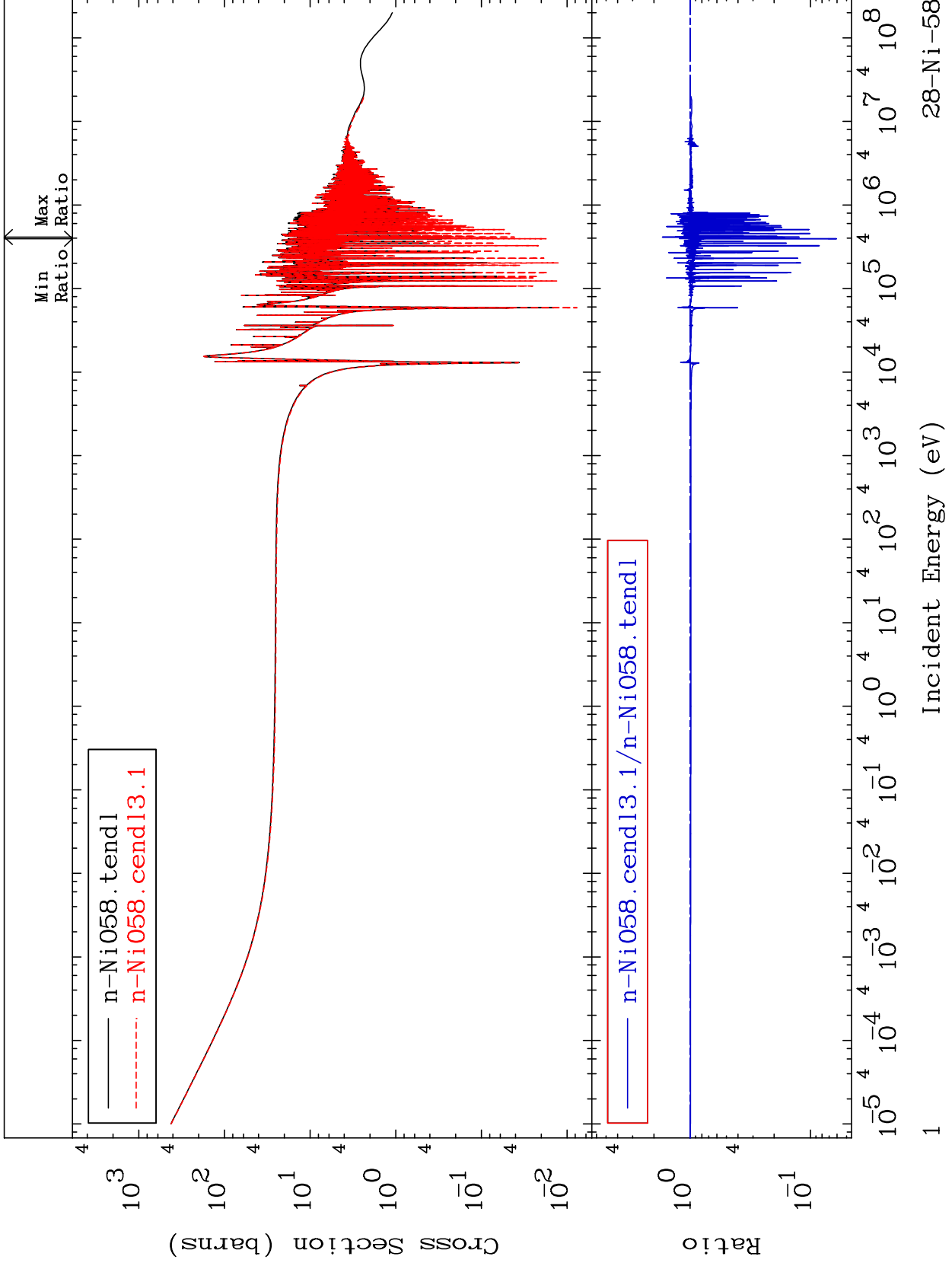


MAT 2825

Total  
Cross Section

28-Ni-58  
-93.94 To 70.28 %



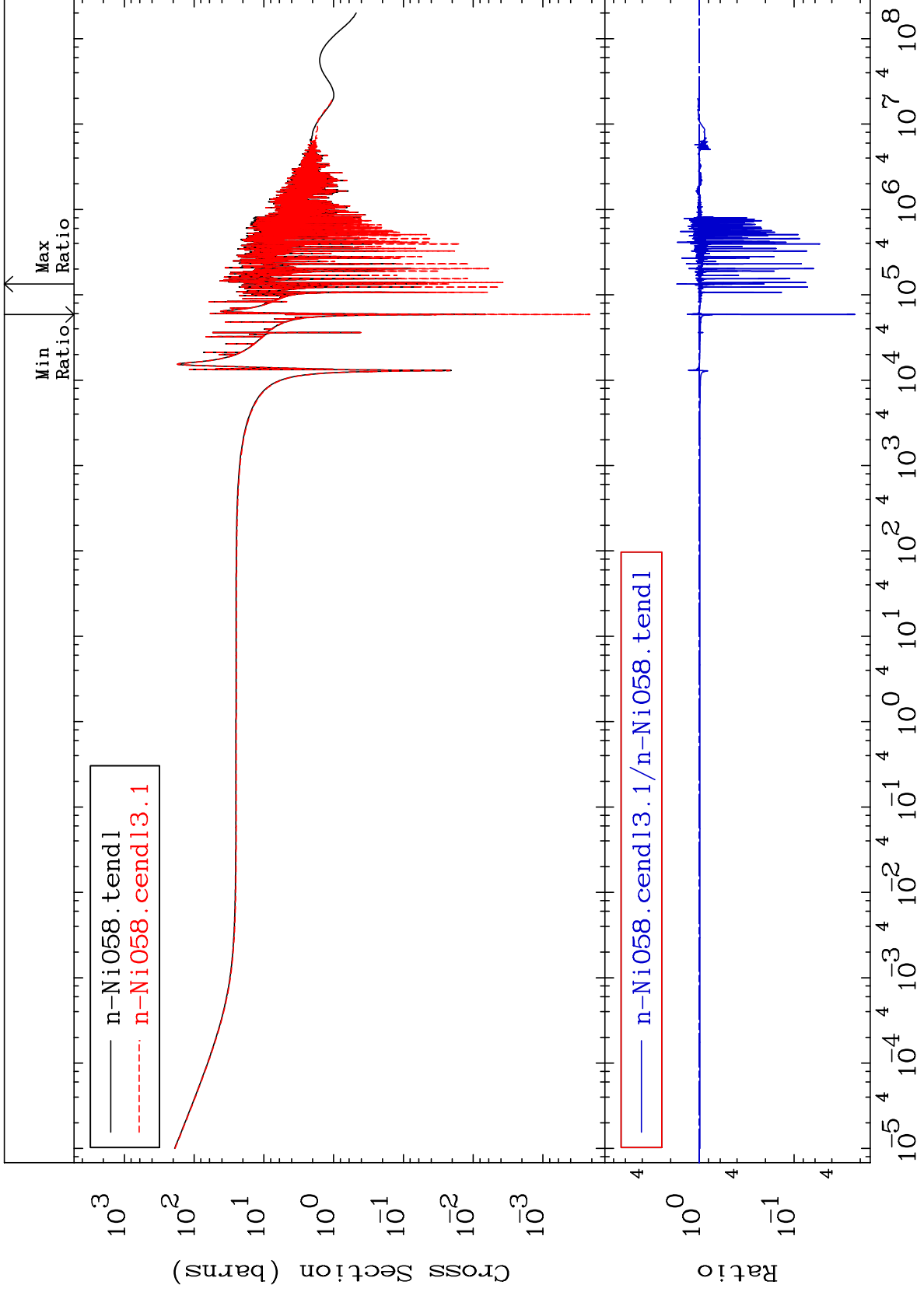
Incident Energy (eV)

28-Ni-58

MAT 2825

Elastic  
Cross Section

28-Ni-58  
-97.73 To 71.97 %



Incident Energy (eV)

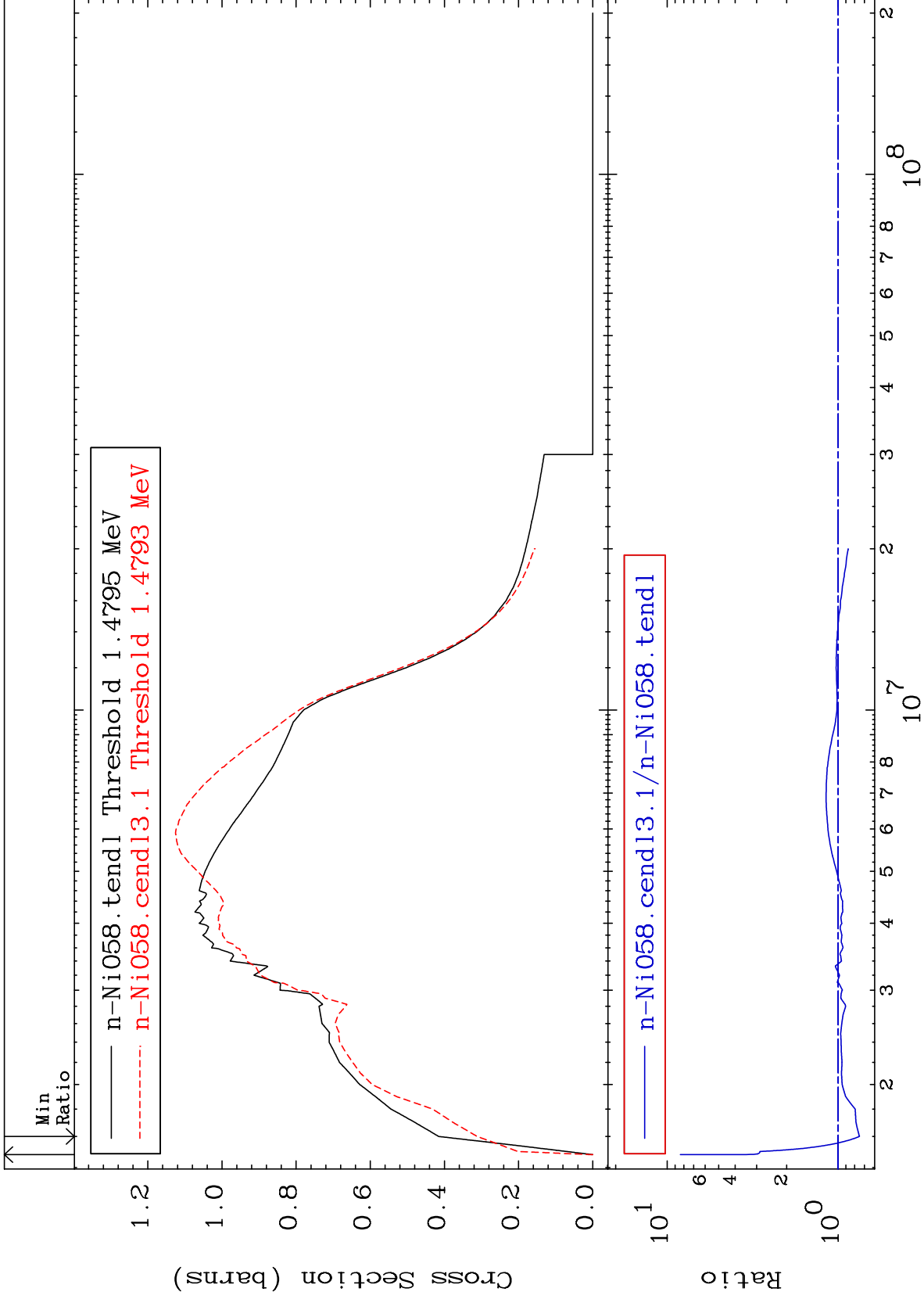
28-Ni-58

2

MAT 2825

Inelastic  
Cross Section

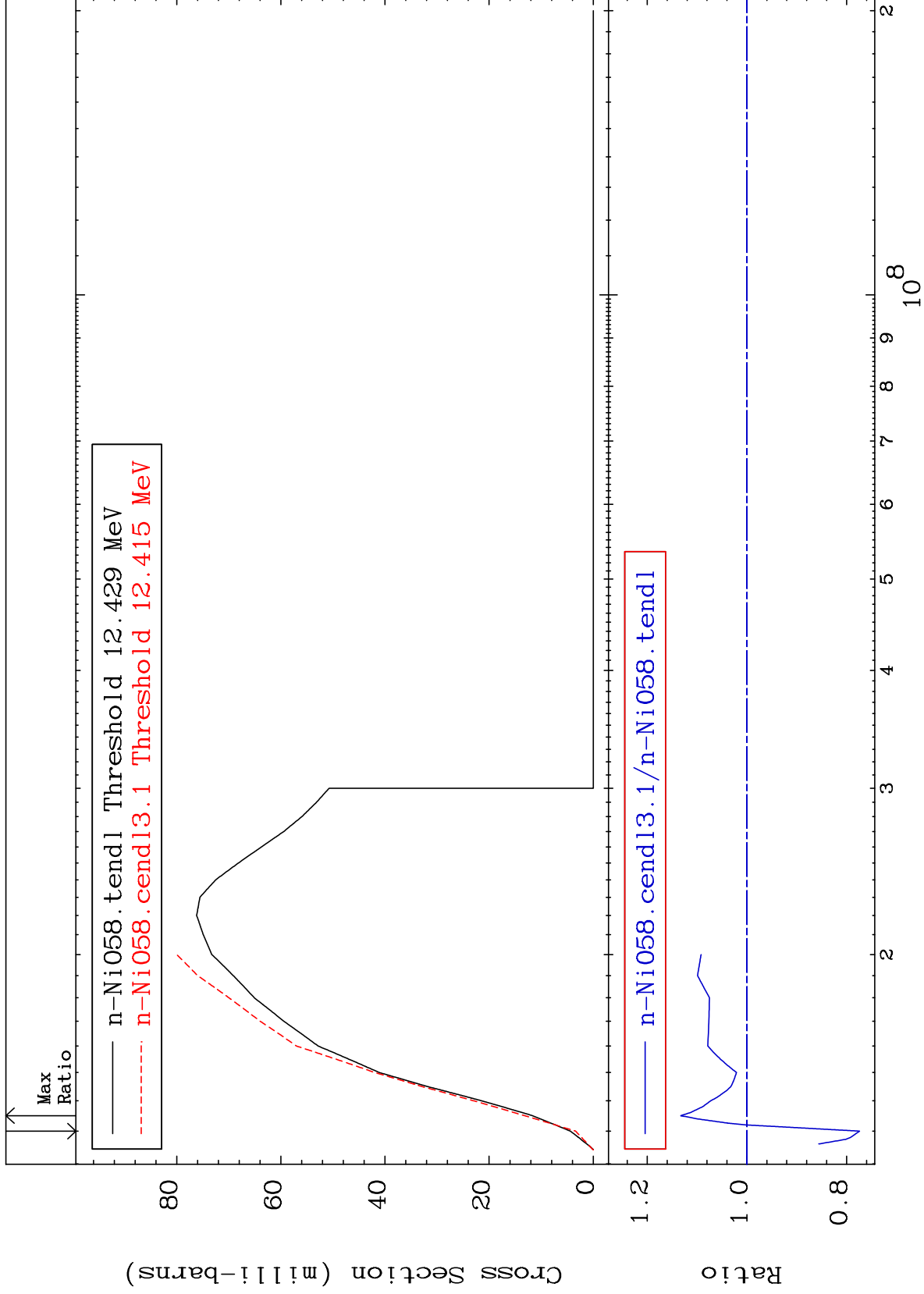
28-Ni-58  
-25.02 To 737.5 %

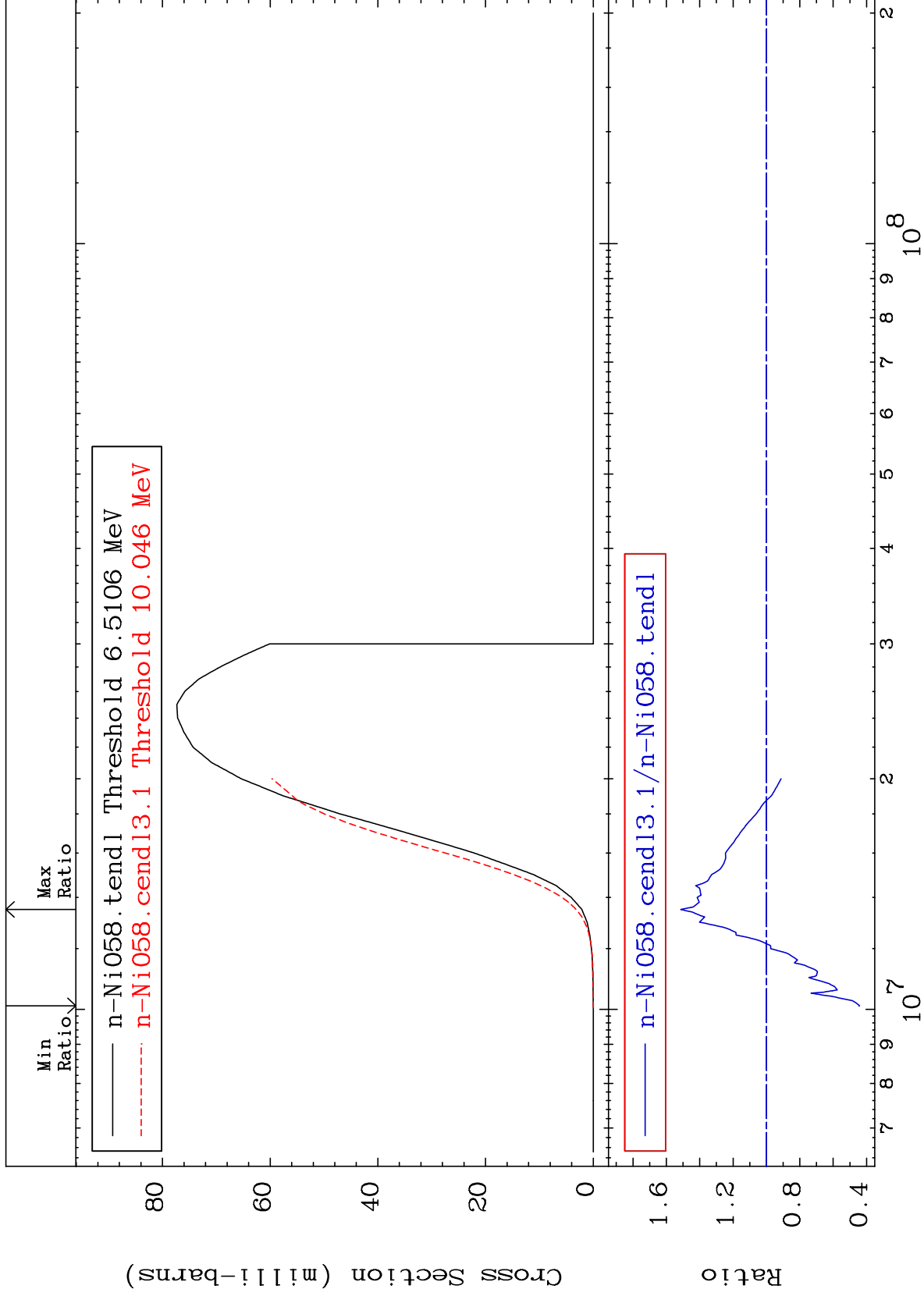


MAT 2825

(n,2n)  
Cross Section

28-Ni-58  
-22.60 To 13.27 %

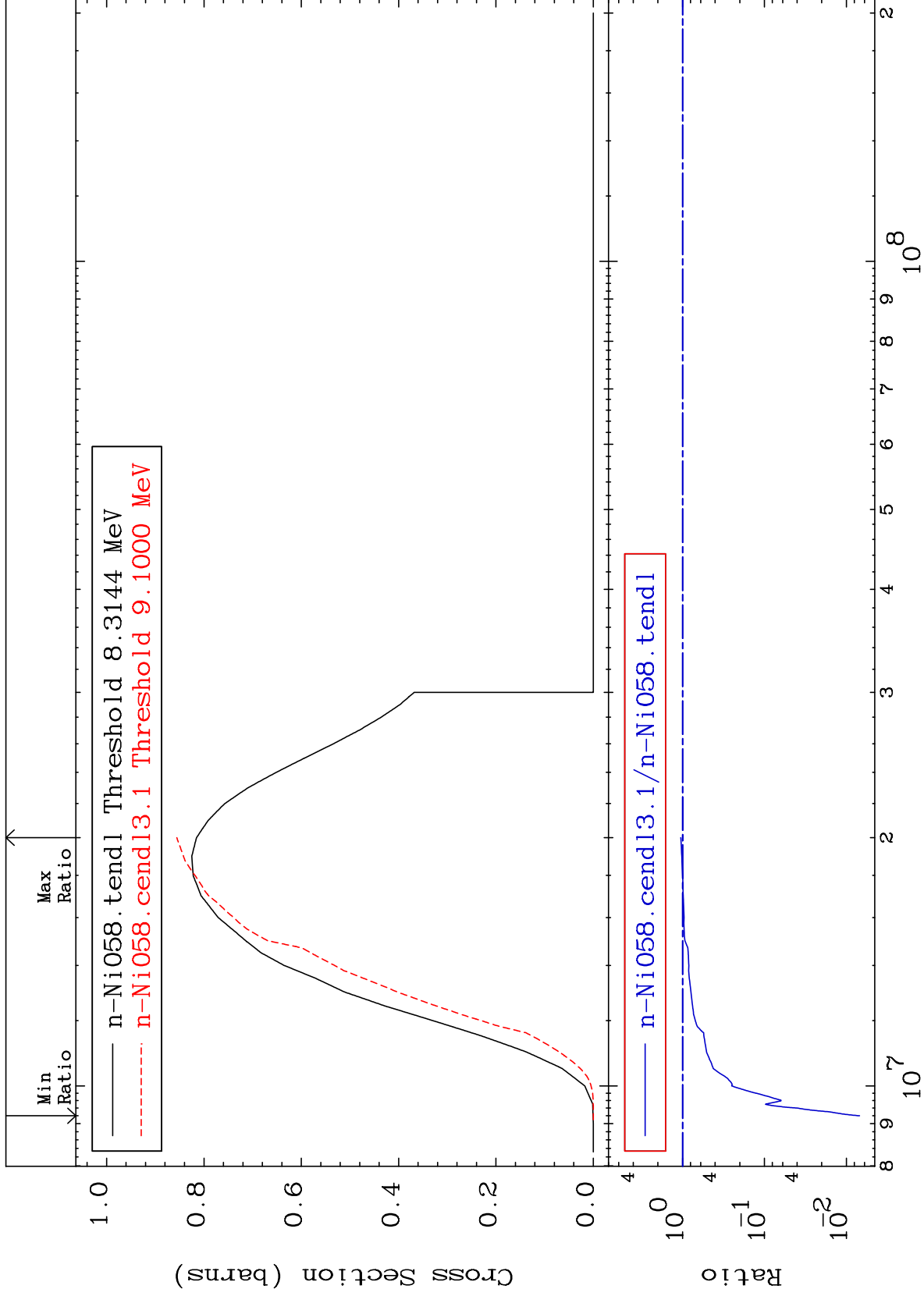




MAT 2825

(n,n') p  
Cross Section

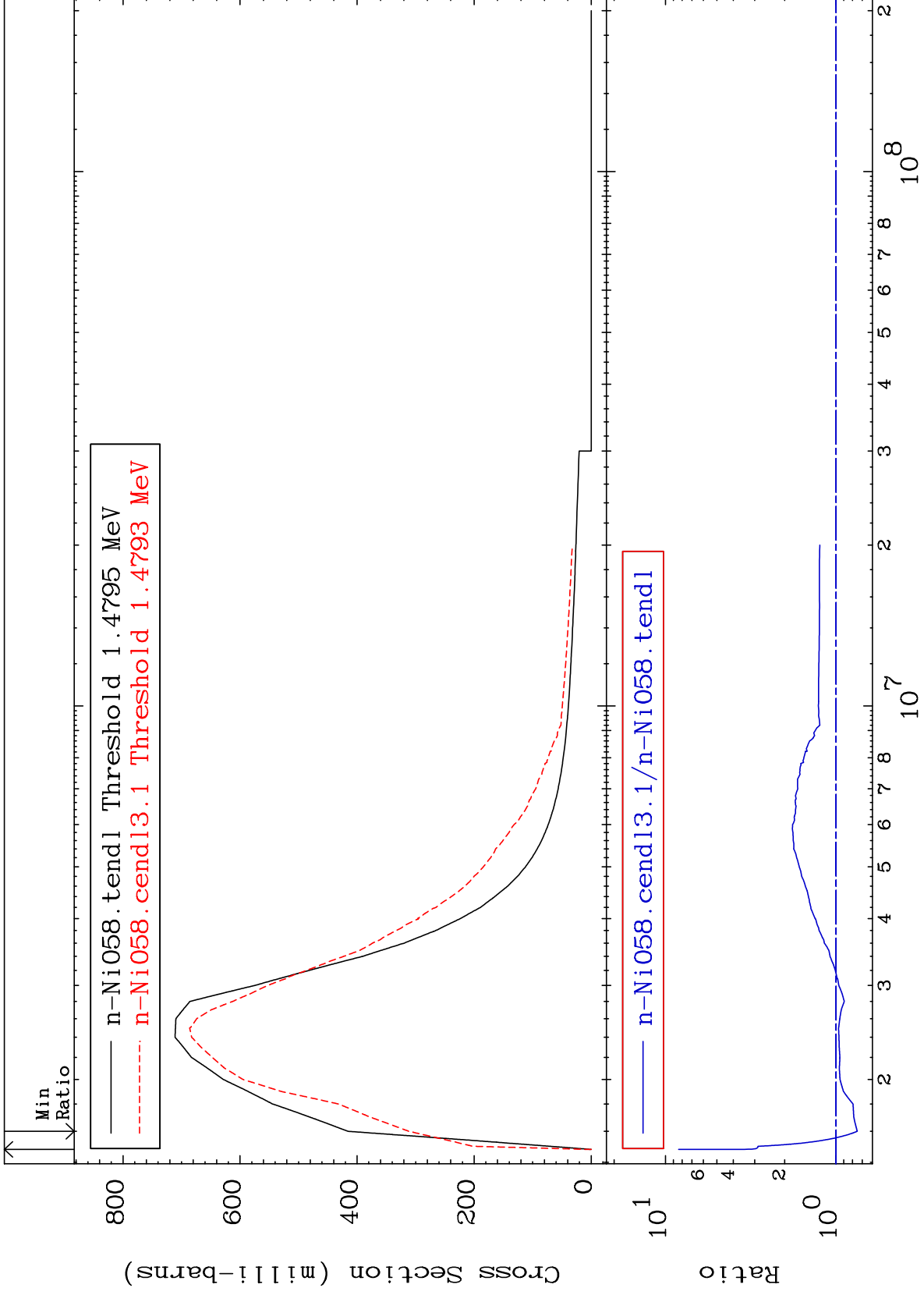
28-Ni-58  
-99.31 To 4.984 %



MAT 2825

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

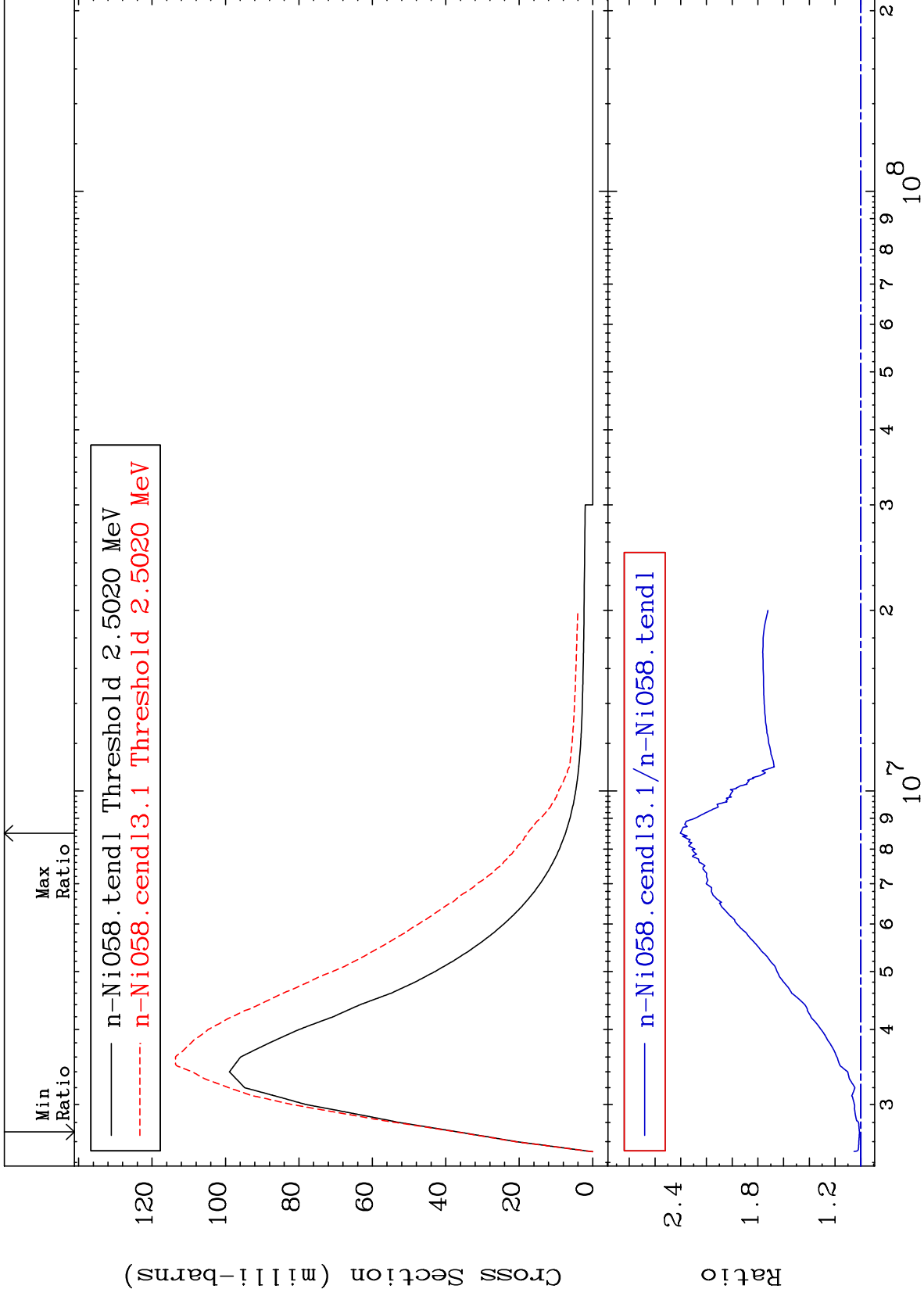
28-Ni-58  
-25.02 To 737.5 %



MAT 2825

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

28-Ni-58  
1.052 To 140.3 %

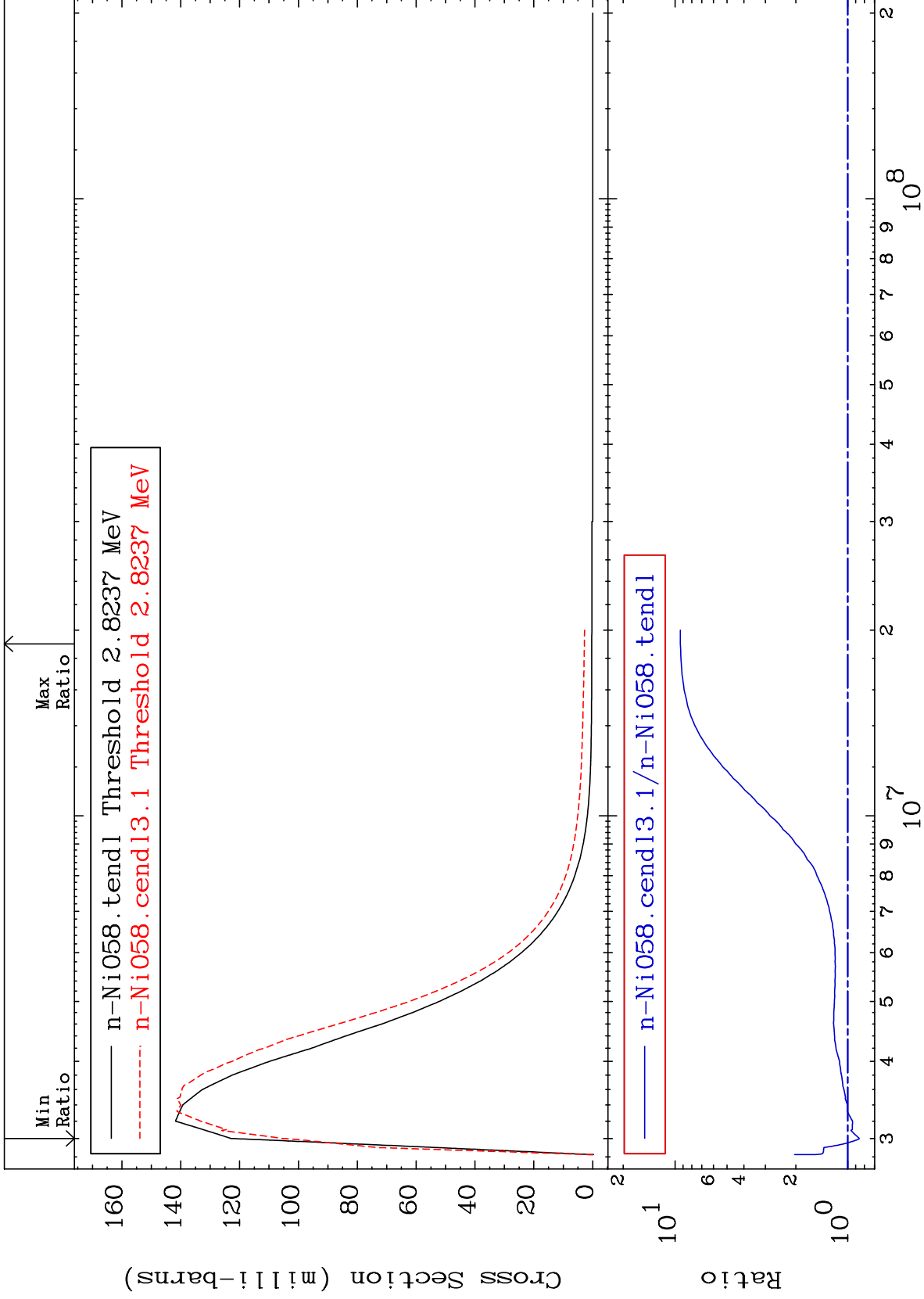




MAT 2825

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

28-Ni-58  
-14.40 To 832.5 %



9

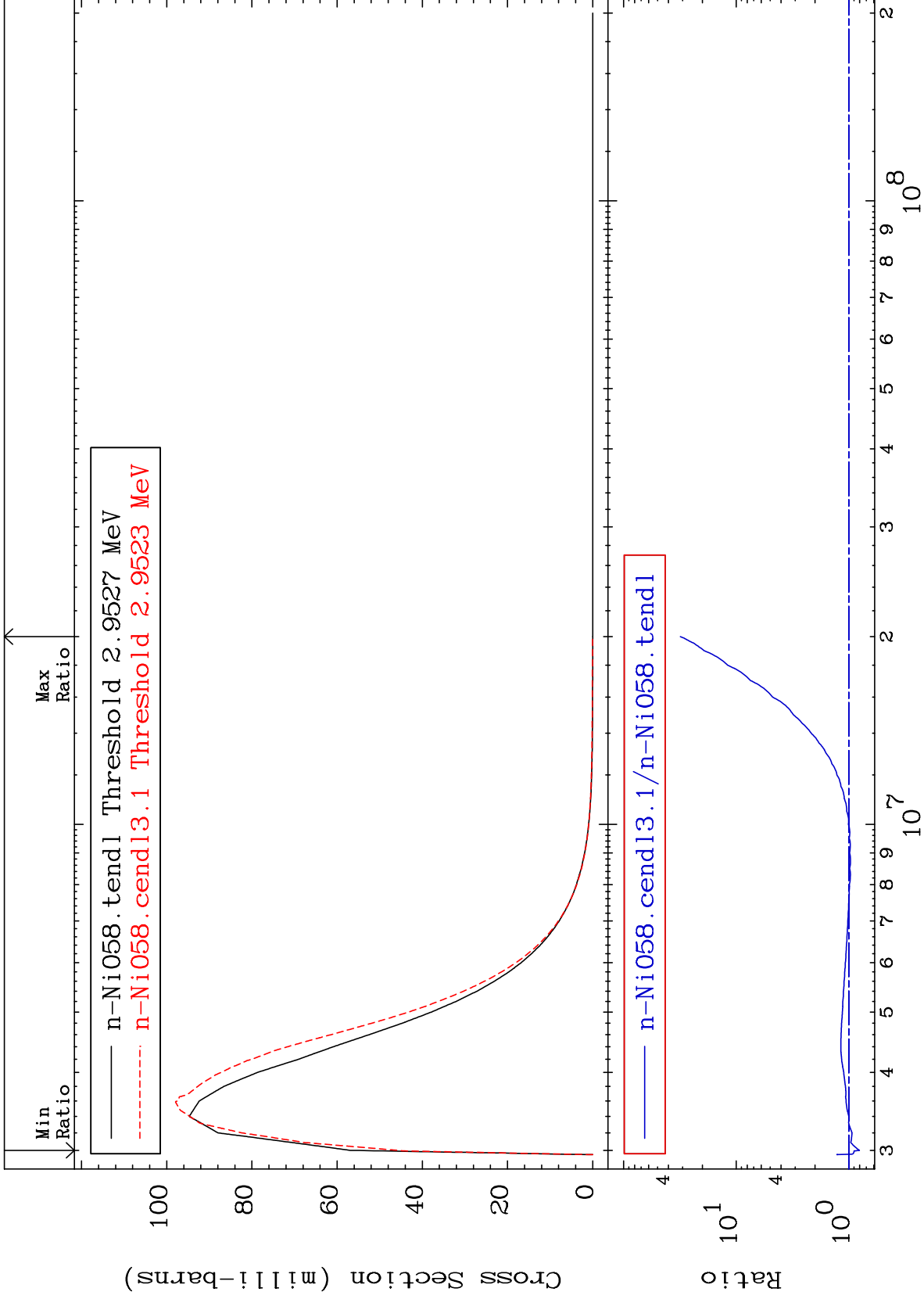
Incident Energy (eV)

28-Ni-58

MAT 2825

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

28-Ni-58  
-19.53 To 3037. %



10

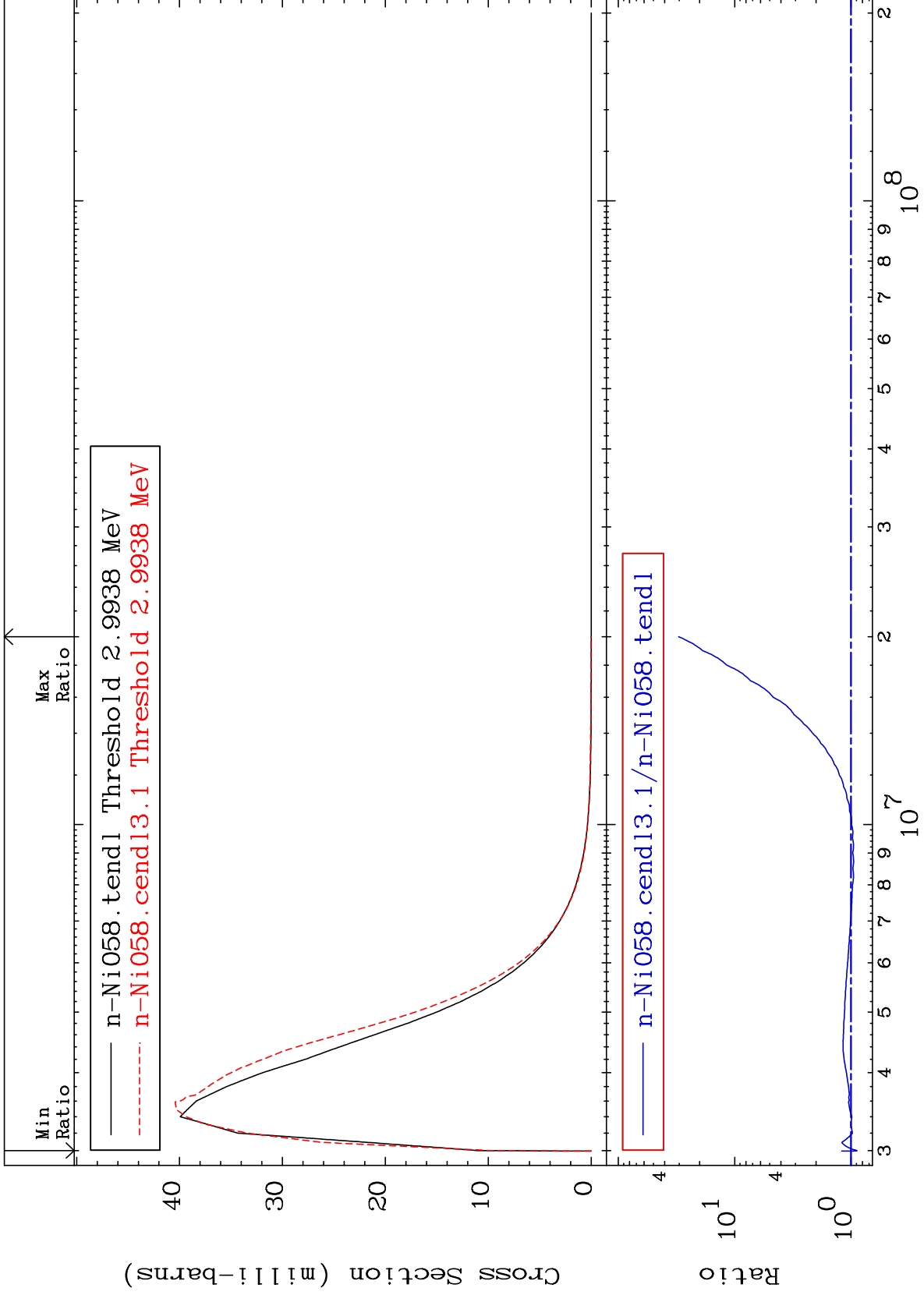
Incident Energy (eV)

28-Ni-58

MAT 2825

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

28-Ni-58  
-11.52 To 2931. %



11

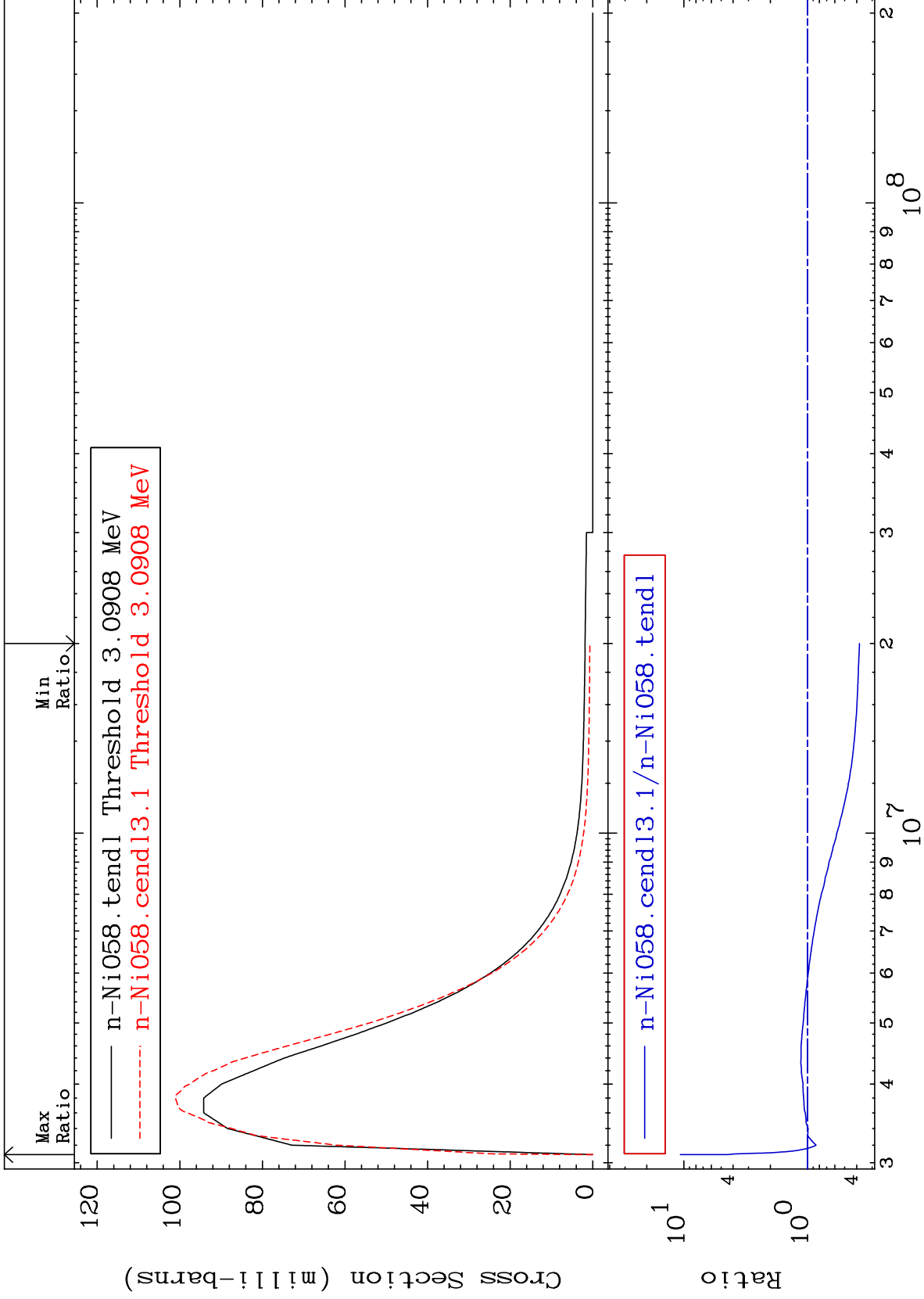
Incident Energy (eV)

28-Ni-58

MAT 2825

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

28-Ni-58  
-62.01 To 968.7 %



12

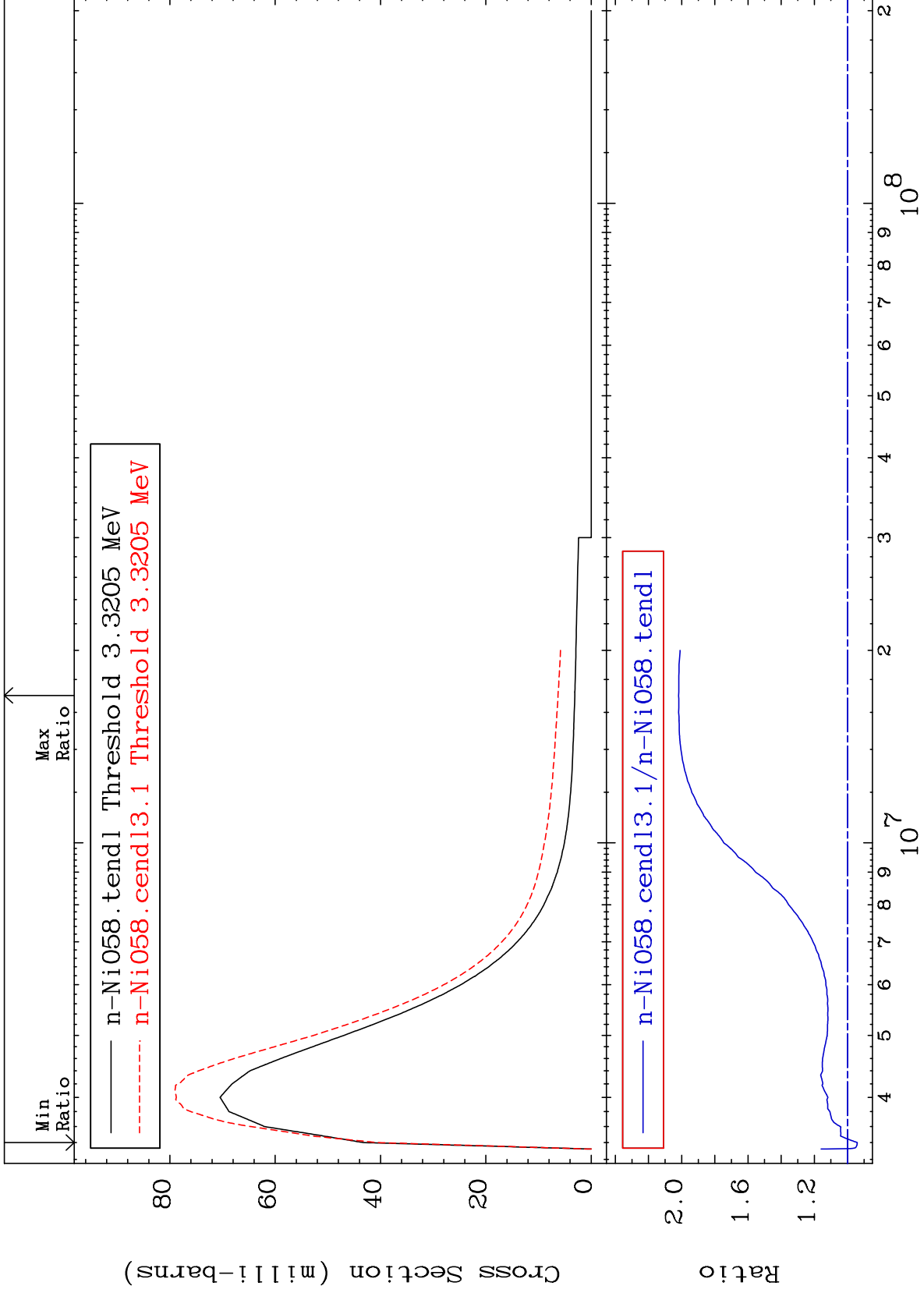
Incident Energy (eV)

28-Ni-58

MAT 2825

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

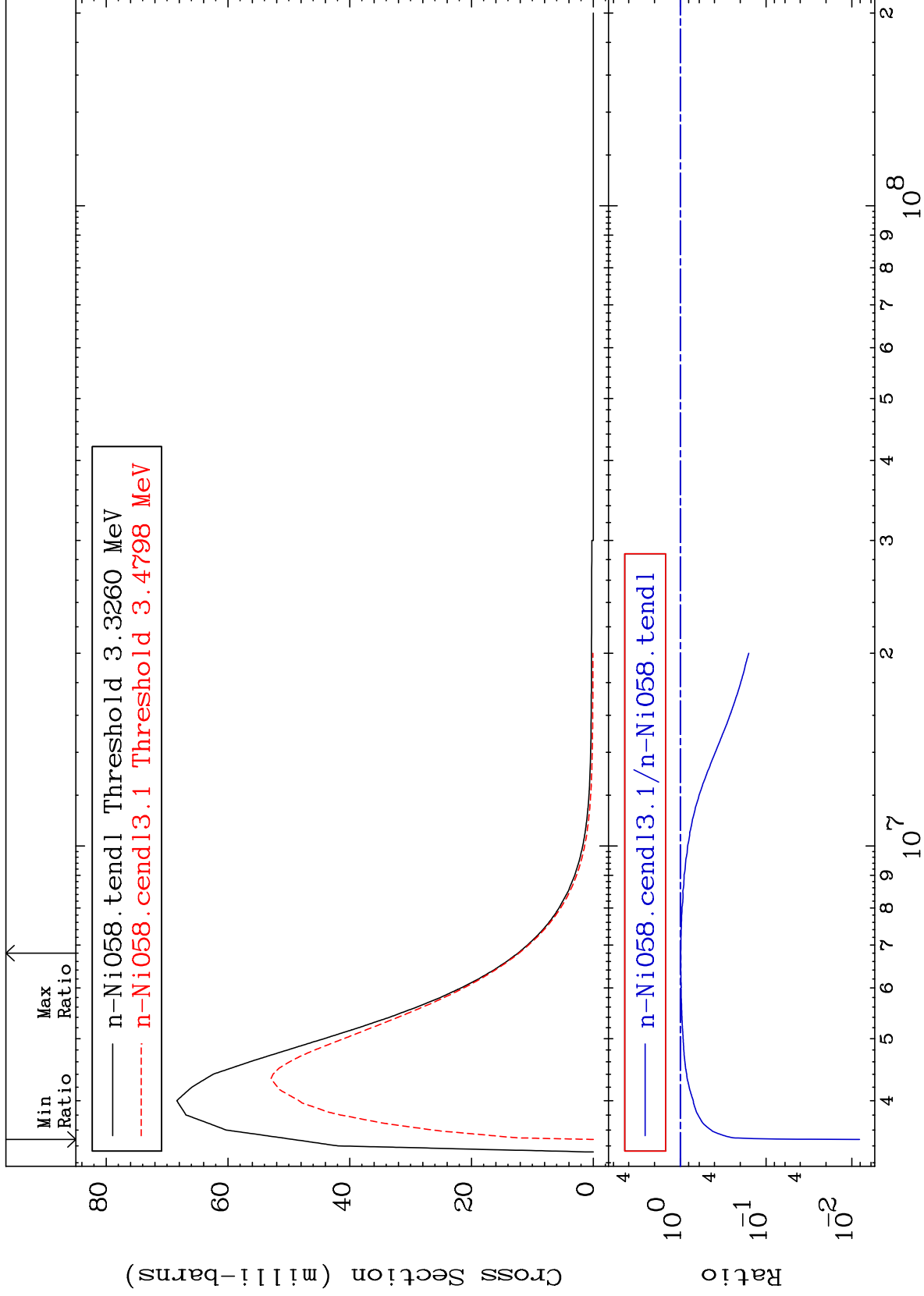
28-Ni-58  
-5.900 To 101.8 %



MAT 2825

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

28-Ni-58  
-99.19 To -1.325%



14

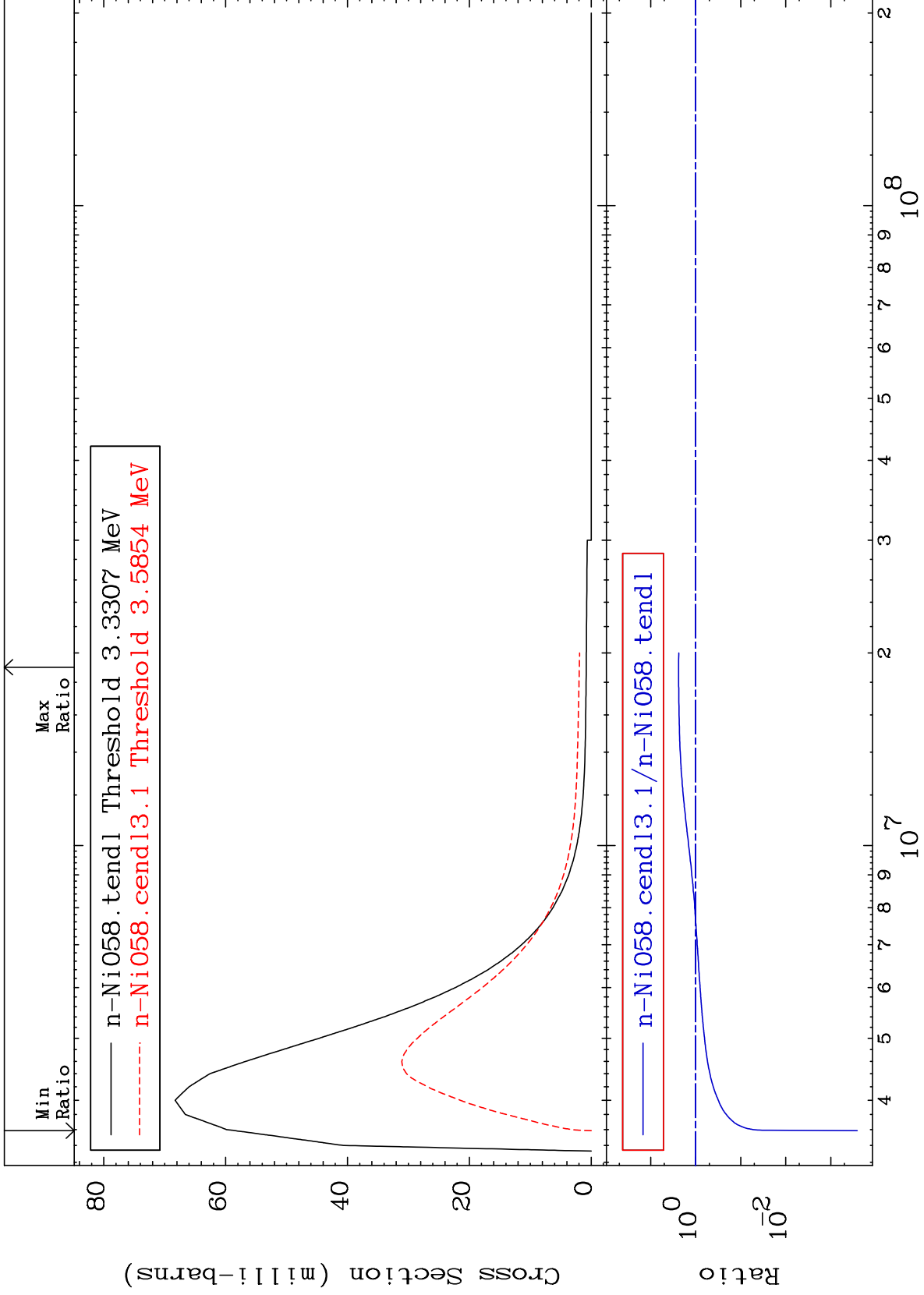
Incident Energy (eV)

28-Ni-58

MAT 2825

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

28-Ni-58  
-99.97 To 139.9 %



15

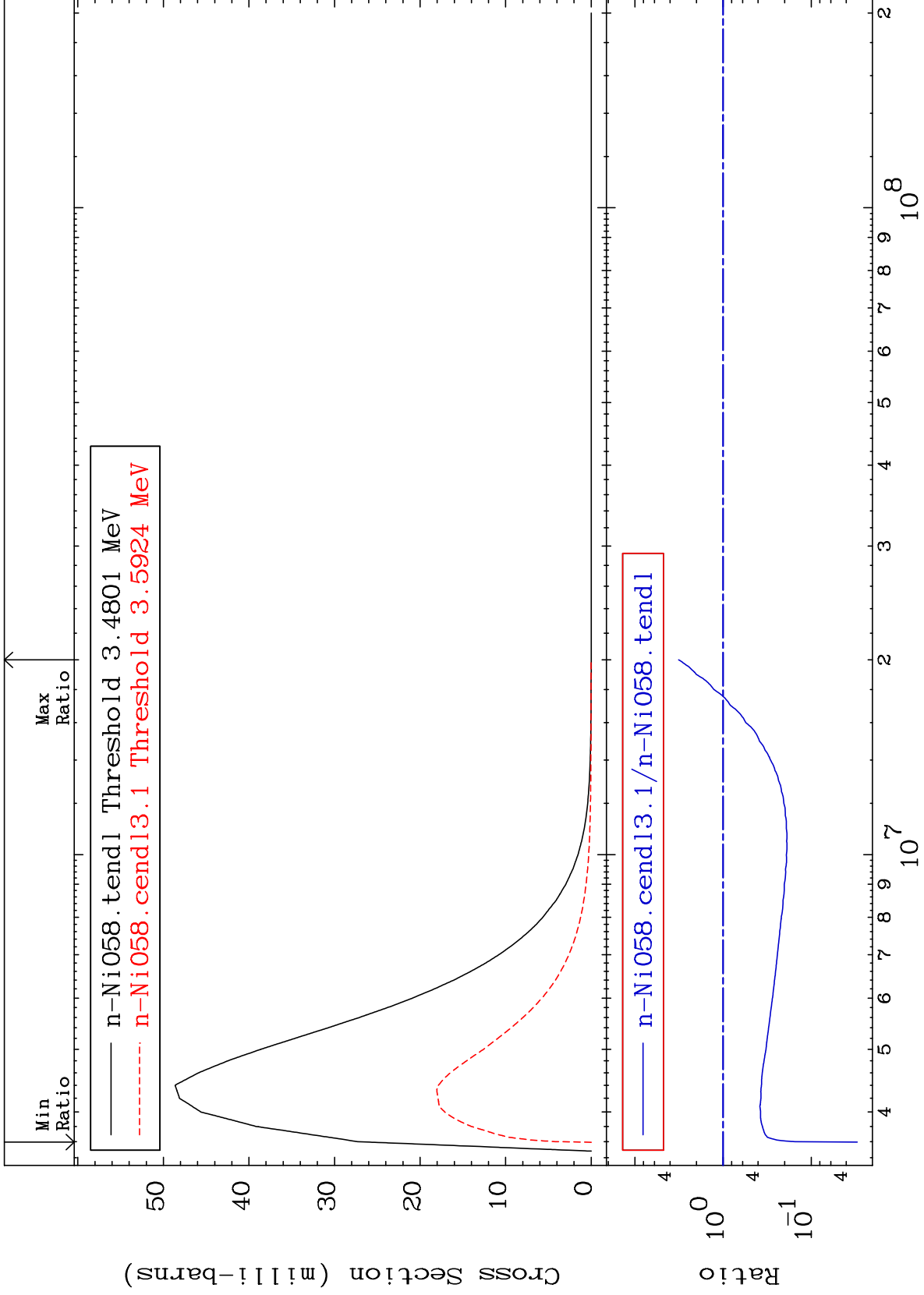
Incident Energy (eV)

28-Ni-58

MAT 2825

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

28-Ni-58  
-96.99 To 219.0 %

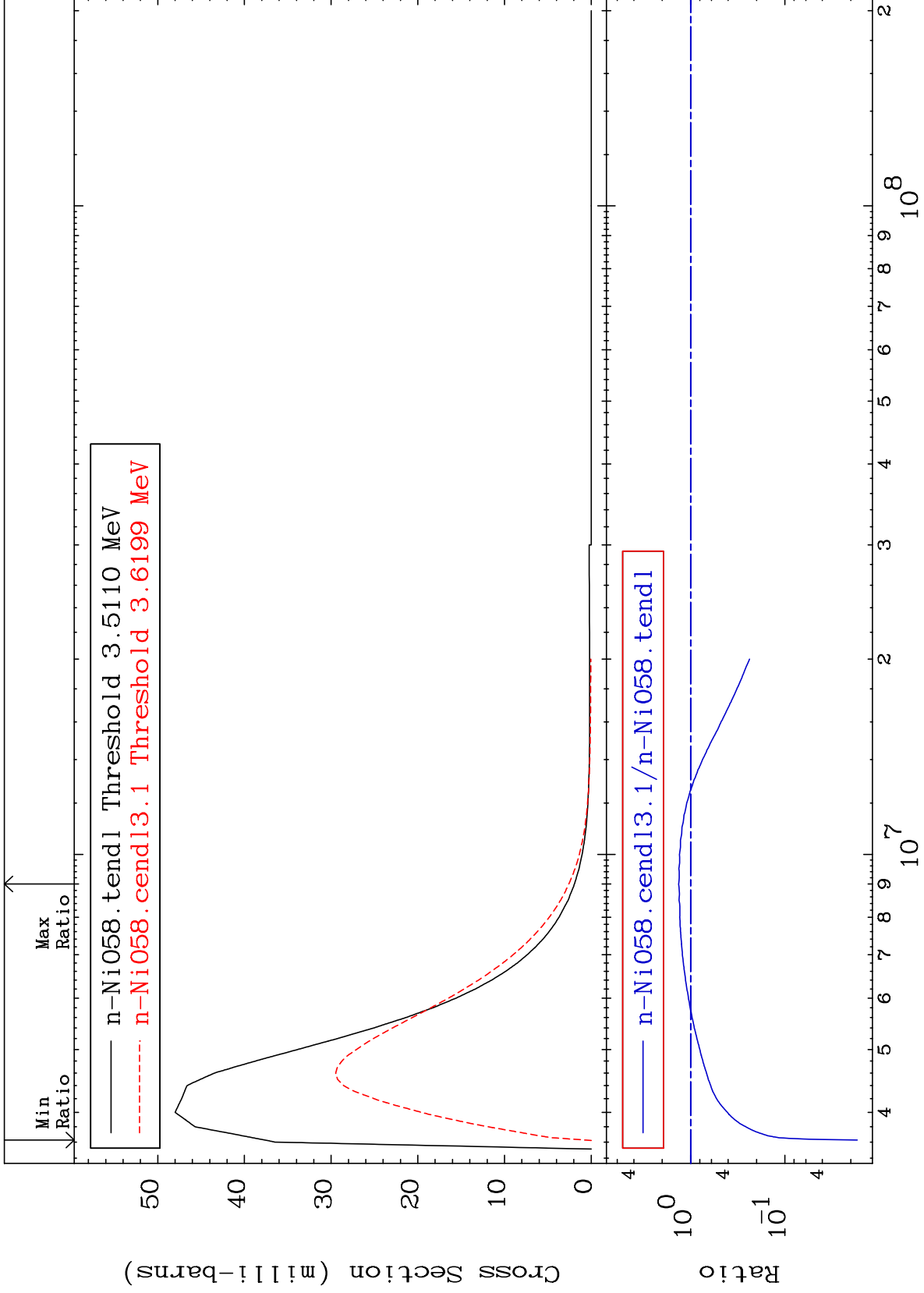




MAT 2825

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

28-Ni-58  
-98.29 To 34.01 %



17

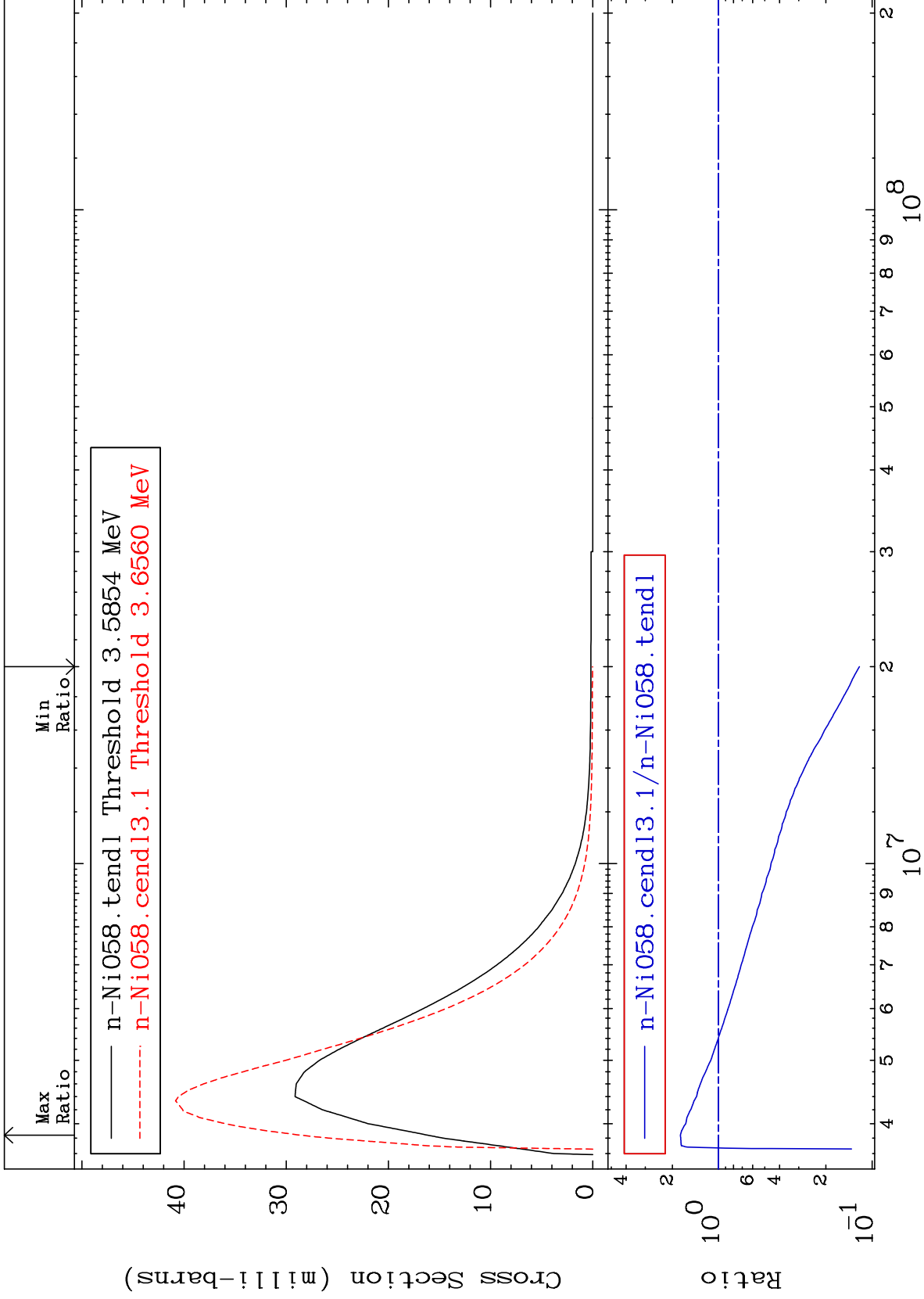
Incident Energy (eV)

28-Ni-58

MAT 2825

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

28-Ni-58  
-87.92 To 77.36 %



18

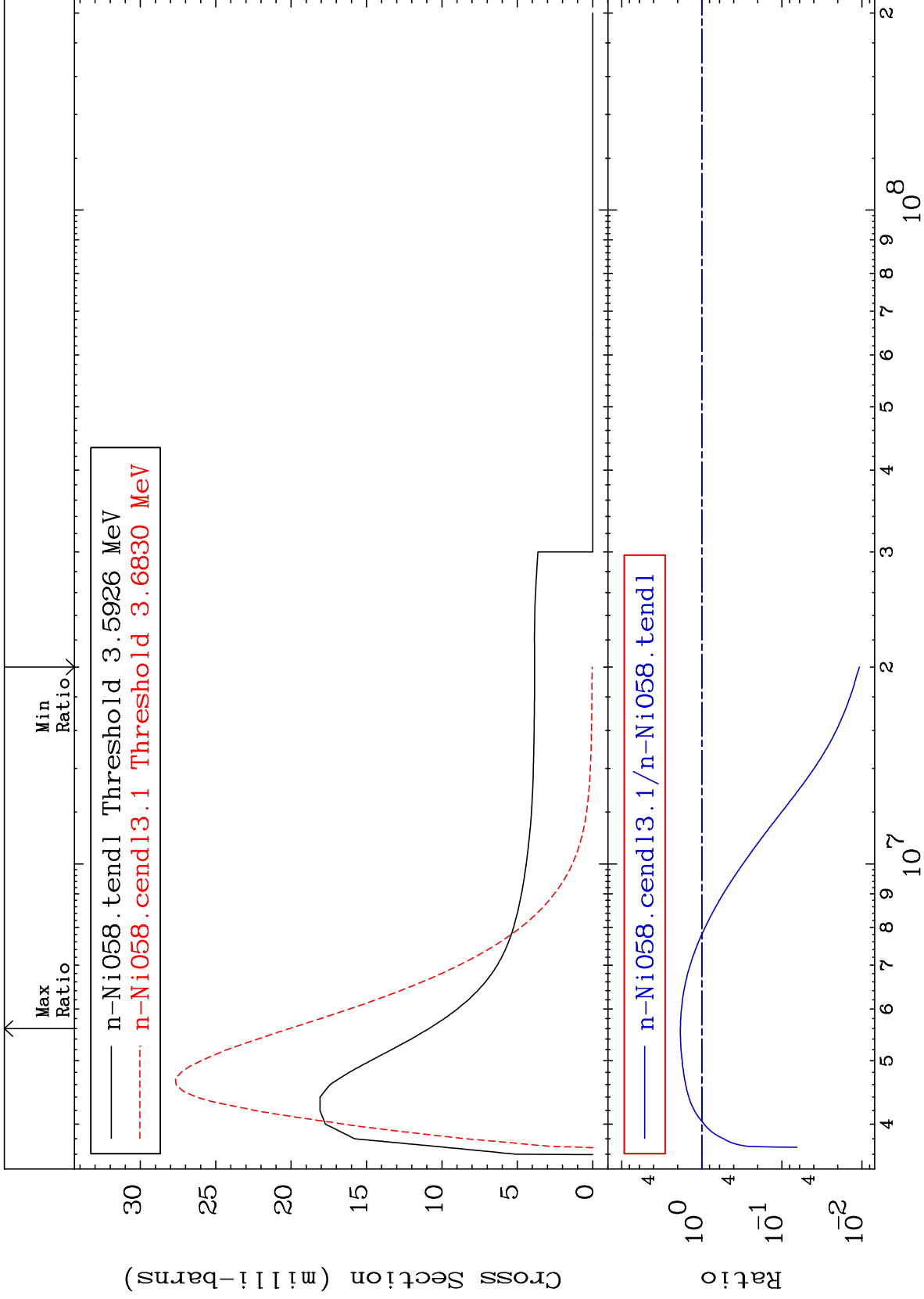
Incident Energy (eV)

28-Ni-58

MAT 2825

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

28-Ni-58  
-98.93 To 85.18 %



19

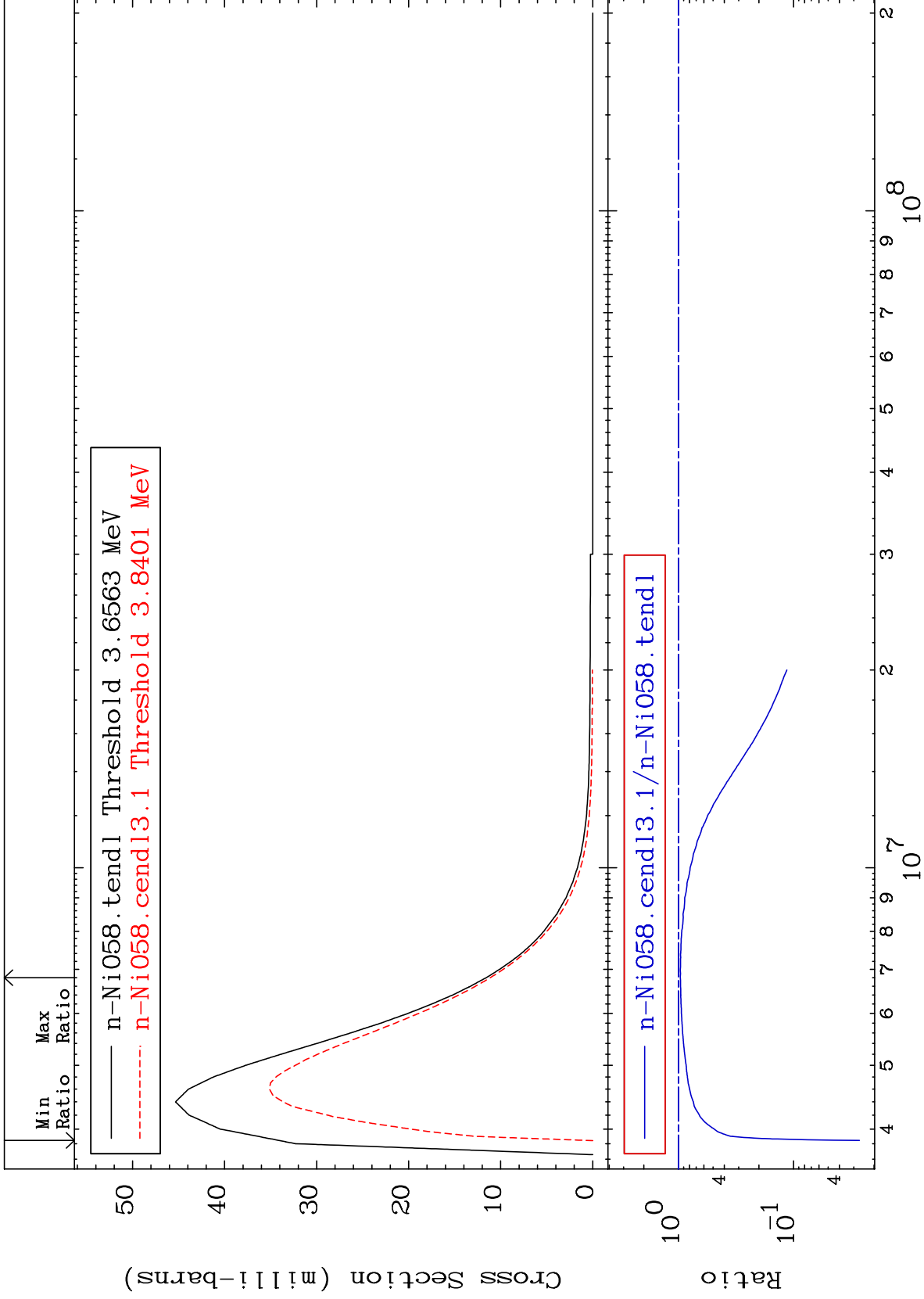
Incident Energy (eV)

28-Ni-58

MAT 2825

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

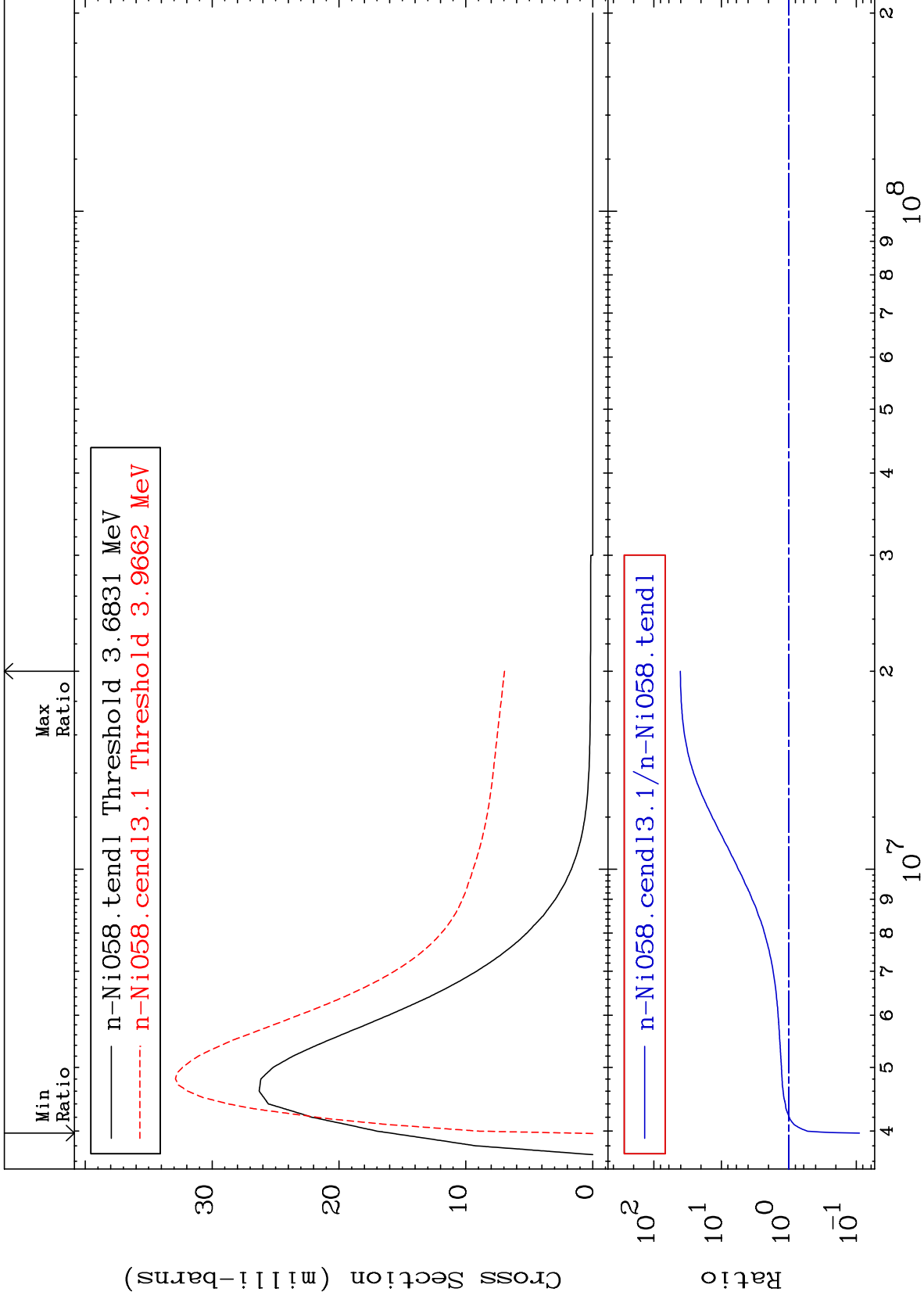
28-Ni-58  
-97.32 To -3.799%



20

28-Ni-58

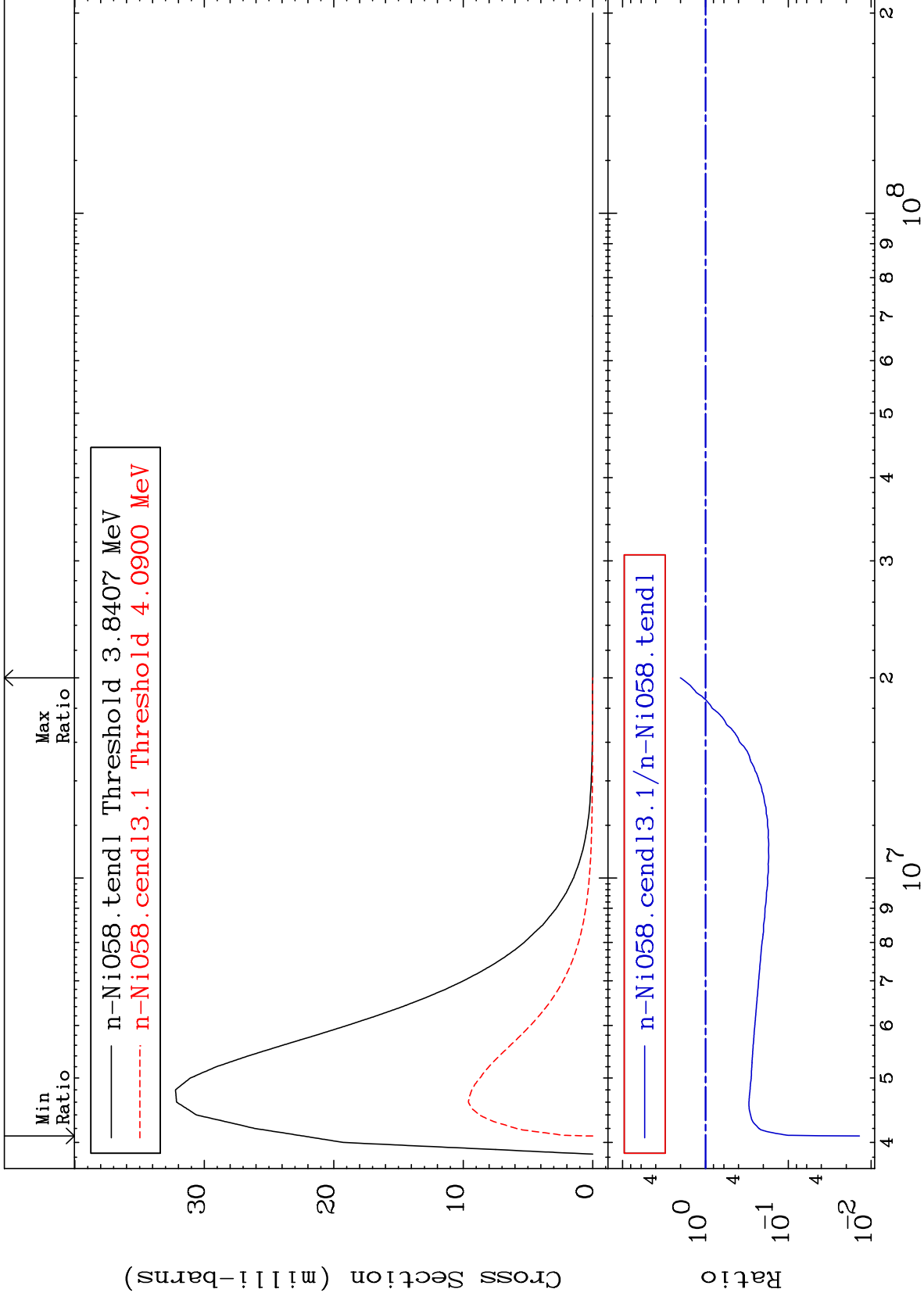
28-Ni-58

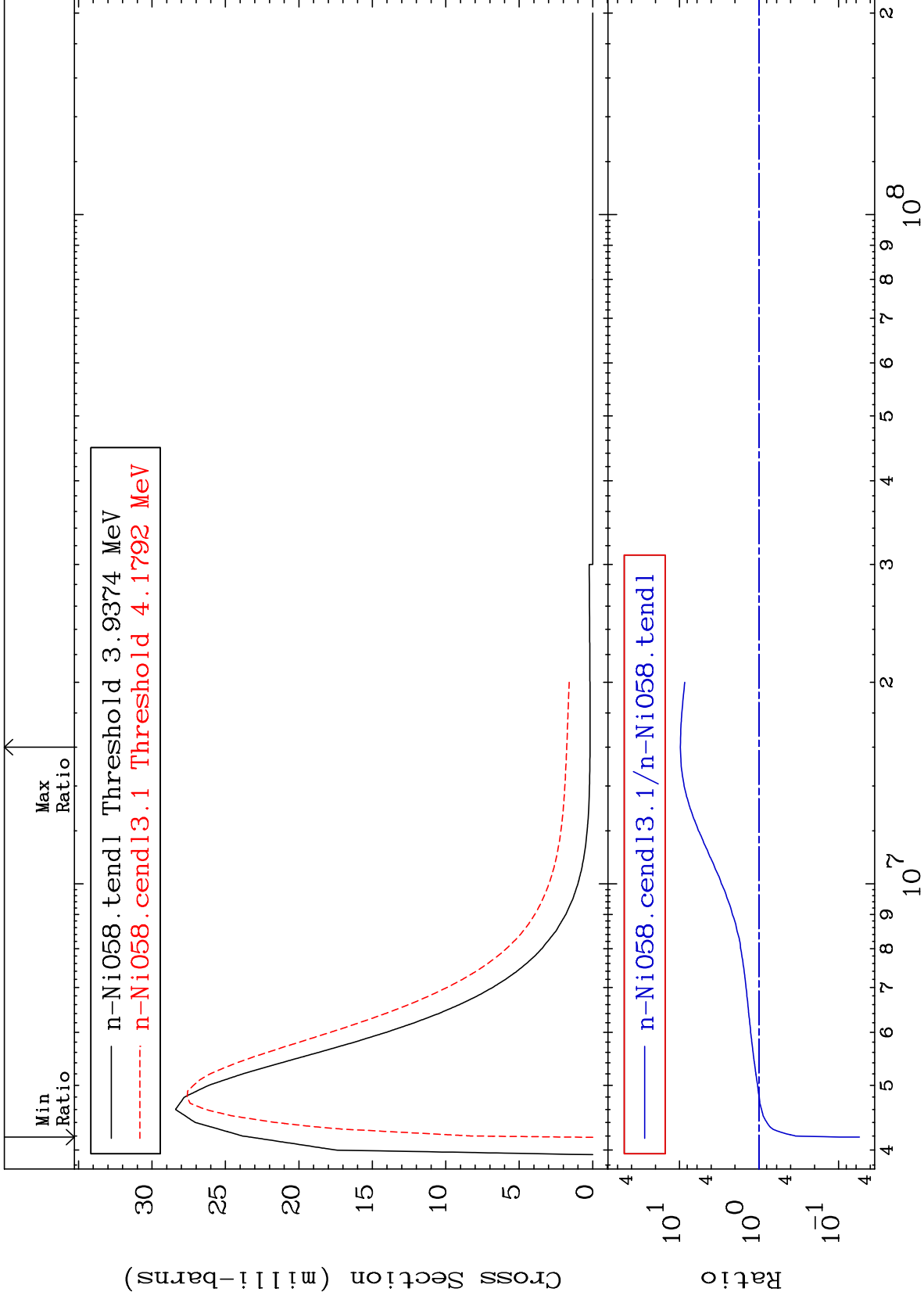


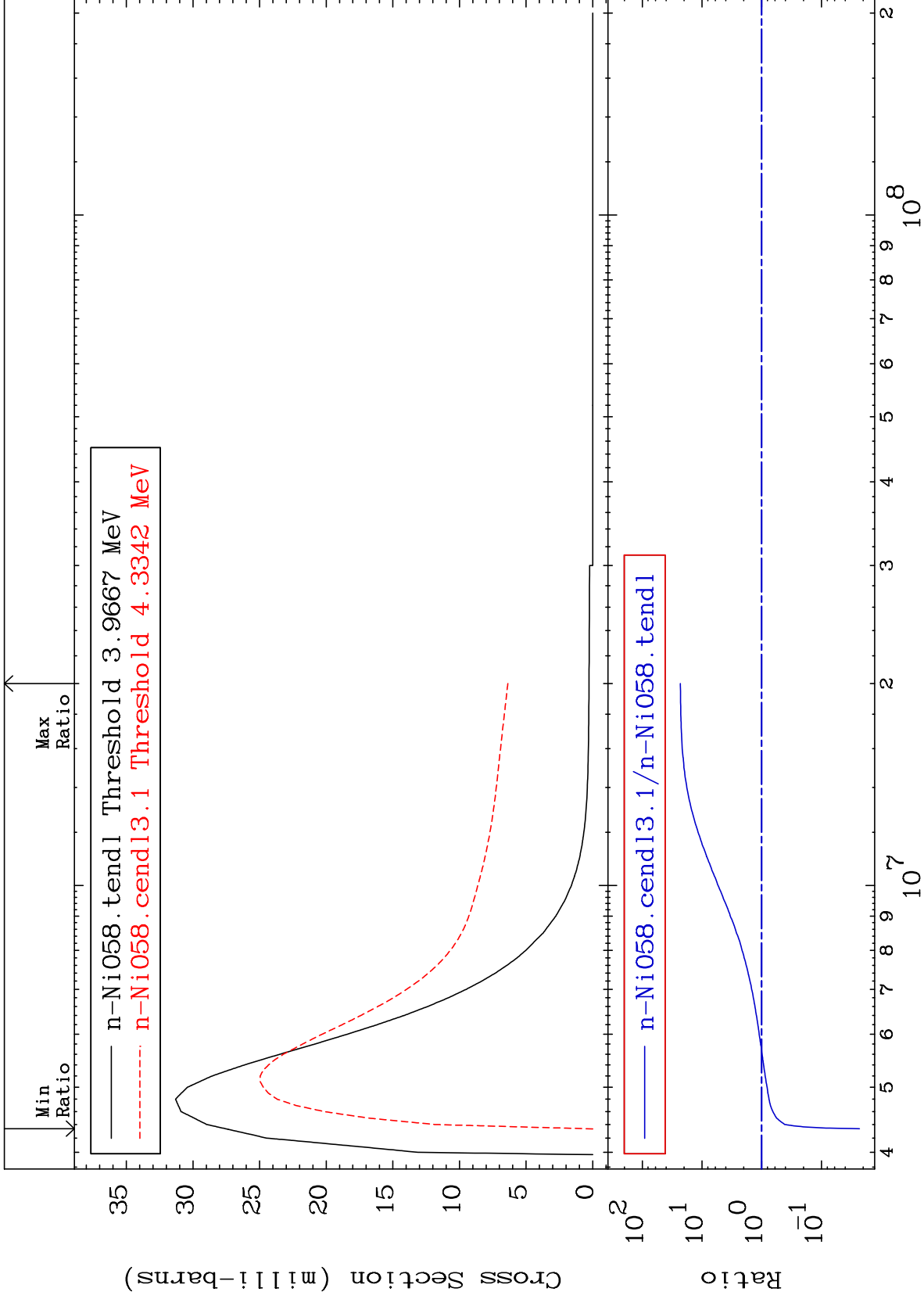
MAT 2825

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

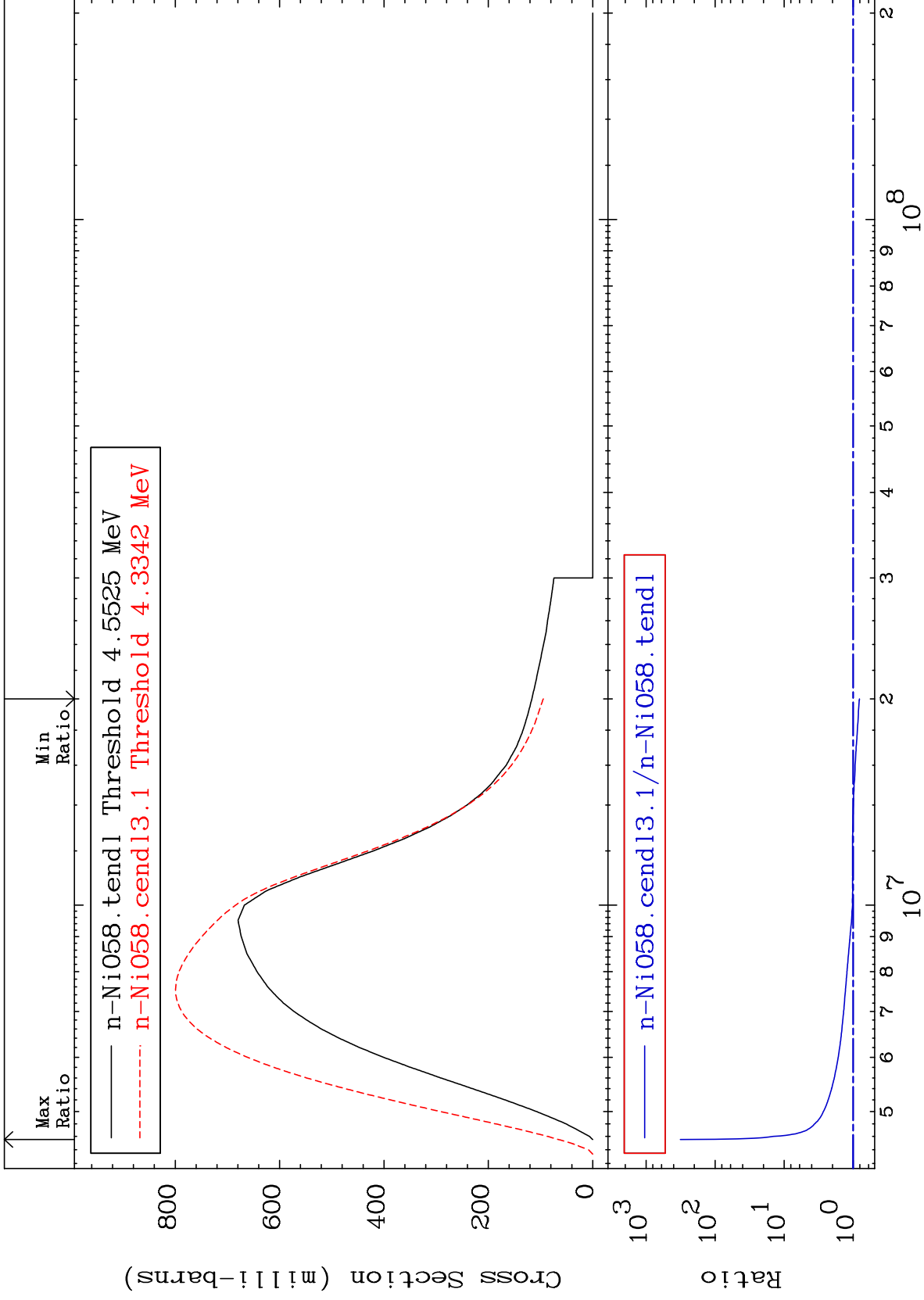
28-Ni-58  
-98.61 To 101.1 %







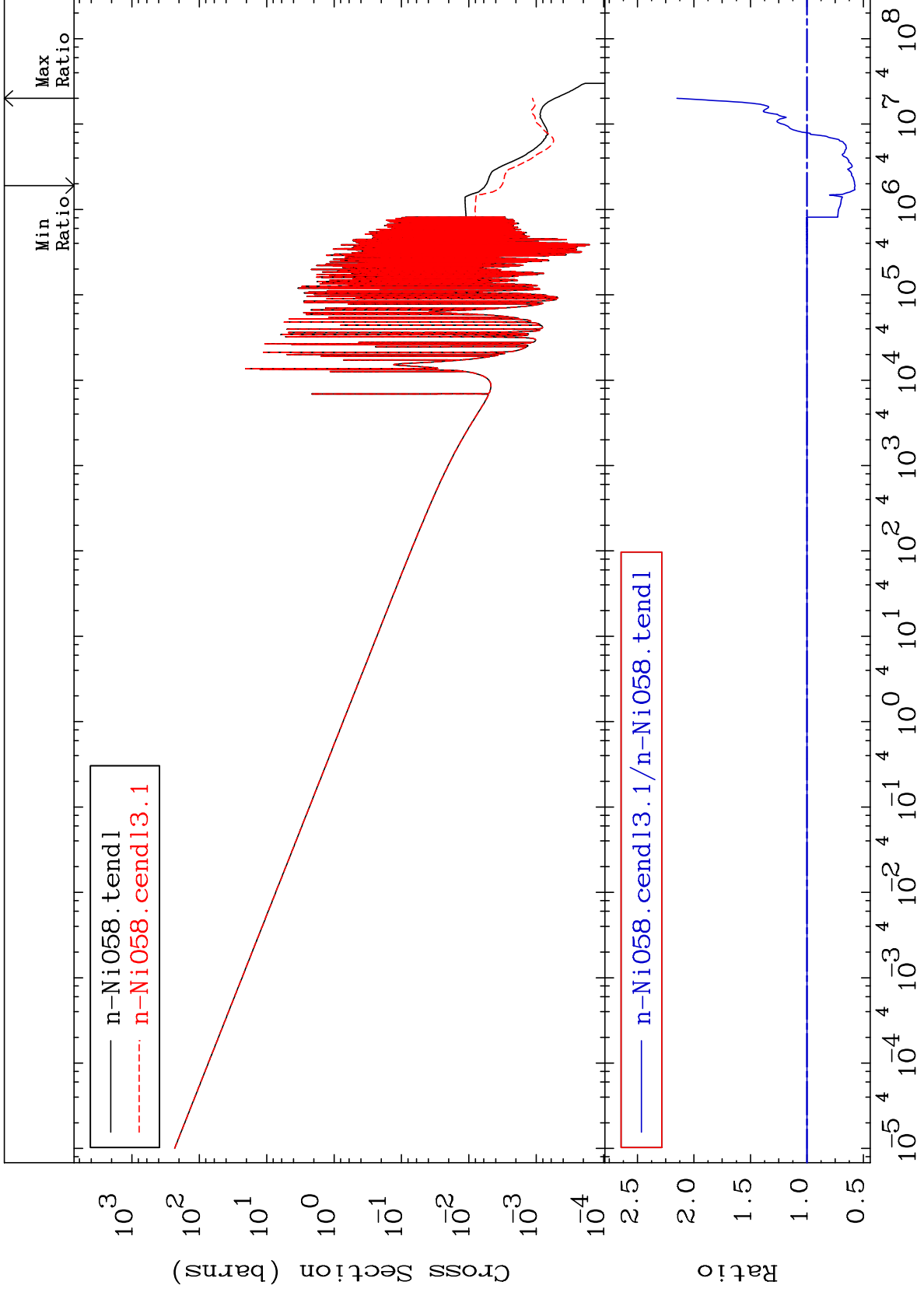




MAT 2825

(n,  $\gamma$ )  
Cross Section

28-Ni-58  
-42.60 To 115.1 %



26

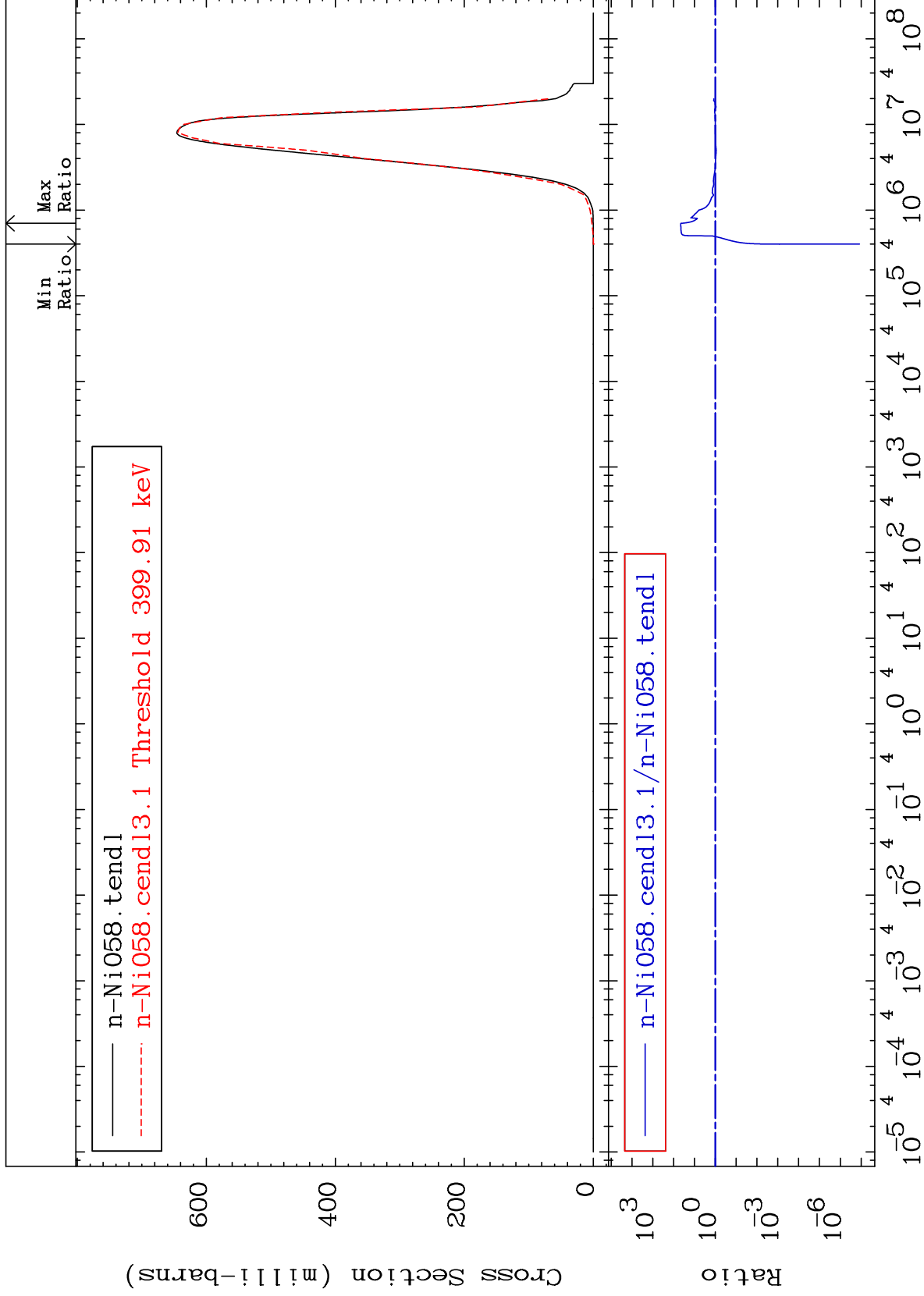
Incident Energy (eV)

28-Ni-58

MAT 2825

(n,p)  
Cross Section

28-Ni-58  
-100.0 To 4433. %



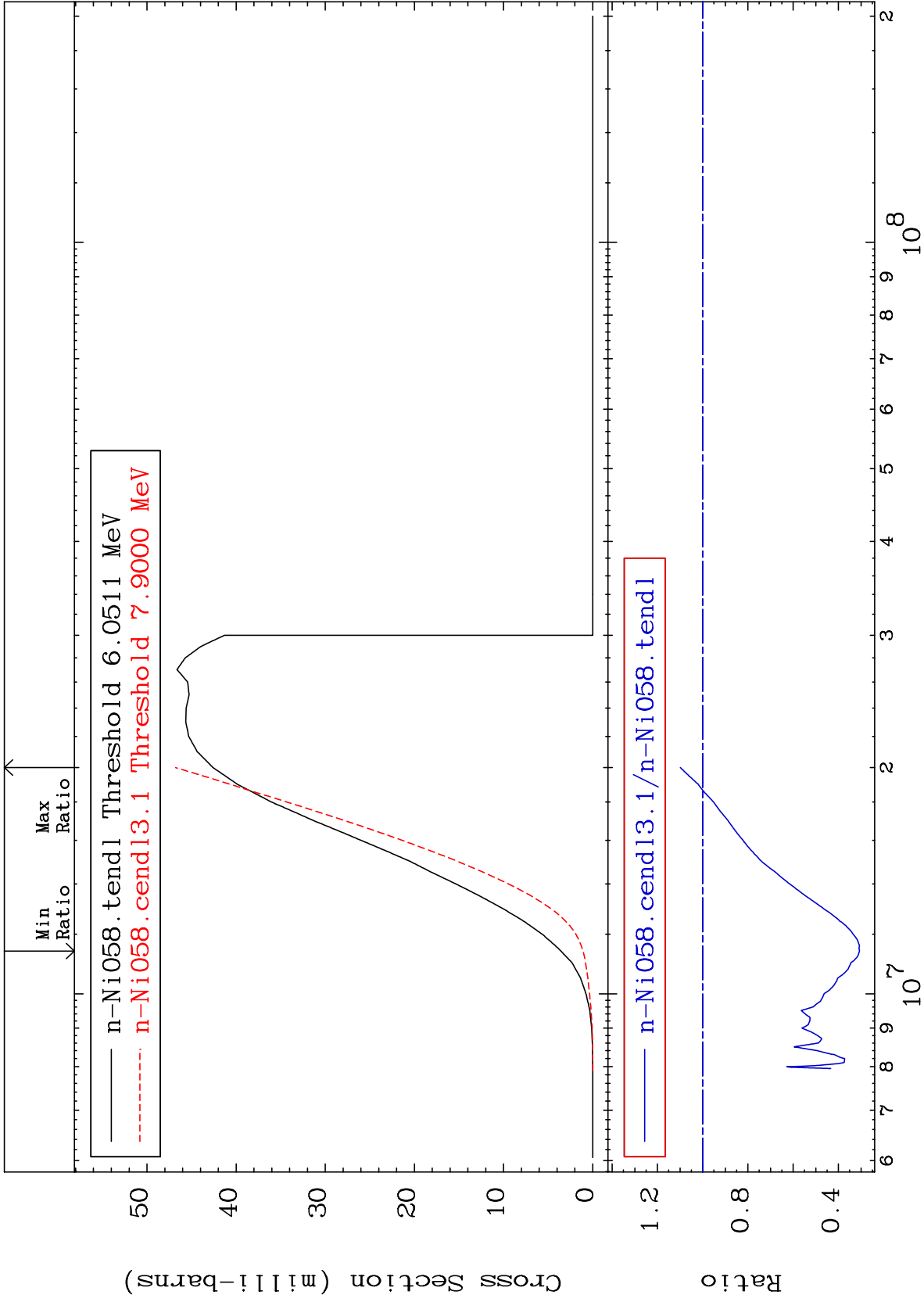
MAT 2825

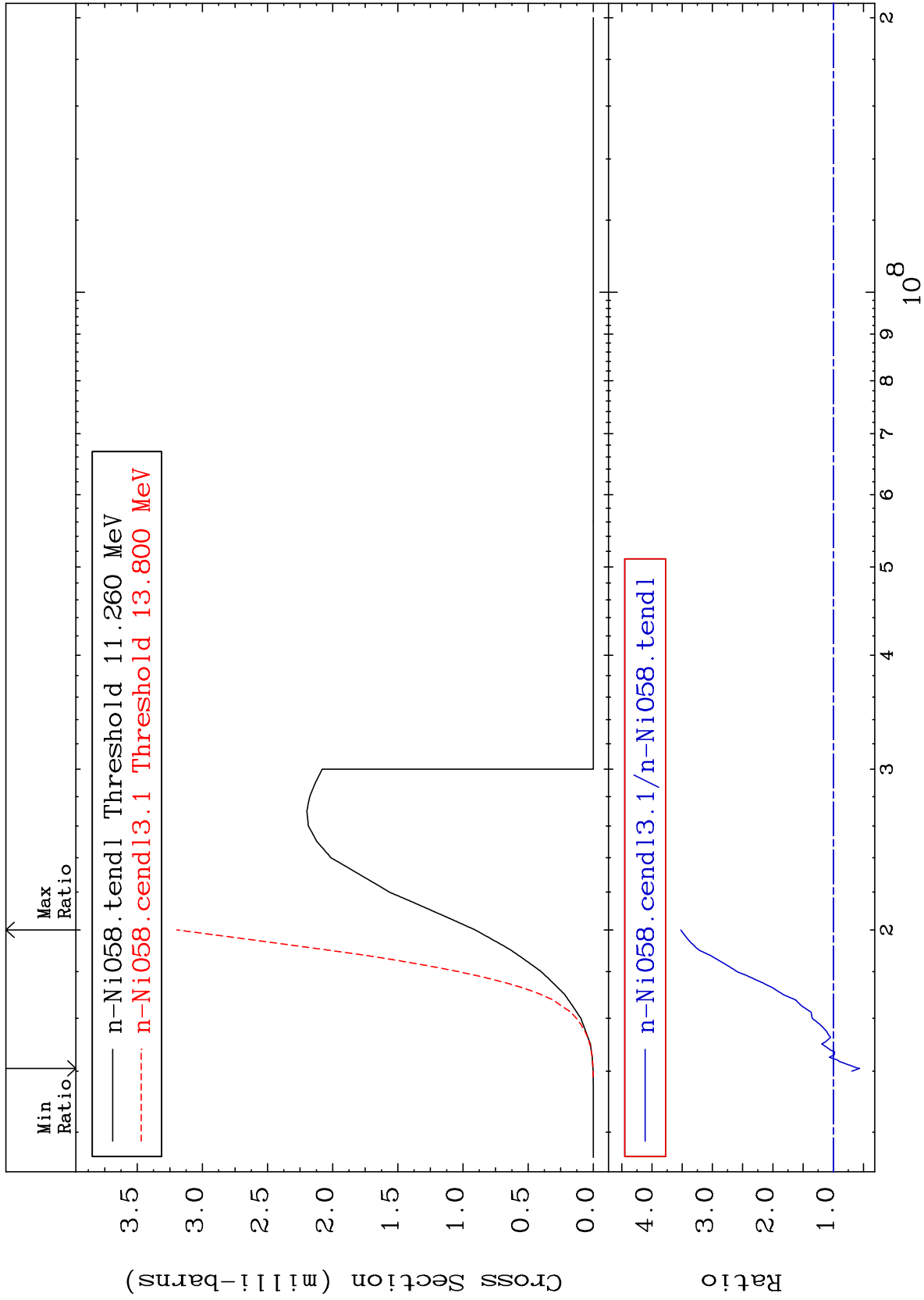
(n, d)

28-Ni-58

Cross Section

-69.29 To 9.862 %





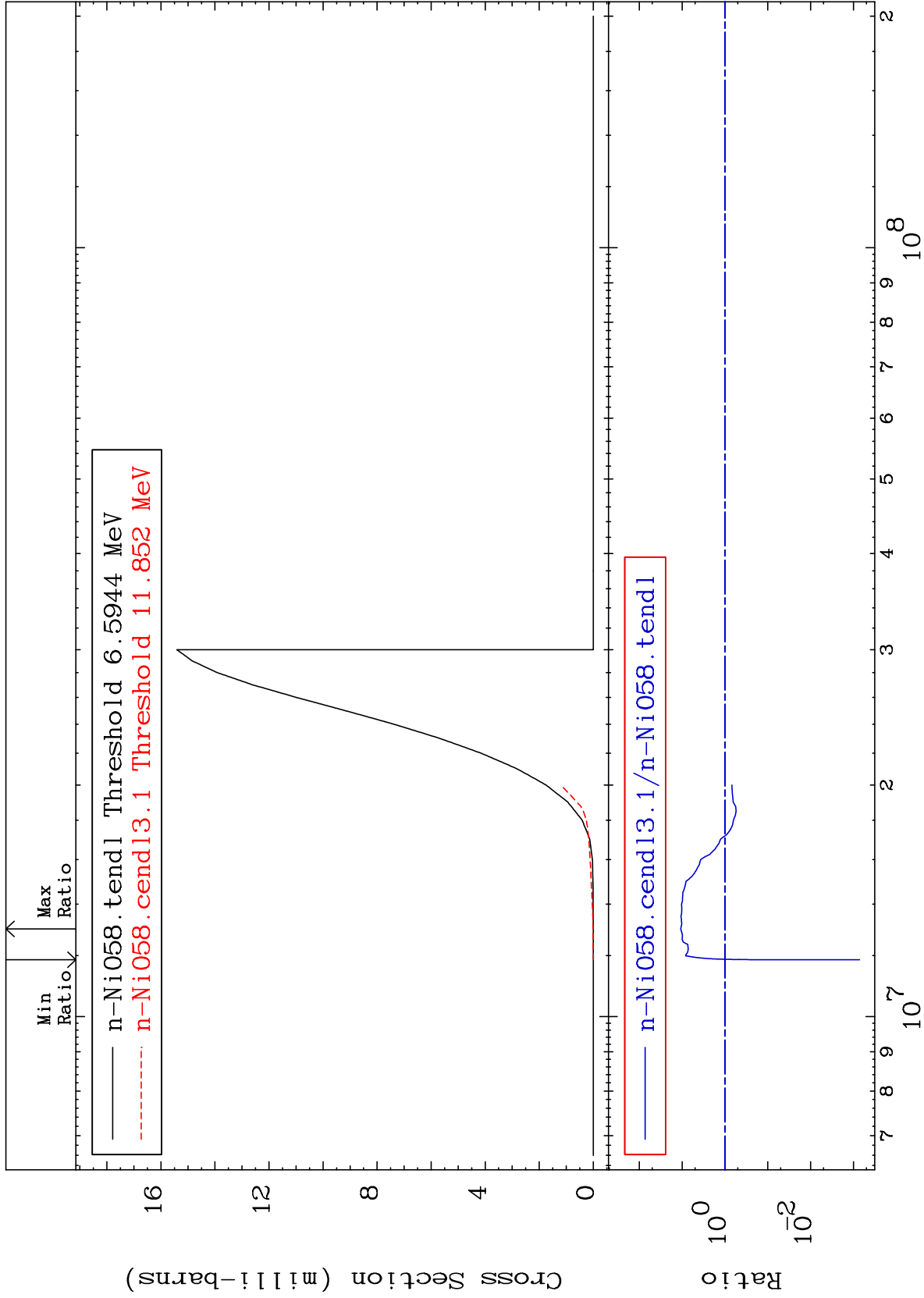
MAT 2825

(n, He-3)

28-Ni-58

Cross Section

-99.93 To 975.3 %



30

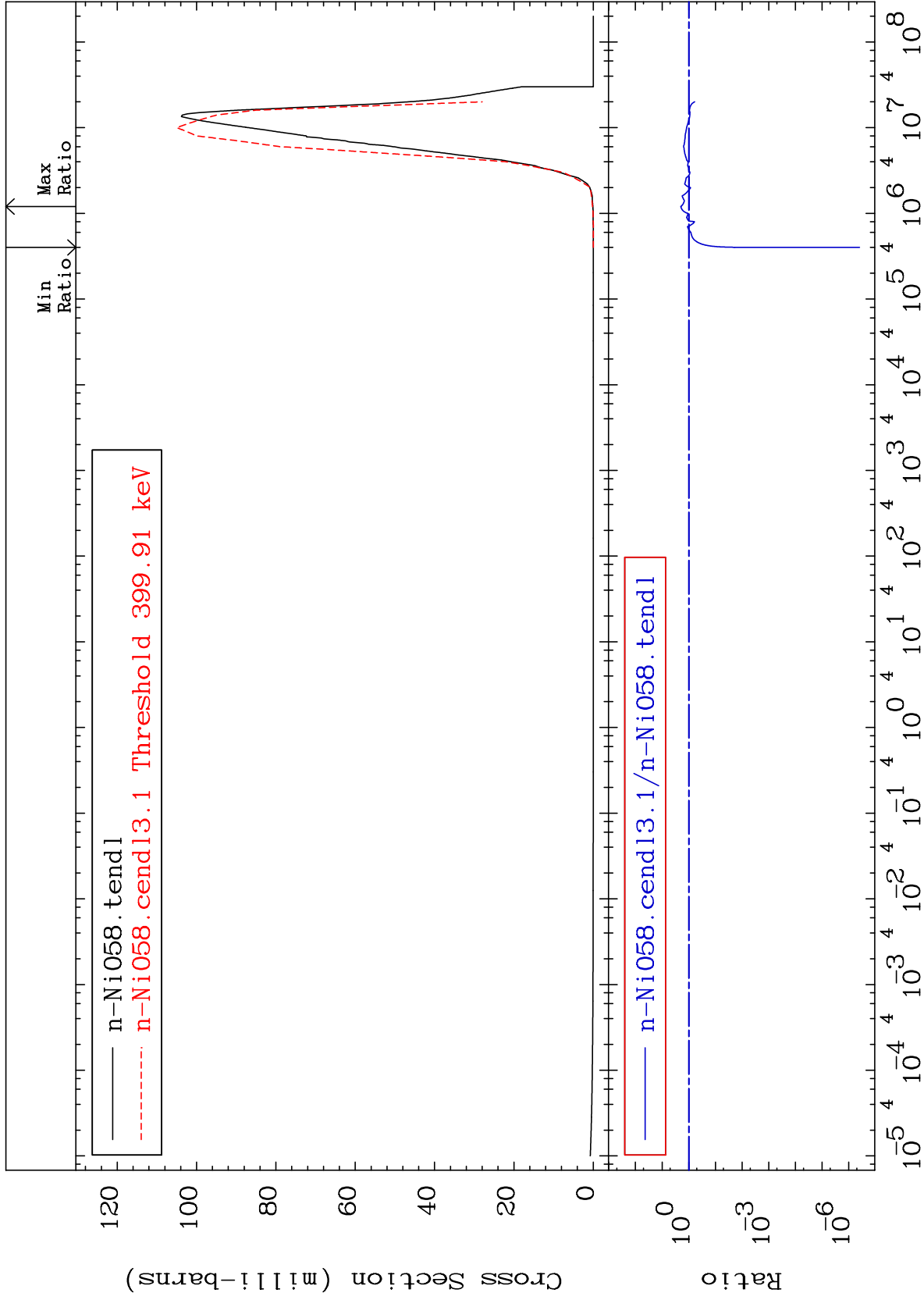
28-Ni-58

28-Ni-58

MAT 2825

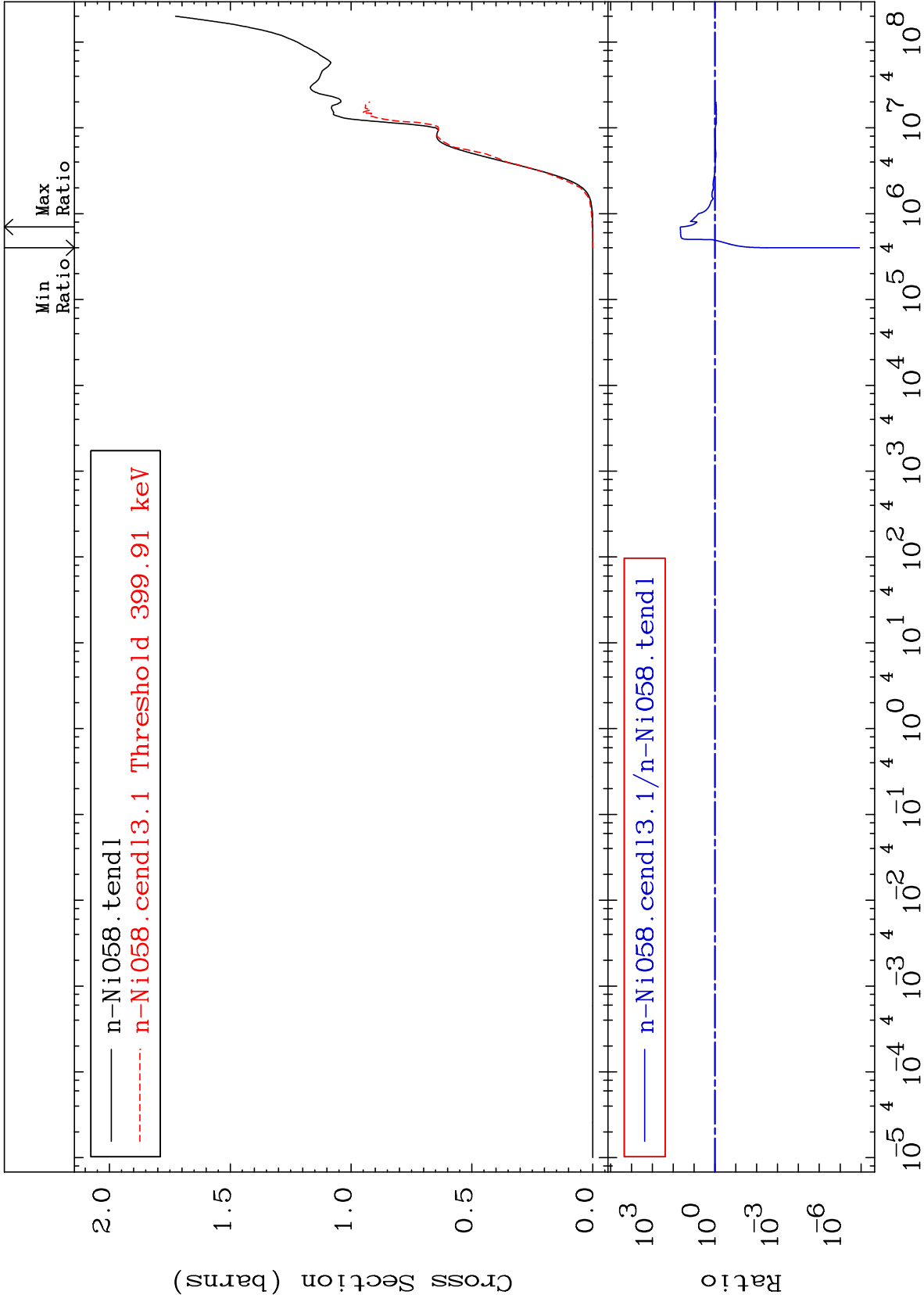
(n,  $\alpha$ )  
Cross Section

28-Ni-58  
-100.0 To 99.66 %

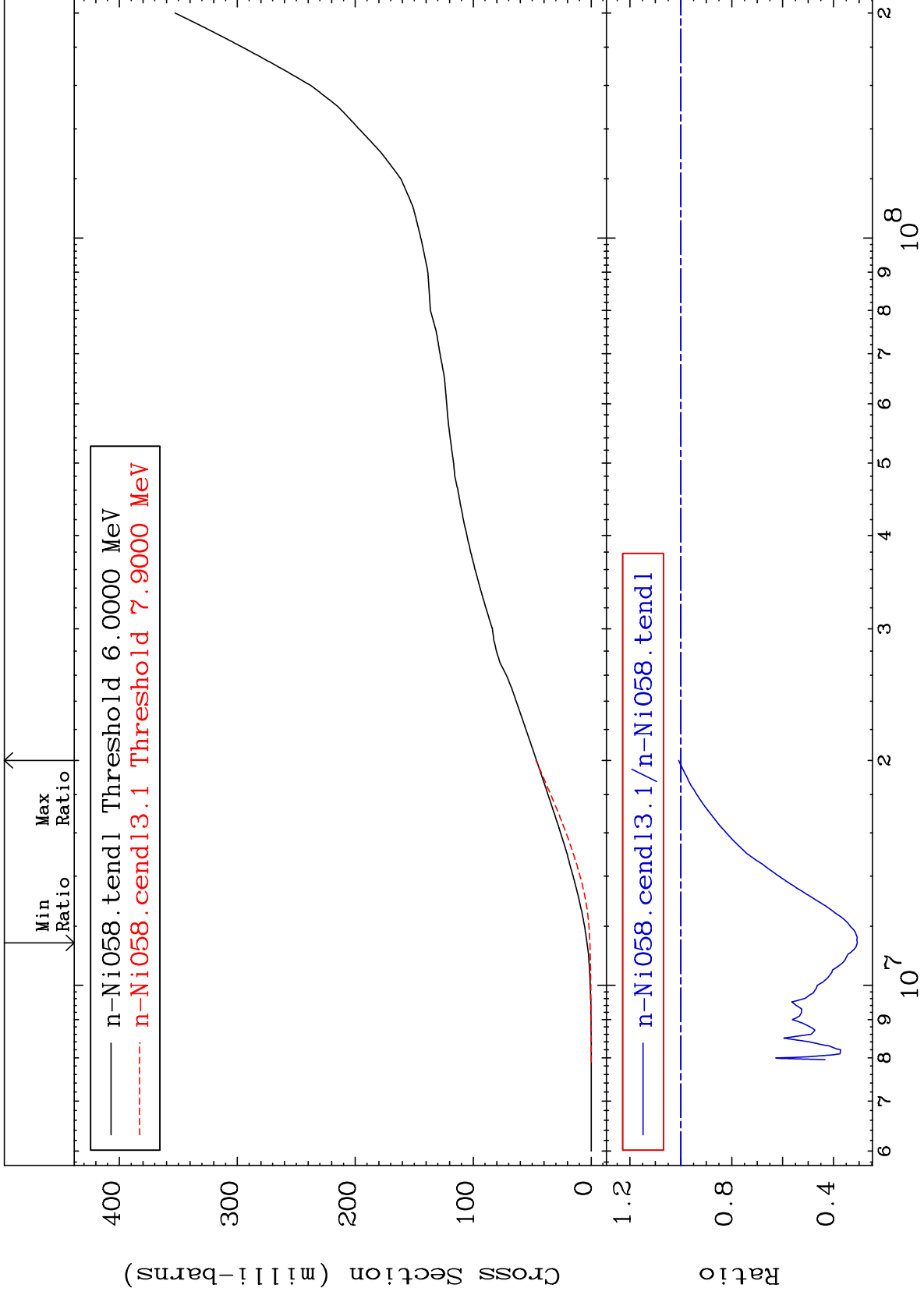


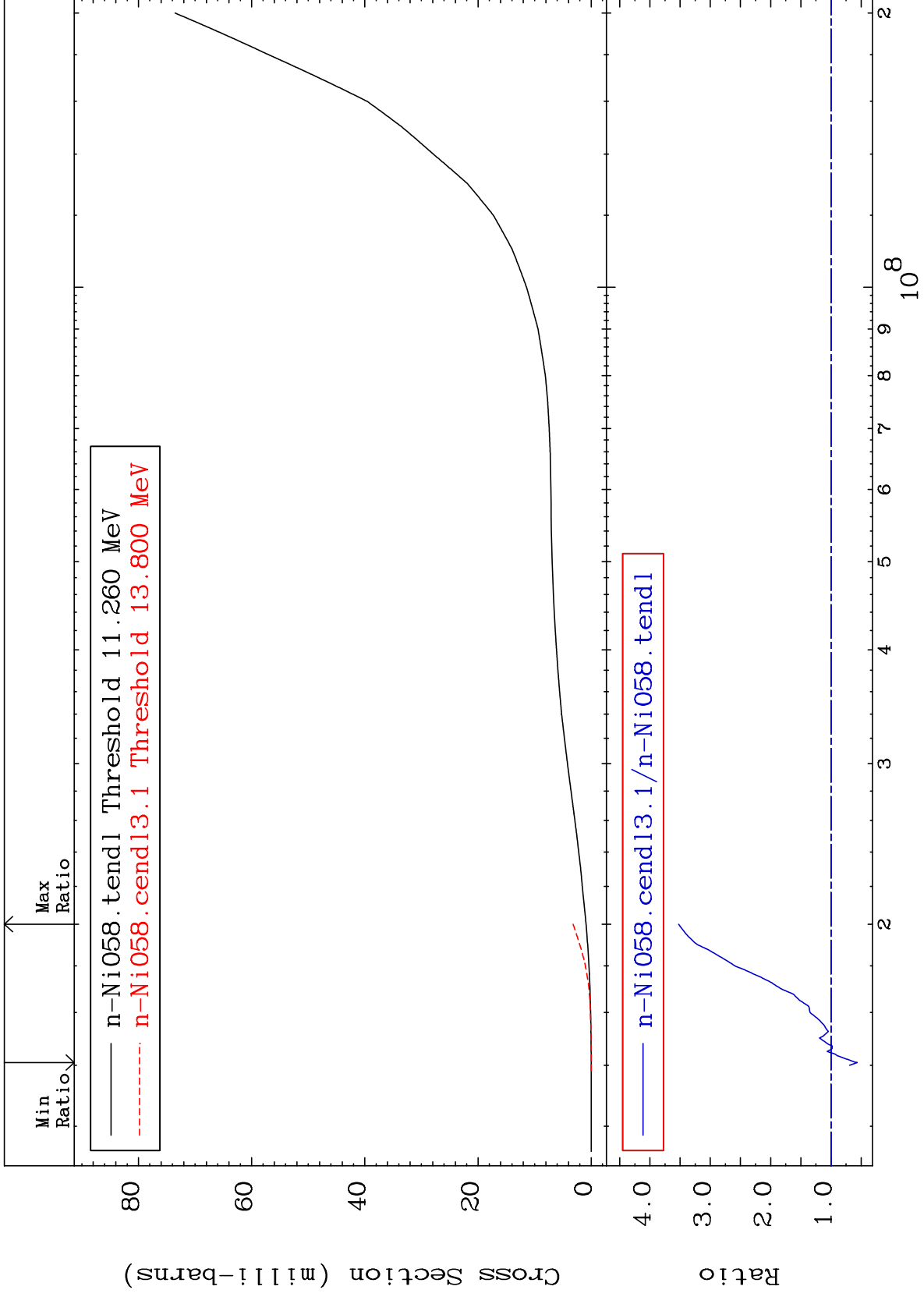
28-Ni-58

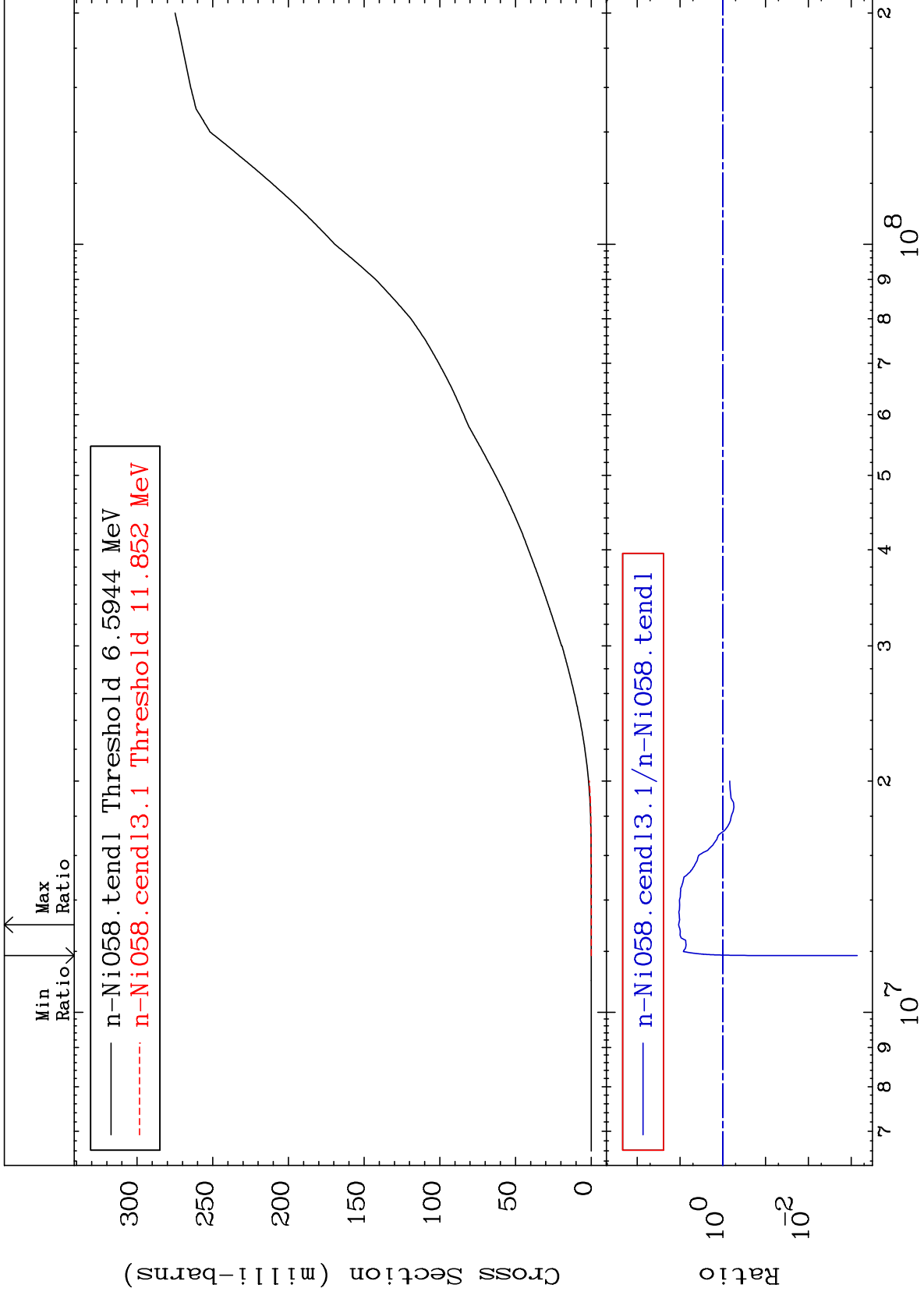
28-Ni-58

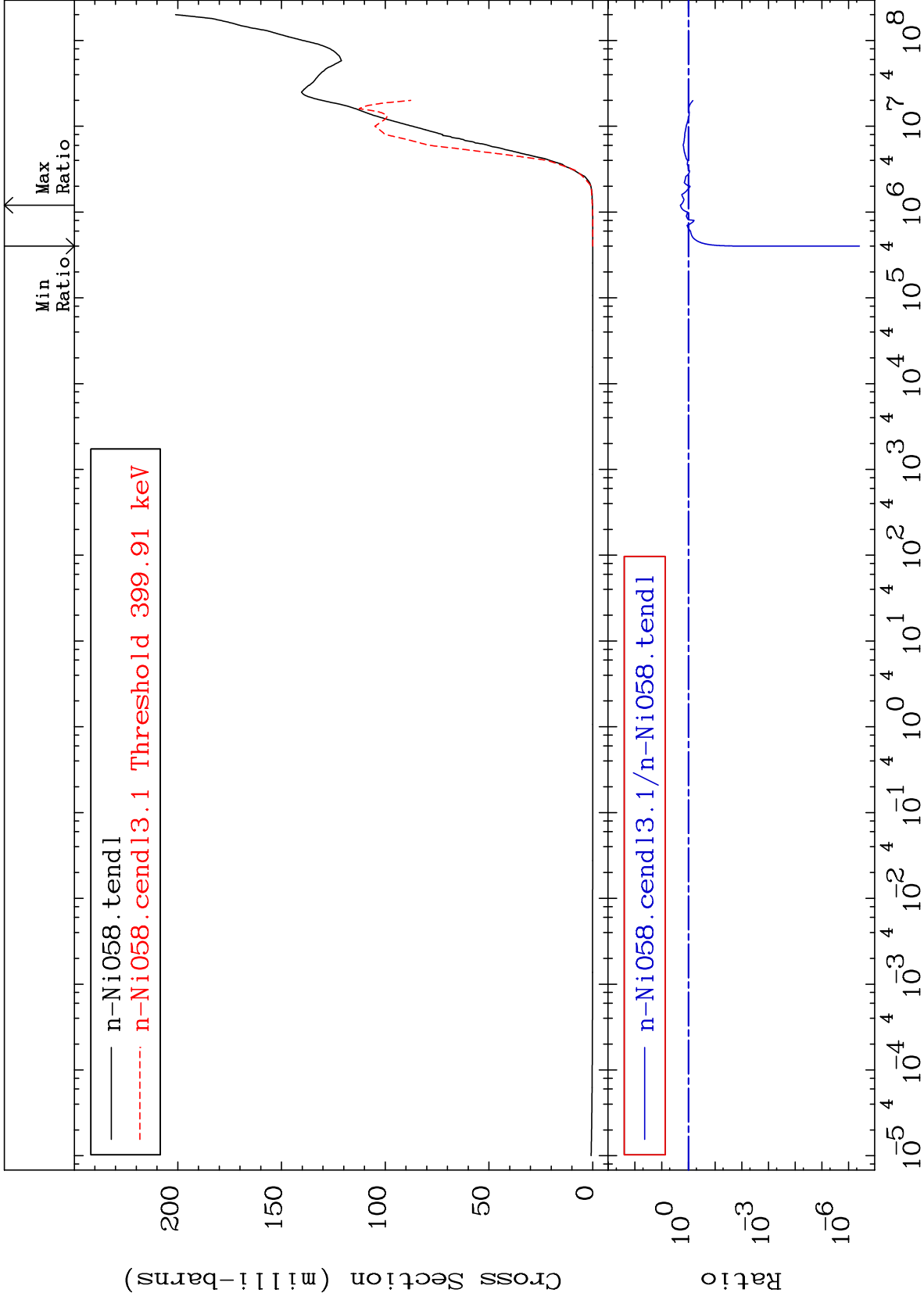


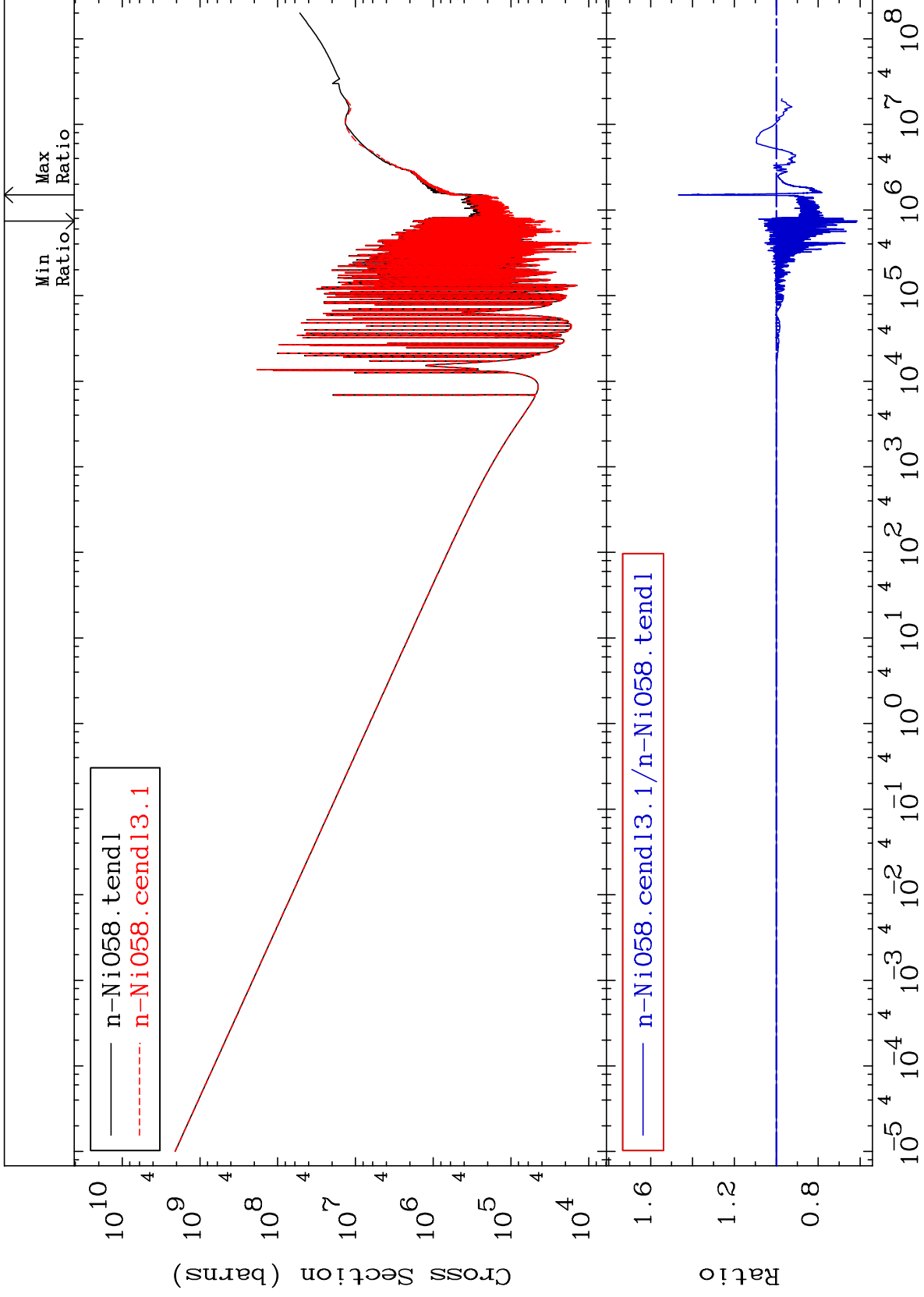


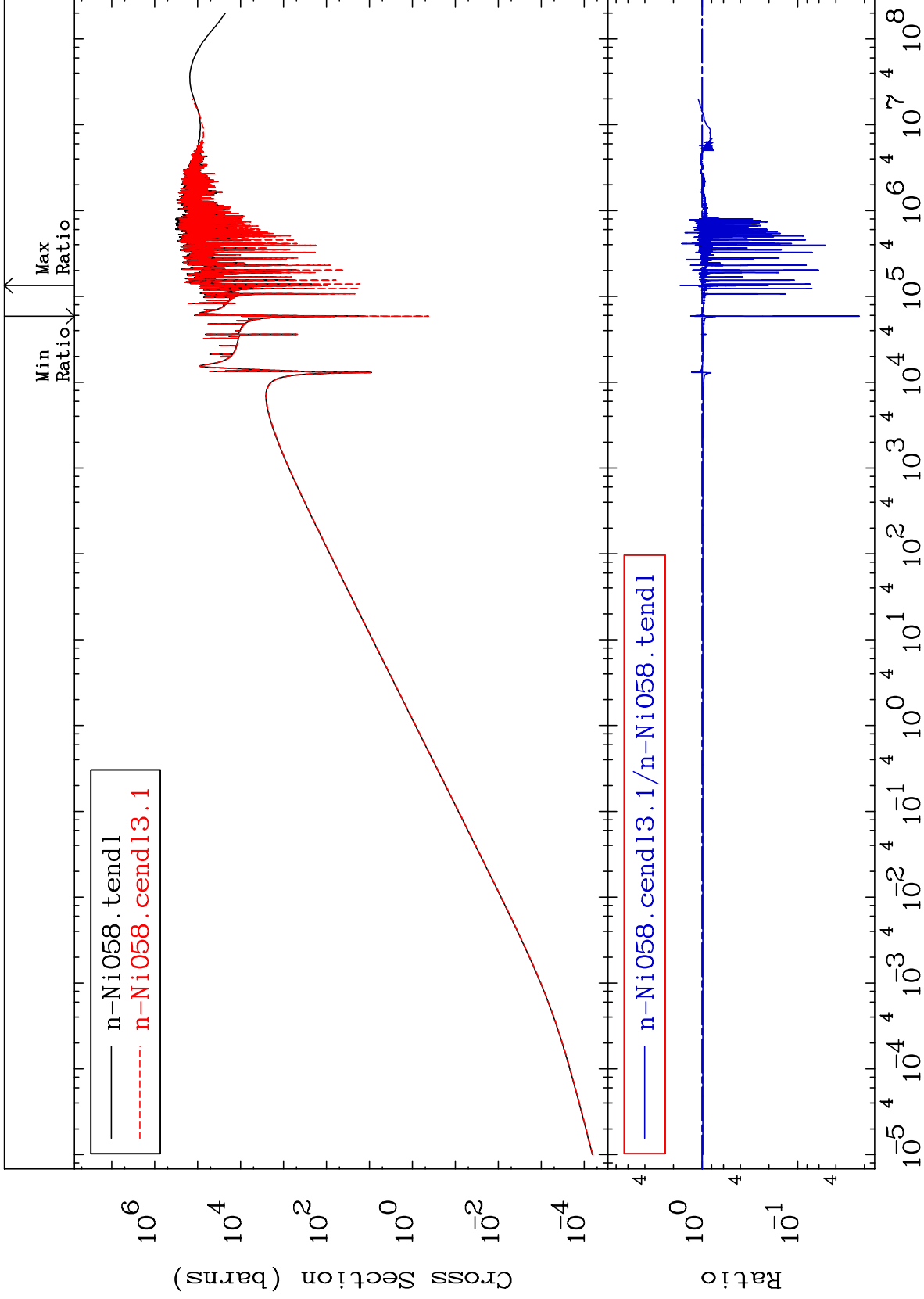


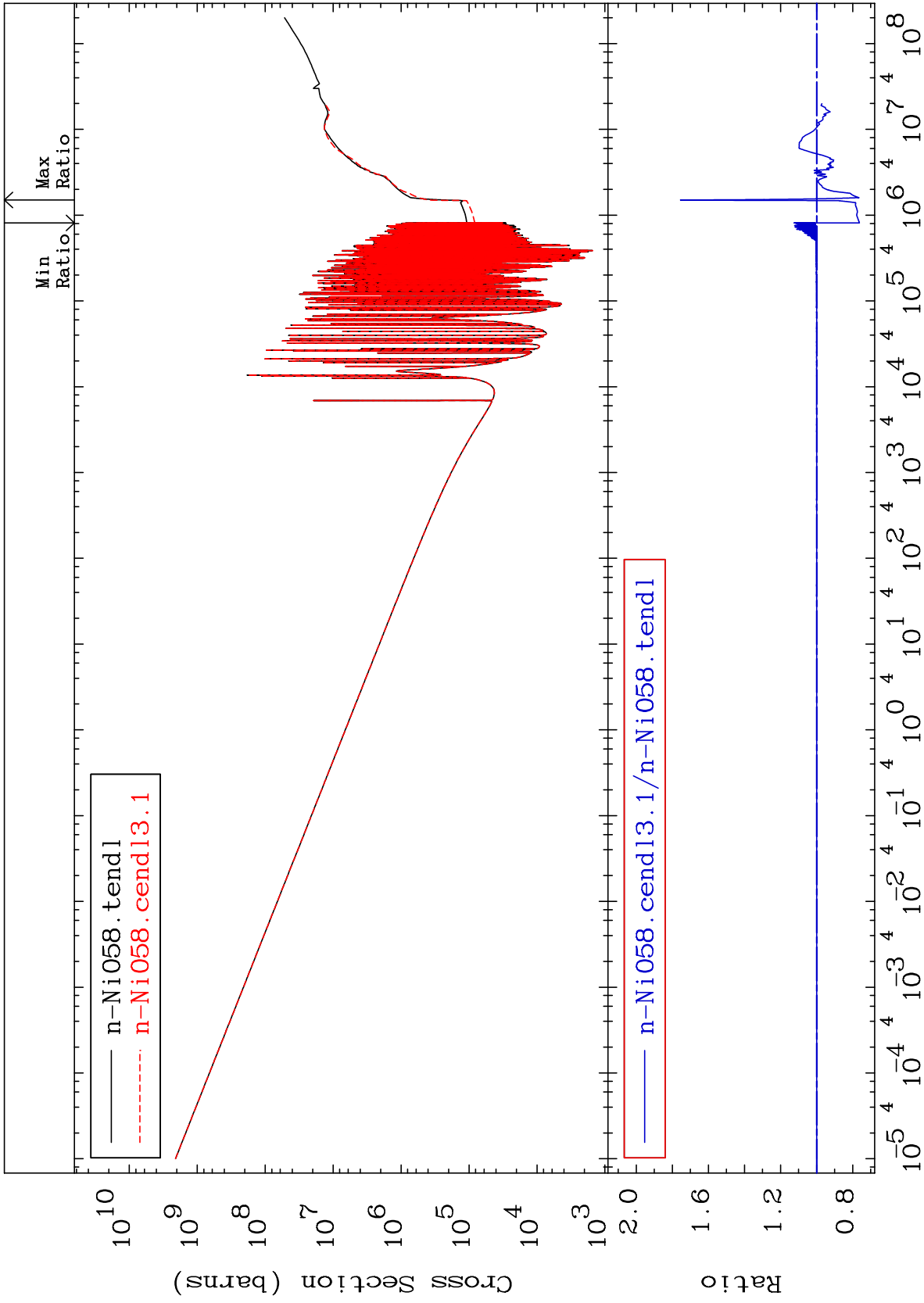


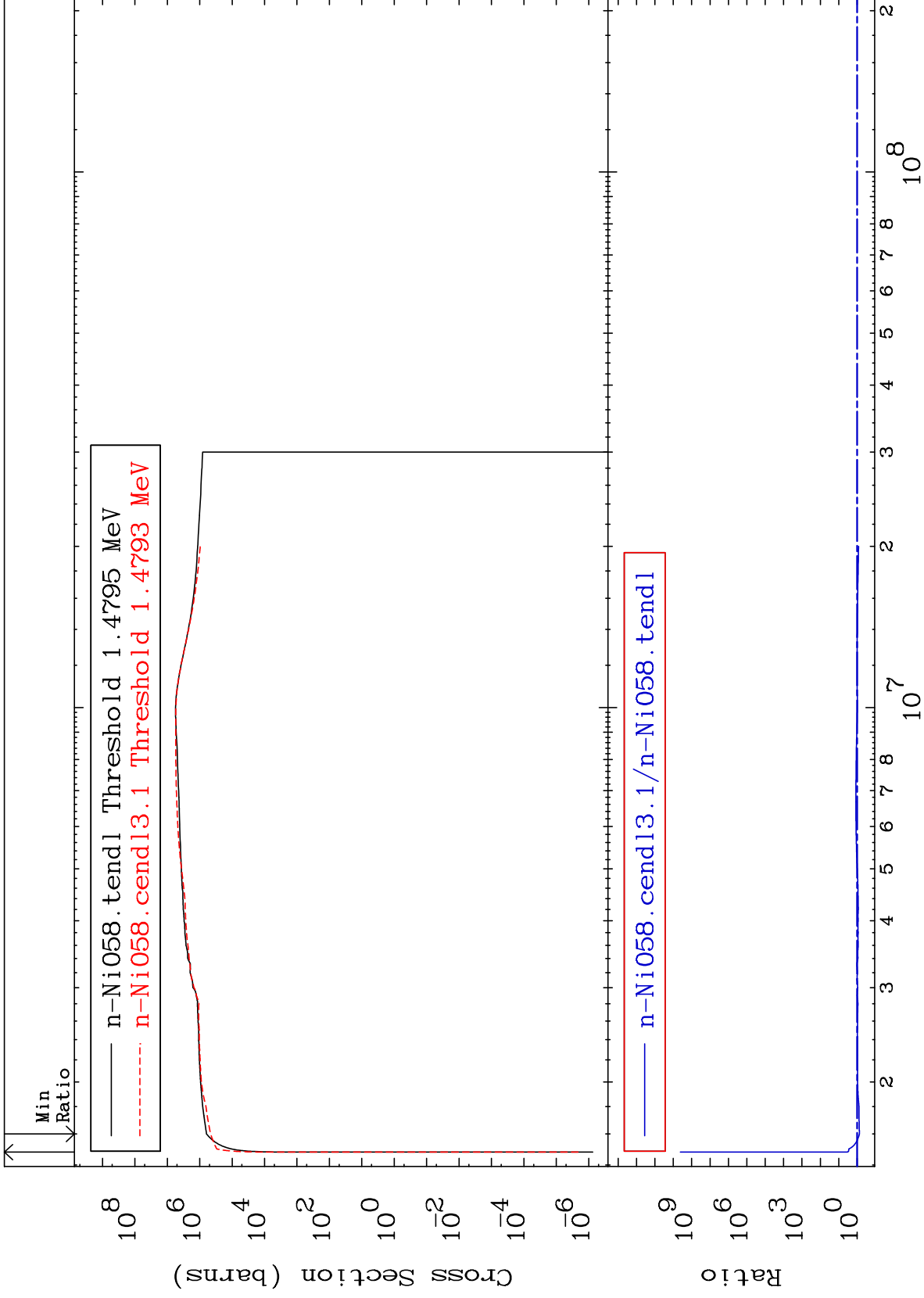




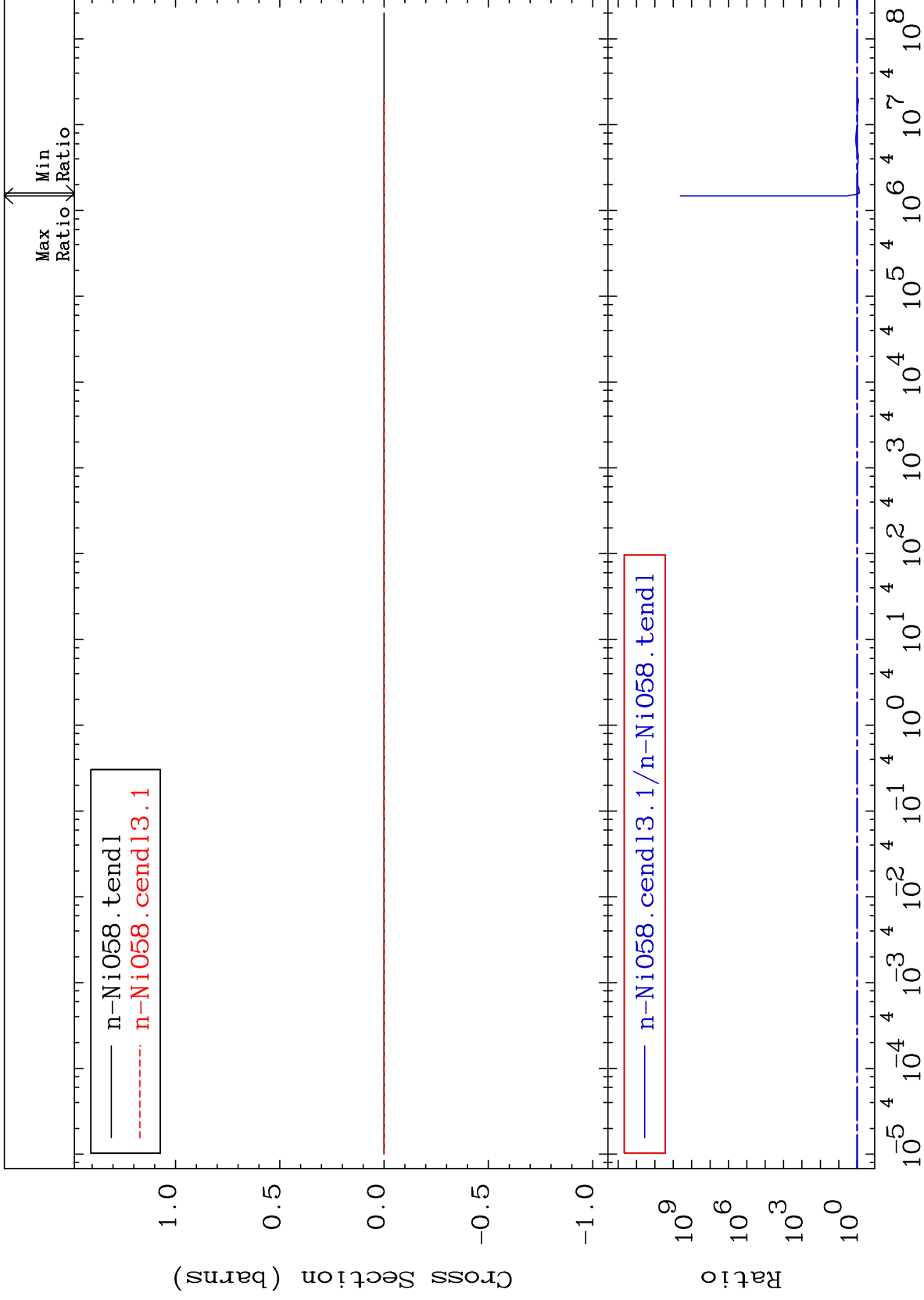








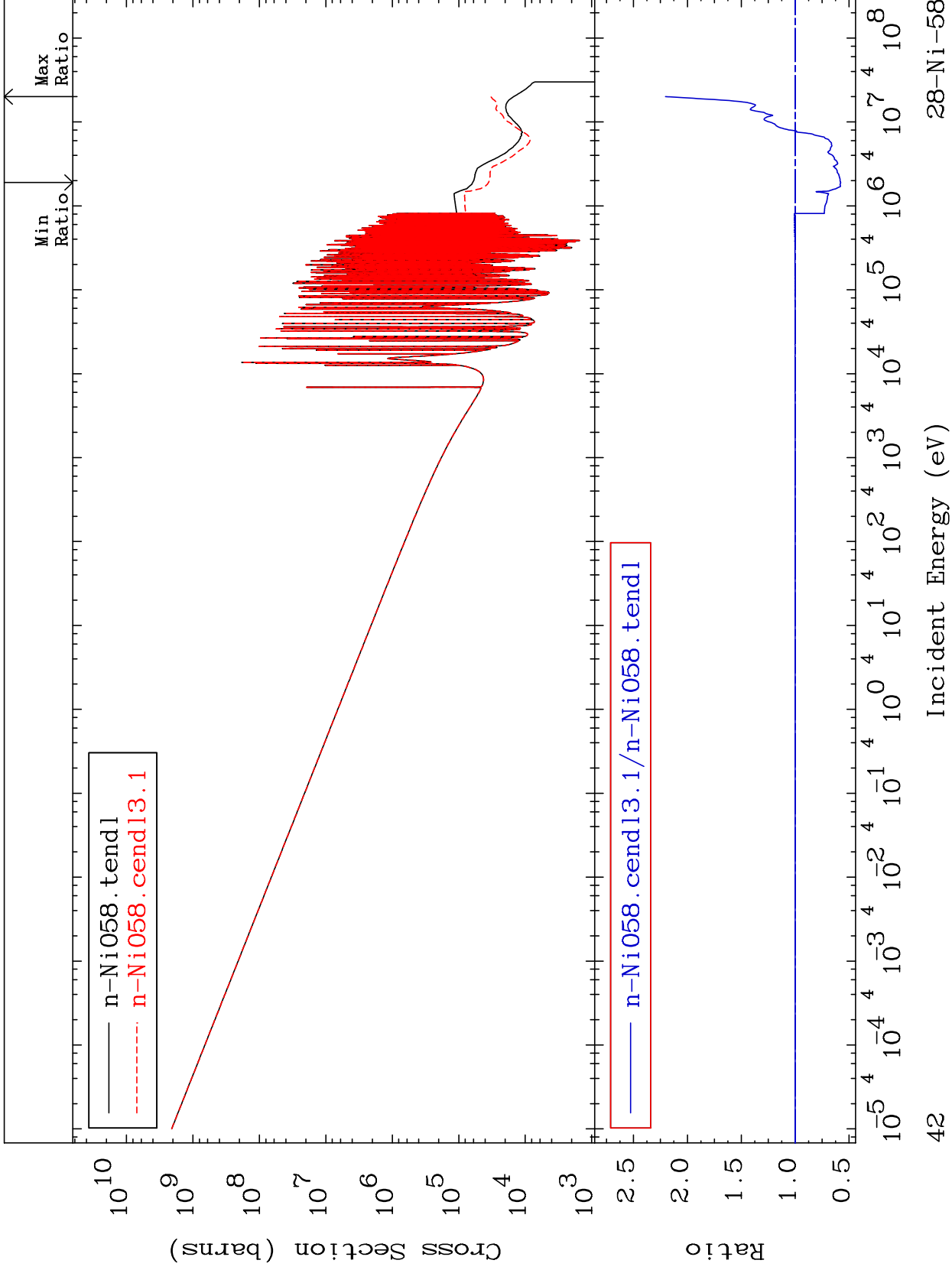


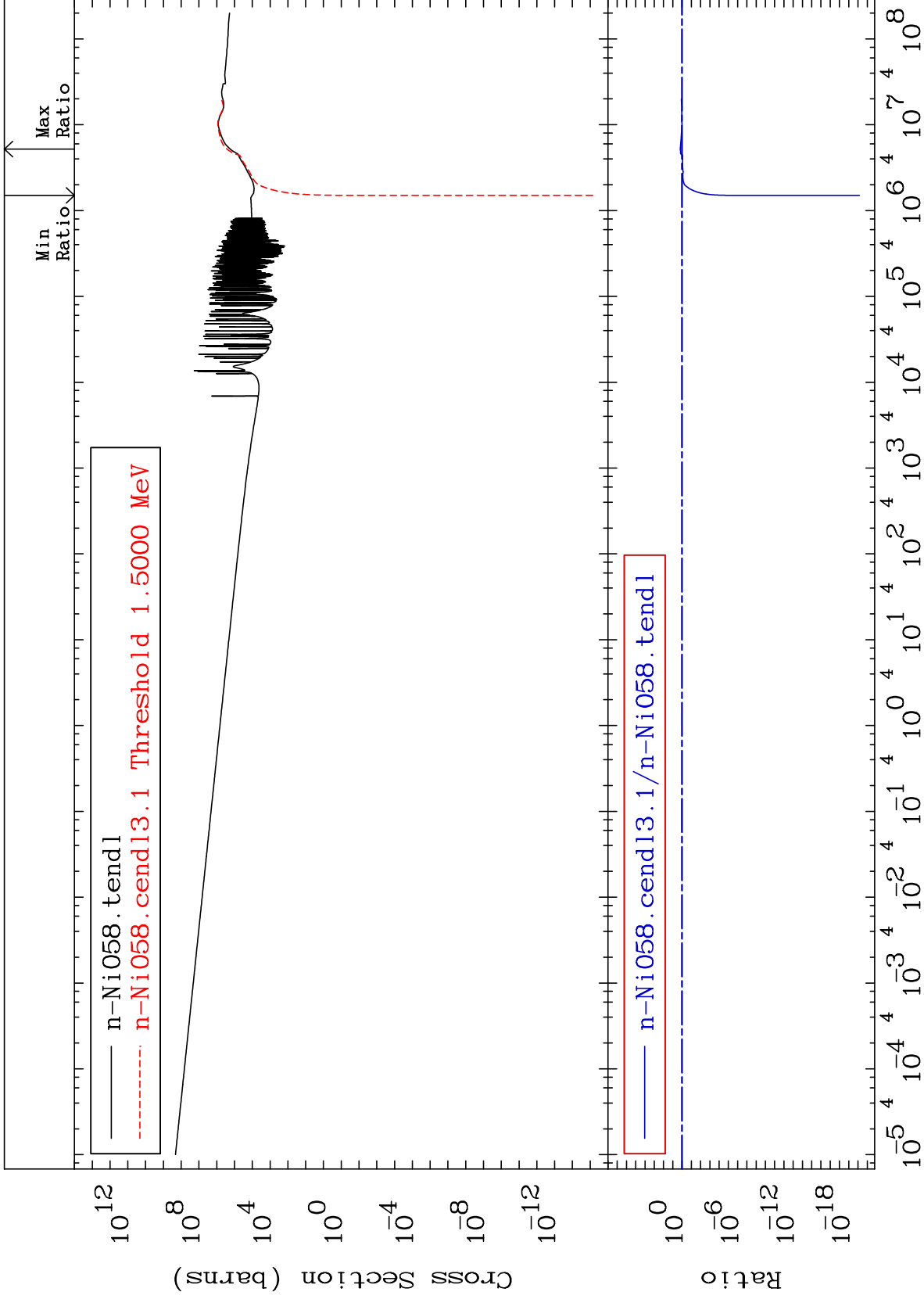


MAT 2825

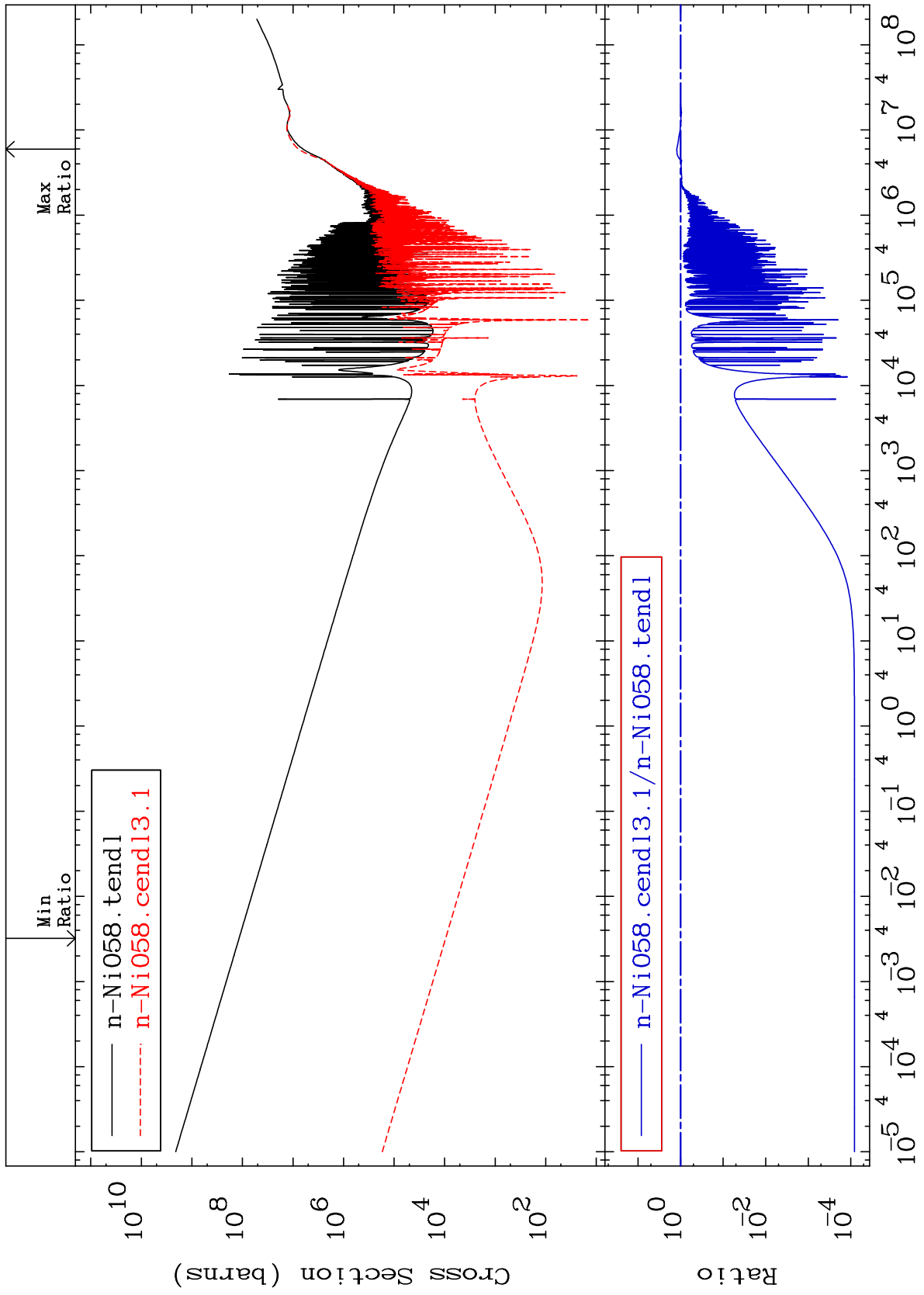
Kerma capture (mt102)  
Cross Section

28-Ni-58  
-42.25 To 120.3 %





MAT 2825      Total kinematic kerma (high limit)      28-Ni-58  
 Cross Section      -99.99 To 23.00 %



28-Ni-58

Incident Energy (eV)

