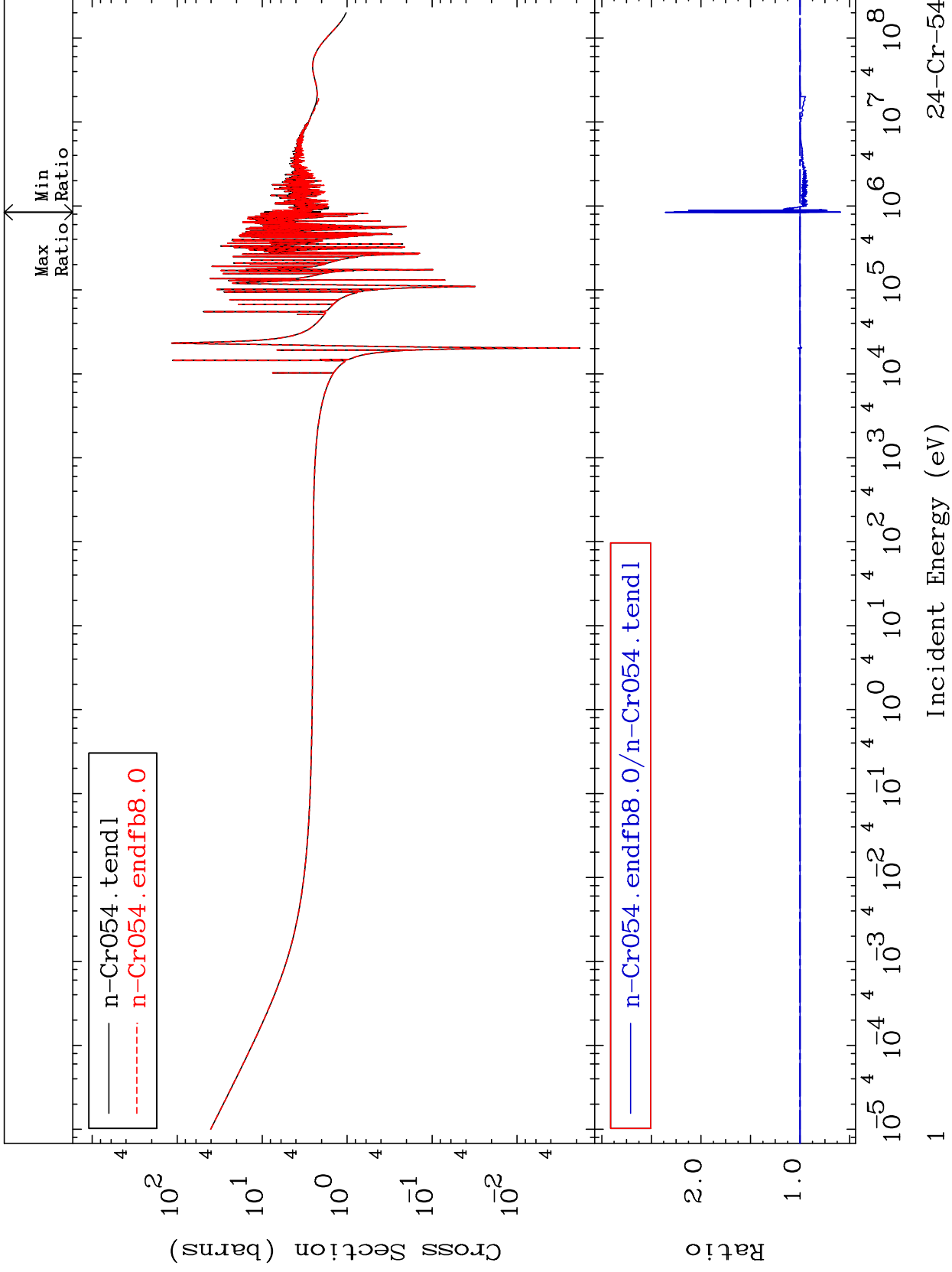


MAT 2437

Total
Cross Section

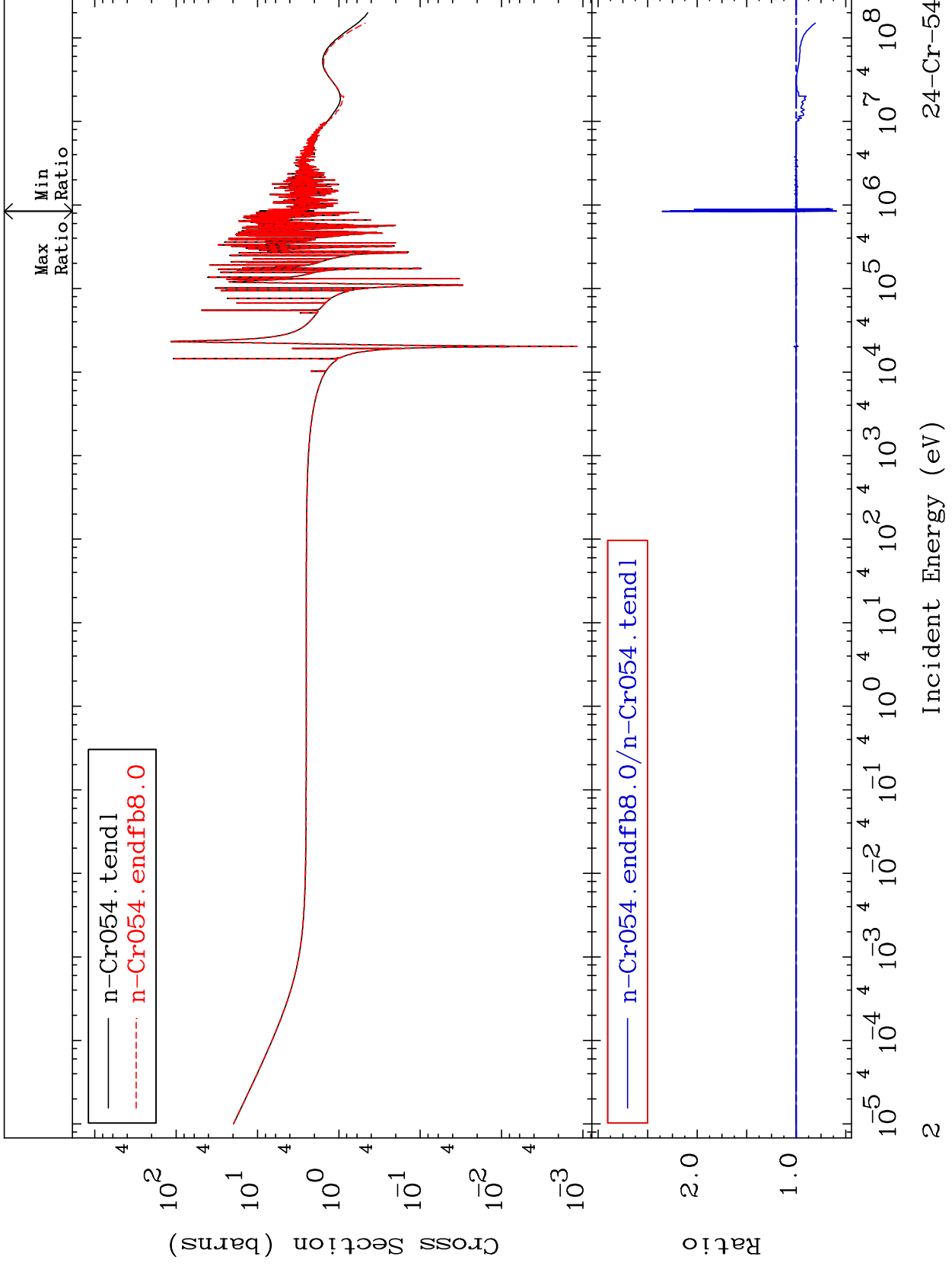
24-Cr-54
-40.92 To 135.7 %



MAT 2437

Elastic
Cross Section

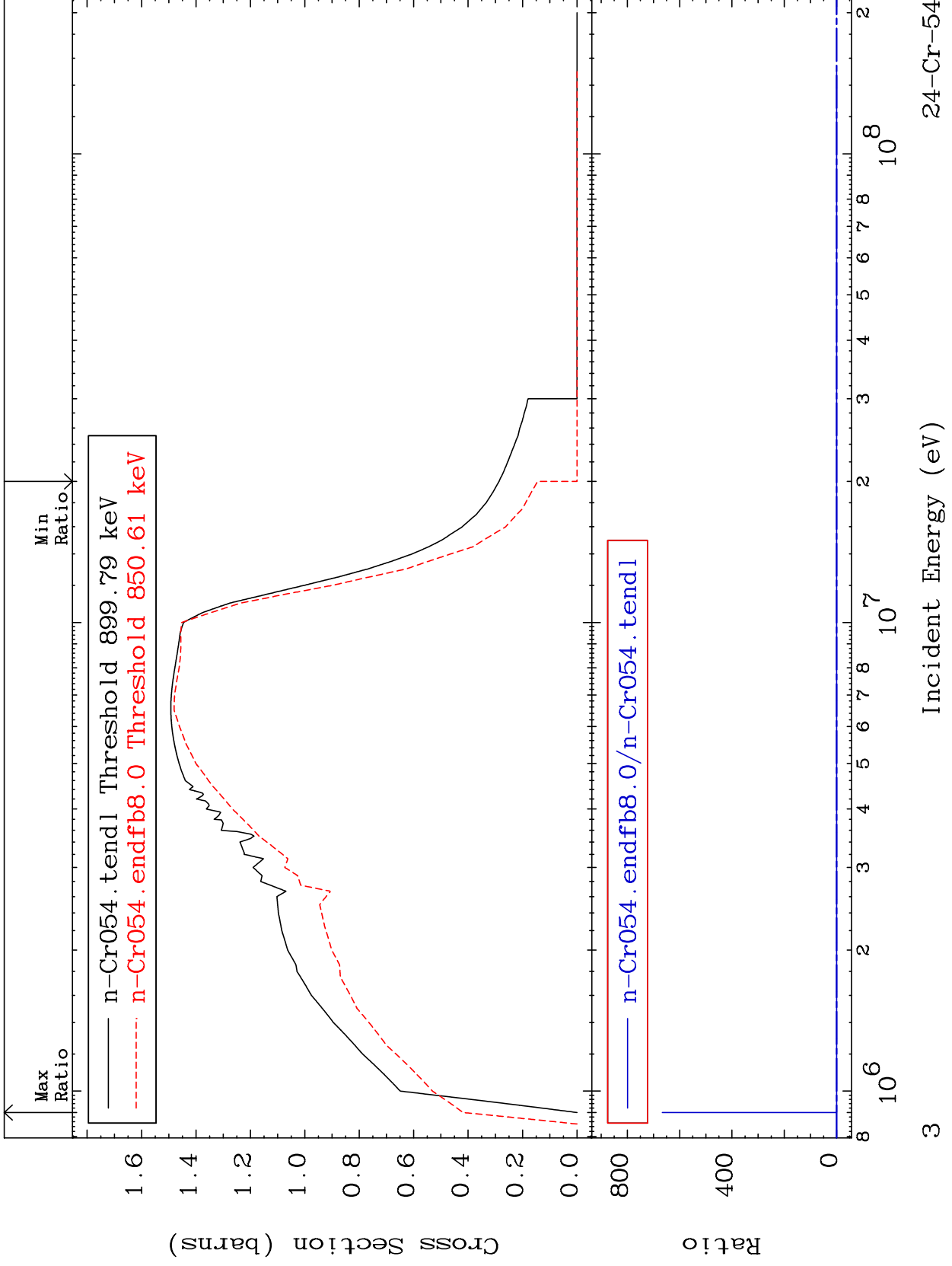
24-Cr-54
-40.86 To 135.2 %



MAT 2437

Inelastic
Cross Section

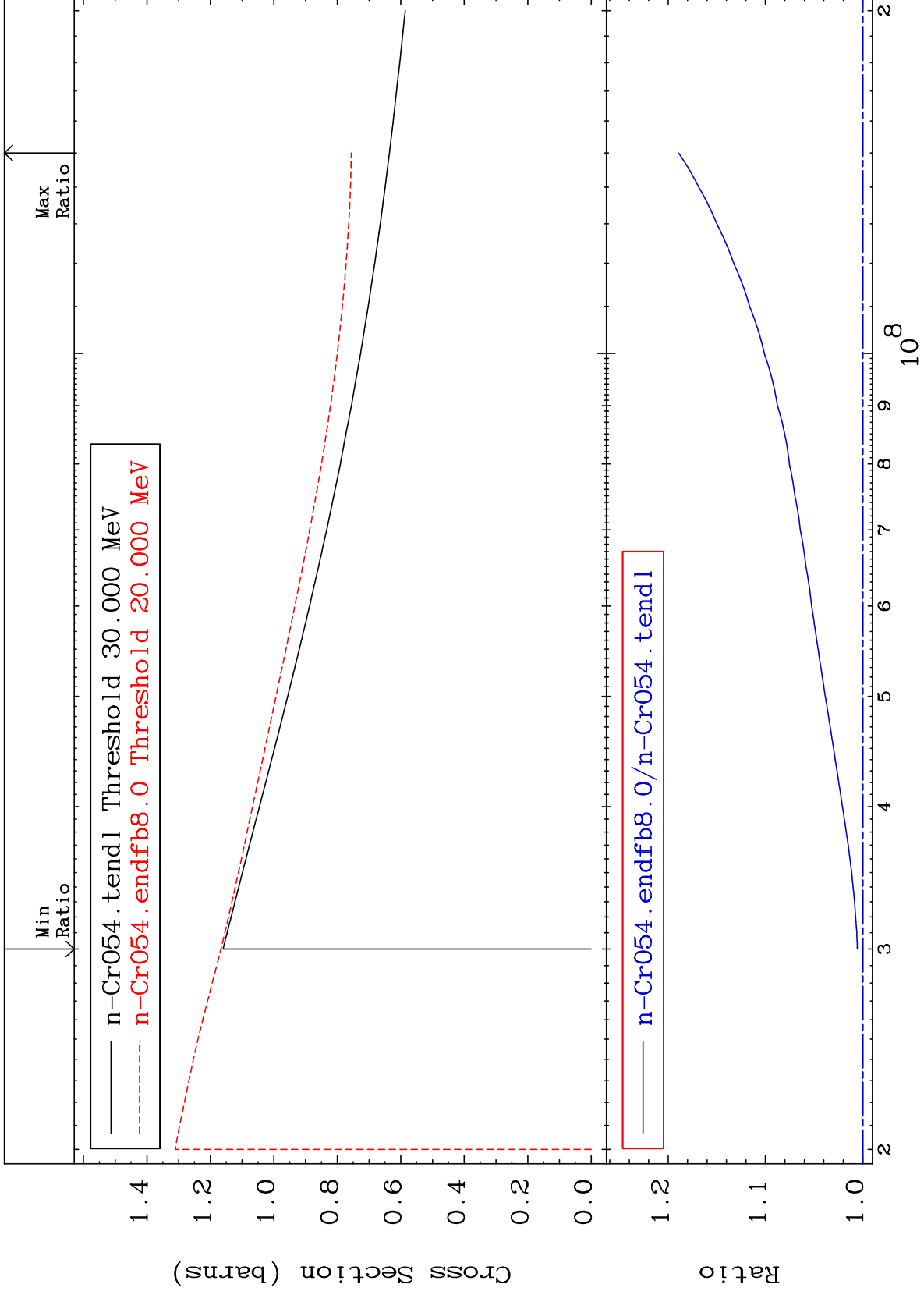
24-Cr-54
-100.0 To 9999. %



MAT 2437

(n, remainder)
Cross Section

24-Cr-54
To 18.92 %
0.562



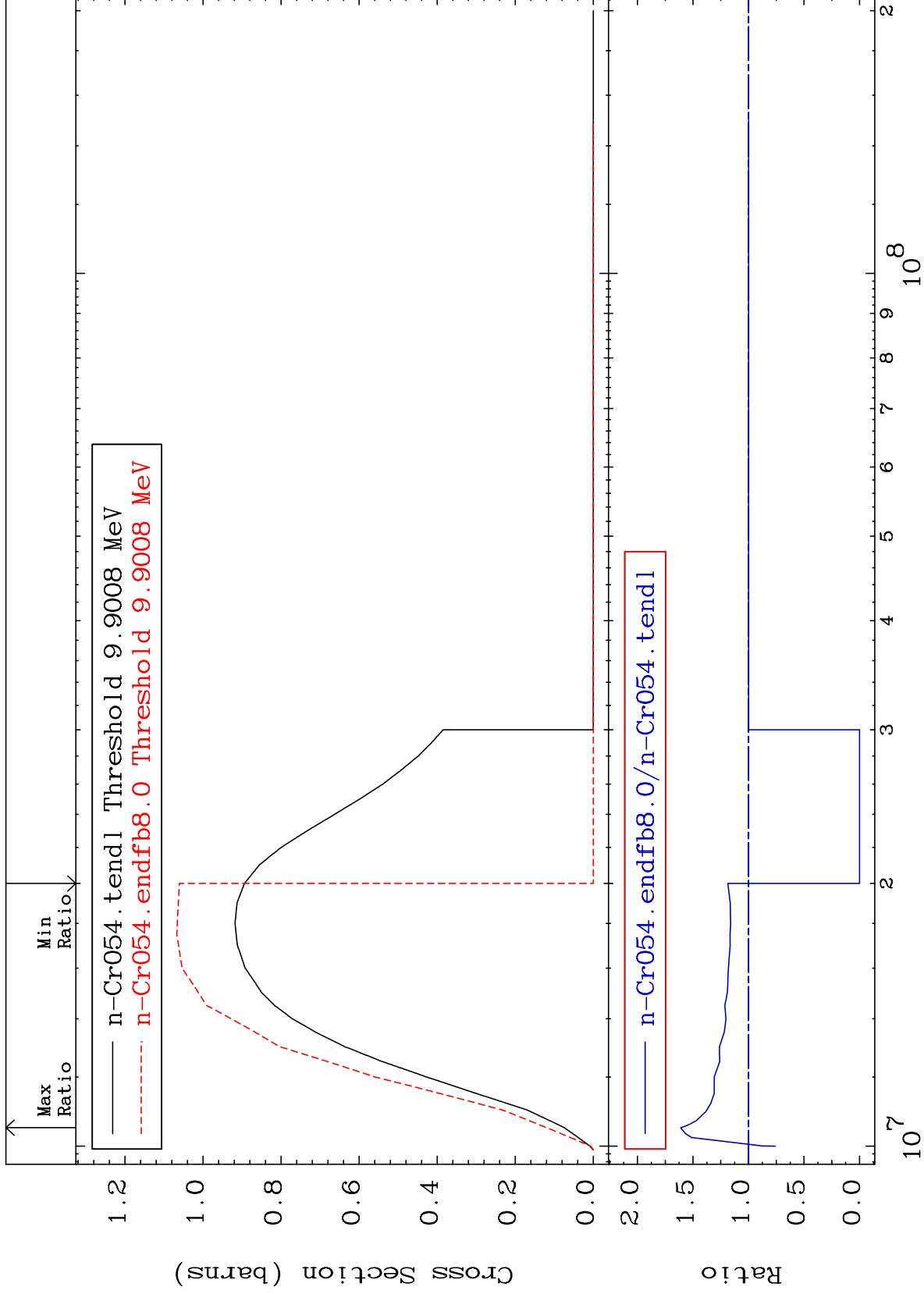
MAT 2437

(n,2n)

²⁴Cr-54

Cross Section

-100.0 To 61.02 %



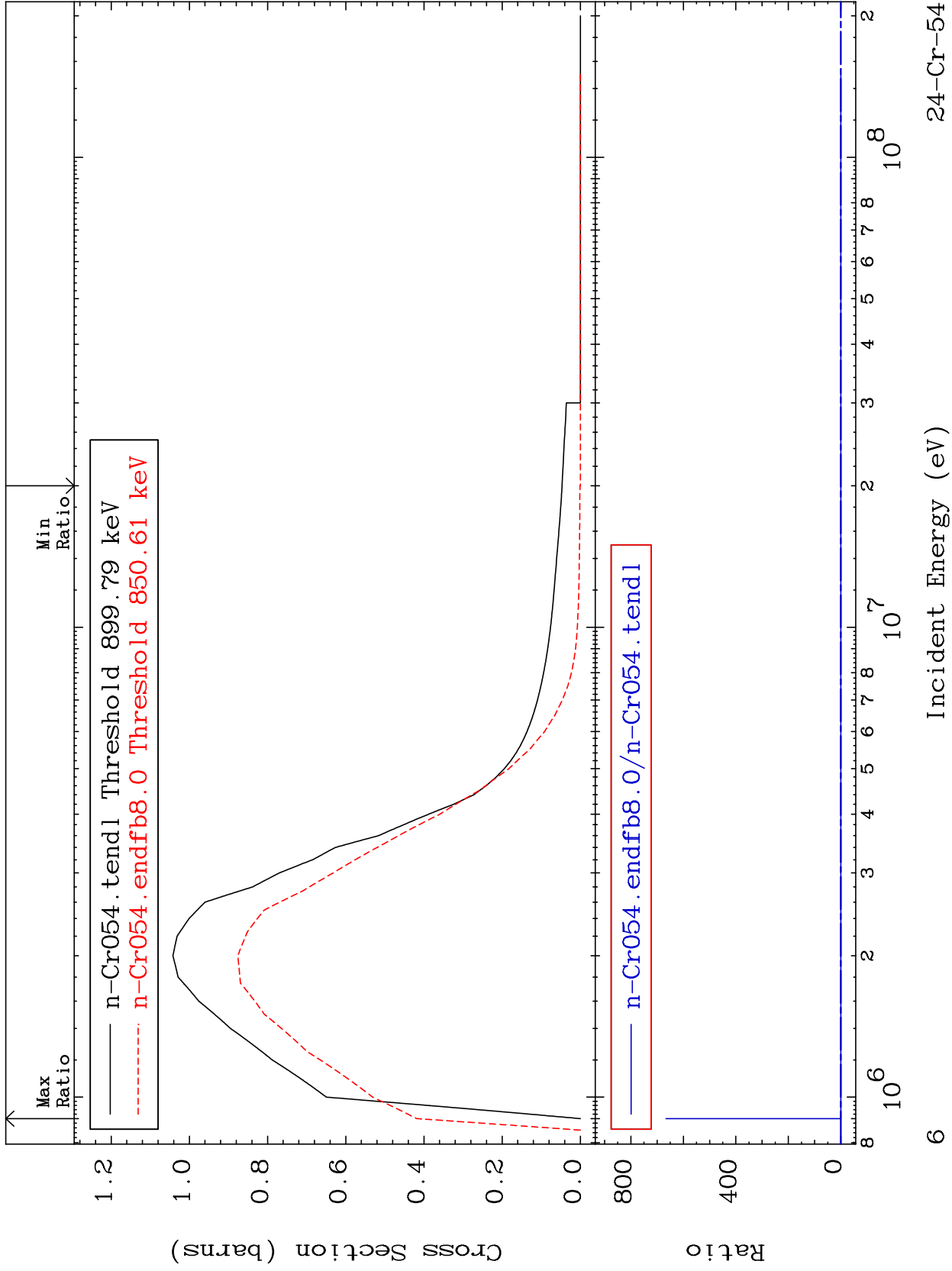
Incident Energy (eV)

²⁴Cr-54

MAT 2437

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

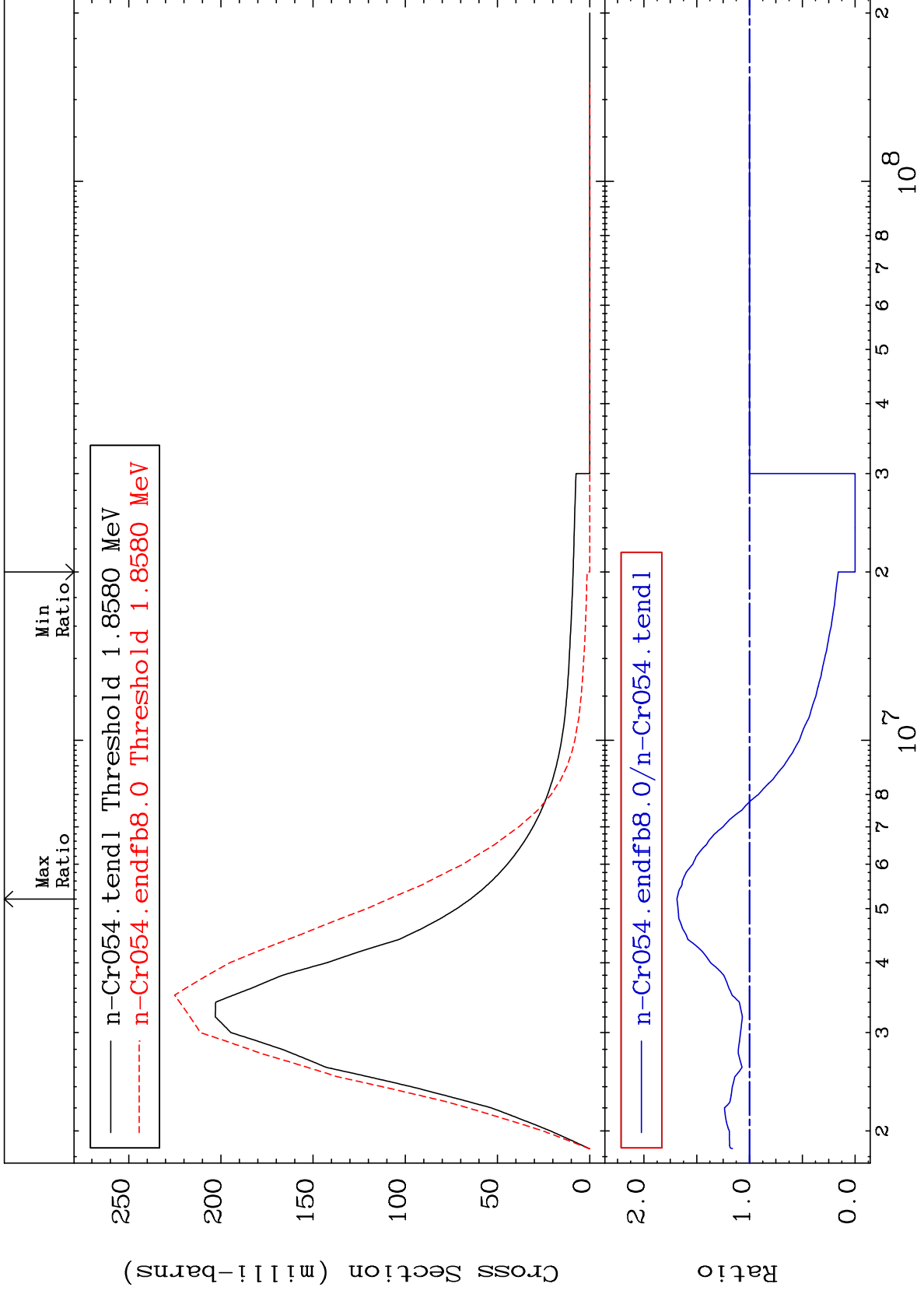
24-Cr-54
-100.0 To 9999. %



MAT 2437

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

24-Cr-54
-100.0 To 68.73 %



7

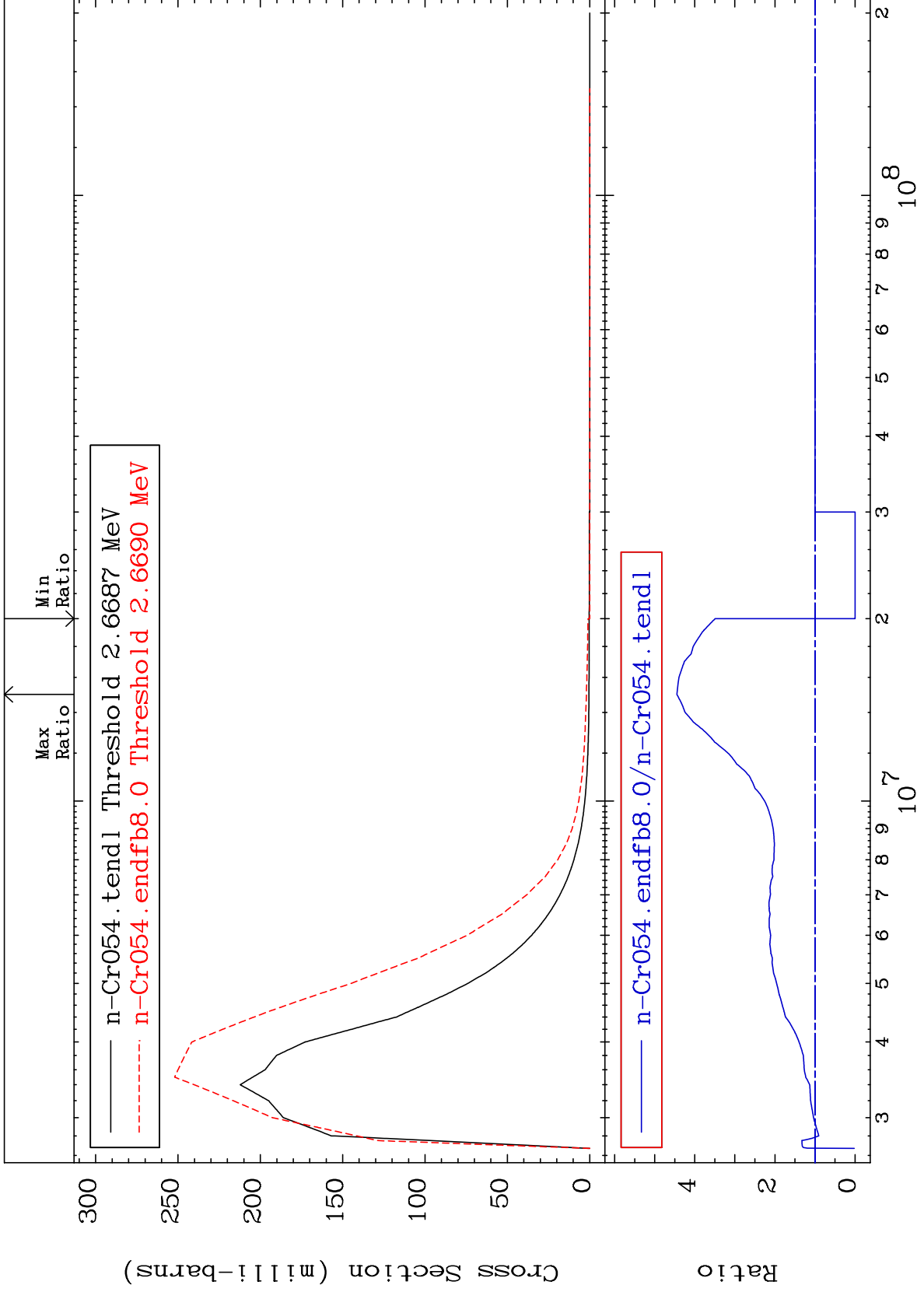
Incident Energy (eV)

24-Cr-54

MAT 2437

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

²⁴Cr-54
-100.0 To 344.6 %



8

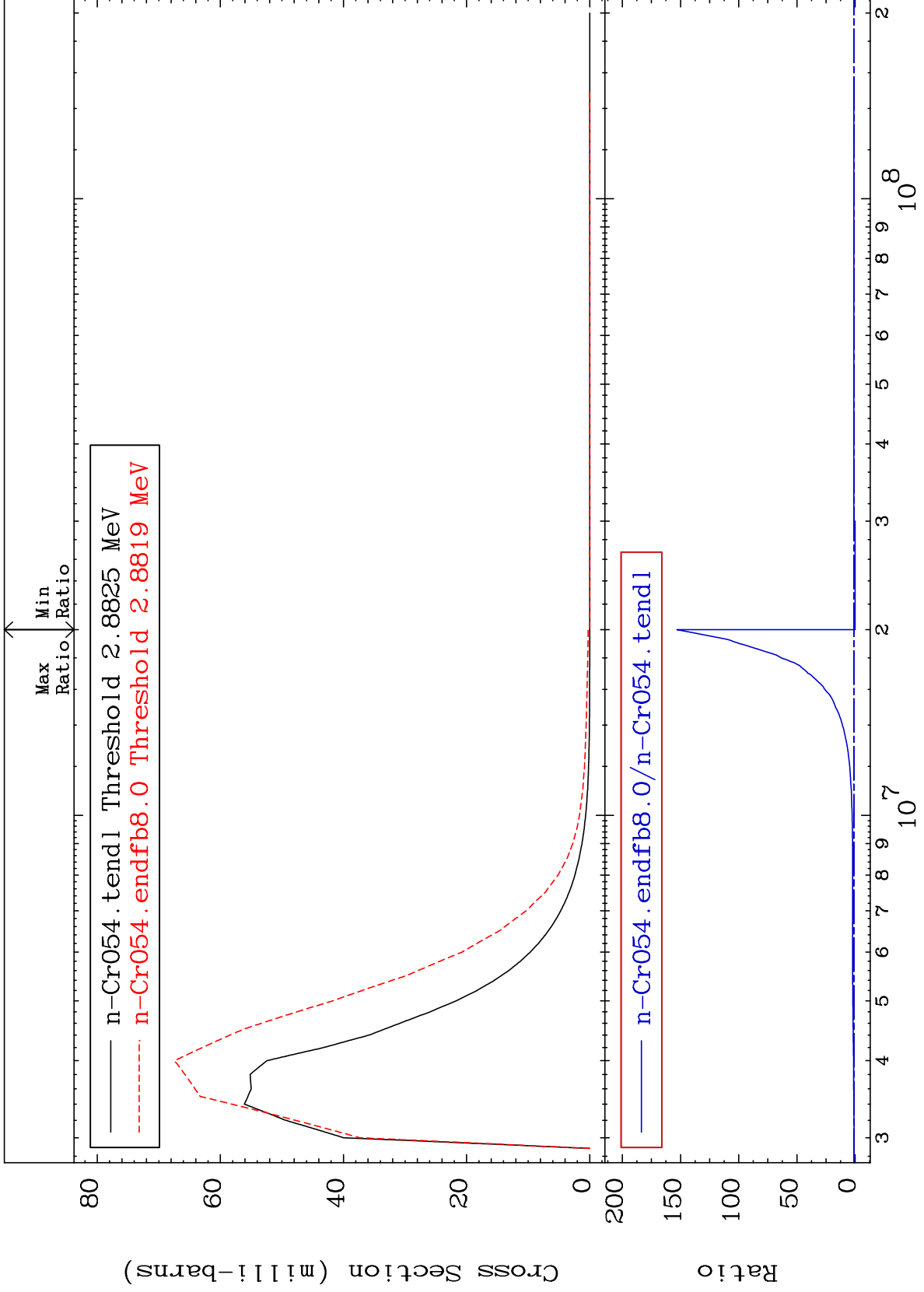
Incident Energy (eV)

²⁴Cr-54

MAT 2437

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

24-Cr-54
-100.0 To 9999. %

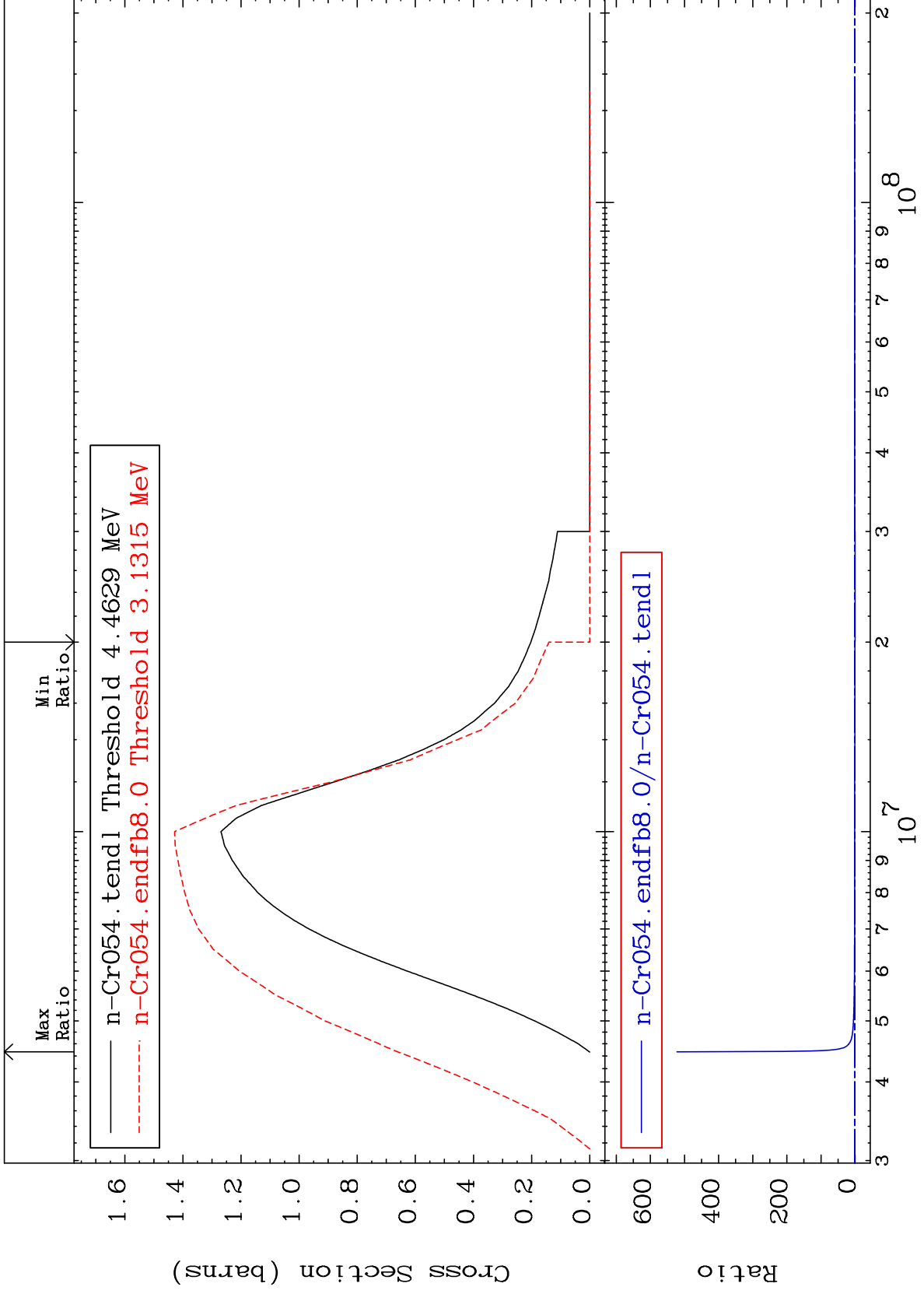


9

MAT 2437

(n, n') Continuum
Cross Section

24-Cr-54
-100.0 To 9999. %



10

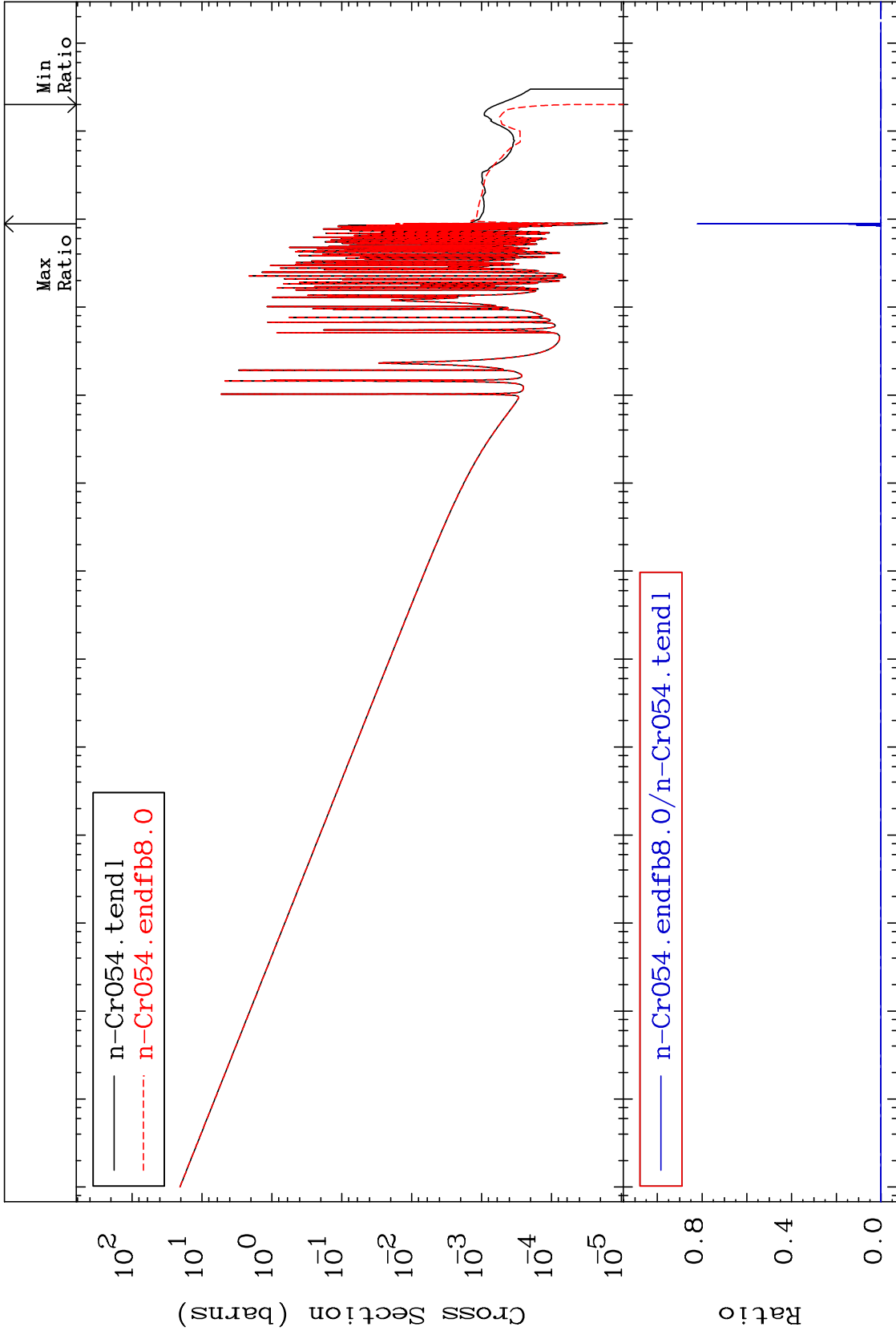
24-Cr-54

24-Cr-54

MAT 2437

(n, γ)
Cross Section

24-Cr-54
-100.0 To 9999. %



Incident Energy (eV)

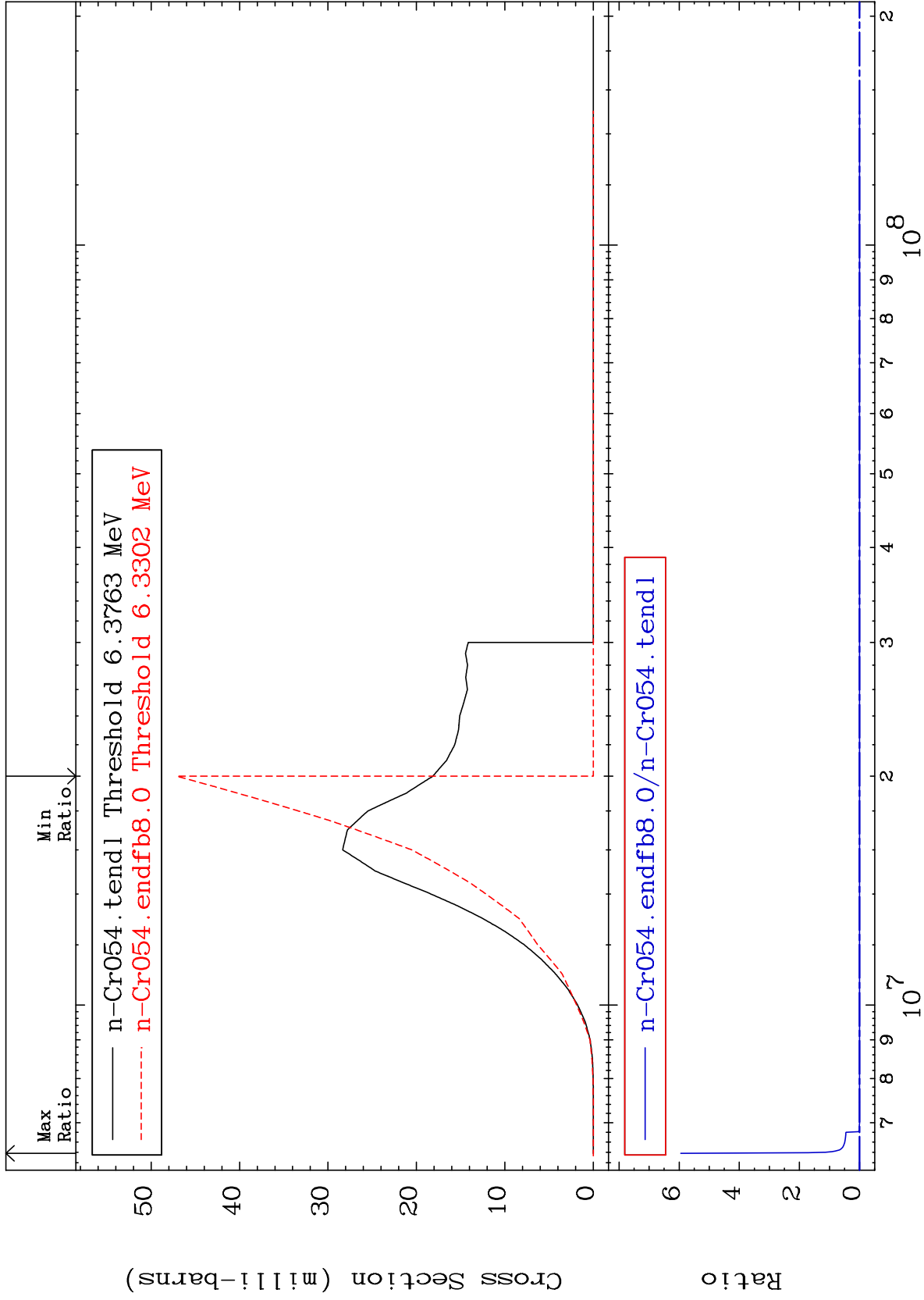
11

24-Cr-54

MAT 2437

(n,p)
Cross Section

²⁴Cr-54
-100.0 To 9999. %



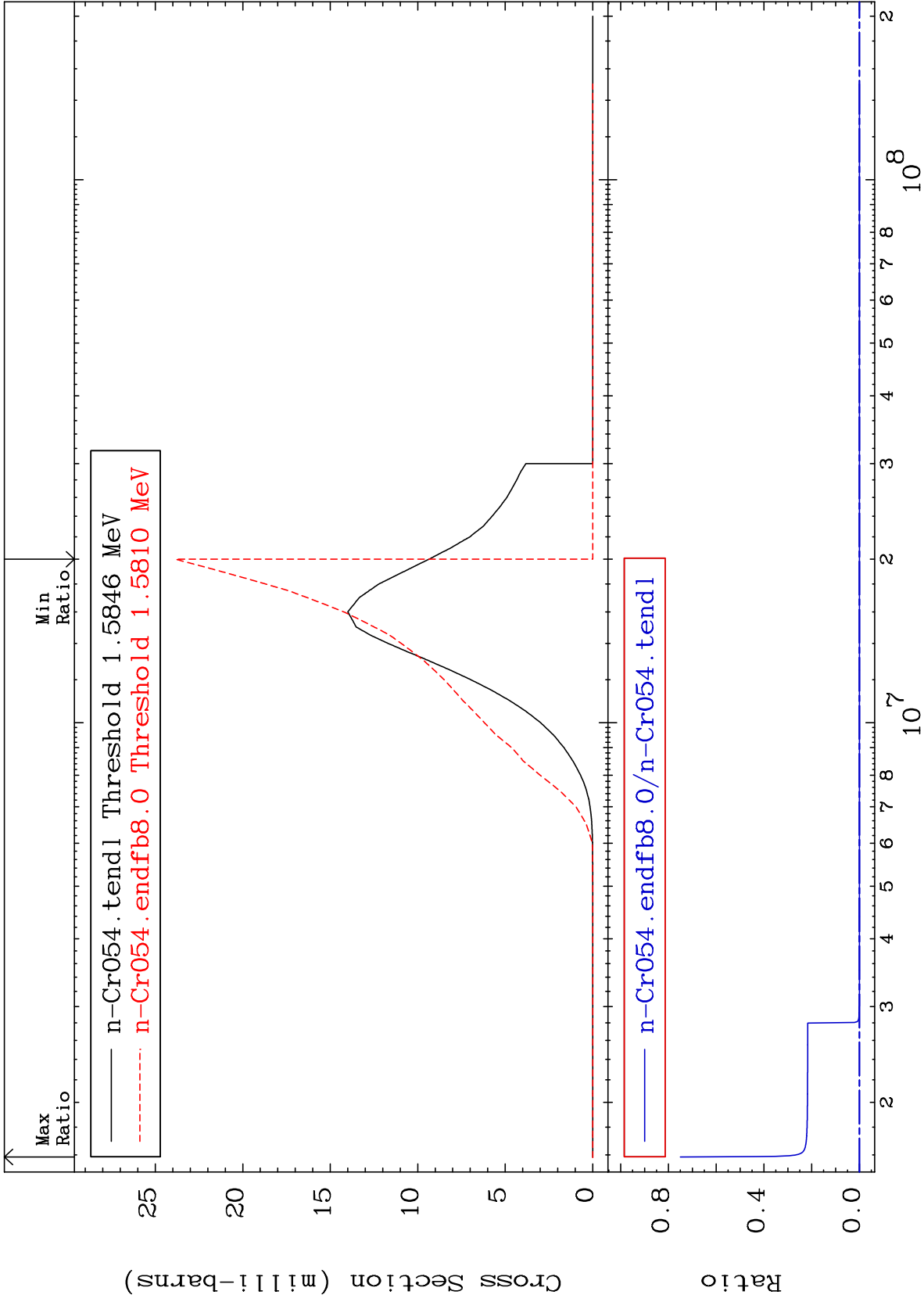
12

Incident Energy (eV)

²⁴Cr-54

MAT 2437

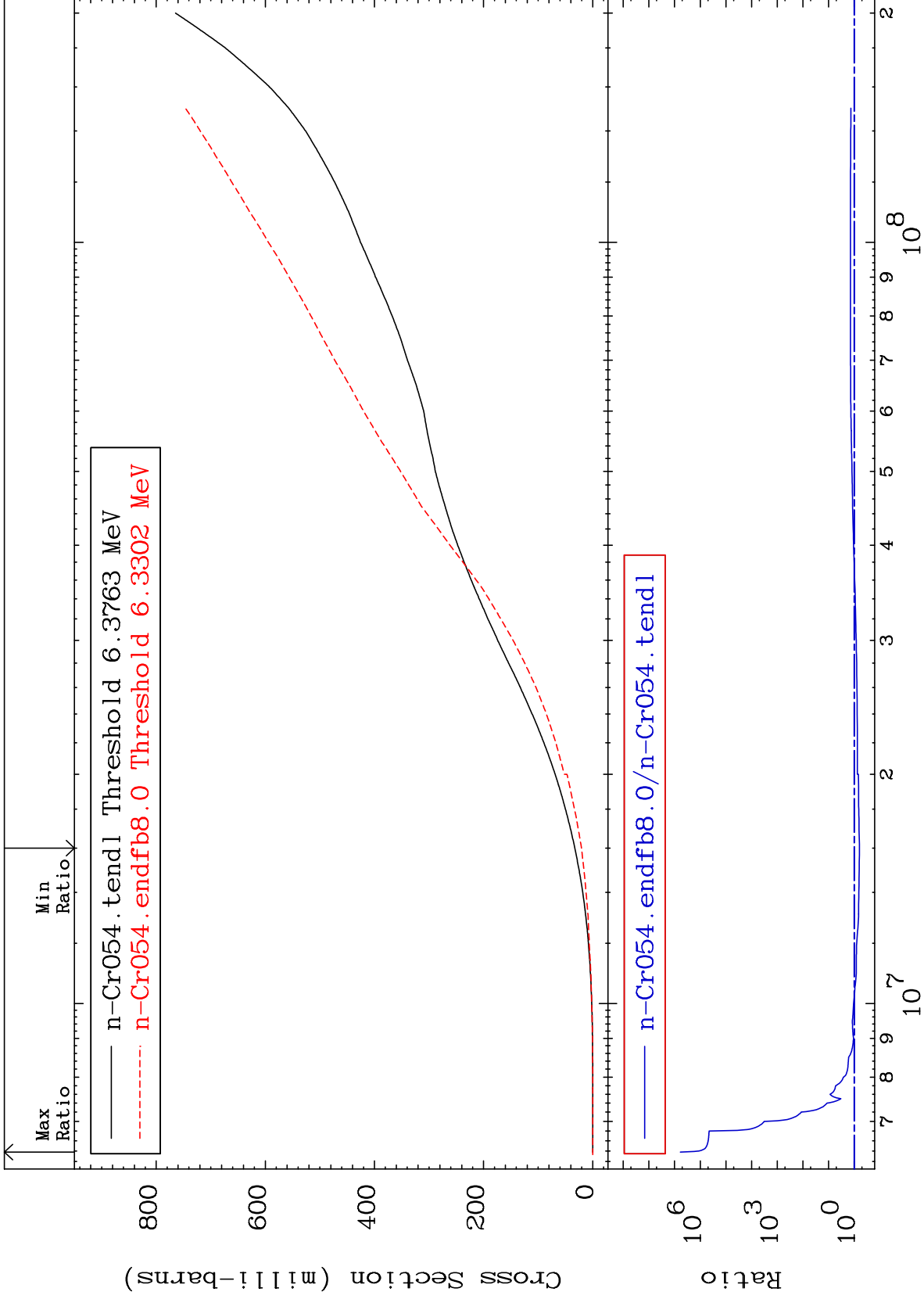
(n, α)
Cross Section
24-Cr-54
-100.0 To 9999. %



MAT 2437

Hydrogen Production
Cross Section

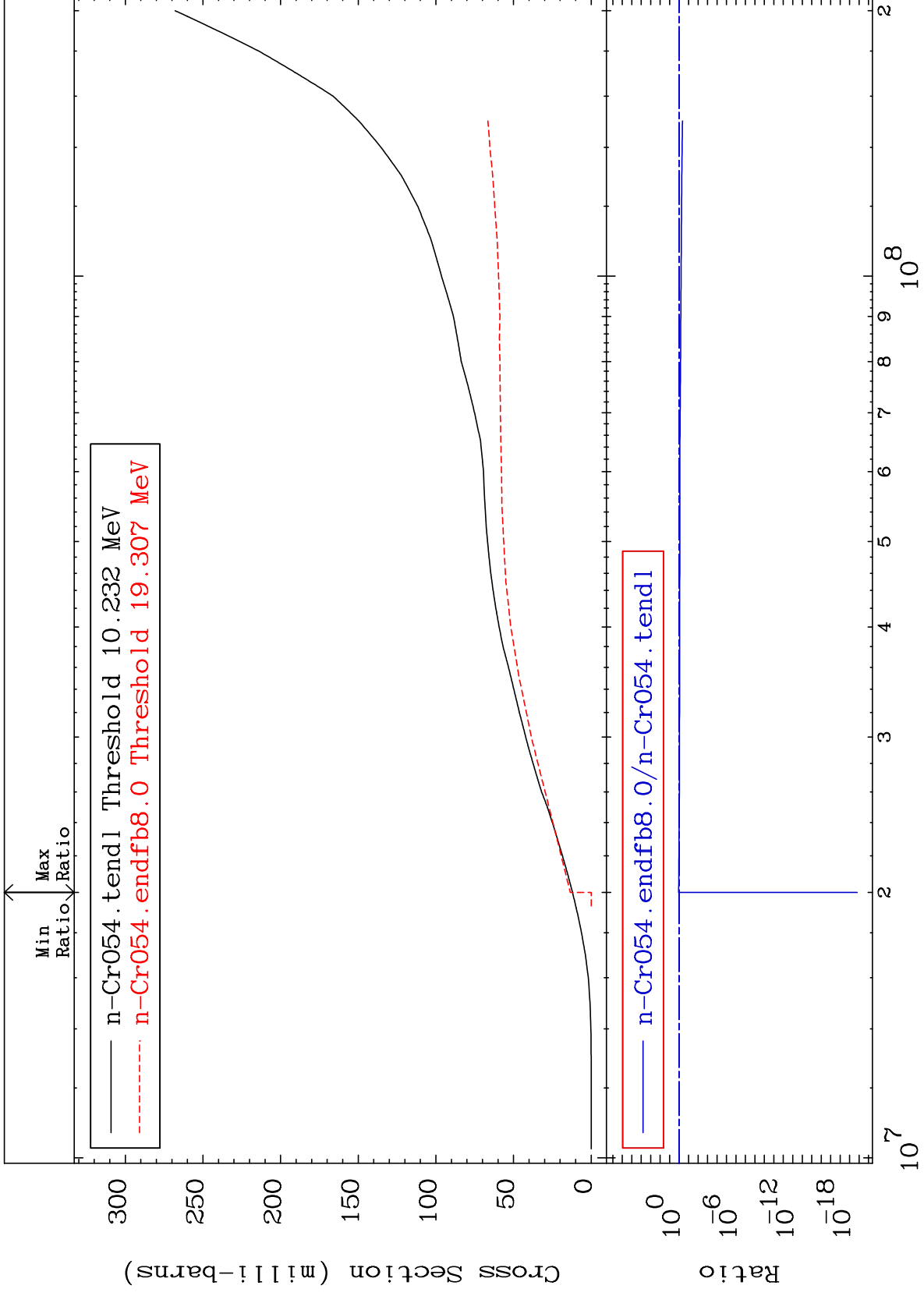
24-Cr-54
-37.26 To 9999. %



MAT 2437

Deuterium Production
Cross Section

²⁴Cr-54
-100.0 To 12.08 %



15

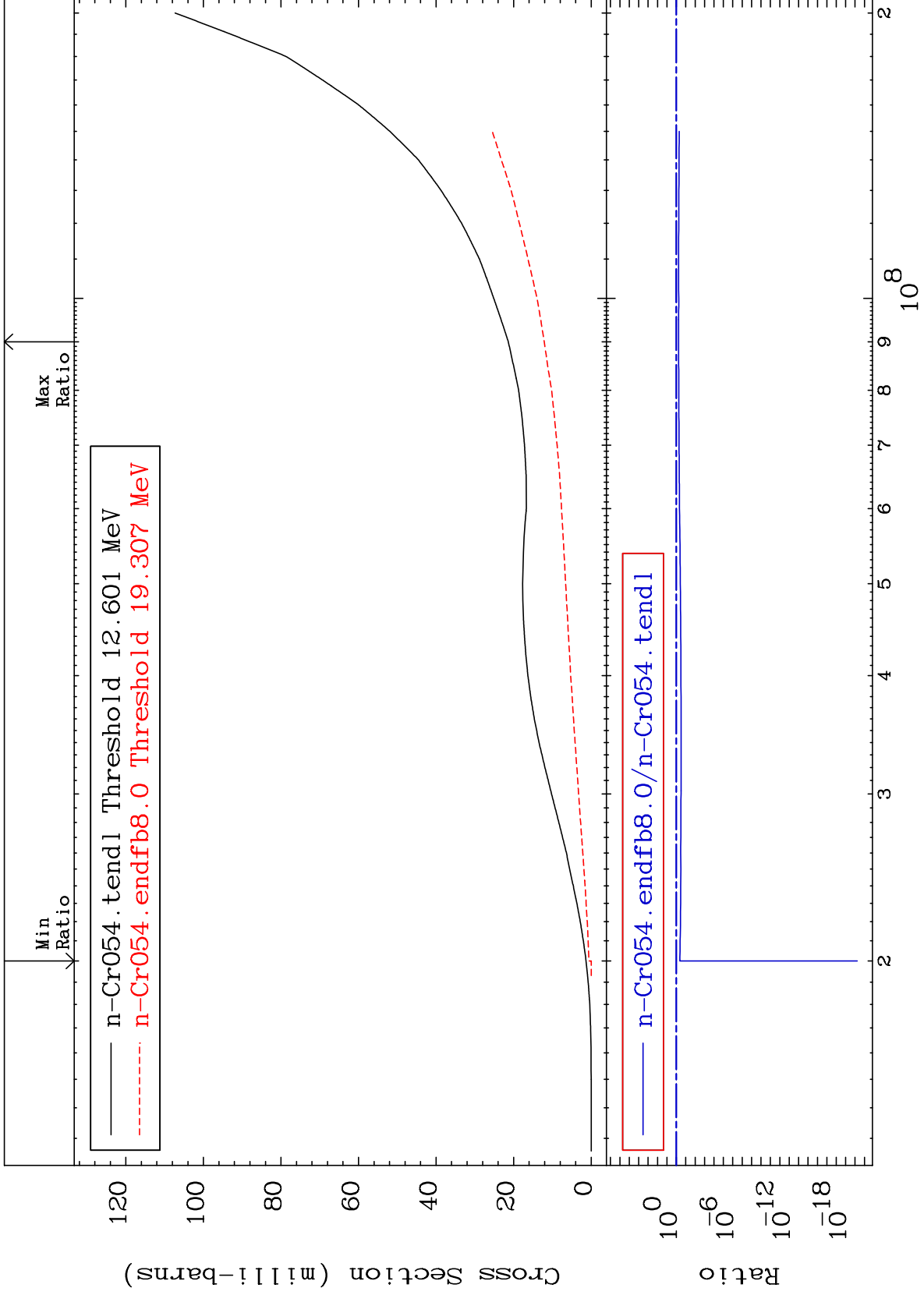
Incident Energy (eV)

²⁴Cr-54

MAT 2437

Tritium Production
Cross Section

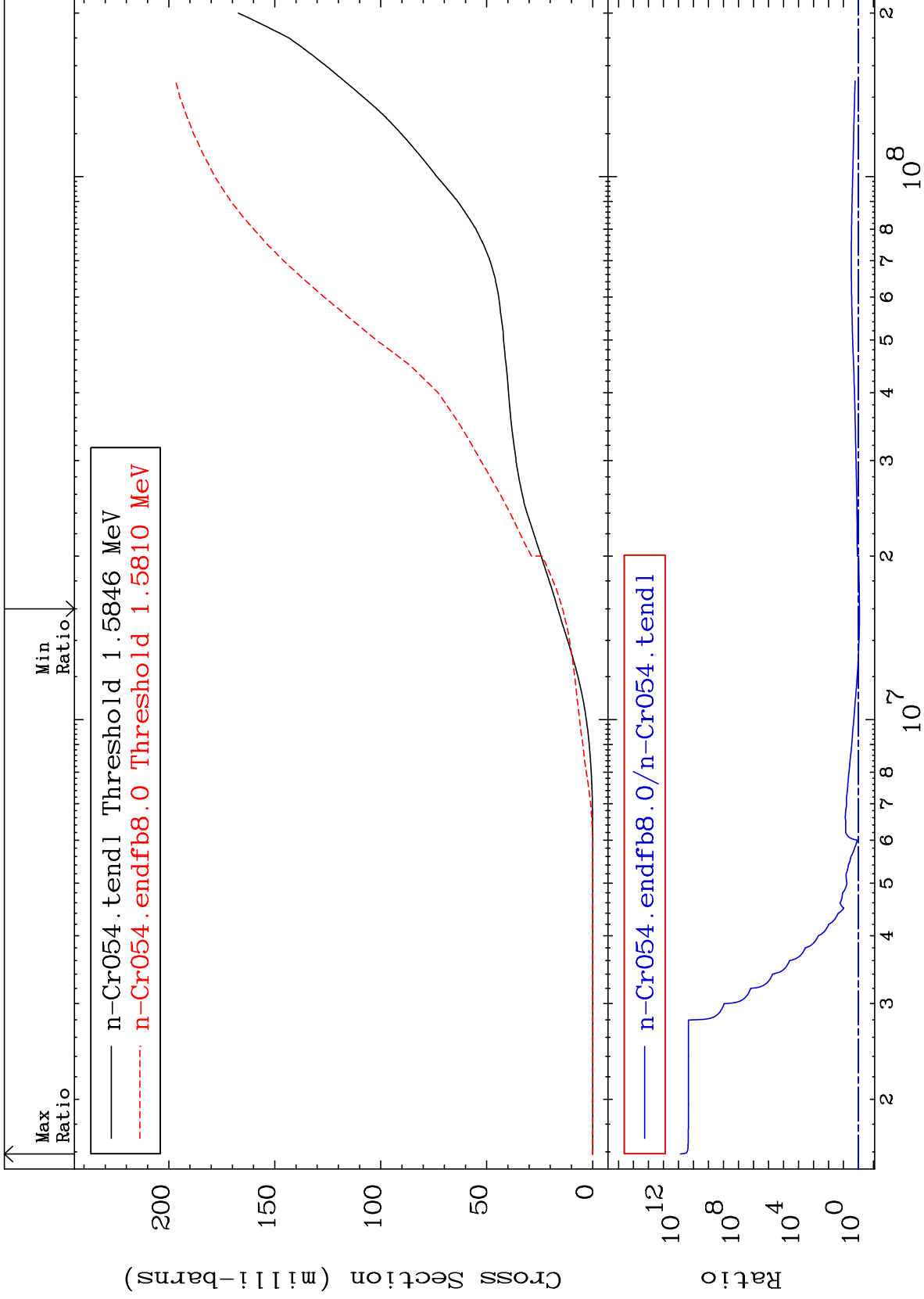
$^{24}\text{Cr-54}$
-100.0 To -43.36%



16

Incident Energy (eV)

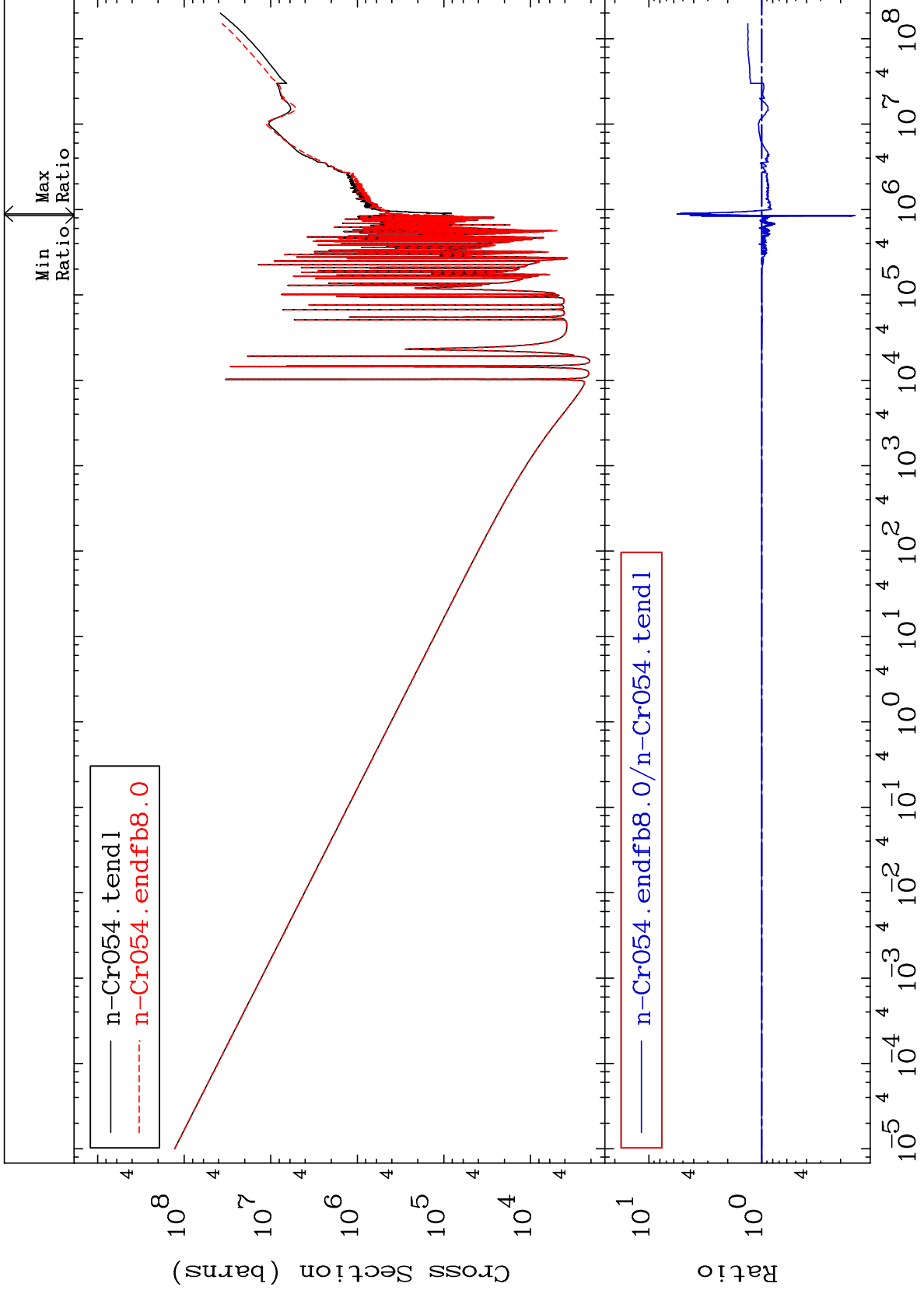
$^{24}\text{Cr-54}$



MAT 2437

Kerma total (eV-barns)
Cross Section

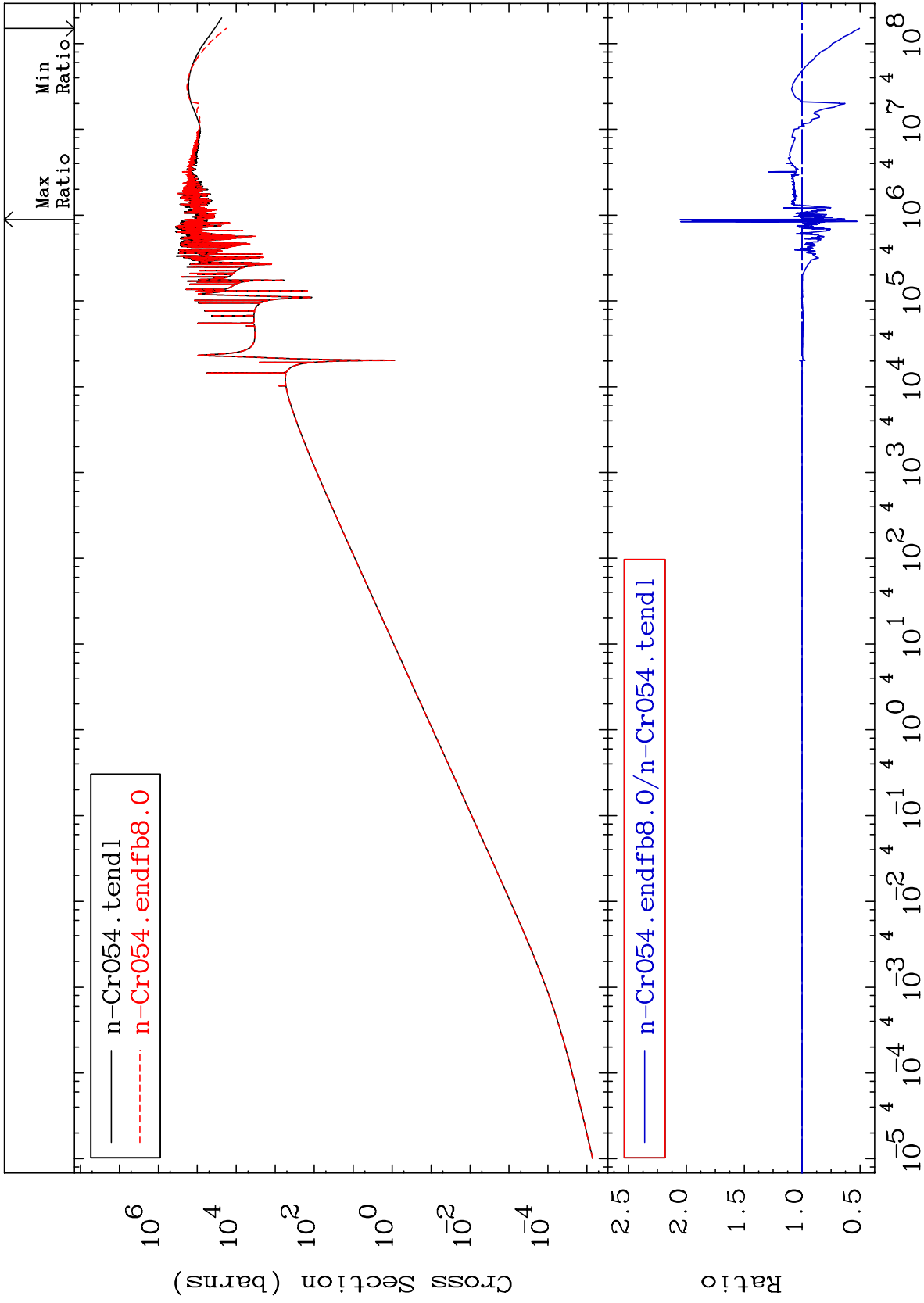
24-Cr-54
-85.12 To 463.7 %

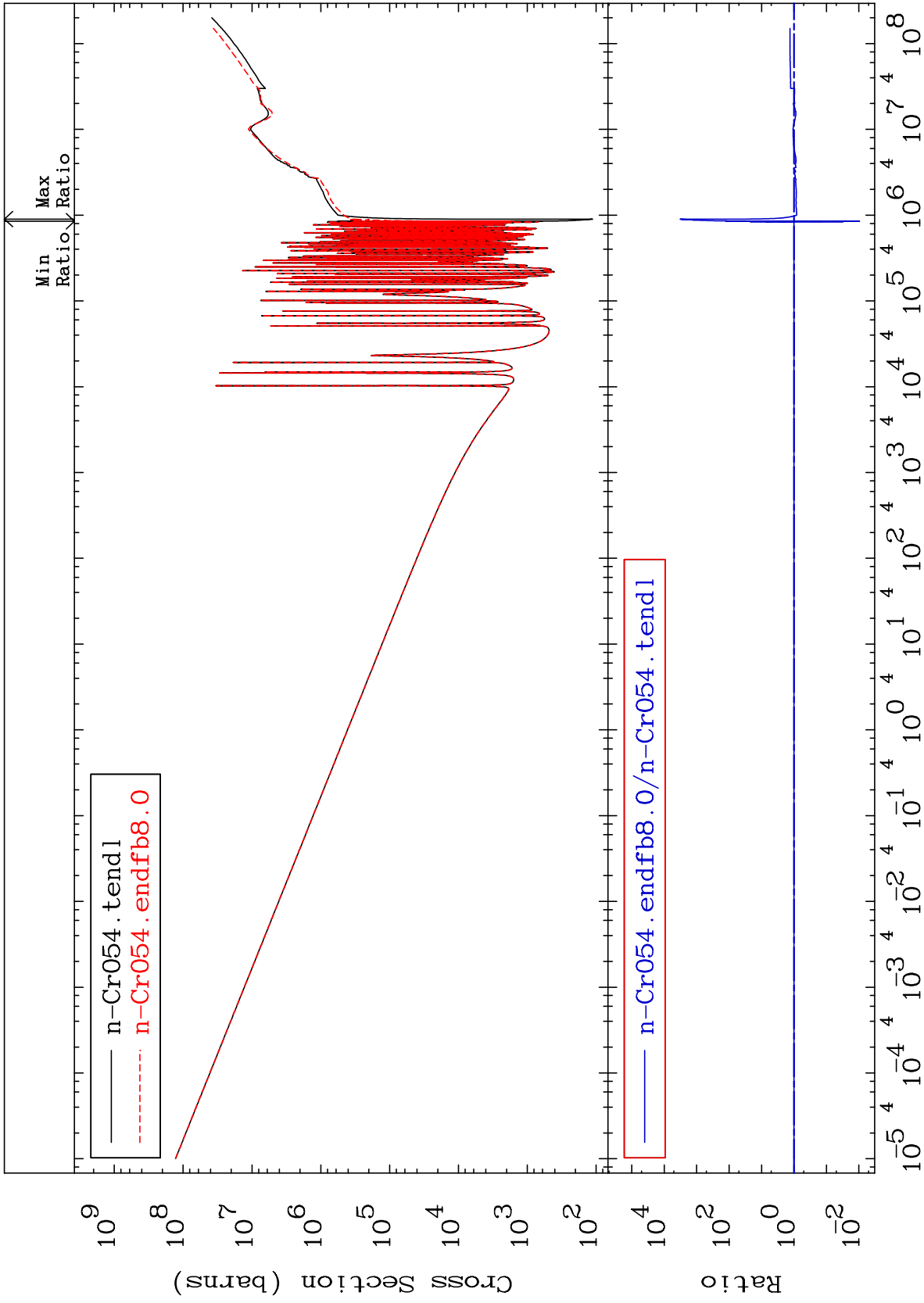


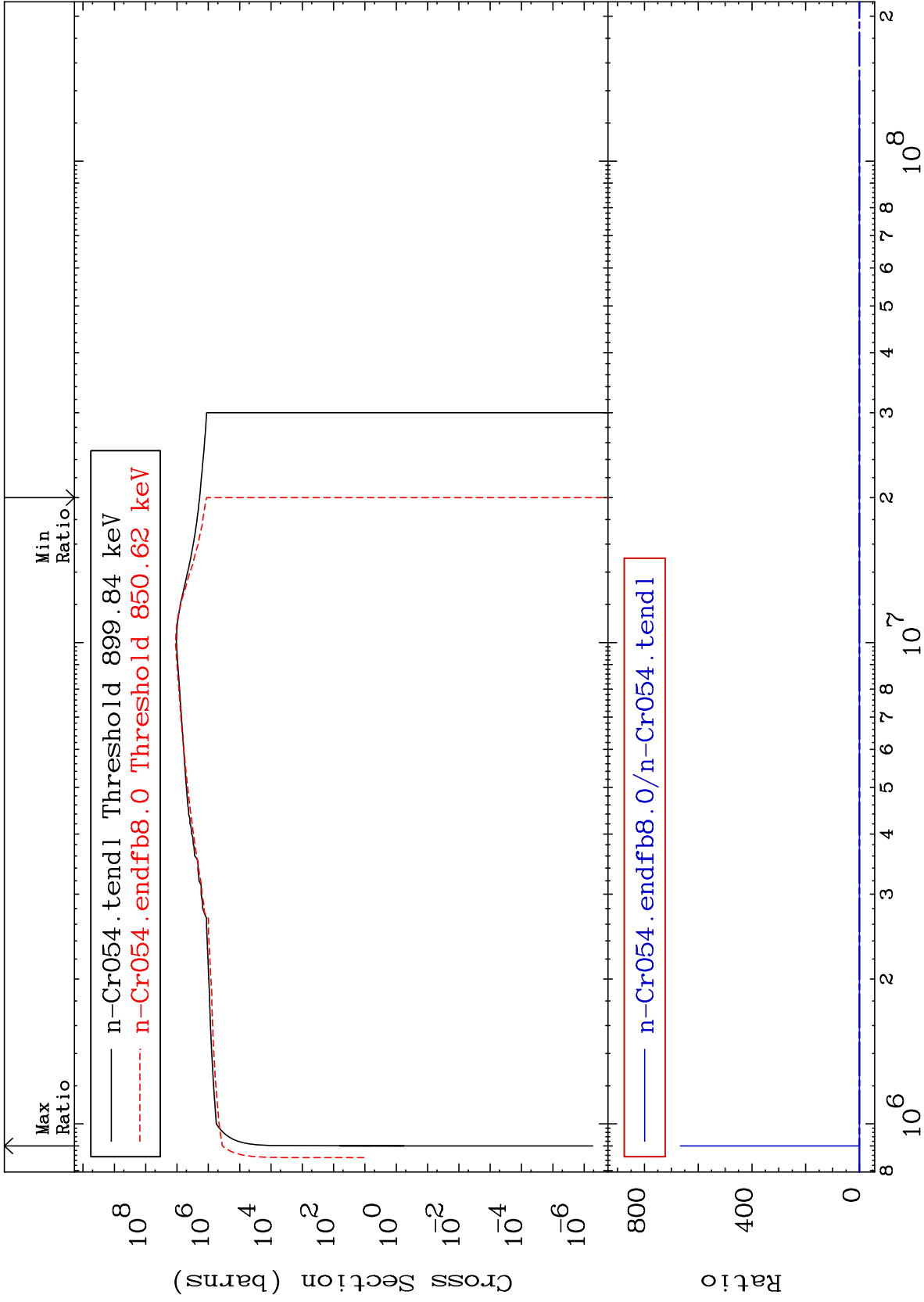
18

Incident Energy (eV)

24-Cr-54



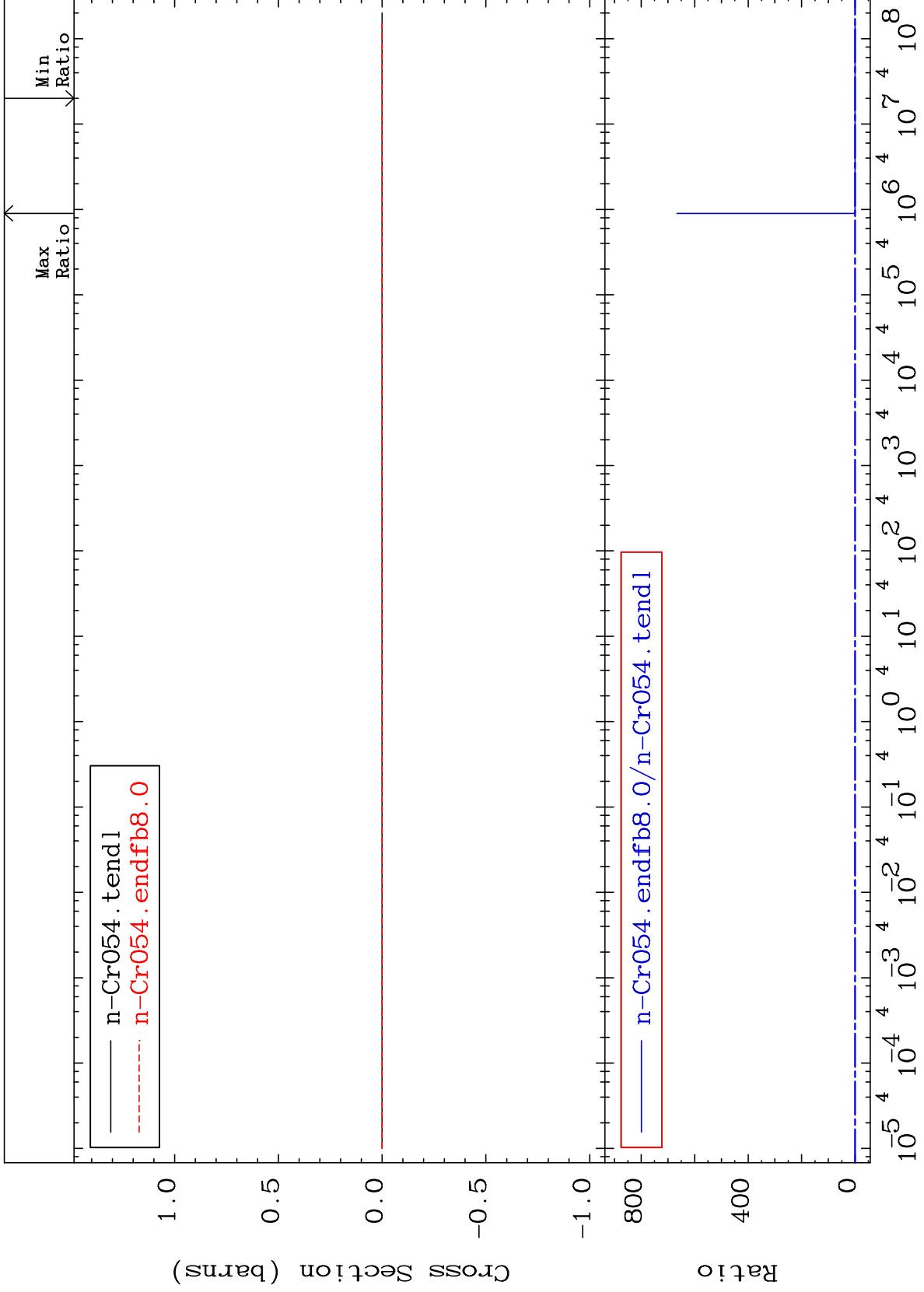




MAT 2437

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

24-Cr-54
-100.0 To 9999. %



22

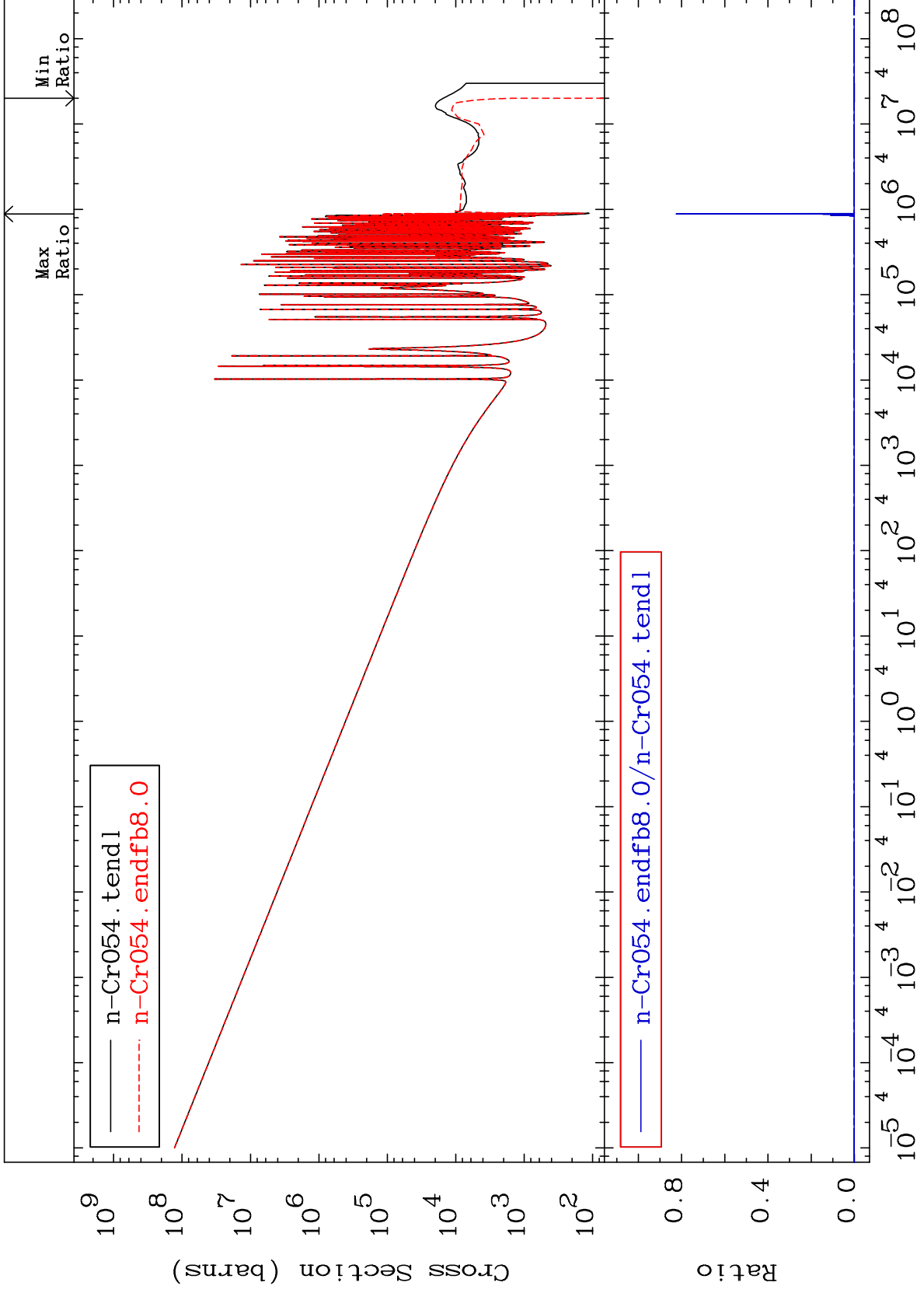
Incident Energy (eV)

24-Cr-54

MAT 2437

Kerma capture (mt102)
Cross Section

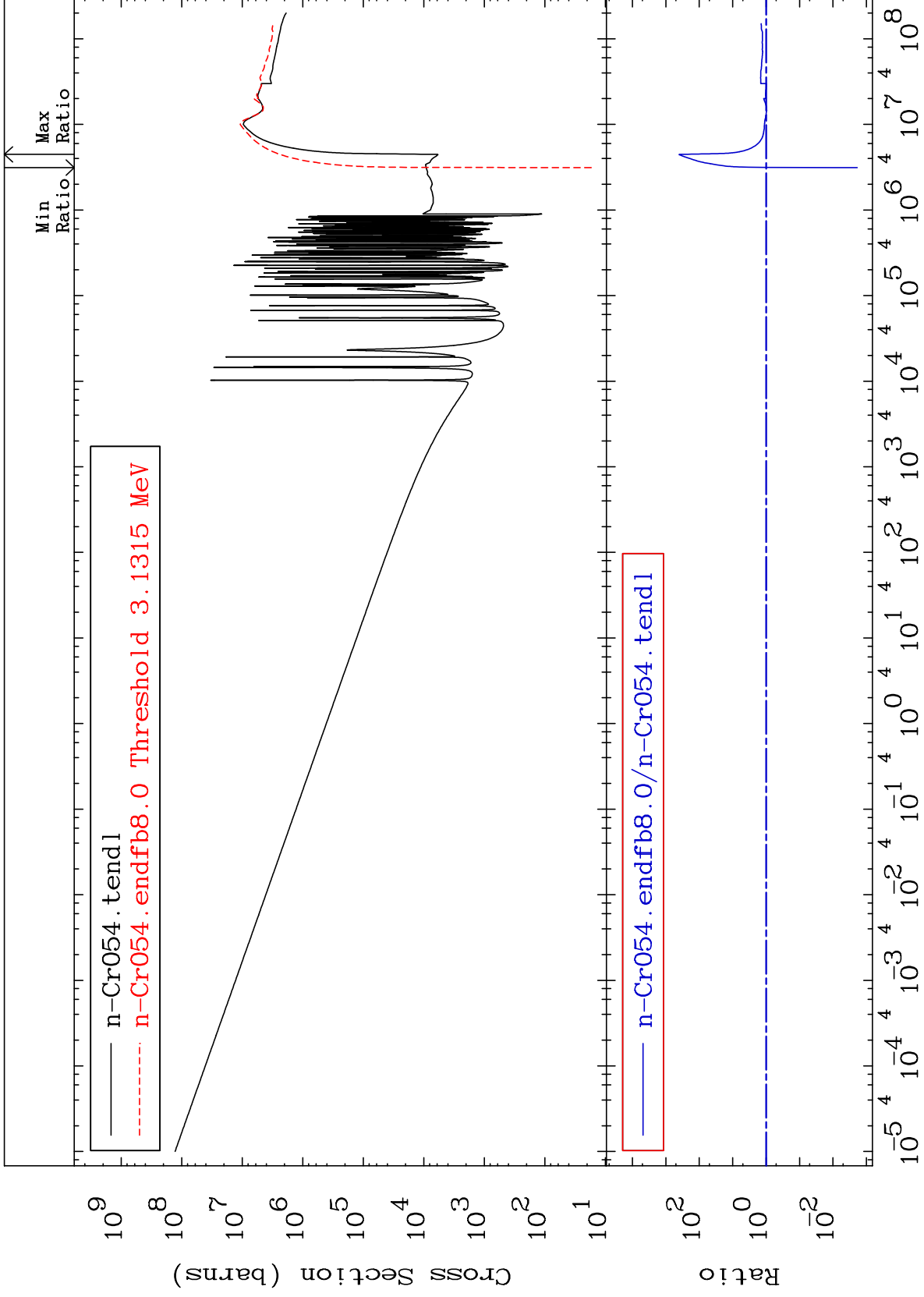
24-Cr-54
-100.0 To 9999. %



23

Incident Energy (eV)

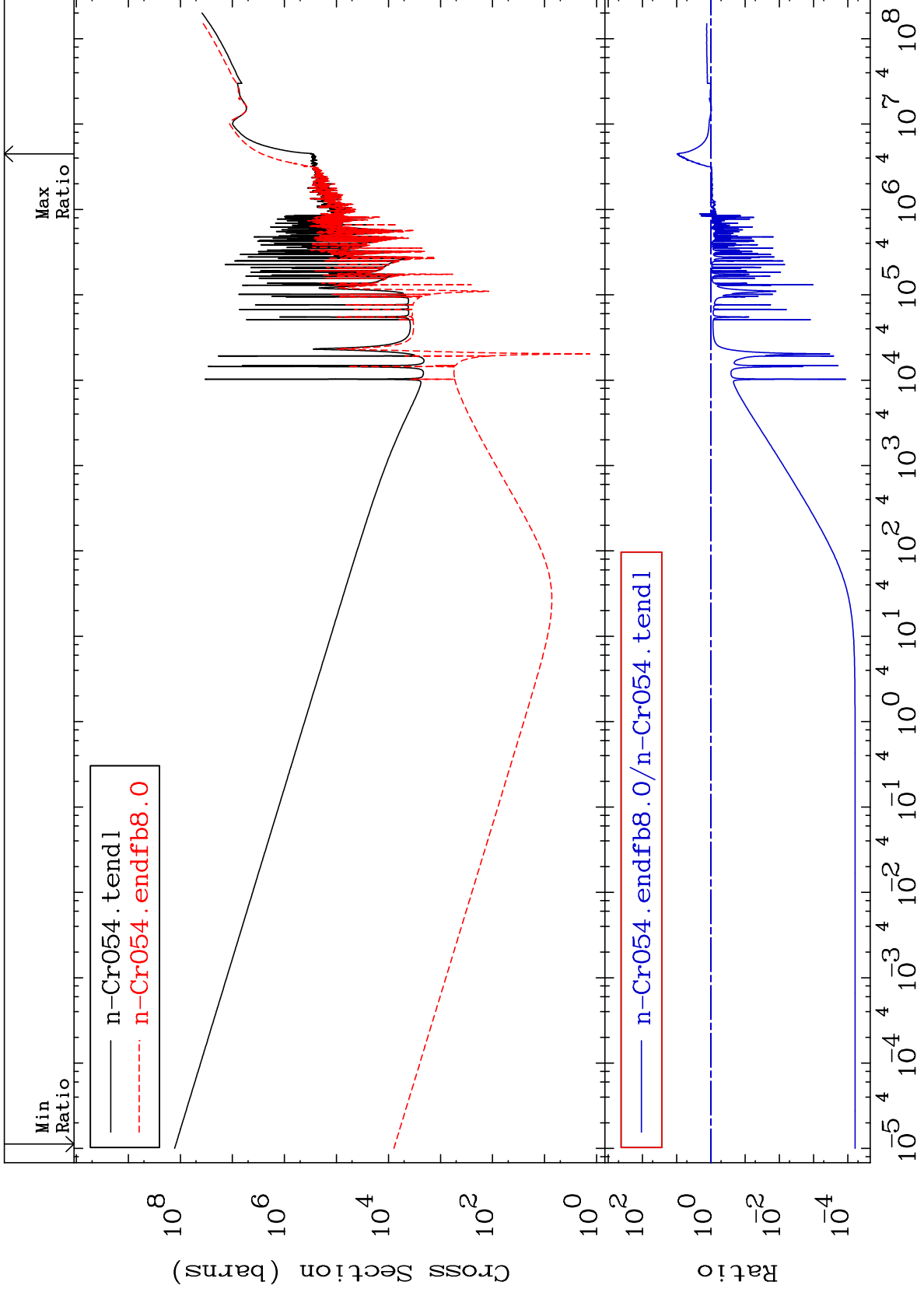
24-Cr-54

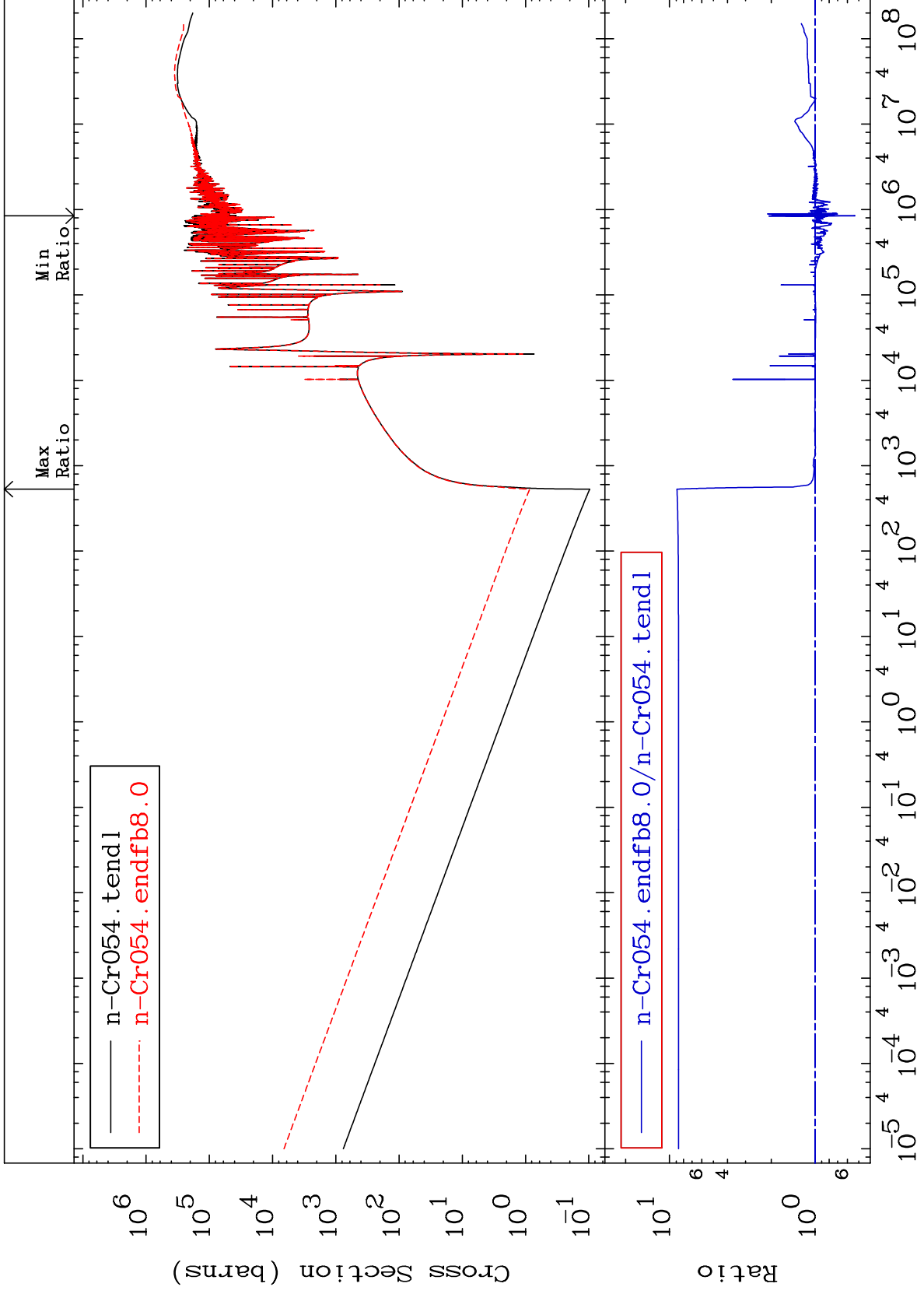


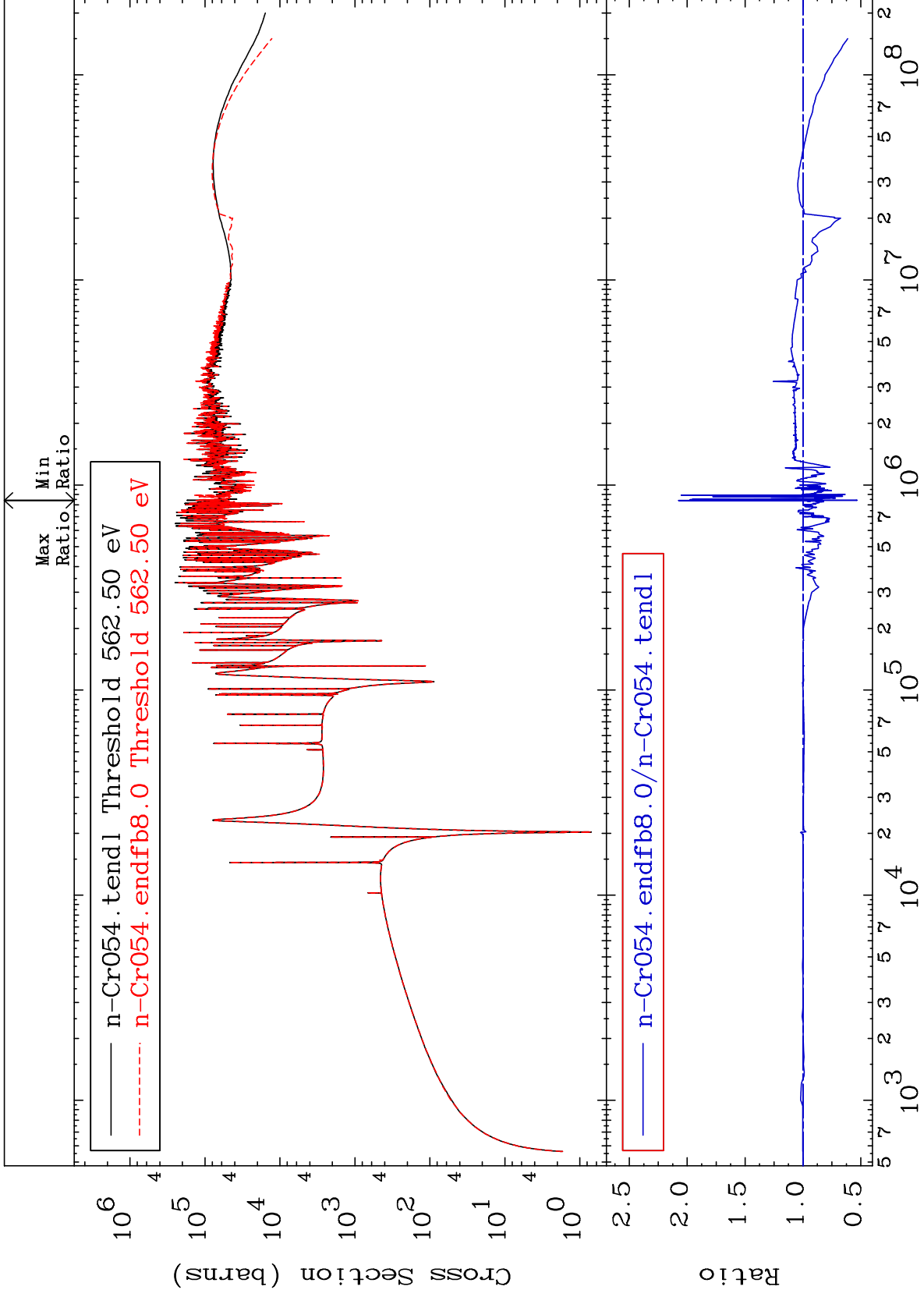
MAT 2437

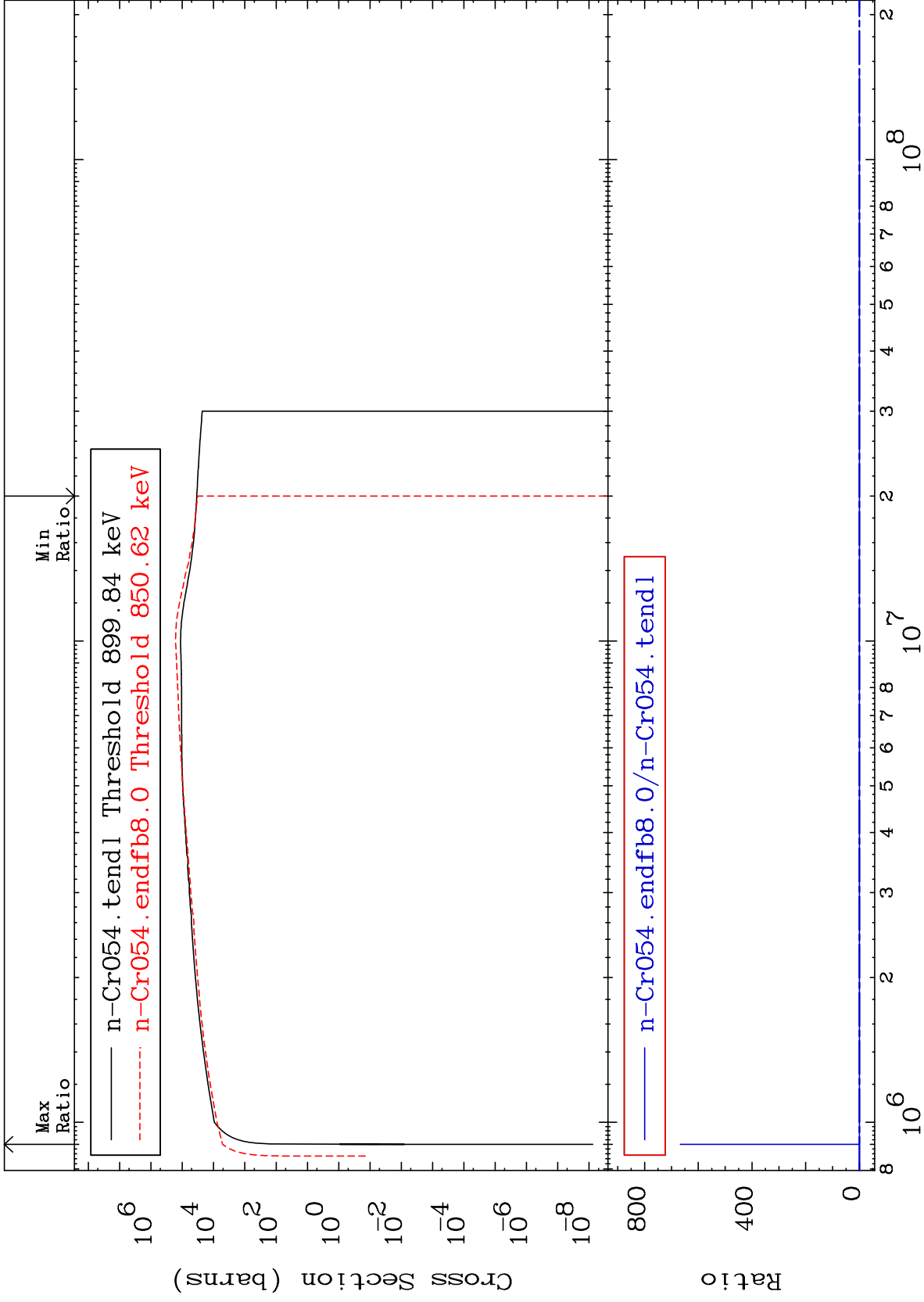
Total kinematic kerma (high limit)
Cross Section

24-Cr-54
-99.99 To 880.2 %









MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-100.0 To 9999. %

