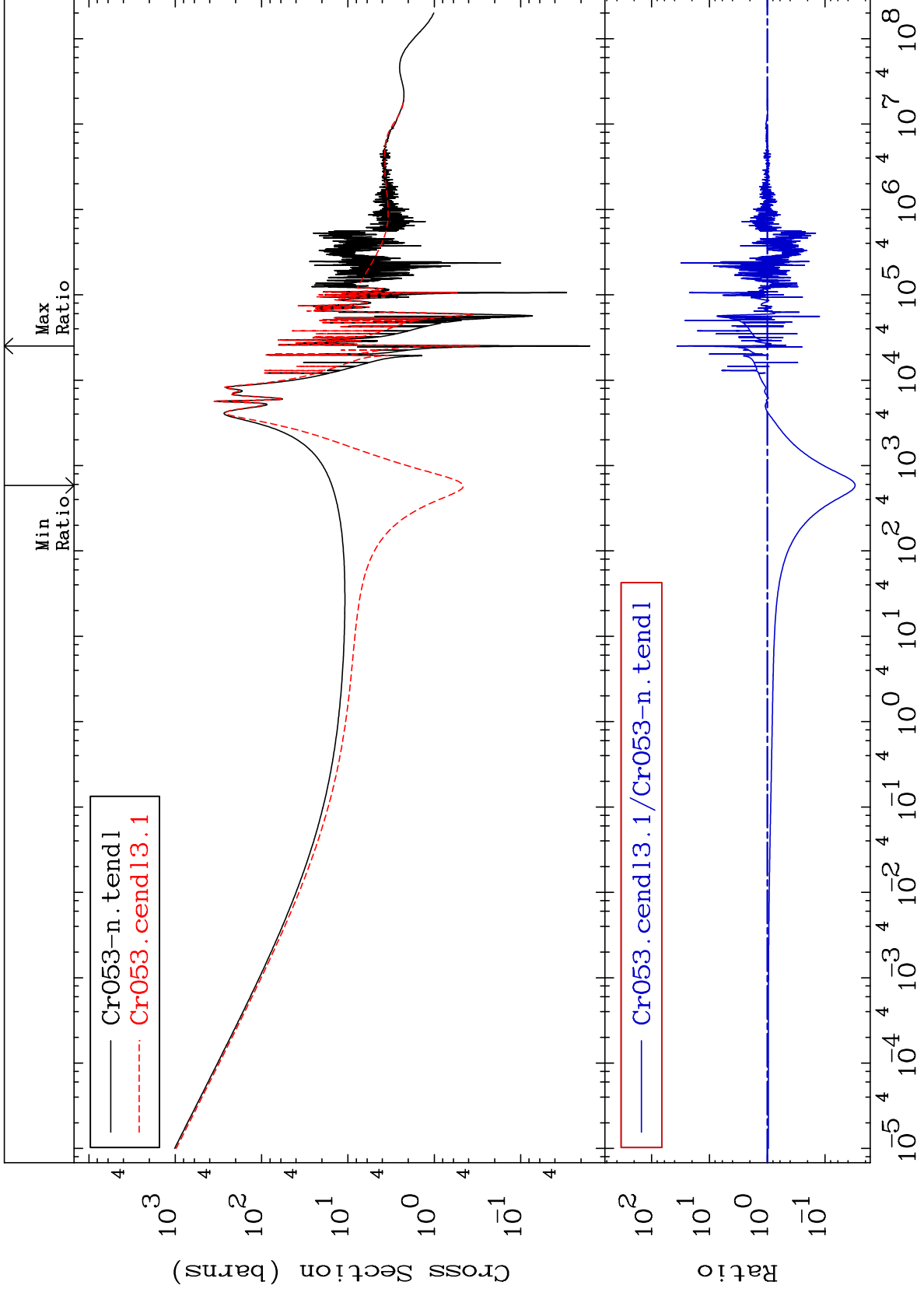


MAT 2434

Total
Cross Section

24-Cr-53
-96.98 To 3551. %



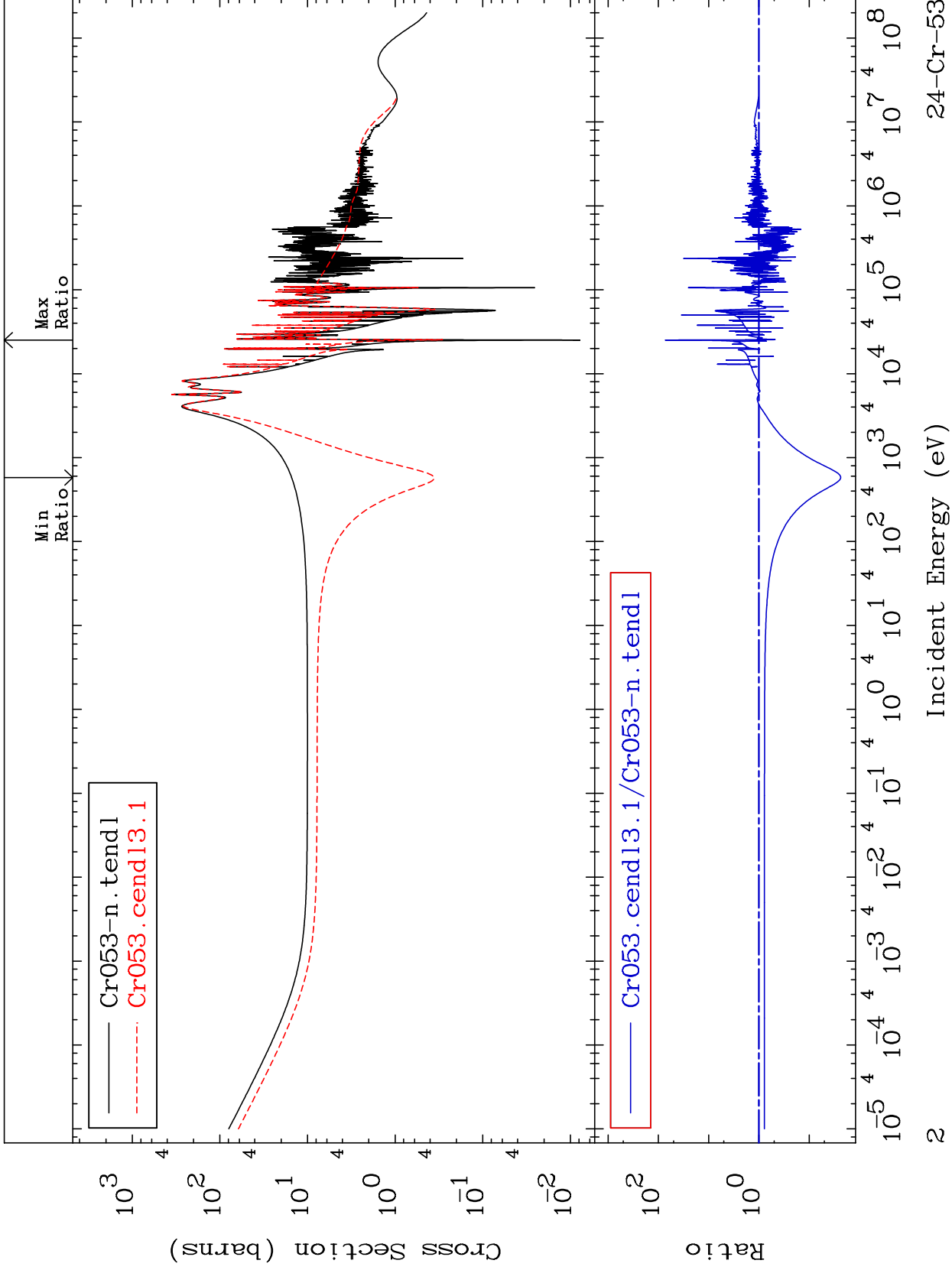
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic
Cross Section

24-Cr-53
-97.63 To 7122. %



24-Cr-53

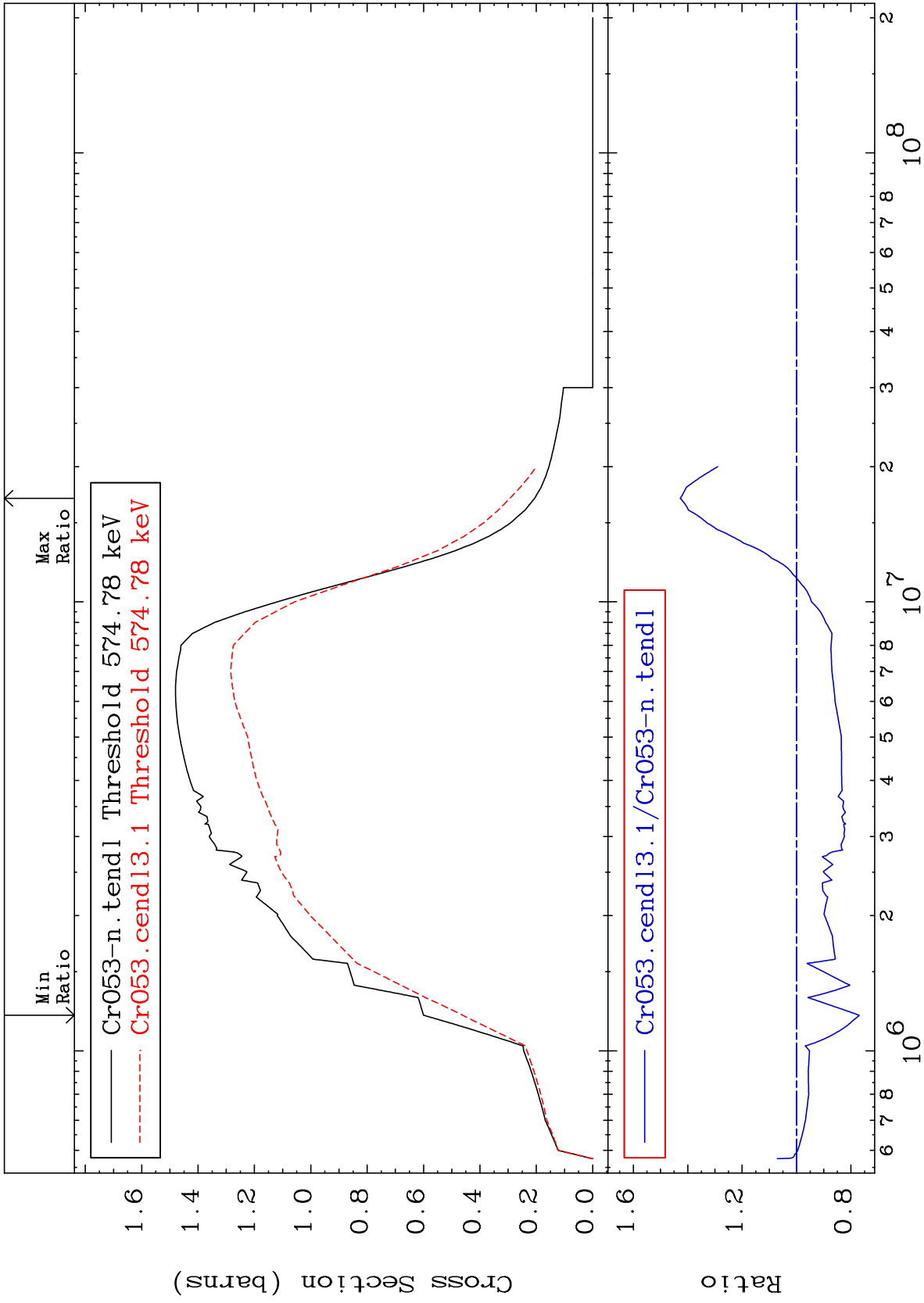
Incident Energy (eV)

MAT 2434

²⁴Cr-53

Inelastic
Cross Section

-23.11 To 42.70 %



3

Incident Energy (eV)

²⁴Cr-53

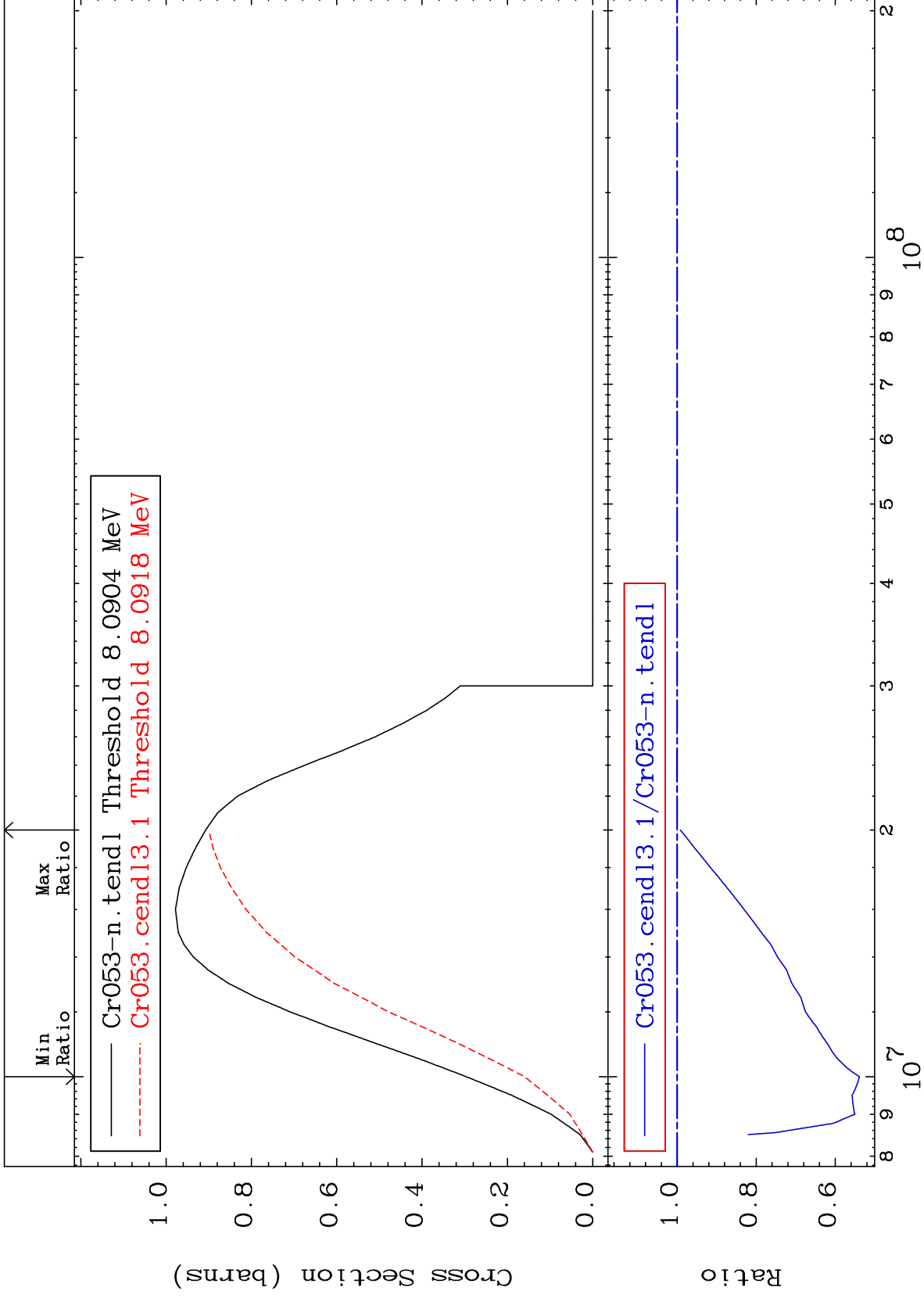
MAT 2434

(n,2n)

²⁴Cr-53

Cross Section

-46.11 To -0.803%



4

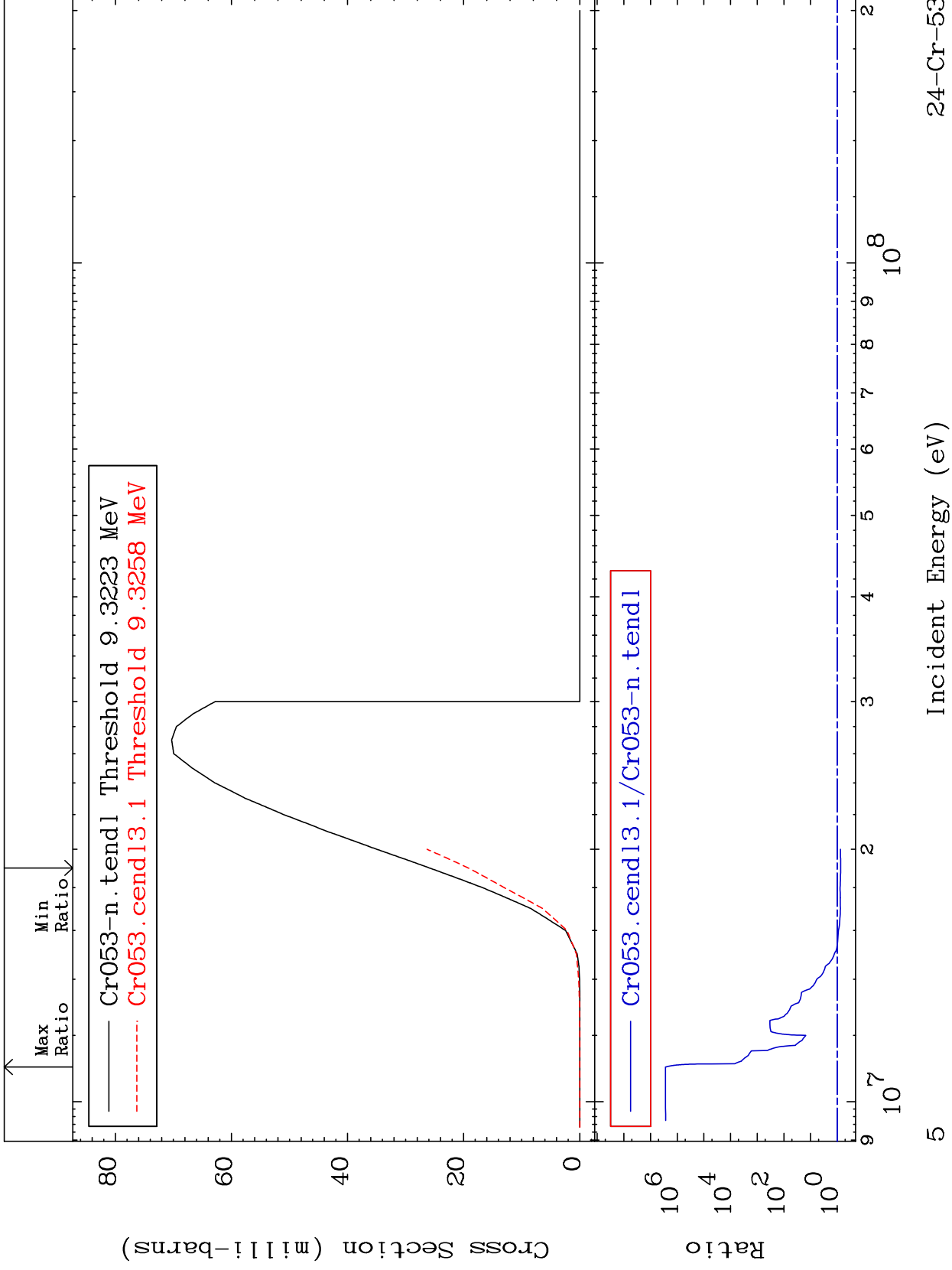
Incident Energy (eV)

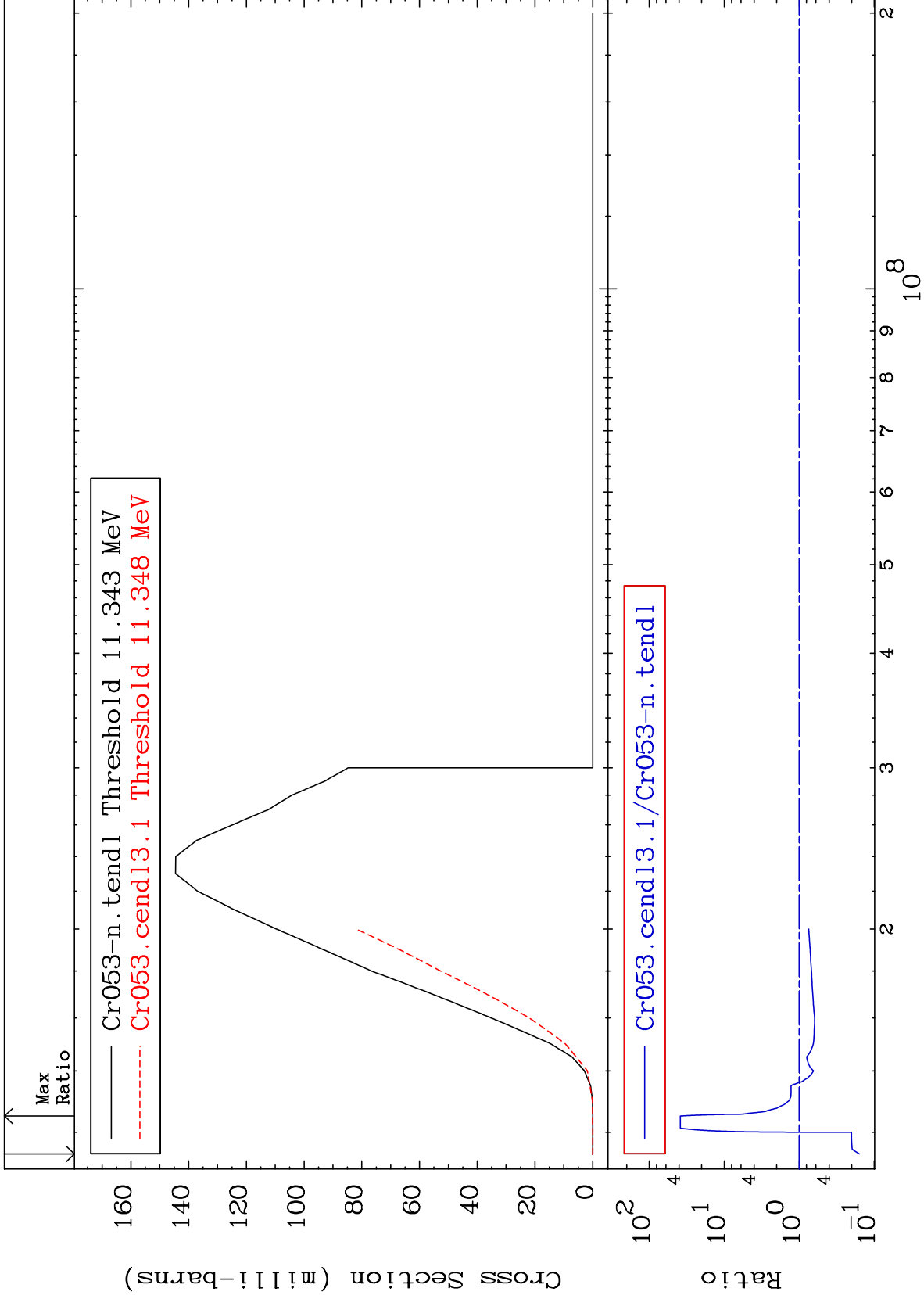
²⁴Cr-53

MAT 2434

(n, n') α
Cross Section

24-Cr-53
-25.91 To 9999. %

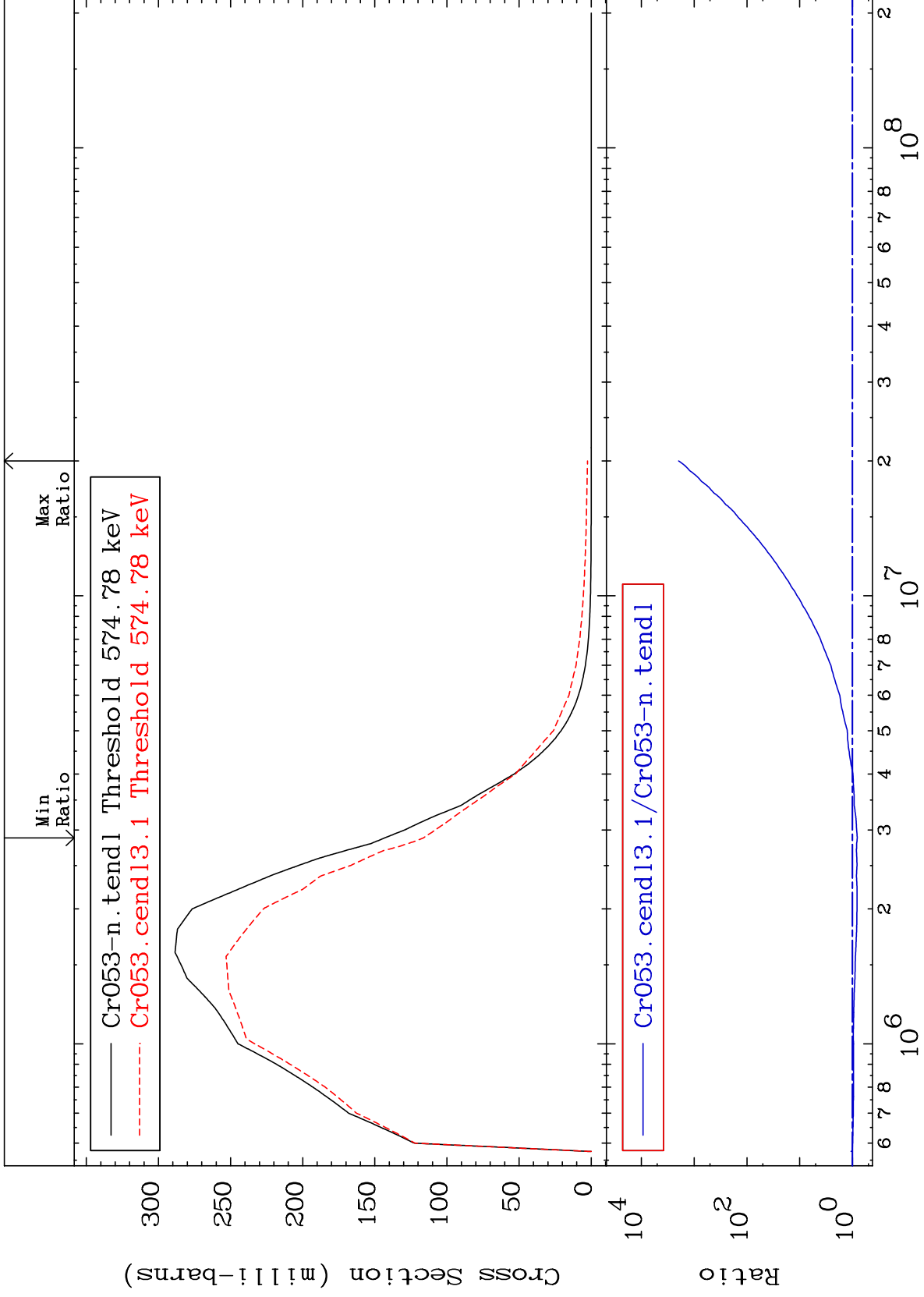




MAT 2434

564.0 keV (n,n') Level
Cross Section

24-Cr-53
-18.76 To 9999. %



7

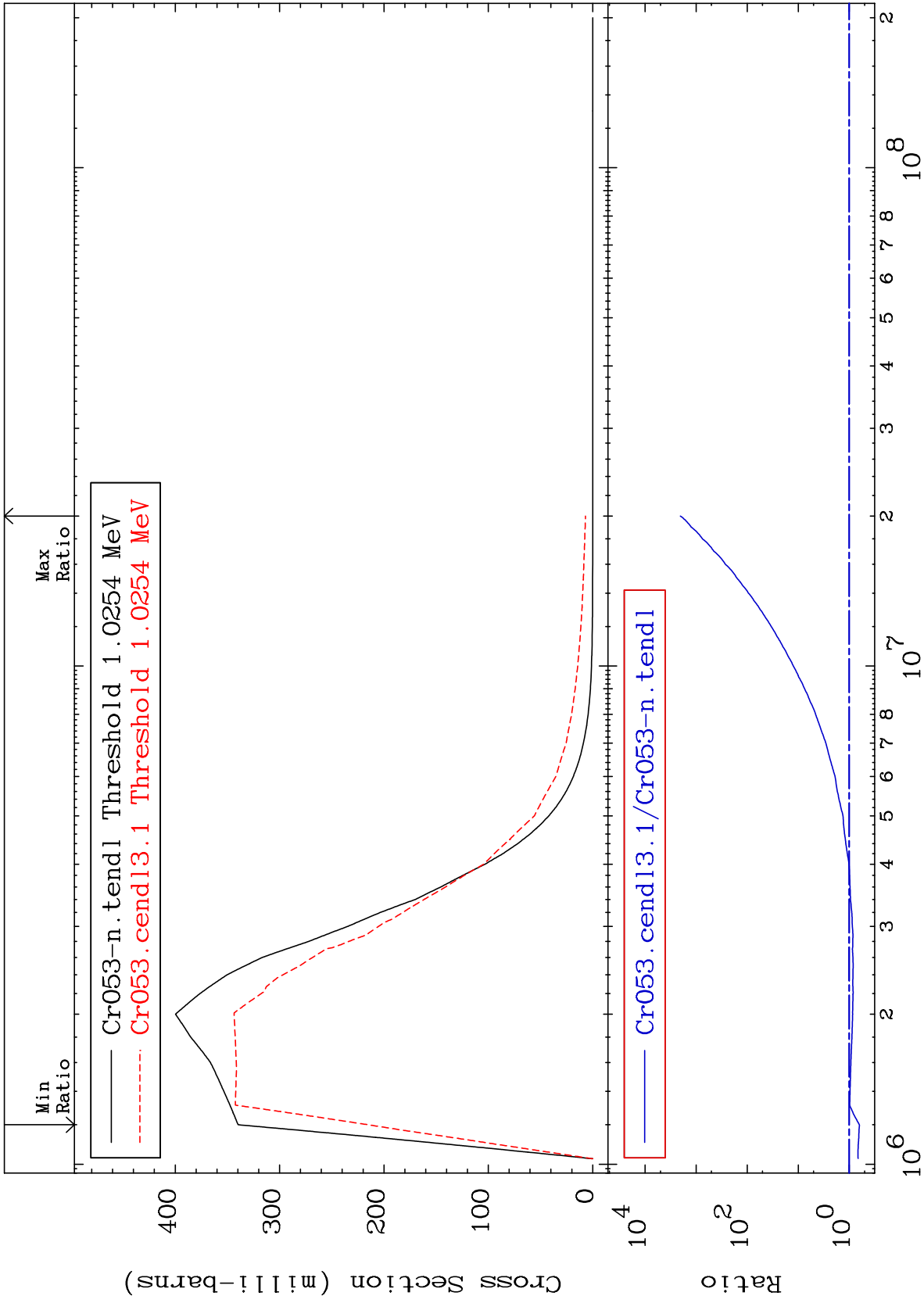
Incident Energy (eV)

24-Cr-53

MAT 2434

1.006 MeV (n,n') Level
Cross Section

24-Cr-53
-36.66 To 9999. %



8

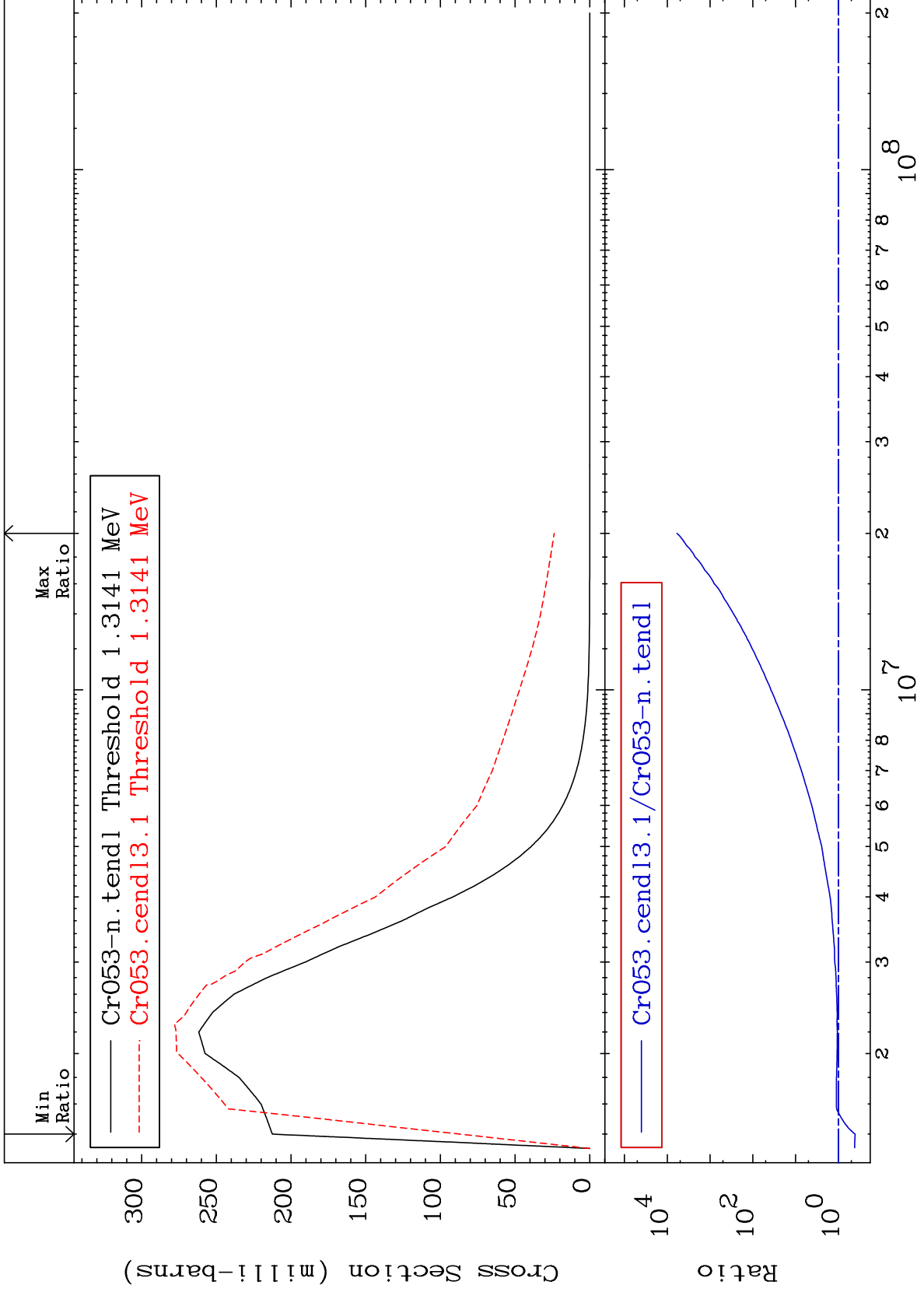
Incident Energy (eV)

24-Cr-53

MAT 2434

1.290 MeV (n,n') Level
Cross Section

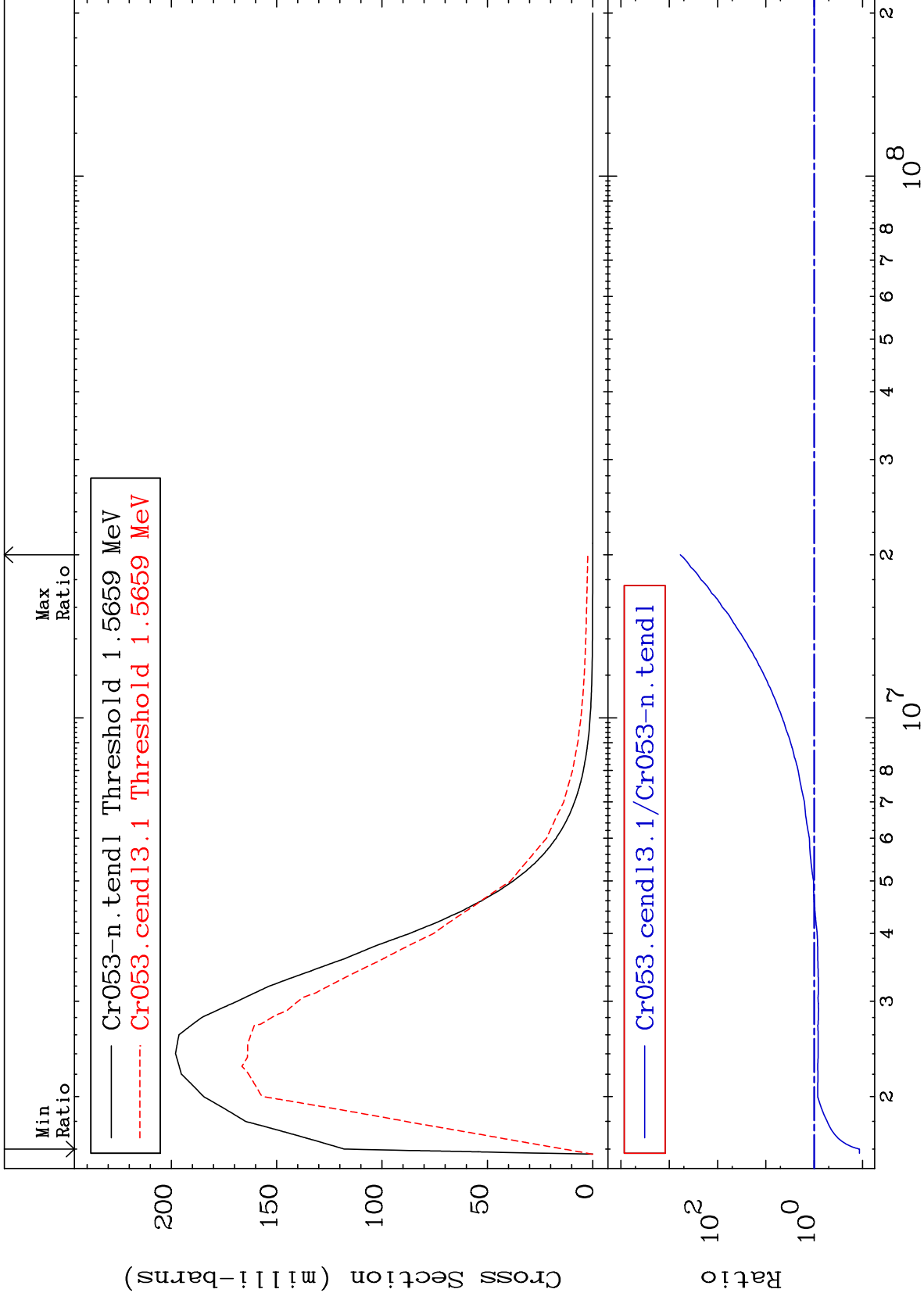
24-Cr-53
-59.24 To 9999. %



MAT 2434

1.537 MeV (n,n') Level
Cross Section

24-Cr-53
-88.42 To 9999. %



10

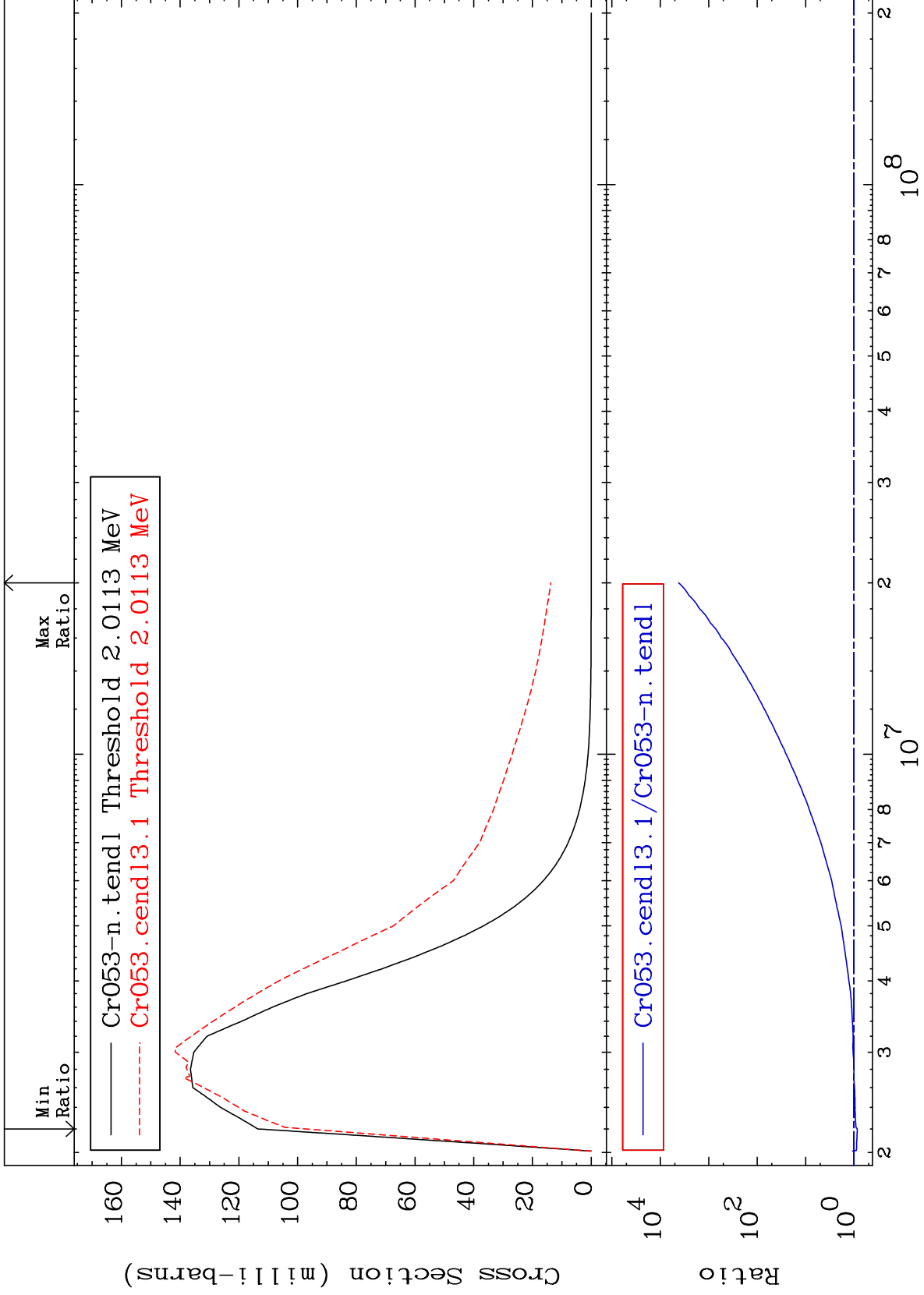
Incident Energy (eV)

24-Cr-53

MAT 2434

1.974 MeV (n,n') Level
Cross Section

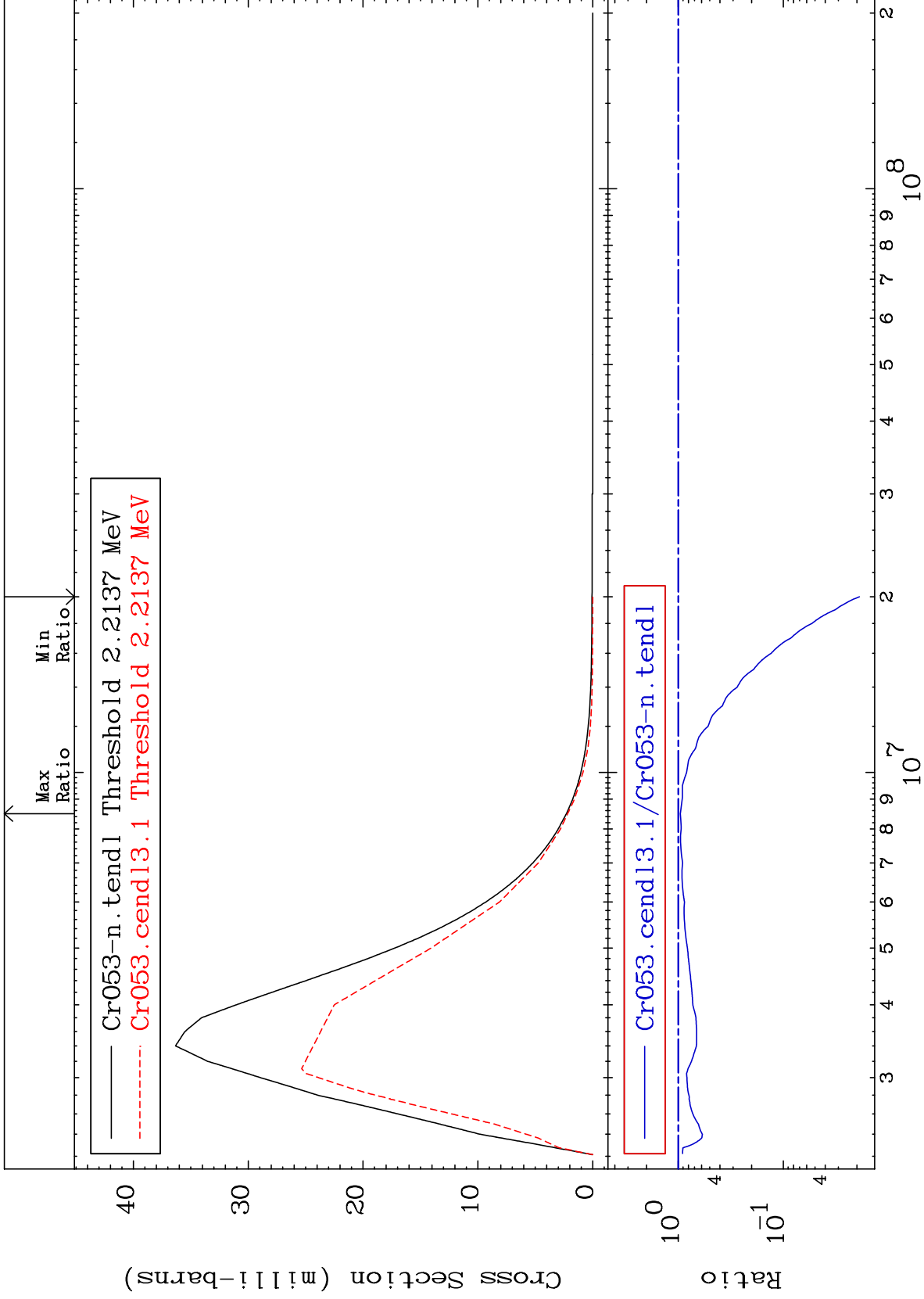
24-Cr-53
-14.25 To 9999. %



MAT 2434

2.172 MeV (n,n') Level
Cross Section

24-Cr-53
-98.11 To -4.721%



12

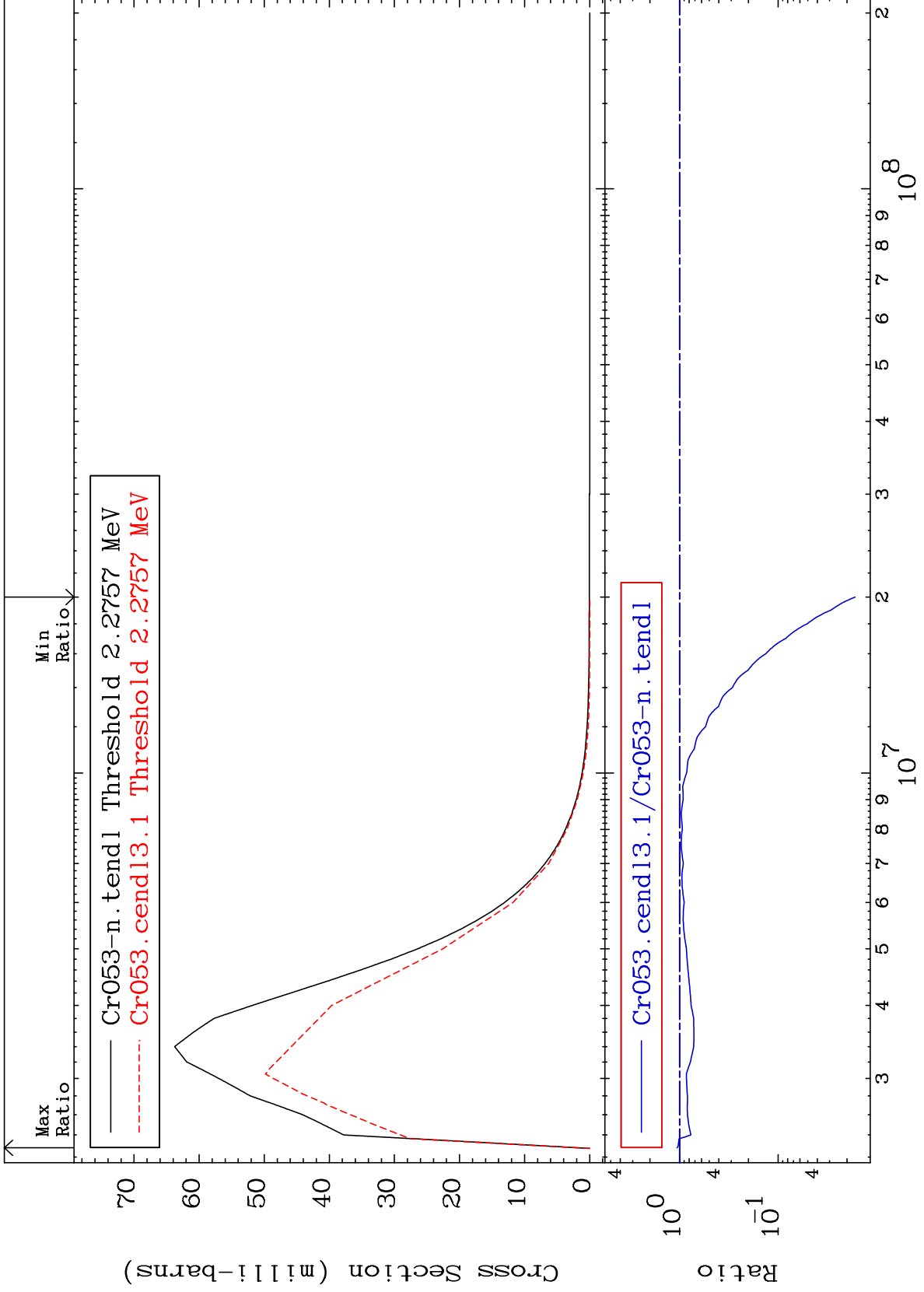
Incident Energy (eV)

24-Cr-53

MAT 2434

2.233 MeV (n,n') Level
Cross Section

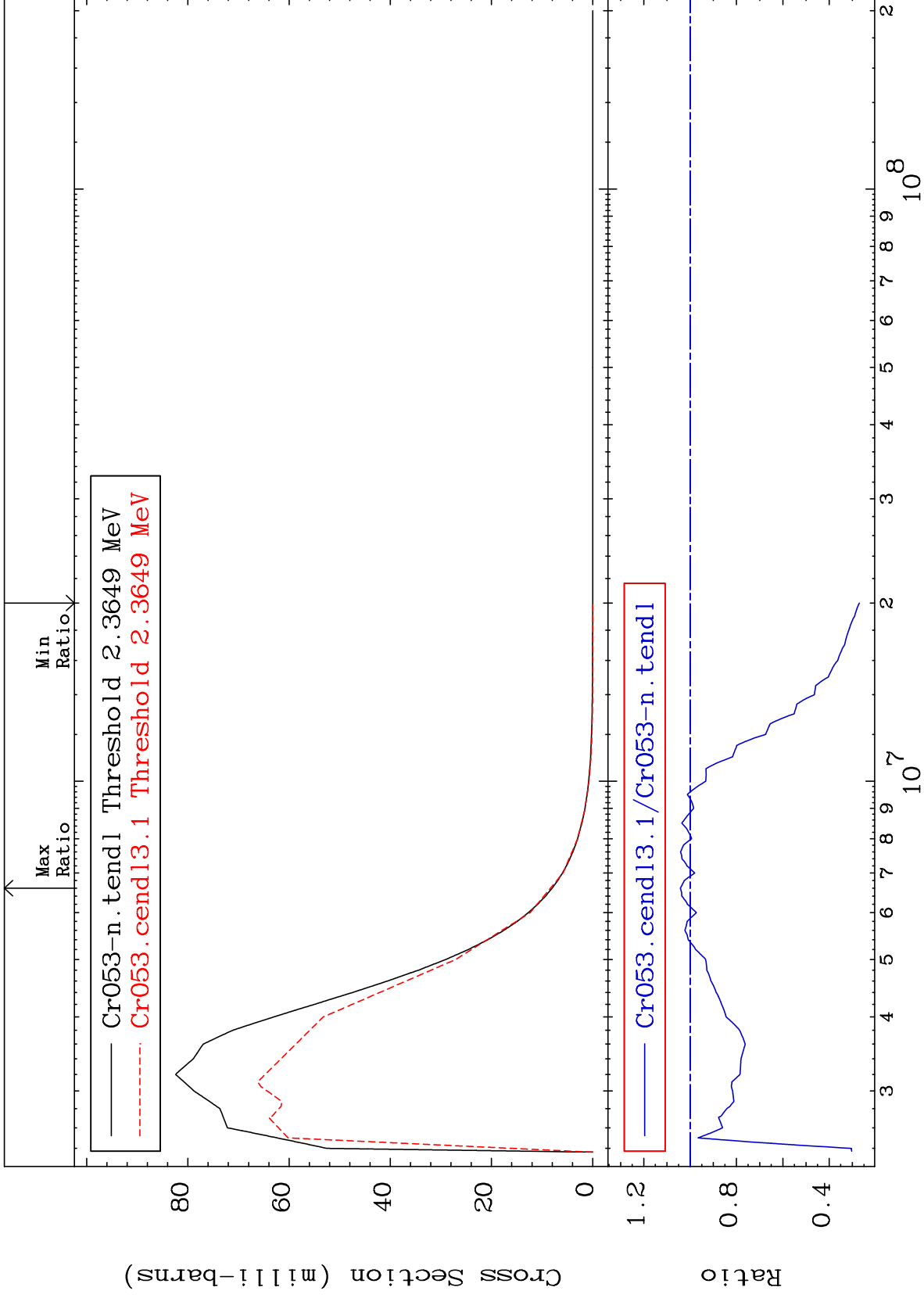
24-Cr-53
-98.35 To 6.546 %



MAT 2434

2.321 MeV (n,n') Level
Cross Section

24-Cr-53
-73.06 To 4.219 %



14

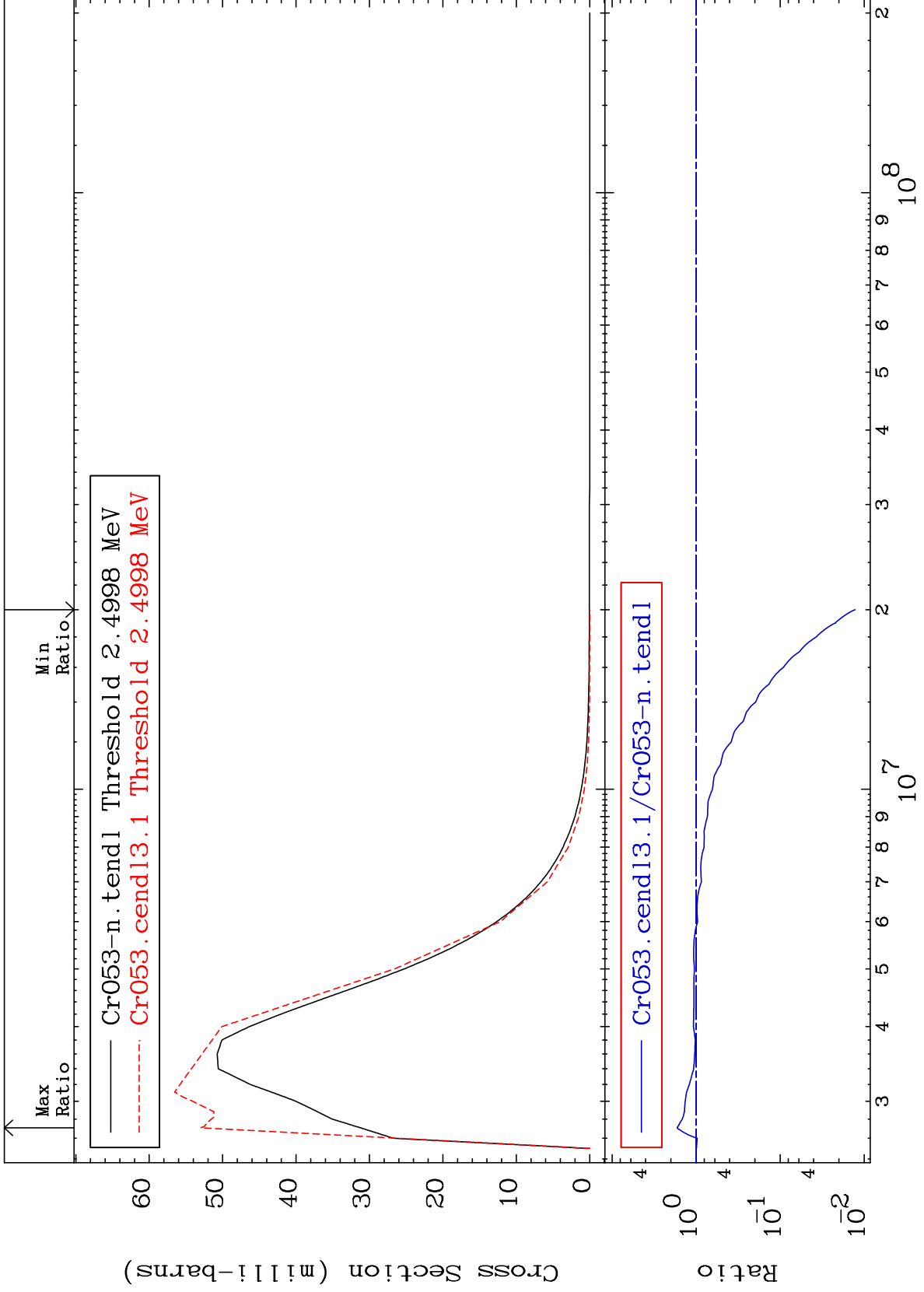
Incident Energy (eV)

24-Cr-53

MAT 2434

2.453 MeV (n,n') Level
Cross Section

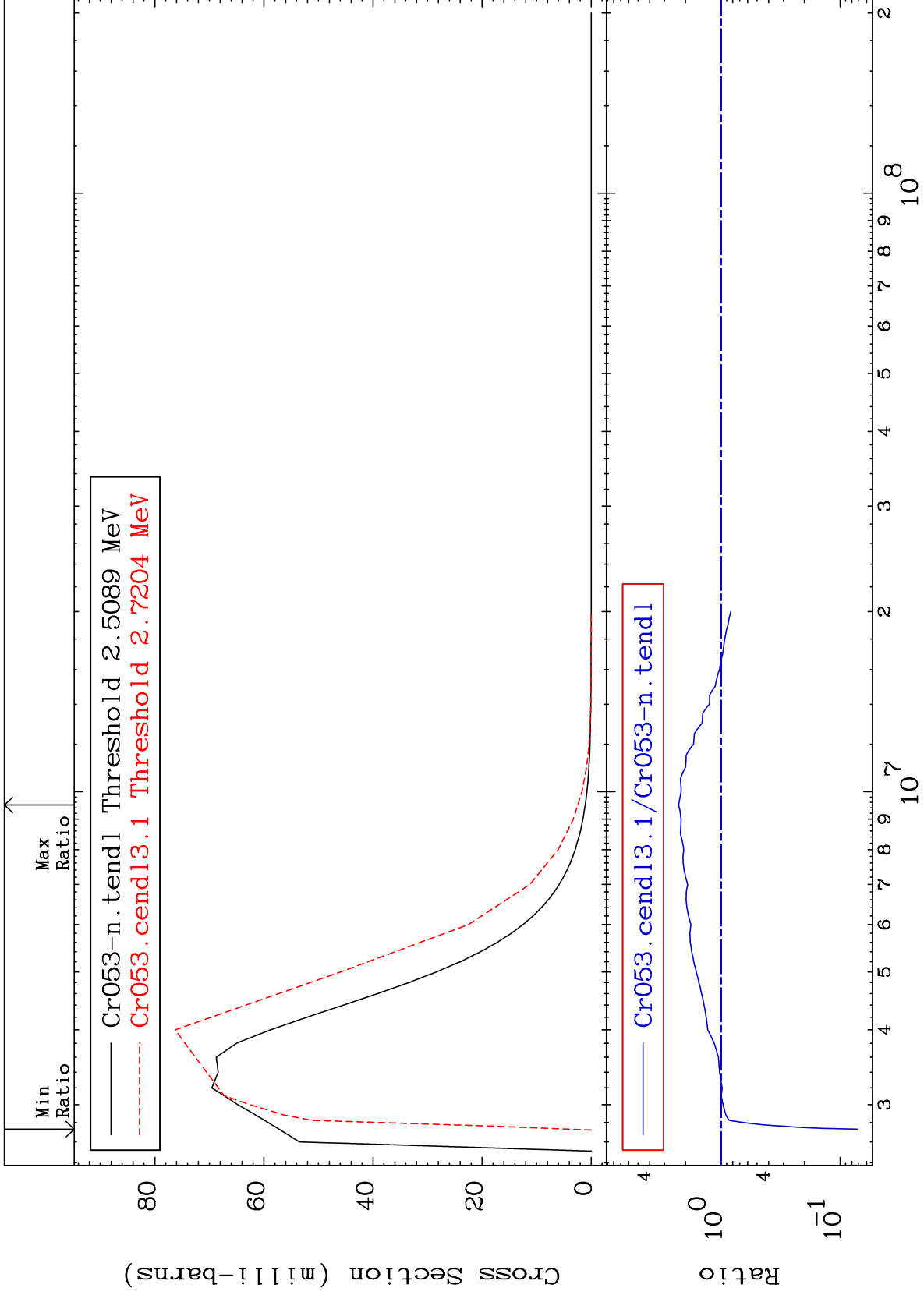
24-Cr-53
-98.72 To 69.62 %



MAT 2434

2.462 MeV (n,n') Level
Cross Section

24-Cr-53
-92.81 To 128.0 %



16

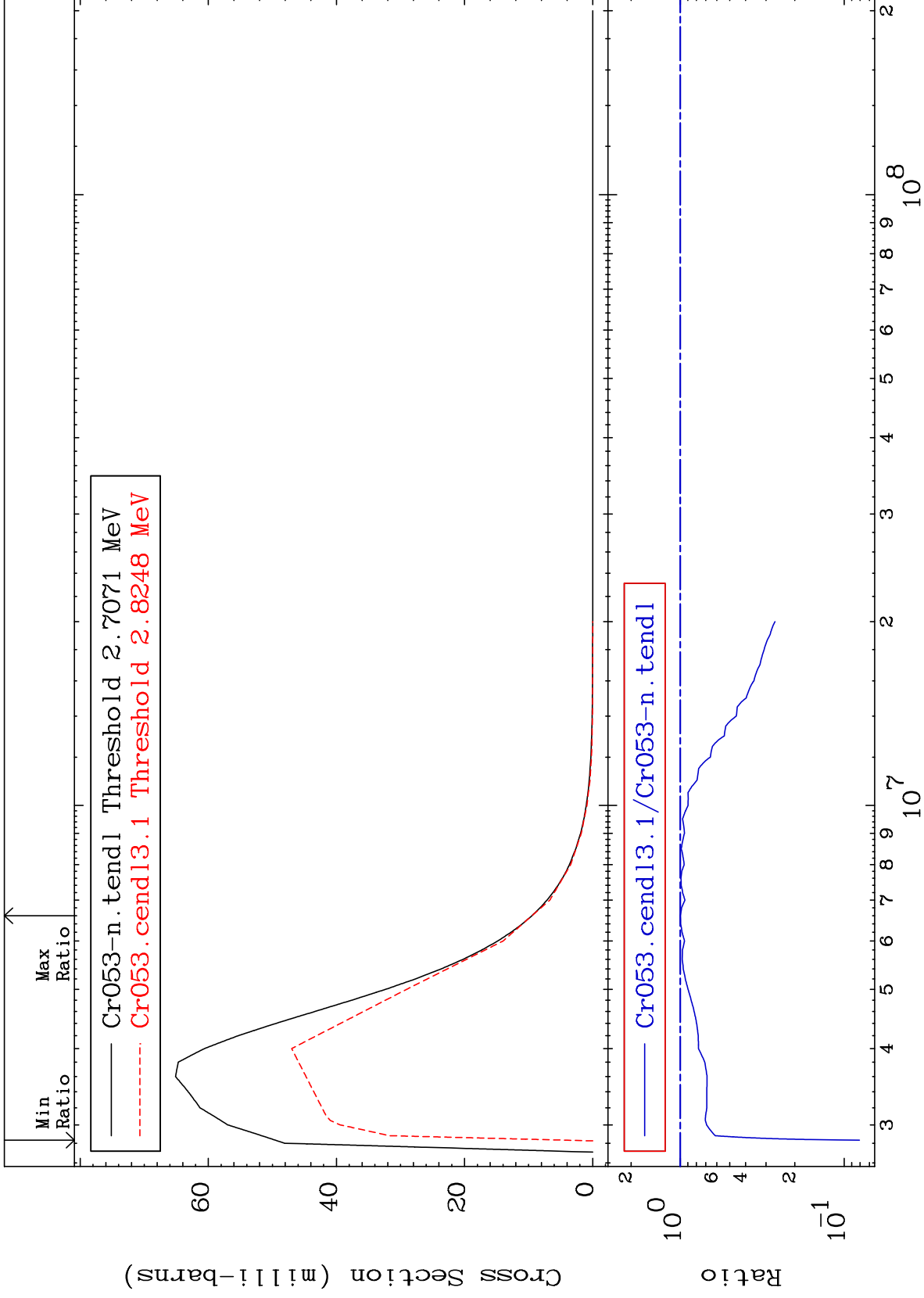
24-Cr-53

24-Cr-53

MAT 2434

2.657 MeV (n,n') Level
Cross Section

24-Cr-53
-91.93 To 0.064 %



17

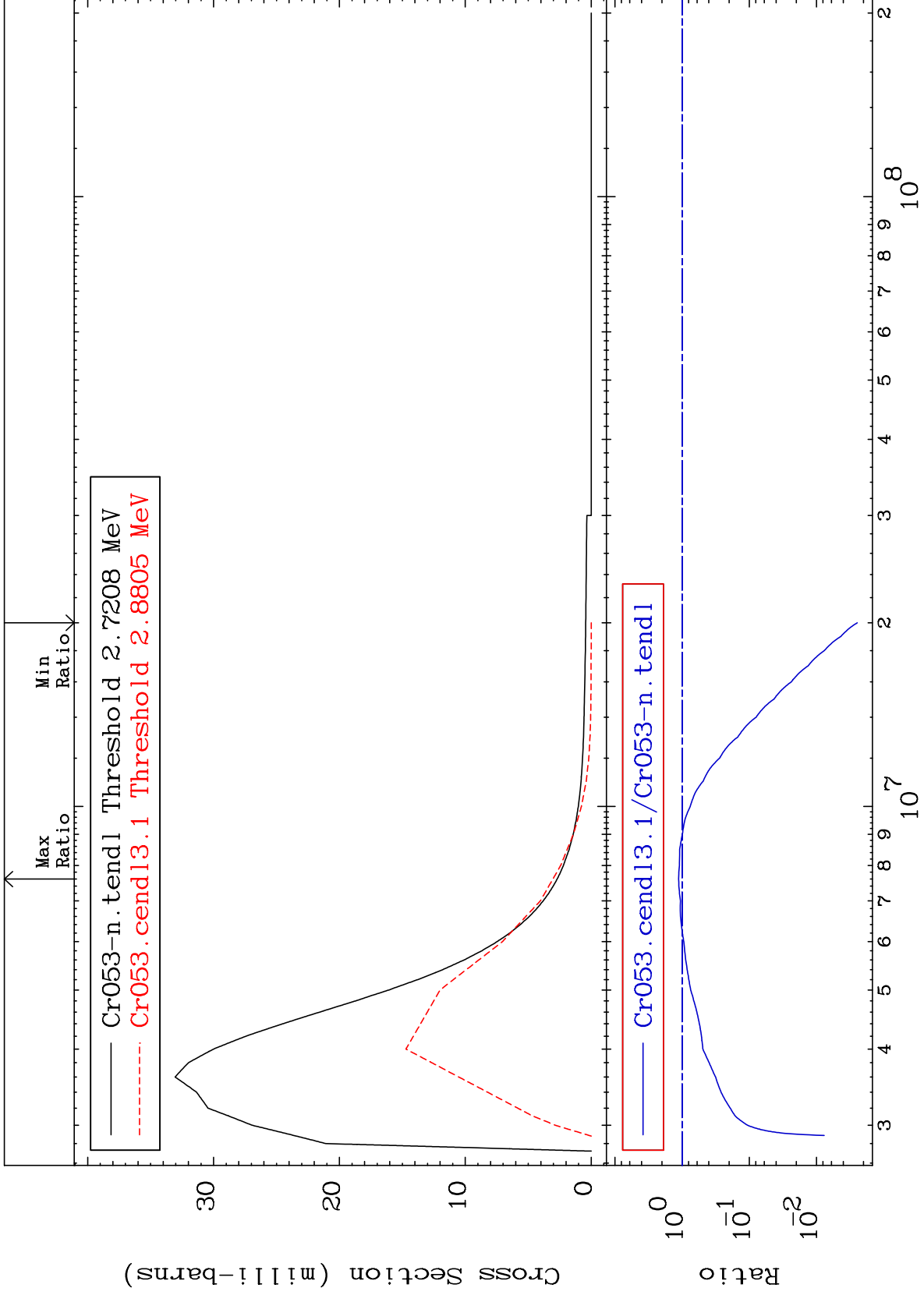
Incident Energy (eV)

24-Cr-53

MAT 2434

2.670 MeV (n,n') Level
Cross Section

24-Cr-53
-99.75 To 12.56 %



18

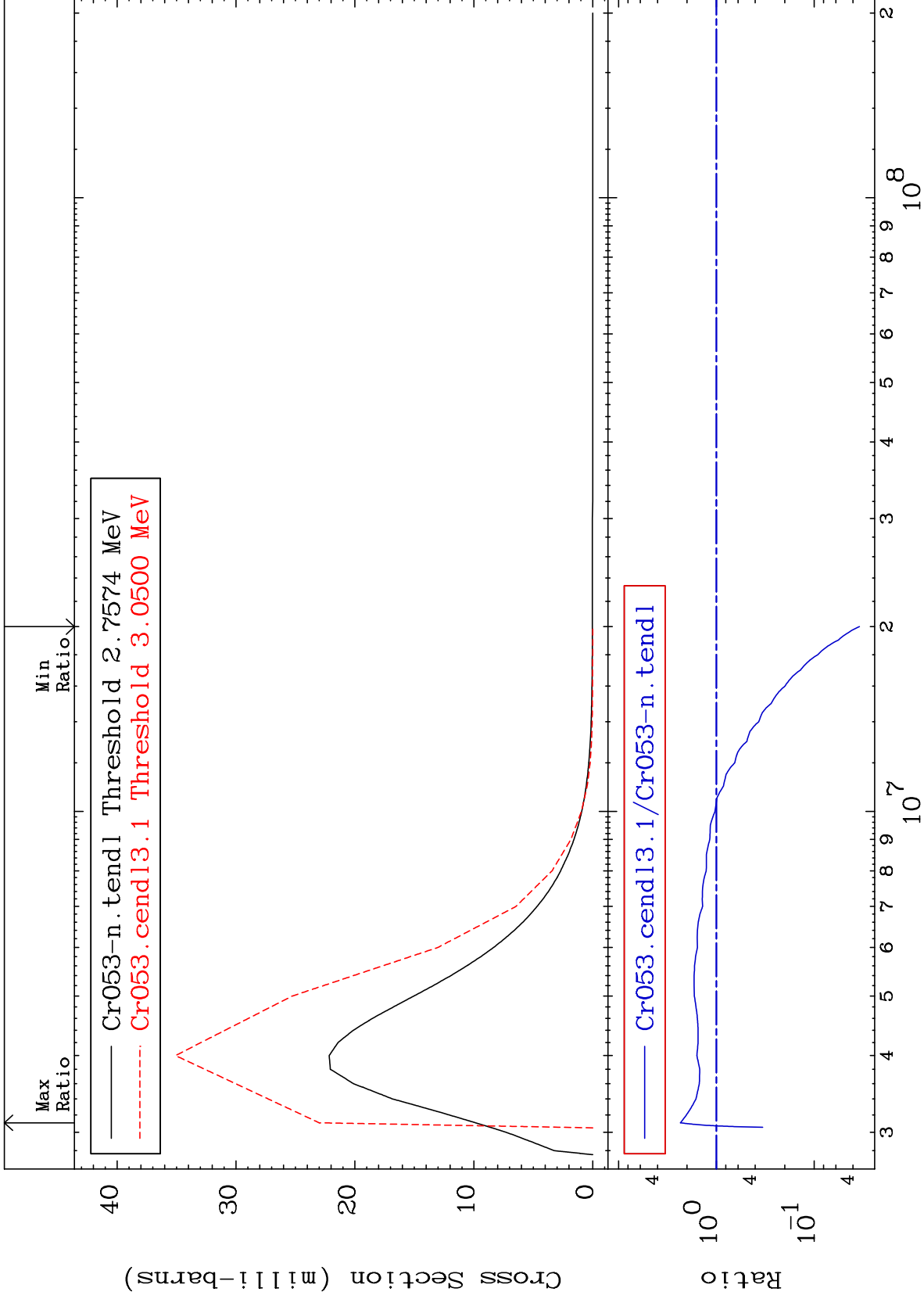
Incident Energy (eV)

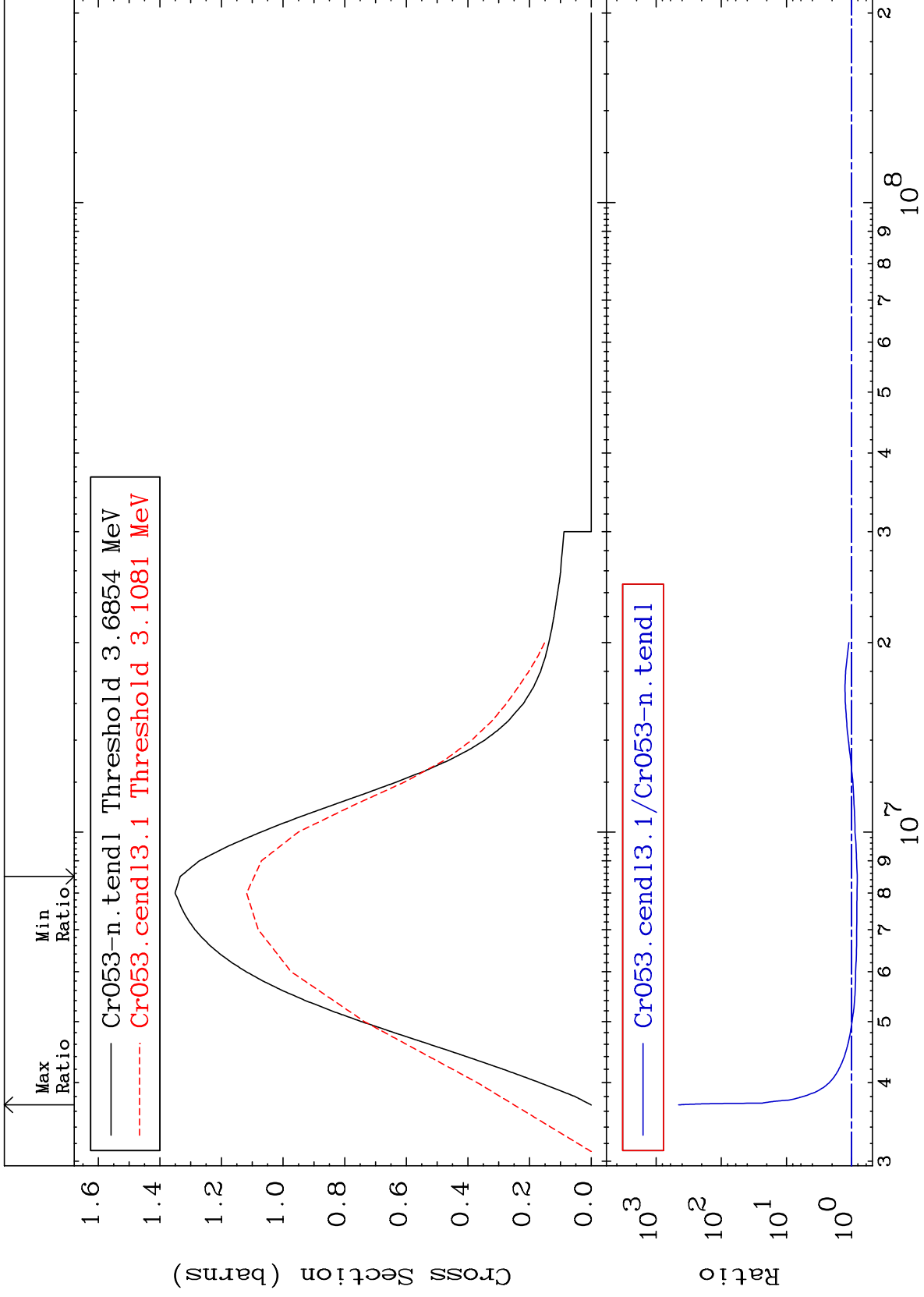
24-Cr-53

MAT 2434

2.706 MeV (n,n') Level
Cross Section

24-Cr-53
-96.56 To 133.4 %





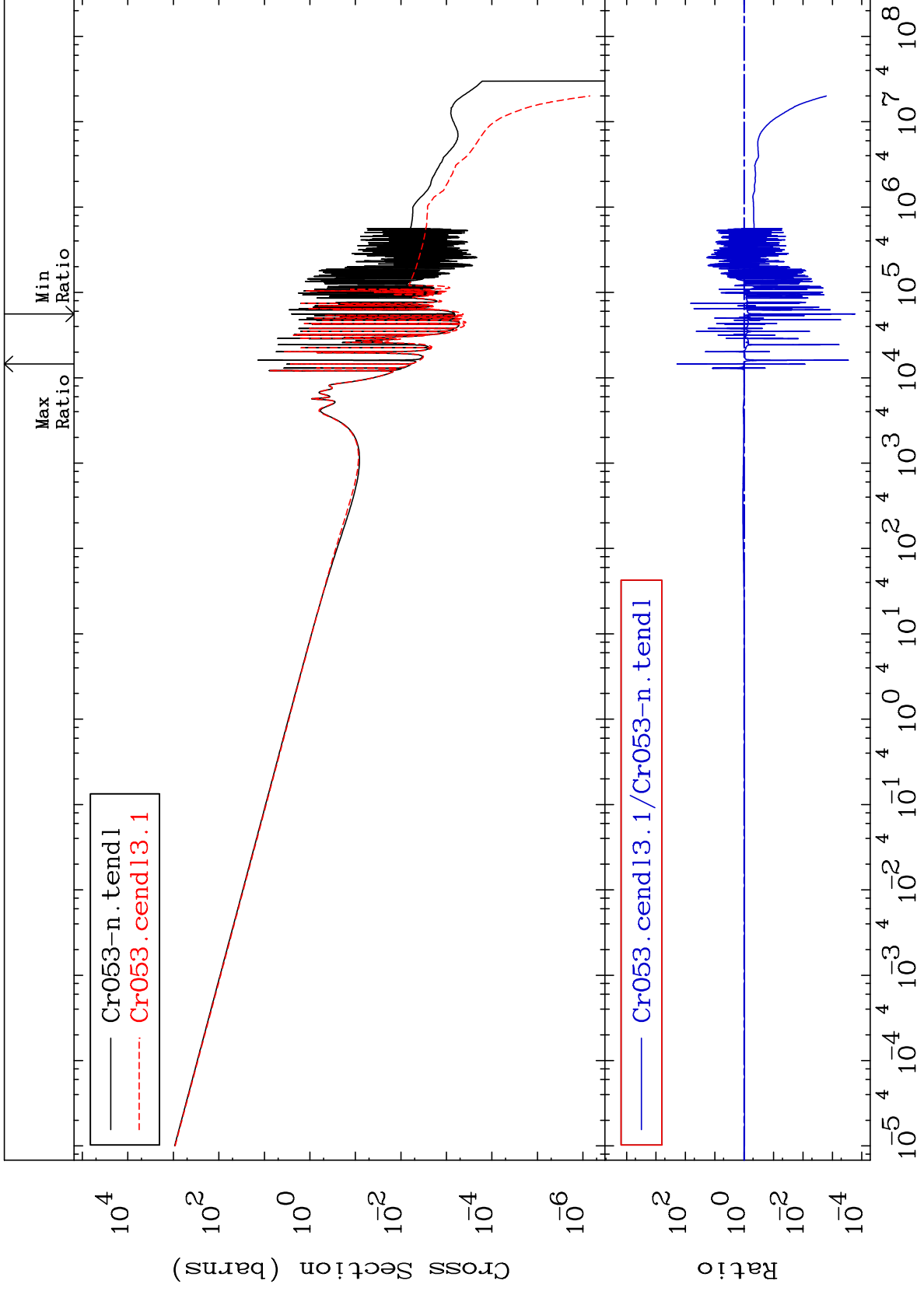
MAT 2434

(n, γ)

24-Cr-53

Cross Section

-99.98 To 9999. %



21

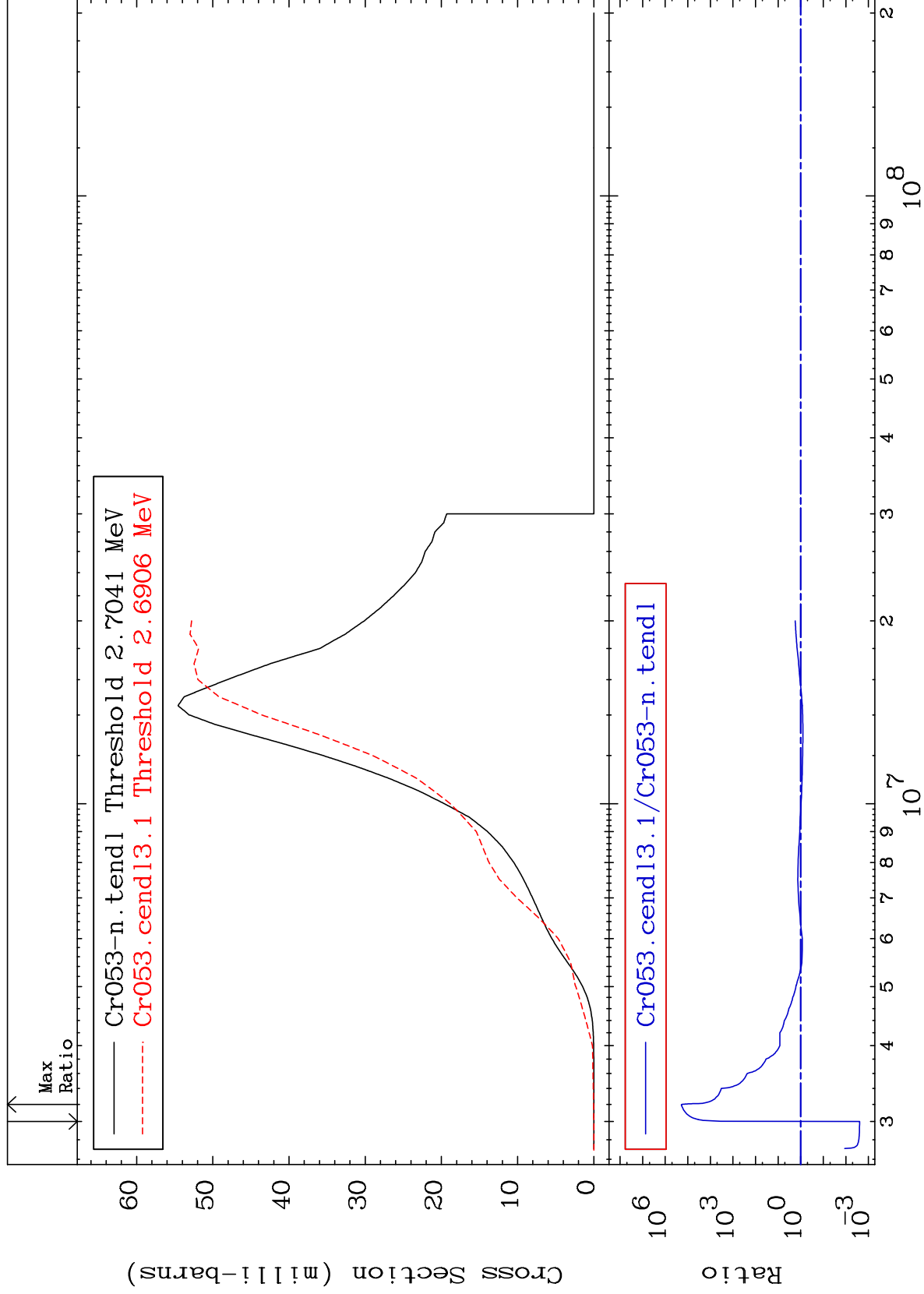
Incident Energy (eV)

24-Cr-53

MAT 2434

(n,p)
Cross Section

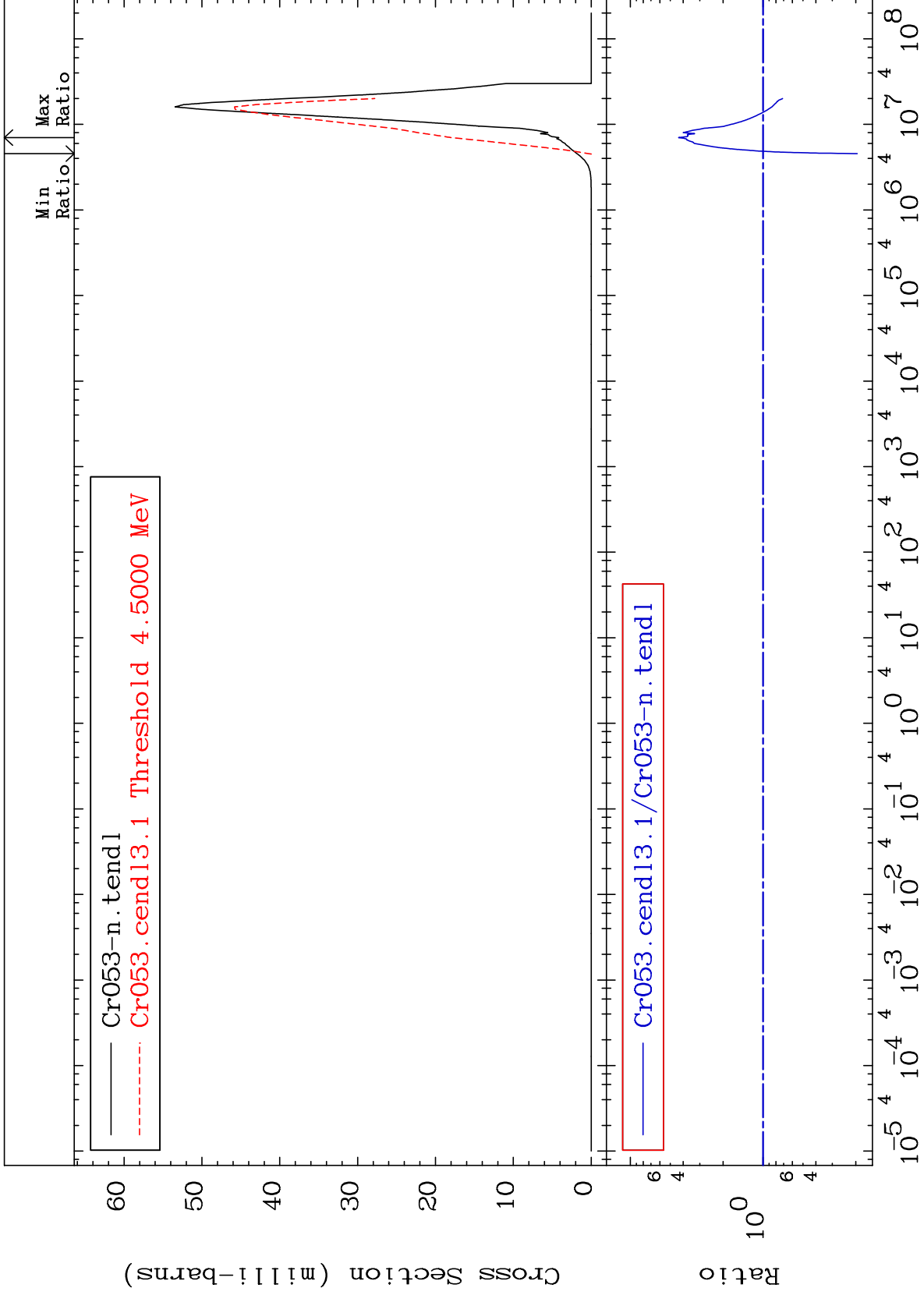
²⁴Cr-53
-99.75 To 9999. %



MAT 2434

(n, α)
Cross Section

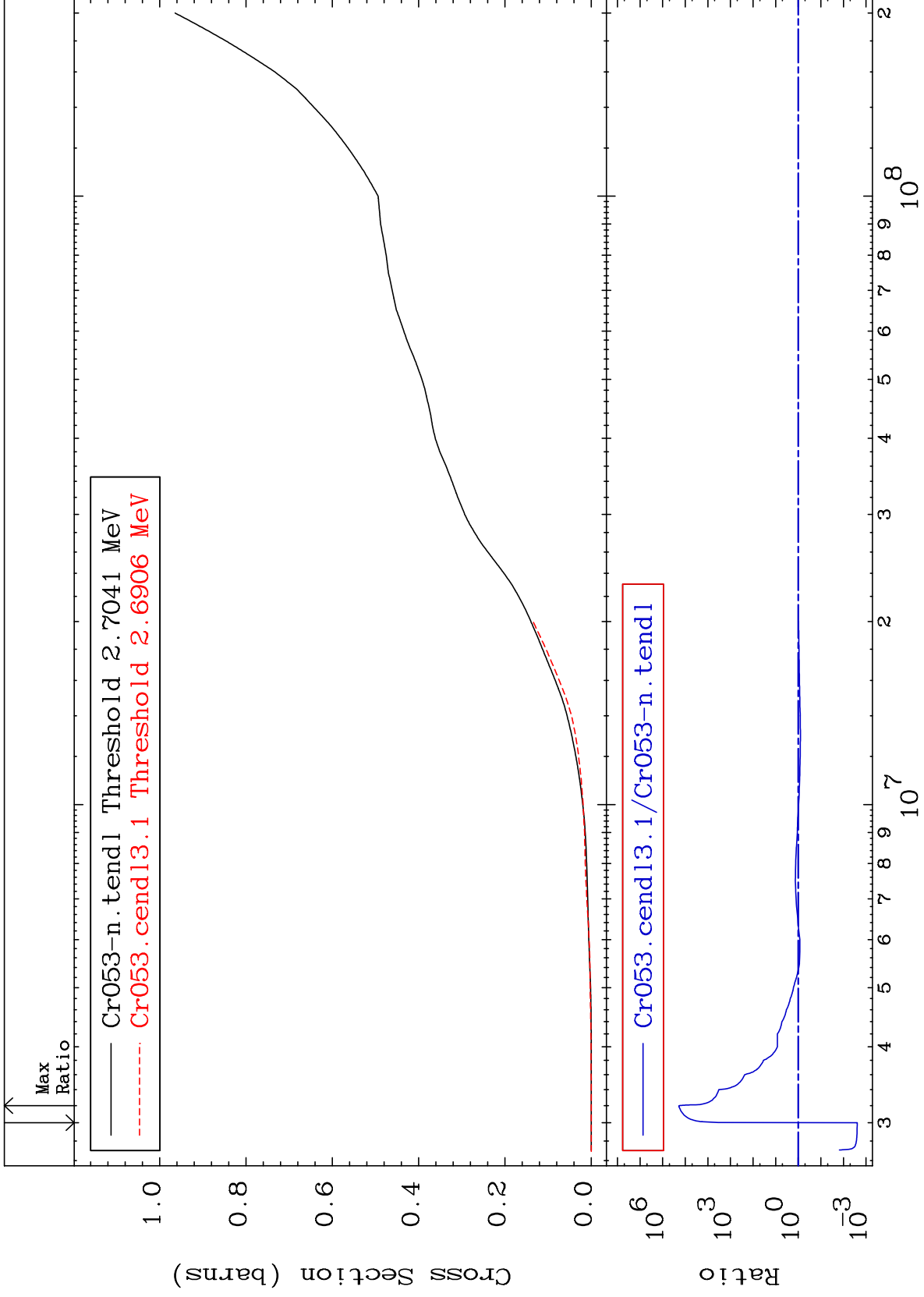
24-Cr-53
-80.52 To 332.5 %

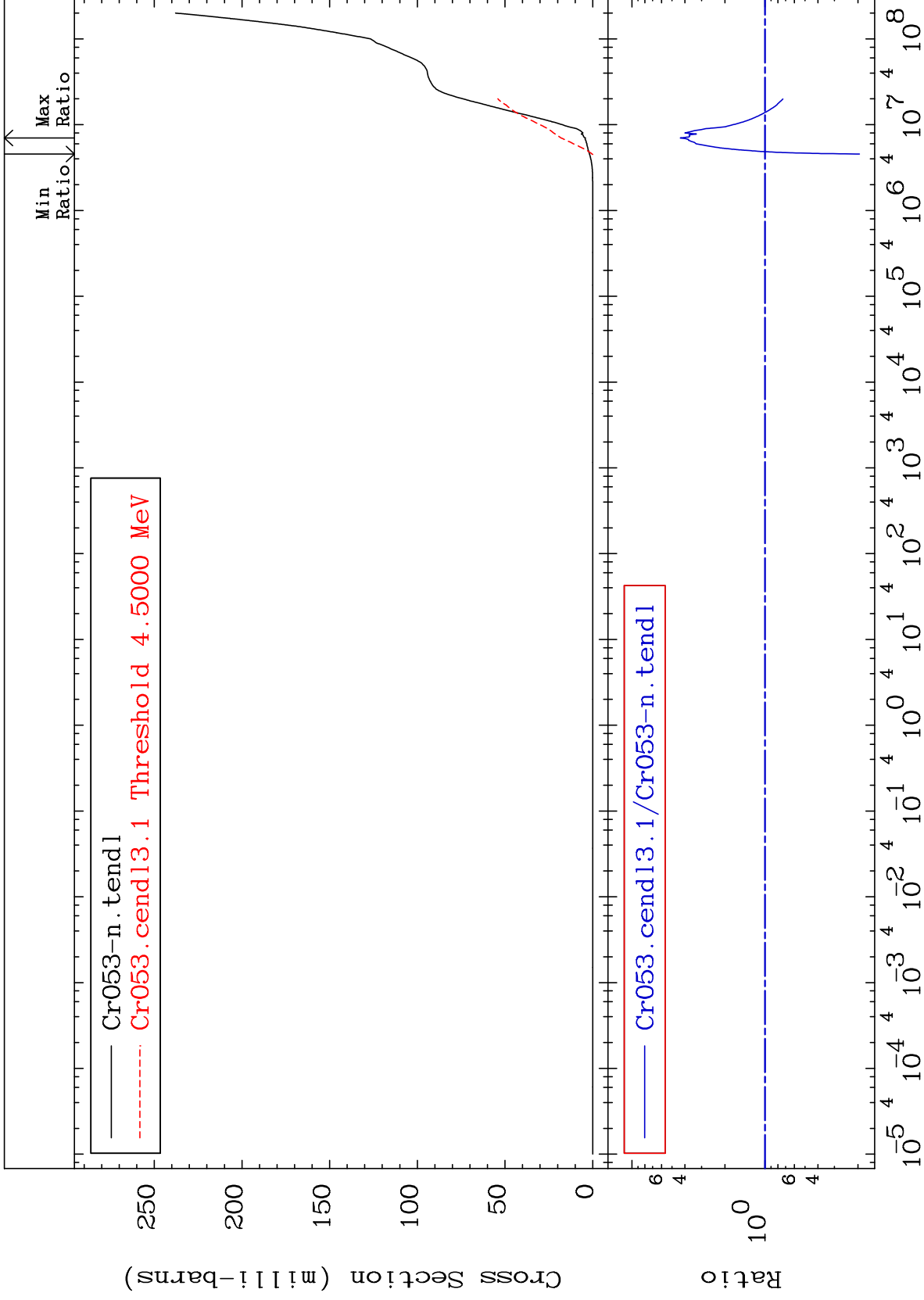


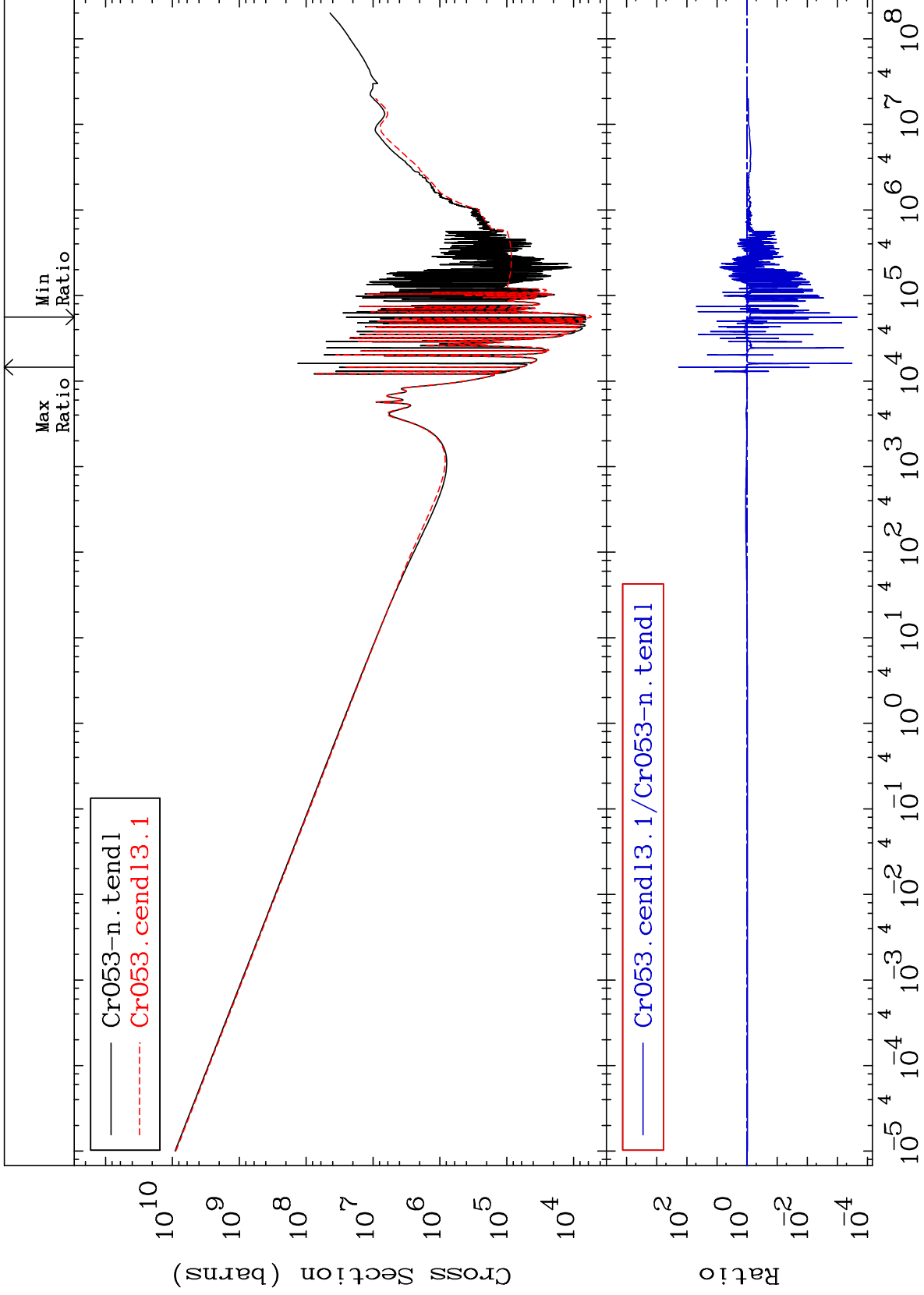
23

Incident Energy (eV)

24-Cr-53



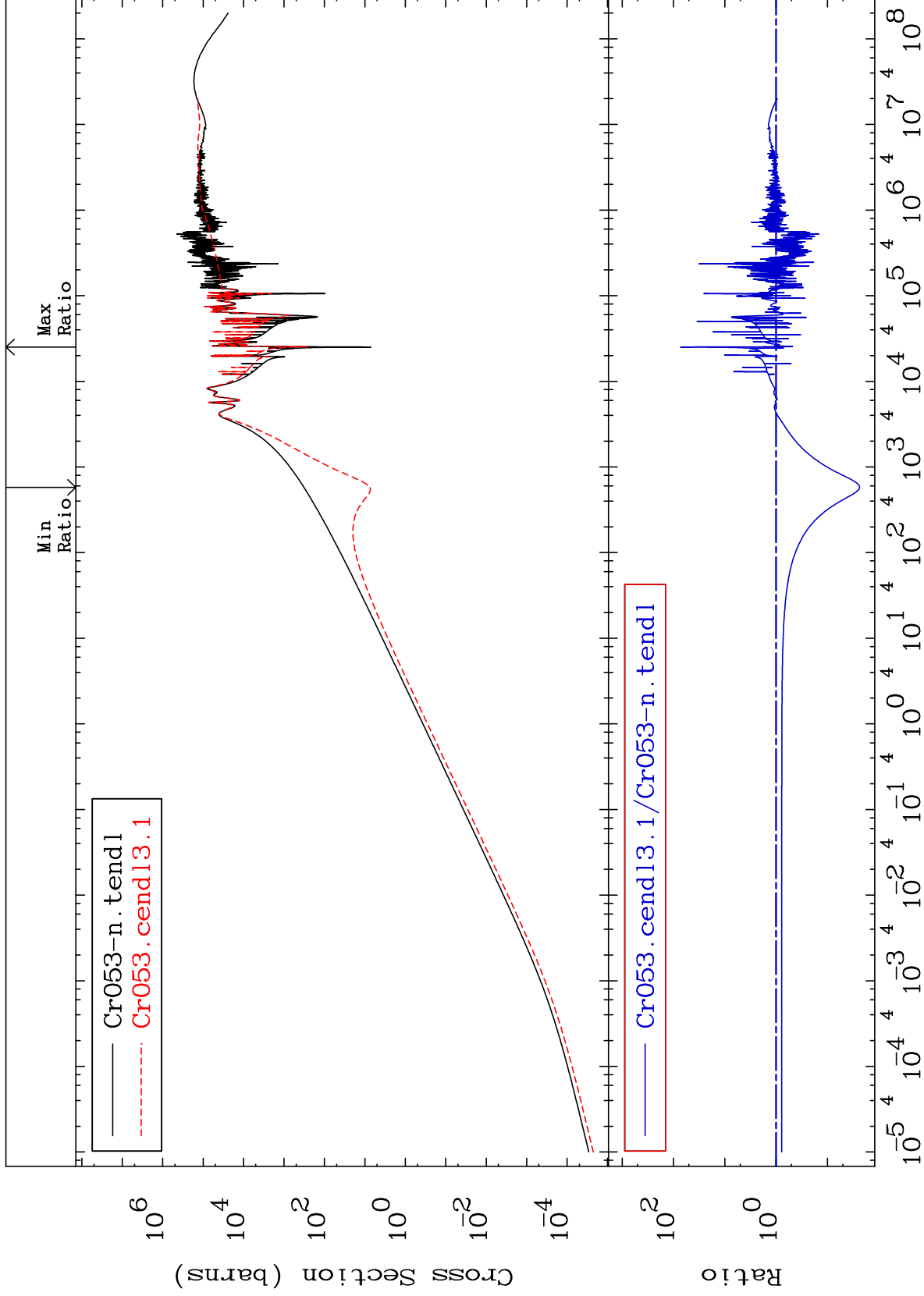




MAT 2434

Kerma elastic
Cross Section

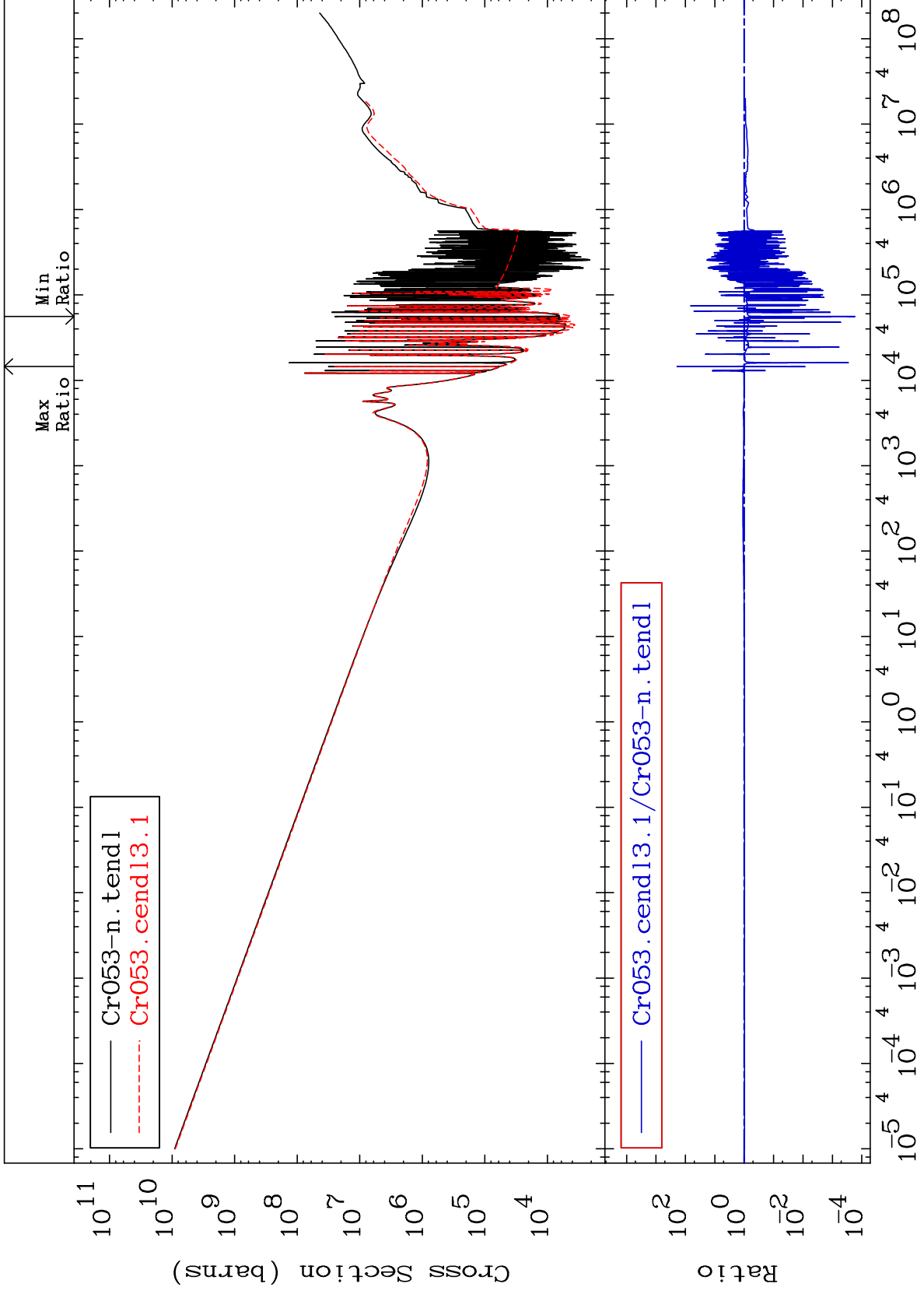
24-Cr-53
-97.64 To 7115. %

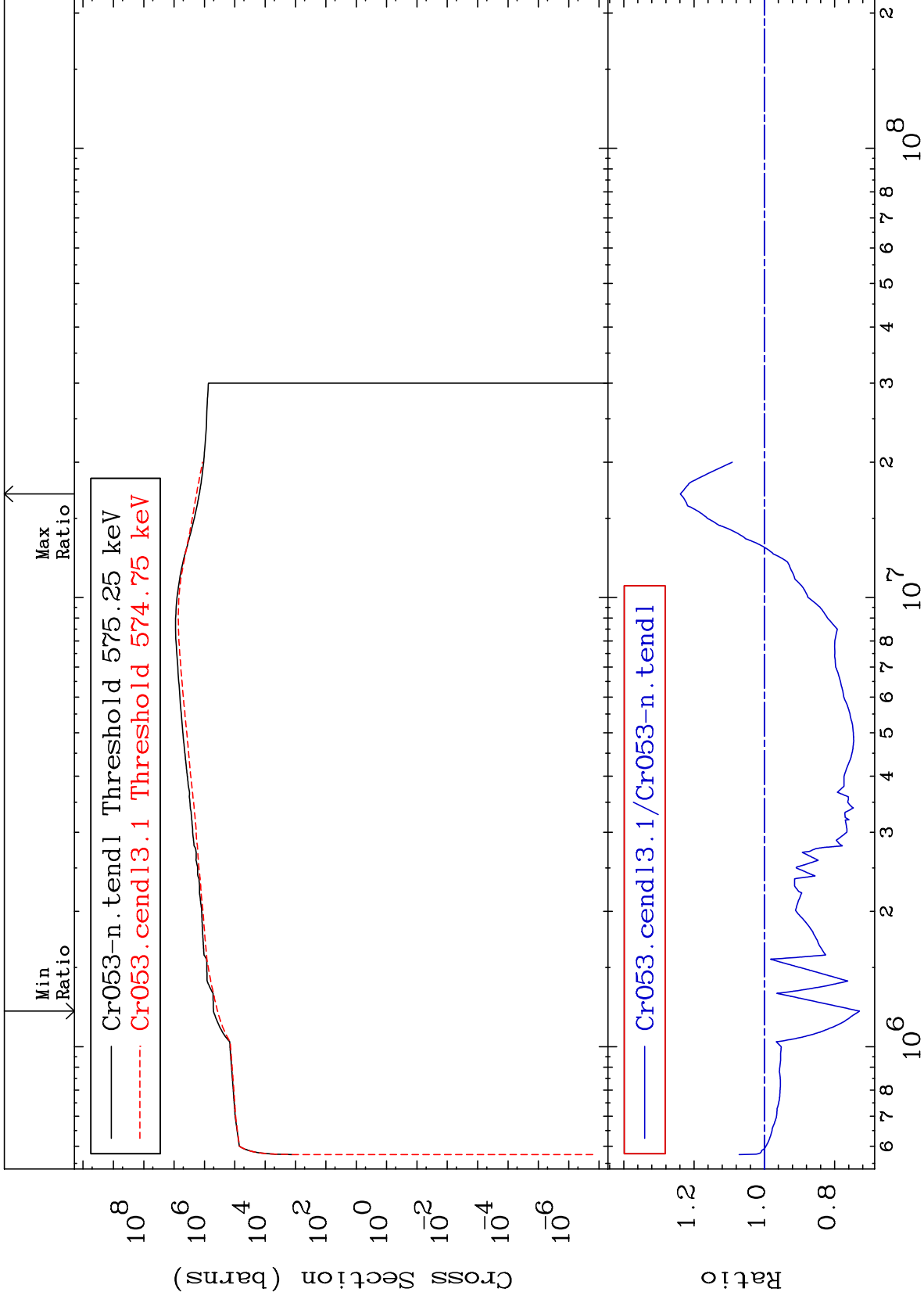


MAT 2434

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-53
-99.98 To 9999. %

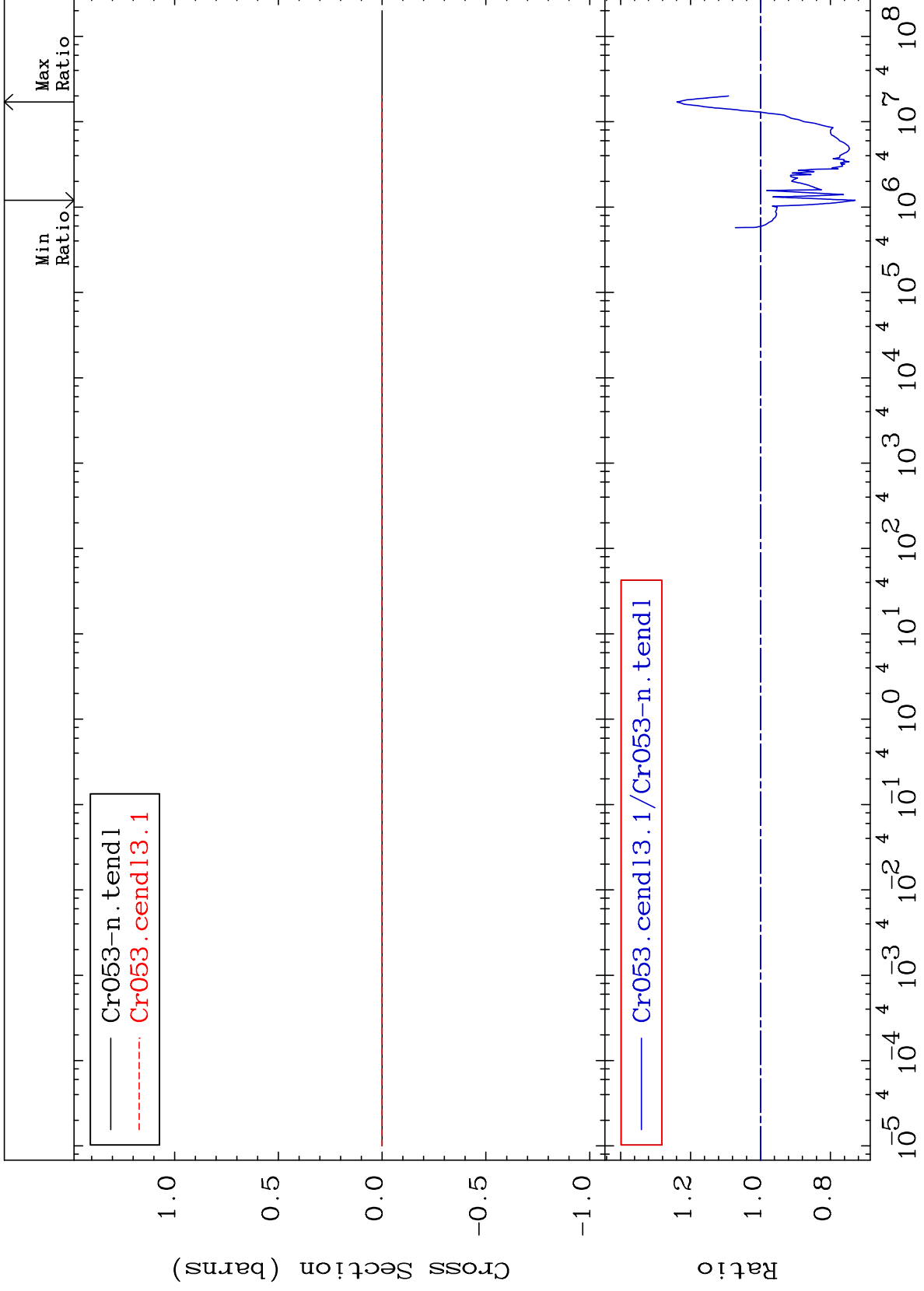




MAT 2434

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

24-Cr-53
-27.04 To 23.89 %



30

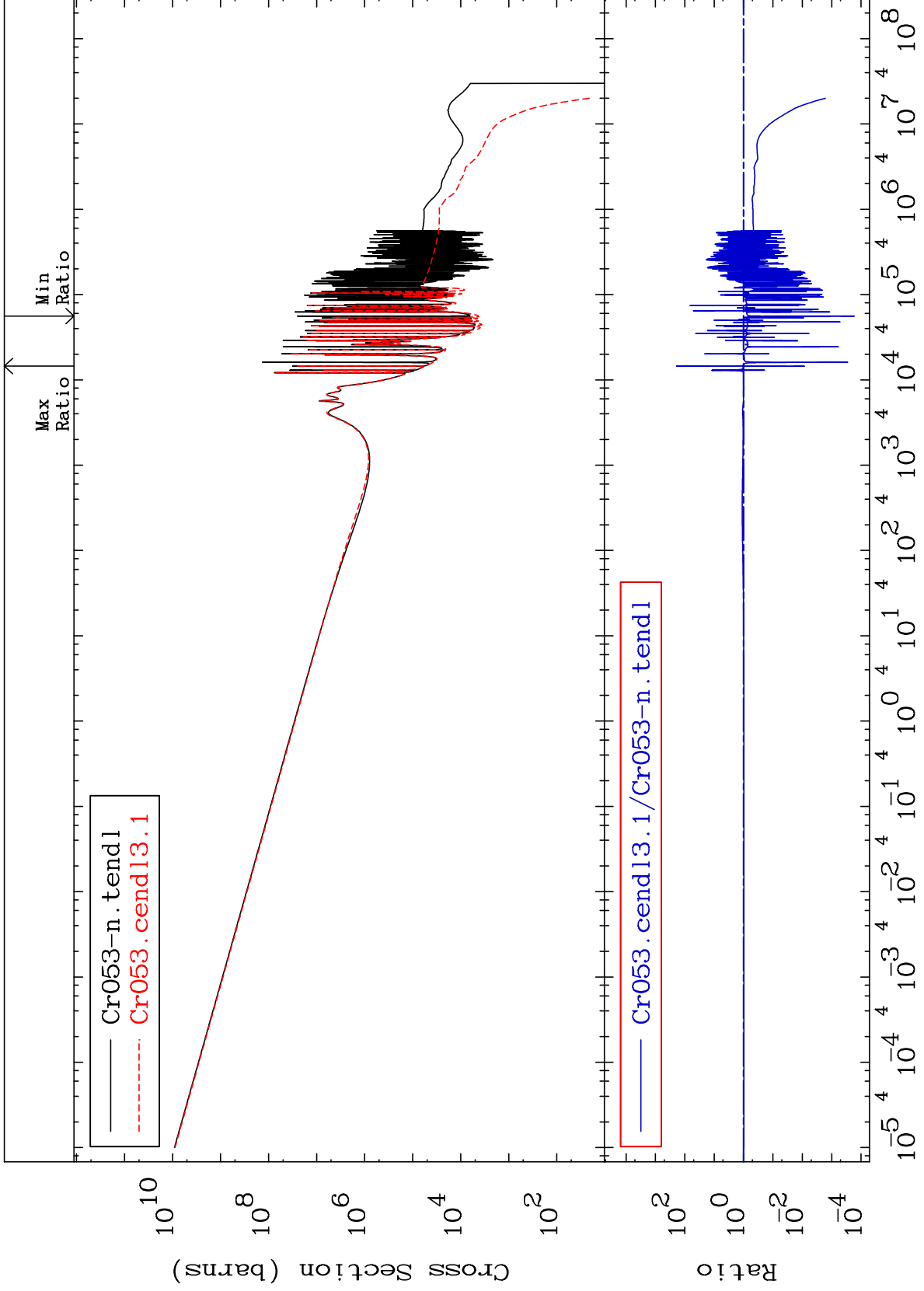
Incident Energy (eV)

24-Cr-53

MAT 2434

Kerma capture (mt102)
Cross Section

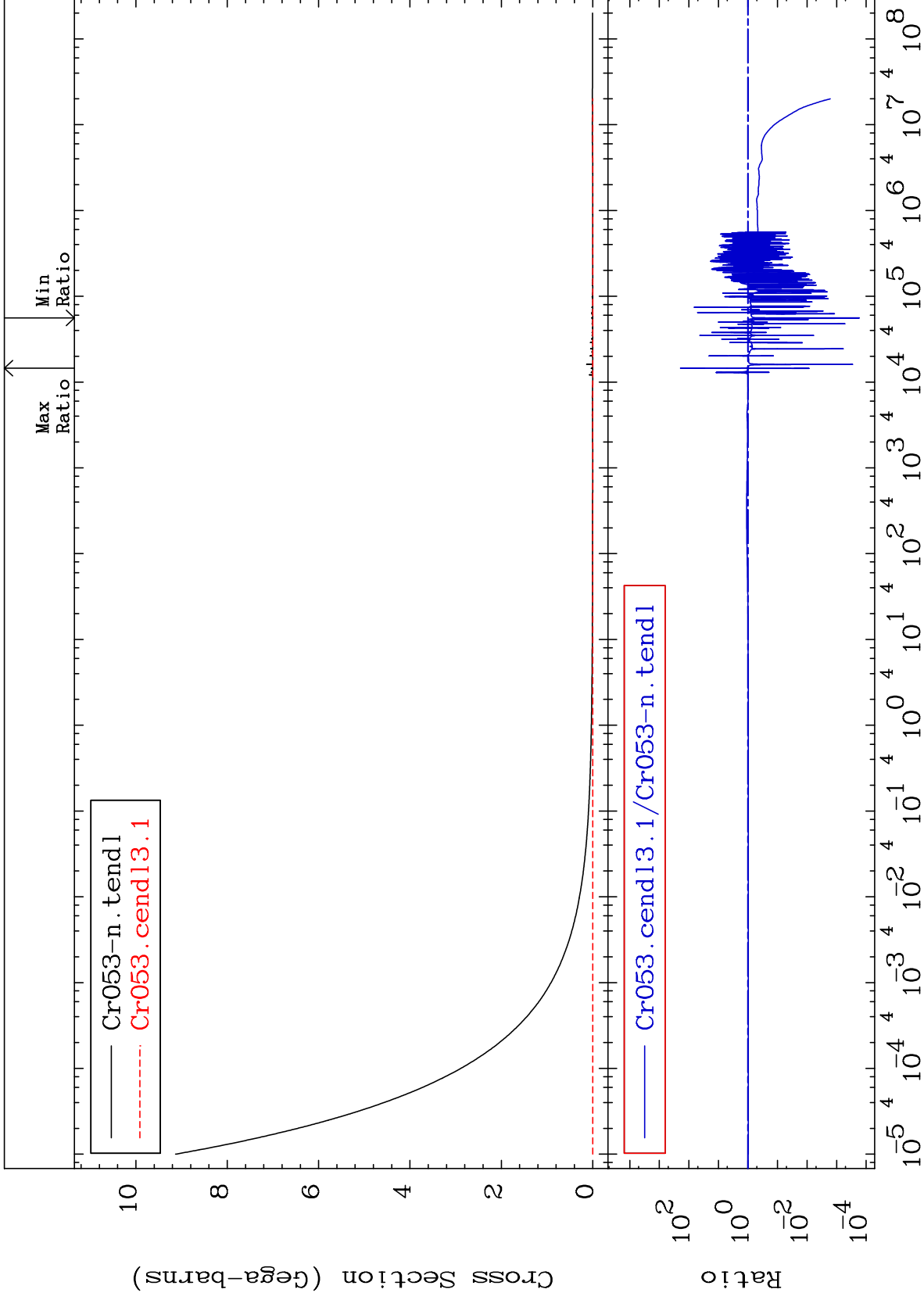
24-Cr-53
-99.98 To 9999. %

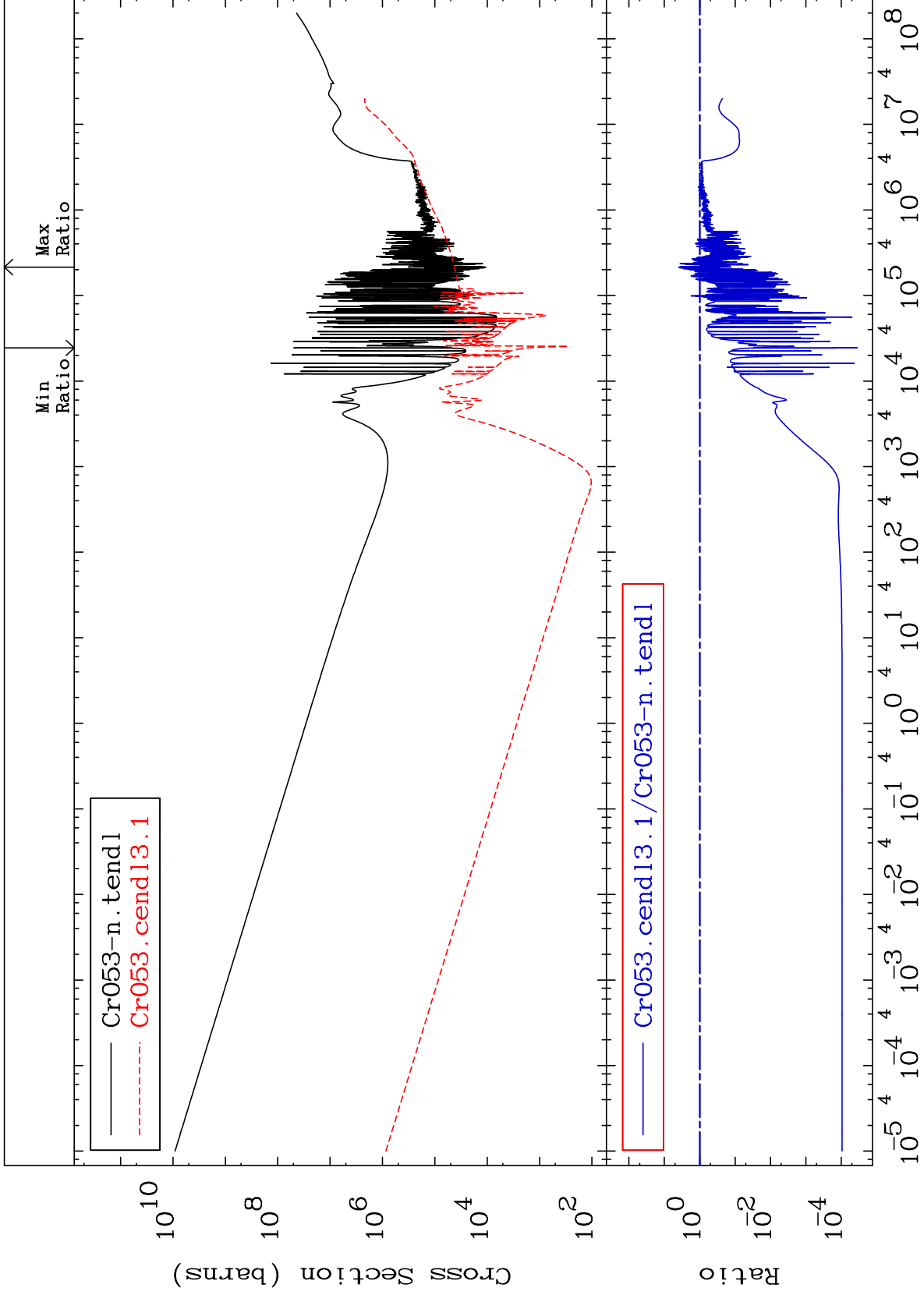


31

Incident Energy (eV)

24-Cr-53

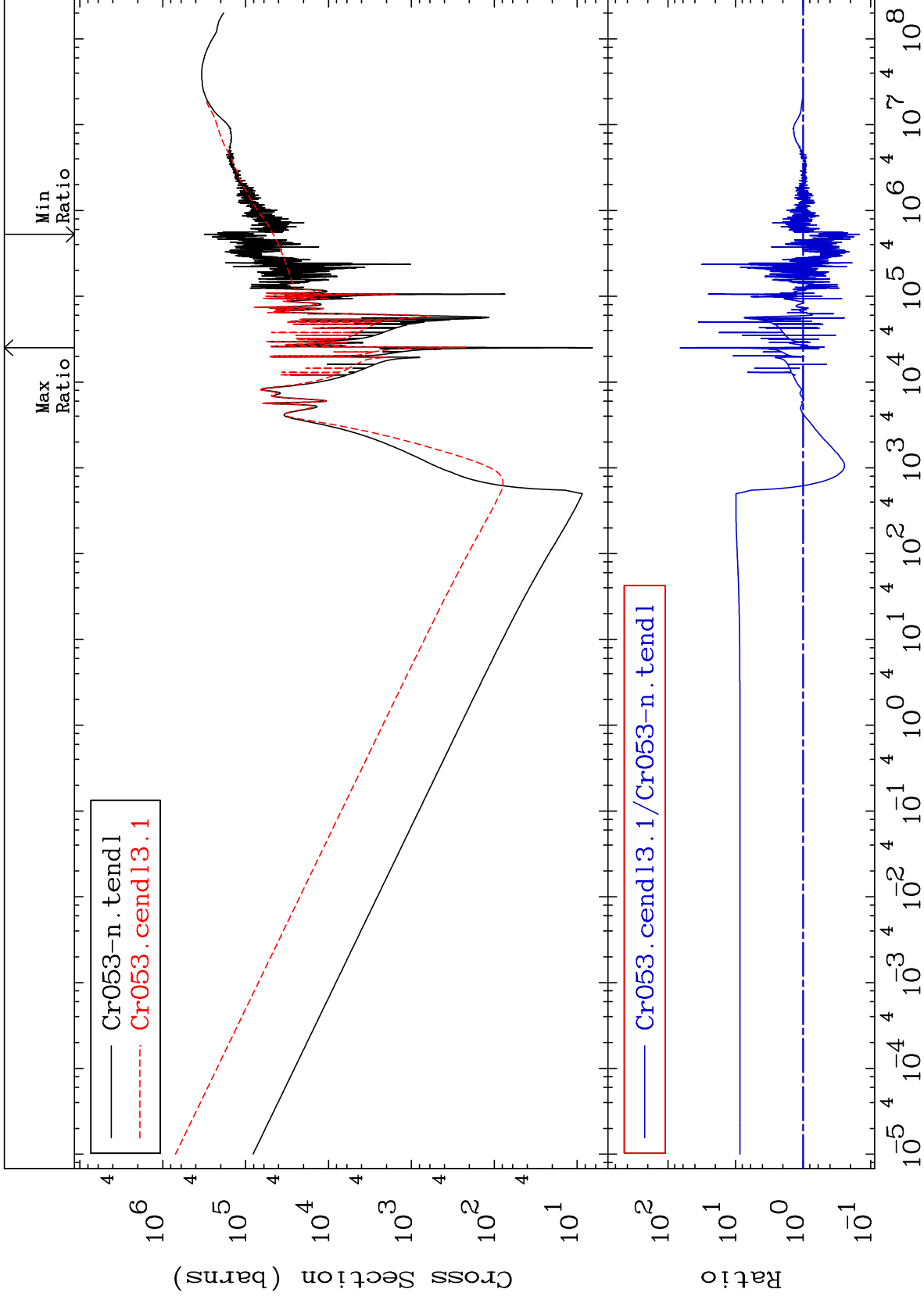




MAT 2434

Dpa total (eV-barns)
Cross Section

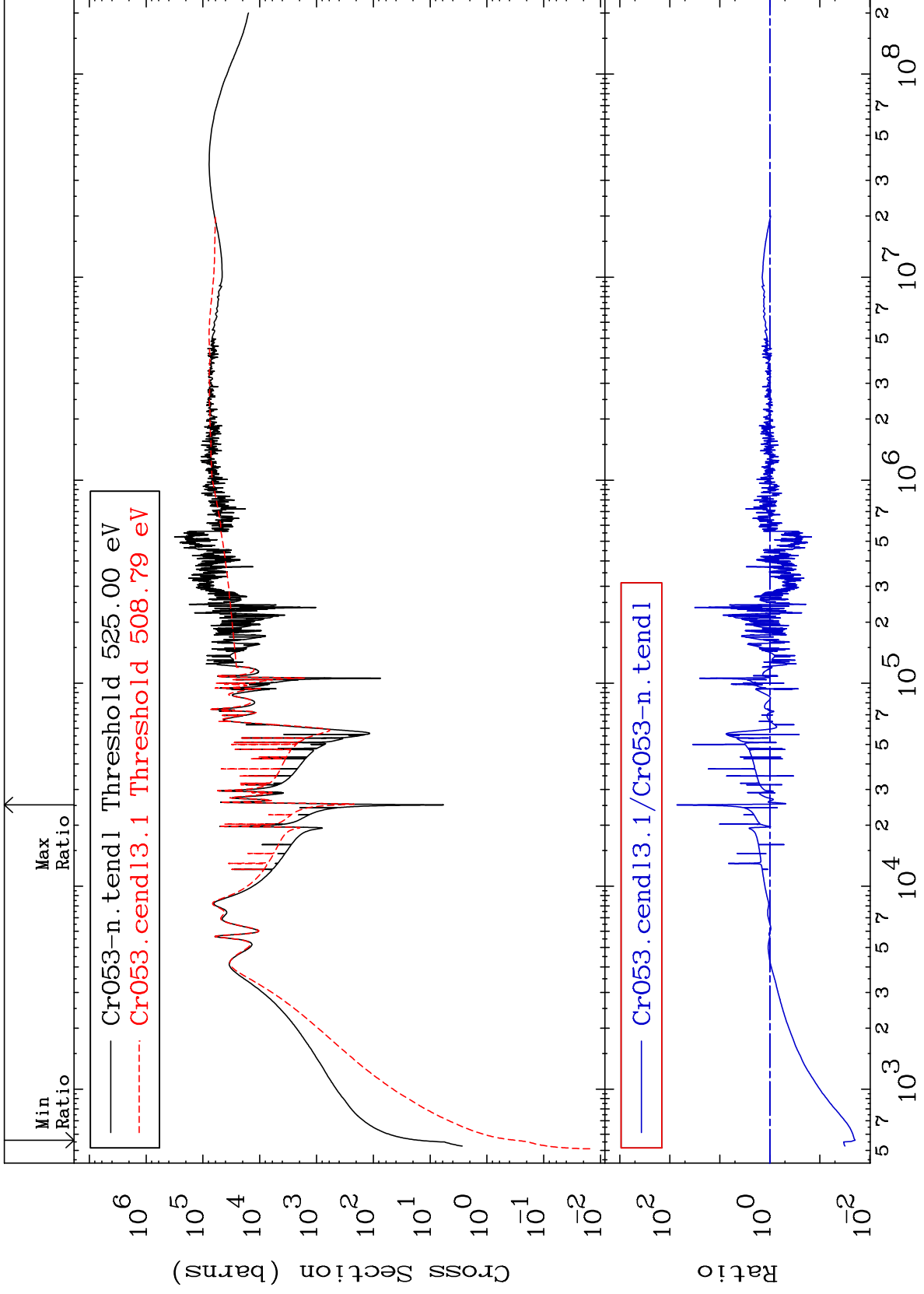
24-Cr-53
-85.28 To 6475. %

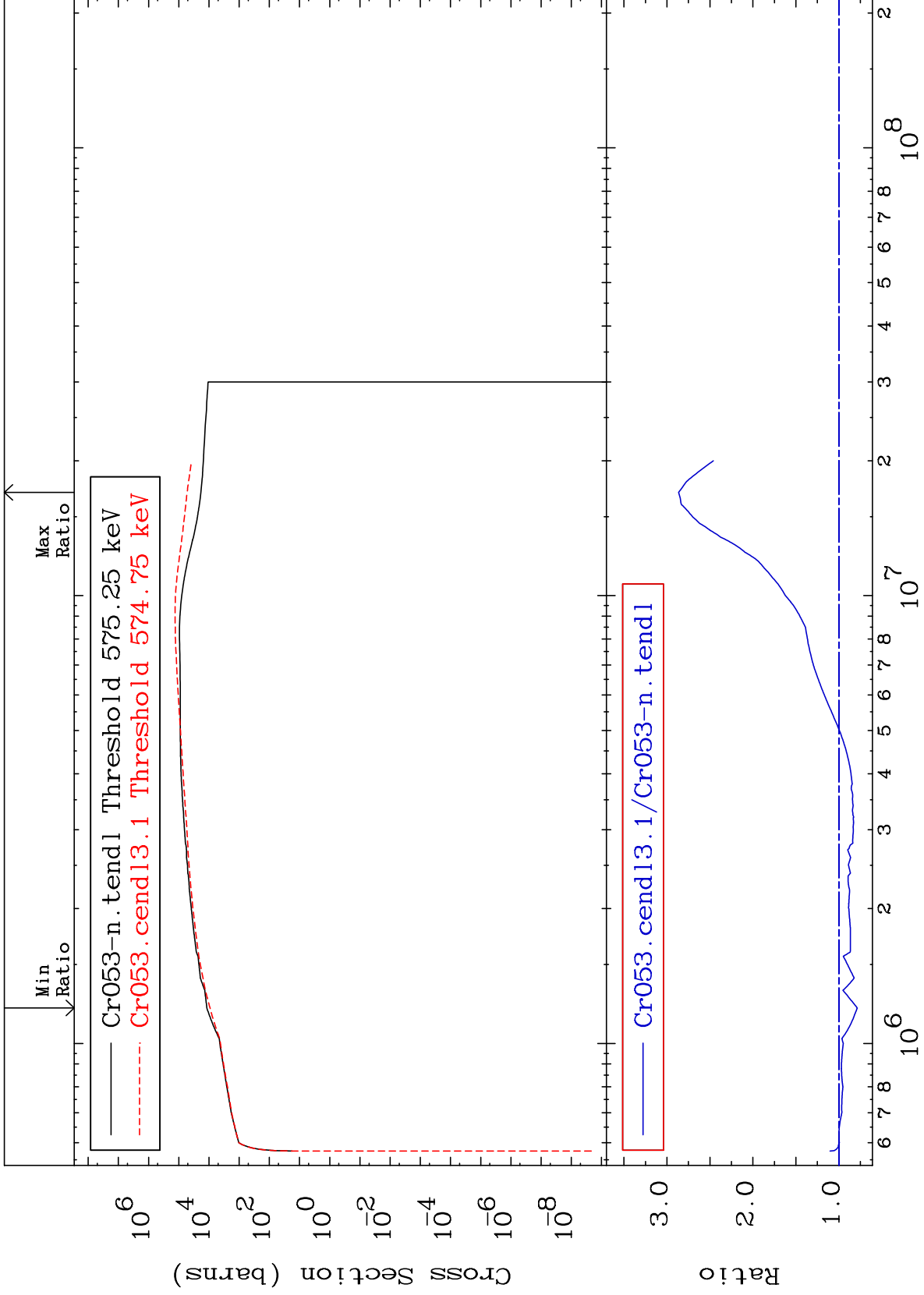


MAT 2434

Dpa elastic (mt2)
Cross Section

24-Cr-53
-98.03 To 7116. %

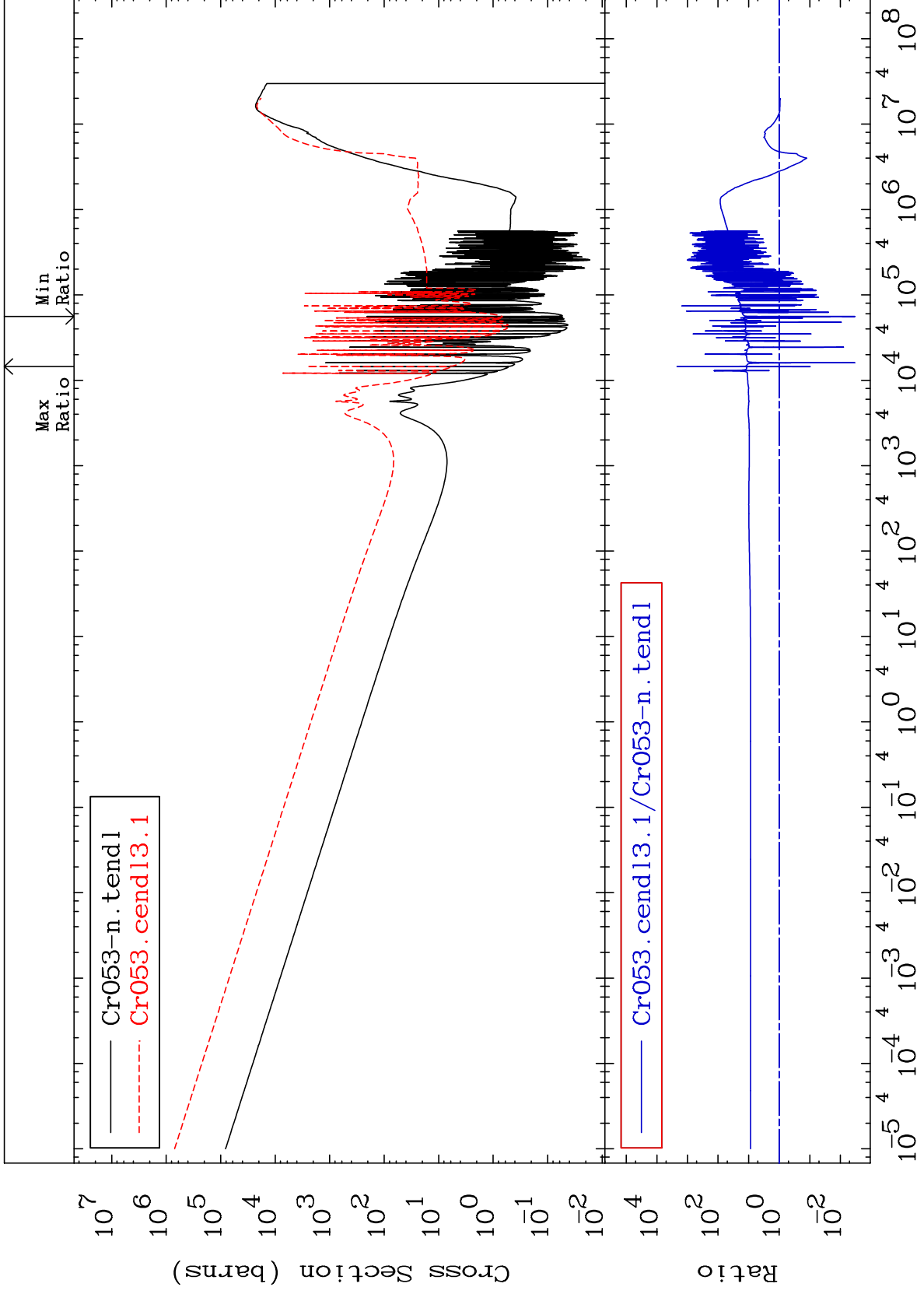




MAT 2434

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-53
-99.67 To 9999. %



37

Incident Energy (eV)

24-Cr-53