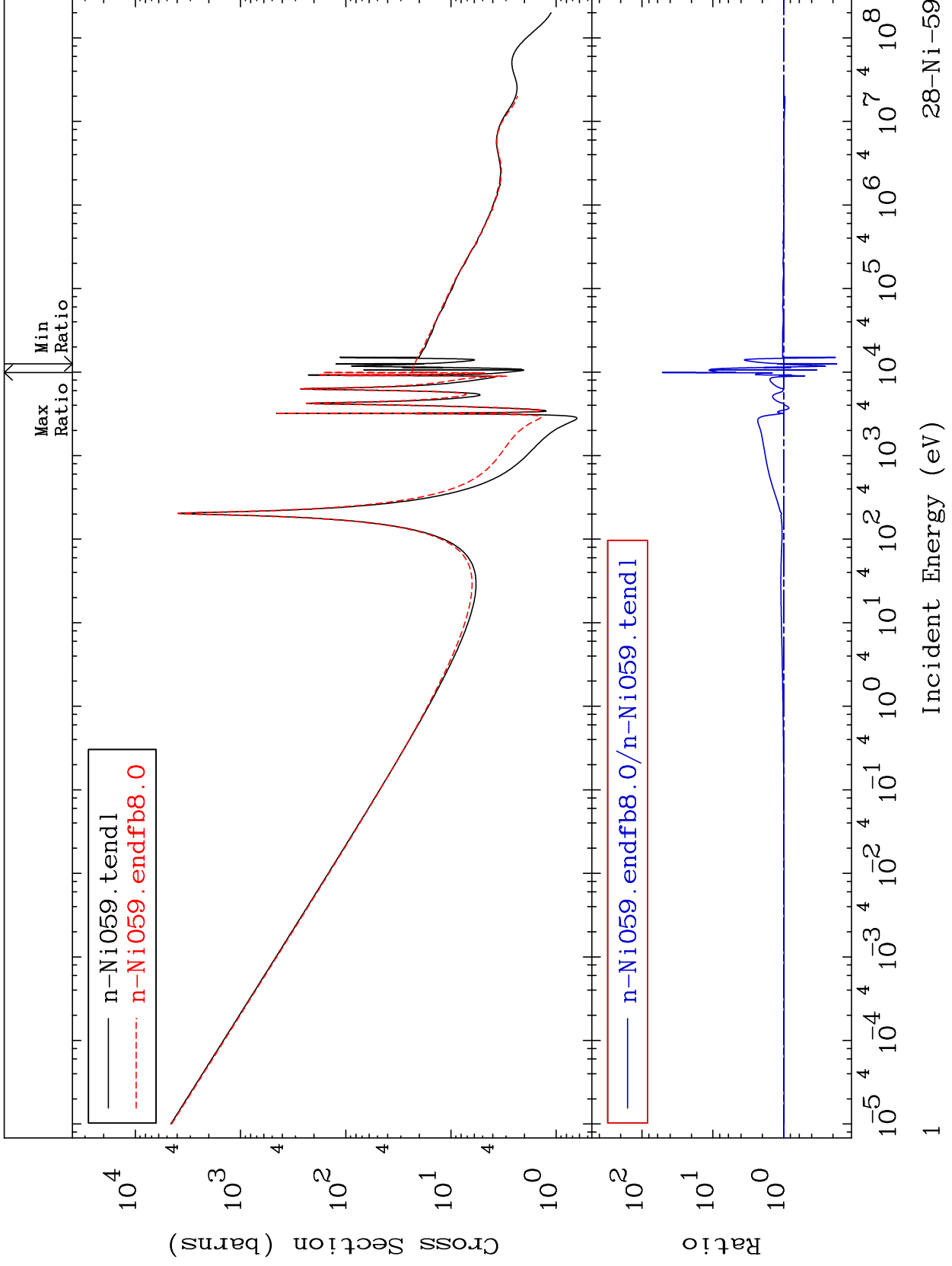


MAT 2828

Total  
Cross Section

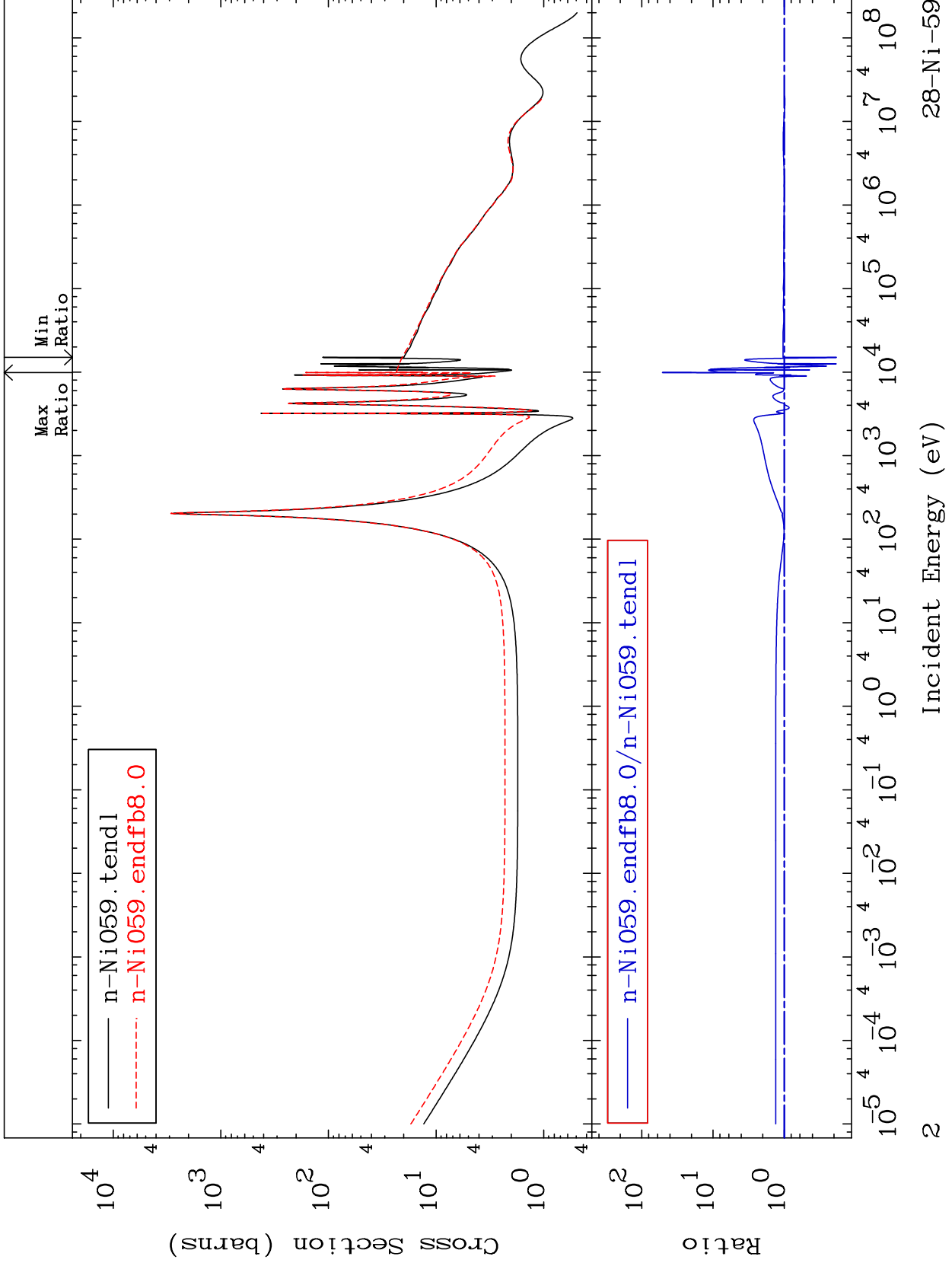
28-Ni-59  
-82.21 To 5062. %



MAT 2828

Elastic  
Cross Section

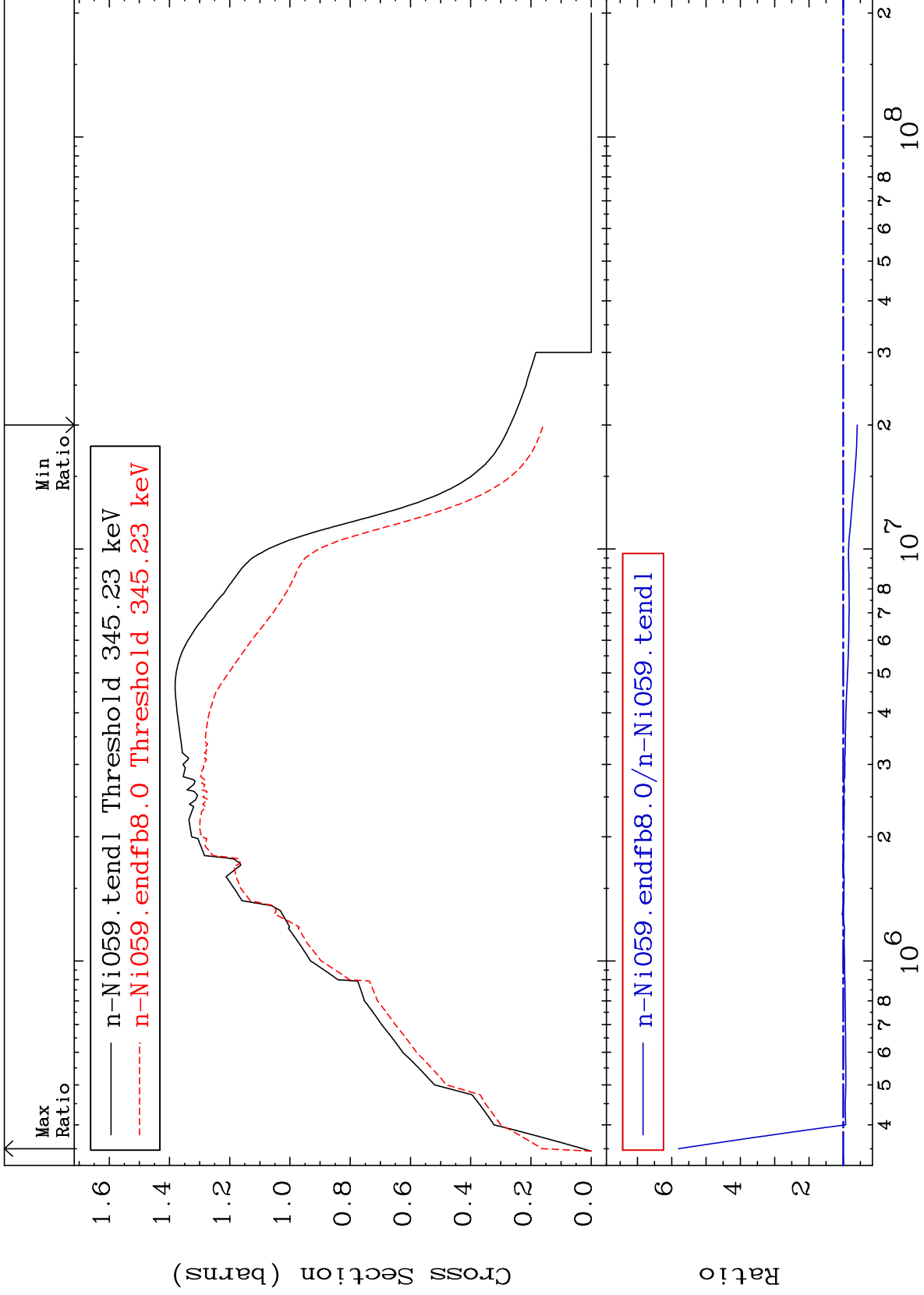
28-Ni-59  
-81.66 To 5040. %



MAT 2828

Inelastic  
Cross Section

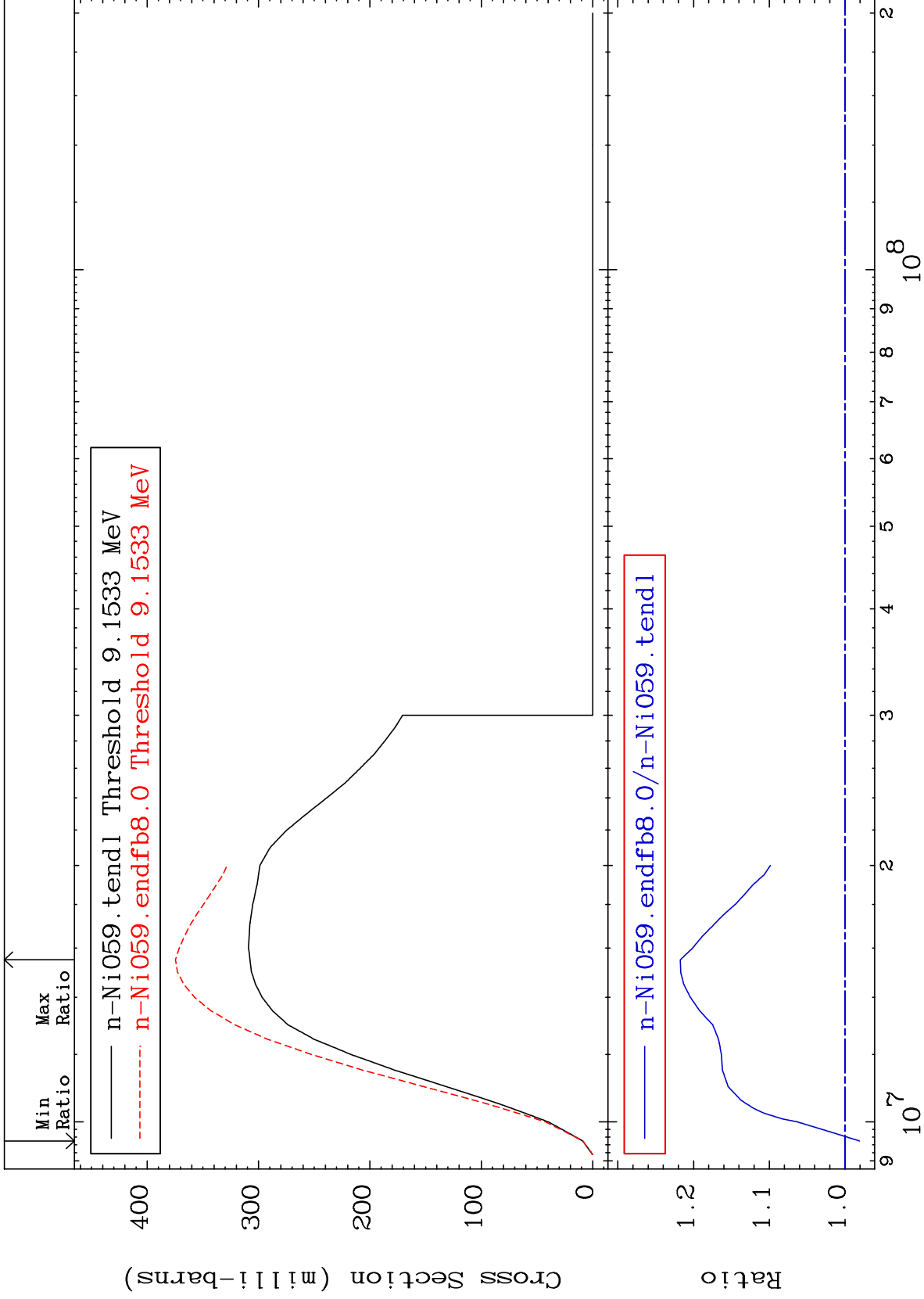
28-Ni-59  
-40.92 To 479.6 %



MAT 2828

(n,2n)  
Cross Section

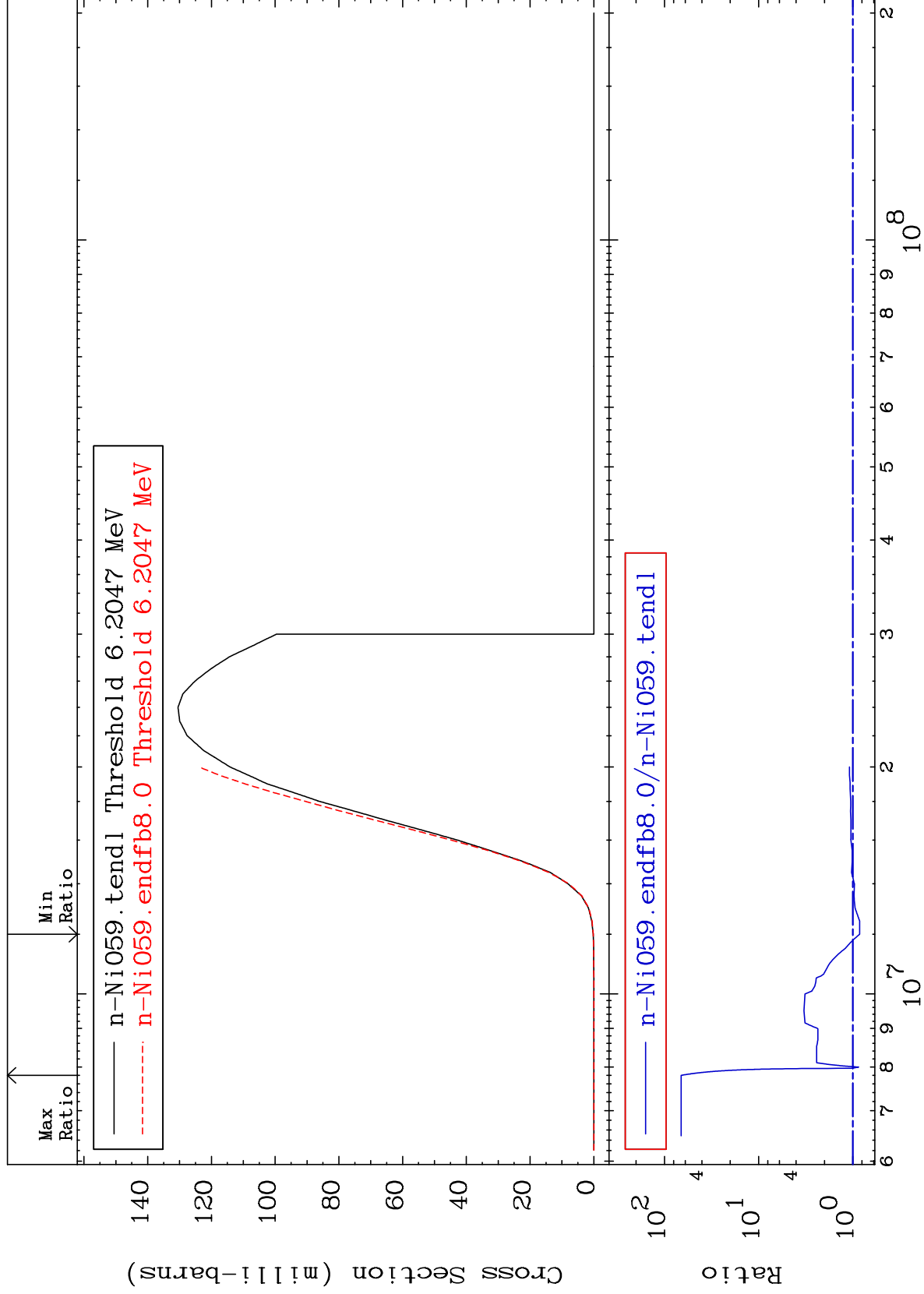
28-Ni-59  
-1.909 To 21.74 %



4

28-Ni-59

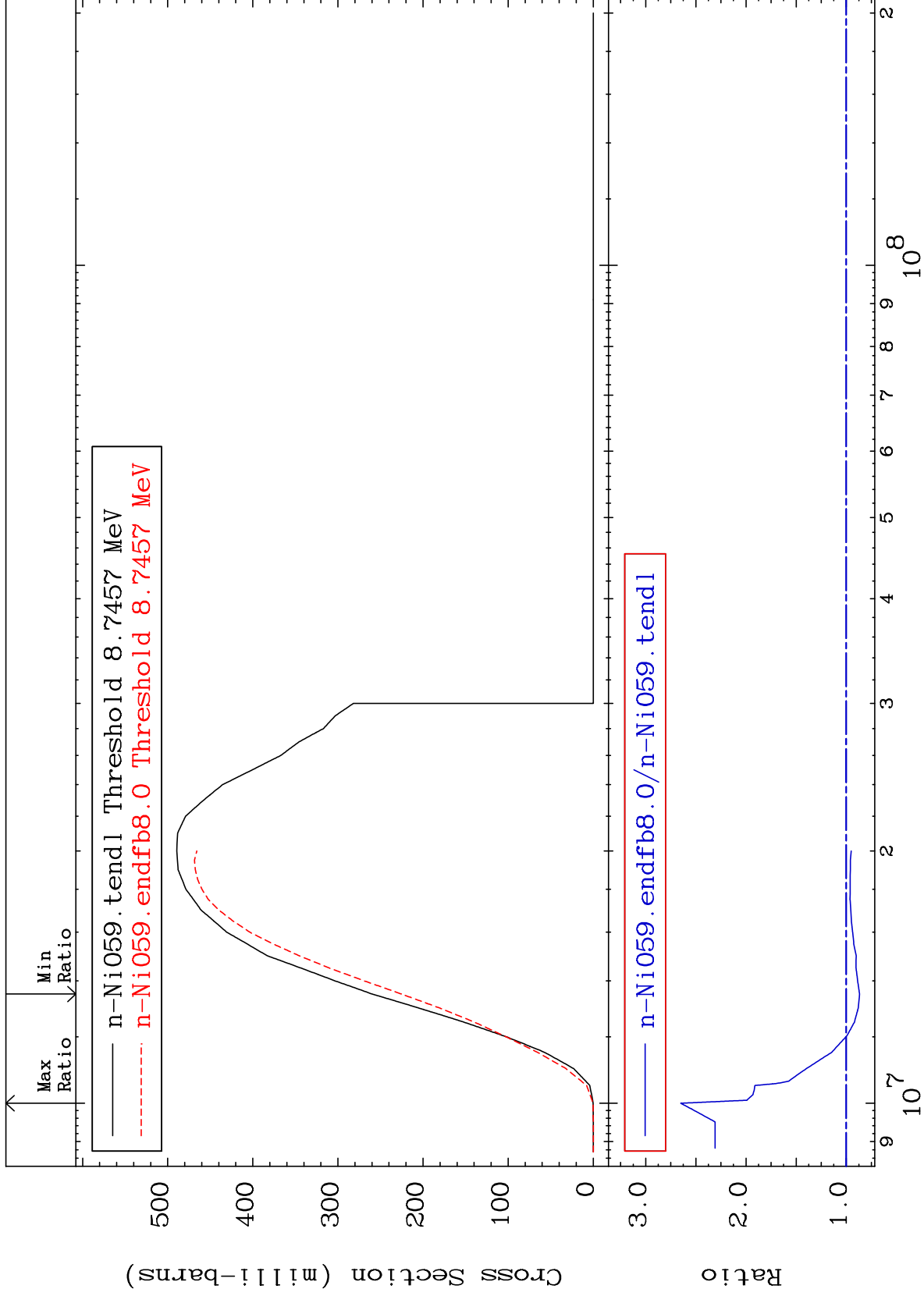
28-Ni-59



MAT 2828

(n,n') p  
Cross Section

28-Ni-59  
-13.20 To 165.0 %



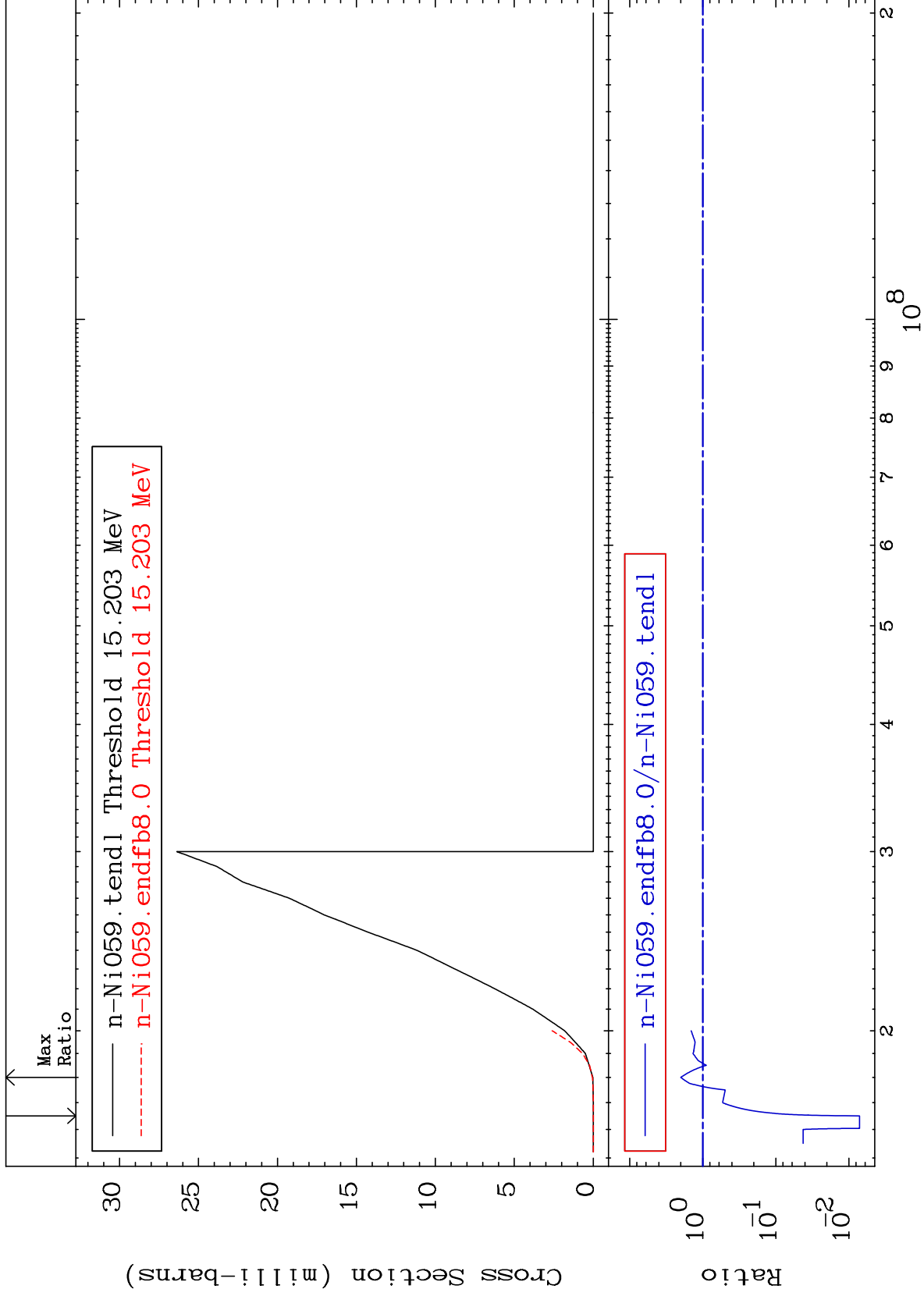
28-Ni-59

28-Ni-59

MAT 2828

(n,n') d  
Cross Section

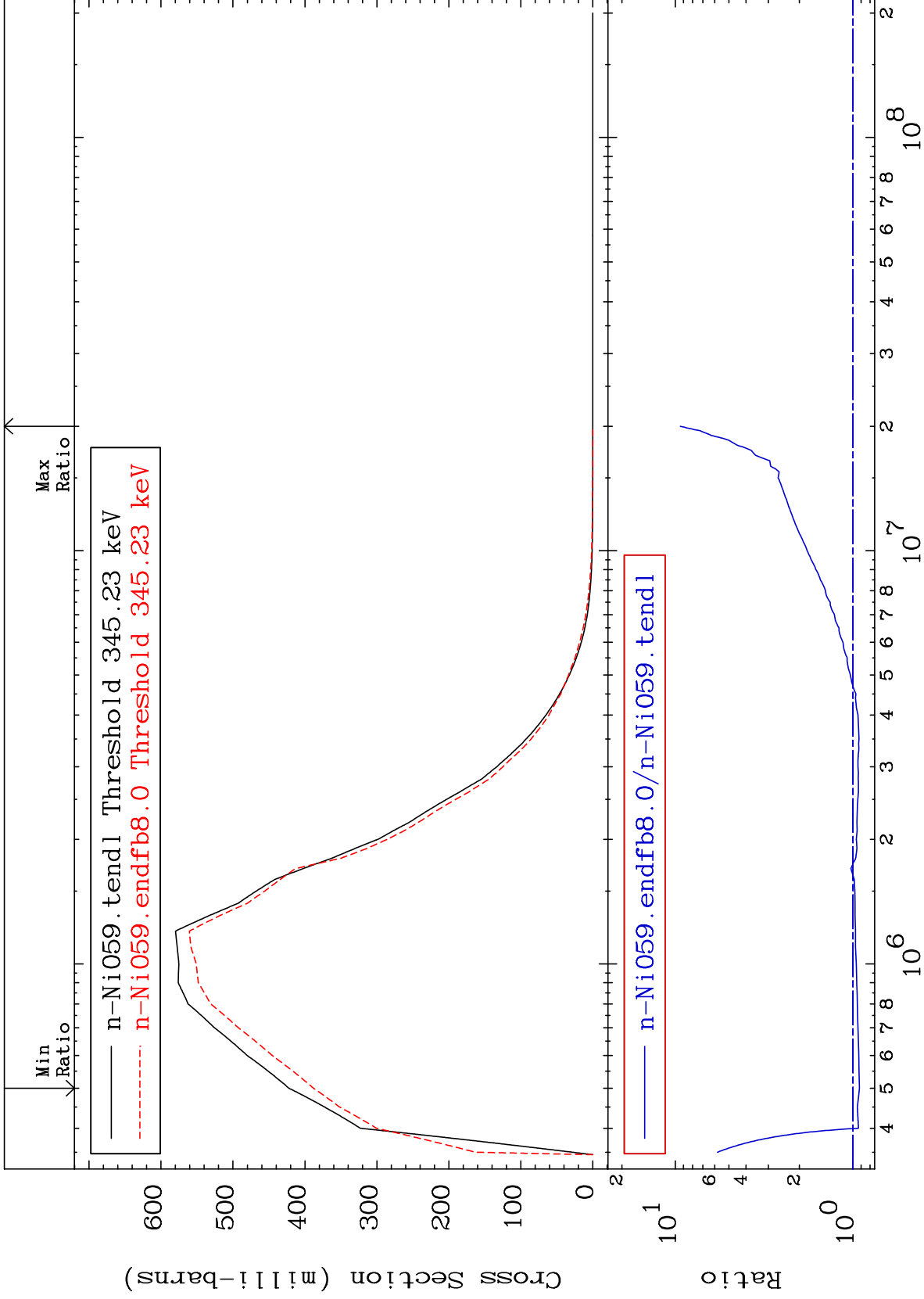
28-Ni-59  
-99.28 To 99.94 %



MAT 2828

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

28-Ni-59  
-8.096 To 837.5 %



8

Incident Energy (eV)

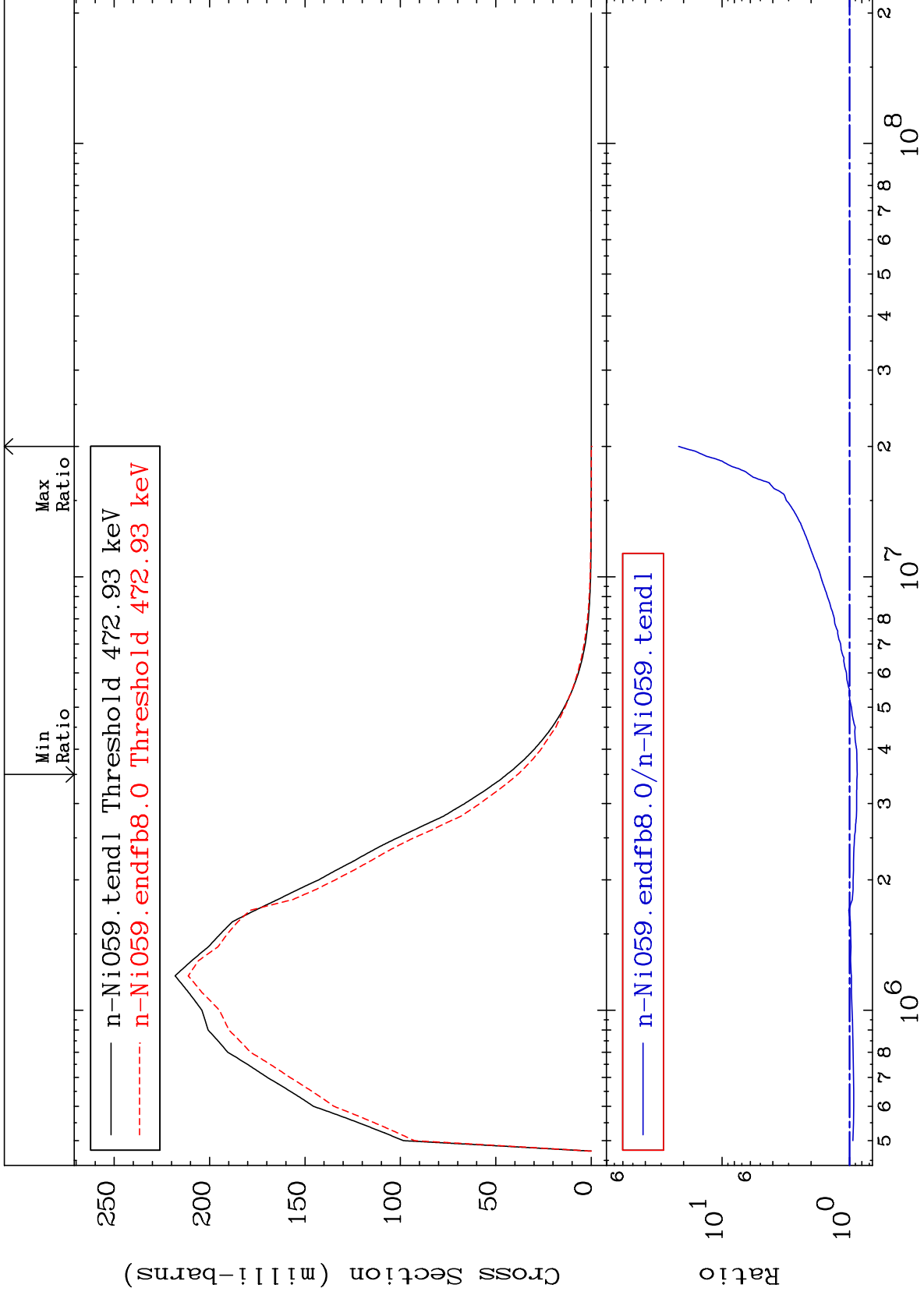
28-Ni-59



MAT 2828

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

28-Ni-59  
-12.98 To 2088. %



9

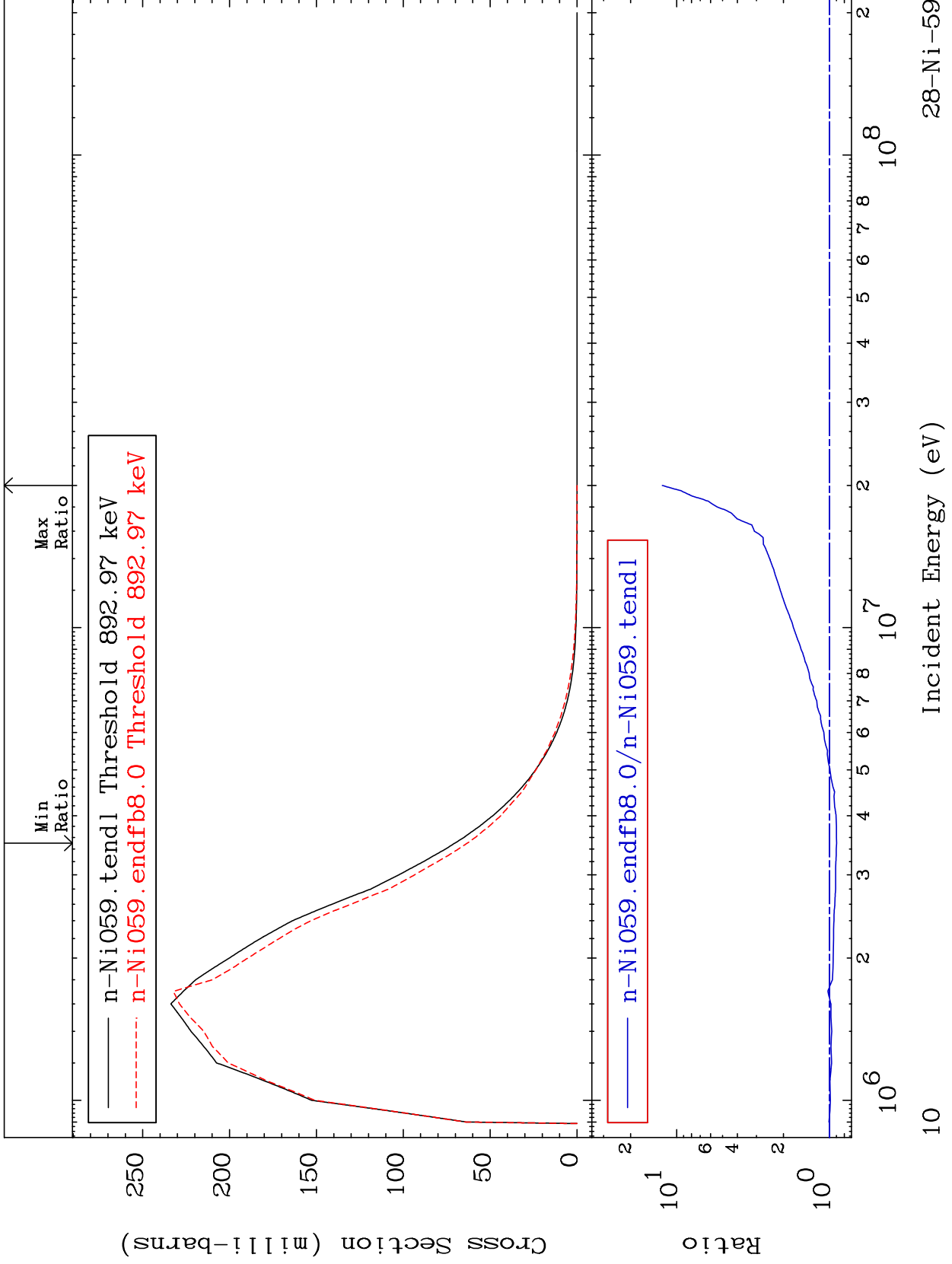
Incident Energy (eV)

28-Ni-59

MAT 2828

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

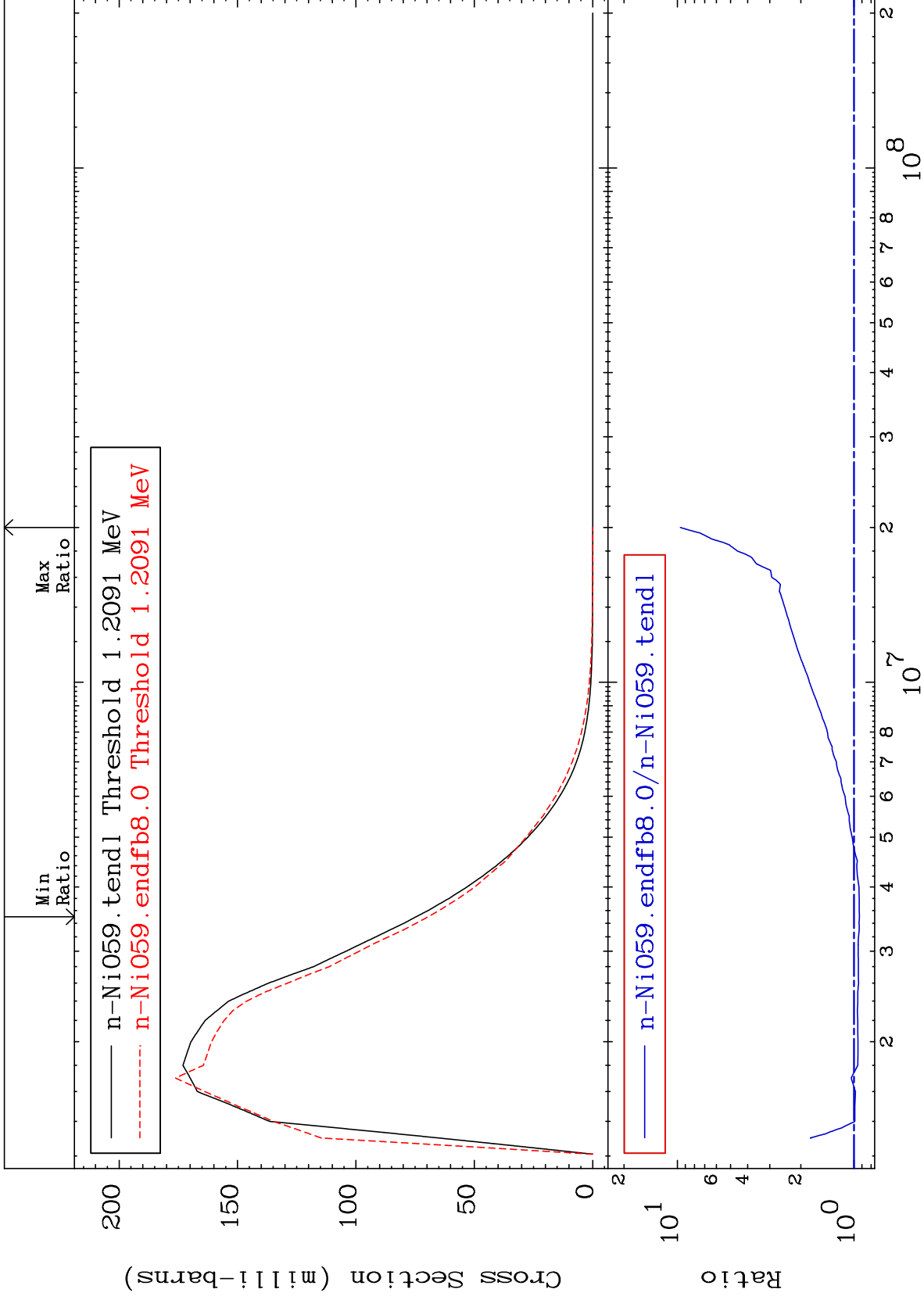
28-Ni-59  
-10.26 To 1141. %



MAT 2828

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

28-Ni-59  
-6.898 To 860.9 %



11

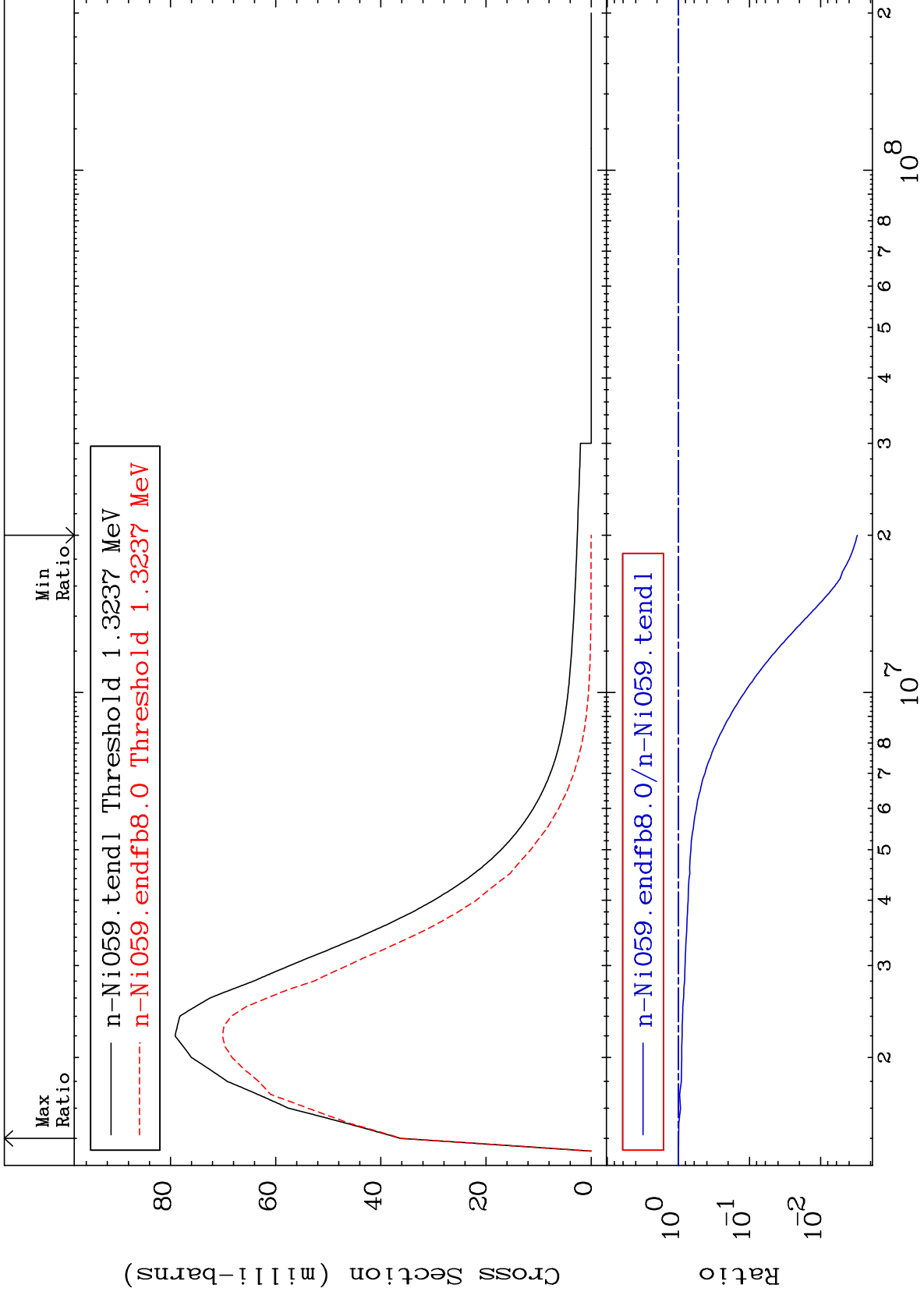
Incident Energy (eV)

28-Ni-59

MAT 2828

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

28-Ni-59  
-99.69 To -0.520%



12

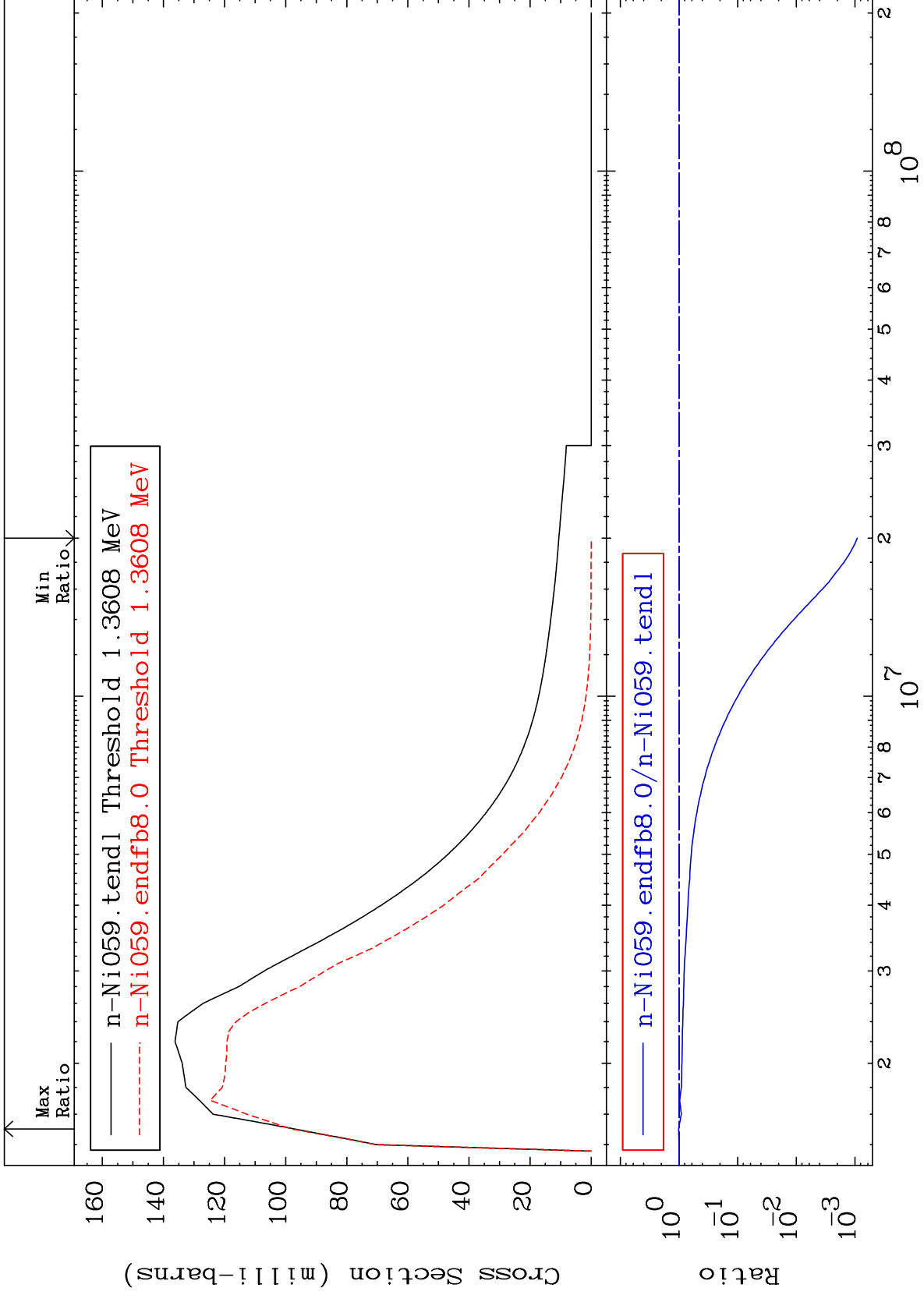
Incident Energy (eV)

28-Ni-59

MAT 2828

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

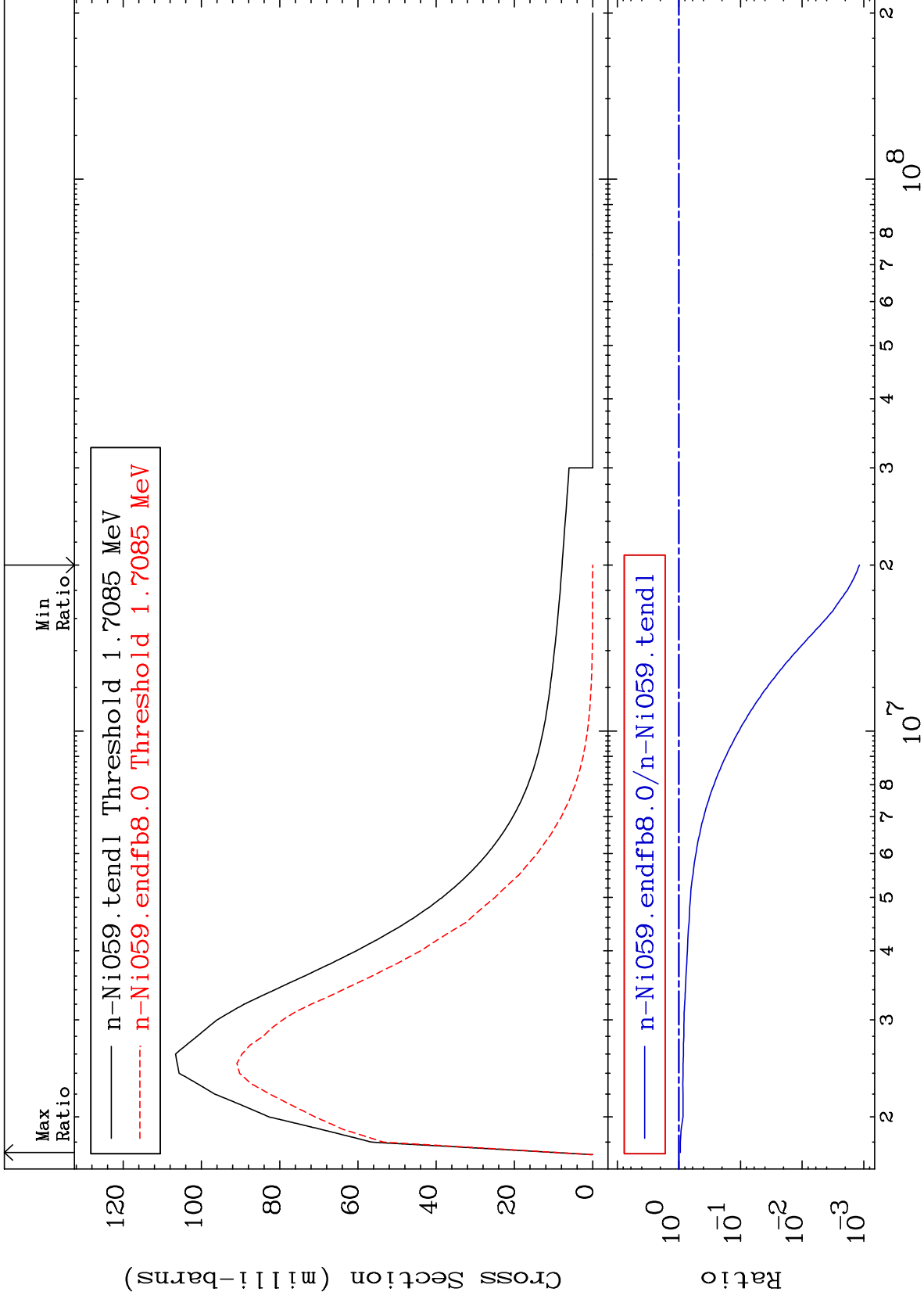
28-Ni-59  
-99.91 To 1.224 %



MAT 2828

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

28-Ni-59  
-99.88 To -5.375%



14

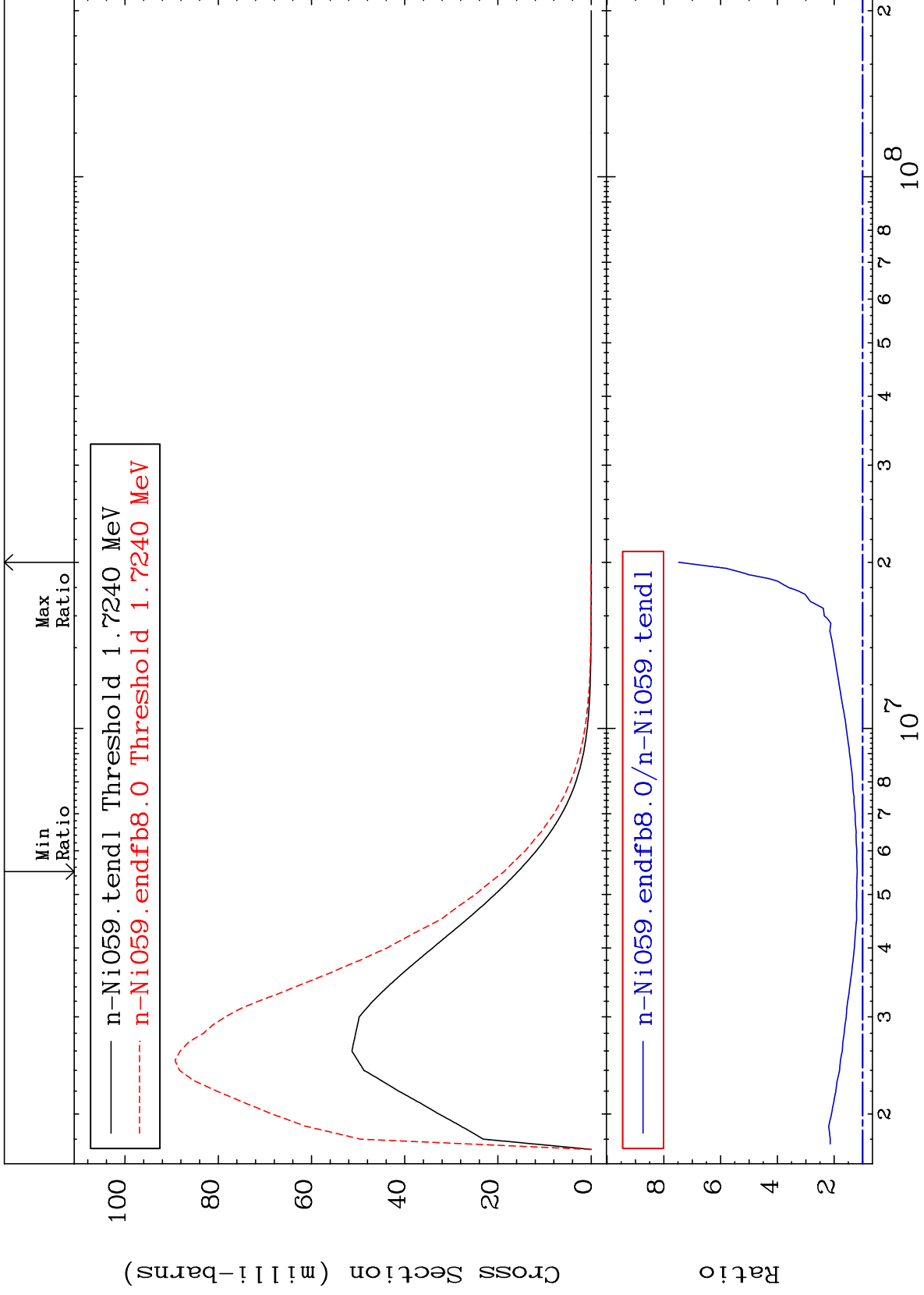
Incident Energy (eV)

28-Ni-59

MAT 2828

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

28-Ni-59  
18.83 To 647.9 %



15

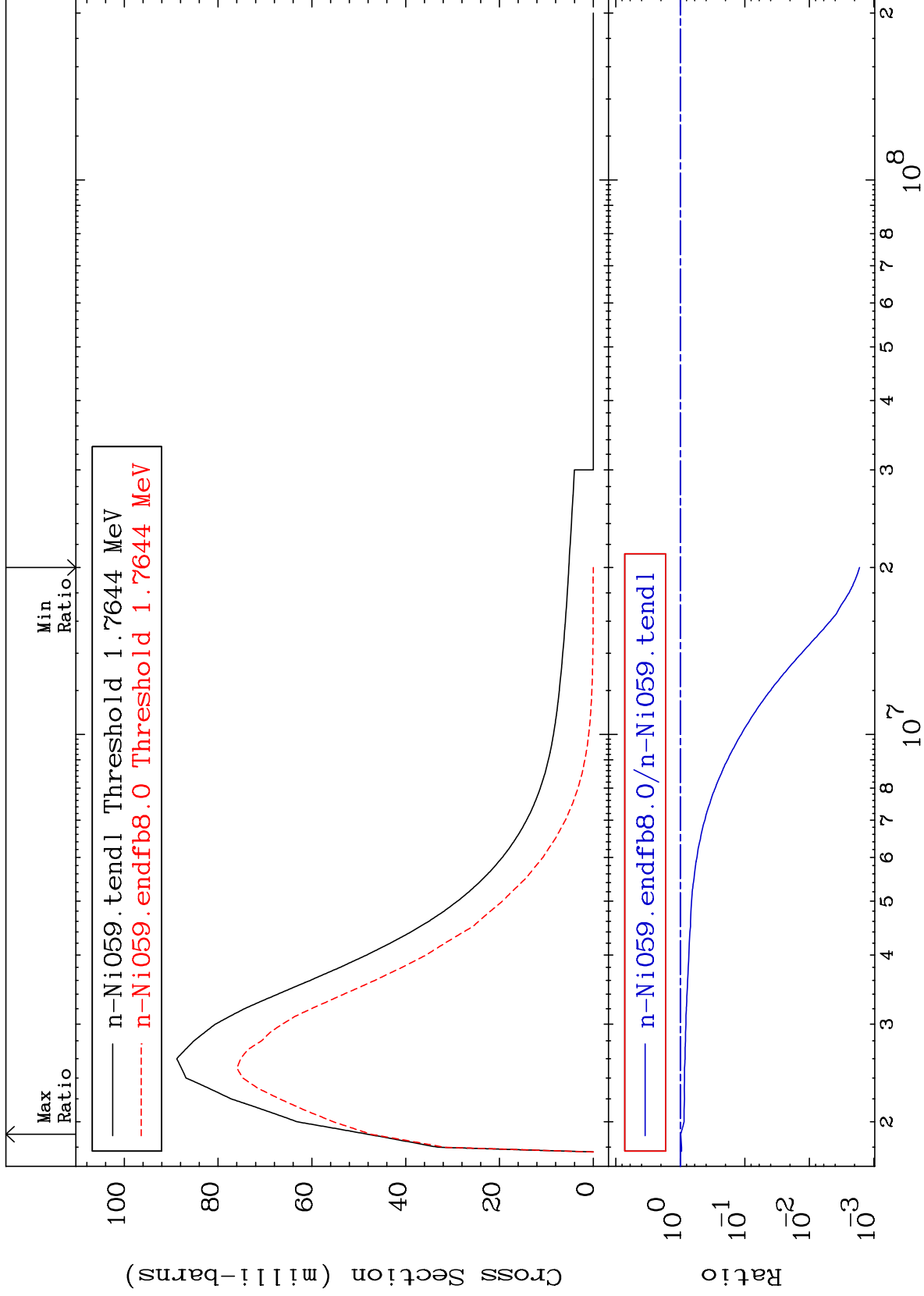
Incident Energy (eV)

28-Ni-59

MAT 2828

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

28-Ni-59  
-99.83 To -1.378%



16

Incident Energy (eV)

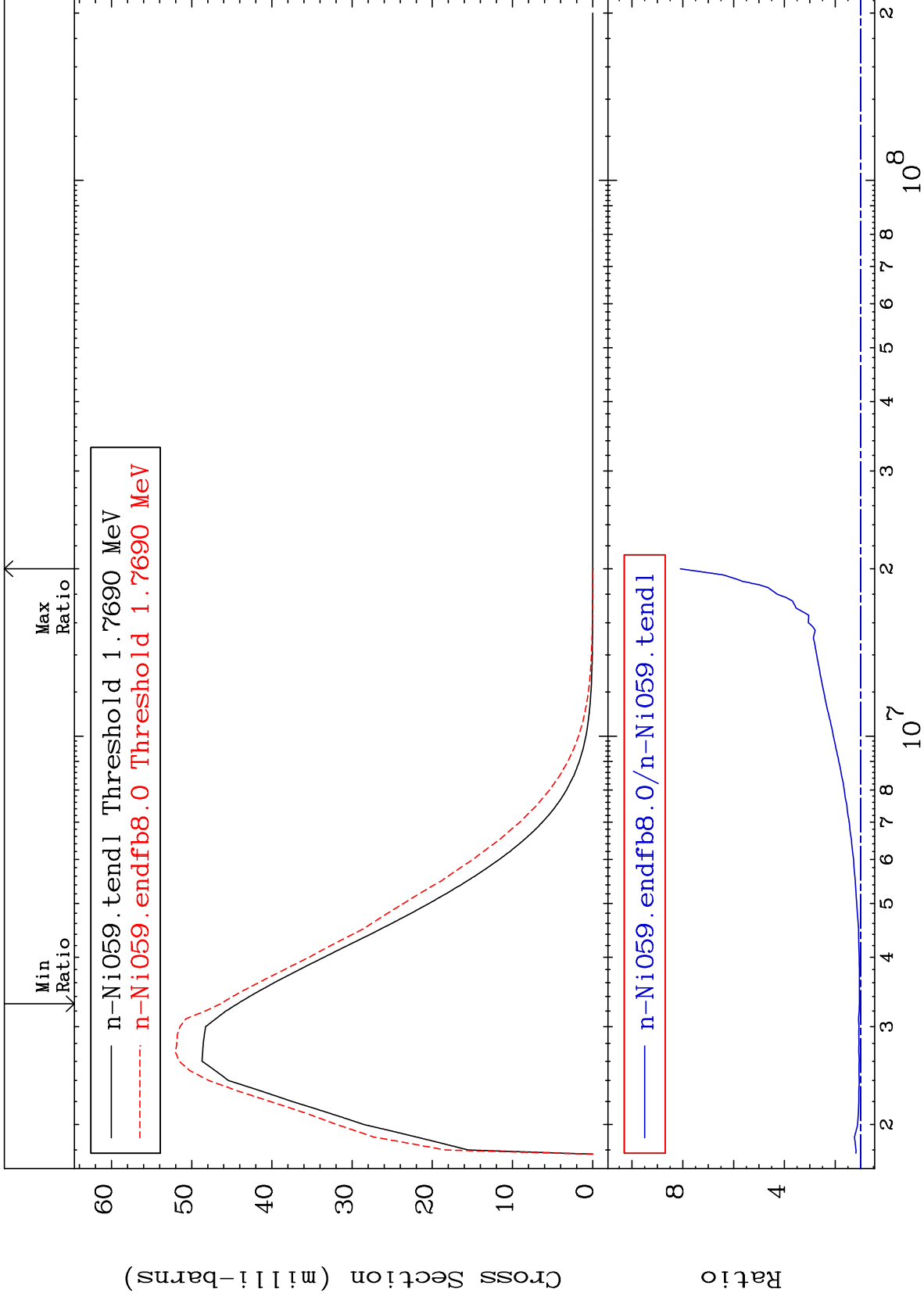
28-Ni-59



MAT 2828

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

28-Ni-59  
4.718 To 709.7 %



17

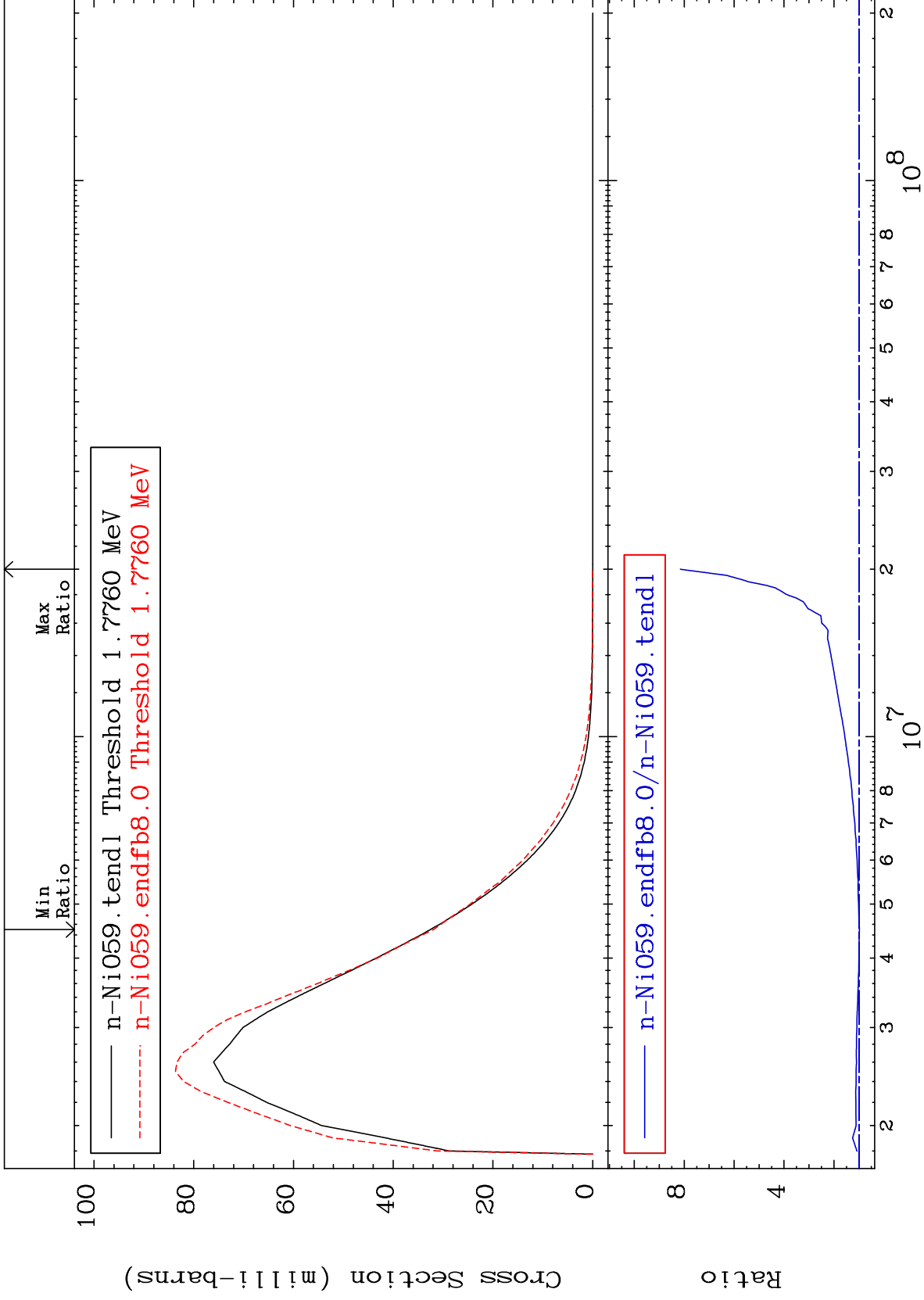
Incident Energy (eV)

28-Ni-59

MAT 2828

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

28-Ni-59  
-2.033 To 715.4 %



18

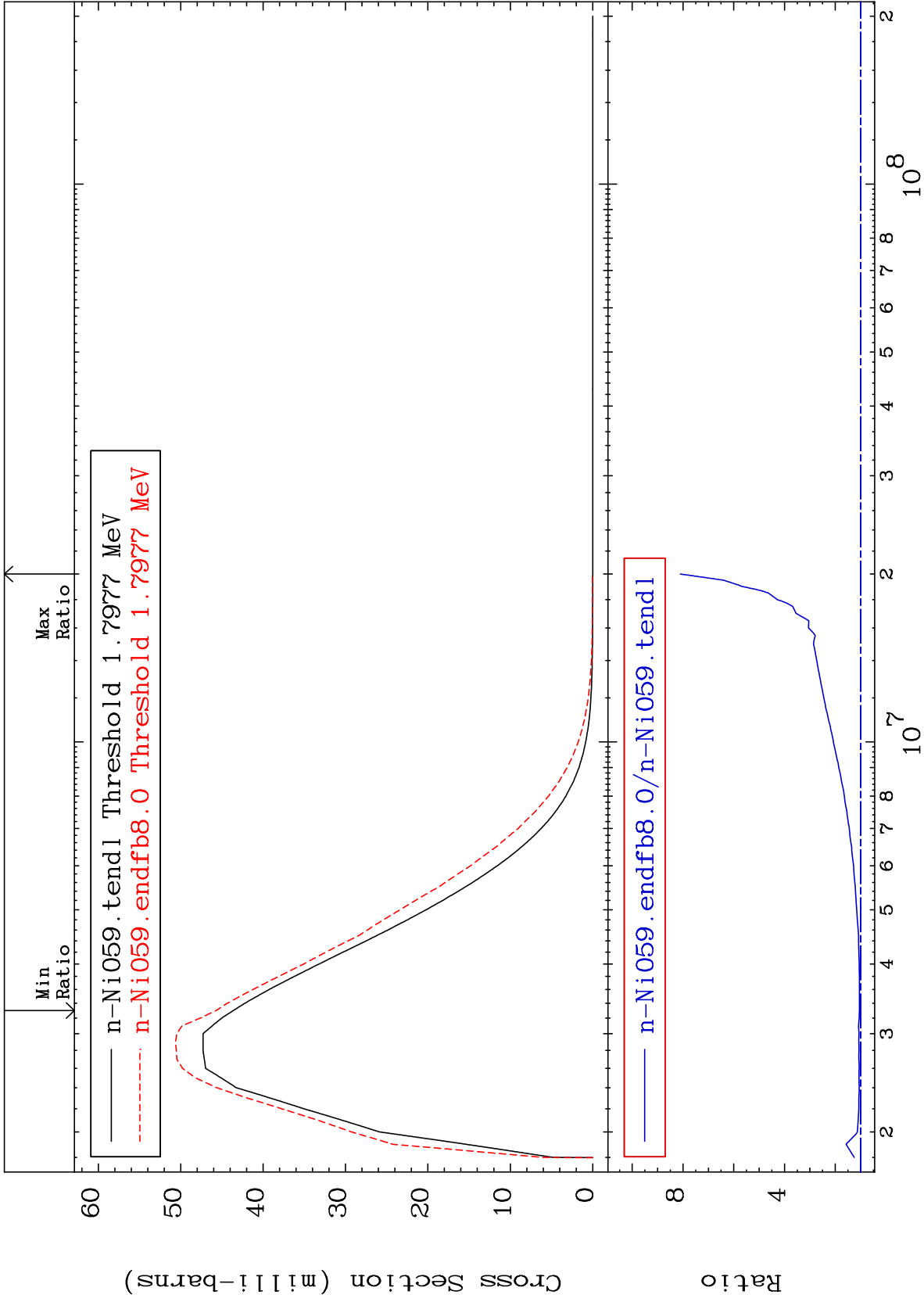
Incident Energy (eV)

28-Ni-59

MAT 2828

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

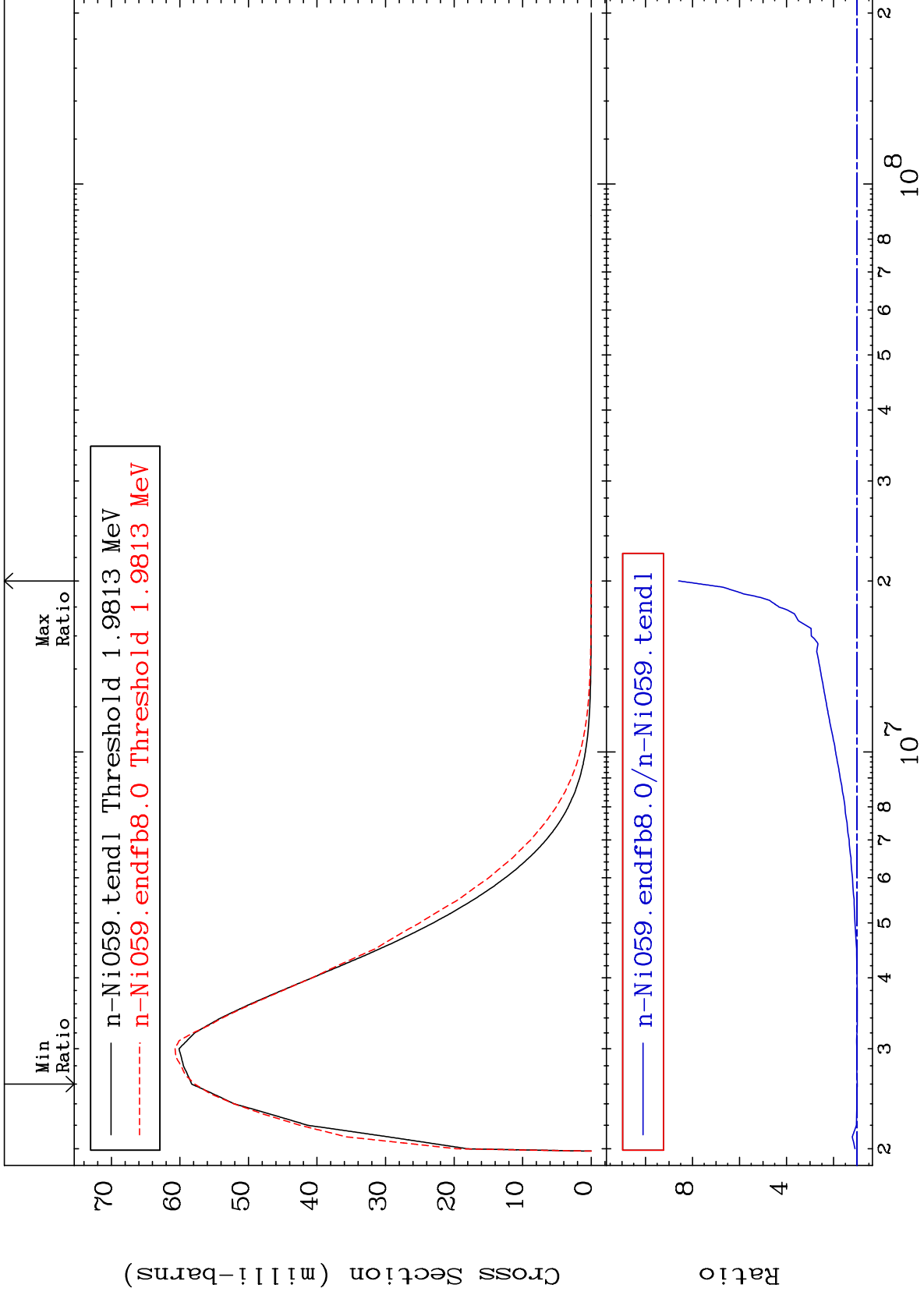
28-Ni-59  
4.795 To 710.4 %



MAT 2828

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

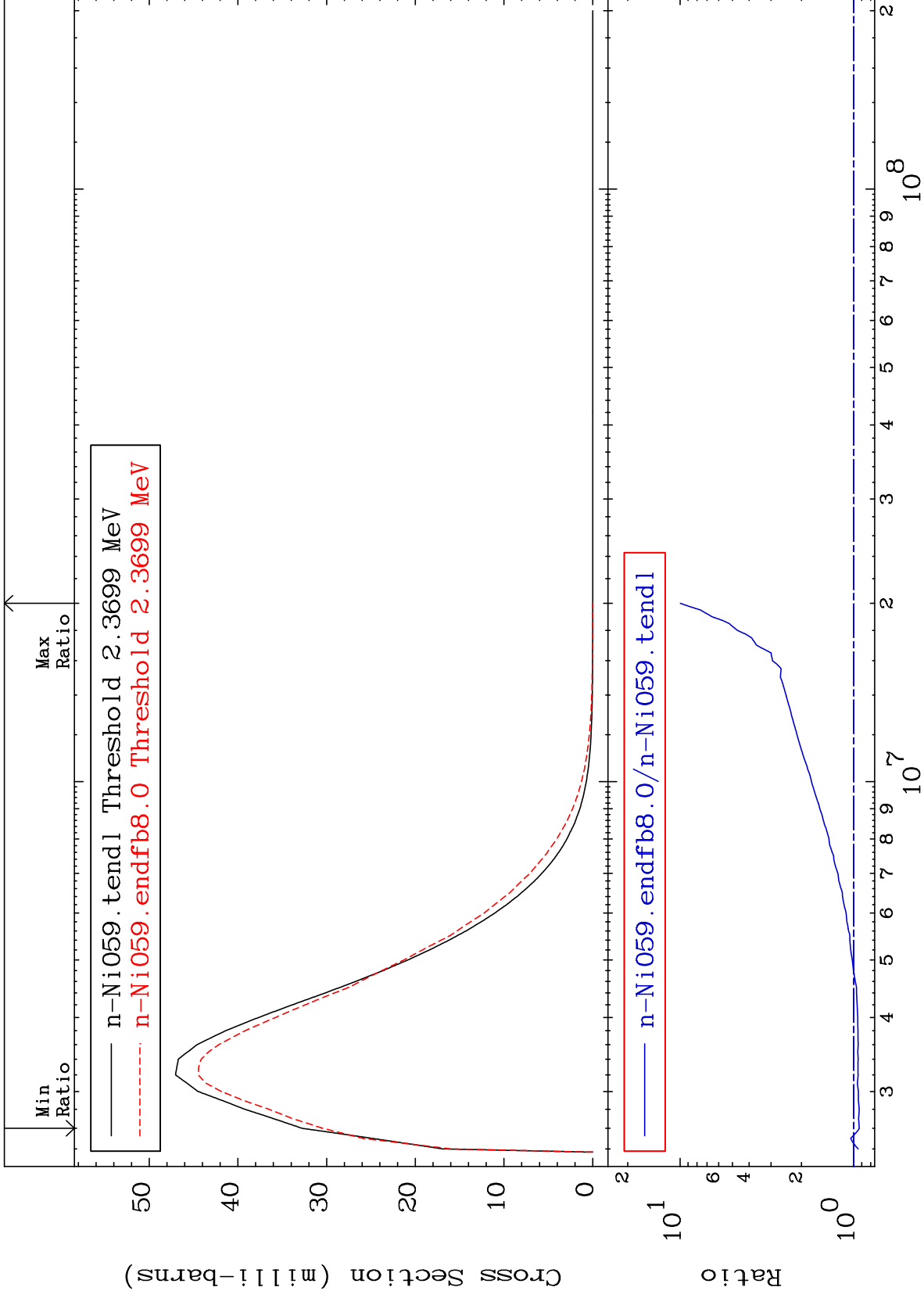
28-Ni-59  
-0.750 To 758.8 %



MAT 2828

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

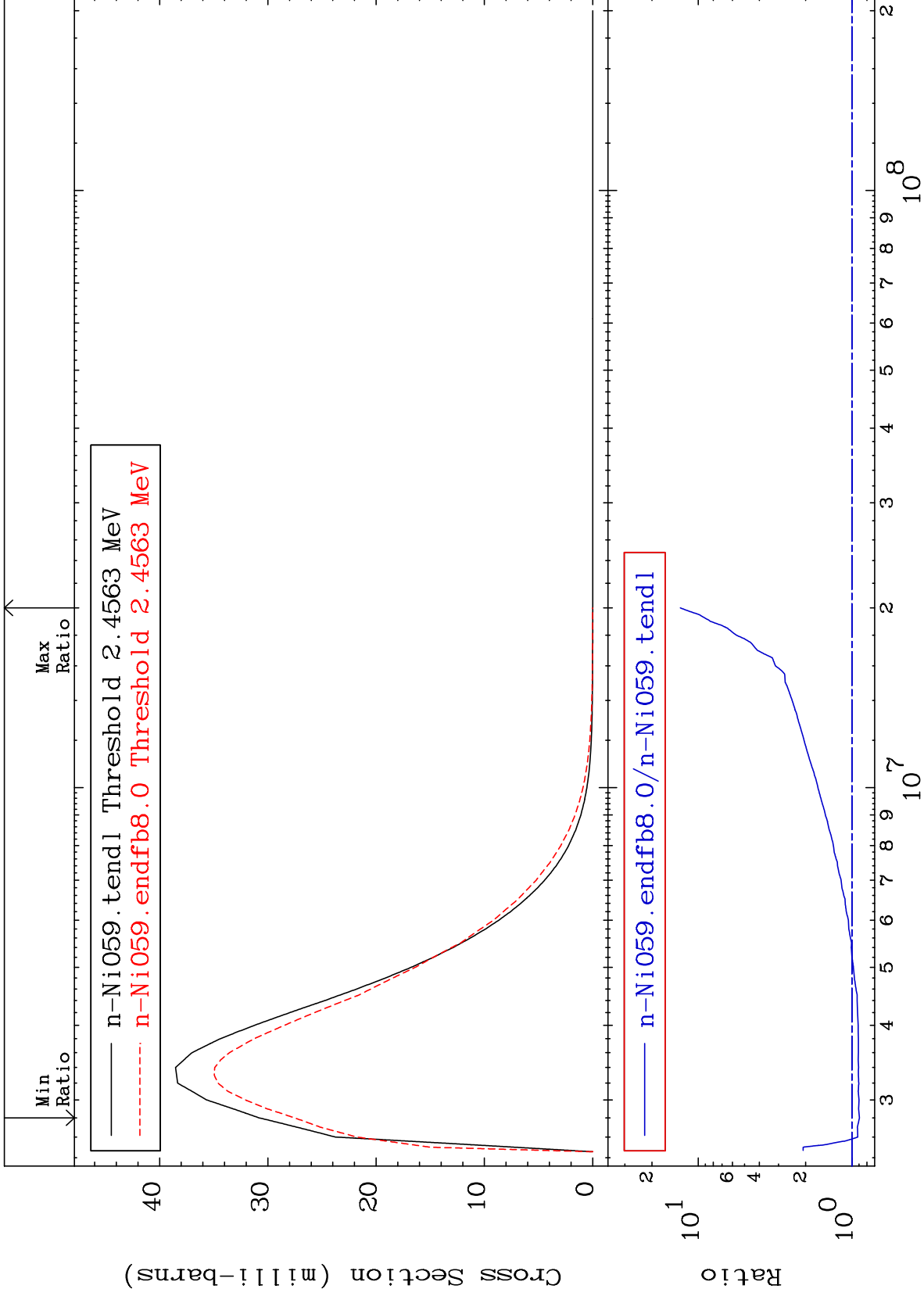
28-Ni-59  
-7.137 To 896.1 %



MAT 2828

MT= 65 (n,n') Level  
Cross Section

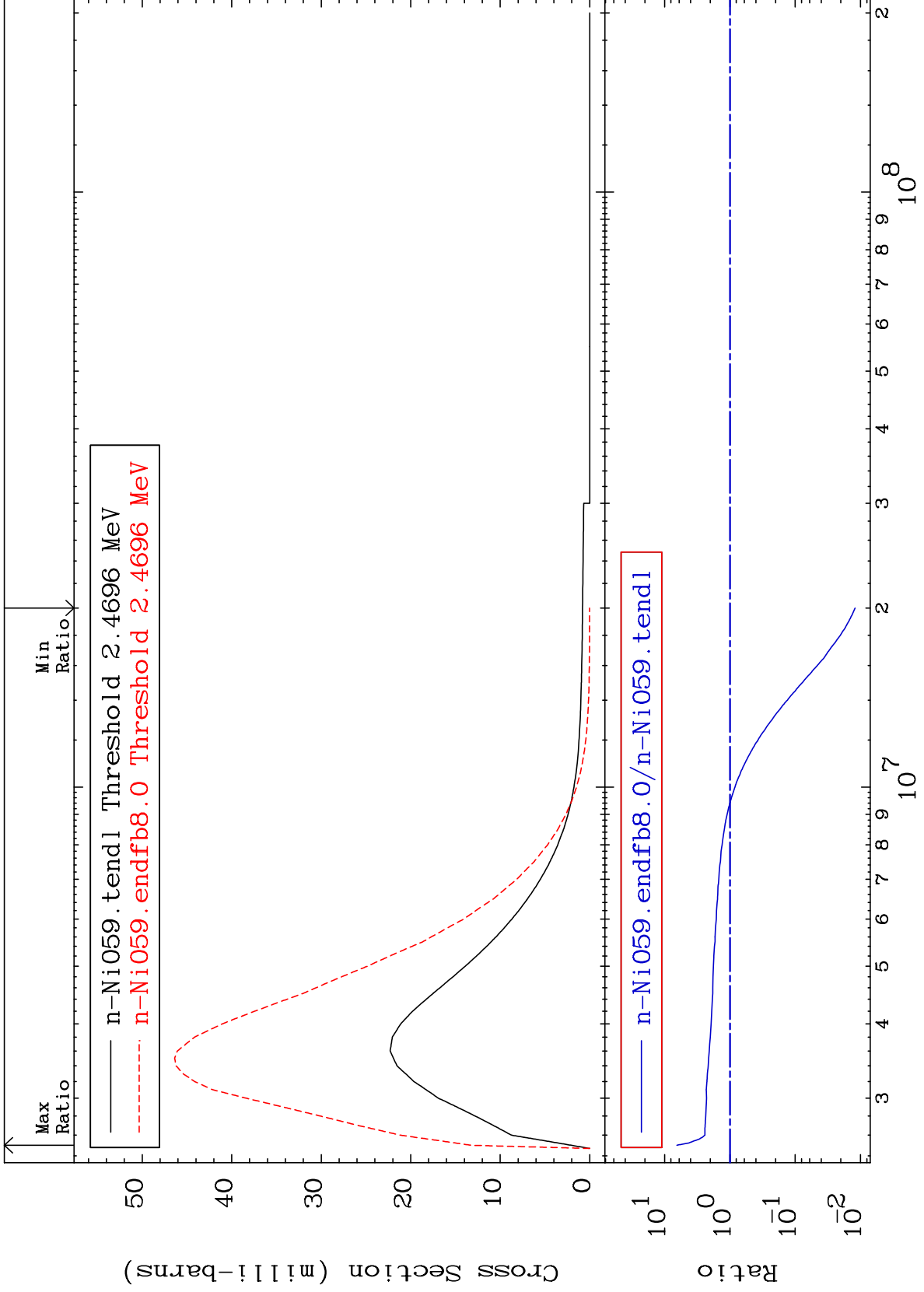
28-Ni-59  
-10.61 To 1208. %



MAT 2828

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

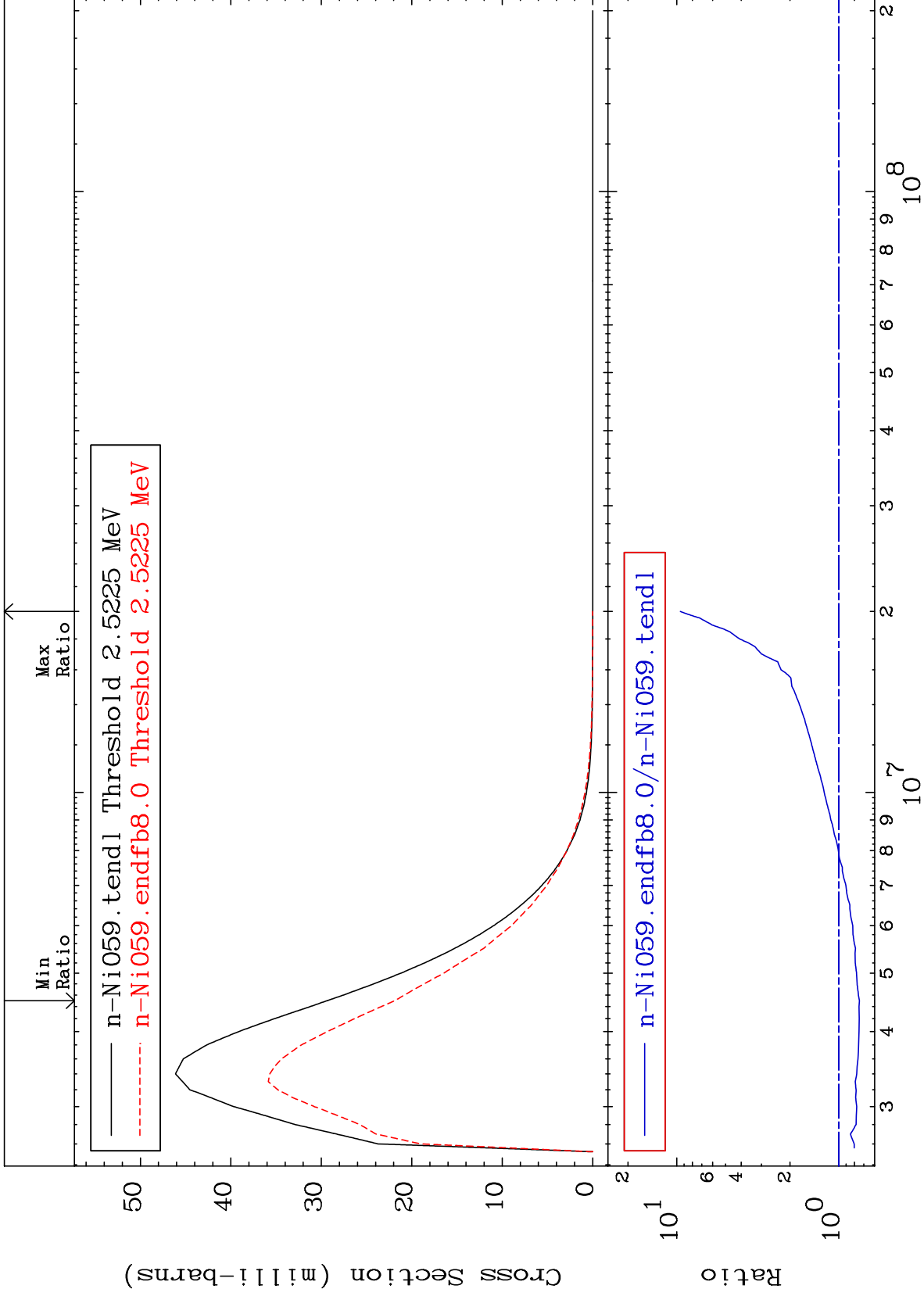
28-Ni-59  
-98.79 To 547.5 %



MAT 2828

MT= 67 (n,n') Level  
Cross Section

28-Ni-59  
-25.48 To 849.1 %

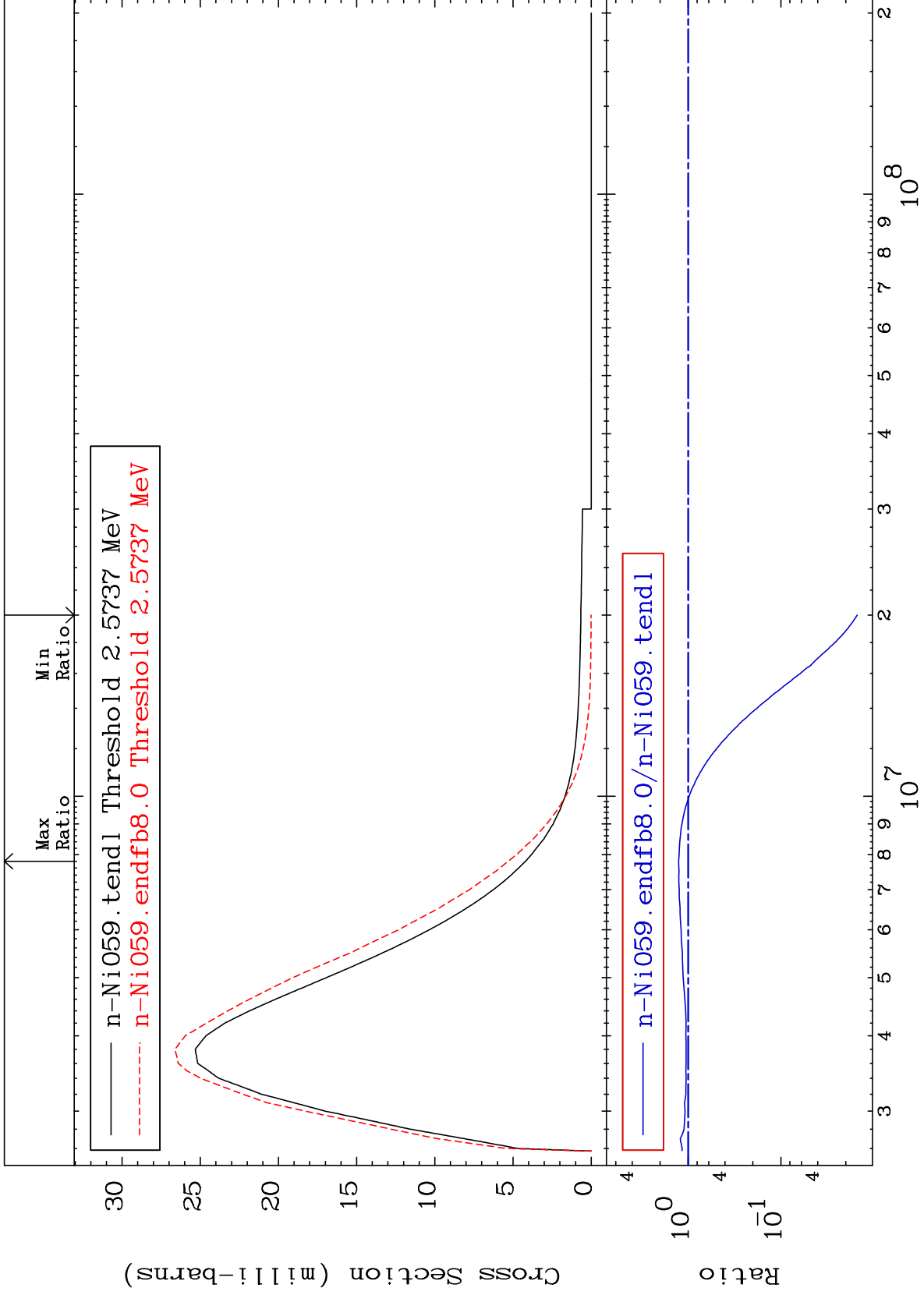




MAT 2828

MT= 68 (n,n') Level  
Cross Section

28-Ni-59  
-98.50 To 26.33 %



25

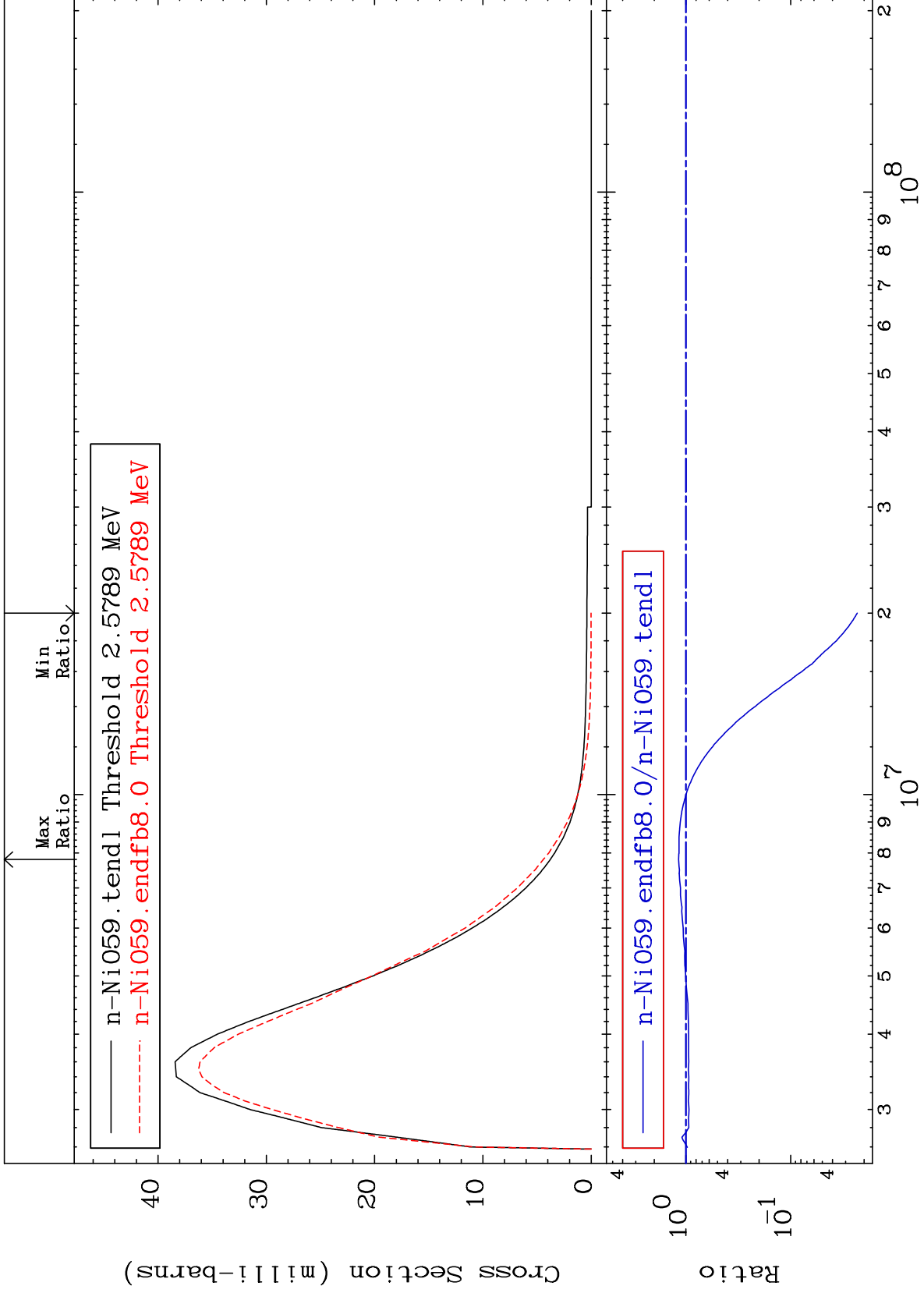
Incident Energy (eV)

28-Ni-59

MAT 2828

MT= 69 (n,n') Level  
Cross Section

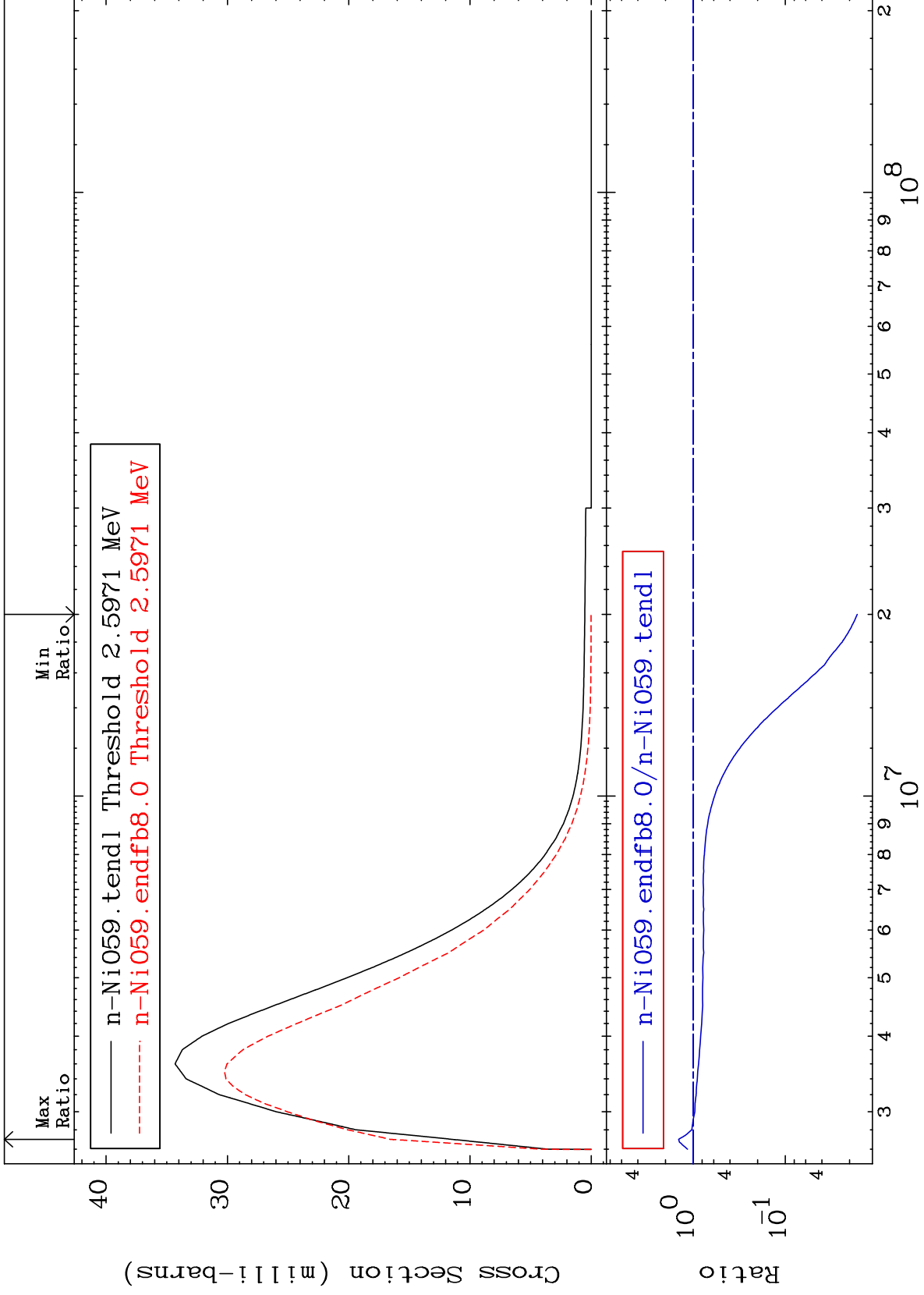
28-Ni-59  
-97.68 To 17.23 %



MAT 2828

MT= 70 (n,n') Level  
Cross Section

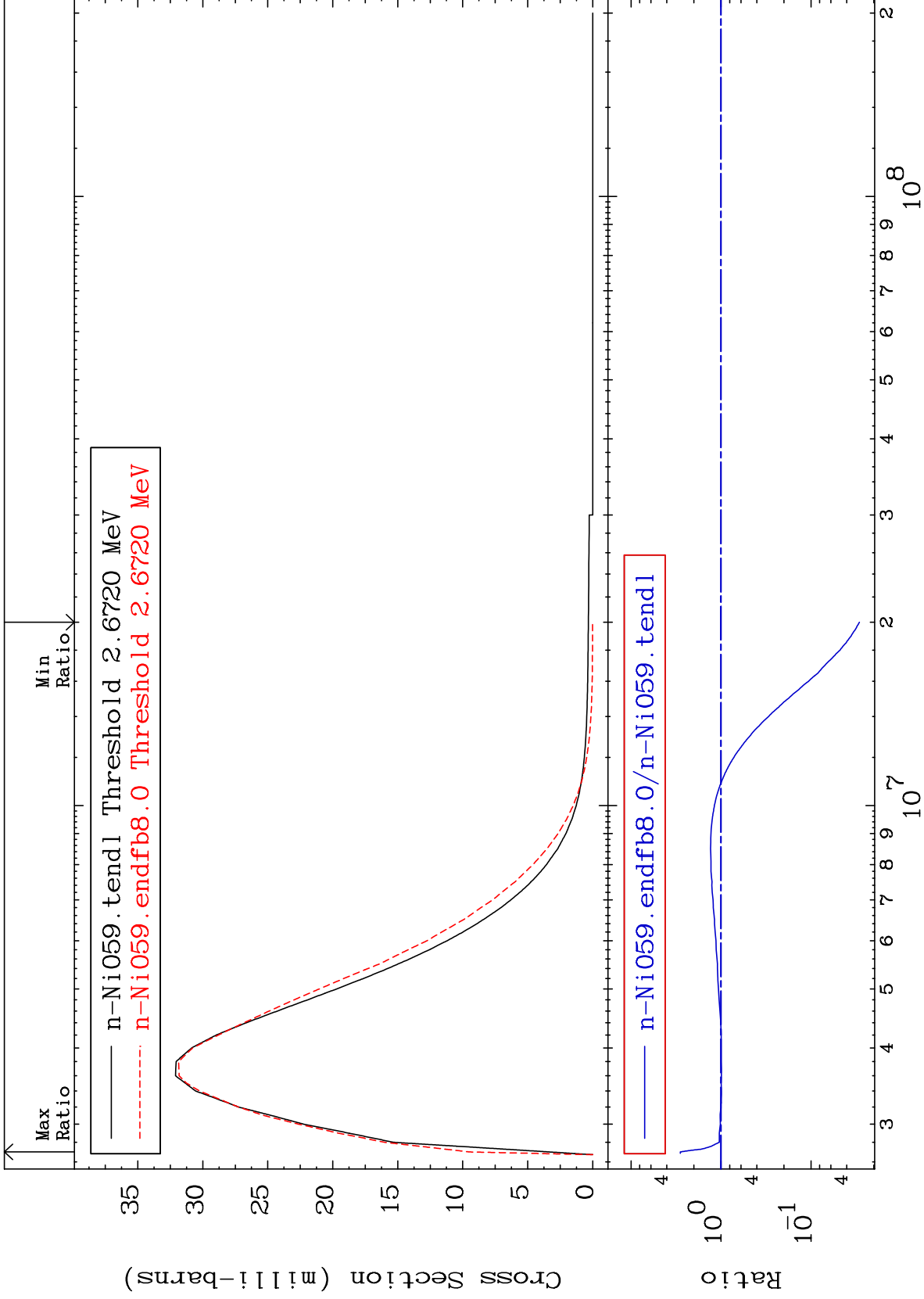
28-Ni-59  
-98.35 To 44.15 %

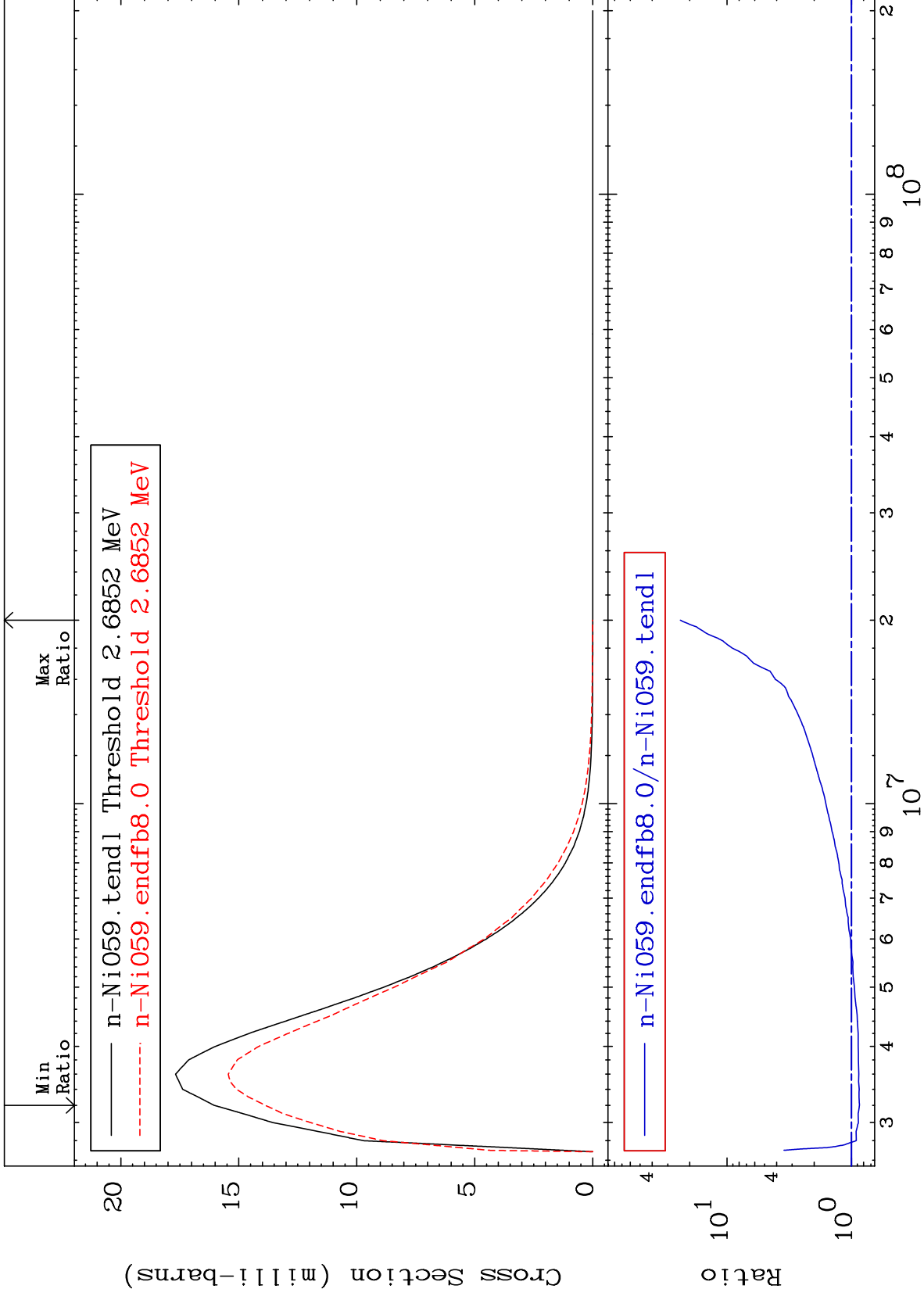


MAT 2828

MT= 71 (n,n') Level  
Cross Section

28-Ni-59  
-97.11 To 182.9 %

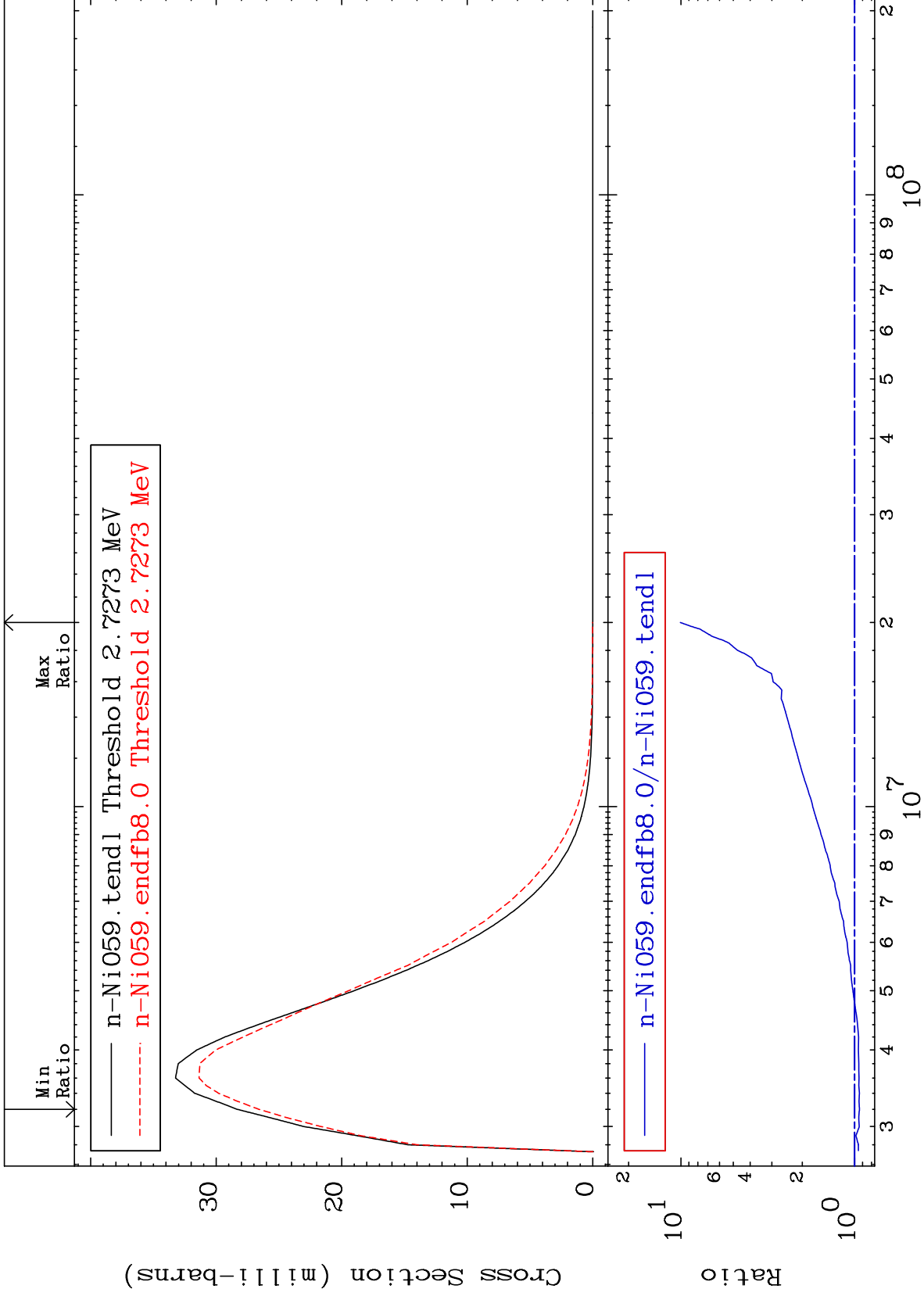




MAT 2828

MT= 73 (n,n') Level  
Cross Section

28-Ni-59  
-6.095 To 908.0 %



30

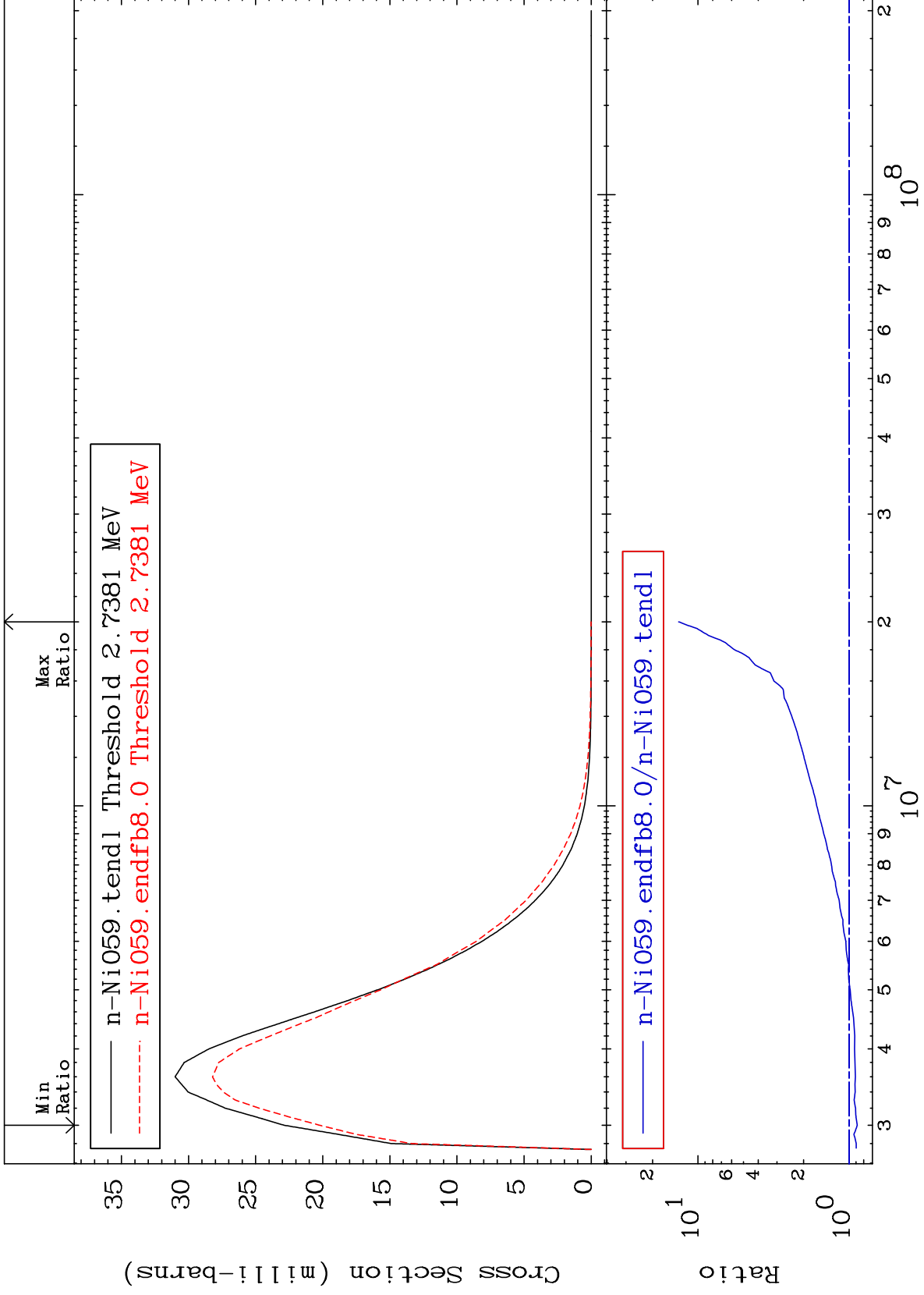
Incident Energy (eV)

28-Ni-59

MAT 2828

MT= 74 (n,n') Level  
Cross Section

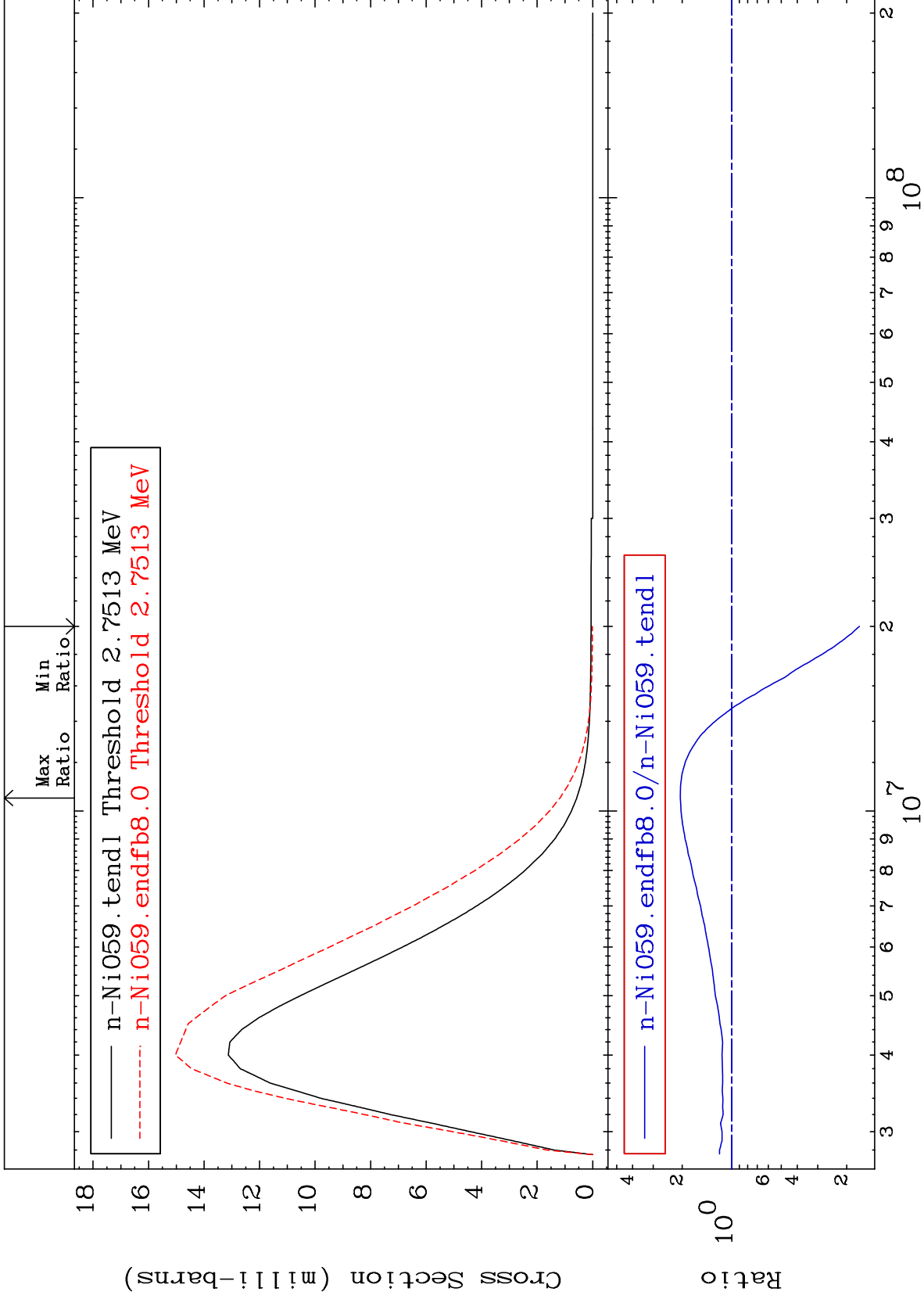
28-Ni-59  
-11.62 To 1243. %



MAT 2828

MT= 75 (n,n') Level  
Cross Section

28-Ni-59  
-83.25 To 105.2 %



32

Incident Energy (eV)

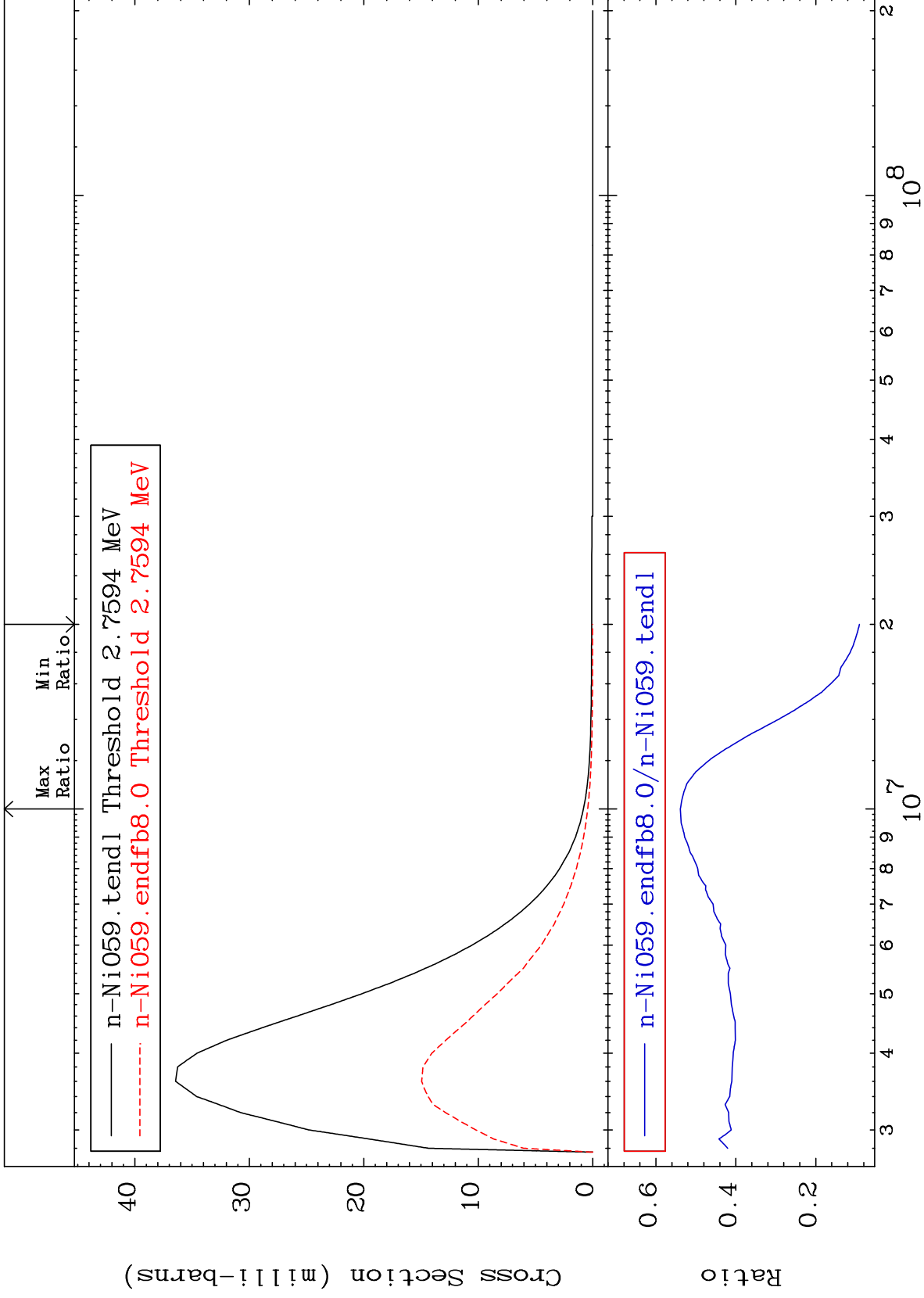
28-Ni-59



MAT 2828

MT= 76 (n,n') Level  
Cross Section

28-Ni-59  
-90.93 To -46.11%



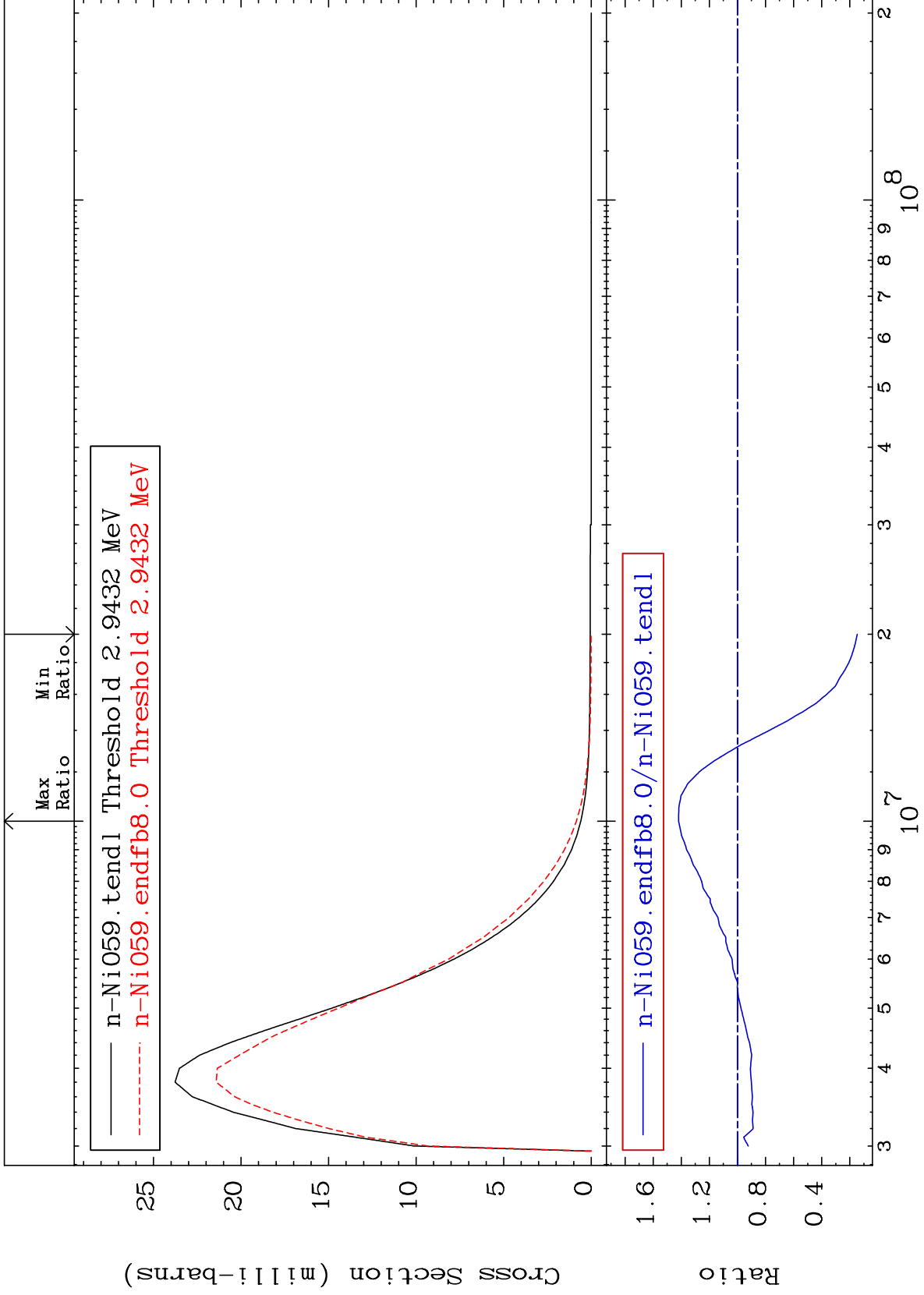
33

28-Ni-59

MAT 2828

MT= 77 (n,n') Level  
Cross Section

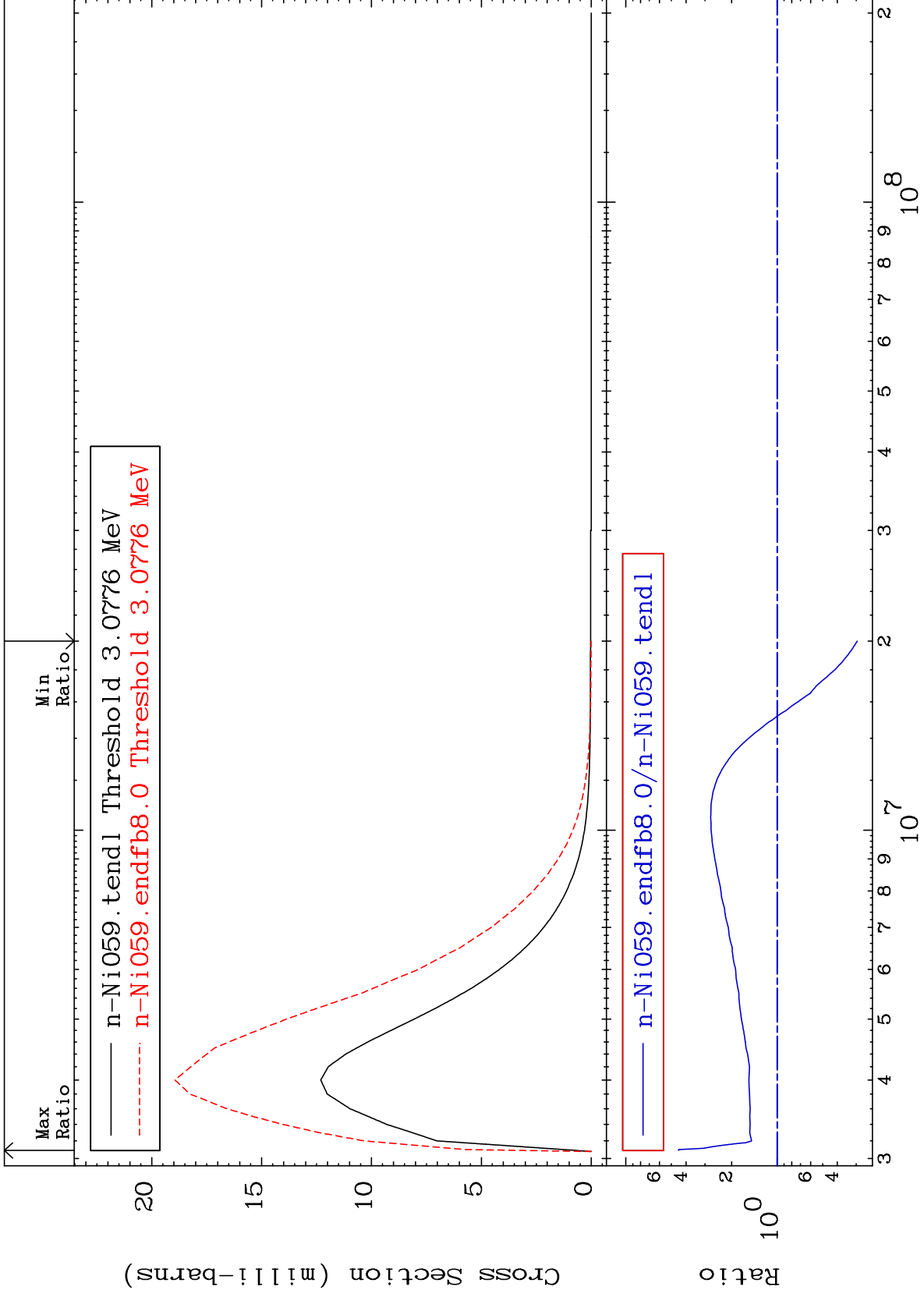
28-Ni-59  
-85.33 To 41.88 %



MAT 2828

MT= 78 (n,n') Level  
Cross Section

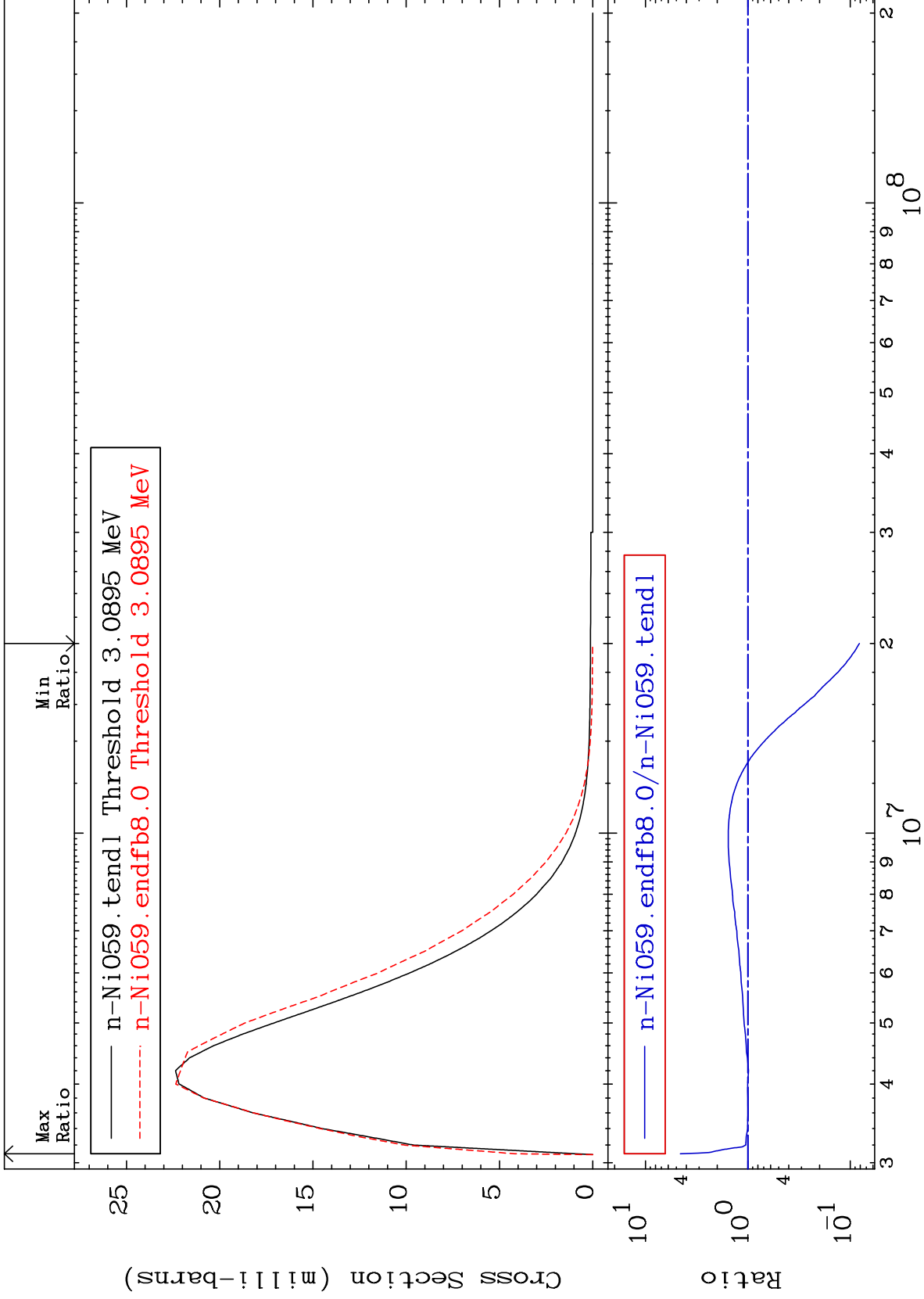
28-Ni-59  
-70.48 To 347.7 %



35

28-Ni-59

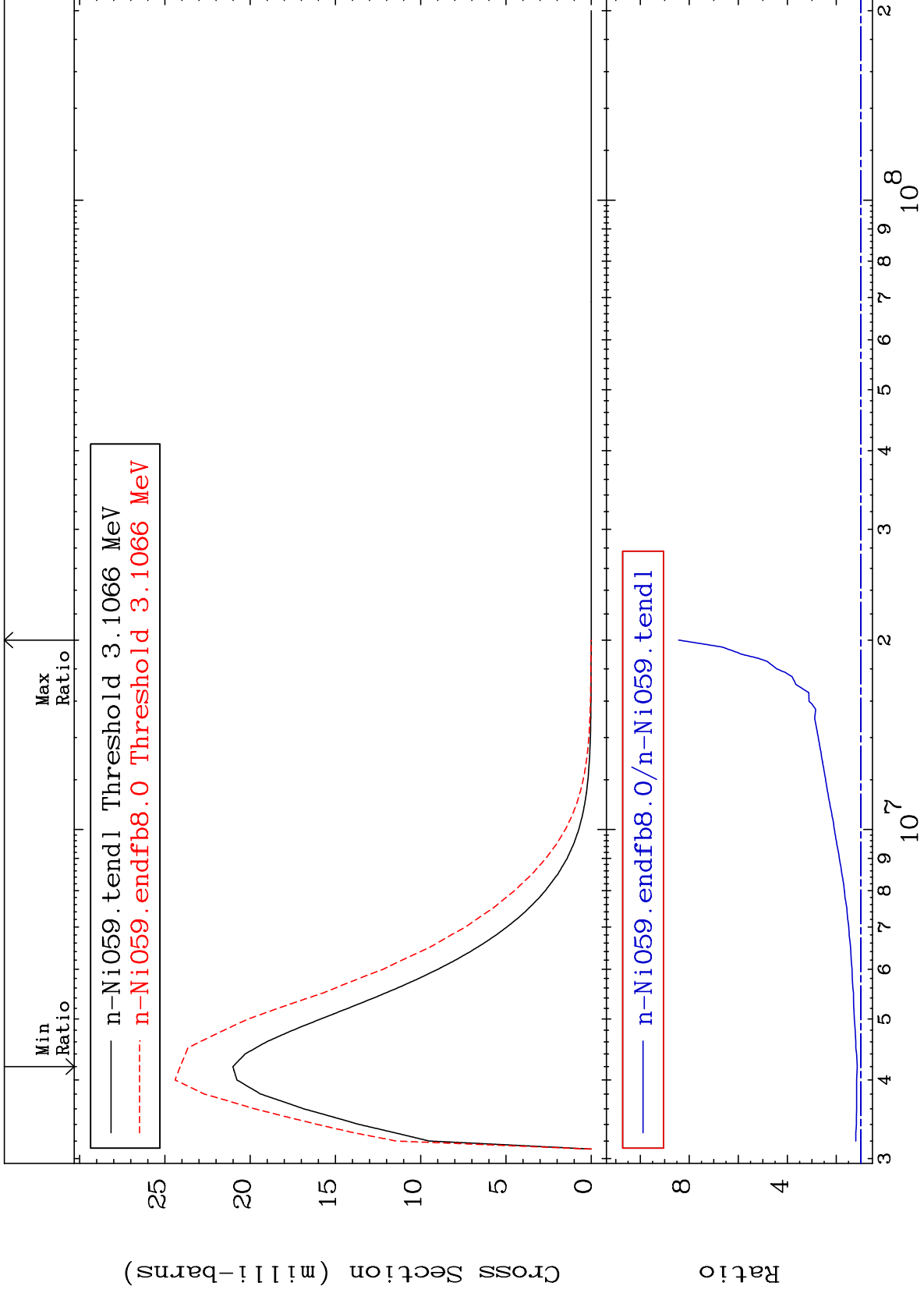
28-Ni-59



MAT 2828

MT= 80 (n,n') Level  
Cross Section

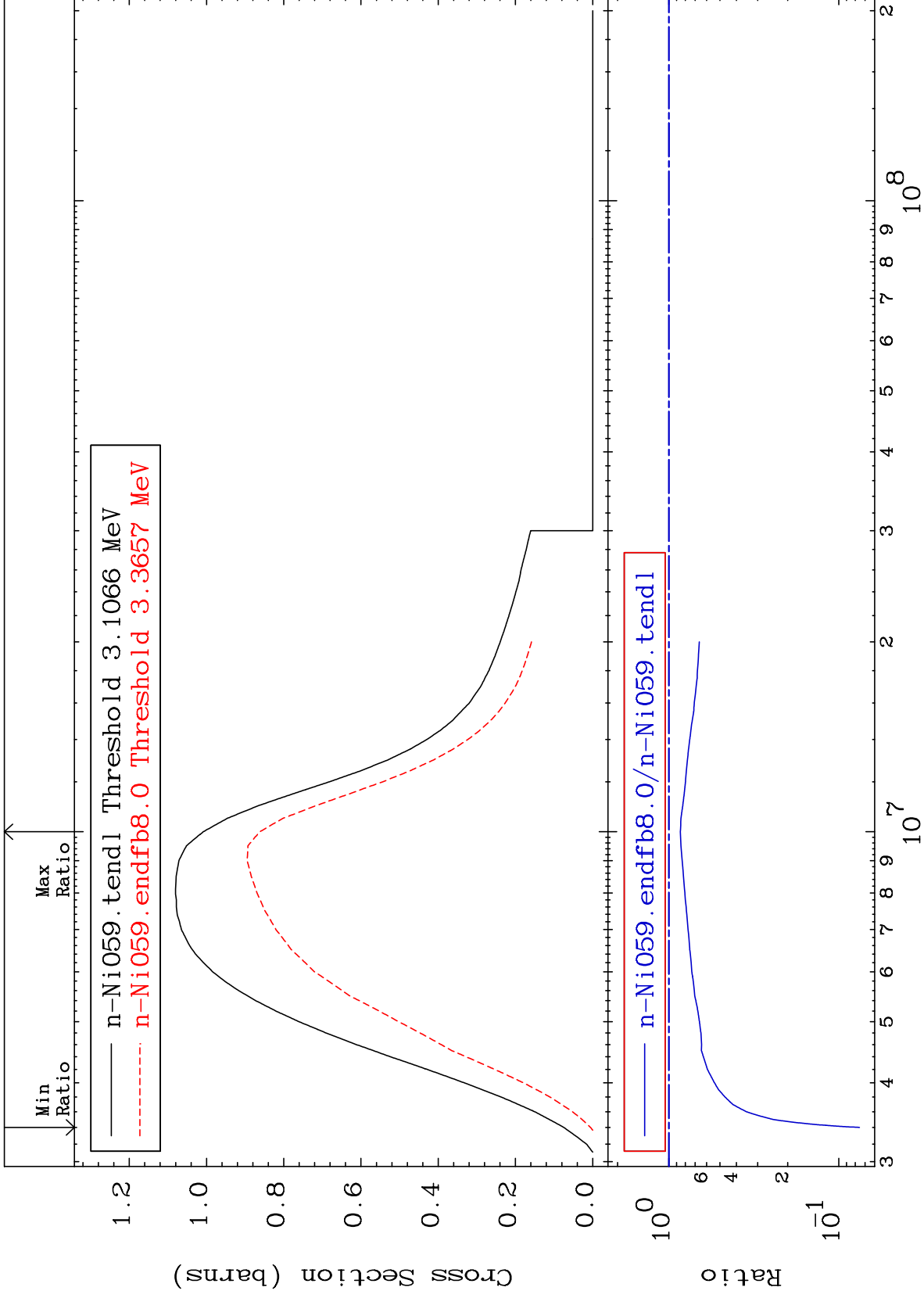
28-Ni-59  
14.70 To 743.4 %



37

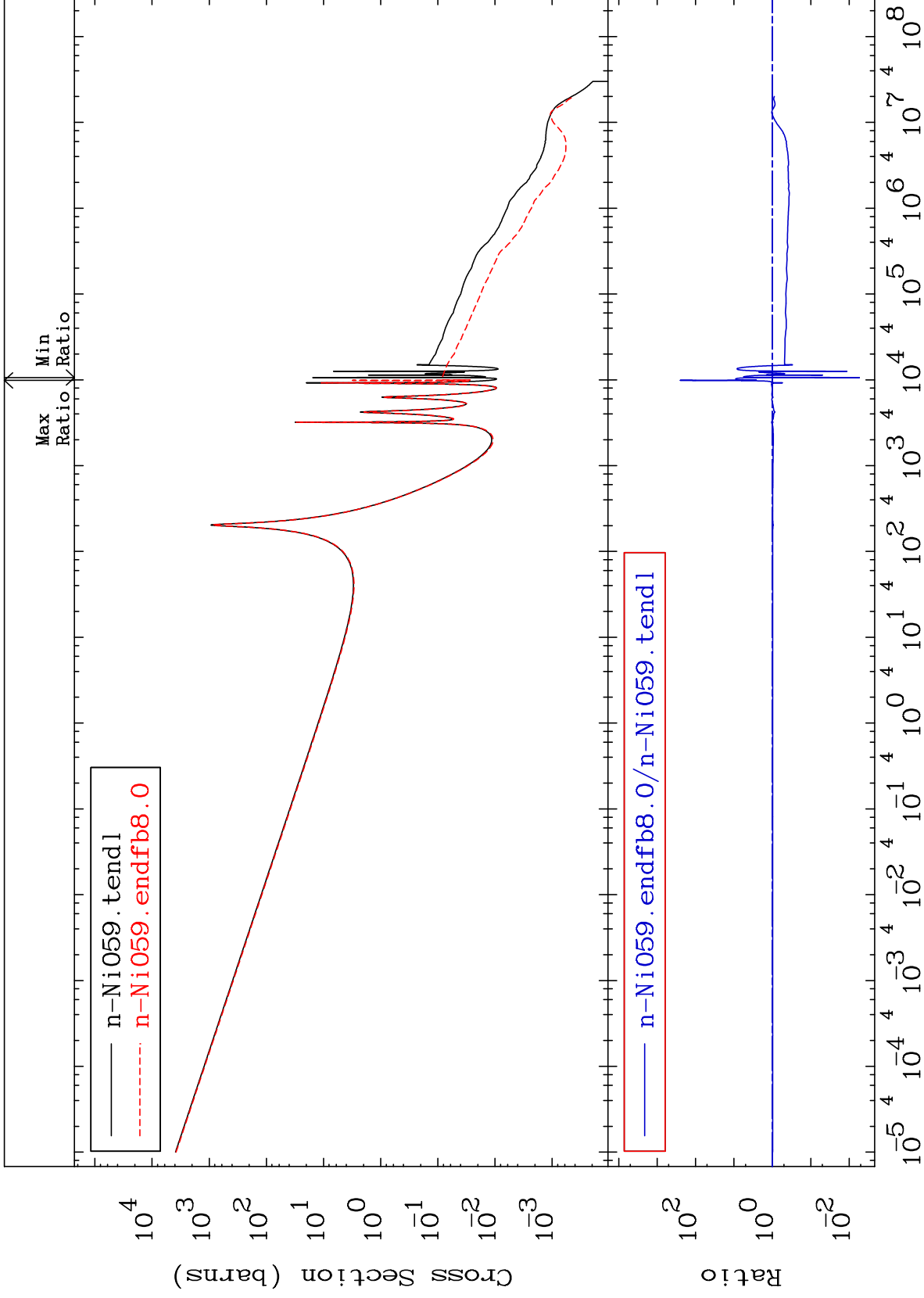
28-Ni-59

28-Ni-59



Cross Section

-99.46 To 9999. %



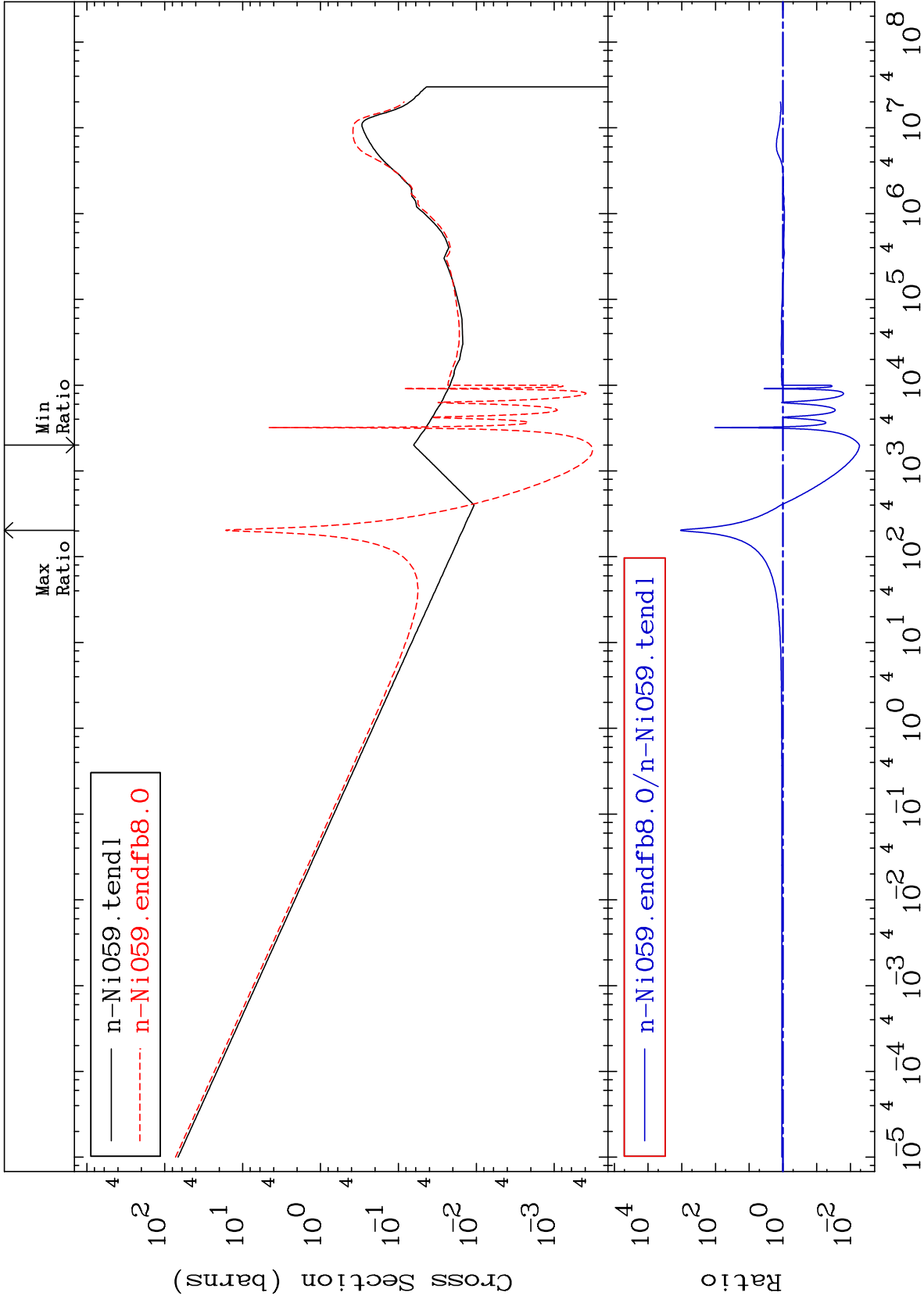
MAT 2828

(n, p)

28-Ni-59

Cross Section

-99.46 To 9999. %



Incident Energy (eV)

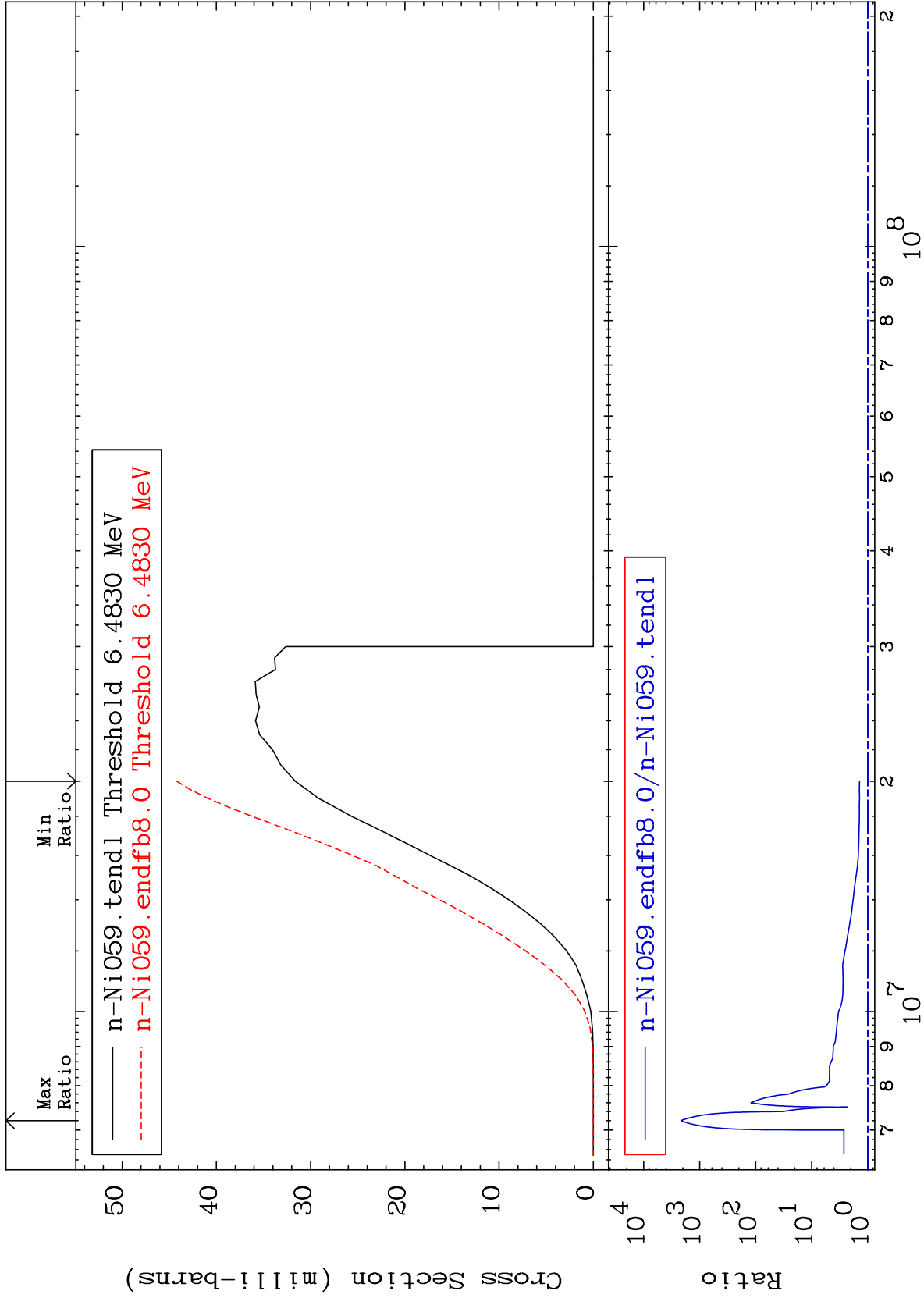
28-Ni-59

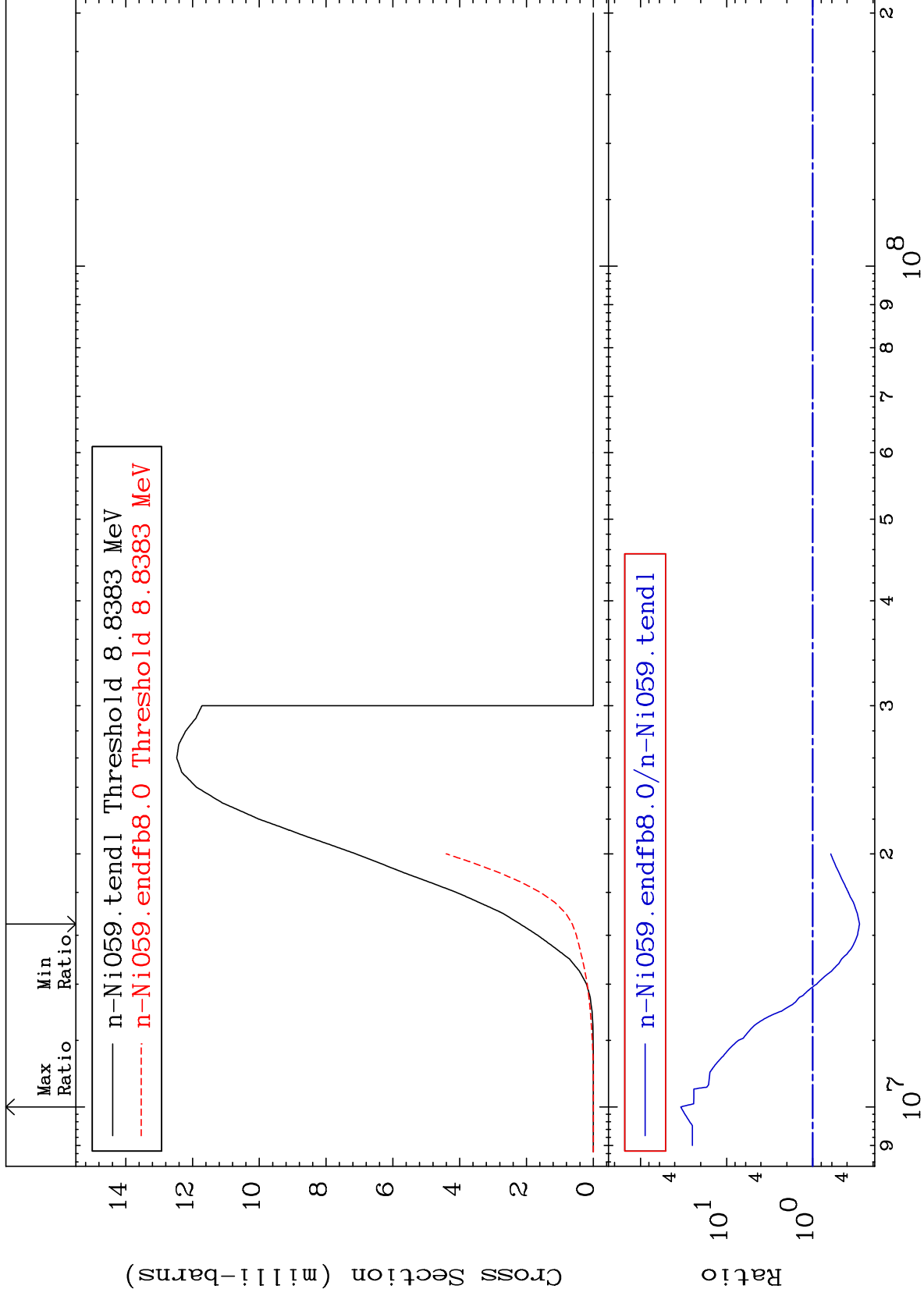
40



Cross Section

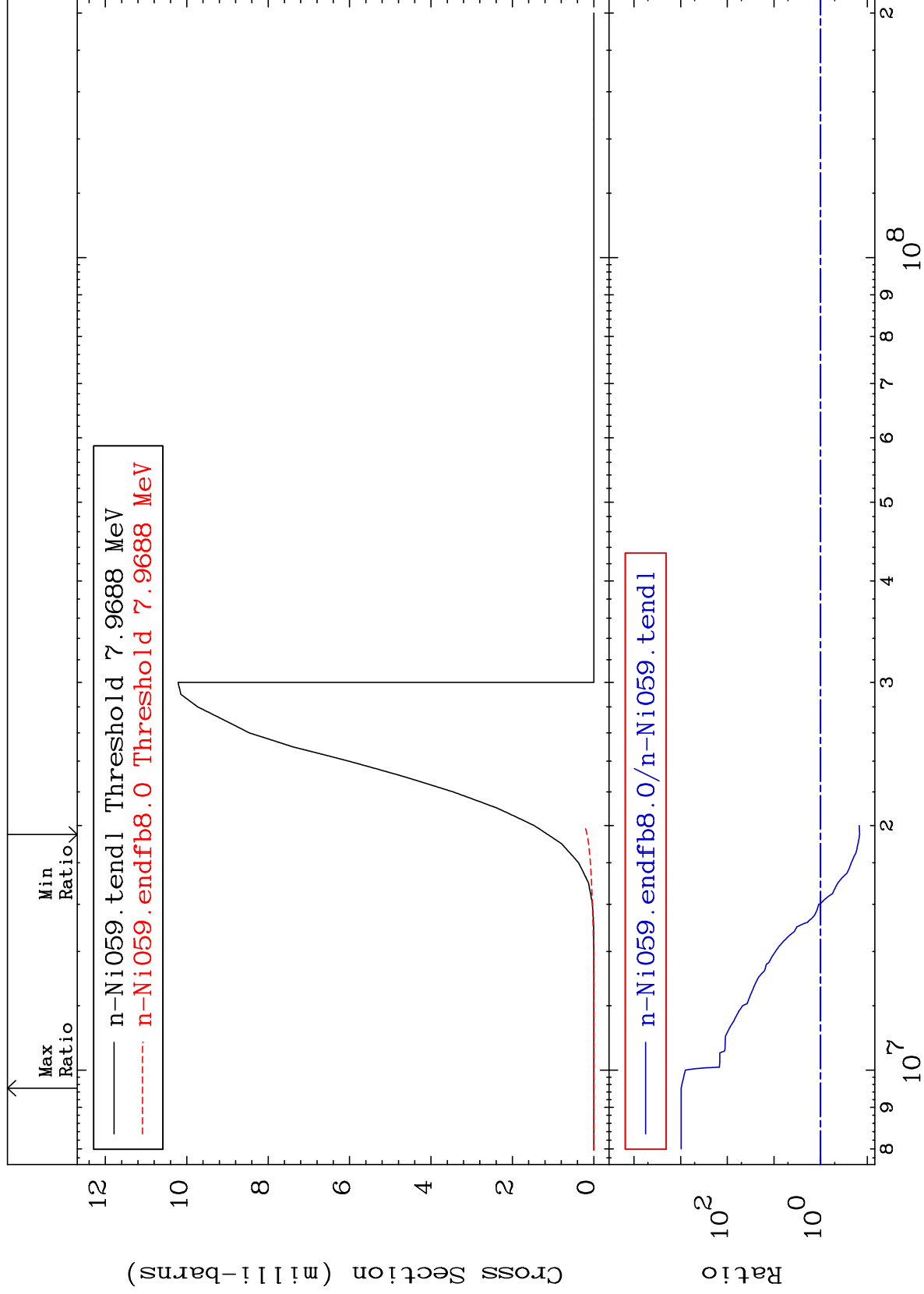
39.74 To 9999. %

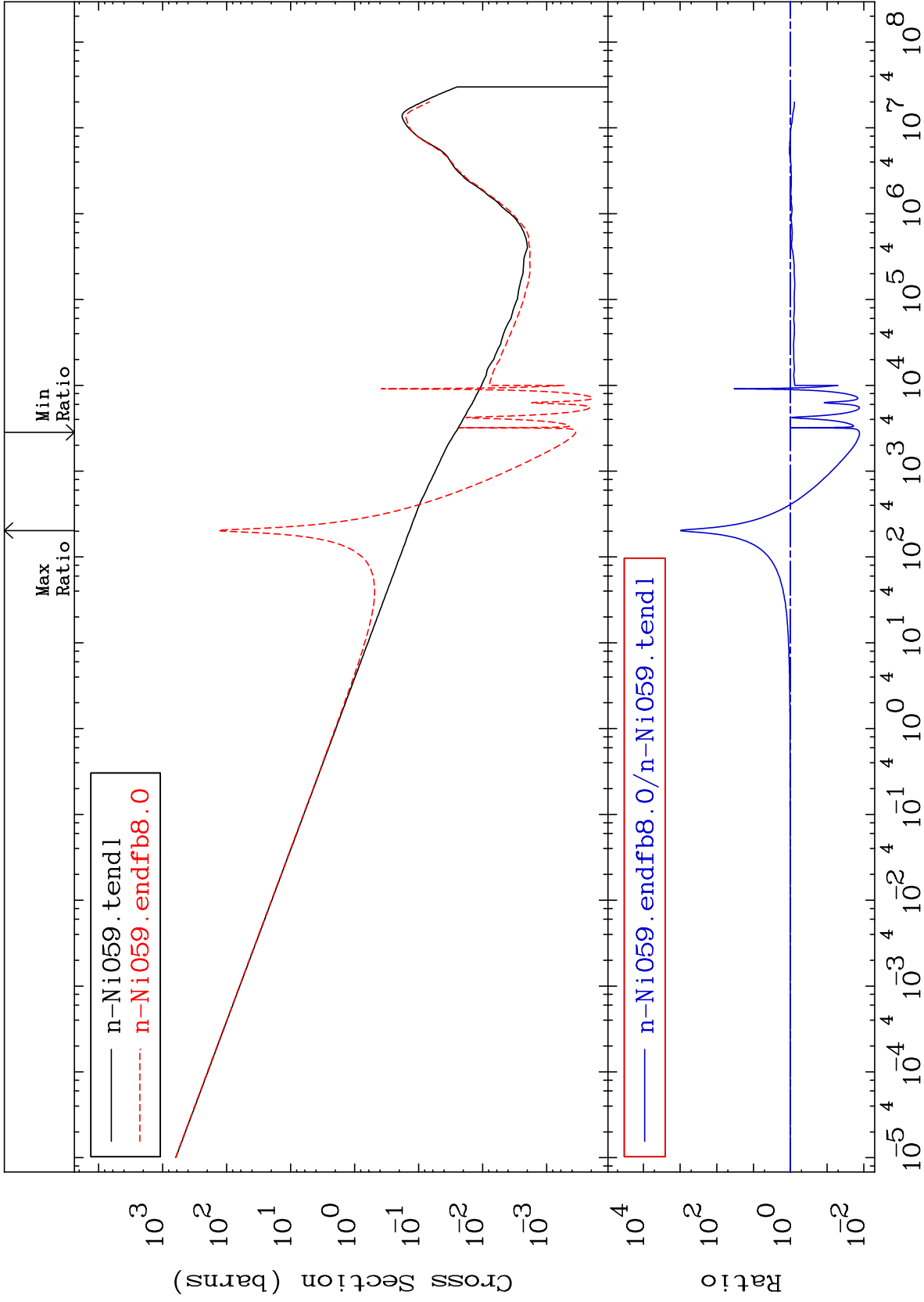




Cross Section

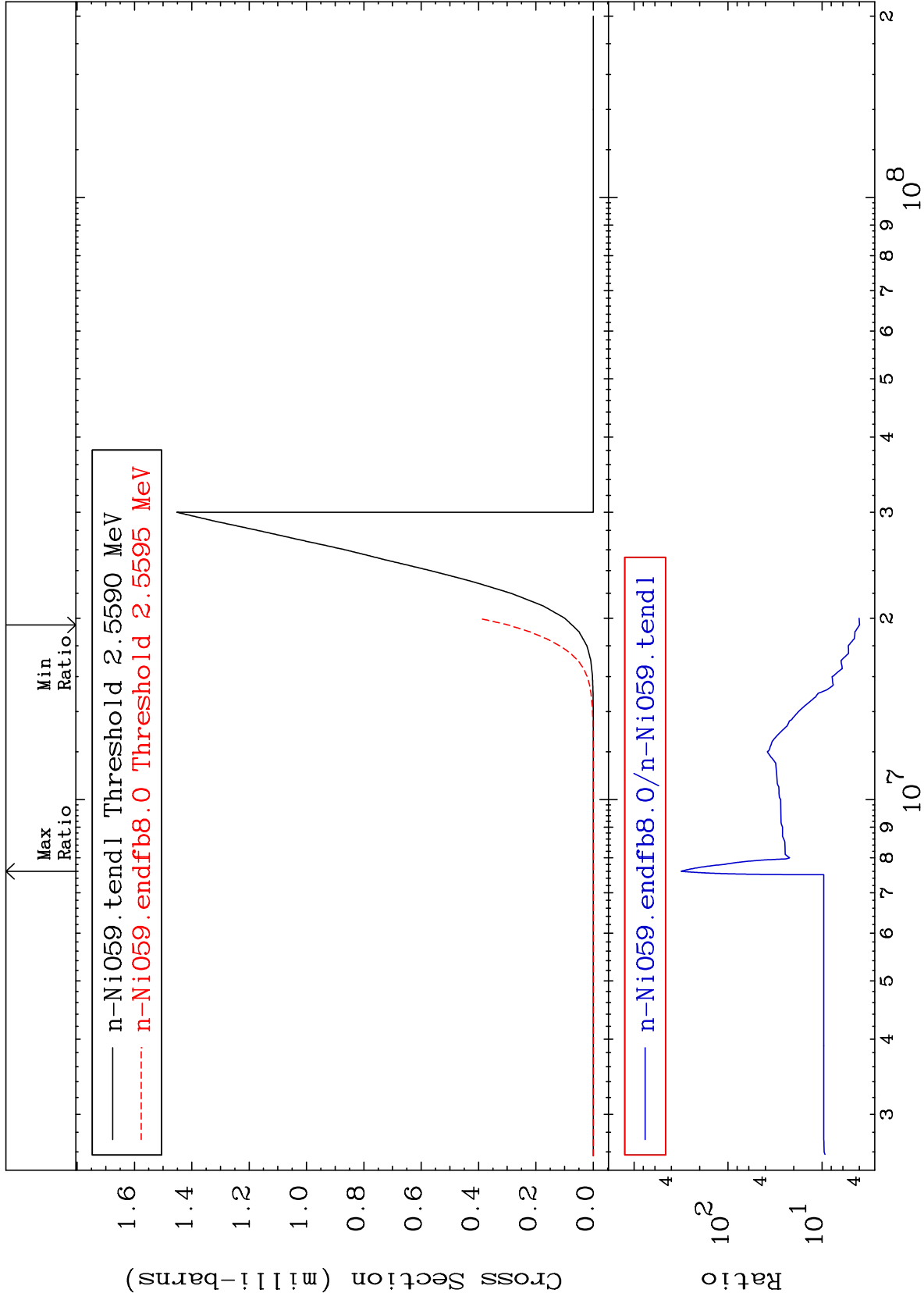
-85.38 To 9999. %

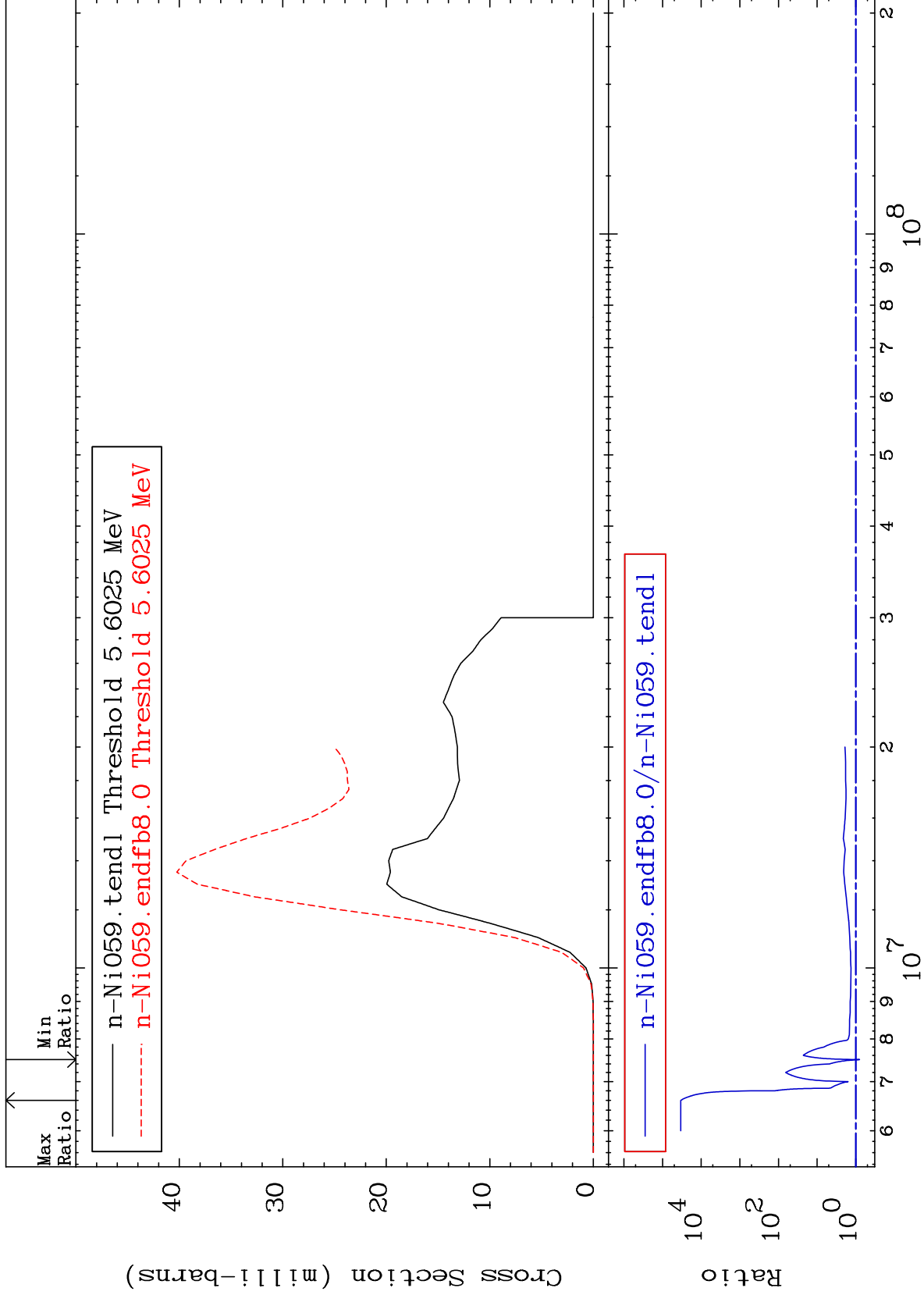




298.8 To 9999. %

Cross Section





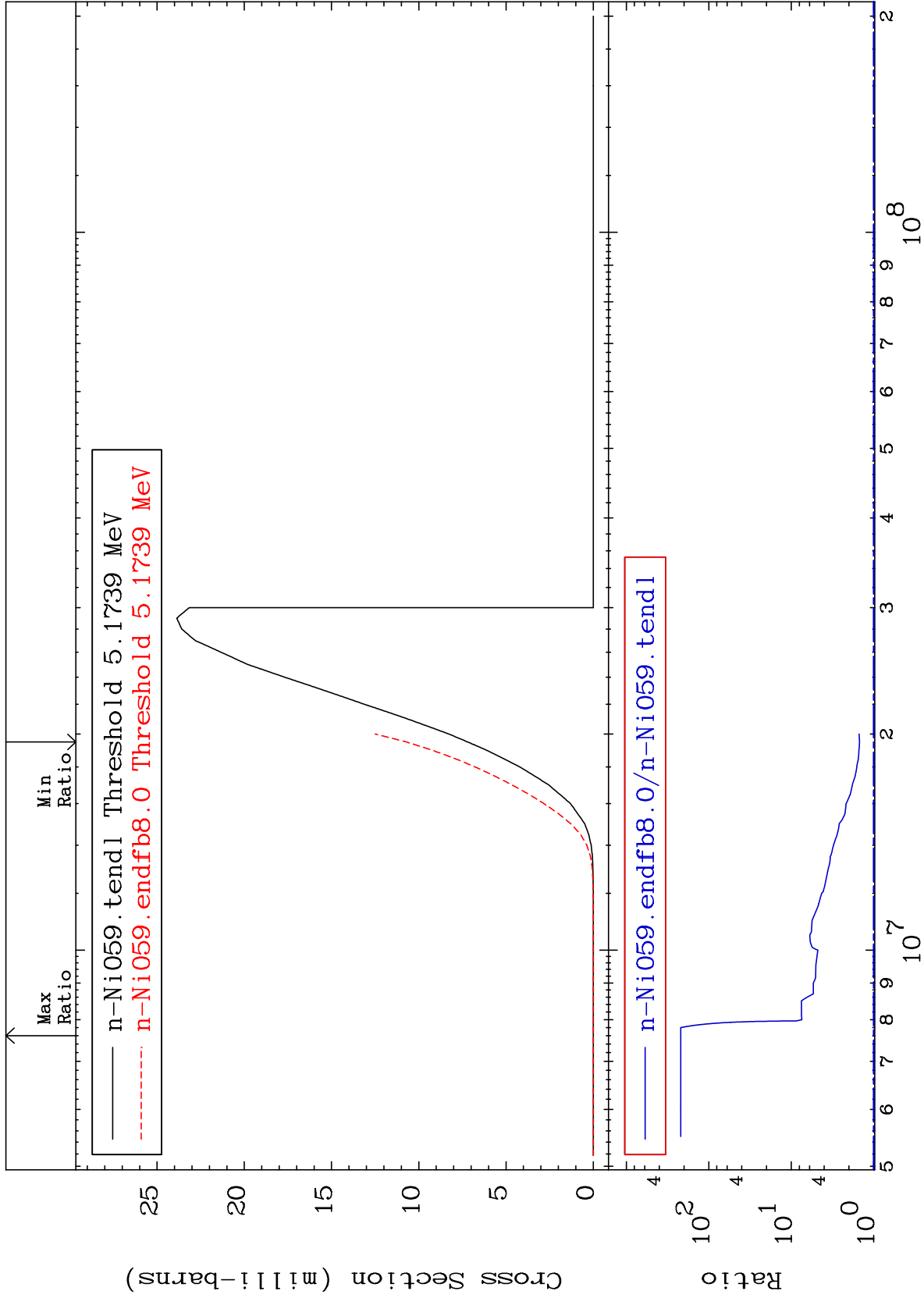
MAT 2828

(n,p)  $\alpha$

28-Ni-59

Cross Section

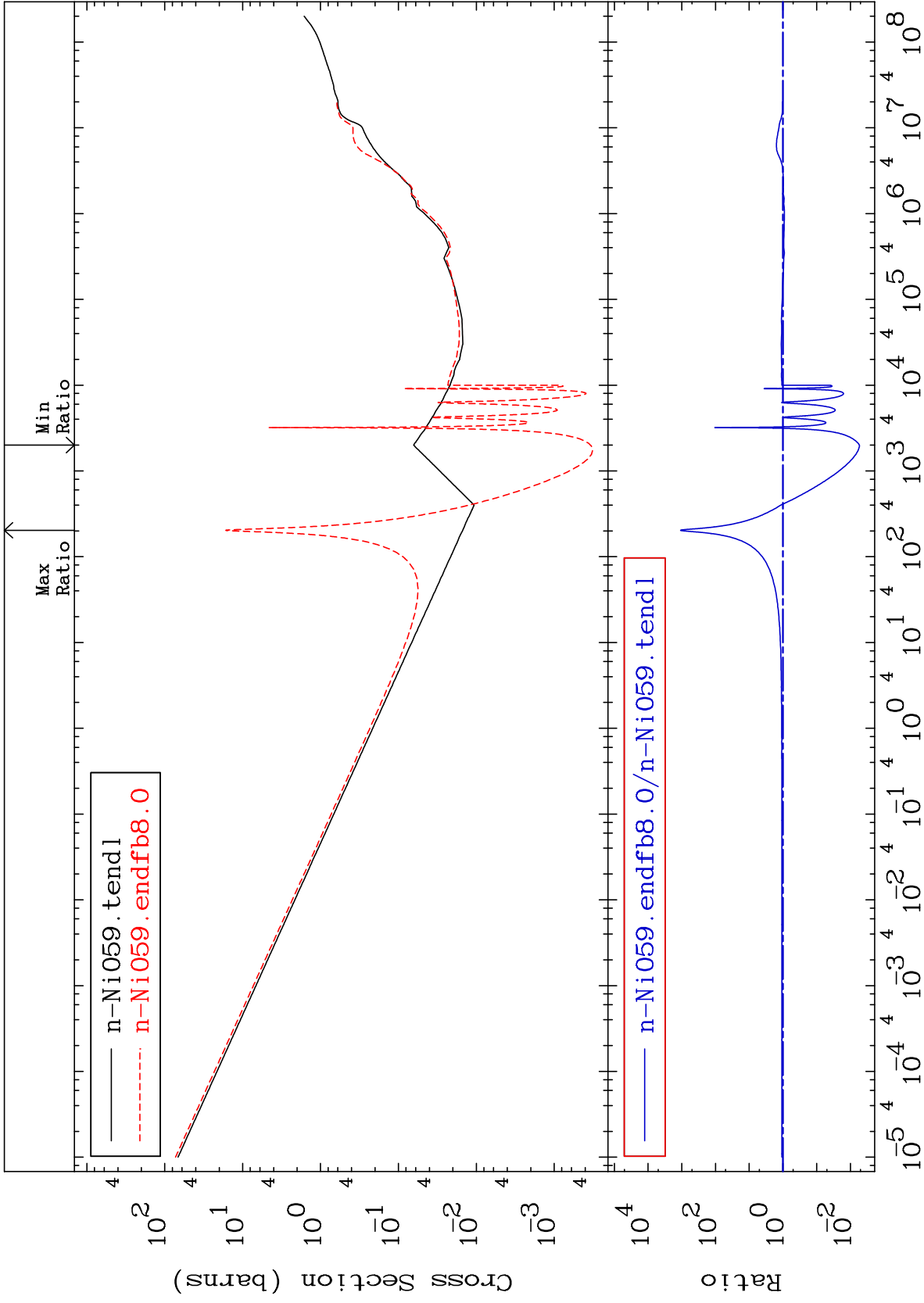
48.74 To 9999. %



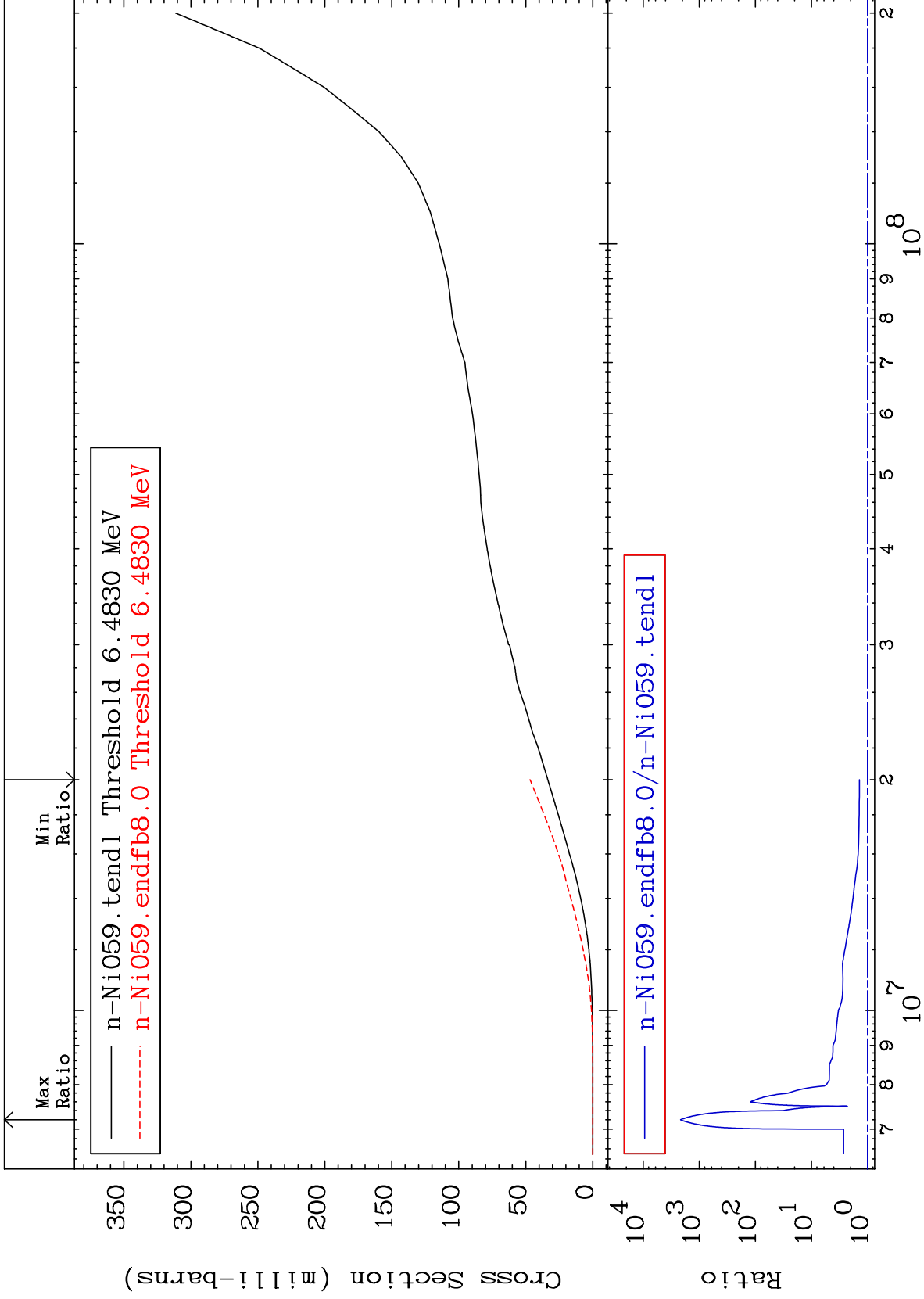
47

Incident Energy (eV)

28-Ni-59



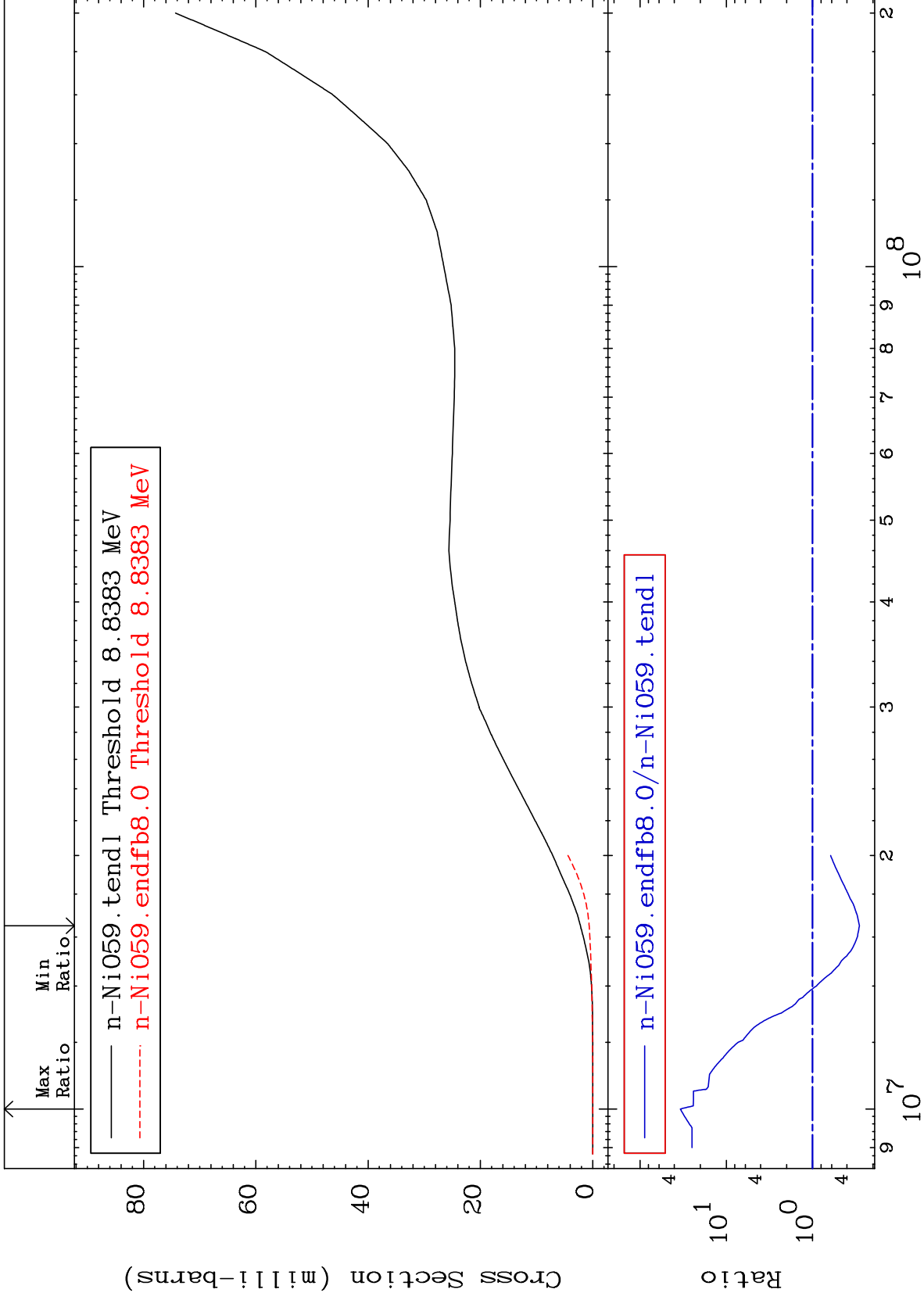




MAT 2828

Tritium Production  
Cross Section

28-Ni-59  
-71.34 To 3307. %



50

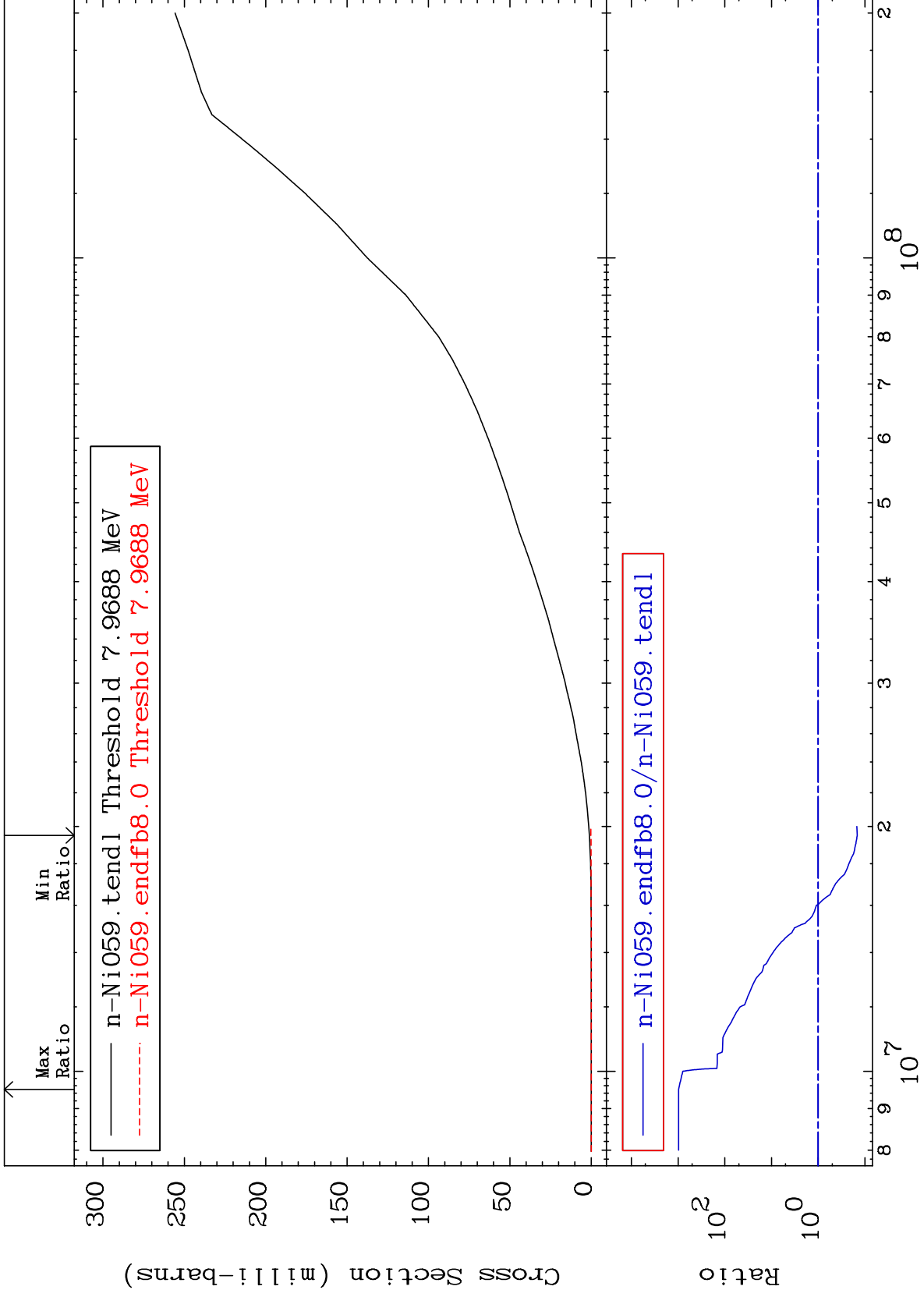
Incident Energy (eV)

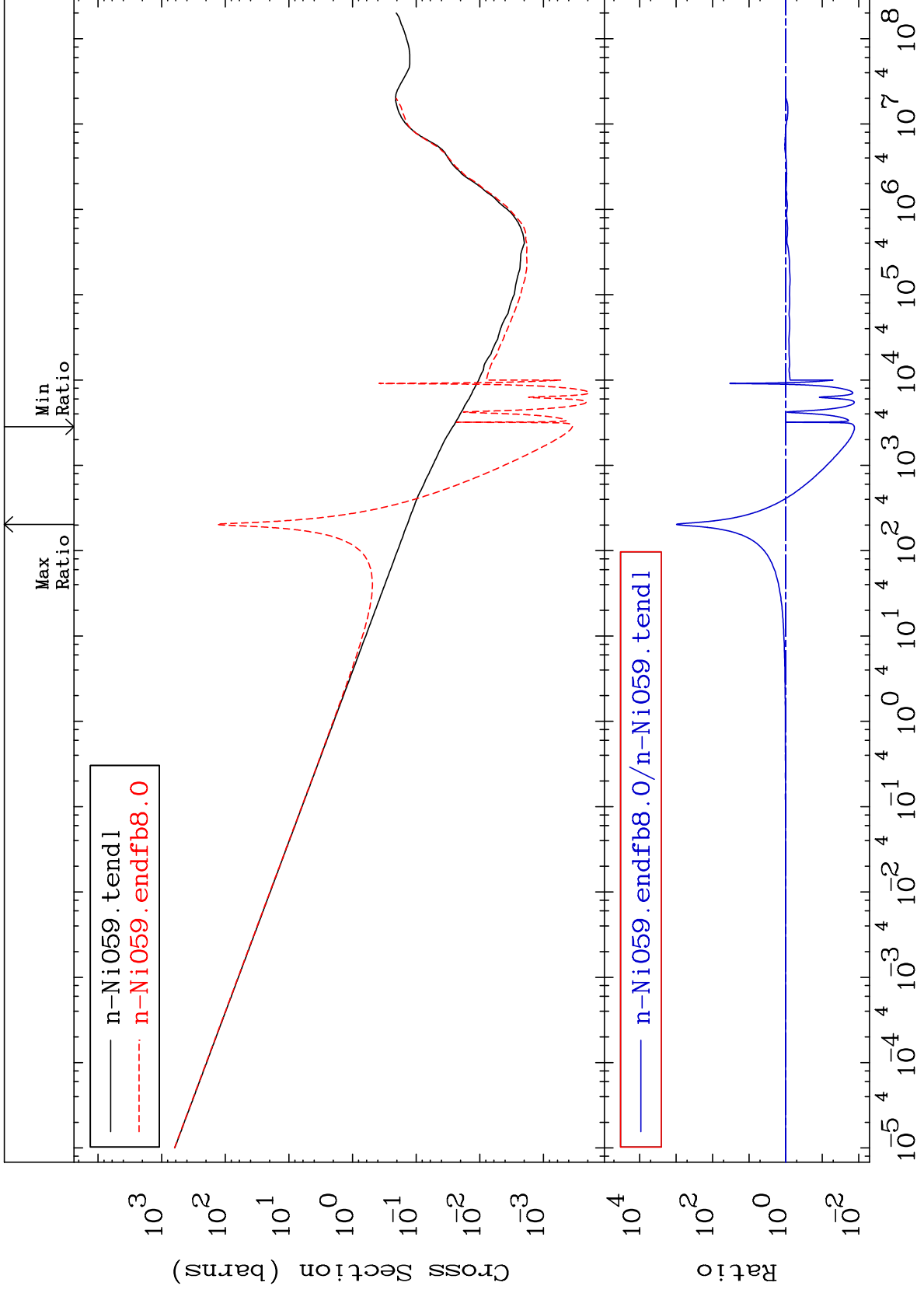
28-Ni-59

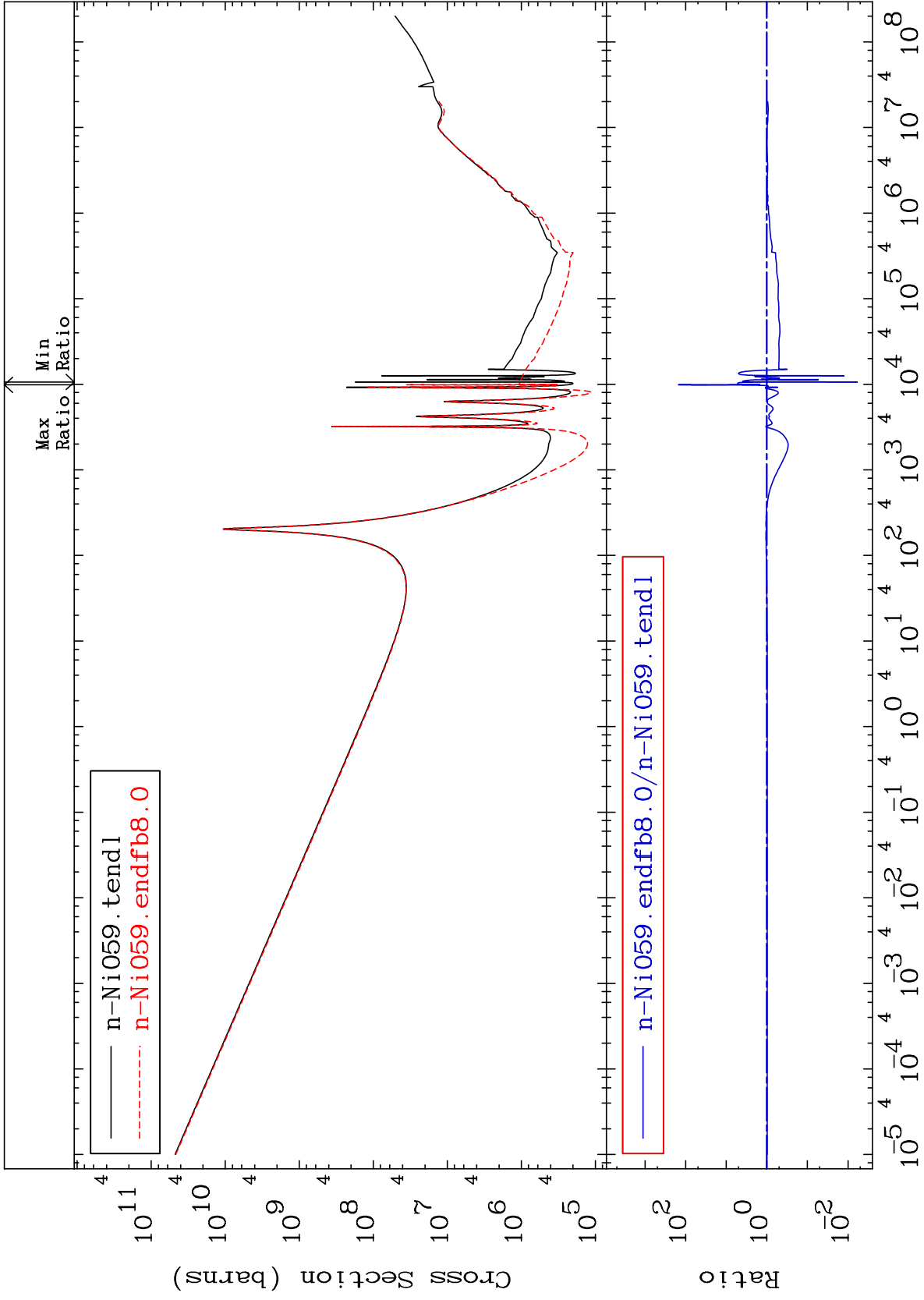
MAT 2828

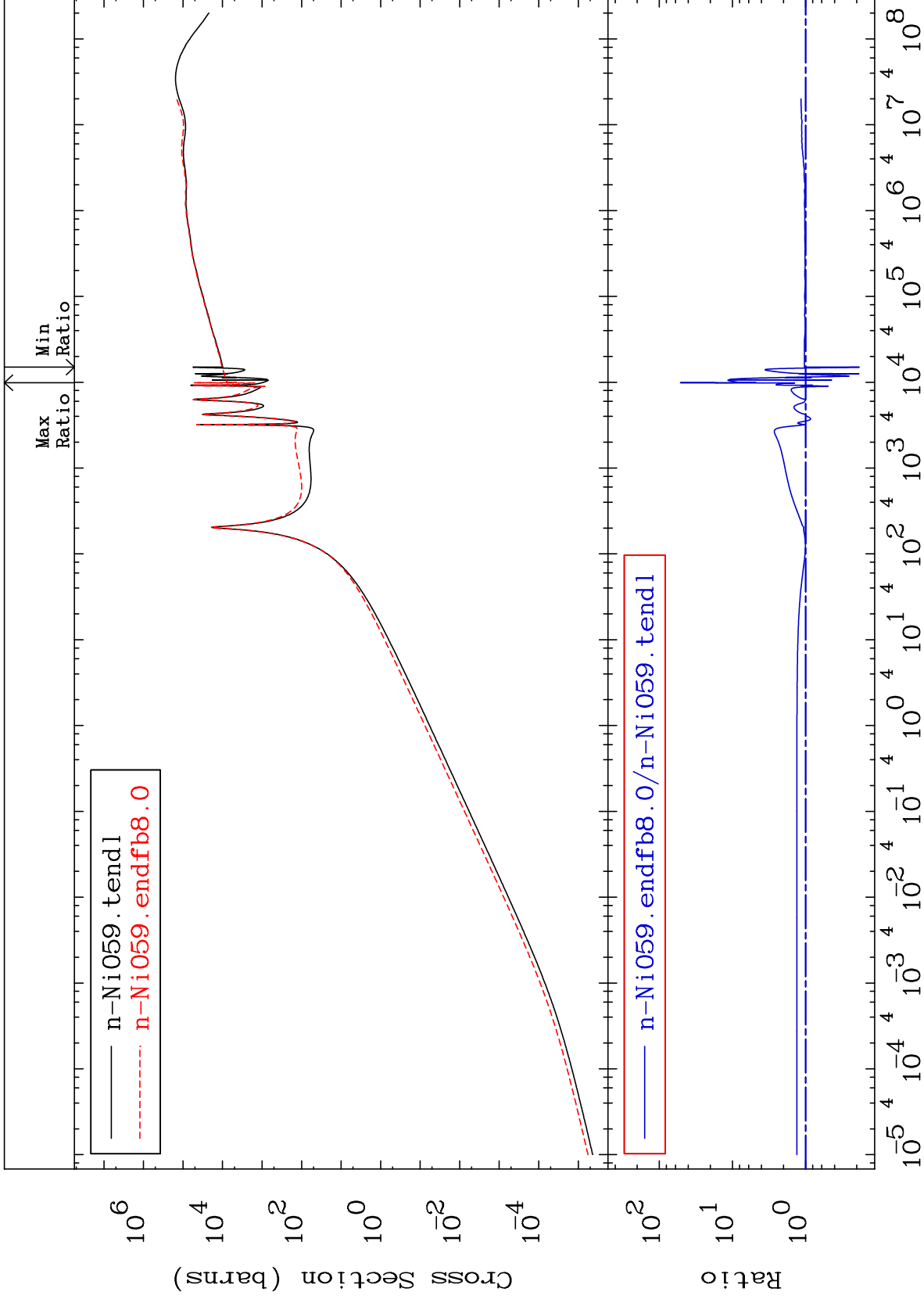
He-3 Production  
Cross Section

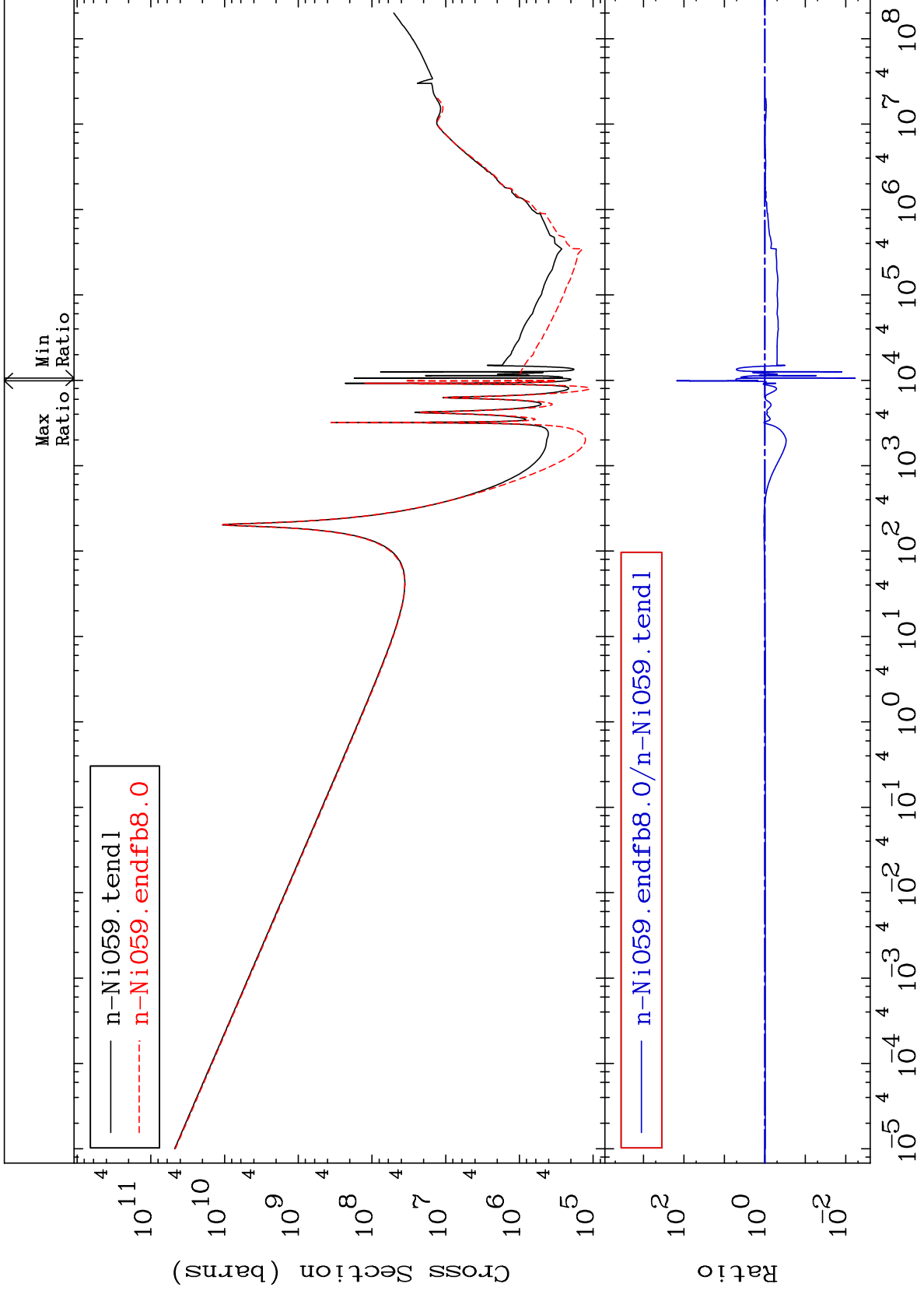
28-Ni-59  
-85.38 To 9999. %

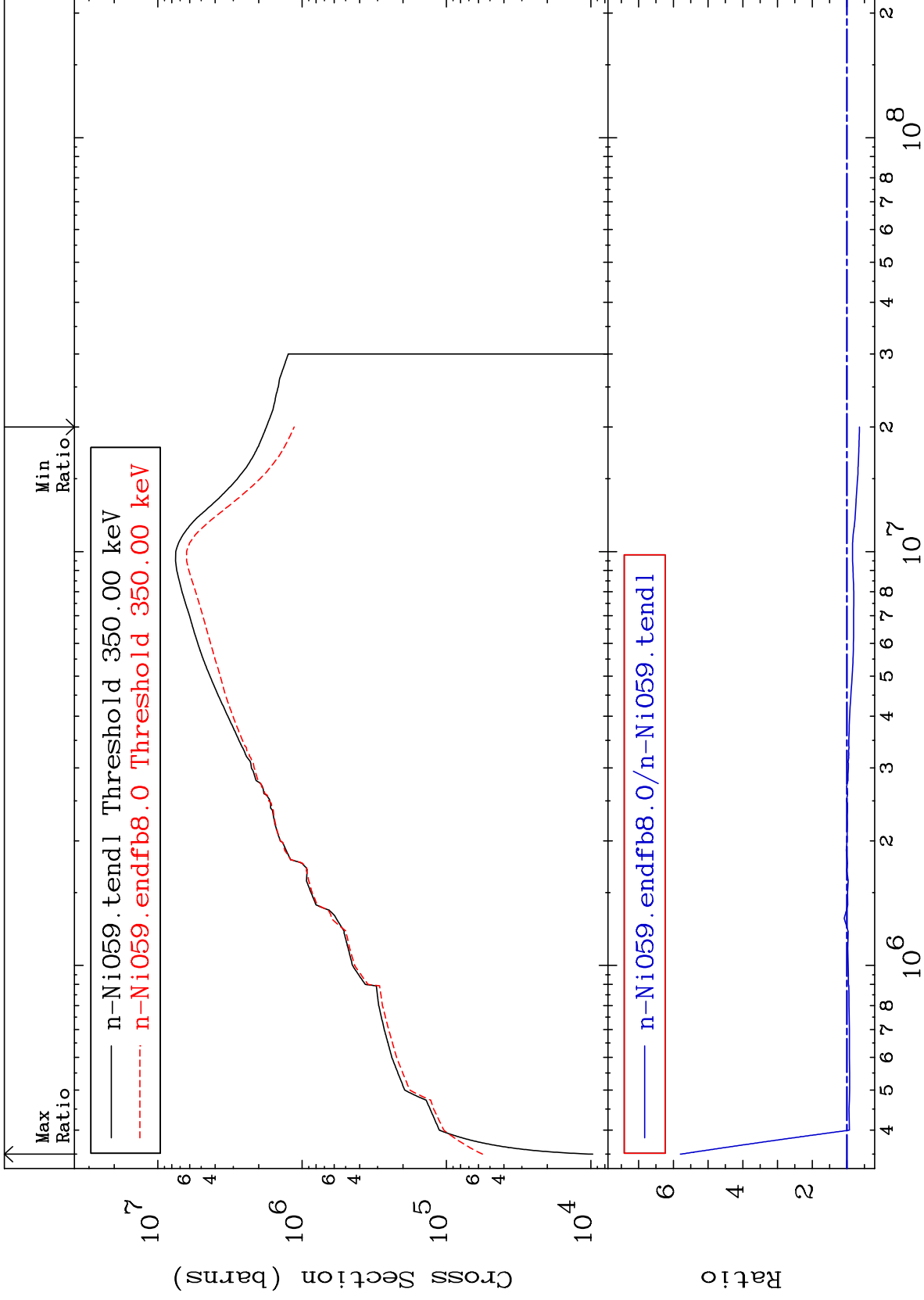










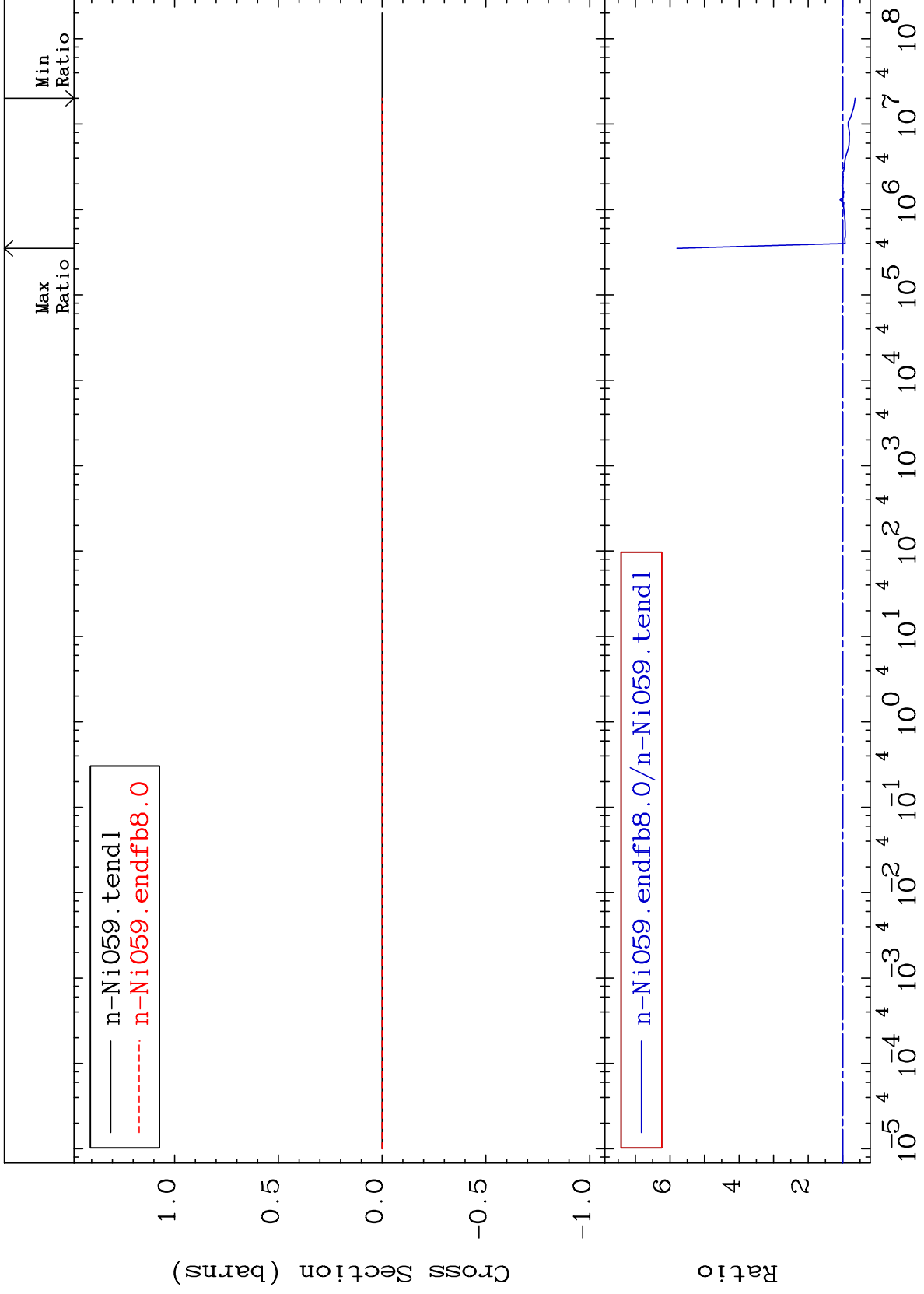




MAT 2828

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

28-Ni-59  
-35.86 To 479.8 %



57

Incident Energy (eV)

28-Ni-59

