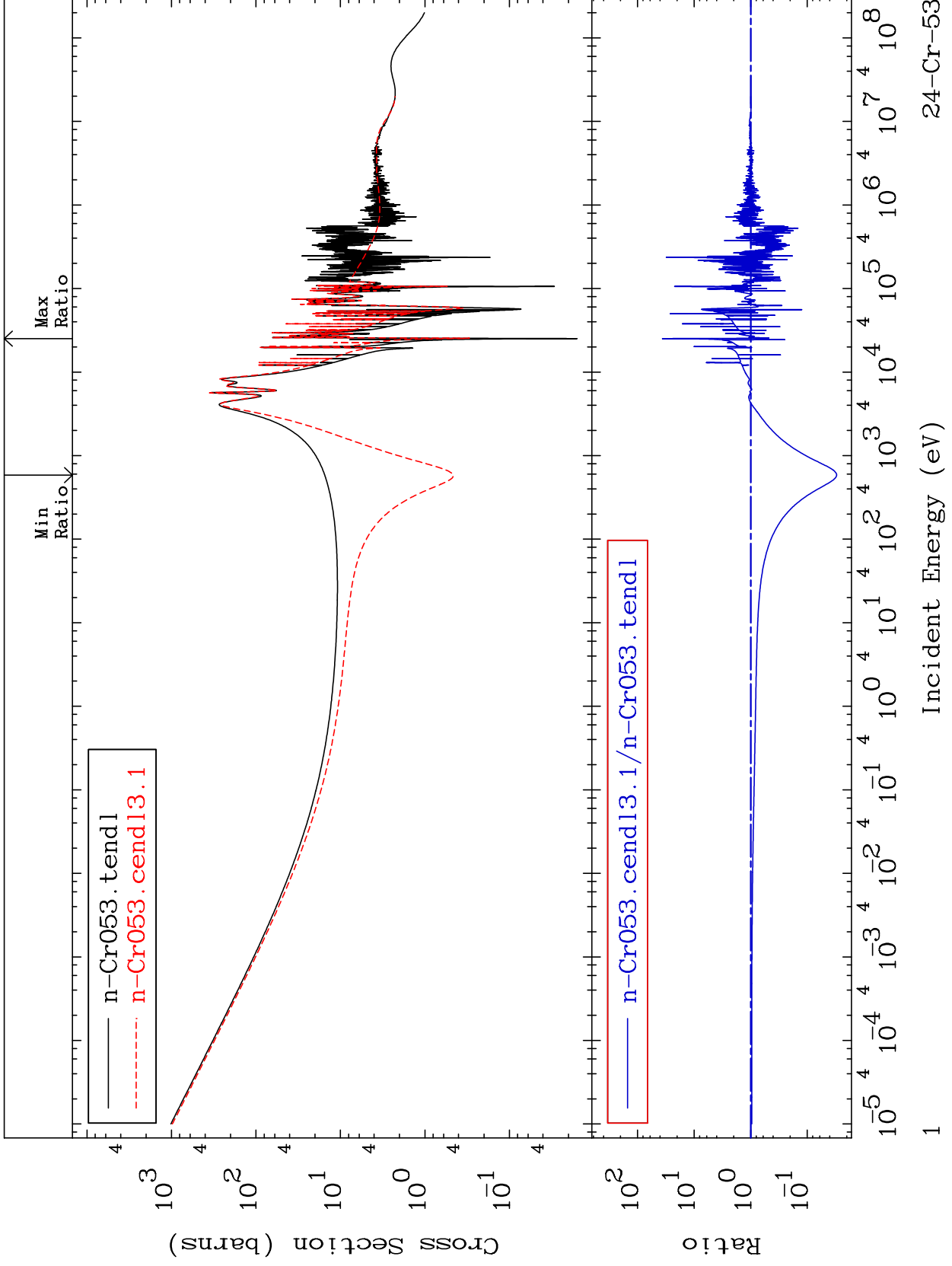


MAT 2434

Total
Cross Section

24-Cr-53
-96.98 To 3551. %

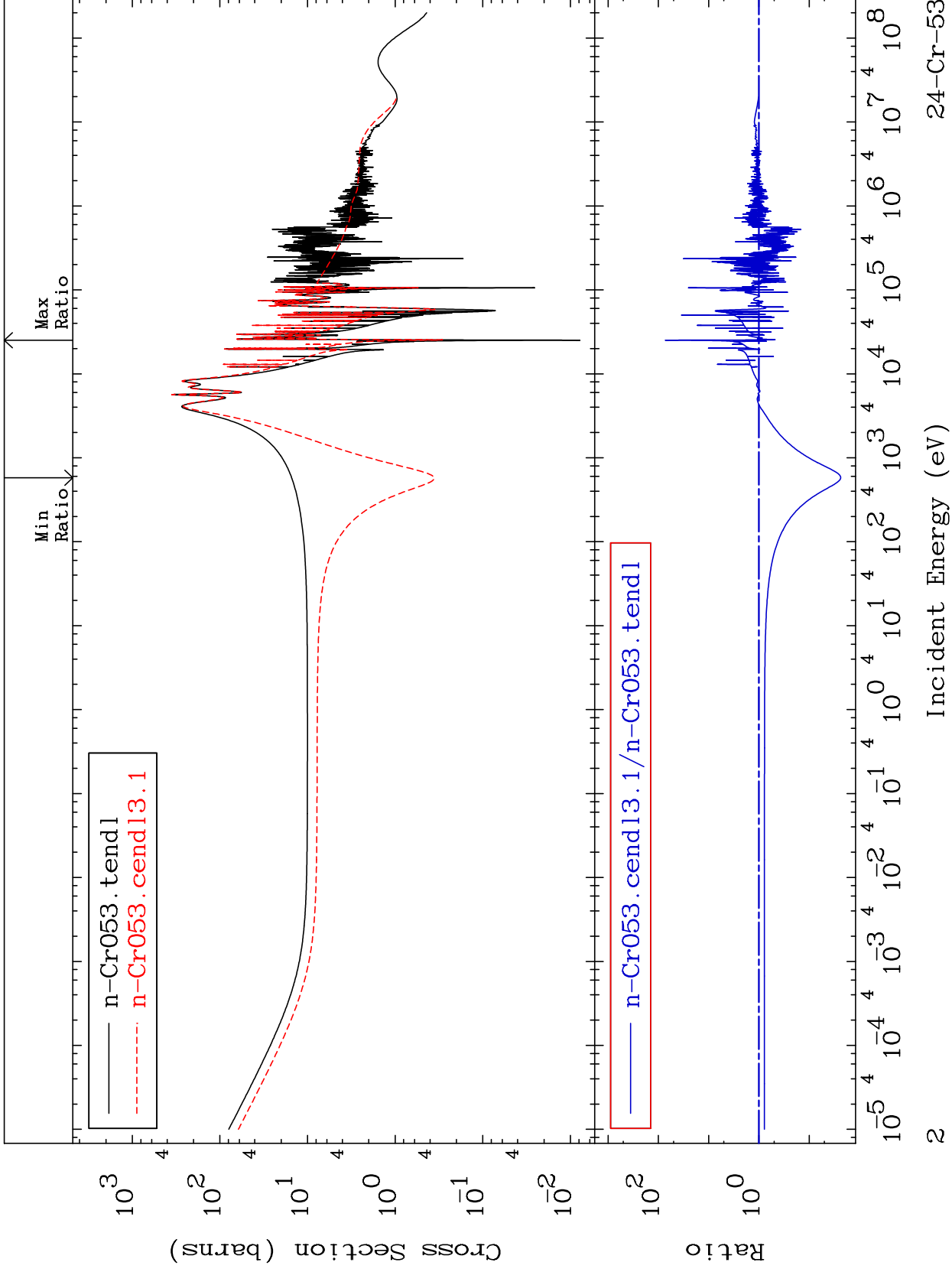


24-Cr-53

MAT 2434

Elastic
Cross Section

24-Cr-53
-97.63 To 7122. %



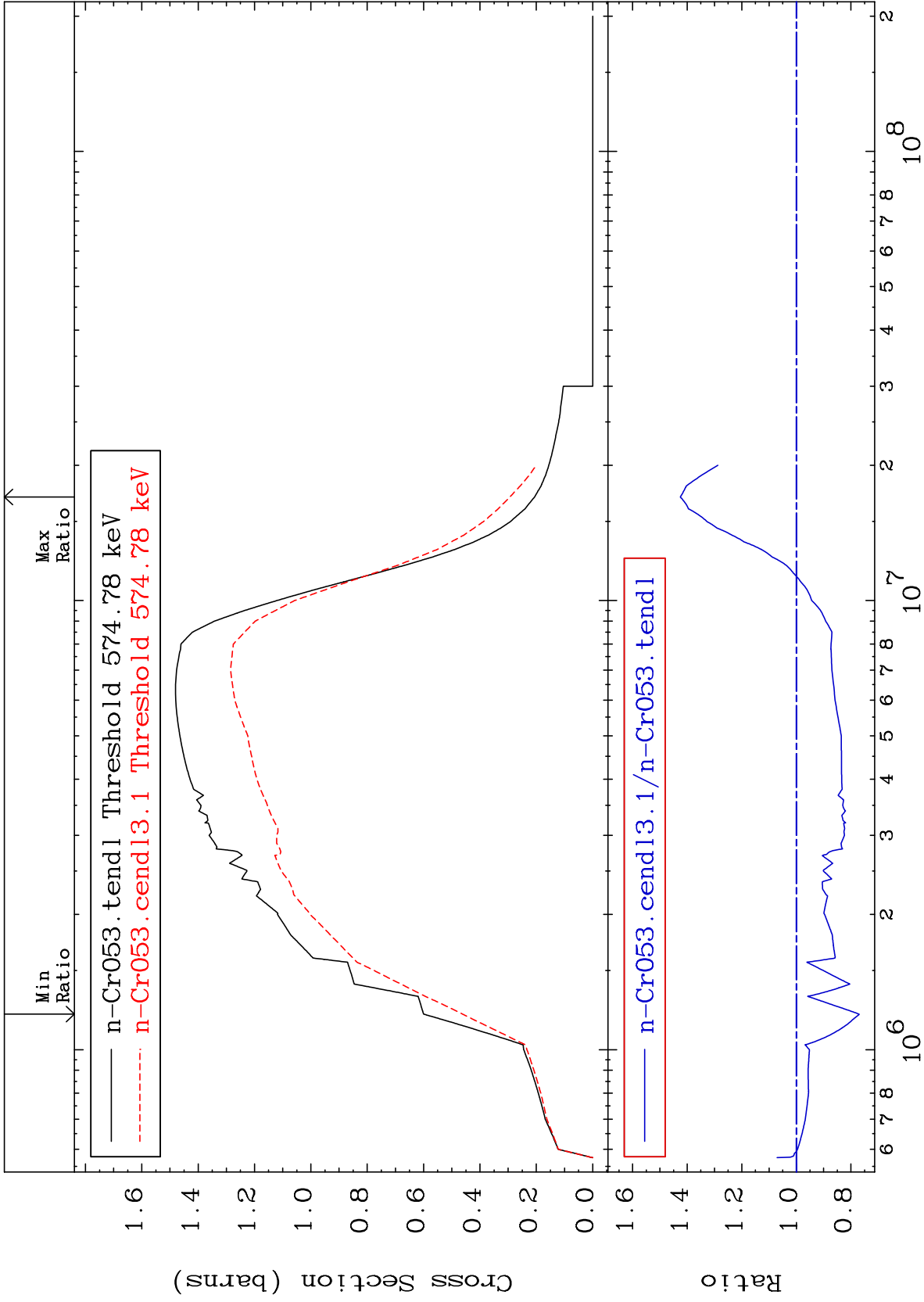
24-Cr-53

MAT 2434

²⁴Cr-53

-23.11 To 42.51 %

Inelastic
Cross Section



3

Incident Energy (eV)

²⁴Cr-53

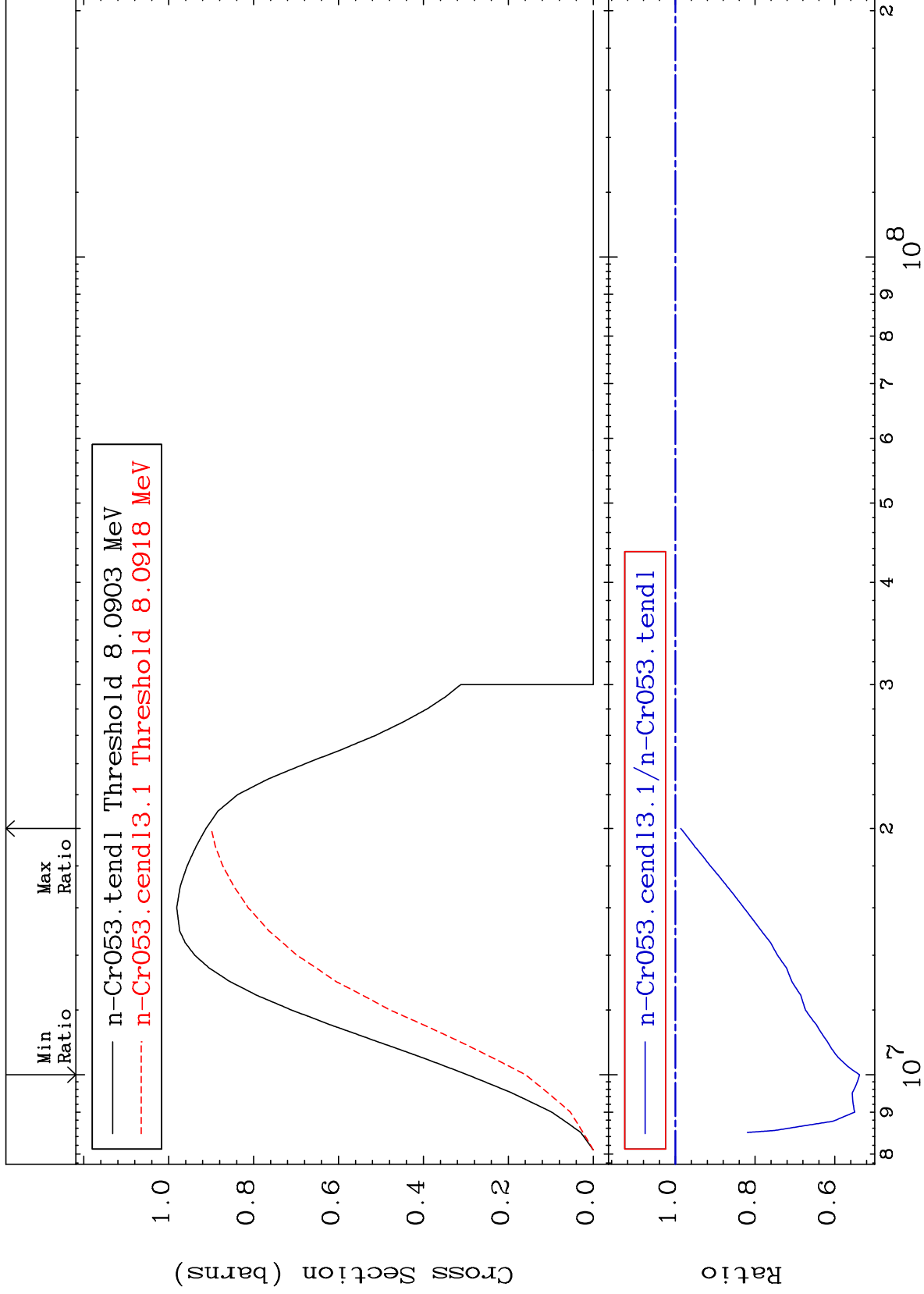
MAT 2434

(n,2n)

²⁴Cr-53

Cross Section

-46.20 To -1.344%



Incident Energy (eV)

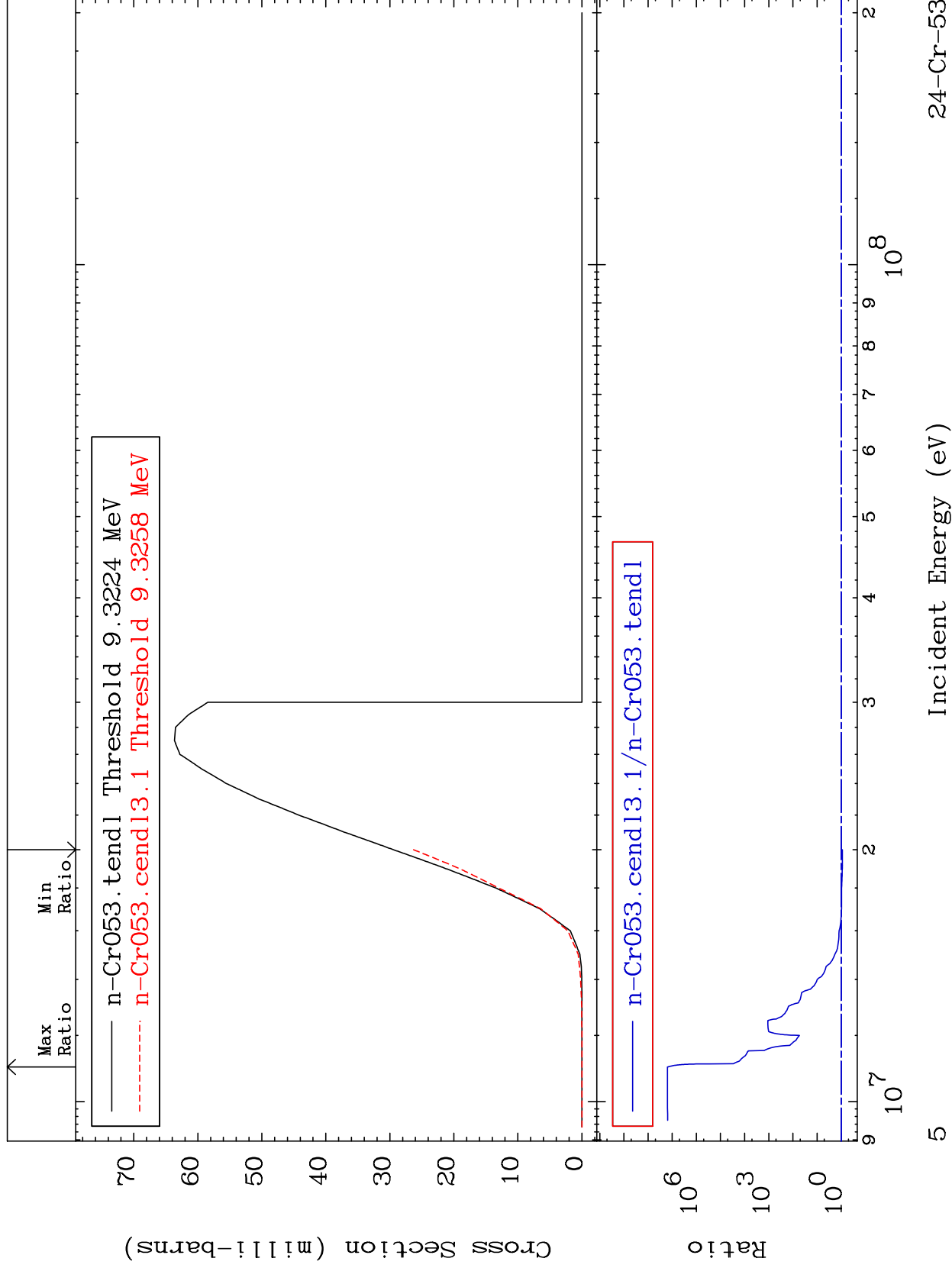
²⁴Cr-53

4

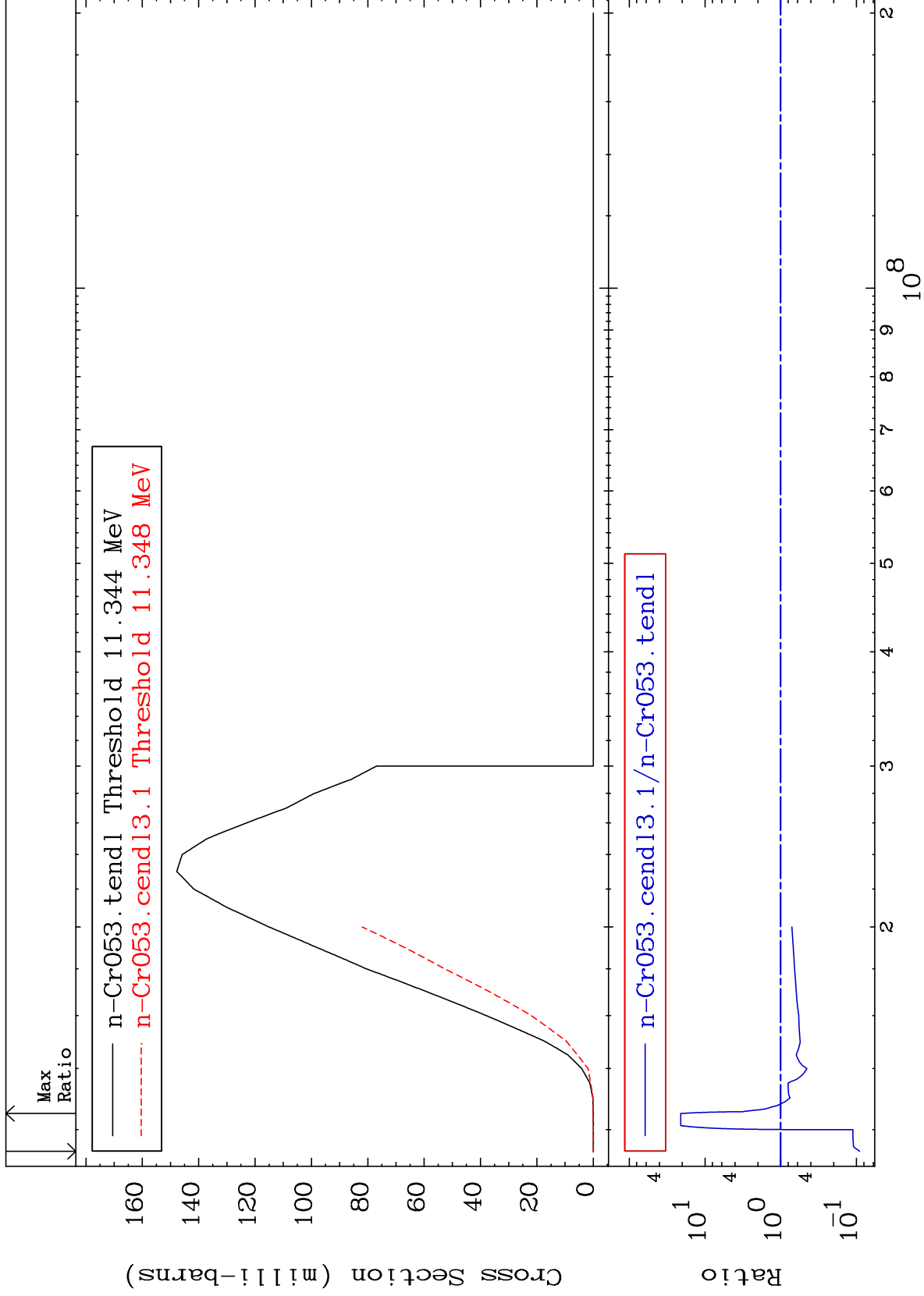
MAT 2434

(n,n') α
Cross Section

24-Cr-53
-10.65 To 9999. %



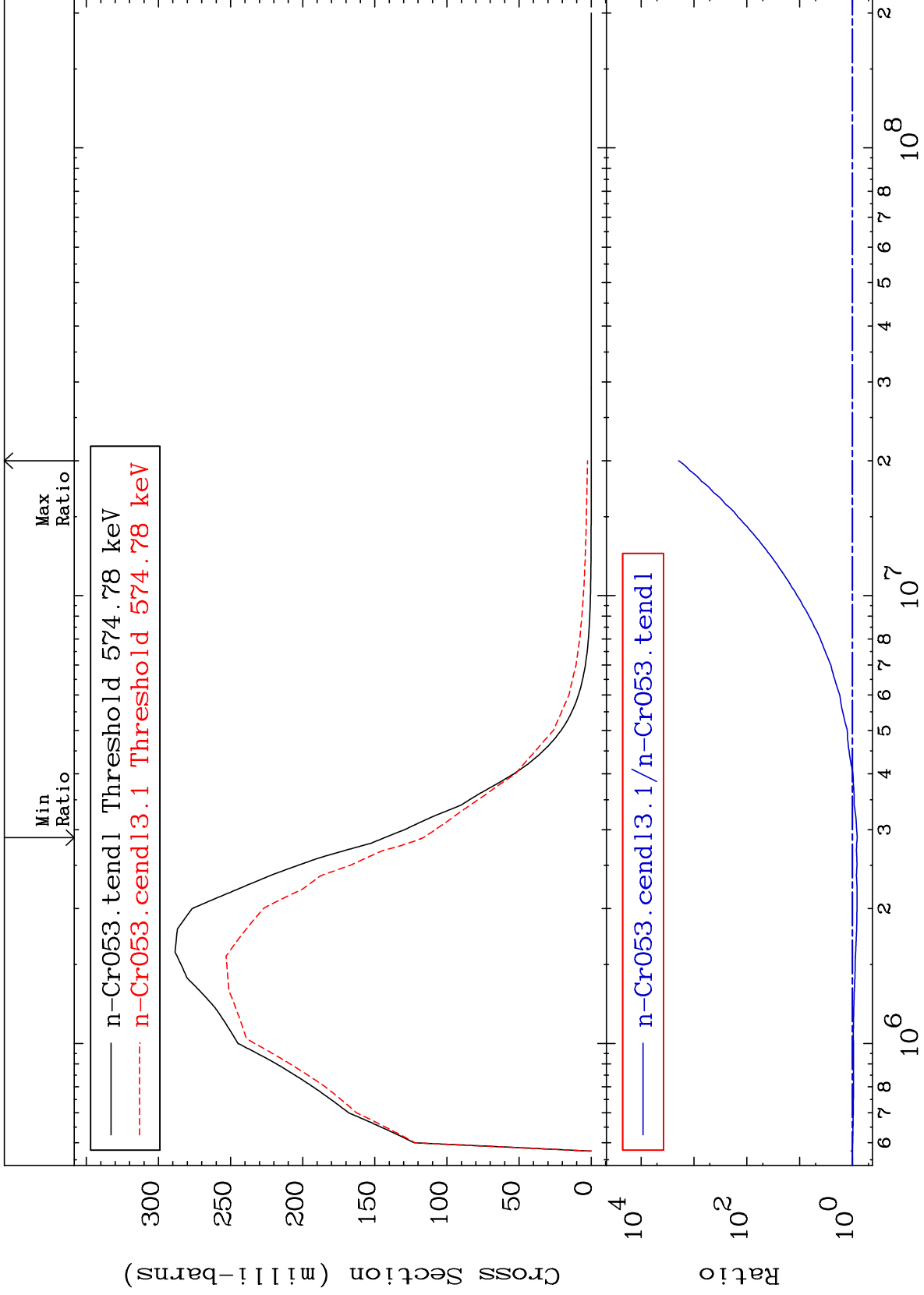
24-Cr-53



MAT 2434

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

24-Cr-53
-18.76 To 9999. %



7

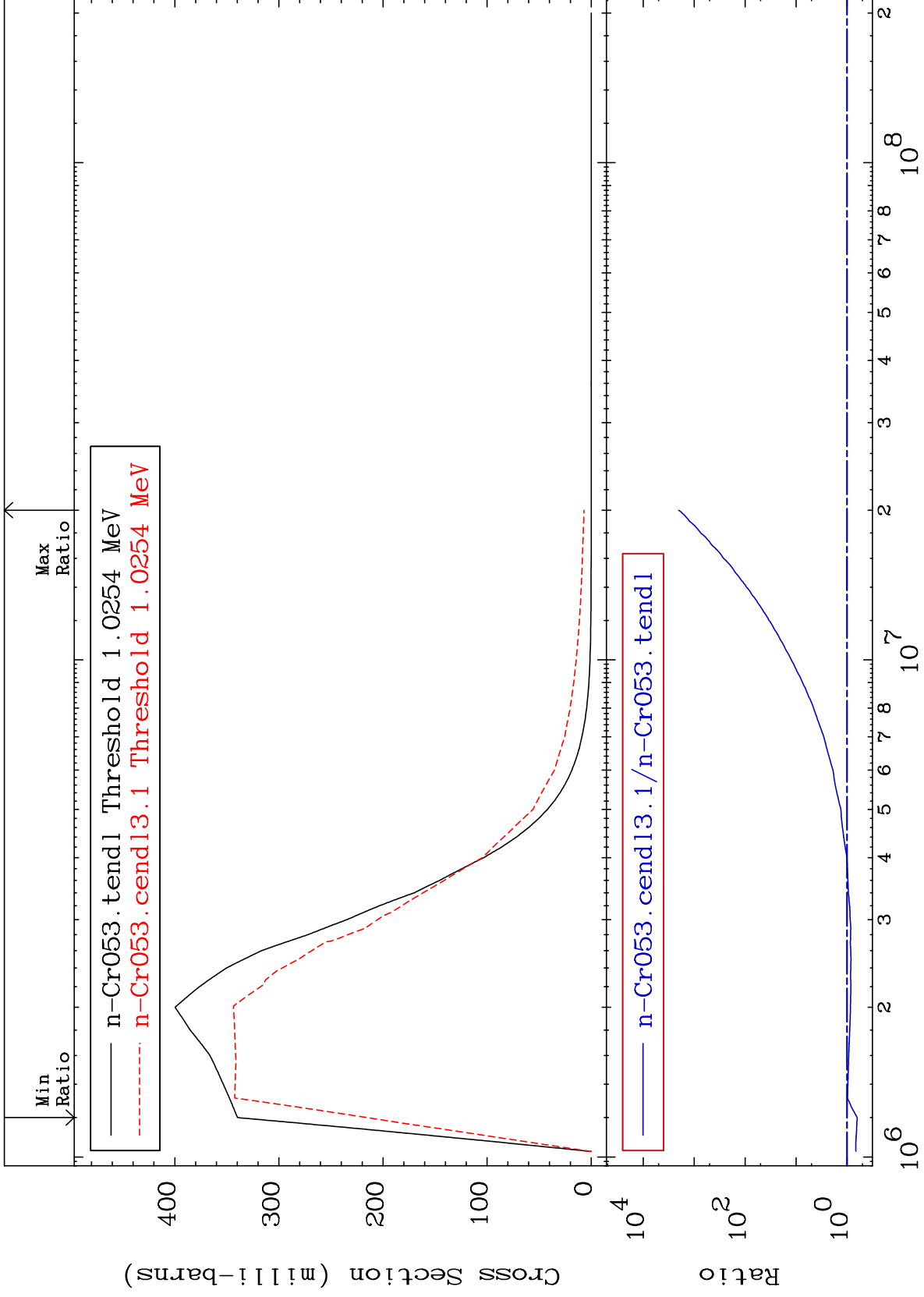
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-36.66 To 9999. %



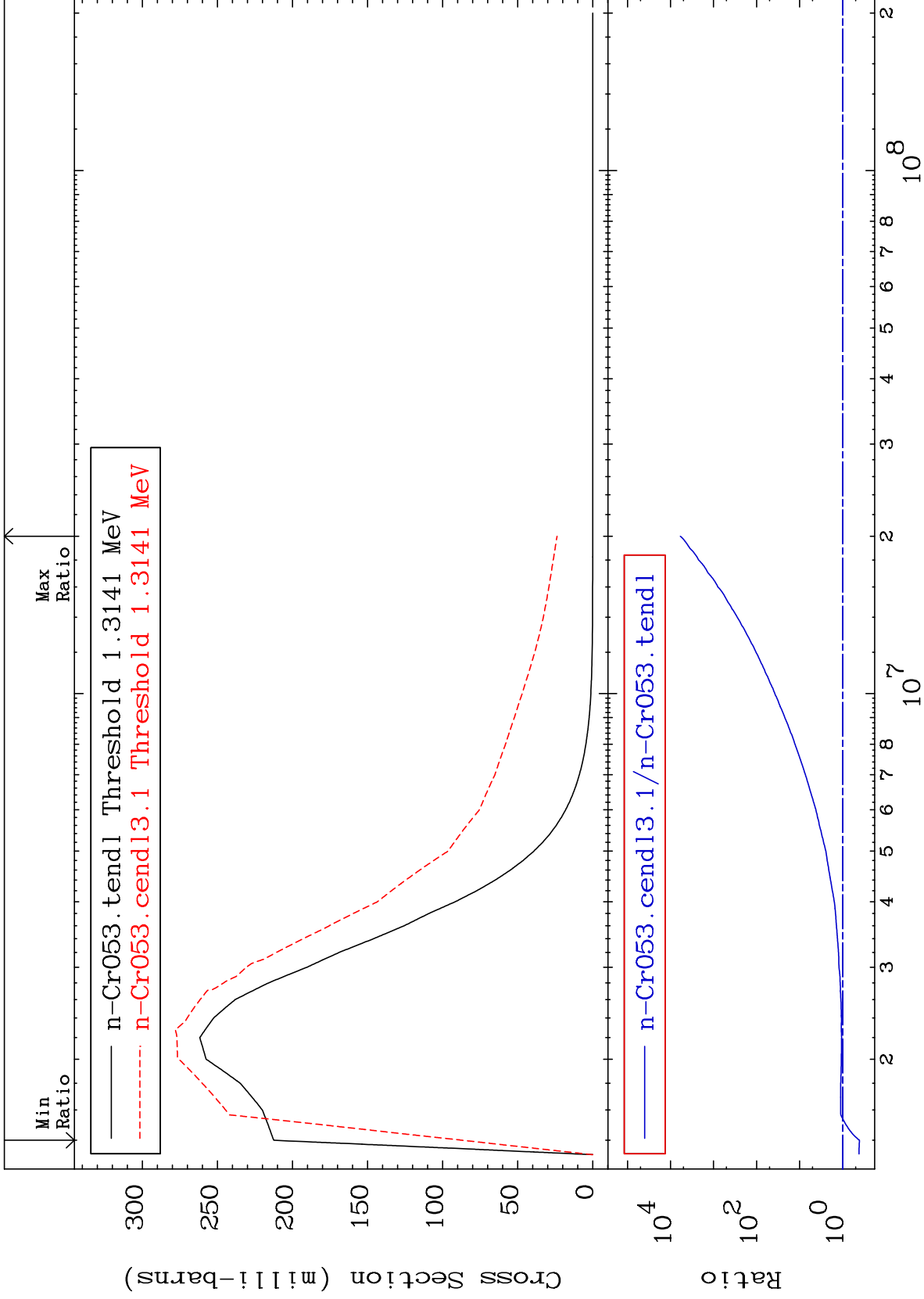
Incident Energy (eV)

24-Cr-53

MAT 2434

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

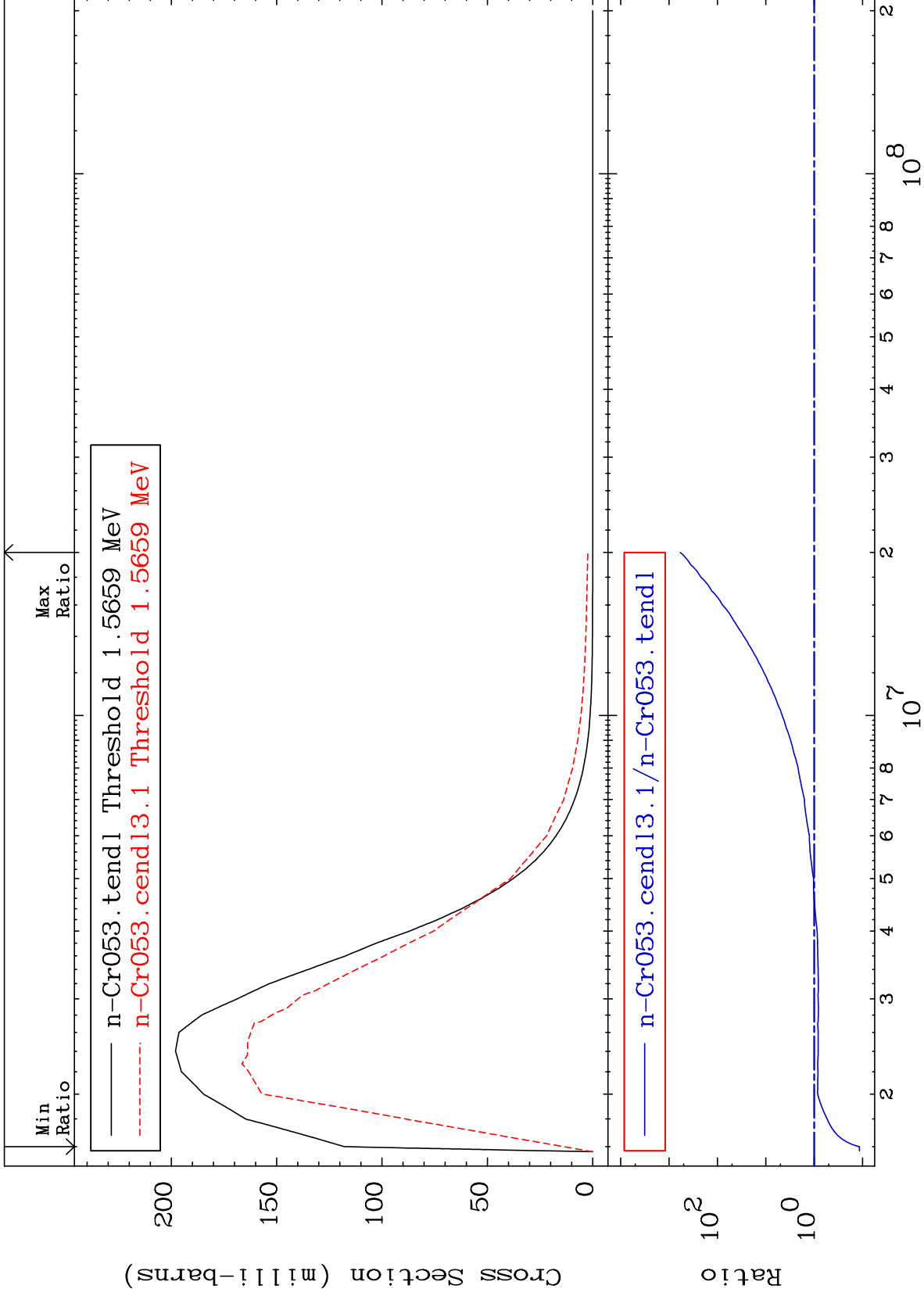
24-Cr-53
-59.24 To 9999. %



MAT 2434

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

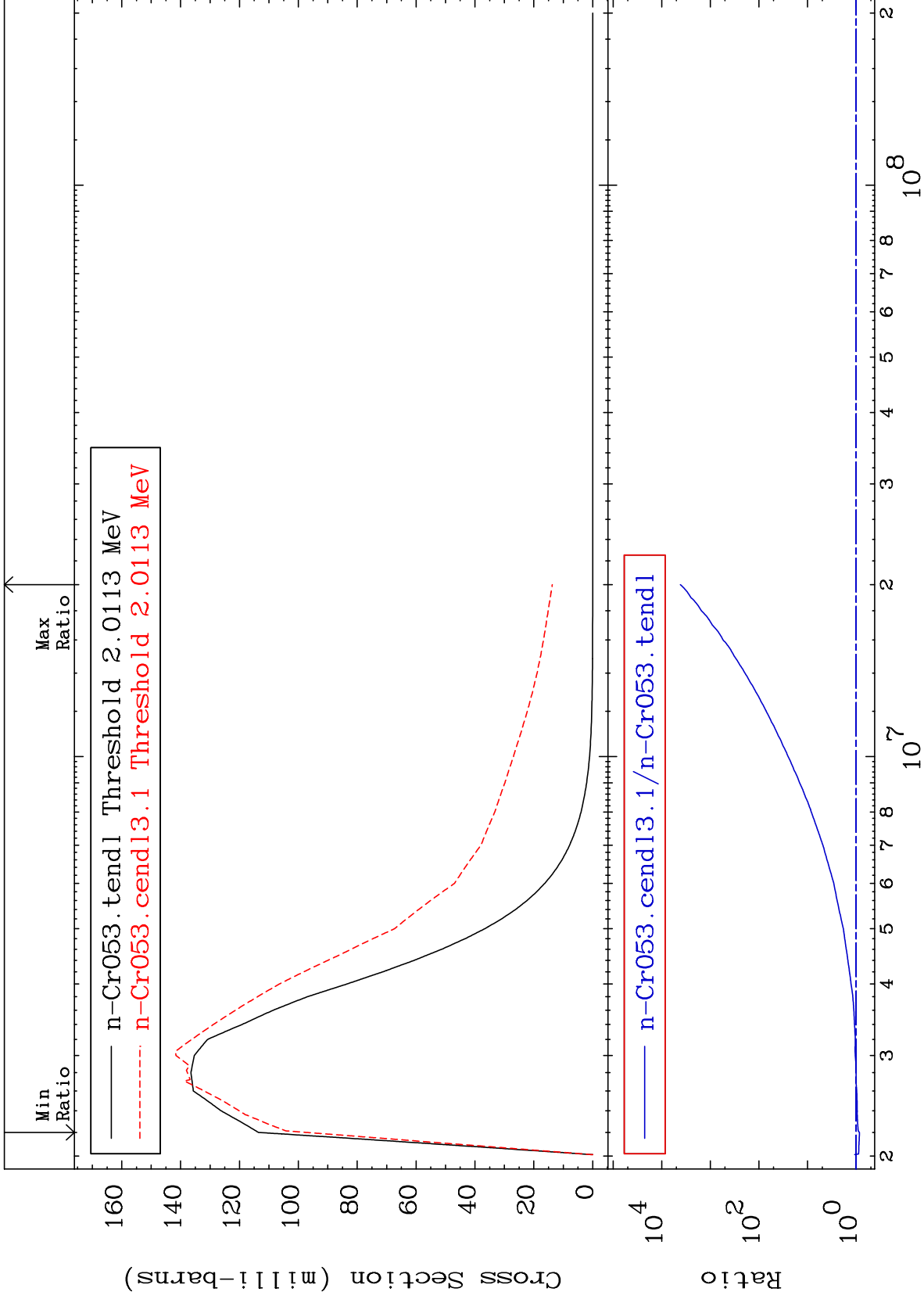
24-Cr-53
-88.42 To 9999. %



10

Incident Energy (eV)

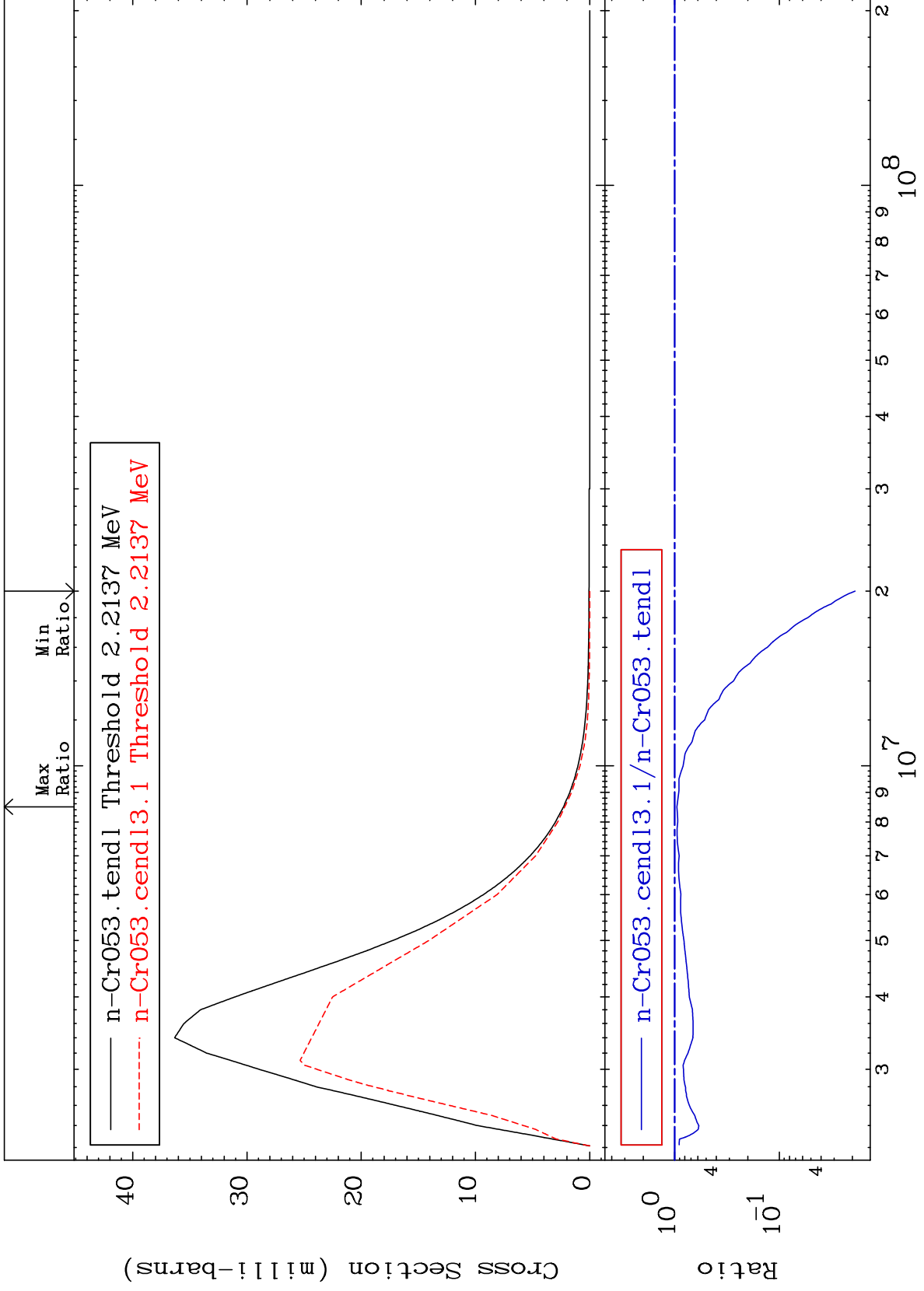
24-Cr-53



MAT 2434

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

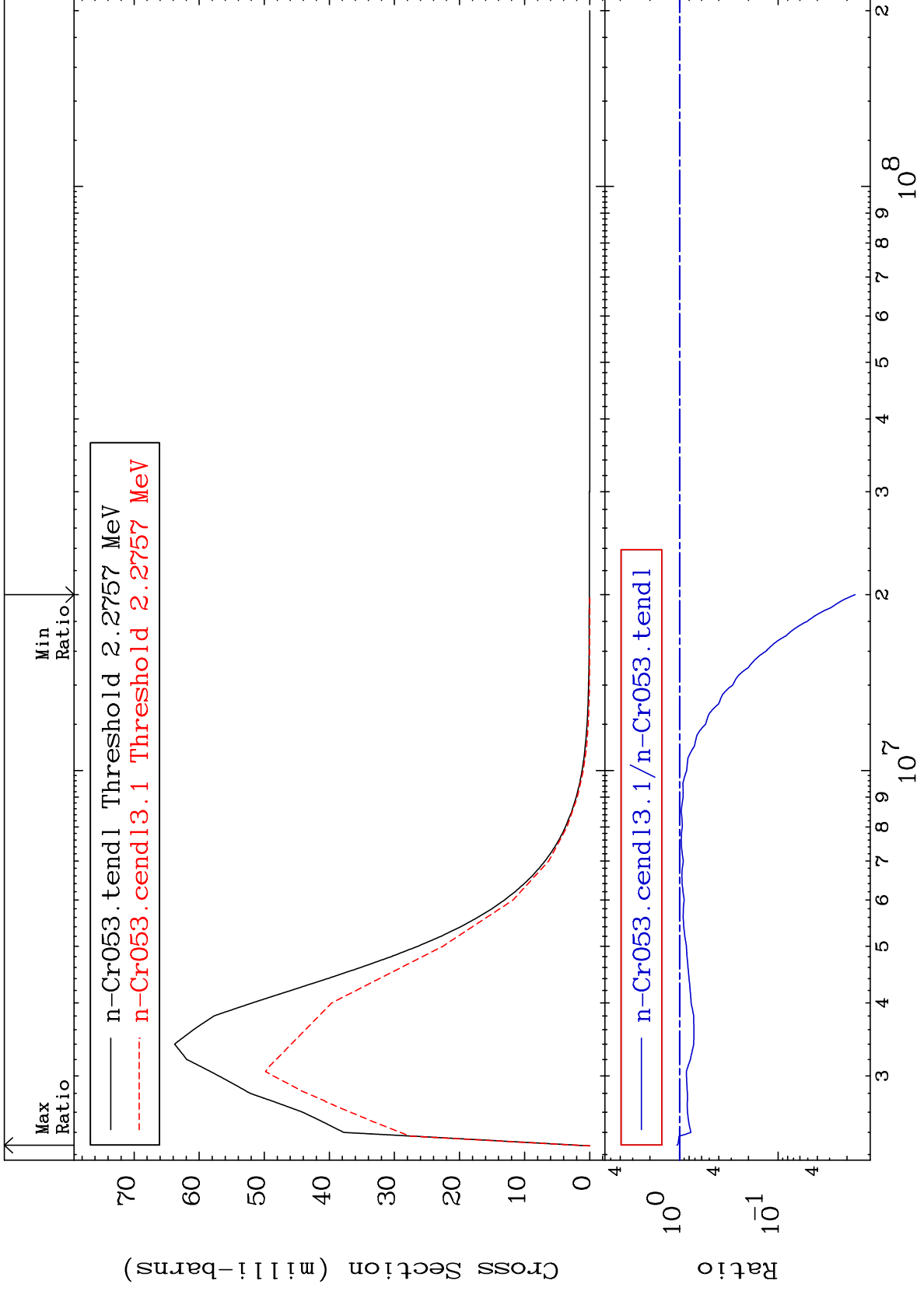
24-Cr-53
-98.11 To -4.777%



MAT 2434

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

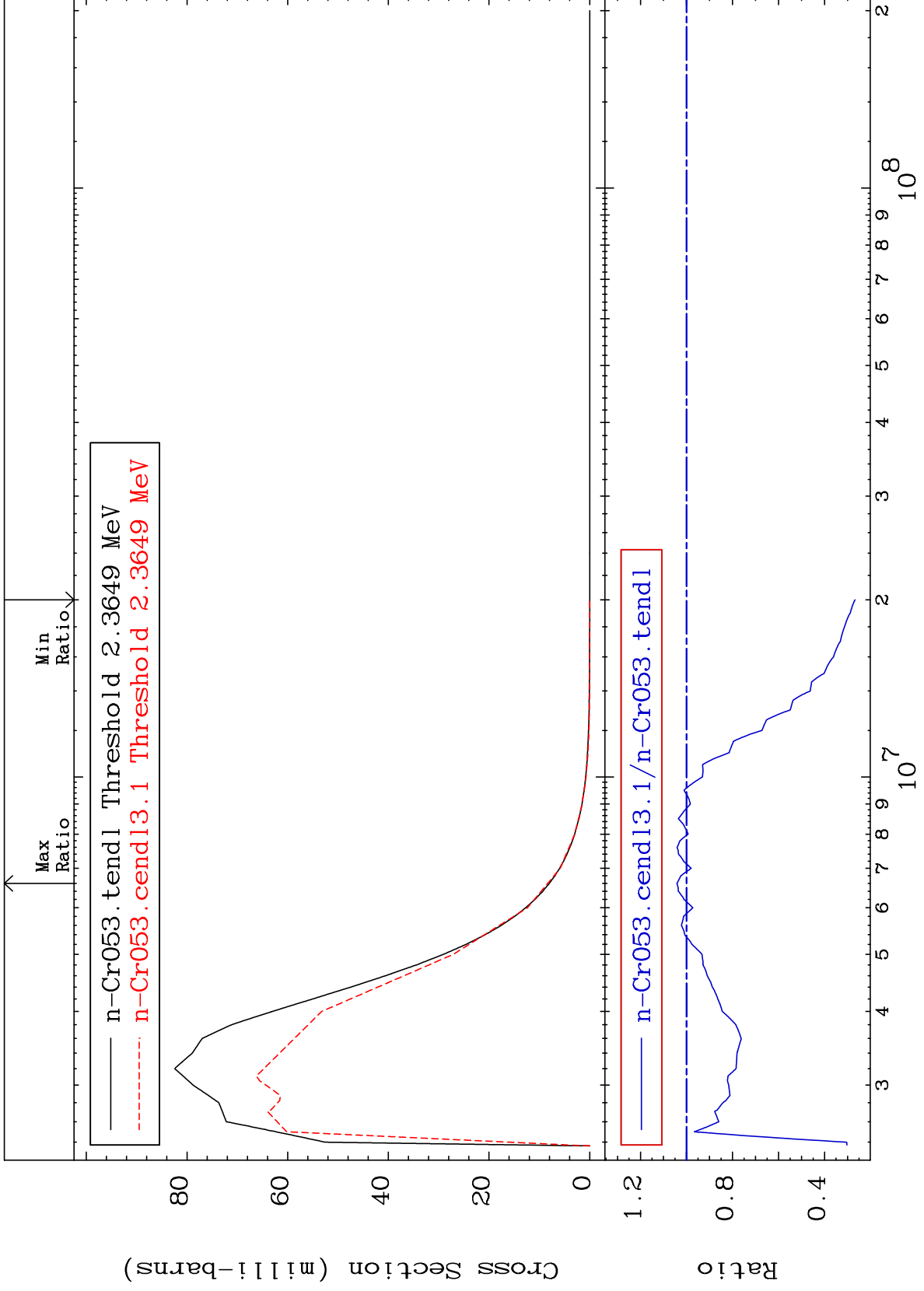
24-Cr-53
-98.35 To 6.546 %



MAT 2434

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

24-Cr-53
-73.25 To 4.165 %



14

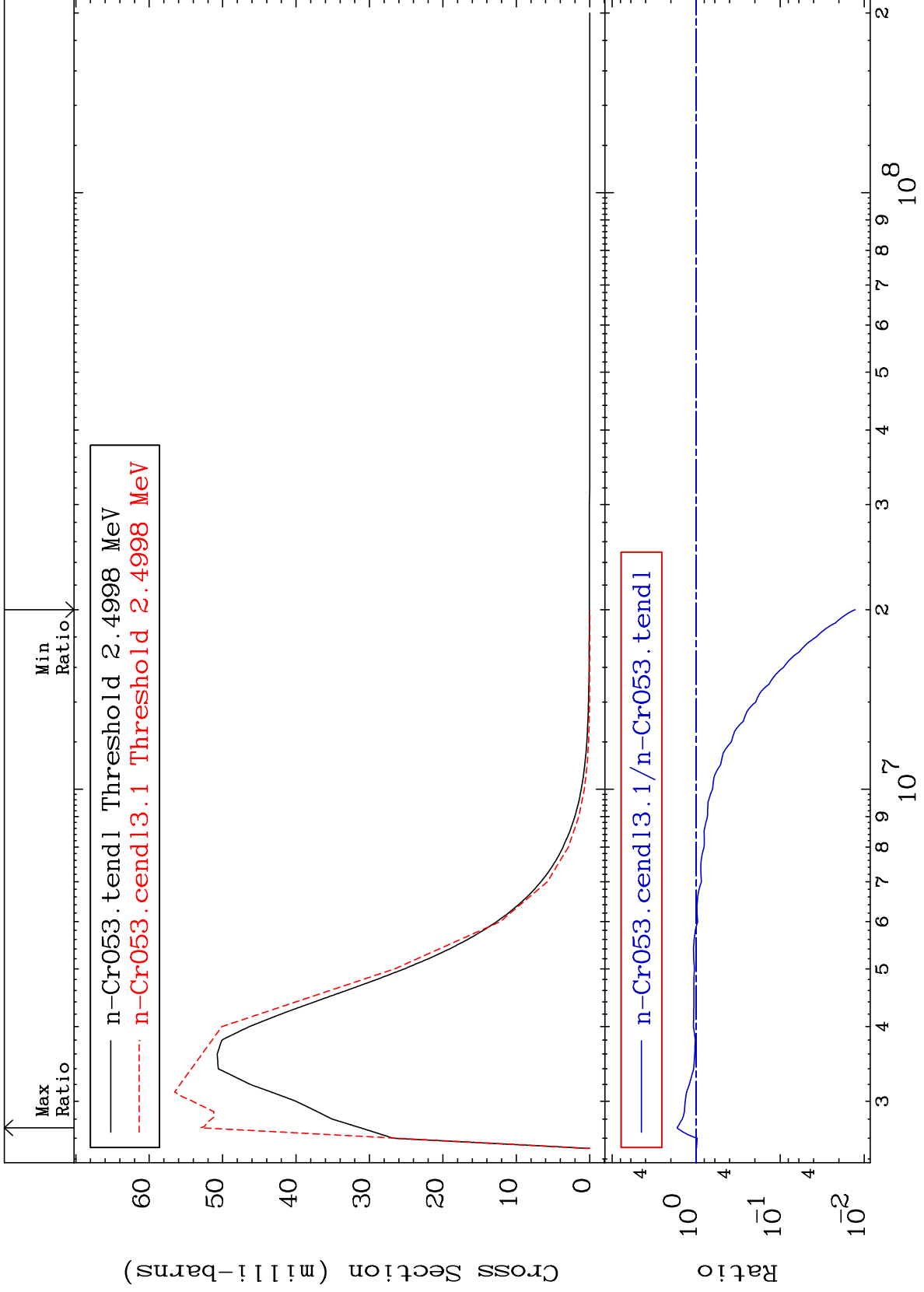
Incident Energy (eV)

24-Cr-53

MAT 2434

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

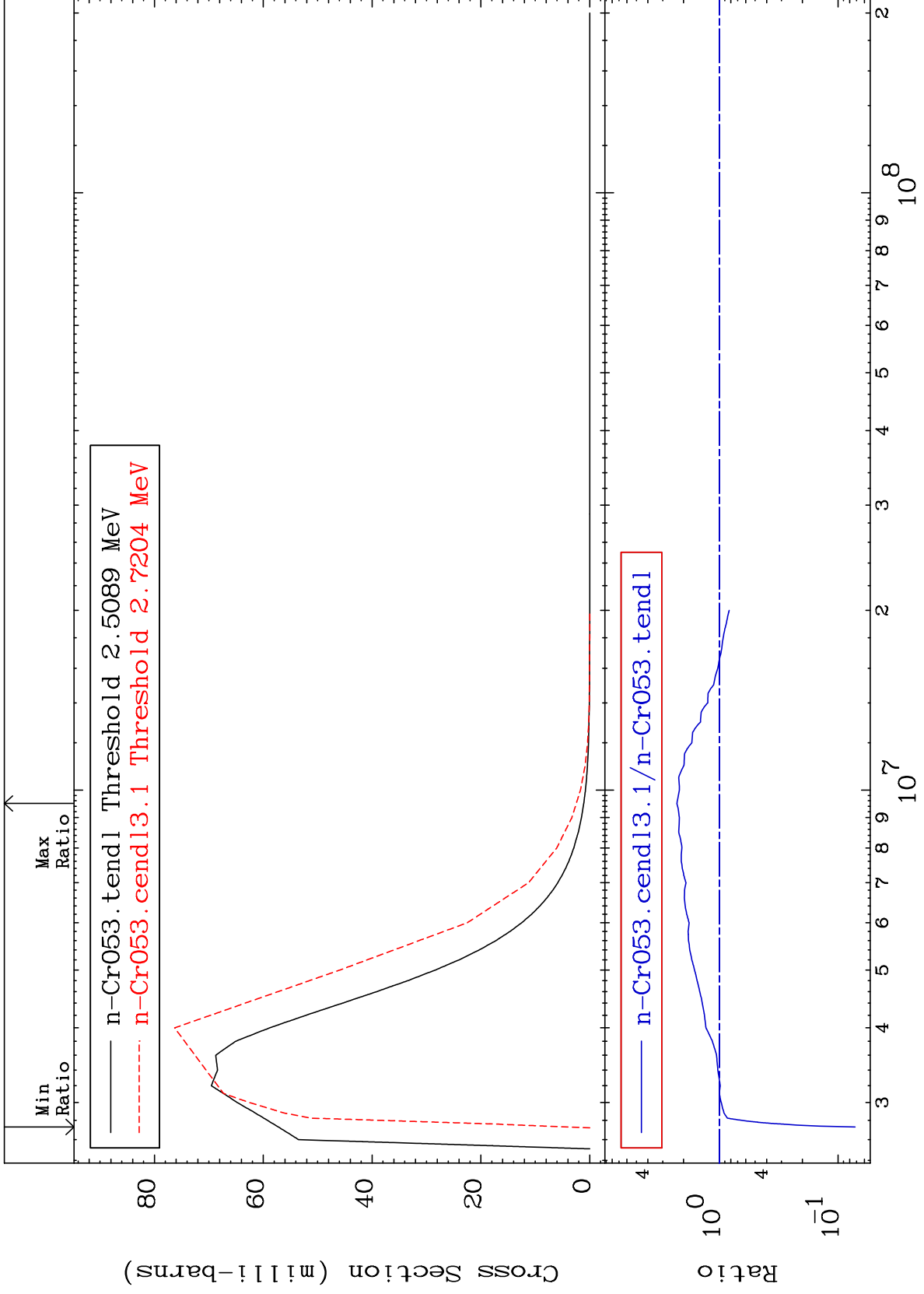
24-Cr-53
-98.72 To 69.62 %



MAT 2434

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

24-Cr-53
-92.81 To 127.7 %



16

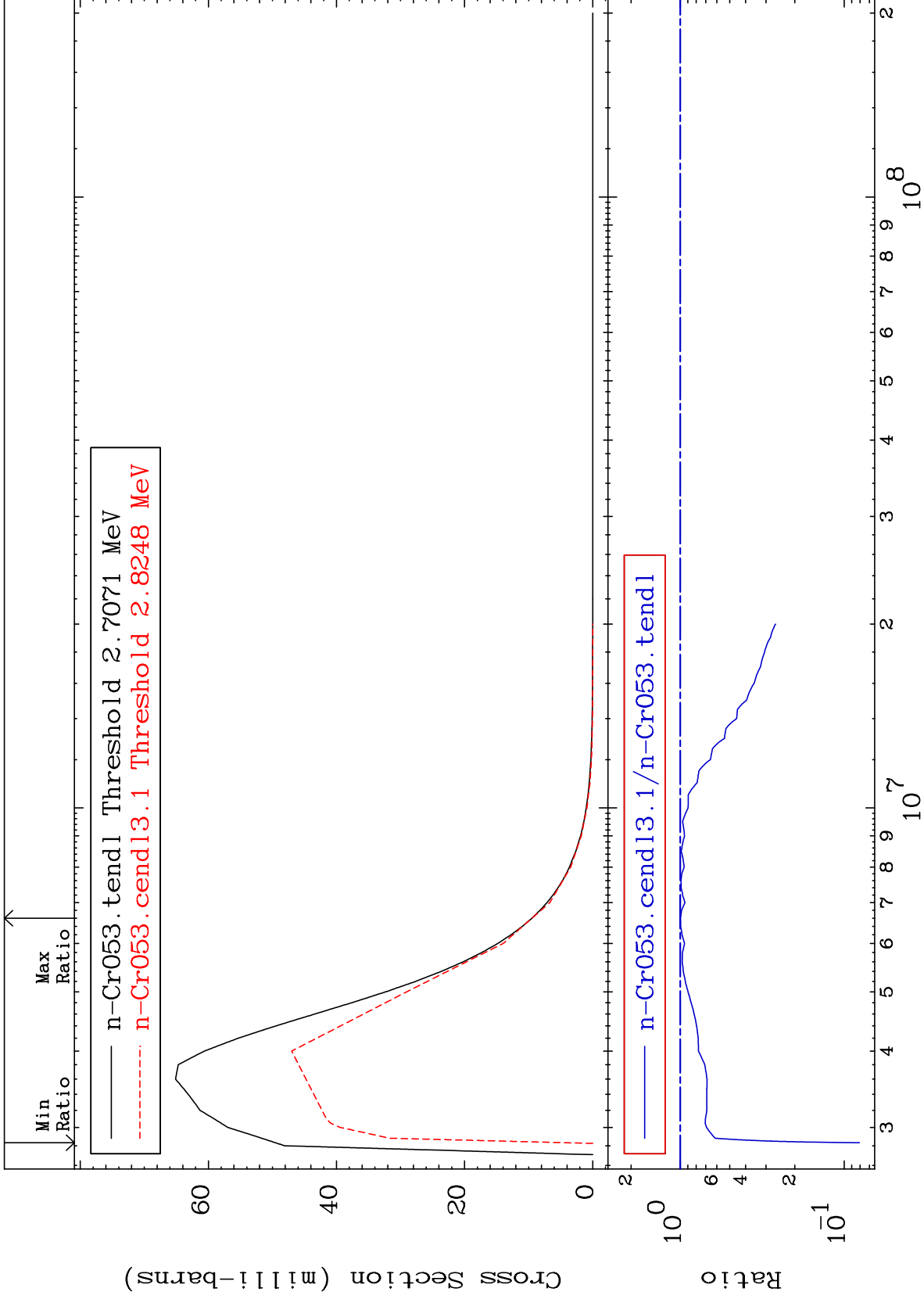
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-91.93 To 0.018 %



17

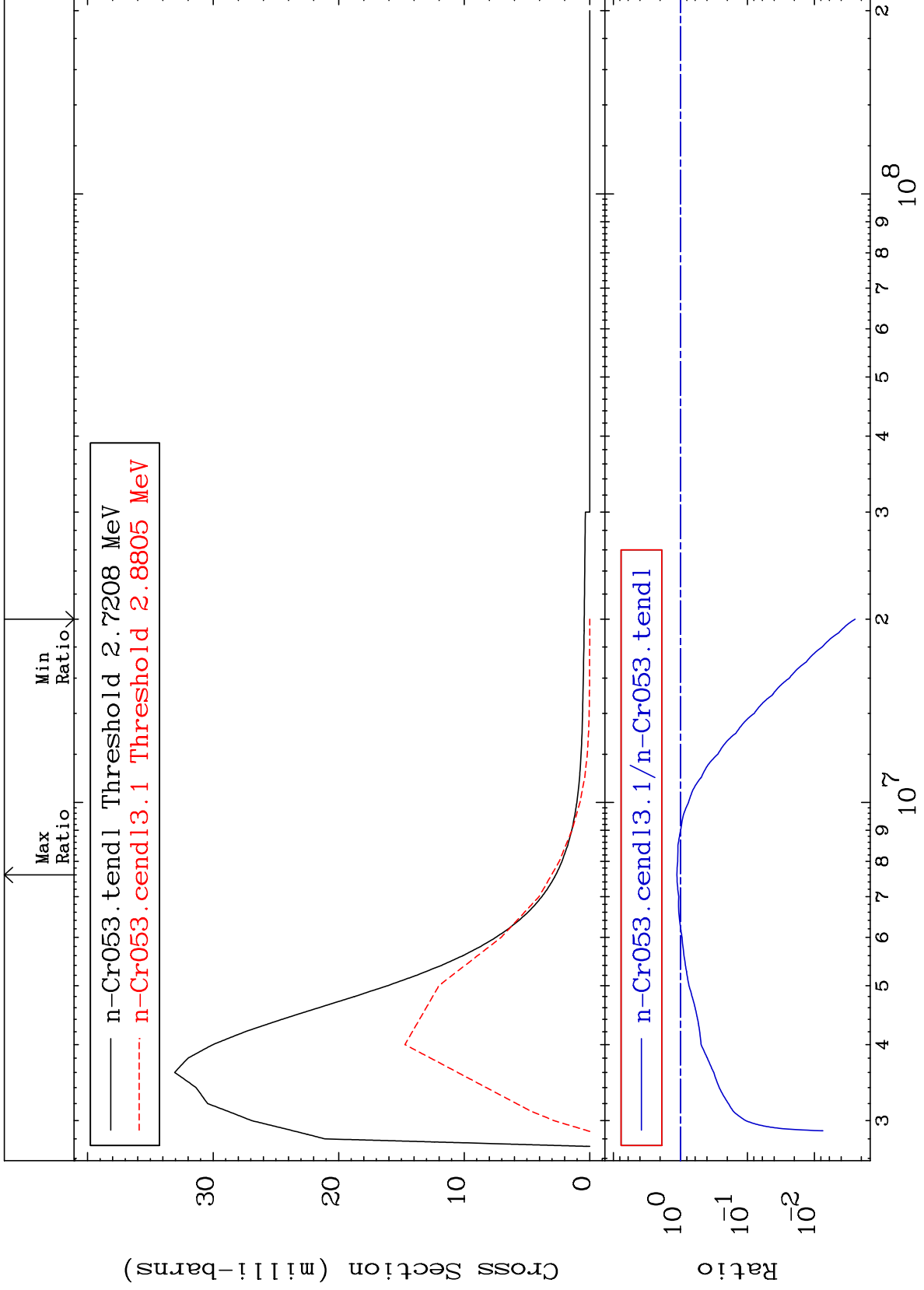
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-99.75 To 12.51 %



18

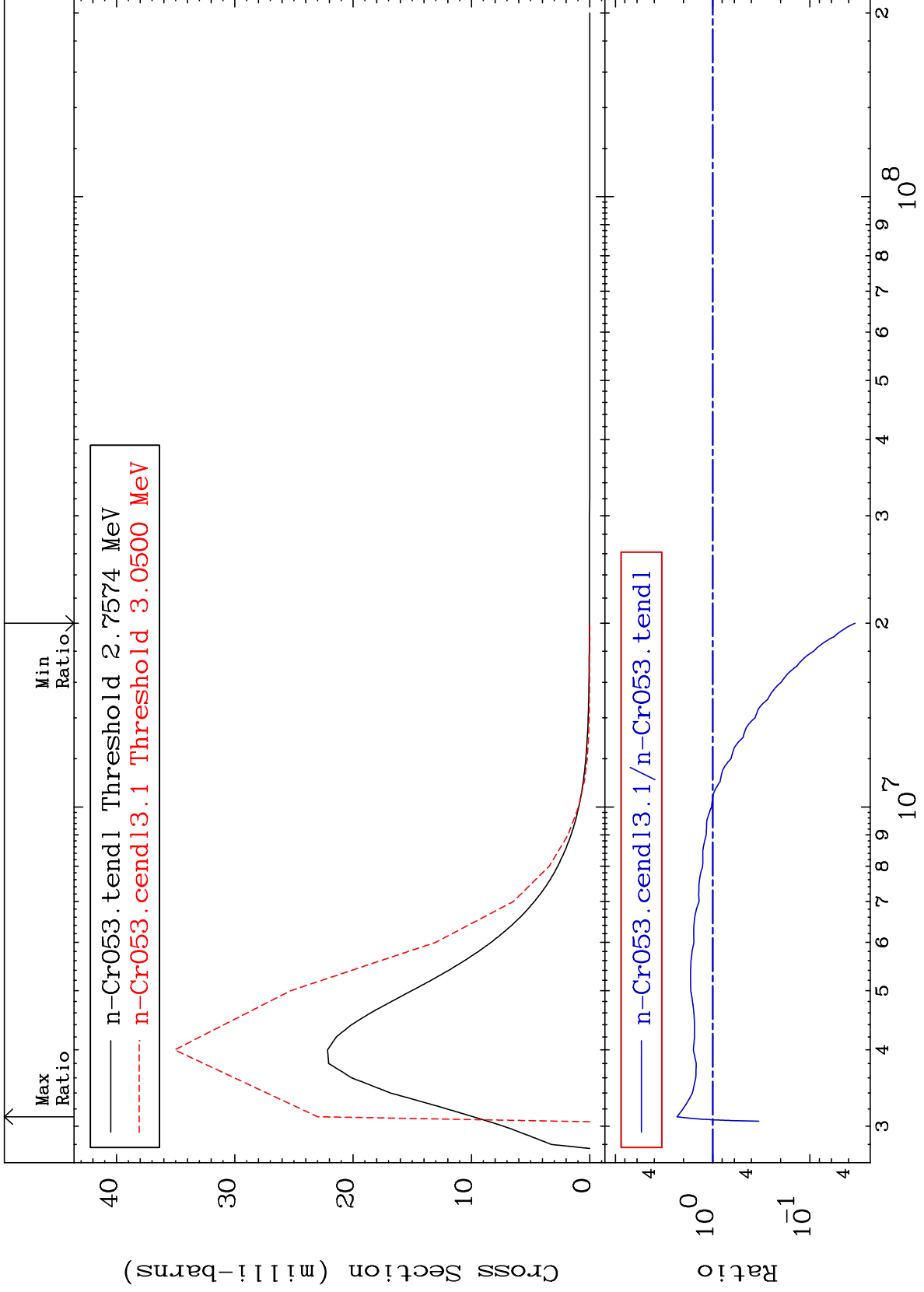
Incident Energy (eV)

24-Cr-53

MAT 2434

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

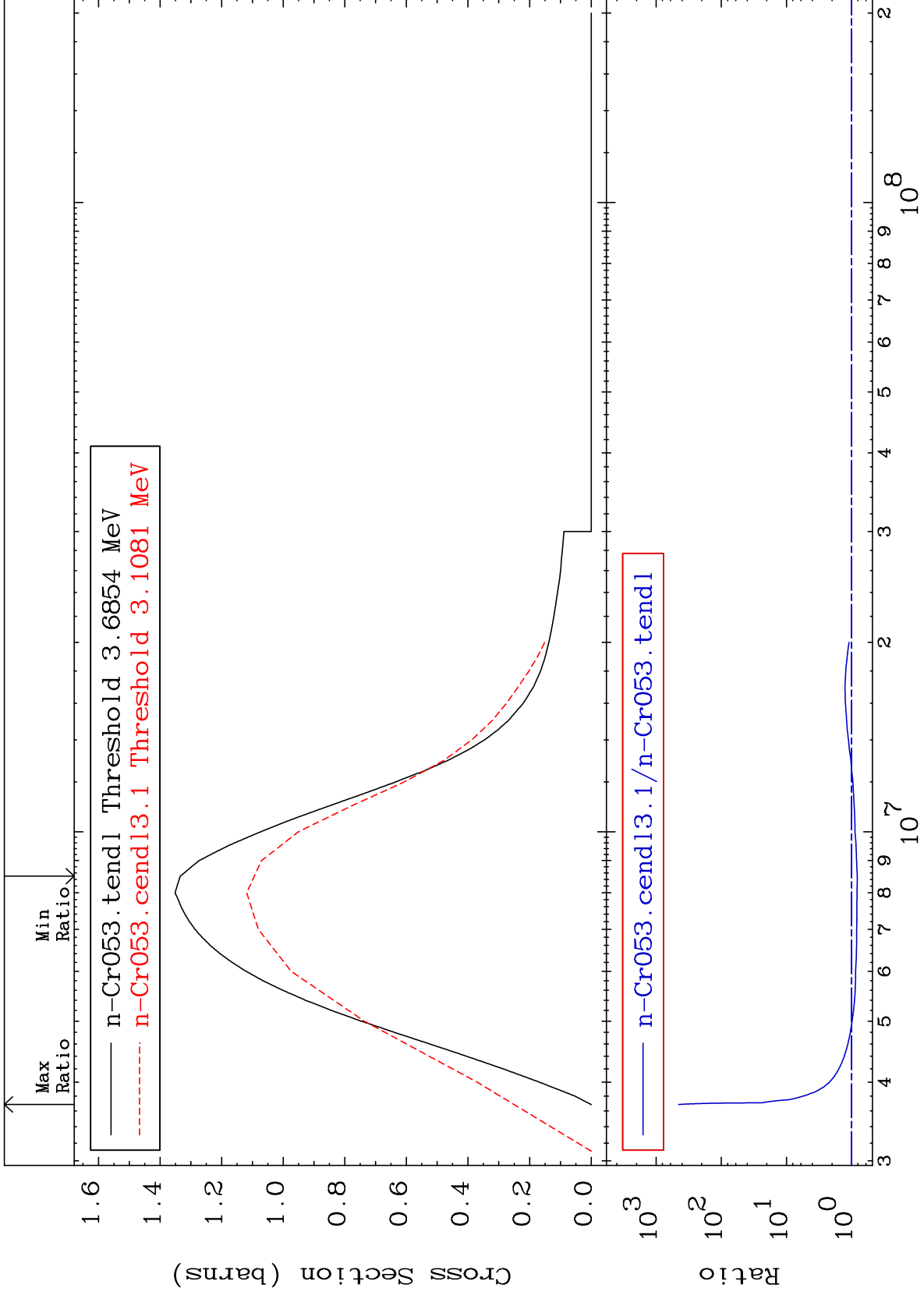
24-Cr-53
-96.57 To 133.4 %



MAT 2434

(n, n') Continuum
Cross Section

24-Cr-53
-18.03 To 9999. %



20

24-Cr-53

24-Cr-53

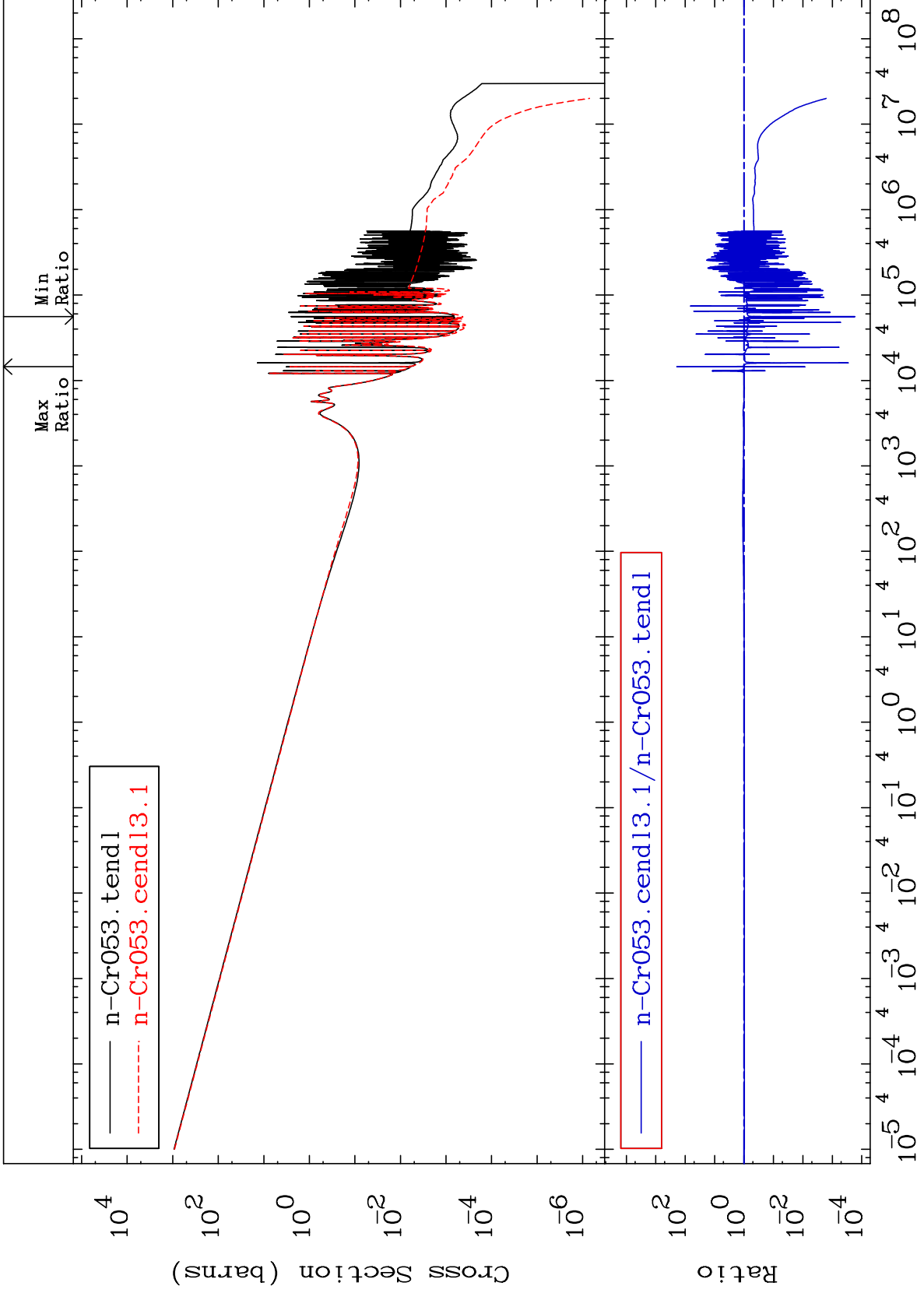
MAT 2434

(n, γ)

24-Cr-53

Cross Section

-99.98 To 9999. %



21

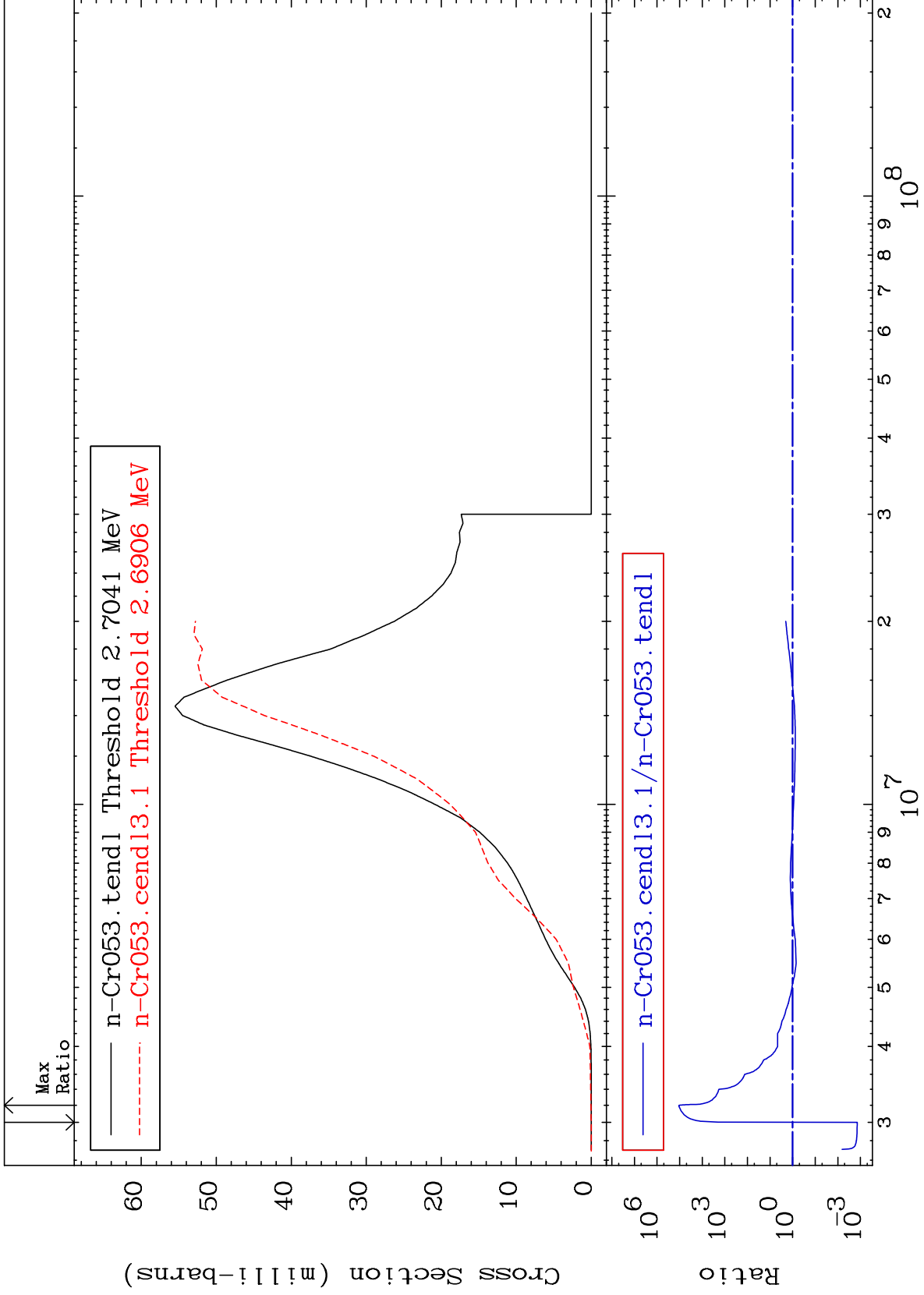
Incident Energy (eV)

24-Cr-53

MAT 2434

(n,p)
Cross Section

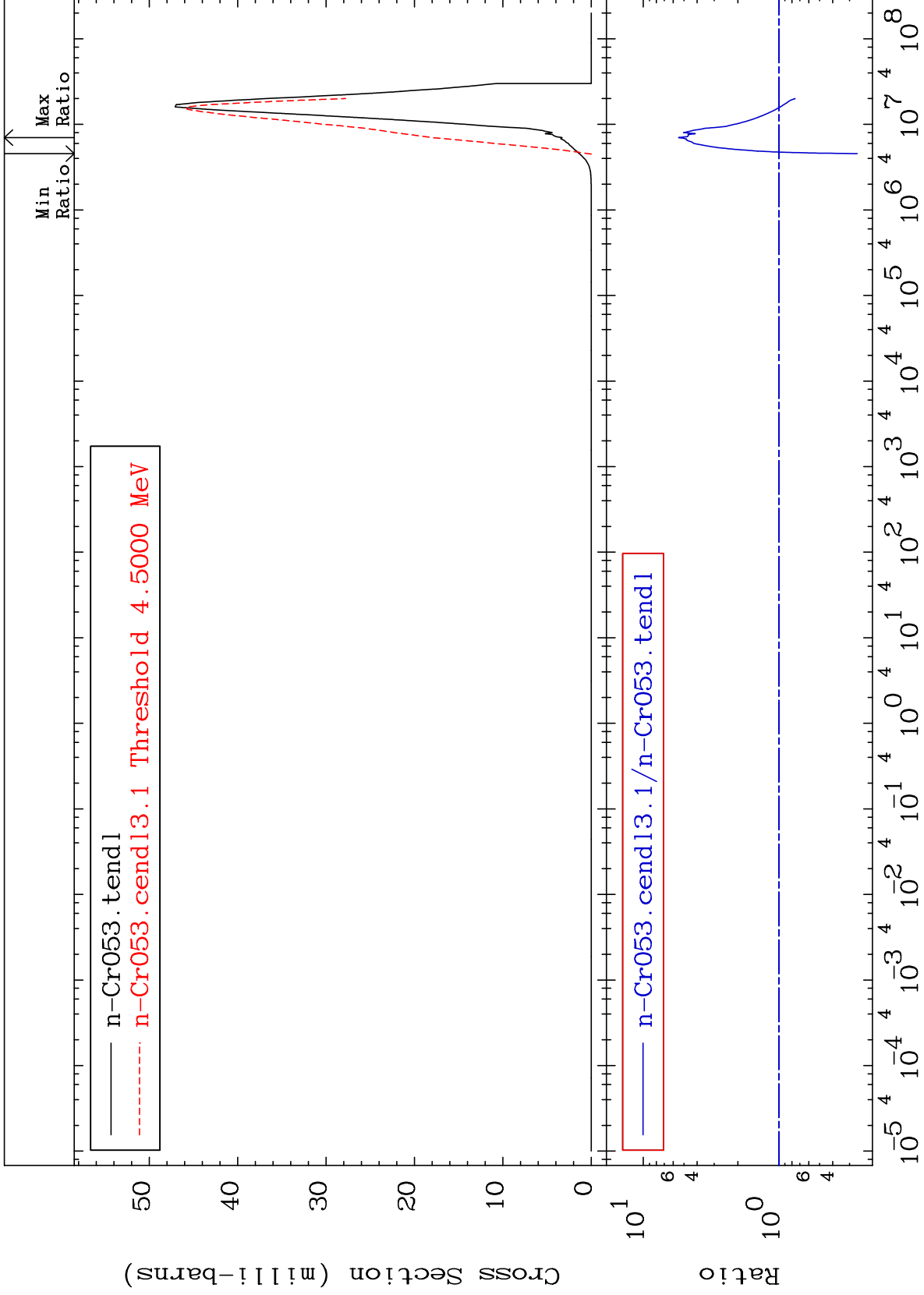
24-Cr-53
-99.86 To 9999. %

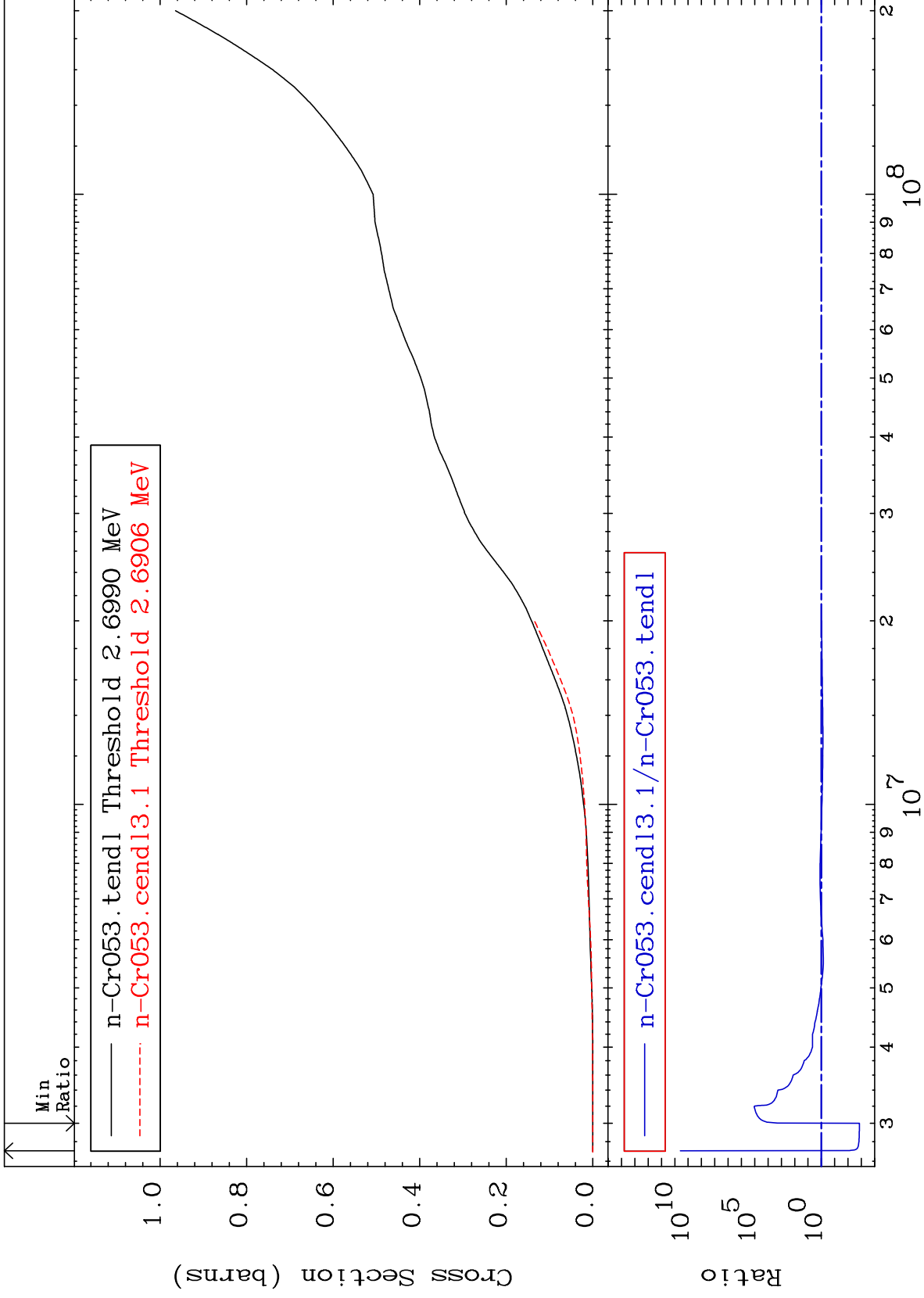


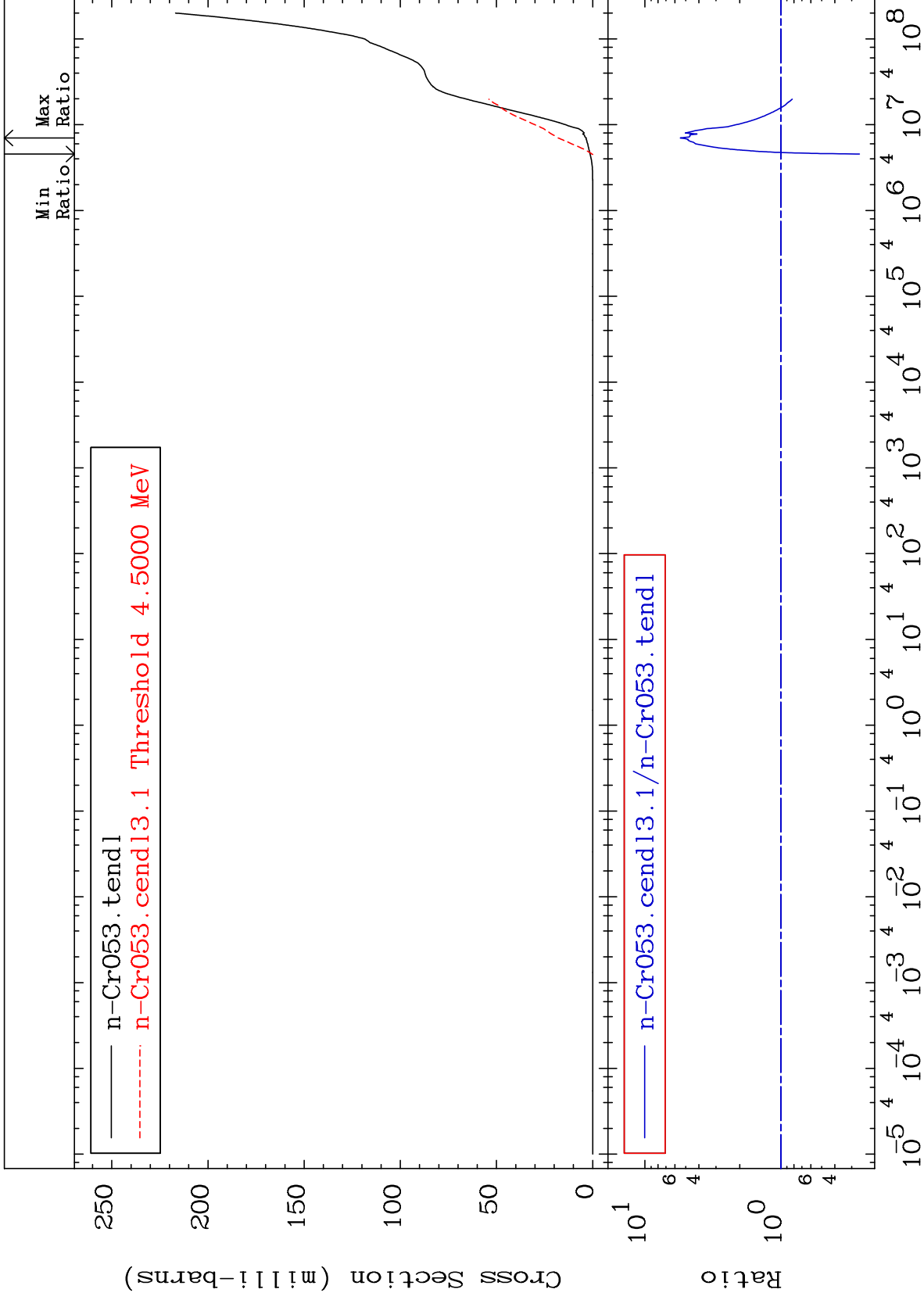
MAT 2434

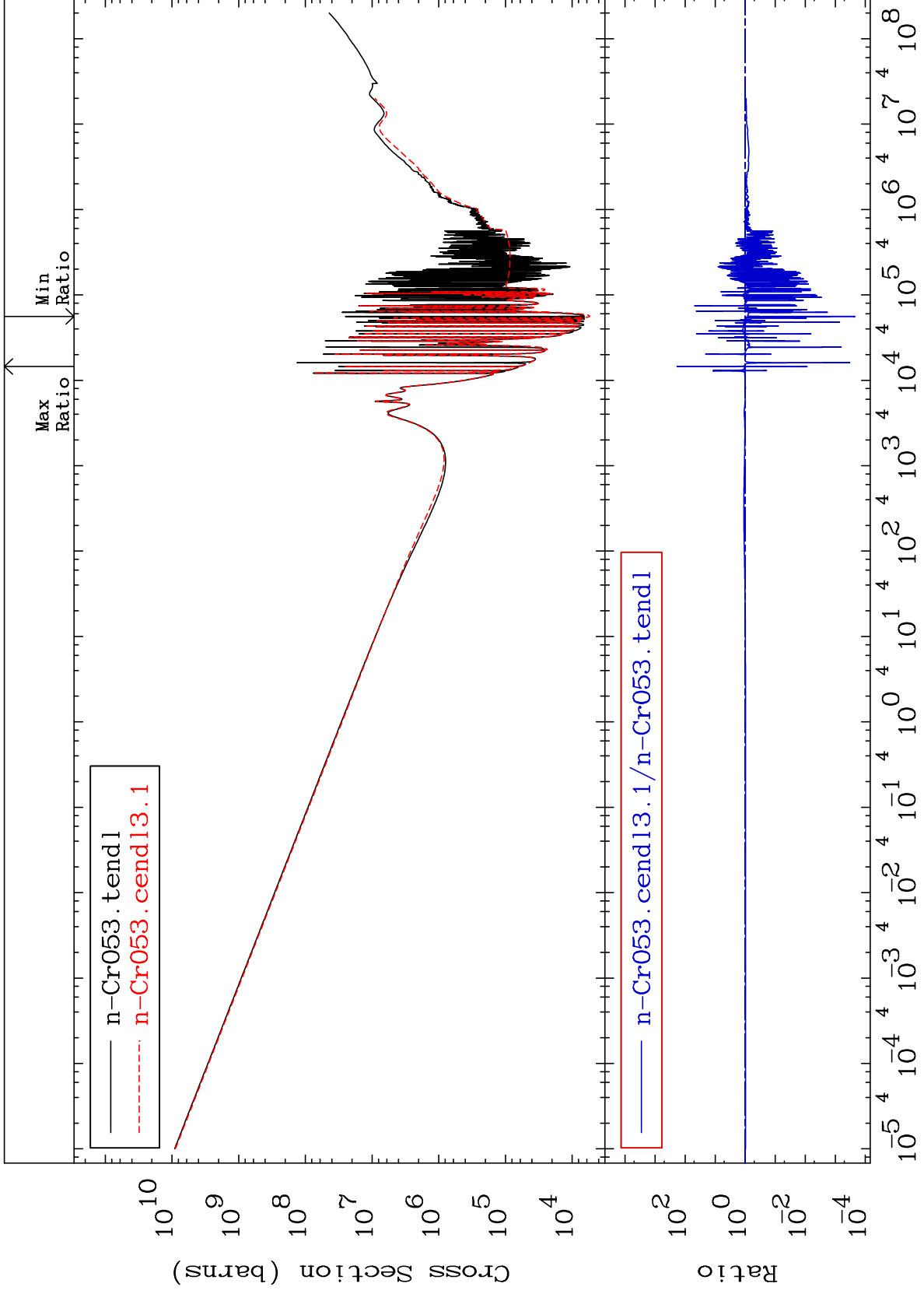
(n, α)
Cross Section

24-Cr-53
-73.63 To 447.6 %





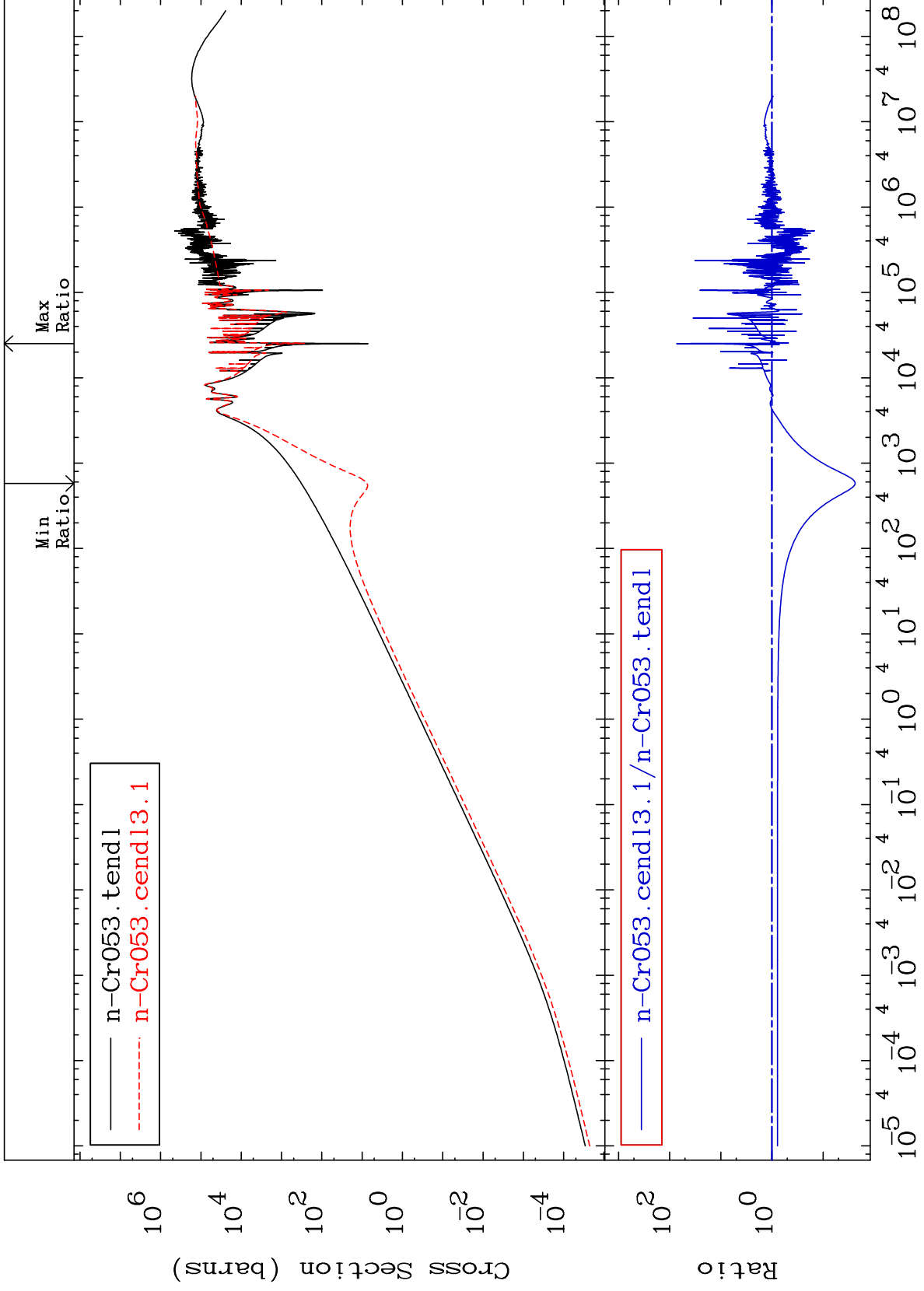




MAT 2434

Kerma elastic
Cross Section

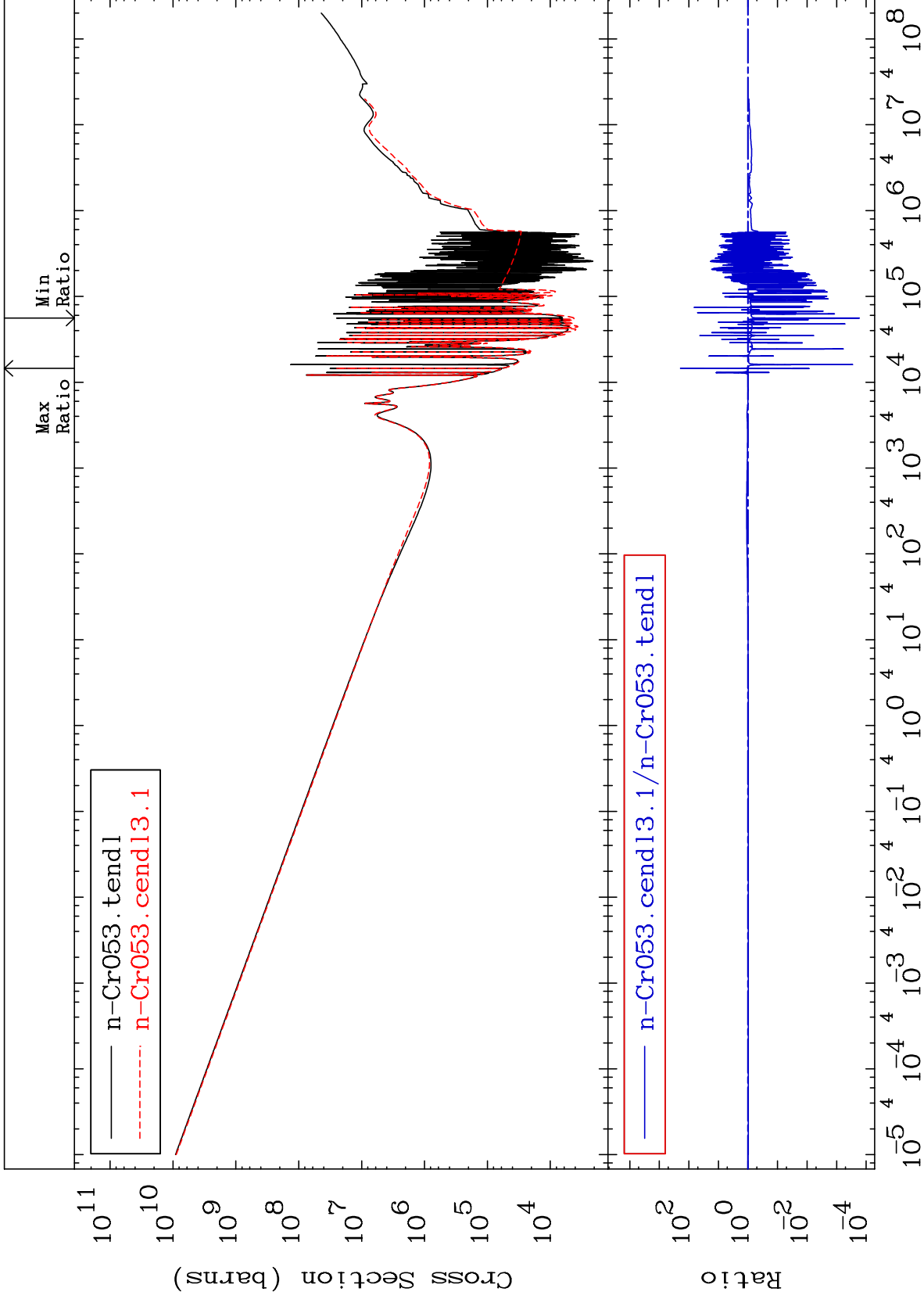
24-Cr-53
-97.64 To 7115. %

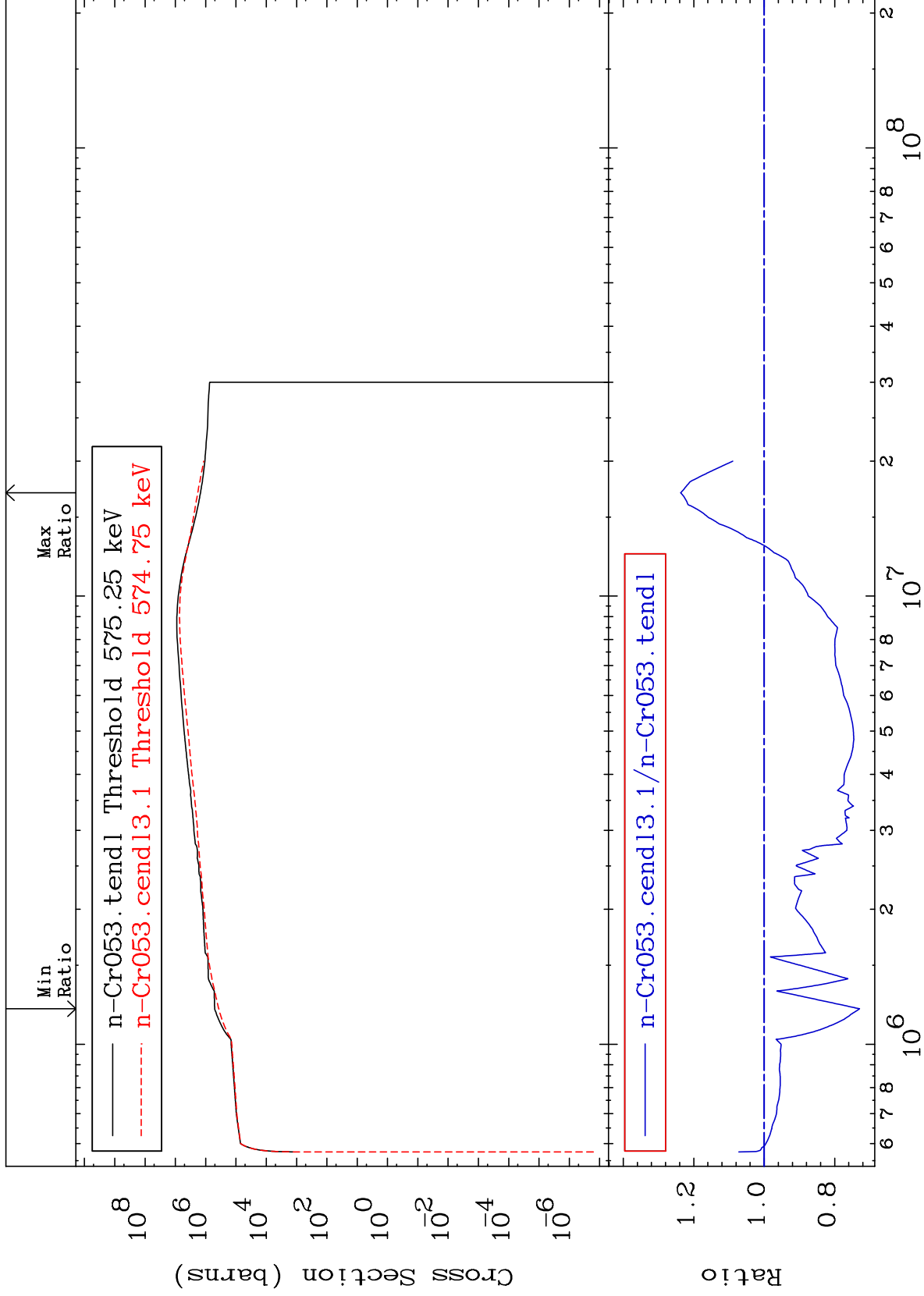


MAT 2434

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-53
-99.98 To 9999. %

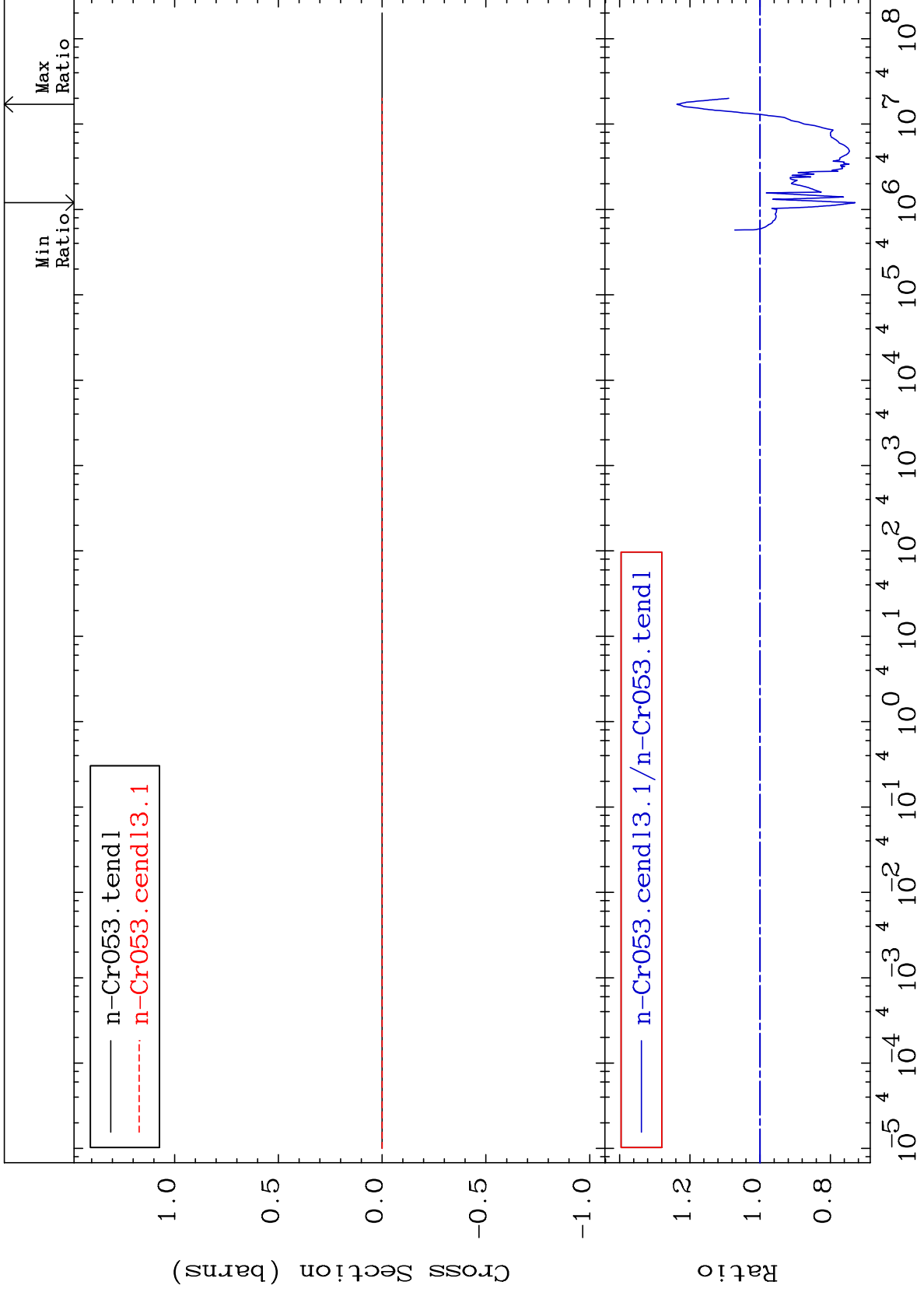




MAT 2434

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

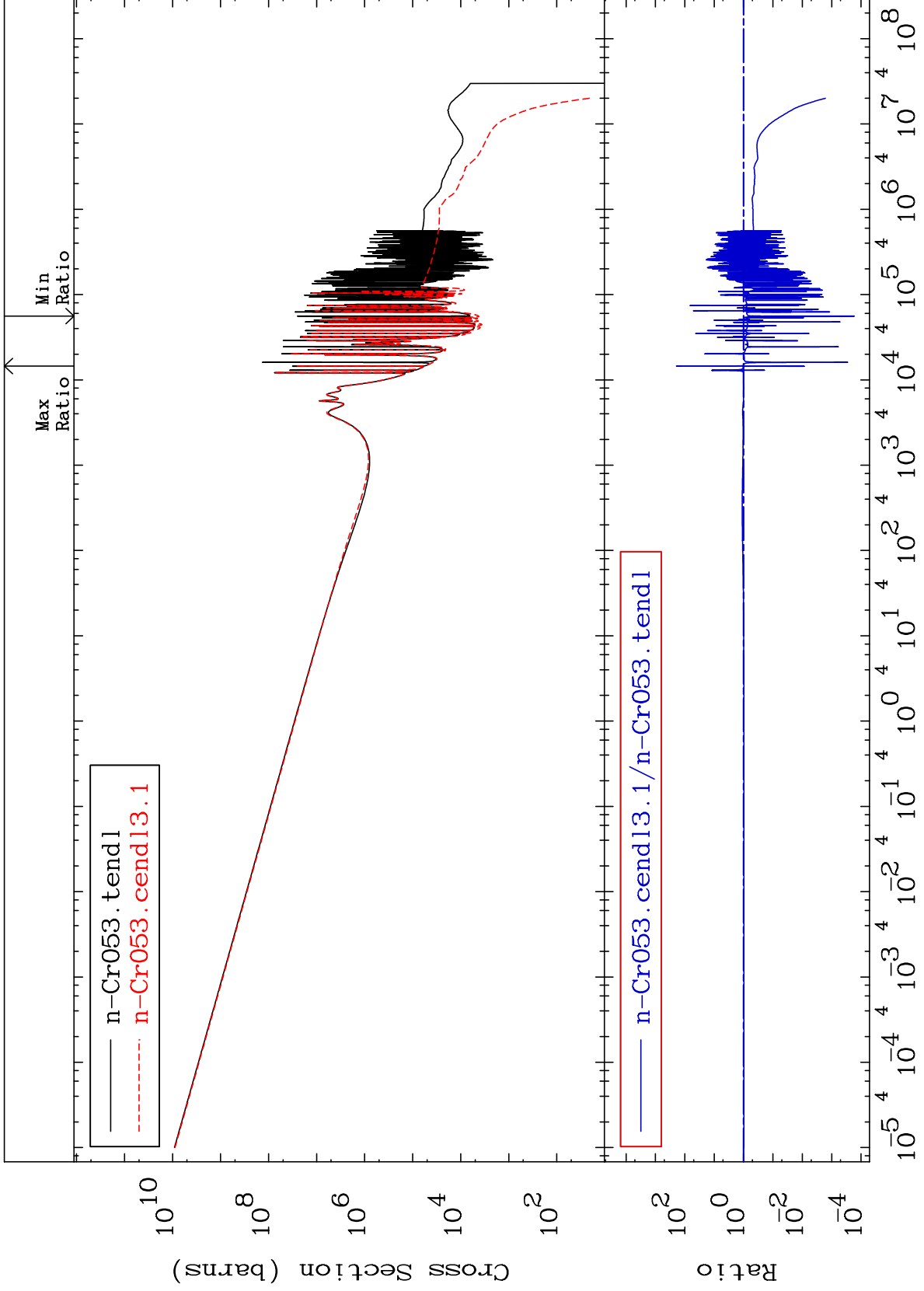
24-Cr-53
-27.04 To 23.68 %



MAT 2434

Kerma capture (mt102)
Cross Section

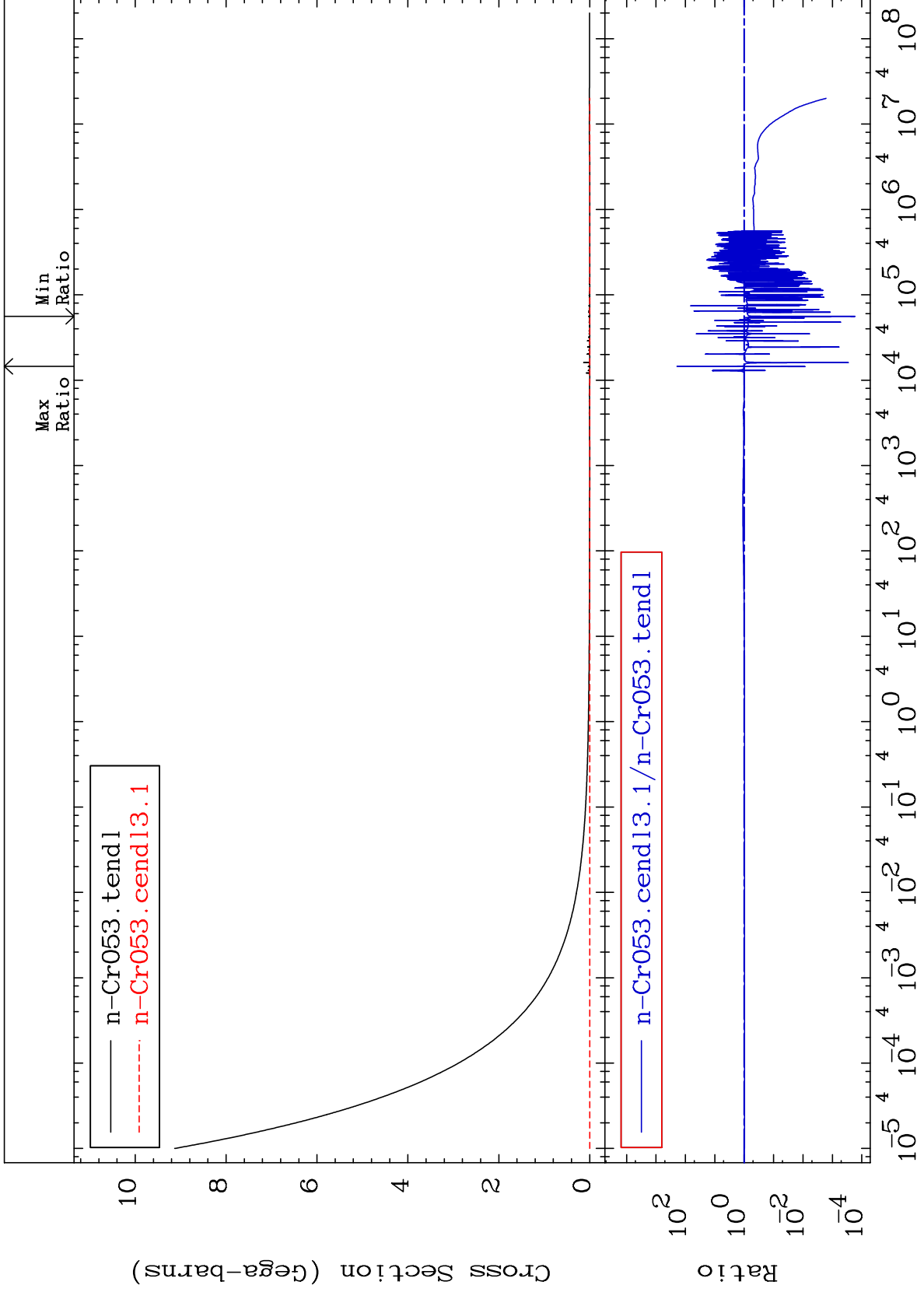
24-Cr-53
-99.98 To 9999. %

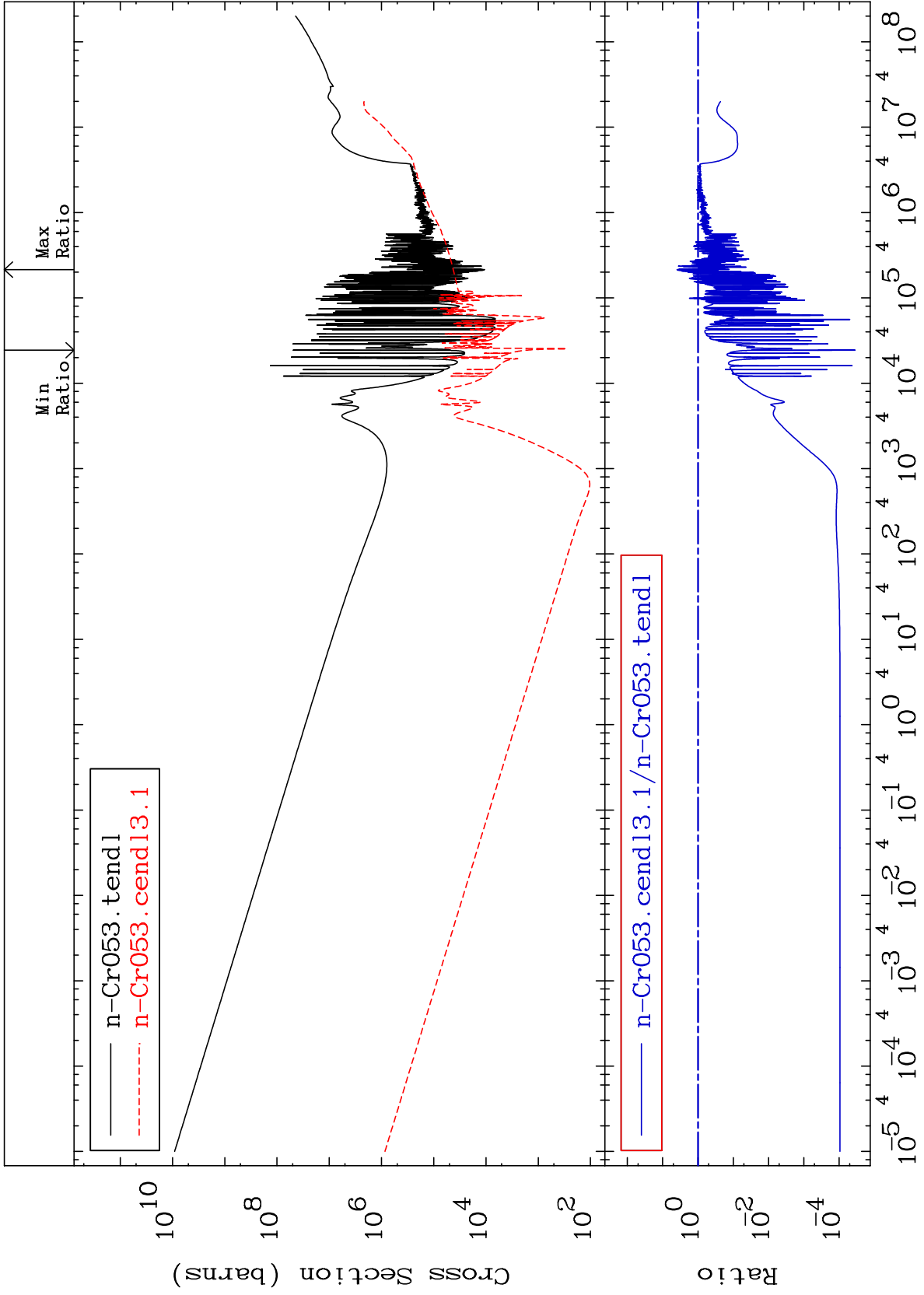


31

Incident Energy (eV)

24-Cr-53

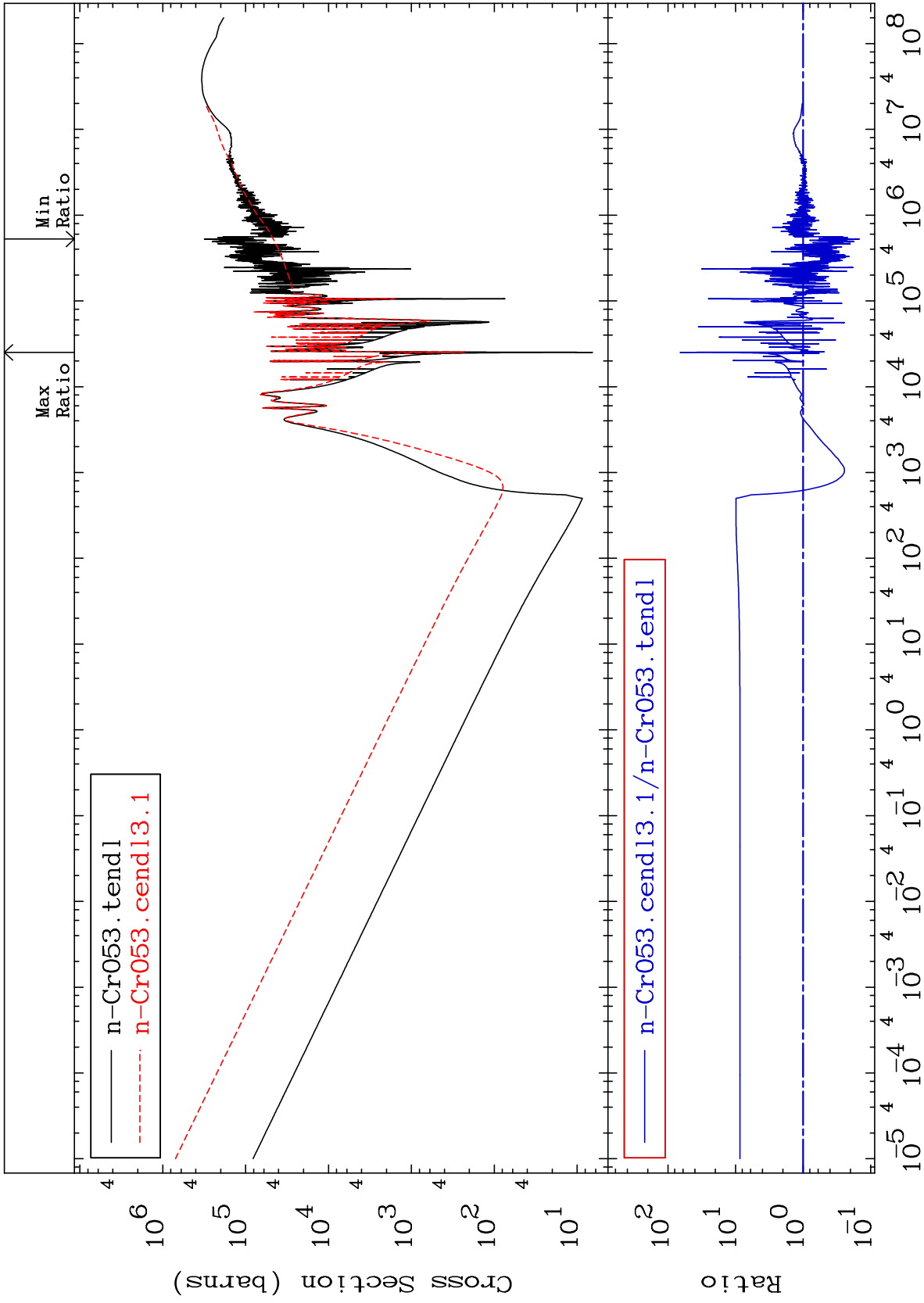




MAT 2434

Dpa total (eV-barns)
Cross Section

24-Cr-53
-85.28 To 6475. %



34

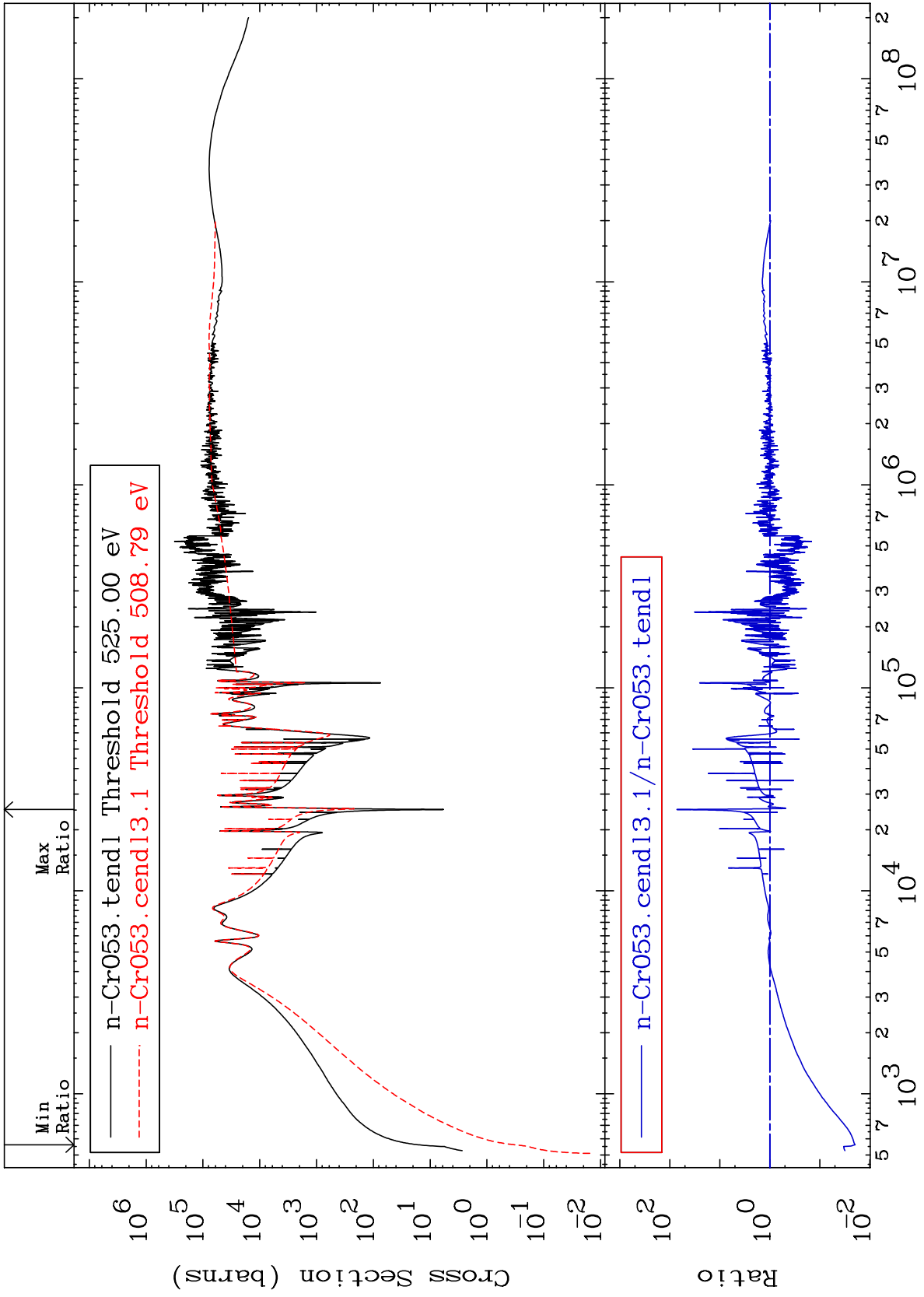
Incident Energy (eV)

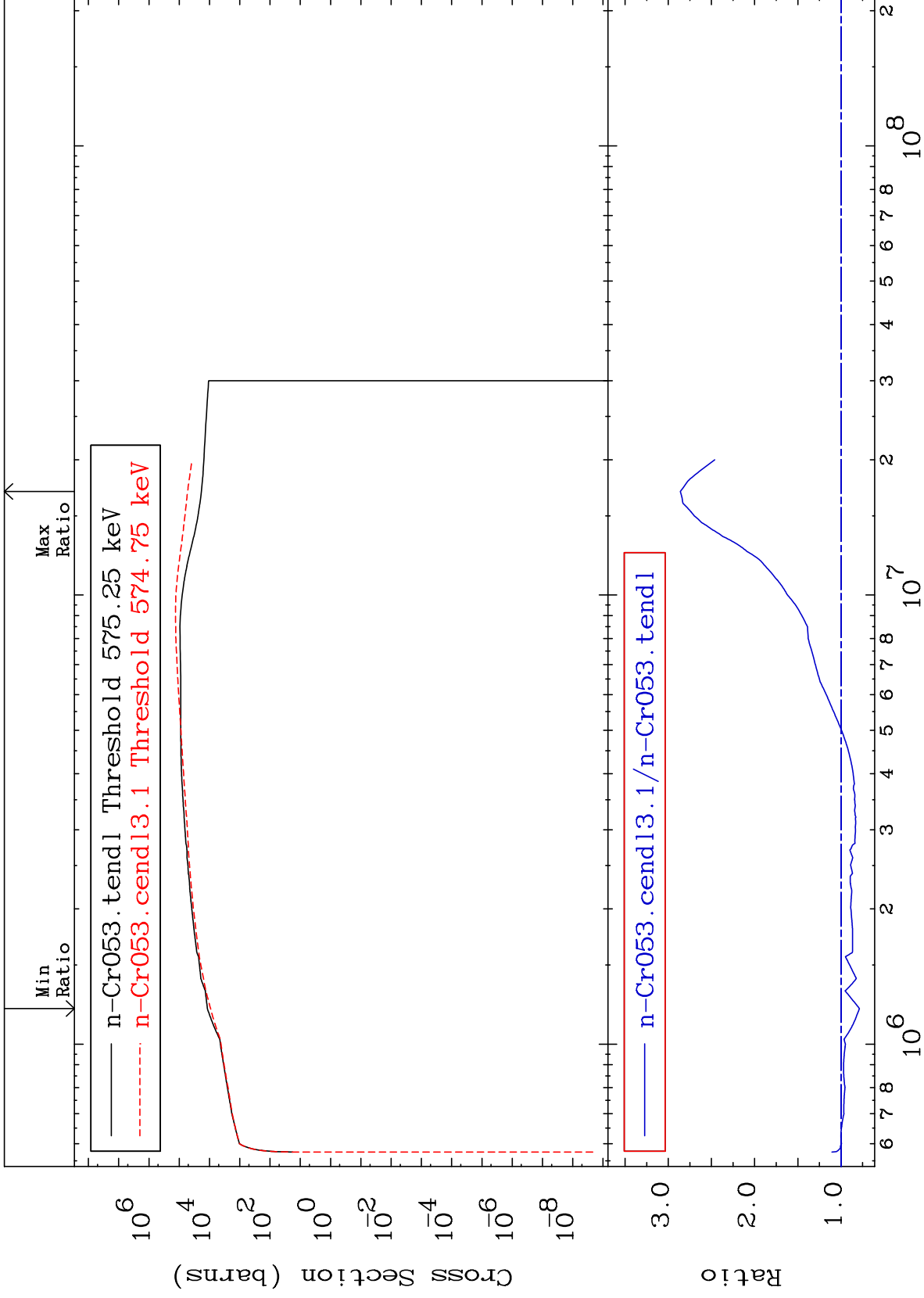
24-Cr-53

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. %

