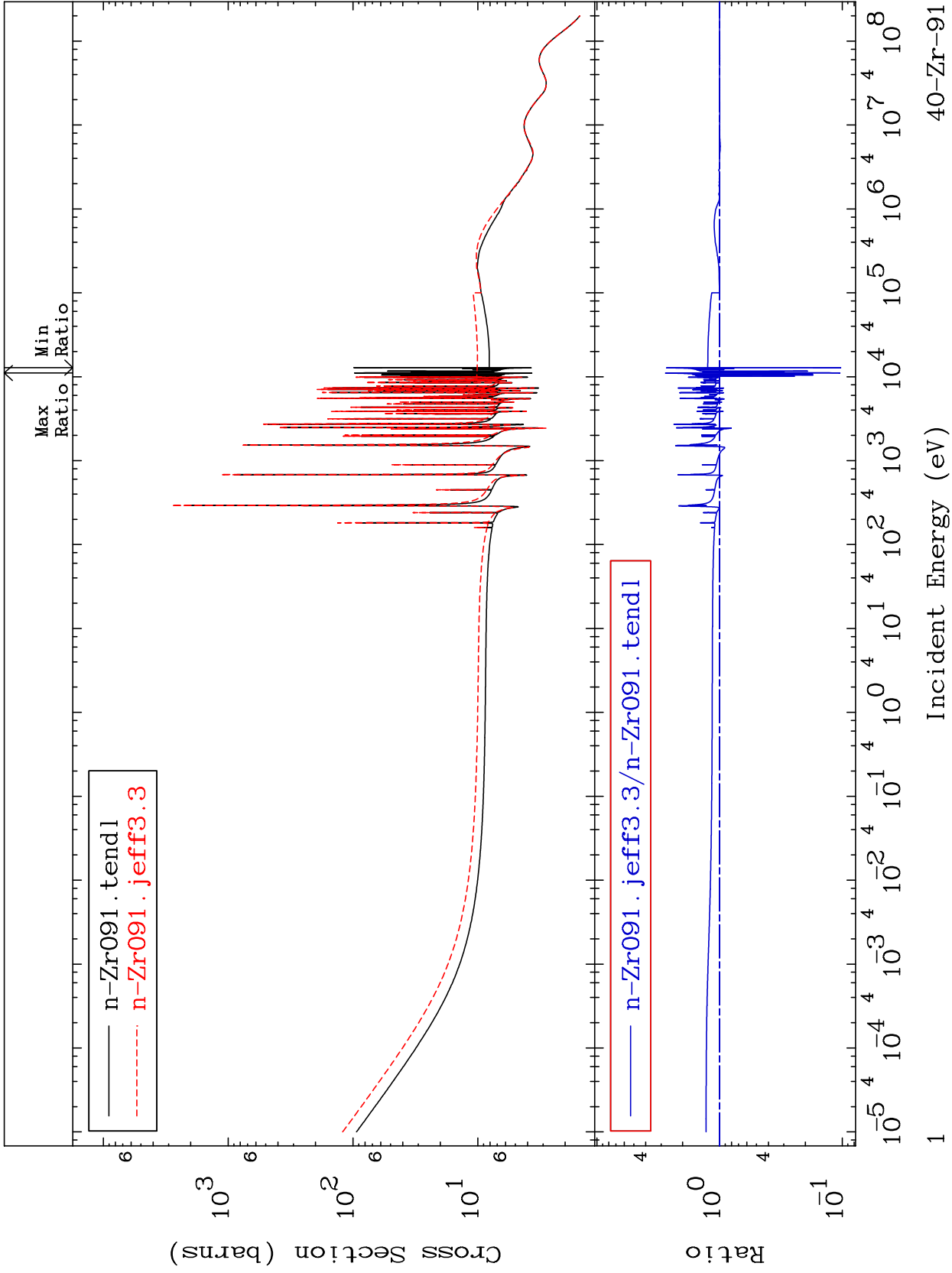


MAT 4028

Total  
Cross Section

40-Zr-91  
-89.71 To 176.1 %



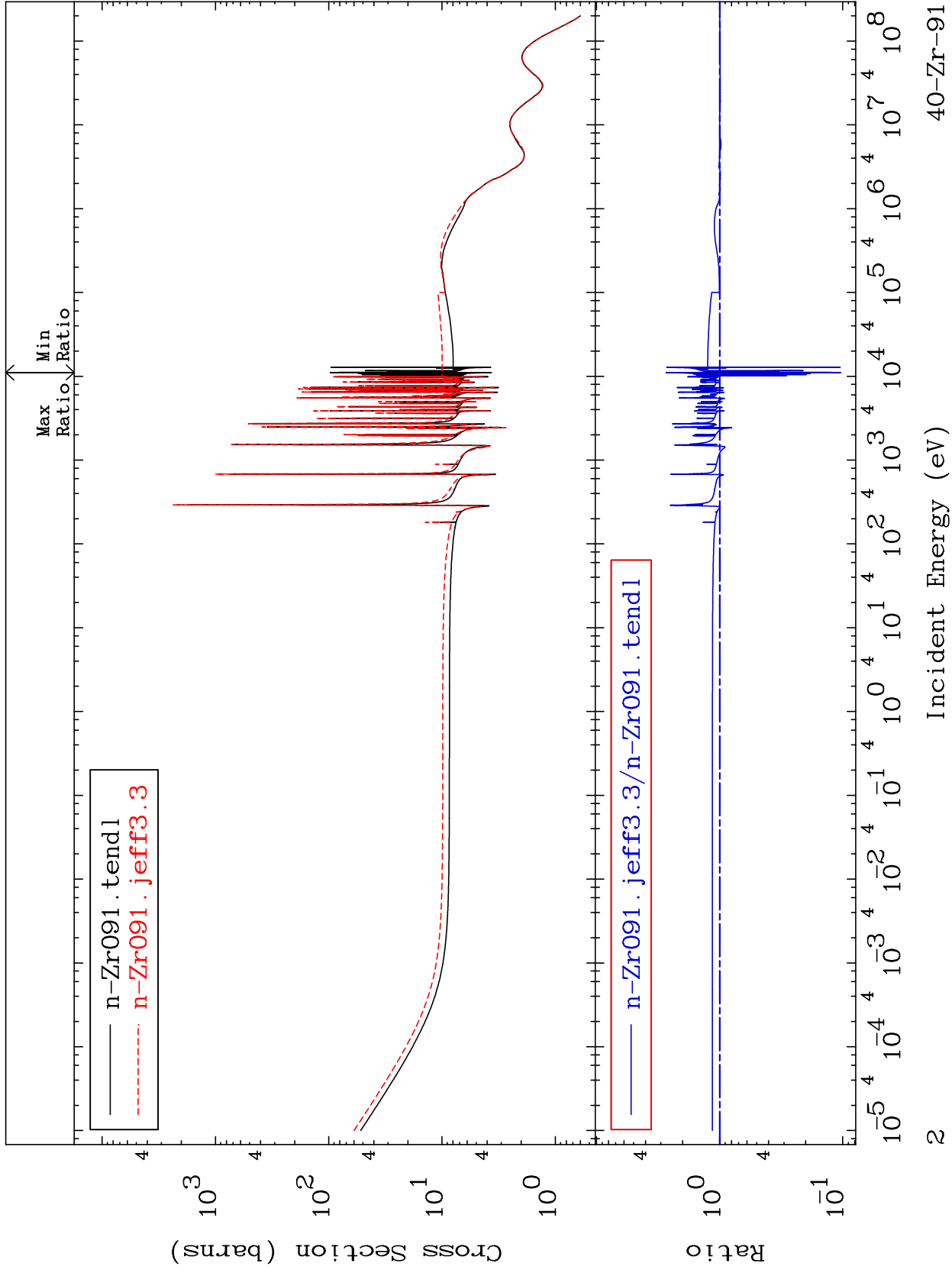
40-Zr-91

Incident Energy (eV)

MAT 4028

Elastic  
Cross Section

40-Zr-91  
-89.64 To 173.0 %

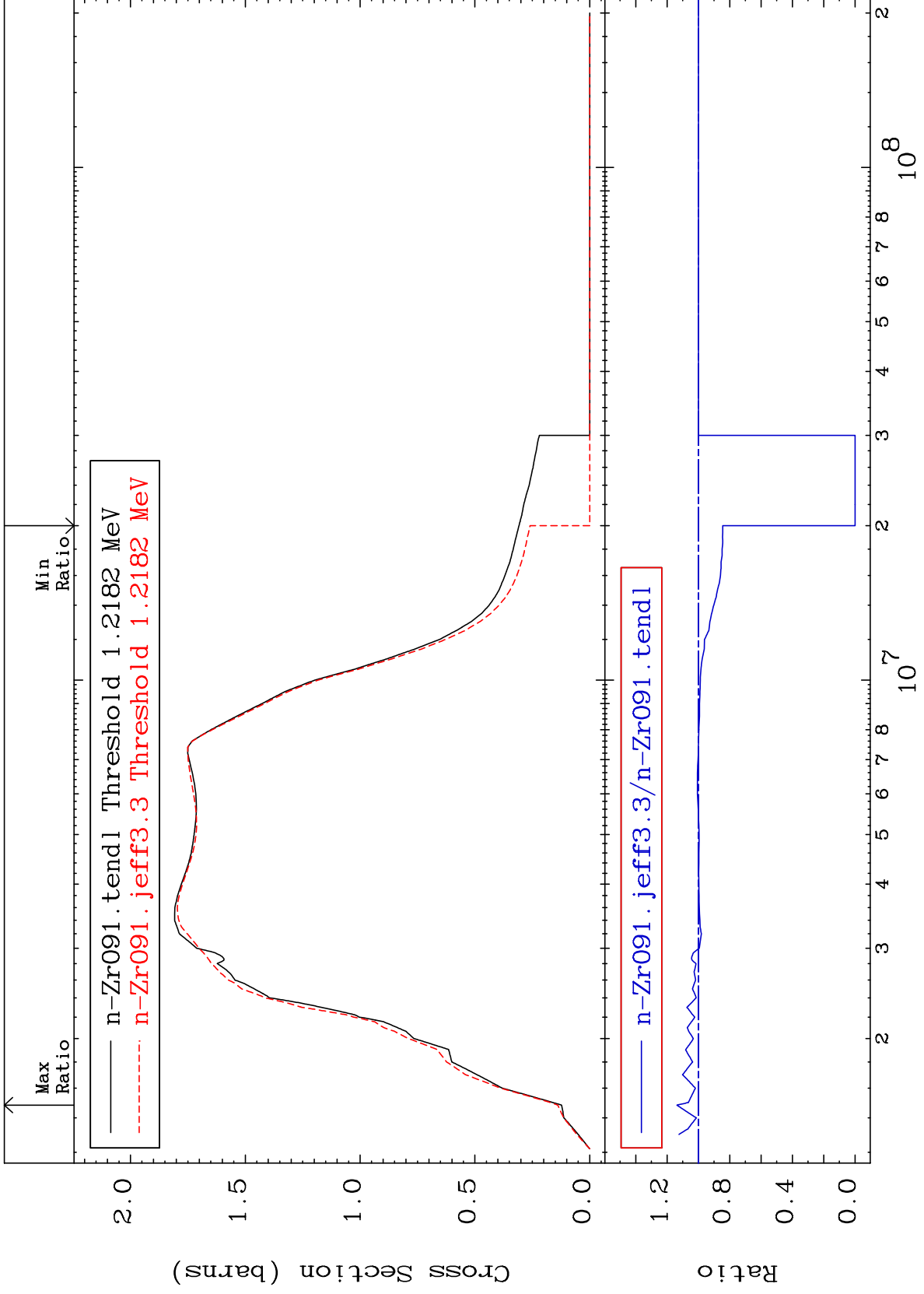


40-Zr-91

MAT 4028

Inelastic  
Cross Section

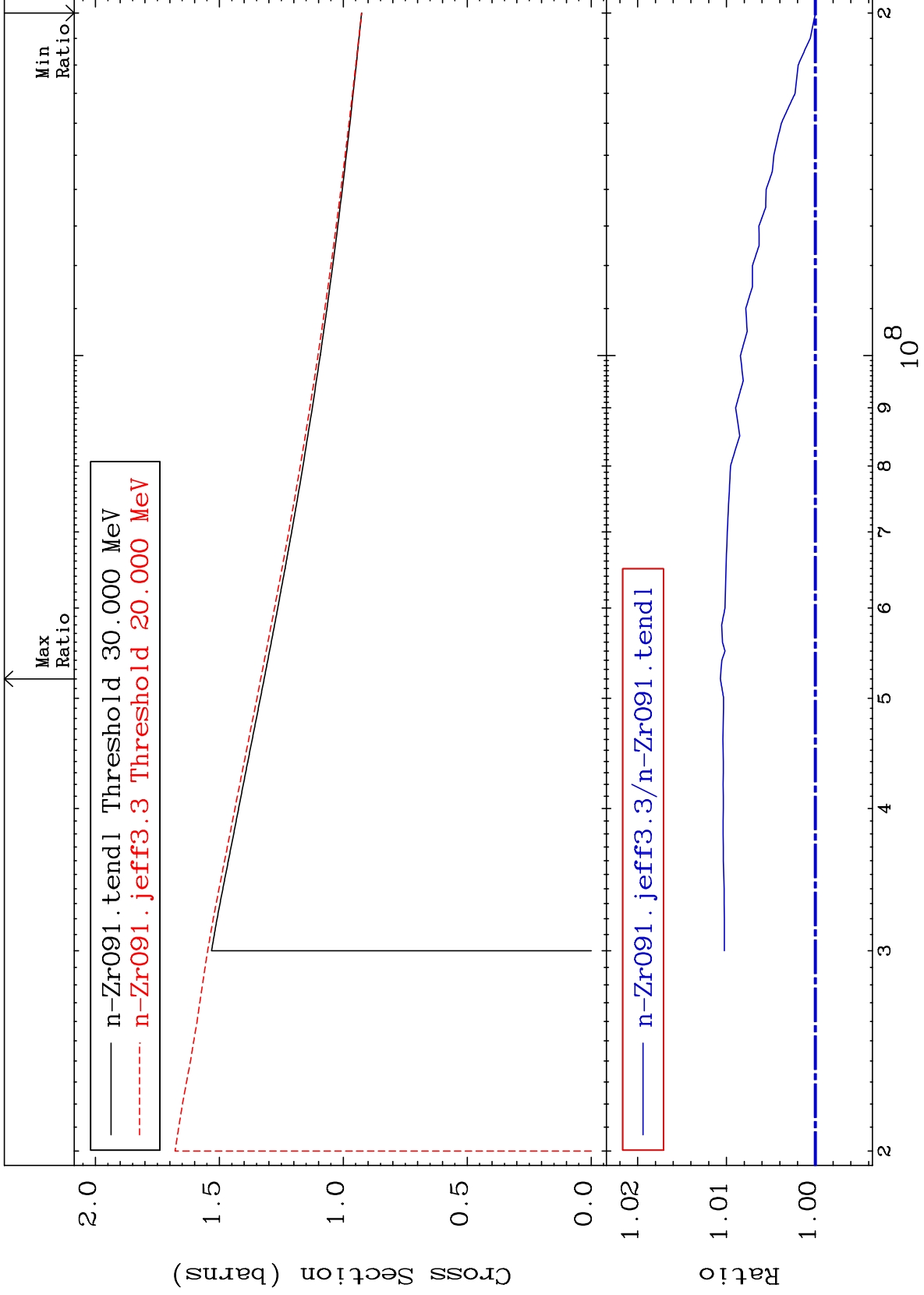
40-Zr-91  
-100.0 To 13.70 %



MAT 4028

(n, remainder)  
Cross Section

40-Zr-91  
-0.002 To 1.069 %



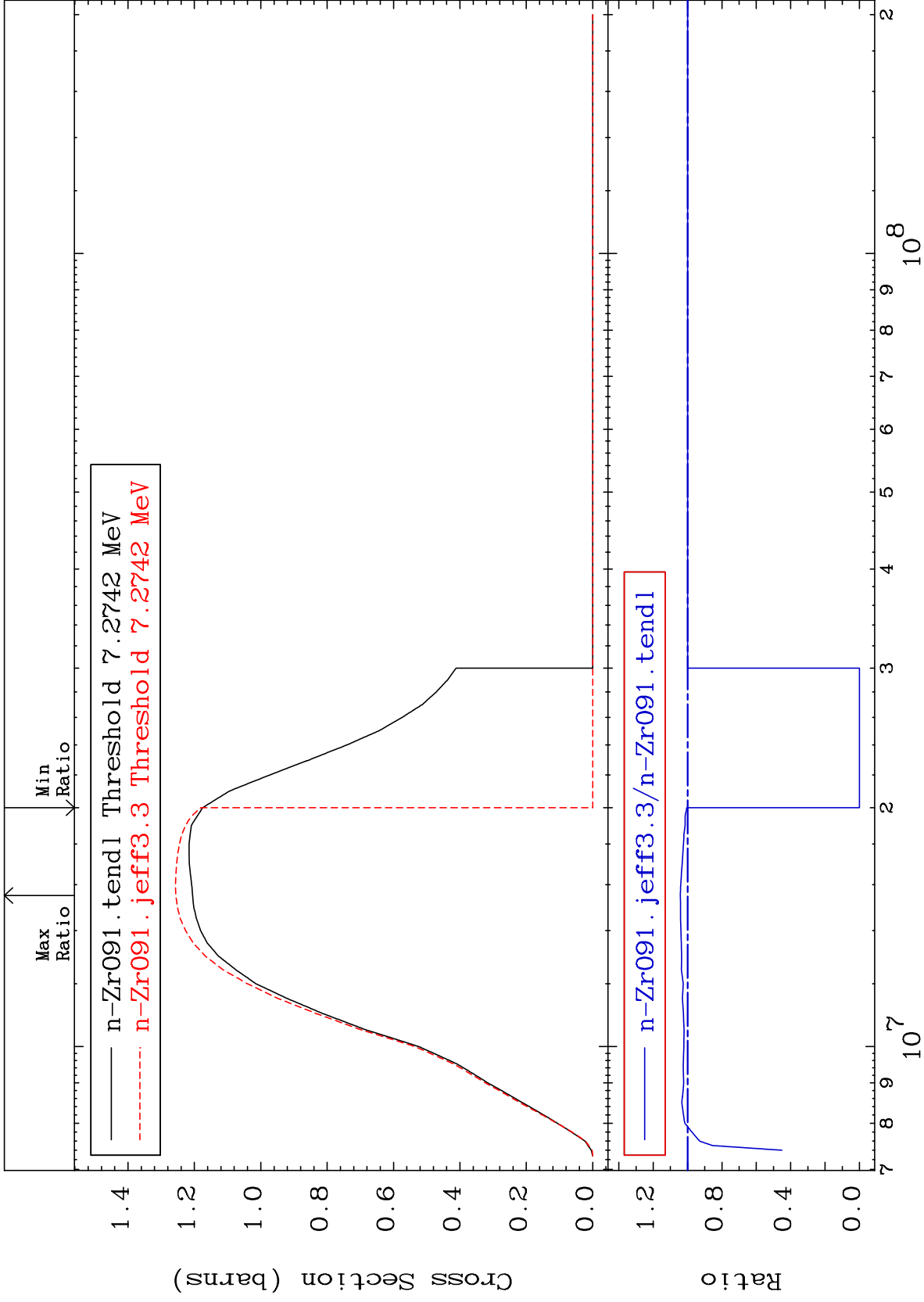
MAT 4028

(n,2n)

40-Zr-91

Cross Section

-100.0 To 4.196 %



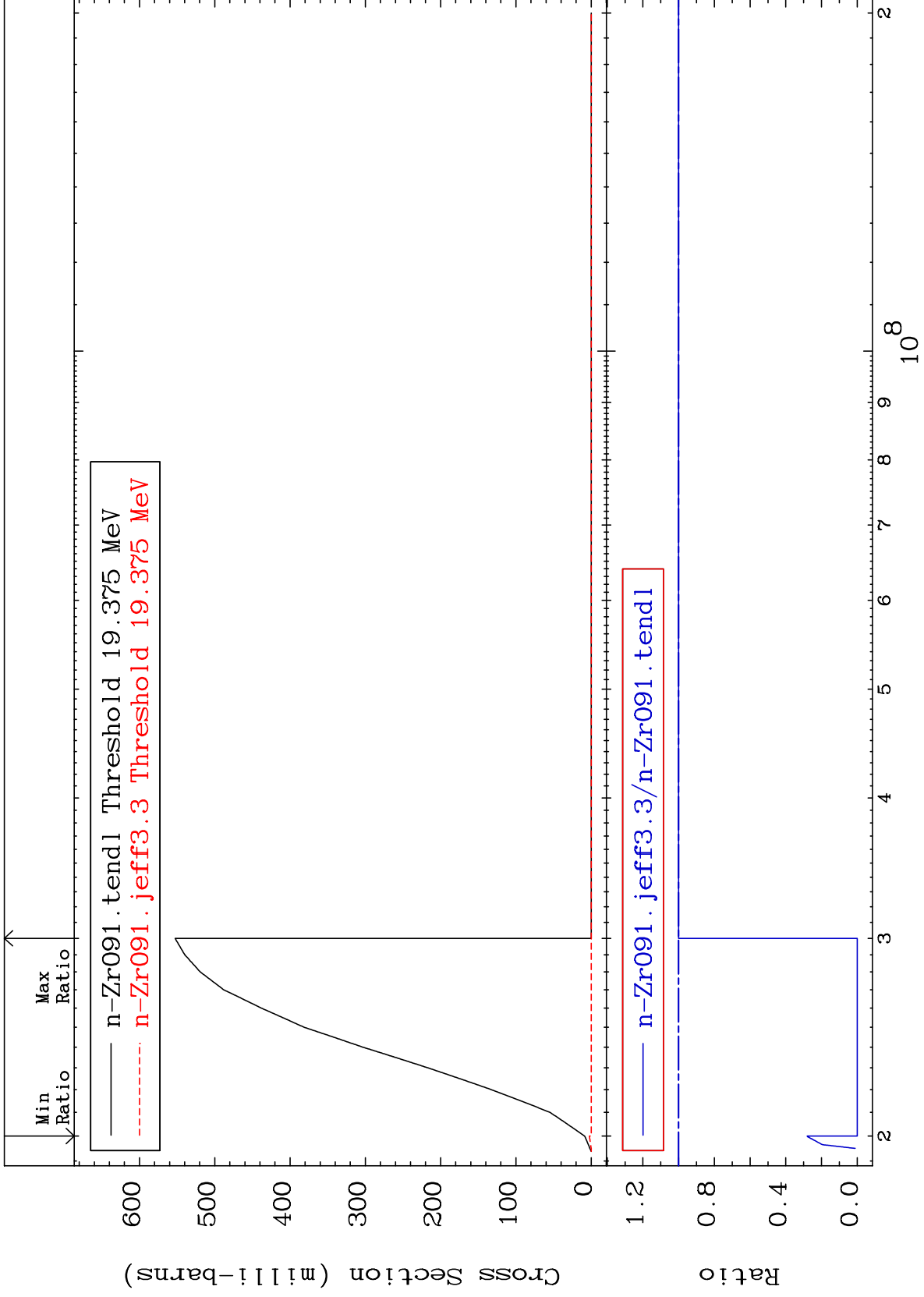
MAT 4028

(n,3n)

40-Zr-91

Cross Section

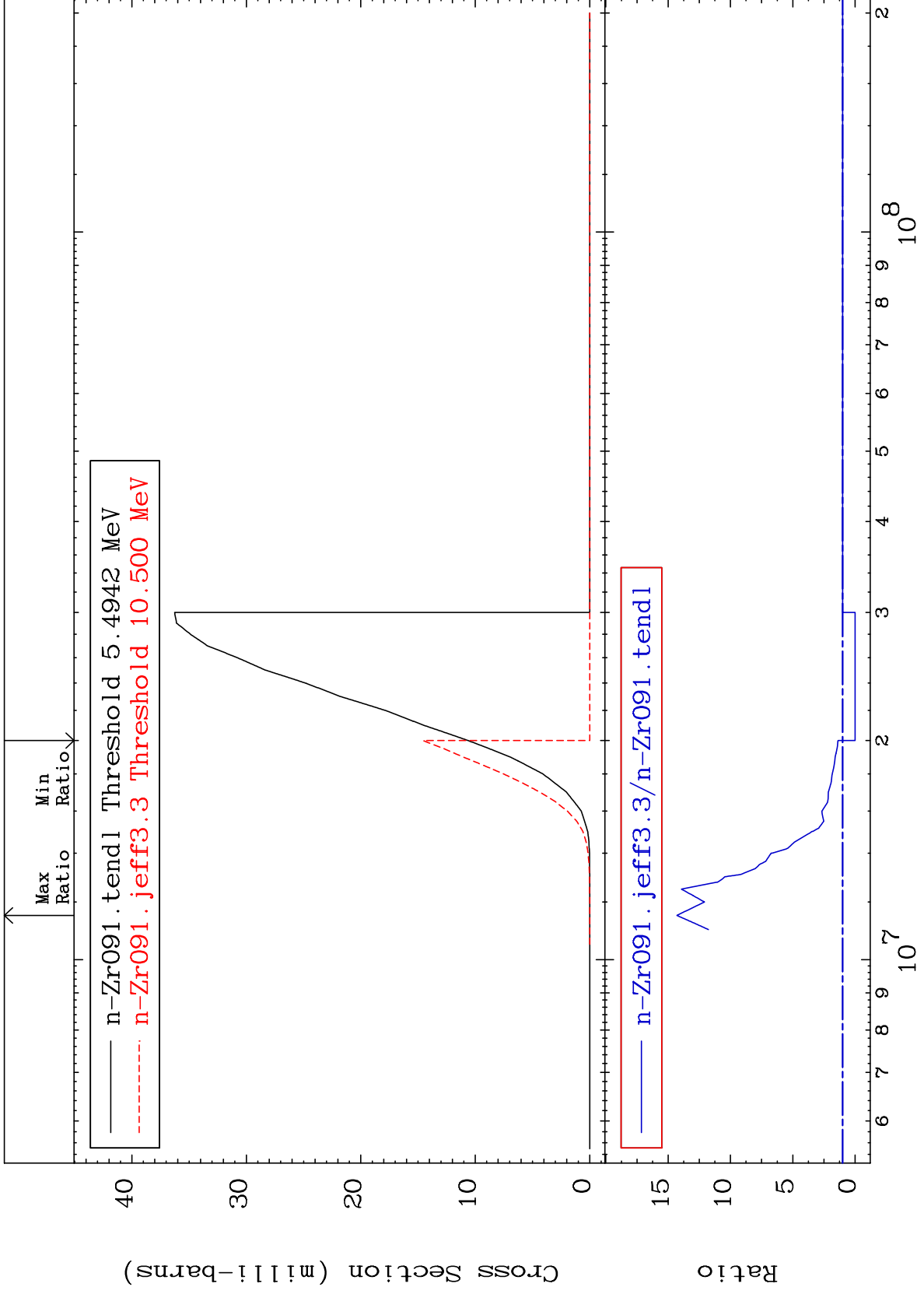
-100.0 To 0.000 %



MAT 4028

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

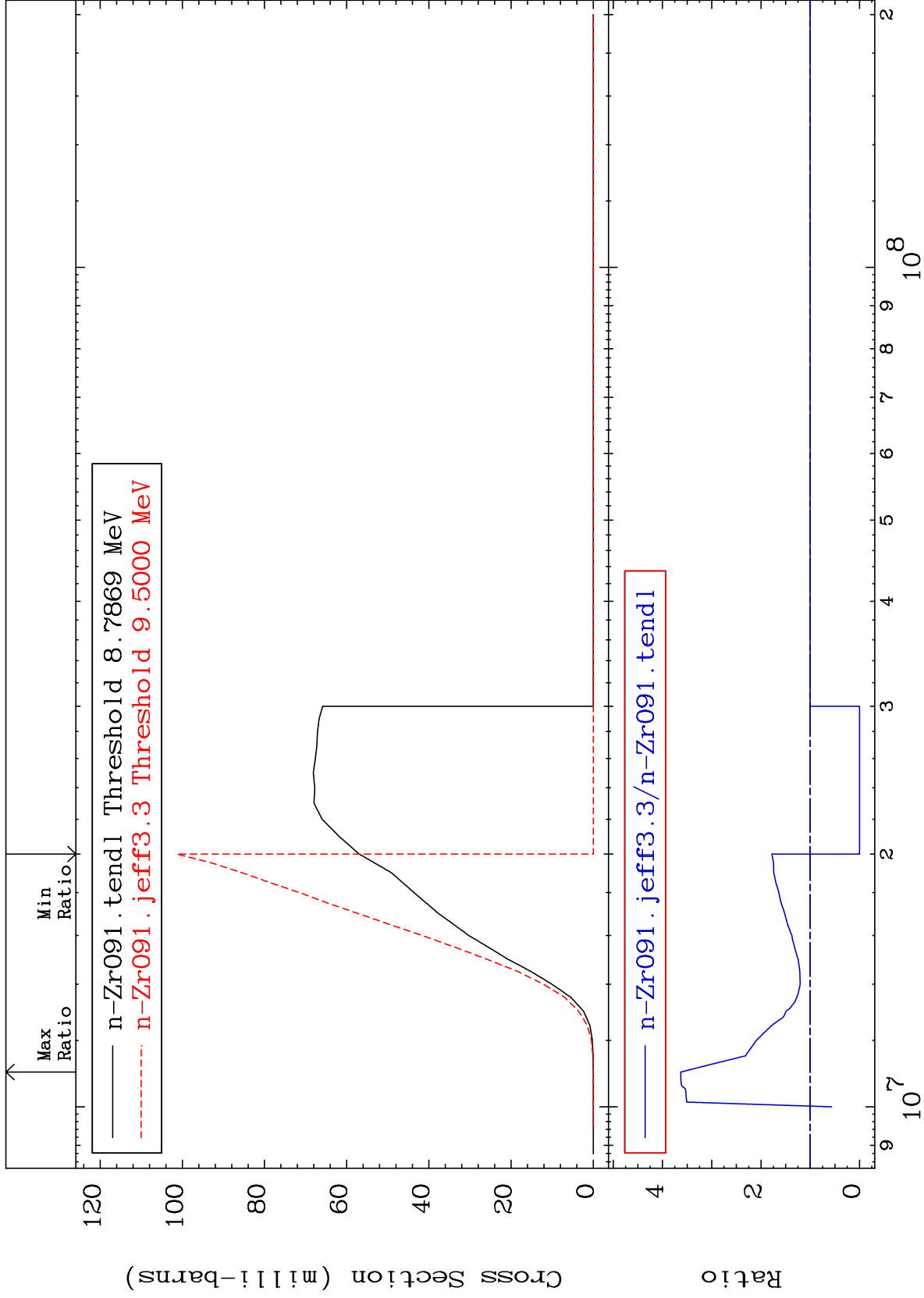
40-Zr-91  
-100.0 To 1329. %



MAT 4028

(n,n') p  
Cross Section

40-Zr-91  
-100.0 To 262.9 %

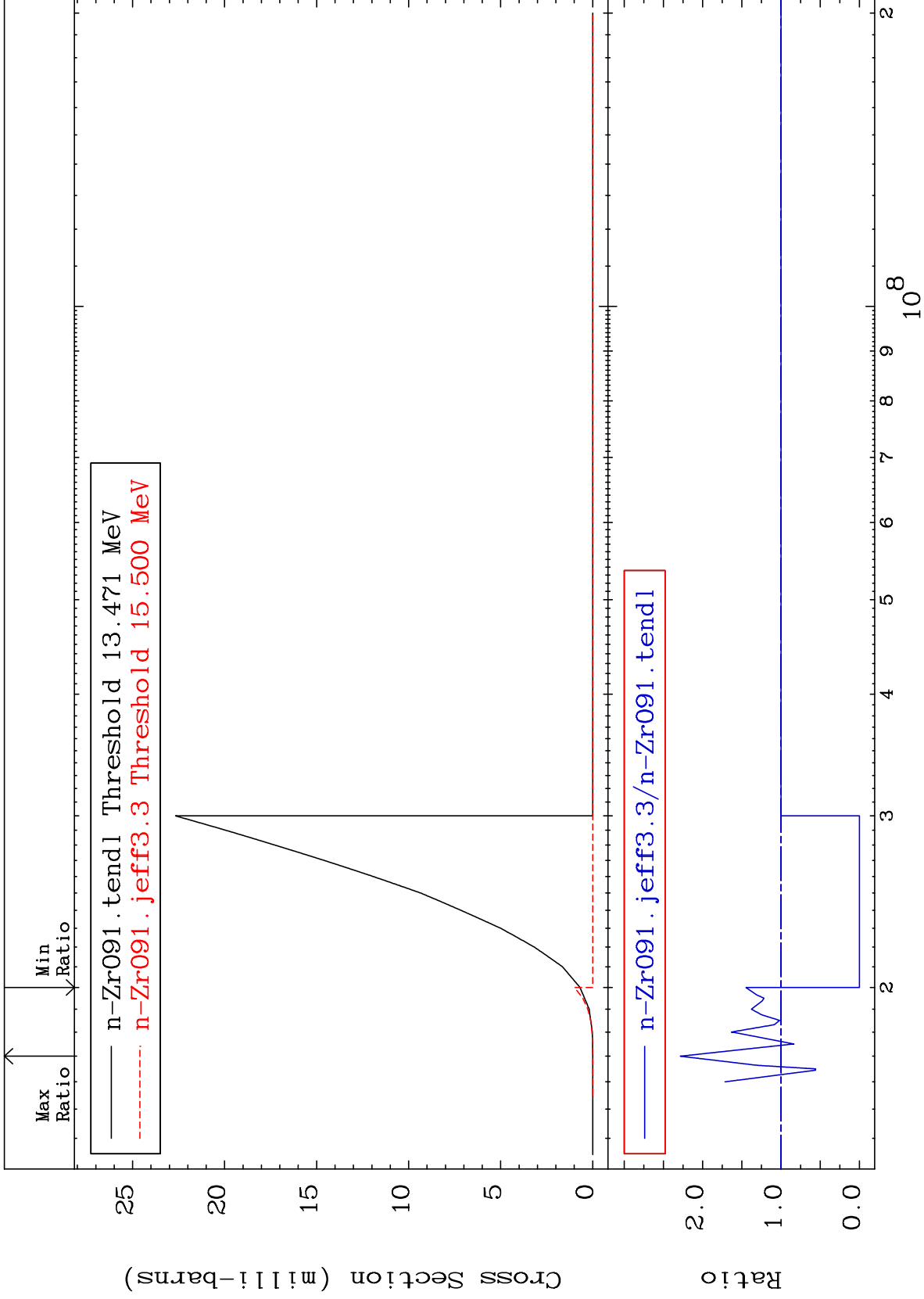




MAT 4028

(n, n') d  
Cross Section

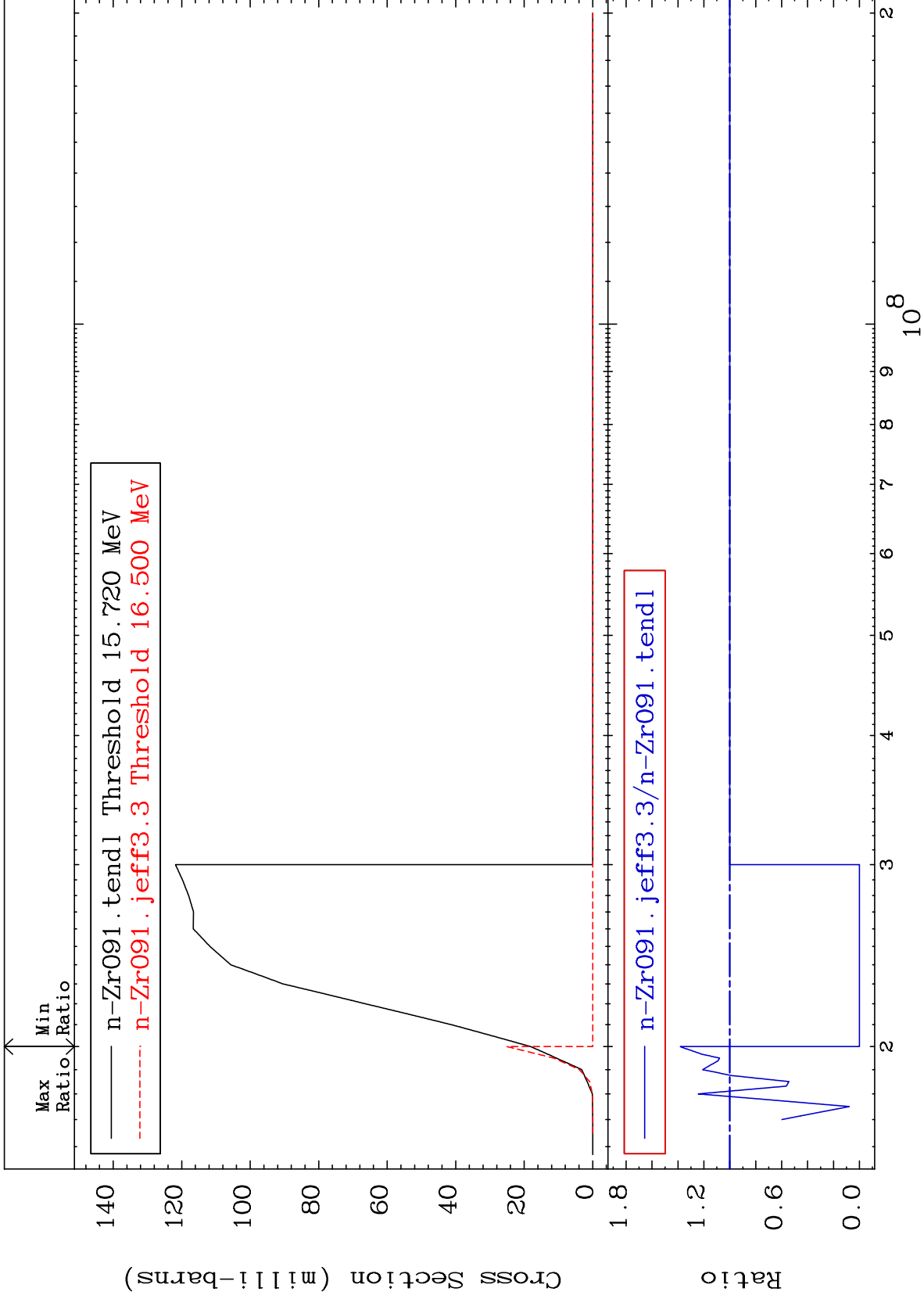
40-Zr-91  
-100.0 To 128.3 %



MAT 4028

(n,2n) p  
Cross Section

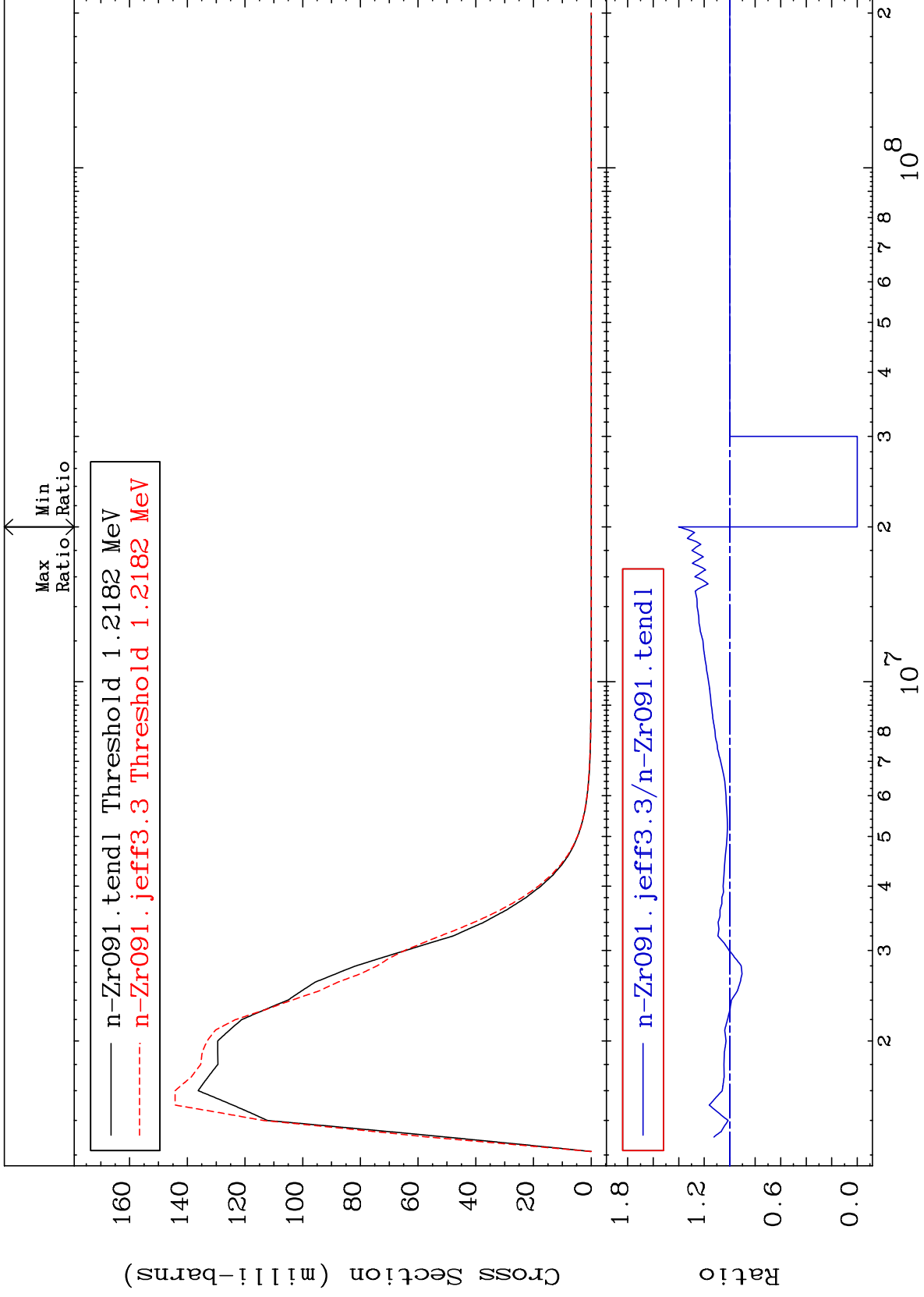
40-Zr-91  
-100.0 To 38.16 %



MAT 4028

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

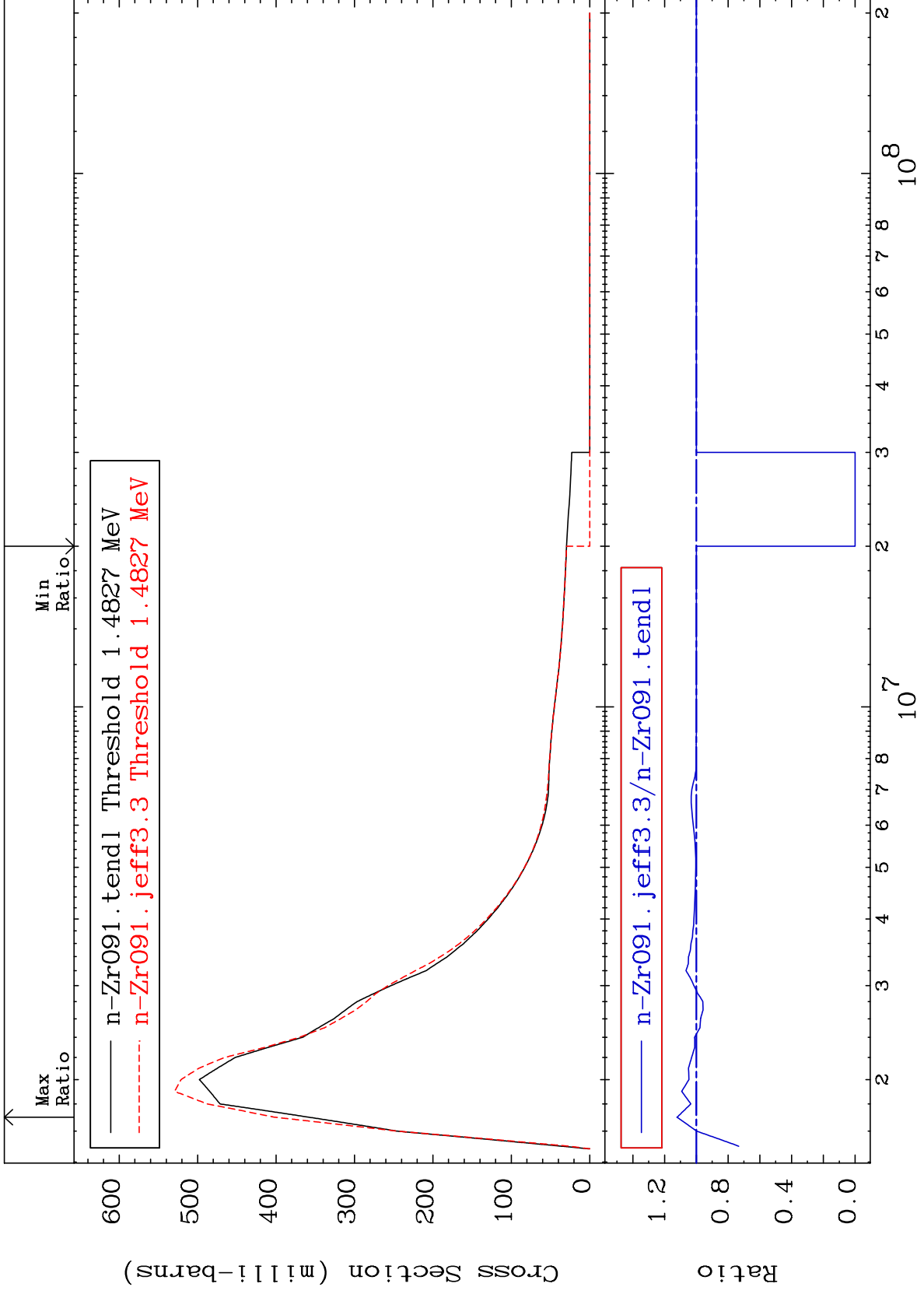
40-Zr-91  
-100.0 To 40.05 %



MAT 4028

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

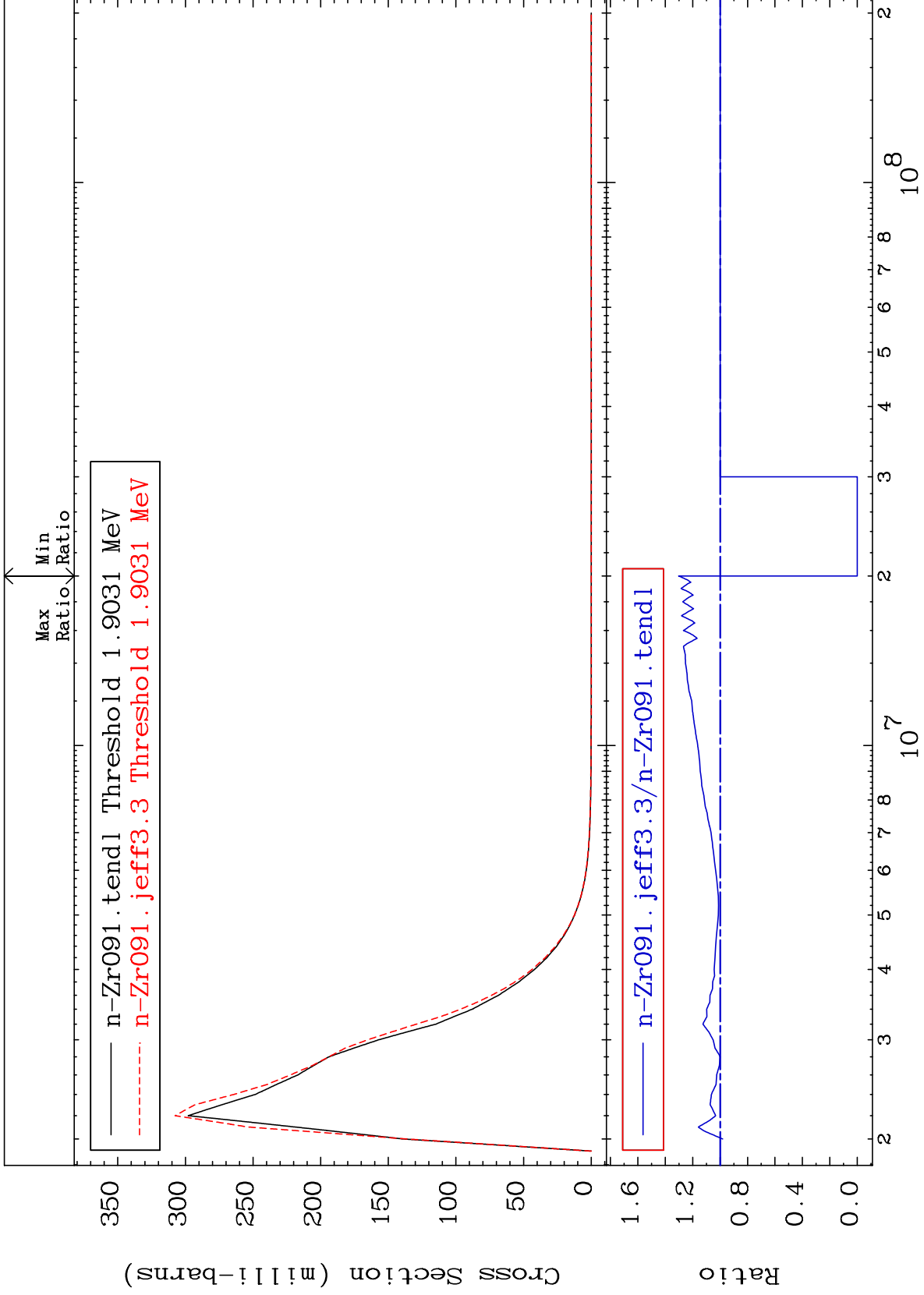
40-Zr-91  
-100.0 To 12.25 %



MAT 4028

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

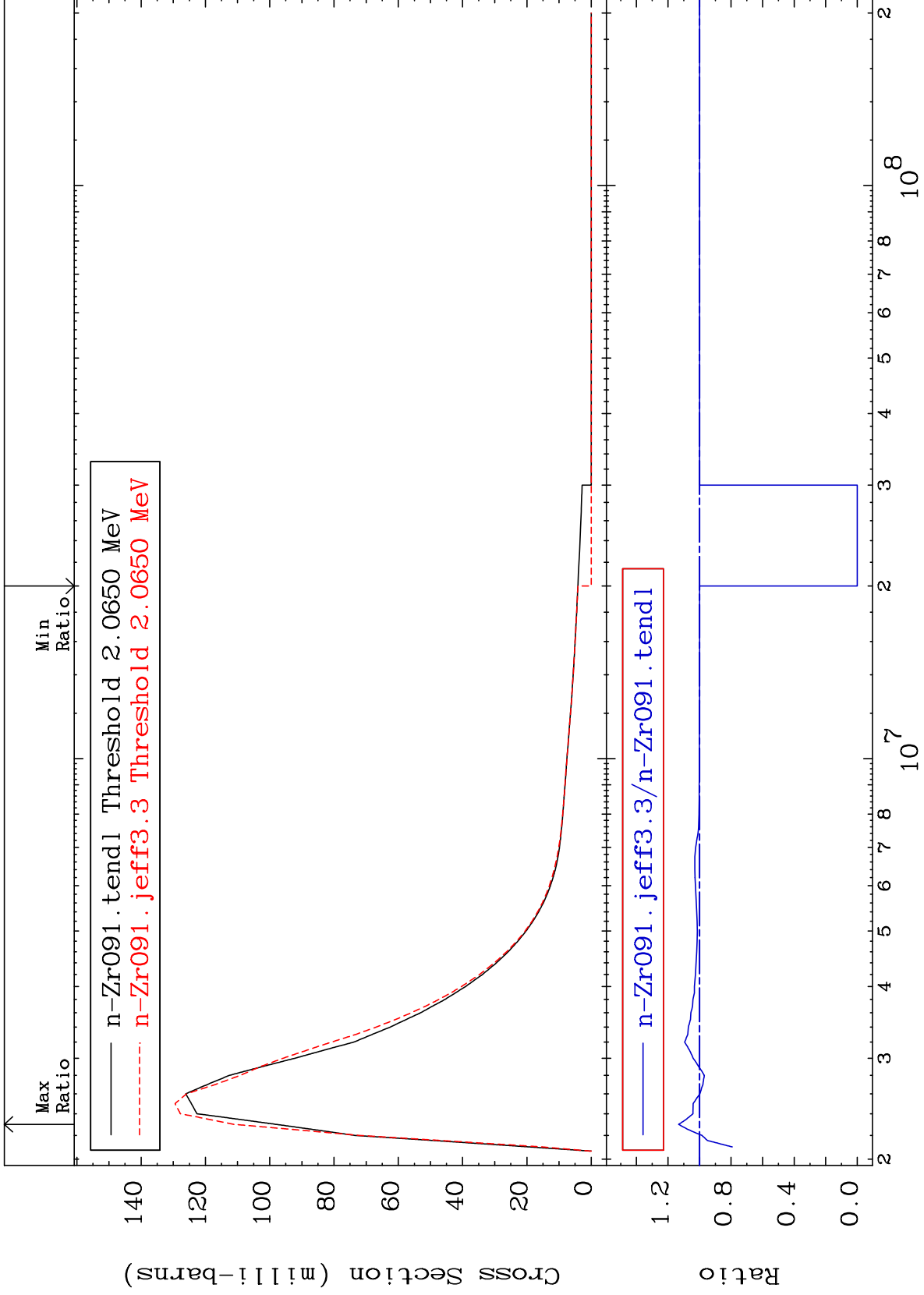
40-Zr-91  
-100.0 To 30.26 %



MAT 4028

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

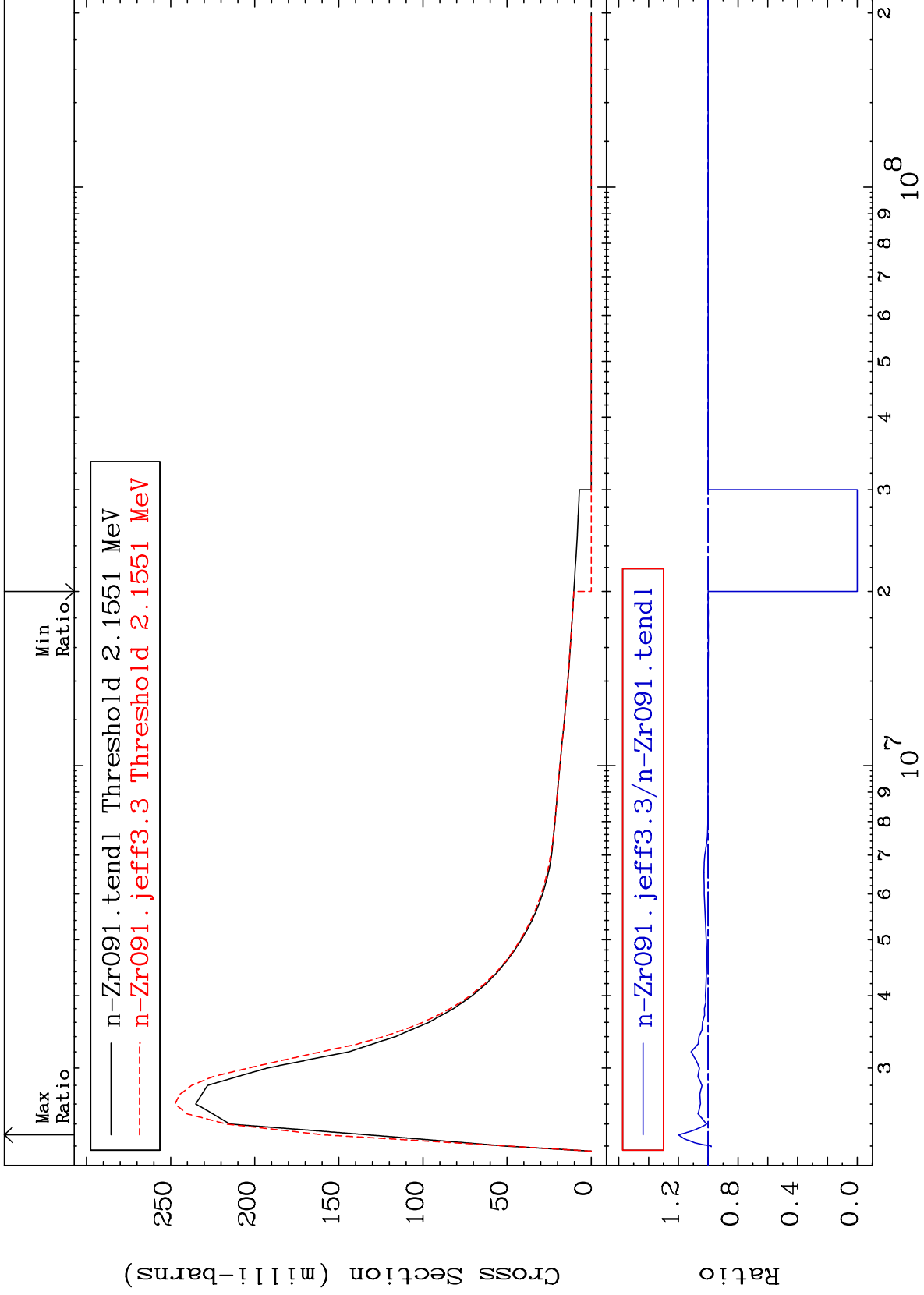
40-Zr-91  
-100.0 To 13.25 %



MAT 4028

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

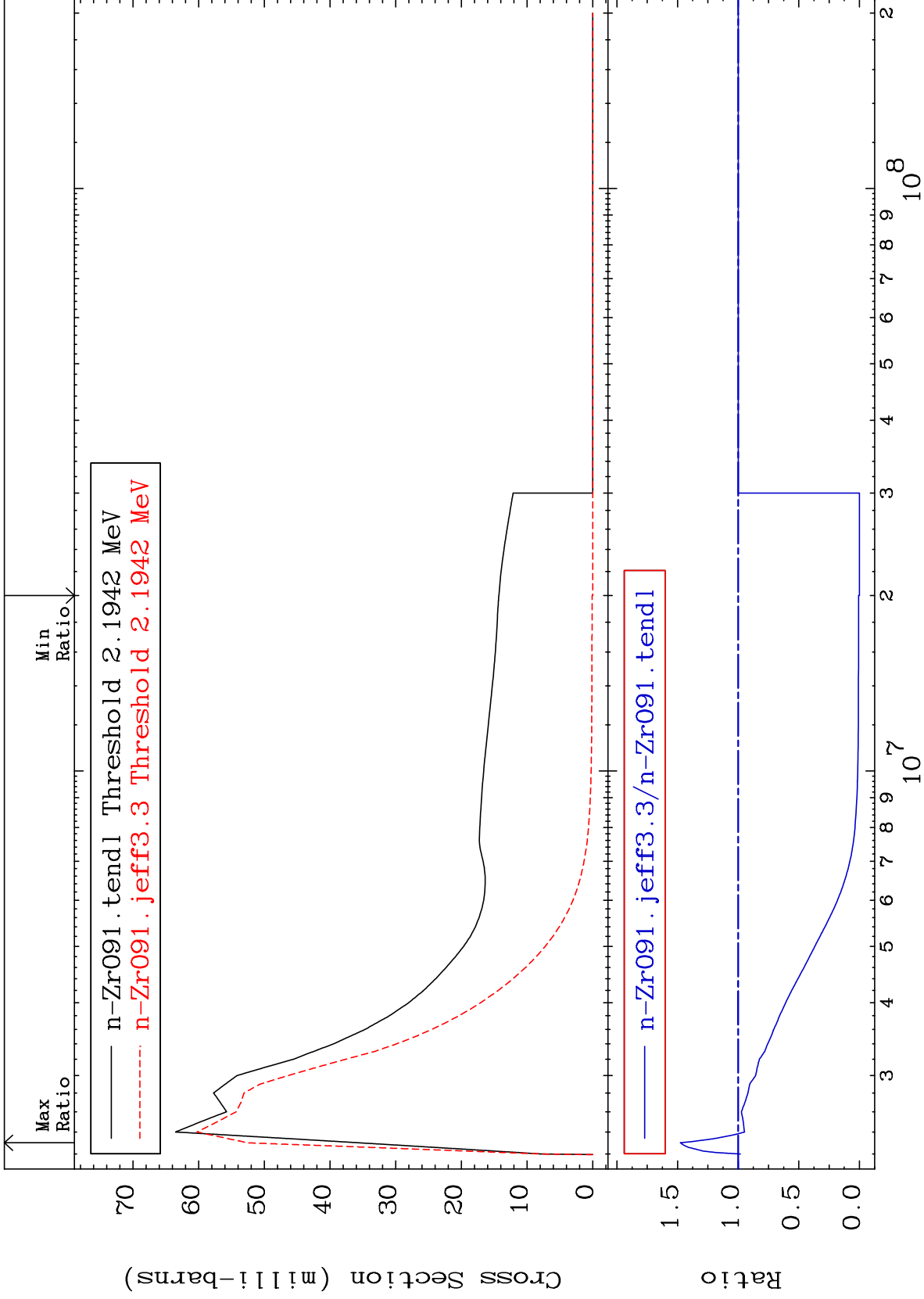
40-Zr-91  
-100.0 To 19.82 %



MAT 4028

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

40-Zr-91  
-100.0 To 47.69 %



16

Incident Energy (eV)

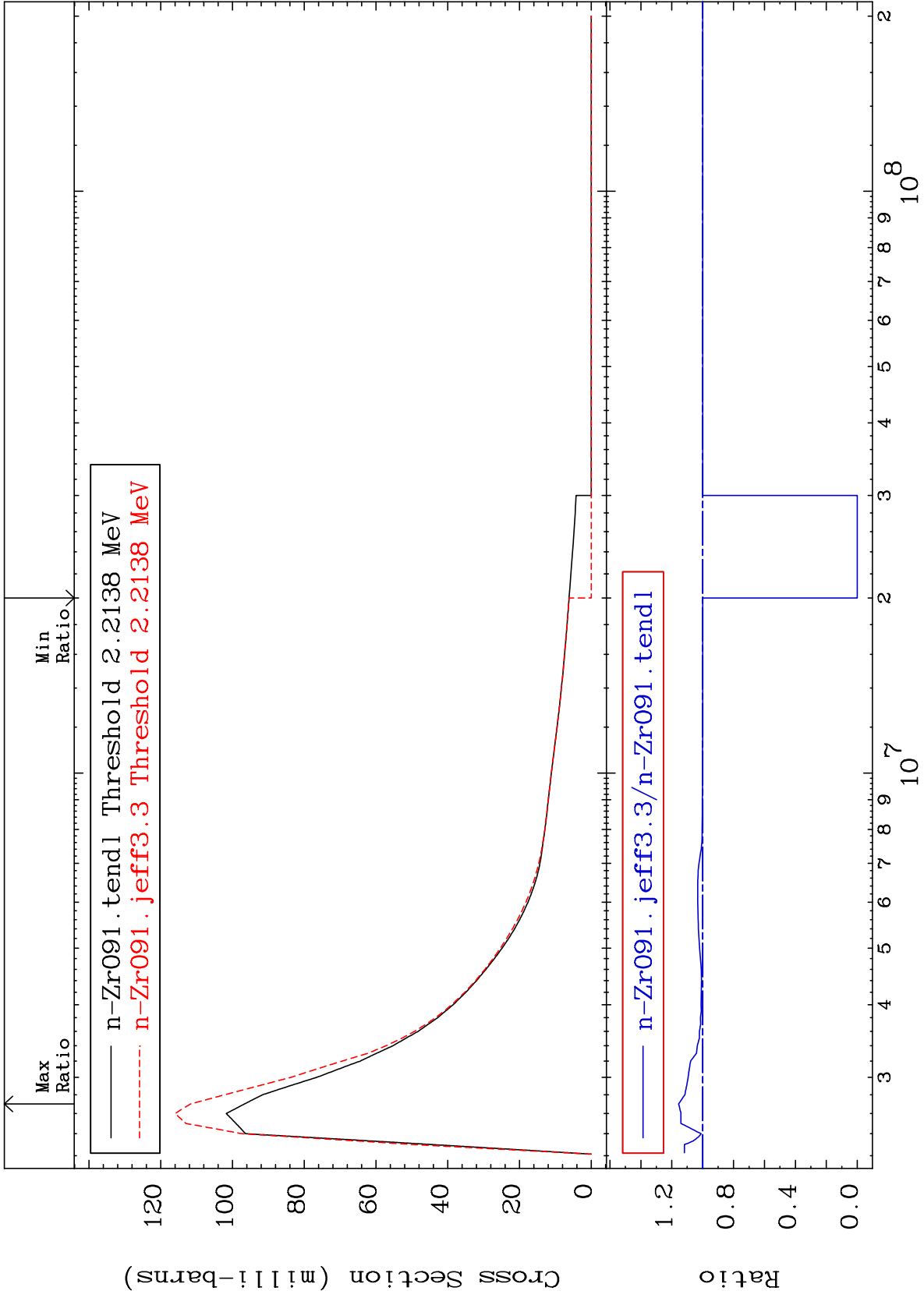
40-Zr-91



MAT 4028

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

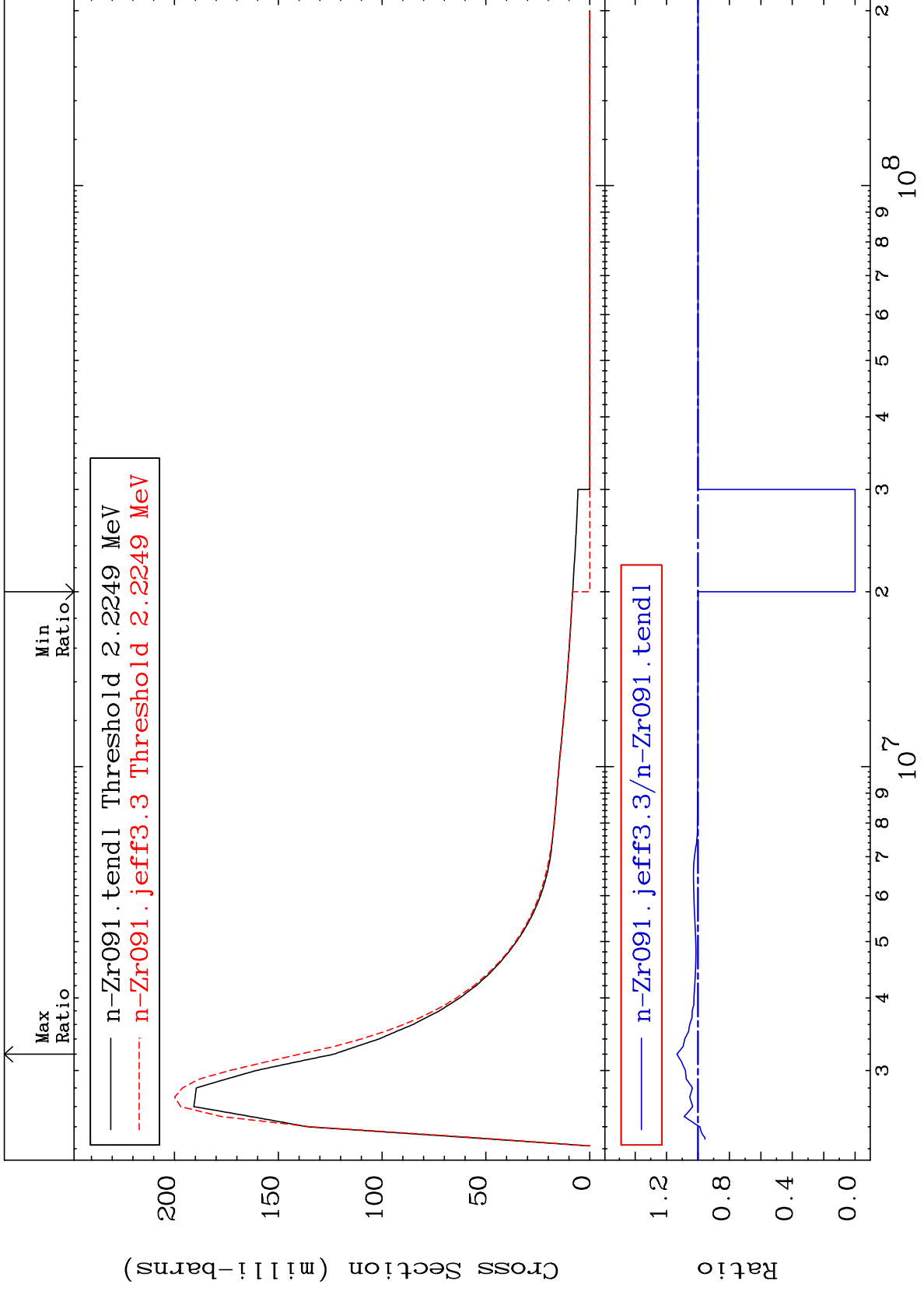
40-Zr-91  
-100.0 To 15.55 %



MAT 4028

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

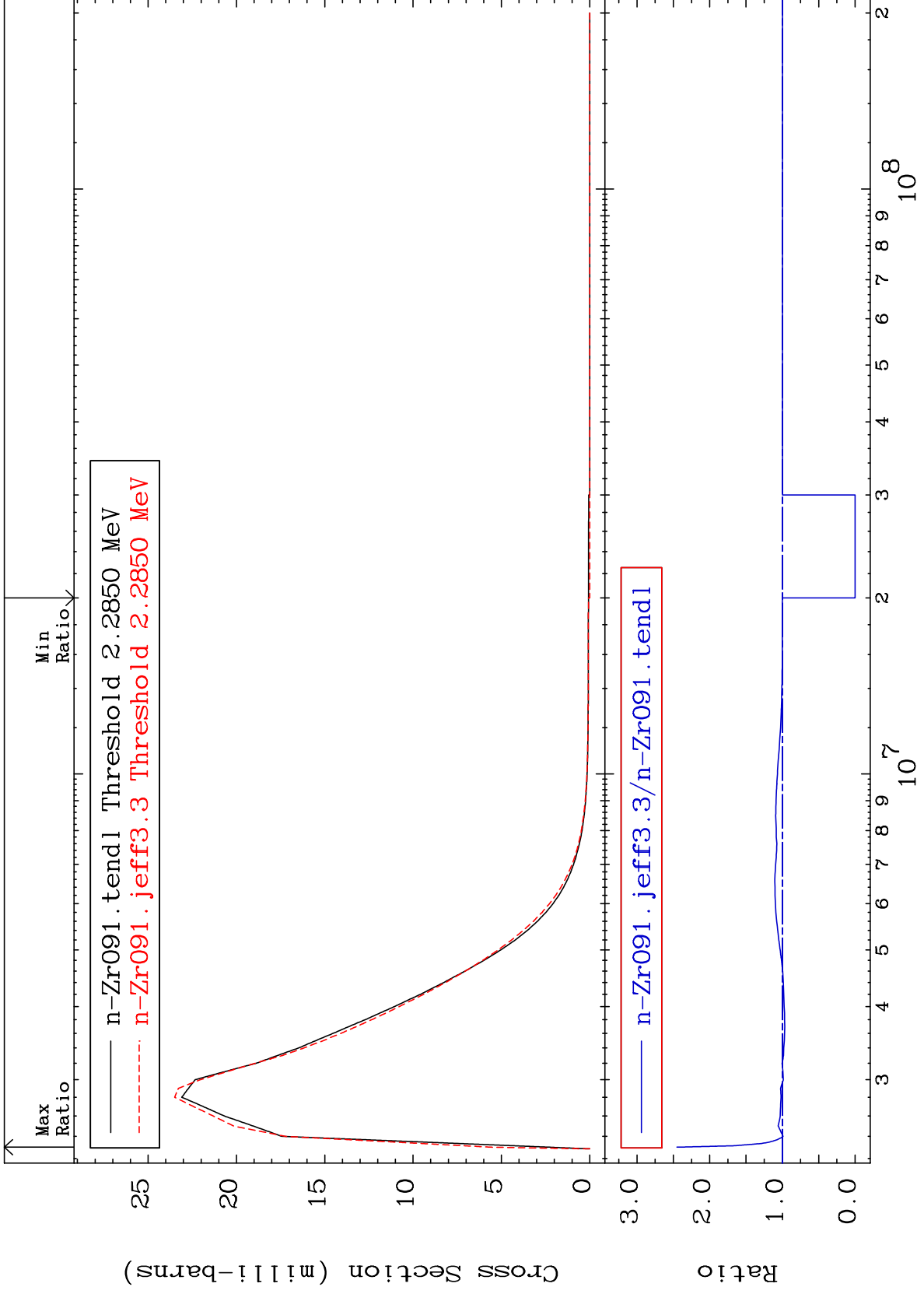
40-Zr-91  
-100.0 To 13.38 %



MAT 4028

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

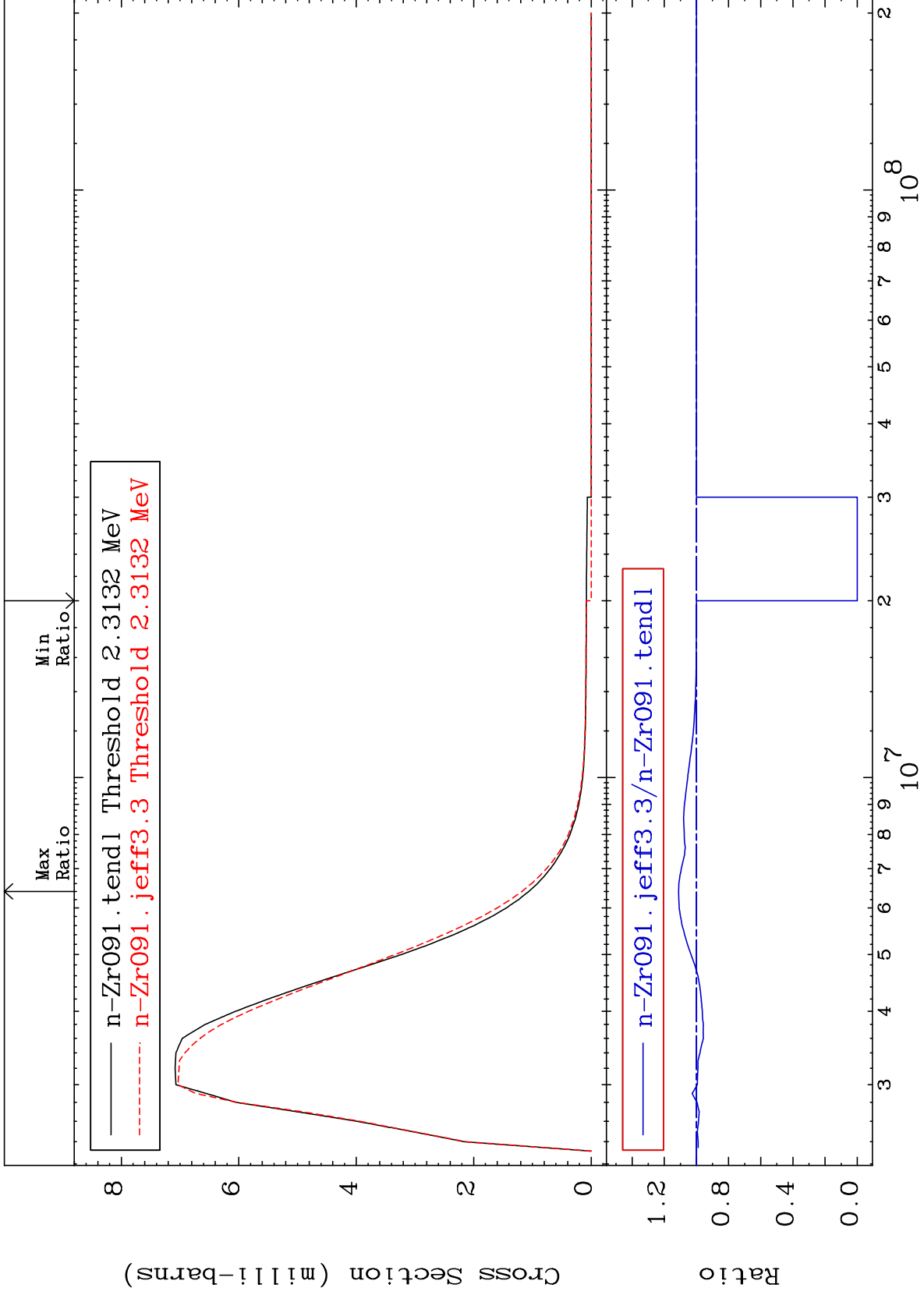
40-Zr-91  
-100.0 To 145.1 %



MAT 4028

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

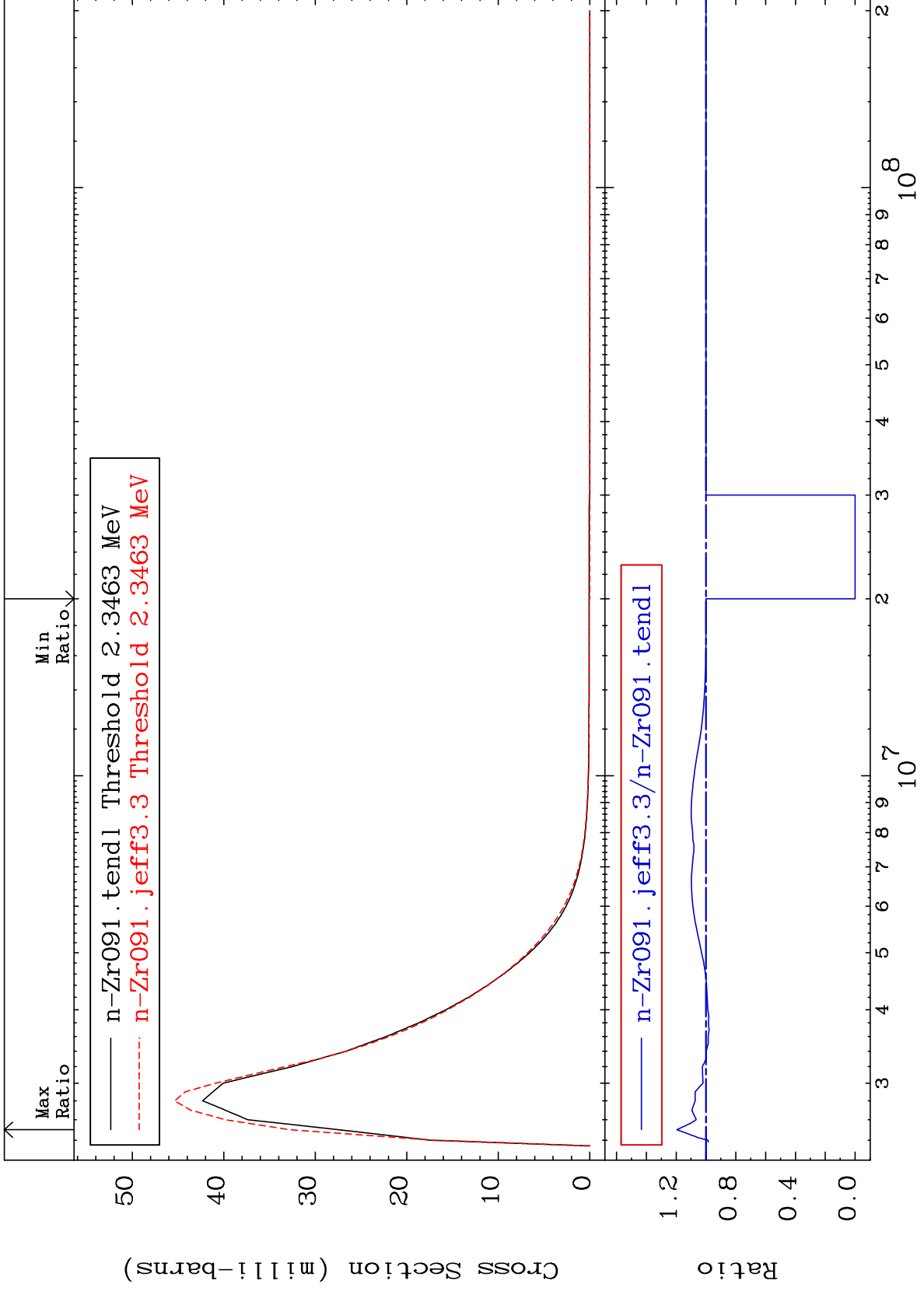
40-Zr-91  
-100.0 To 11.08 %



MAT 4028

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

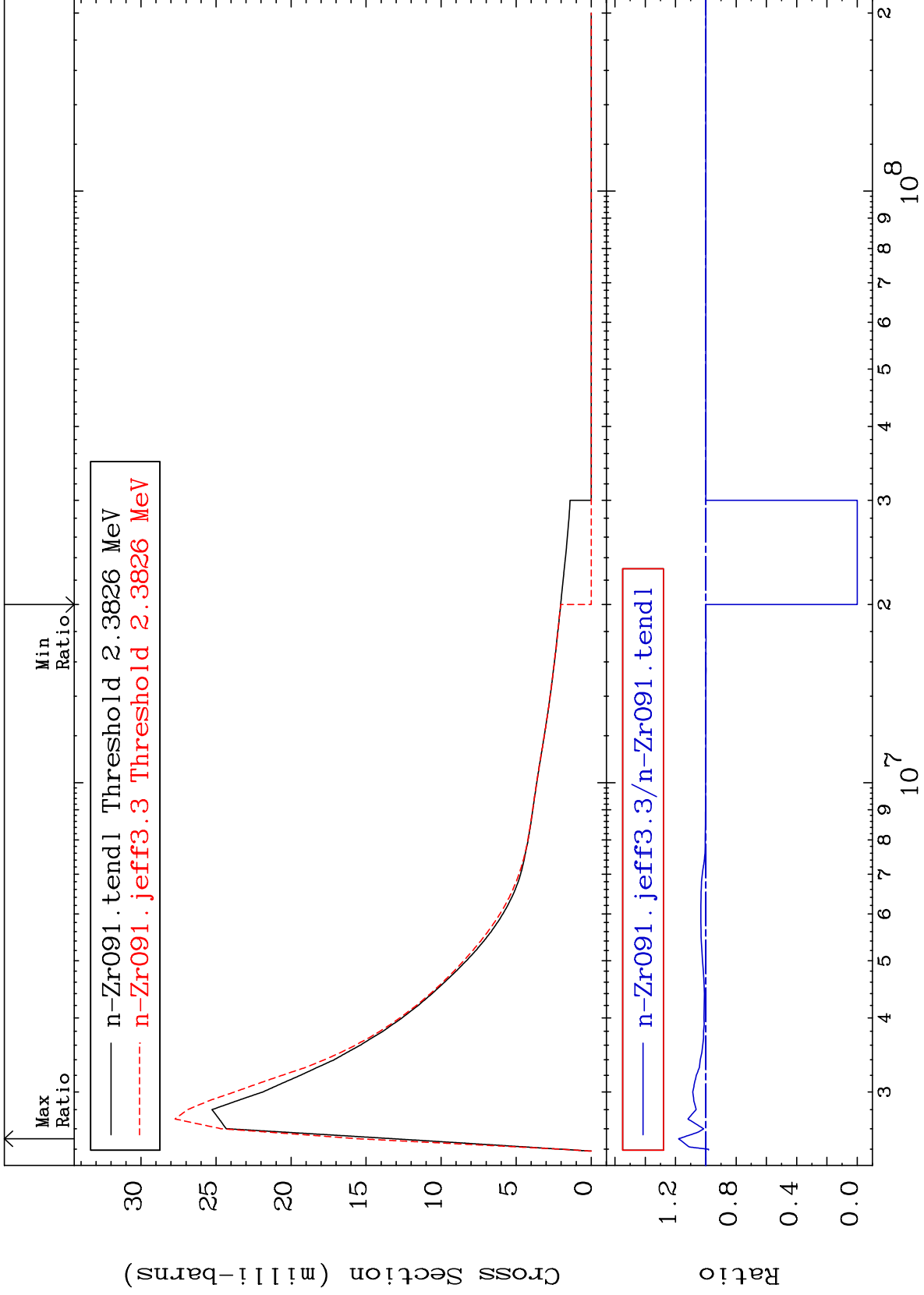
40-Zr-91  
-100.0 To 19.49 %



MAT 4028

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

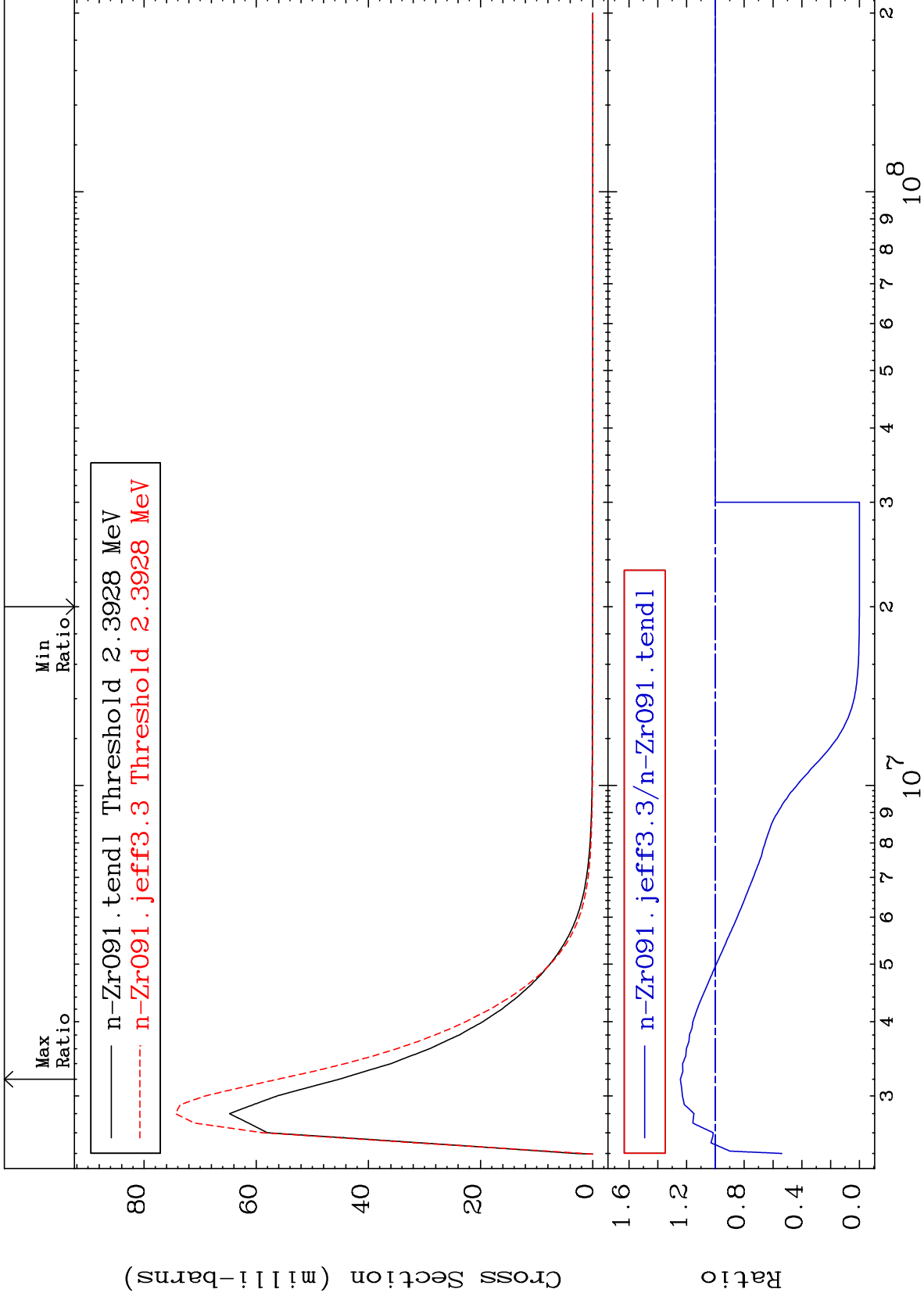
40-Zr-91  
-100.0 To 17.98 %



MAT 4028

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

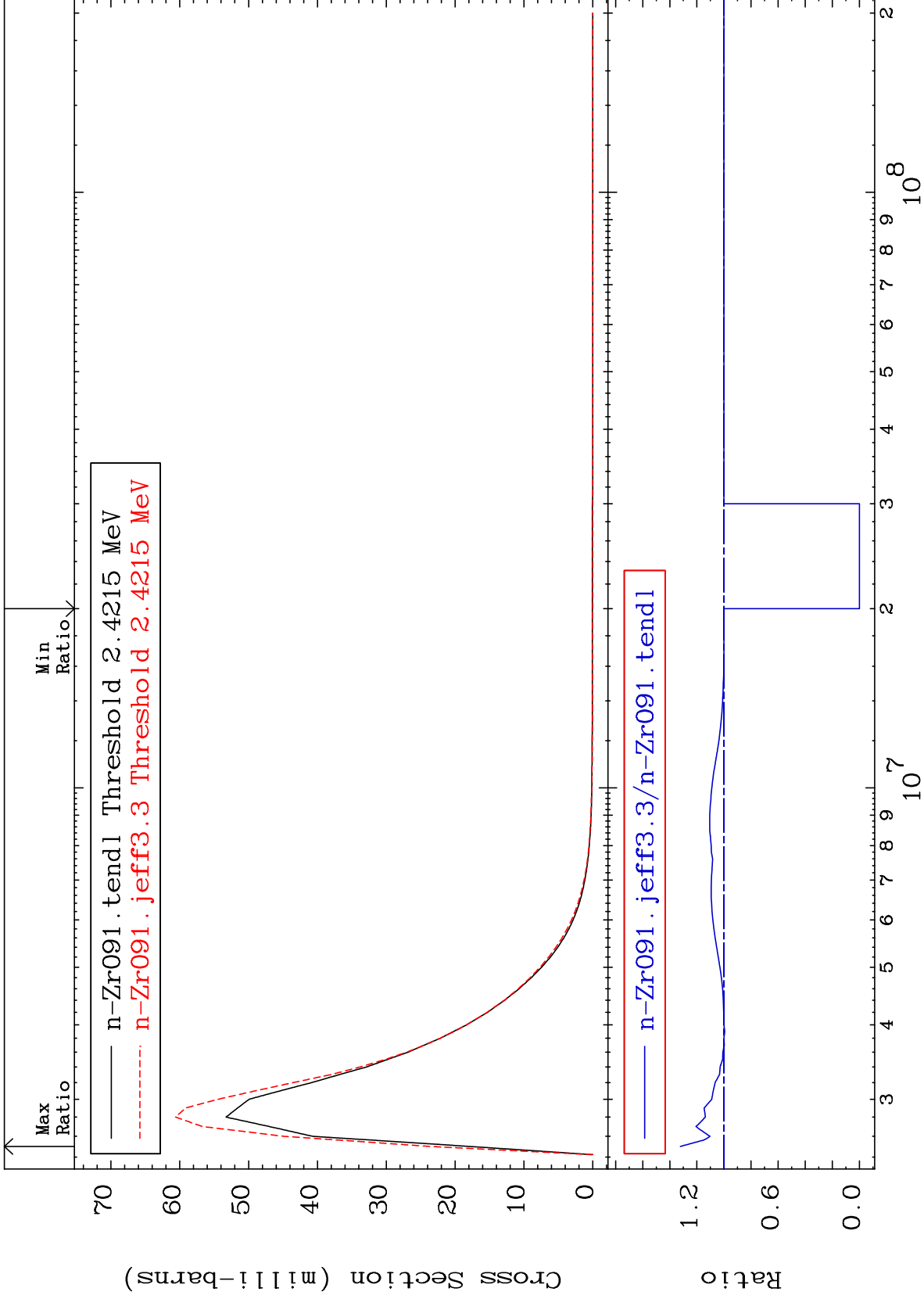
40-Zr-91  
-100.0 To 24.32 %



MAT 4028

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

40-Zr-91  
-100.0 To 32.19 %

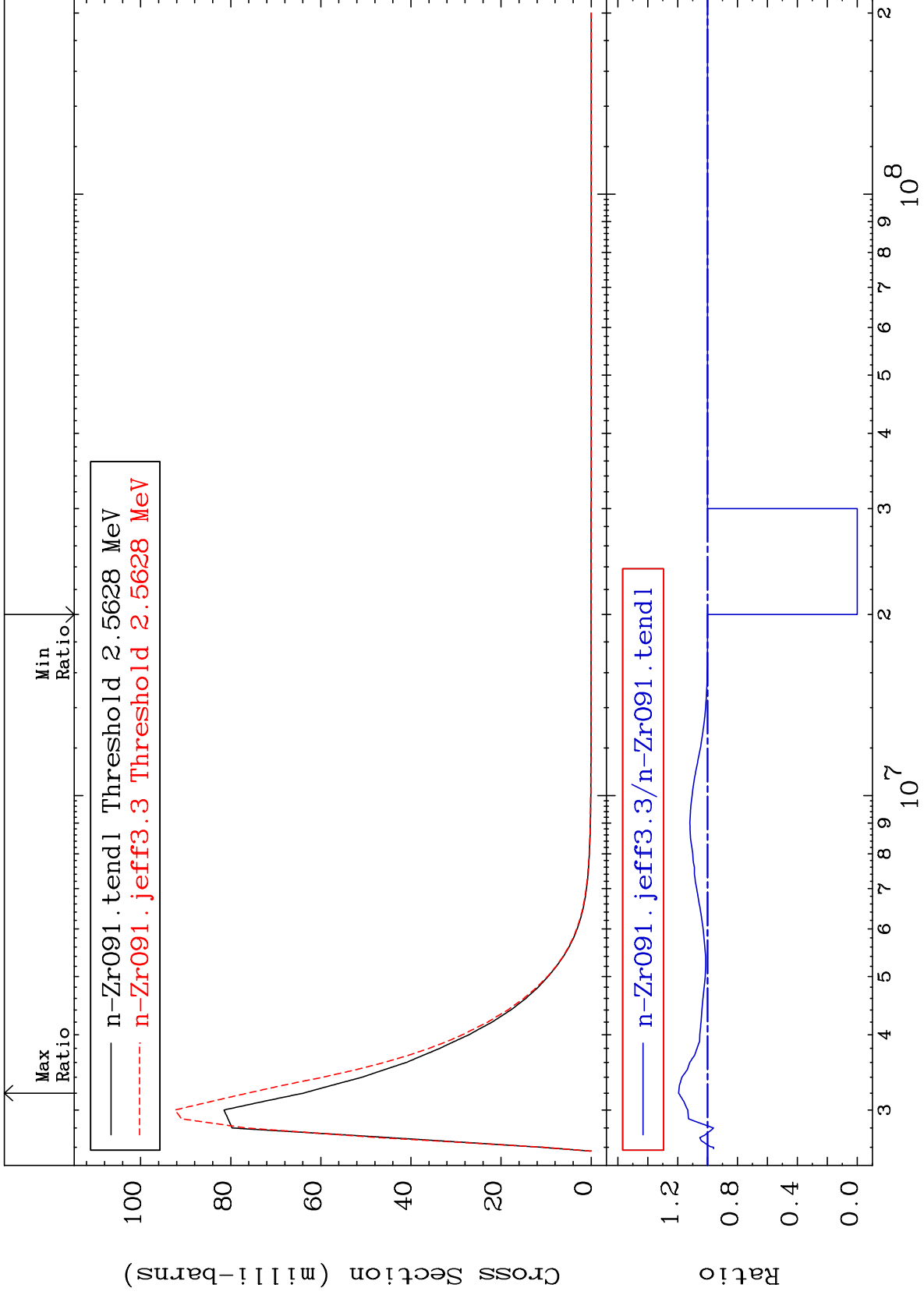




MAT 4028

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

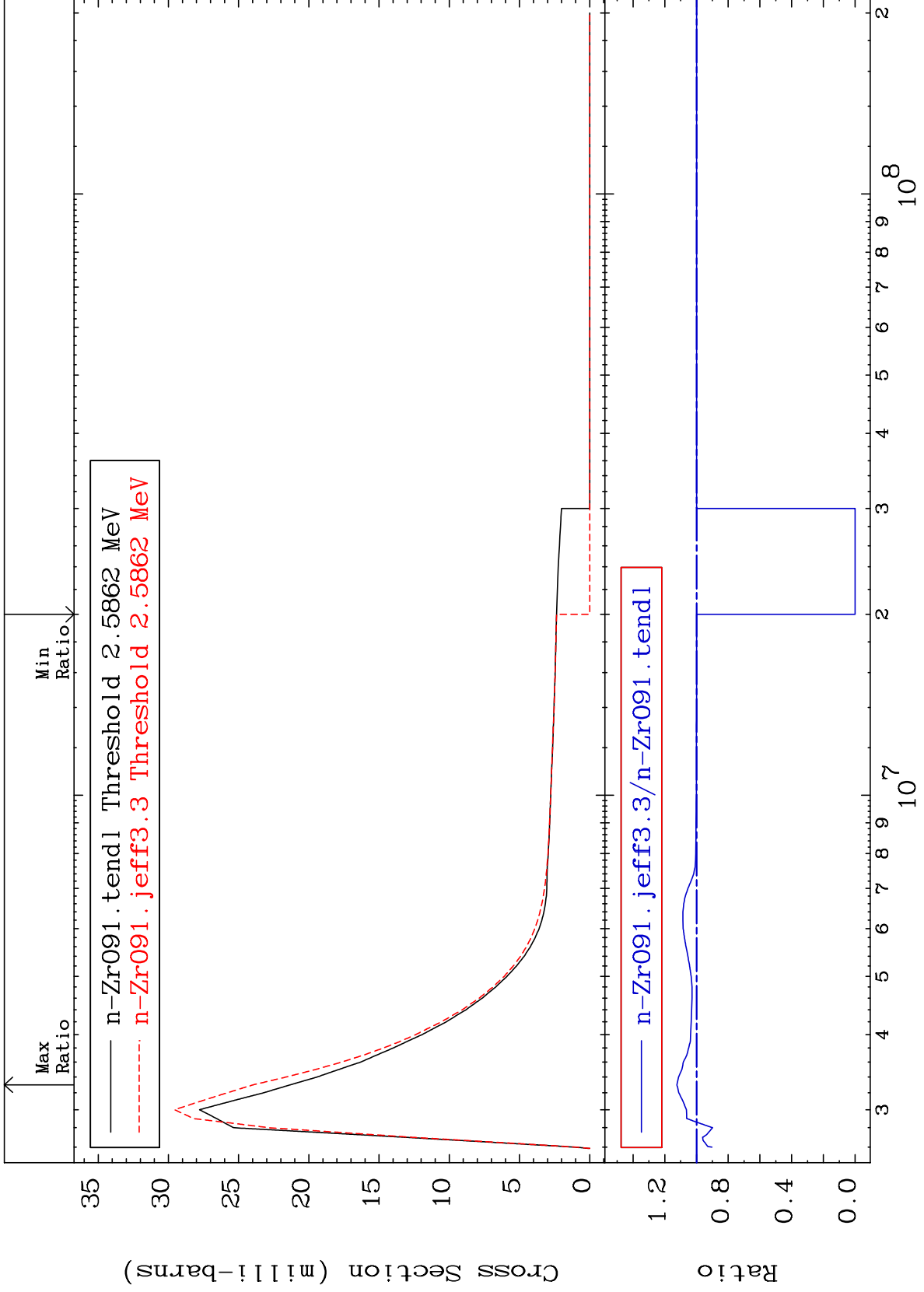
40-Zr-91  
-100.0 To 19.36 %



MAT 4028

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

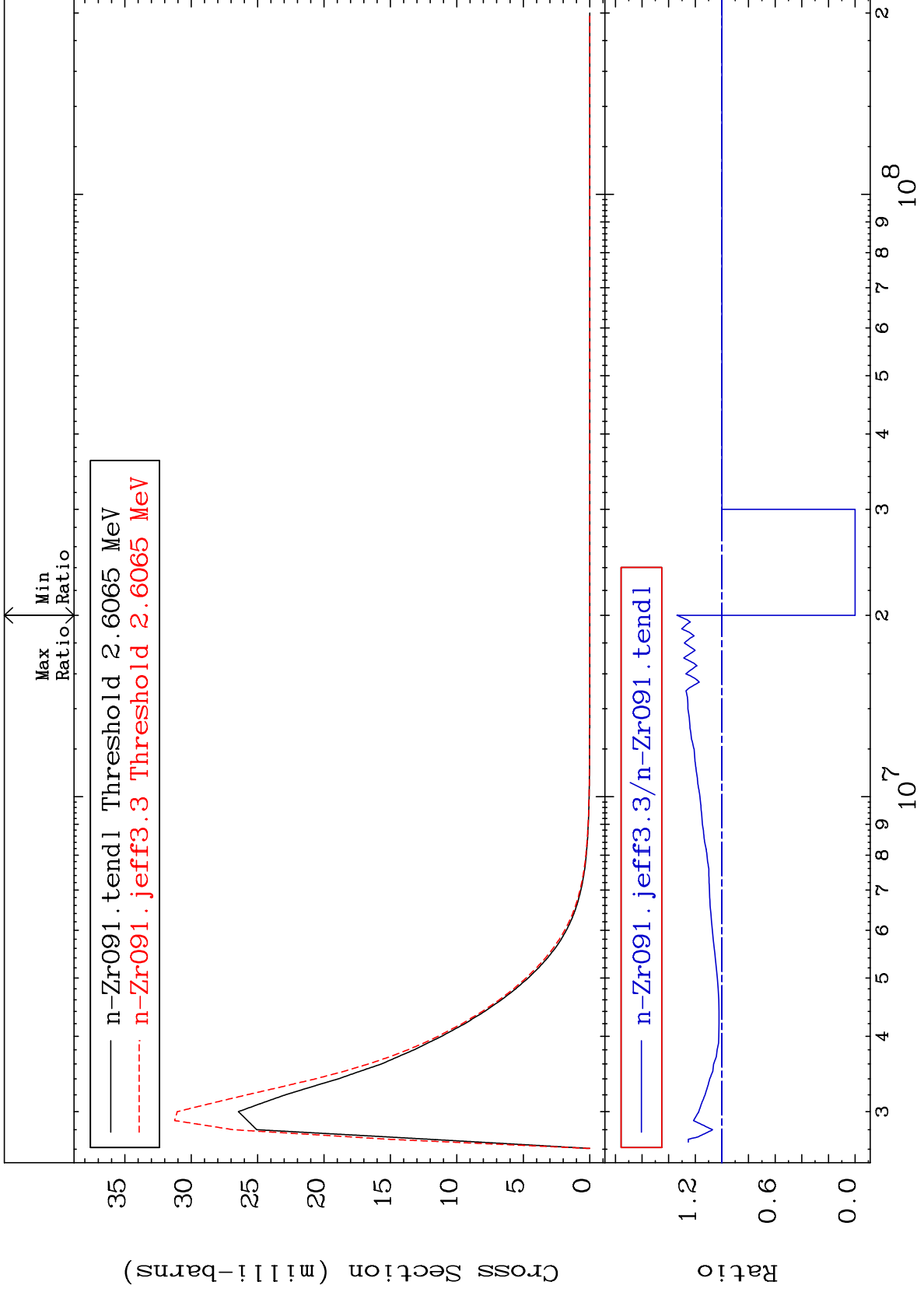
40-Zr-91  
-100.0 To 12.35 %



MAT 4028

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

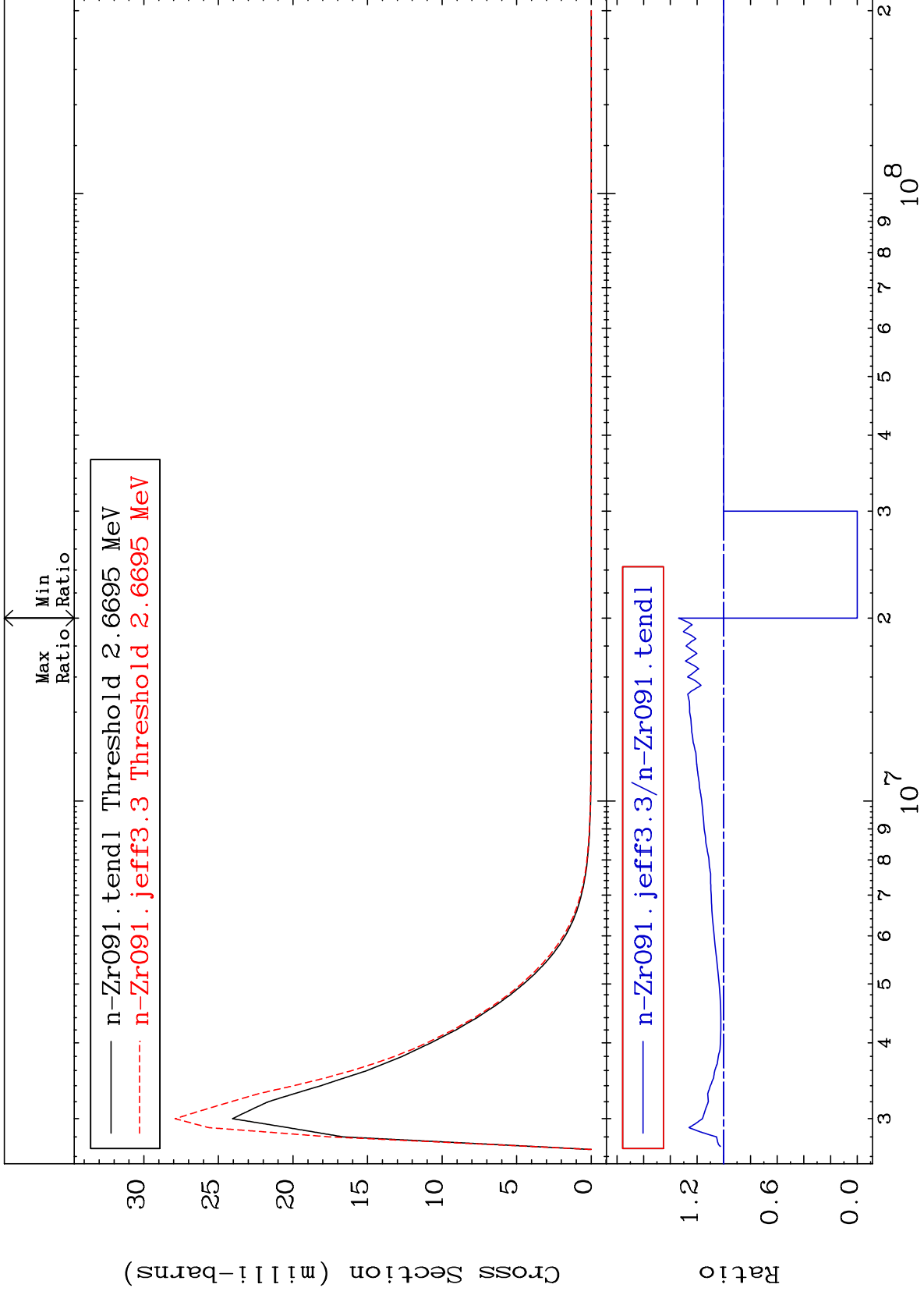
40-Zr-91  
-100.0 To 33.78 %



MAT 4028

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

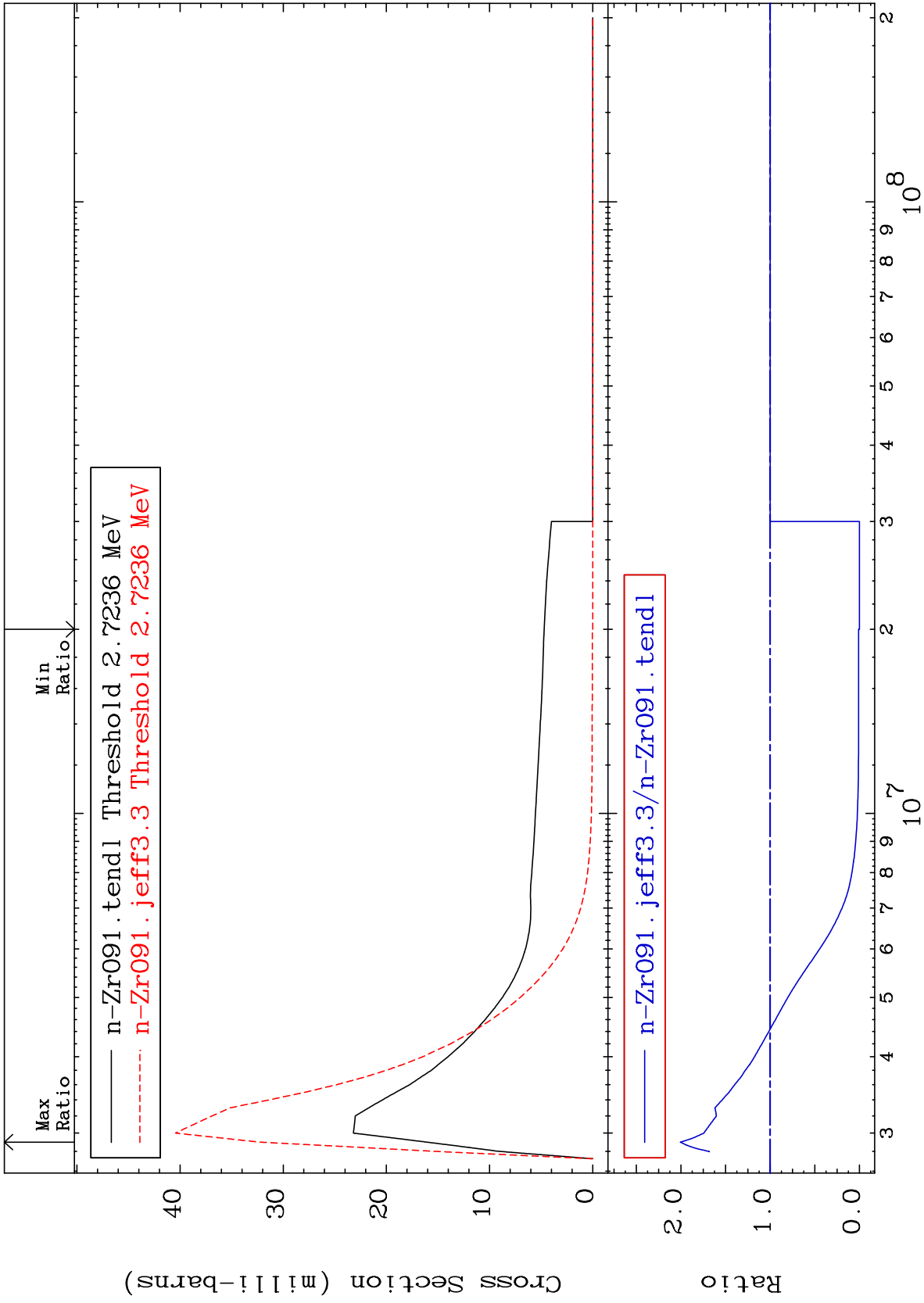
40-Zr-91  
-100.0 To 33.80 %



MAT 4028

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

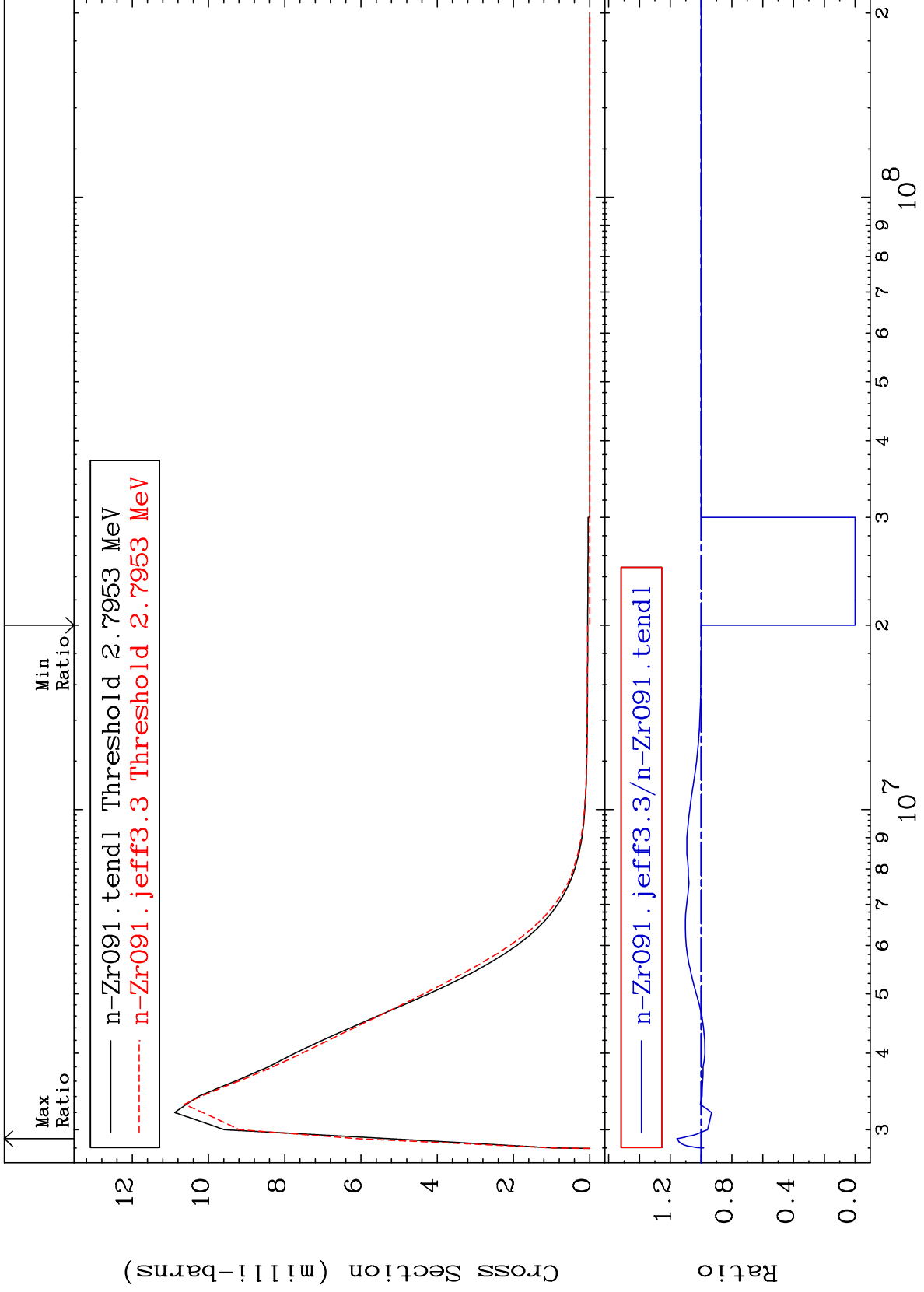
40-Zr-91  
-100.0 To 100.7 %



MAT 4028

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

40-Zr-91  
-100.0 To 15.70 %



30

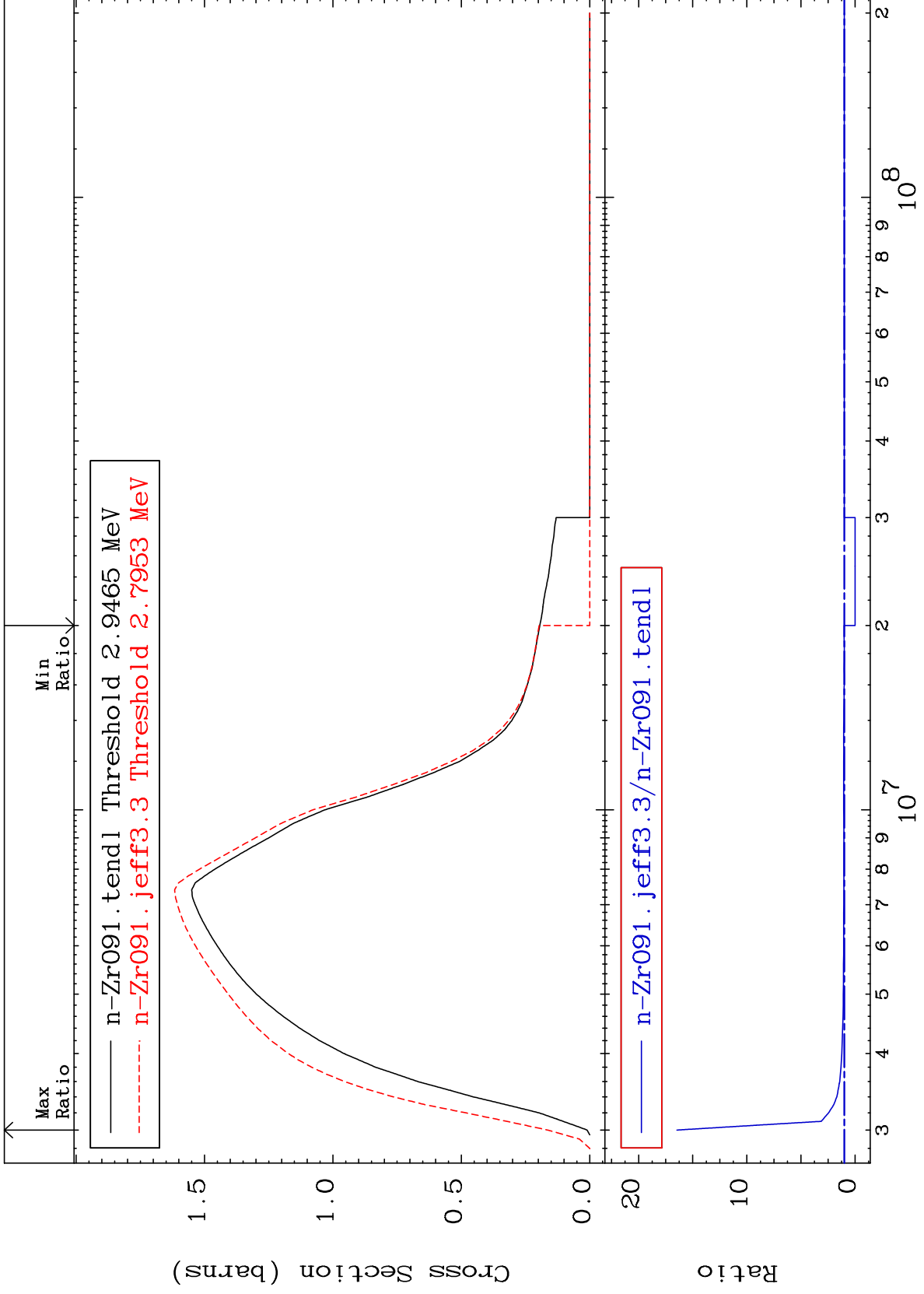
Incident Energy (eV)

40-Zr-91

MAT 4028

(n, n') Continuum  
Cross Section

40-Zr-91  
-100.0 To 1546. %



31

Incident Energy (eV)

40-Zr-91

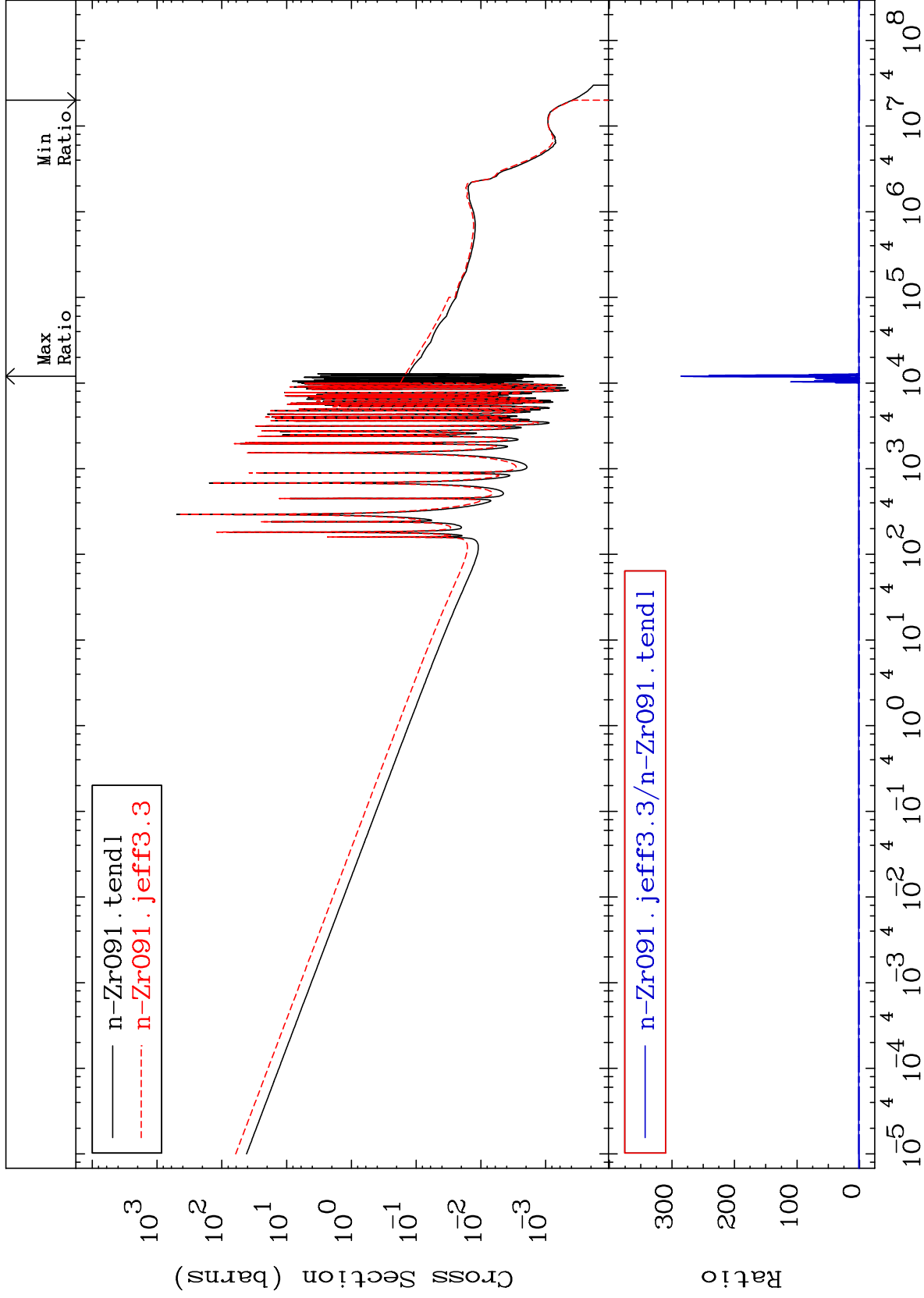
MAT 4028

(n,  $\gamma$ )

40-Zr-91

Cross Section

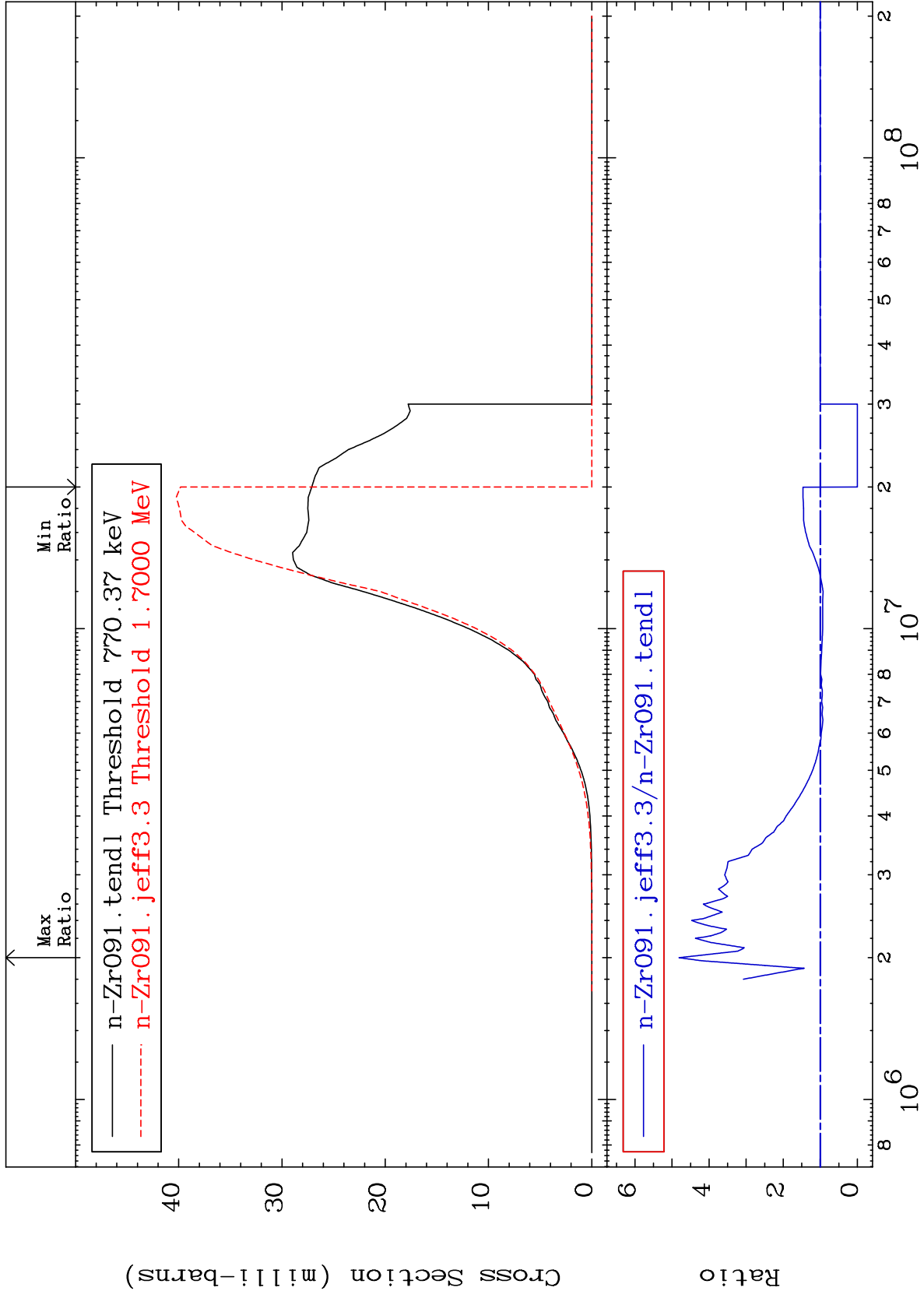
-100.0 To 9999. %





MAT 4028

(n,p)  
Cross Section  
40-Zr-91  
-100.0 To 381.0 %



33

Incident Energy (eV)

40-Zr-91

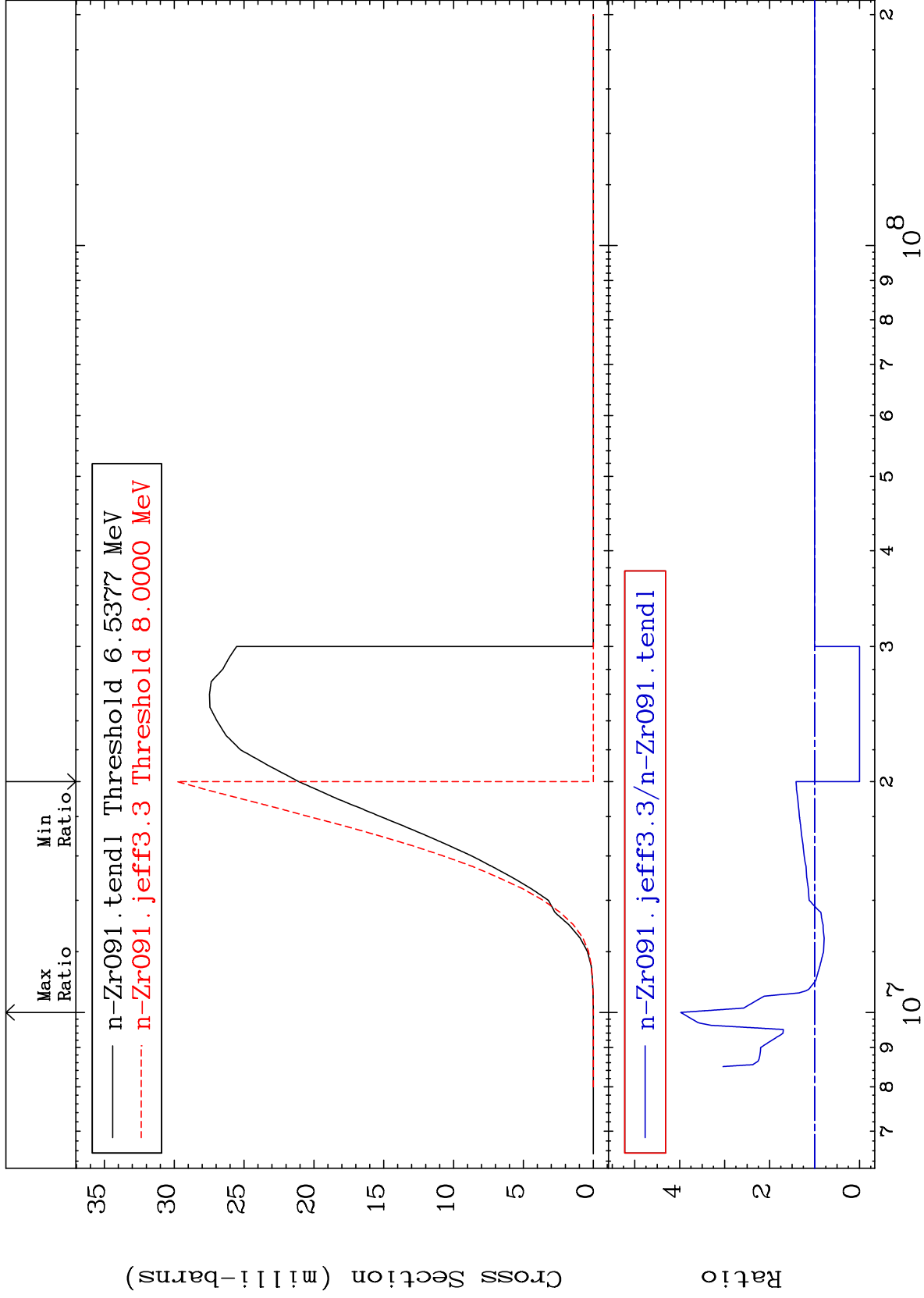
MAT 4028

(n, d)

40-Zr-91

Cross Section

-100.0 To 297.5 %



34

Incident Energy (eV)

40-Zr-91

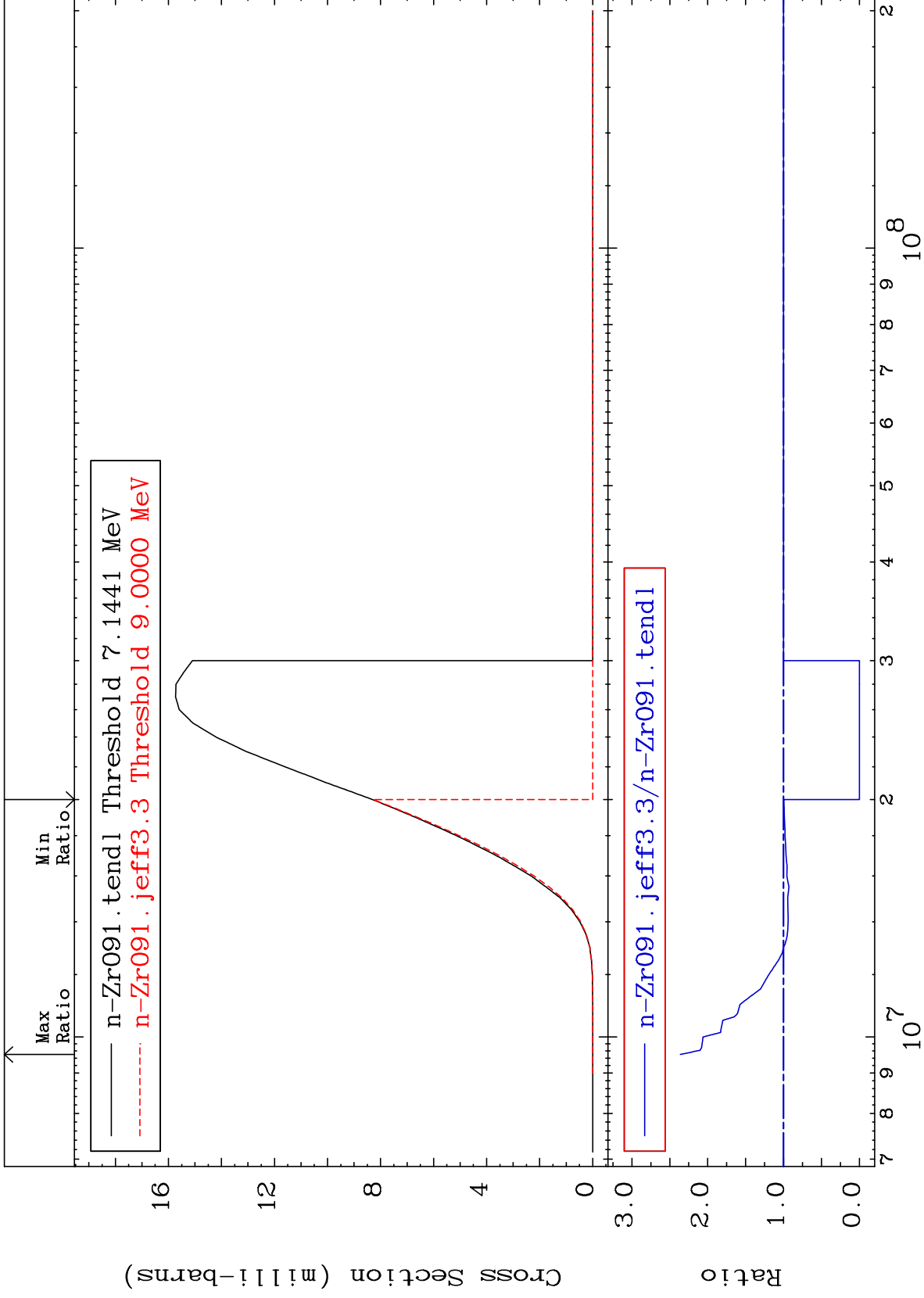
MAT 4028

(n, t)

40-Zr-91

Cross Section

-100.0 To 136.1 %



35

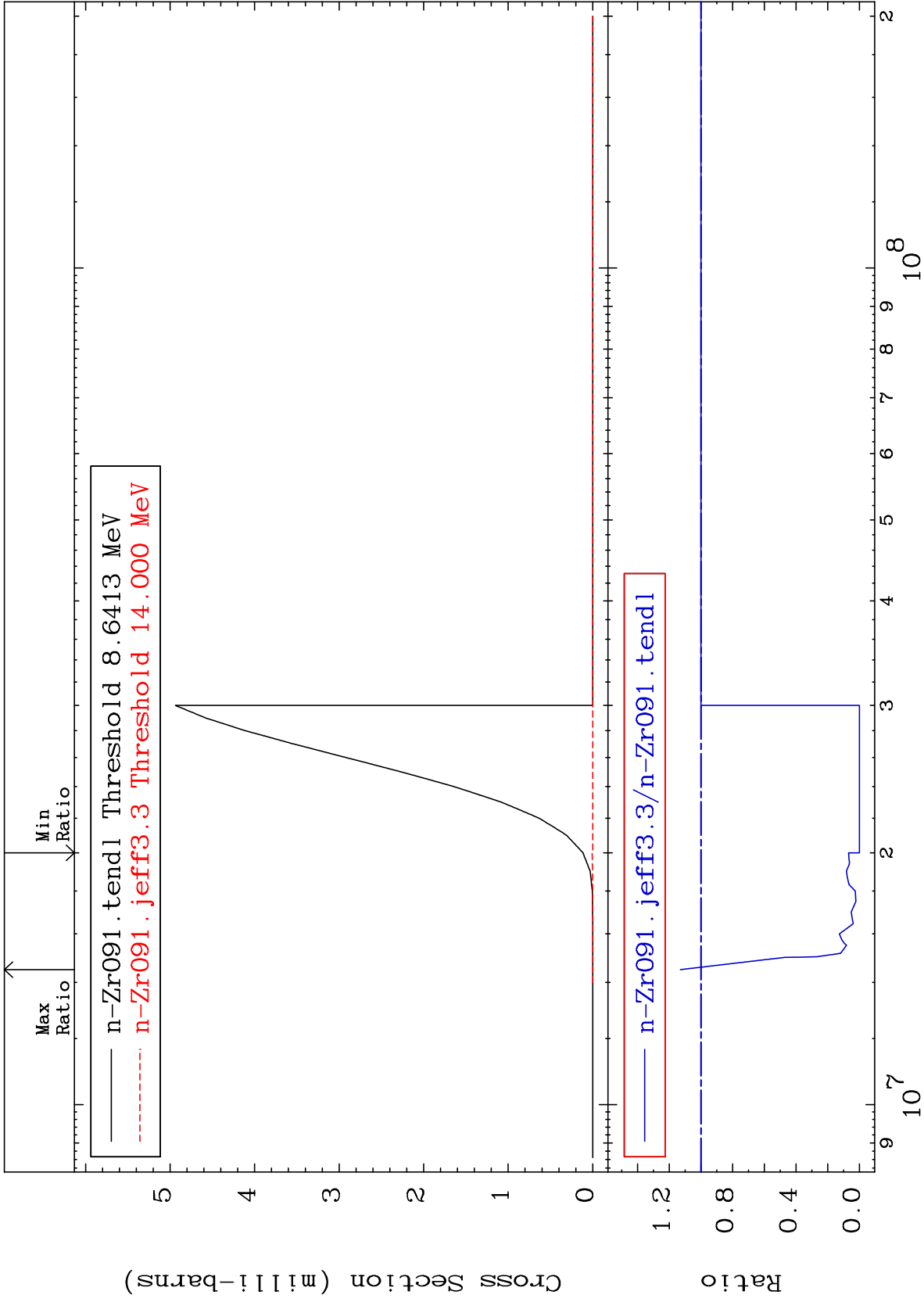
MAT 4028

(n, He-3)

40-Zr-91

Cross Section

-100.0 To 12.99 %



36

Incident Energy (eV)

40-Zr-91

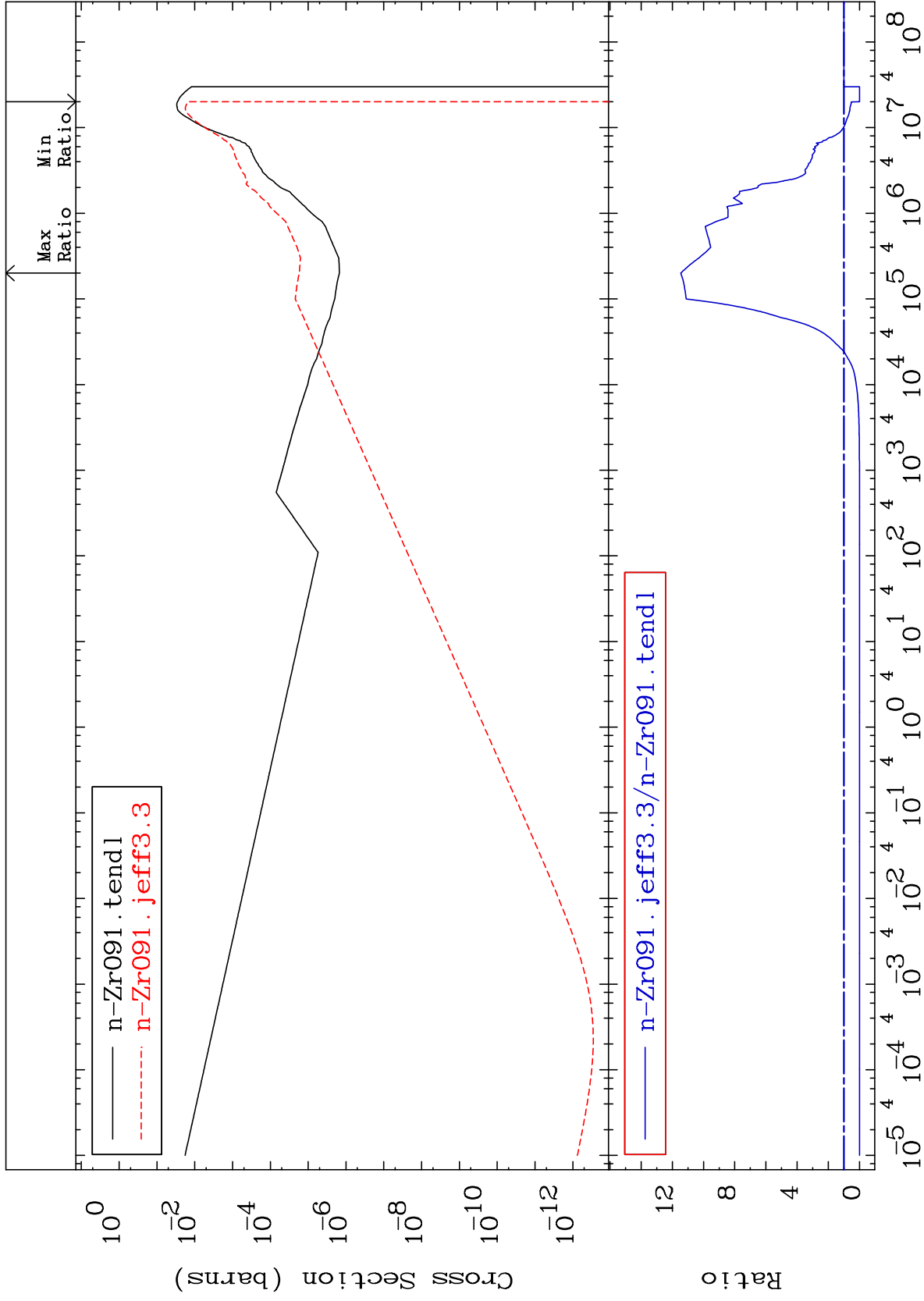
MAT 4028

(n,  $\alpha$ )

40-Zr-91

Cross Section

-100.0 To 1046. %



37

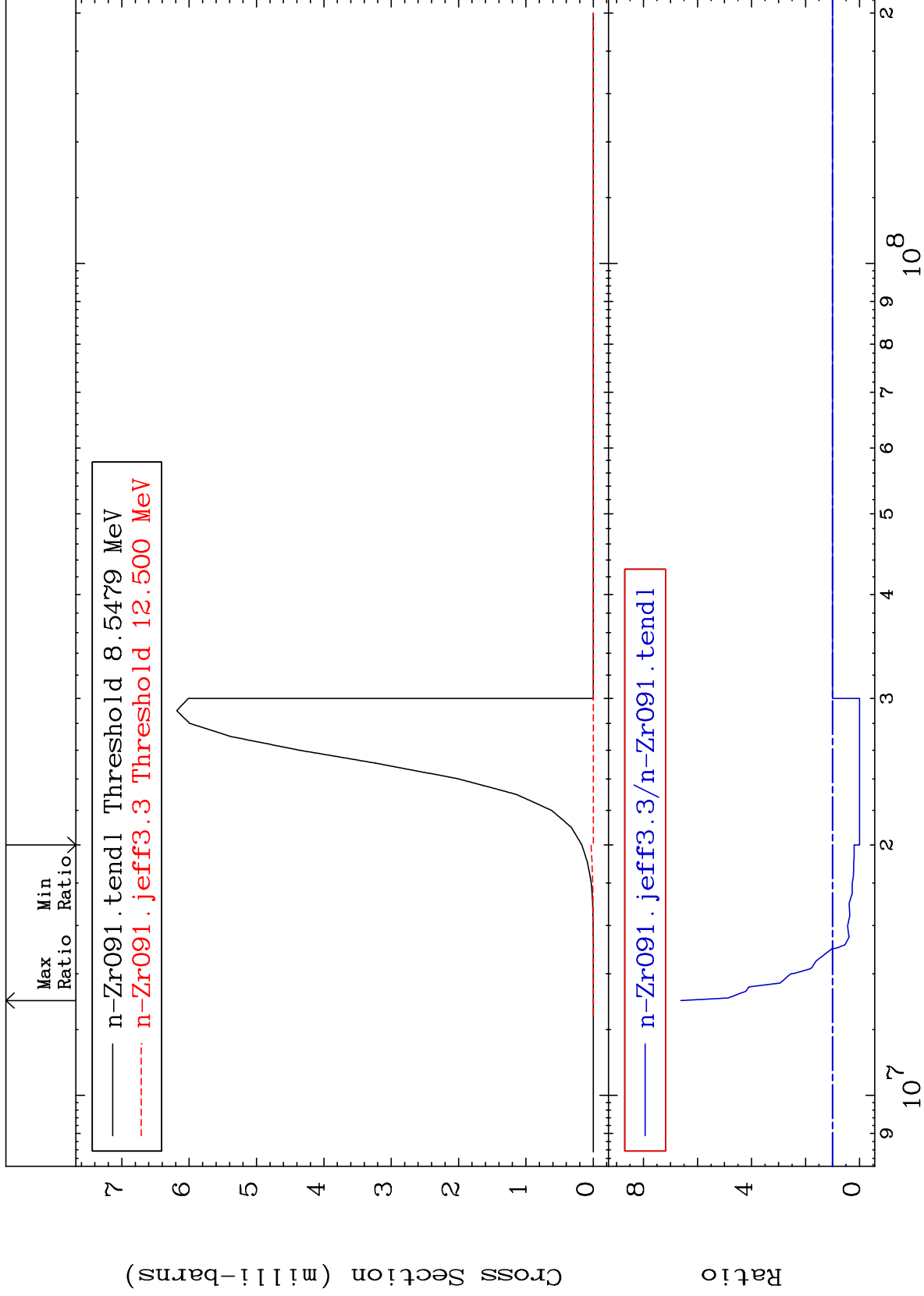
Incident Energy (eV)

40-Zr-91

MAT 4028

(n,2p)  
Cross Section

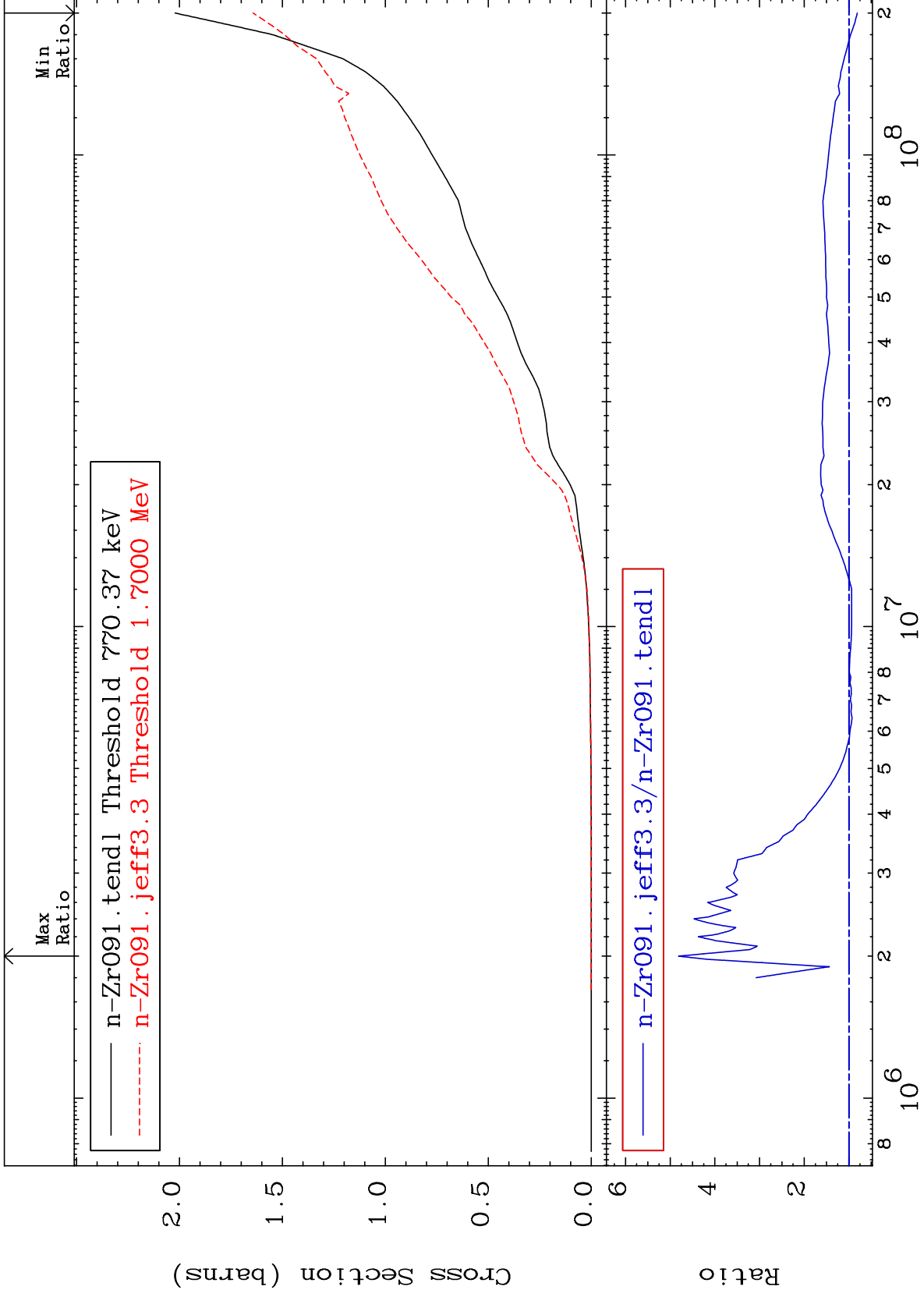
40-Zr-91  
-100.0 To 562.1 %



MAT 4028

Hydrogen Production  
Cross Section

40-Zr-91  
-18.73 To 381.0 %



39

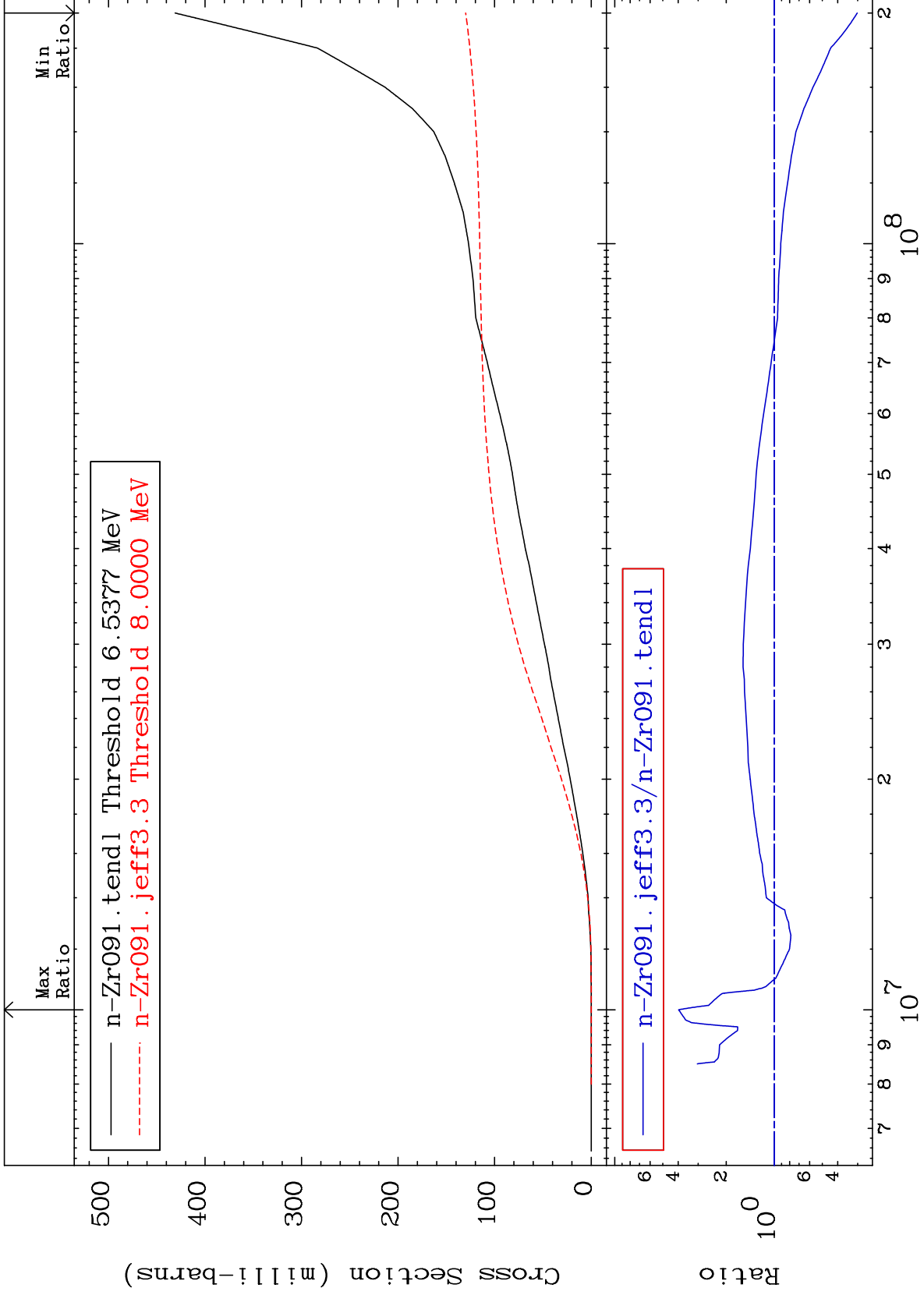
Incident Energy (eV)

40-Zr-91

MAT 4028

Deuterium Production  
Cross Section

40-Zr-91  
-69.85 To 297.5 %

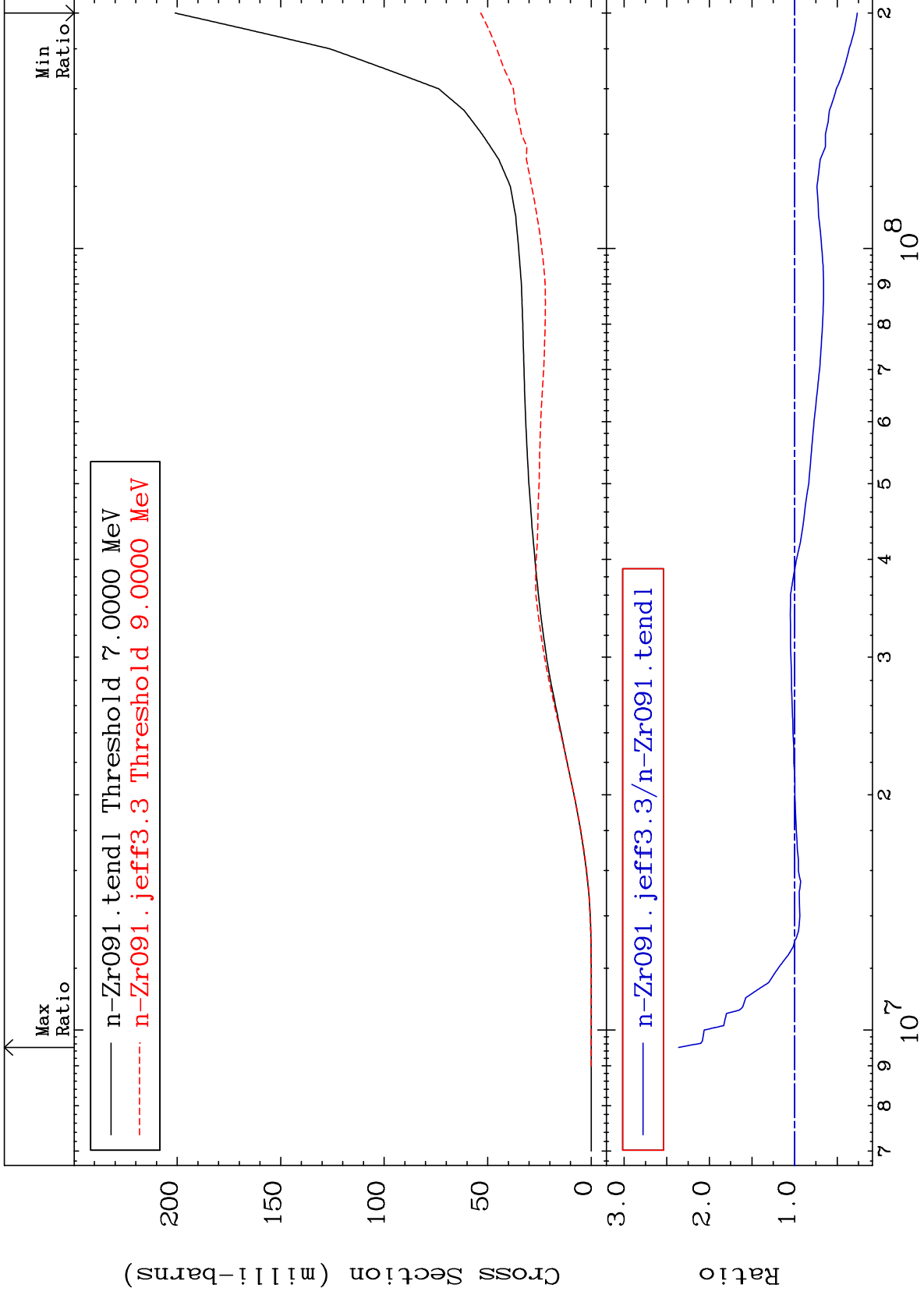




MAT 4028

Tritium Production  
Cross Section

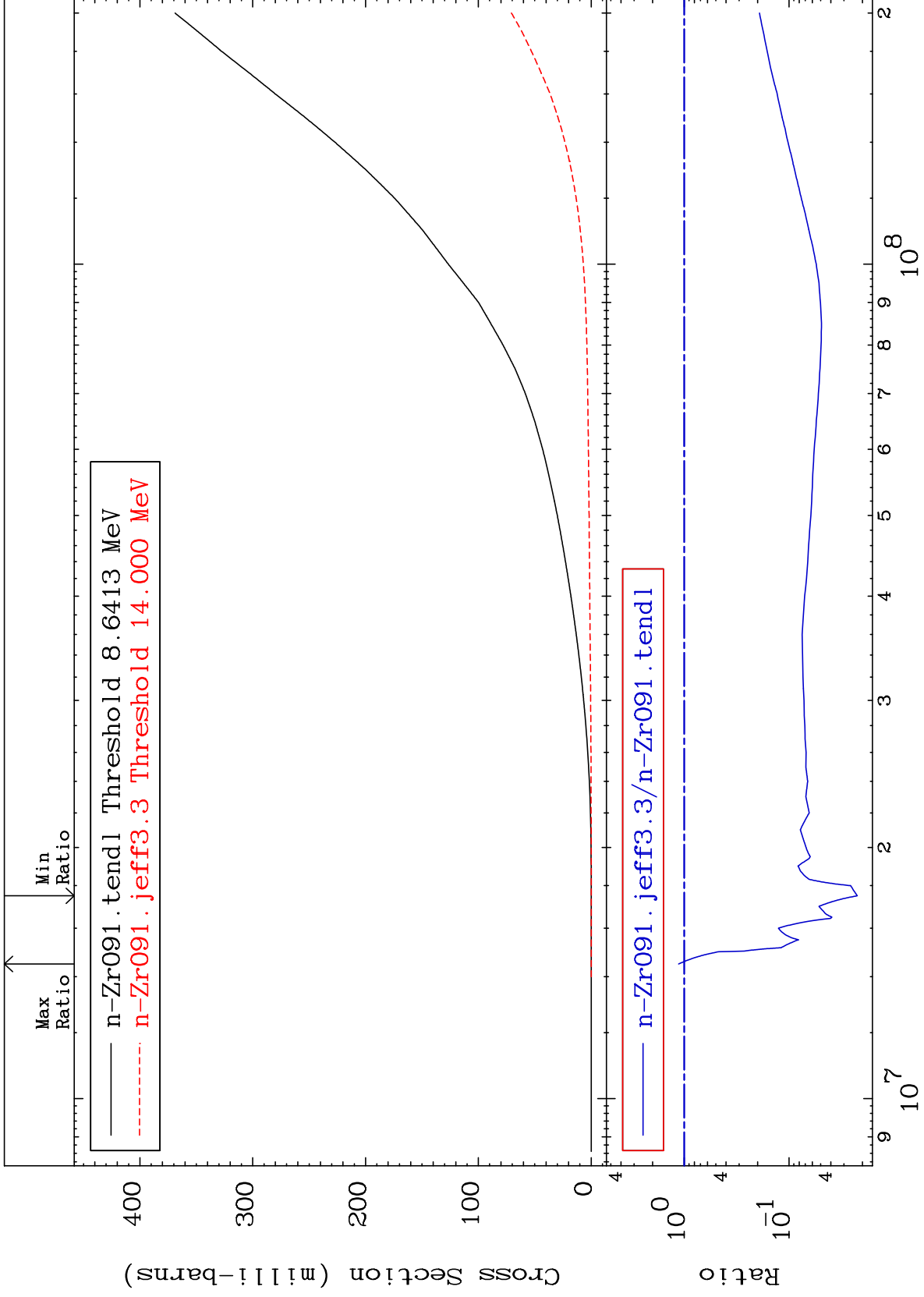
40-Zr-91  
-73.47 To 136.1 %



MAT 4028

He-3 Production  
Cross Section

40-Zr-91  
-97.76 To 12.99 %



42

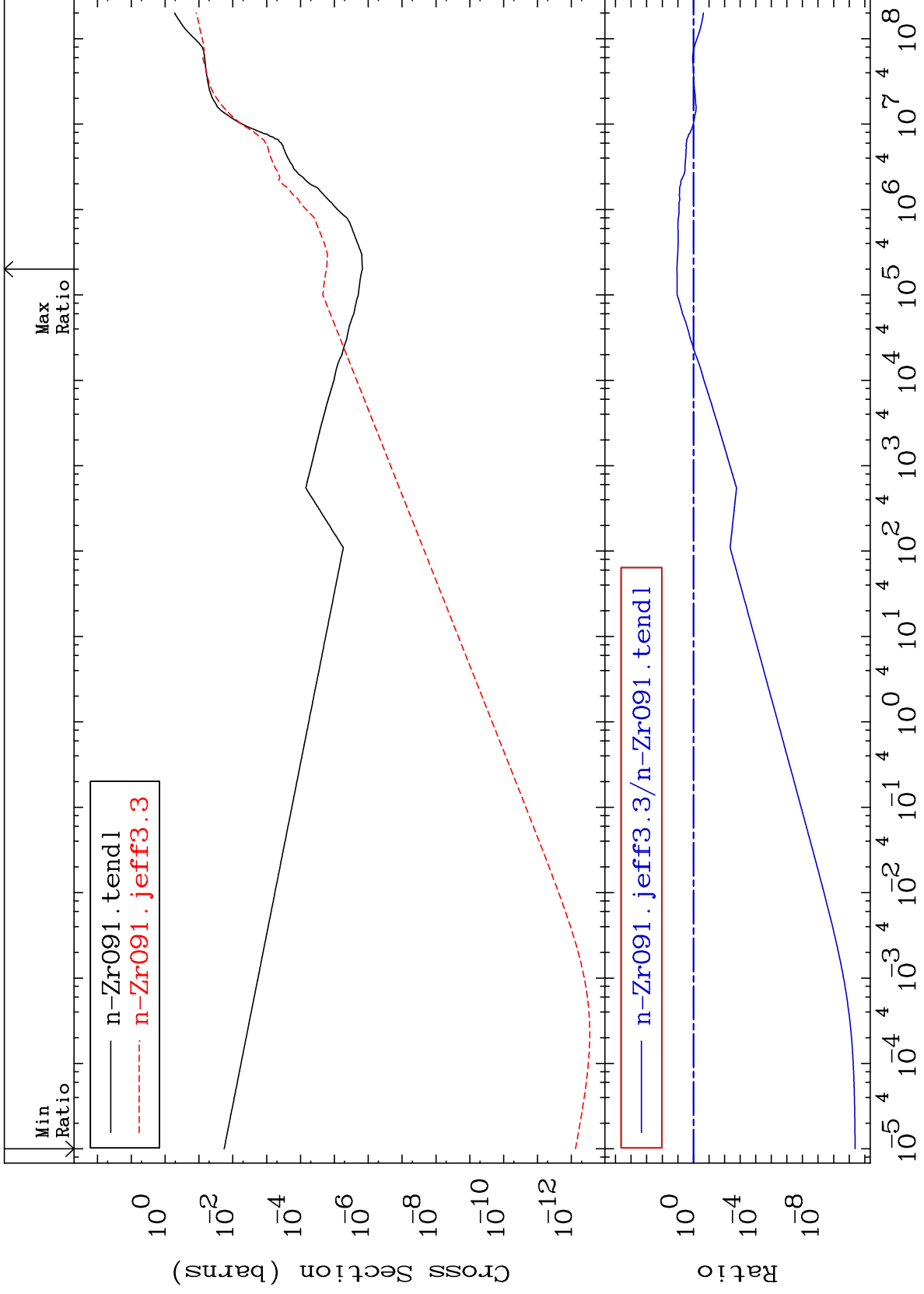
Incident Energy (eV)

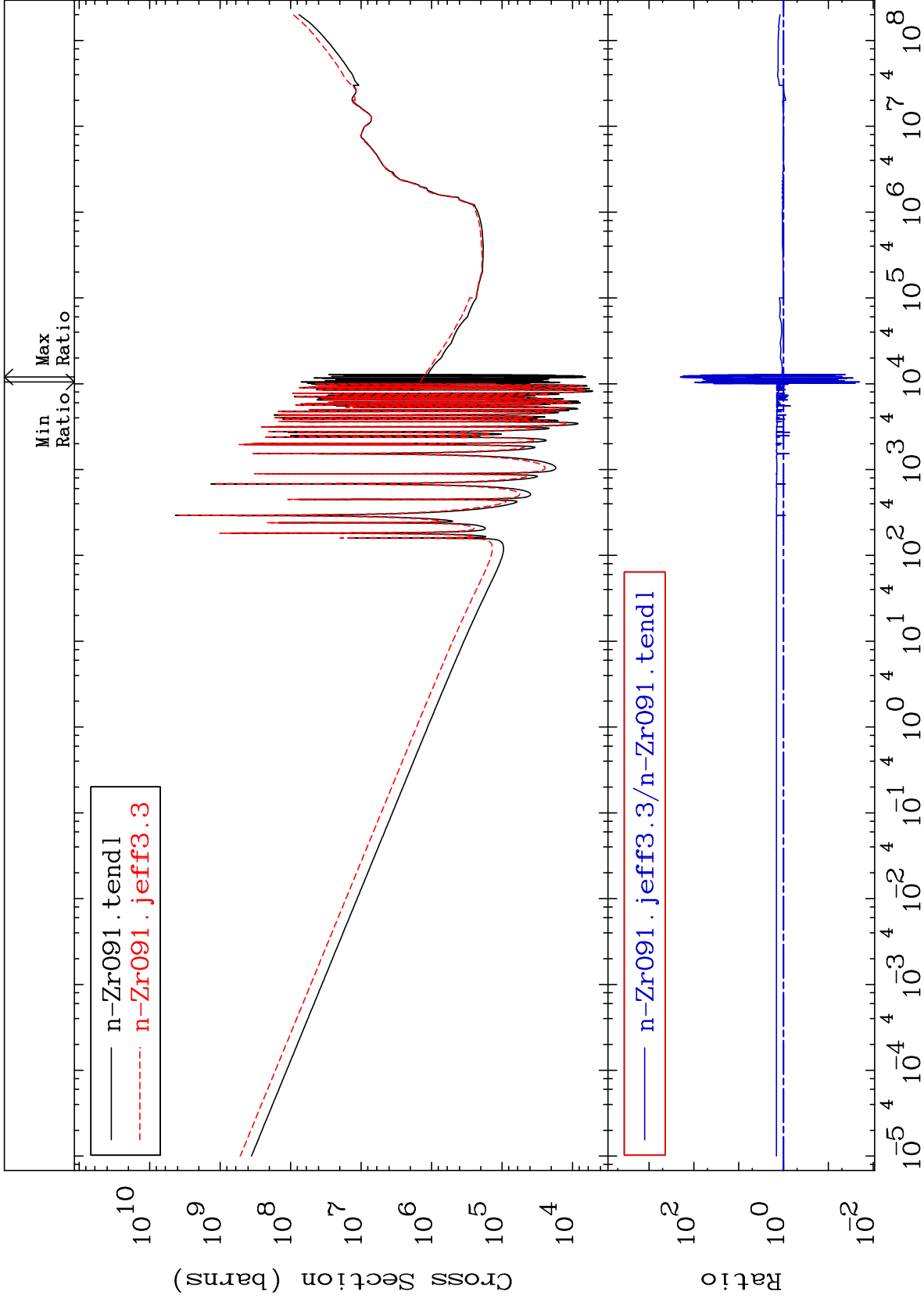
40-Zr-91

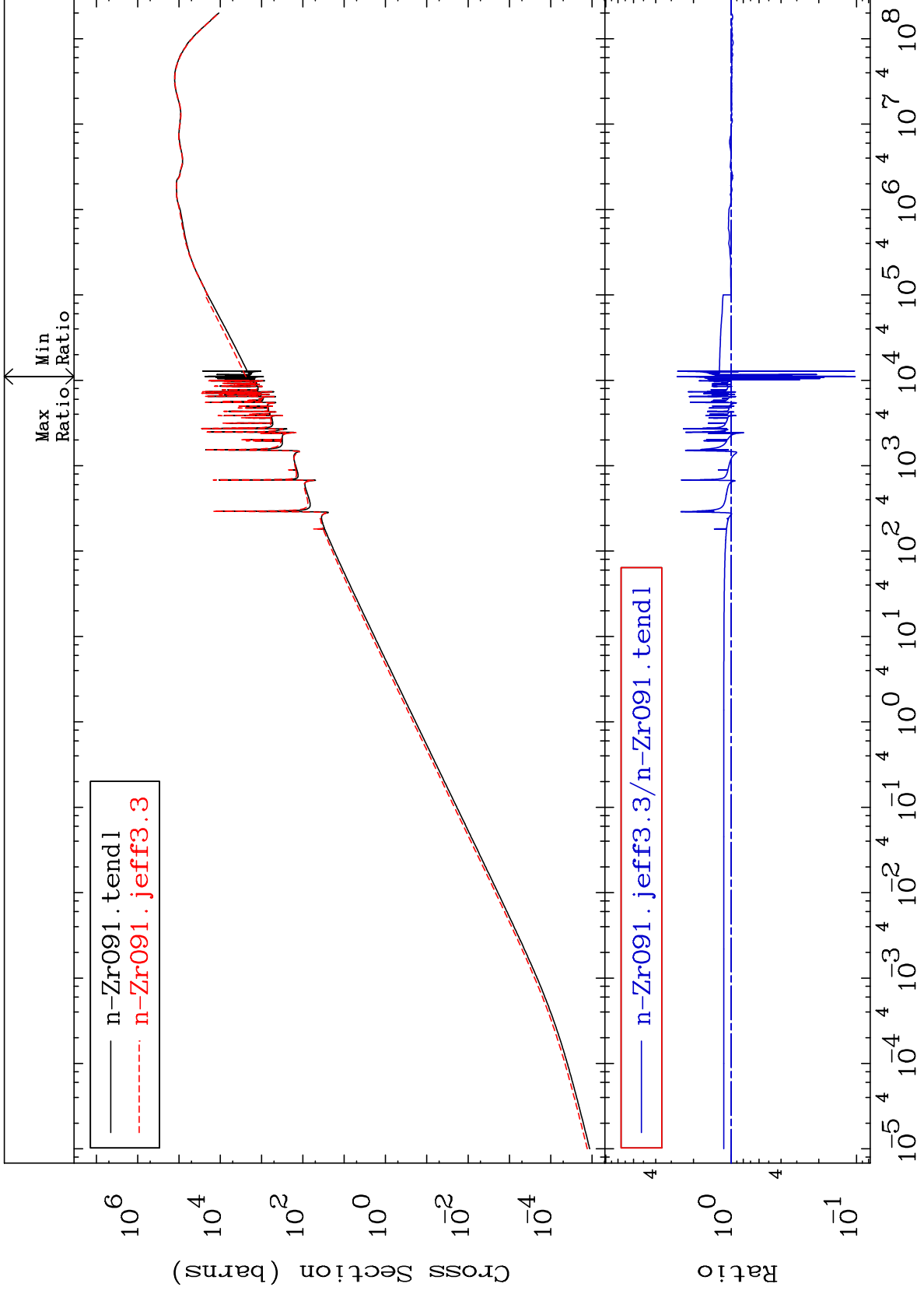
MAT 4028

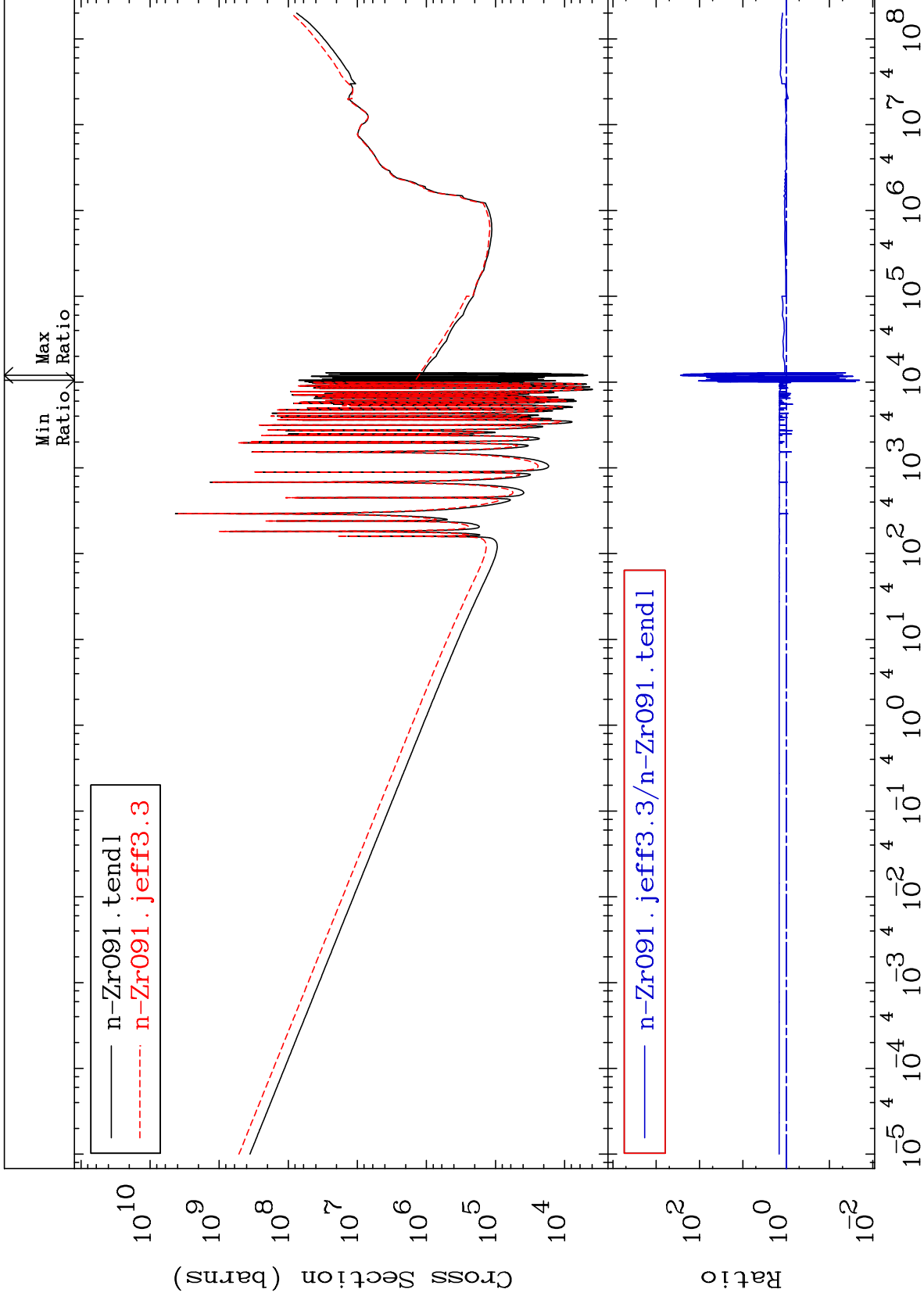
He-4 Production  
Cross Section

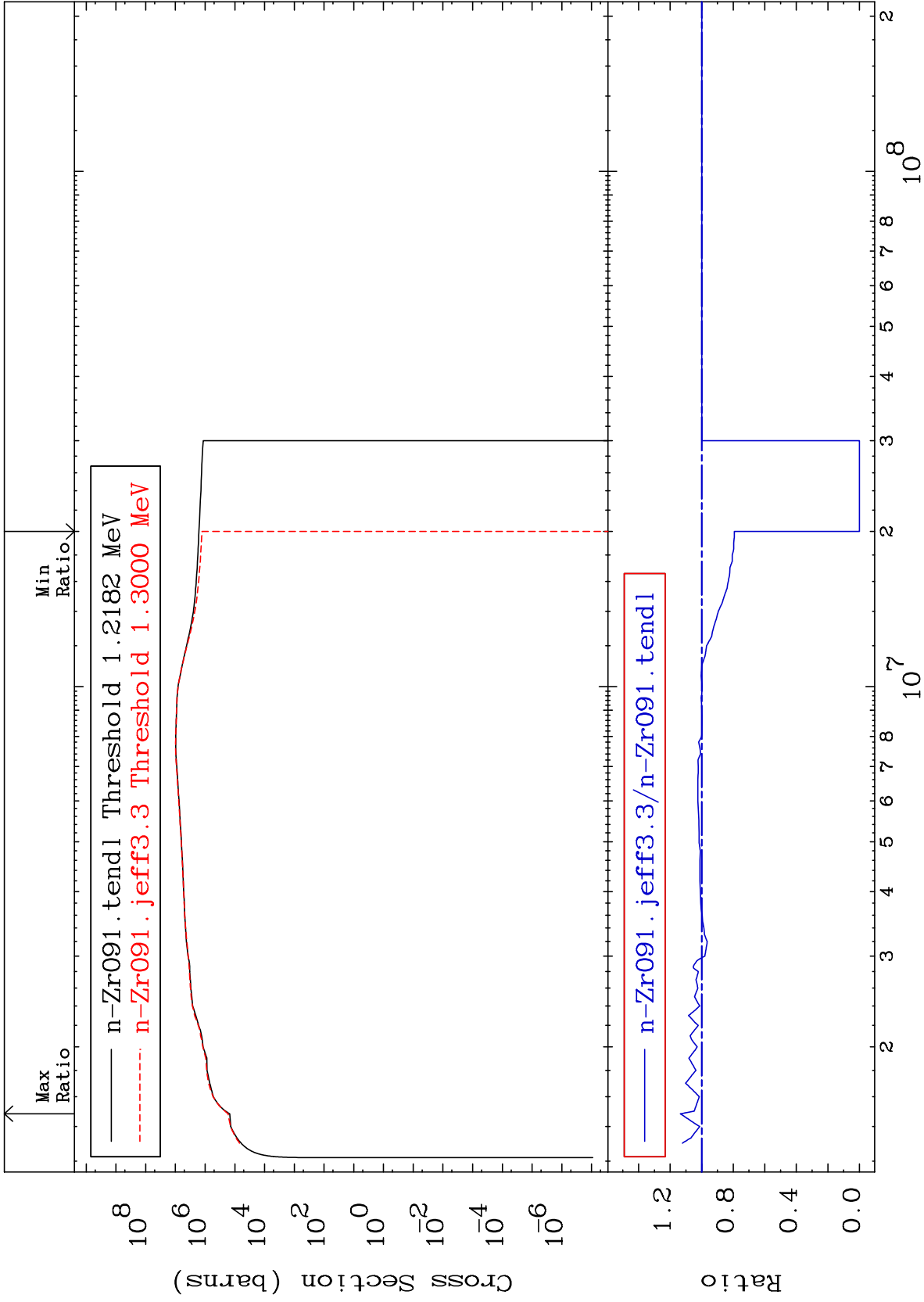
40-Zr-91  
-100.0 To 1046. %

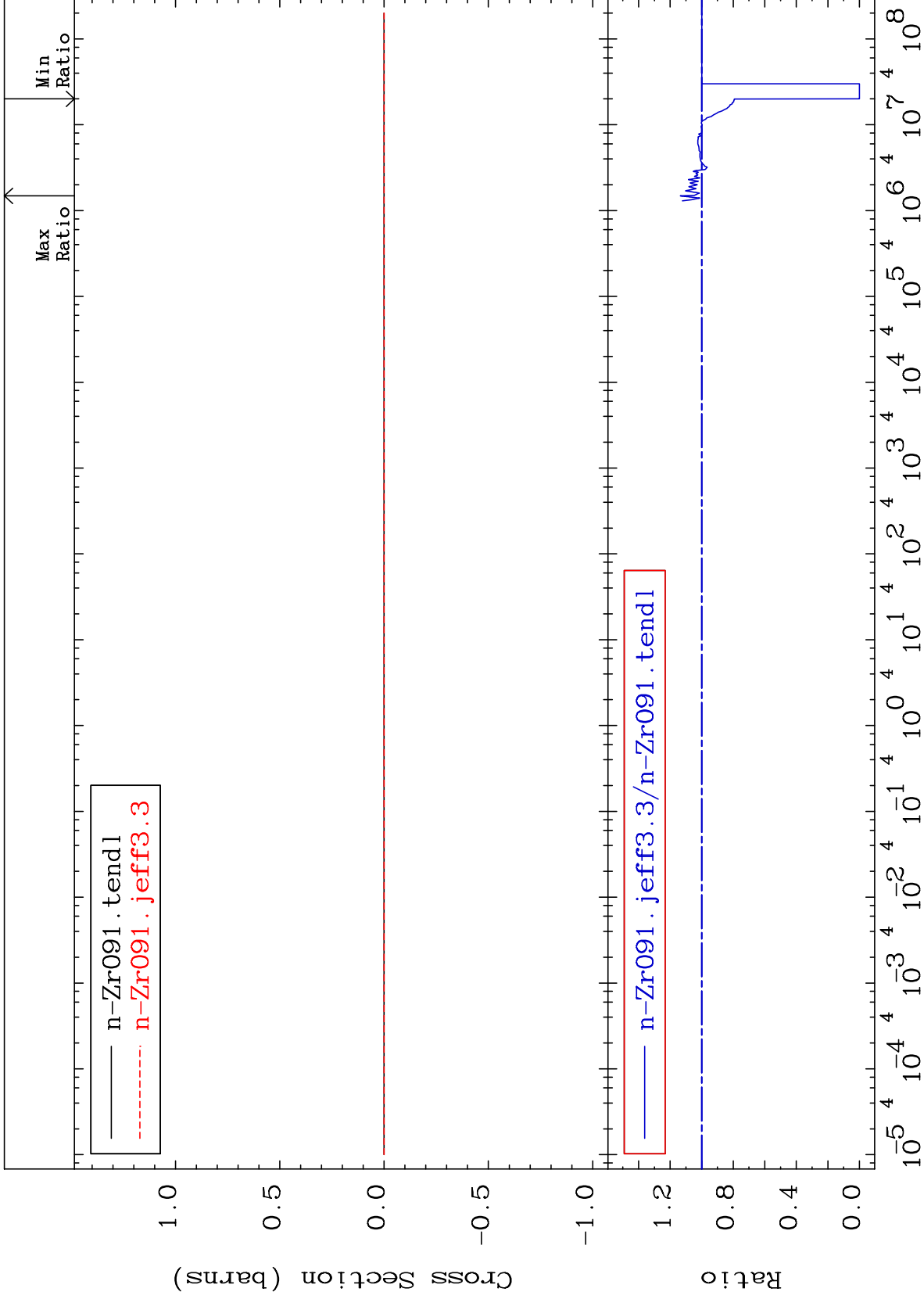










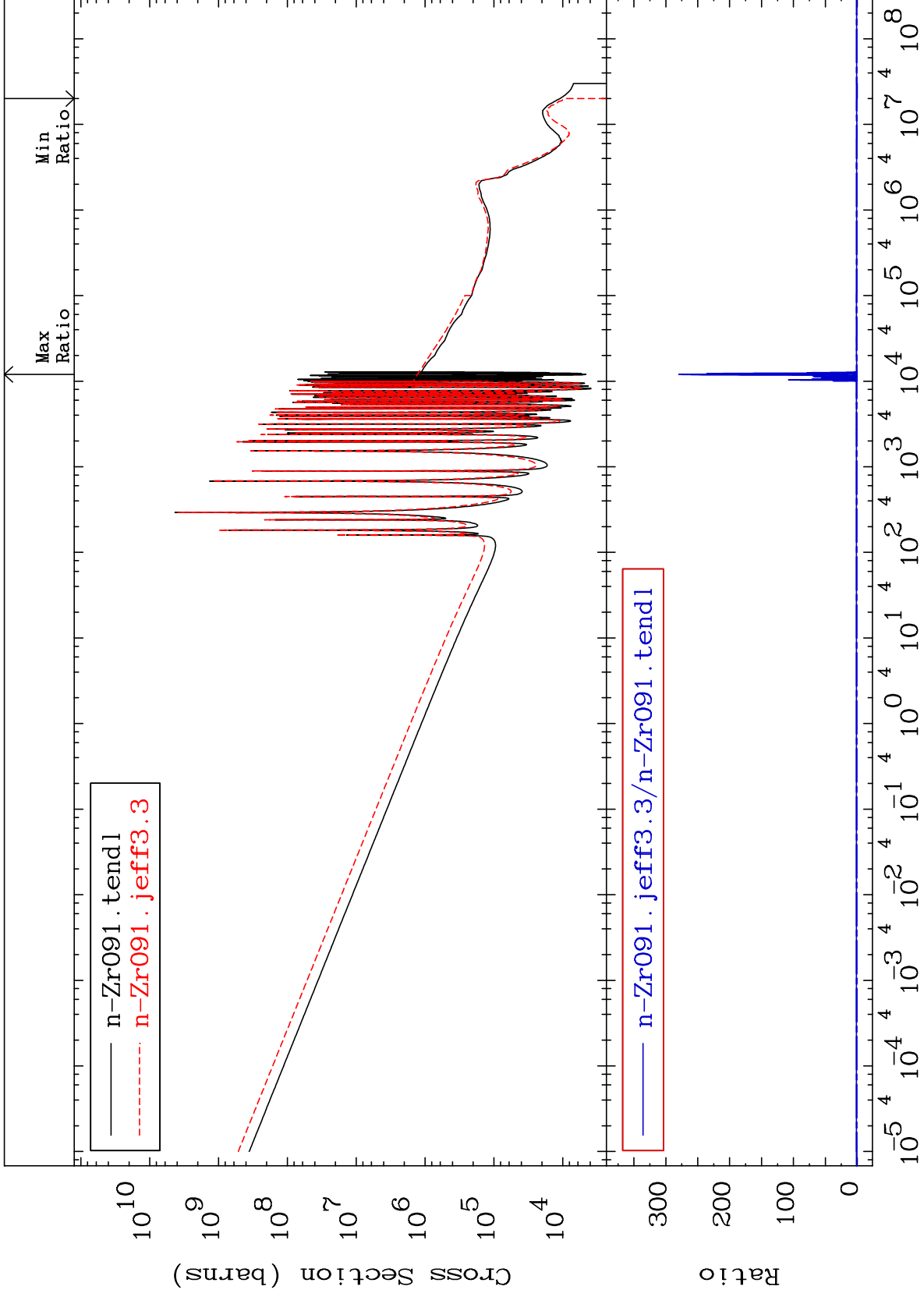




MAT 4028

Kerma capture (mt102)  
Cross Section

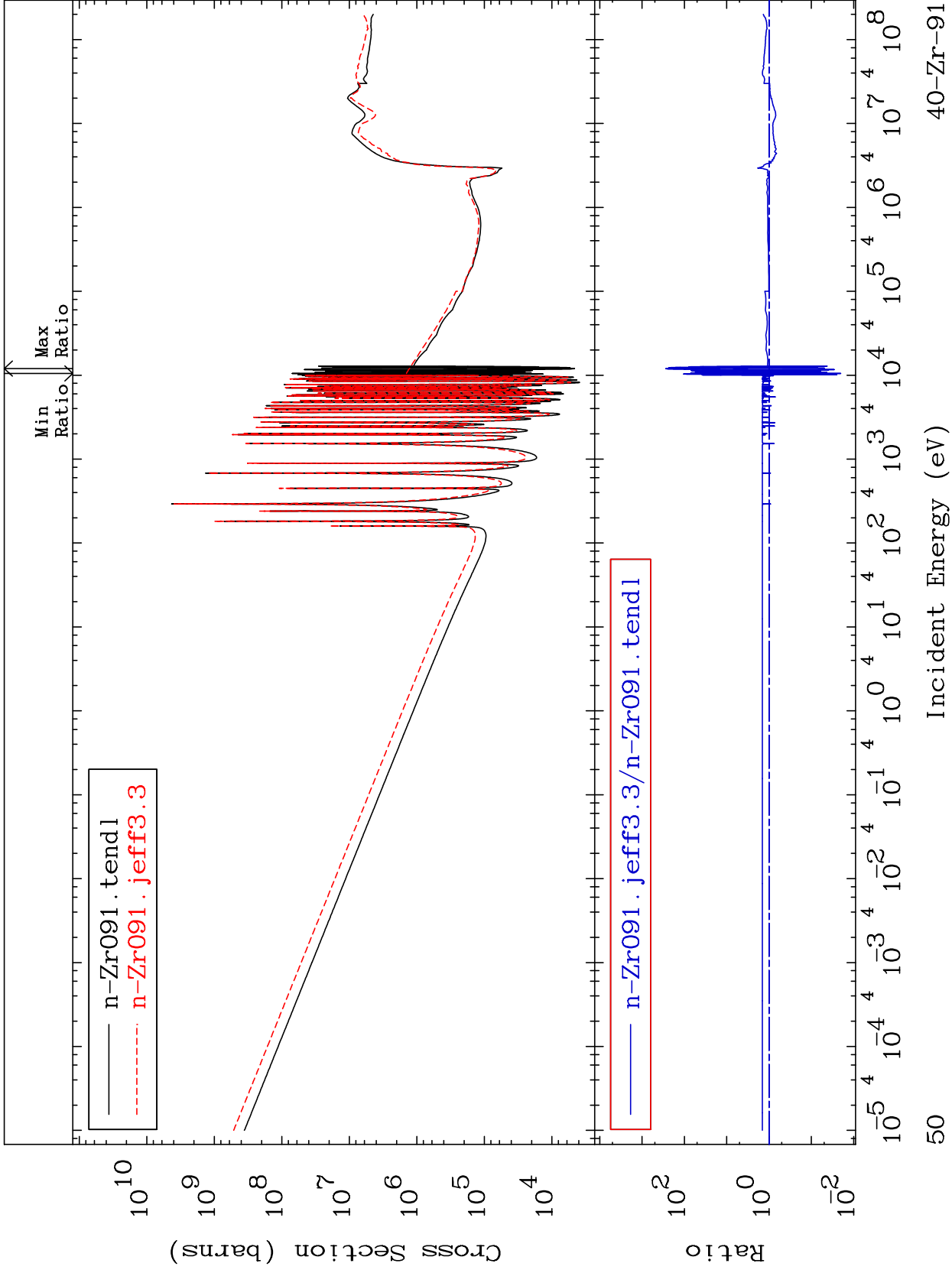
40-Zr-91  
-100.0 To 9999. %

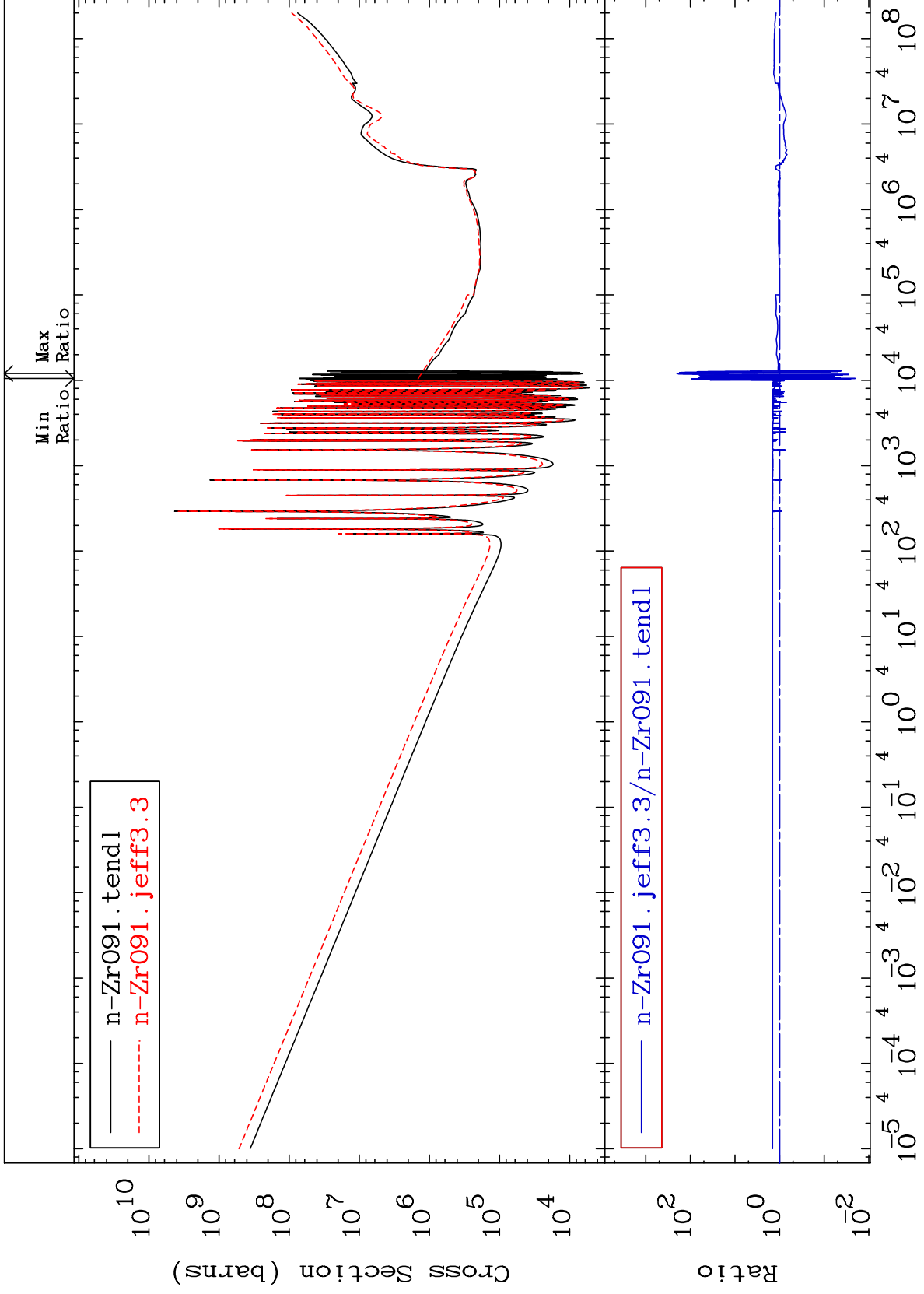


49

Incident Energy (eV)

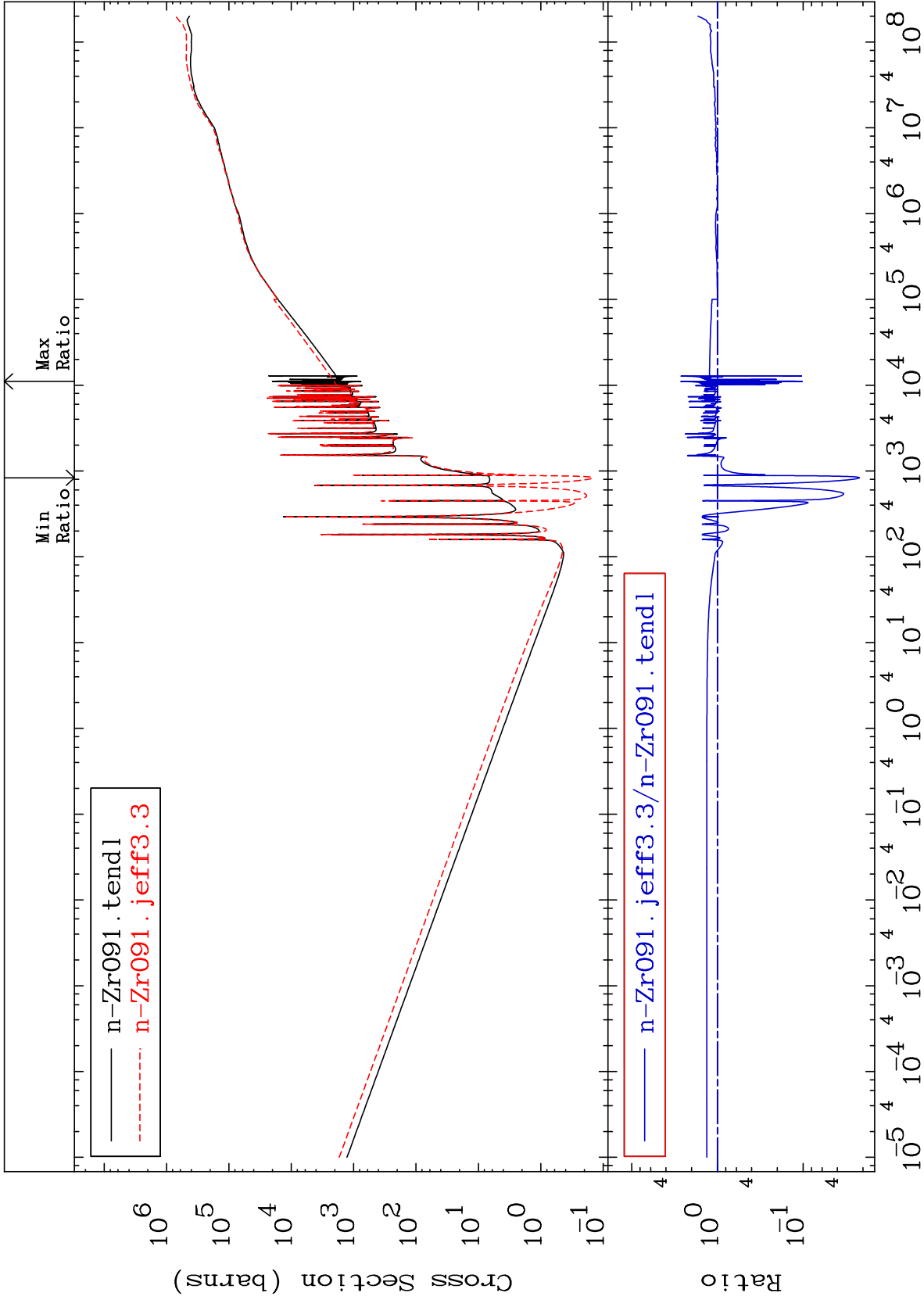
40-Zr-91

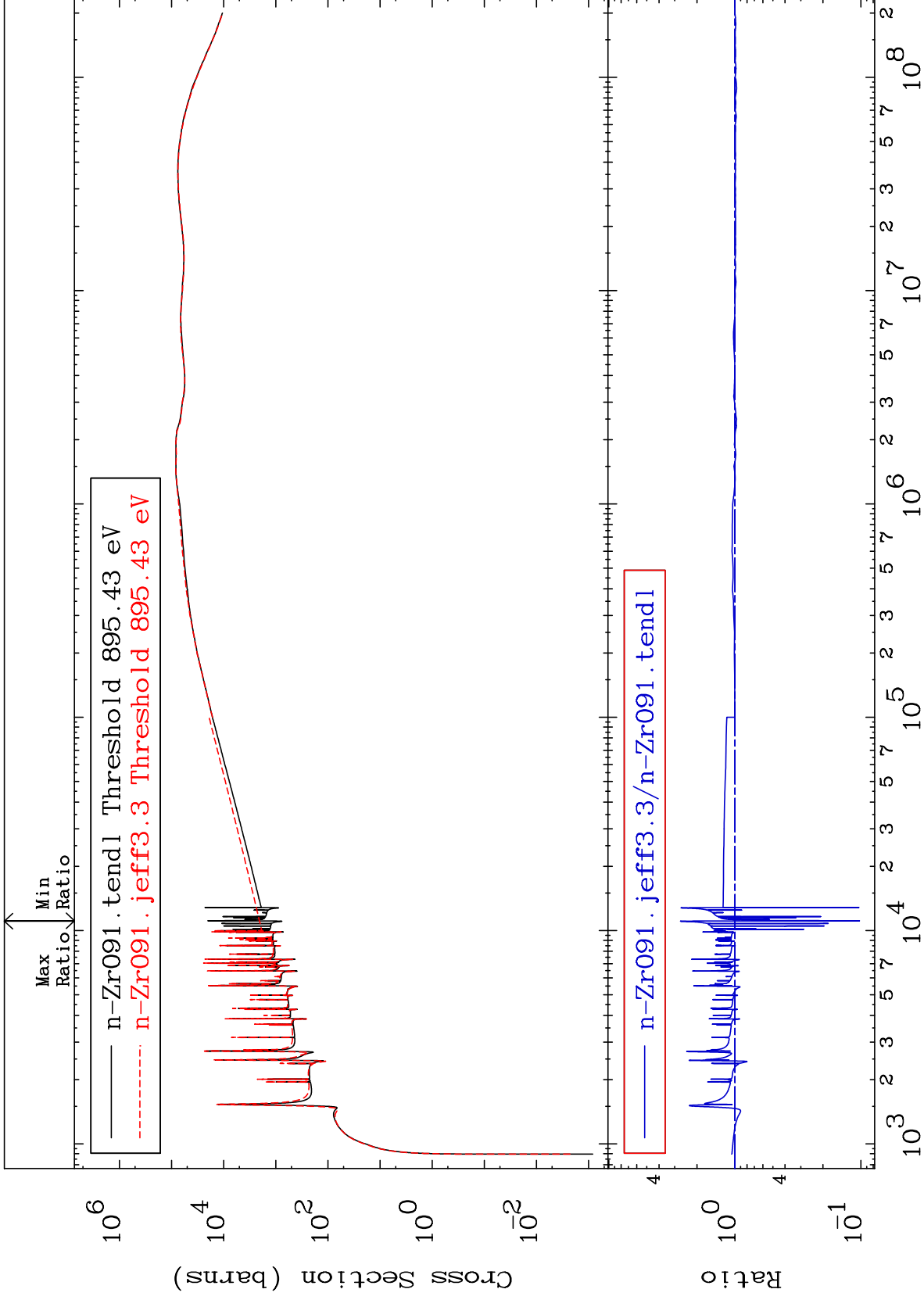


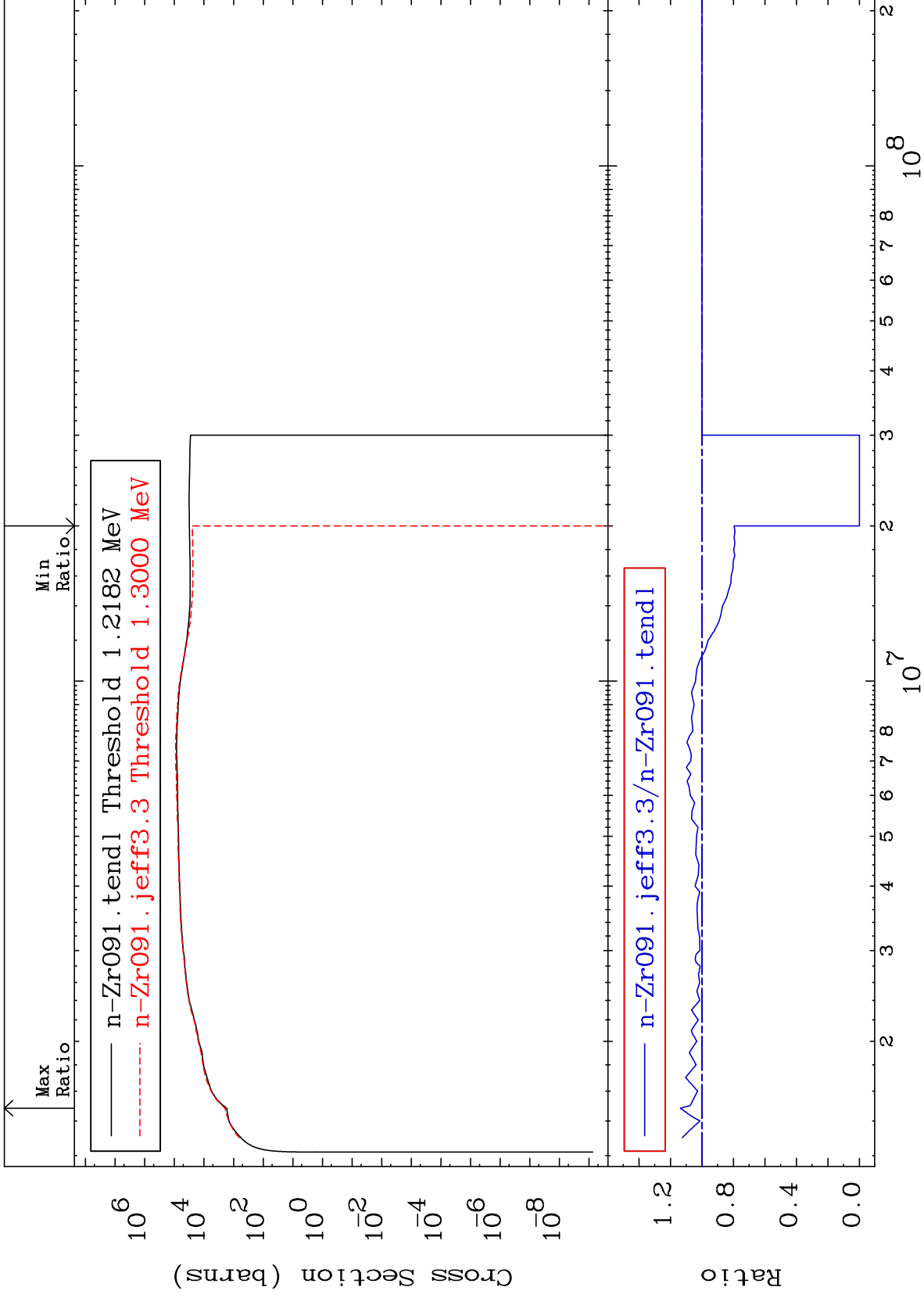


Cross Section

-97.80 To 170.8 %



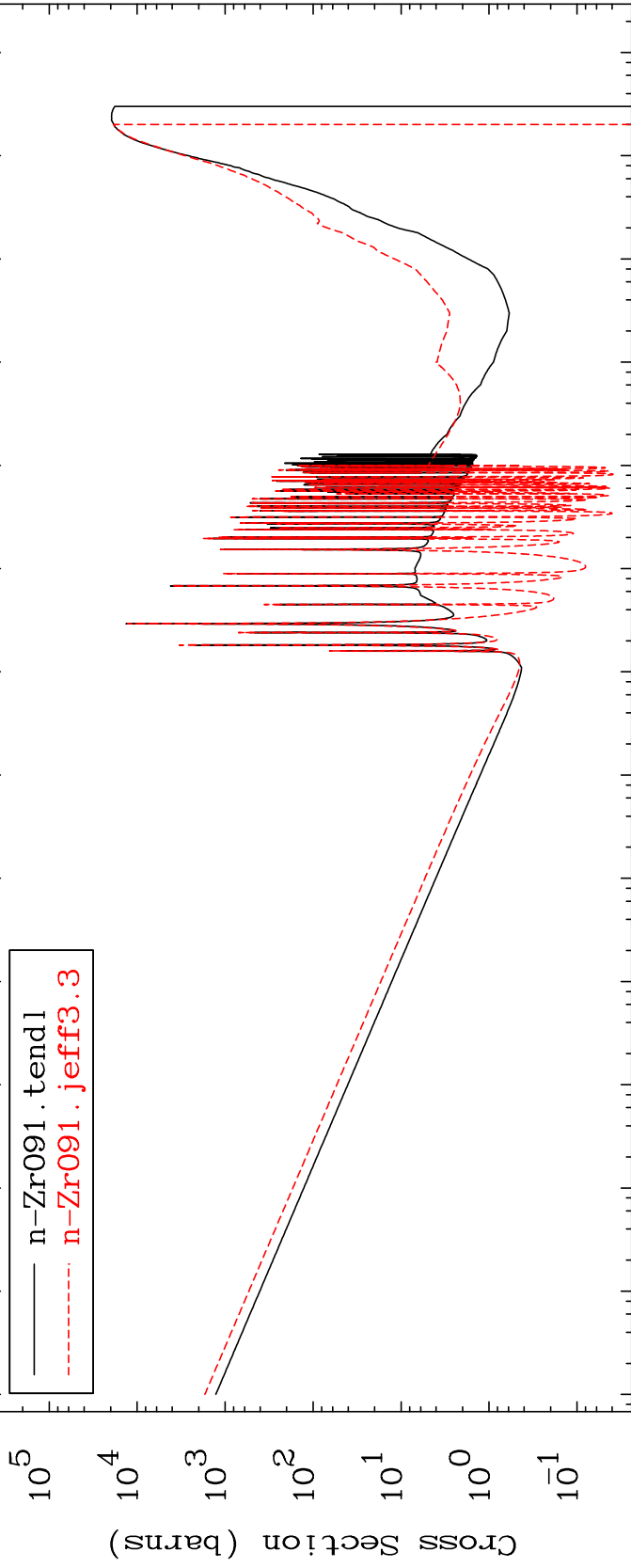




MAT 4028

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-91  
-100.0 To 636.5 %



n-Zr091.jeff3.3/n-Zr091.tendl

