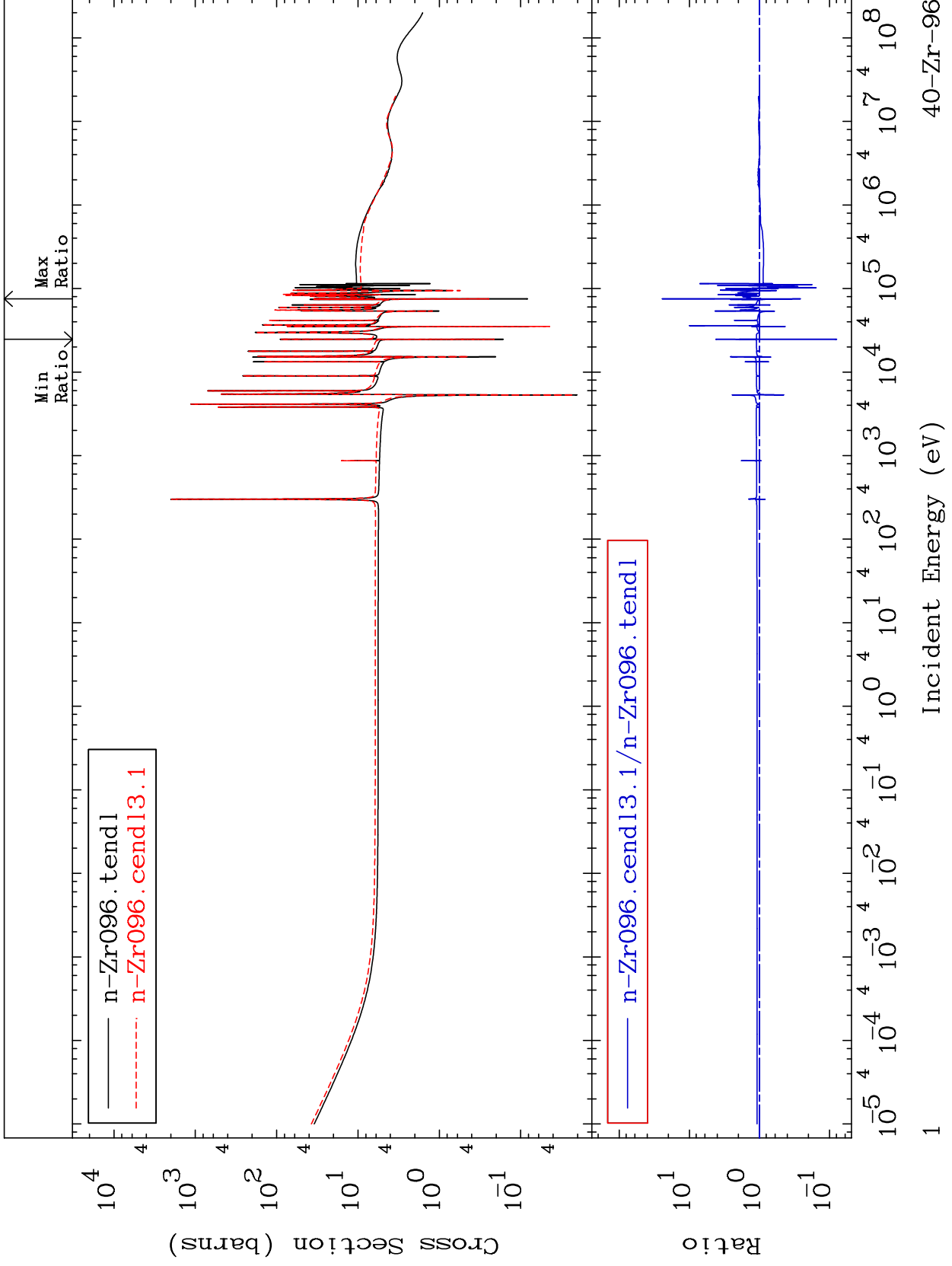


MAT 4043

Total
Cross Section

40-Zr-96
-92.07 To 2335. %



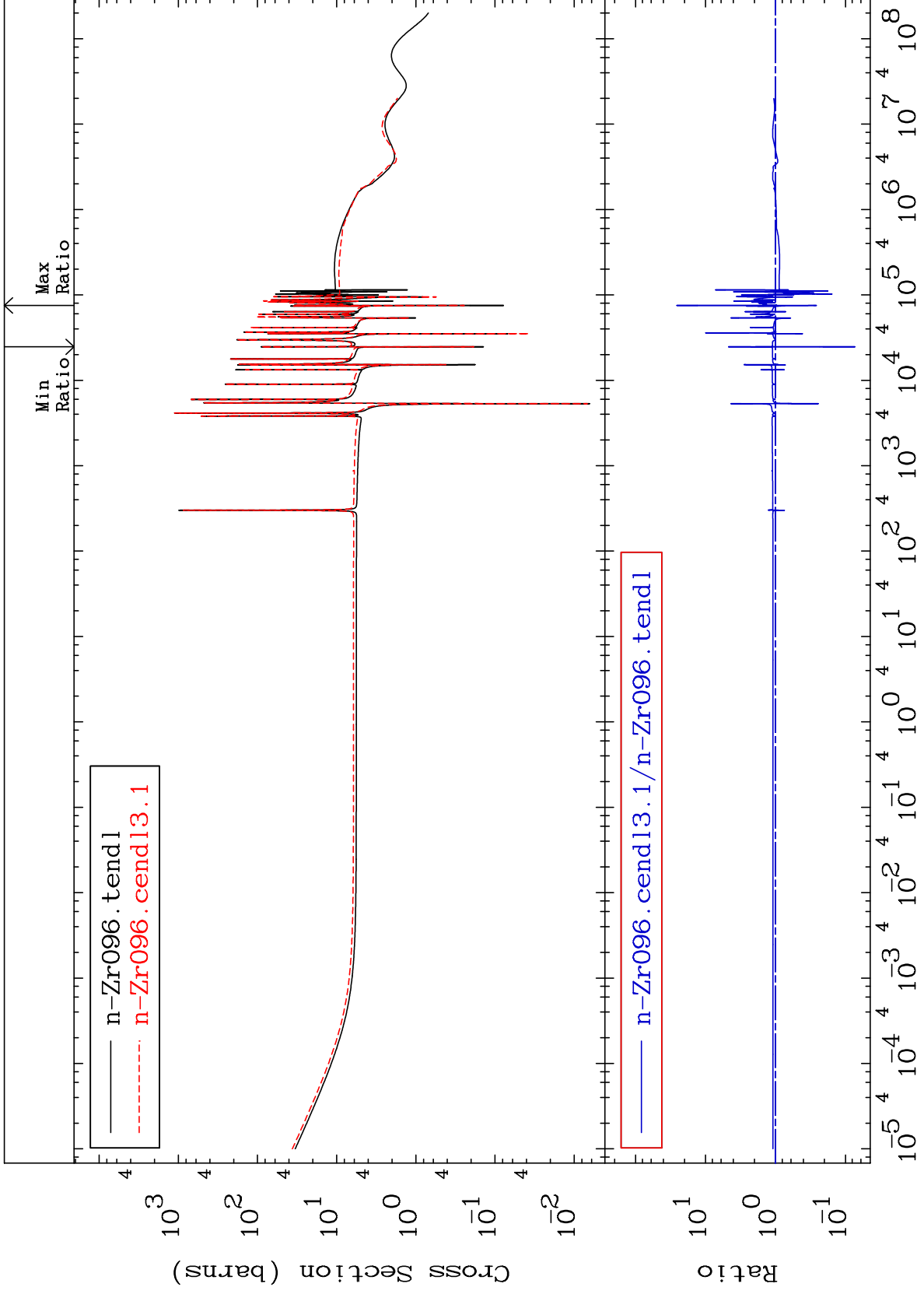
40-Zr-96

Incident Energy (eV)

MAT 4043

Elastic
Cross Section

40-Zr-96
-92.72 To 2466. %



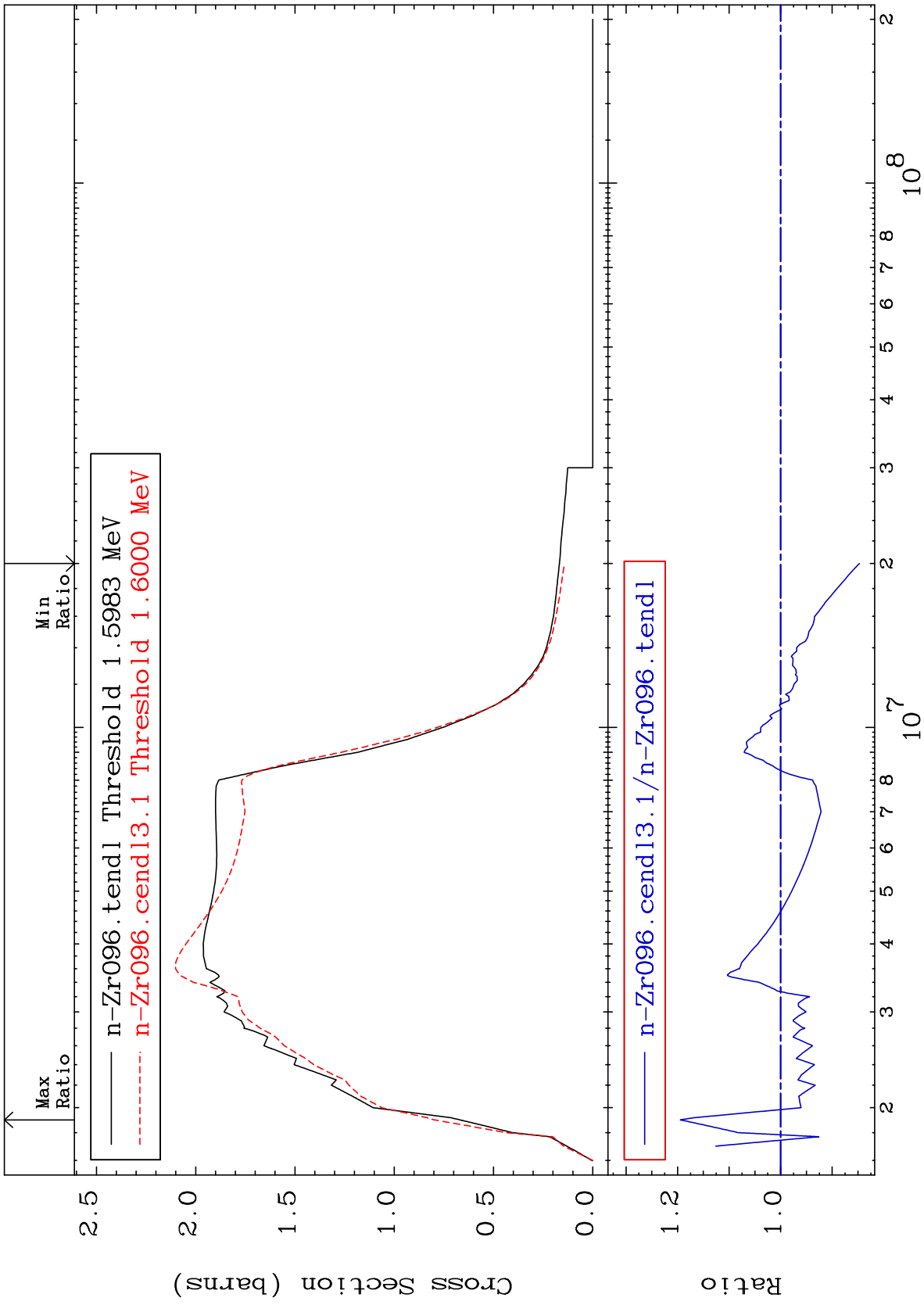
Incident Energy (eV)

40-Zr-96

MAT 4043

Inelastic
Cross Section

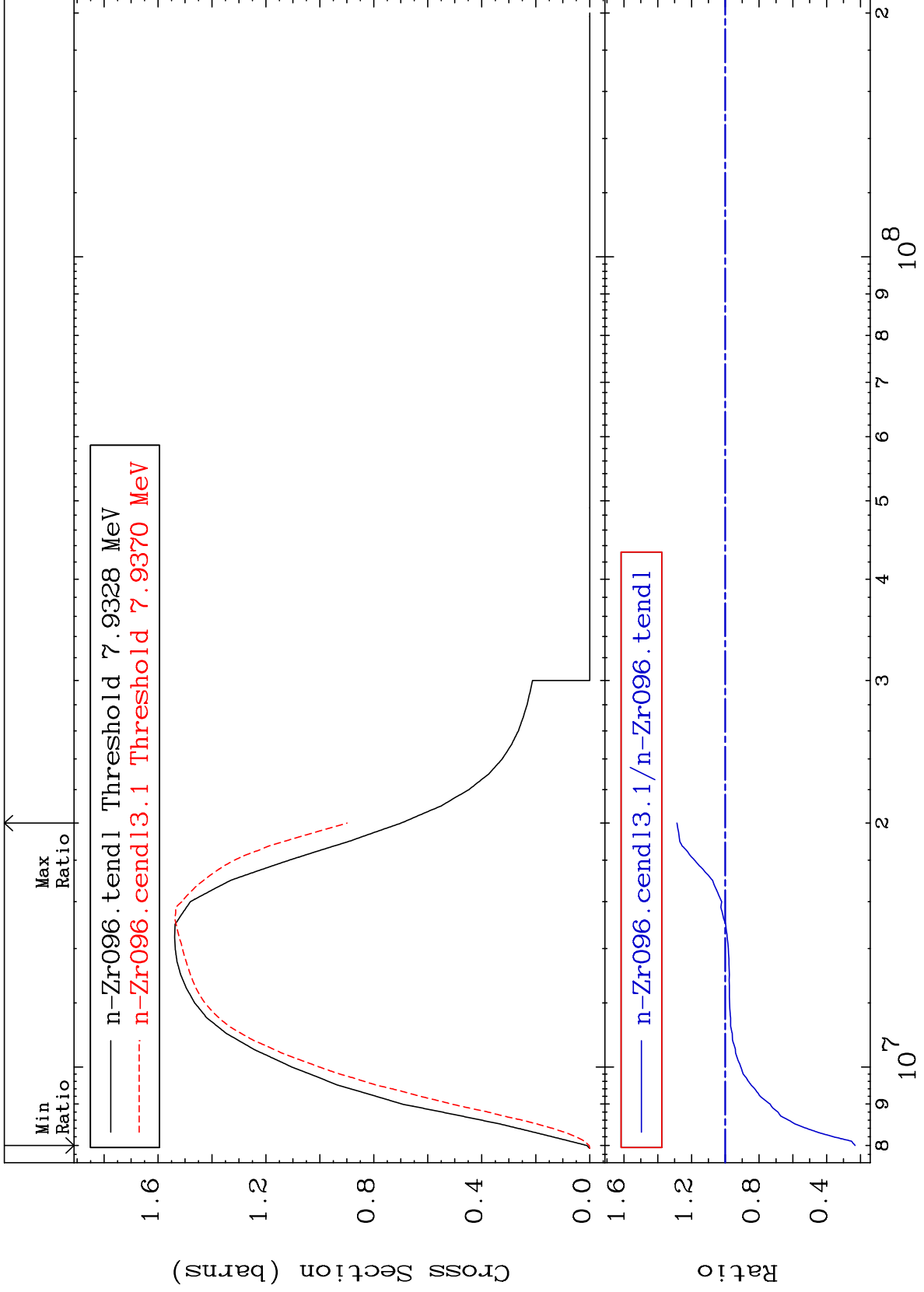
40-Zr-96
-15.28 To 19.46 %



MAT 4043

(n,2n)
Cross Section

40-Zr-96
-76.85 To 28.64 %



4

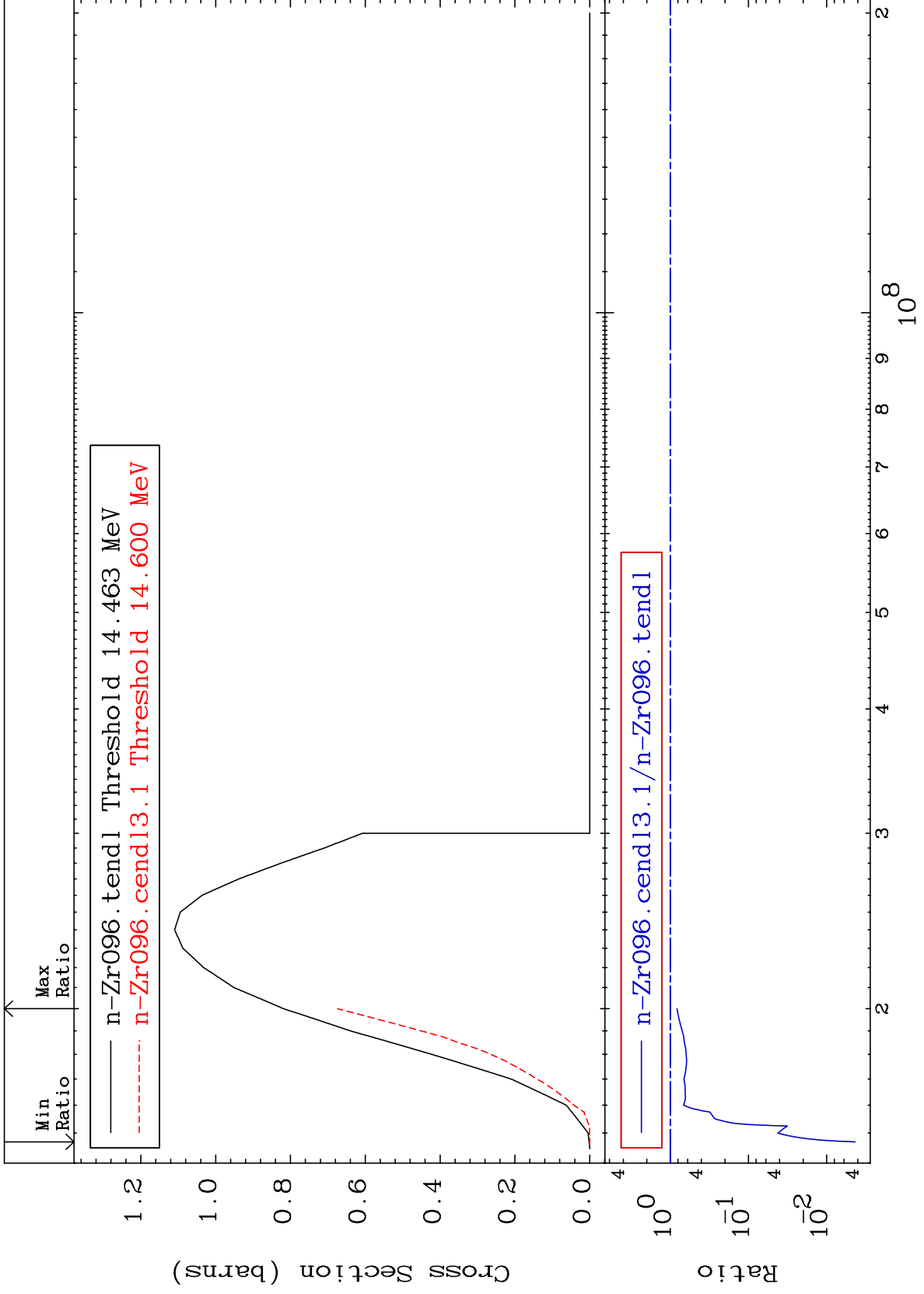
Incident Energy (eV)

40-Zr-96

MAT 4043

(n,3n)
Cross Section

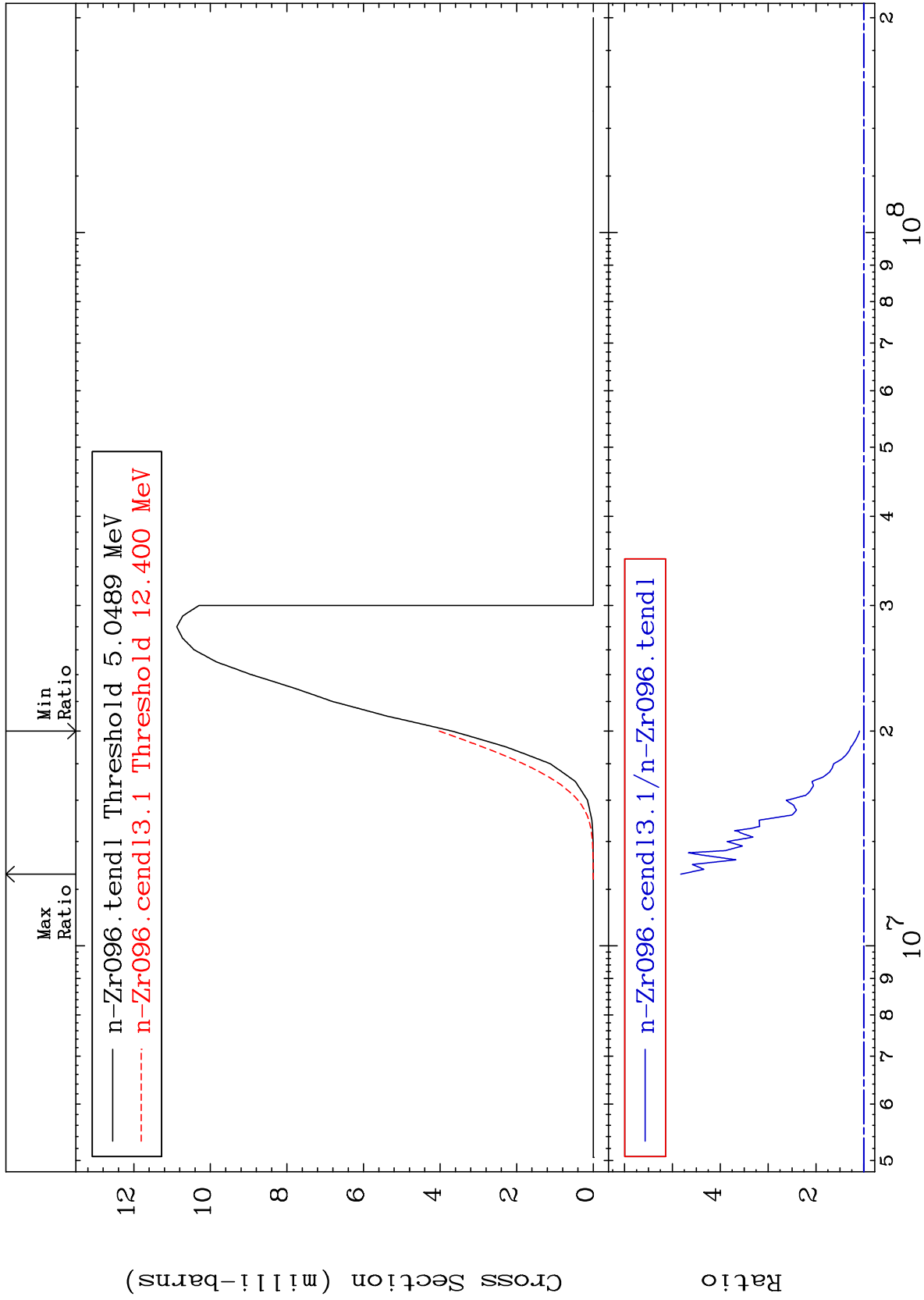
40-Zr-96
-99.57 To -17.67%



MAT 4043

(n, n') α
Cross Section

40-Zr-96
8.901 To 382.5 %



6

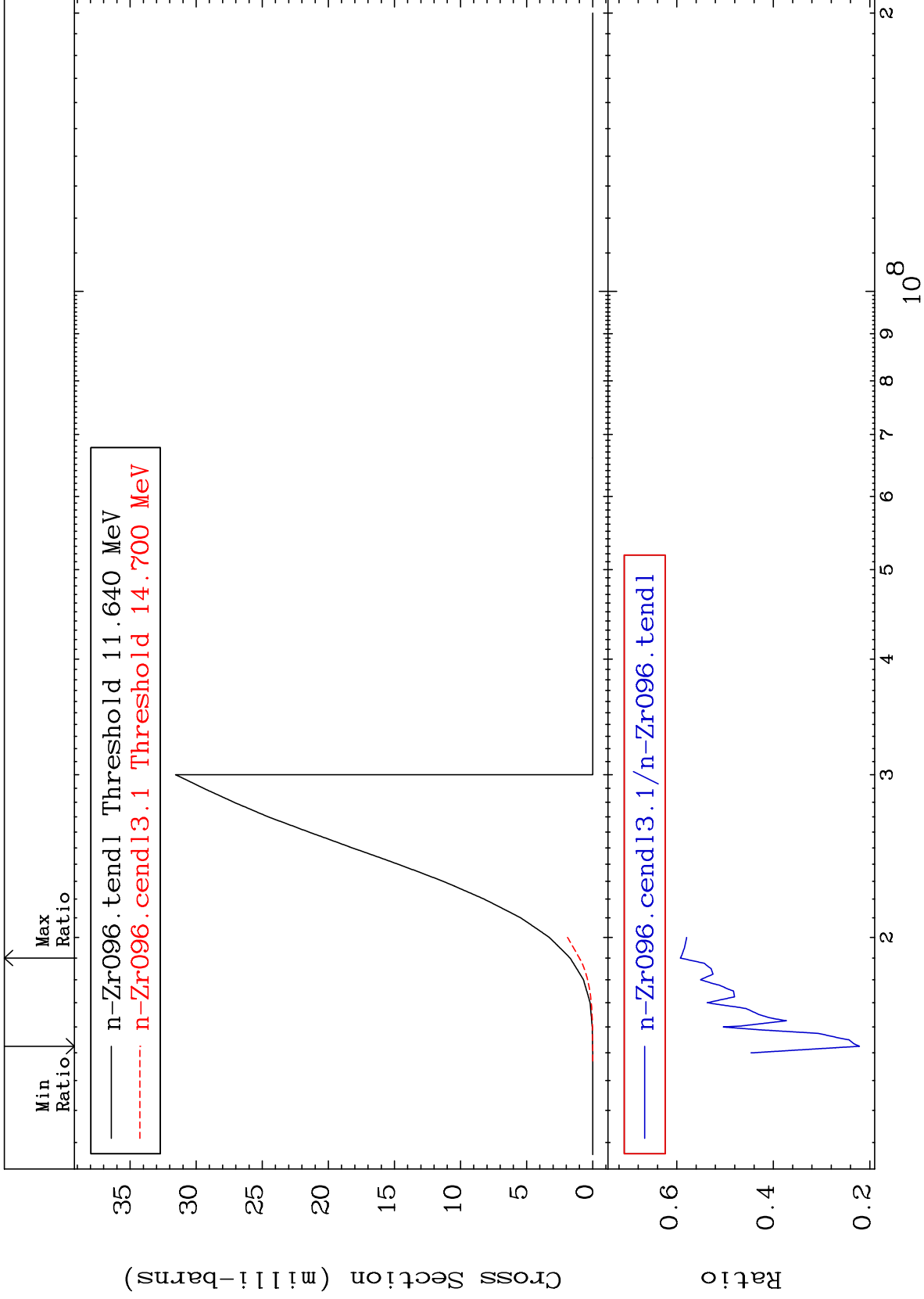
Incident Energy (eV)

40-Zr-96

MAT 4043

(n,n') p
Cross Section

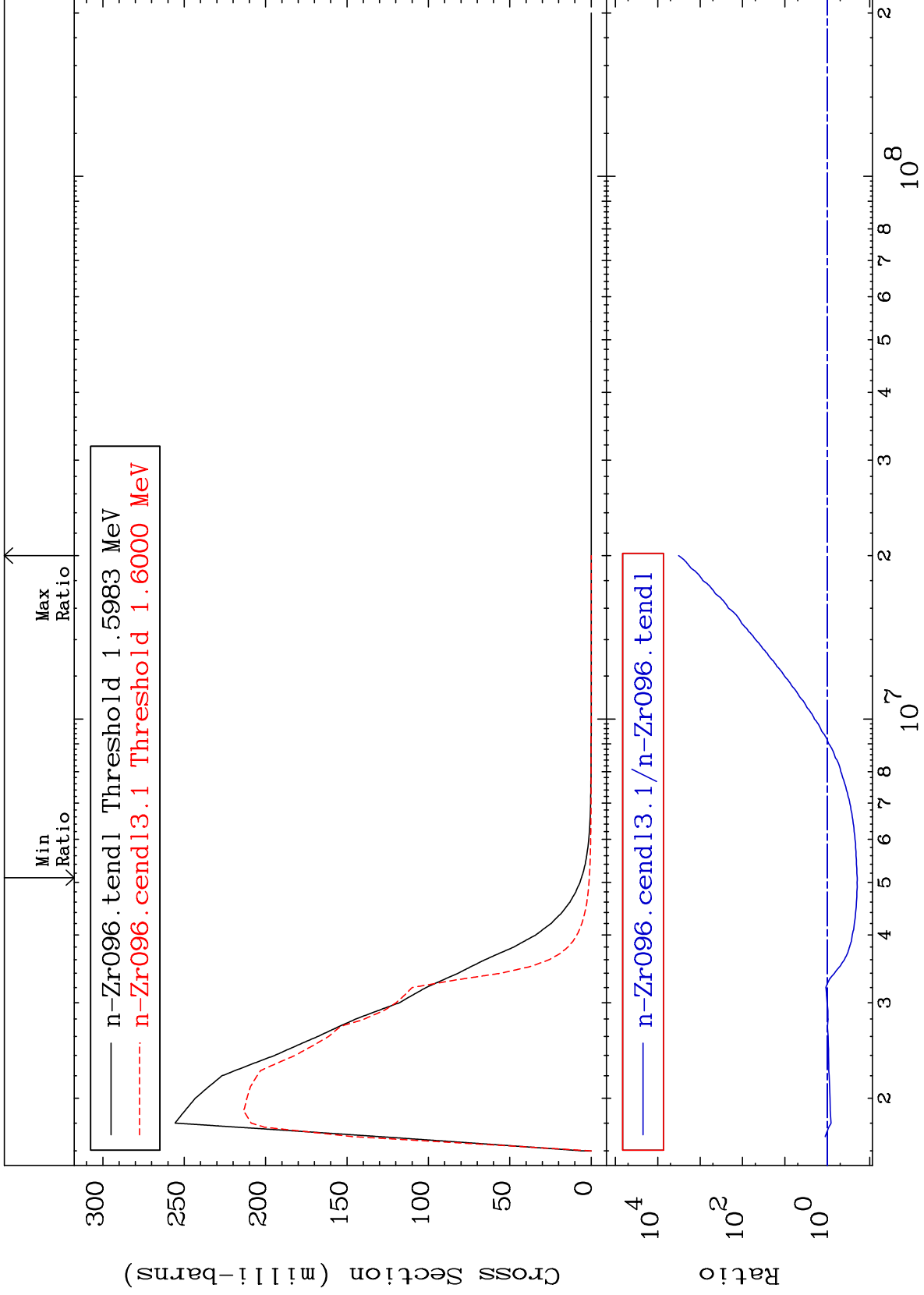
40-Zr-96
-77.84 To -40.73%



MAT 4043

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

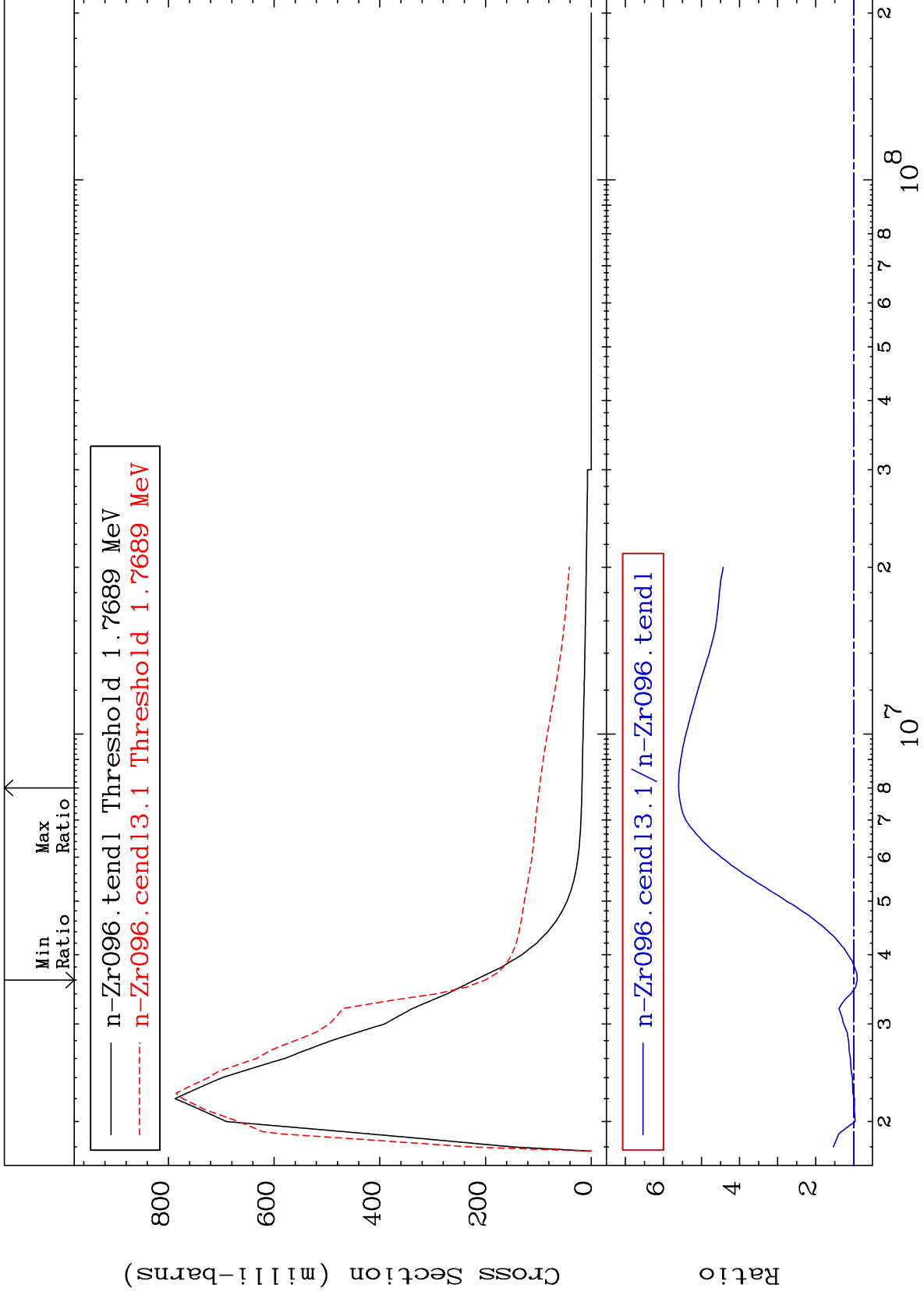
40-Zr-96
-80.25 To 9999. %



MAT 4043

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

40-Zr-96
-9.045 To 460.1 %



9

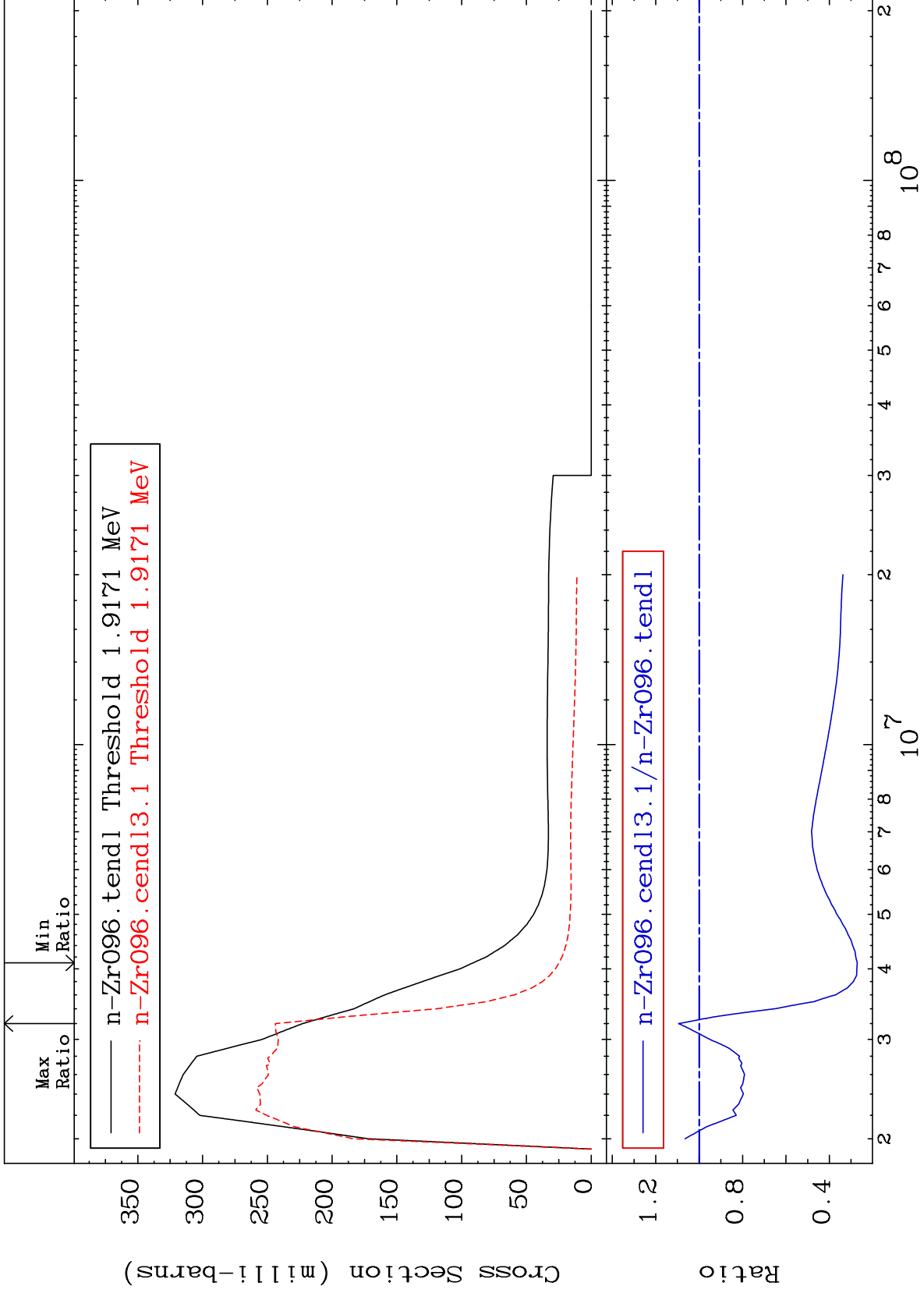
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-72.84 To 9.442 %



10

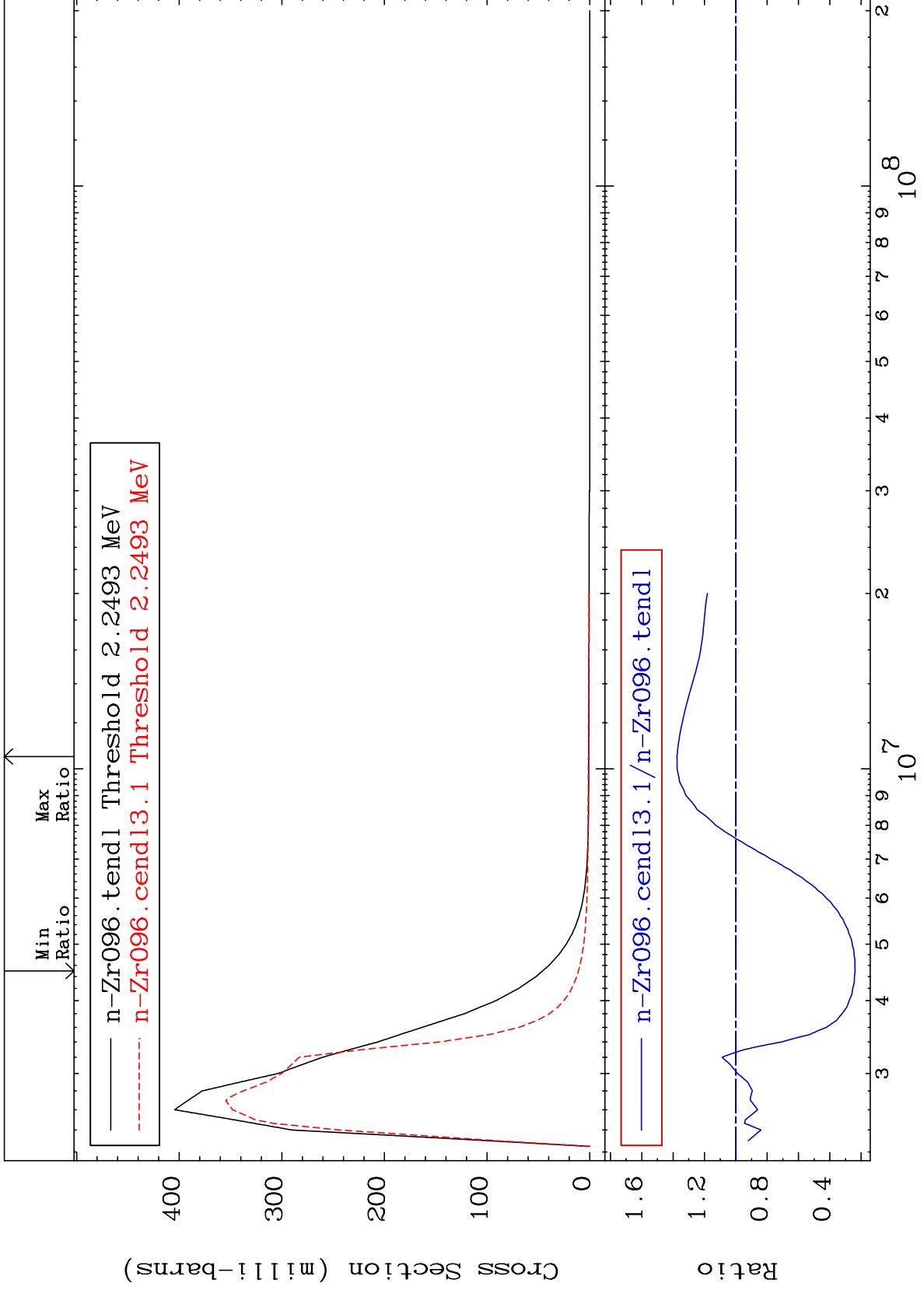
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-76.12 To 37.58 %



11

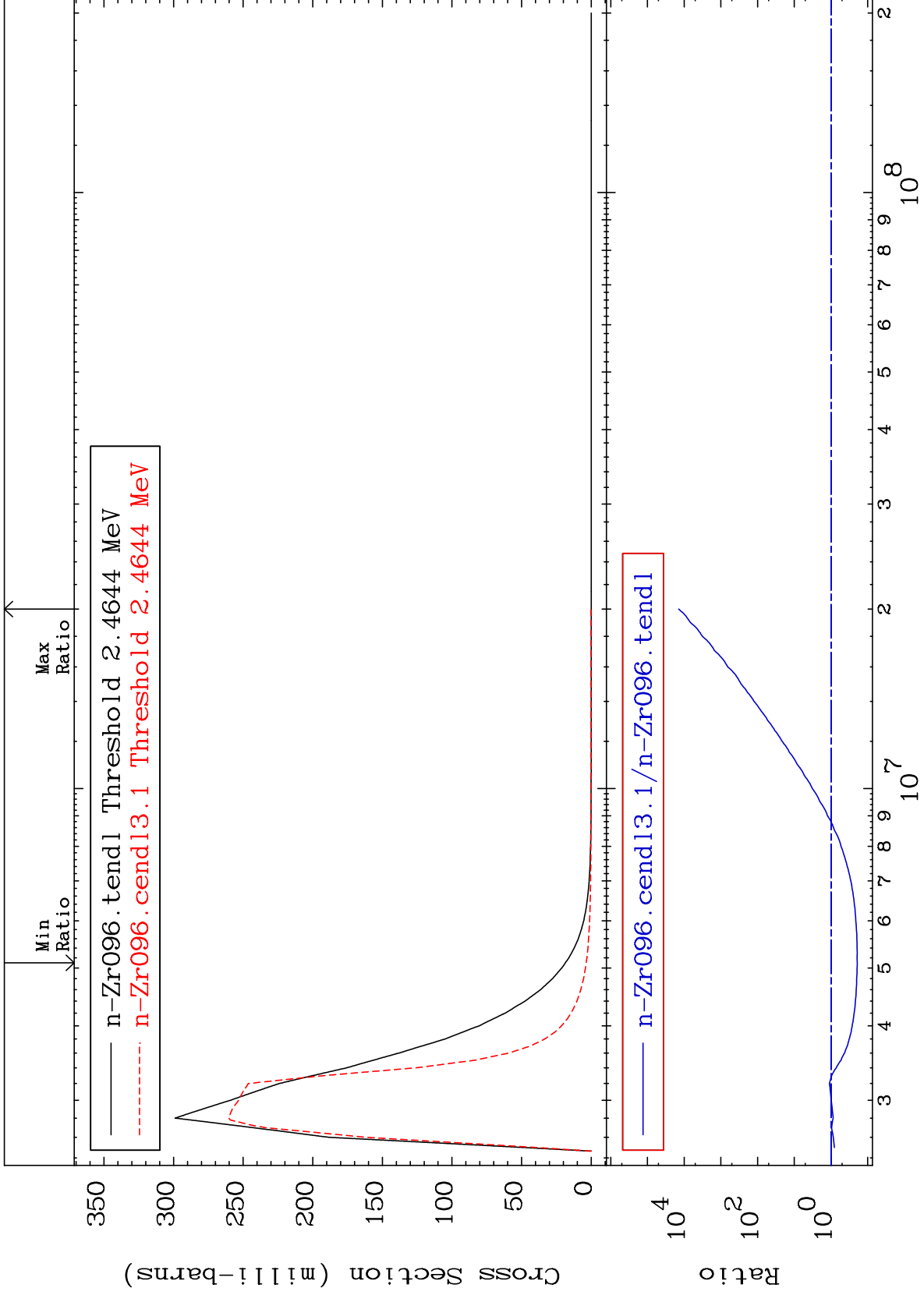
Incident Energy (eV)

40-Zr-96

MAT 4043

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

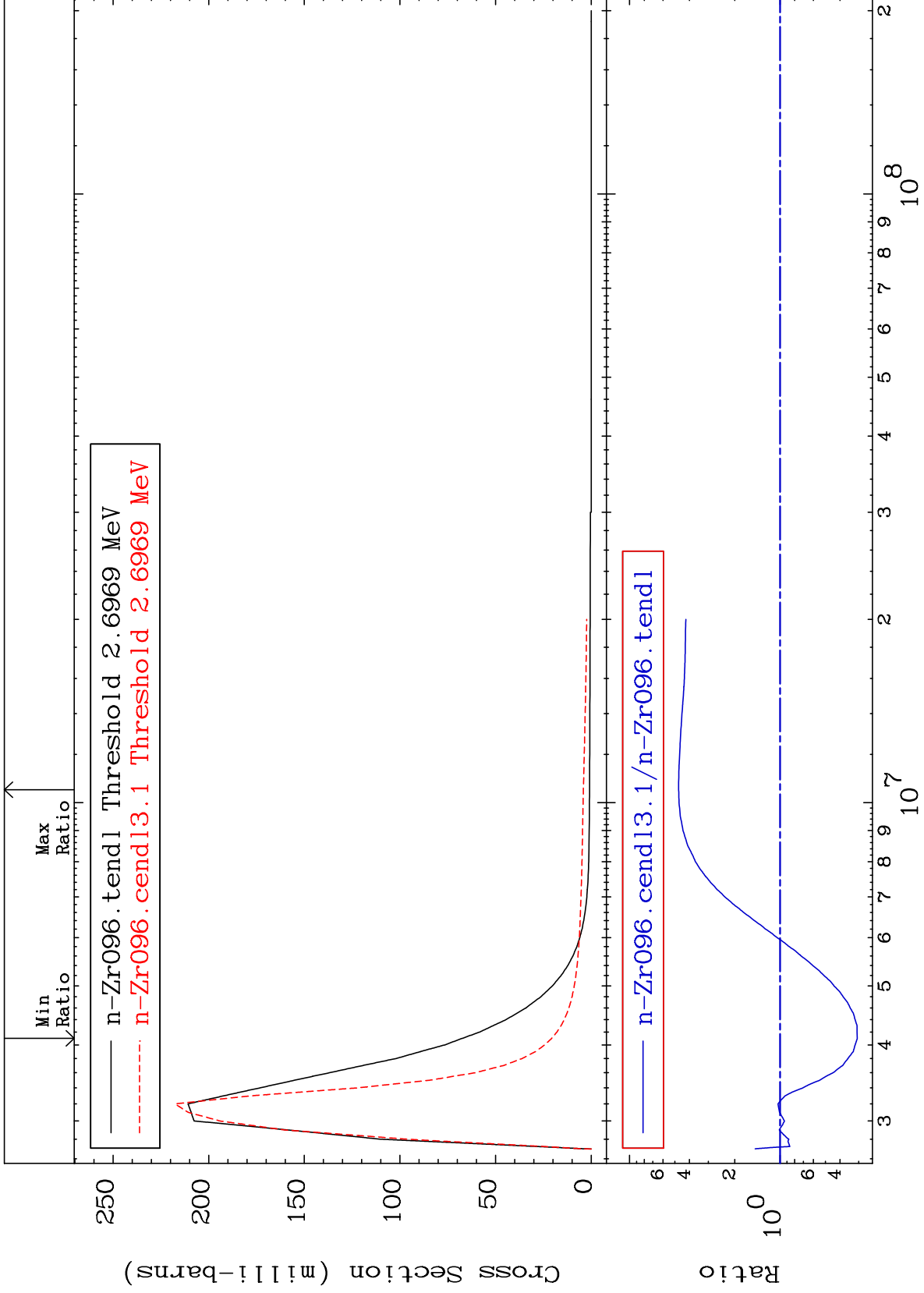
40-Zr-96
-80.77 To 9999. %



MAT 4043

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

40-Zr-96
-69.32 To 372.1 %



13

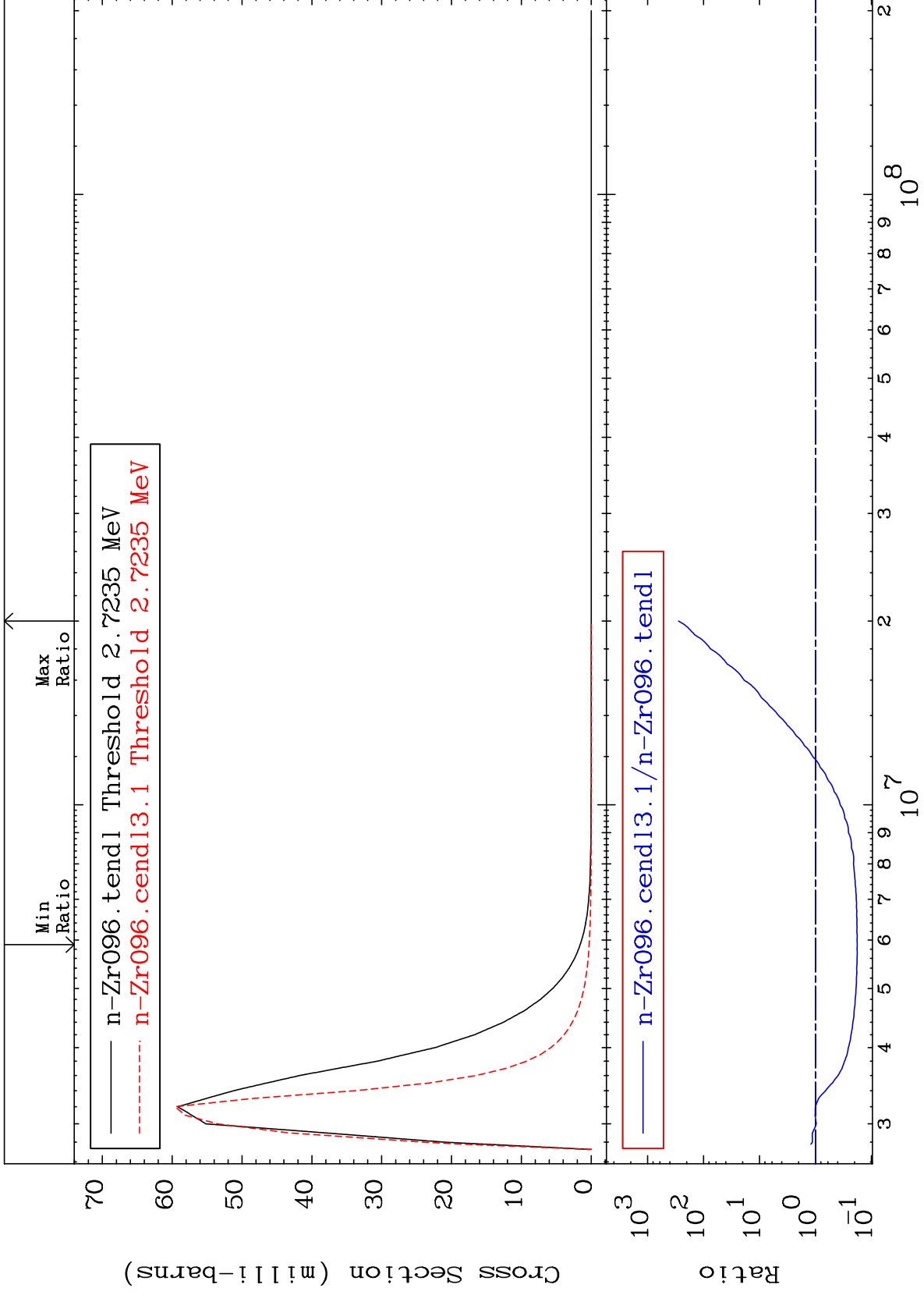
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-82.04 To 9999. %



14

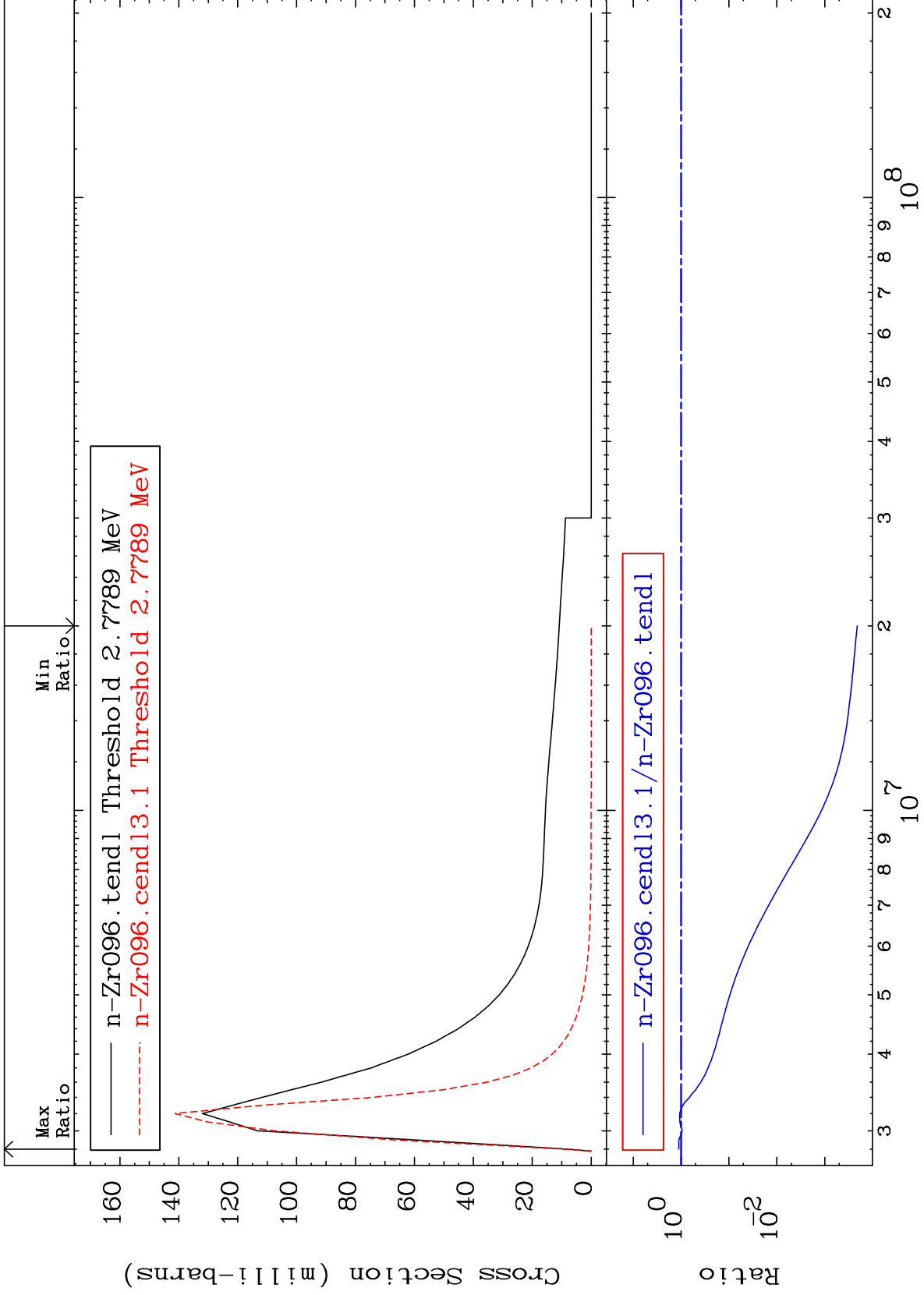
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-99.98 To 12.38 %



15

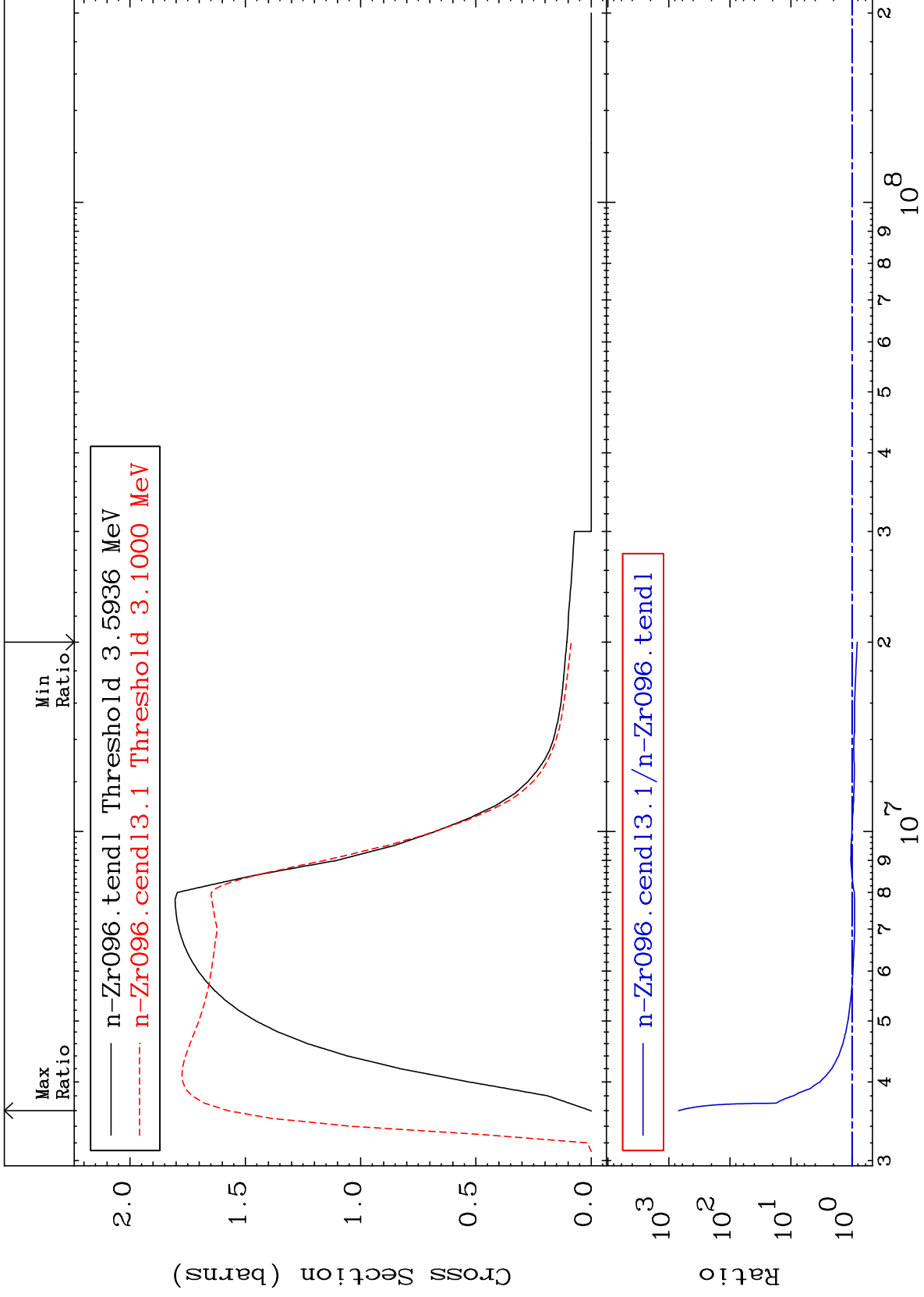
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, n') Continuum
Cross Section

40-Zr-96
-17.92 To 9999. %



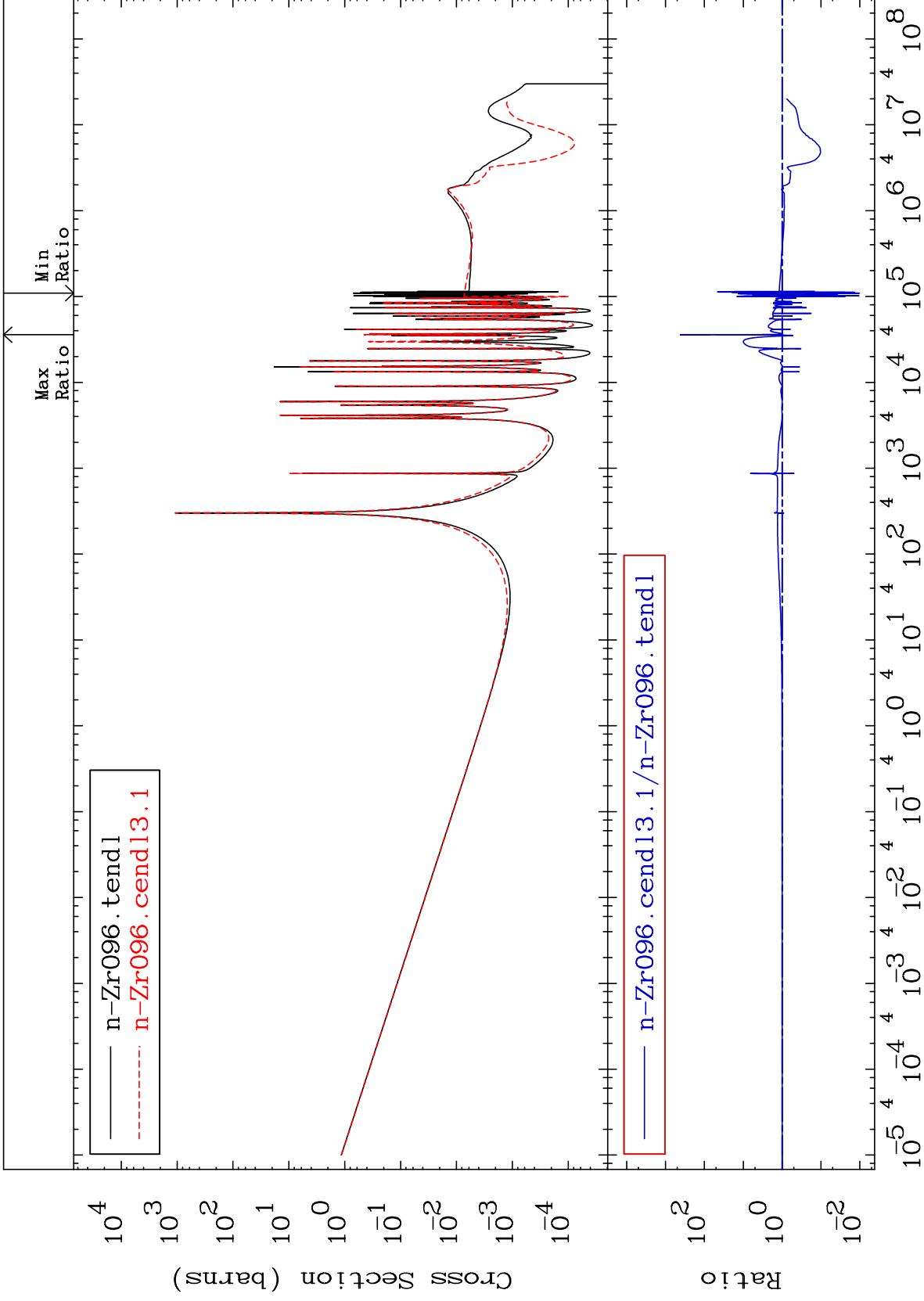
MAT 4043

(n, γ)

Cross Section

40-Zr-96

-98.97 To 9999. %



Incident Energy (eV)

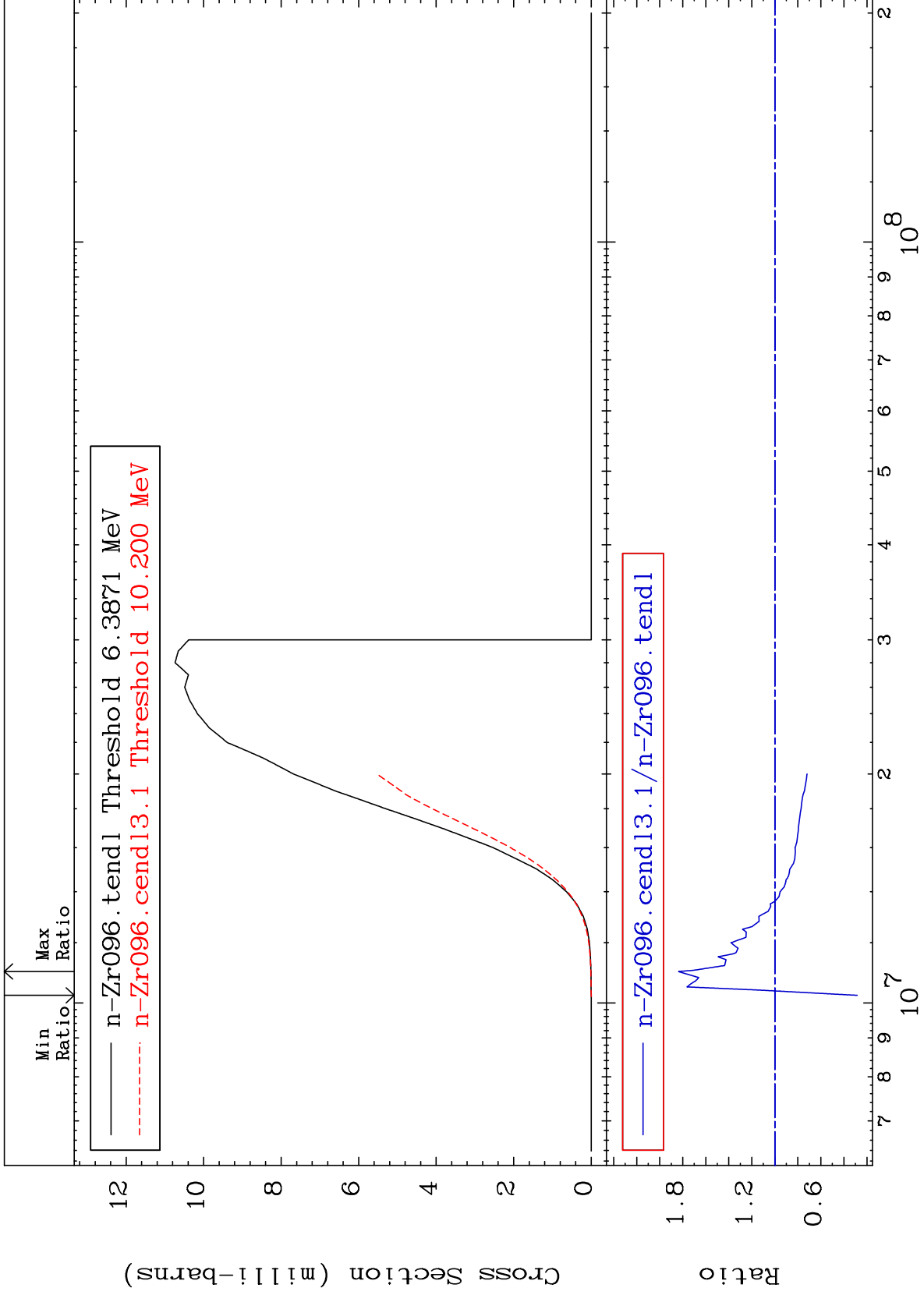
40-Zr-96

17

MAT 4043

(n,p)
Cross Section

40-Zr-96
-71.59 To 83.56 %



18

Incident Energy (eV)

40-Zr-96

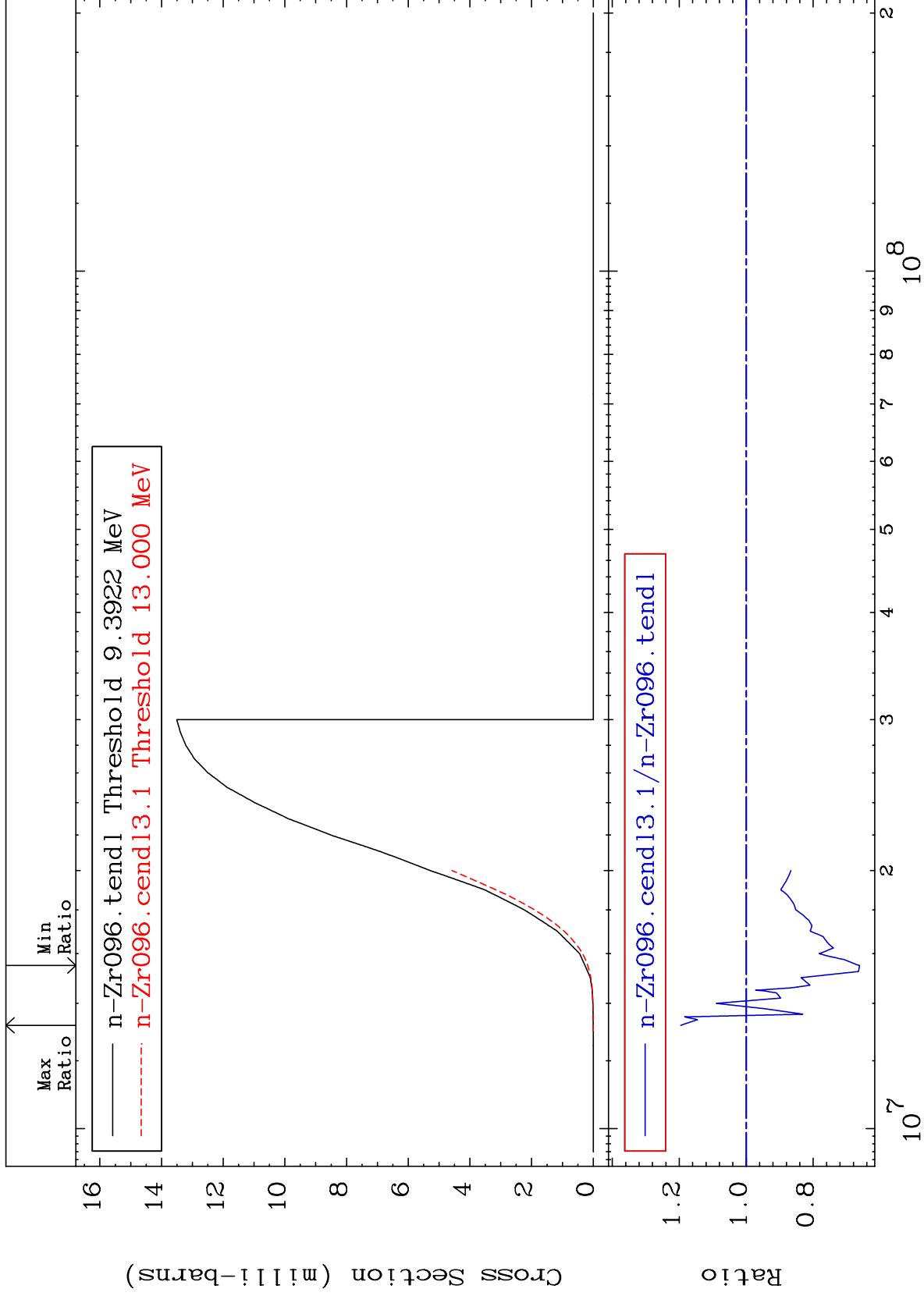
MAT 4043

(n, d)

40-Zr-96

Cross Section

-33.83 To 19.55 %



19

Incident Energy (eV)

40-Zr-96

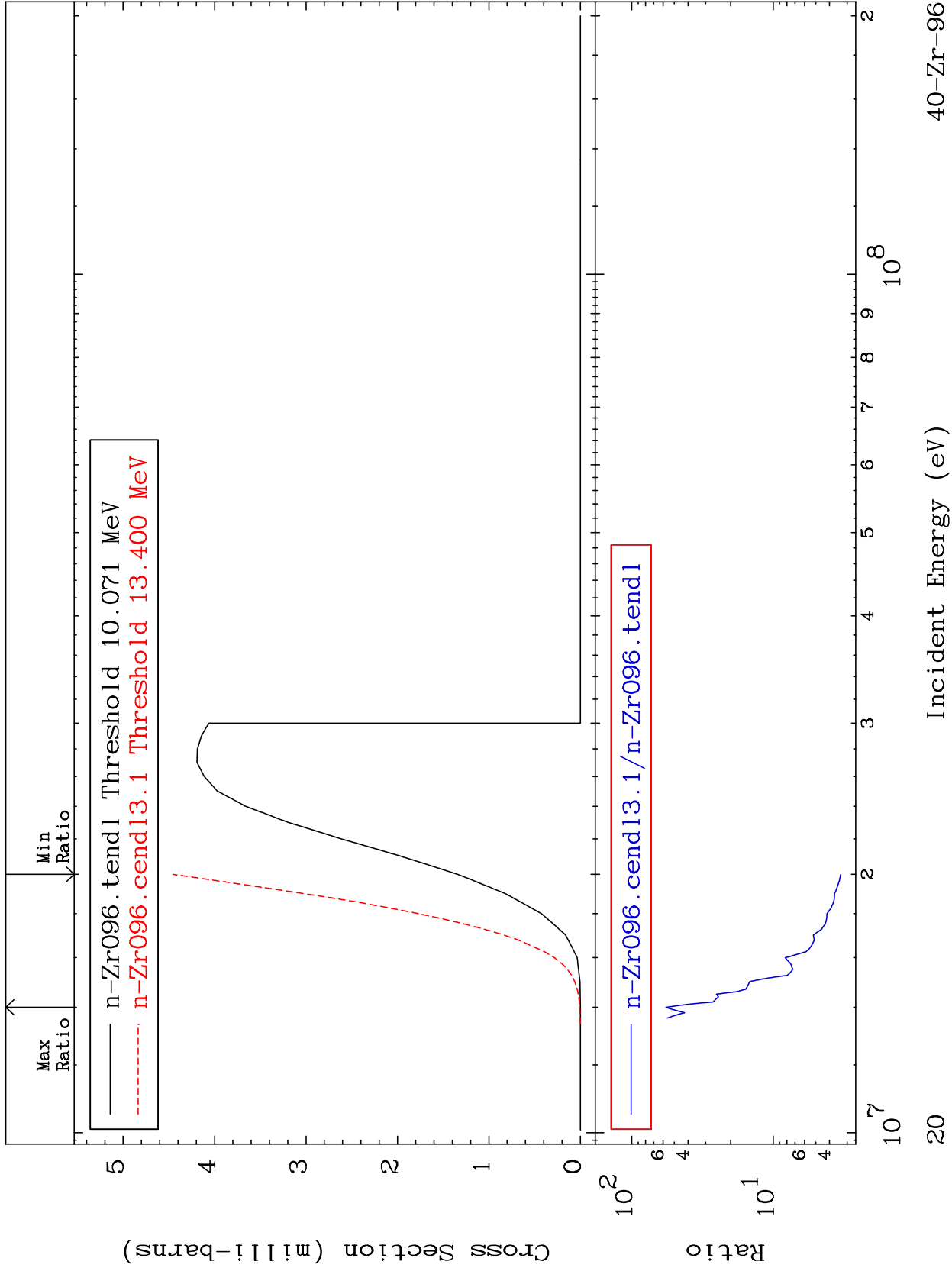
MAT 4043

(n, t)

40-Zr-96

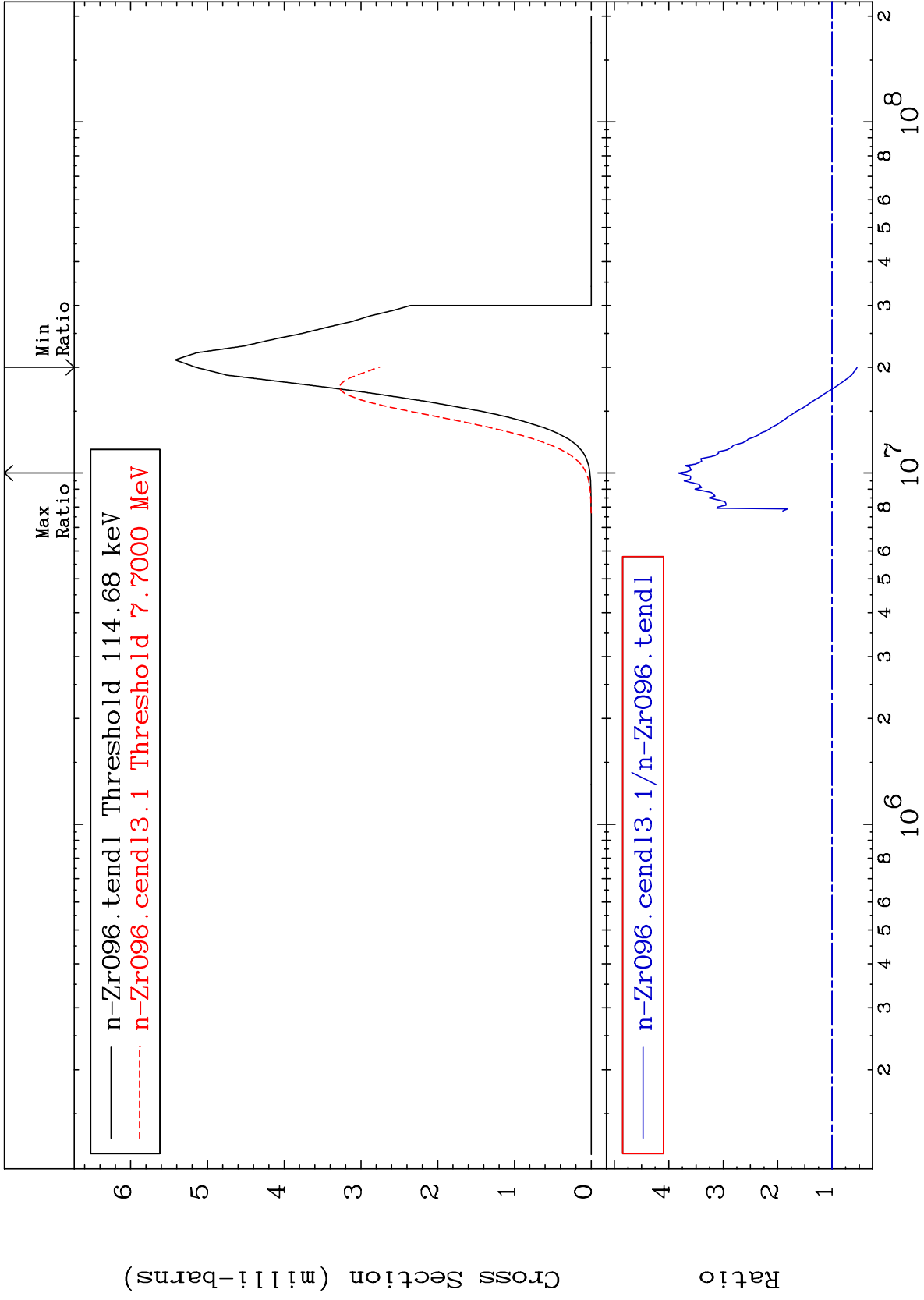
Cross Section

232.2 To 5631. %



MAT 4043

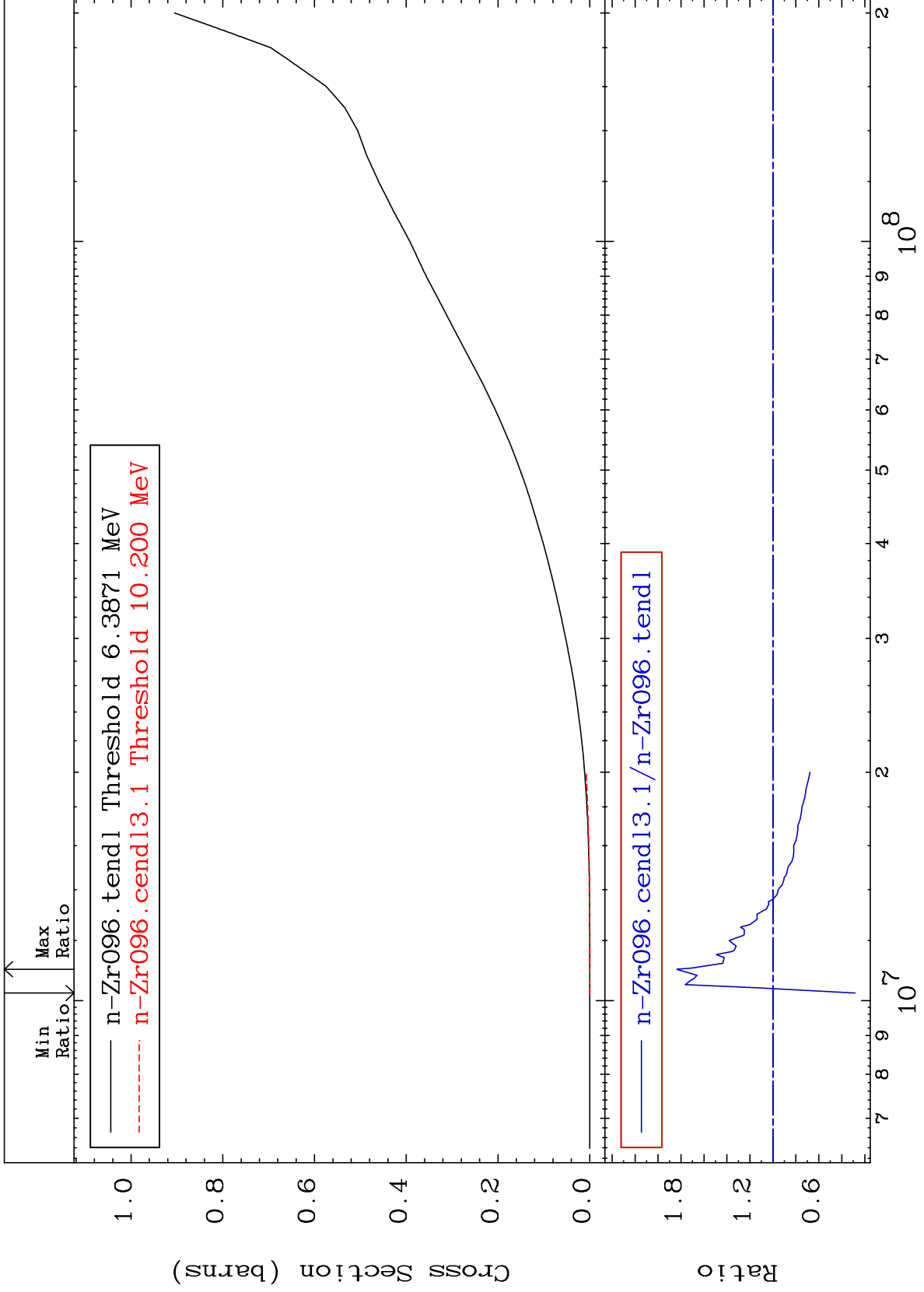
(n, α)
Cross Section
40-Zr-96
-46.25 To 281.9 %



MAT 4043

Hydrogen Production
Cross Section

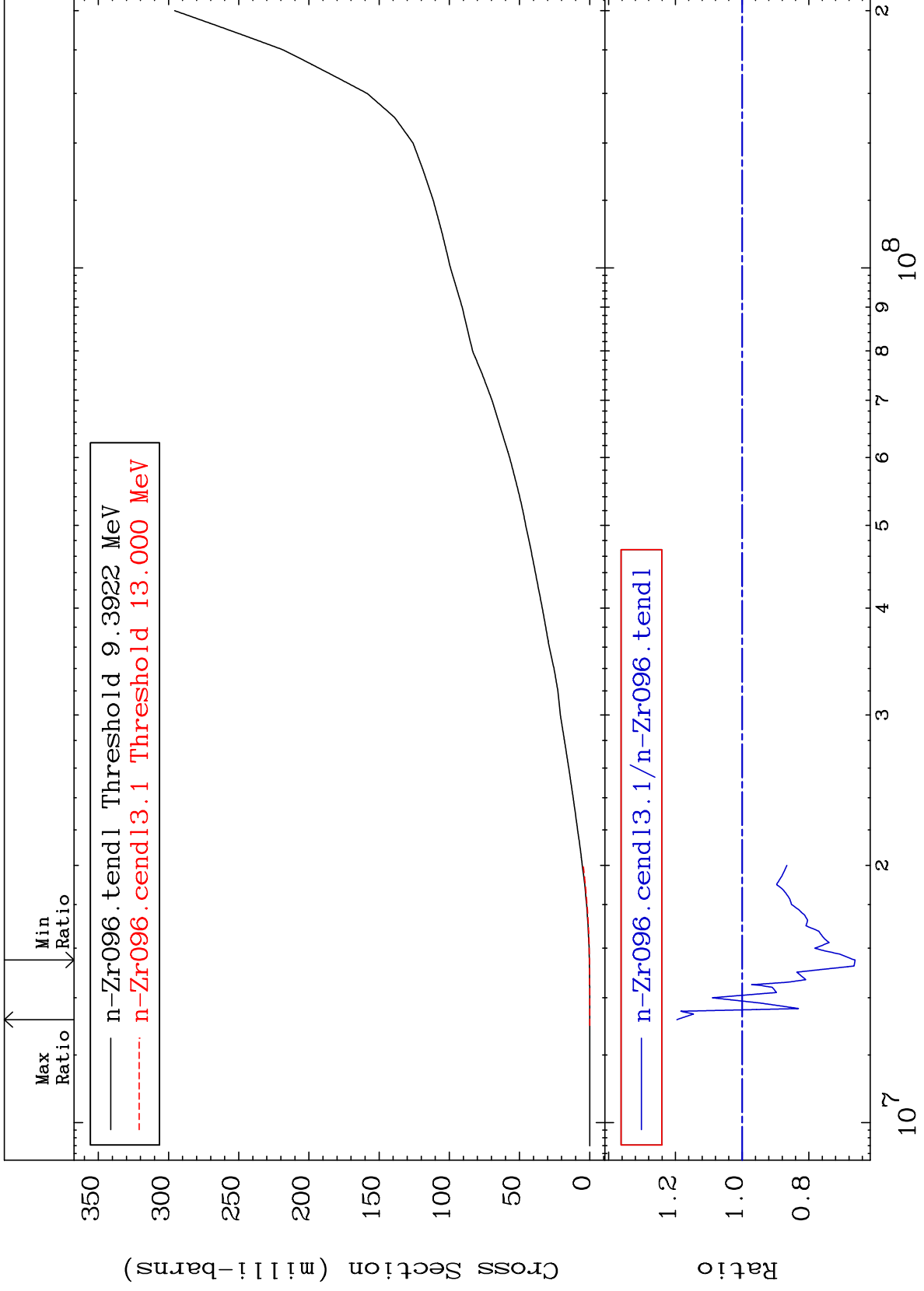
40-Zr-96
-71.59 To 83.56 %



MAT 4043

Deuterium Production
Cross Section

40-Zr-96
-33.83 To 19.55 %



23

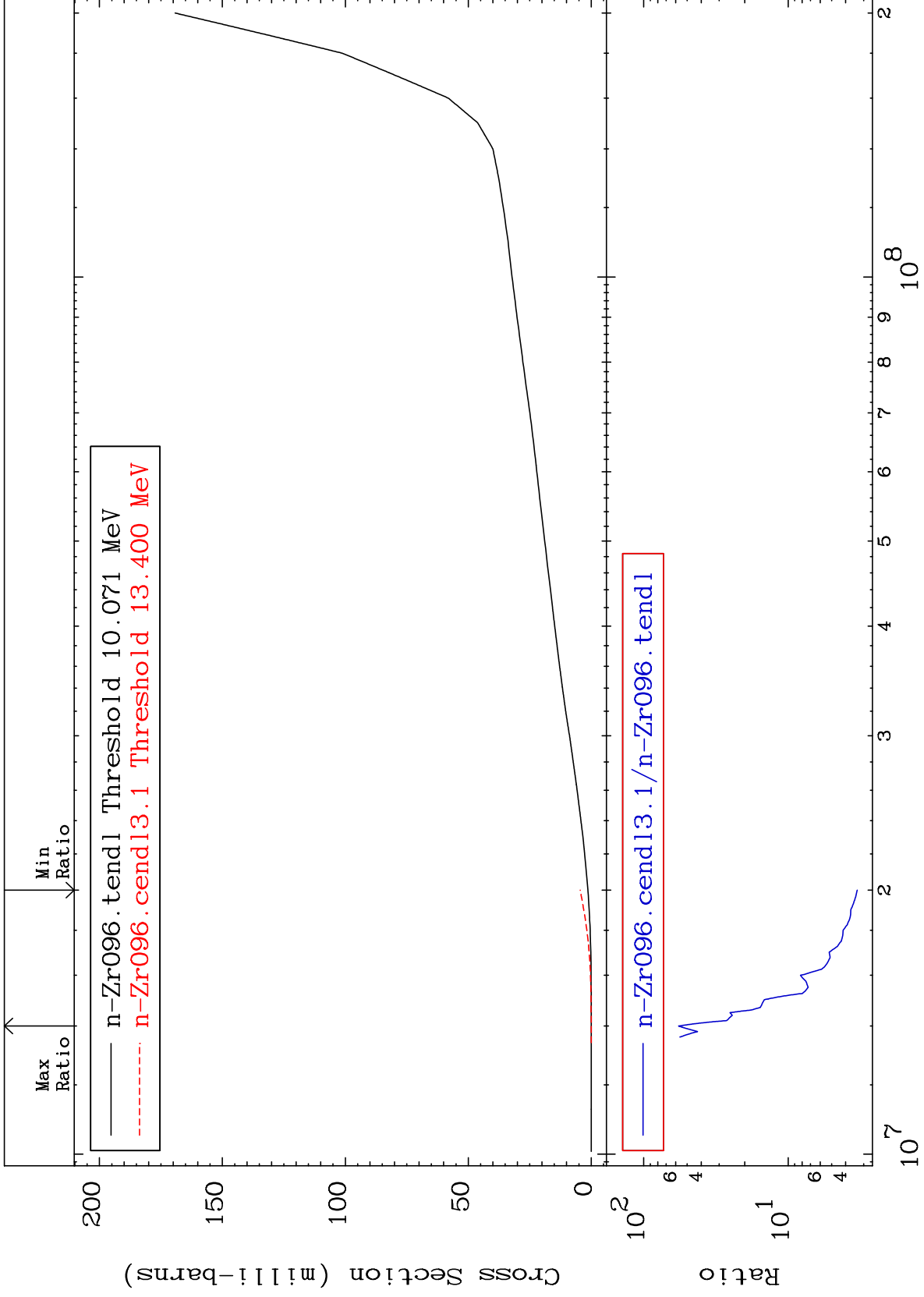
Incident Energy (eV)

40-Zr-96

MAT 4043

Tritium Production
Cross Section

40-Zr-96
232.2 To 5631. %



24

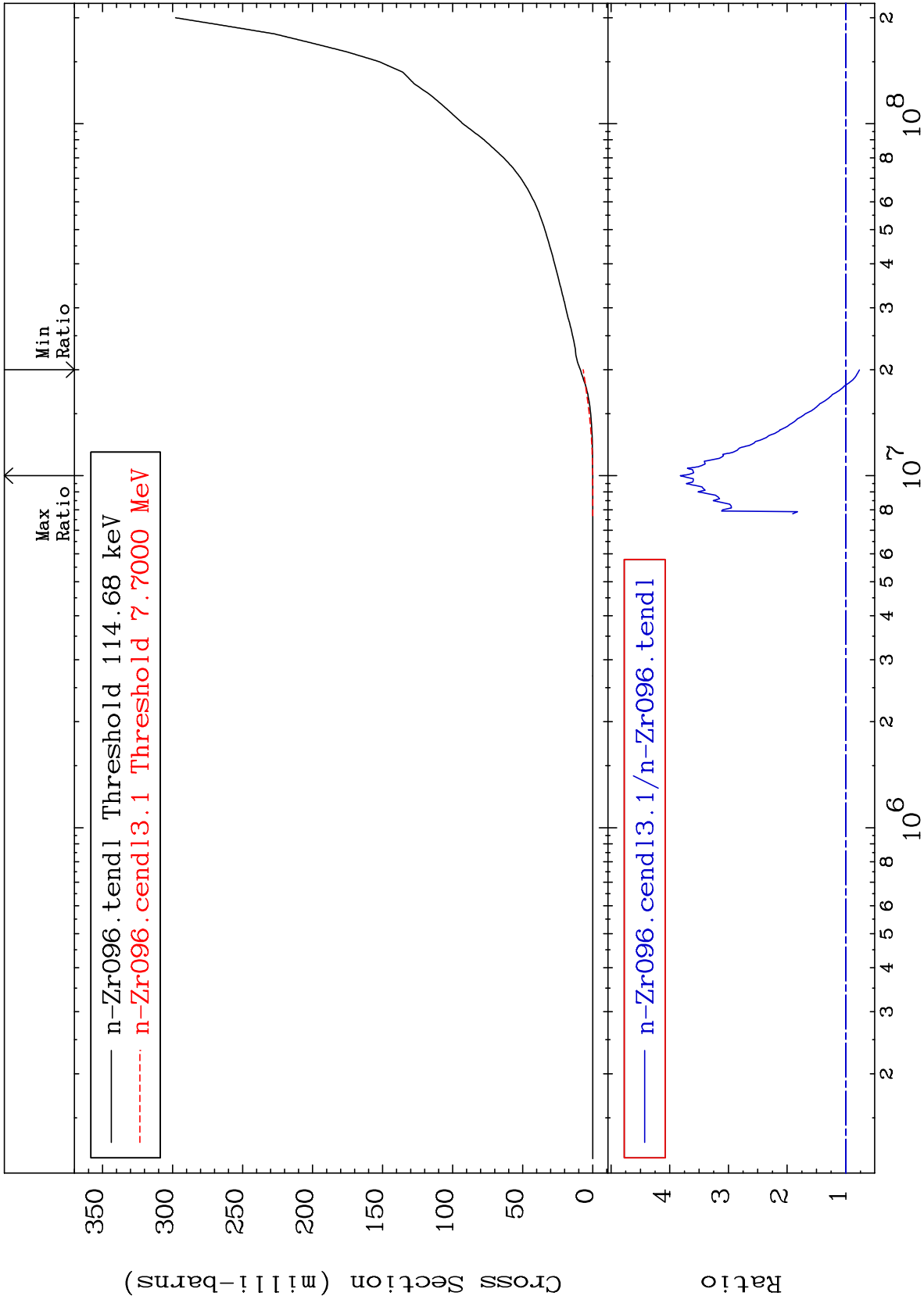
Incident Energy (eV)

40-Zr-96

MAT 4043

He-4 Production
Cross Section

40-Zr-96
-23.22 To 281.9 %



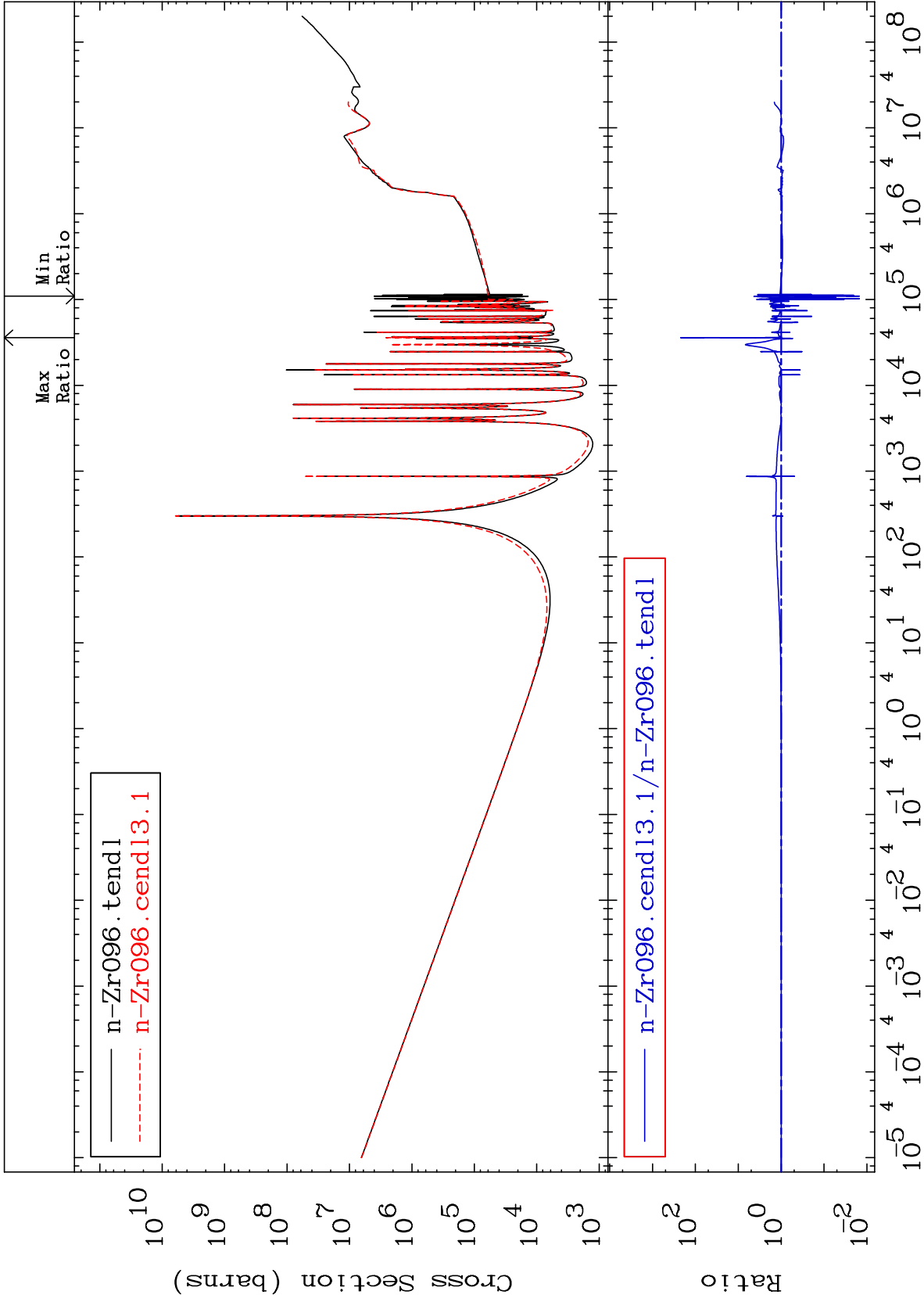
MAT 4043

Kerma total (eV-barns)

40-Zr-96

Cross Section

-98.50 To 9999. %



26

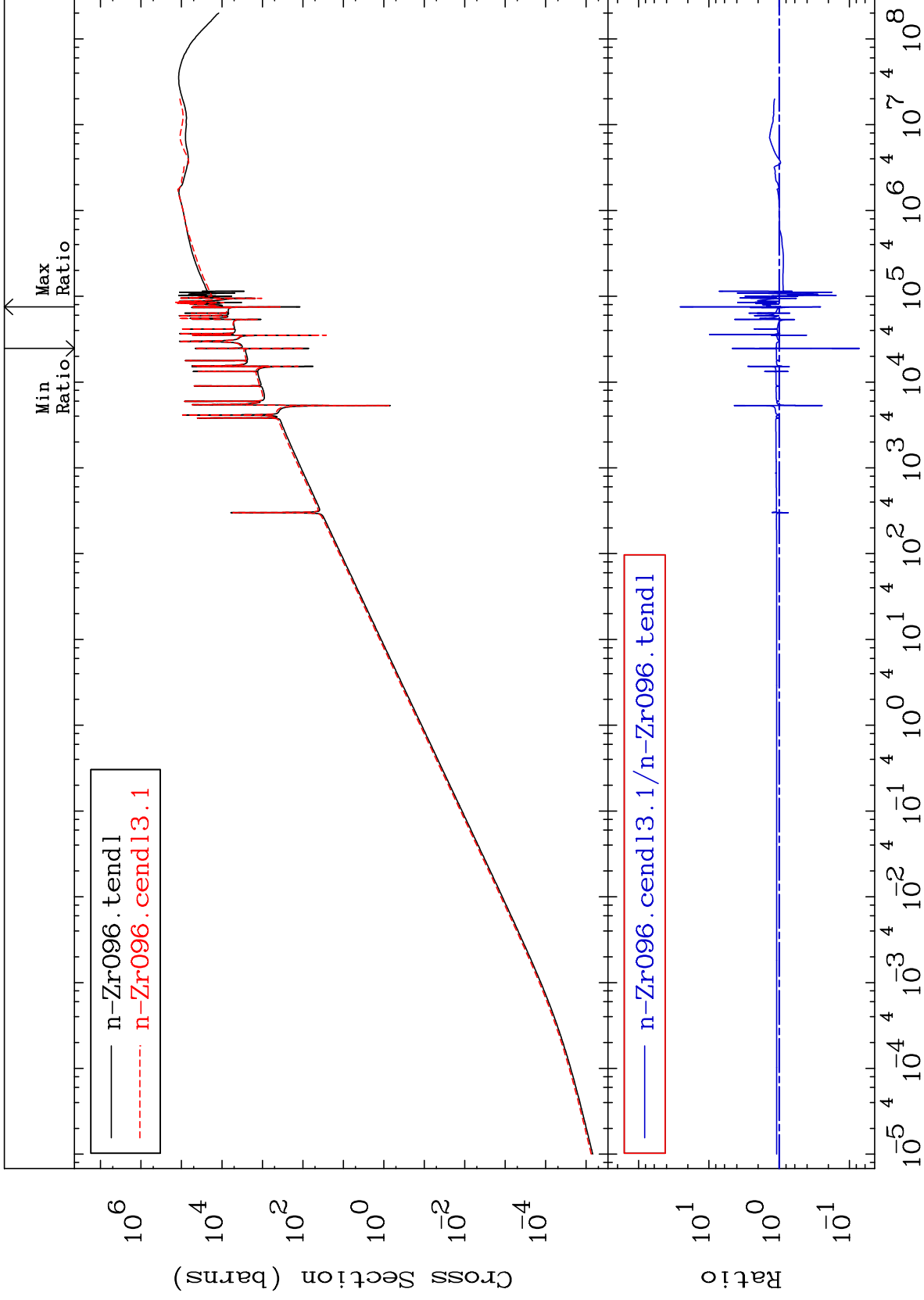
Incident Energy (eV)

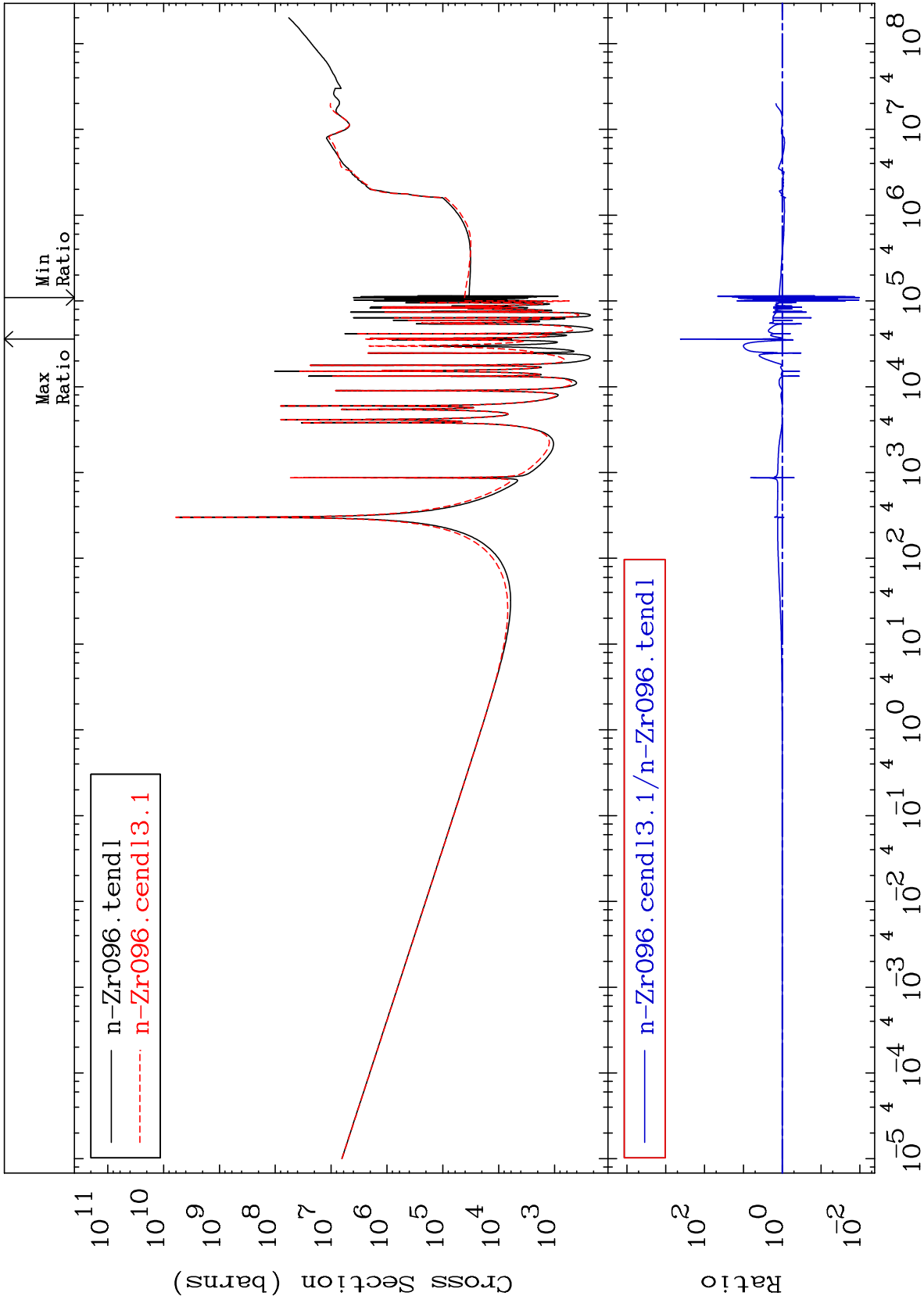
40-Zr-96

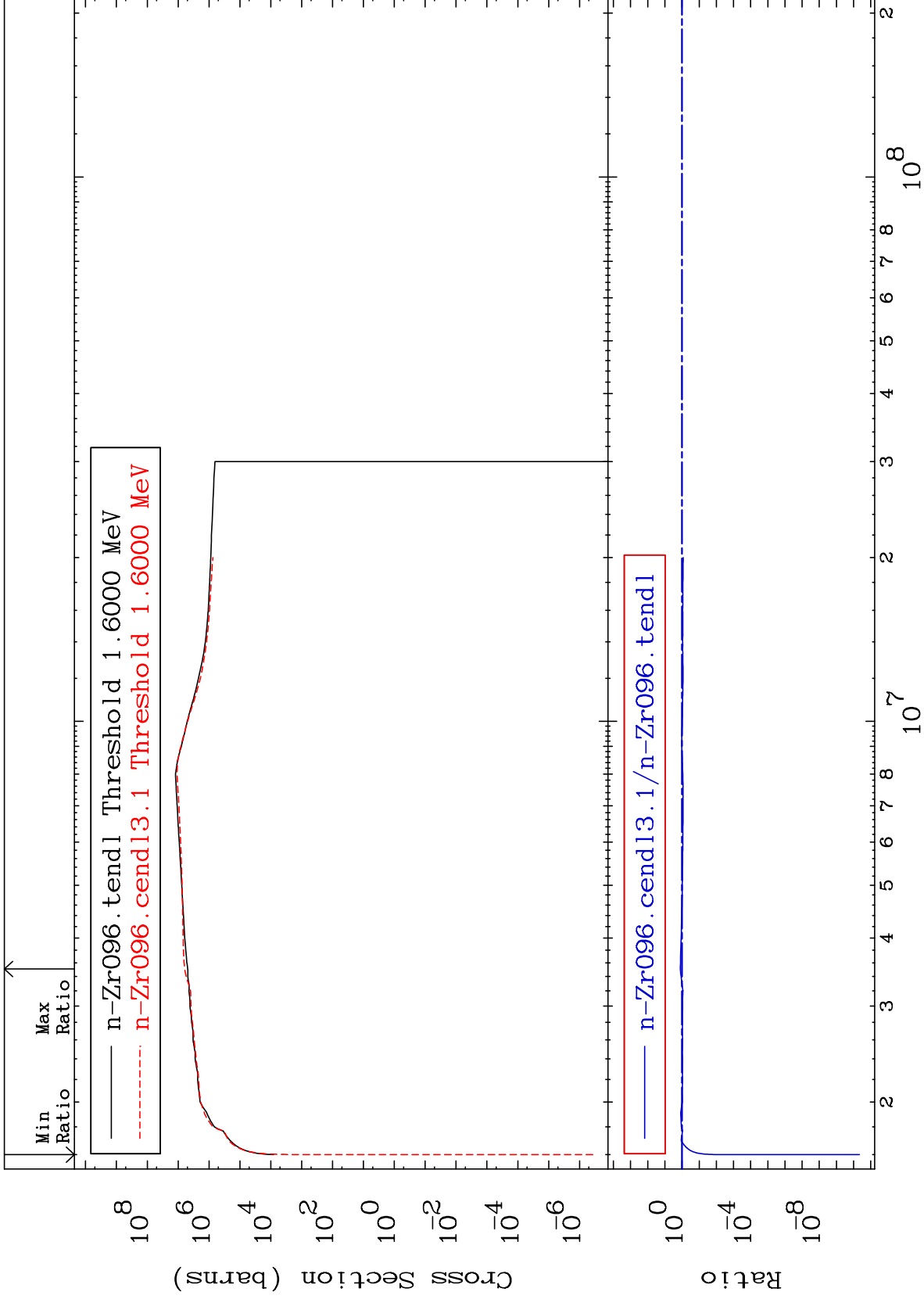
MAT 4043

Kerma elastic
Cross Section

40-Zr-96
-92.78 To 2447. %



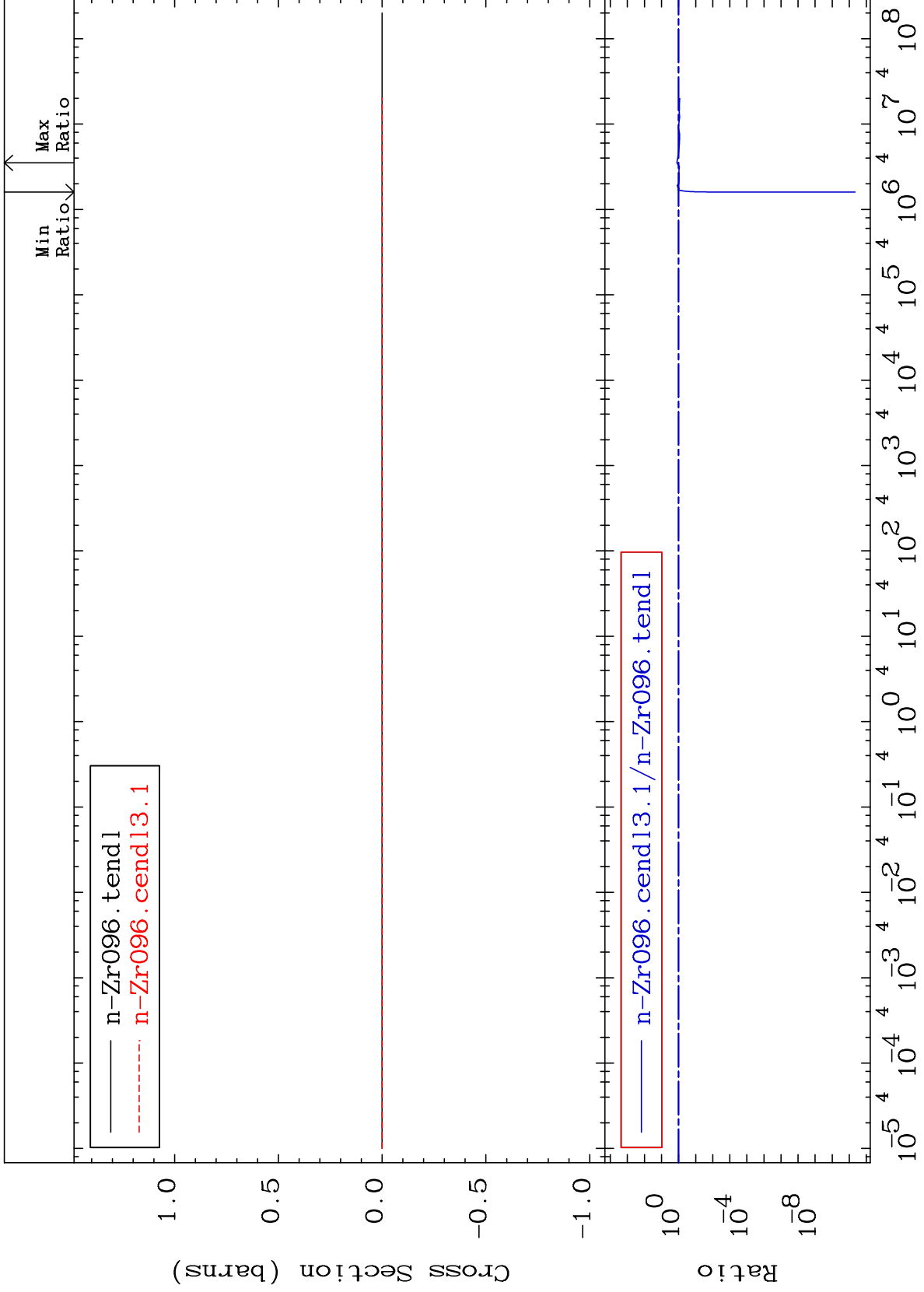




MAT 4043

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

40-Zr-96
-100.0 To 25.15 %



30

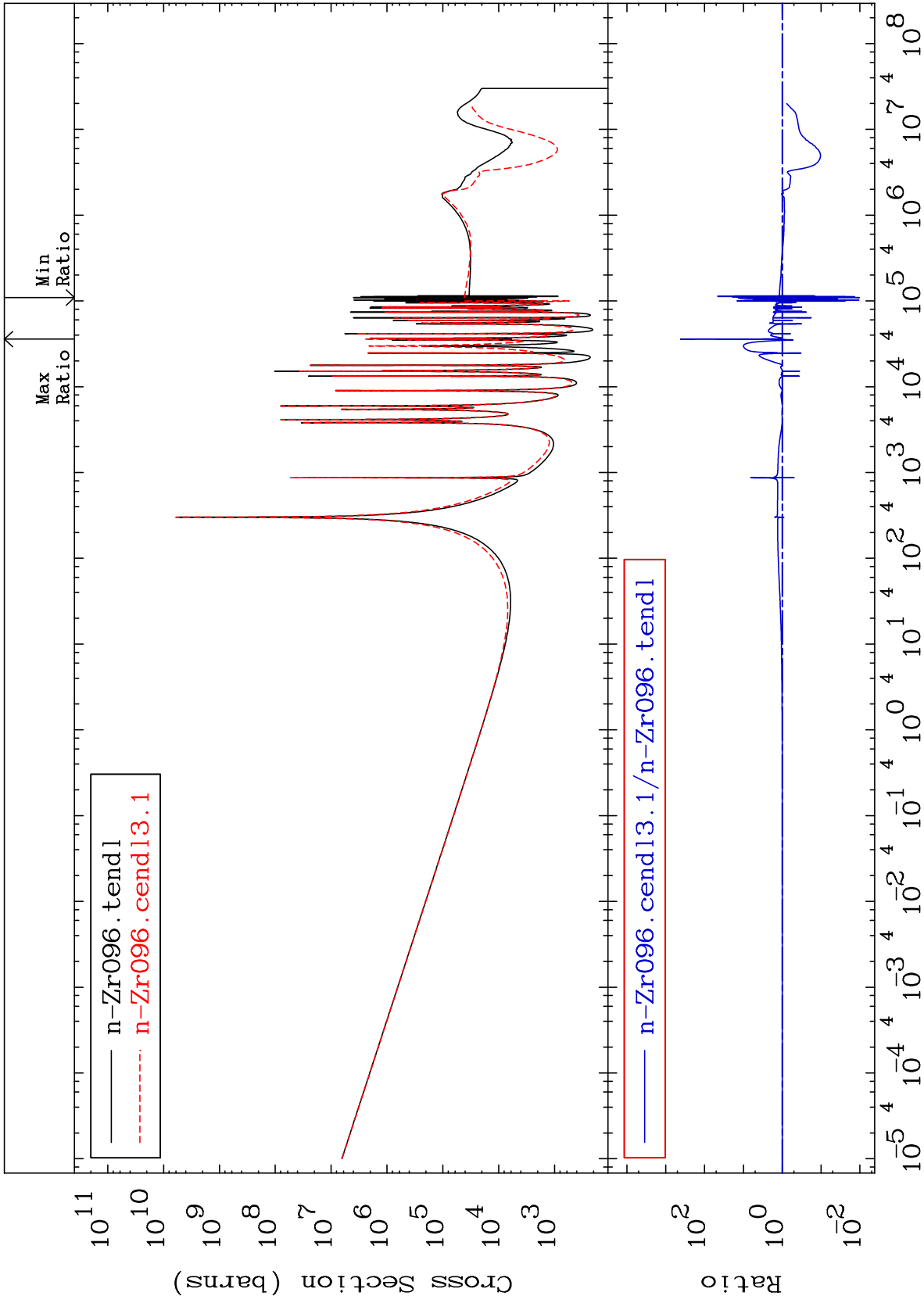
Incident Energy (eV)

40-Zr-96

MAT 4043

Kerma capture (mt102)
Cross Section

40-Zr-96
-98.97 To 9999. %



31

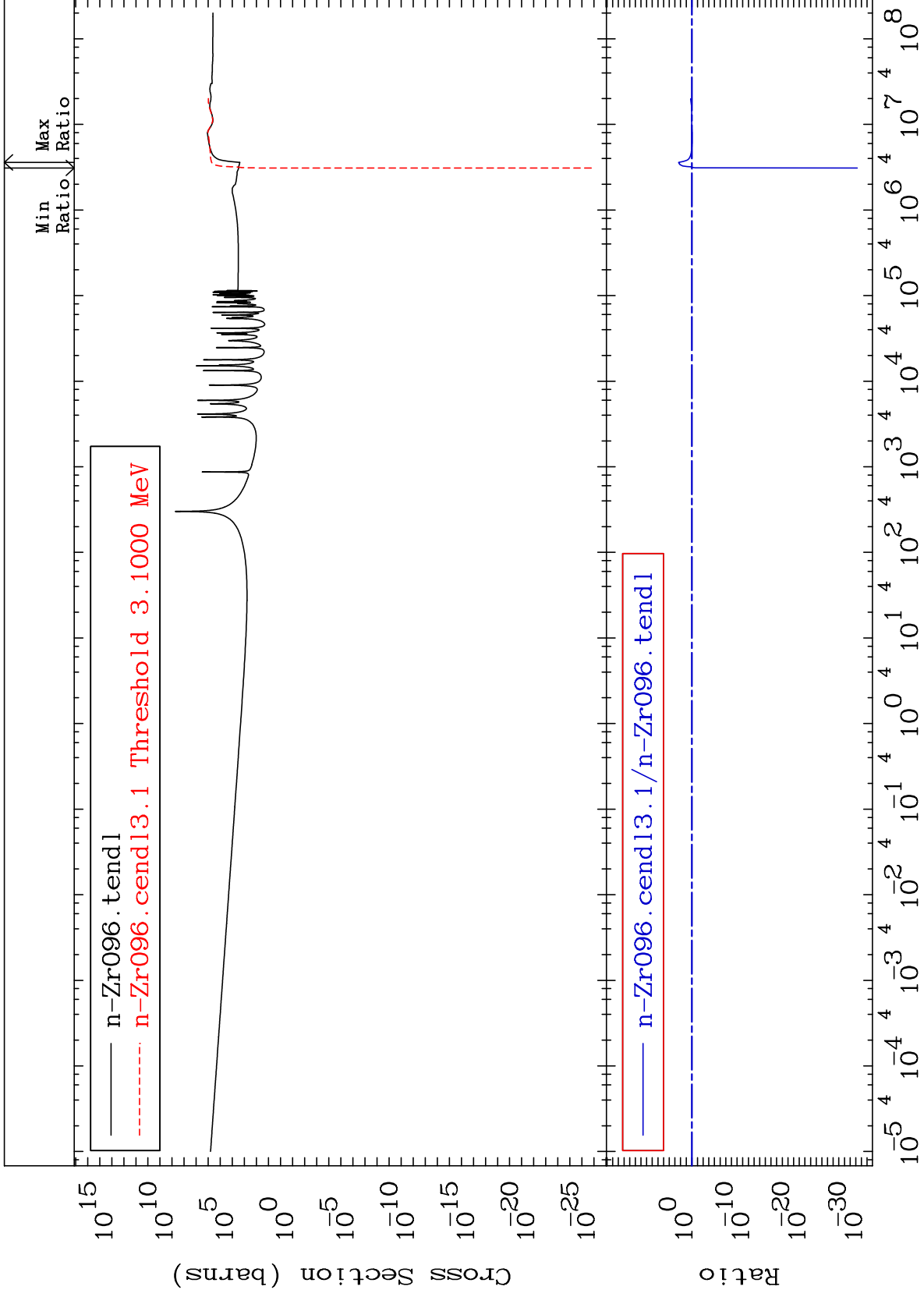
Incident Energy (eV)

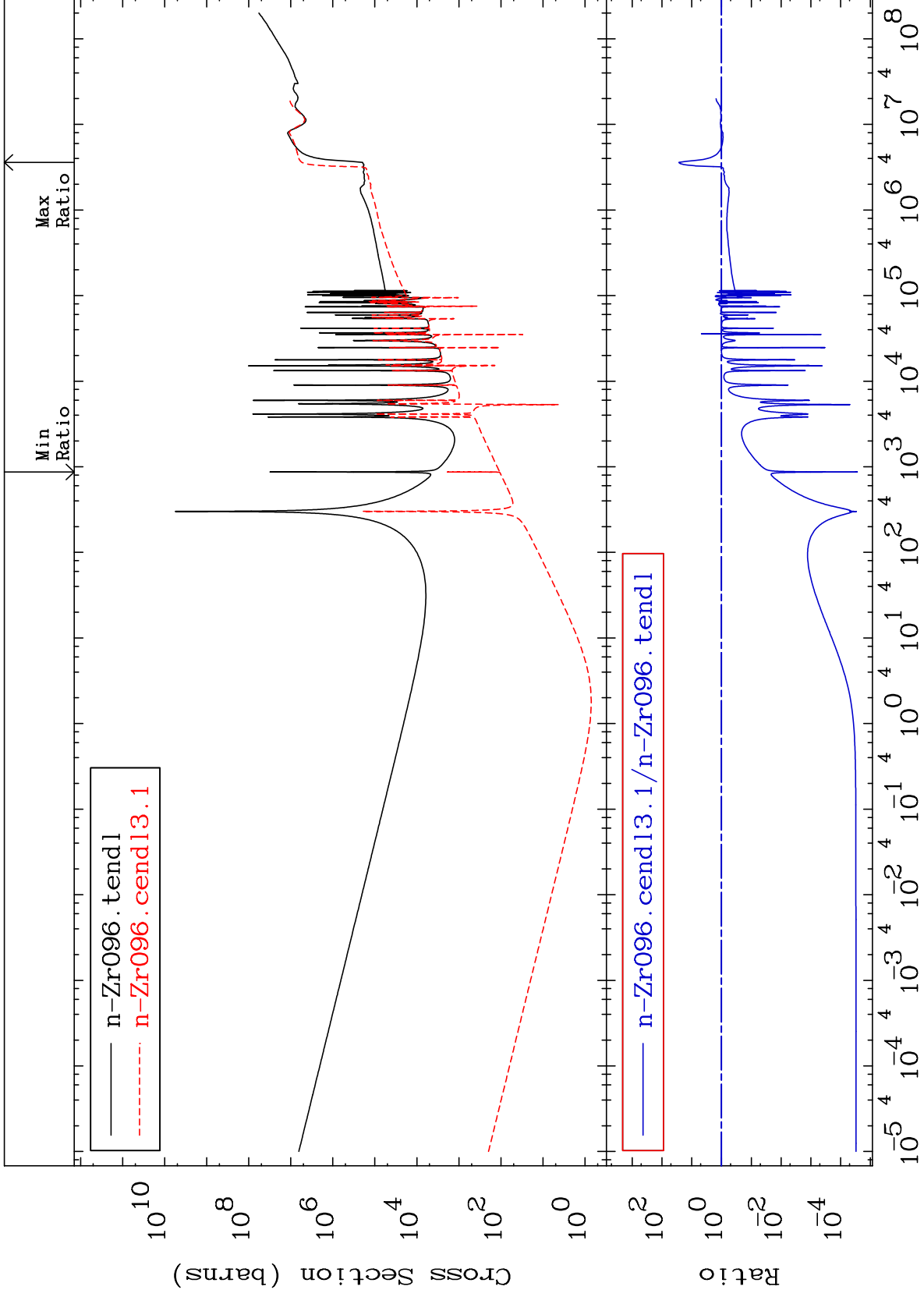
40-Zr-96

MAT 4043

Total photon (eV-barns)
Cross Section

40-Zr-96
-100.0 To 9999. %





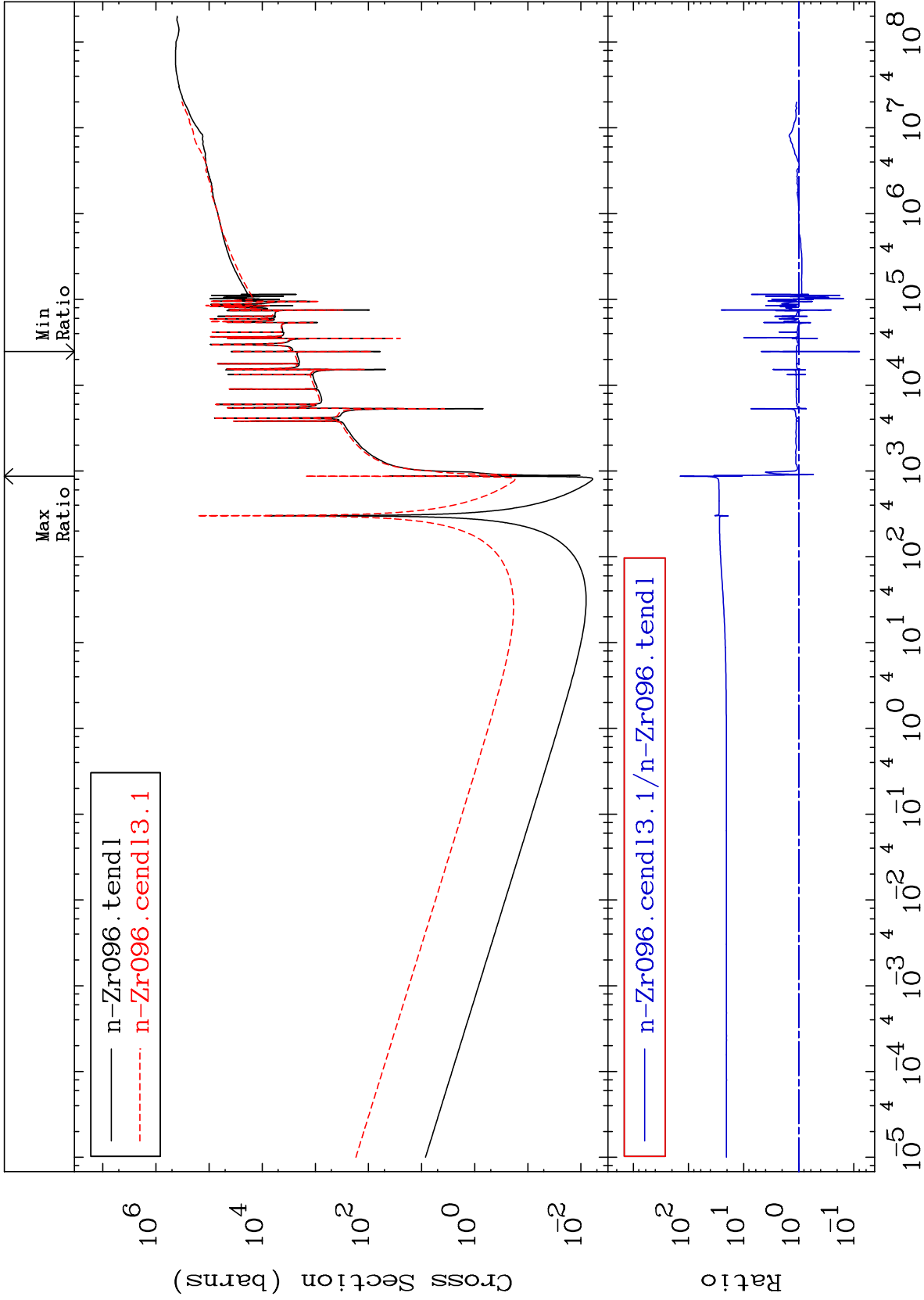
MAT 4043

Dpa total (eV-barns)

40-Zr-96

-92.09 To 9999. %

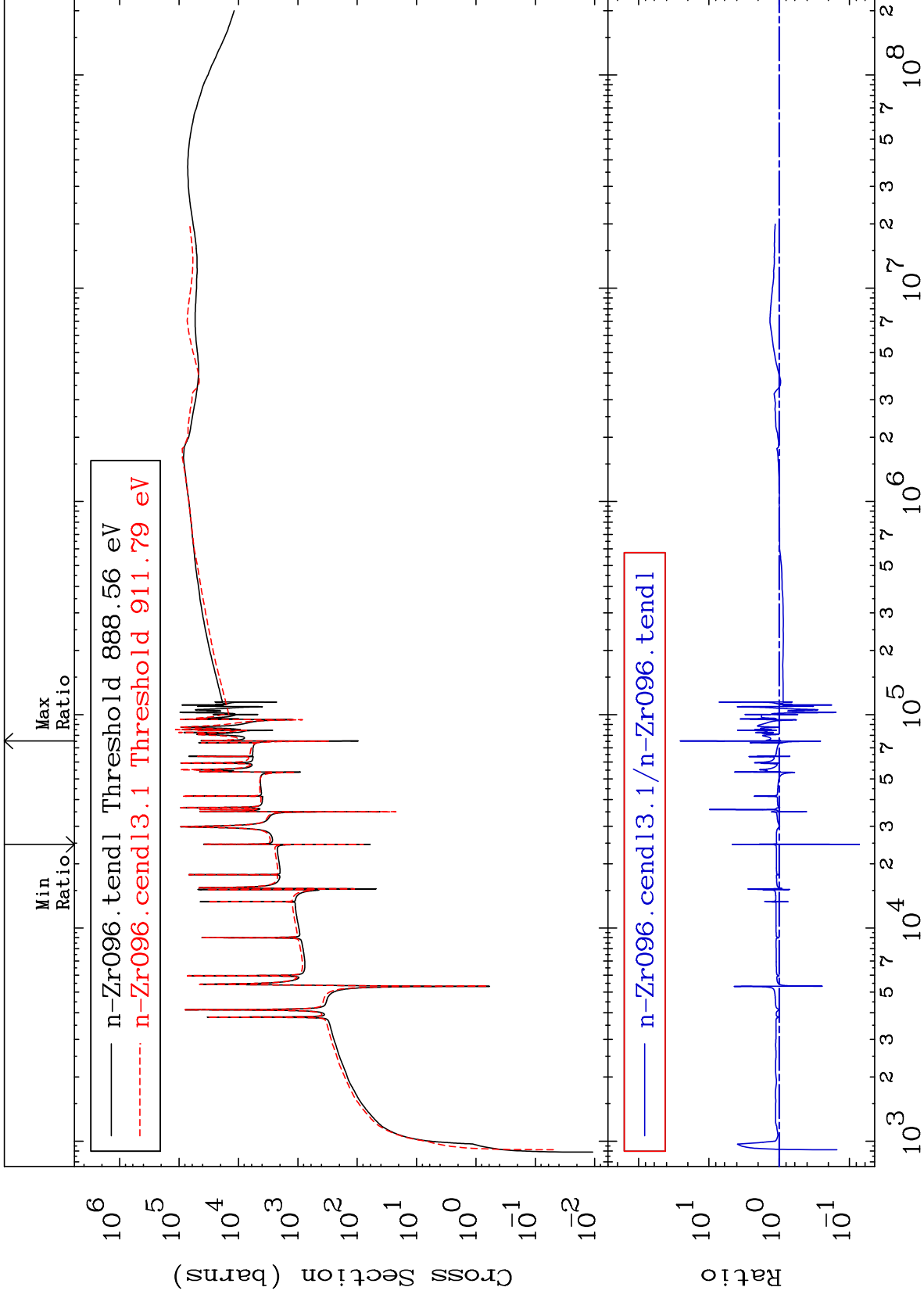
Cross Section



MAT 4043

Dpa elastic (mt2)
Cross Section

40-Zr-96
-92.78 To 2450. %



35

40-Zr-96

40-Zr-96

