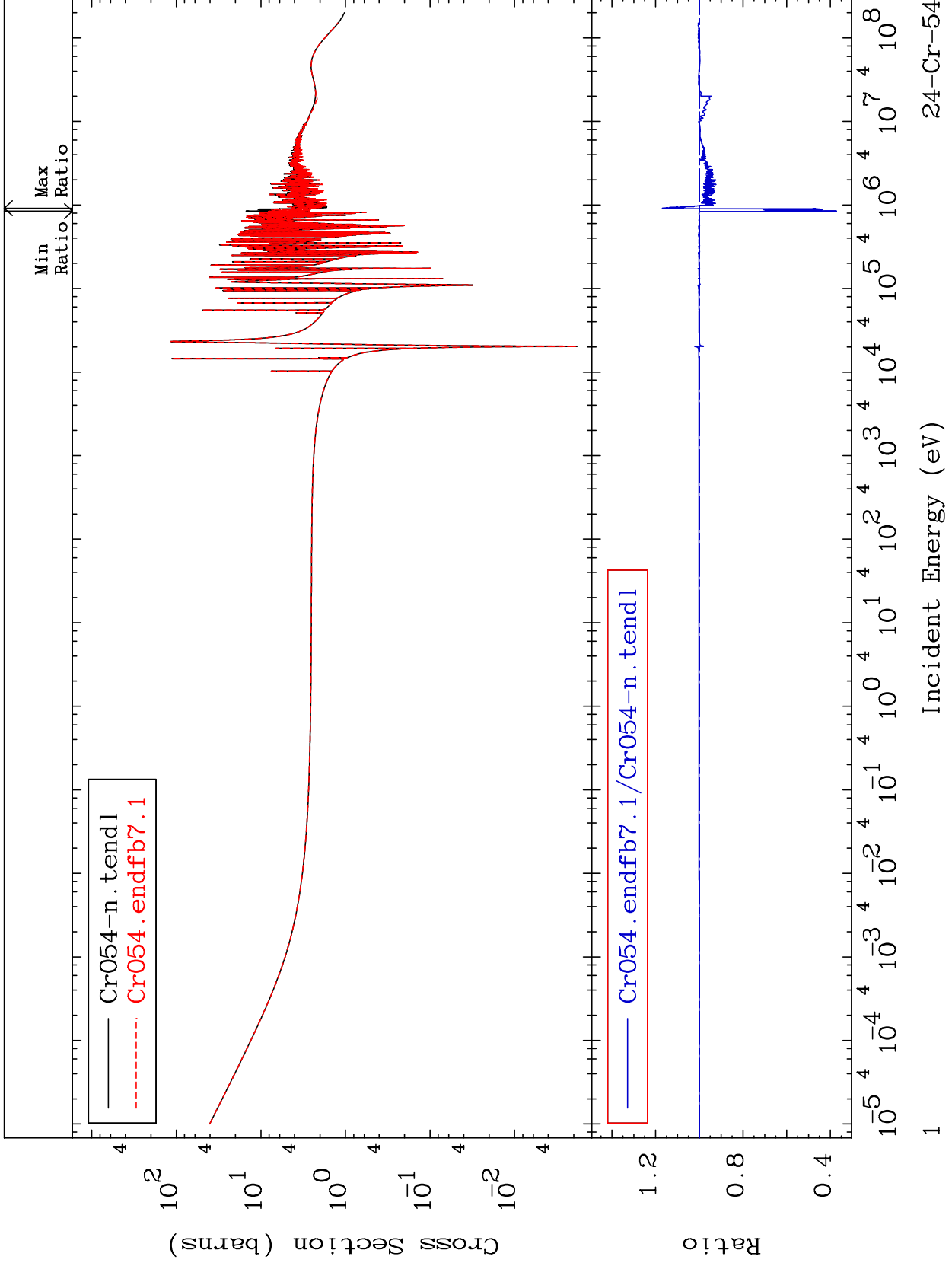


MAT 2437

Total
Cross Section

24-Cr-54
-62.86 To 16.93 %

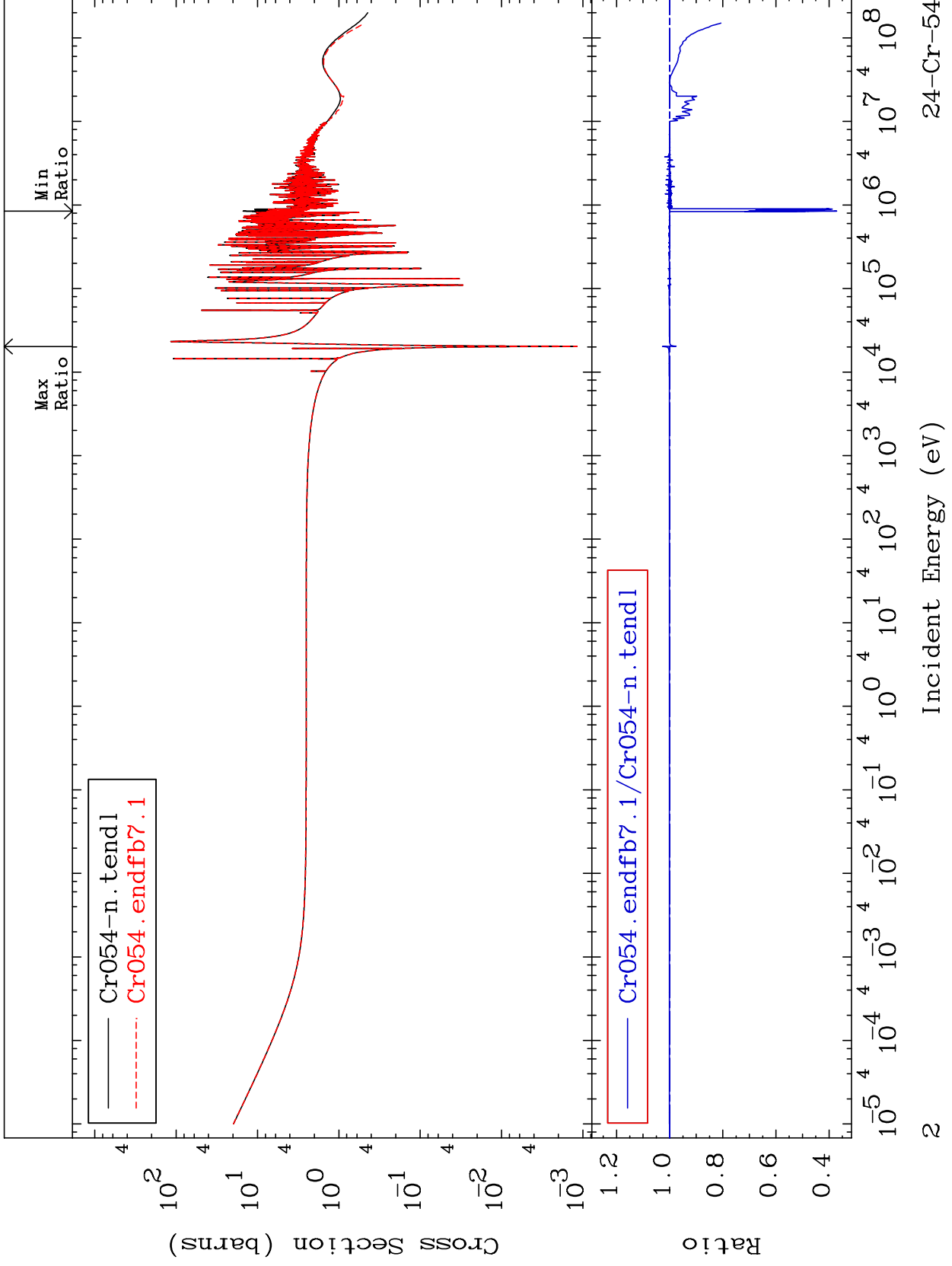


24-Cr-54

MAT 2437

Elastic
Cross Section

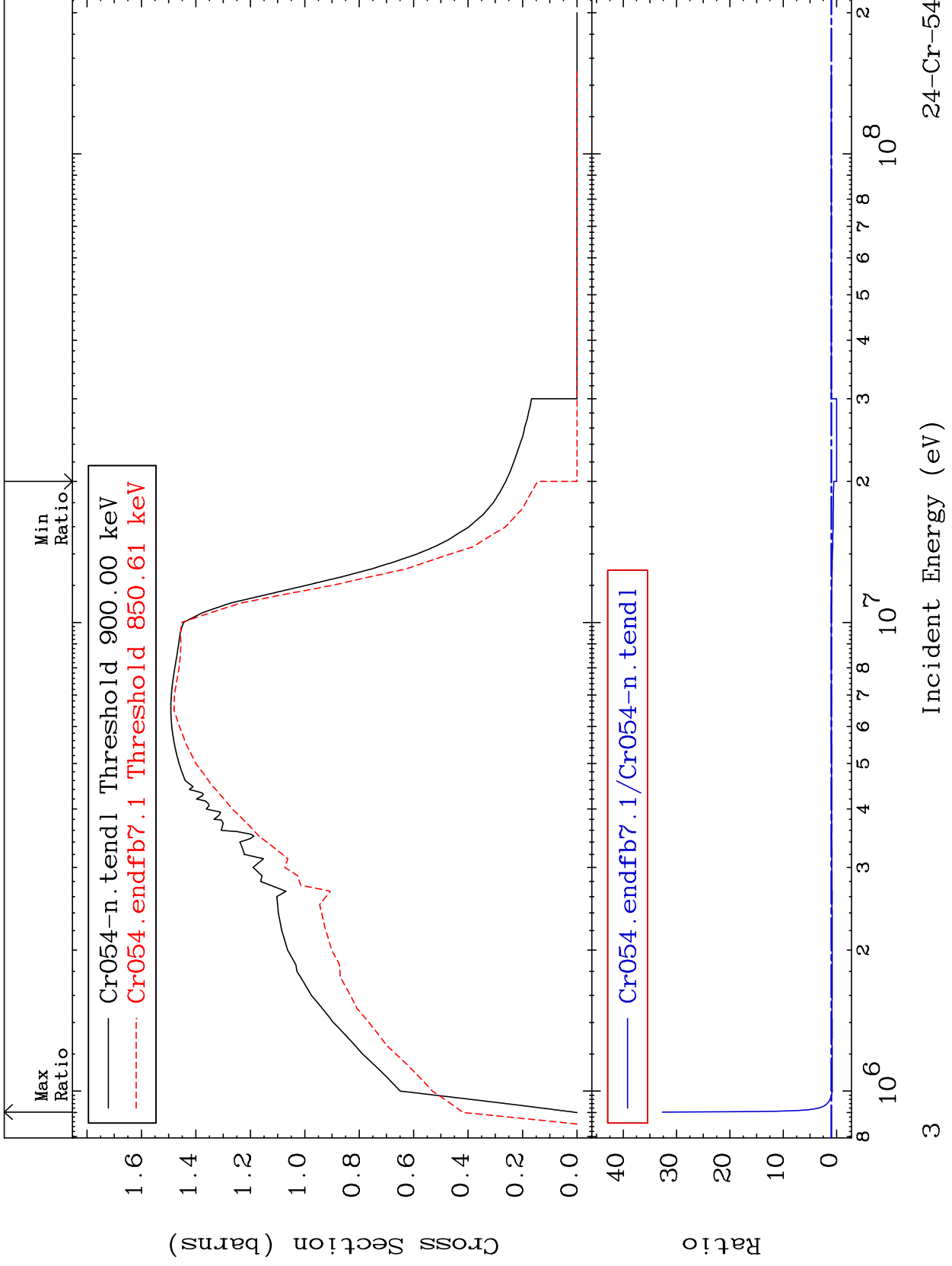
24-Cr-54
-62.84 To 2.760 %



MAT 2437

Inelastic
Cross Section

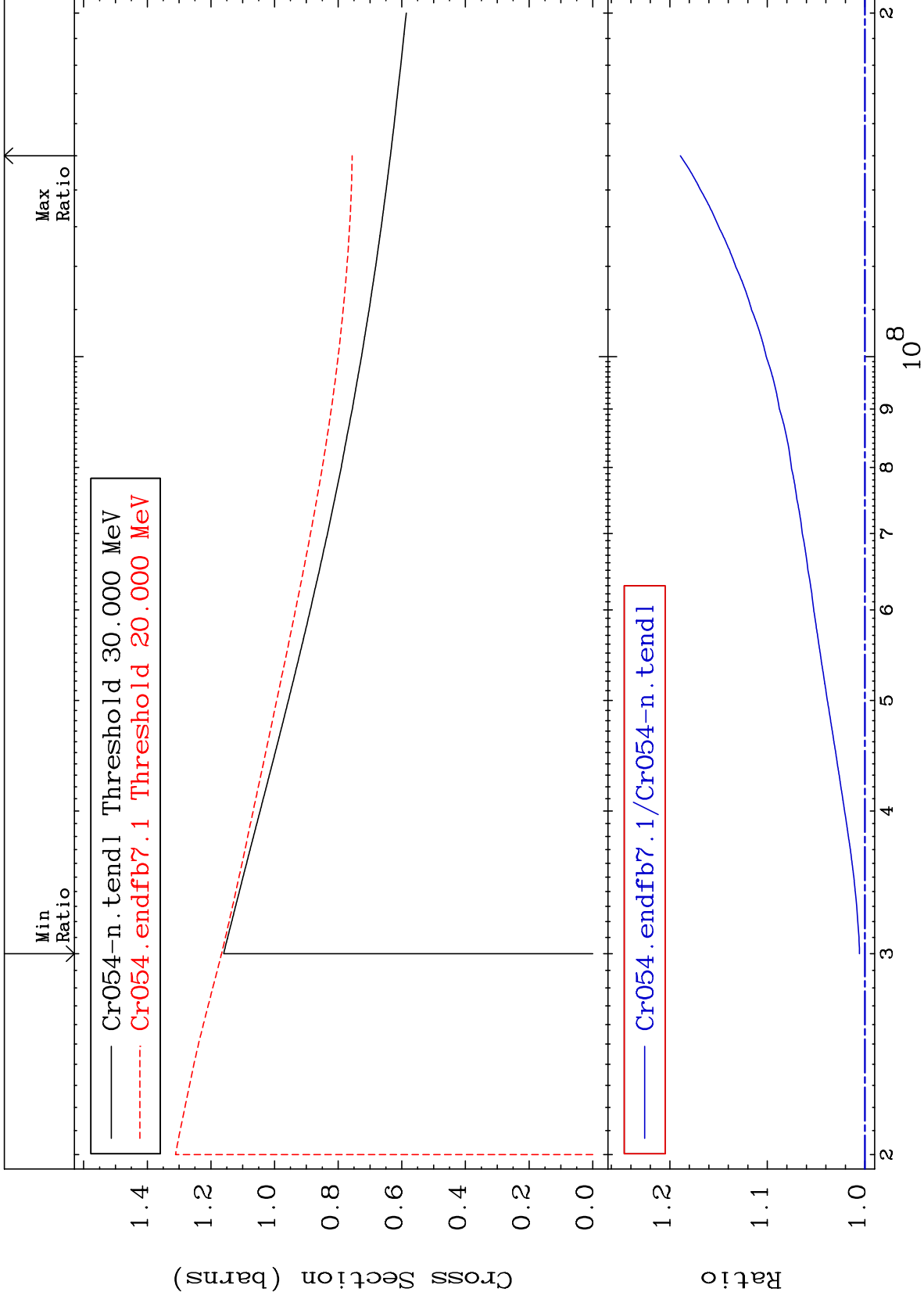
²⁴Cr-54
-100.0 To 3167. %



MAT 2437

(n, remainder)
Cross Section

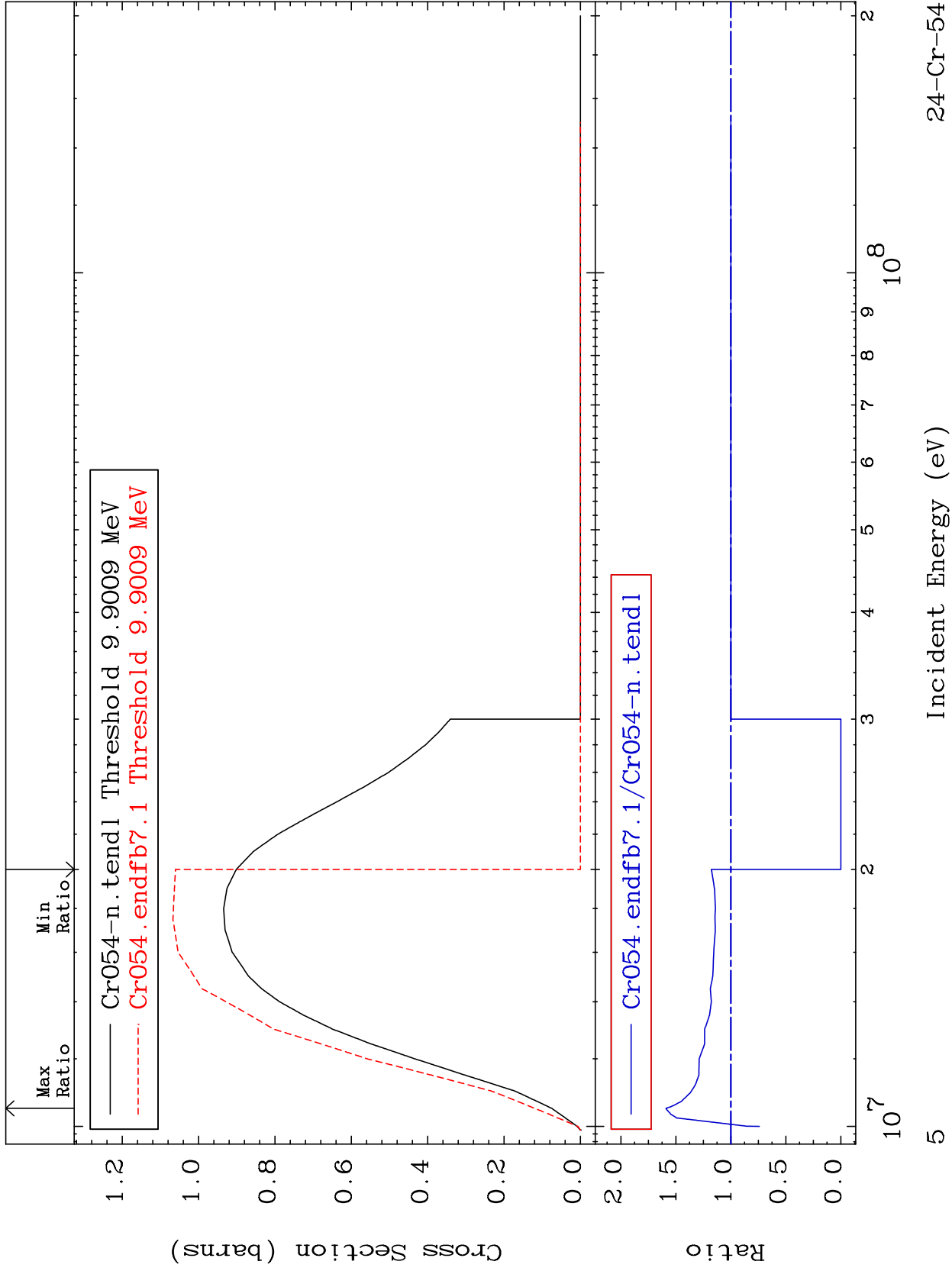
24-Cr-54
To 18.92 %
0.562



MAT 2437

(n,2n)
Cross Section

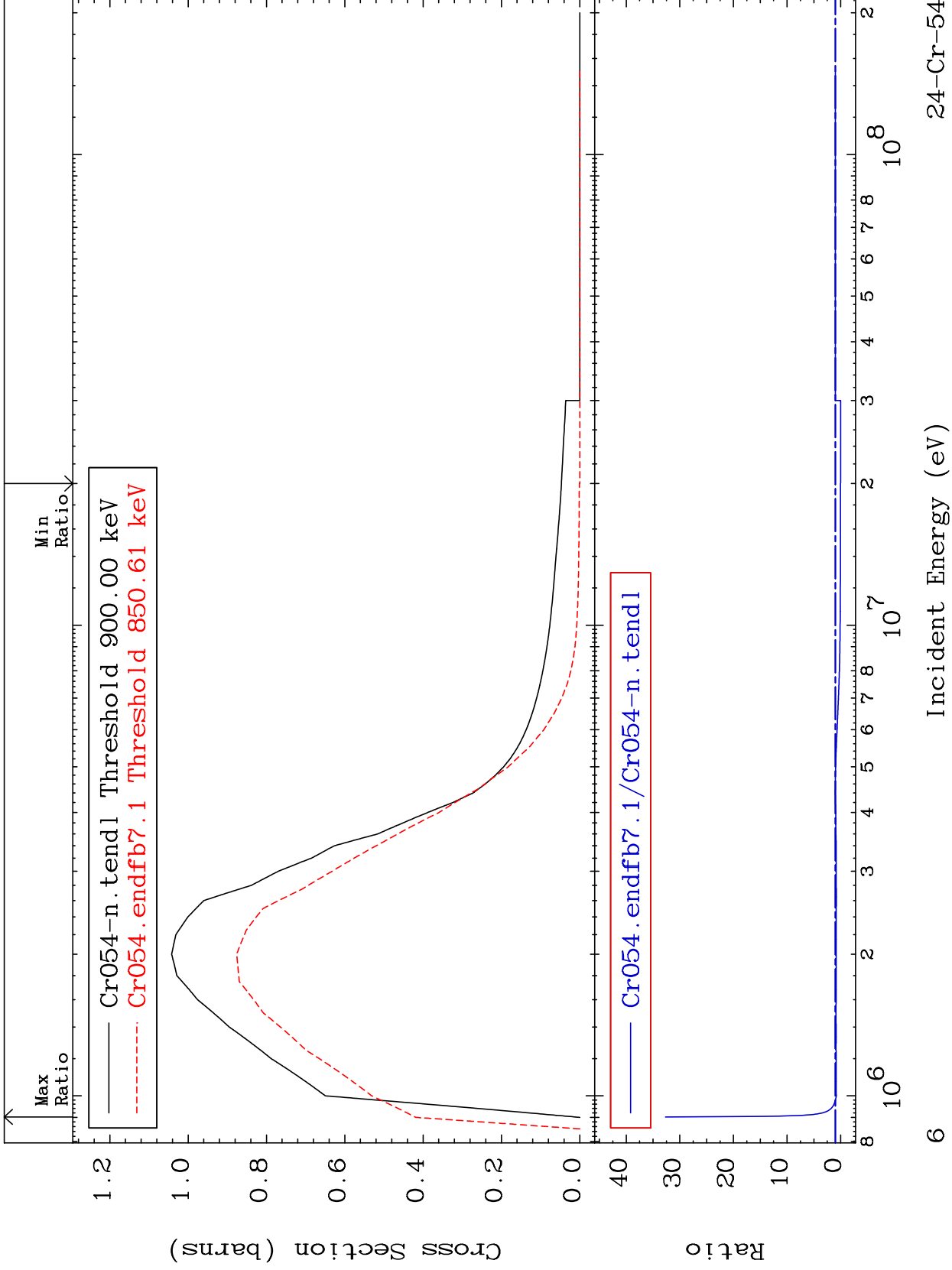
²⁴Cr-54
-100.0 To 58.98 %



MAT 2437

834.9 keV (n,n') Level
Cross Section

²⁴Cr-54
-100.0 To 3167. %

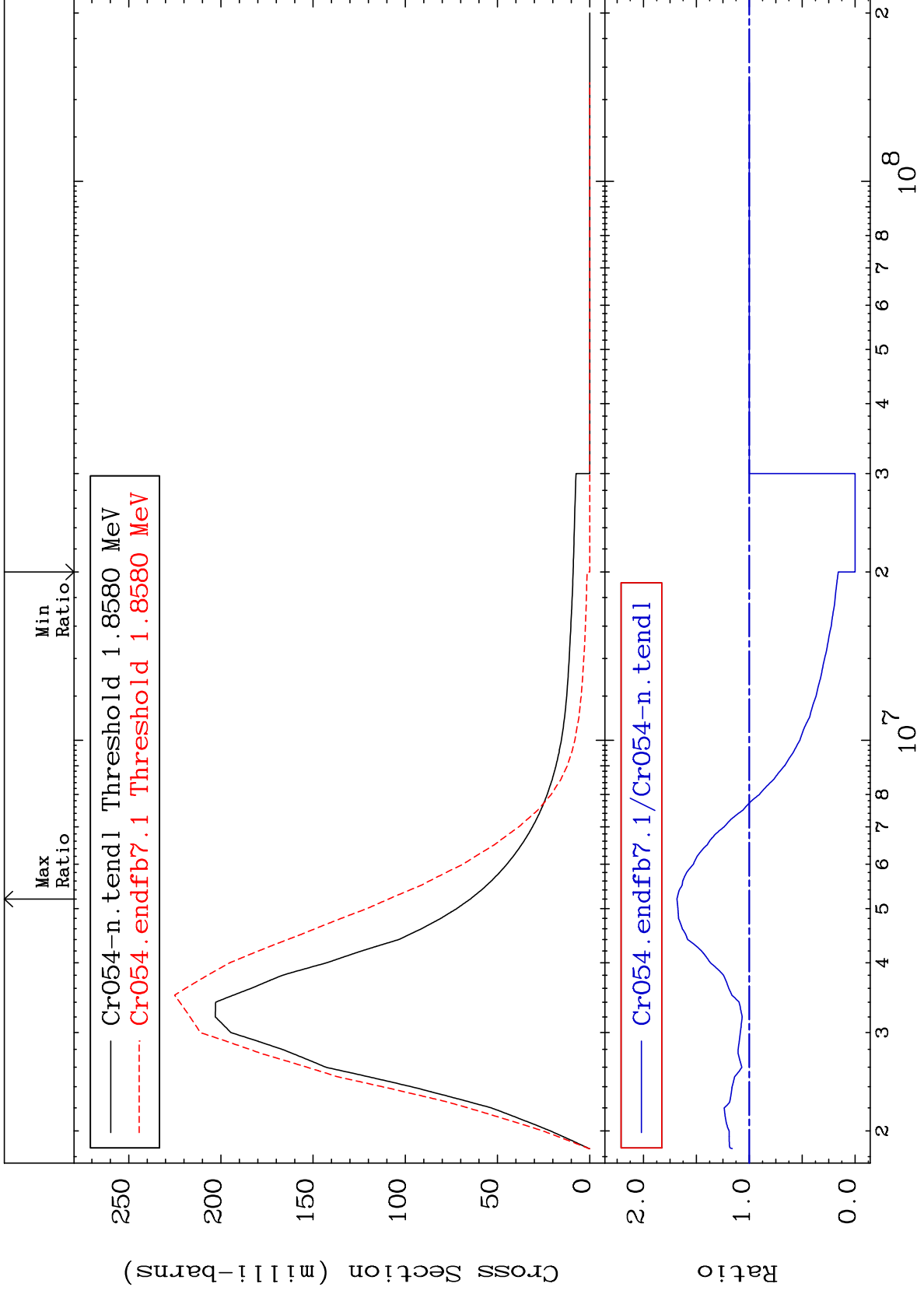


²⁴Cr-54

MAT 2437

1.824 MeV (n,n') Level
Cross Section

24-Cr-54
-100.0 To 68.43 %



7

Incident Energy (eV)

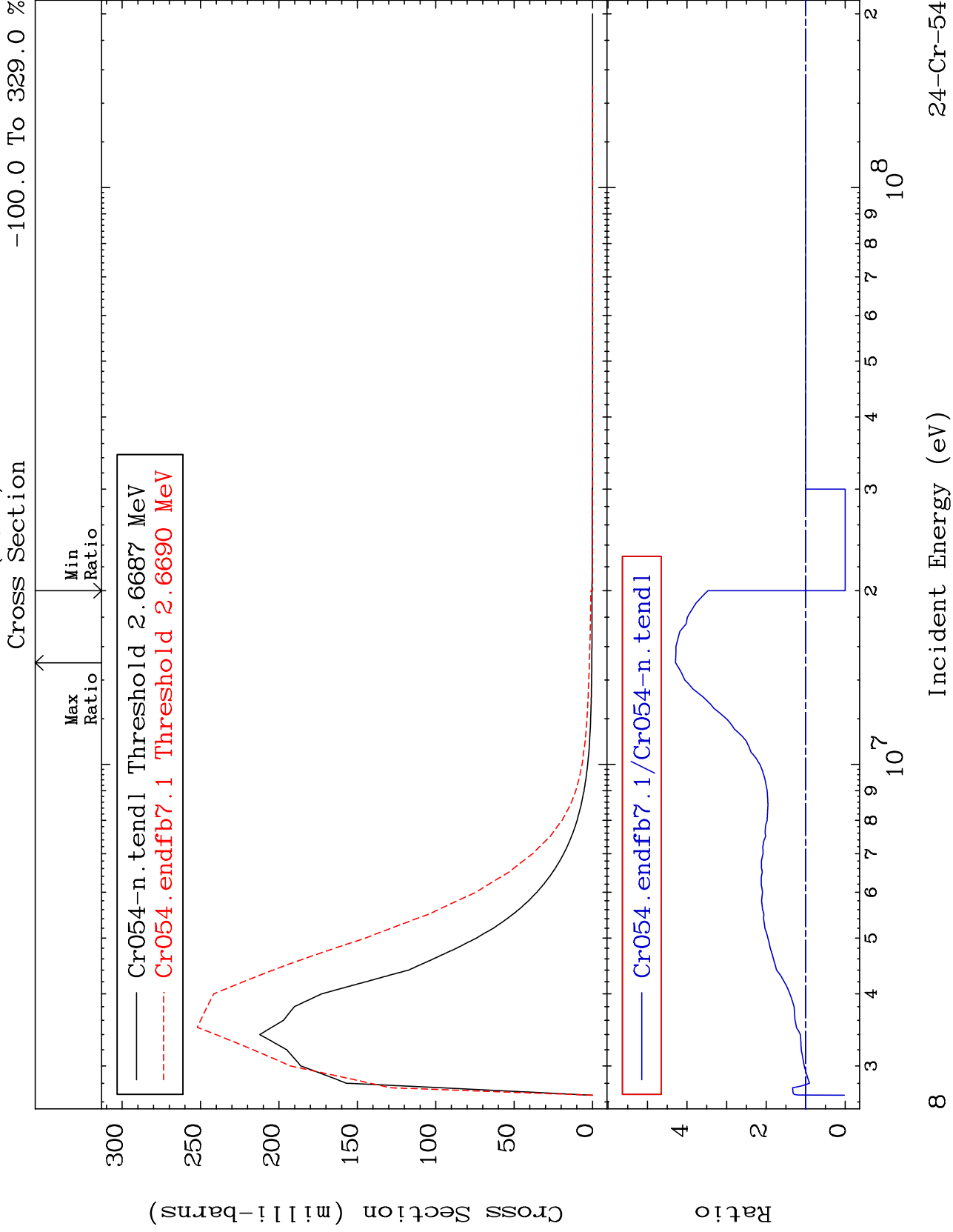
24-Cr-54

MAT 2437

2.620 MeV (n,n') Level

²⁴Cr-54

-100.0 To 329.0 %



8

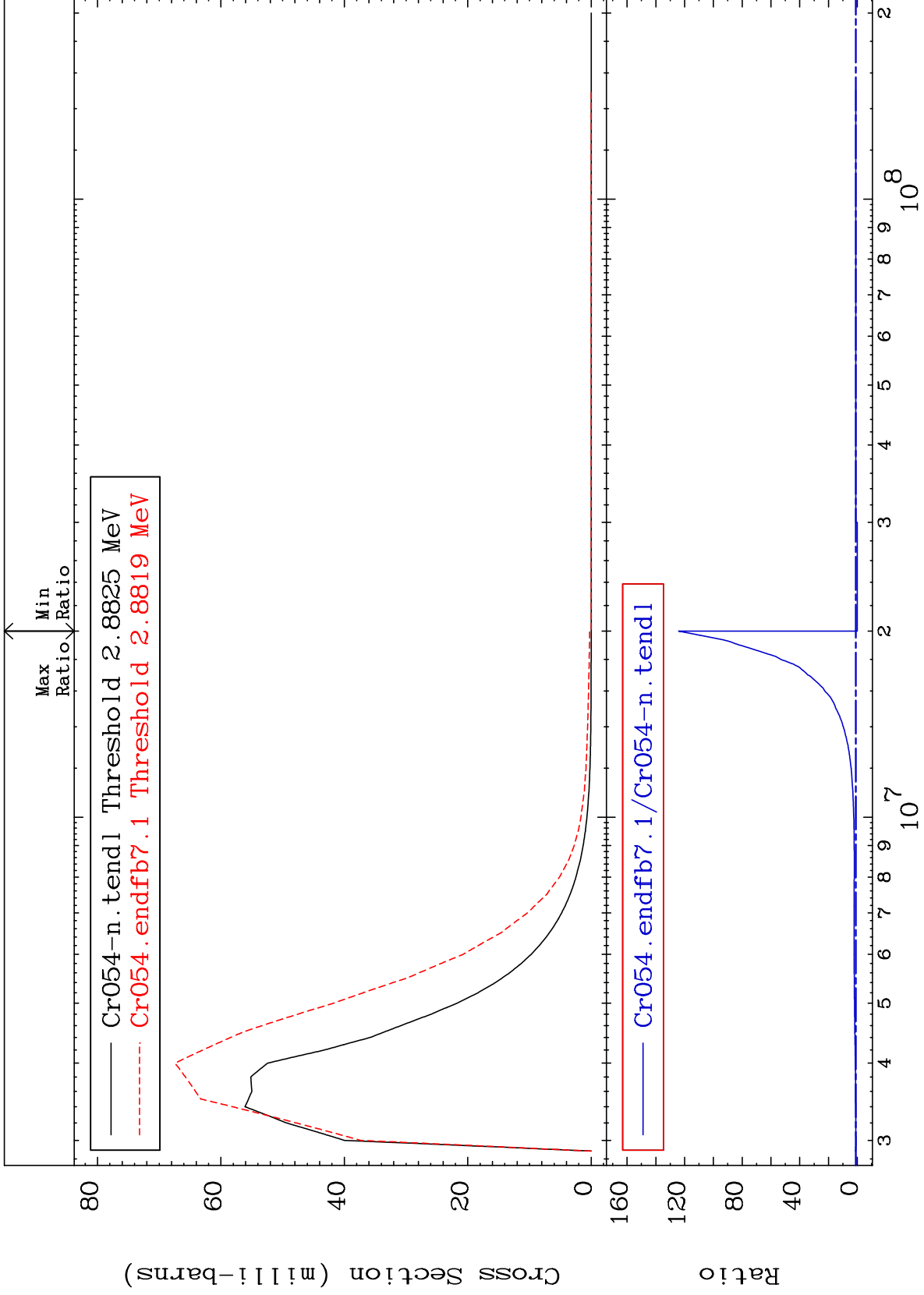
Incident Energy (eV)

²⁴Cr-54

MAT 2437

2.830 MeV (n,n') Level
Cross Section

24-Cr-54
-100.0 To 9999. %



9

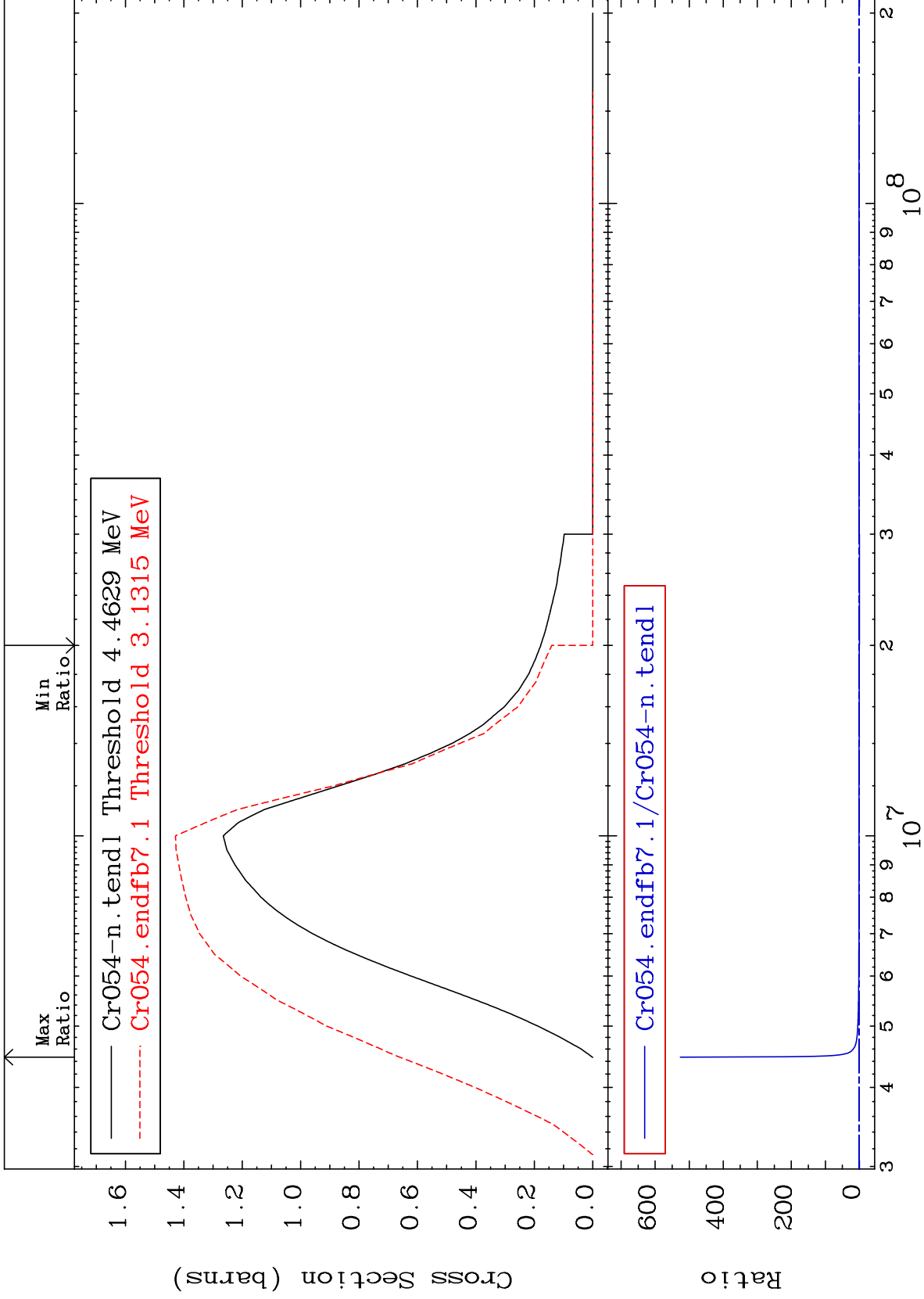
Incident Energy (eV)

24-Cr-54

MAT 2437

(n, n') Continuum
Cross Section

24-Cr-54
-100.0 To 9999. %



10

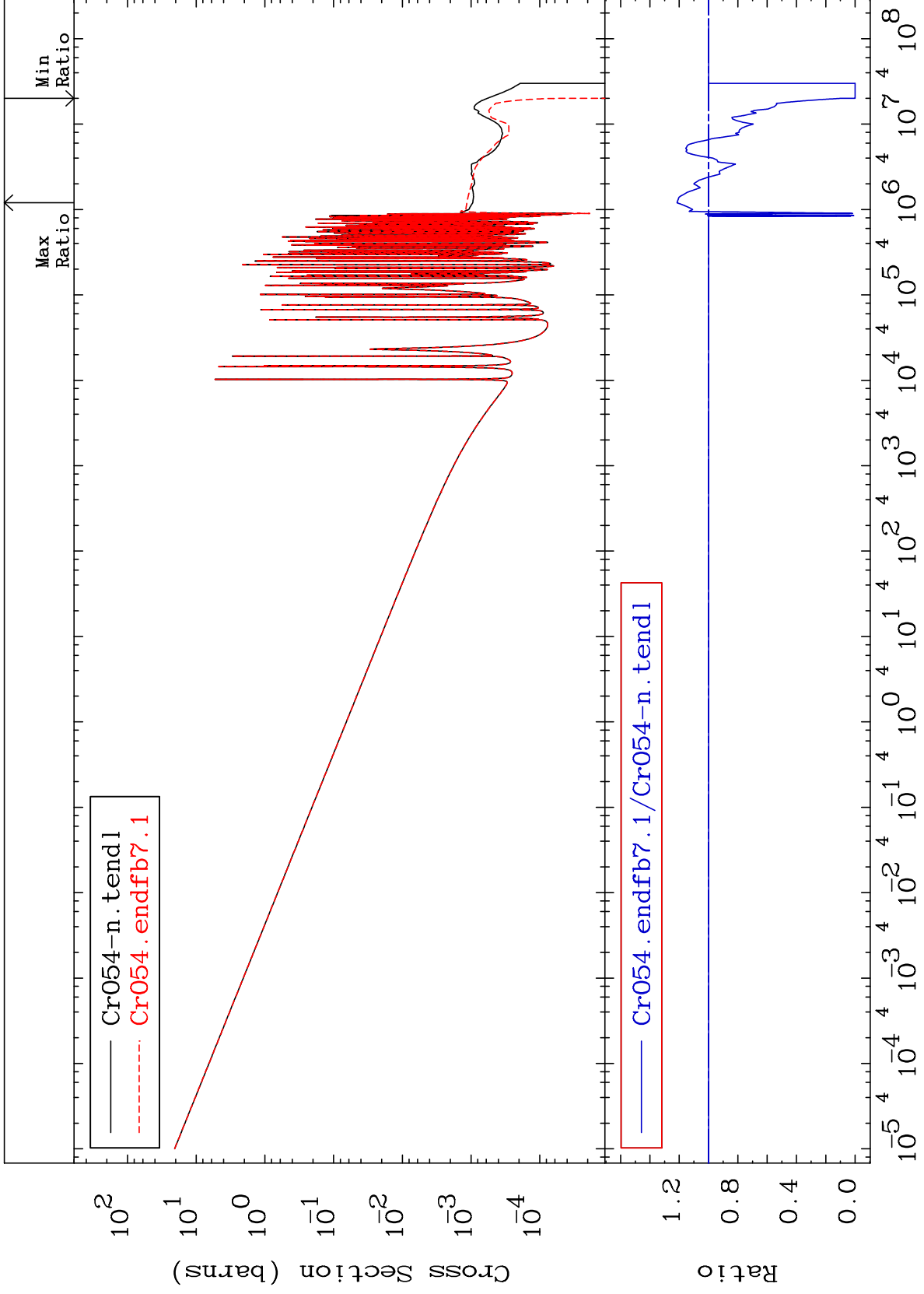
Incident Energy (eV)

24-Cr-54

MAT 2437

(n, γ)
Cross Section

24-Cr-54
-100.0 To 21.59 %



11

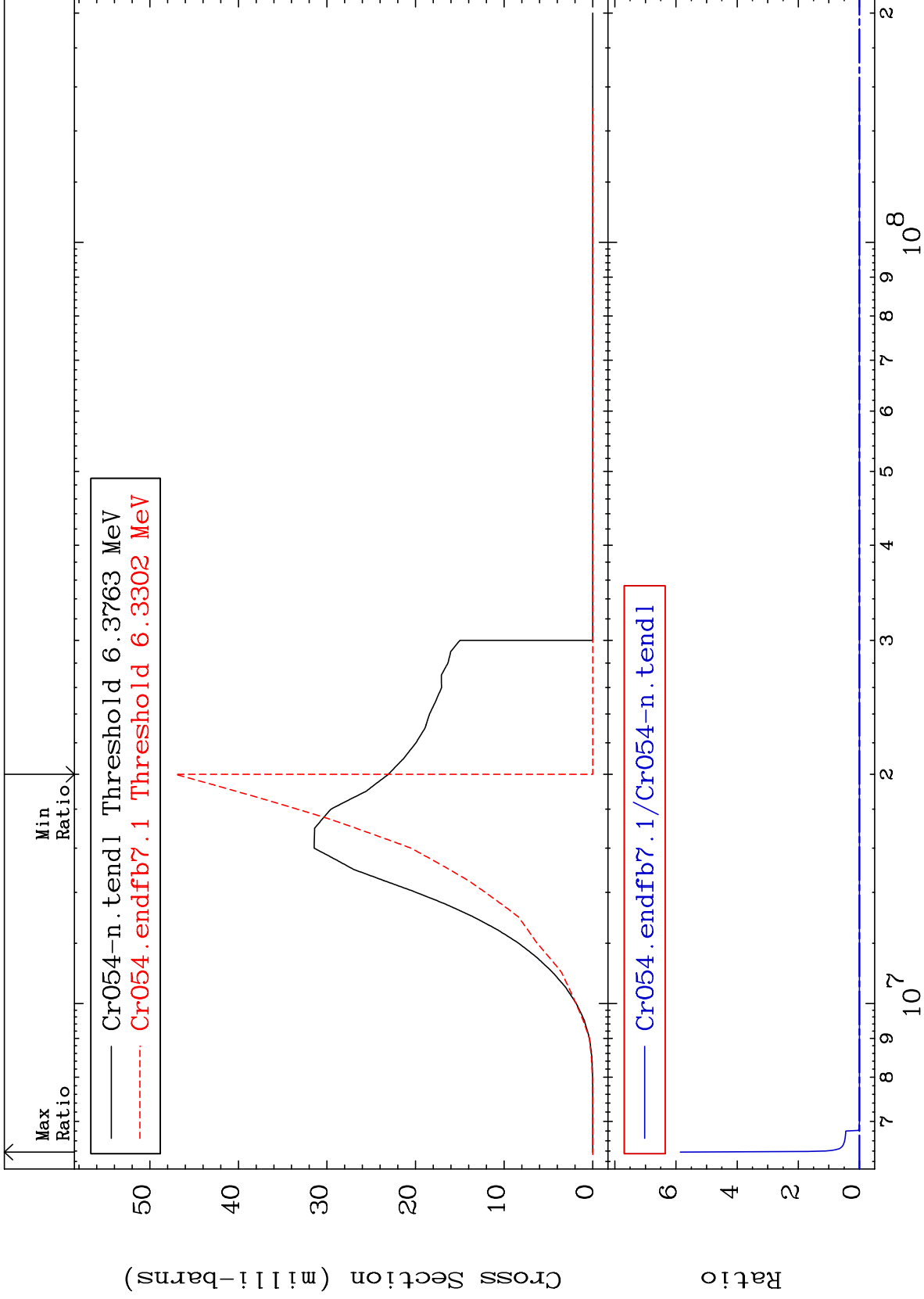
Incident Energy (eV)

24-Cr-54

MAT 2437

(n,p)
Cross Section

²⁴Cr-54
-100.0 To 9999. %



12

Incident Energy (eV)

²⁴Cr-54

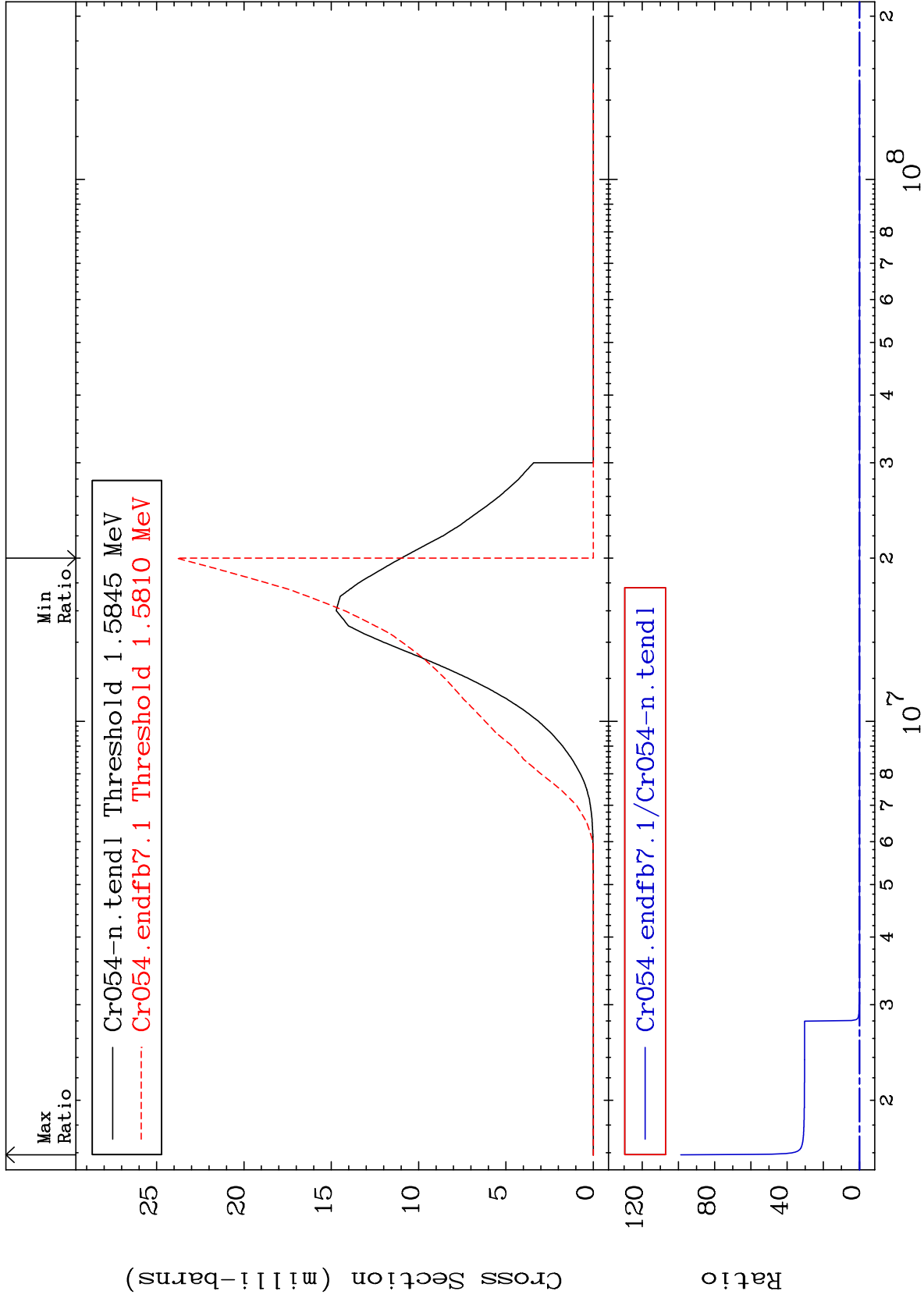
MAT 2437

(n, α)

²⁴Cr-54

Cross Section

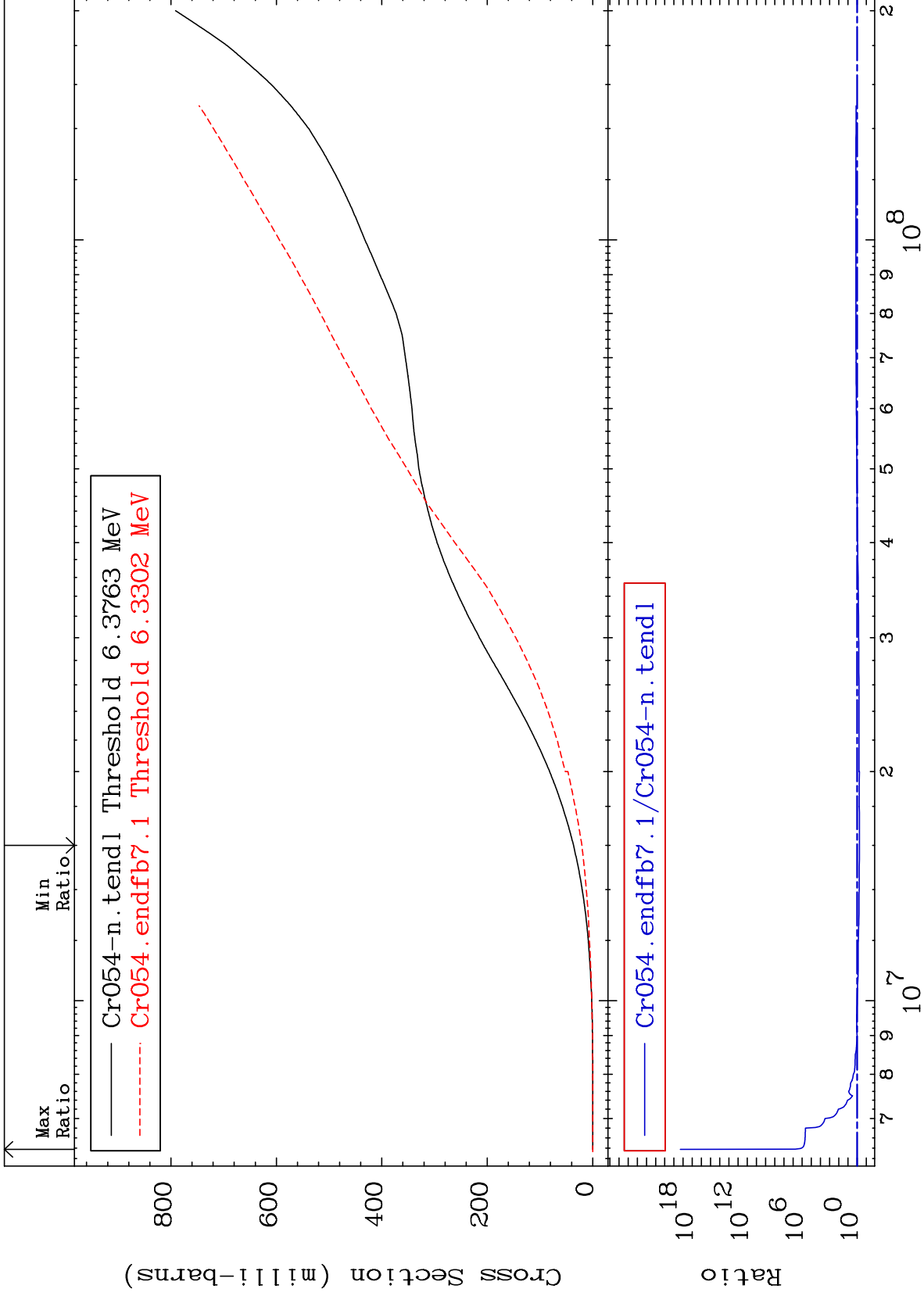
-100.0 To 9999. %



MAT 2437

Hydrogen Production
Cross Section

²⁴Cr-54
-43.58 To 9999. %



14

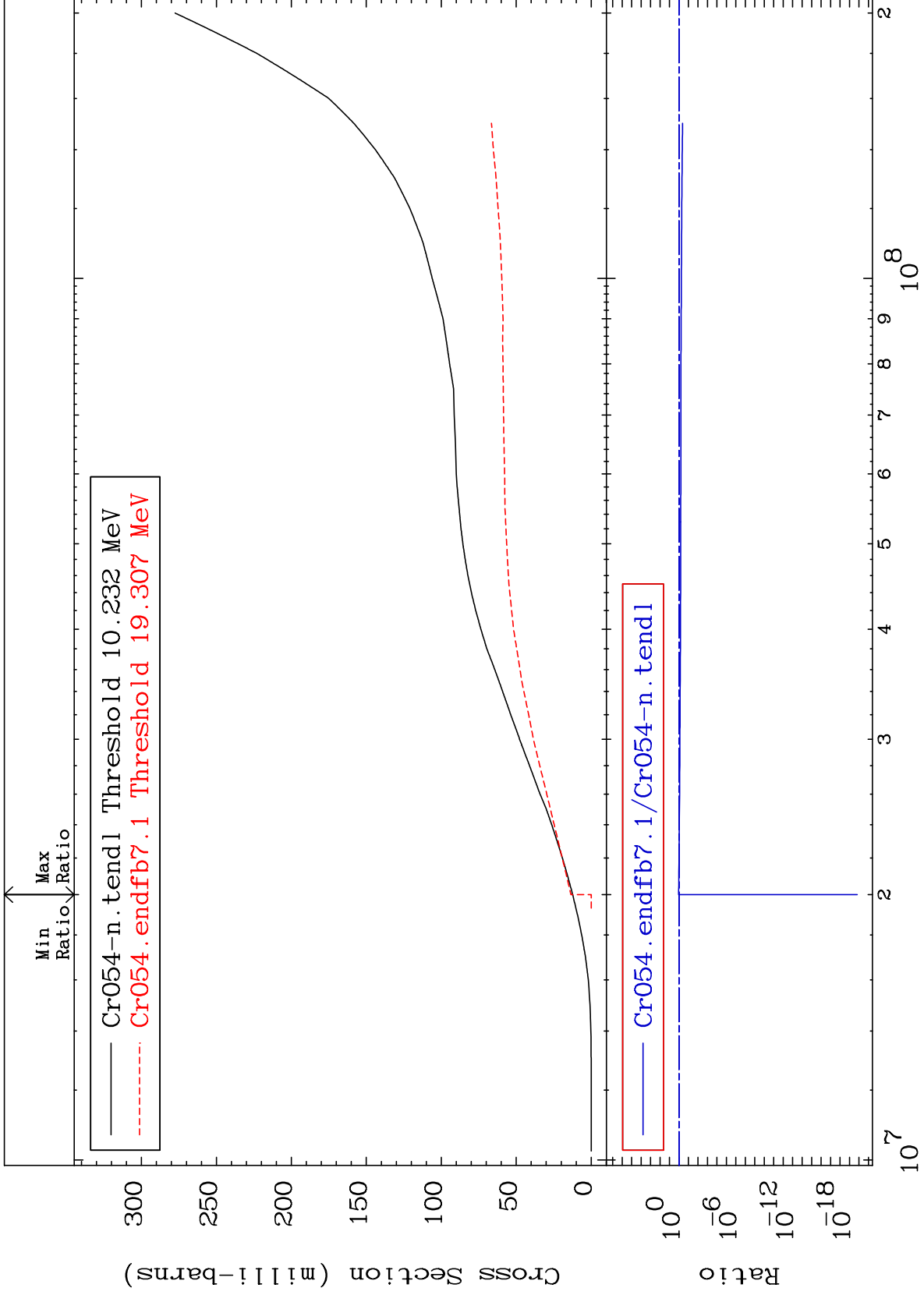
Incident Energy (eV)

²⁴Cr-54

MAT 2437

Deuterium Production
Cross Section

²⁴Cr-54
-100.0 To 9.029 %



15

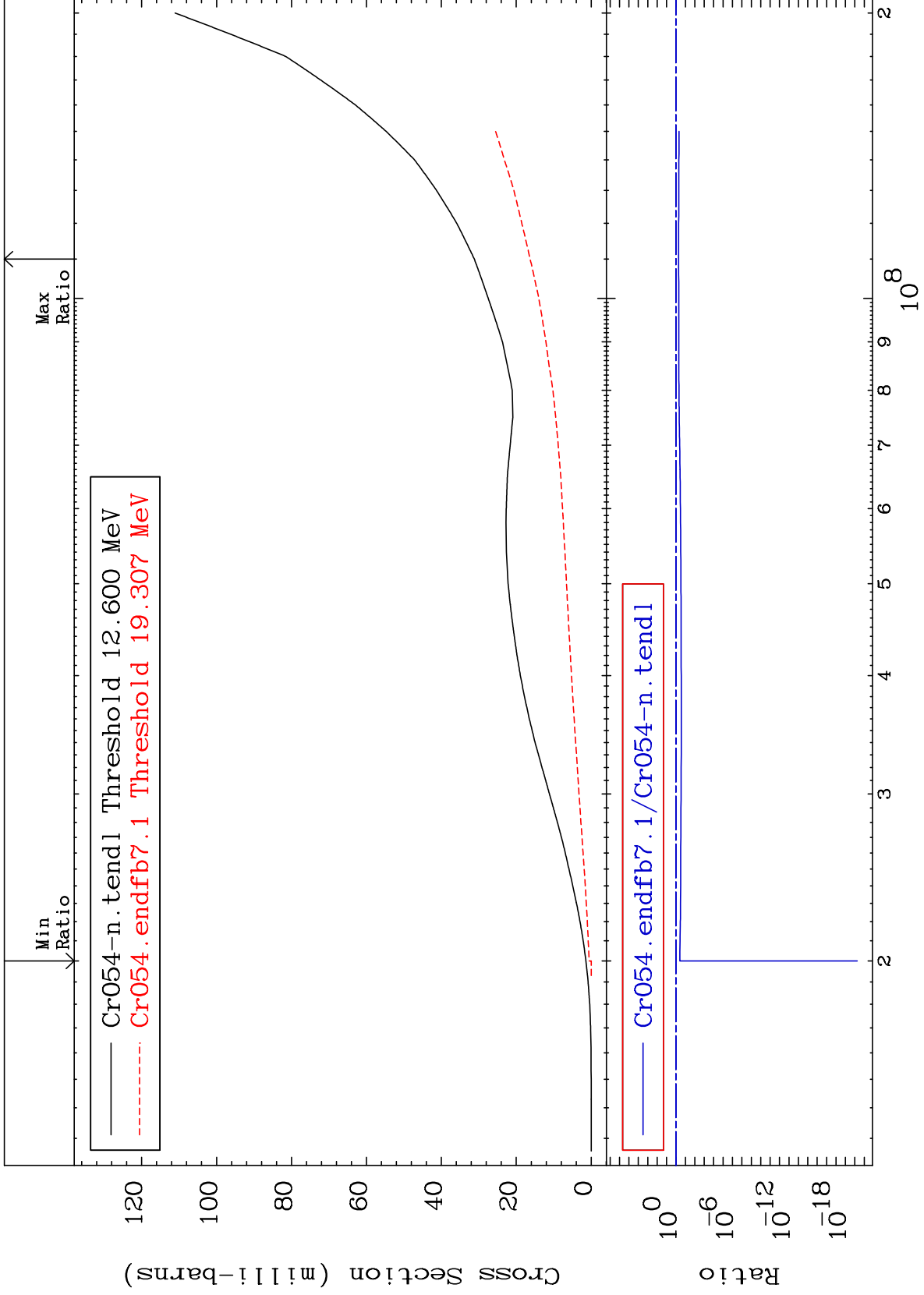
Incident Energy (eV)

²⁴Cr-54

MAT 2437

Tritium Production
Cross Section

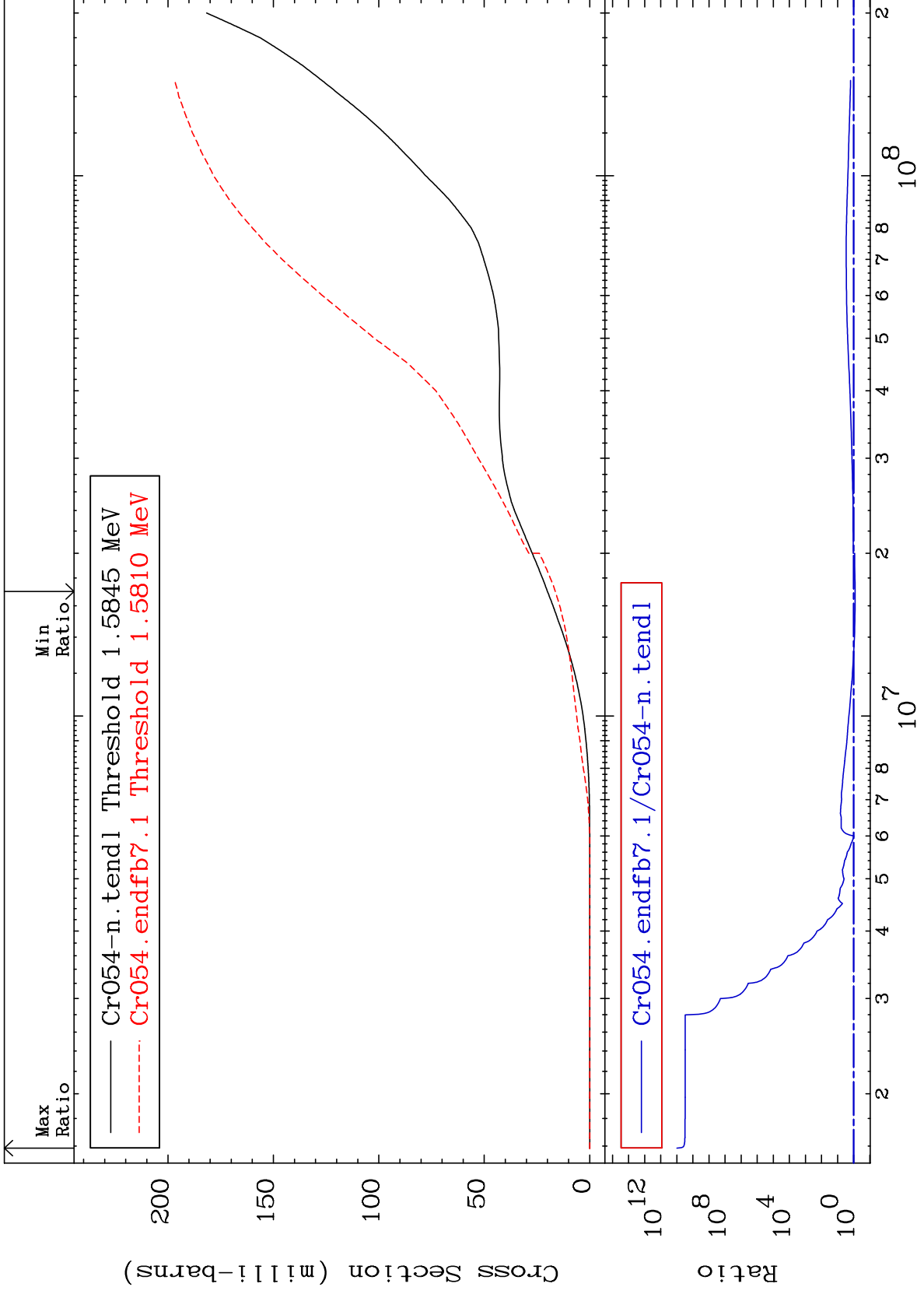
$^{24}\text{Cr}-54$
-100.0 To -47.79%



MAT 2437

He-4 Production
Cross Section

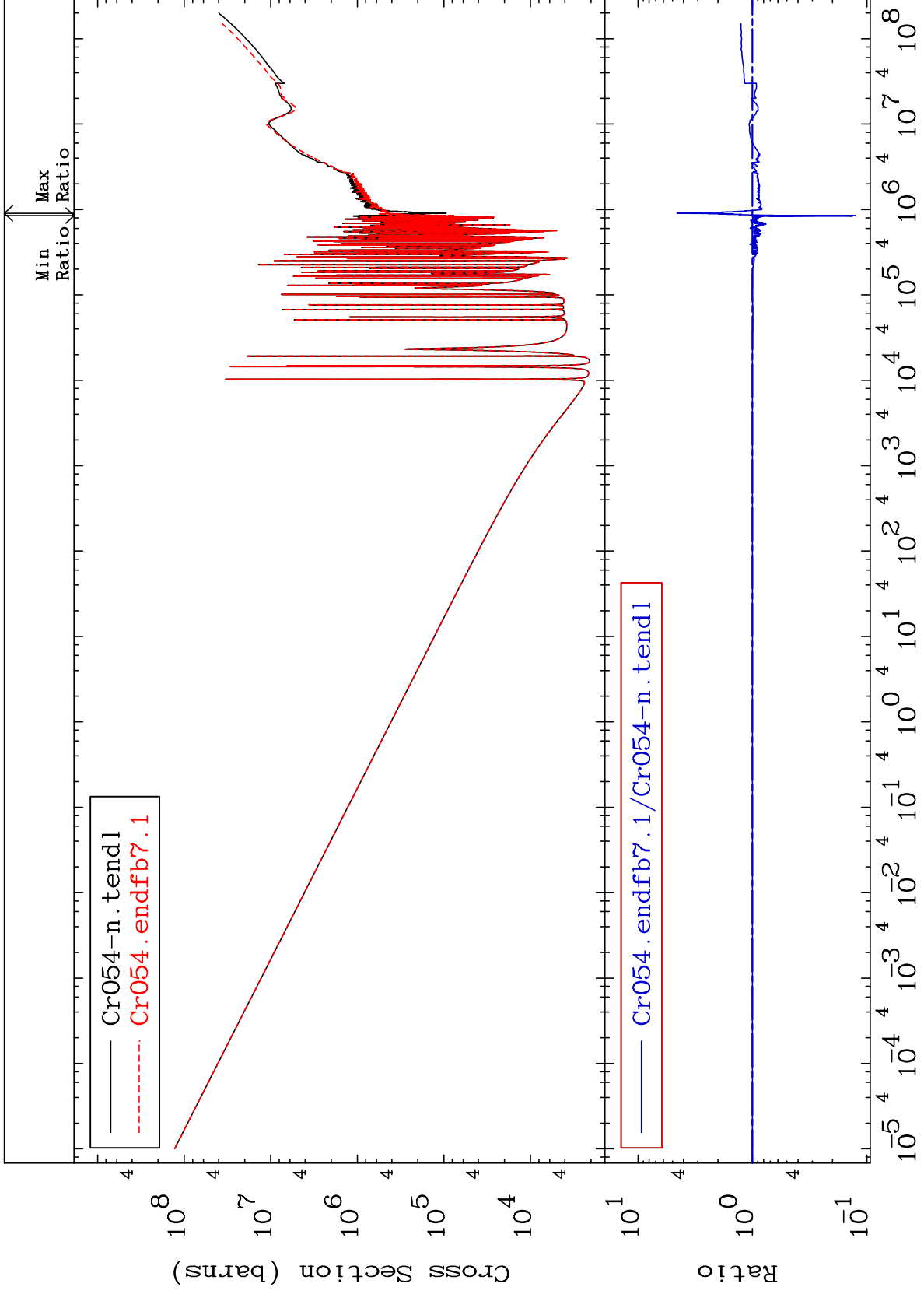
²⁴Cr-54
-18.48 To 9999. %



MAT 2437

Kerma total (eV-barns)
Cross Section

24-Cr-54
-87.34 To 357.6 %



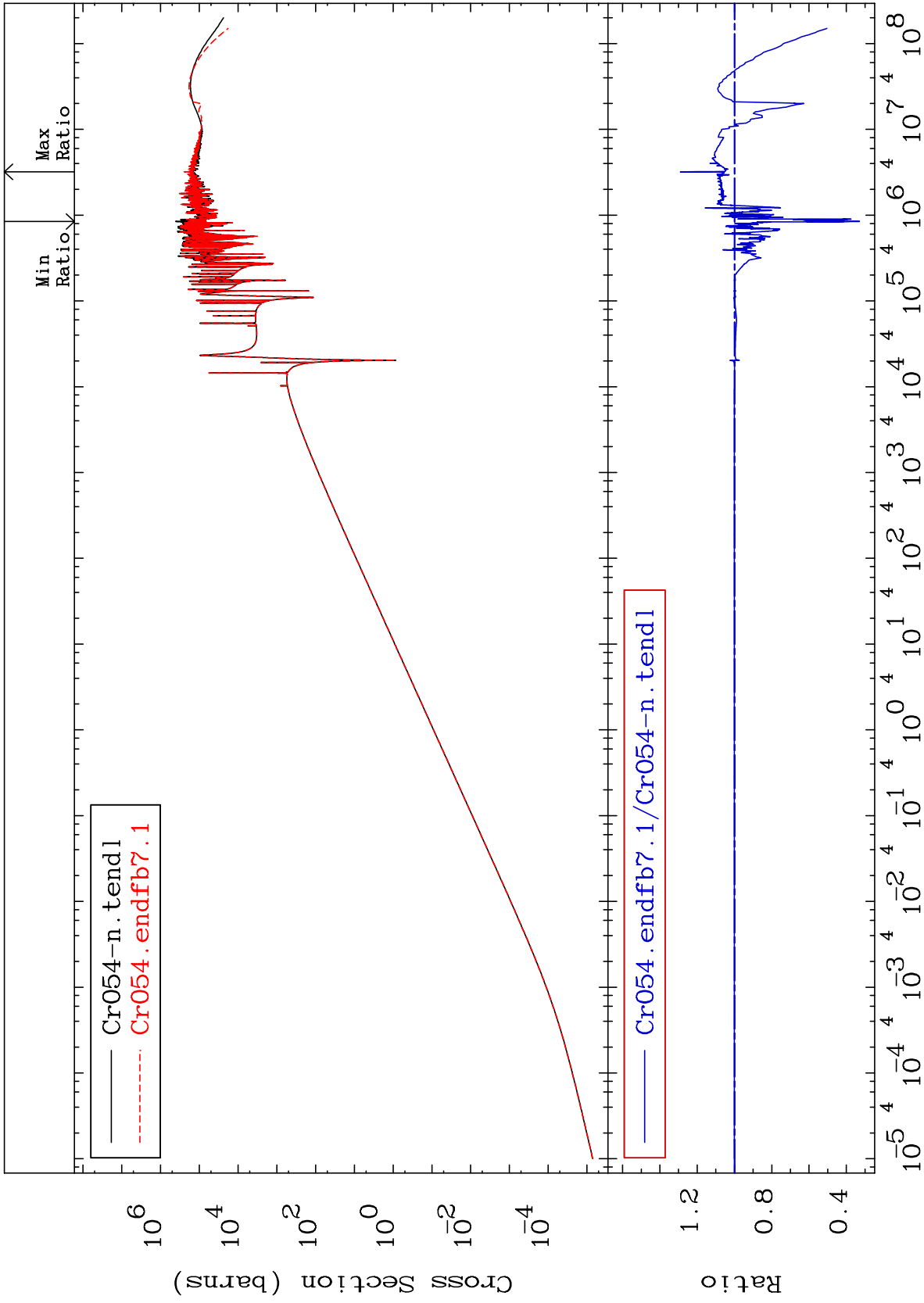
Cr054-n.tendl
Cr054.endfb7.1

Cr054.endfb7.1/Cr054-n.tendl

MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-67.01 To 29.01 %



19

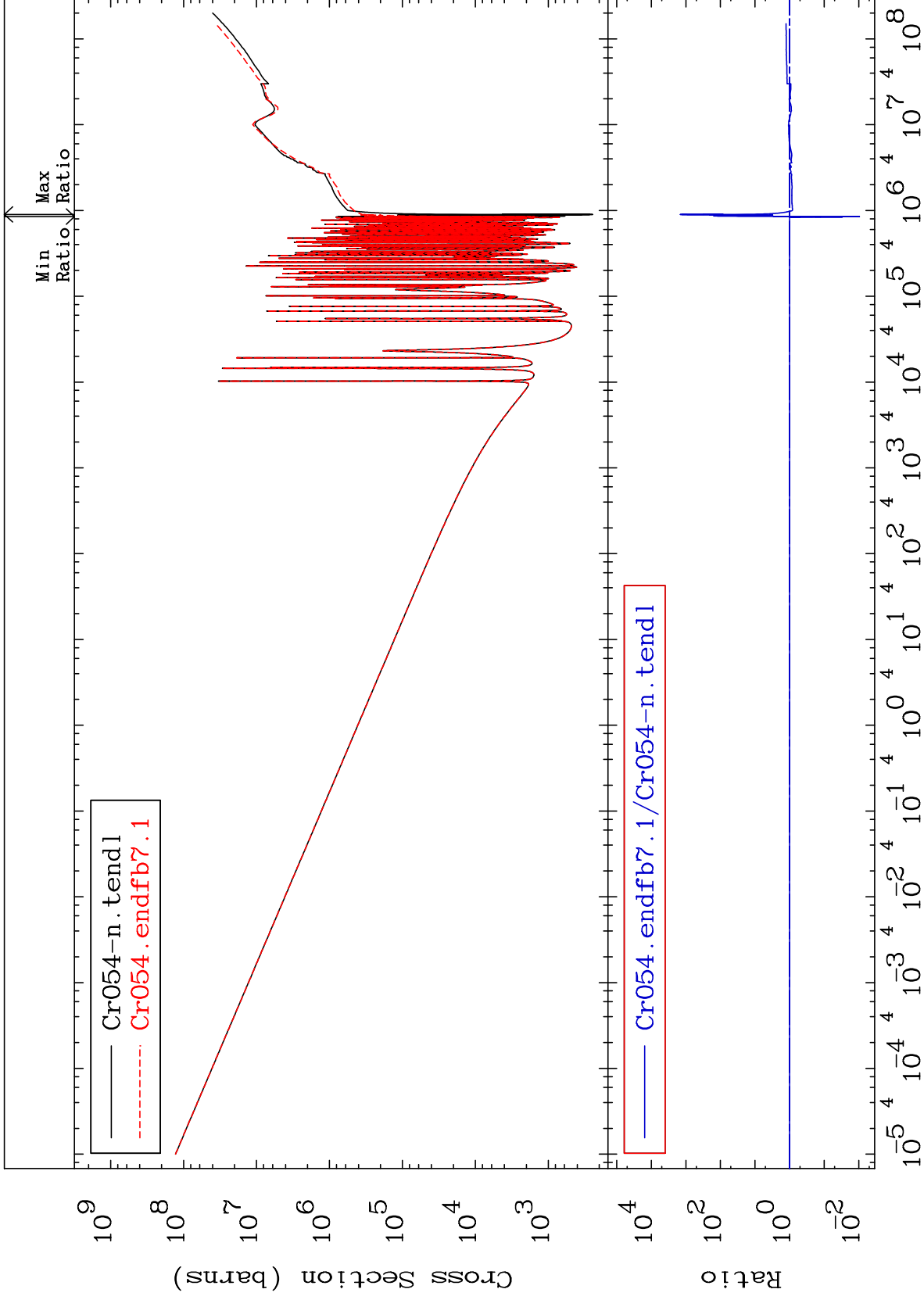
Incident Energy (eV)

24-Cr-54

MAT 2437

Kerma non-elastic (all but mt2)
Cross Section

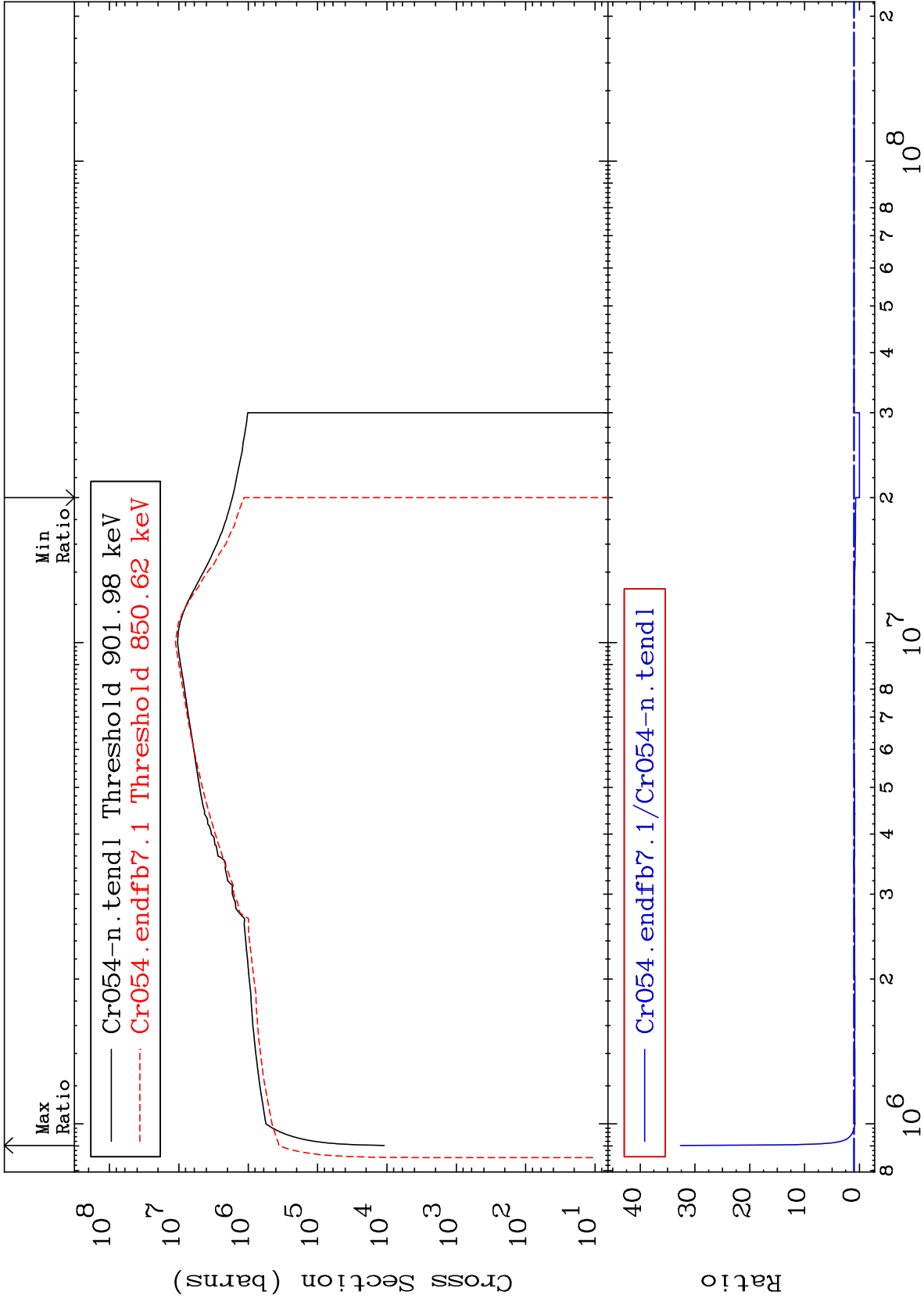
24-Cr-54
-99.05 To 9999. %



MAT 2437

Kerma inelastic (mt51-91)
Cross Section

²⁴Cr-54
-100.0 To 3167. %



21

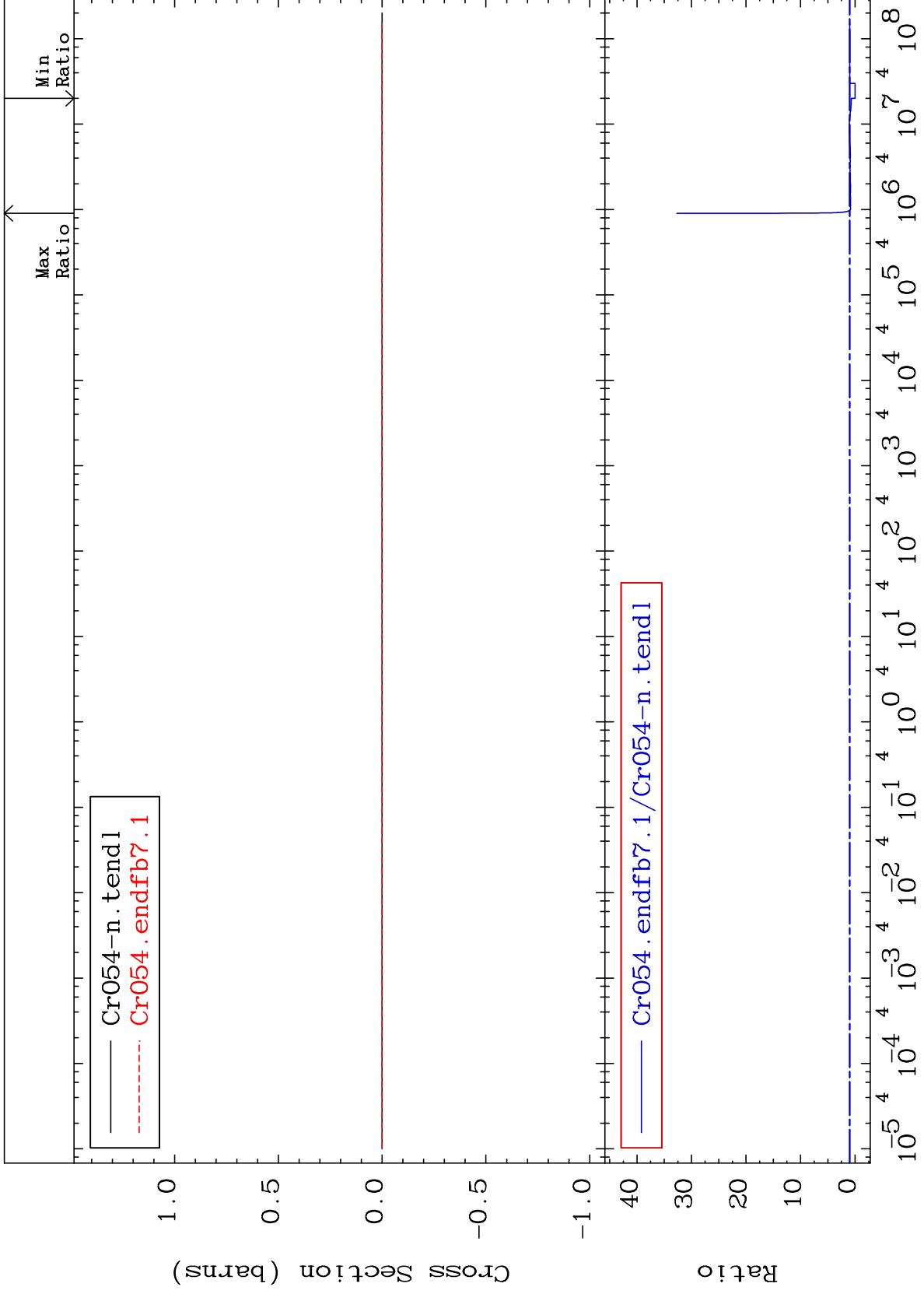
Incident Energy (eV)

²⁴Cr-54

MAT 2437

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

24-Cr-54
-100.0 To 3167. %



22

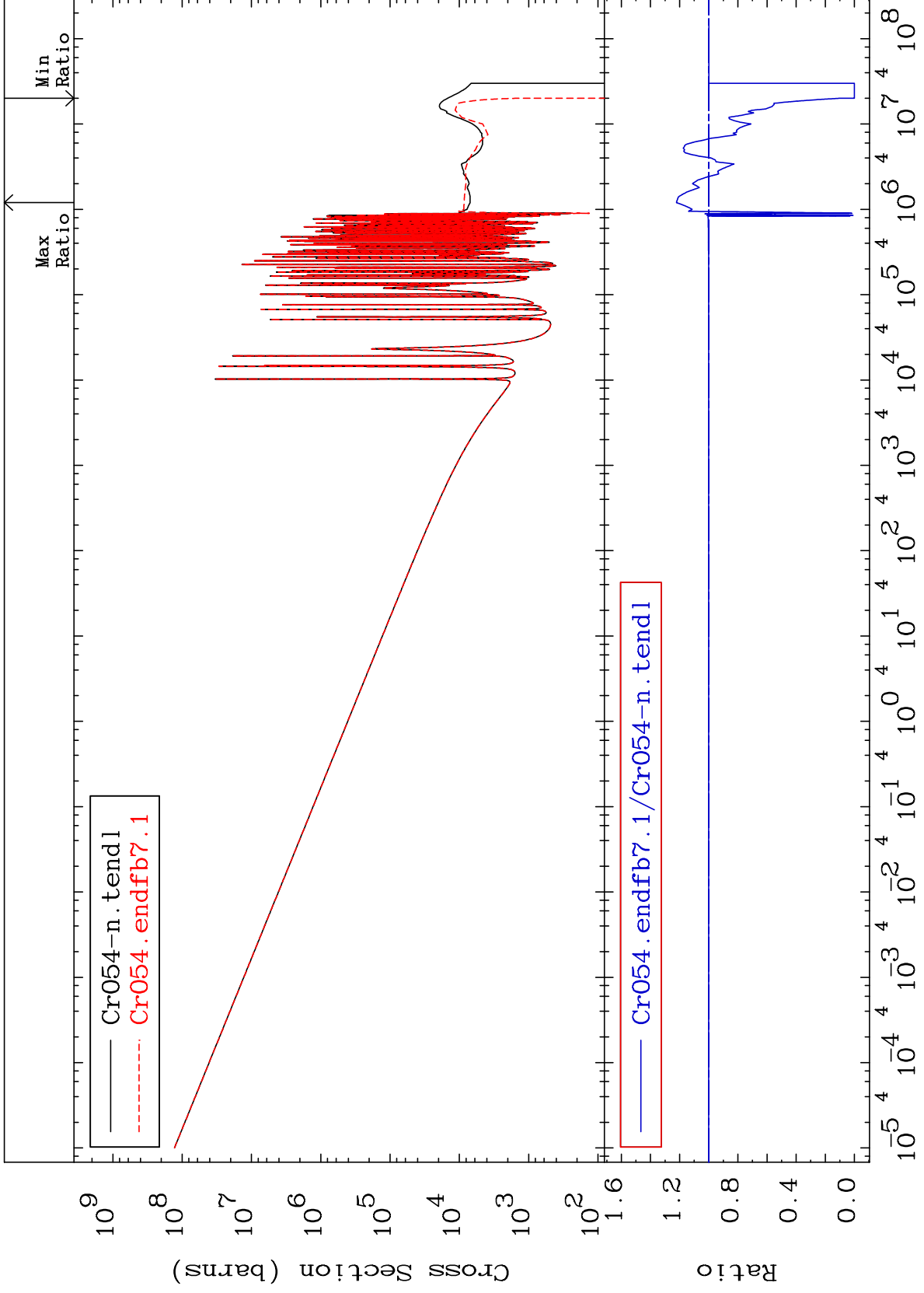
Incident Energy (eV)

24-Cr-54

MAT 2437

Kerma capture (mt102)
Cross Section

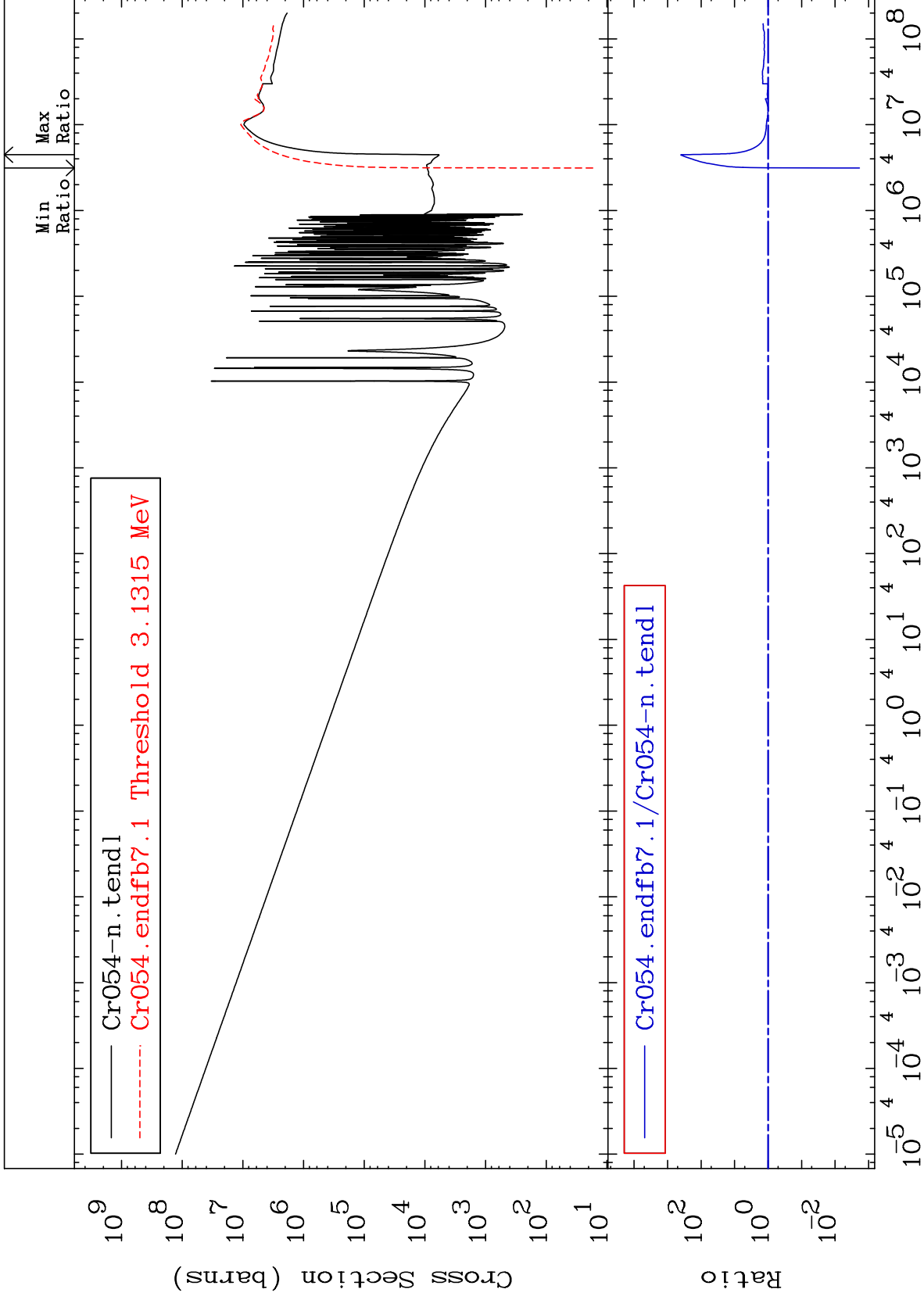
24-Cr-54
-100.0 To 22.25 %



23

Incident Energy (eV)

24-Cr-54

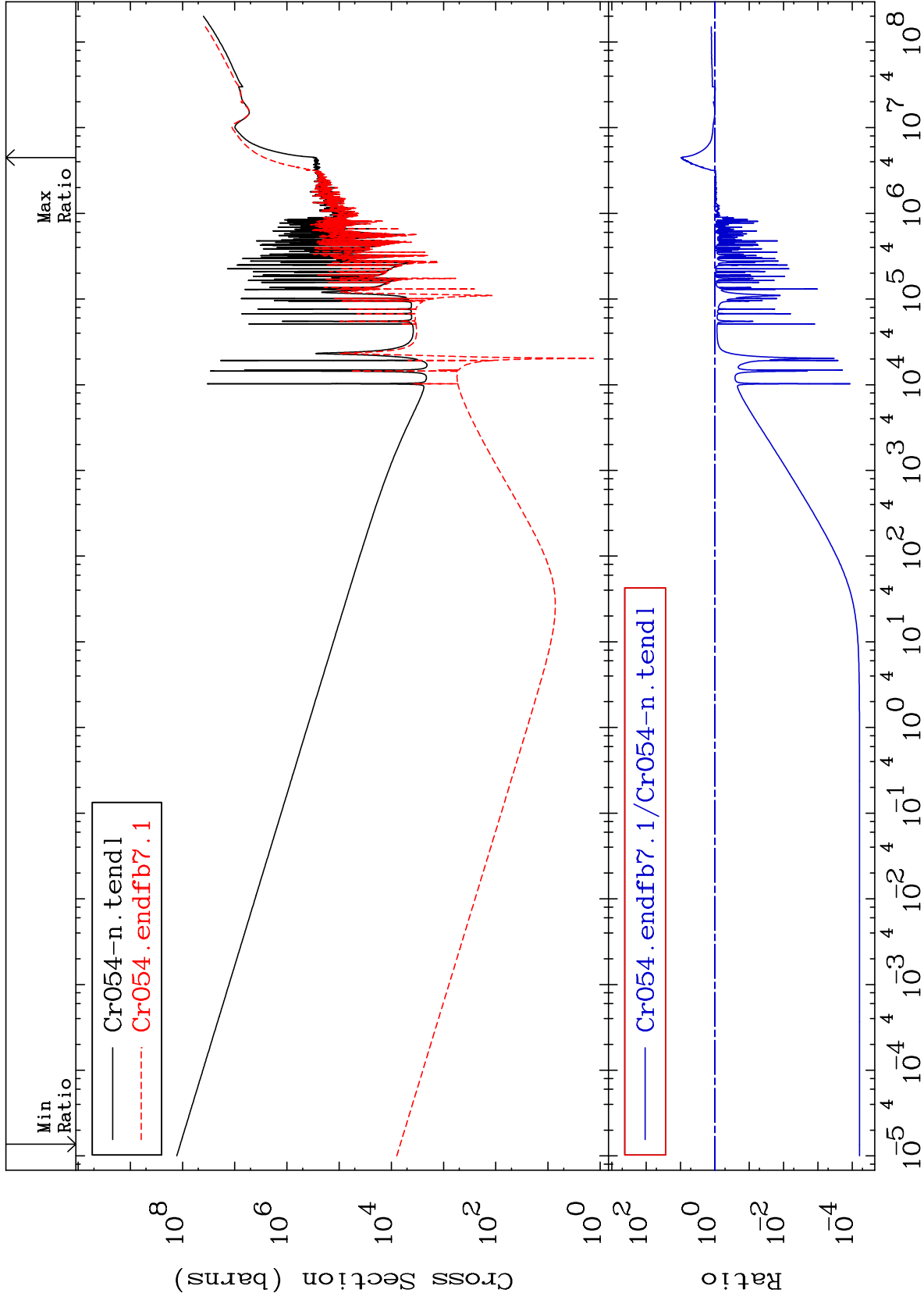


MAT 2437

Total kinematic kerma (high limit)
Cross Section

24-Cr-54

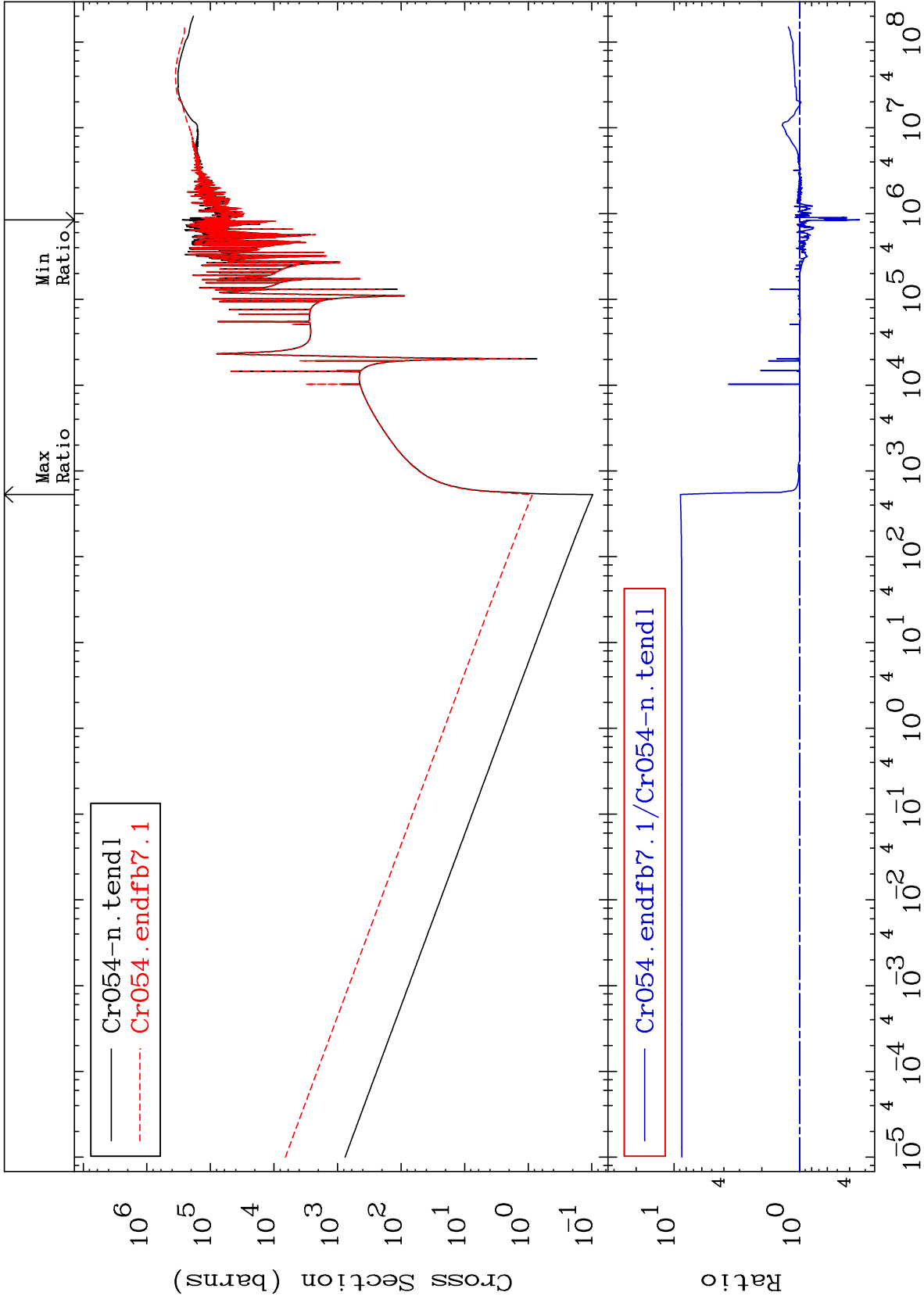
-99.99 To 880.3 %

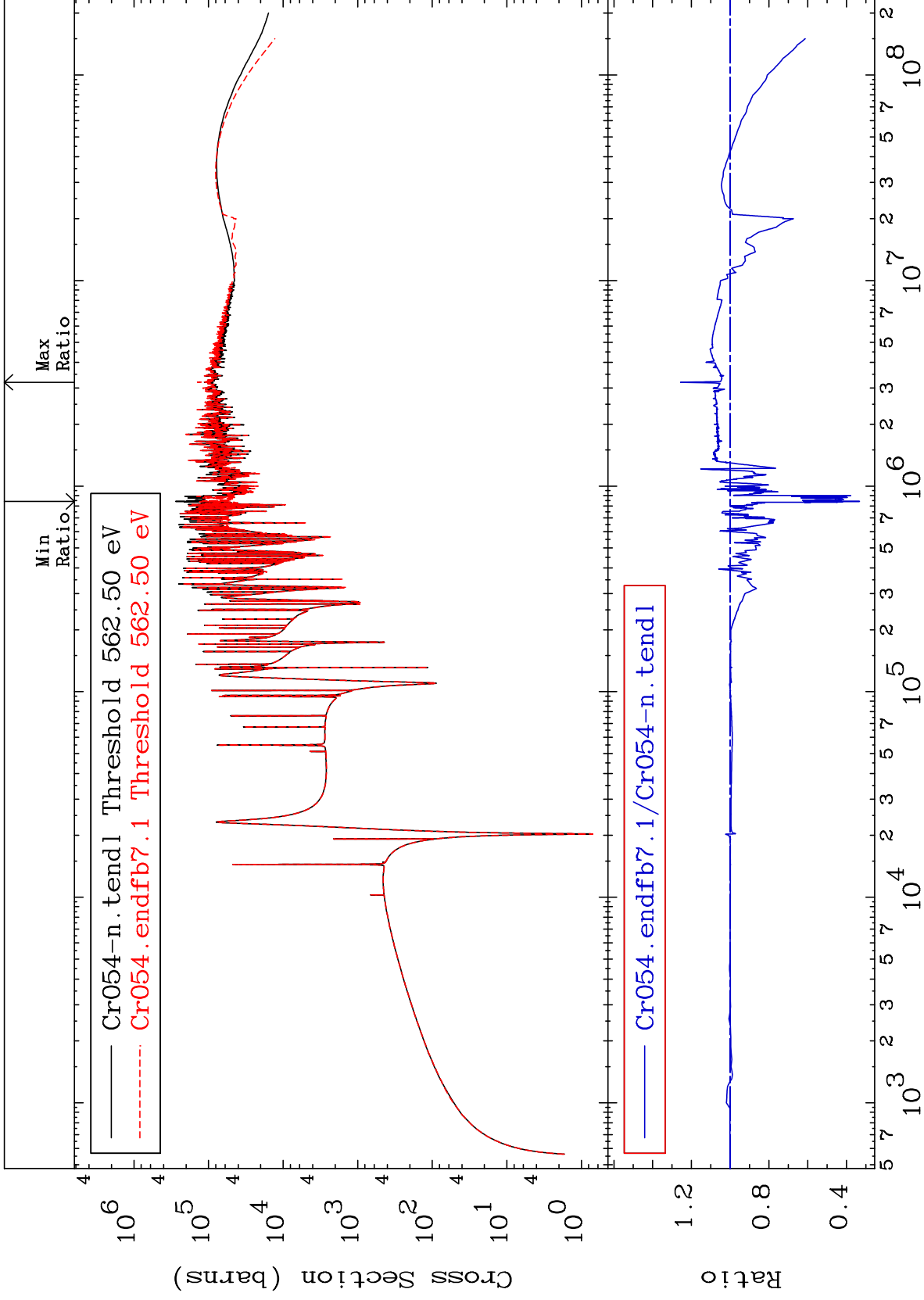


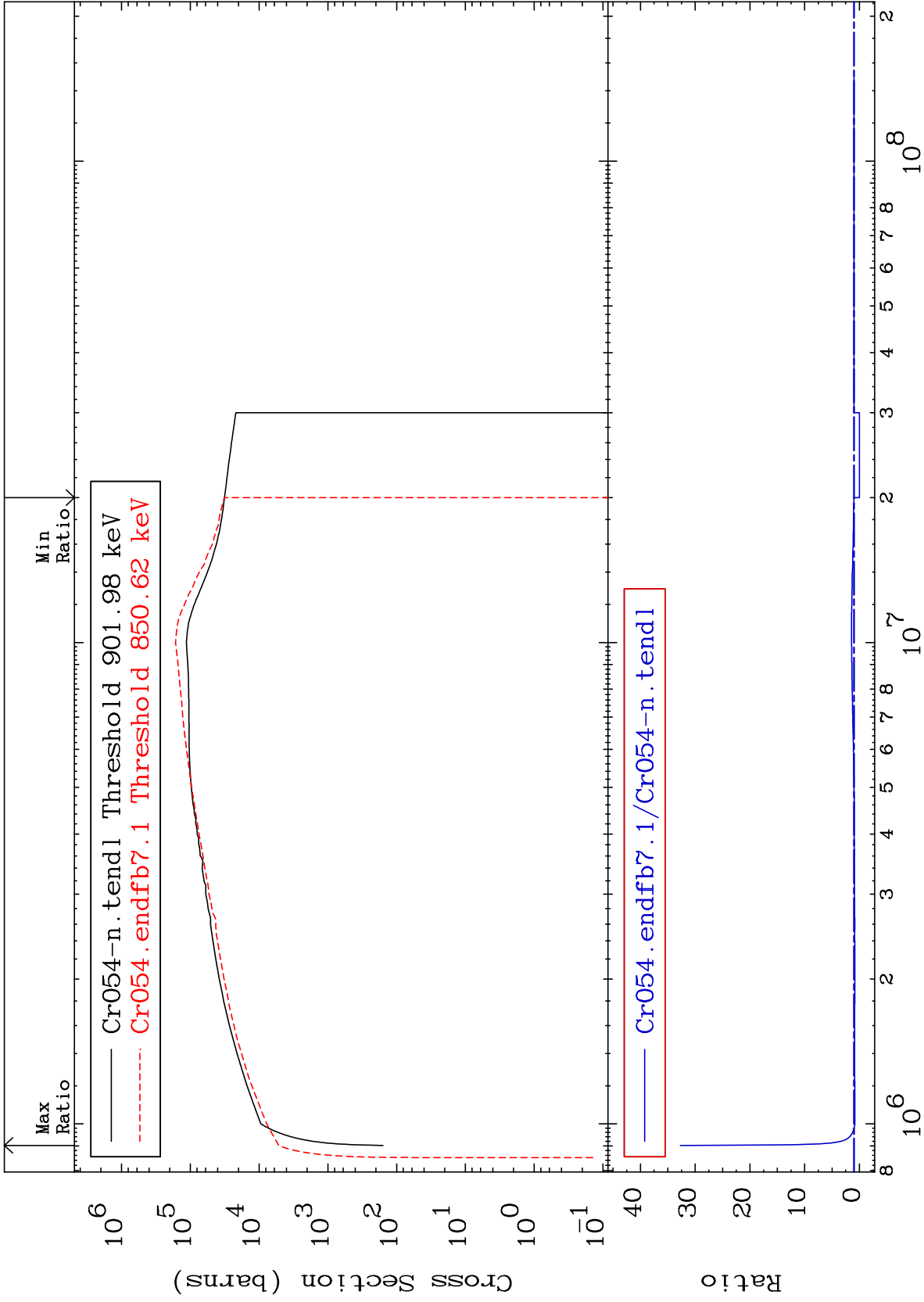
25

Incident Energy (eV)

24-Cr-54



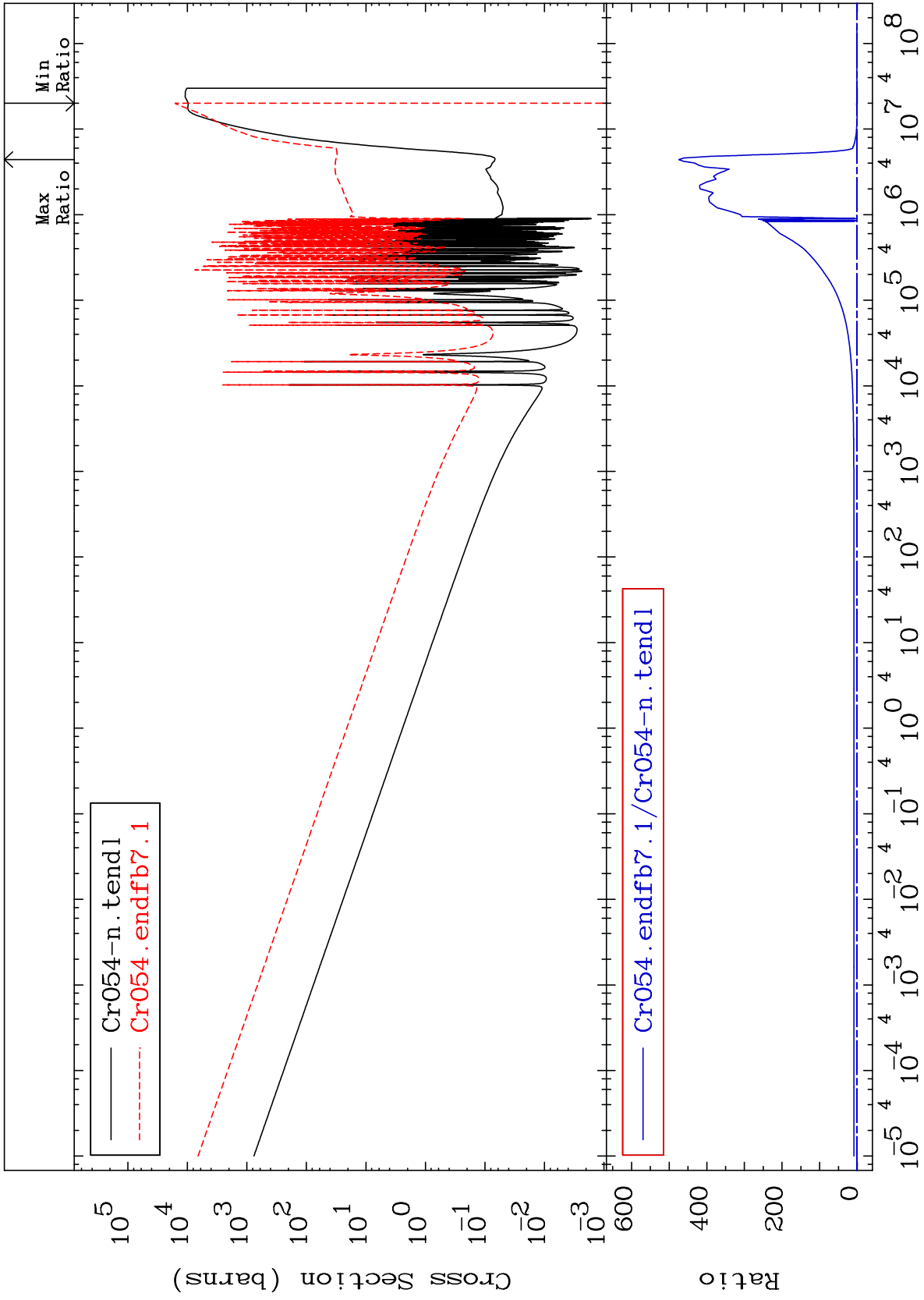




MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-100.0 To 9999. %



— Cr054-n.tendl
- - - Cr054.endfb7.1

— Cr054.endfb7.1/Cr054-n.tendl