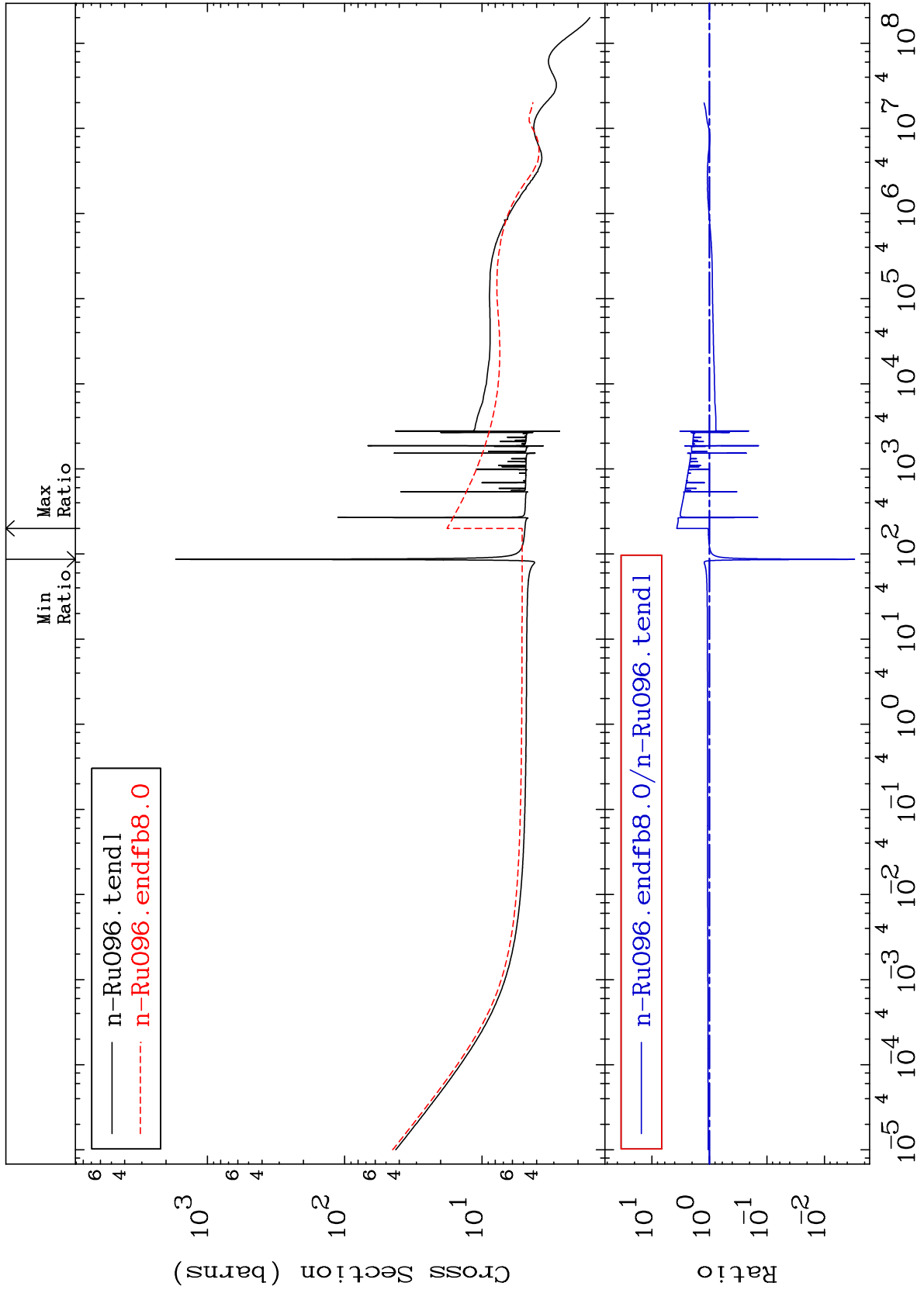


MAT 4425

Total
Cross Section

44-Ru-96
-99.70 To 269.1 %



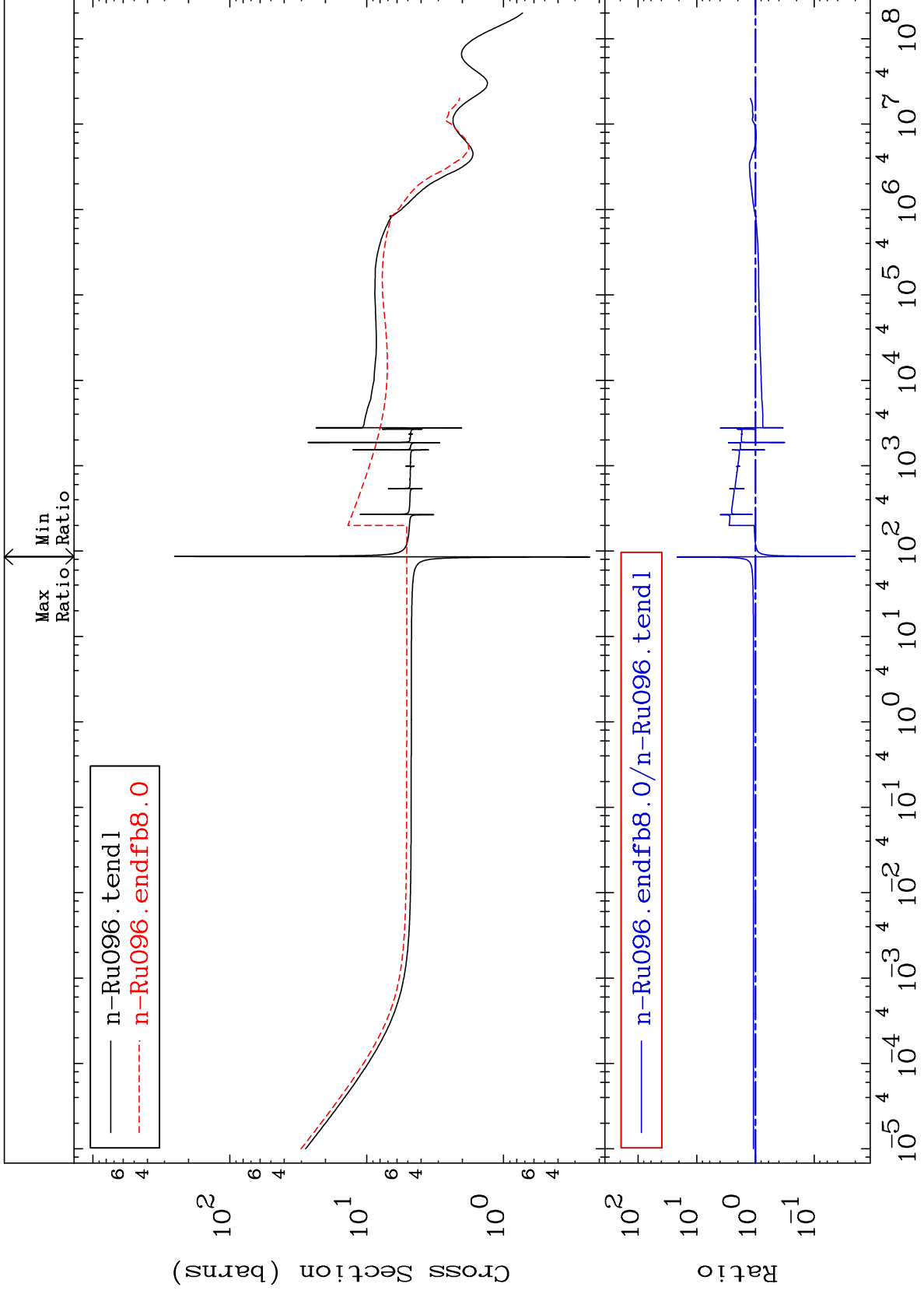
44-Ru-96

44-Ru-96

MAT 4425

Elastic
Cross Section

44-Ru-96
-97.99 To 2073. %



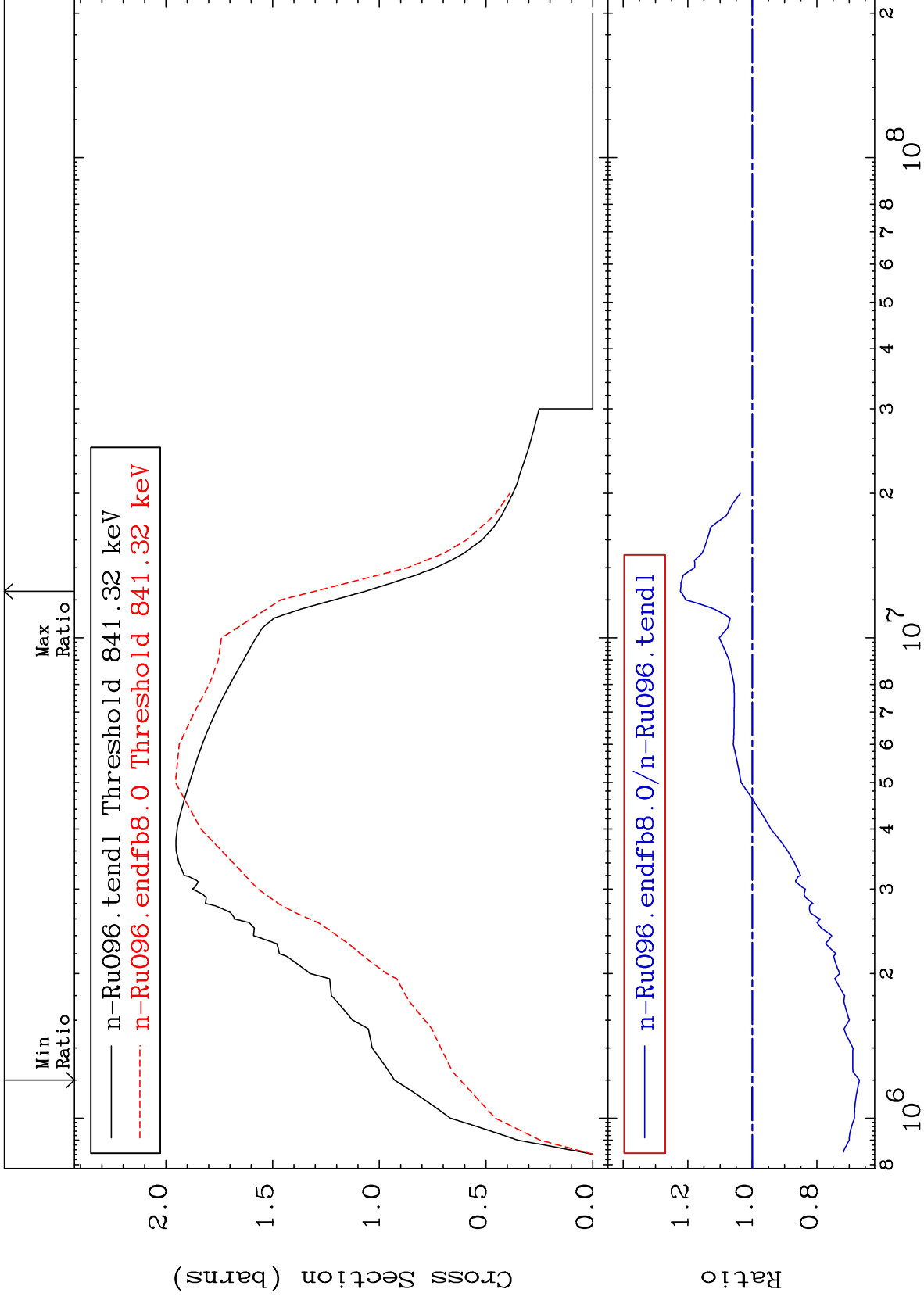
2

44-Ru-96

MAT 4425

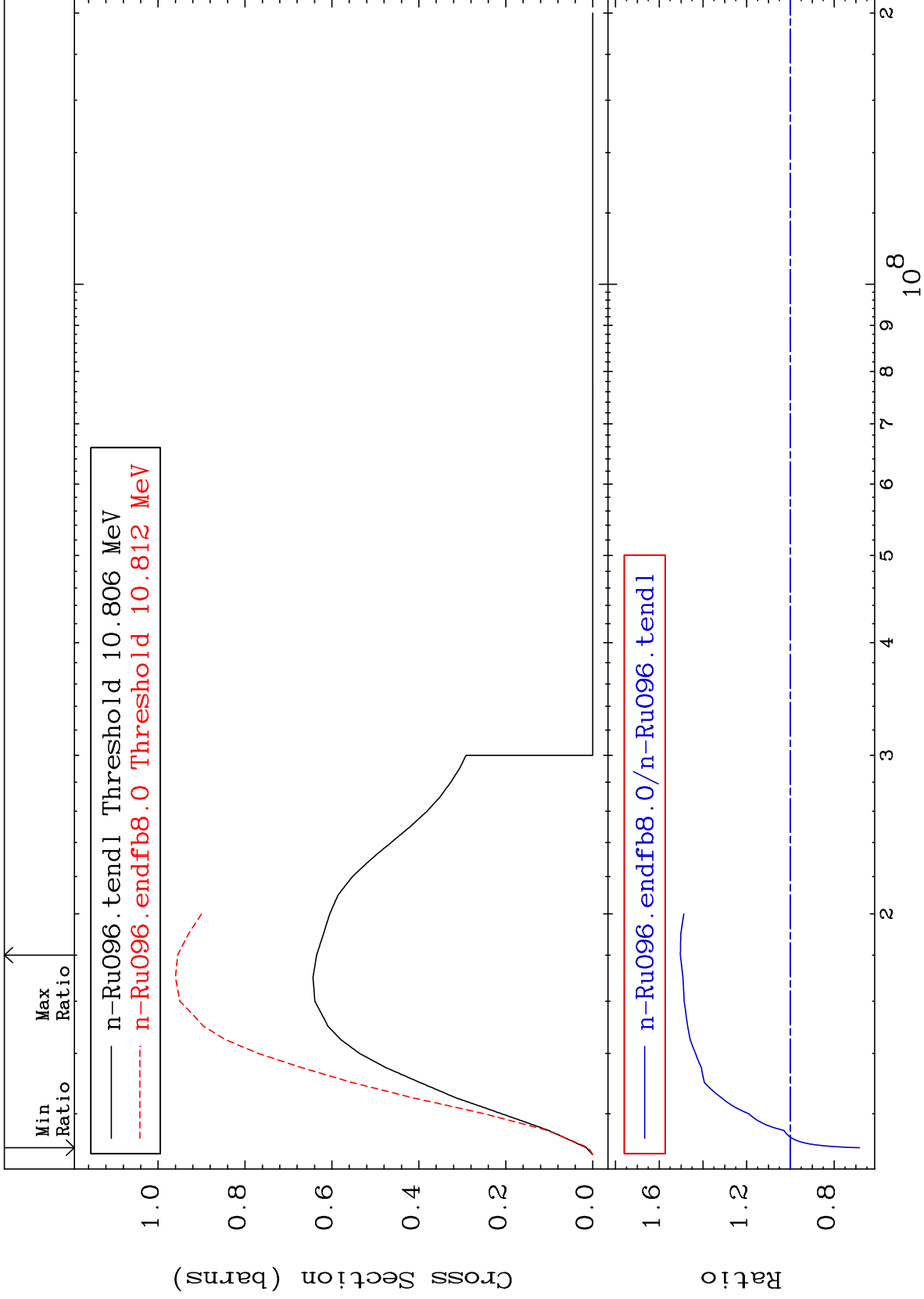
Inelastic
Cross Section

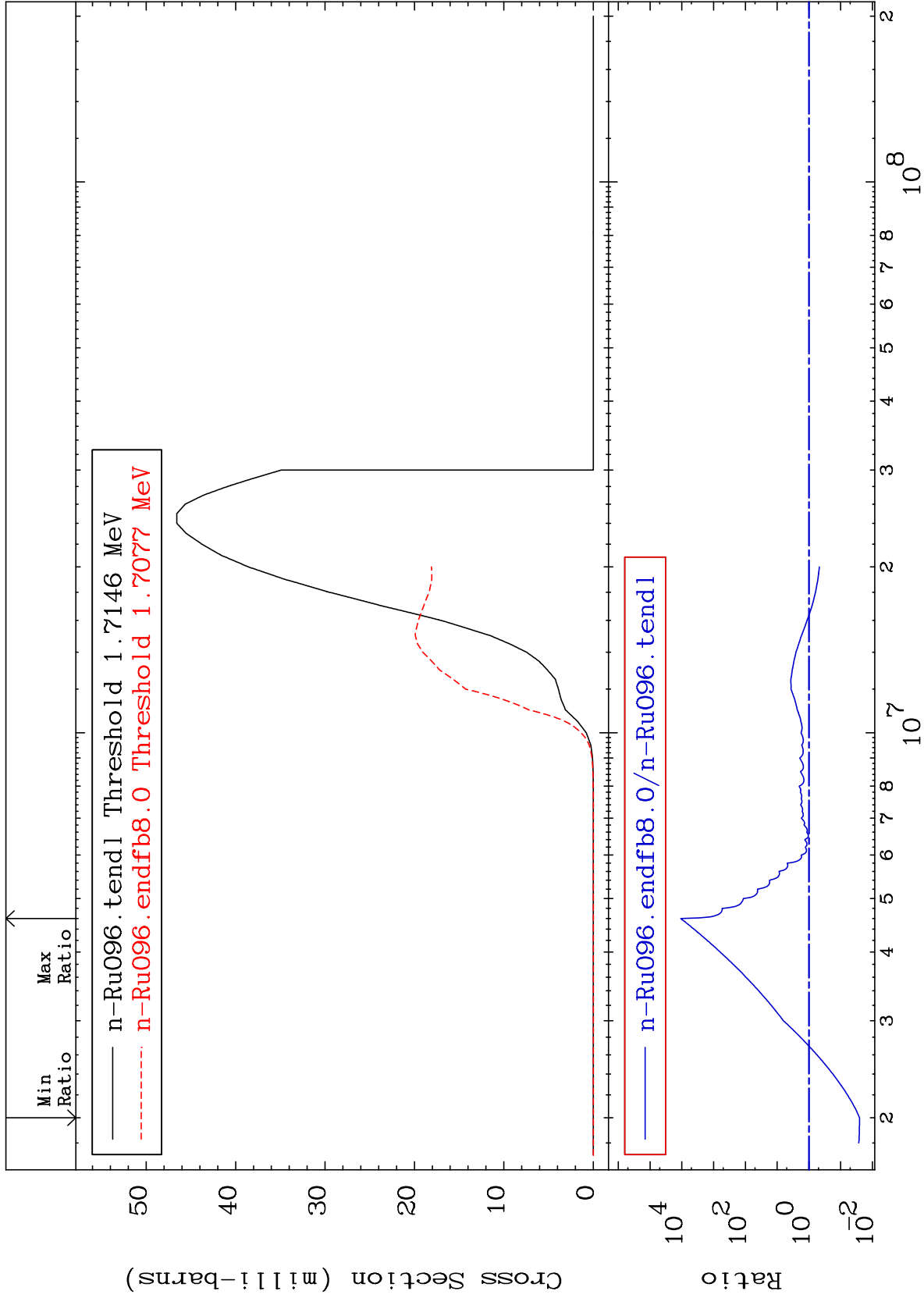
44-Ru-96
-33.17 To 22.30 %



44-Ru-96

3

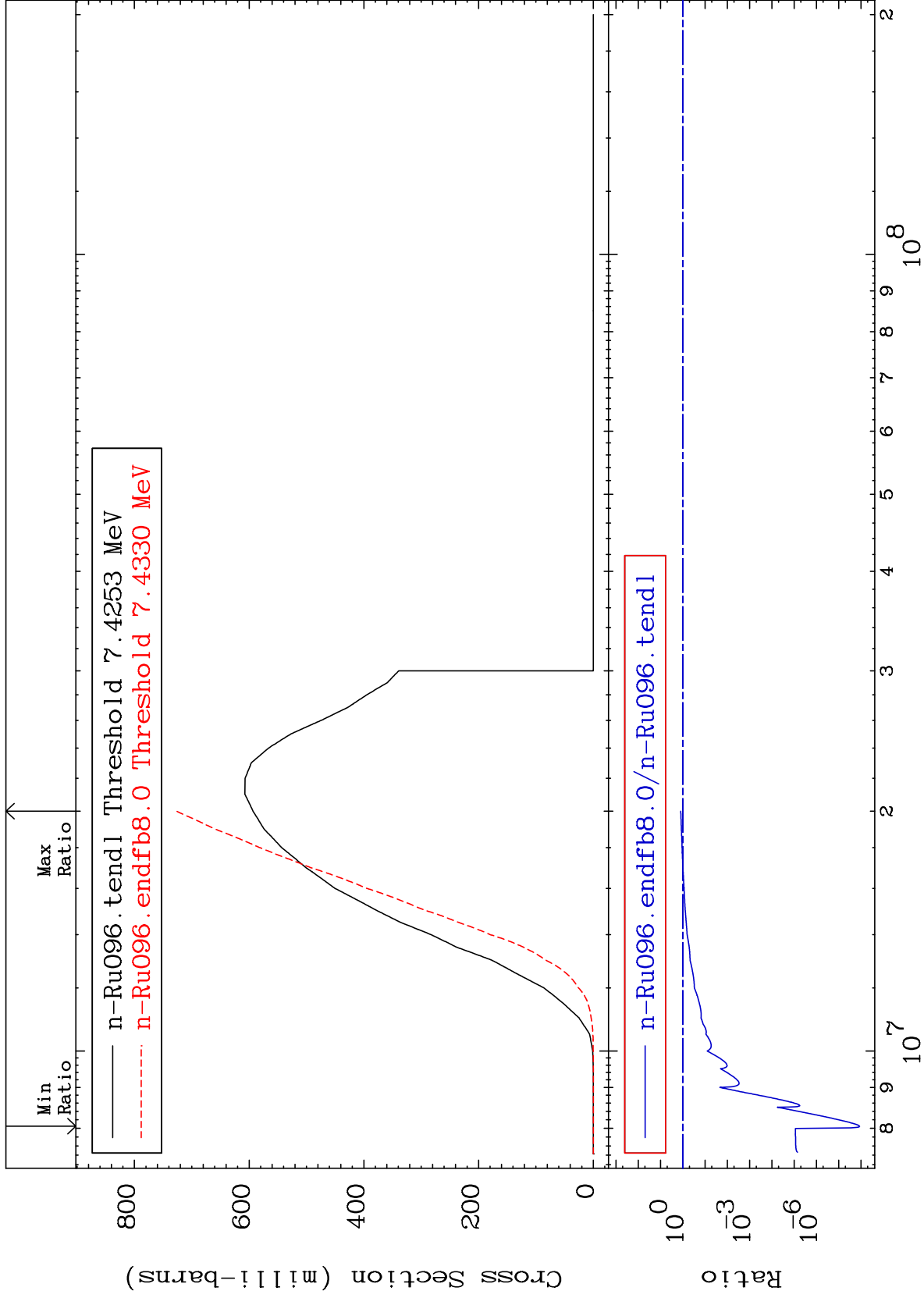




MAT 4425

(n,n') p
Cross Section

44-Ru-96
-100.0 To 22.44 %



6

Incident Energy (eV)

44-Ru-96

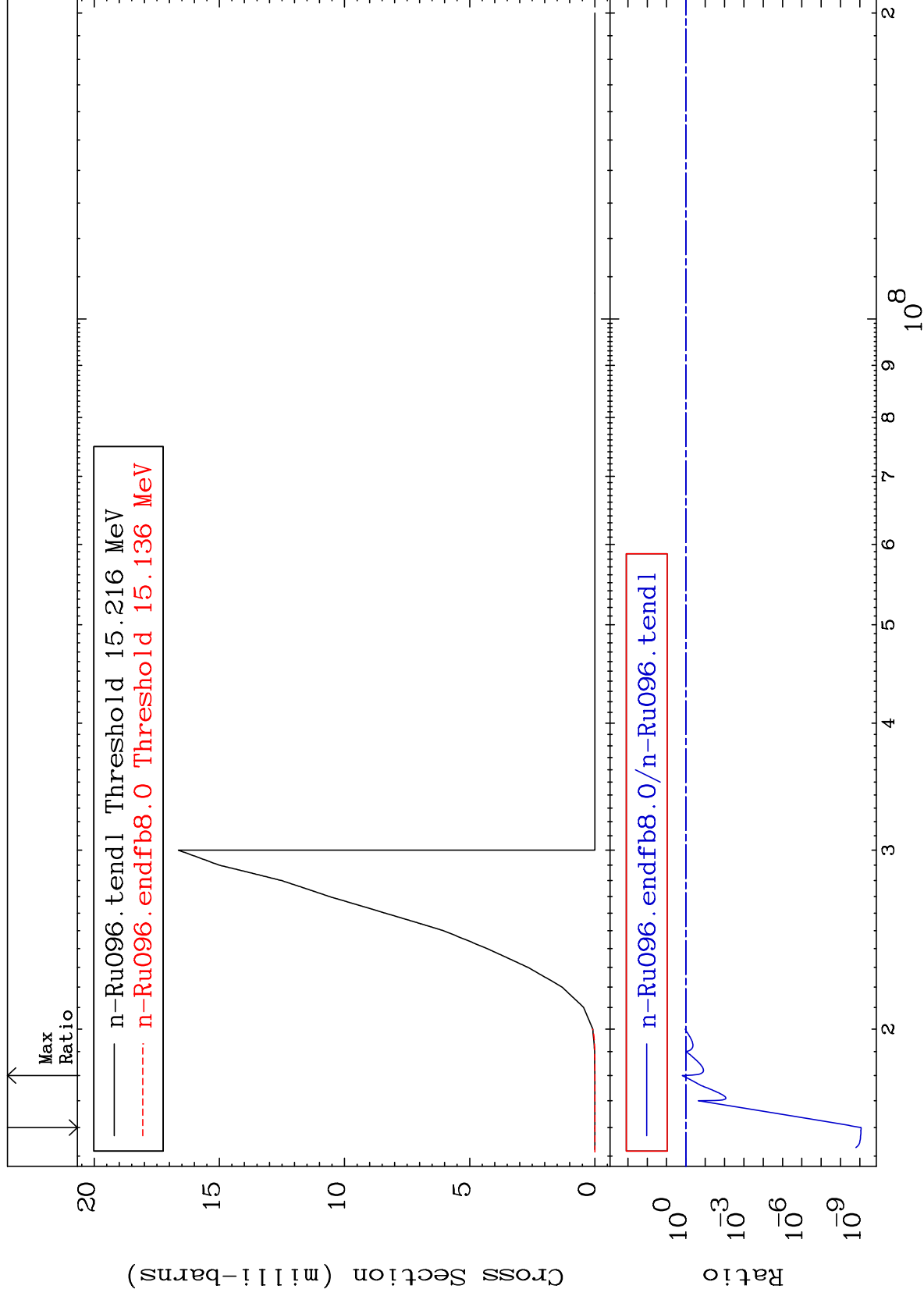
MAT 4425

(n,n') d

44-Ru-96

Cross Section

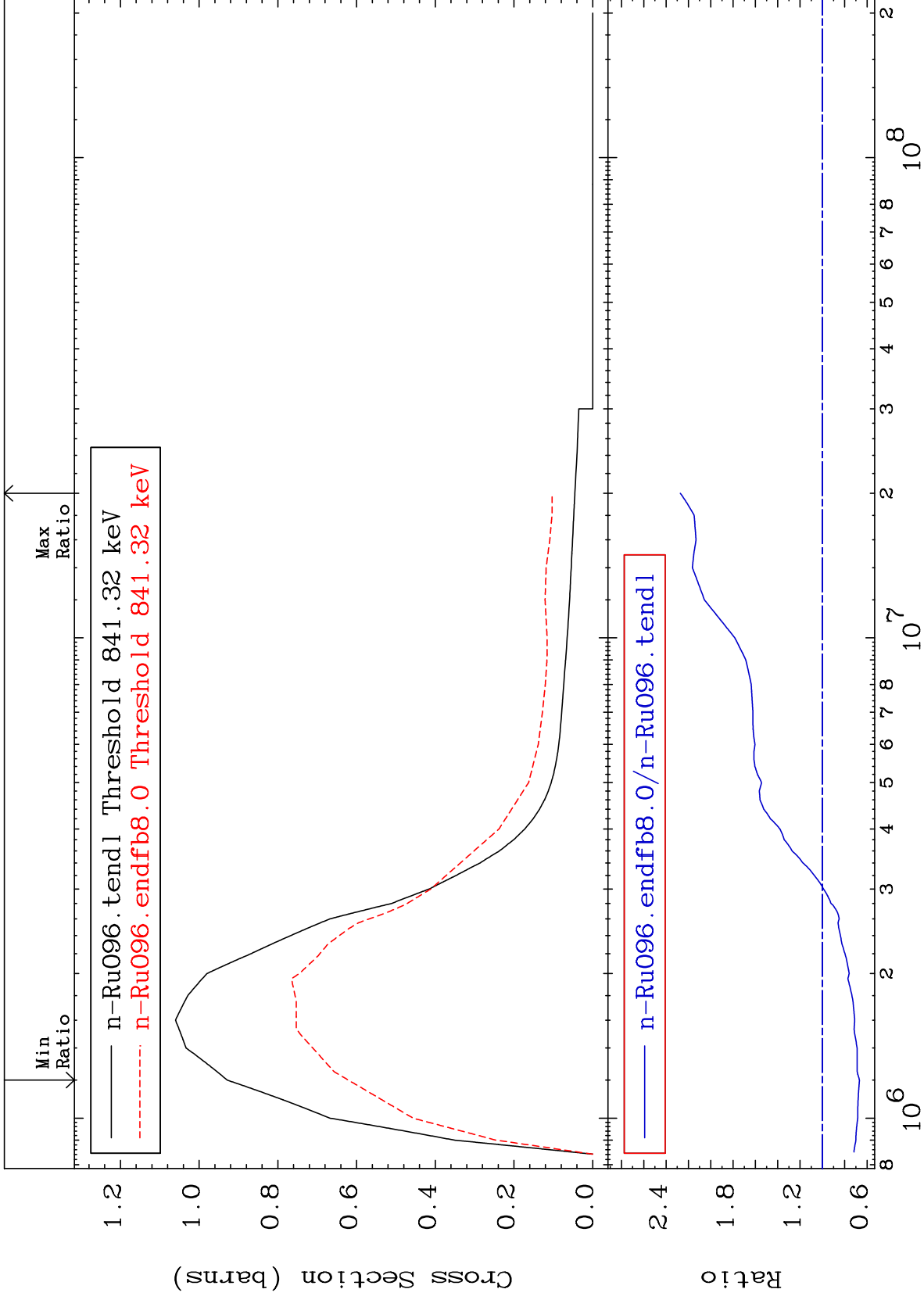
-100.0 To 52.78 %



MAT 4425

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

44-Ru-96
-33.17 To 127.2 %



8

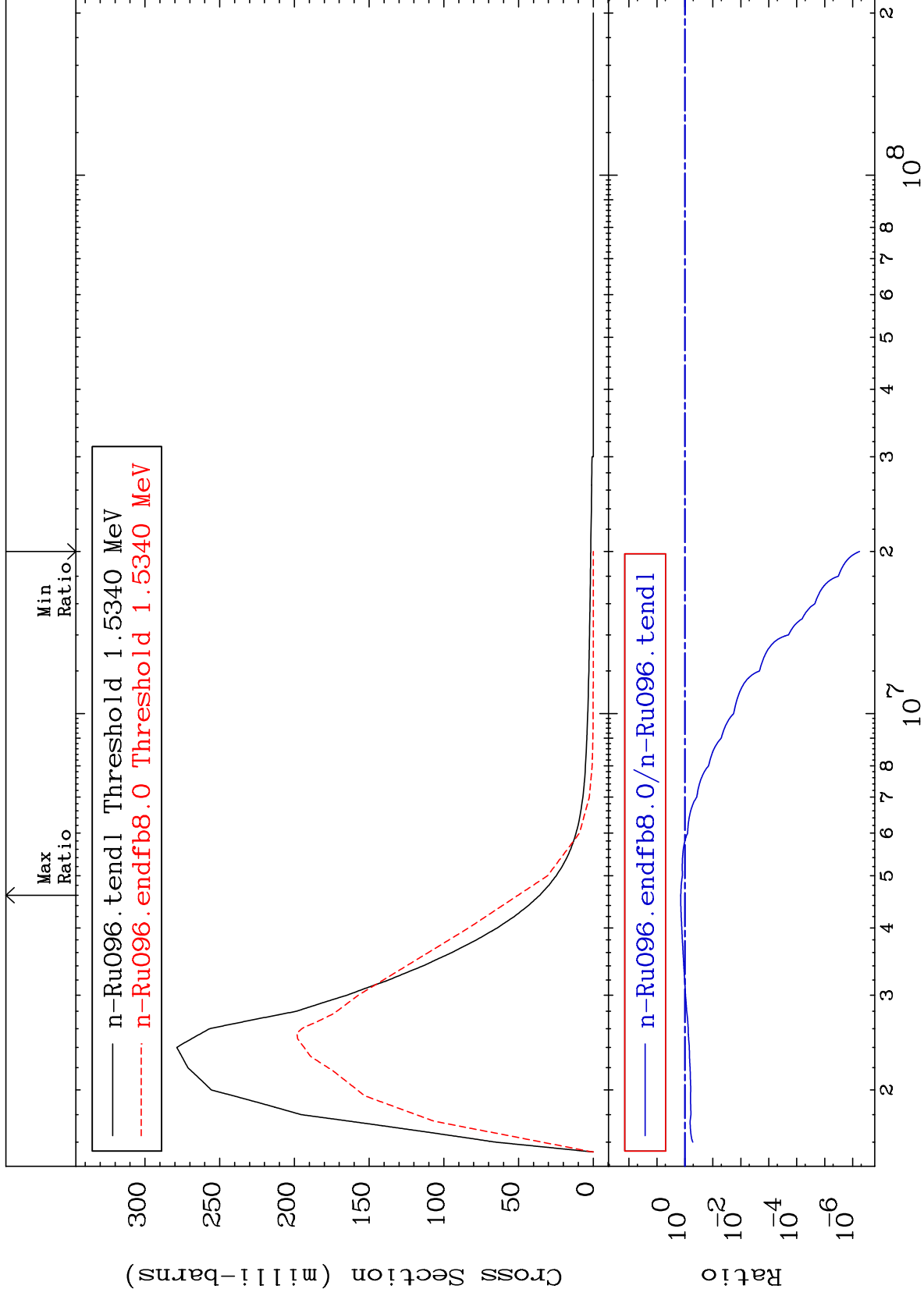
Incident Energy (eV)

44-Ru-96

MAT 4425

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

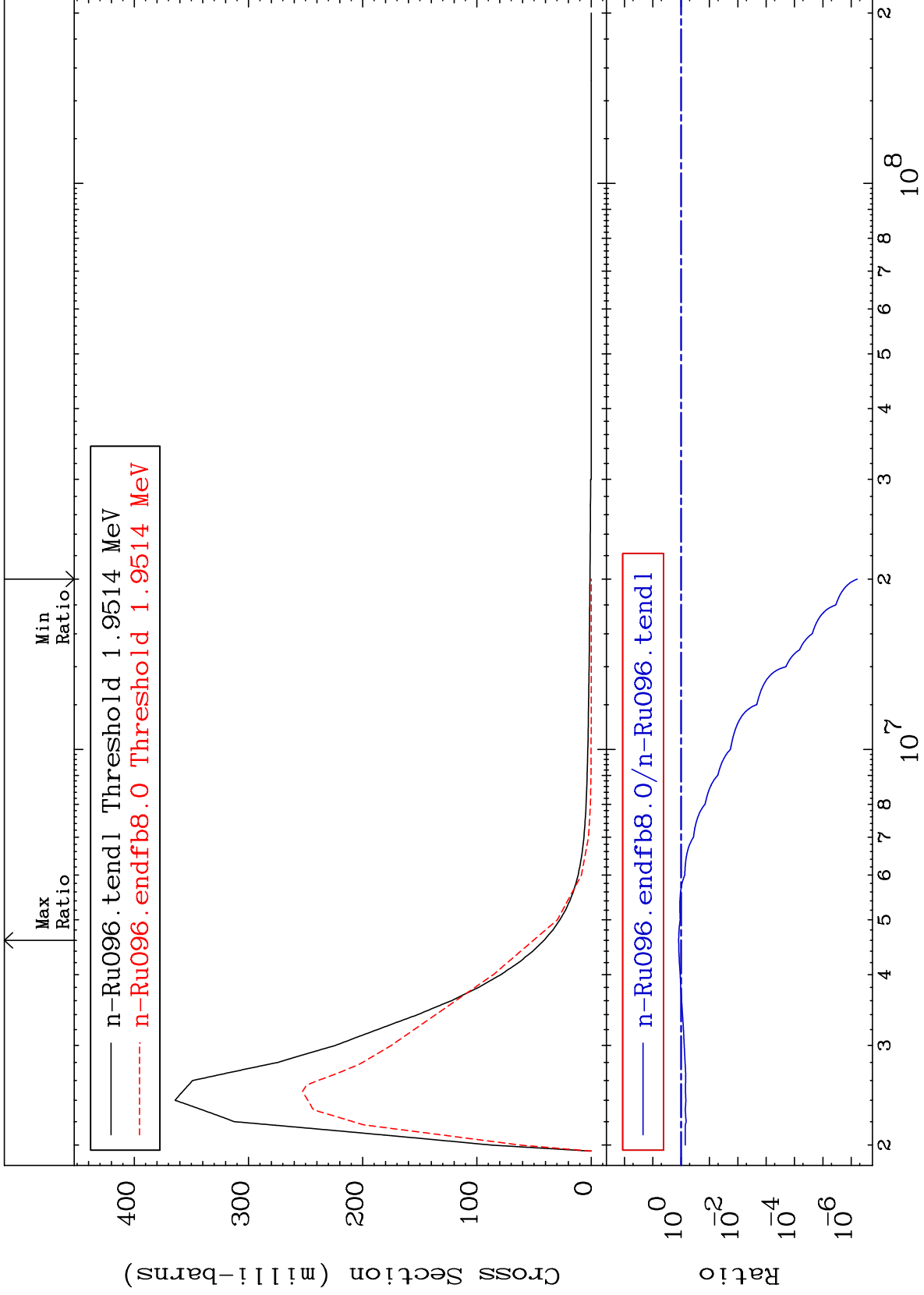
44-Ru-96
-100.0 To 40.44 %



MAT 4425

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

44-Ru-96
-100.0 To 22.49 %



10

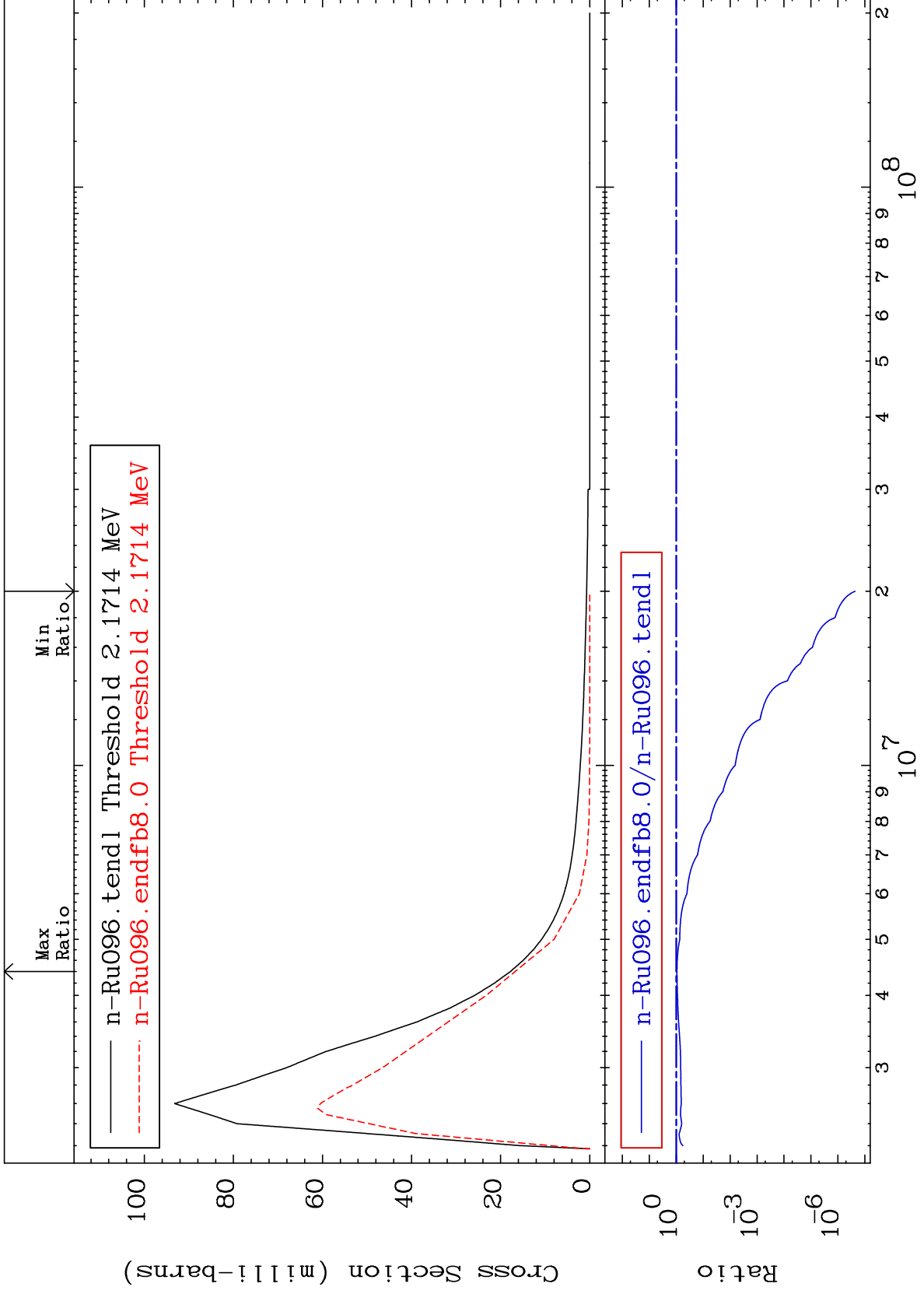
Incident Energy (eV)

44-Ru-96

MAT 4425

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

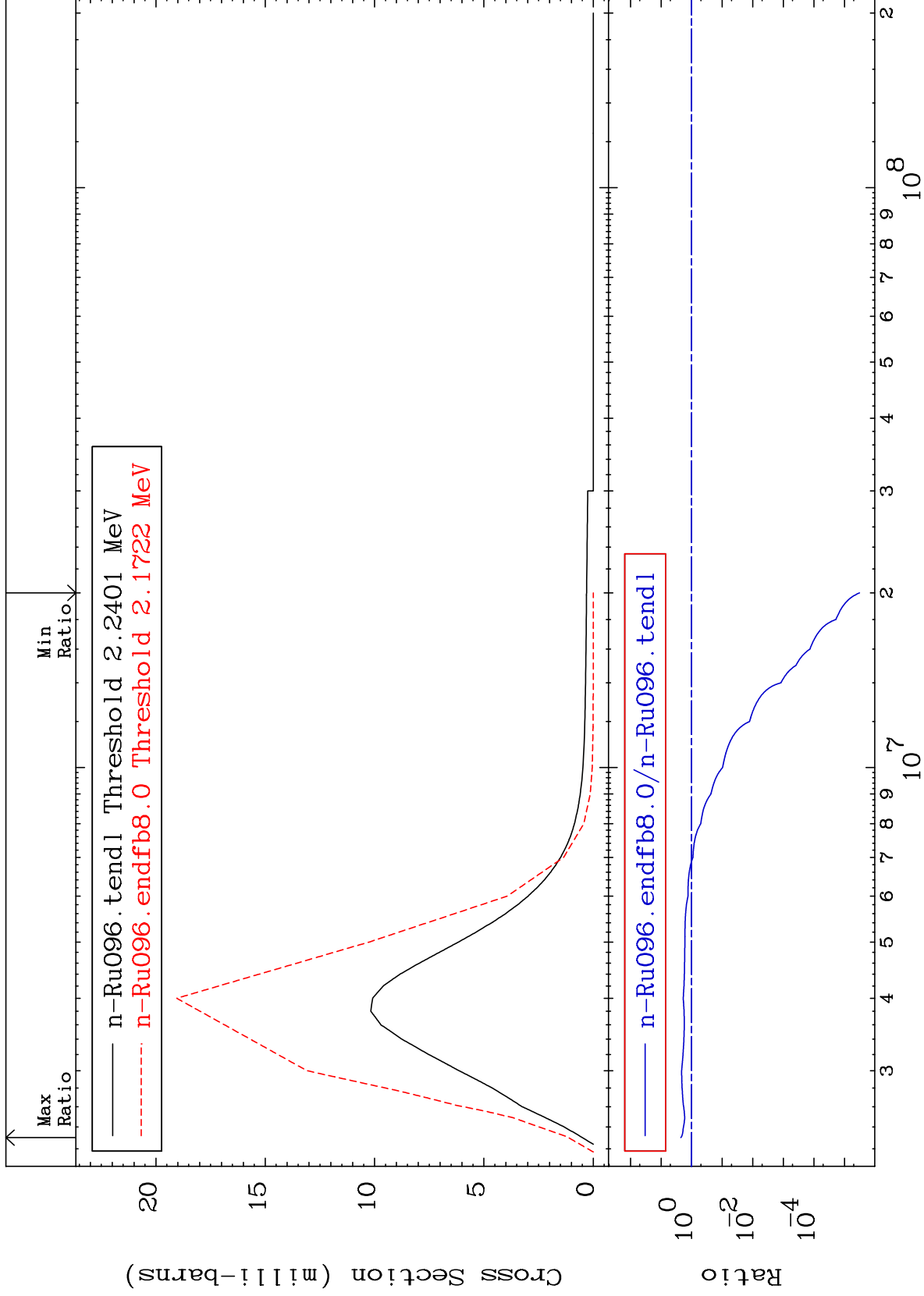
44-Ru-96
-100.0 To -5.917%



MAT 4425

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

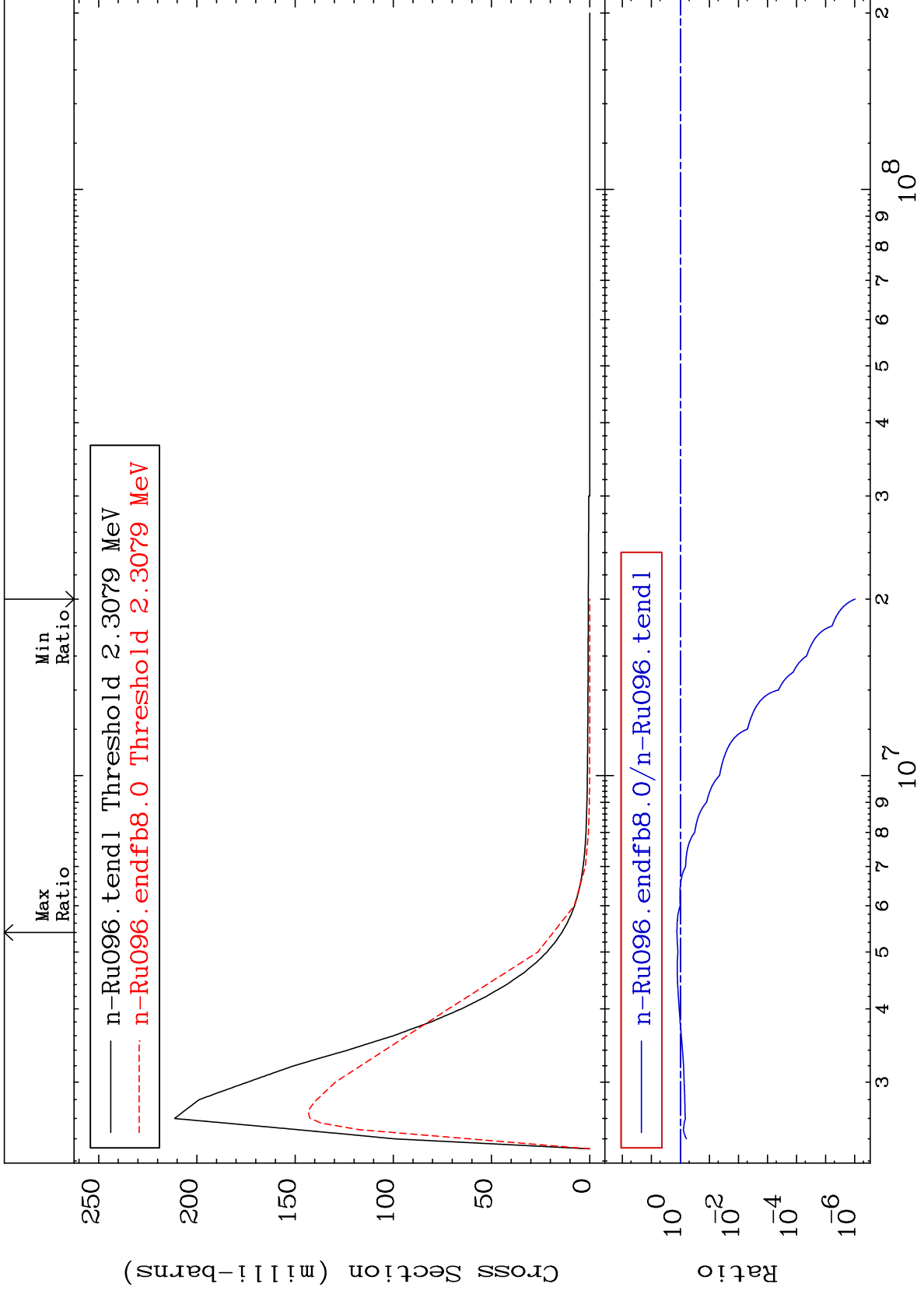
44-Ru-96
-100.0 To 126.8 %



MAT 4425

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

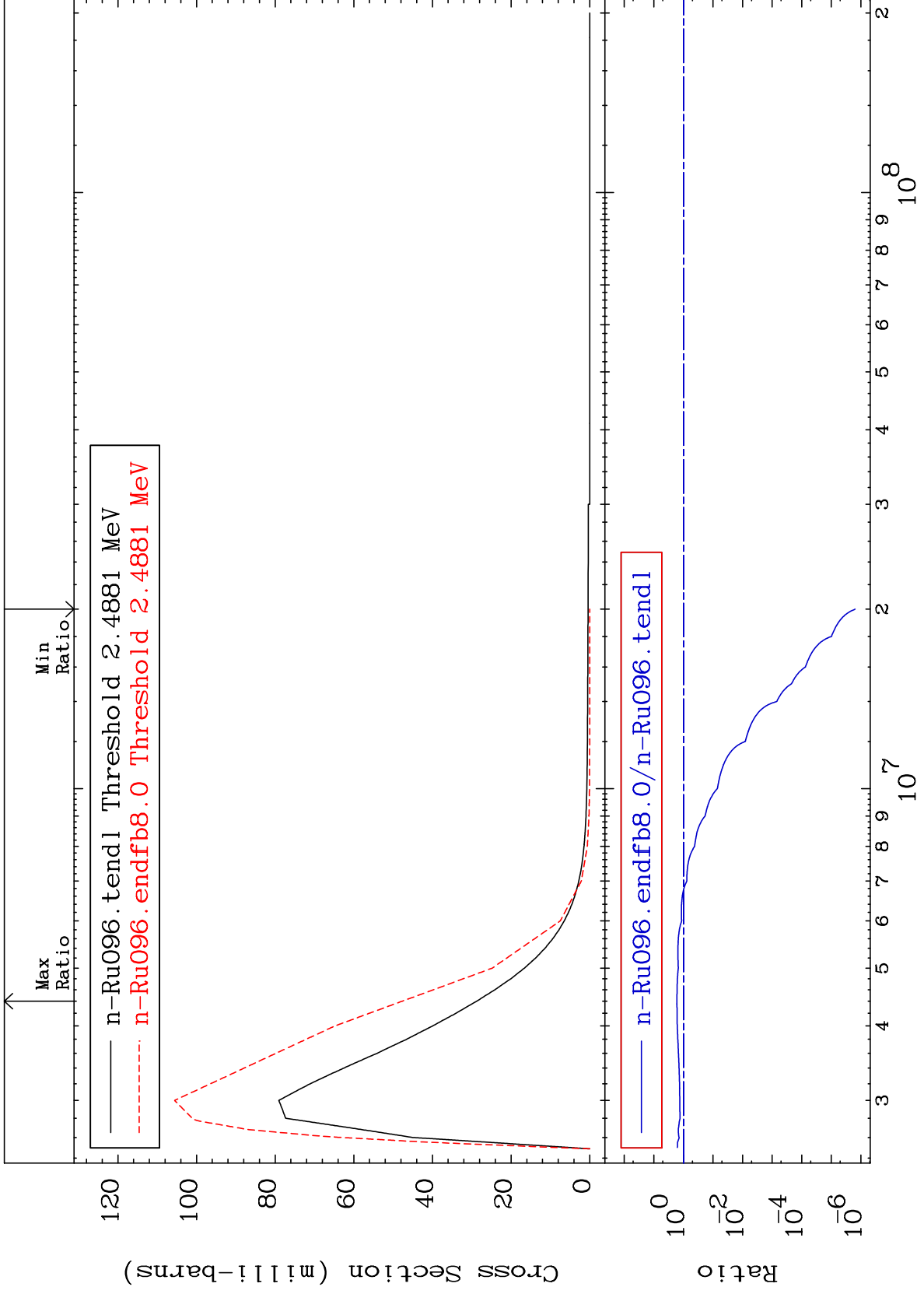
44-Ru-96
-100.0 To 31.13 %



MAT 4425

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

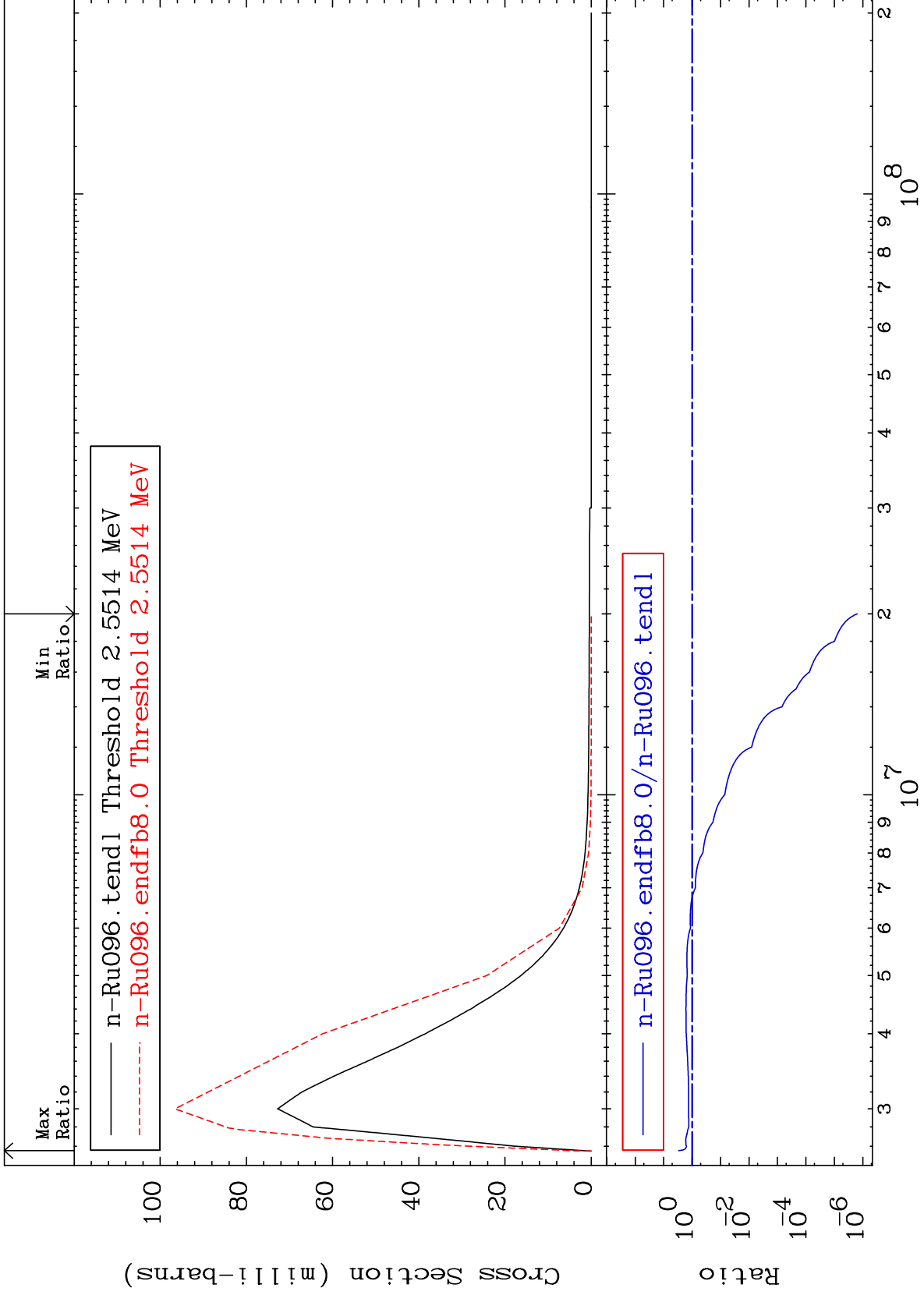
44-Ru-96
-100.0 To 65.96 %



MAT 4425

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

44-Ru-96
-100.0 To 198.1 %



15

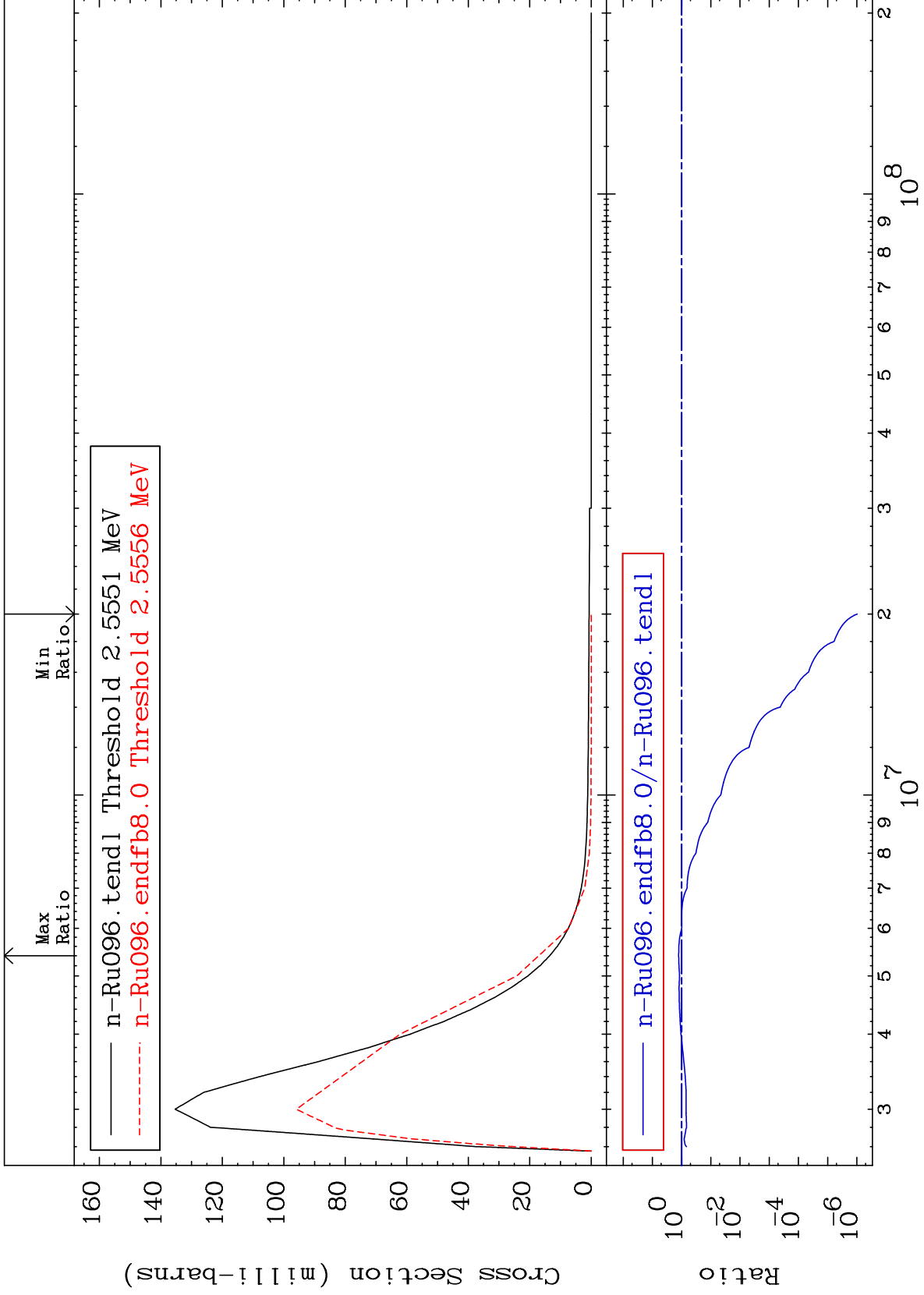
Incident Energy (eV)

44-Ru-96

MAT 4425

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

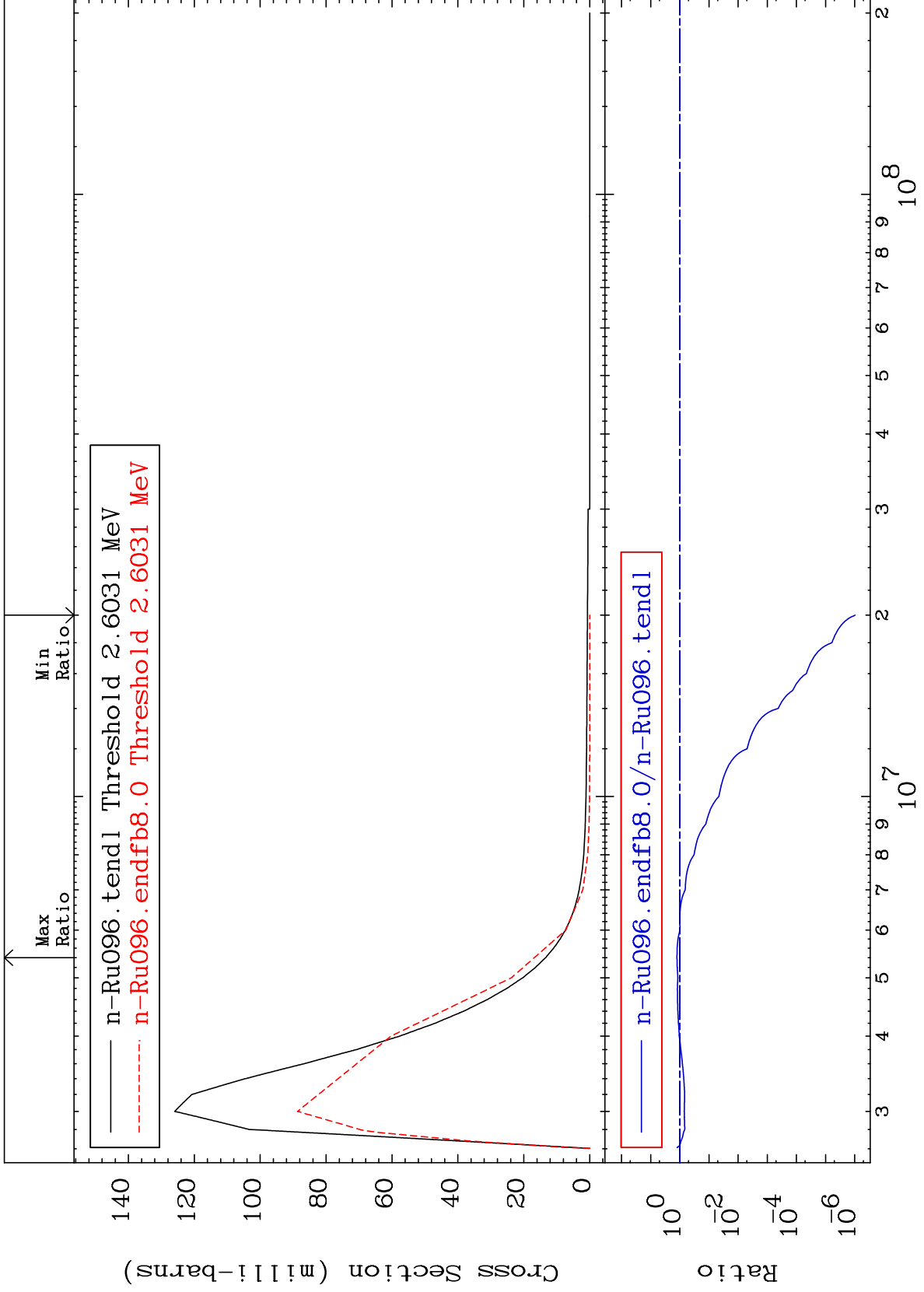
44-Ru-96
-100.0 To 26.40 %



MAT 4425

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

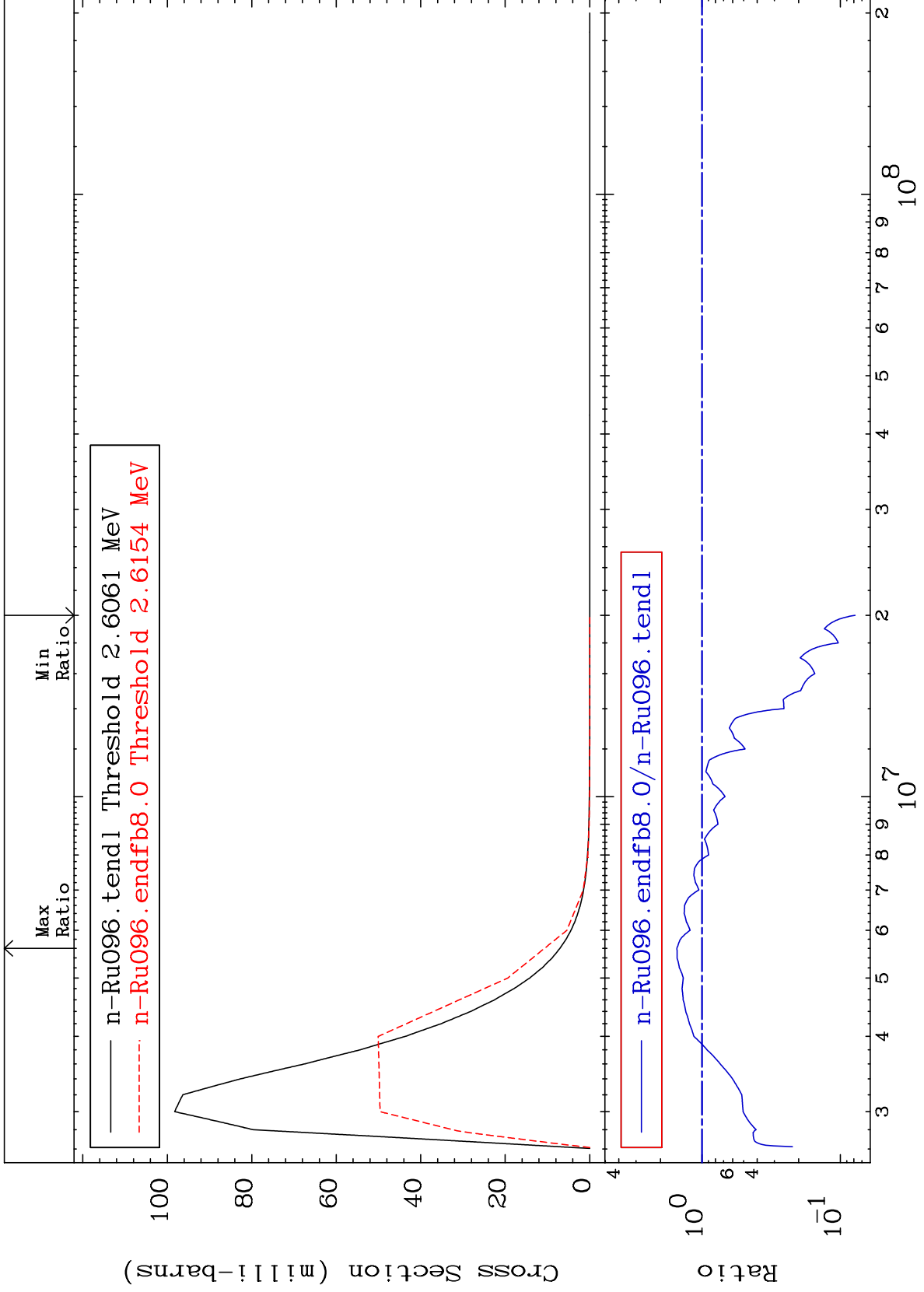
44-Ru-96
-100.0 To 25.50 %



MAT 4425

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

44-Ru-96
-92.17 To 51.88 %



18

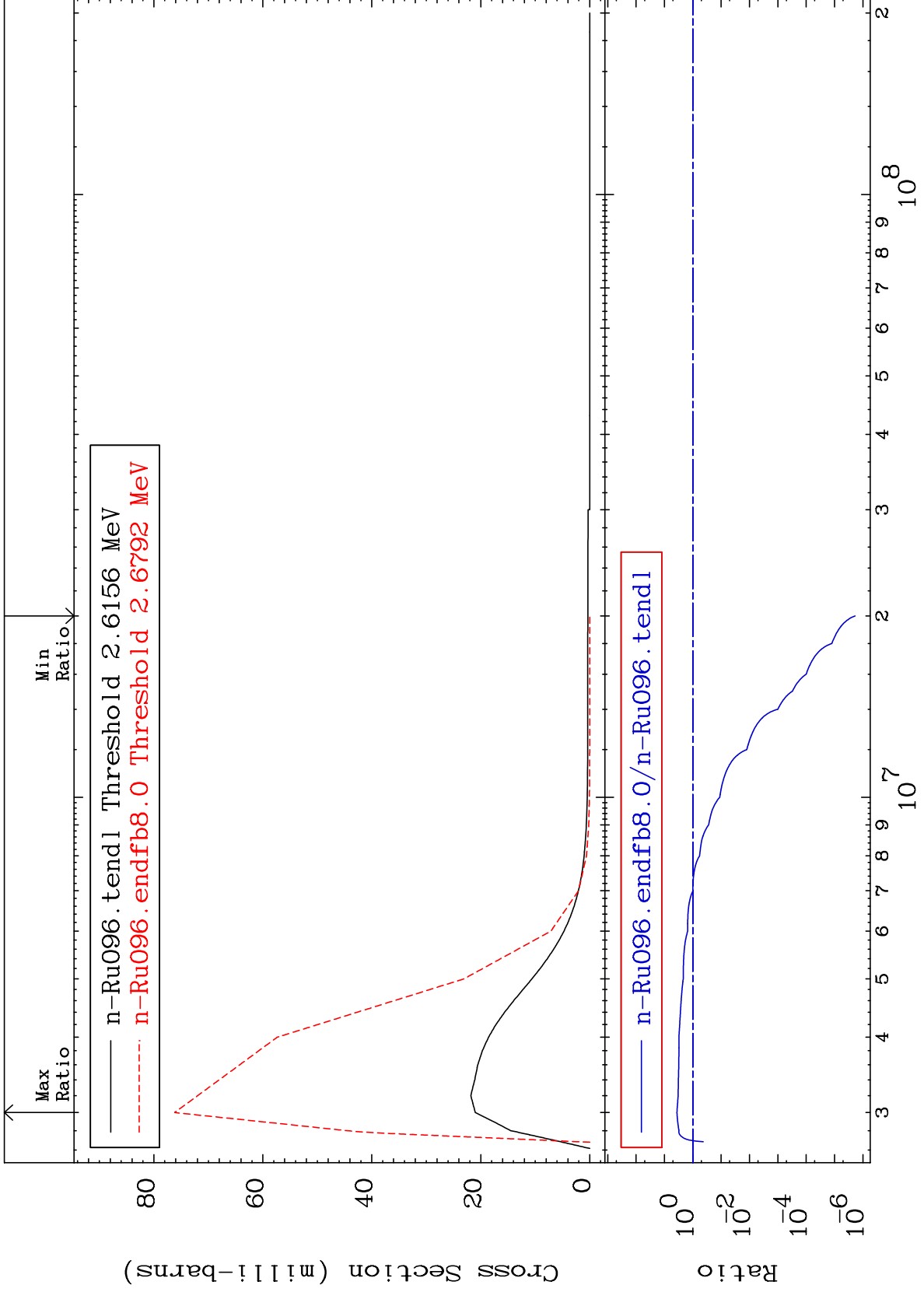
Incident Energy (eV)

44-Ru-96

MAT 4425

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

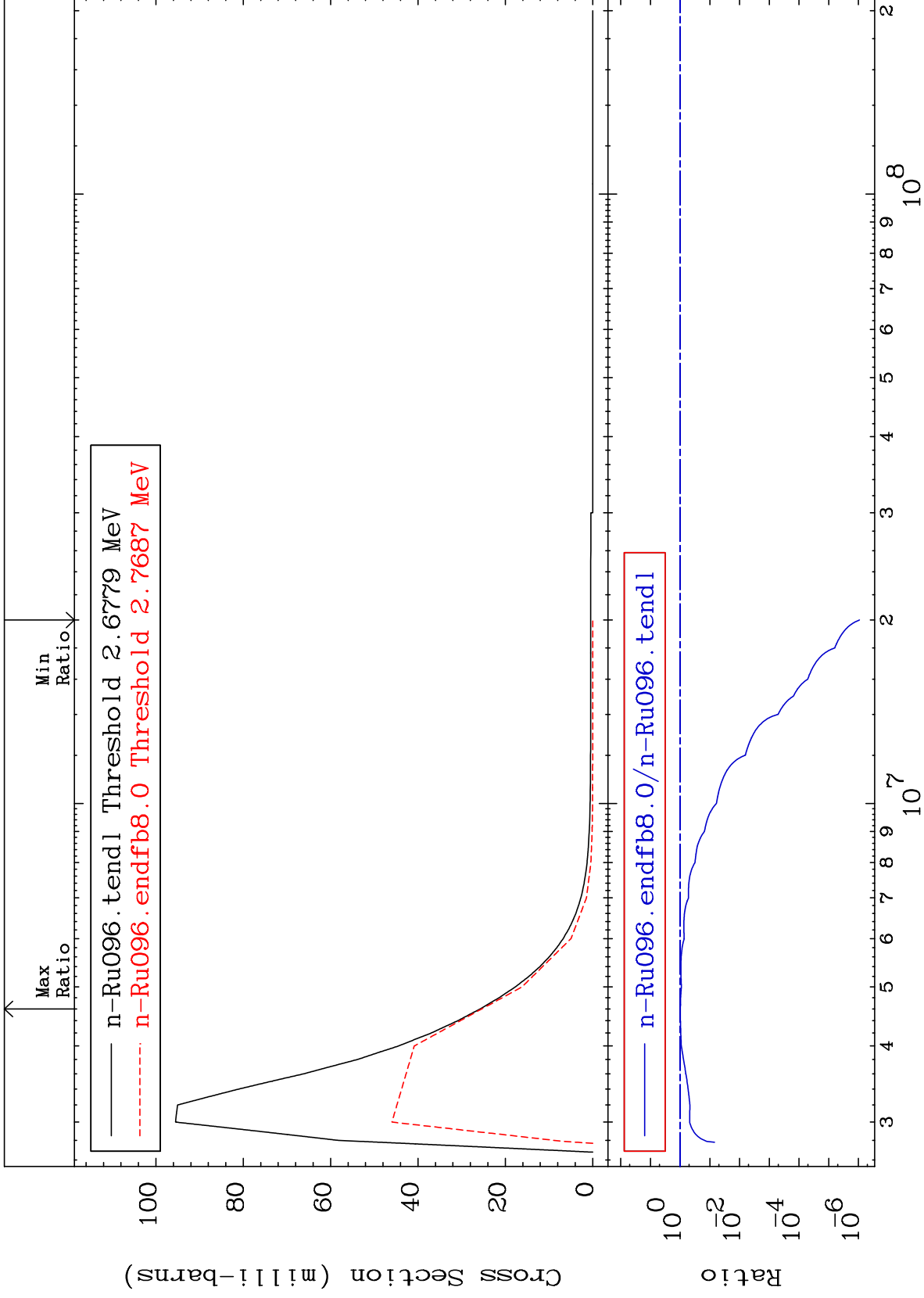
44-Ru-96
-100.0 To 262.8 %



MAT 4425

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

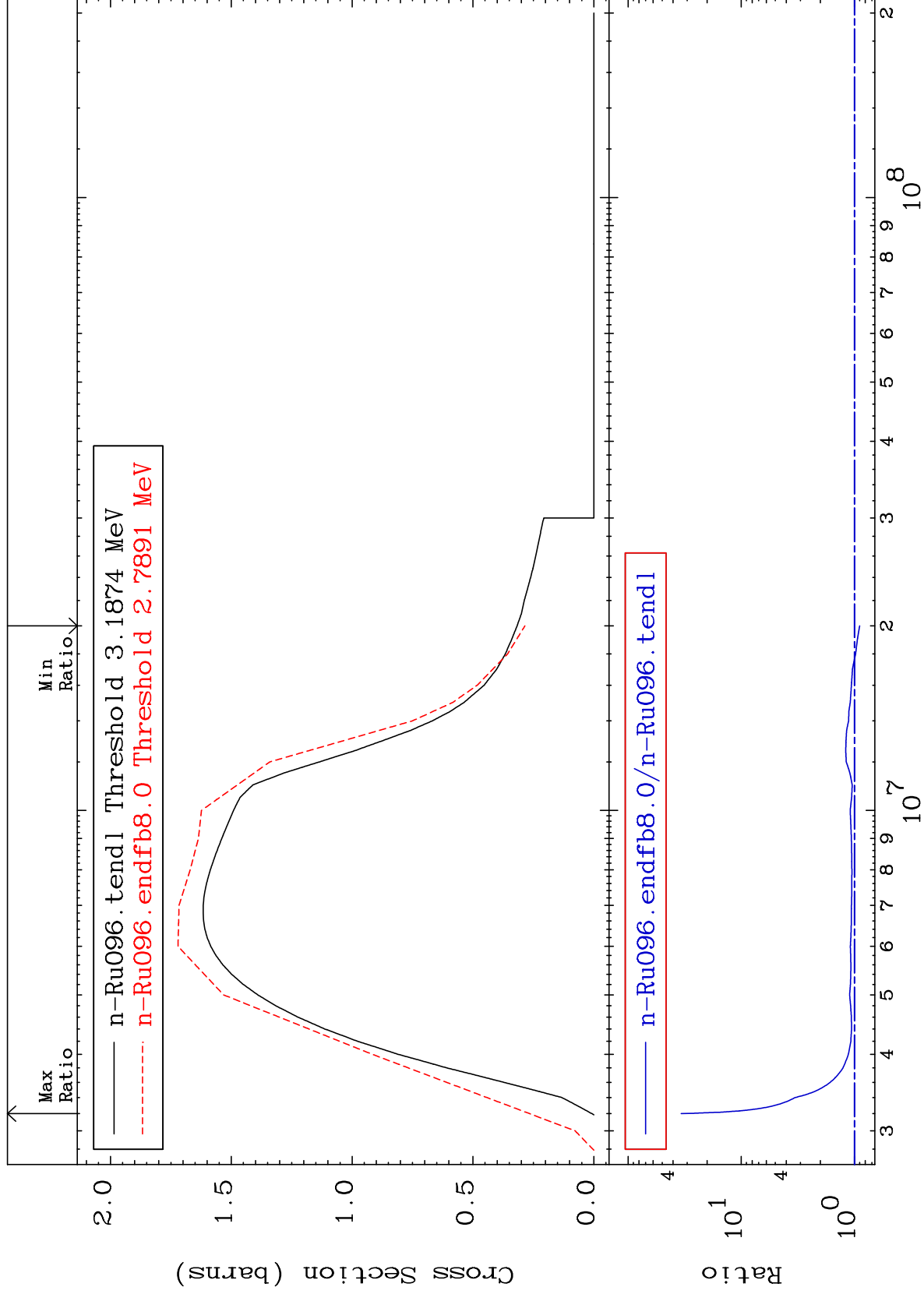
44-Ru-96
-100.0 To -1.414%



20

Incident Energy (eV)

44-Ru-96



MAT 4425

44-Ru-96

-100.0 To 9999. %

(n, γ)

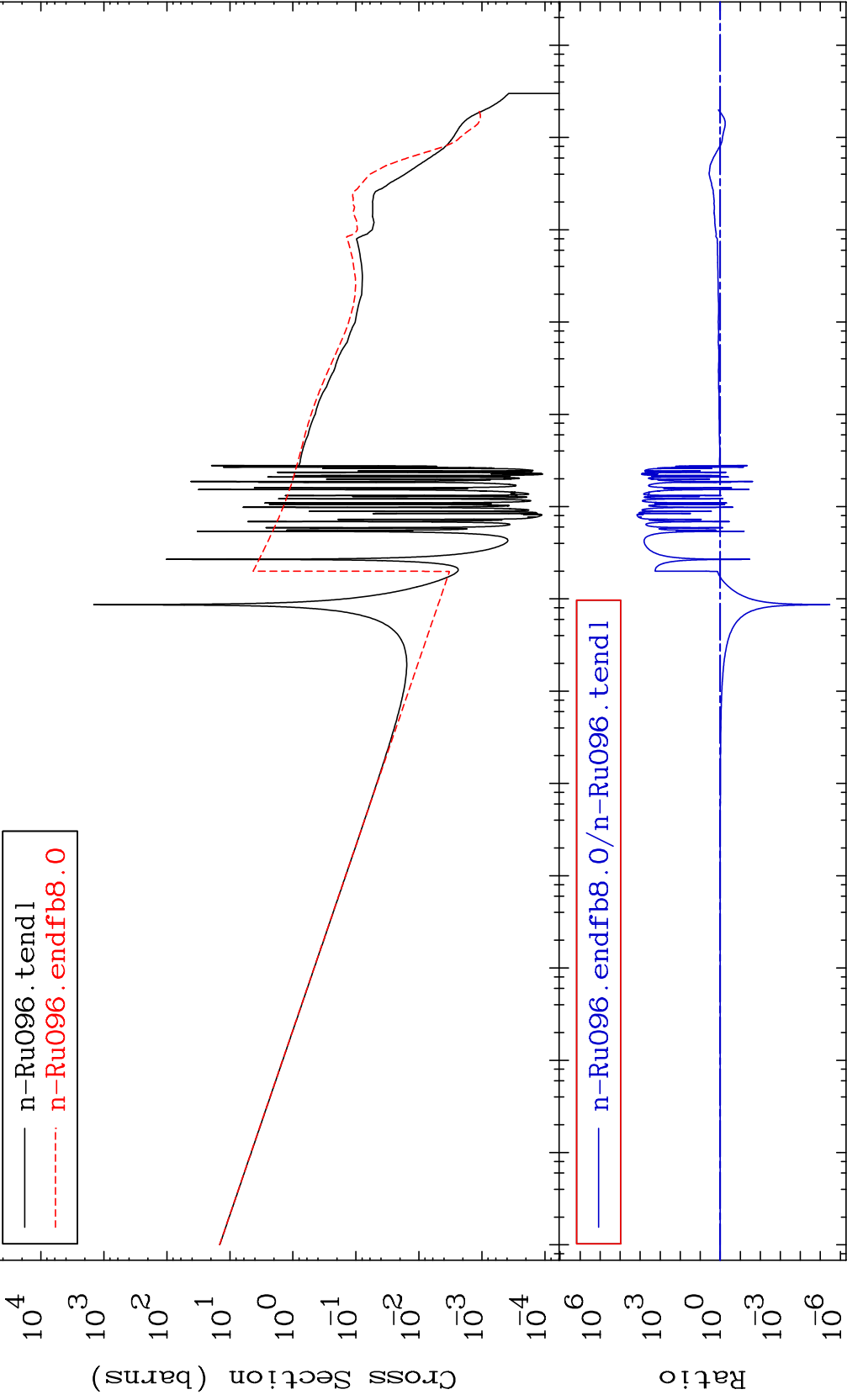
Cross Section

Min Ratio

Max Ratio

— n-Ru096.tendl
- - - n-Ru096.endfb8.0

— n-Ru096.endfb8.0/n-Ru096.tendl

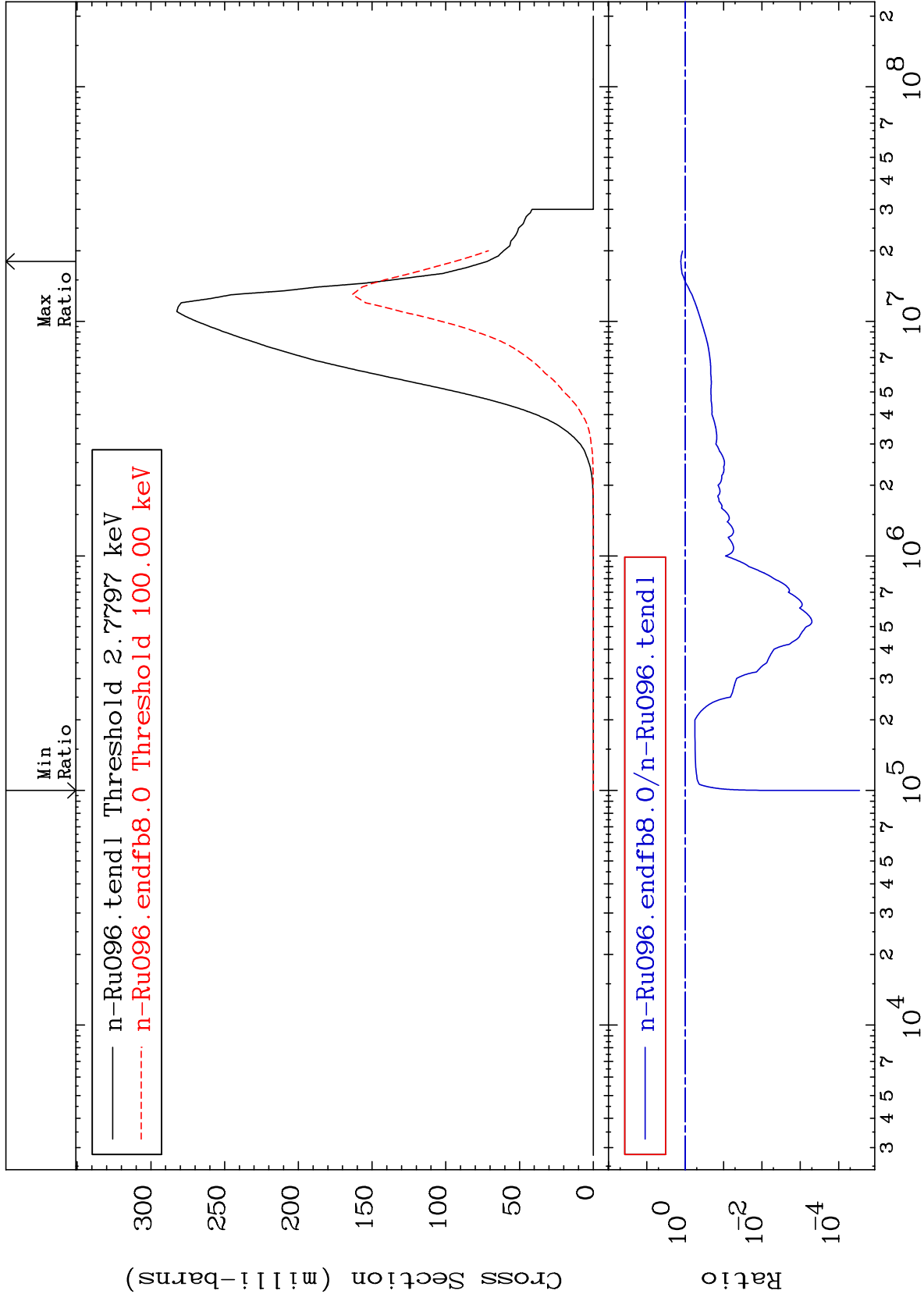


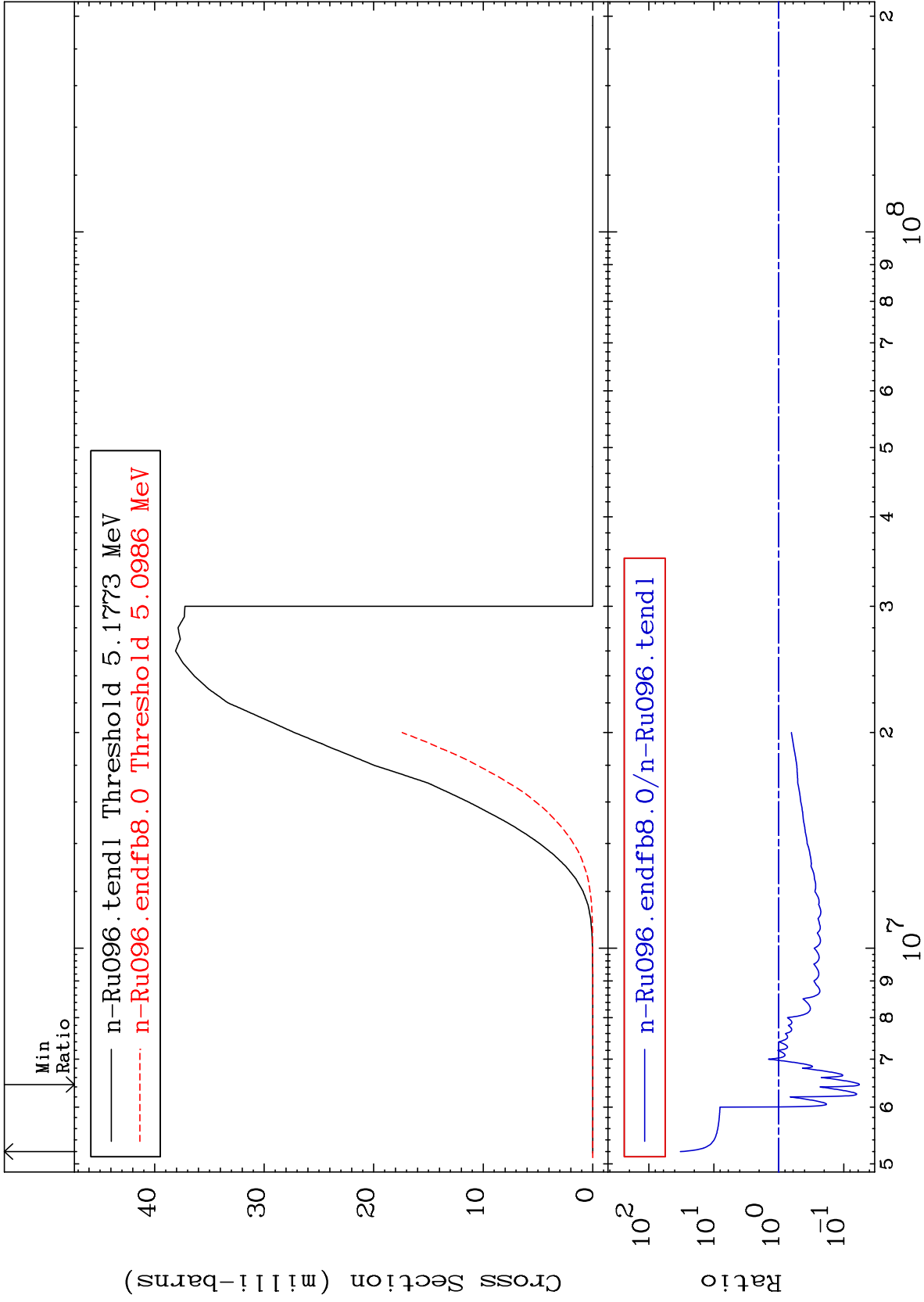
MAT 4425

(n, p)
Cross Section

44-Ru-96

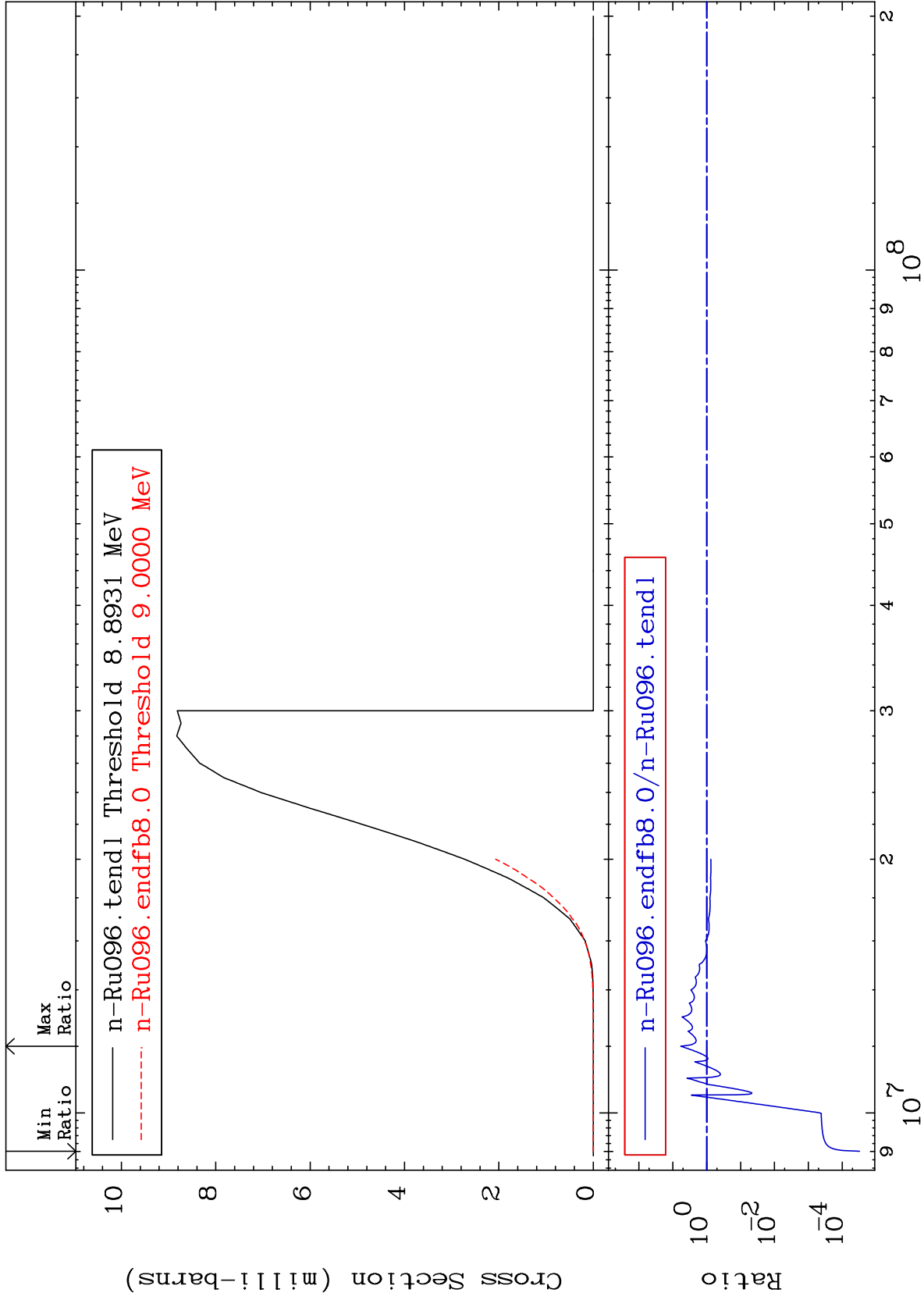
-100.0 To 30.54 %

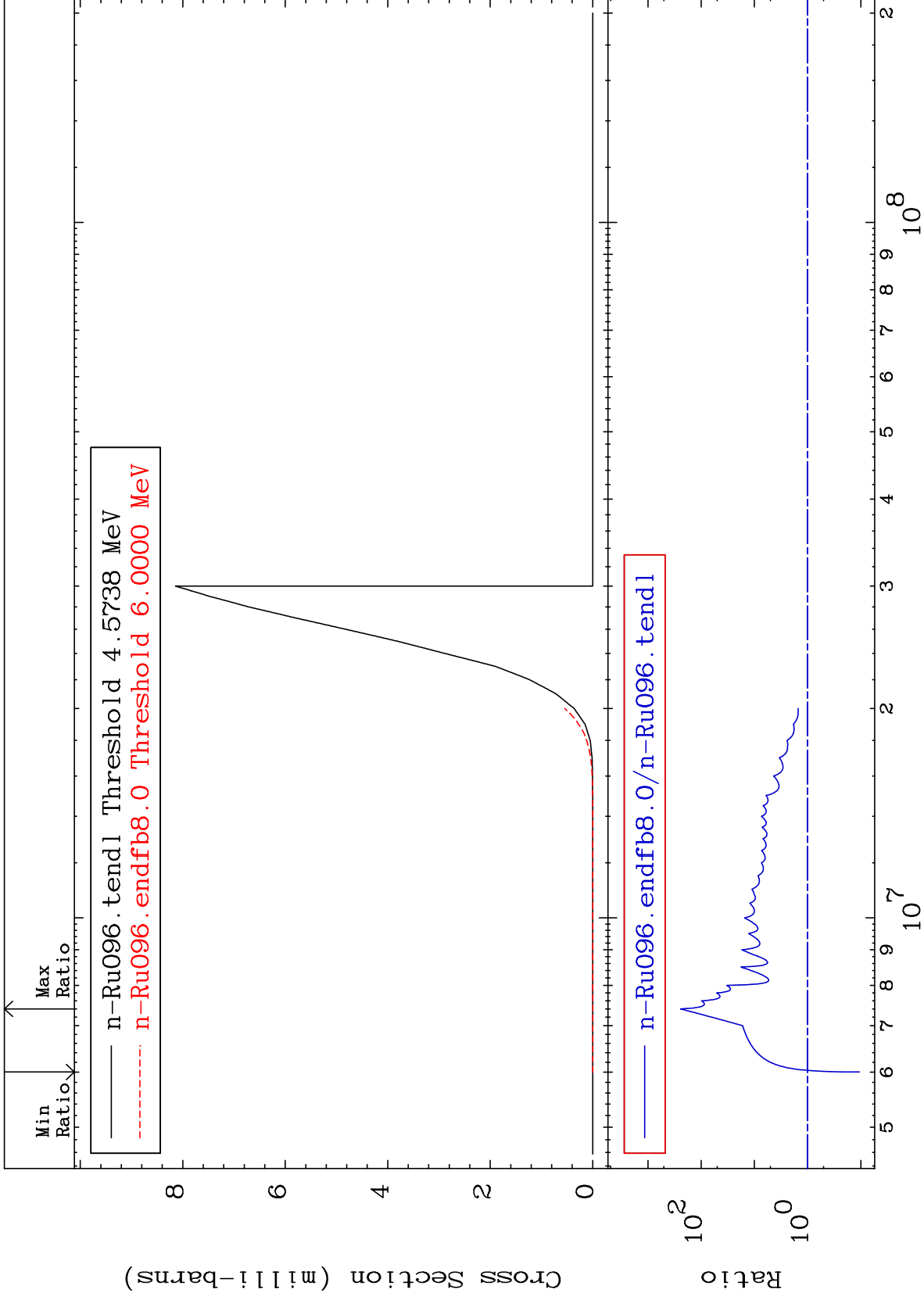




Cross Section

-100.0 To 483.1 %





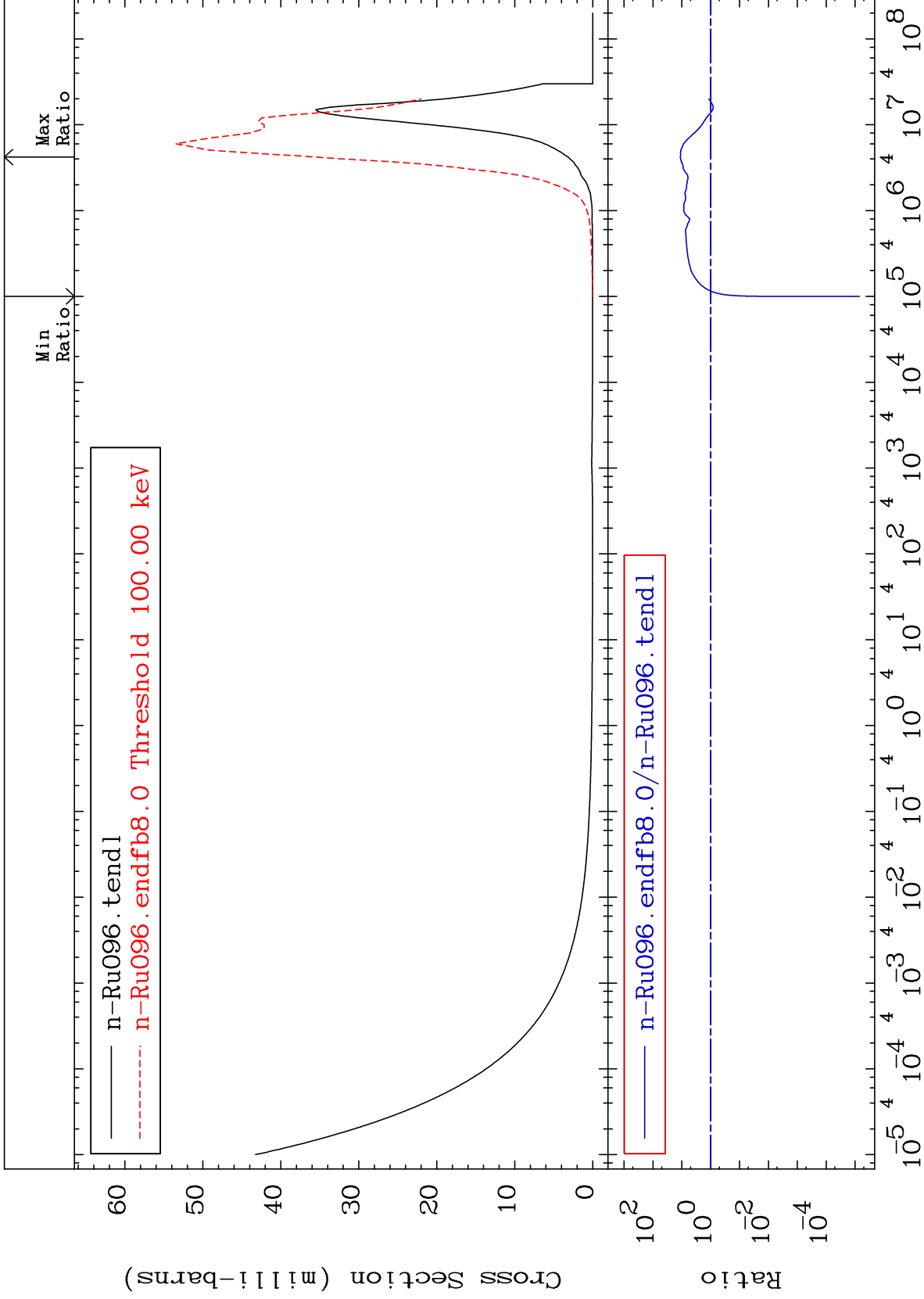
MAT 4425

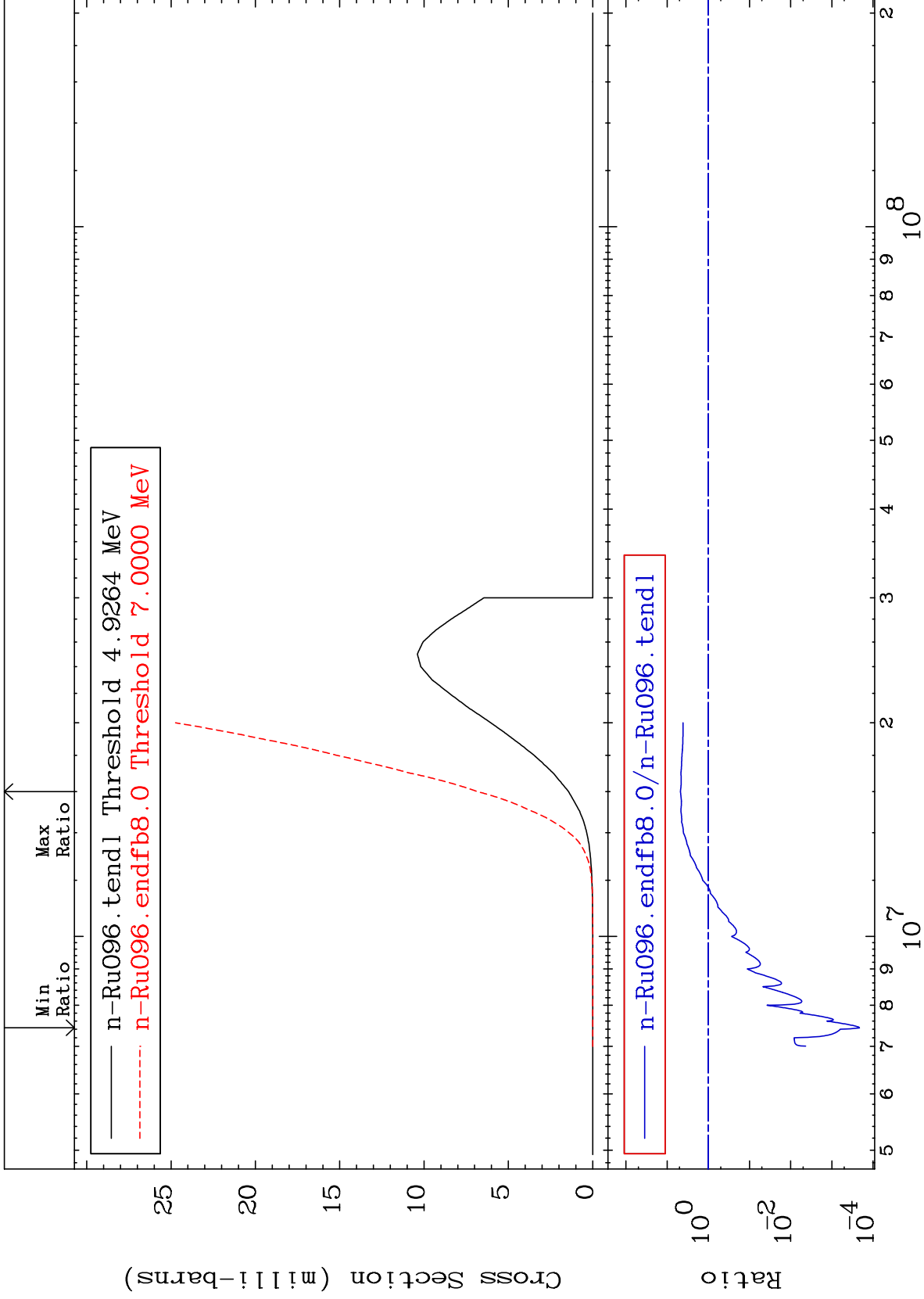
(n, α)

44-Ru-96

Cross Section

-100.0 To 1025. %

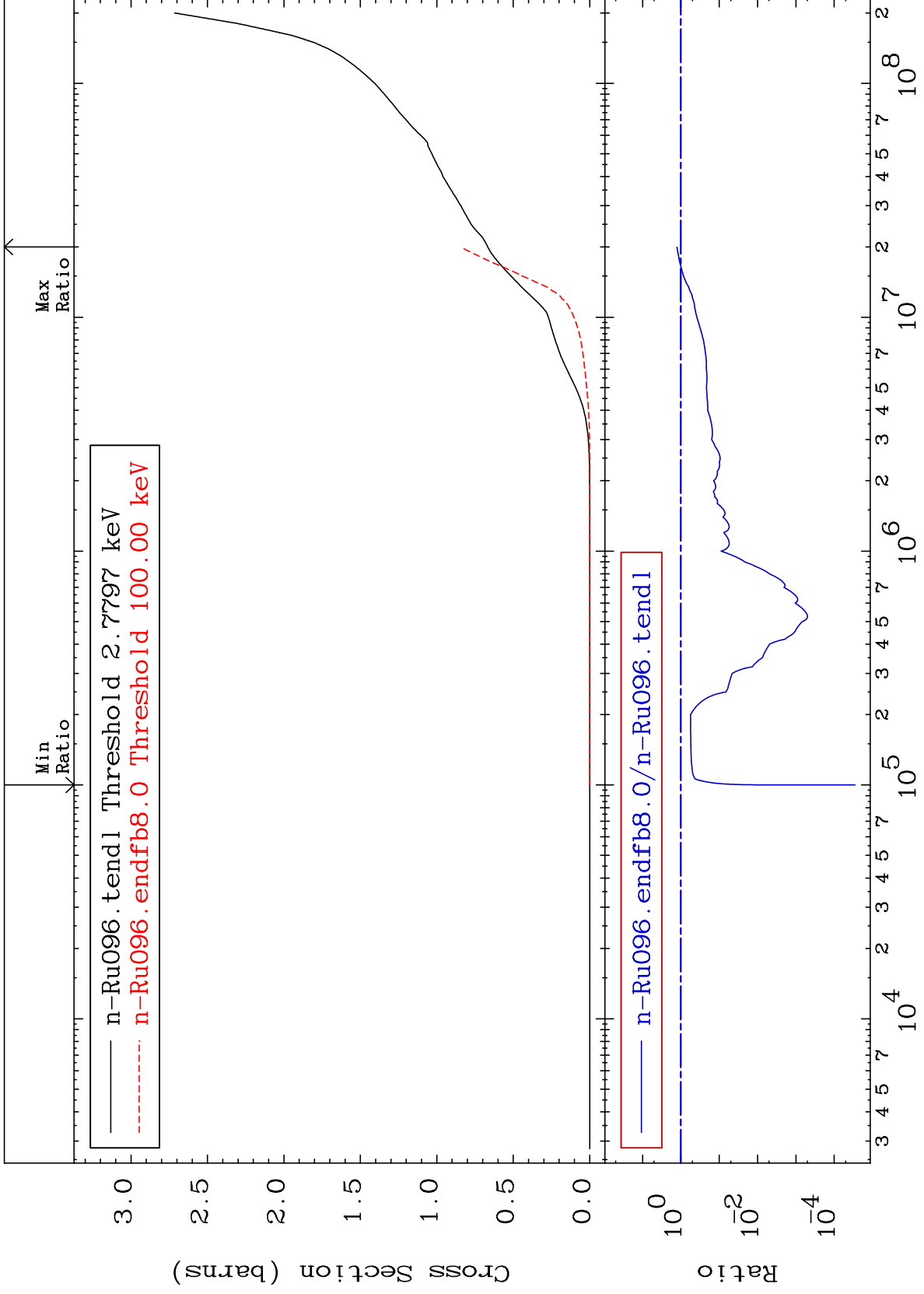




MAT 4425

Hydrogen Production
Cross Section

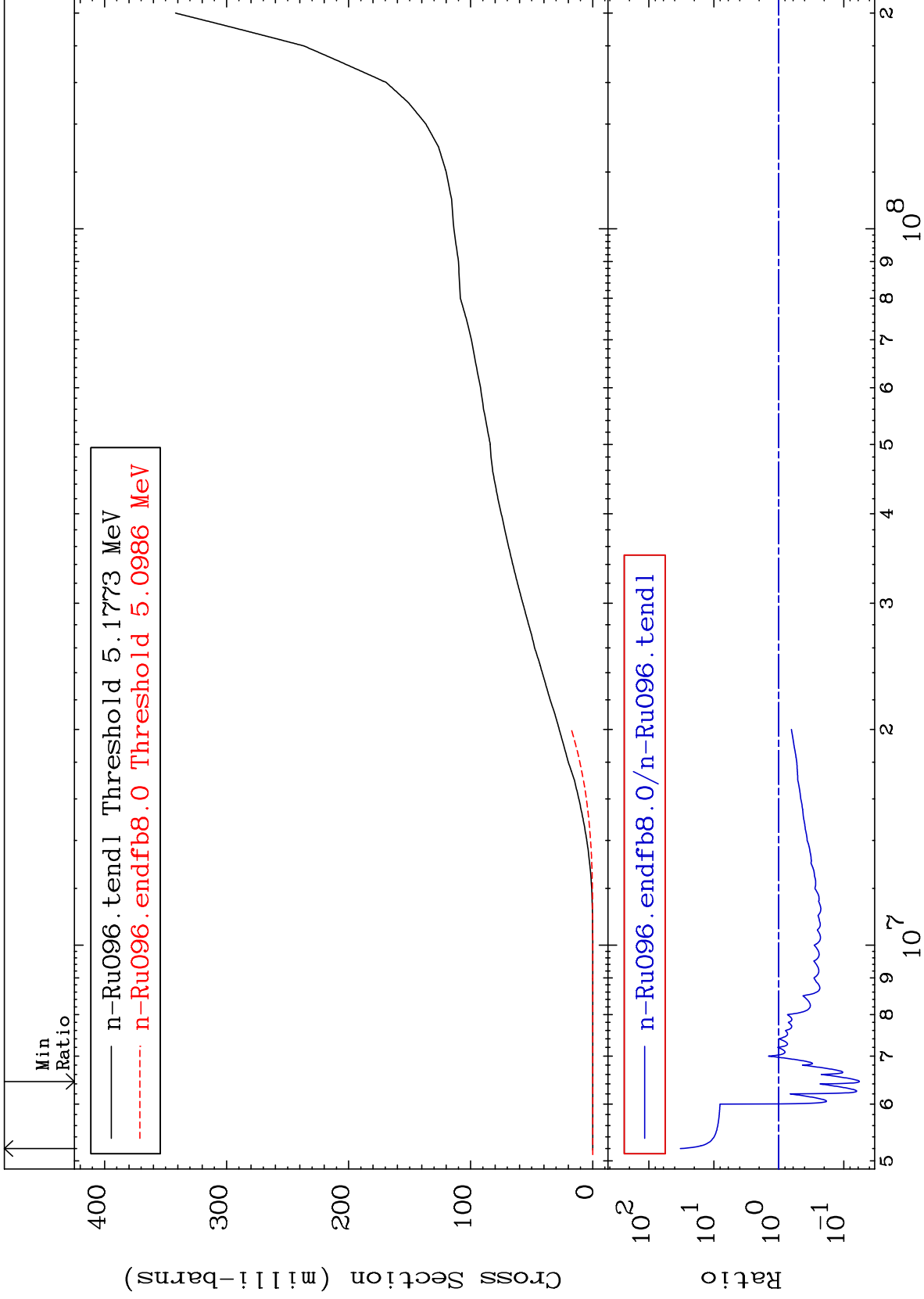
44-Ru-96
-100.0 To 26.92 %



MAT 4425

Deuterium Production Cross Section

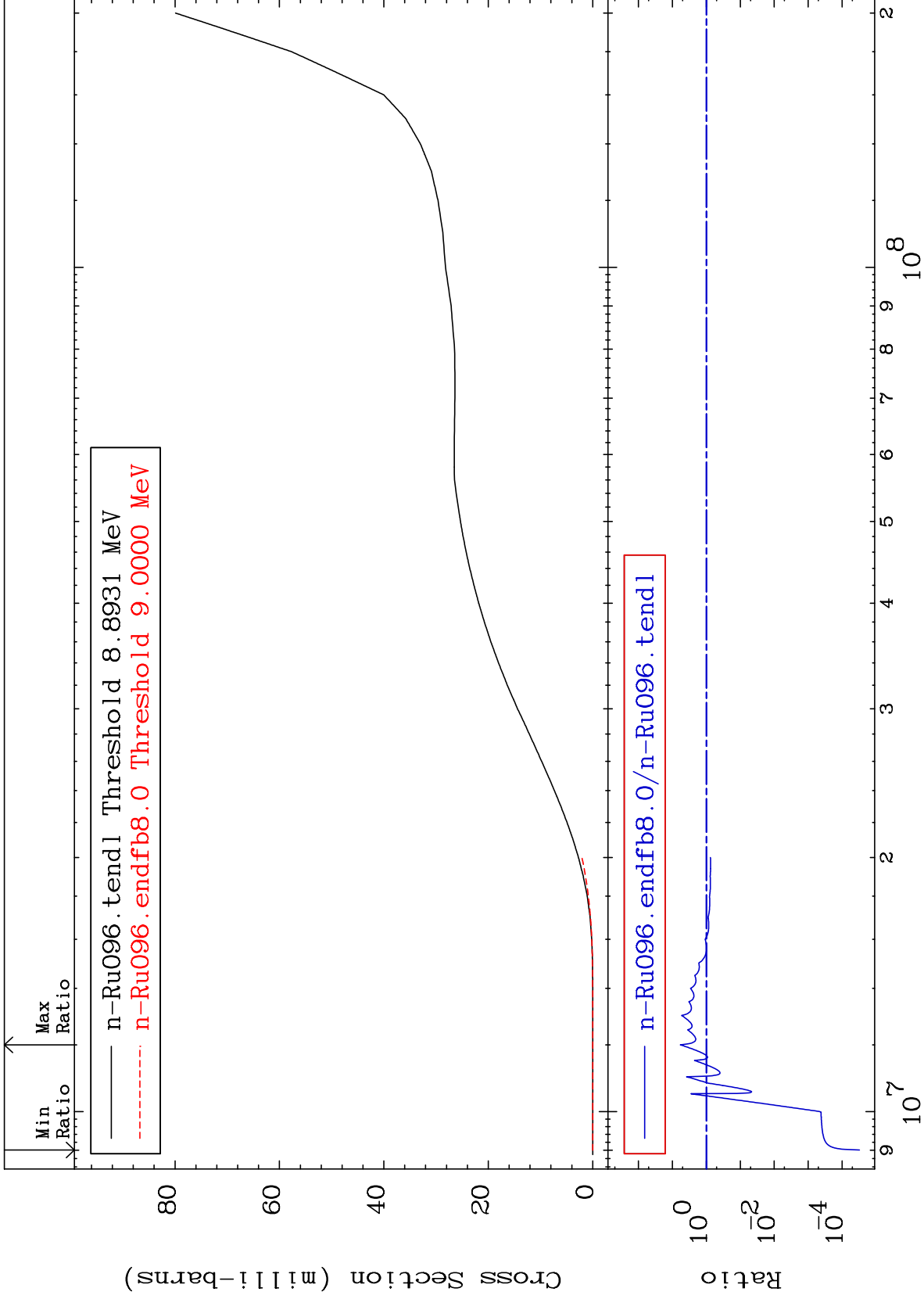
44-Ru-96
-94.28 To 3179. %

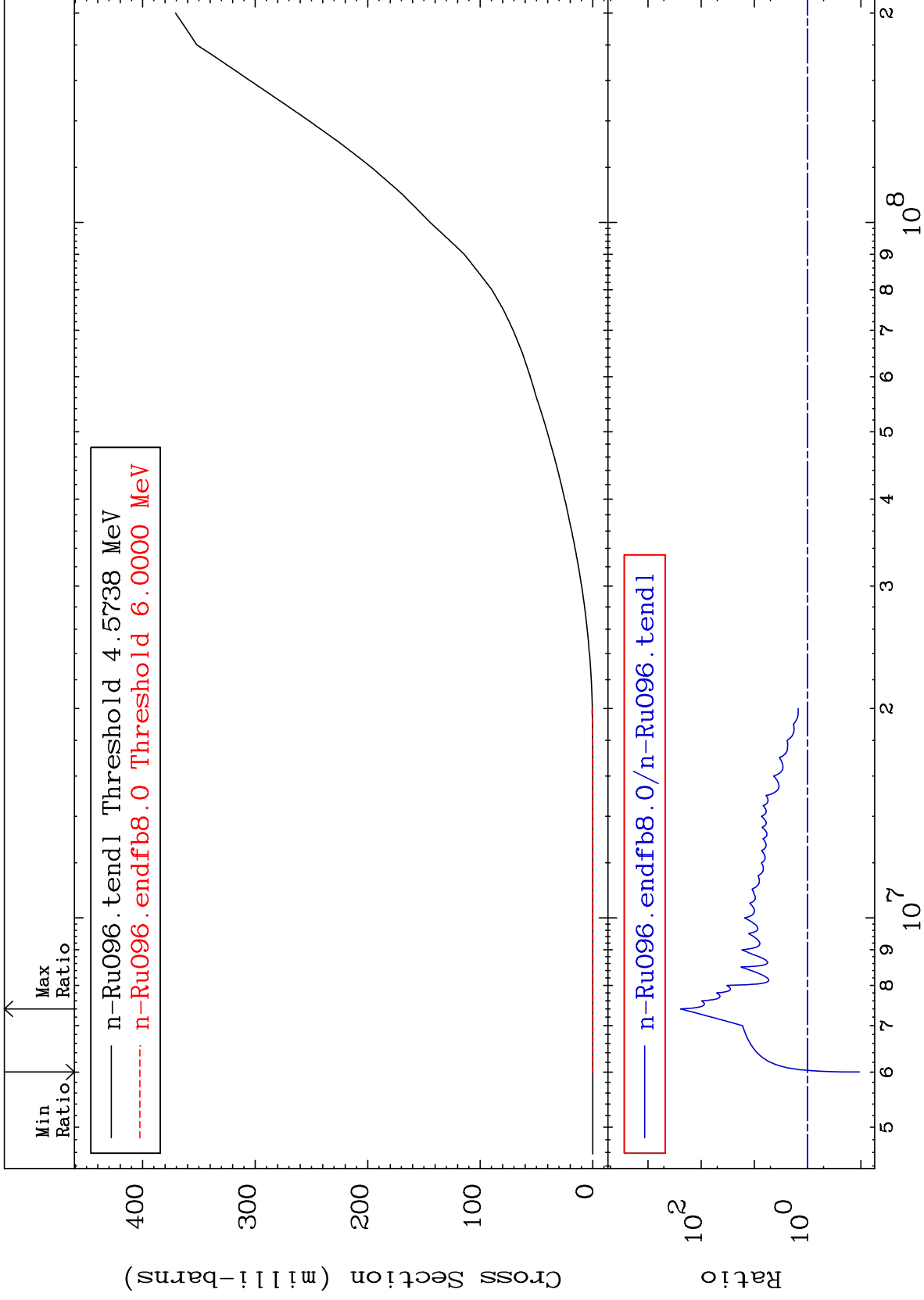


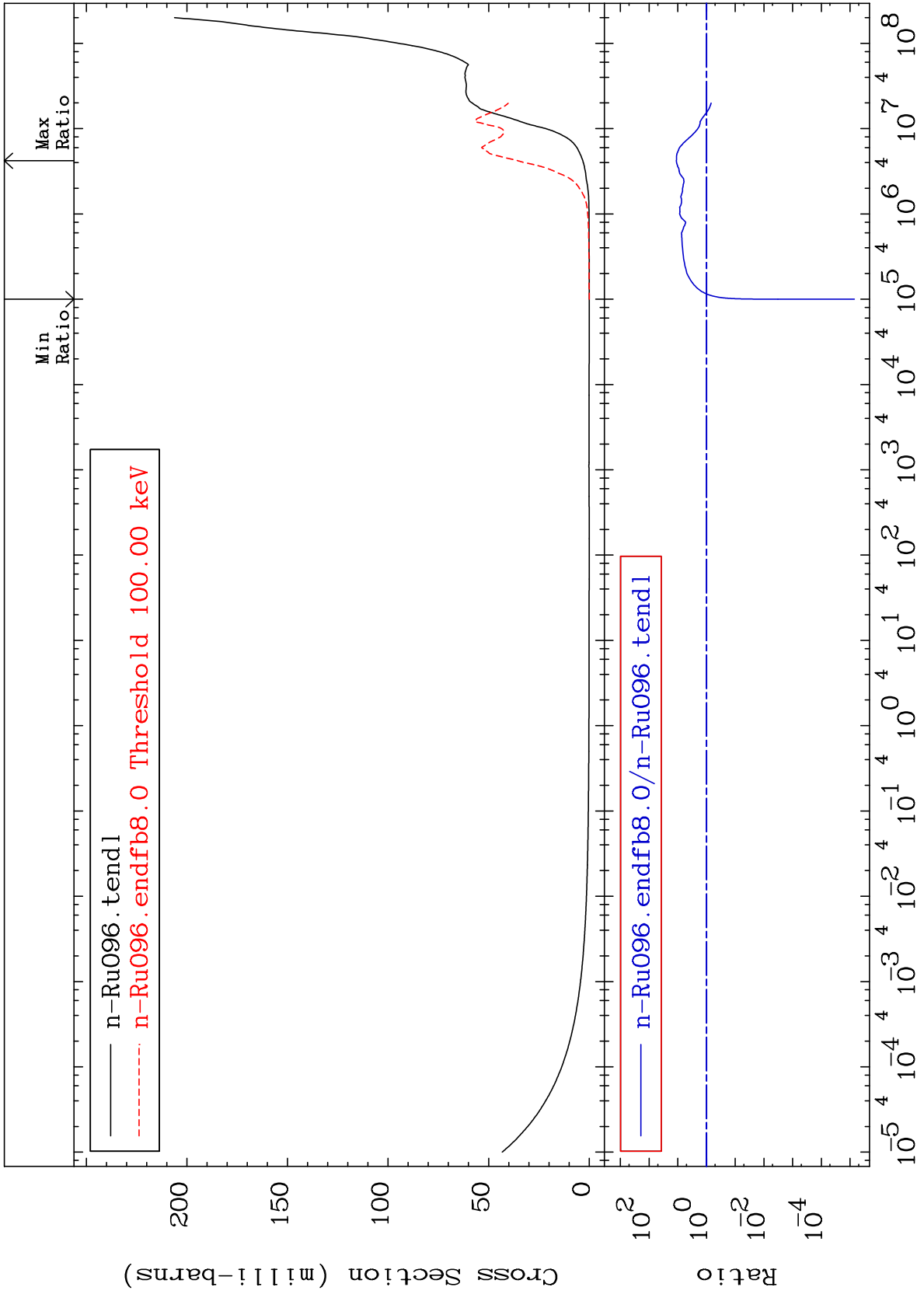
30

Incident Energy (eV)

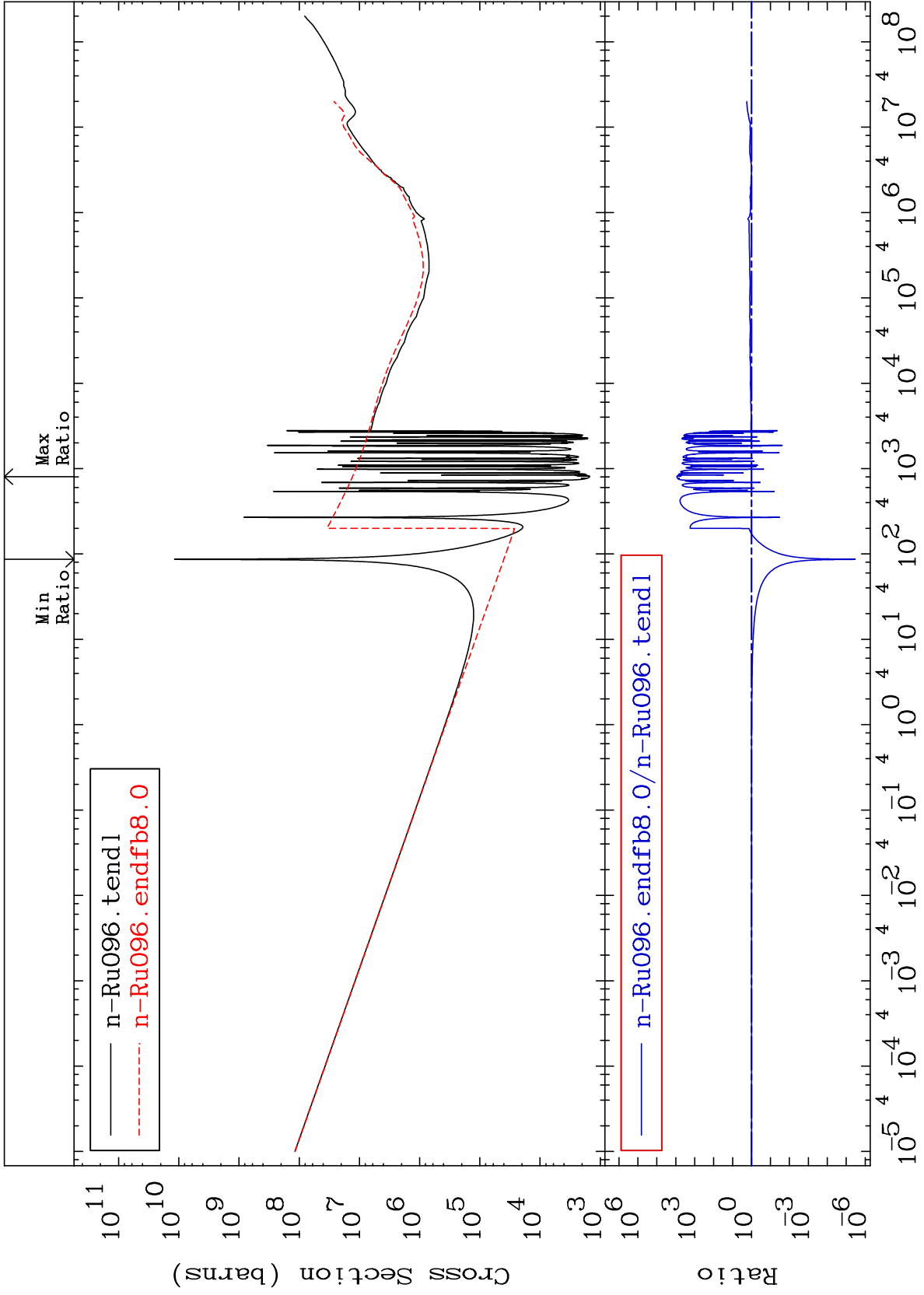
44-Ru-96

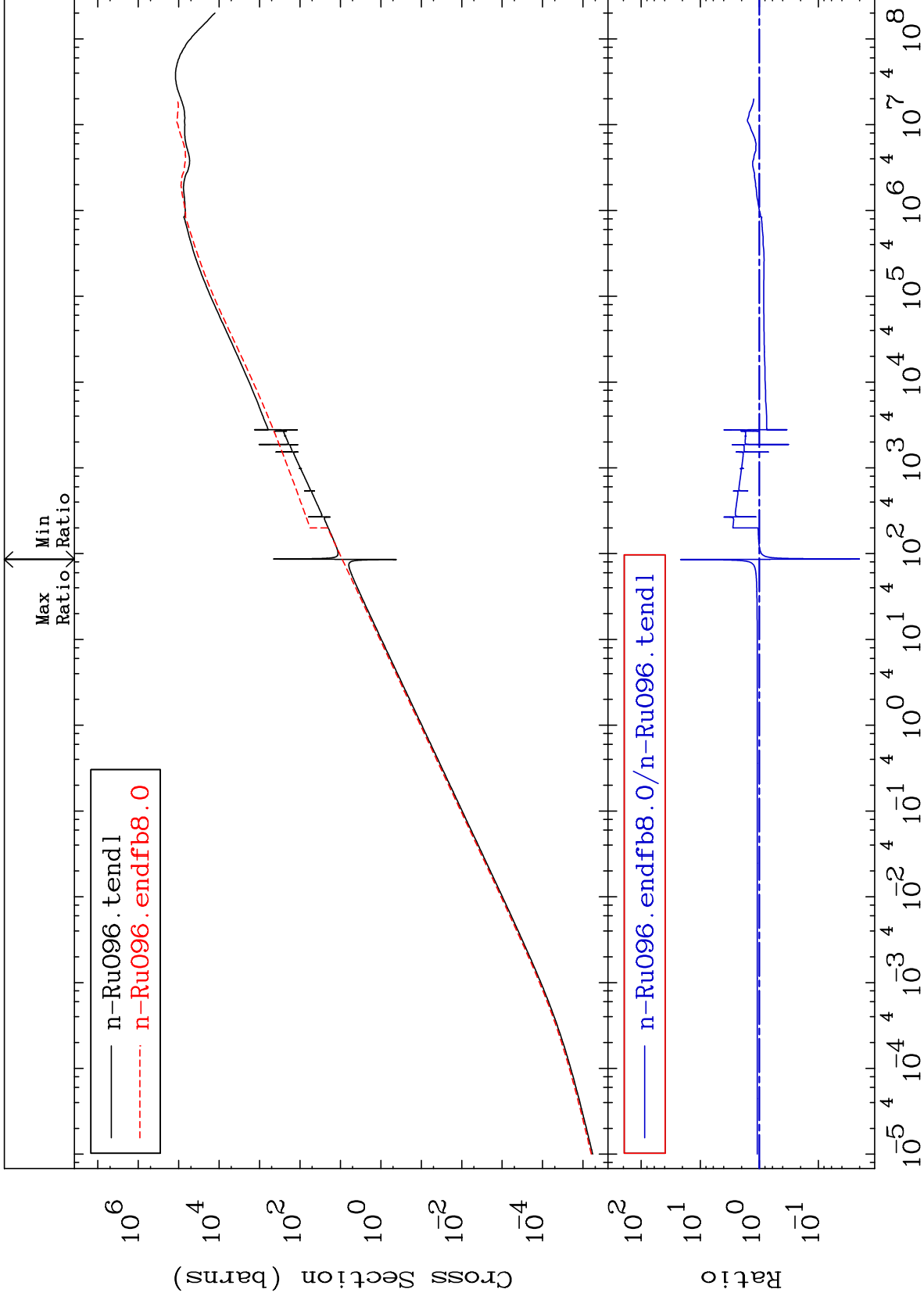


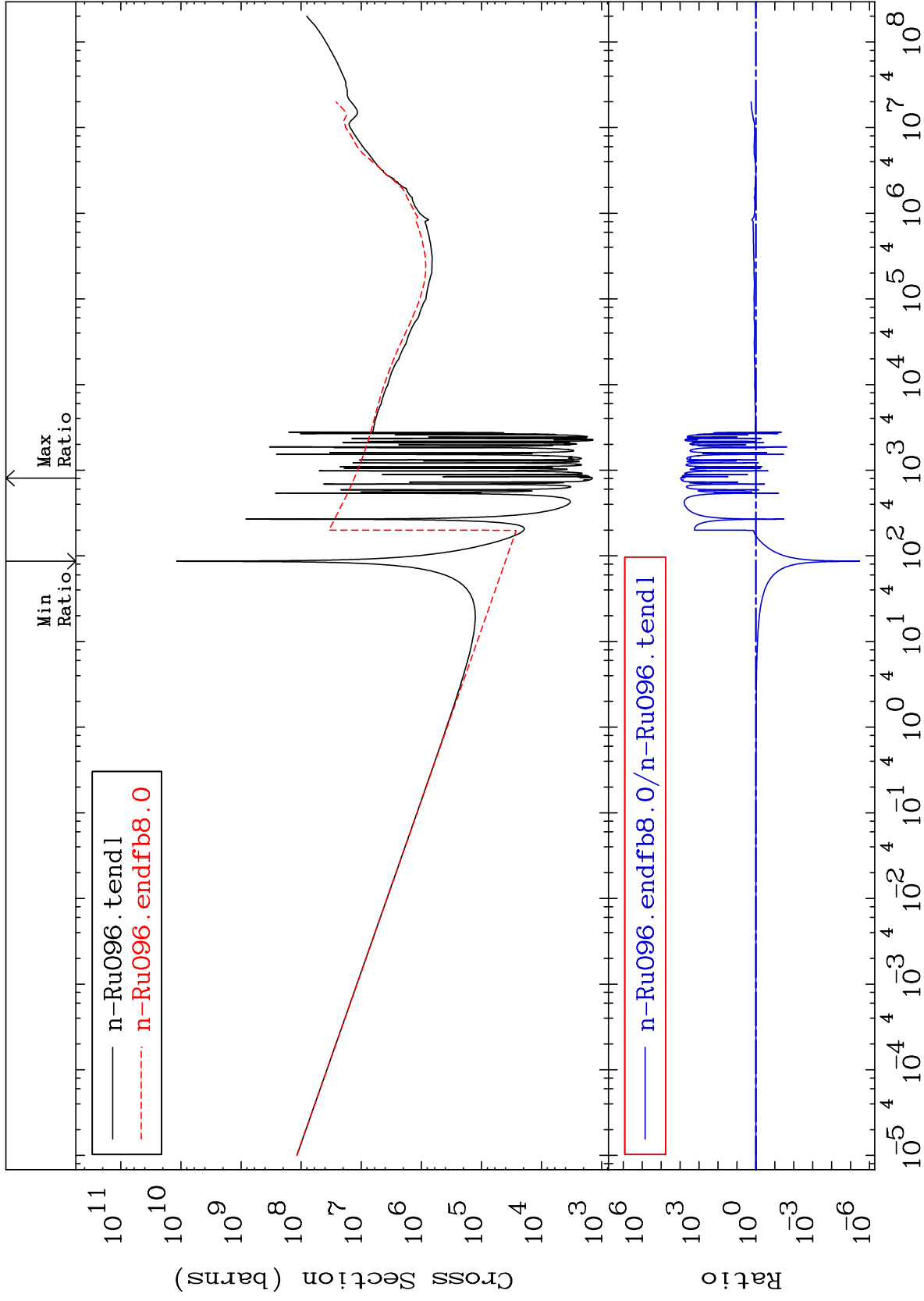


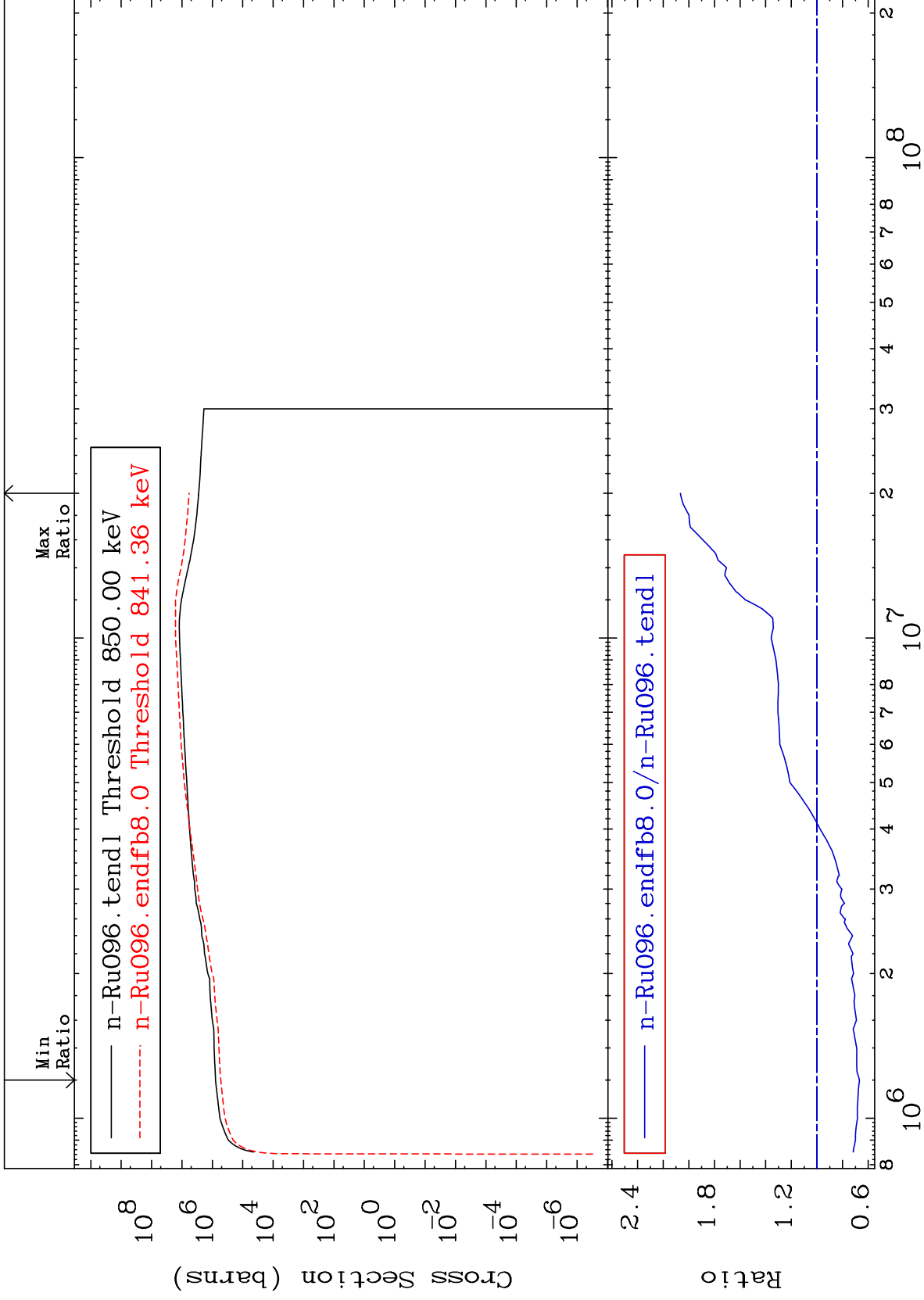


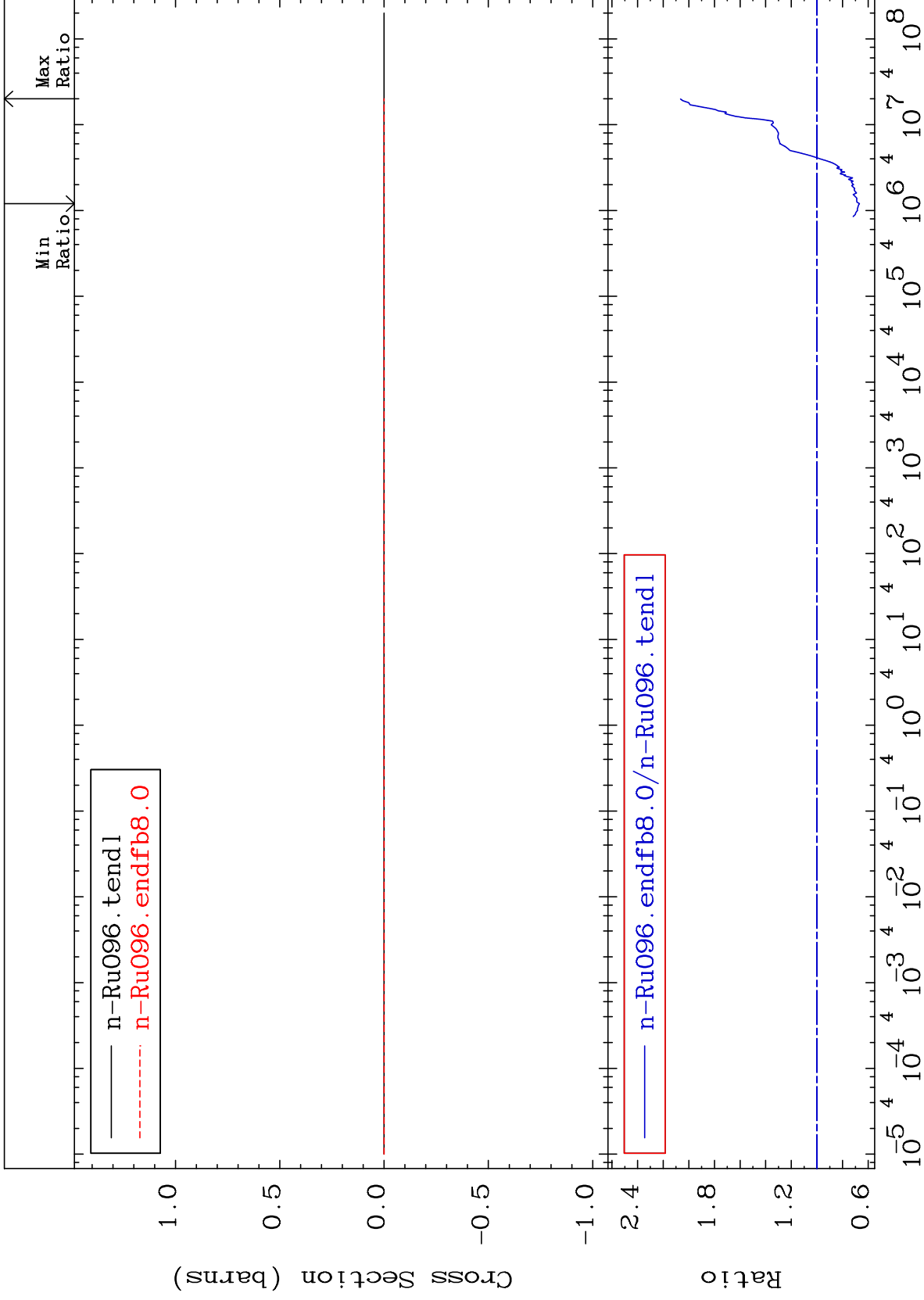
-100.0 To 9999. %

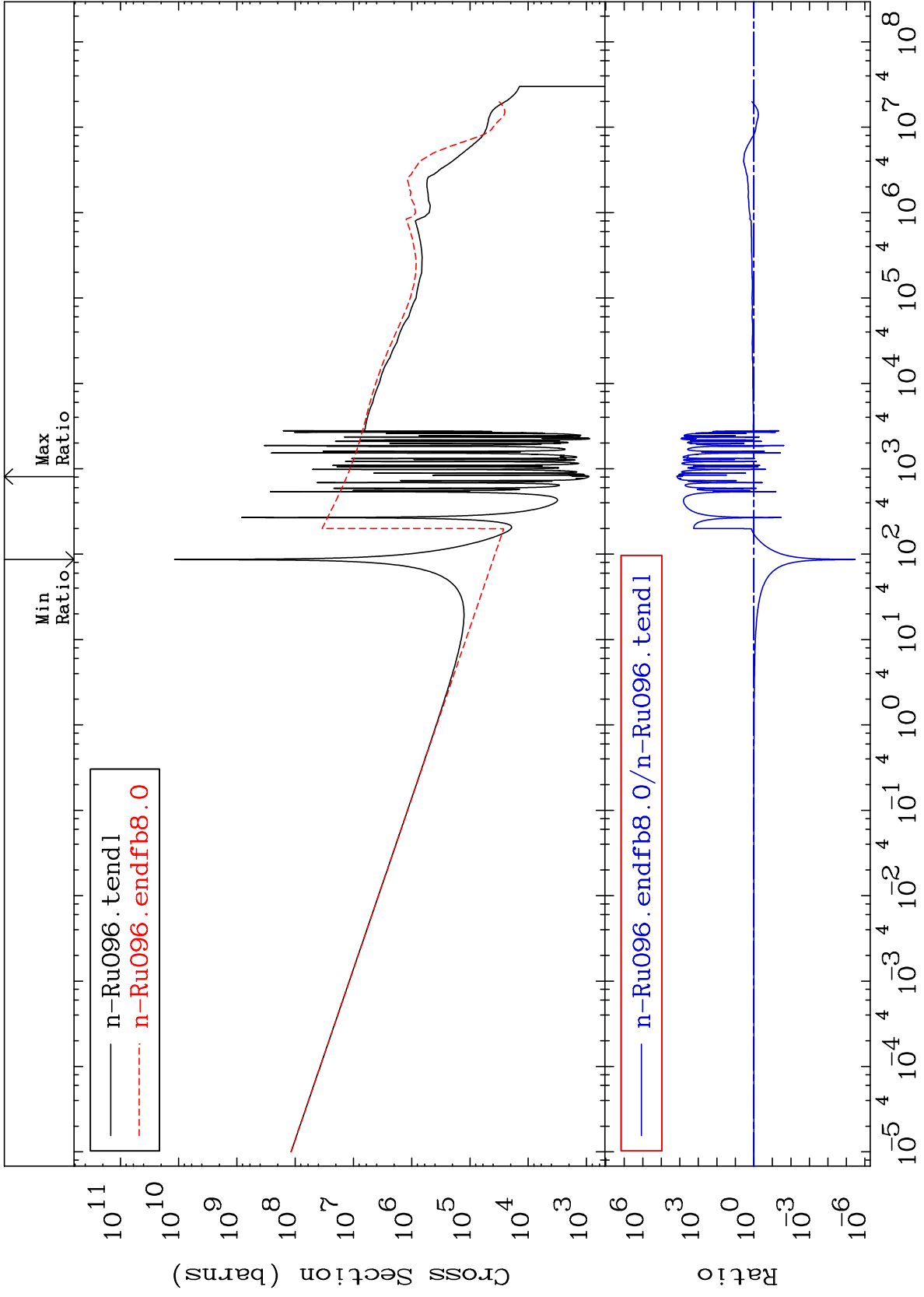


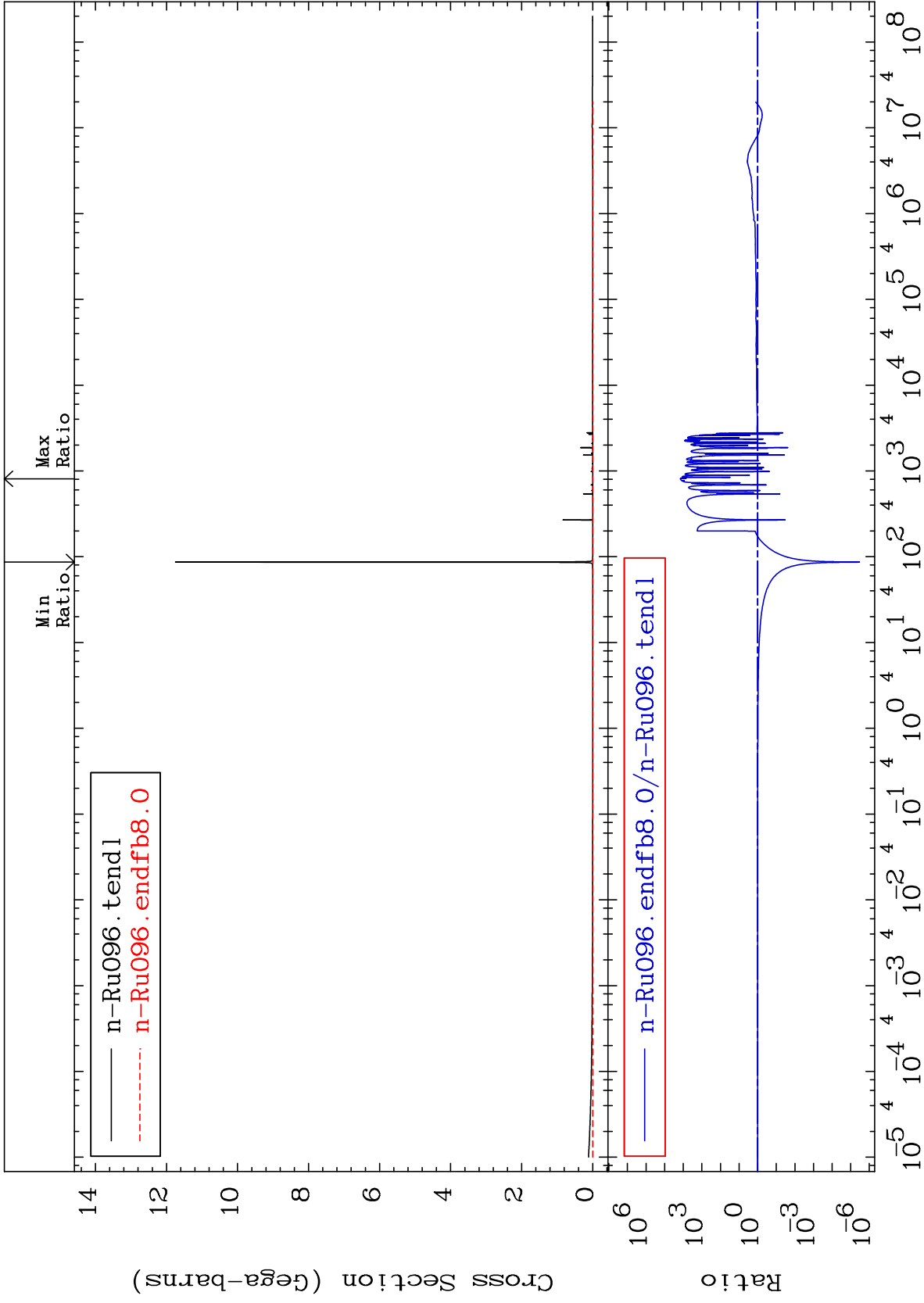






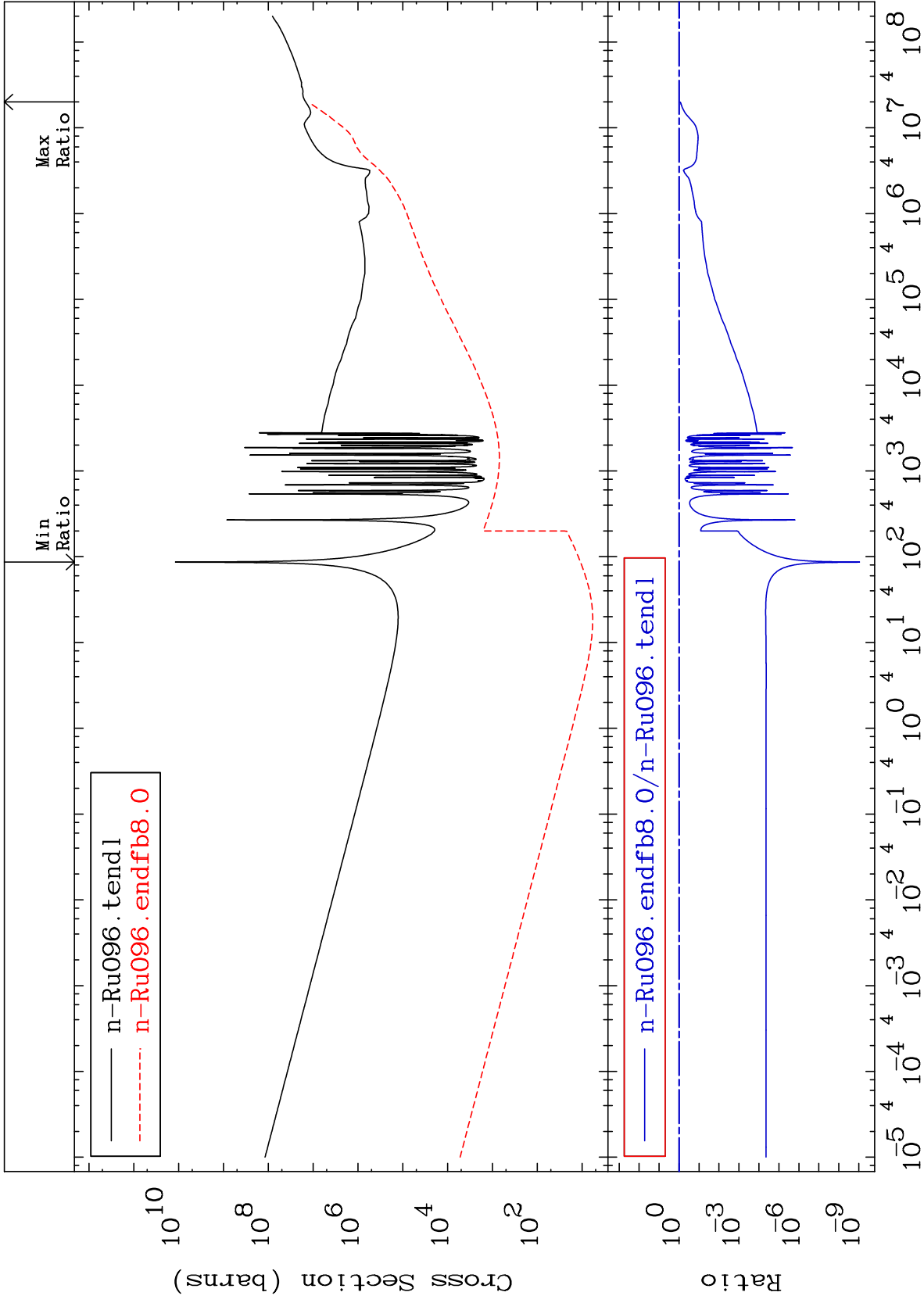






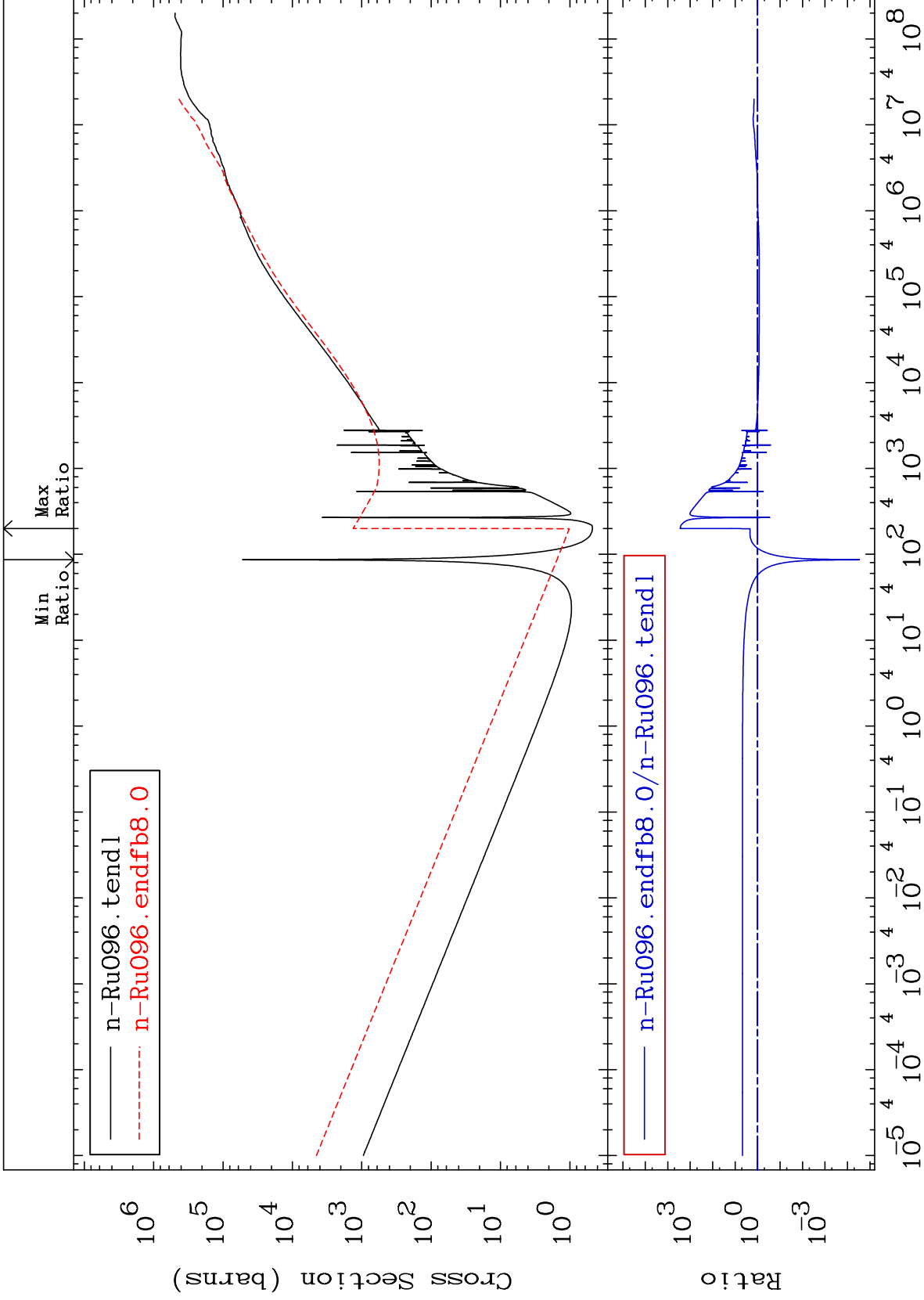
Cross Section

-100.0 To -13.96%



-100.0 To 9999. %

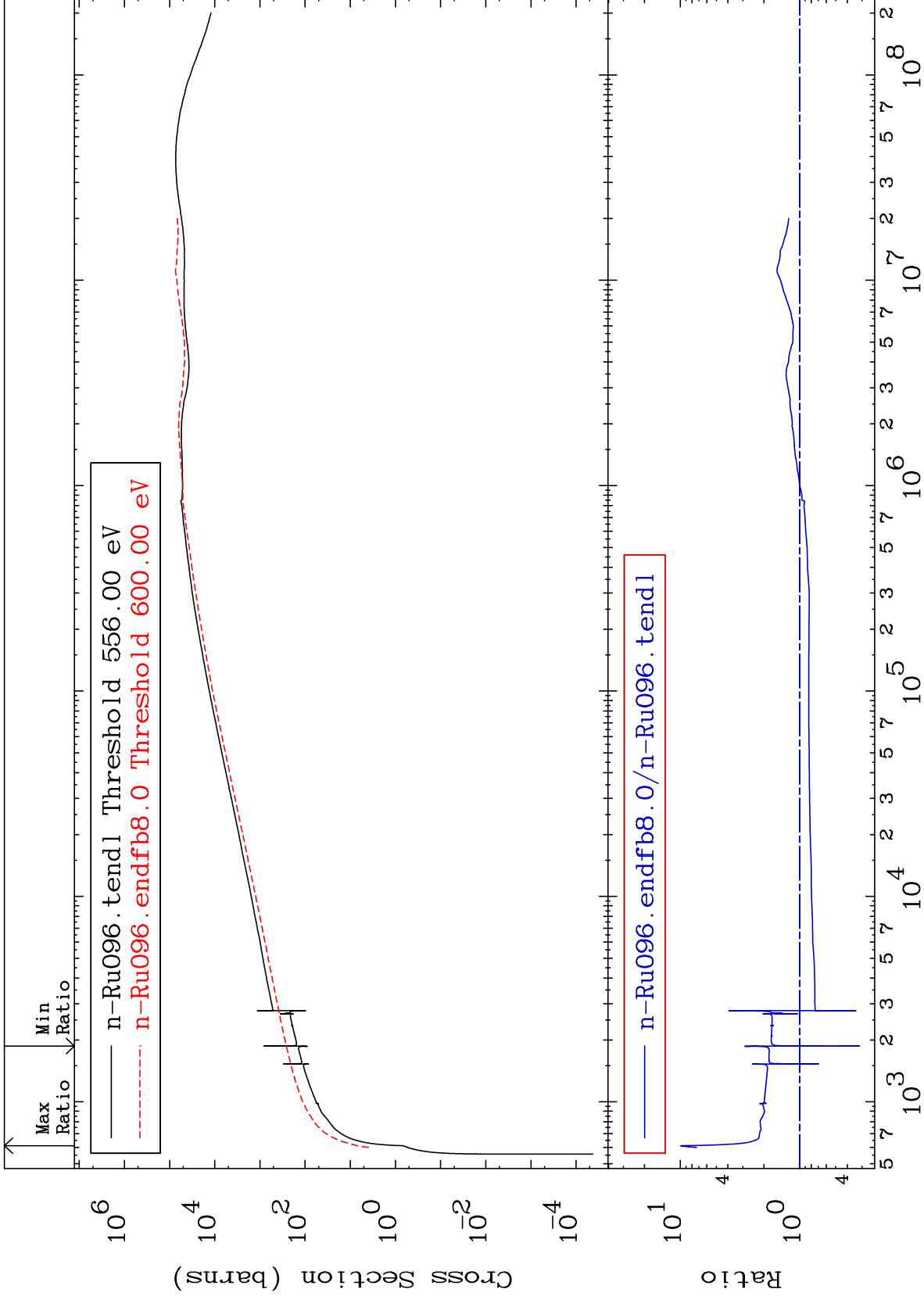
Cross Section



MAT 4425

Dpa elastic (mt2)
Cross Section

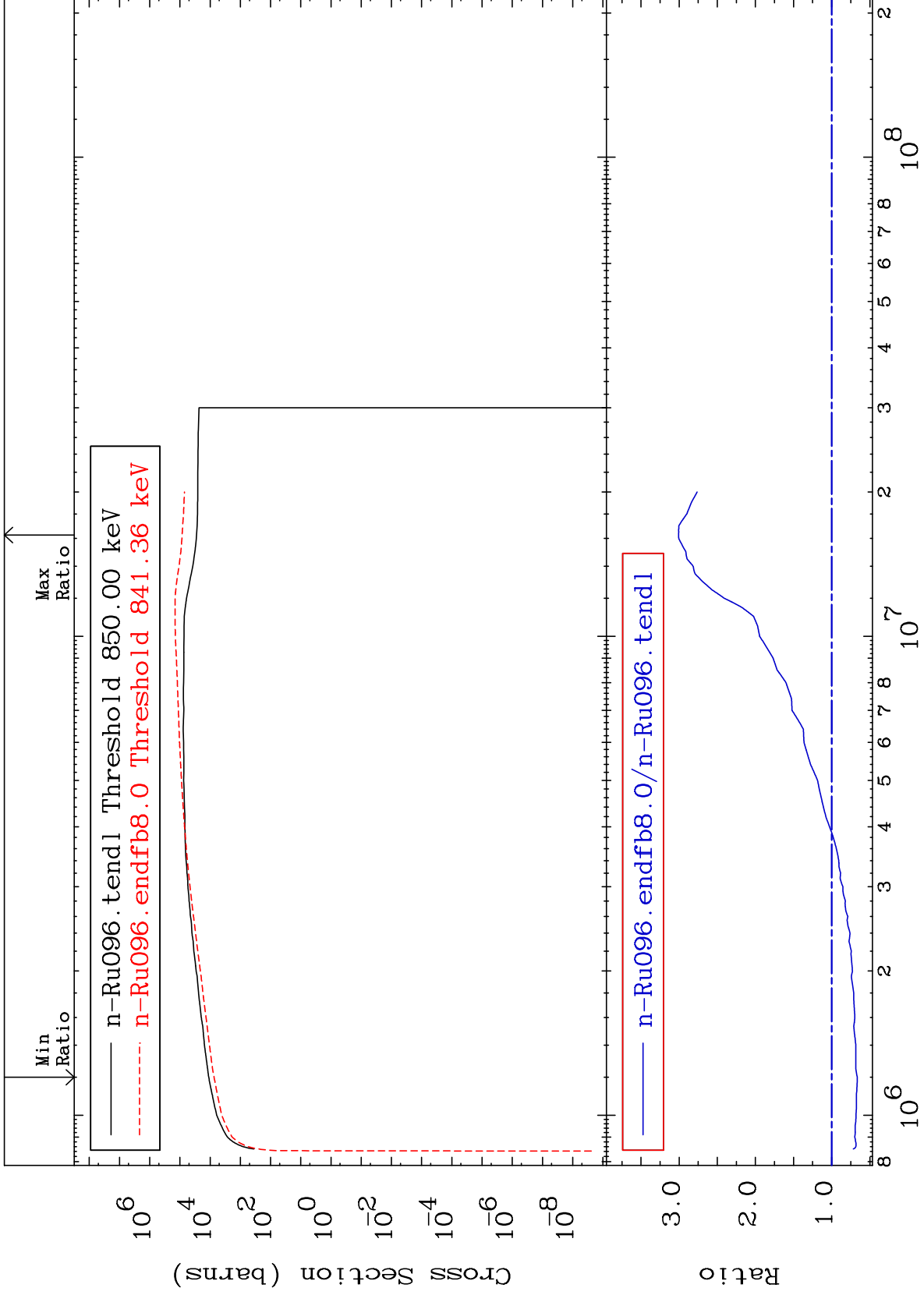
44-Ru-96
-68.35 To 900.9 %



MAT 4425

Dpa inelastic (mt51-91)
Cross Section

44-Ru-96
-33.49 To 200.7 %



44

Incident Energy (eV)

44-Ru-96

