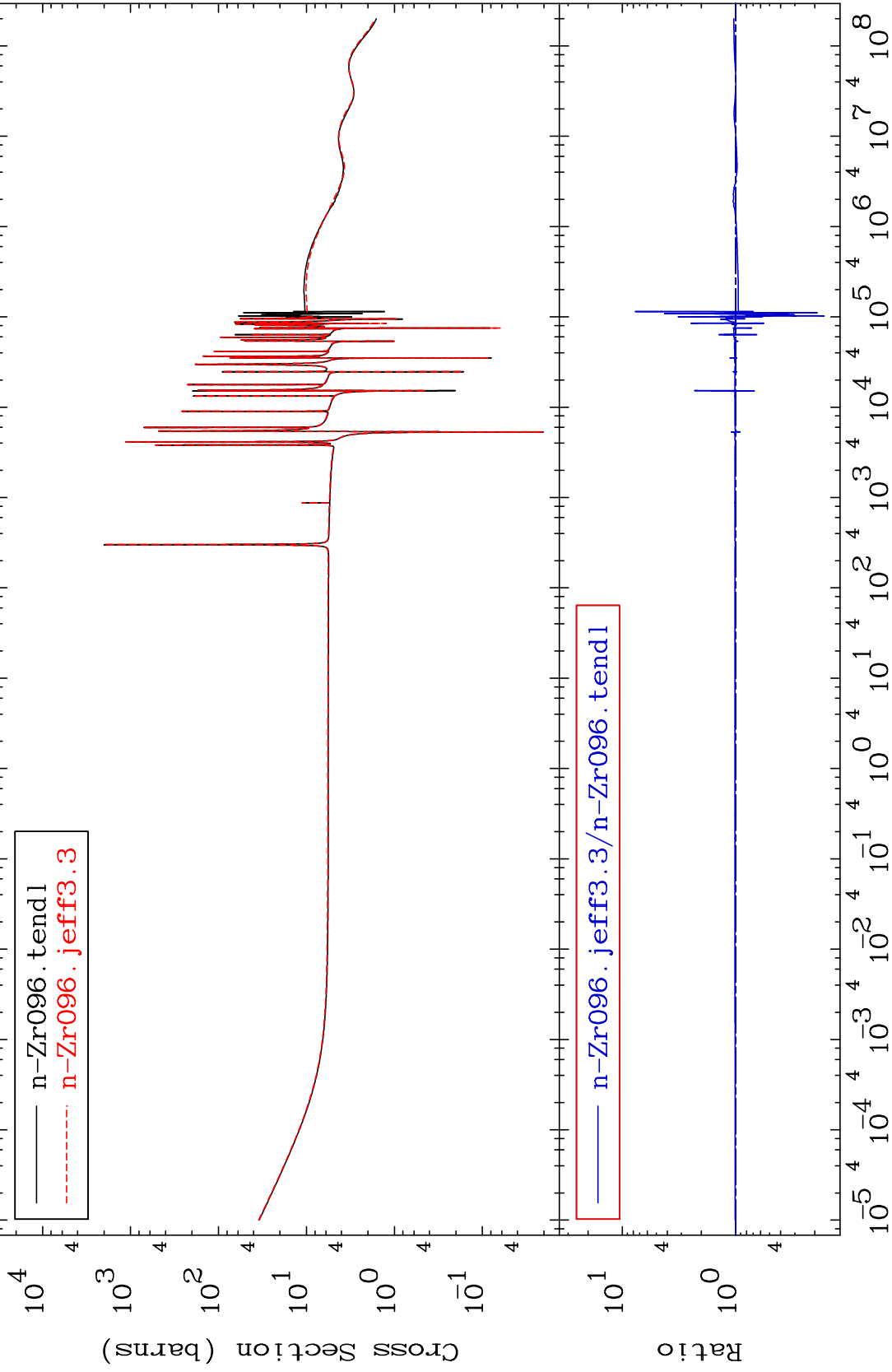


MAT 4043

Total
Cross Section

40-Zr-96
-83.44 To 662.8 %



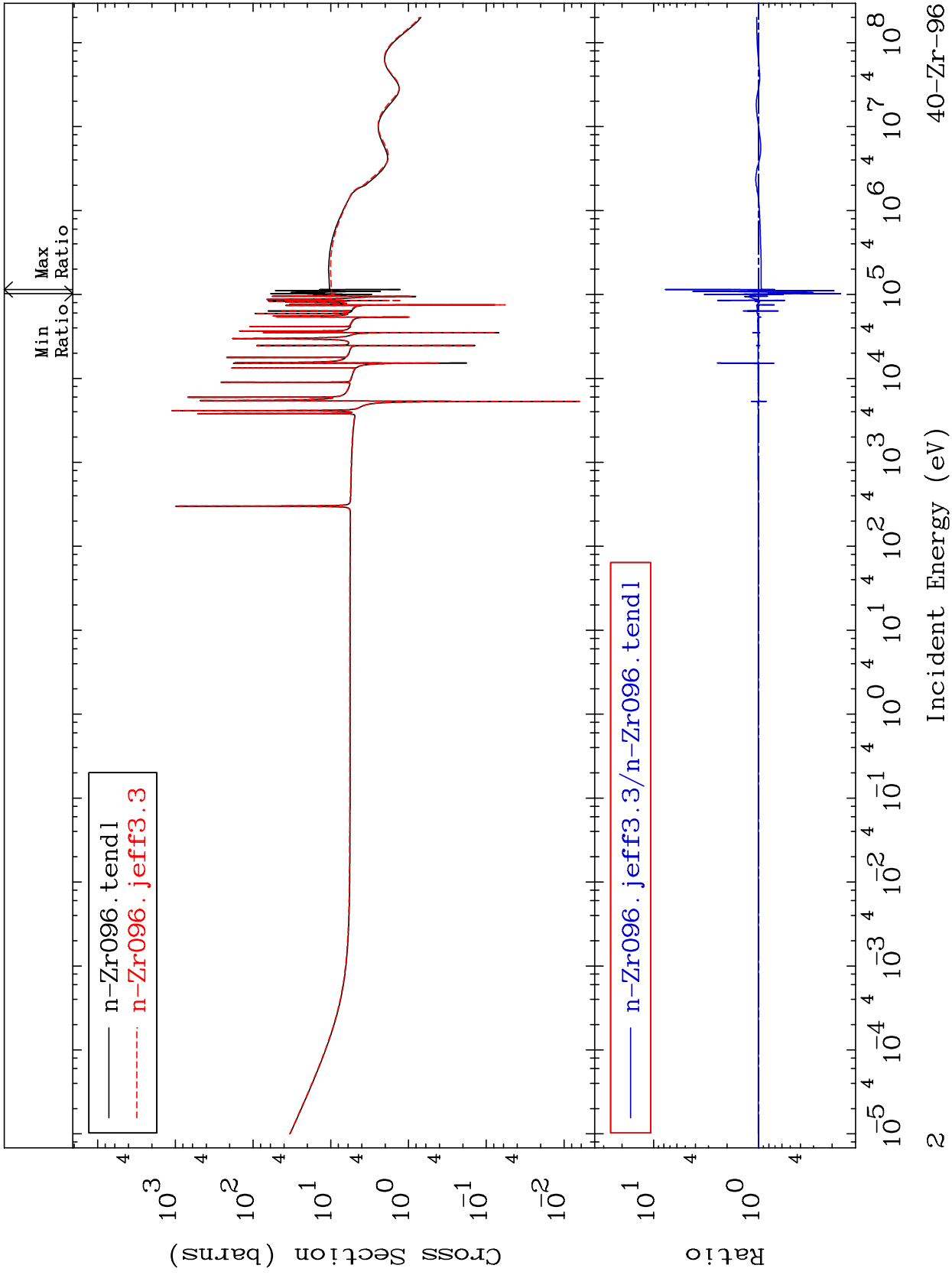
Incident Energy (eV)

40-Zr-96

MAT 4043

Elastic
Cross Section

40-Zr-96
-83.45 To 671.2 %



40-Zr-96

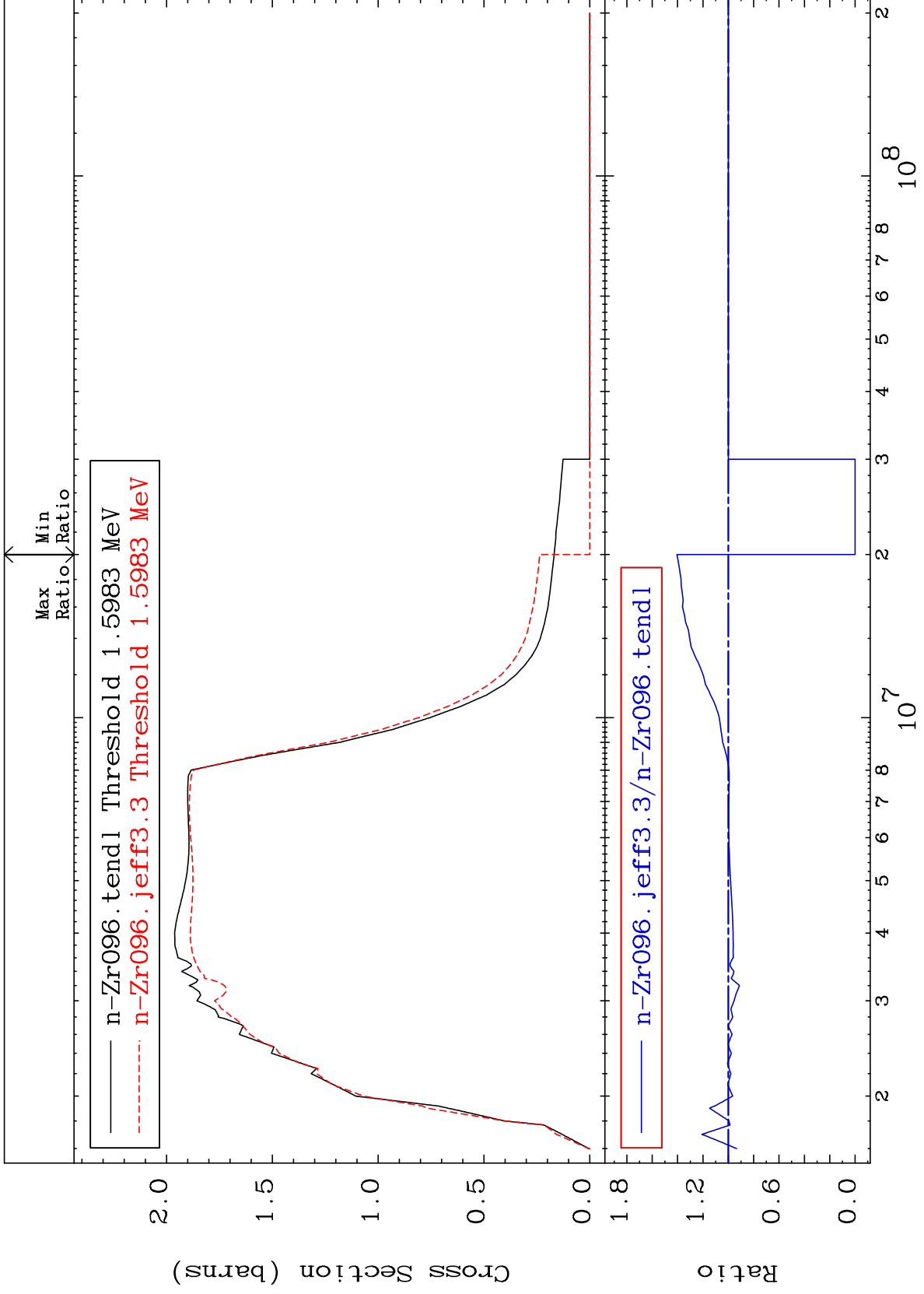
Incident Energy (eV)

2

MAT 4043

Inelastic
Cross Section

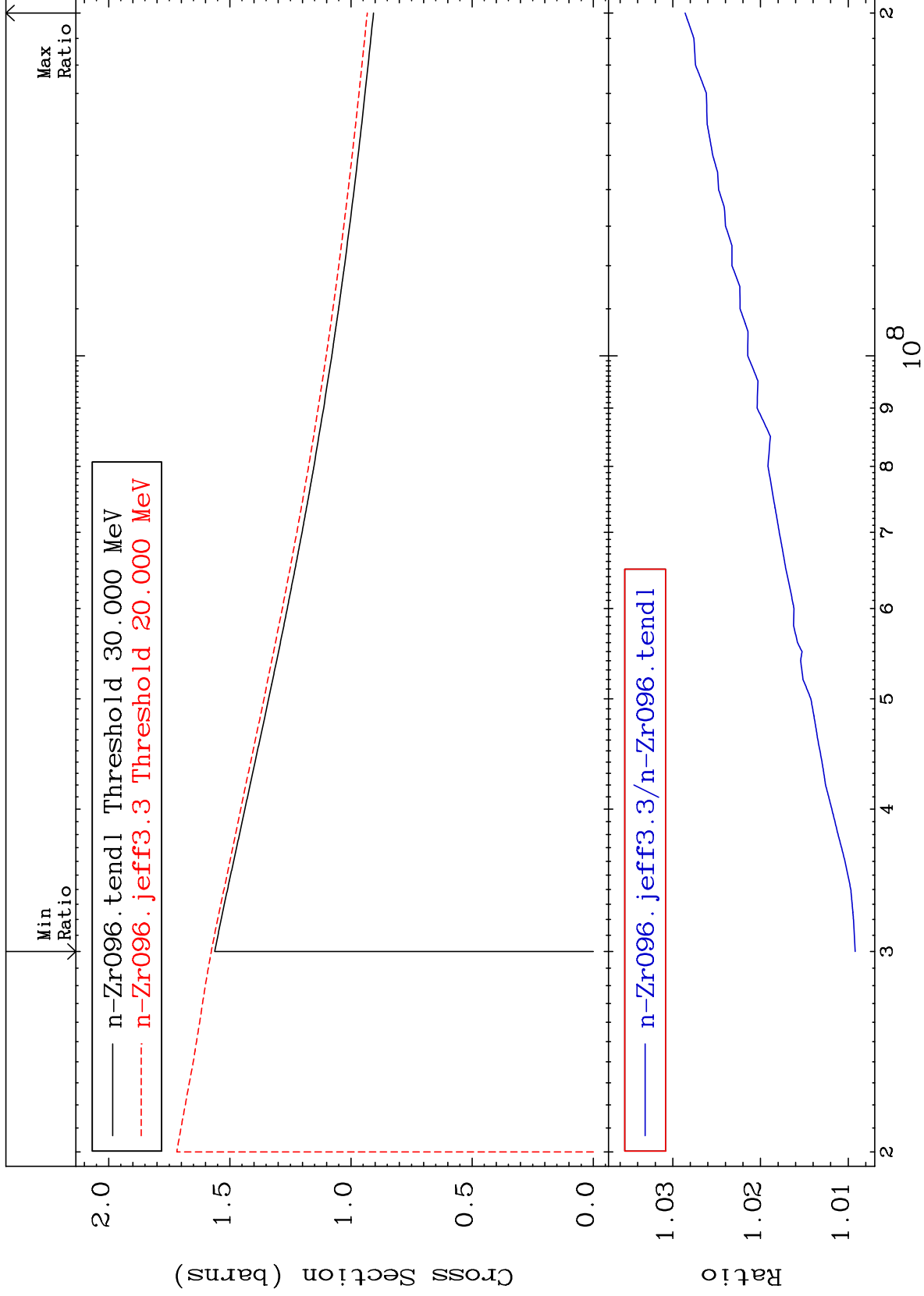
40-Zr-96
-100.0 To 40.52 %



MAT 4043

(n, remainder)
Cross Section

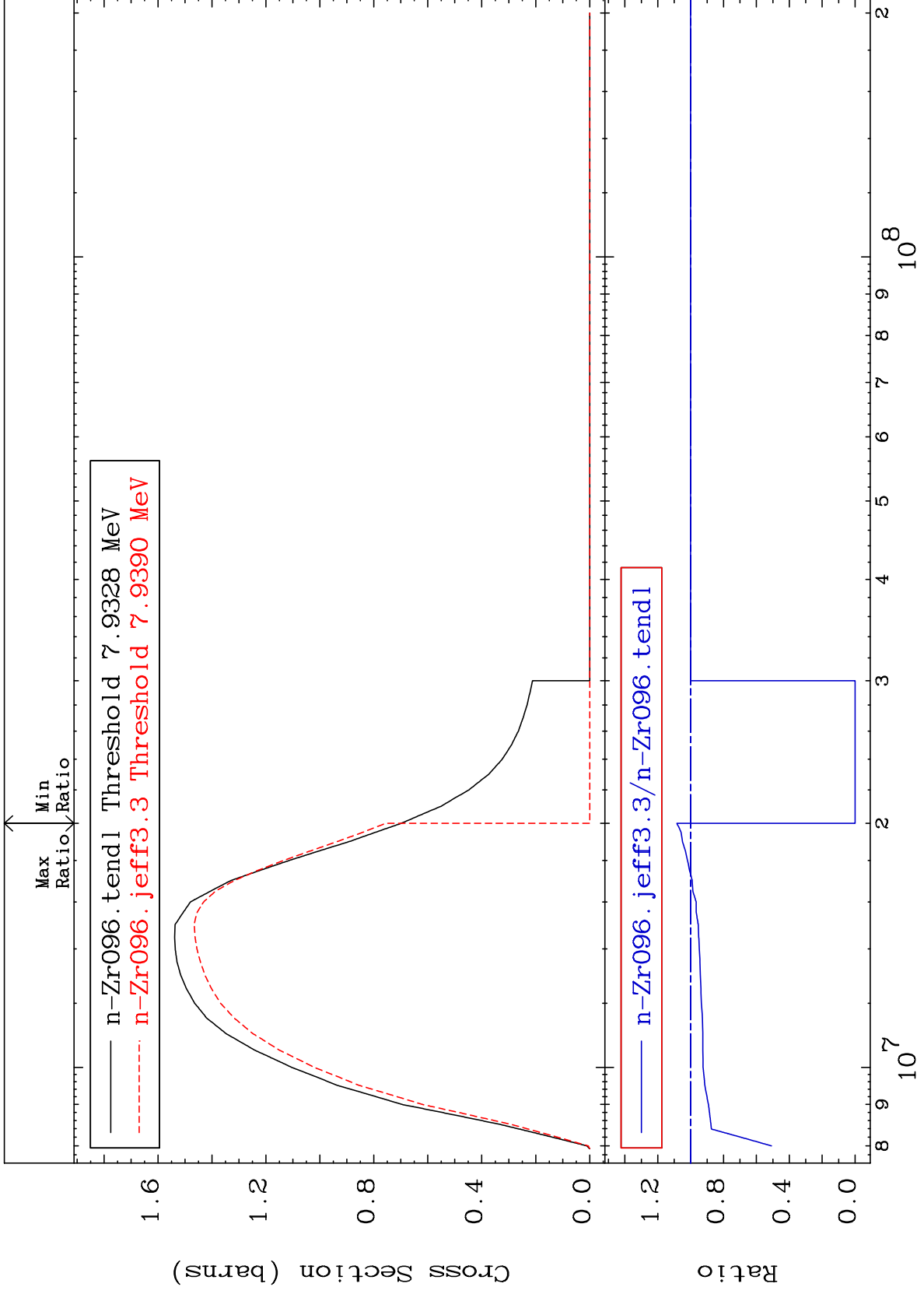
40-Zr-96
0.920 To 2.860 %



MAT 4043

(n,2n)
Cross Section

40-Zr-96
-100.0 To 8.350 %



5

Incident Energy (eV)

40-Zr-96

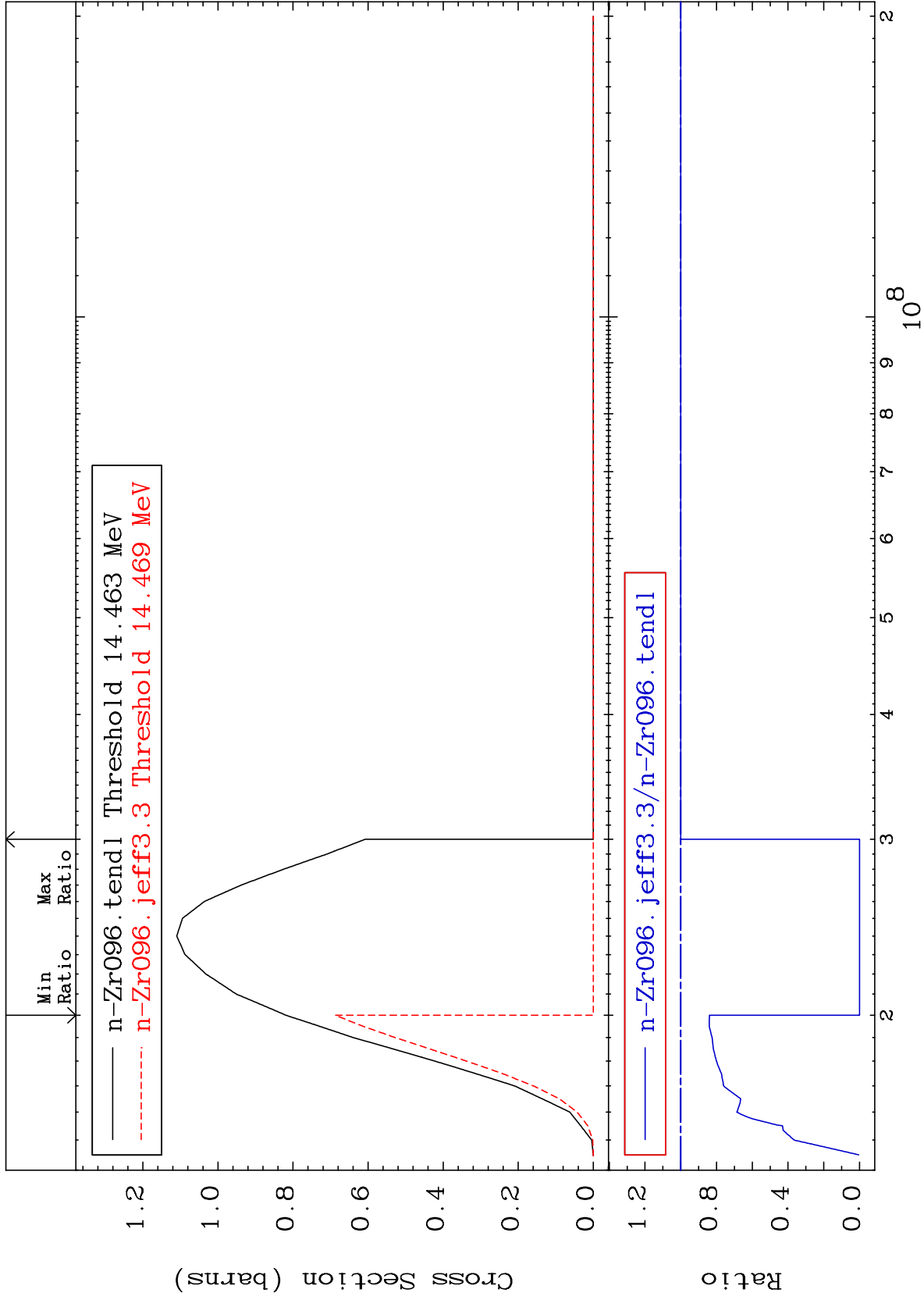
MAT 4043

(n,3n)

40-Zr-96

Cross Section

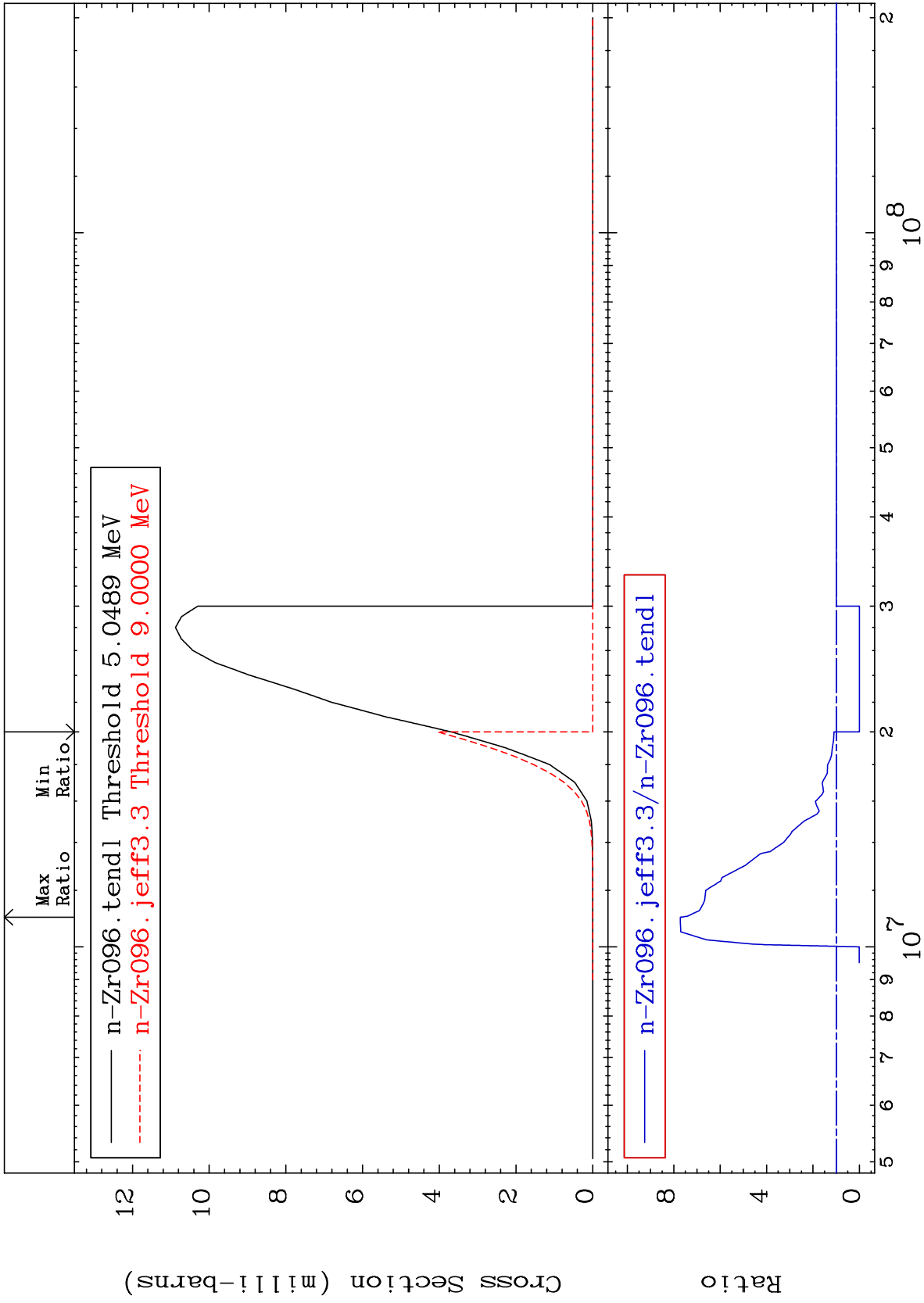
-100.0 To 0.000 %



MAT 4043

(n, n') α
Cross Section

40-Zr-96
-100.0 To 671.6 %



7

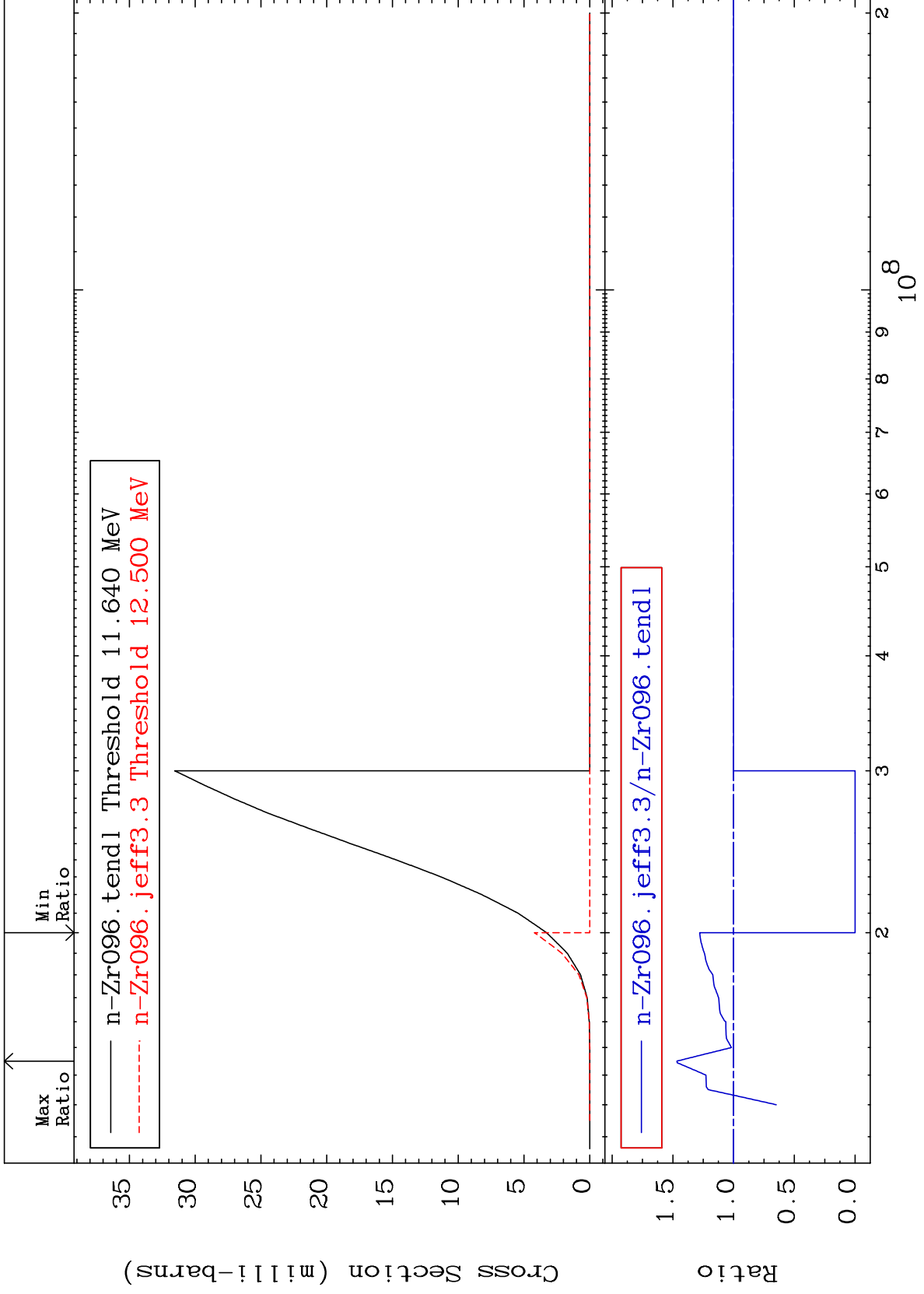
Incident Energy (eV)

40-Zr-96

MAT 4043

(n,n') p
Cross Section

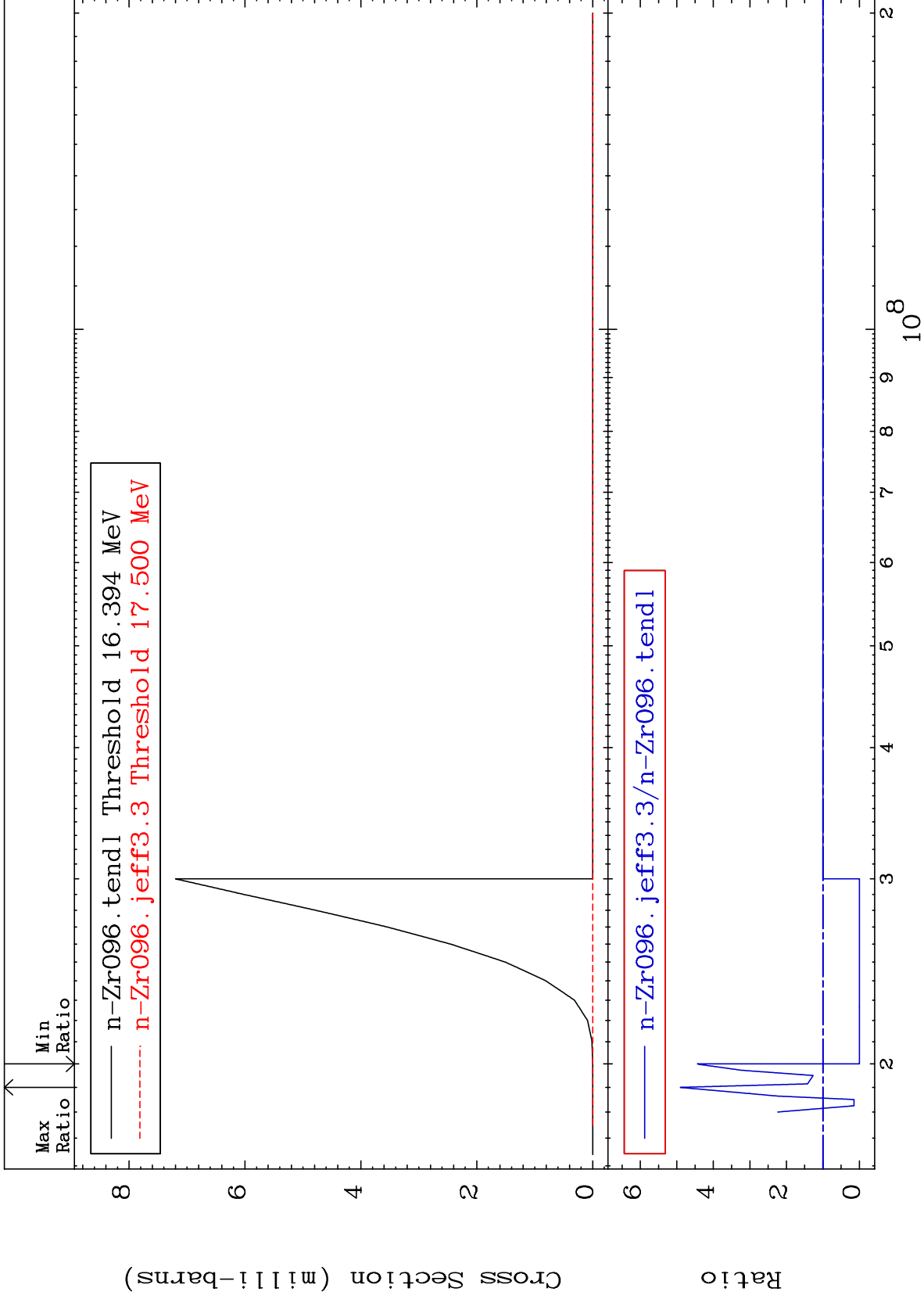
40-Zr-96
-100.0 To 46.66 %



MAT 4043

(n,n') d
Cross Section

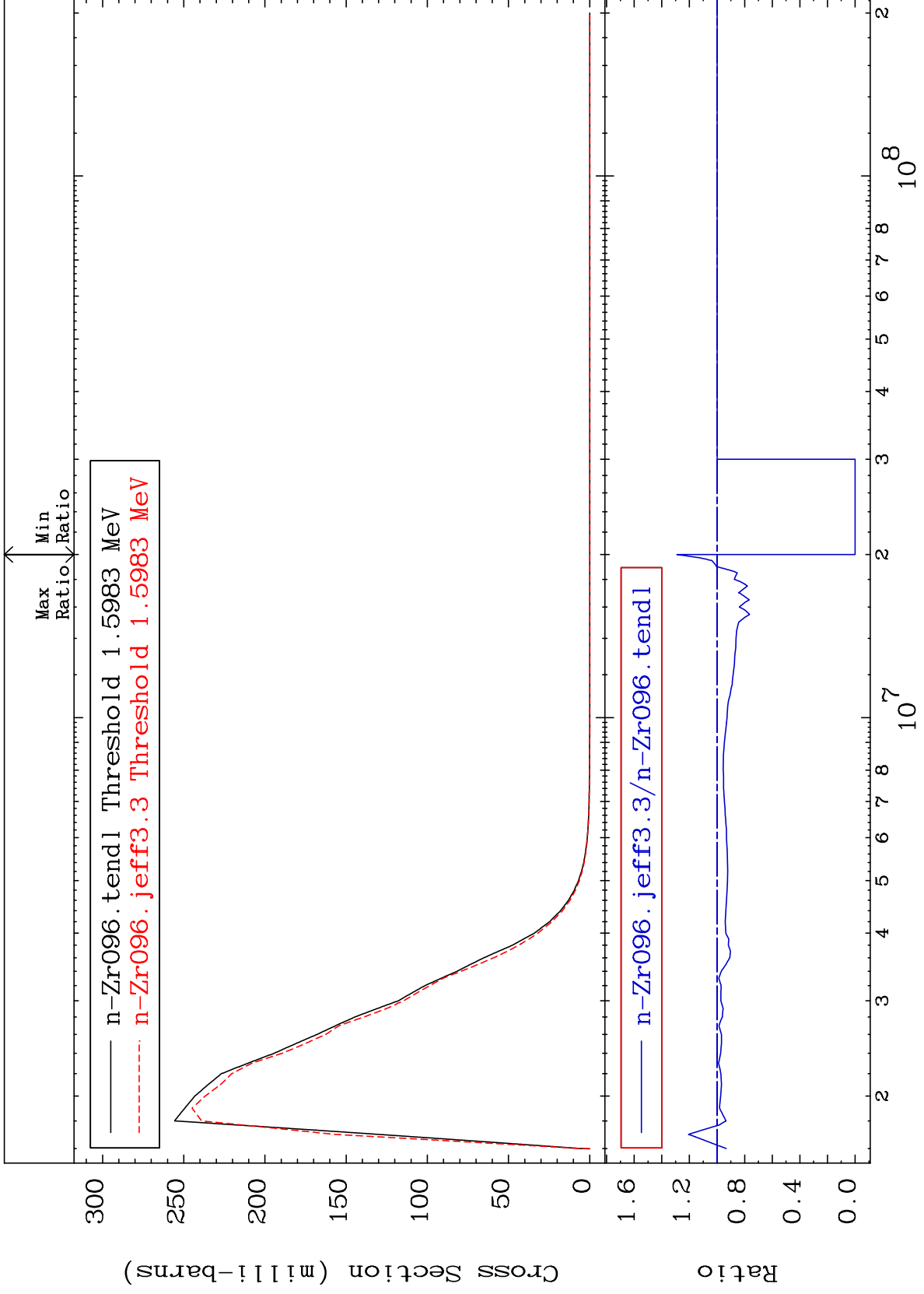
40-Zr-96
-100.0 To 390.4 %



MAT 4043

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

40-Zr-96
-100.0 To 29.04 %



10

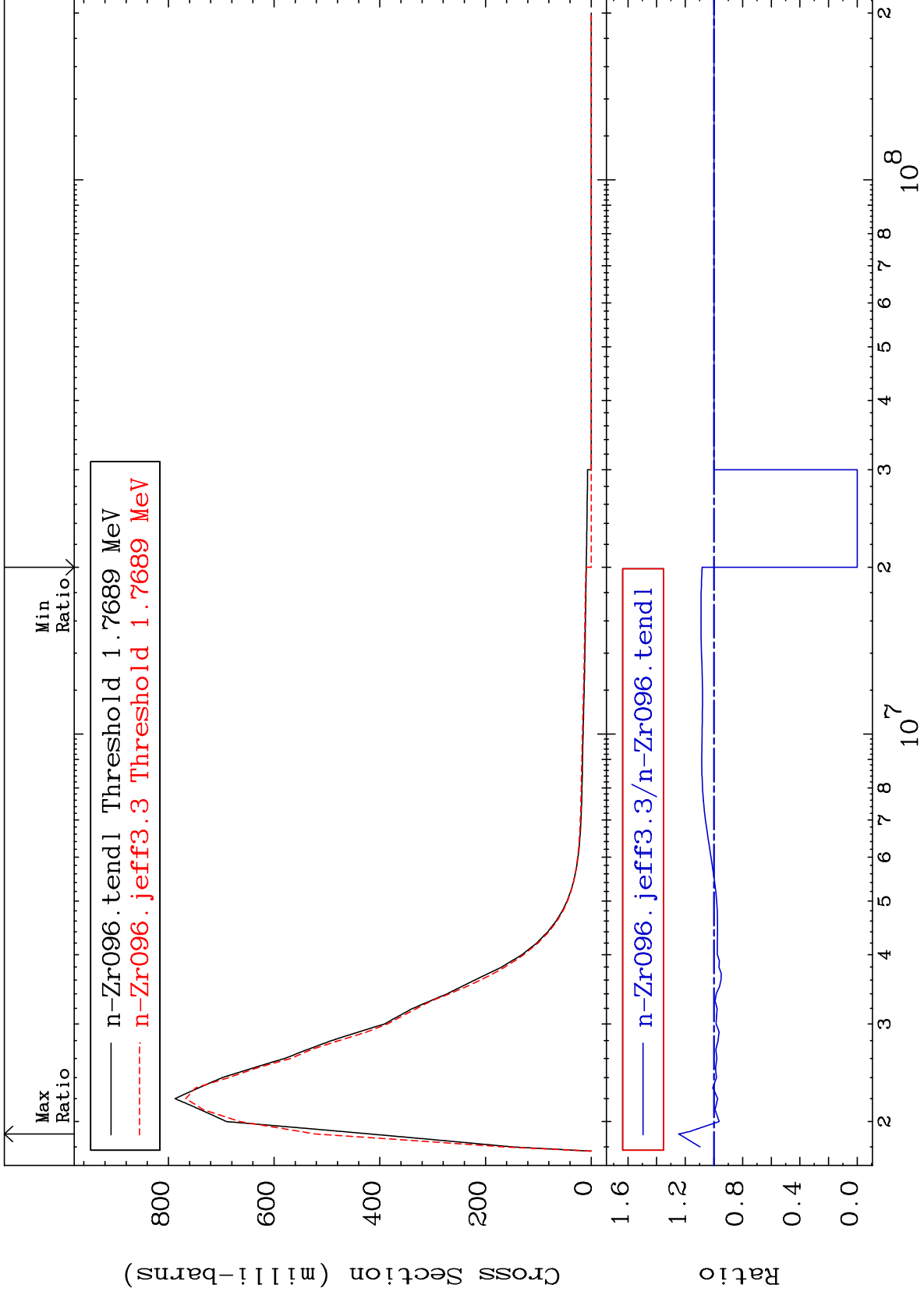
Incident Energy (eV)

40-Zr-96

MAT 4043

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

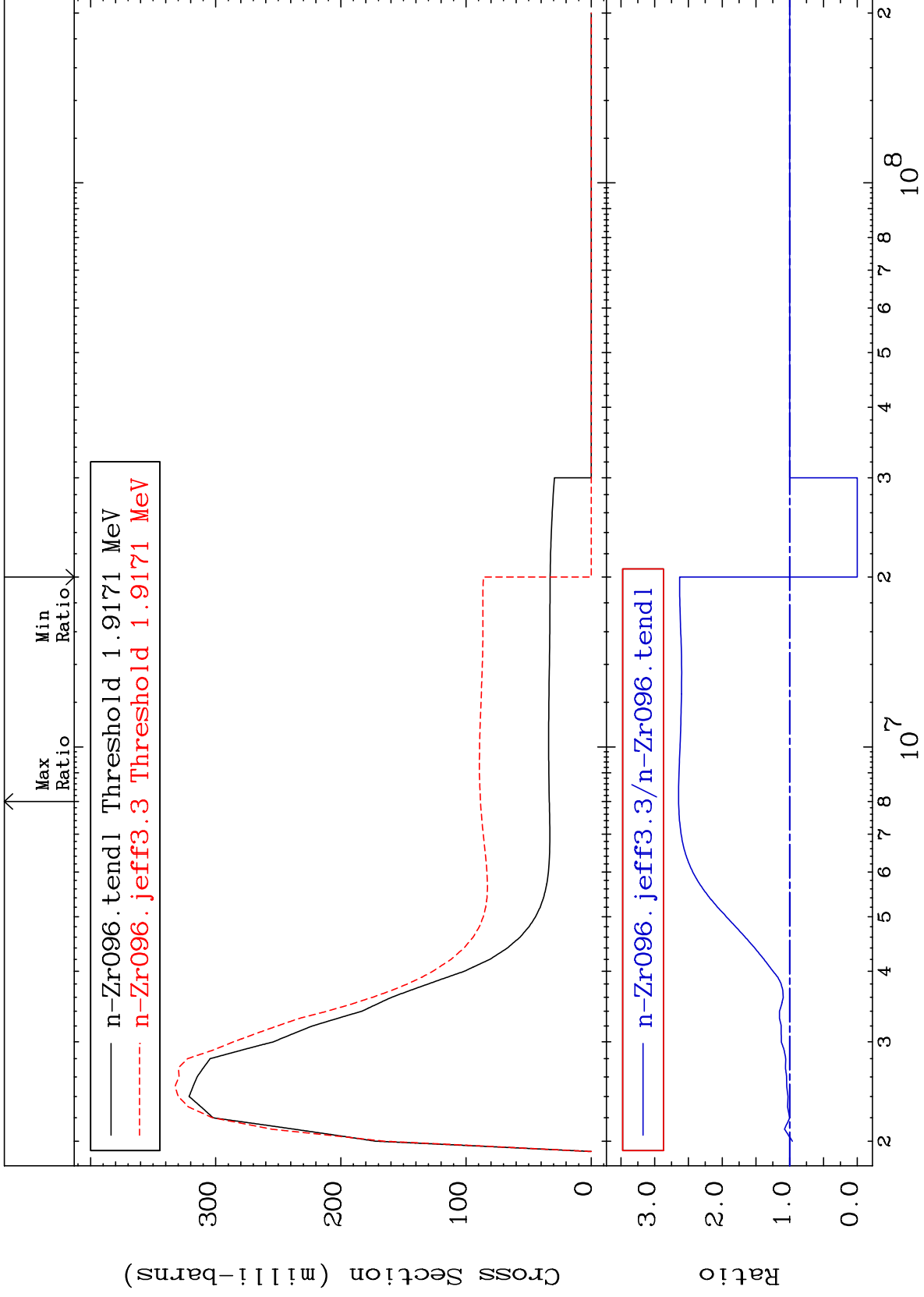
40-Zr-96
-100.0 To 24.64 %



MAT 4043

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

40-Zr-96
-100.0 To 164.5 %



12

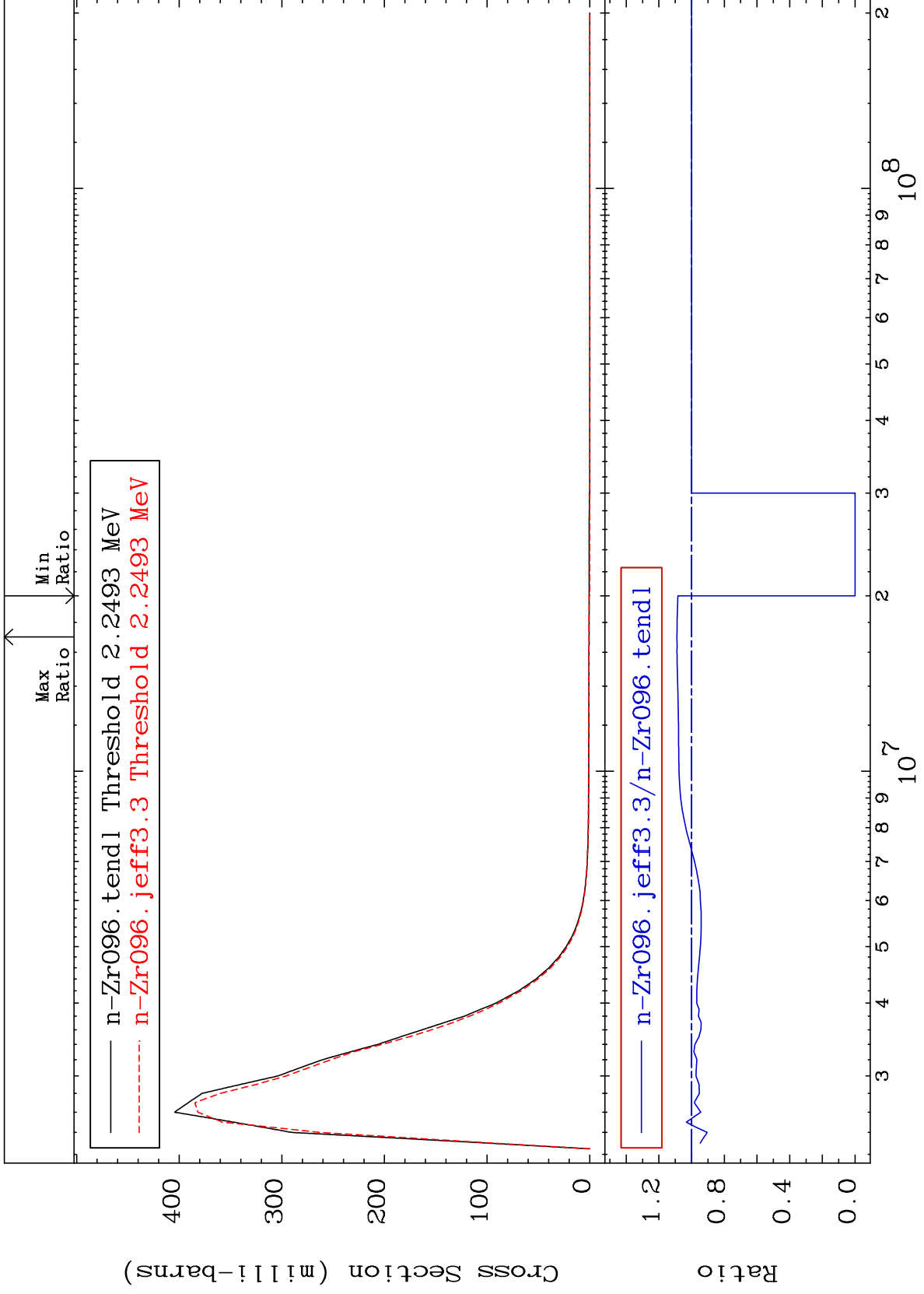
Incident Energy (eV)

40-Zr-96

MAT 4043

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

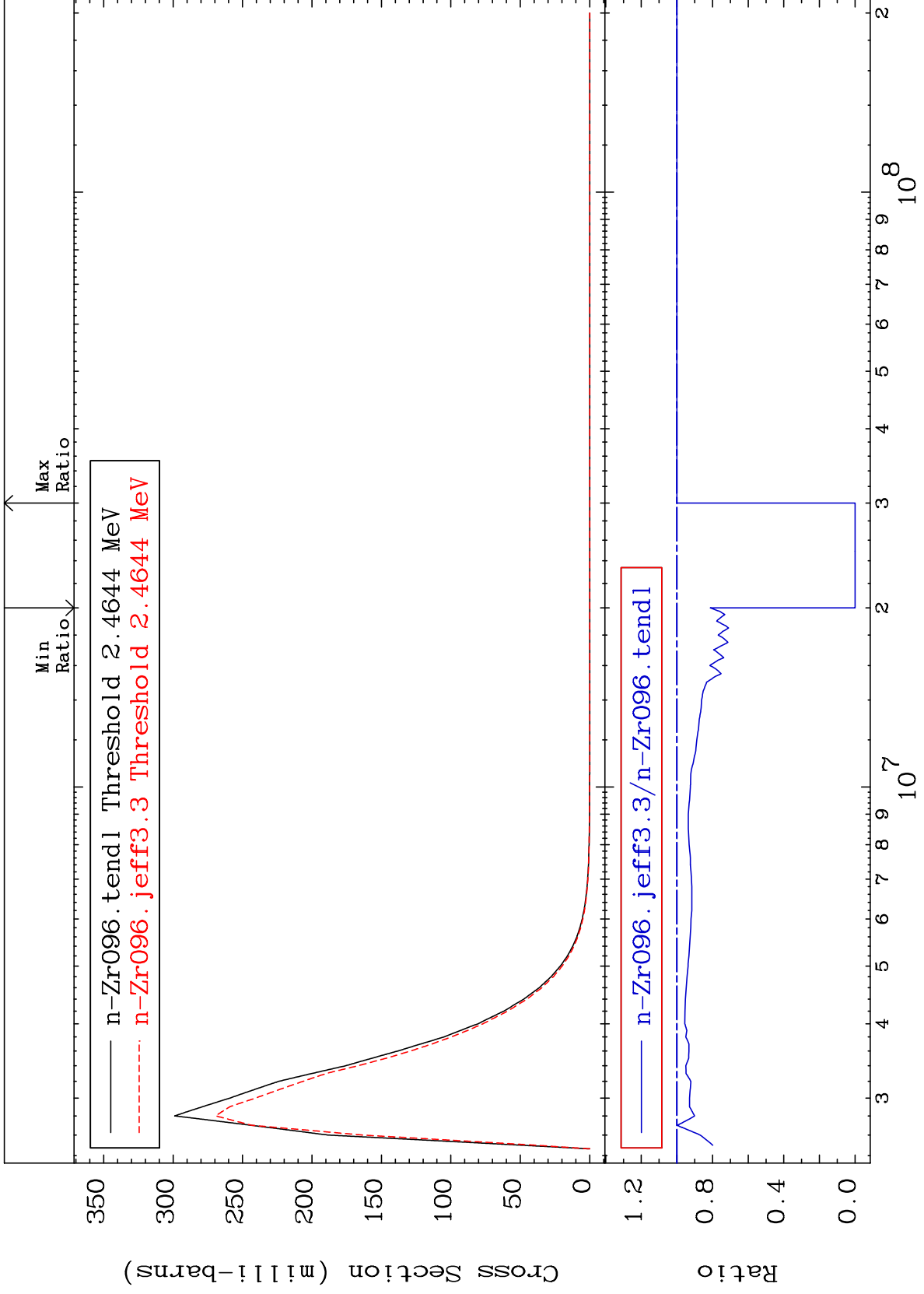
40-Zr-96
-100.0 To 8.975 %



MAT 4043

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

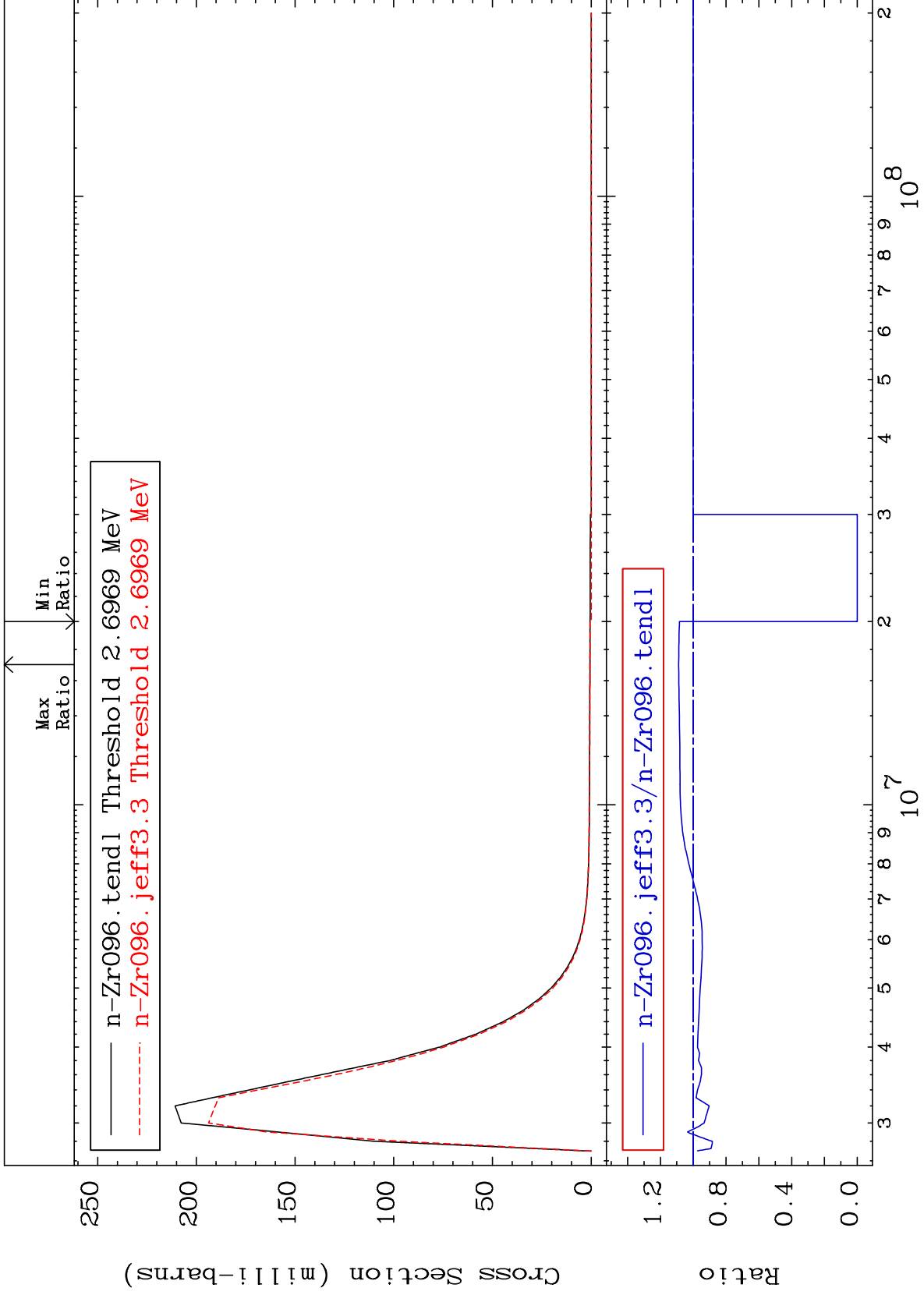
40-Zr-96
-100.0 To 0.000 %



MAT 4043

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

40-Zr-96
-100.0 To 8.881 %



15

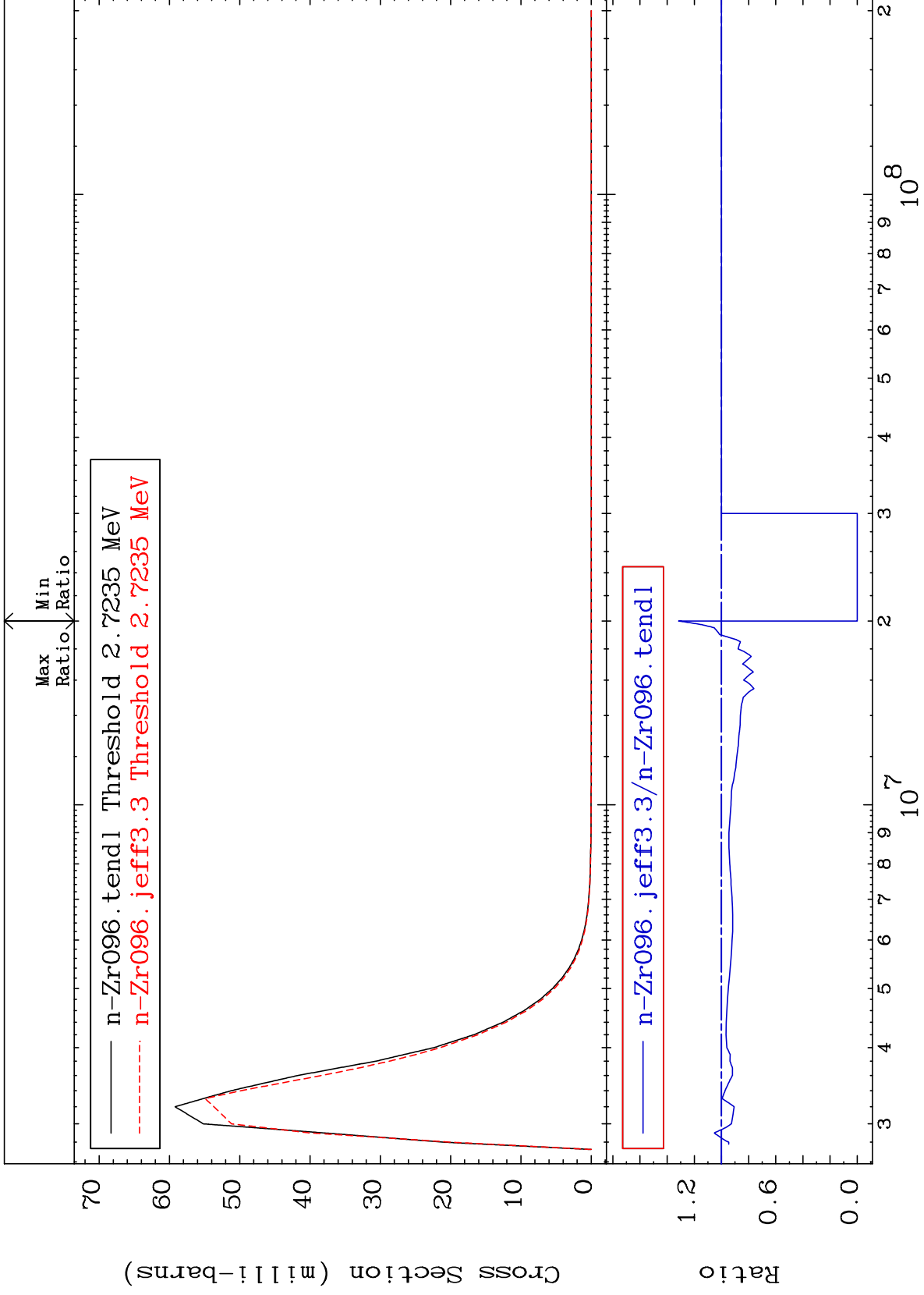
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-100.0 To 31.55 %



16

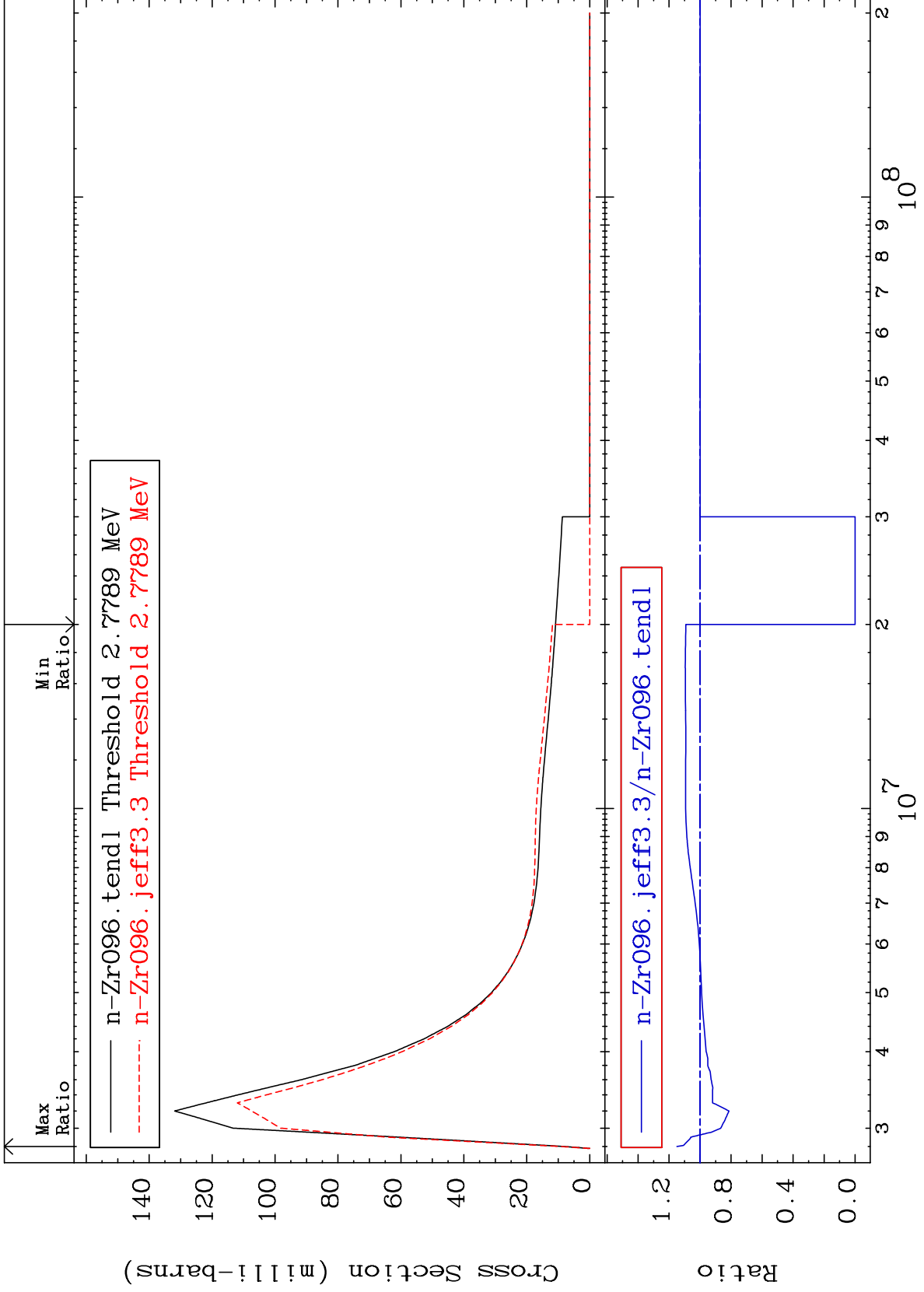
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-100.0 To 14.95 %



17

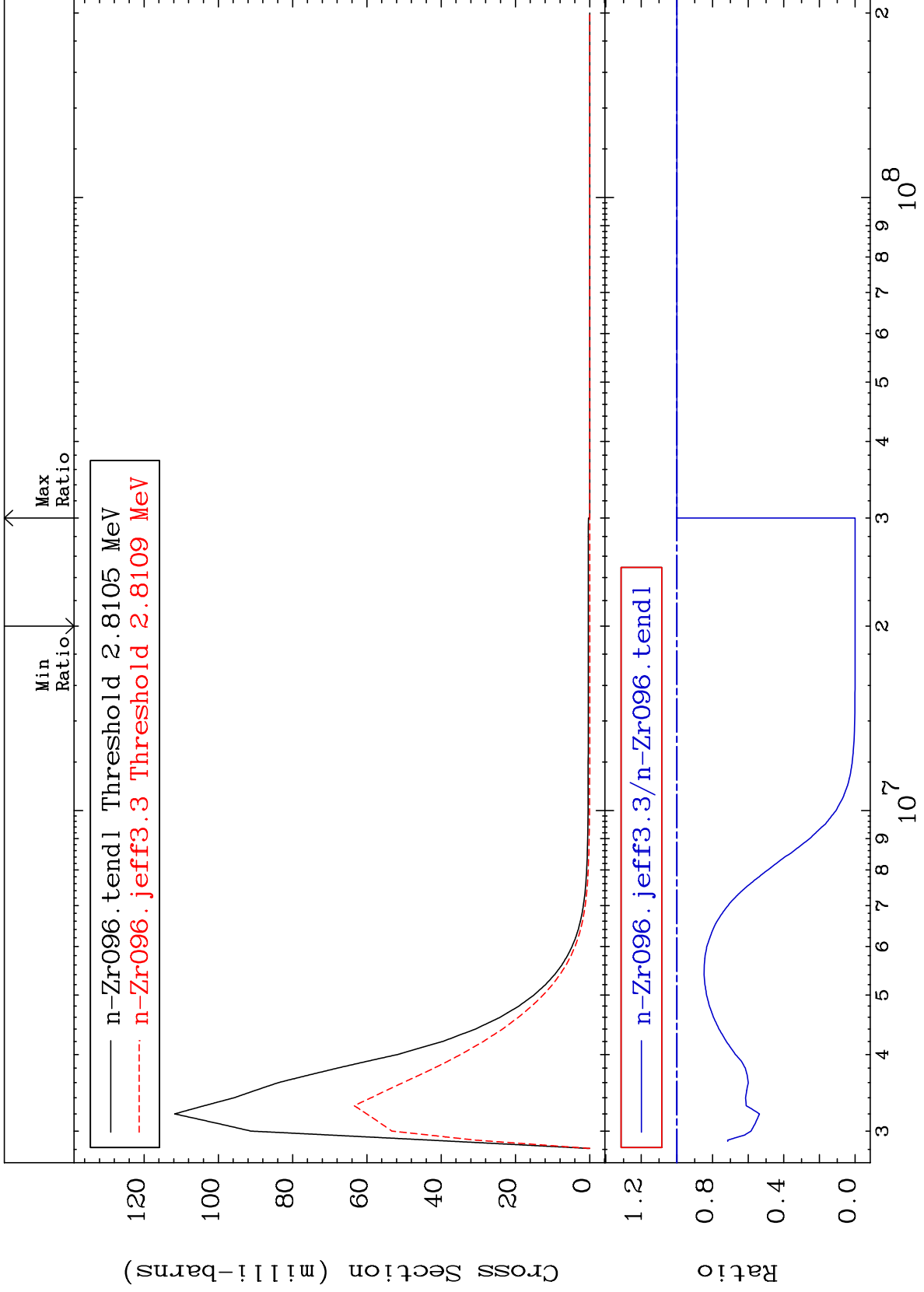
40-Zr-96

40-Zr-96

MAT 4043

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

40-Zr-96
-100.0 To 0.000 %



18

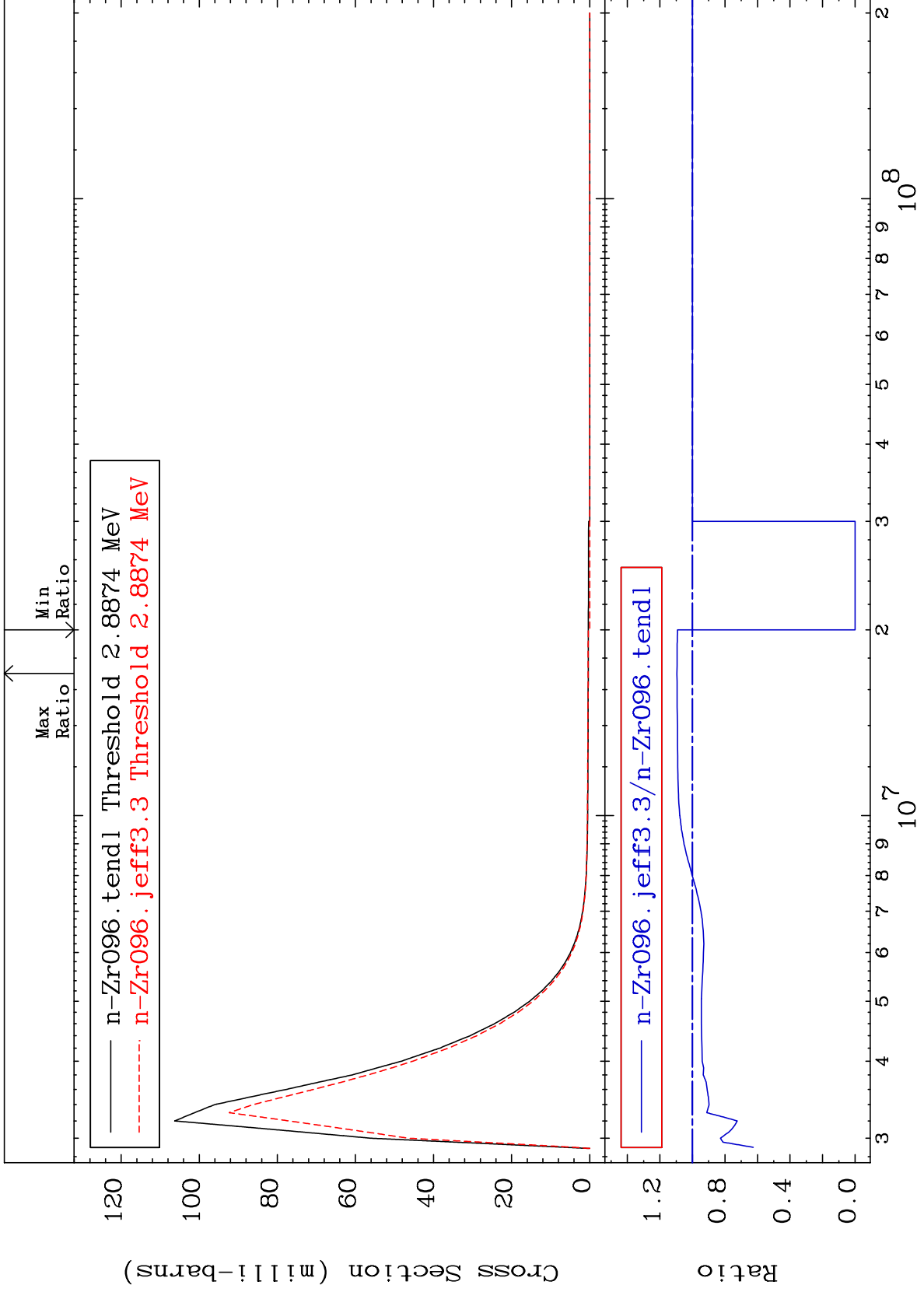
Incident Energy (eV)

40-Zr-96

MAT 4043

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

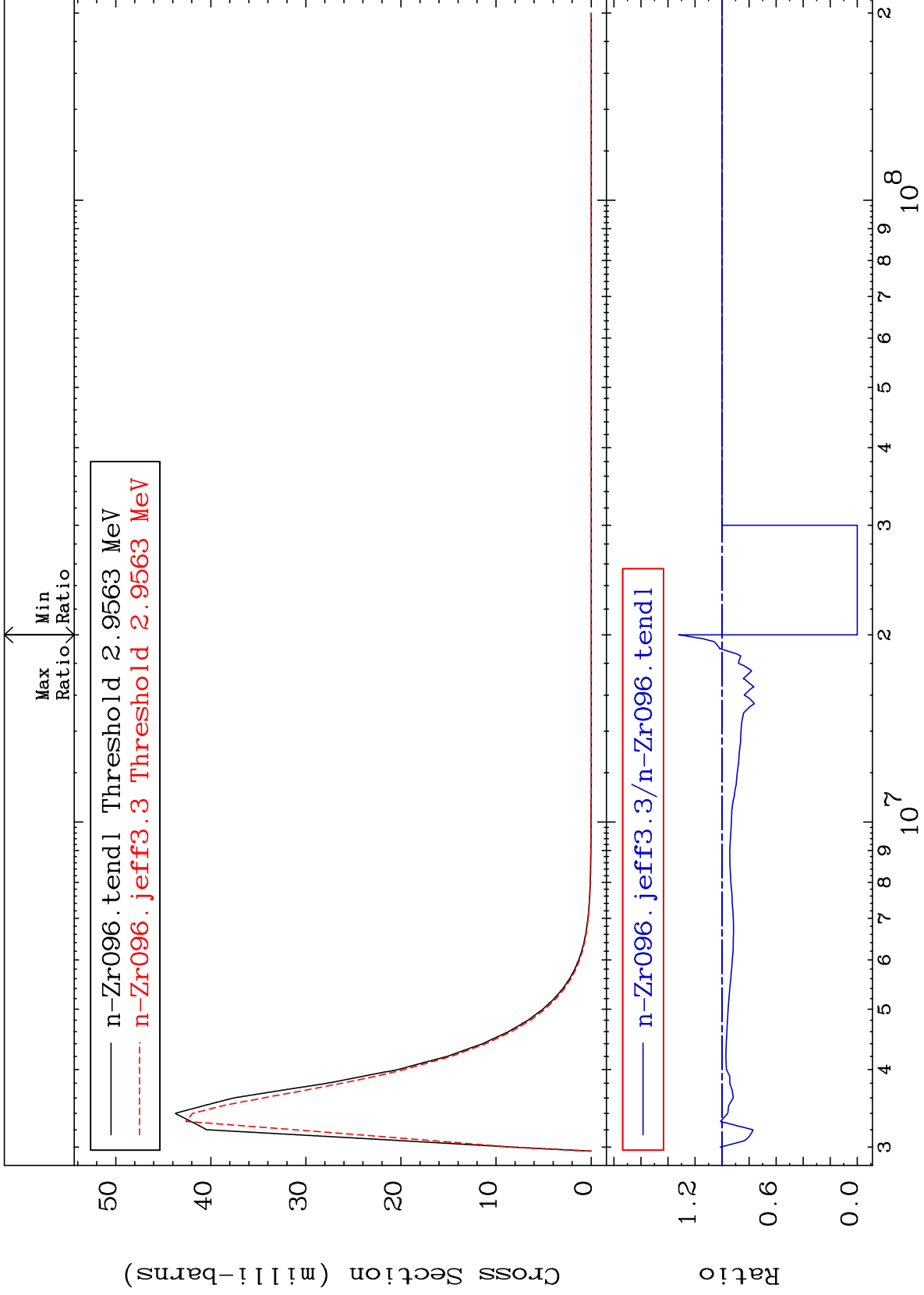
40-Zr-96
-100.0 To 9.545 %



MAT 4043

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

40-Zr-96
-100.0 To 32.11 %



20

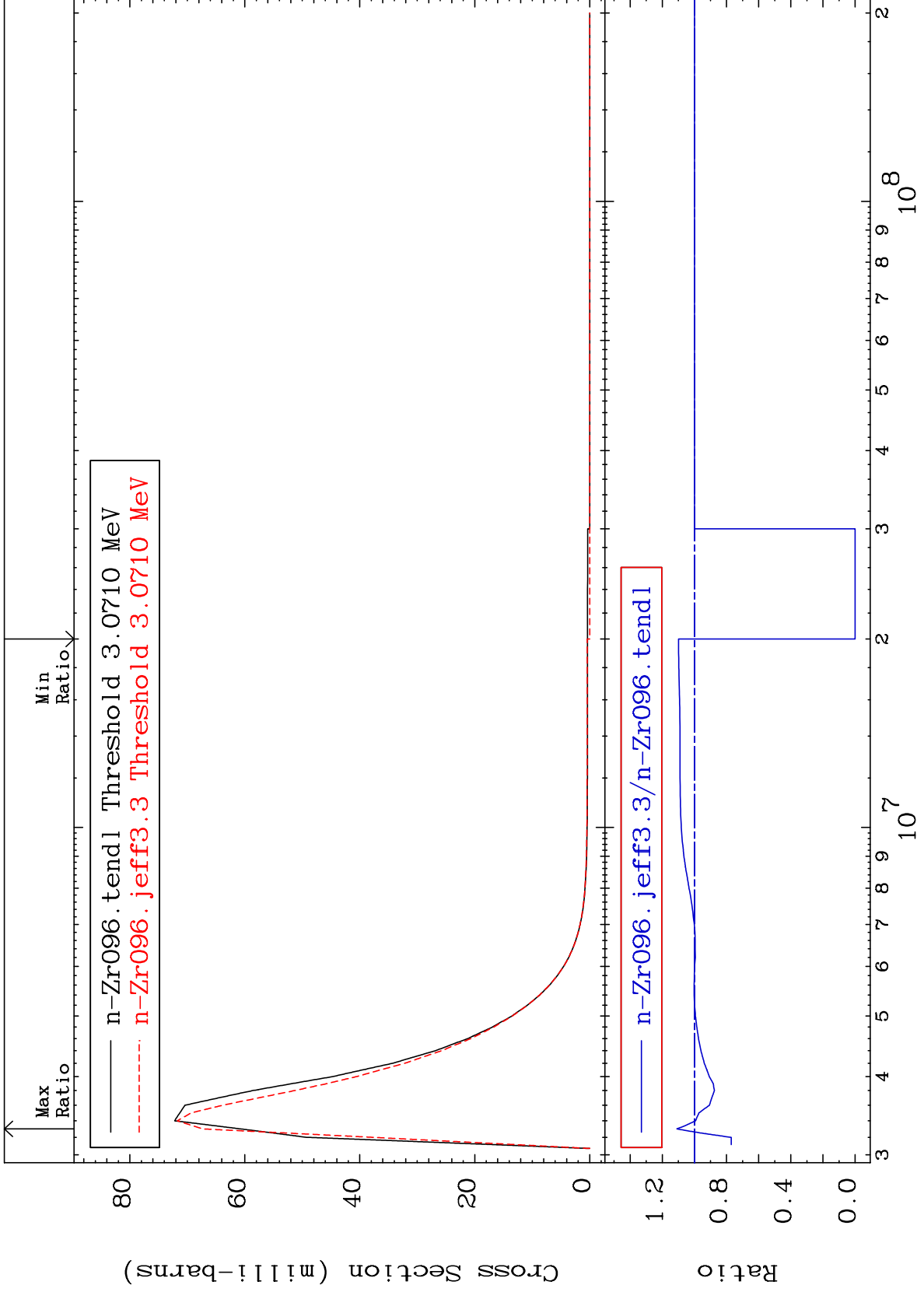
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-100.0 To 10.89 %



21

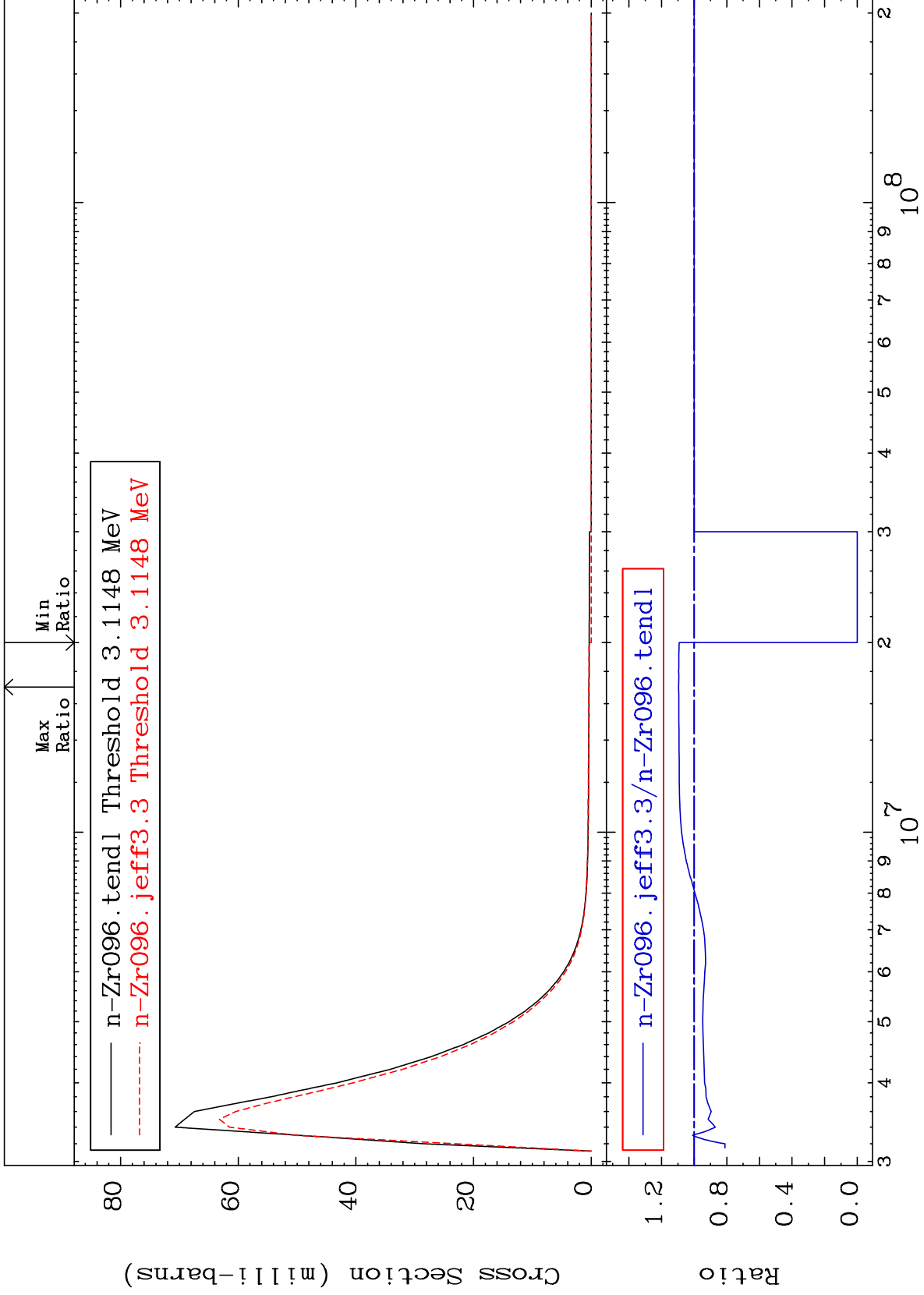
Incident Energy (eV)

40-Zr-96

MAT 4043

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

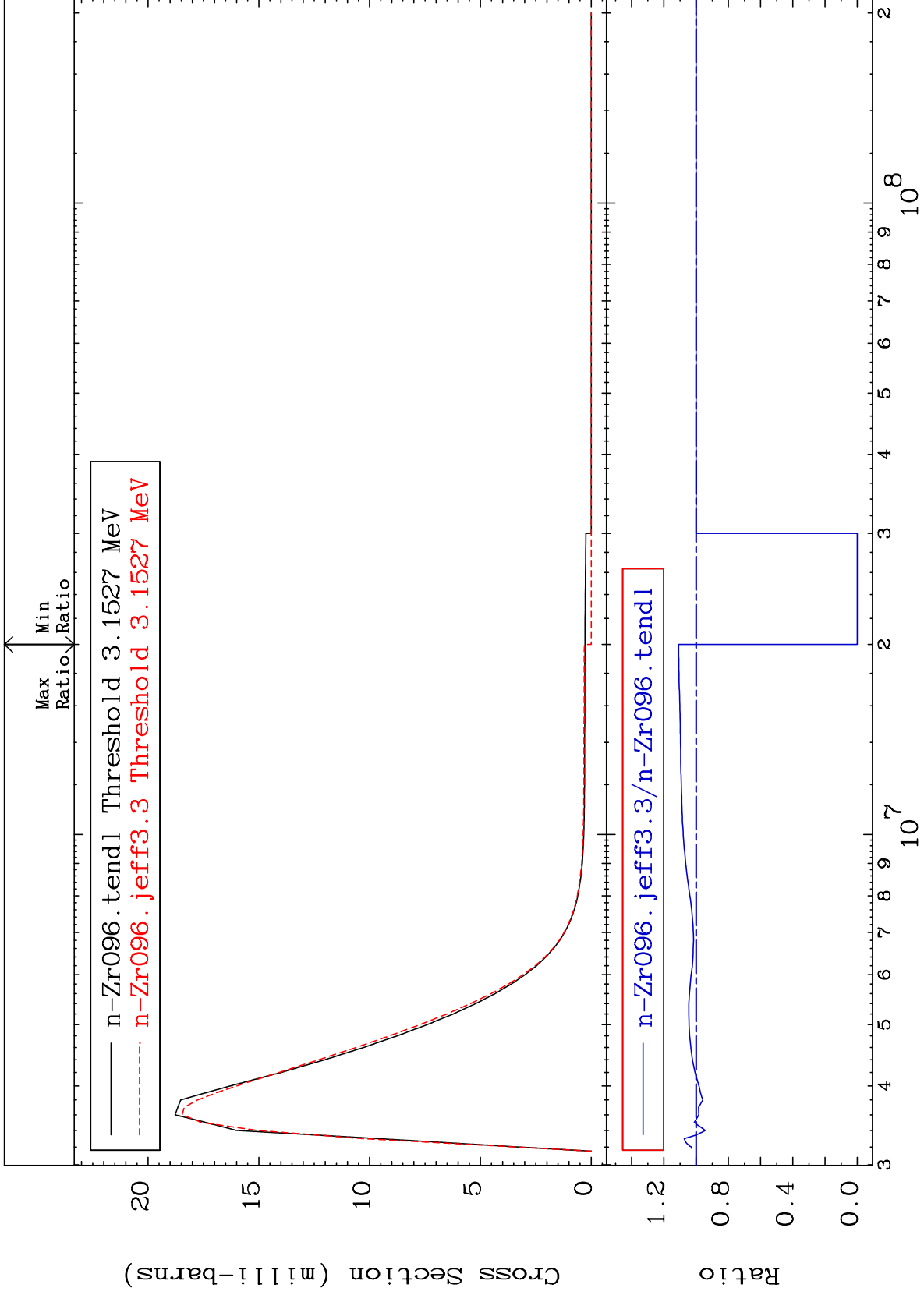
40-Zr-96
-100.0 To 9.528 %



MAT 4043

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

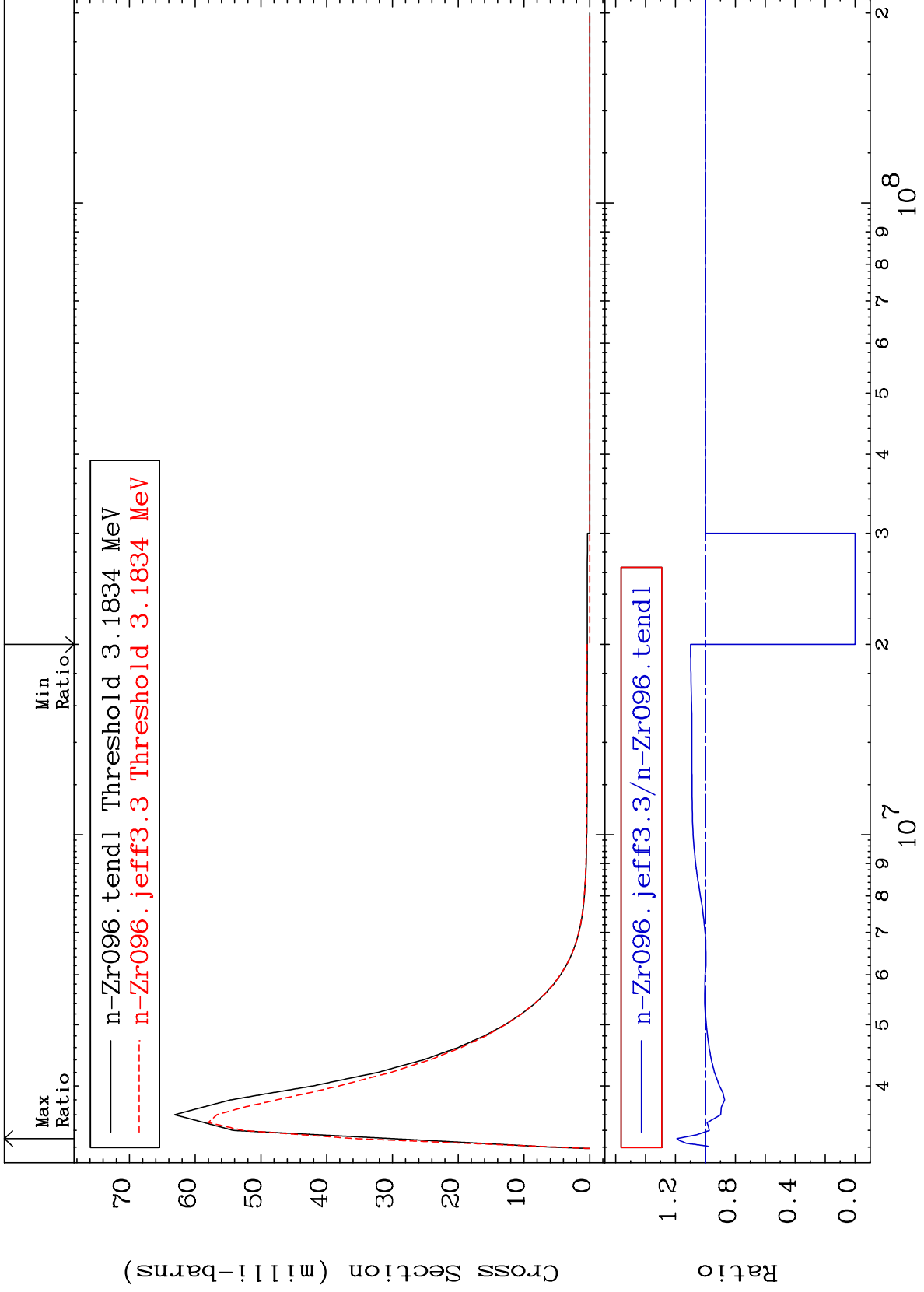
40-Zr-96
-100.0 To 10.82 %



MAT 4043

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

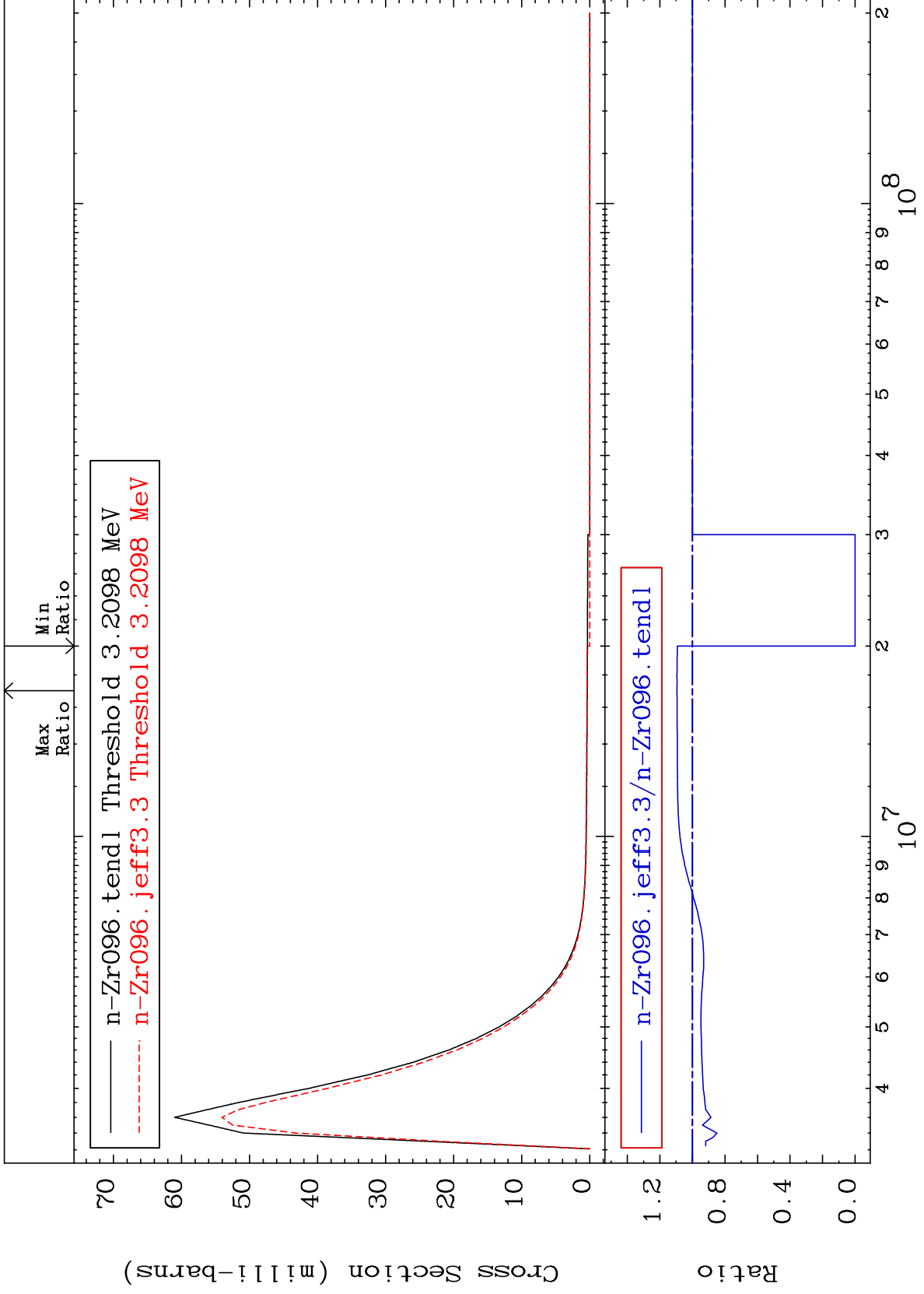
40-Zr-96
-100.0 To 19.02 %



MAT 4043

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

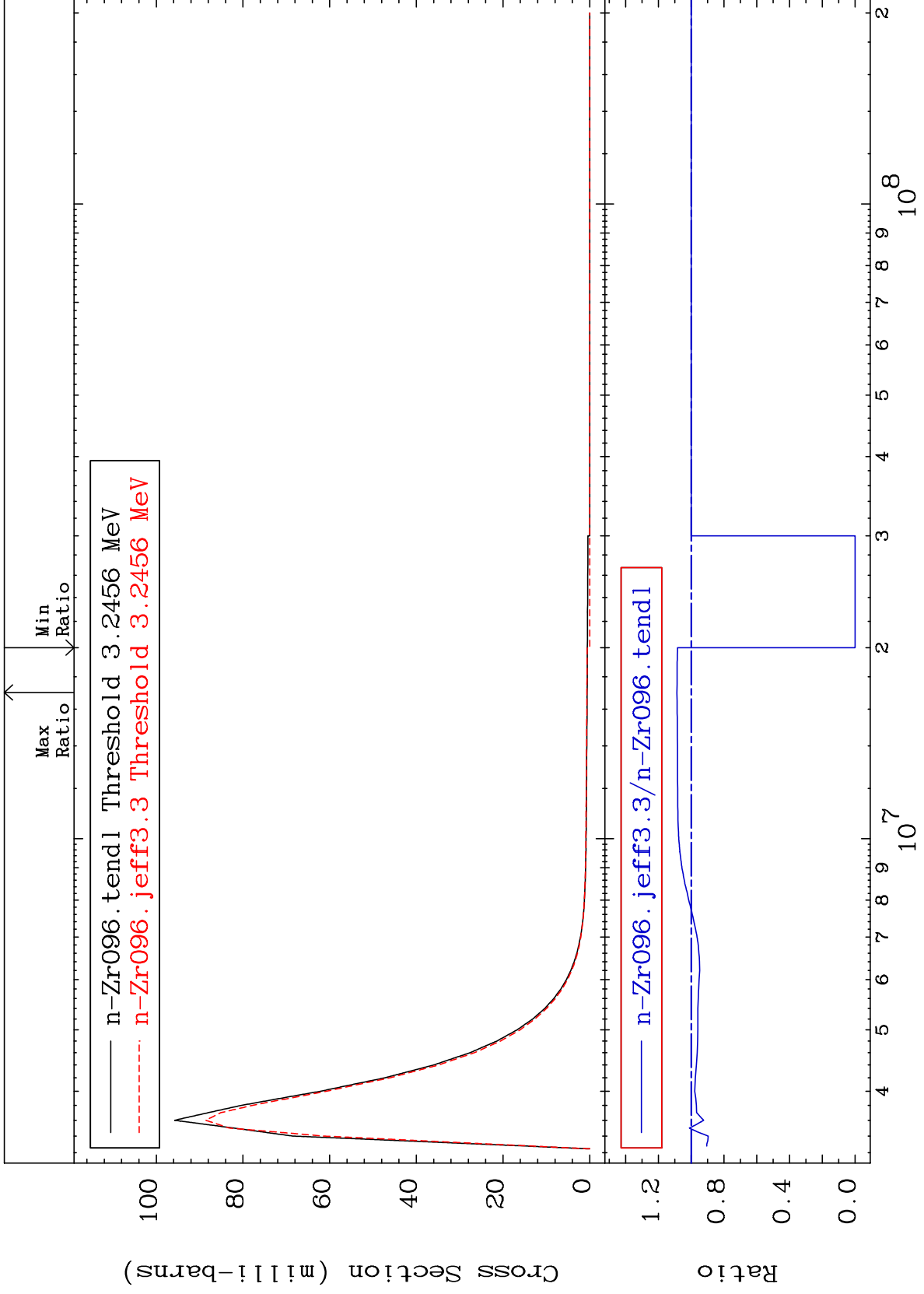
40-Zr-96
-100.0 To 9.520 %



MAT 4043

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

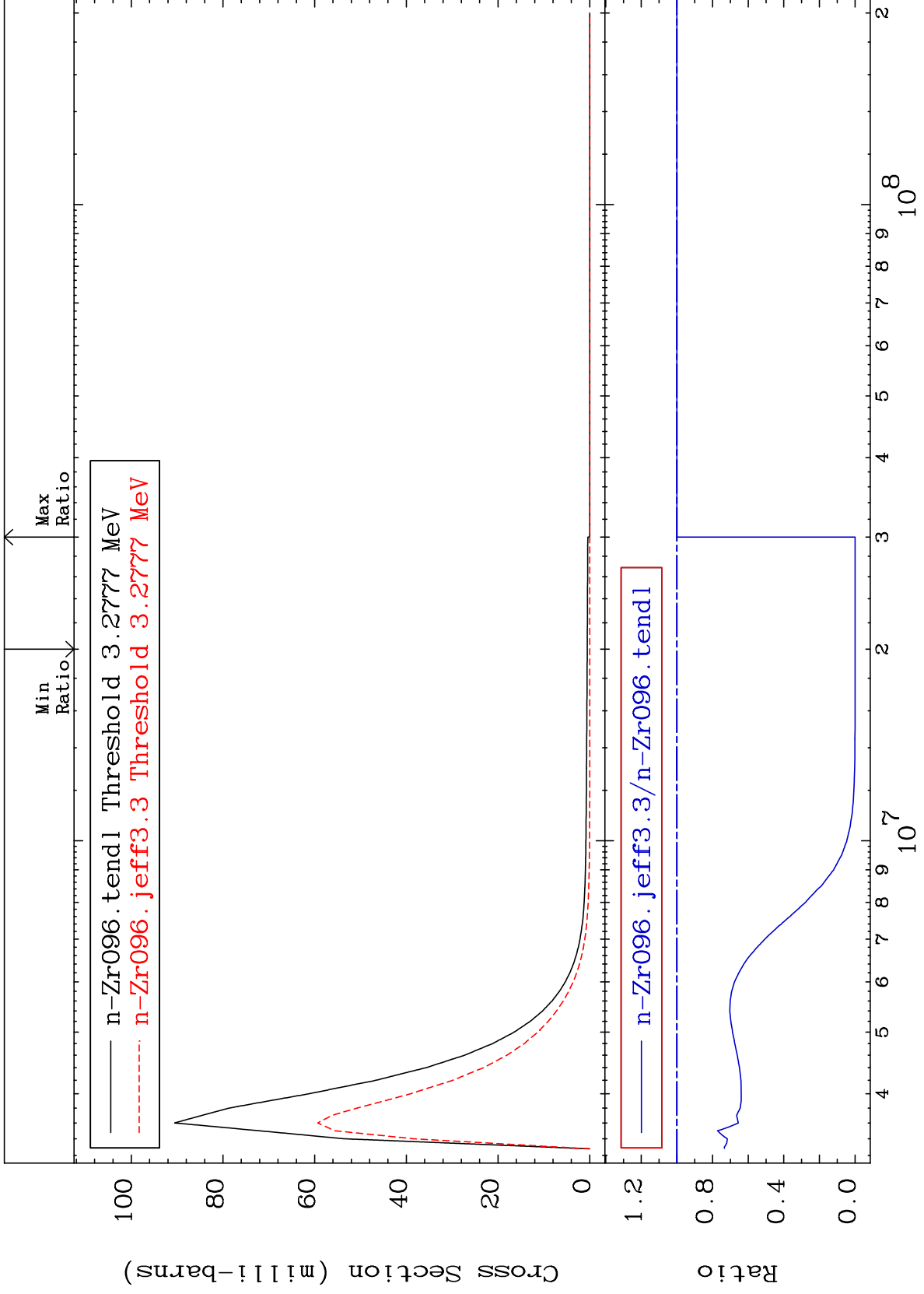
40-Zr-96
-100.0 To 8.741 %



MAT 4043

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

40-Zr-96
-100.0 To 0.000 %



27

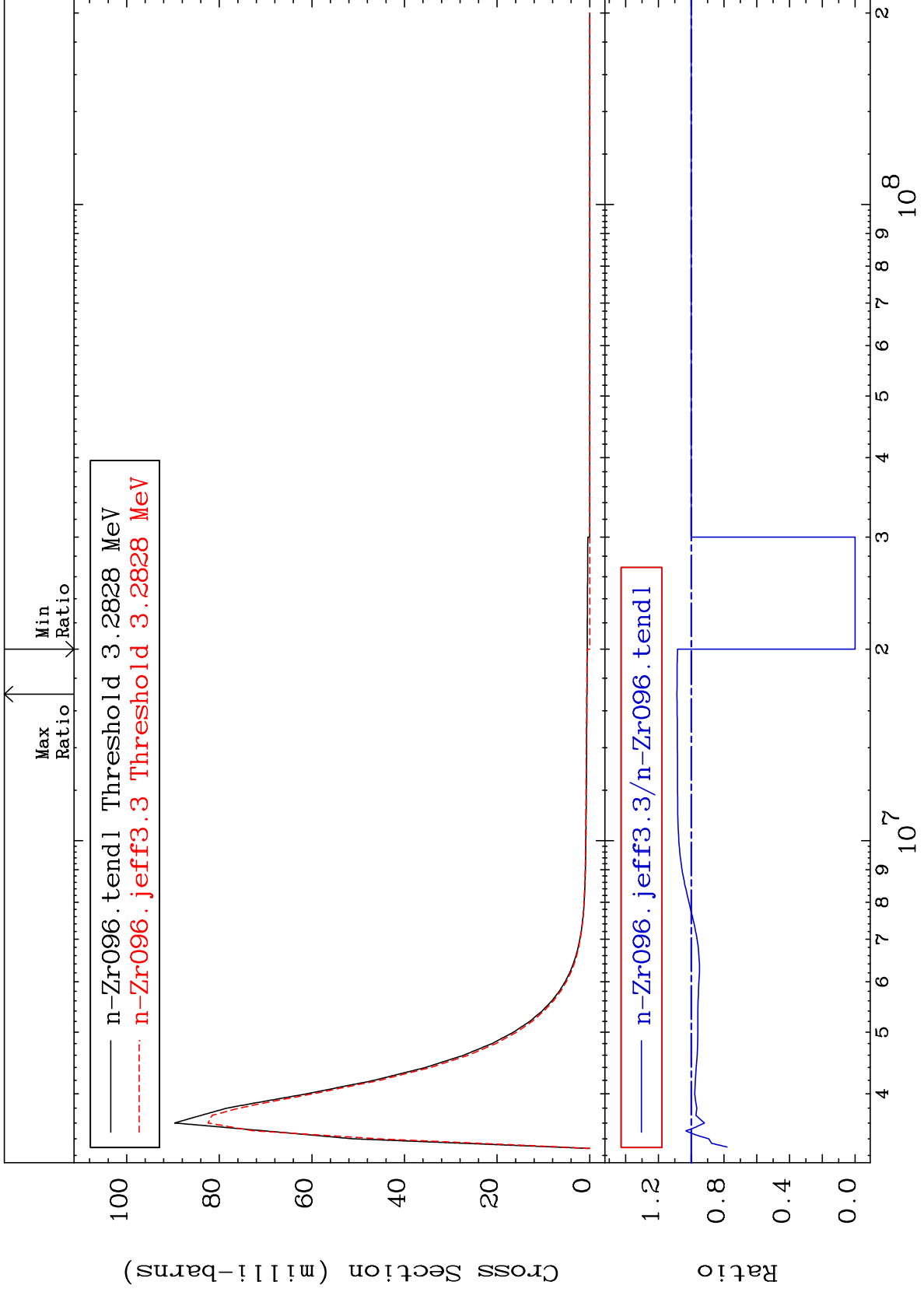
Incident Energy (eV)

40-Zr-96

MAT 4043

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

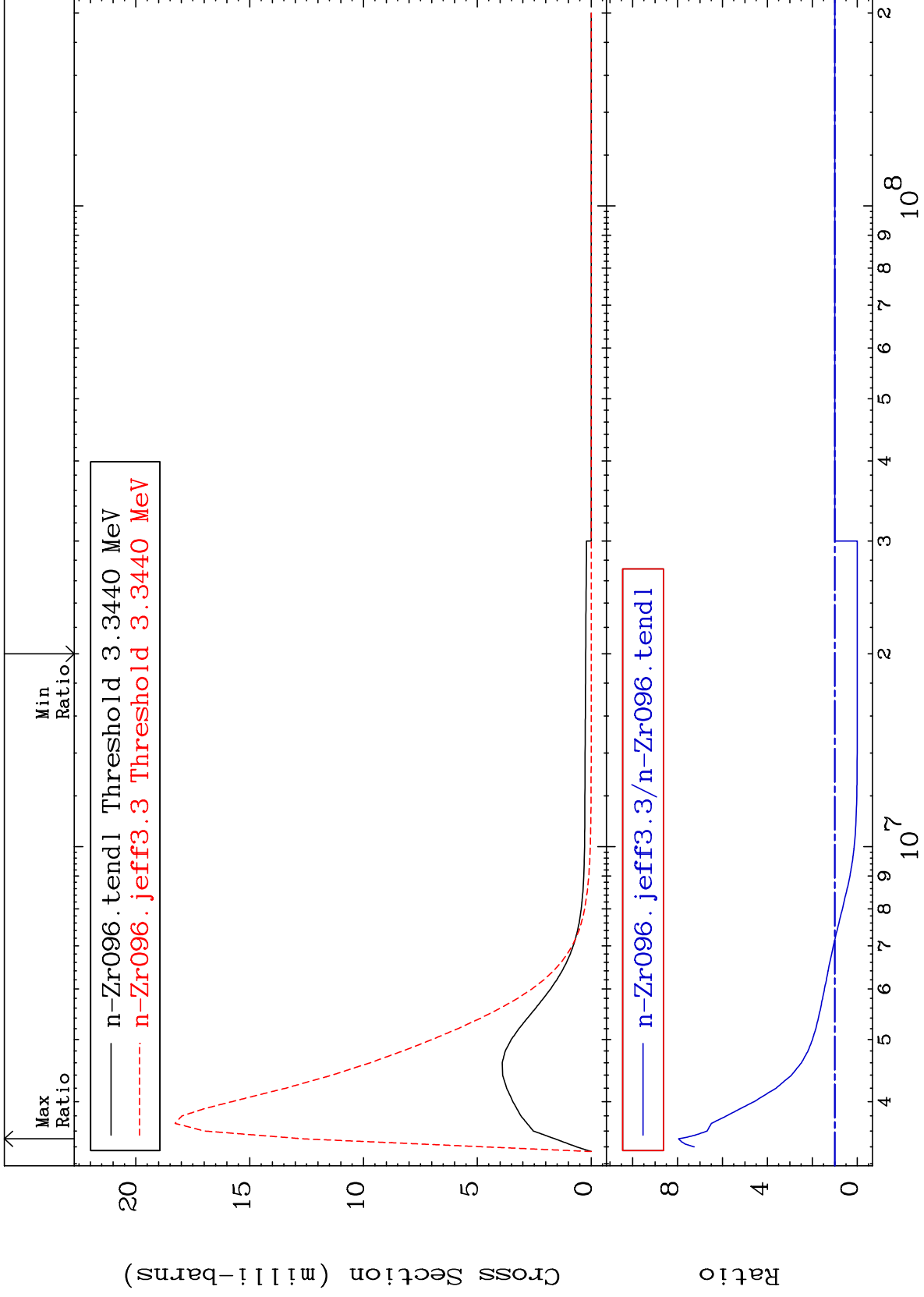
40-Zr-96
-100.0 To 8.731 %



MAT 4043

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

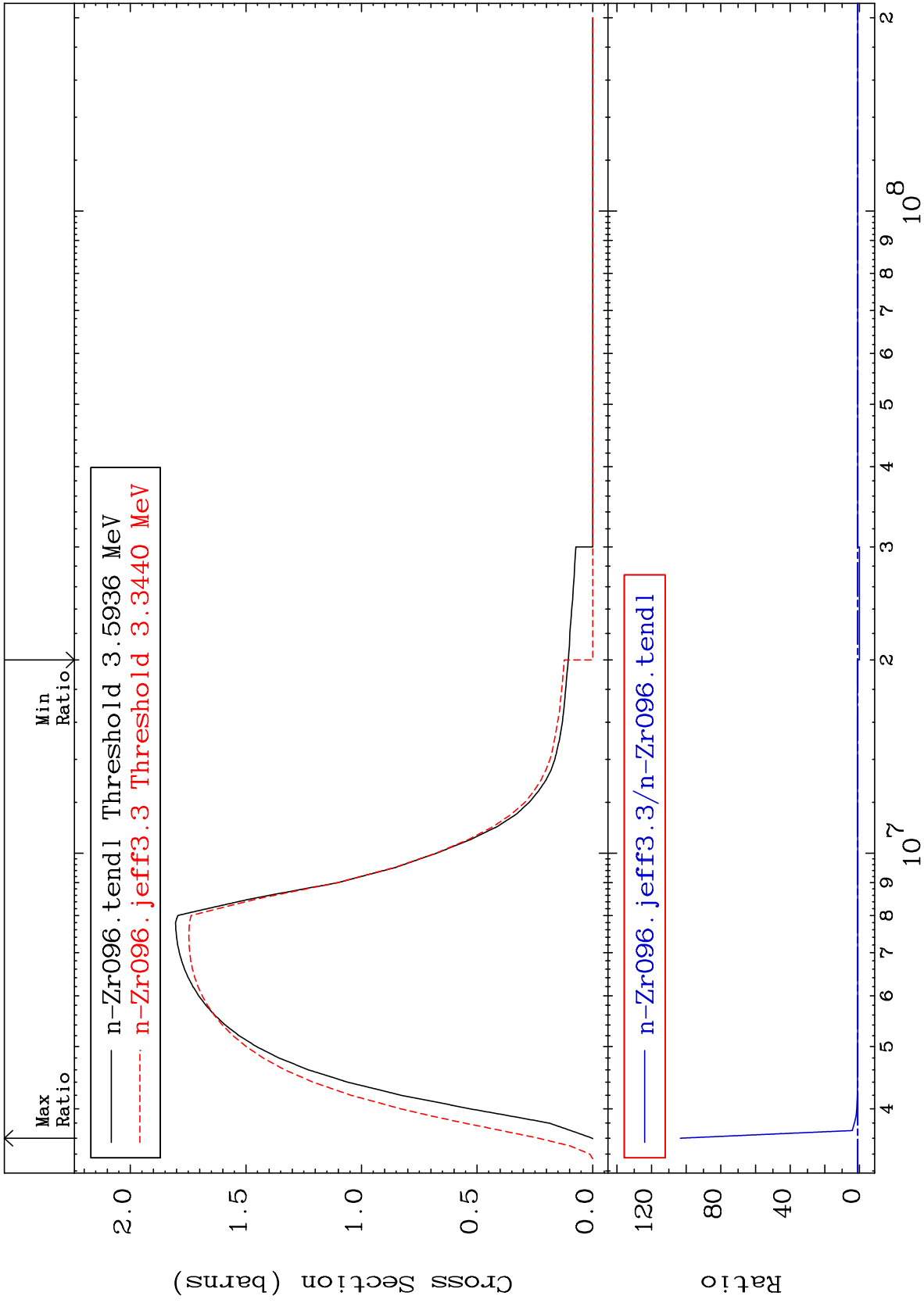
40-Zr-96
-100.0 To 694.8 %



MAT 4043

(n, n') Continuum
Cross Section

40-Zr-96
-100.0 To 9999. %



30

Incident Energy (eV)

40-Zr-96

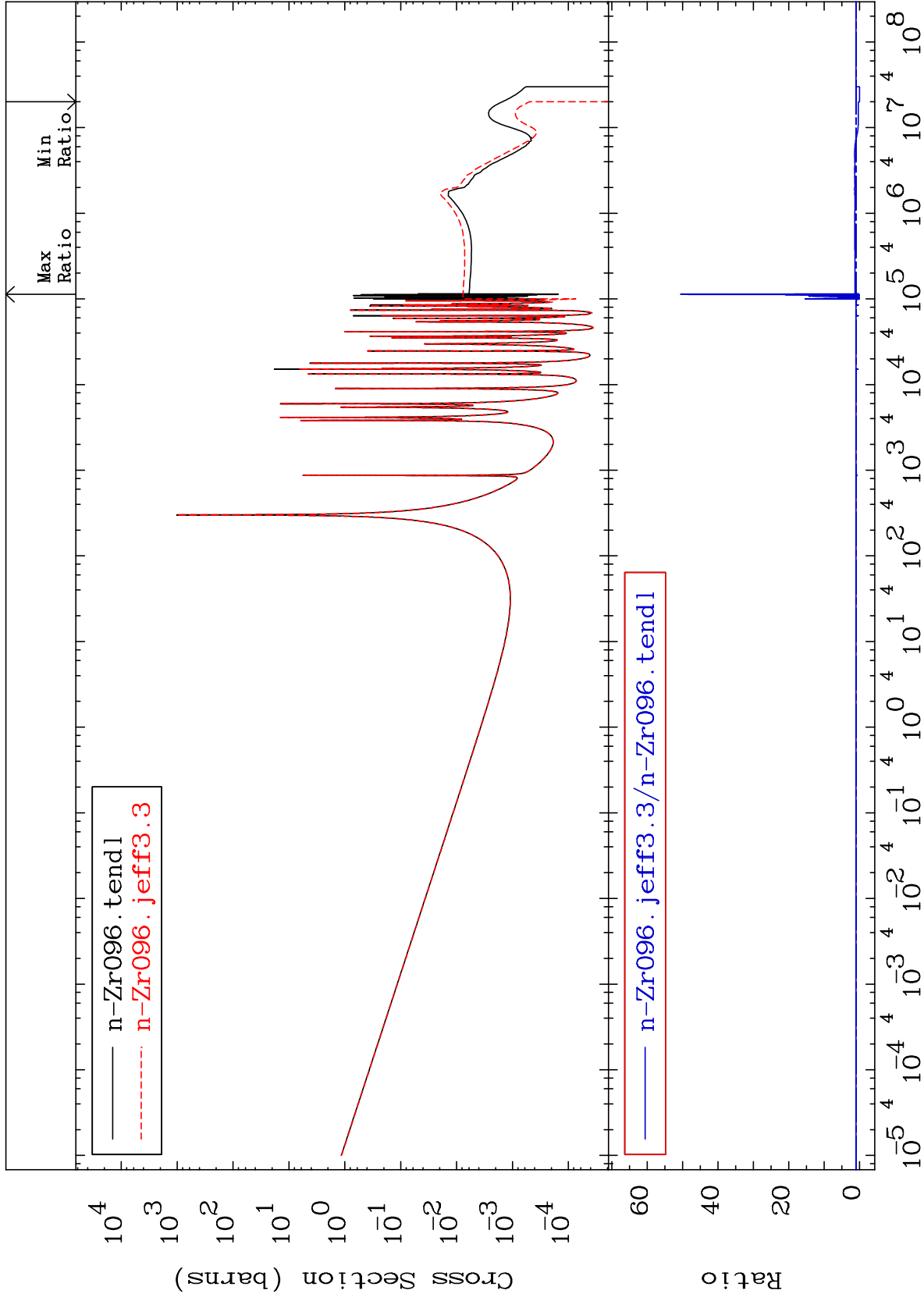
MAT 4043

(n, γ)

40-Zr-96

Cross Section

-100.0 To 4954. %



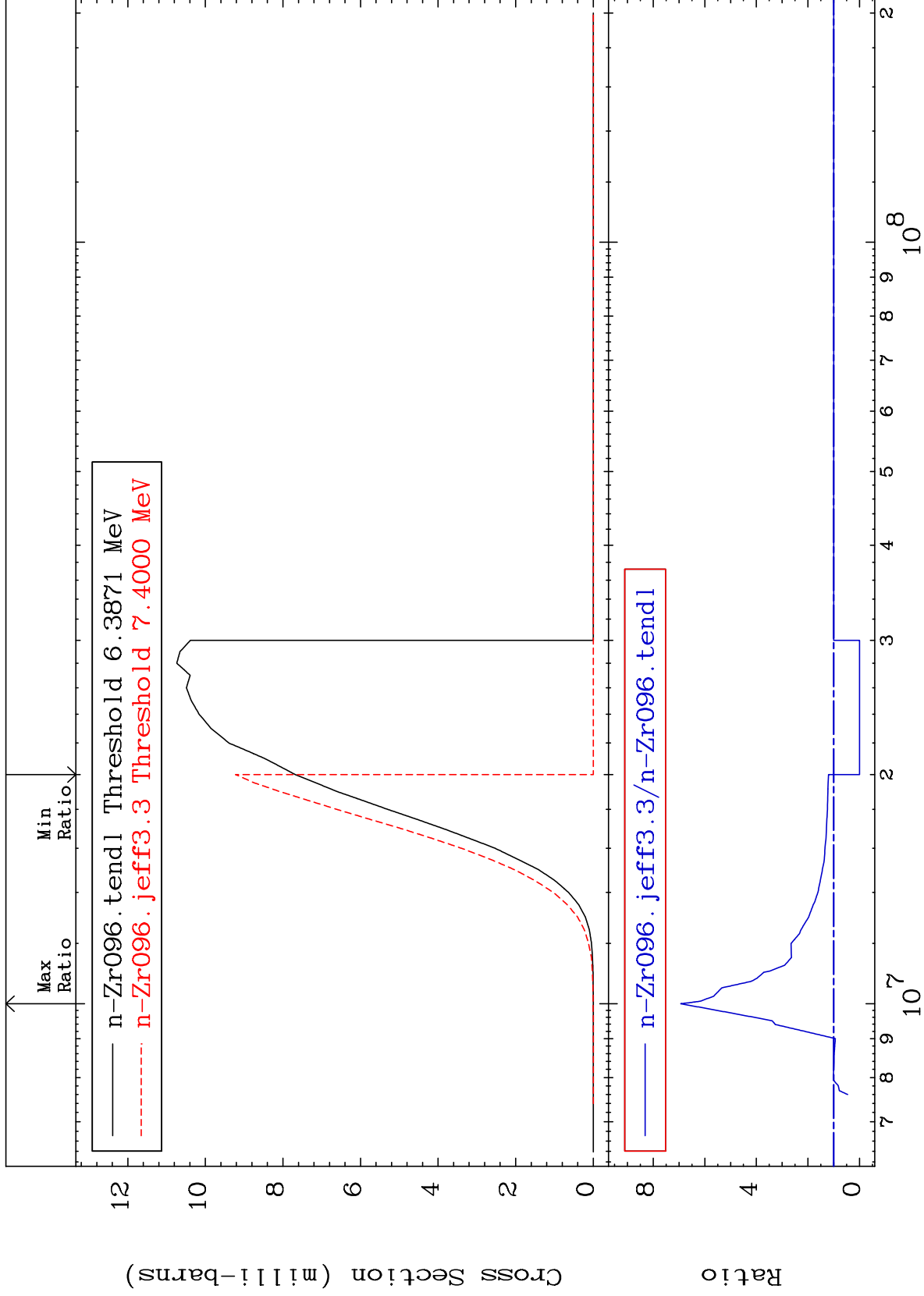
MAT 4043

(n, p)

40-Zr-96

Cross Section

-100.0 To 593.1 %



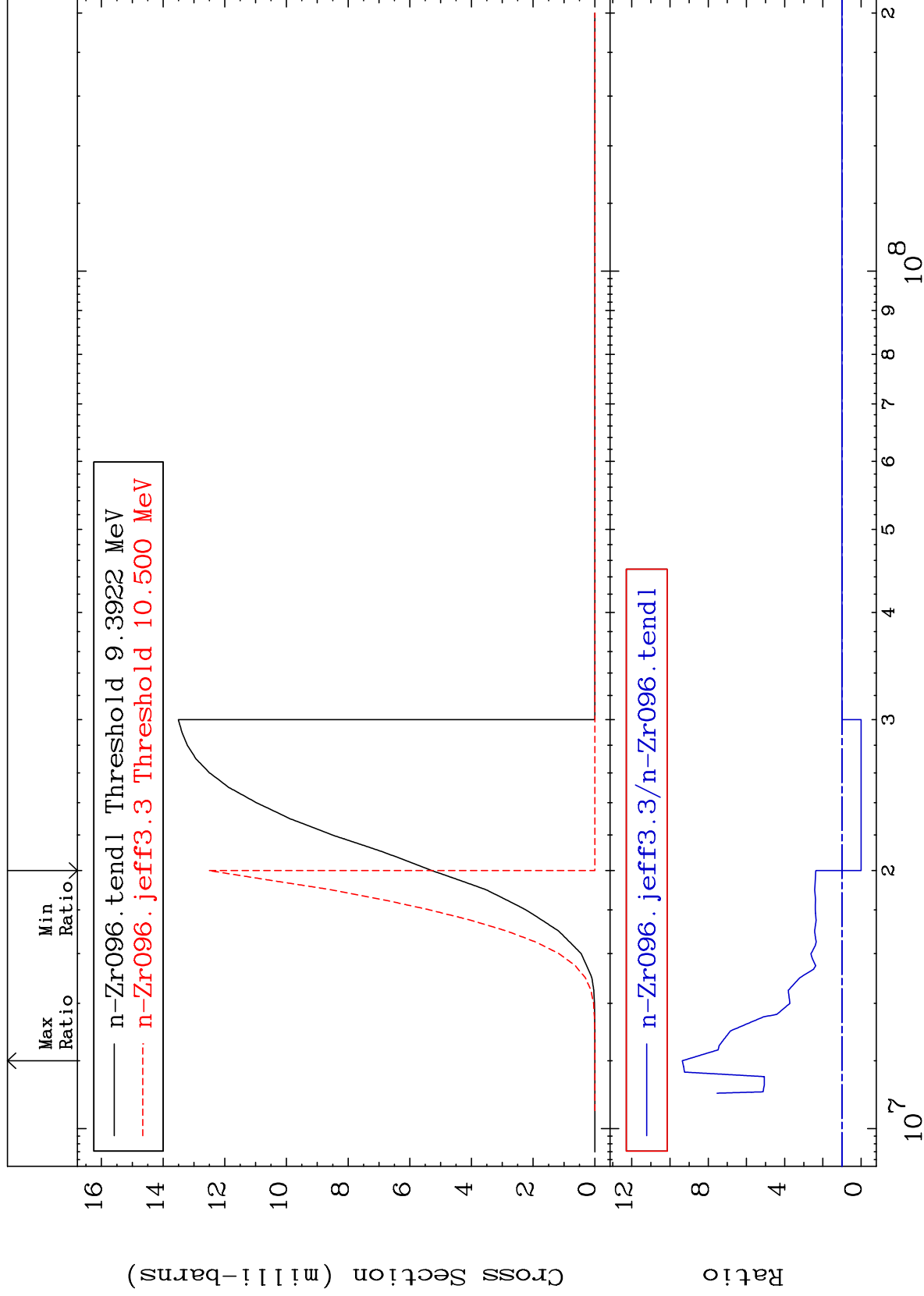
MAT 4043

(n, d)

40-Zr-96

Cross Section

-100.0 To 835.6 %



33

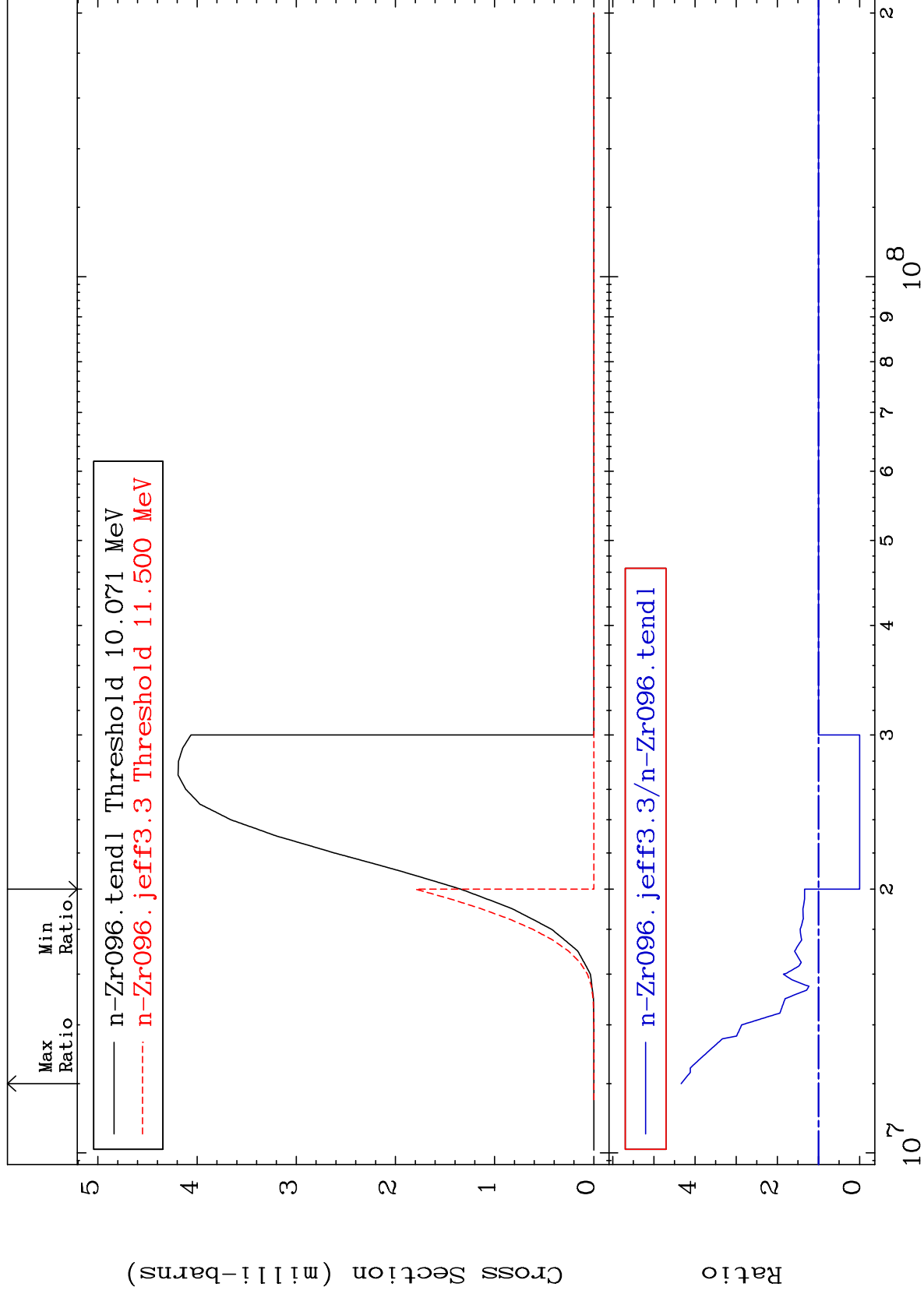
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, t)
Cross Section

40-Zr-96
-100.0 To 333.9 %



34

40-Zr-96

40-Zr-96

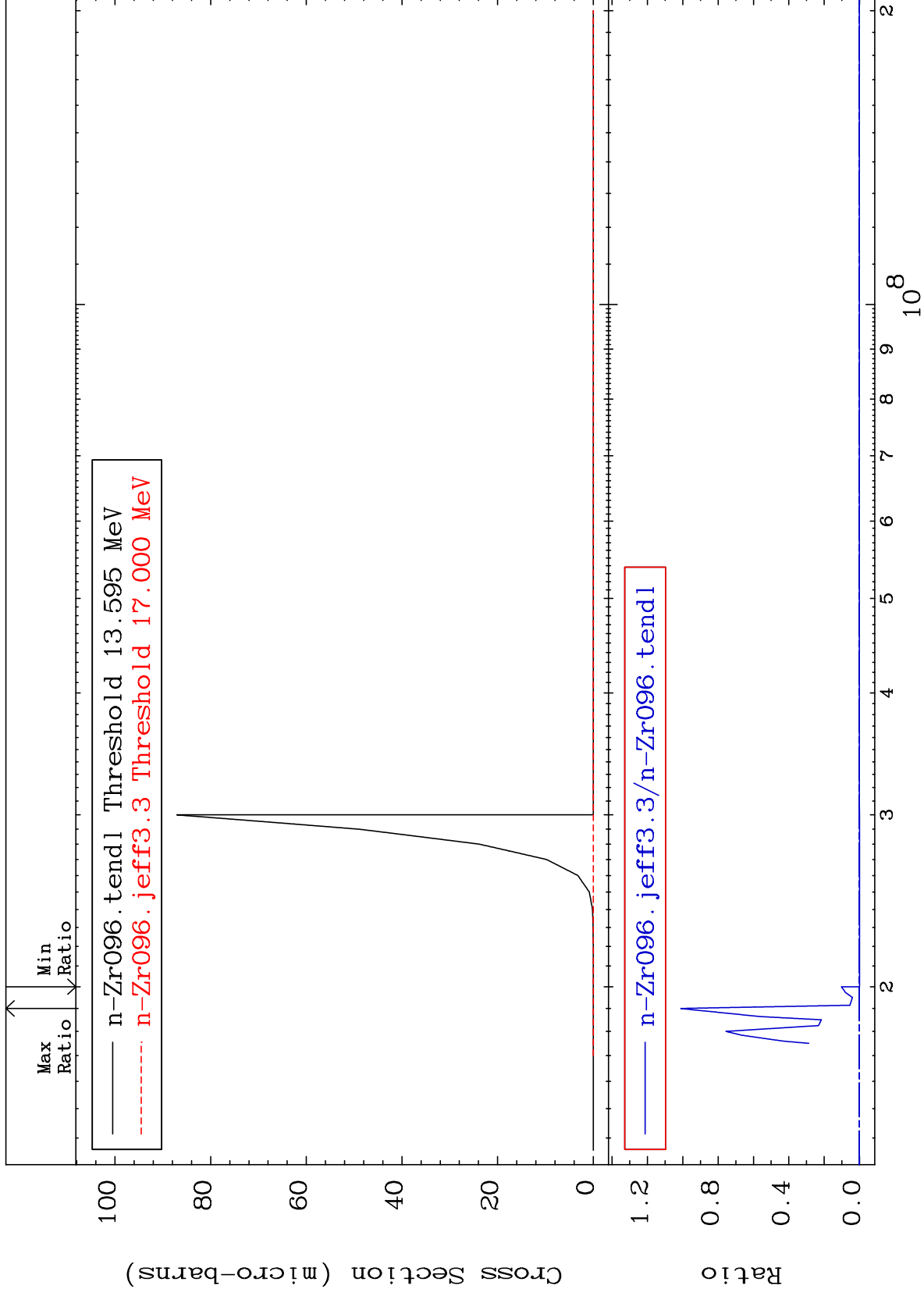
MAT 4043

(n, He-3)

40-Zr-96

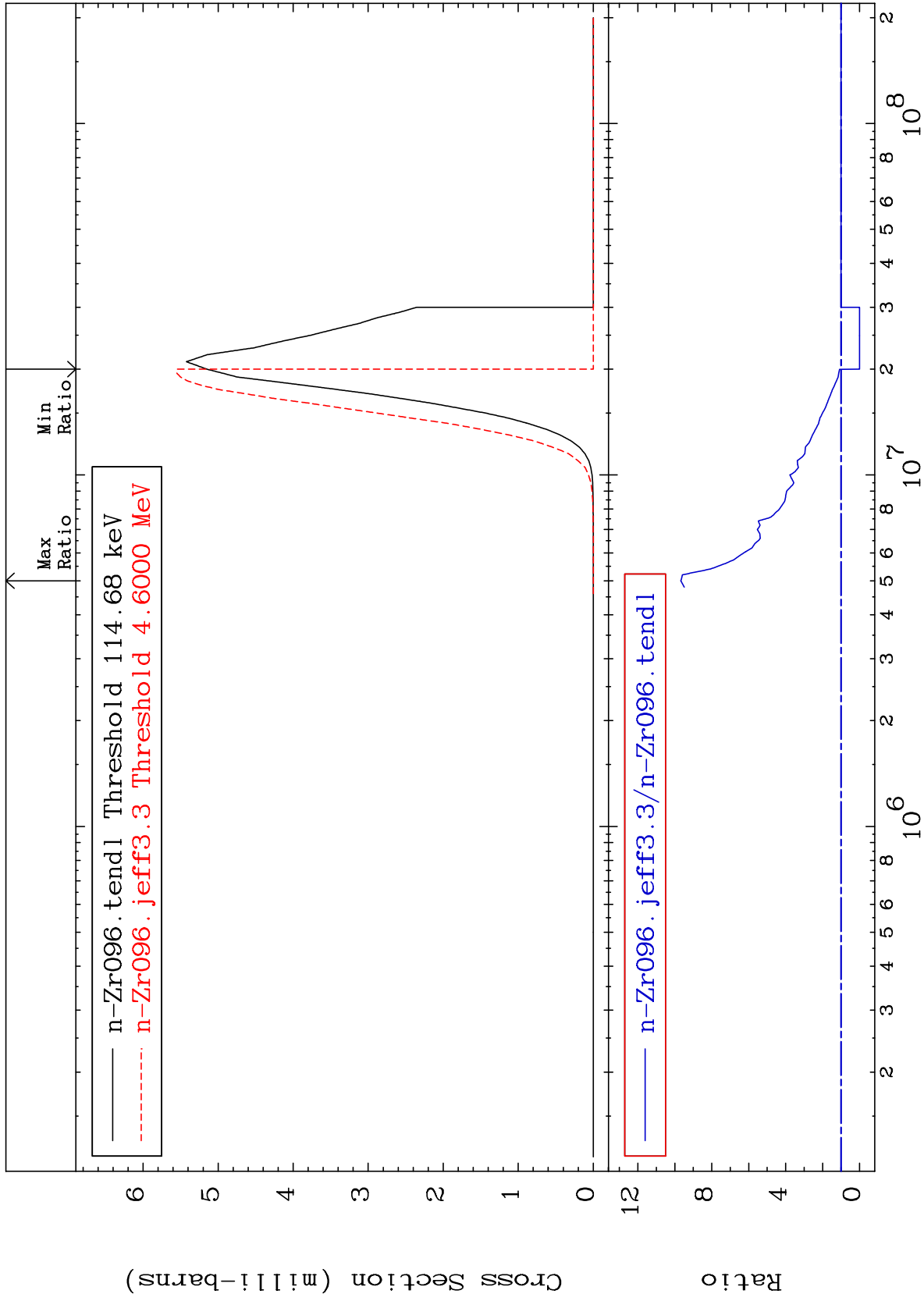
Cross Section

-100.0 To 9999. %



MAT 4043

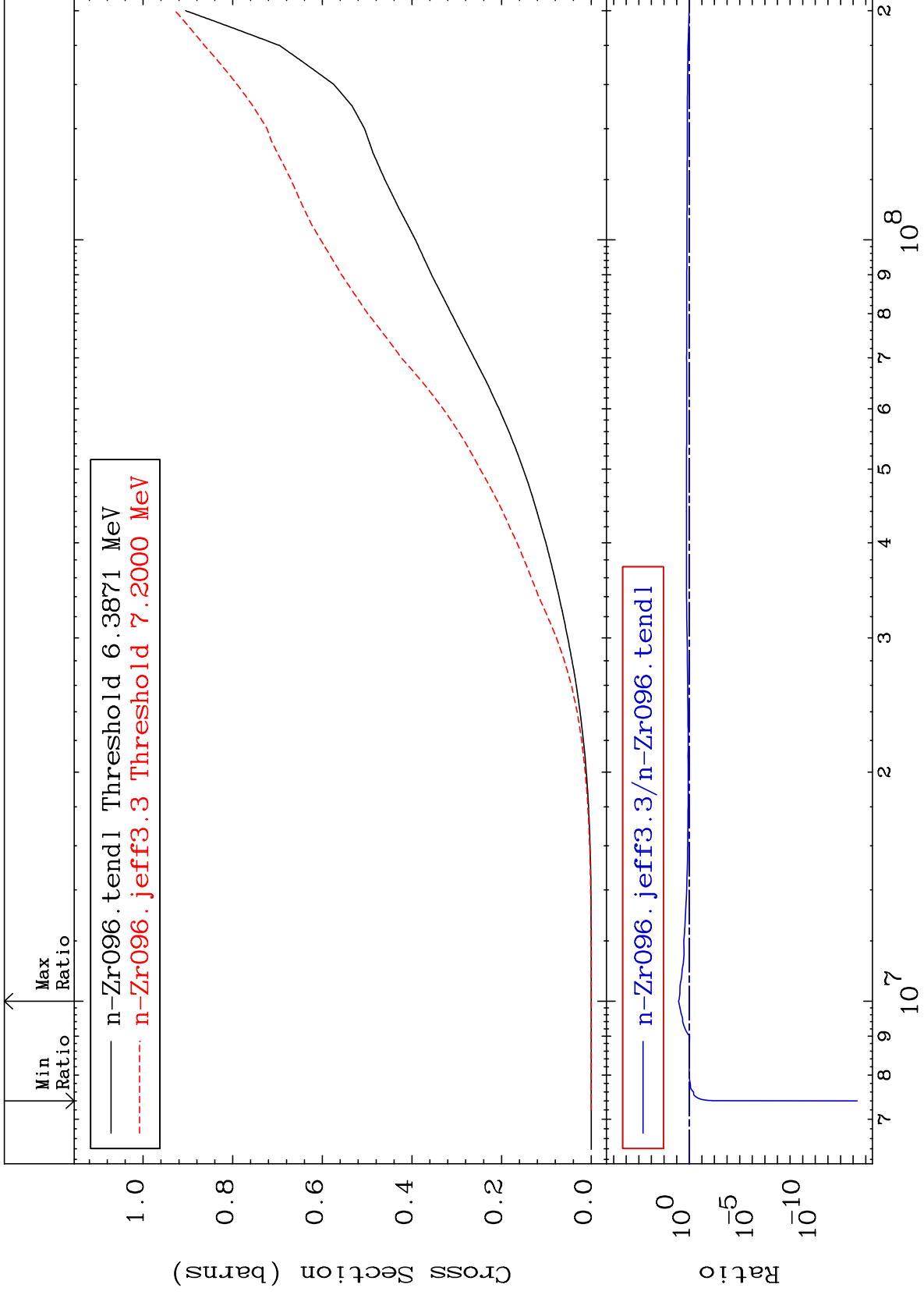
(n, α)
Cross Section
40-Zr-96
-100.0 To 867.7 %



MAT 4043

Hydrogen Production
Cross Section

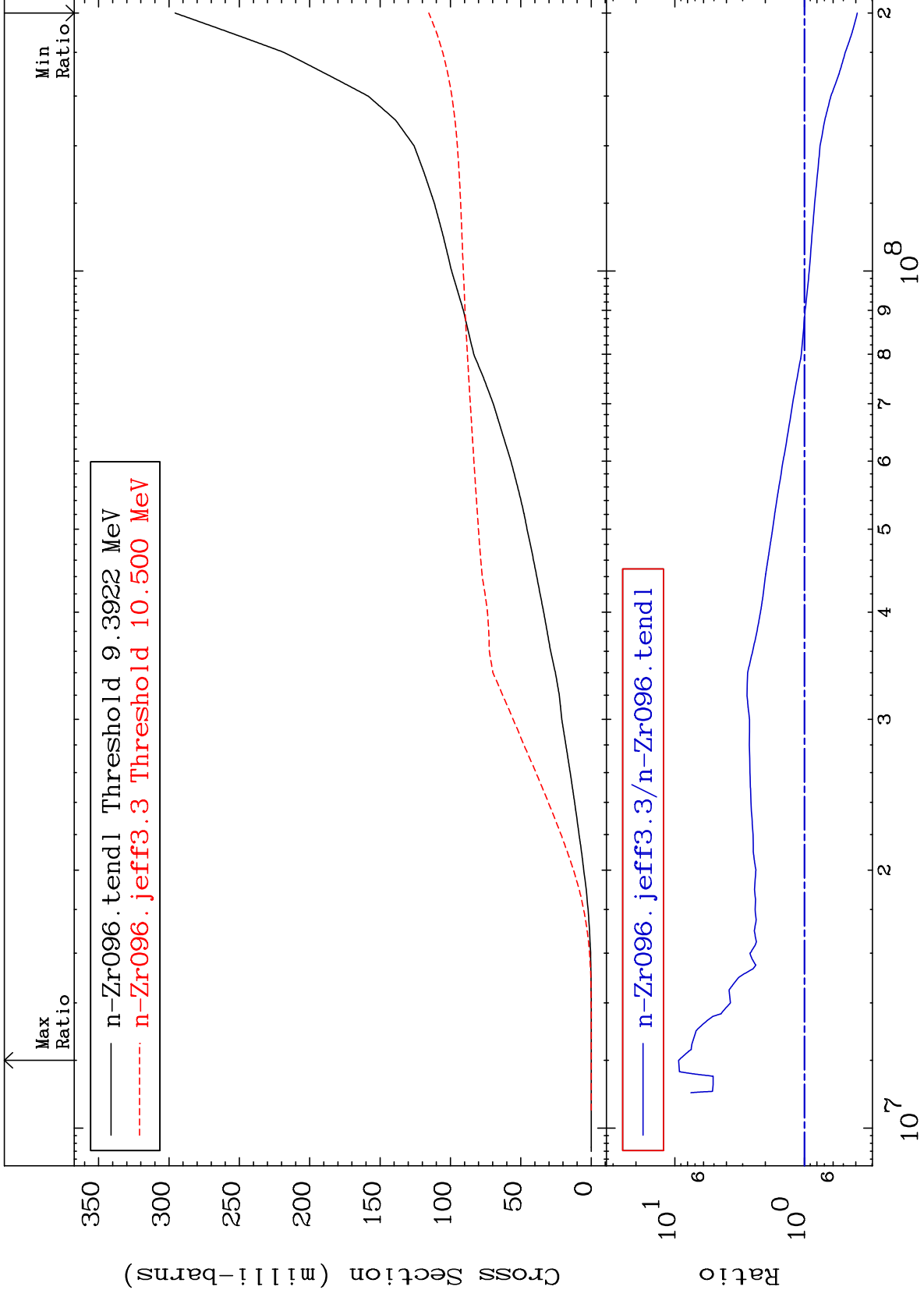
40-Zr-96
-100.0 To 593.1 %



MAT 4043

Deuterium Production
Cross Section

40-Zr-96
-60.99 To 835.6 %



40-Zr-96

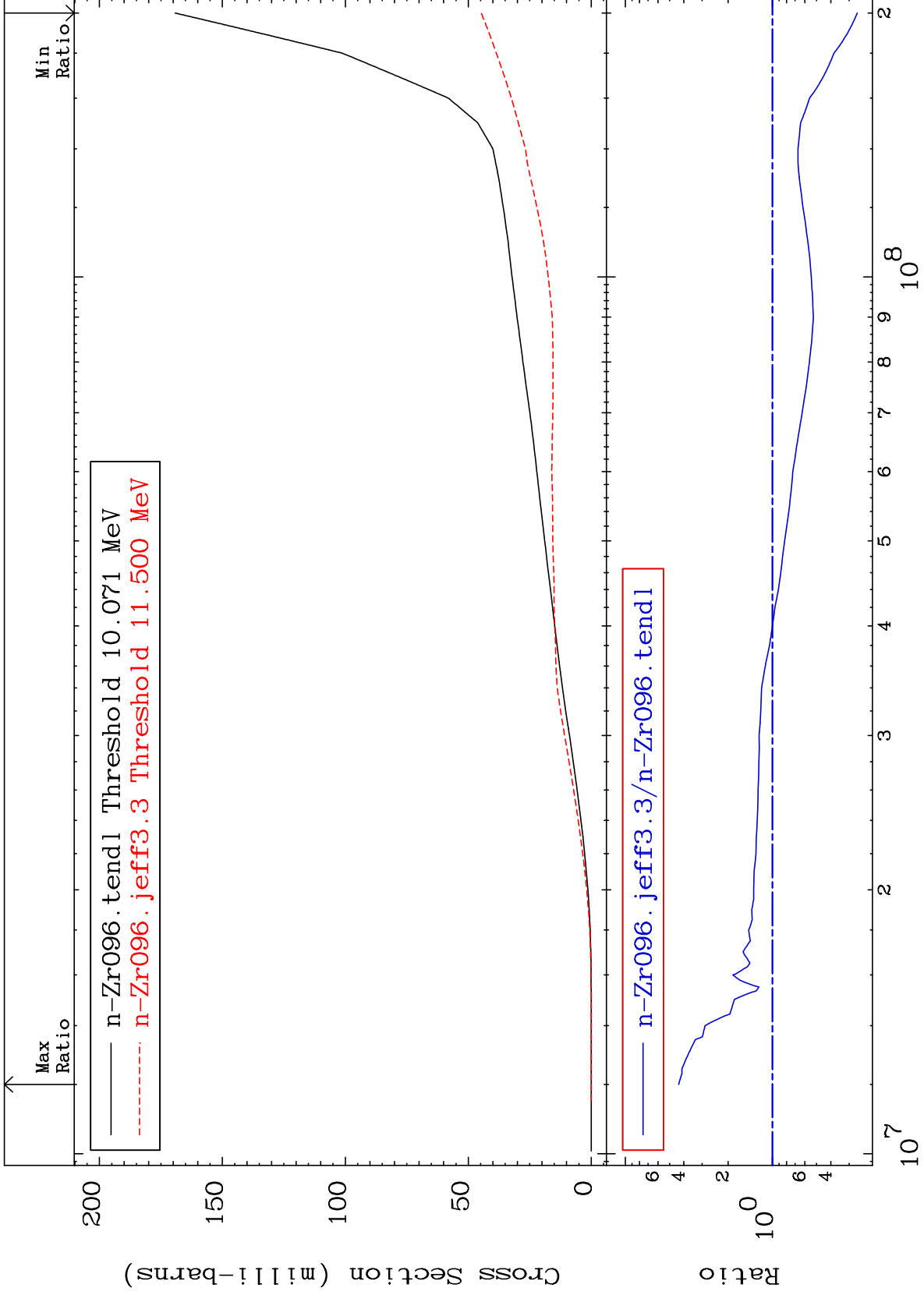
Incident Energy (eV)

38

MAT 4043

Tritium Production
Cross Section

40-Zr-96
-73.57 To 333.9 %



39

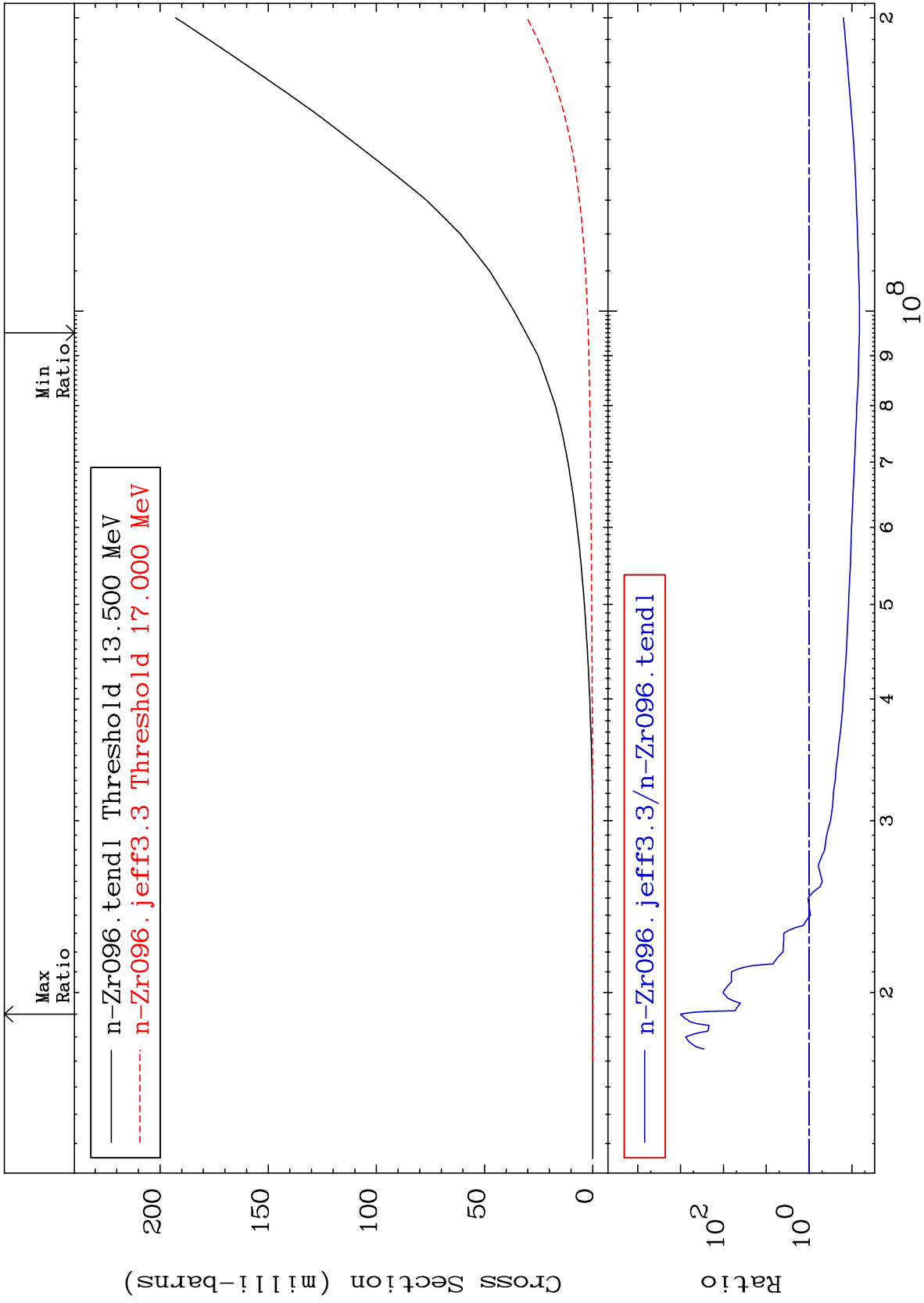
Incident Energy (eV)

40-Zr-96

MAT 4043

He-3 Production
Cross Section

40-Zr-96
-93.28 To 9999. %



40

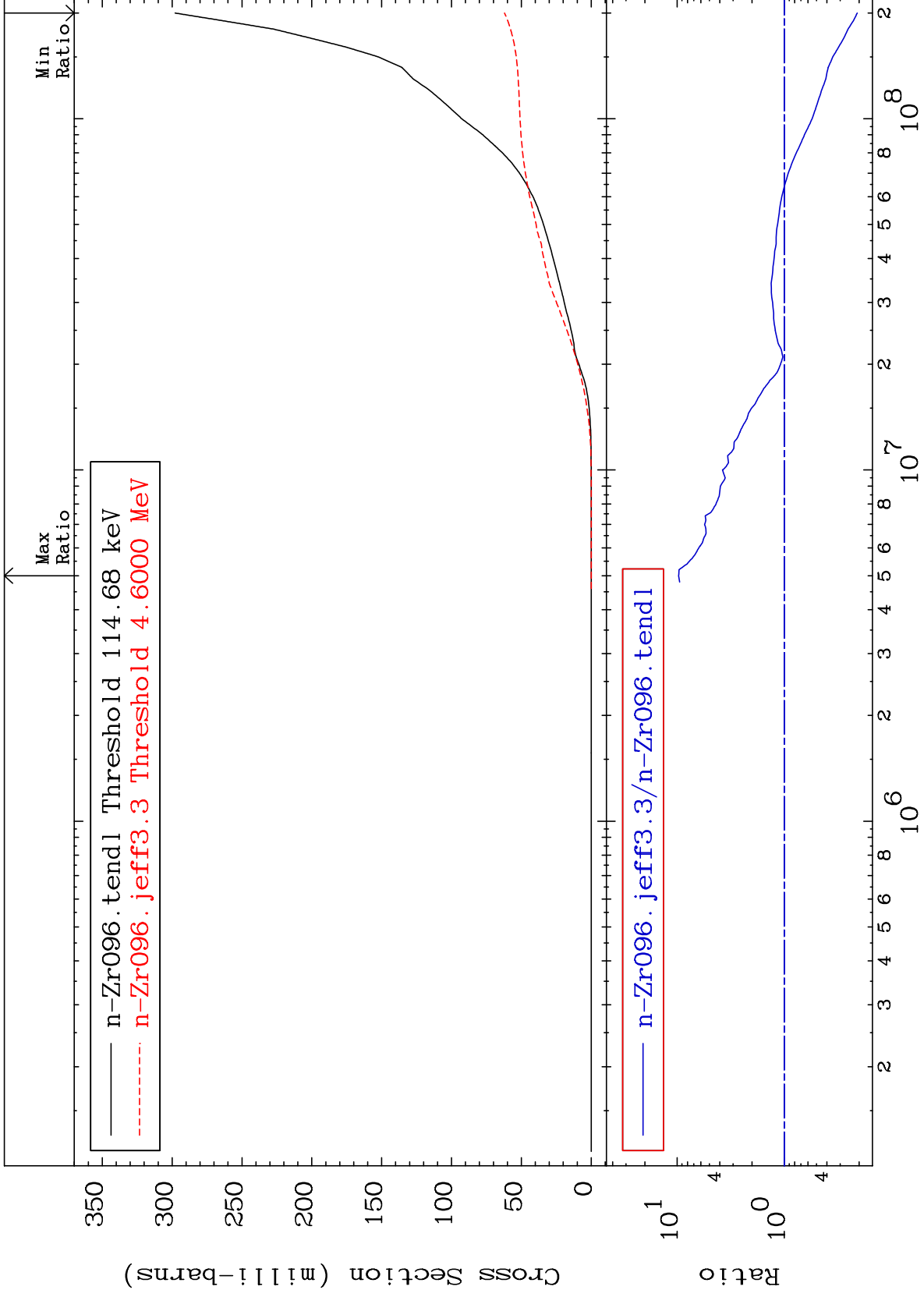
Incident Energy (eV)

40-Zr-96

MAT 4043

He-4 Production
Cross Section

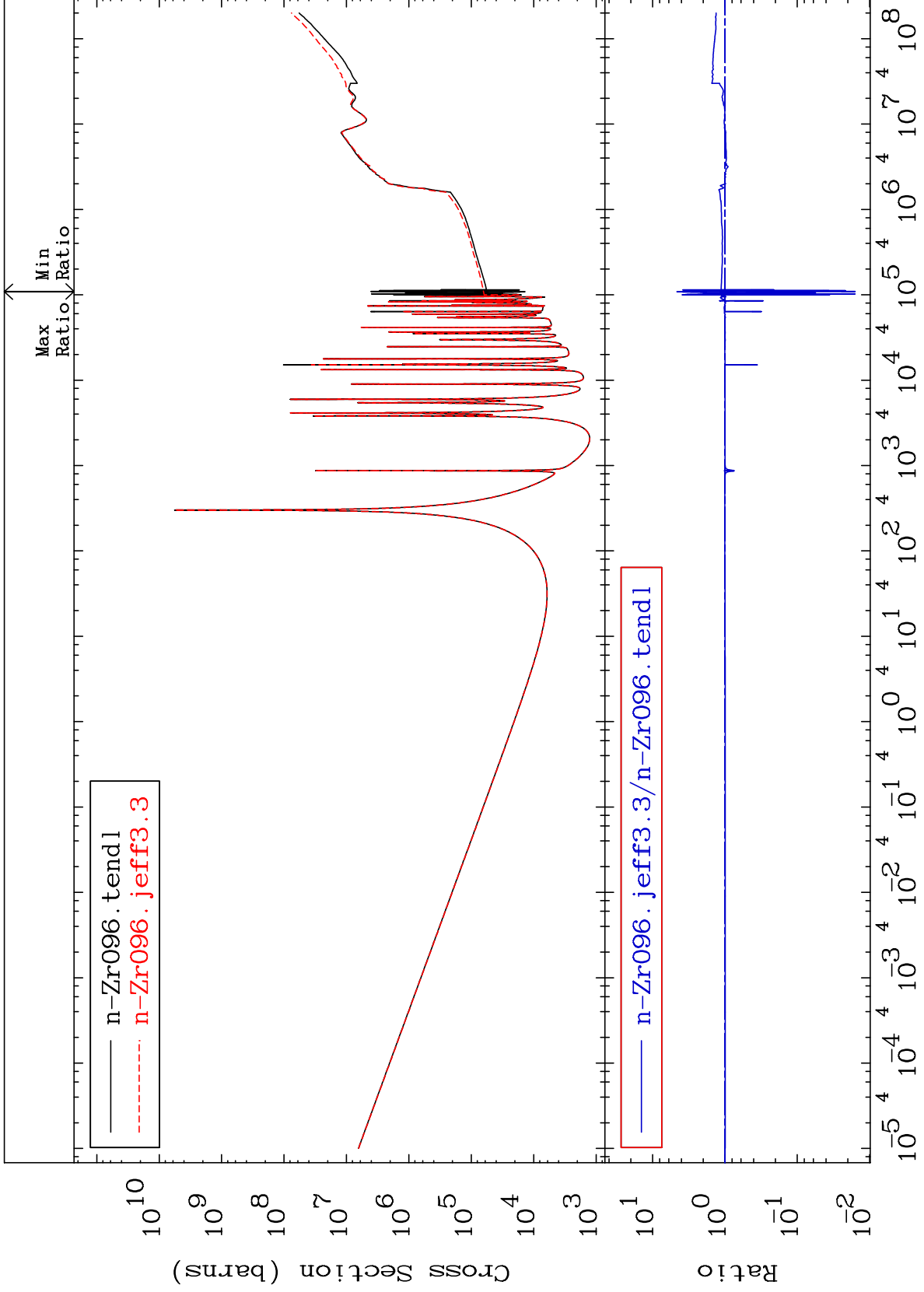
40-Zr-96
-79.18 To 867.7 %



MAT 4043

Kerma total (eV-barns)
Cross Section

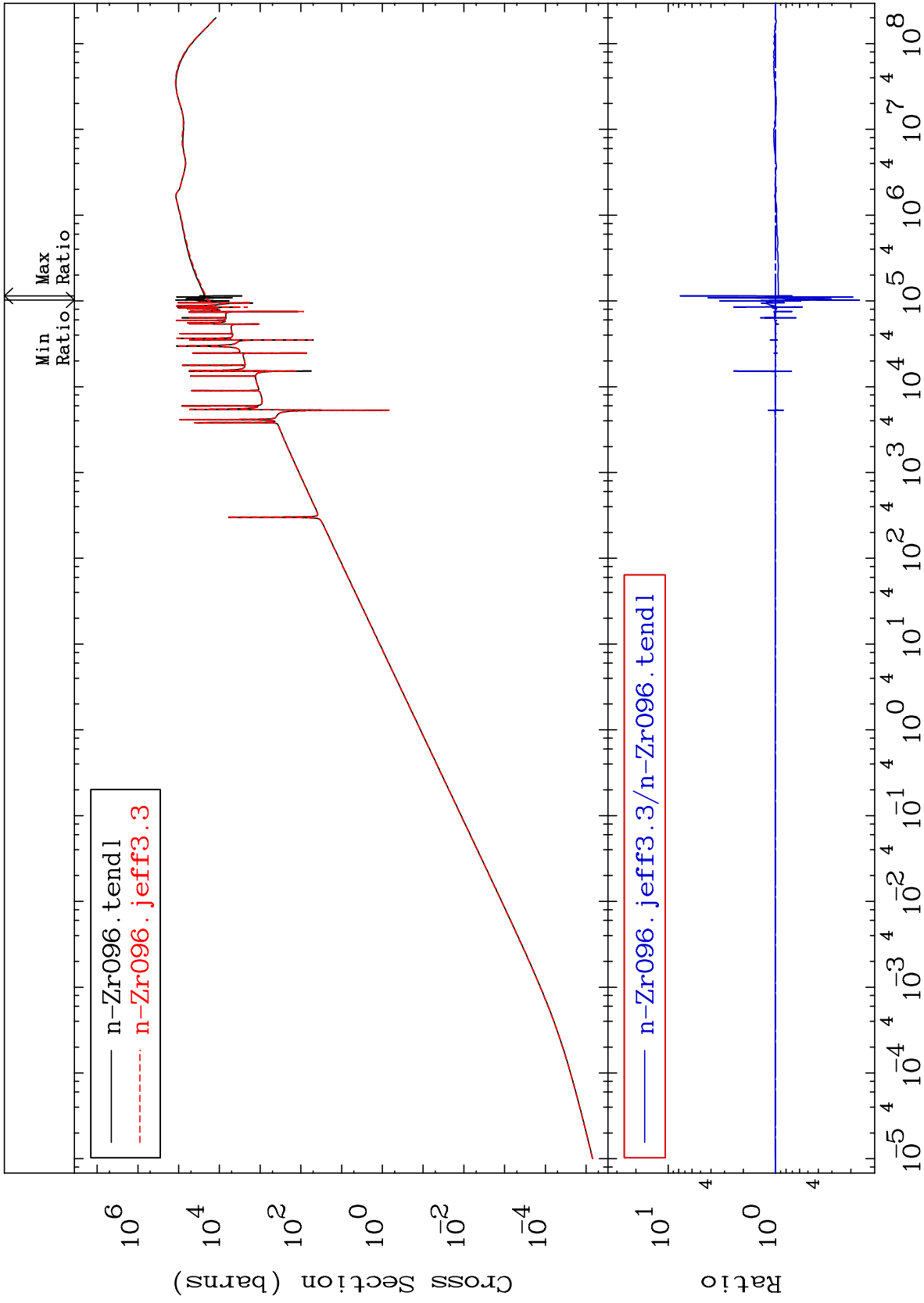
40-Zr-96
-98.41 To 361.6 %



MAT 4043

Kerma elastic
Cross Section

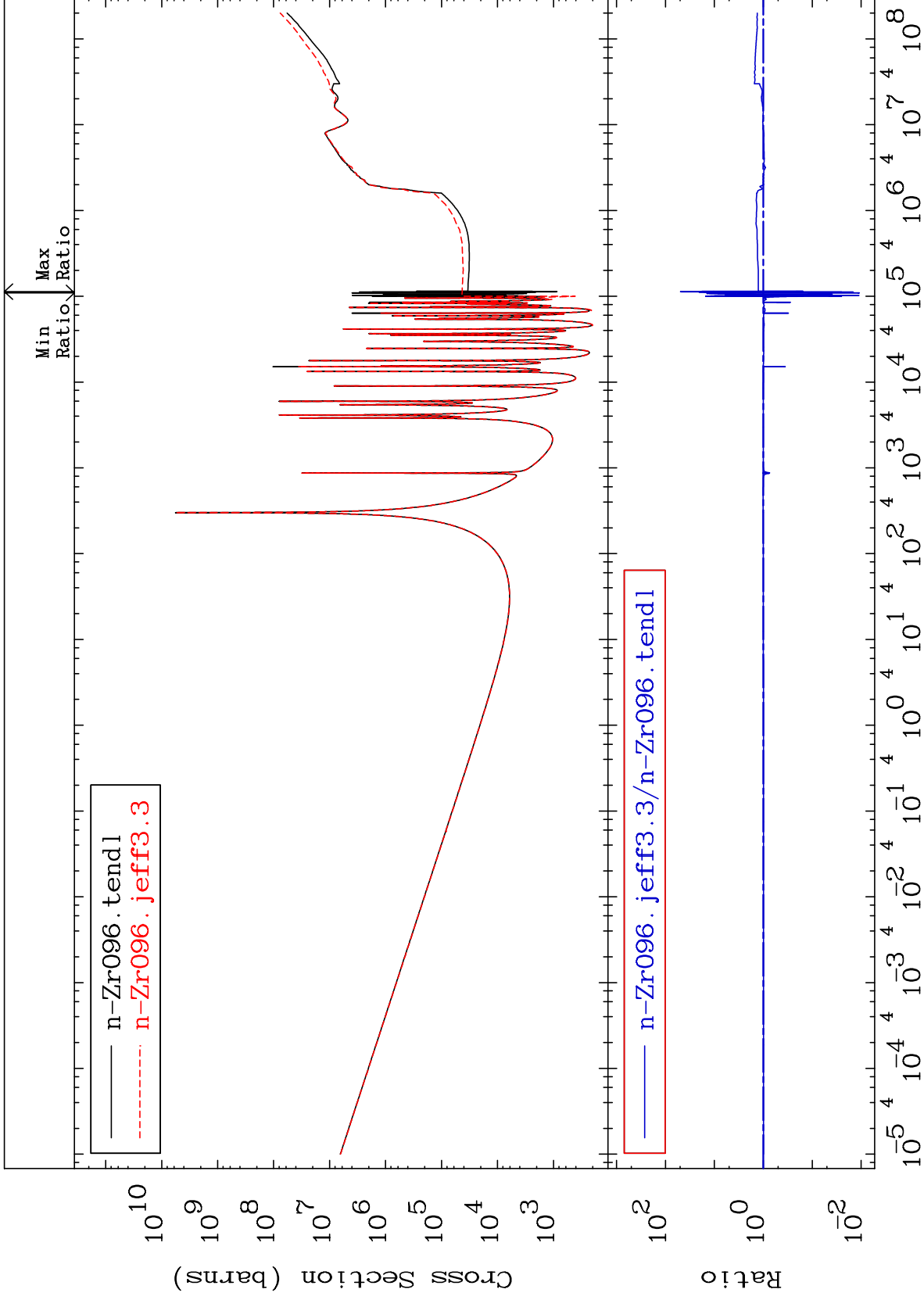
40-Zr-96
-83.39 To 671.2 %

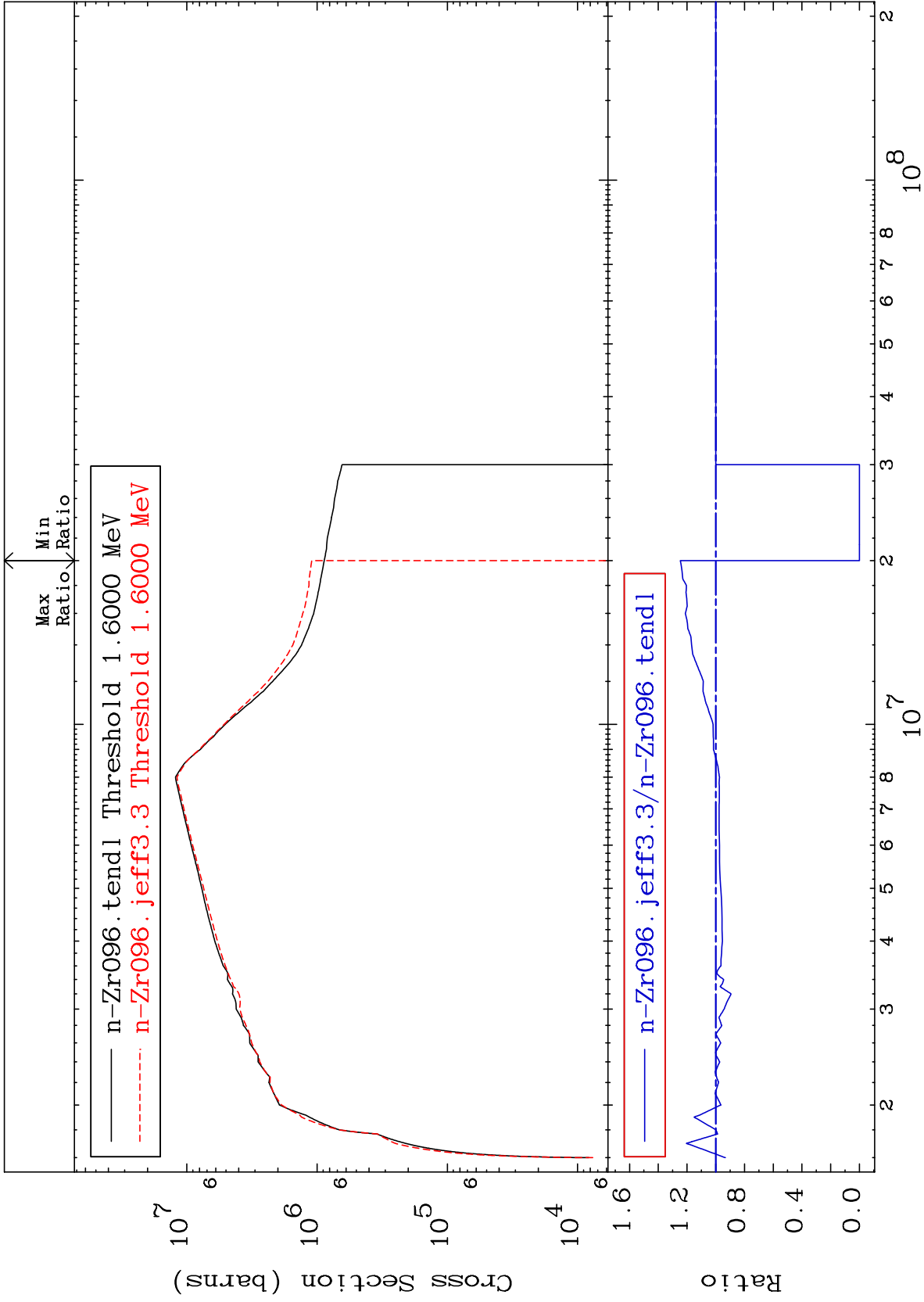


43

Incident Energy (eV)

40-Zr-96

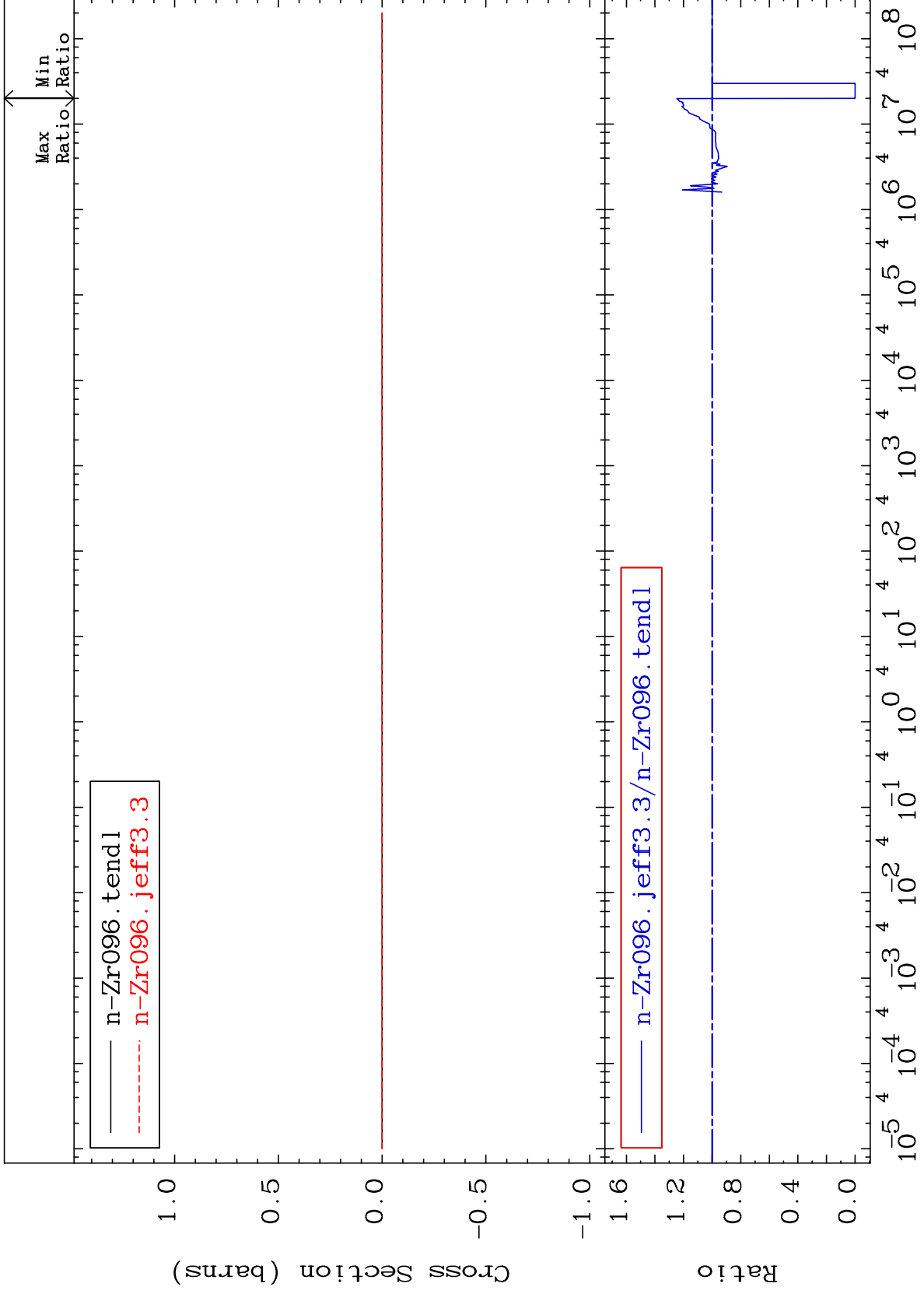




MAT 4043

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

40-Zr-96
-100.0 To 24.63 %



46

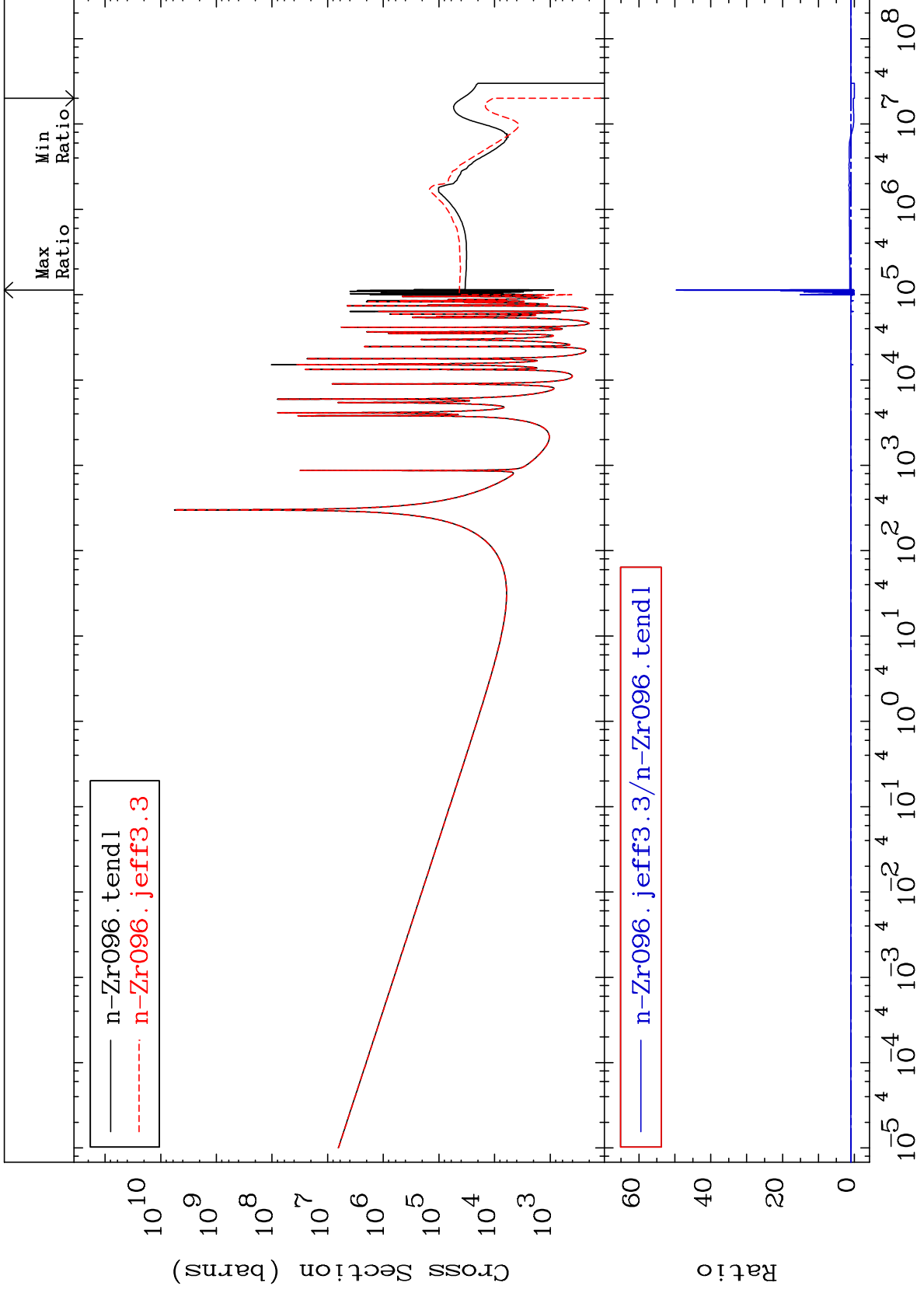
Incident Energy (eV)

40-Zr-96

MAT 4043

Kerma capture (mt102)
Cross Section

40-Zr-96
-100.0 To 4859. %



47

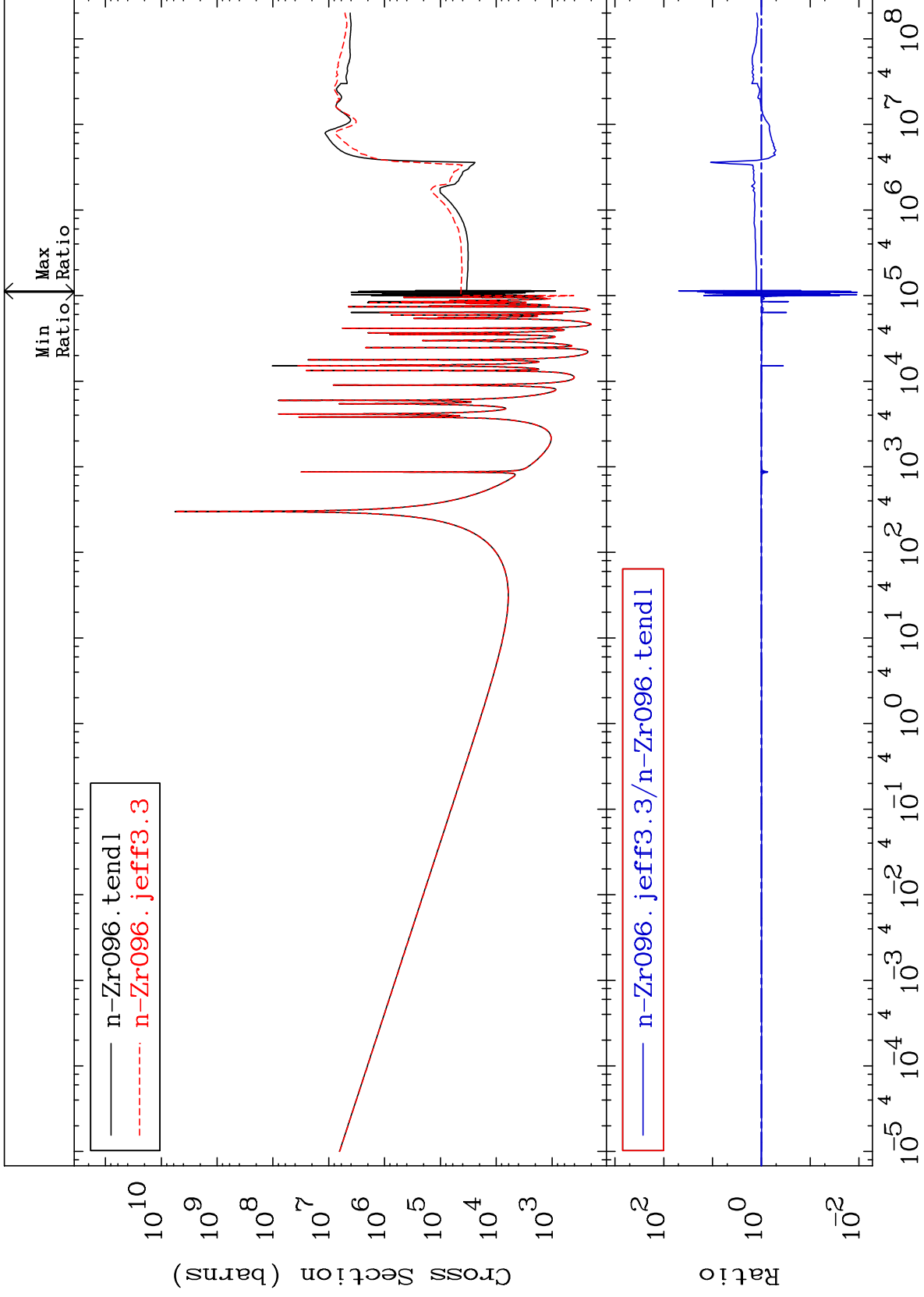
Incident Energy (eV)

40-Zr-96

MAT 4043

Total photon (eV-barns)
Cross Section

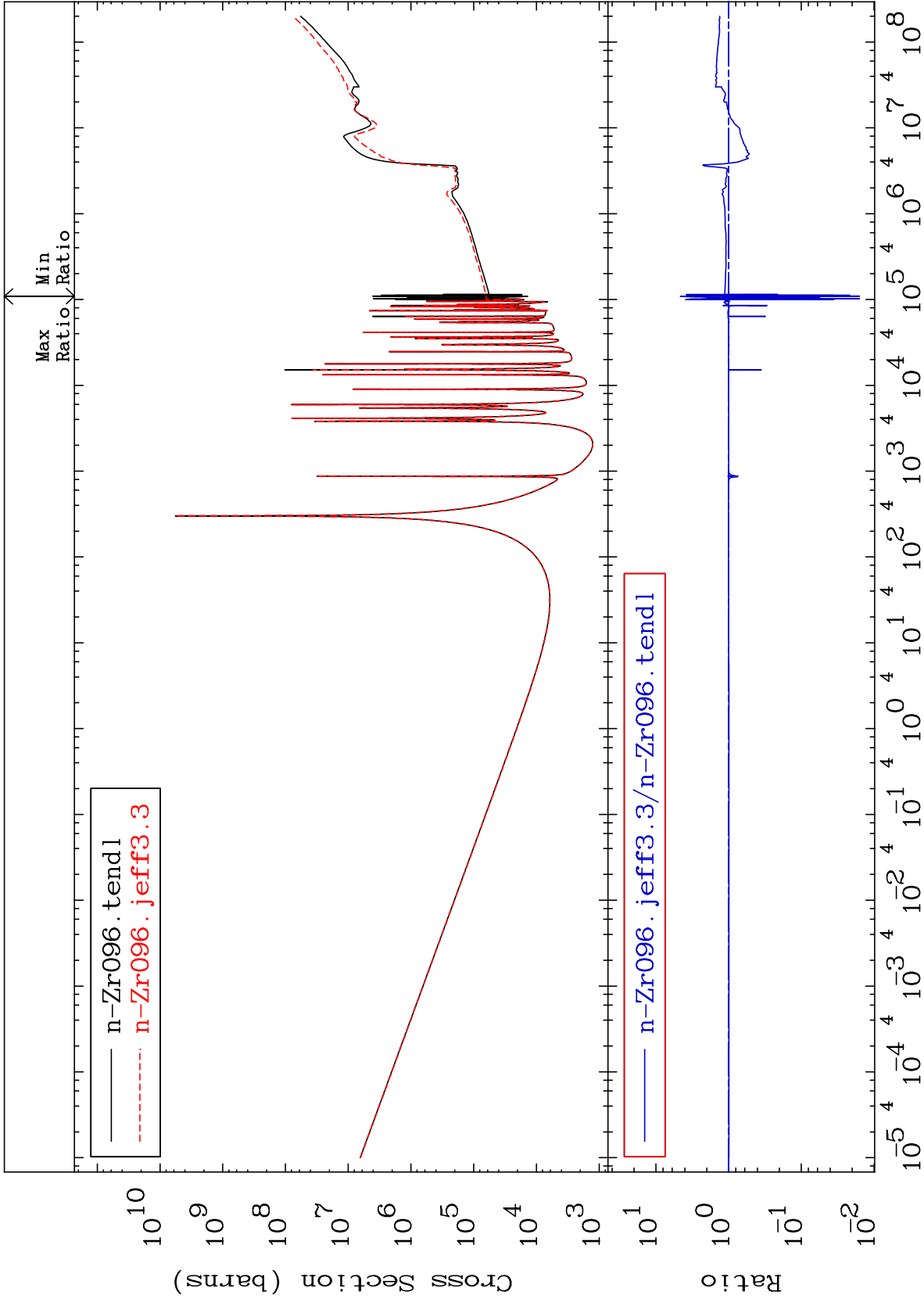
40-Zr-96
-98.92 To 4859. %



Incident Energy (eV)

40-Zr-96

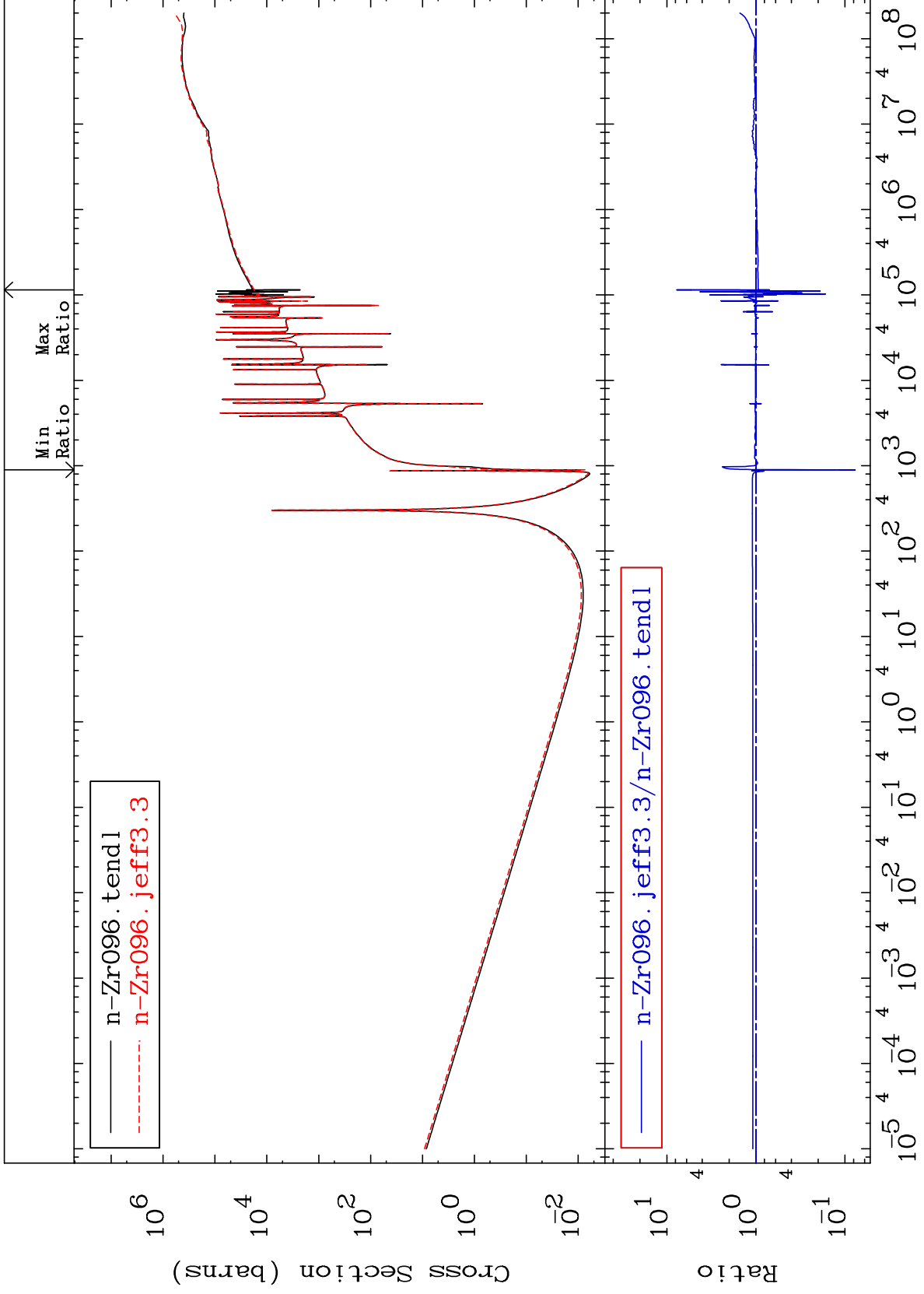
48



MAT 4043

Dpa total (eV-barns)
Cross Section

40-Zr-96
-92.31 To 670.5 %



50

40-Zr-96

40-Zr-96

MAT 4043

Dpa elastic (mt2)
Cross Section

40-Zr-96
-96.07 To 670.5 %

