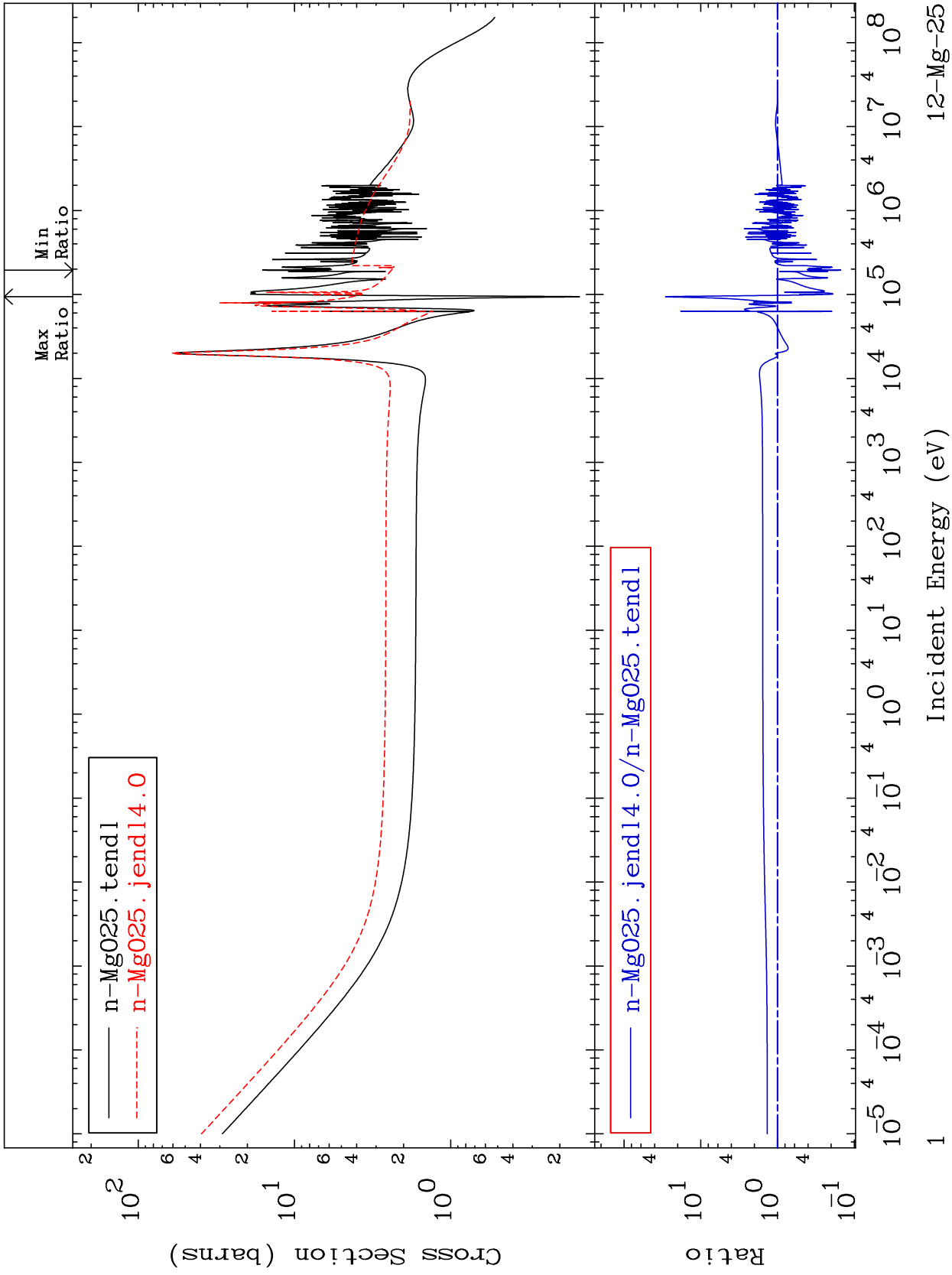


MAT 1228

Total  
Cross Section

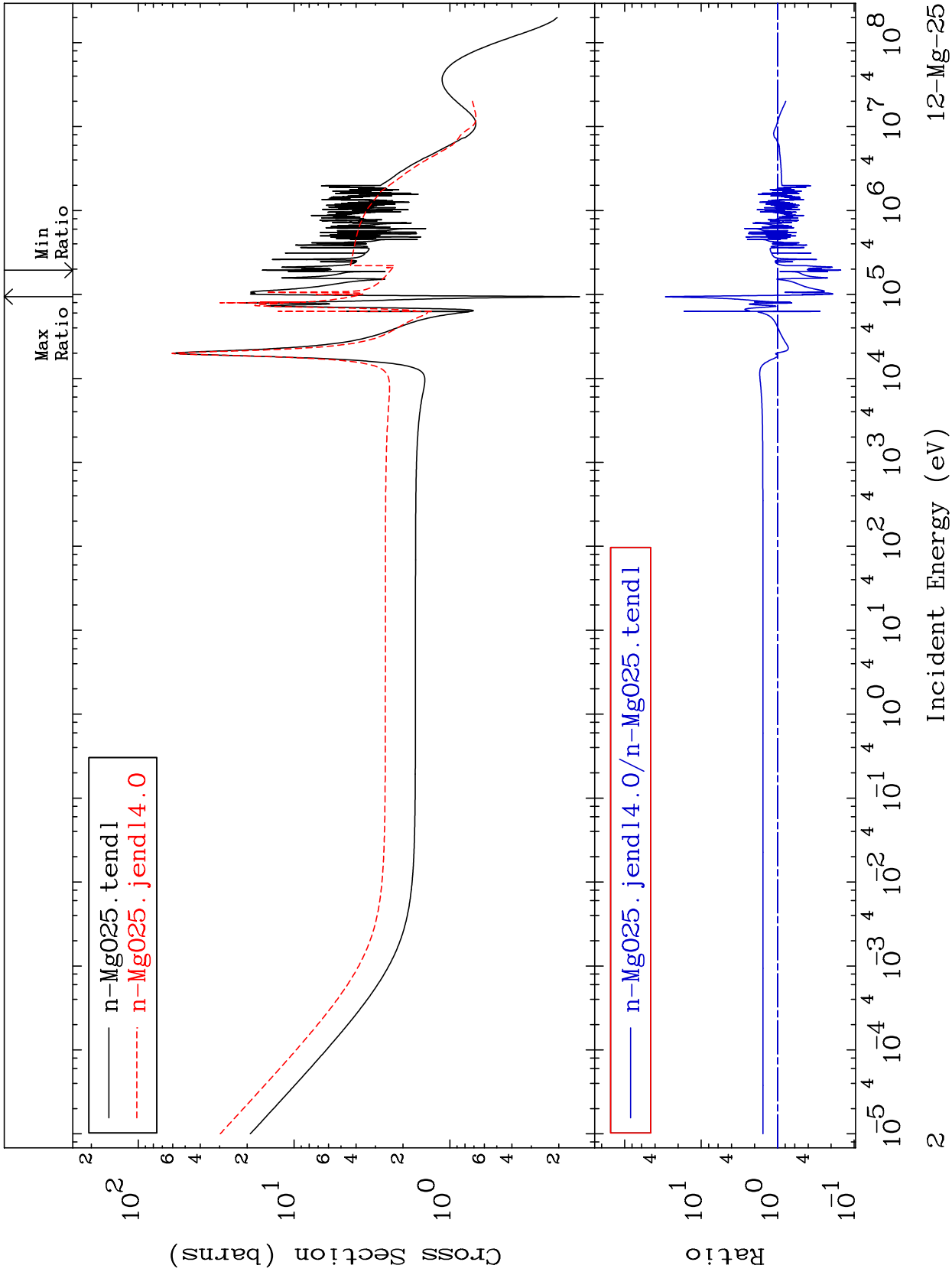
12-Mg-25  
-84.97 To 2780. %



MAT 1228

Elastic  
Cross Section

12-Mg-25  
-84.97 To 2828. %



12-Mg-25

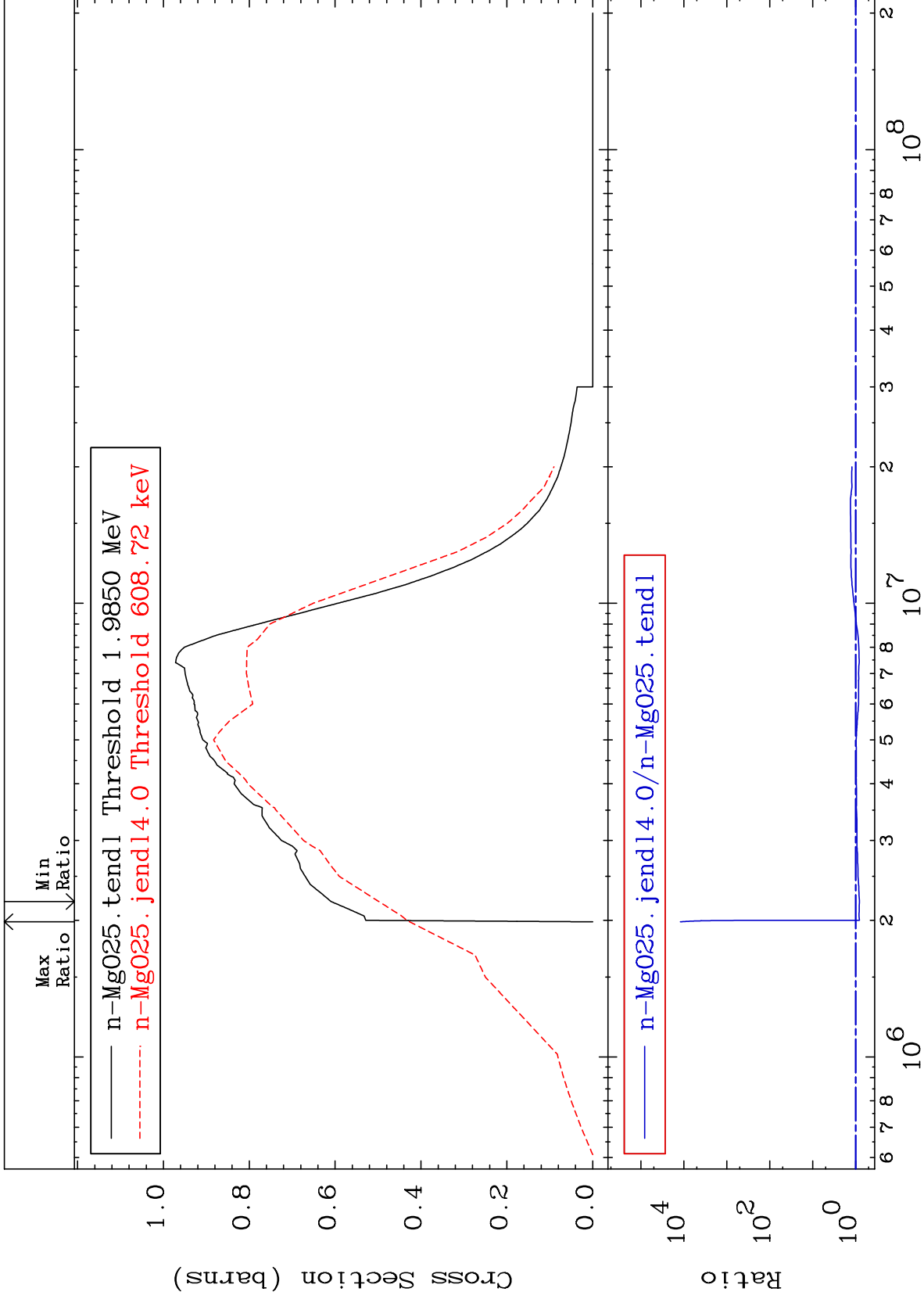
Incident Energy (eV)

2

MAT 1228

Inelastic  
Cross Section

12-Mg-25  
-18.31 To 9999. %



3

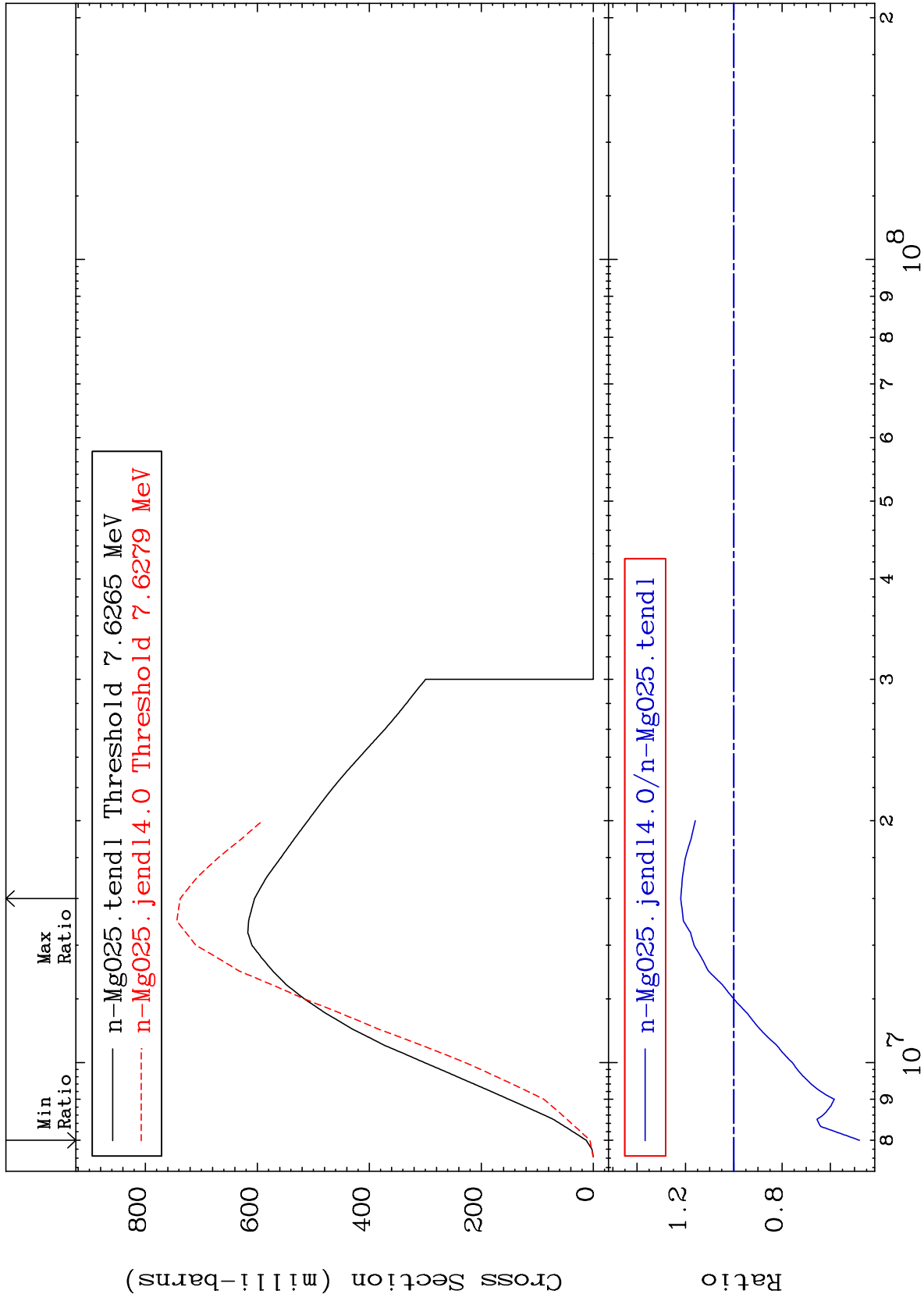
Incident Energy (eV)

12-Mg-25

MAT 1228

(n,2n)  
Cross Section

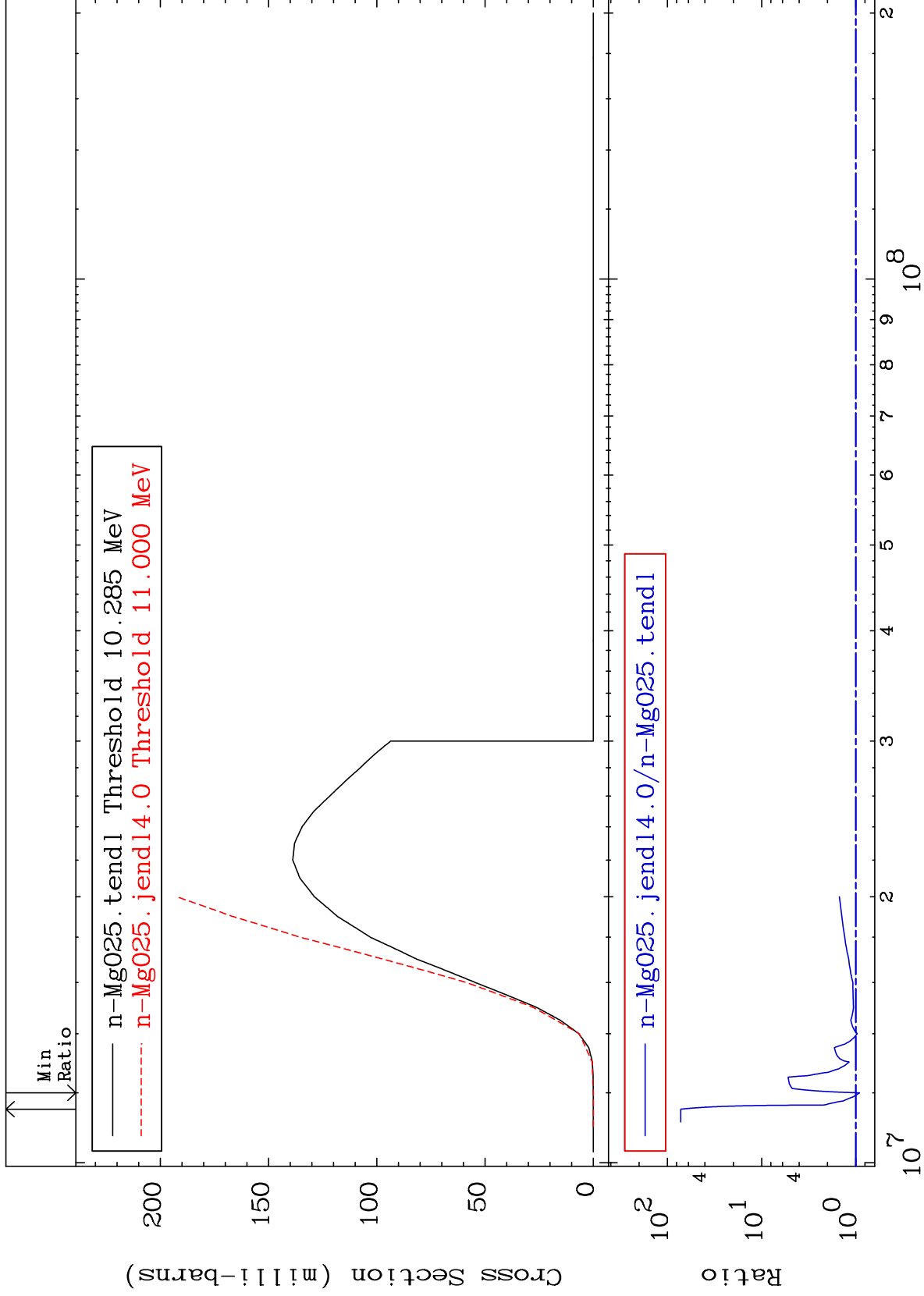
12-Mg-25  
-52.07 To 21.92 %



MAT 1228

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

12-Mg-25  
-8.643 To 7122. %

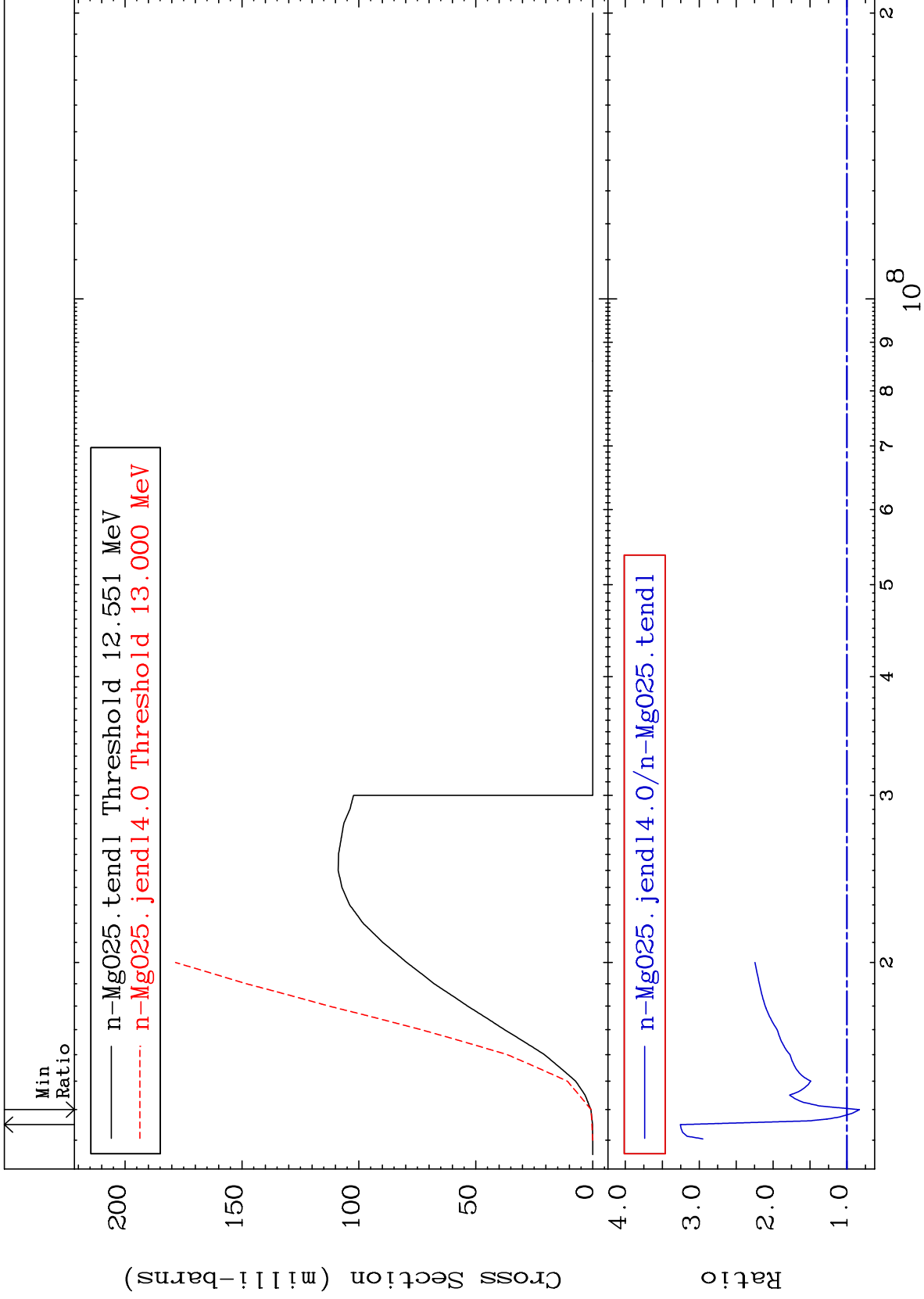


12-Mg-25

MAT 1228

(n,n') p  
Cross Section

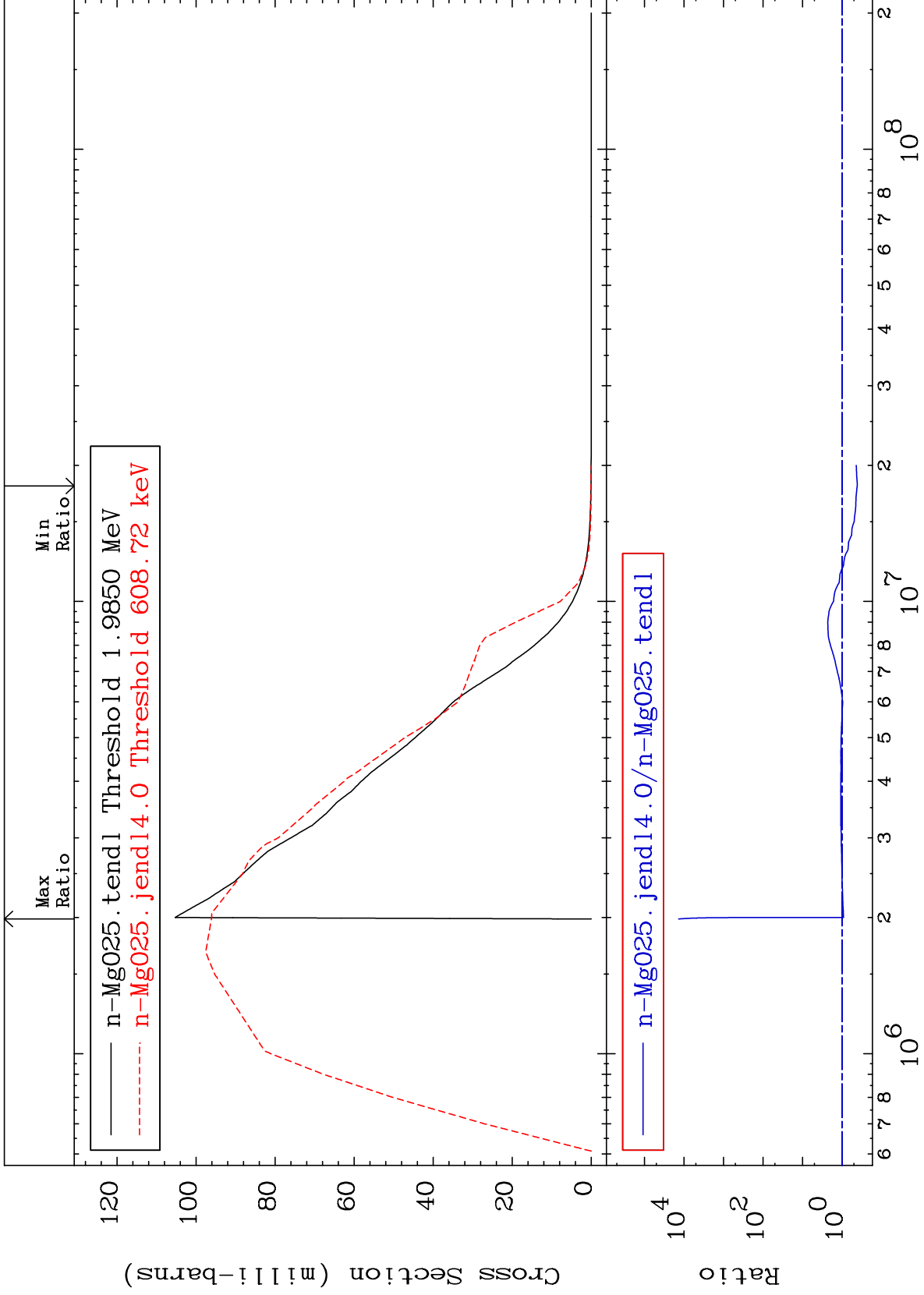
12-Mg-25  
-16.92 To 225.5 %



MAT 1228

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

12-Mg-25  
-58.81 To 9999. %



7

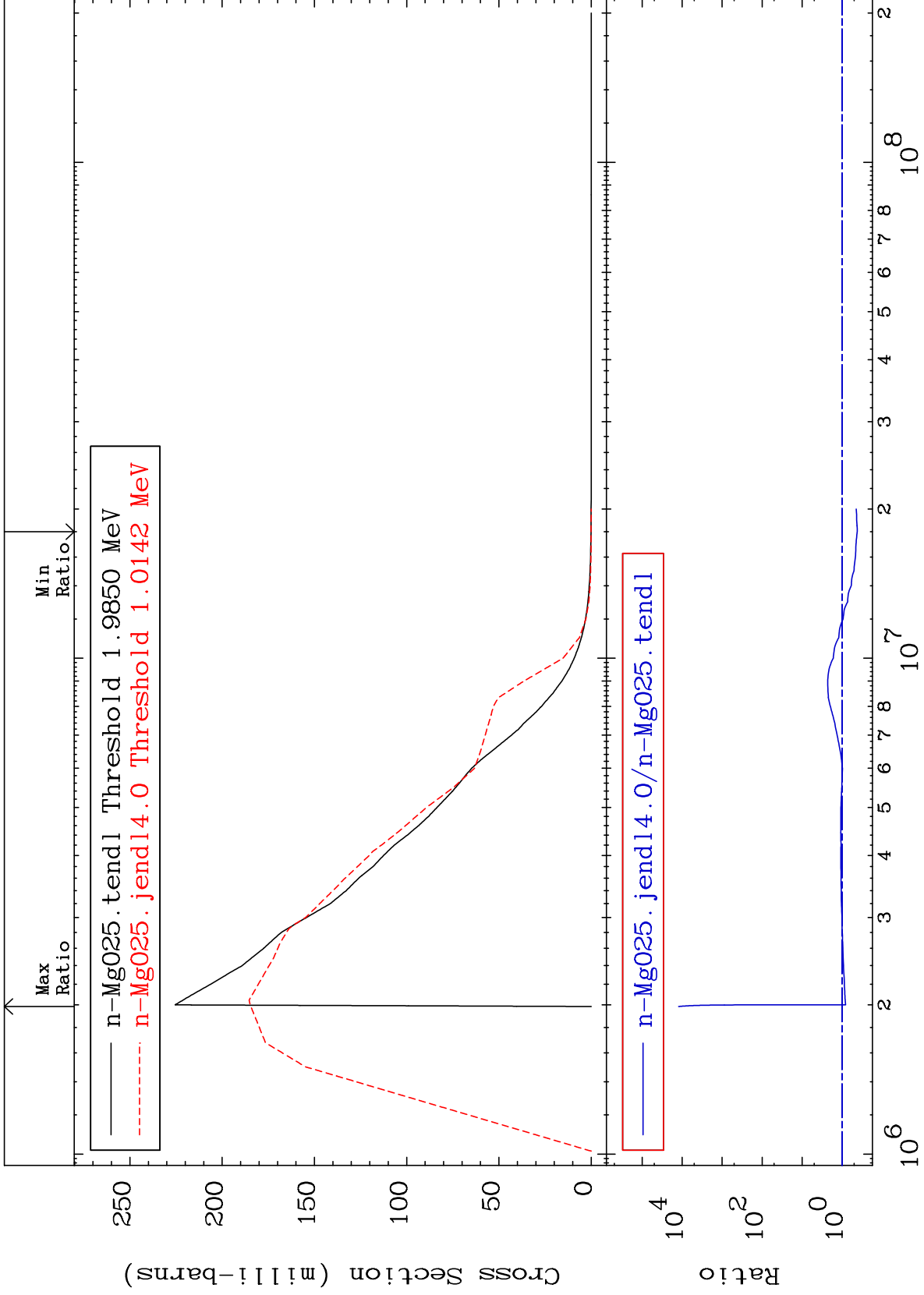
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25  
-58.33 To 9999. %



12-Mg-25

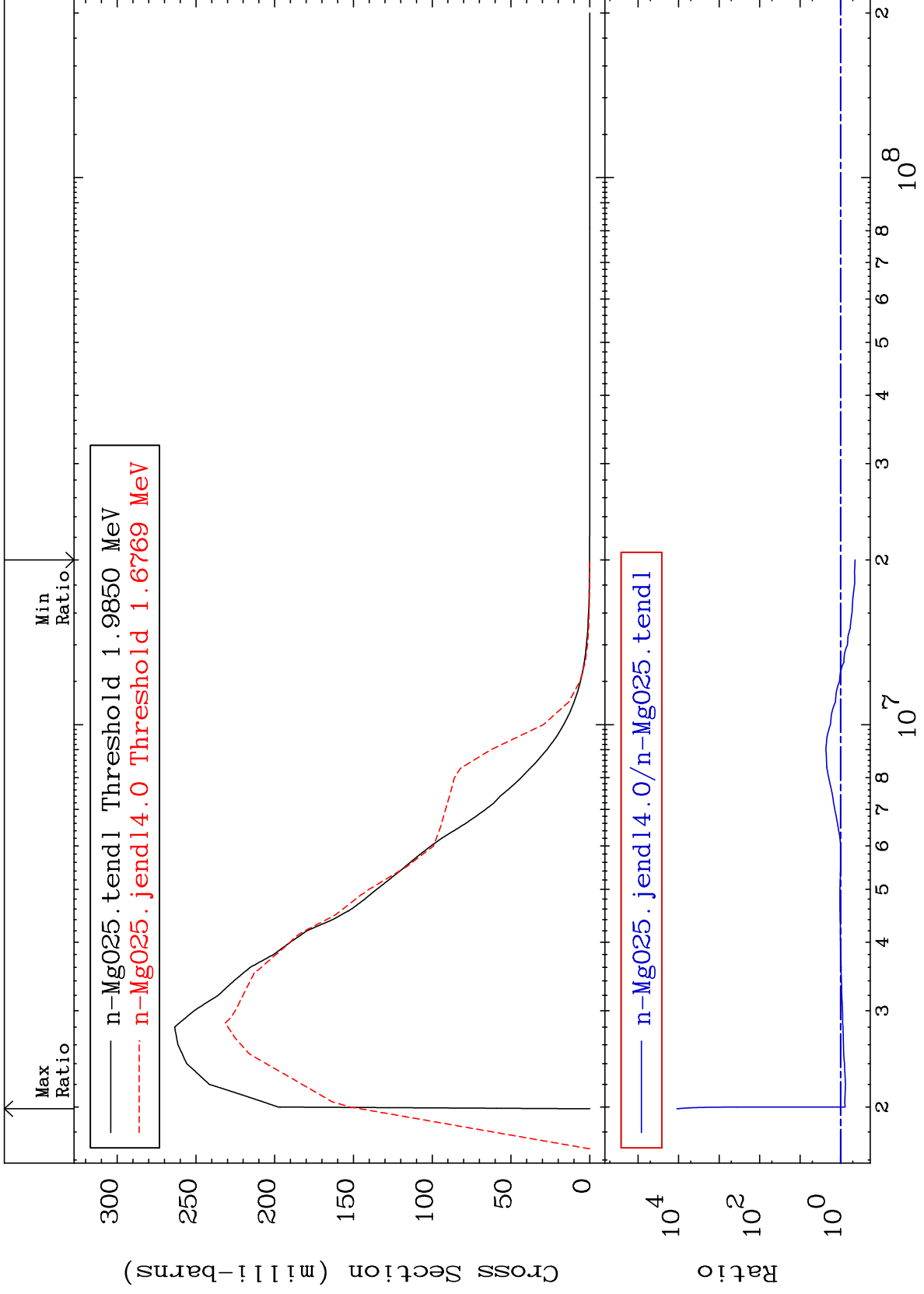
8



MAT 1228

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

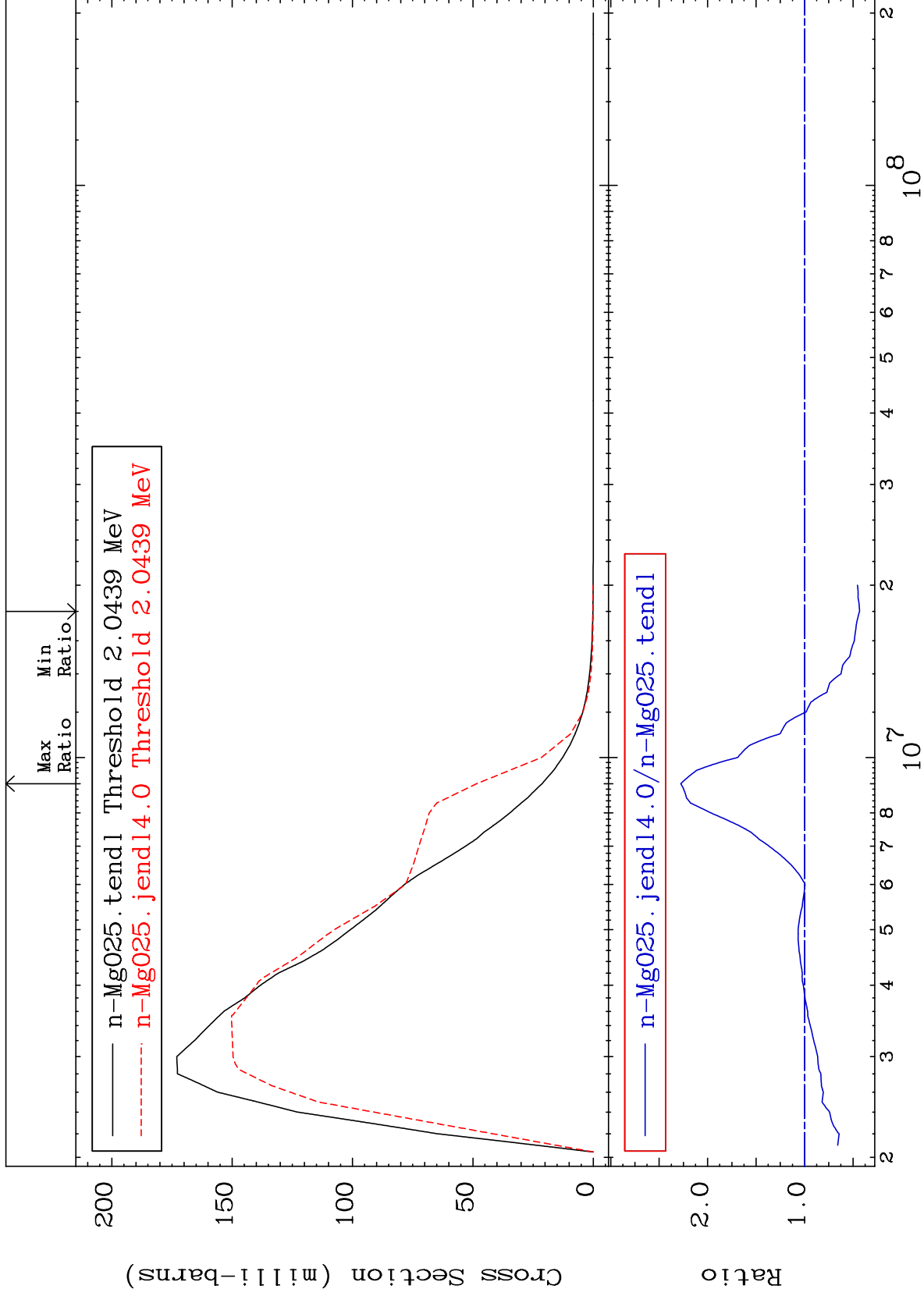
12-Mg-25  
-56.20 To 9999. %



MAT 1228

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

12-Mg-25  
-56.75 To 127.7 %



10

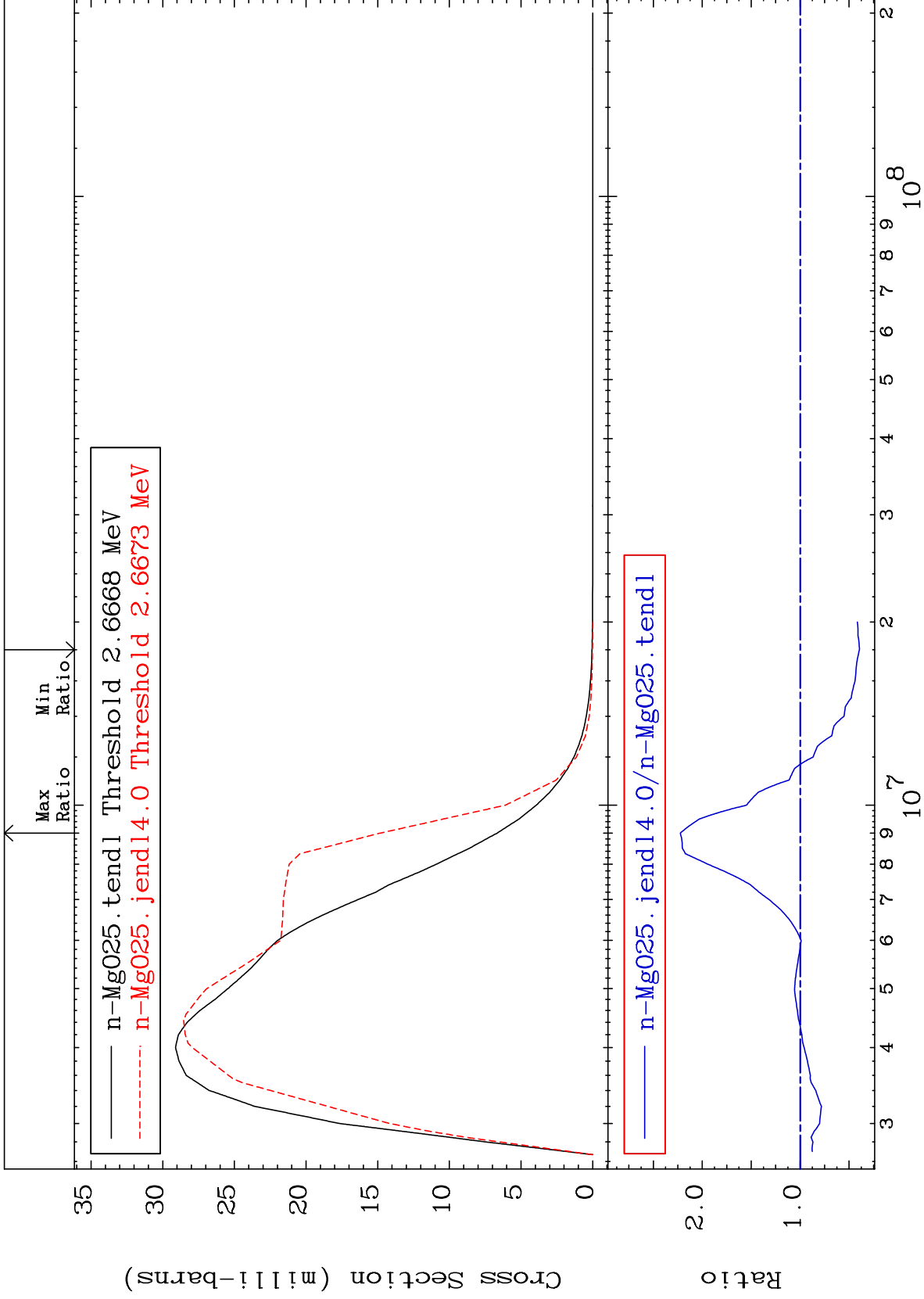
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25  
-60.57 To 122.4 %



11

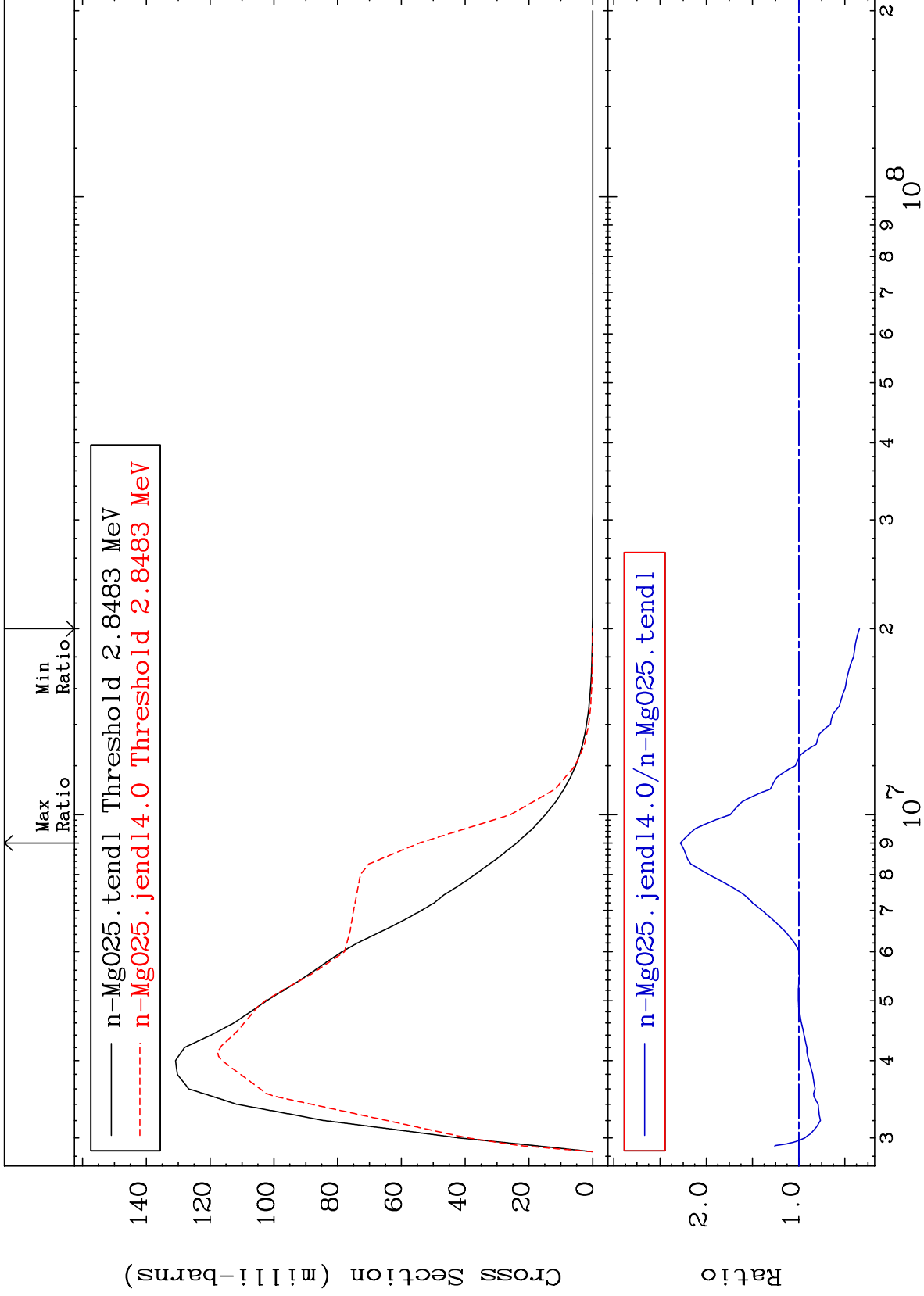
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25  
-65.74 To 128.1 %



12

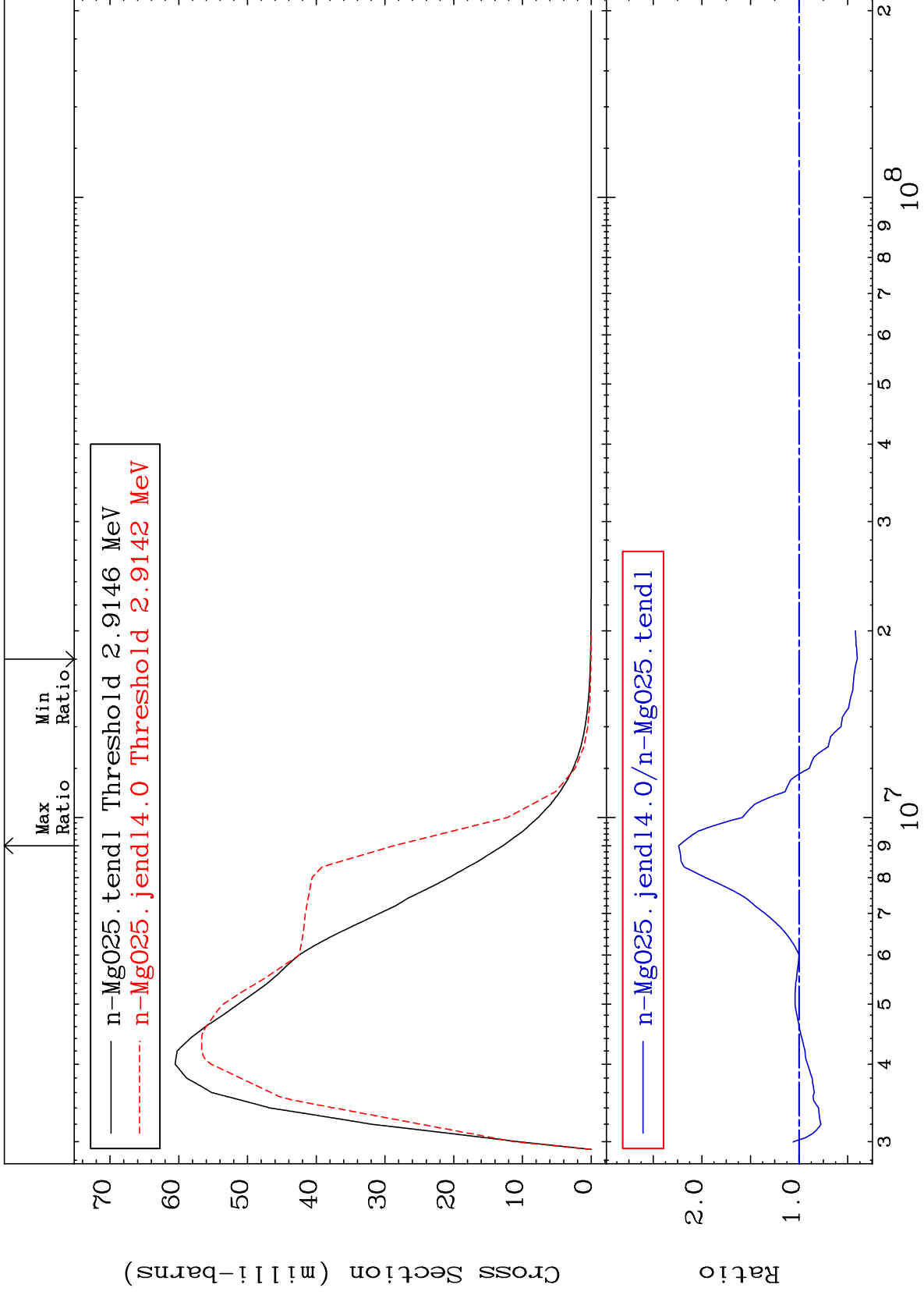
Incident Energy (eV)

12-Mg-25

MAT 1228

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

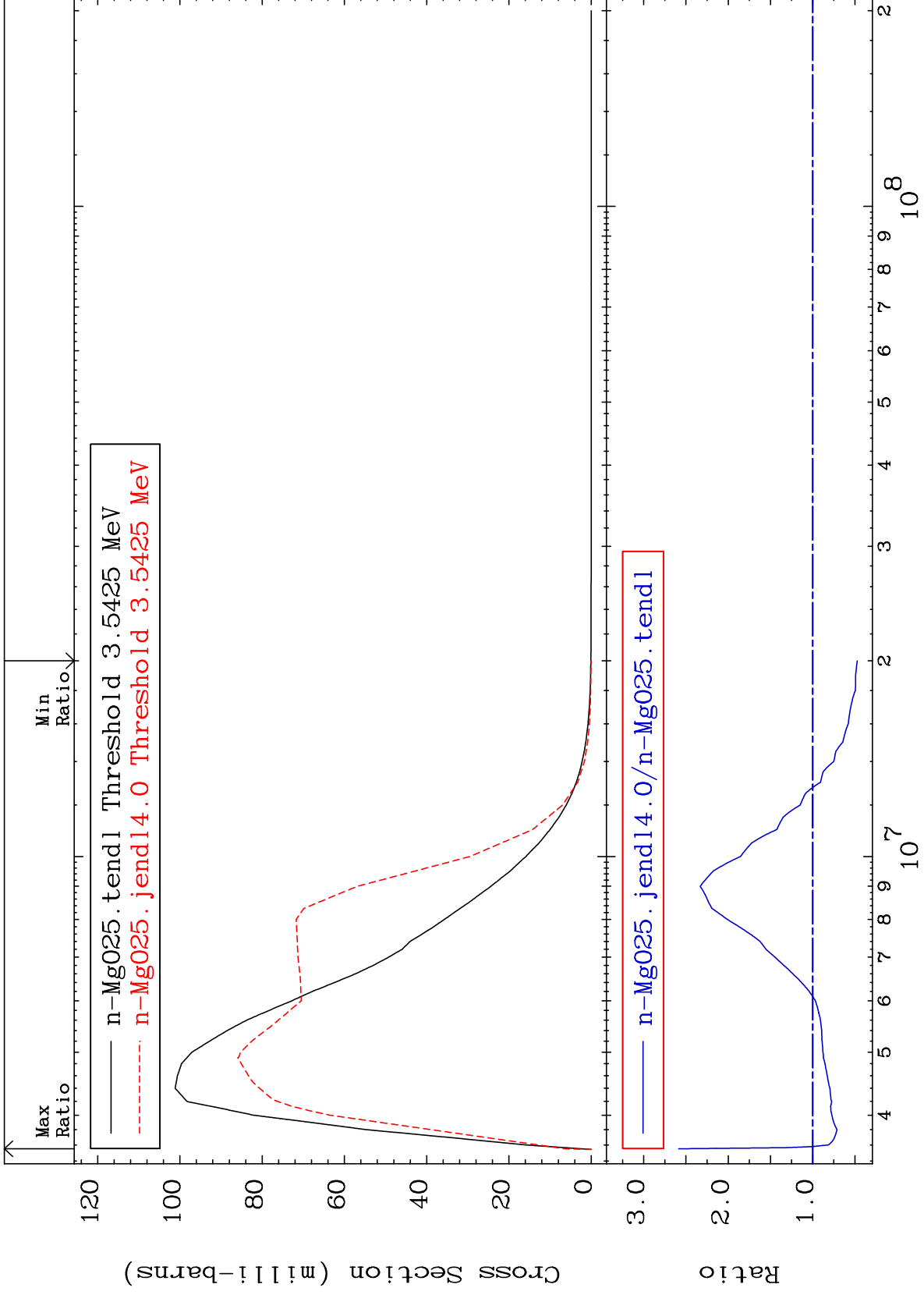
12-Mg-25  
-59.82 To 123.9 %



MAT 1228

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

12-Mg-25  
-52.70 To 158.7 %



14

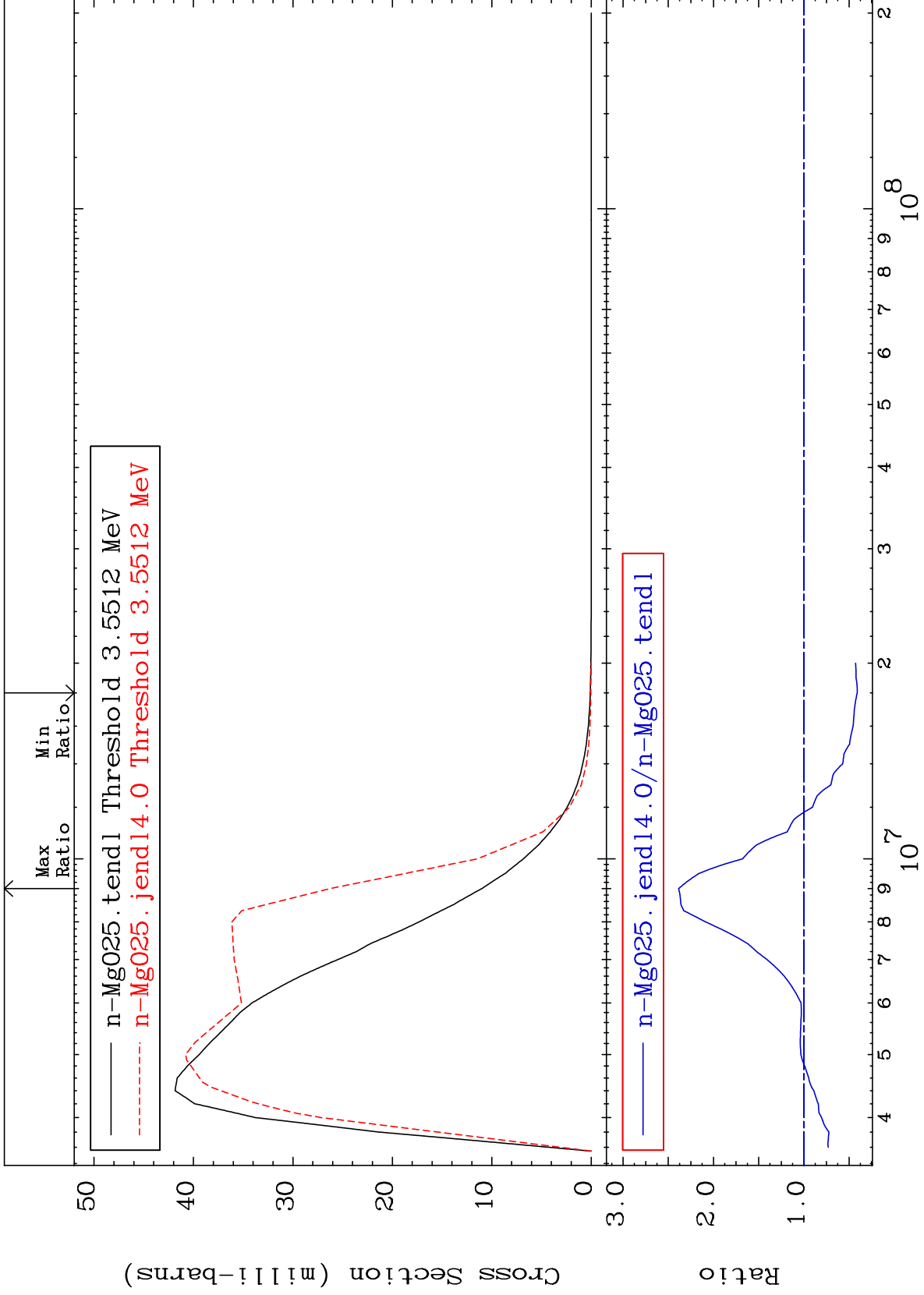
12-Mg-25

12-Mg-25

MAT 1228

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

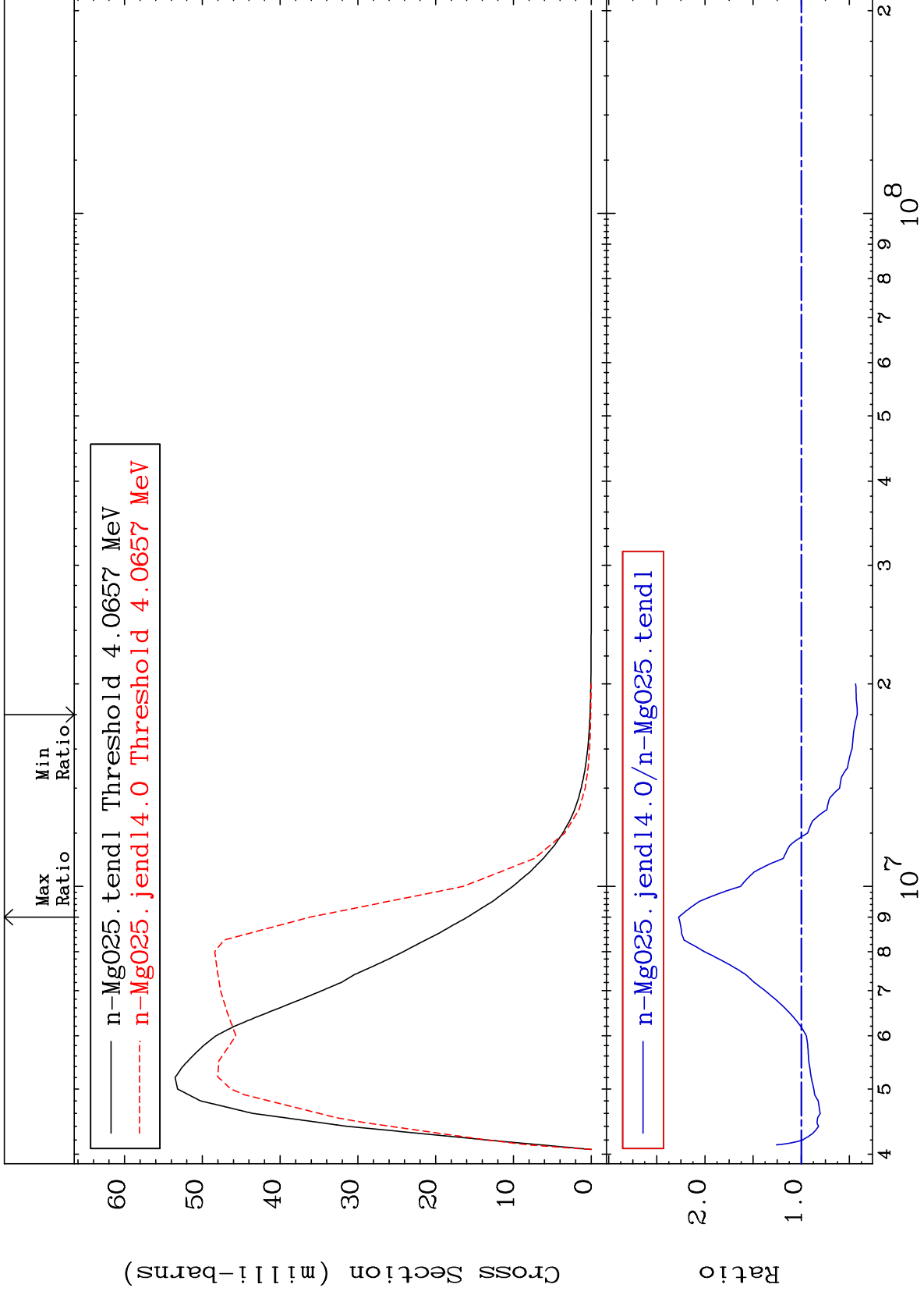
12-Mg-25  
-59.03 To 138.6 %



MAT 1228

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

12-Mg-25  
-58.12 To 127.4 %



16

Incident Energy (eV)

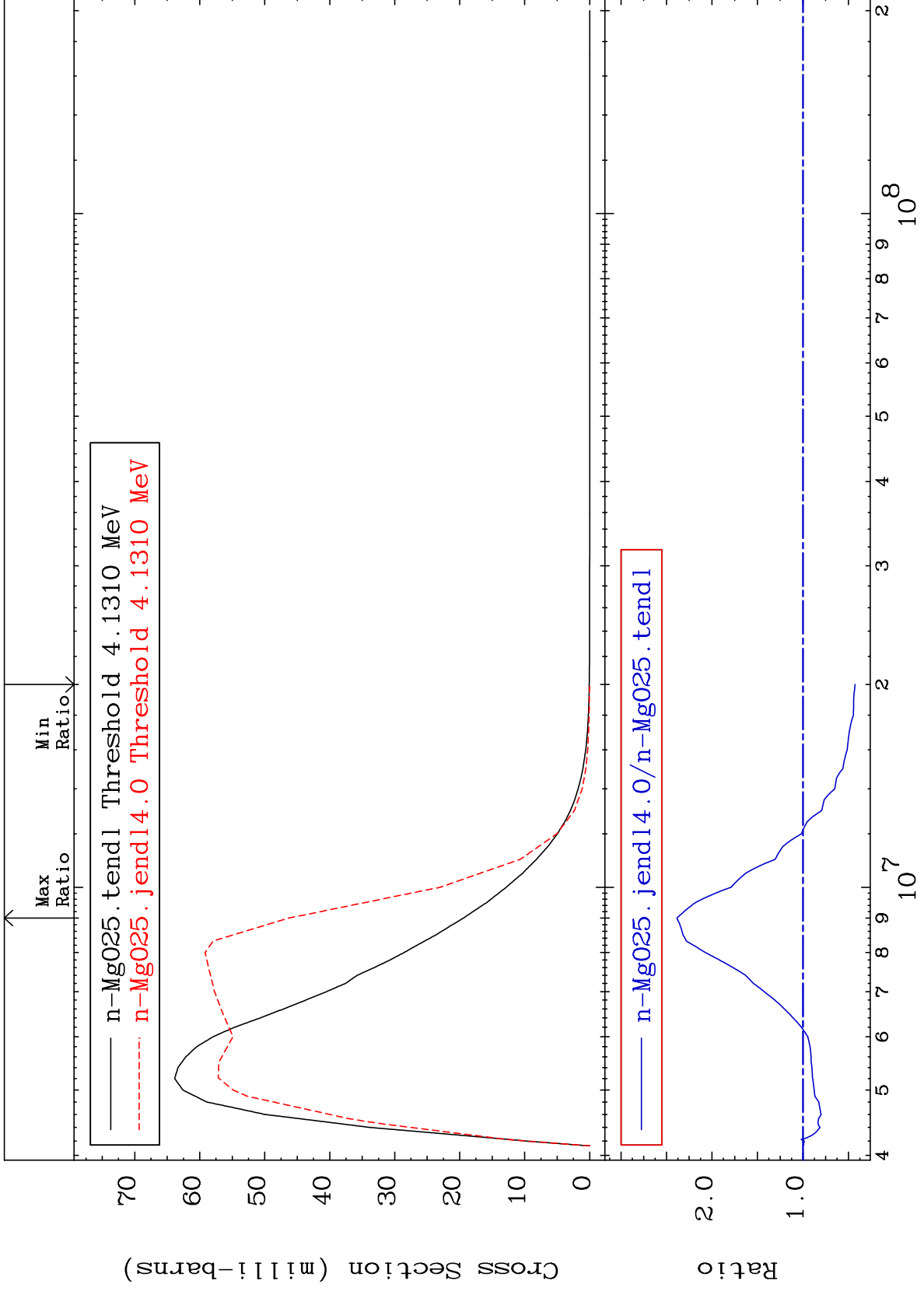
12-Mg-25



MAT 1228

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

12-Mg-25  
-57.28 To 138.5 %



17

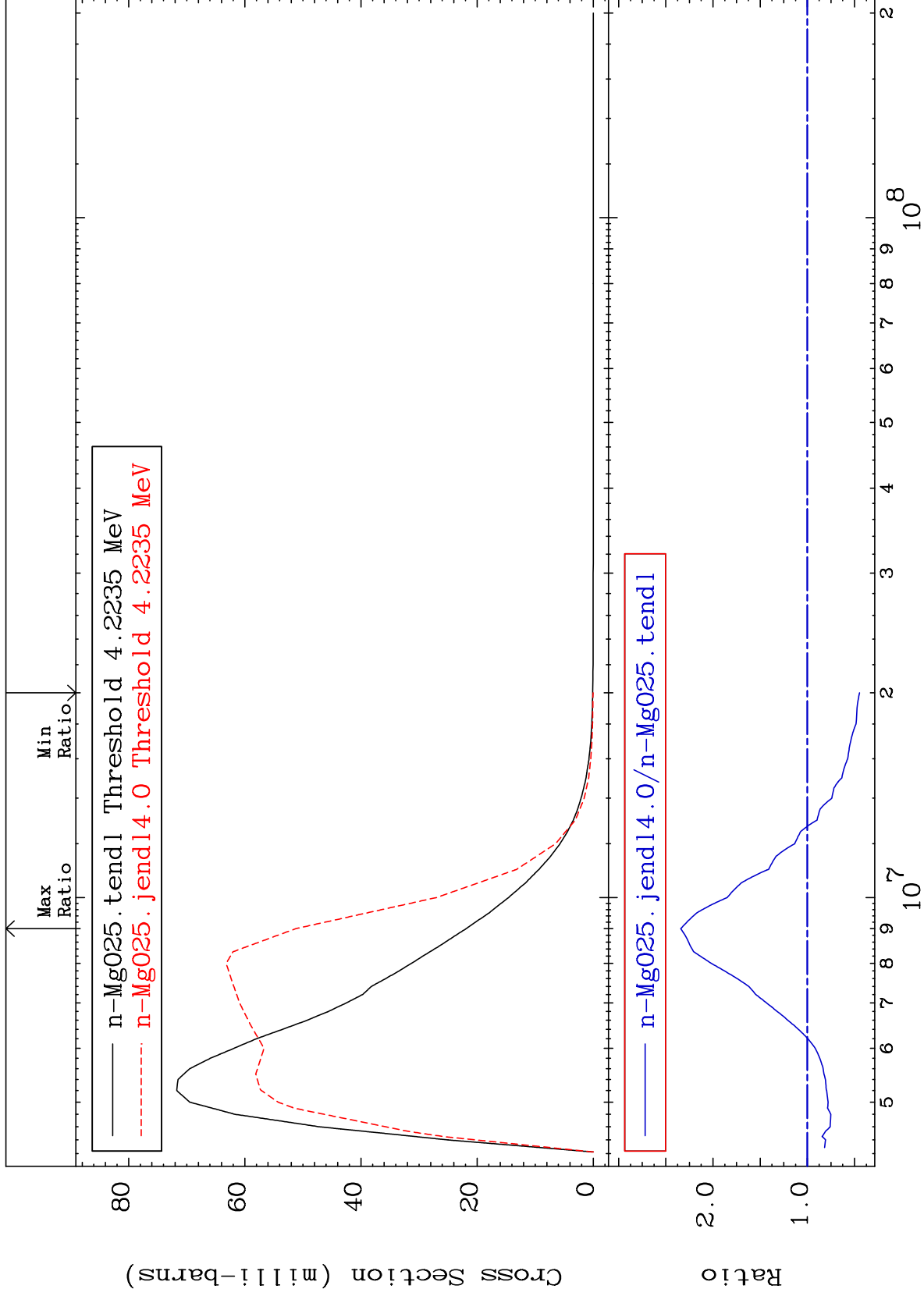
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25  
-55.30 To 134.2 %



18

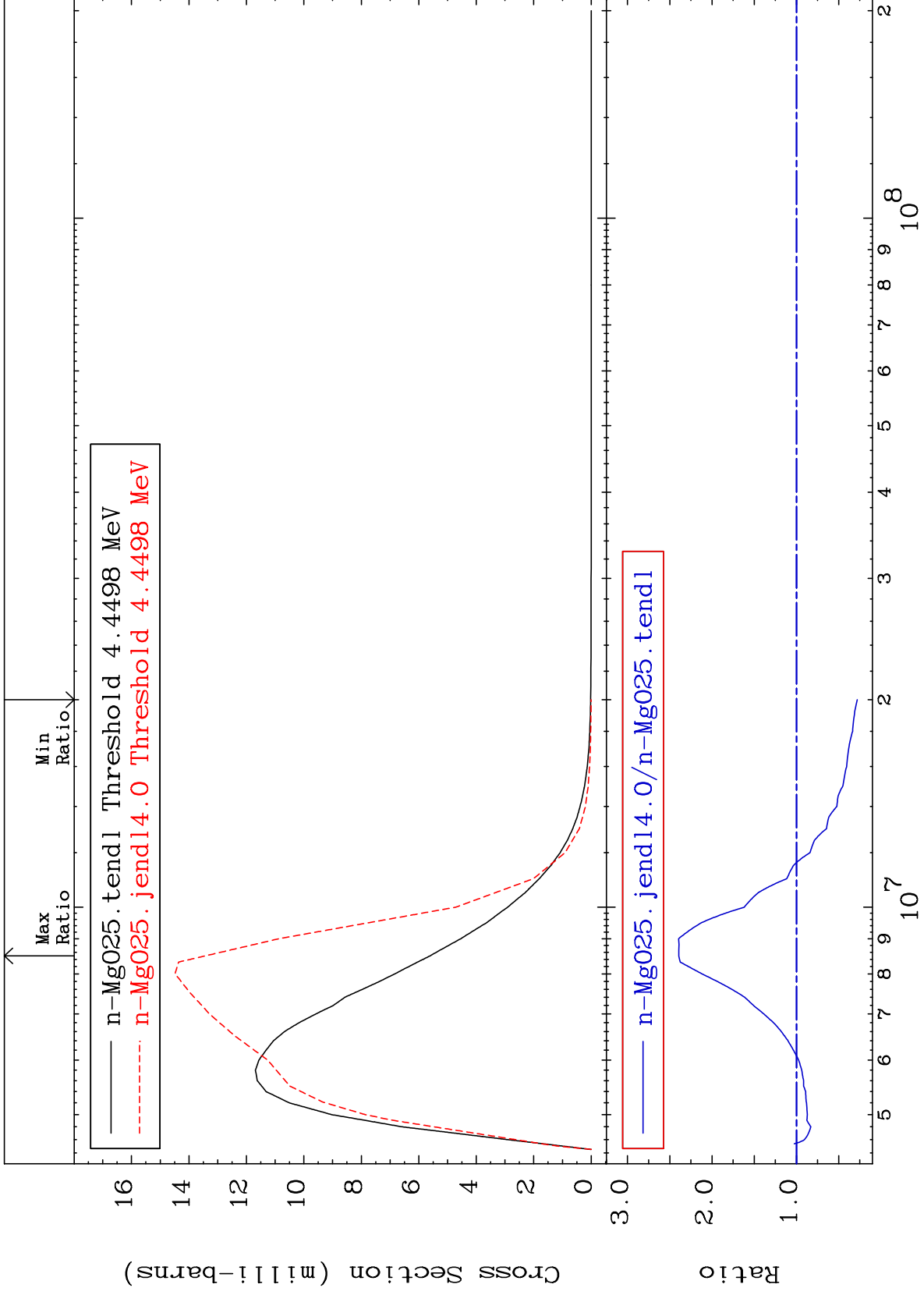
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25  
-71.96 To 139.5 %



19

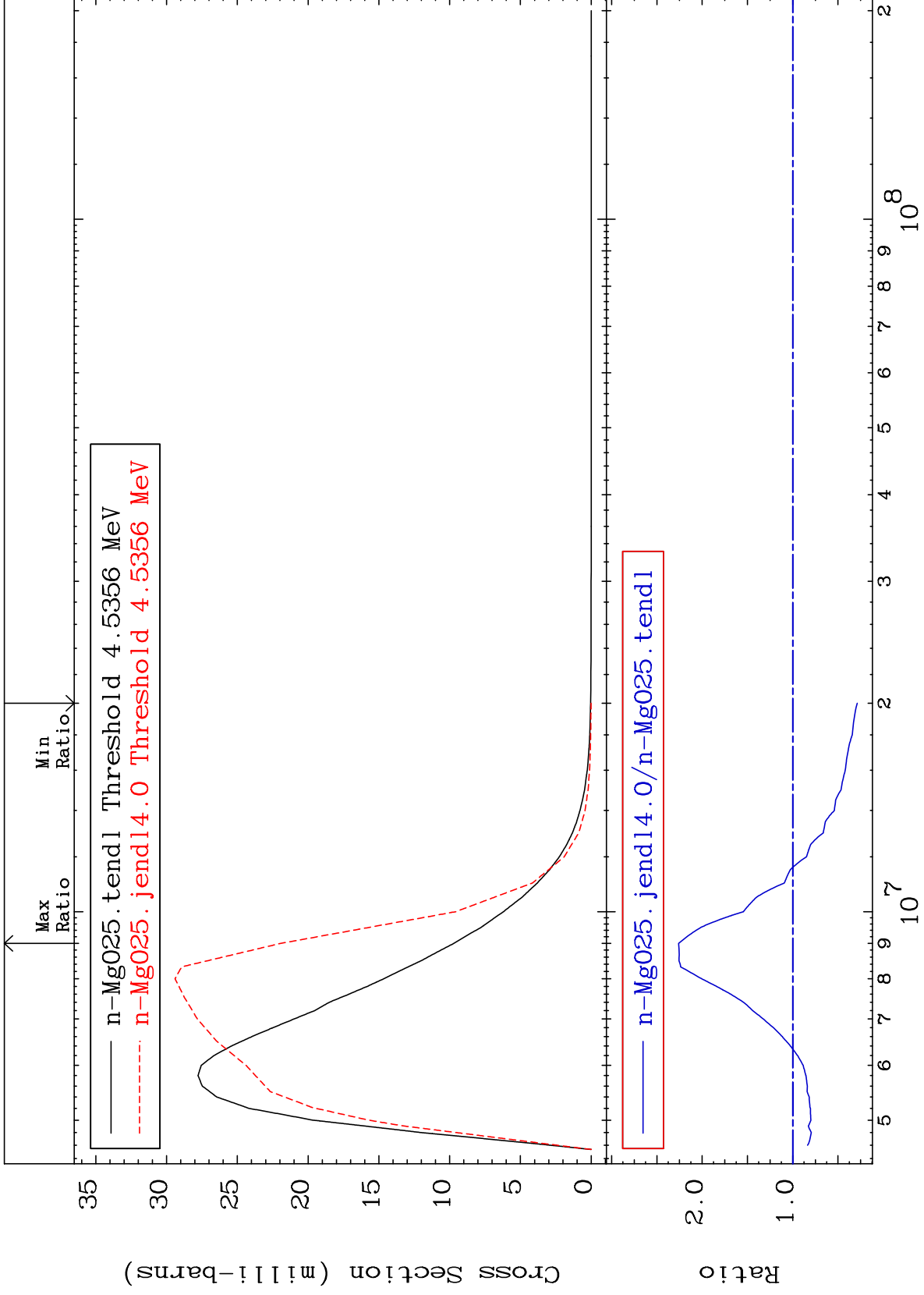
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25  
-71.28 To 126.0 %



20

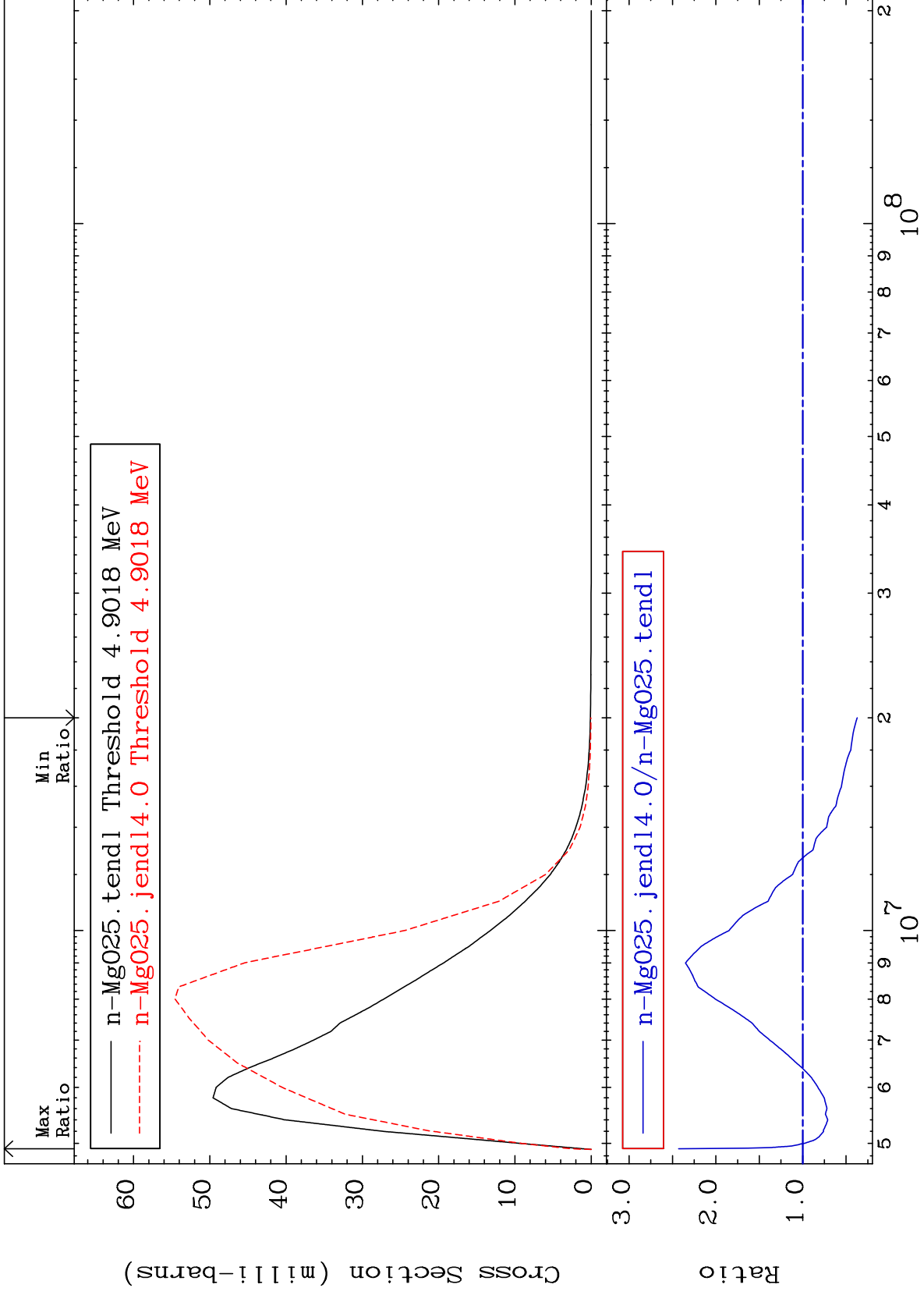
Incident Energy (eV)

12-Mg-25

MAT 1228

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

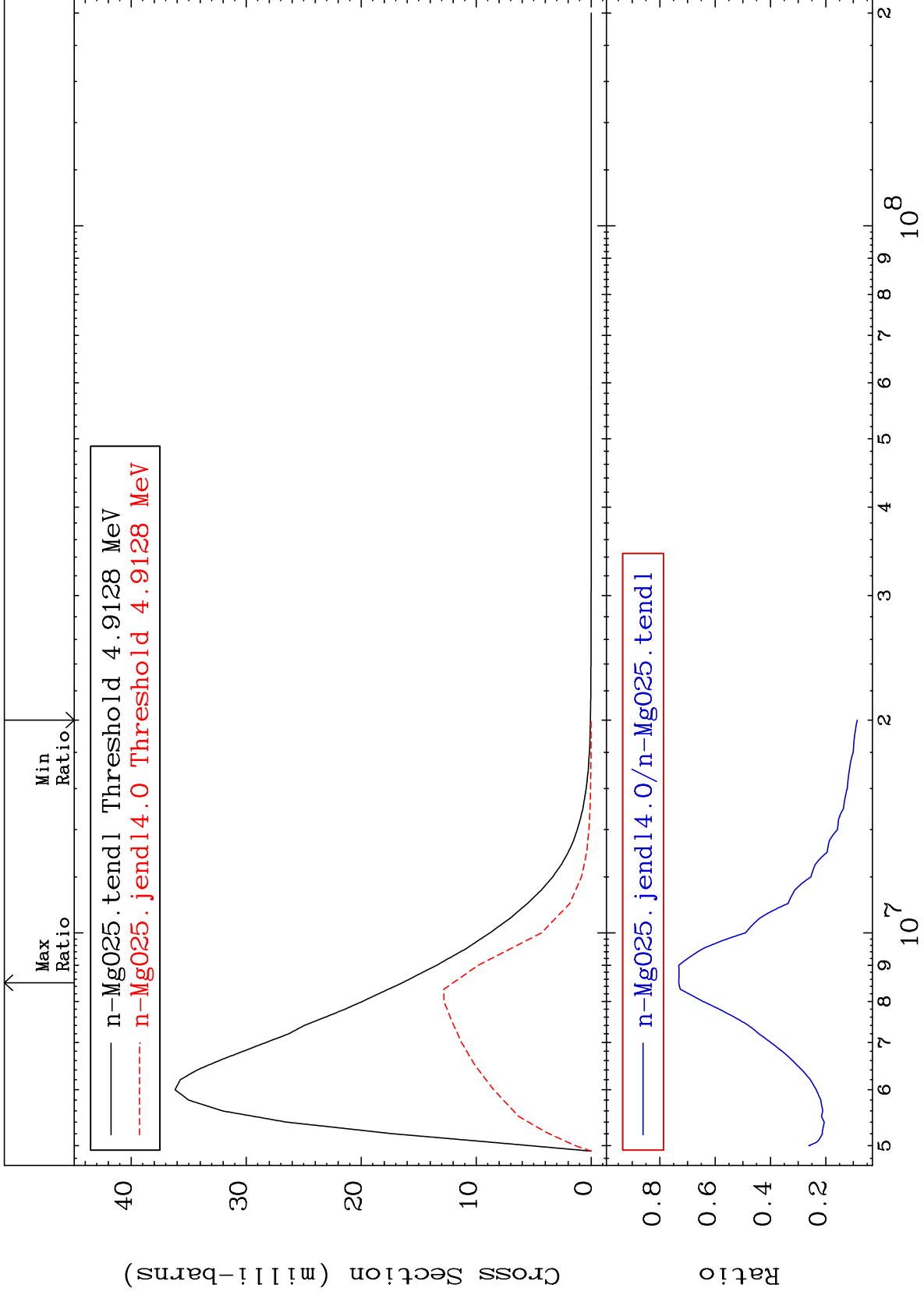
12-Mg-25  
-62.85 To 142.9 %



MAT 1228

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

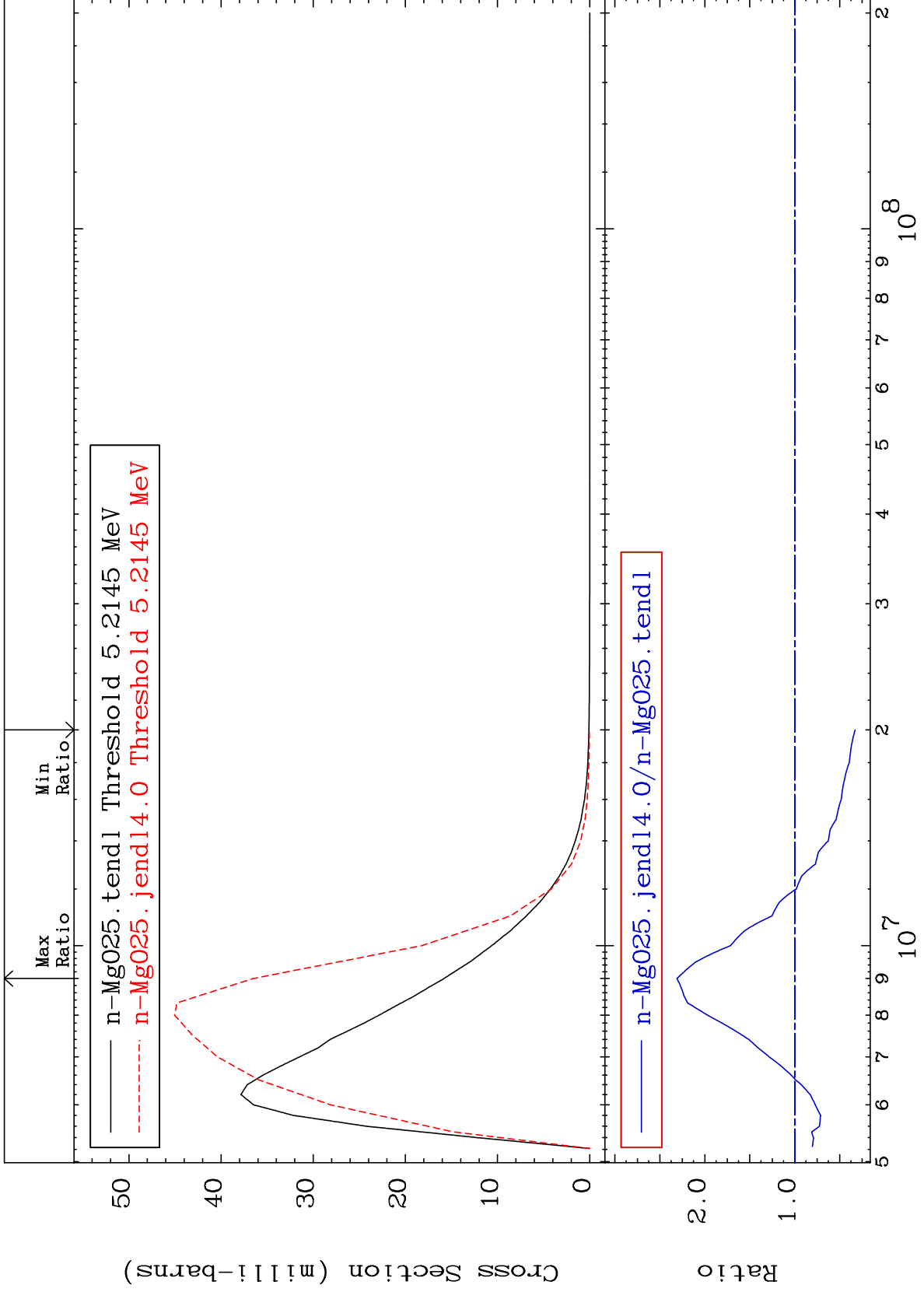
12-Mg-25  
-91.39 To -26.82%



MAT 1228

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

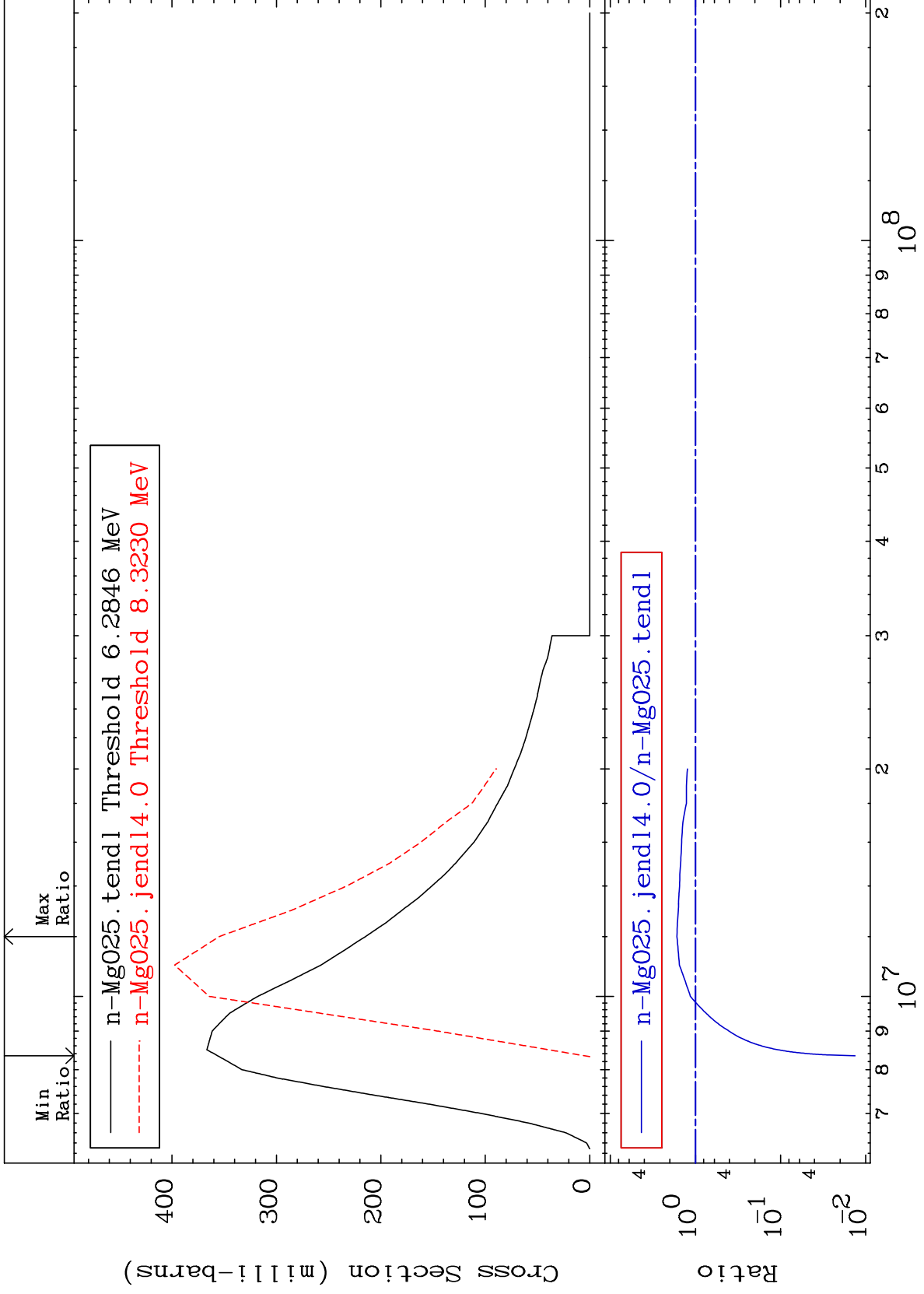
12-Mg-25  
-67.16 To 131.0 %



MAT 1228

(n, n') Continuum  
Cross Section

12-Mg-25  
-98.67 To 65.19 %





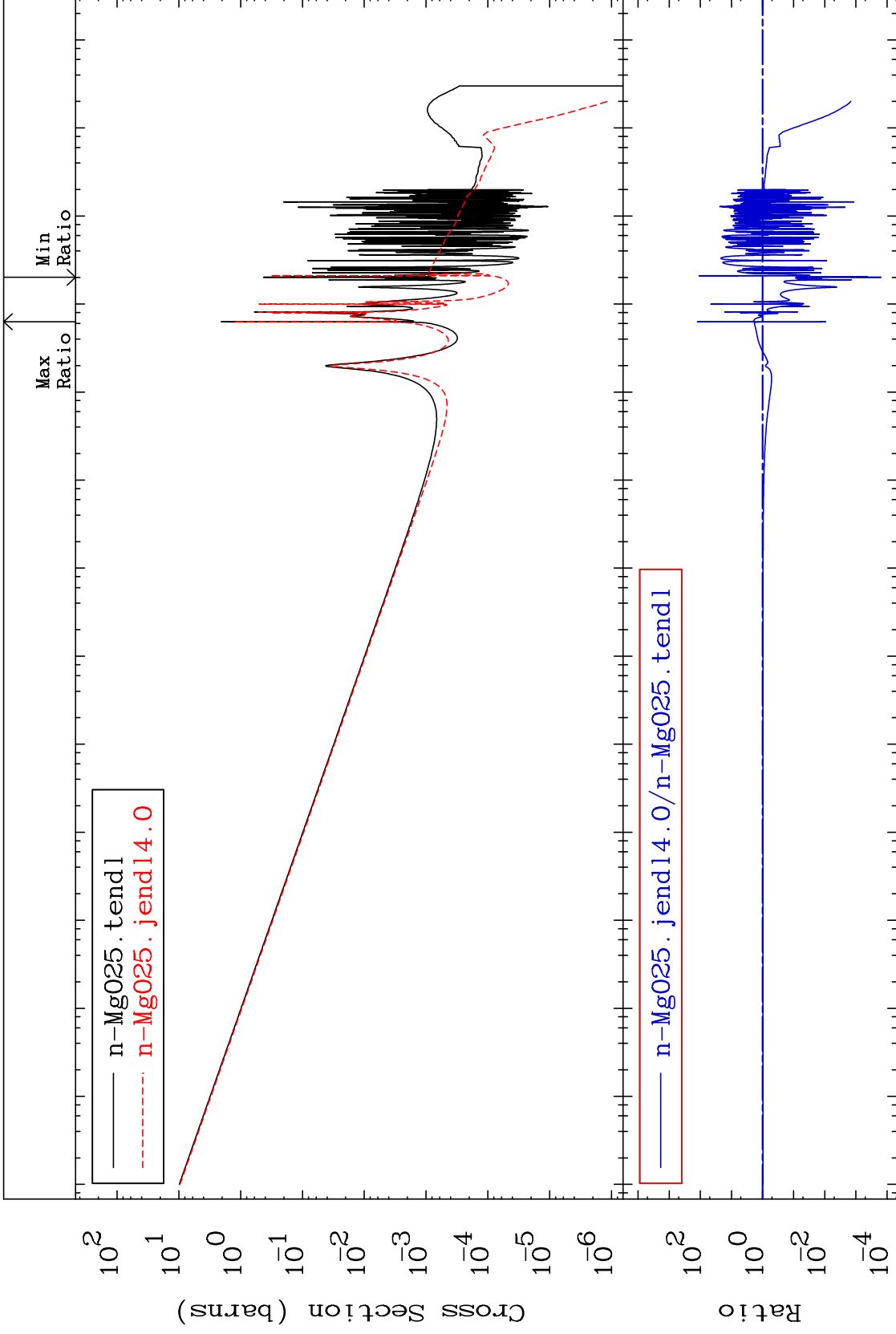
MAT 1228

(n,  $\gamma$ )

12-Mg-25

Cross Section

-99.98 To 9999. %



25

Incident Energy (eV)

12-Mg-25

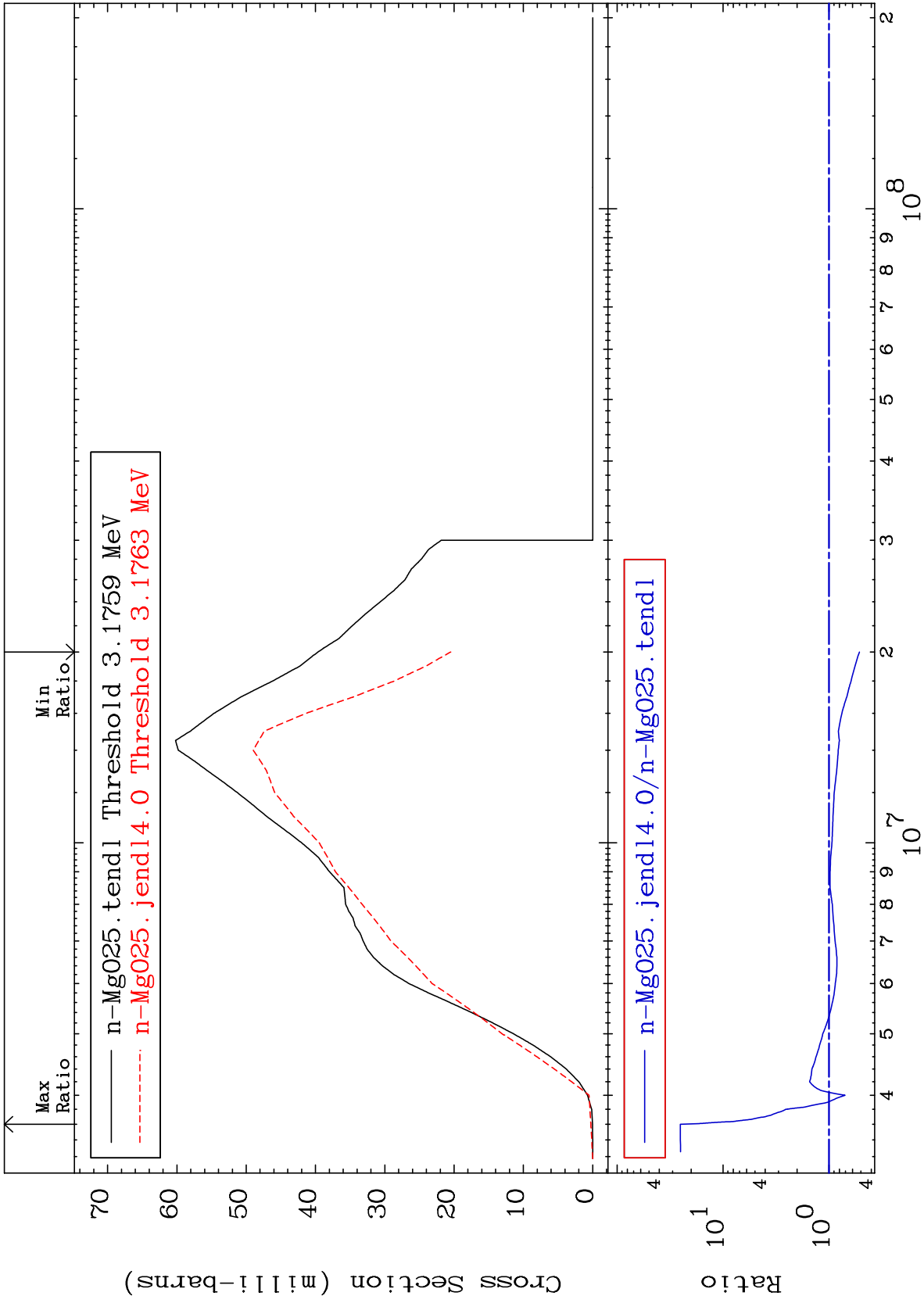
MAT 1228

(n,p)

12-Mg-25

Cross Section

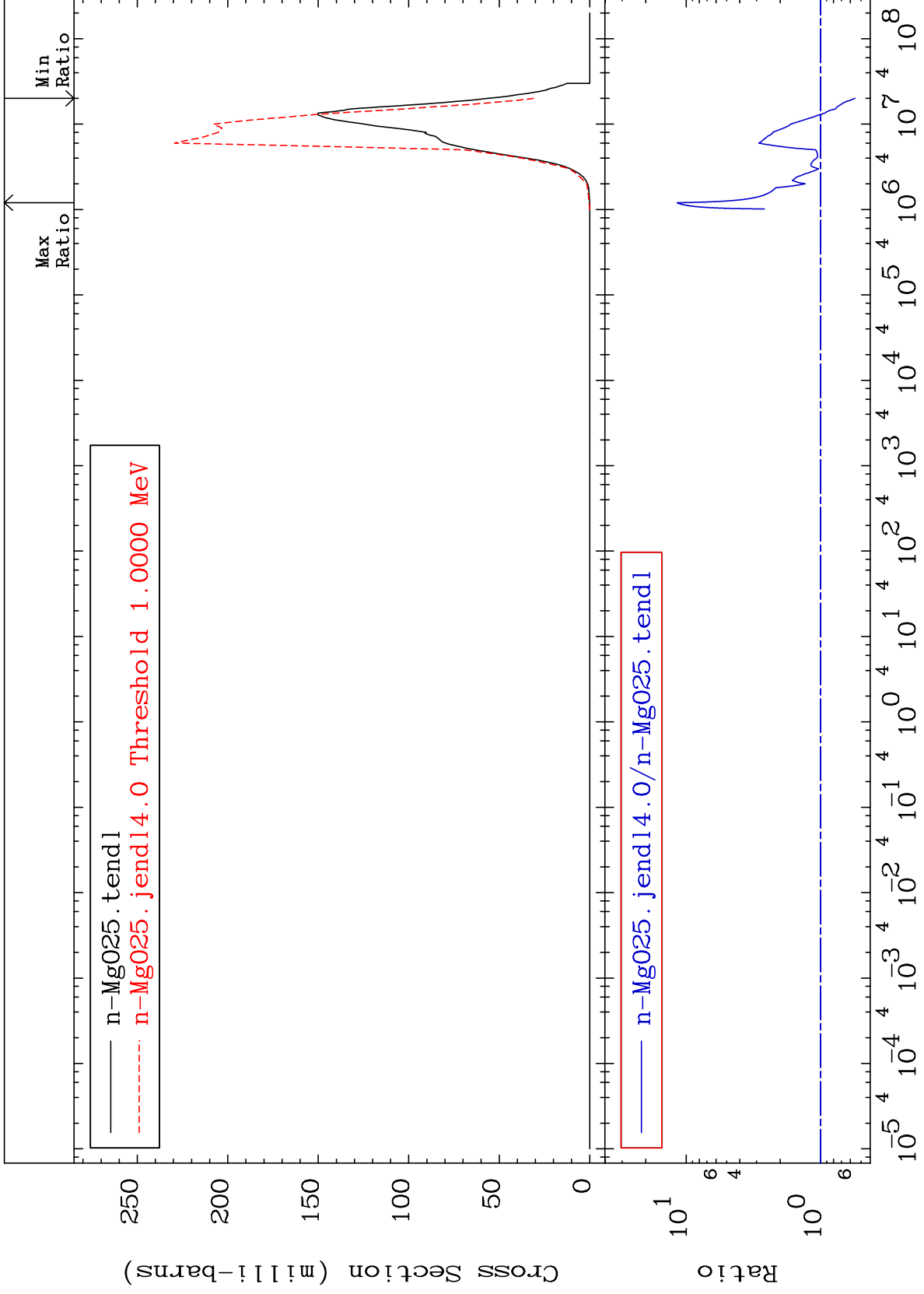
-48.32 To 2430. %



MAT 1228

(n,  $\alpha$ )  
Cross Section

12-Mg-25  
-44.64 To 1073. %



27

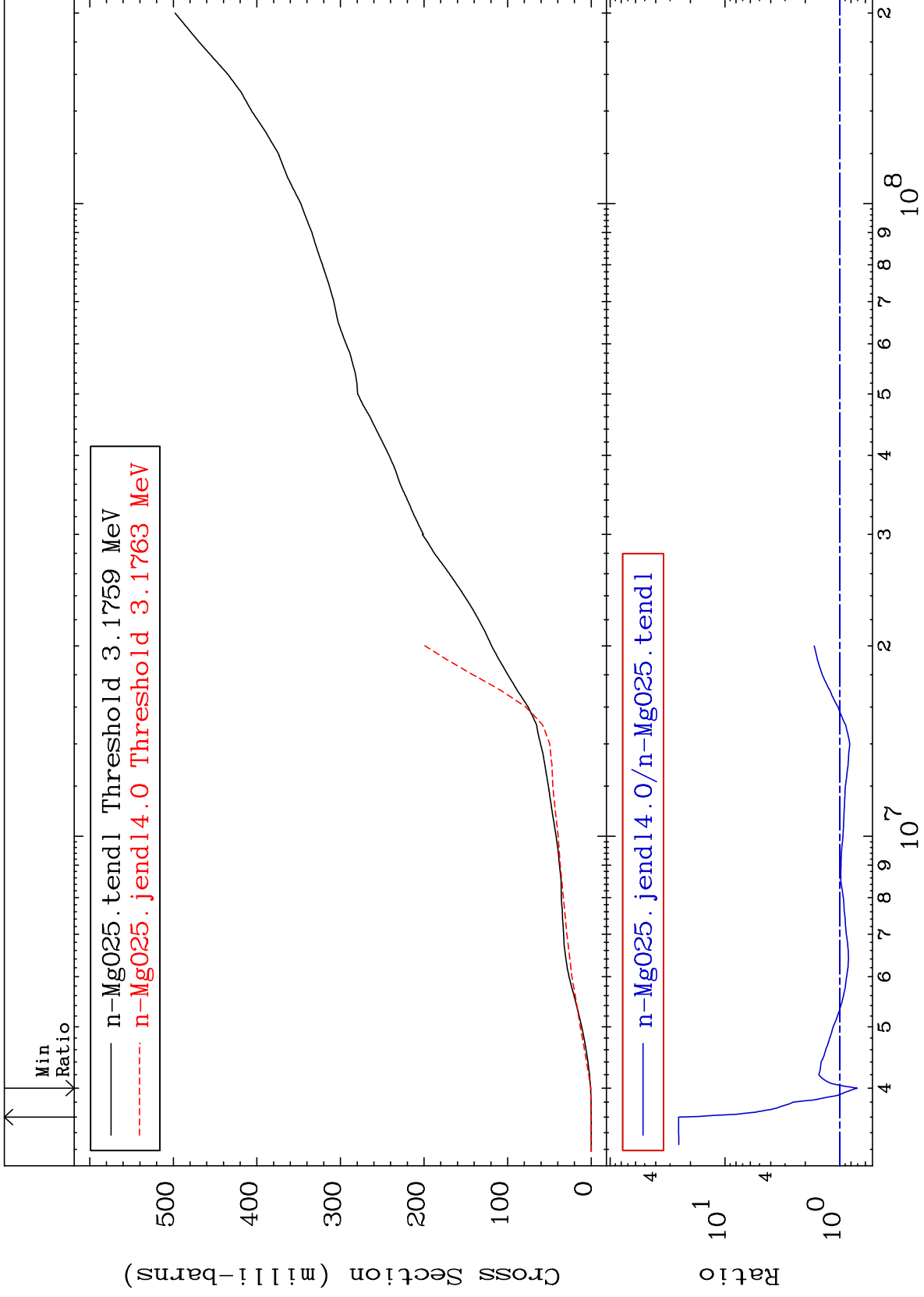
Incident Energy (eV)

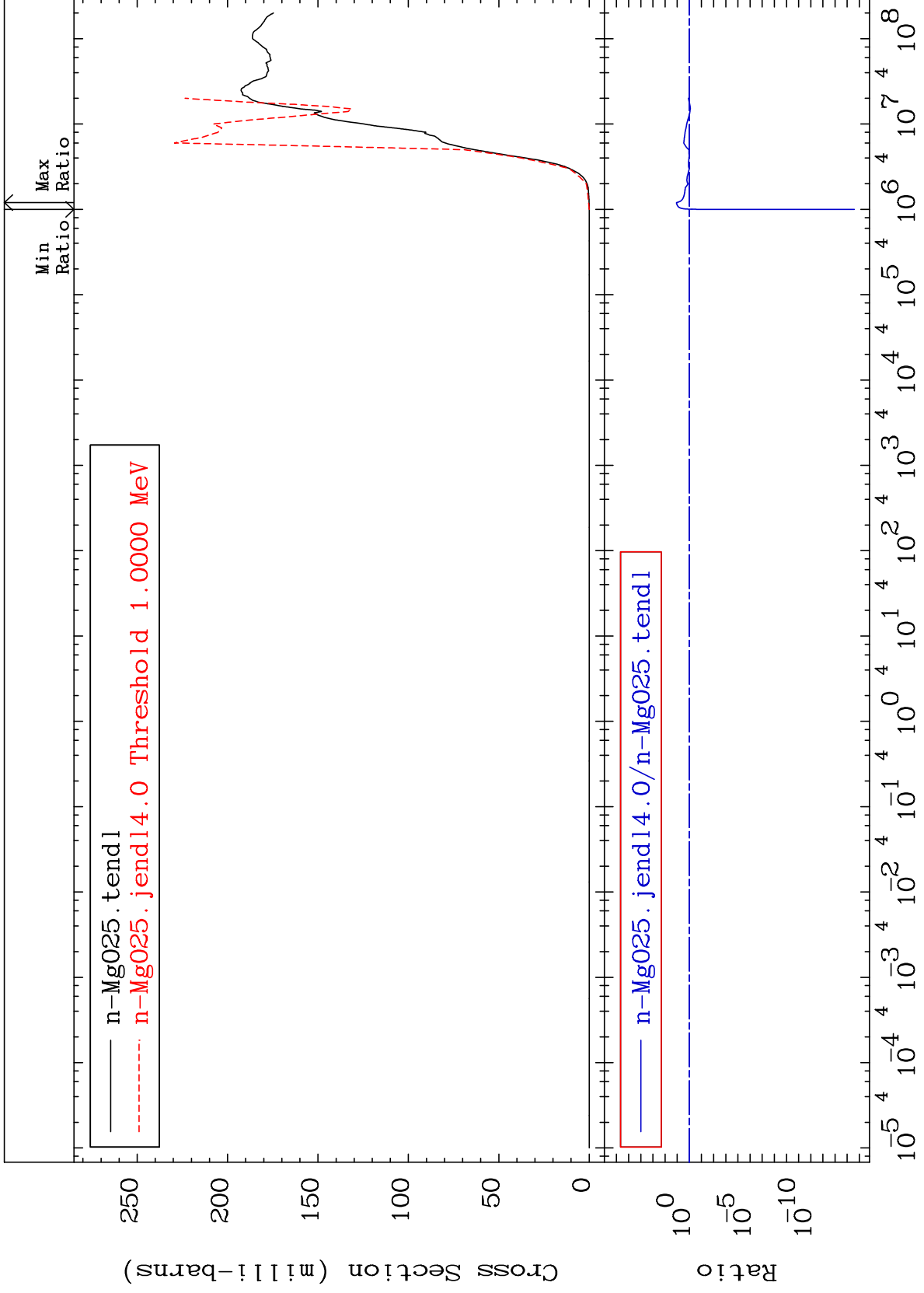
12-Mg-25

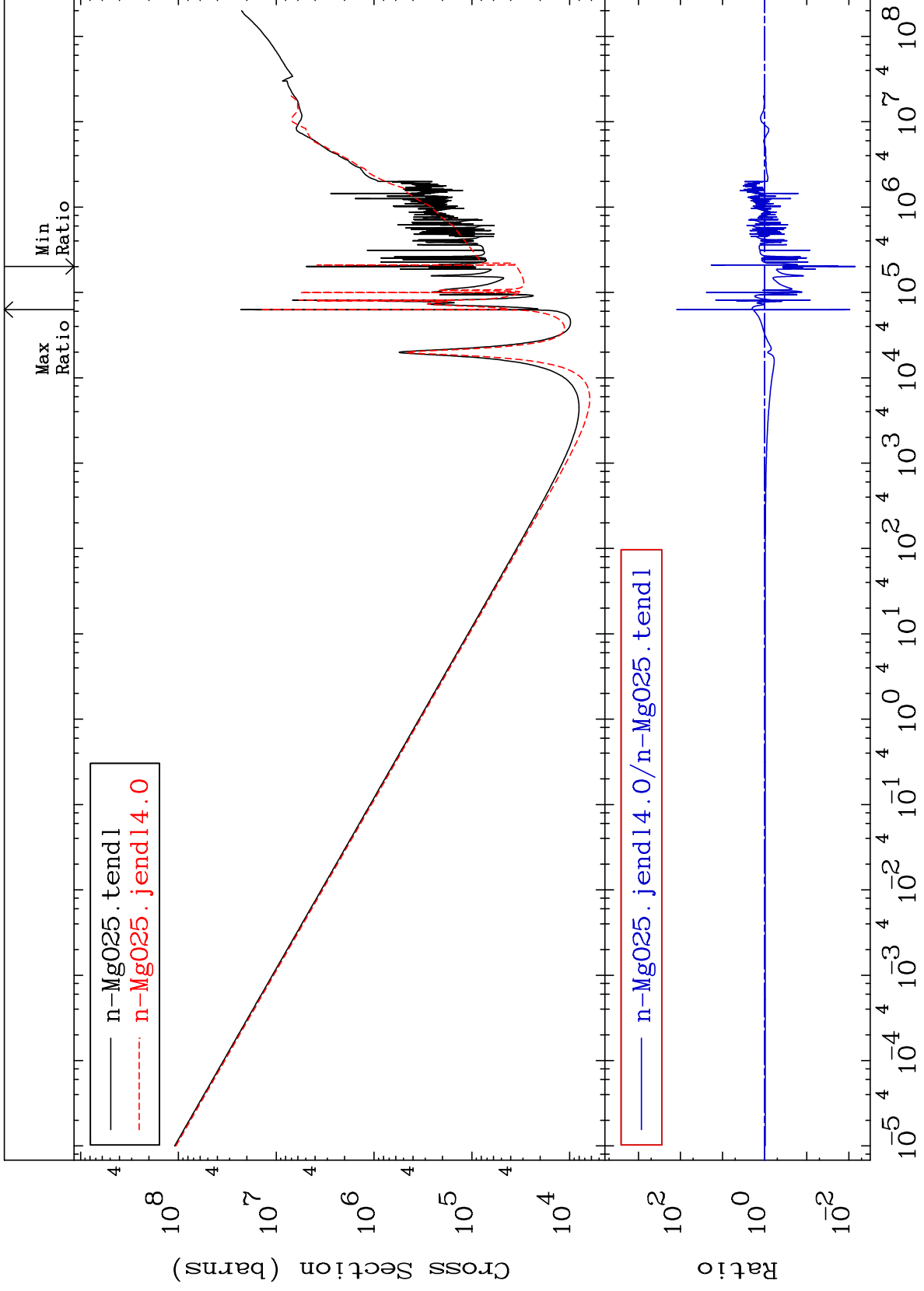
MAT 1228

Hydrogen Production  
Cross Section

12-Mg-25  
-29.48 To 2430. %



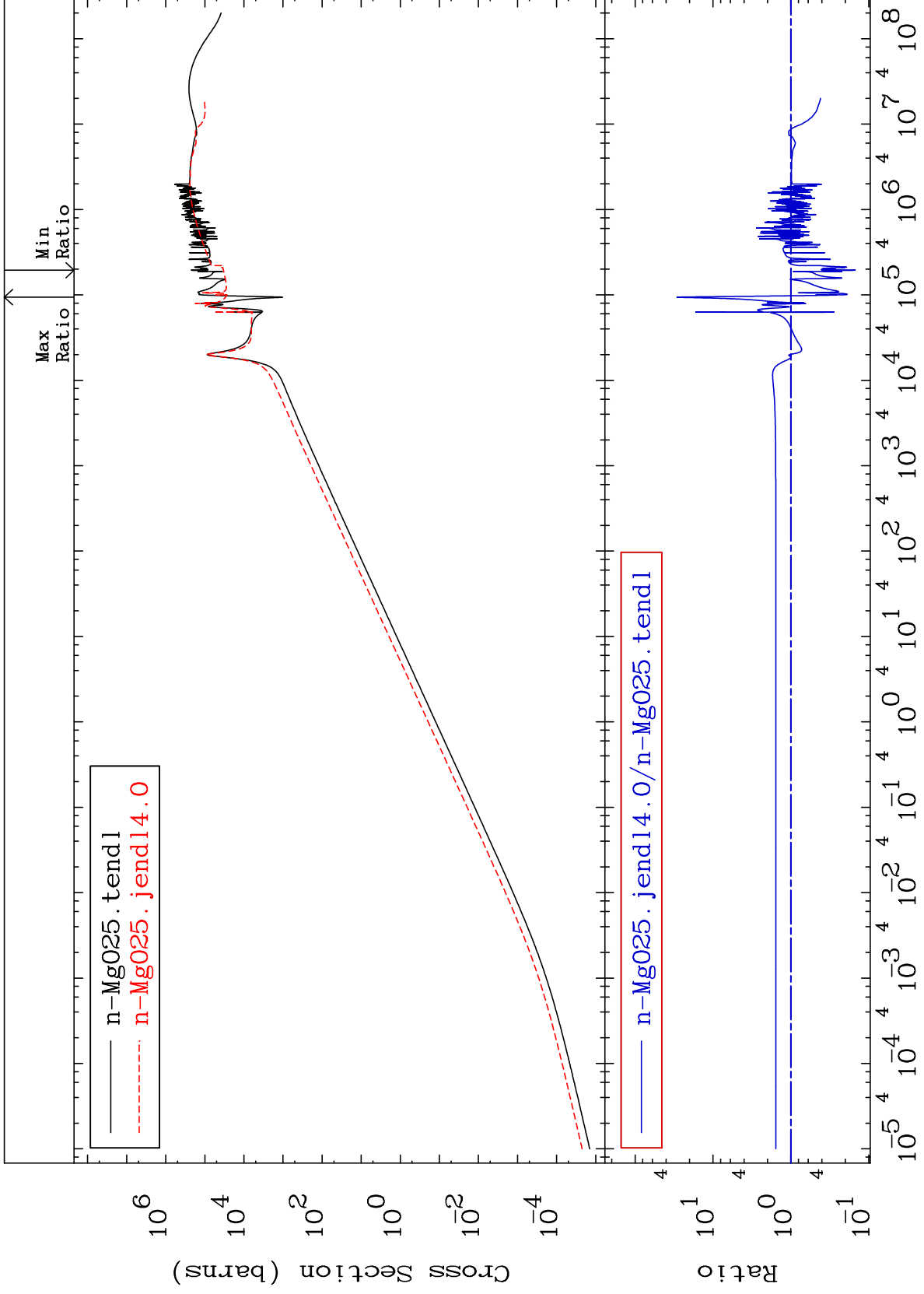


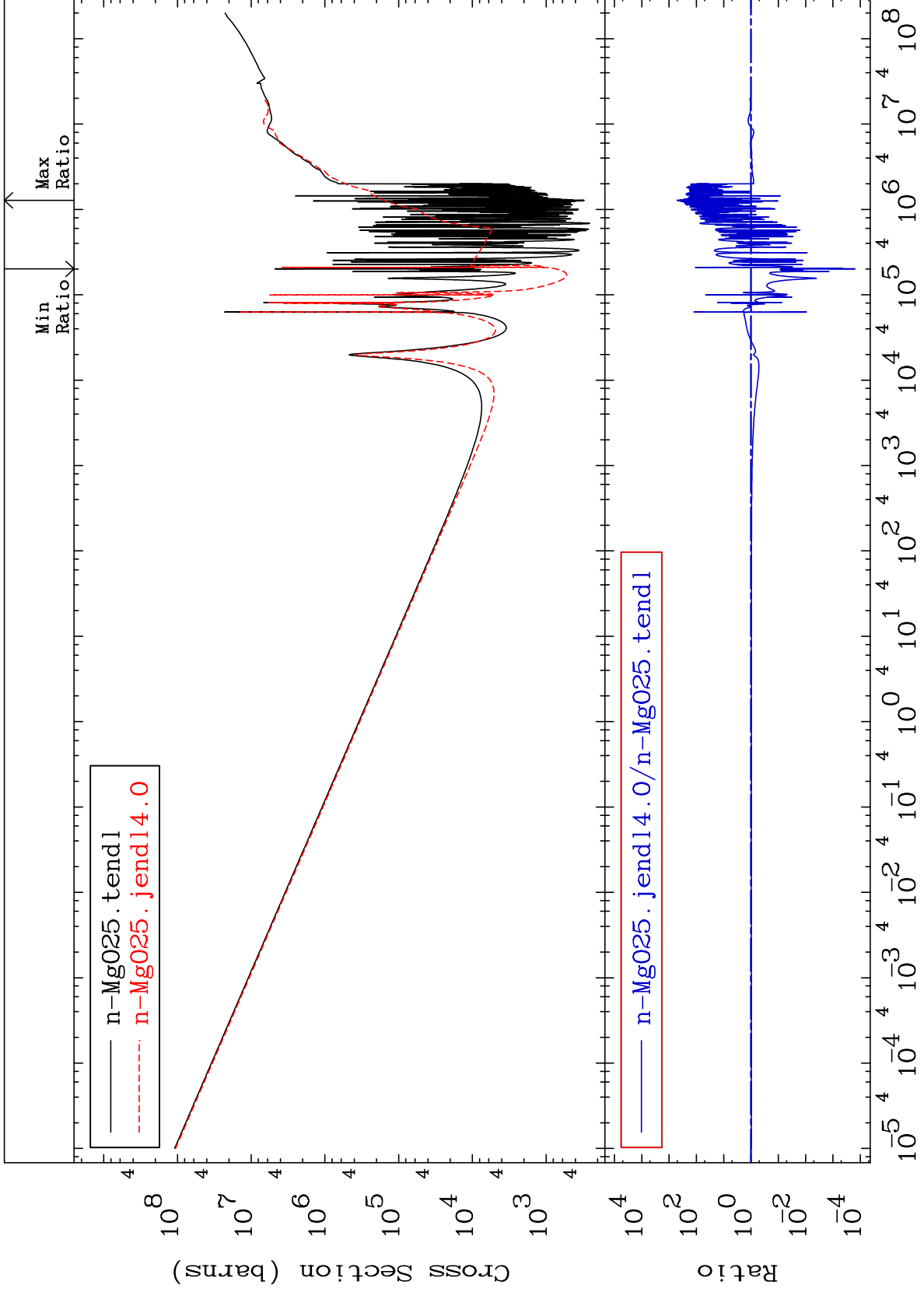


MAT 1228

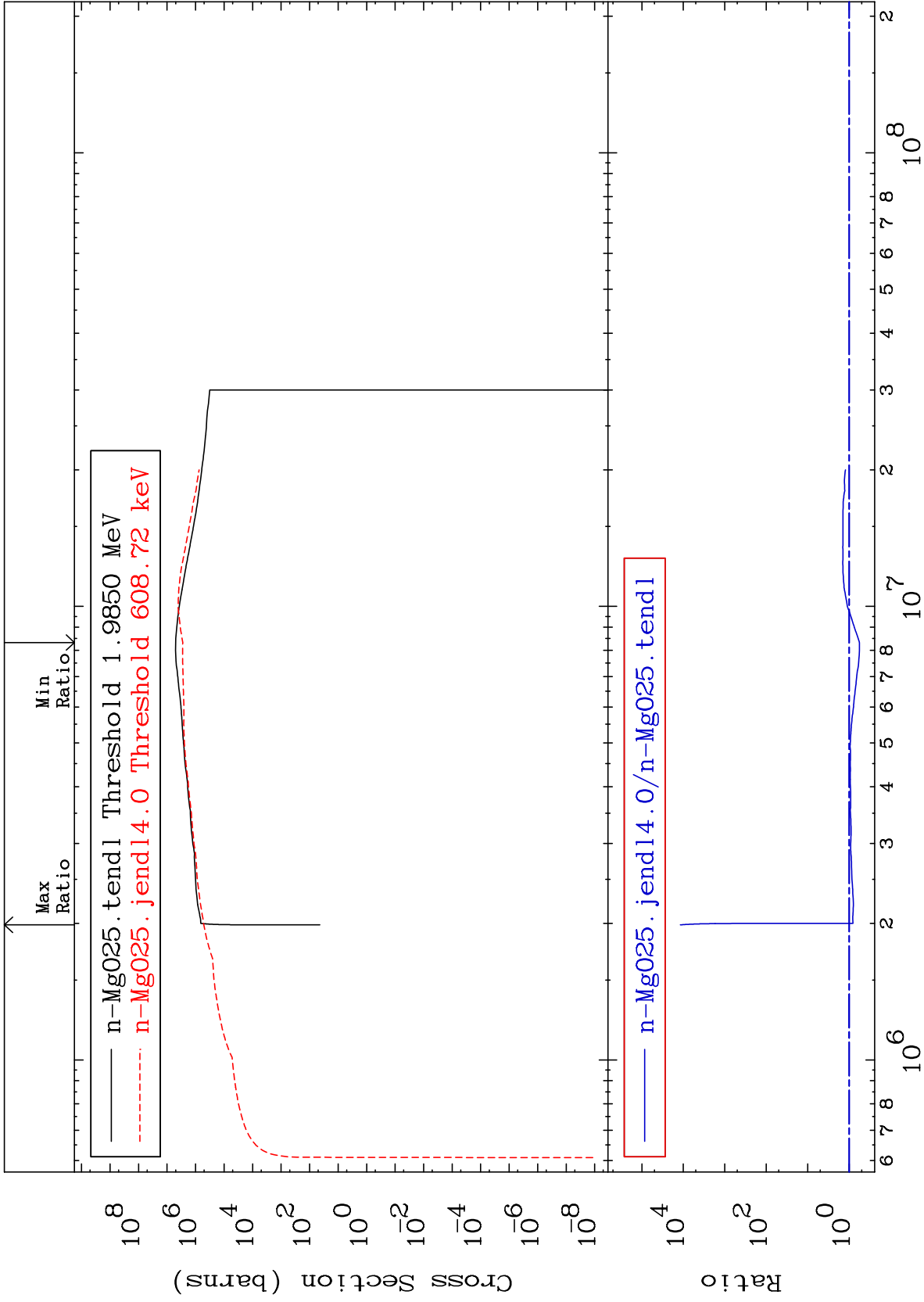
Kerma elastic  
Cross Section

12-Mg-25  
-85.03 To 2809. %





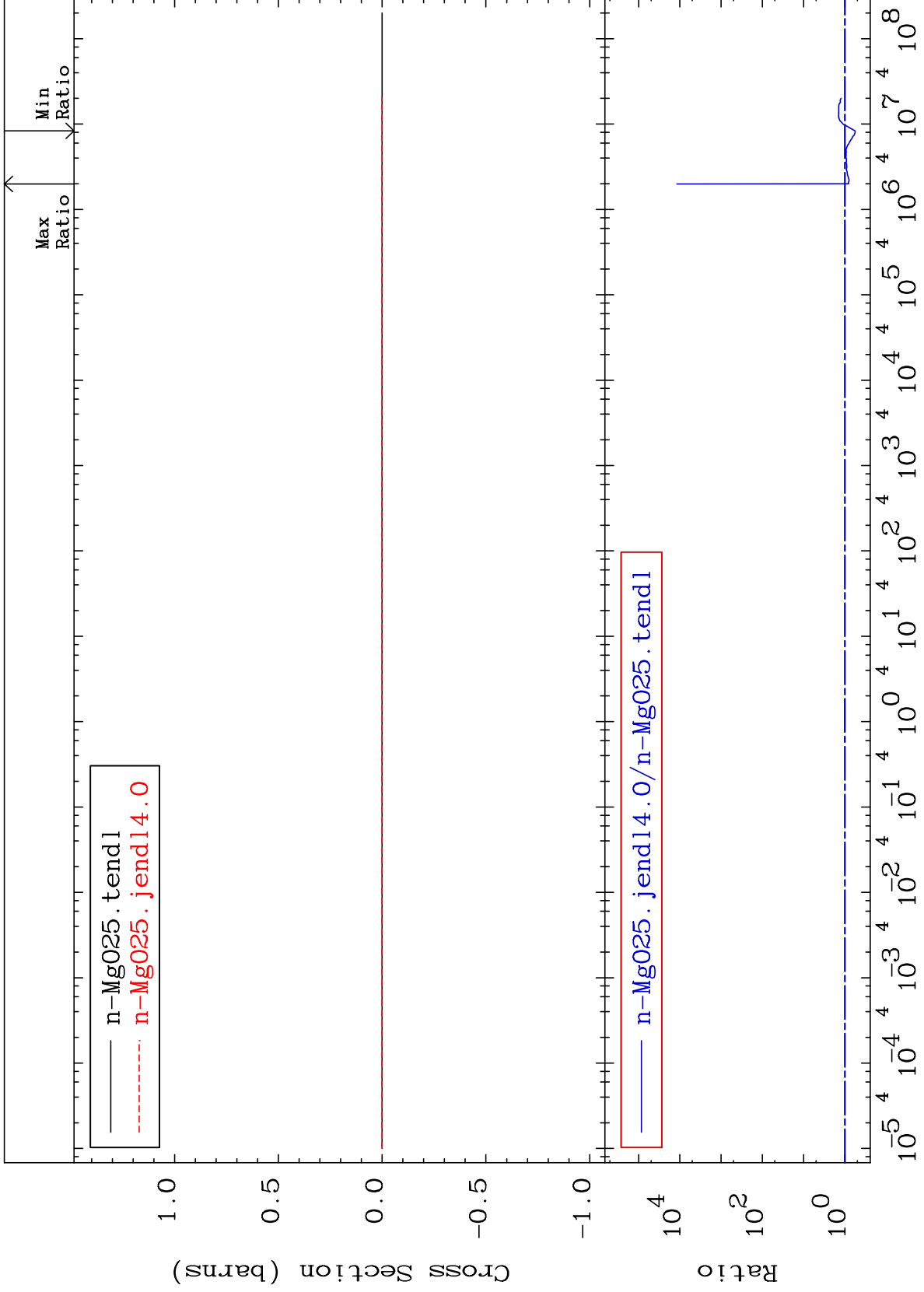


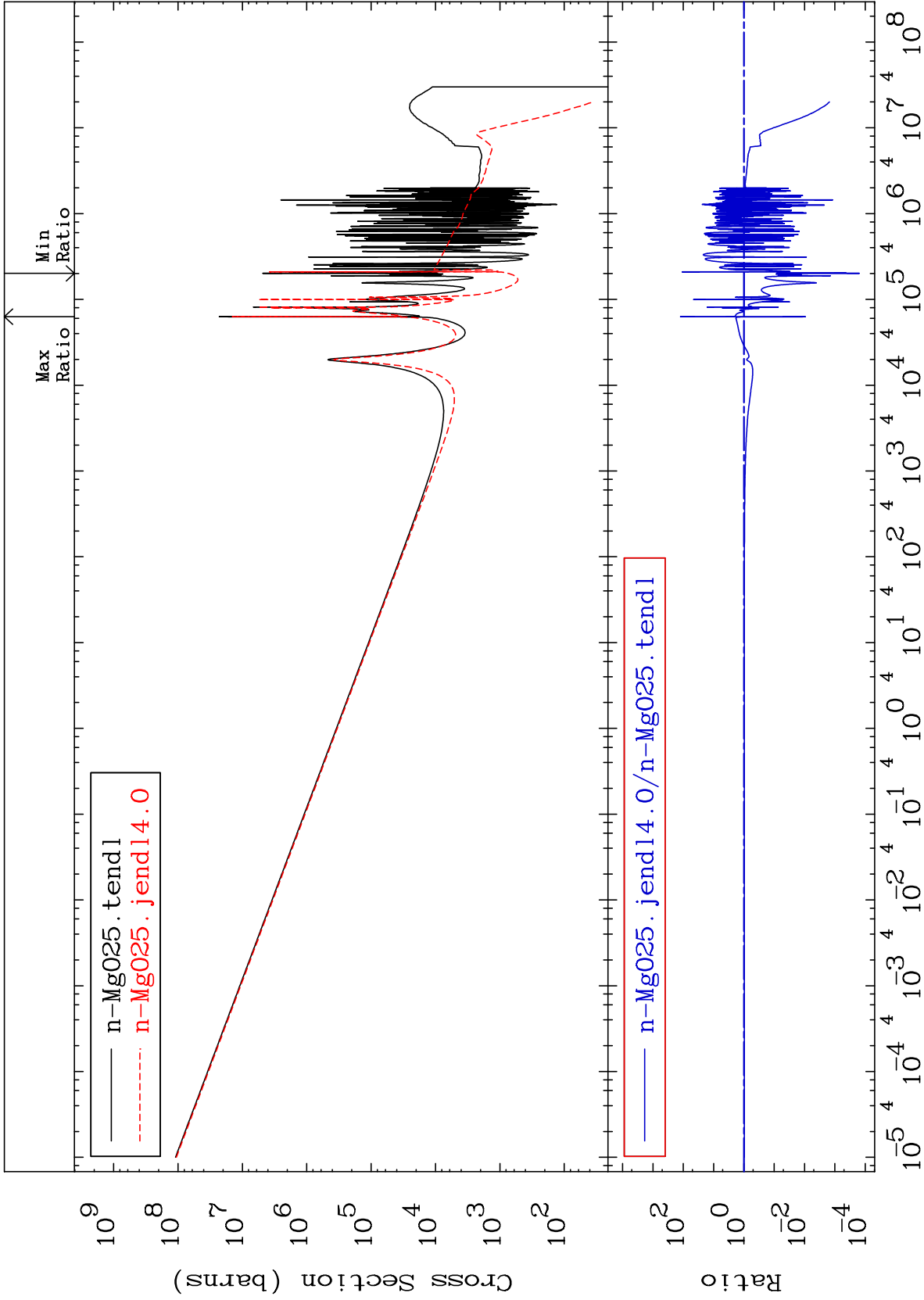


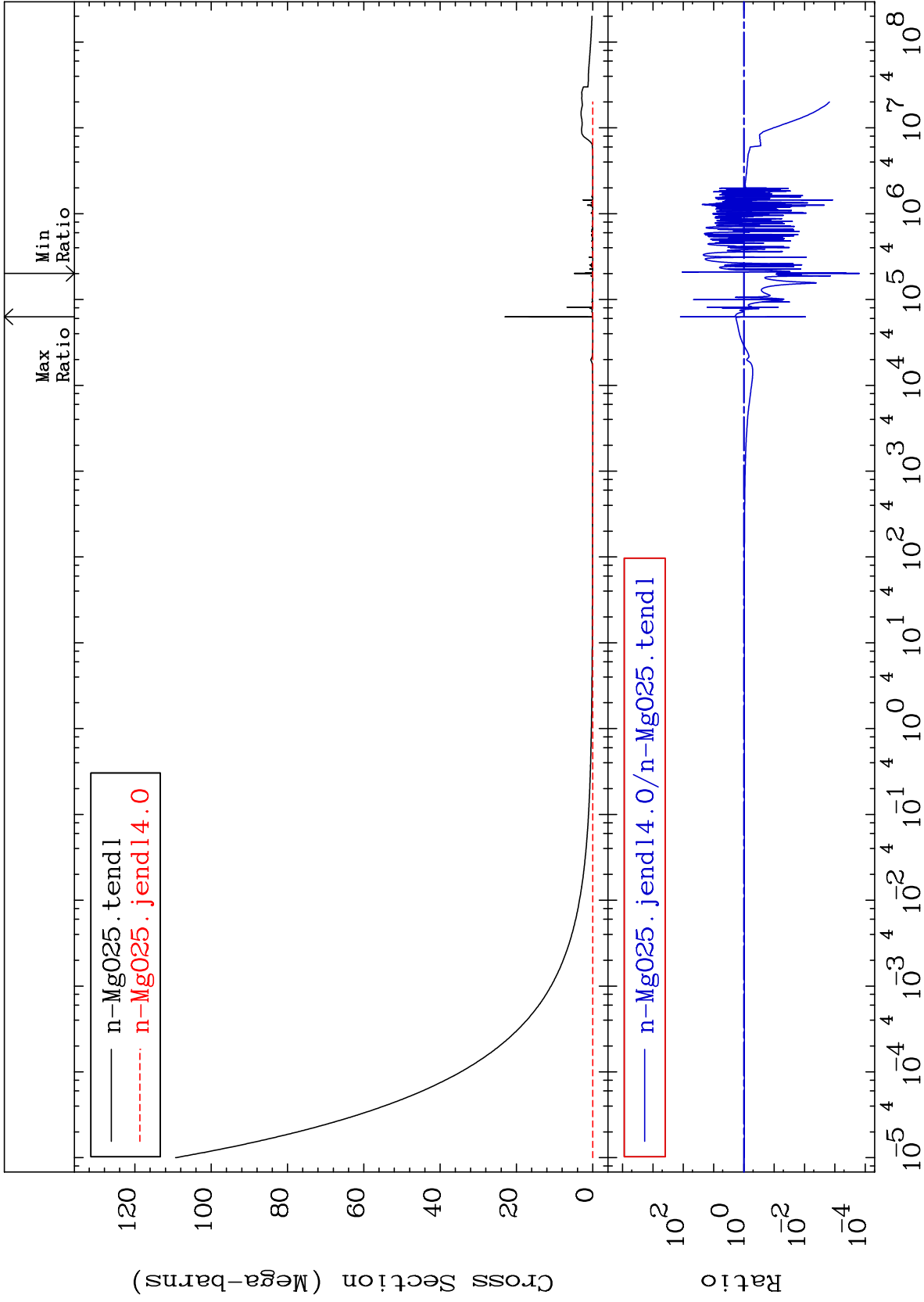
MAT 1228

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

12-Mg-25  
-43.49 To 9999. %



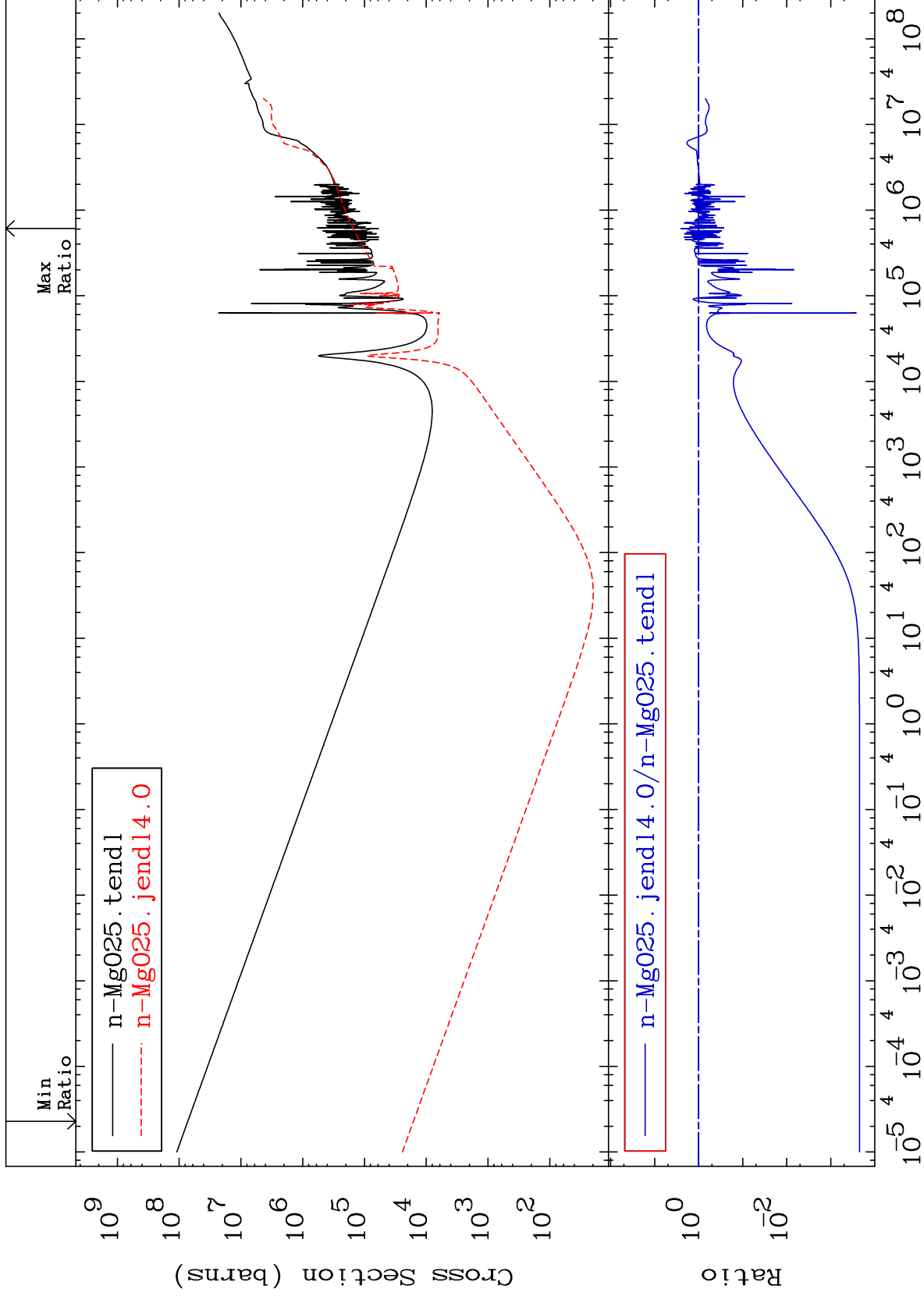




MAT 1228

Total kinematic kerma (high limit)  
Cross Section

12-Mg-25  
-99.98 To 155.8 %



37

Incident Energy (eV)

12-Mg-25

