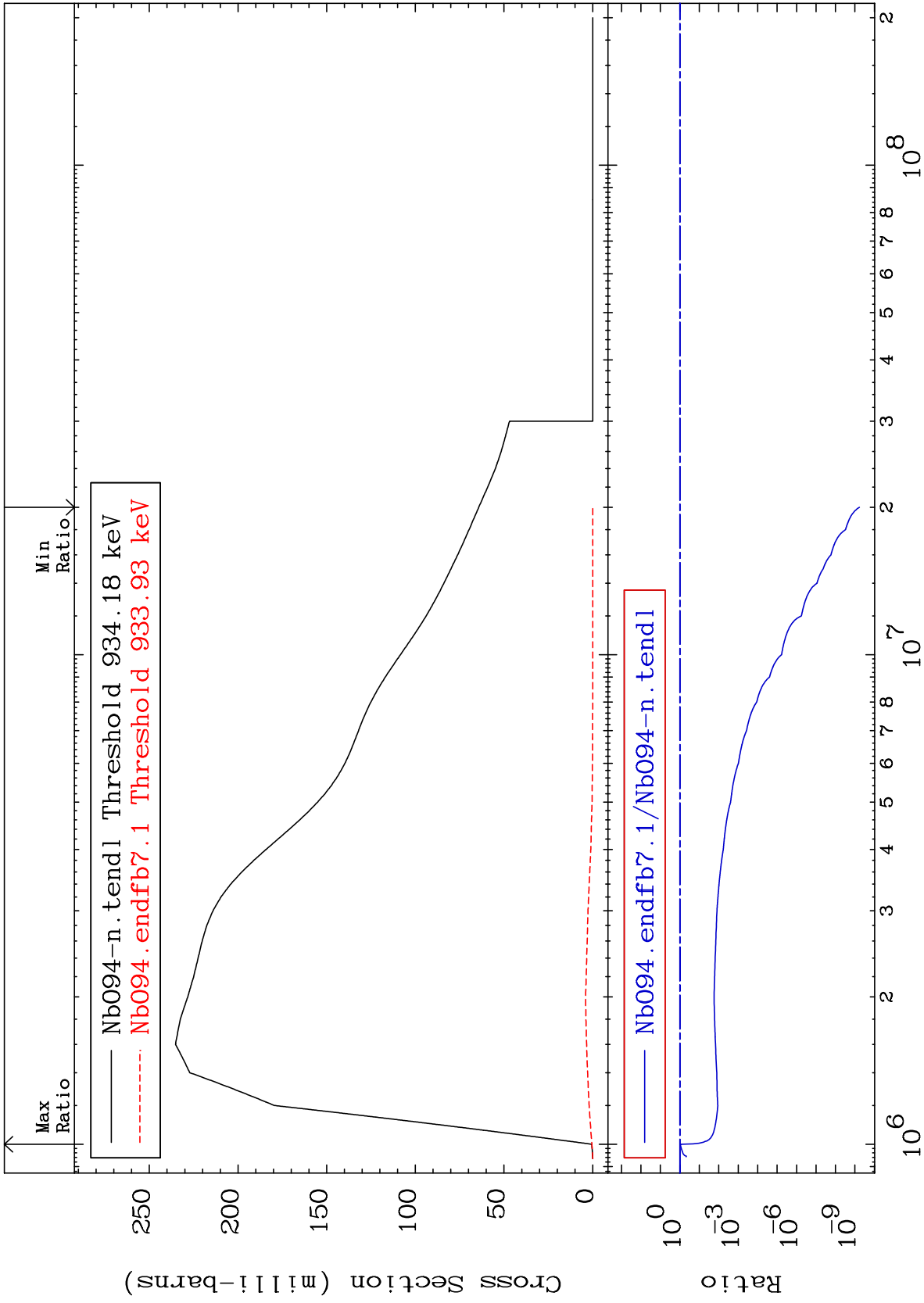
Incident Energy (eV)

41-Nb-94

MAT 4128

924.3 keV (n,n') Level  
Cross Section

41-Nb-94  
-100.0 To -6.225%



27

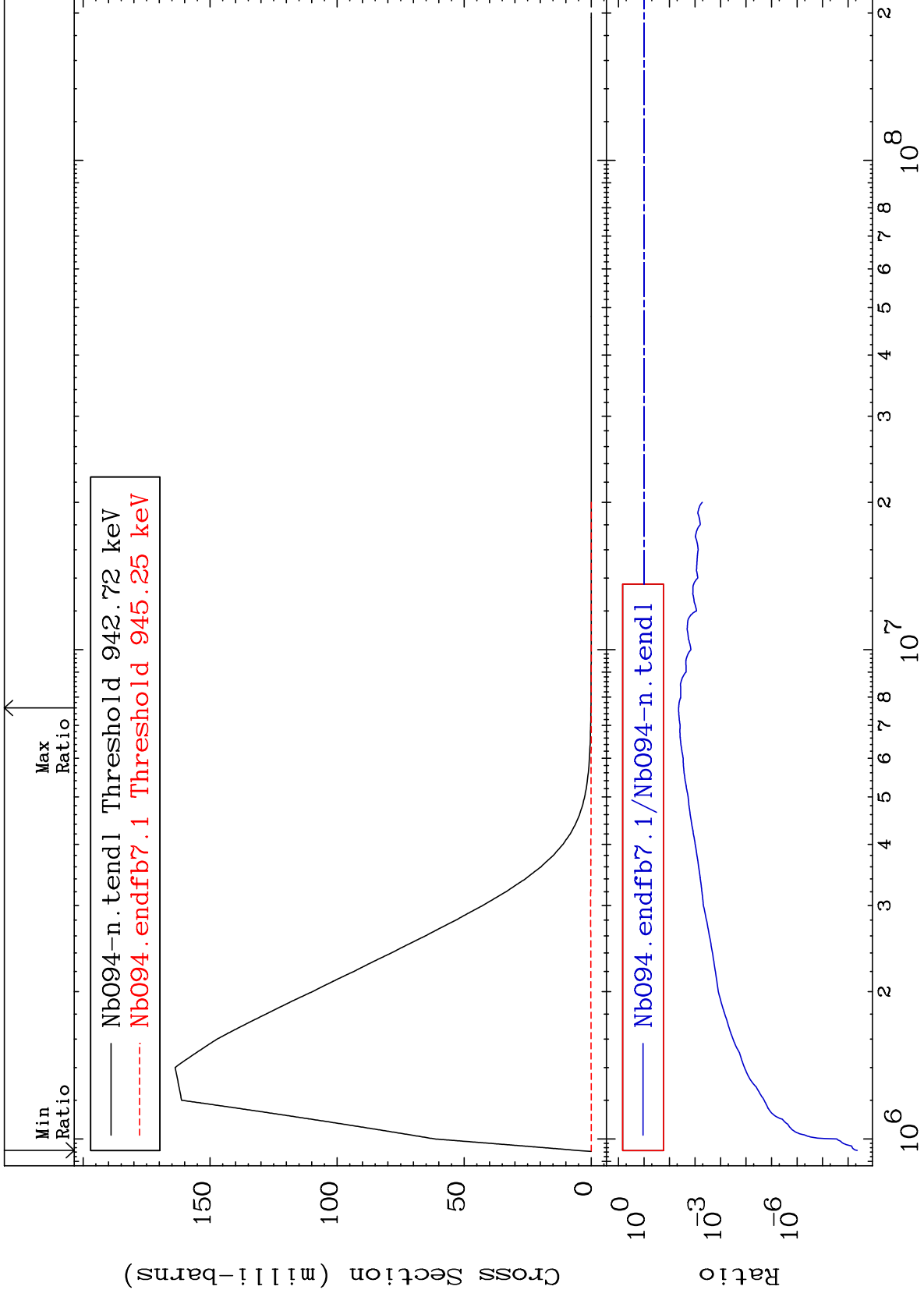
Incident Energy (eV)

41-Nb-94

MAT 4128

932.7 keV (n,n') Level  
Cross Section

41-Nb-94  
-100.0 To -95.60%



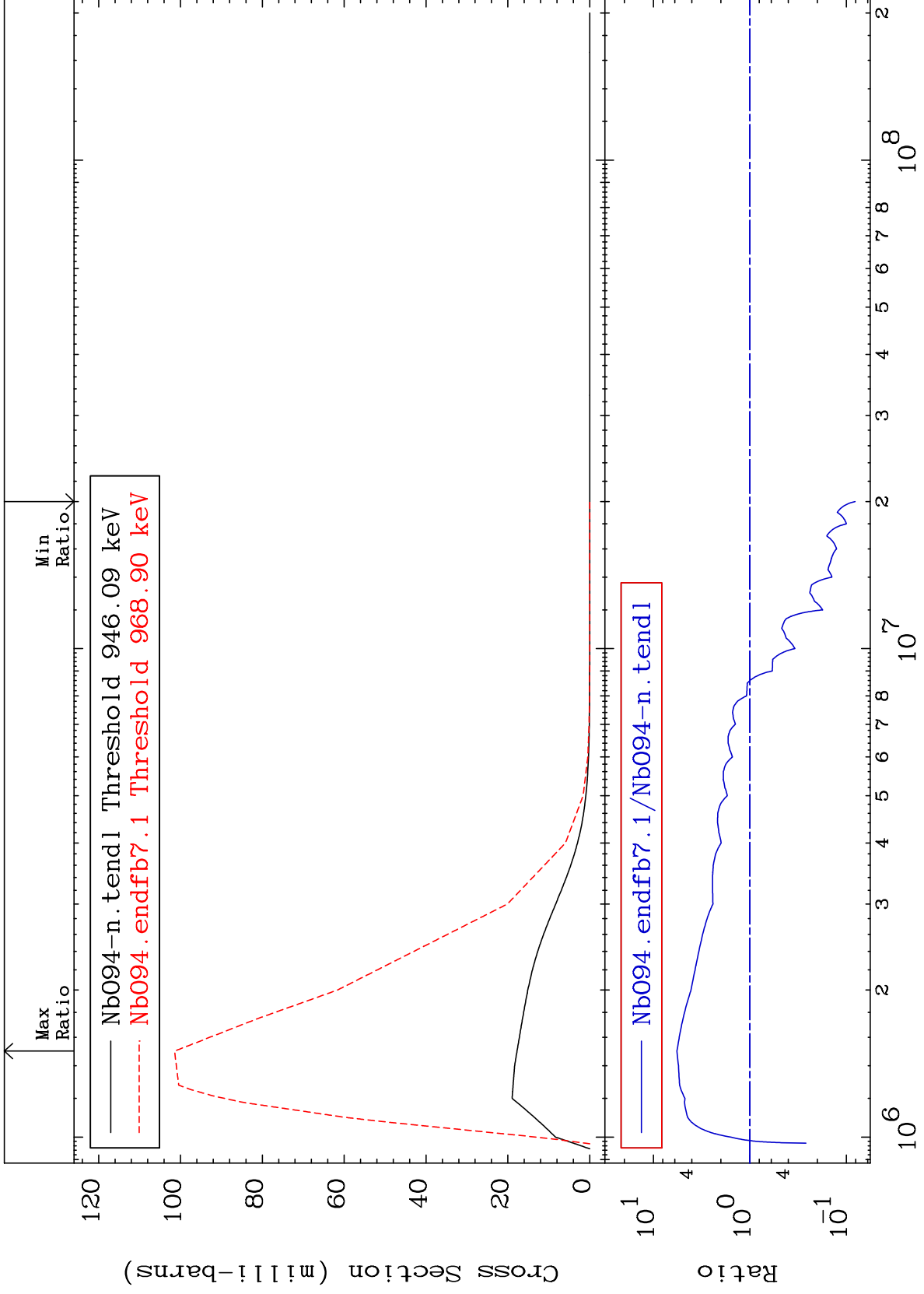
28

41-Nb-94

MAT 4128

936.0 keV (n,n') Level  
Cross Section

41-Nb-94  
-91.88 To 471.1 %



29

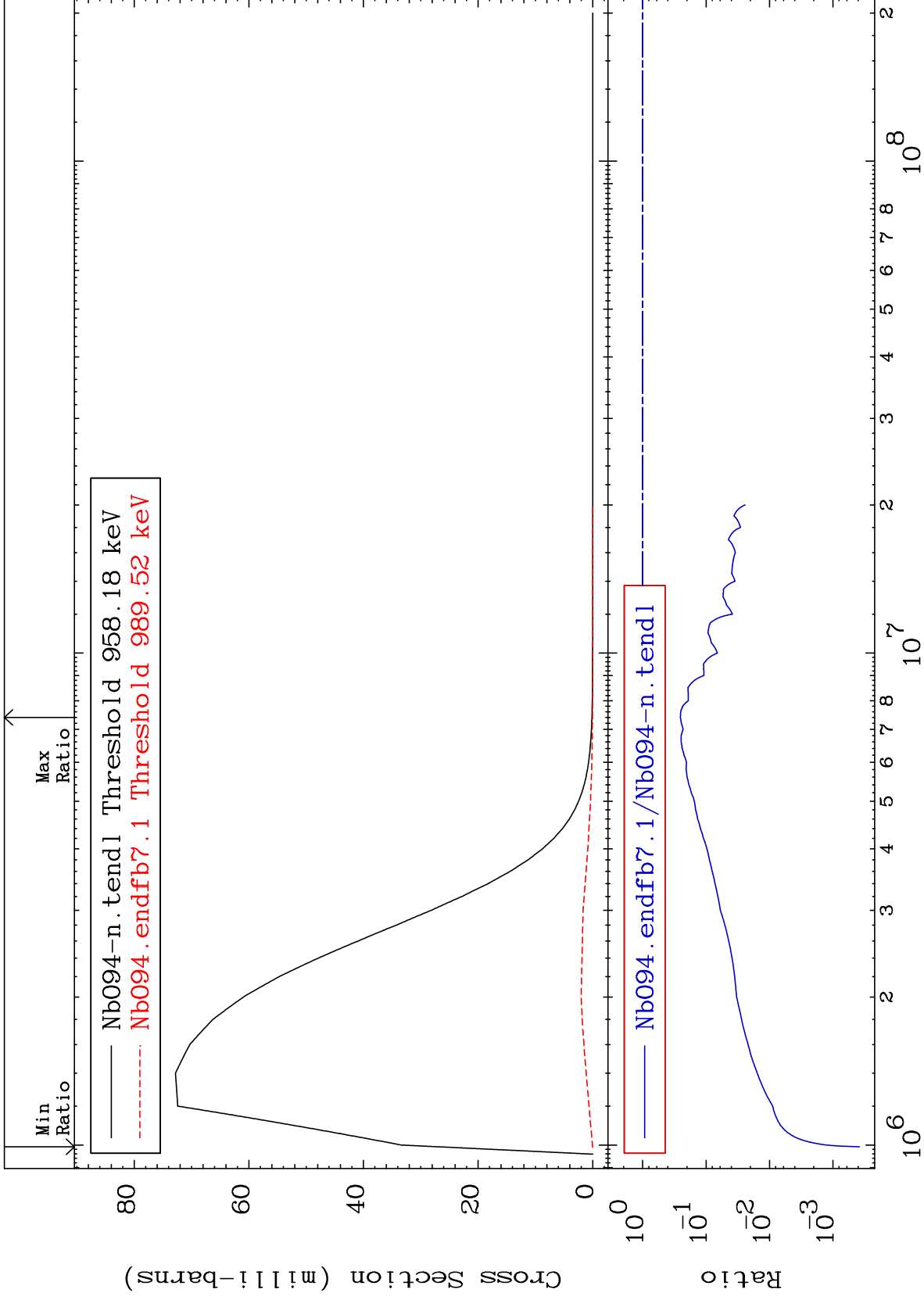
Incident Energy (eV)

41-Nb-94

MAT 4128

948.0 keV (n,n') Level  
Cross Section

41-Nb-94  
-99.96 To -74.56%



30

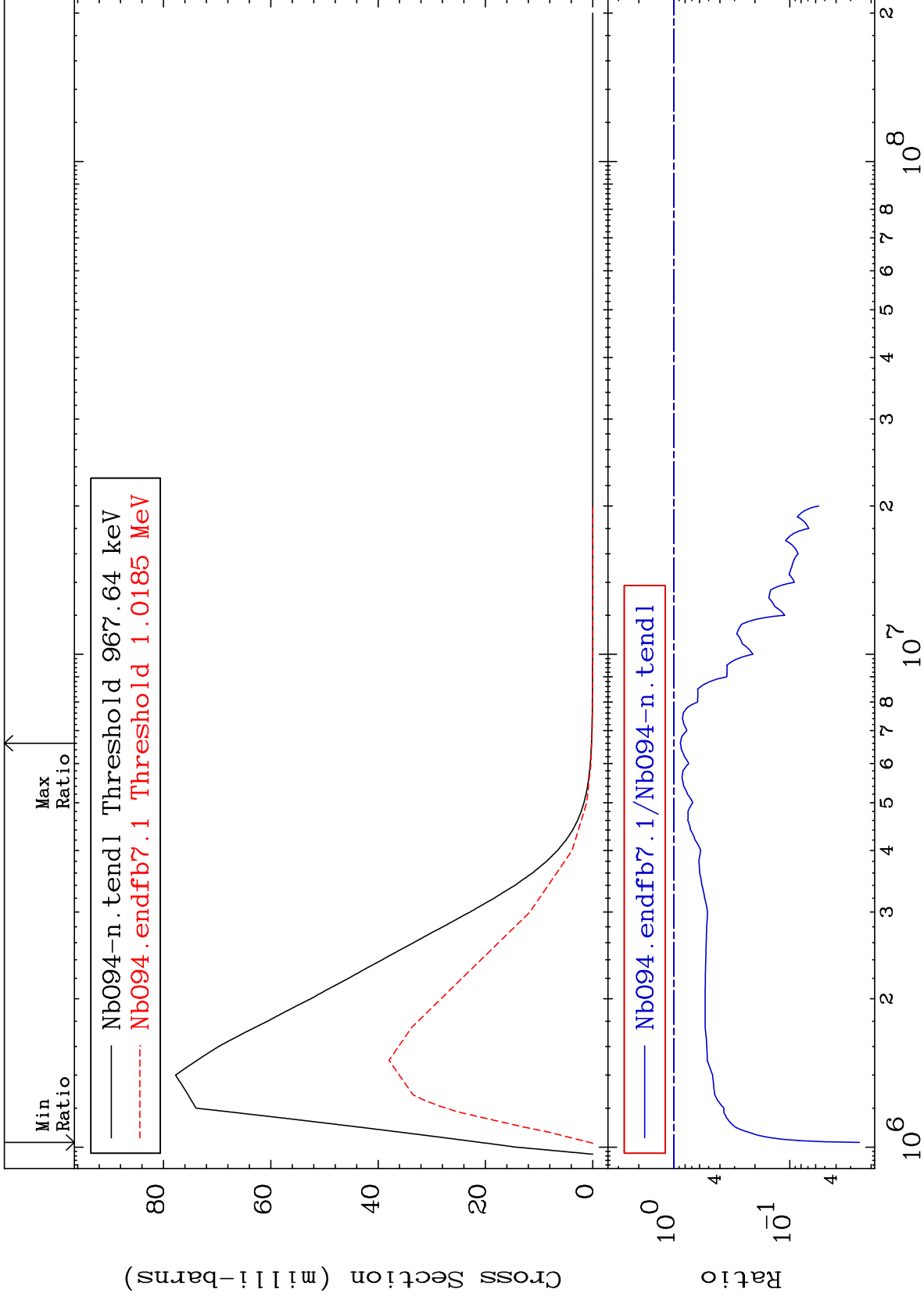
Incident Energy (eV)

41-Nb-94

MAT 4128

957.4 keV (n,n') Level  
Cross Section

41-Nb-94  
-97.48 To -12.25%



31

Incident Energy (eV)

41-Nb-94

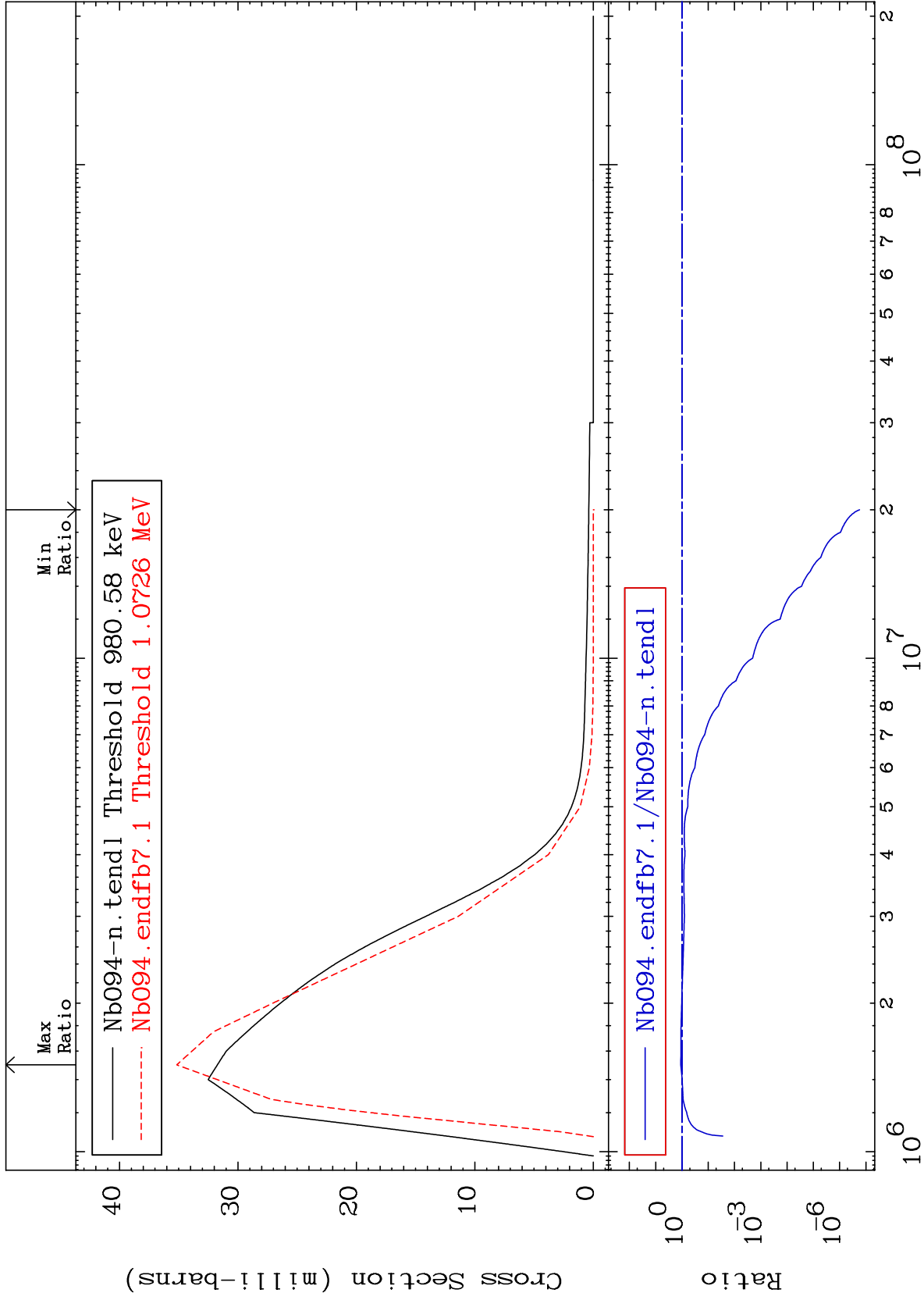
MAT 4128

970.2 keV (n,n') Level

41-Nb-94

-100.0 To 10.79 %

Cross Section



Incident Energy (eV)

41-Nb-94

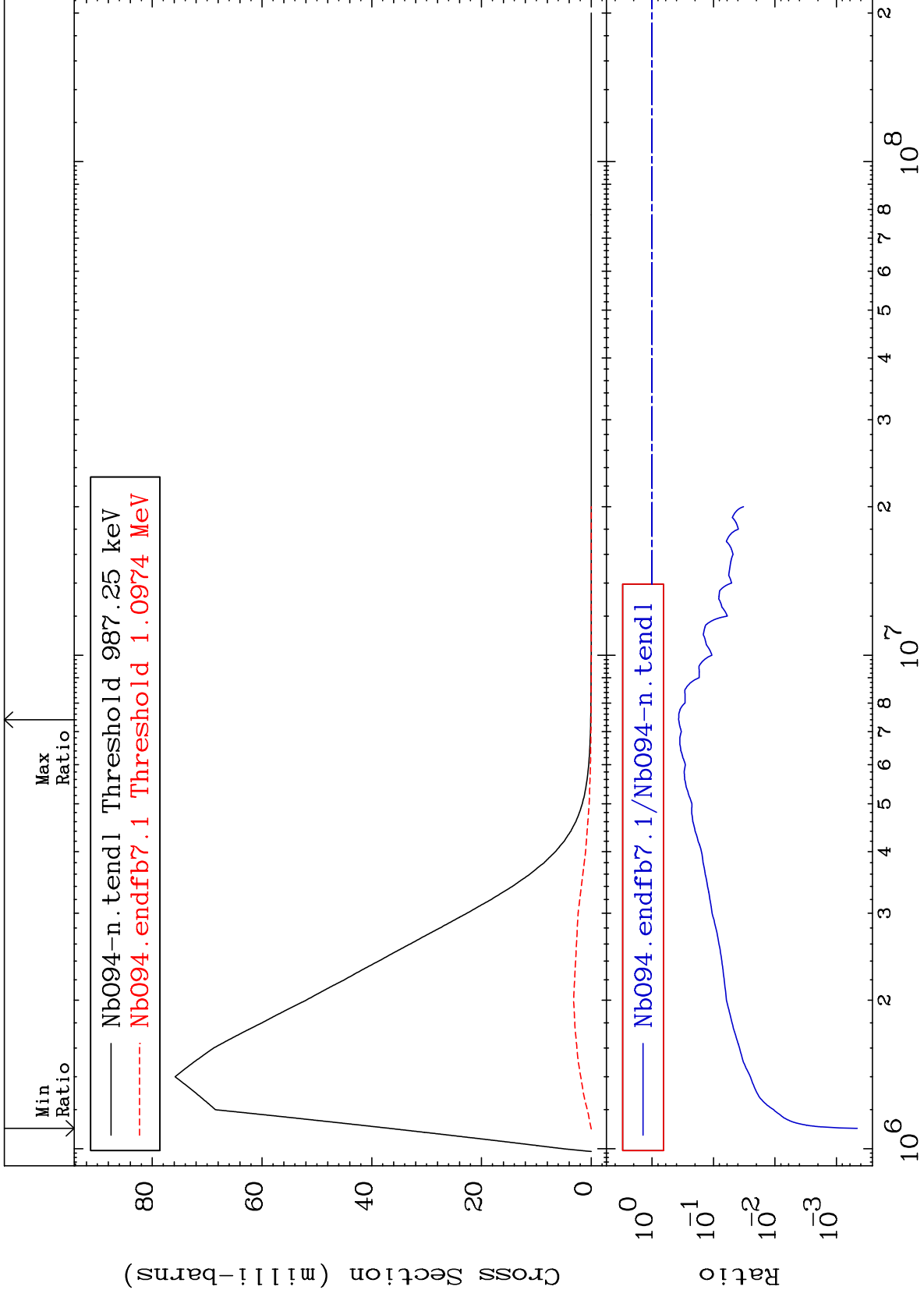
32



MAT 4128

976.8 keV (n,n') Level  
Cross Section

41-Nb-94  
-99.95 To -63.06%



33

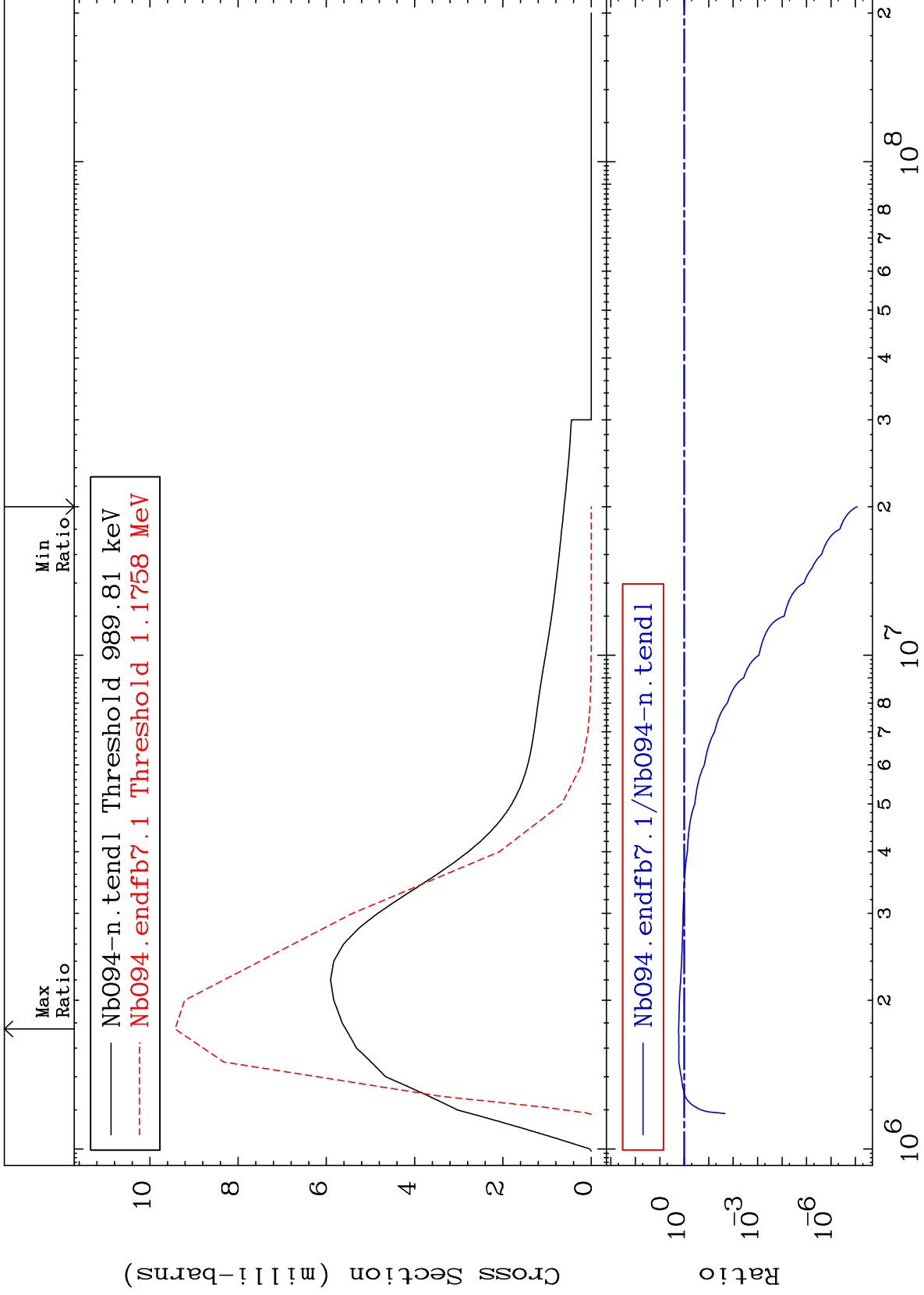
Incident Energy (eV)

41-Nb-94

MAT 4128

979.3 keV (n,n') Level  
Cross Section

41-Nb-94  
-100.0 To 69.54 %



34

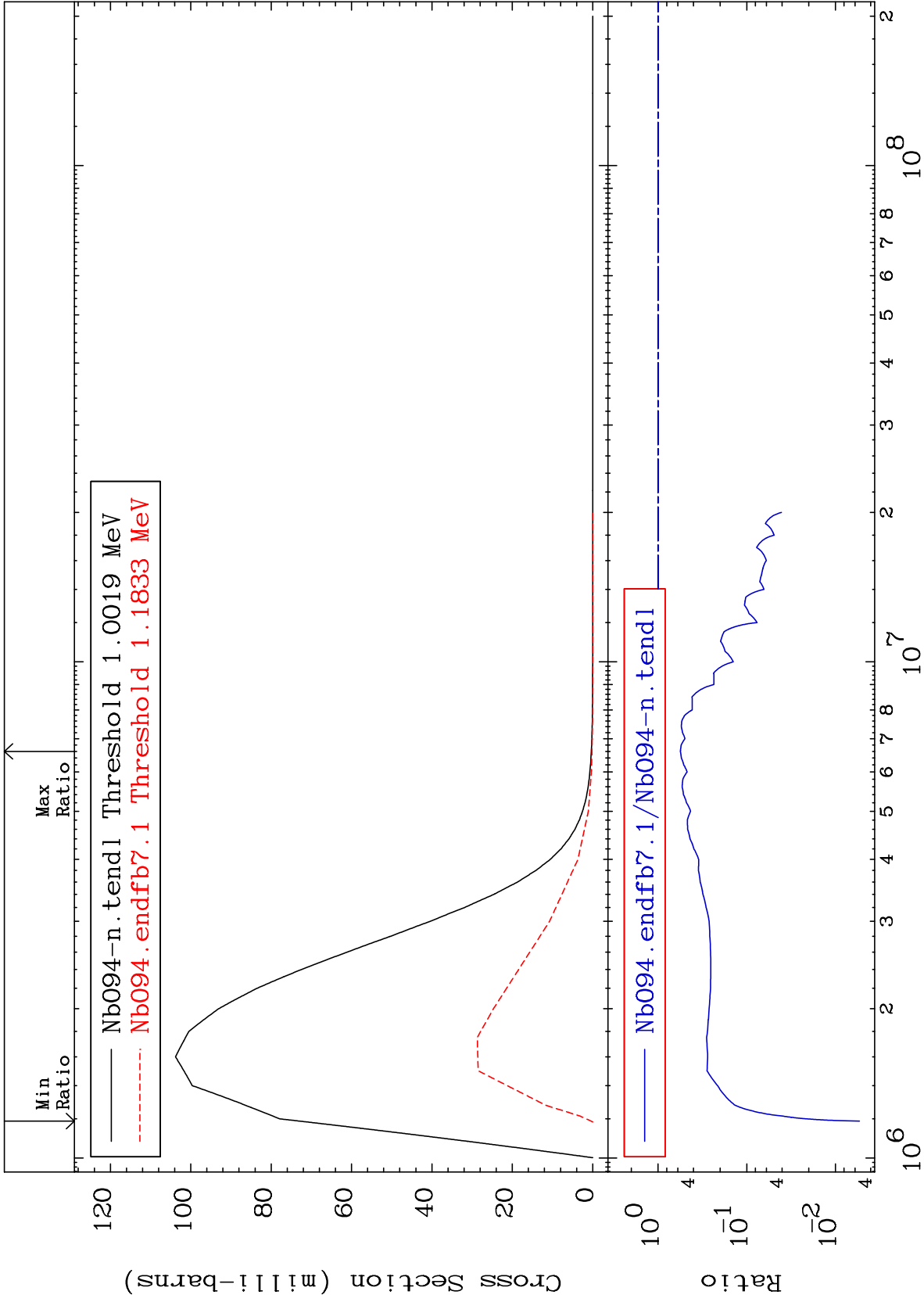
Incident Energy (eV)

41-Nb-94

MAT 4128

991.3 keV (n,n') Level  
Cross Section

41-Nb-94  
-99.46 To -43.95%



35

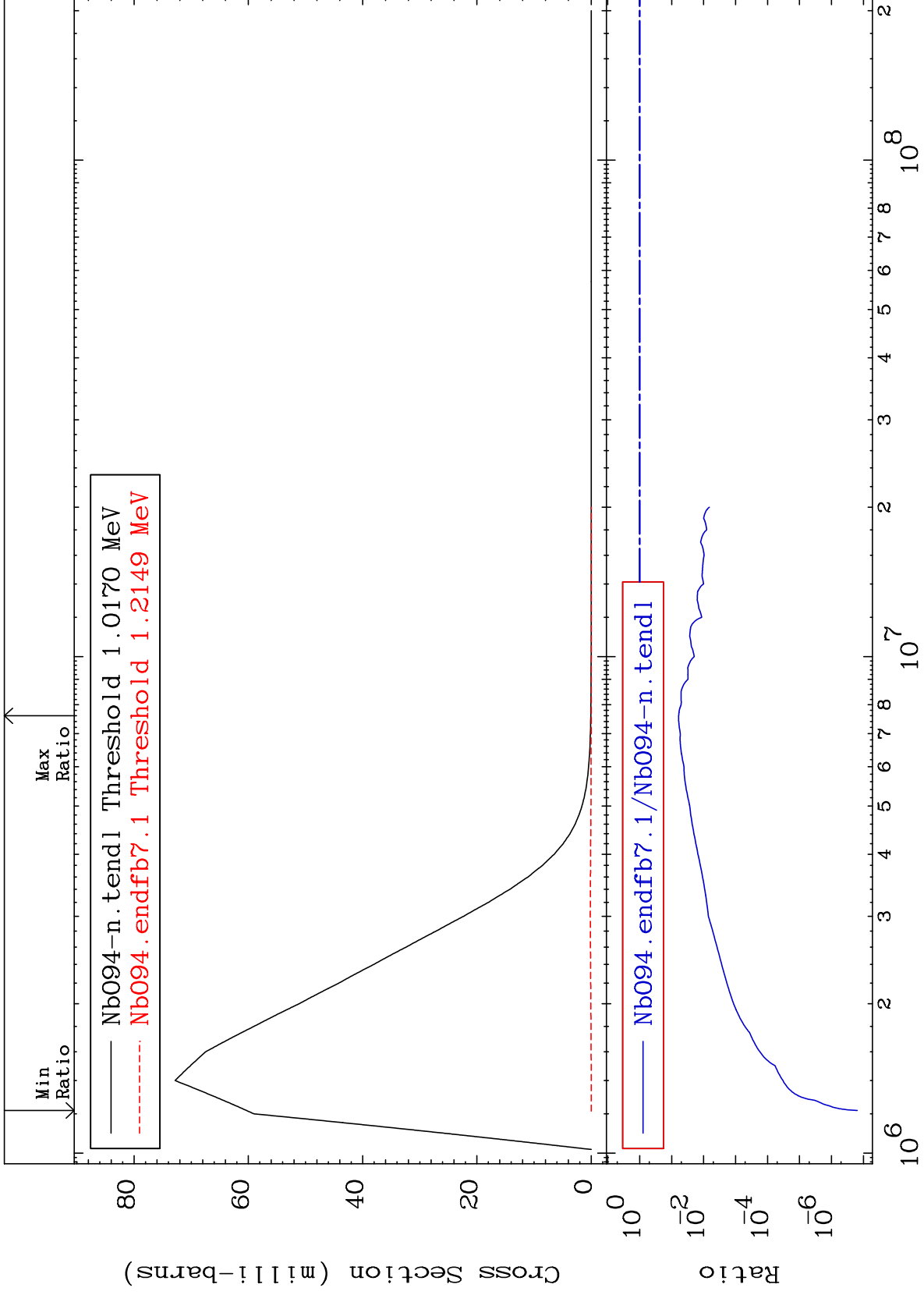
Incident Energy (eV)

41-Nb-94

MAT 4128

1.006 MeV (n,n') Level  
Cross Section

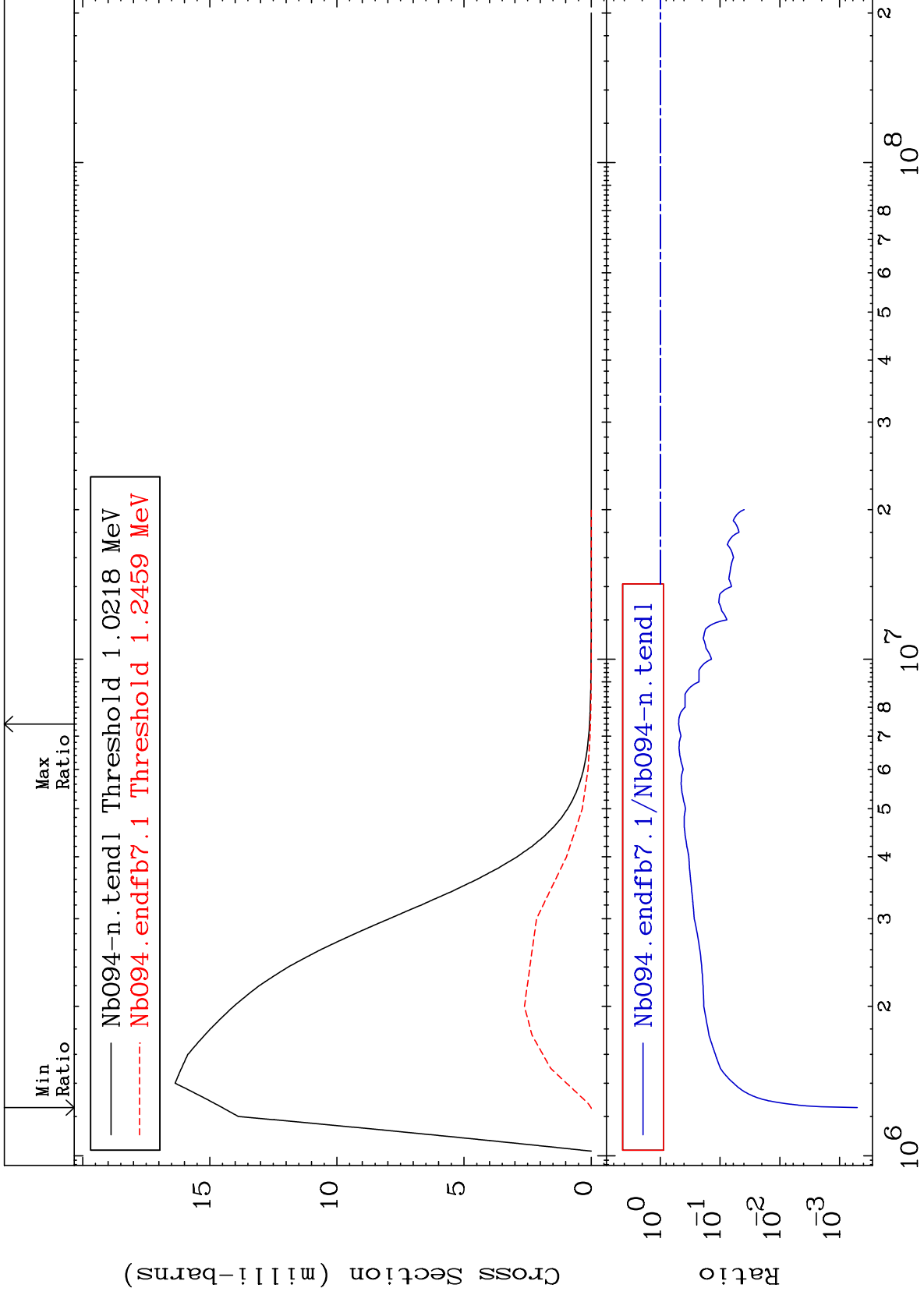
41-Nb-94  
-100.0 To -93.96%



MAT 4128

1.011 MeV (n,n') Level  
Cross Section

41-Nb-94  
-99.95 To -50.74%



37

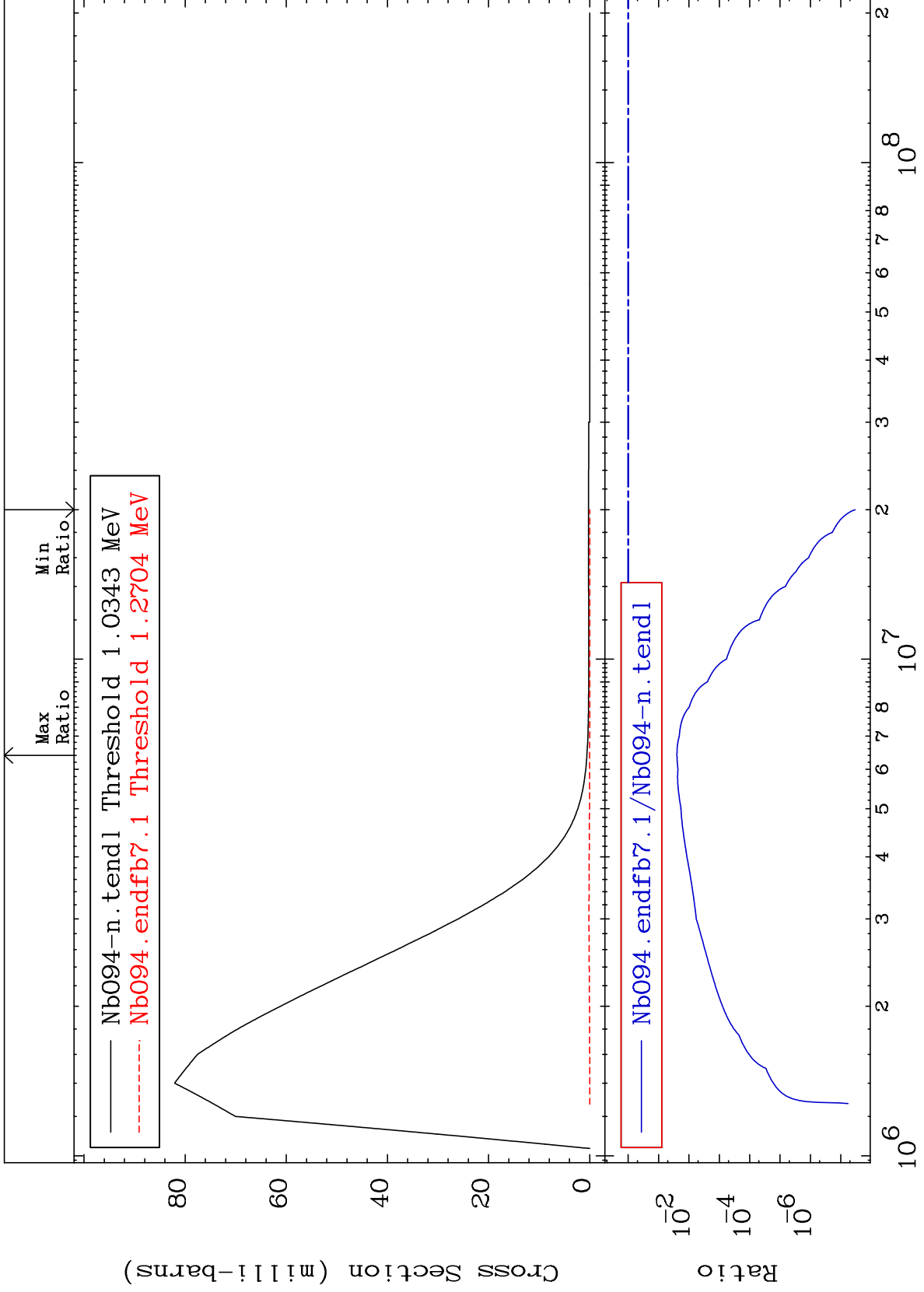
Incident Energy (eV)

41-Nb-94

MAT 4128

1.023 MeV (n,n') Level  
Cross Section

41-Nb-94  
-100.0 To -97.51%



38

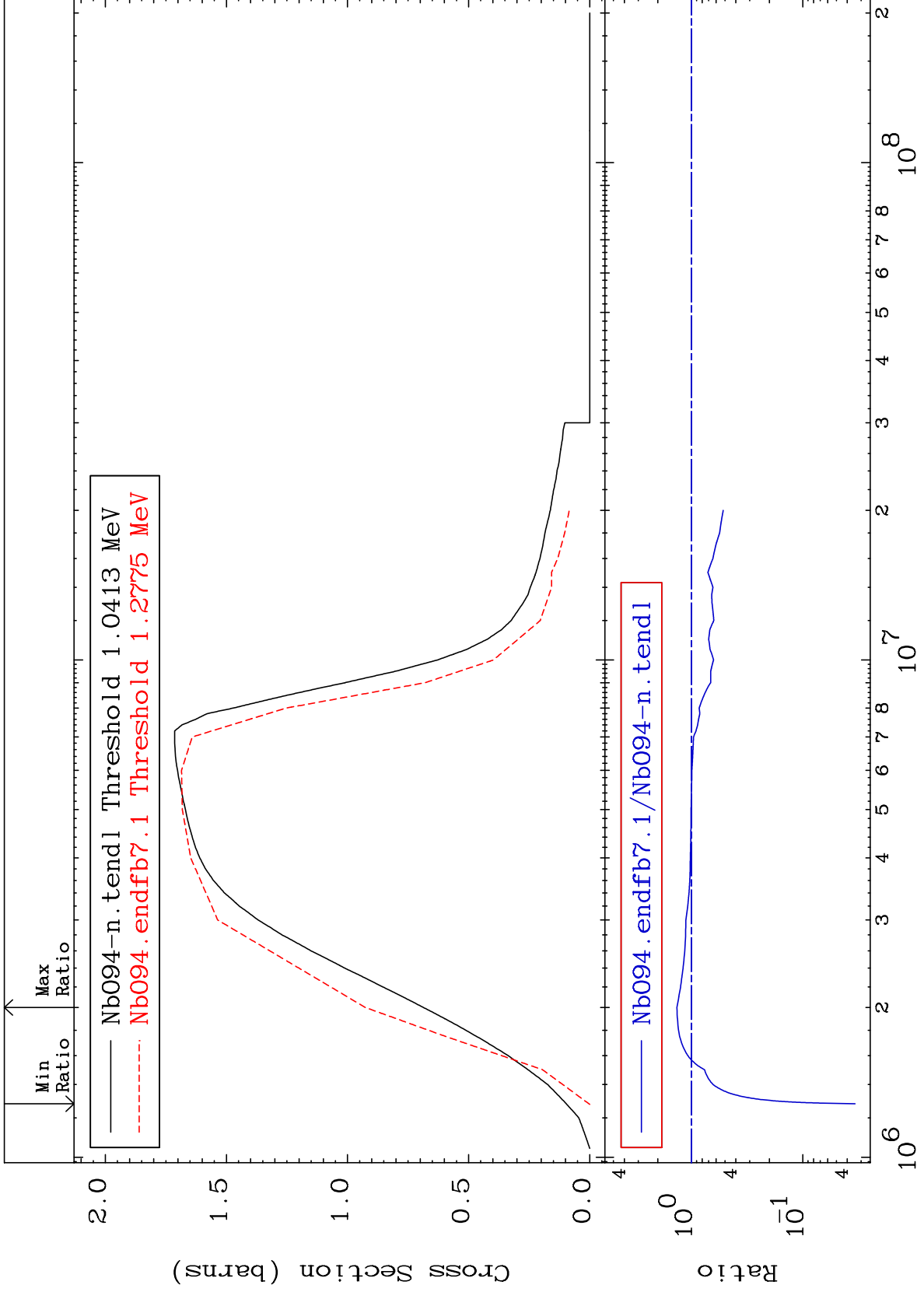
Incident Energy (eV)

41-Nb-94

MAT 4128

(n, n') Continuum  
Cross Section

41-Nb-94  
-96.60 To 34.88 %



39

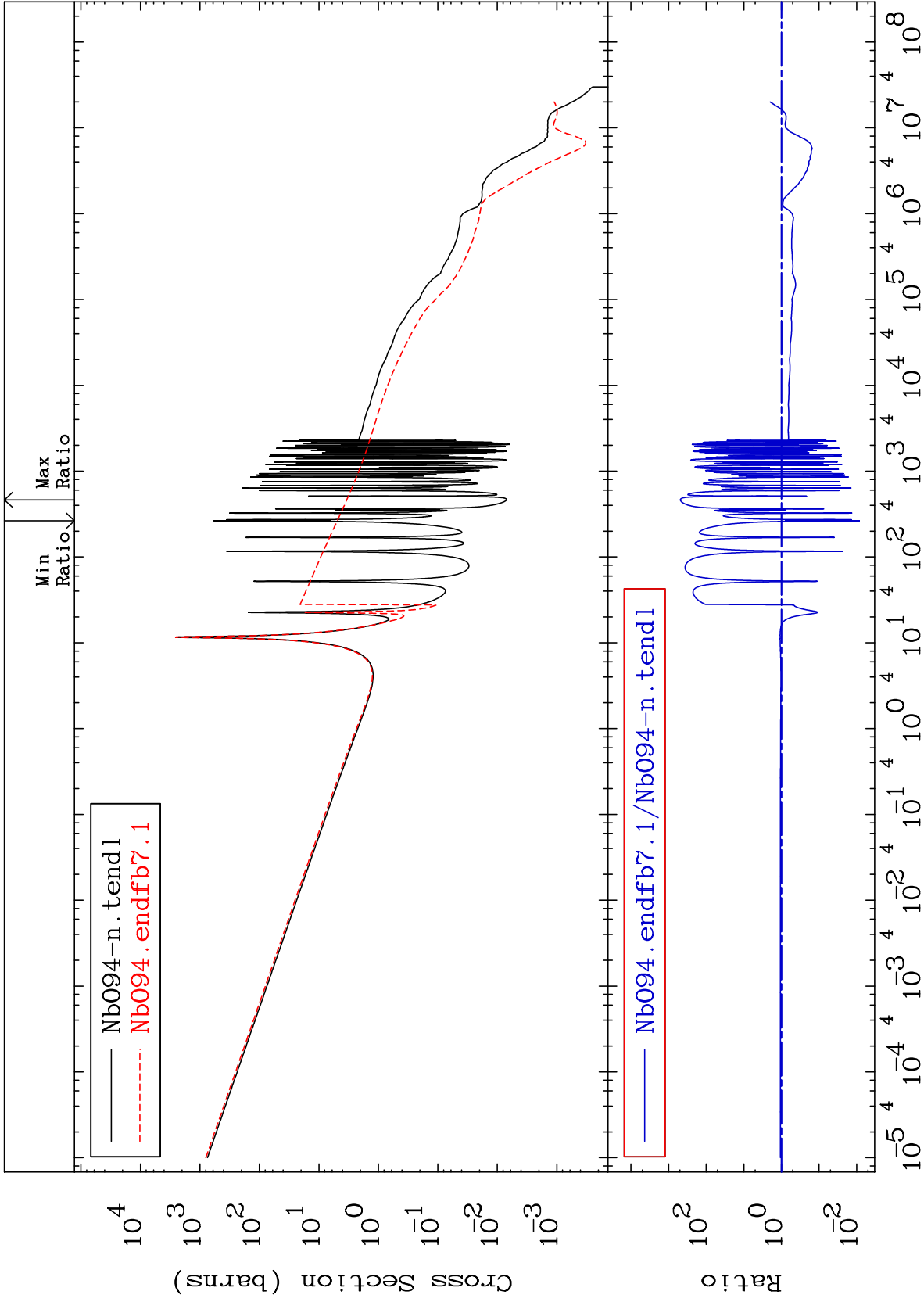
Incident Energy (eV)

41-Nb-94

MAT 4128

(n,  $\gamma$ )  
Cross Section

41-Nb-94  
-99.16 To 9999. %



40

Incident Energy (eV)

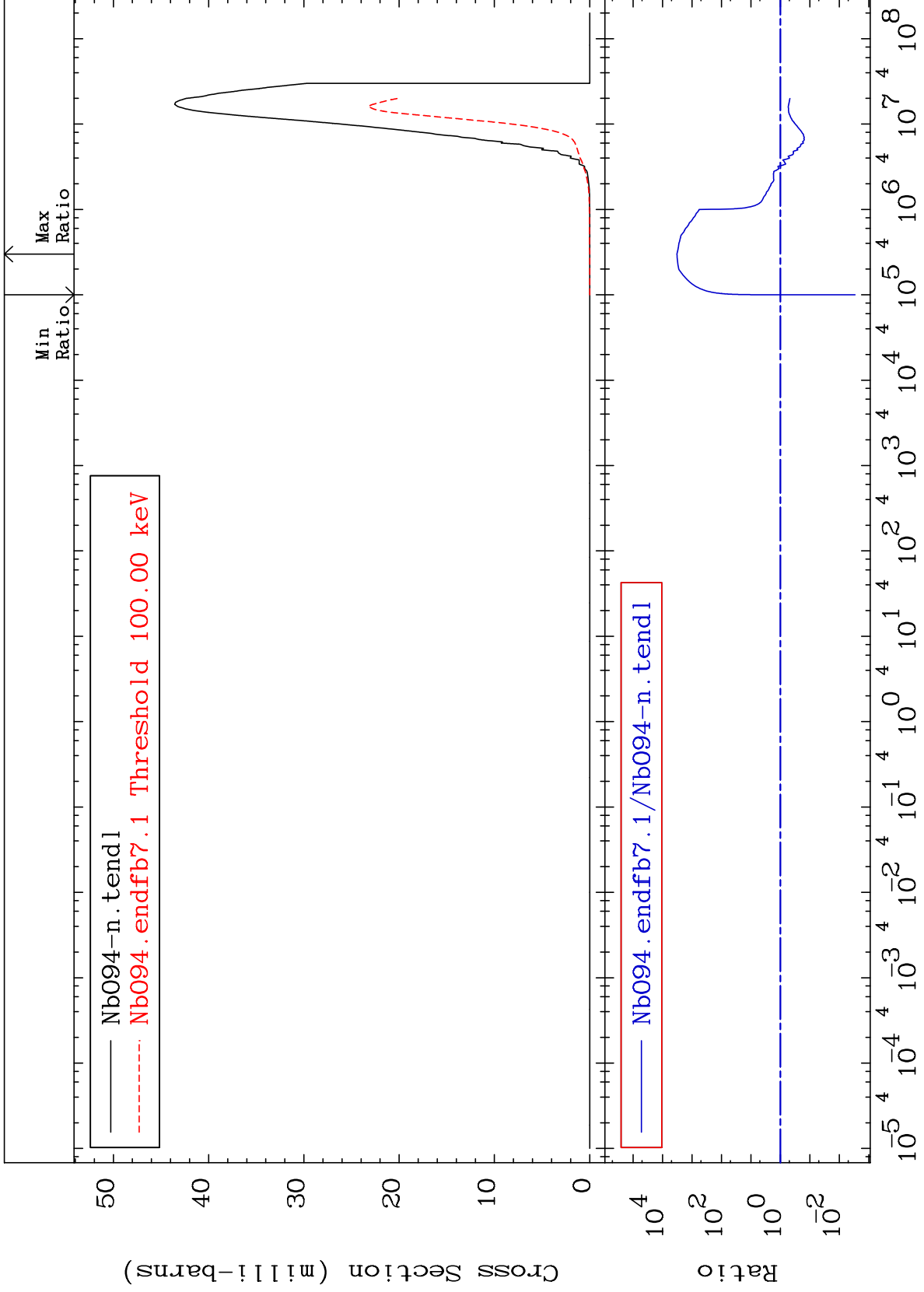
41-Nb-94



MAT 4128

(n,p)  
Cross Section

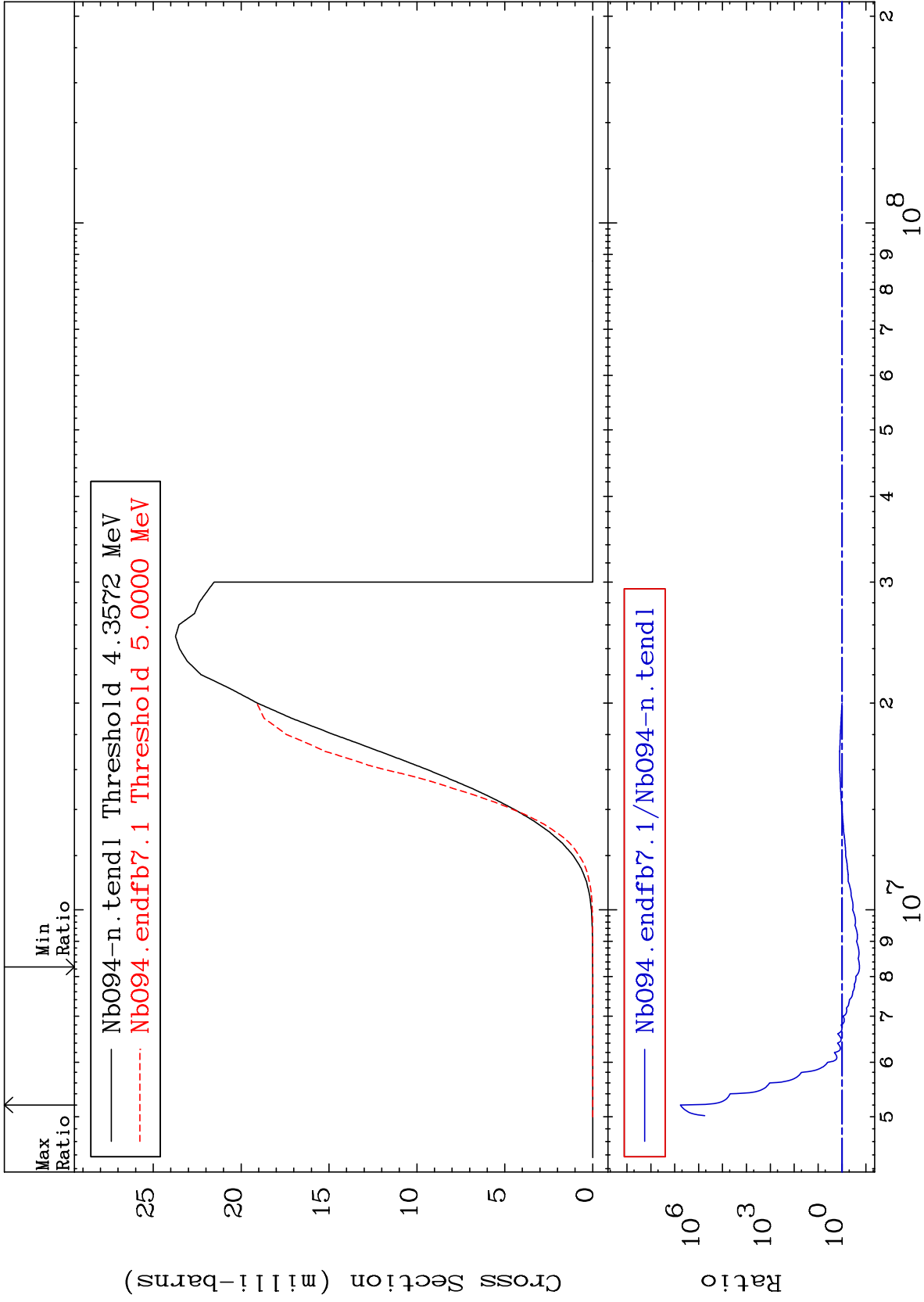
41-Nb-94  
-99.71 To 9999. %



MAT 4128

(n, d)  
Cross Section

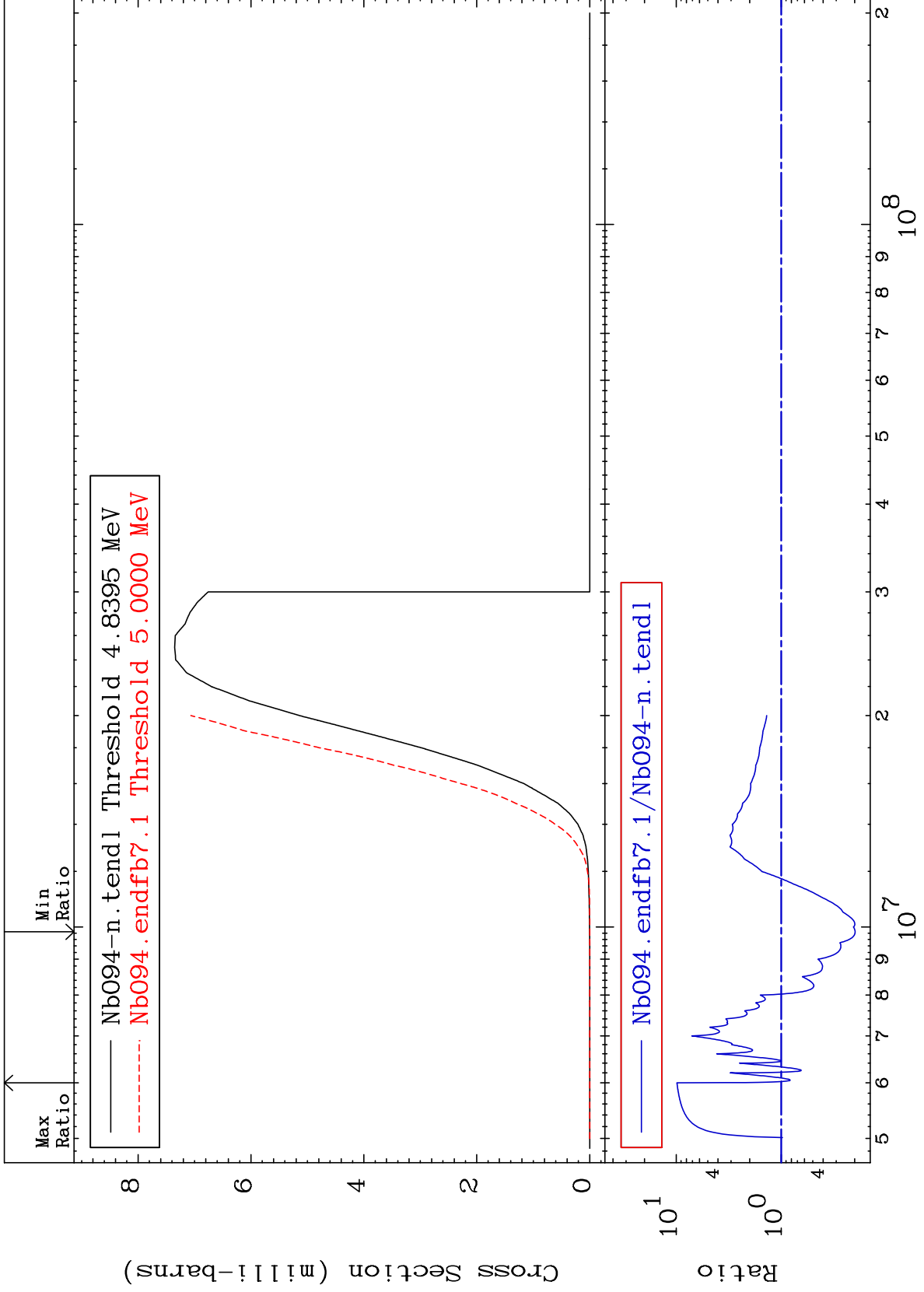
41-Nb-94  
-81.28 To 9999. %



MAT 4128

(n, t)  
Cross Section

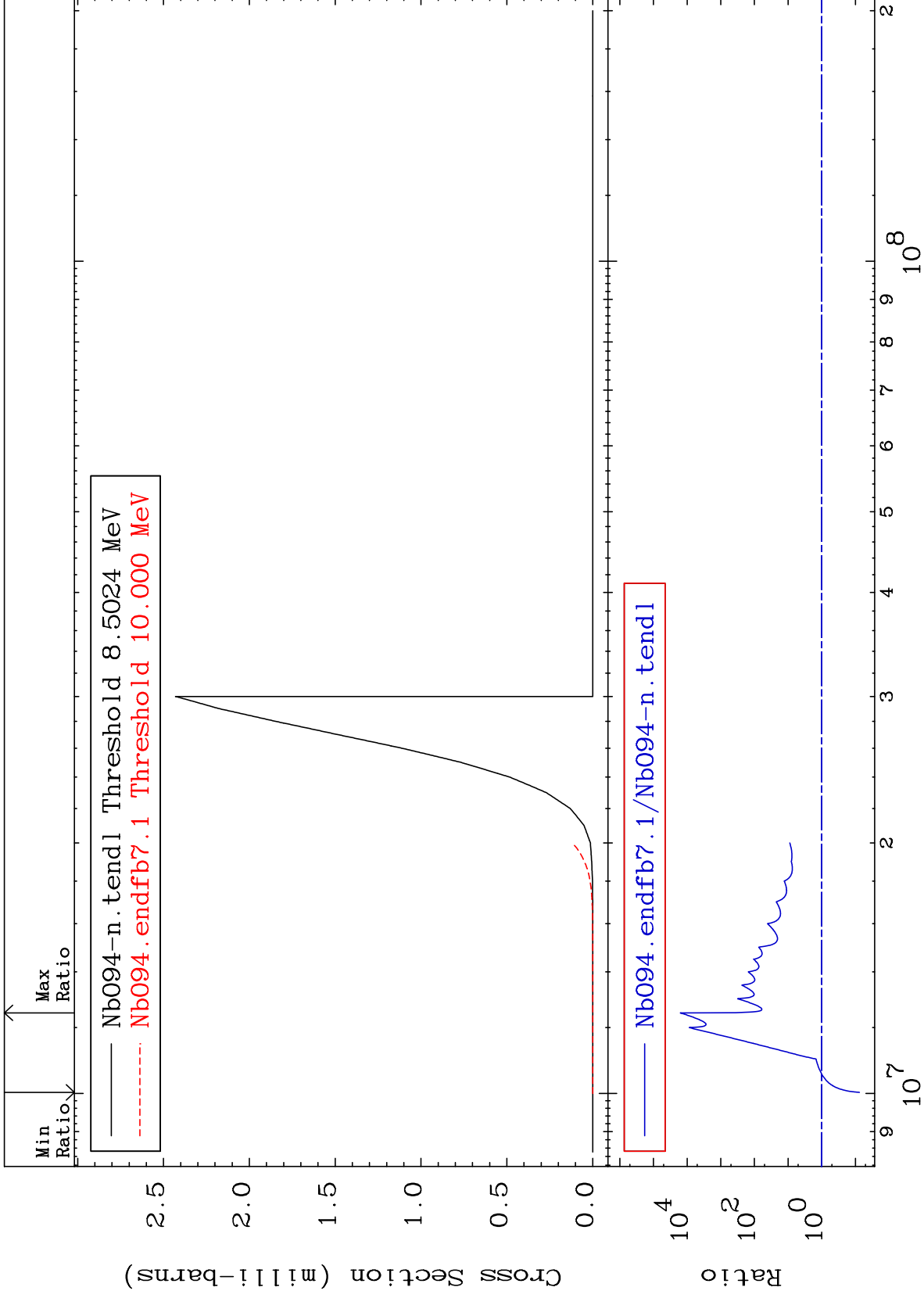
41-Nb-94  
-80.19 To 884.4 %



43

Incident Energy (eV)

41-Nb-94



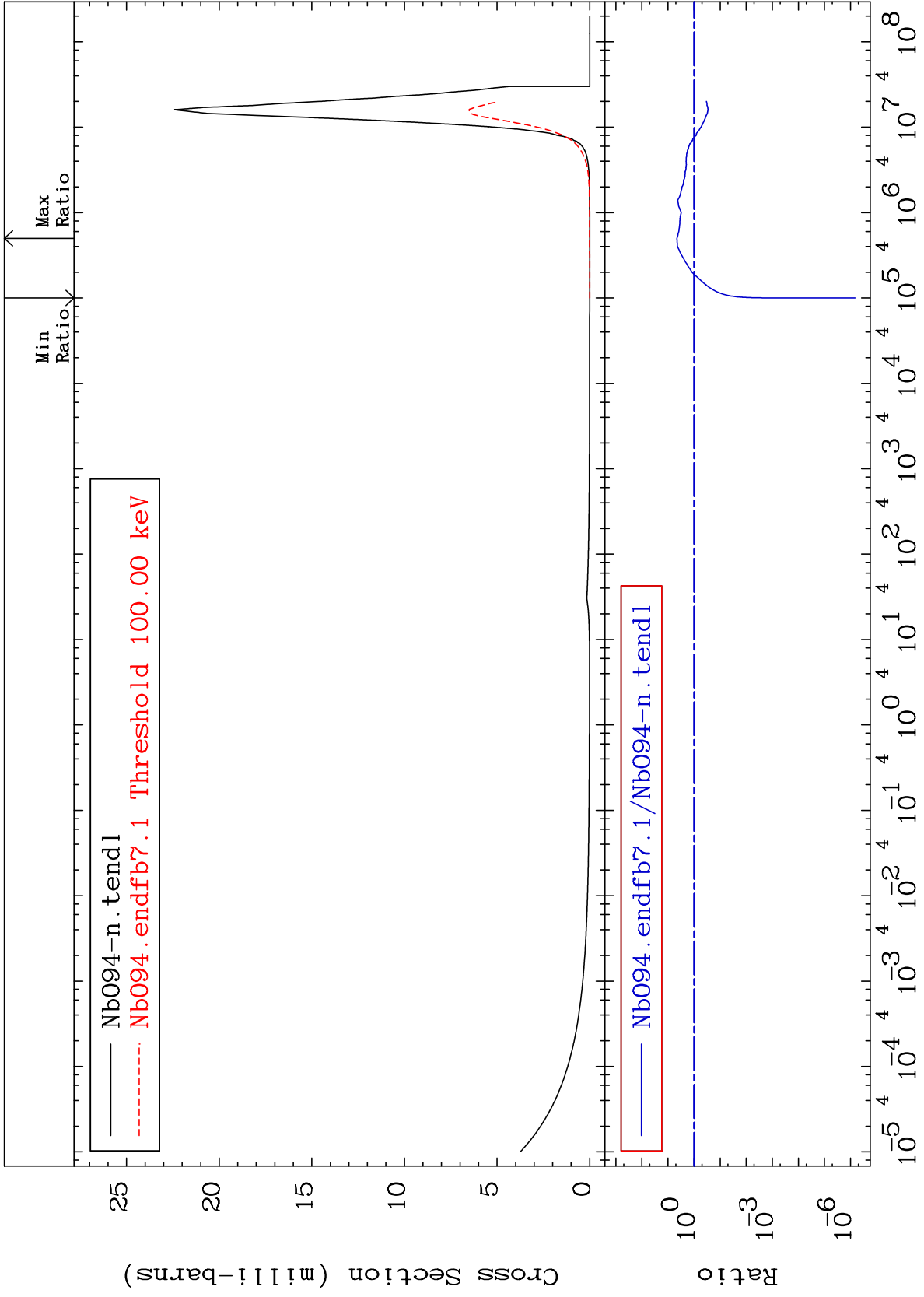
MAT 4128

(n,  $\alpha$ )

41-Nb-94

Cross Section

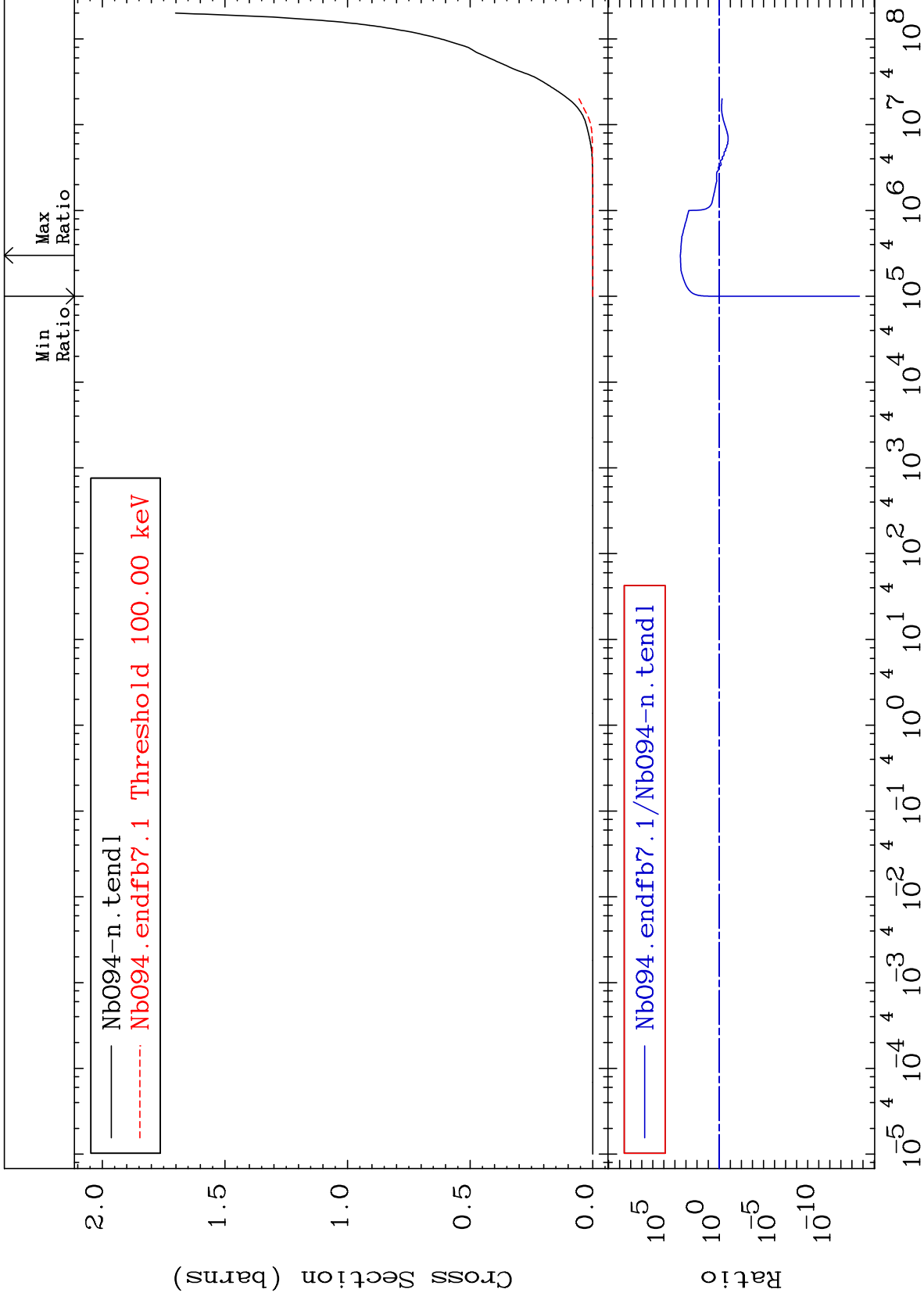
-100.0 To 353.9 %

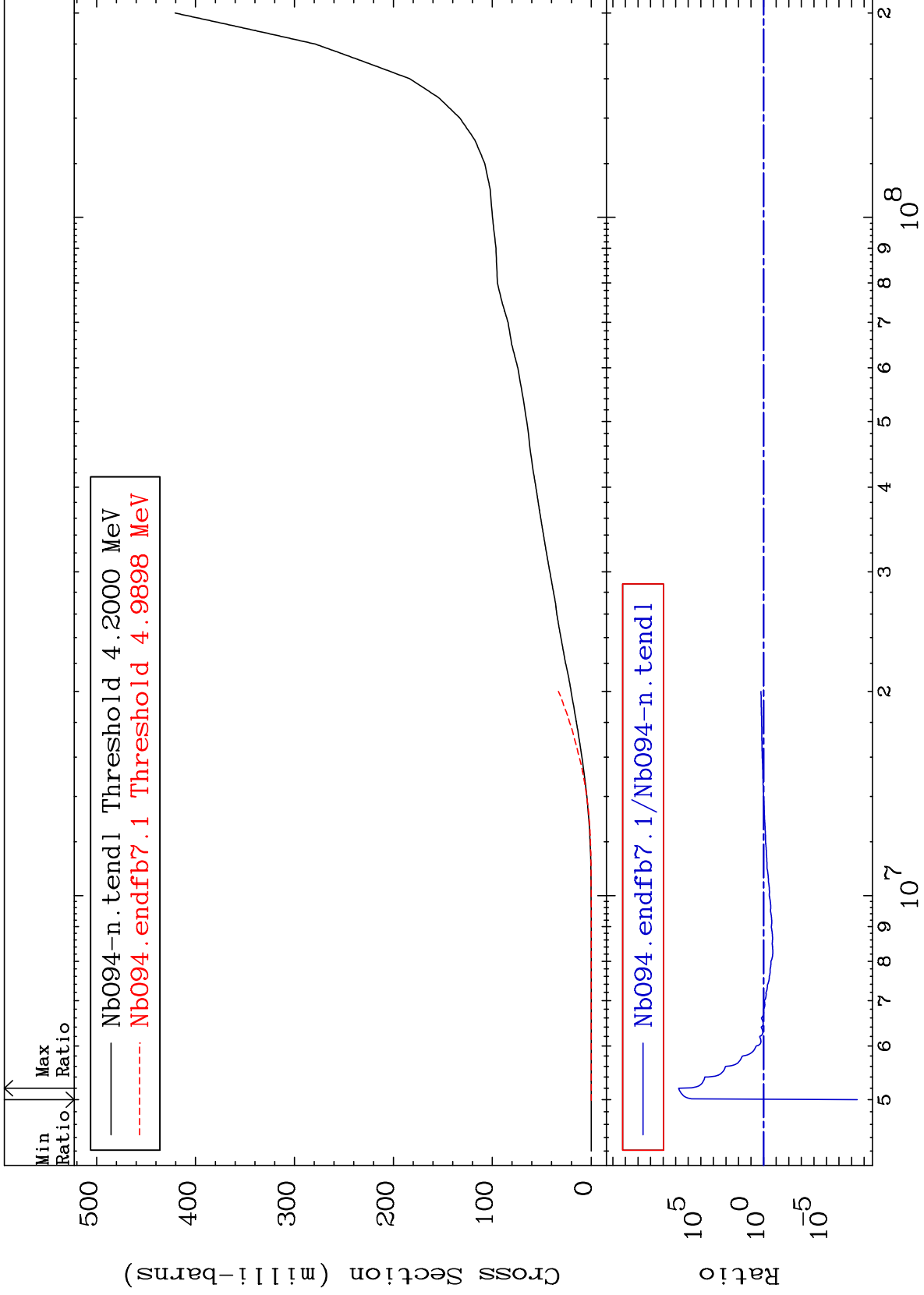


45

Incident Energy (eV)

41-Nb-94

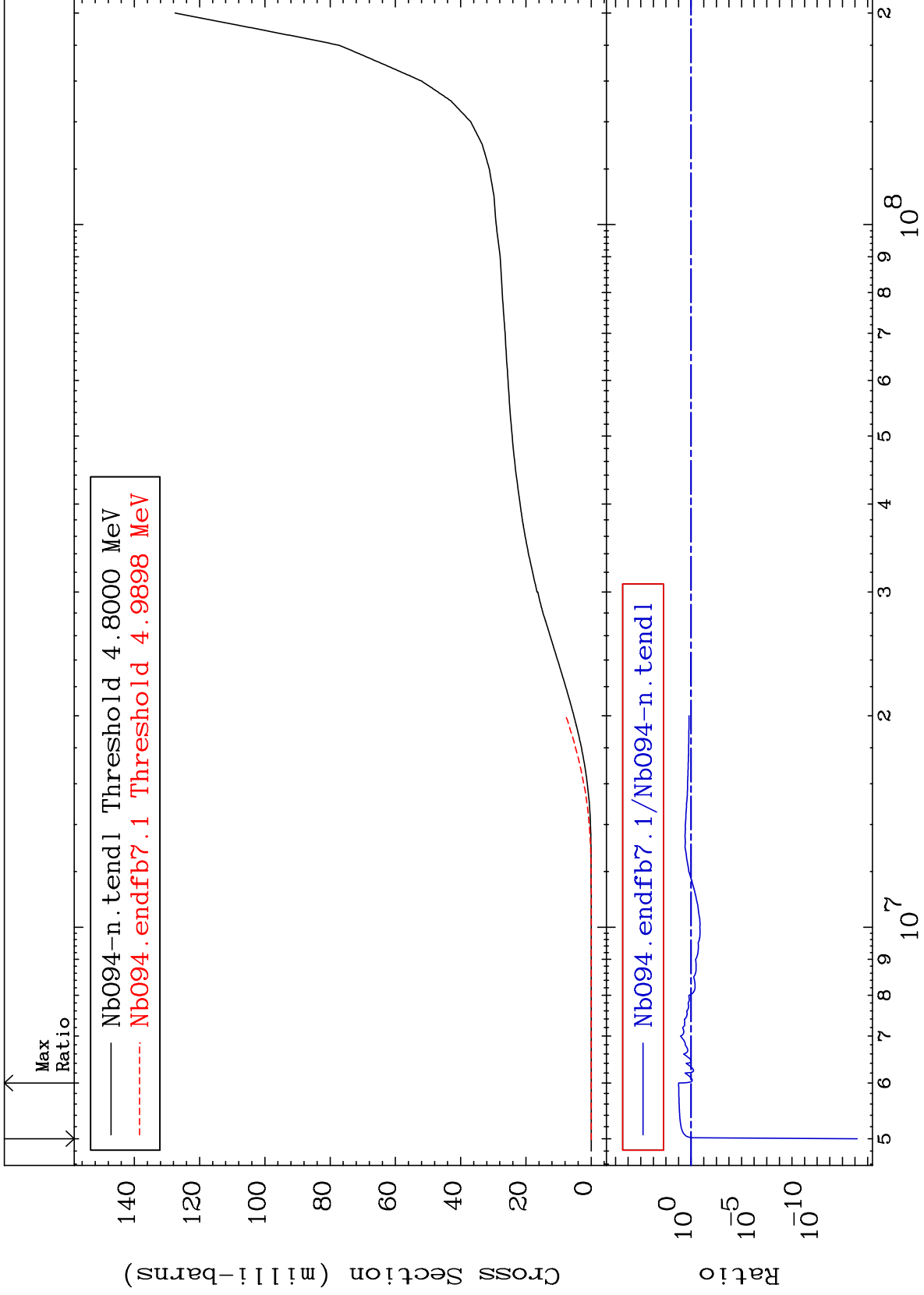




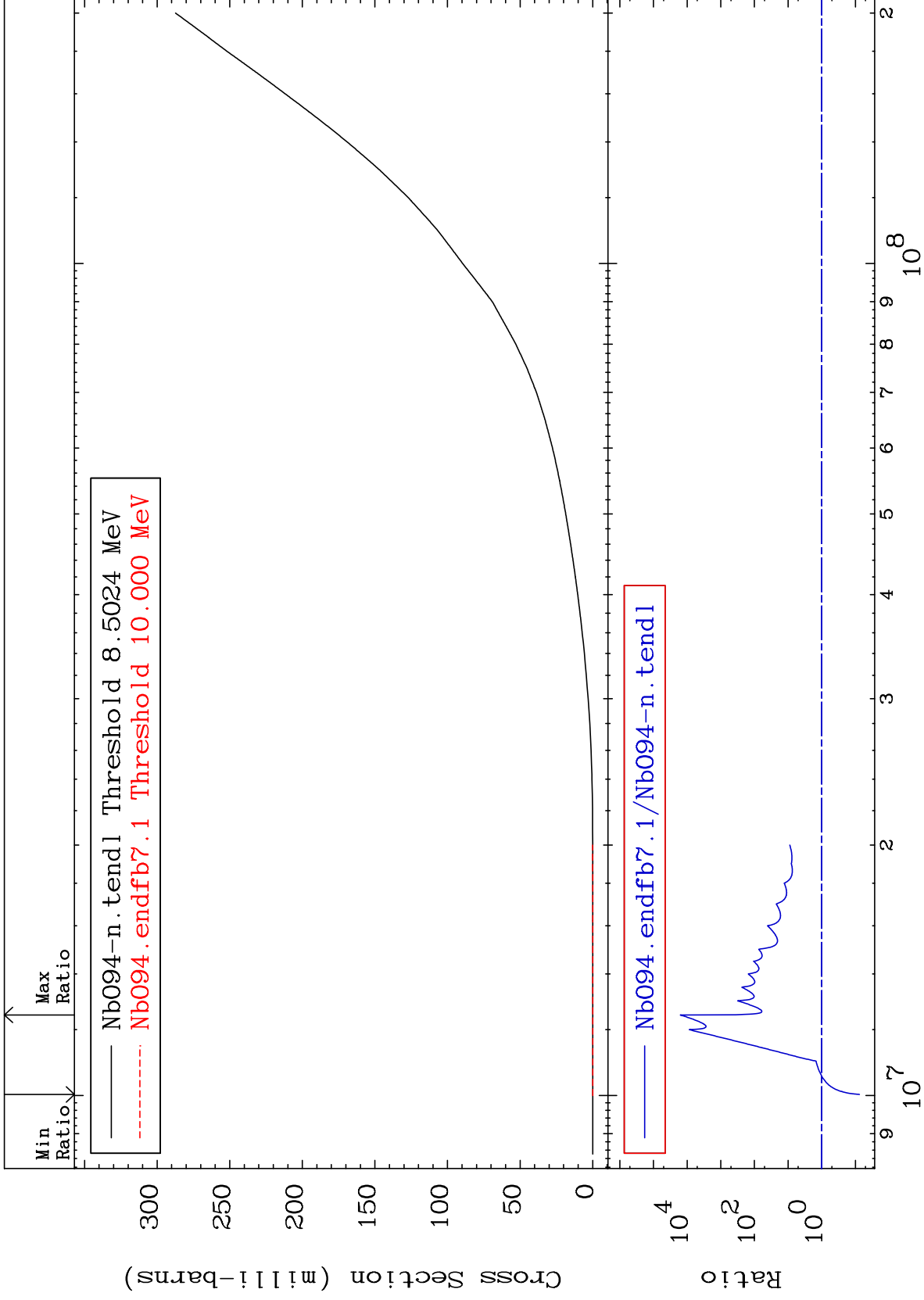
MAT 4128

Tritium Production  
Cross Section

41-Nb-94  
-100.0 To 884.4 %



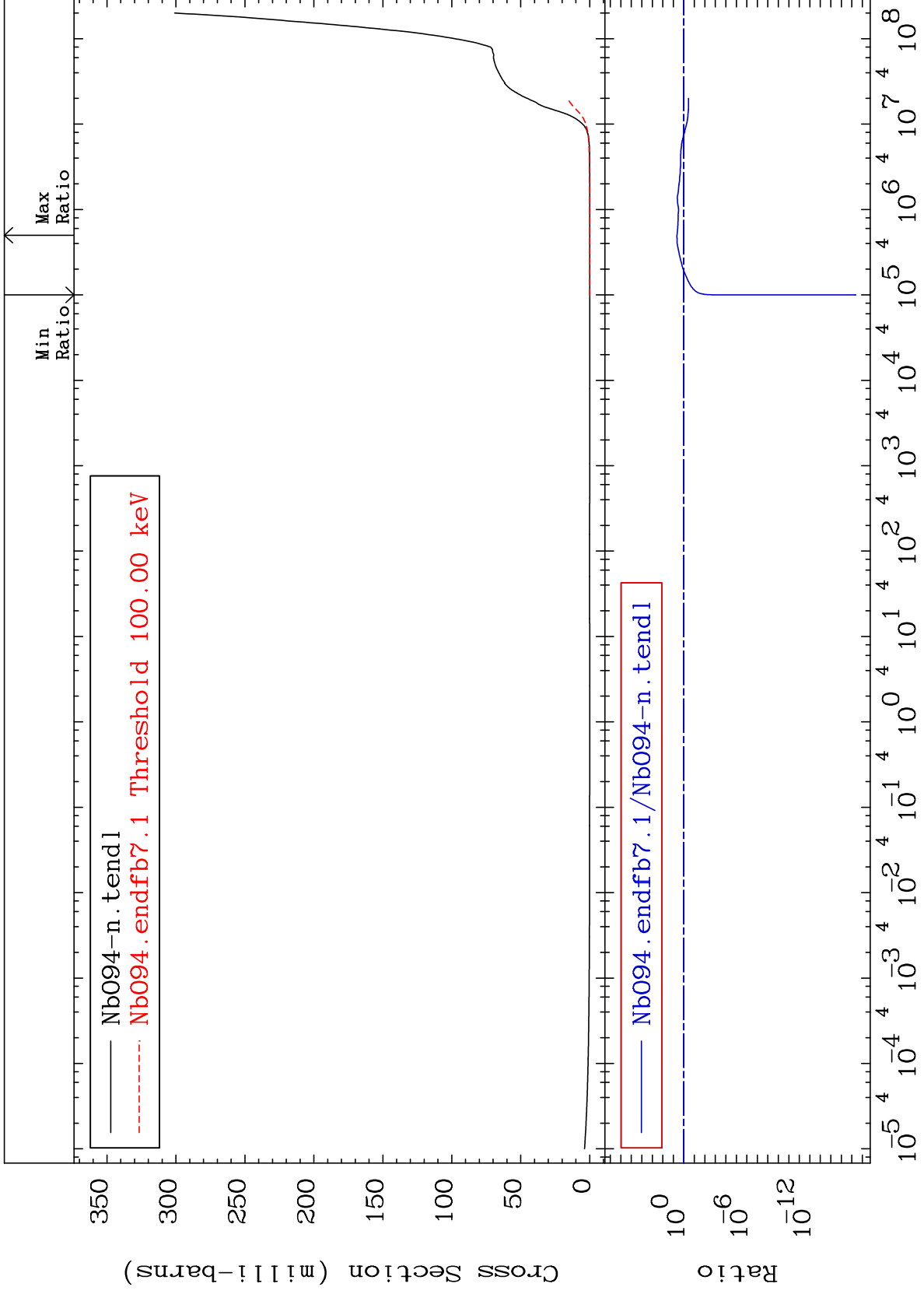




MAT 4128

### He-4 Production Cross Section

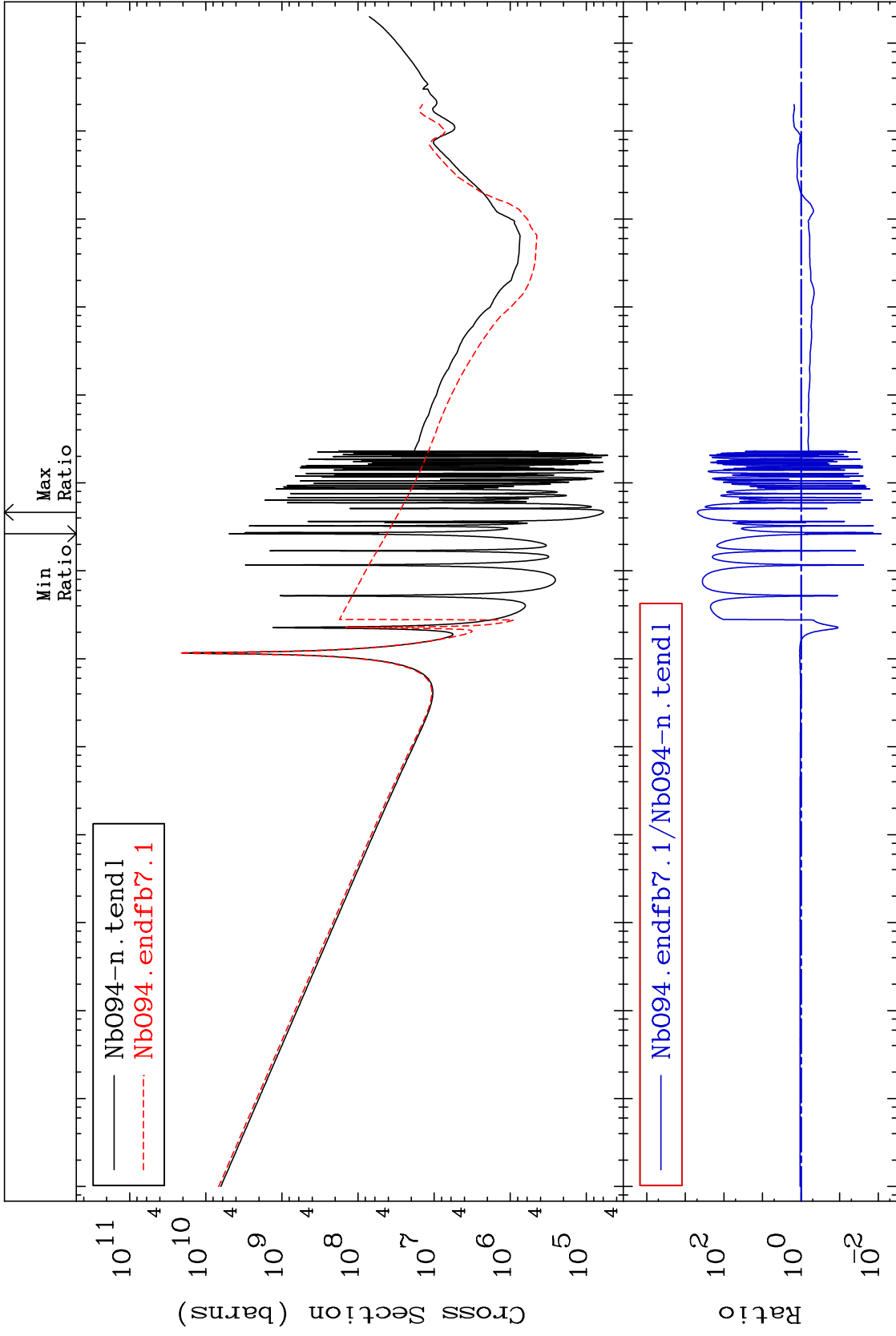
41-Nb-94  
-100.0 To 353.9 %

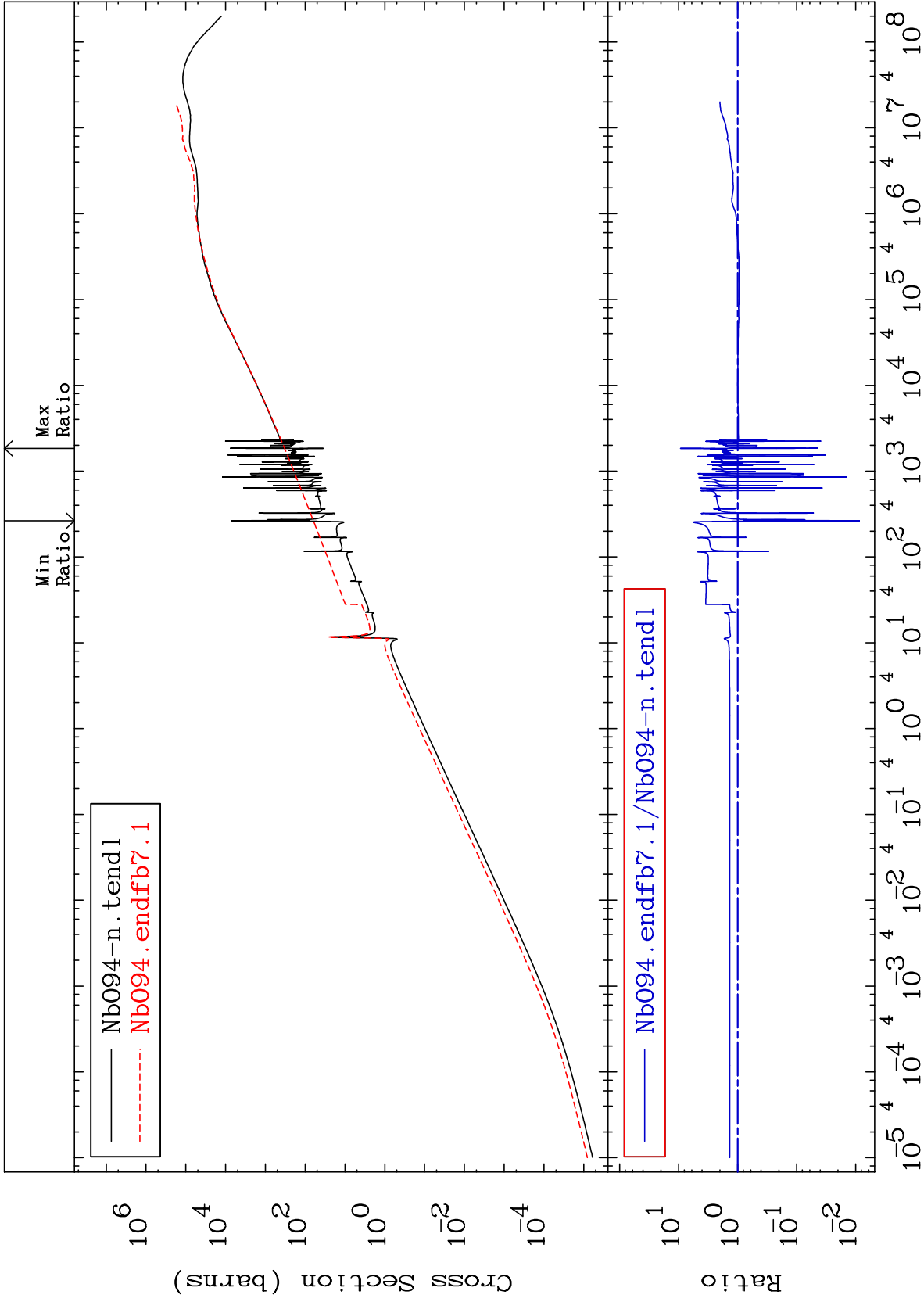


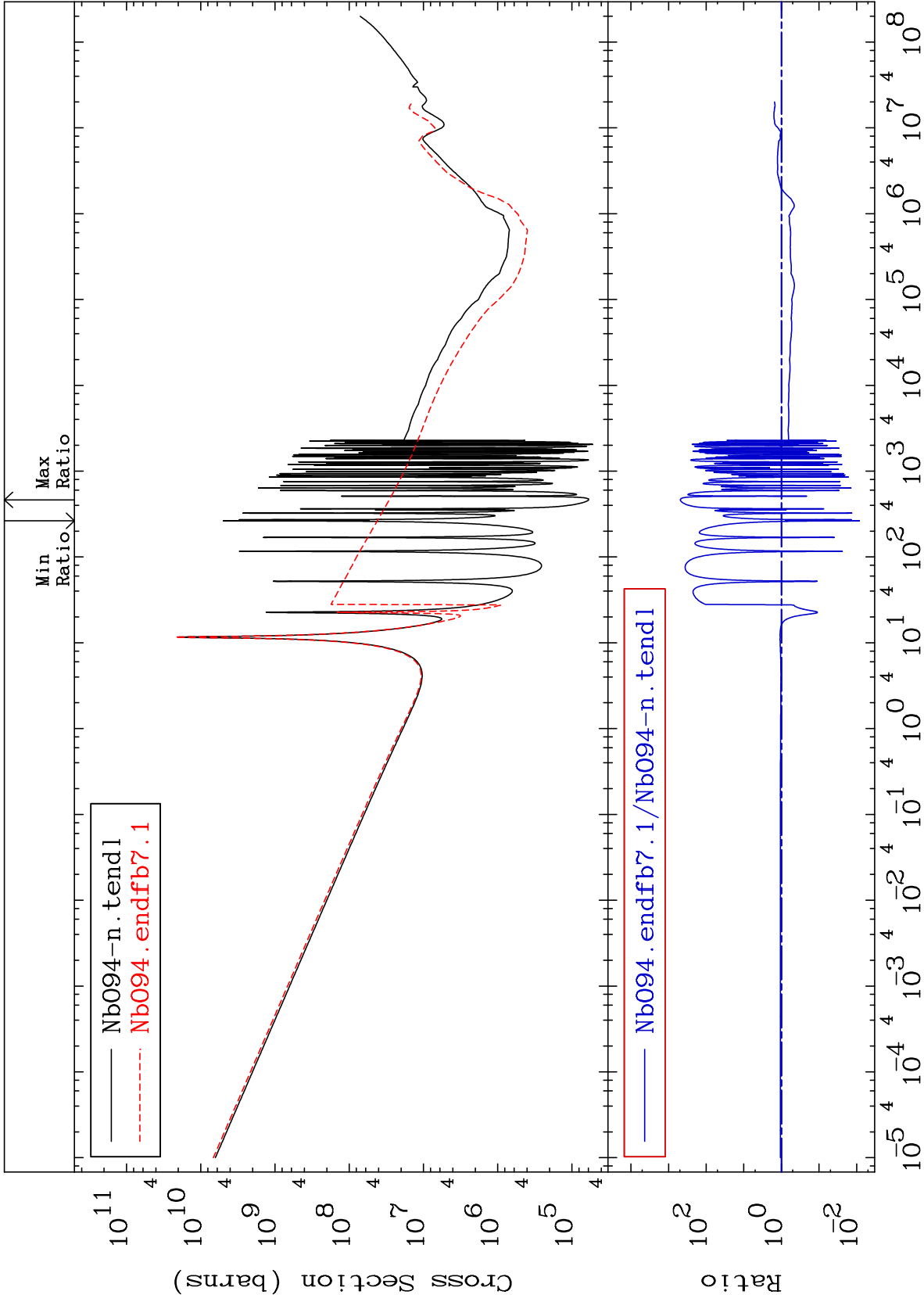
50

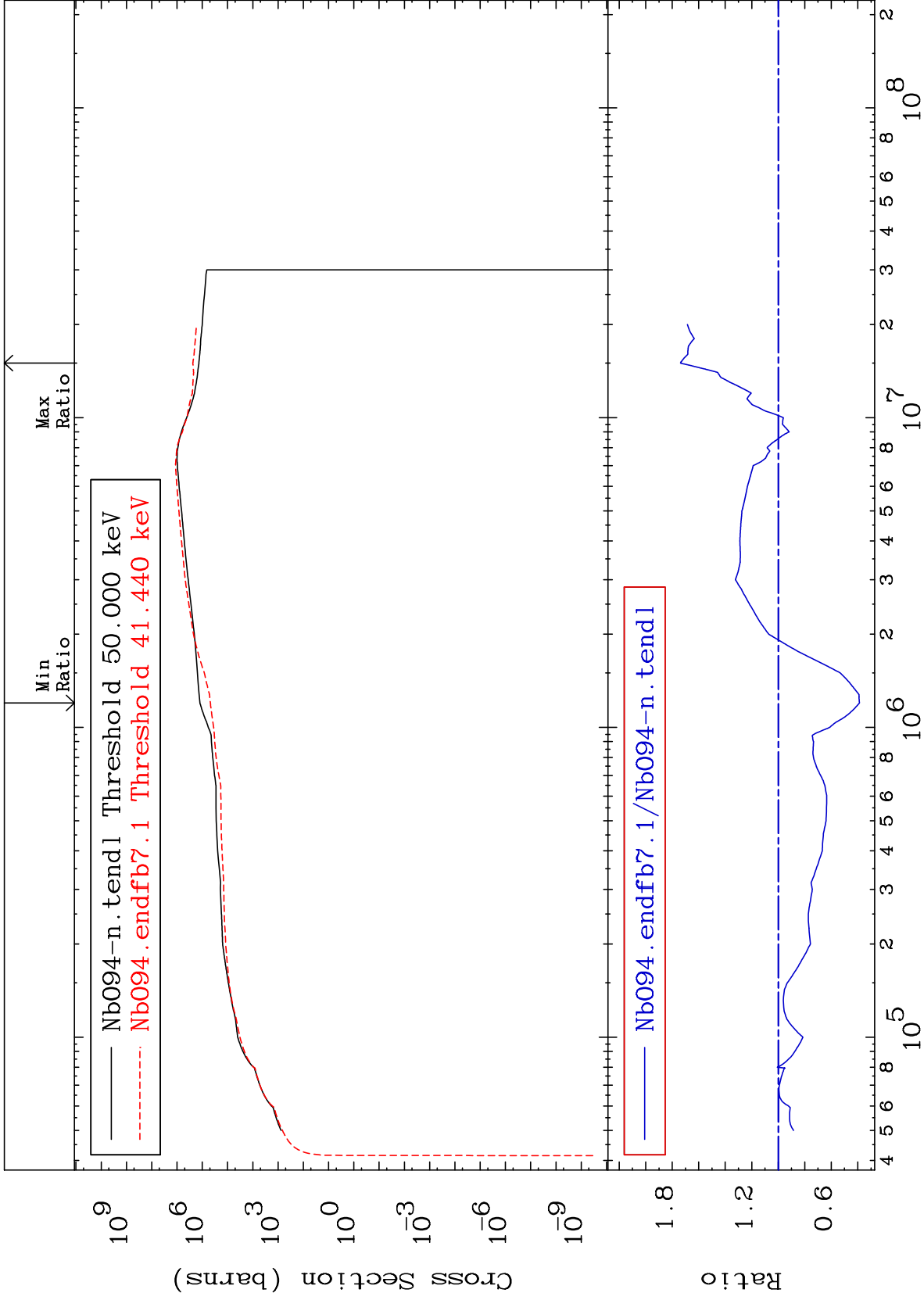
Incident Energy (eV)

41-Nb-94





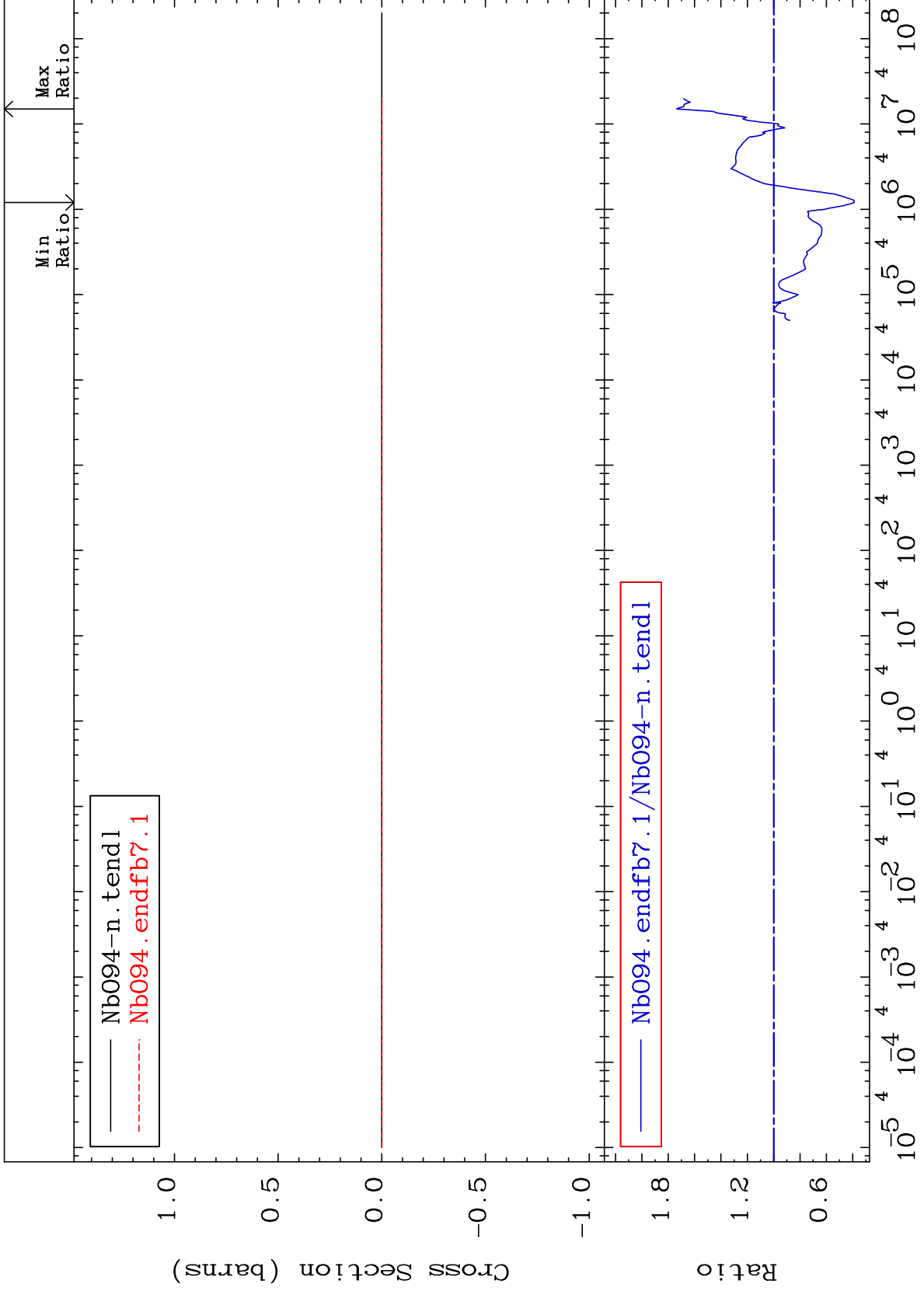


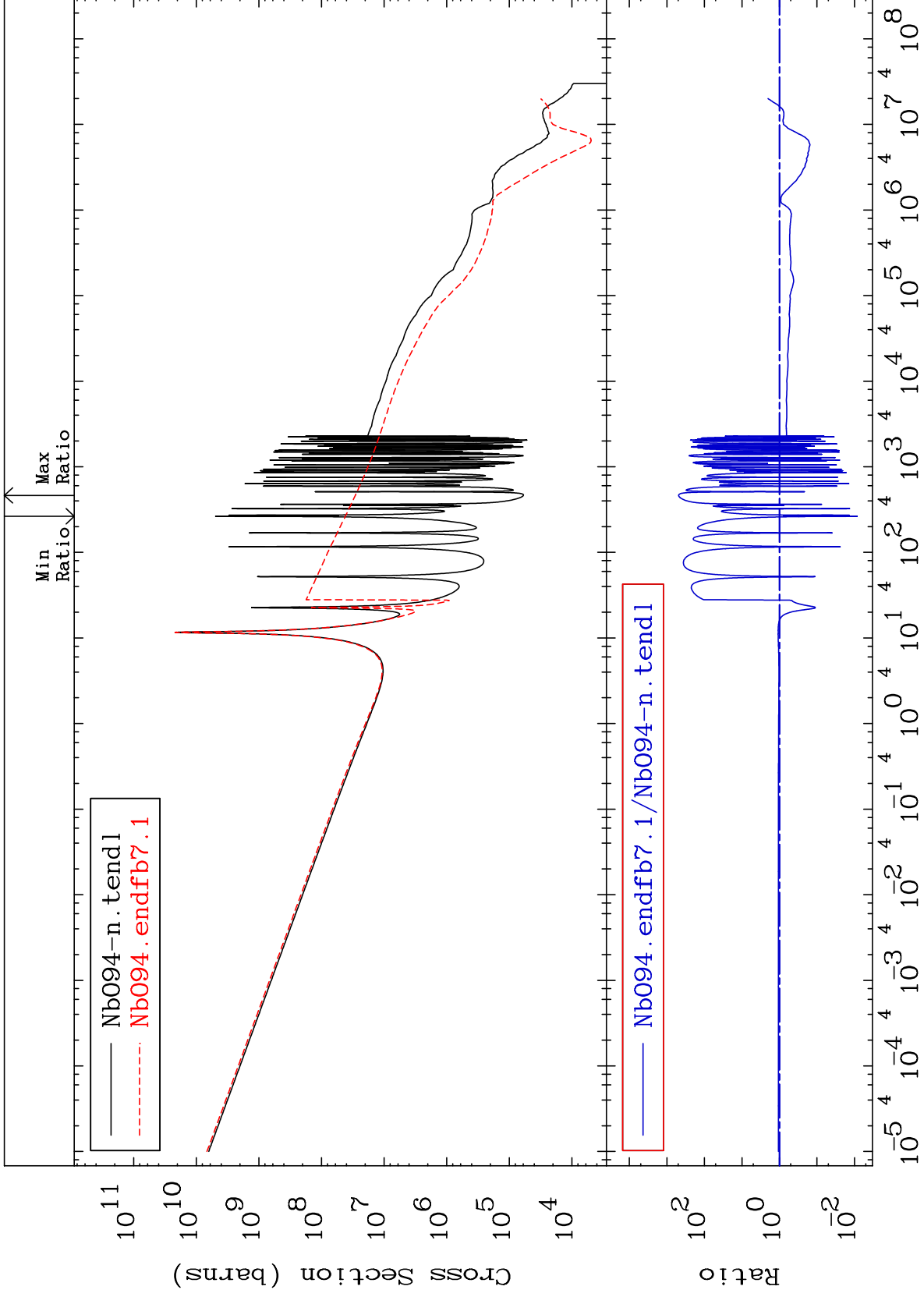


MAT 4128

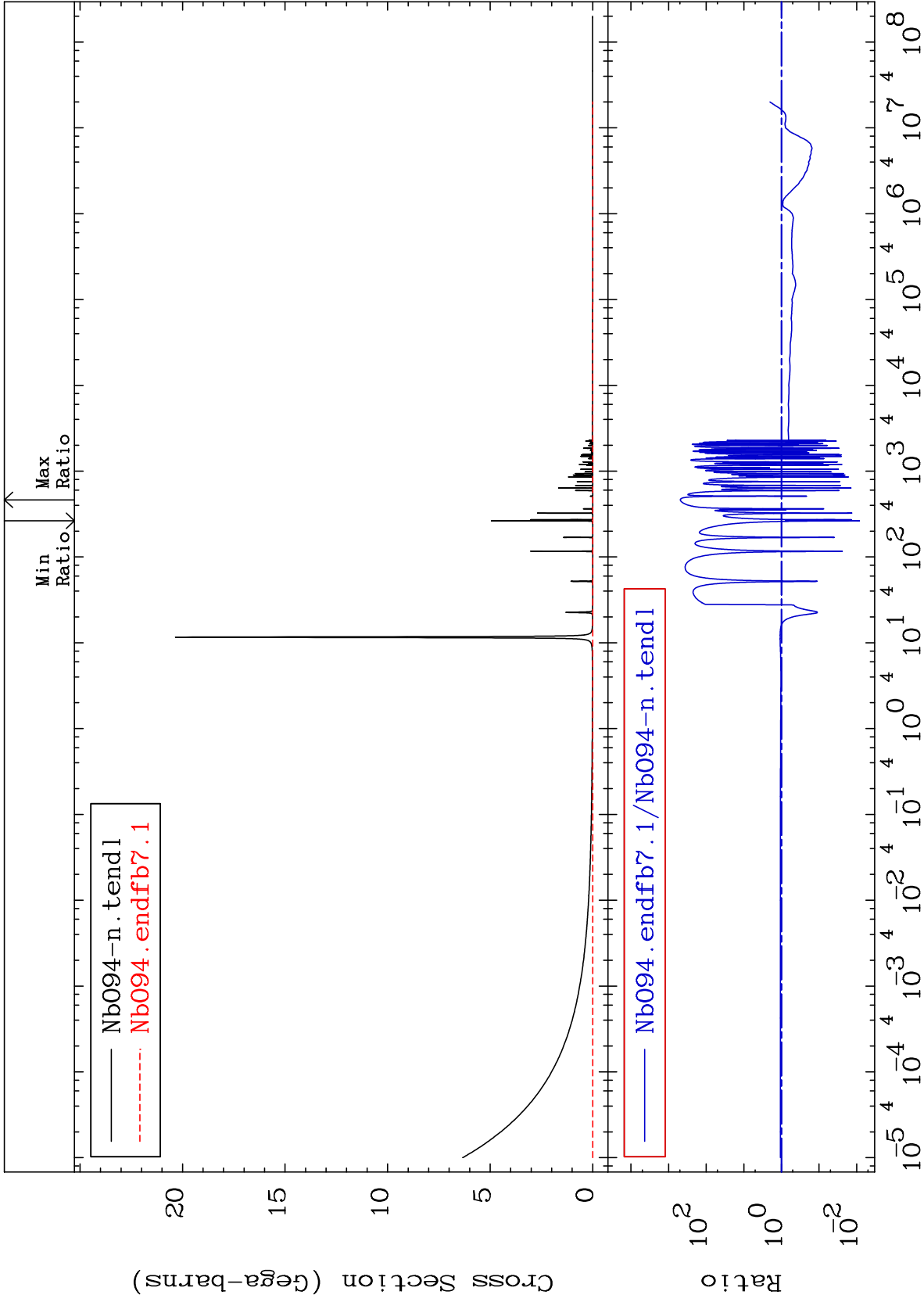
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

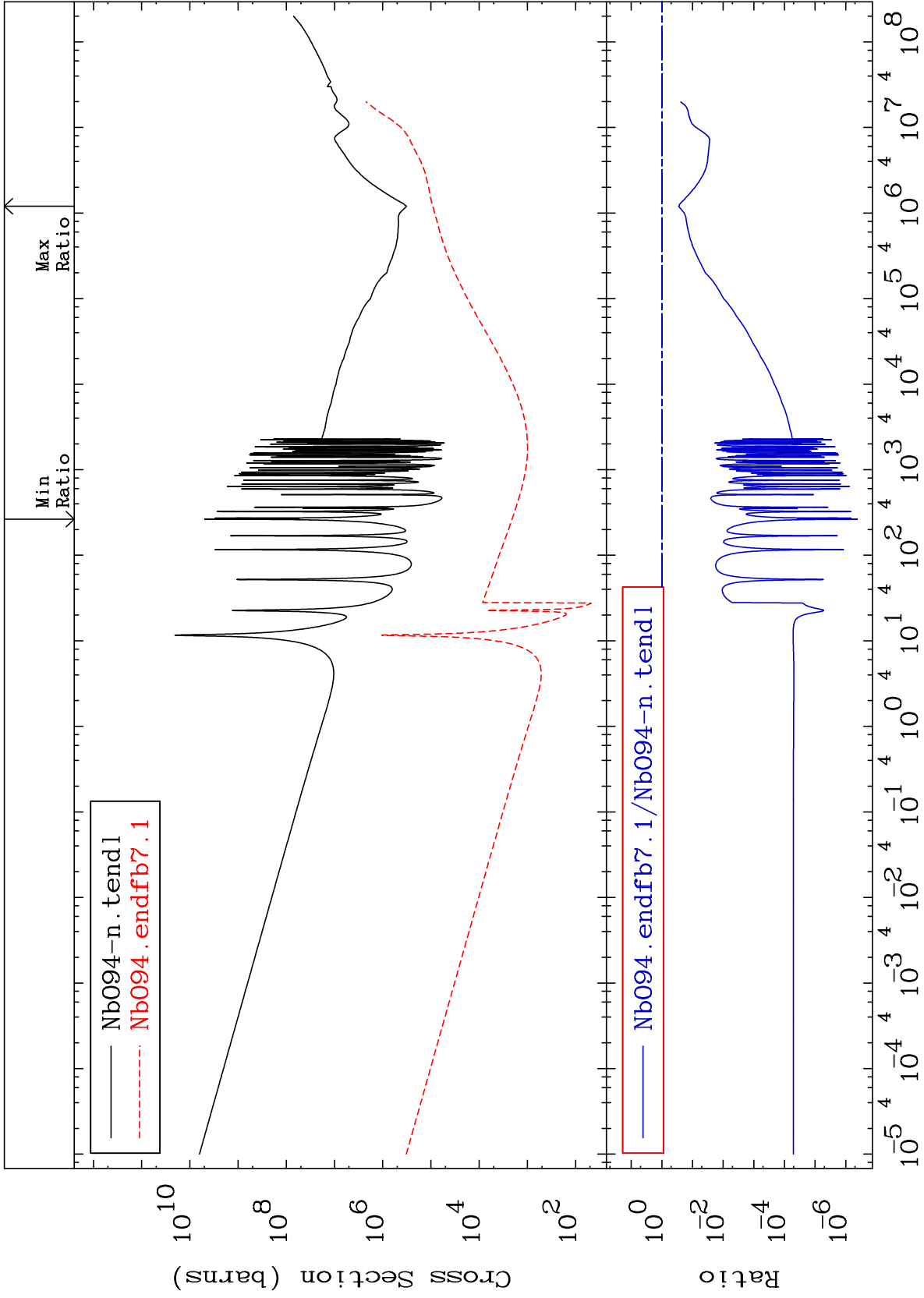
41-Nb-94  
-61.26 To 73.85 %

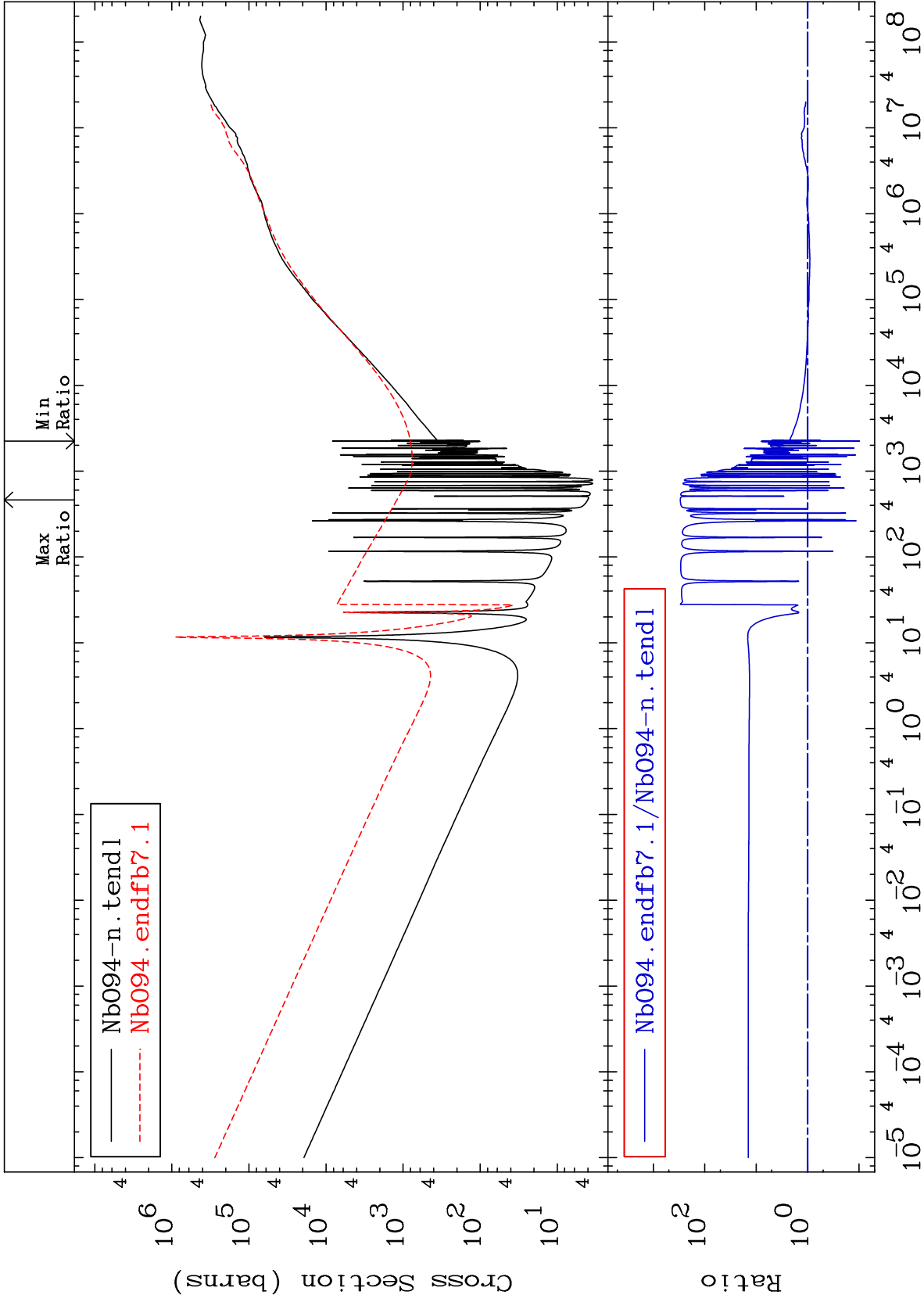








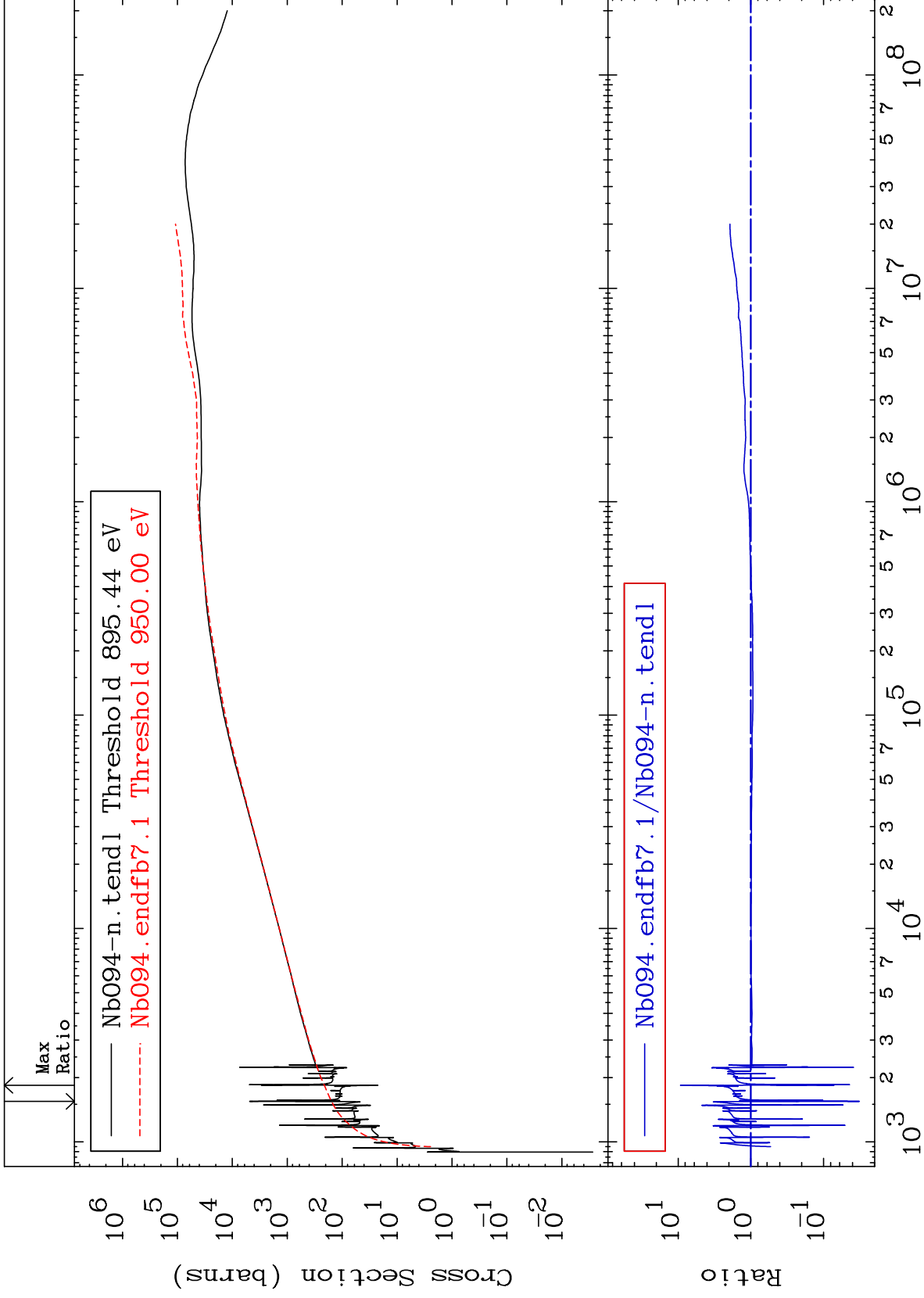




MAT 4128

Dpa elastic (mt2)  
Cross Section

41-Nb-94  
-96.79 To 832.8 %



60

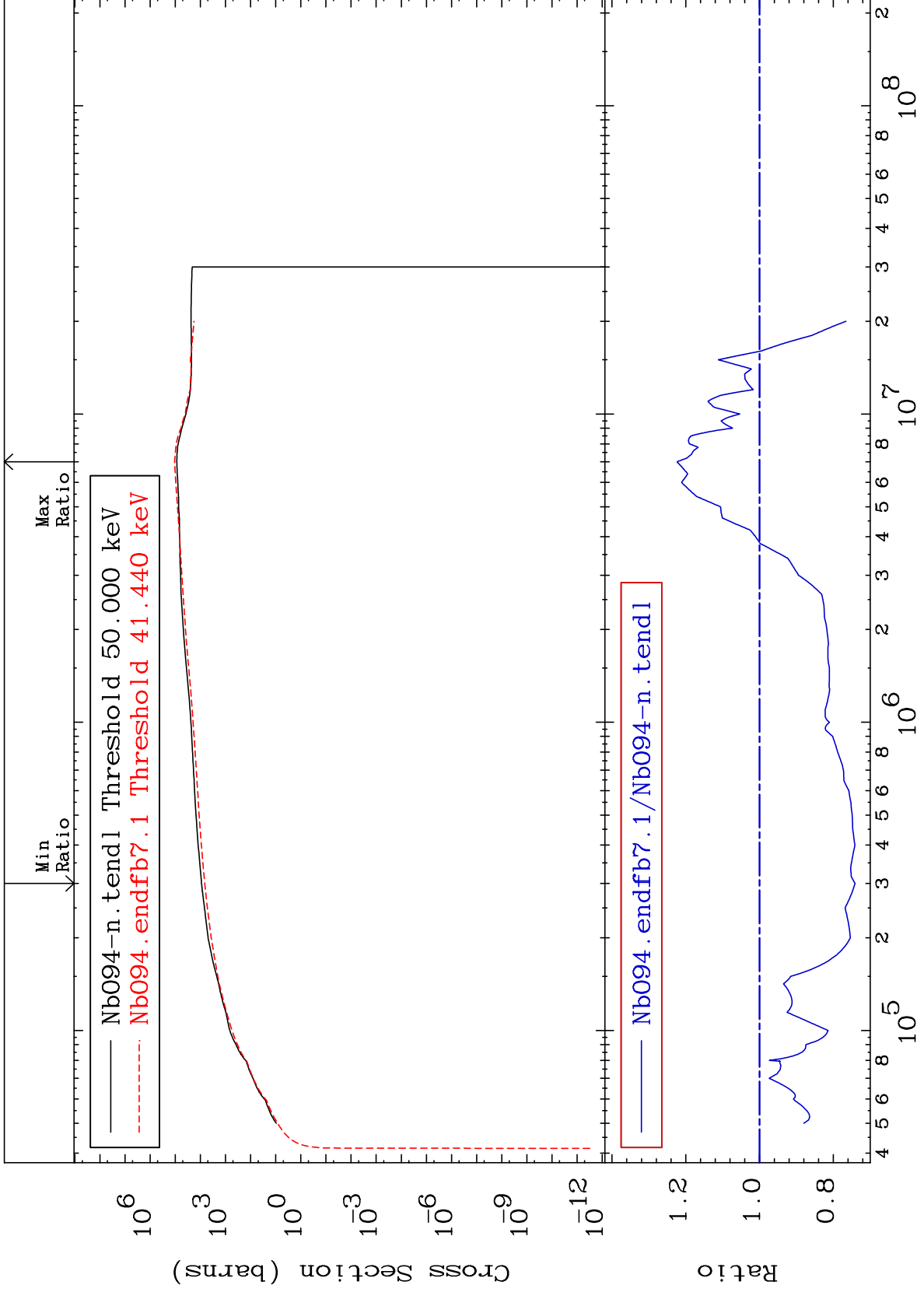
Incident Energy (eV)

41-Nb-94

MAT 4128

Dpa inelastic (mt51-91)  
Cross Section

41-Nb-94  
-25.90 To 22.40 %



61

Incident Energy (eV)

41-Nb-94

