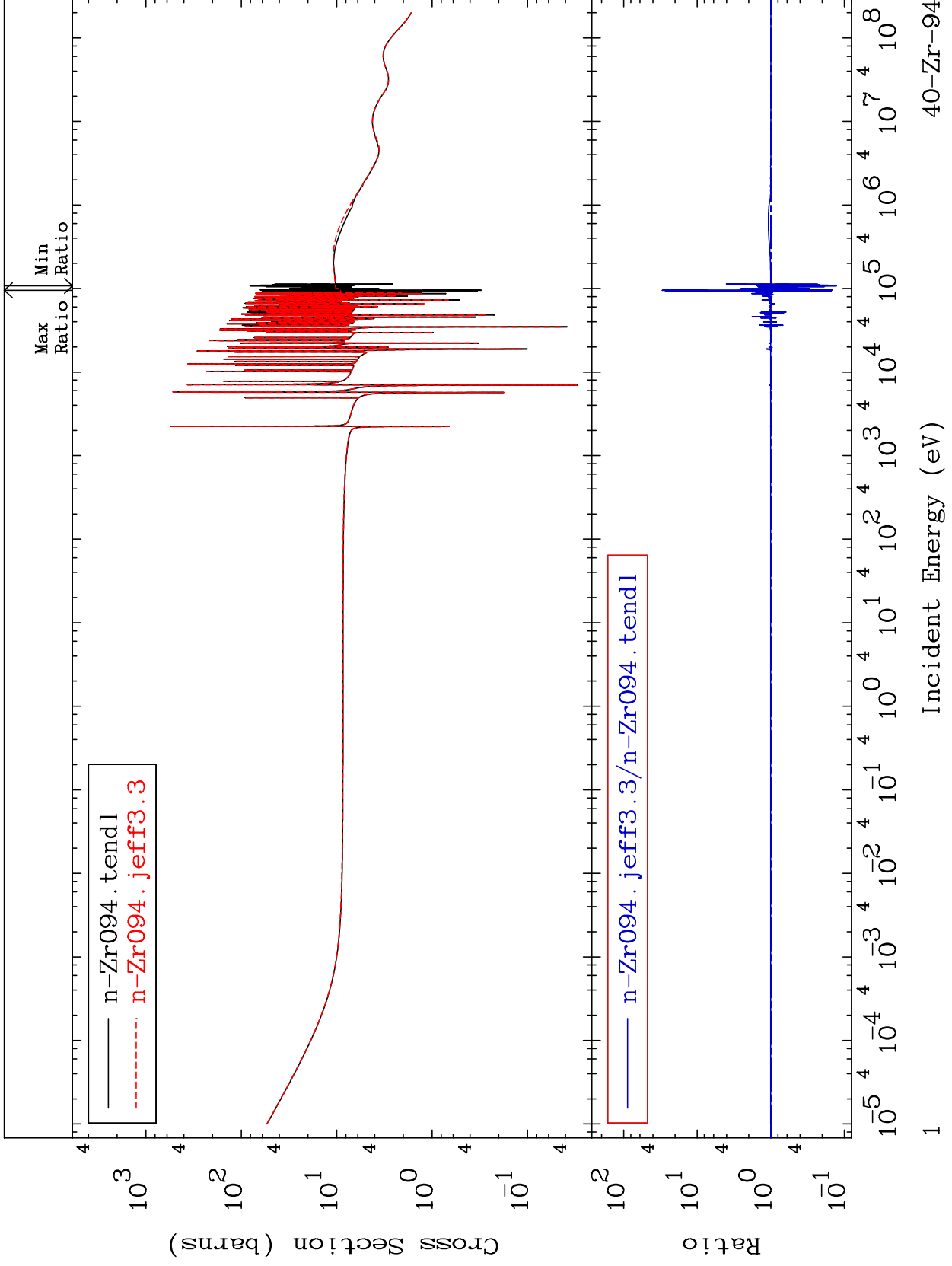


MAT 4037

Total  
Cross Section

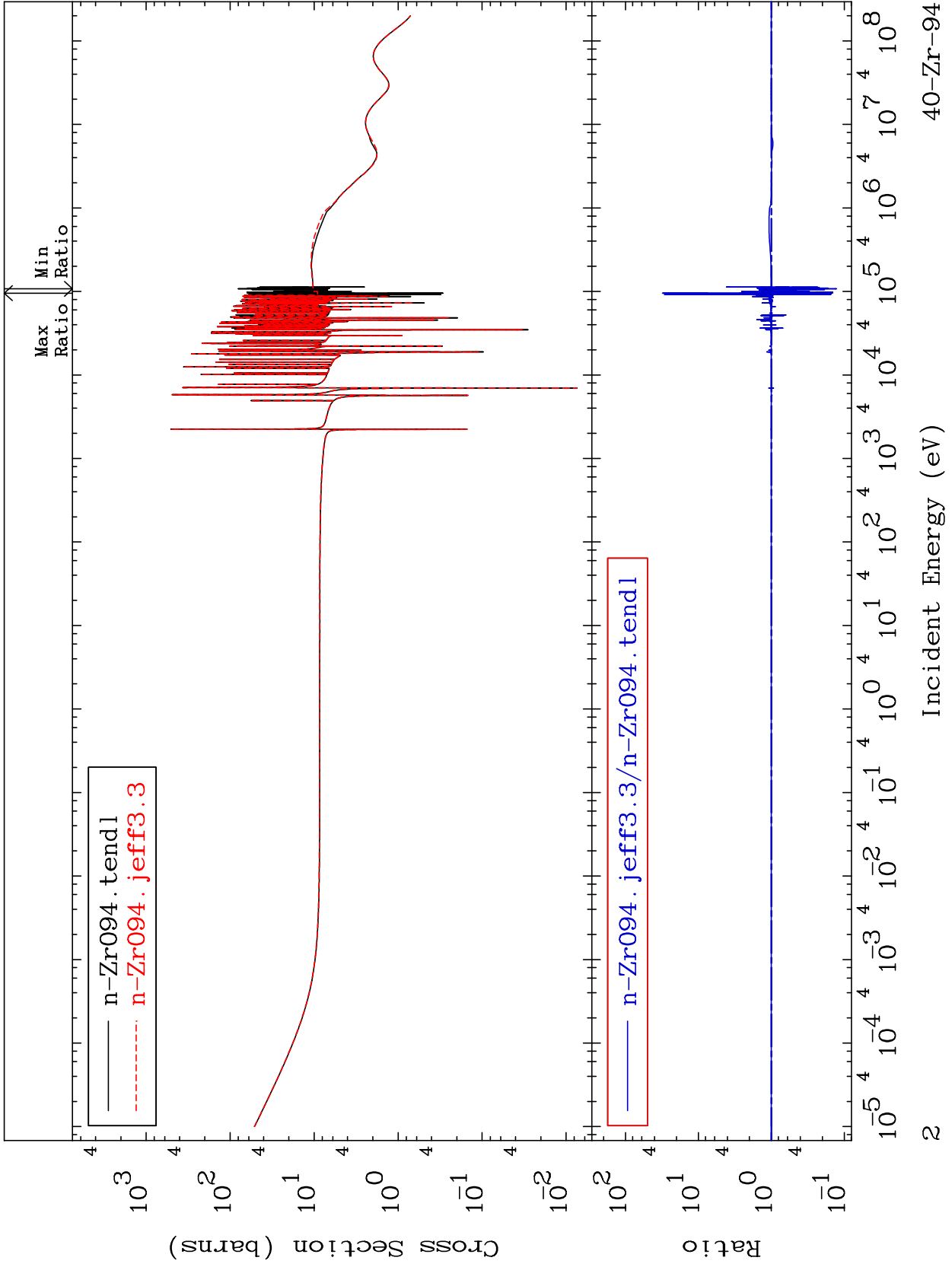
40-Zr-94  
-87.28 To 2887. %



MAT 4037

Elastic  
Cross Section

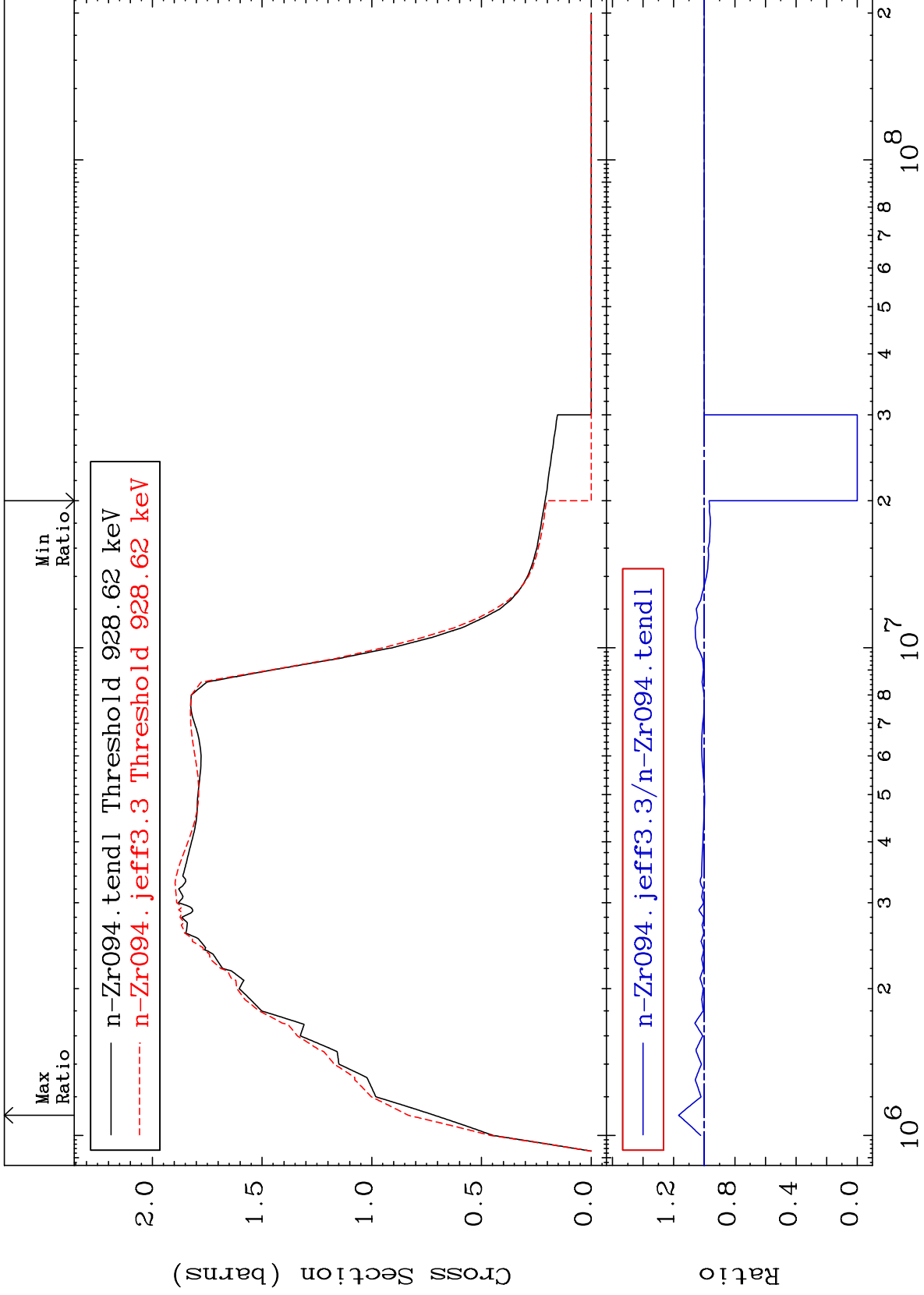
40-Zr-94  
-87.27 To 3033. %



MAT 4037

Inelastic  
Cross Section

40-Zr-94  
-100.0 To 16.74 %



Incident Energy (eV)

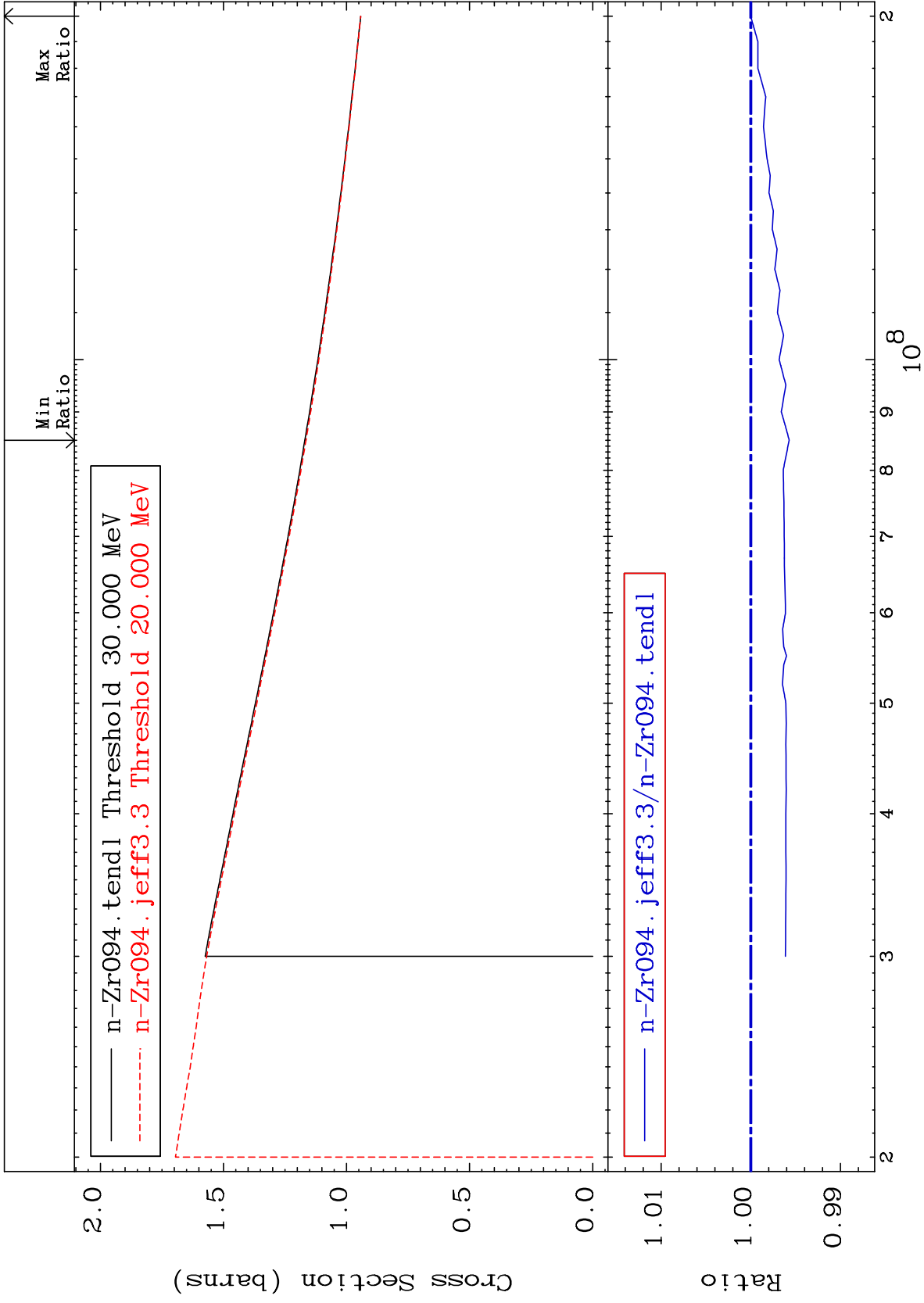
40-Zr-94

3

MAT 4037

(n, remainder)  
Cross Section

40-Zr-94  
-0.428 To 0.002 %



4

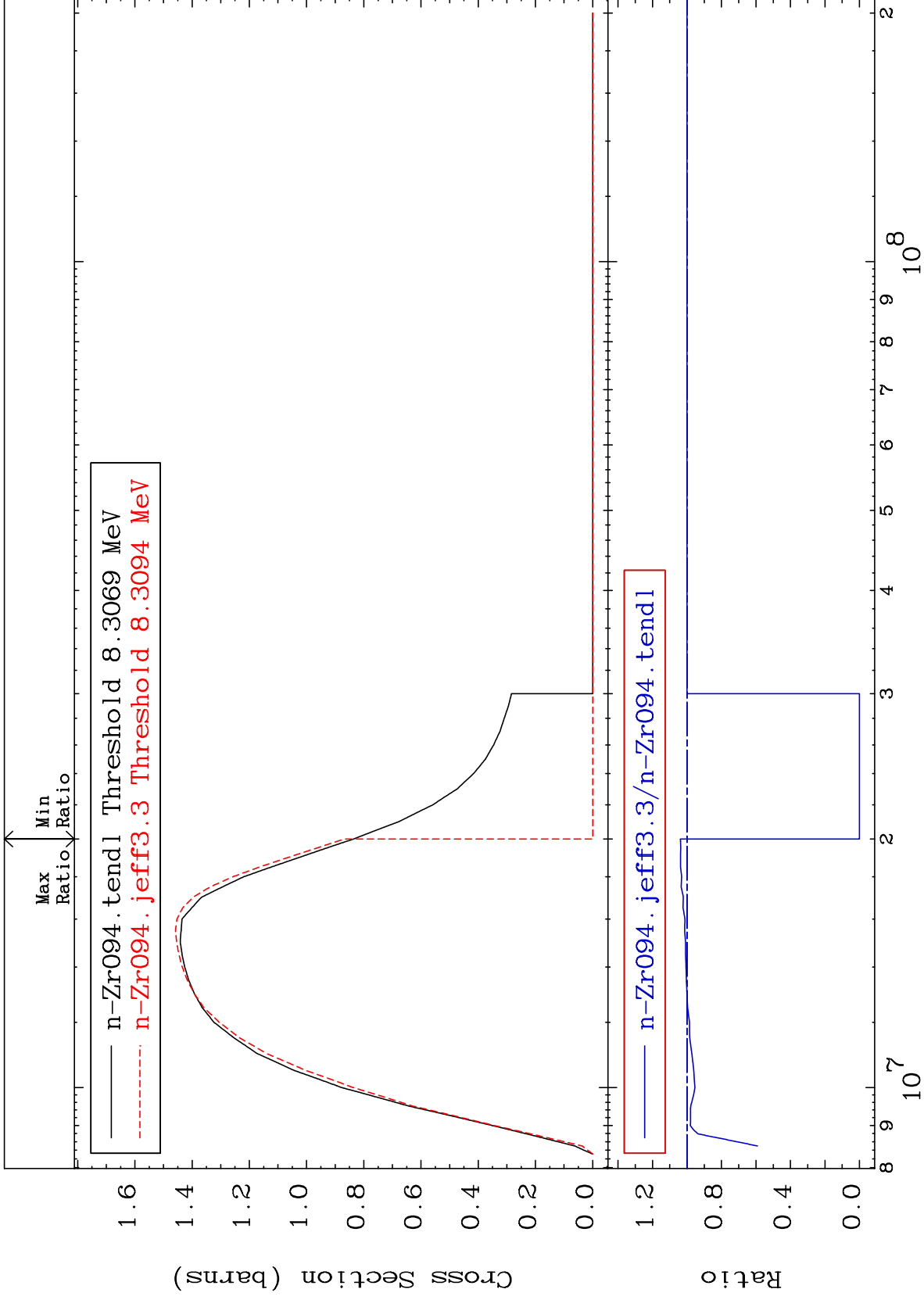
40-Zr-94

40-Zr-94

MAT 4037

(n,2n)  
Cross Section

40-Zr-94  
-100.0 To 3.845 %



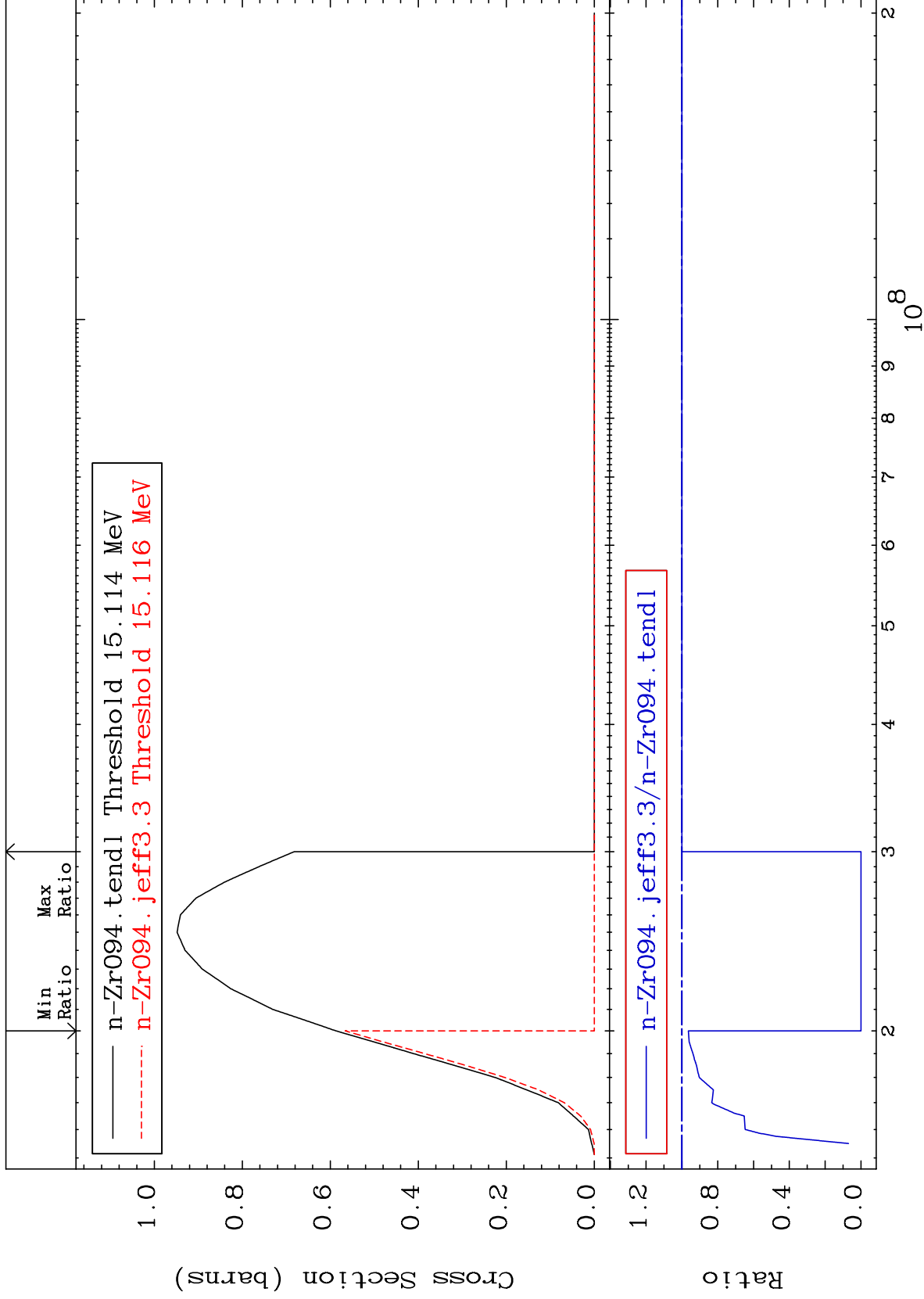
MAT 4037

(n,3n)

40-Zr-94

Cross Section

-100.0 To 0.000 %

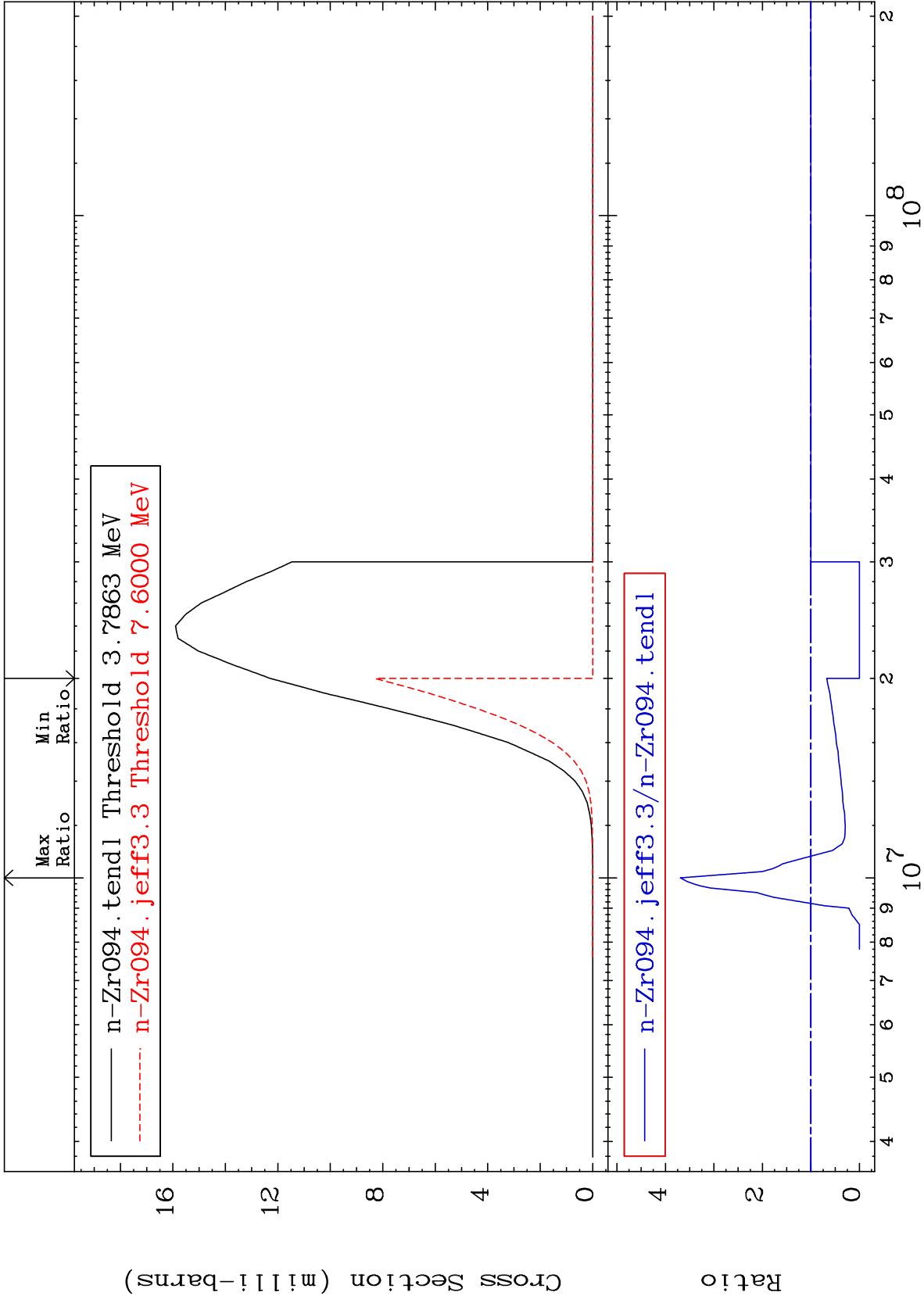


MAT 4037

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

40-Zr-94

-100.0 To 269.2 %



7

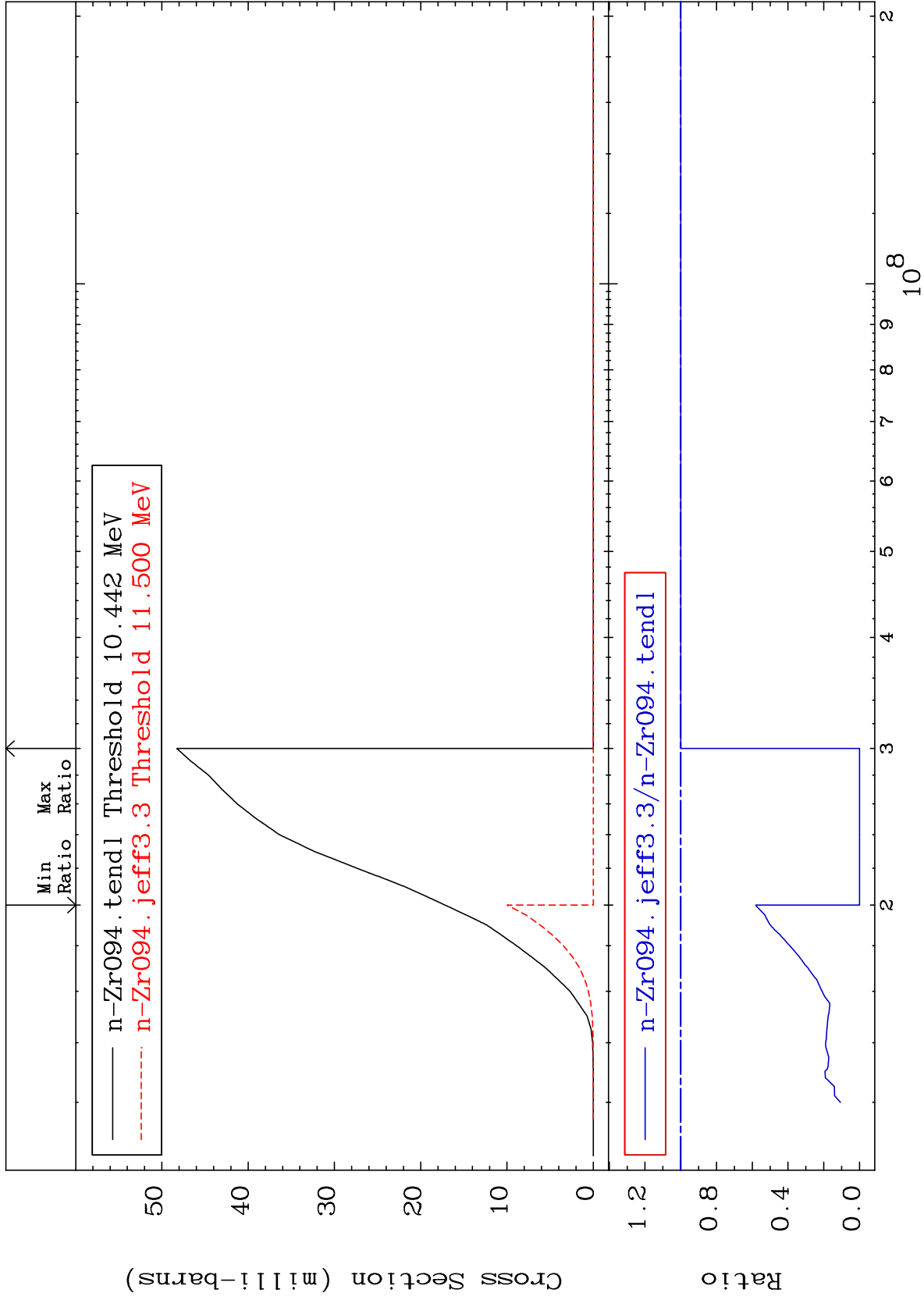
Incident Energy (eV)

40-Zr-94

MAT 4037

(n,n') p  
Cross Section

40-Zr-94  
-100.0 To 0.000 %





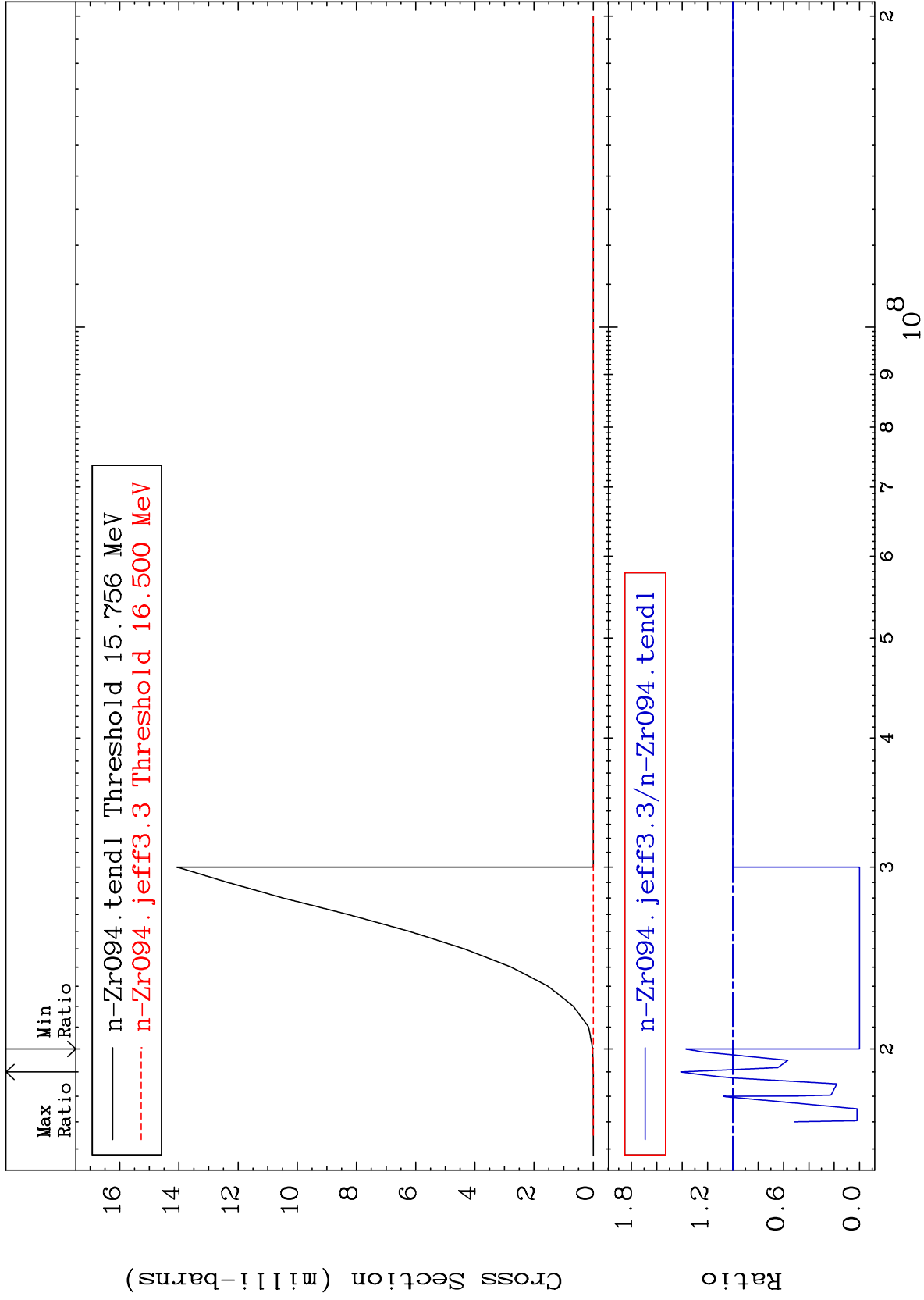
MAT 4037

(n,n') d

40-Zr-94

Cross Section

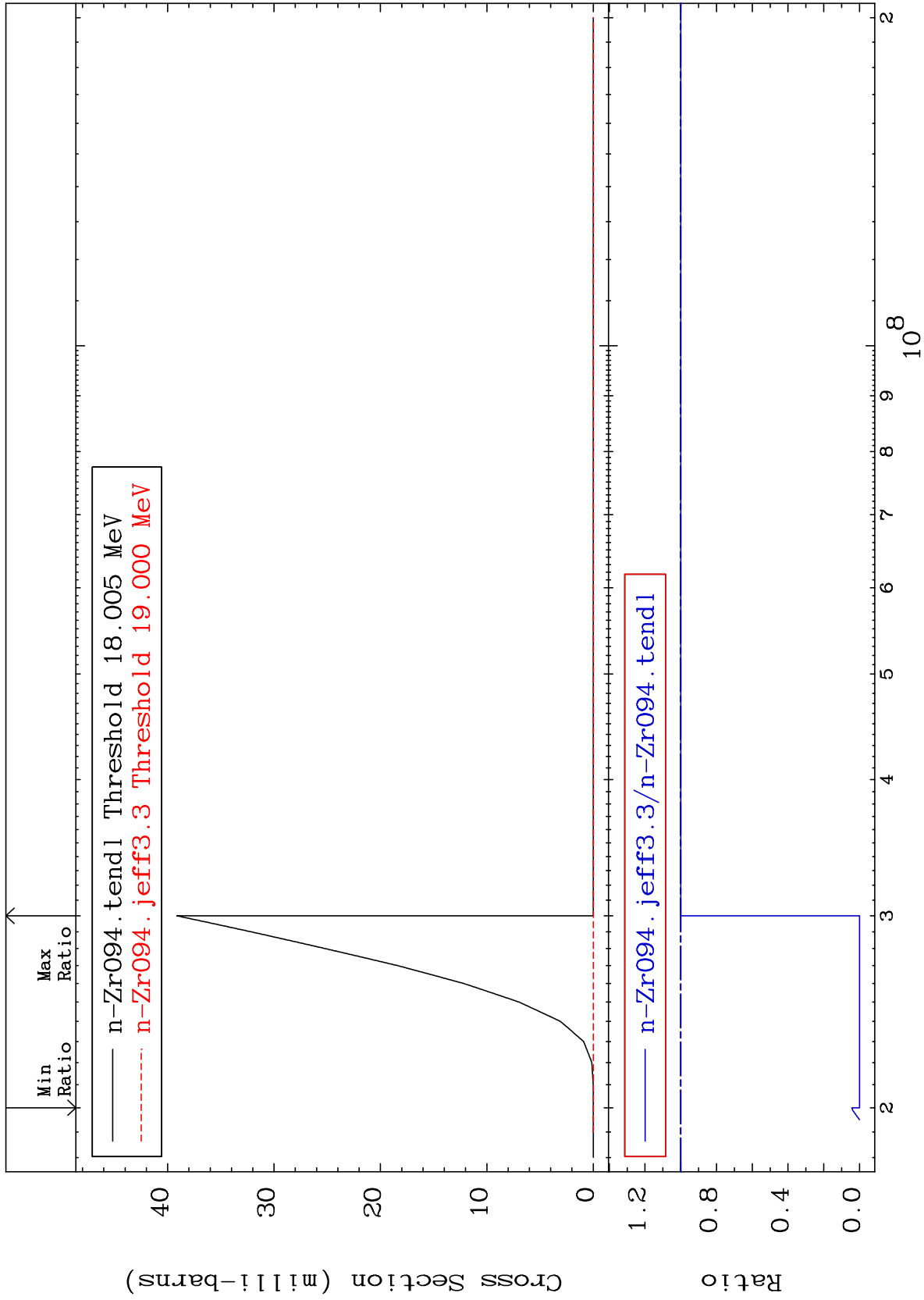
-100.0 To 41.08 %



MAT 4037

(n,2n) p  
Cross Section

40-Zr-94  
-100.0 To 0.000 %



10

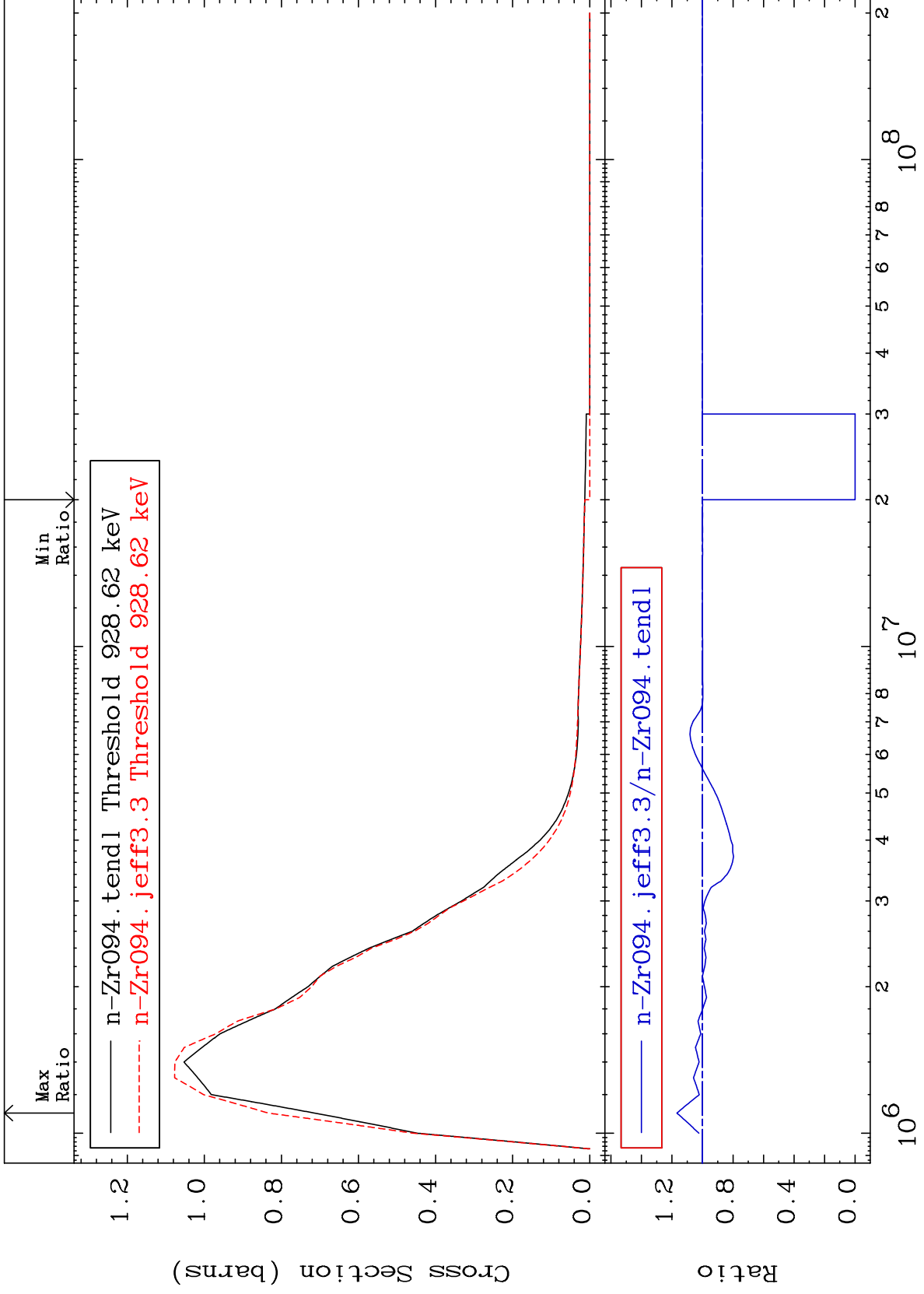
40-Zr-94

40-Zr-94

MAT 4037

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

40-Zr-94  
-100.0 To 16.74 %



11

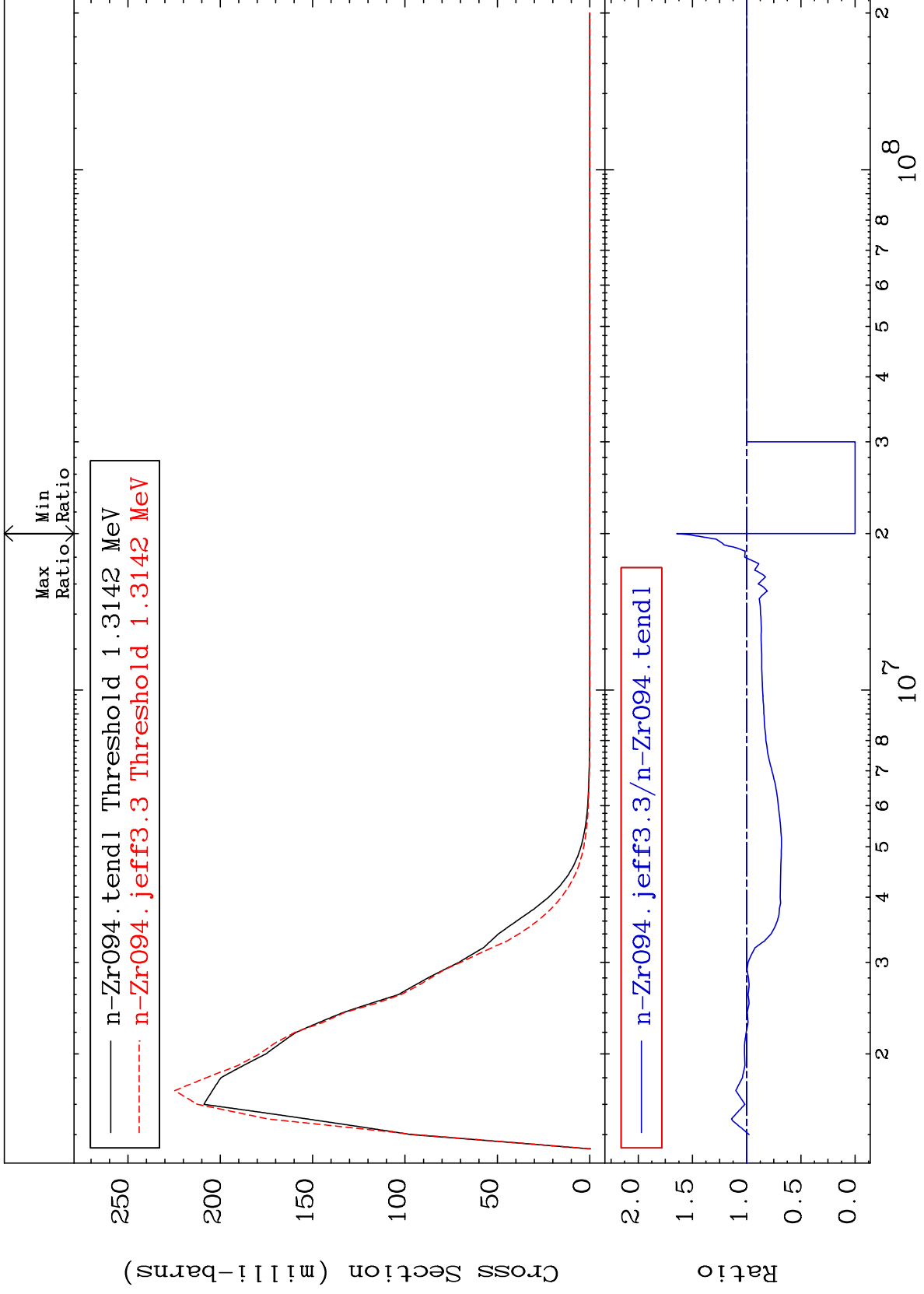
40-Zr-94

40-Zr-94

MAT 4037

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

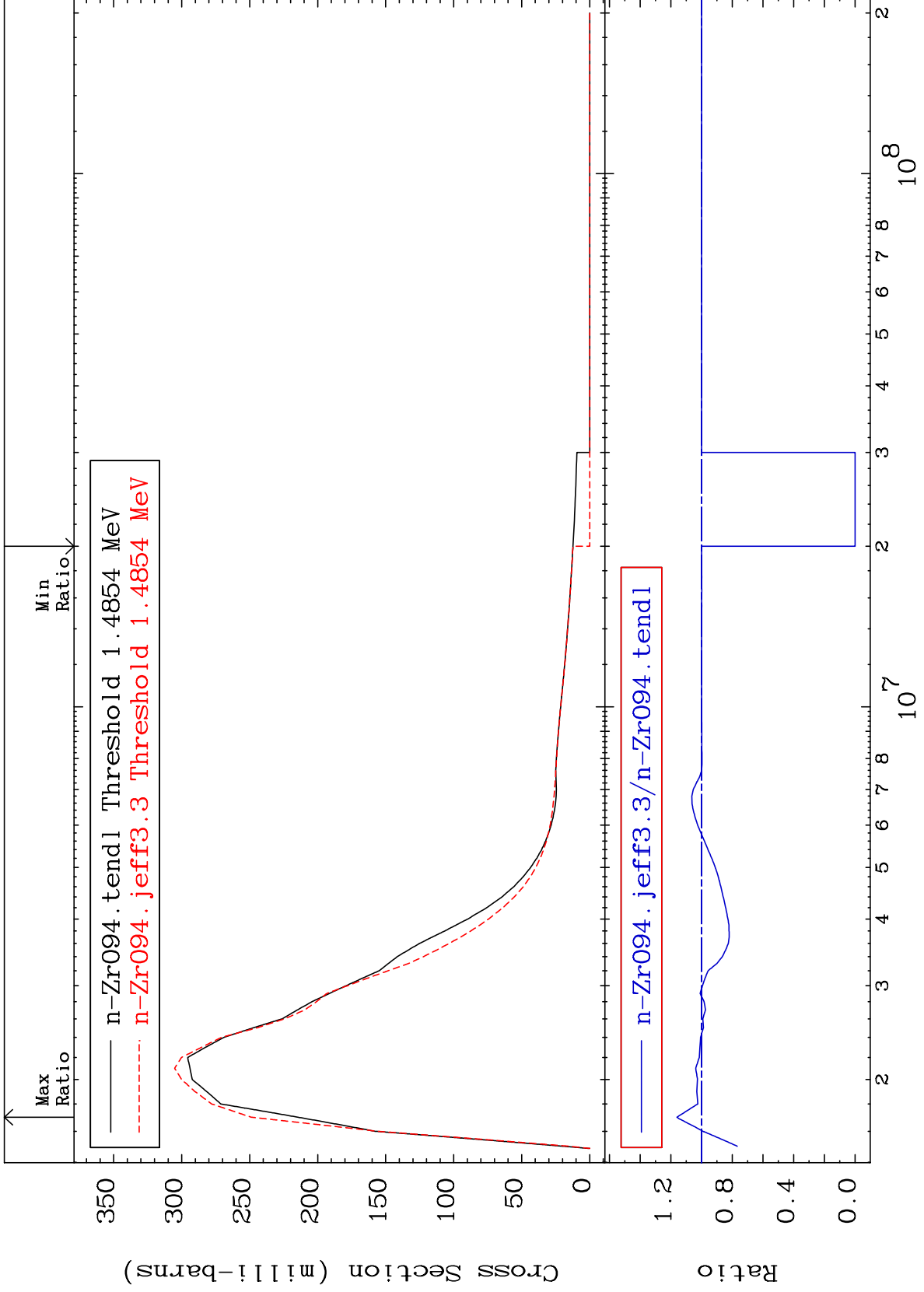
40-Zr-94  
-100.0 To 64.29 %



MAT 4037

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

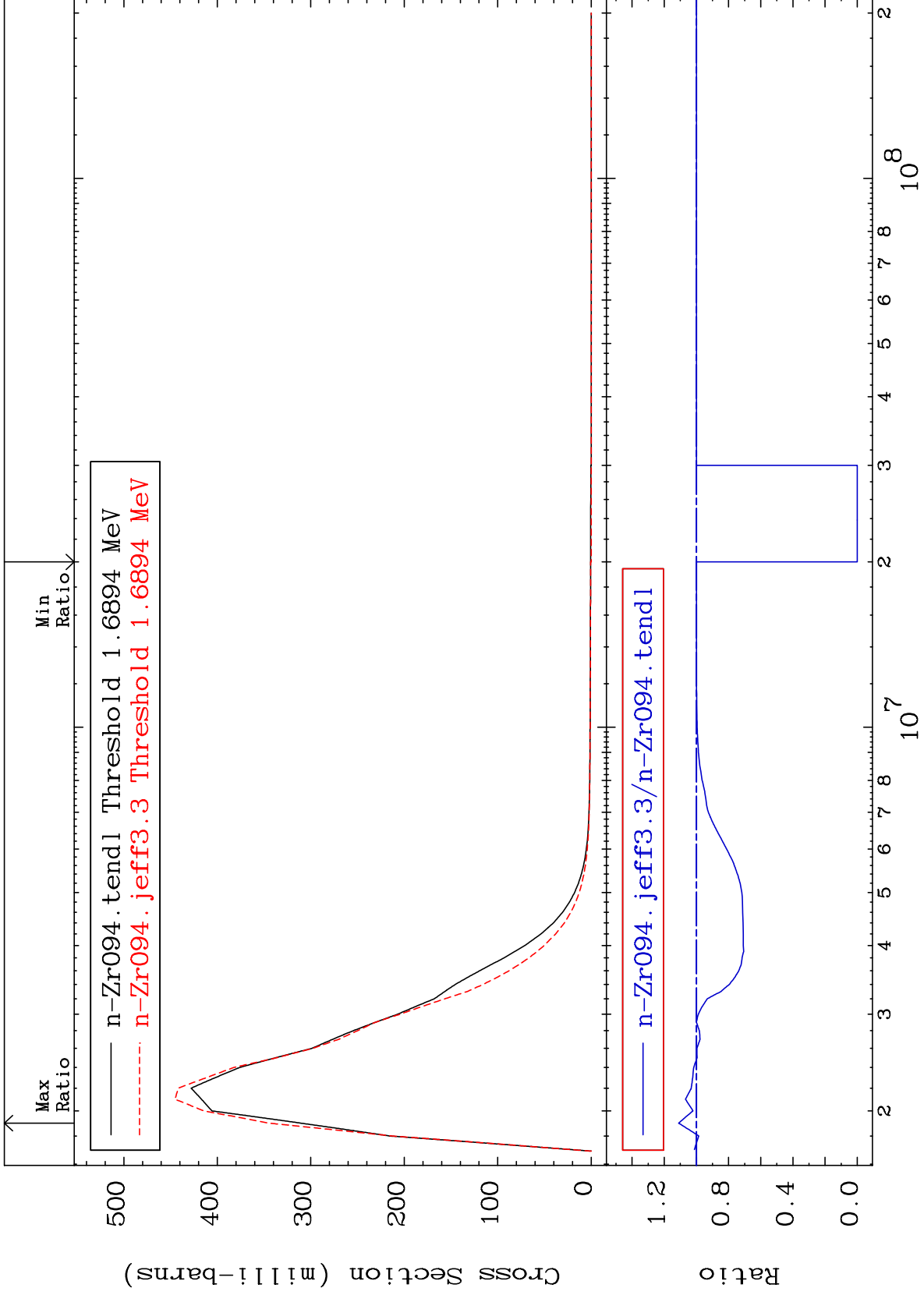
40-Zr-94  
-100.0 To 16.06 %



MAT 4037

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

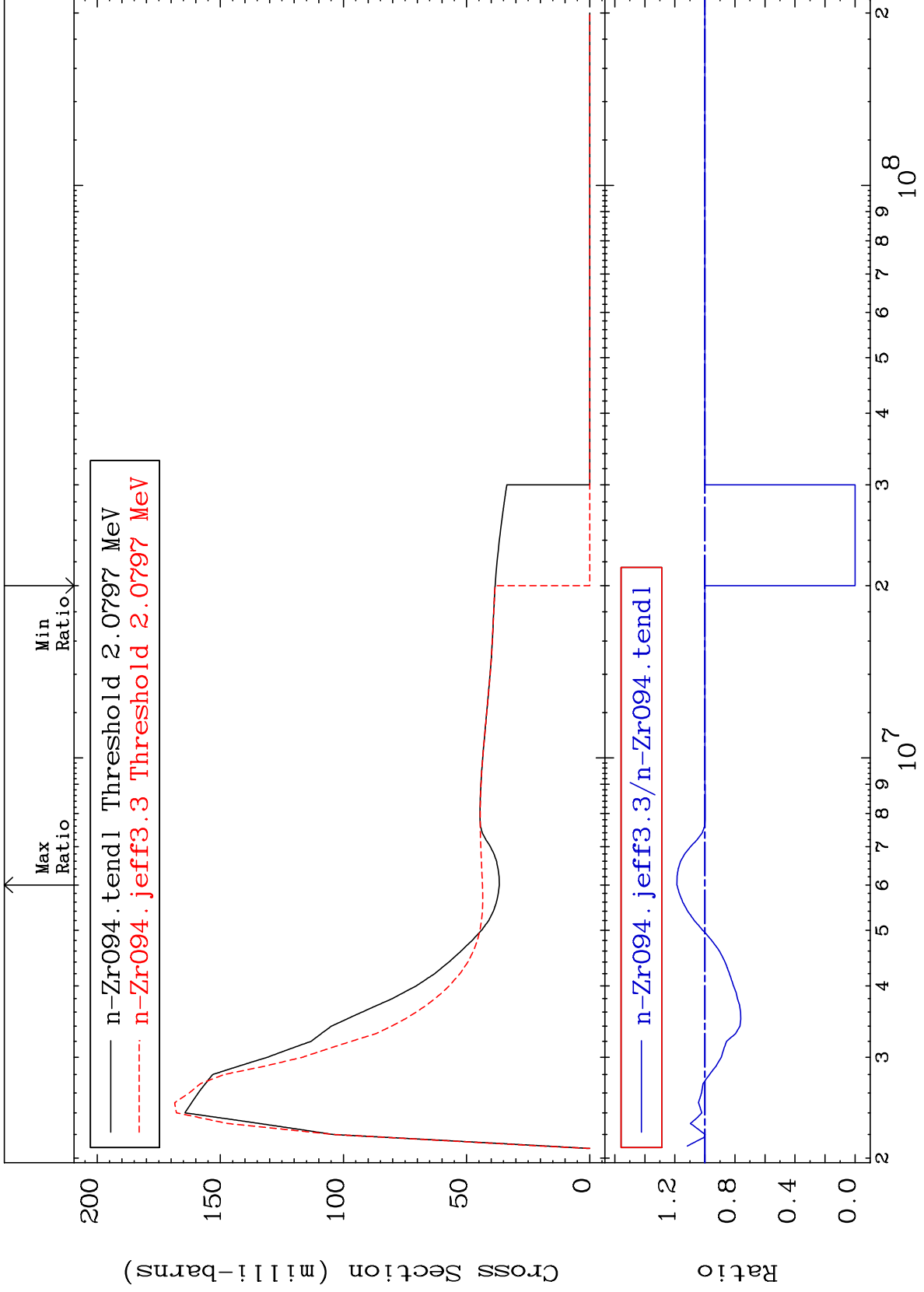
40-Zr-94  
-100.0 To 11.05 %



MAT 4037

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

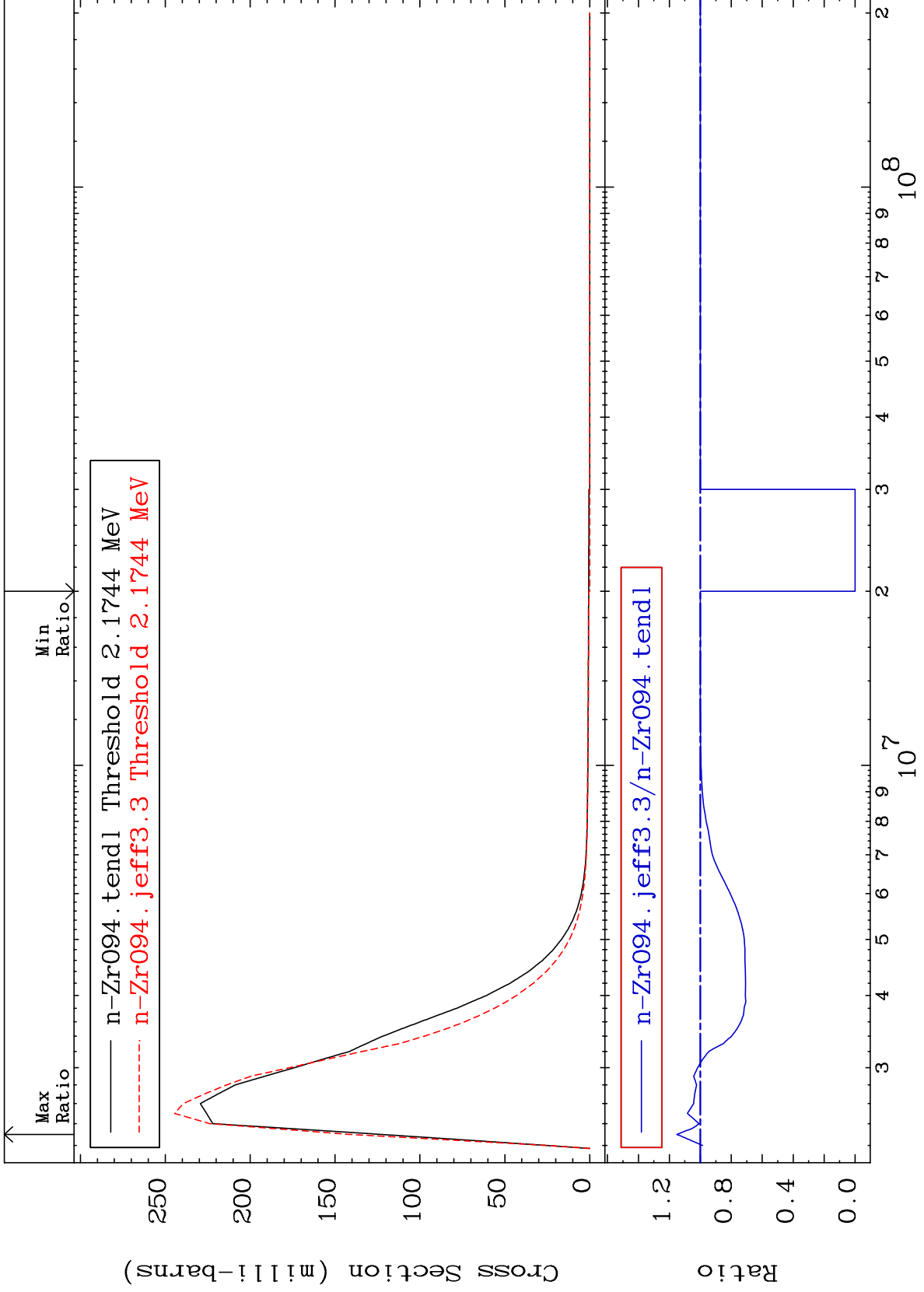
40-Zr-94  
-100.0 To 18.65 %



MAT 4037

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

40-Zr-94  
-100.0 To 15.13 %

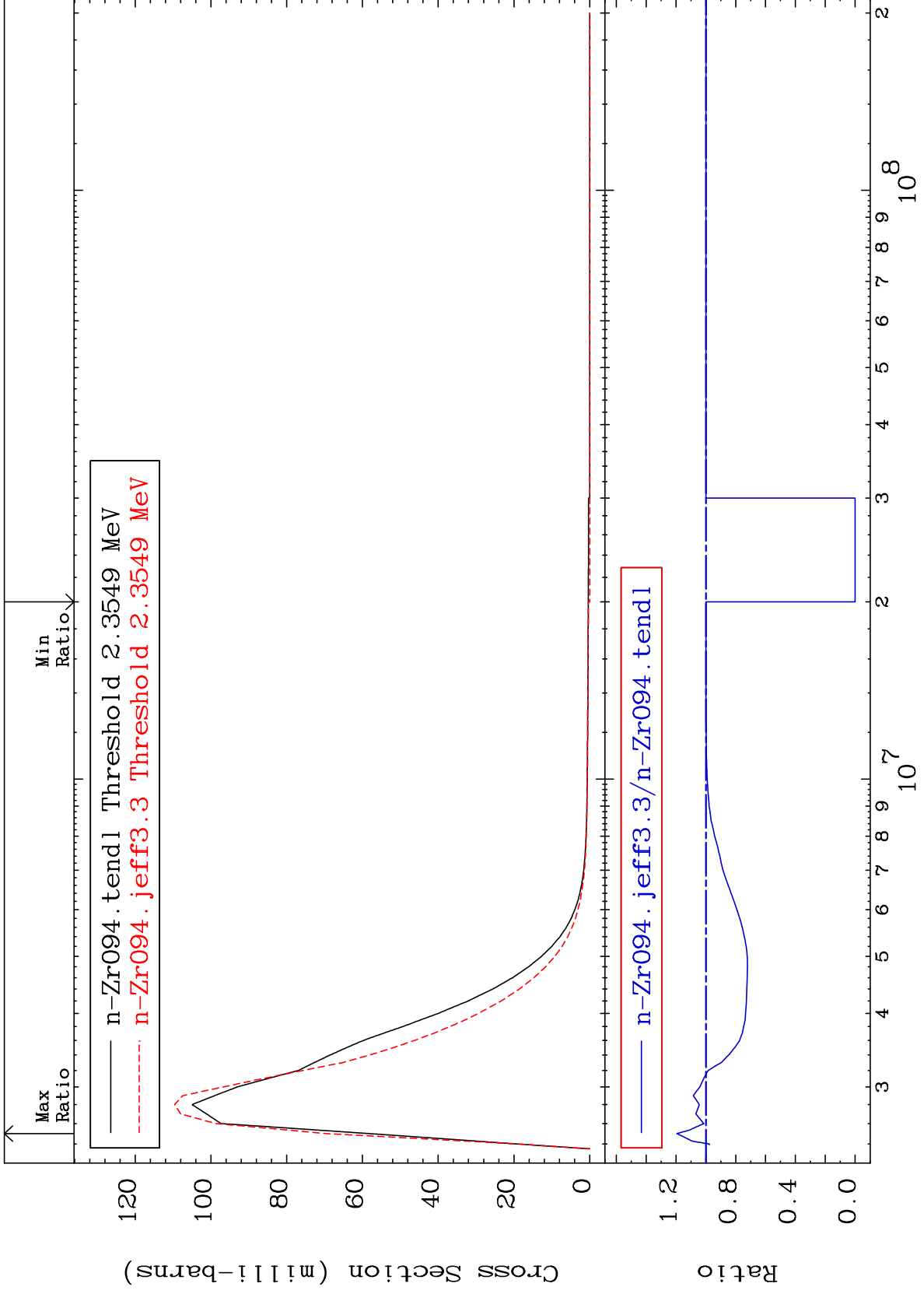




MAT 4037

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

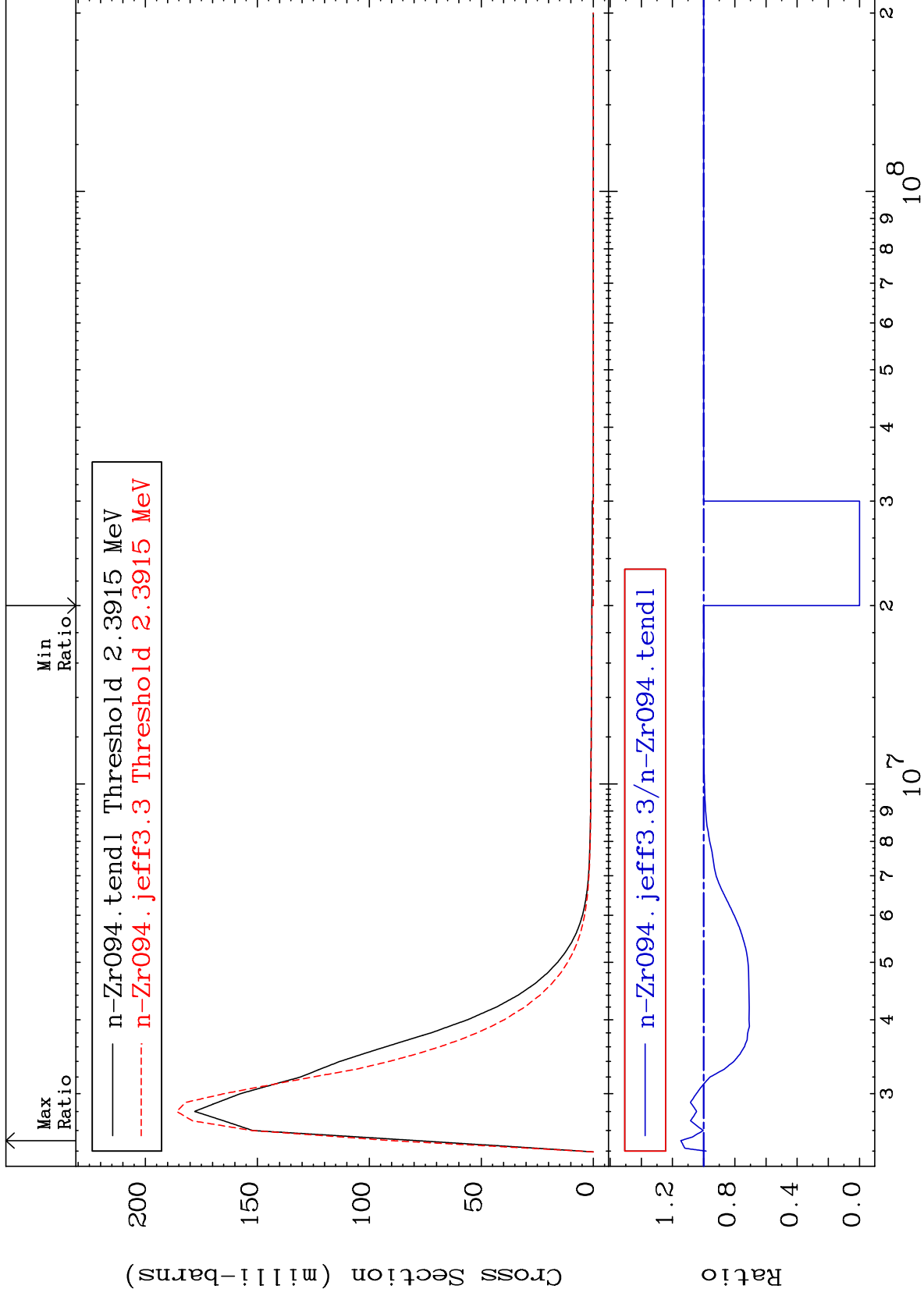
40-Zr-94  
-100.0 To 19.40 %



MAT 4037

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

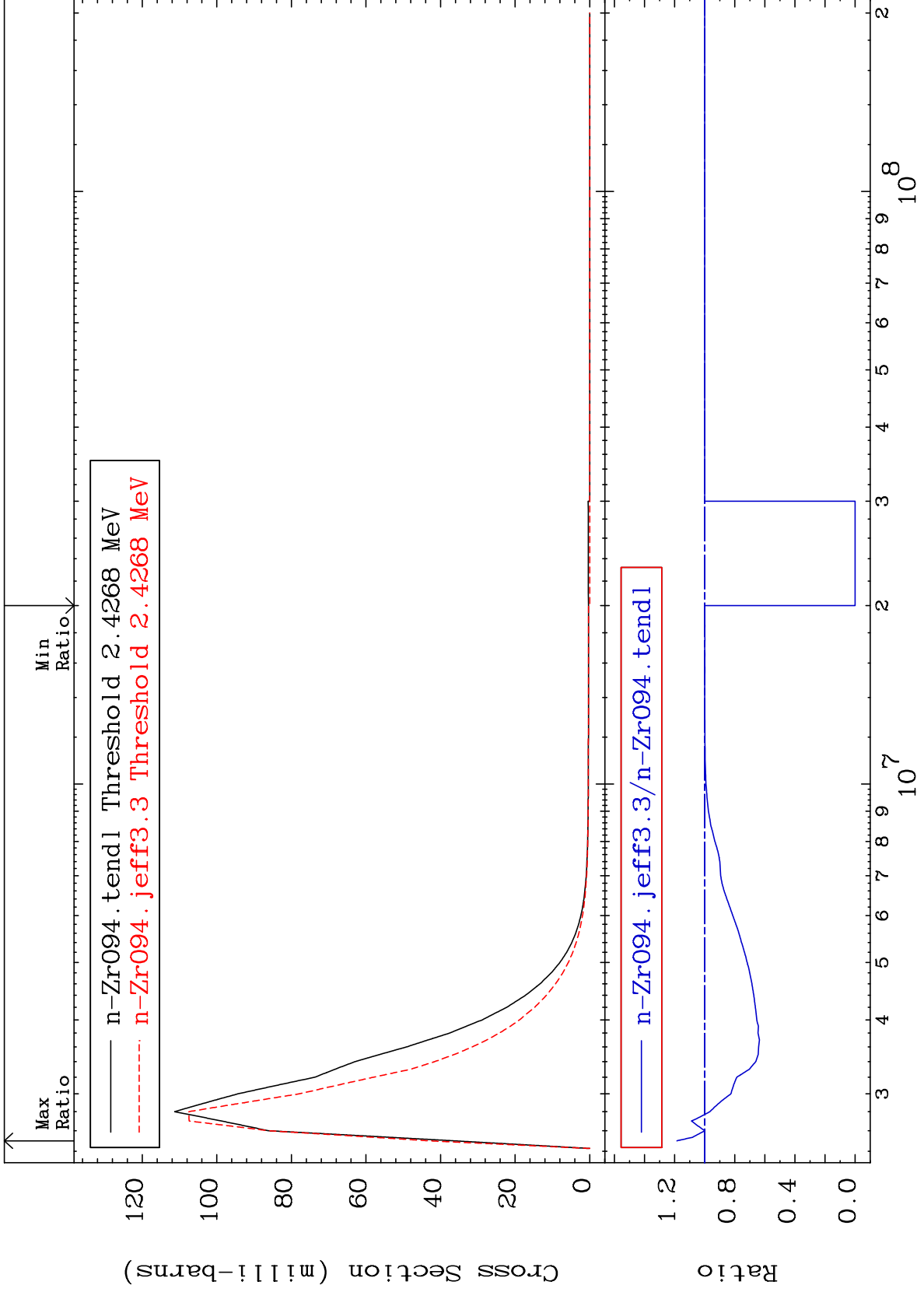
40-Zr-94  
-100.0 To 14.68 %



MAT 4037

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

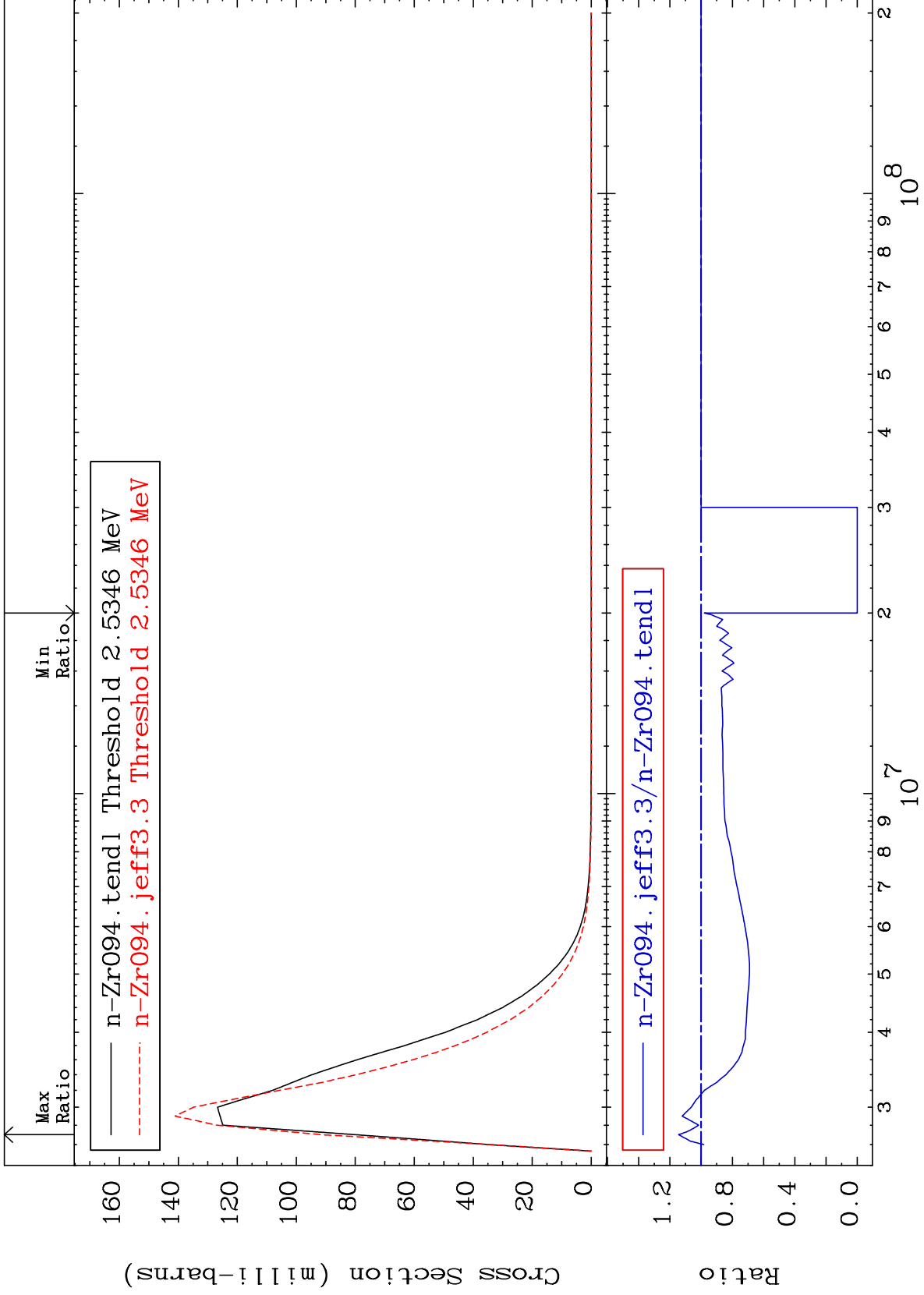
40-Zr-94  
-100.0 To 18.47 %



MAT 4037

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

40-Zr-94  
-100.0 To 14.42 %



20

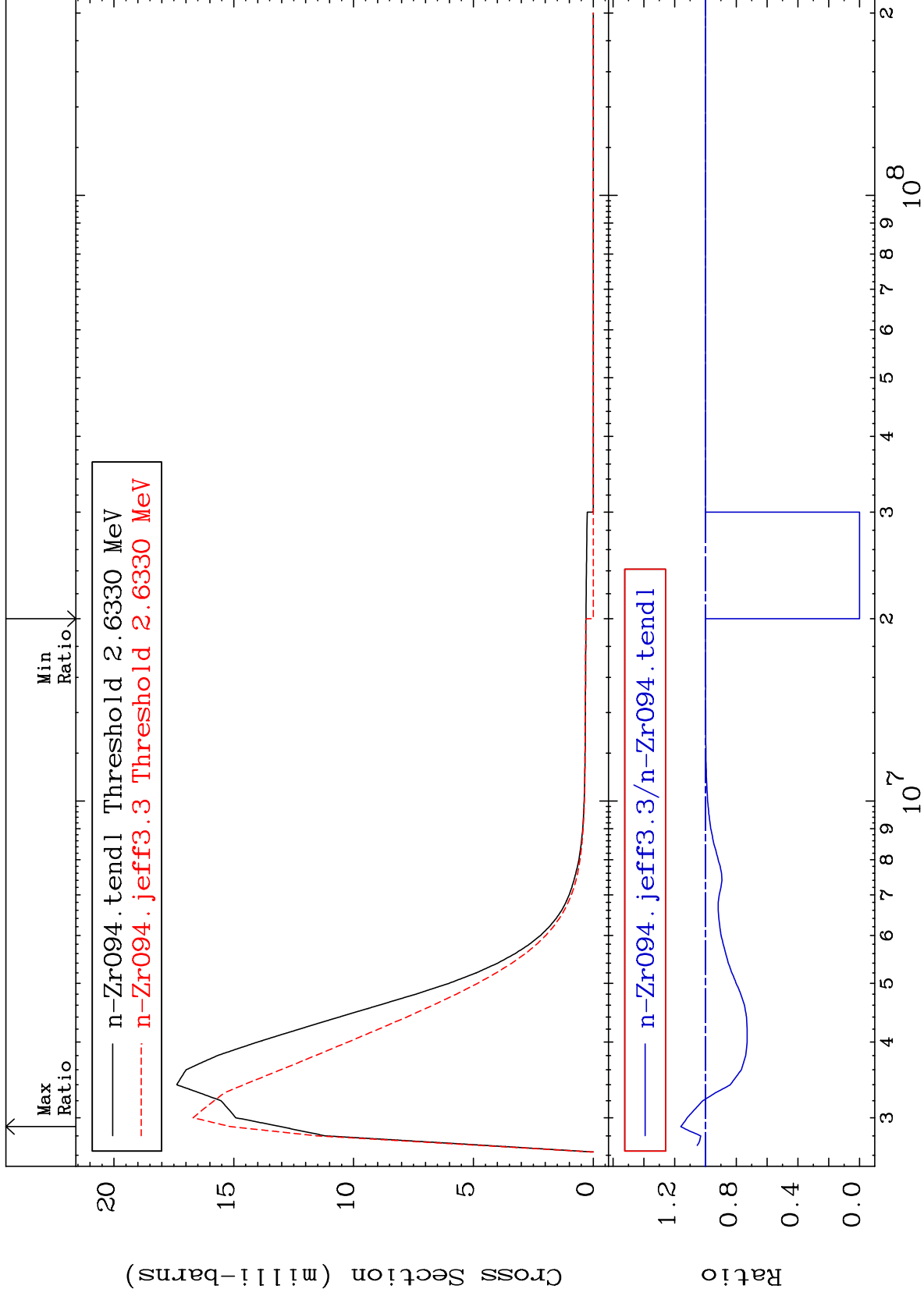
Incident Energy (eV)

40-Zr-94

MAT 4037

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

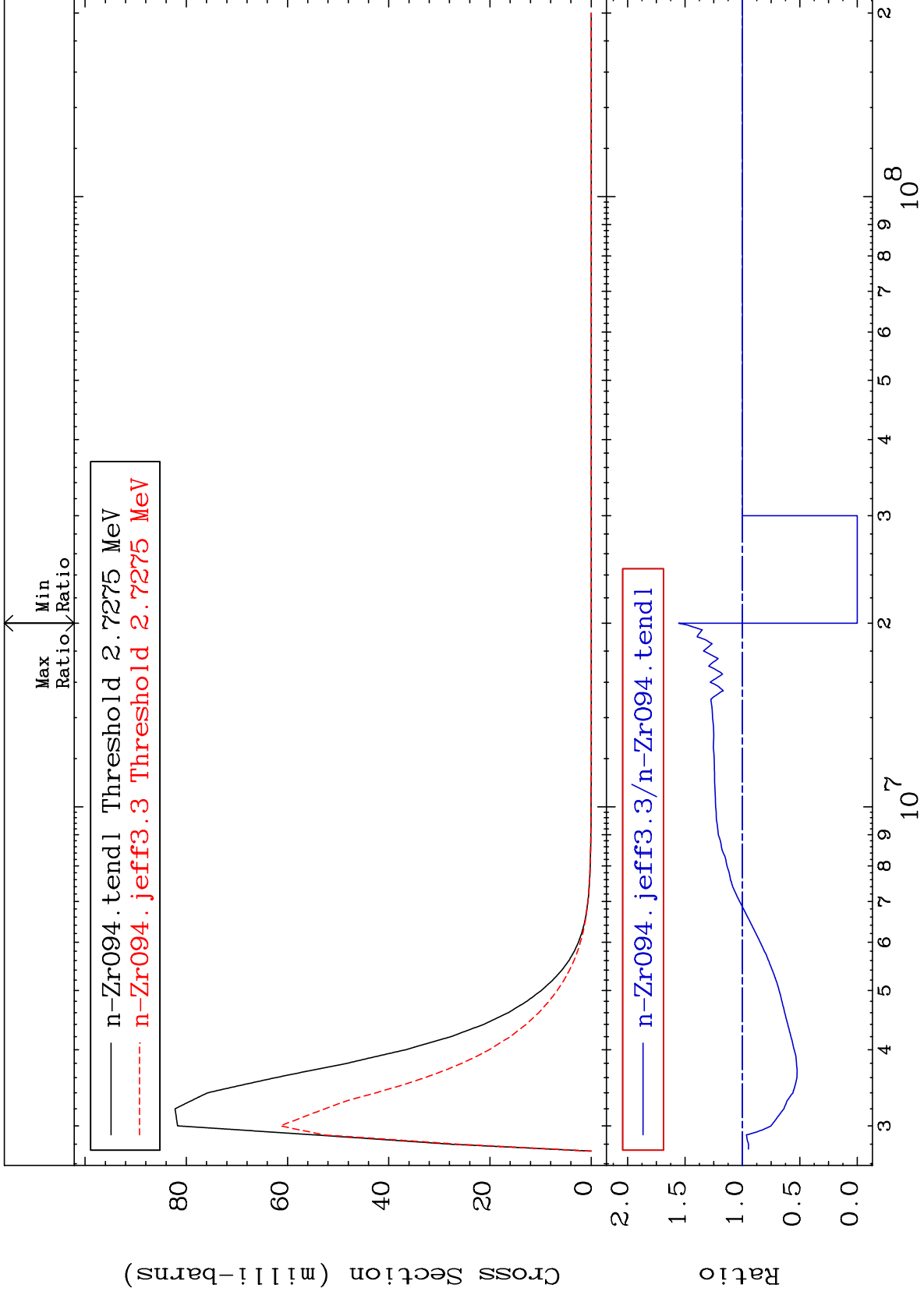
40-Zr-94  
-100.0 To 16.10 %



MAT 4037

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

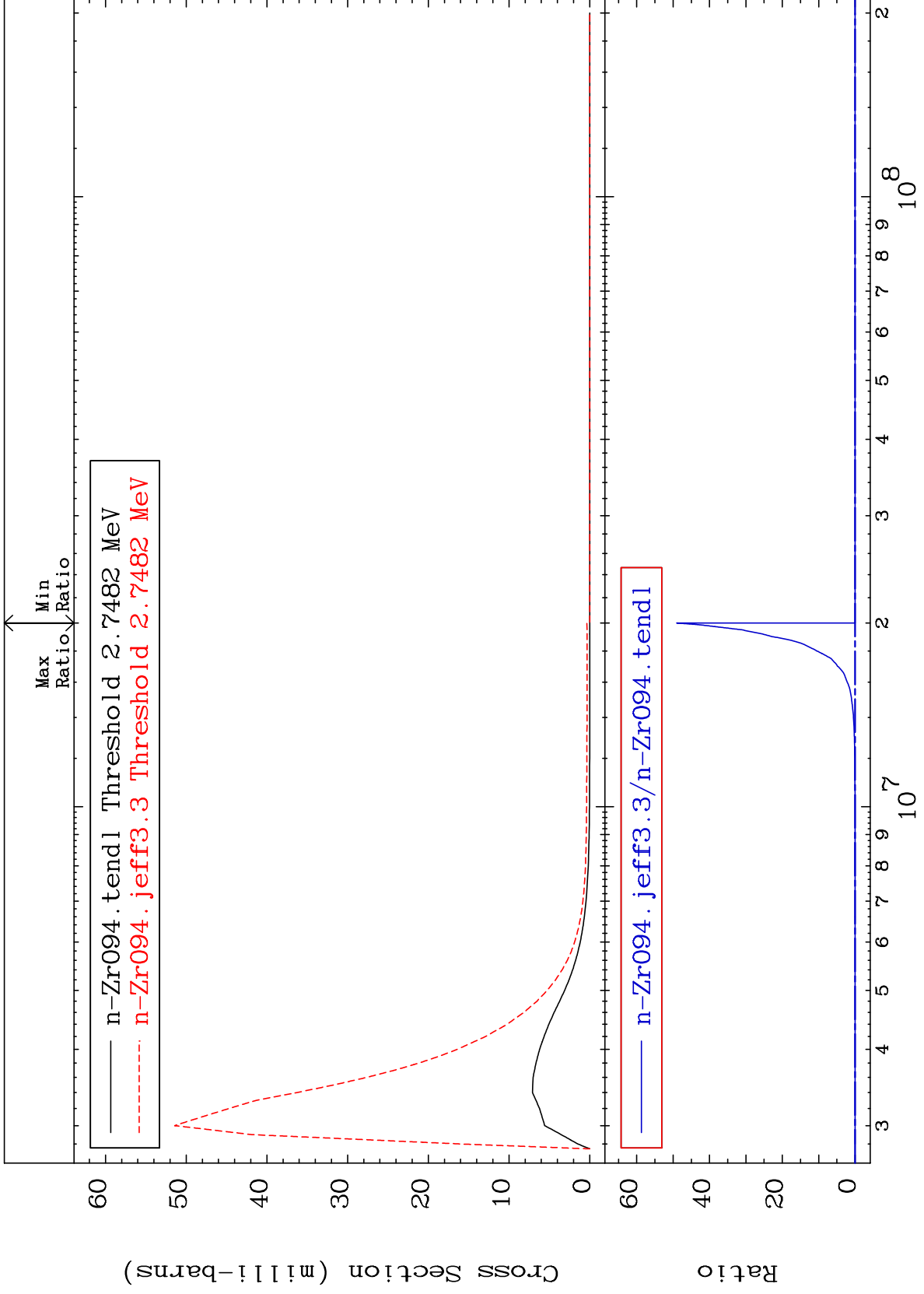
40-Zr-94  
-100.0 To 55.61 %



MAT 4037

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

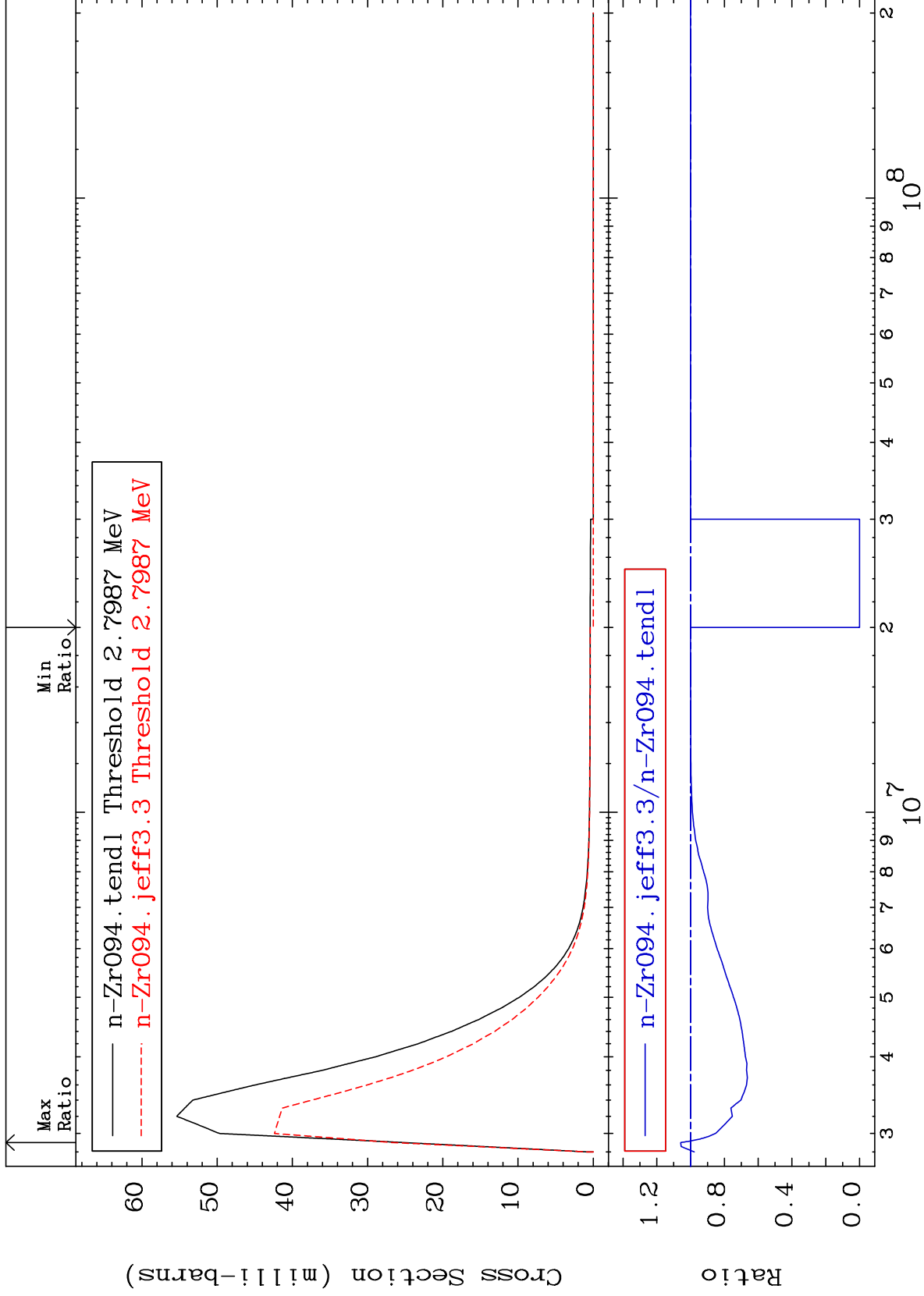
40-Zr-94  
-100.0 To 9999. %



MAT 4037

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

40-Zr-94  
-100.0 To 5.807 %

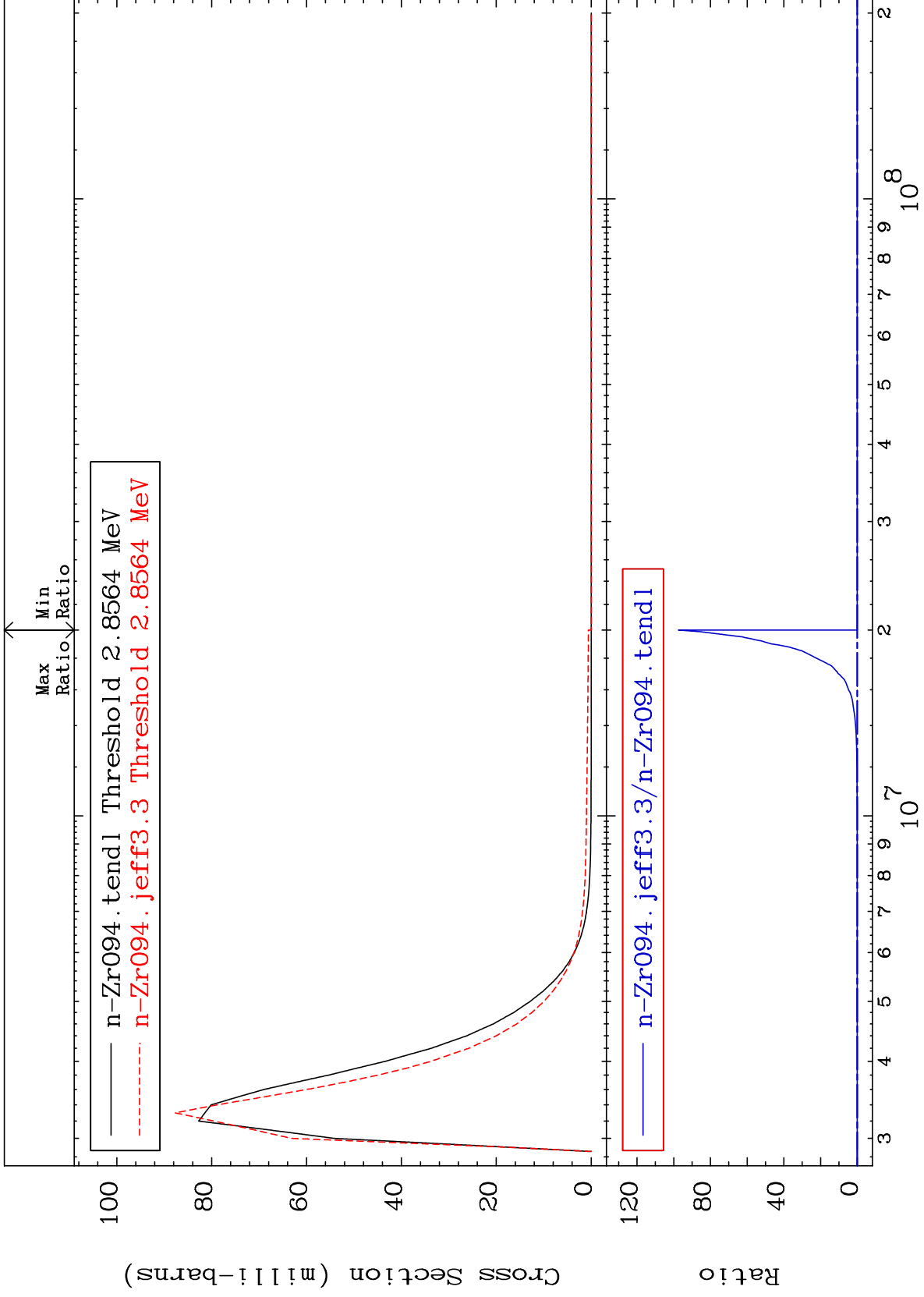




MAT 4037

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

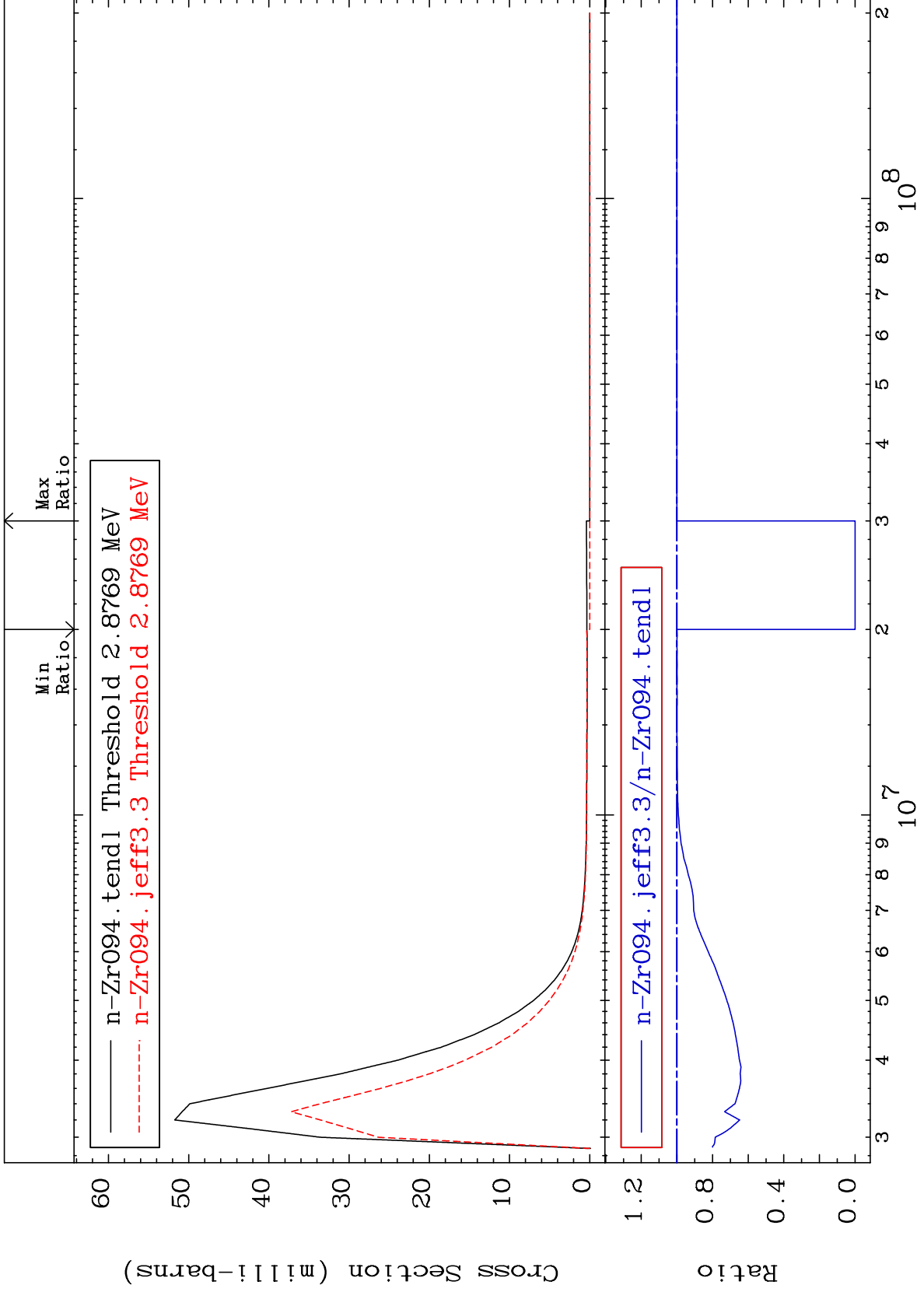
40-Zr-94  
-100.0 To 9999. %



MAT 4037

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

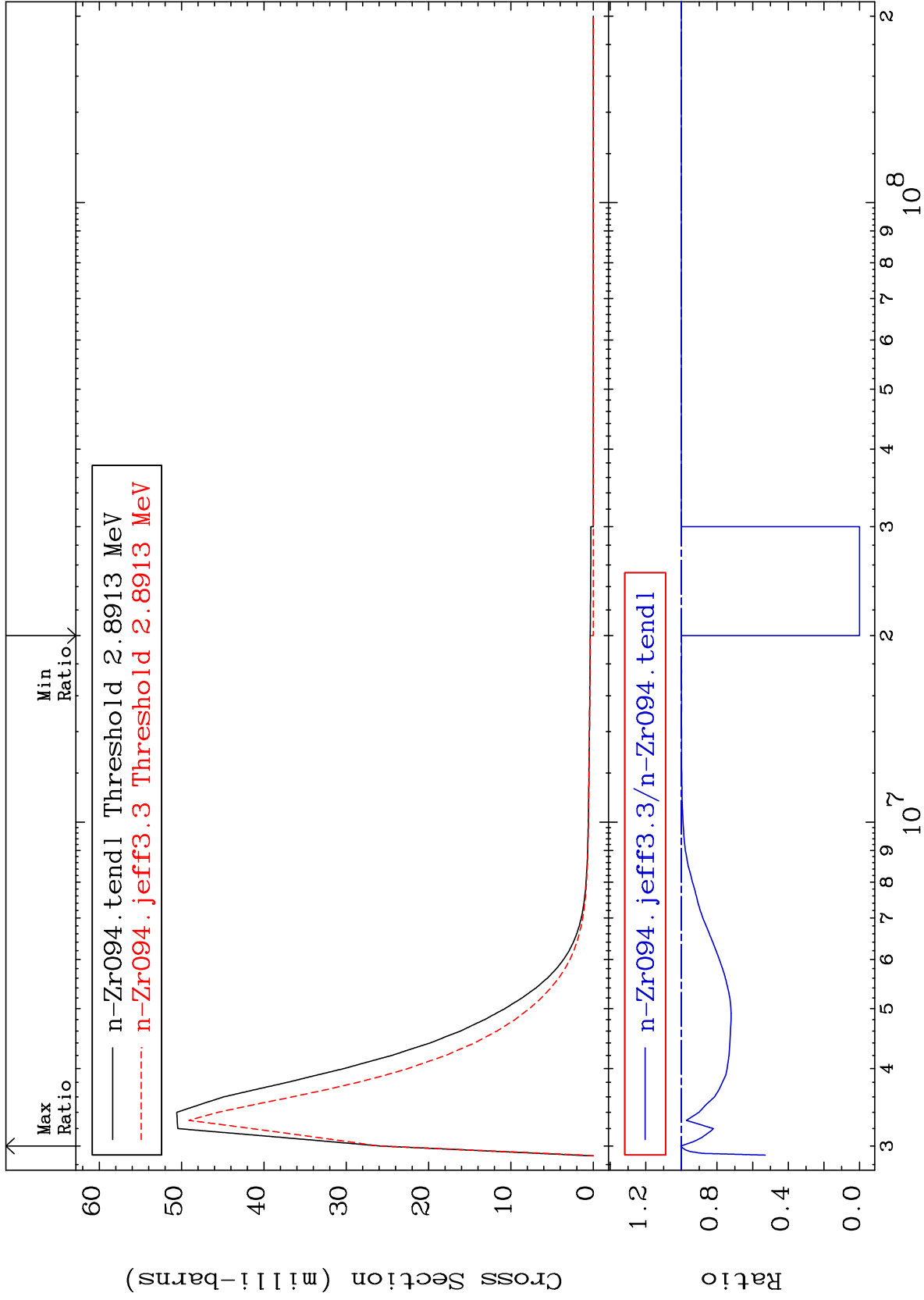
40-Zr-94  
-100.0 To 0.000 %



MAT 4037

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

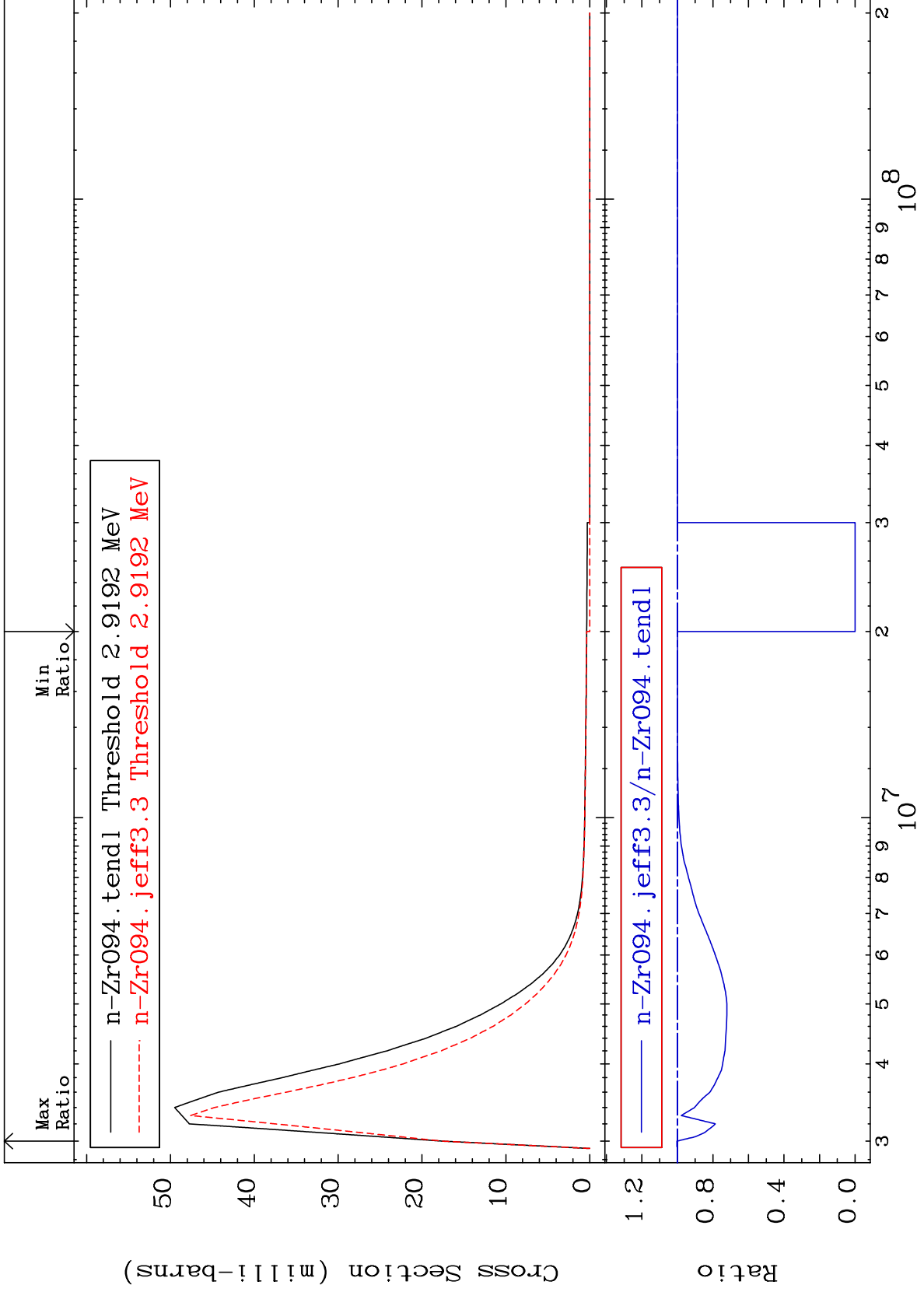
40-Zr-94  
-100.0 To 0.361 %



MAT 4037

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

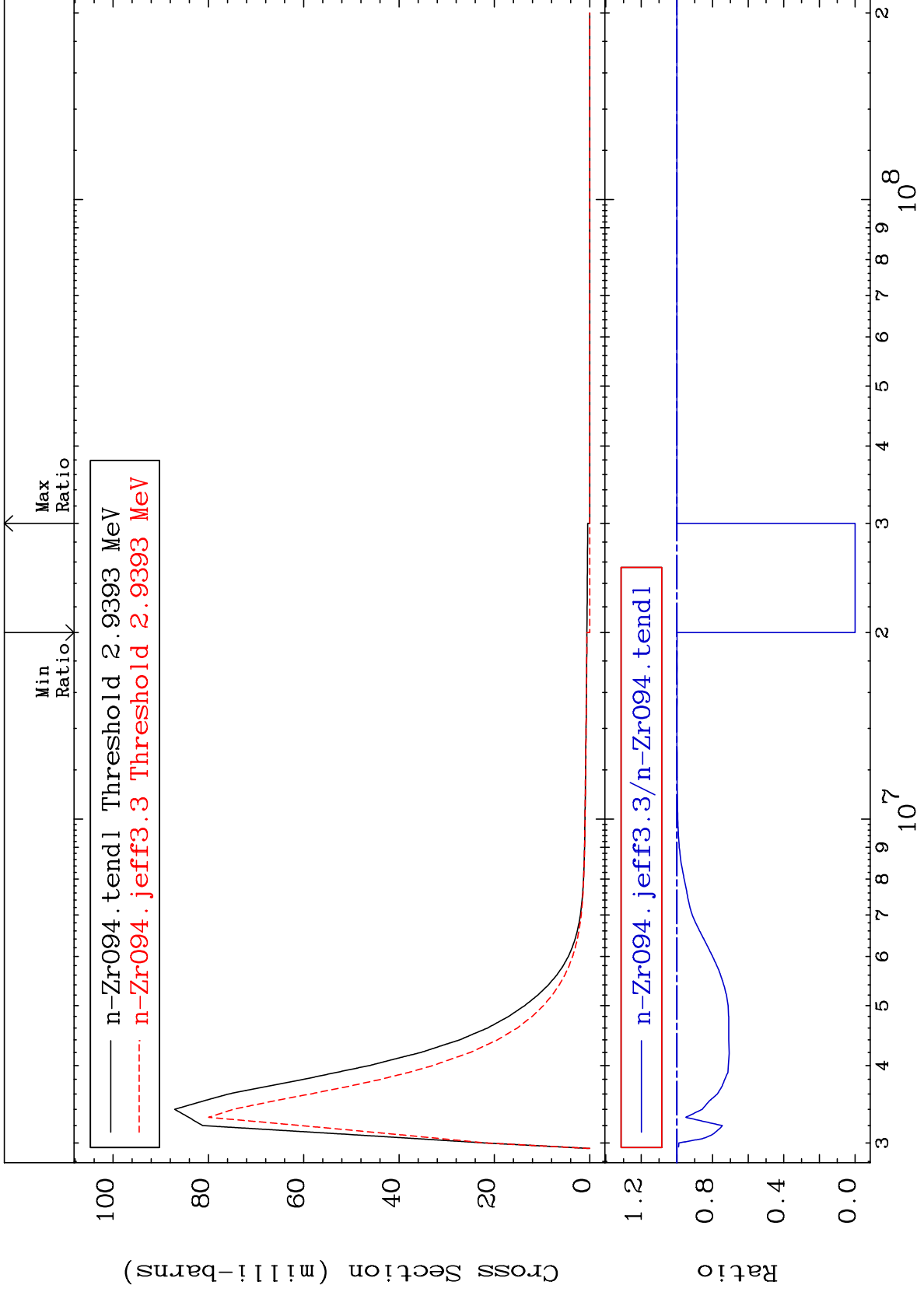
40-Zr-94  
-100.0 To 0.271 %



MAT 4037

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

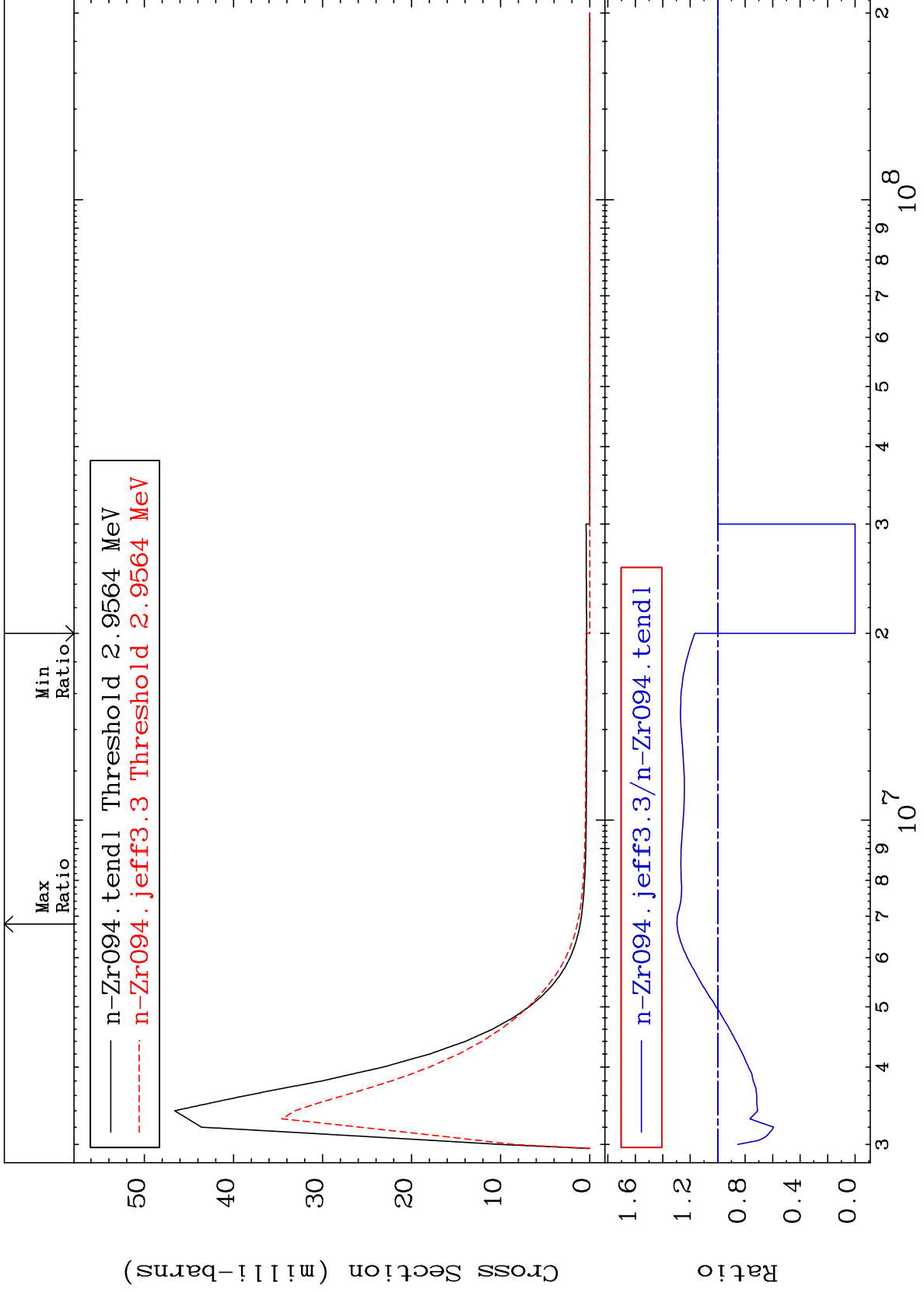
40-Zr-94  
-100.0 To 0.000 %



MAT 4037

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

40-Zr-94  
-100.0 To 29.69 %

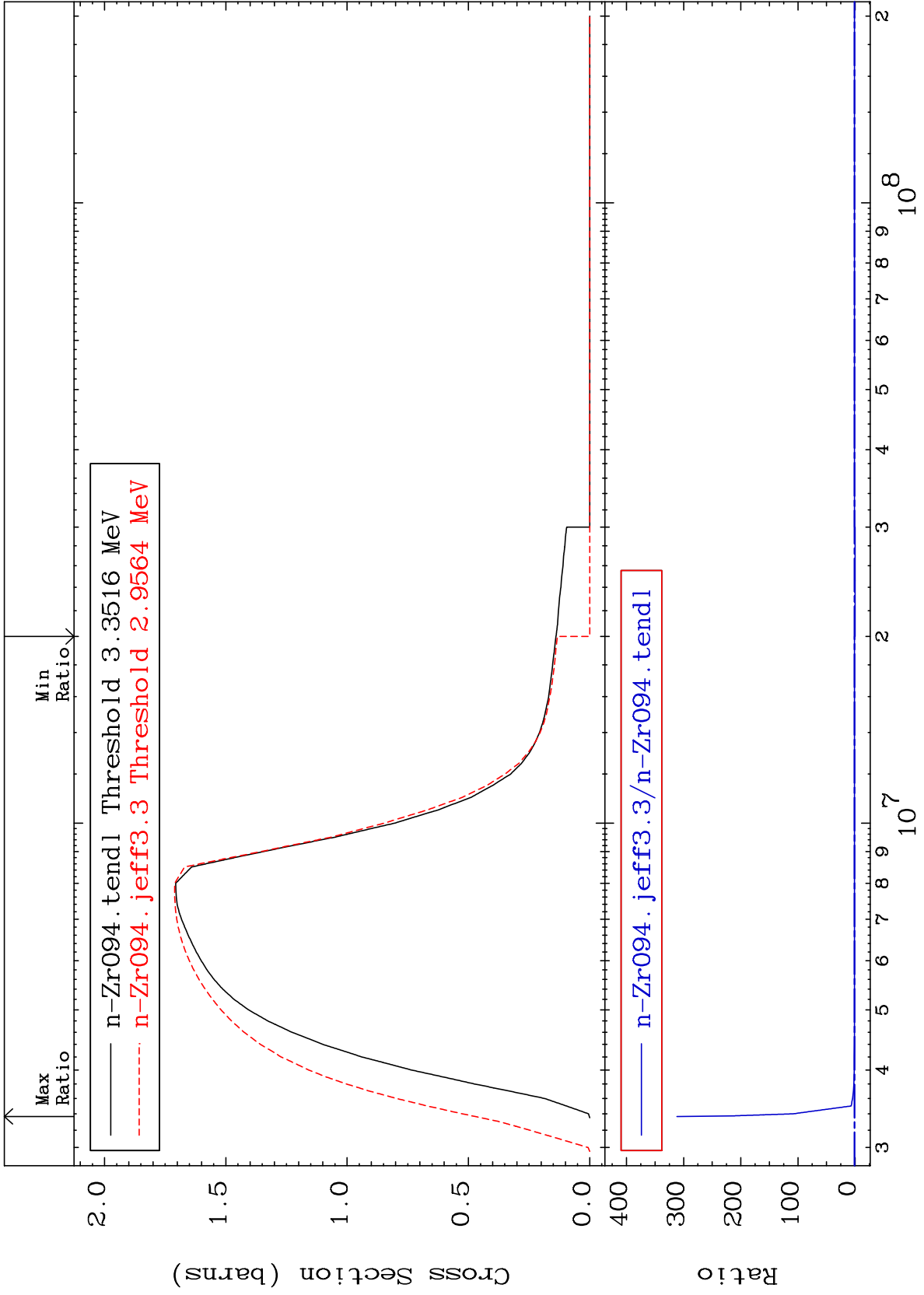


30

MAT 4037

(n, n') Continuum  
Cross Section

40-Zr-94  
-100.0 To 9999. %



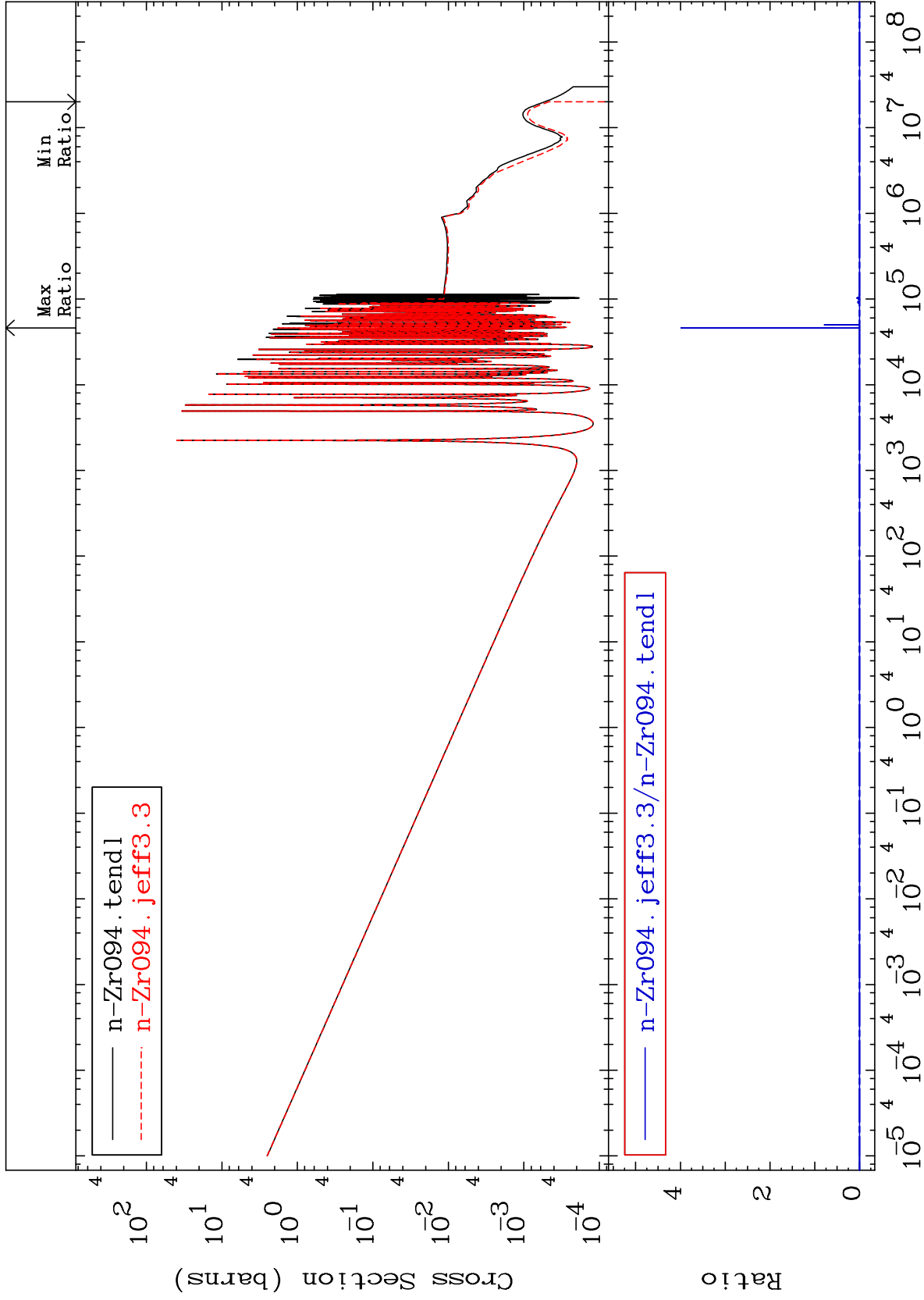
MAT 4037

(n,  $\gamma$ )

40-Zr-94

Cross Section

-100.0 To 9999. %

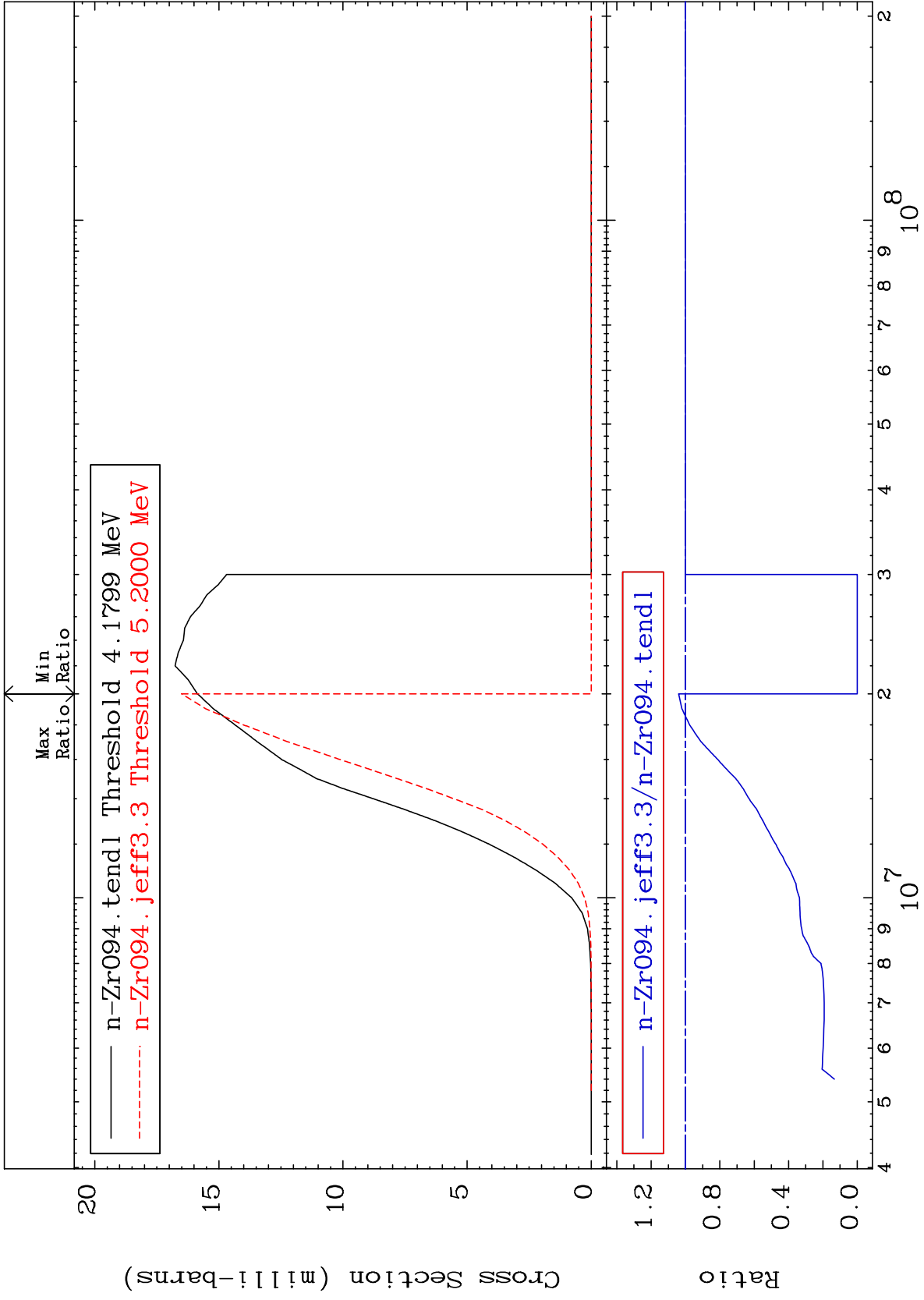


32

Incident Energy (eV)

40-Zr-94





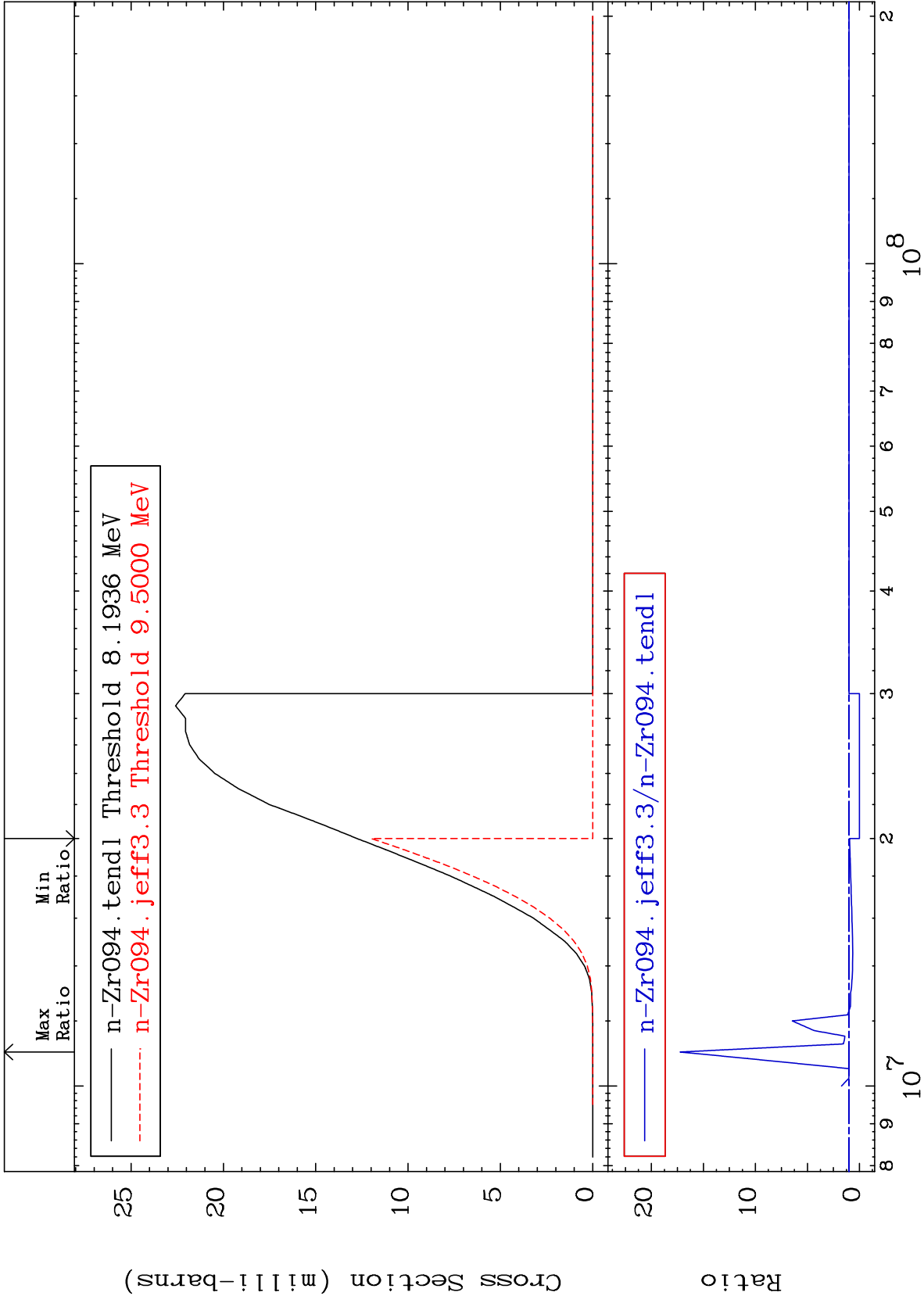
MAT 4037

(n, d)

40-Zr-94

Cross Section

-100.0 To 1621. %



34

Incident Energy (eV)

40-Zr-94

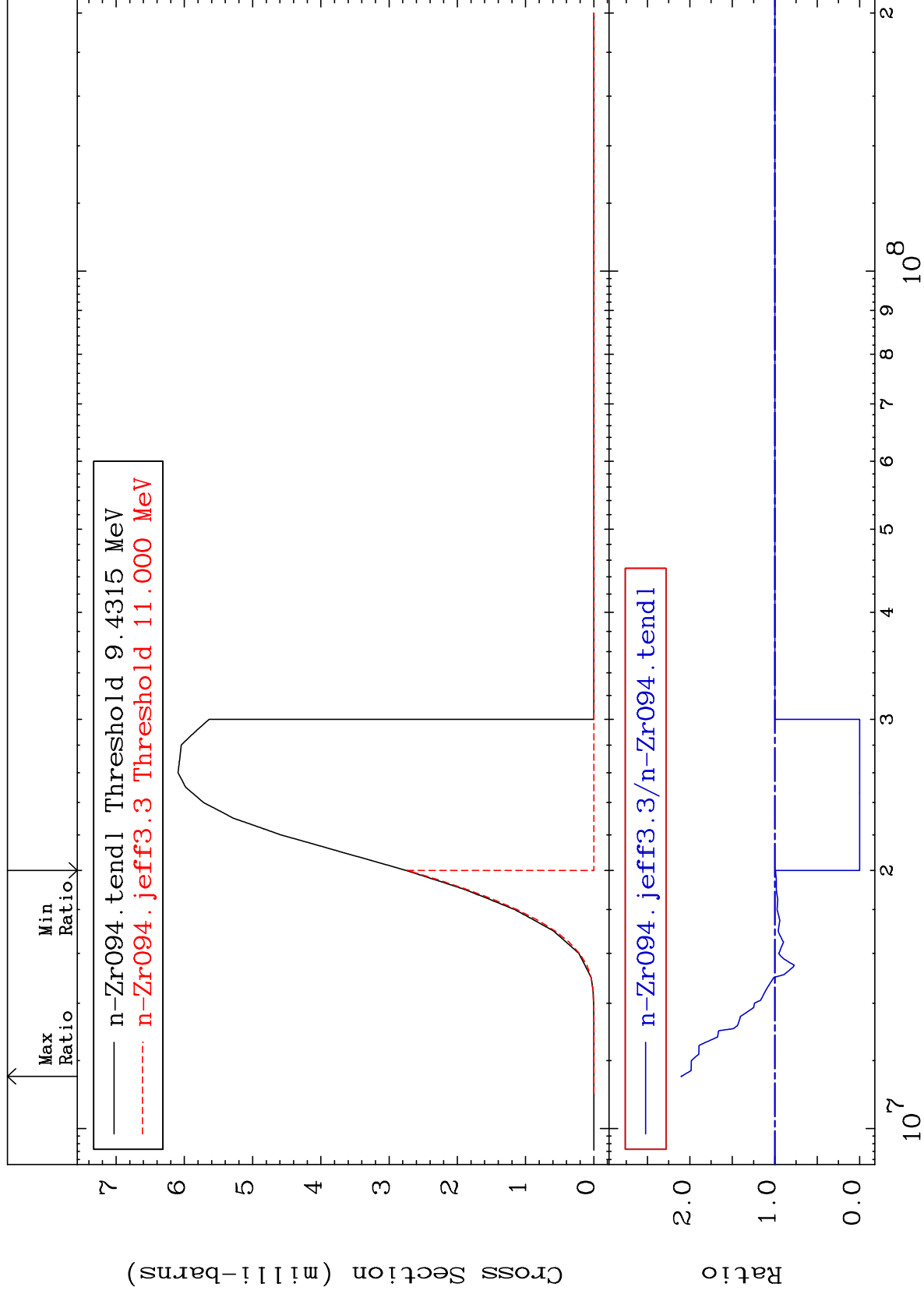
MAT 4037

(n, t)

40-Zr-94

Cross Section

-100.0 To 110.3 %



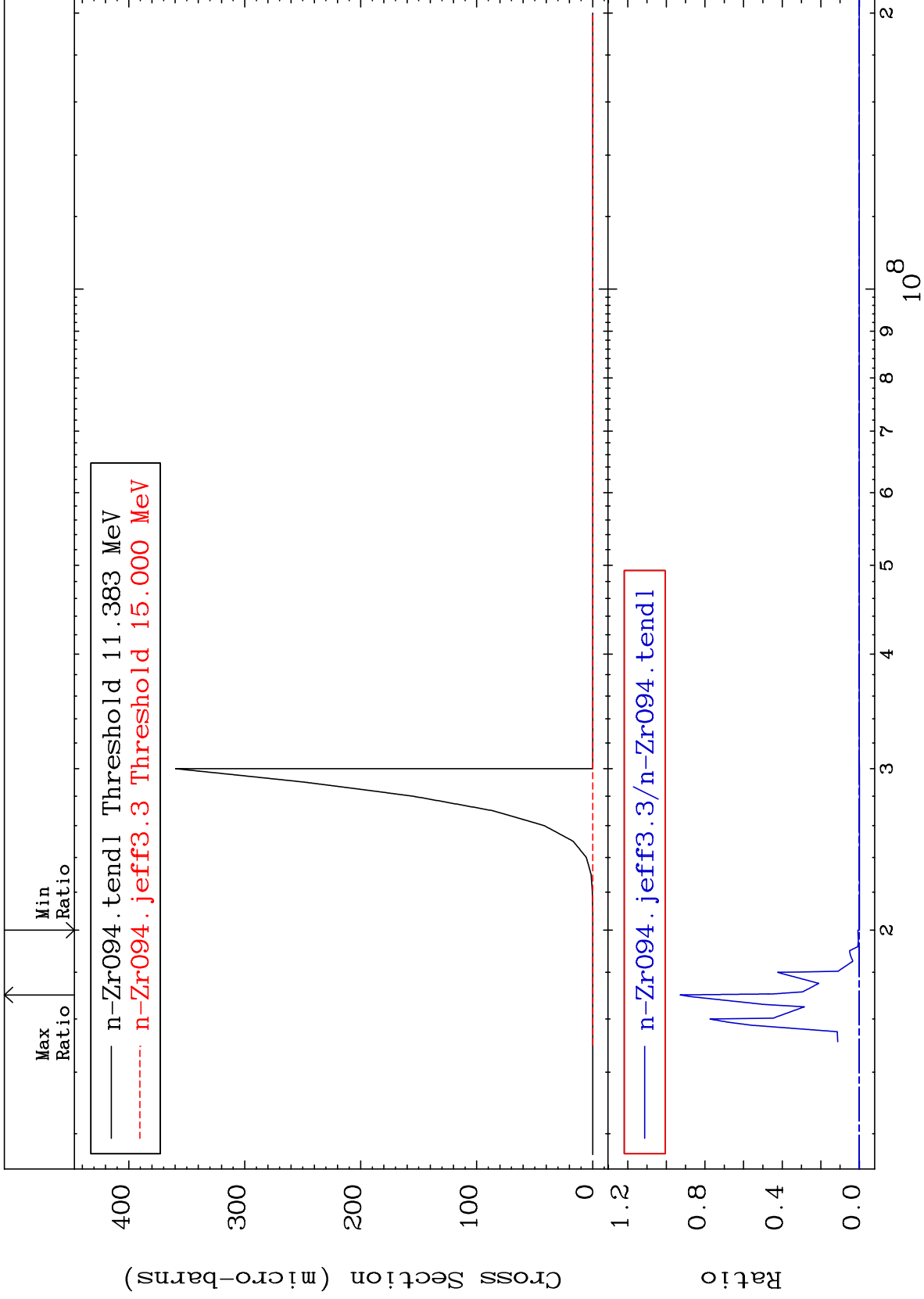
35

Incident Energy (eV)

40-Zr-94

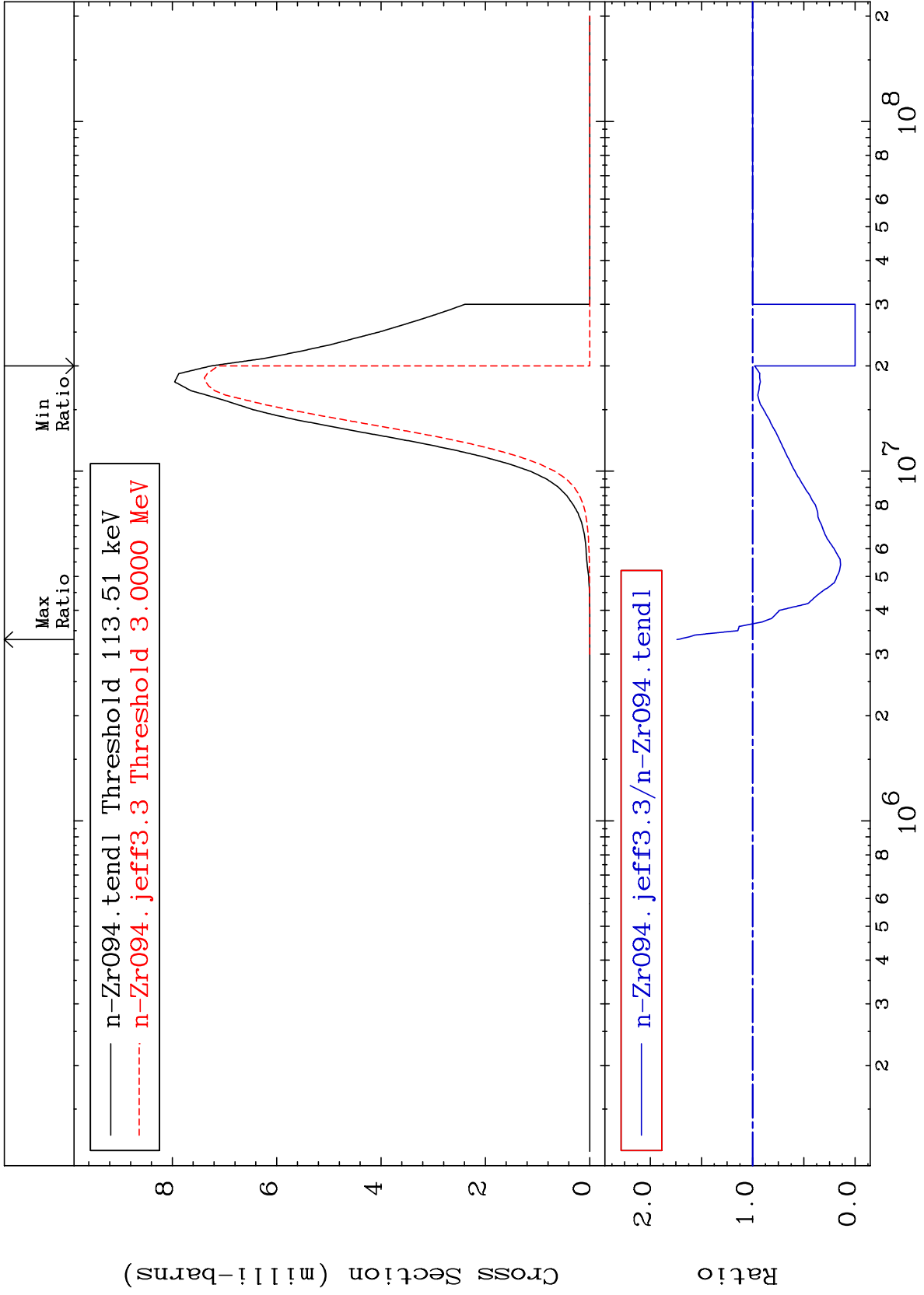
Cross Section

-100.0 To 9999. %



MAT 4037

(n,  $\alpha$ )  
Cross Section  
40-Zr-94  
-100.0 To 73.99 %



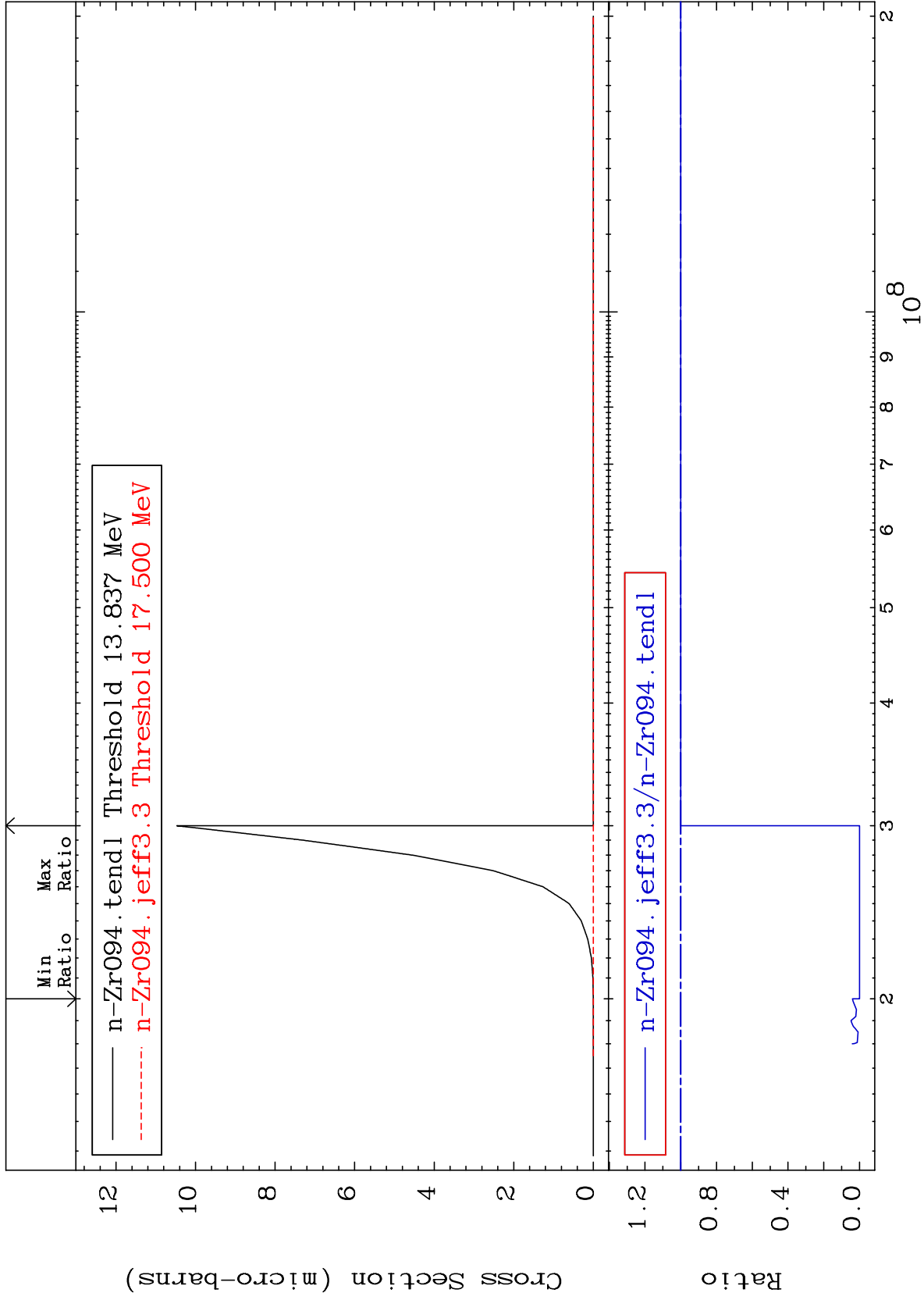
MAT 4037

(n,2p)

40-Zr-94

Cross Section

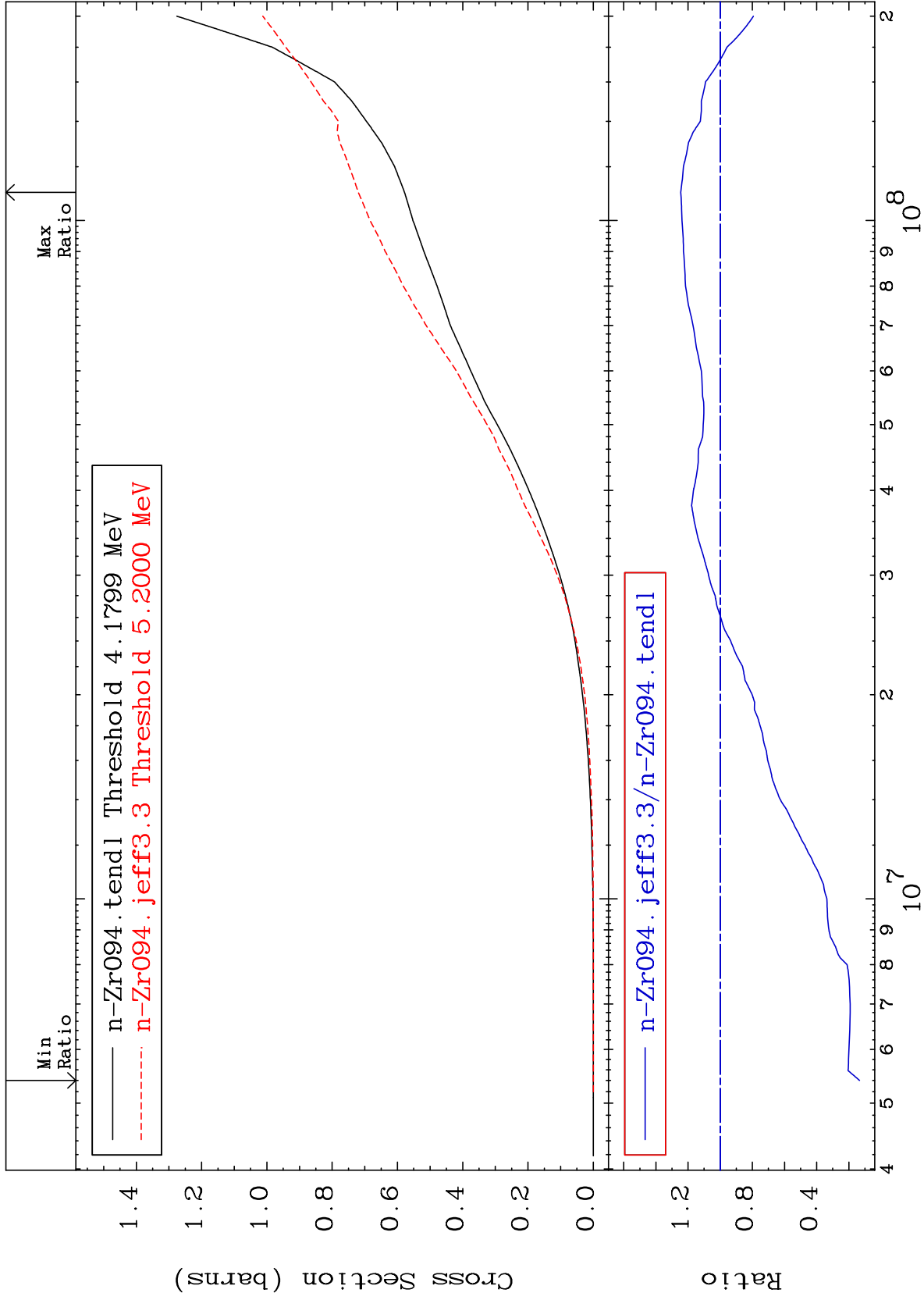
-100.0 To 0.000 %



MAT 4037

Hydrogen Production  
Cross Section

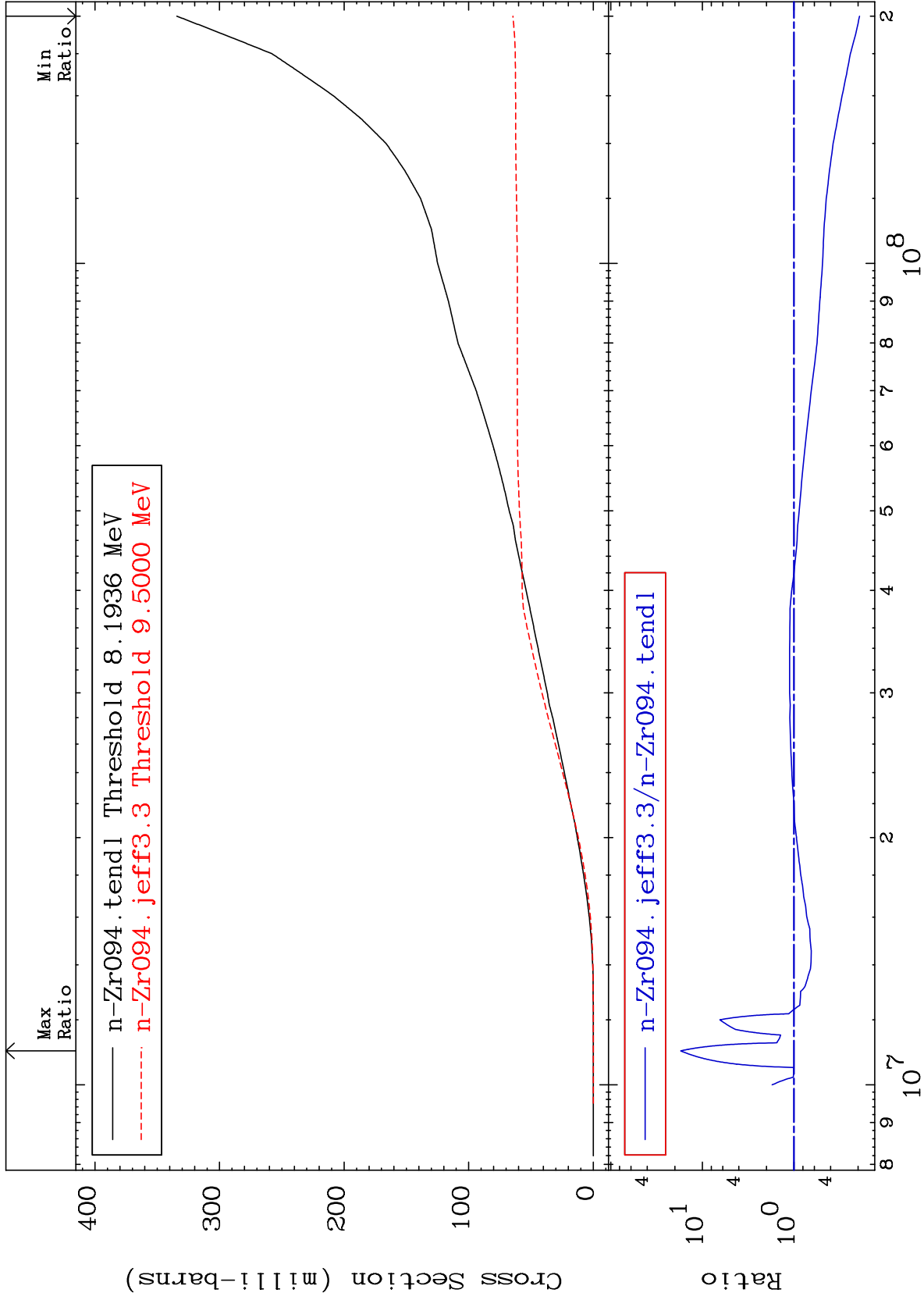
40-Zr-94  
-86.65 To 24.53 %



MAT 4037

Deuterium Production  
Cross Section

40-Zr-94  
-80.72 To 1621. %



40

Incident Energy (eV)

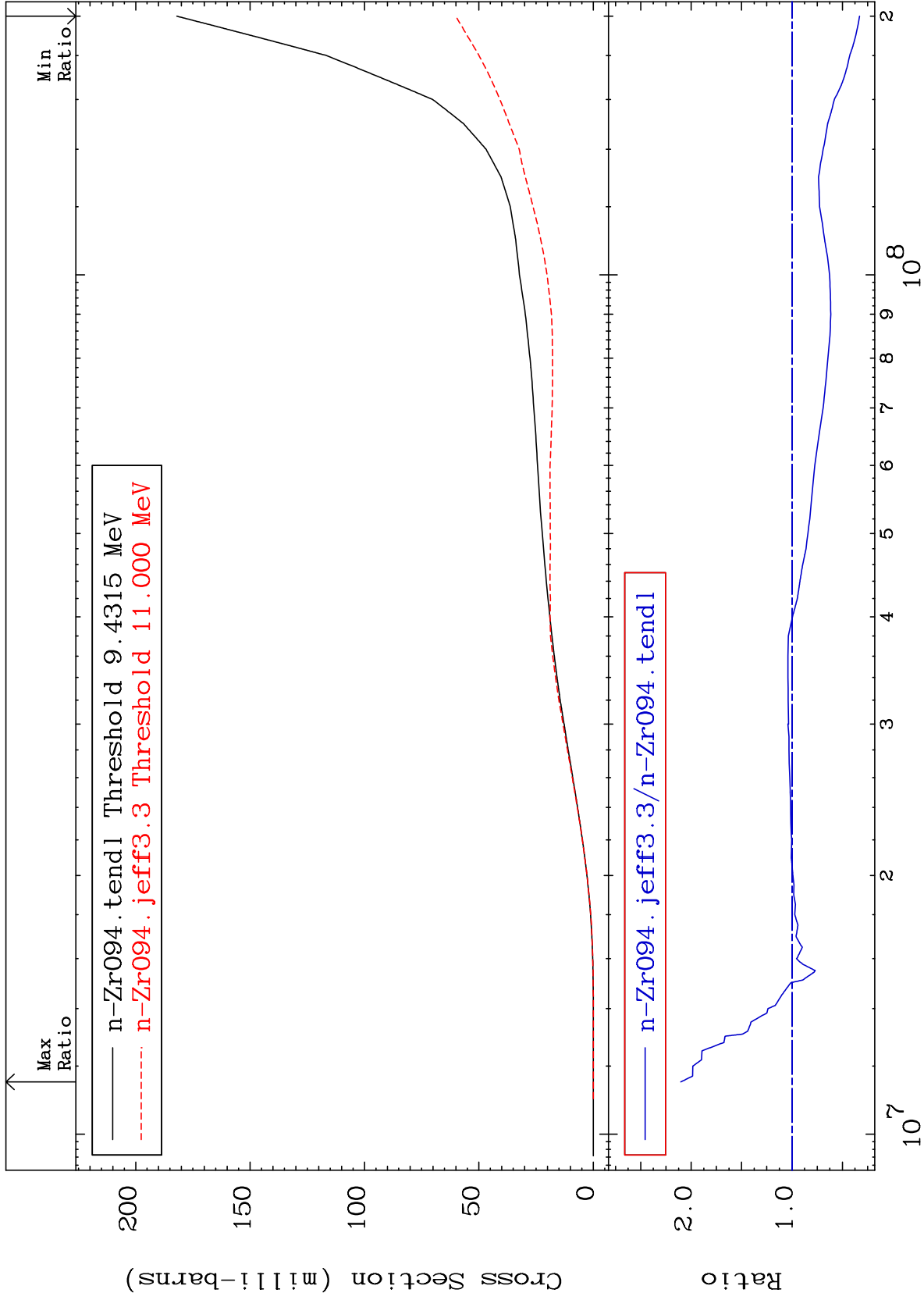
40-Zr-94



MAT 4037

Tritium Production  
Cross Section

40-Zr-94  
-66.97 To 110.3 %



41

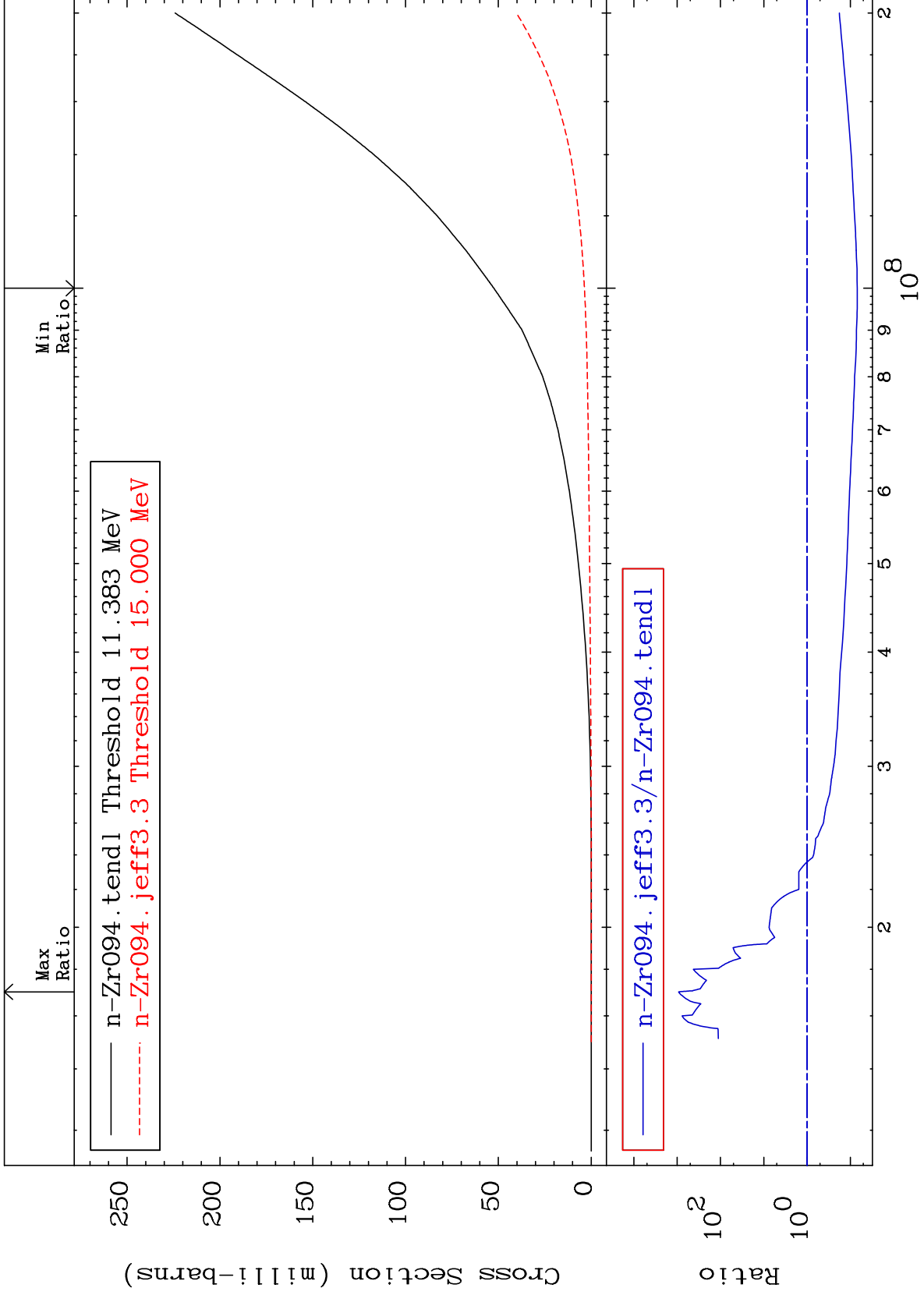
Incident Energy (eV)

40-Zr-94

MAT 4037

He-3 Production  
Cross Section

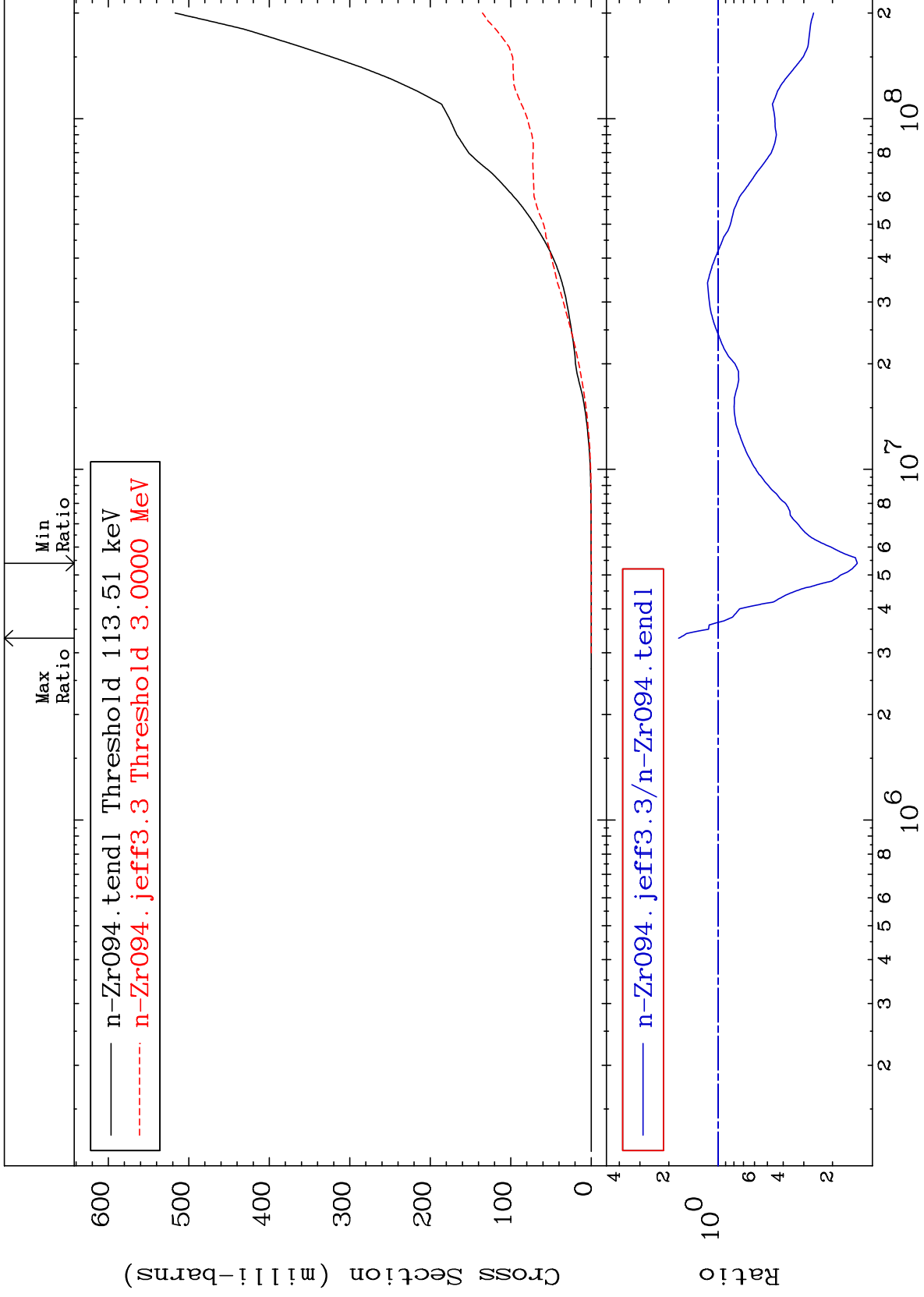
40-Zr-94  
-93.08 To 9999. %

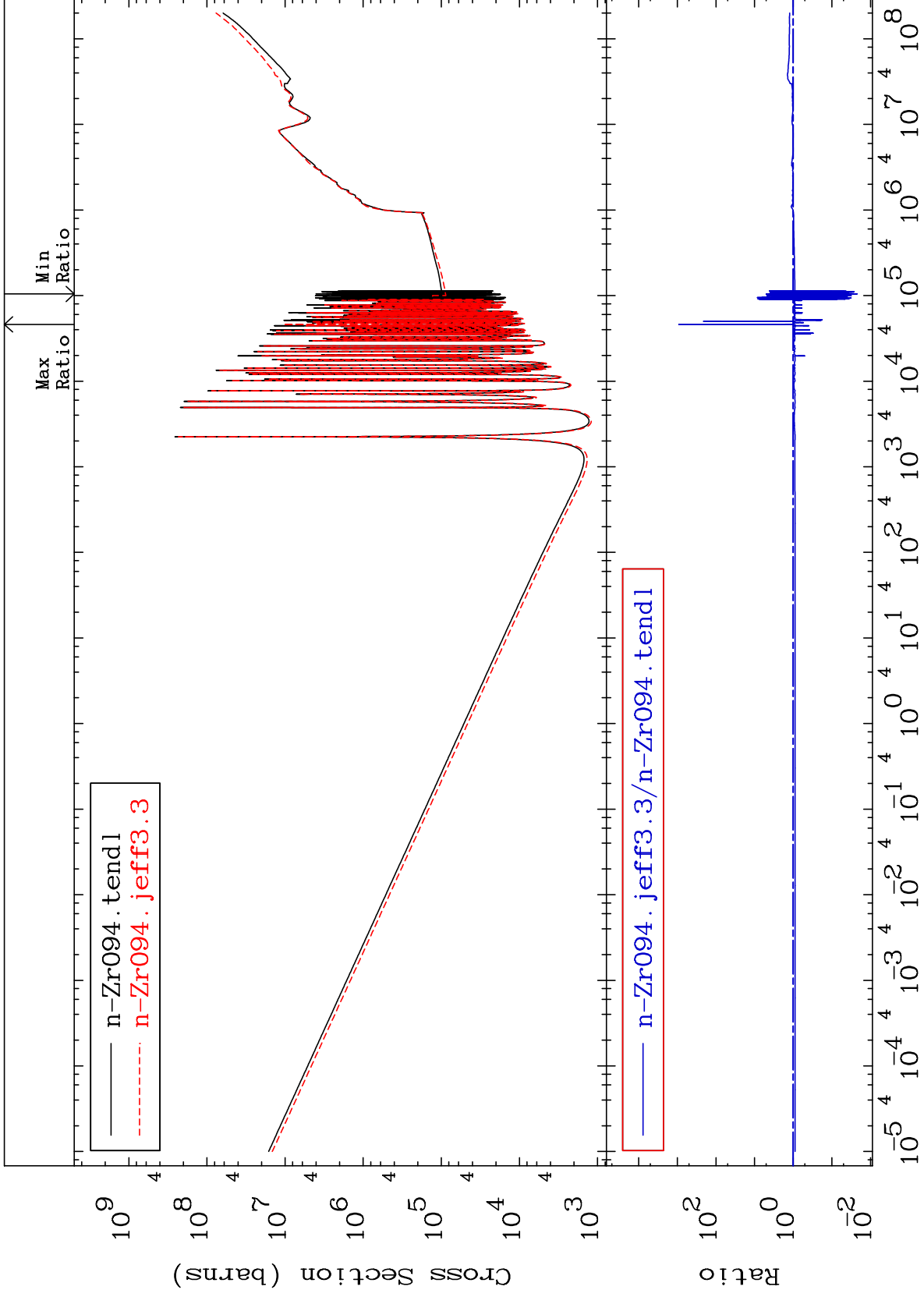


MAT 4037

He-4 Production  
Cross Section

40-Zr-94  
-85.86 To 73.99 %

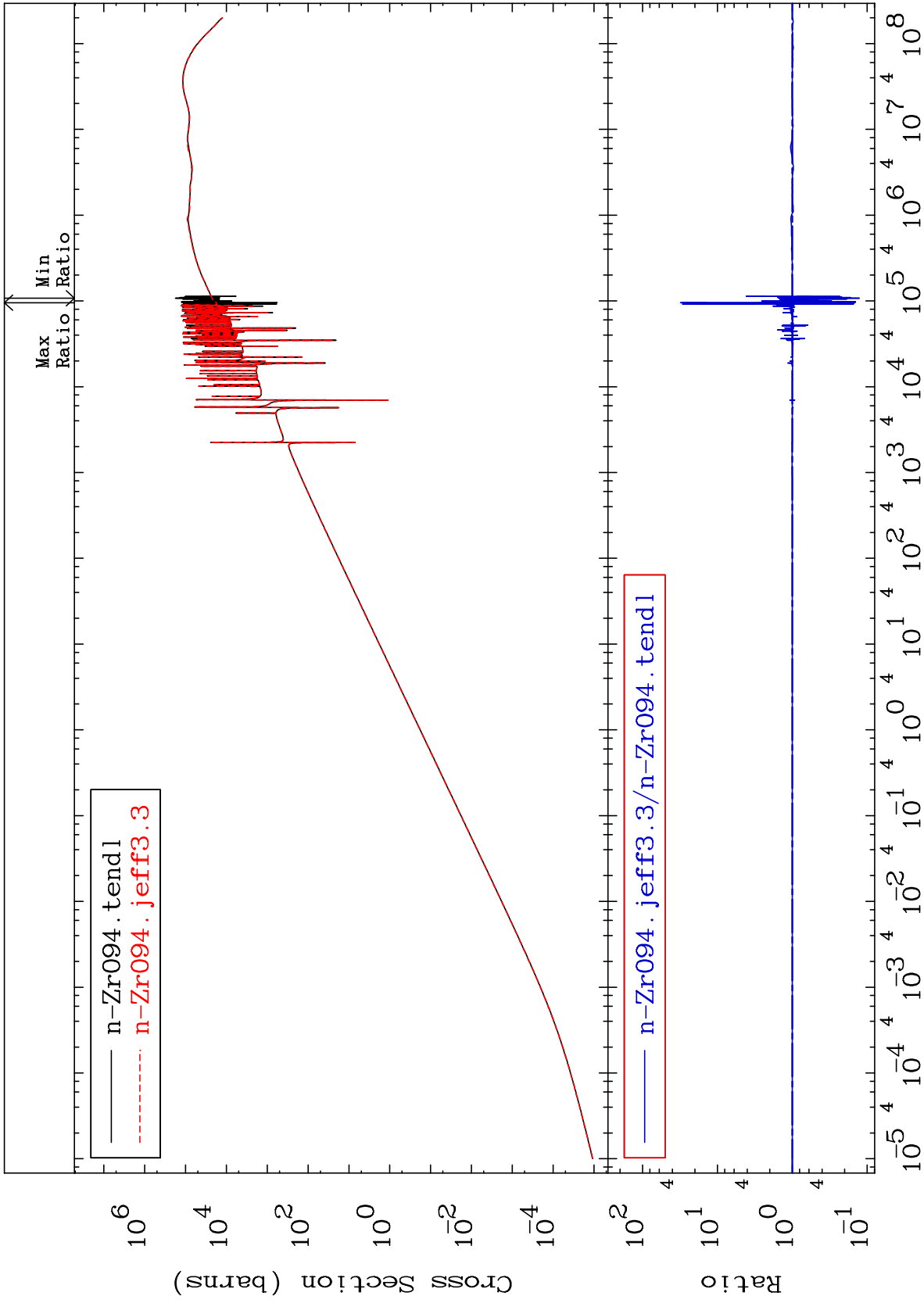




MAT 4037

Kerma elastic  
Cross Section

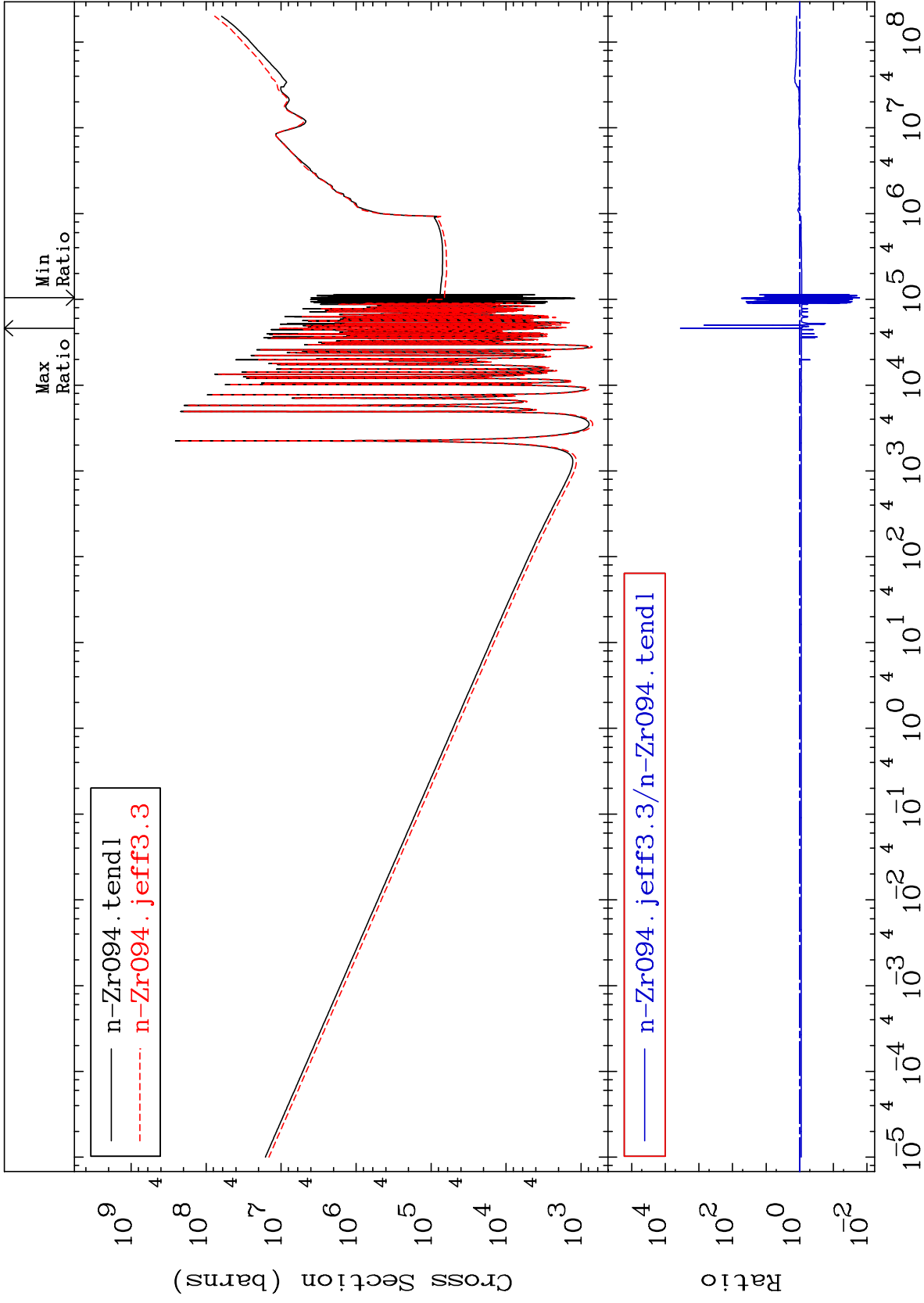
40-Zr-94  
-87.30 To 3028. %



45

Incident Energy (eV)

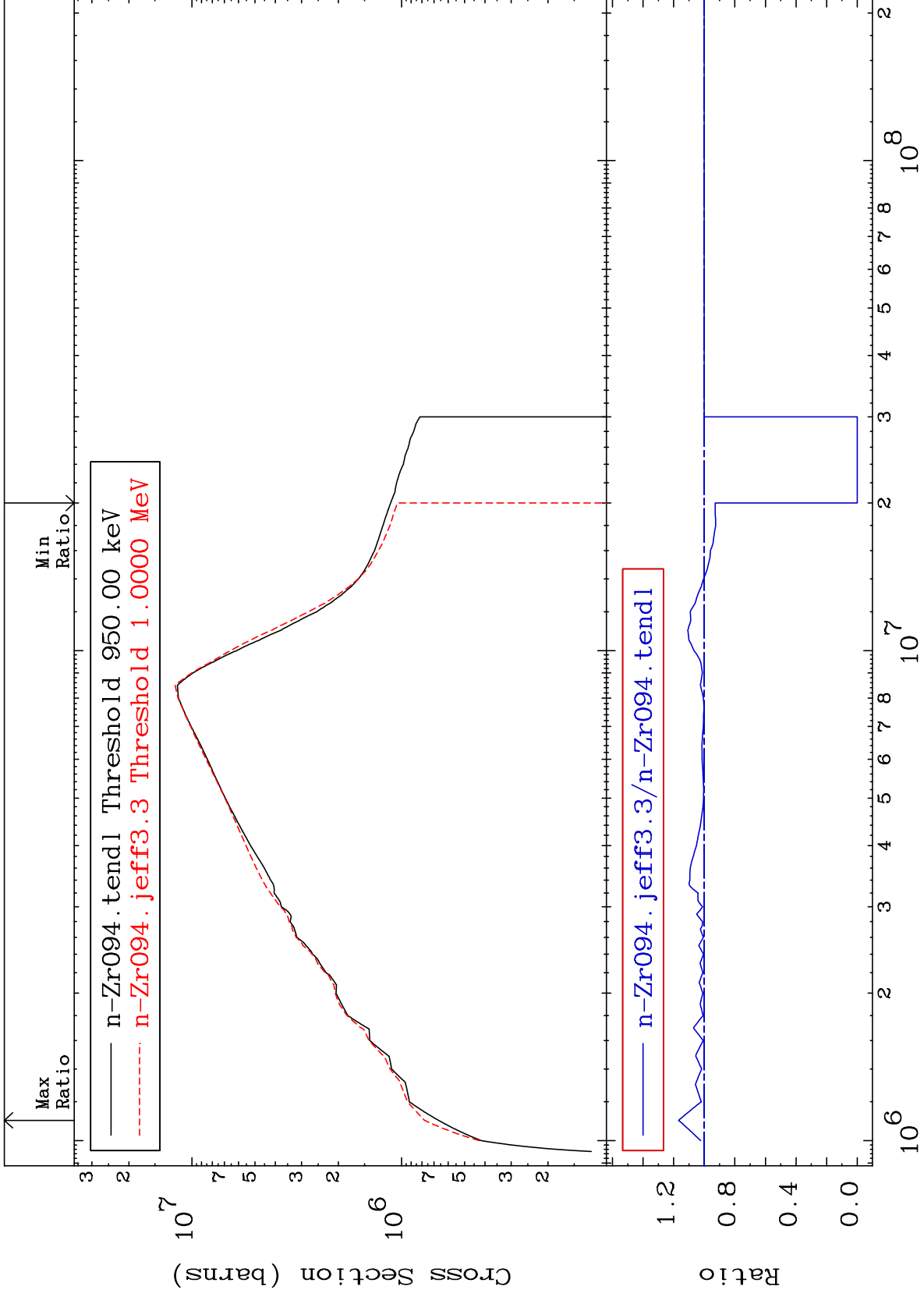
40-Zr-94

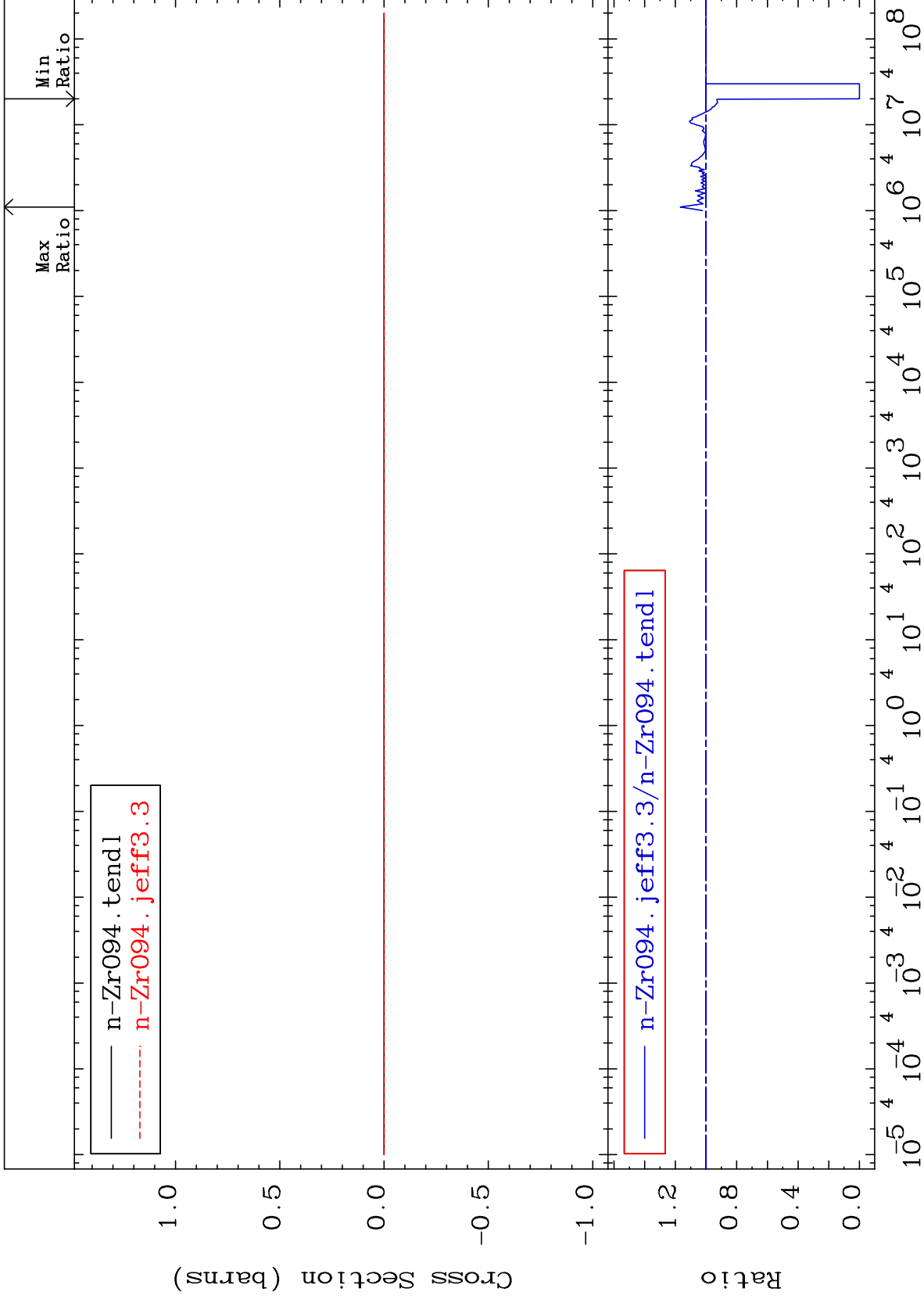


MAT 4037

Kerma inelastic (mt51-91)  
Cross Section

40-Zr-94  
-100.0 To 16.74 %



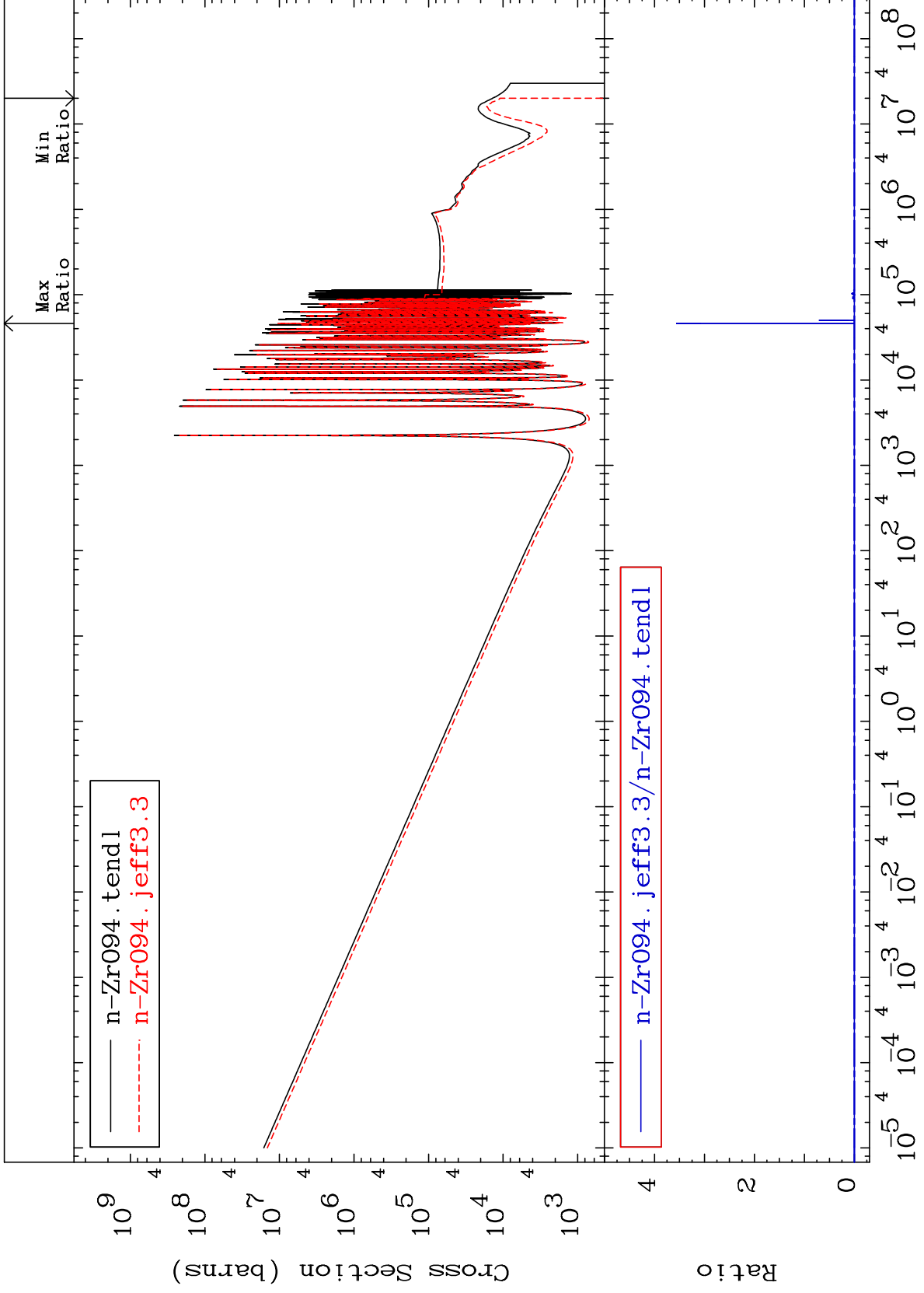




MAT 4037

Kerma capture (mt102)  
Cross Section

40-Zr-94  
-100.0 To 9999. %



49

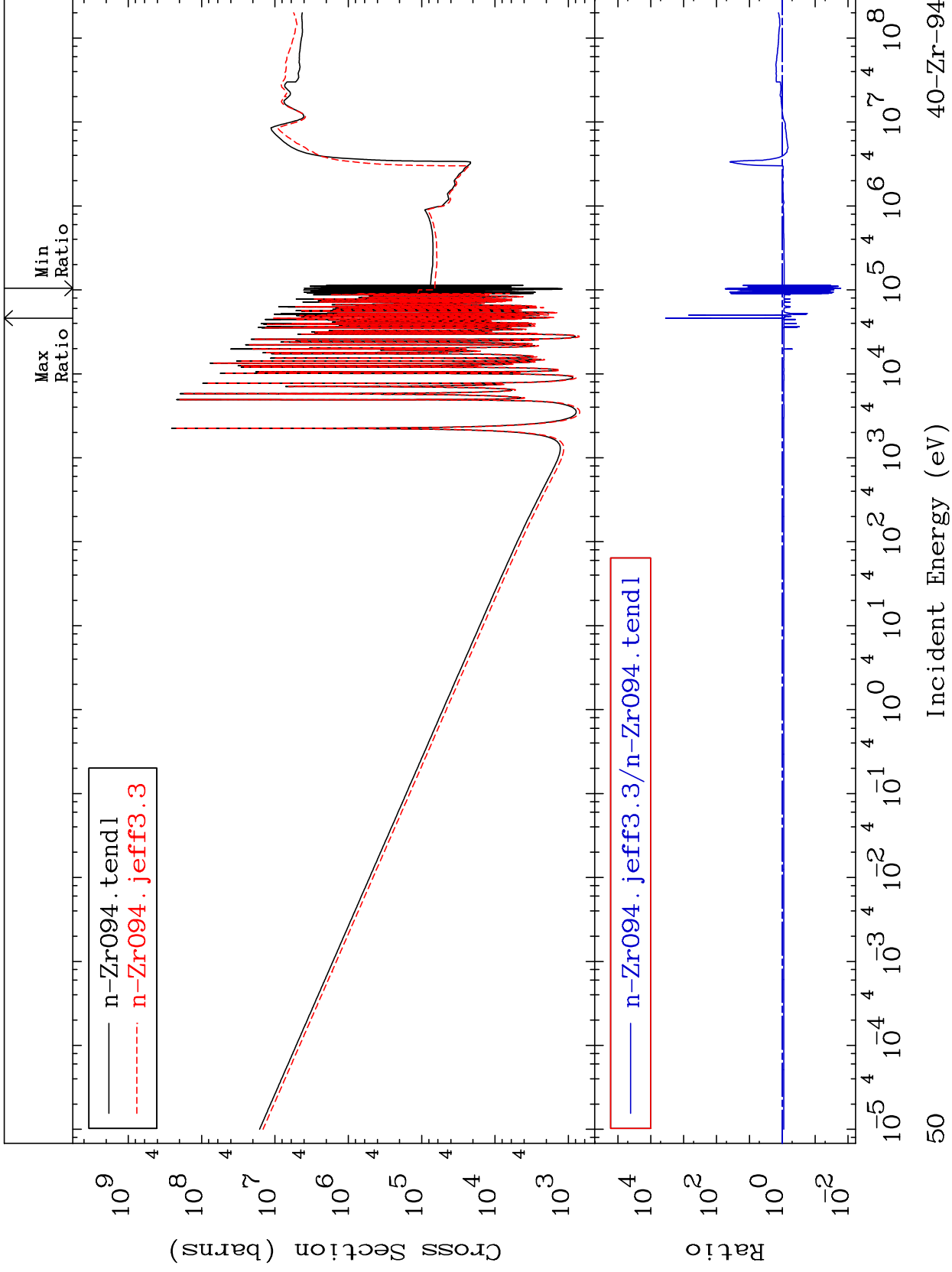
Incident Energy (eV)

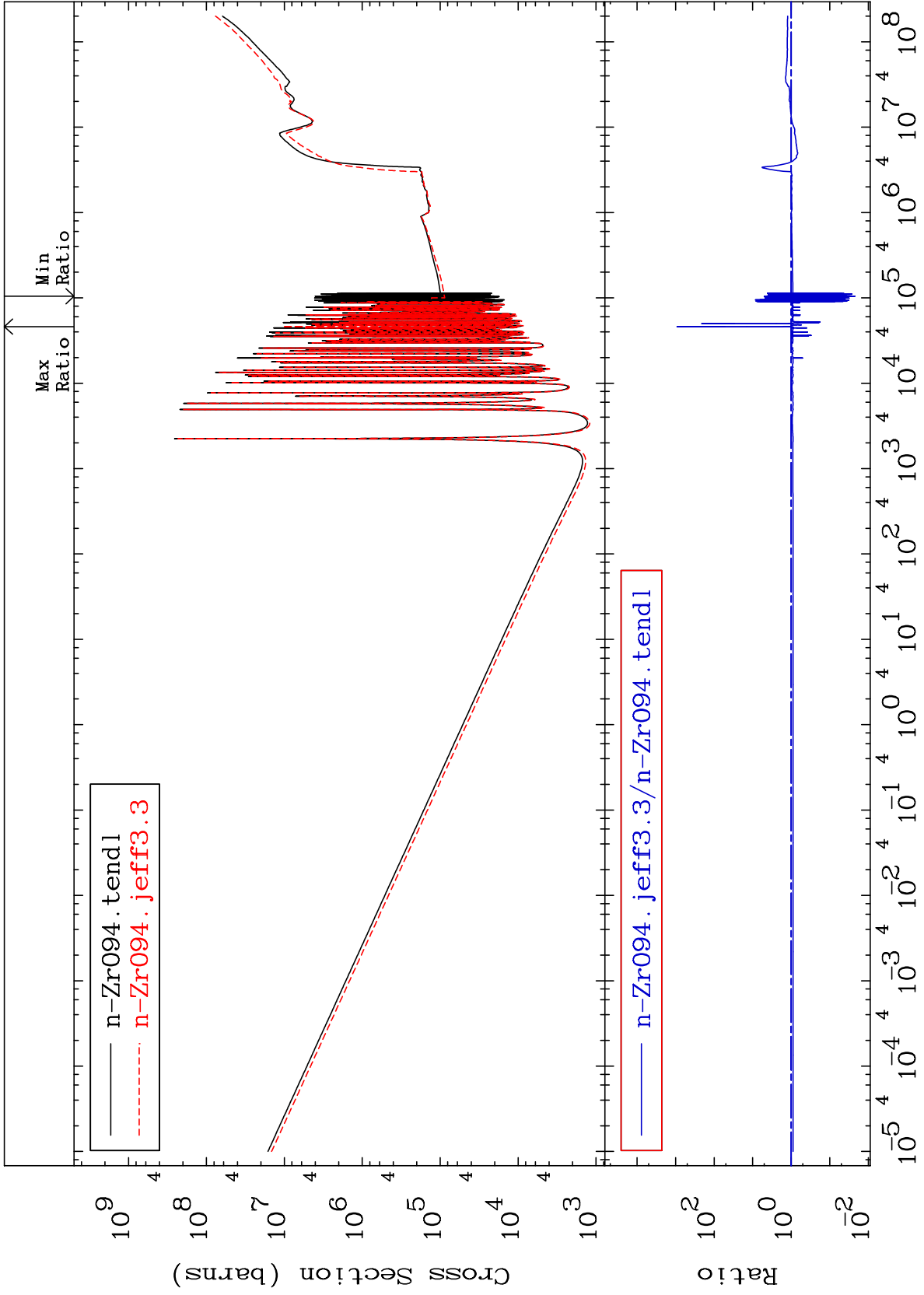
40-Zr-94

MAT 4037

Total photon (eV-barns)  
Cross Section

40-Zr-94  
-98.32 To 9999. %

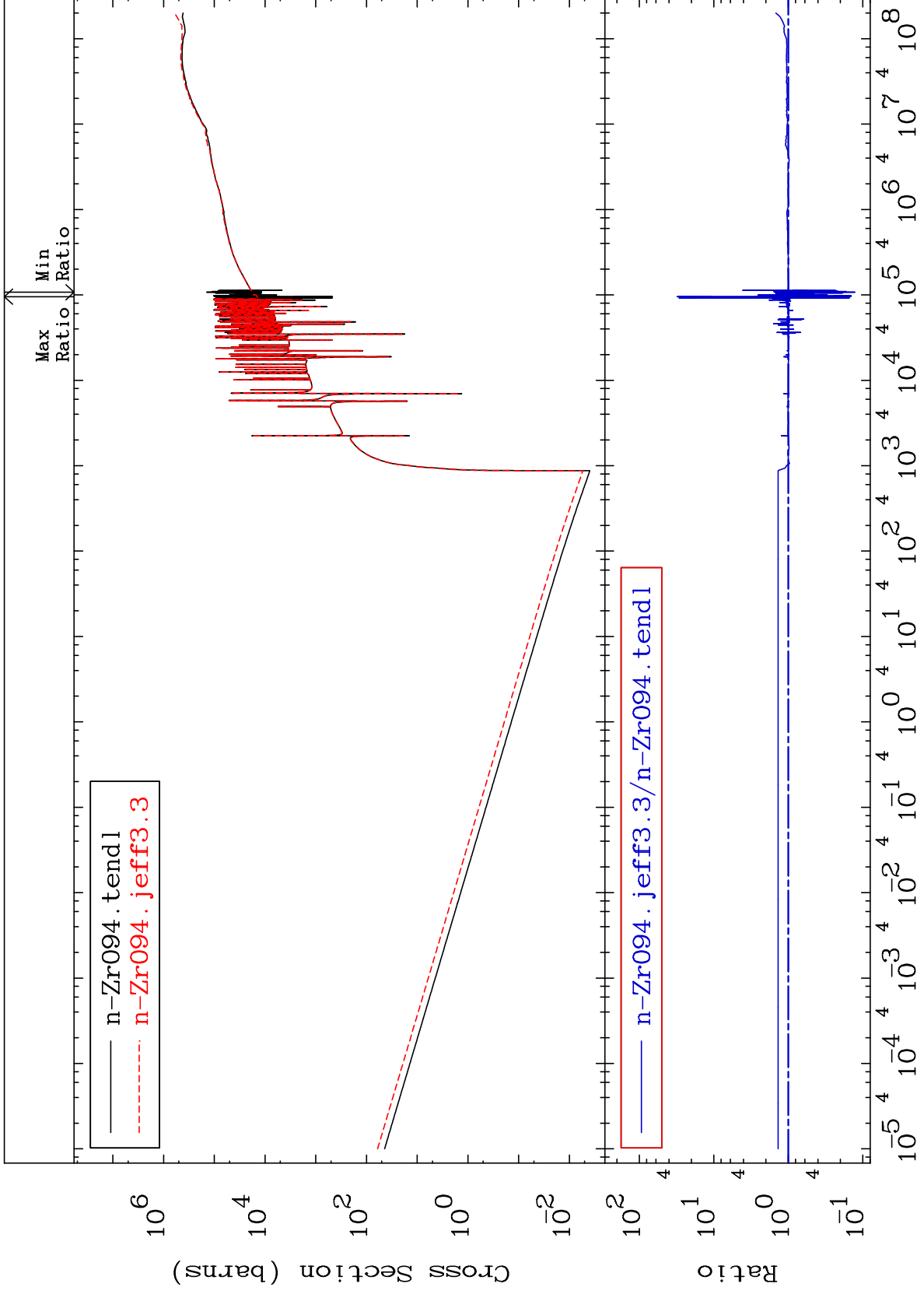


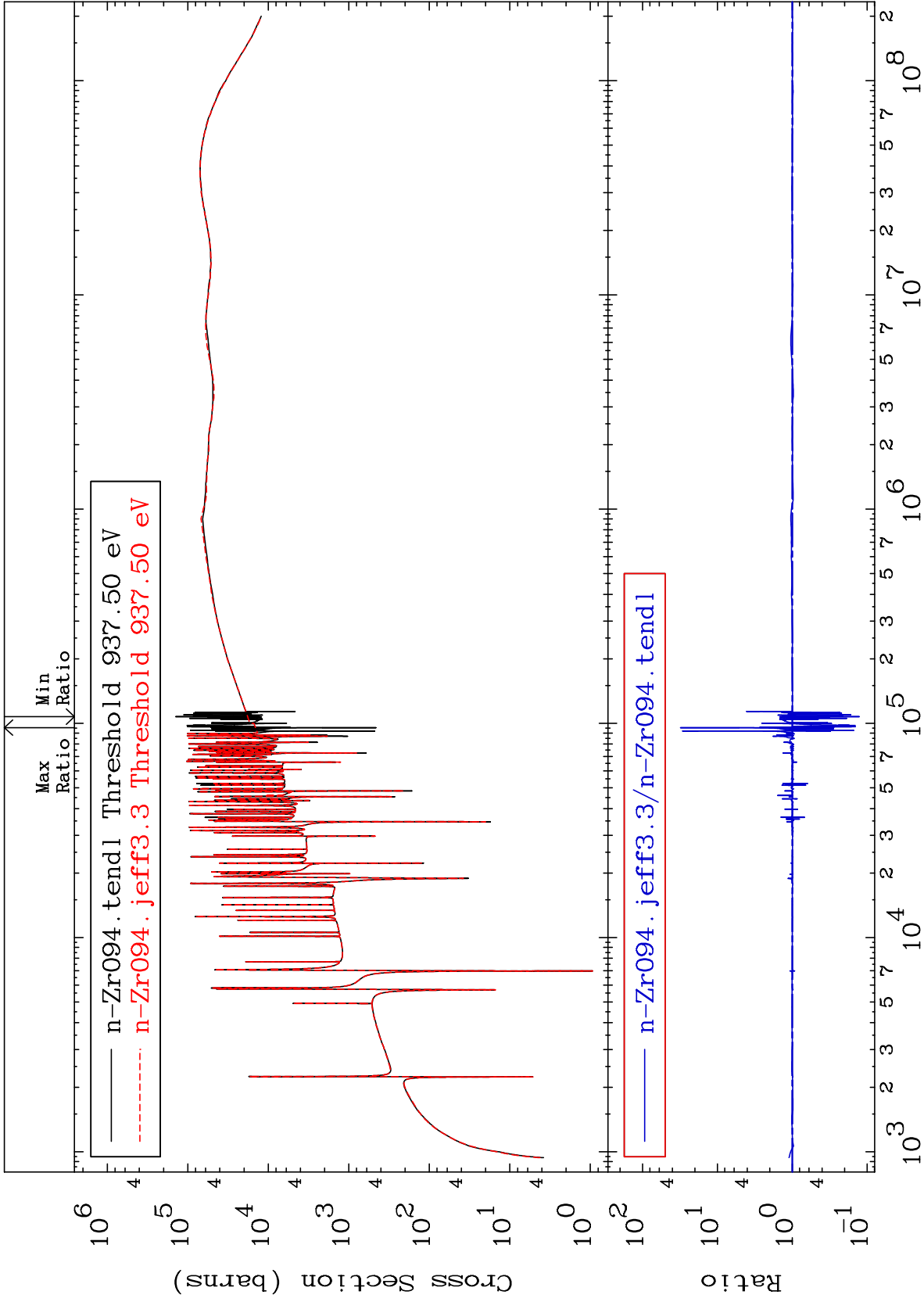


MAT 4037

Dpa total (eV-barns)  
Cross Section

40-Zr-94  
-87.31 To 3027. %





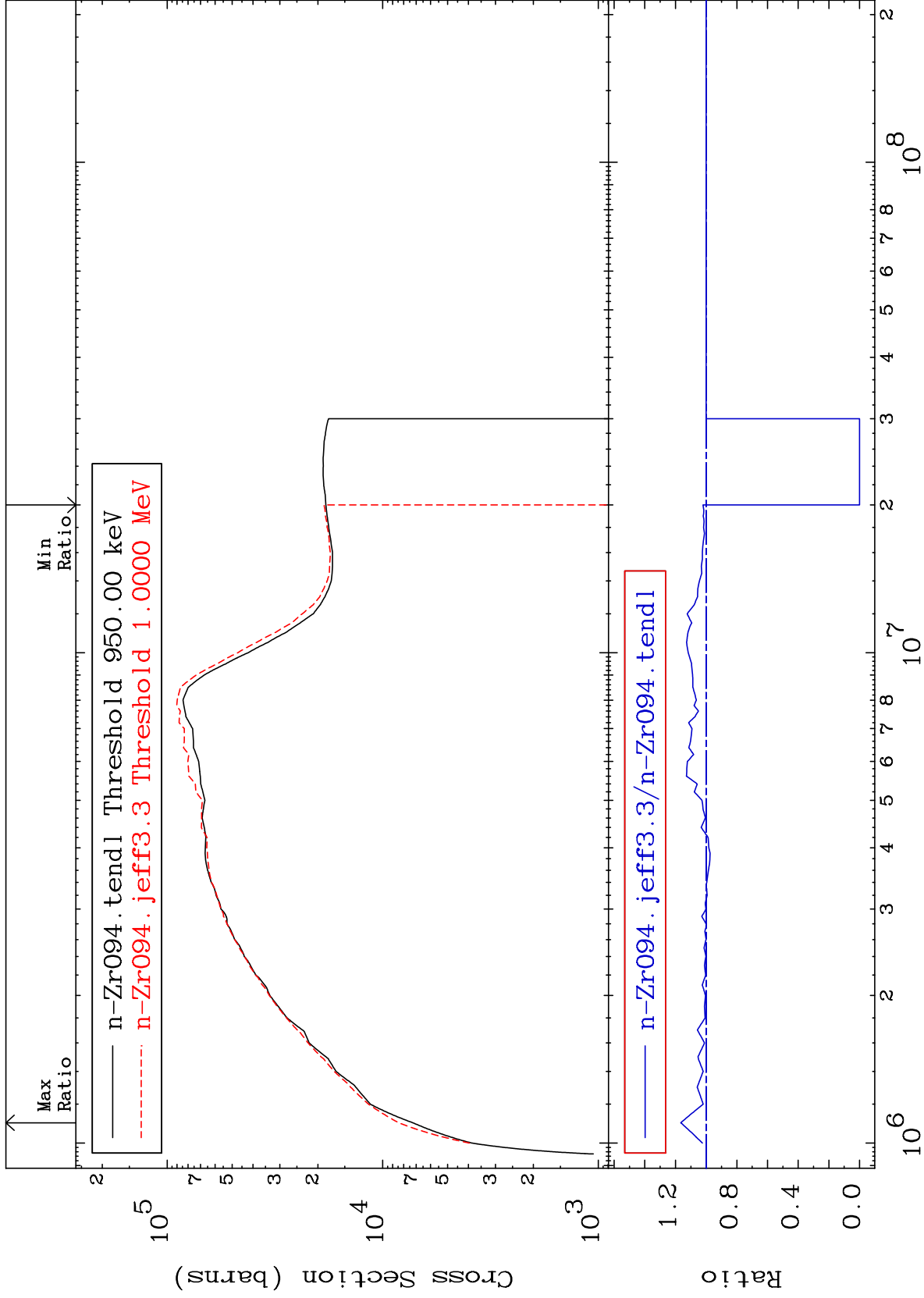
MAT 4037

Dpa inelastic (mt51-91)

40-Zr-94

-100.0 To 16.56 %

Cross Section



54

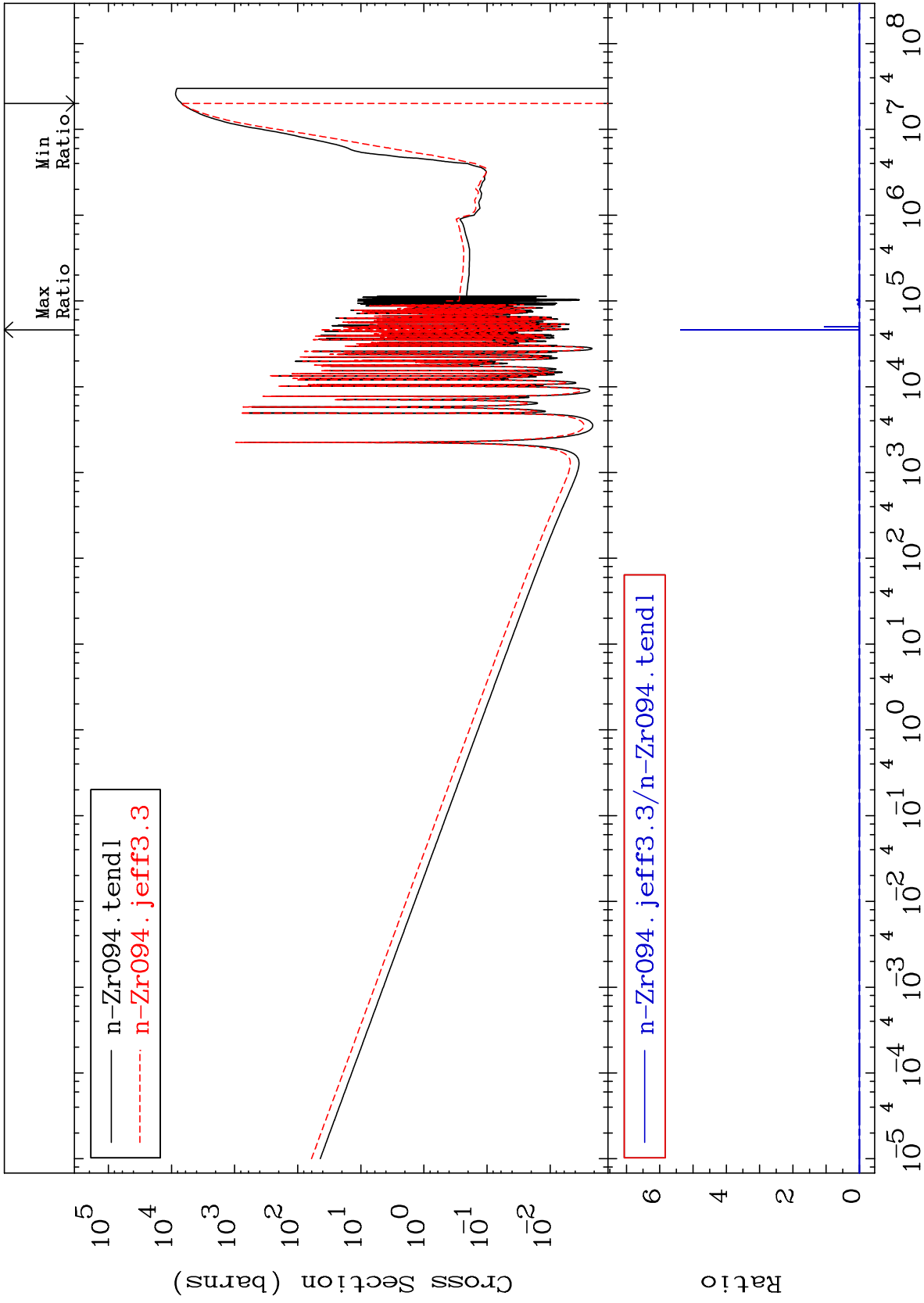
Incident Energy (eV)

40-Zr-94

MAT 4037

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-94  
-100.0 To 9999. %



55

Incident Energy (eV)

40-Zr-94