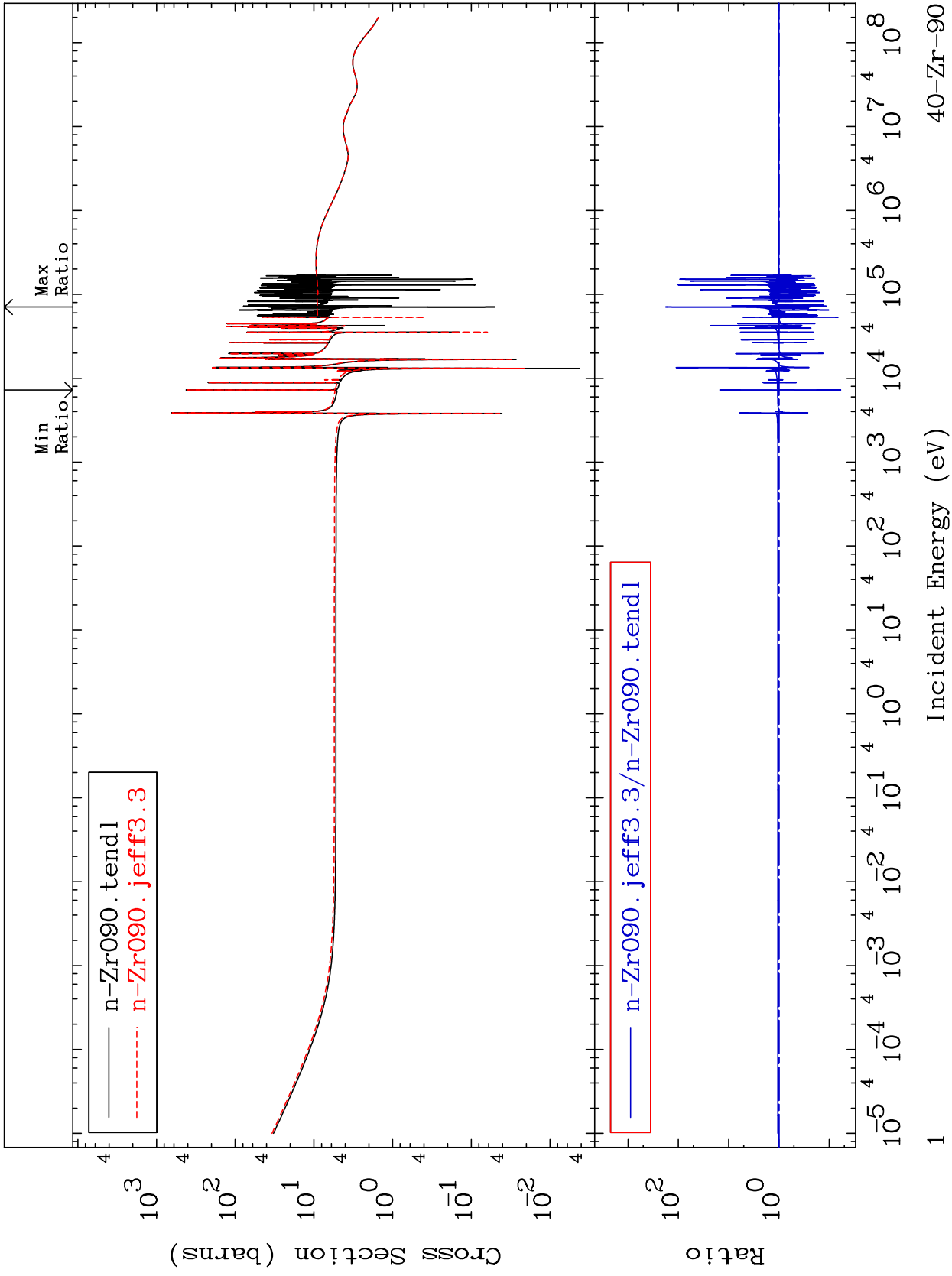


MAT 4025

Total  
Cross Section

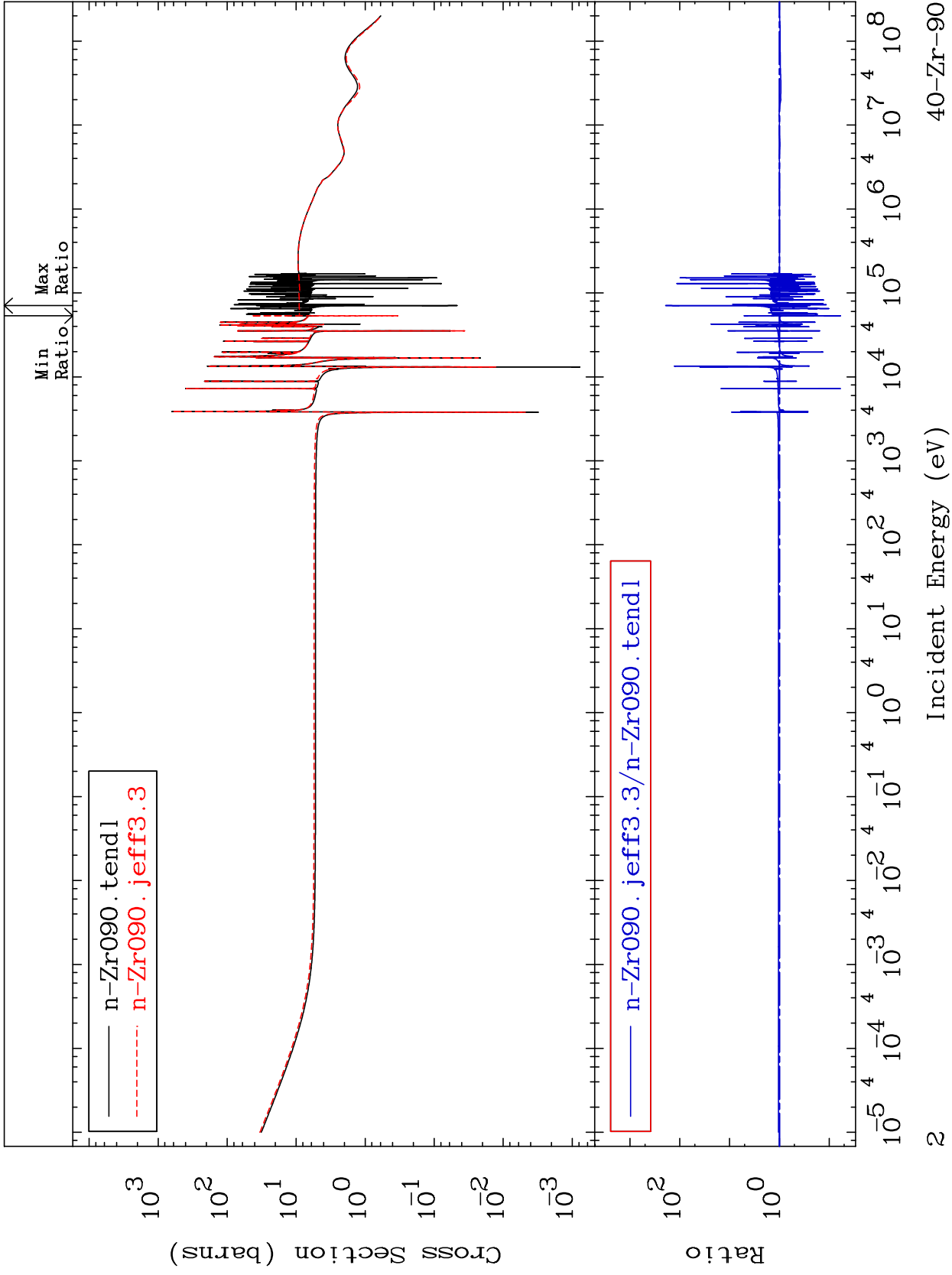
40-Zr-90  
-94.09 To 9999. %



MAT 4025

Elastic  
Cross Section

40-Zr-90  
-94.11 To 9999. %



2

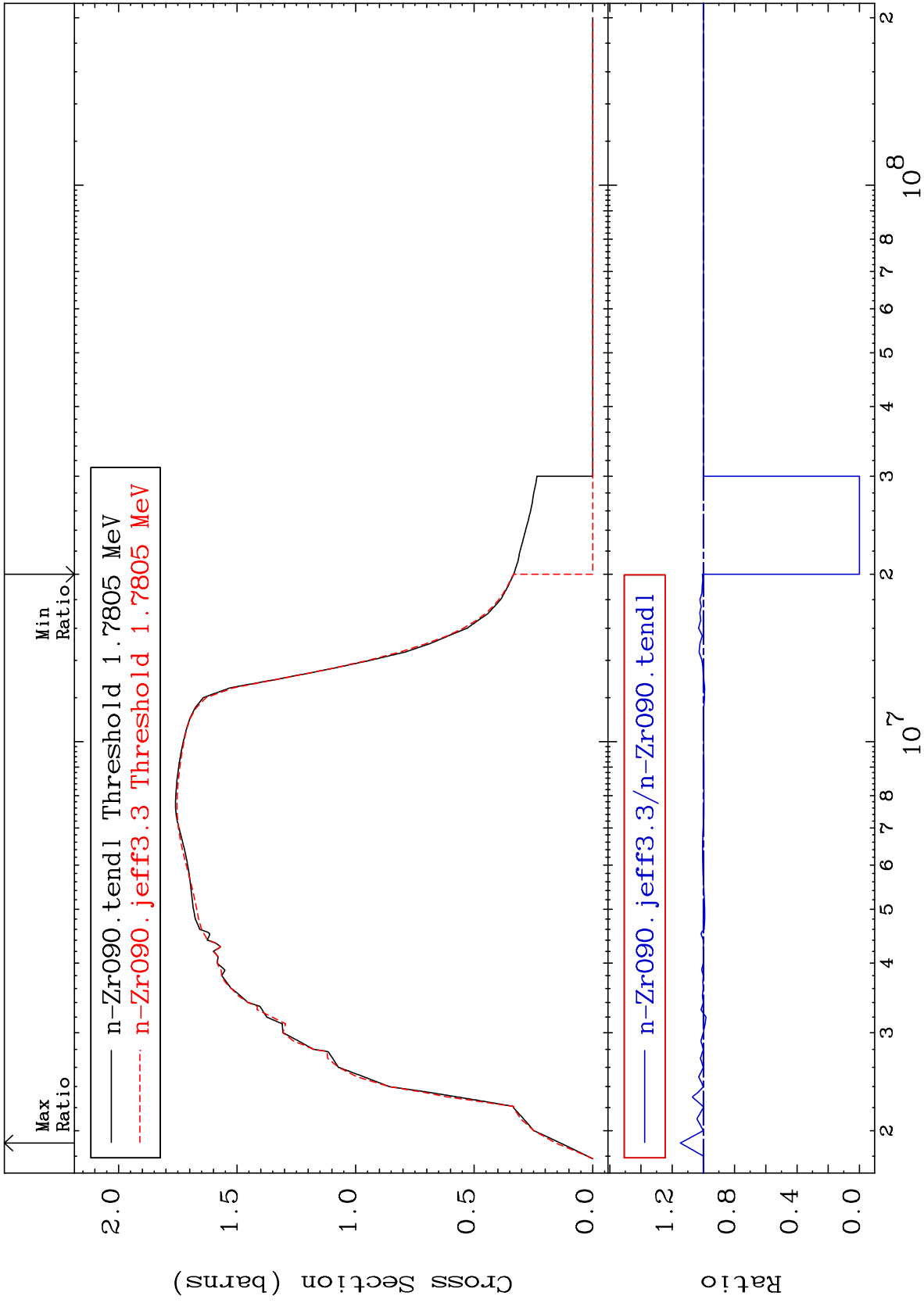
Incident Energy (eV)

40-Zr-90

MAT 4025

Inelastic  
Cross Section

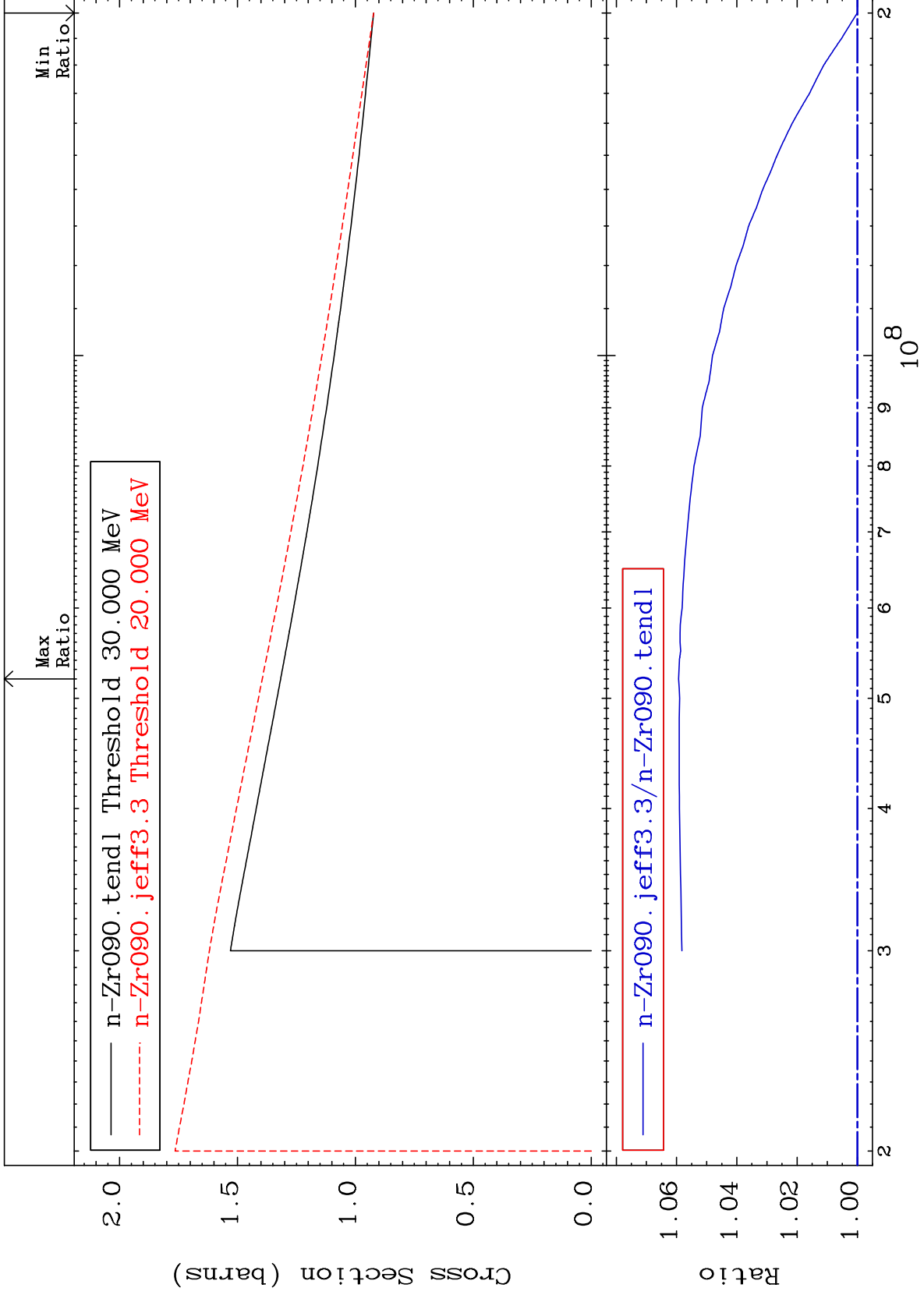
40-Zr-90  
-100.0 To 14.74 %



MAT 4025

(n, remainder)  
Cross Section

40-Zr-90  
0.004 To 5.932 %

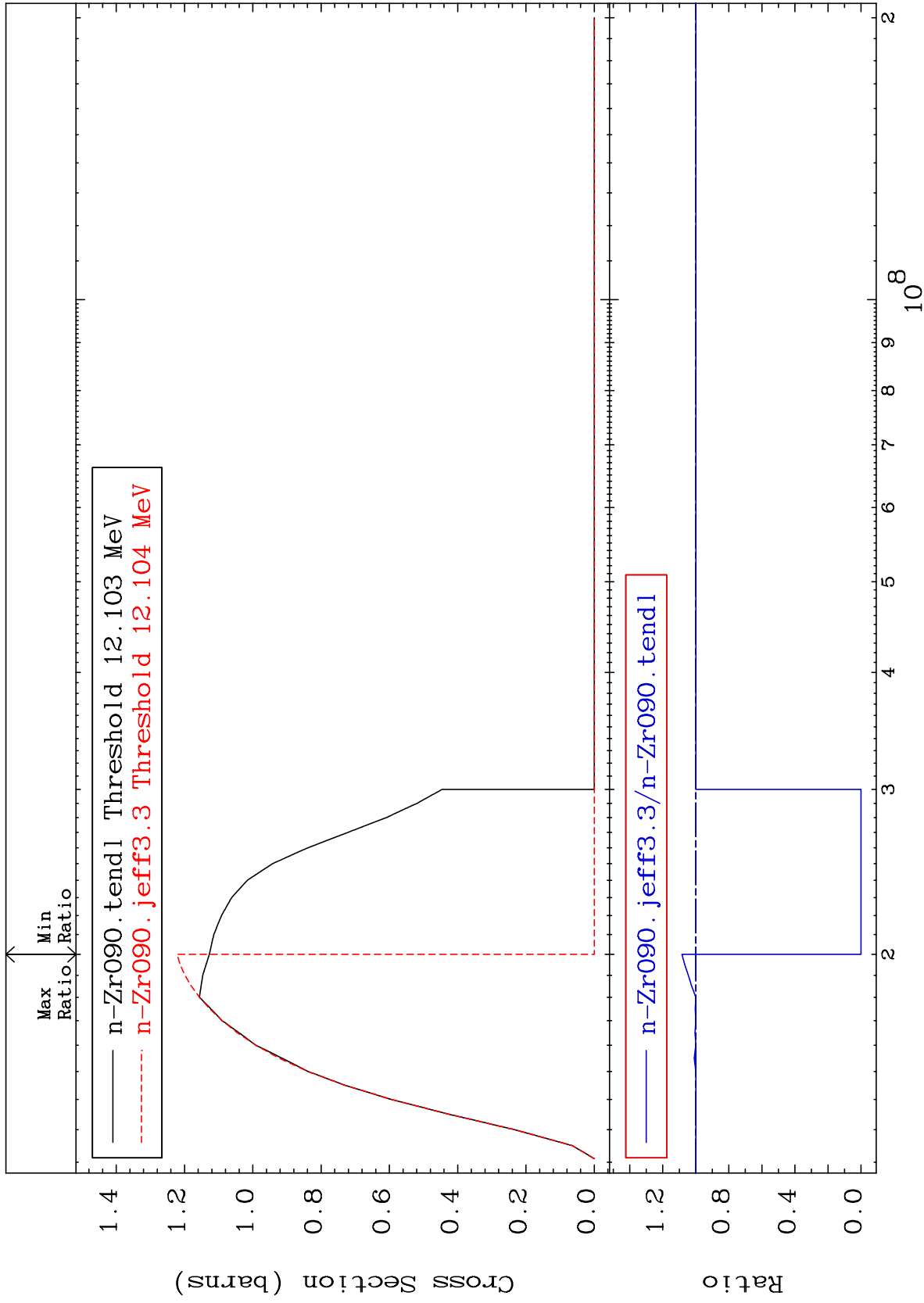


MAT 4025

(n,2n)  
Cross Section

40-Zr-90

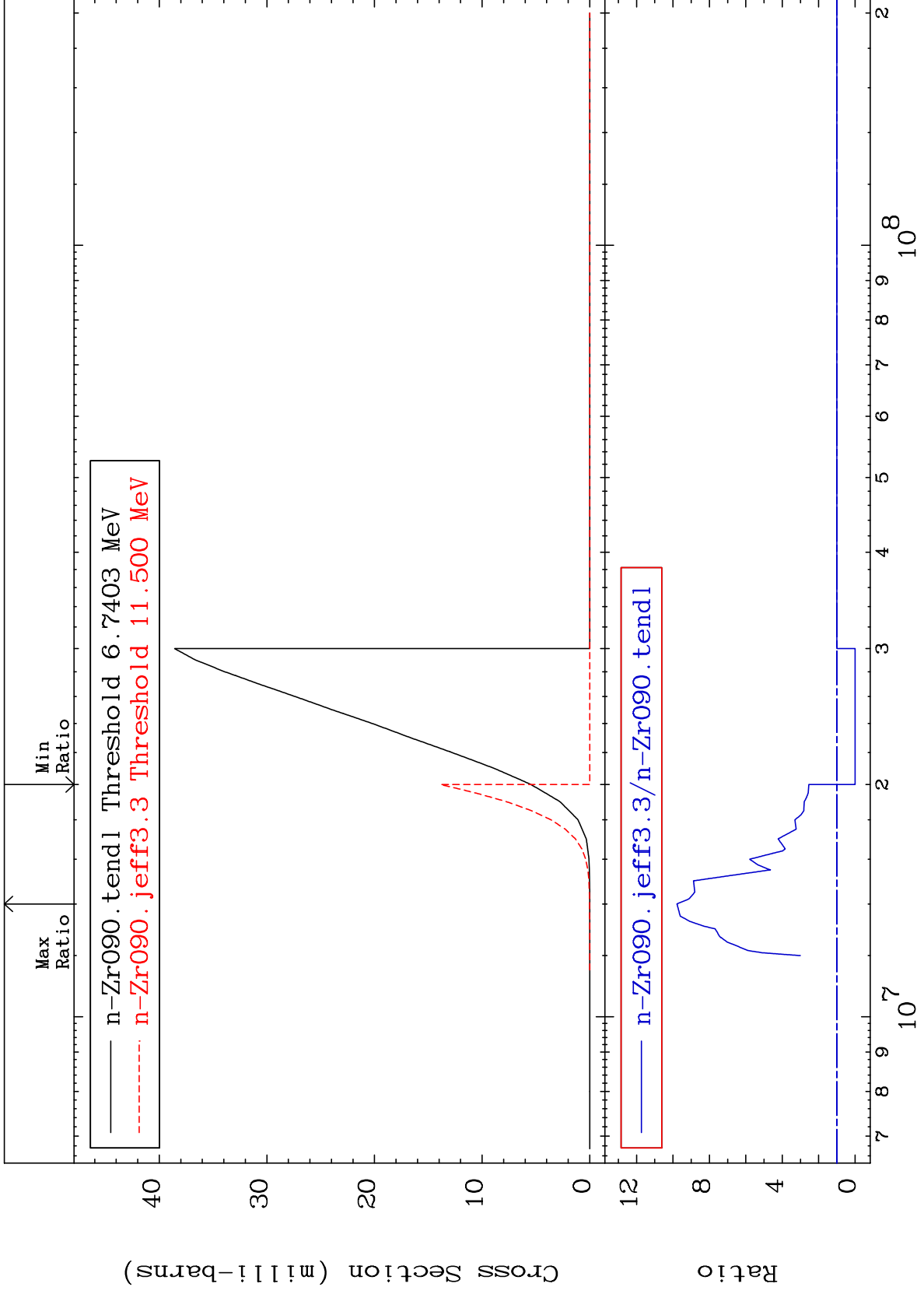
-100.0 To 8.396 %



MAT 4025

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

40-Zr-90  
-100.0 To 878.3 %



6

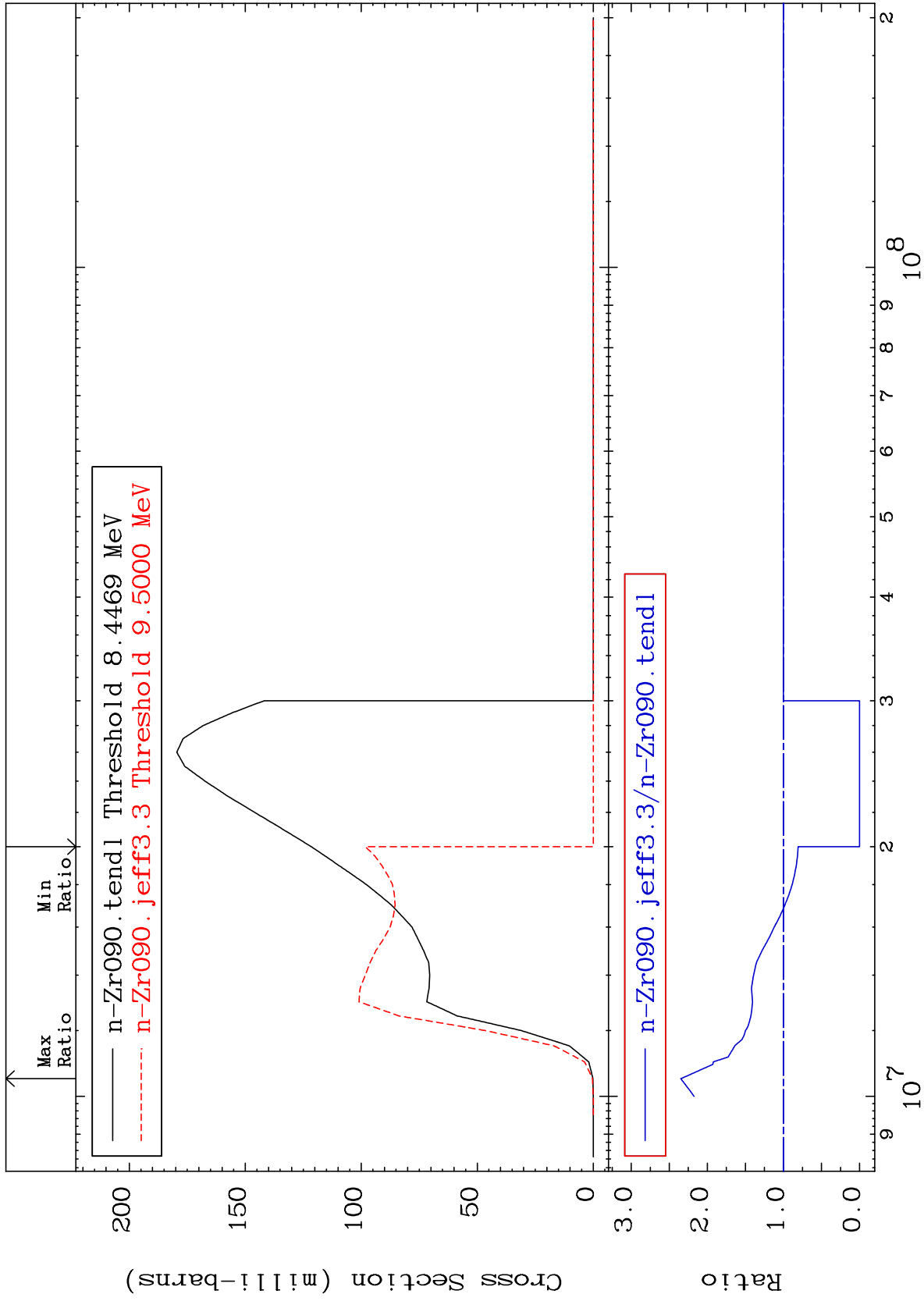
Incident Energy (eV)

40-Zr-90

MAT 4025

(n,n') p  
Cross Section

40-Zr-90  
-100.0 To 134.9 %



7

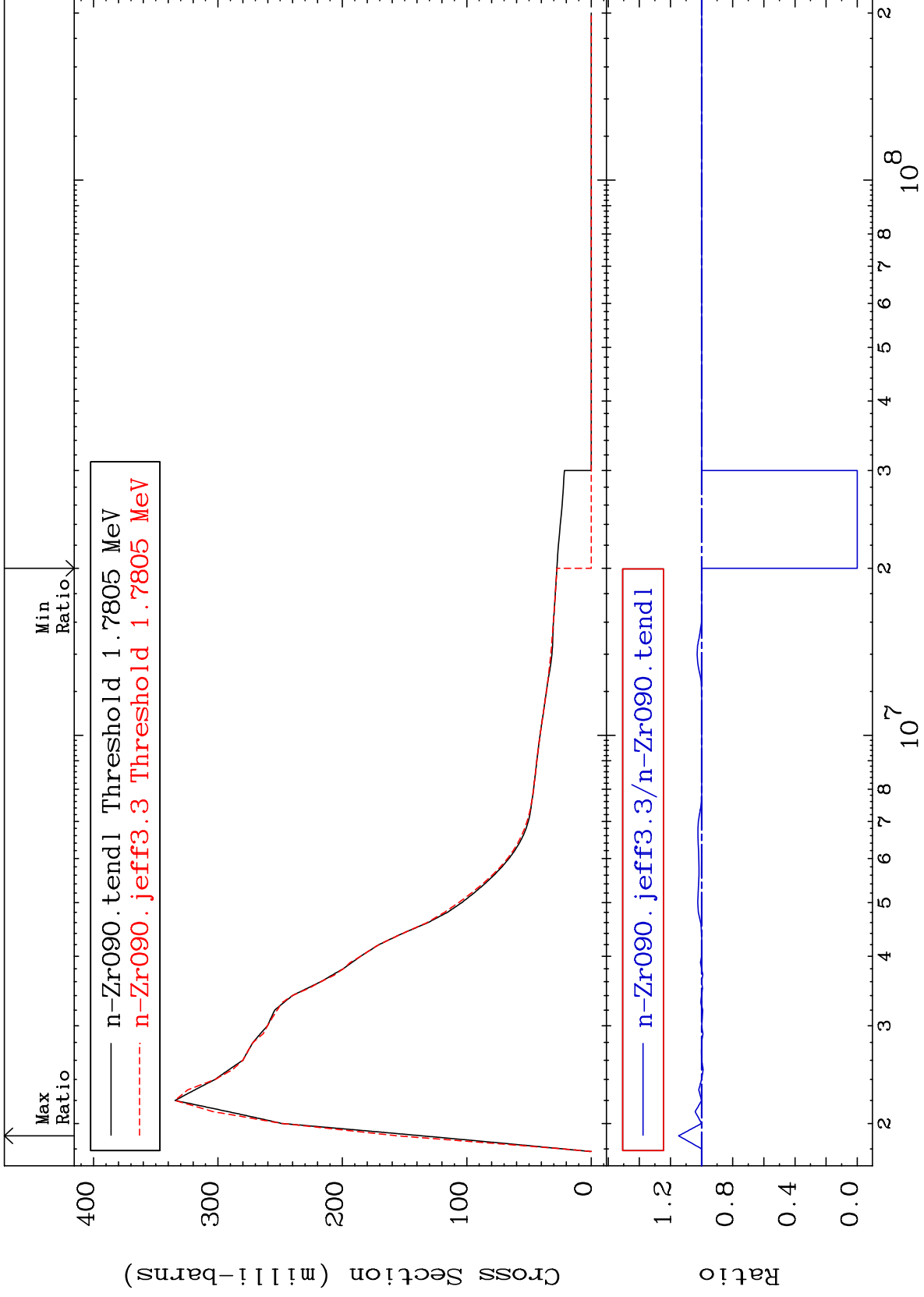
Incident Energy (eV)

40-Zr-90

MAT 4025

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

40-Zr-90  
-100.0 To 14.74 %

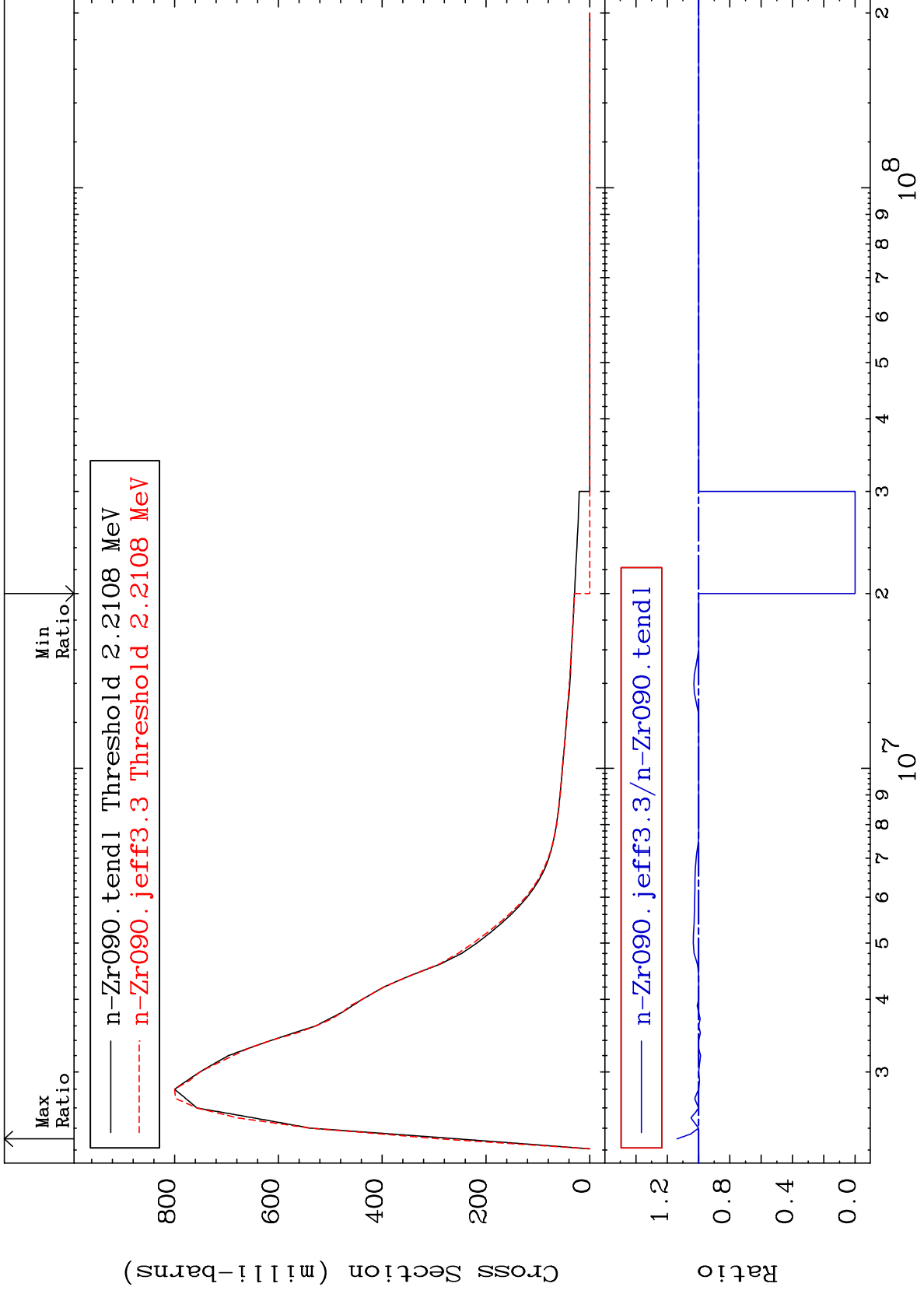




MAT 4025

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

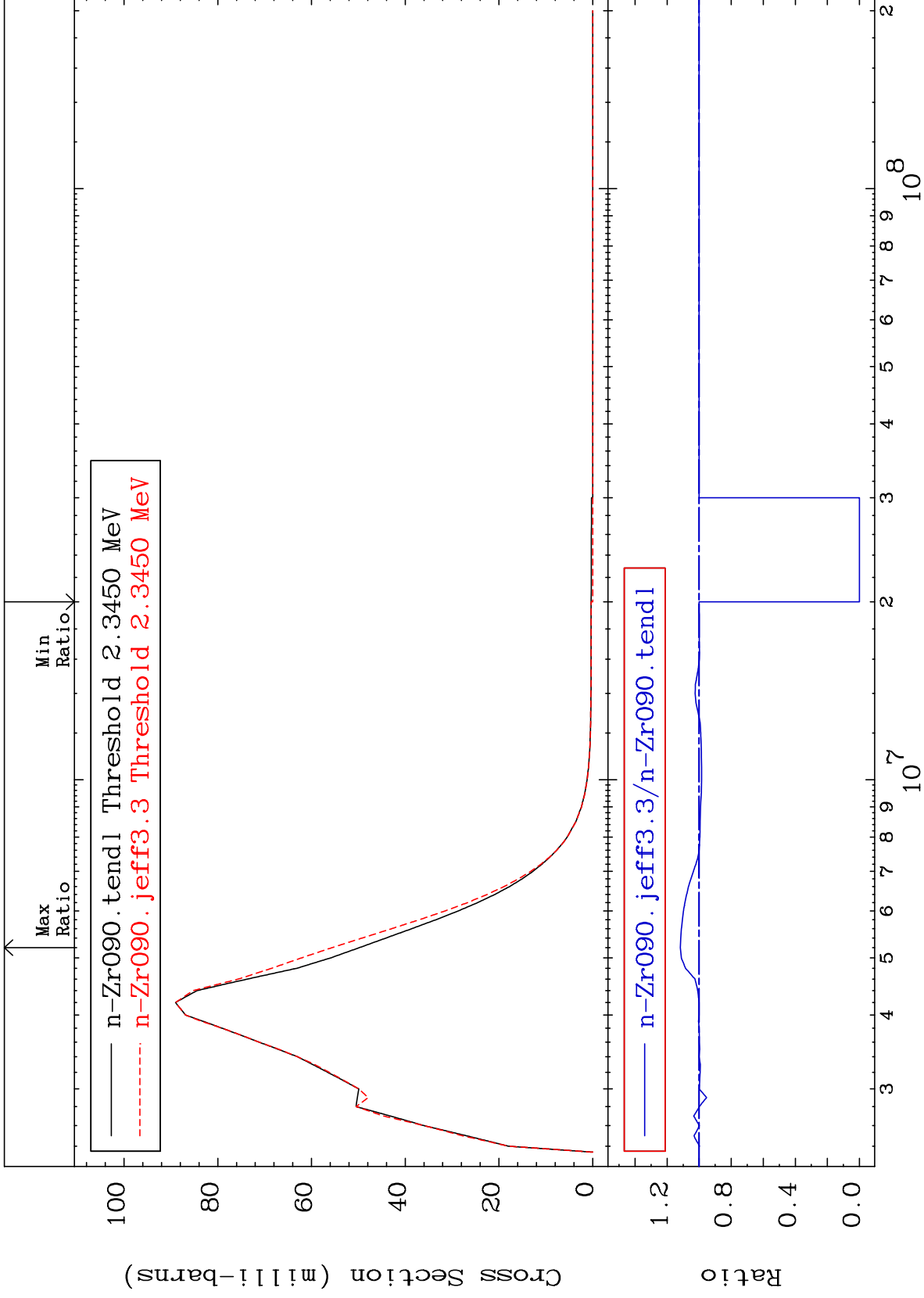
40-Zr-90  
-100.0 To 13.83 %



MAT 4025

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

40-Zr-90  
-100.0 To 11.73 %



10

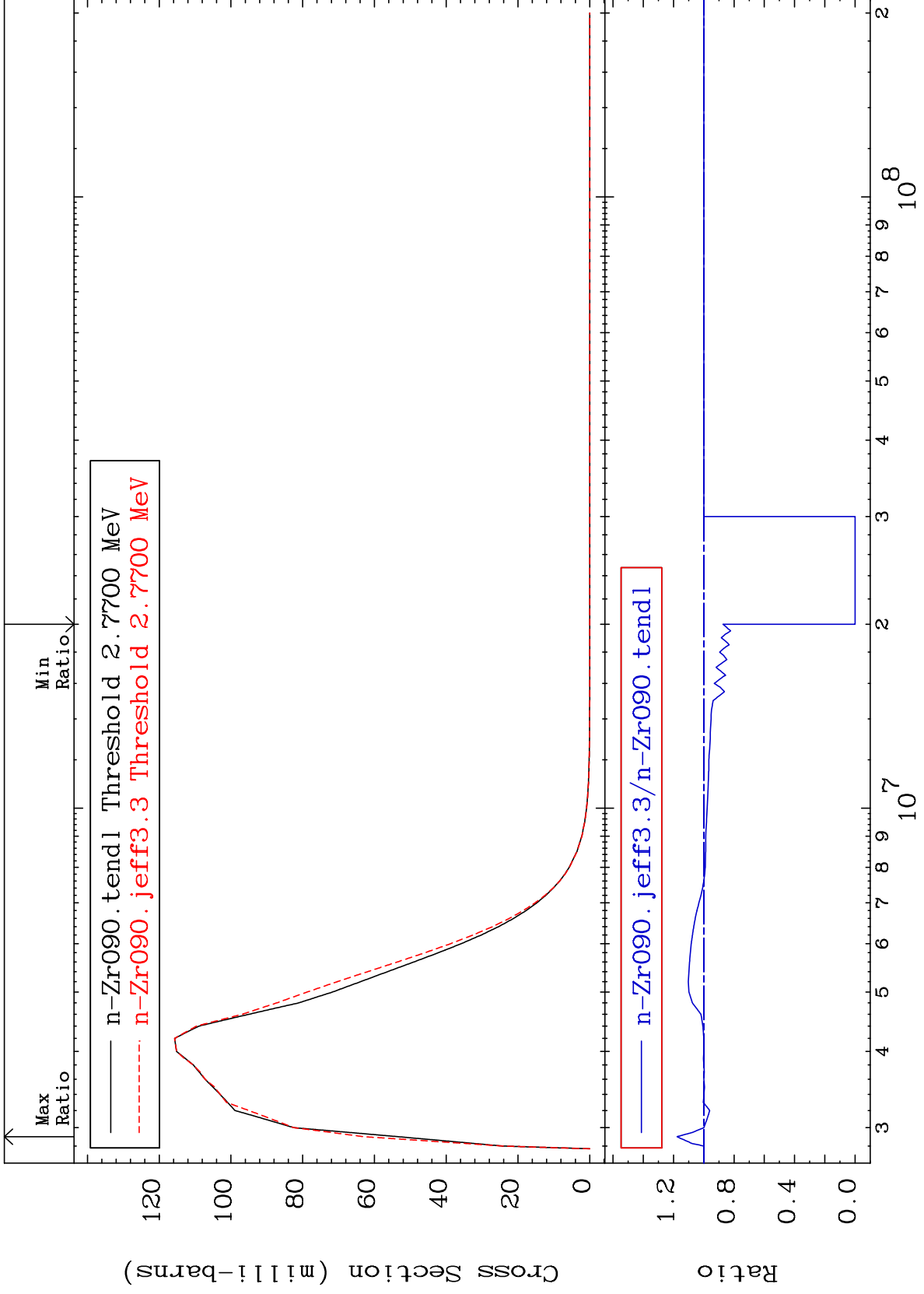
Incident Energy (eV)

40-Zr-90

MAT 4025

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

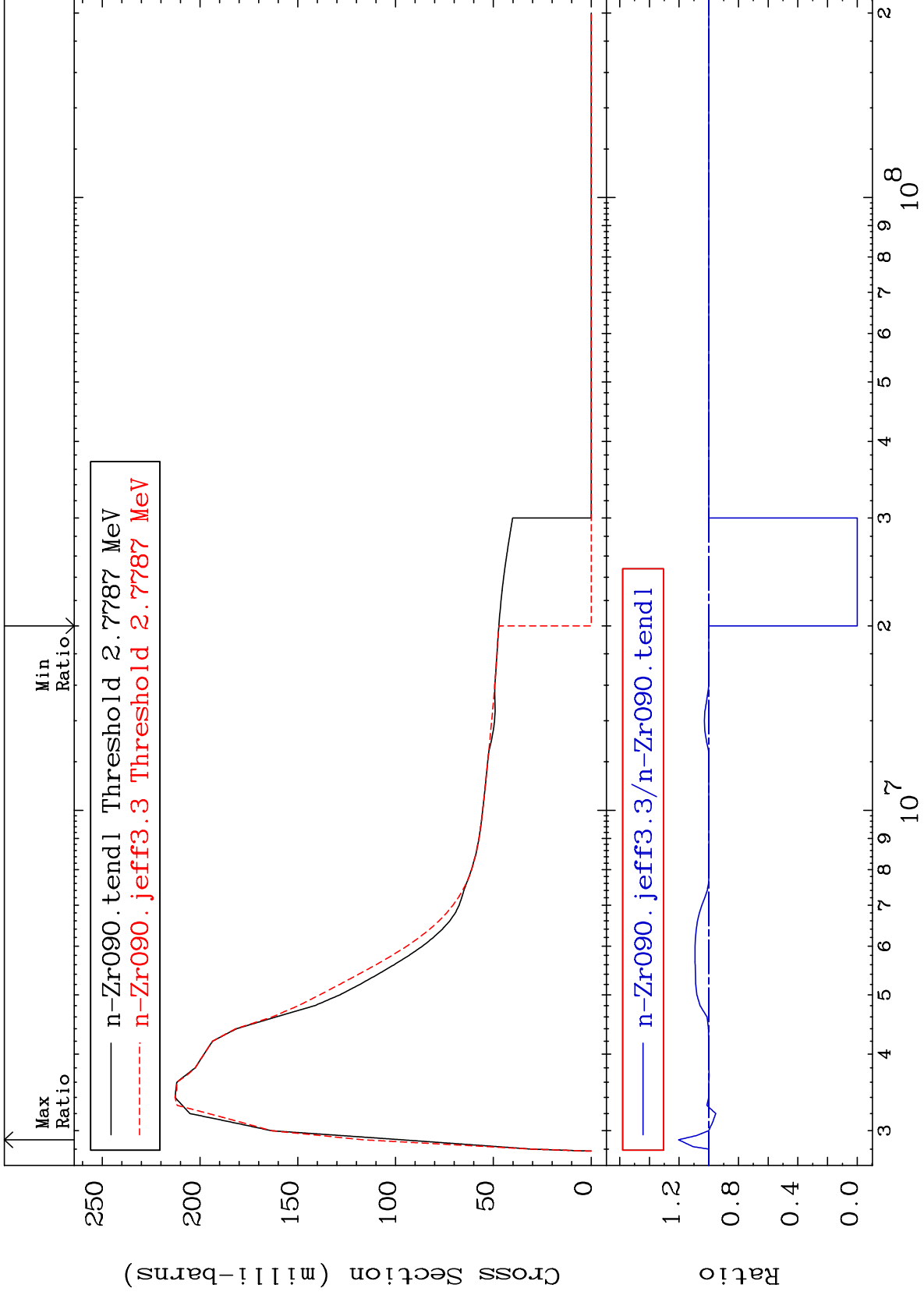
40-Zr-90  
-100.0 To 17.76 %



MAT 4025

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

40-Zr-90  
-100.0 To 20.30 %



12

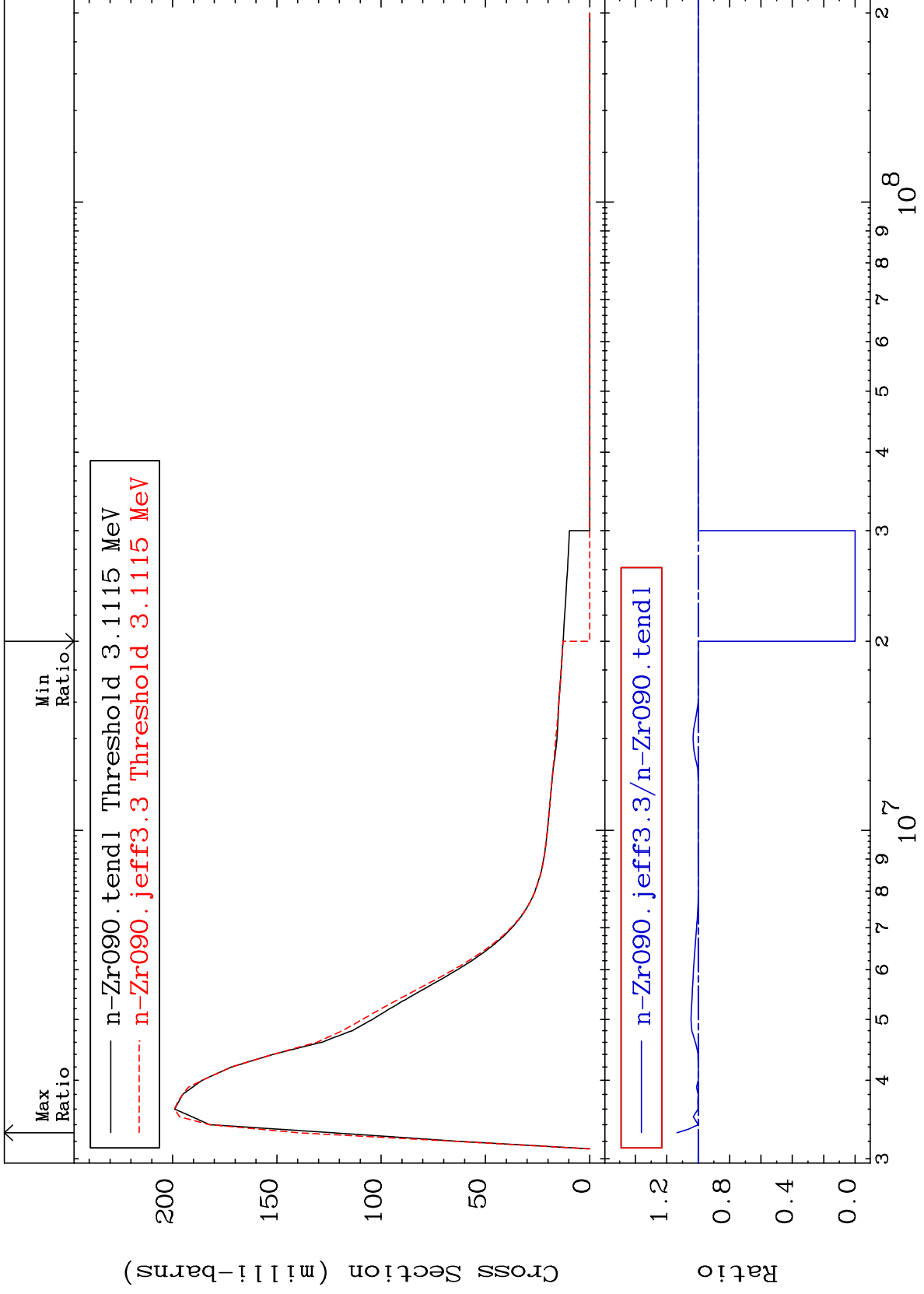
Incident Energy (eV)

40-Zr-90

MAT 4025

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

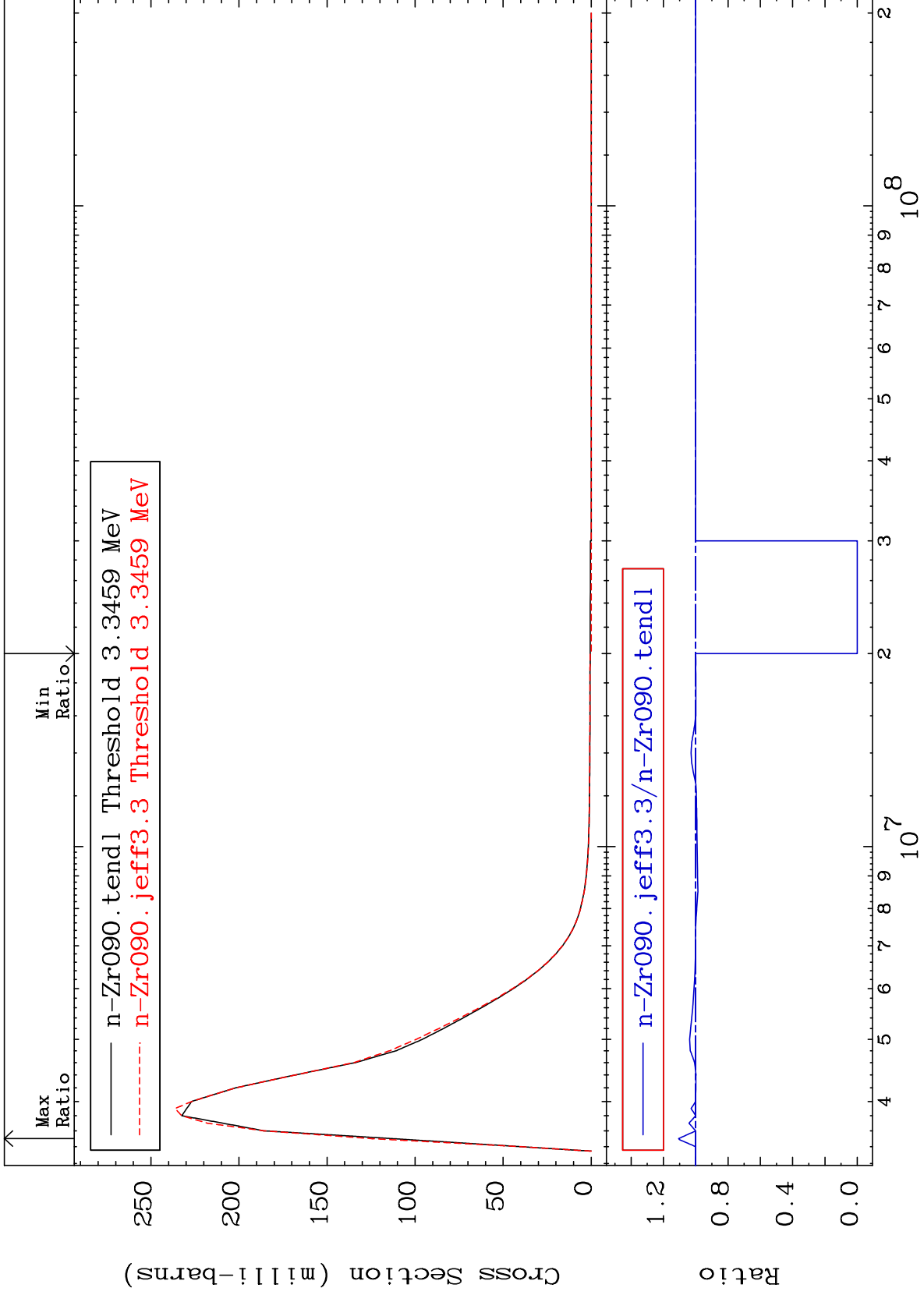
40-Zr-90  
-100.0 To 13.54 %



MAT 4025

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

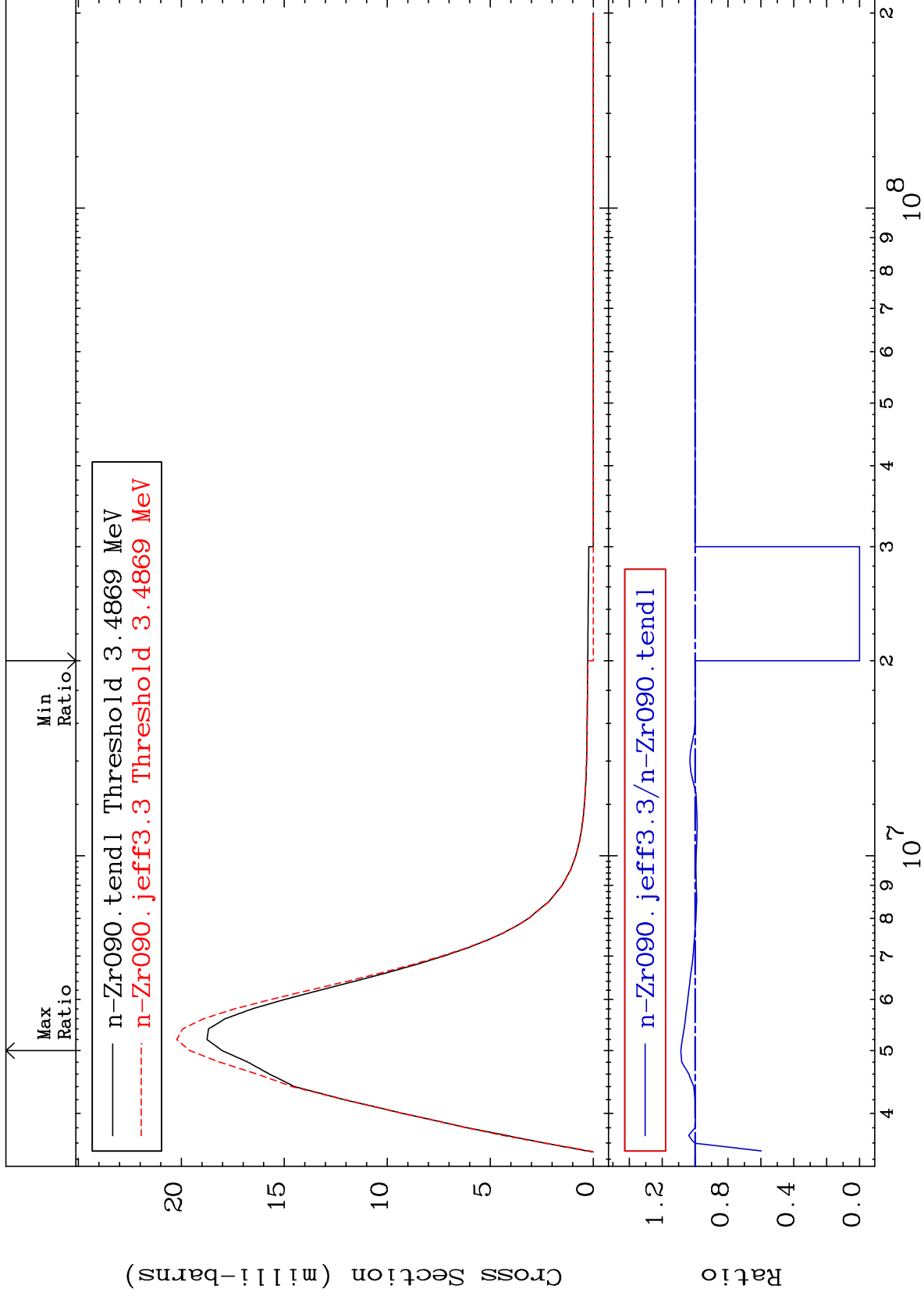
40-Zr-90  
-100.0 To 10.58 %



MAT 4025

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

40-Zr-90  
-100.0 To 8.744 %



15

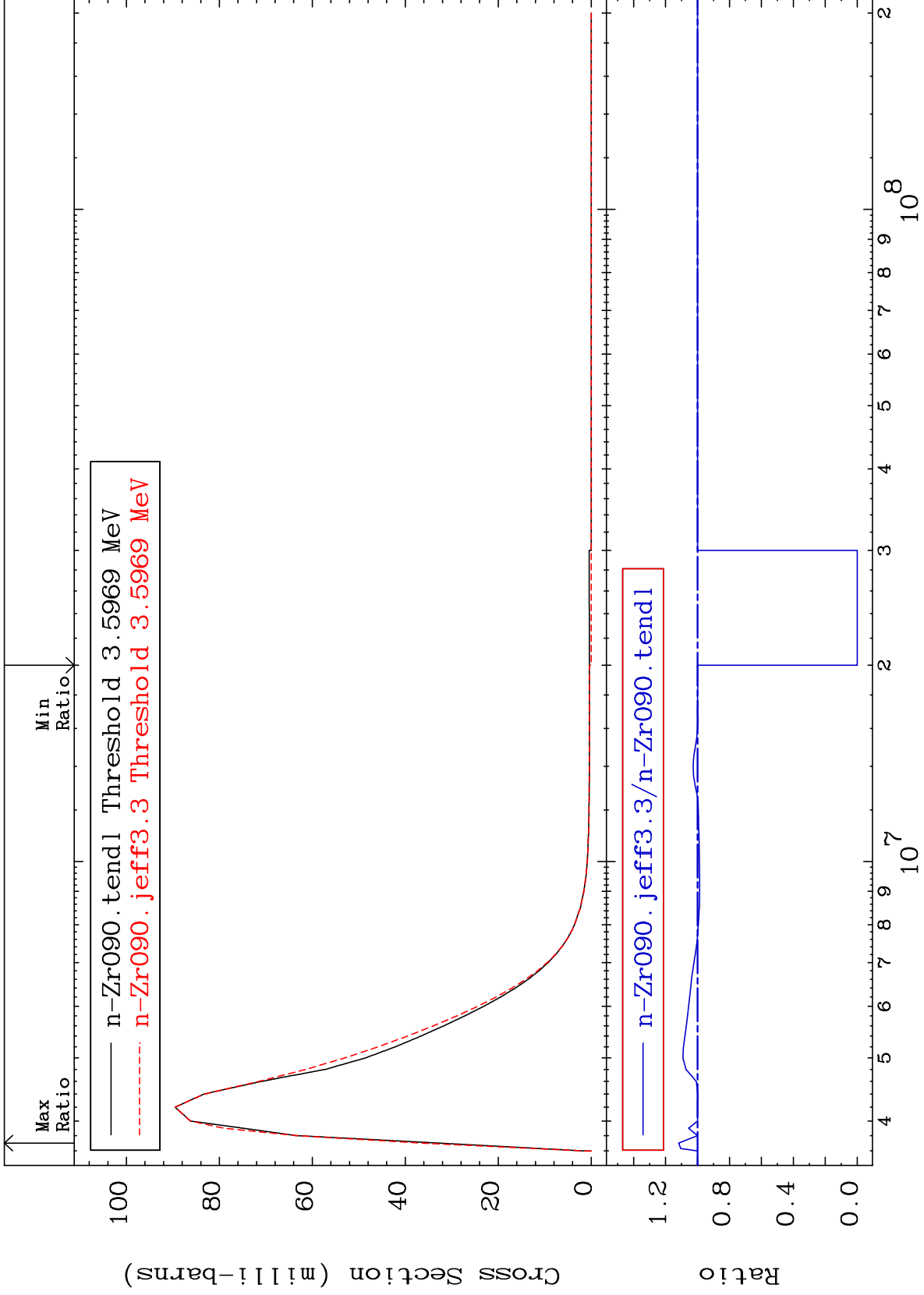
40-Zr-90

40-Zr-90

MAT 4025

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

40-Zr-90  
-100.0 To 11.82 %

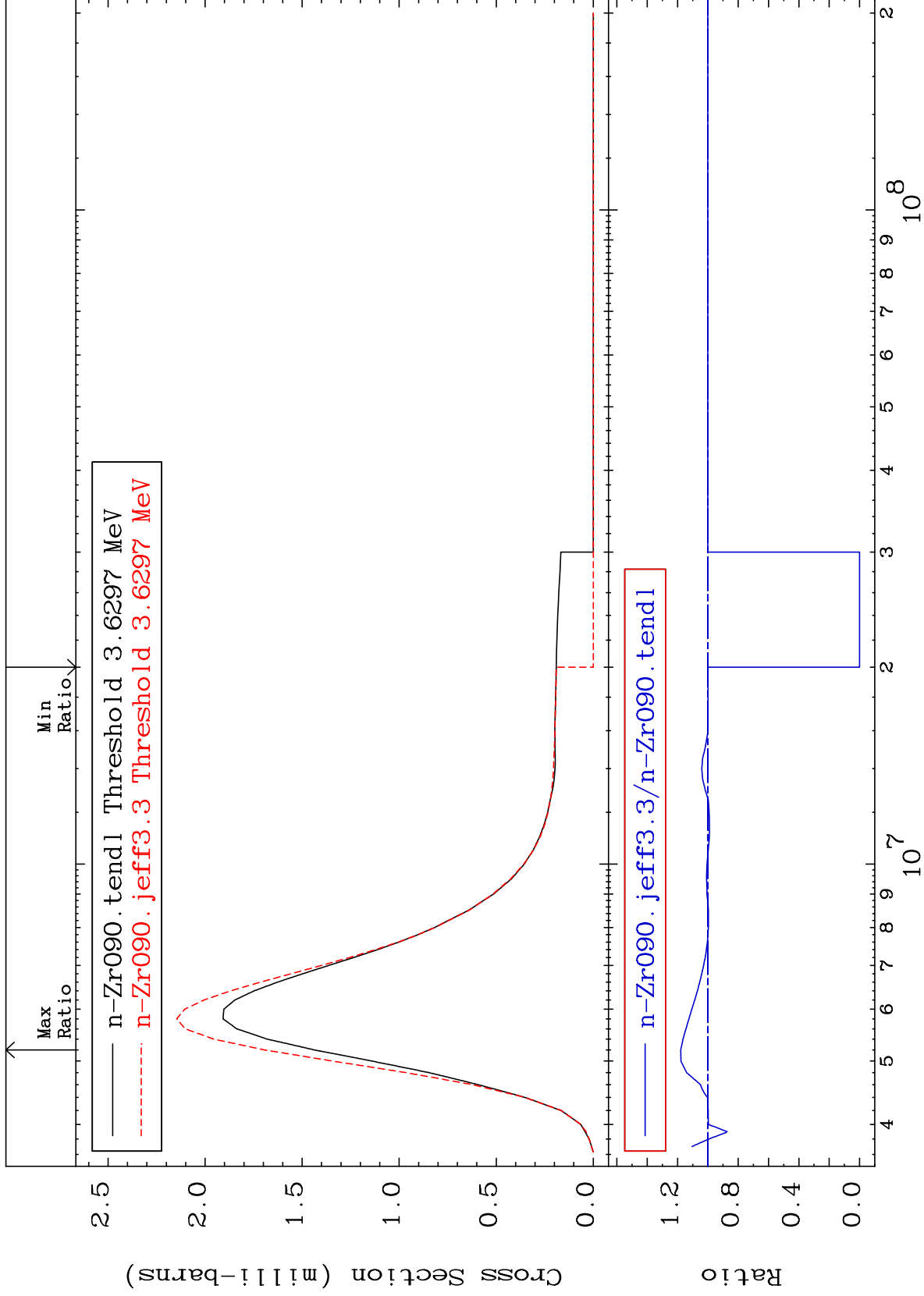




MAT 4025

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

40-Zr-90  
-100.0 To 17.87 %



17

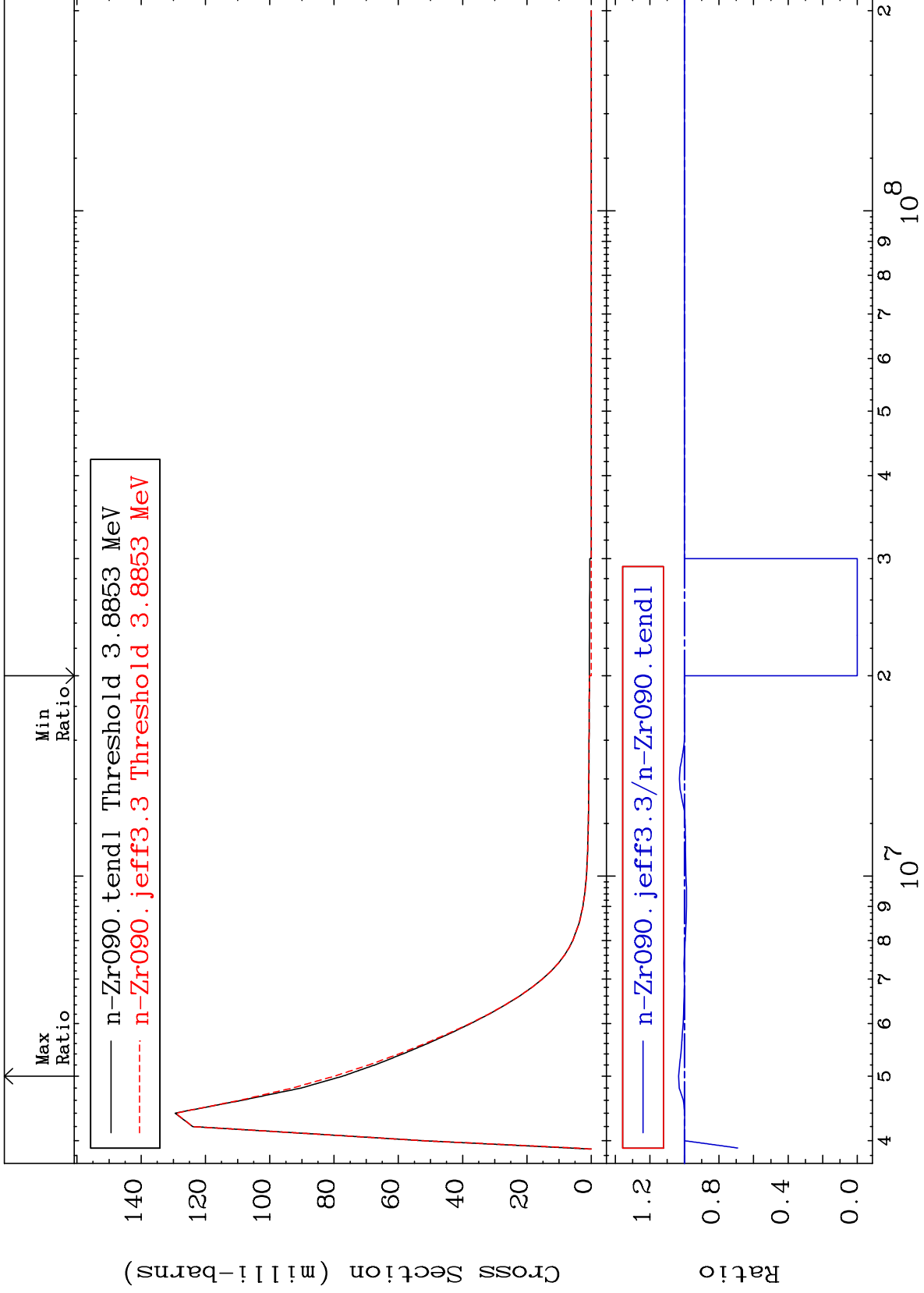
Incident Energy (eV)

40-Zr-90

MAT 4025

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

40-Zr-90  
-100.0 To 3.349 %



18

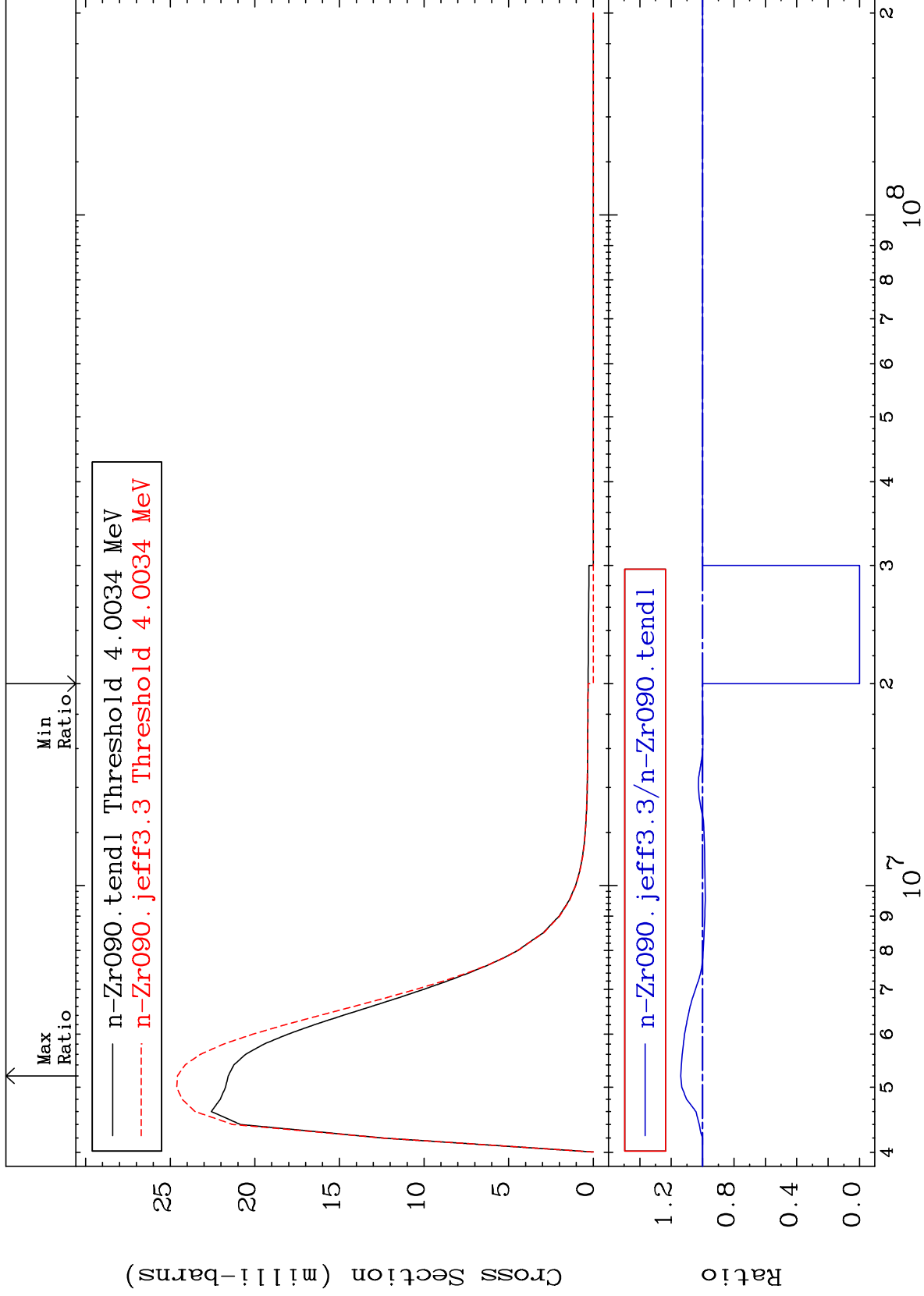
Incident Energy (eV)

40-Zr-90

MAT 4025

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

40-Zr-90  
-100.0 To 13.92 %



19

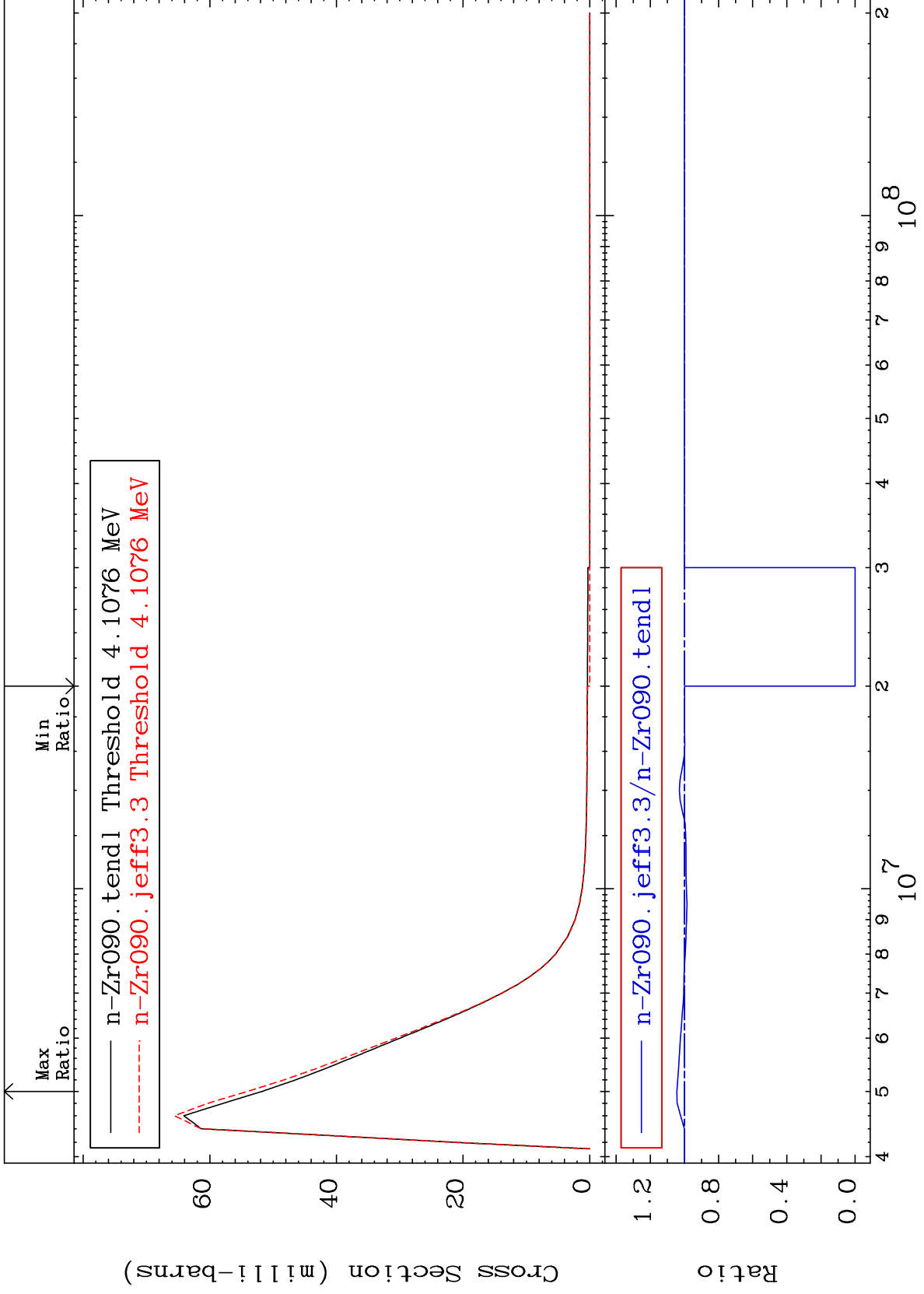
Incident Energy (eV)

40-Zr-90

MAT 4025

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

40-Zr-90  
-100.0 To 4.409 %



20

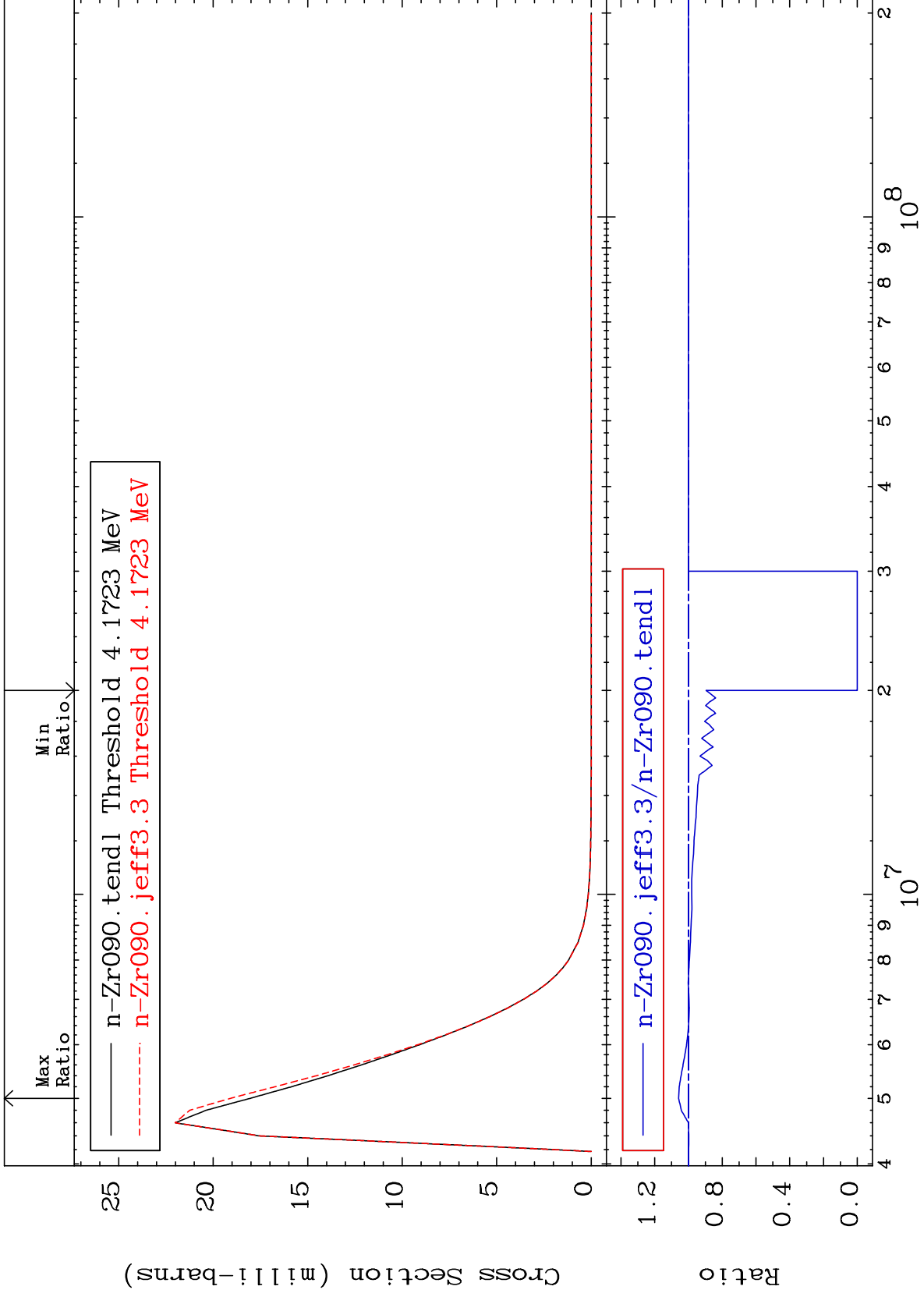
Incident Energy (eV)

40-Zr-90

MAT 4025

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

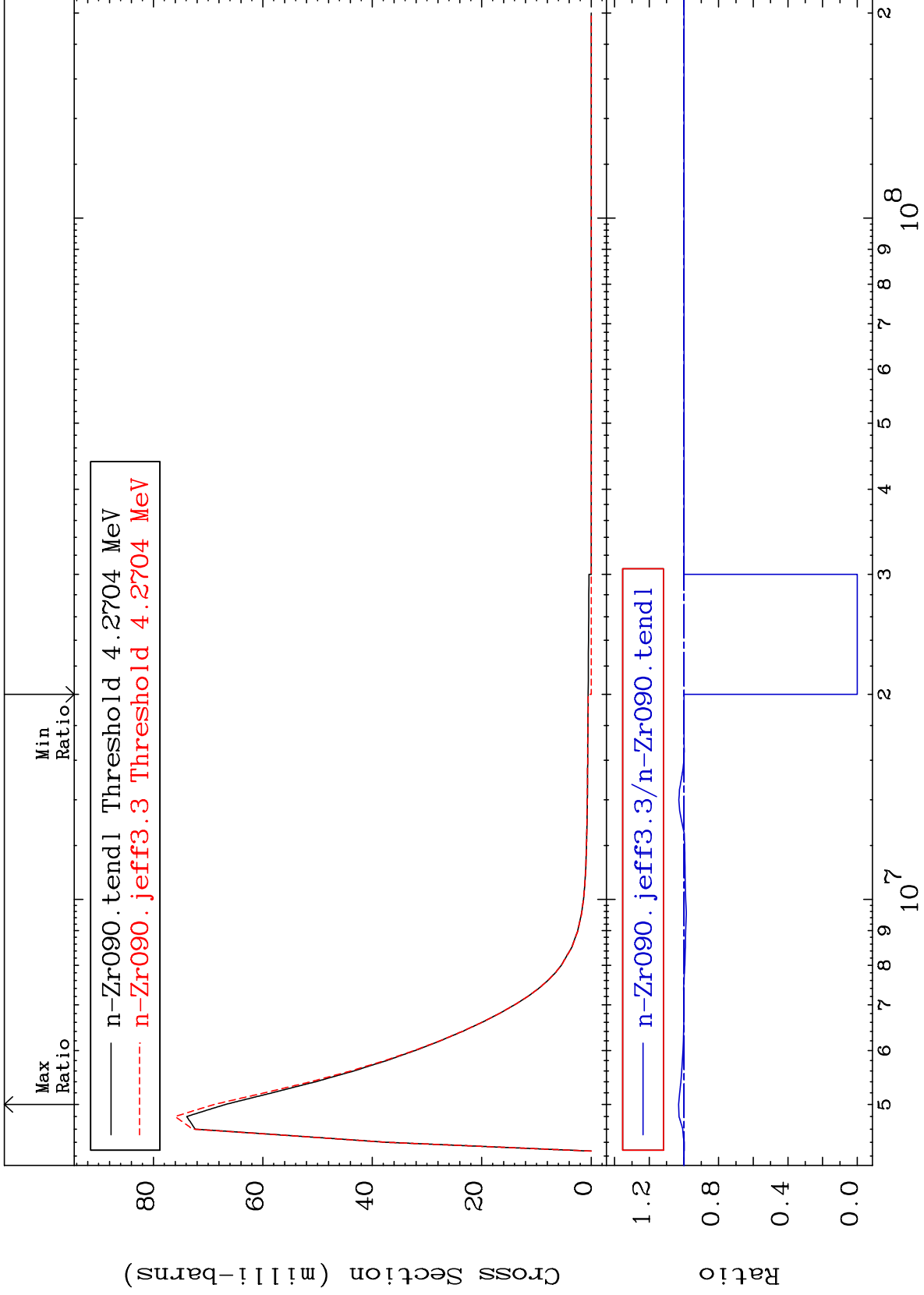
40-Zr-90  
-100.0 To 5.823 %



MAT 4025

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

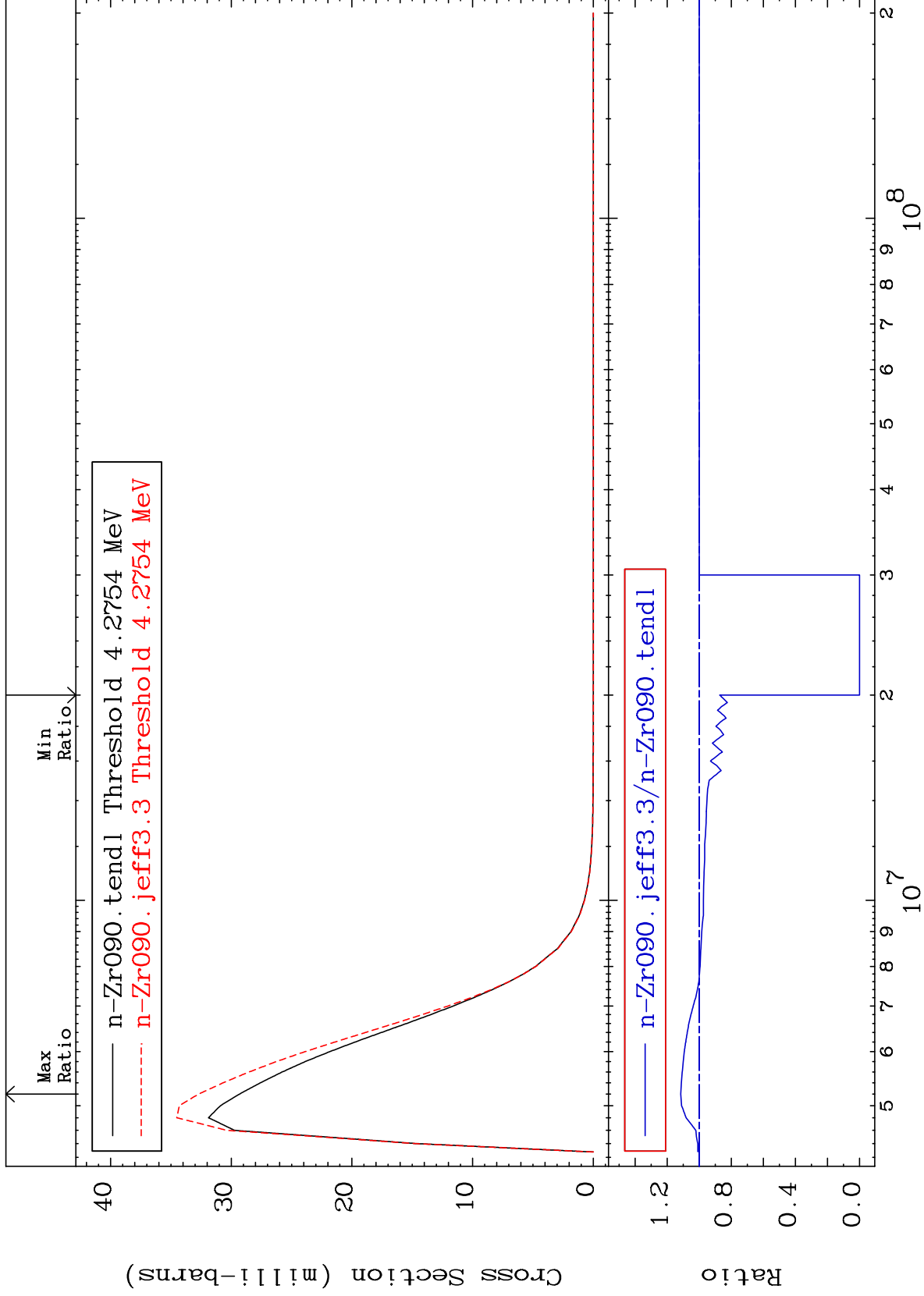
40-Zr-90  
-100.0 To 3.061 %



MAT 4025

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

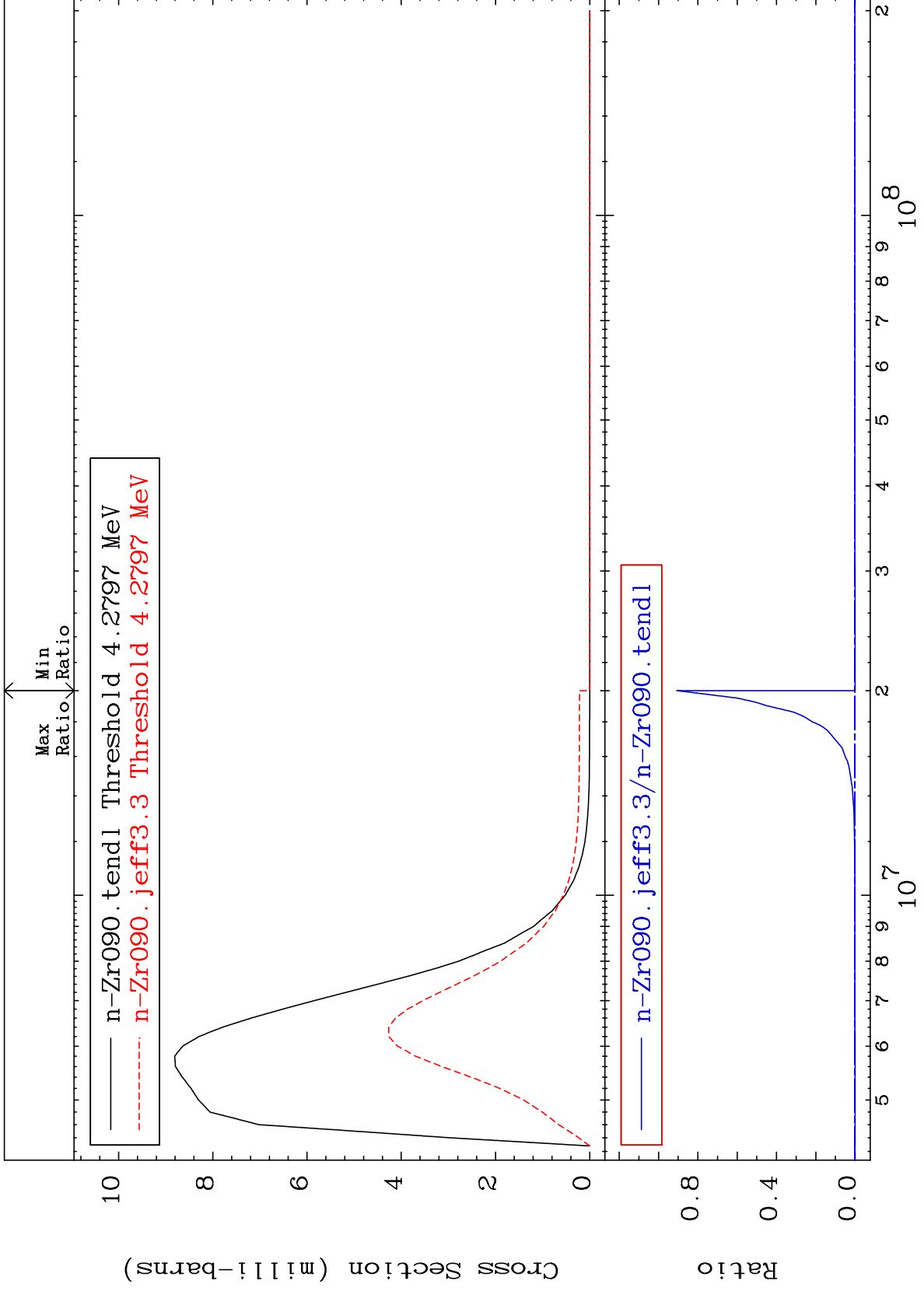
40-Zr-90  
-100.0 To 11.55 %



MAT 4025

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

40-Zr-90  
-100.0 To 9999. %

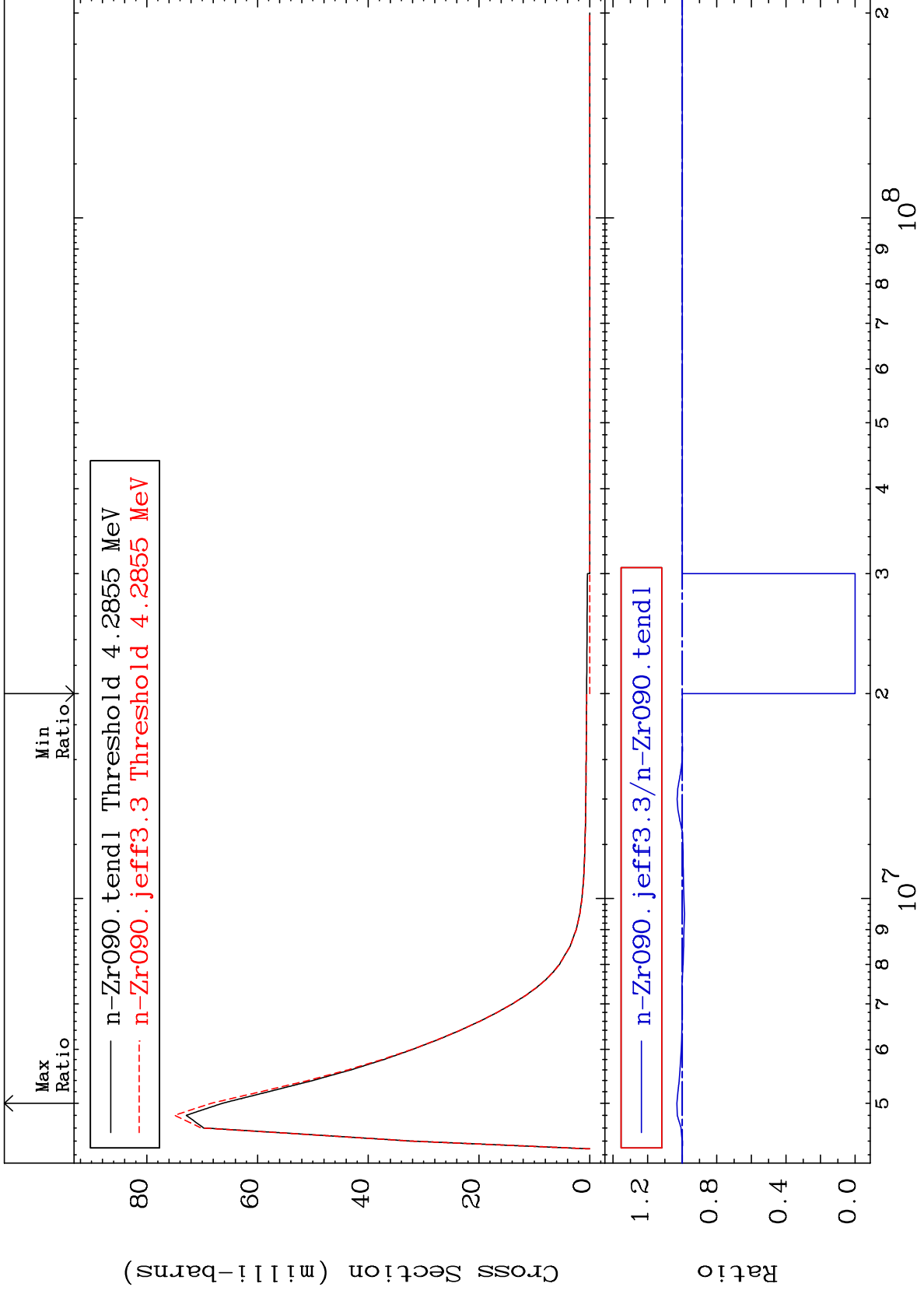




MAT 4025

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

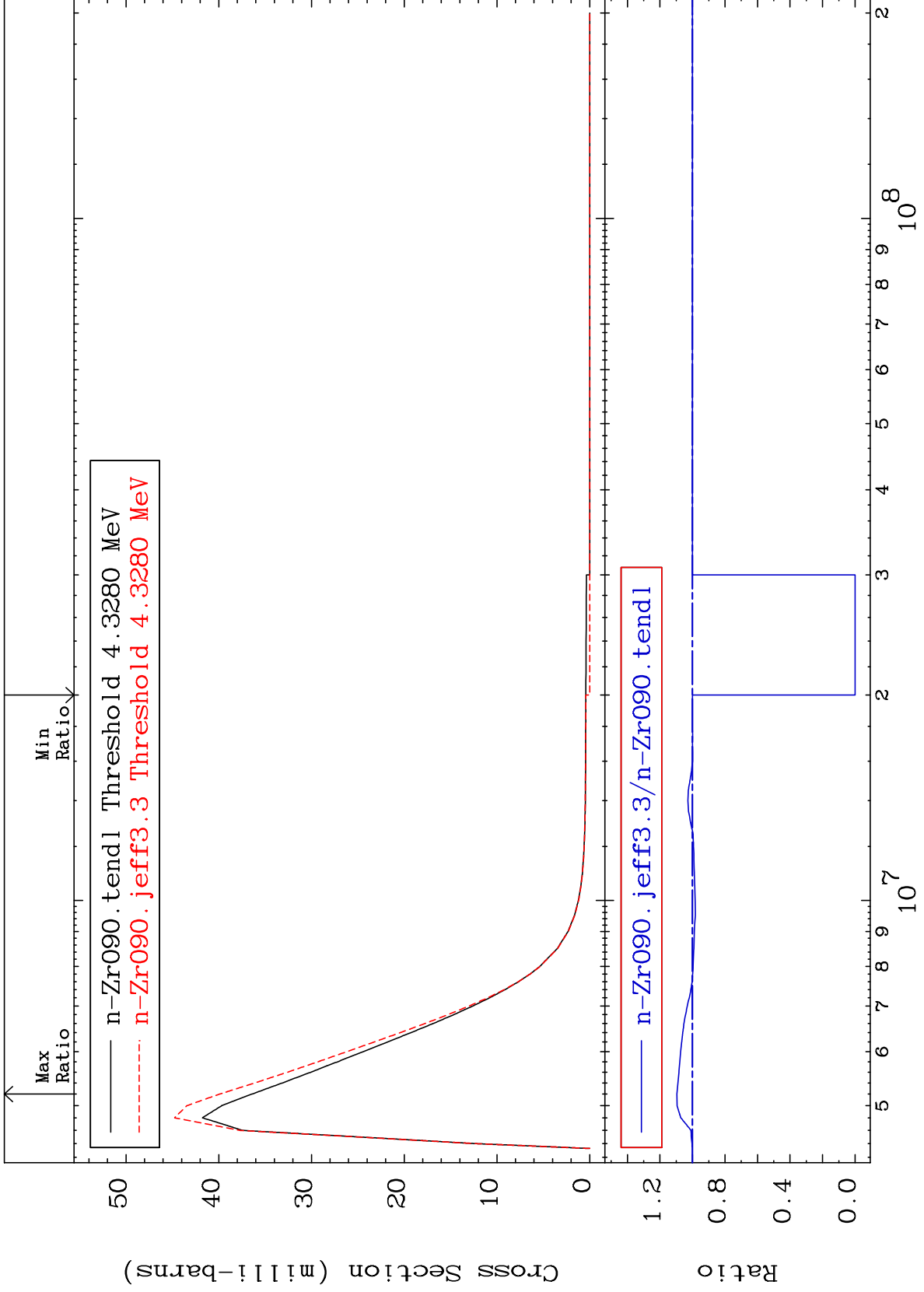
40-Zr-90  
-100.0 To 3.052 %



MAT 4025

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

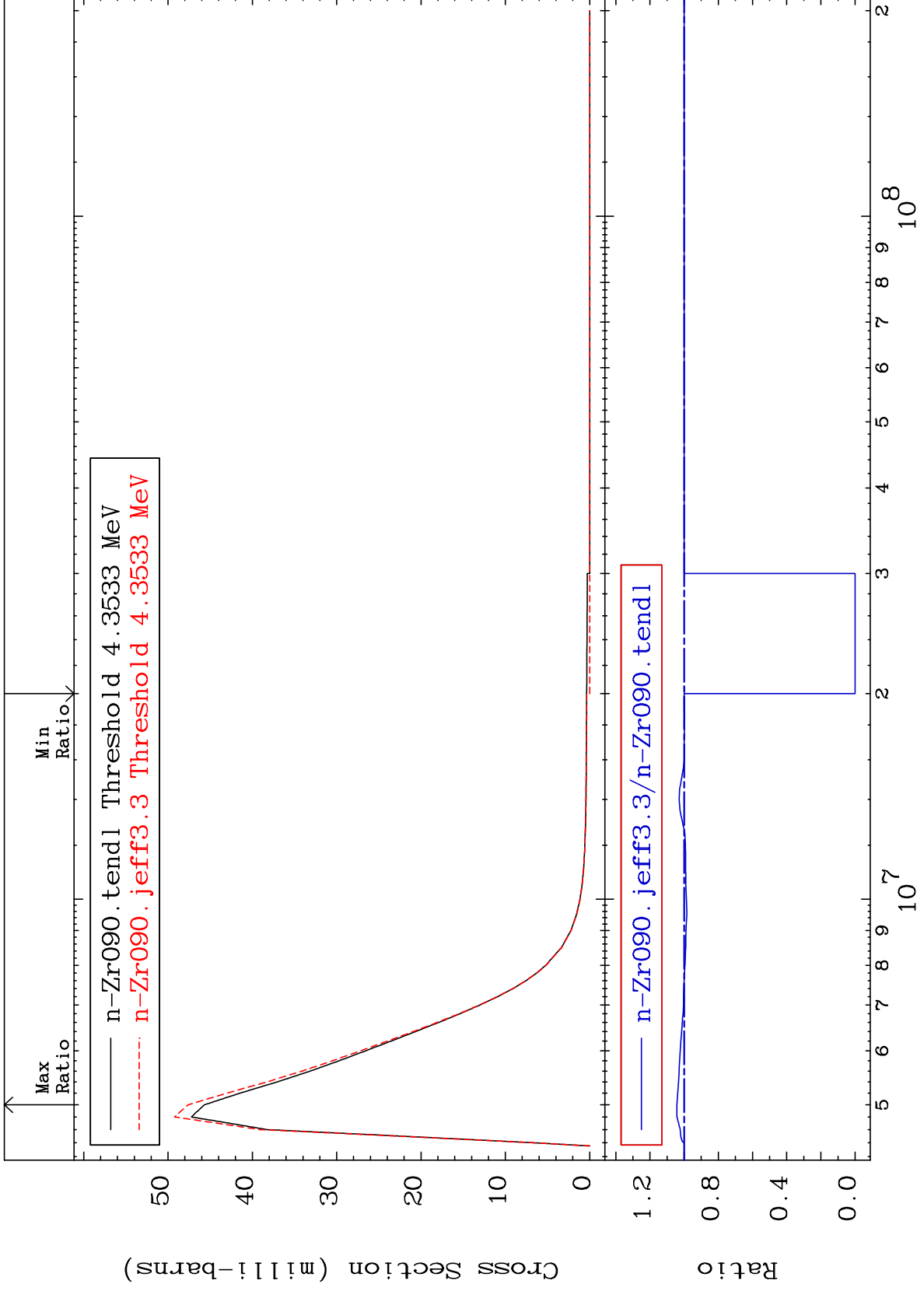
40-Zr-90  
-100.0 To 9.556 %



MAT 4025

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

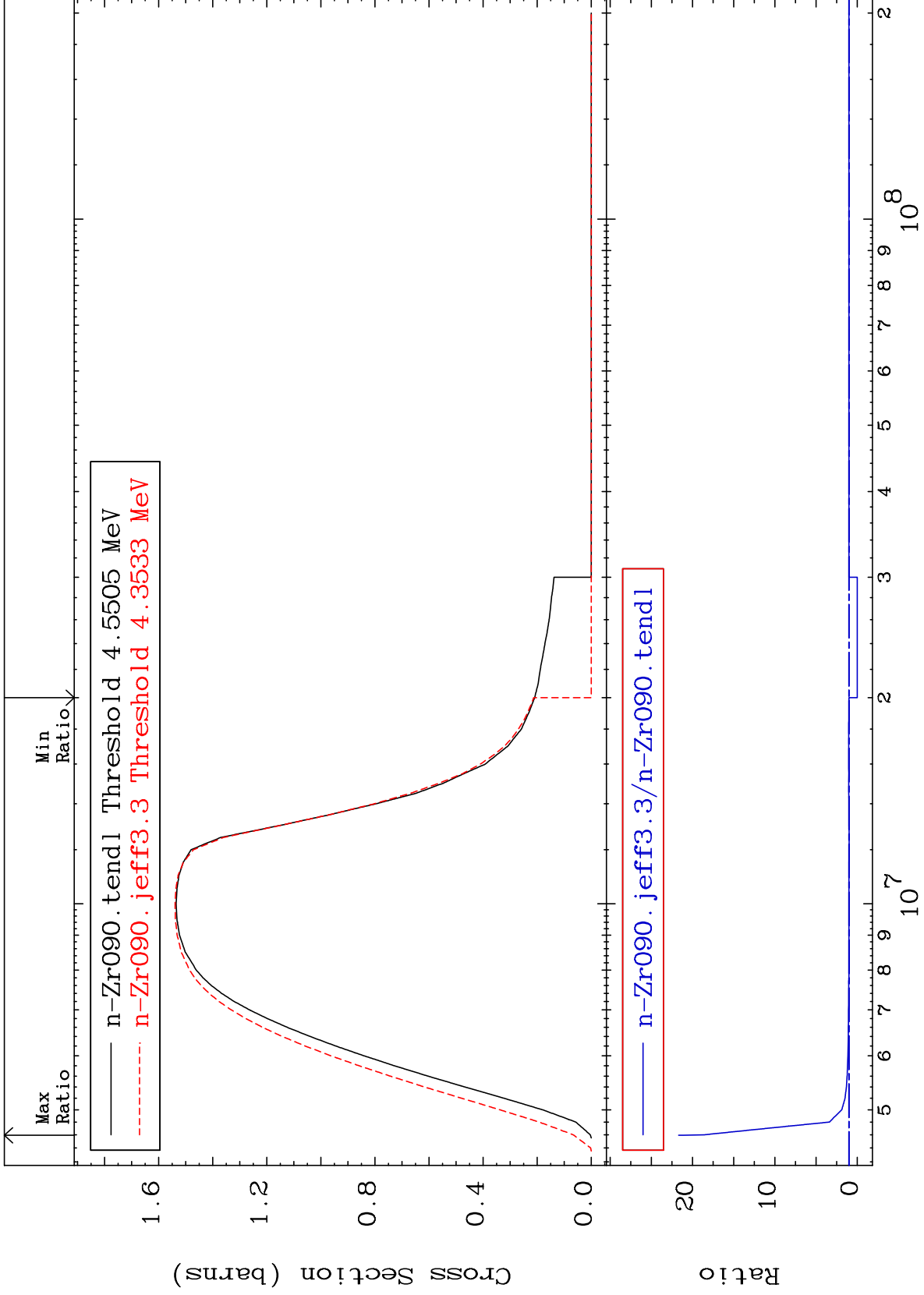
40-Zr-90  
-100.0 To 4.233 %



MAT 4025

(n, n') Continuum  
Cross Section

40-Zr-90  
-100.0 To 2069. %



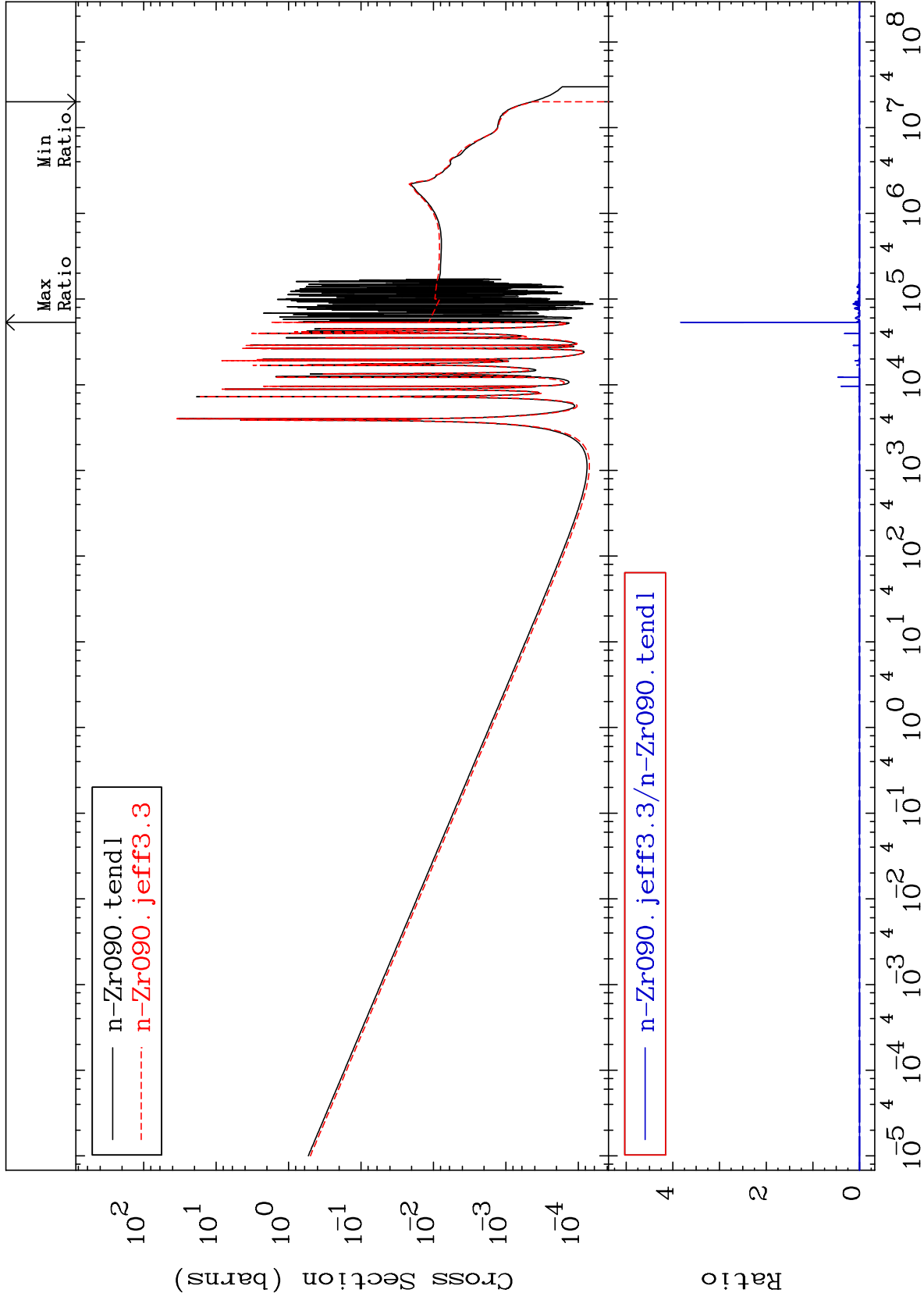
MAT 4025

(n,  $\gamma$ )

40-Zr-90

Cross Section

-100.0 To 9999. %



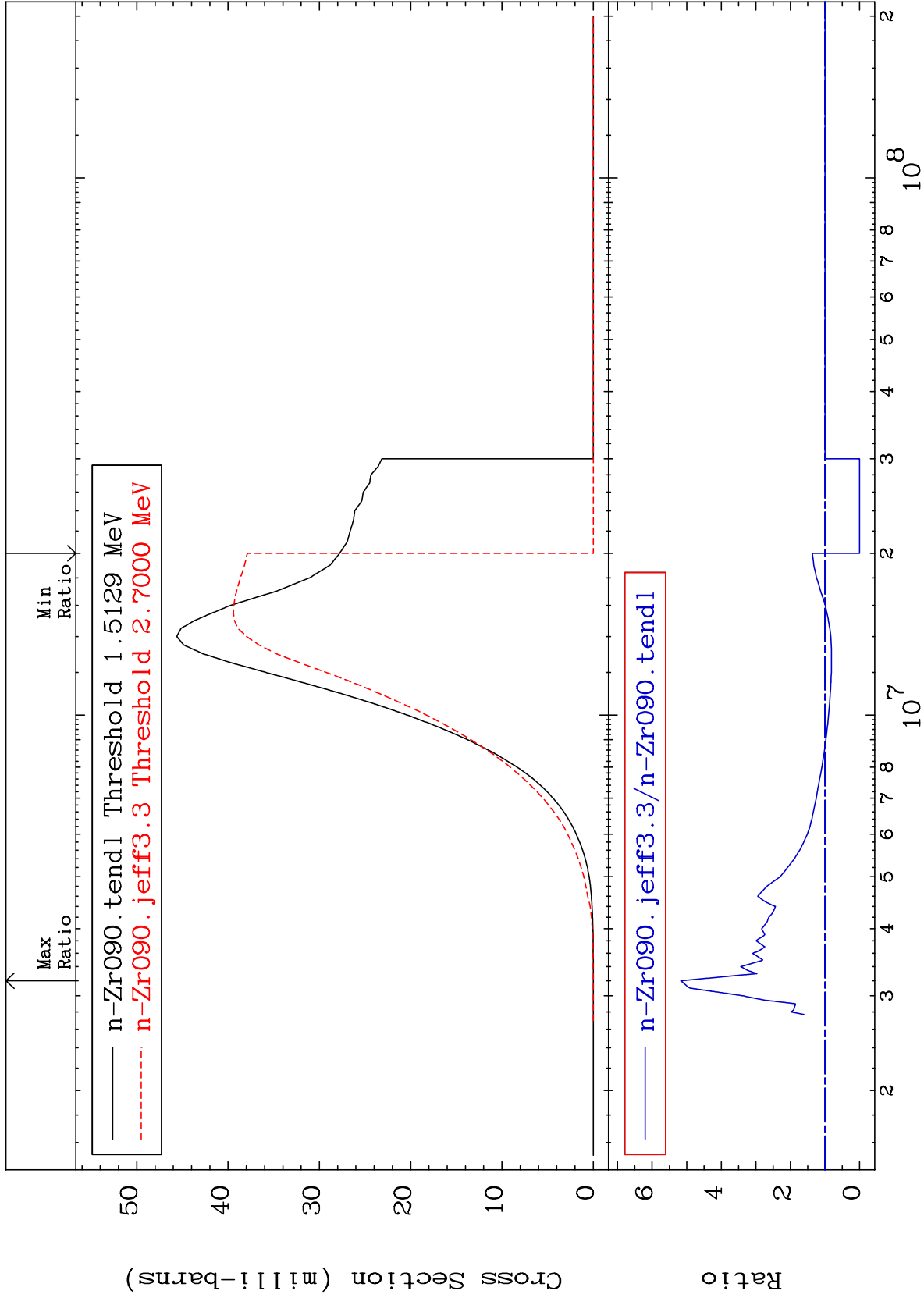
MAT 4025

(n, p)

40-Zr-90

Cross Section

-100.0 To 417.1 %



30

Incident Energy (eV)

40-Zr-90

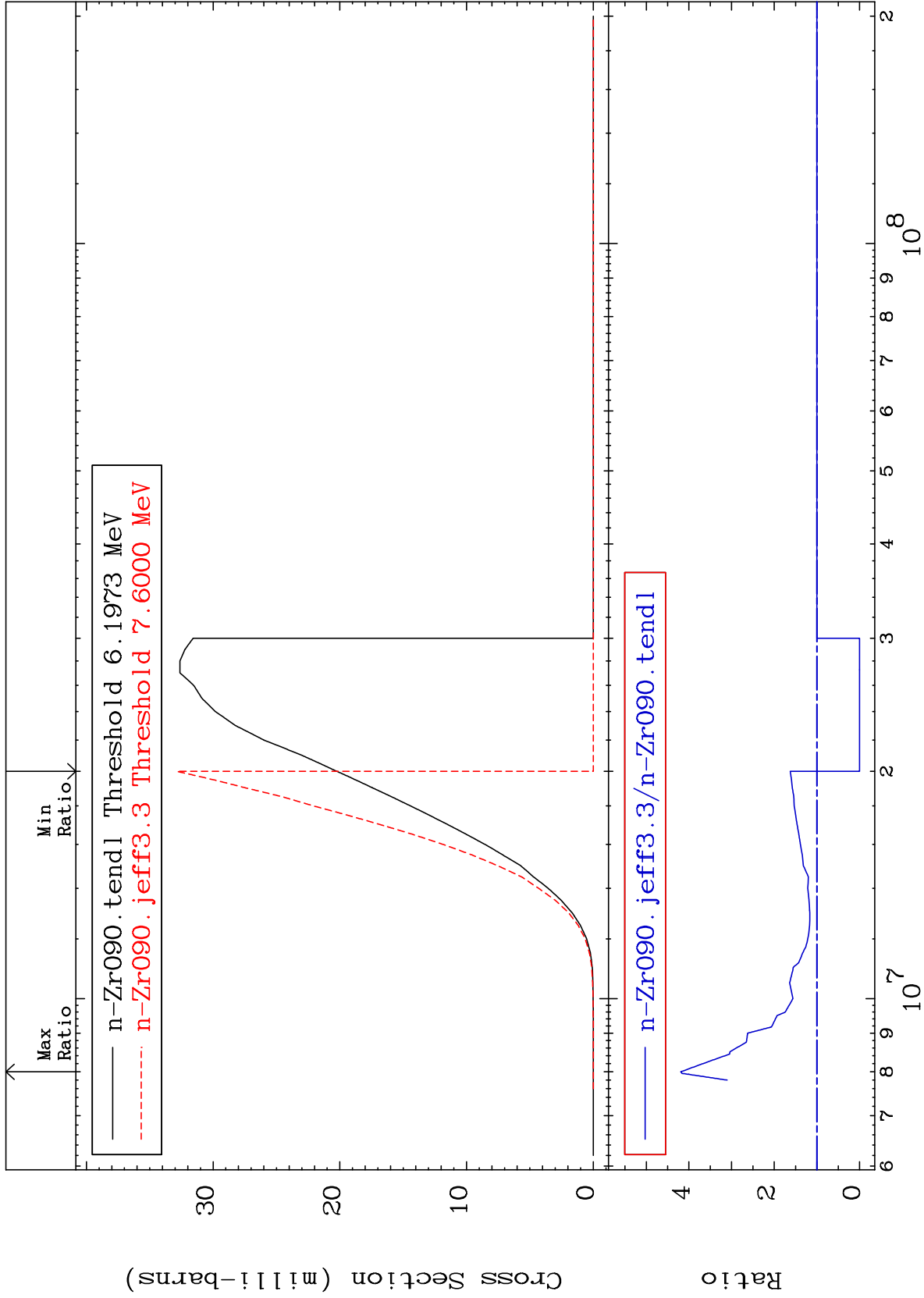
MAT 4025

(n, d)

40-Zr-90

Cross Section

-100.0 To 319.1 %



31

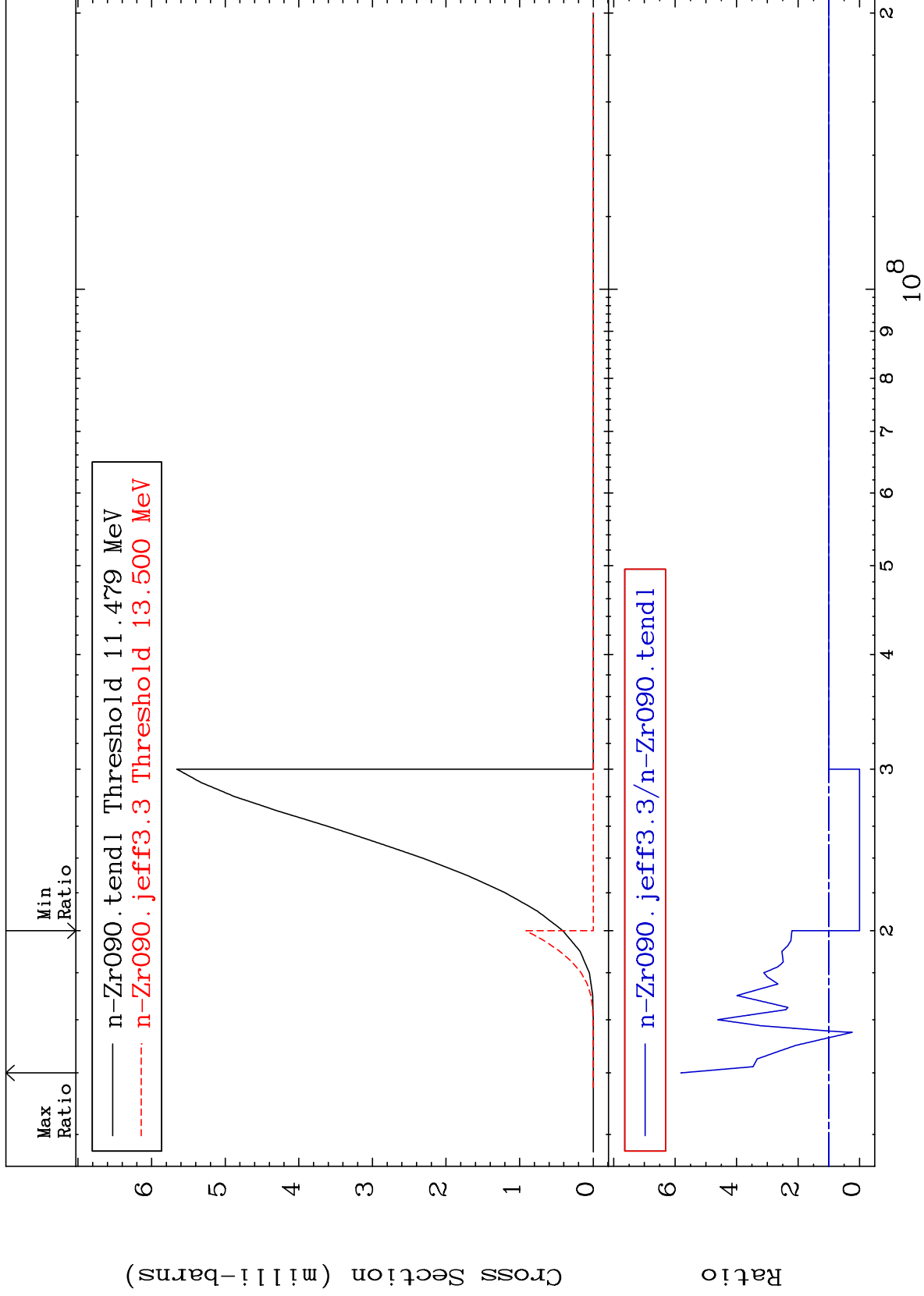
Incident Energy (eV)

40-Zr-90

MAT 4025

(n, t)  
Cross Section

40-Zr-90  
-100.0 To 481.6 %





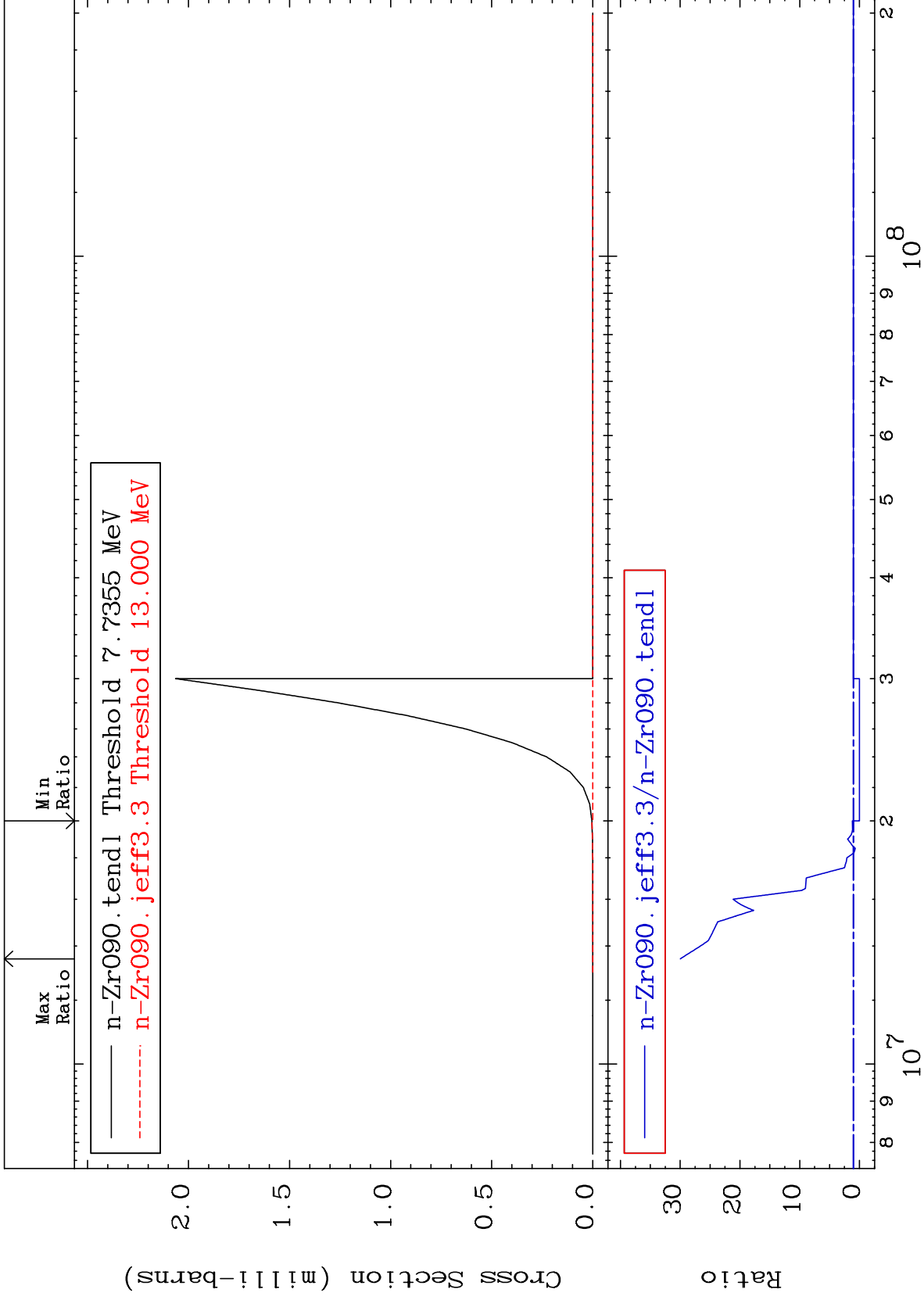
MAT 4025

(n, He-3)

40-Zr-90

Cross Section

-100.0 To 2897. %



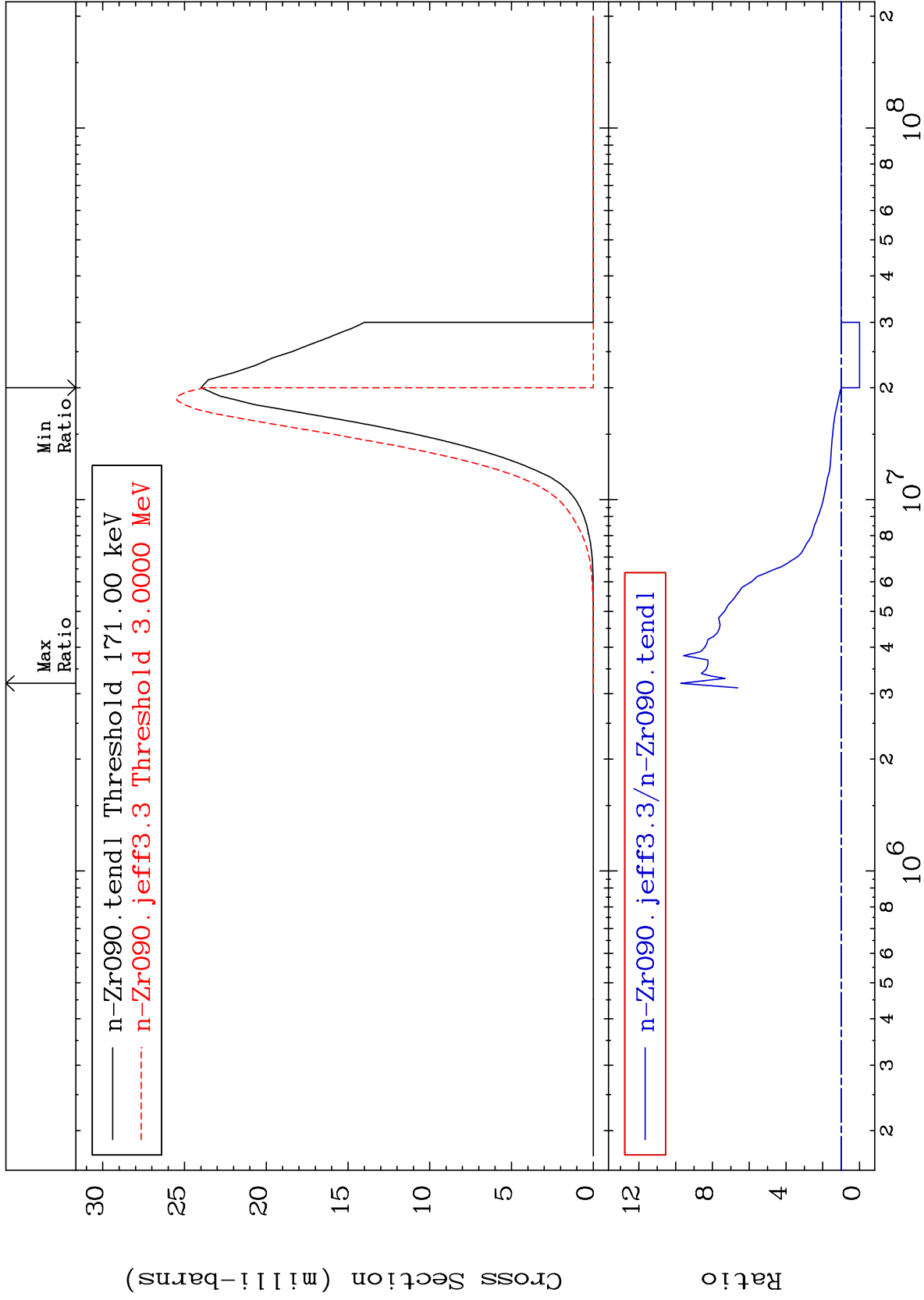
MAT 4025

(n,  $\alpha$ )

40-Zr-90

Cross Section

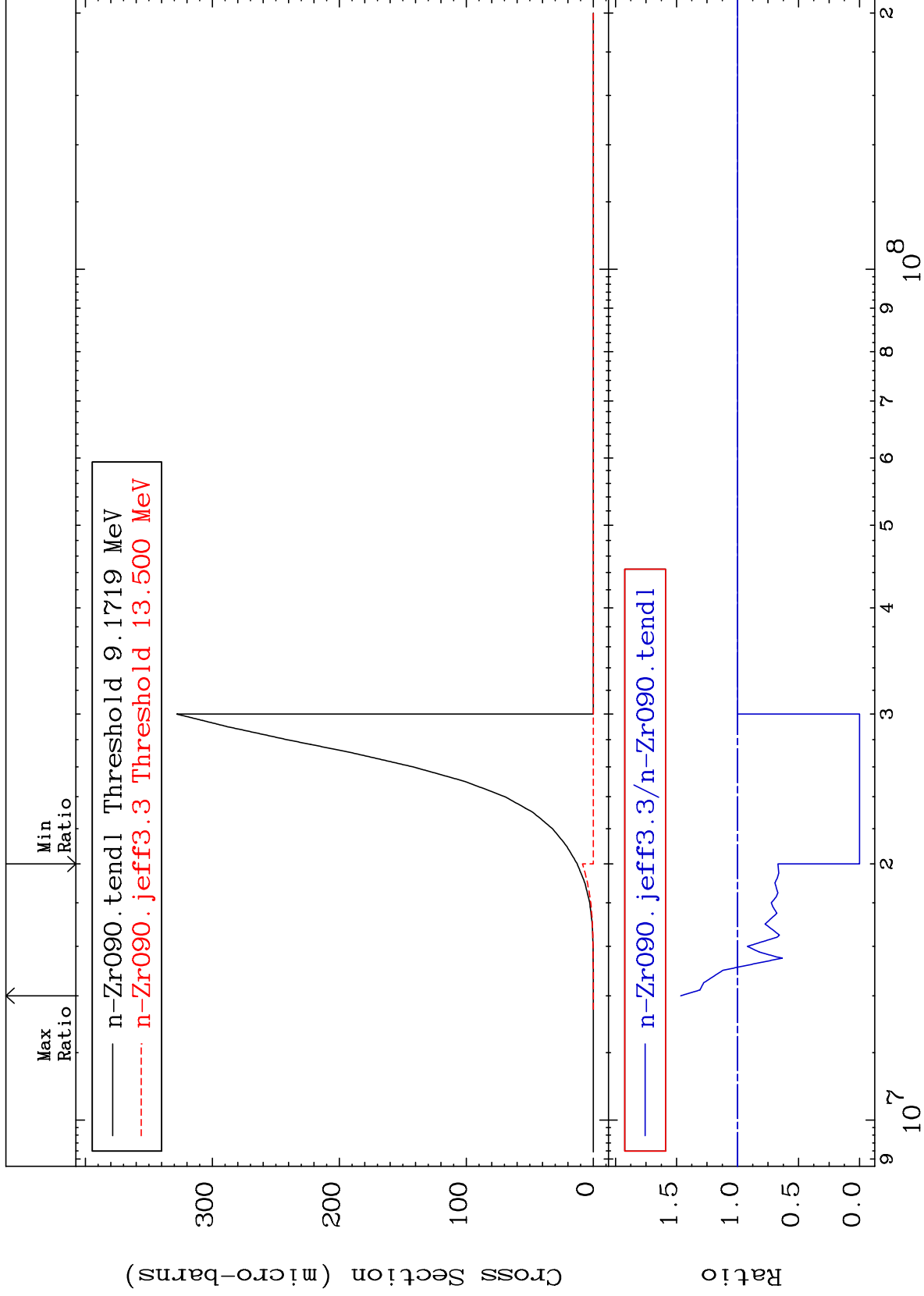
-100.0 To 872.3 %



MAT 4025

(n,2p)  
Cross Section

40-Zr-90  
-100.0 To 46.54 %



35

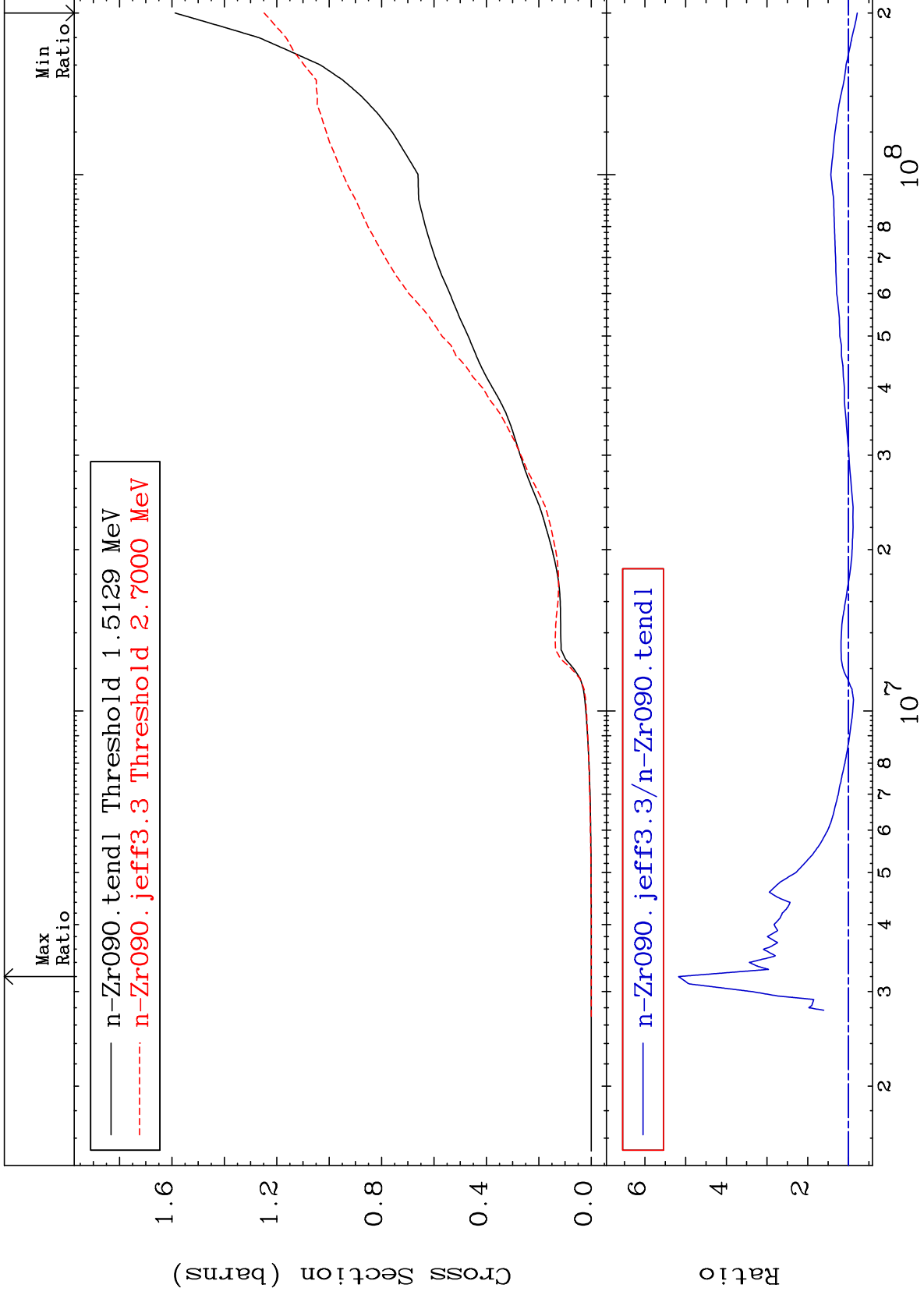
Incident Energy (eV)

40-Zr-90

MAT 4025

Hydrogen Production  
Cross Section

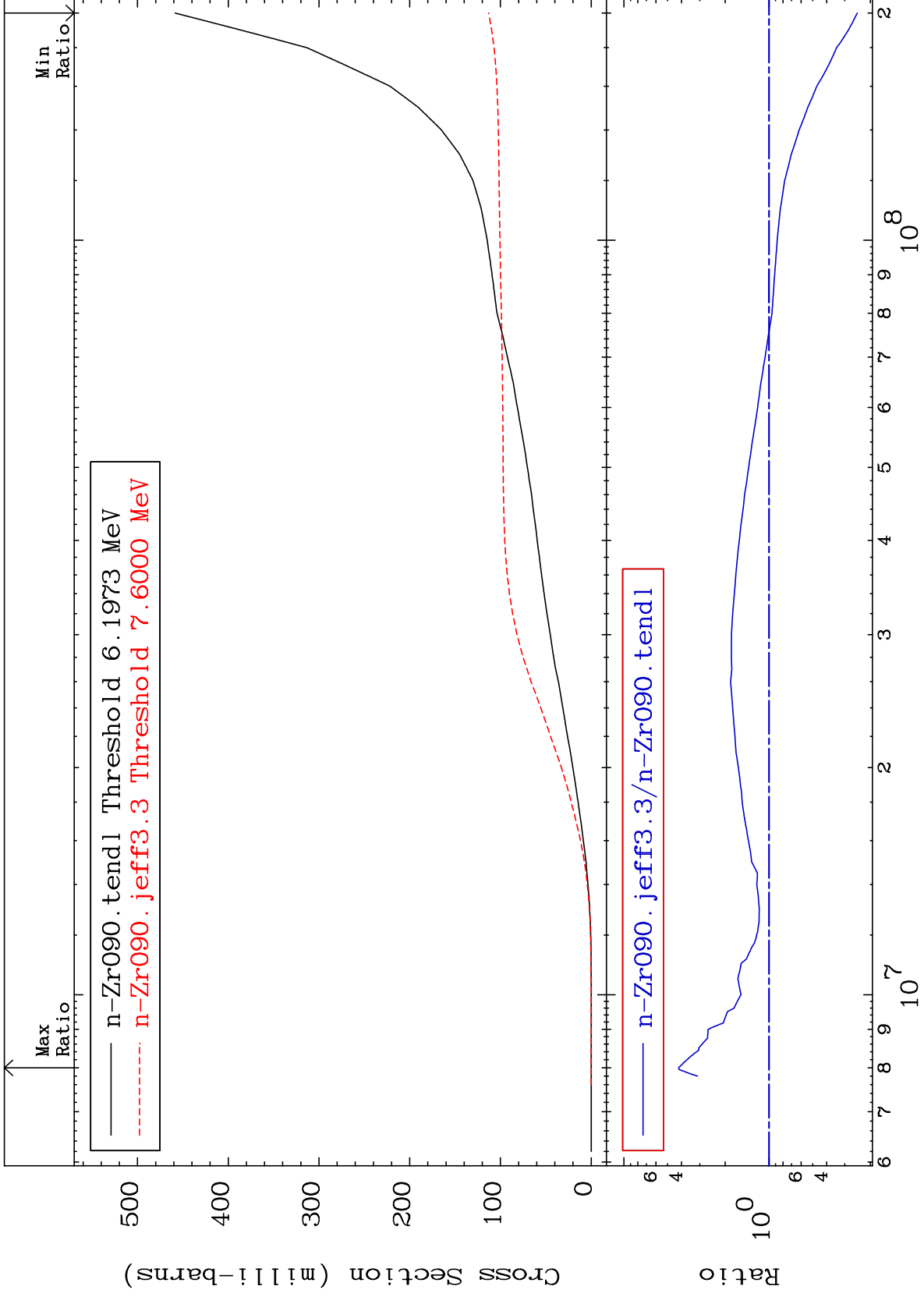
40-Zr-90  
-21.42 To 417.1 %

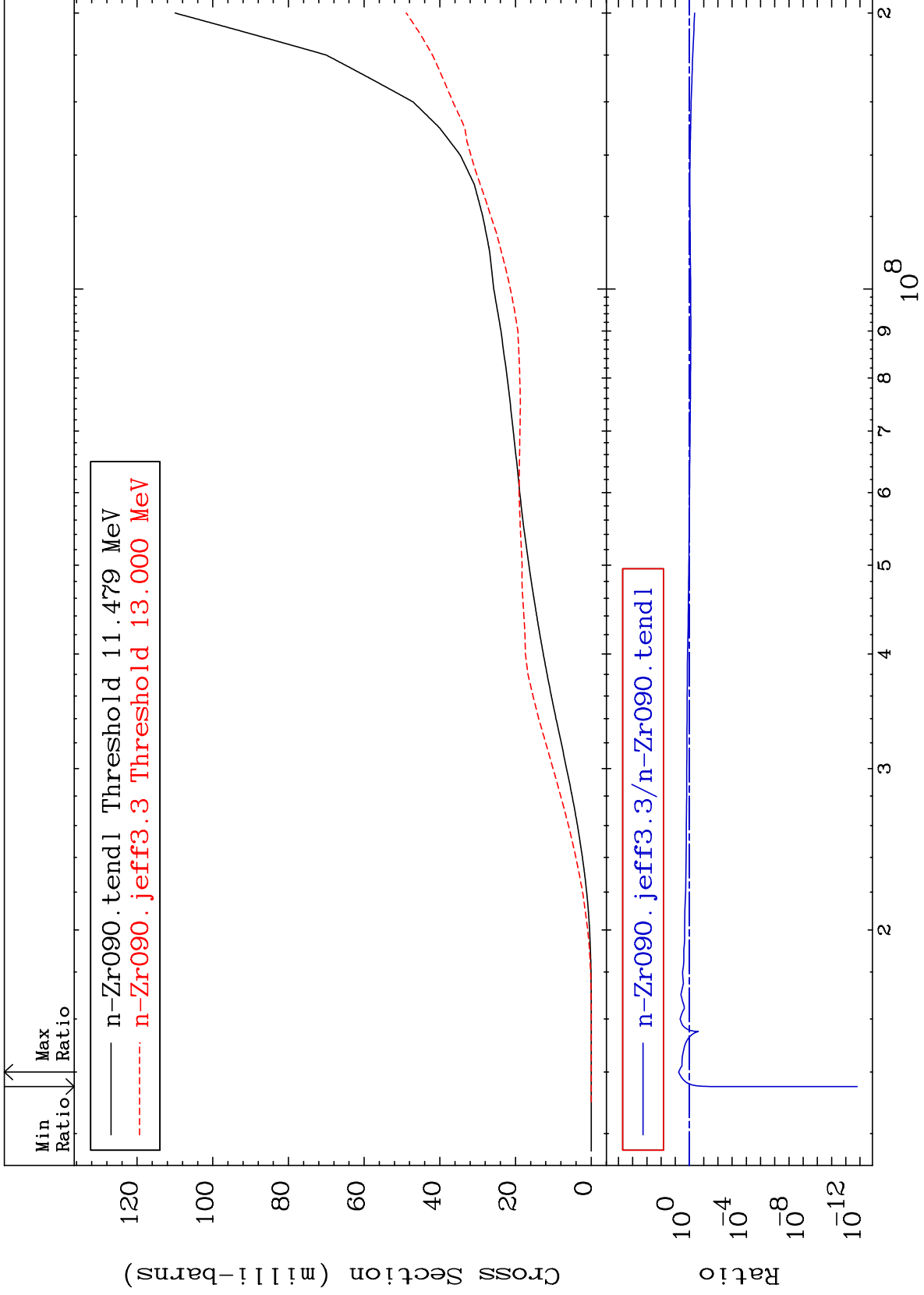


MAT 4025

Deuterium Production  
Cross Section

40-Zr-90  
-75.35 To 319.1 %

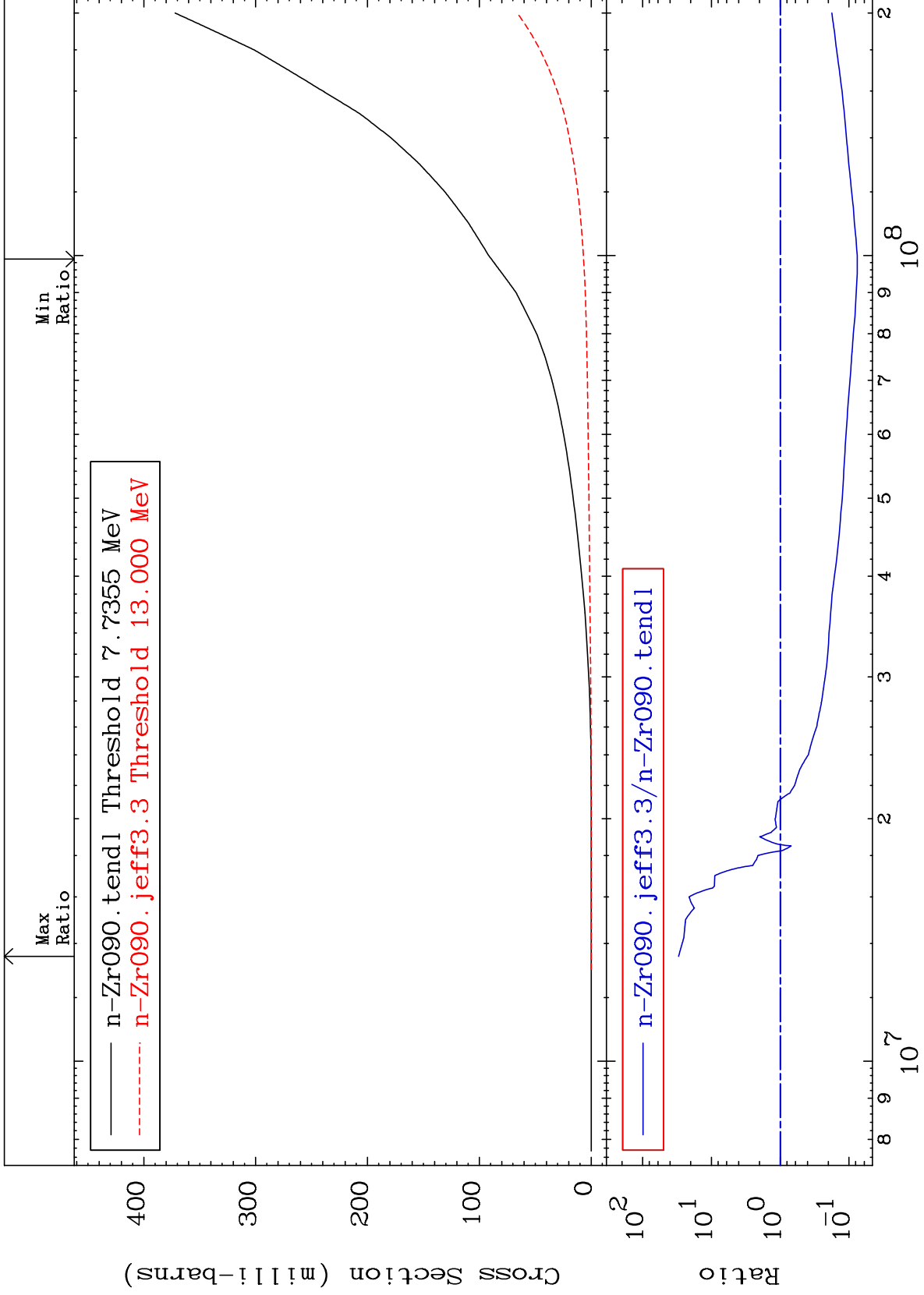




MAT 4025

He-3 Production  
Cross Section

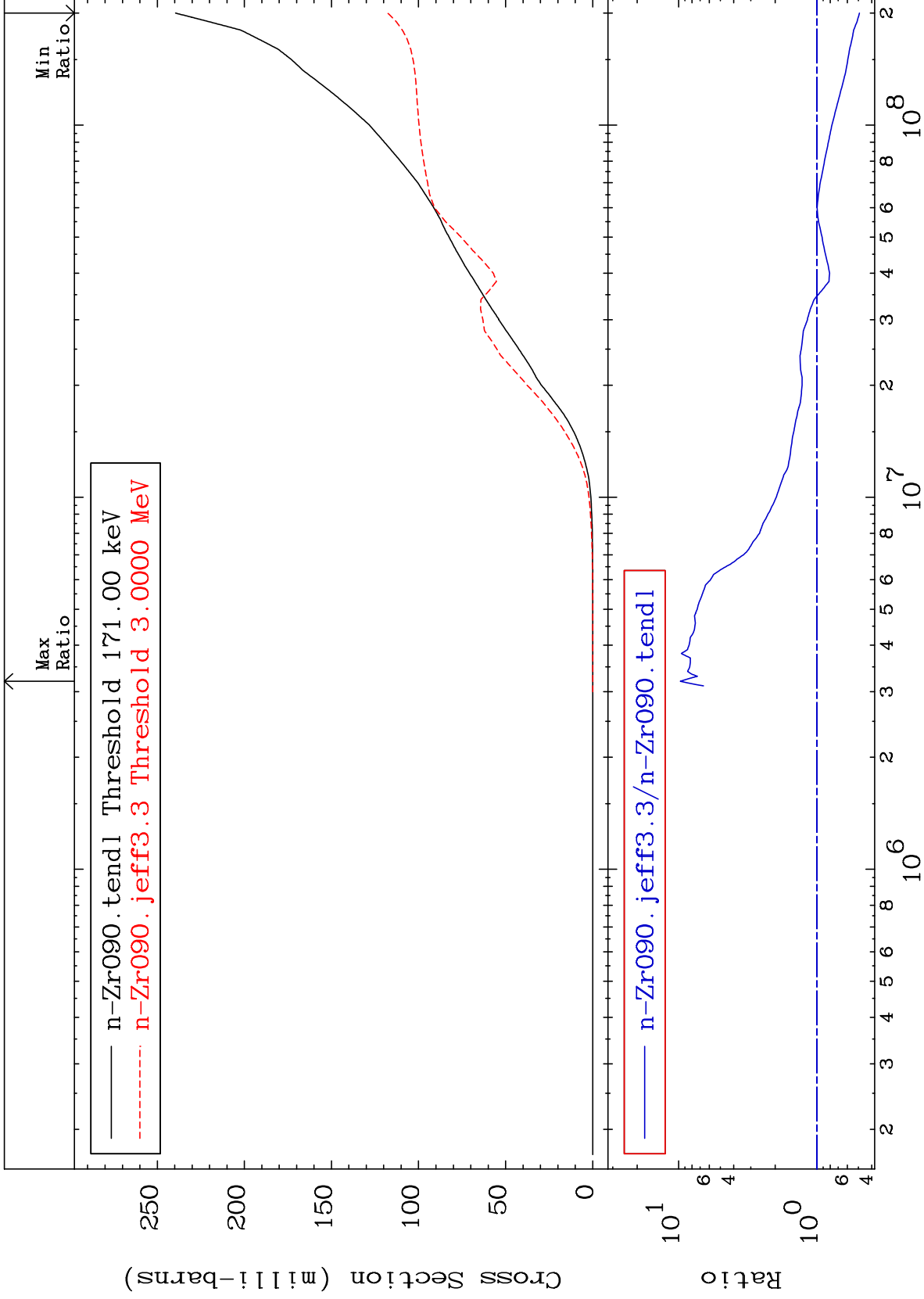
40-Zr-90  
-92.41 To 2897. %



MAT 4025

He-4 Production  
Cross Section

40-Zr-90  
-50.87 To 872.3 %

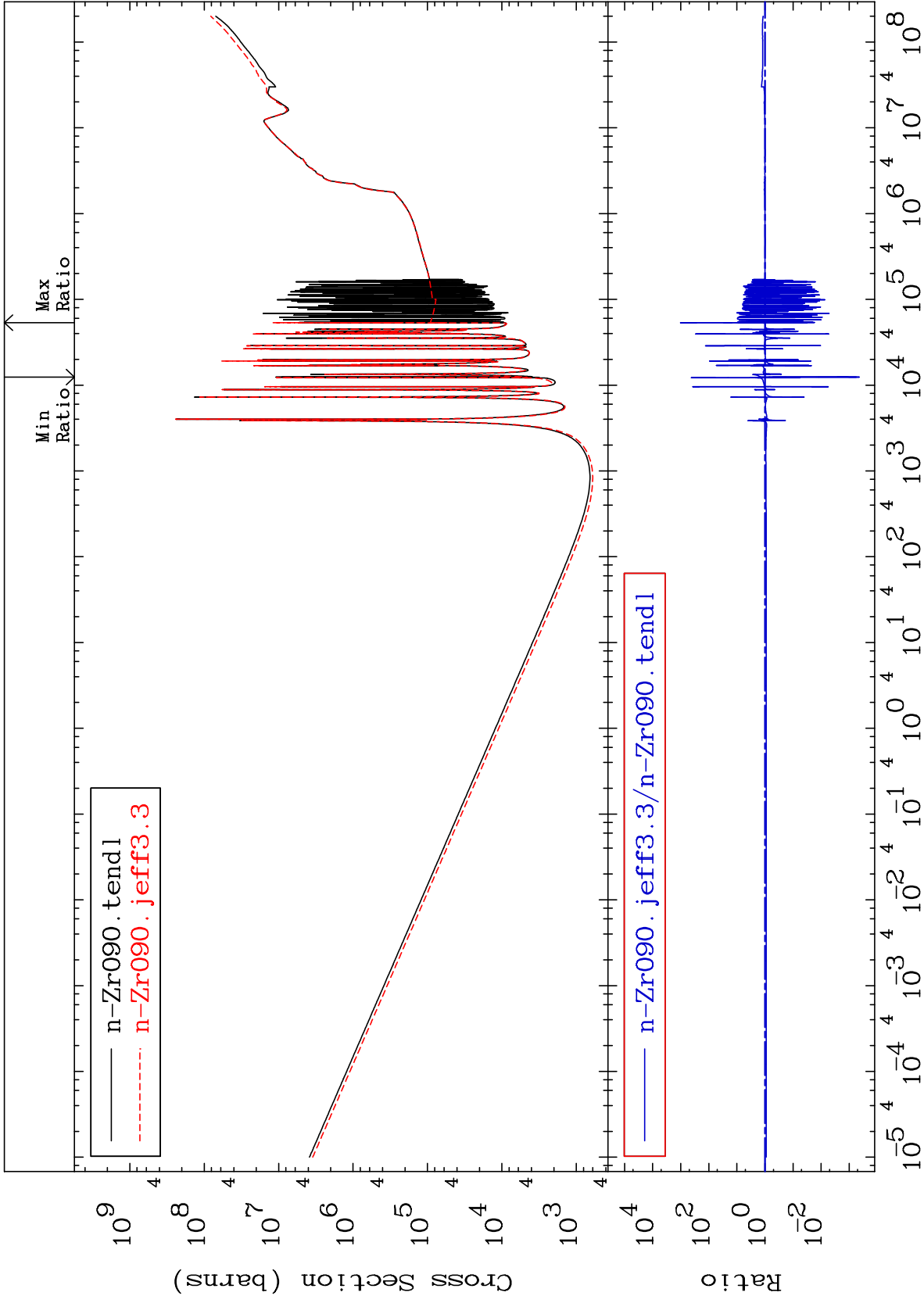


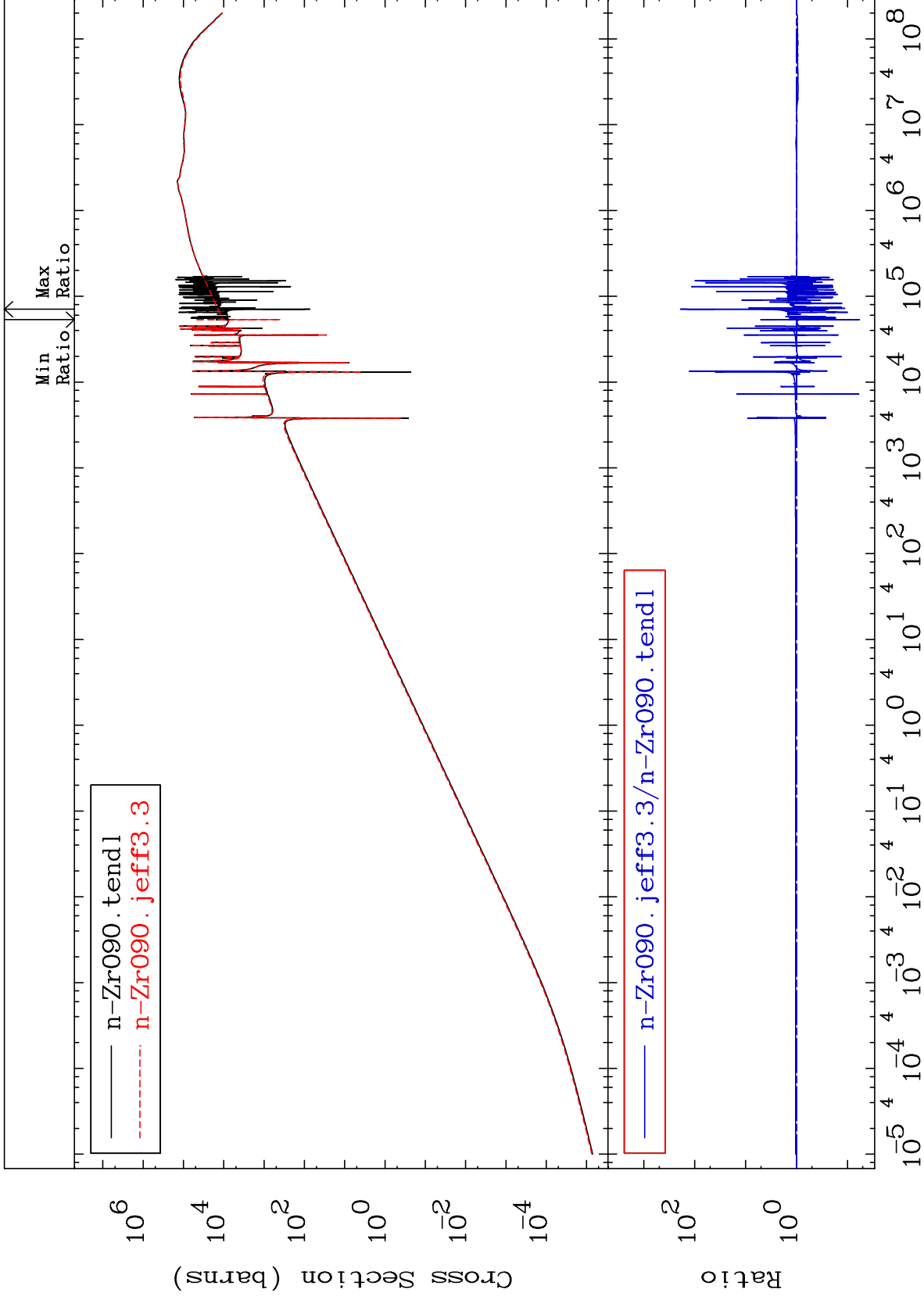
40

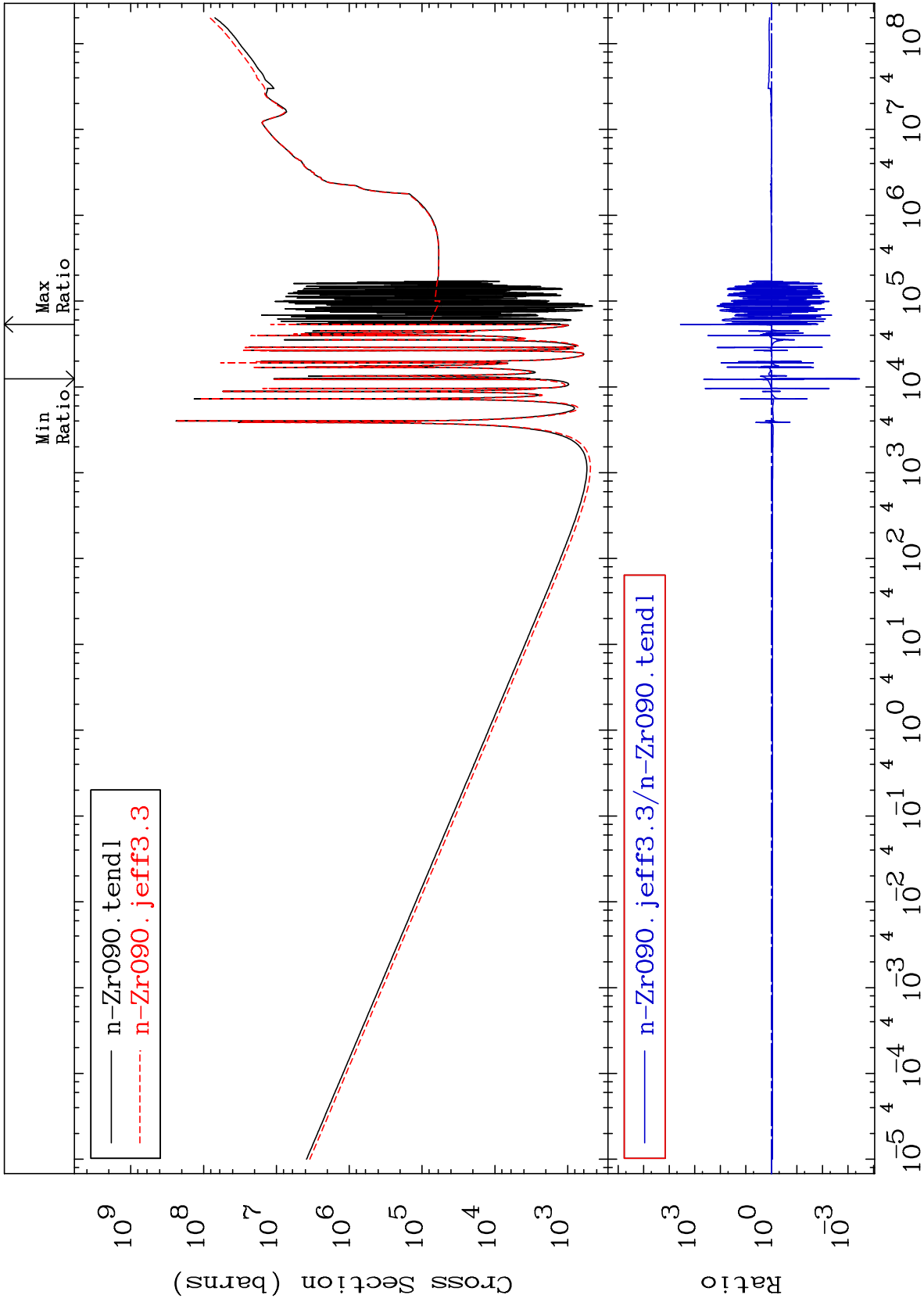
Incident Energy (eV)

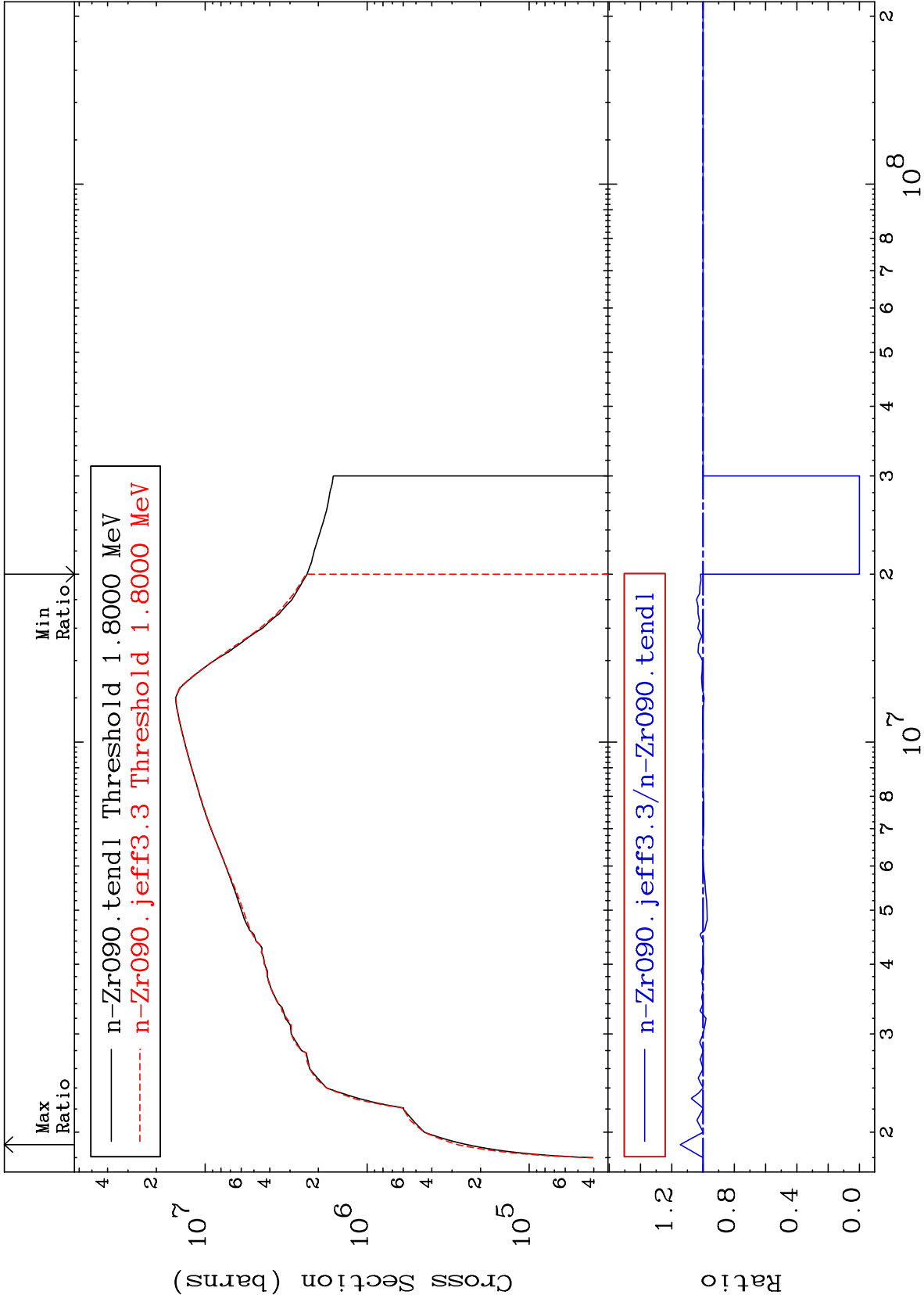
40-Zr-90







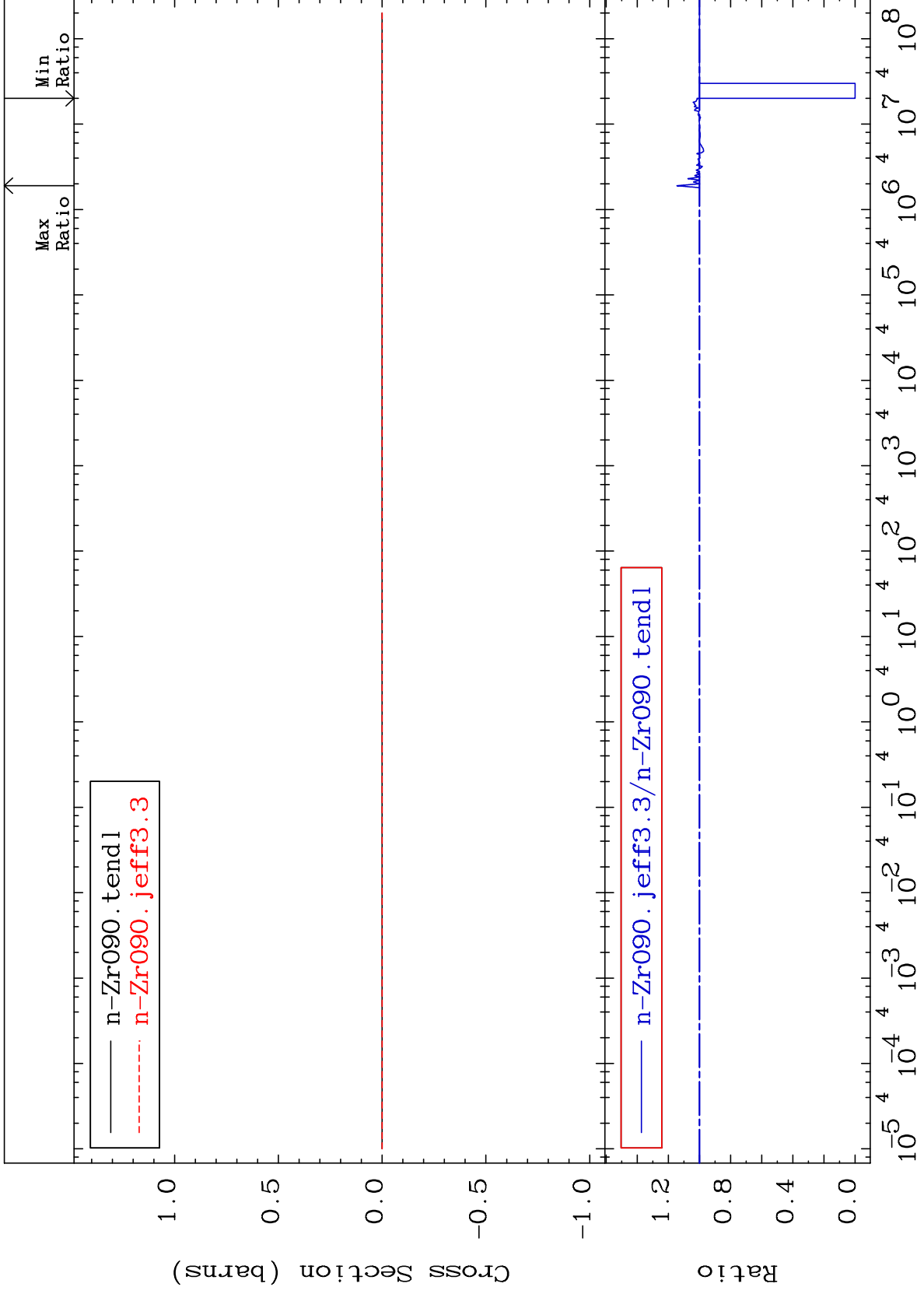




MAT 4025

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

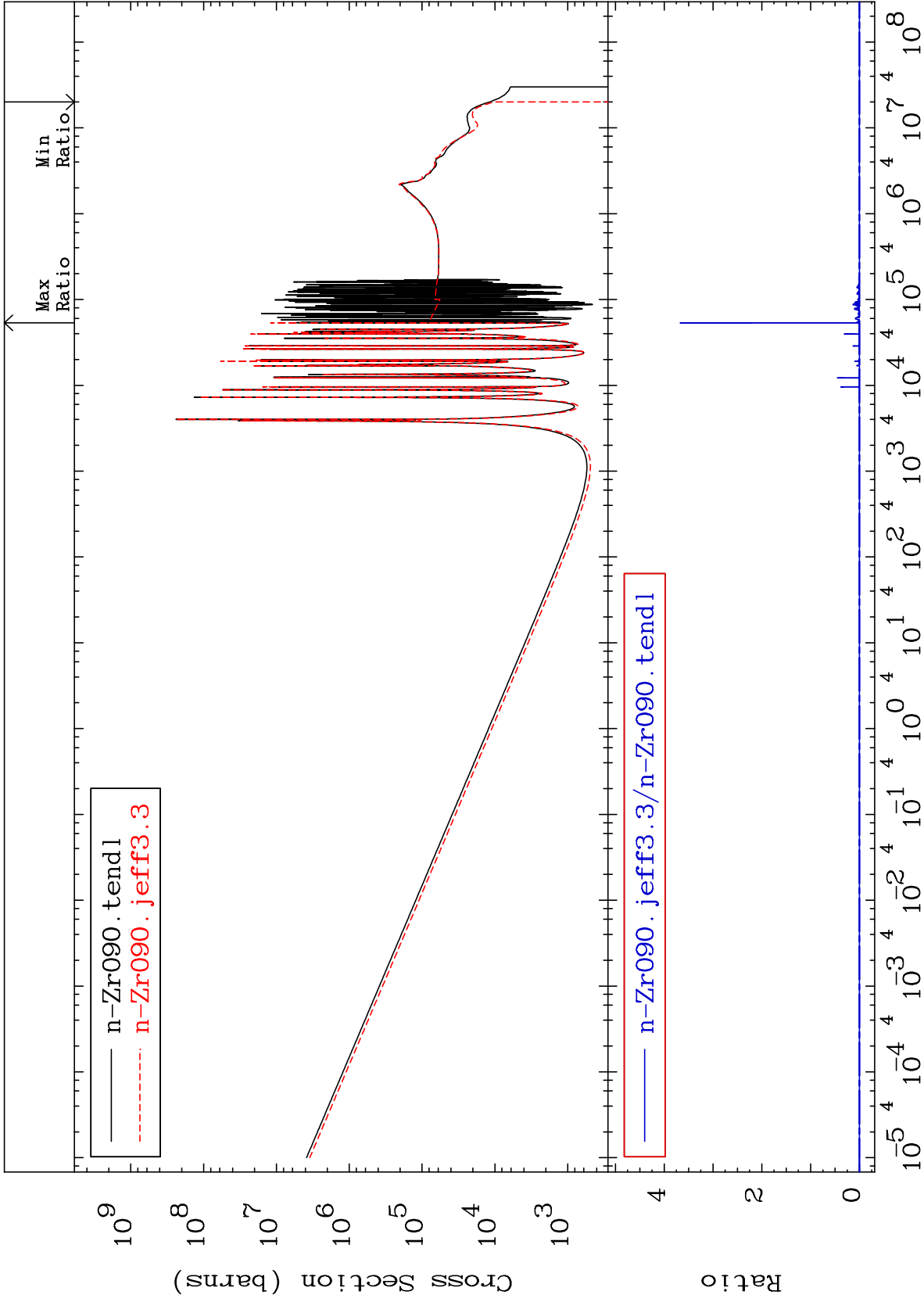
40-Zr-90  
-100.0 To 14.51 %

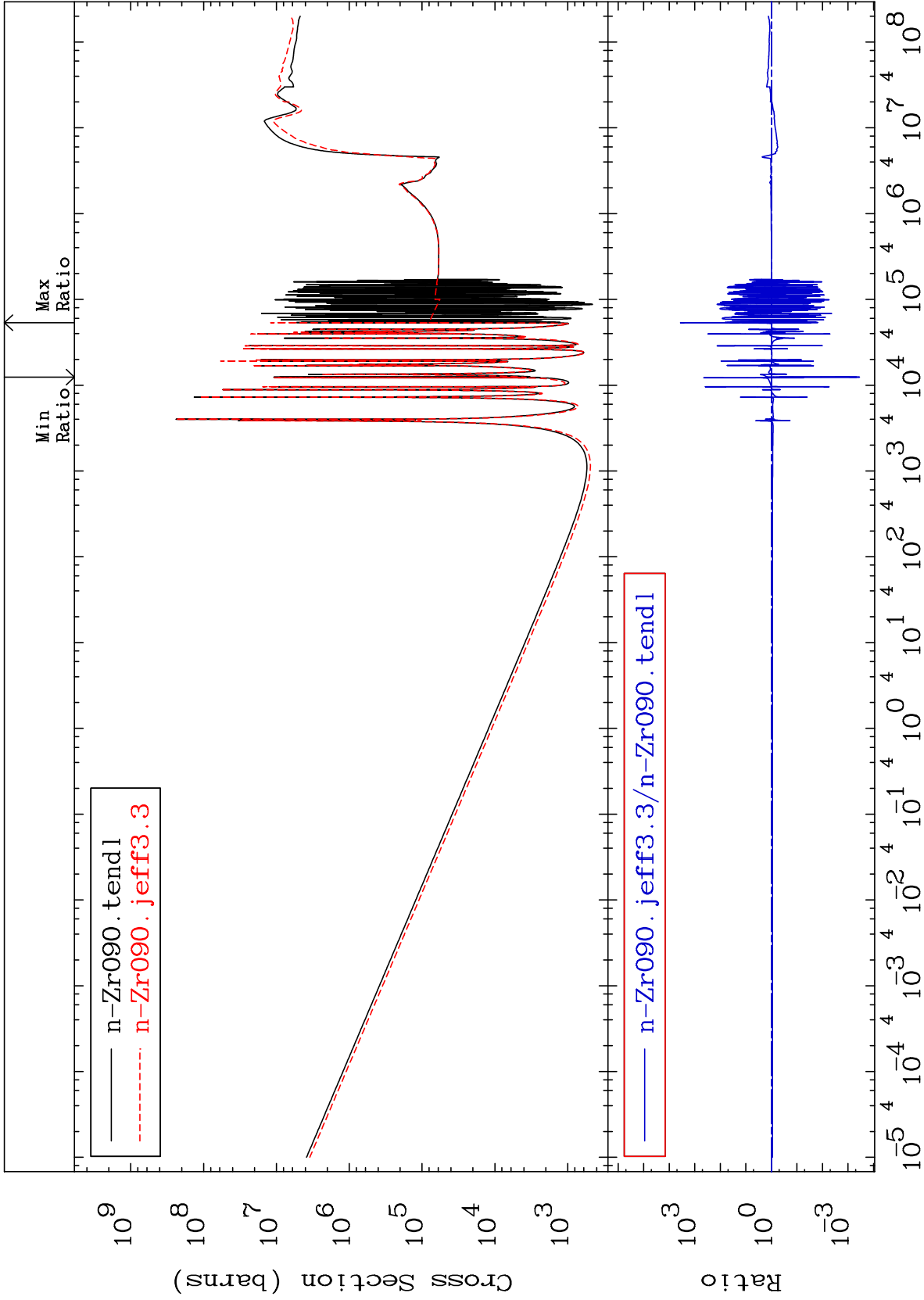


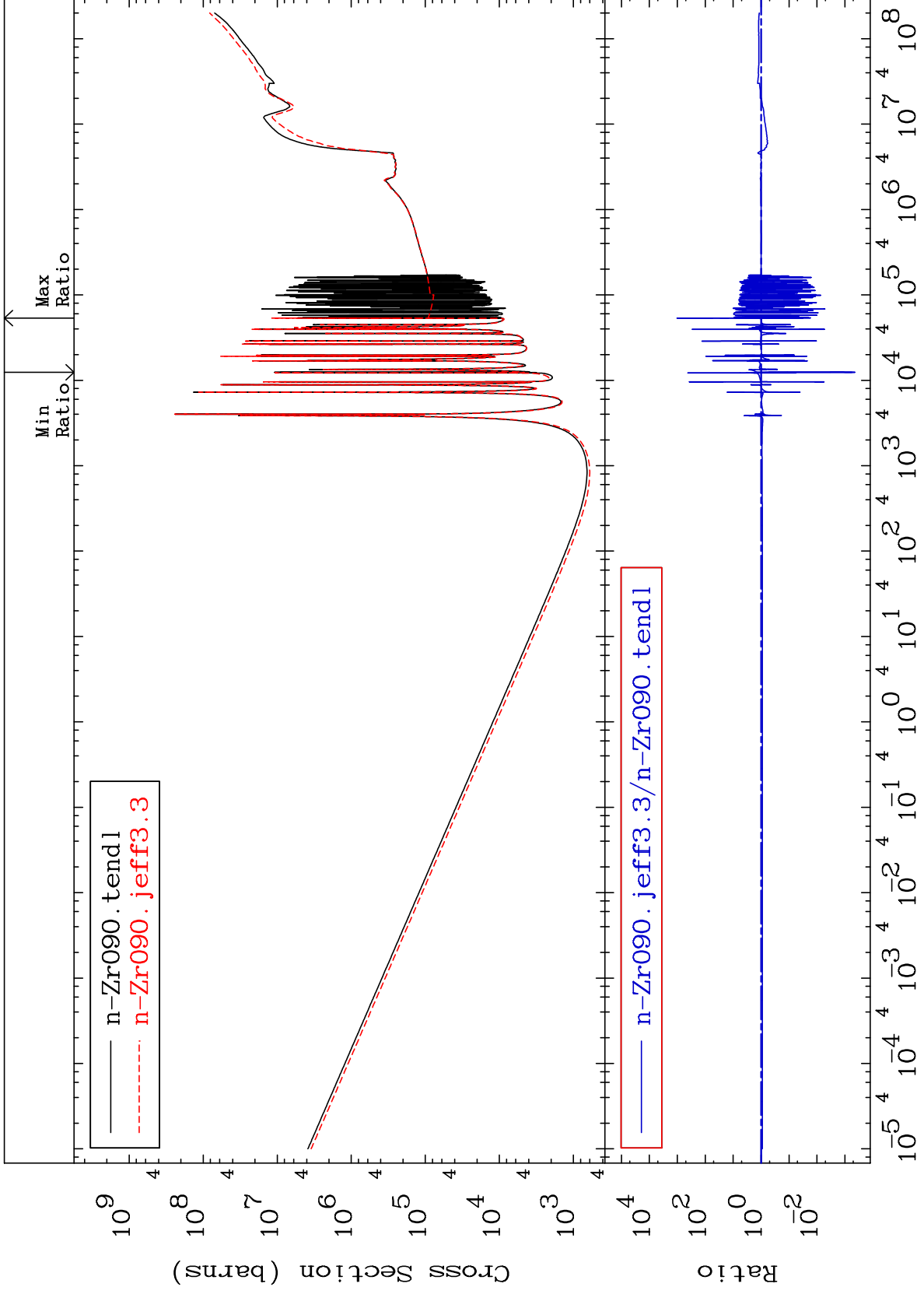
45

Incident Energy (eV)

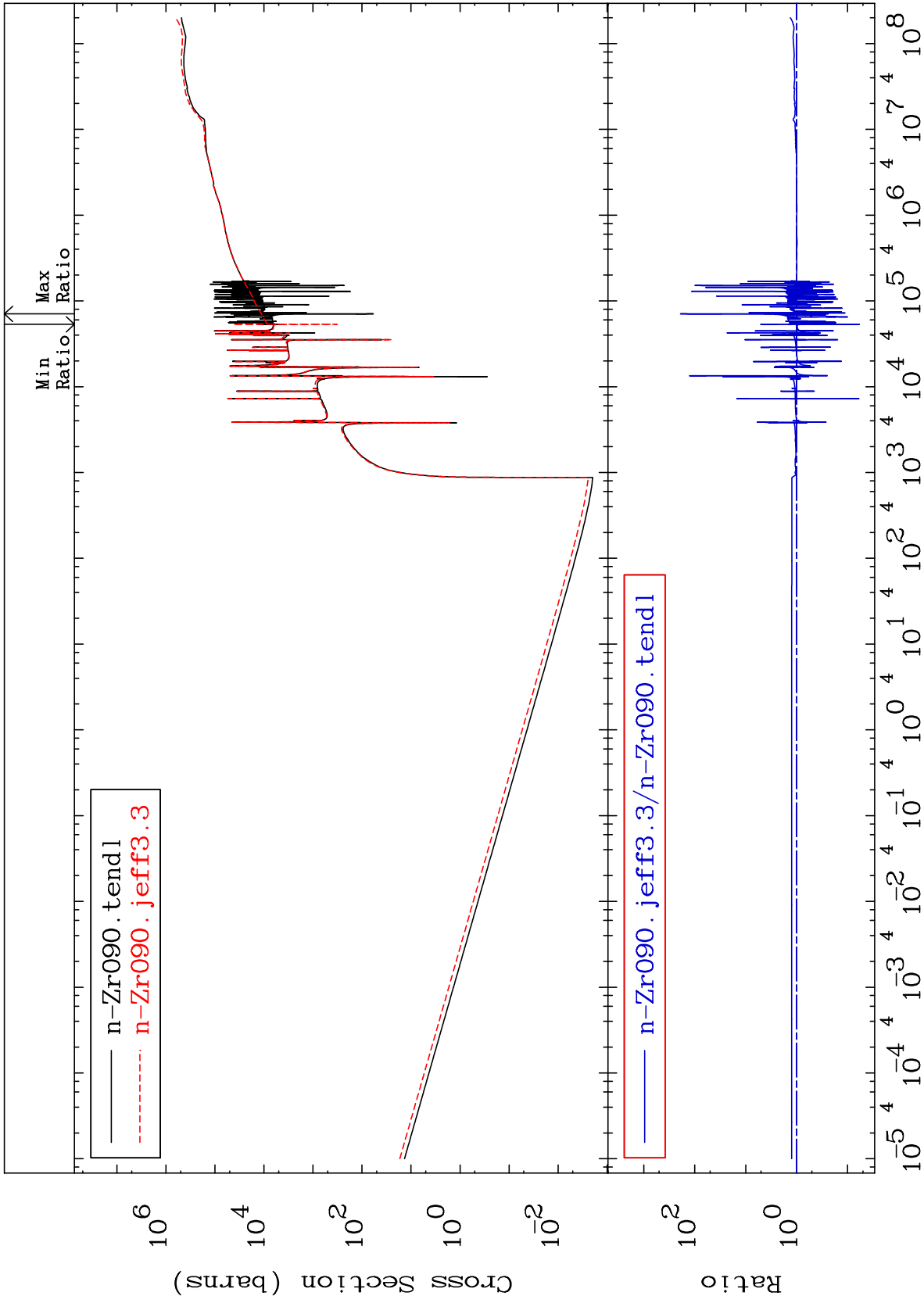
40-Zr-90











MAT 4025

Dpa elastic (mt2)  
Cross Section

40-Zr-90  
-94.18 To 9999. %

