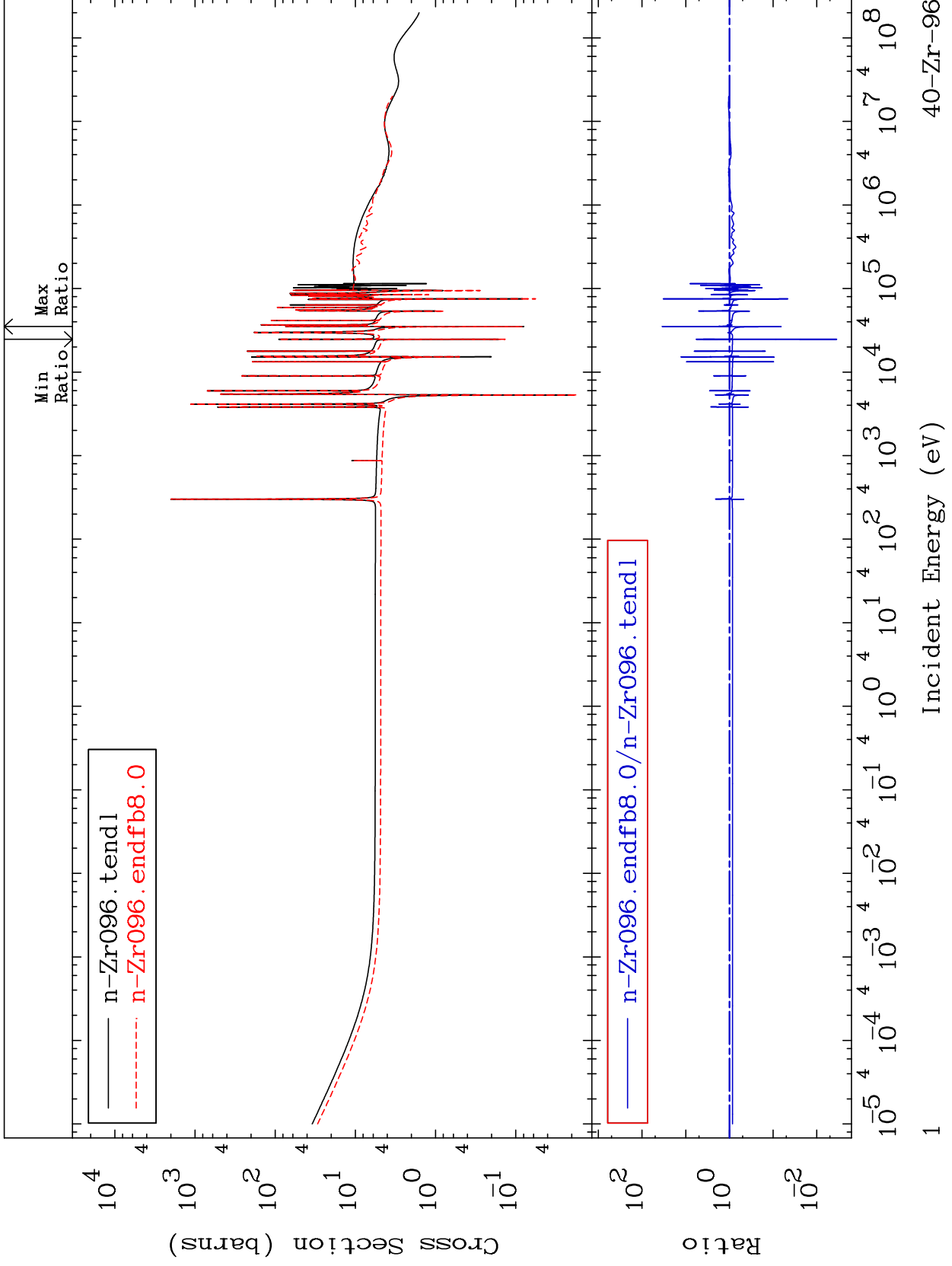


MAT 4043

Total
Cross Section

40-Zr-96
-99.65 To 3341. %

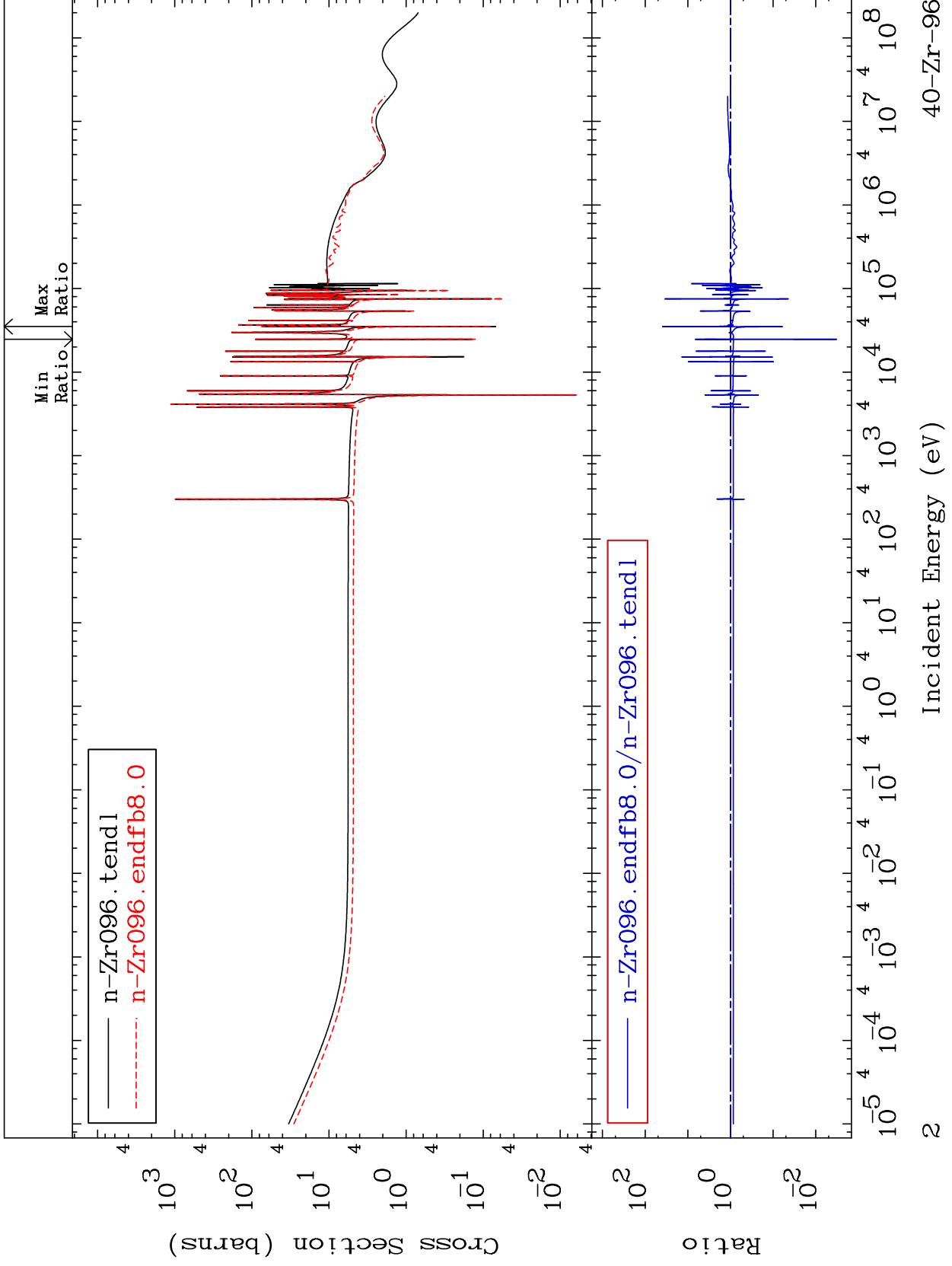


40-Zr-96

MAT 4043

Elastic
Cross Section

40-Zr-96
-99.68 To 3859. %



40-Zr-96

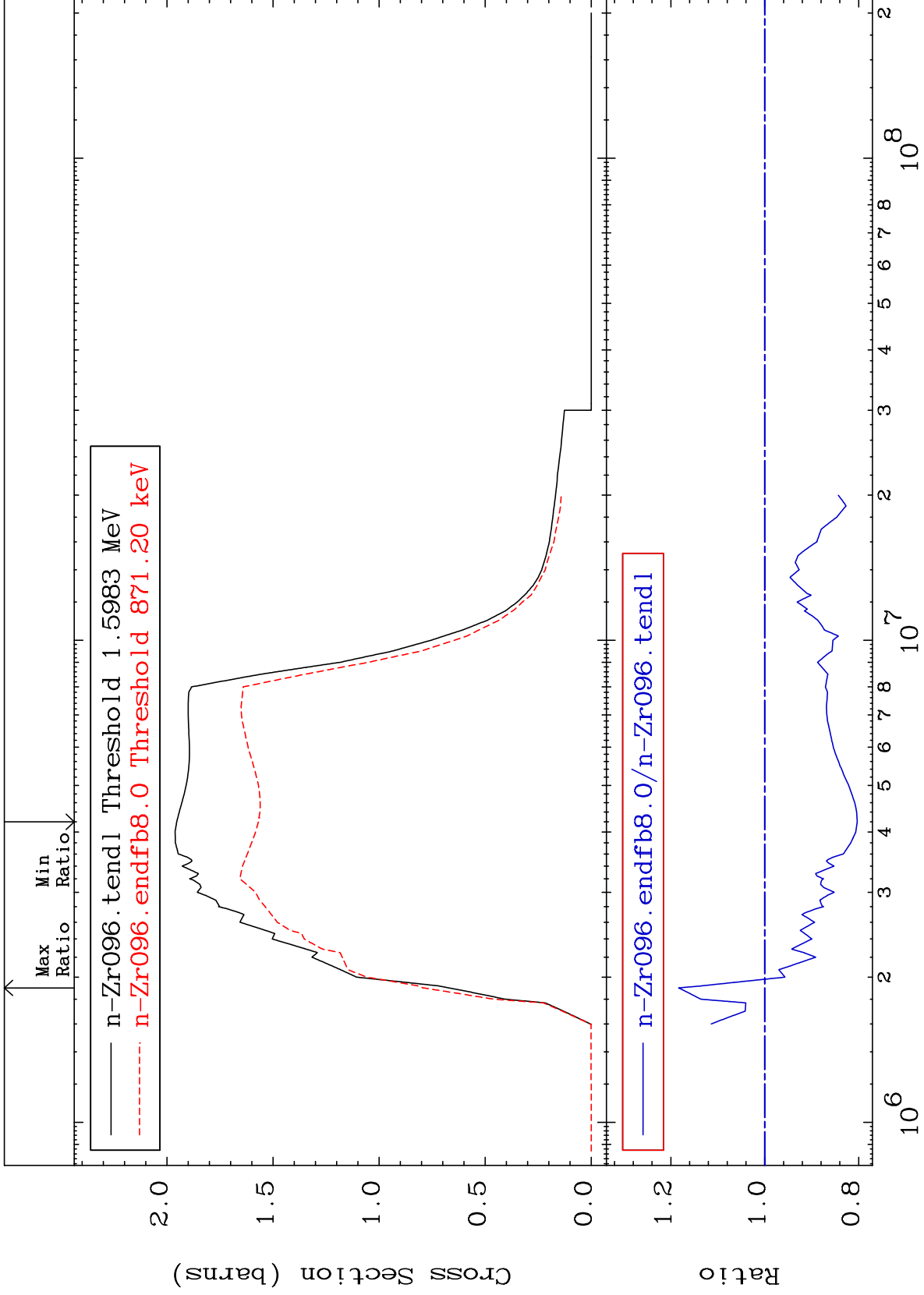
Incident Energy (eV)

2

MAT 4043

Inelastic
Cross Section

40-Zr-96
-19.70 To 18.34 %



3

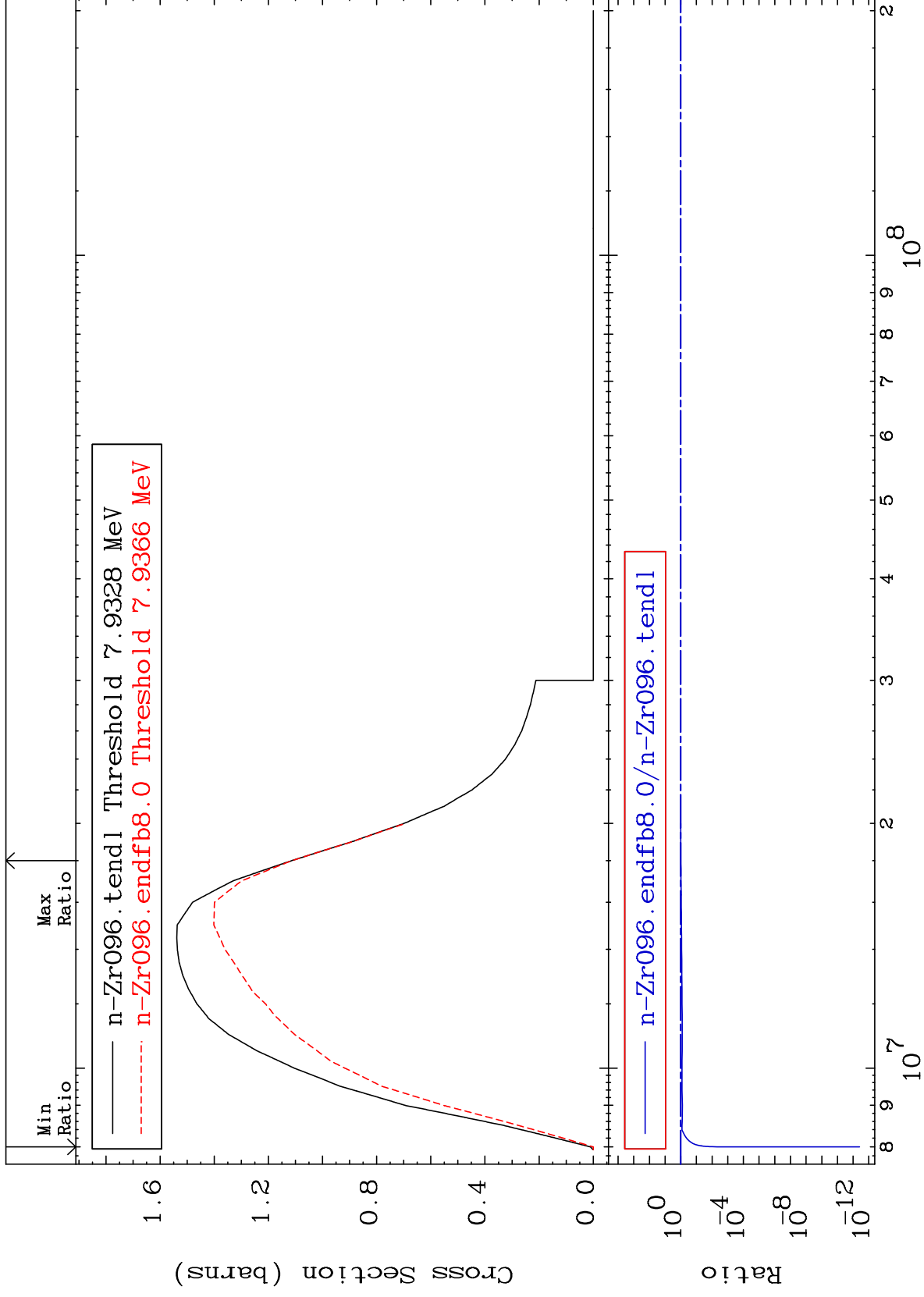
Incident Energy (eV)

40-Zr-96

MAT 4043

(n,2n)
Cross Section

40-Zr-96
-100.0 To -0.081%



Incident Energy (eV)

40-Zr-96

4

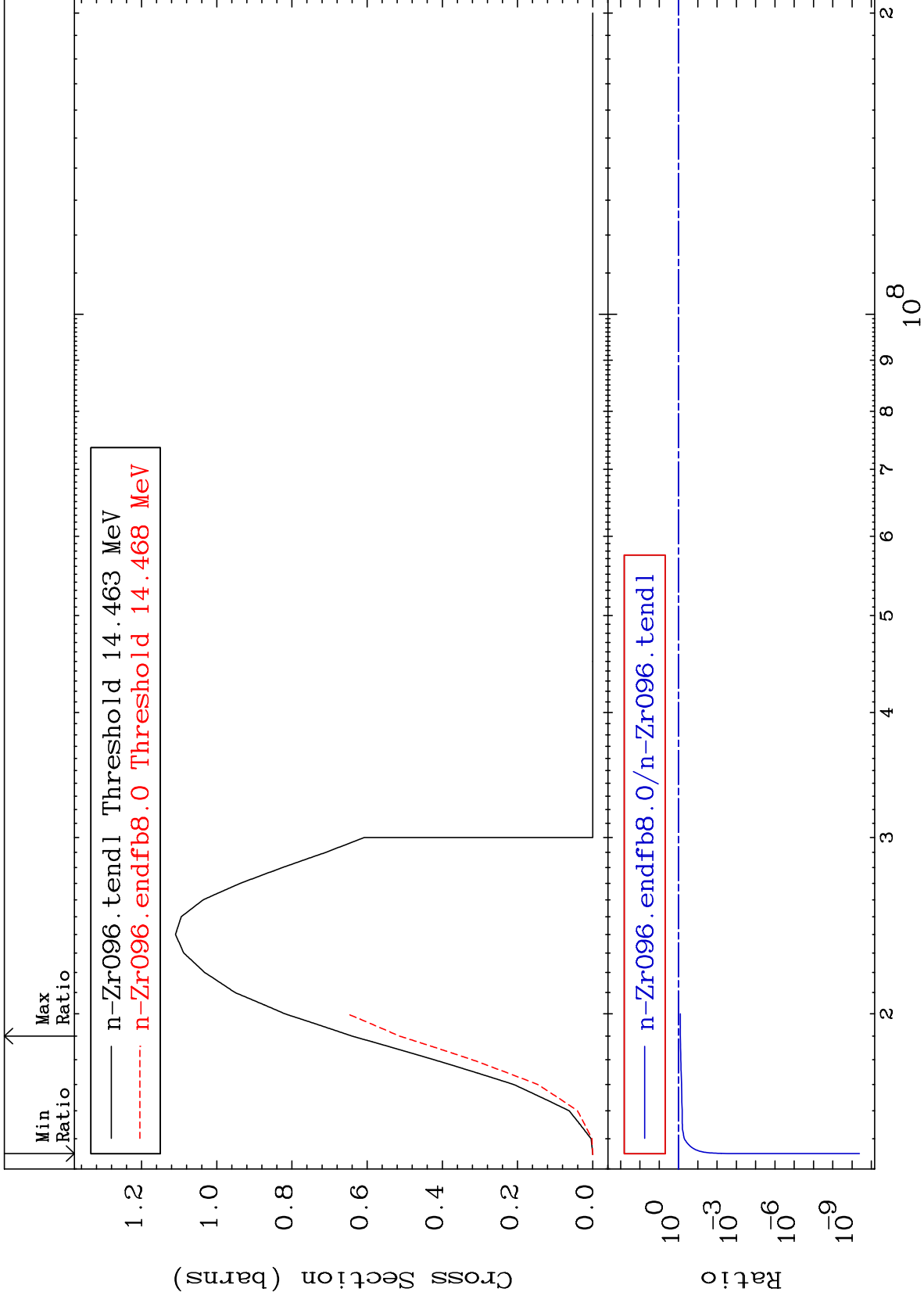
MAT 4043

(n,3n)

40-Zr-96

Cross Section

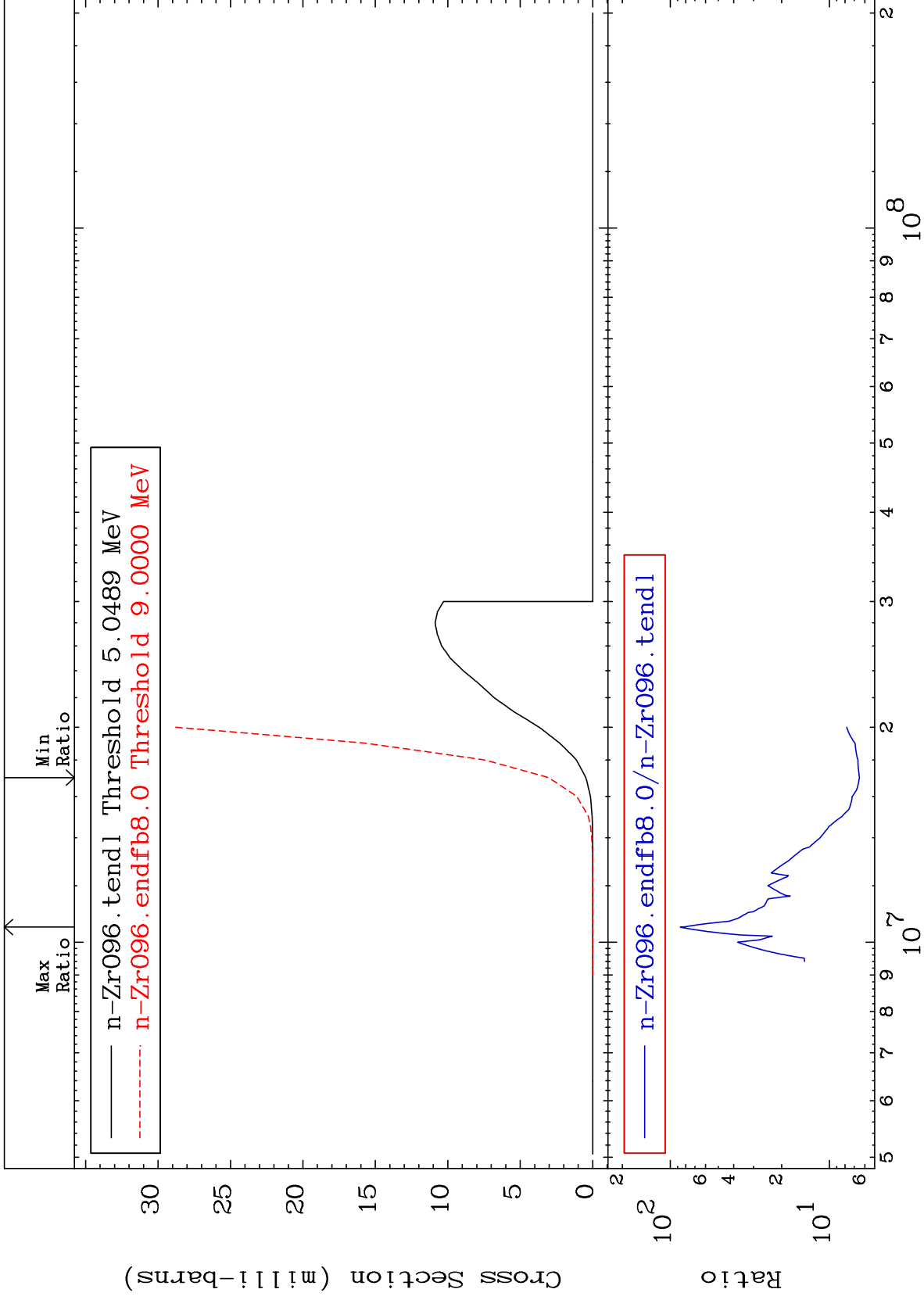
-100.0 To -19.75%



MAT 4043

(n, n') α
Cross Section

40-Zr-96
548.8 To 8540. %



6

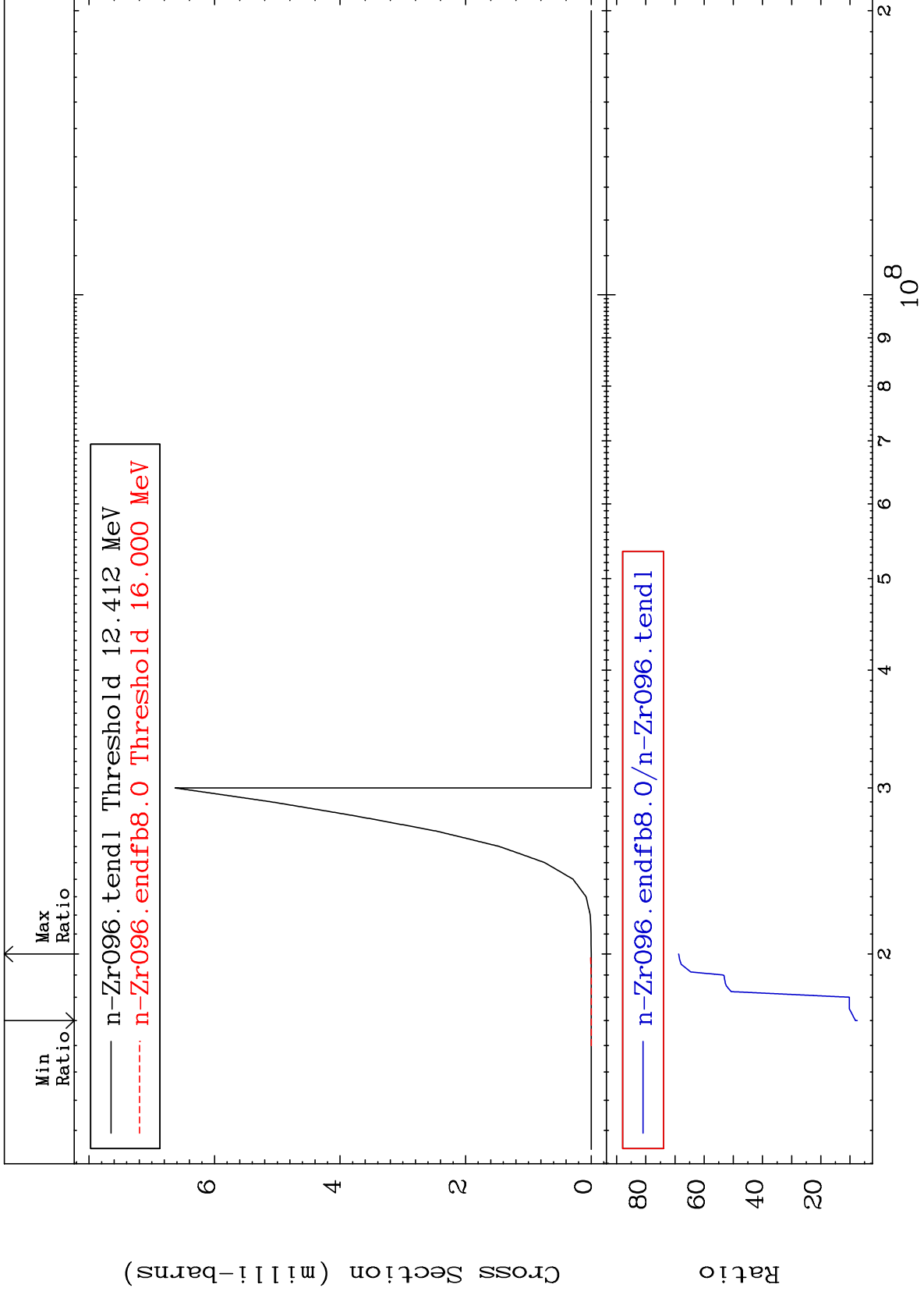
40-Zr-96

40-Zr-96

MAT 4043

(n,2n) α
Cross Section

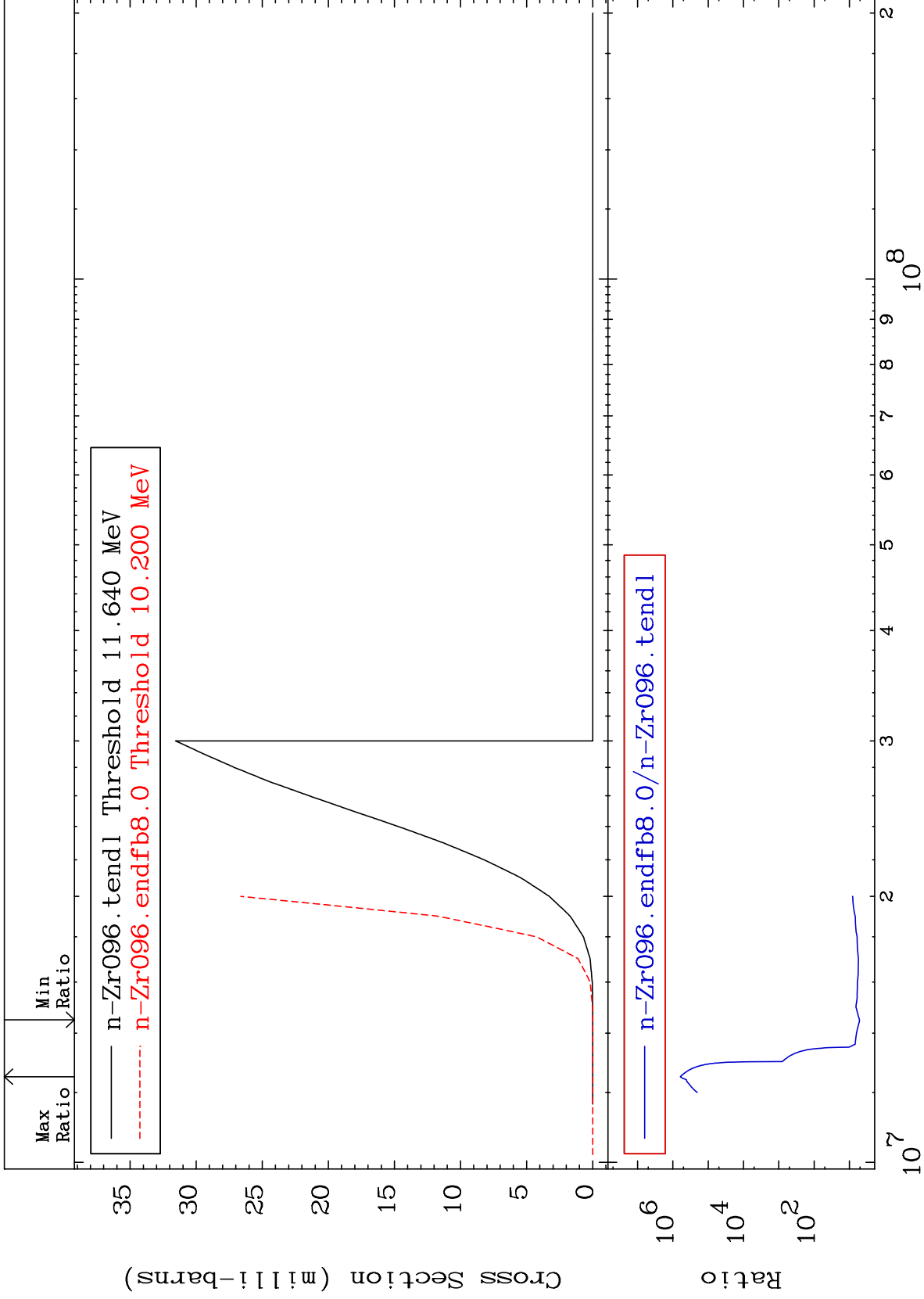
40-Zr-96
651.2 To 6775. %



MAT 4043

(n,n') p
Cross Section

40-Zr-96
420.4 To 9999. %

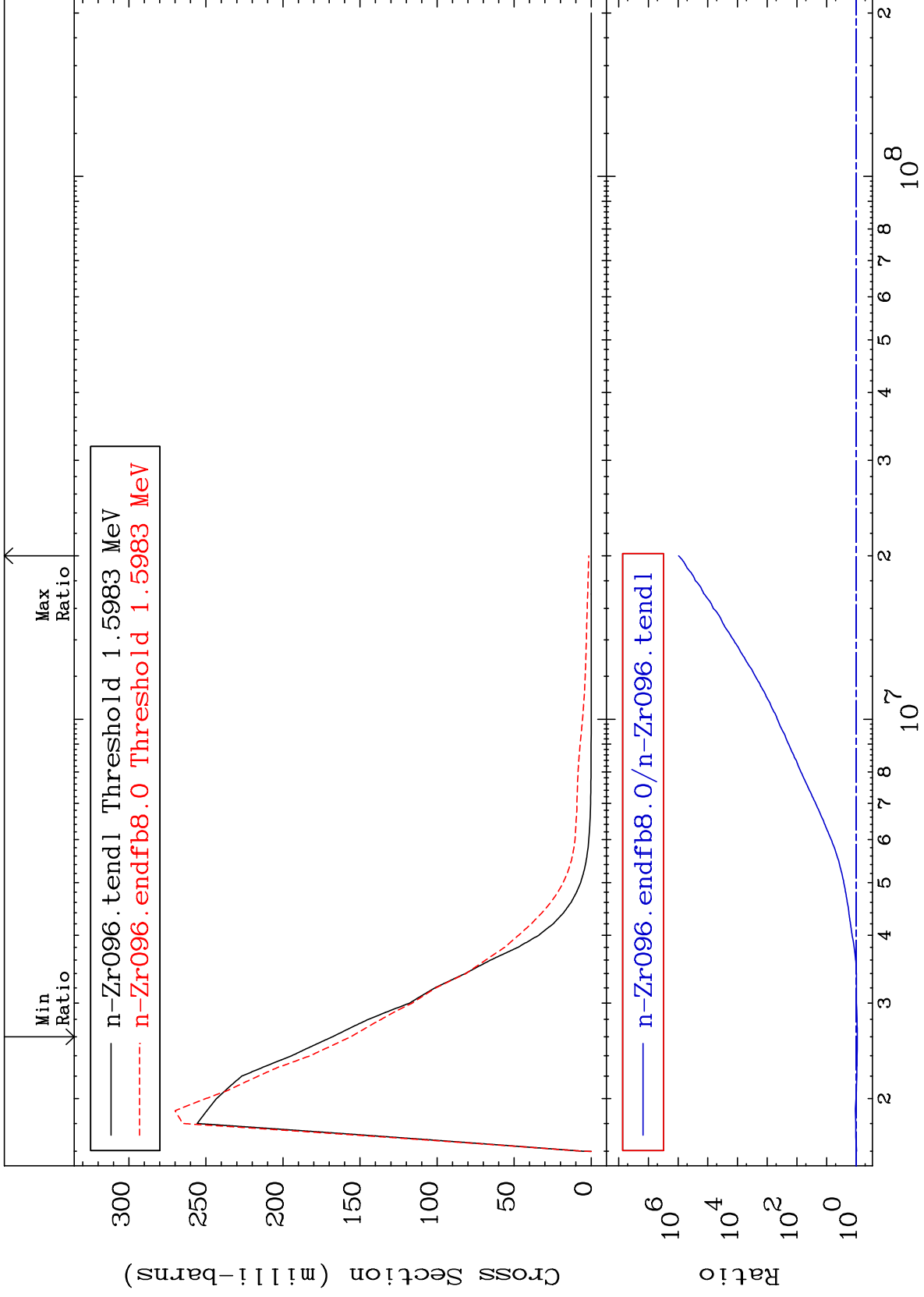


40-Zr-96

MAT 4043

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

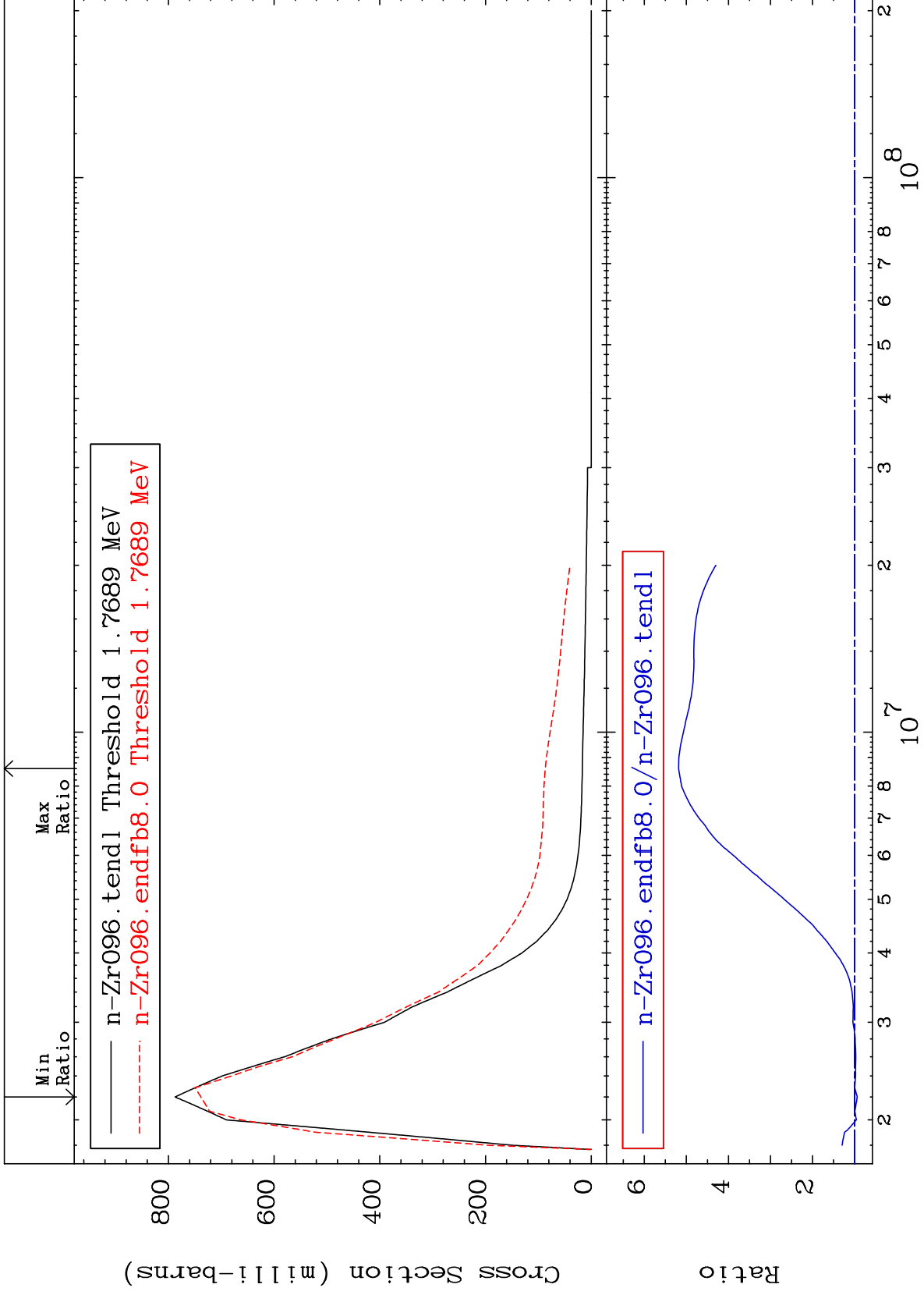
40-Zr-96
-7.098 To 9999. %



MAT 4043

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

40-Zr-96
-6.201 To 418.4 %



10

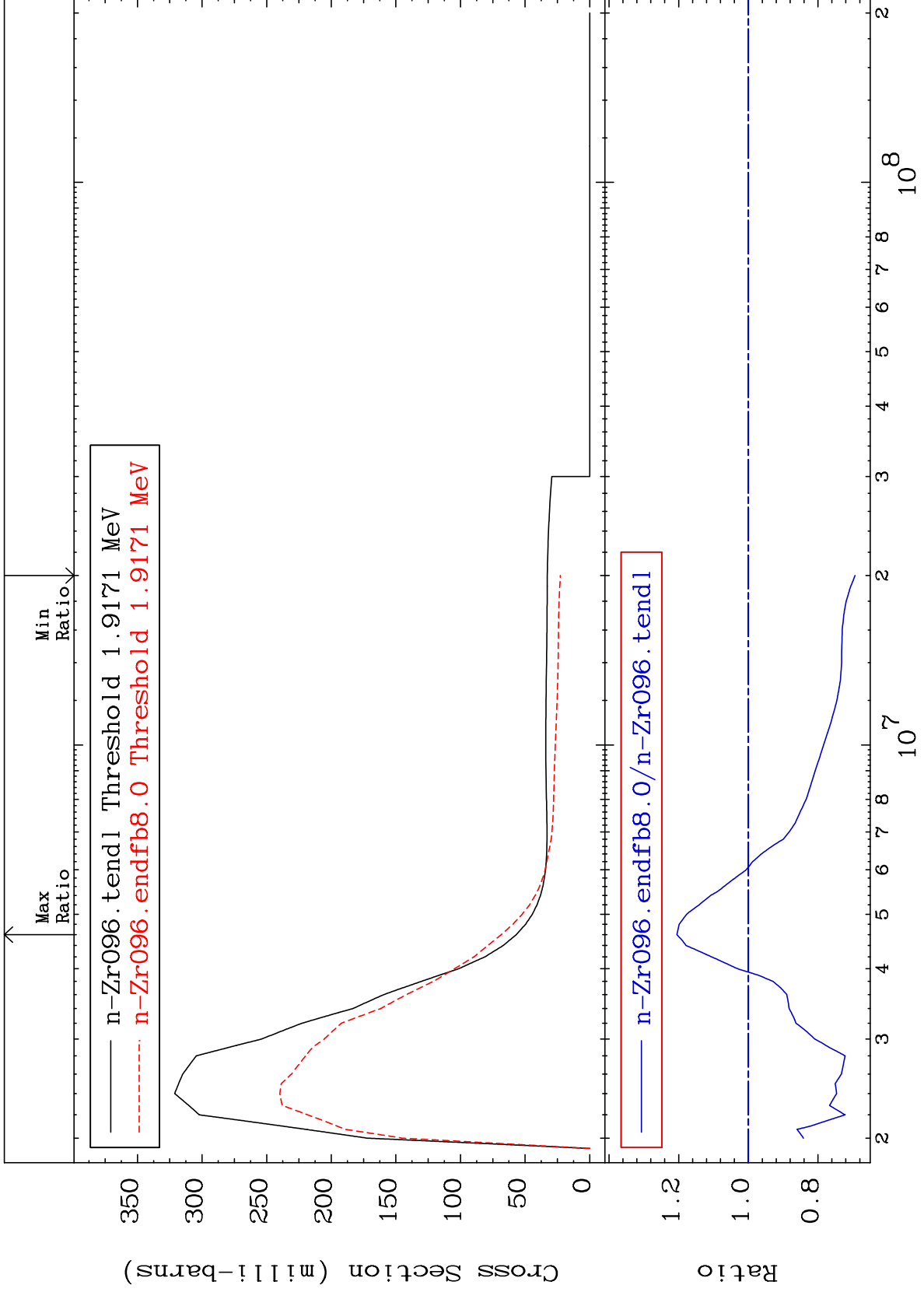
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96
-30.66 To 20.50 %



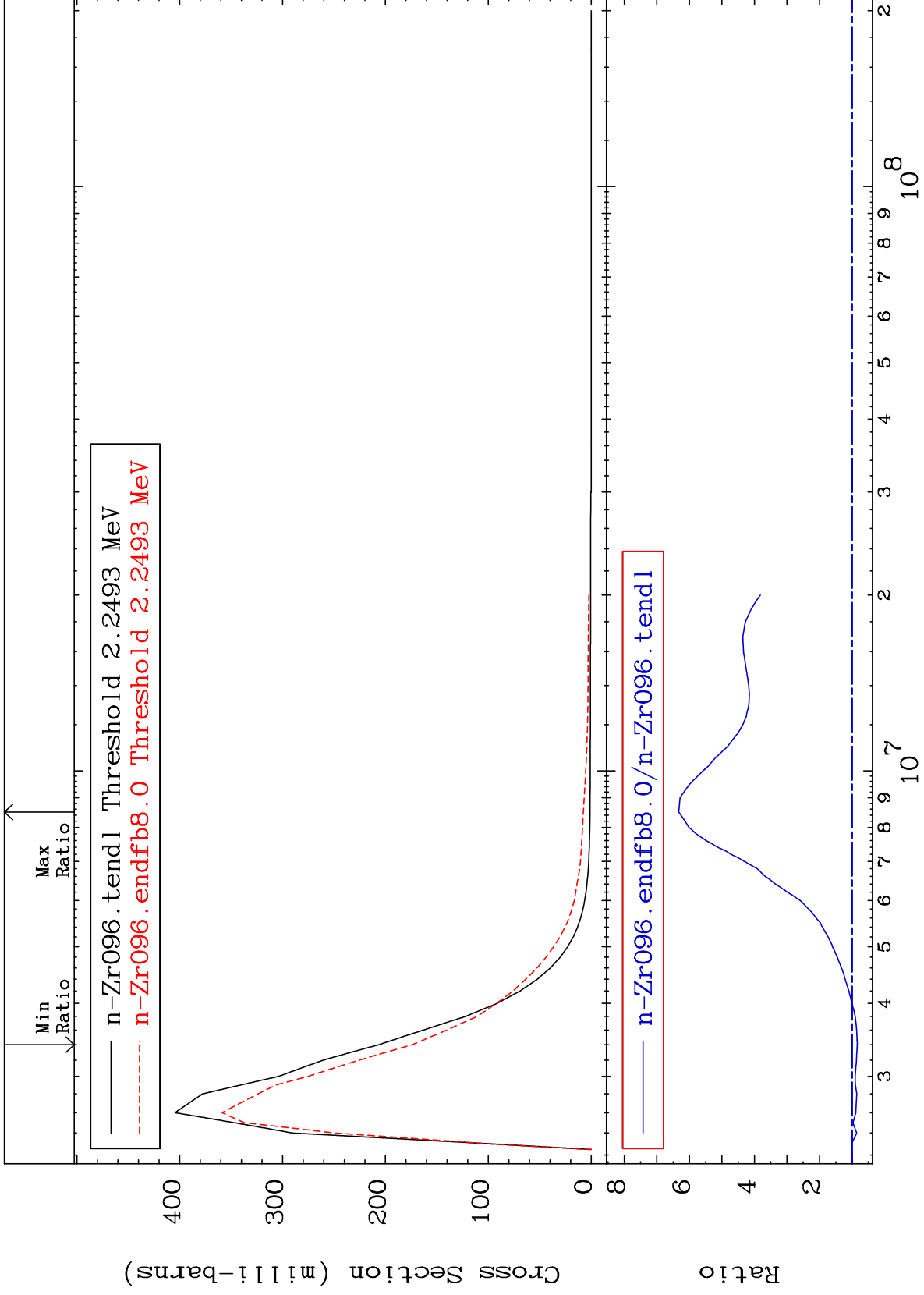
11

40-Zr-96

MAT 4043

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

40-Zr-96
-15.86 To 533.0 %



12

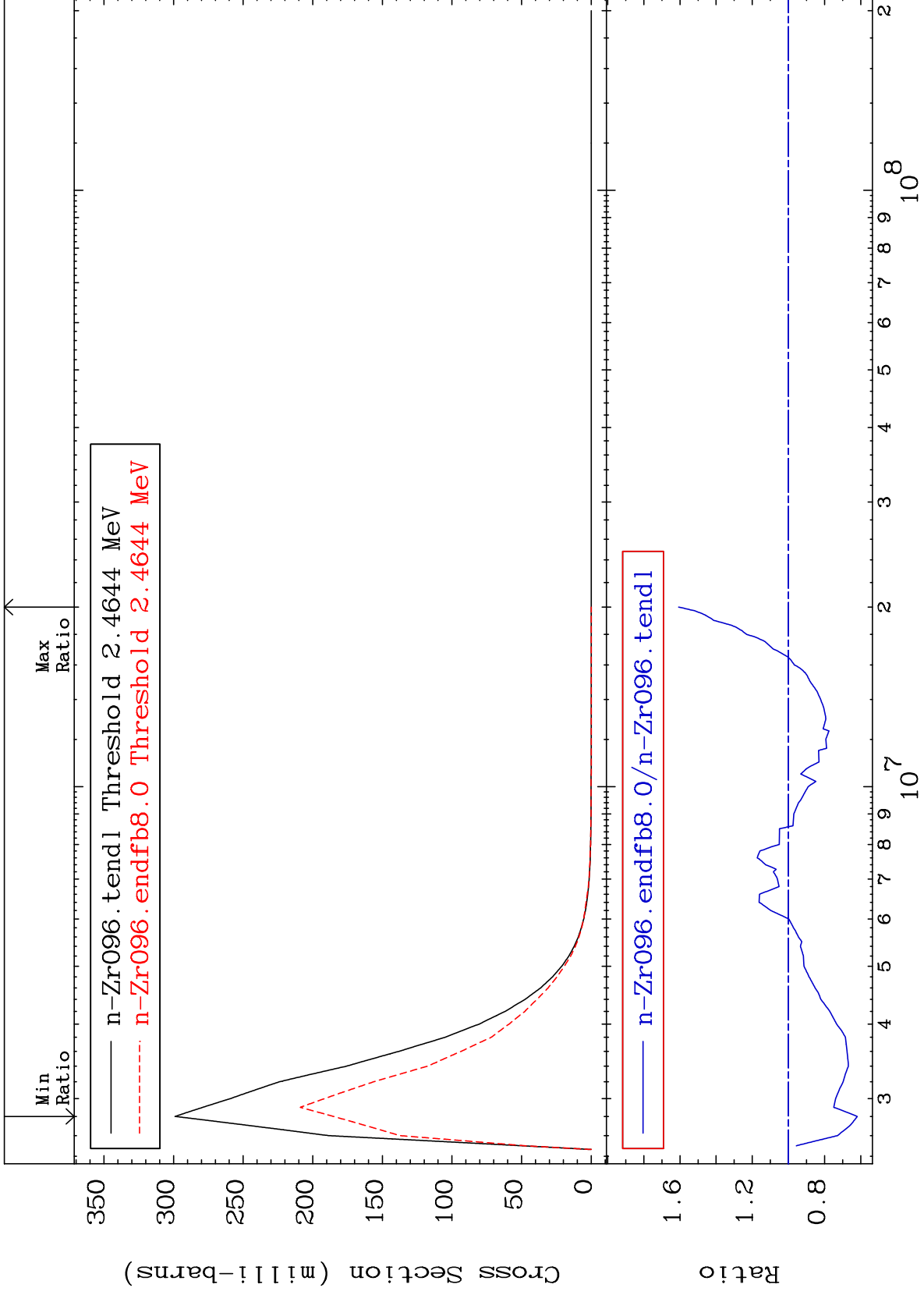
Incident Energy (eV)

40-Zr-96

MAT 4043

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

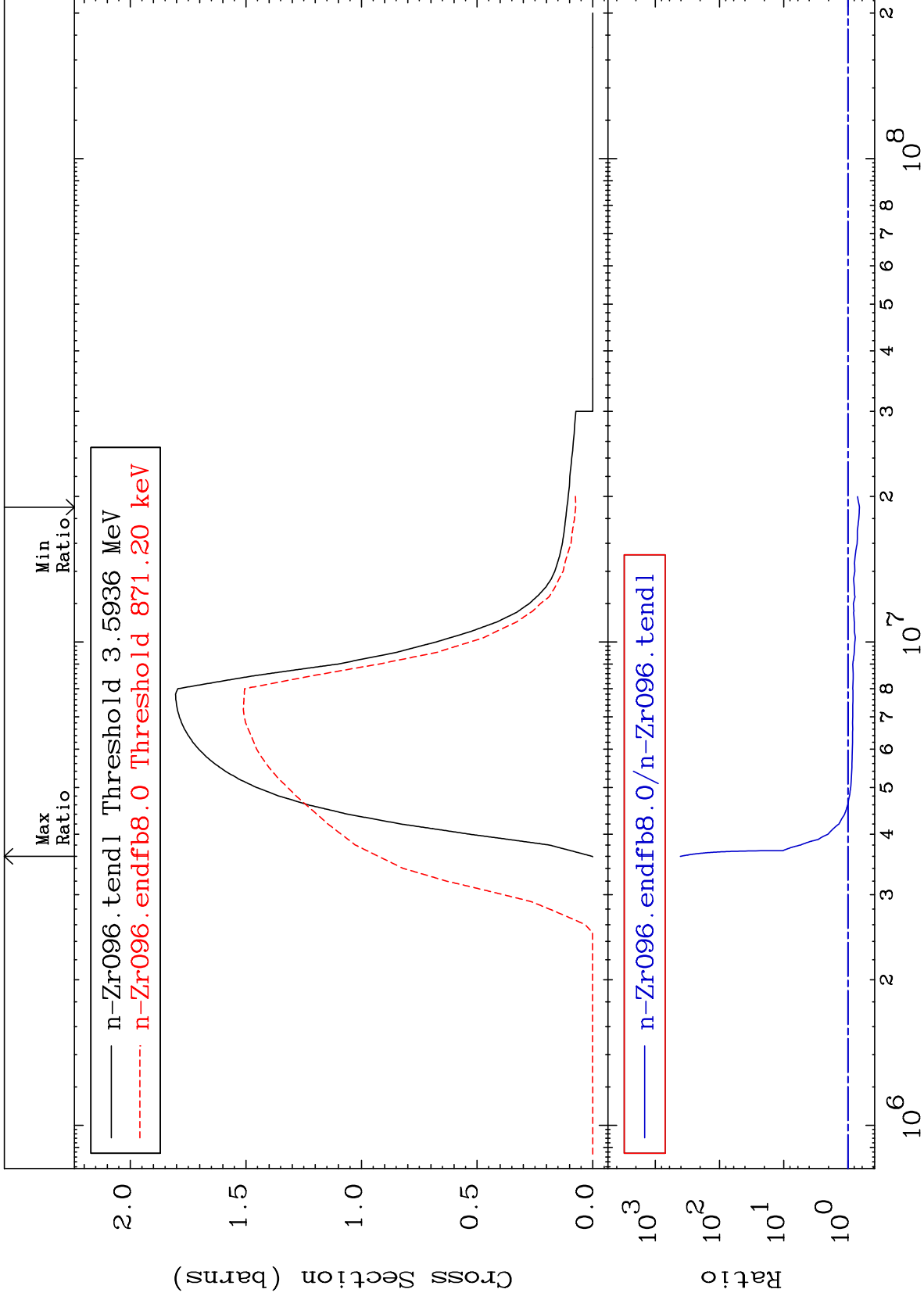
40-Zr-96
-38.06 To 60.73 %



MAT 4043

(n, n') Continuum
Cross Section

40-Zr-96
-33.83 To 9999. %



14

Incident Energy (eV)

40-Zr-96

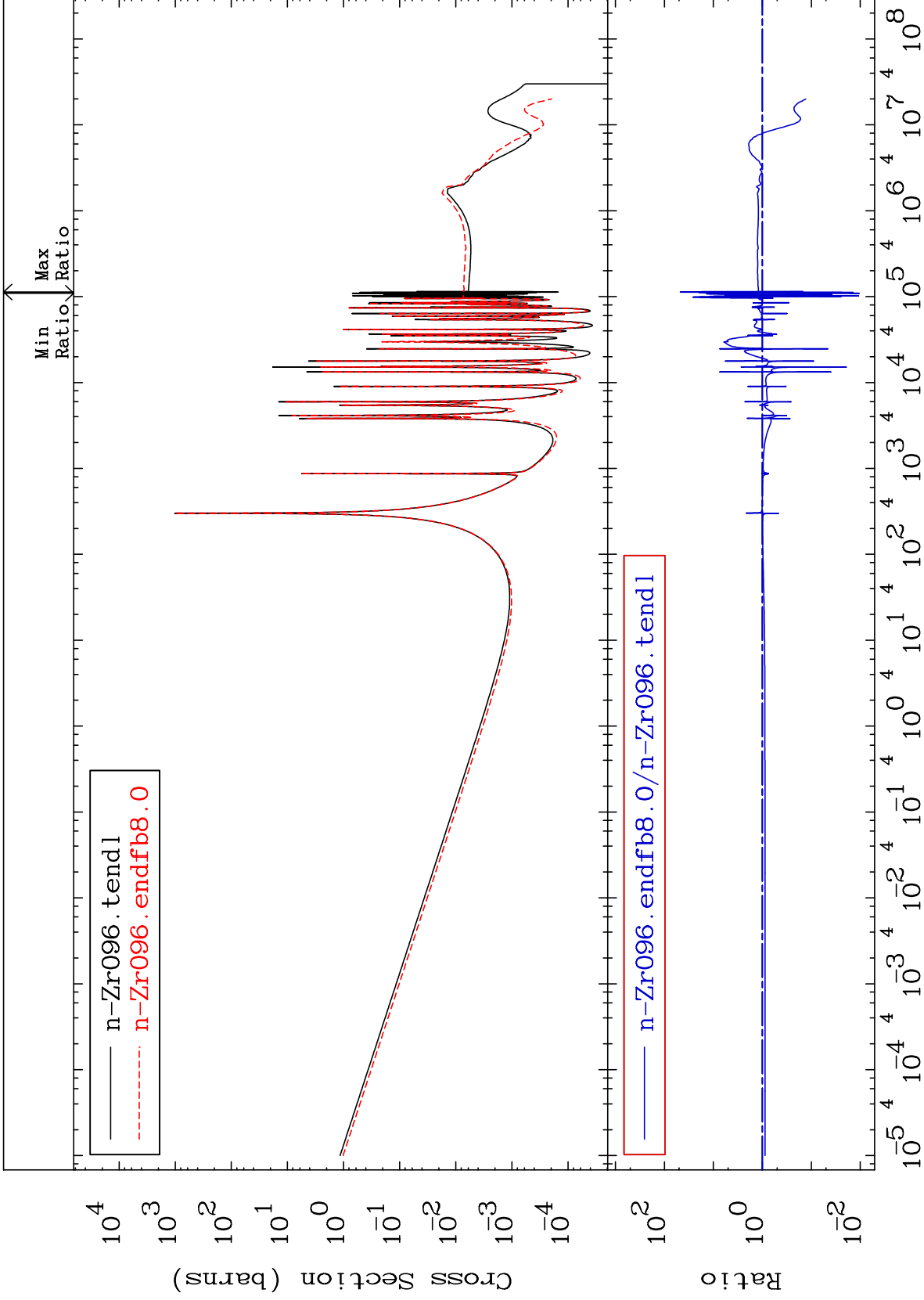
MAT 4043

(n, γ)

40-Zr-96

Cross Section

-98.96 To 4665. %



15

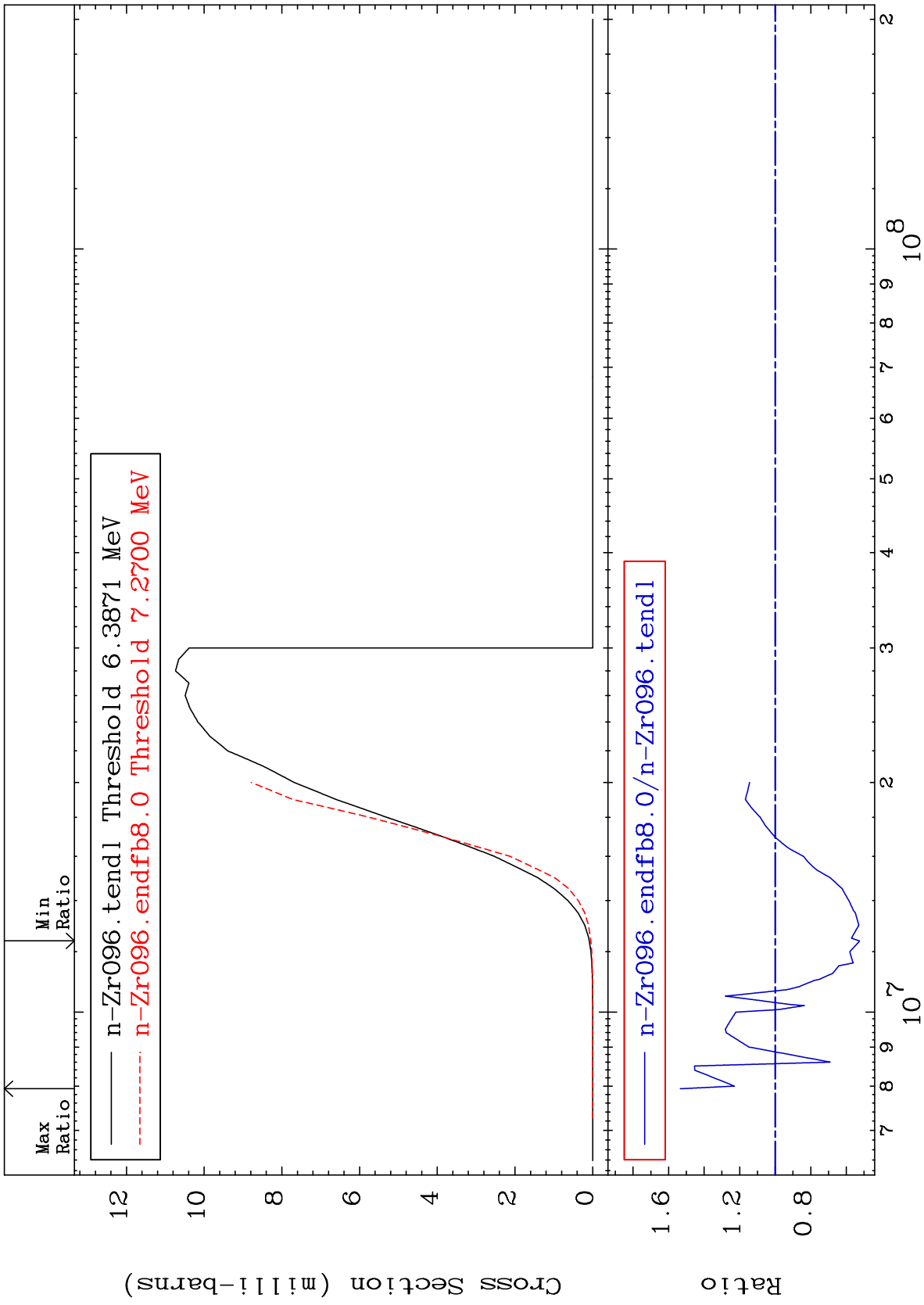
MAT 4043

(n,p)

40-Zr-96

Cross Section

-47.38 To 53.38 %



16

Incident Energy (eV)

40-Zr-96

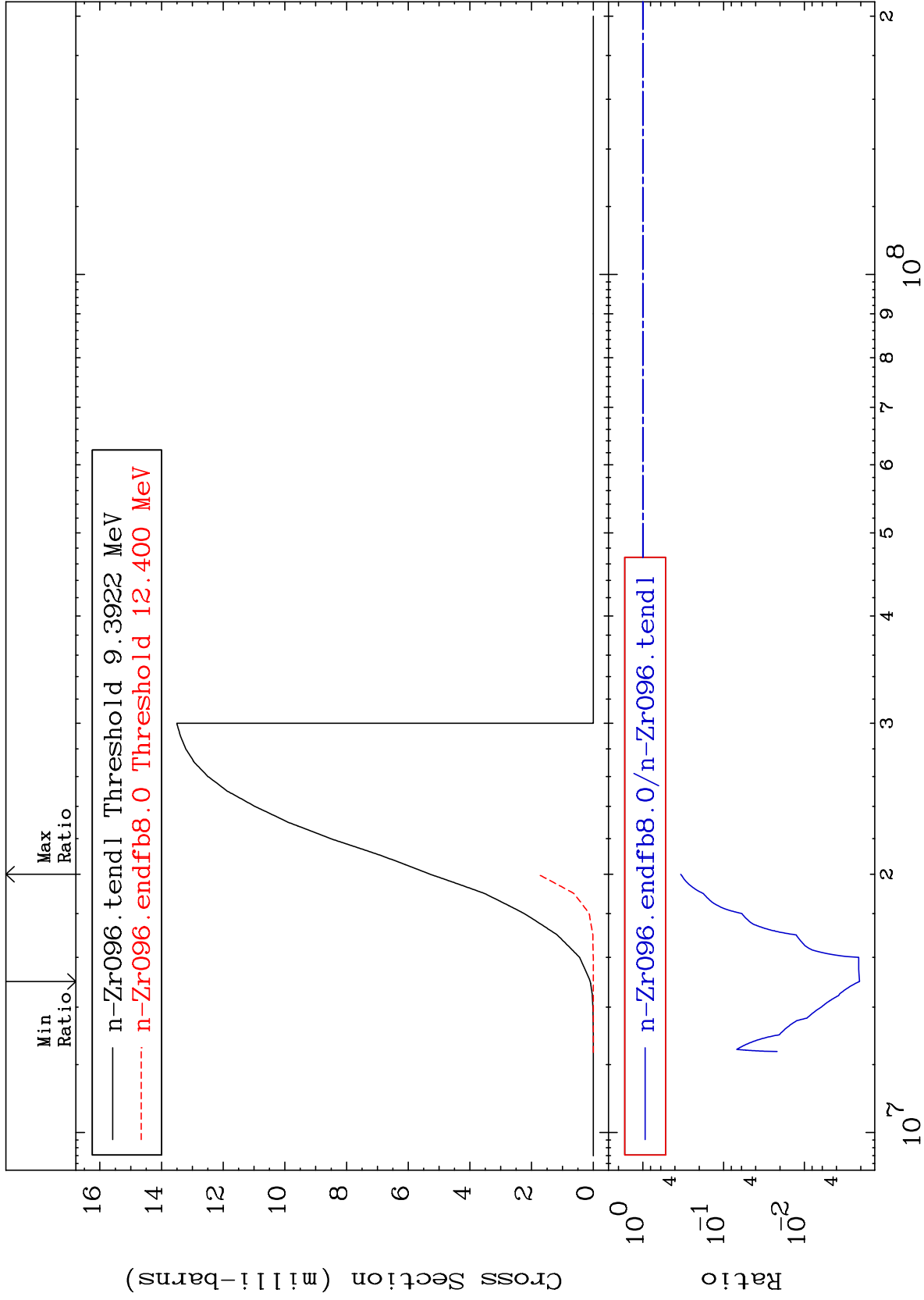
MAT 4043

(n, d)

40-Zr-96

Cross Section

-99.79 To -66.16%



17

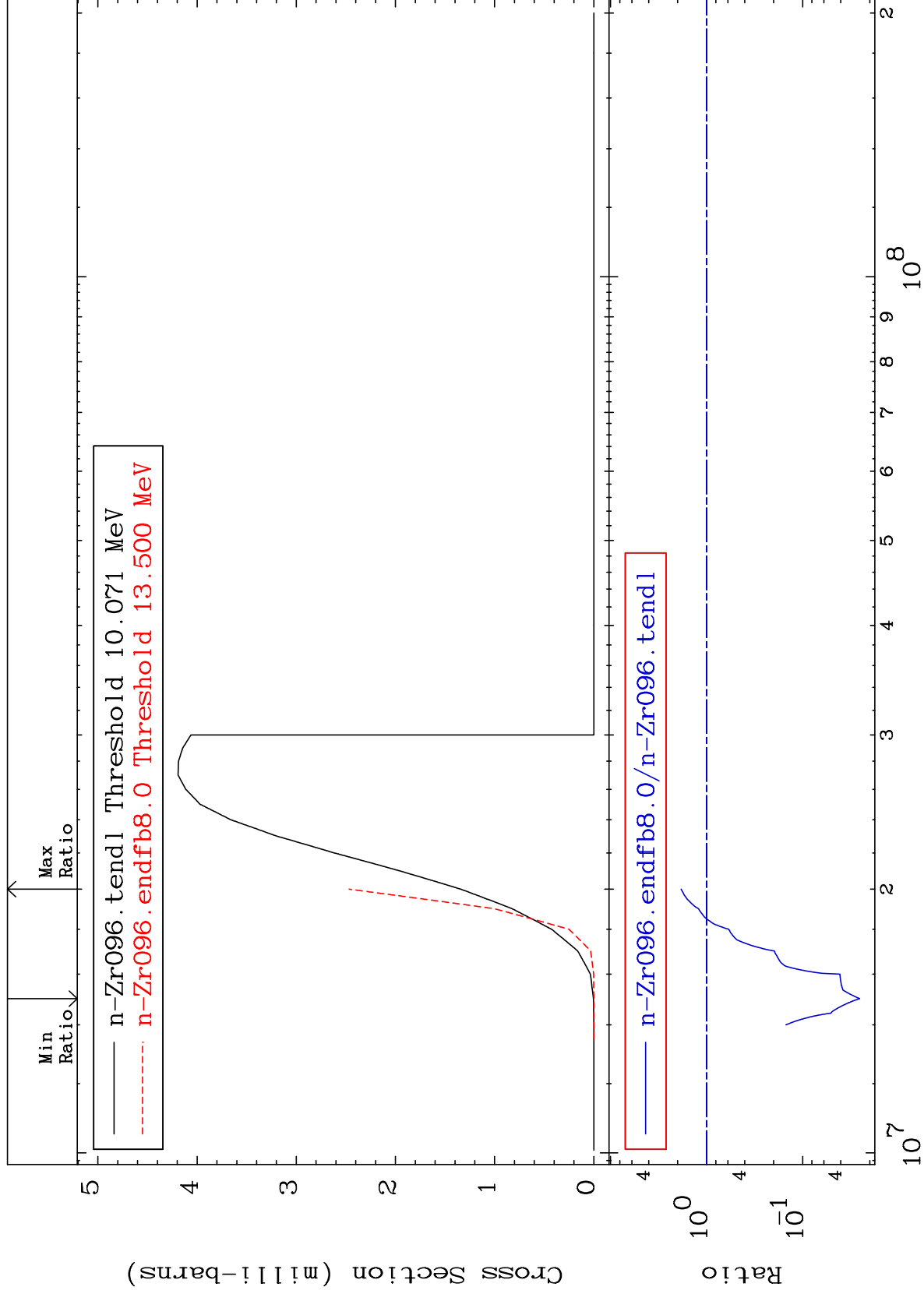
Incident Energy (eV)

40-Zr-96

MAT 4043

(n, t)
Cross Section

40-Zr-96
-97.45 To 83.94 %



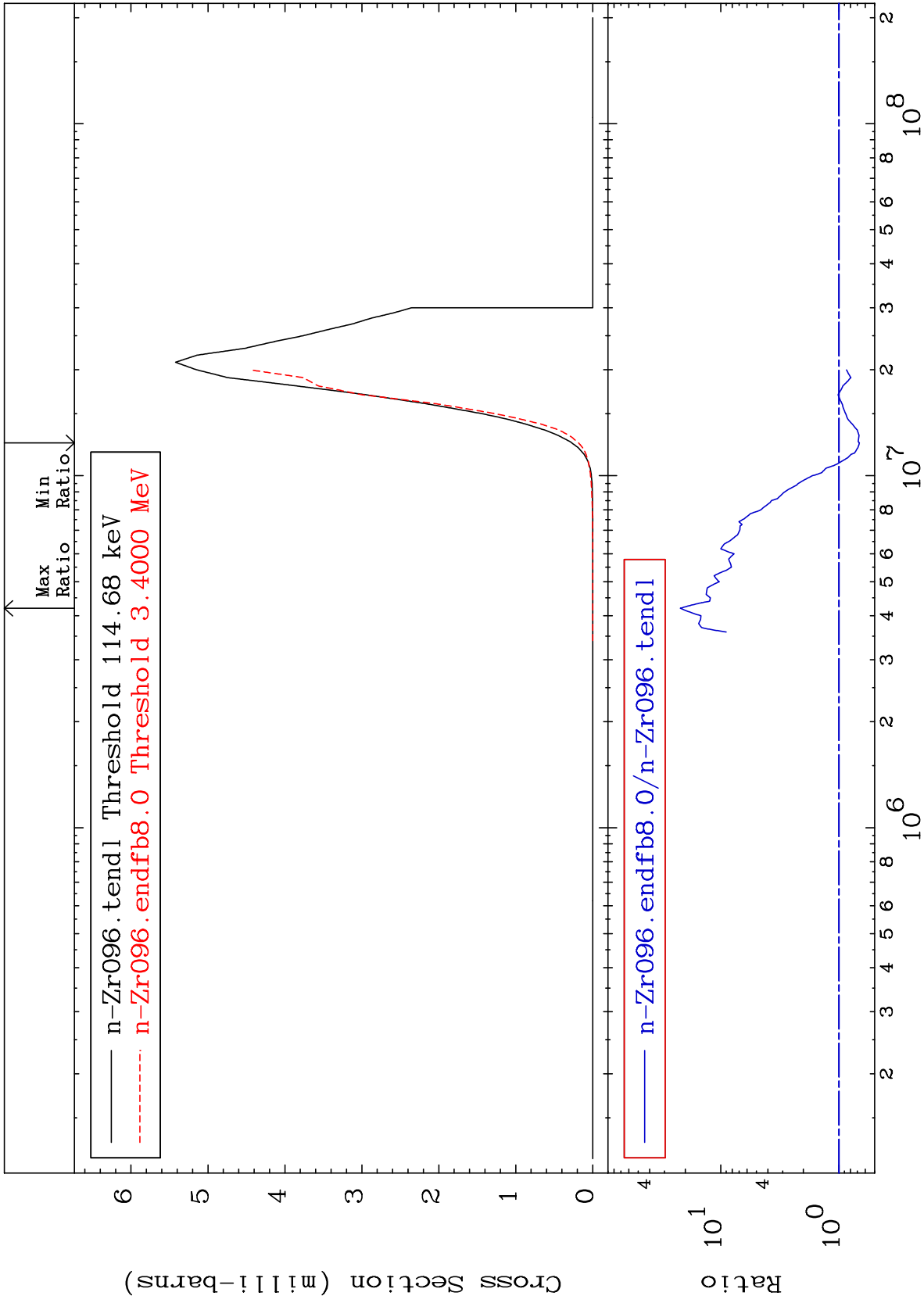
18

Incident Energy (eV)

40-Zr-96

MAT 4043

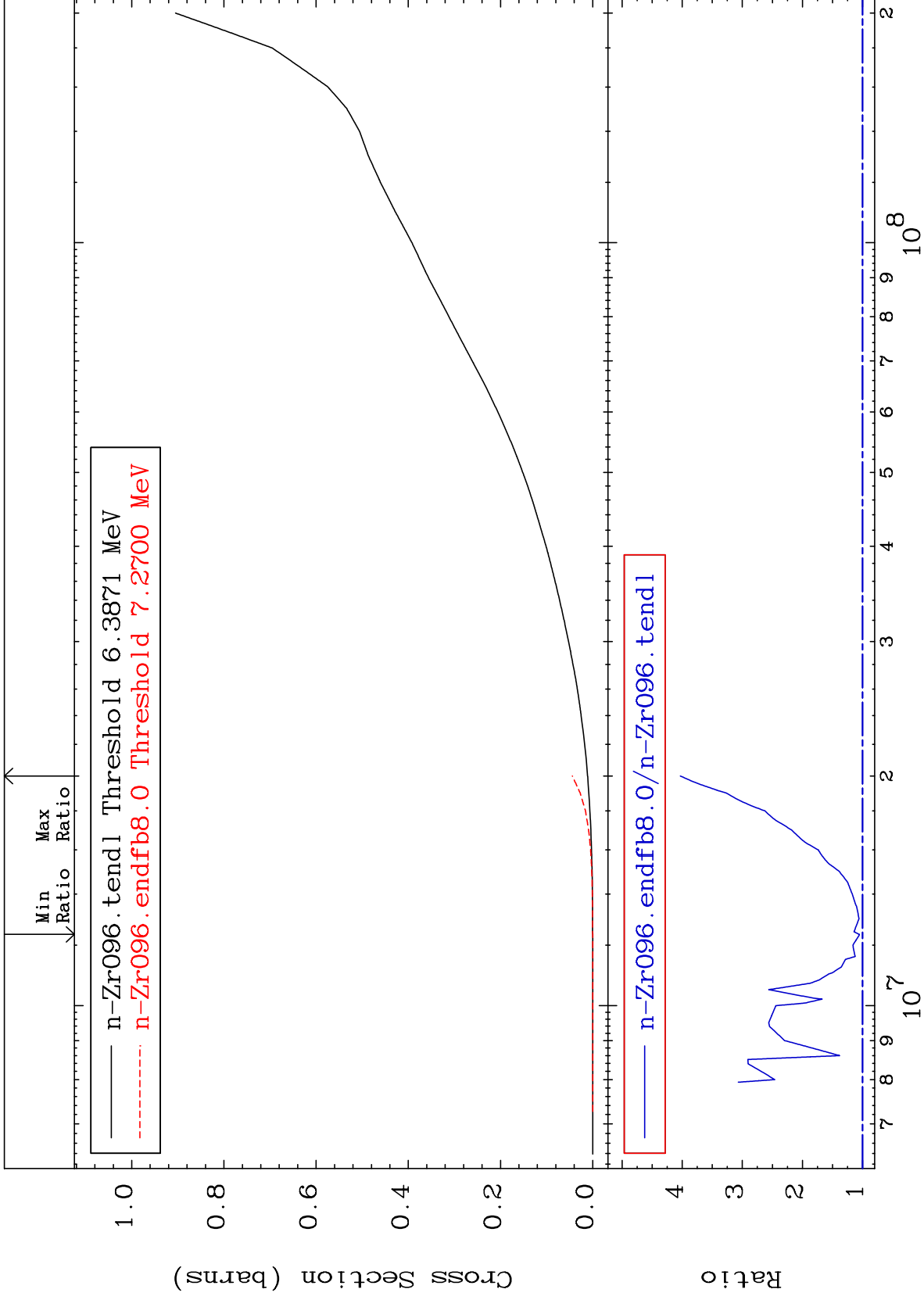
(n, α)
Cross Section
40-Zr-96
-32.86 To 2100. %



MAT 4043

Hydrogen Production
Cross Section

40-Zr-96
5.245 To 303.0 %



20

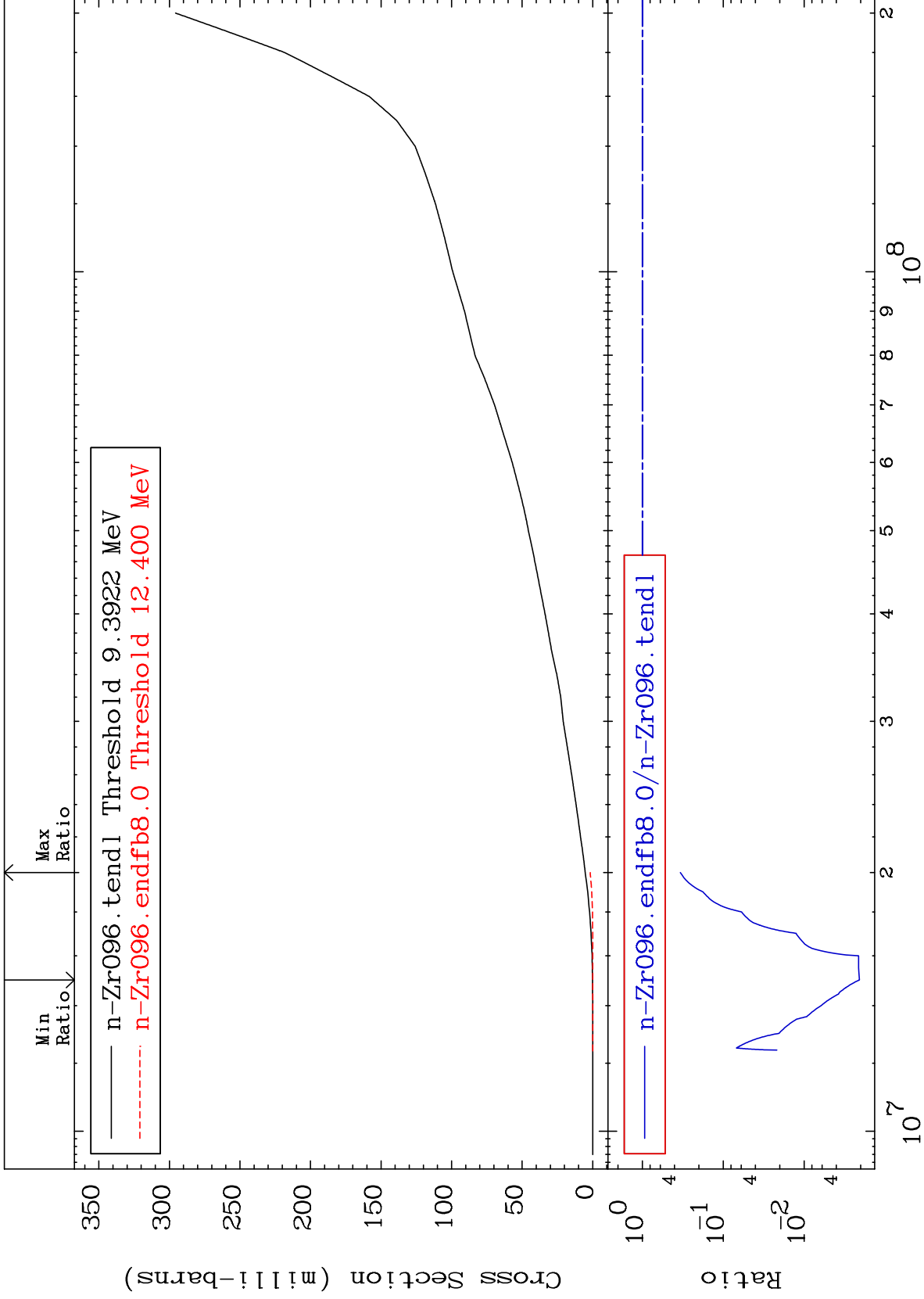
Incident Energy (eV)

40-Zr-96

MAT 4043

Deuterium Production Cross Section

40-Zr-96
-99.79 To -66.16%



21

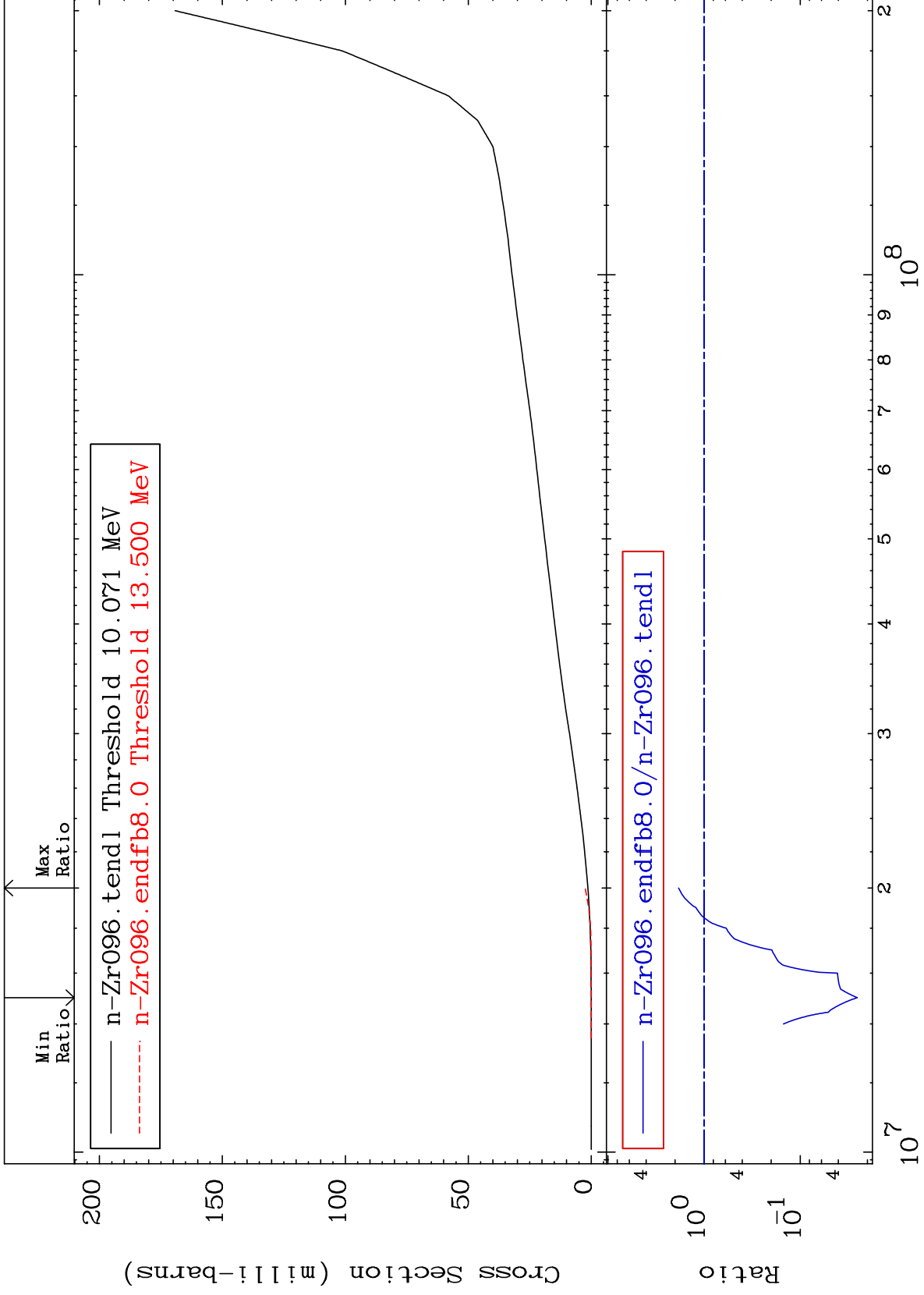
Incident Energy (eV)

40-Zr-96

MAT 4043

Tritium Production
Cross Section

40-Zr-96
-97.45 To 83.94 %



22

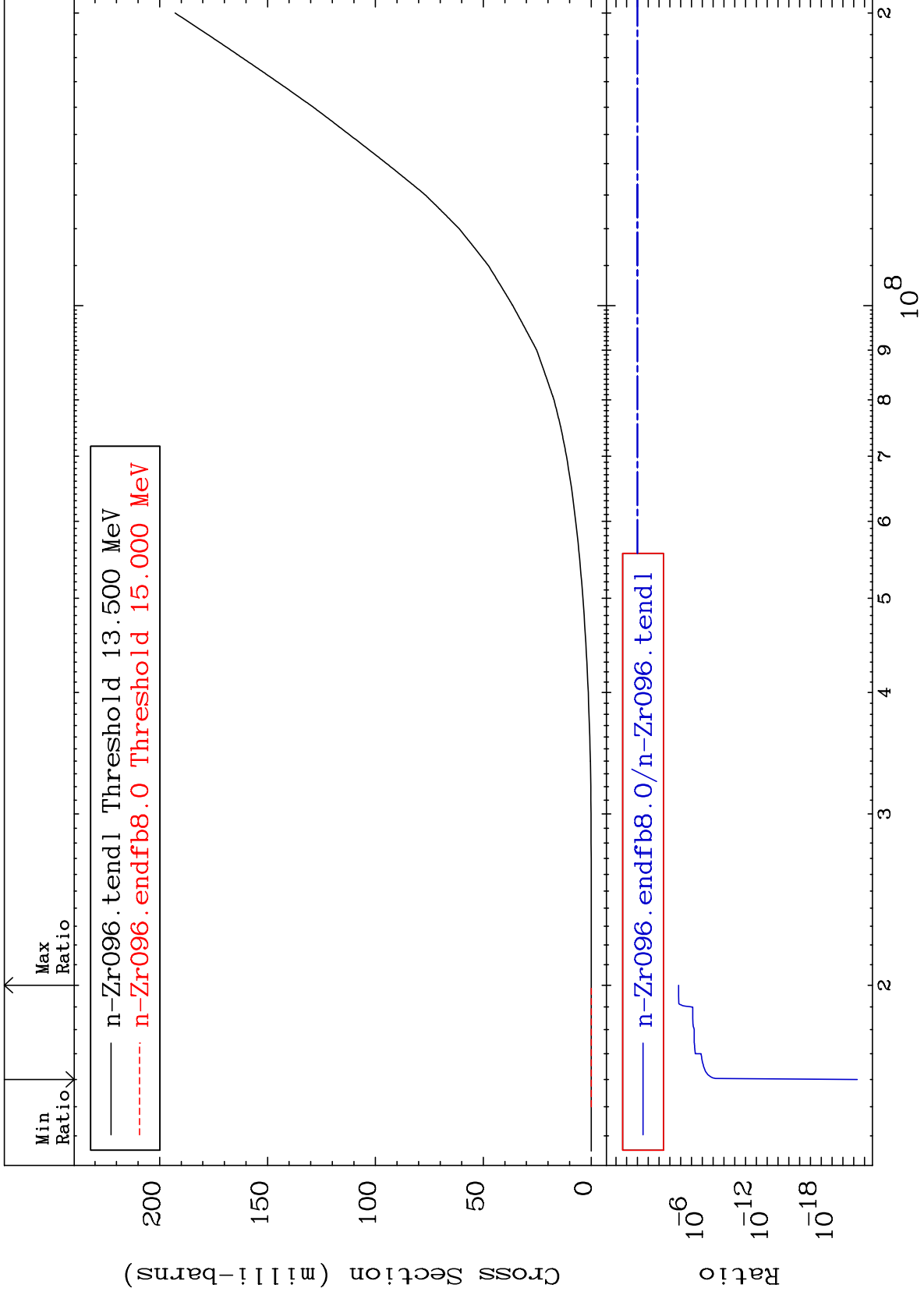
Incident Energy (eV)

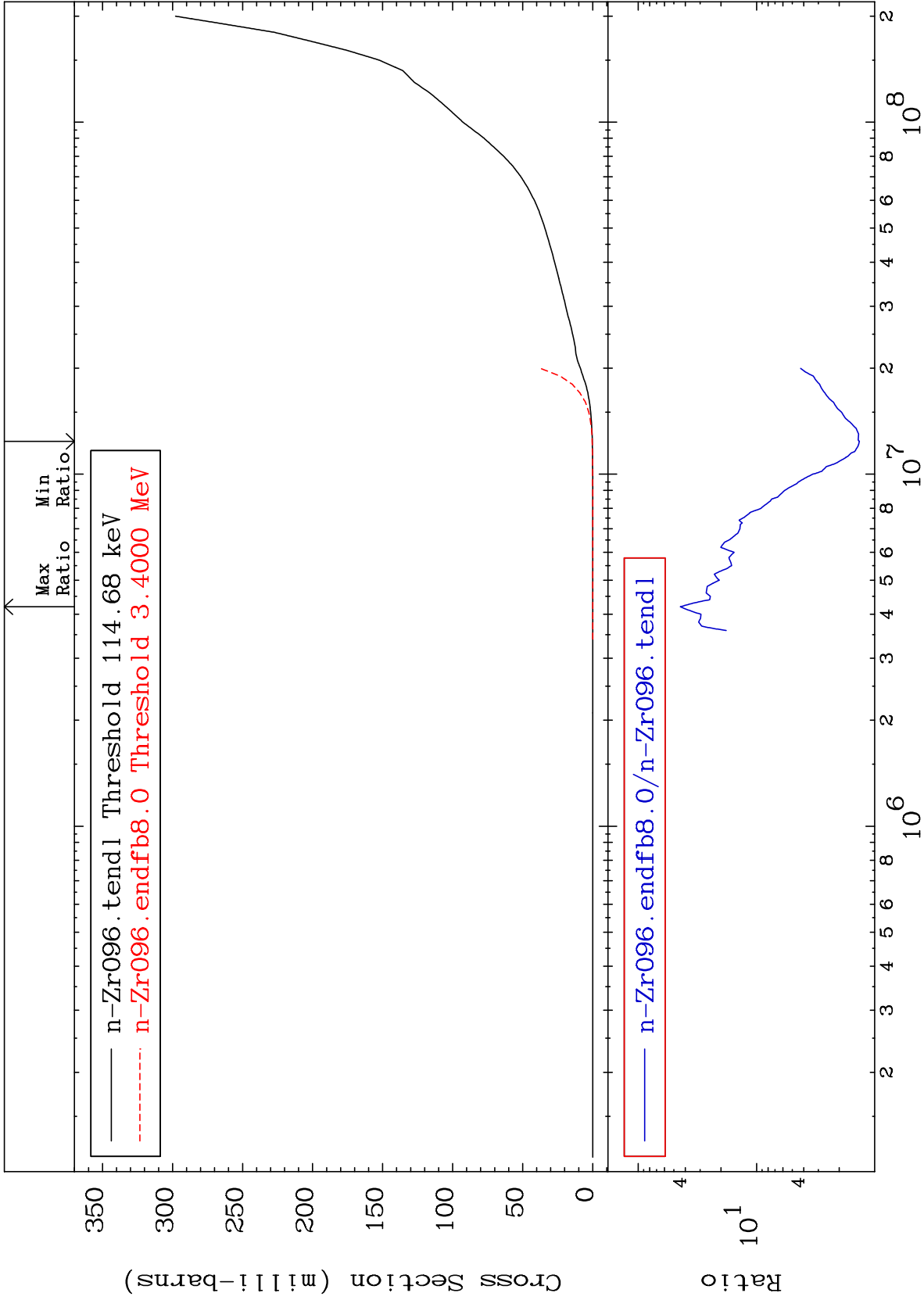
40-Zr-96

MAT 4043

He-3 Production
Cross Section

40-Zr-96
-100.0 To -99.98%

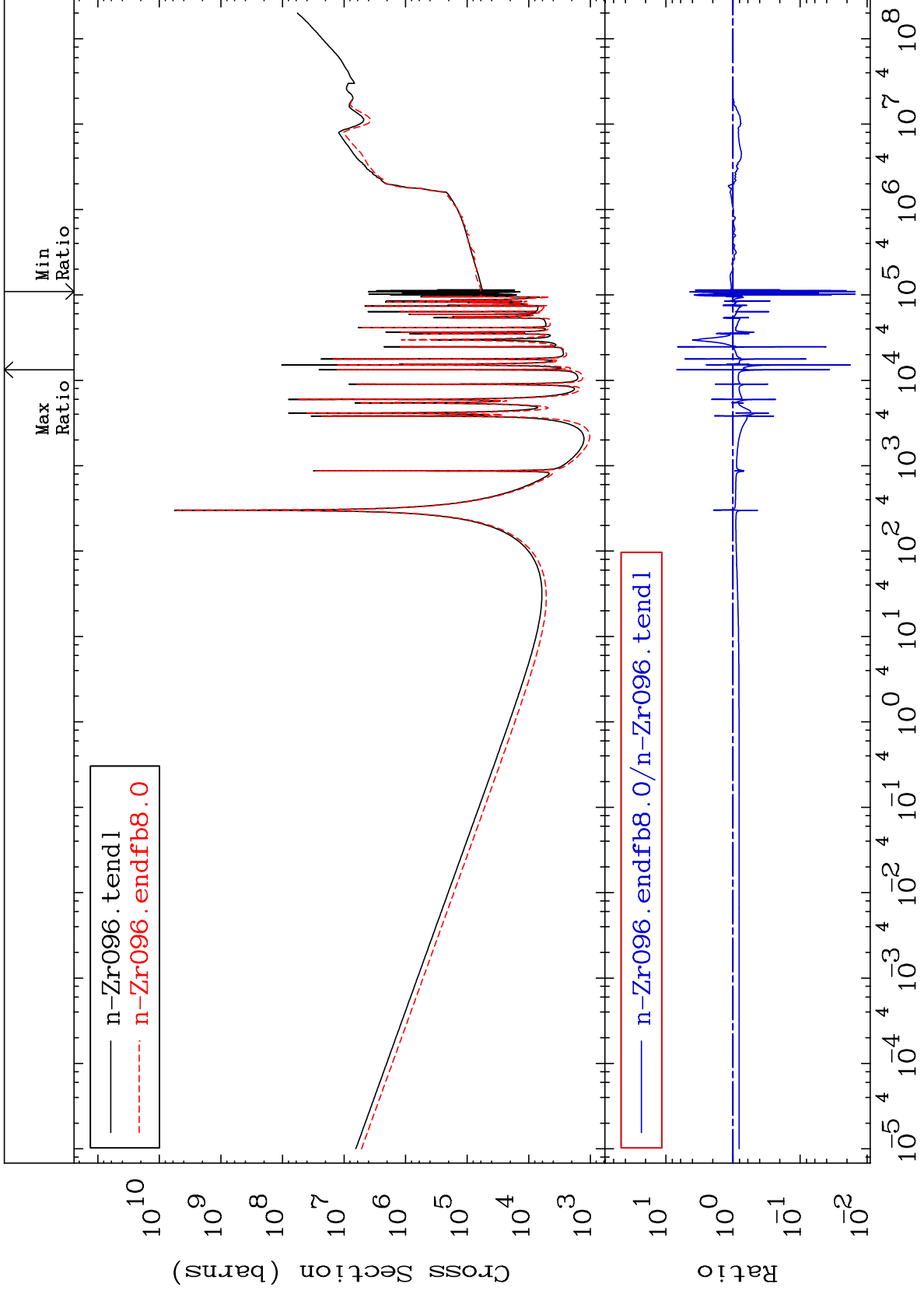




MAT 4043

Kerma total (eV-barns)
Cross Section

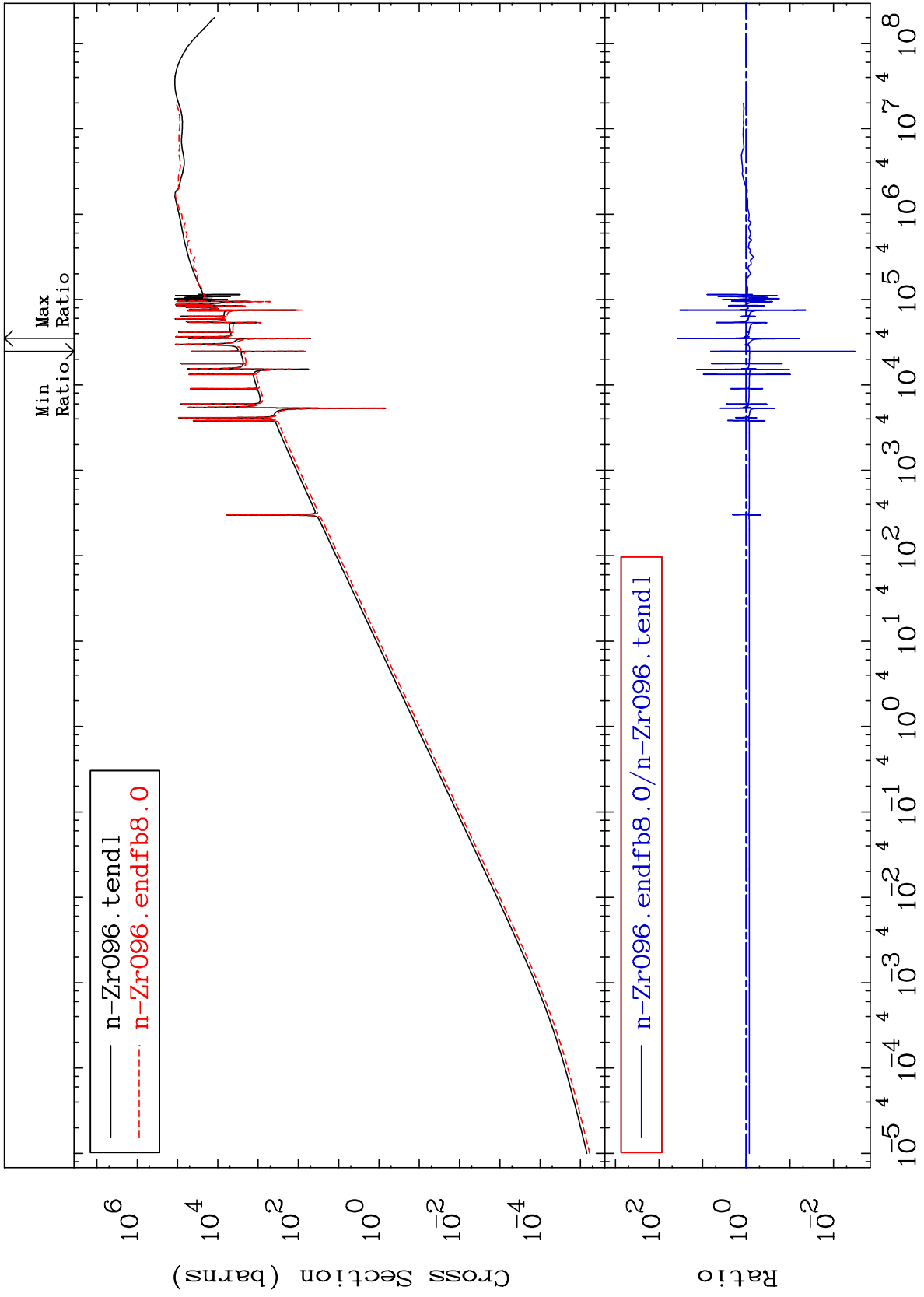
40-Zr-96
-98.49 To 583.2 %

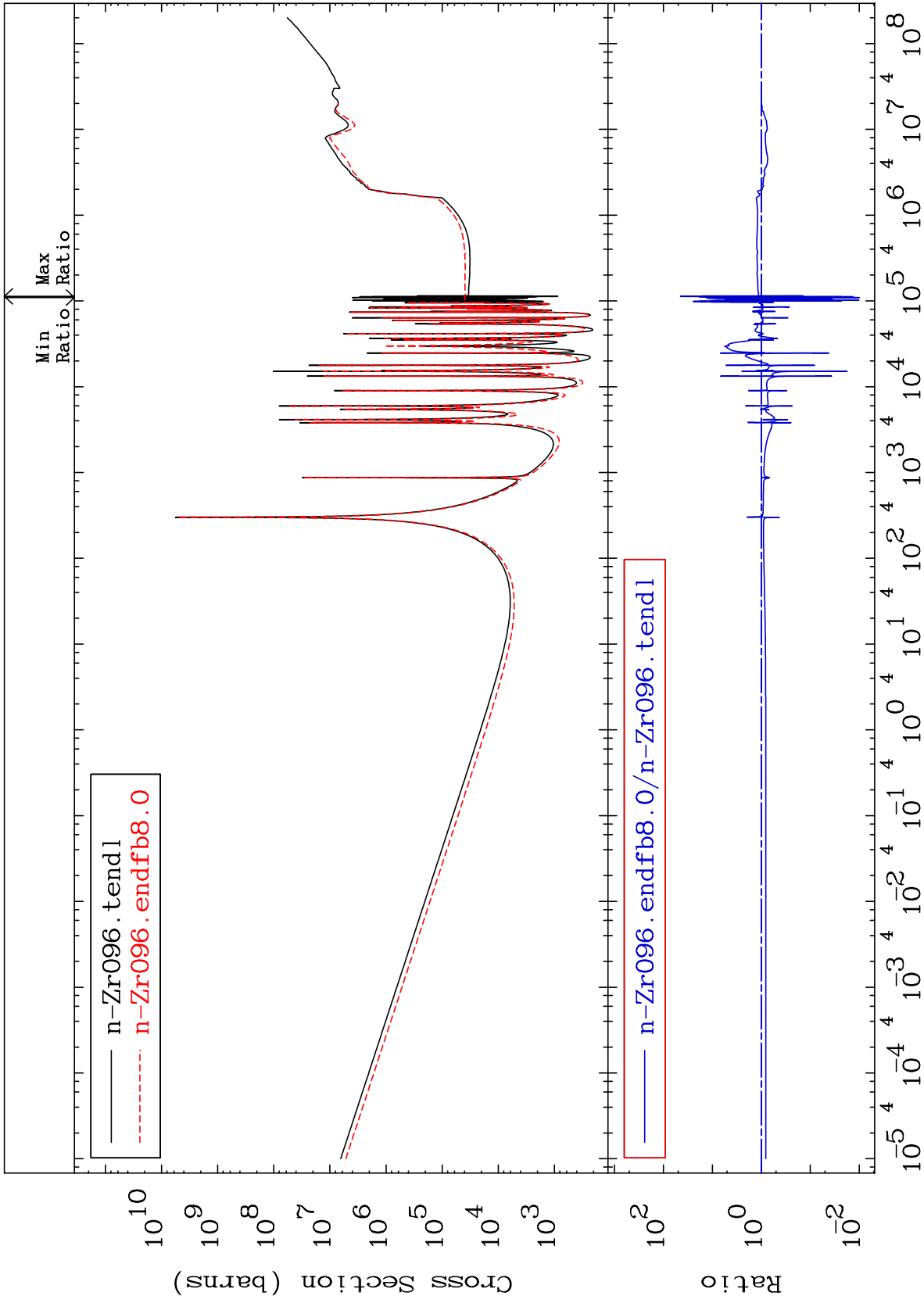


MAT 4043

Kerma elastic
Cross Section

40-Zr-96
-99.68 To 3785. %

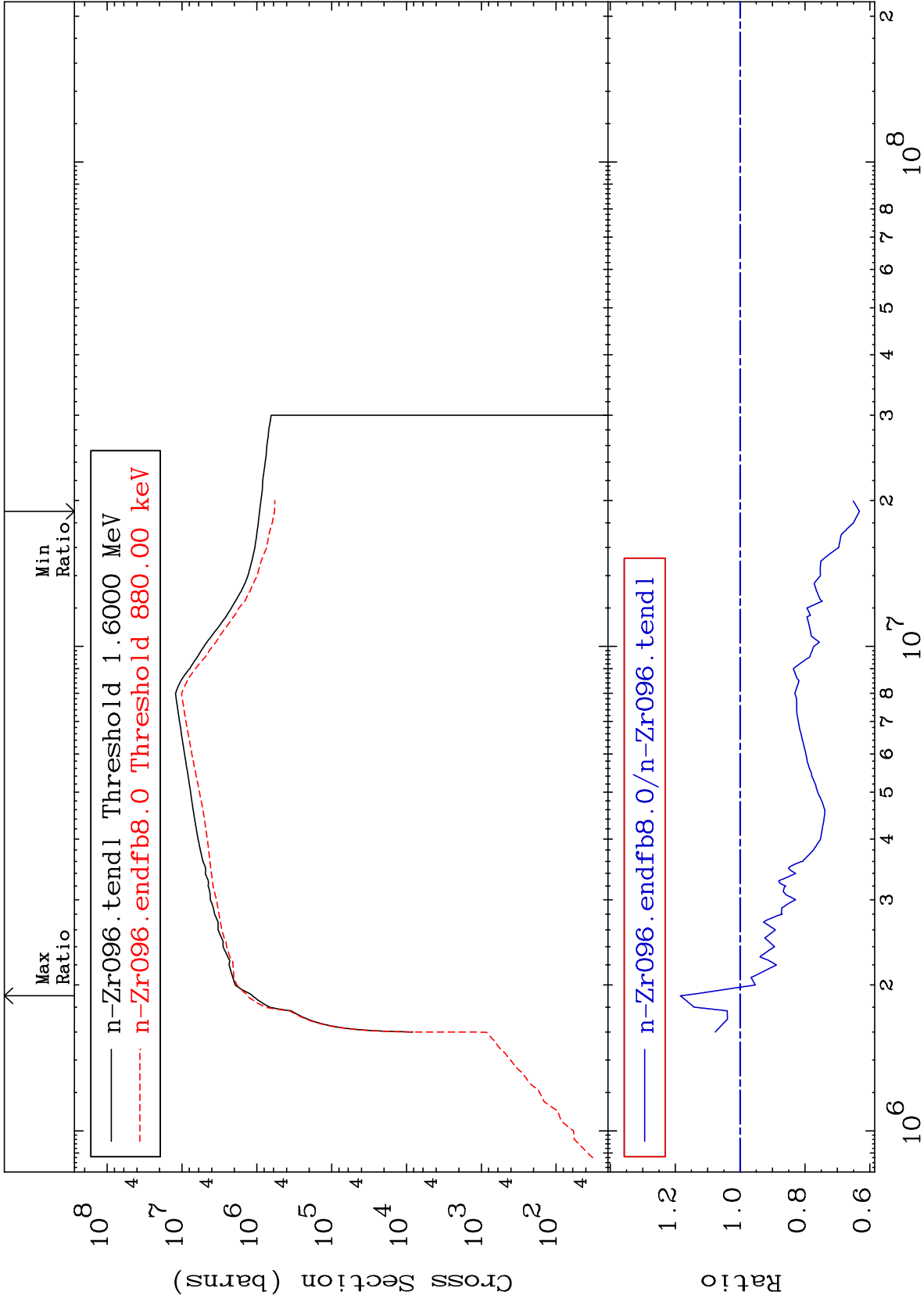




MAT 4043

Kerma inelastic (mt51-91)
Cross Section

40-Zr-96
-36.79 To 18.41 %



28

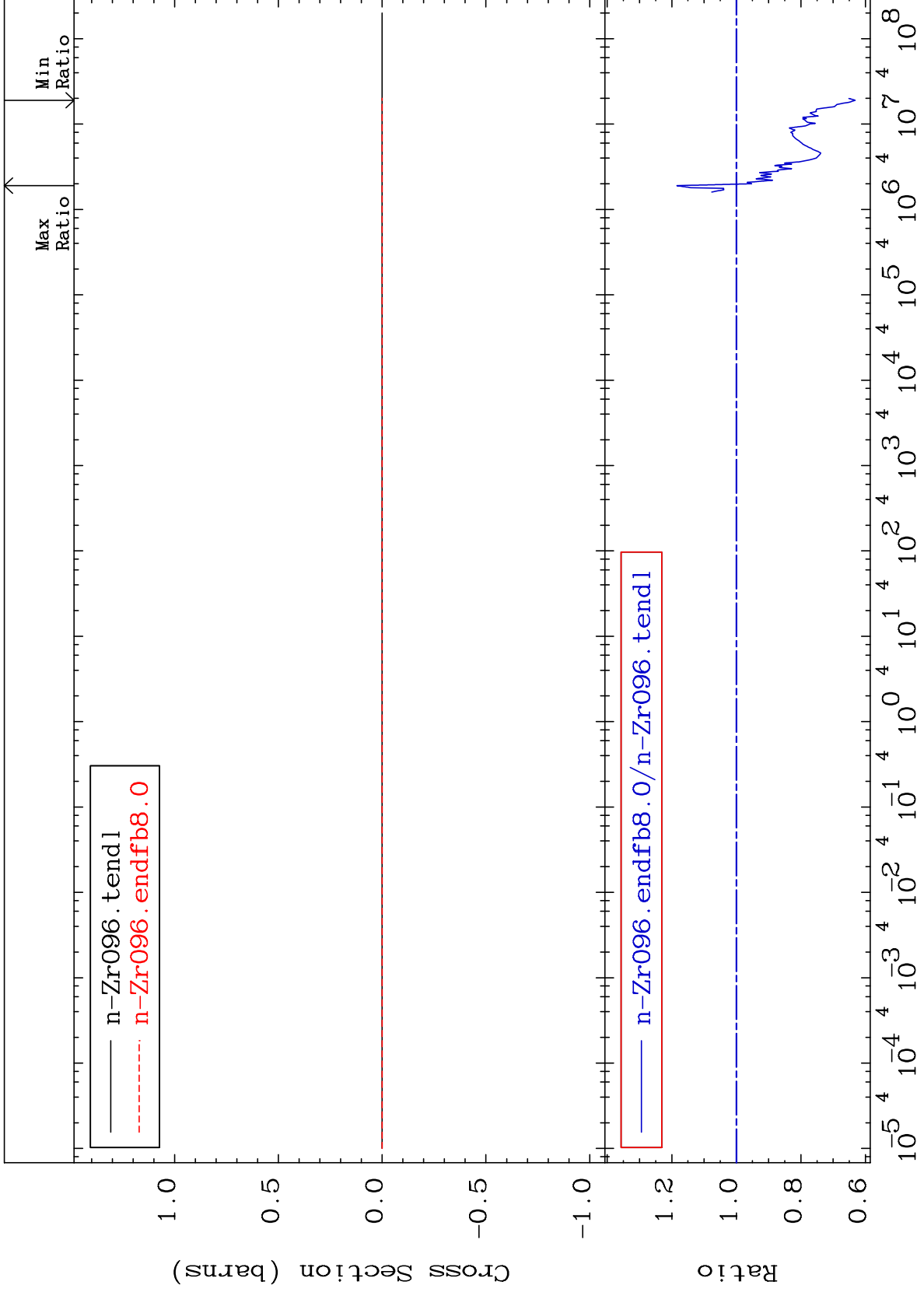
40-Zr-96

40-Zr-96

MAT 4043

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

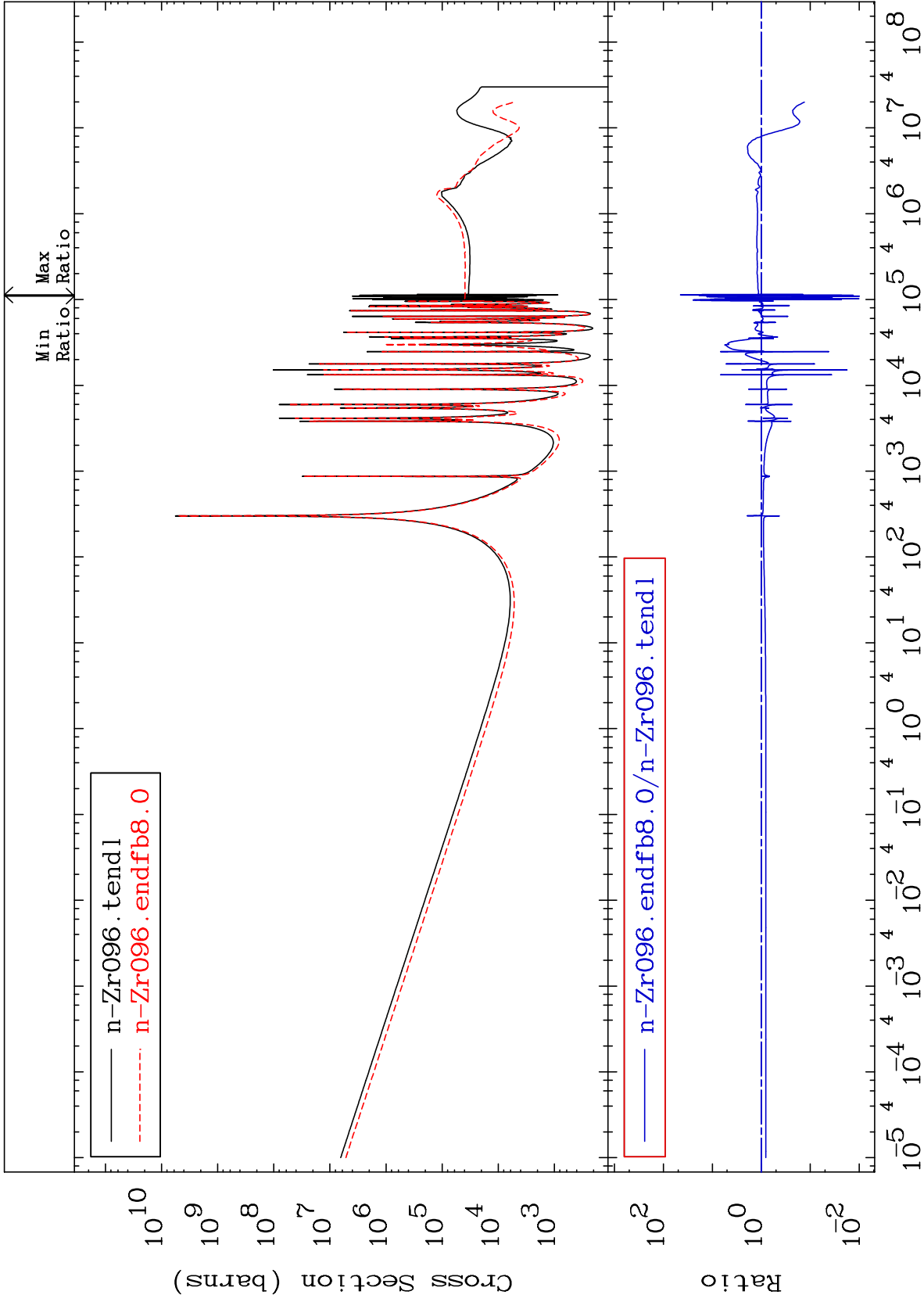
40-Zr-96
-36.79 To 18.41 %



MAT 4043

Kerma capture (mt102)
Cross Section

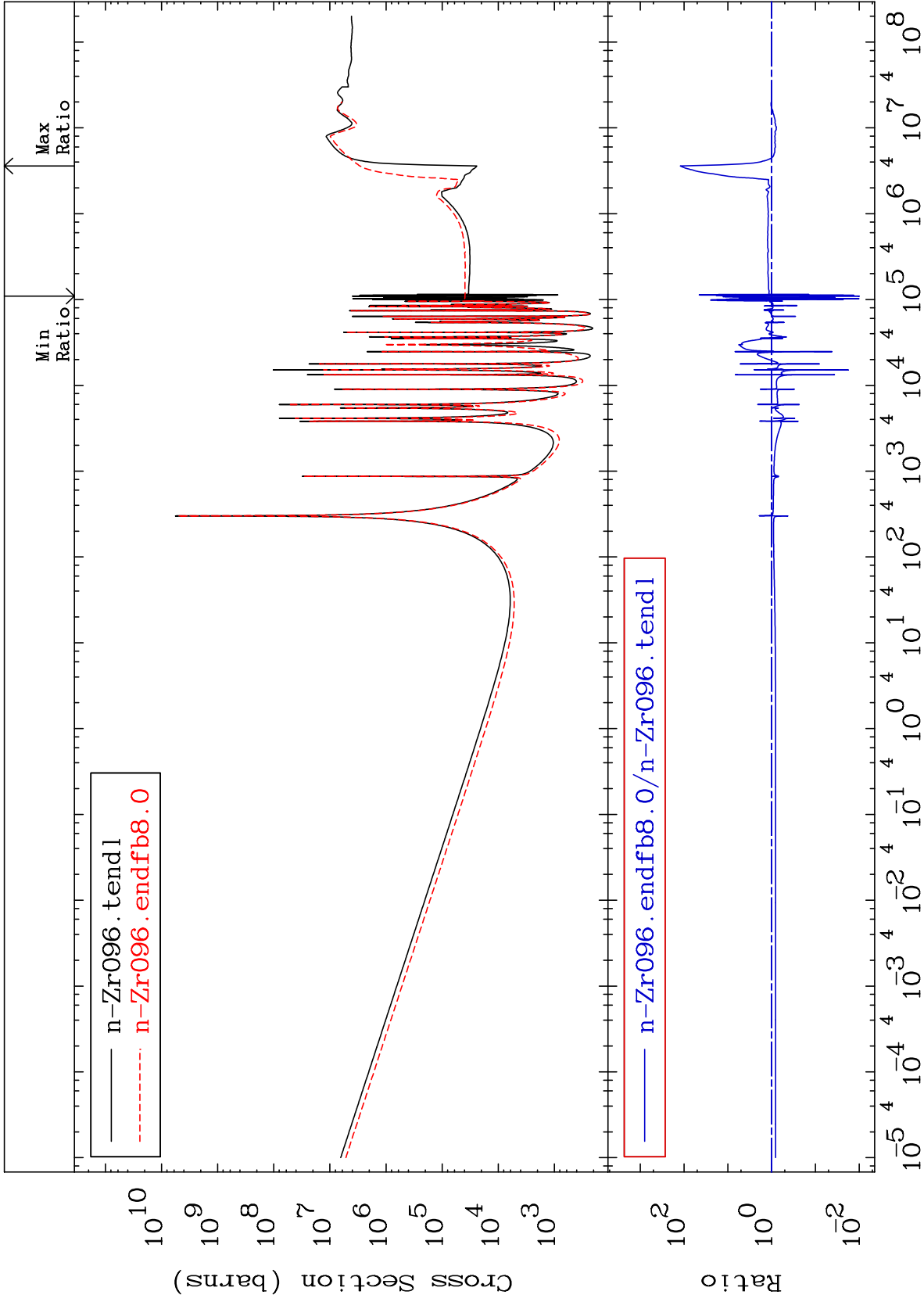
40-Zr-96
-99.01 To 4413. %



MAT 4043

Total photon (eV-barns)
Cross Section

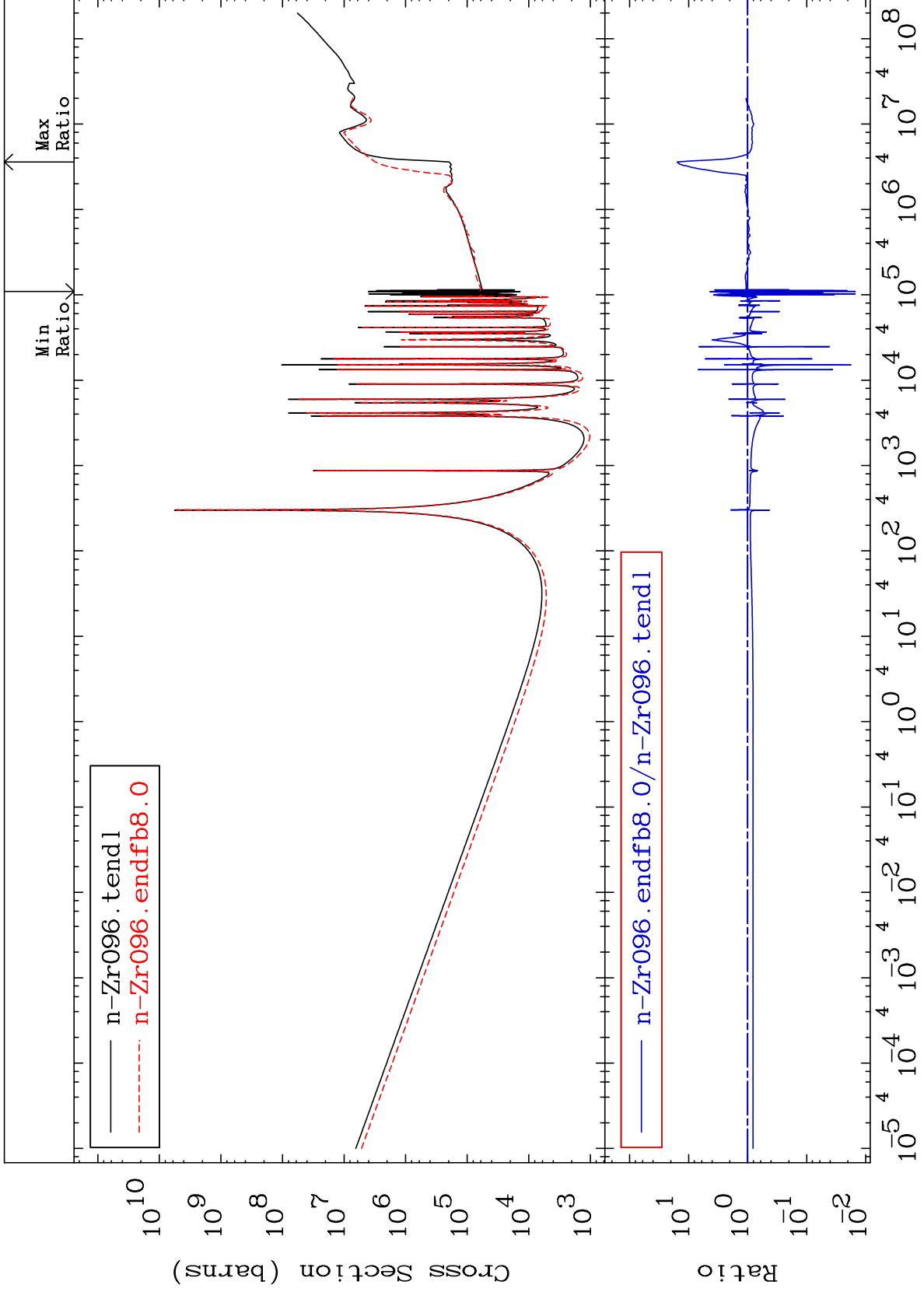
40-Zr-96
-99.01 To 9999. %



MAT 4043

Total kinematic kerma (high limit)
Cross Section

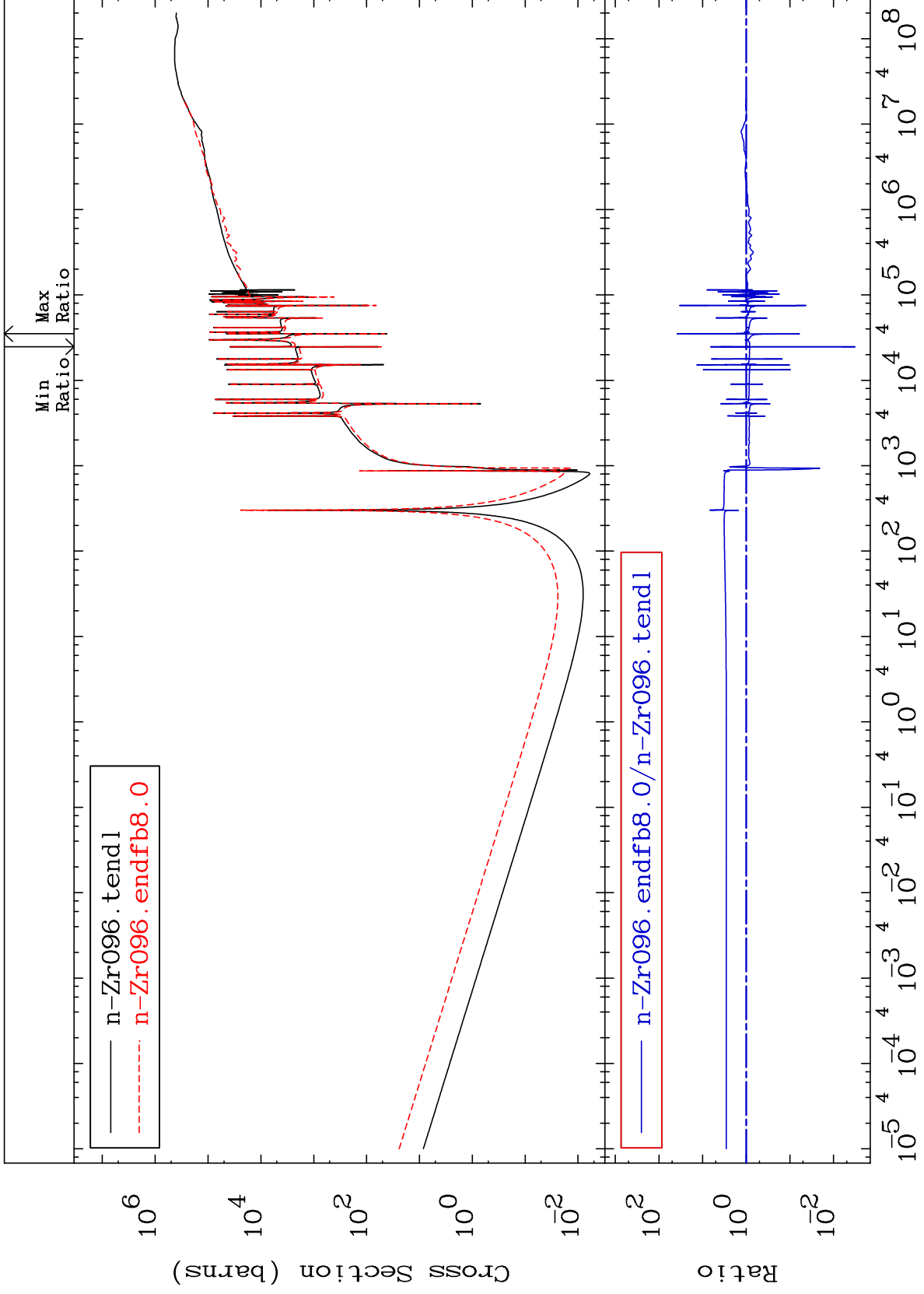
40-Zr-96
-98.49 To 1479. %



MAT 4043

Dpa total (eV-barns)
Cross Section

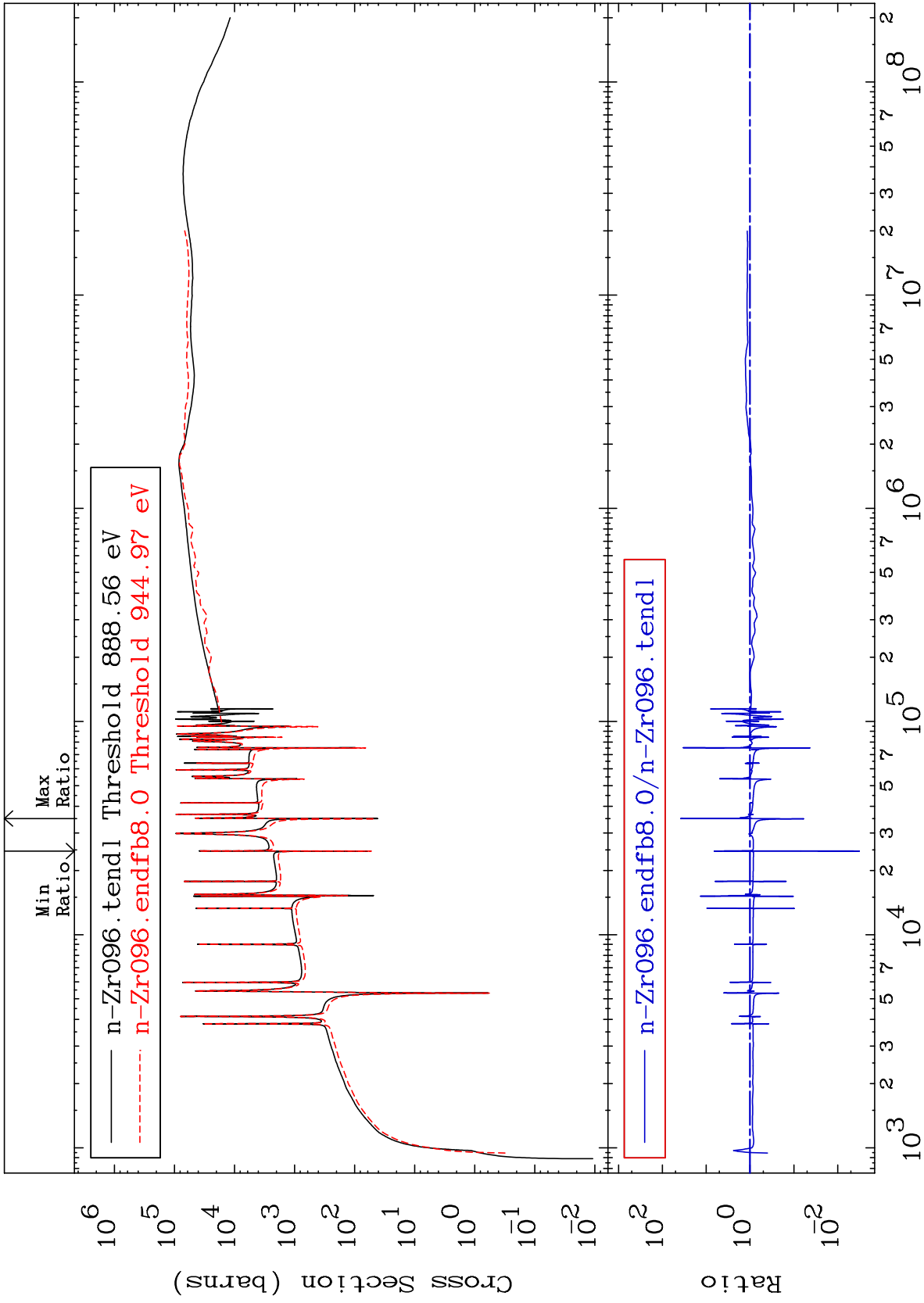
40-Zr-96
-99.68 To 3781. %



MAT 4043

Dpa elastic (mt2)
Cross Section

40-Zr-96
-99.68 To 3787. %



34

40-Zr-96

40-Zr-96

