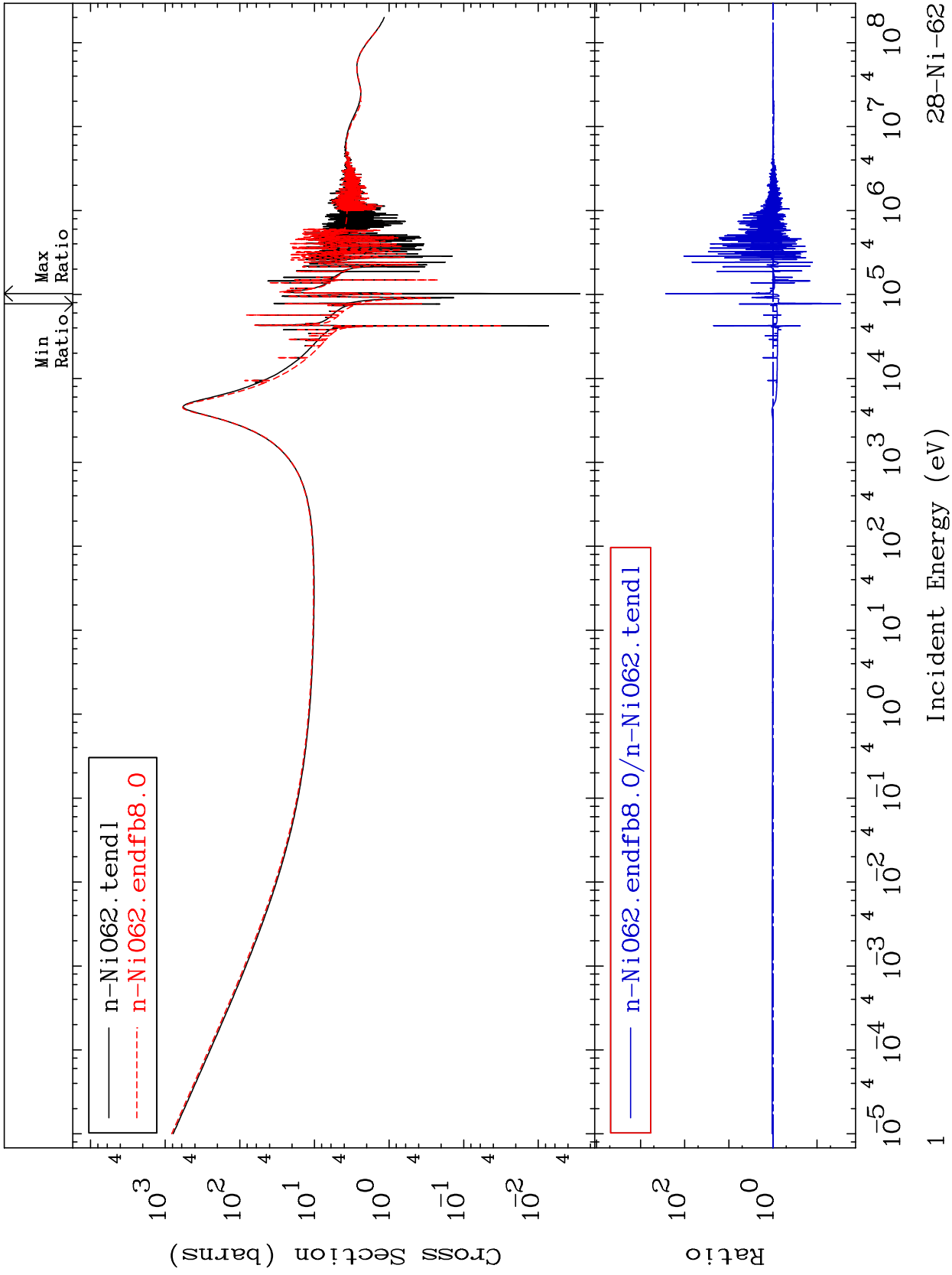


MAT 2837

Total  
Cross Section

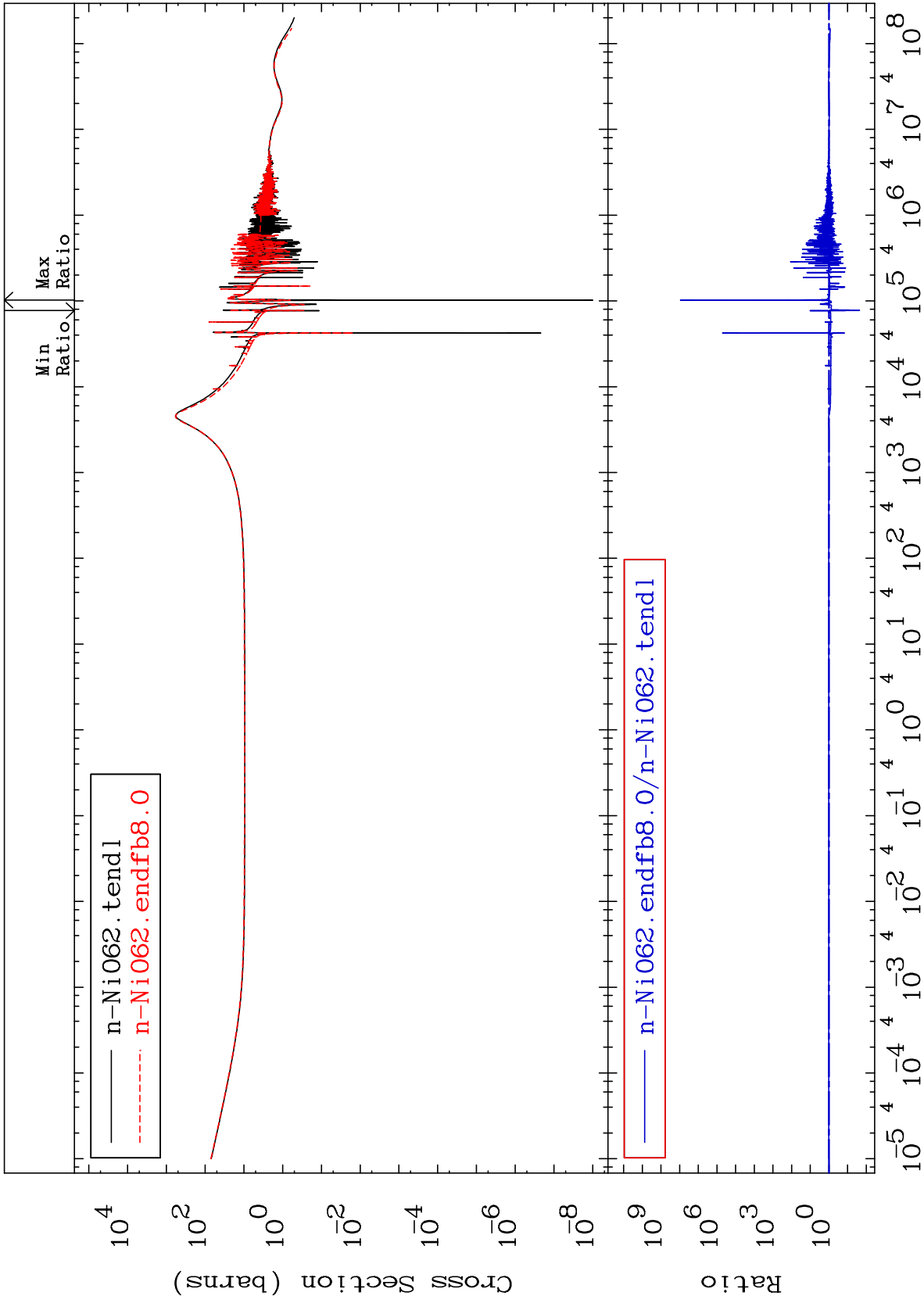
28-Ni-62  
-97.08 To 9999. %



MAT 2837

Elastic  
Cross Section

28-Ni-62  
-97.67 To 9999. %



2

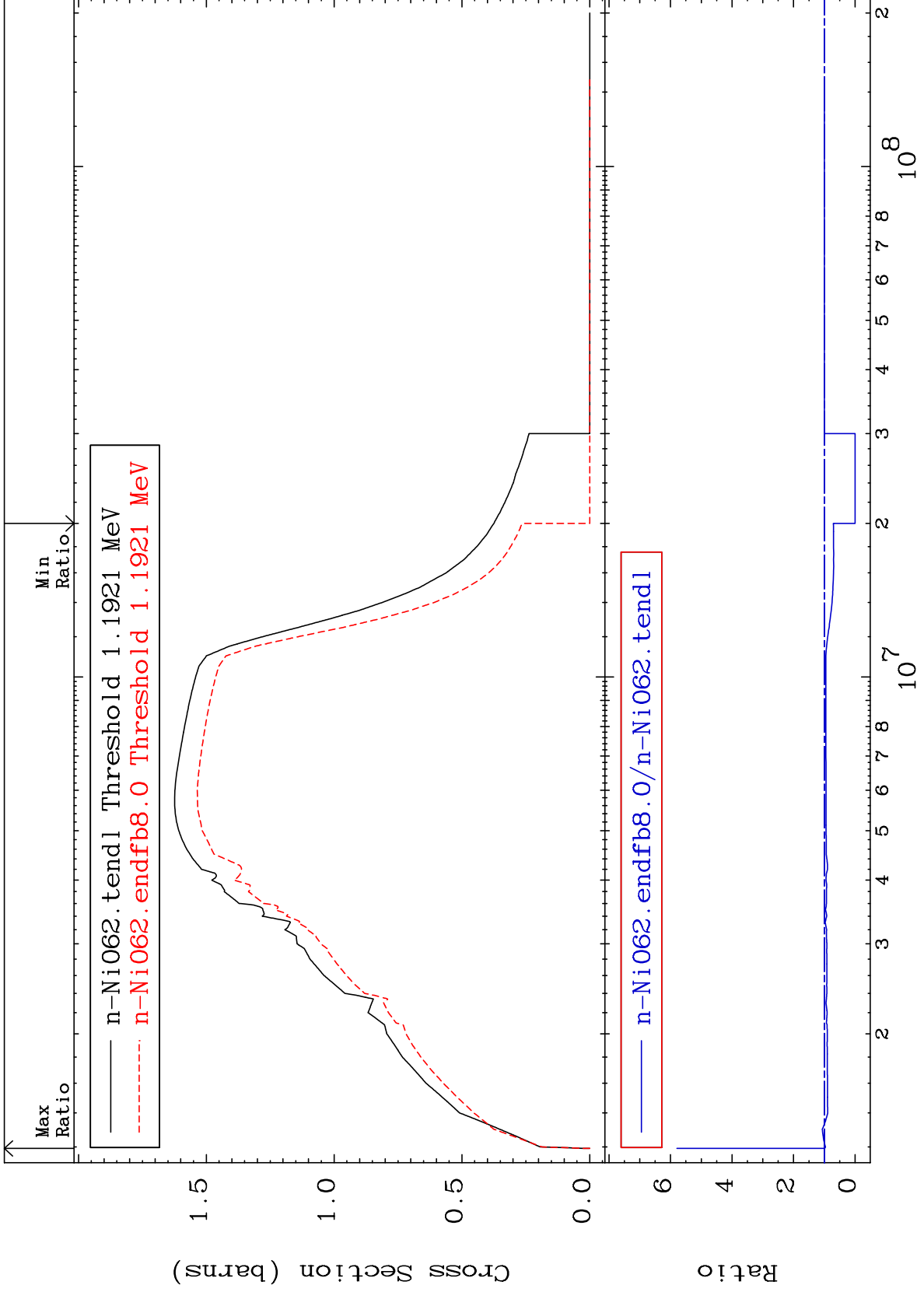
Incident Energy (eV)

28-Ni-62

MAT 2837

Inelastic  
Cross Section

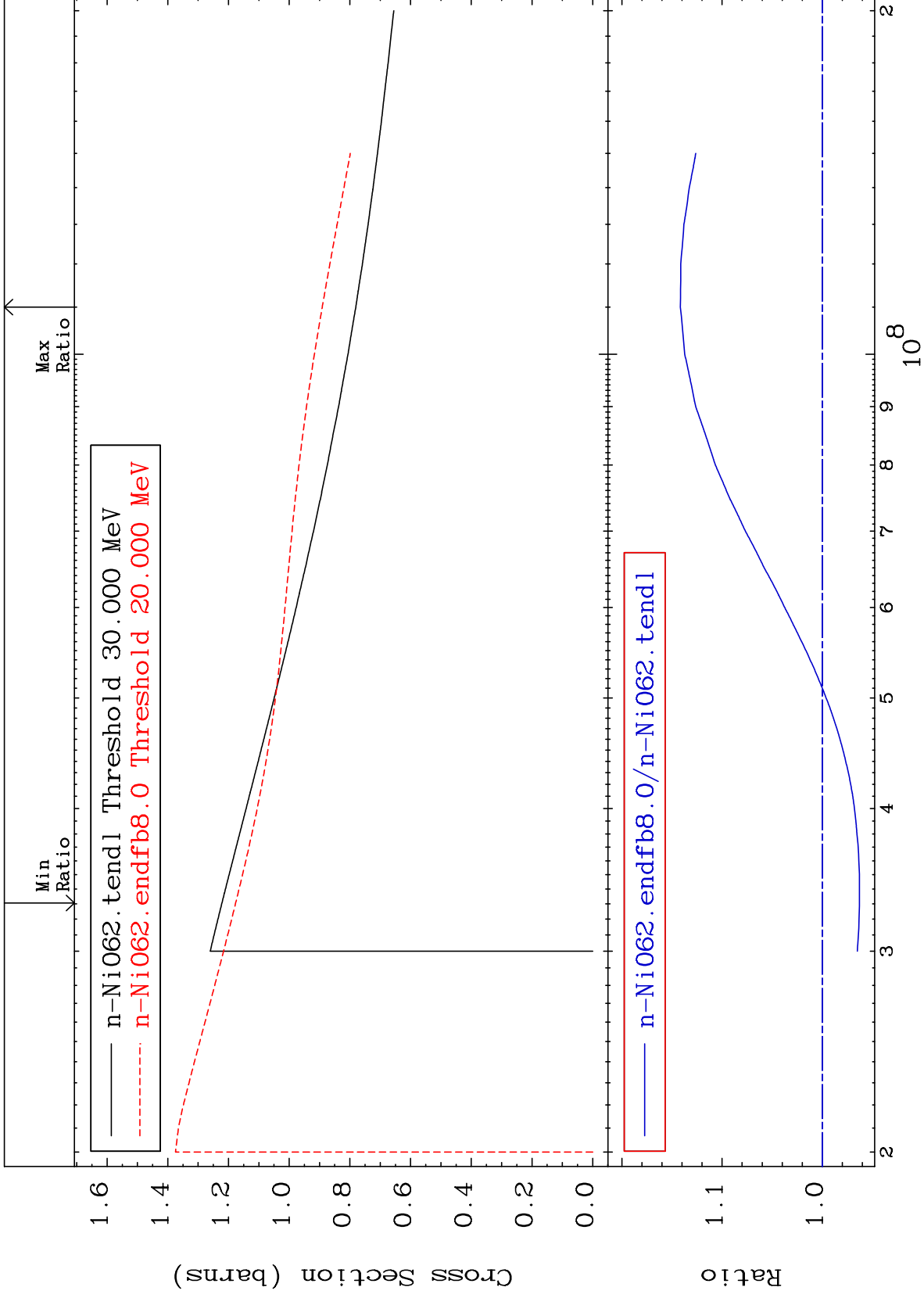
28-Ni-62  
-100.0 To 479.2 %



MAT 2837

(n, remainder)  
Cross Section

28-Ni-62  
-3.704 To 14.16 %



4

Incident Energy (eV)

28-Ni-62

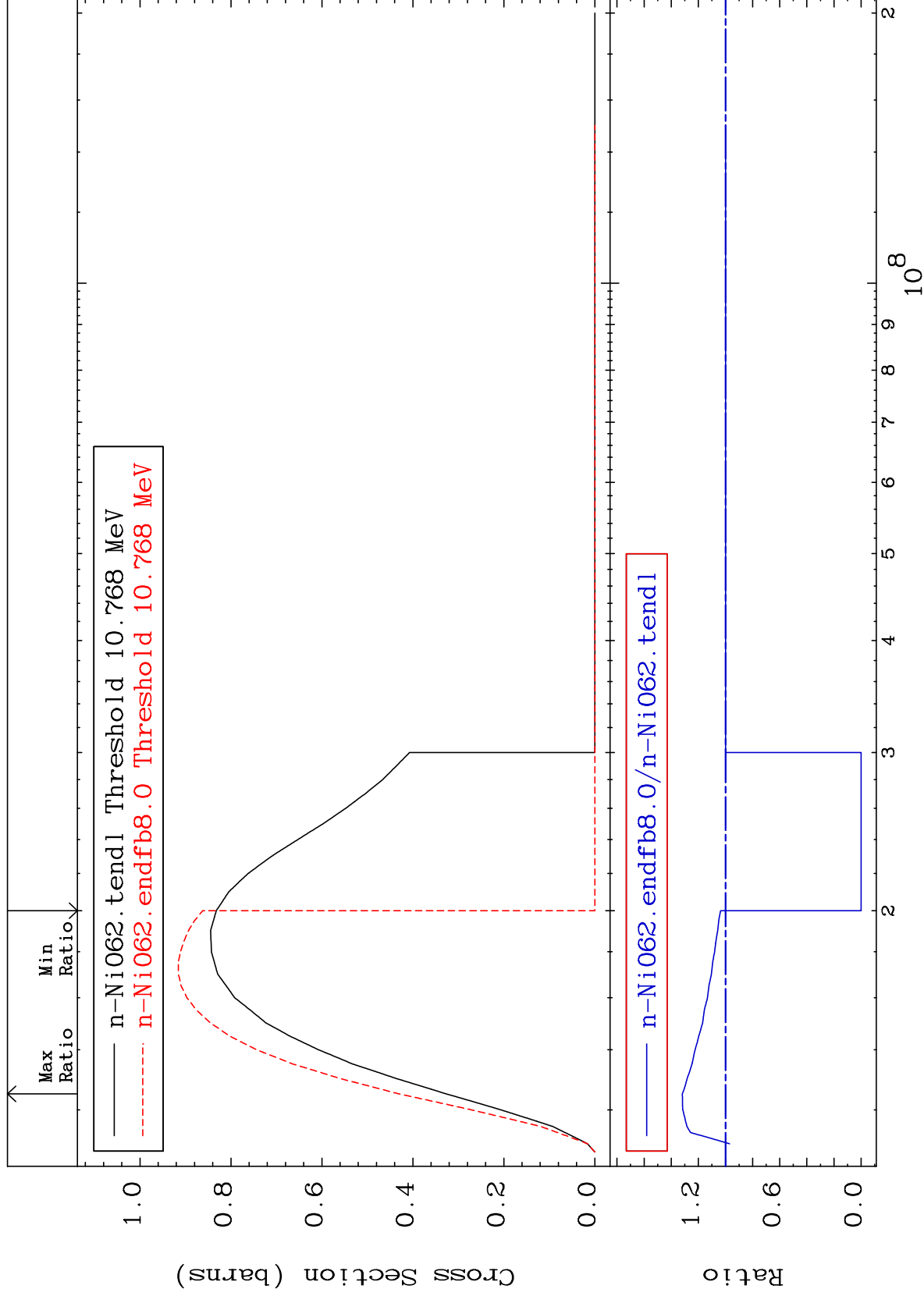
MAT 2837

(n,2n)

28-Ni-62

Cross Section

-100.0 To 31.82 %



5

Incident Energy (eV)

28-Ni-62

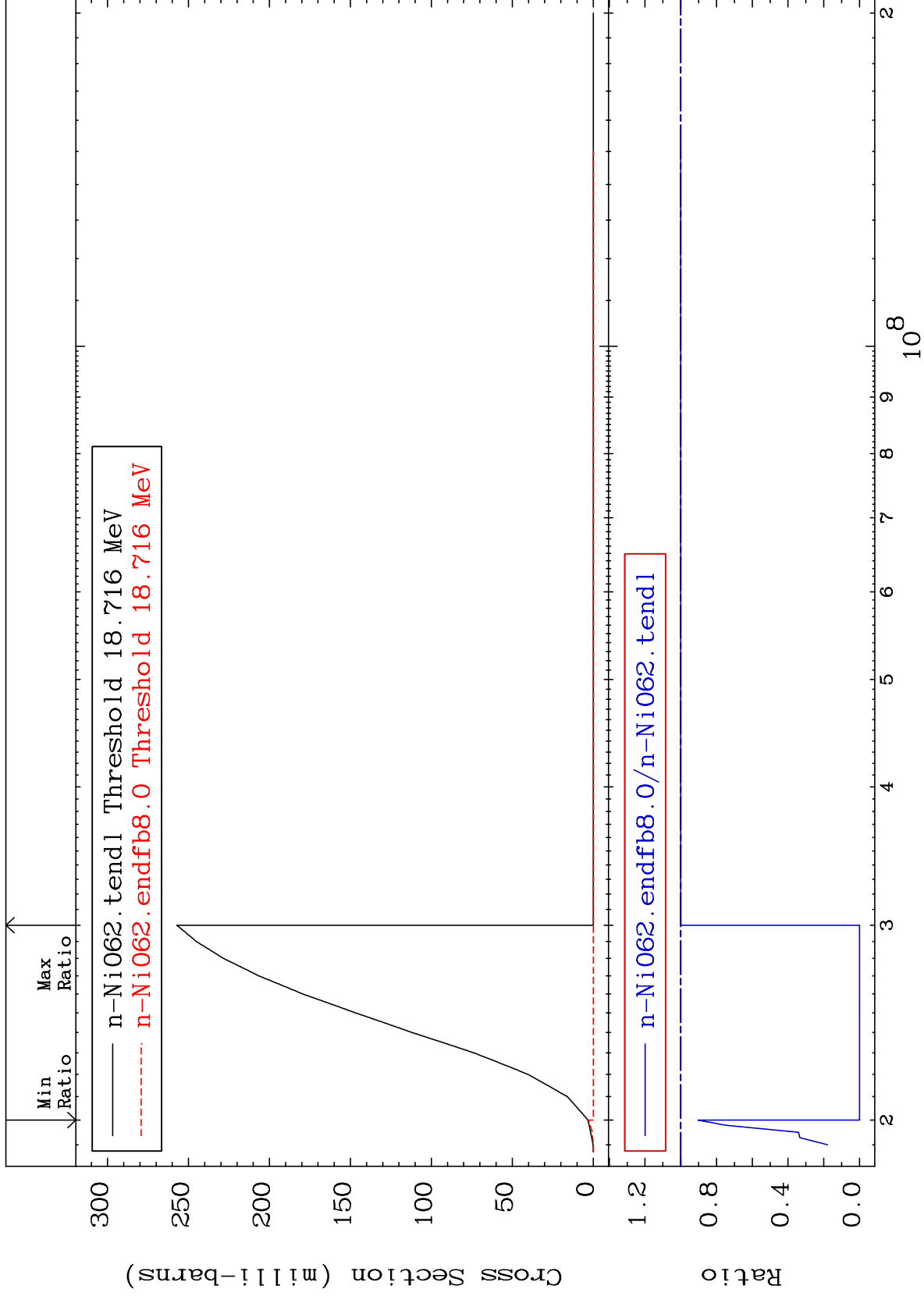
MAT 2837

(n,3n)

28-Ni-62

Cross Section

-100.0 To 0.000 %



6

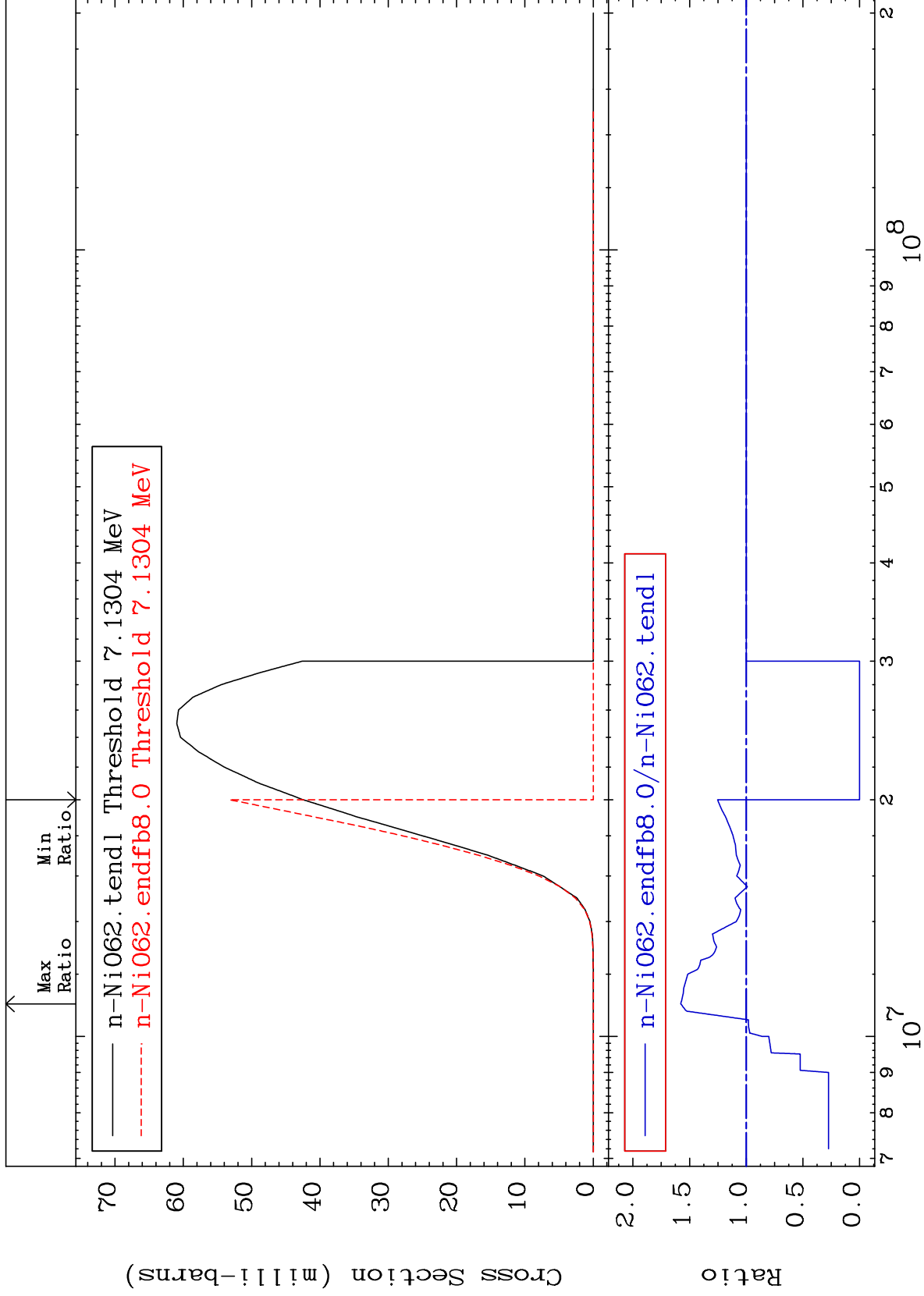
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 57.77 %



7

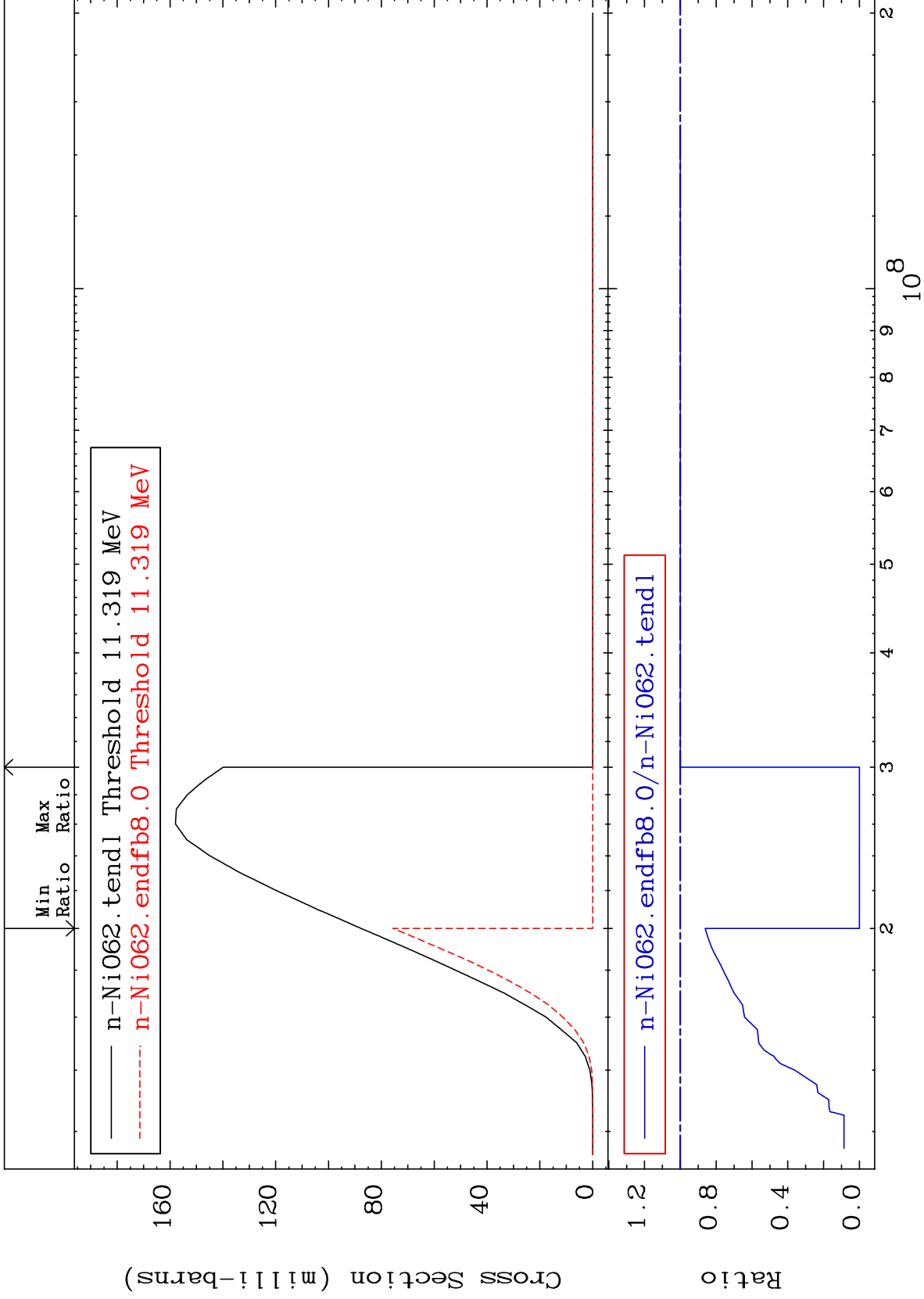
Incident Energy (eV)

28-Ni-62

MAT 2837

(n,n') p  
Cross Section

28-Ni-62  
-100.0 To 0.000 %

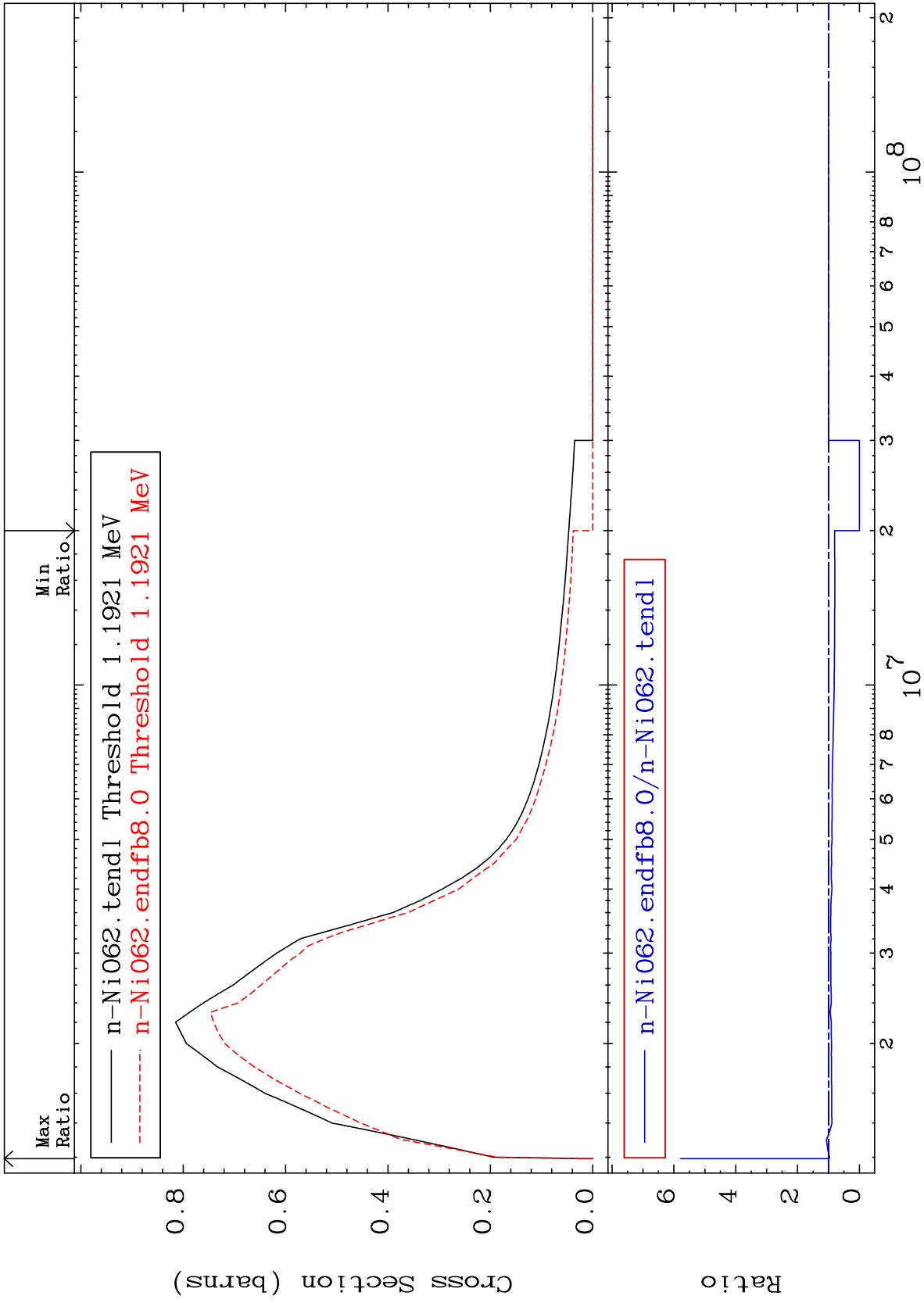




MAT 2837

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

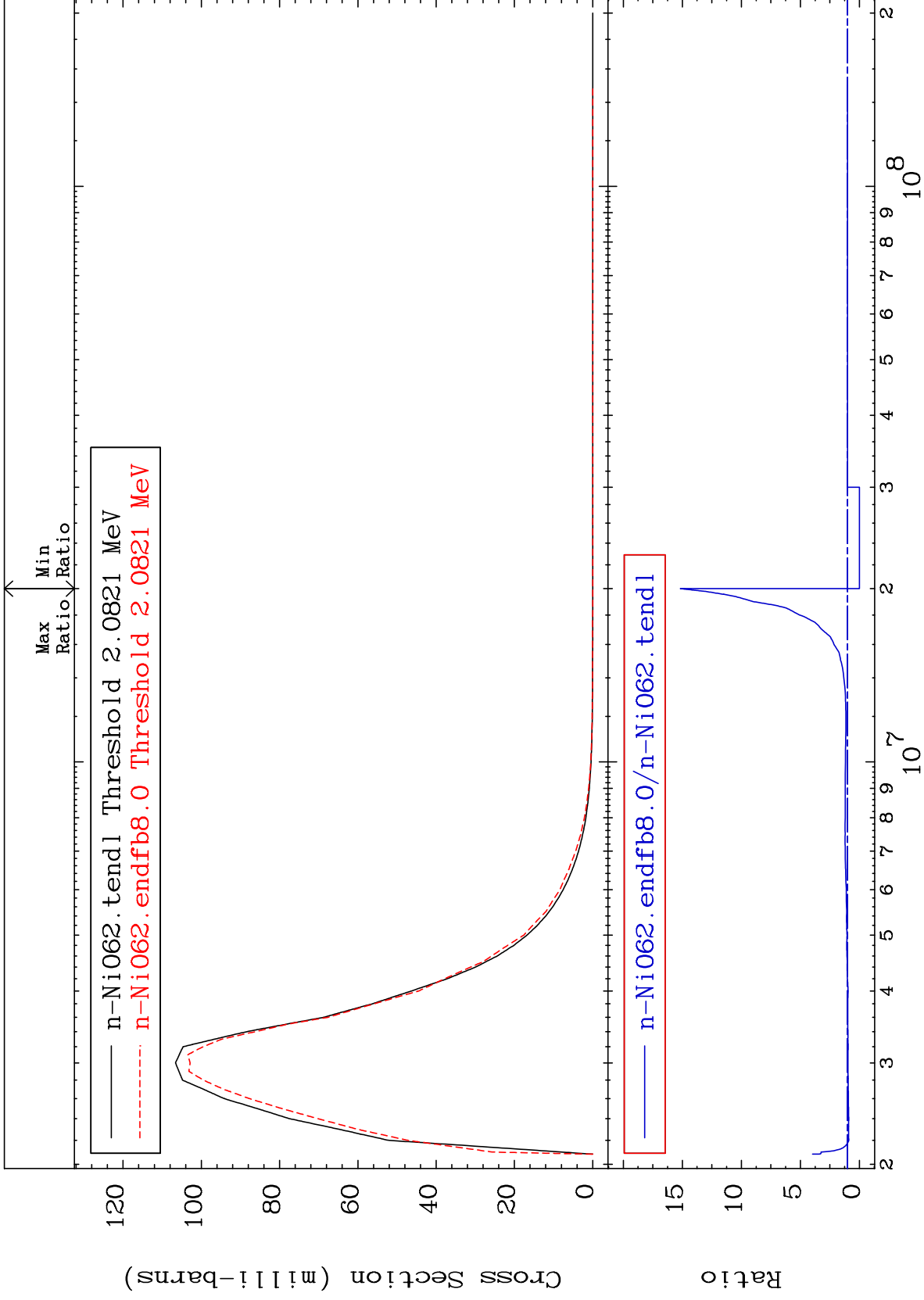
28-Ni-62  
-100.0 To 479.2 %



MAT 2837

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

28-Ni-62  
-100.0 To 1417. %



10

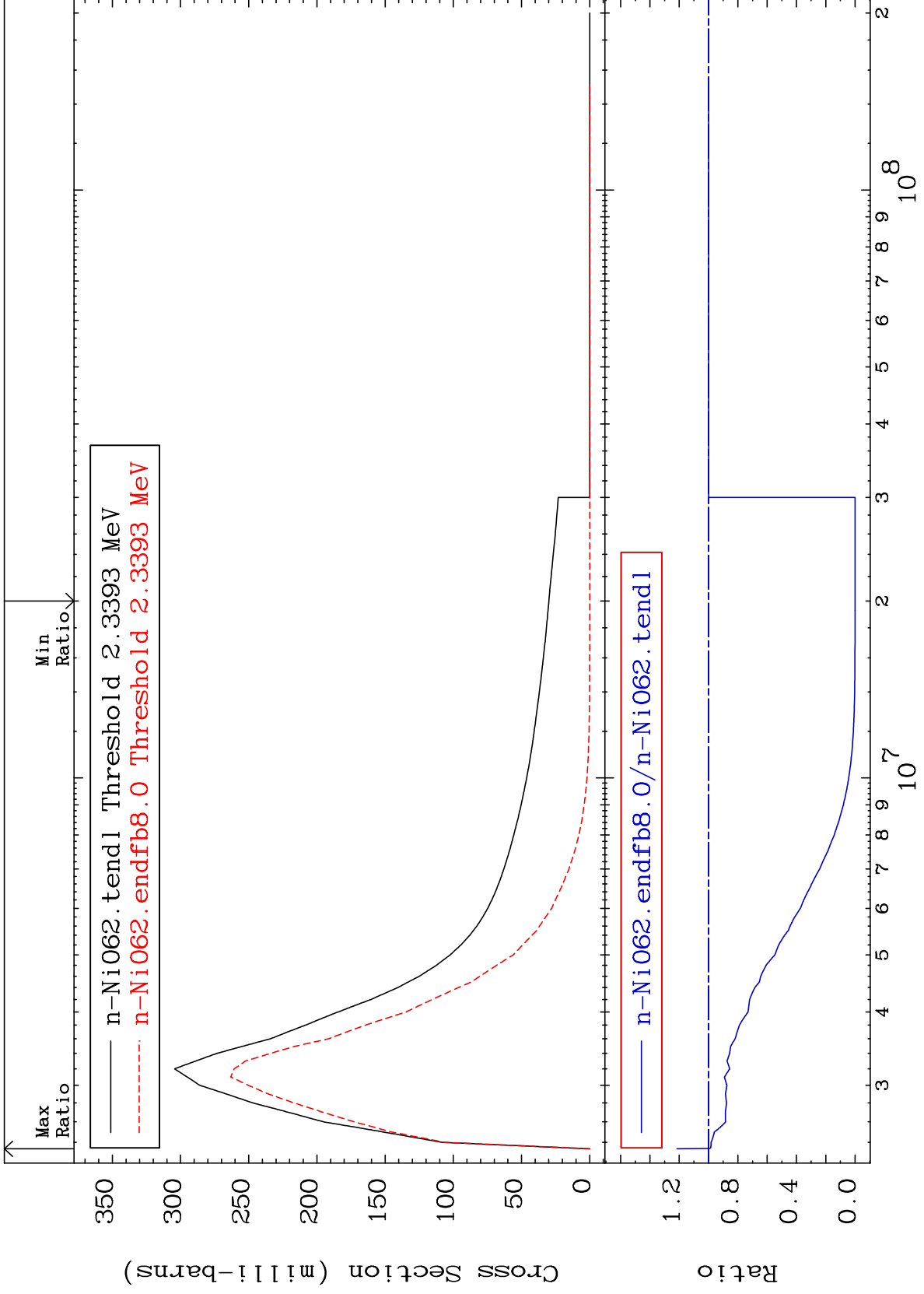
Incident Energy (eV)

28-Ni-62

MAT 2837

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

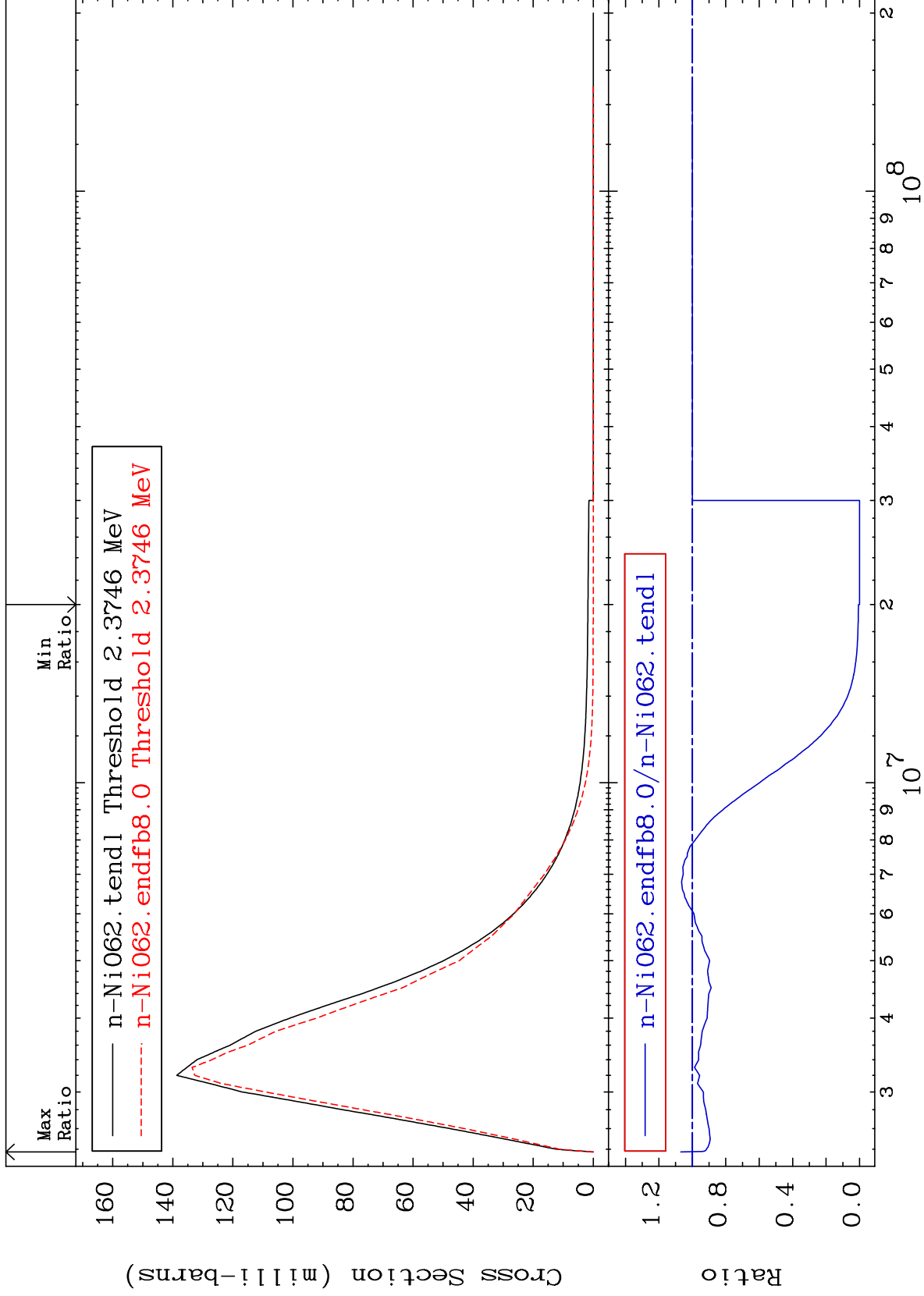
28-Ni-62  
-100.0 To 21.59 %



MAT 2837

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

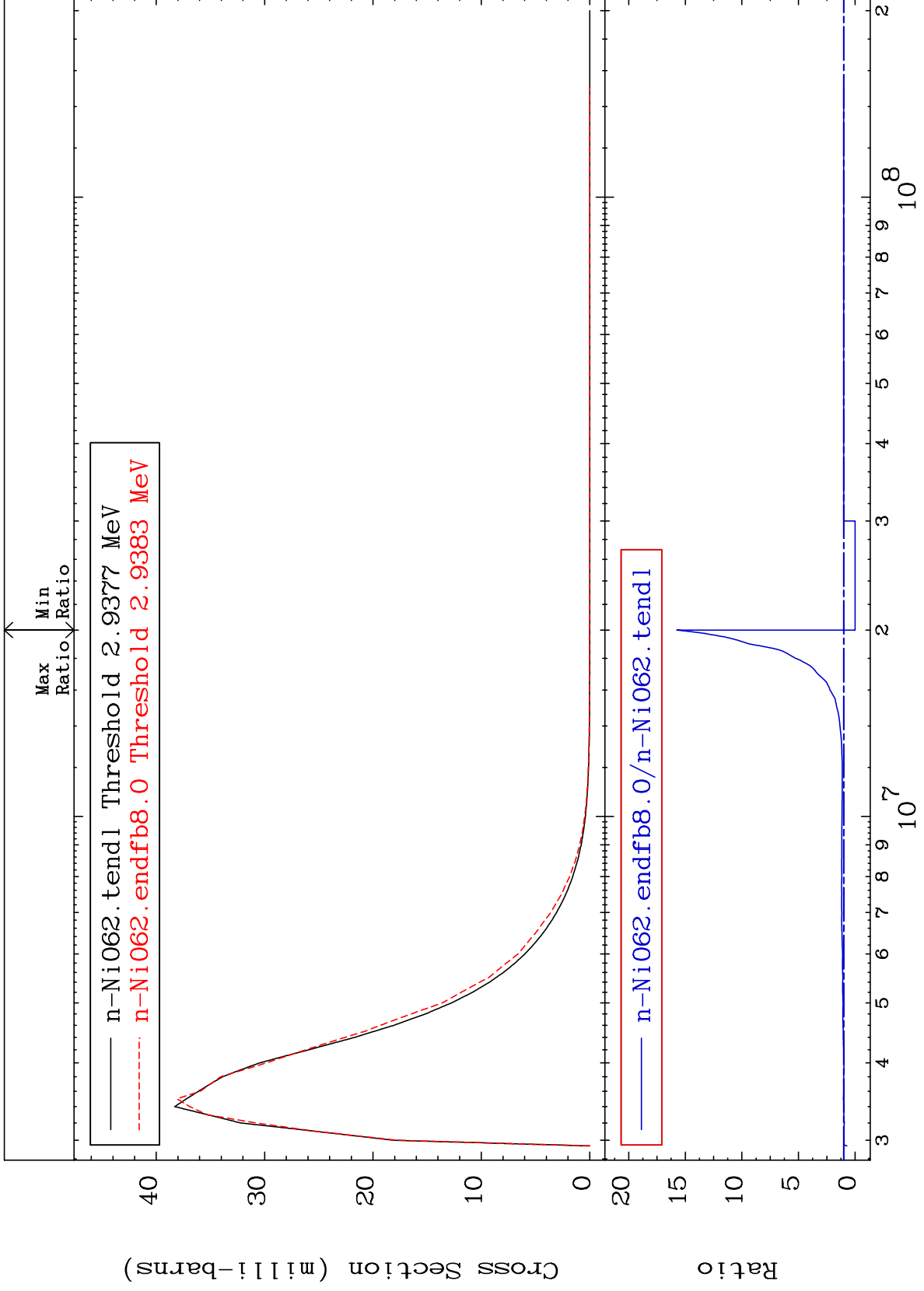
28-Ni-62  
-100.0 To 6.920 %



MAT 2837

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

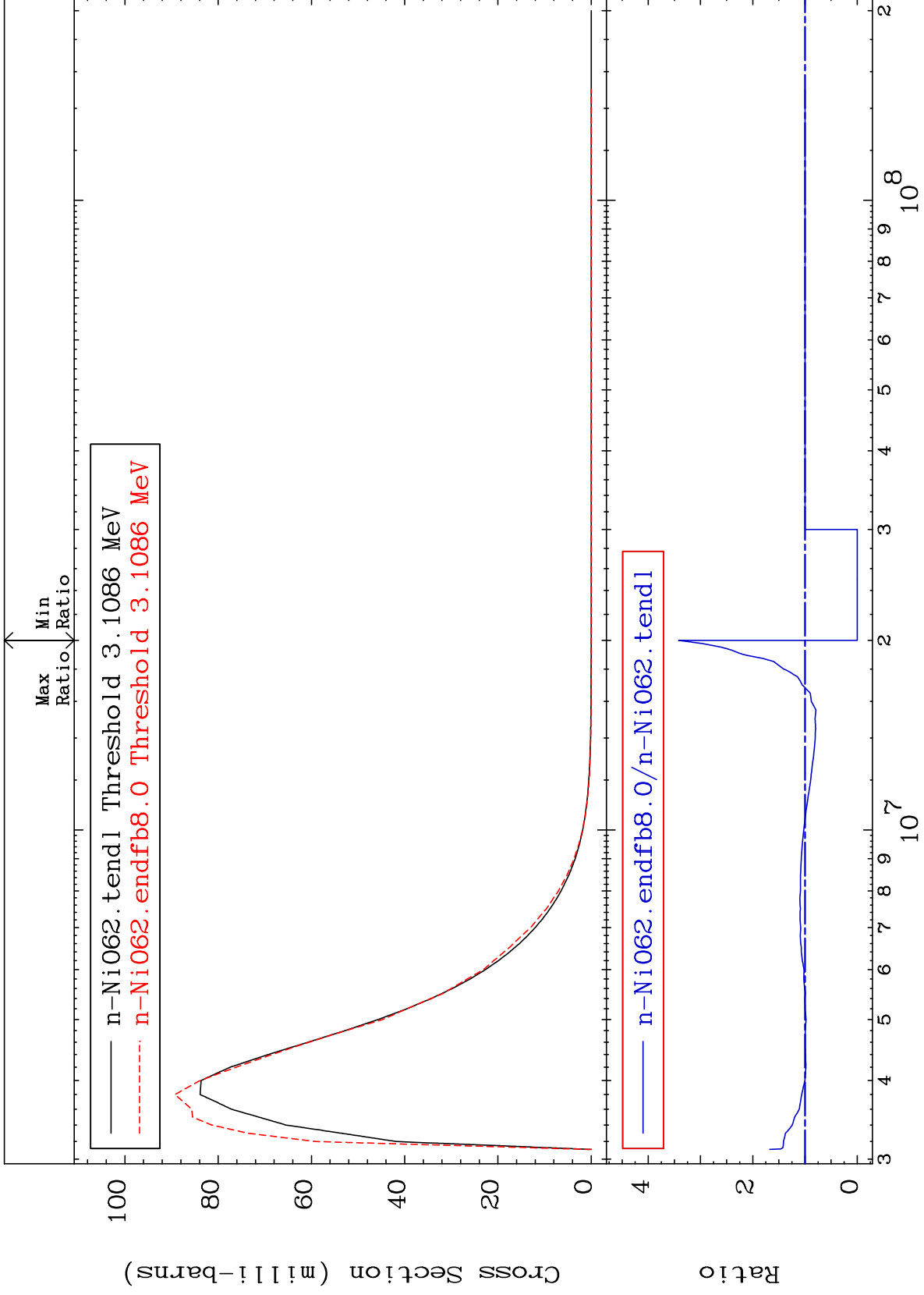
28-Ni-62  
-100.0 To 1474. %



MAT 2837

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

28-Ni-62  
-100.0 To 241.9 %



14

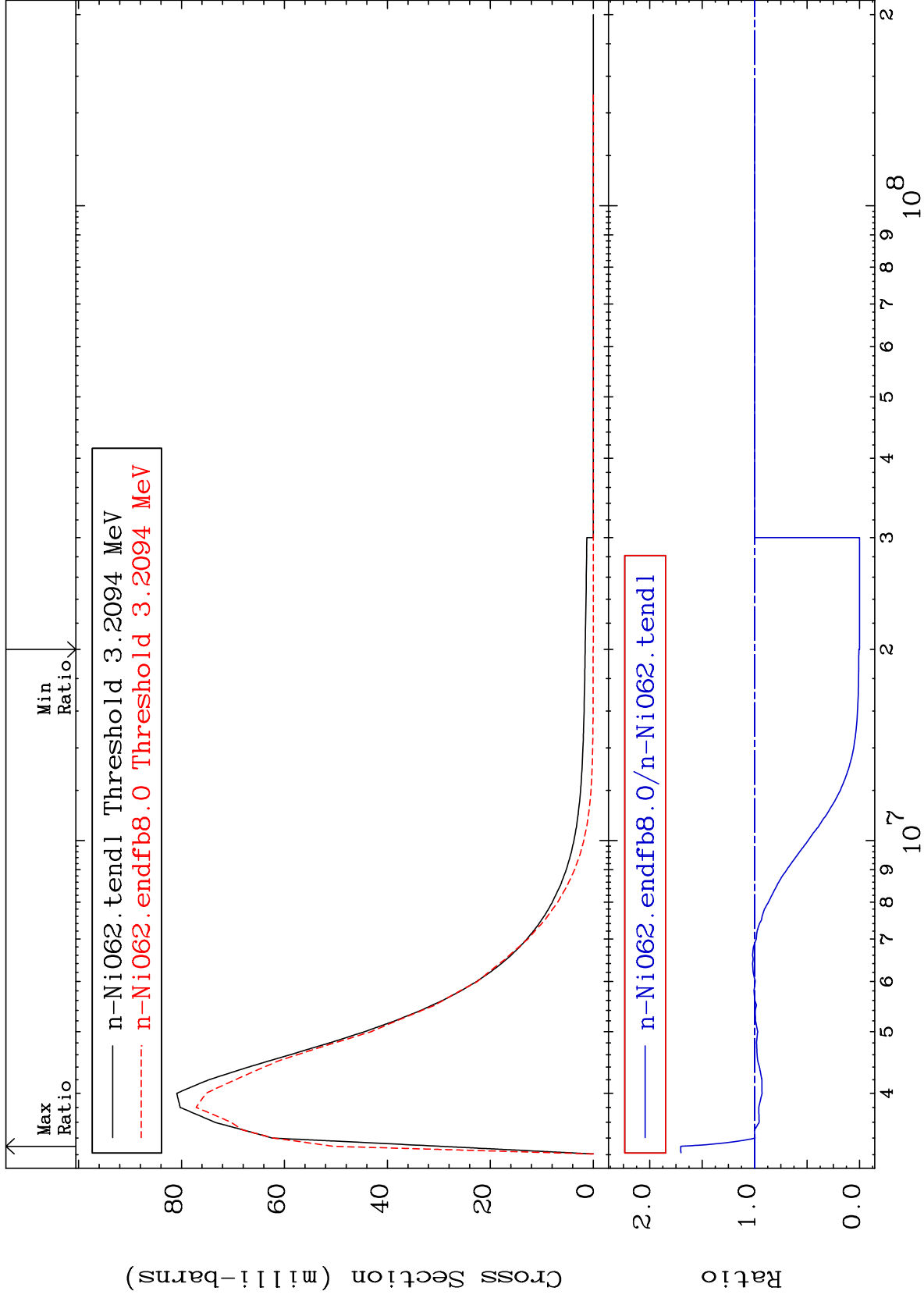
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 70.39 %



15

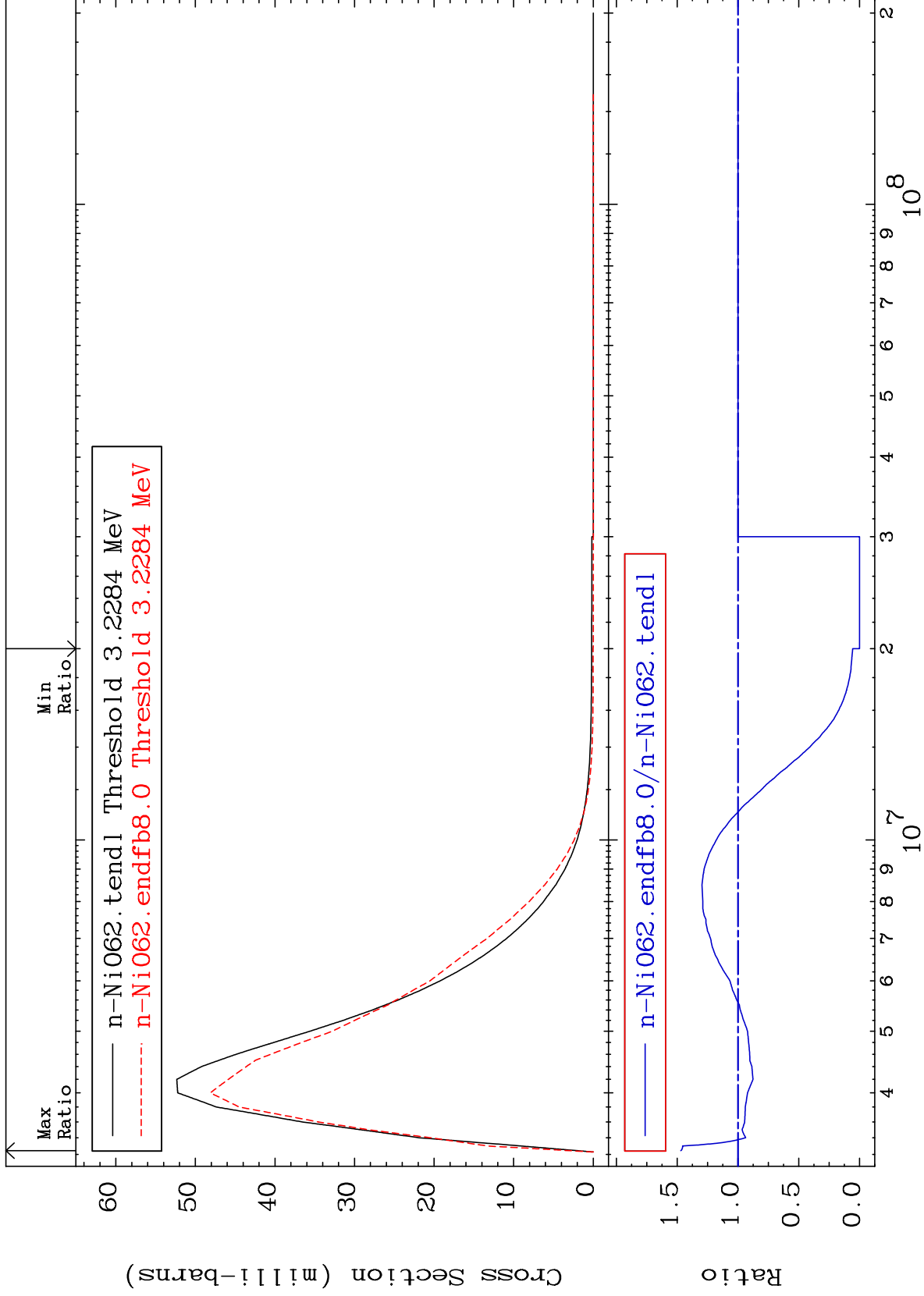
28-Ni-62

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 47.01 %



16

Incident Energy (eV)

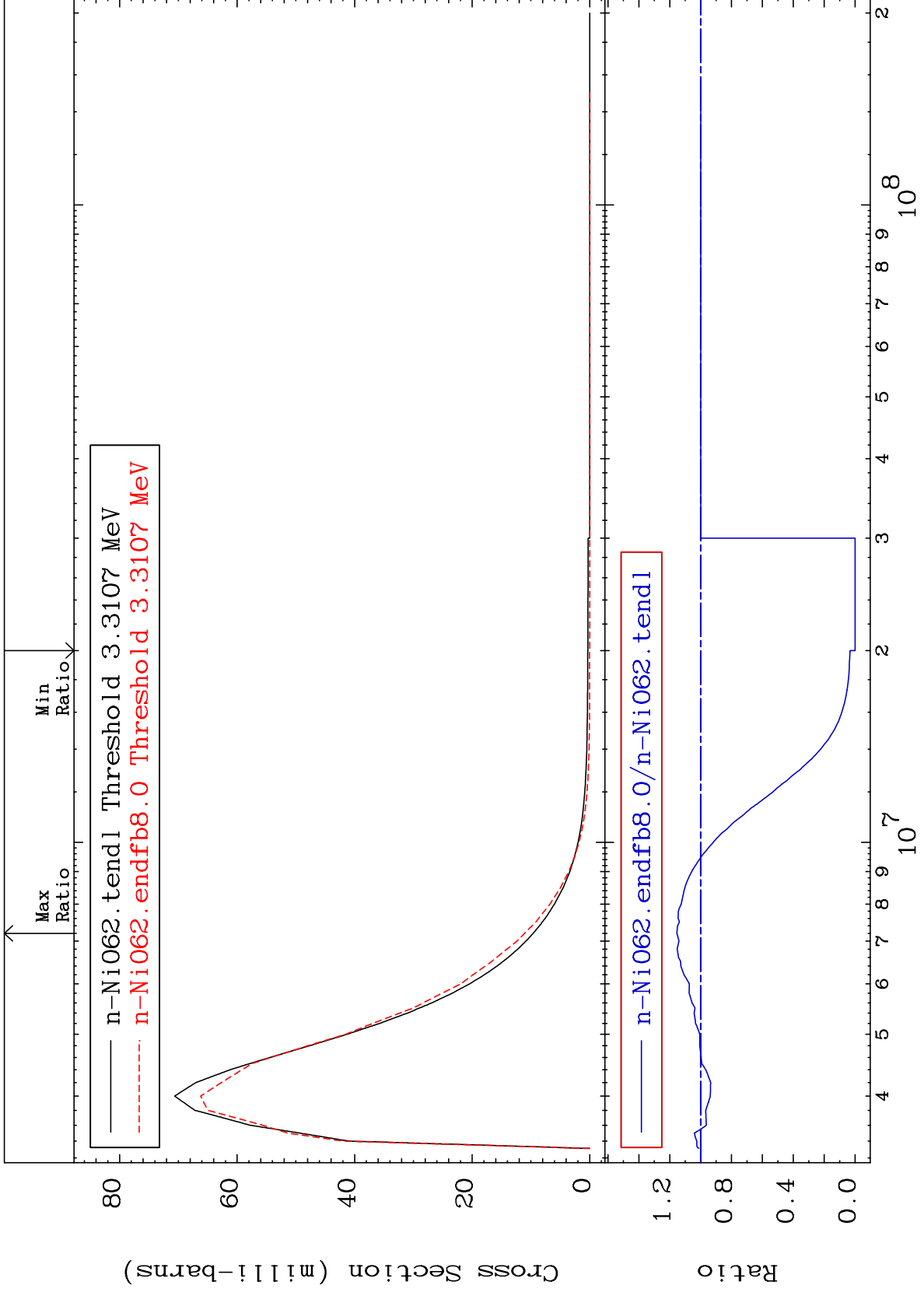
28-Ni-62



MAT 2837

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

28-Ni-62  
-100.0 To 15.36 %



17

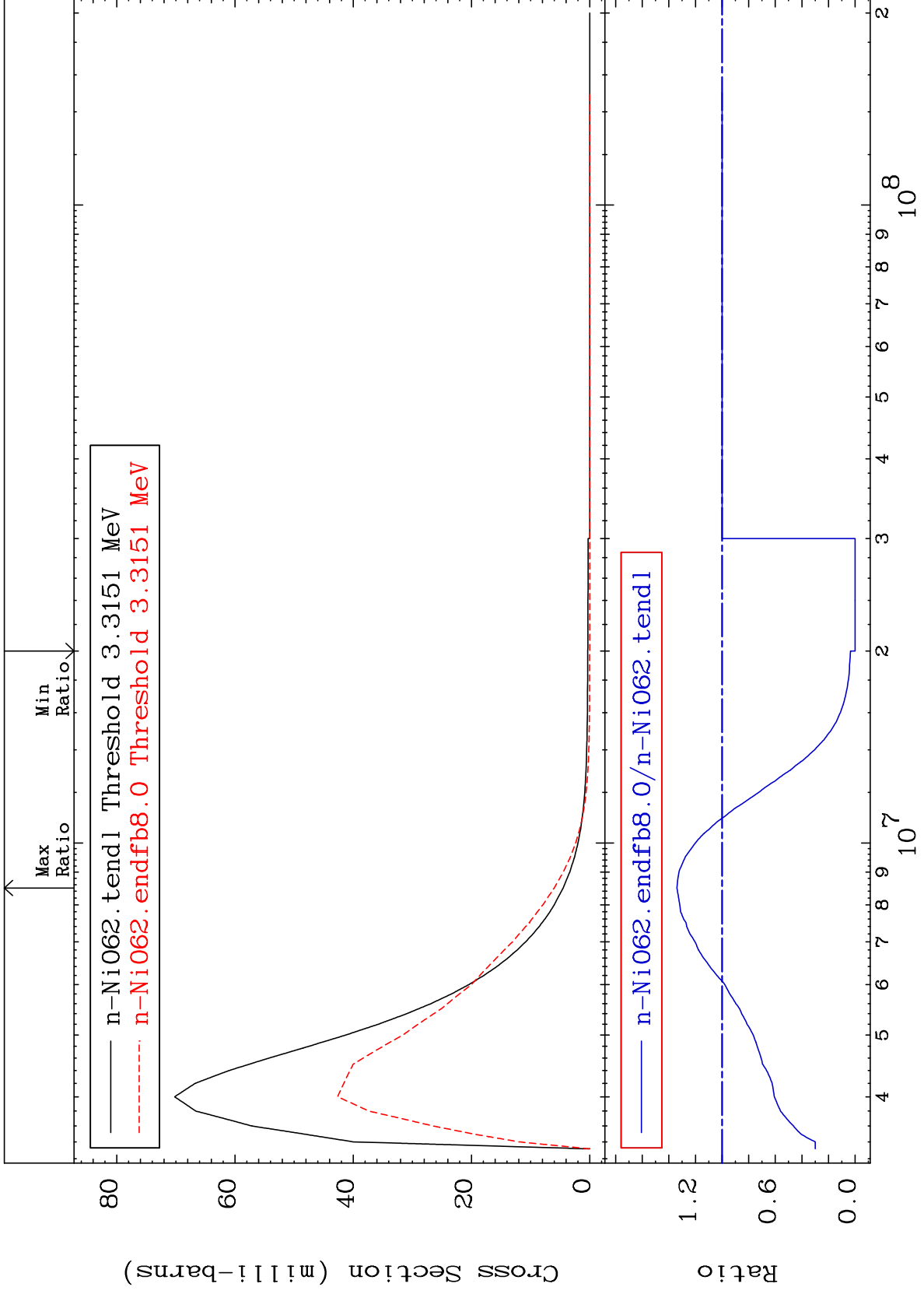
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 33.94 %



18

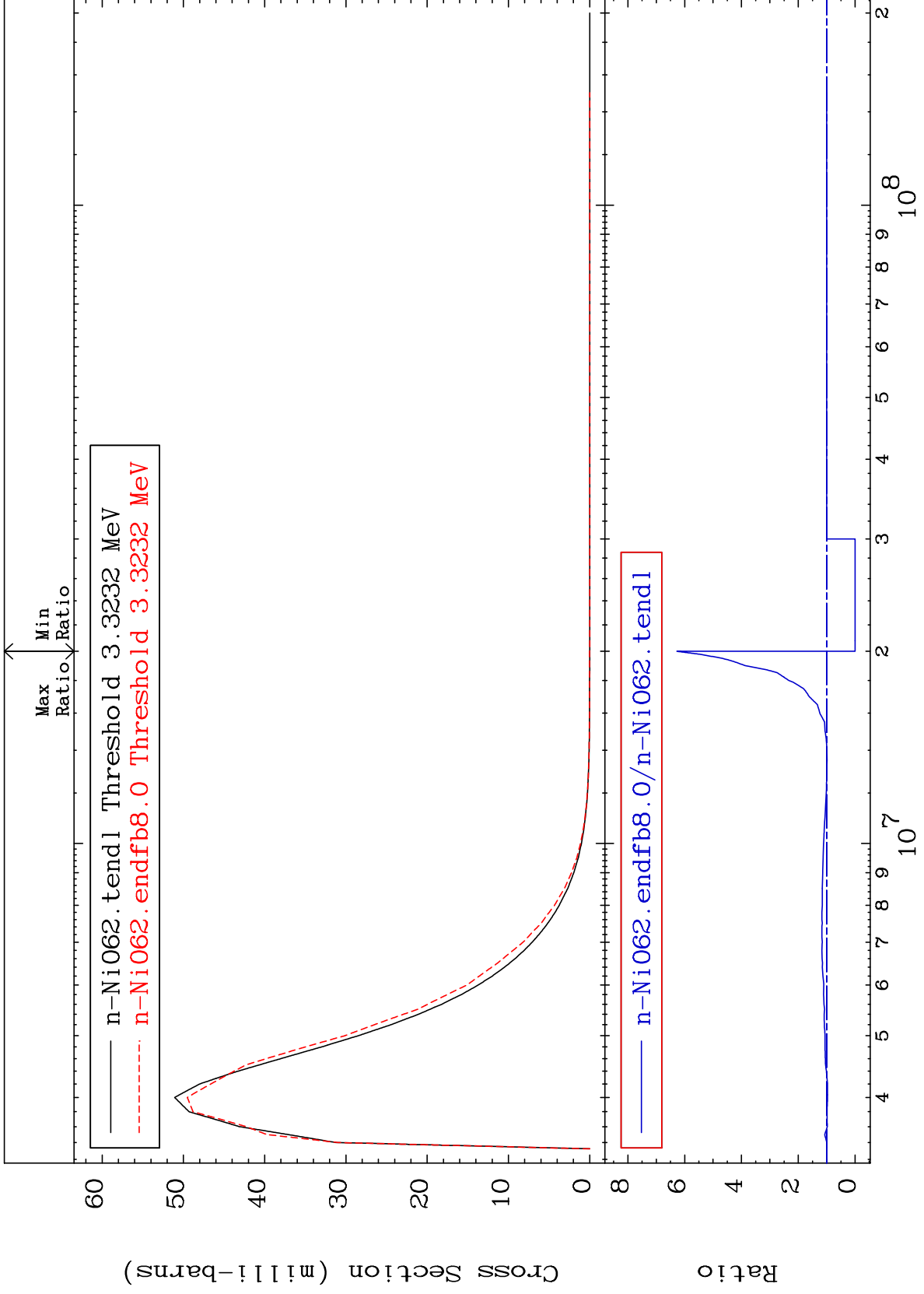
Incident Energy (eV)

28-Ni-62

MAT 2837

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

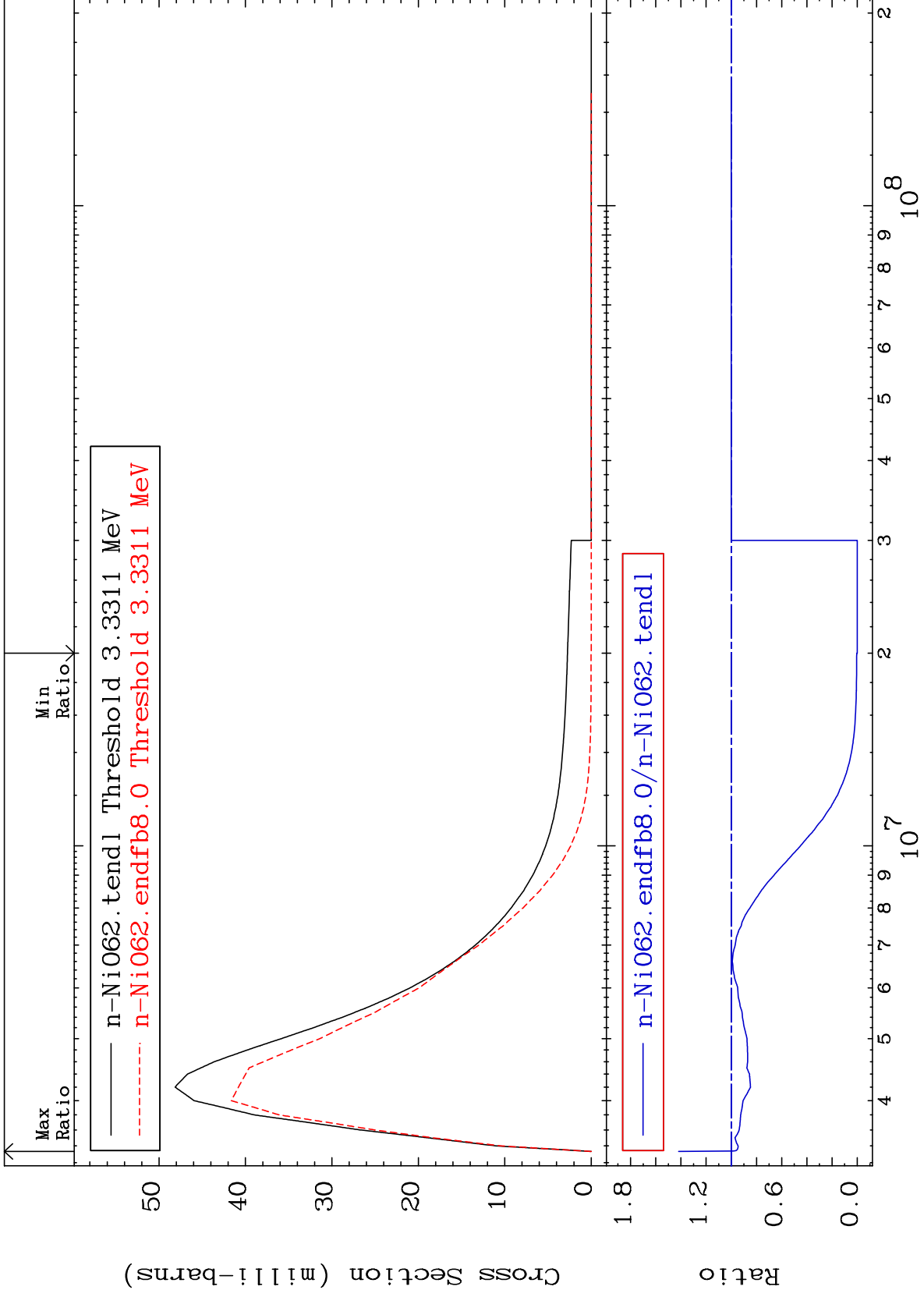
28-Ni-62  
-100.0 To 527.2 %



MAT 2837

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

28-Ni-62  
-100.0 To 41.82 %



20

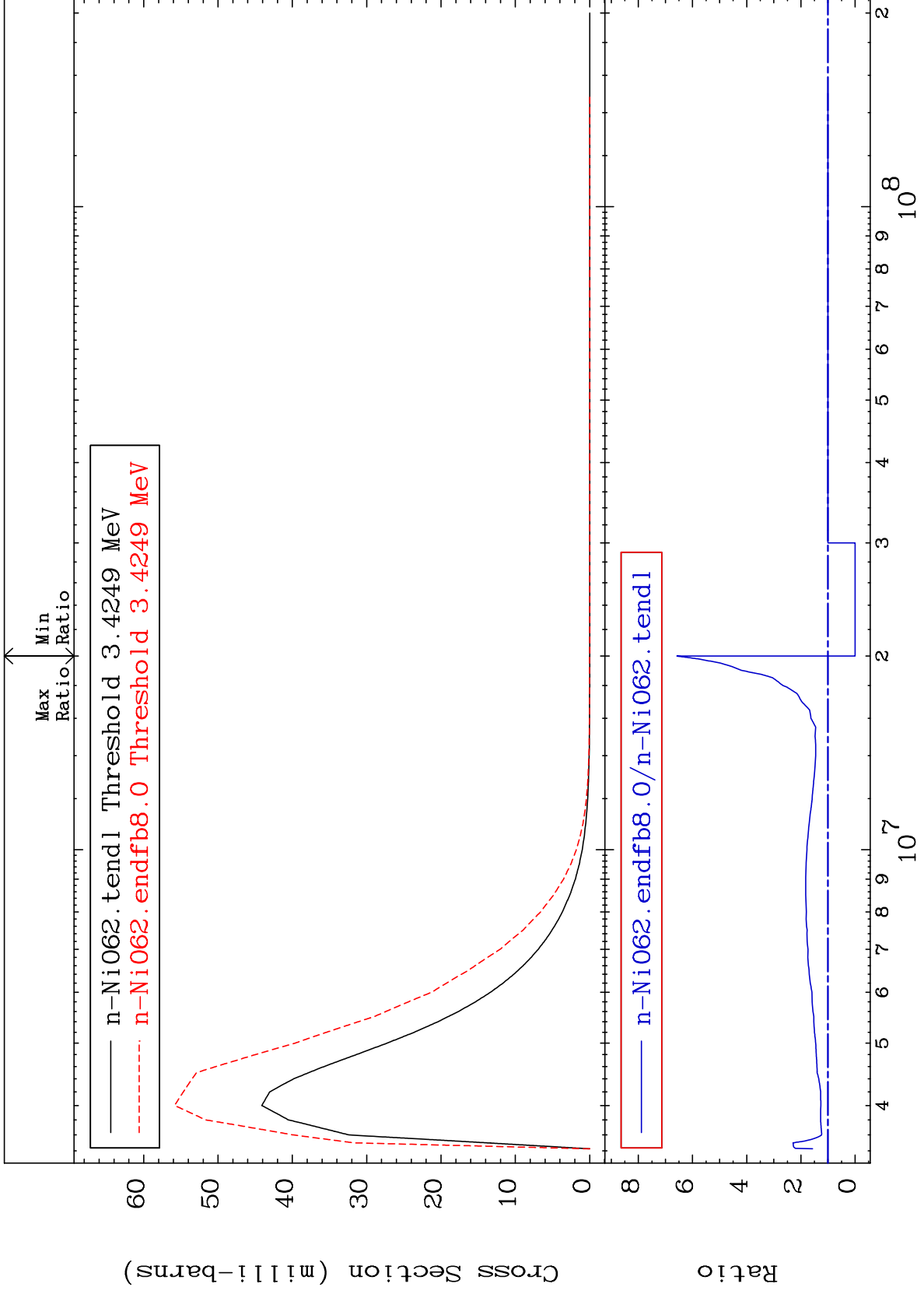
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 557.6 %



21

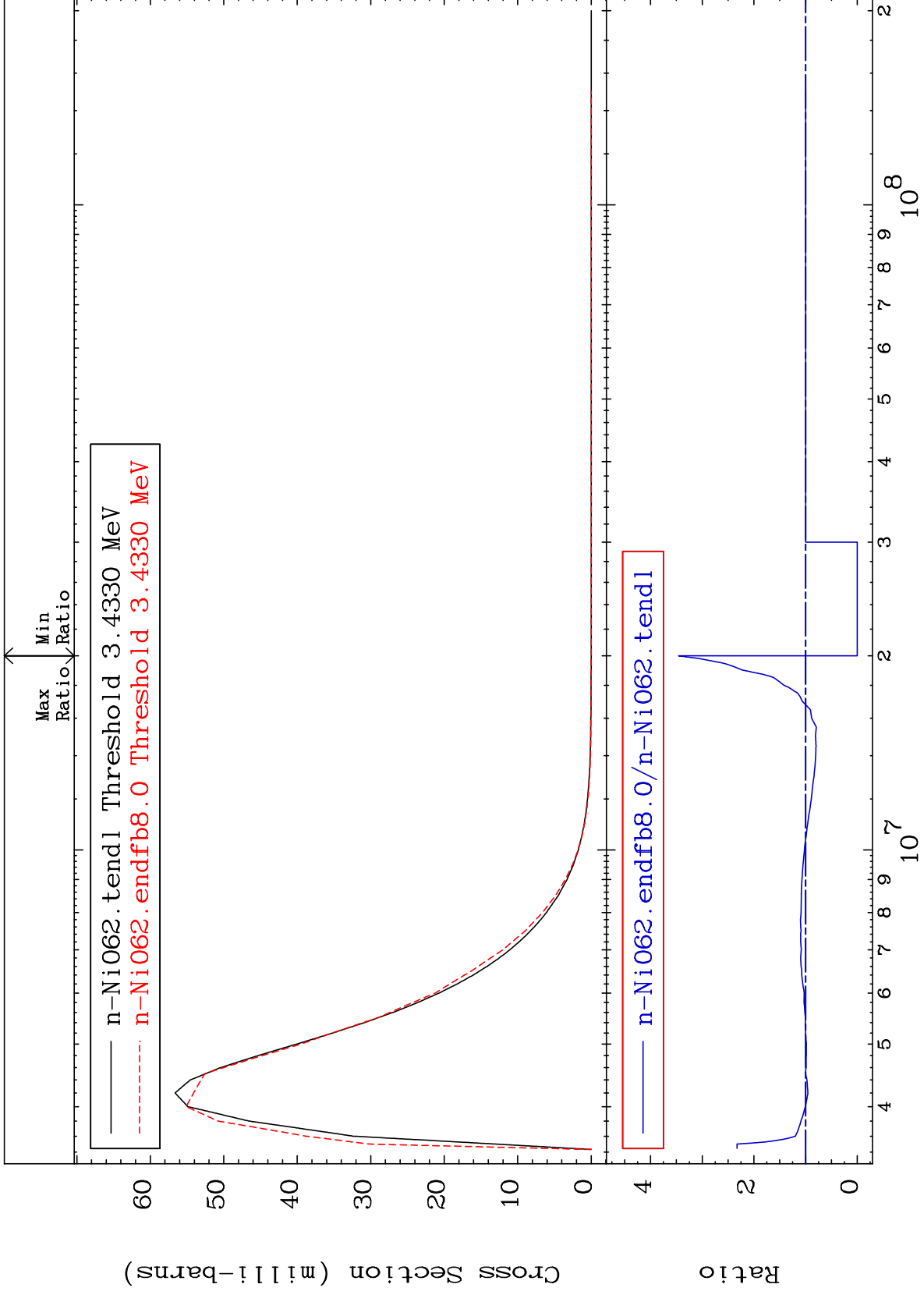
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 245.6 %



22

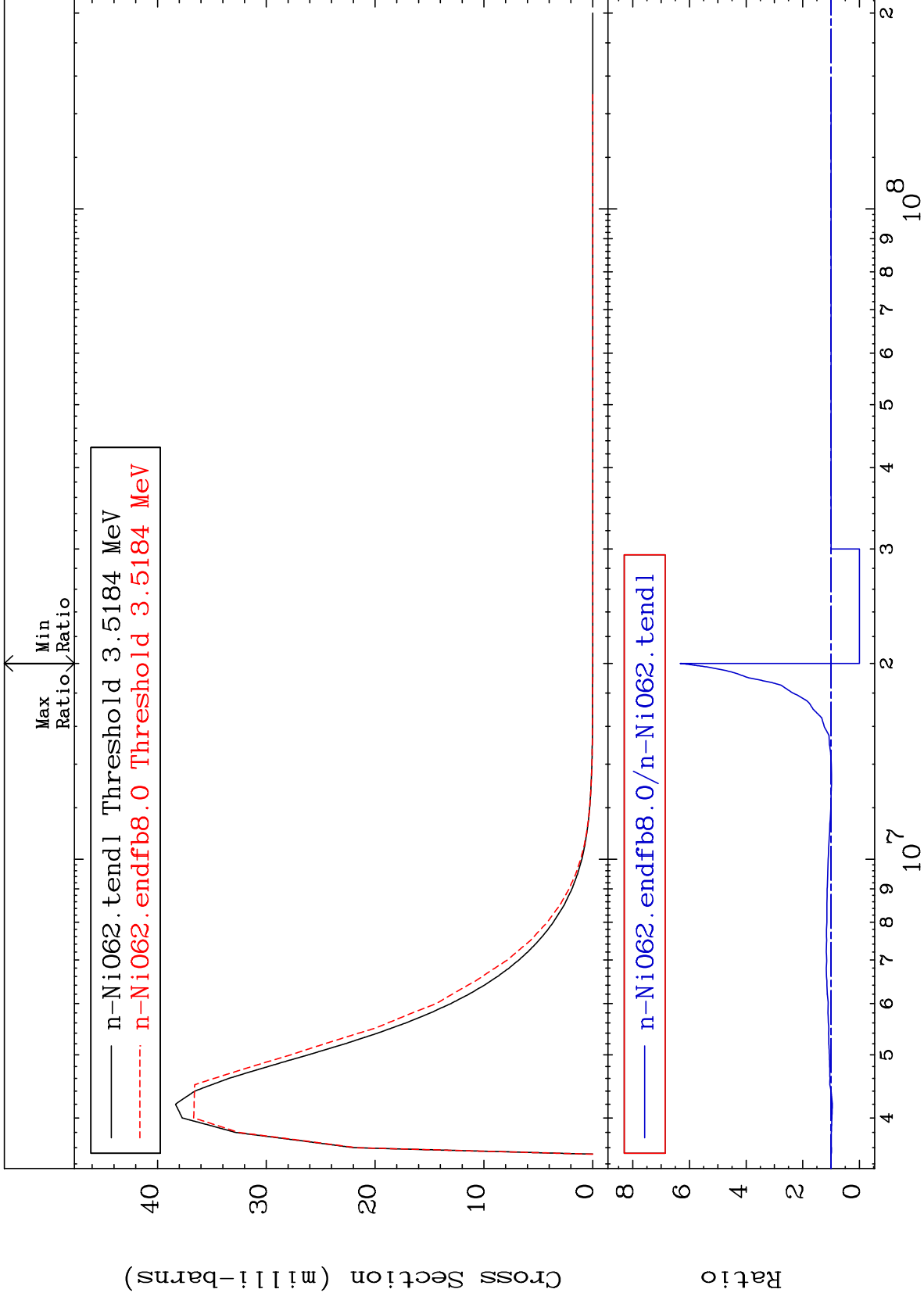
Incident Energy (eV)

28-Ni-62

MAT 2837

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

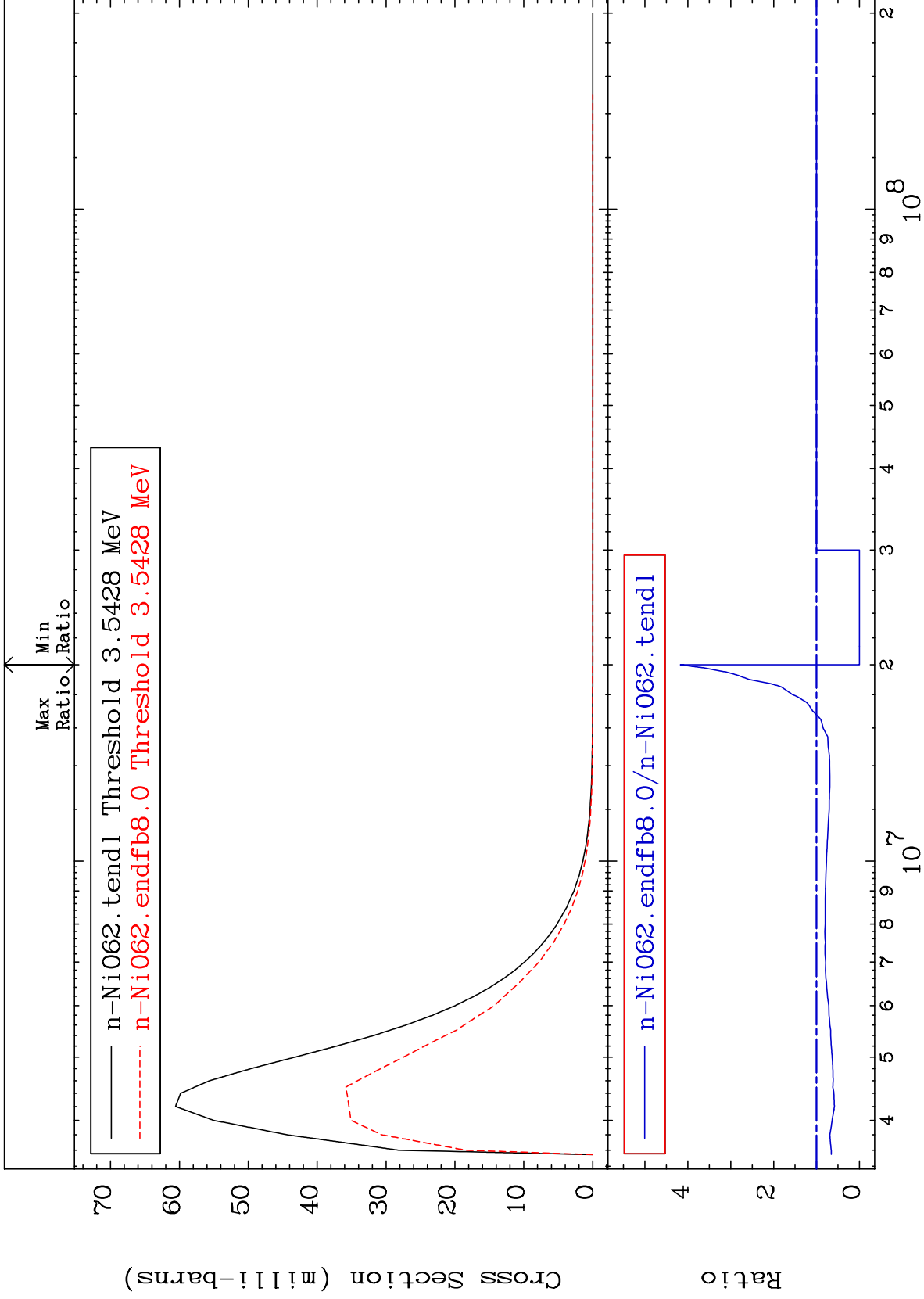
28-Ni-62  
-100.0 To 532.1 %



MAT 2837

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

28-Ni-62  
-100.0 To 317.4 %

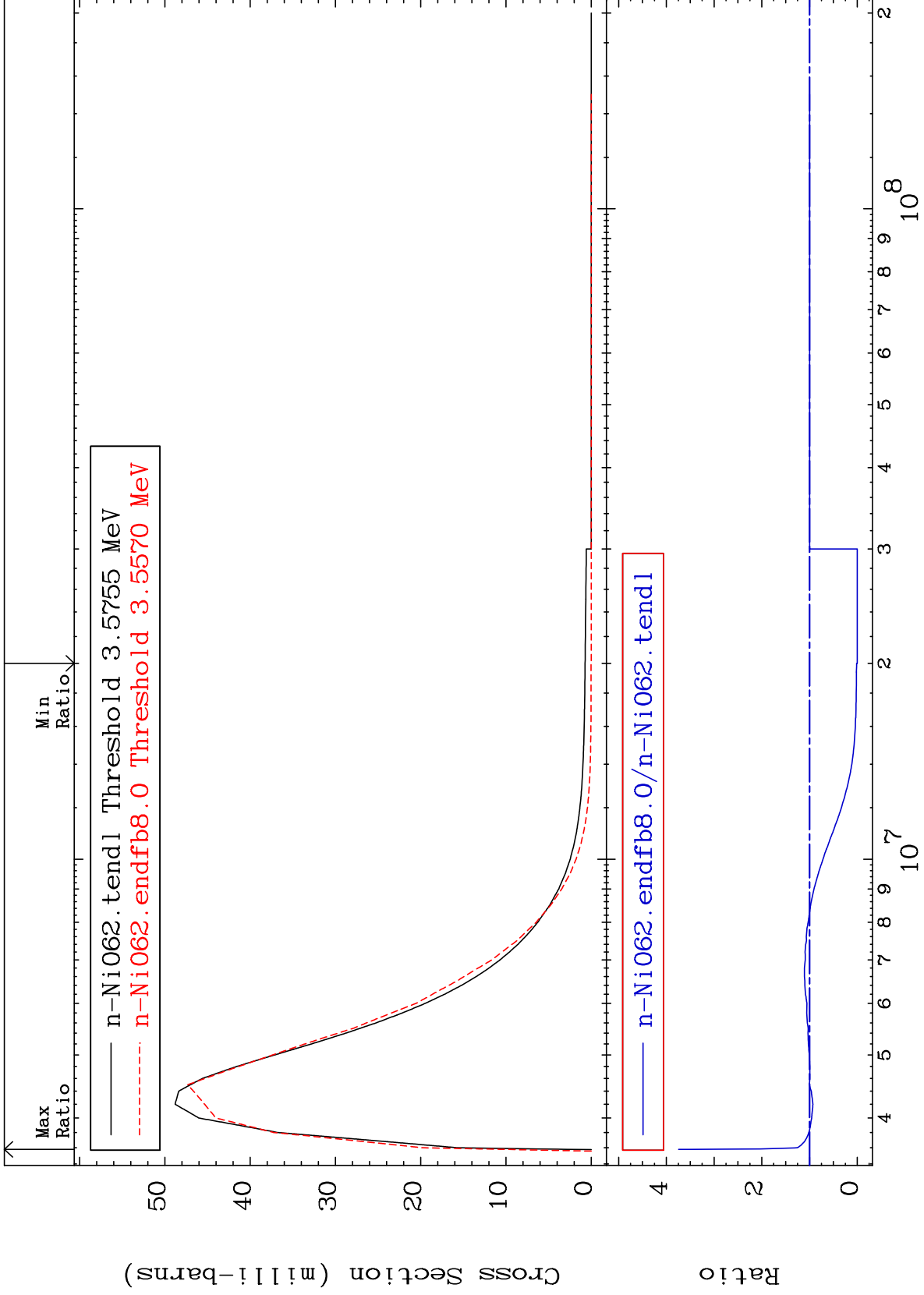




MAT 2837

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

28-Ni-62  
-100.0 To 274.3 %



25

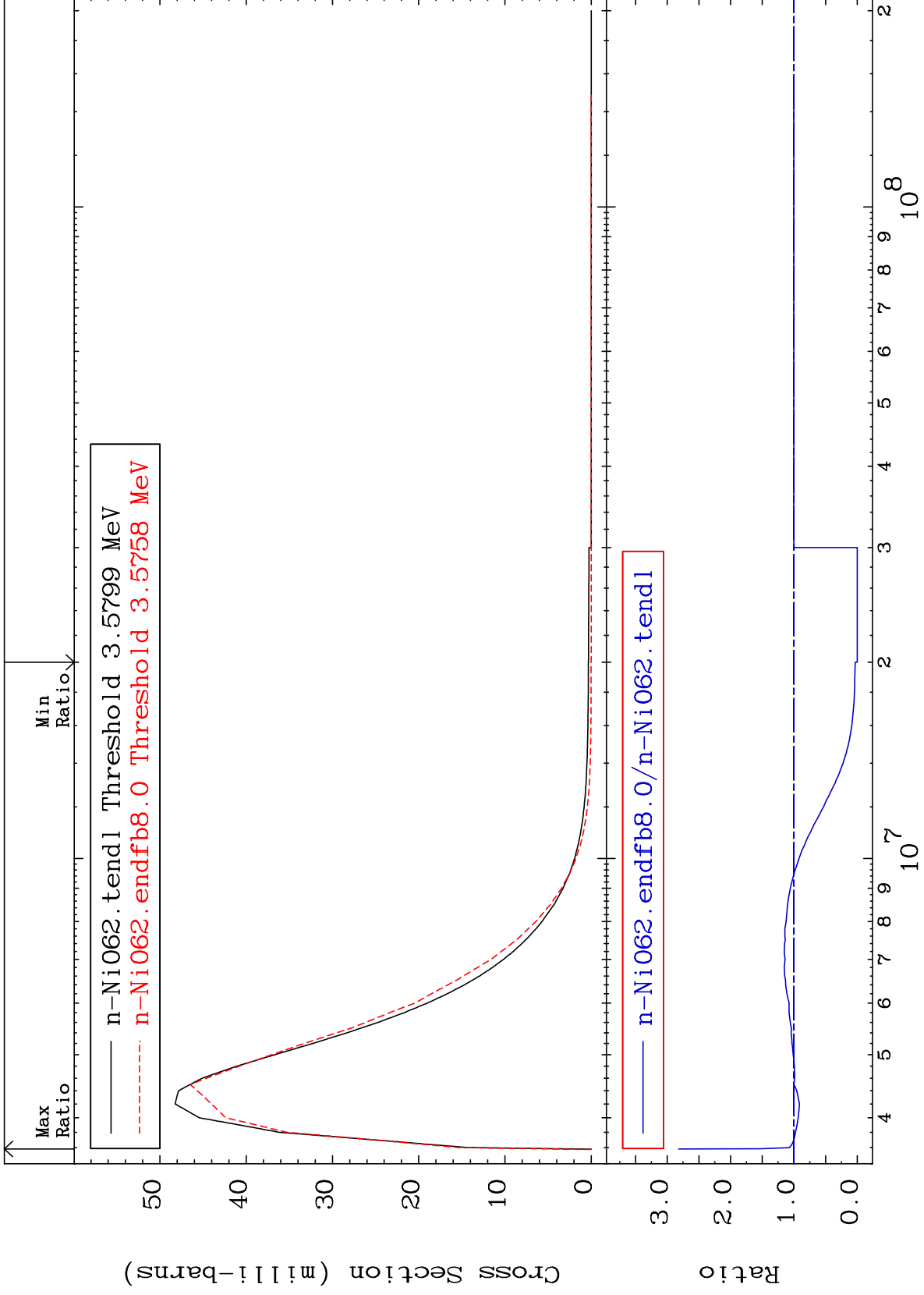
28-Ni-62

28-Ni-62

MAT 2837

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

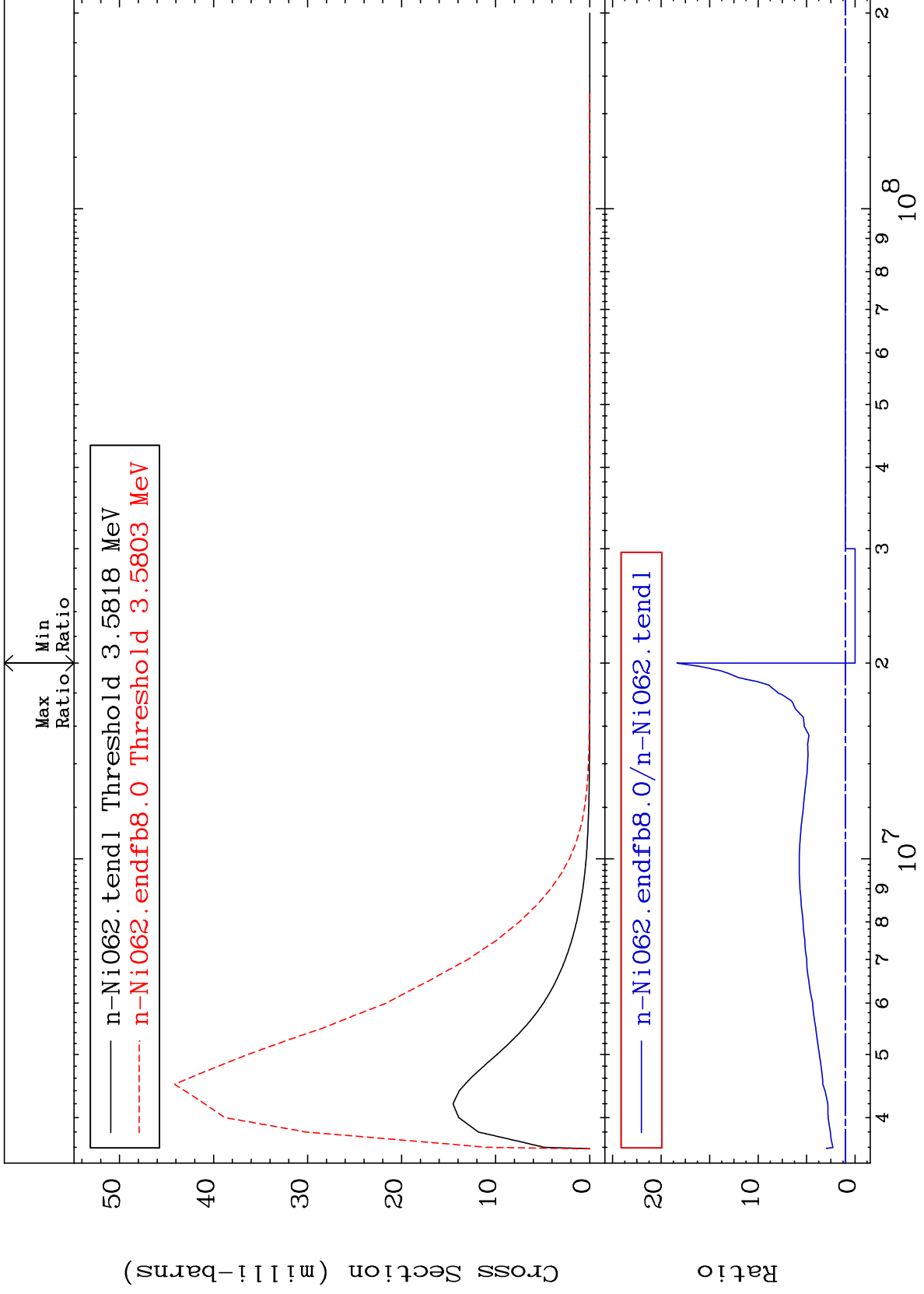
28-Ni-62  
-100.0 To 182.0 %



MAT 2837

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

28-Ni-62  
-100.0 To 1737. %



27

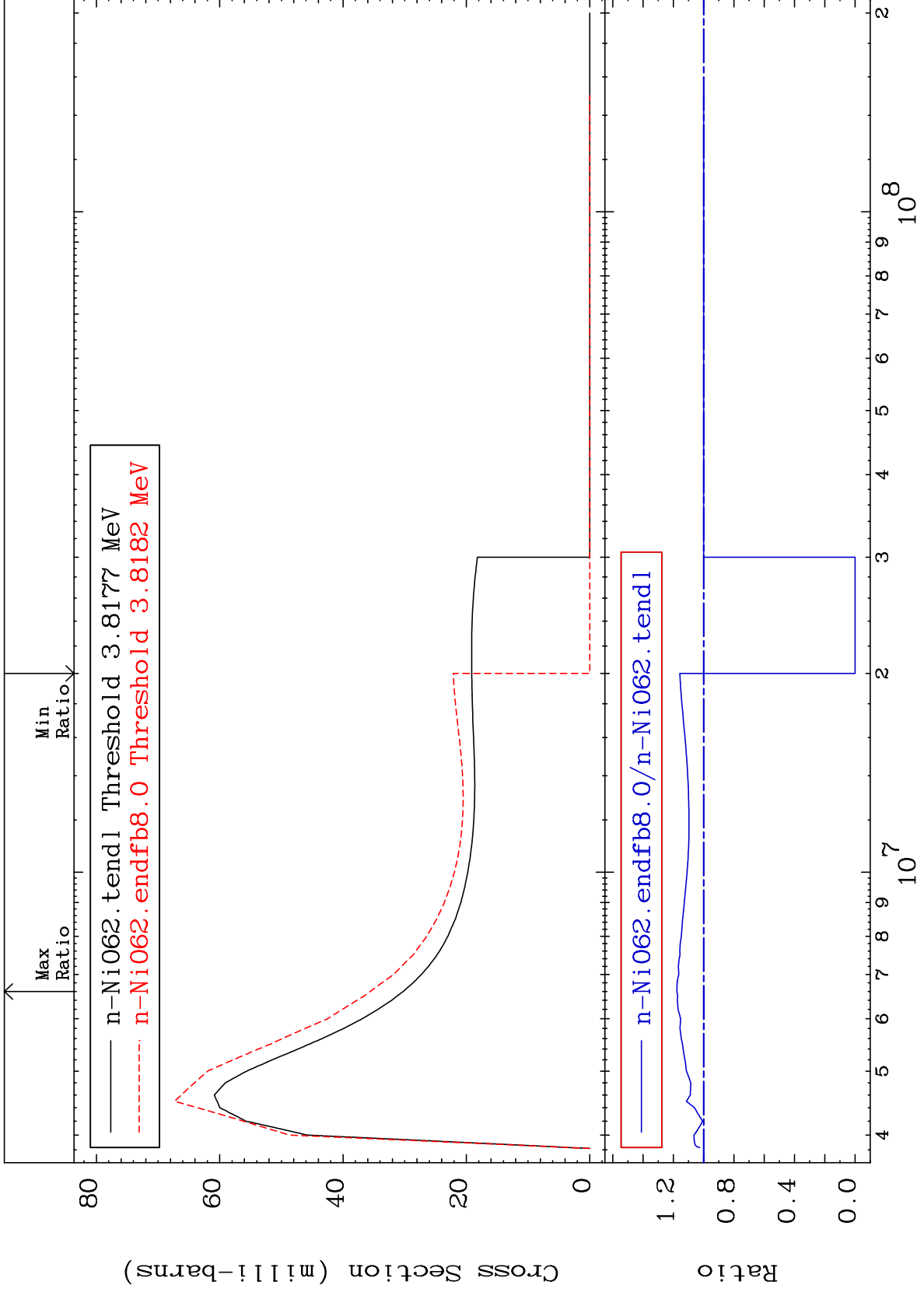
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 17.65 %



28

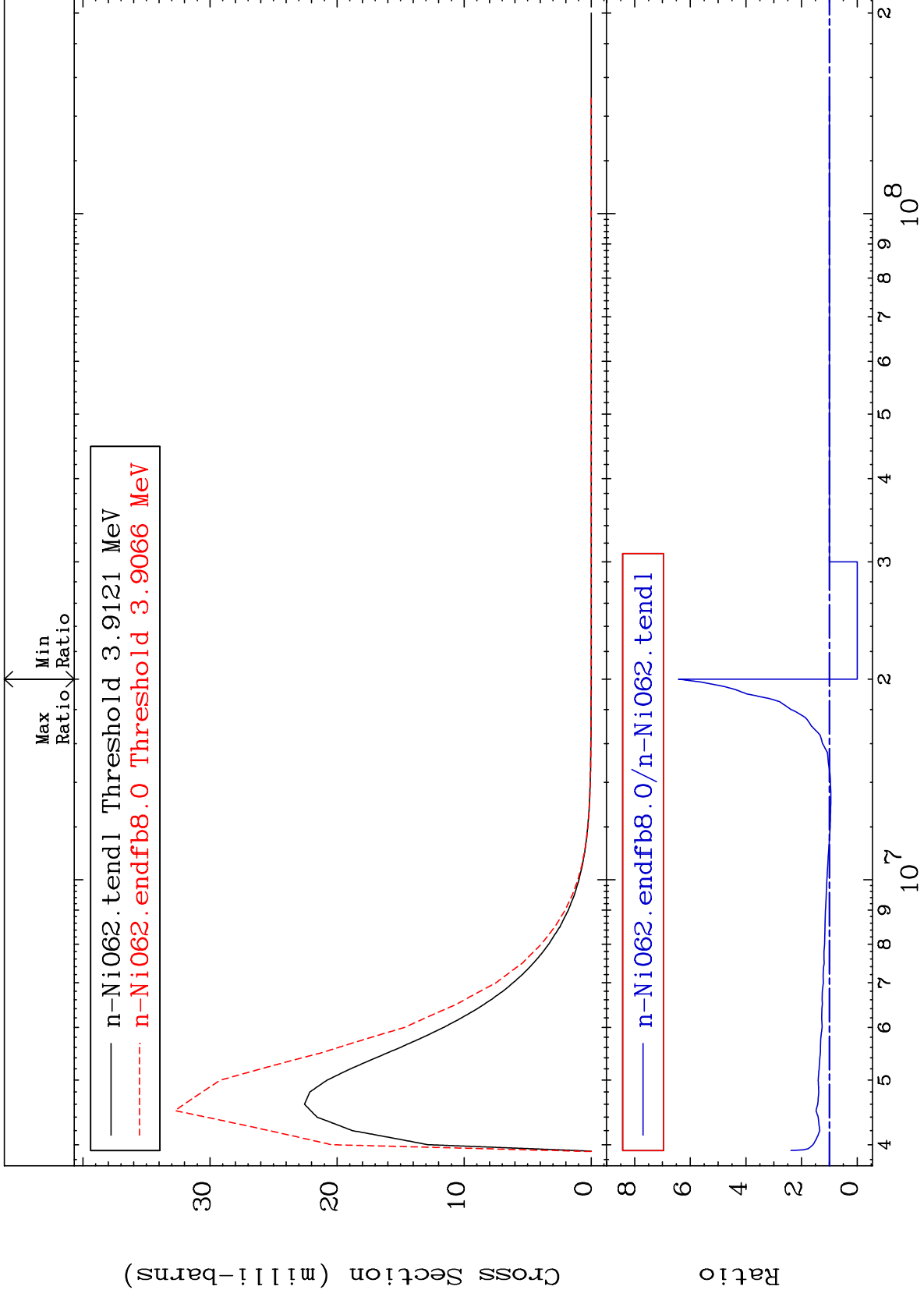
Incident Energy (eV)

28-Ni-62

MAT 2837

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

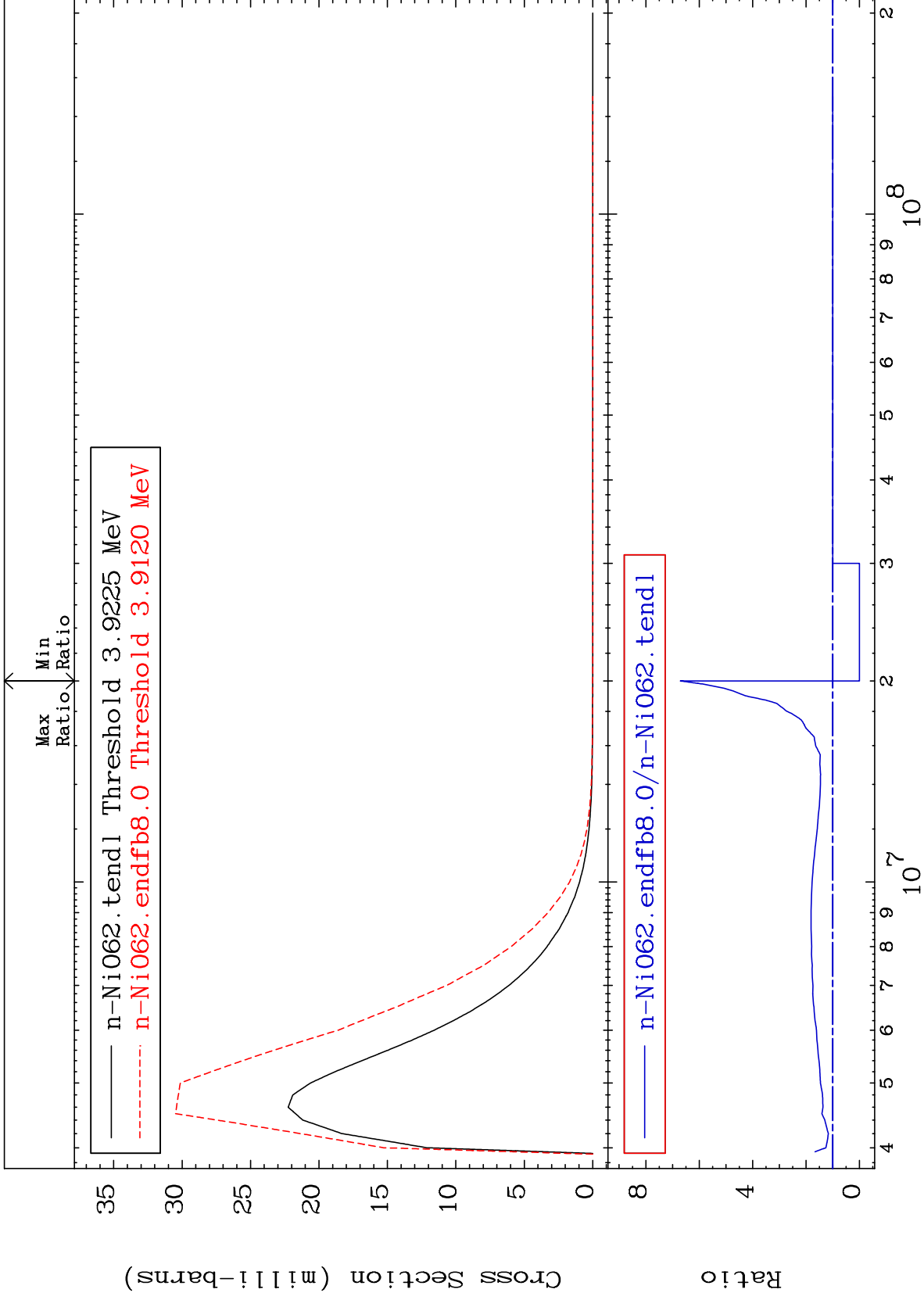
28-Ni-62  
-100.0 To 541.9 %



MAT 2837

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

28-Ni-62  
-100.0 To 570.6 %



30

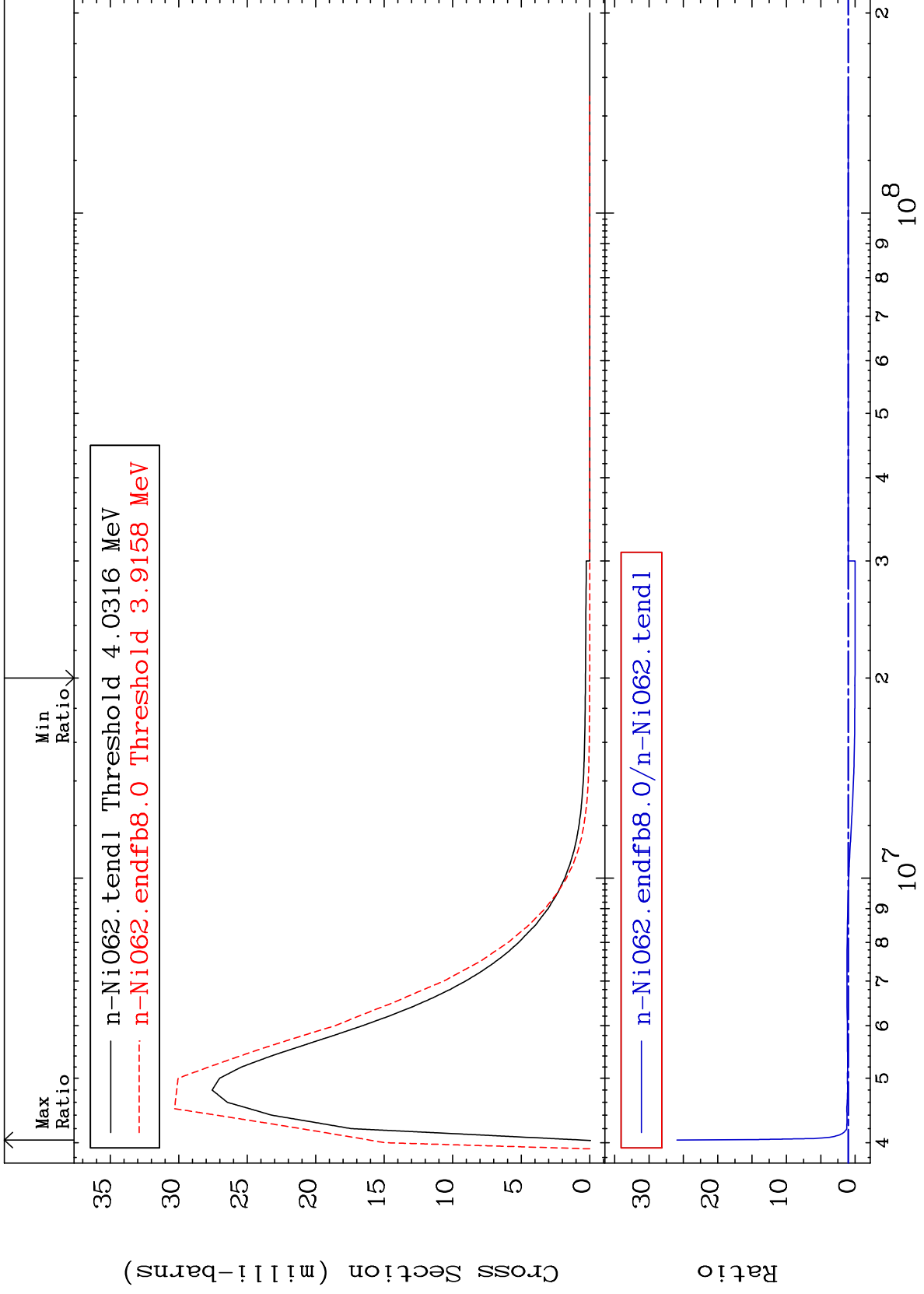
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 2494. %



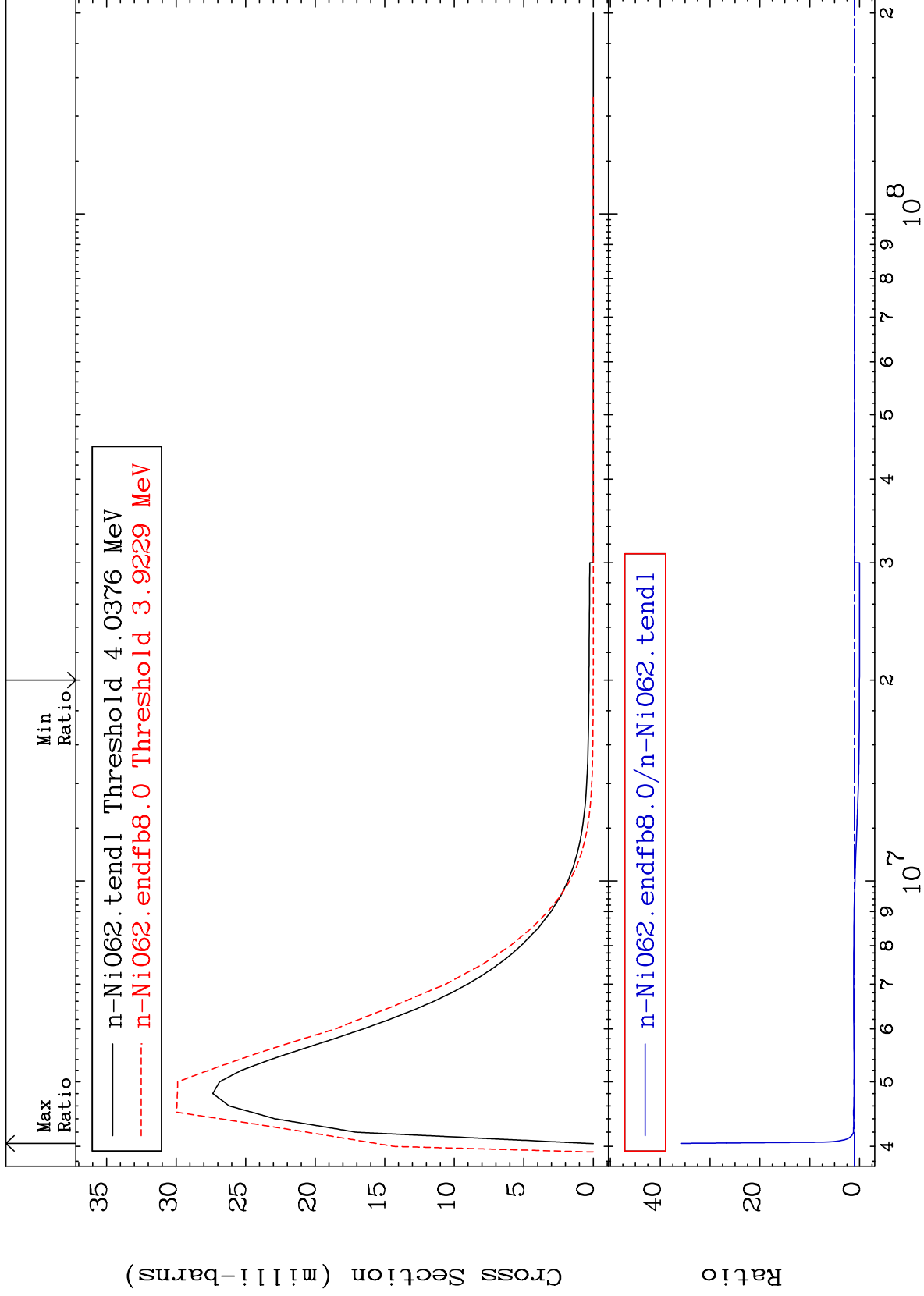
31

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 3488. %



32

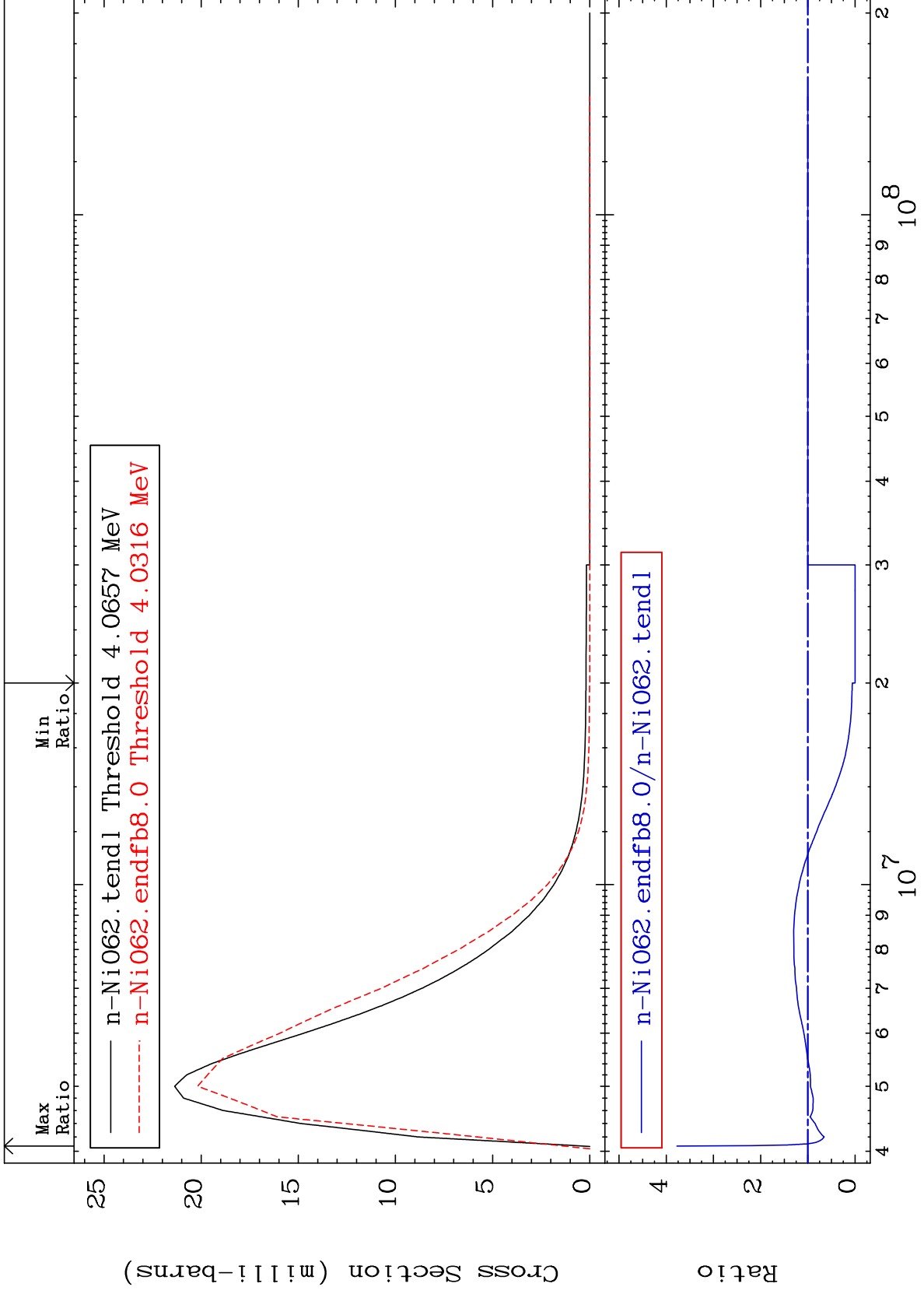
28-Ni-62



MAT 2837

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

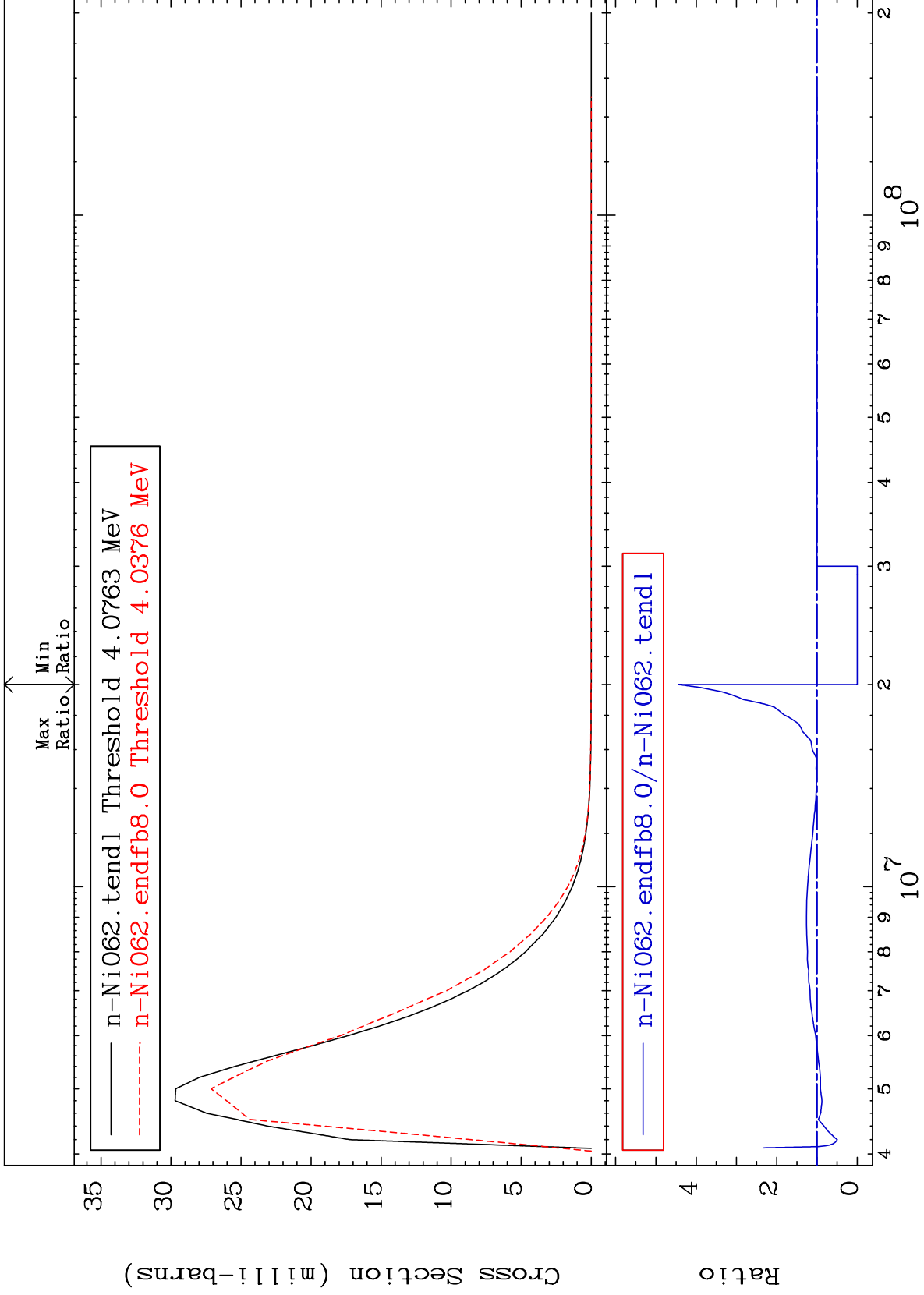
28-Ni-62  
-100.0 To 277.4 %



MAT 2837

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

28-Ni-62  
-100.0 To 343.6 %



34

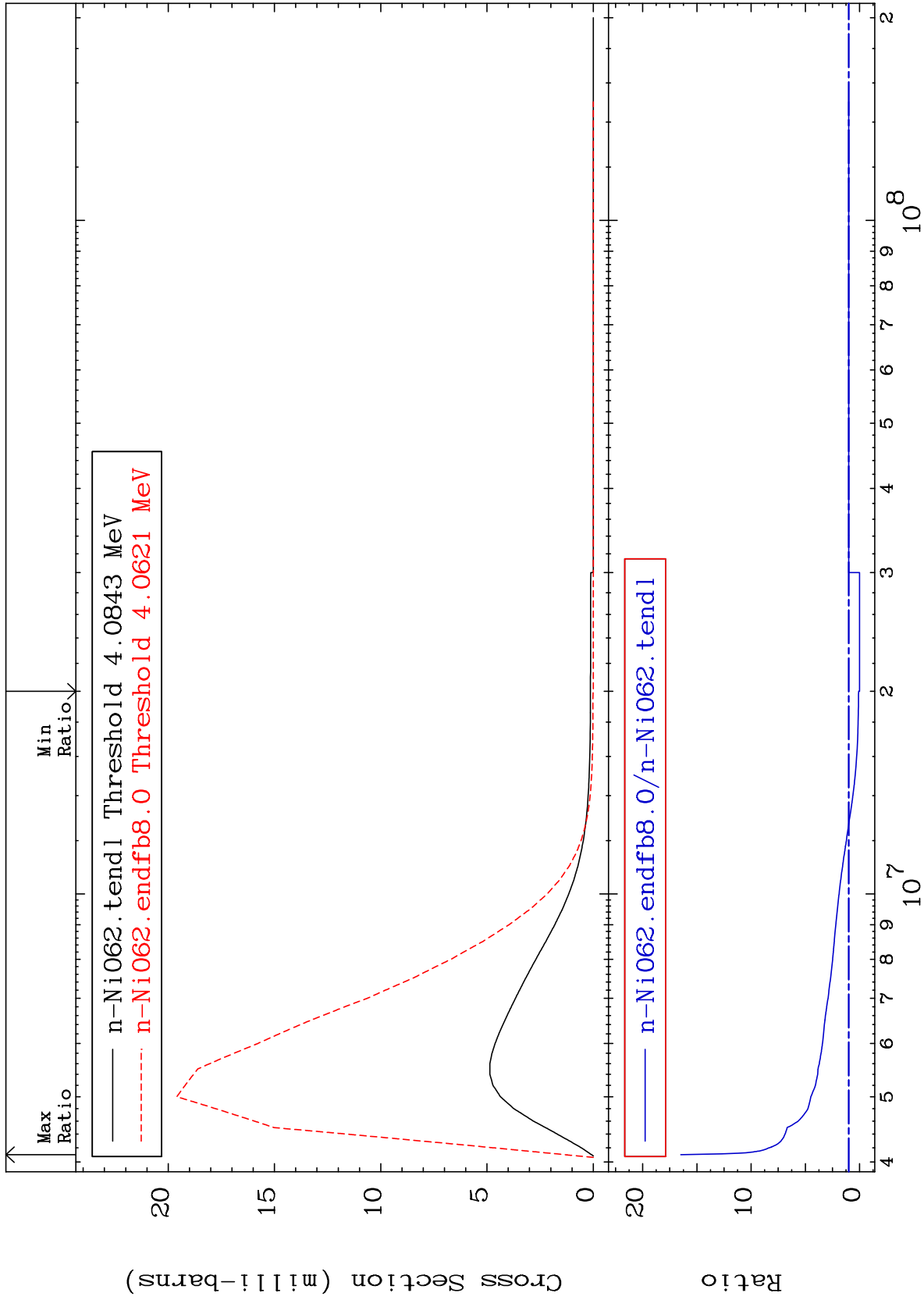
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 1549. %



35

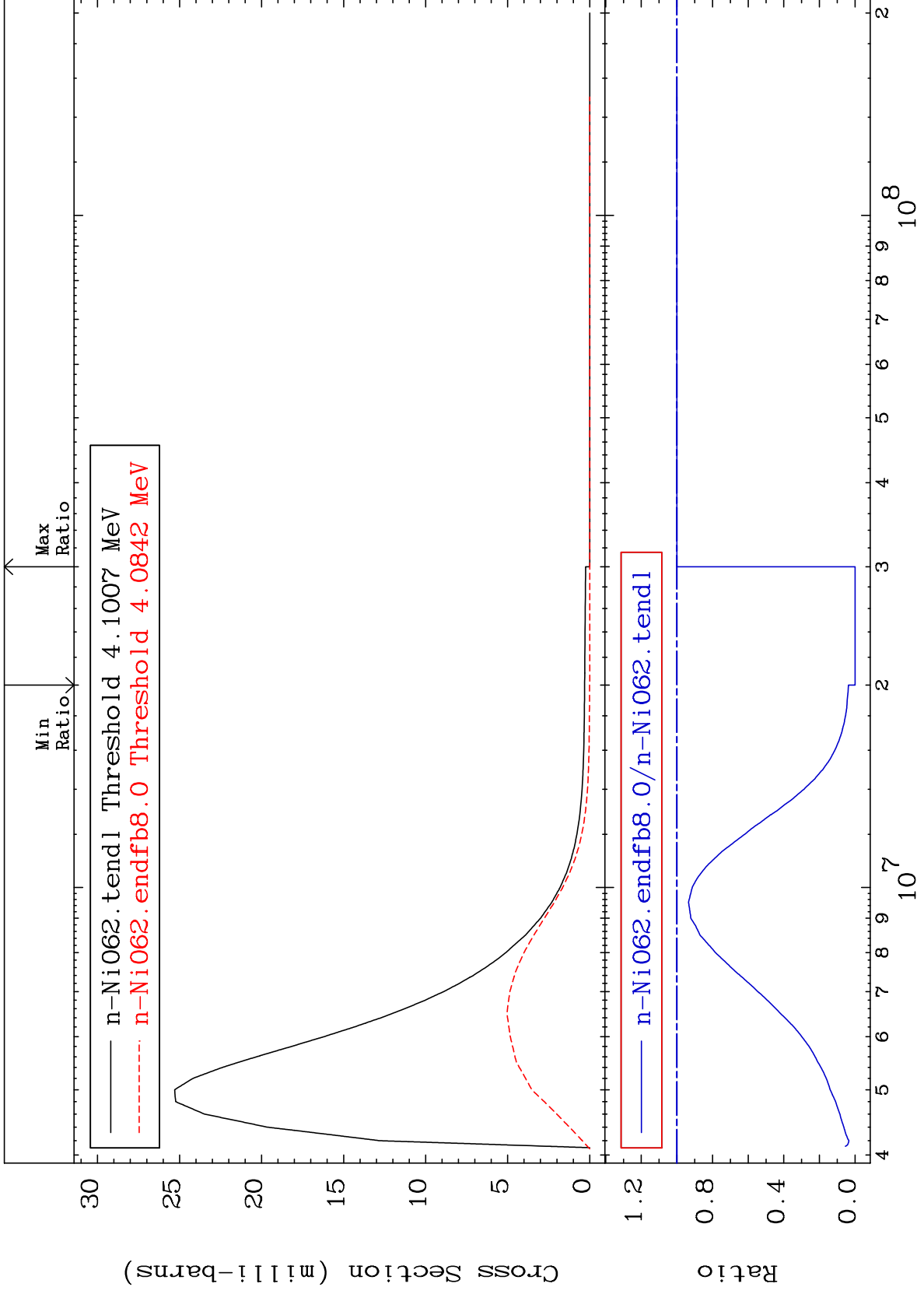
Incident Energy (eV)

28-Ni-62

MAT 2837

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

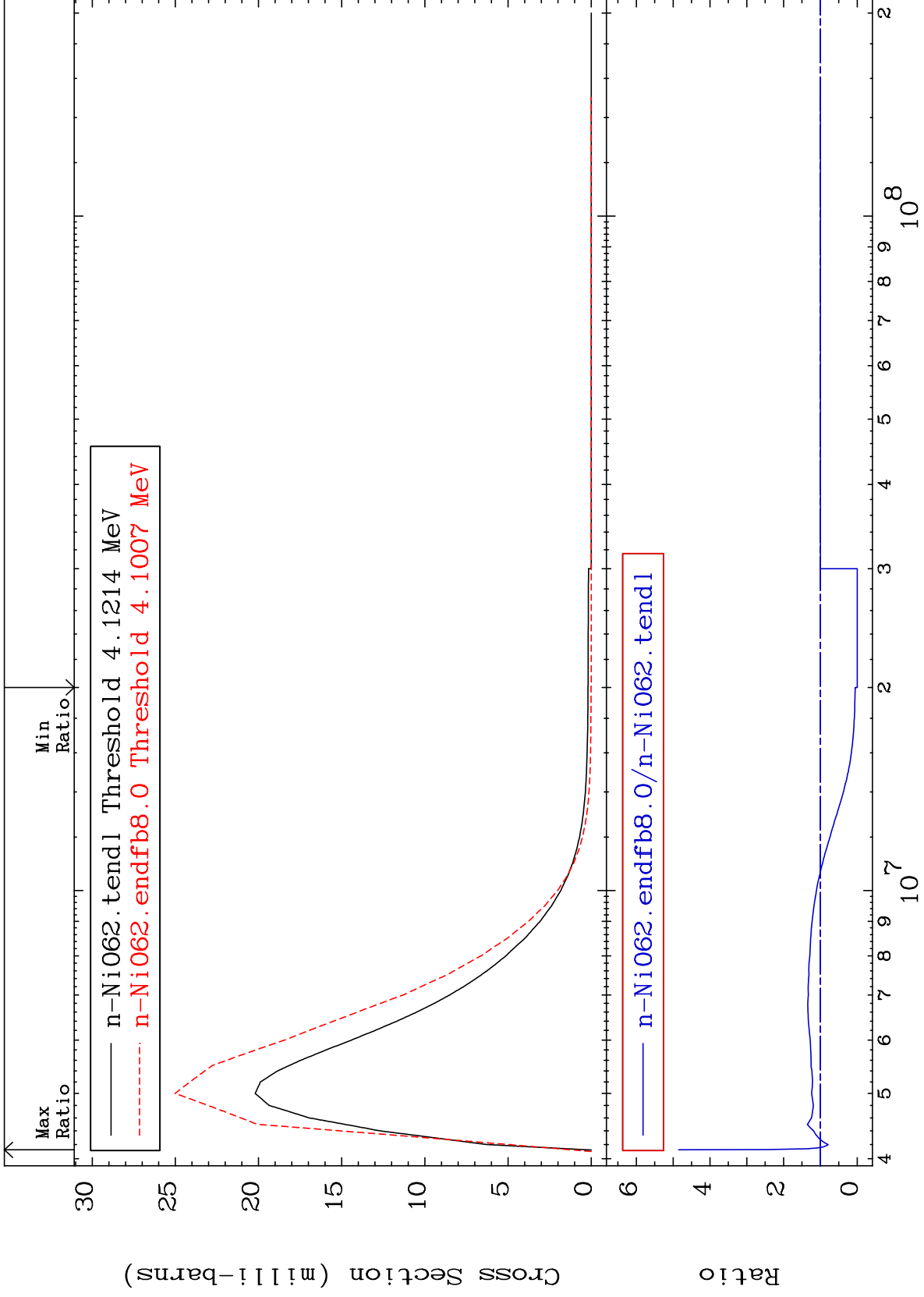
28-Ni-62  
-100.0 To 0.000 %



MAT 2837

MT= 79 (n,n') Level  
Cross Section

28-Ni-62  
-100.0 To 385.1 %



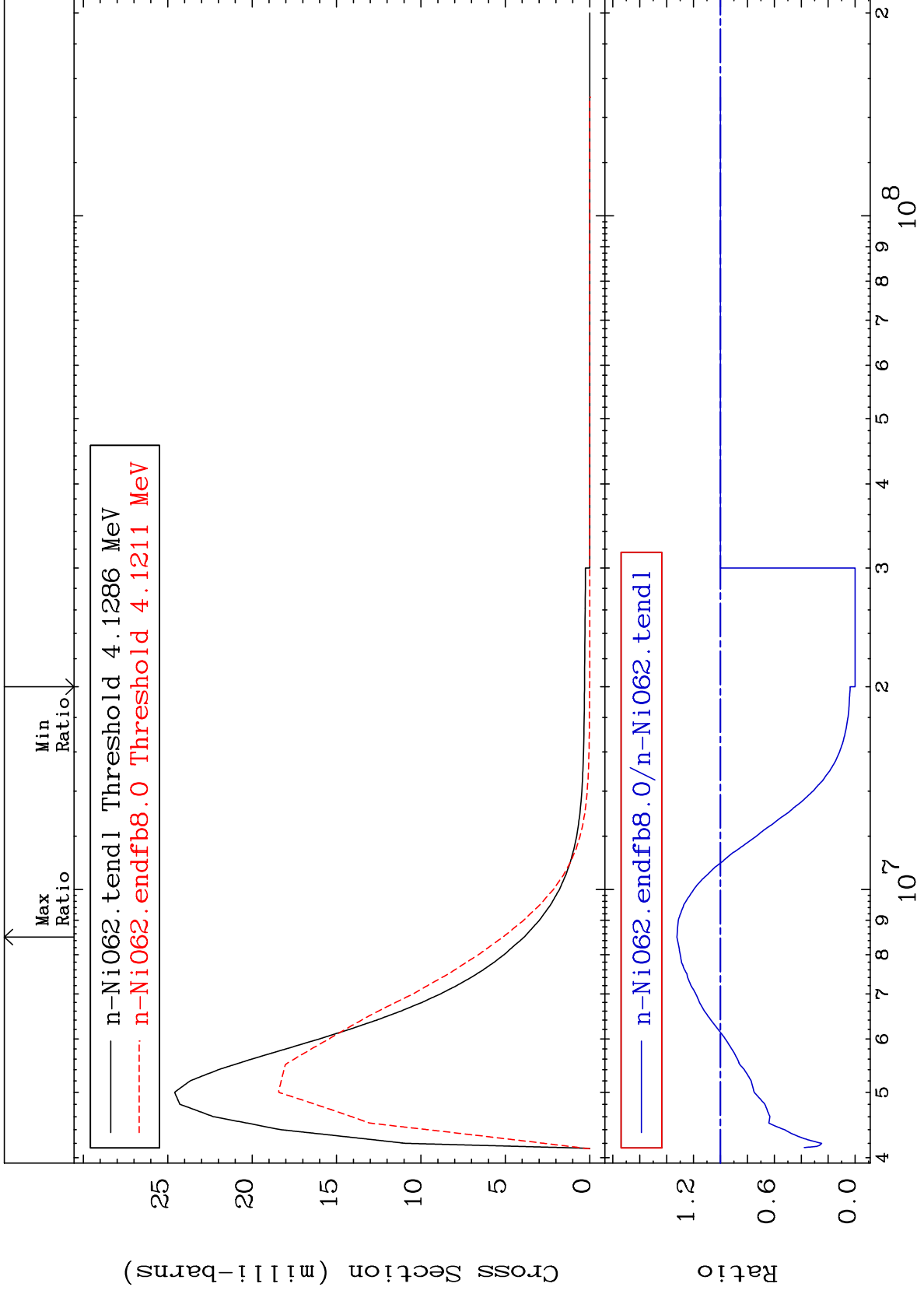
37

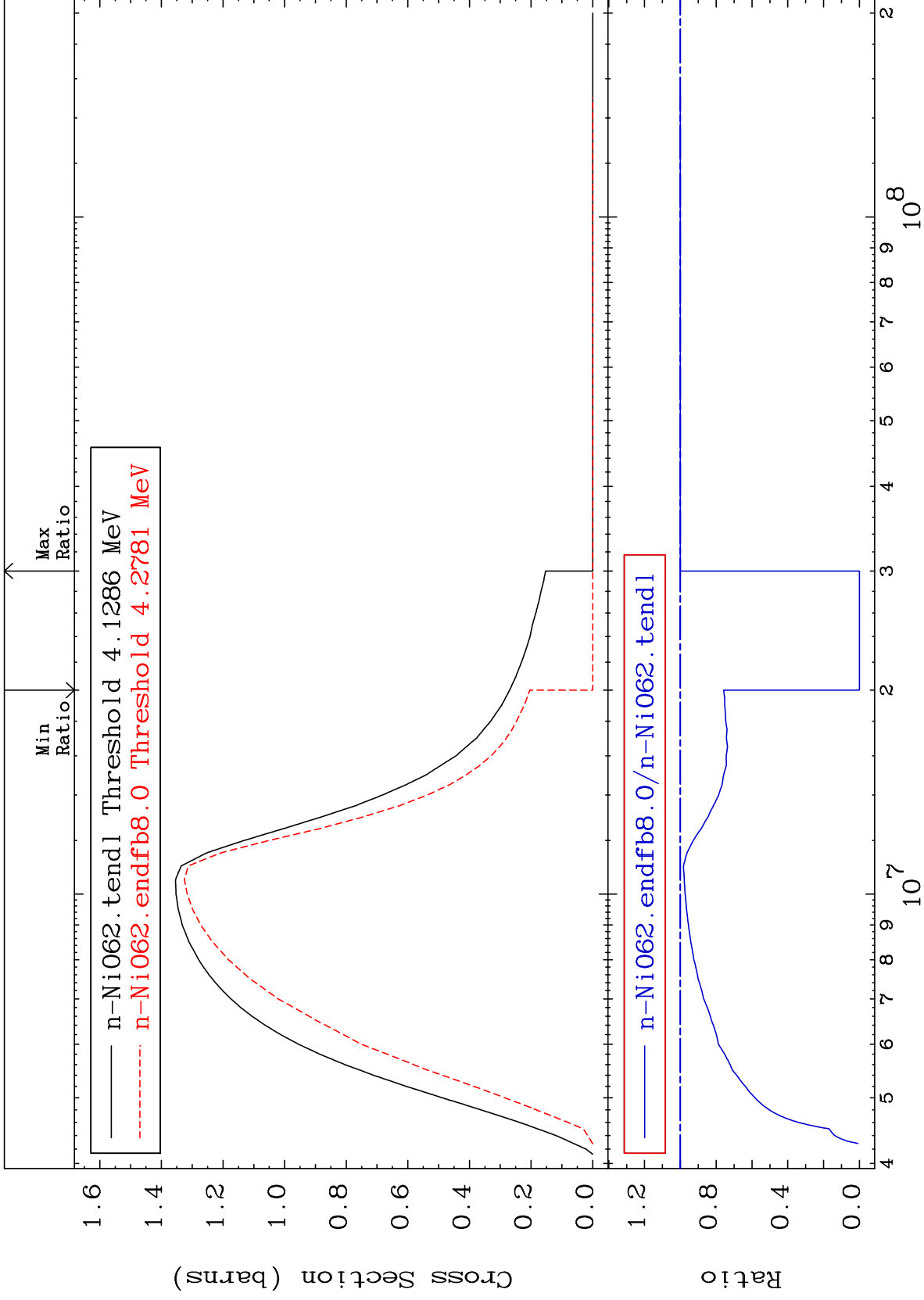
28-Ni-62

MAT 2837

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

28-Ni-62  
-100.0 To 32.37 %





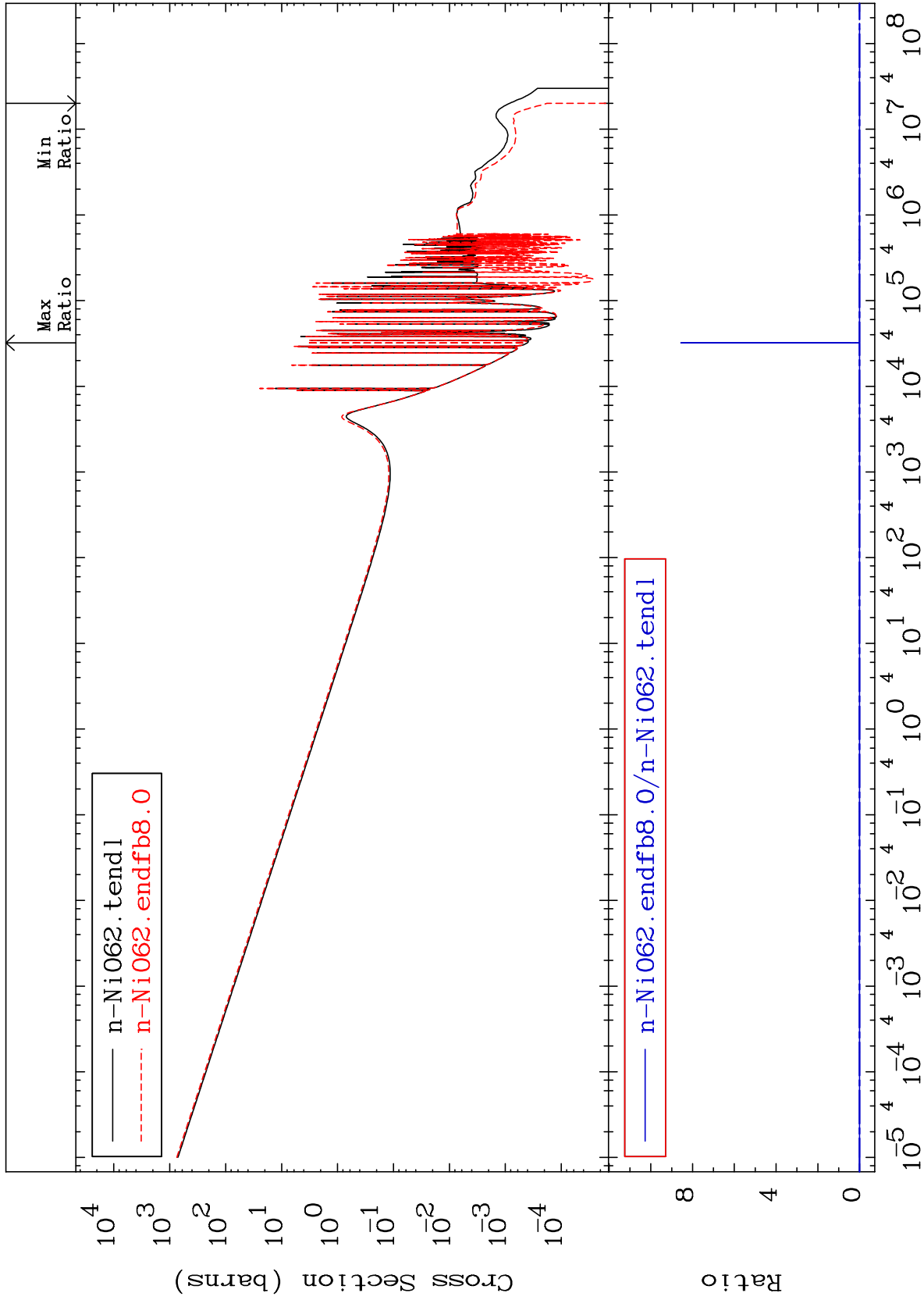
MAT 2837

(n,  $\gamma$ )

28-Ni-62

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

28-Ni-62

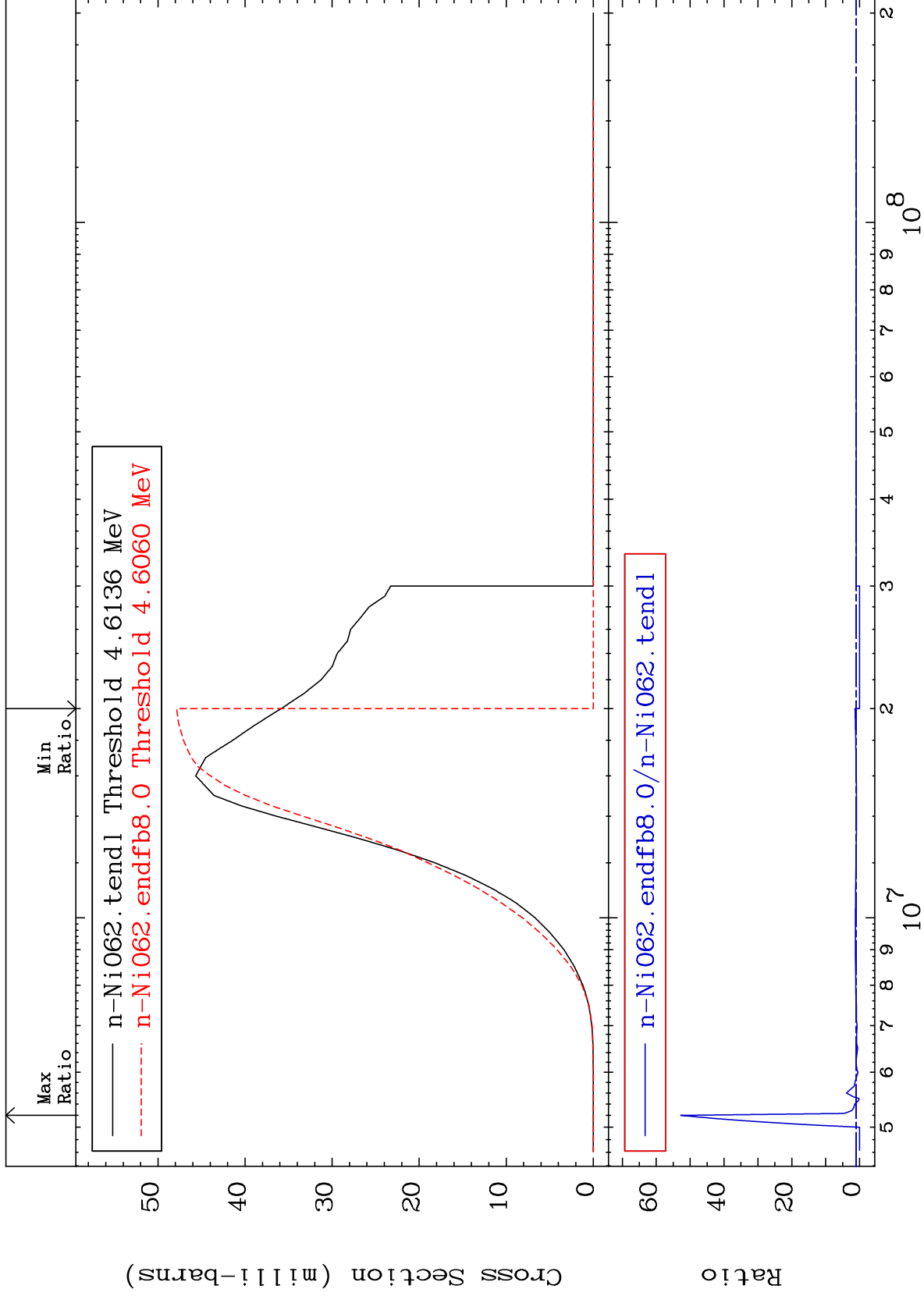
40



MAT 2837

(n,p)  
Cross Section

28-Ni-62  
-100.0 To 5177. %



41

28-Ni-62

28-Ni-62

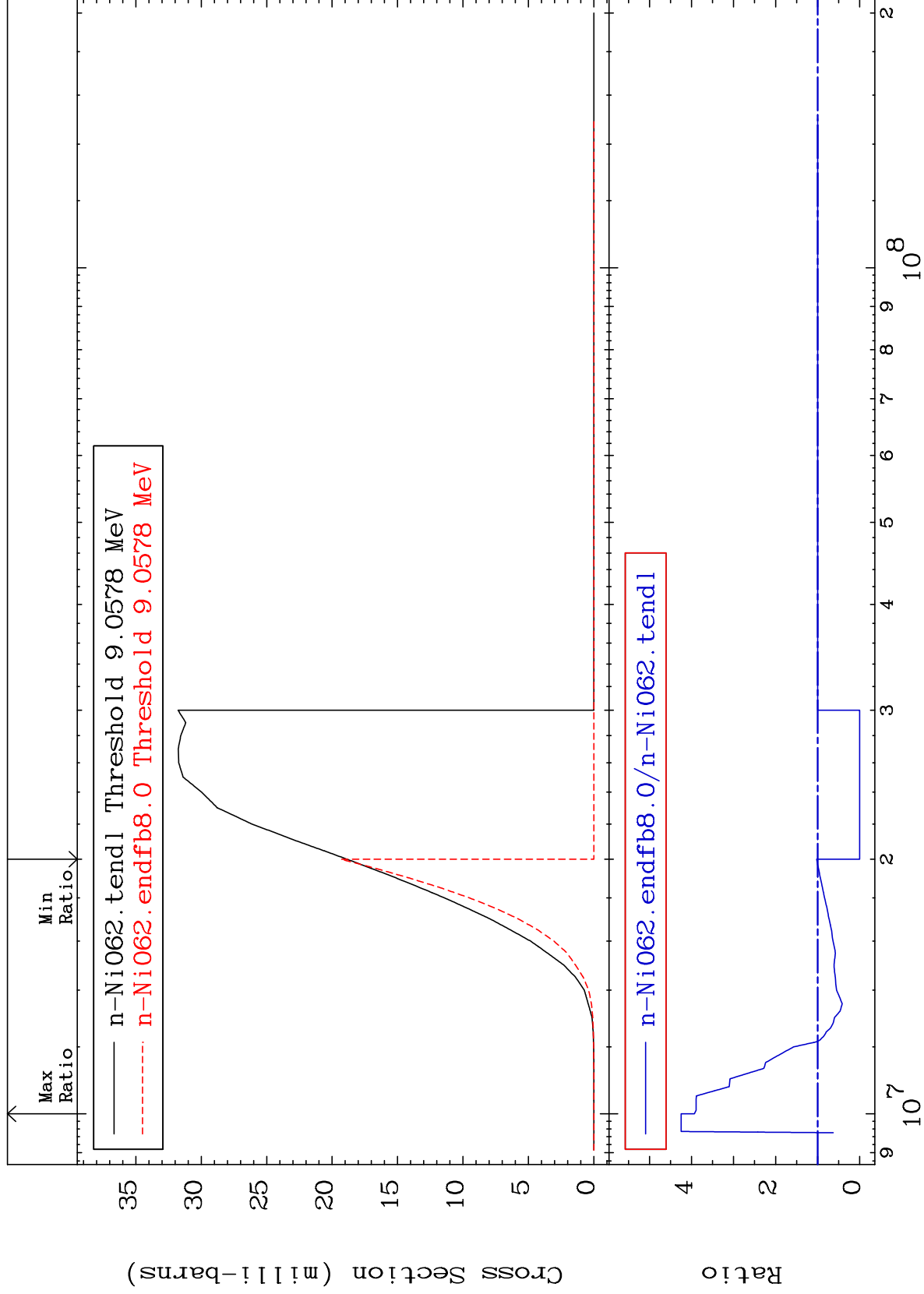
MAT 2837

(n, d)

28-Ni-62

Cross Section

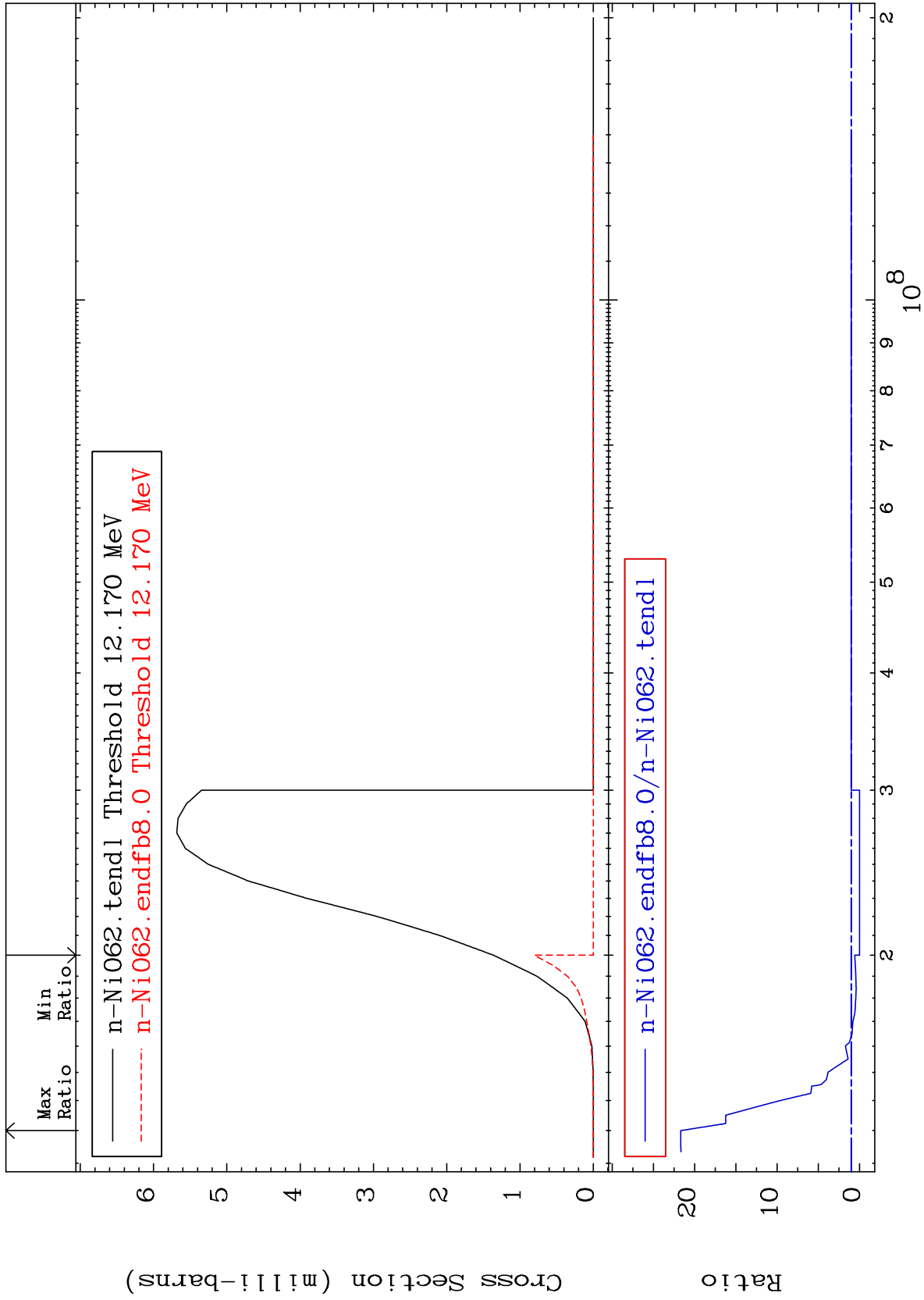
-100.0 To 324.7 %



42

Incident Energy (eV)

28-Ni-62



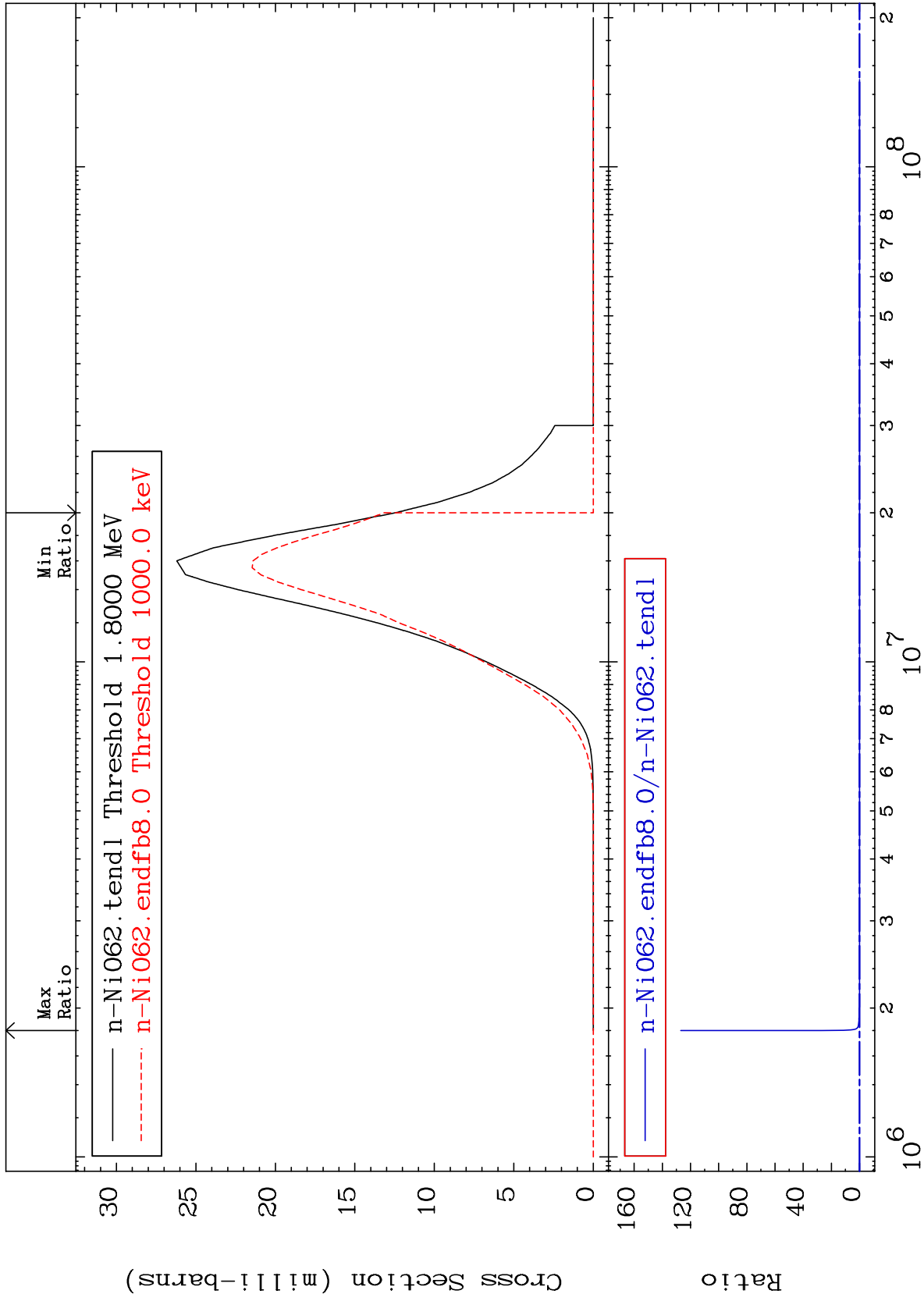
MAT 2837

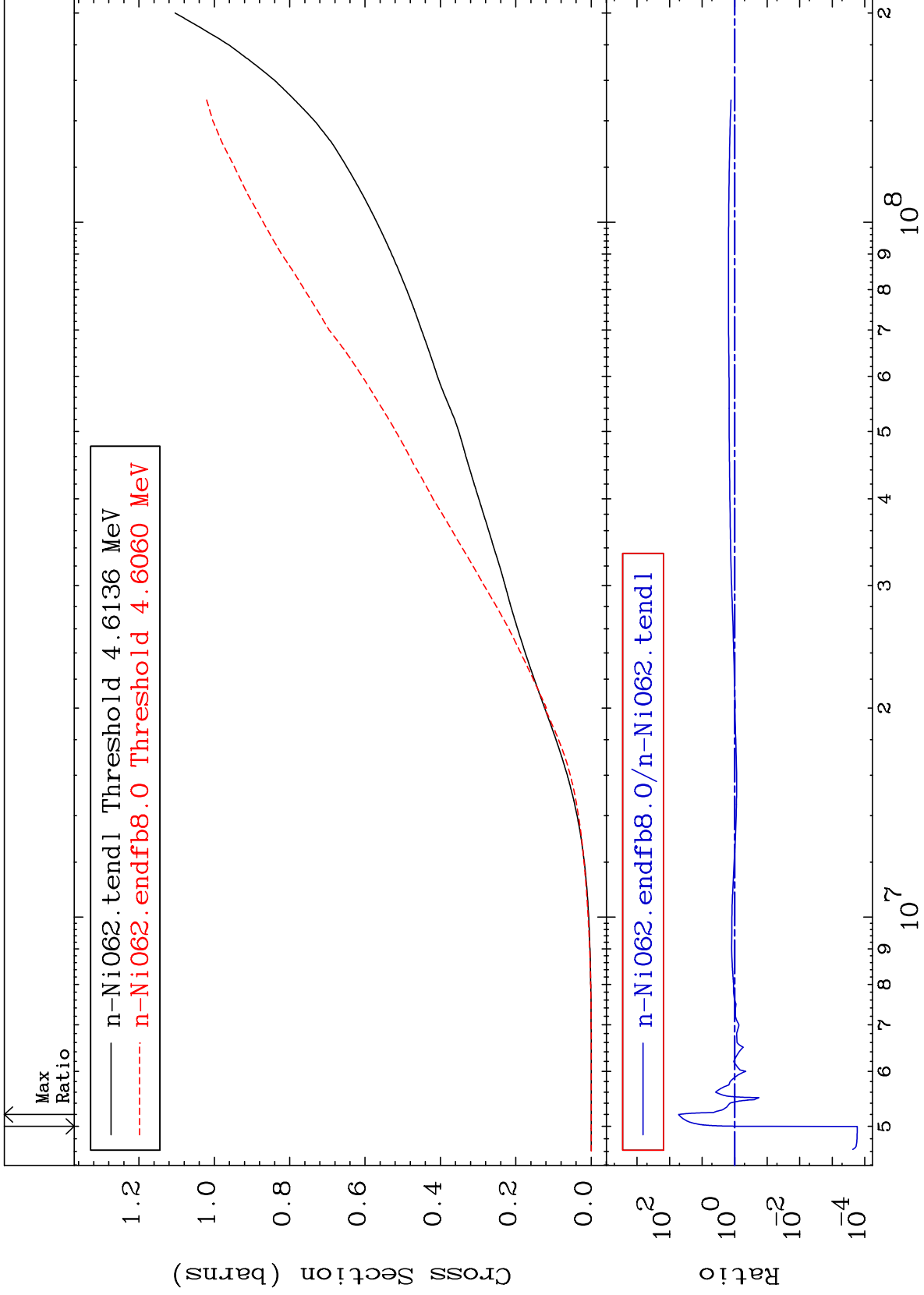
(n,  $\alpha$ )

28-Ni-62

Cross Section

-100.0 To 9999. %

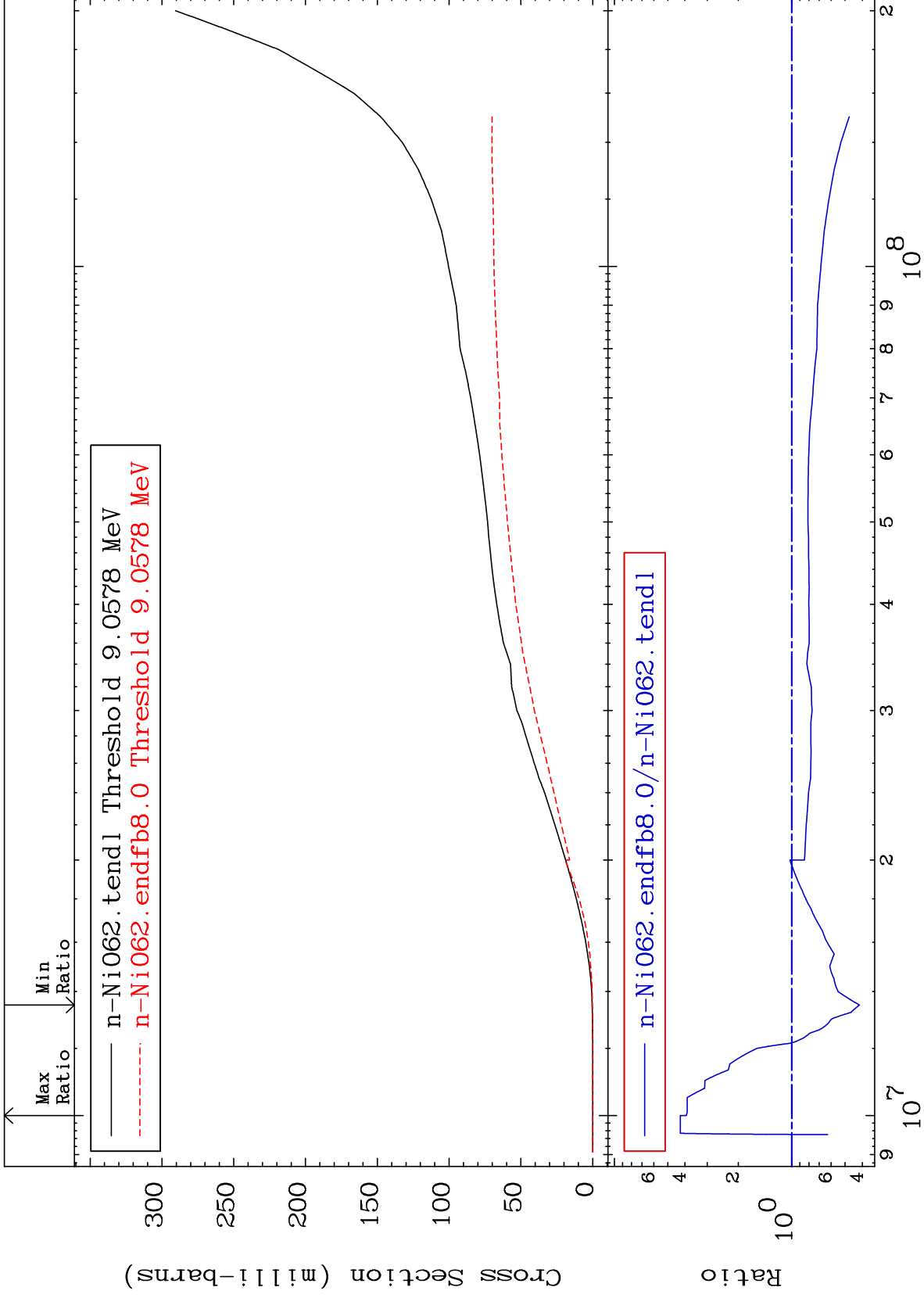




MAT 2837

Deuterium Production  
Cross Section

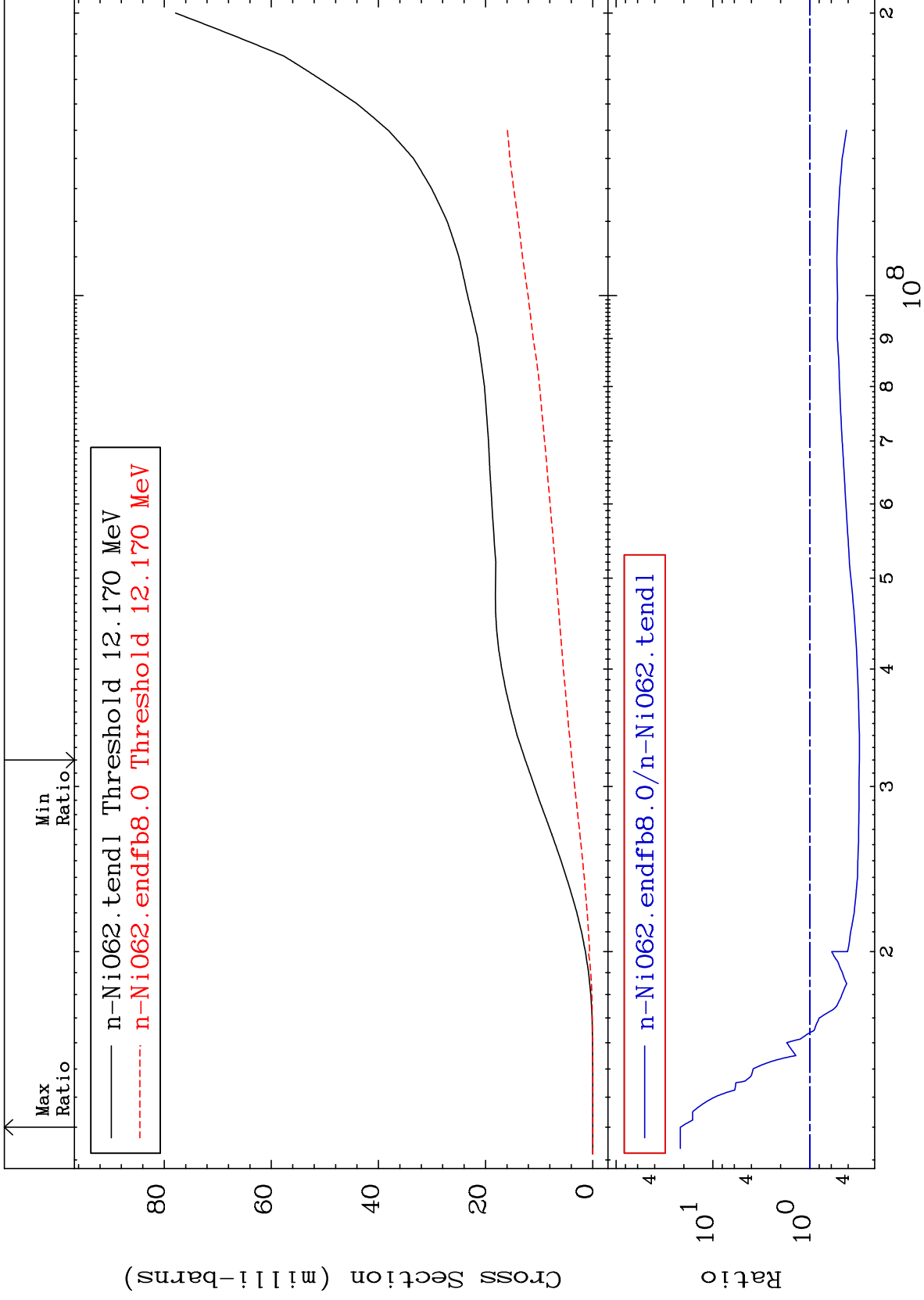
28-Ni-62  
-58.47 To 324.7 %



46

28-Ni-62

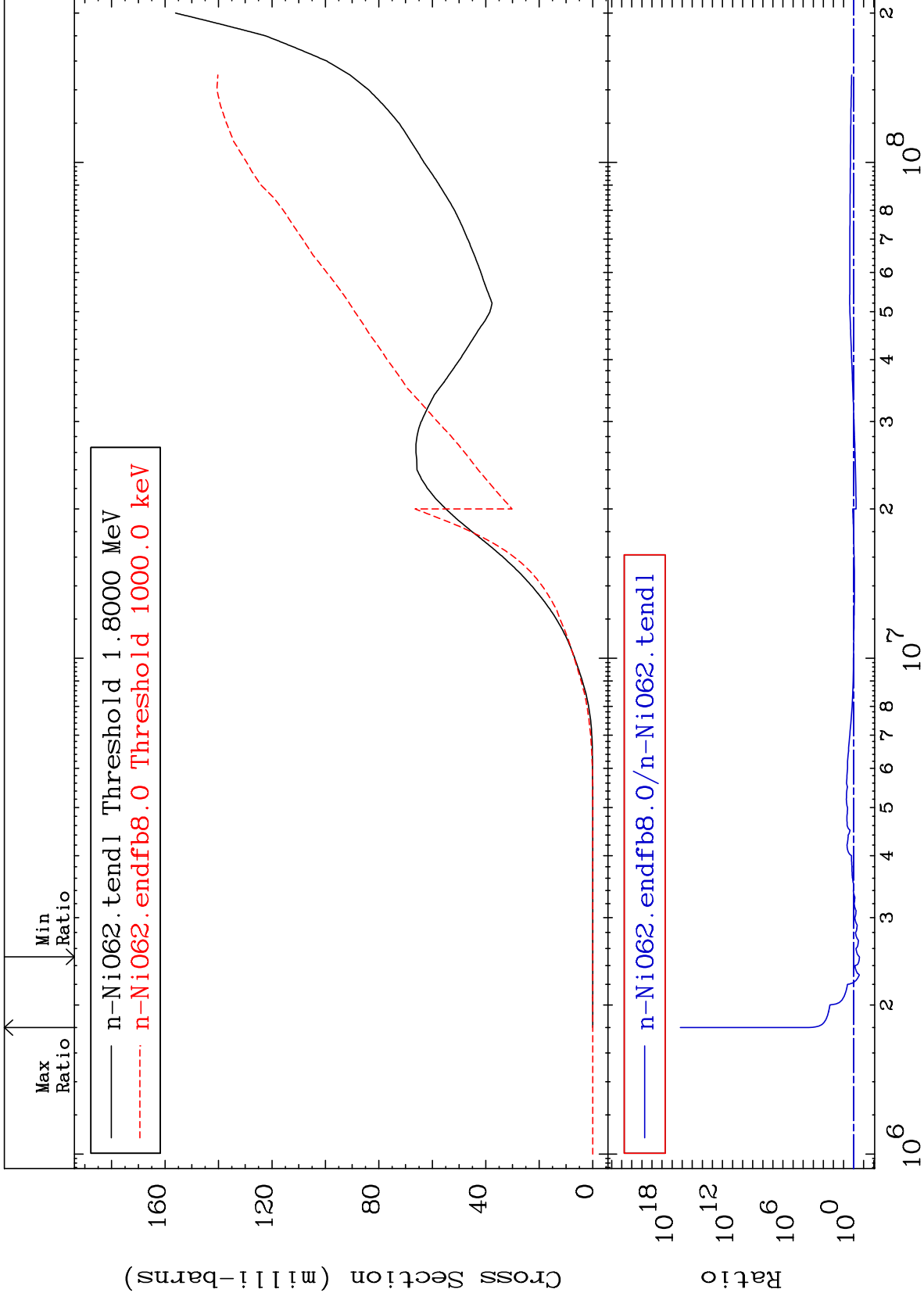
28-Ni-62



MAT 2837

He-4 Production  
Cross Section

28-Ni-62  
-73.83 To 9999. %

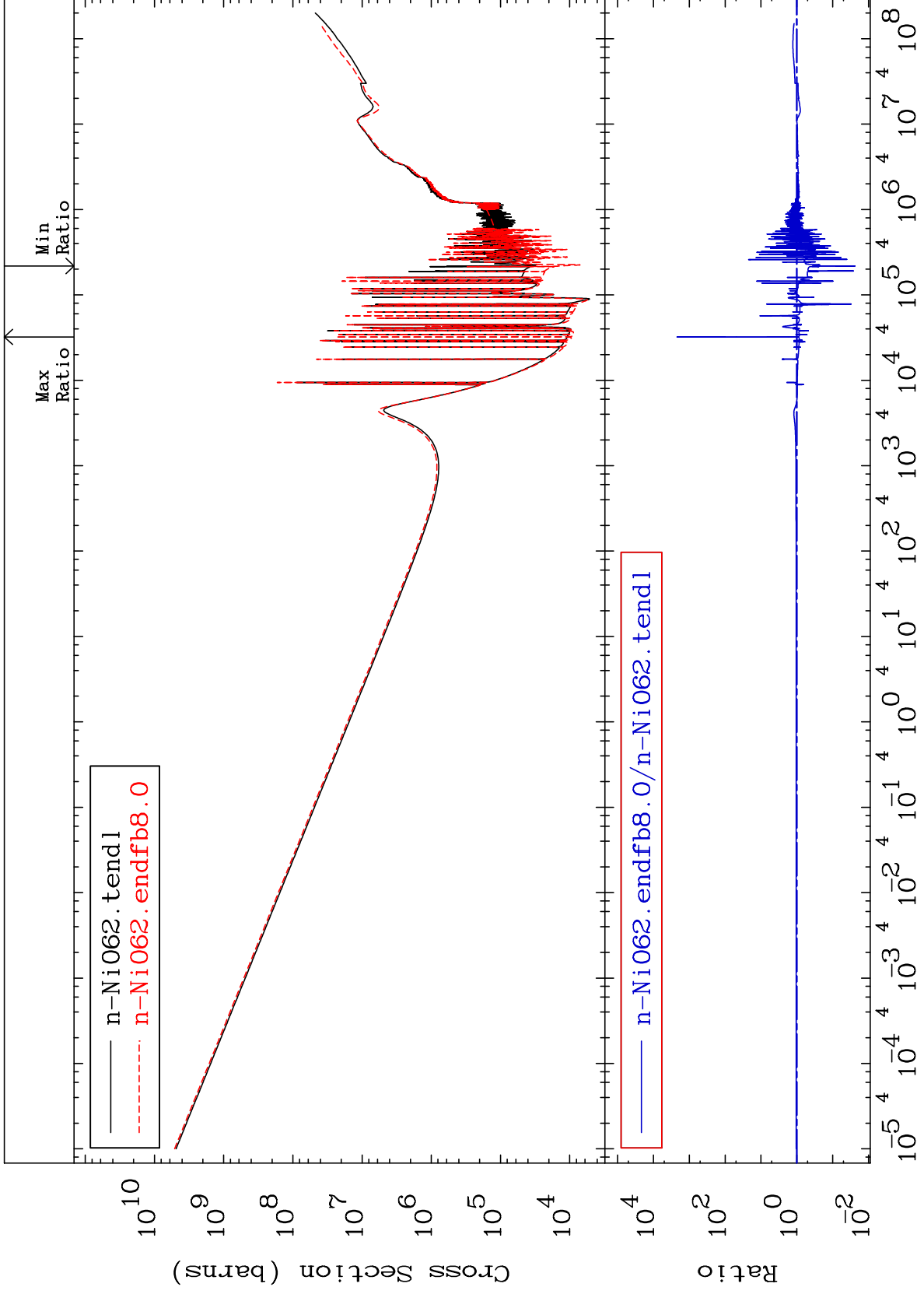


48

Incident Energy (eV)

28-Ni-62

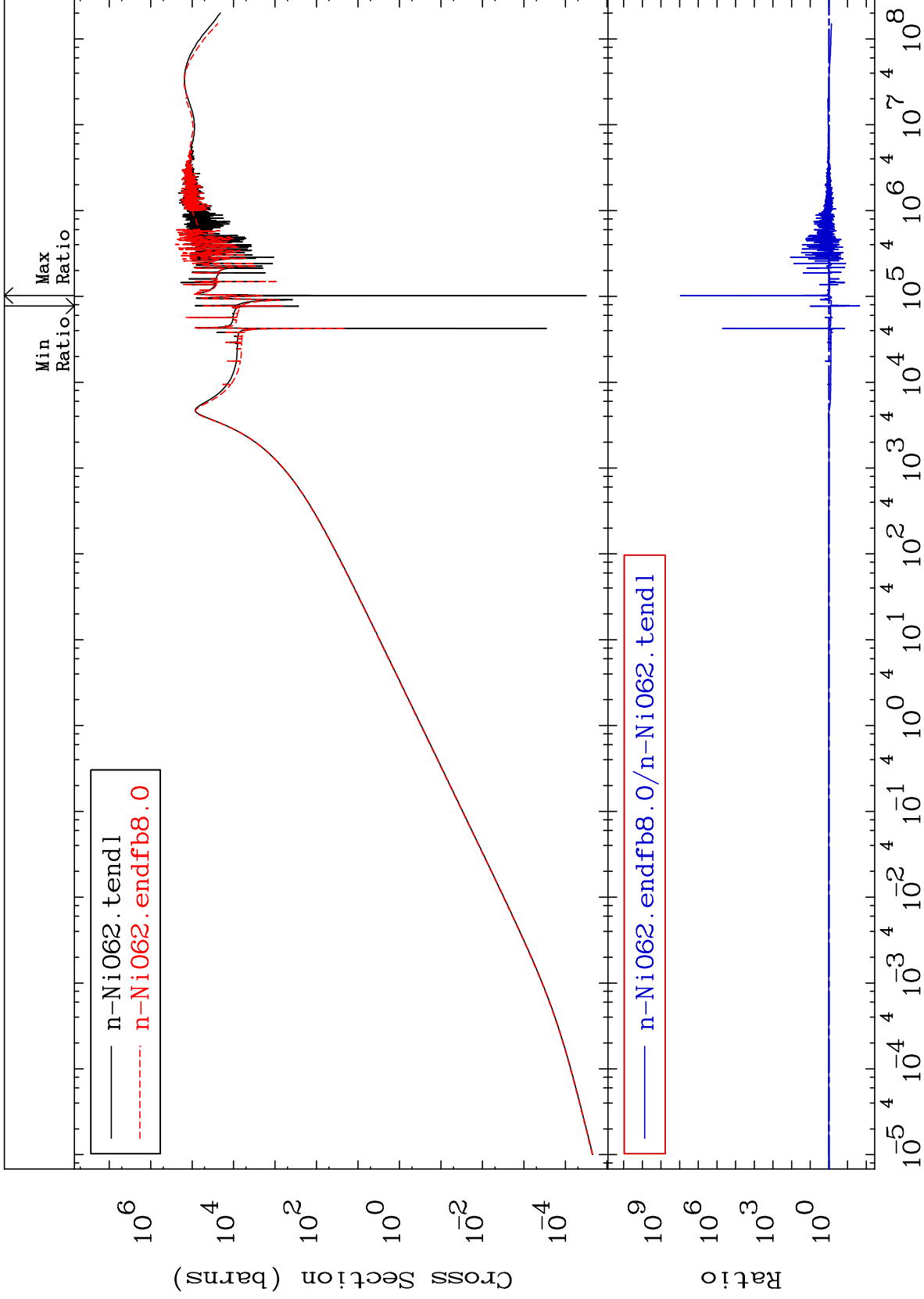




MAT 2837

Kerma elastic  
Cross Section

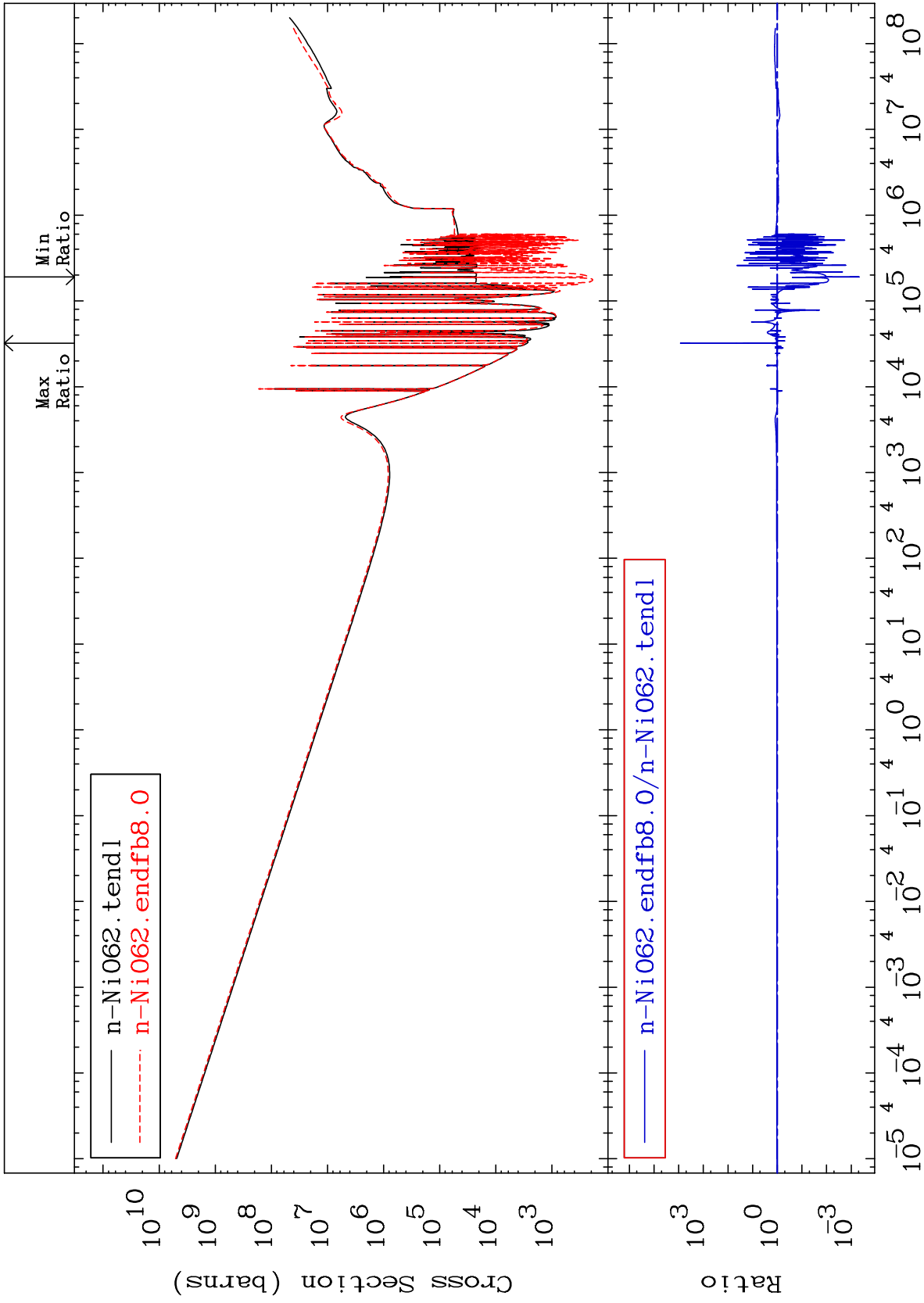
28-Ni-62  
-97.67 To 9999. %

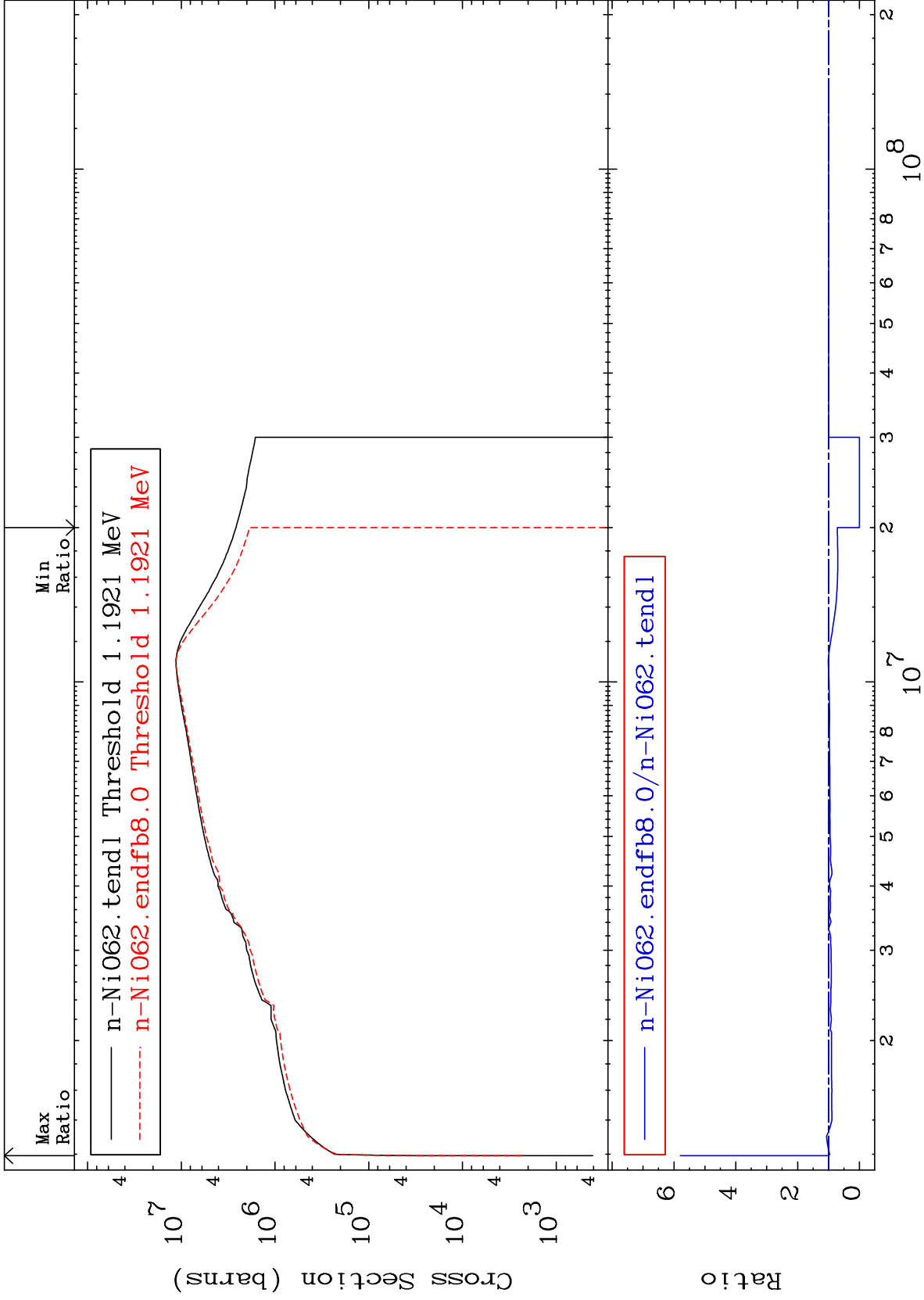


50

Incident Energy (eV)

28-Ni-62

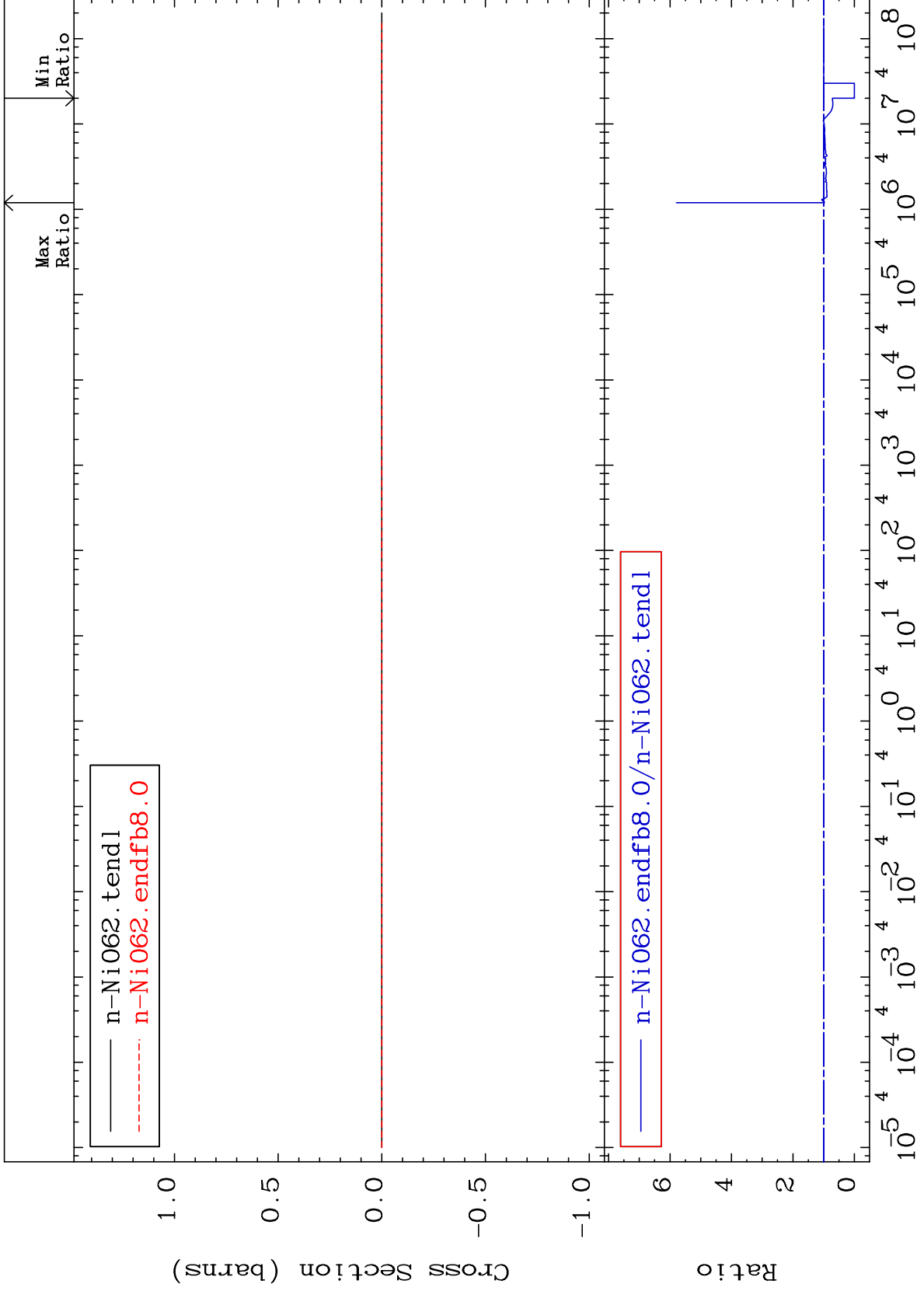




MAT 2837

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

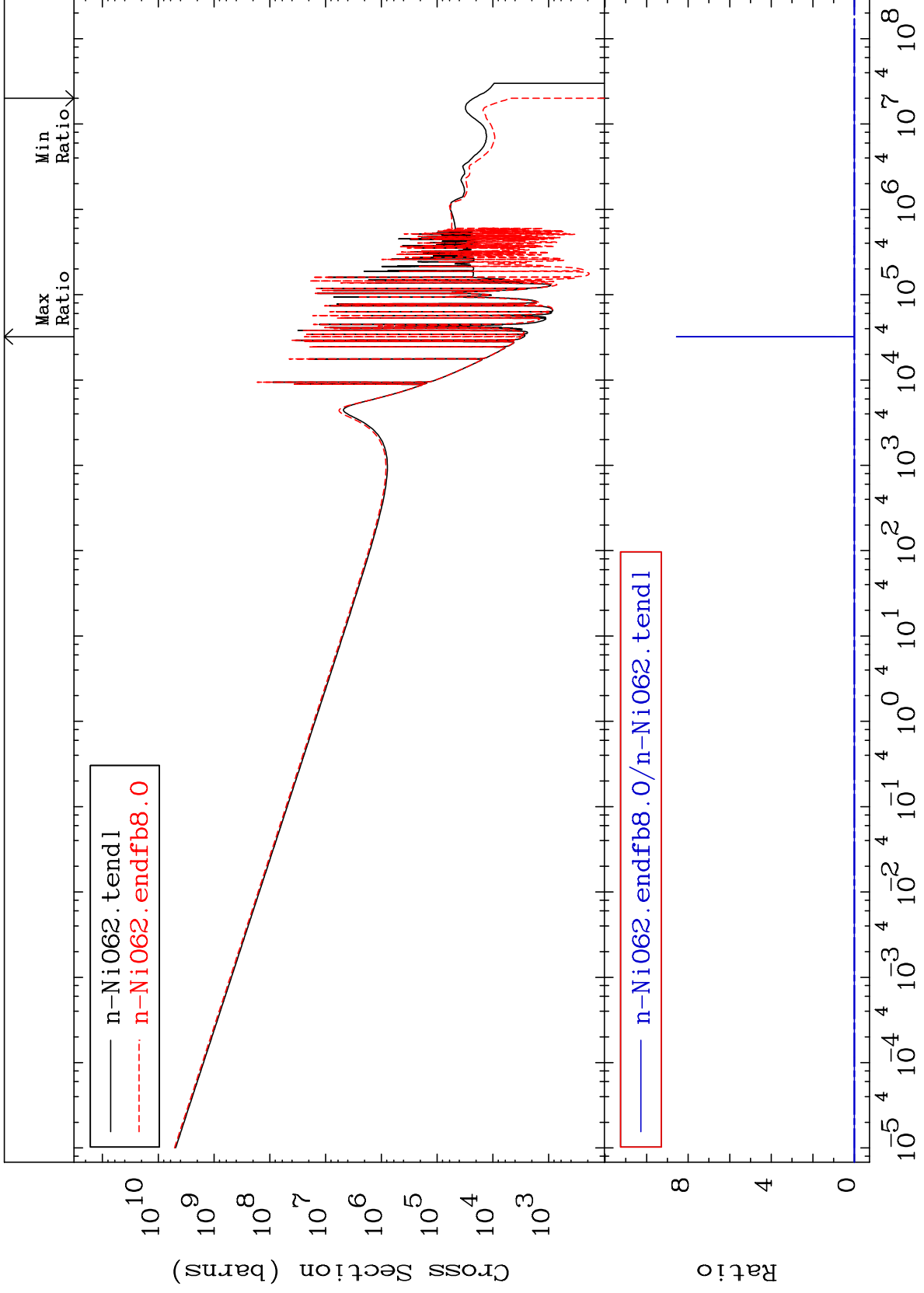
28-Ni-62  
-100.0 To 479.3 %



MAT 2837

Kerma capture (mt102)  
Cross Section

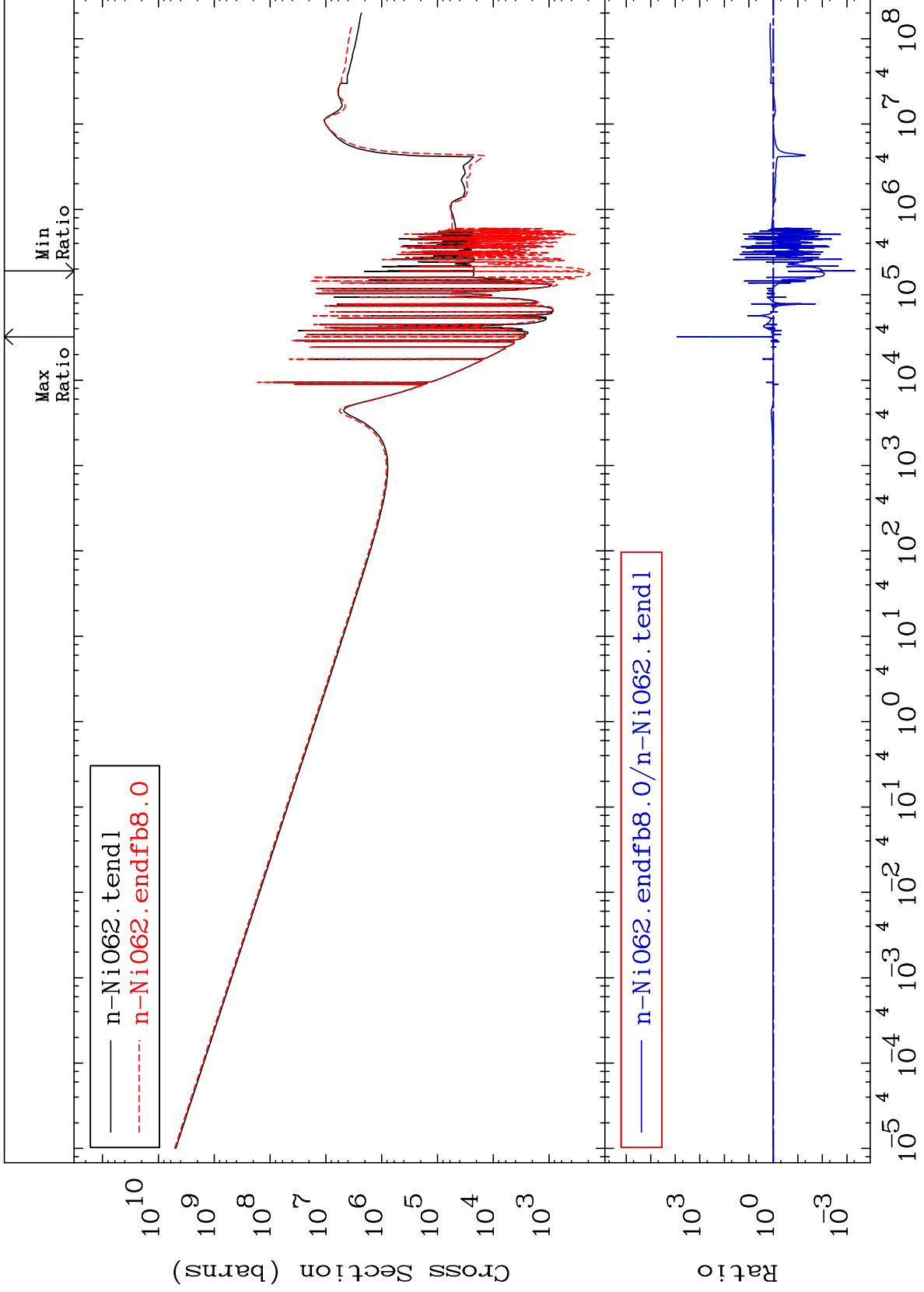
28-Ni-62  
-100.0 To 9999. %

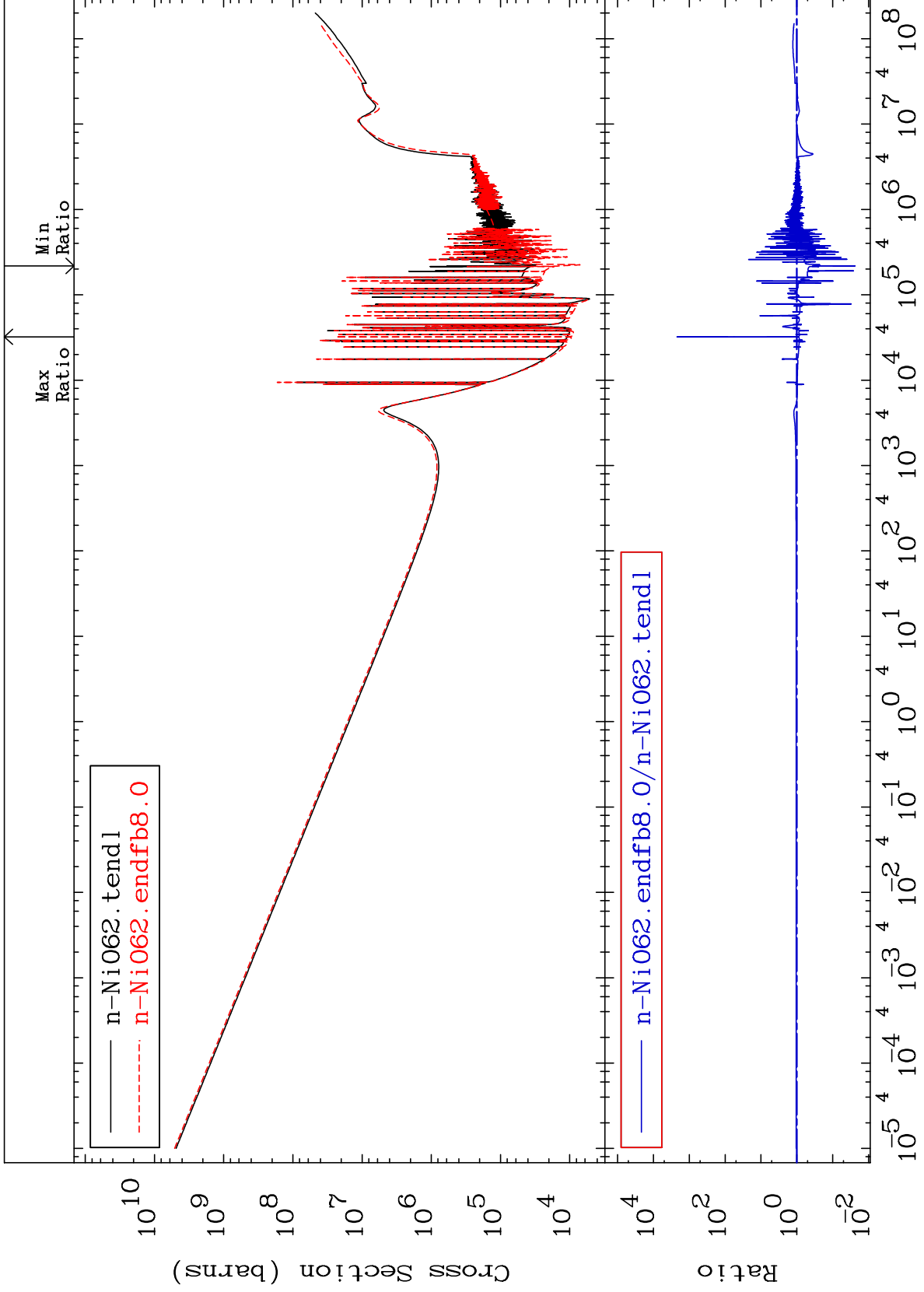


MAT 2837

Total photon (eV-barns)  
Cross Section

28-Ni-62  
-99.95 To 9999. %



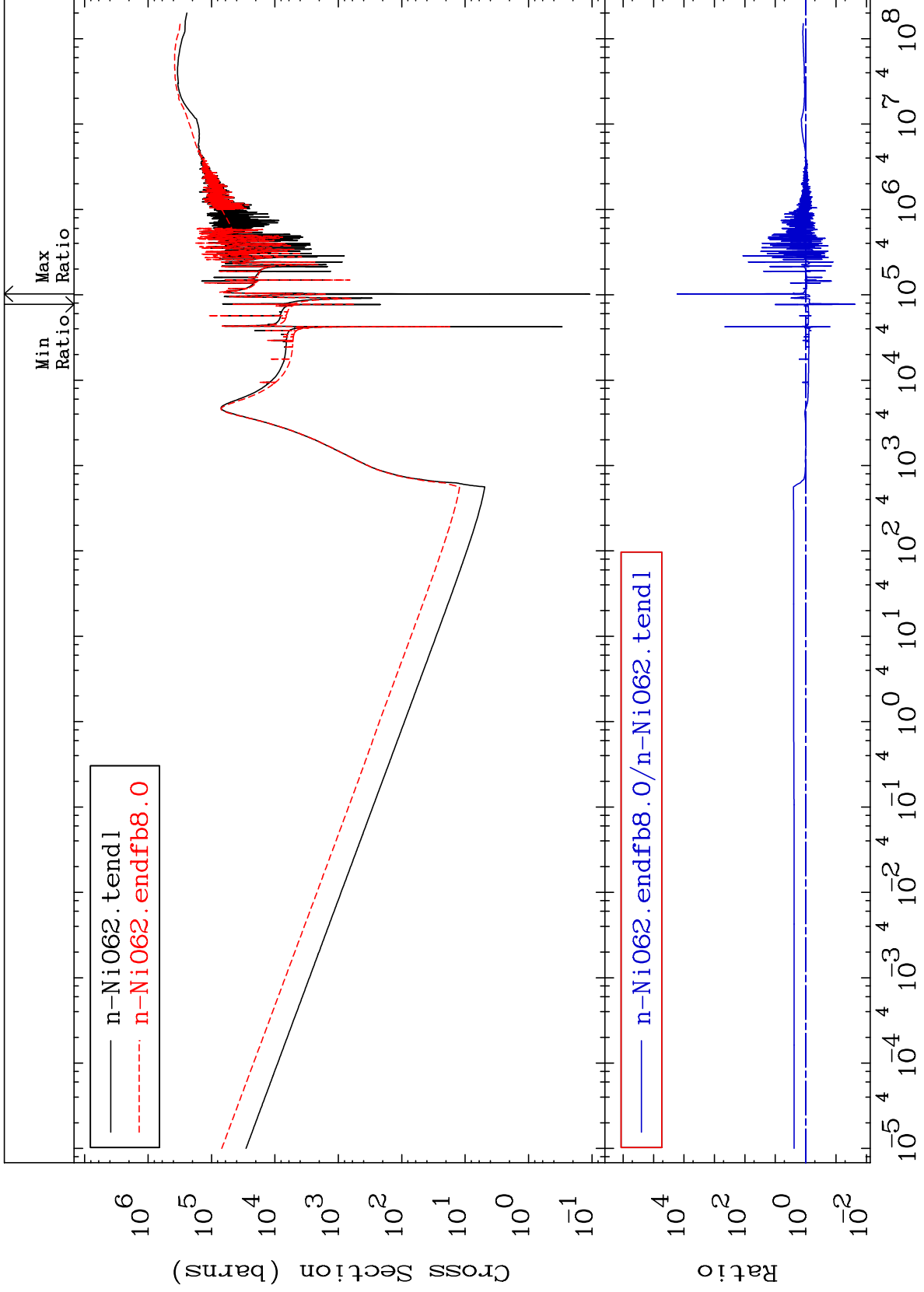




MAT 2837

Dpa total (eV-barns)  
Cross Section

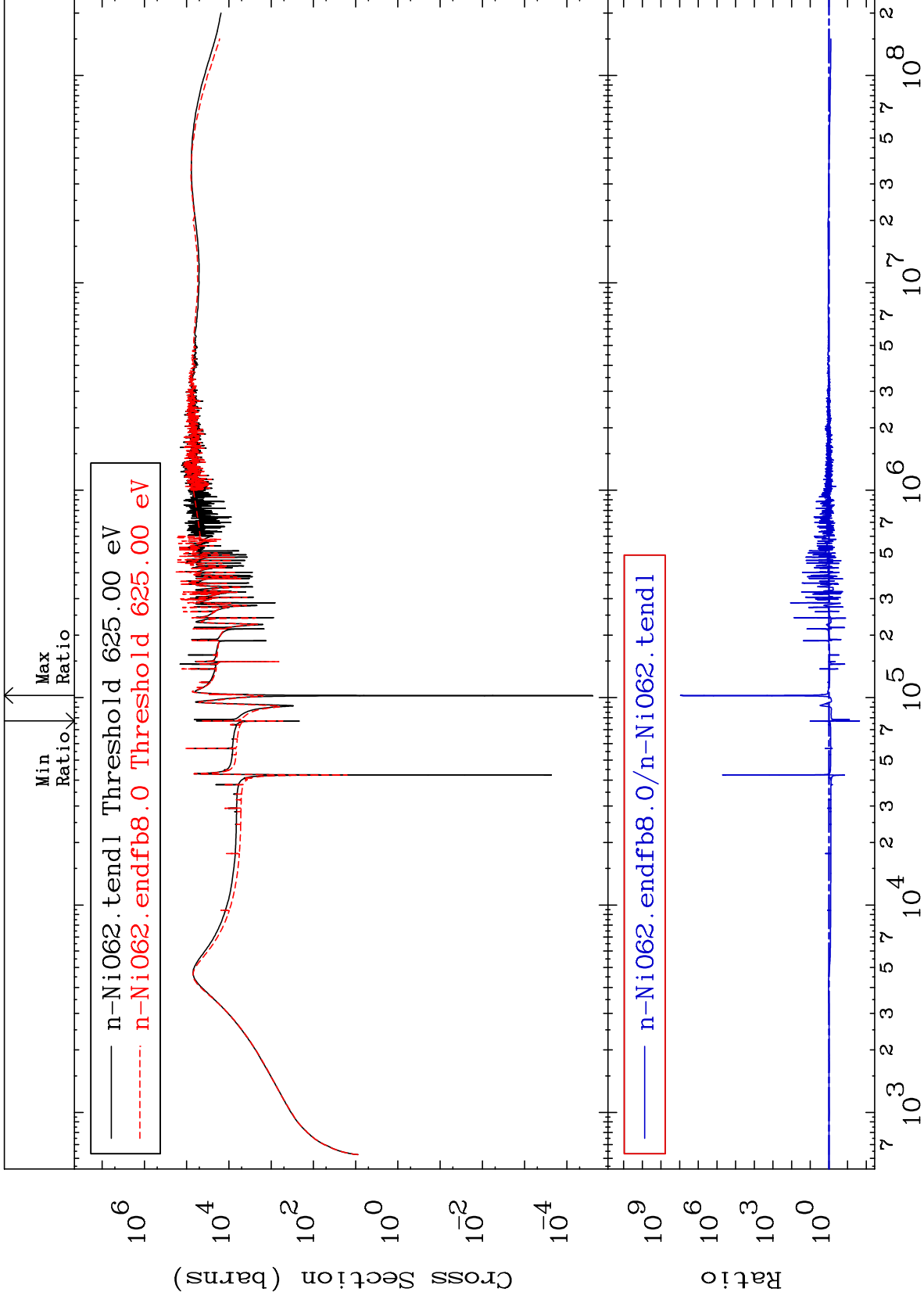
28-Ni-62  
-97.63 To 9999. %

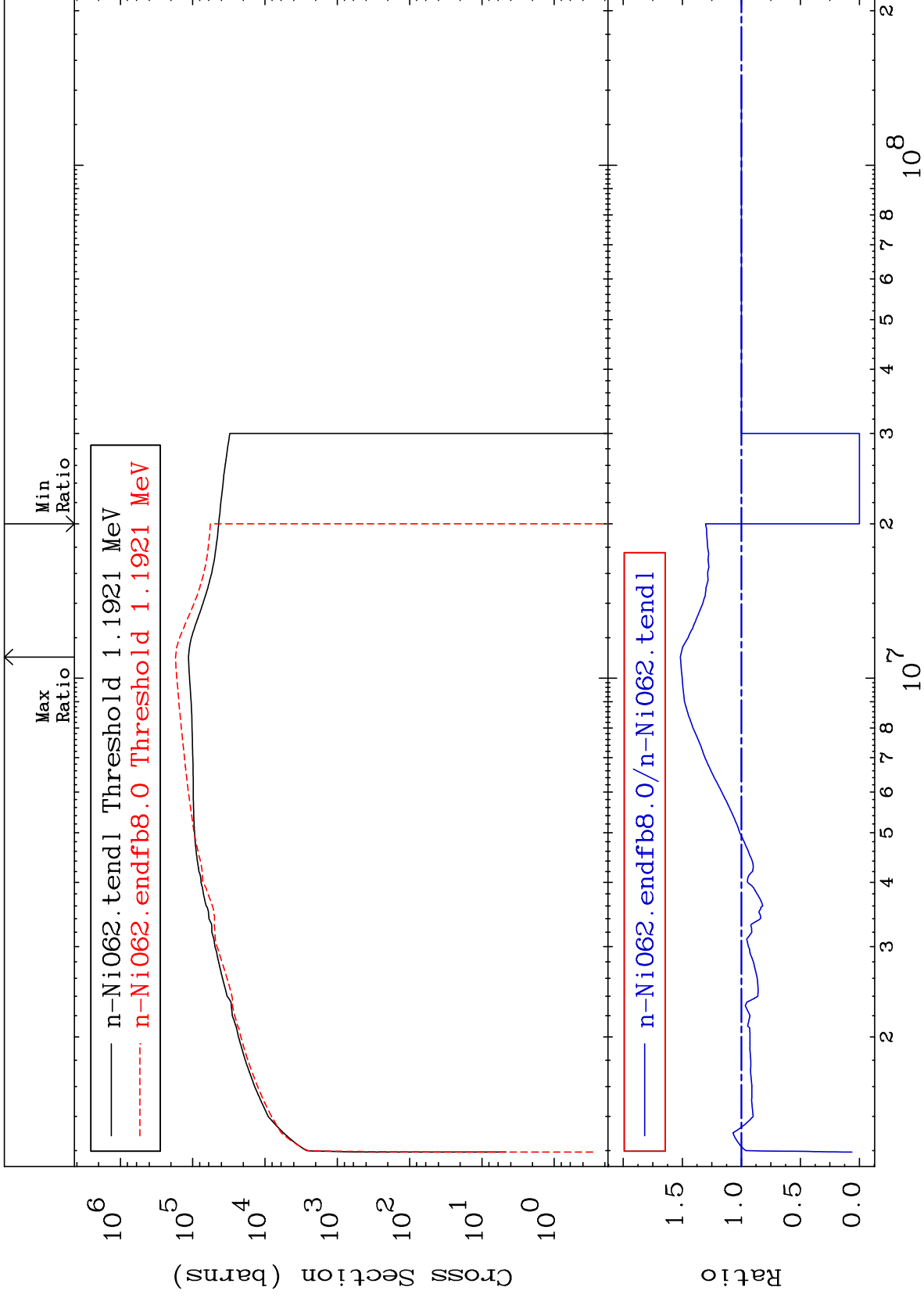


57

Incident Energy (eV)

28-Ni-62

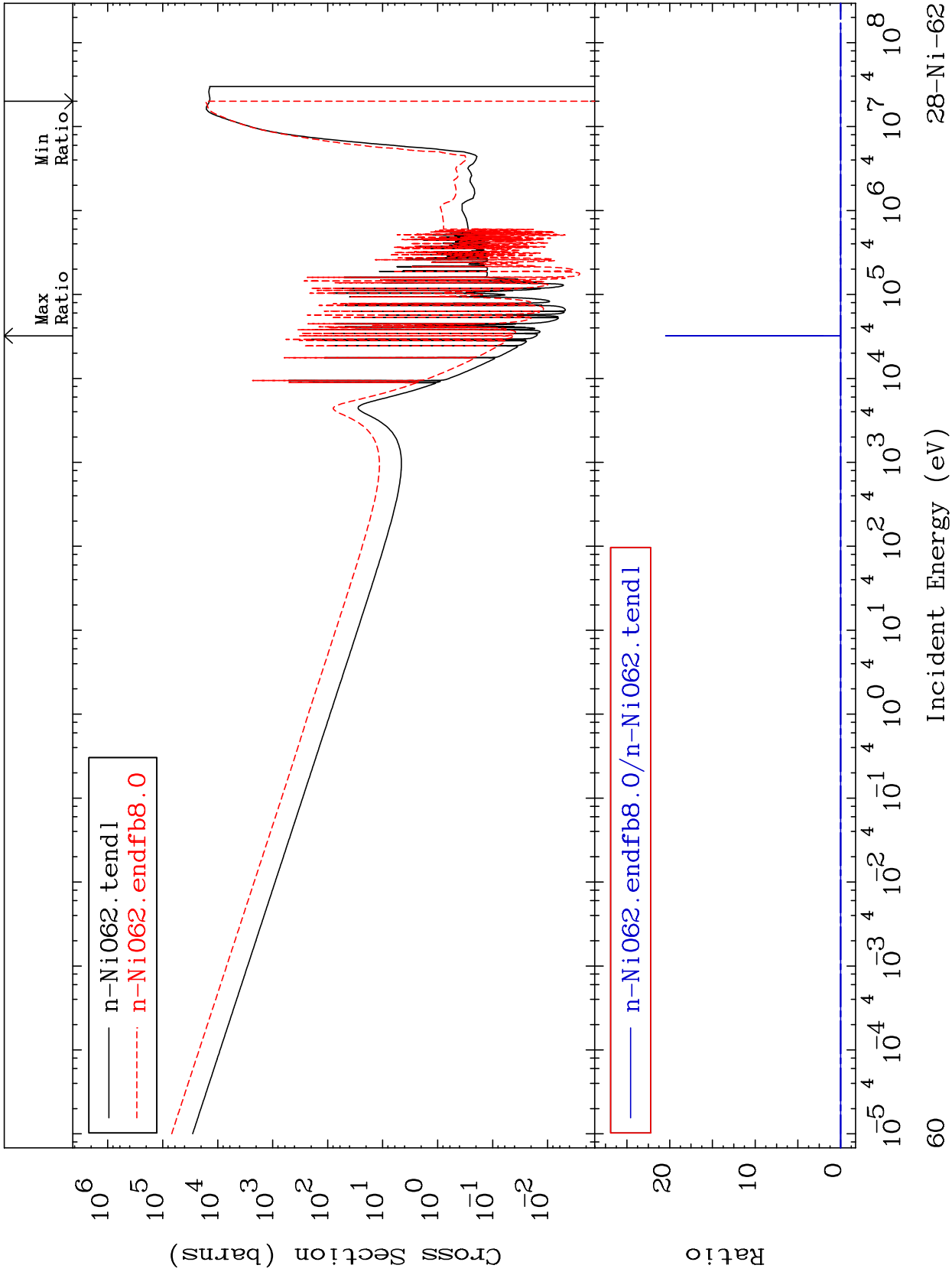




MAT 2837

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-62  
-100.0 To 9999. %



60

Incident Energy (eV)

28-Ni-62