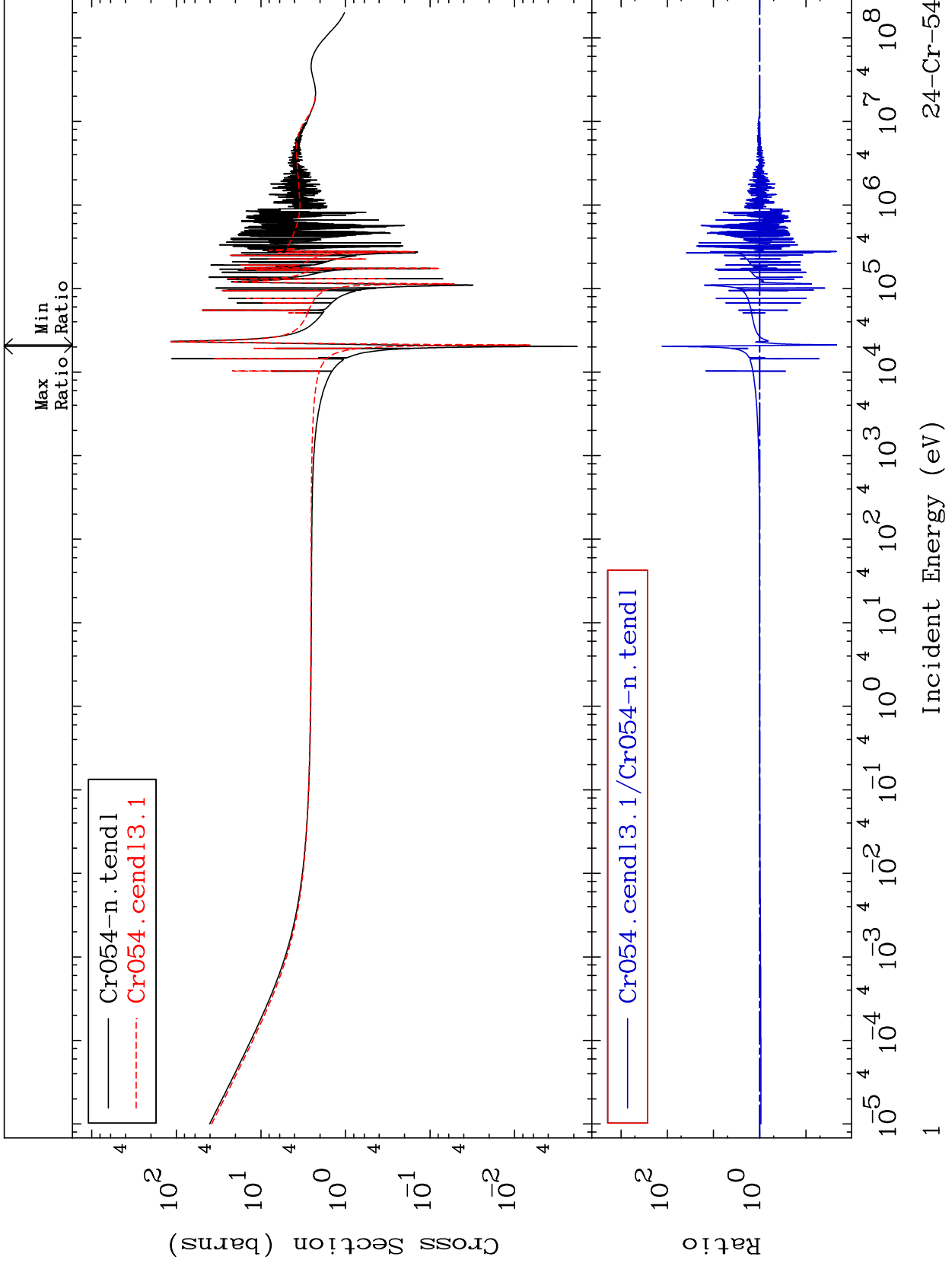


MAT 2437

Total
Cross Section

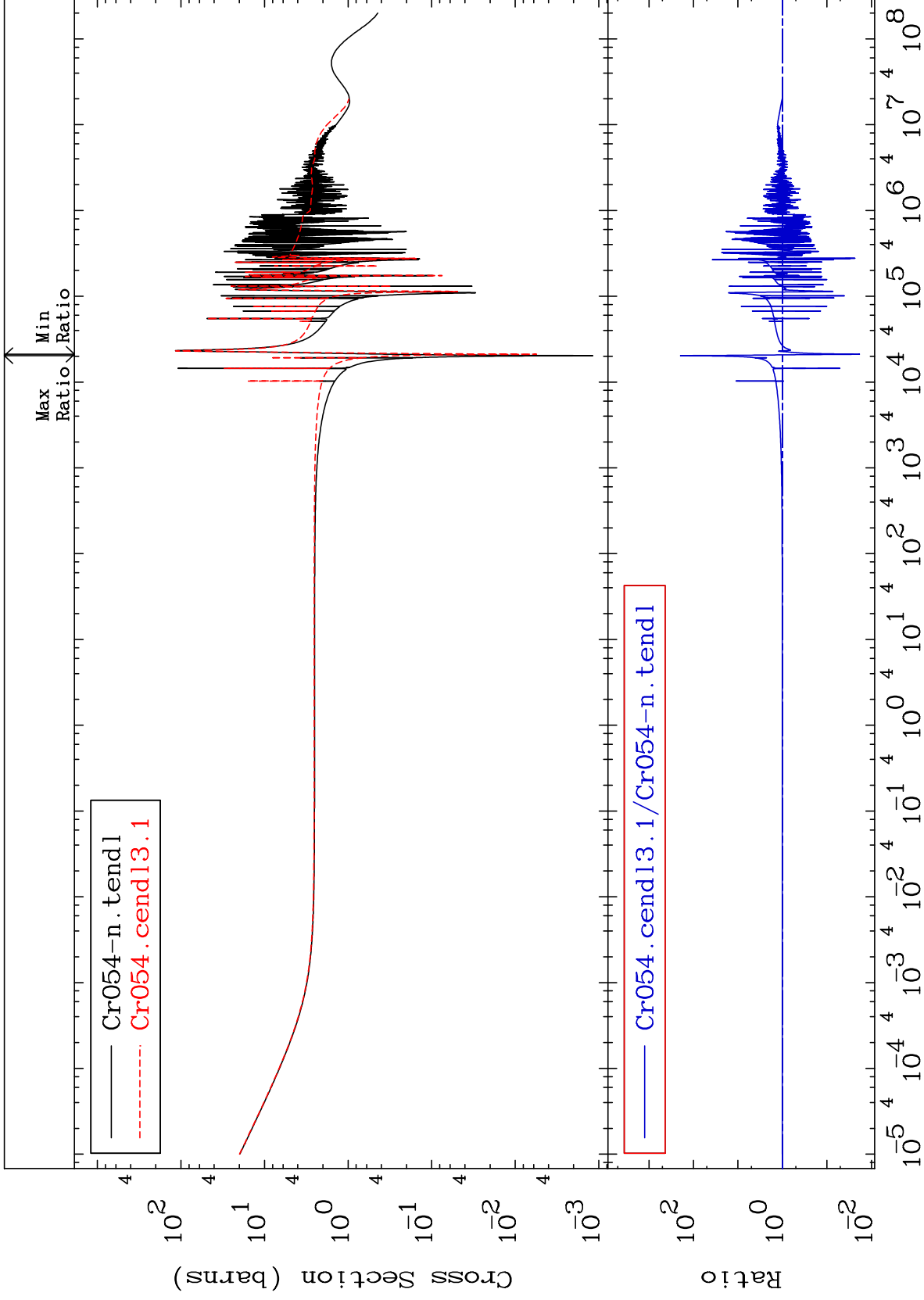
24-Cr-54
-97.82 To 9999. %



MAT 2437

Elastic
Cross Section

24-Cr-54
-98.14 To 9999. %



2

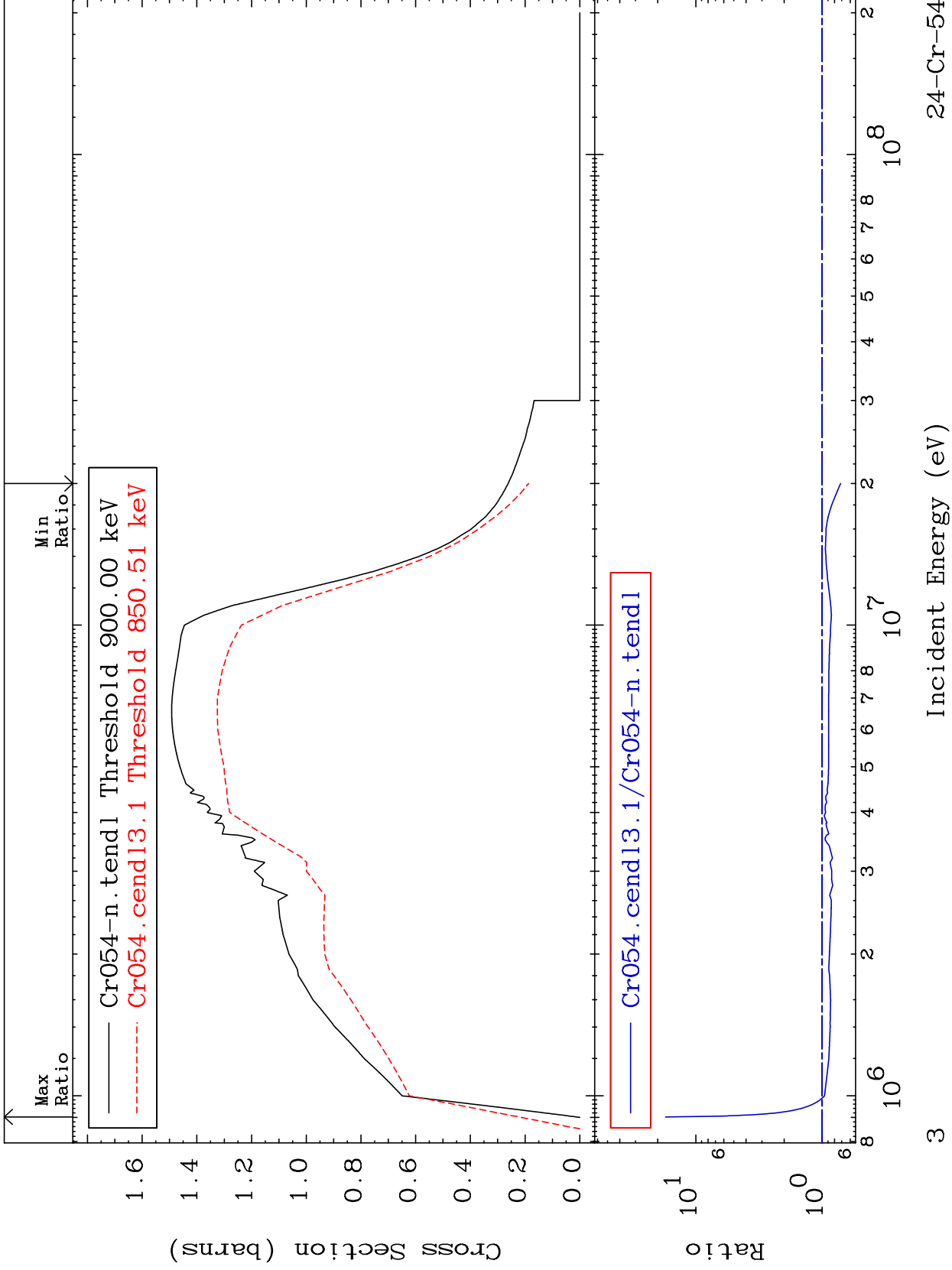
Incident Energy (eV)

24-Cr-54

MAT 2437

Inelastic
Cross Section

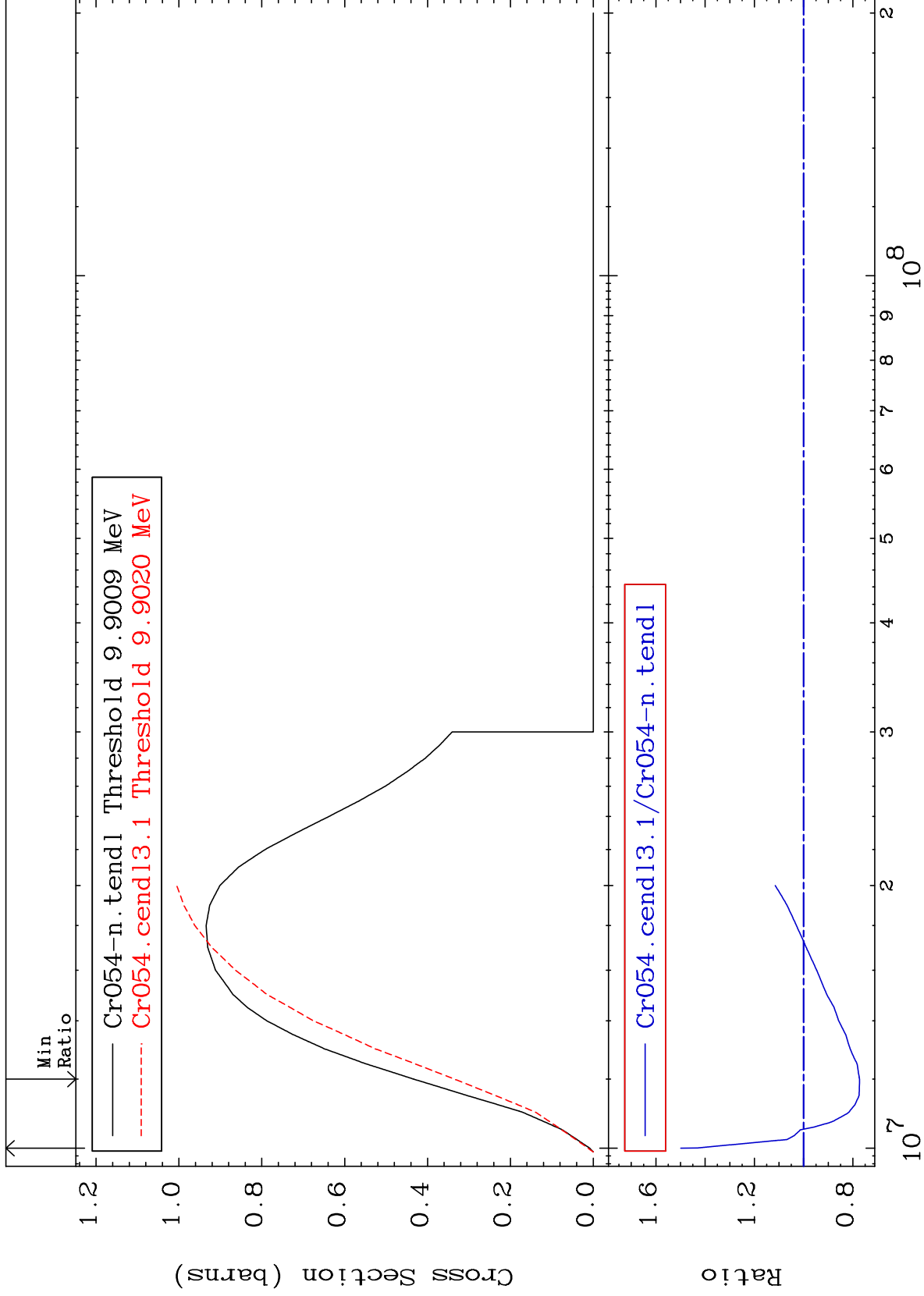
²⁴Cr-54
-28.57 To 1638. %



MAT 2437

(n,2n)
Cross Section

²⁴Cr-54
-22.71 To 49.89 %

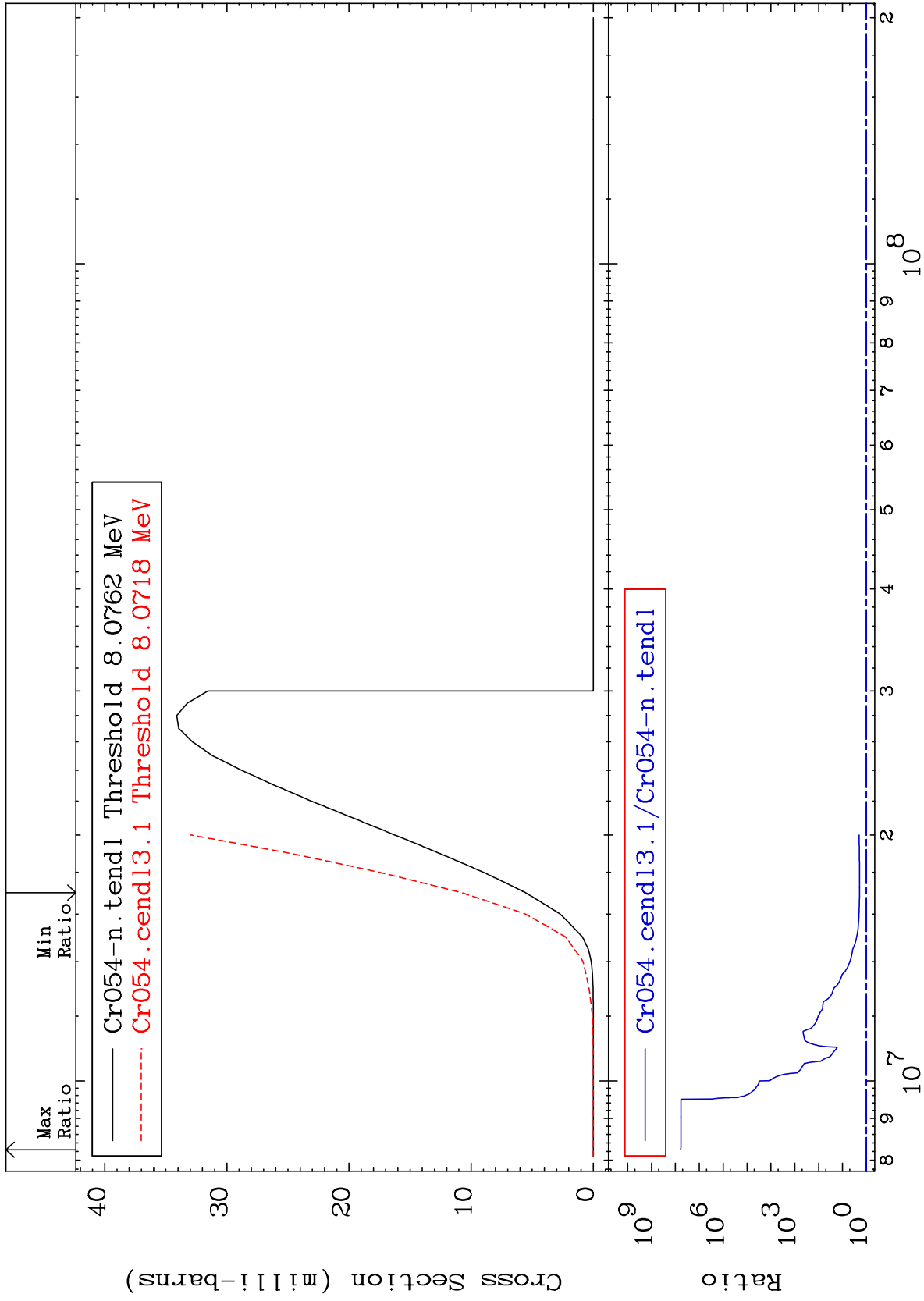


24-Cr-54

MAT 2437

(n, n') α
Cross Section

24-Cr-54
94.33 To 9999. %



5

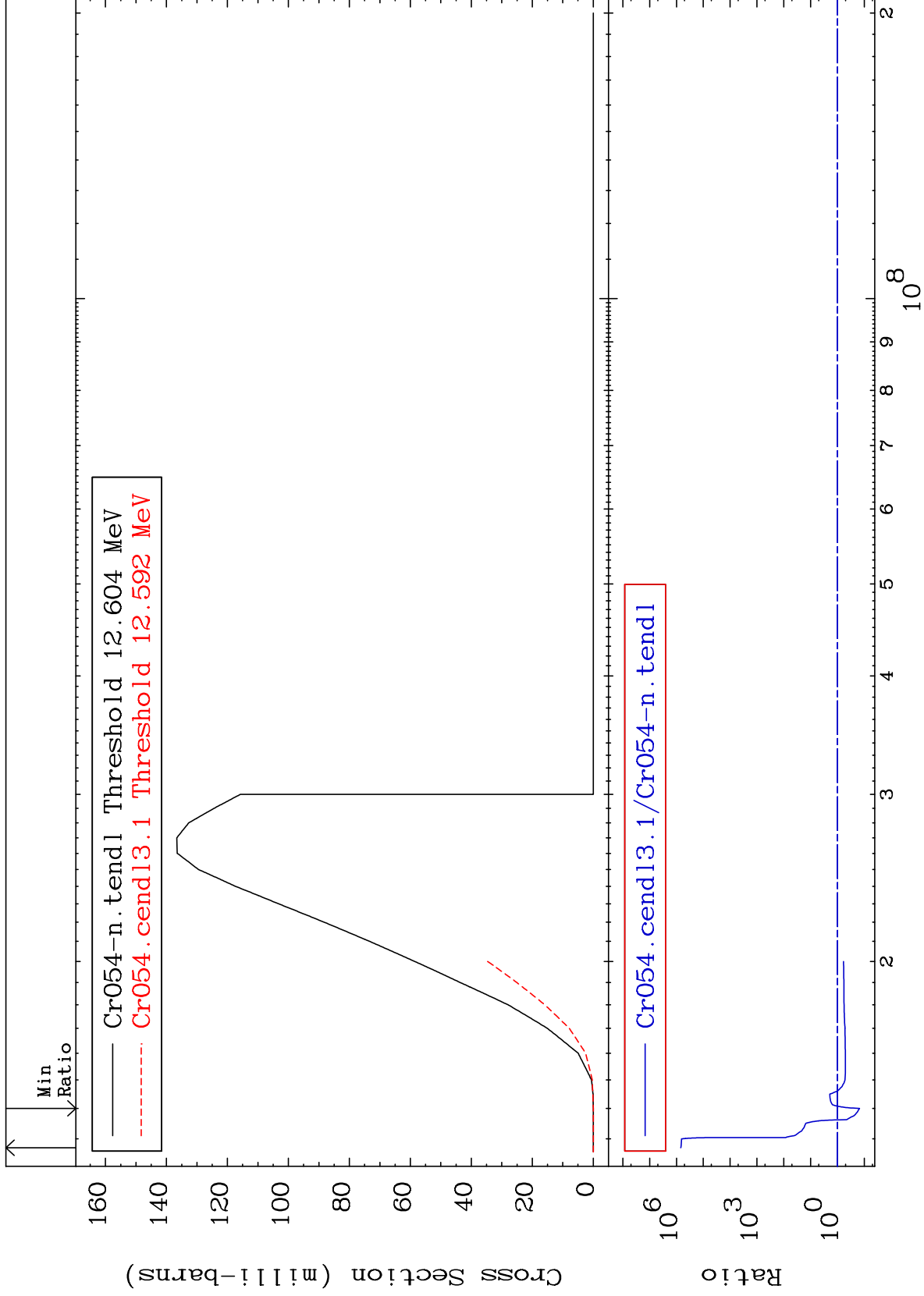
Incident Energy (eV)

24-Cr-54

MAT 2437

(n, n') p
Cross Section

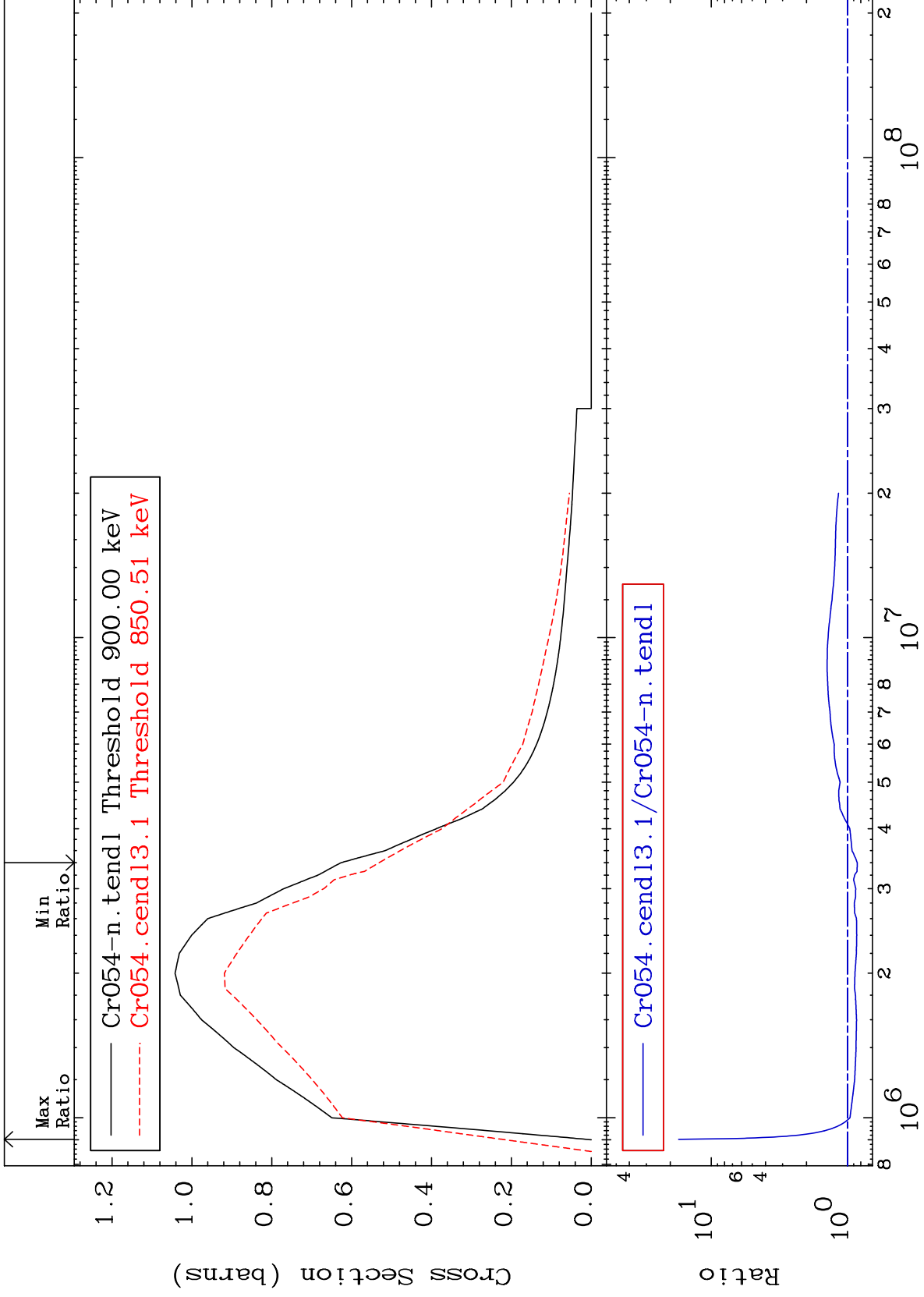
²⁴Cr-54
-84.97 To 9999. %



MAT 2437

834.9 keV (n,n') Level
Cross Section

24-Cr-54
-15.21 To 1638. %



7

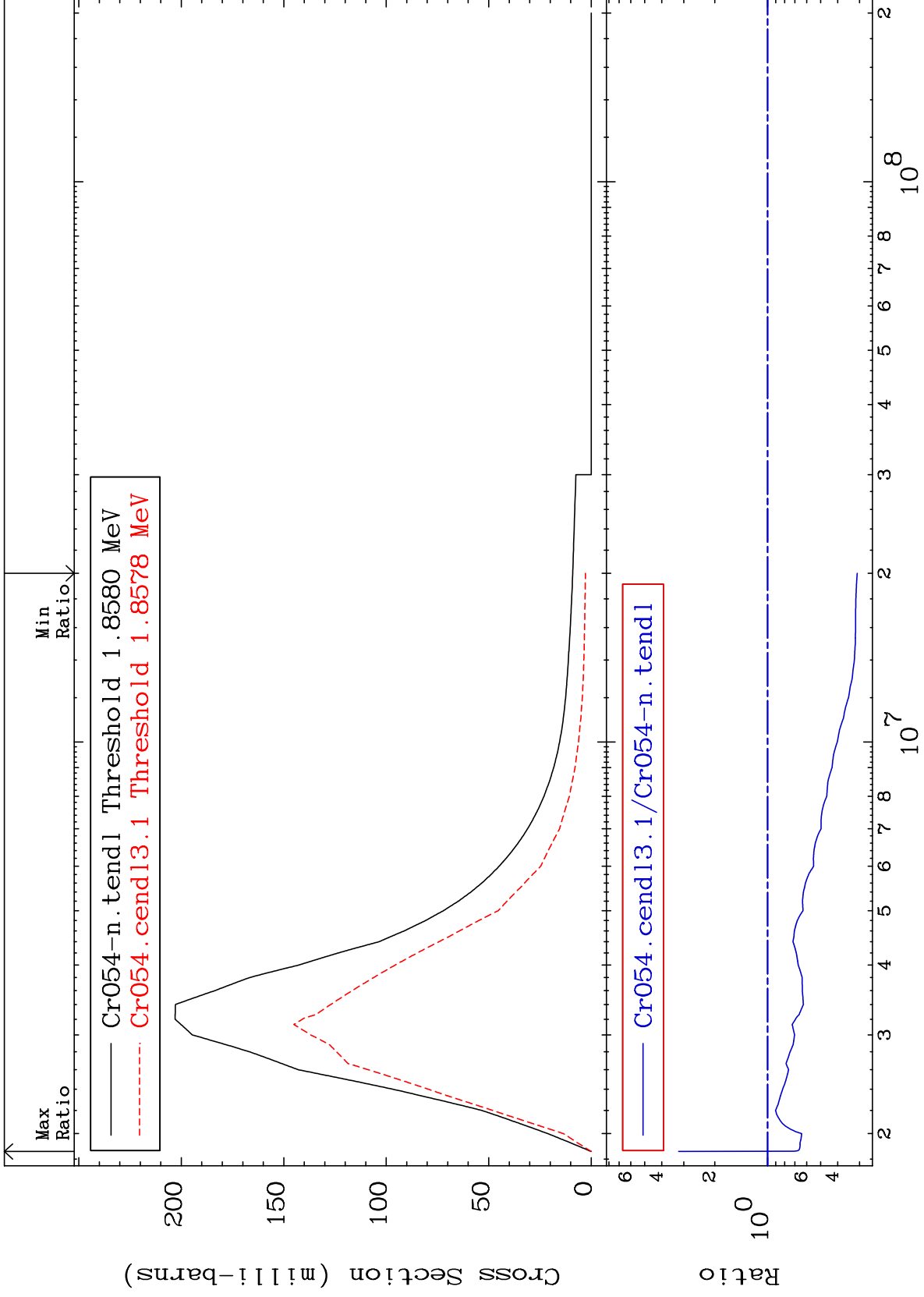
Incident Energy (eV)

24-Cr-54

MAT 2437

1.824 MeV (n,n') Level
Cross Section

²⁴Cr-54
-69.07 To 220.9 %



8

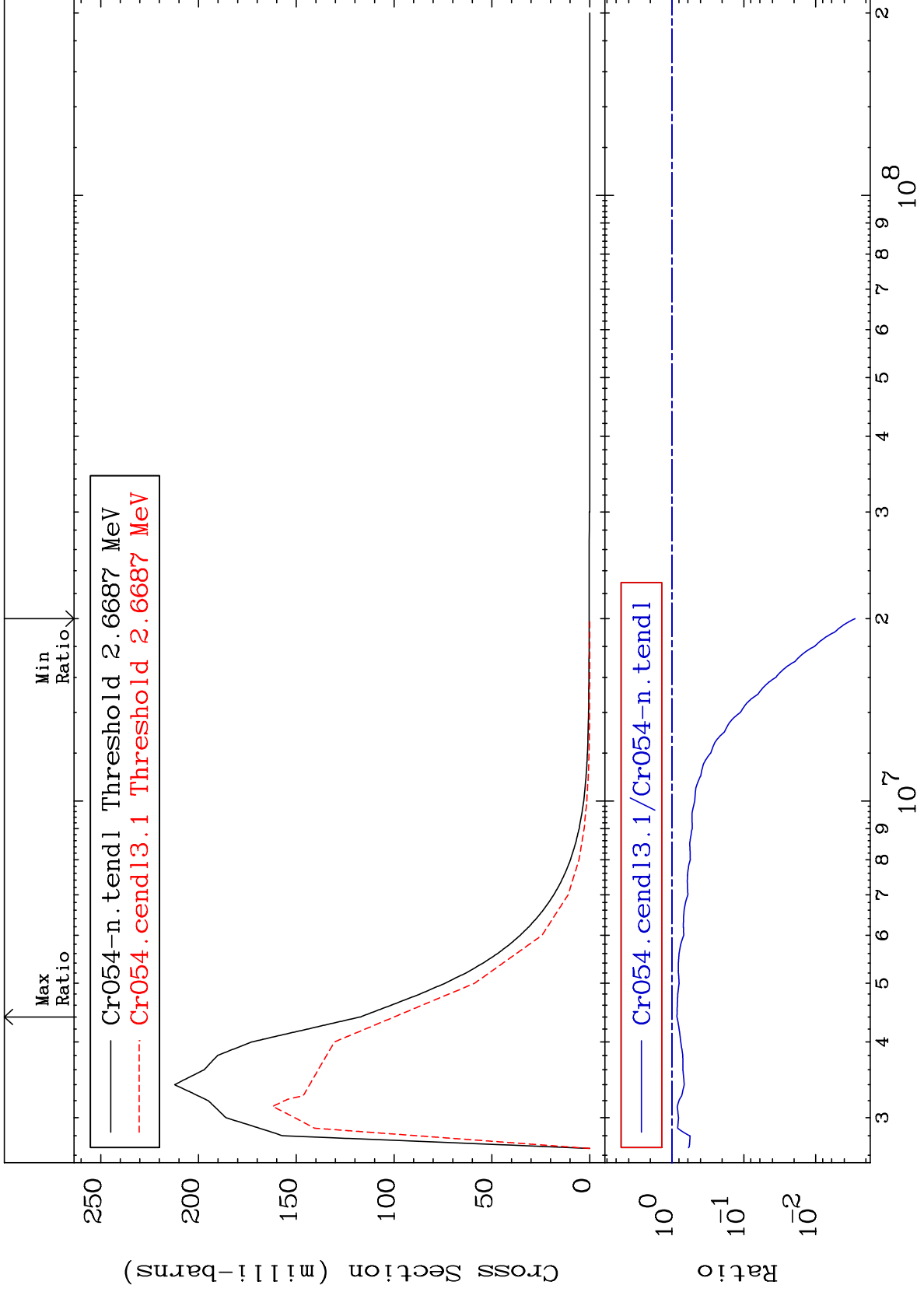
Incident Energy (eV)

²⁴Cr-54

MAT 2437

2.620 MeV (n,n') Level
Cross Section

²⁴Cr-54
-99.72 To -14.72%



9

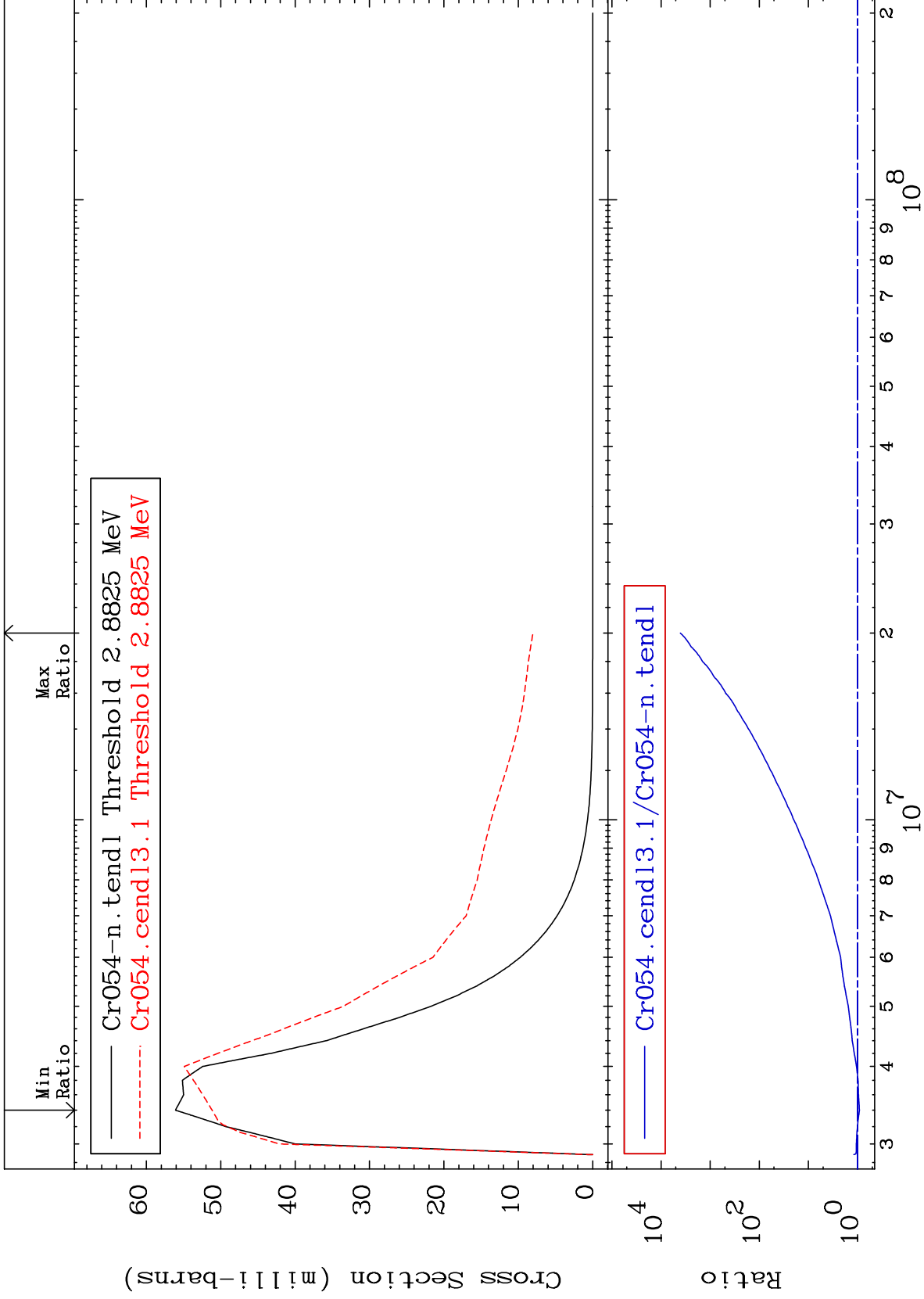
Incident Energy (eV)

²⁴Cr-54

MAT 2437

2.830 MeV (n,n') Level
Cross Section

24-Cr-54
-8.770 To 9999. %



10

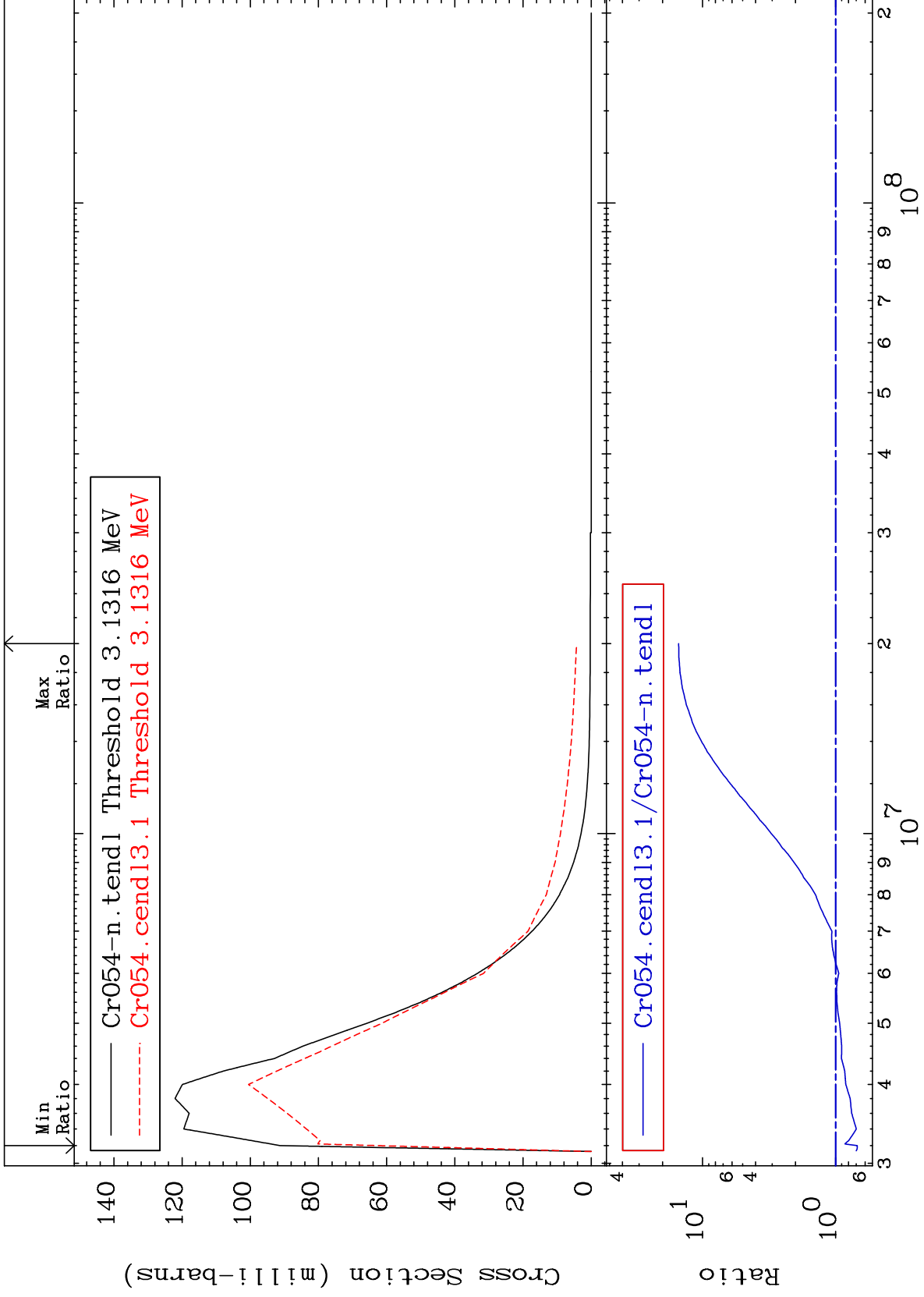
Incident Energy (eV)

24-Cr-54

MAT 2437

3.074 MeV (n,n') Level
Cross Section

24-Cr-54
-31.27 To 1413. %



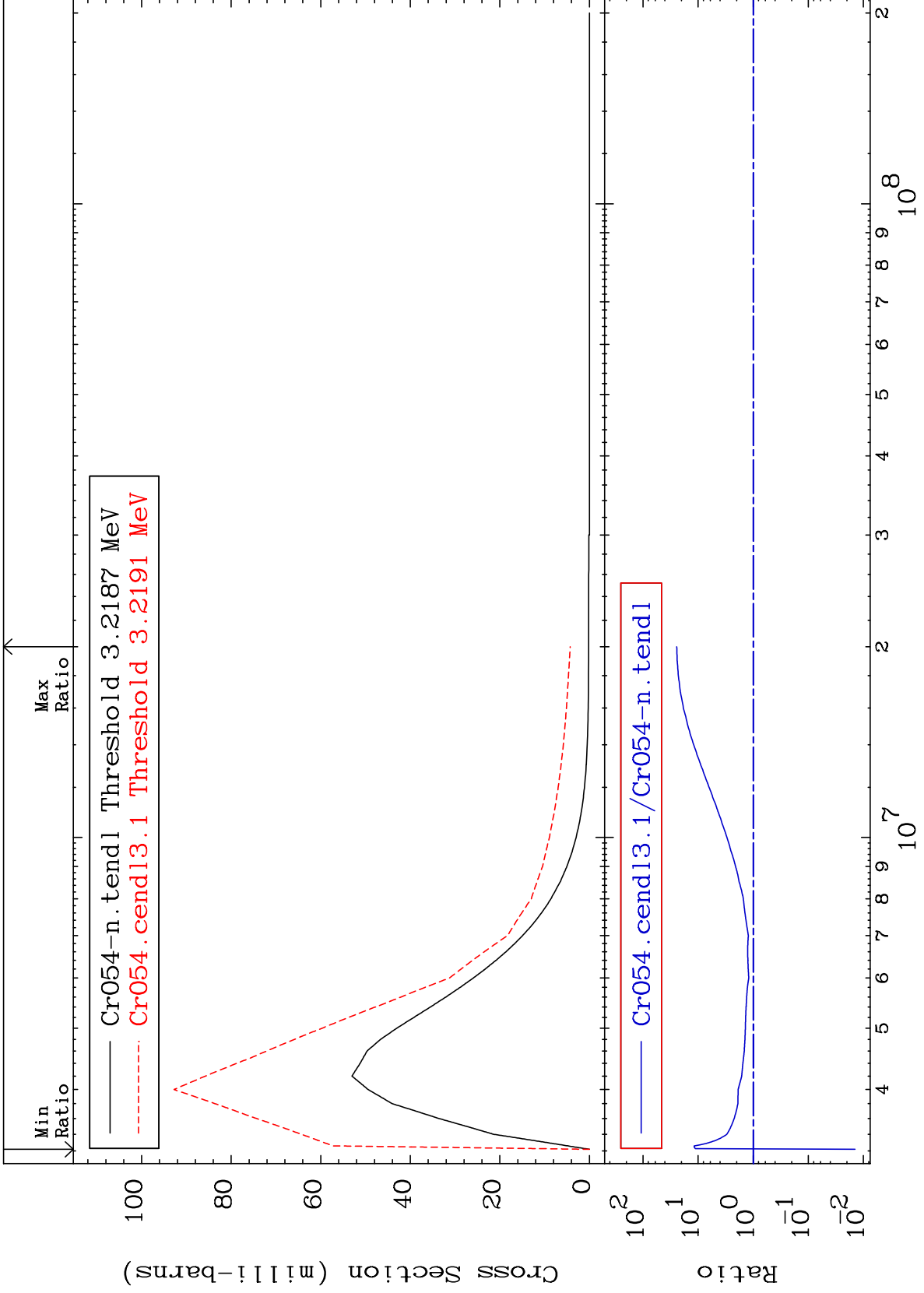
11

24-Cr-54

MAT 2437

3.160 MeV (n,n') Level
Cross Section

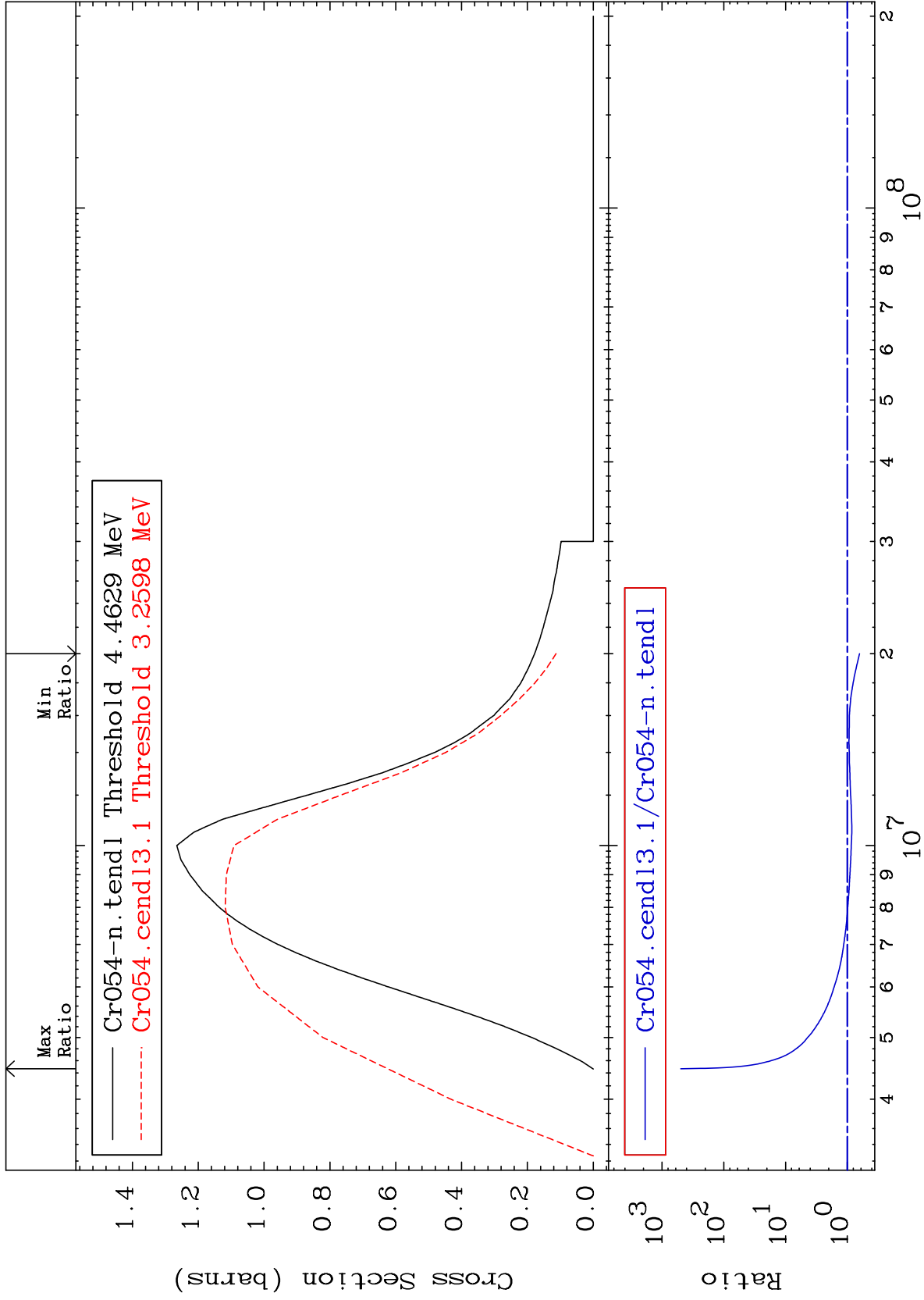
24-Cr-54
-98.58 To 2341. %



12

Incident Energy (eV)

24-Cr-54



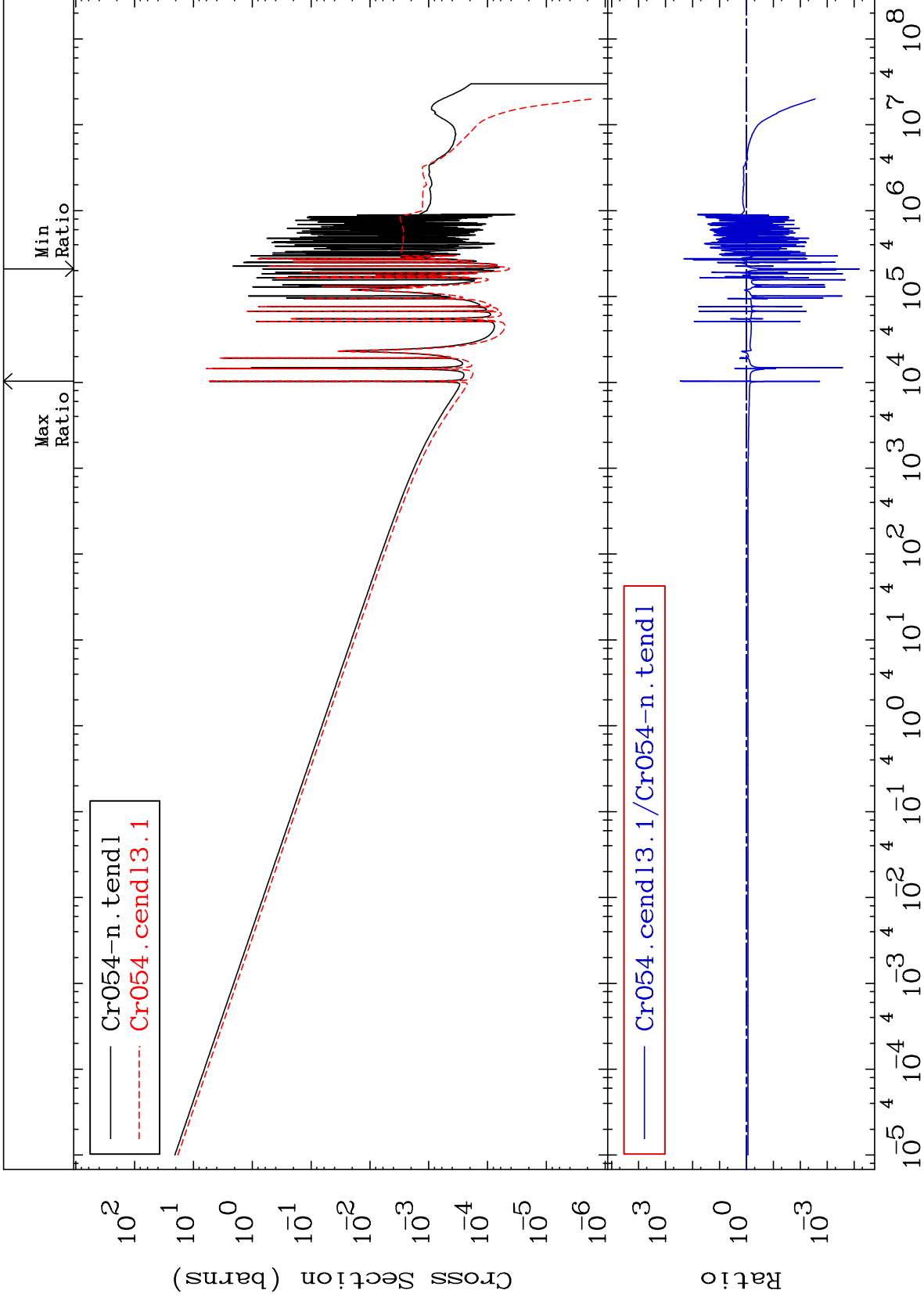
MAT 2437

(n, γ)

24-Cr-54

Cross Section

-99.99 To 9999. %



14

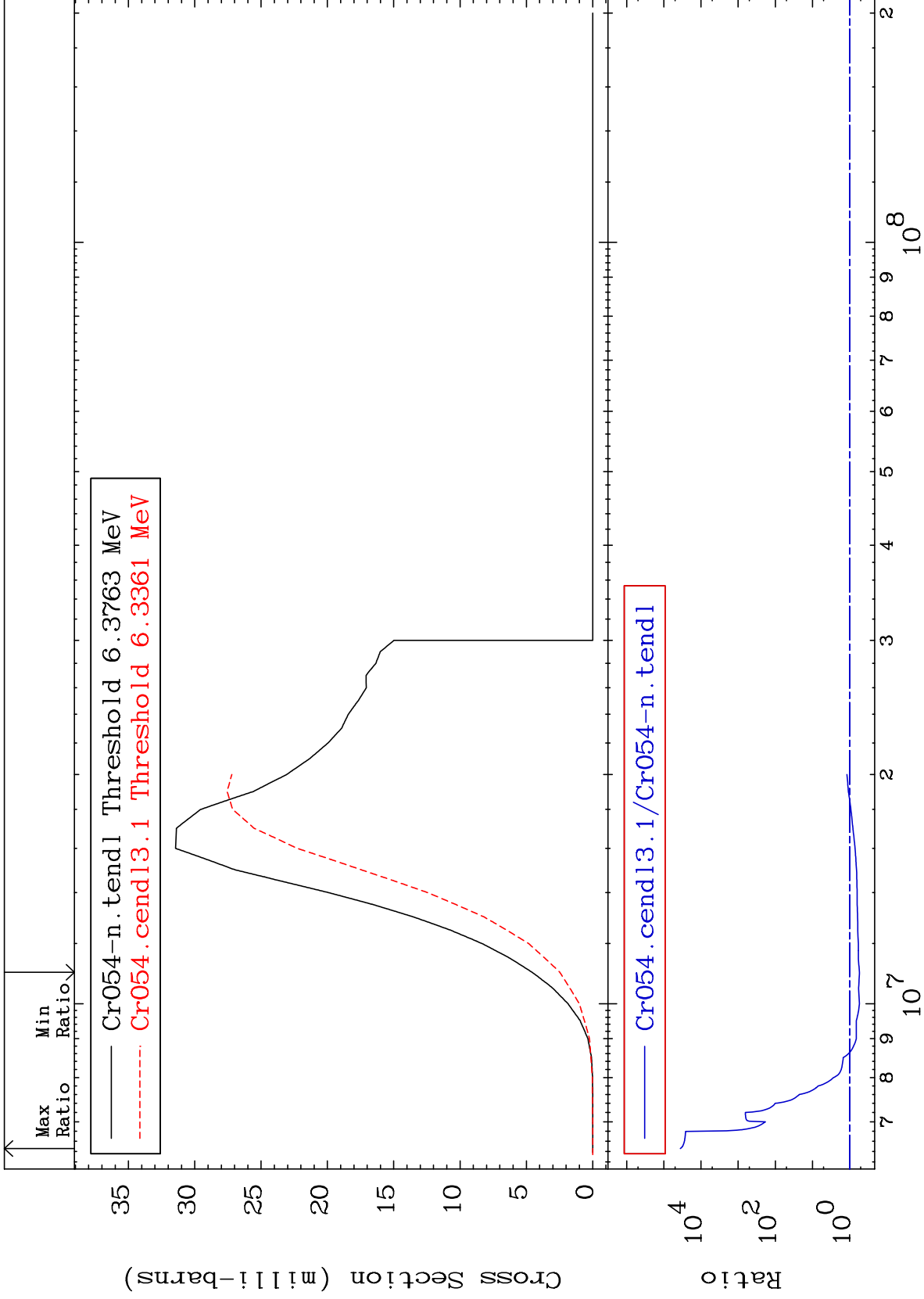
Incident Energy (eV)

24-Cr-54

MAT 2437

(n,p)
Cross Section

24-Cr-54
-45.74 To 9999. %



15

Incident Energy (eV)

24-Cr-54

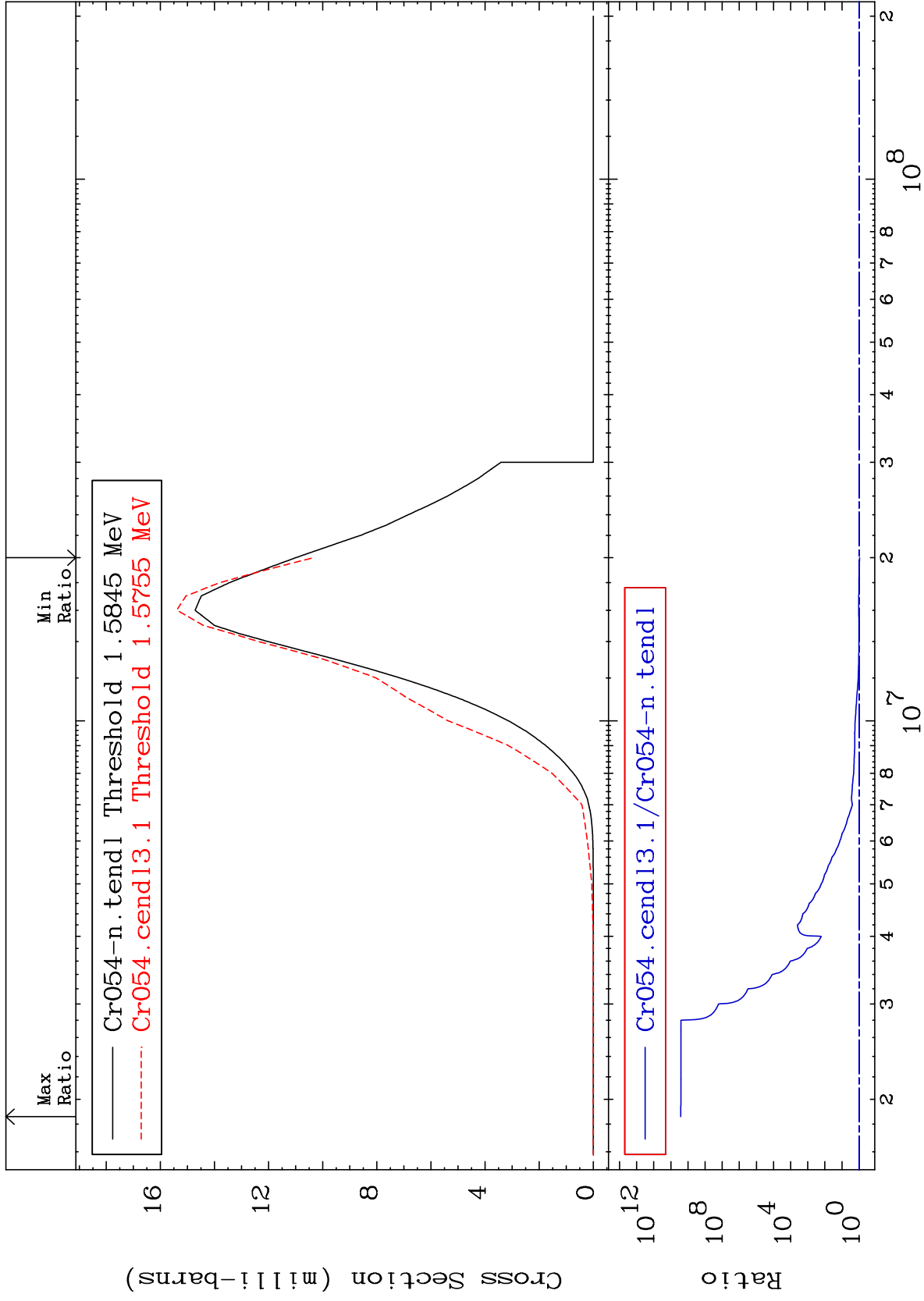
MAT 2437

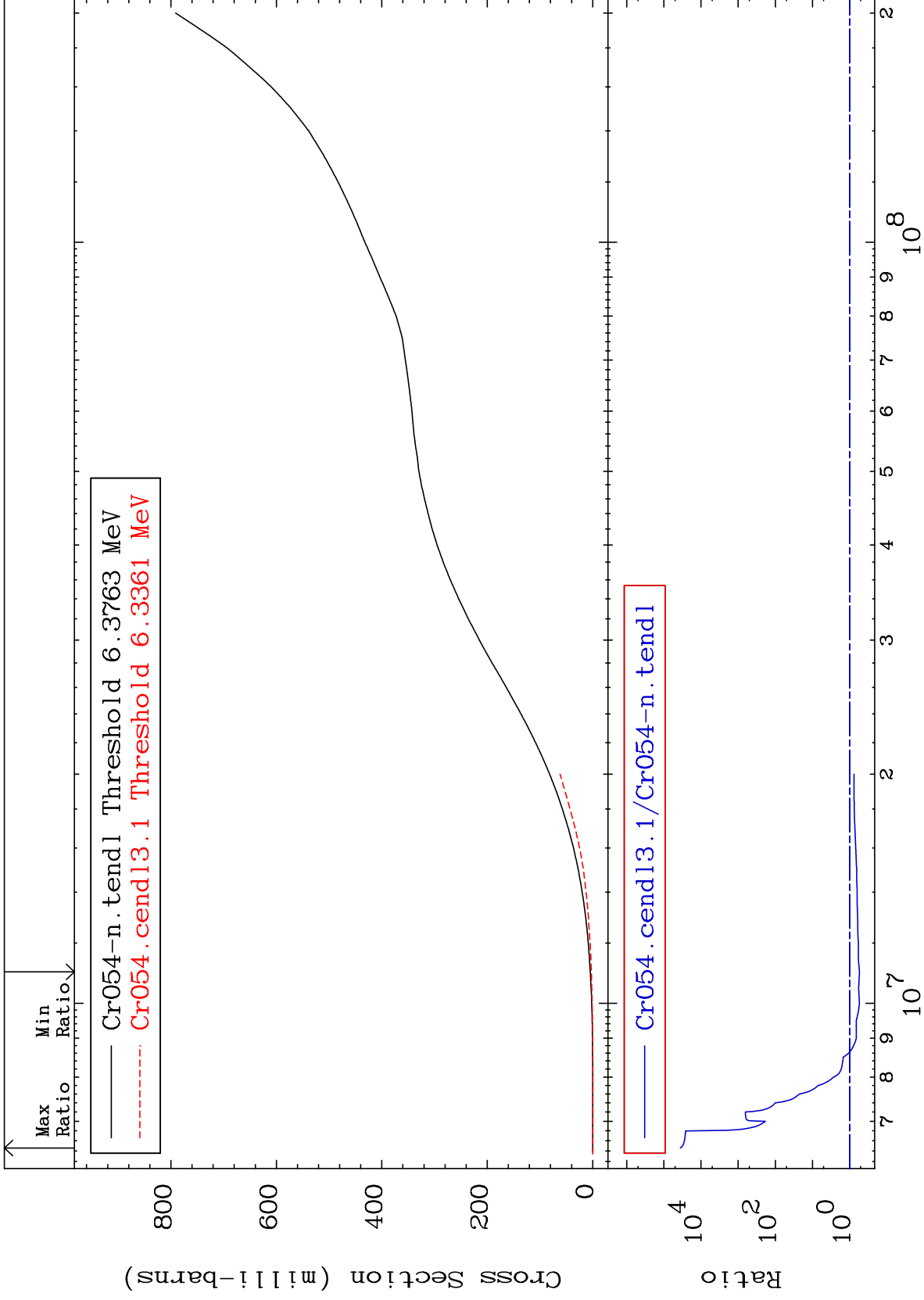
(n, α)

²⁴Cr-54

Cross Section

-5.947 To 9999. %

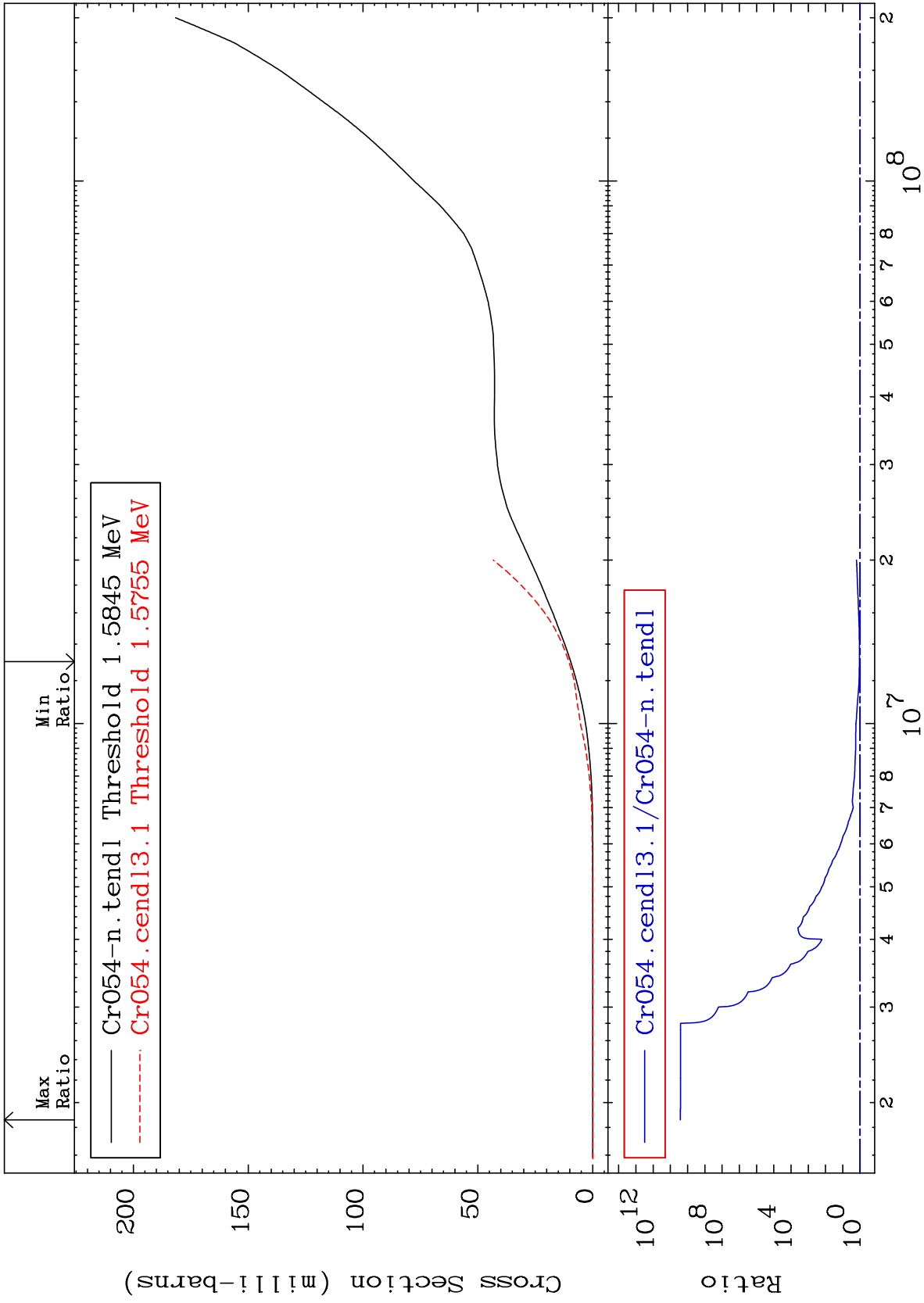




MAT 2437

He-4 Production
Cross Section

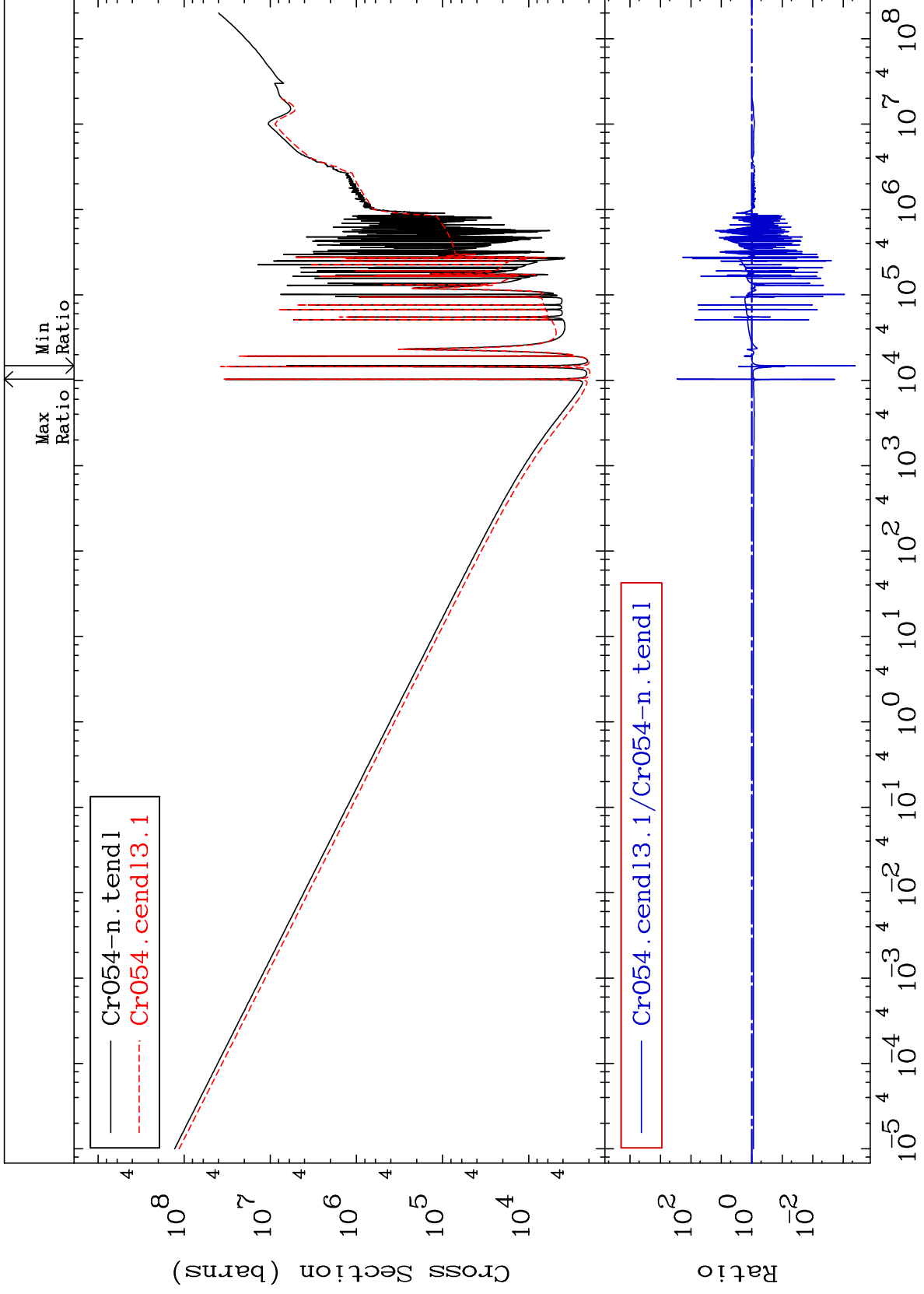
24-Cr-54
7.964 To 9999. %



MAT 2437

Kerma total (eV-barns)
Cross Section

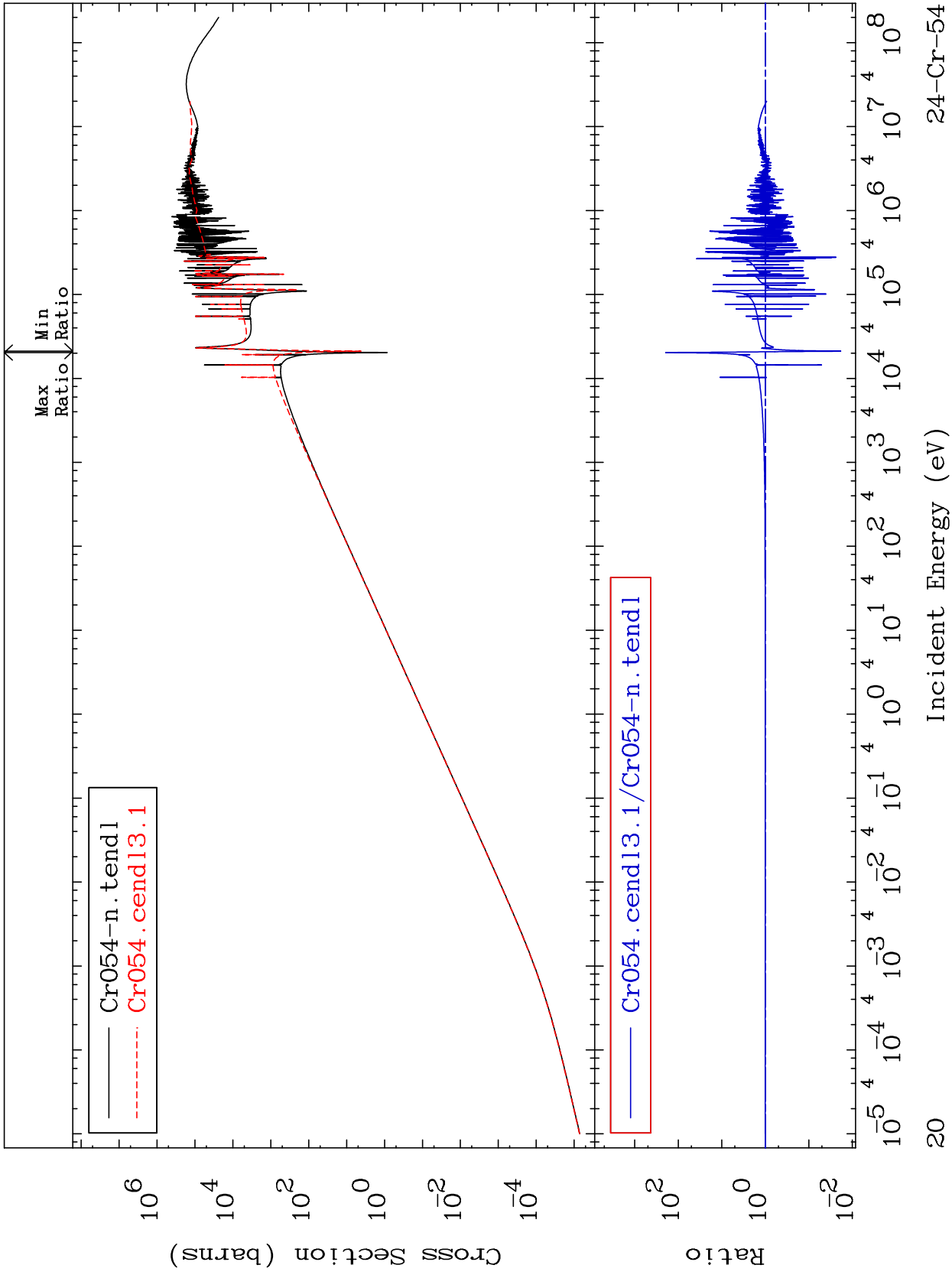
24-Cr-54
-99.96 To 9999. %



MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-98.14 To 9999. %



20

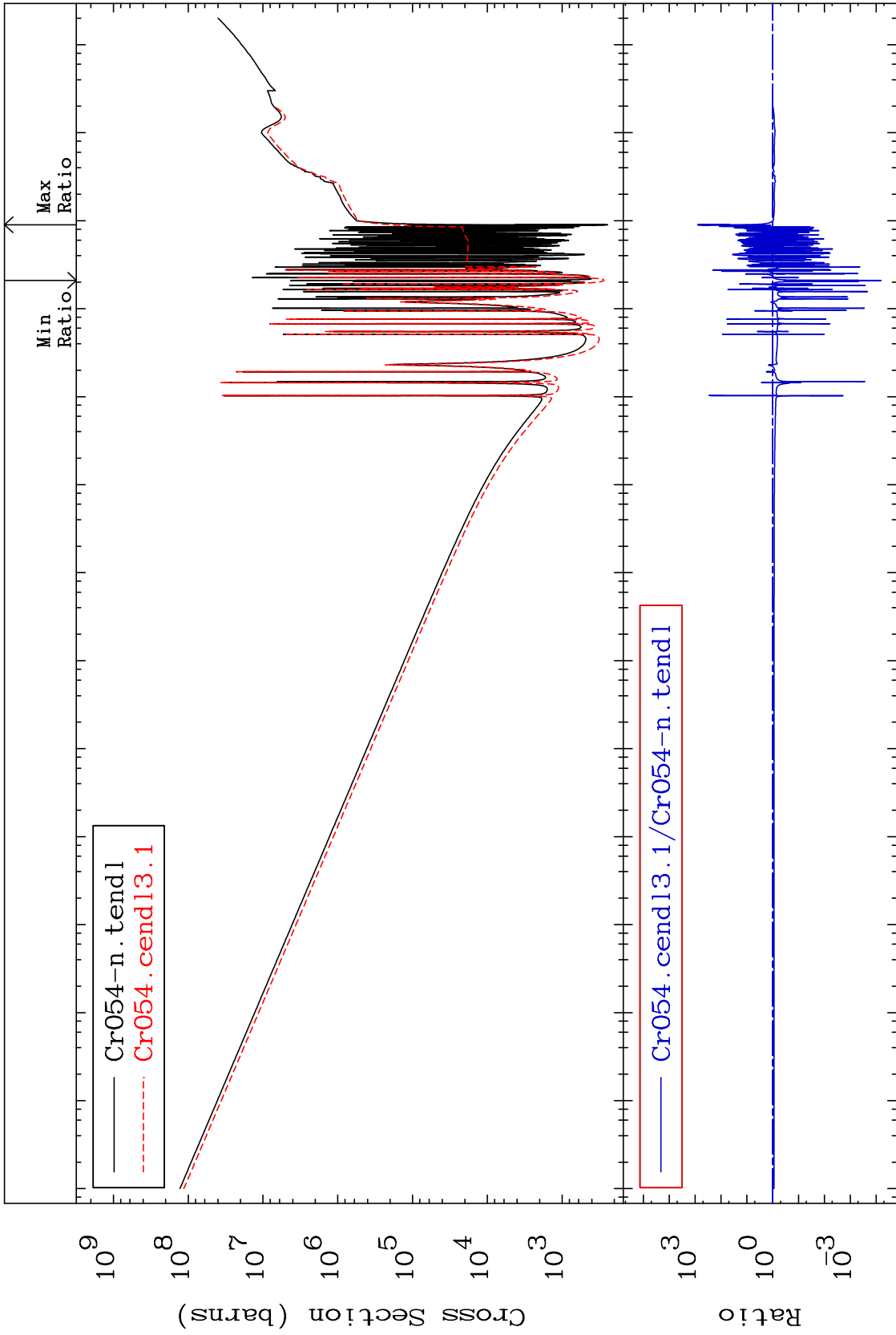
Incident Energy (eV)

24-Cr-54

MAT 2437

Kerma non-elastic (all but mt2)
Cross Section

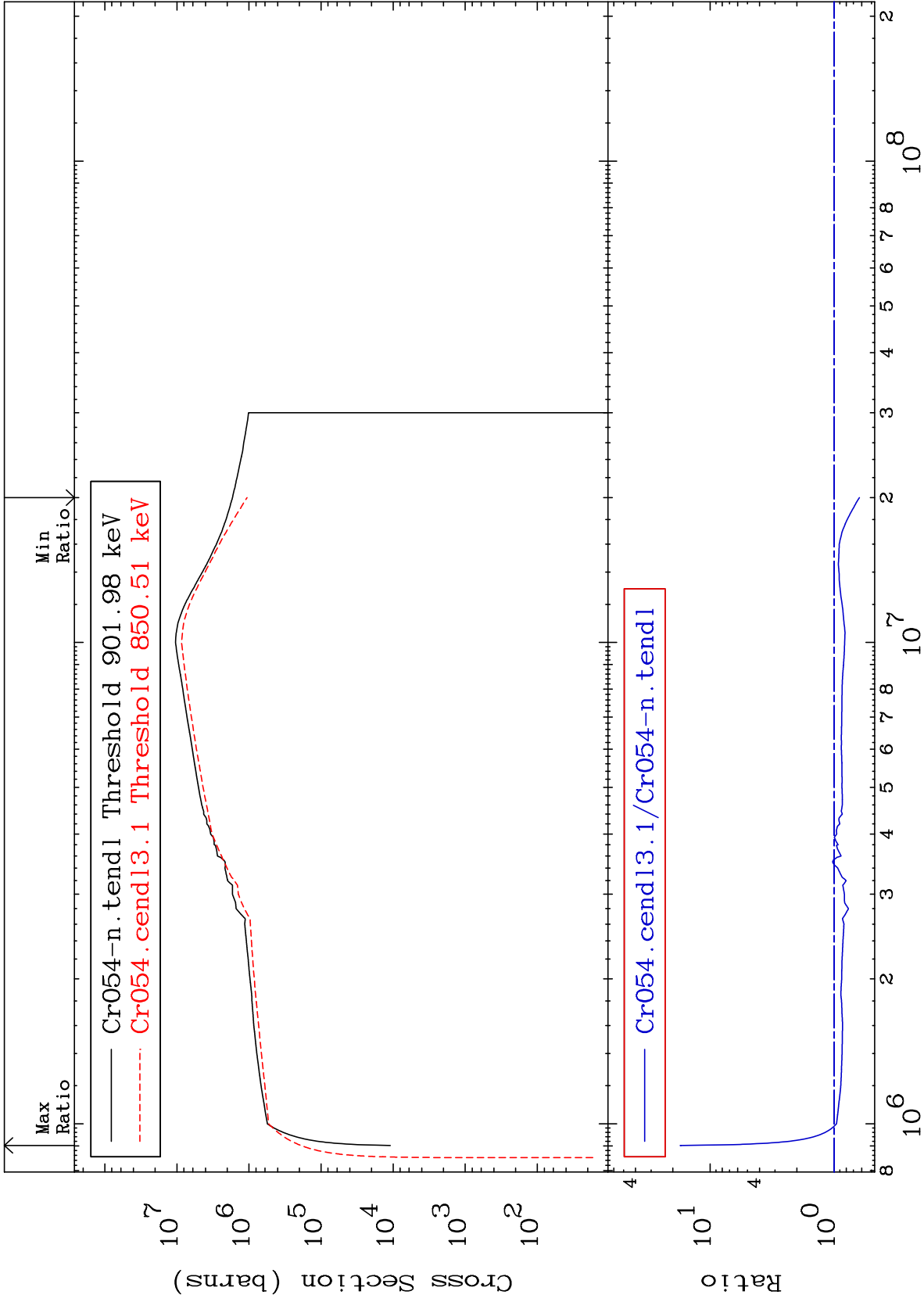
24-Cr-54
-99.99 To 9999. %

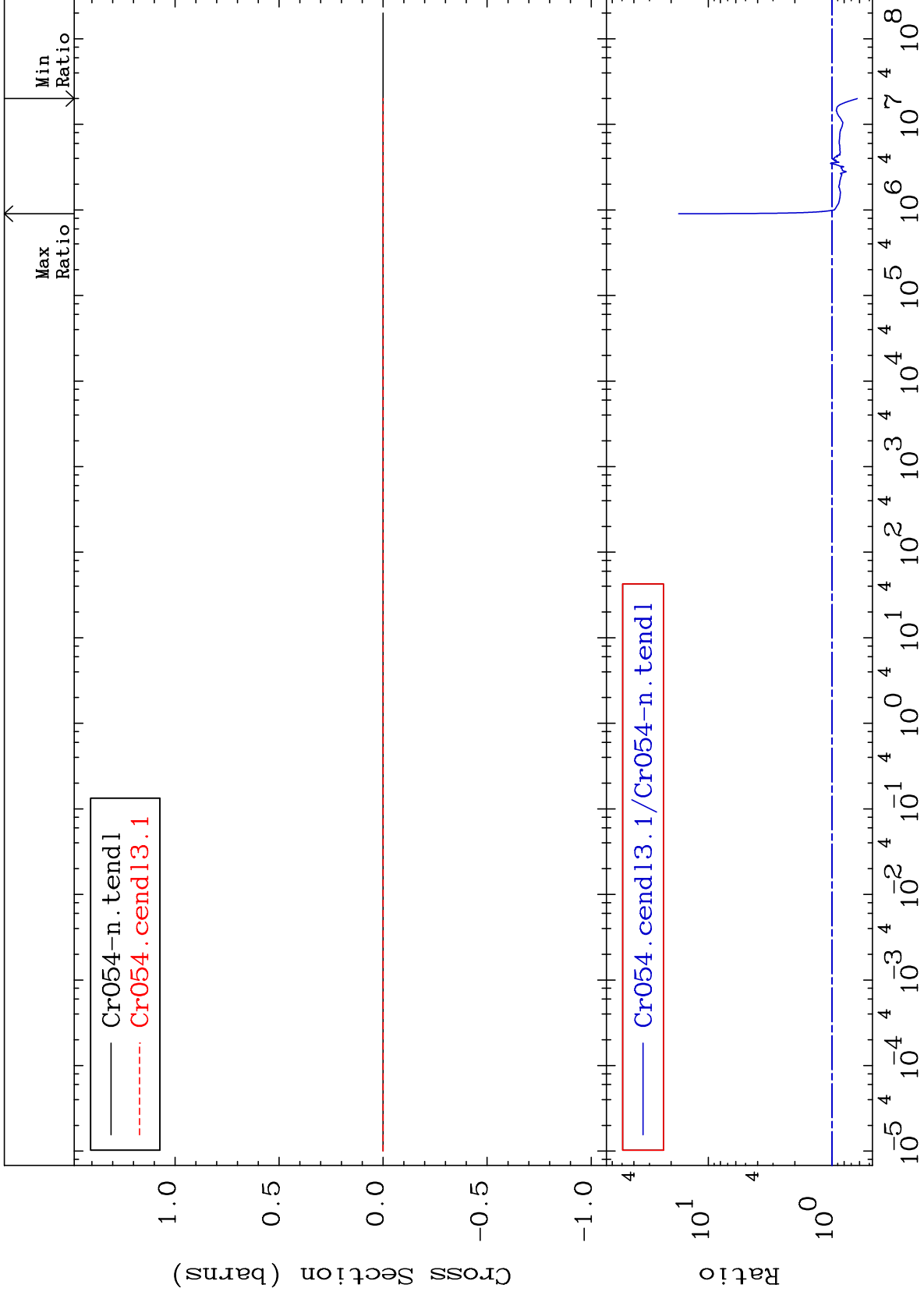


21

Incident Energy (eV)

24-Cr-54

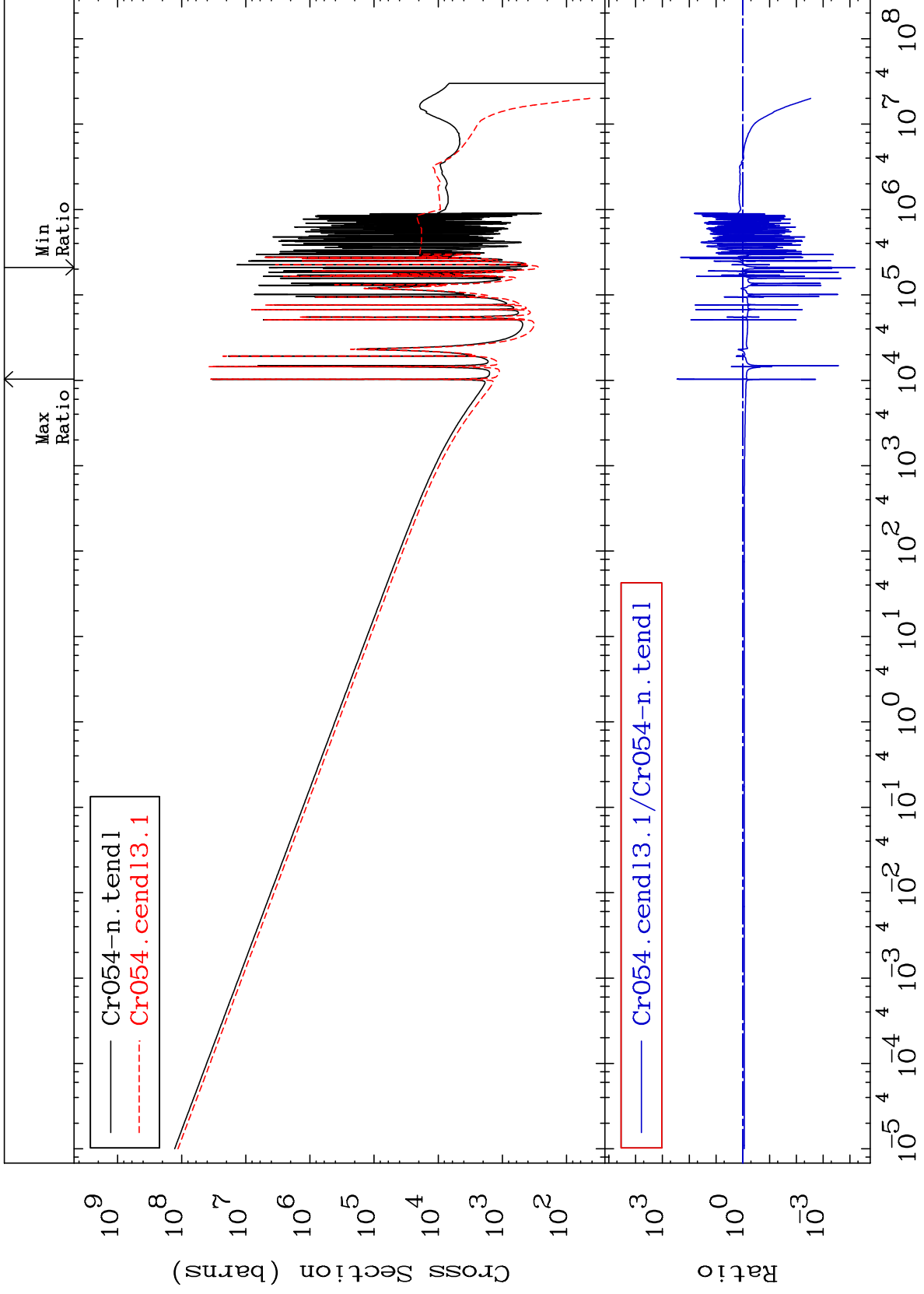




MAT 2437

Kerma capture (mt102)
Cross Section

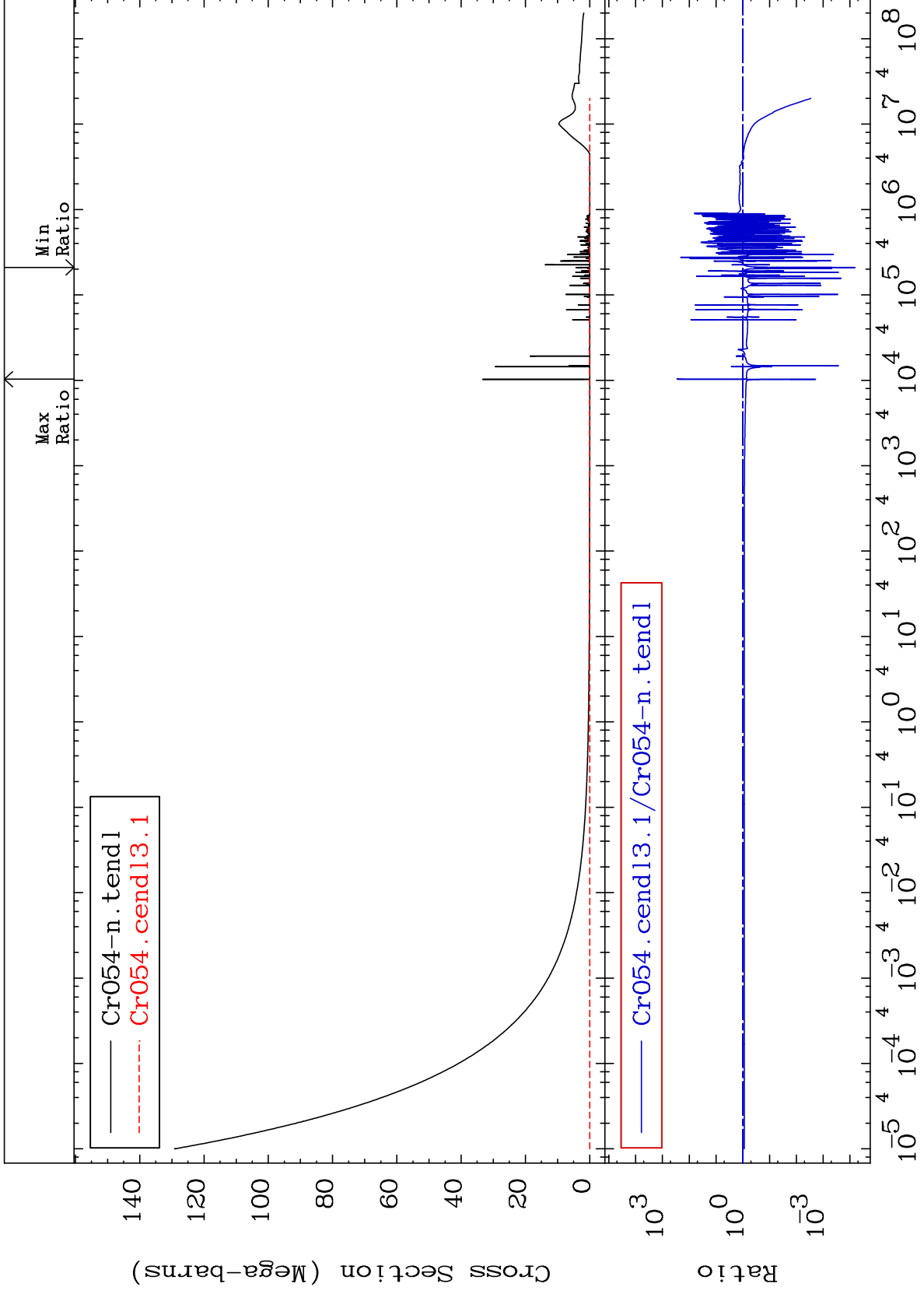
24-Cr-54
-99.99 To 9999. %



24

Incident Energy (eV)

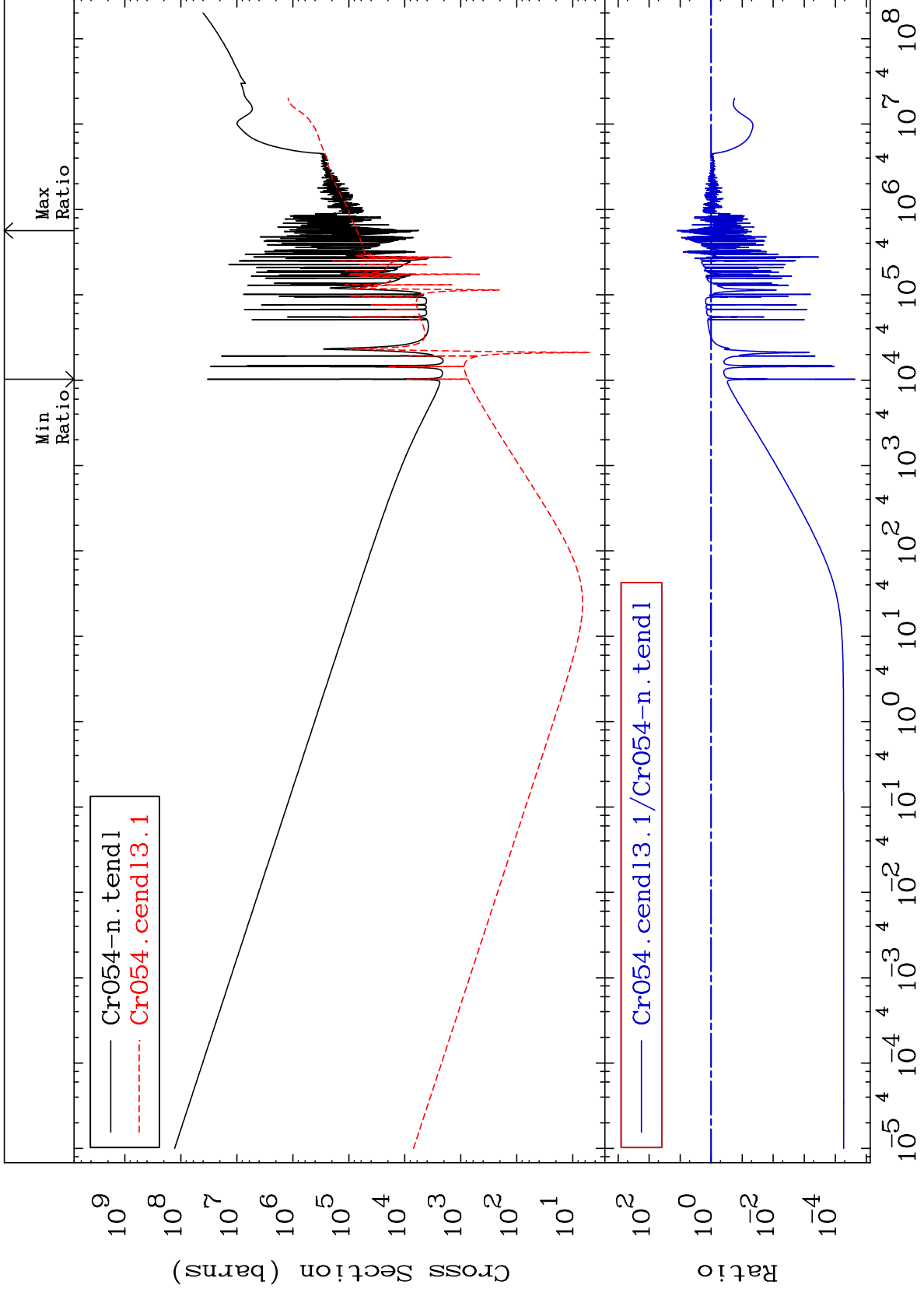
24-Cr-54



MAT 2437

Total kinematic kerma (high limit)
Cross Section

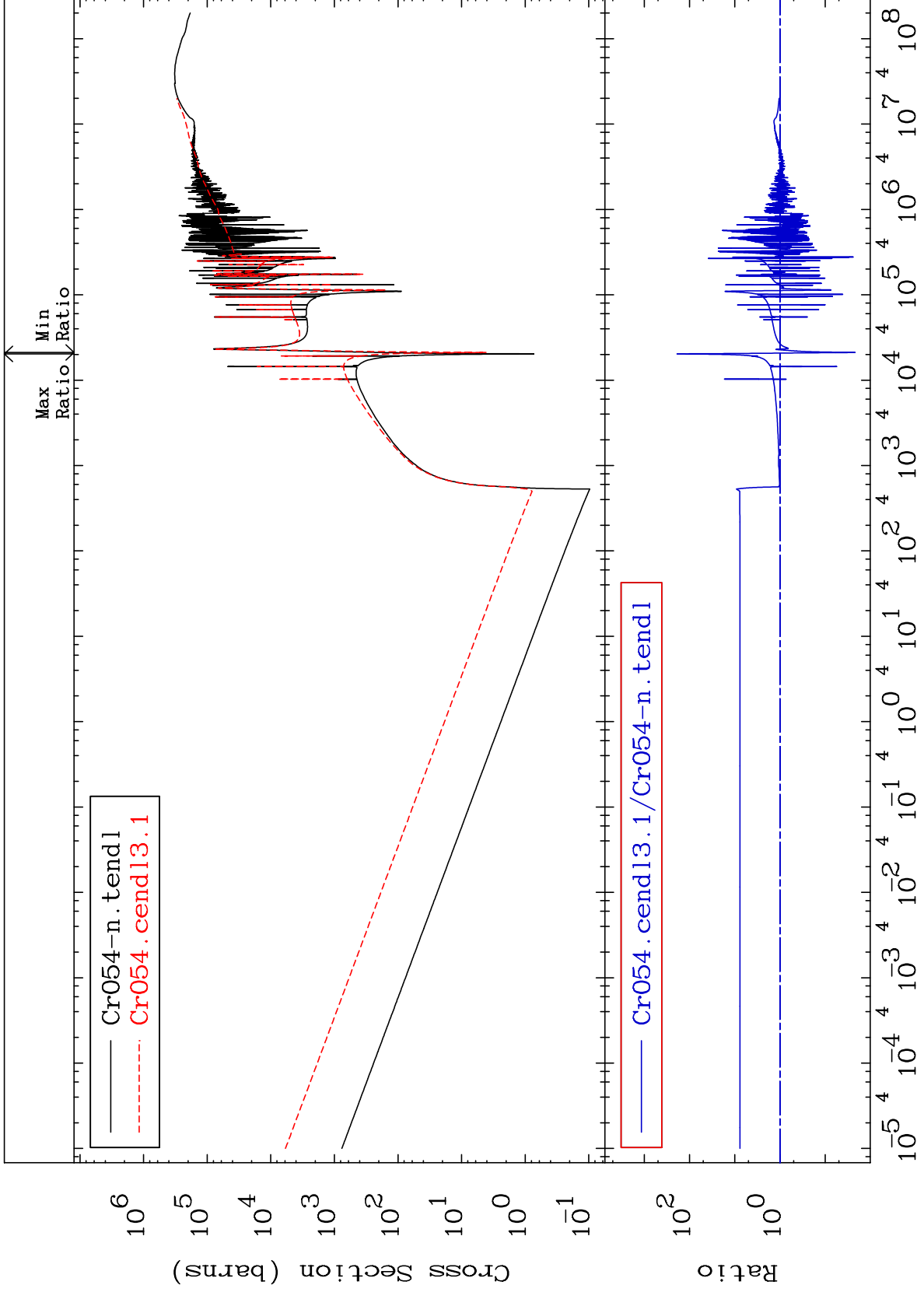
24-Cr-54
-100.0 To 1171. %

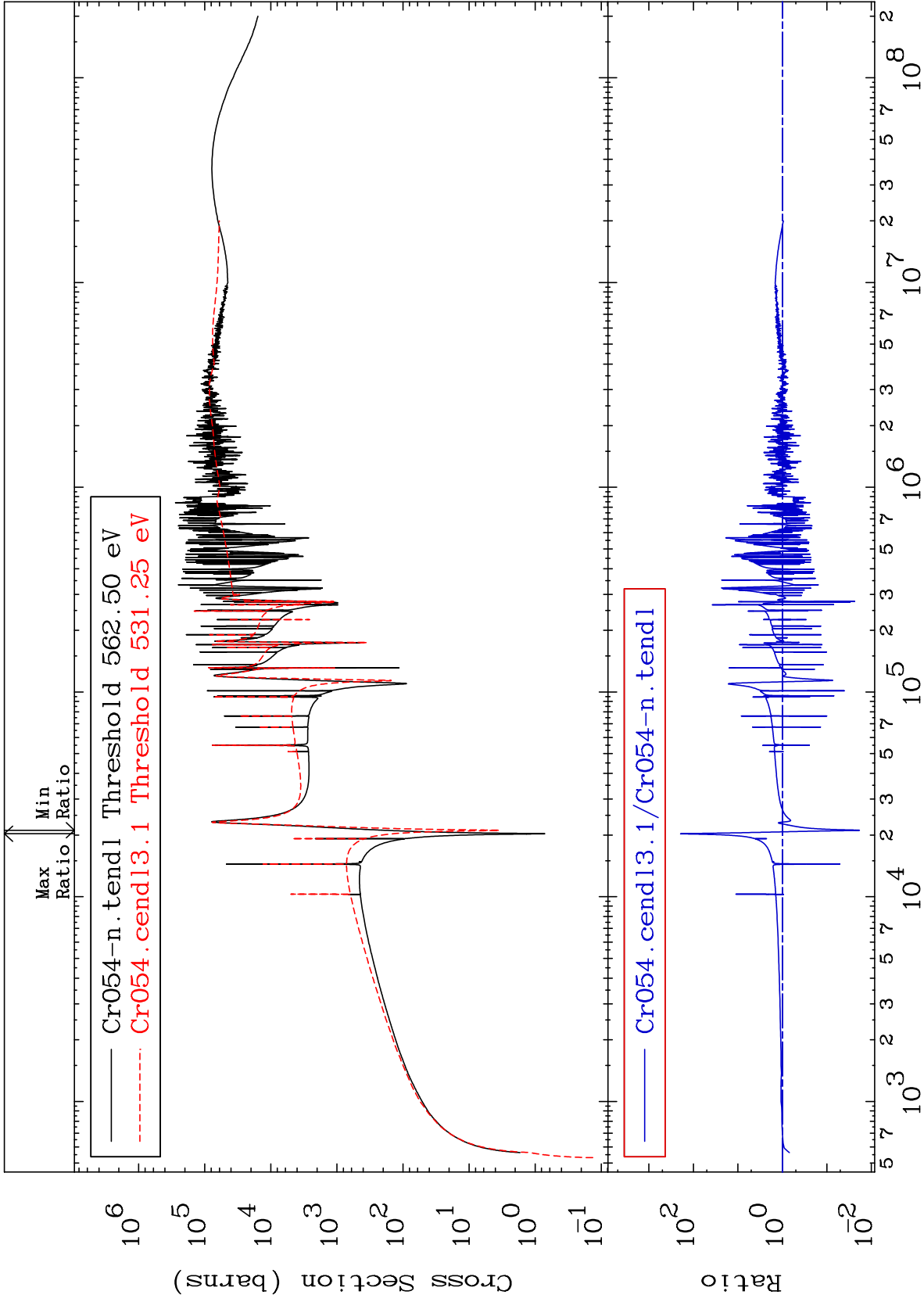


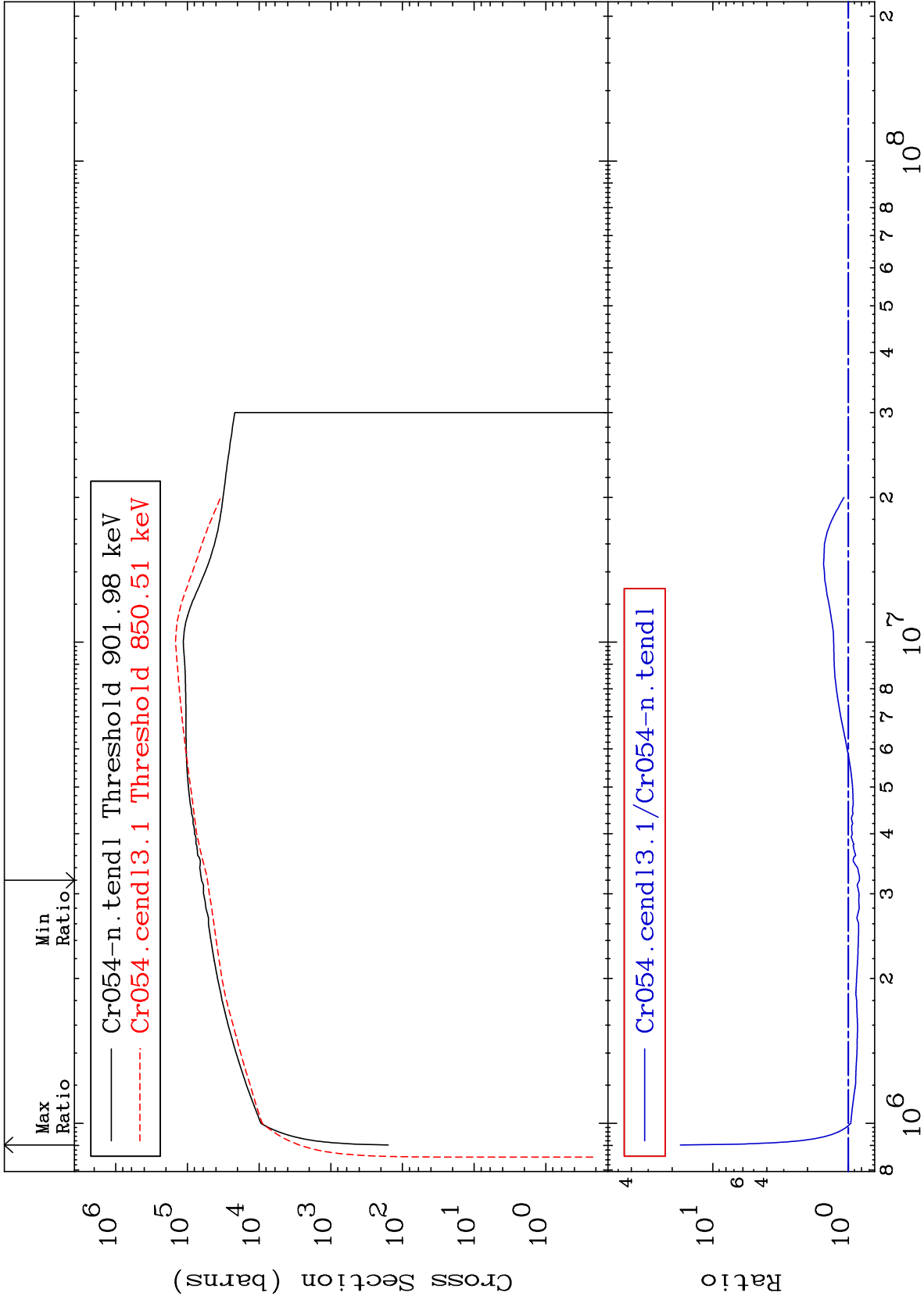
MAT 2437

Dpa total (eV-barns)
Cross Section

24-Cr-54
-97.81 To 9999. %



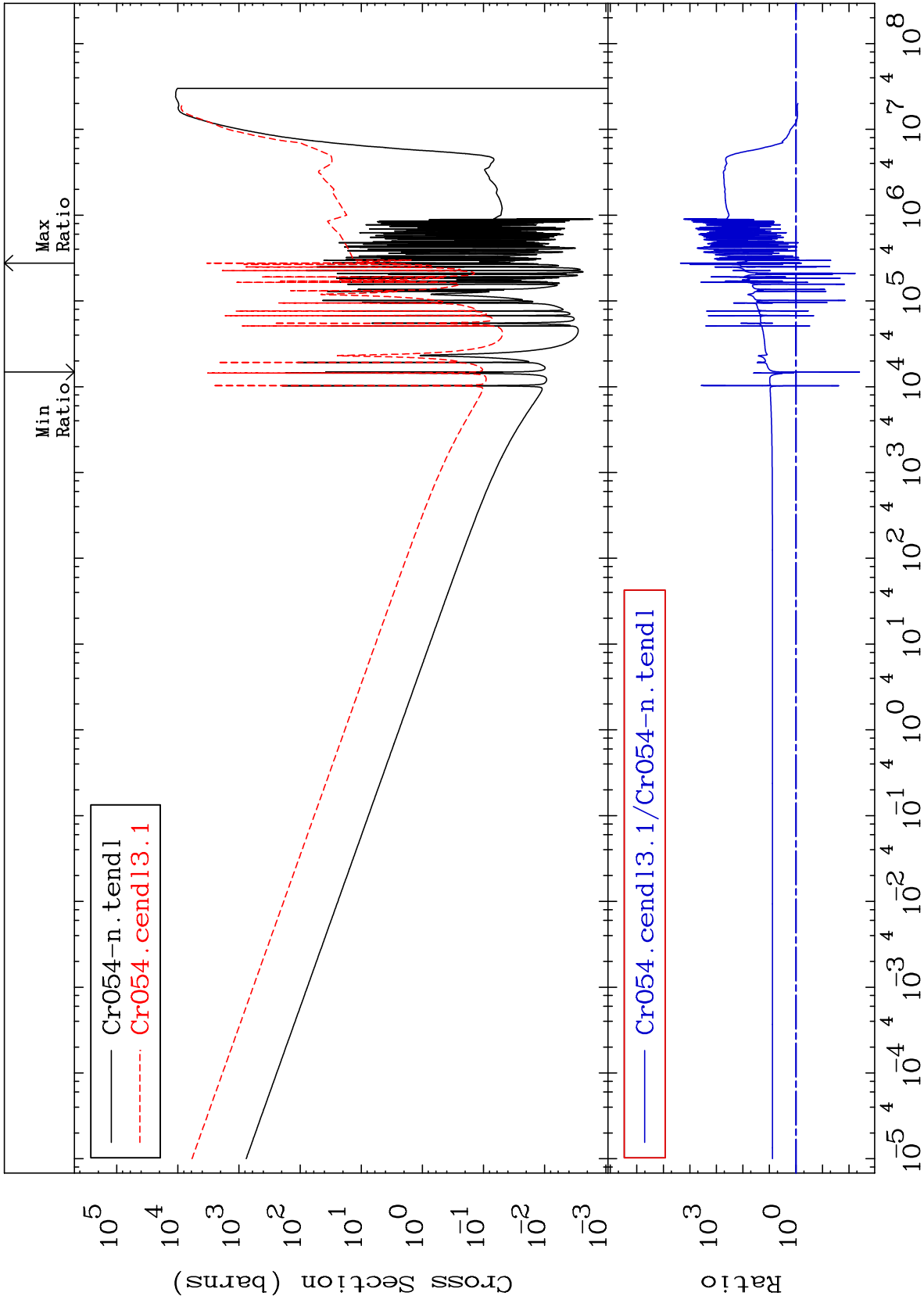




MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-99.60 To 9999. %



30

Incident Energy (eV)

24-Cr-54