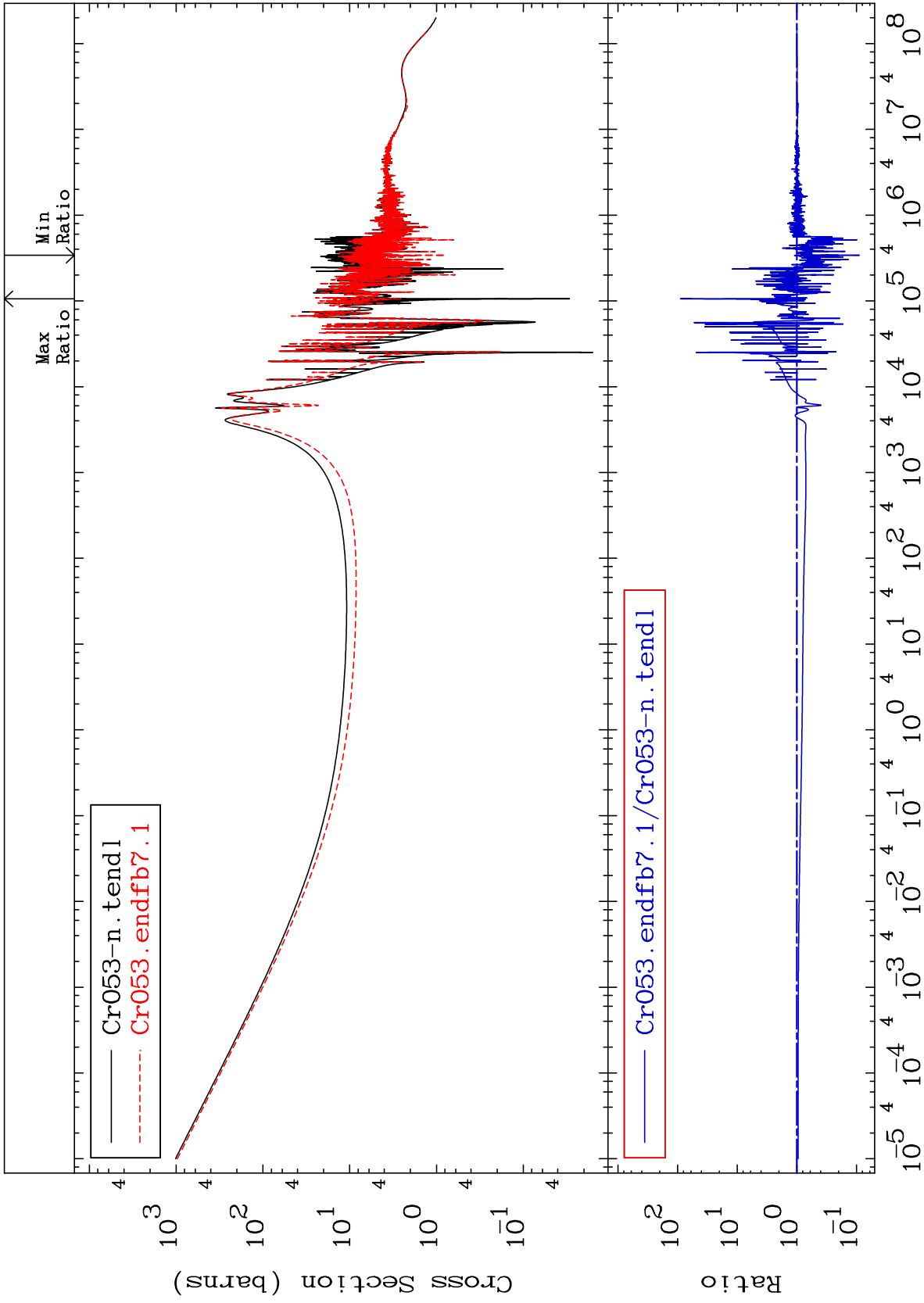


MAT 2434

Total
Cross Section

24-Cr-53
-91.05 To 8917. %



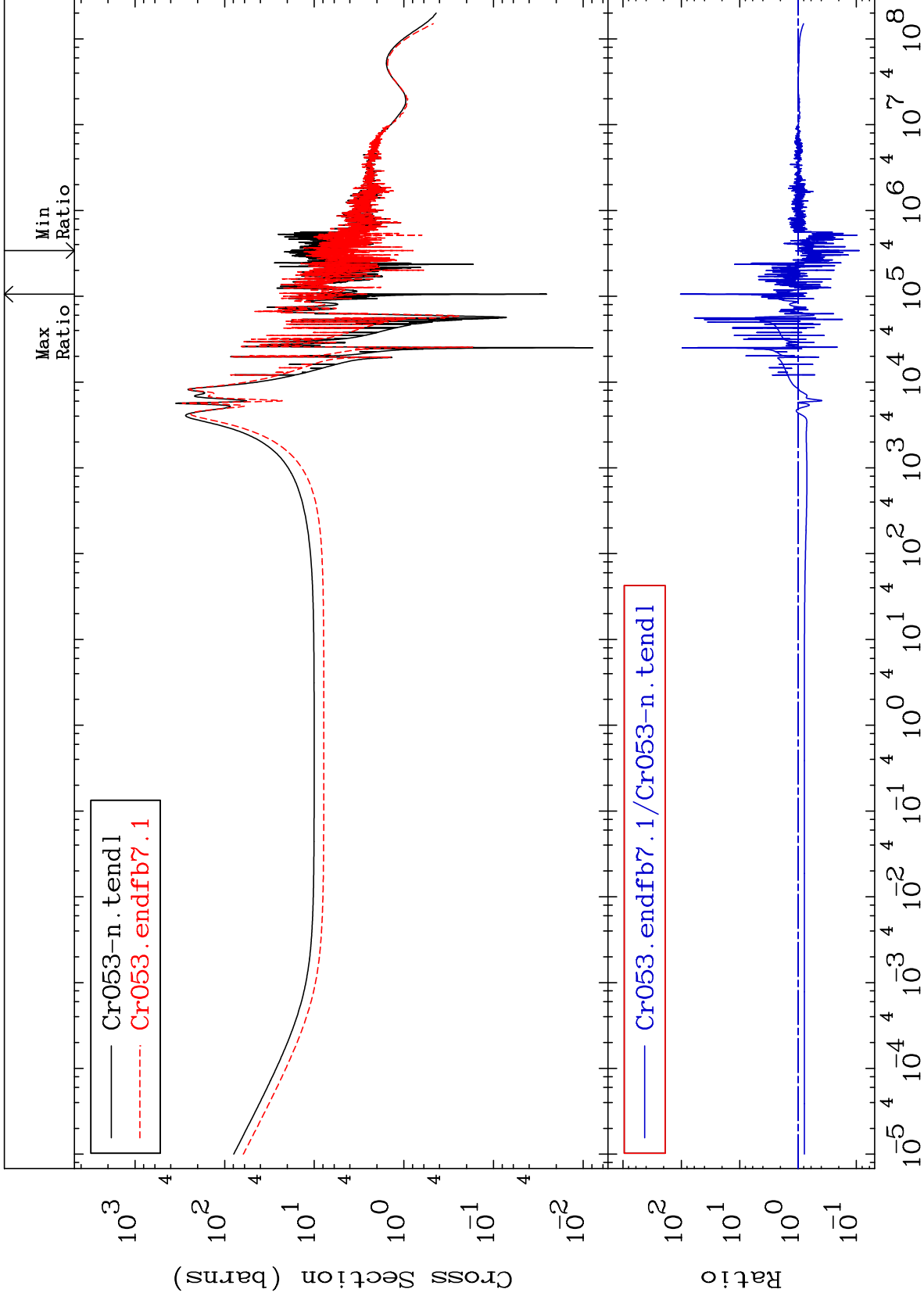
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic
Cross Section

24-Cr-53
-91.13 To 9999. %



Incident Energy (eV)

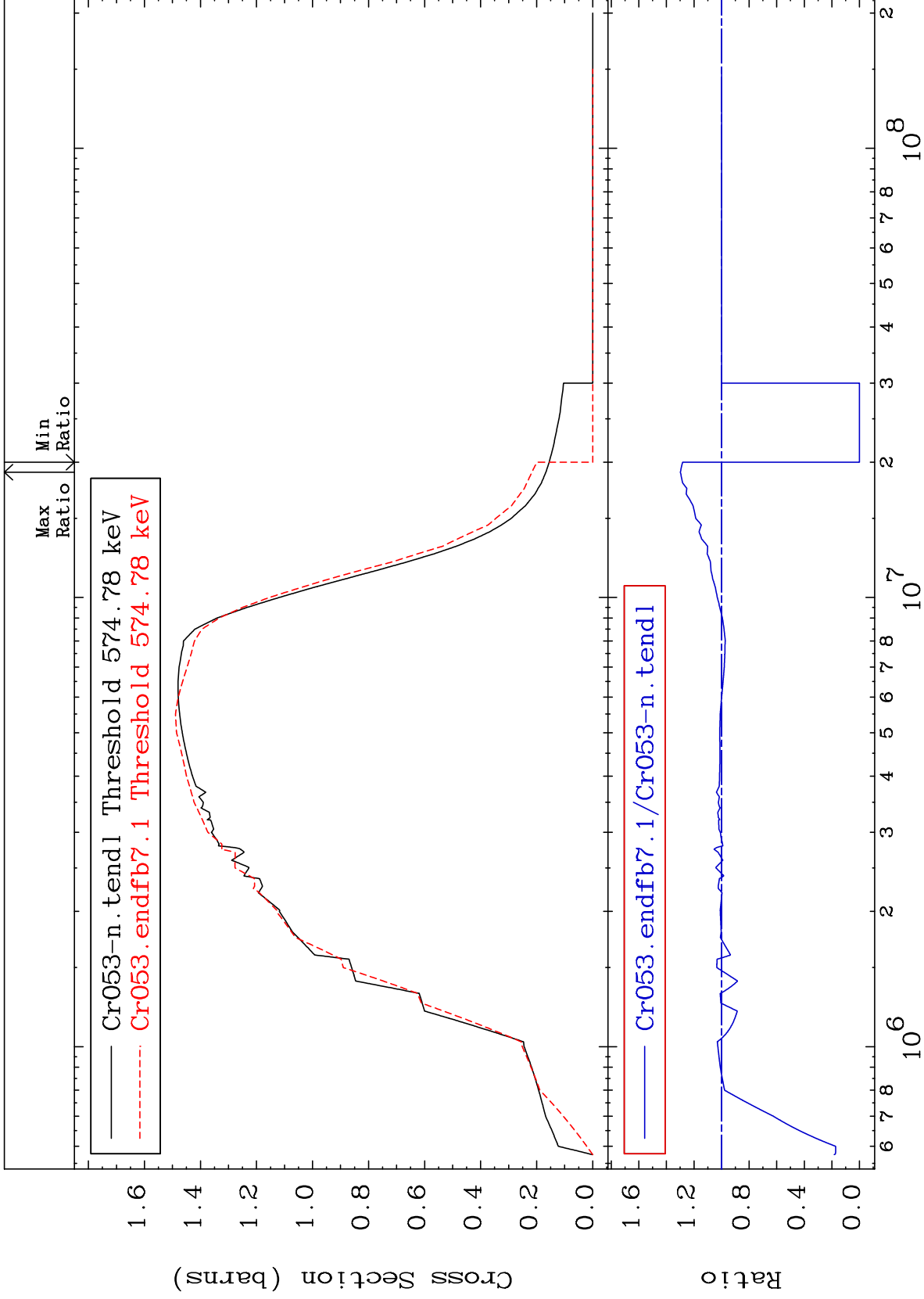
24-Cr-53

2

MAT 2434

Inelastic
Cross Section

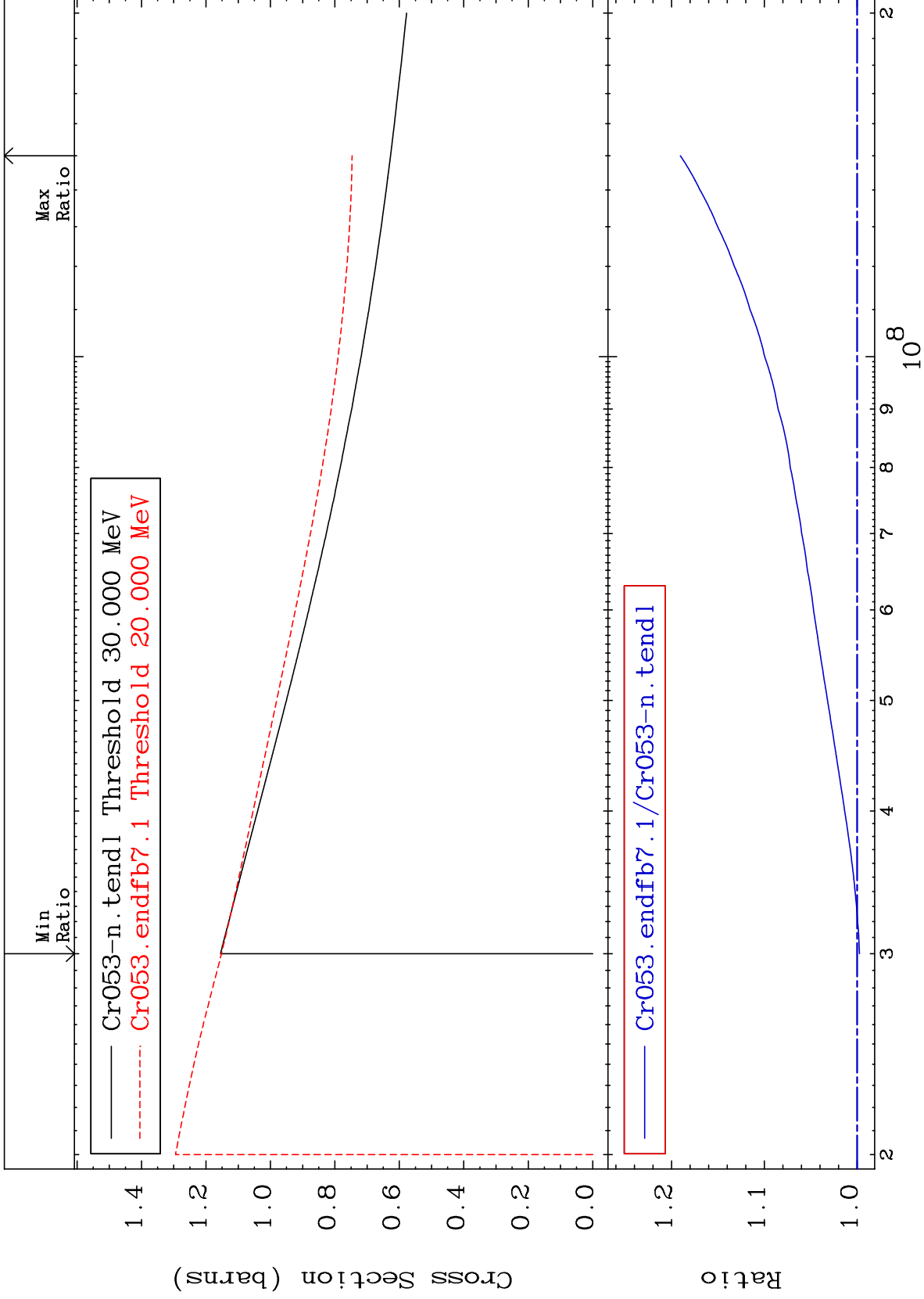
²⁴Cr-53
-100.0 To 29.88 %



MAT 2434

(n, remainder)
Cross Section

²⁴Cr-53
-0.248 To 19.05 %



4

Incident Energy (eV)

²⁴Cr-53

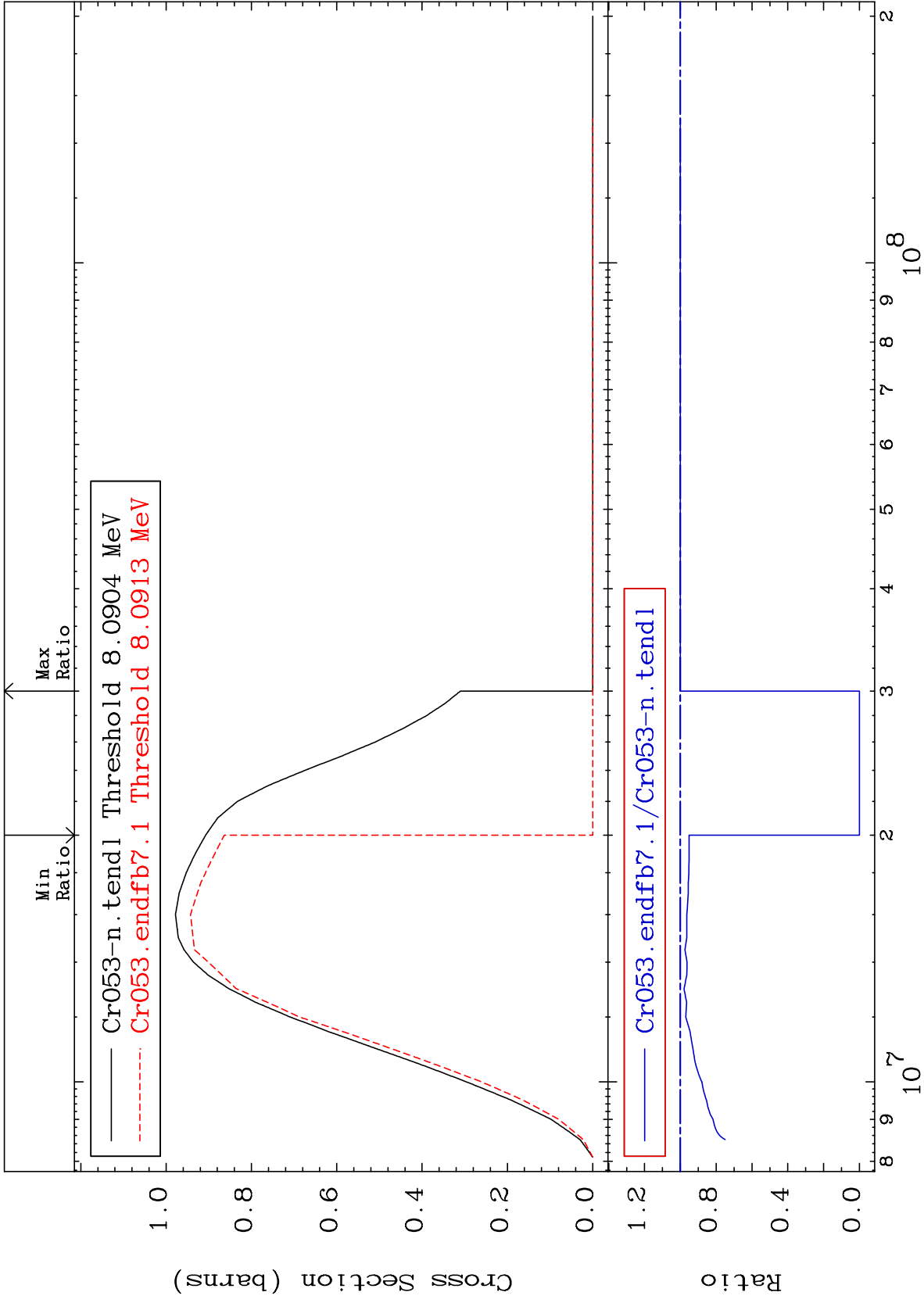
MAT 2434

(n,2n)

²⁴Cr-53

Cross Section

-100.0 To 0.000 %



5

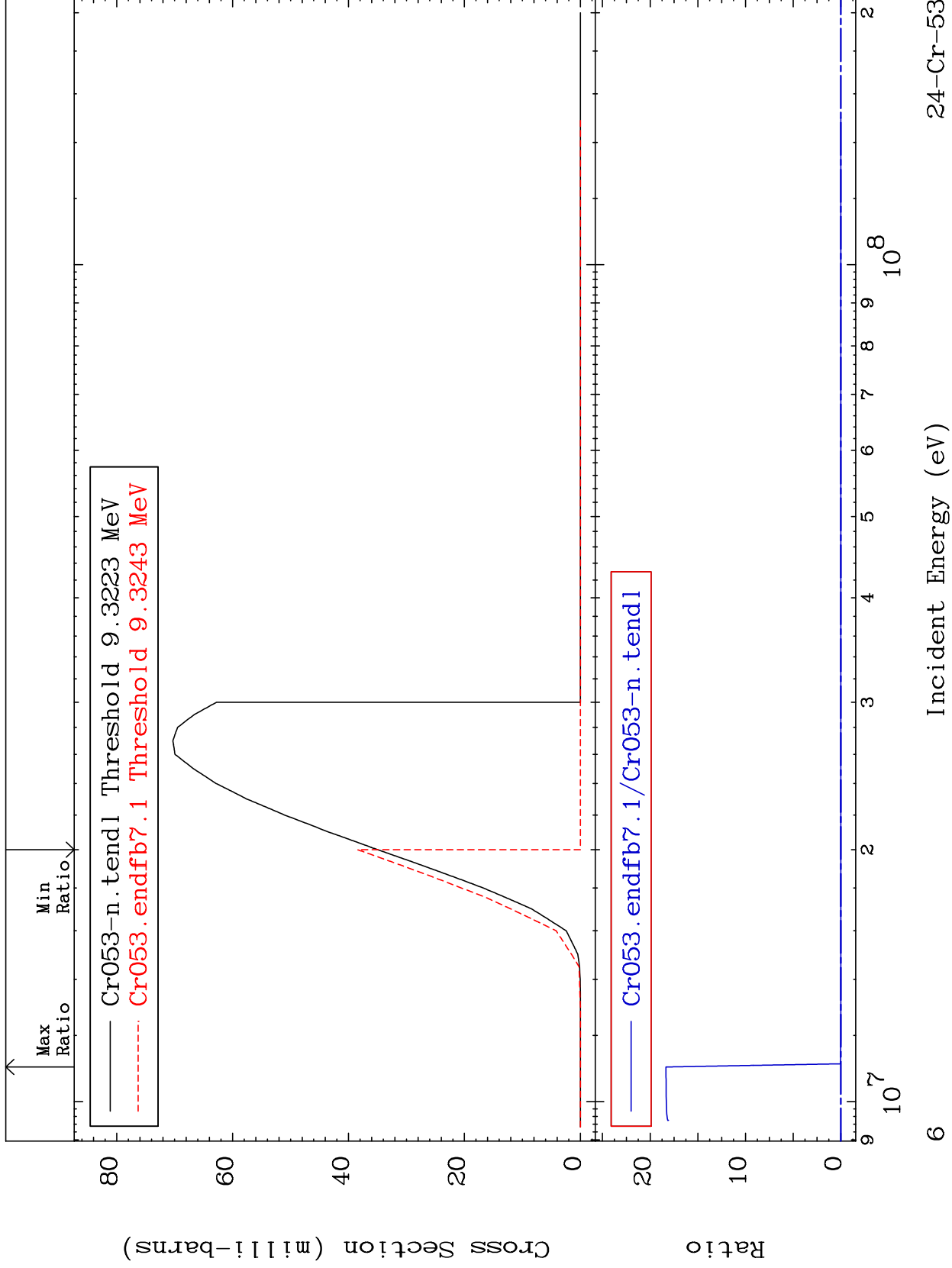
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n, n') α
Cross Section

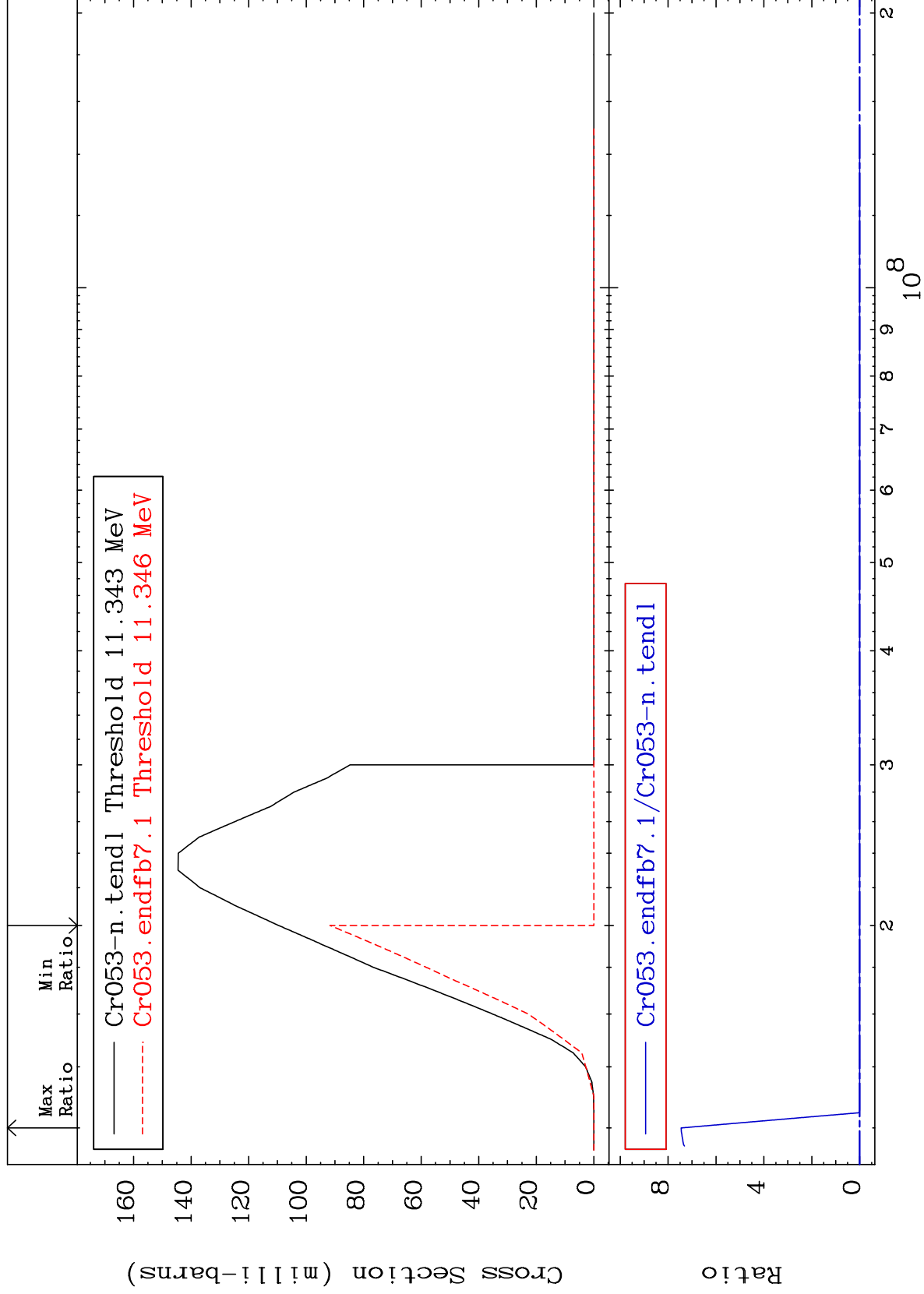
²⁴Cr-53
-100.0 To 9999. %



MAT 2434

(n,n') p
Cross Section

²⁴Cr-53
-100.0 To 9999. %



7

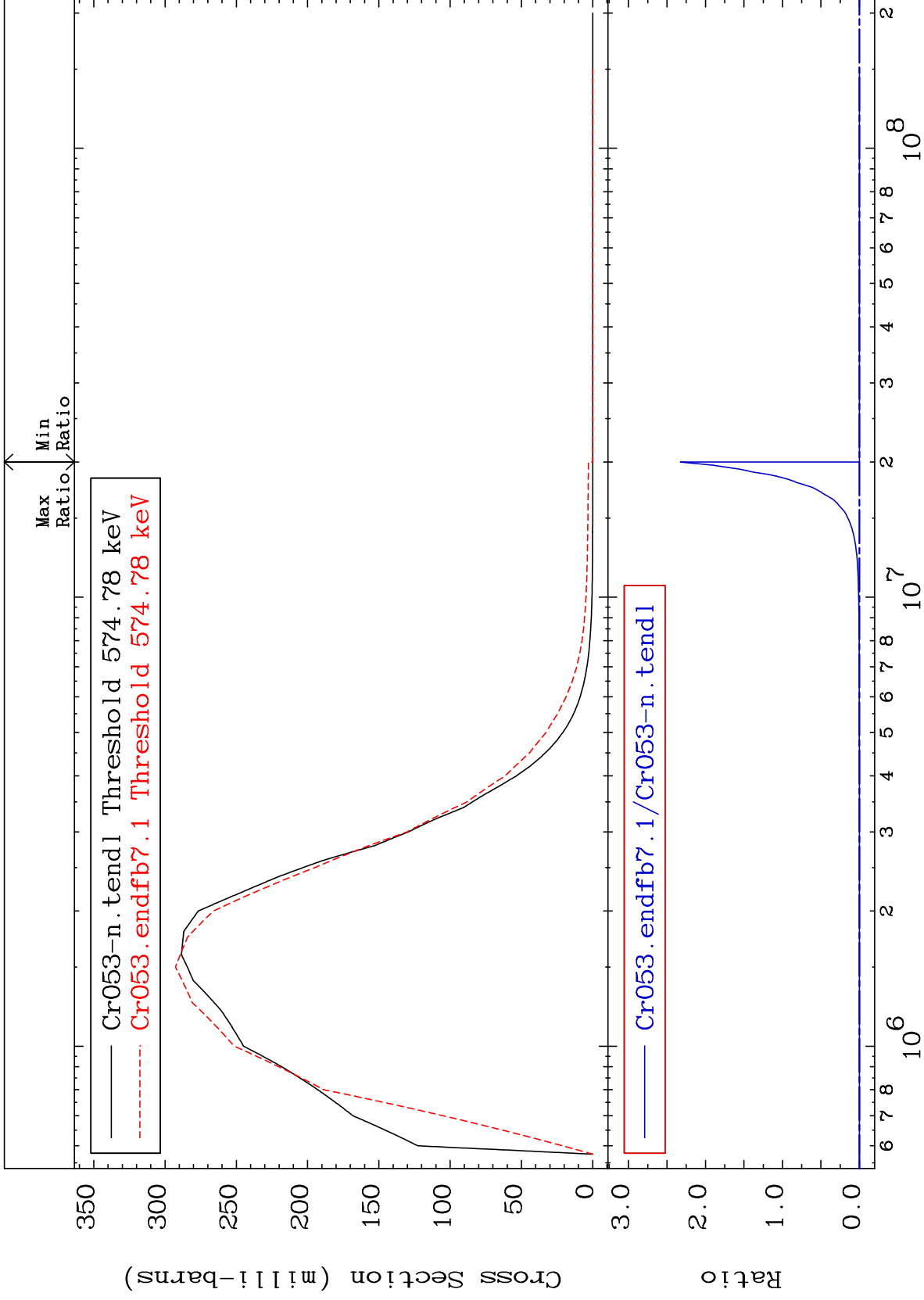
Incident Energy (eV)

²⁴Cr-53

MAT 2434

564.0 keV (n,n') Level
Cross Section

24-Cr-53
-100.0 To 9999. %



8

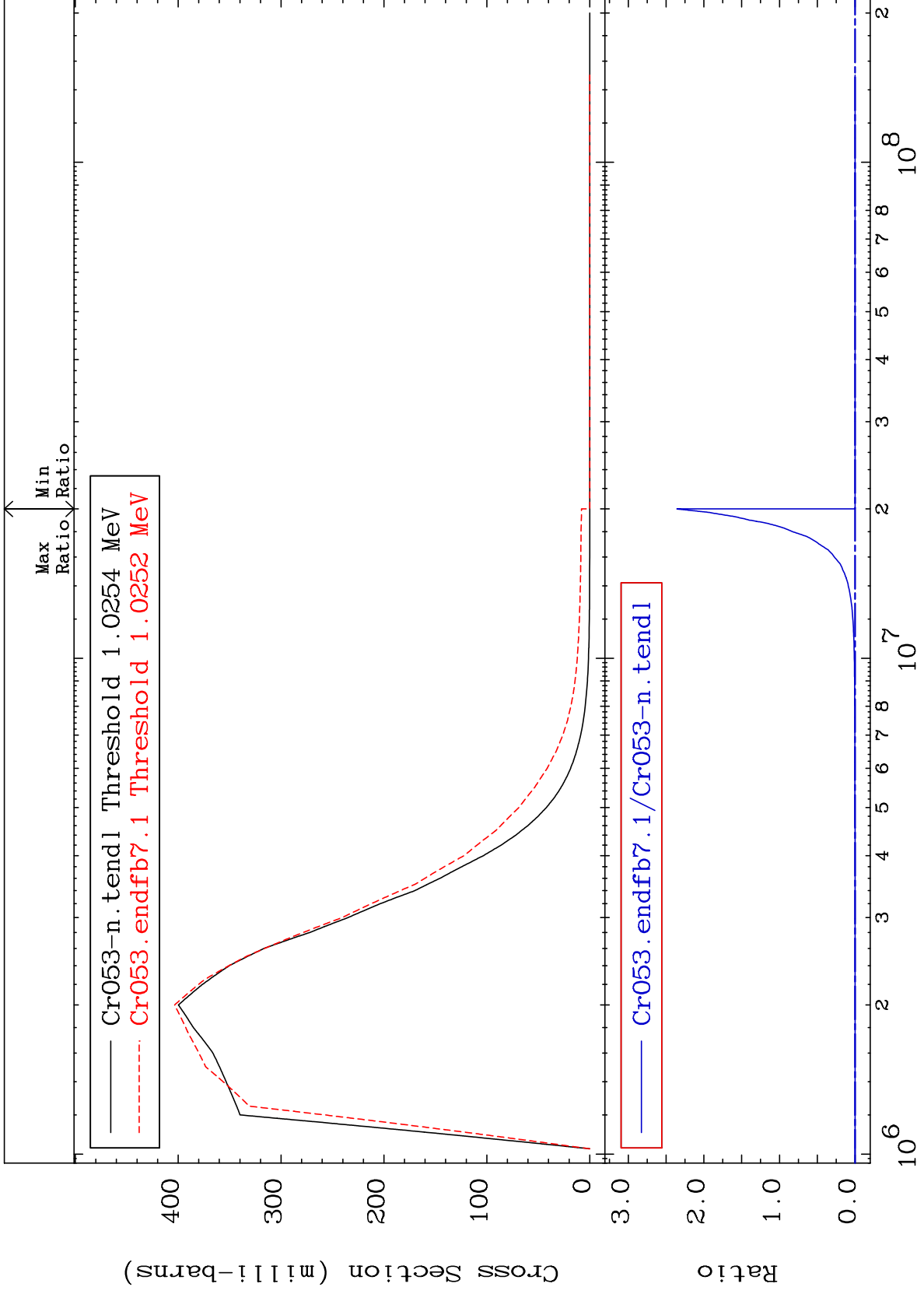
24-Cr-53

24-Cr-53

MAT 2434

1.006 MeV (n,n') Level
Cross Section

24-Cr-53
-100.0 To 9999. %



9

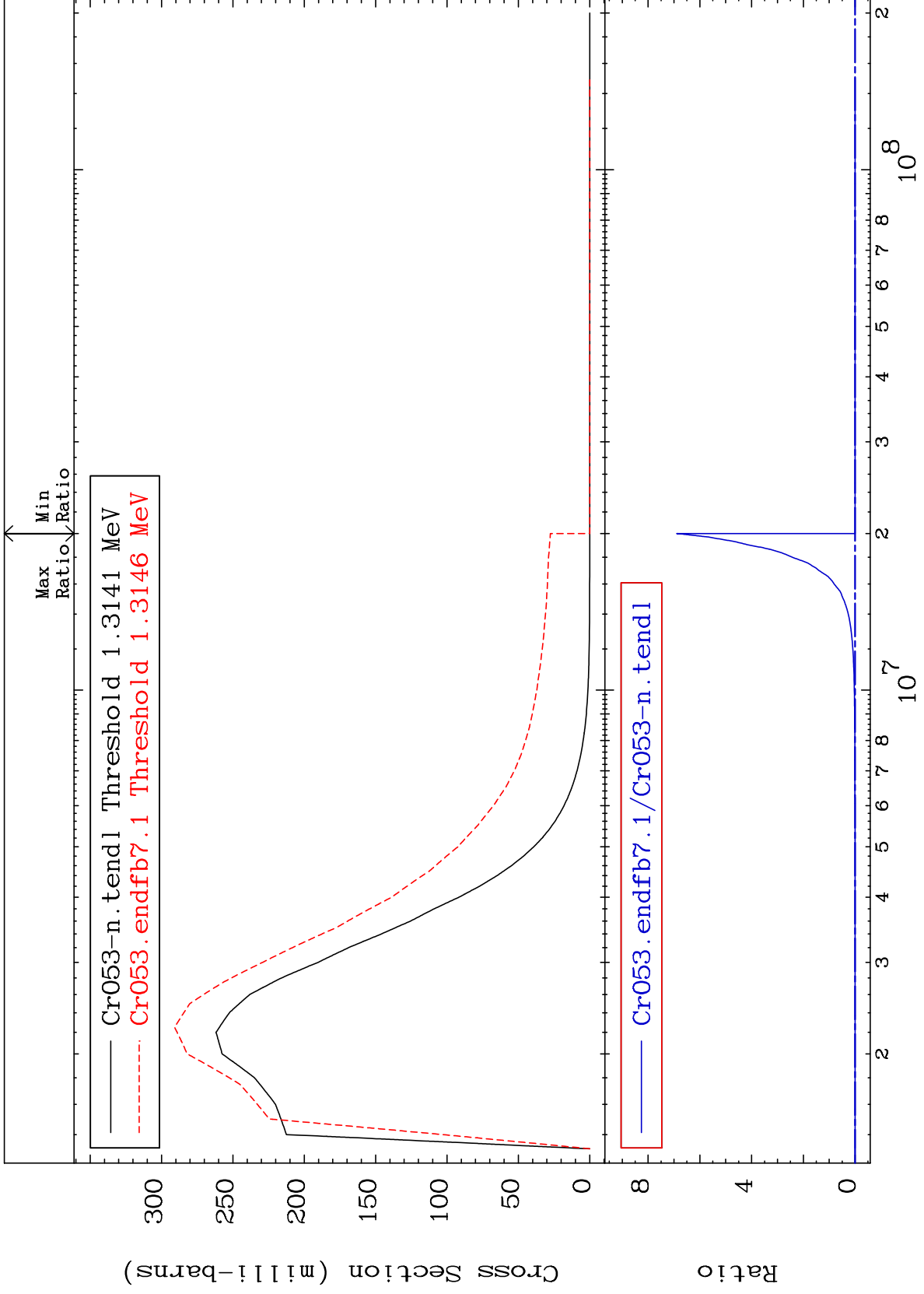
Incident Energy (eV)

24-Cr-53

MAT 2434

1.290 MeV (n,n') Level
Cross Section

24-Cr-53
-100.0 To 9999. %



10

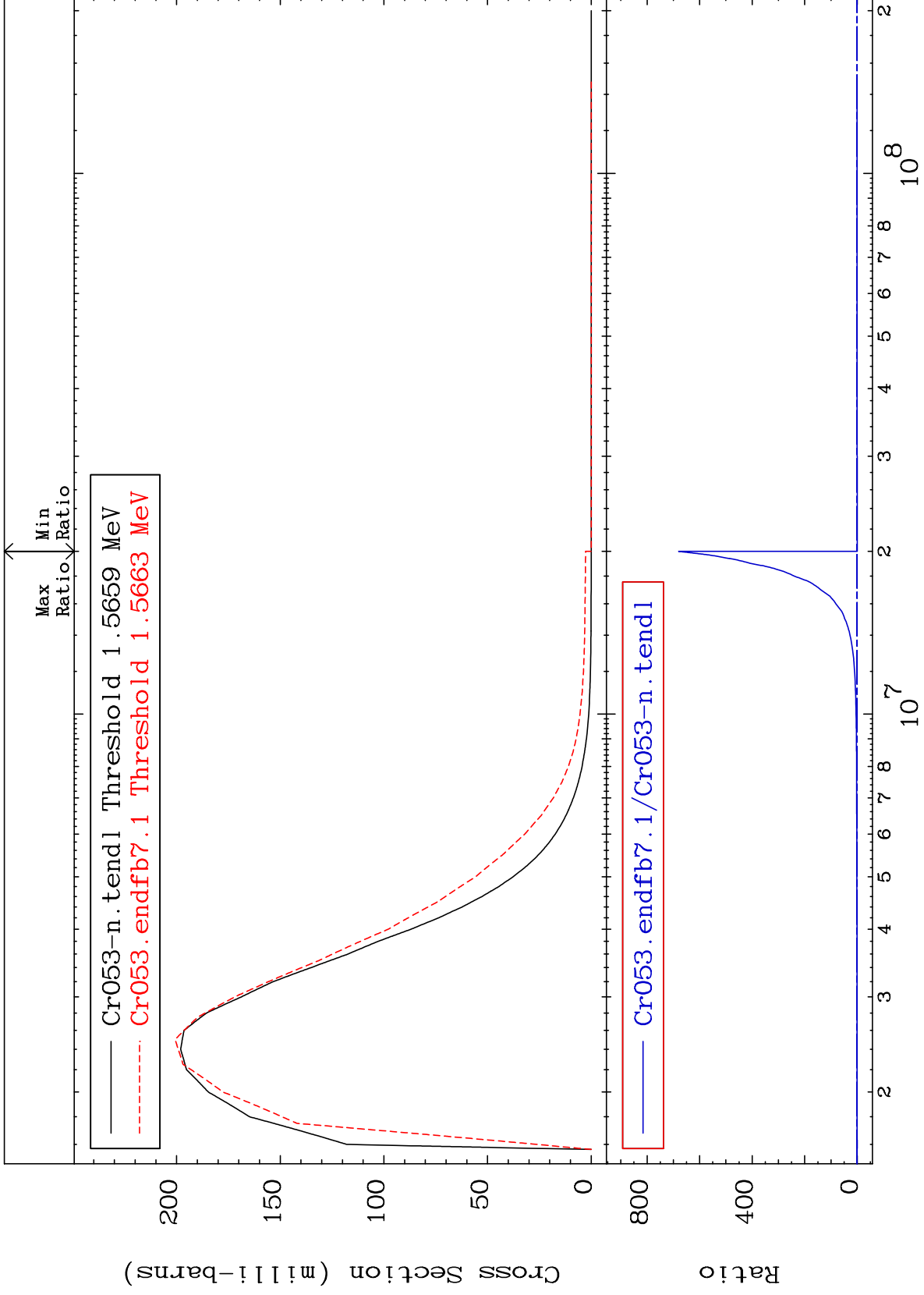
Incident Energy (eV)

24-Cr-53

MAT 2434

1.537 MeV (n,n') Level
Cross Section

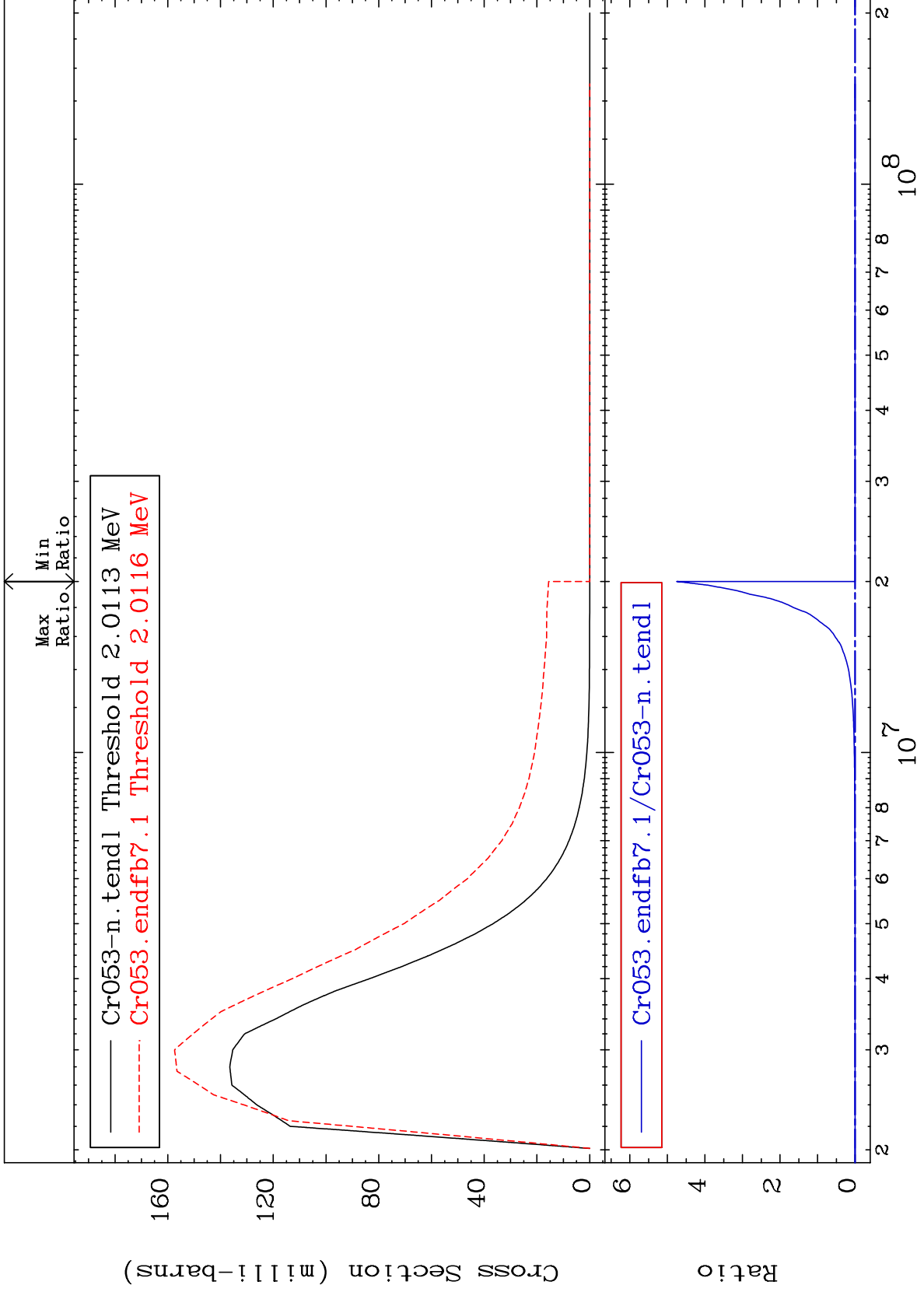
24-Cr-53
-100.0 To 9999. %



MAT 2434

1.974 MeV (n,n') Level
Cross Section

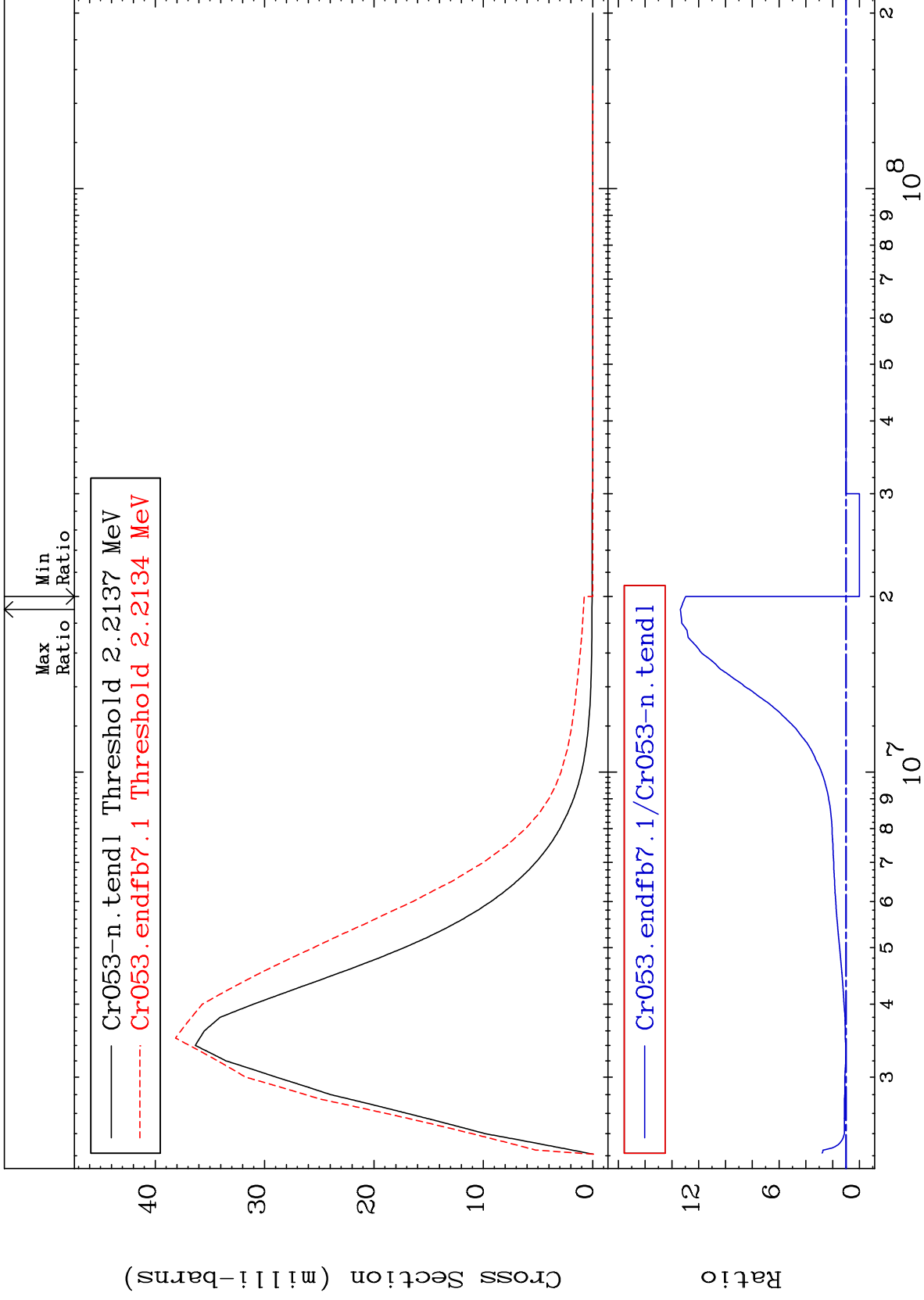
24-Cr-53
-100.0 To 9999. %



MAT 2434

2.172 MeV (n,n') Level
Cross Section

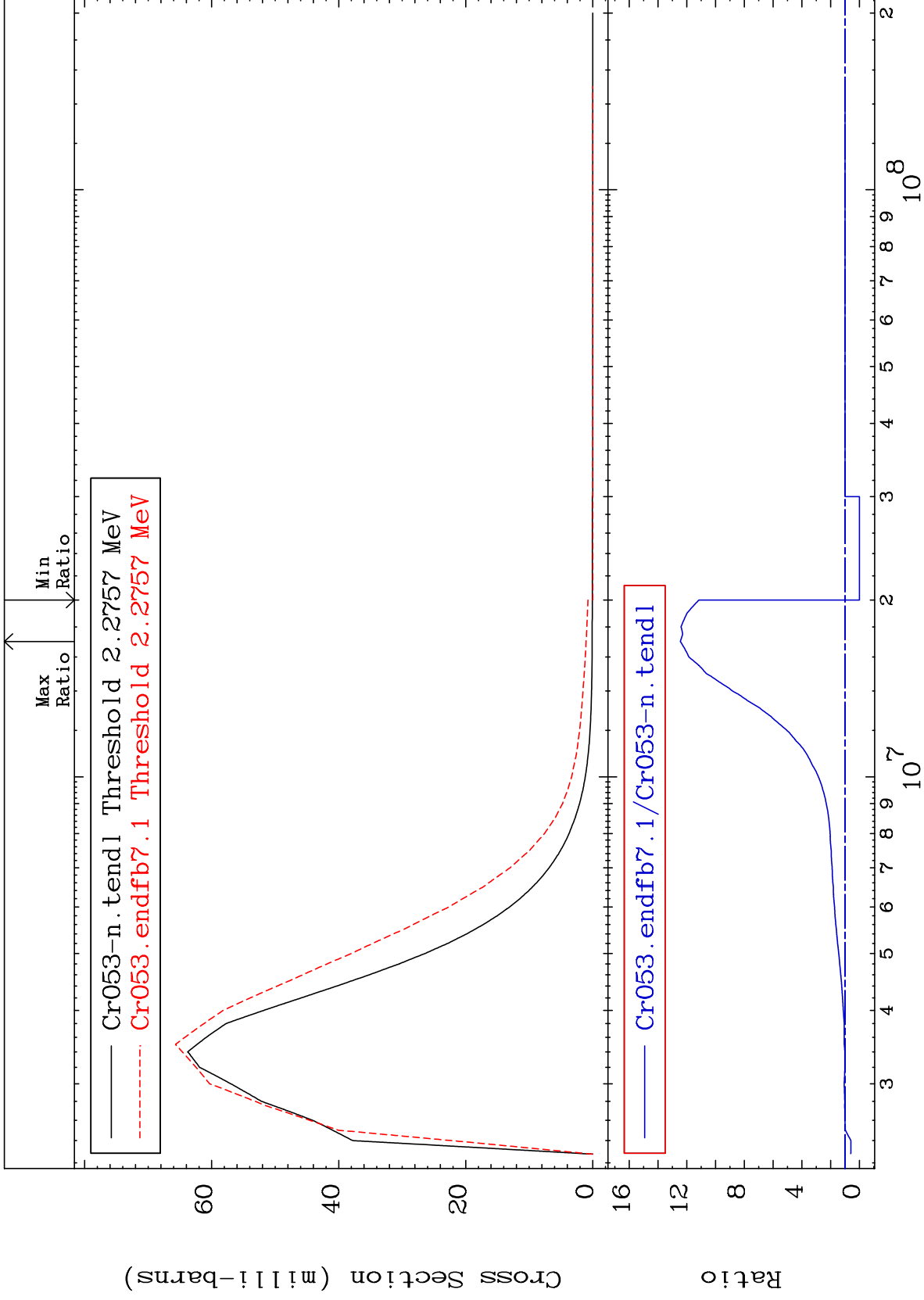
²⁴Cr-53
-100.0 To 1237. %



MAT 2434

2.233 MeV (n,n') Level
Cross Section

²⁴Cr-53
-100.0 To 1145. %



14

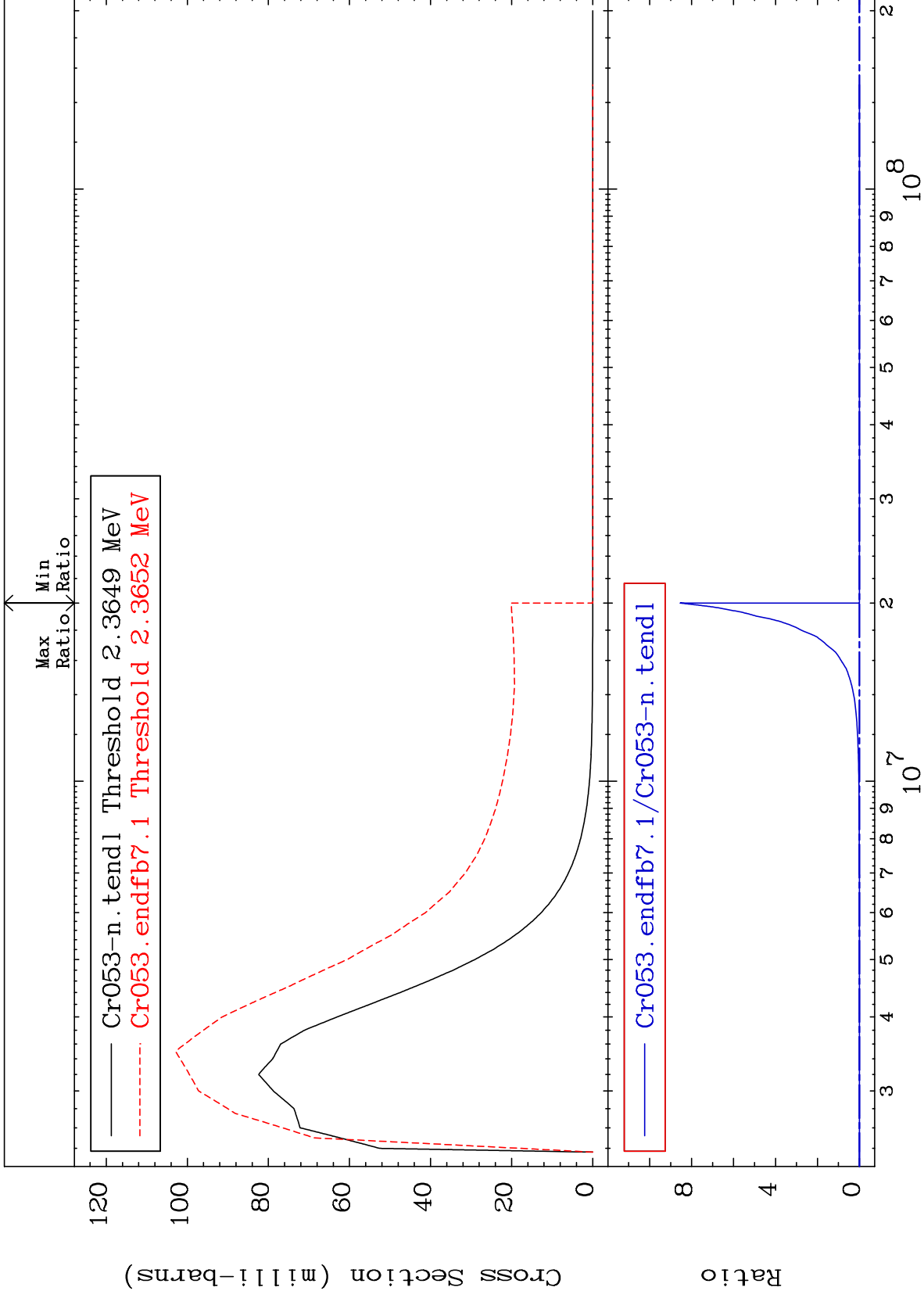
Incident Energy (eV)

²⁴Cr-53

MAT 2434

2.321 MeV (n,n') Level
Cross Section

24-Cr-53
-100.0 To 9999. %



15

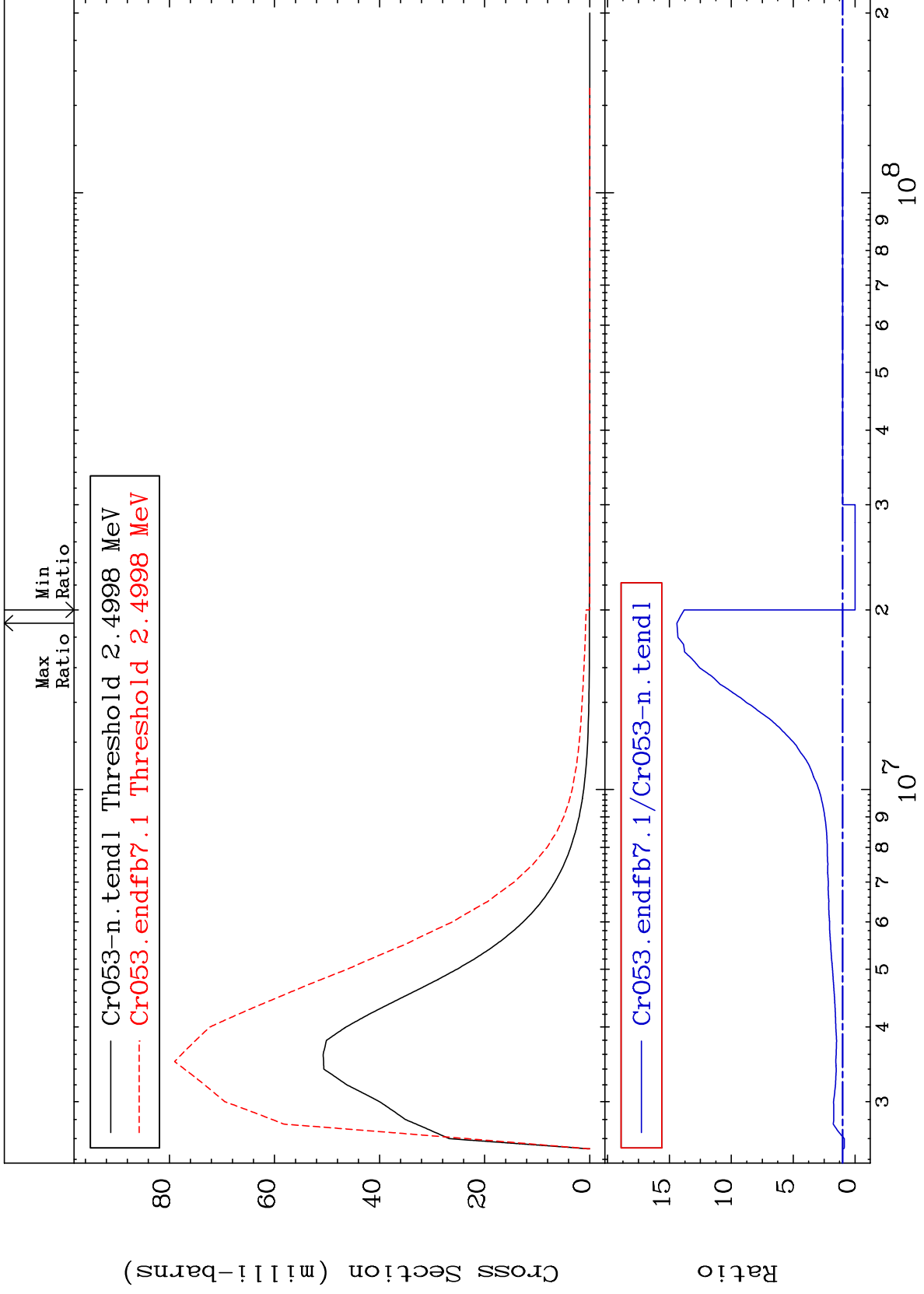
Incident Energy (eV)

24-Cr-53

MAT 2434

2.453 MeV (n,n') Level
Cross Section

²⁴Cr-53
-100.0 To 1340. %



16

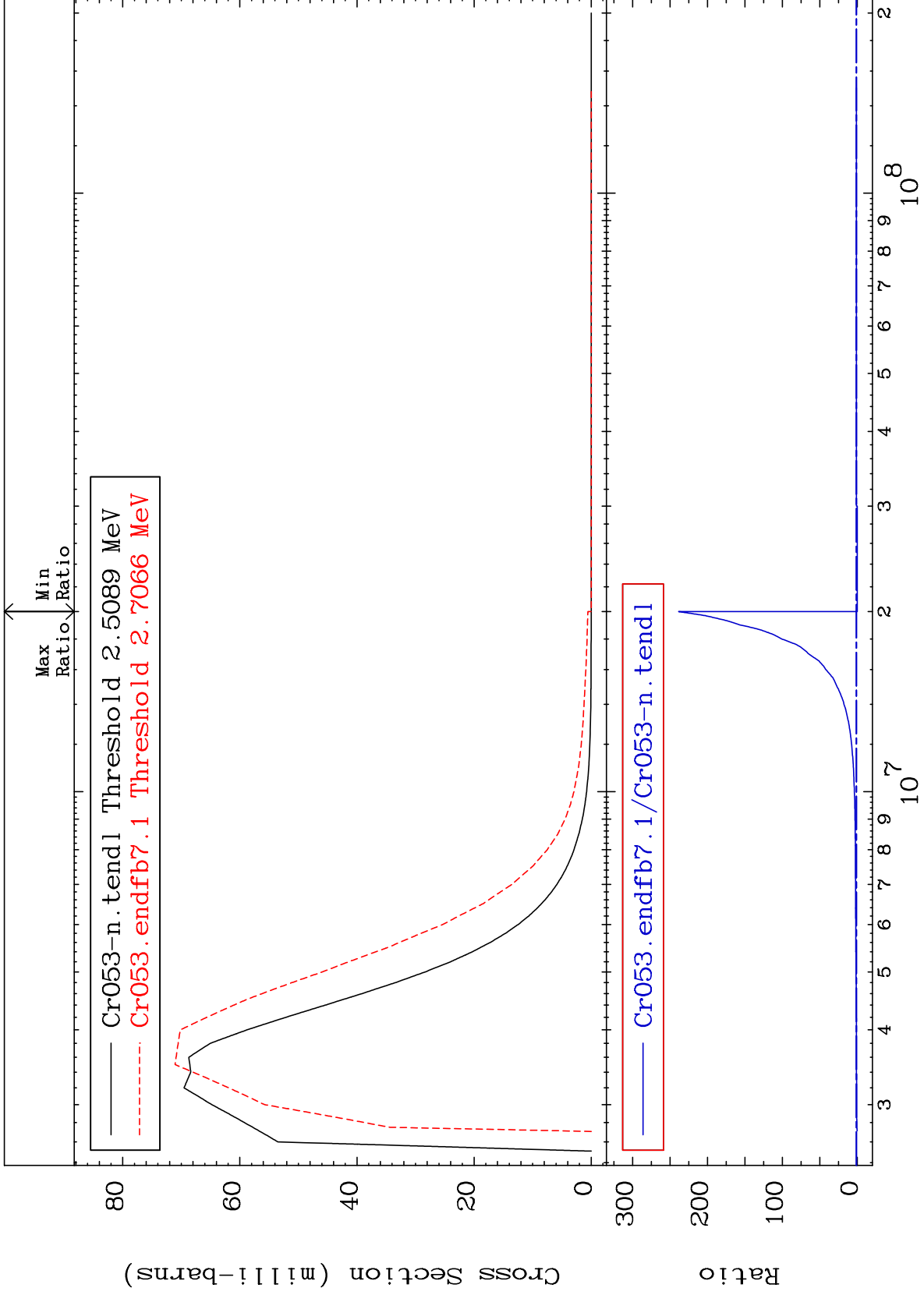
Incident Energy (eV)

²⁴Cr-53

MAT 2434

2.462 MeV (n,n') Level
Cross Section

24-Cr-53
-100.0 To 9999. %



17

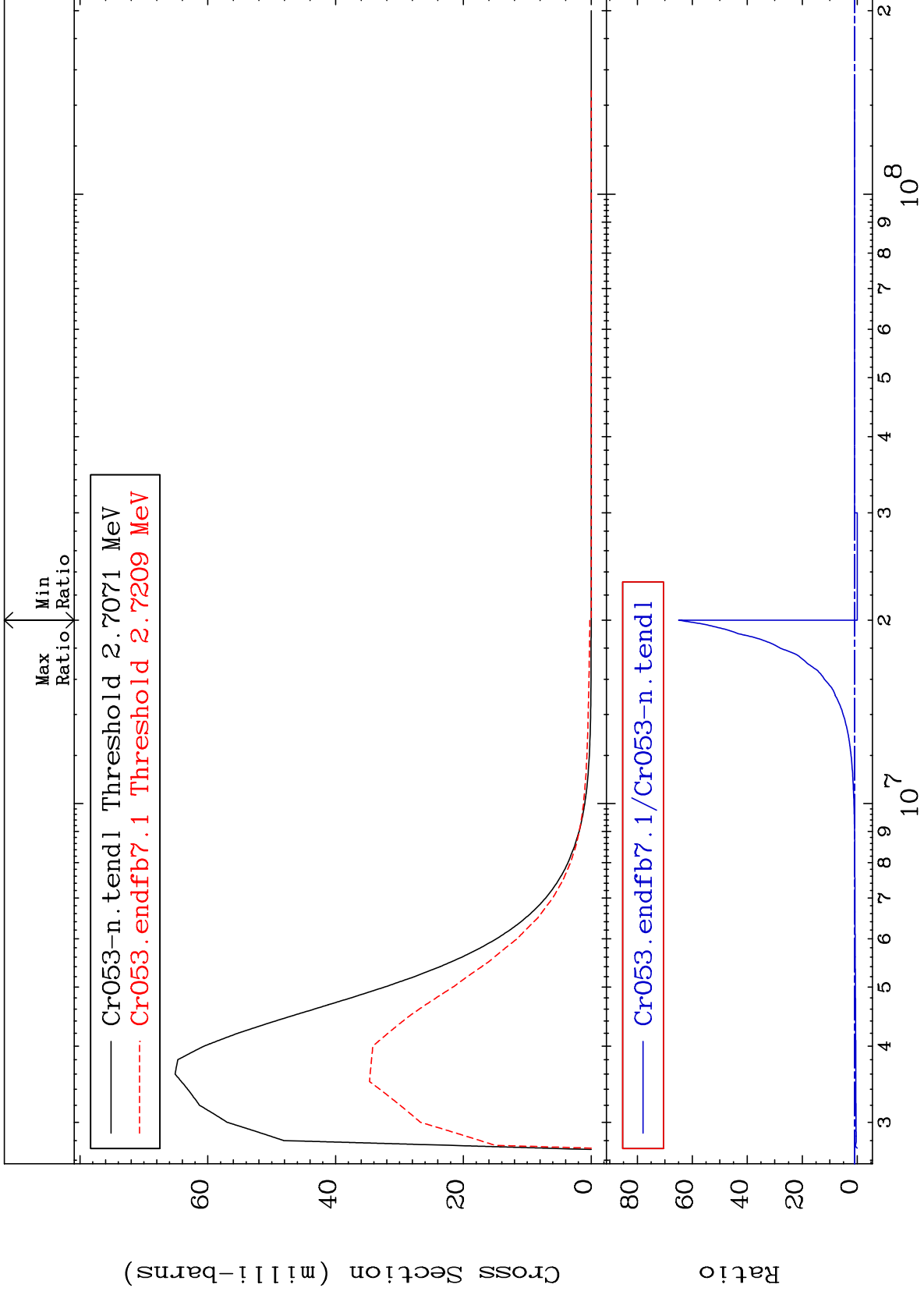
Incident Energy (eV)

24-Cr-53

MAT 2434

2.657 MeV (n,n') Level
Cross Section

24-Cr-53
-100.0 To 6397. %



18

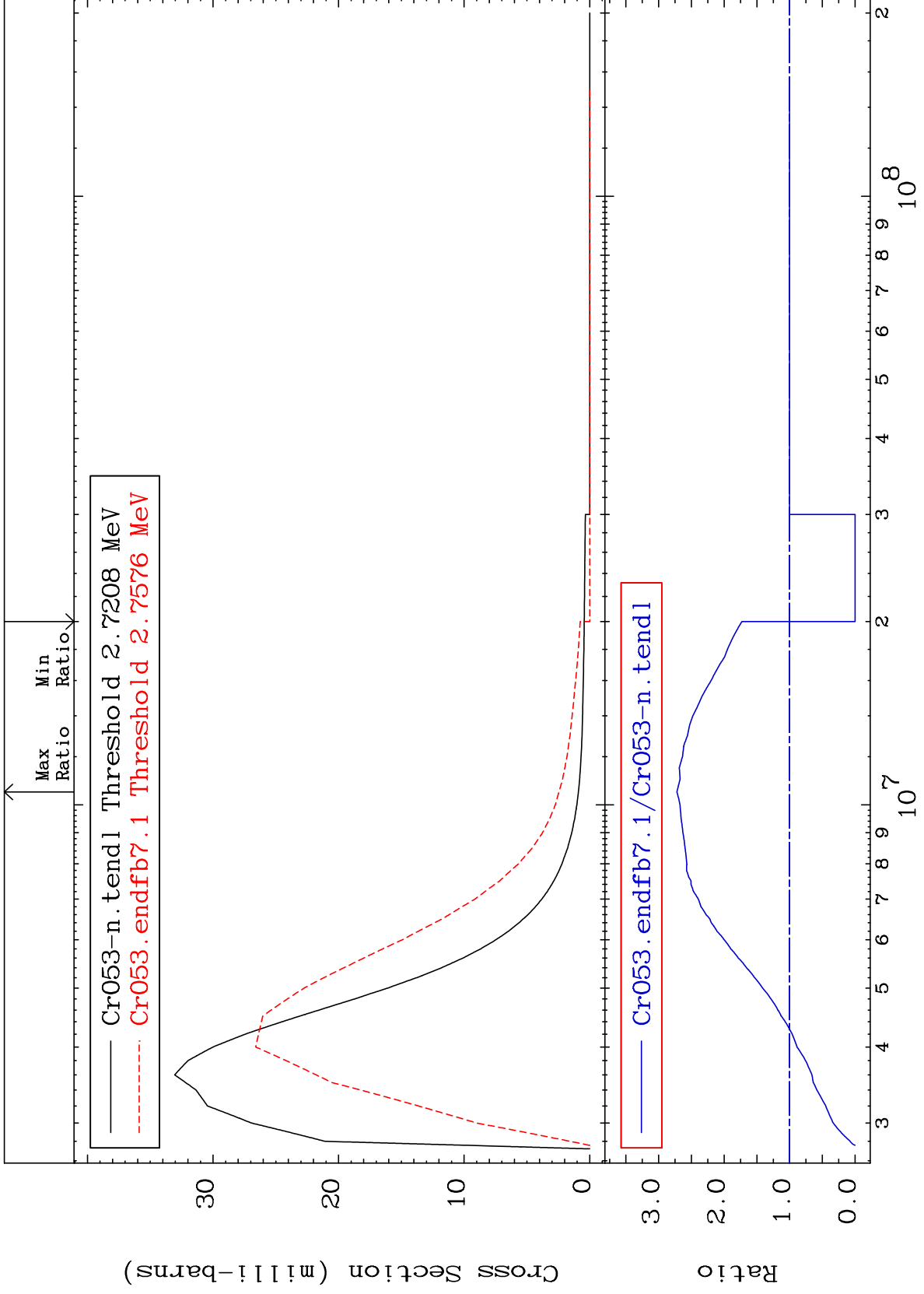
Incident Energy (eV)

24-Cr-53

MAT 2434

2.670 MeV (n,n') Level
Cross Section

²⁴Cr-53
-100.0 To 172.1 %



19

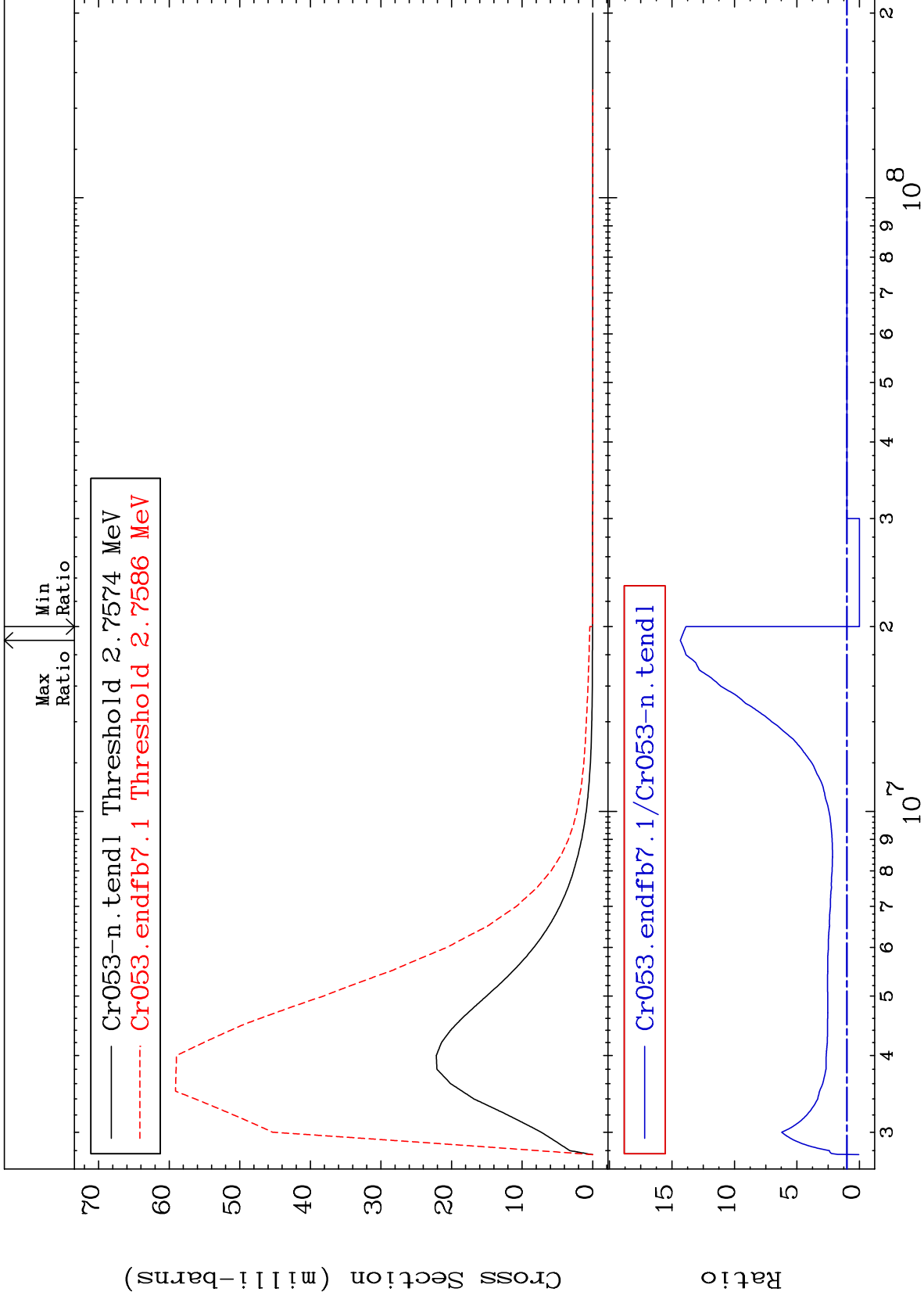
Incident Energy (eV)

²⁴Cr-53

MAT 2434

2.706 MeV (n,n') Level
Cross Section

²⁴Cr-53
-100.0 To 1333. %



20

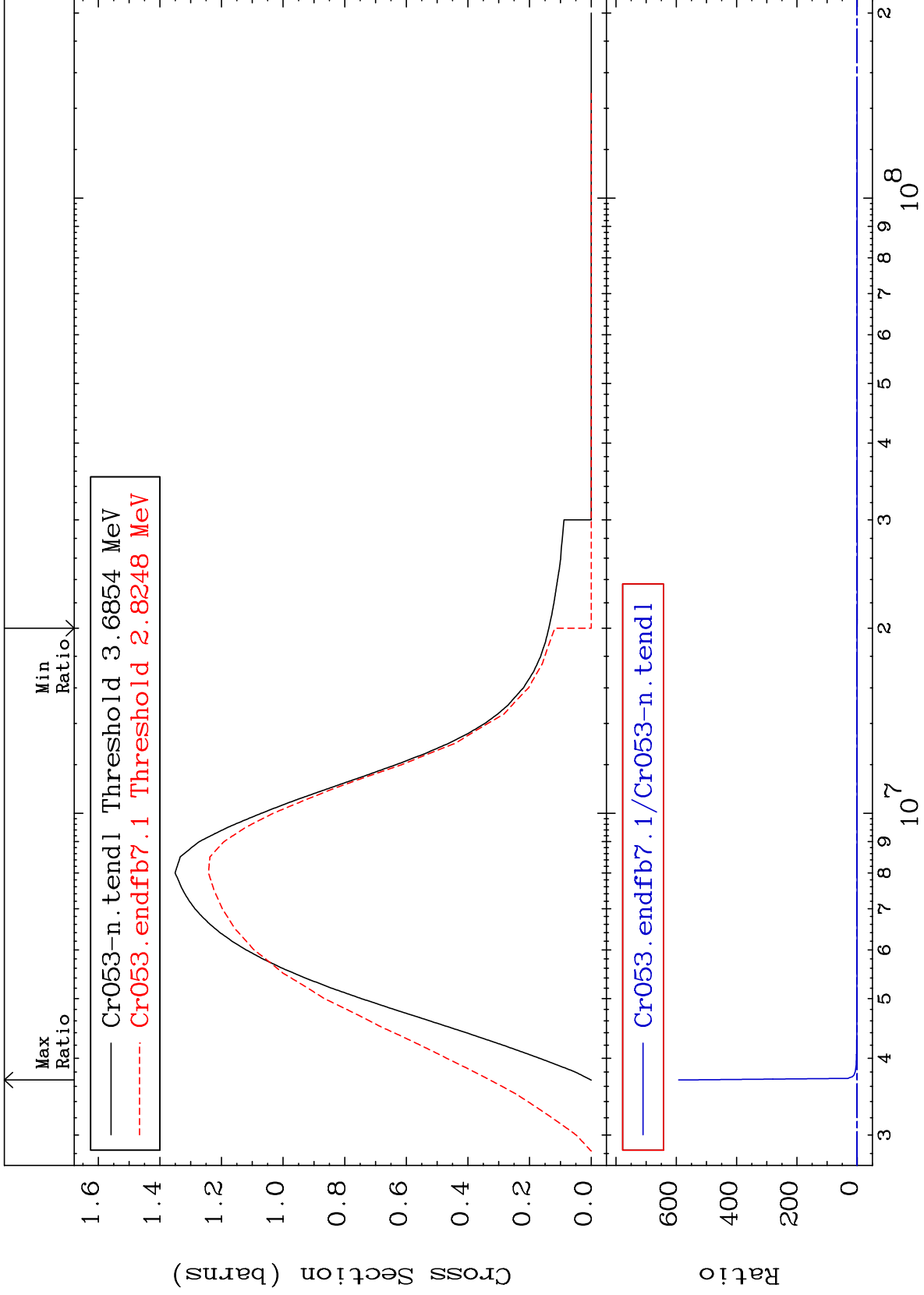
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n, n') Continuum
Cross Section

²⁴Cr-53
-100.0 To 9999. %



21

Incident Energy (eV)

²⁴Cr-53

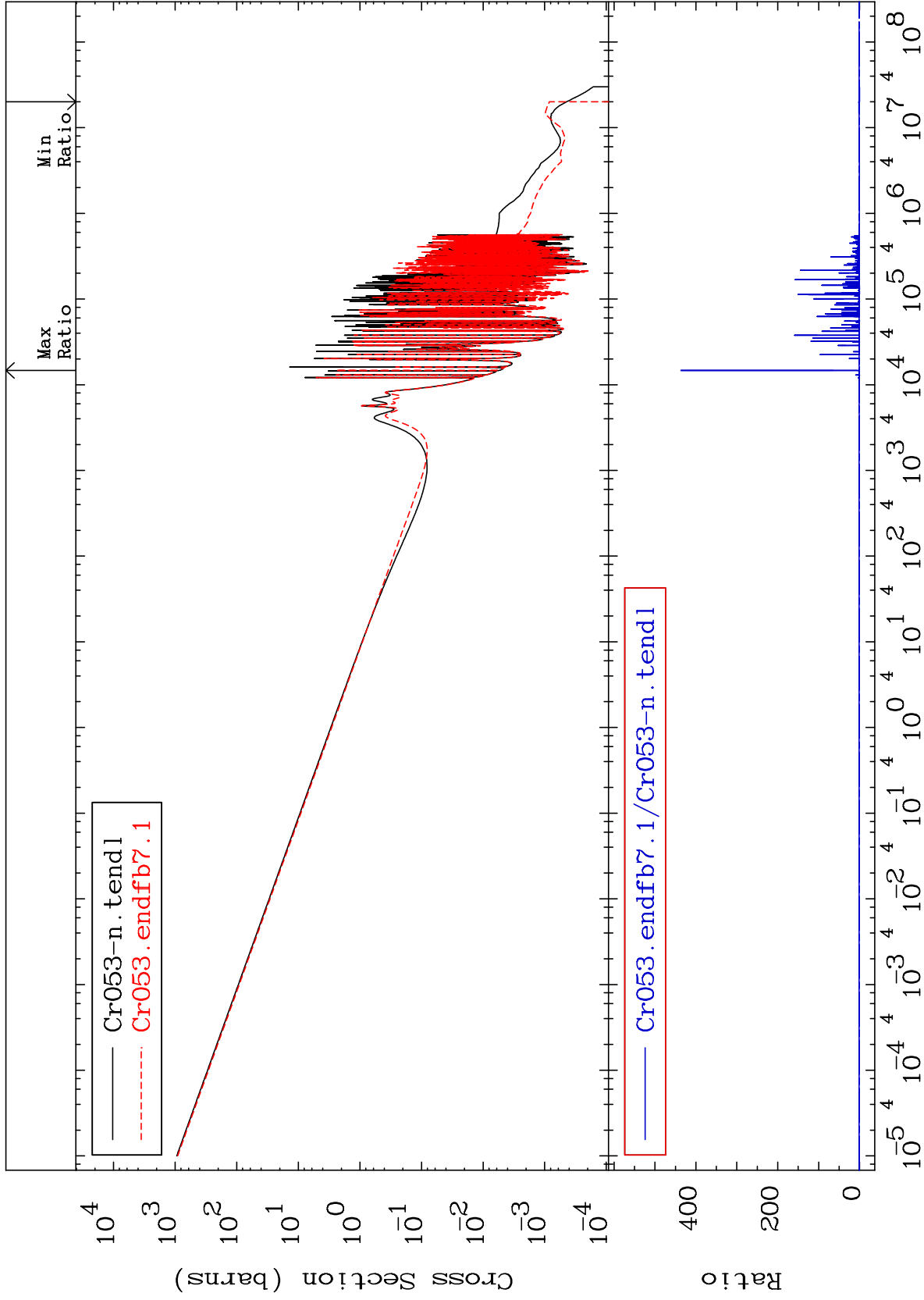
MAT 2434

(n, γ)

24-Cr-53

Cross Section

-100.0 To 9999. %



22

Incident Energy (eV)

24-Cr-53

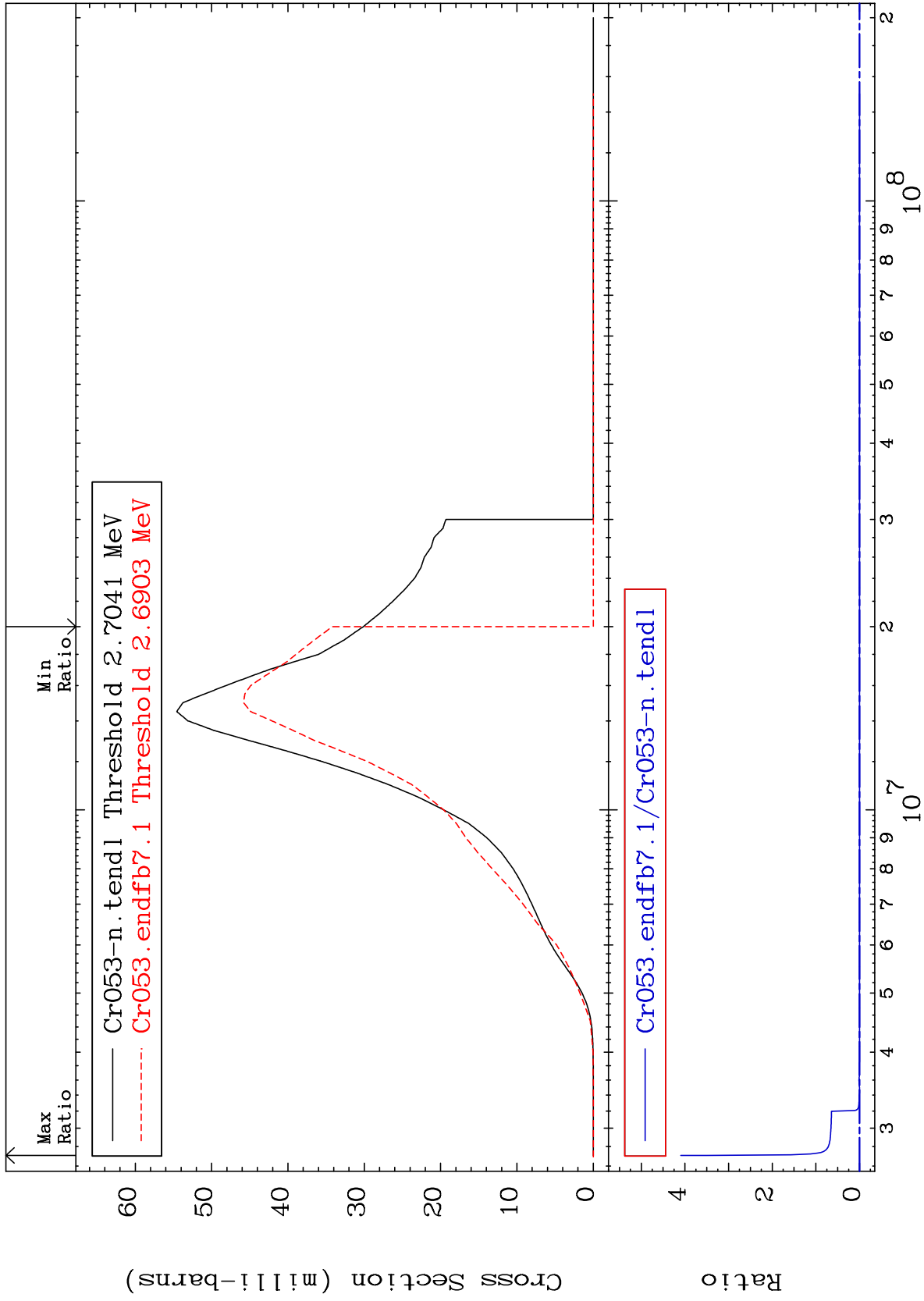
MAT 2434

(n,p)

²⁴Cr-53

Cross Section

-100.0 To 9999. %



23

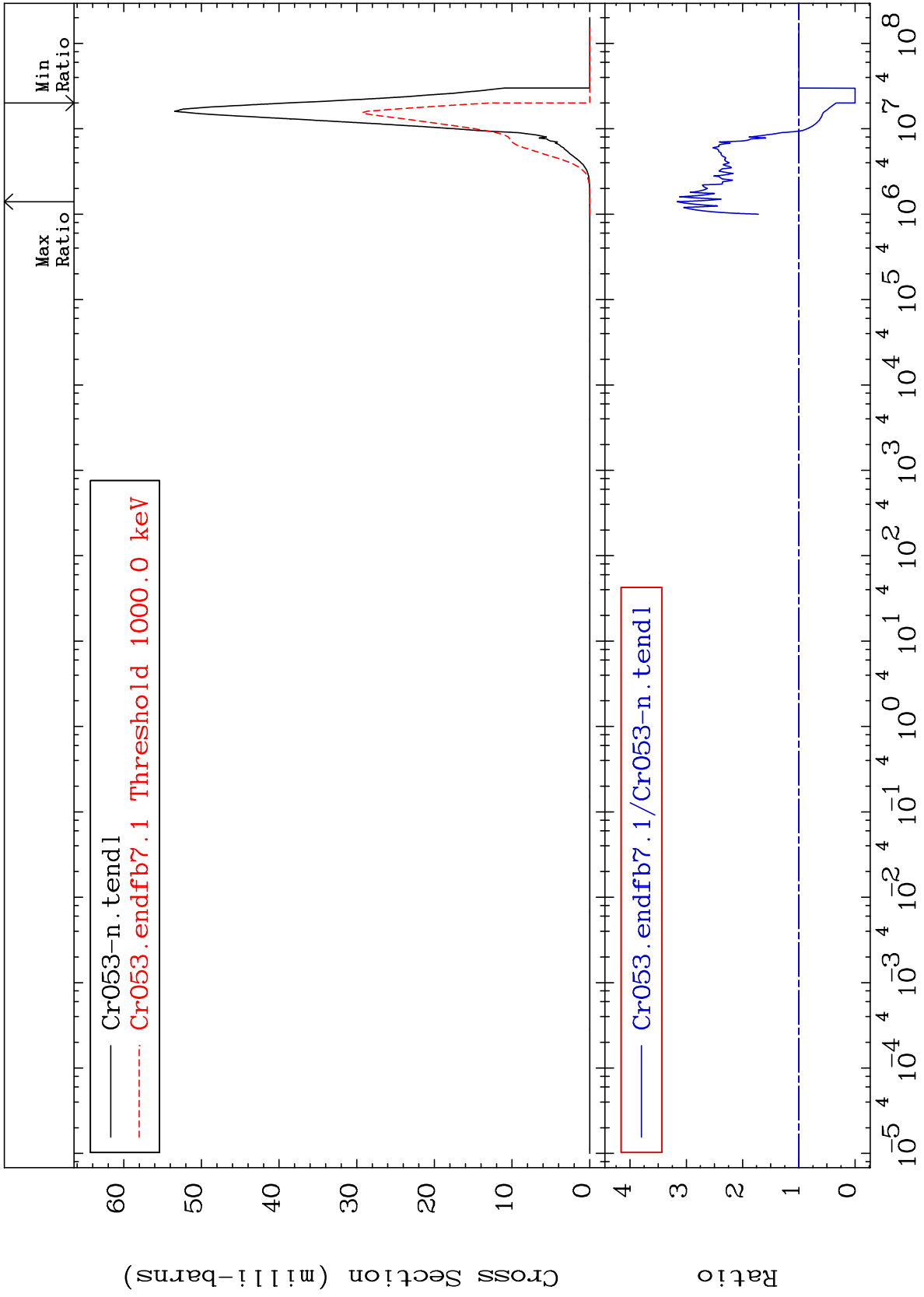
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n, α)
Cross Section

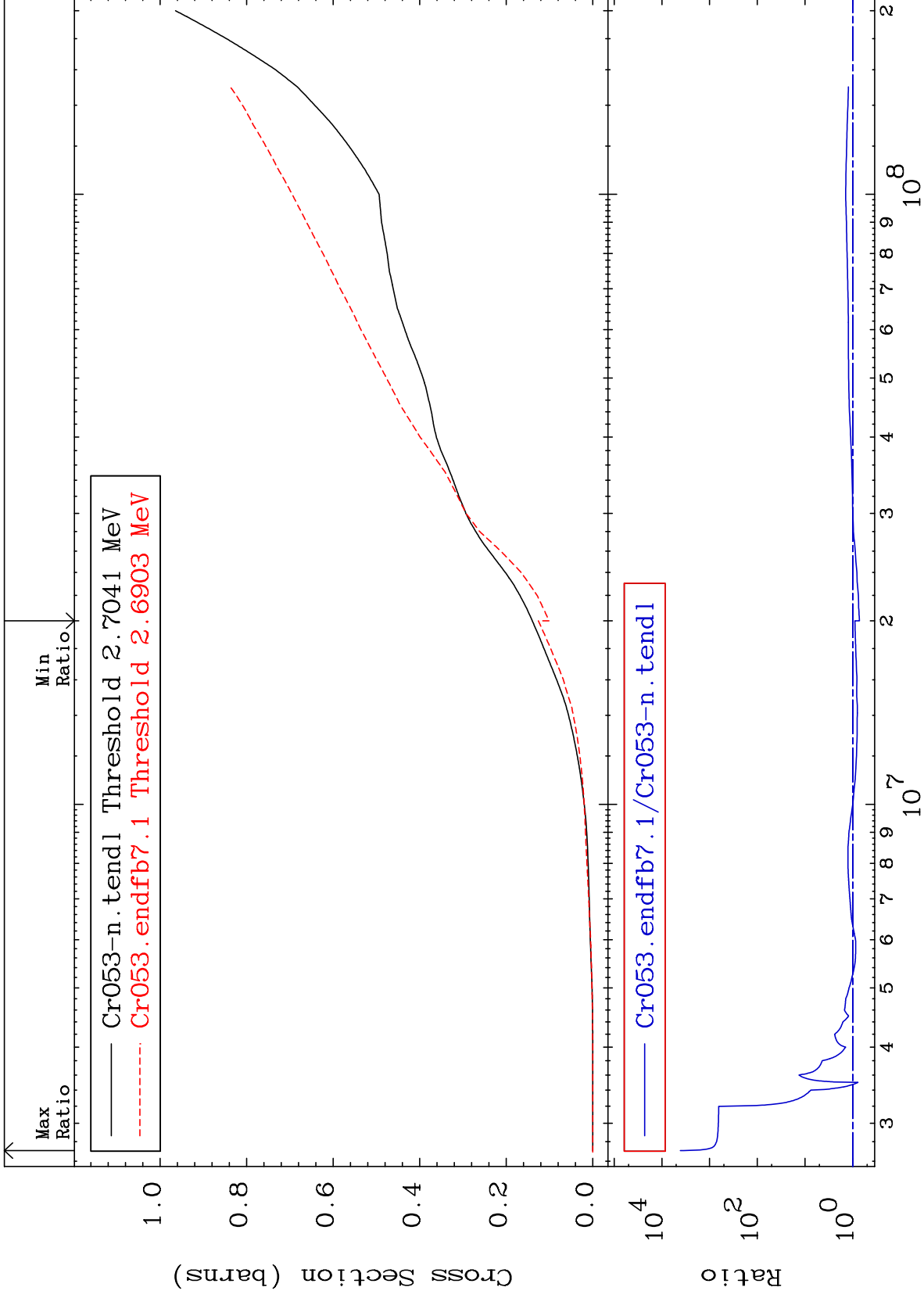
24-Cr-53
-100.0 To 216.7 %



24

Incident Energy (eV)

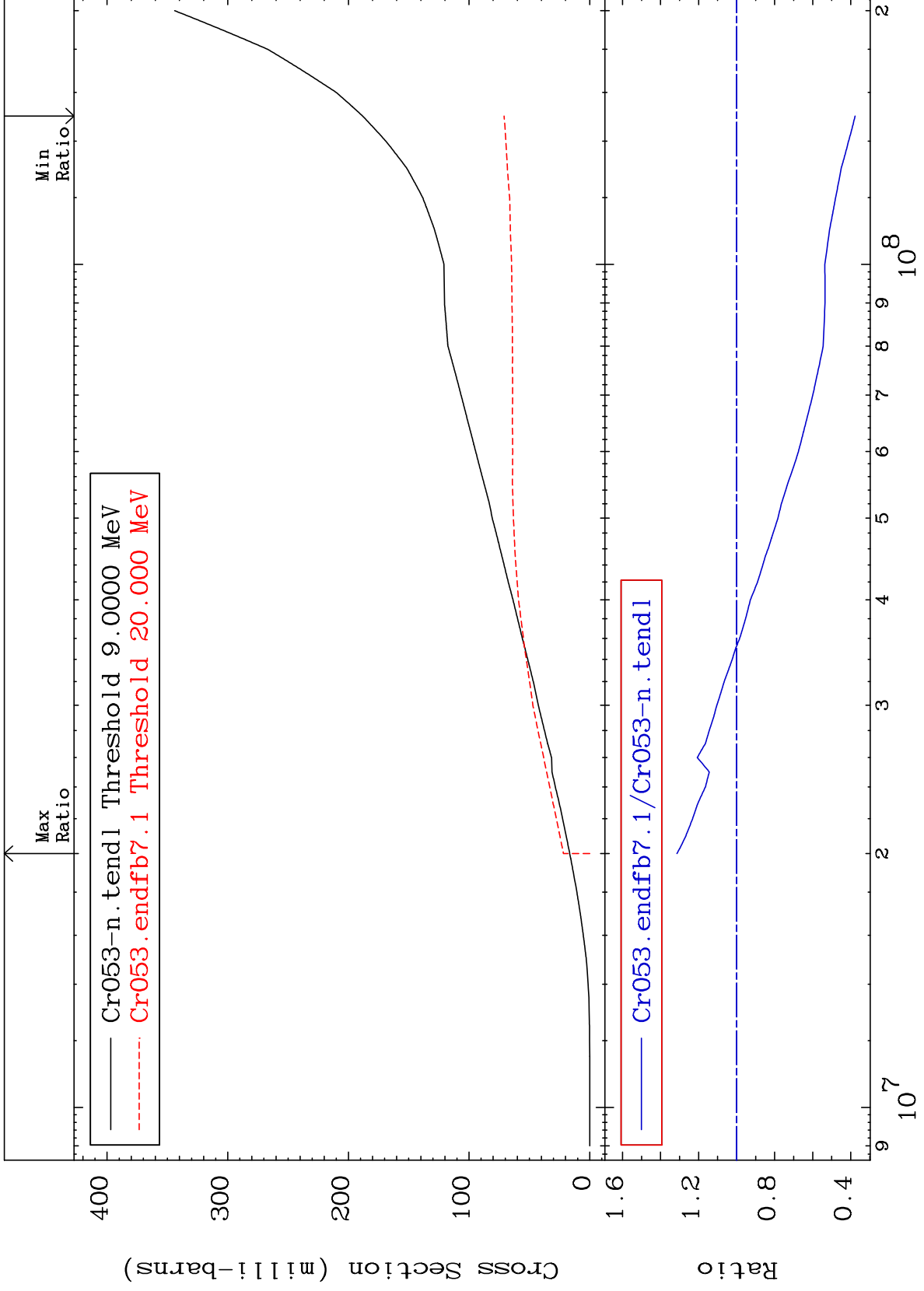
24-Cr-53



MAT 2434

Deuterium Production
Cross Section

$^{24}\text{Cr-53}$
-62.31 To 31.41 %



26

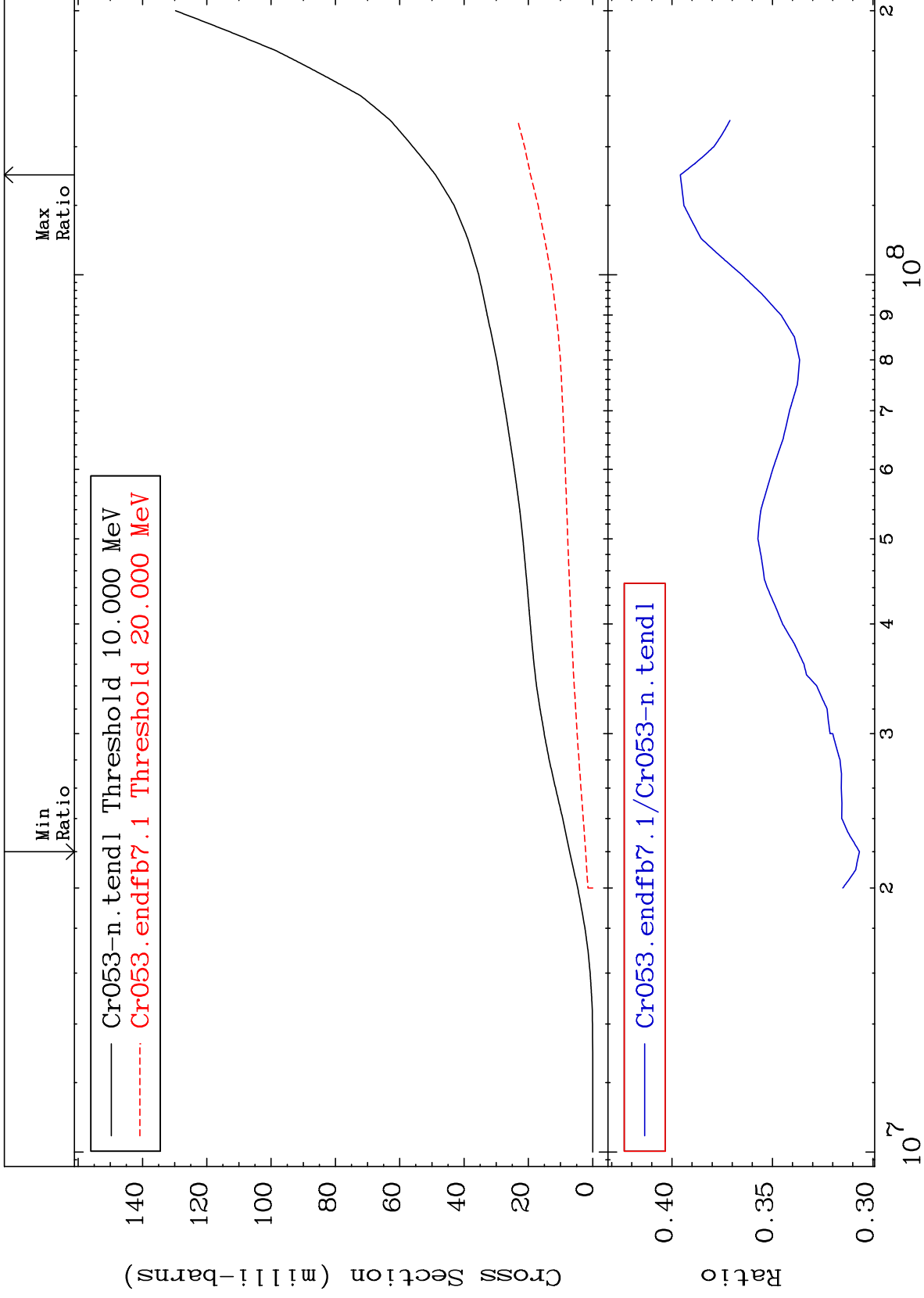
$^{24}\text{Cr-53}$

$^{24}\text{Cr-53}$

MAT 2434

Tritium Production
Cross Section

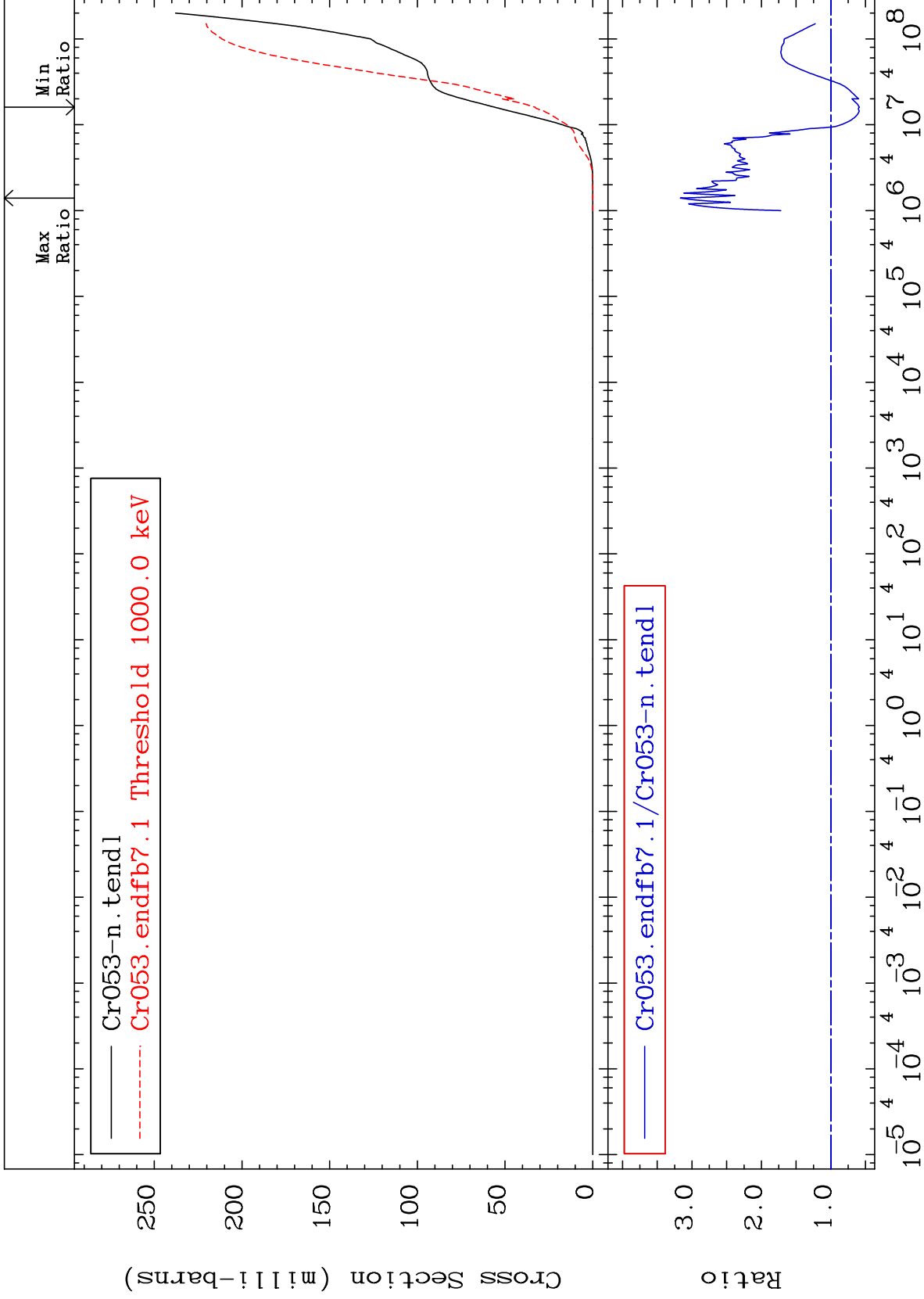
$^{24}\text{Cr-53}$
-69.33 To -60.42%

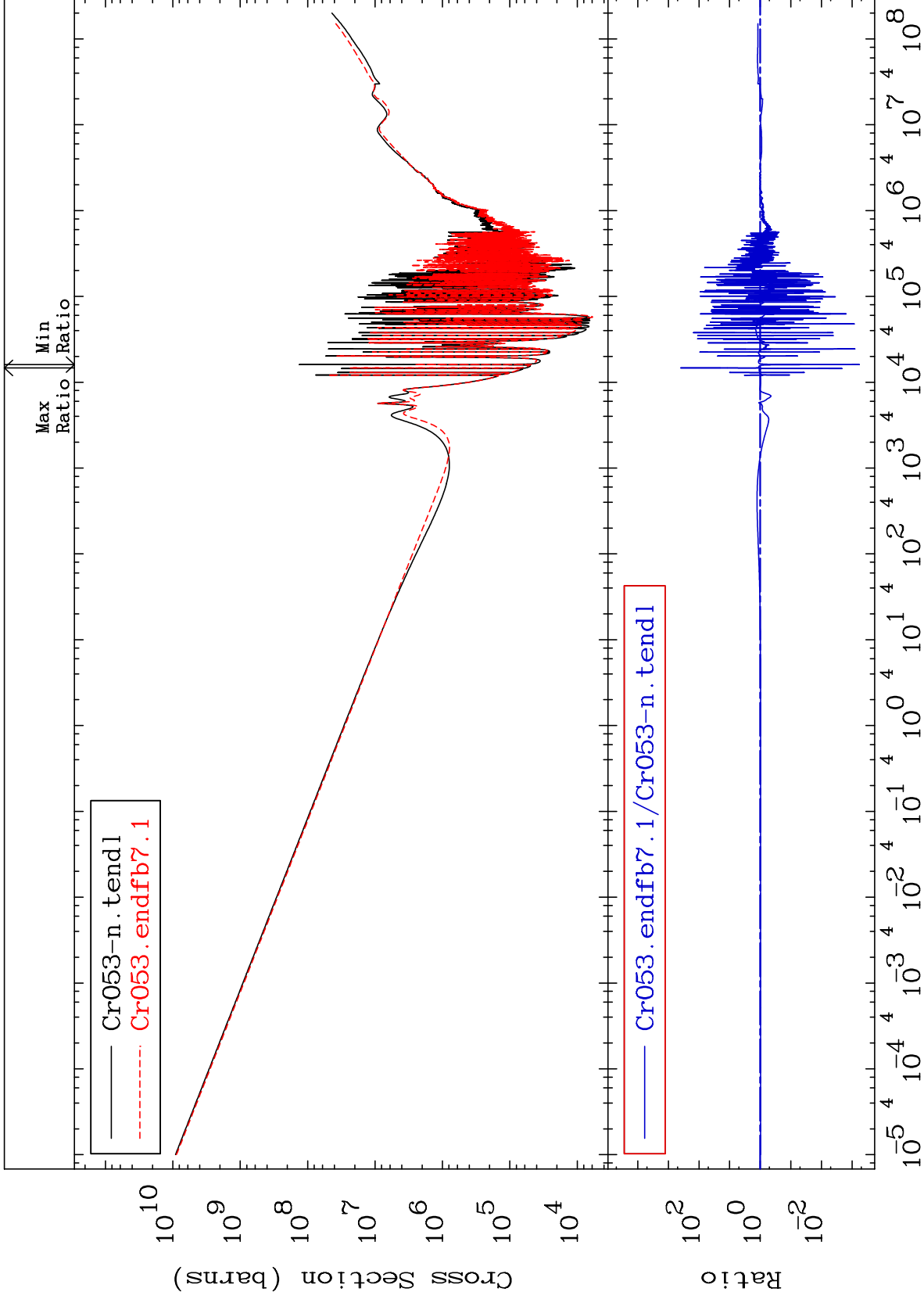


27

Incident Energy (eV)

$^{24}\text{Cr-53}$

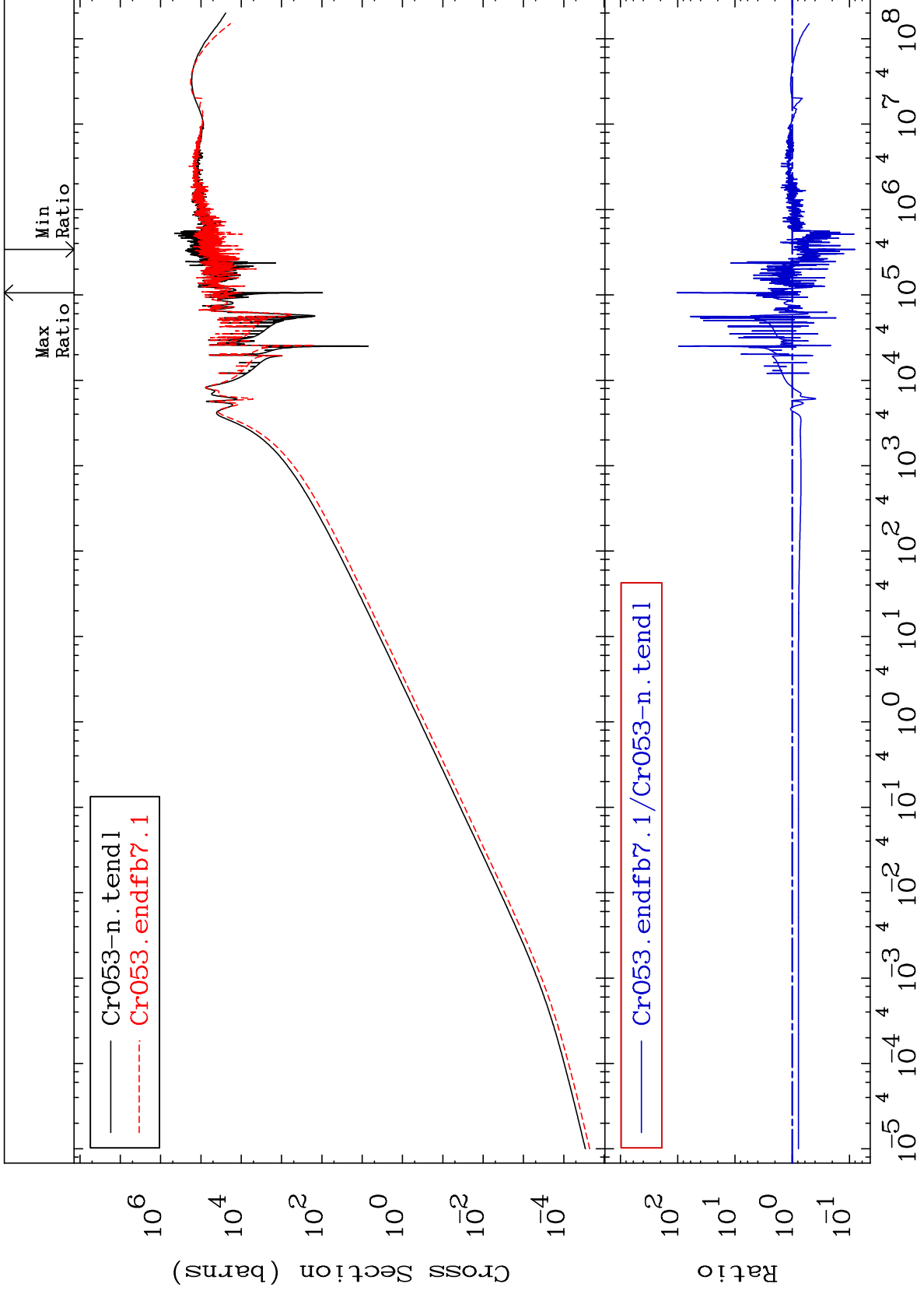




MAT 2434

Kerma elastic
Cross Section

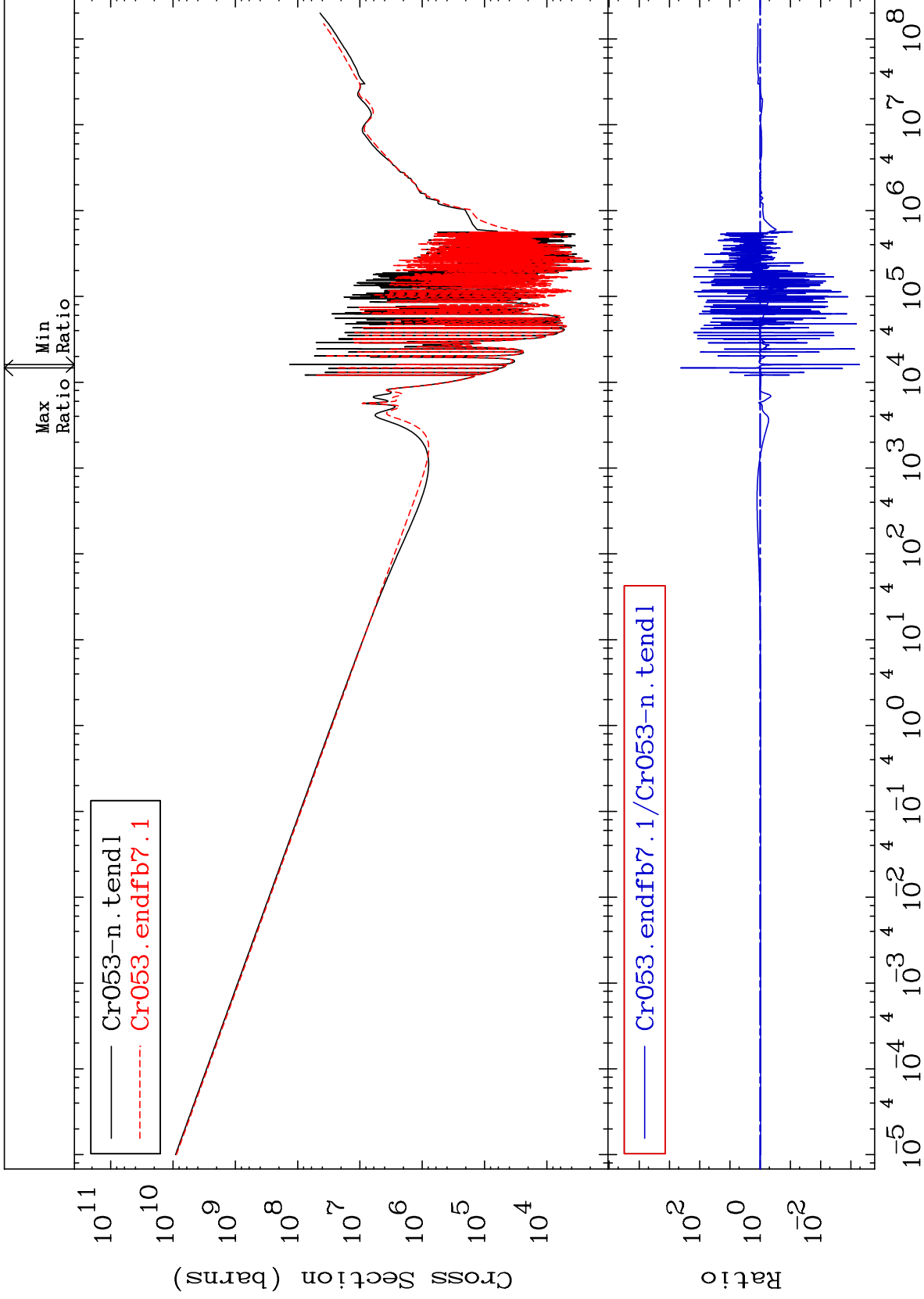
24-Cr-53
-92.01 To 9999. %



MAT 2434

Kerma non-elastic (all but mt2)
Cross Section

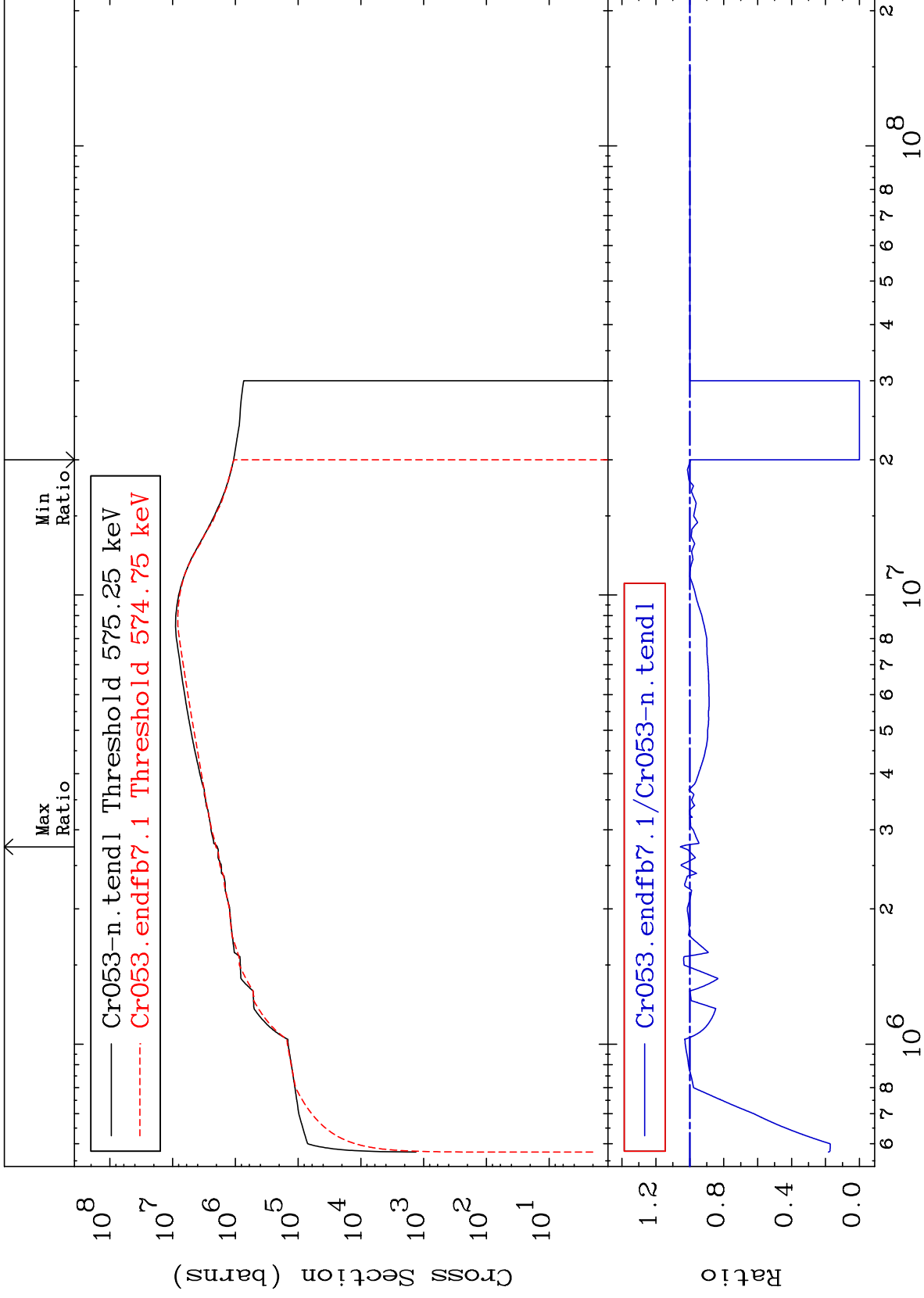
24-Cr-53
-99.95 To 9999. %



MAT 2434

Kerma inelastic (mt51-91)
Cross Section

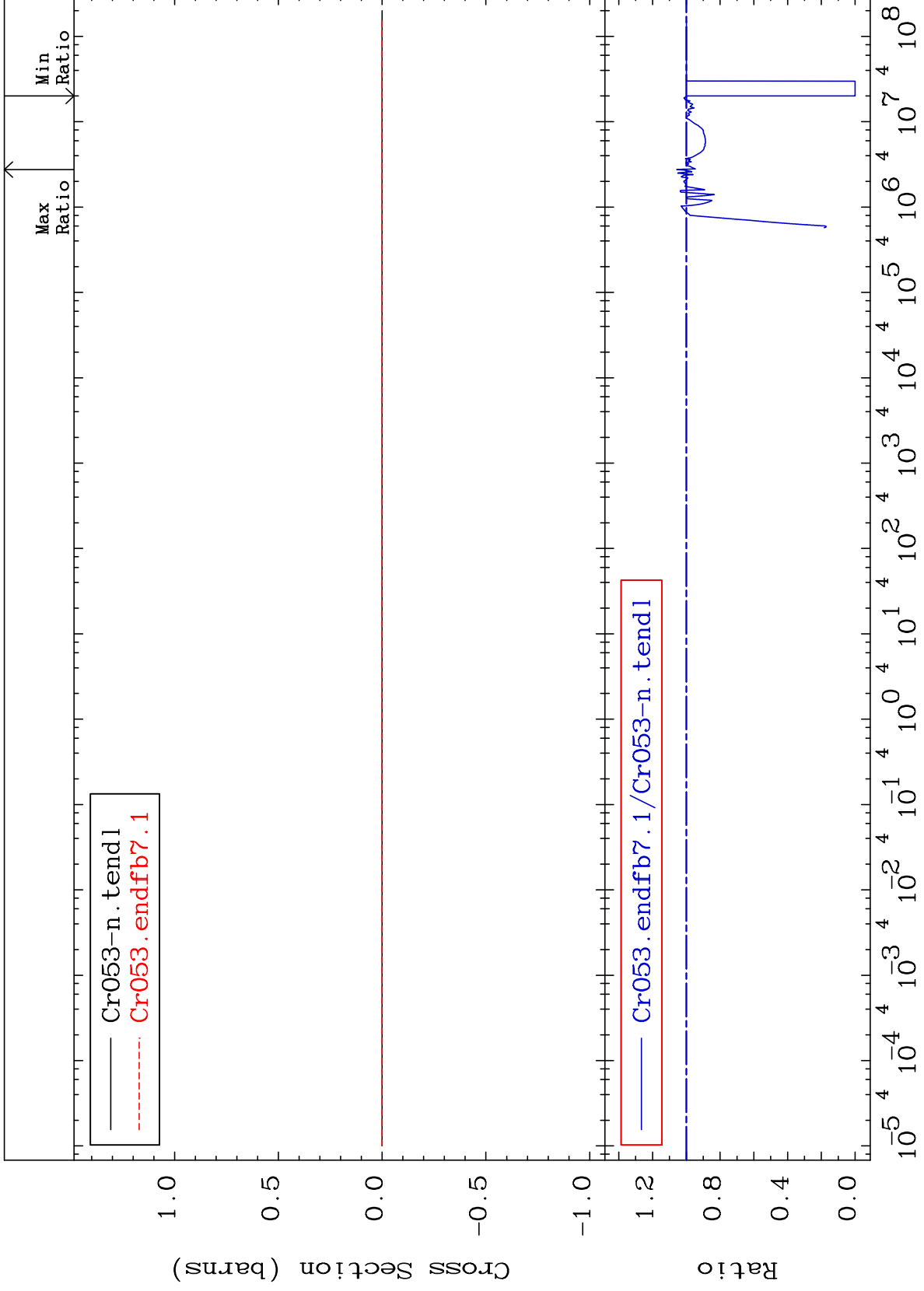
24-Cr-53
-100.0 To 5.570 %



MAT 2434

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

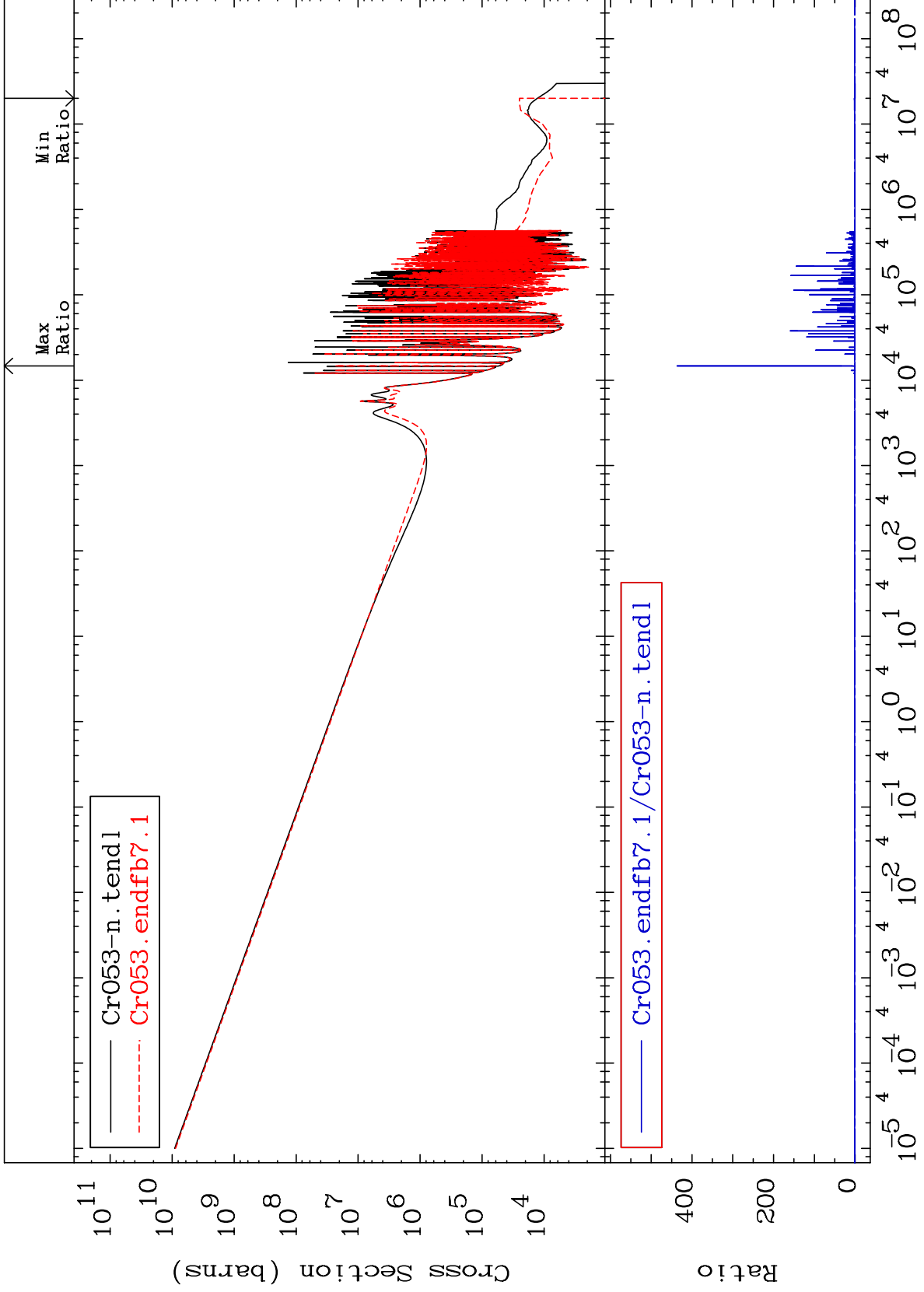
24-Cr-53
-100.0 To 5.570 %

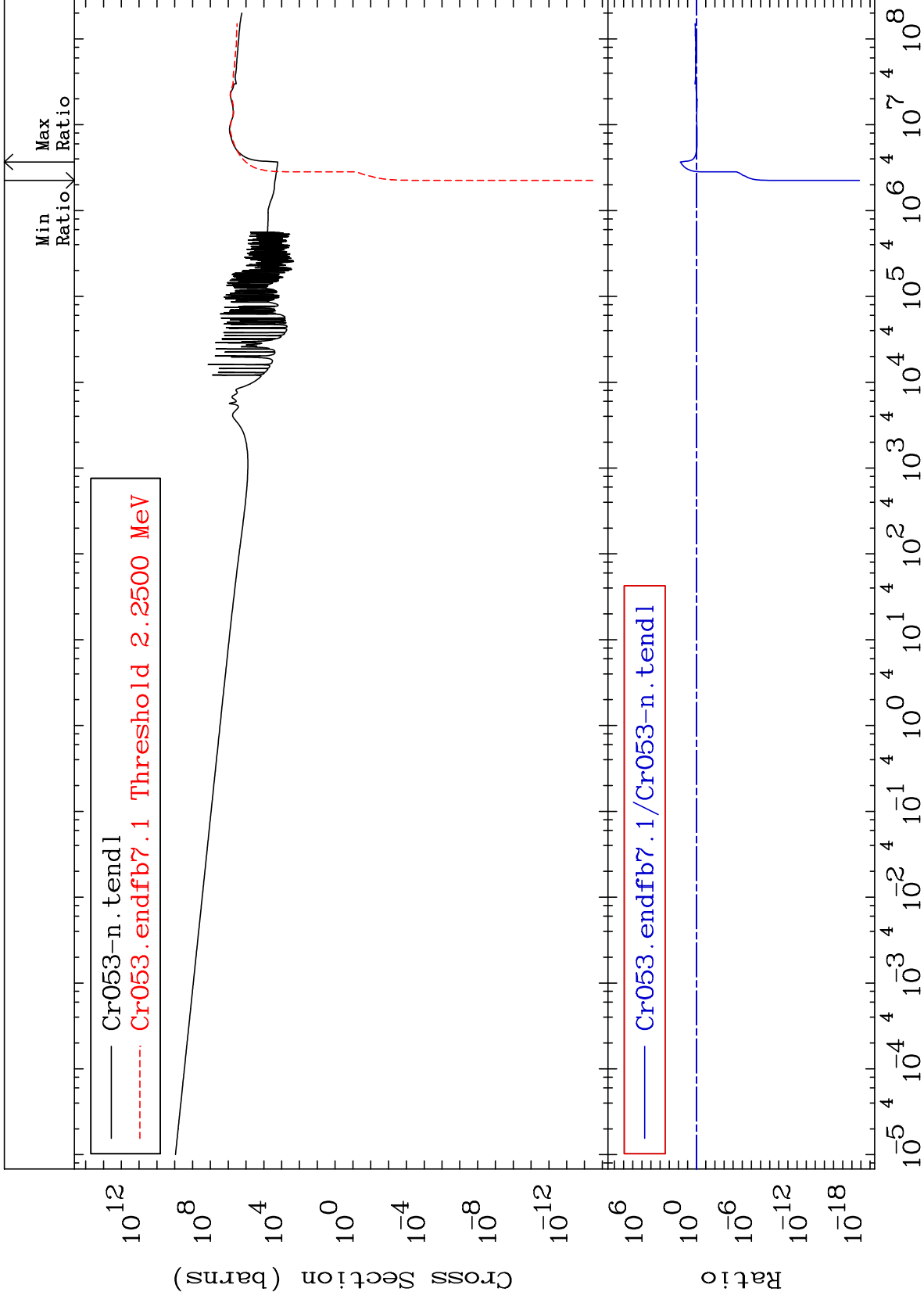


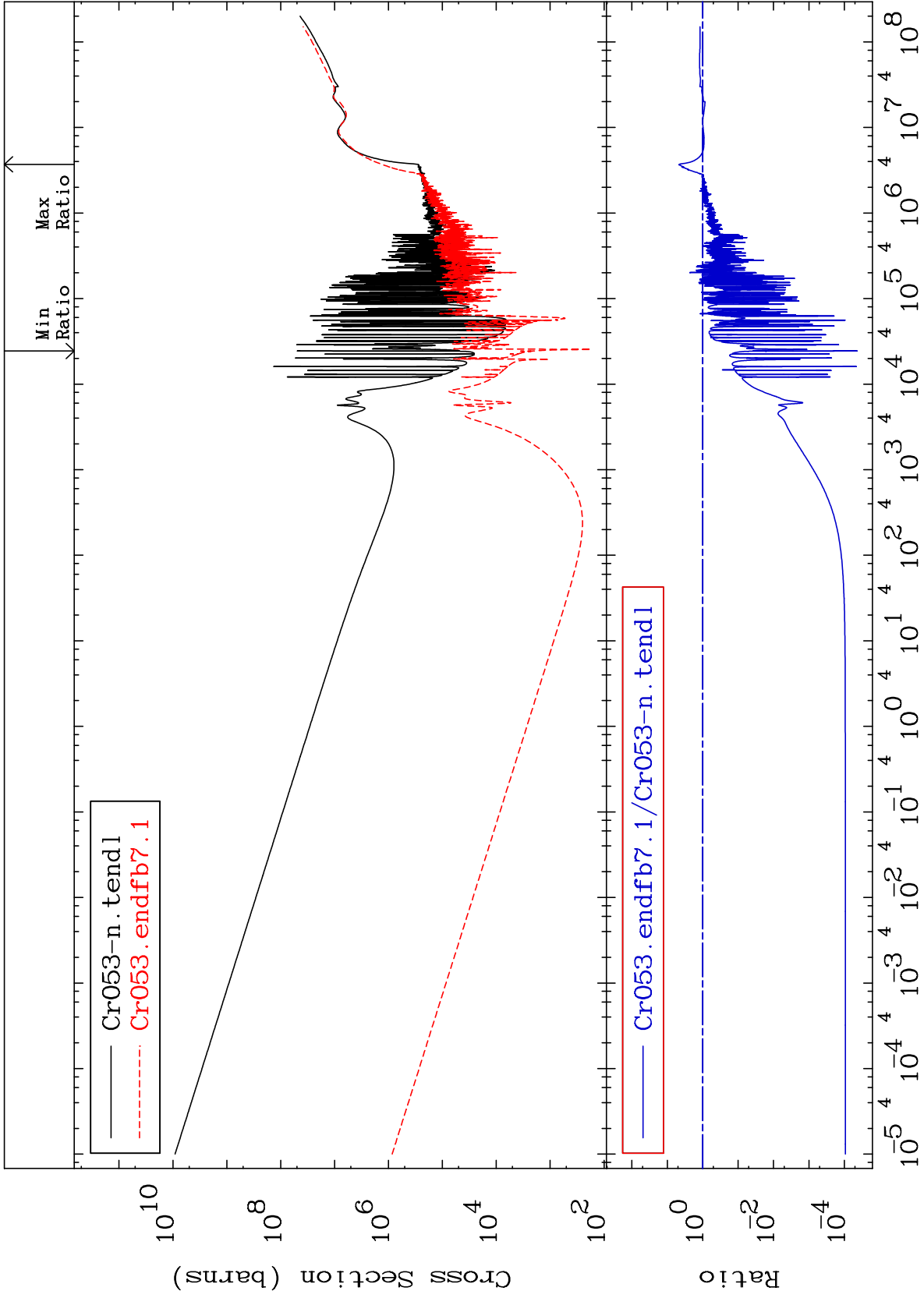
MAT 2434

Kerma capture (mt102)
Cross Section

24-Cr-53
-100.0 To 9999. %



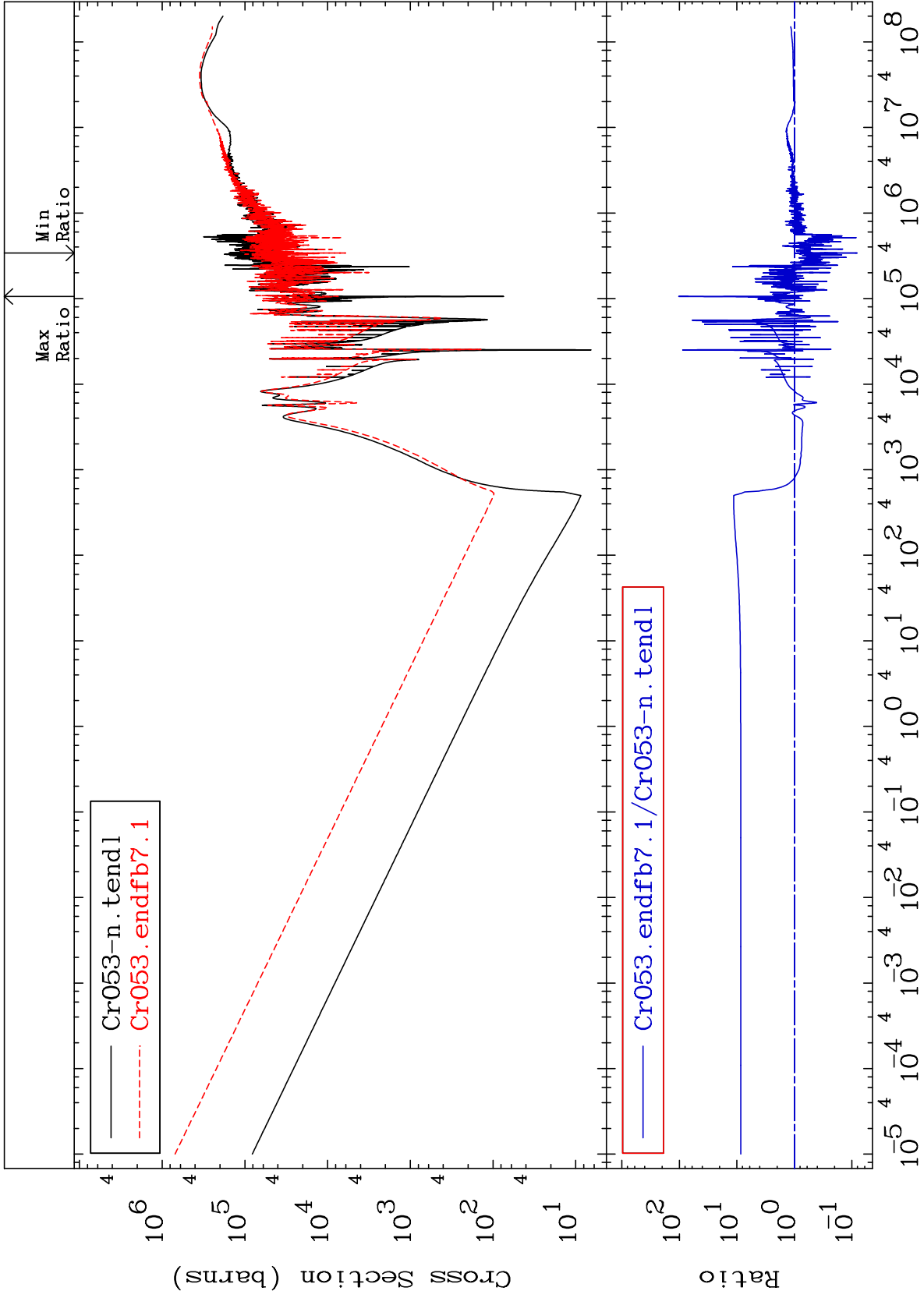


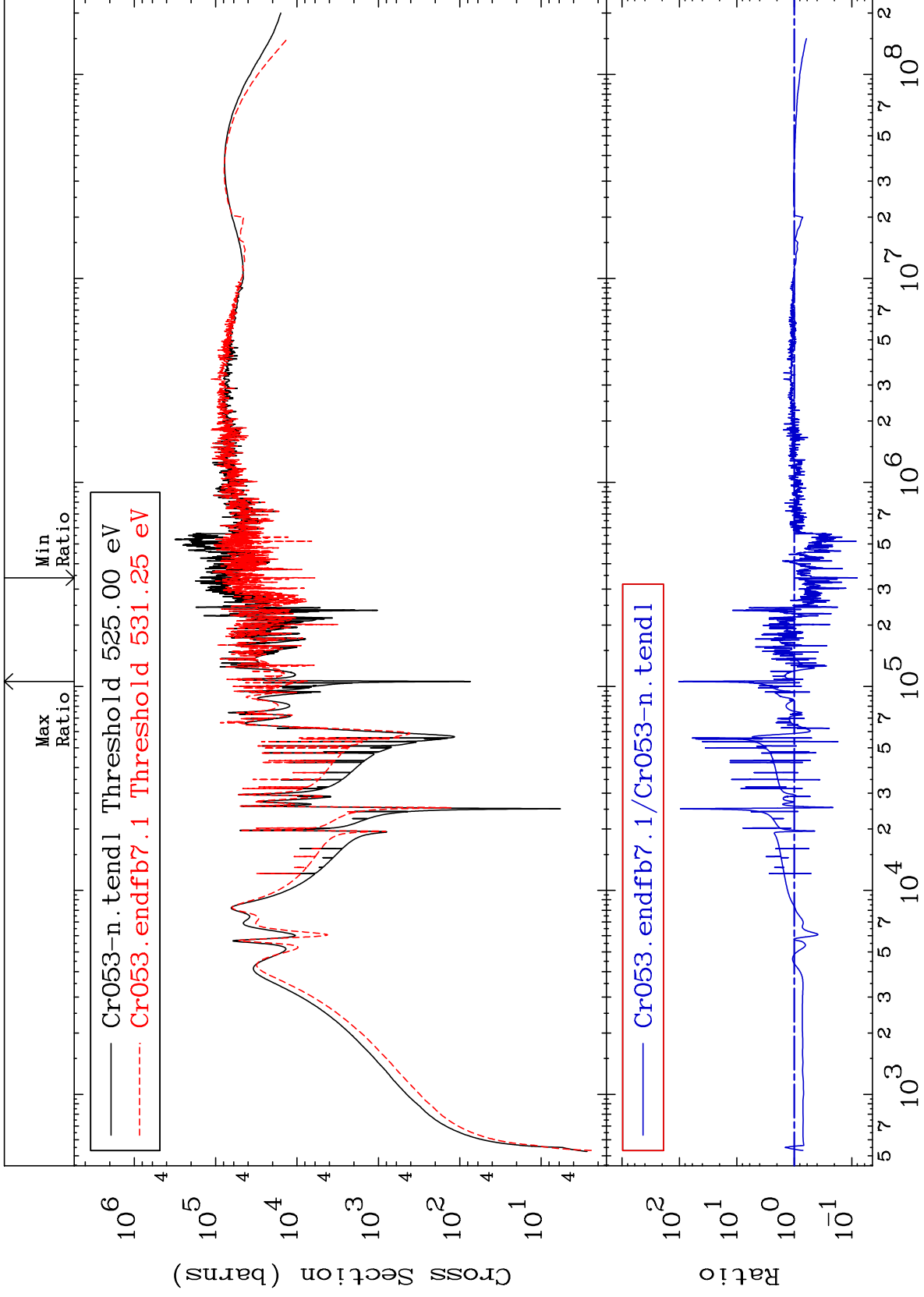


MAT 2434

Dpa total (eV-barns)
Cross Section

24-Cr-53
-91.93 To 9999. %

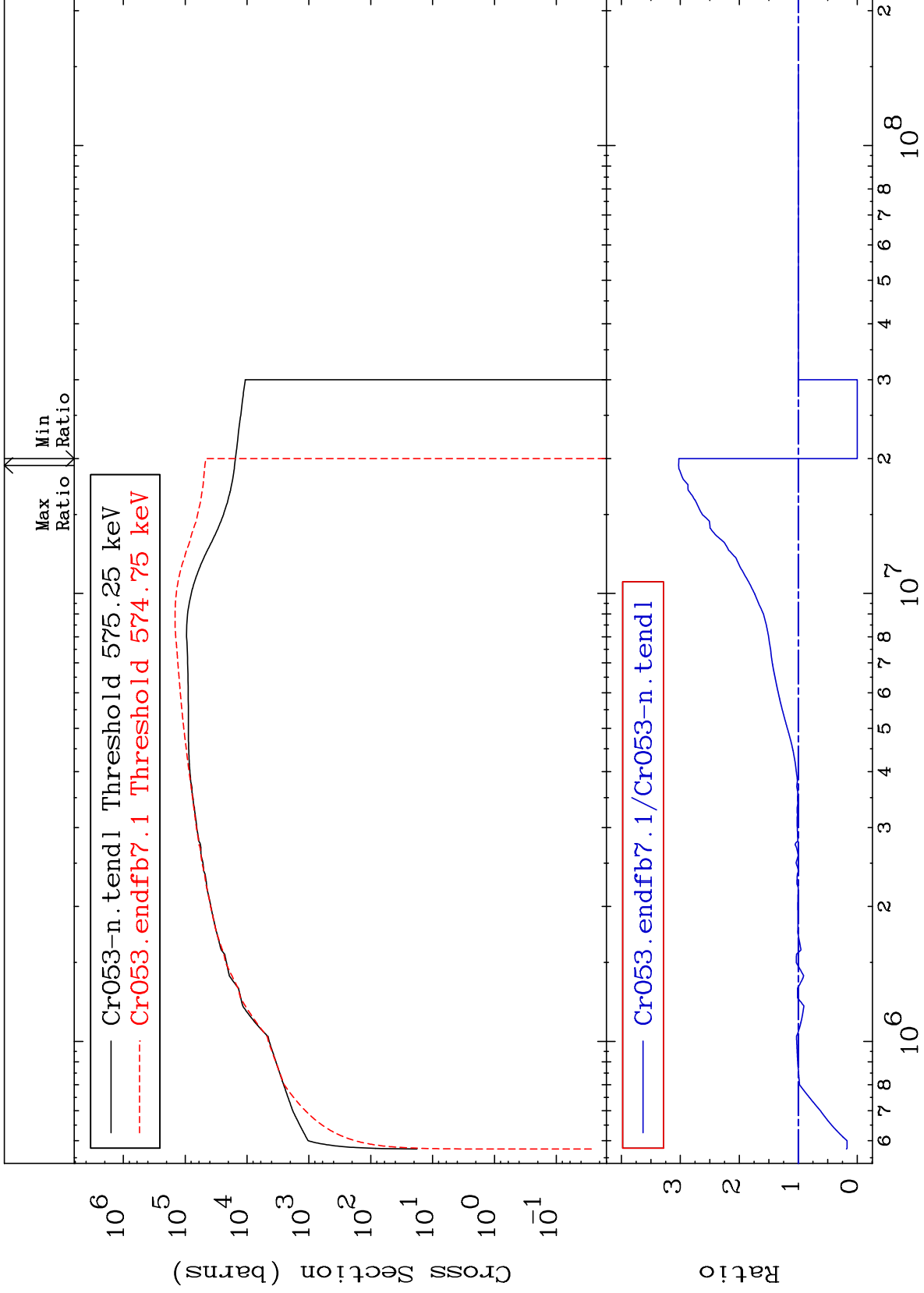




MAT 2434

Dpa inelastic (mt51-91)
Cross Section

24-Cr-53
-100.0 To 202.9 %



39

Incident Energy (eV)

24-Cr-53

MAT 2434

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-53
-100.0 To 9999. %

