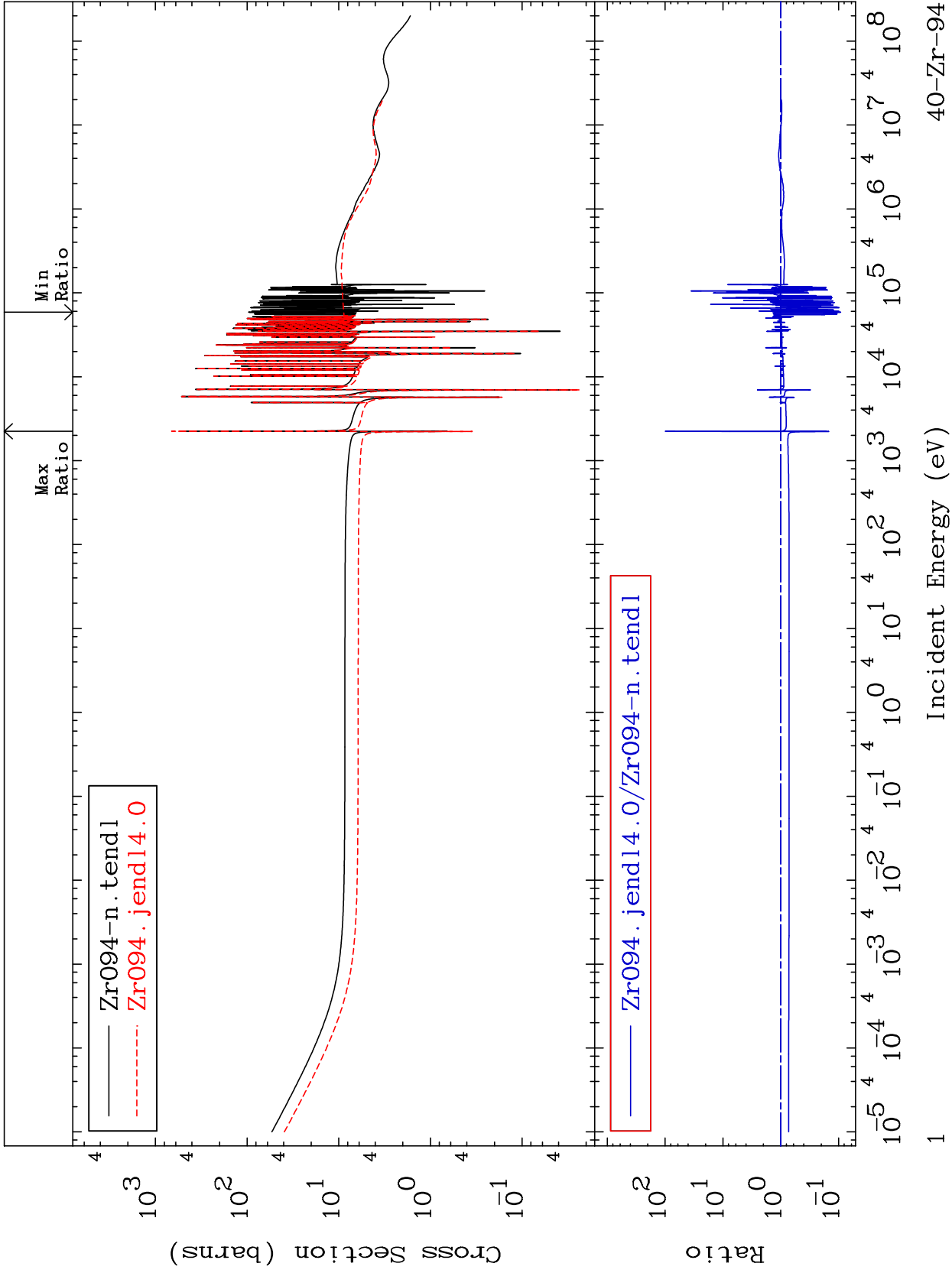


MAT 4037

Total  
Cross Section

40-Zr-94  
-90.79 To 9750. %



40-Zr-94

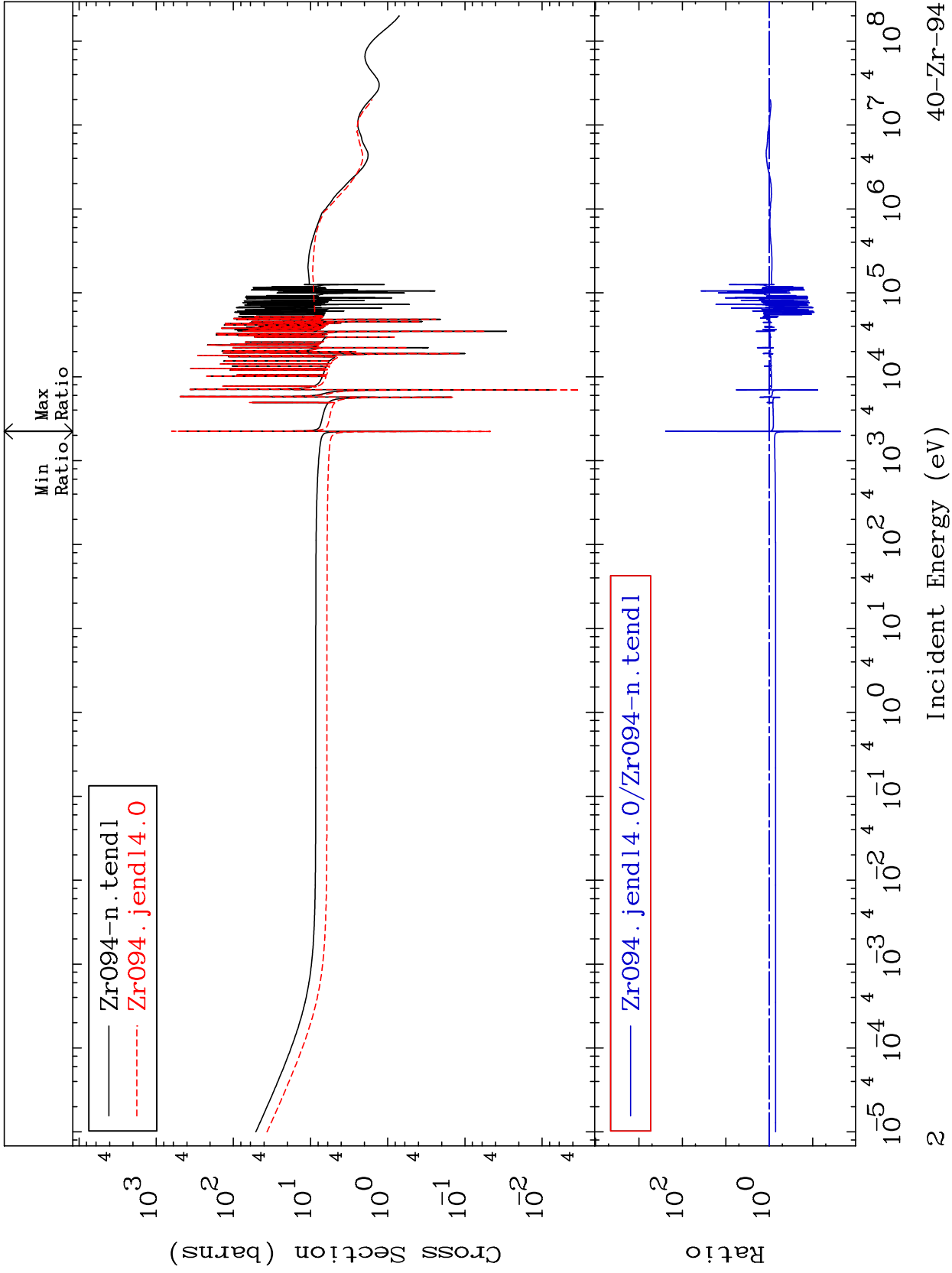
MAT 4037

Elastic

Cross Section

40-Zr-94

-97.73 To 9999. %

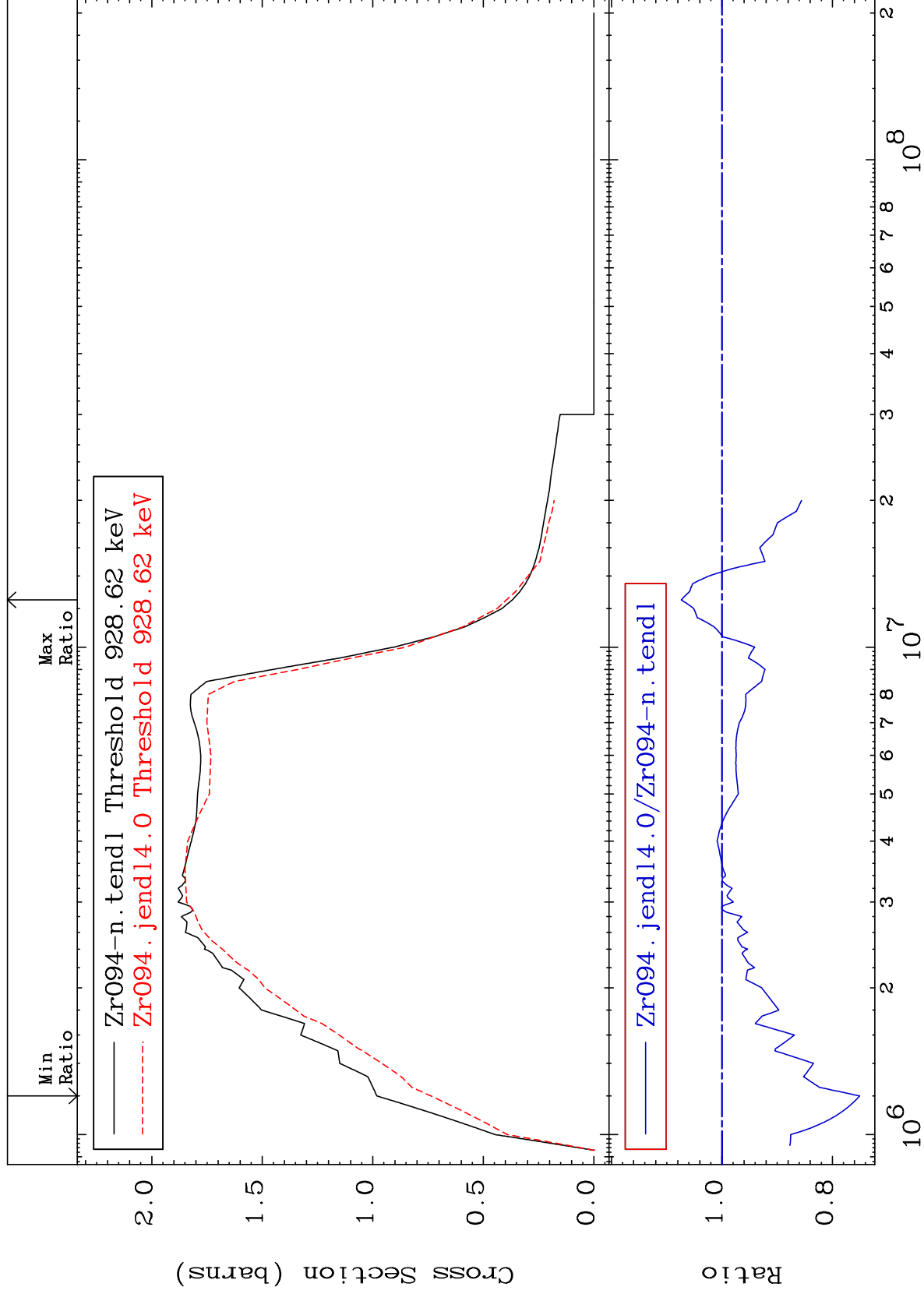


MAT 4037

40-Zr-94

Inelastic  
Cross Section

-24.95 To 7.389 %



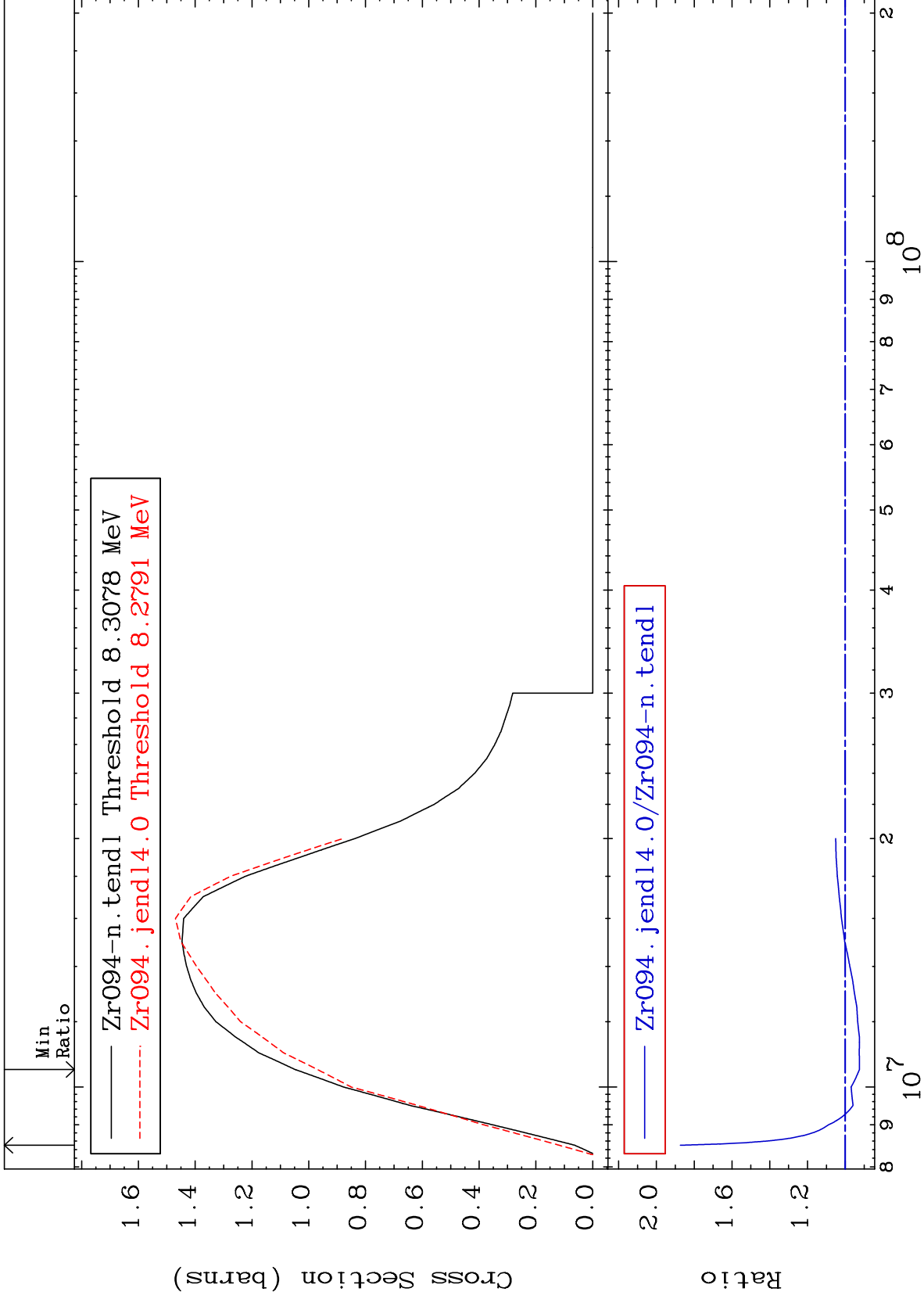
Incident Energy (eV)

40-Zr-94

MAT 4037

(n,2n)  
Cross Section

40-Zr-94  
-7.491 To 87.33 %



Incident Energy (eV)

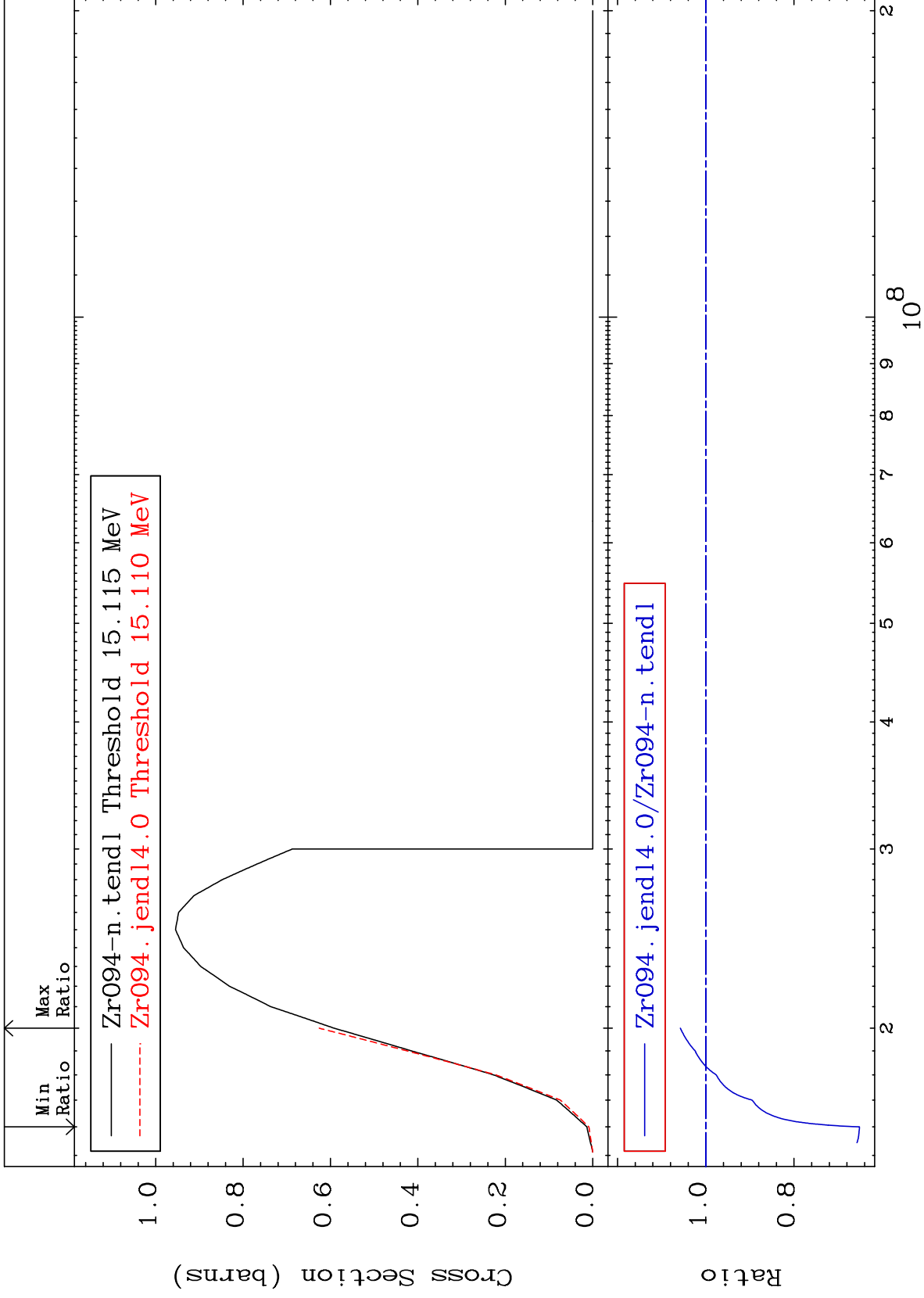
40-Zr-94

4

MAT 4037

(n,3n)  
Cross Section

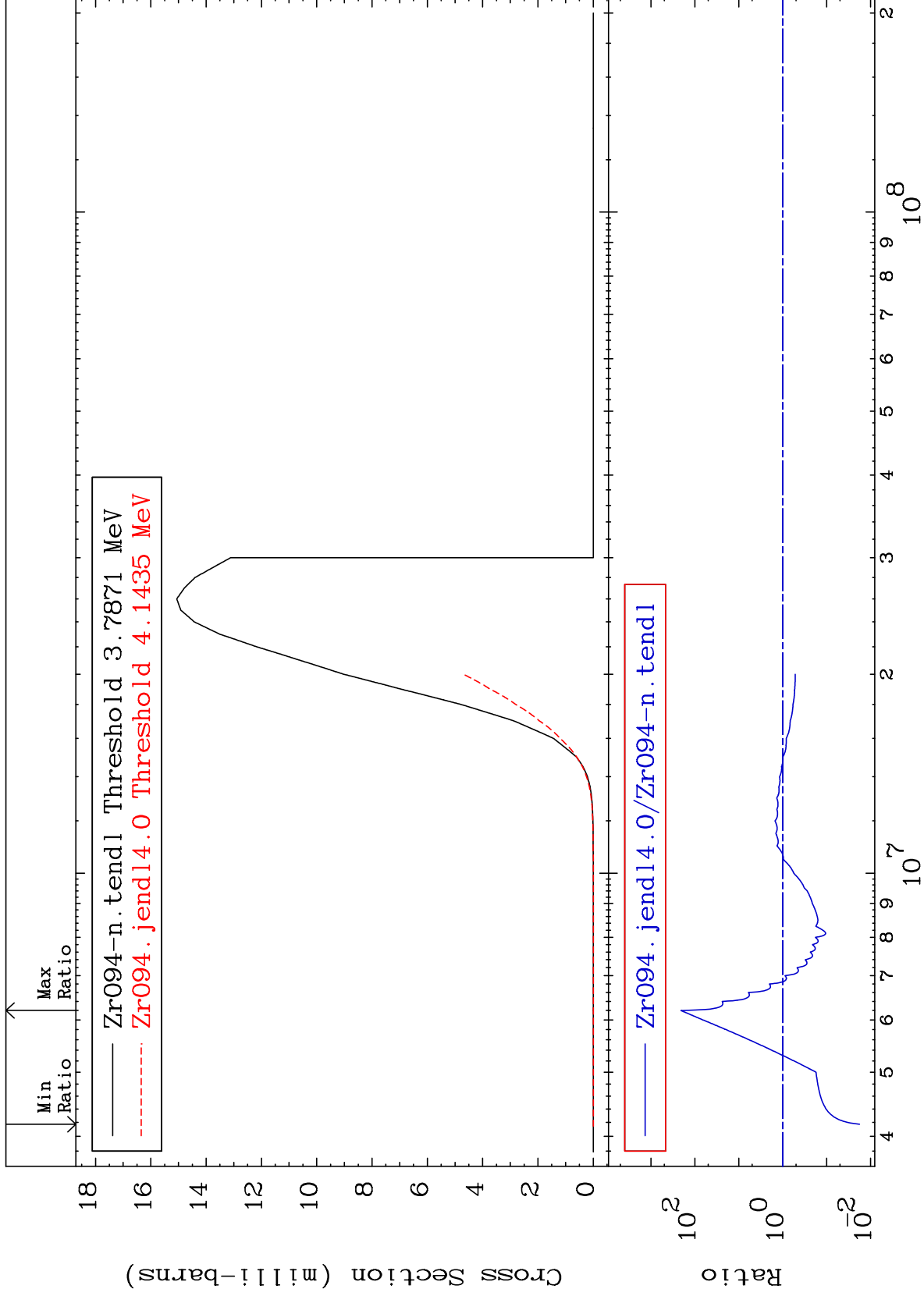
40-Zr-94  
-34.83 To 5.772 %



MAT 4037

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

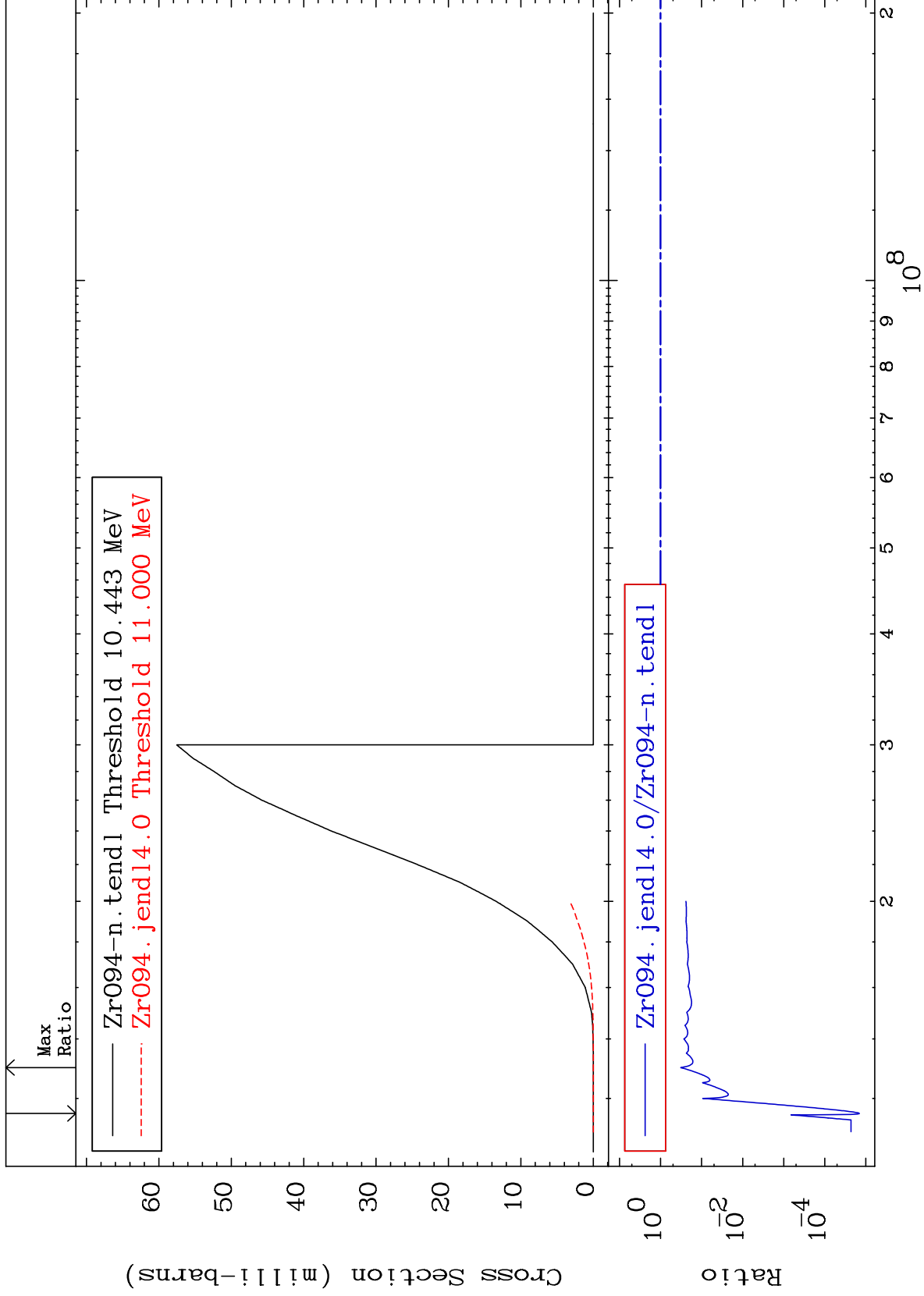
40-Zr-94  
-98.21 To 9999. %



MAT 4037

(n,n') p  
Cross Section

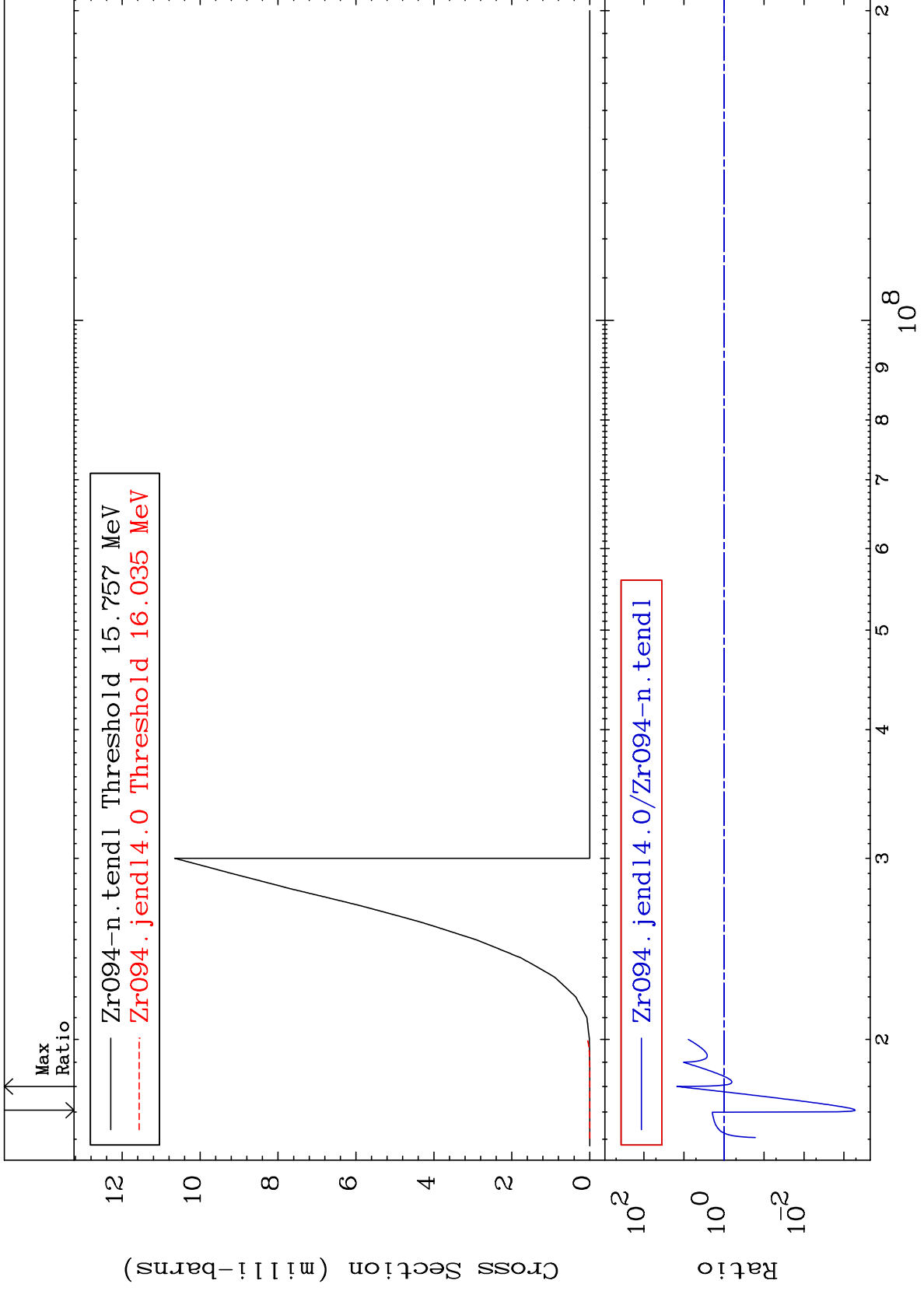
40-Zr-94  
-100.0 To -67.80%



MAT 4037

(n,n') d  
Cross Section

40-Zr-94  
-99.95 To 1401. %

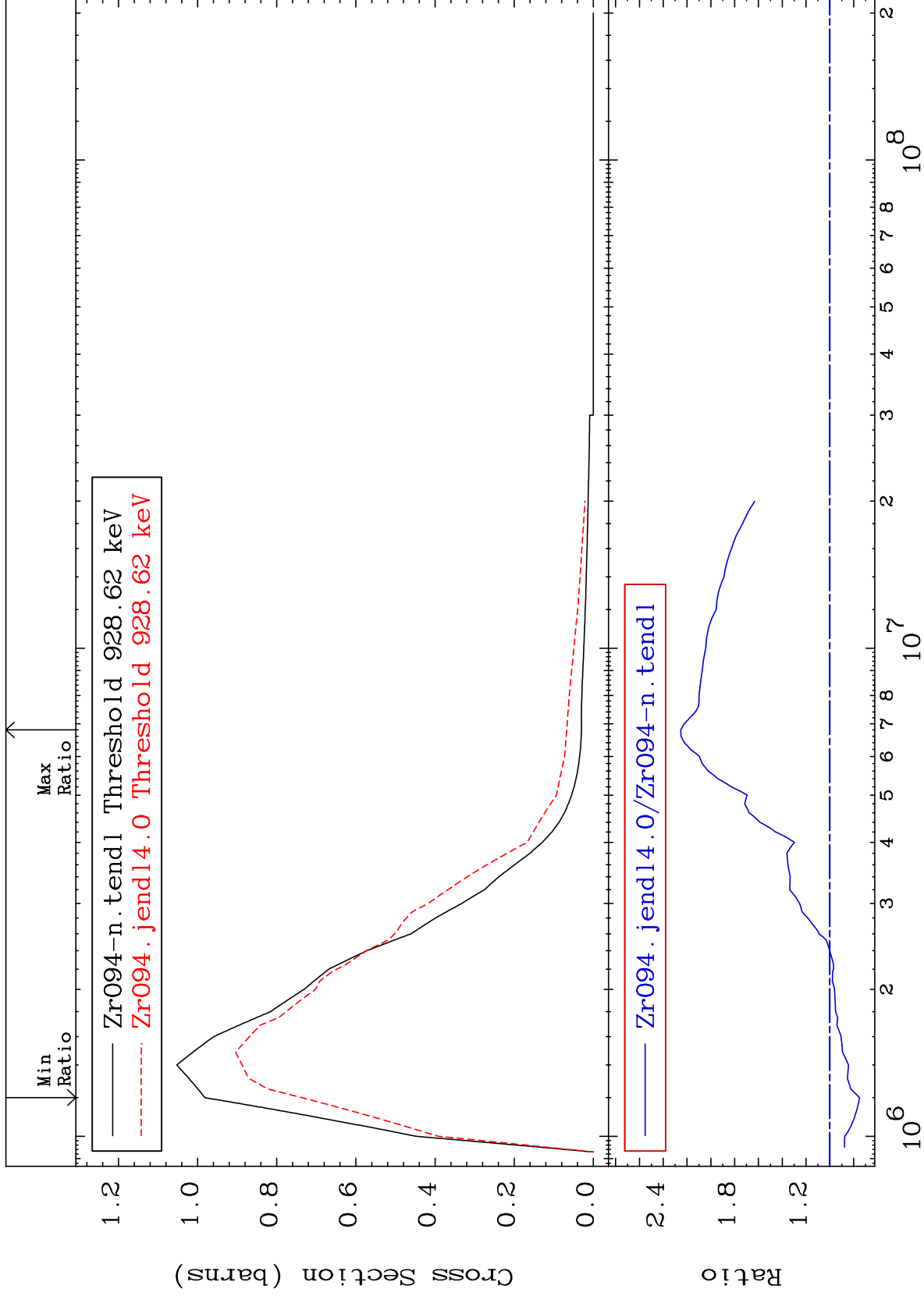




MAT 4037

918.8 keV (n,n') Level  
Cross Section

40-Zr-94  
-24.95 To 125.3 %



Incident Energy (eV)

40-Zr-94

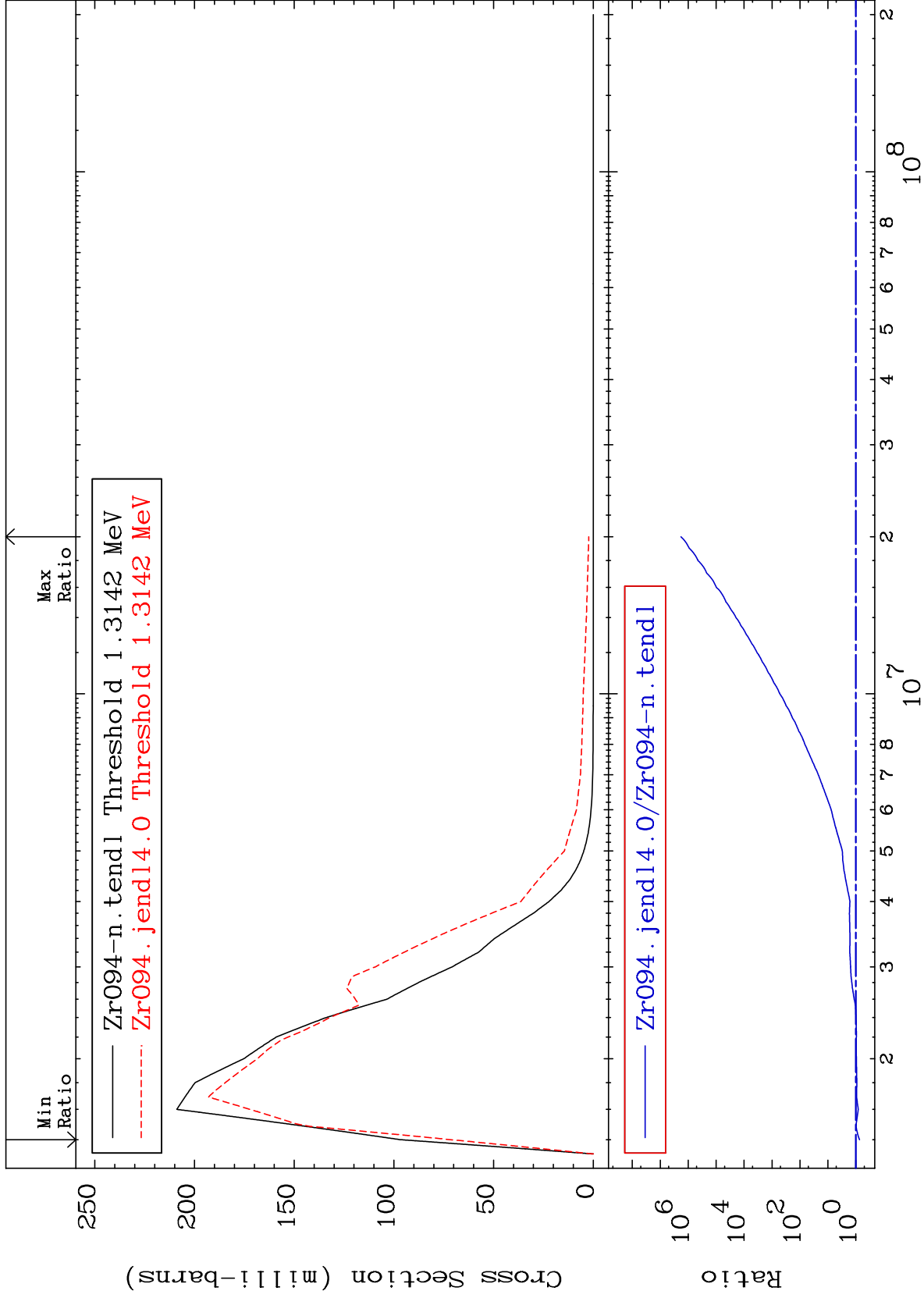
MAT 4037

1.300 MeV (n,n') Level

40-Zr-94

-26.18 To 9999. %

Cross Section



10

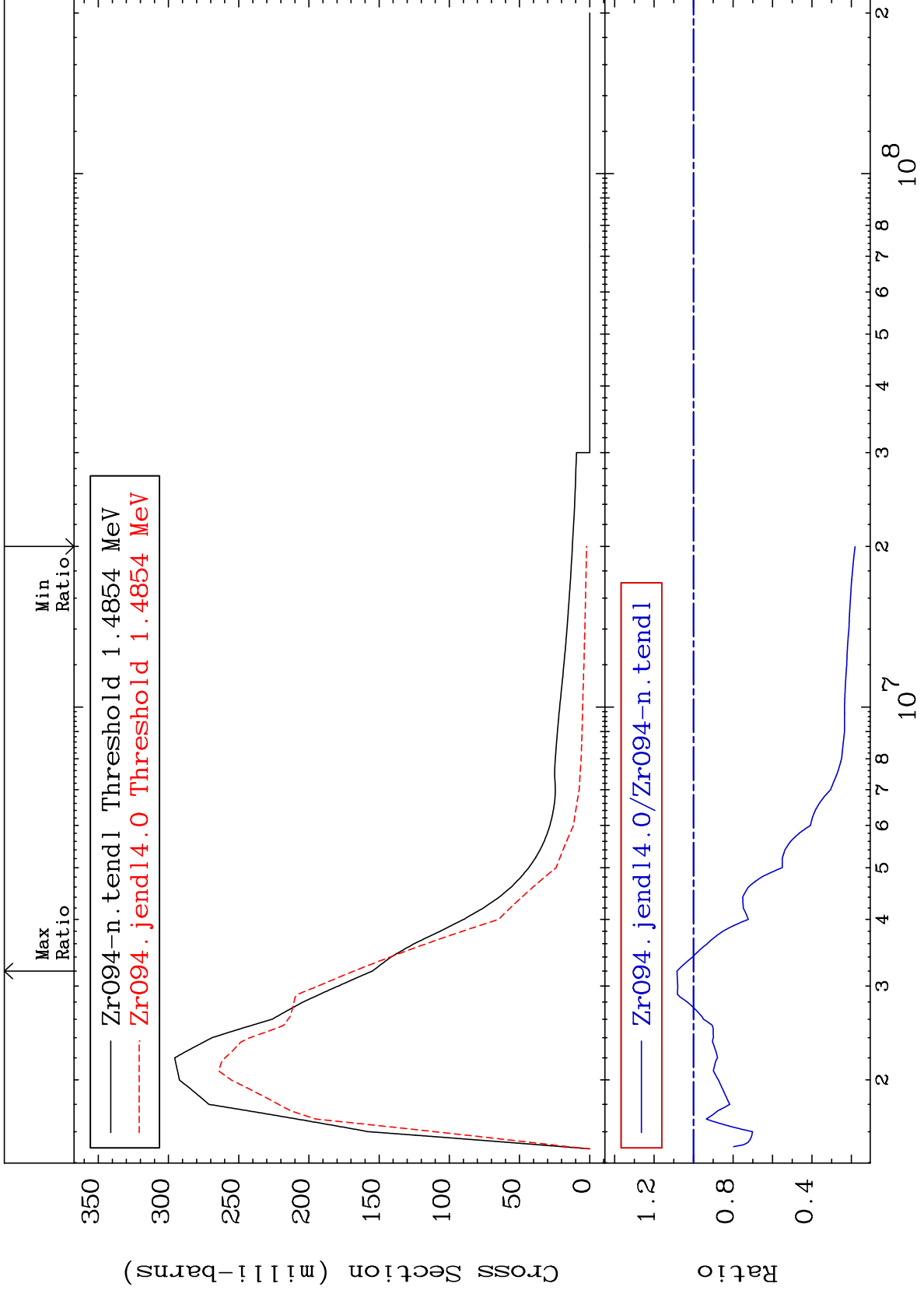
Incident Energy (eV)

40-Zr-94

MAT 4037

1.470 MeV (n,n') Level  
Cross Section

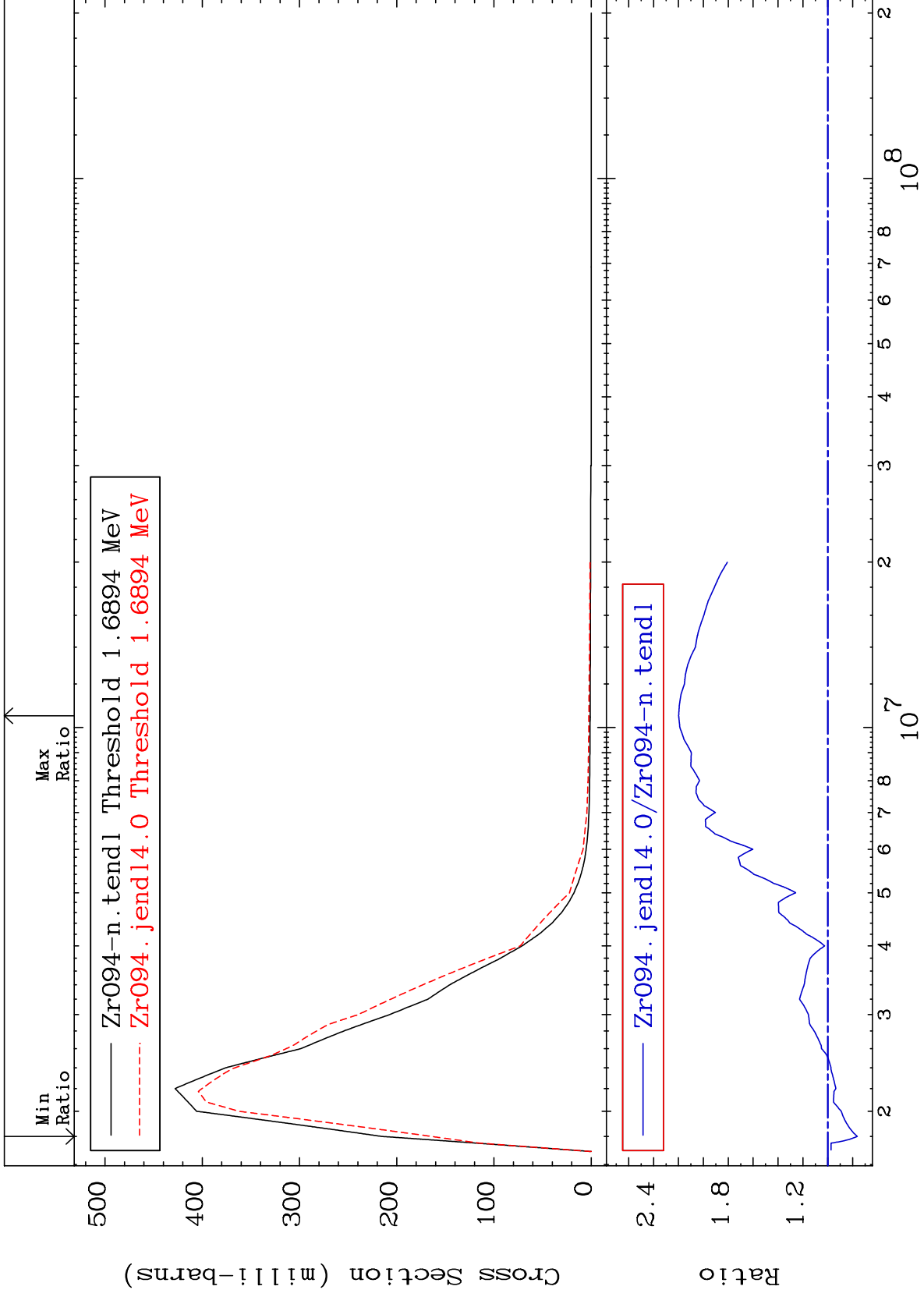
40-Zr-94  
-81.86 To 8.426 %



MAT 4037

1.671 MeV (n,n') Level  
Cross Section

40-Zr-94  
-23.65 To 119.9 %

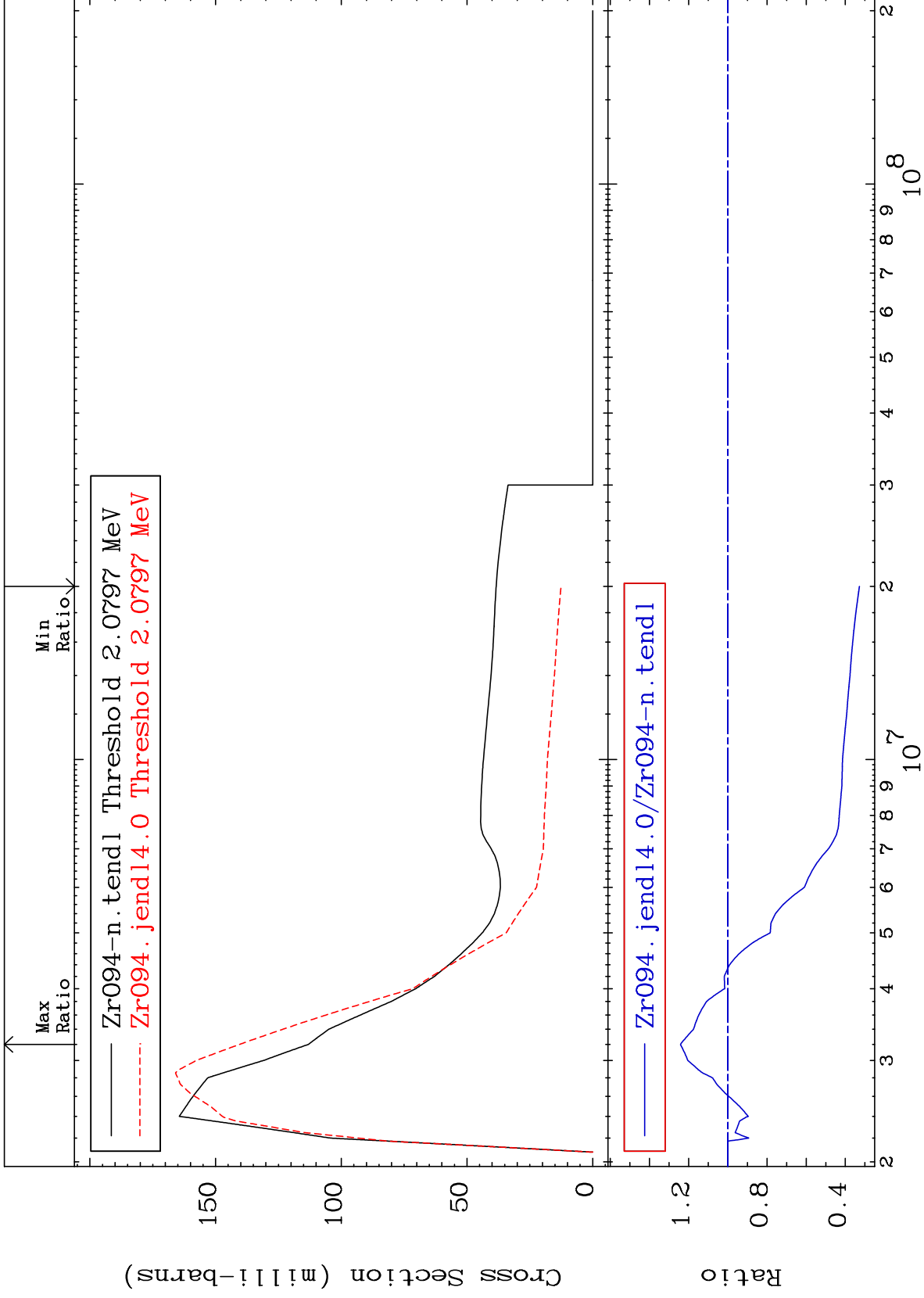


12

MAT 4037

2.058 MeV (n,n') Level  
Cross Section

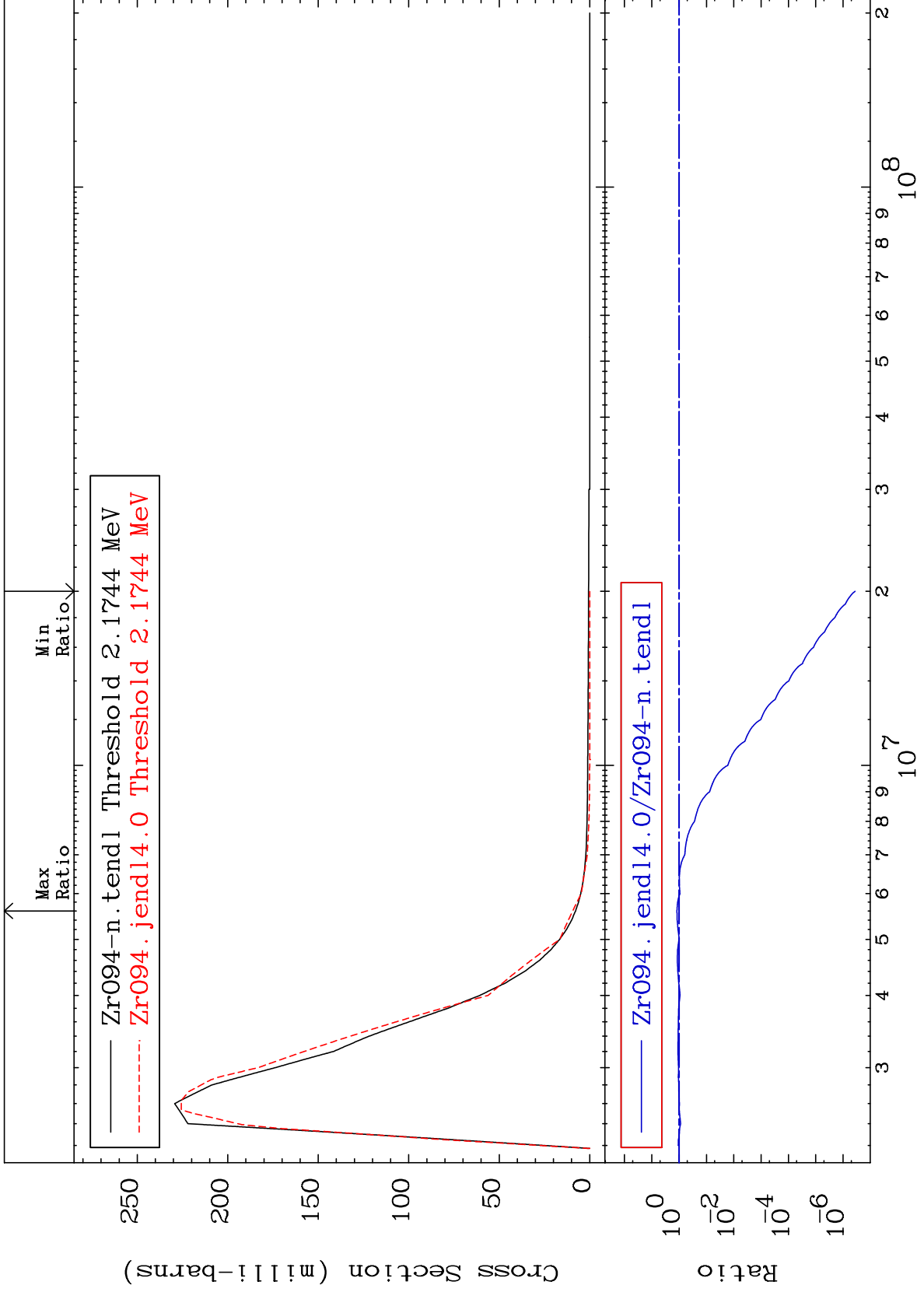
40-Zr-94  
-67.19 To 24.21 %



MAT 4037

2.151 MeV (n,n') Level  
Cross Section

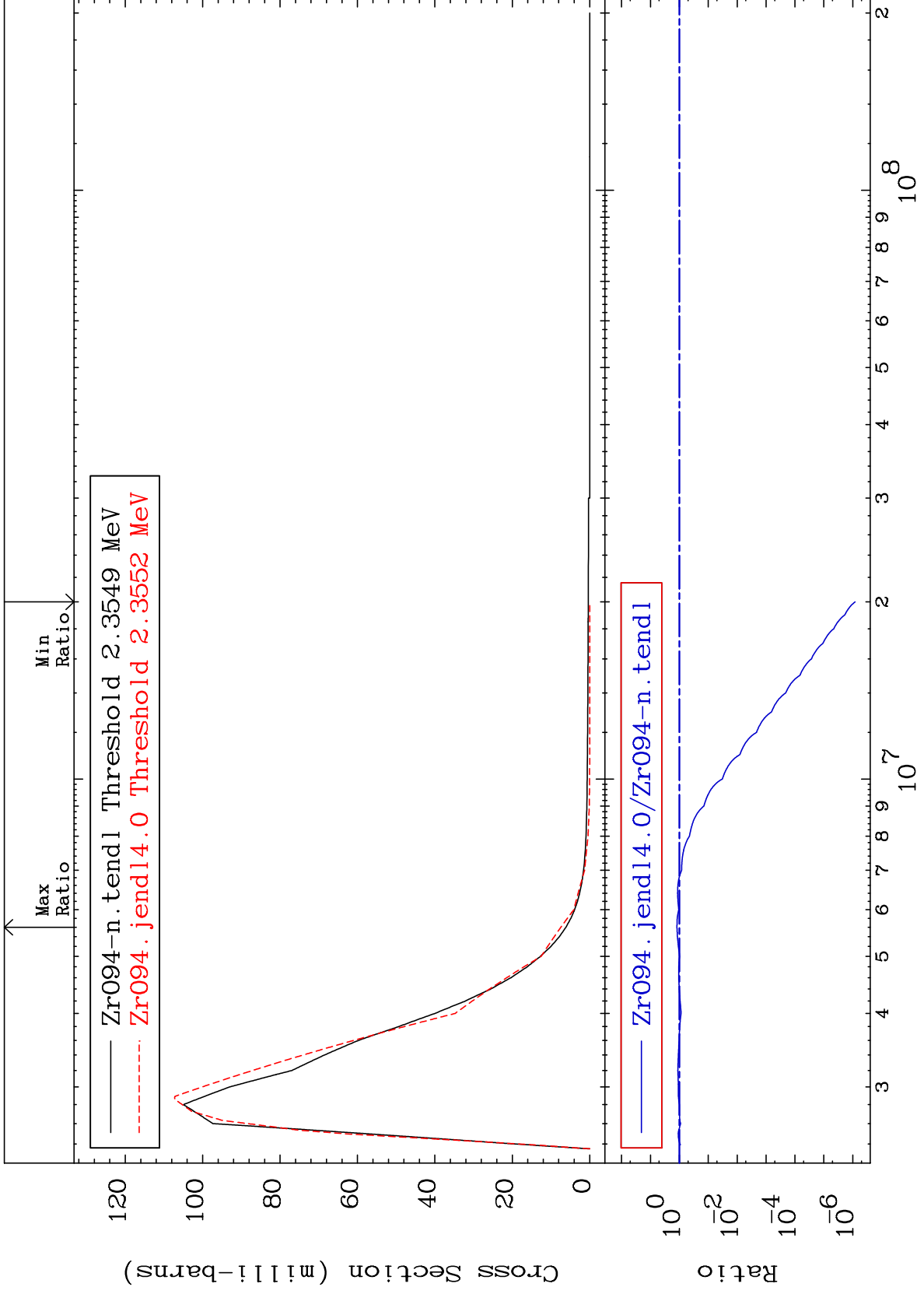
40-Zr-94  
-100.0 To 20.34 %



MAT 4037

2.330 MeV (n,n') Level  
Cross Section

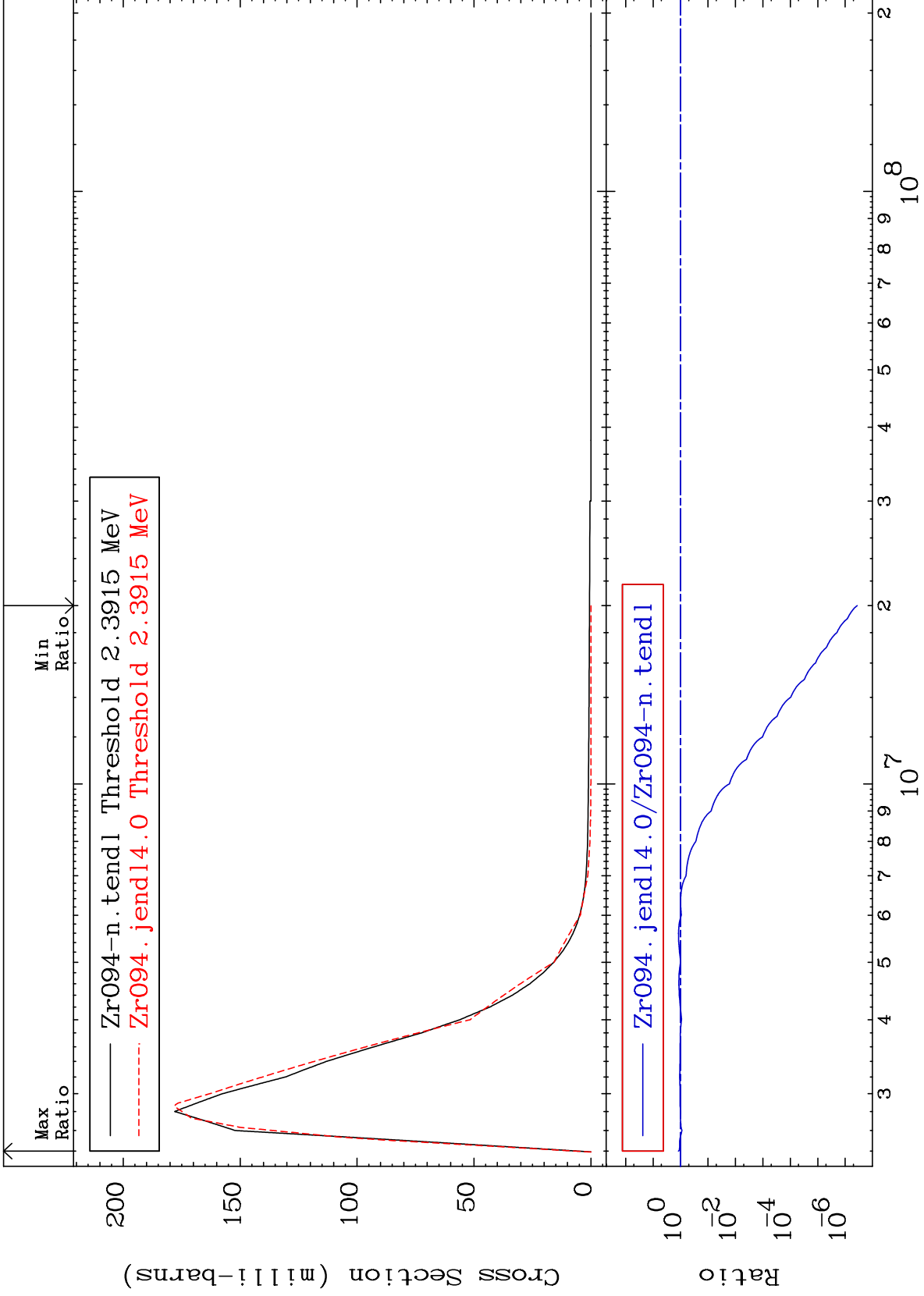
40-Zr-94  
-100.0 To 21.24 %



MAT 4037

2.366 MeV (n,n') Level  
Cross Section

40-Zr-94  
-100.0 To 19.45 %

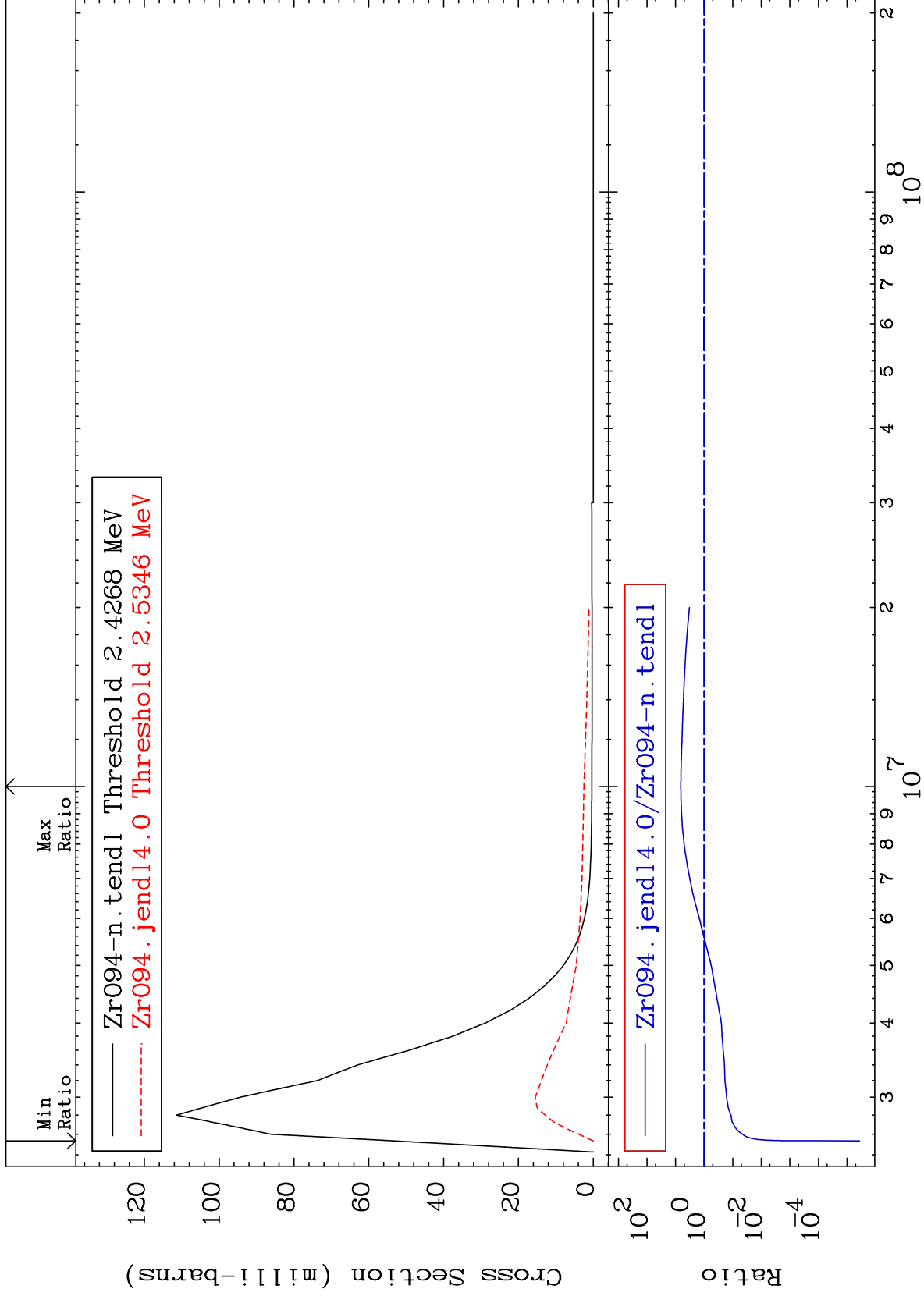




MAT 4037

2.401 MeV (n,n') Level  
Cross Section

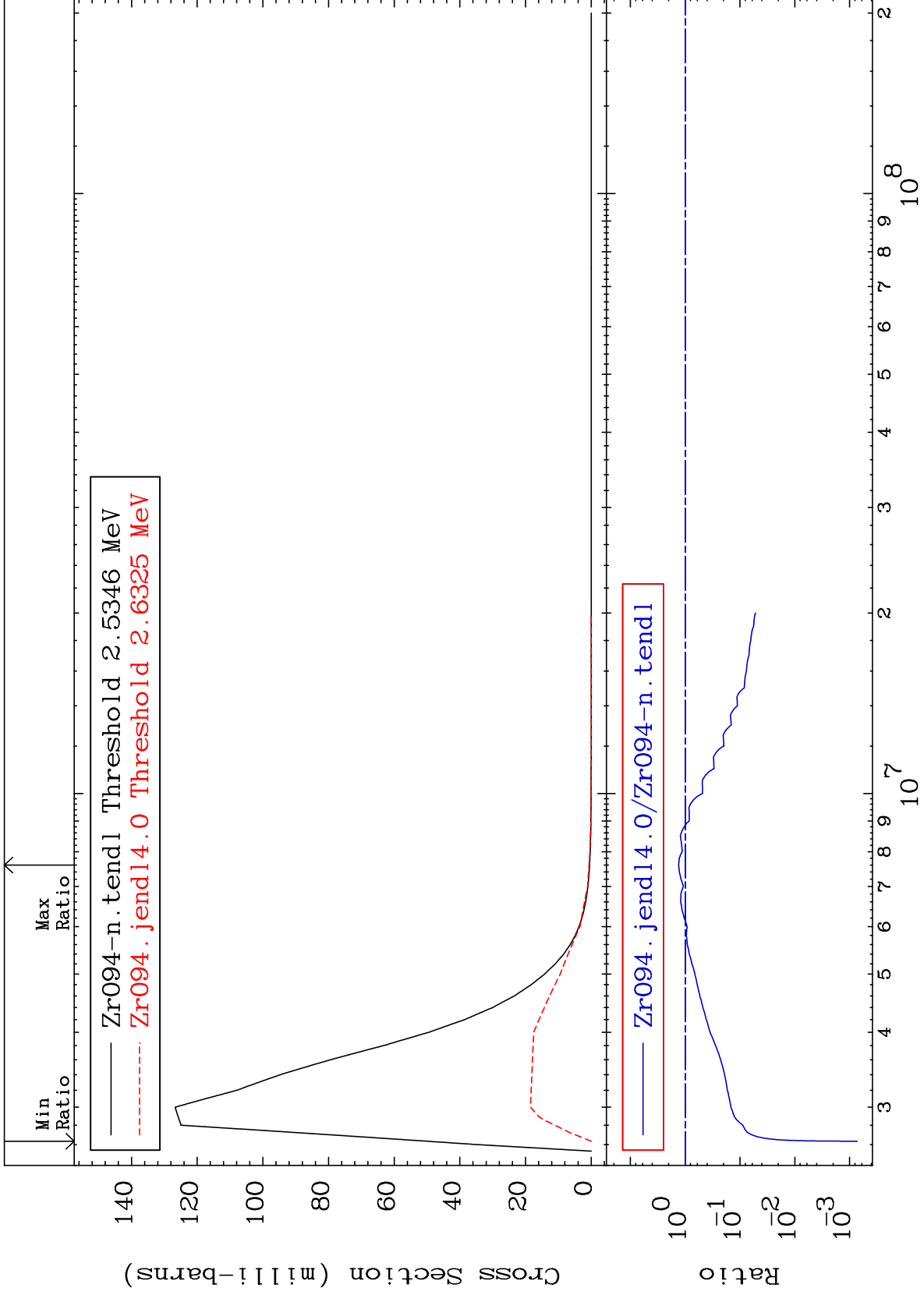
40-Zr-94  
-100.0 To 557.7 %



MAT 4037

2.508 MeV (n,n') Level  
Cross Section

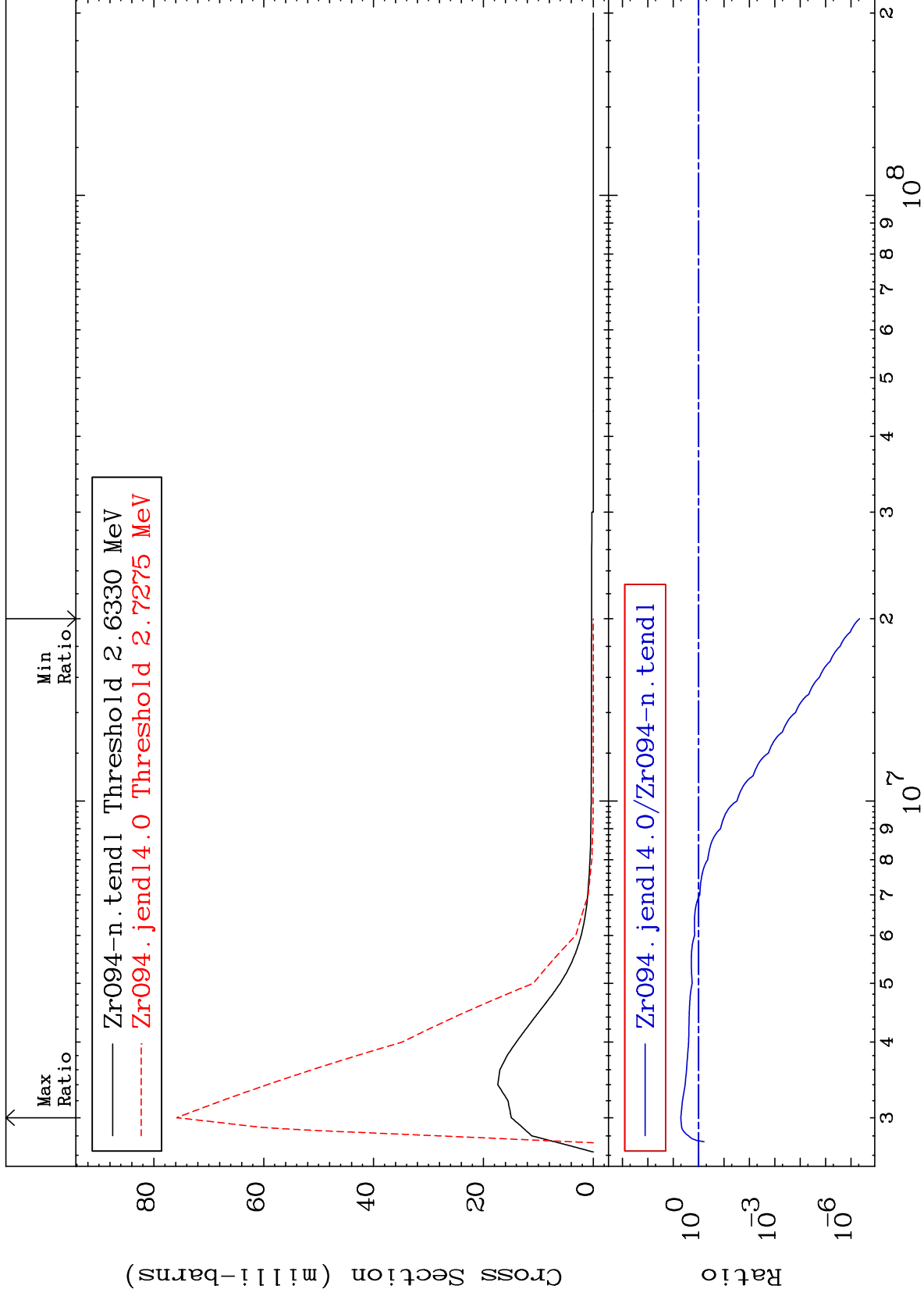
40-Zr-94  
-99.93 To 31.59 %



MAT 4037

2.605 MeV (n,n') Level  
Cross Section

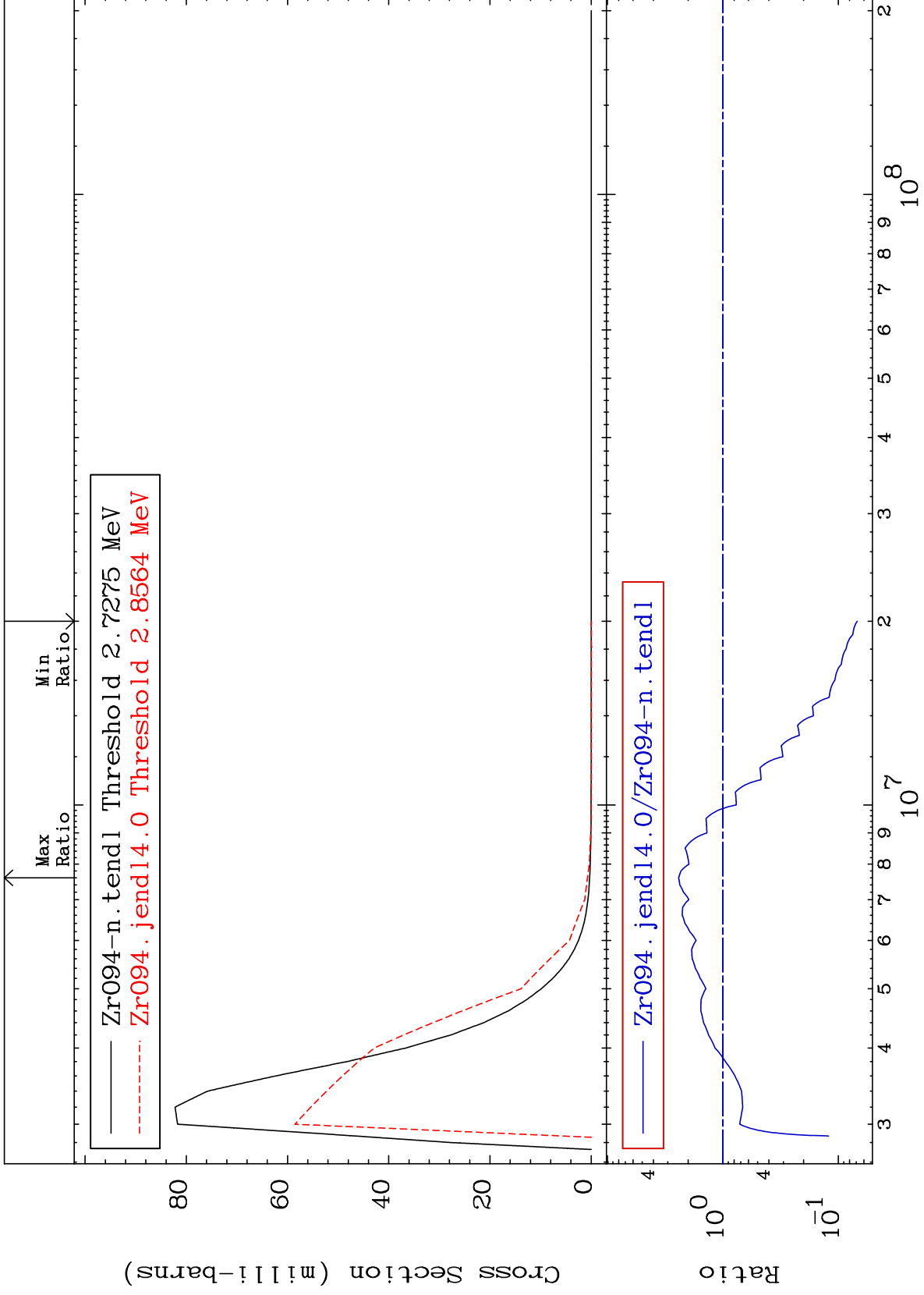
40-Zr-94  
-100.0 To 408.2 %



MAT 4037

2.698 MeV (n,n') Level  
Cross Section

40-Zr-94  
-93.14 To 142.0 %



20

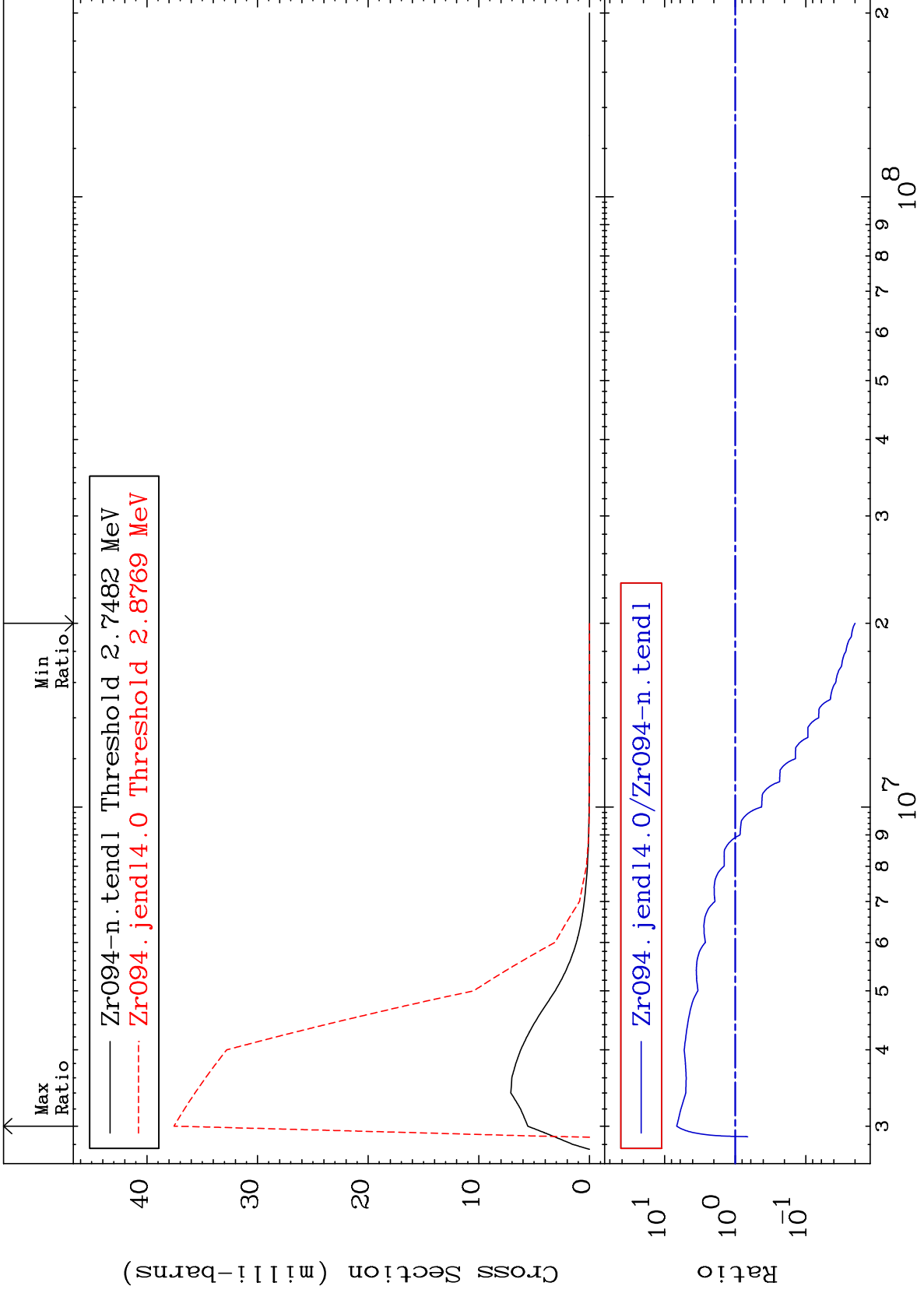
40-Zr-94

40-Zr-94

MAT 4037

2.719 MeV (n,n') Level  
Cross Section

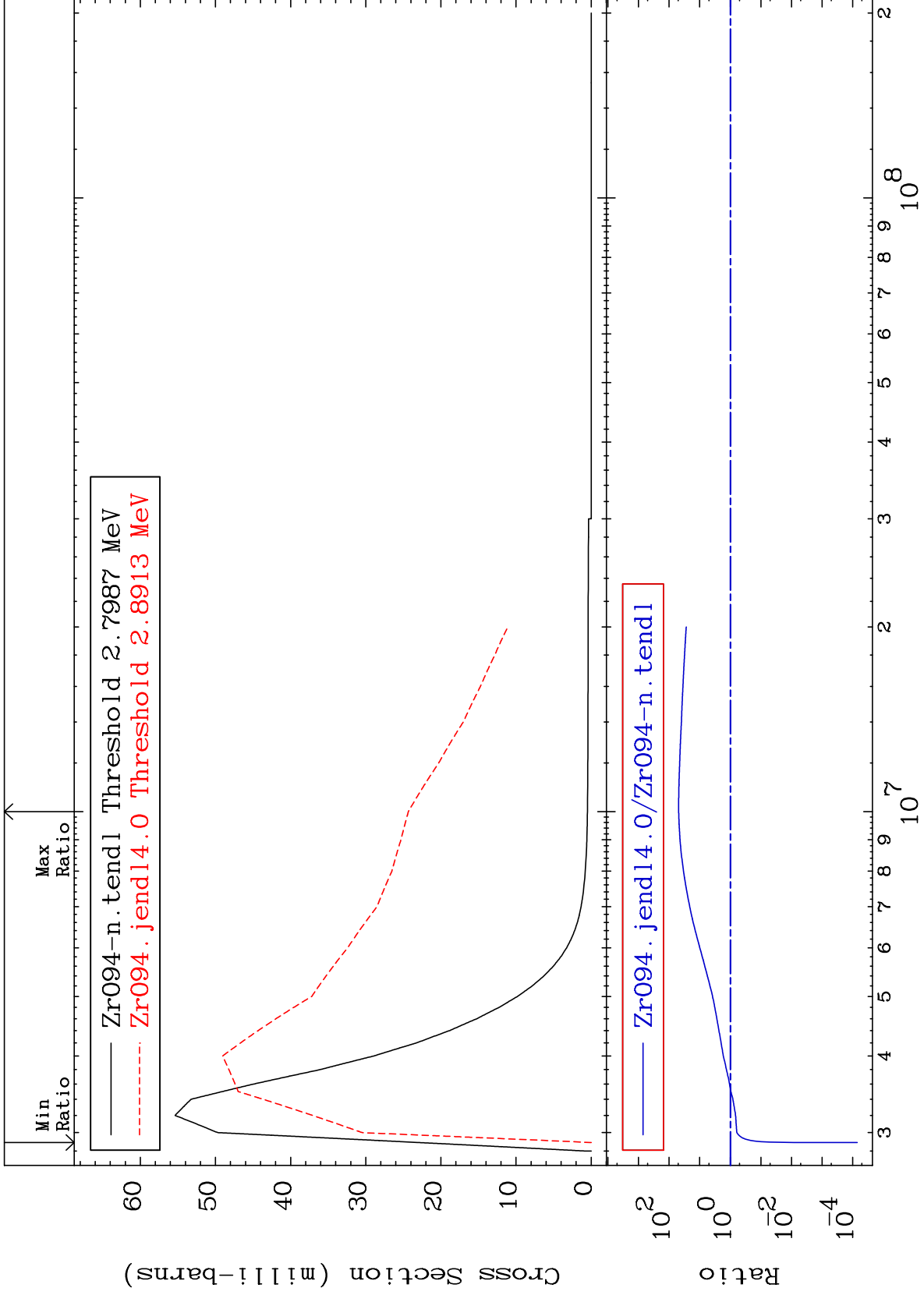
40-Zr-94  
-98.00 To 573.8 %



MAT 4037

2.769 MeV (n,n') Level  
Cross Section

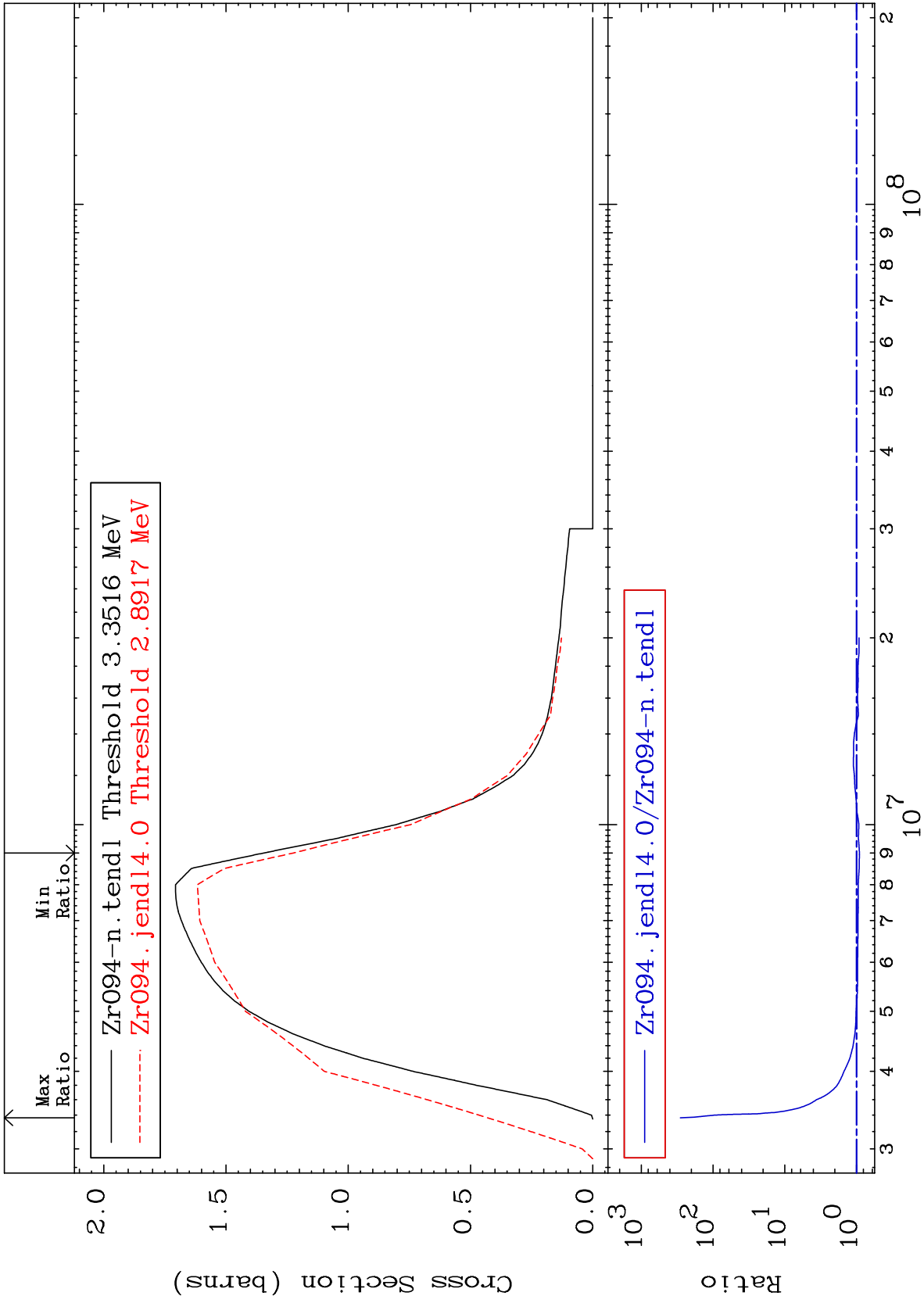
40-Zr-94  
-99.99 To 4766. %



MAT 4037

(n, n') Continuum  
Cross Section

40-Zr-94  
-9.018 To 9999. %

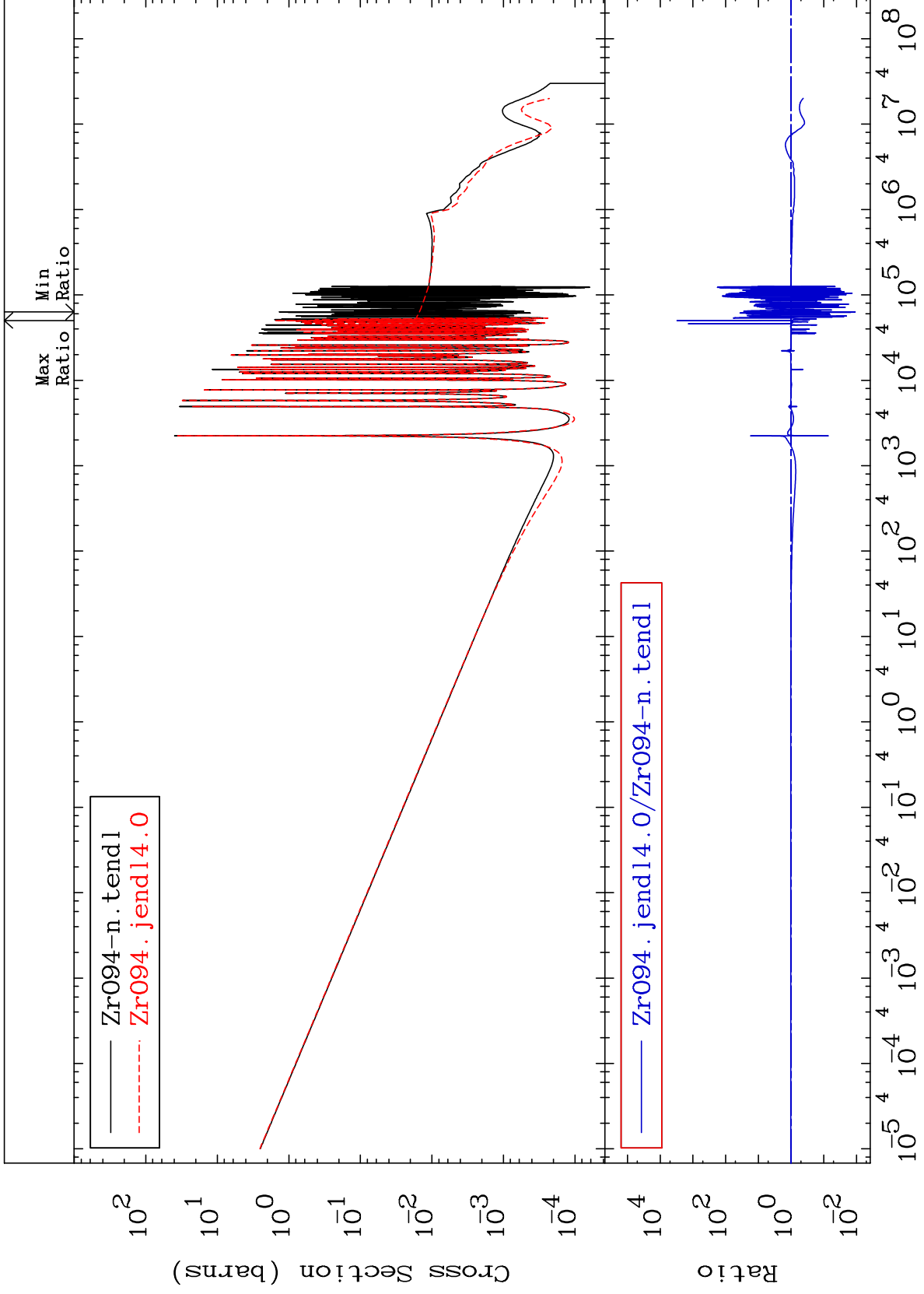


MAT 4037

(n,  $\gamma$ )

Cross Section

40-Zr-94  
-98.90 To 9999. %

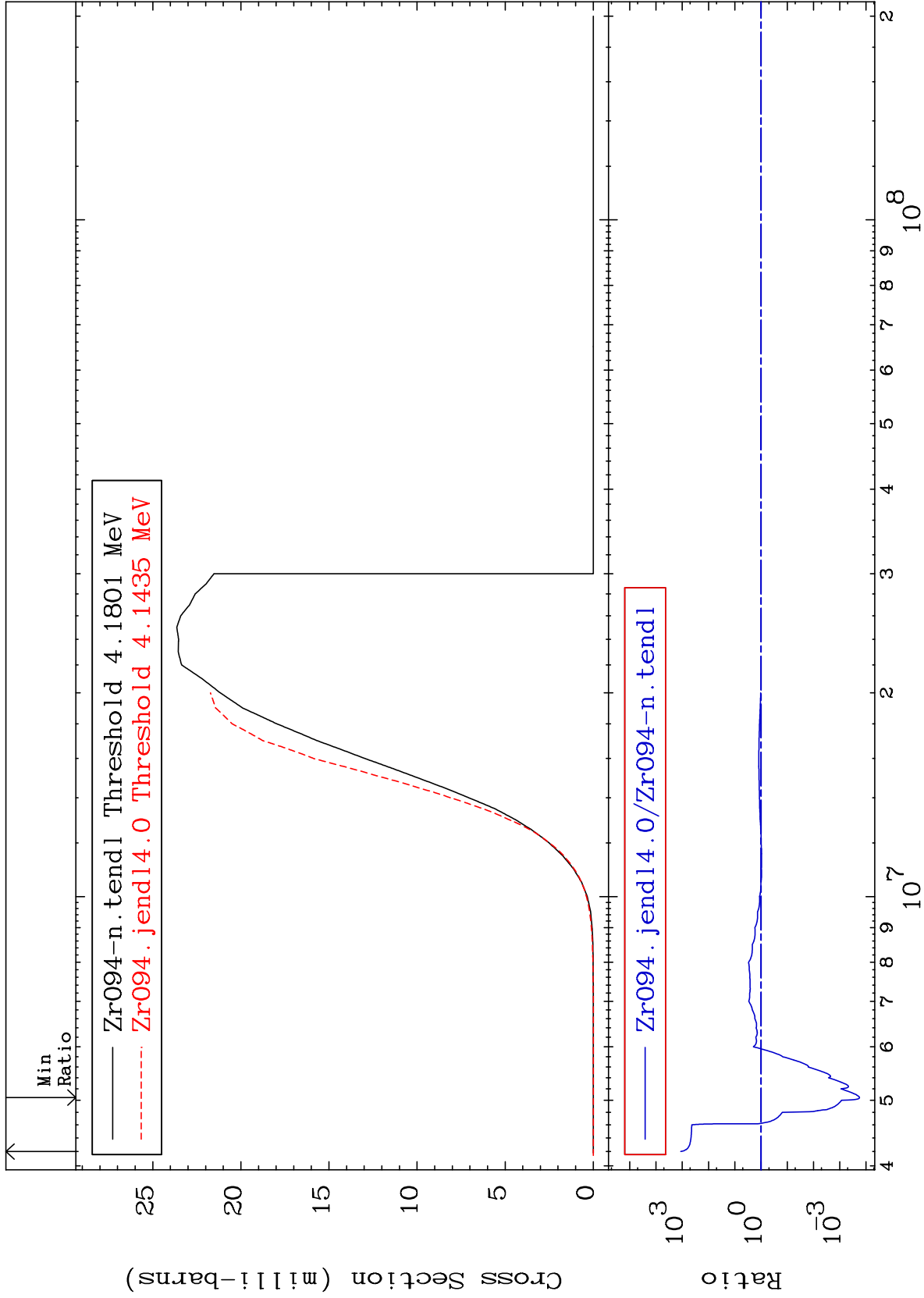




MAT 4037

(n,p)  
Cross Section

40-Zr-94  
-99.98 To 9999. %



25

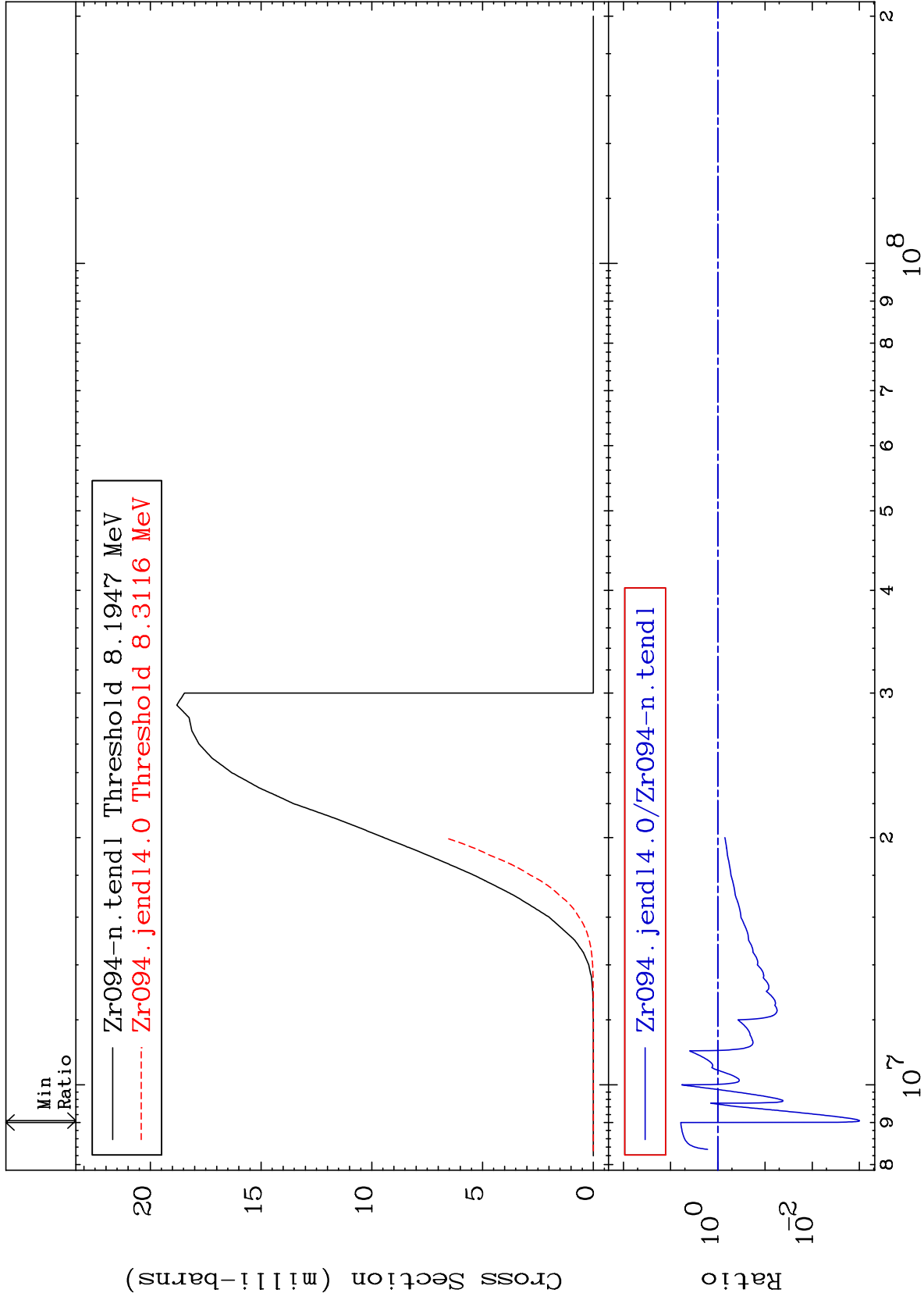
40-Zr-94

40-Zr-94

MAT 4037

(n, d)  
Cross Section

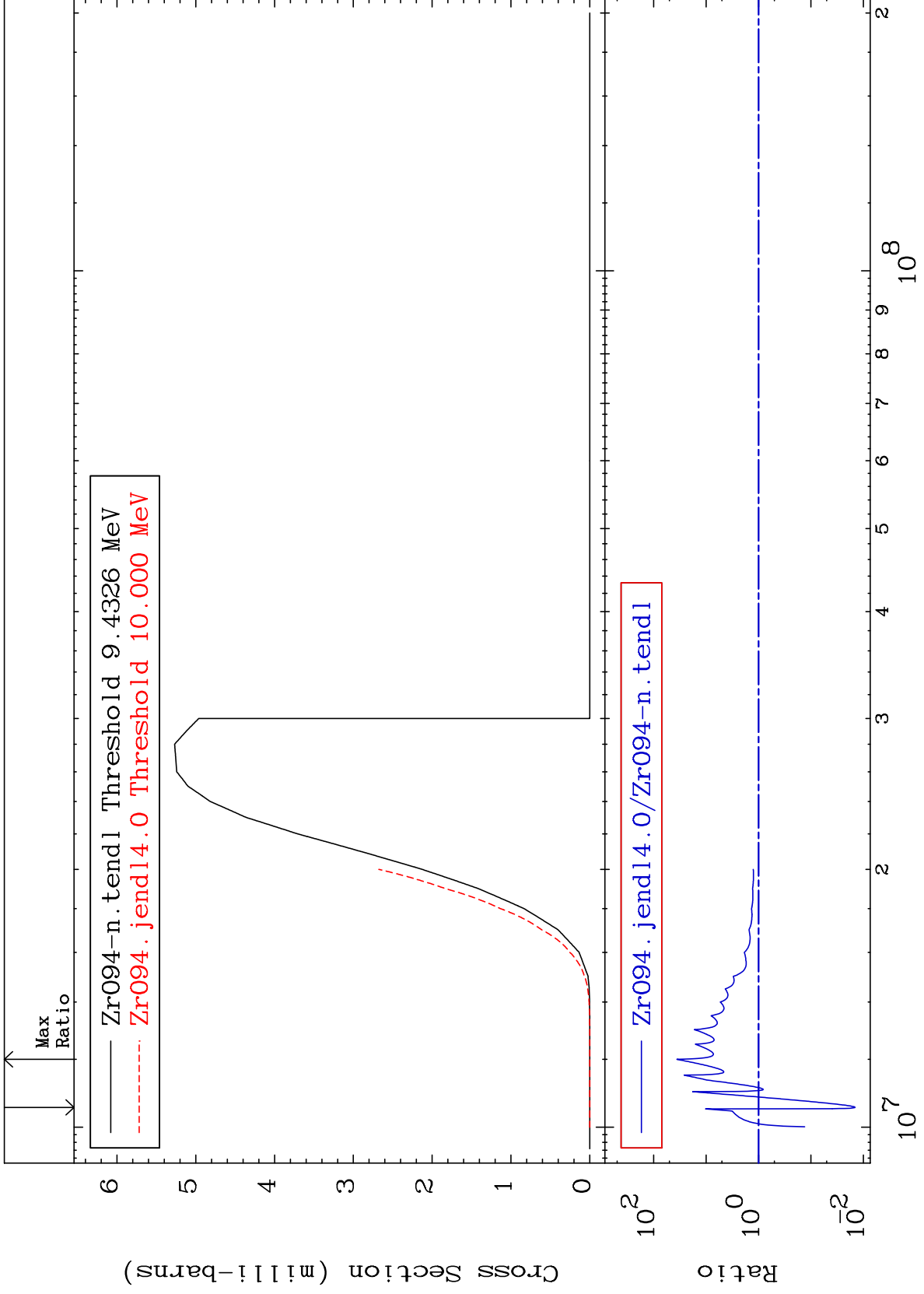
40-Zr-94  
-99.90 To 509.6 %



MAT 4037

(n, t)  
Cross Section

40-Zr-94  
-98.56 To 3508. %



27

Incident Energy (eV)

40-Zr-94

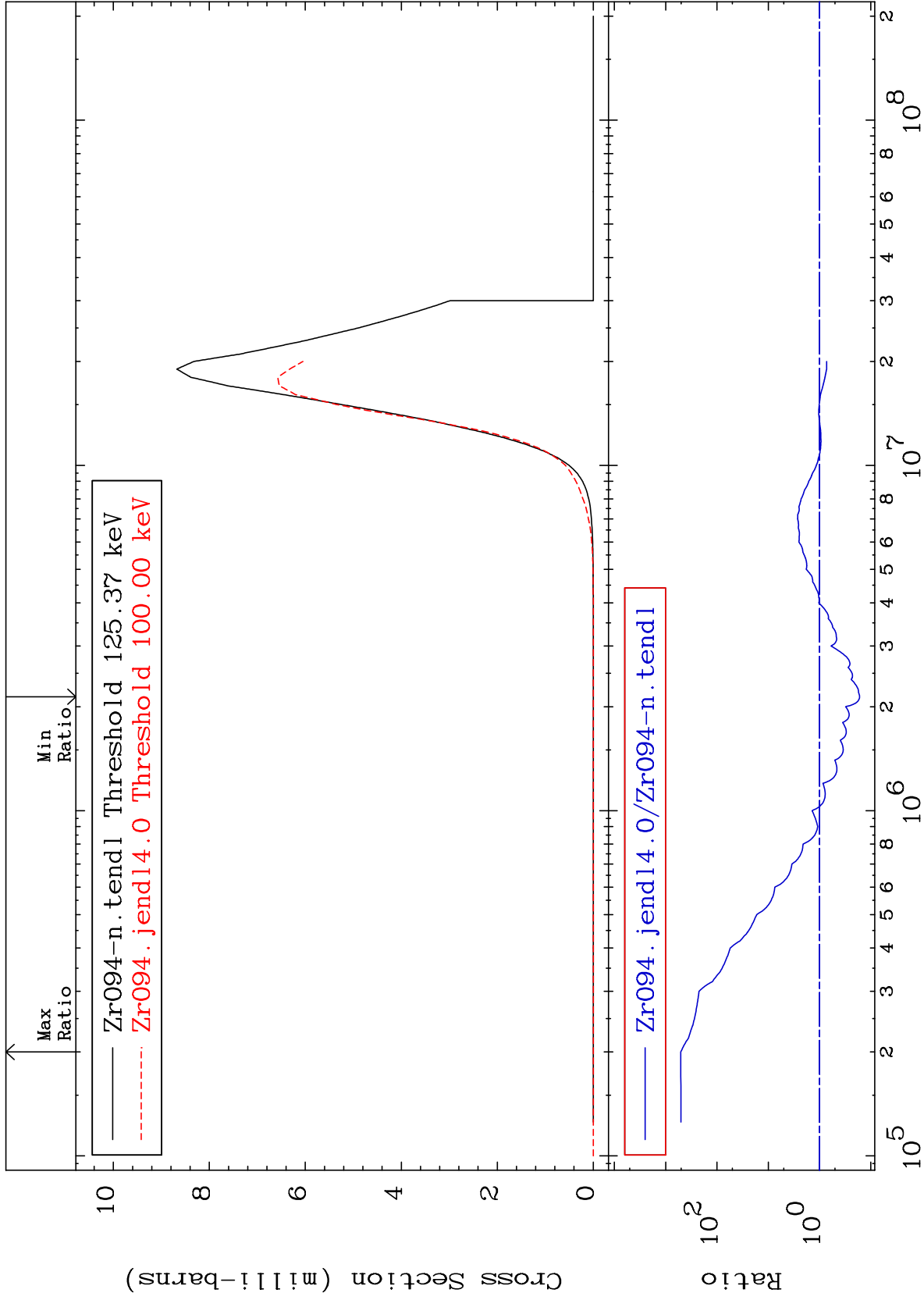
MAT 4037

(n,  $\alpha$ )

40-Zr-94

Cross Section

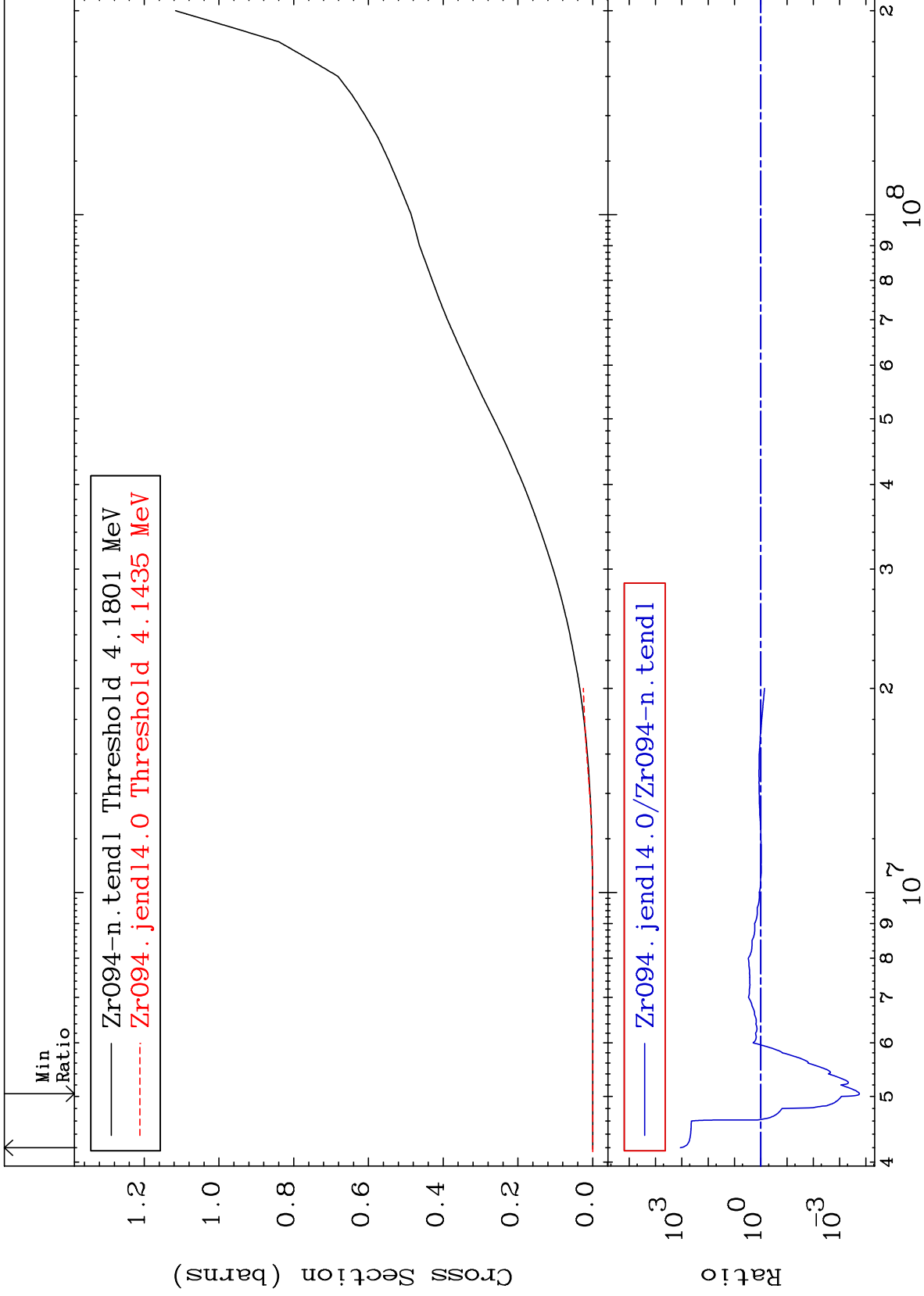
-83.37 To 9999. %



28

Incident Energy (eV)

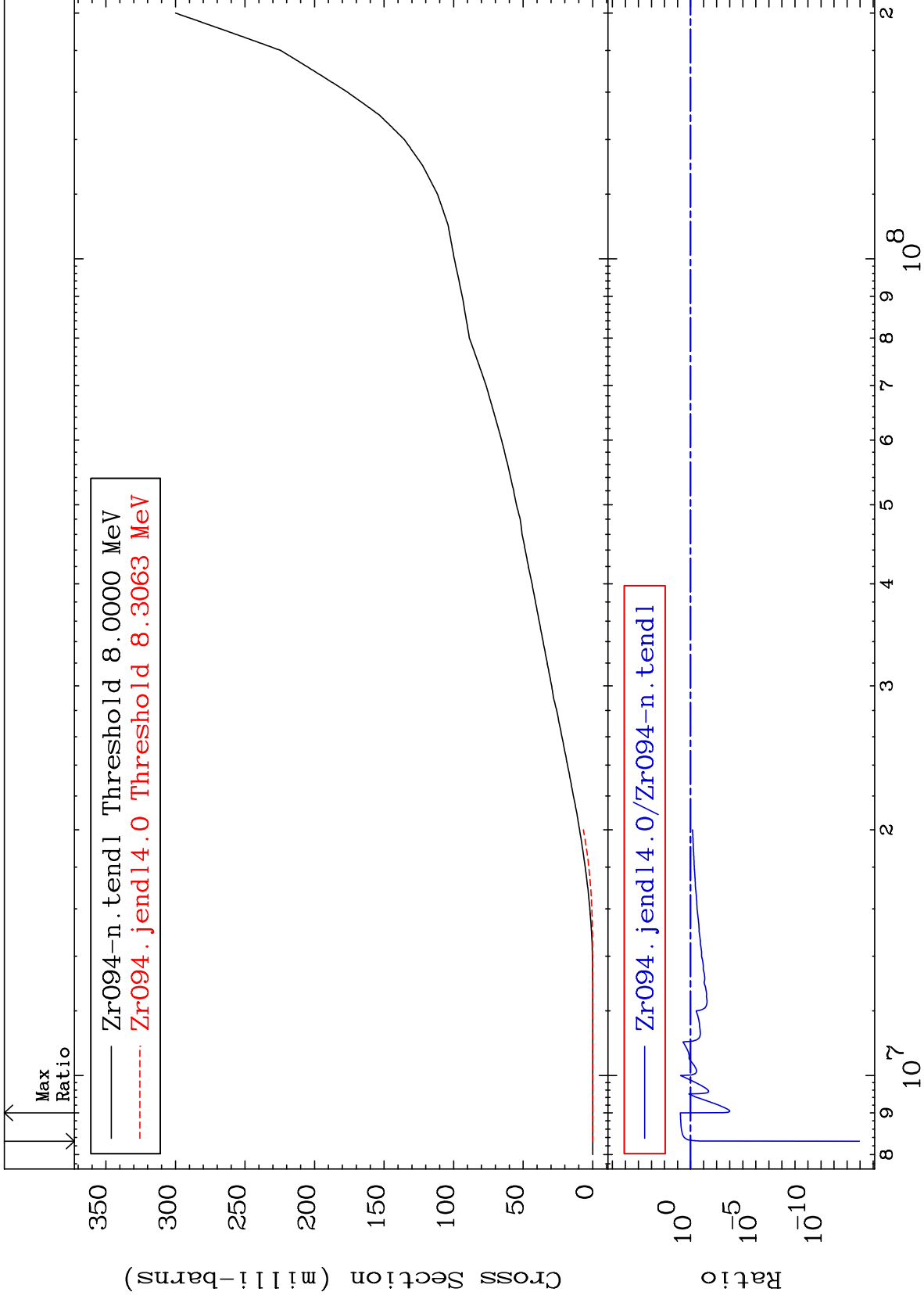
40-Zr-94



MAT 4037

Deuterium Production  
Cross Section

40-Zr-94  
-100.0 To 509.6 %



30

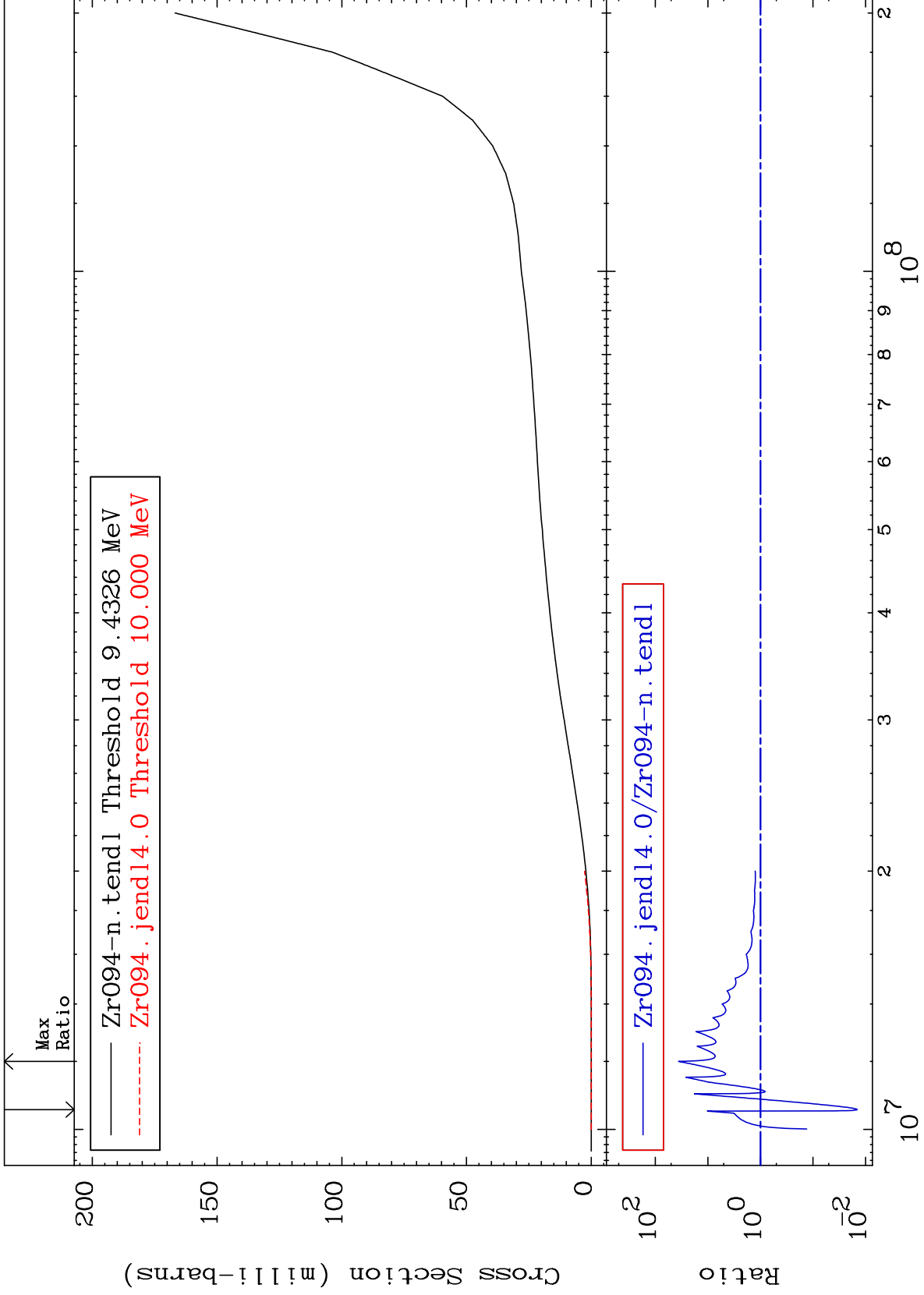
Incident Energy (eV)

40-Zr-94

MAT 4037

Tritium Production  
Cross Section

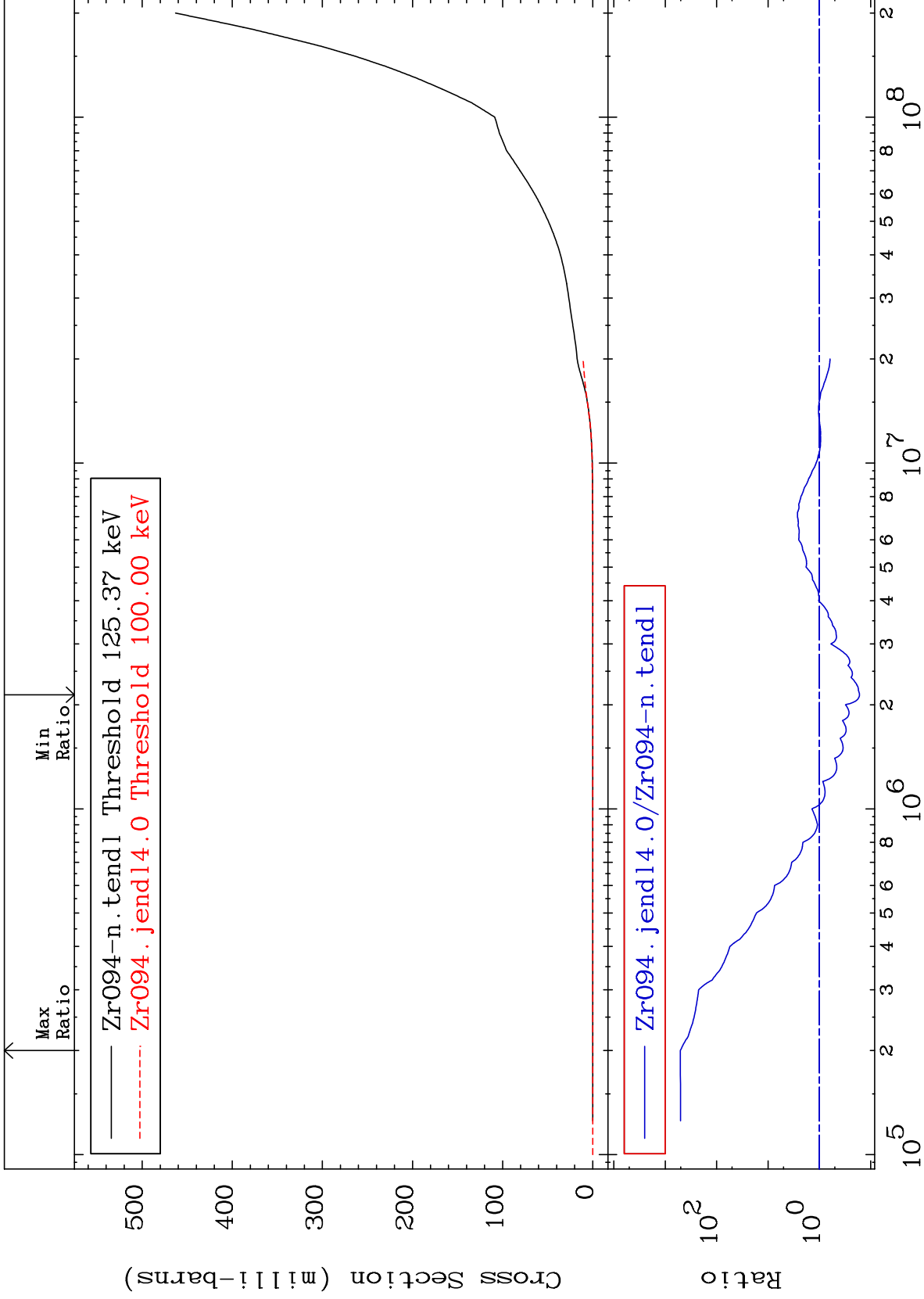
40-Zr-94  
-98.56 To 3508. %



MAT 4037

He-4 Production  
Cross Section

40-Zr-94  
-83.37 To 9999. %

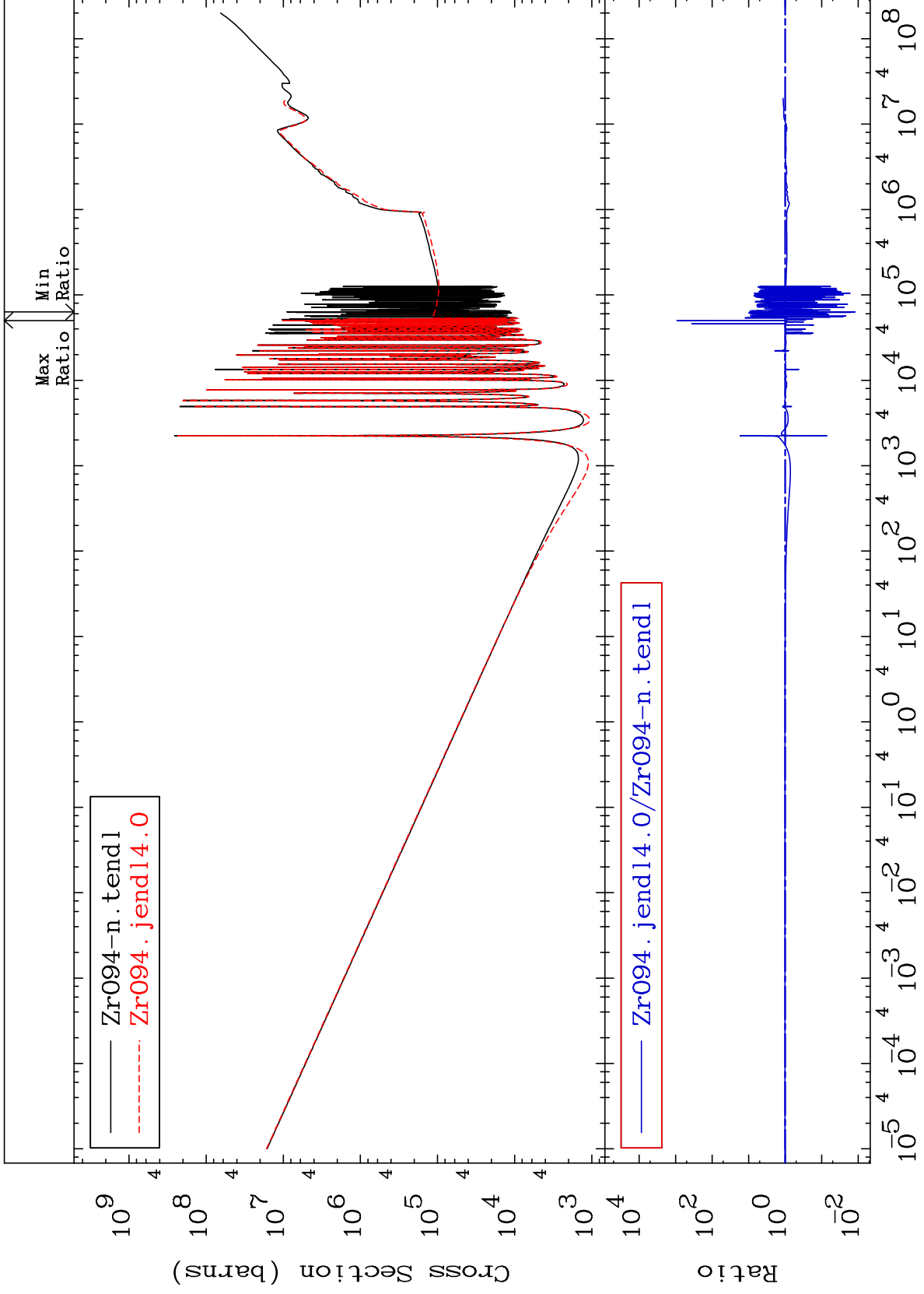


32

Incident Energy (eV)

40-Zr-94

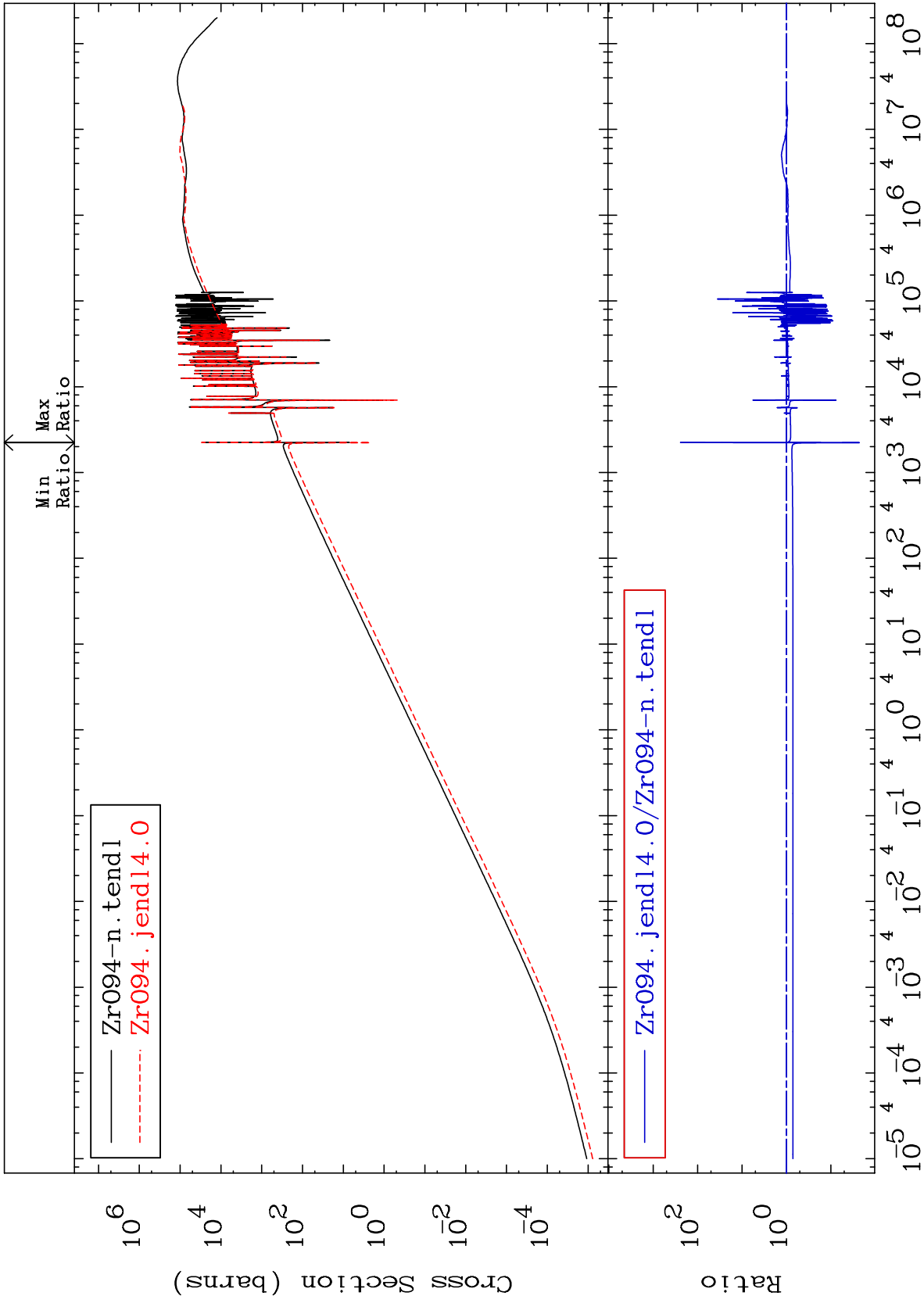


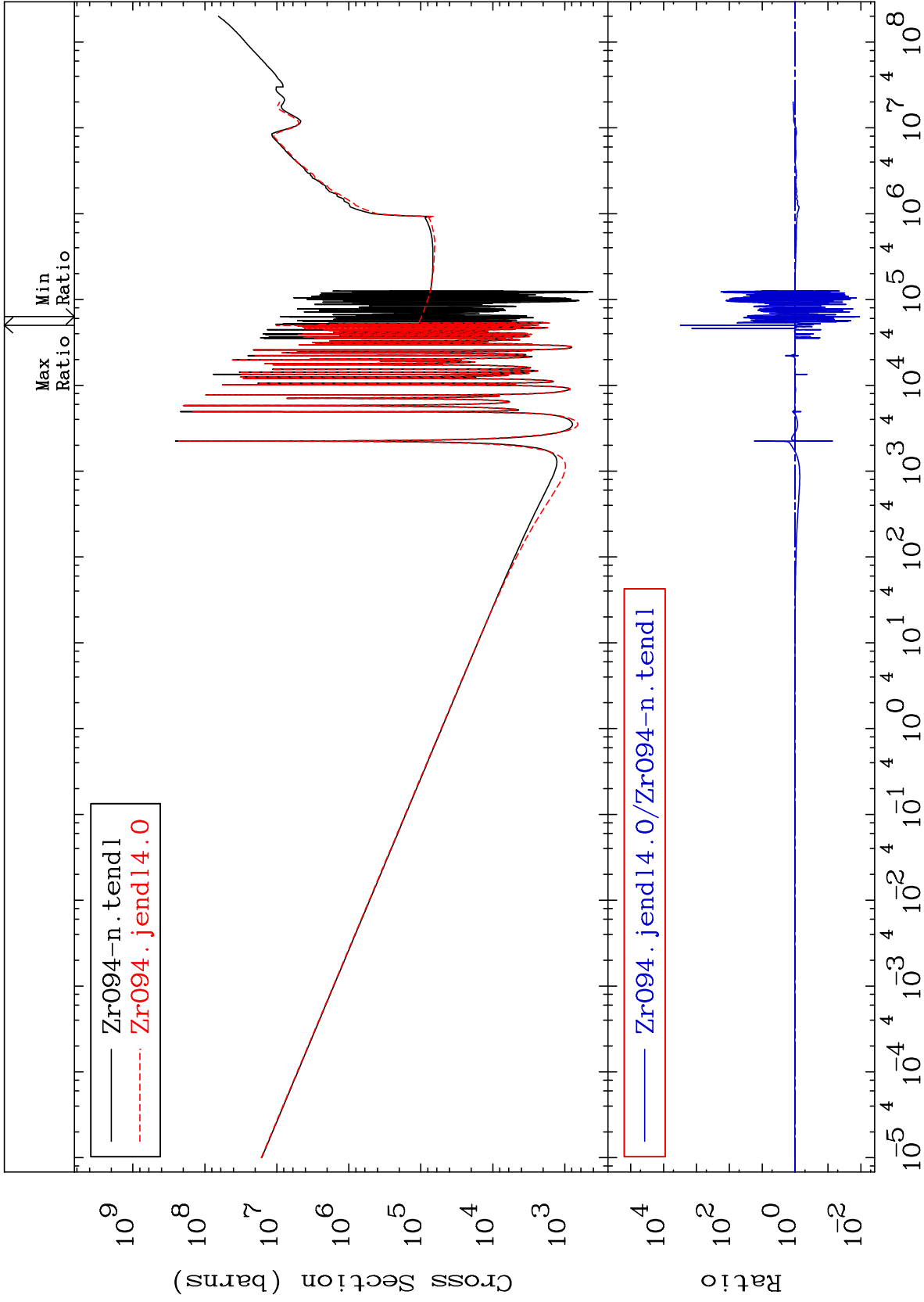


MAT 4037

Kerma elastic  
Cross Section

40-Zr-94  
-97.73 To 9999. %

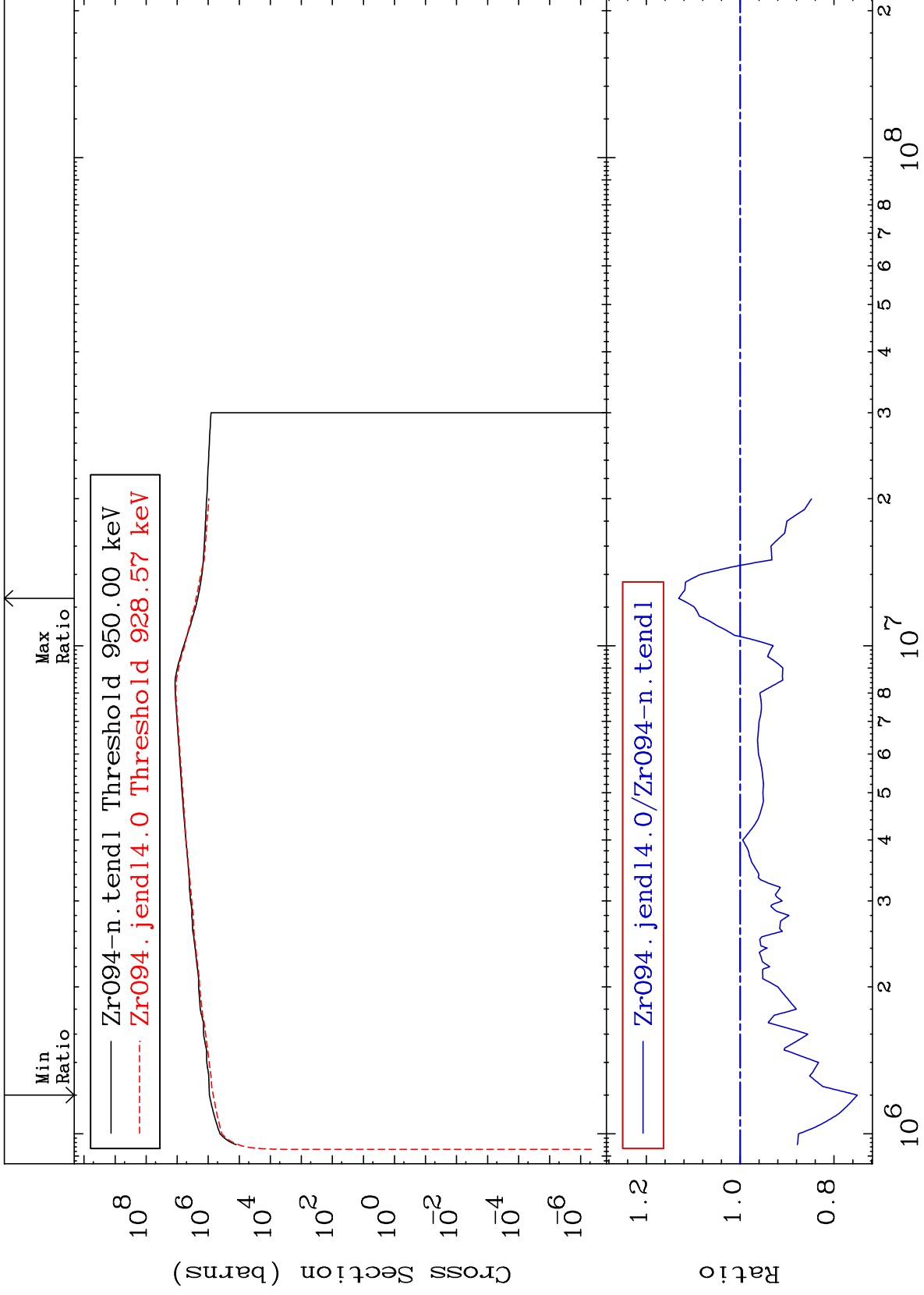




MAT 4037

Kerma inelastic (mt51-91)  
Cross Section

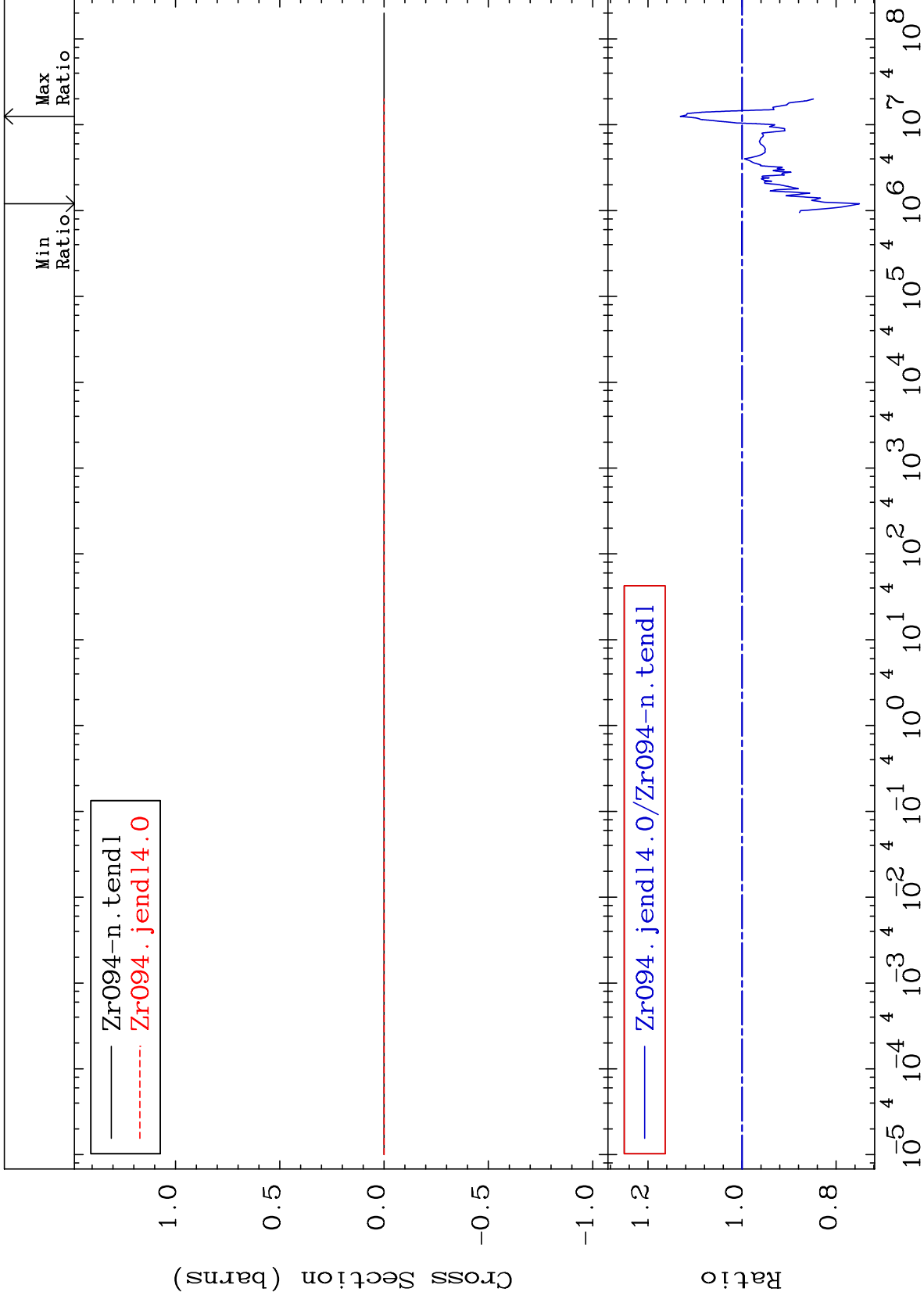
40-Zr-94  
-24.95 To 13.13 %



36

Incident Energy (eV)

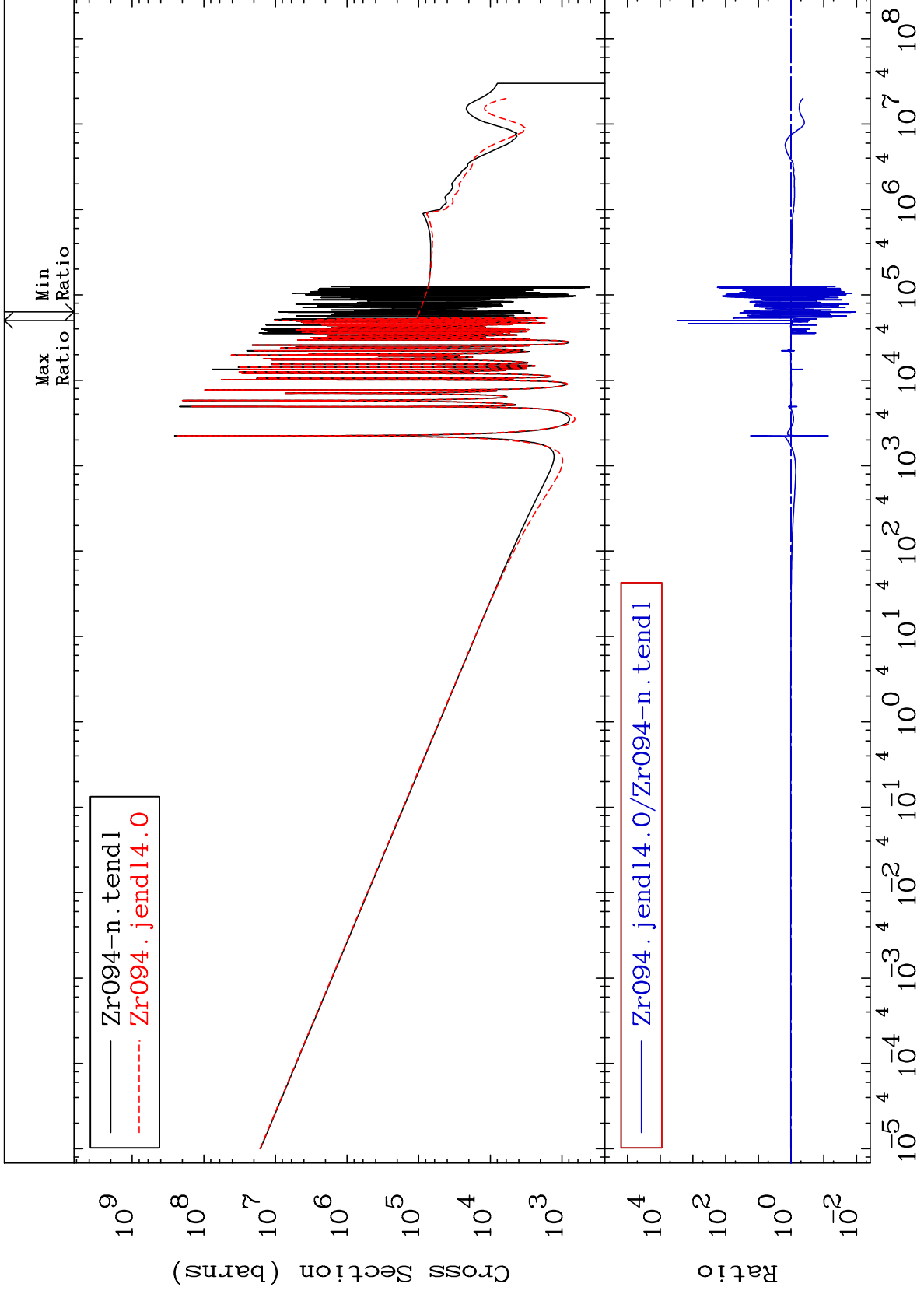
40-Zr-94



MAT 4037

Kerma capture (mt102)  
Cross Section

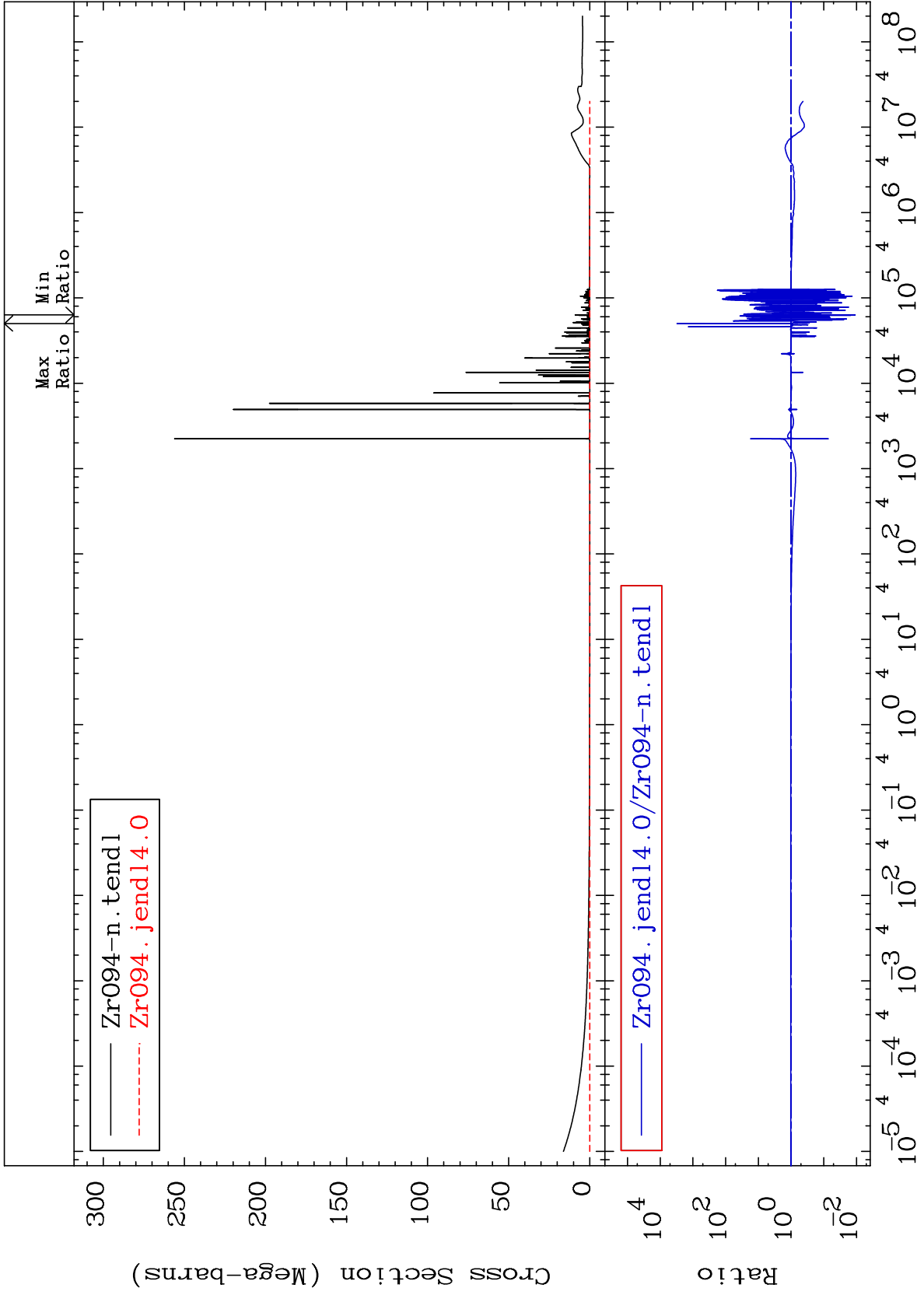
40-Zr-94  
-98.90 To 9999. %



MAT 4037

Total photon (eV-barns)  
Cross Section

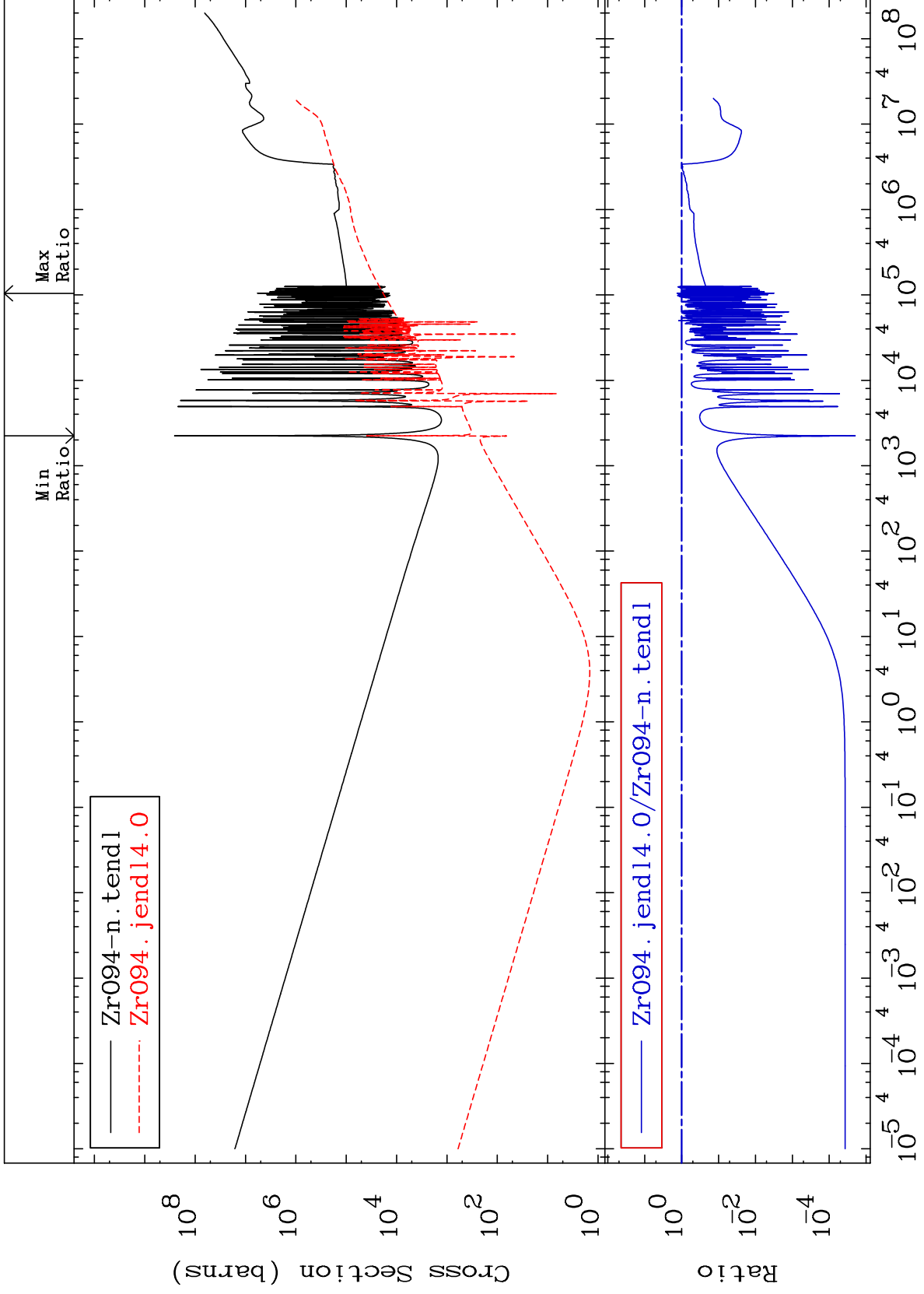
40-Zr-94  
-98.90 To 9999. %



MAT 4037

Total kinematic kerma (high limit)  
Cross Section

40-Zr-94  
-100.0 To 34.43 %



— Zr094-n.tendl  
- - - Zr094.jendl4.0

— Zr094.jendl4.0/Zr094-n.tendl

40

Incident Energy (eV)

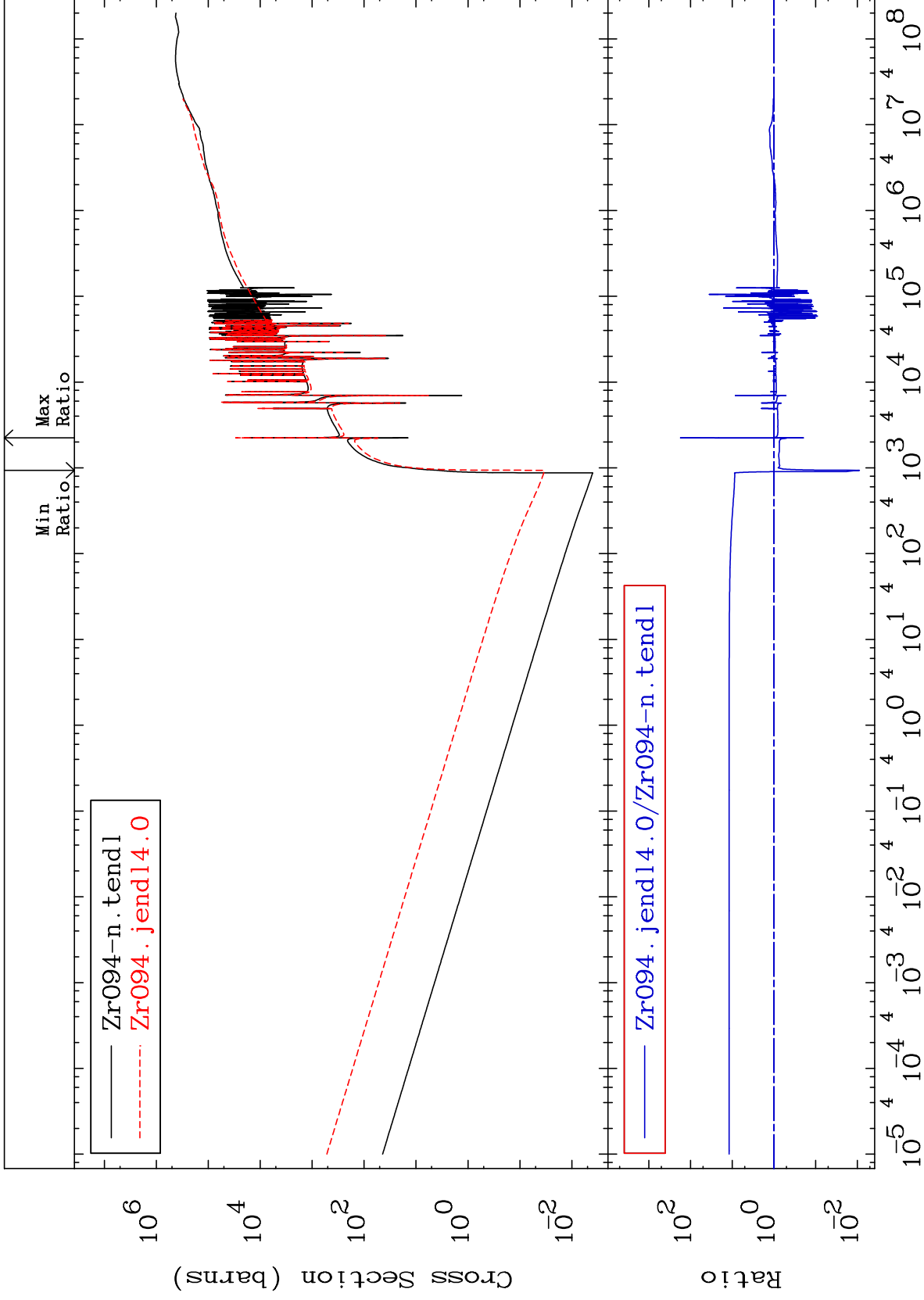
40-Zr-94



MAT 4037

Dpa total (eV-barns)  
Cross Section

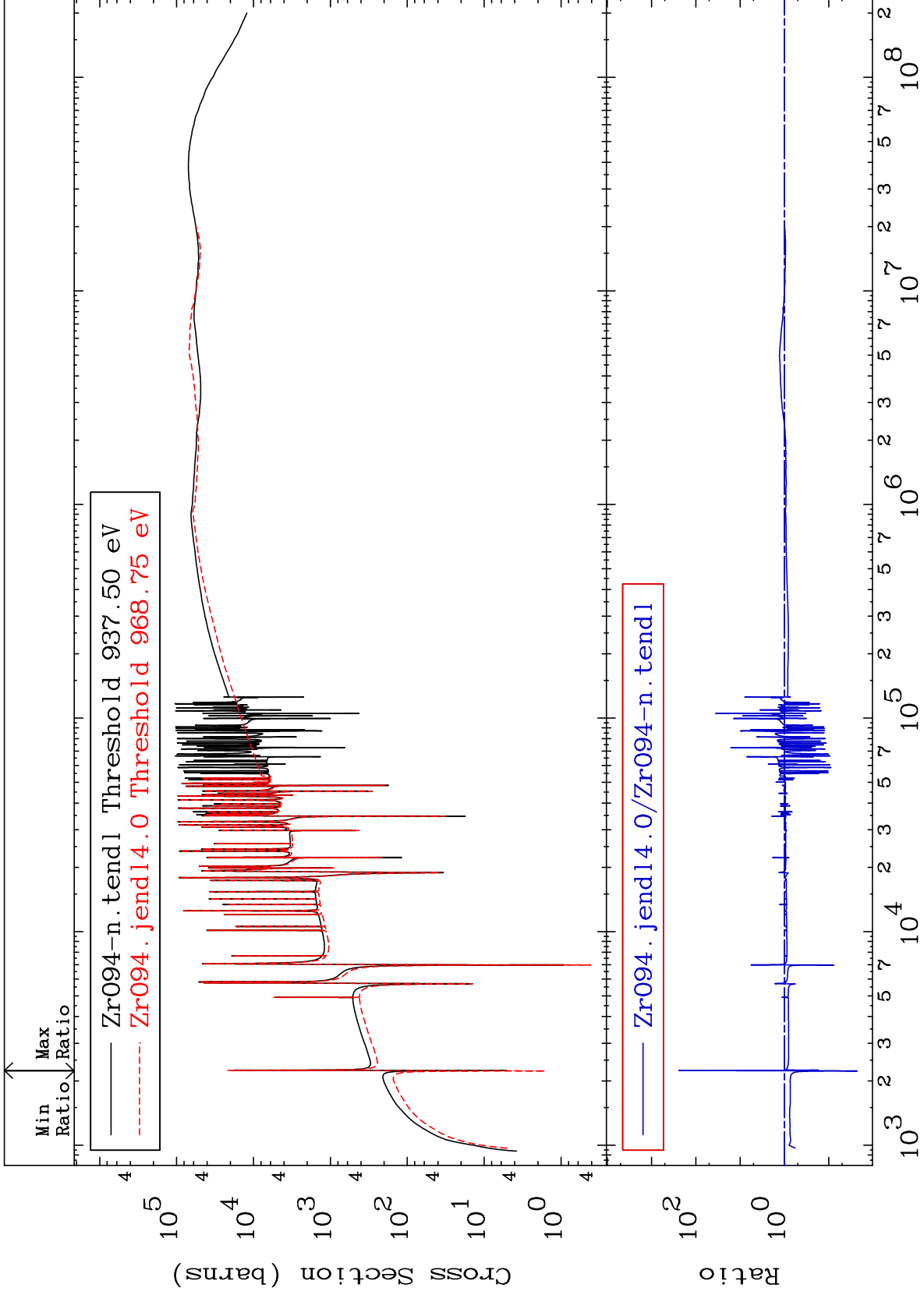
40-Zr-94  
-99.11 To 9999. %



41

Incident Energy (eV)

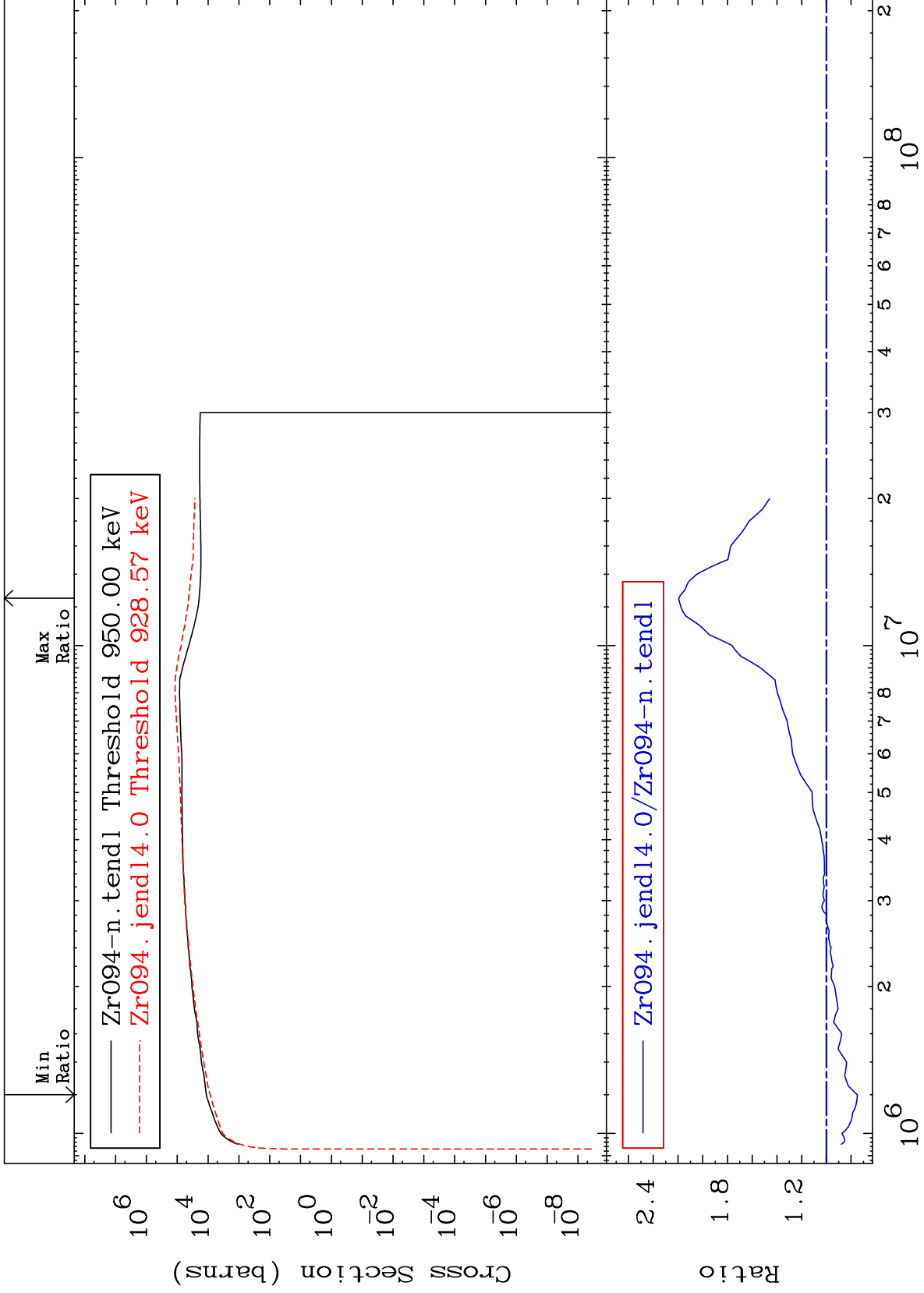
40-Zr-94



MAT 4037

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-94  
-24.99 To 119.5 %



43

40-Zr-94

40-Zr-94

