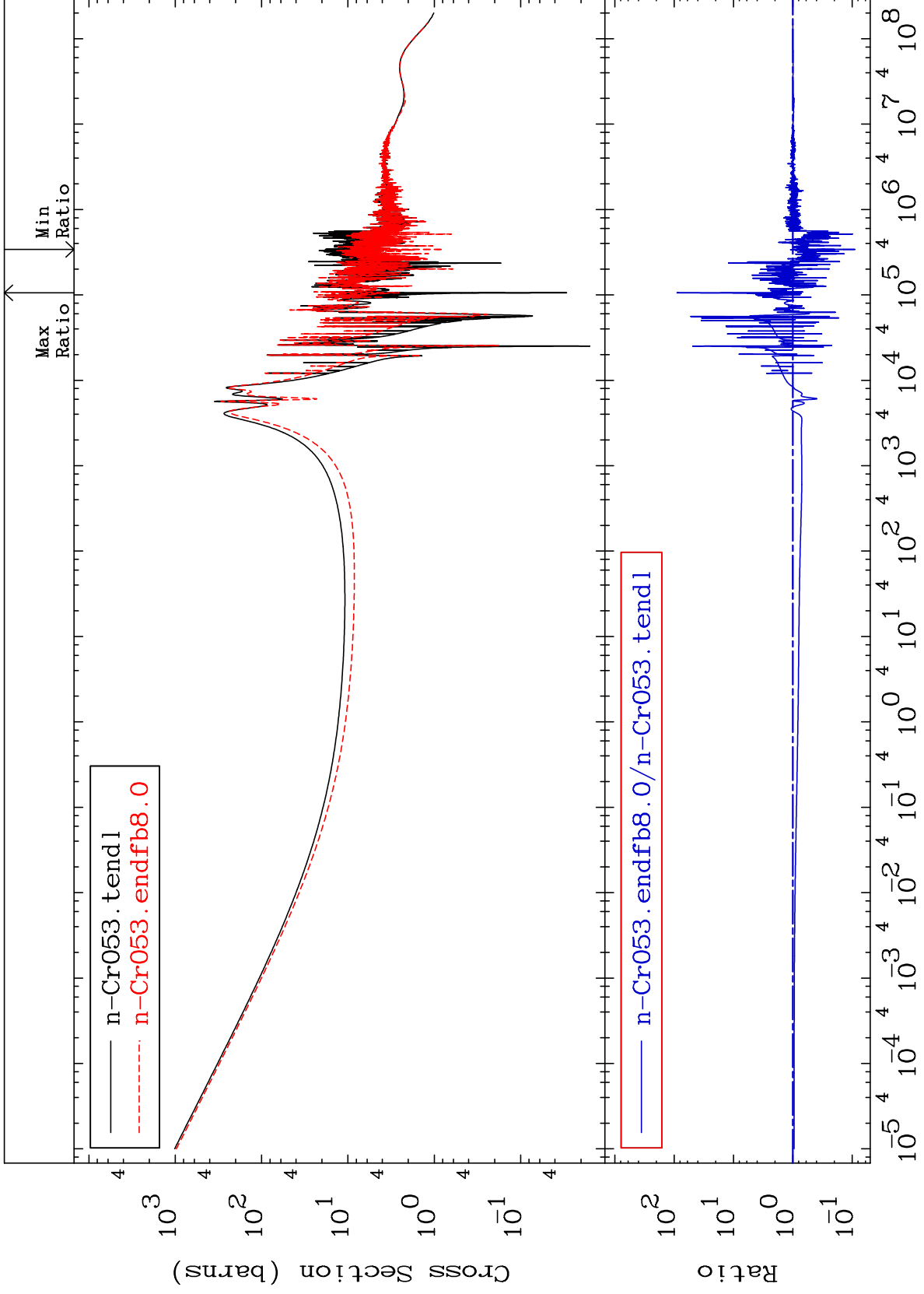


MAT 2434

Total
Cross Section

24-Cr-53
-91.05 To 8916. %



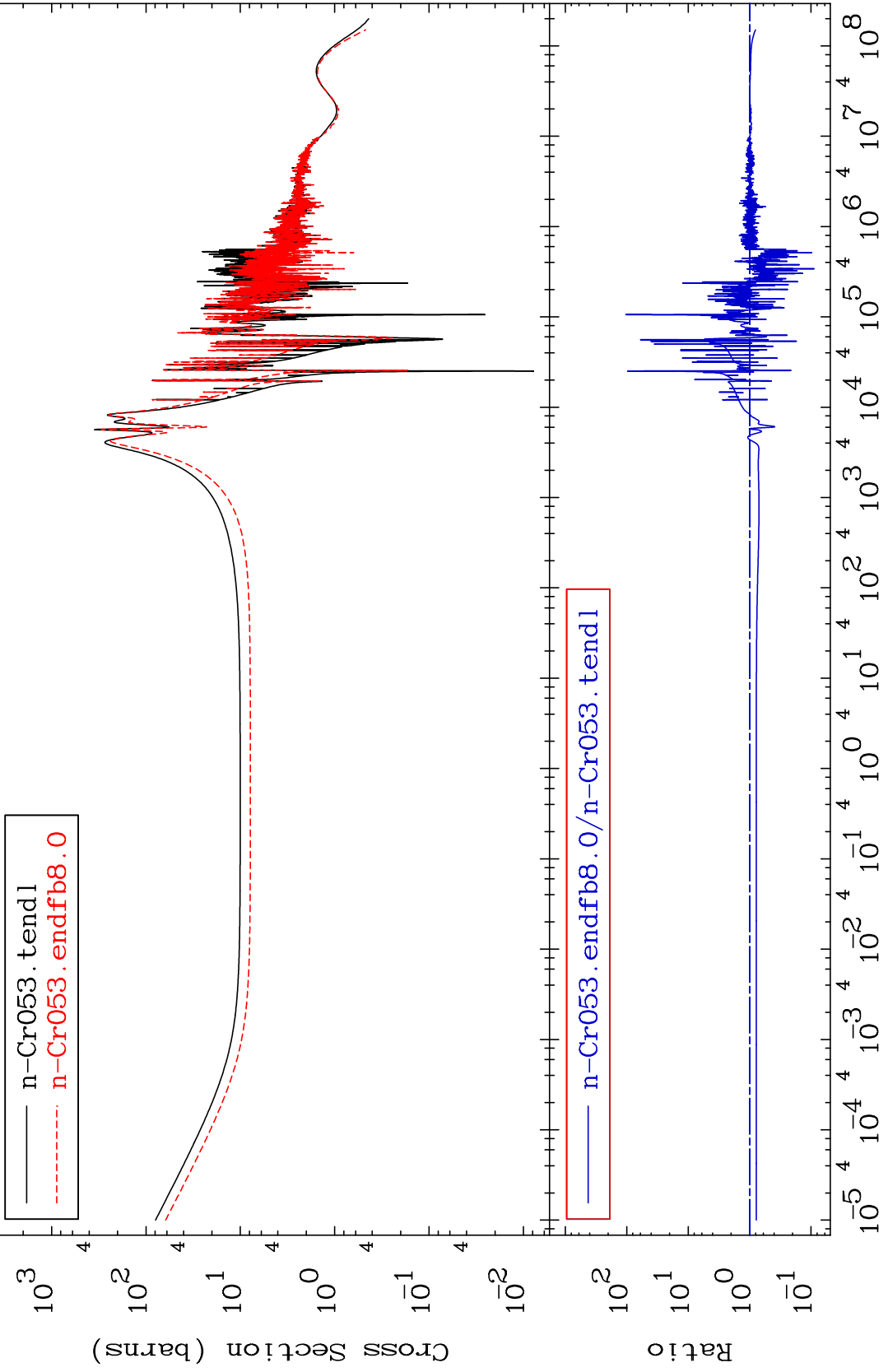
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic
Cross Section

24-Cr-53
-91.13 To 9999. %



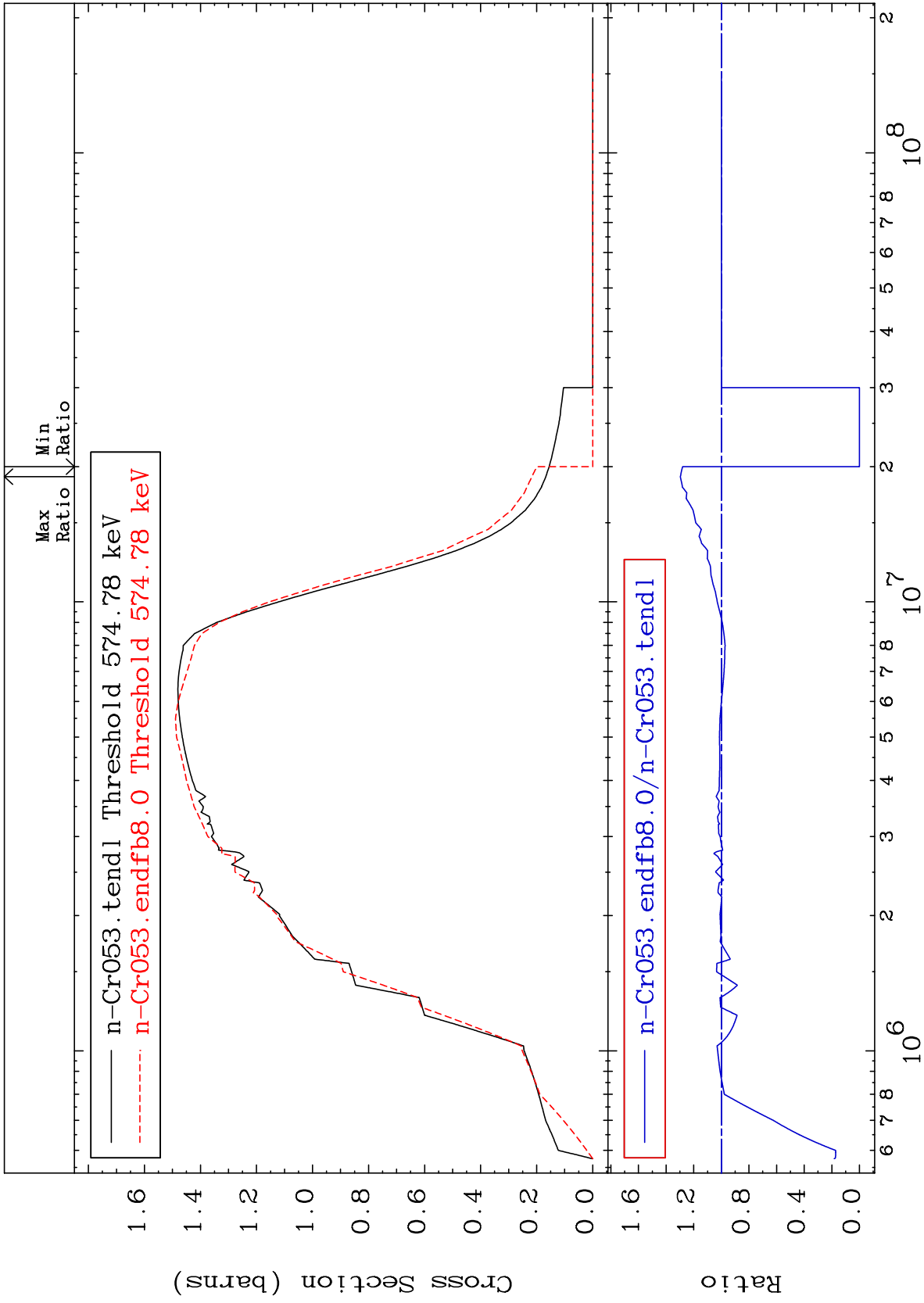
Incident Energy (eV)

24-Cr-53

MAT 2434

Inelastic
Cross Section

²⁴Cr-53
-100.0 To 29.69 %



3

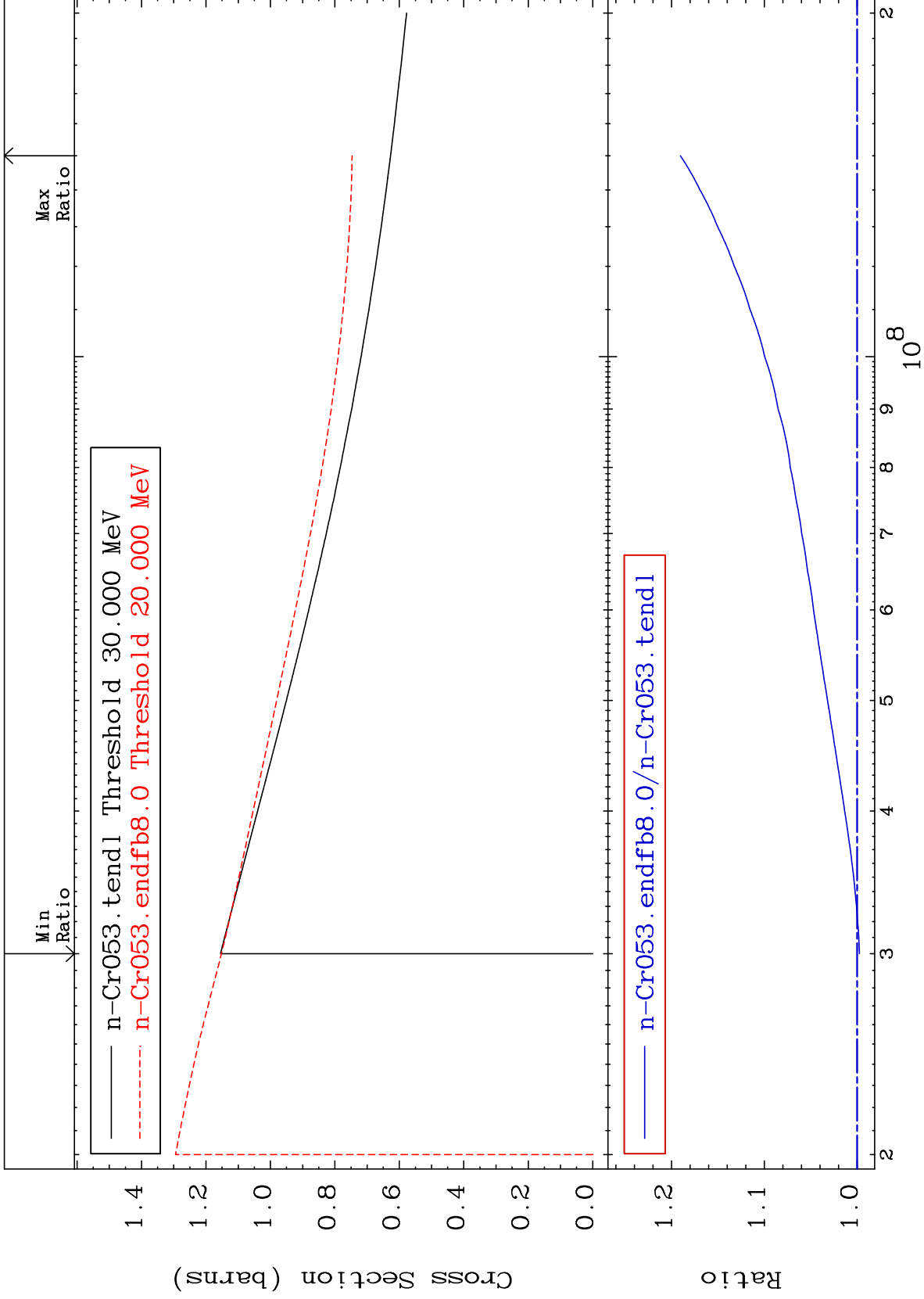
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n, remainder)
Cross Section

24-Cr-53
-0.248 To 19.05 %



4

Incident Energy (eV)

24-Cr-53

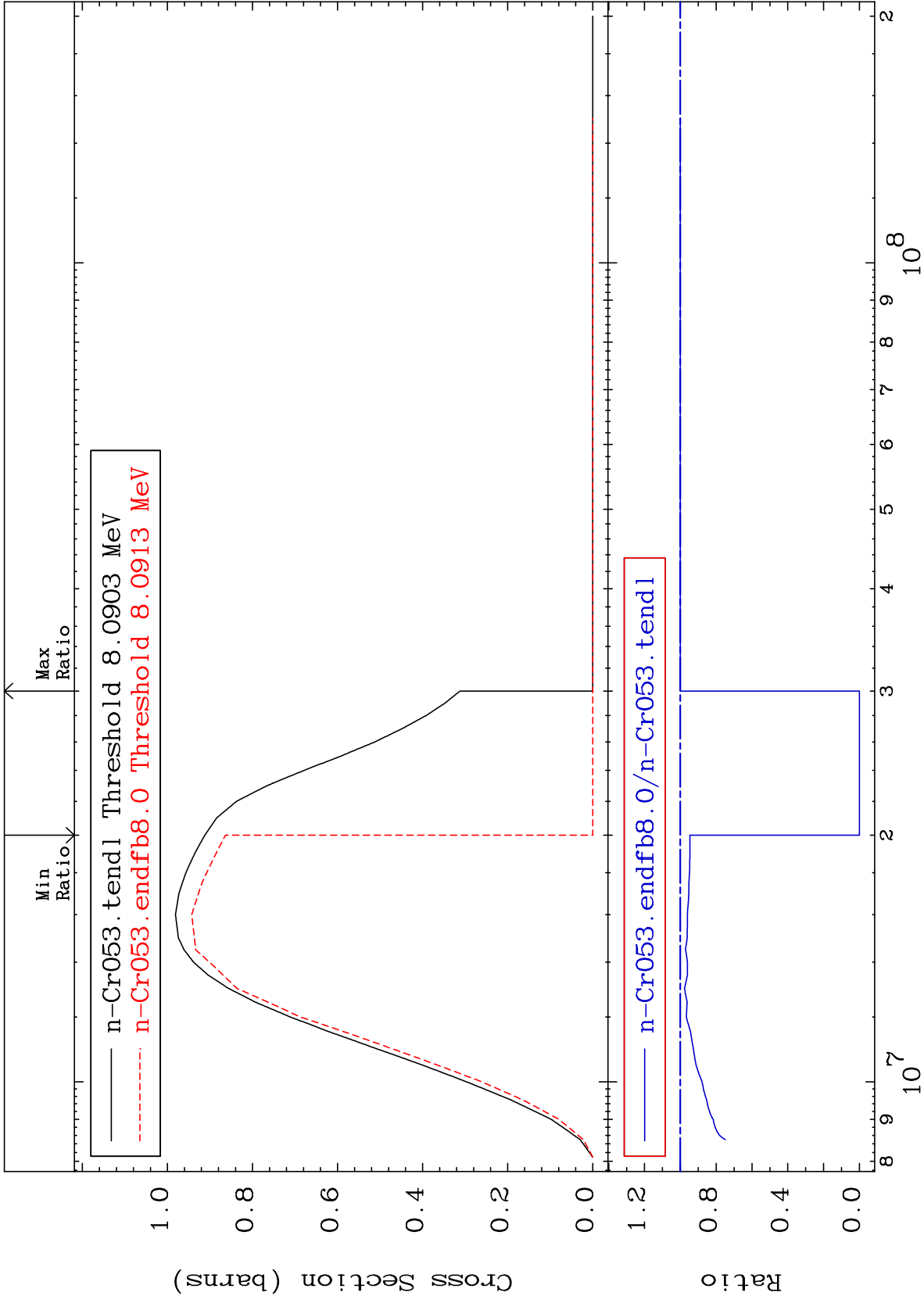
MAT 2434

(n,2n)

²⁴Cr-53

Cross Section

-100.0 To 0.000 %



5

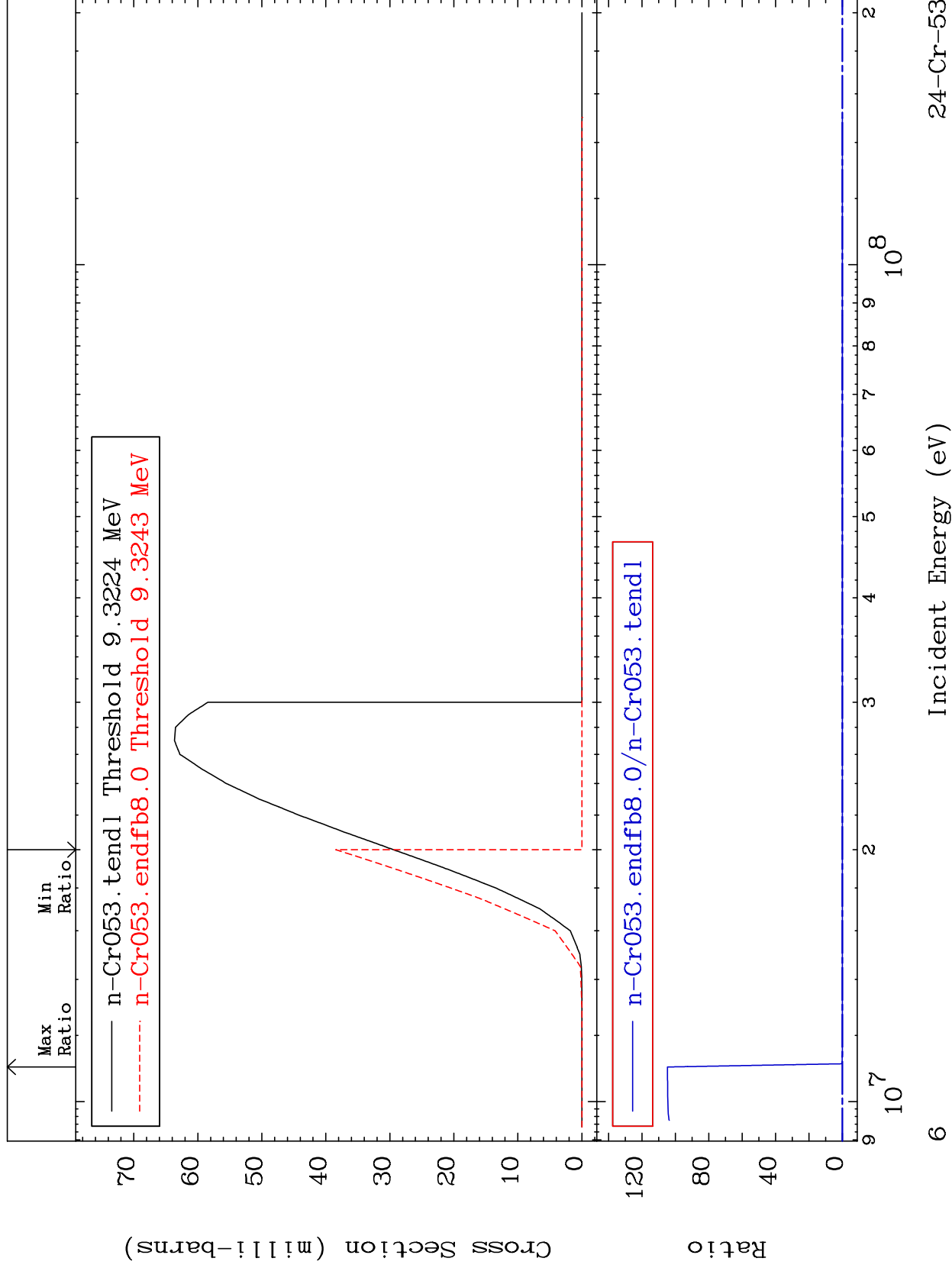
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n,n') α
Cross Section

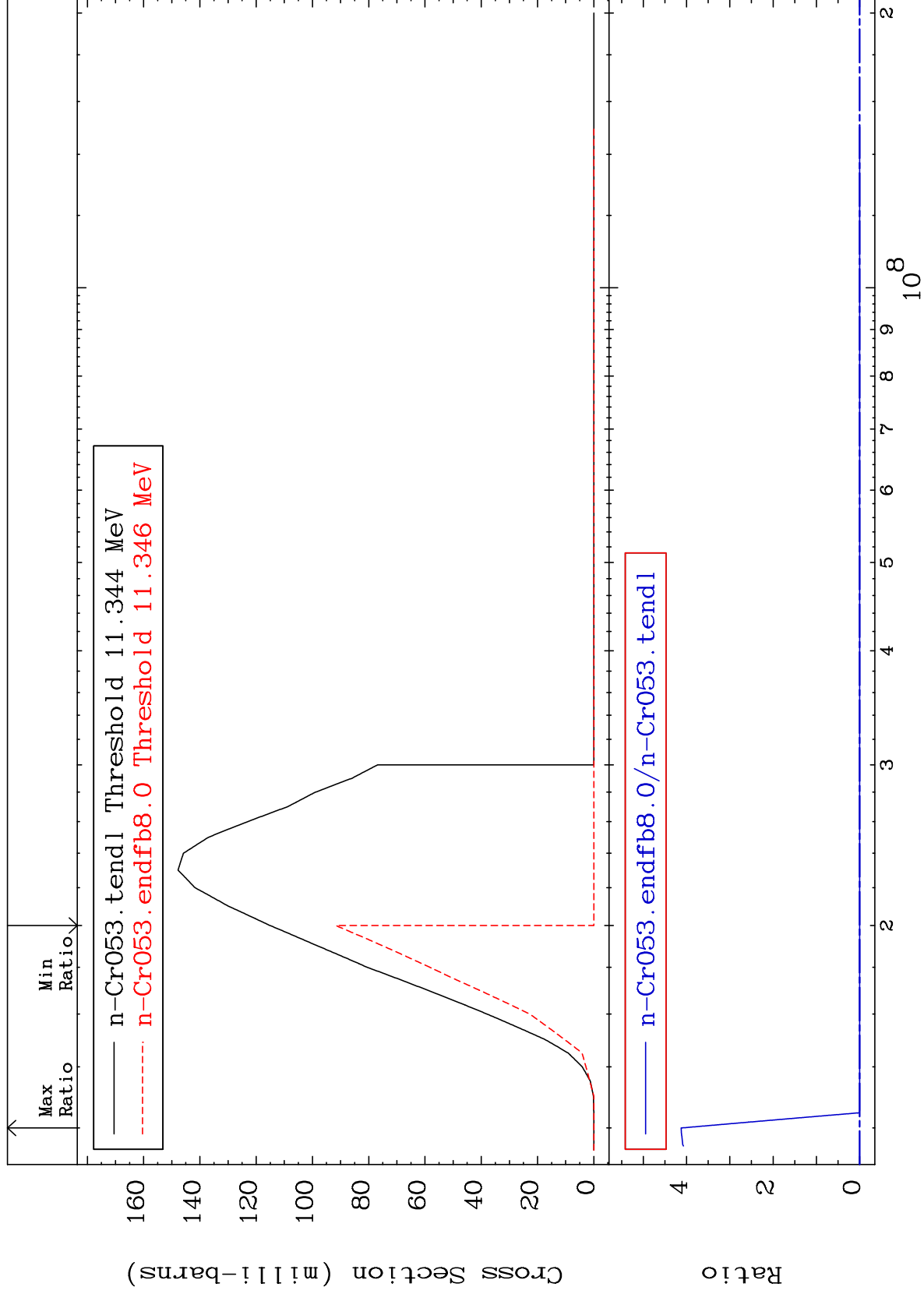
24-Cr-53
-100.0 To 9999. %



MAT 2434

(n,n') p
Cross Section

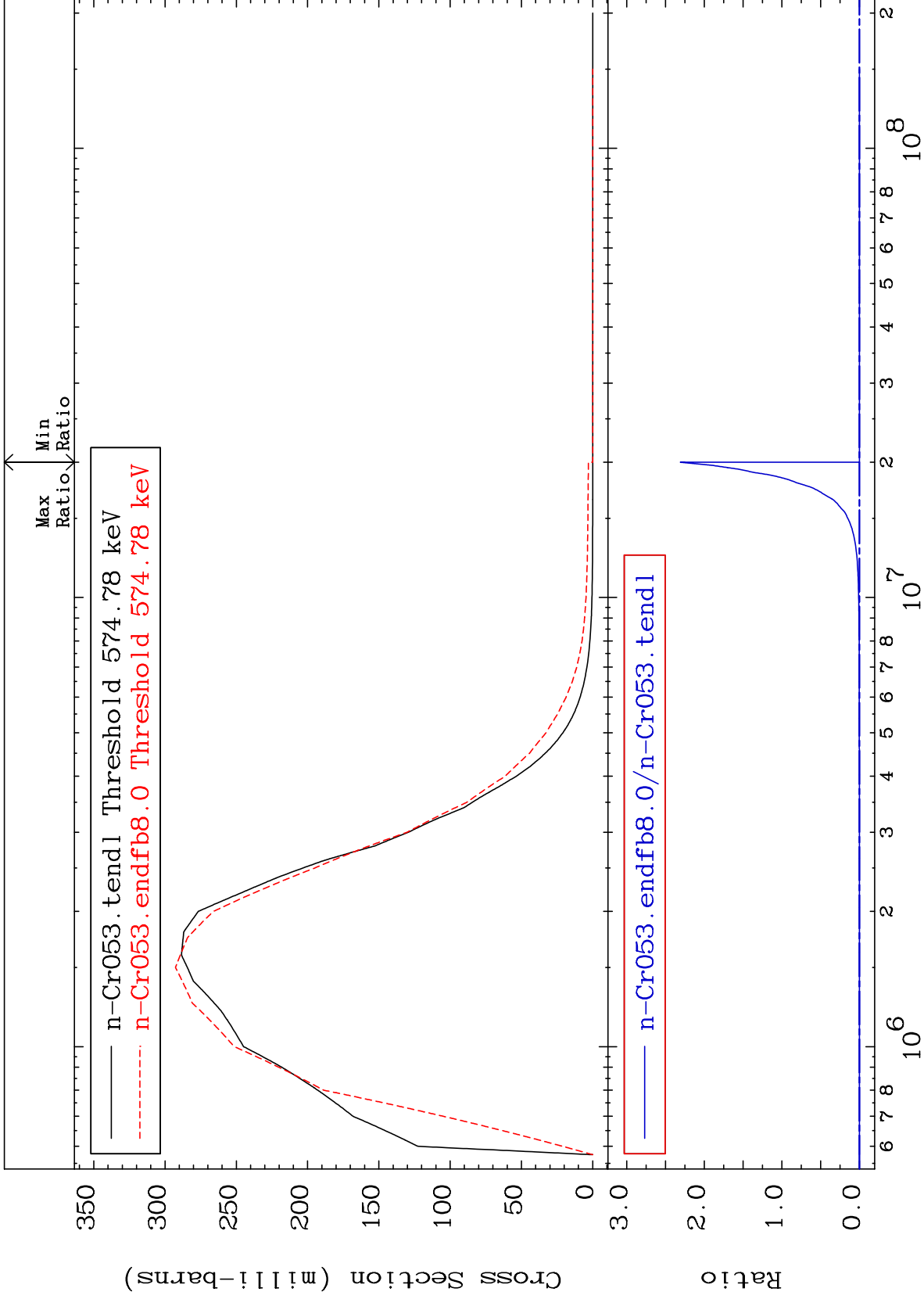
24-Cr-53
-100.0 To 9999. %



MAT 2434

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

24-Cr-53
-100.0 To 9999. %



8

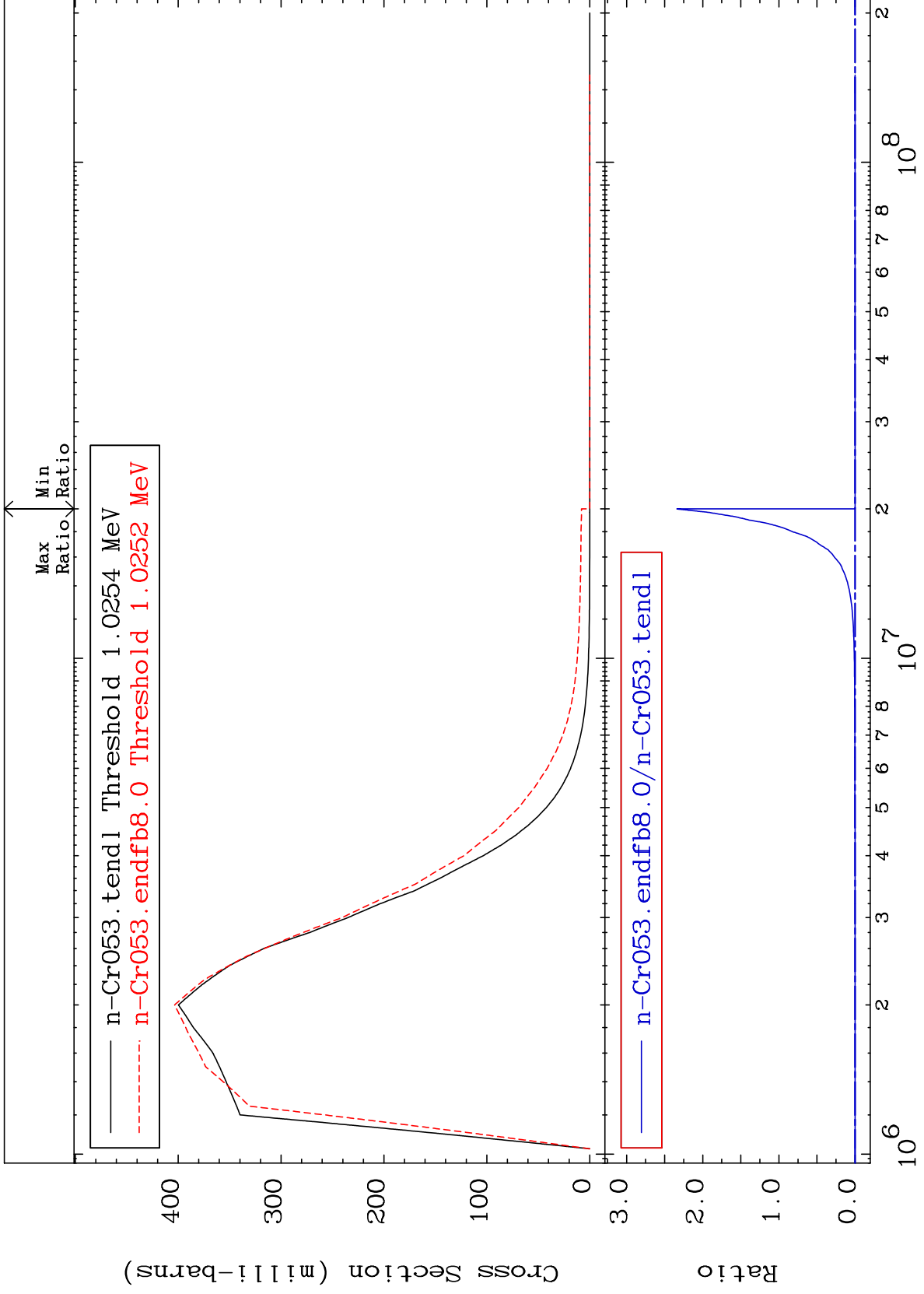
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-100.0 To 9999. %



9

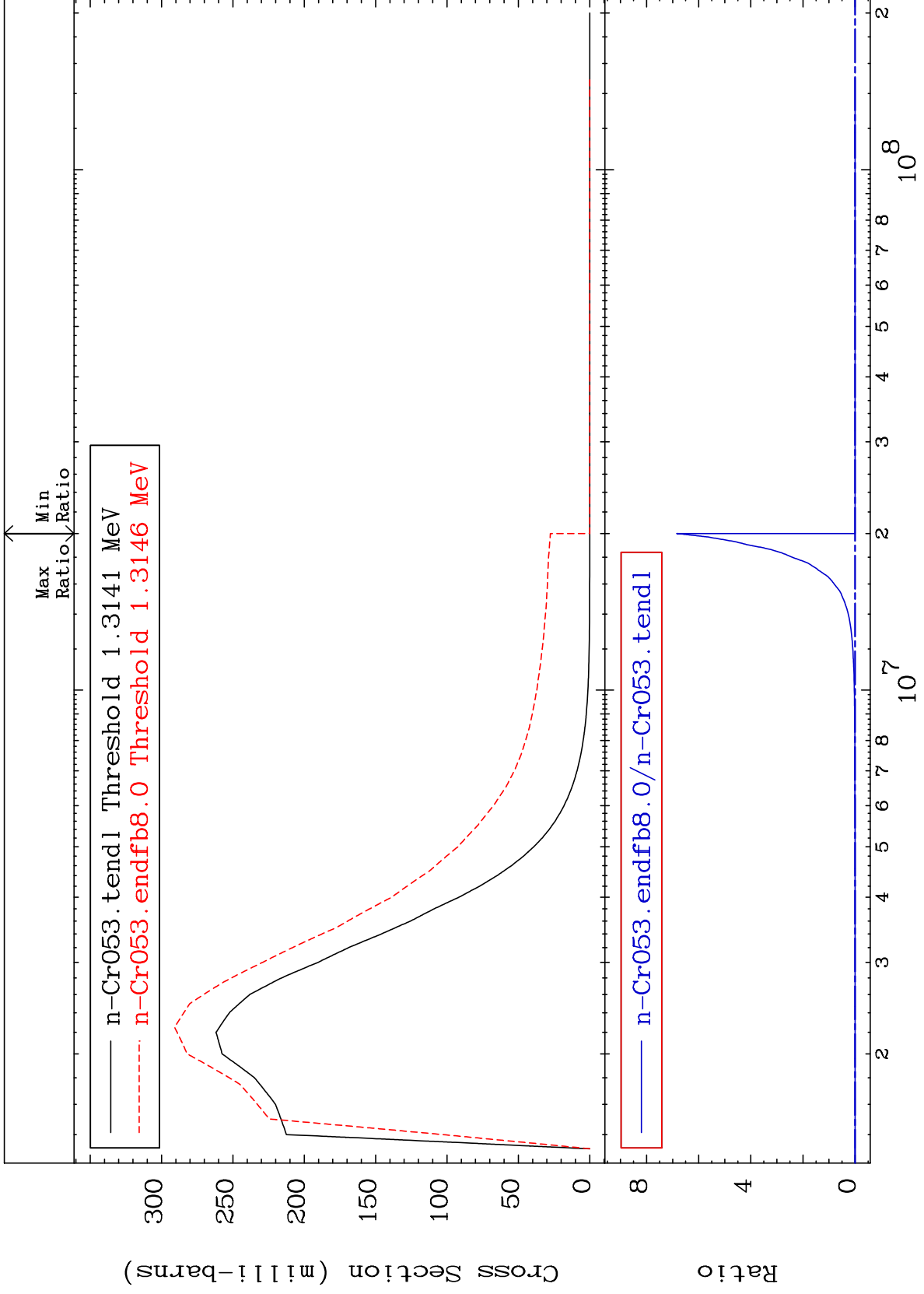
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-100.0 To 9999. %



10

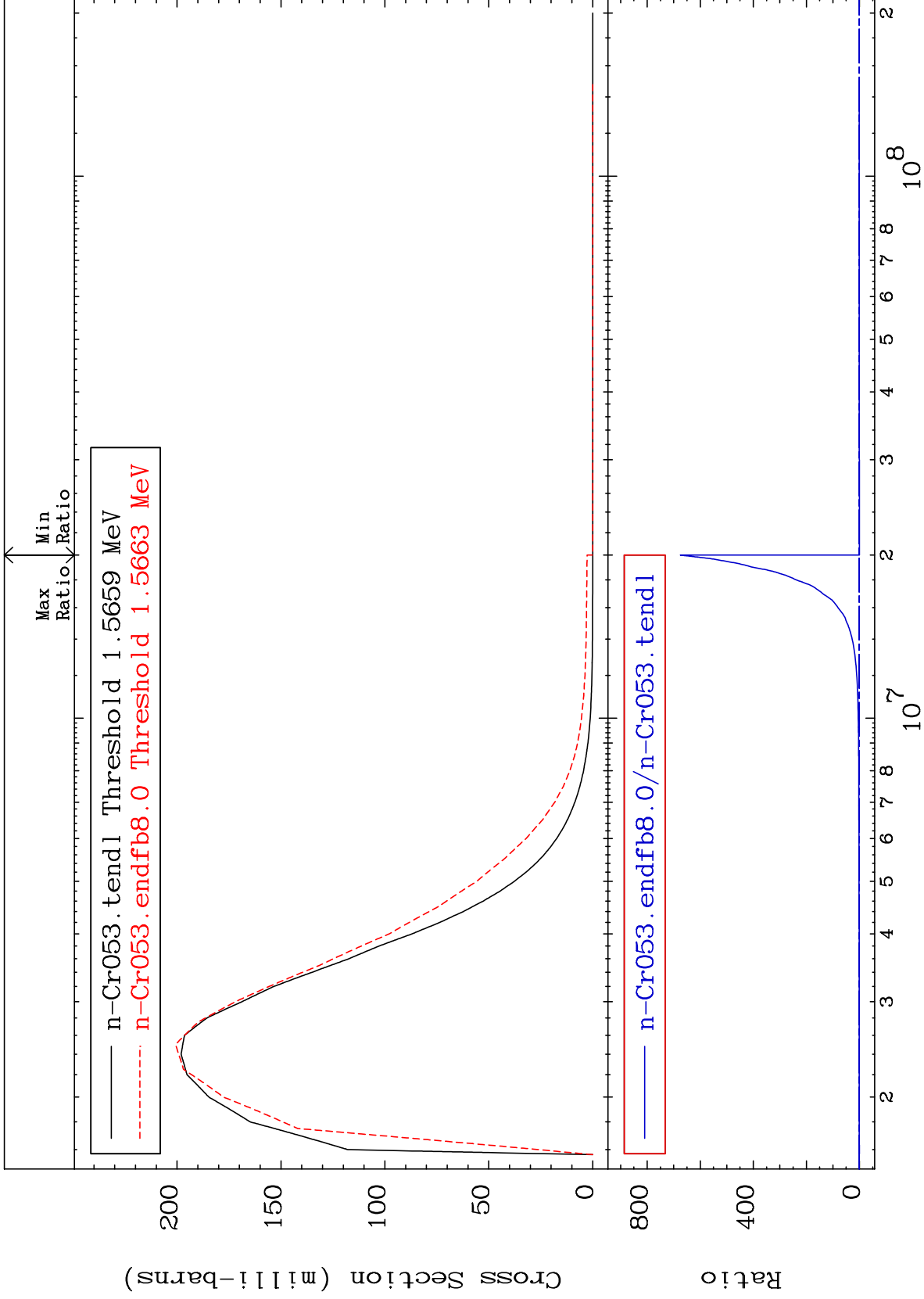
Incident Energy (eV)

24-Cr-53

MAT 2434

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

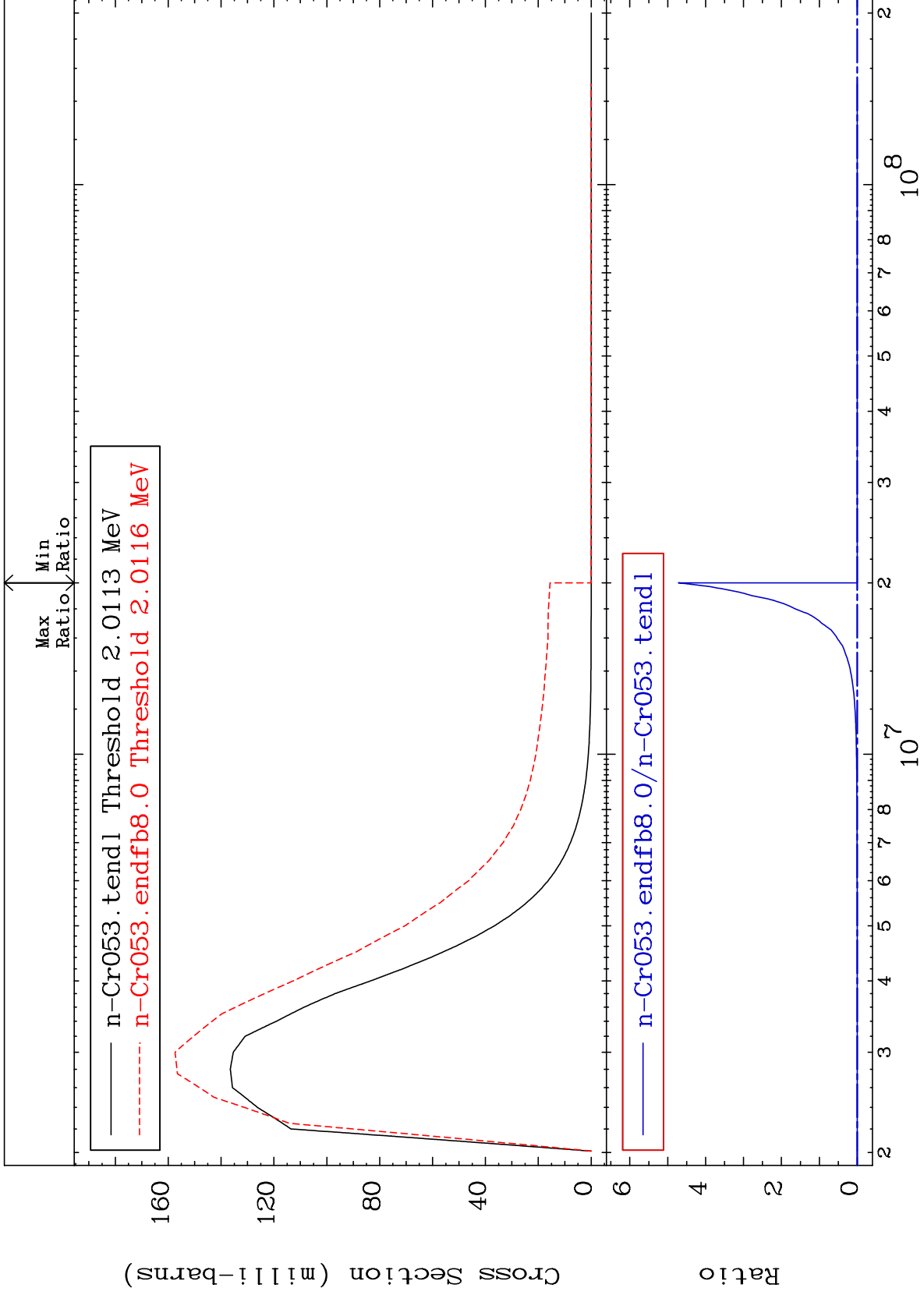
24-Cr-53
-100.0 To 9999. %



MAT 2434

MT= 55 (n,n') Level
Cross Section

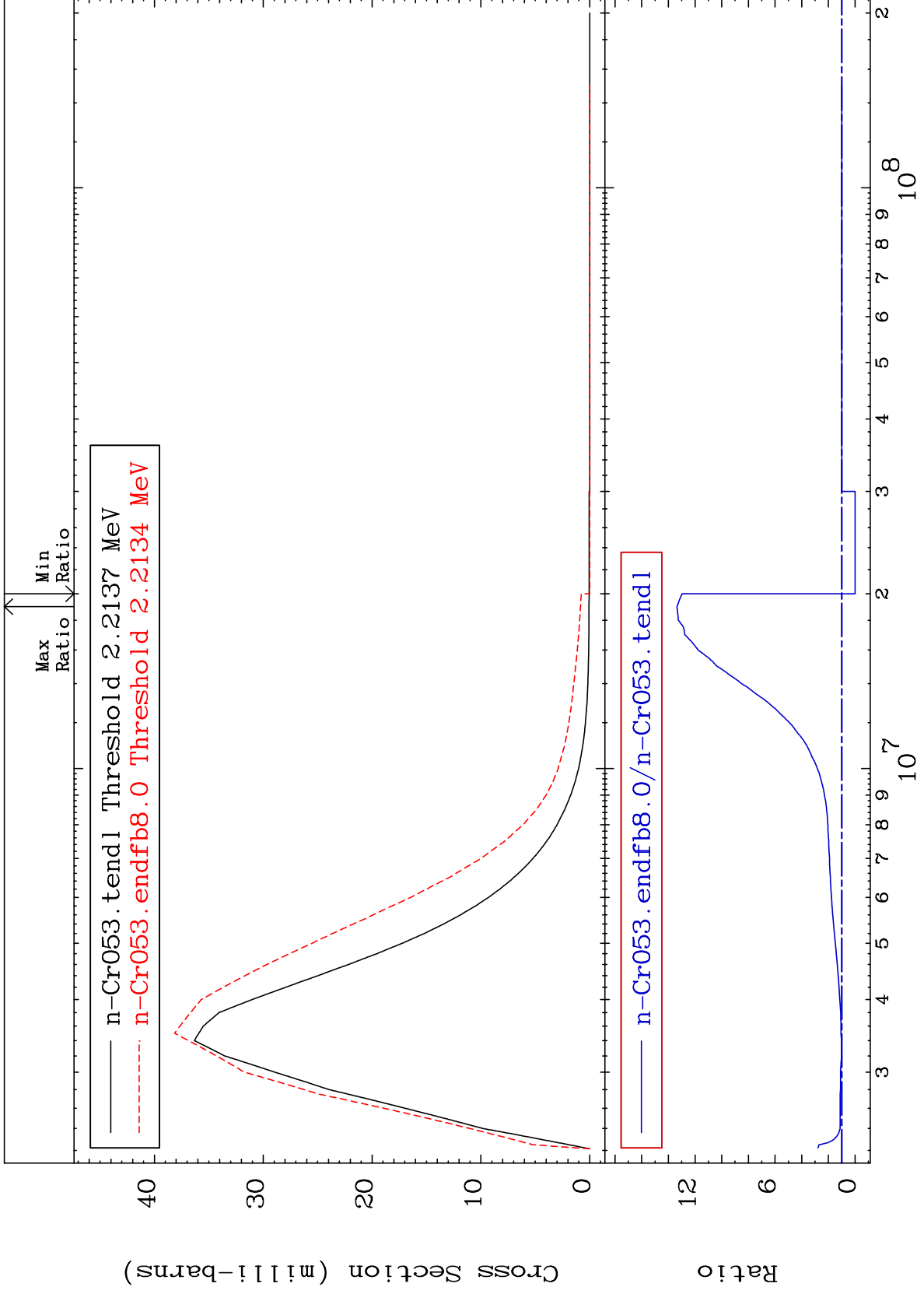
24-Cr-53
-100.0 To 9999. %



MAT 2434

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

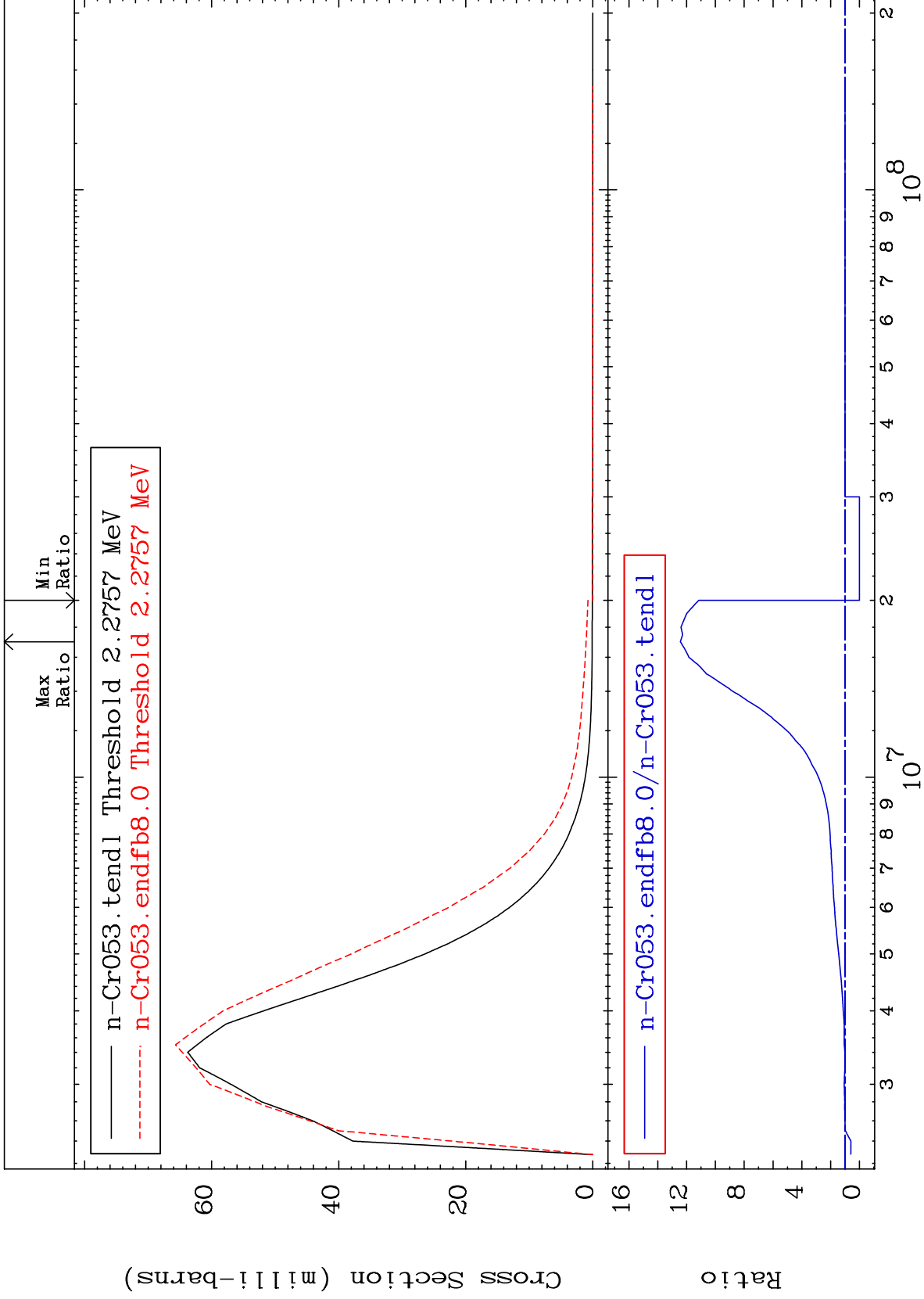
24-Cr-53
-100.0 To 1236. %



MAT 2434

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

²⁴-Cr-53
-100.0 To 1143. %



14

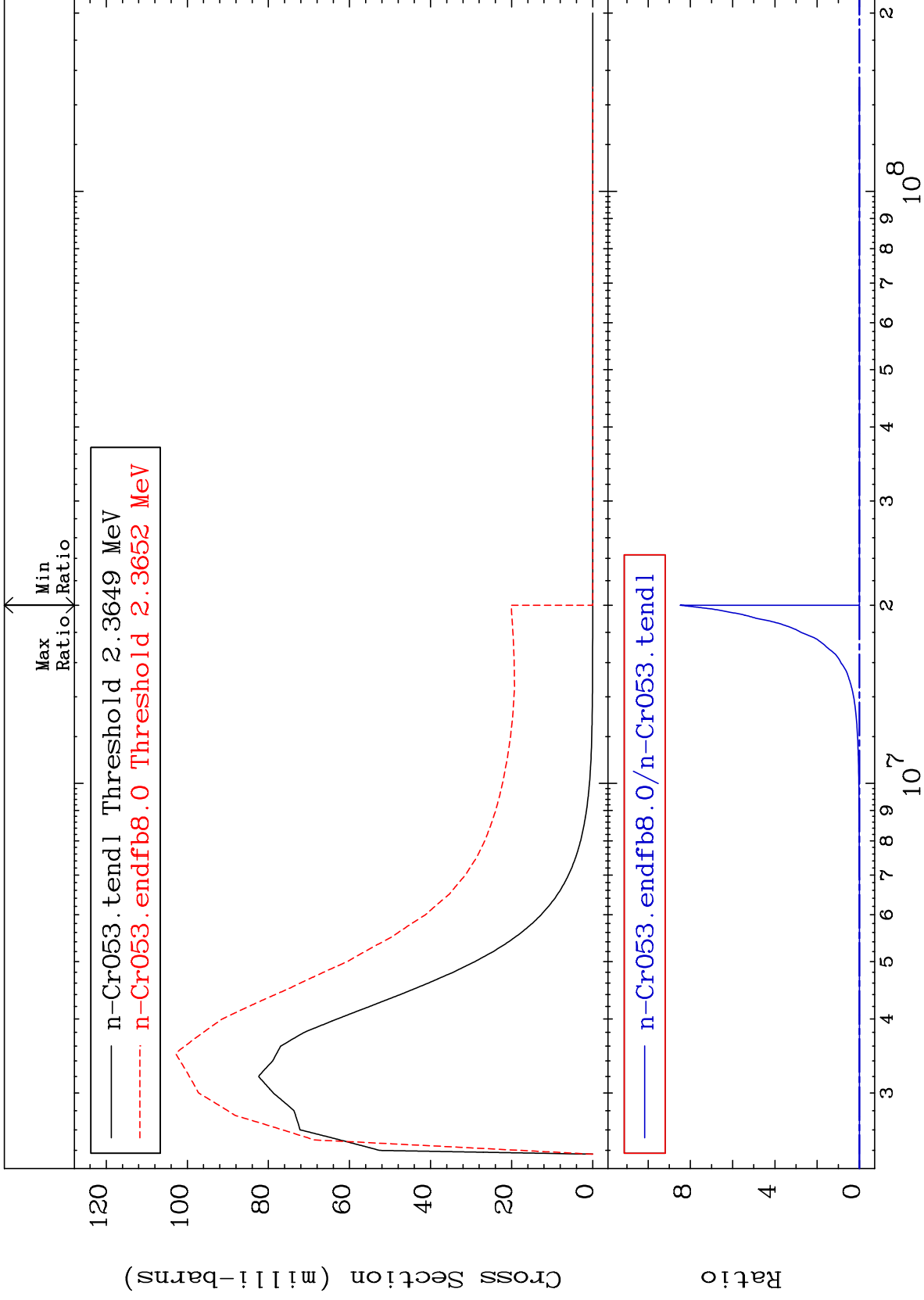
Incident Energy (eV)

²⁴-Cr-53

MAT 2434

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

24-Cr-53
-100.0 To 9999. %



15

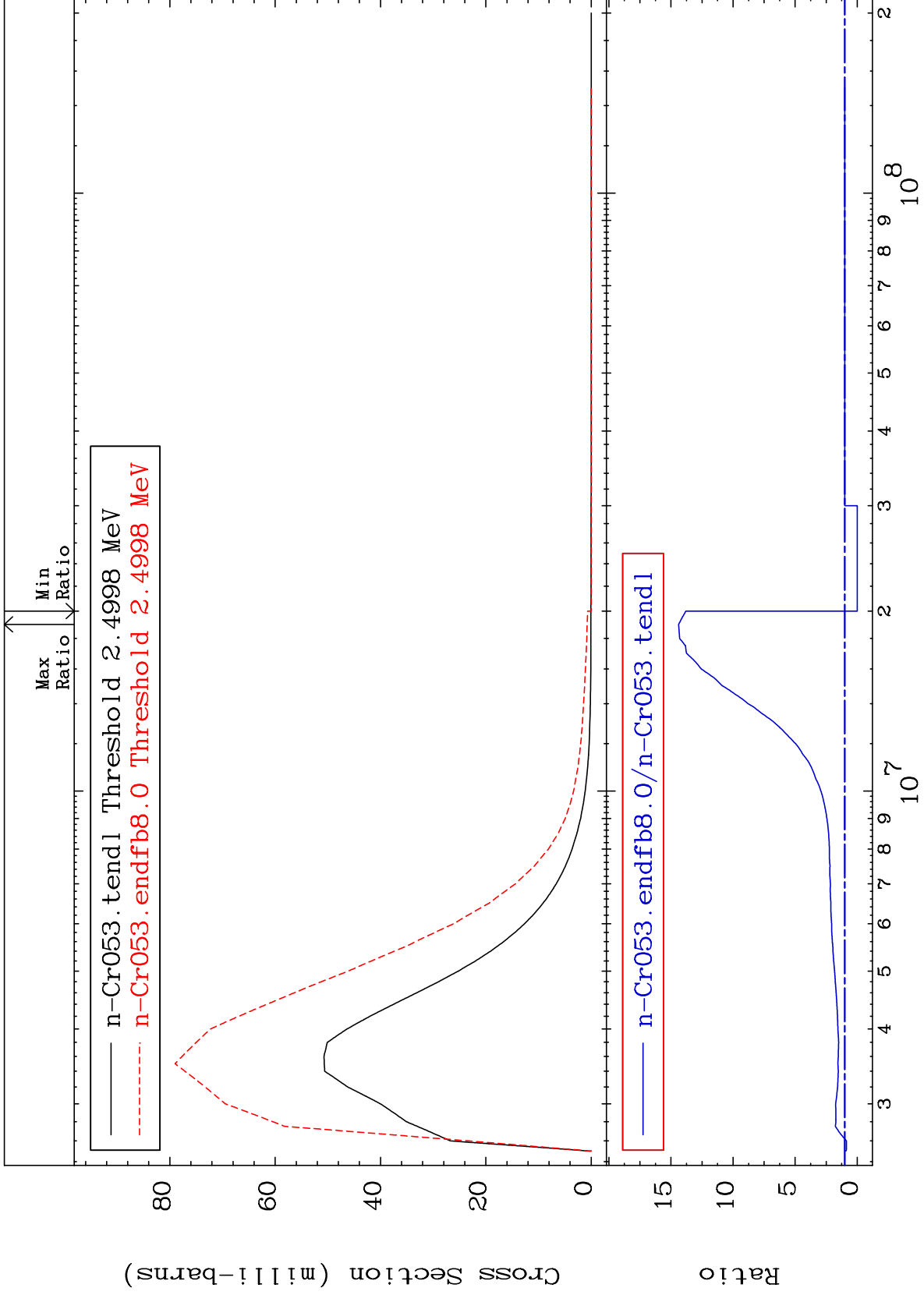
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-100.0 To 1338. %



16

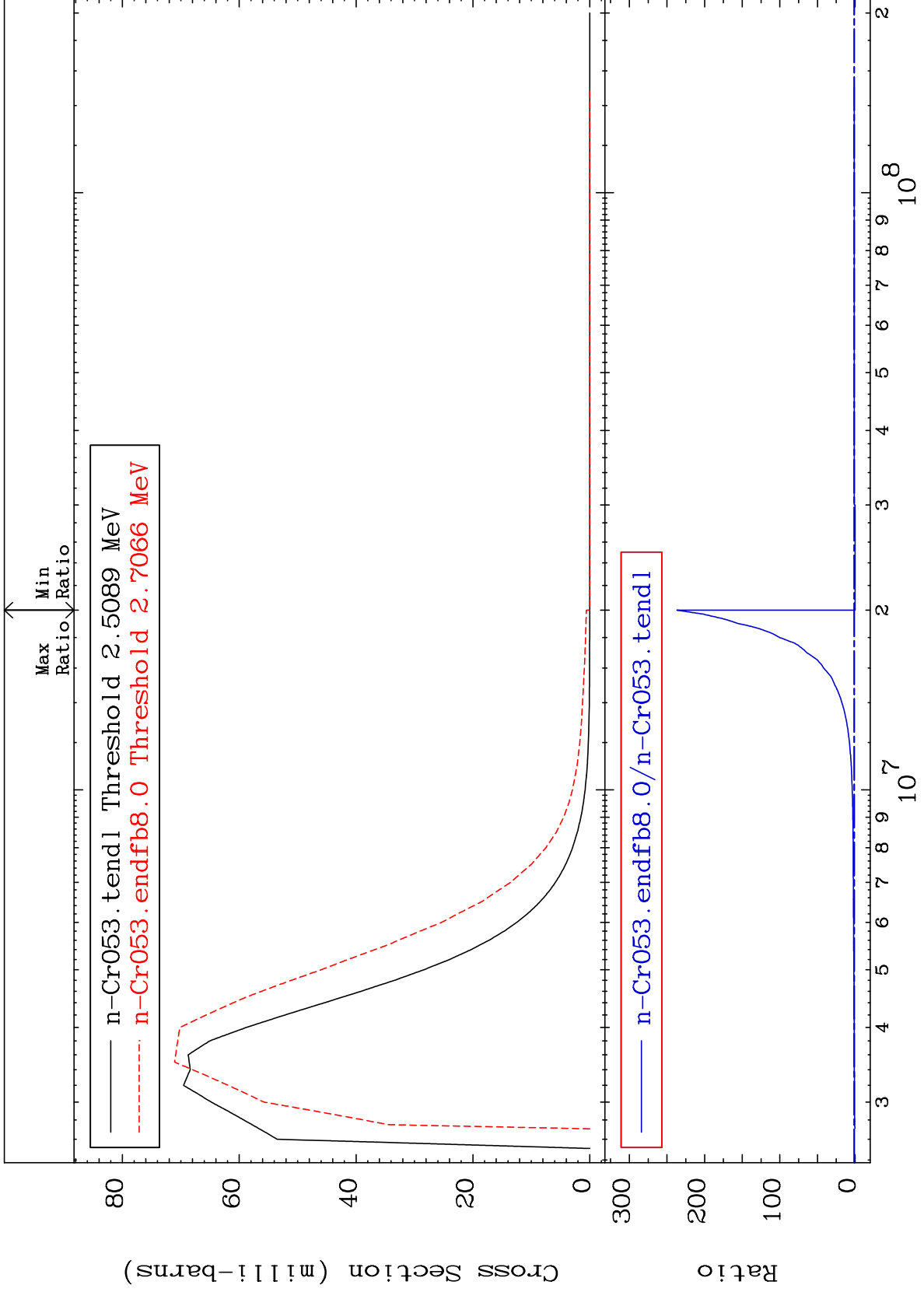
Incident Energy (eV)

24-Cr-53

MAT 2434

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

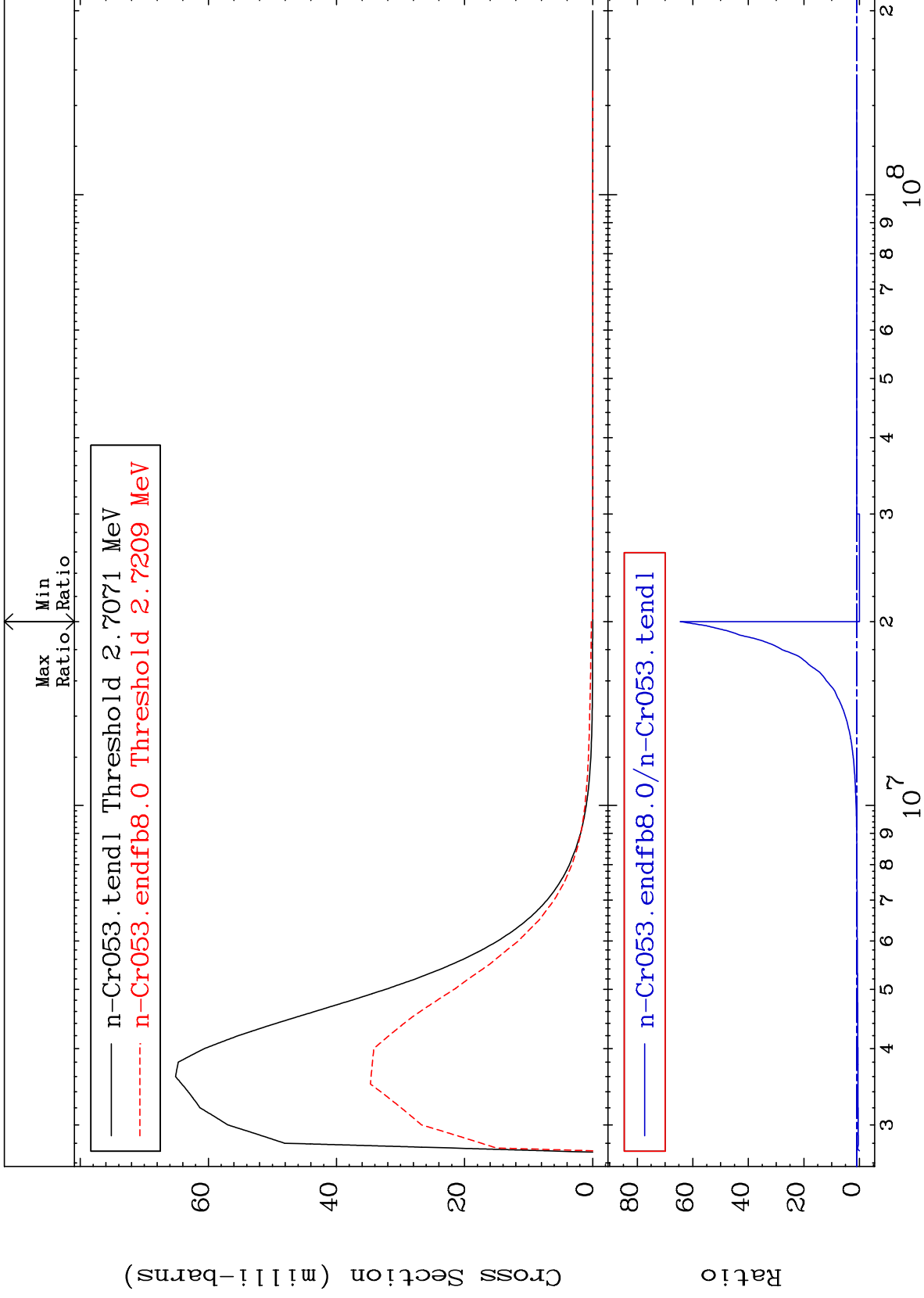
24-Cr-53
-100.0 To 9999. %



MAT 2434

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

24-Cr-53
-100.0 To 6349. %



18

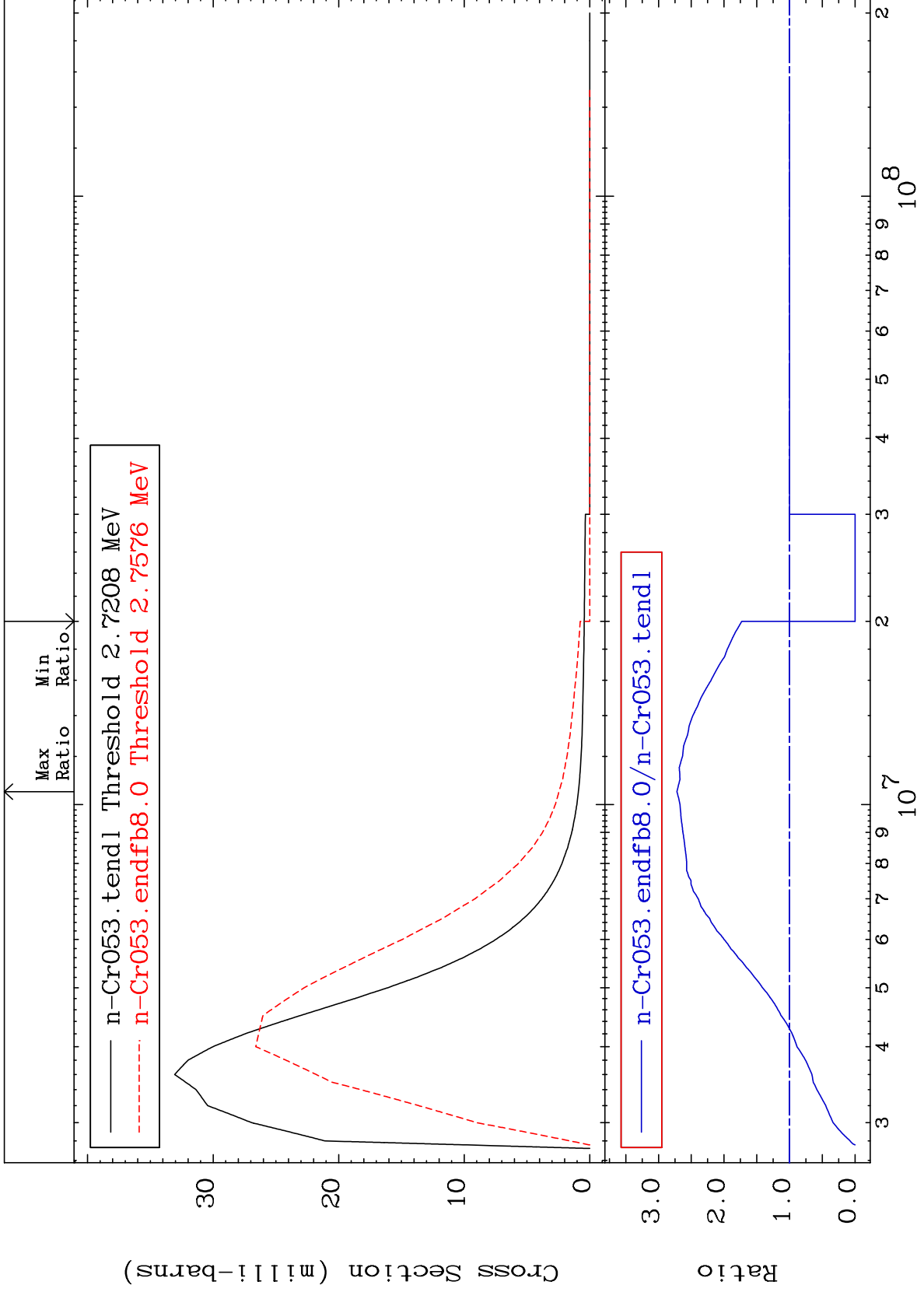
Incident Energy (eV)

24-Cr-53

MAT 2434

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

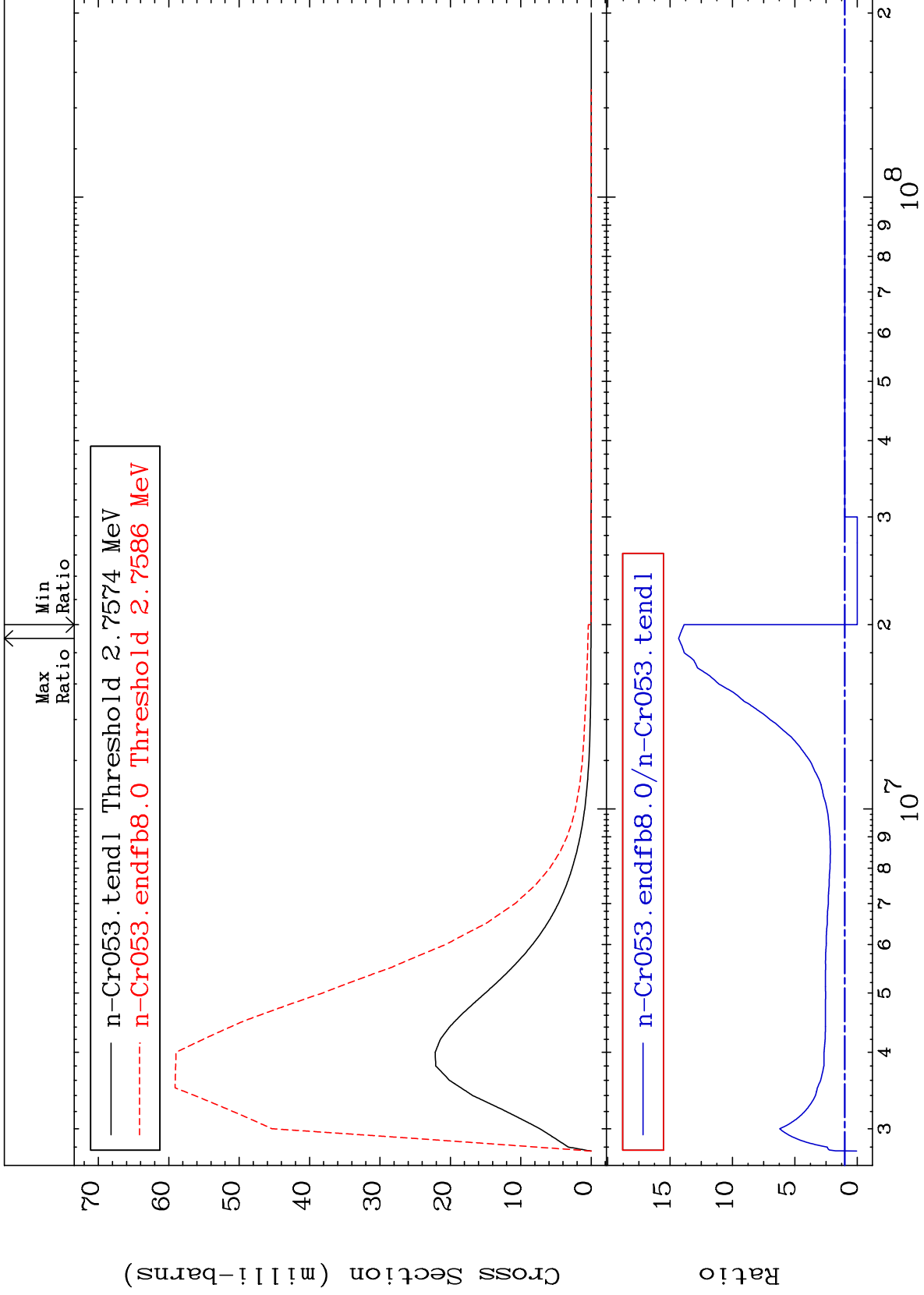
24-Cr-53
-100.0 To 171.9 %



MAT 2434

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

24-Cr-53
-100.0 To 1331. %



20

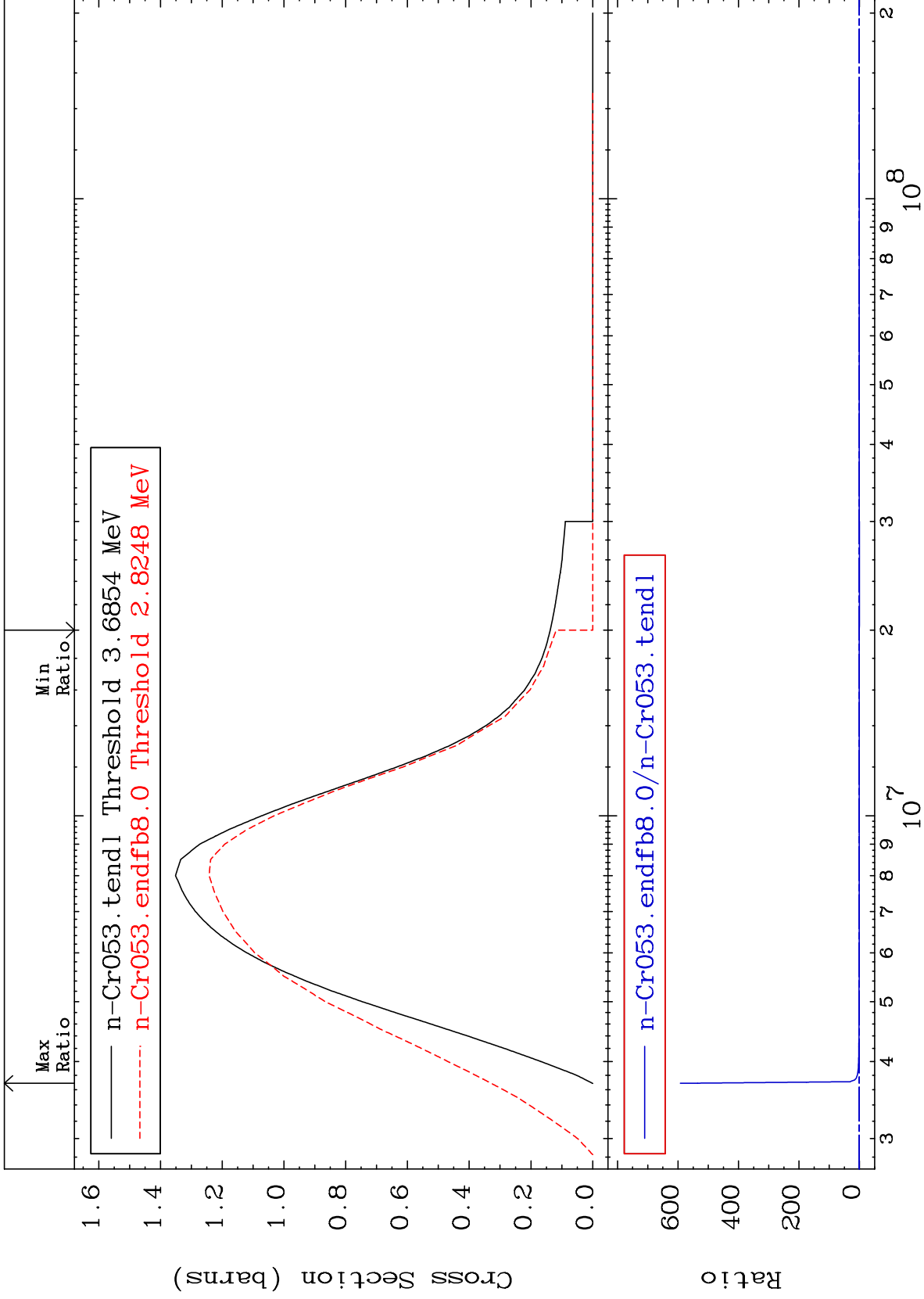
Incident Energy (eV)

24-Cr-53

MAT 2434

(n, n') Continuum
Cross Section

24-Cr-53
-100.0 To 9999. %



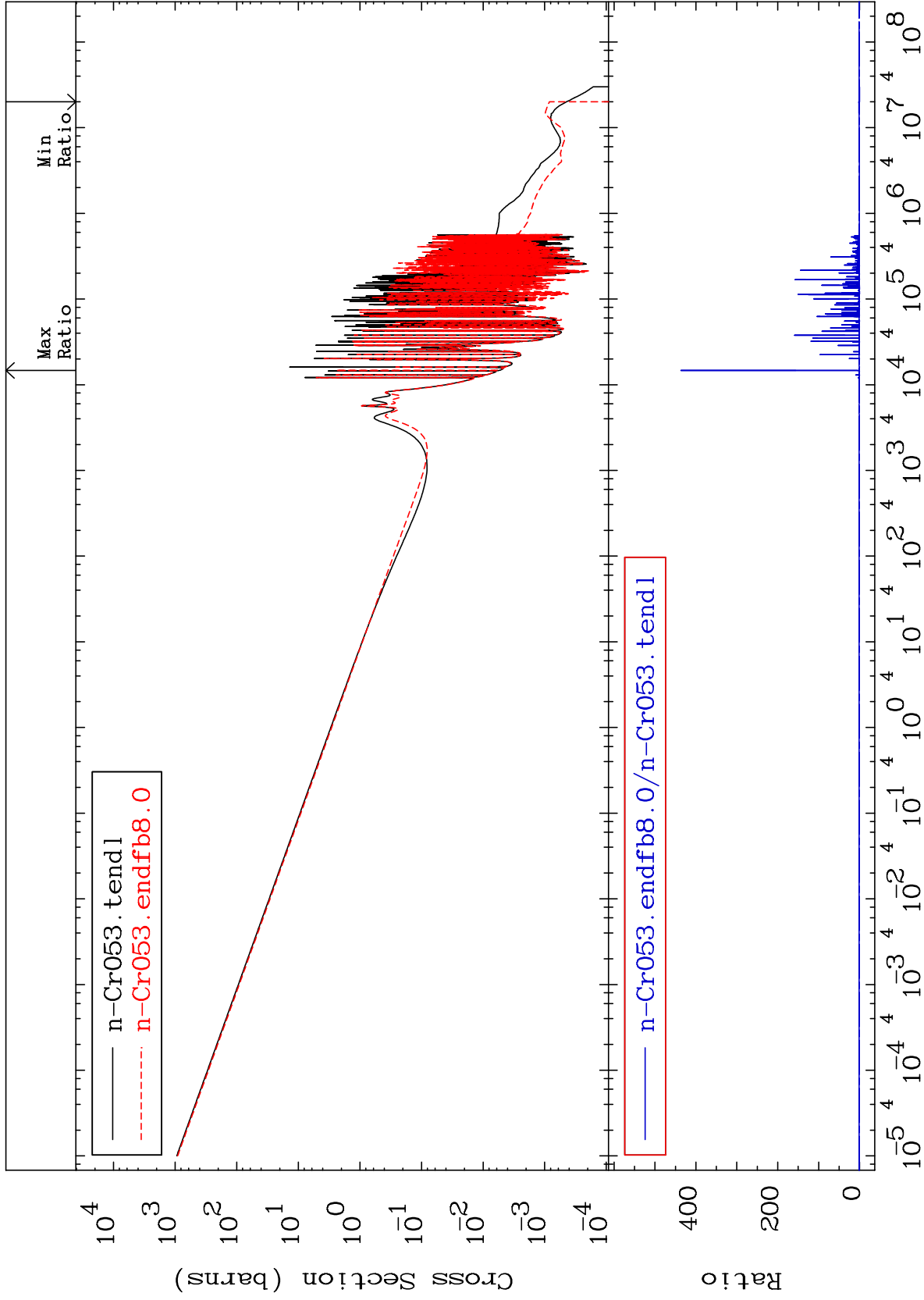
MAT 2434

(n, γ)

24-Cr-53

Cross Section

-100.0 To 9999. %



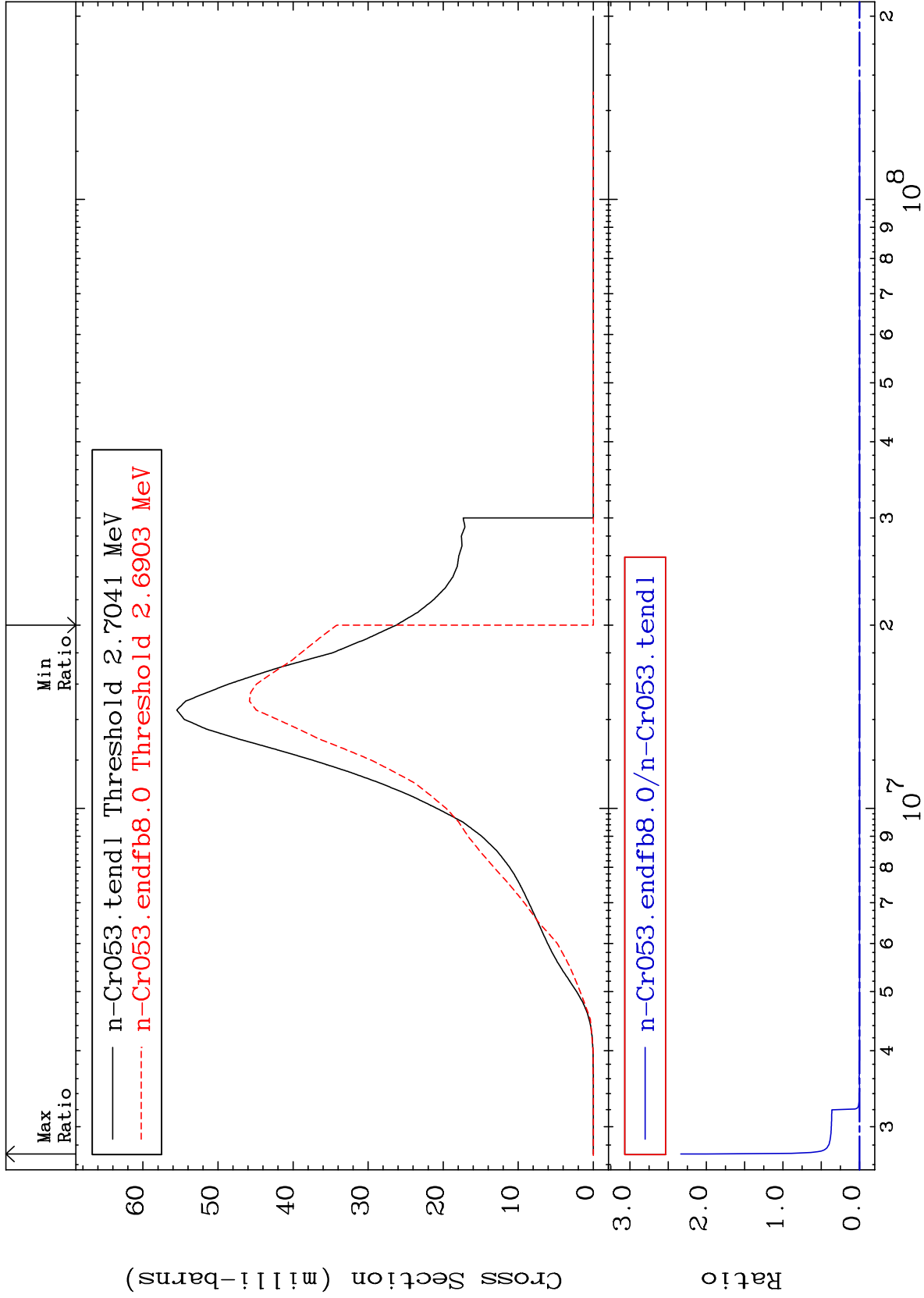
MAT 2434

(n,p)

²⁴Cr-53

Cross Section

-100.0 To 9999. %



23

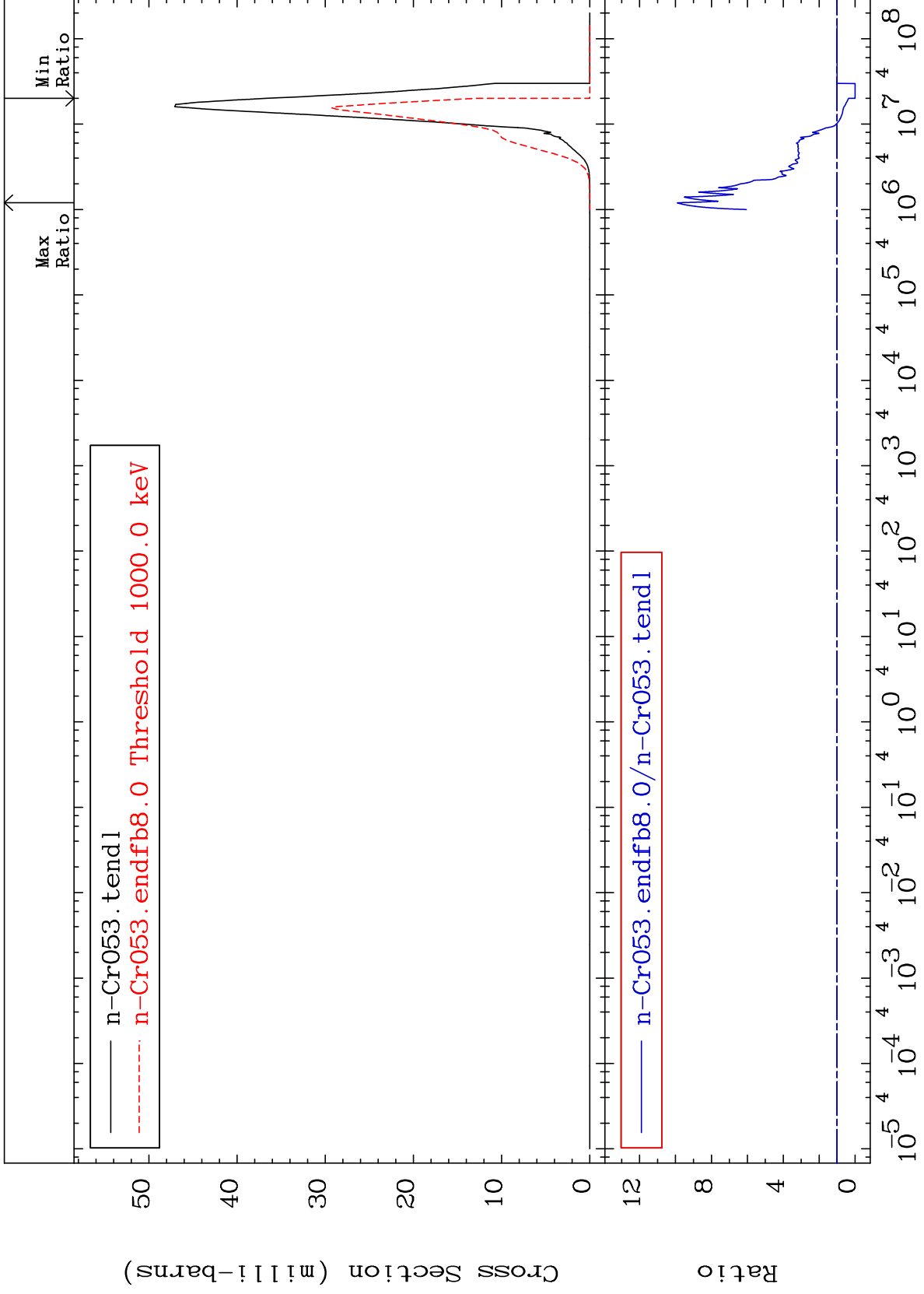
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n, α)
Cross Section

24-Cr-53
-100.0 To 892.1 %



24

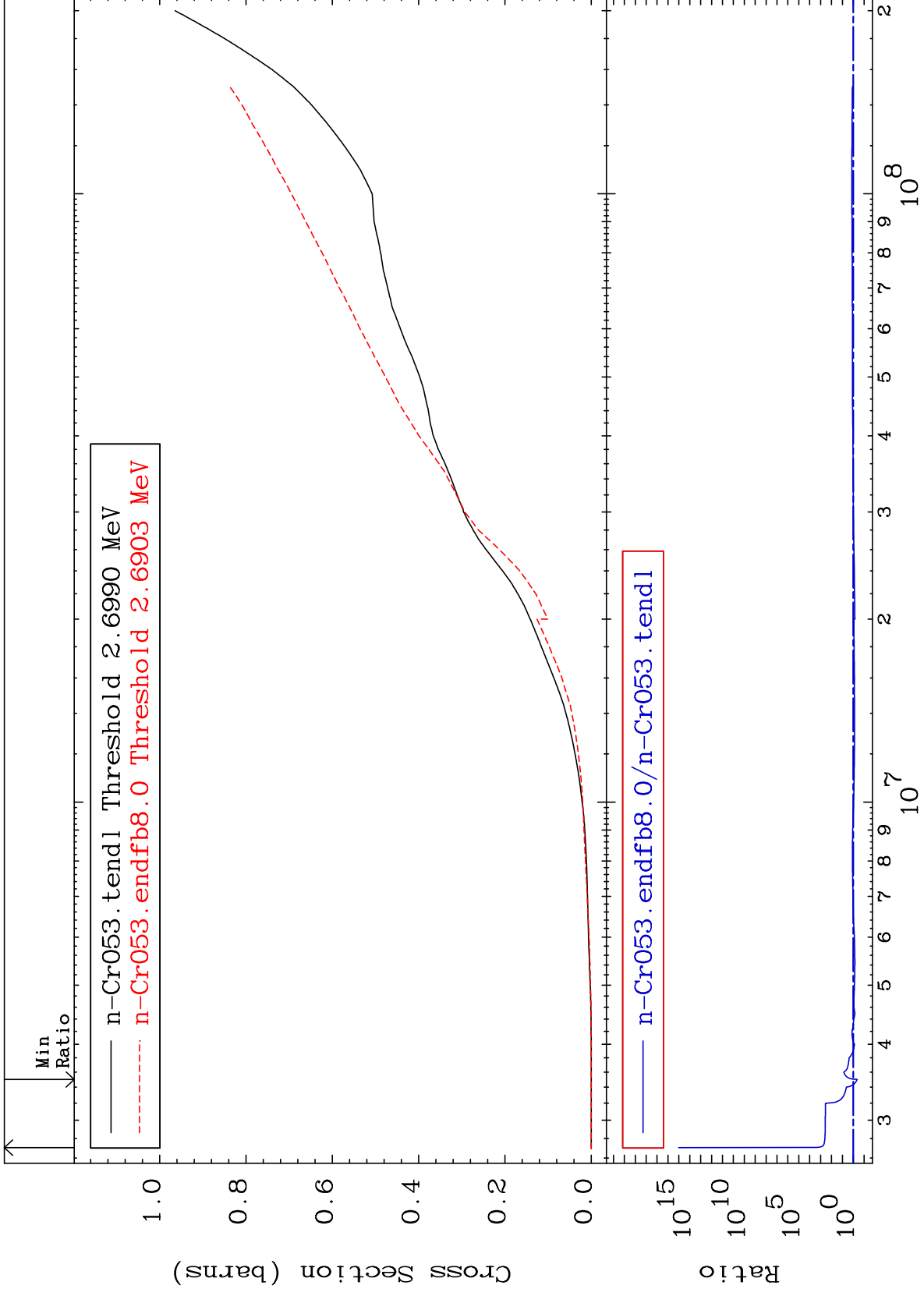
Incident Energy (eV)

24-Cr-53

MAT 2434

Hydrogen Production
Cross Section

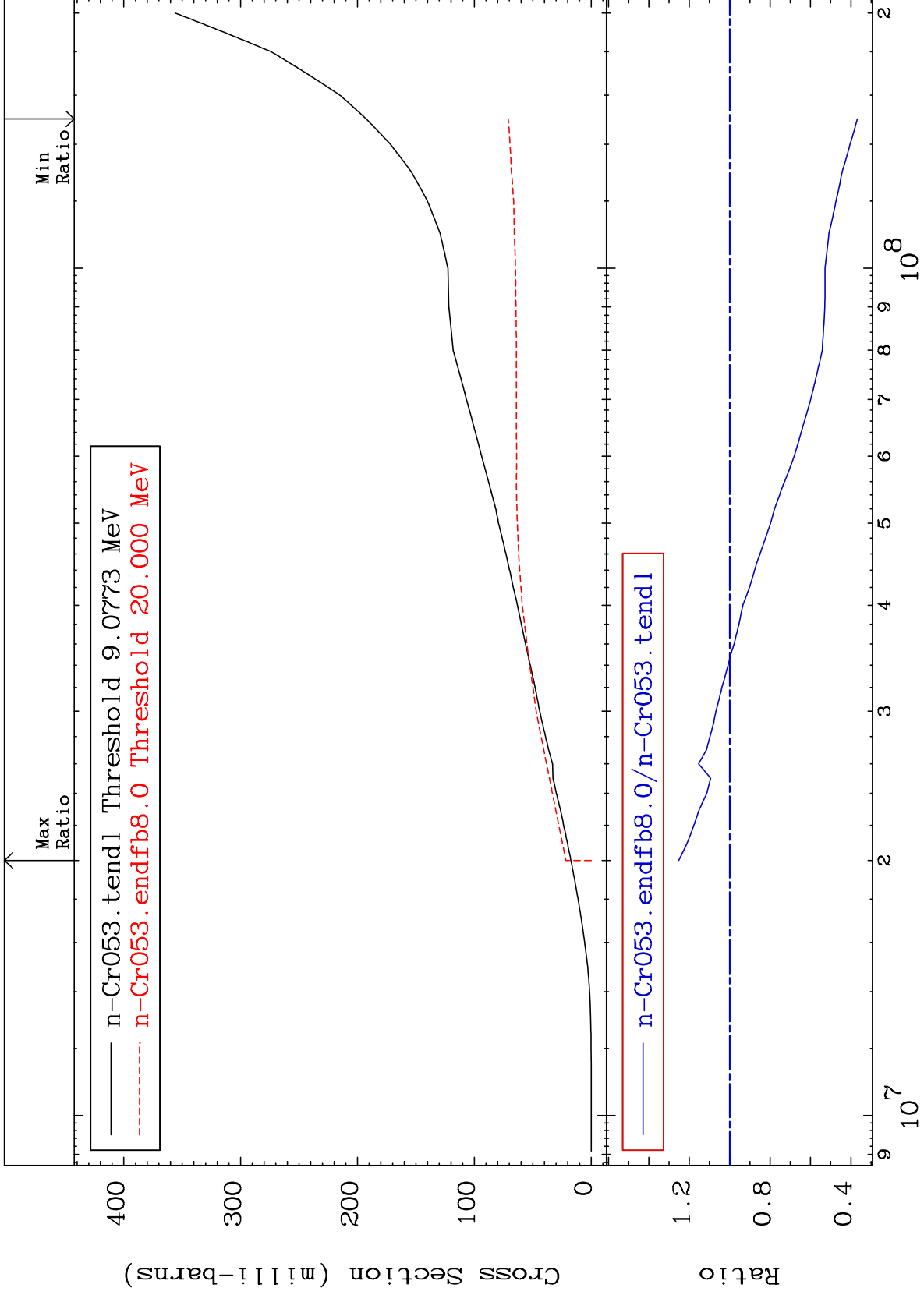
24-Cr-53
-56.76 To 9999. %



MAT 2434

Deuterium Production
Cross Section

24-Cr-53
-63.14 To 25.25 %



26

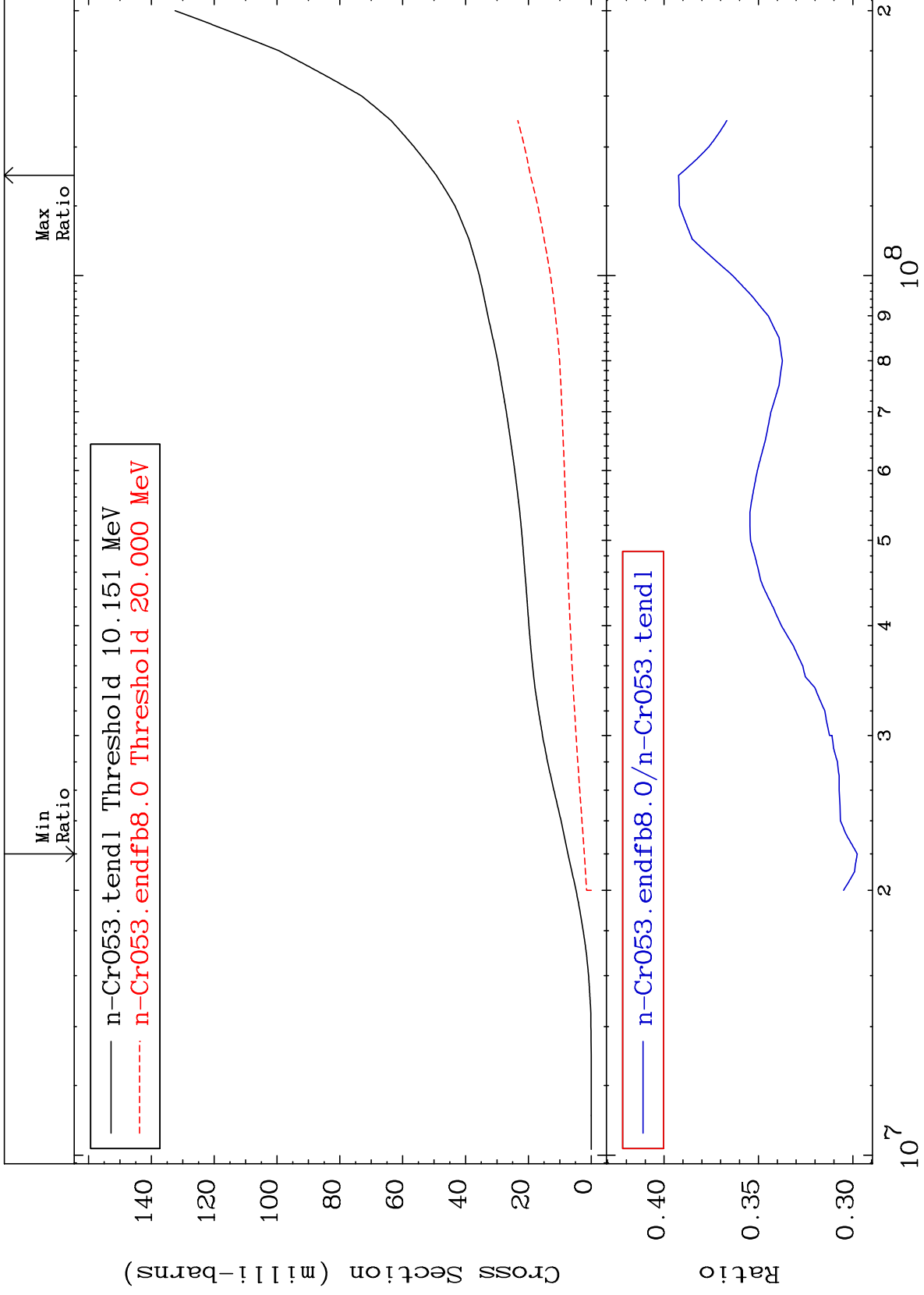
Incident Energy (eV)

24-Cr-53

MAT 2434

Tritium Production
Cross Section

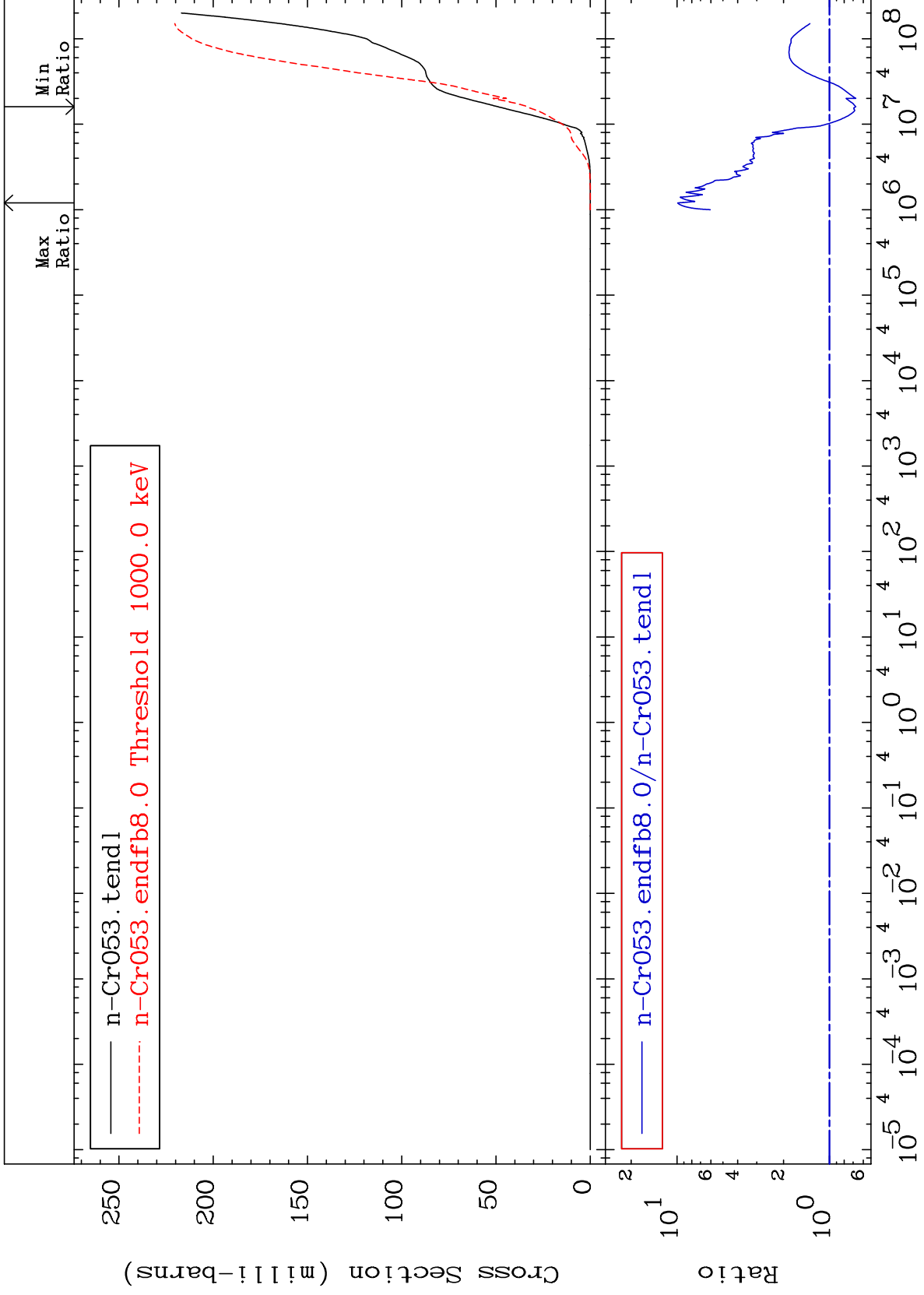
$^{24}\text{Cr-53}$
-70.24 To -60.77%

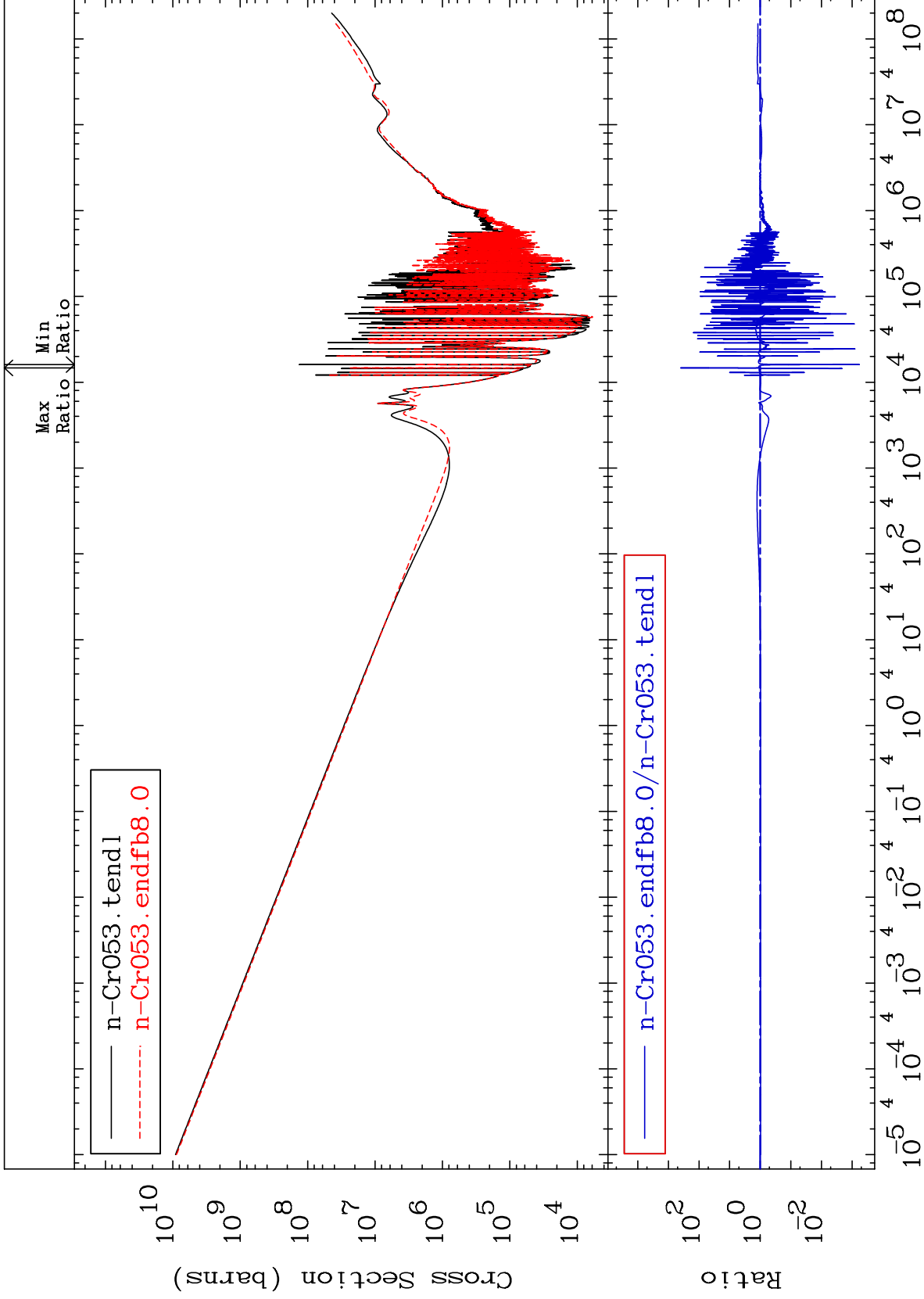


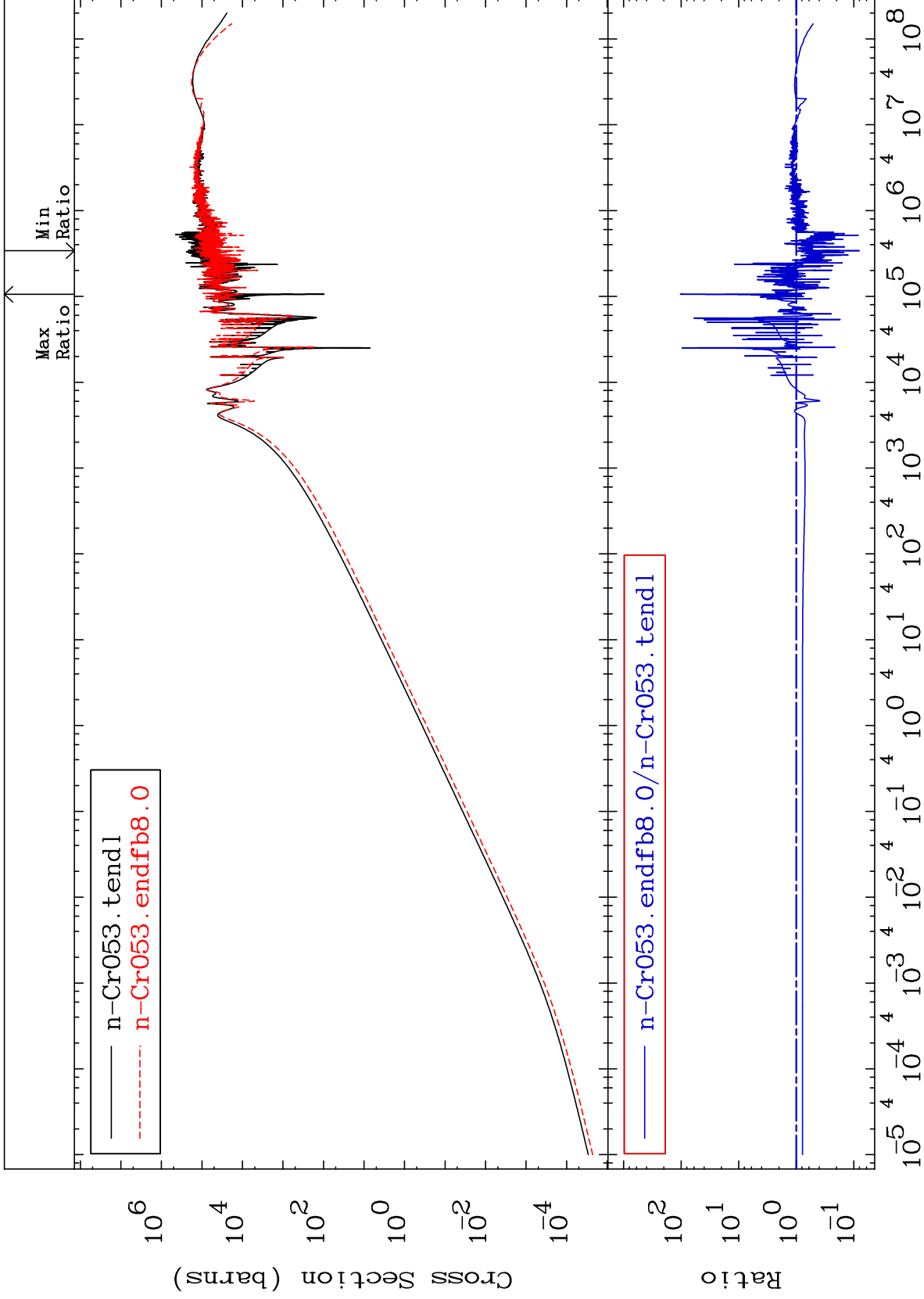
27

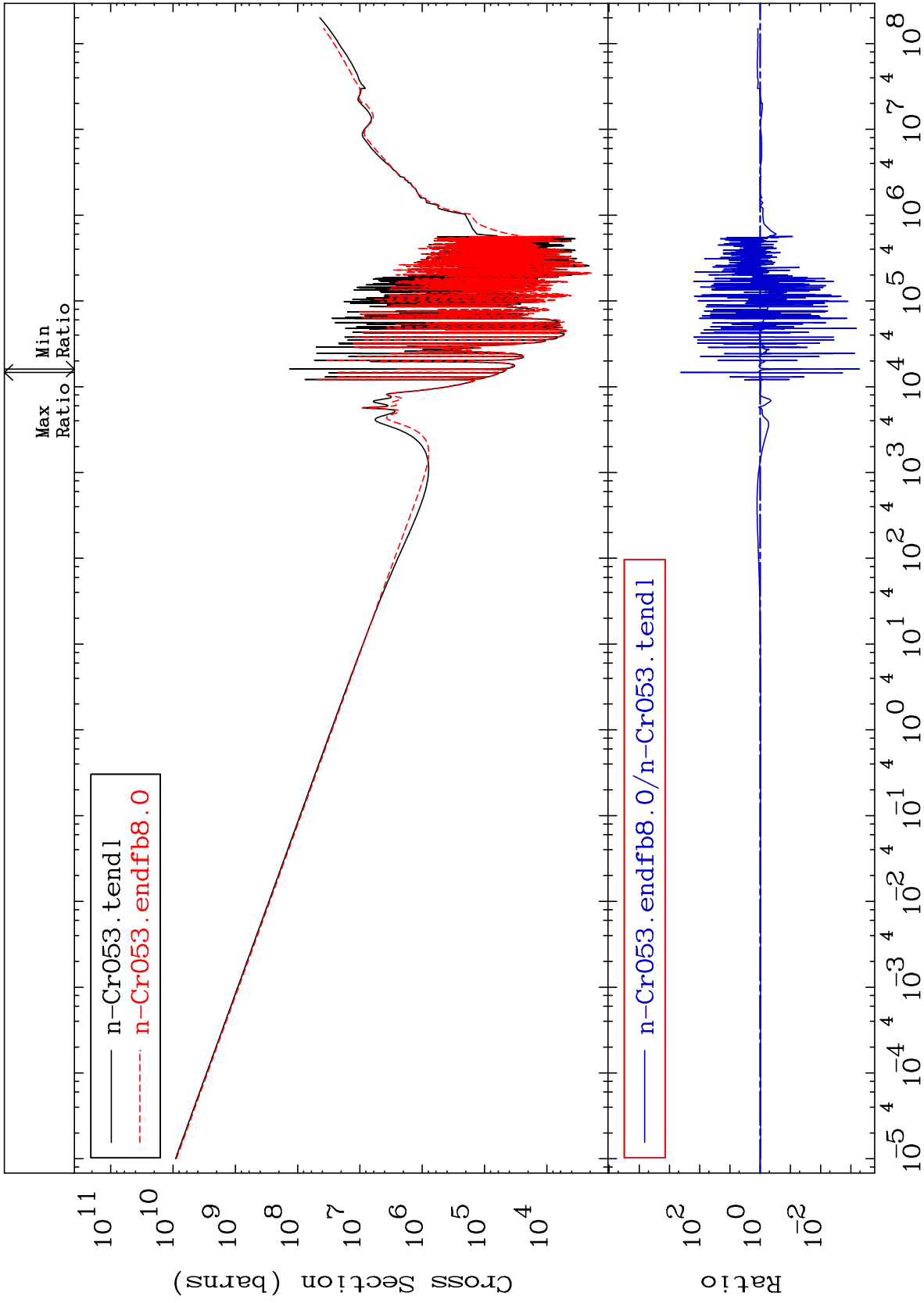
Incident Energy (eV)

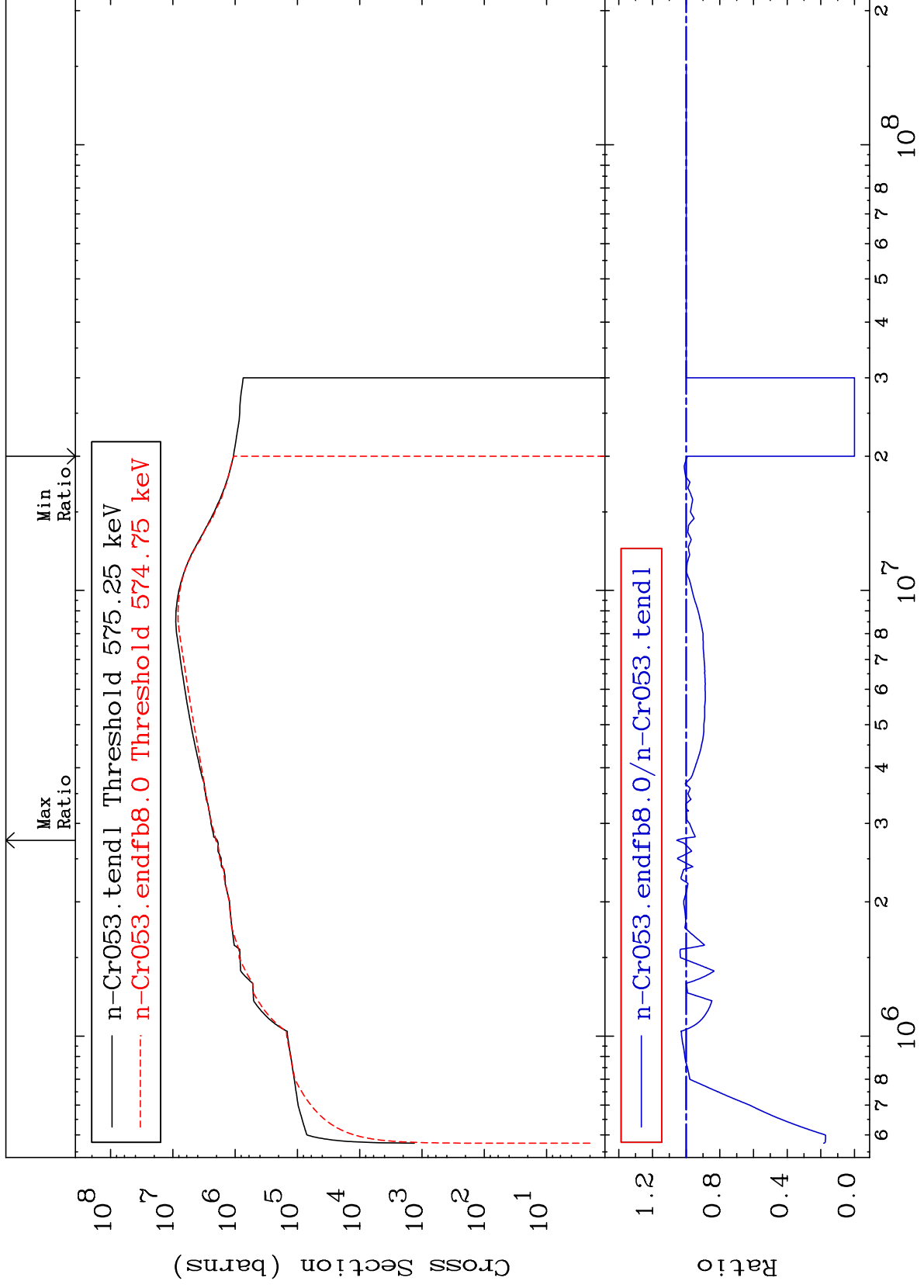
$^{24}\text{Cr-53}$







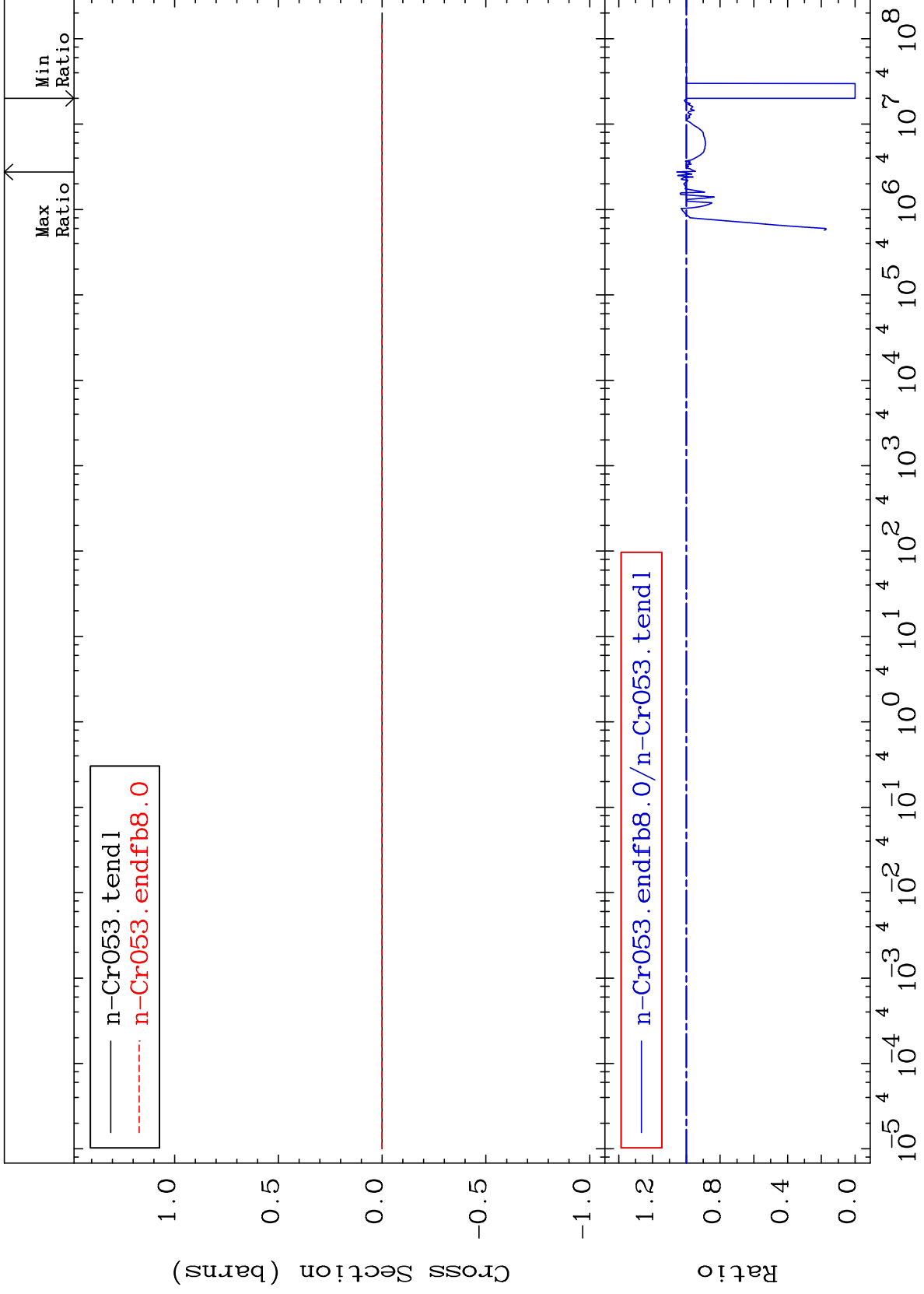




MAT 2434

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

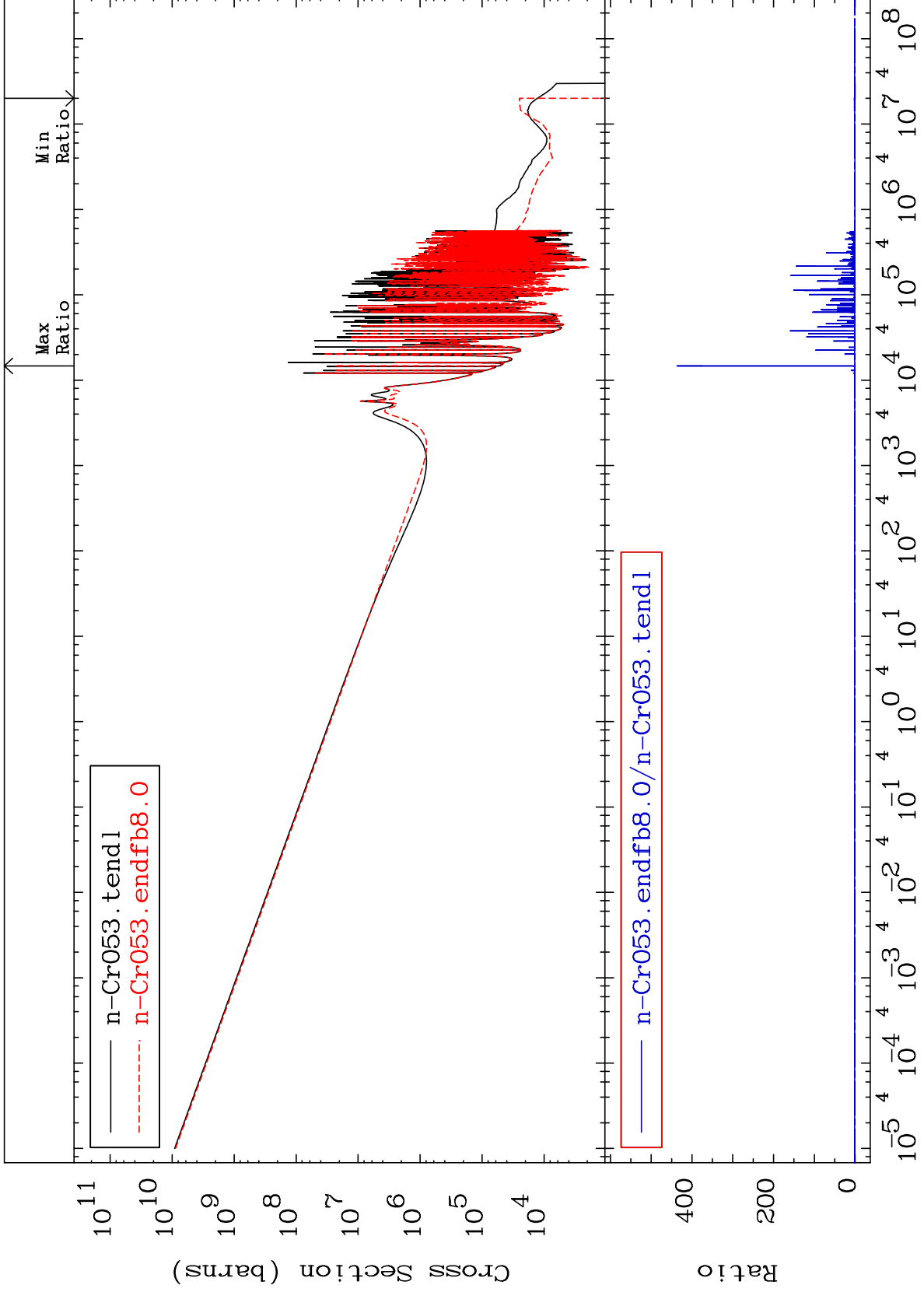
24-Cr-53
-100.0 To 5.568 %



MAT 2434

Kerma capture (mt102)
Cross Section

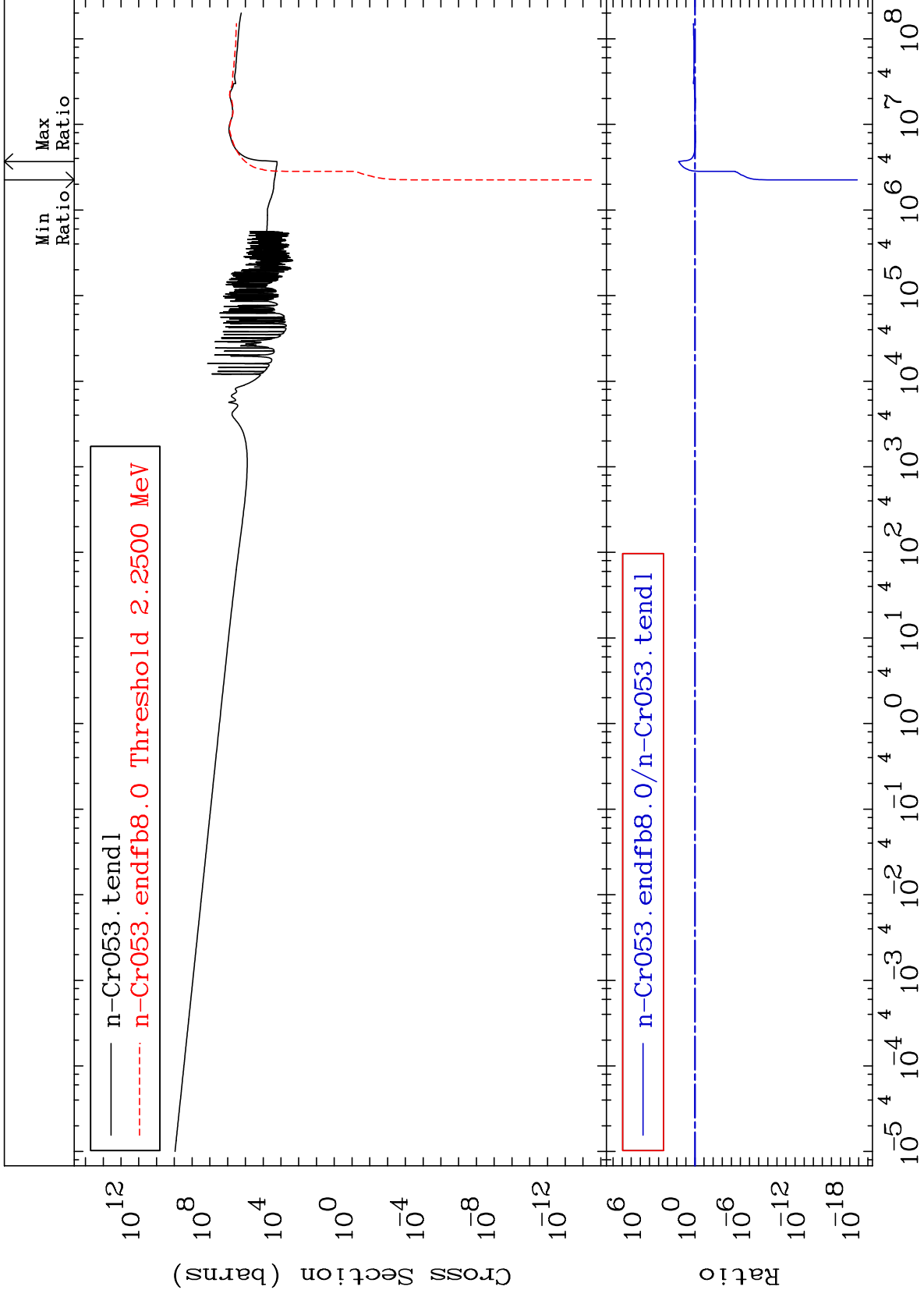
24-Cr-53
-100.0 To 9999. %

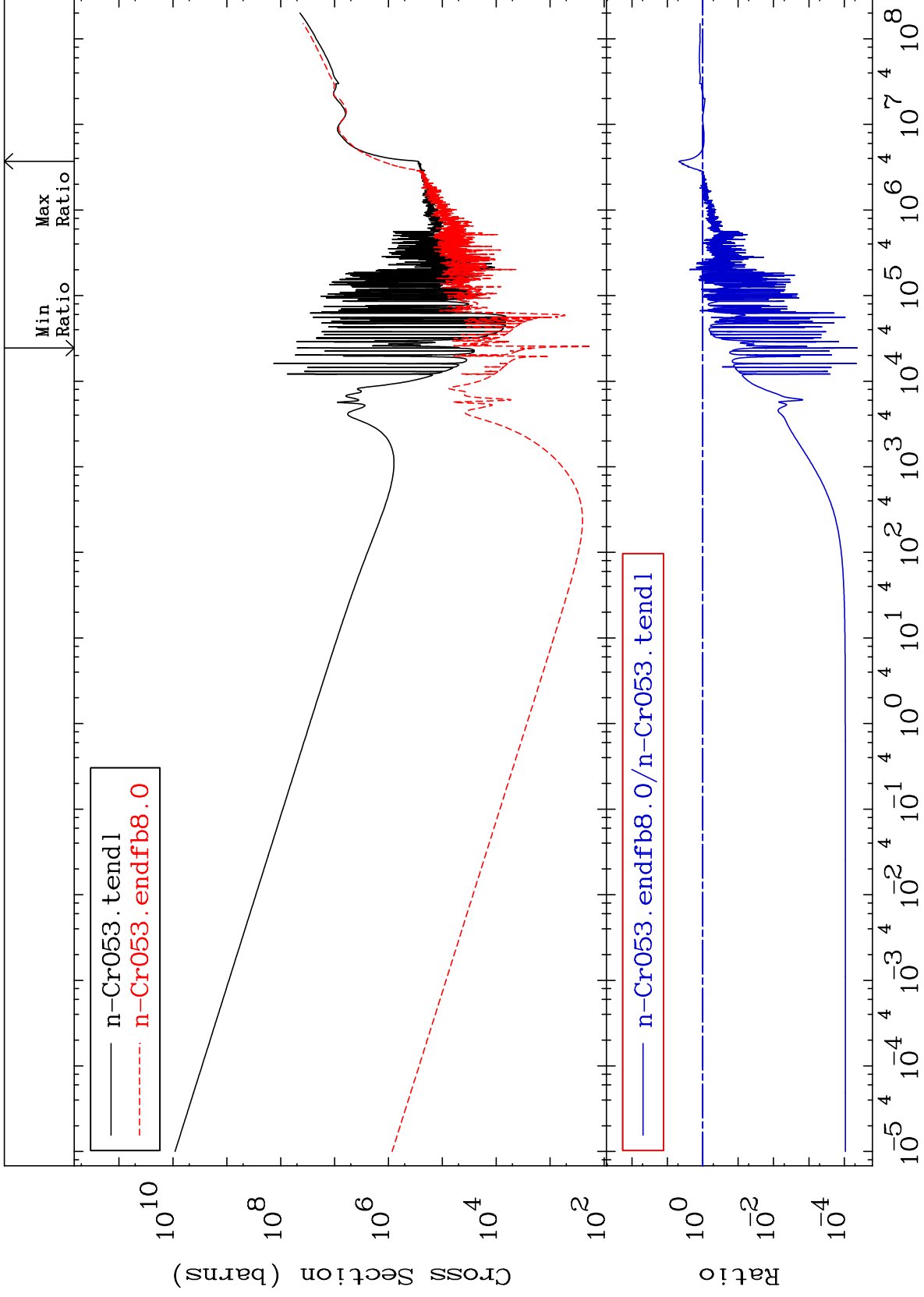


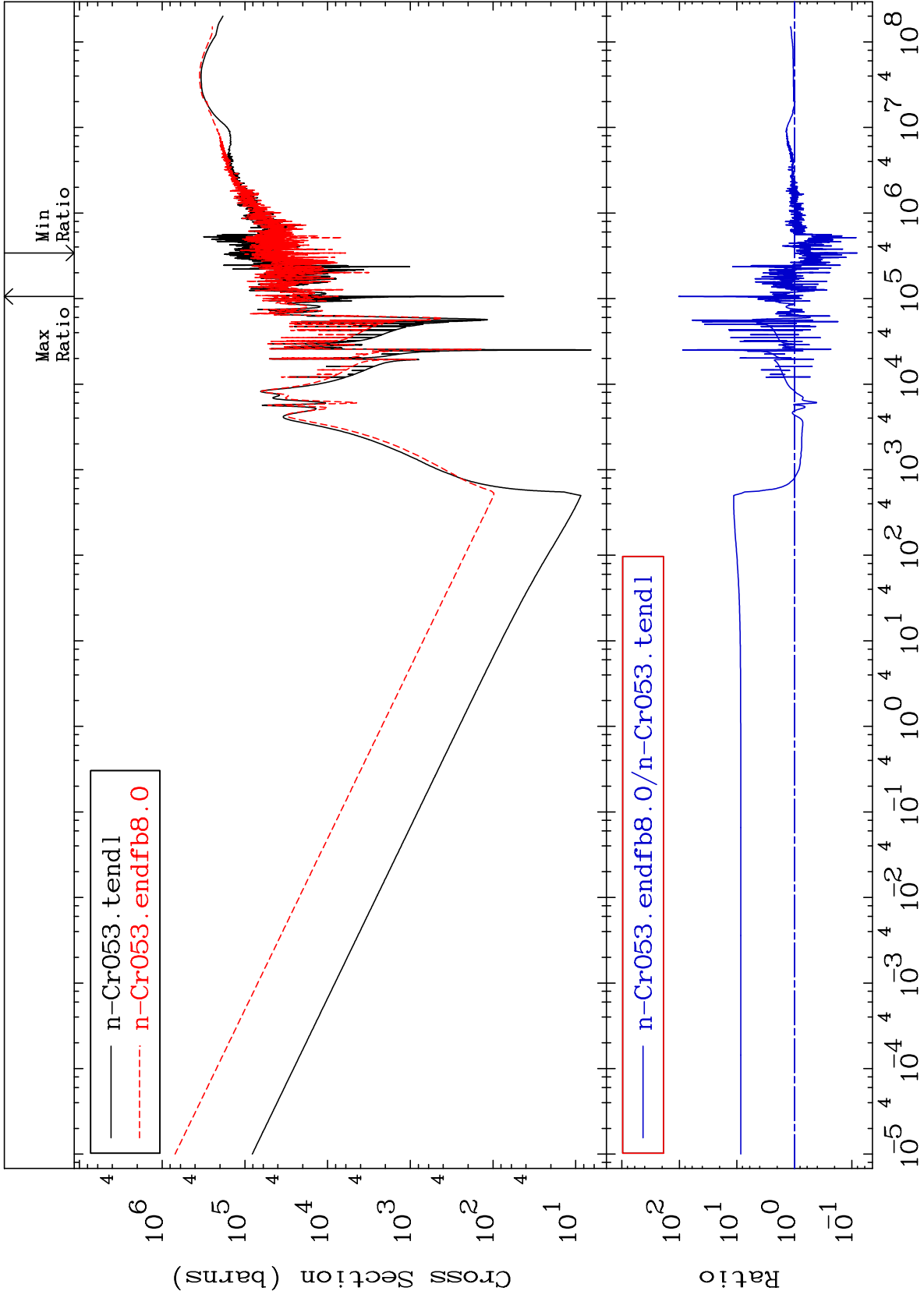
34

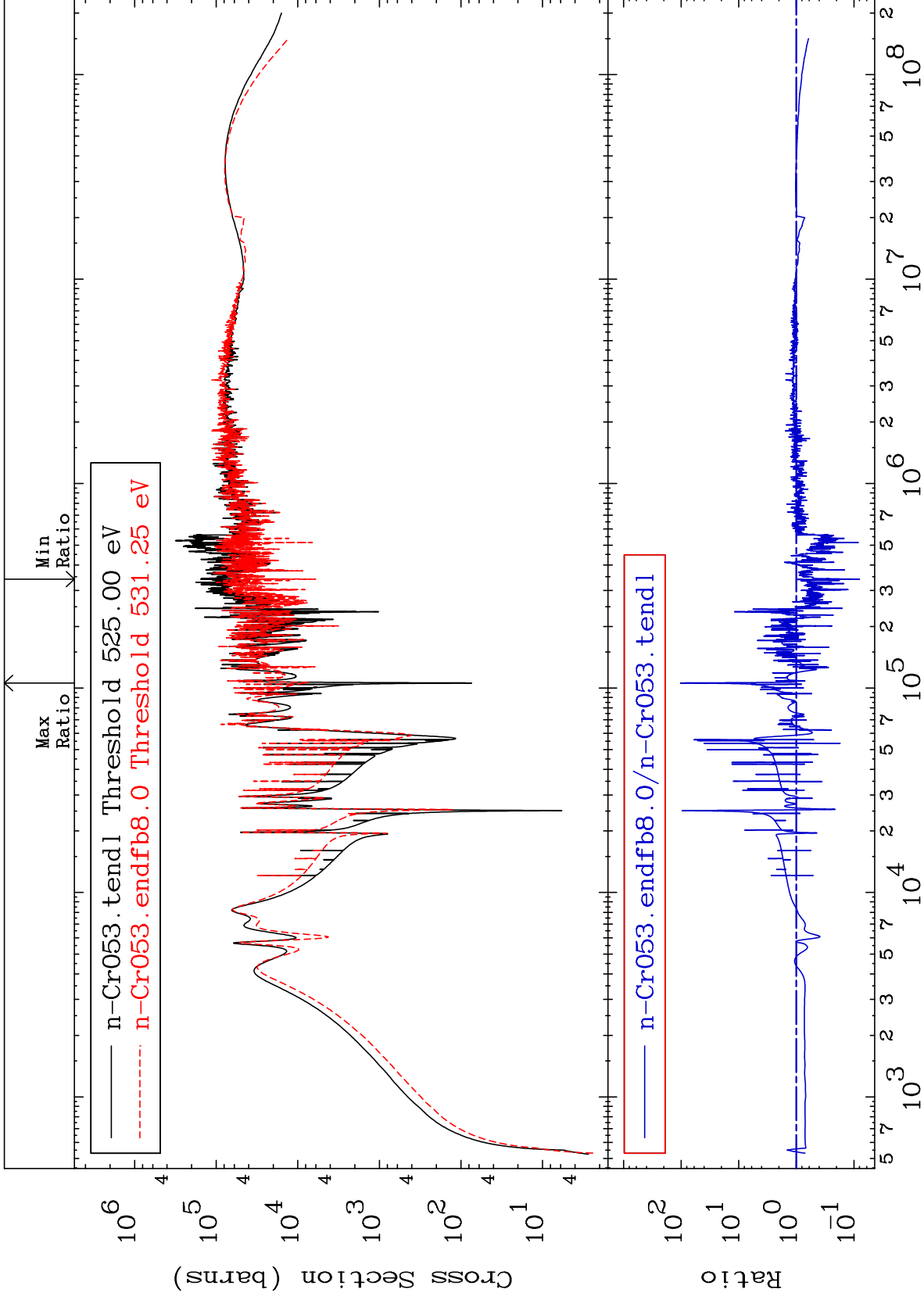
Incident Energy (eV)

24-Cr-53





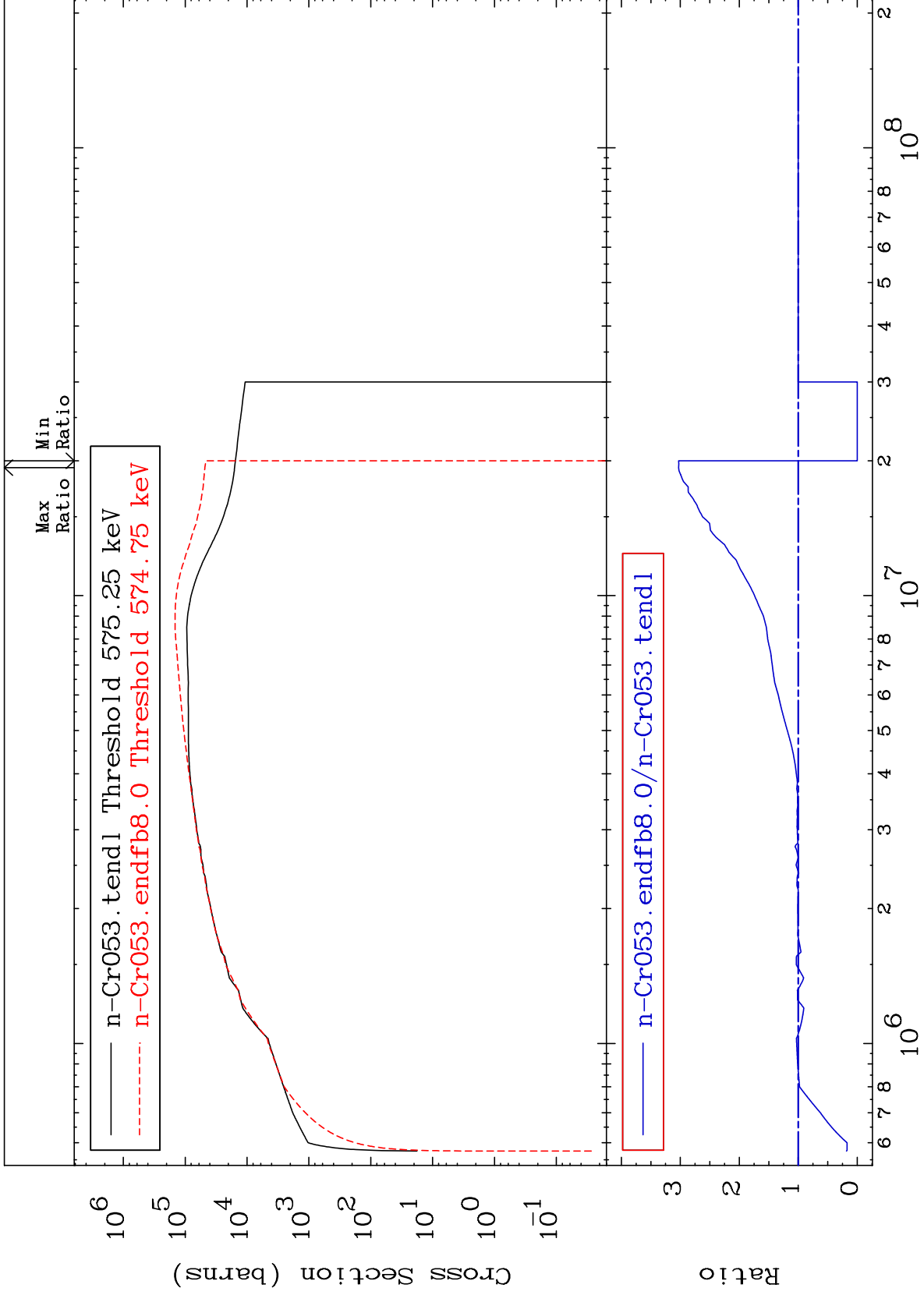




MAT 2434

Dpa inelastic (mt51-91)
Cross Section

24-Cr-53
-100.0 To 202.8 %



39

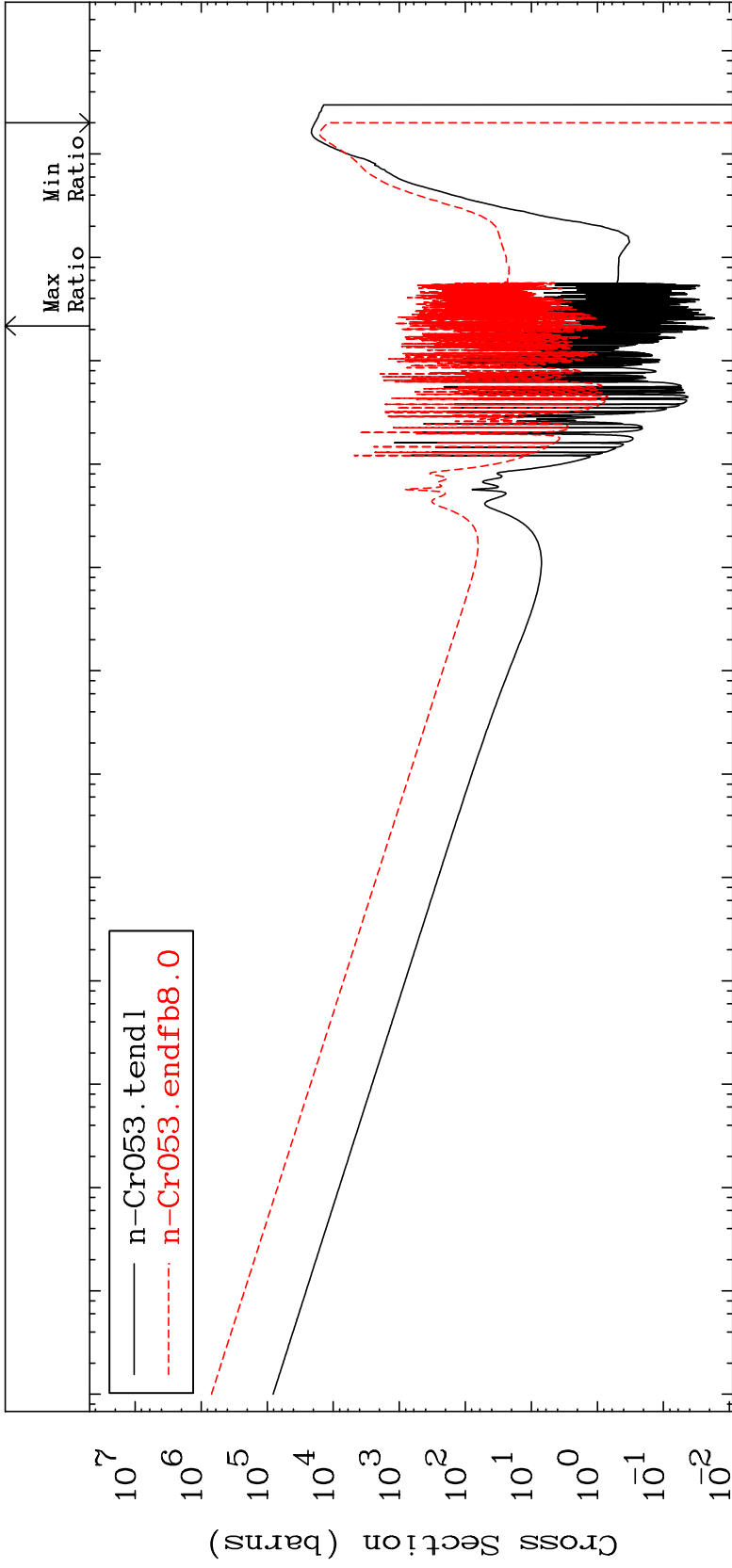
Incident Energy (eV)

24-Cr-53

MAT 2434

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-53
-100.0 To 9999. %



n-Cr053.endfb8.0/n-Cr053.tendl

