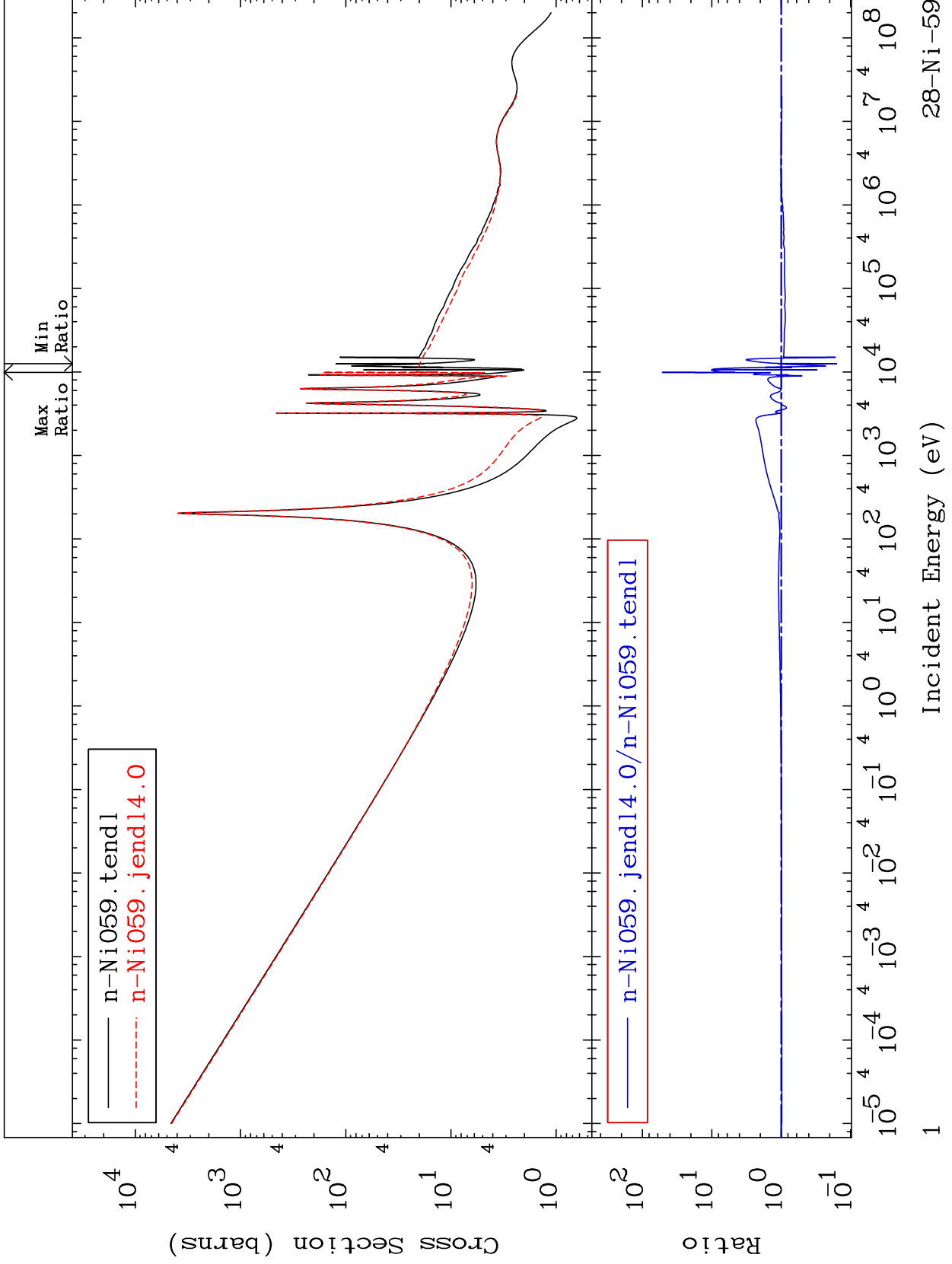


MAT 2828

Total  
Cross Section

28-Ni-59  
-84.09 To 5062. %

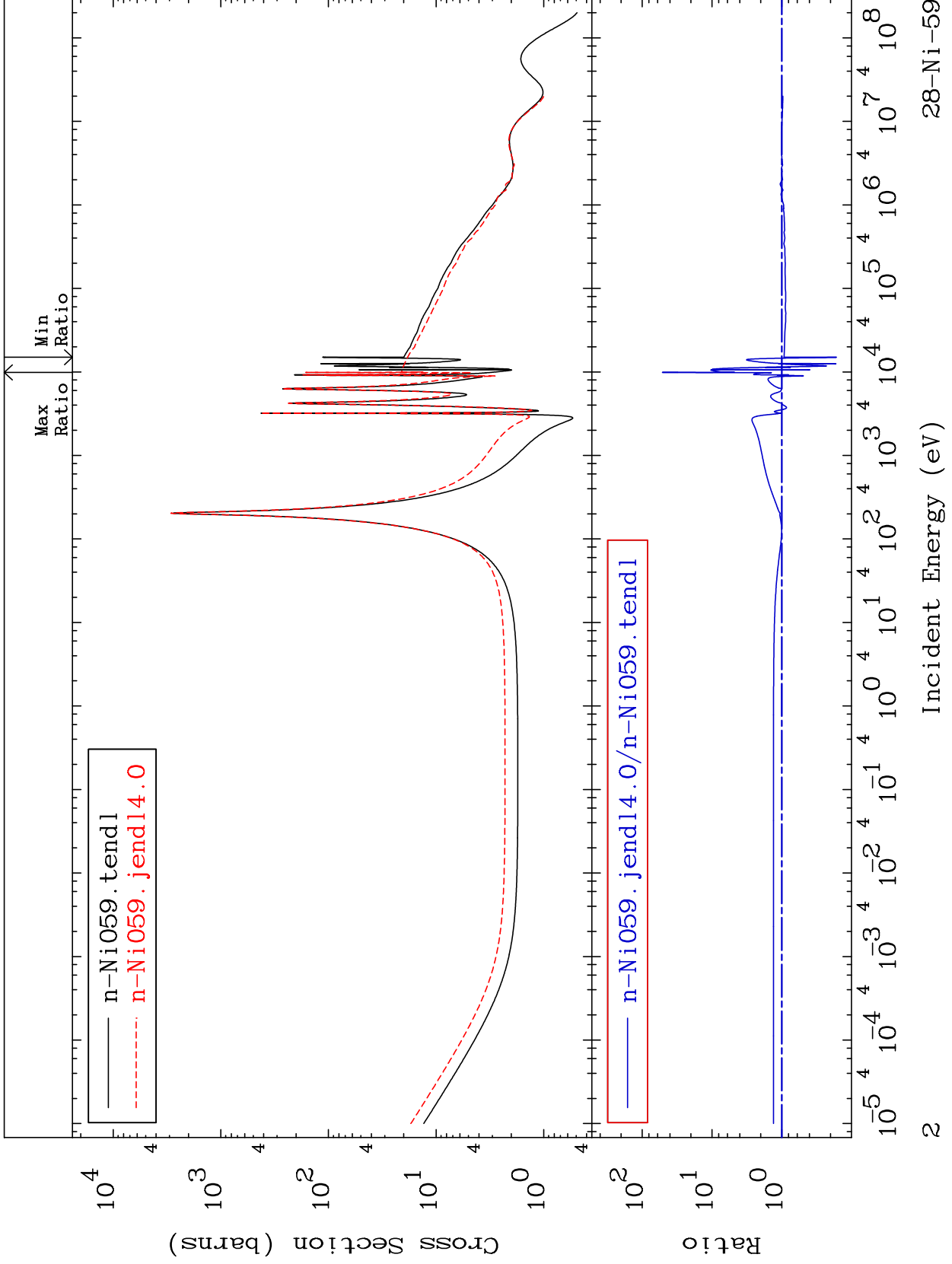


28-Ni-59

MAT 2828

Elastic  
Cross Section

28-Ni-59  
-83.65 To 5040. %



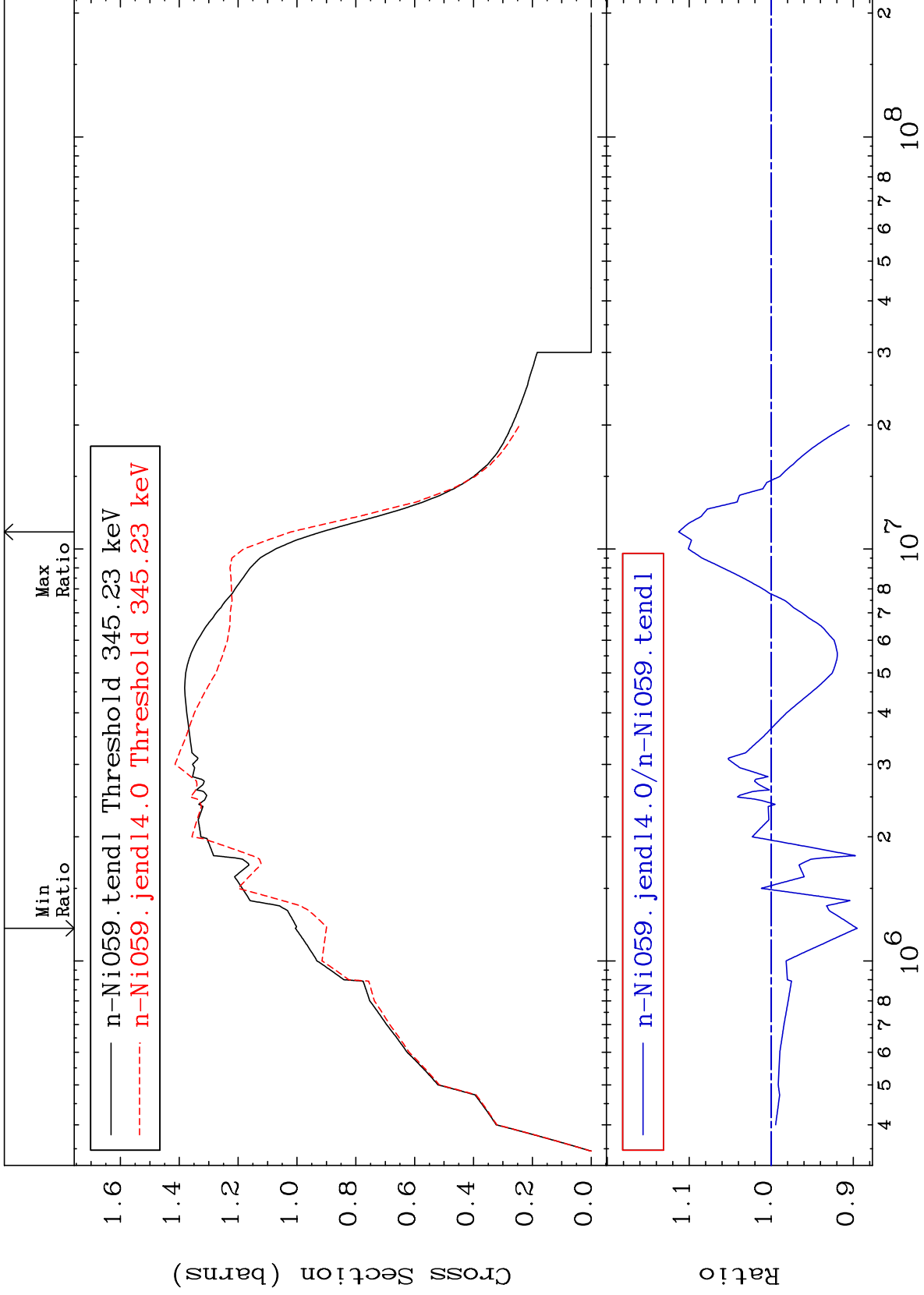
28-Ni-59

Incident Energy (eV)

2

MAT 2828

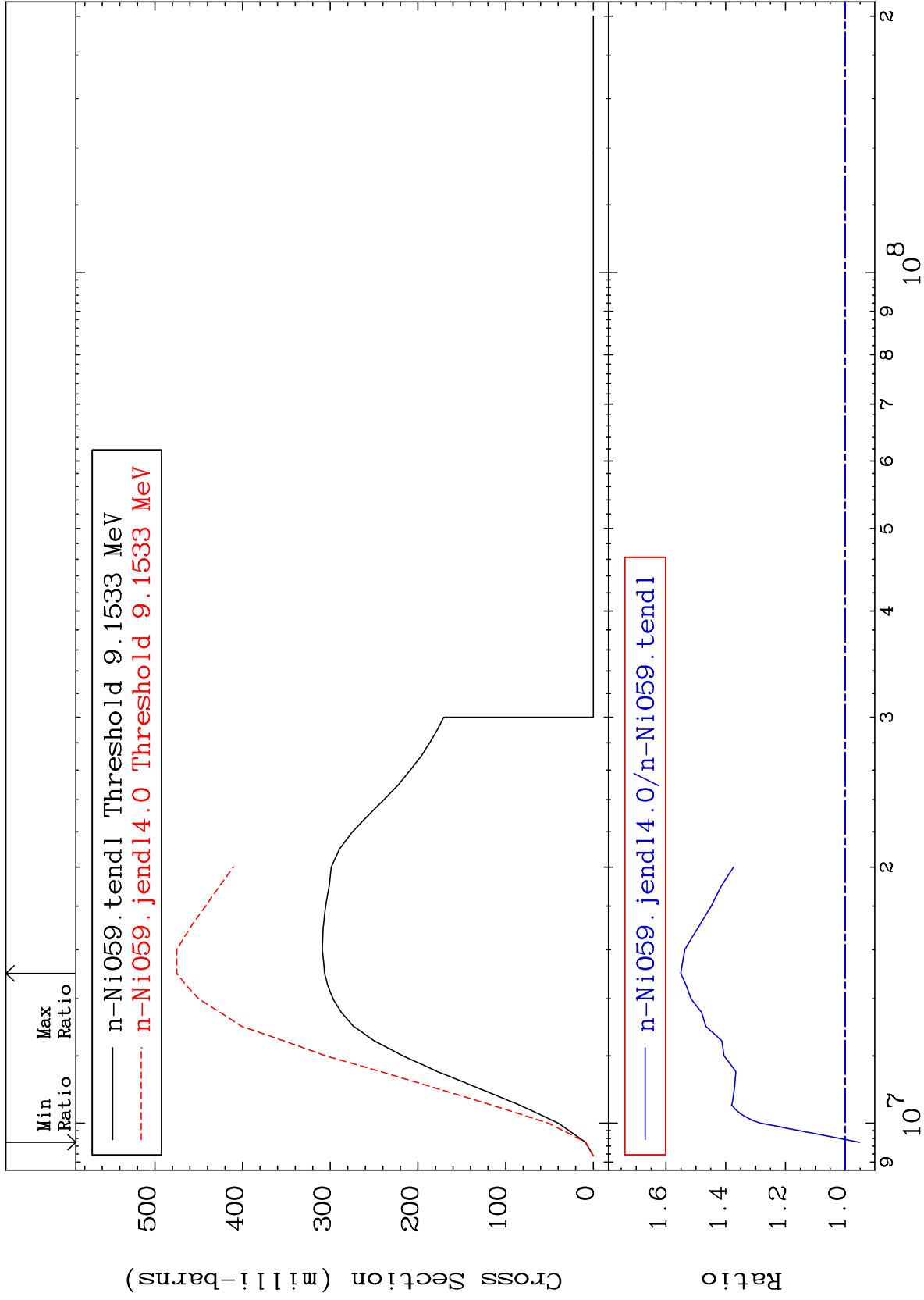
Inelastic Cross Section  
28-Ni-59  
-10.48 To 11.29 %



MAT 2828

(n,2n)  
Cross Section

28-Ni-59  
-4.798 To 55.05 %



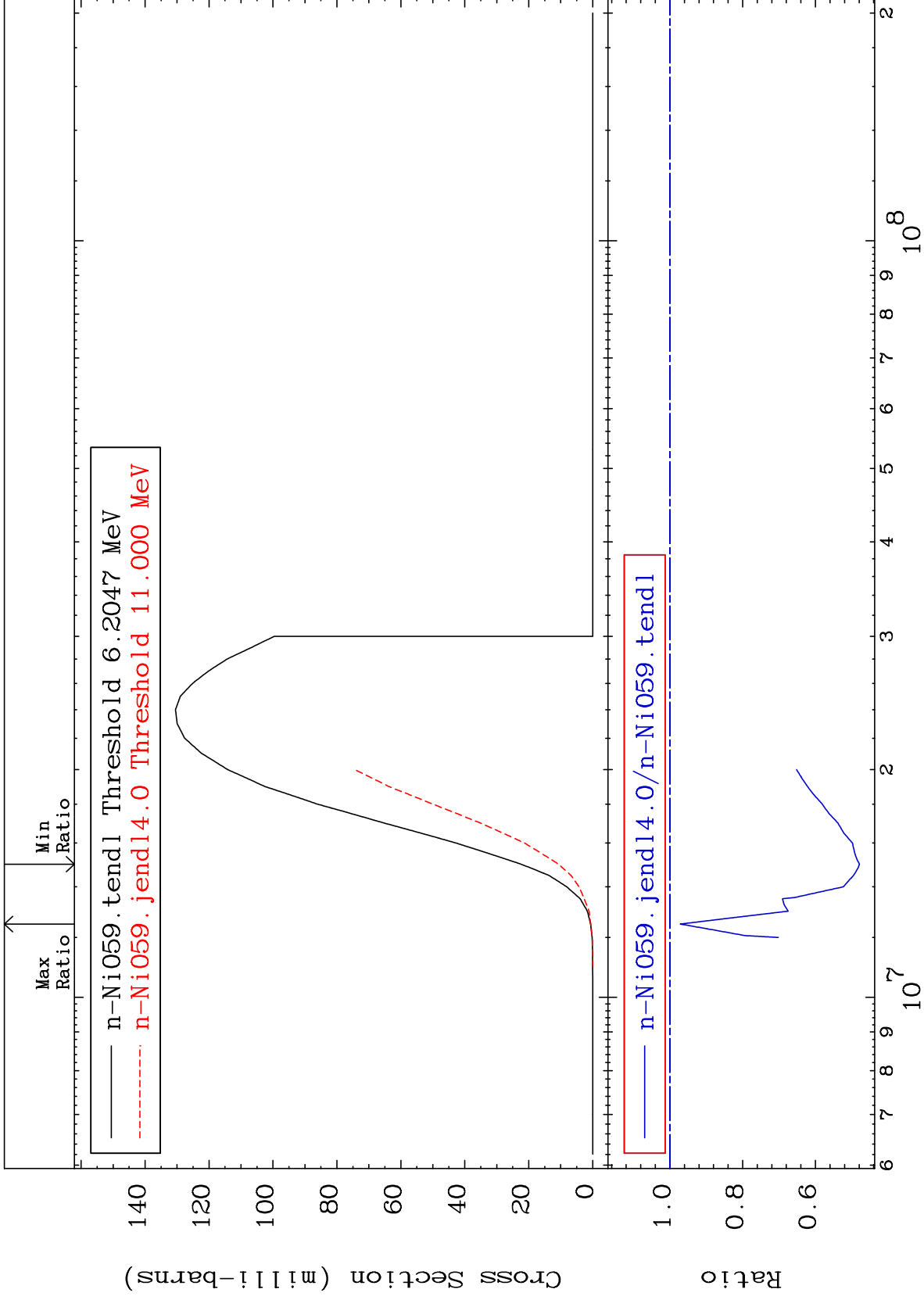
Incident Energy (eV)

28-Ni-59

MAT 2828

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

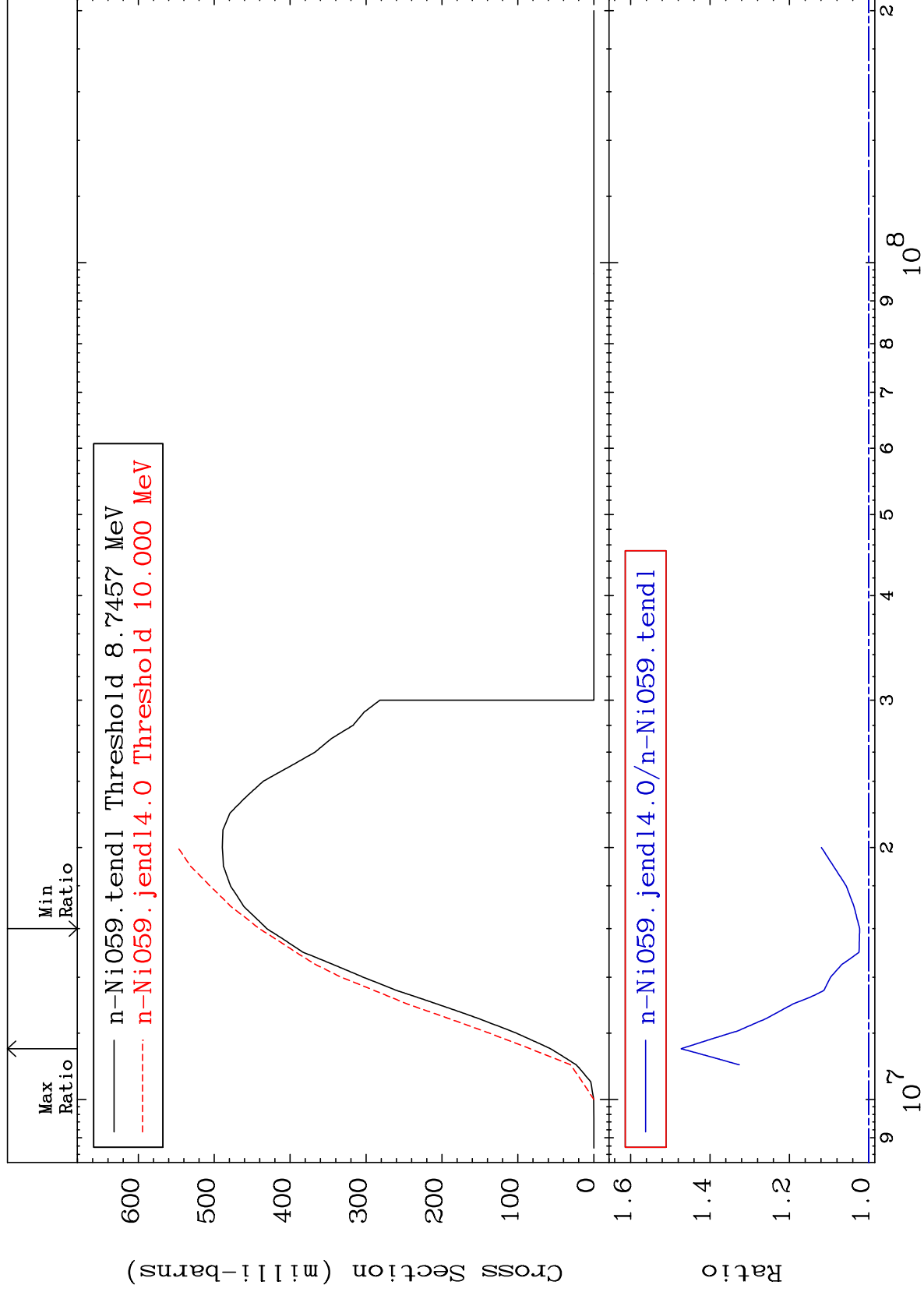
28-Ni-59  
-52.08 To -2.881%



MAT 2828

(n,n') p  
Cross Section

28-Ni-59  
2.284 To 47.25 %



6

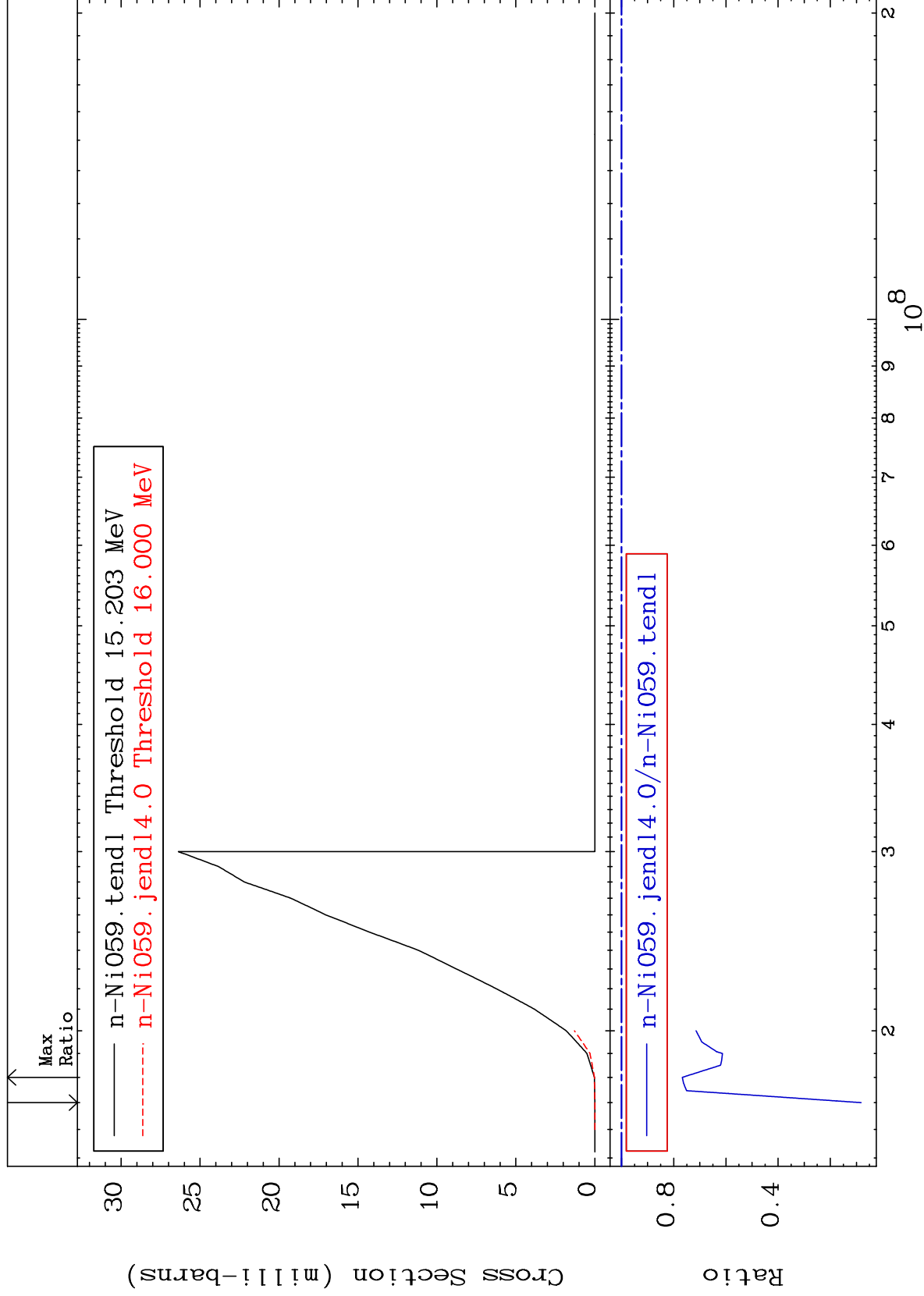
Incident Energy (eV)

28-Ni-59

MAT 2828

(n,n') d  
Cross Section

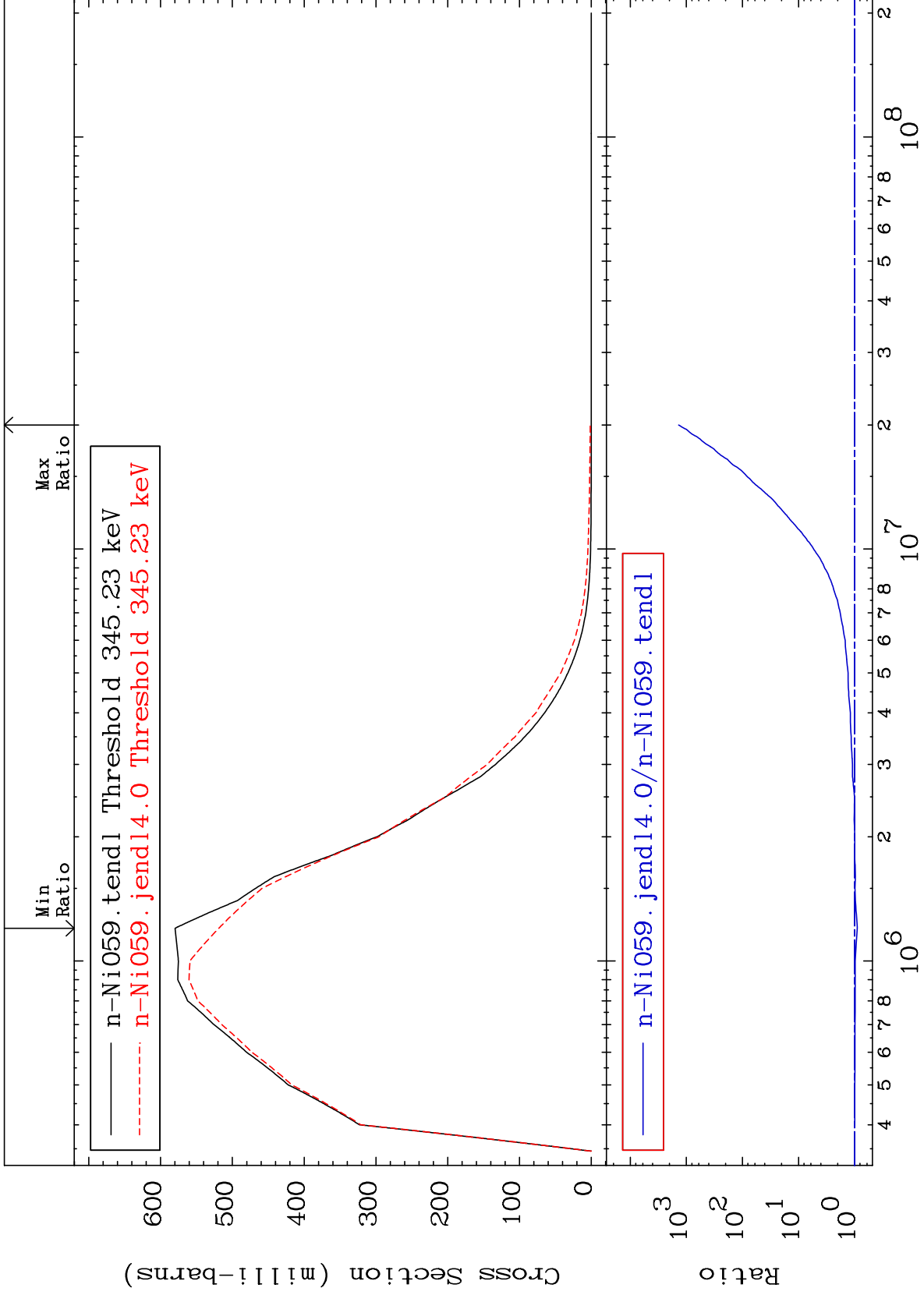
28-Ni-59  
-91.79 To -23.30%



MAT 2828

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

28-Ni-59  
-10.52 To 9999. %

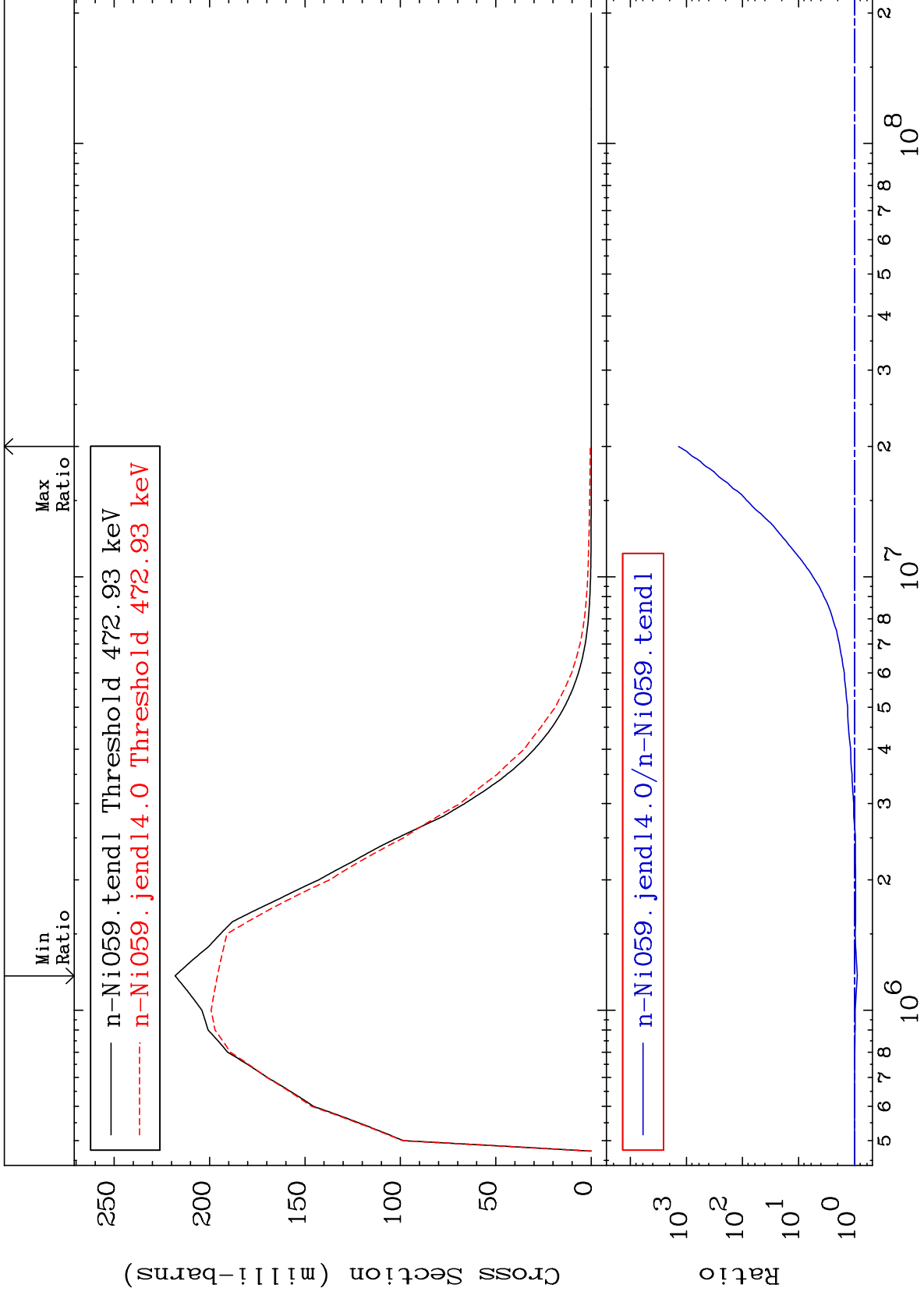




MAT 2828

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

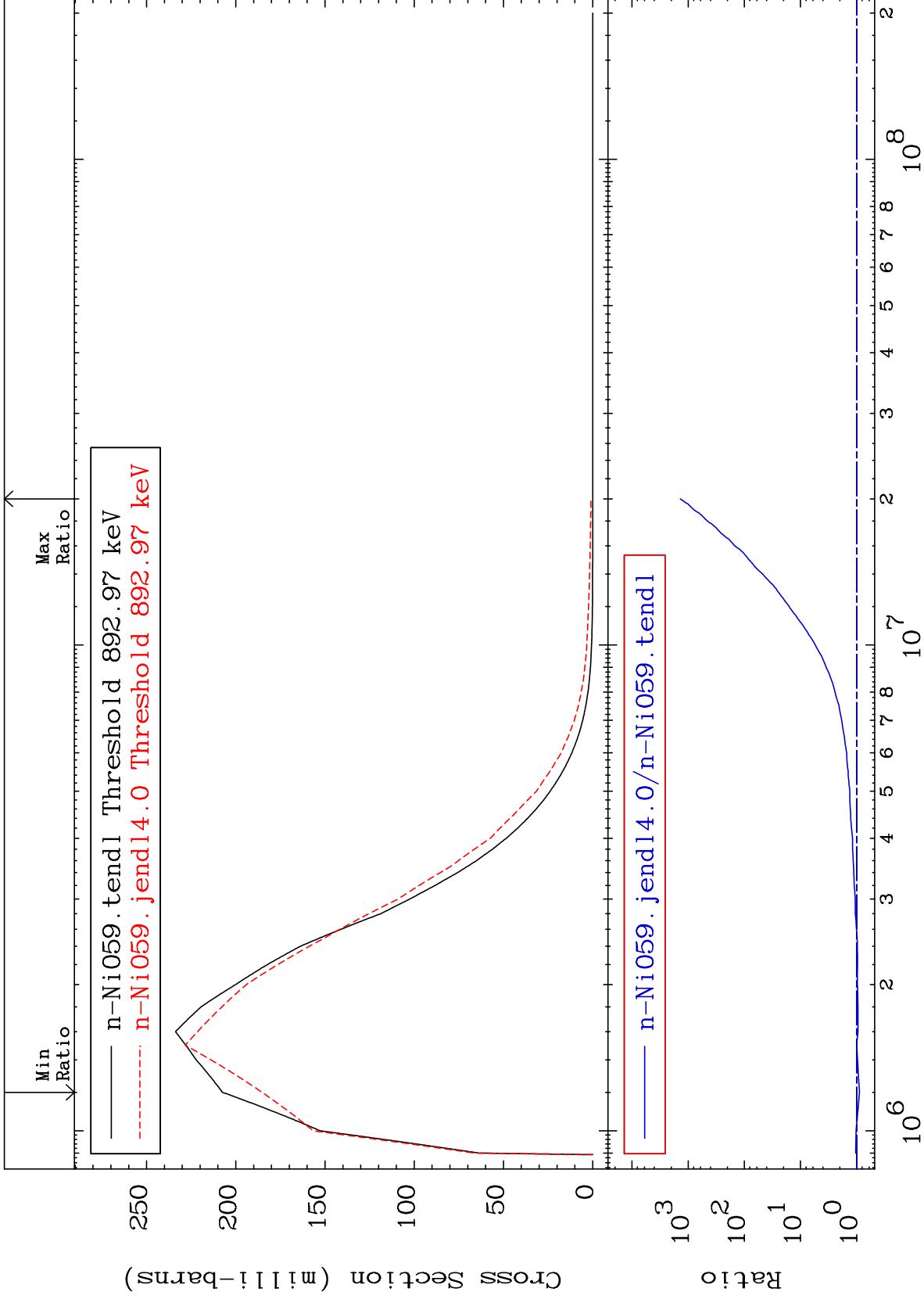
28-Ni-59  
-10.20 To 9999. %



MAT 2828

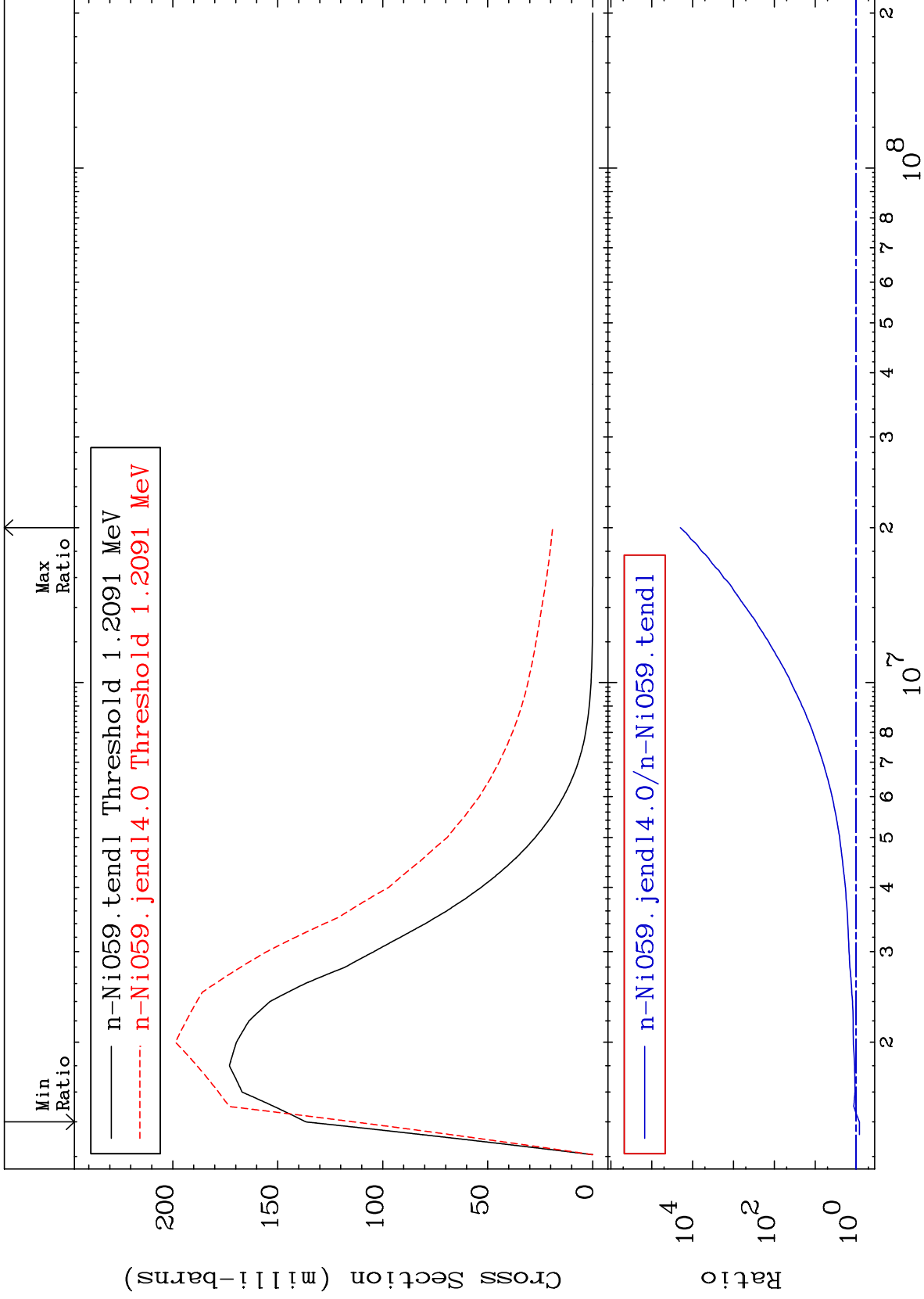
MT= 53 (n,n') Level  
Cross Section

28-Ni-59  
-10.69 To 9999. %



Incident Energy (eV)

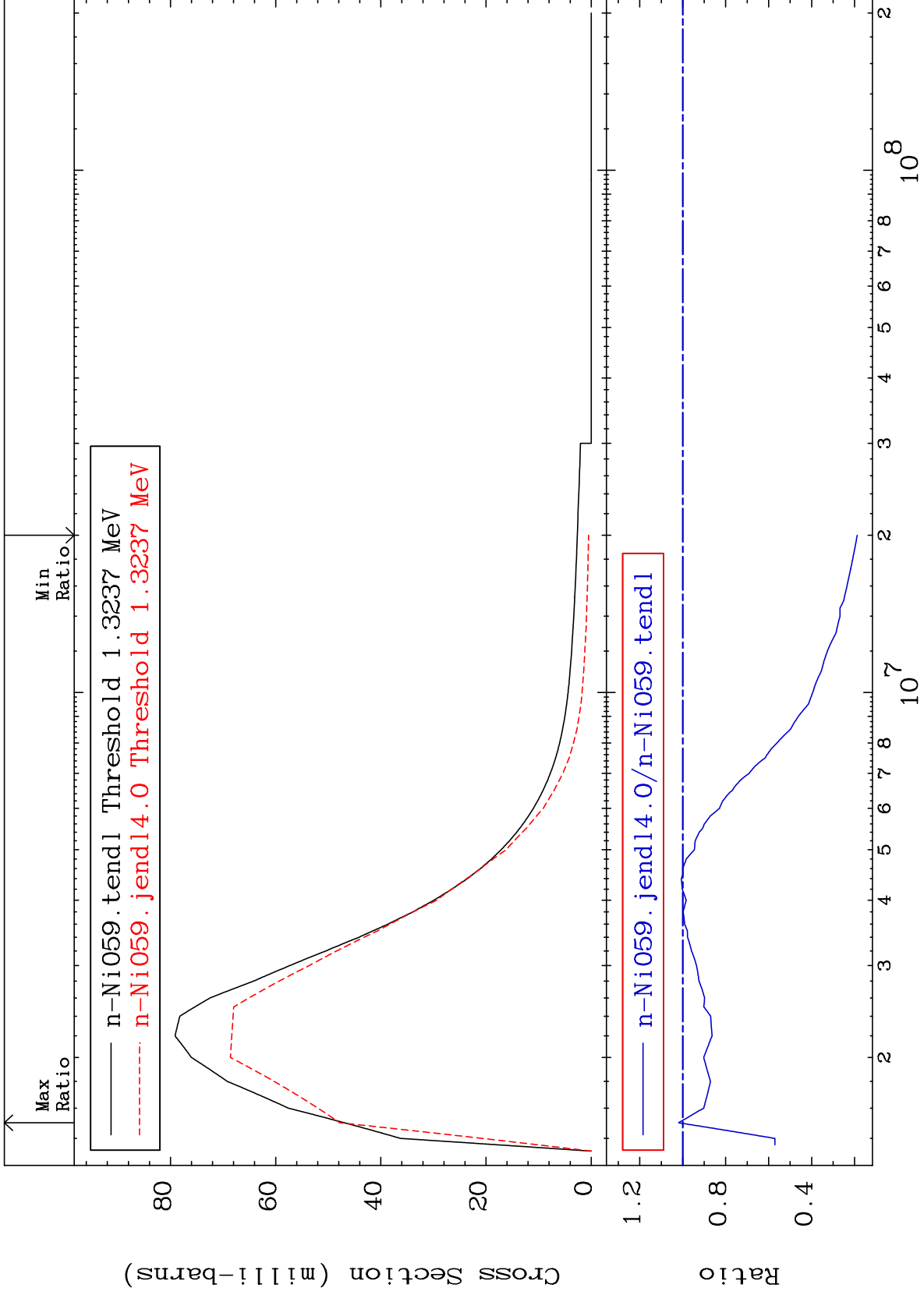
28-Ni-59

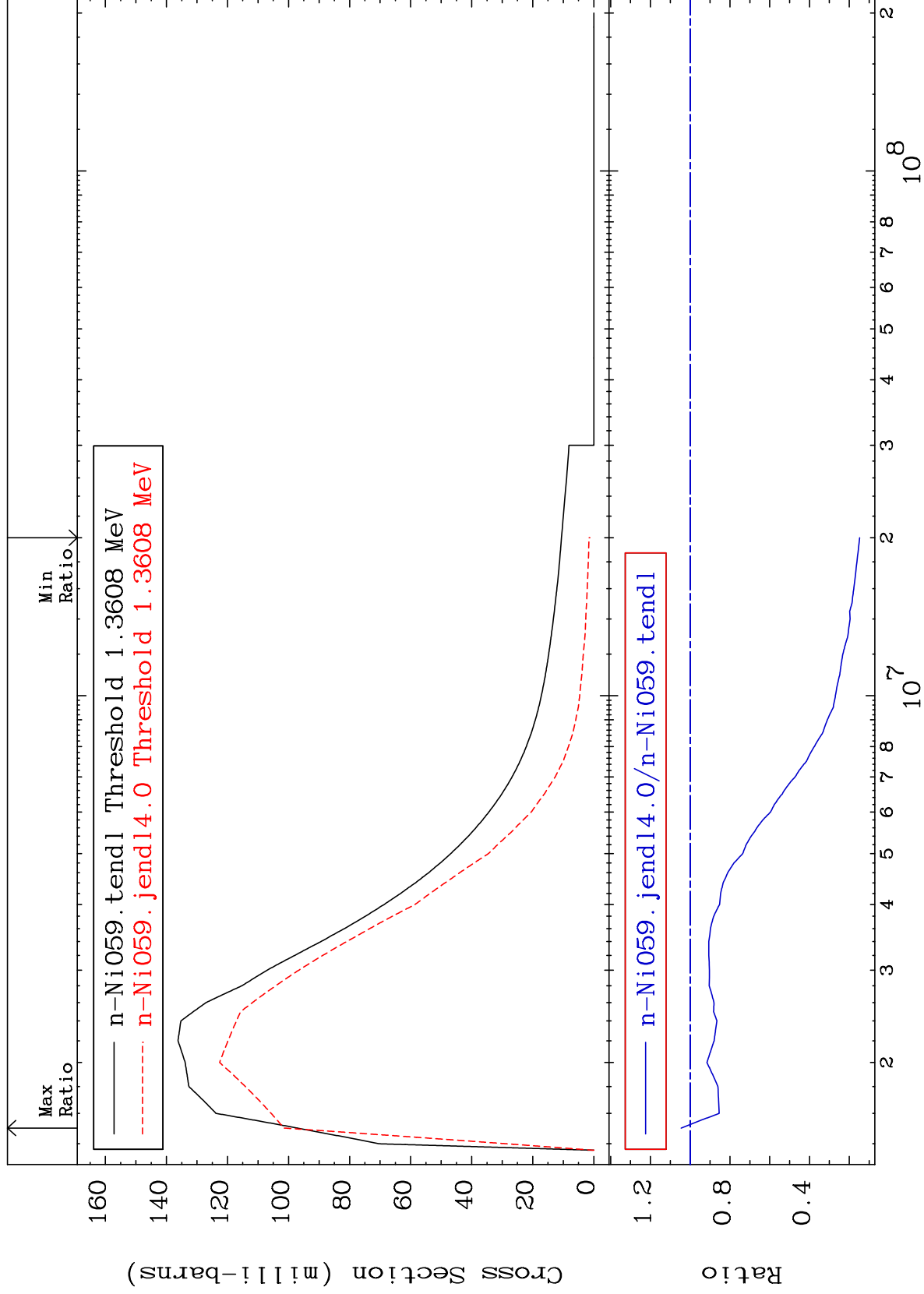


MAT 2828

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

28-Ni-59  
-81.24 To 1.905 %

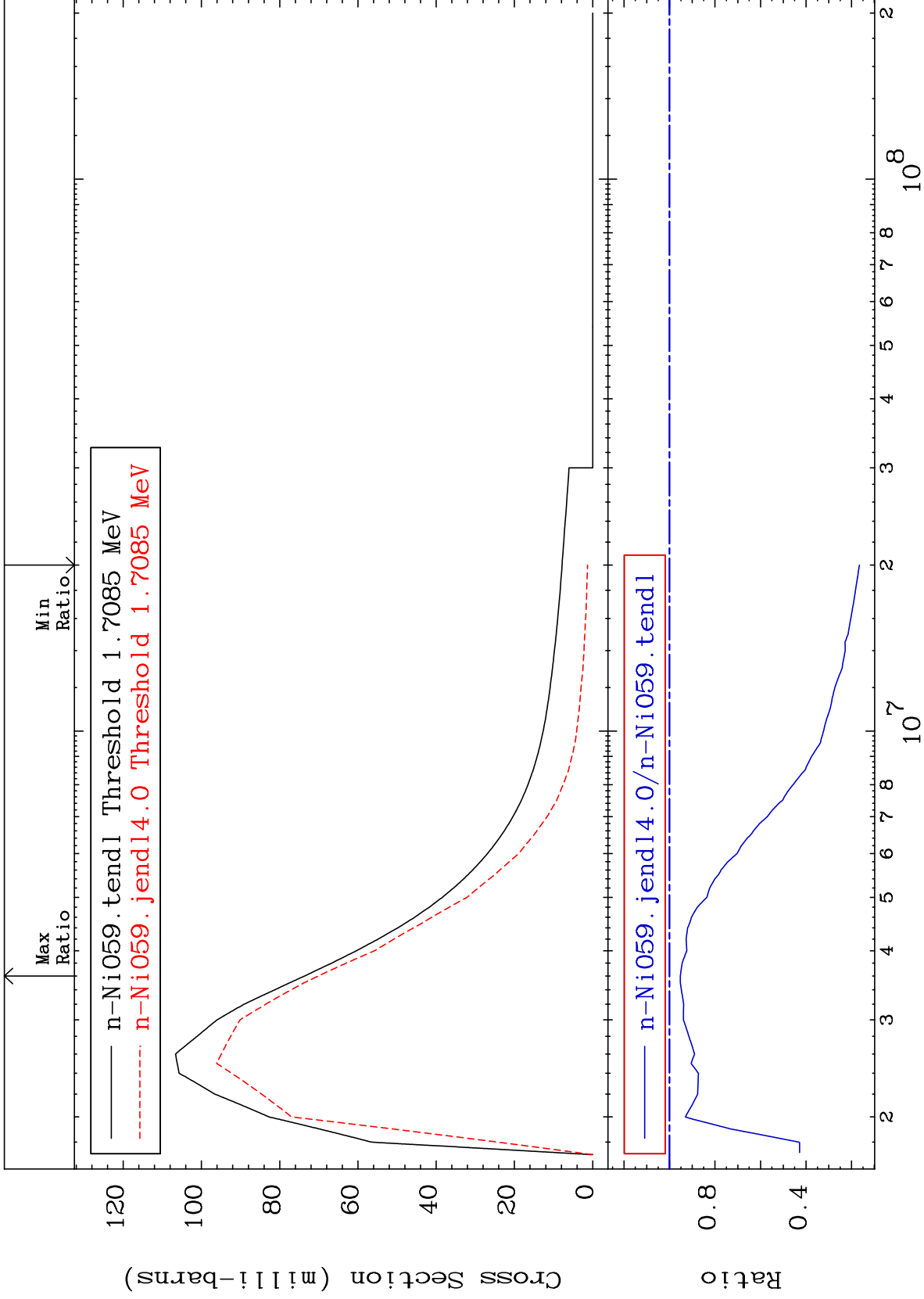




MAT 2828

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

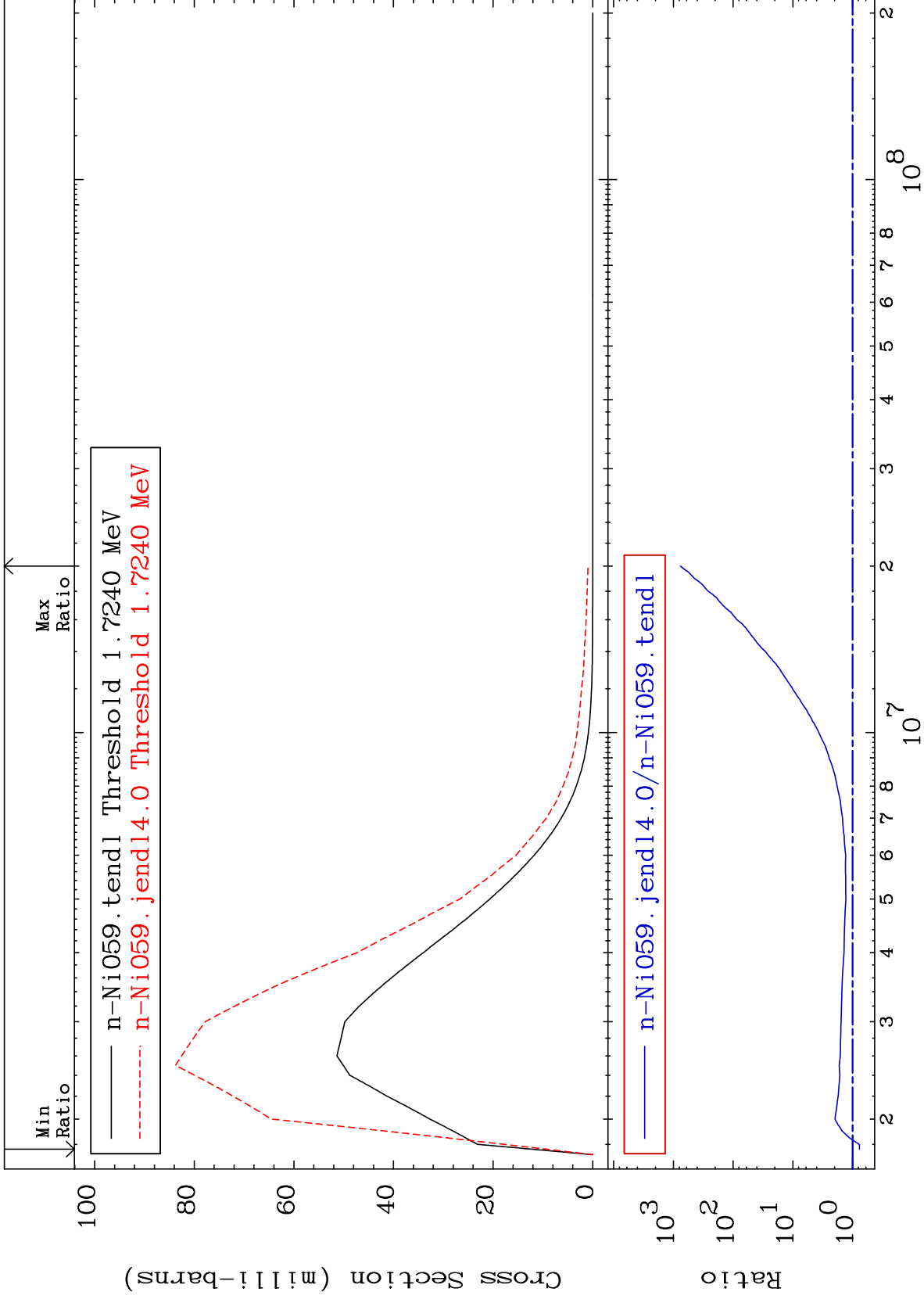
28-Ni-59  
-83.46 To -4.776%



14

Incident Energy (eV)

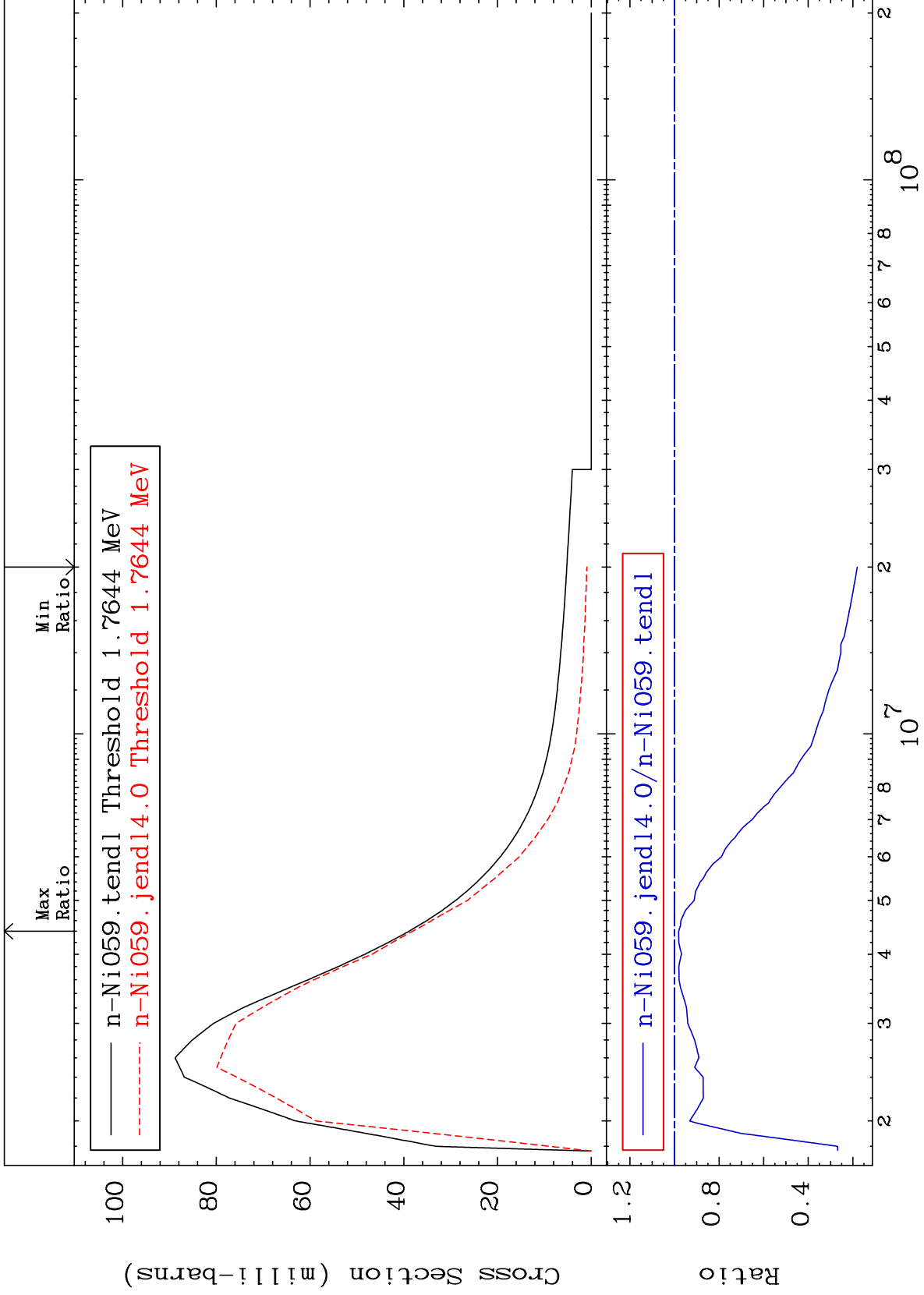
28-Ni-59



MAT 2828

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

28-Ni-59  
-81.98 To -1.871%



16

Incident Energy (eV)

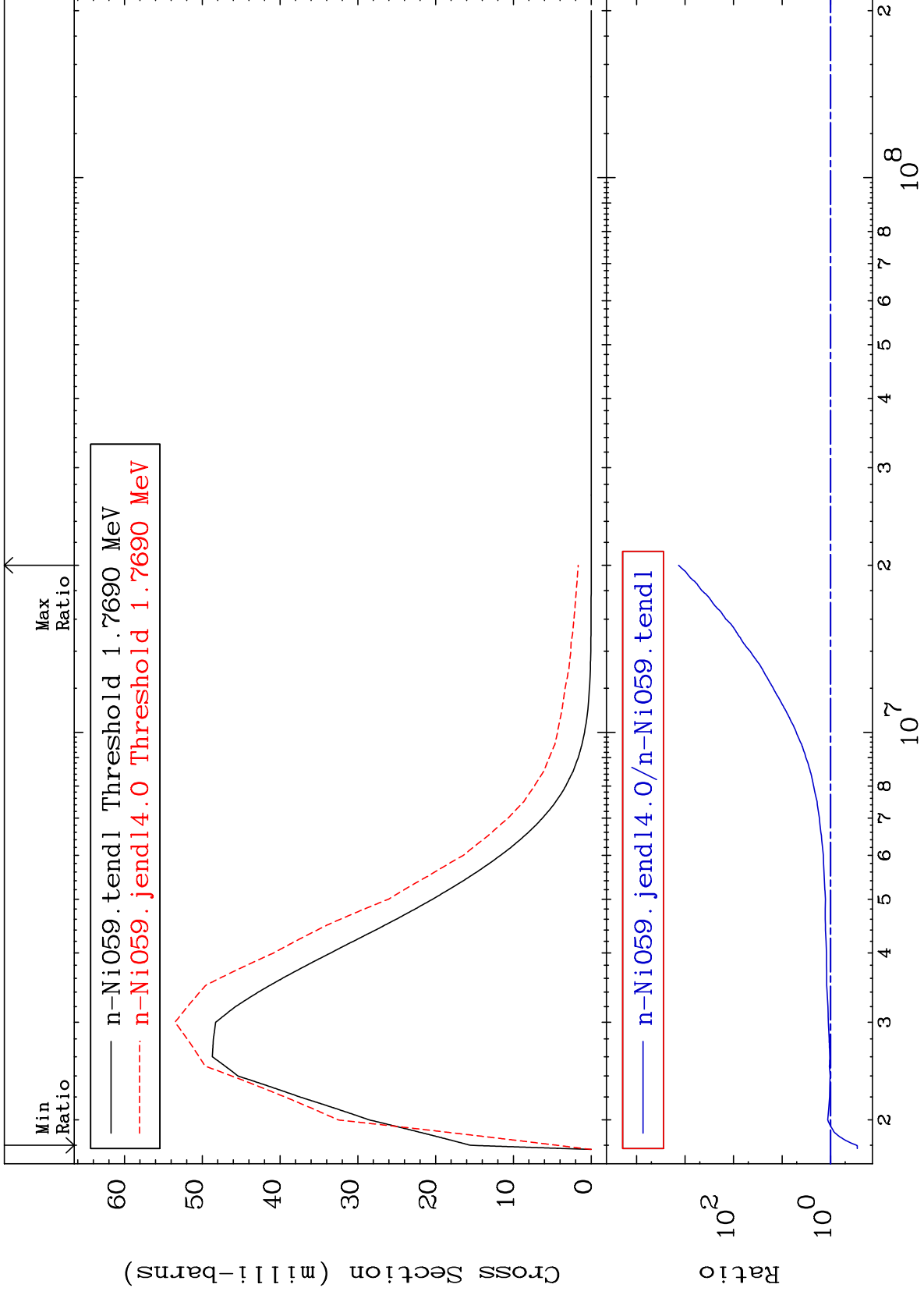
28-Ni-59



MAT 2828

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

28-Ni-59  
-71.87 To 9999. %



17

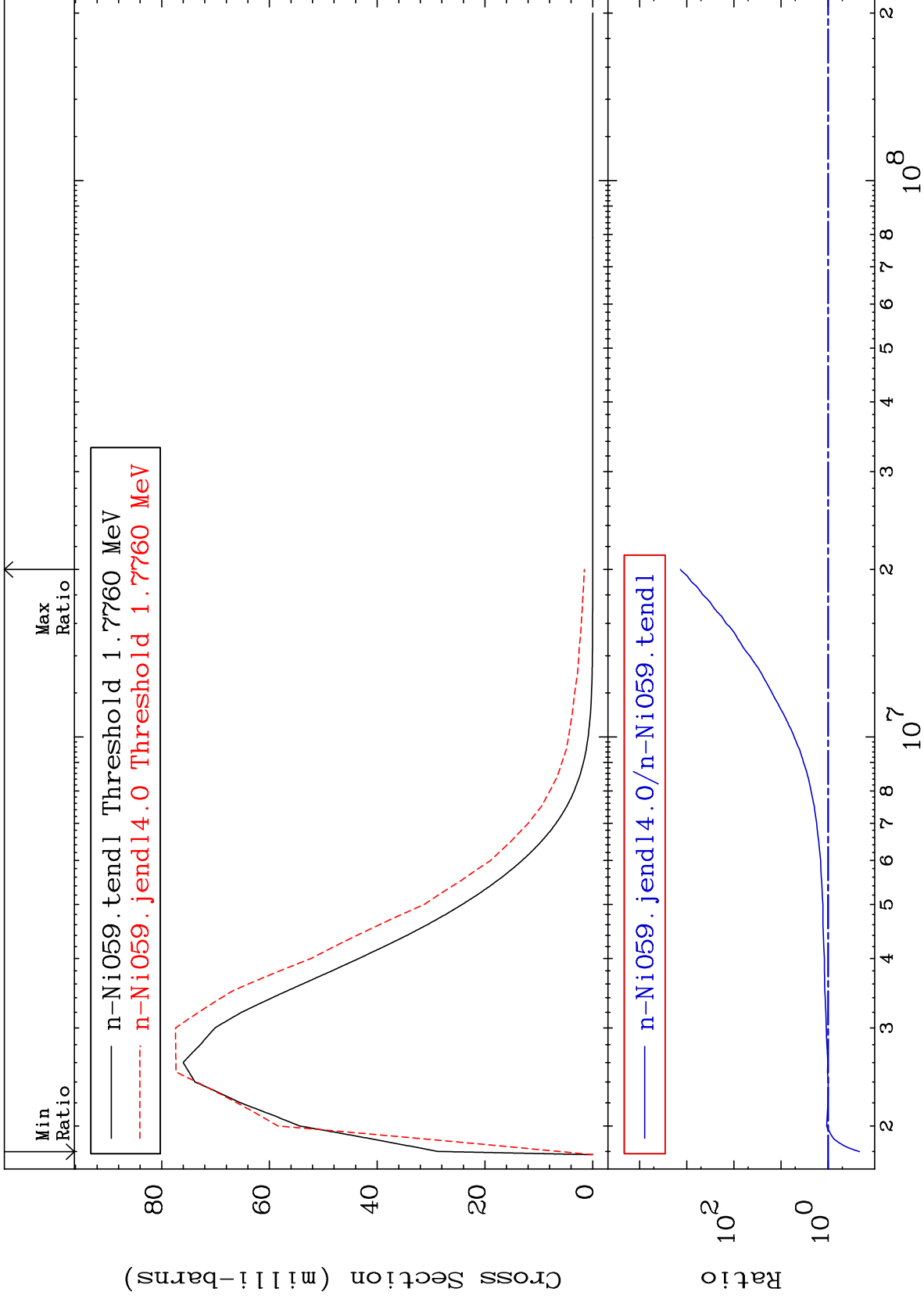
Incident Energy (eV)

28-Ni-59

MAT 2828

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

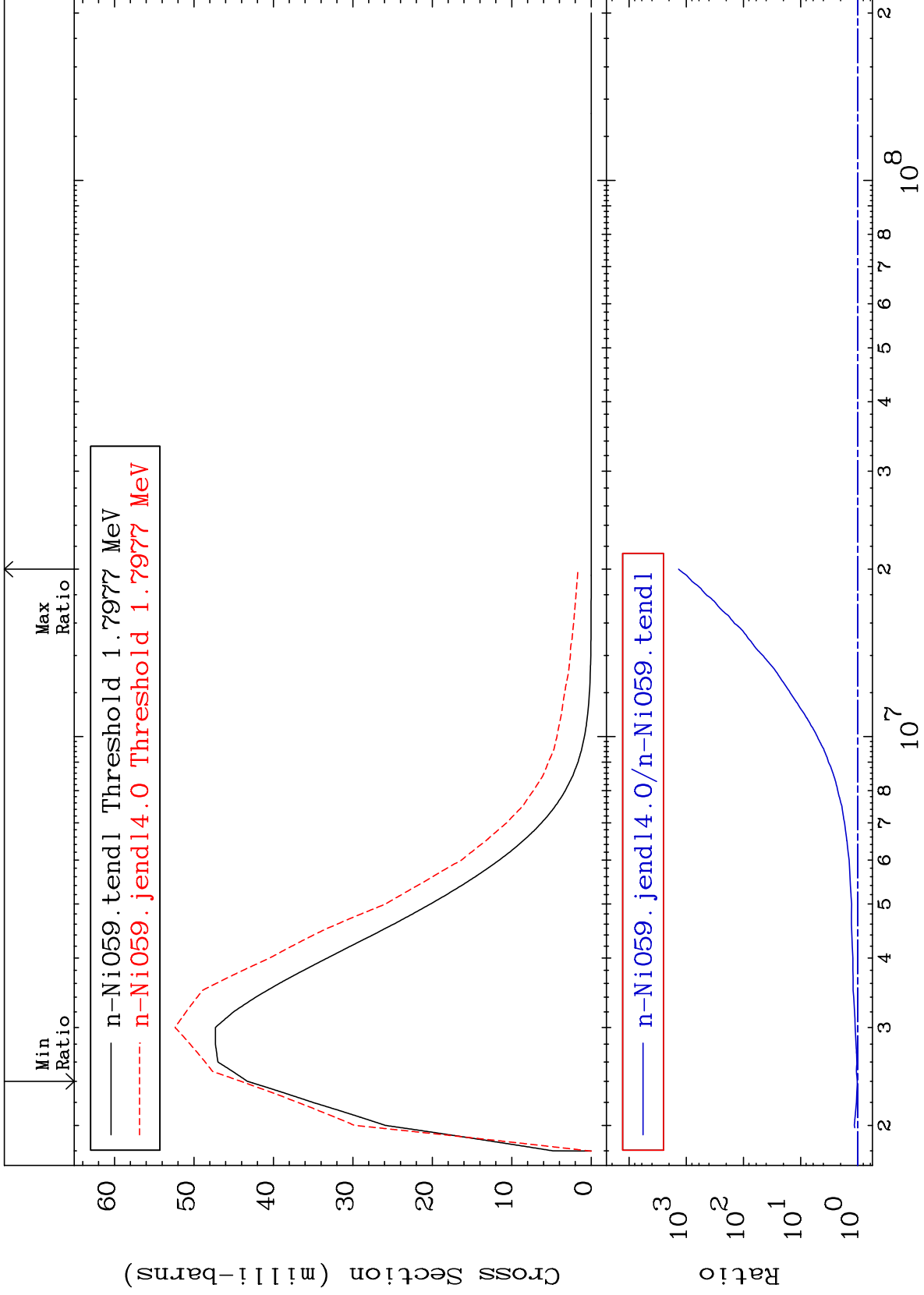
28-Ni-59  
-78.24 To 9999. %



MAT 2828

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

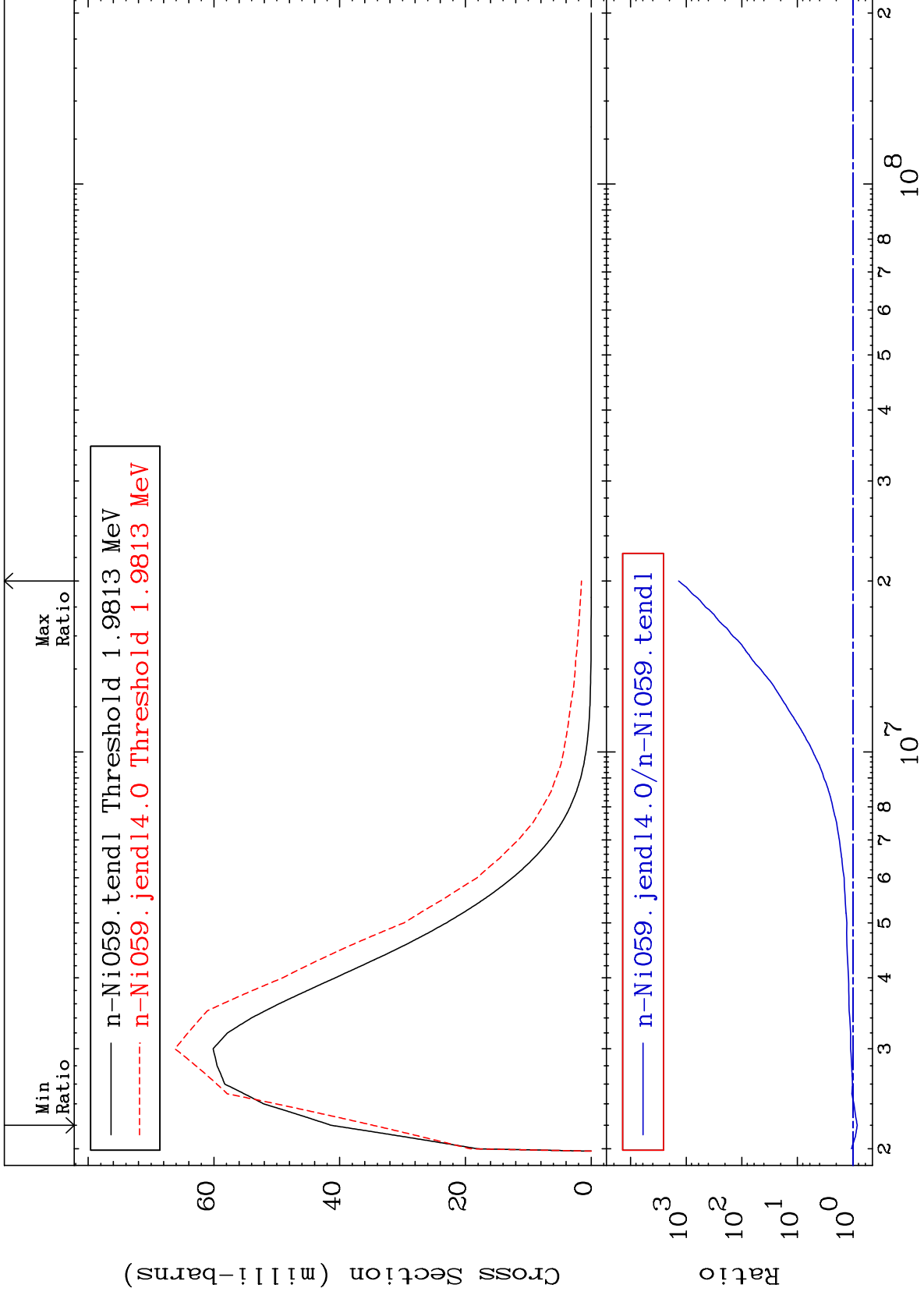
28-Ni-59  
1.899 To 9999. %



MAT 2828

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

28-Ni-59  
-16.12 To 9999. %



20

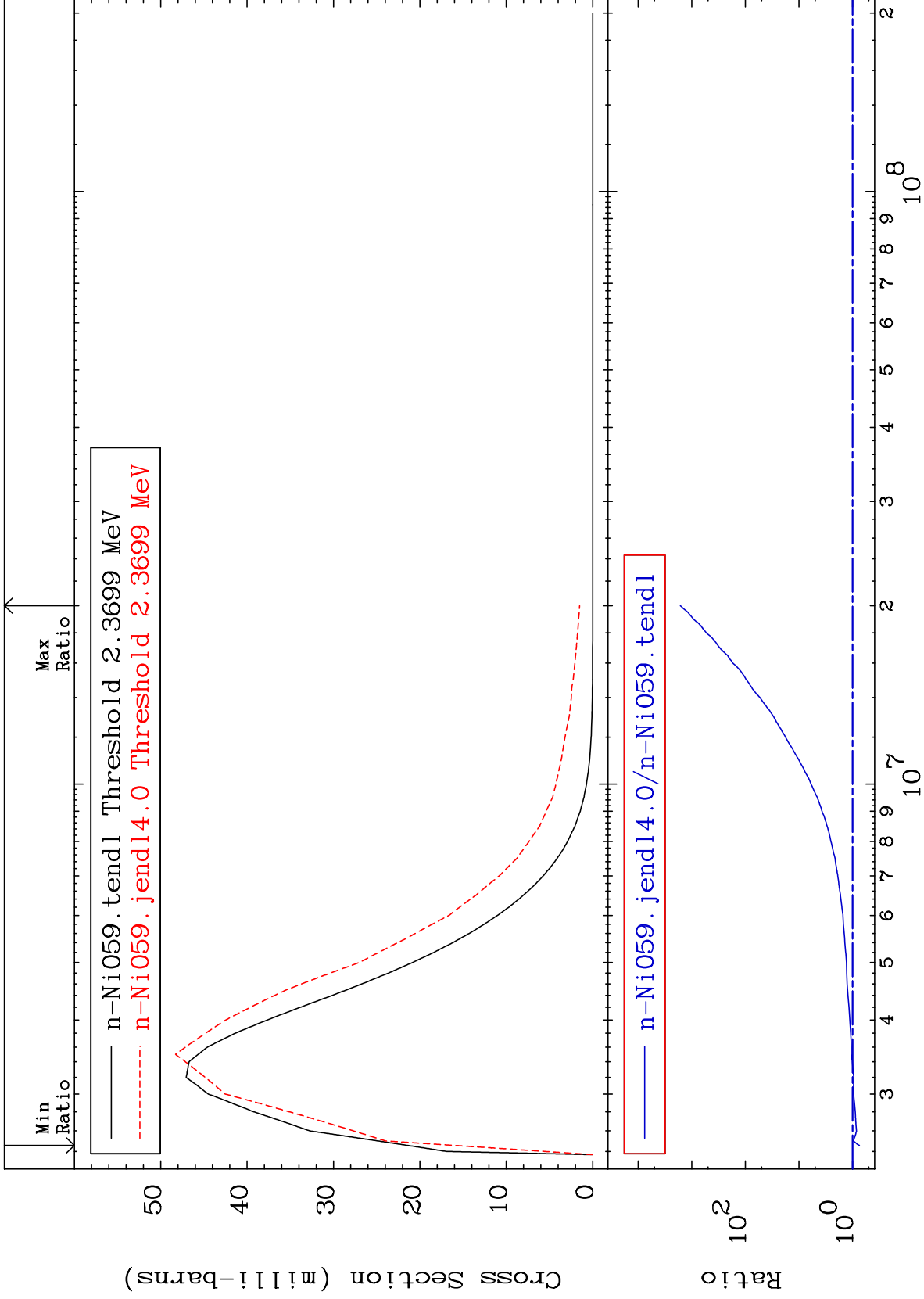
Incident Energy (eV)

28-Ni-59

MAT 2828

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

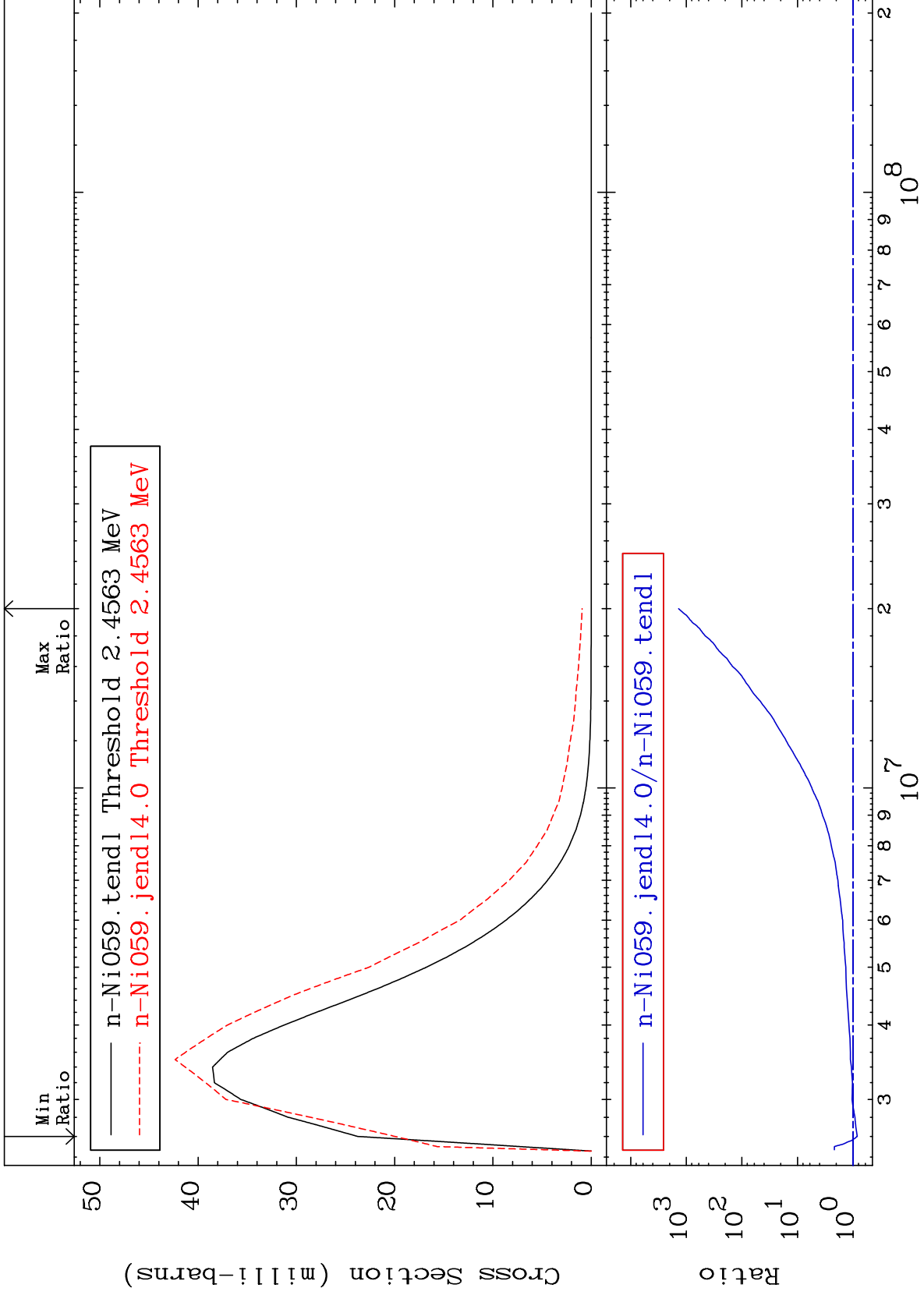
28-Ni-59  
-25.48 To 9999. %



MAT 2828

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

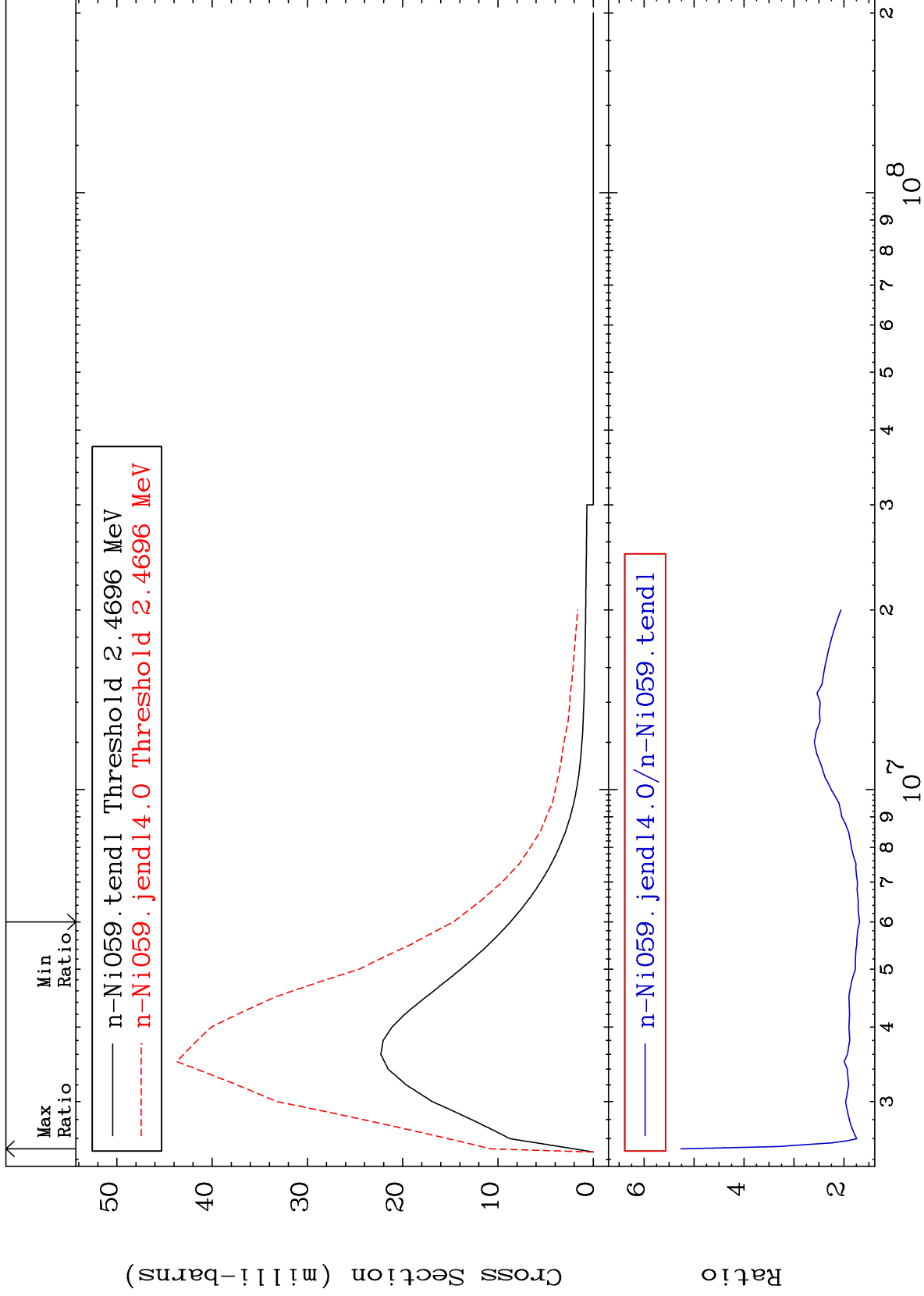
28-Ni-59  
-15.98 To 9999. %

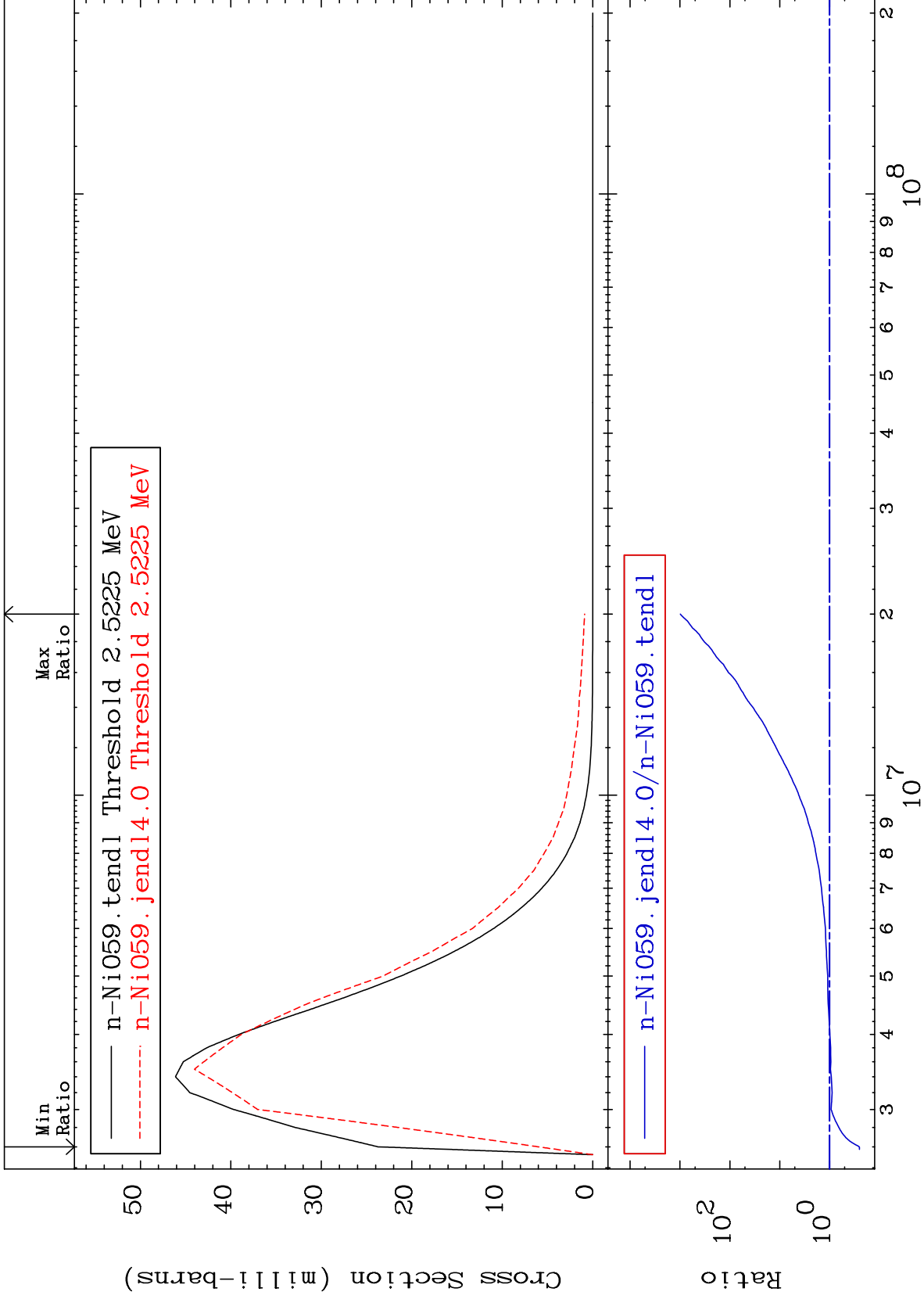


MAT 2828

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

28-Ni-59  
68.68 To 426.5 %



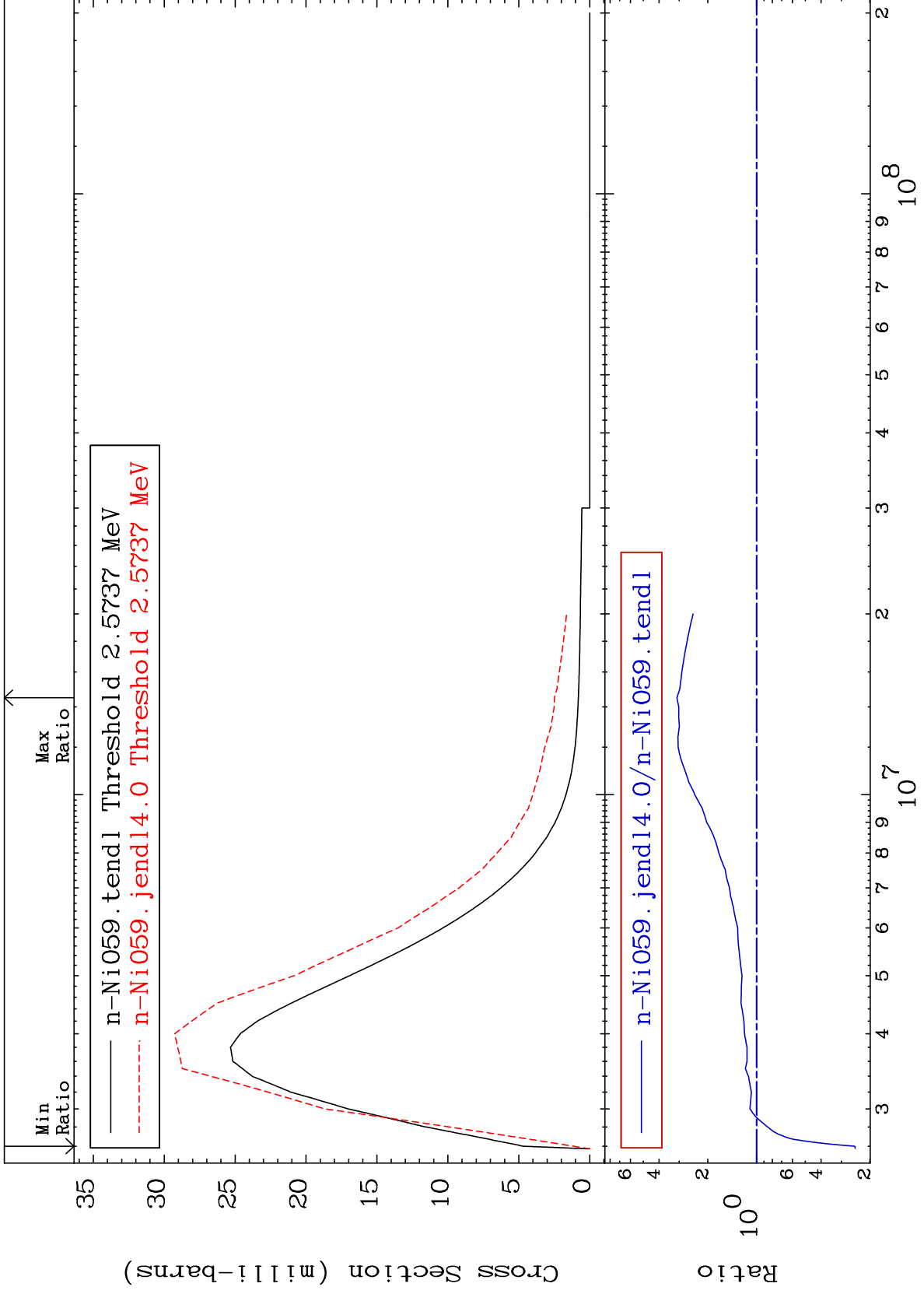




MAT 2828

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

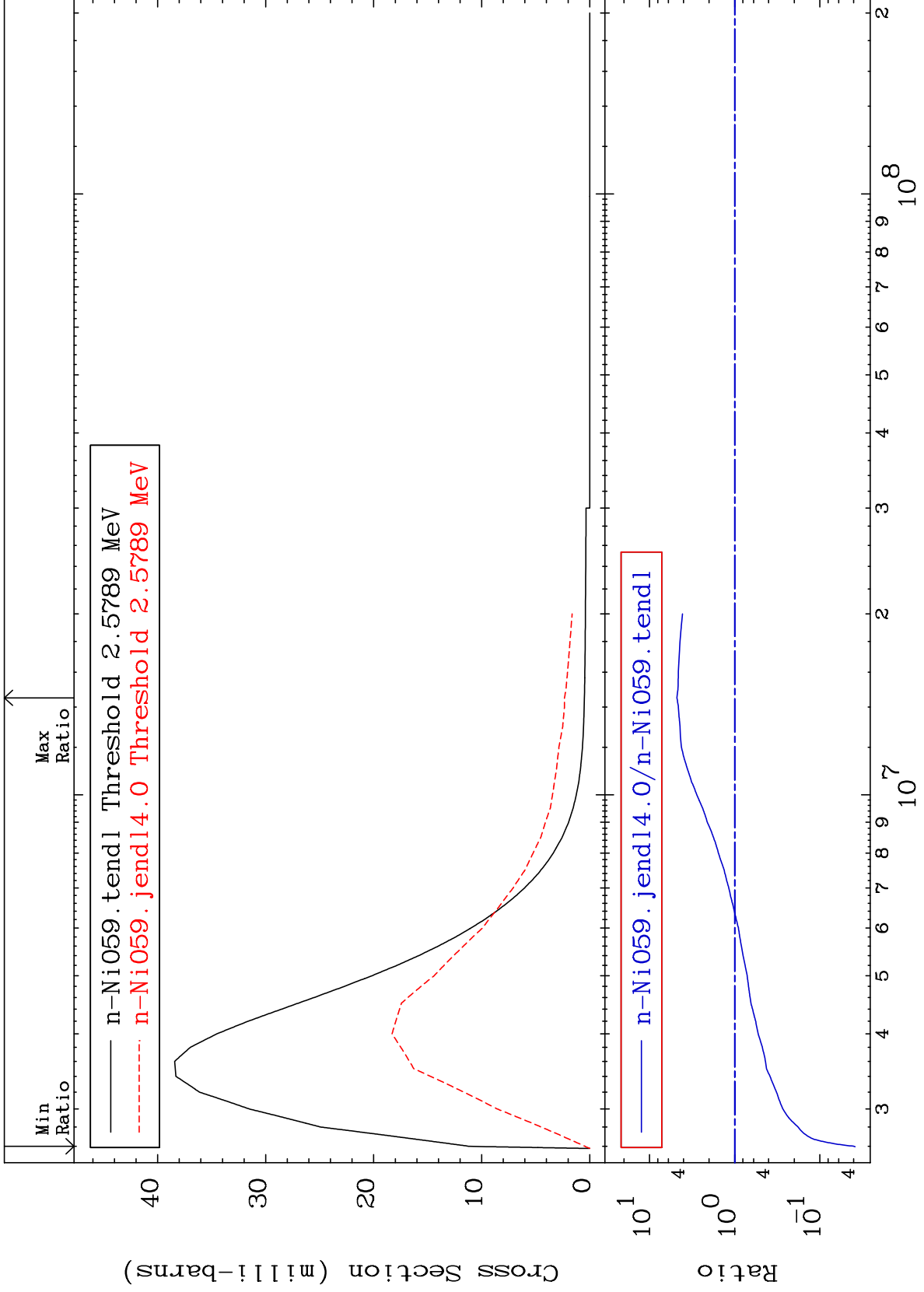
28-Ni-59  
-75.33 To 210.0 %



MAT 2828

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

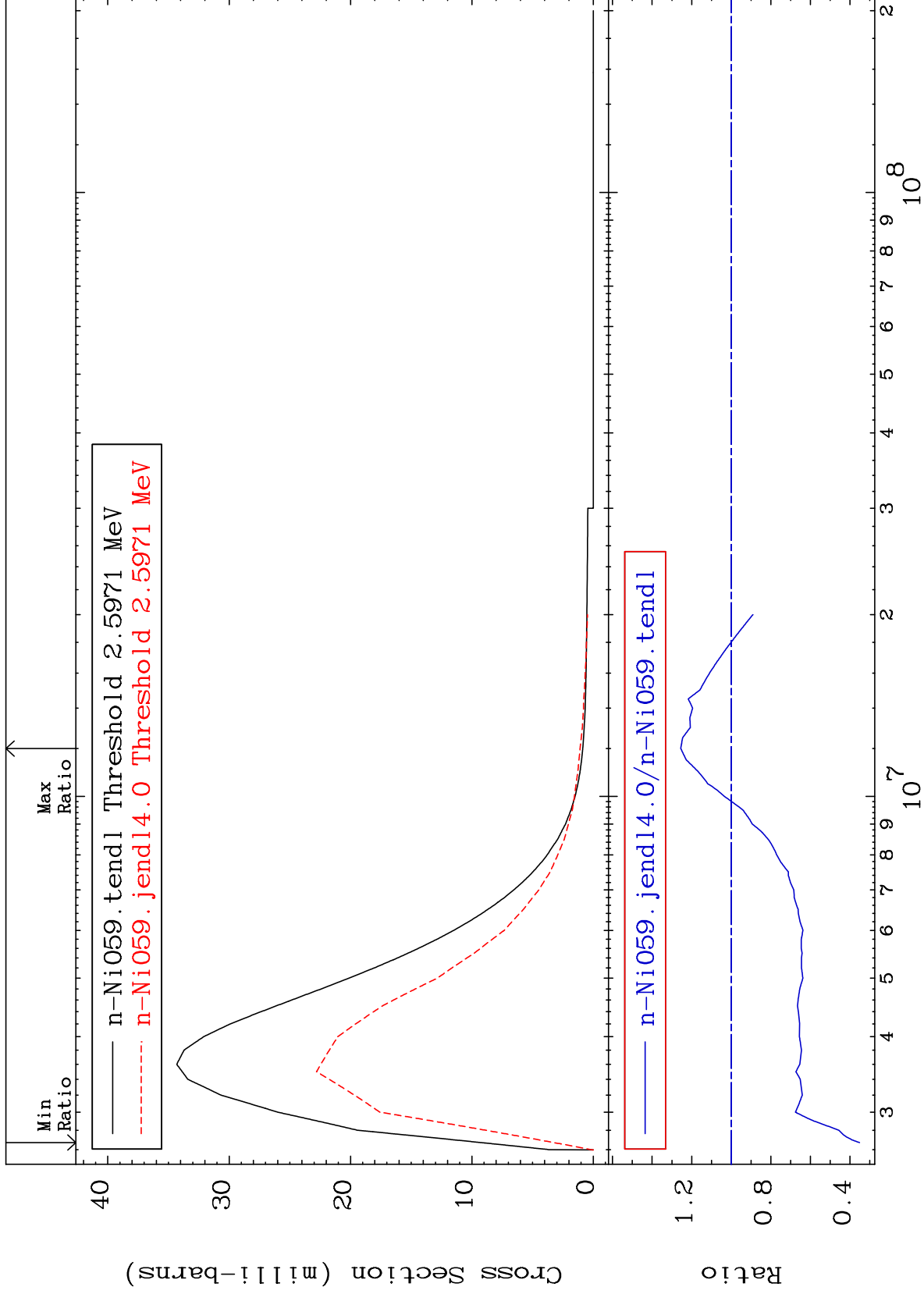
28-Ni-59  
-96.15 To 377.0 %



MAT 2828

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

28-Ni-59  
-64.80 To 25.51 %



27

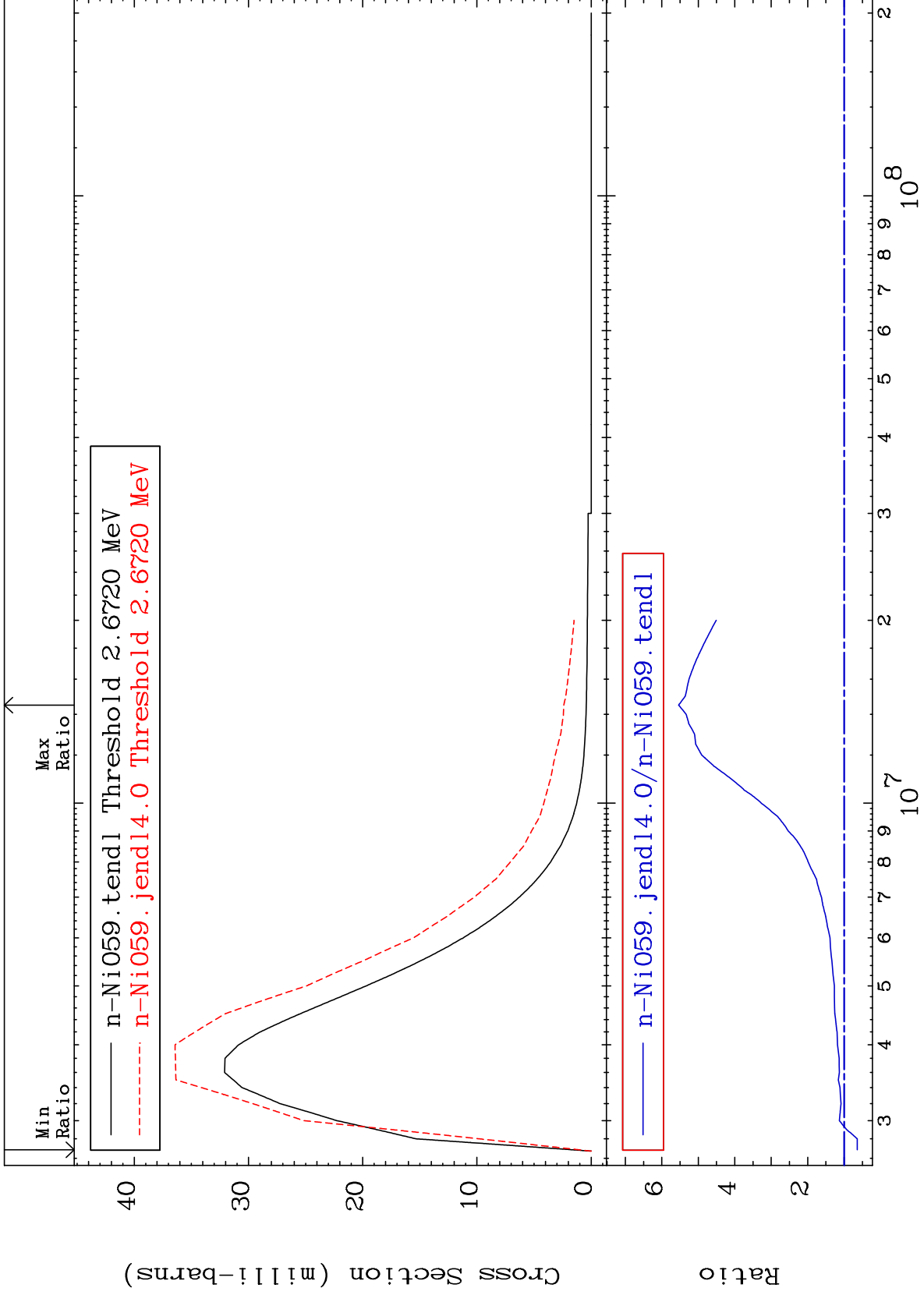
Incident Energy (eV)

28-Ni-59

MAT 2828

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

28-Ni-59  
-35.94 To 453.8 %



28

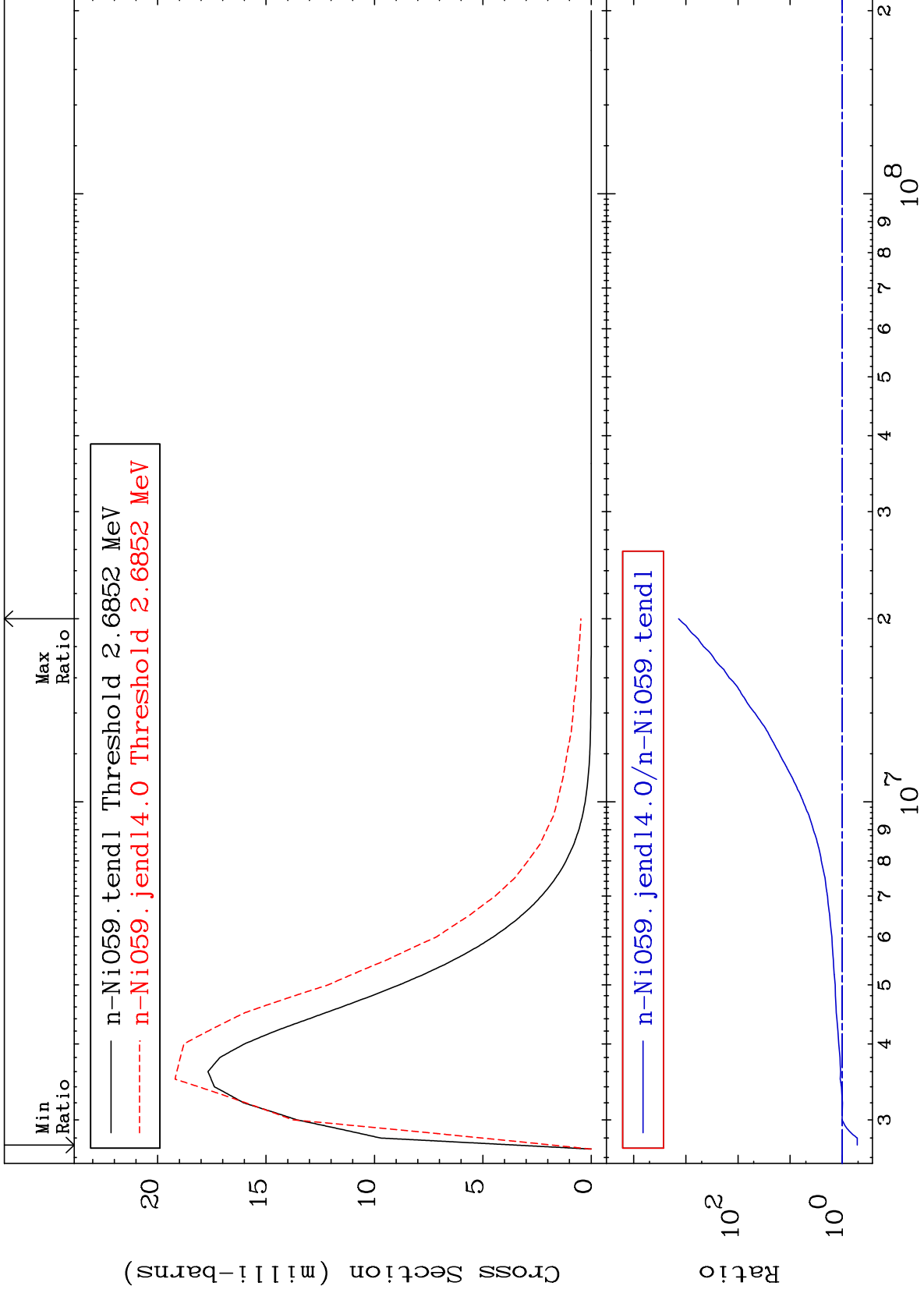
Incident Energy (eV)

28-Ni-59

MAT 2828

MT= 72 (n,n') Level  
Cross Section

28-Ni-59  
-48.33 To 9999. %



29

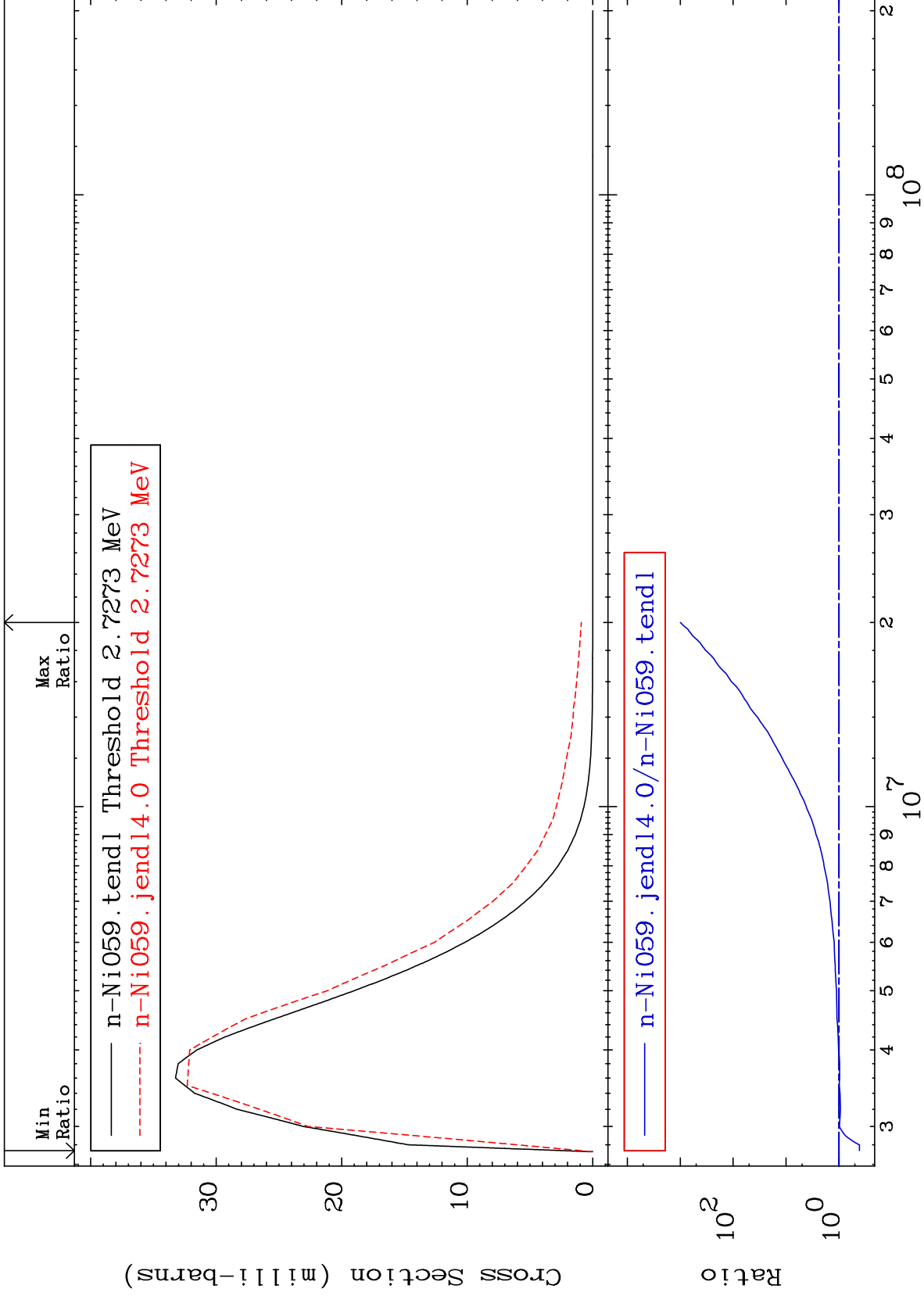
Incident Energy (eV)

28-Ni-59

MAT 2828

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

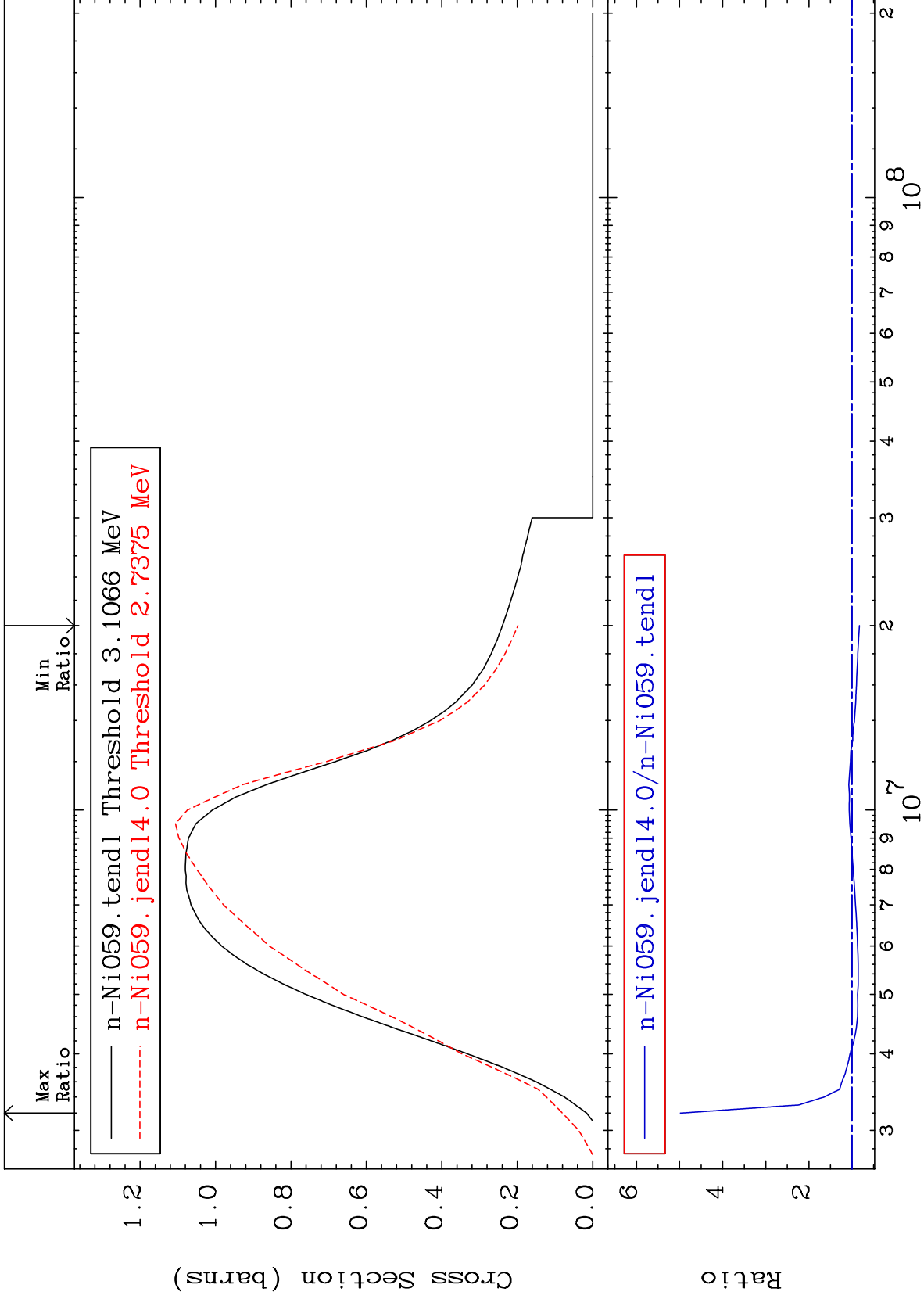
28-Ni-59  
-58.89 To 9999. %



30

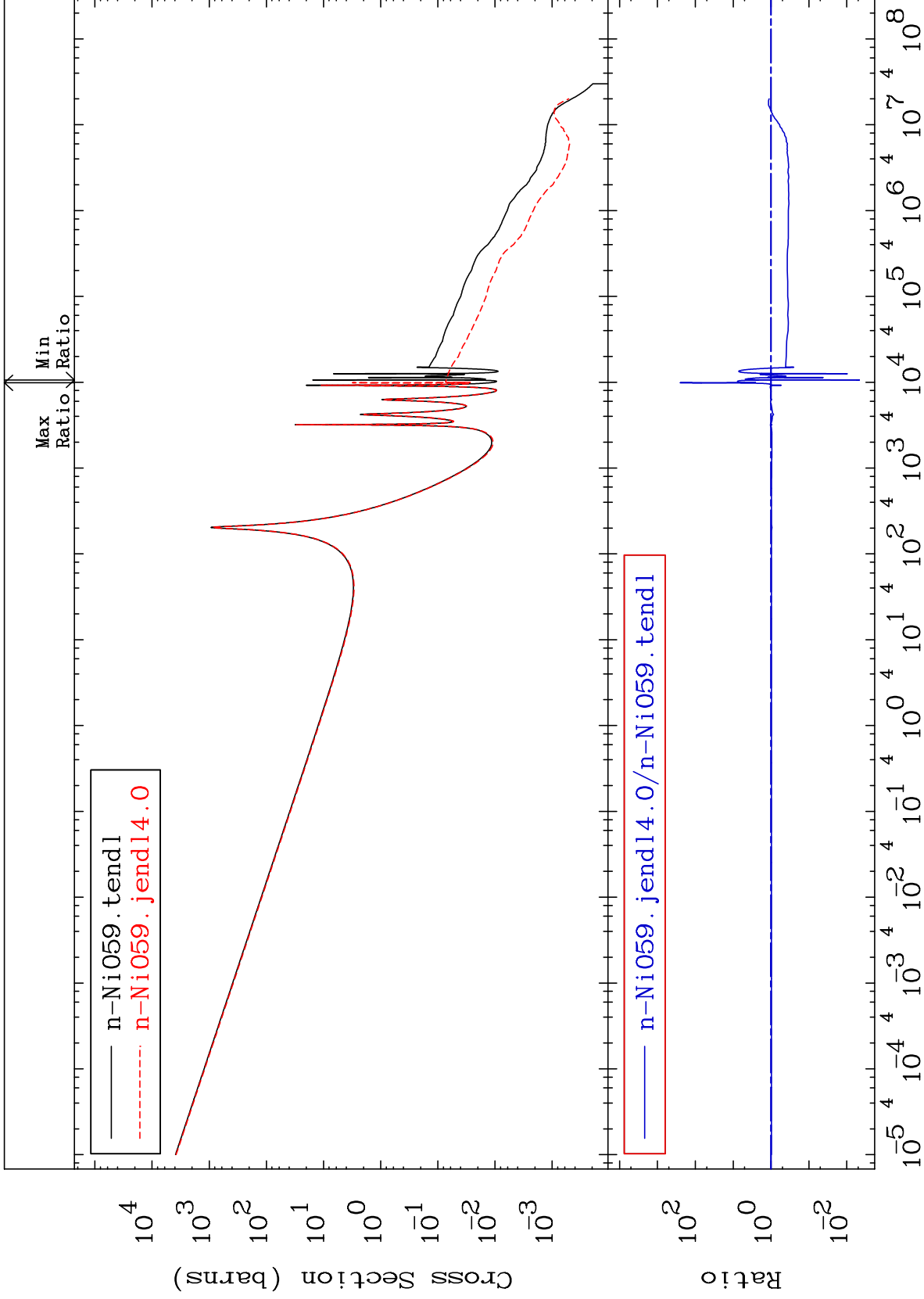
Incident Energy (eV)

28-Ni-59



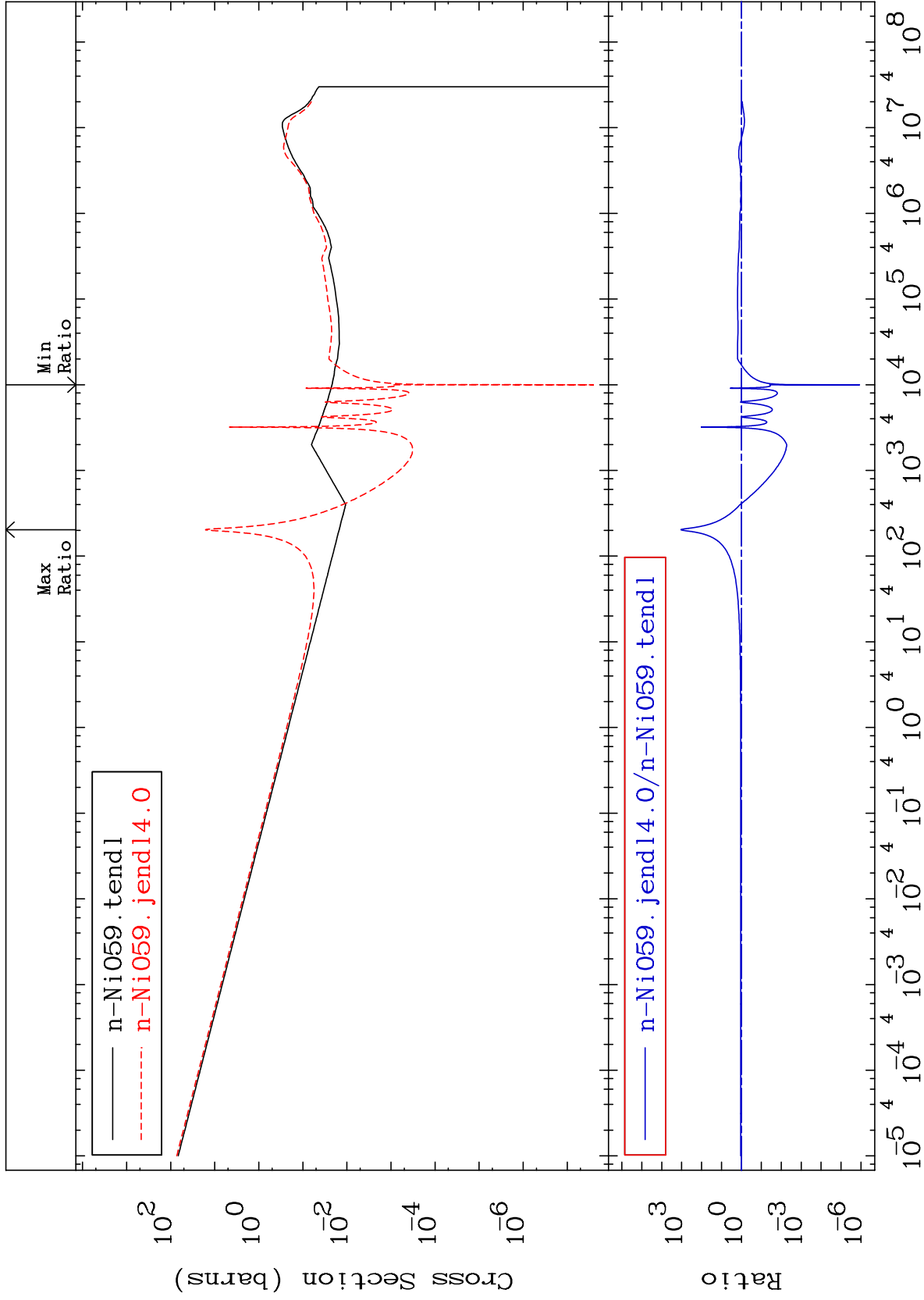
Cross Section

-99.54 To 9999. %



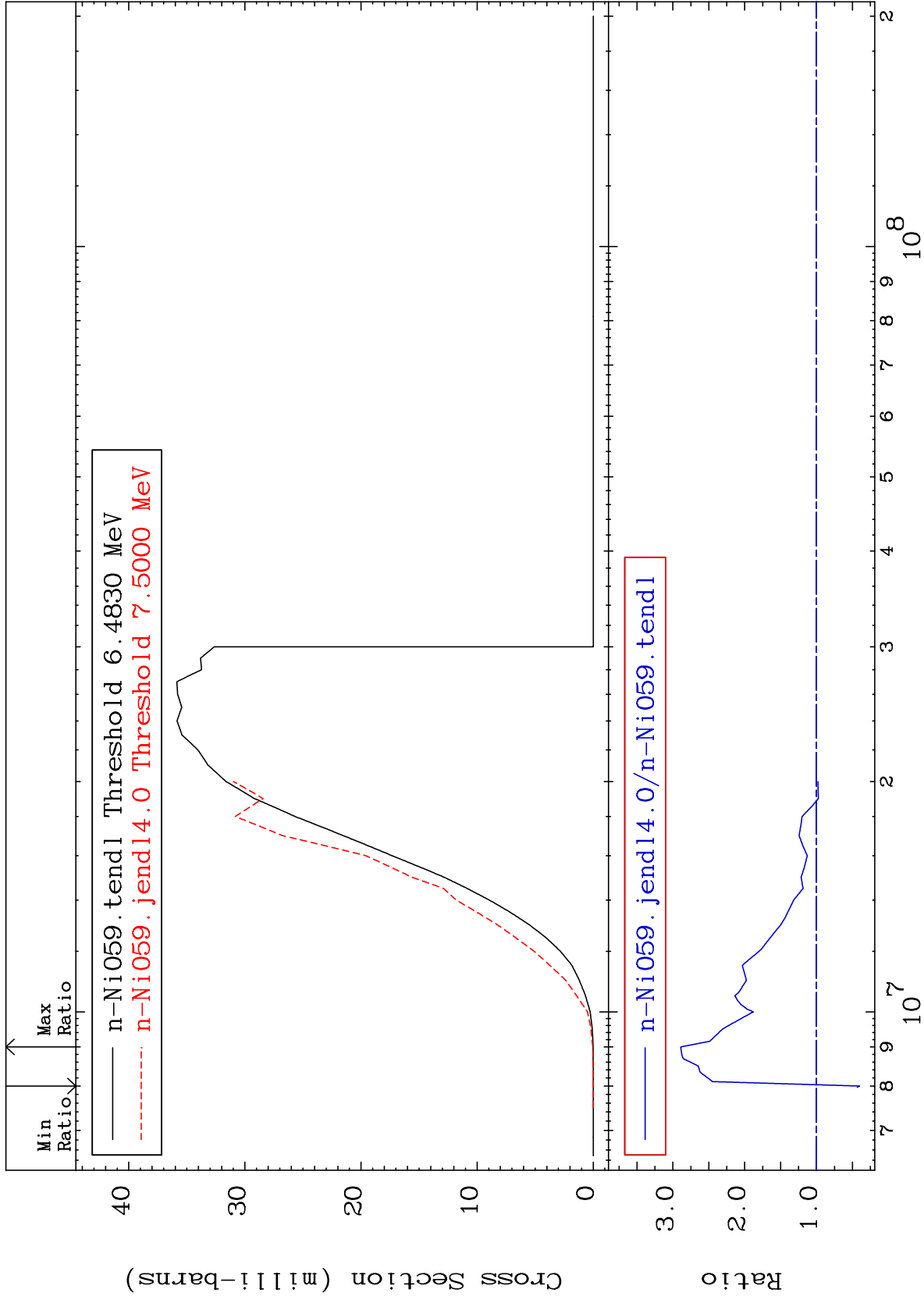


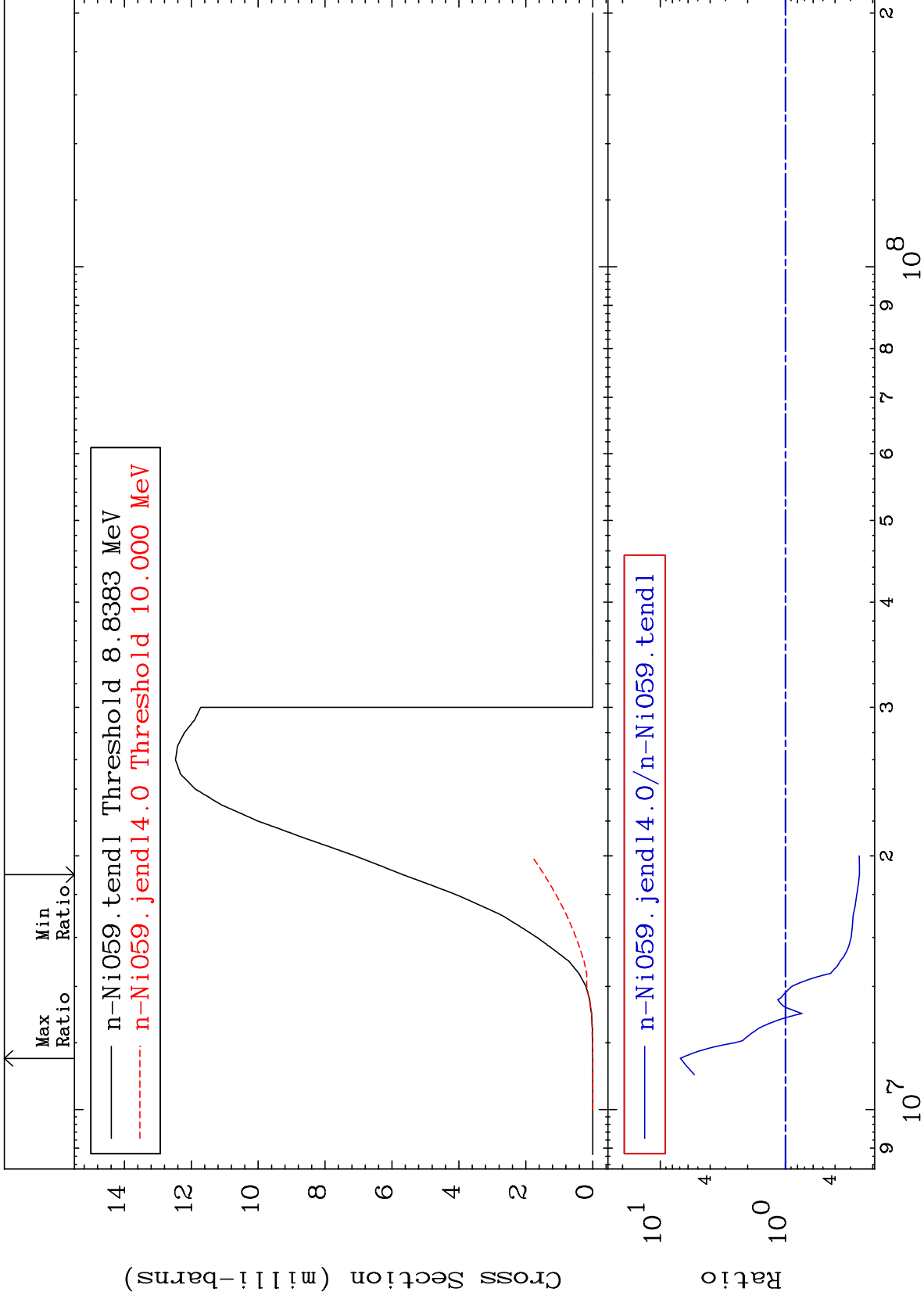
(n,p)  
Cross Section  
-100.0 To 9999. %



Cross Section

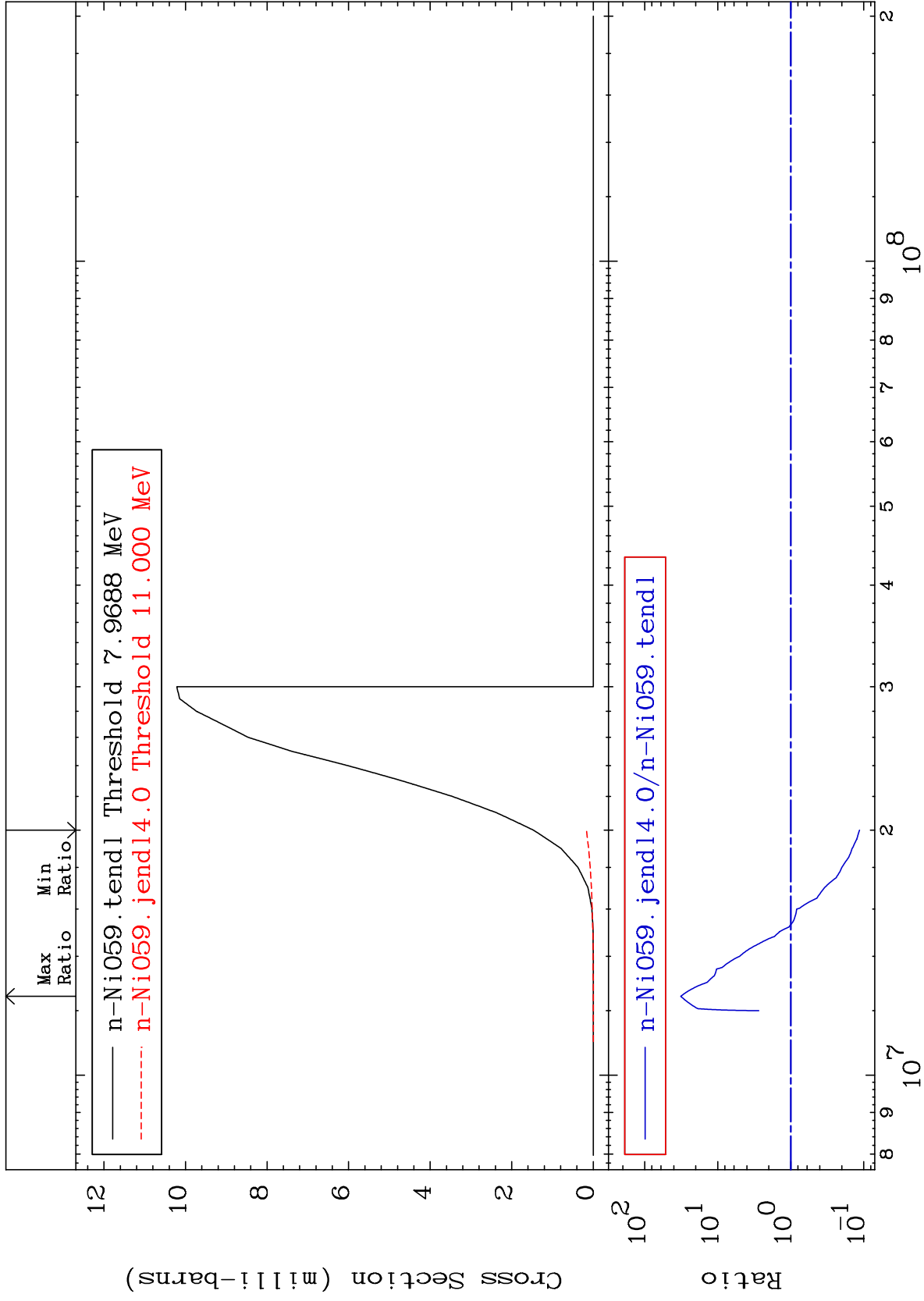
-59.91 To 189.1 %

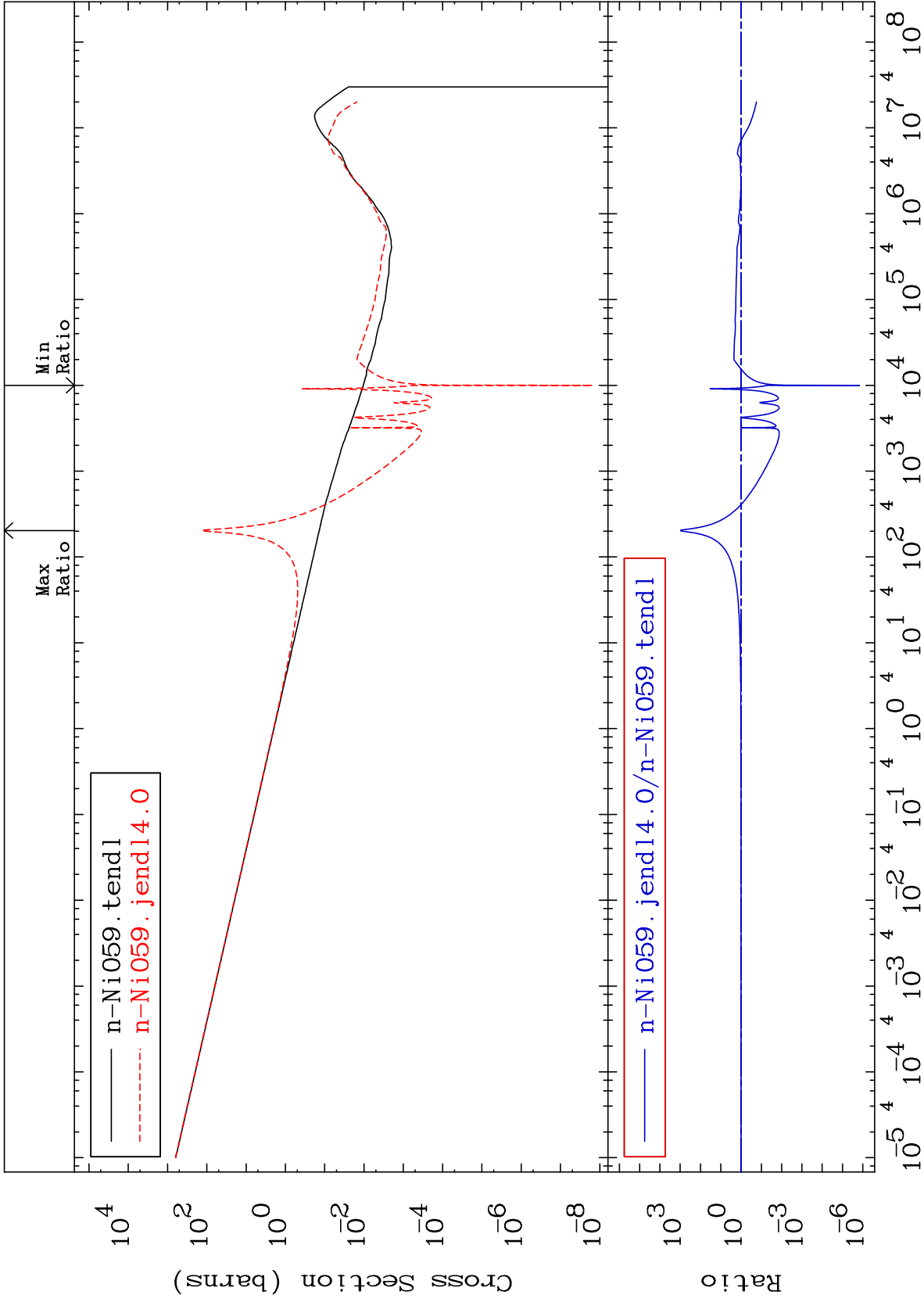


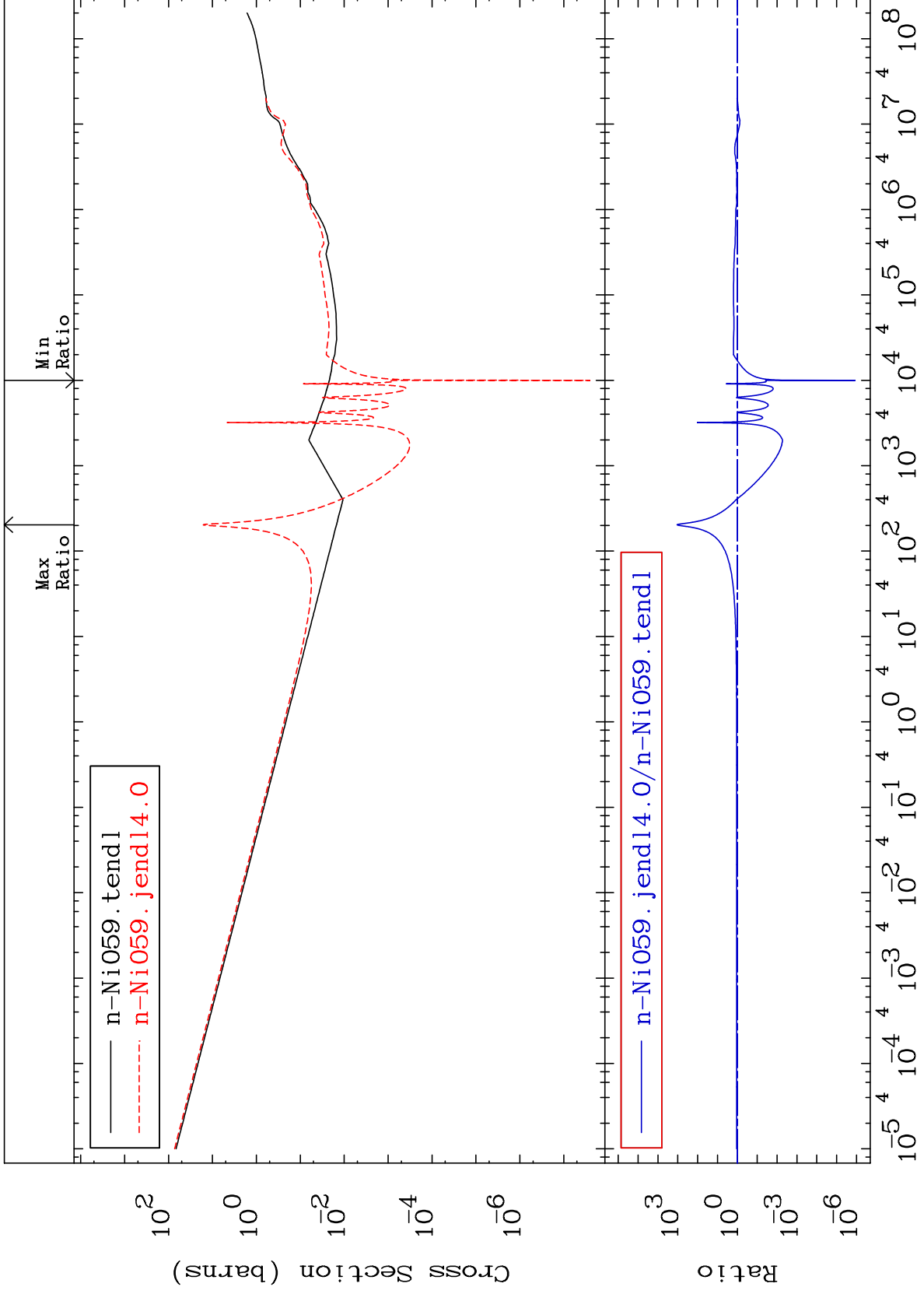


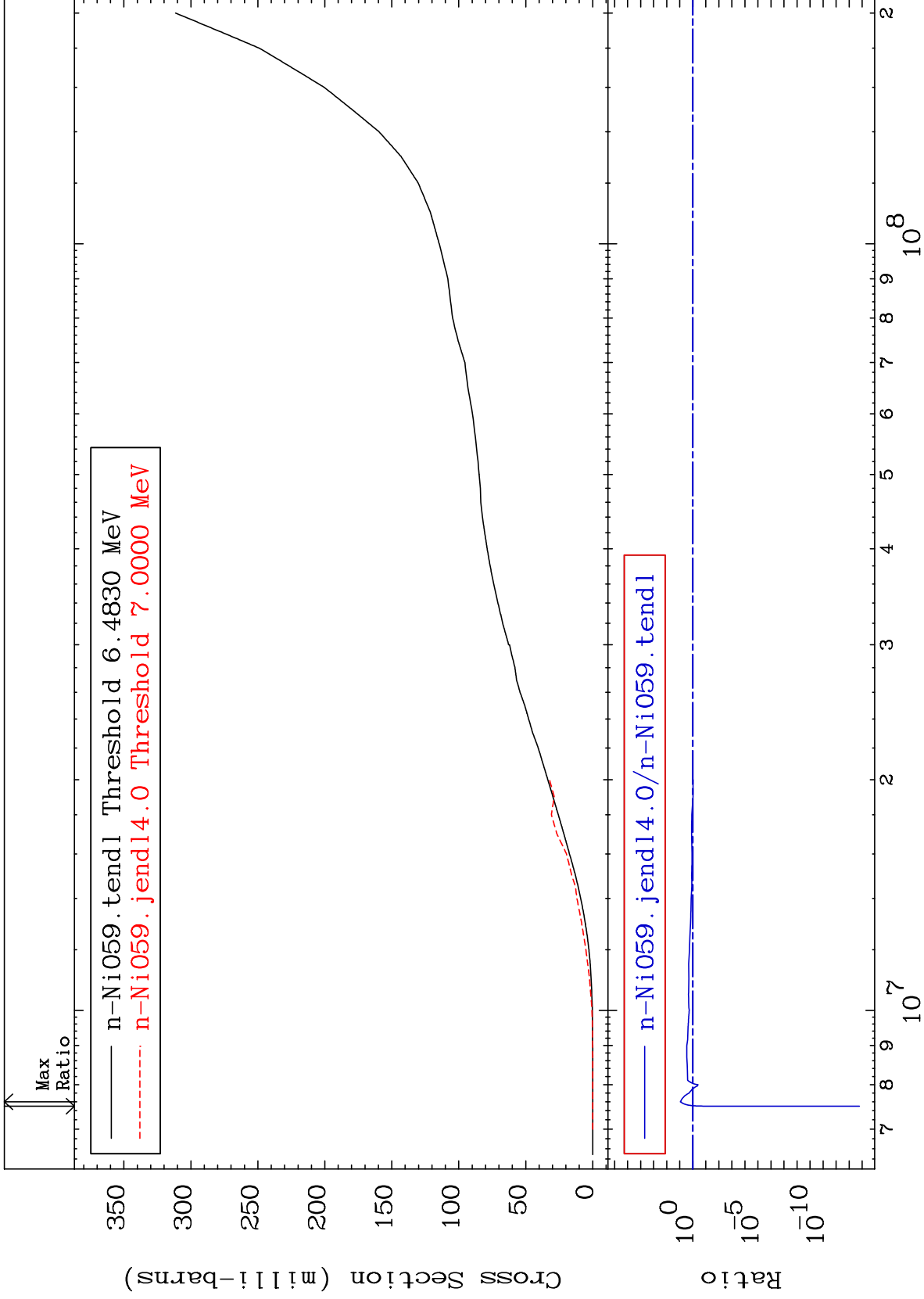
Cross Section

-88.56 To 3111. %





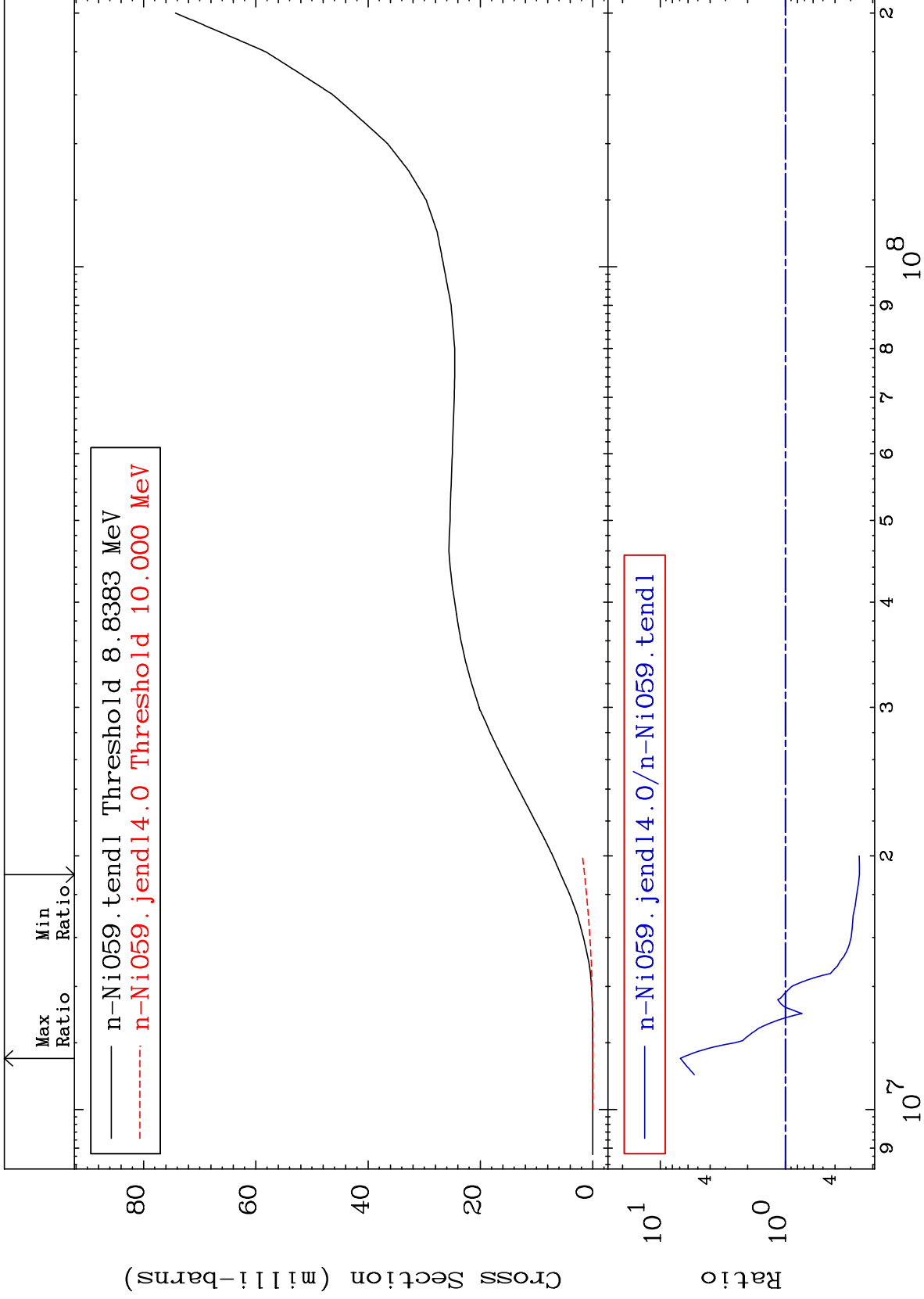




MAT 2828

Tritium Production  
Cross Section

28-Ni-59  
-74.46 To 590.7 %

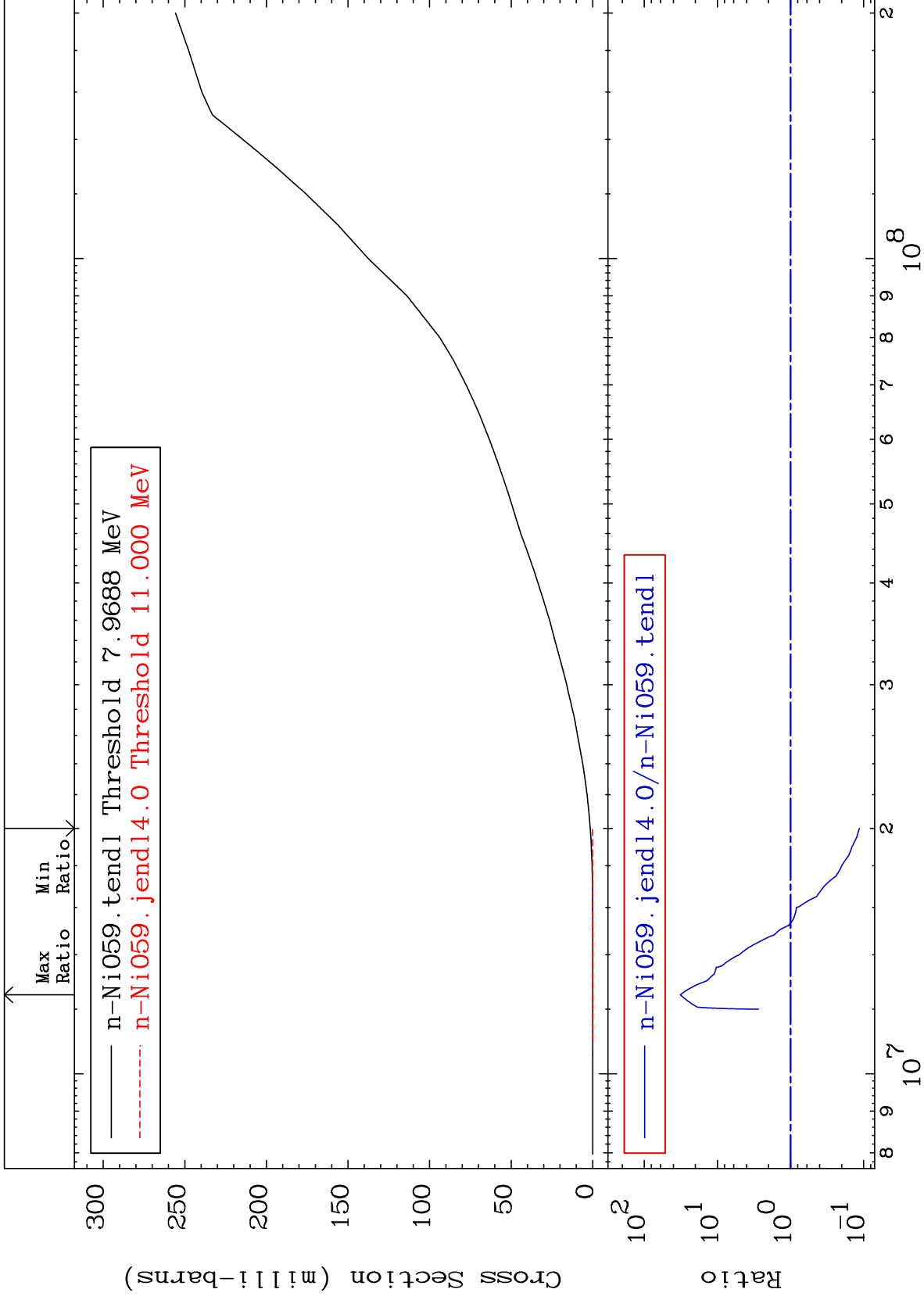


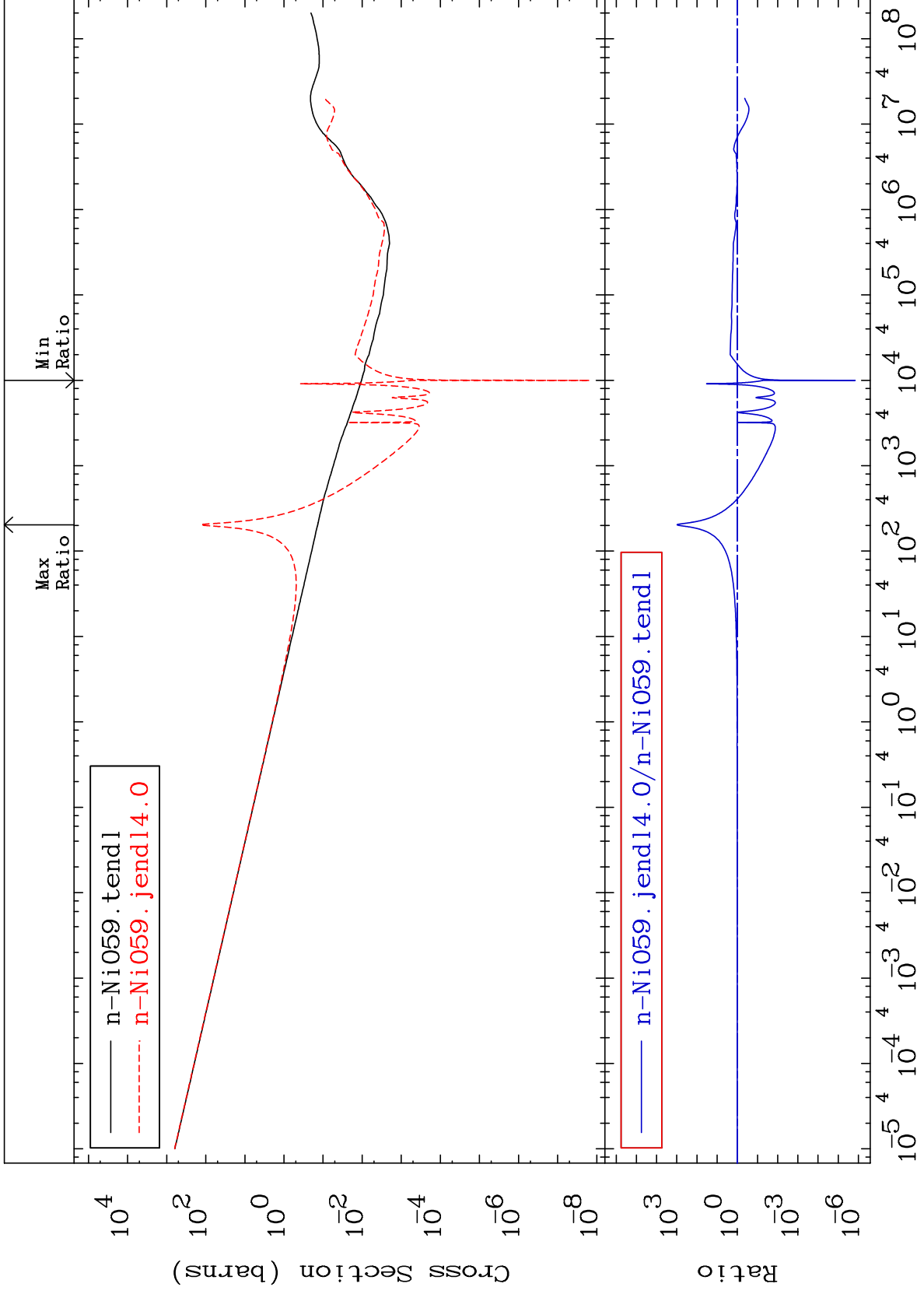
40

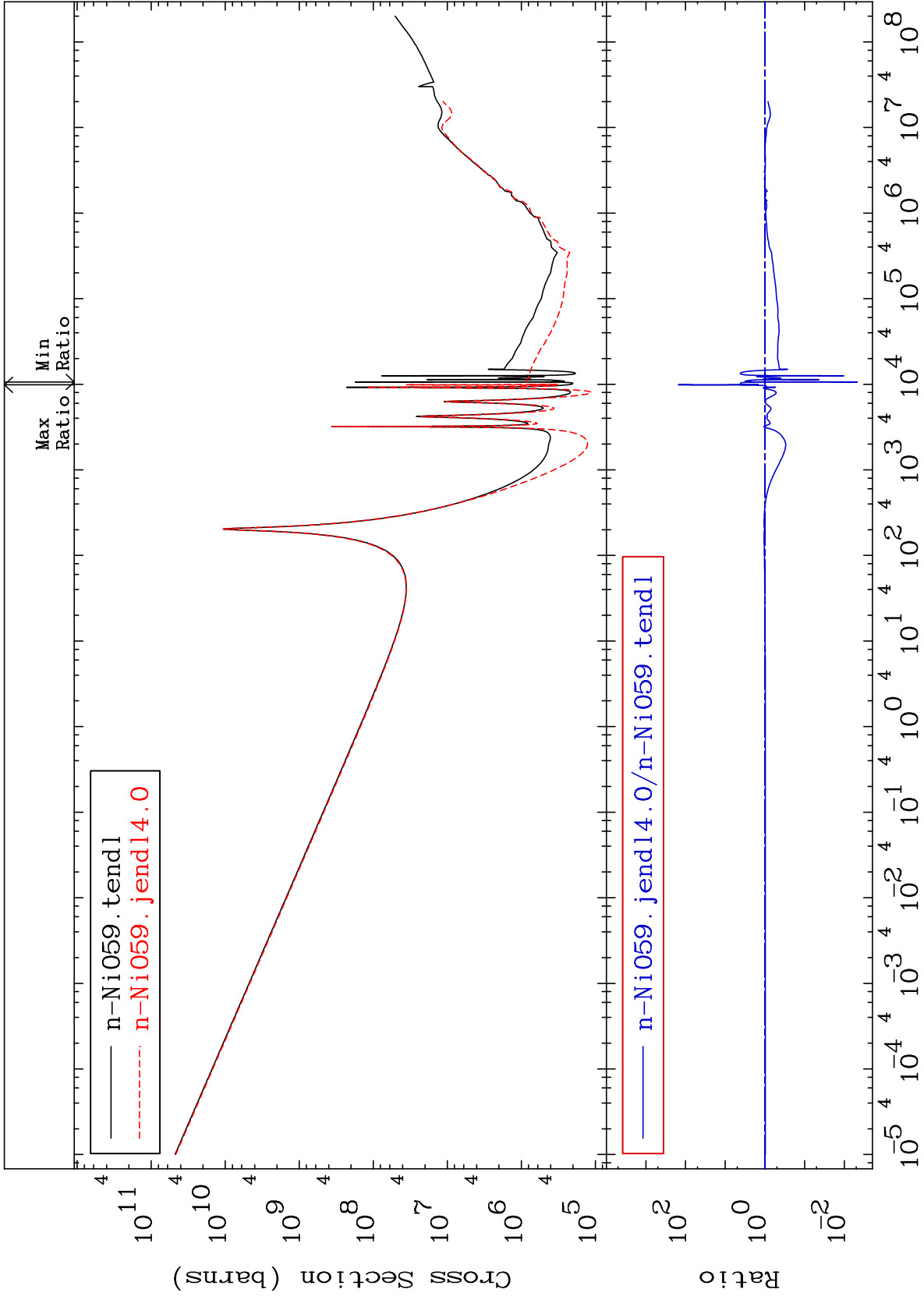
Incident Energy (eV)

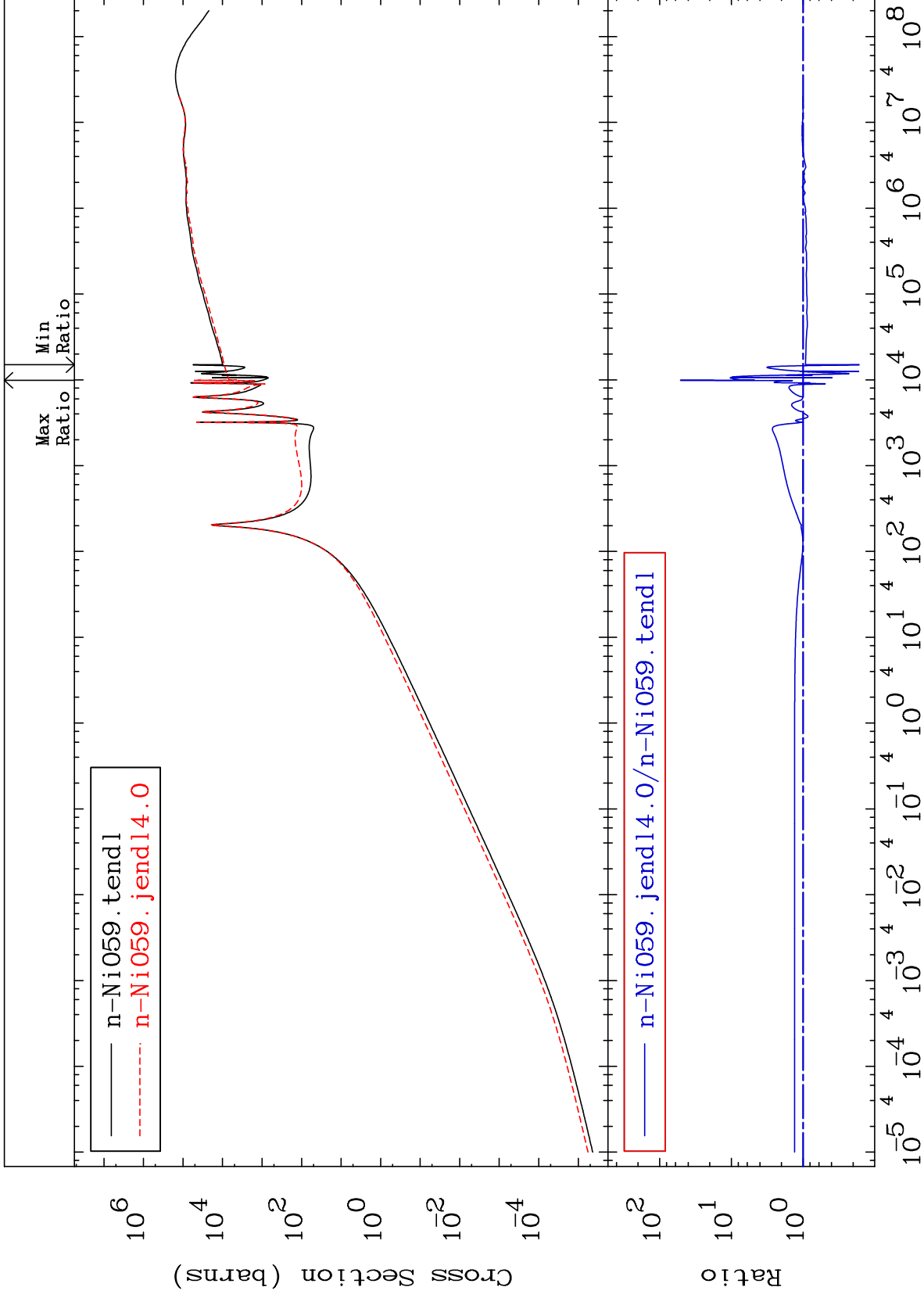
28-Ni-59

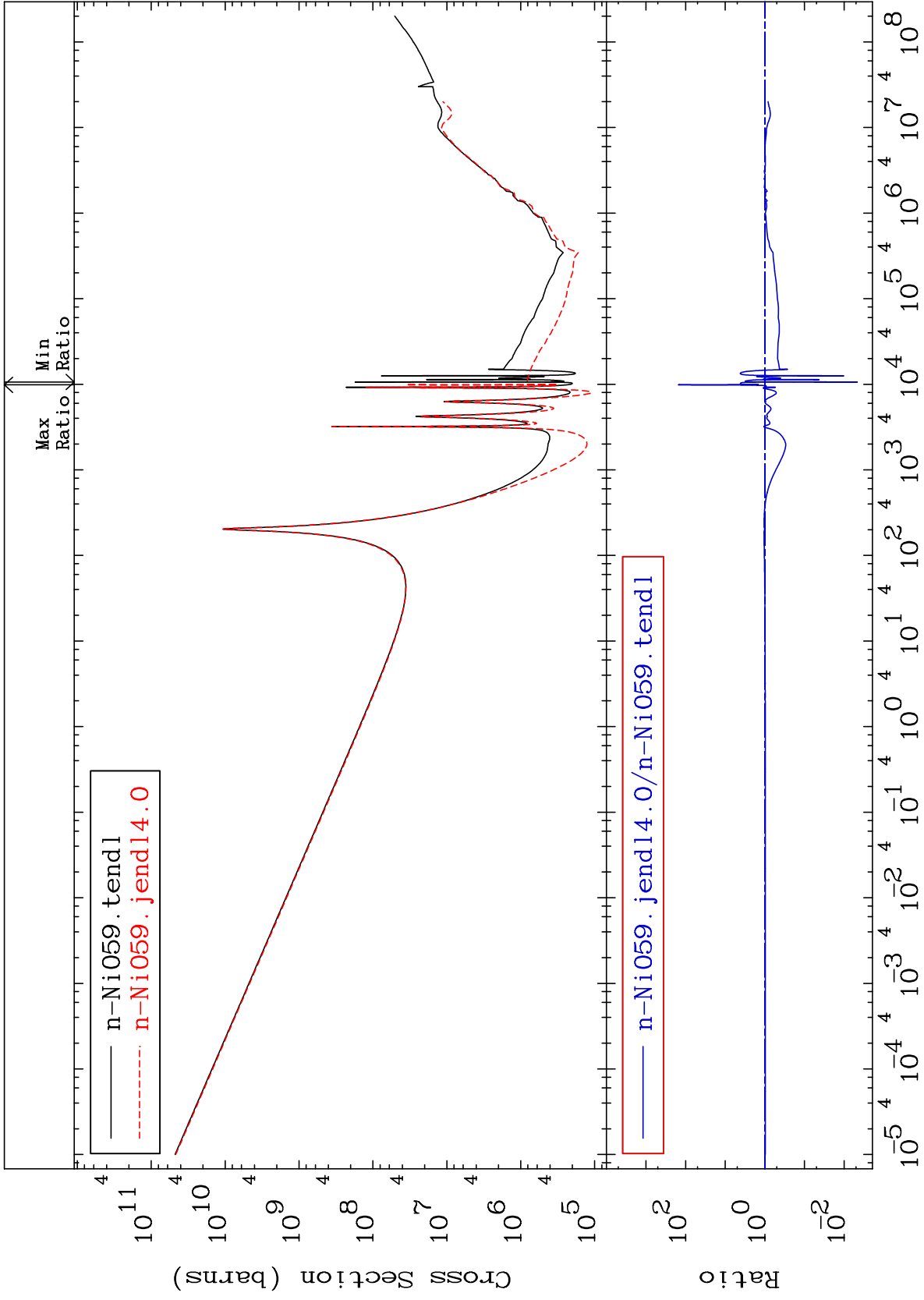


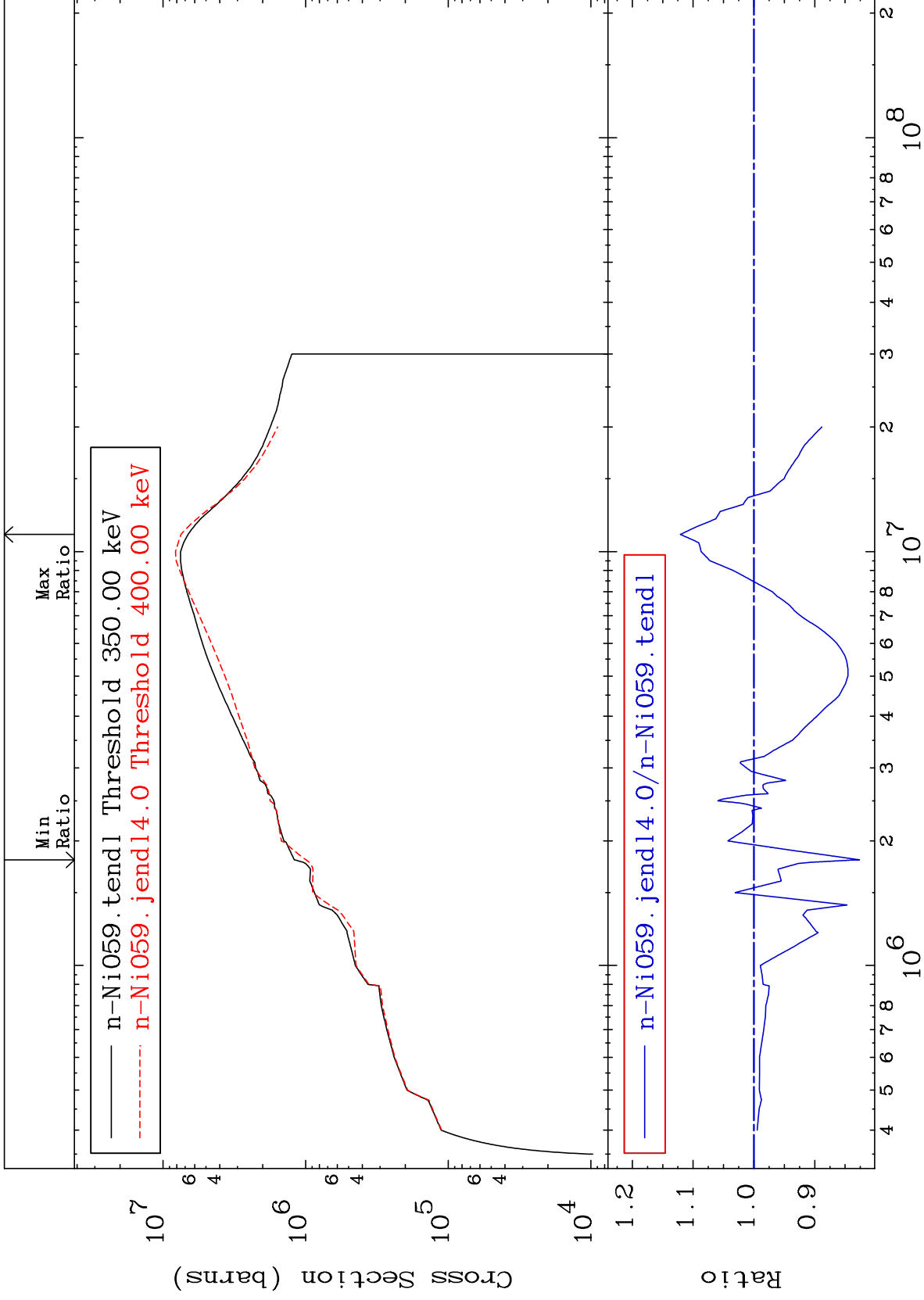












MAT 2828

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

28-Ni-59  
-17.35 To 12.10 %

