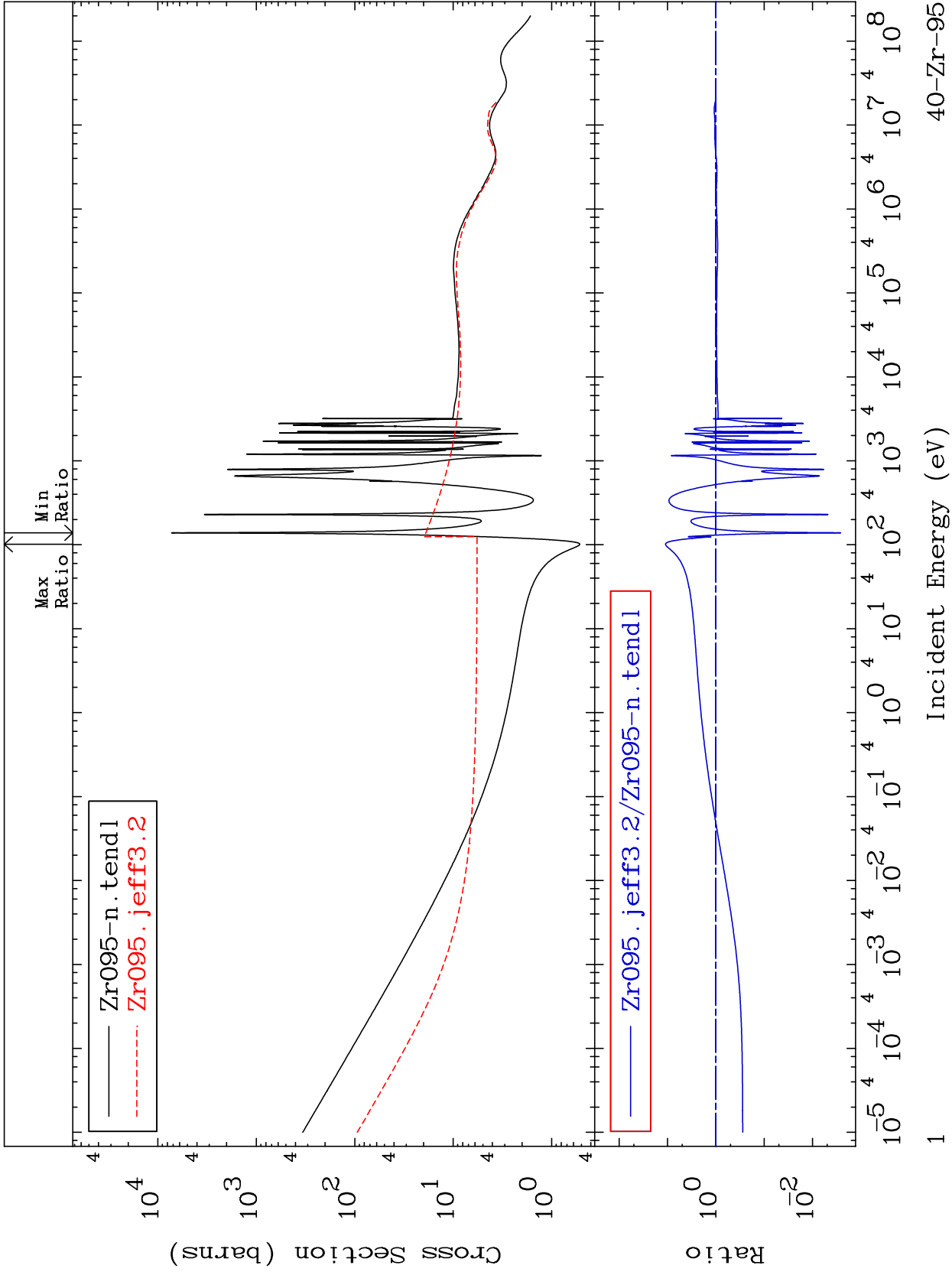


MAT 4040

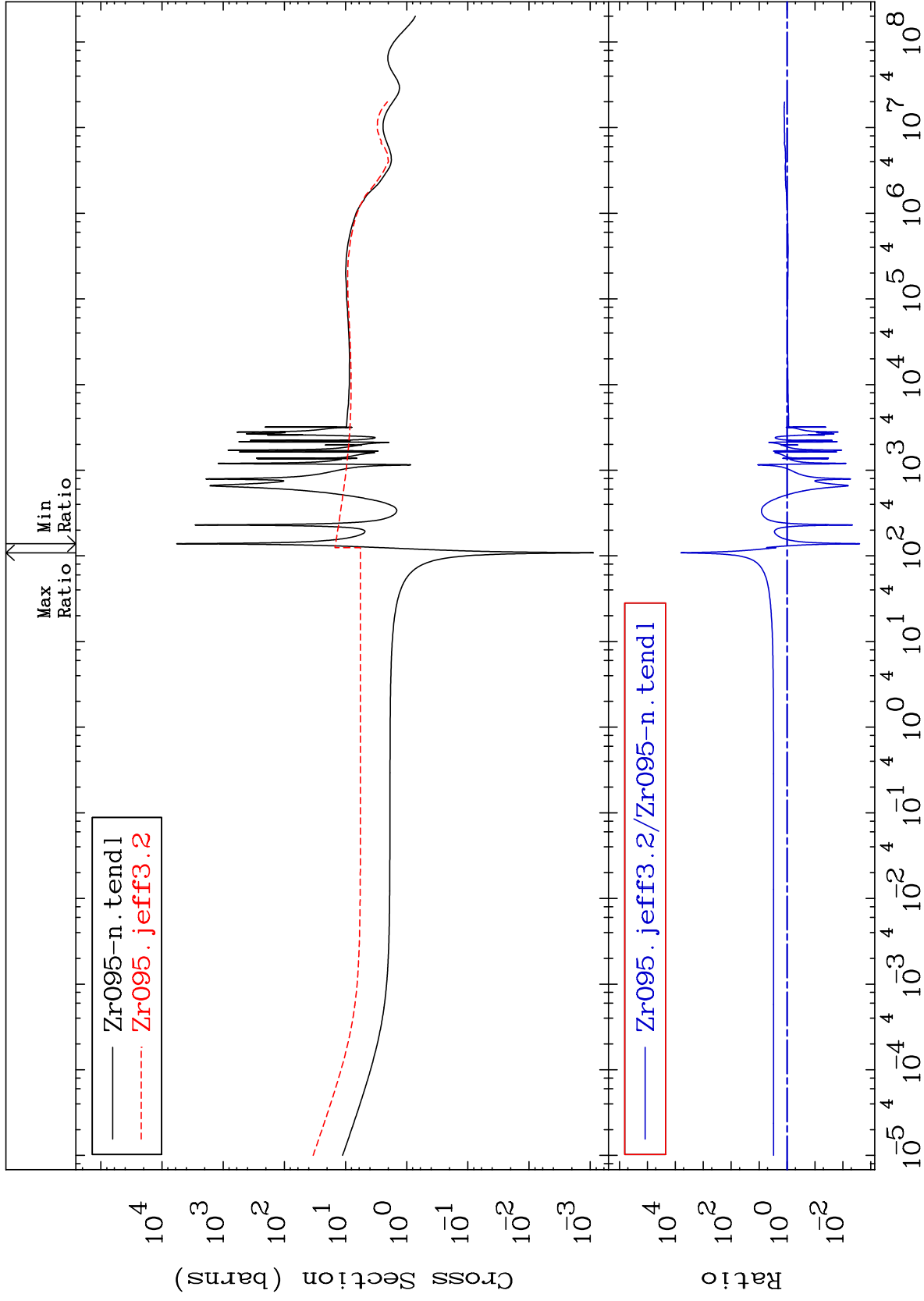
Total Cross Section  
40-Zr-95  
-99.74 To 1003. %



MAT 4040

Elastic  
Cross Section

40-Zr-95  
-99.75 To 9999. %



2

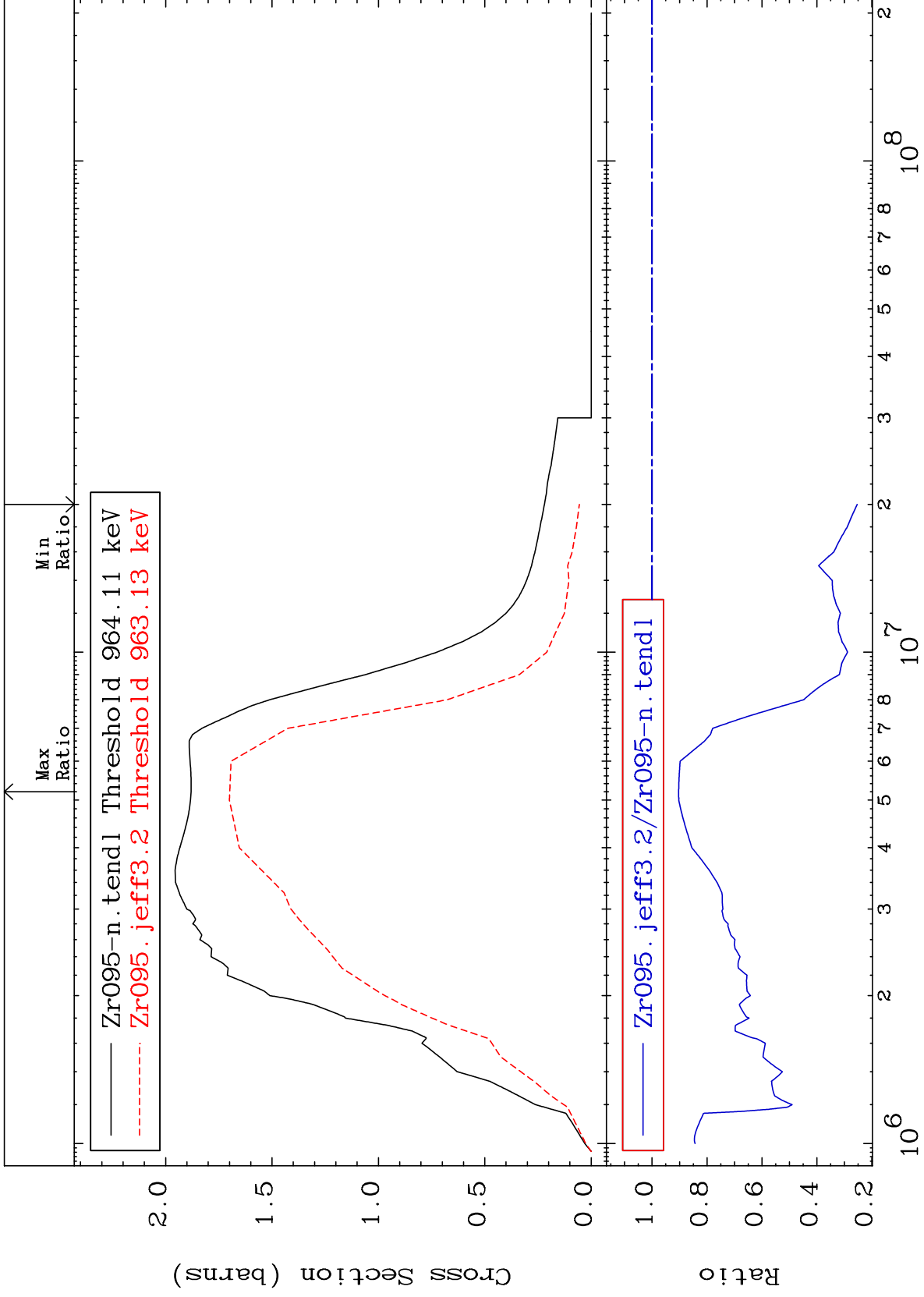
Incident Energy (eV)

40-Zr-95

MAT 4040

Inelastic  
Cross Section

40-Zr-95  
-74.70 To -9.673%



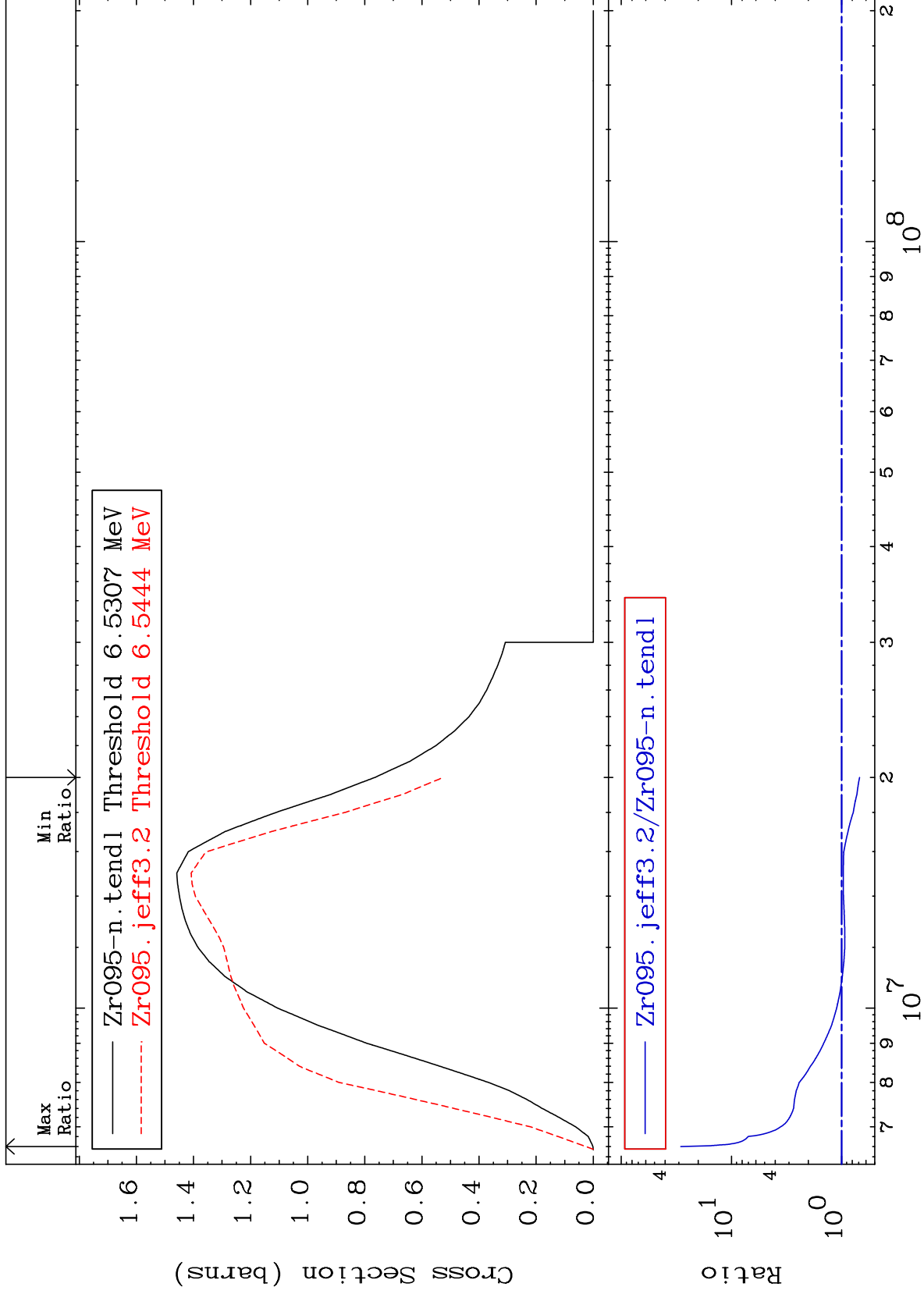
Incident Energy (eV)

40-Zr-95

MAT 4040

(n,2n)  
Cross Section

40-Zr-95  
-31.34 To 2783. %



4

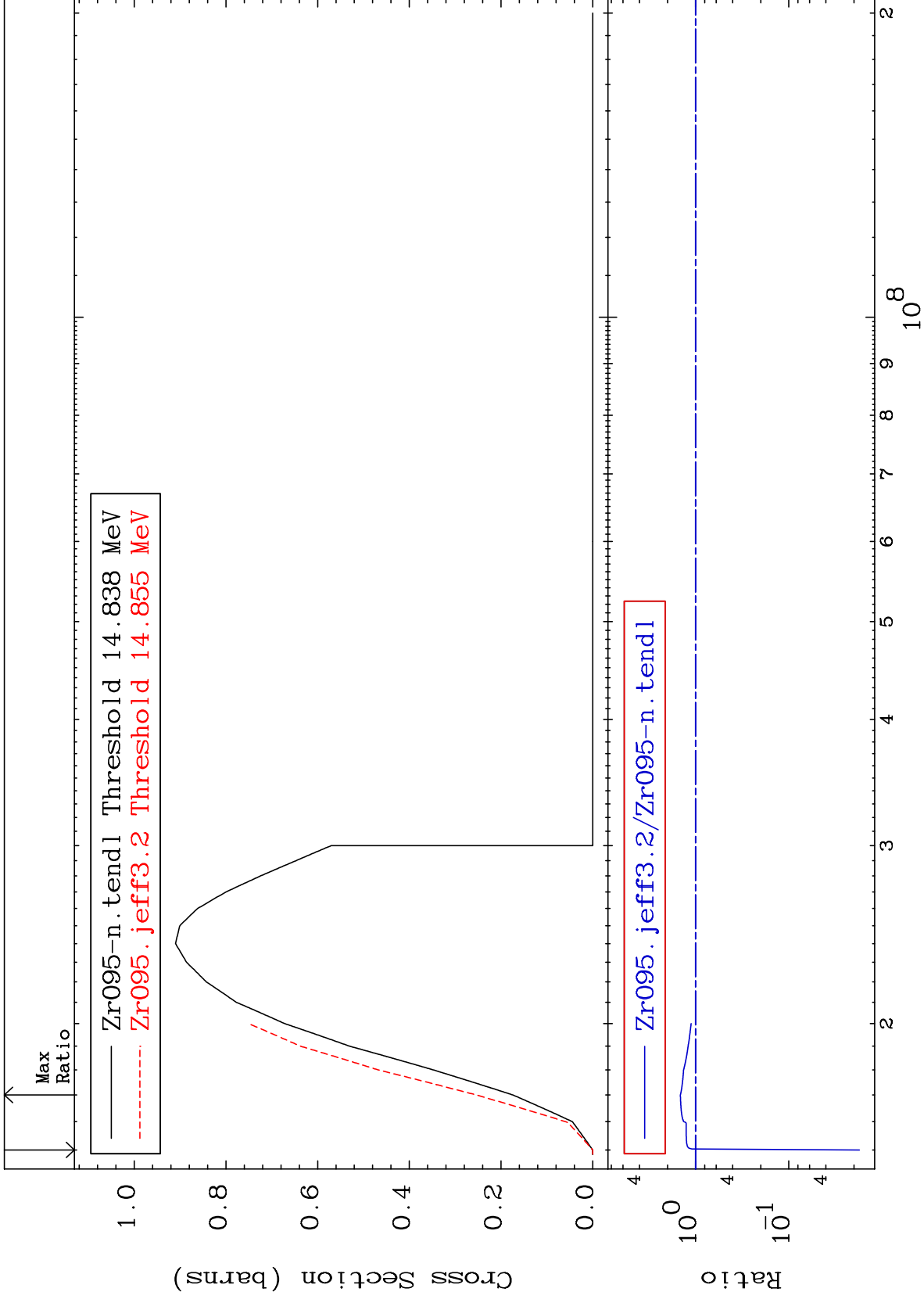
Incident Energy (eV)

40-Zr-95

MAT 4040

(n,3n)  
Cross Section

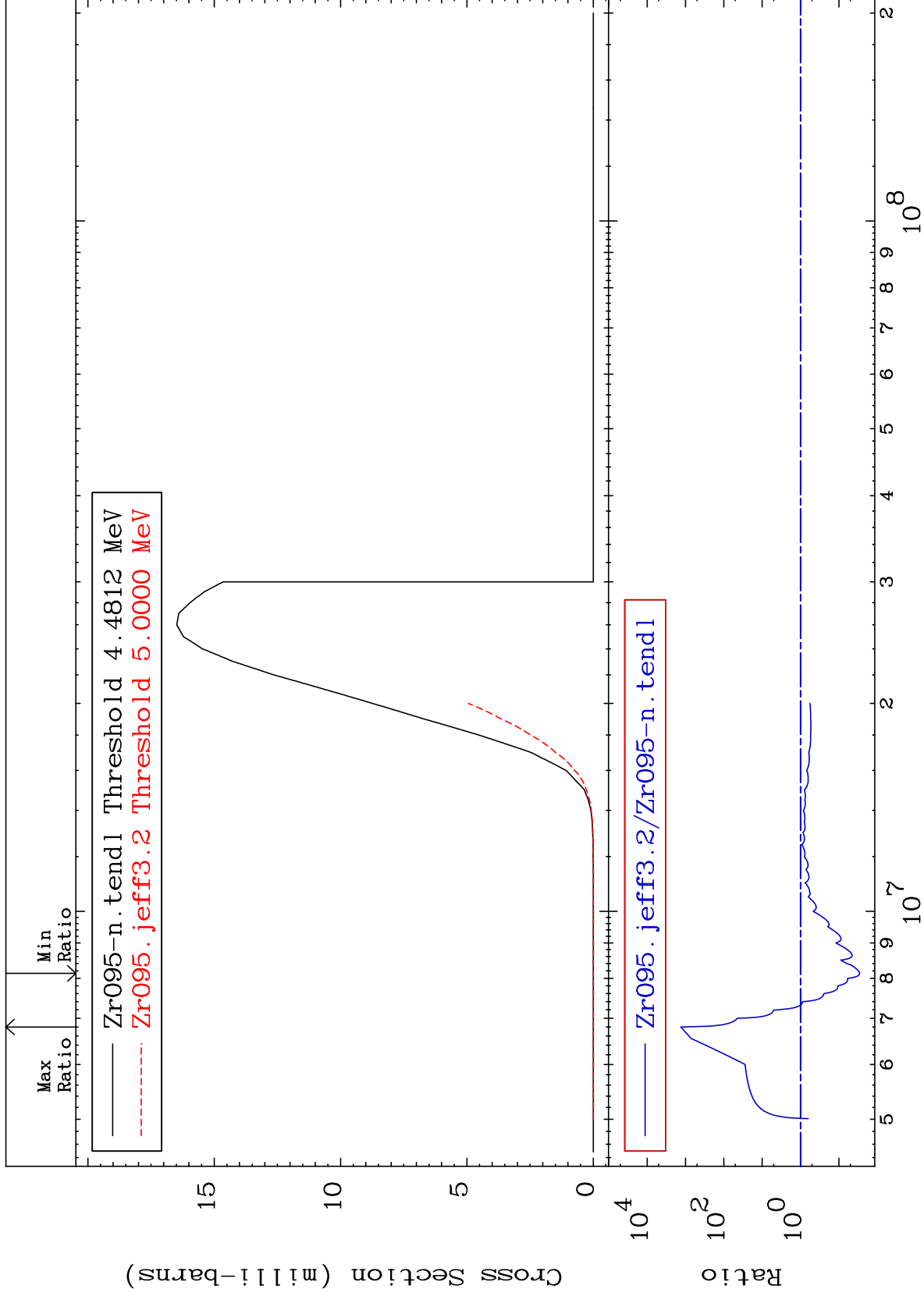
40-Zr-95  
-98.25 To 45.63 %



MAT 4040

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

40-Zr-95  
-97.11 To 9999. %



6

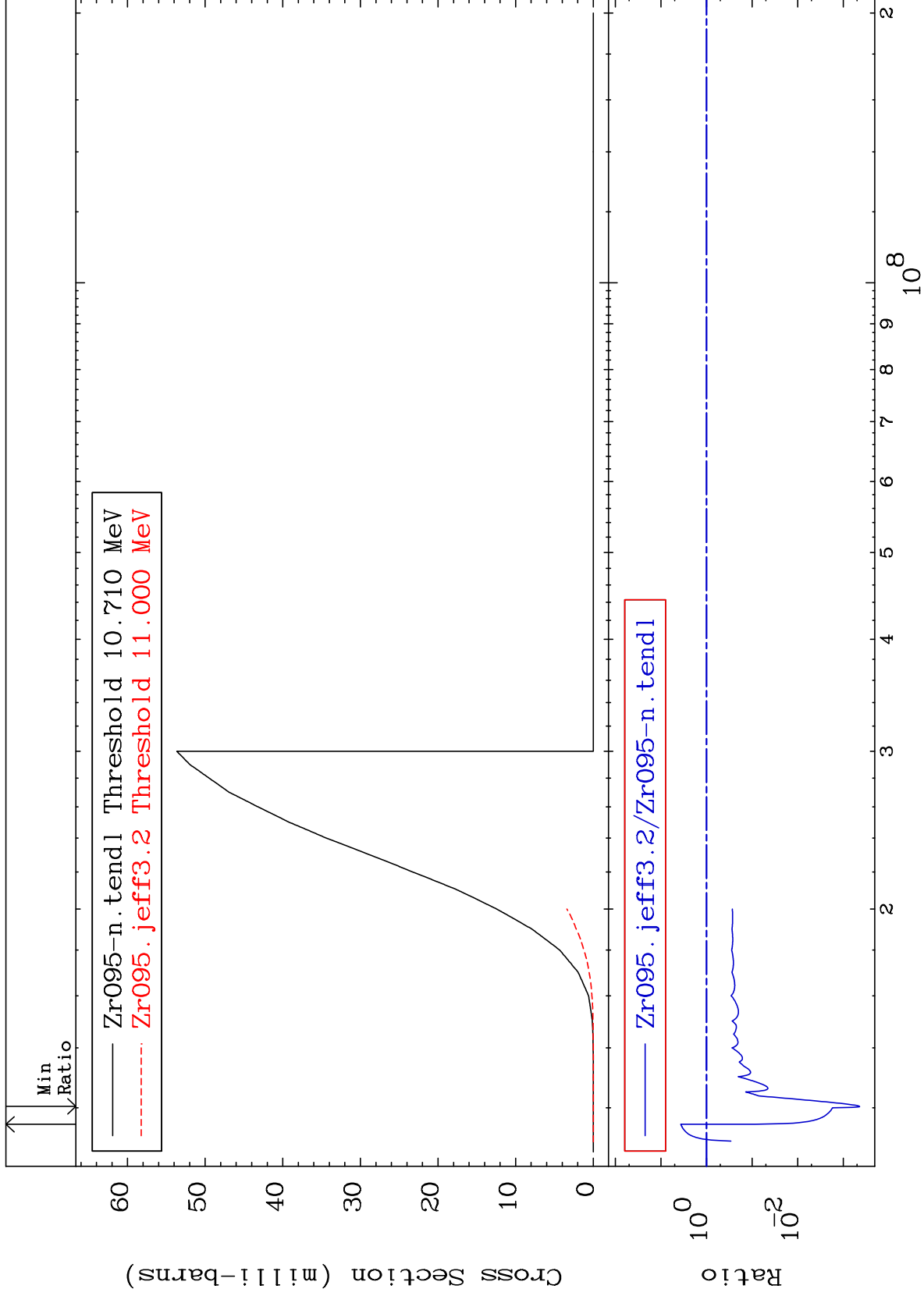
40-Zr-95

40-Zr-95

MAT 4040

(n,n') p  
Cross Section

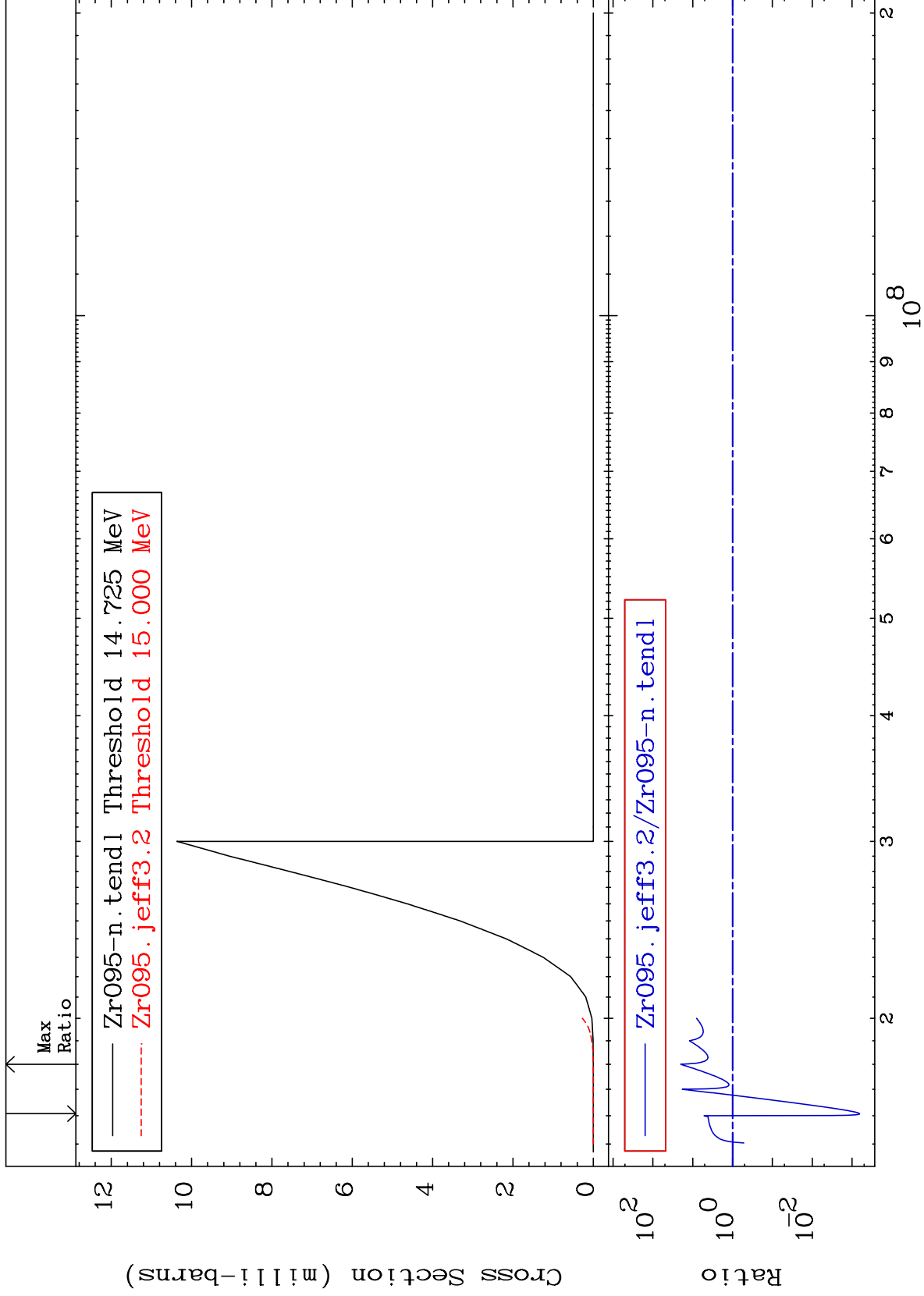
40-Zr-95  
-99.96 To 268.7 %



MAT 4040

(n, n') d  
Cross Section

40-Zr-95  
-99.94 To 1895. %

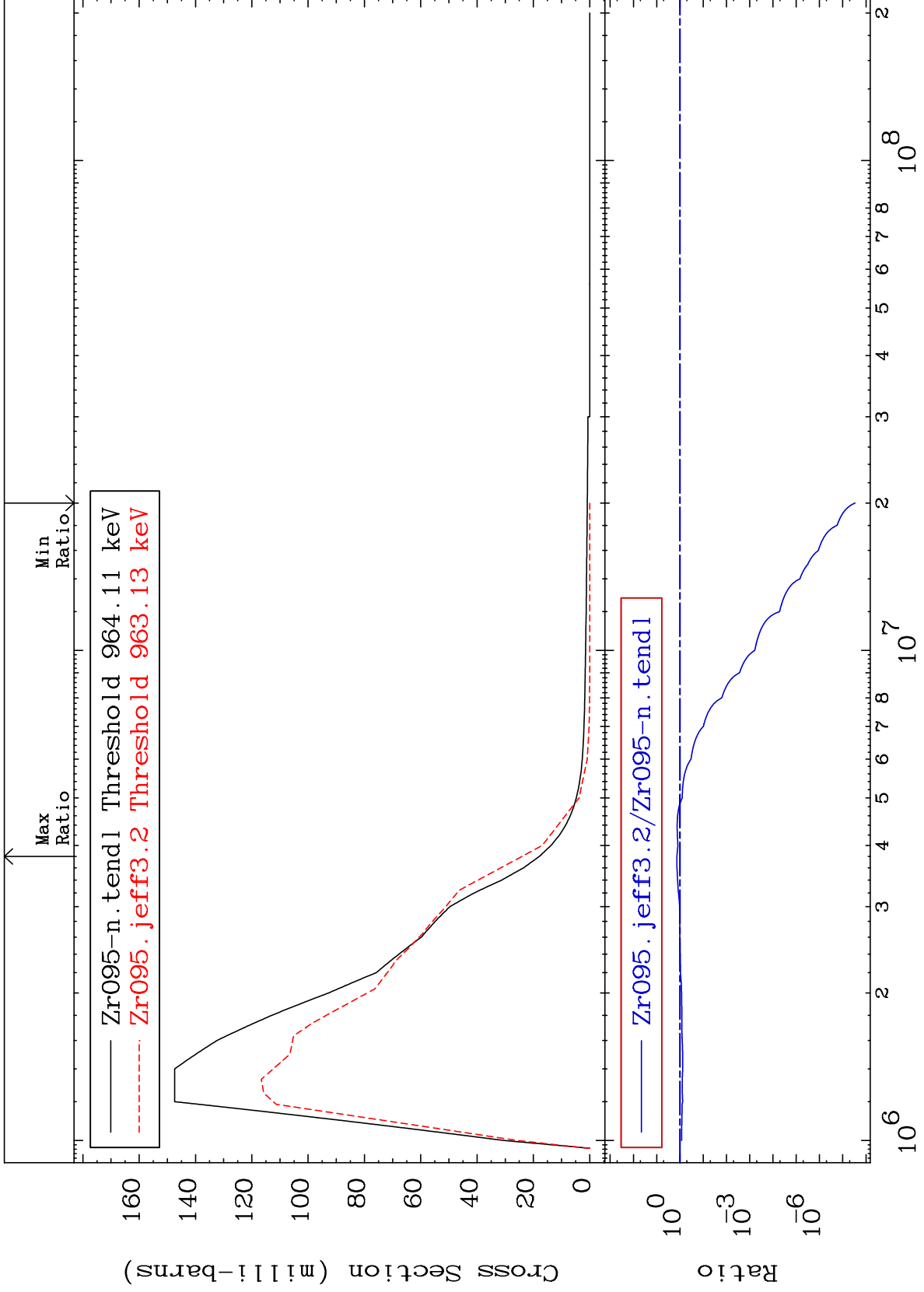




MAT 4040

954.0 keV (n,n') Level  
Cross Section

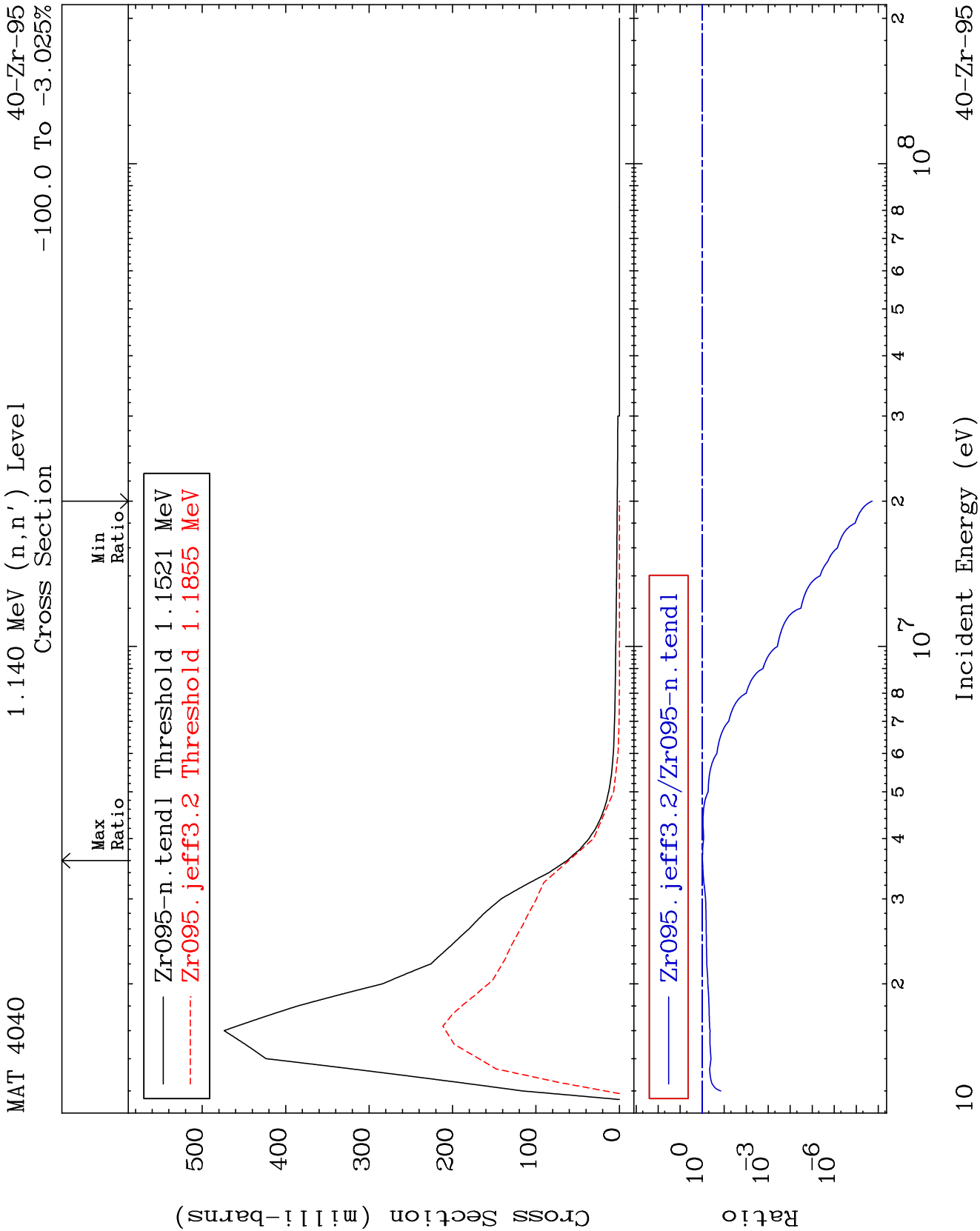
40-Zr-95  
-100.0 To 34.69 %



9

Incident Energy (eV)

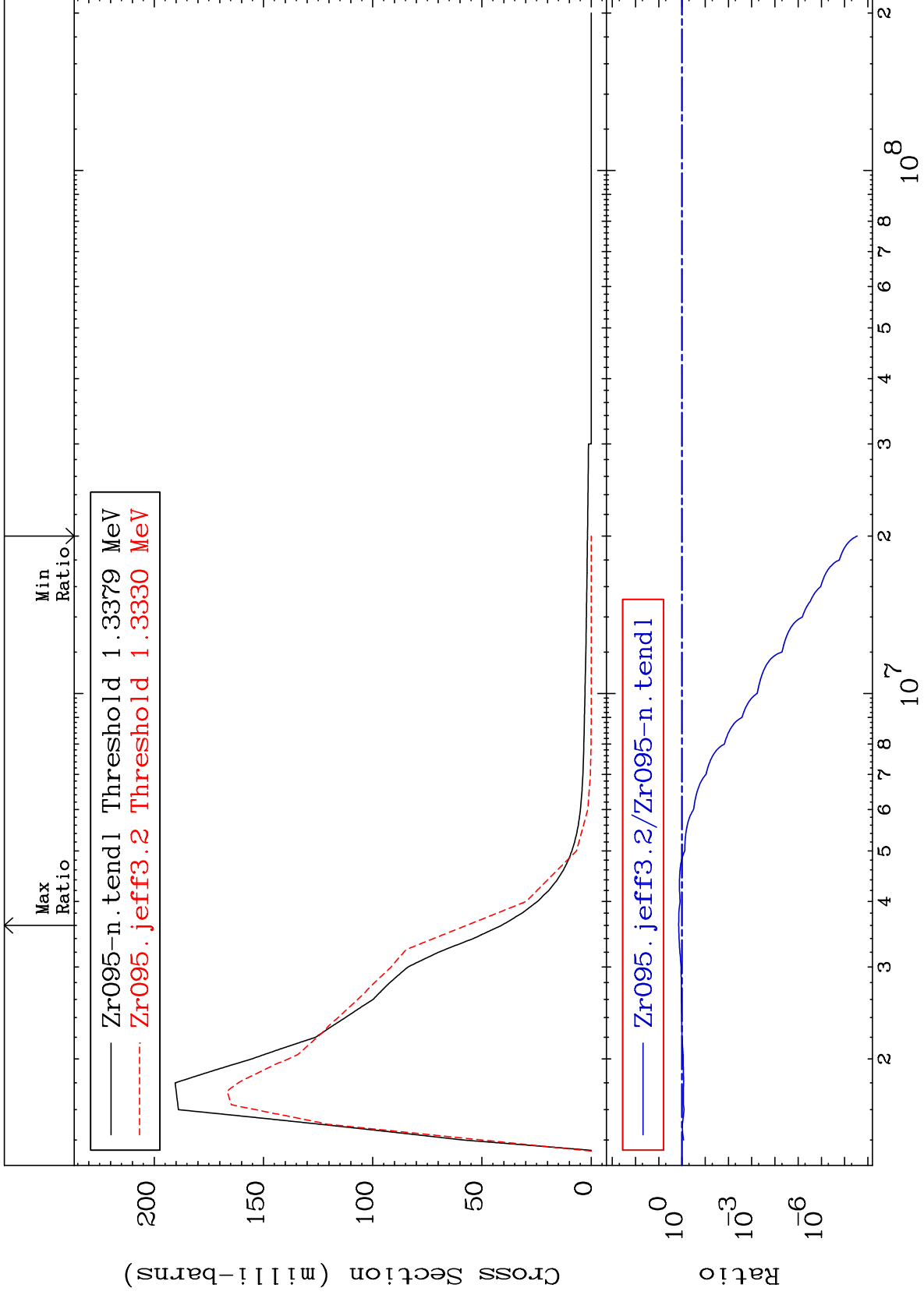
40-Zr-95



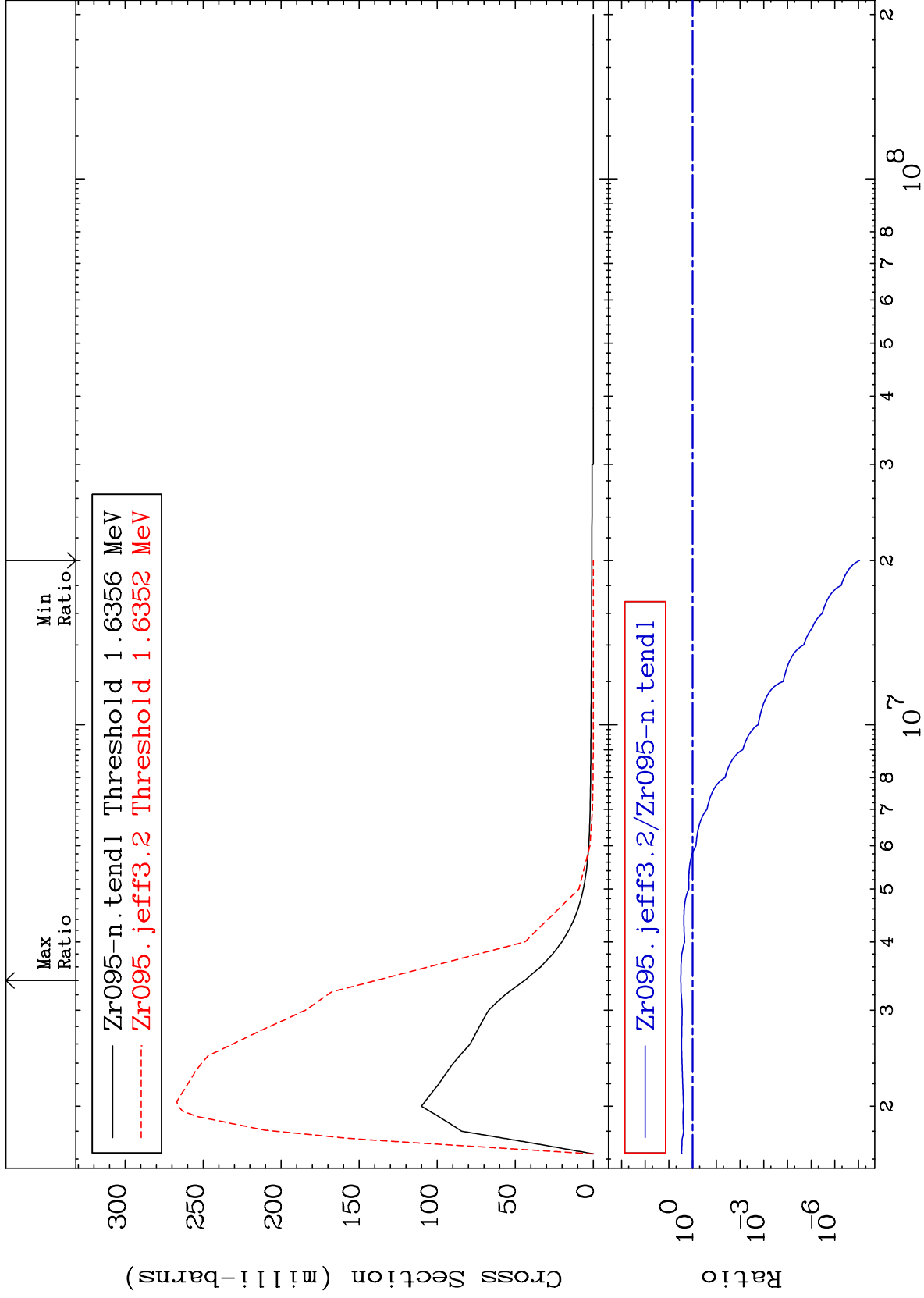
MAT 4040

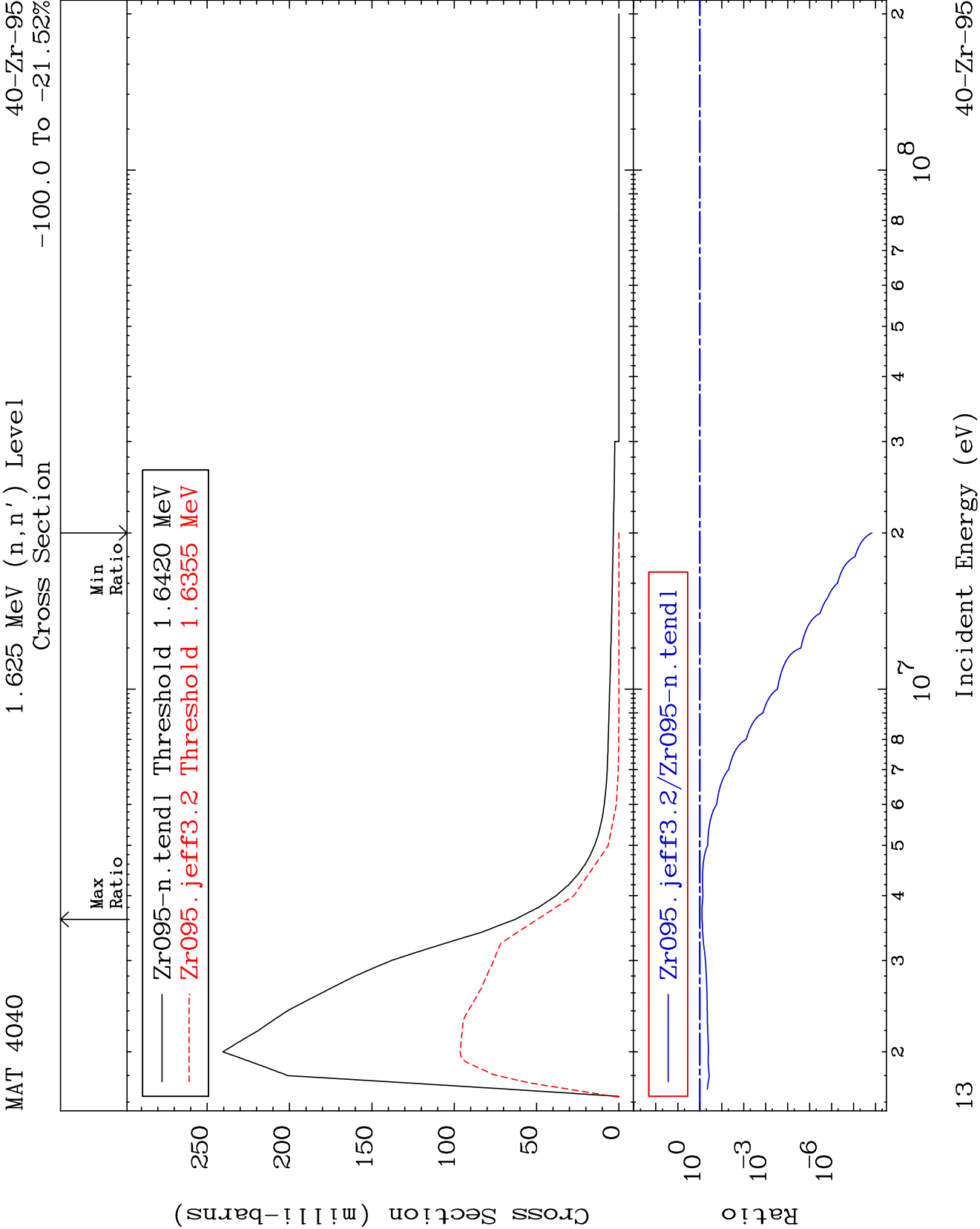
1.324 MeV (n,n') Level  
Cross Section

40-Zr-95  
-100.0 To 39.18 %



MAT 4040 1.618 MeV (n,n') Level Cross Section 40-Zr-95 -100.0 To 216.4 %

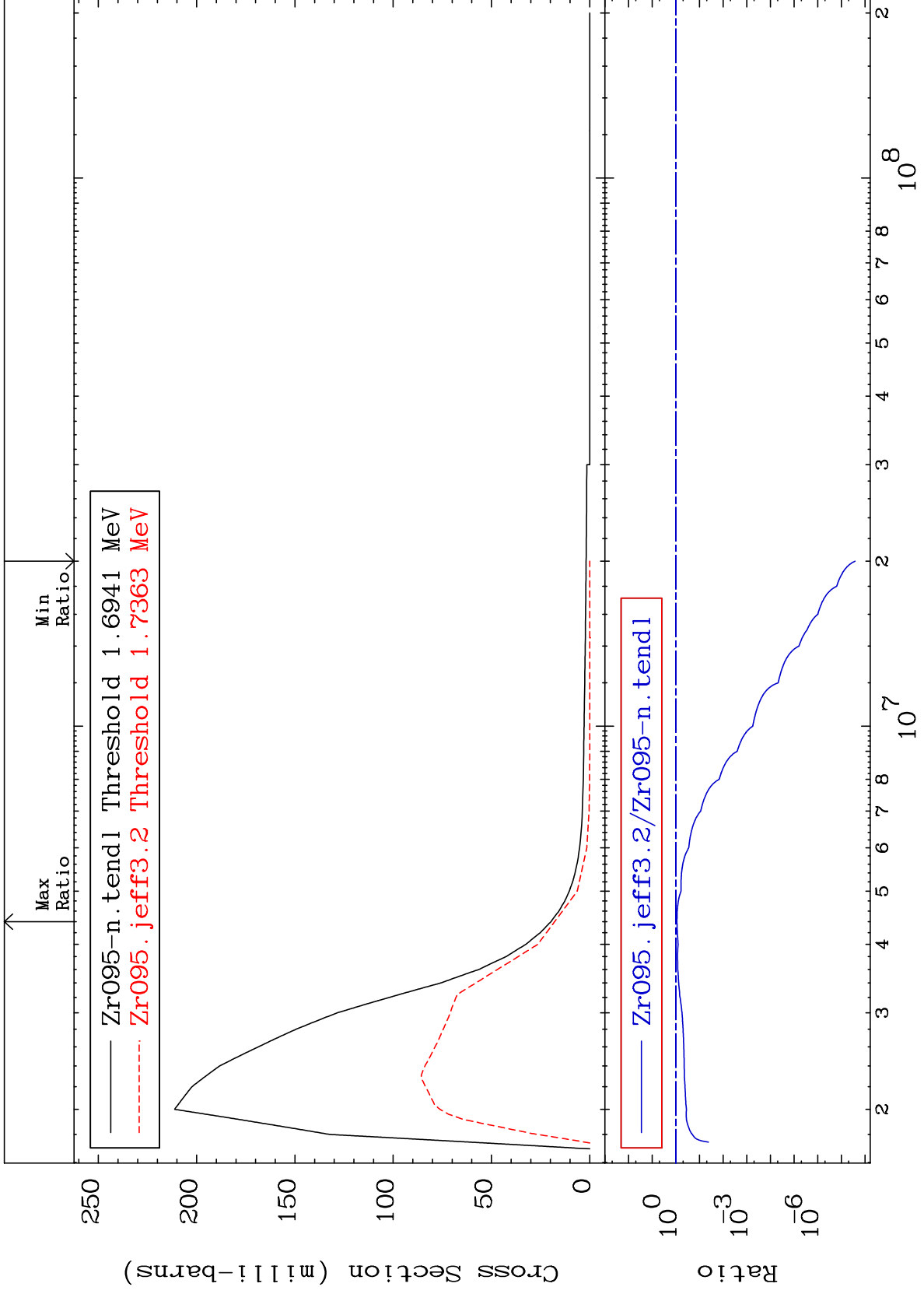




MAT 4040

1.676 MeV (n,n') Level  
Cross Section

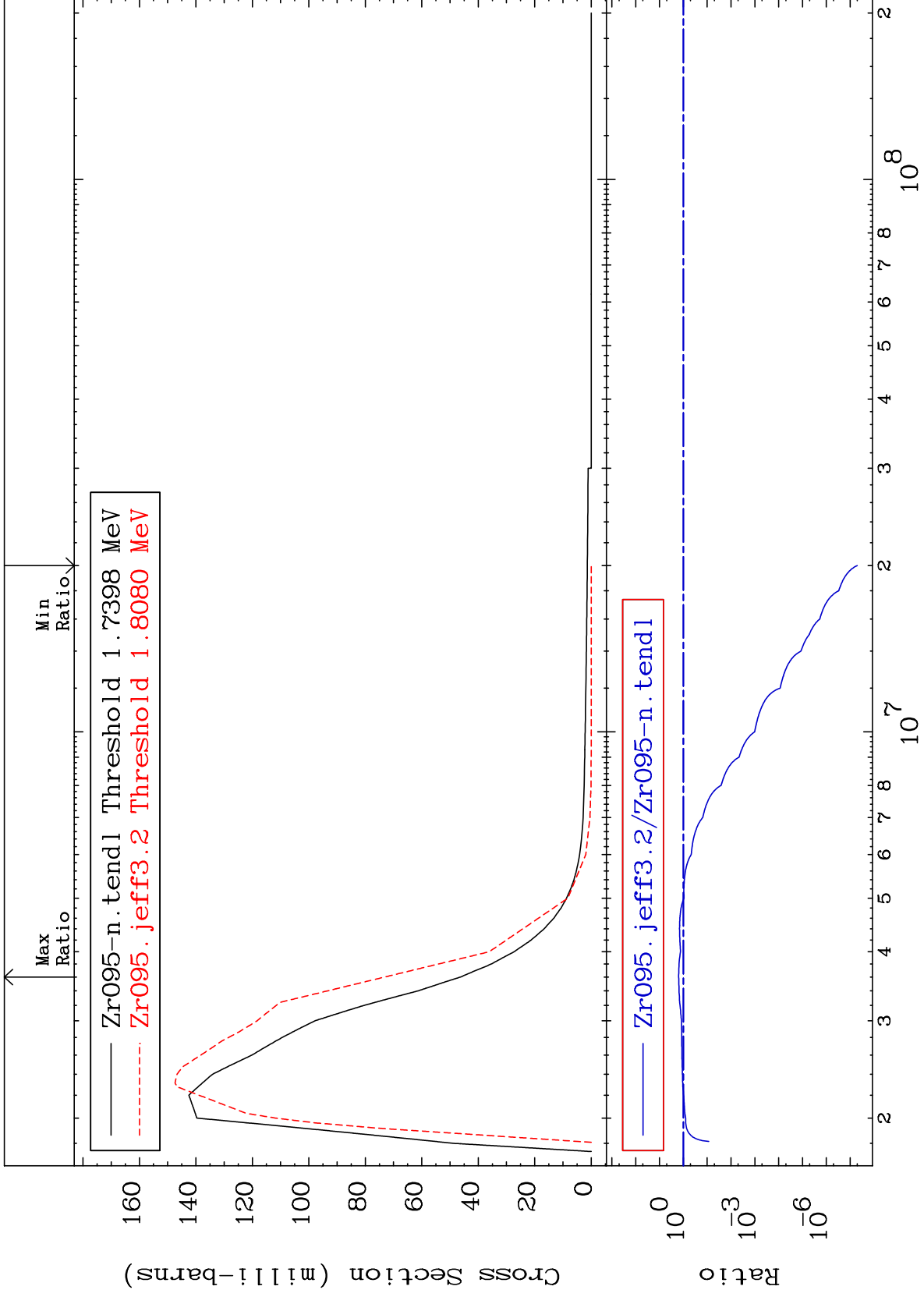
40-Zr-95  
-100.0 To -9.506%



MAT 4040

1.722 MeV (n,n') Level  
Cross Section

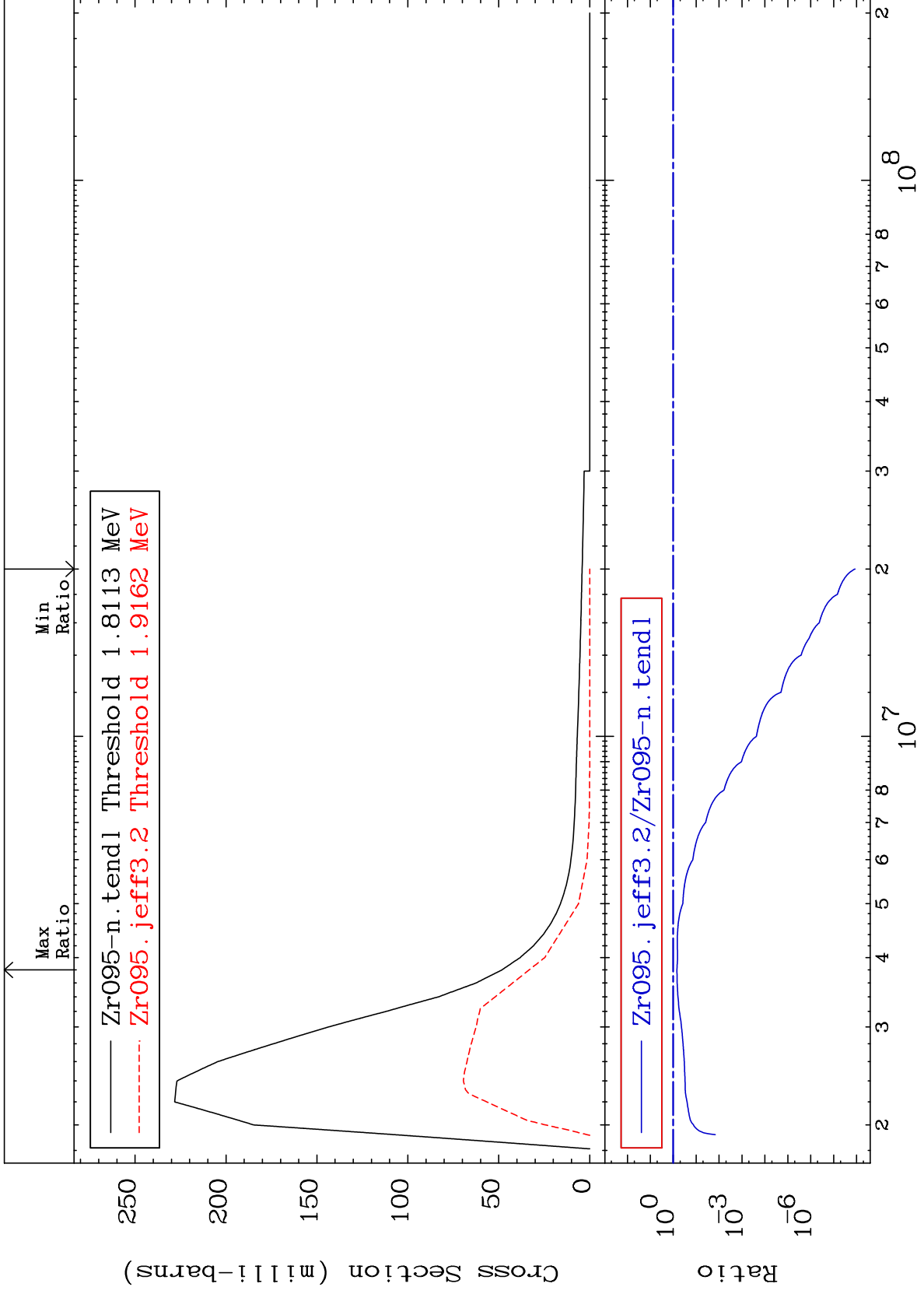
40-Zr-95  
-100.0 To 57.99 %



MAT 4040

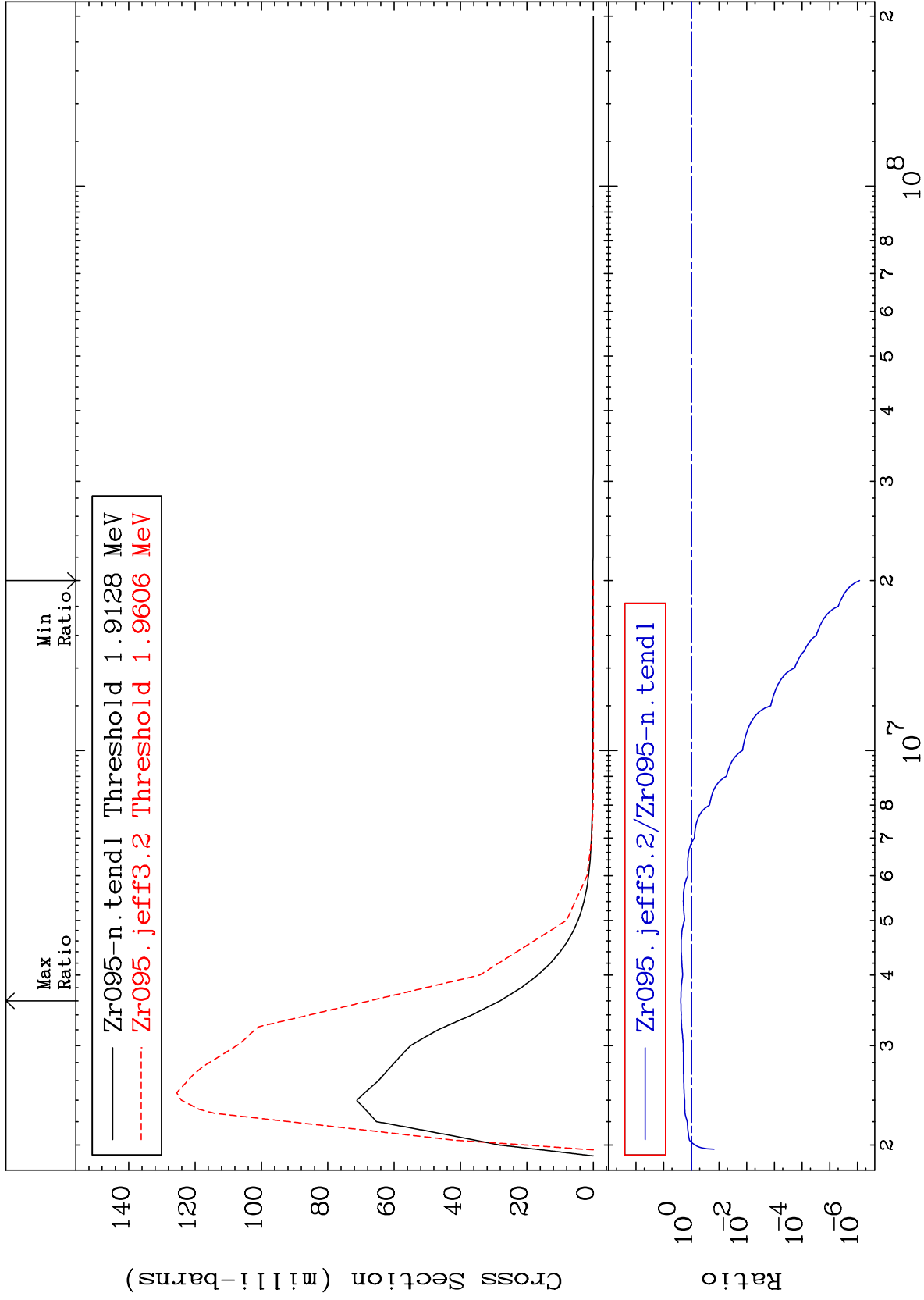
1.792 MeV (n,n') Level  
Cross Section

40-Zr-95  
-100.0 To -30.94%





MAT 4040 1.893 MeV (n,n') Level Cross Section 40-Zr-95 -100.0 To 140.2 %



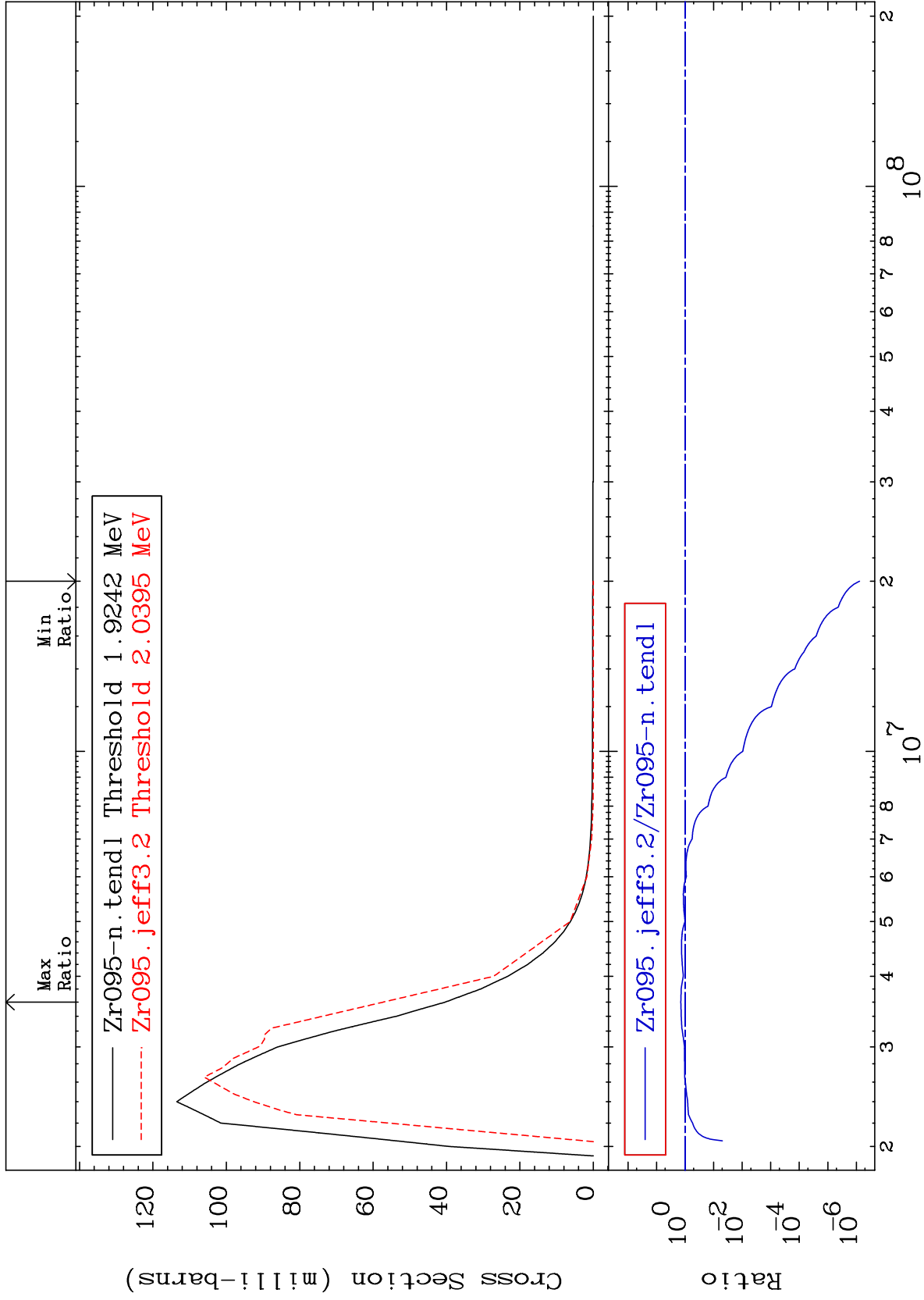
MAT 4040

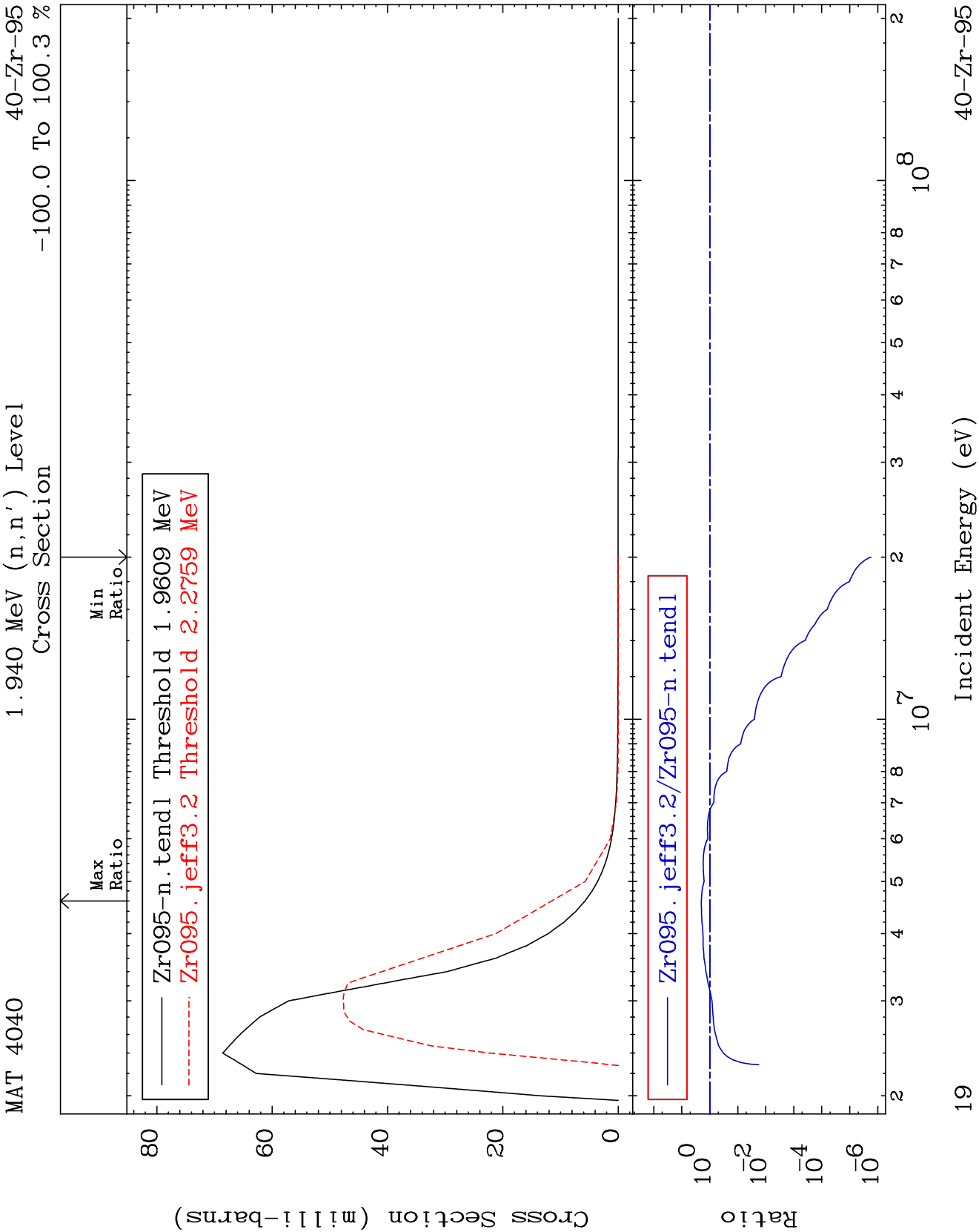
1.904 MeV (n,n') Level

40-Zr-95

-100.0 To 42.04 %

Cross Section

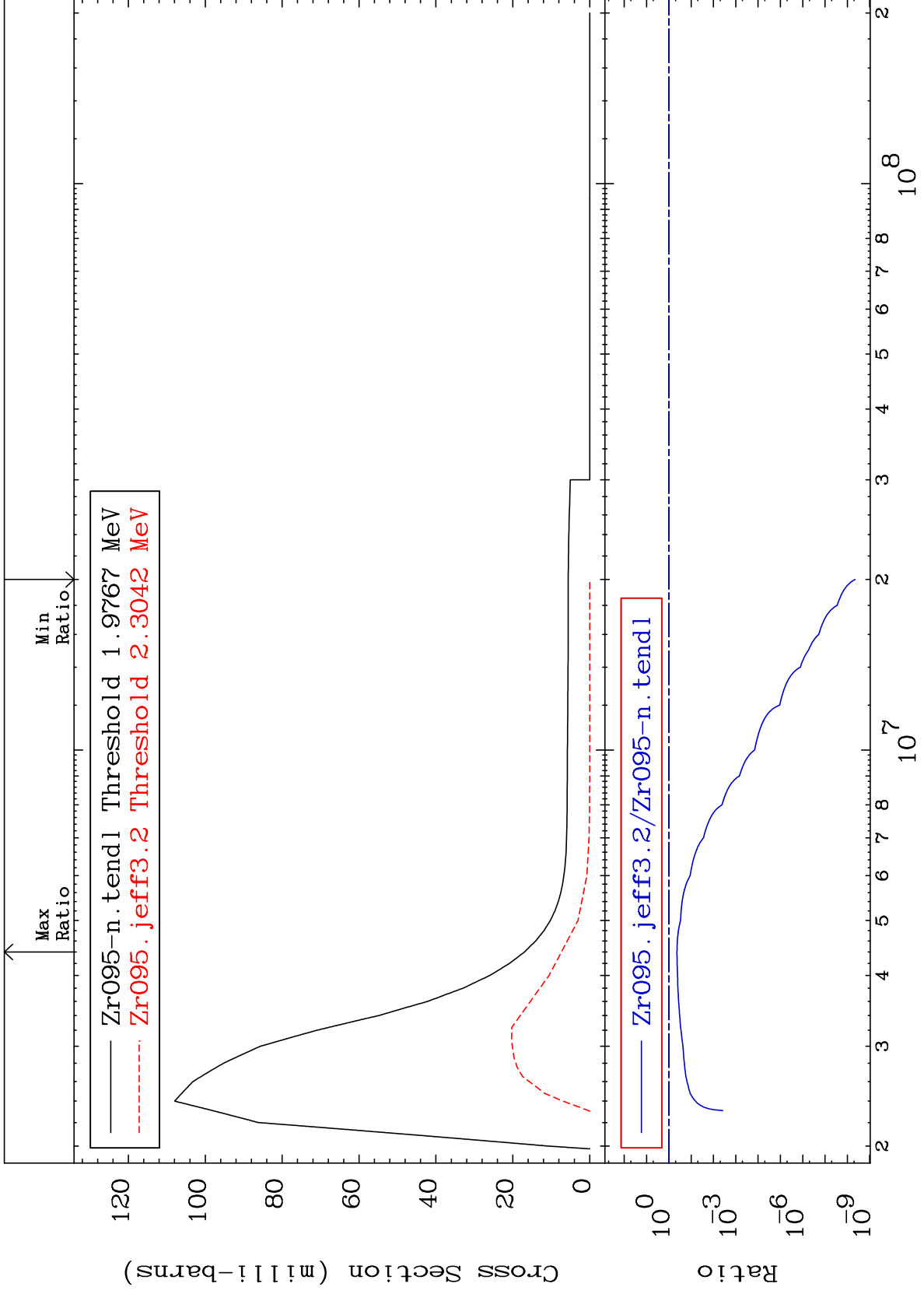




MAT 4040

1.956 MeV (n,n') Level  
Cross Section

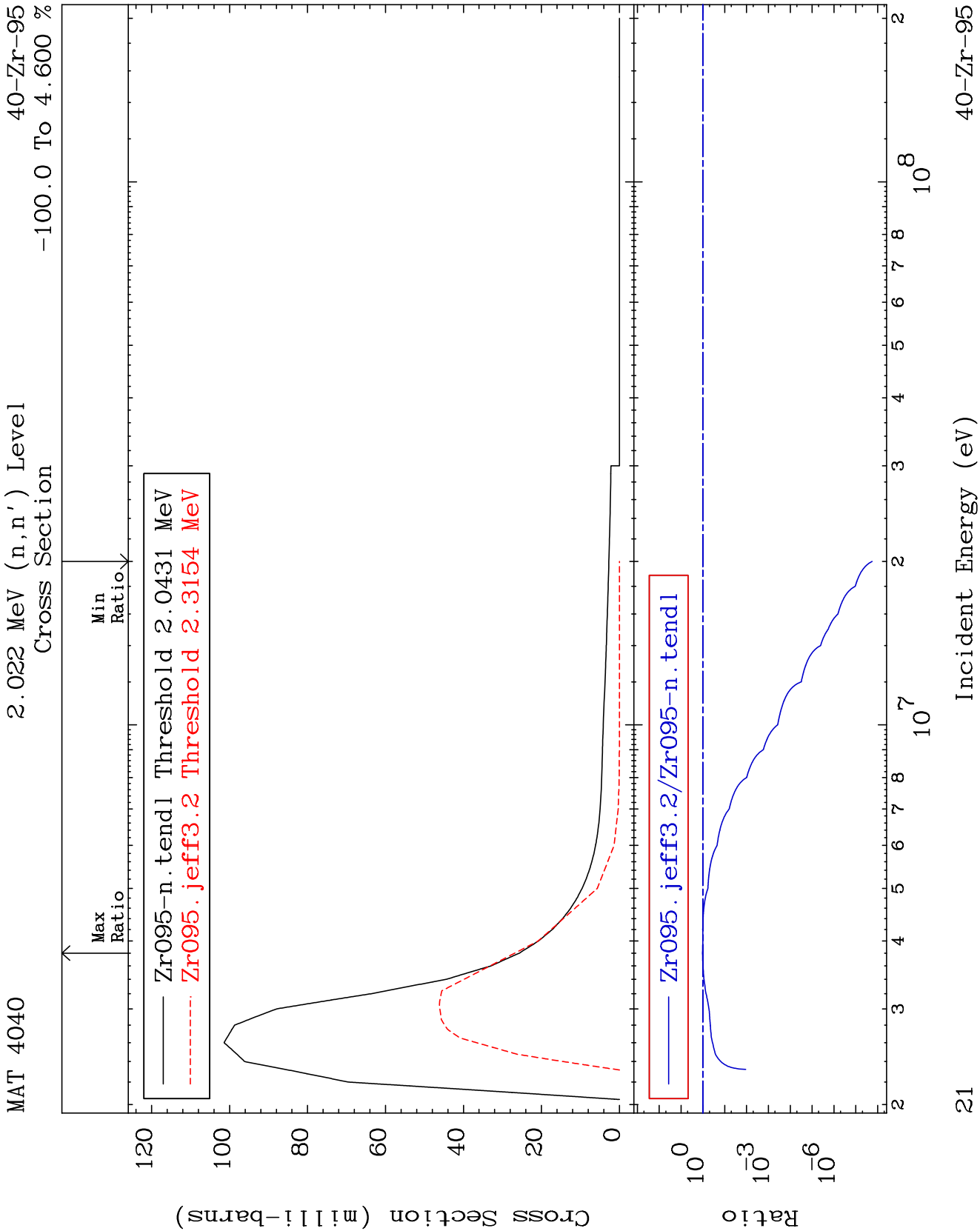
40-Zr-95  
-100.0 To -56.62%

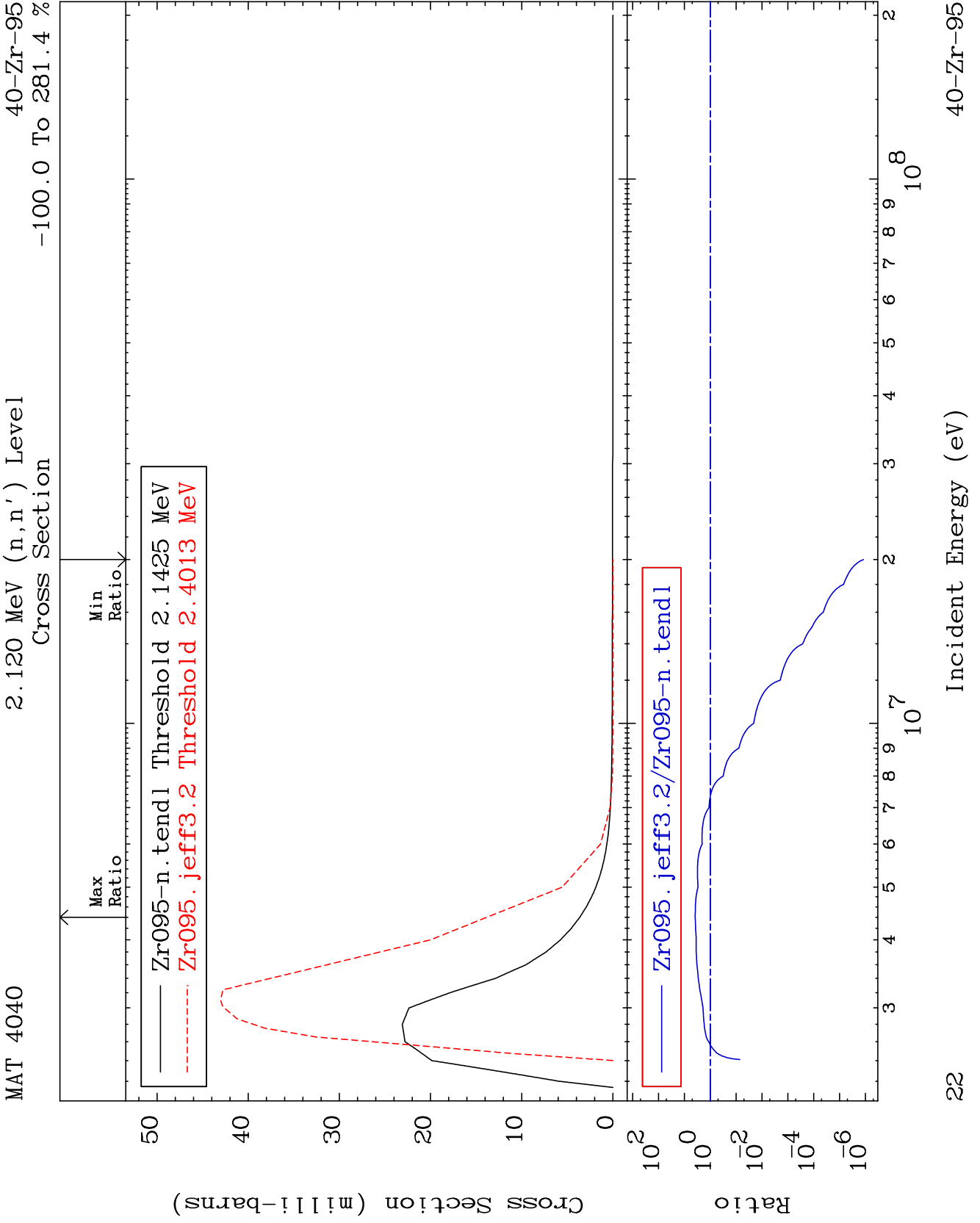


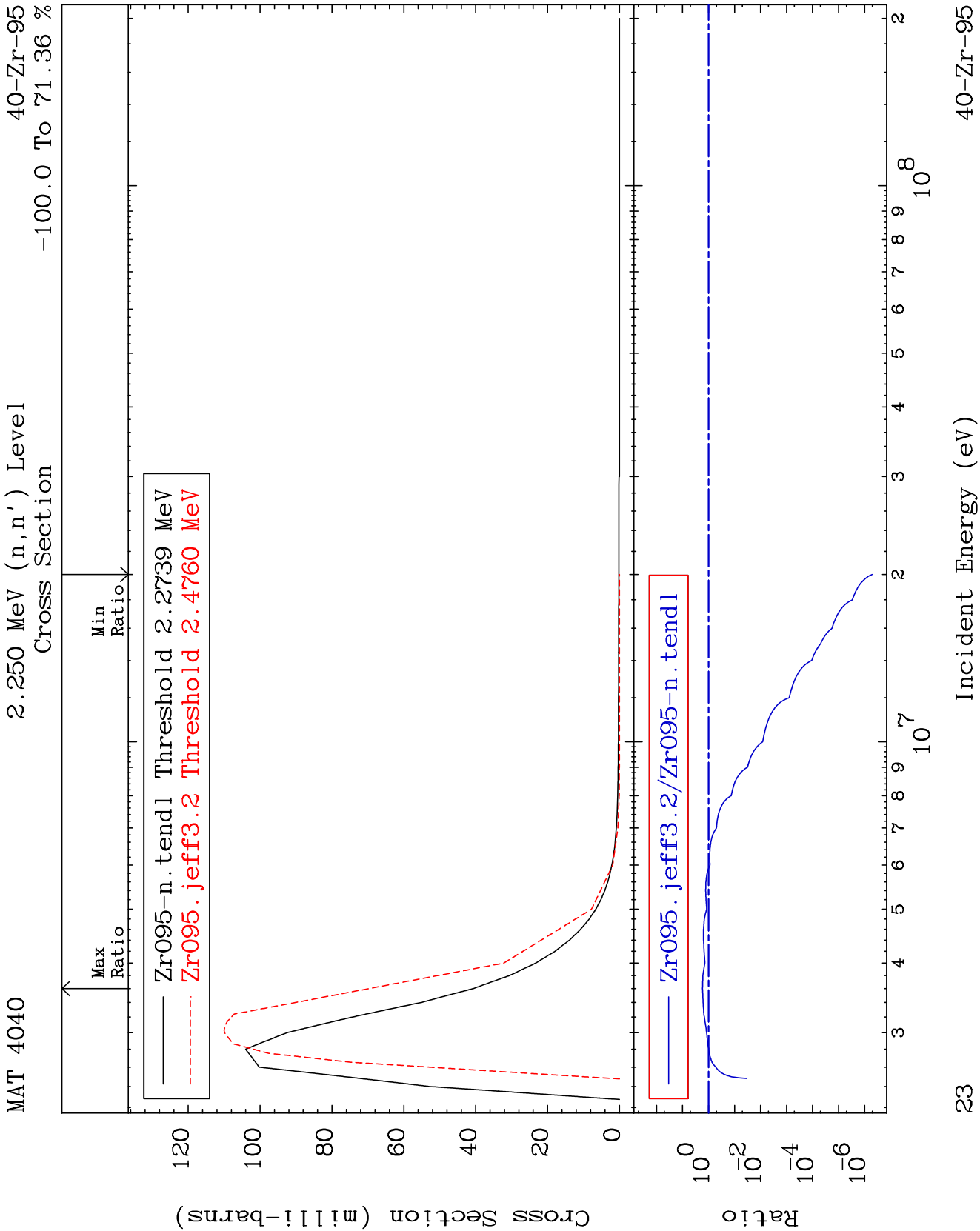
20

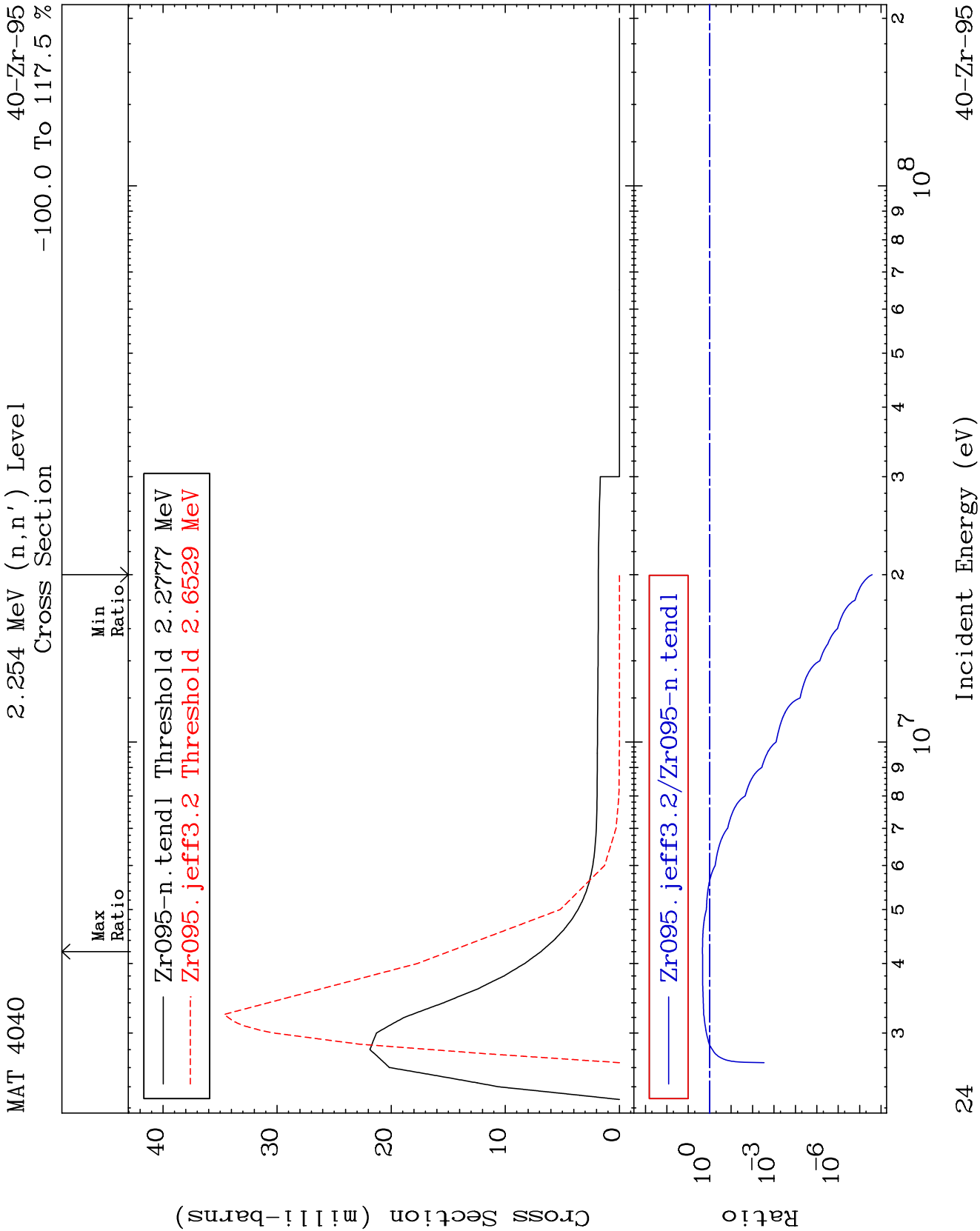
Incident Energy (eV)

40-Zr-95

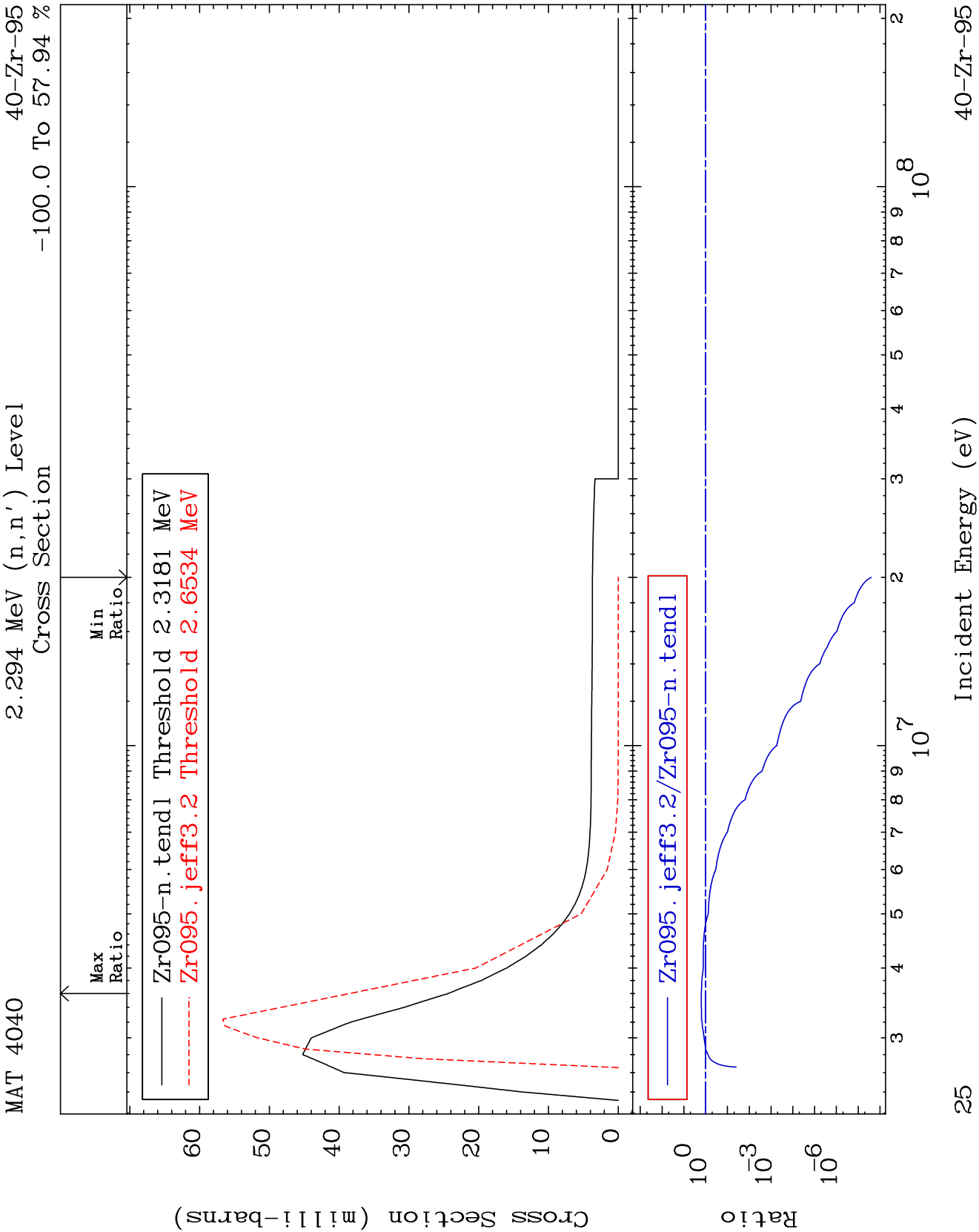


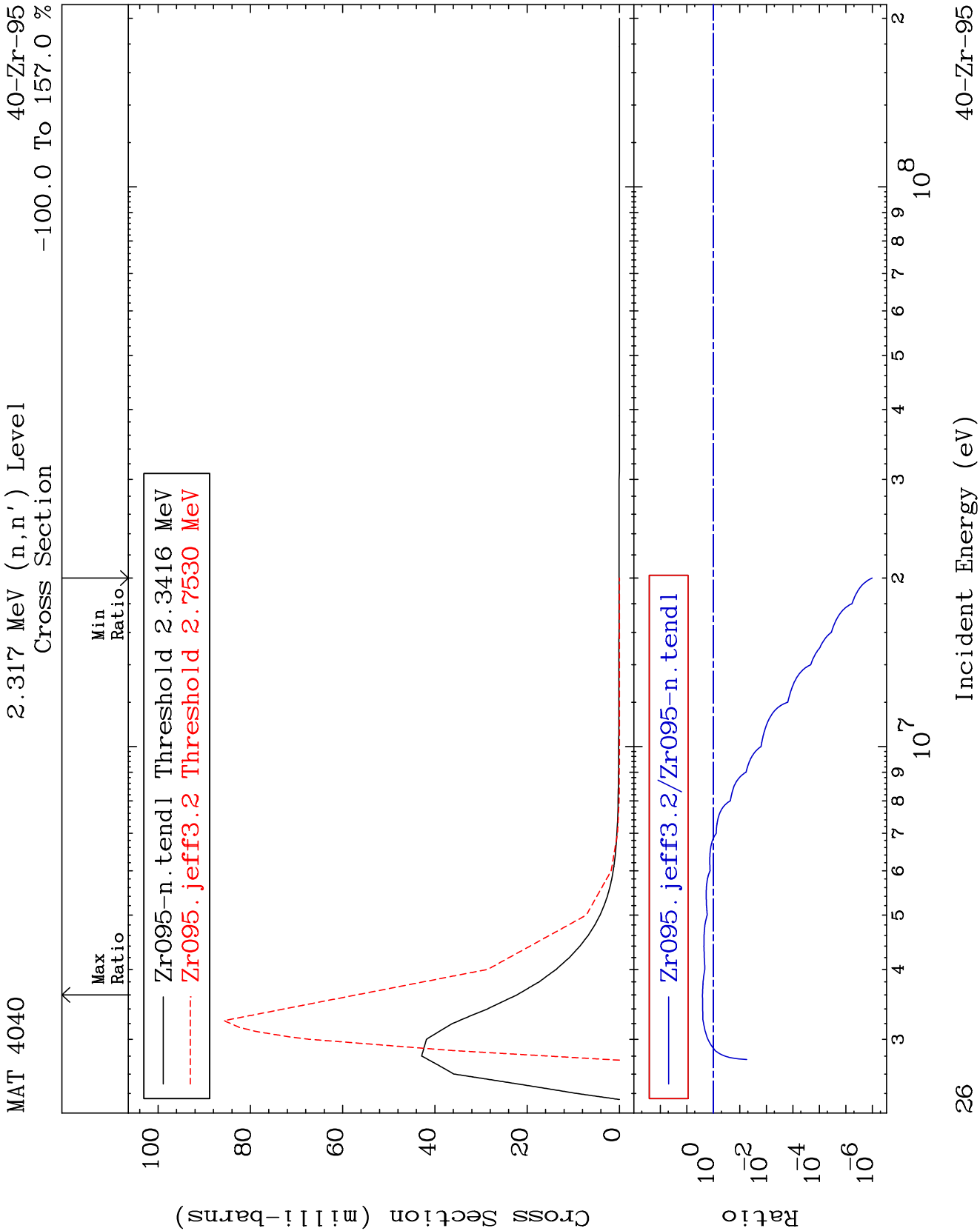








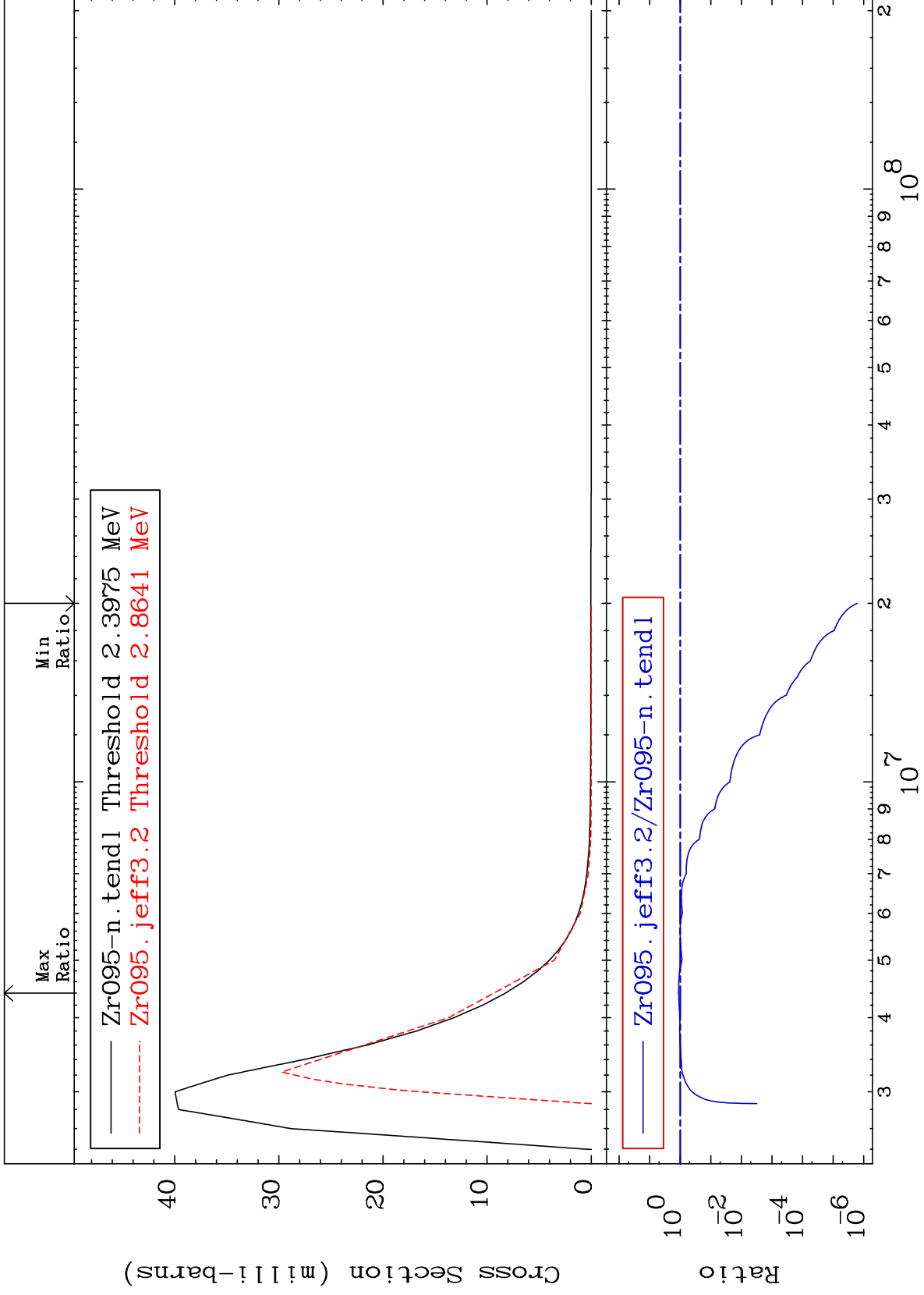




MAT 4040

2.372 MeV (n,n') Level  
Cross Section

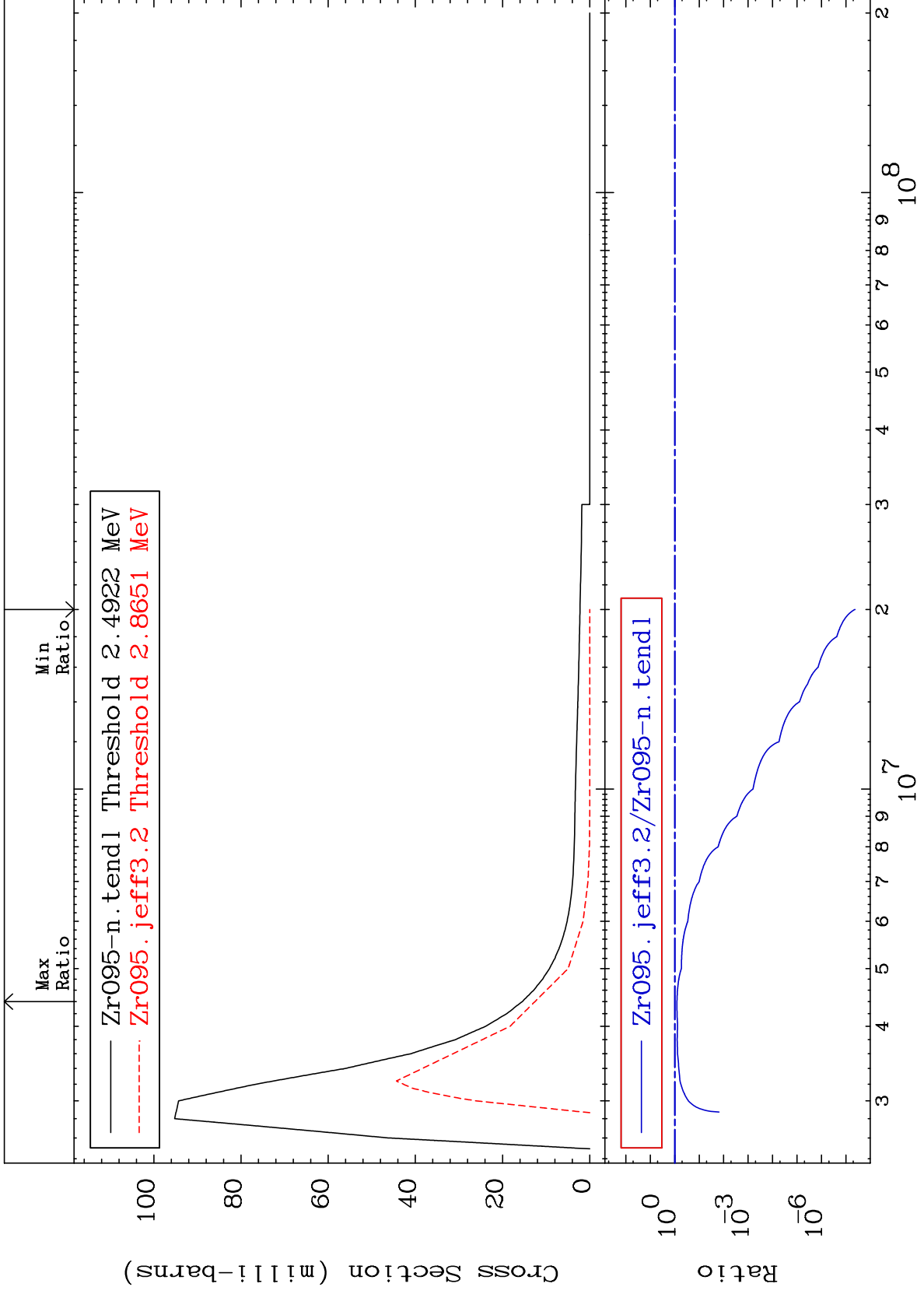
40-Zr-95  
-100.0 To 13.69 %



MAT 4040

2.466 MeV (n,n') Level  
Cross Section

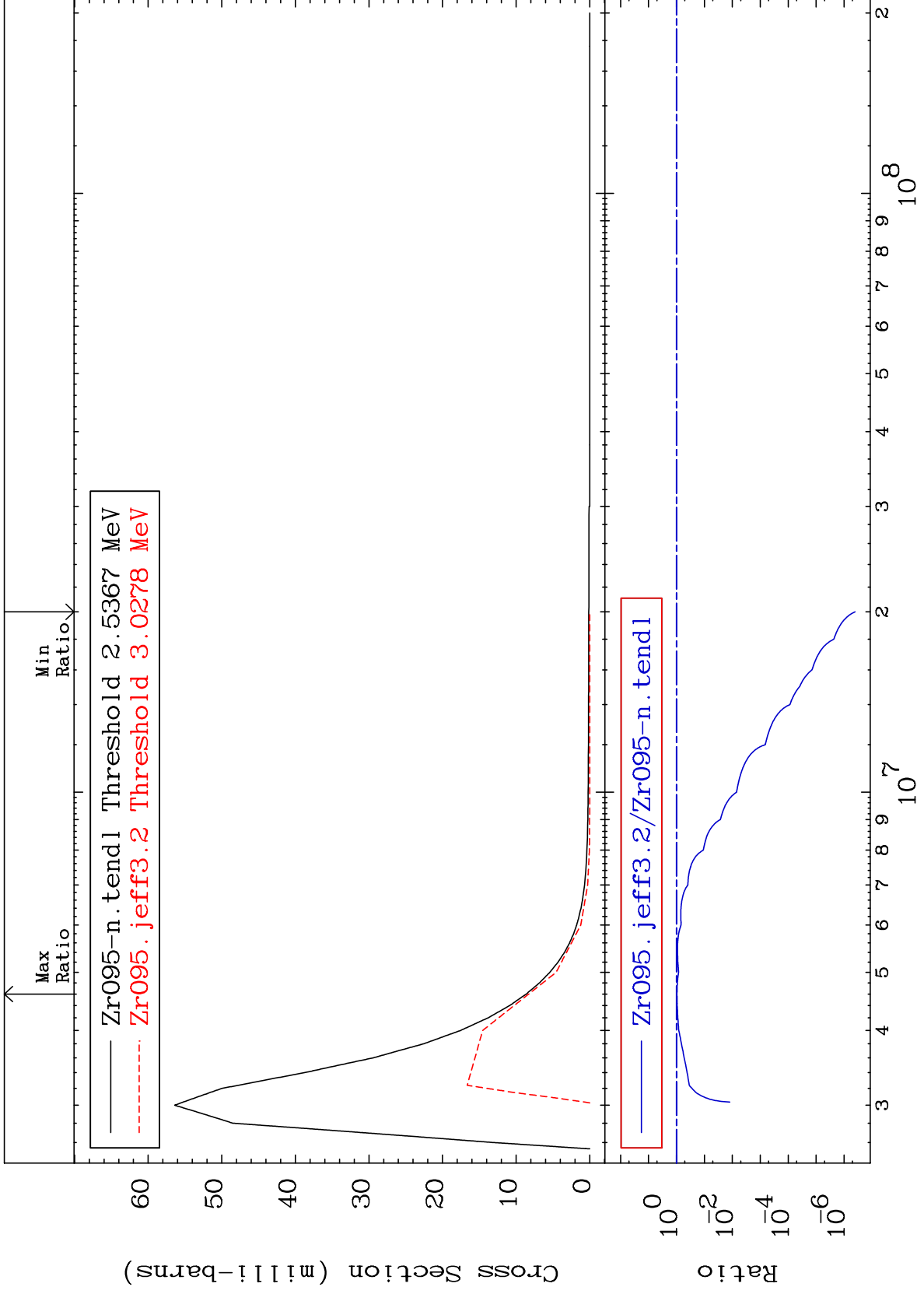
40-Zr-95  
-100.0 To -18.73%



MAT 4040

2.510 MeV (n,n') Level  
Cross Section

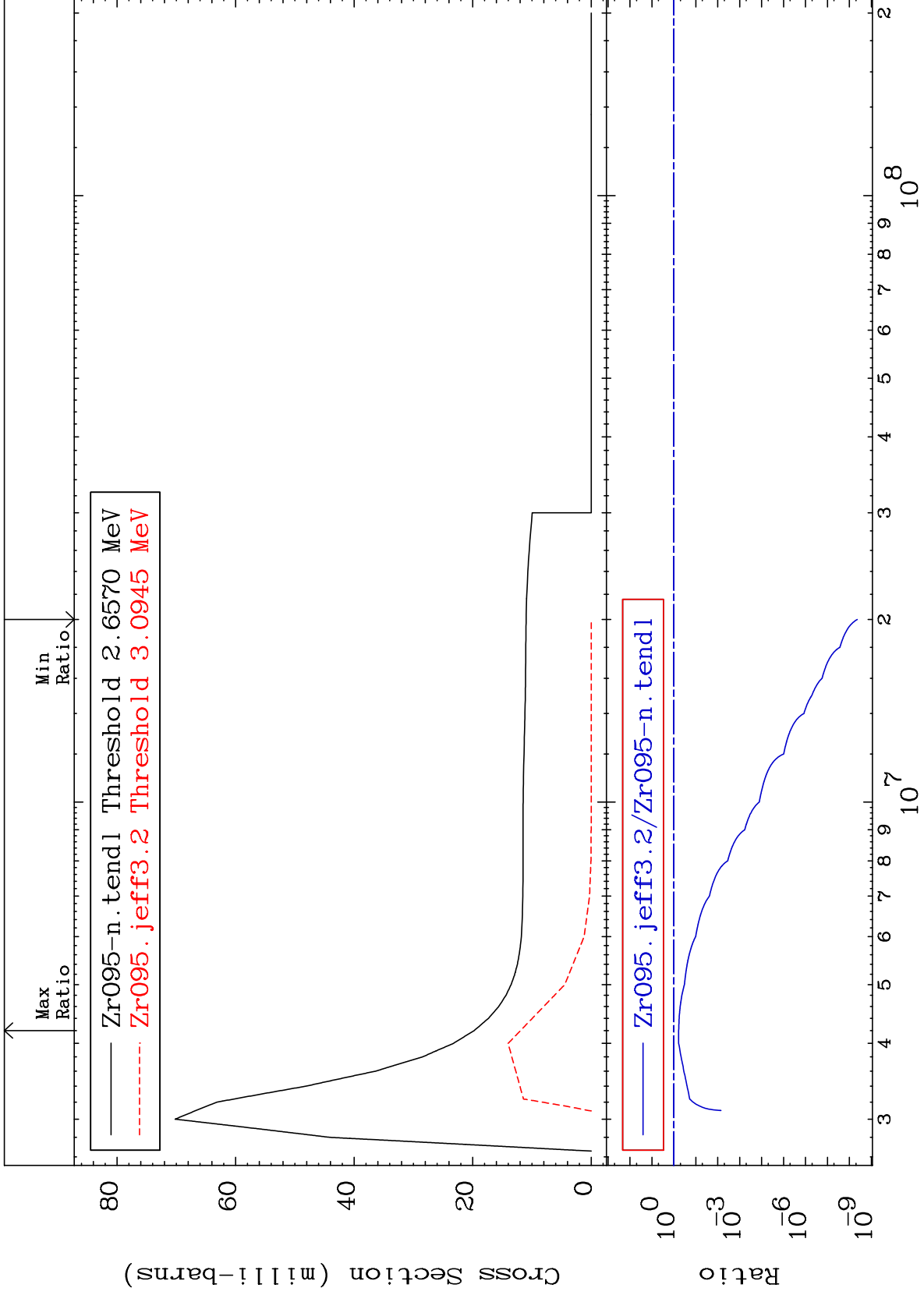
40-Zr-95  
-100.0 To -3.797%



MAT 4040

2.629 MeV (n,n') Level  
Cross Section

40-Zr-95  
-100.0 To -39.56%

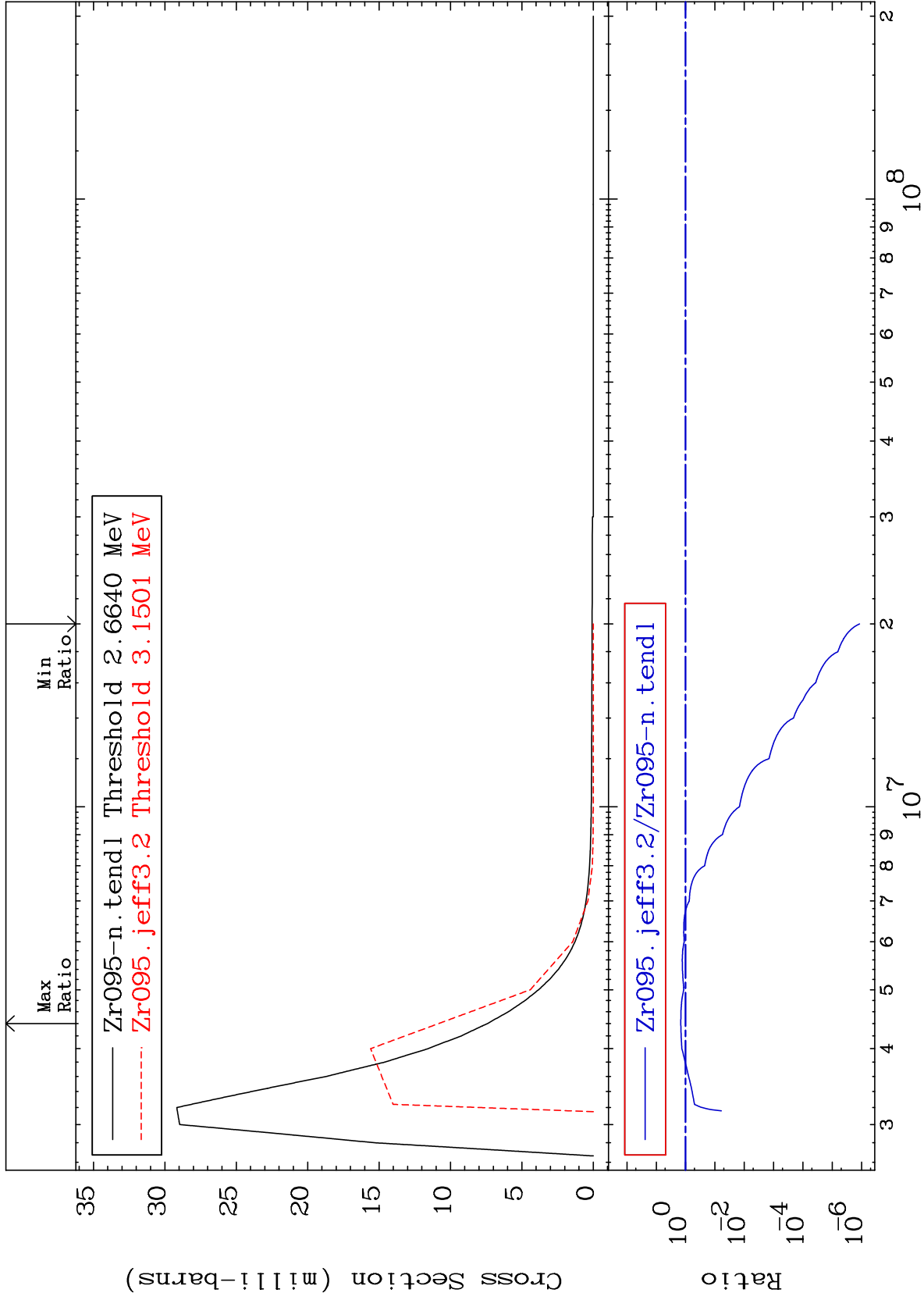


30

Incident Energy (eV)

40-Zr-95

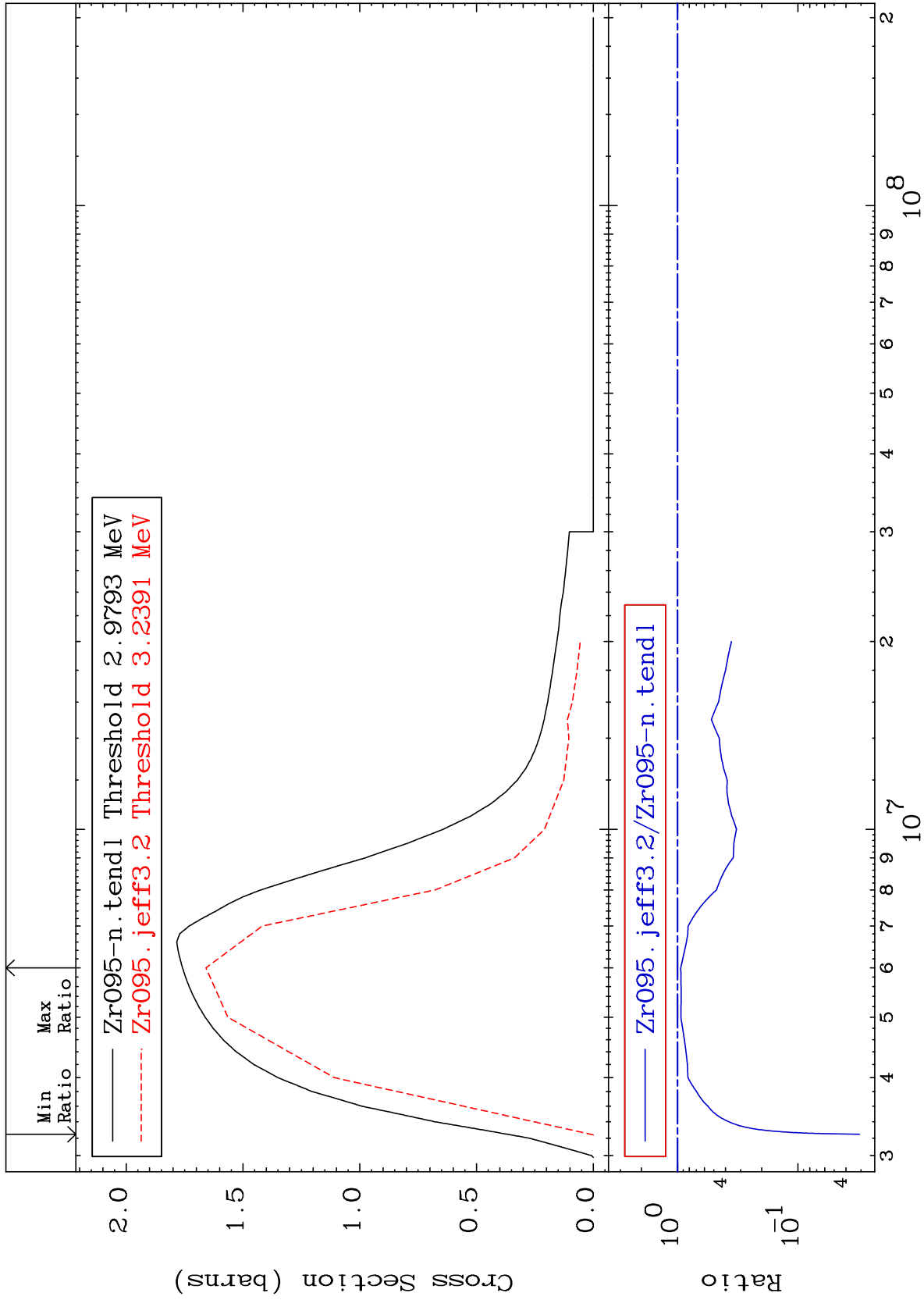
MAT 4040      2.636 MeV (n,n') Level      40-Zr-95  
 Cross Section      -100.0 To 46.22 %



MAT 4040

(n, n') Continuum  
Cross Section

40-Zr-95  
-96.92 To -5.714%



32

40-Zr-95

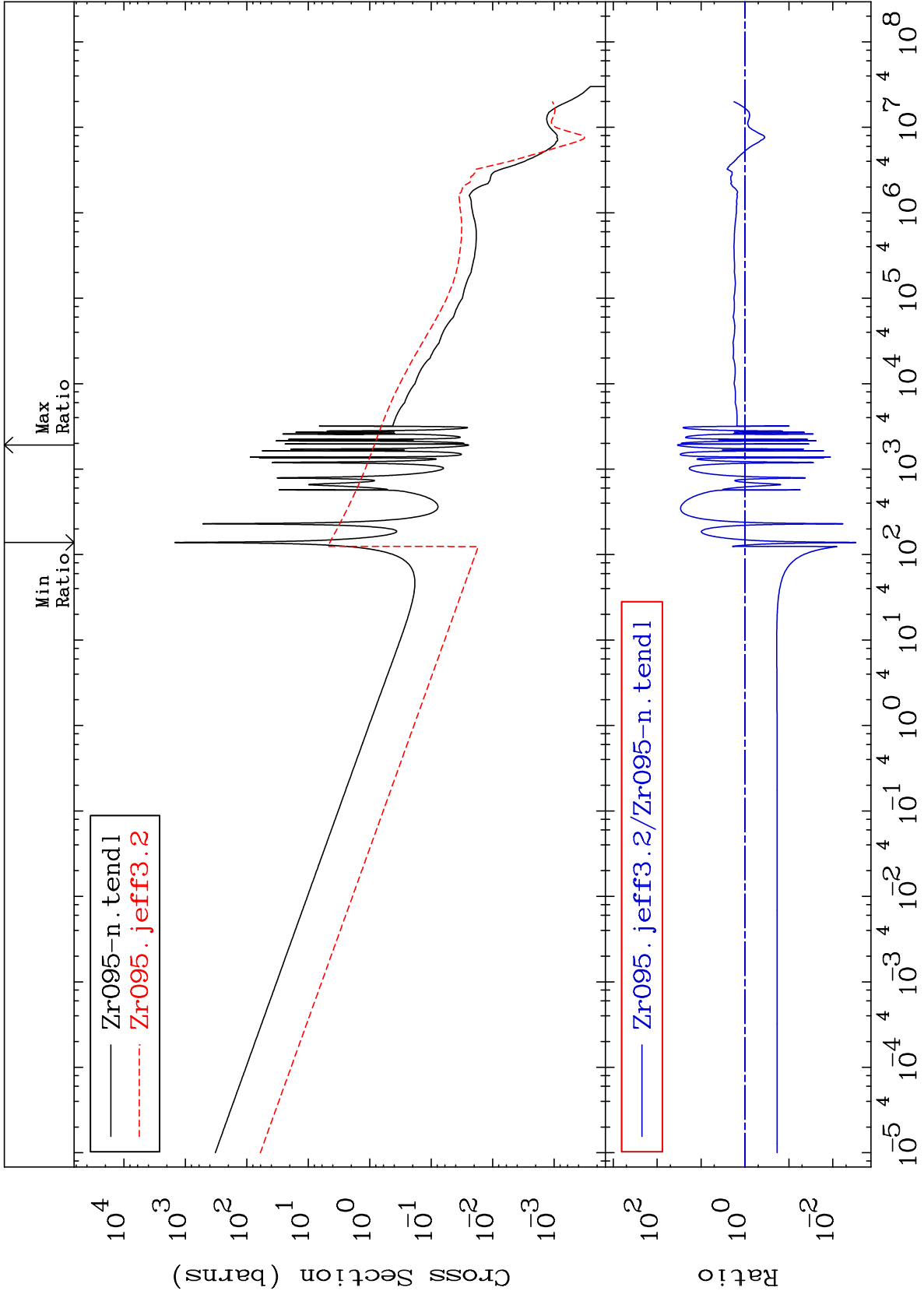
40-Zr-95



MAT 4040

(n,  $\gamma$ )  
Cross Section

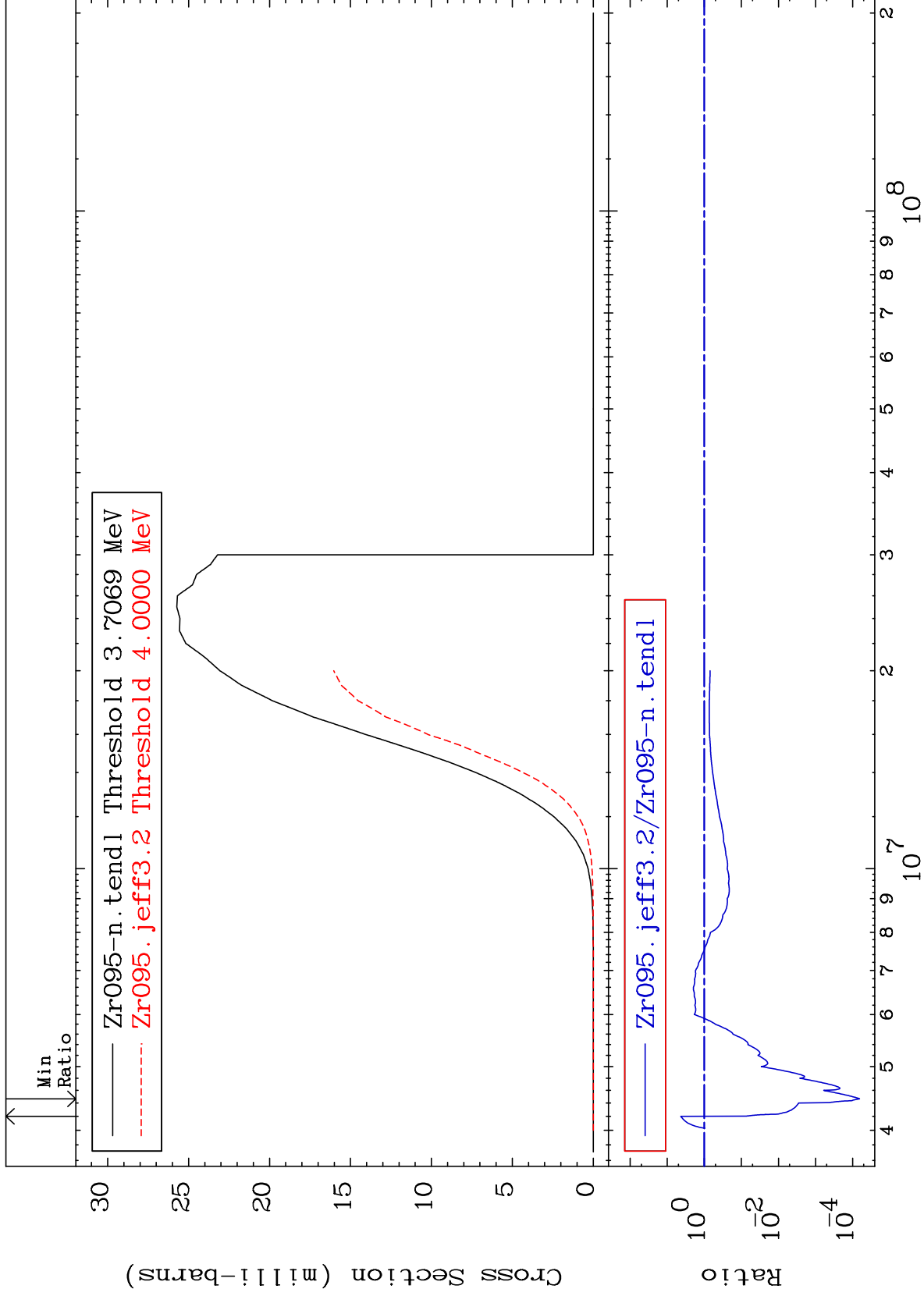
40-Zr-95  
-99.70 To 3339. %



MAT 4040

(n,p)  
Cross Section

40-Zr-95  
-99.99 To 331.4 %



34

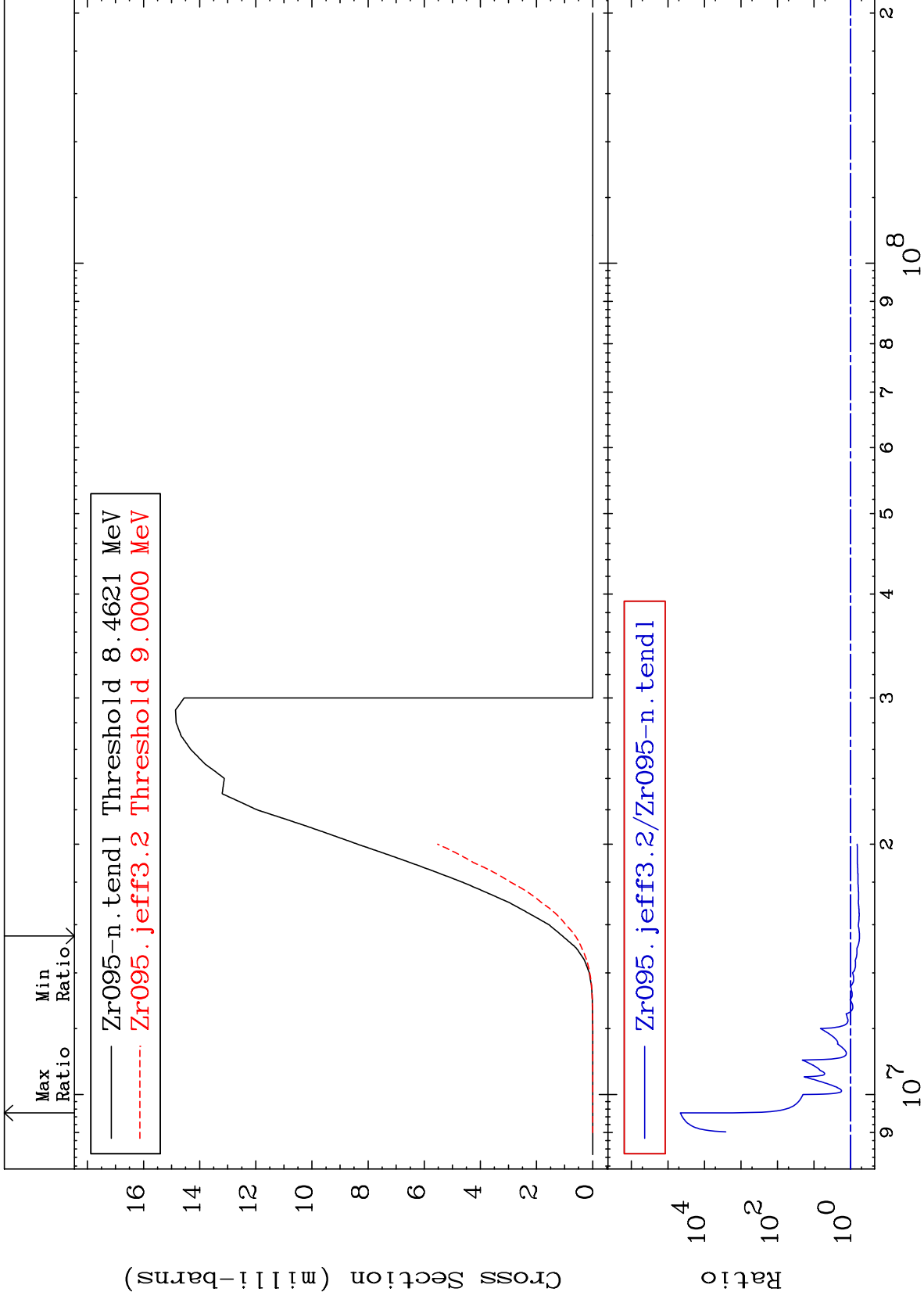
Incident Energy (eV)

40-Zr-95

MAT 4040

(n, d)  
Cross Section

40-Zr-95  
-42.72 To 9999. %



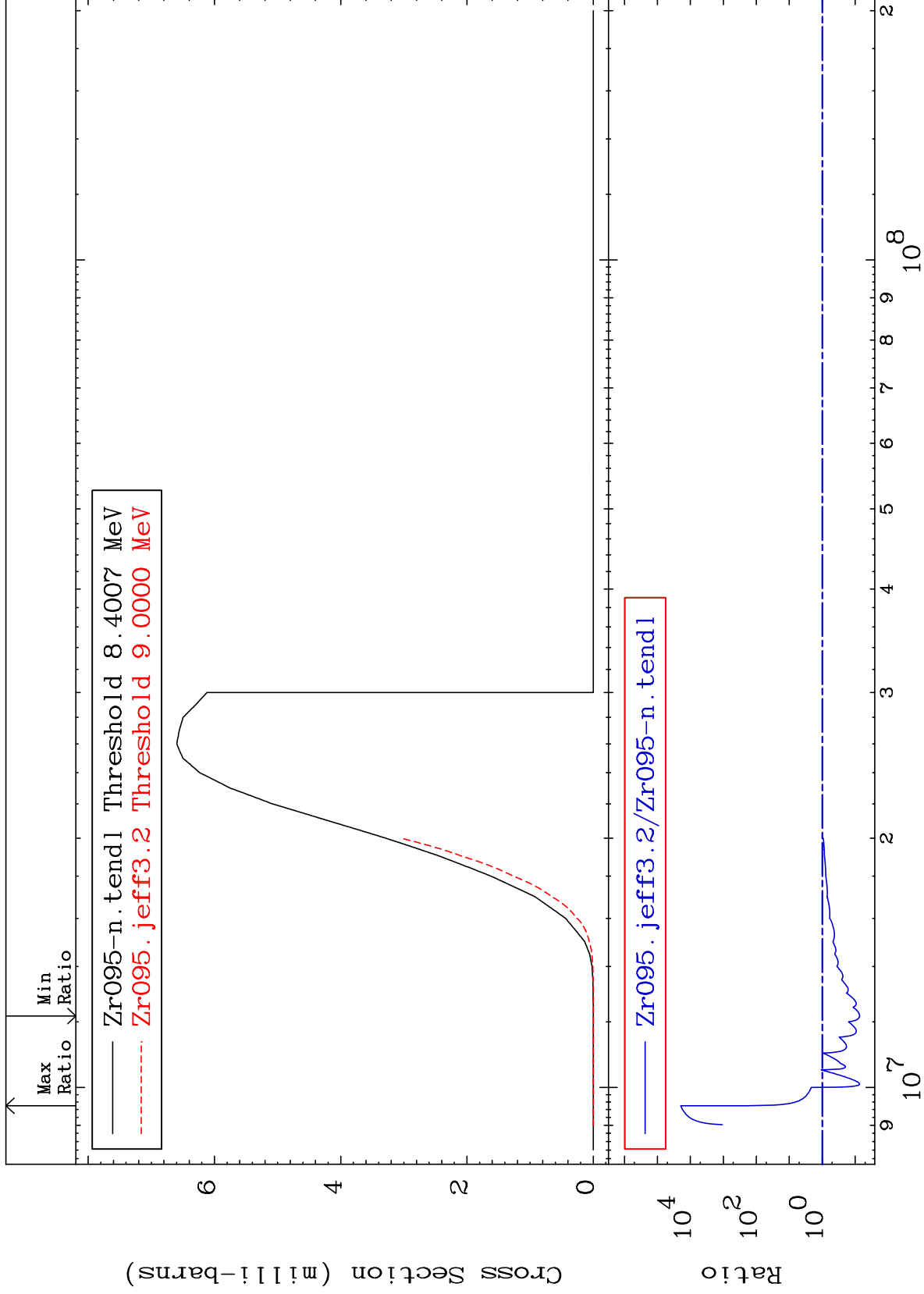
35

40-Zr-95

MAT 4040

(n, t)  
Cross Section

40-Zr-95  
-92.61 To 9999. %



36

40-Zr-95

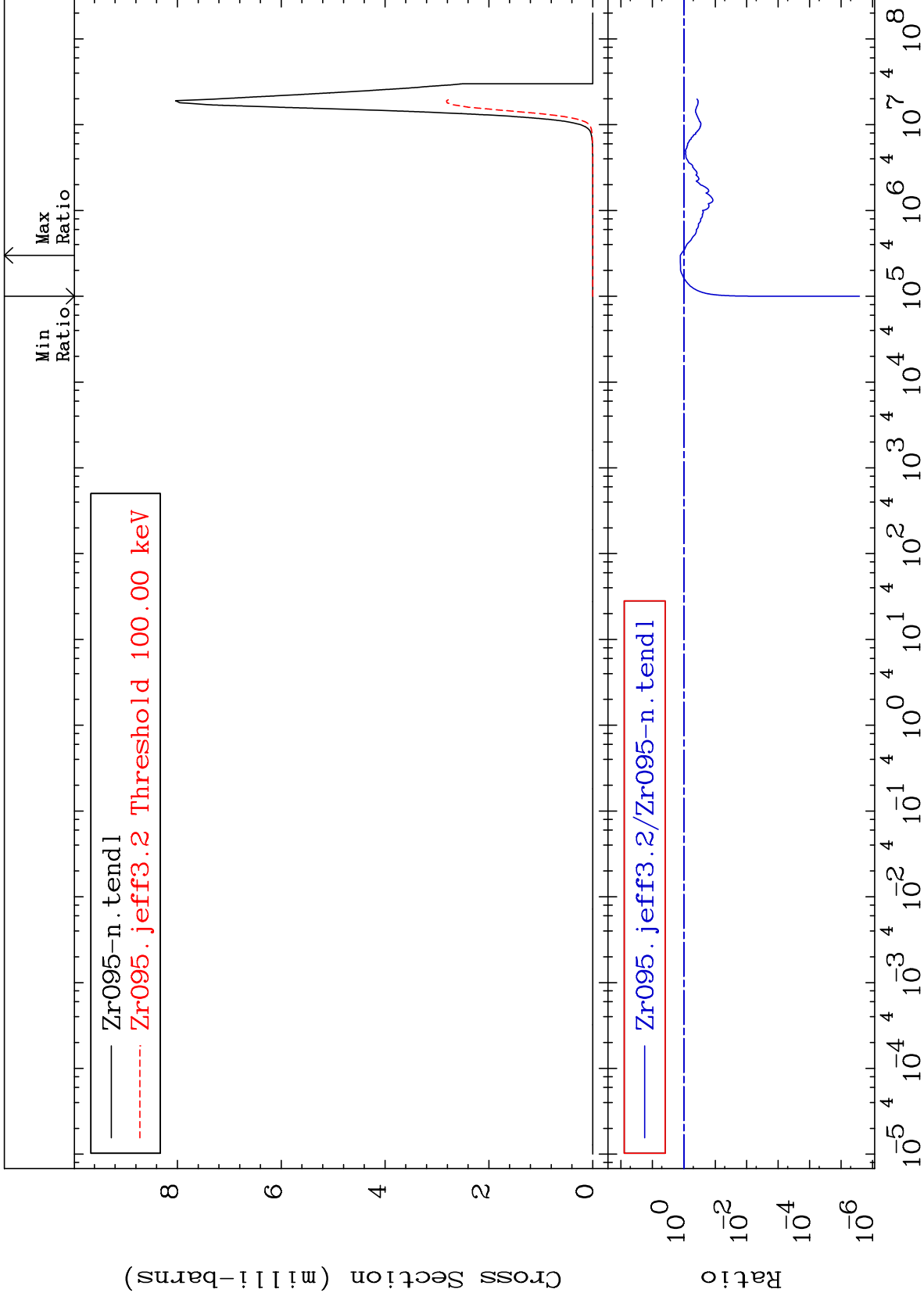
MAT 4040

(n,  $\alpha$ )

40-Zr-95

Cross Section

-100.0 To 28.40 %



37

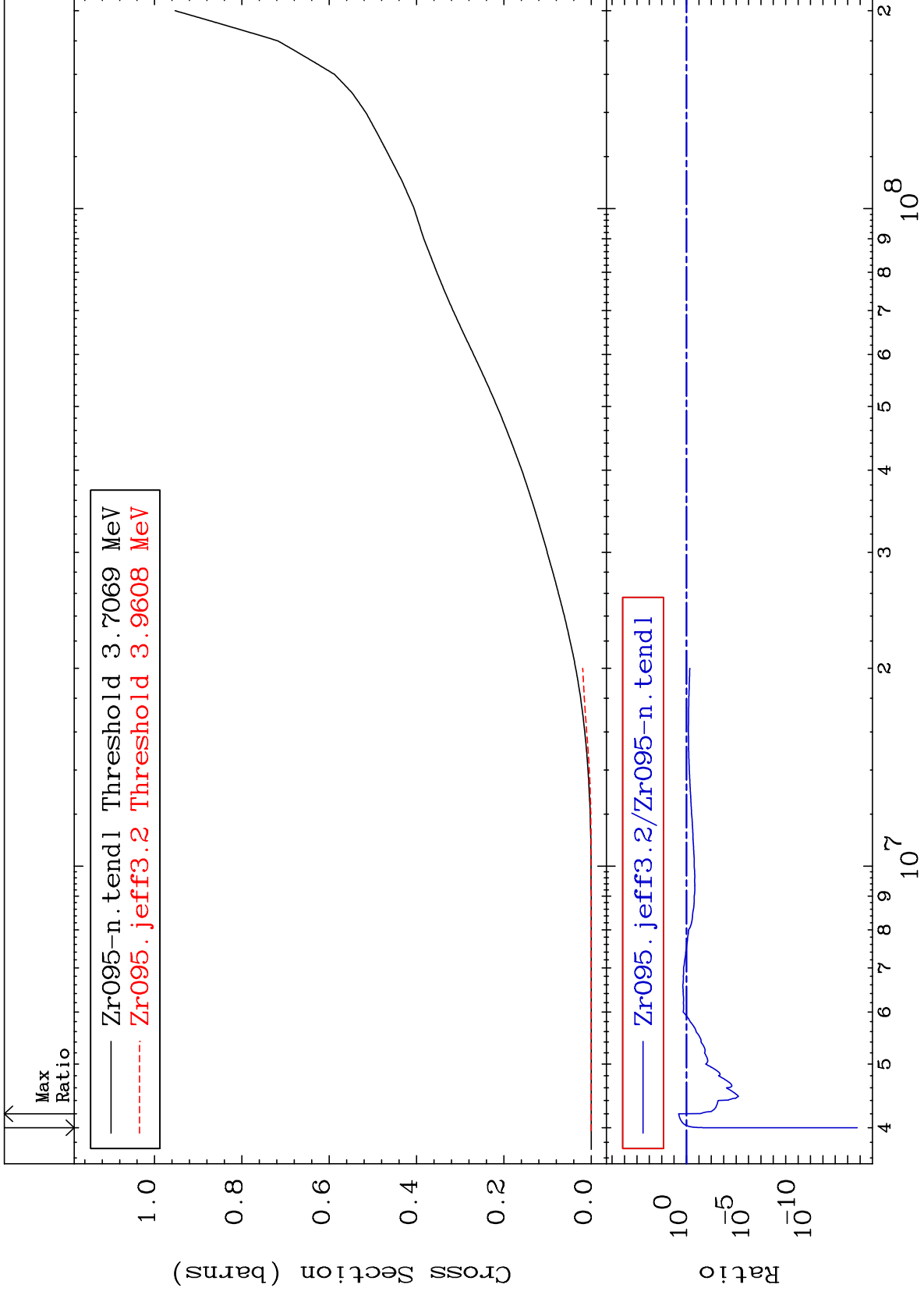
Incident Energy (eV)

40-Zr-95

MAT 4040

Hydrogen Production  
Cross Section

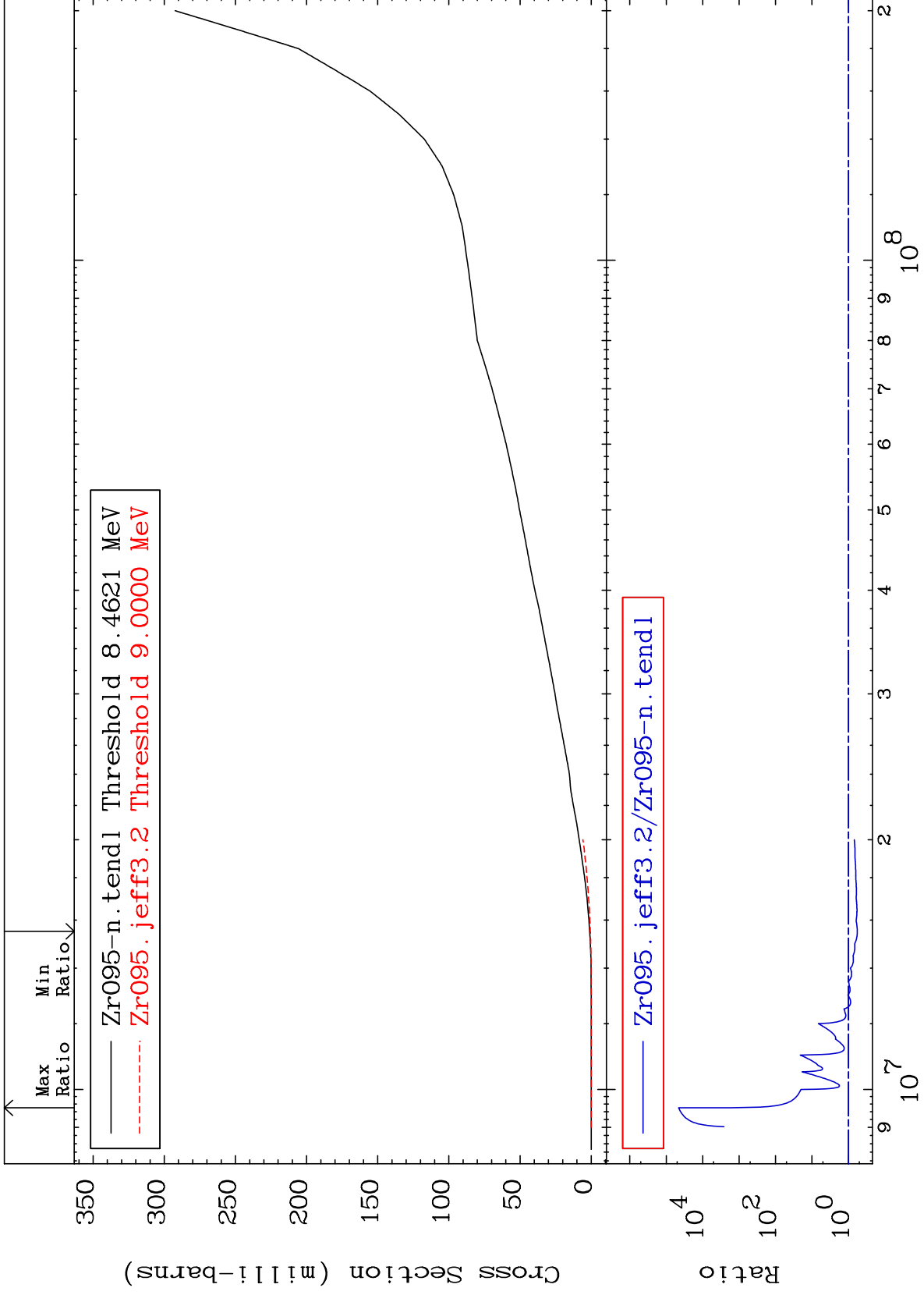
40-Zr-95  
-100.0 To 331.4 %



MAT 4040

Deuterium Production  
Cross Section

40-Zr-95  
-42.72 To 9999. %



39

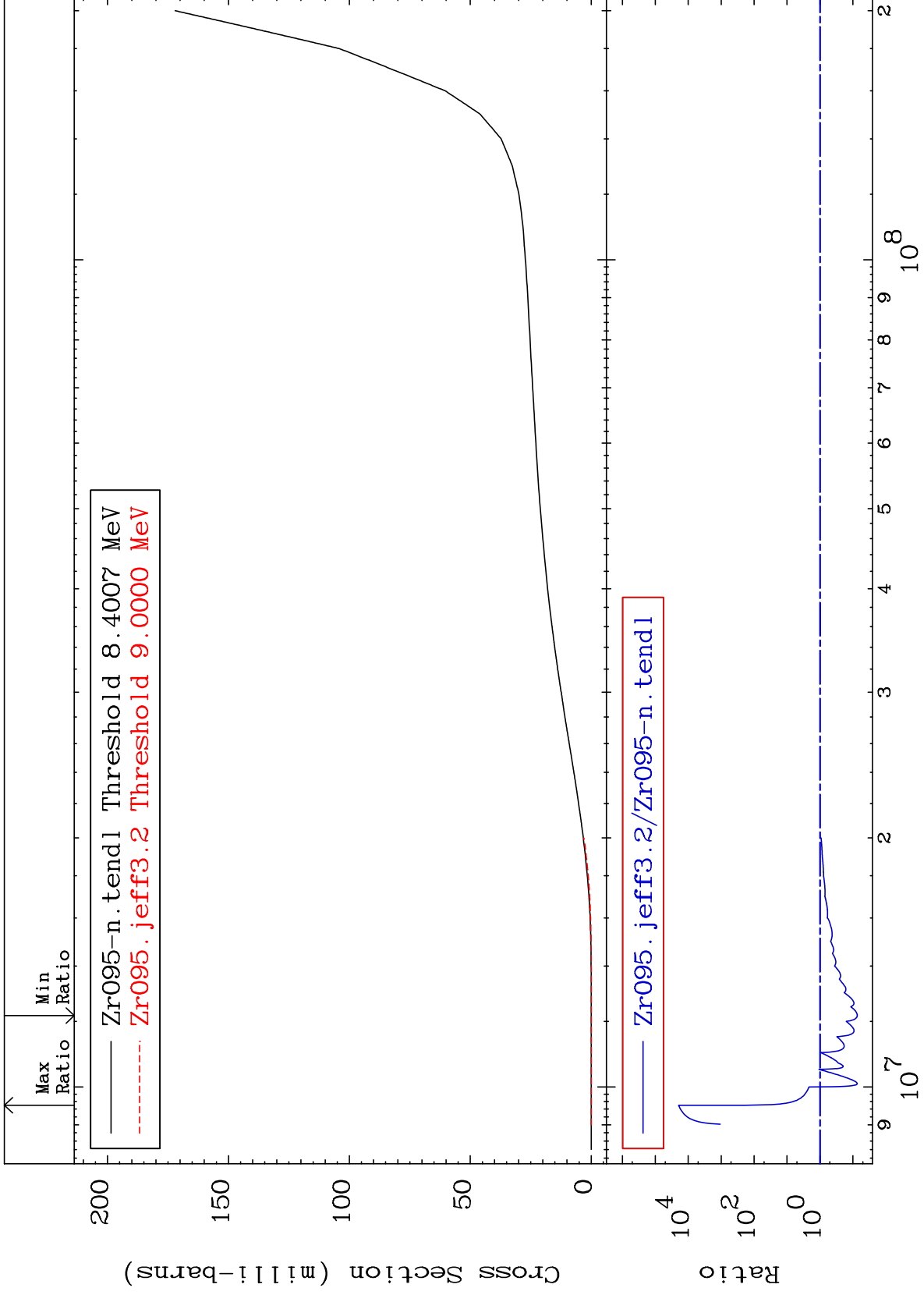
Incident Energy (eV)

40-Zr-95

MAT 4040

Tritium Production  
Cross Section

40-Zr-95  
-92.61 To 9999. %

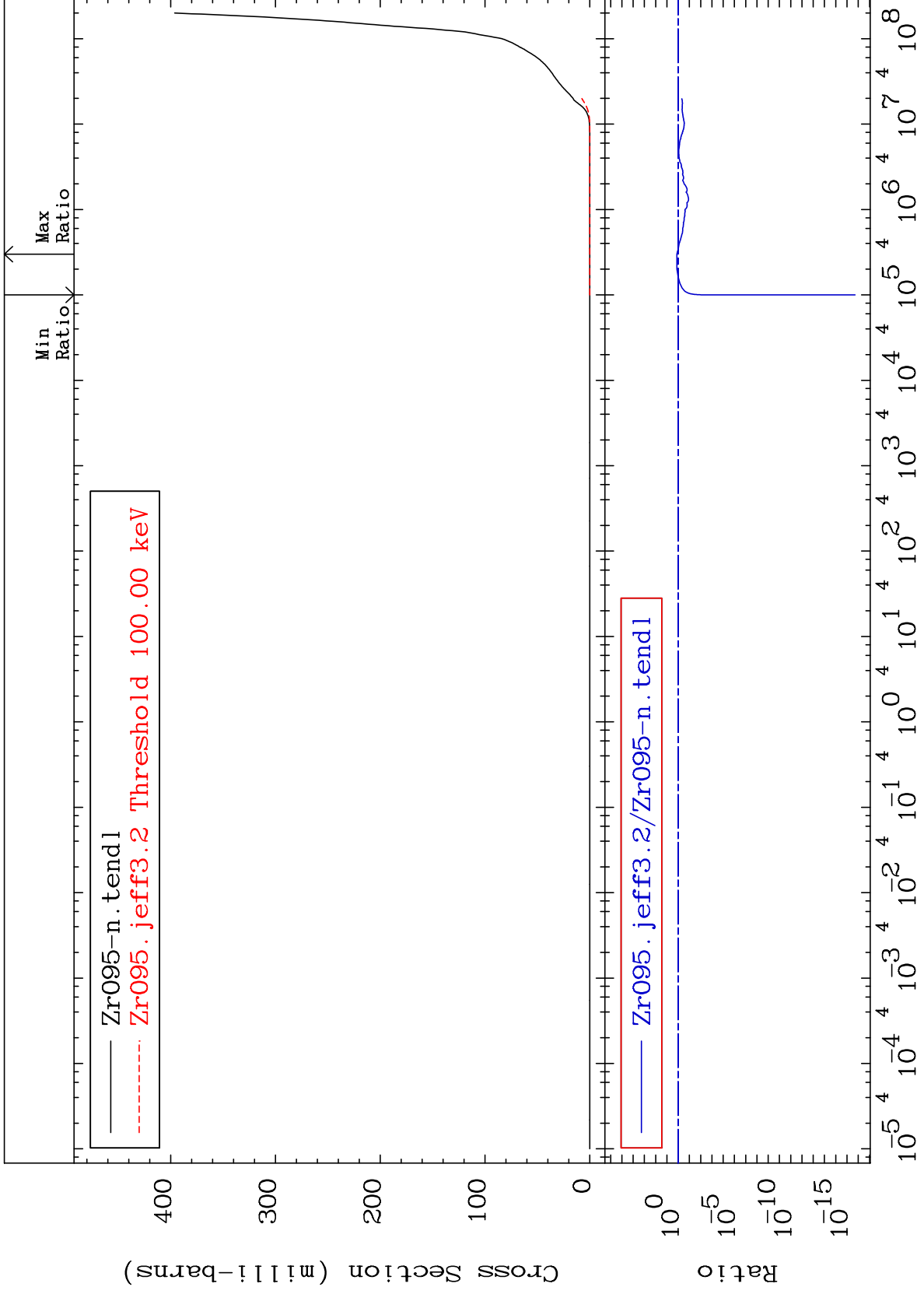




MAT 4040

He-4 Production  
Cross Section

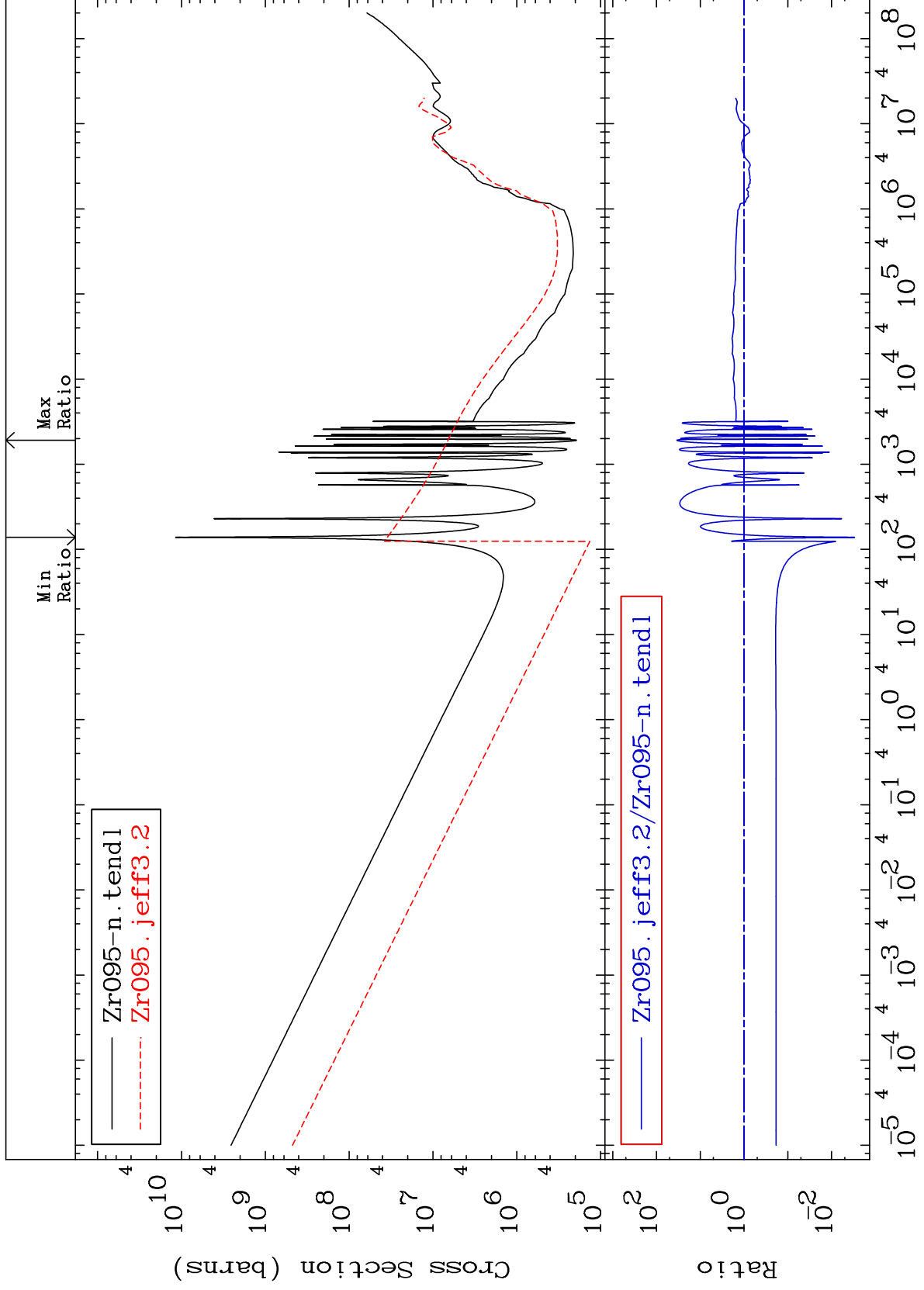
40-Zr-95  
-100.0 To 28.40 %



MAT 4040

Kerma total (eV-barns)  
Cross Section

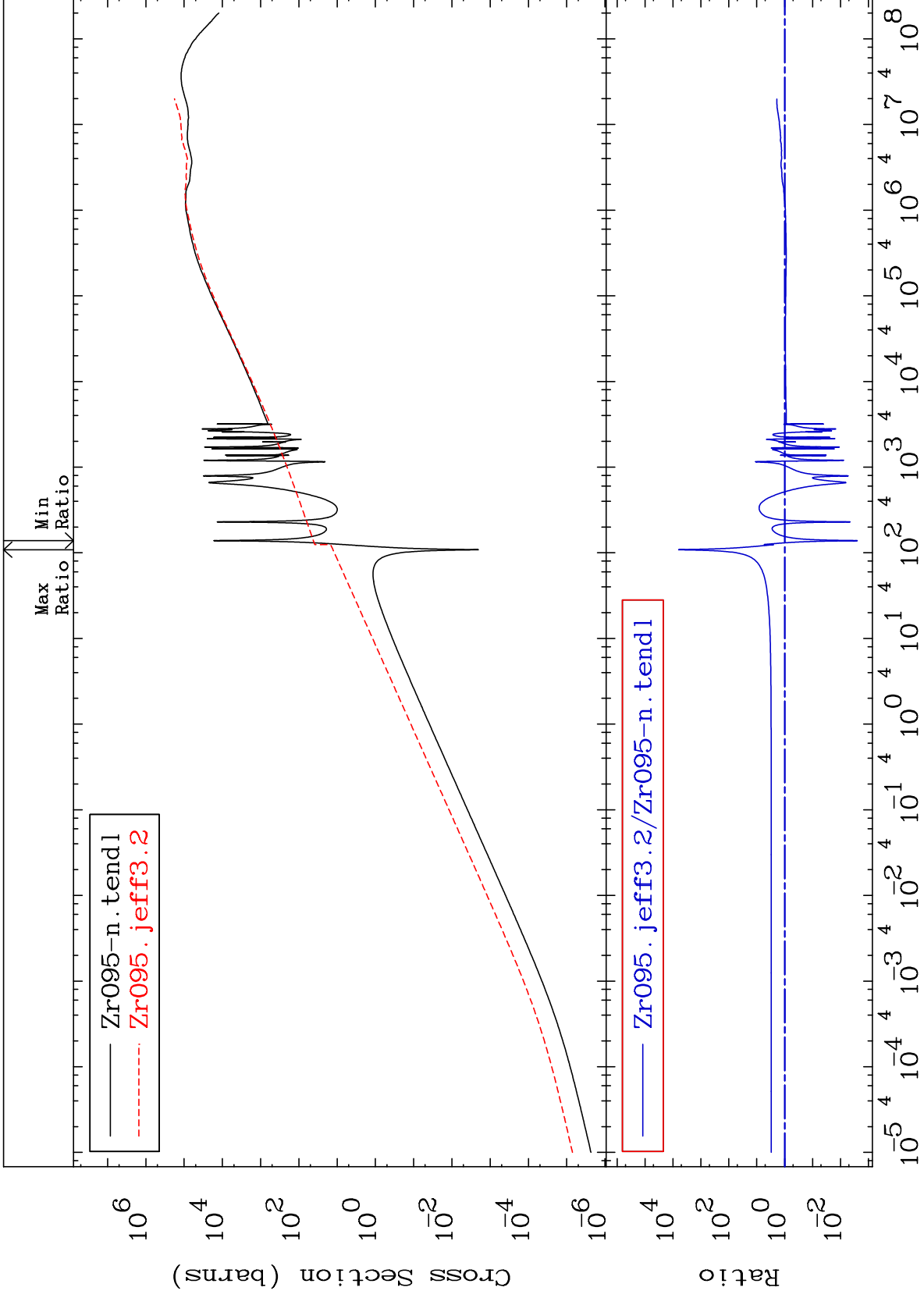
40-Zr-95  
-99.70 To 3335. %

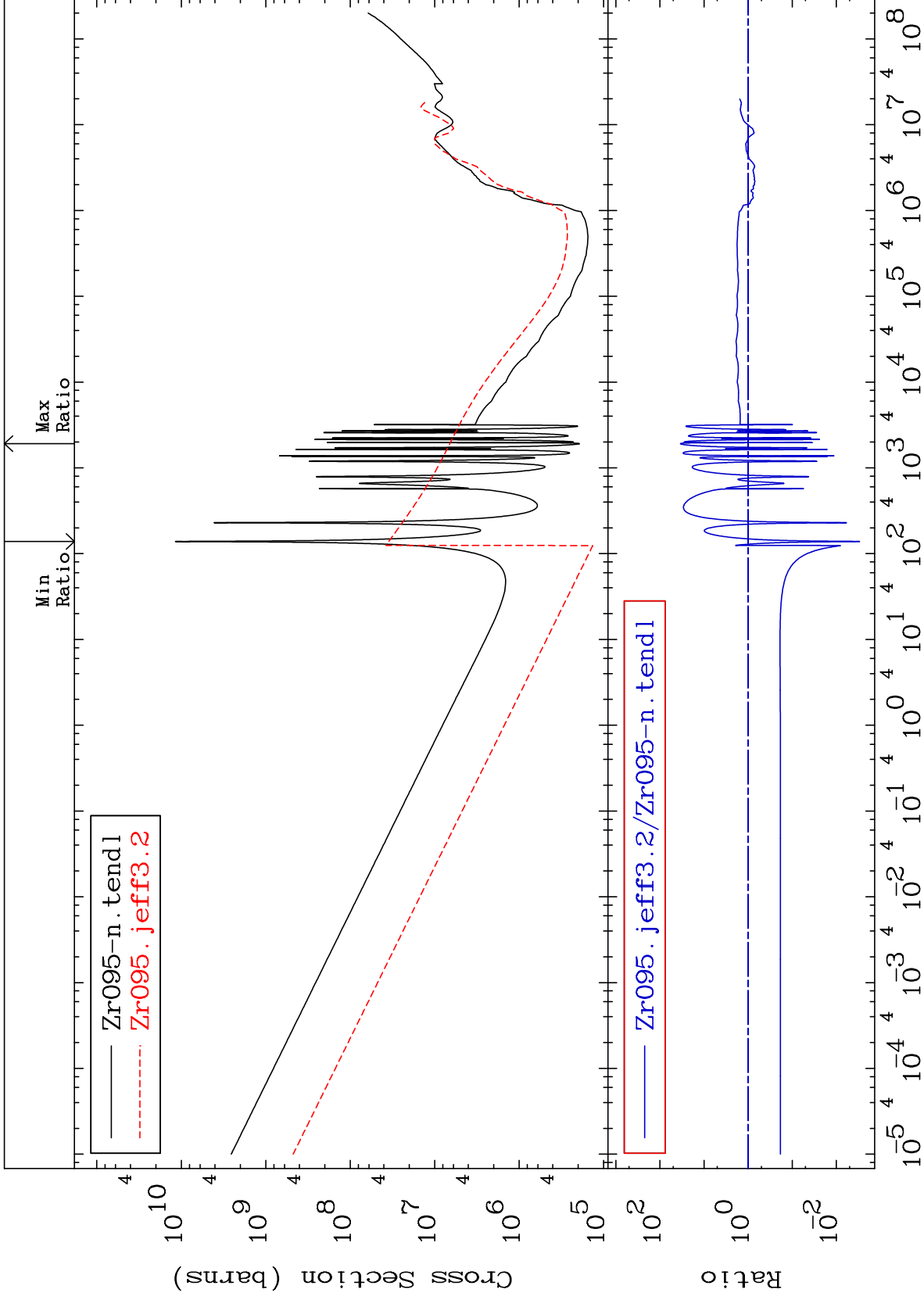


MAT 4040

Kerma elastic  
Cross Section

40-Zr-95  
-99.75 To 9999. %

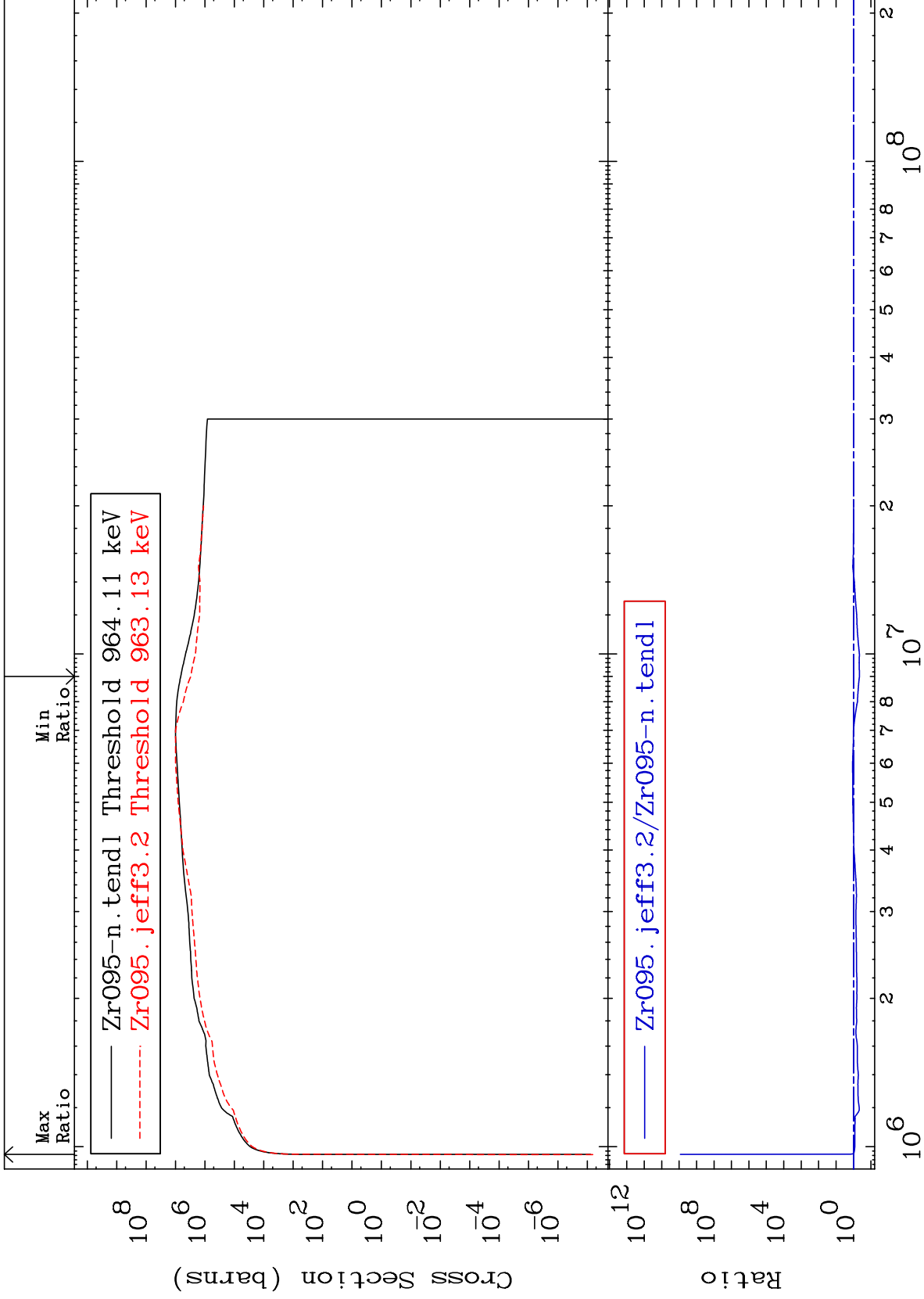




MAT 4040

Kerma inelastic (mt51-91)  
Cross Section

40-Zr-95  
-54.30 To 9999. %



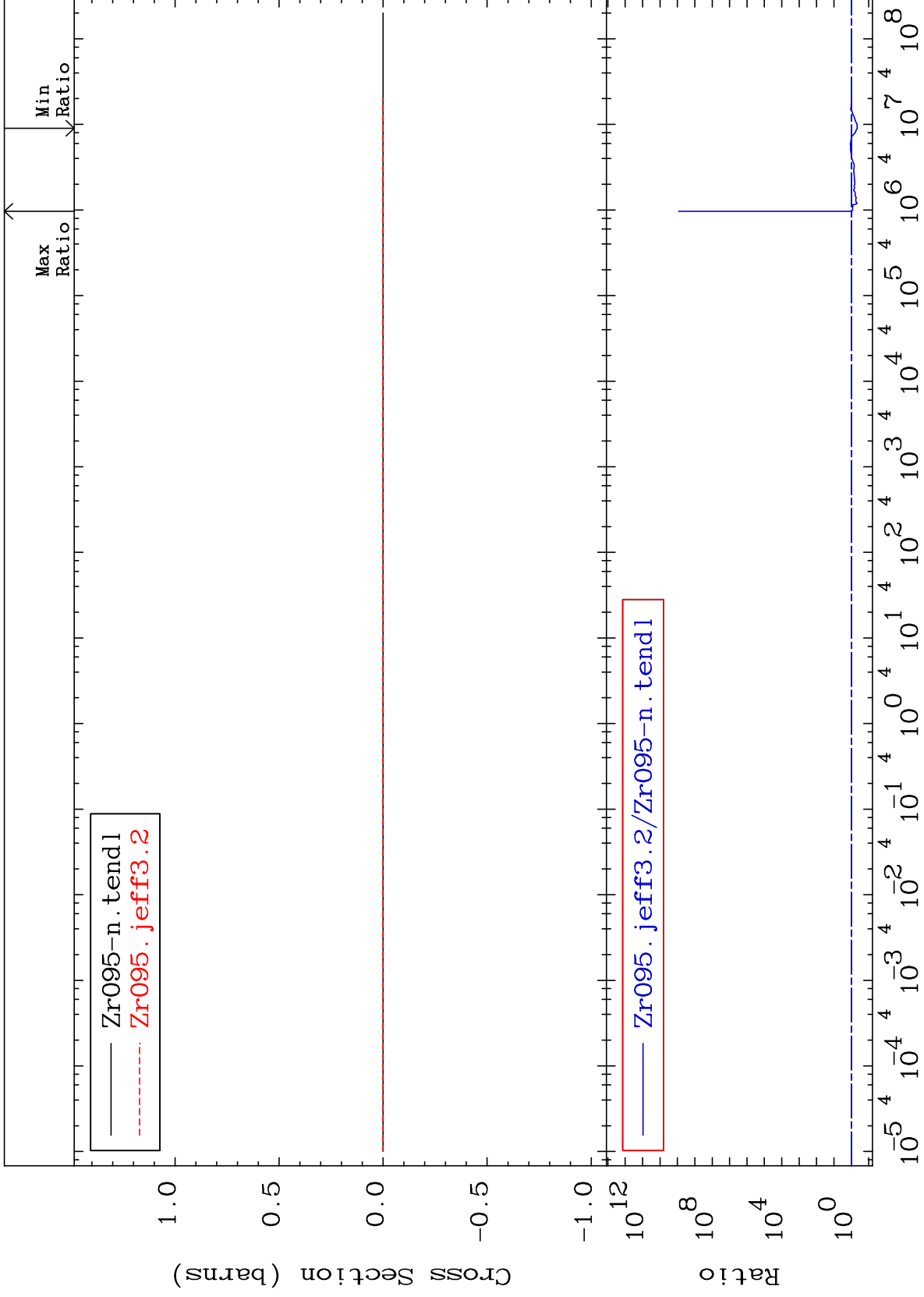
45

40-Zr-95

MAT 4040

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

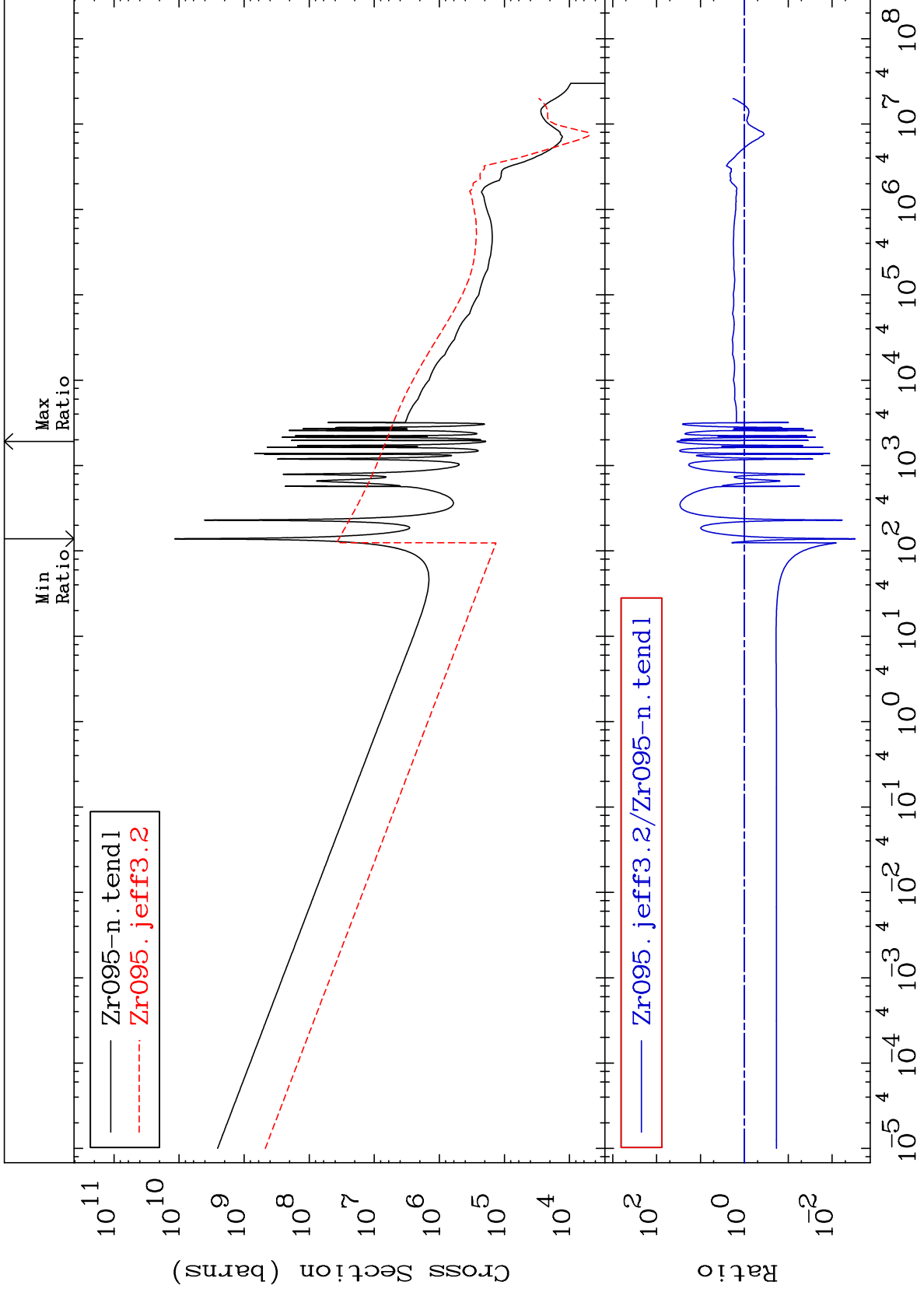
40-Zr-95  
-54.30 To 9999. %



MAT 4040

Kerma capture (mt102)  
Cross Section

40-Zr-95  
-99.70 To 3340. %

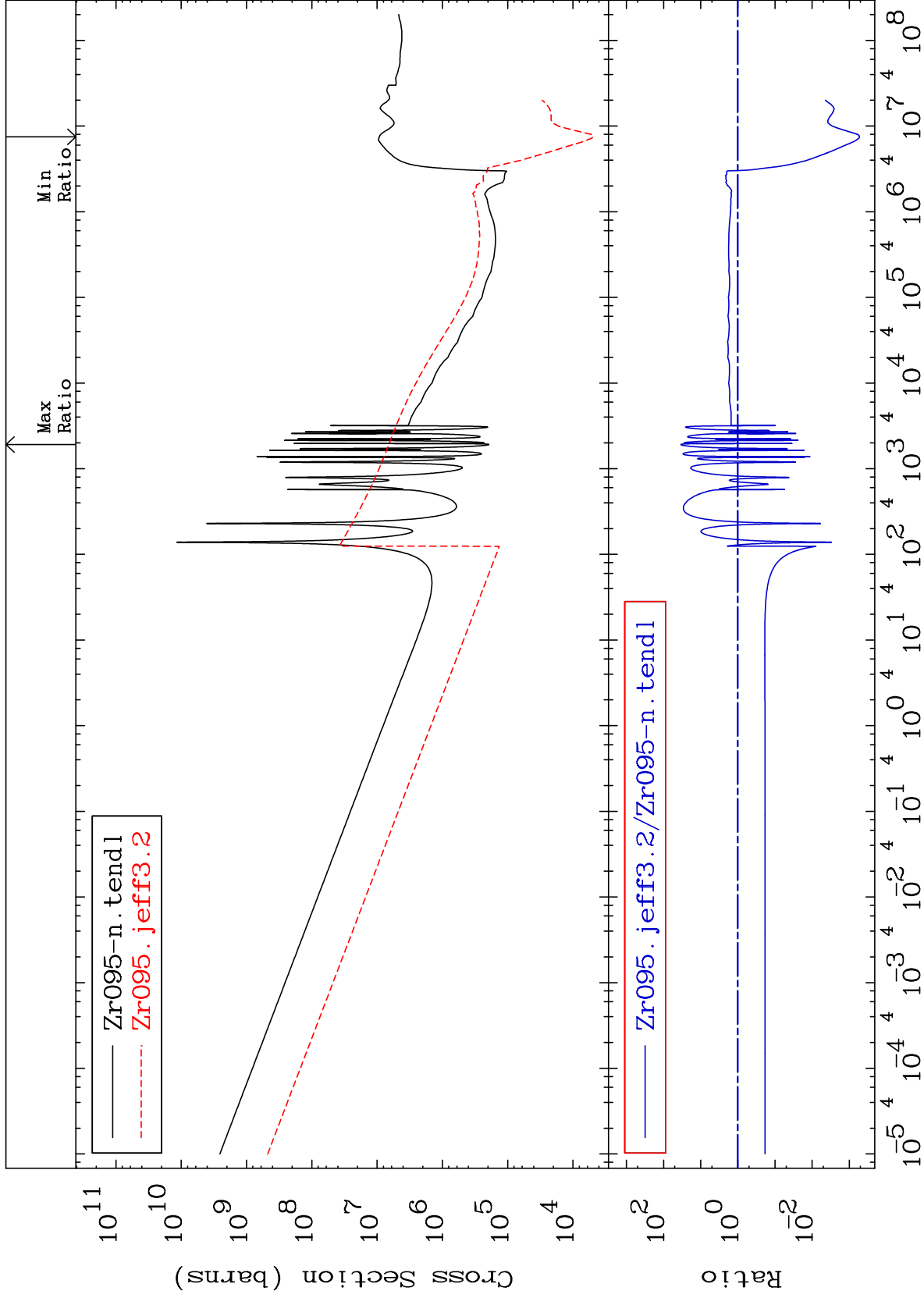


MAT 4040

Total photon (eV-barns)  
Cross Section

40-Zr-95

-99.95 To 3340. %

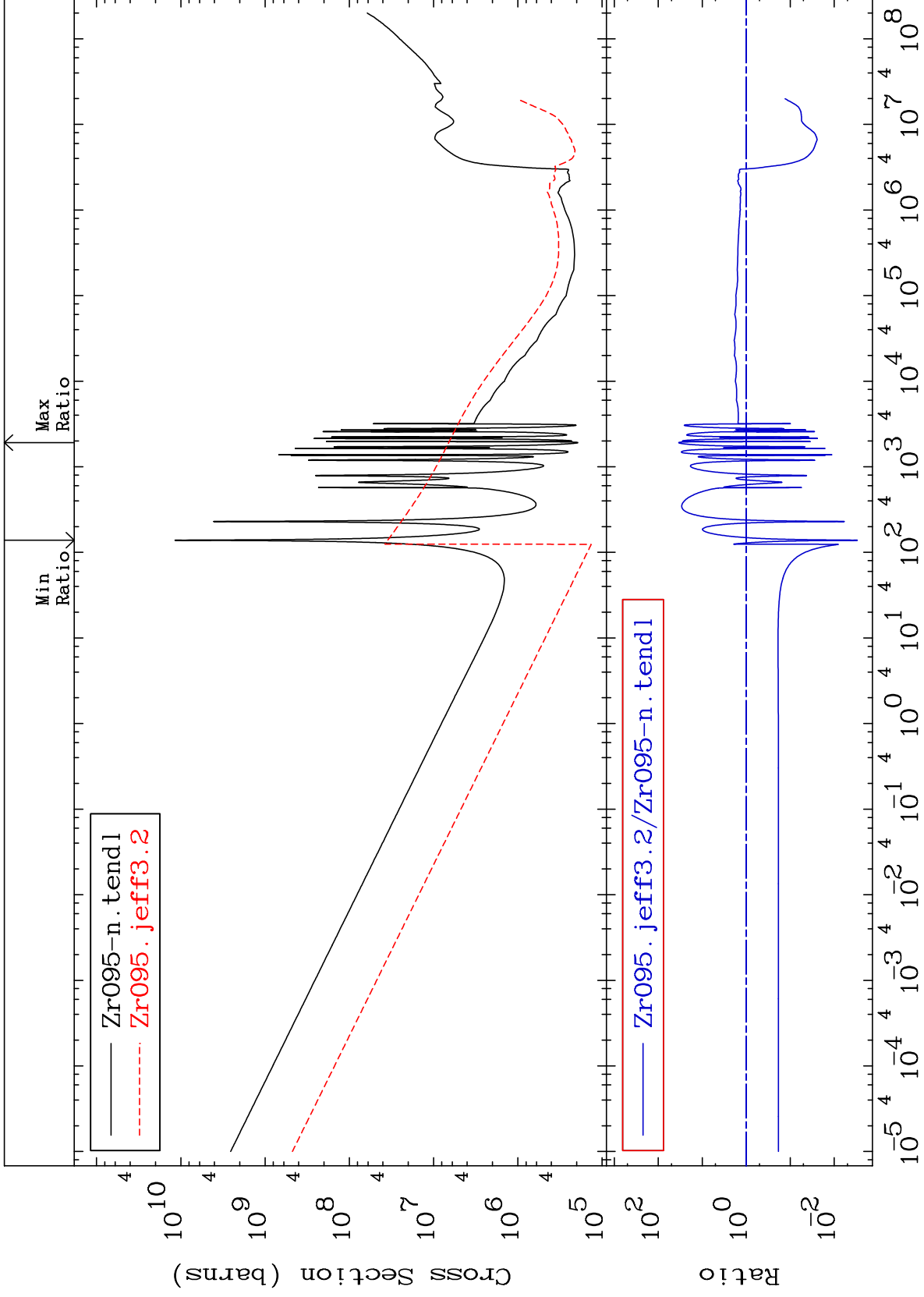


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Incident Energy (eV)

40-Zr-95

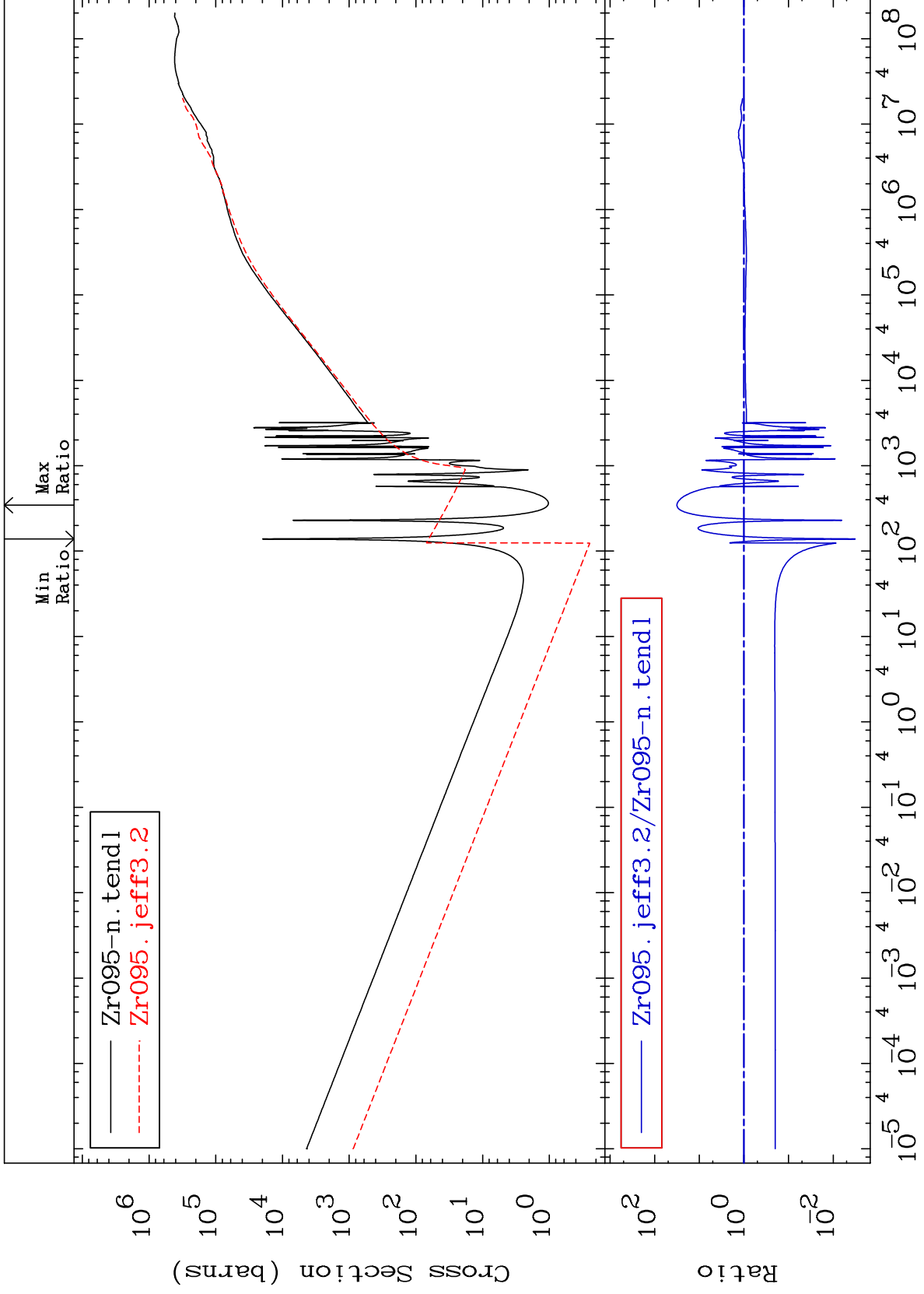




MAT 4040

Dpa total (eV-barns)  
Cross Section

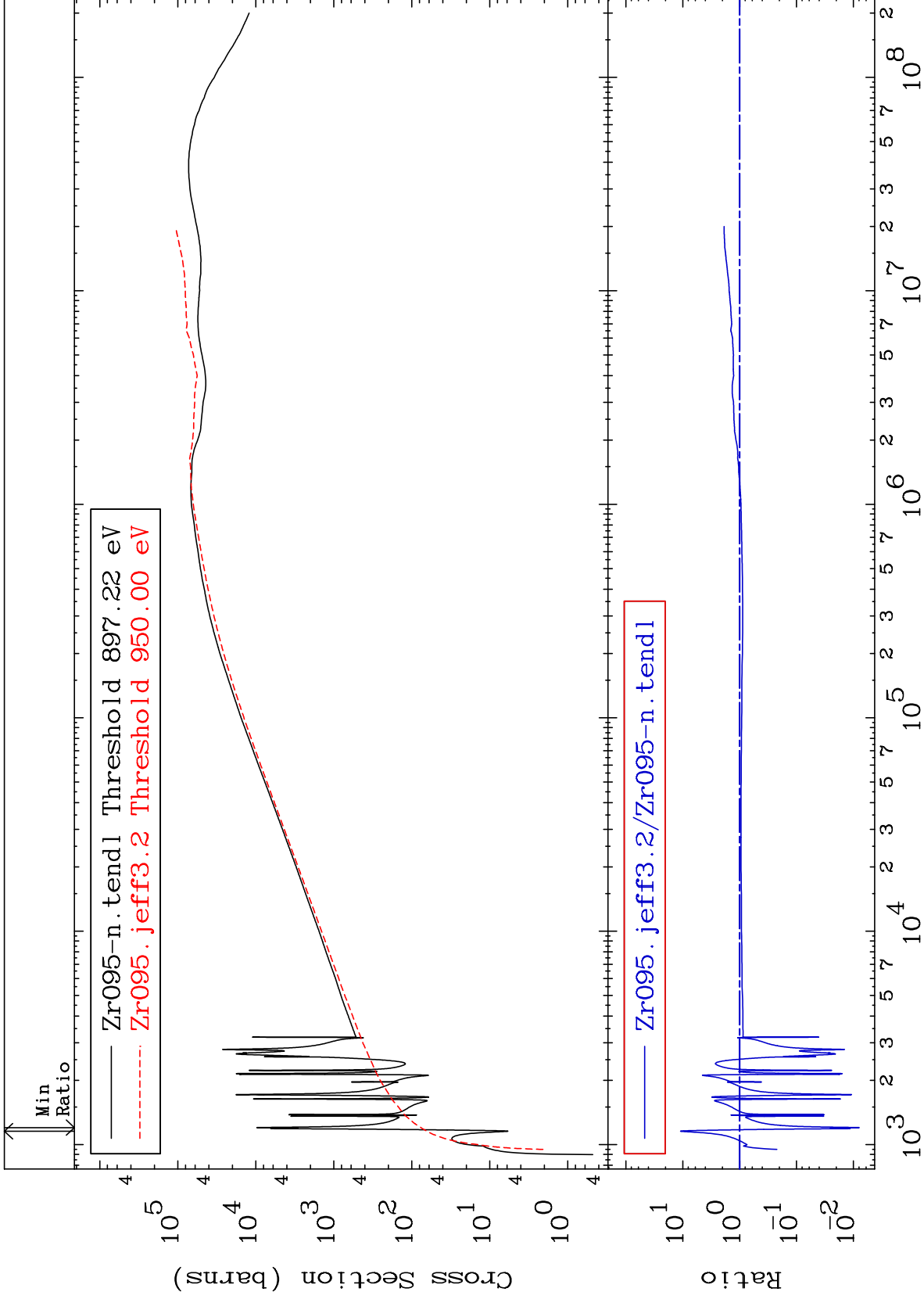
40-Zr-95  
-99.68 To 3076. %



MAT 4040

Dpa elastic (mt2)  
Cross Section

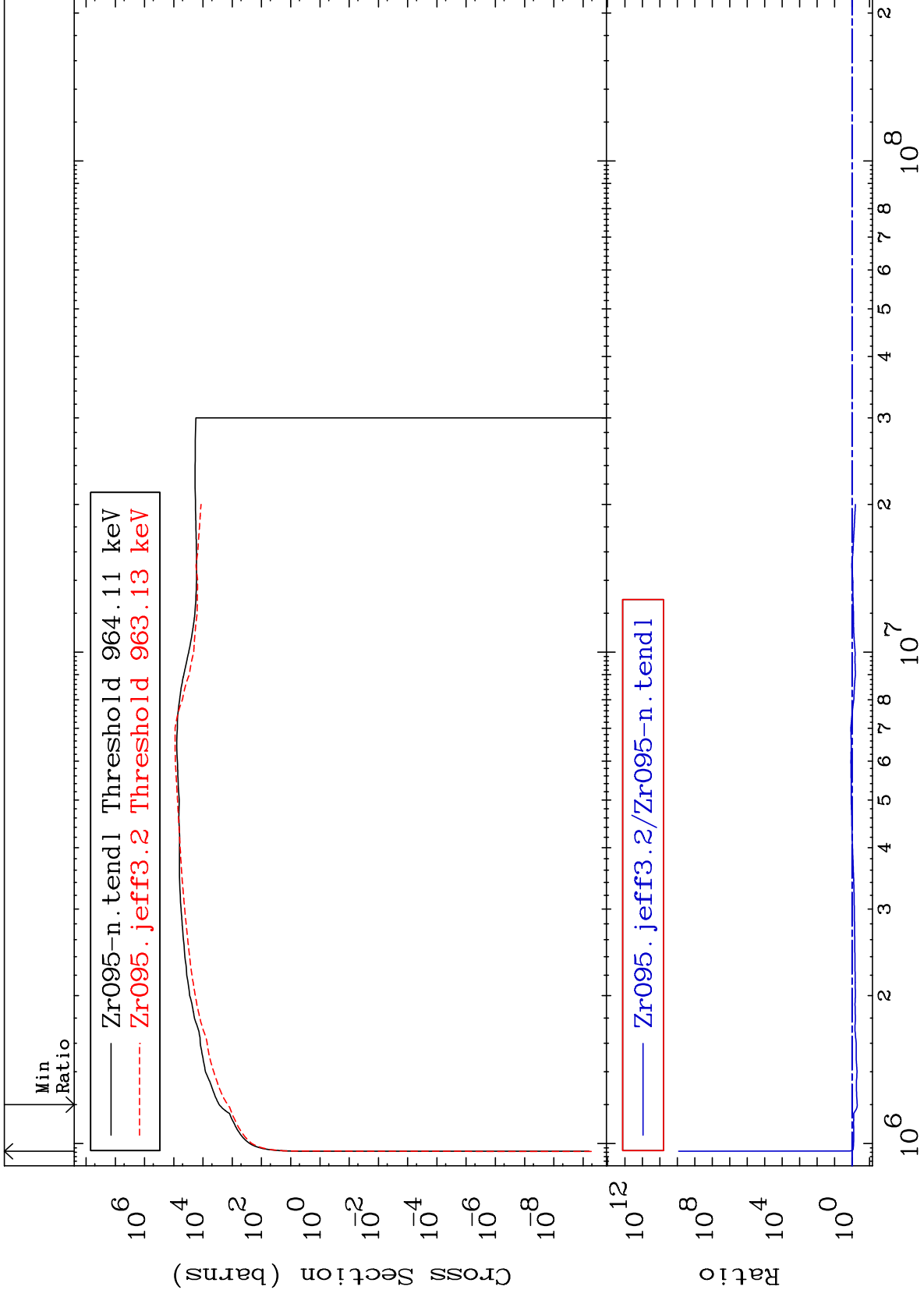
40-Zr-95  
-99.22 To 1001. %



MAT 4040

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-95  
-49.08 To 9999. %



52

Incident Energy (eV)

40-Zr-95

MAT 4040

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-95  
-99.68 To 3892. %

