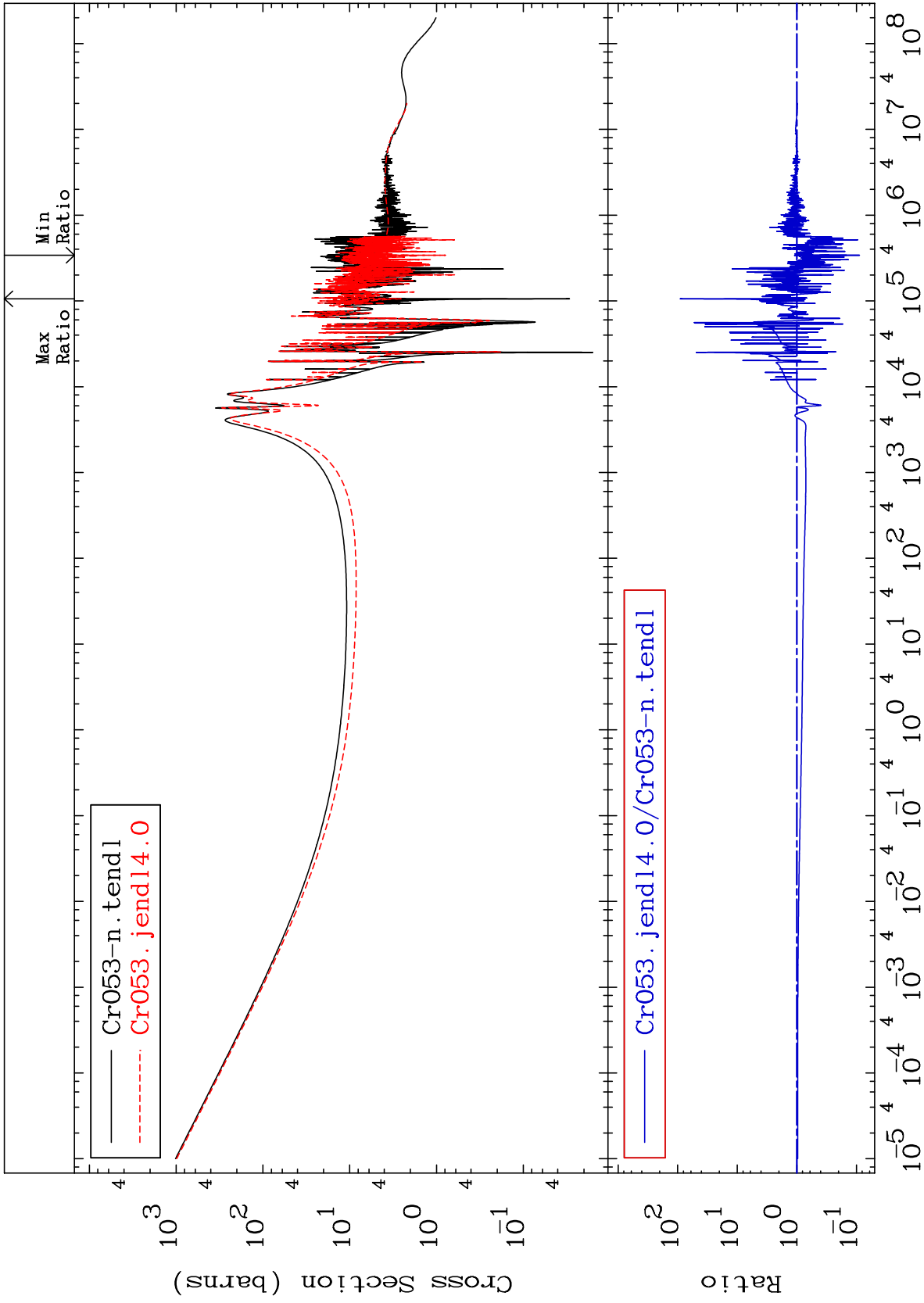


MAT 2434

Total
Cross Section

24-Cr-53
-91.10 To 8917. %



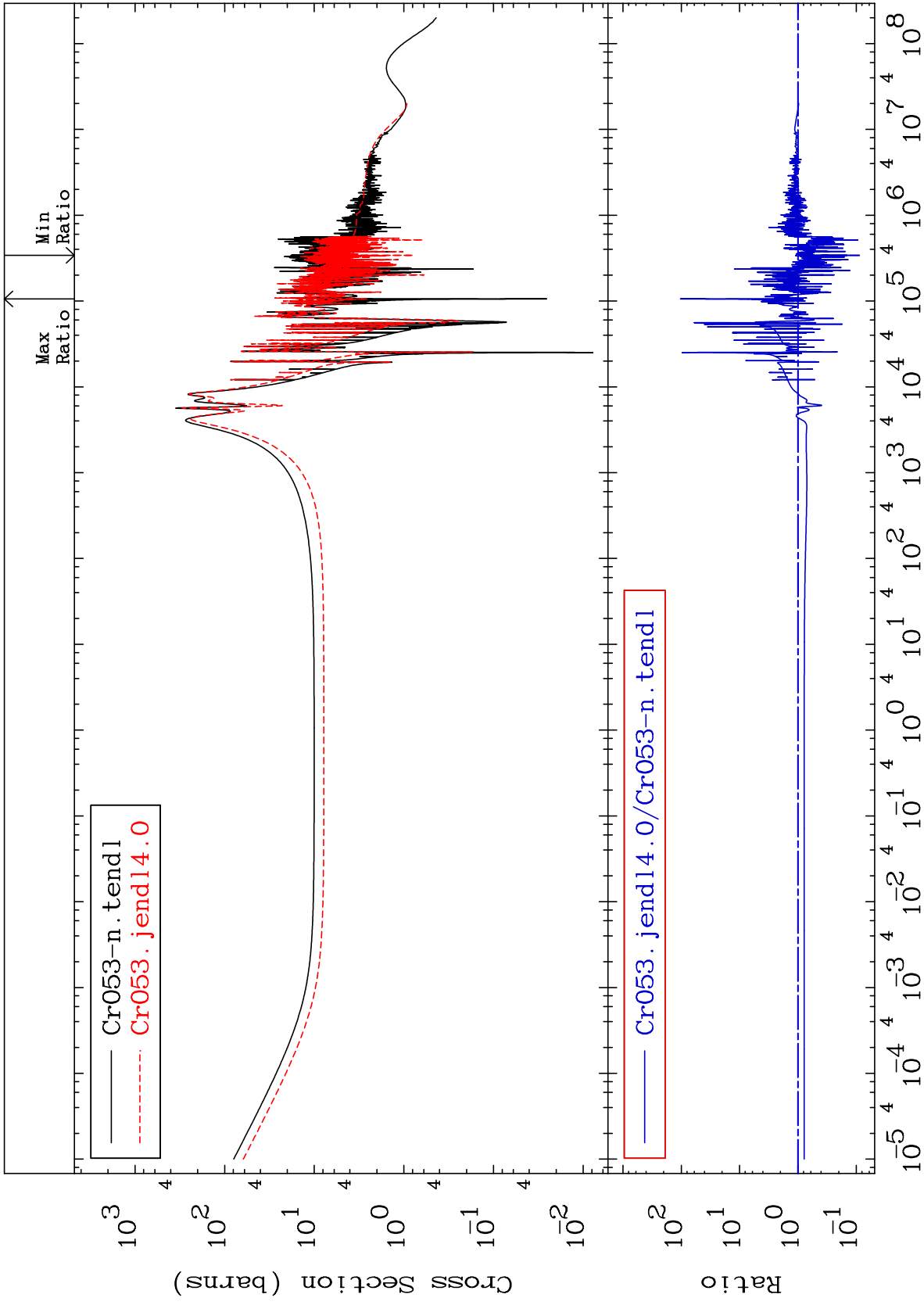
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic
Cross Section

24-Cr-53
-91.18 To 9999. %



Incident Energy (eV)

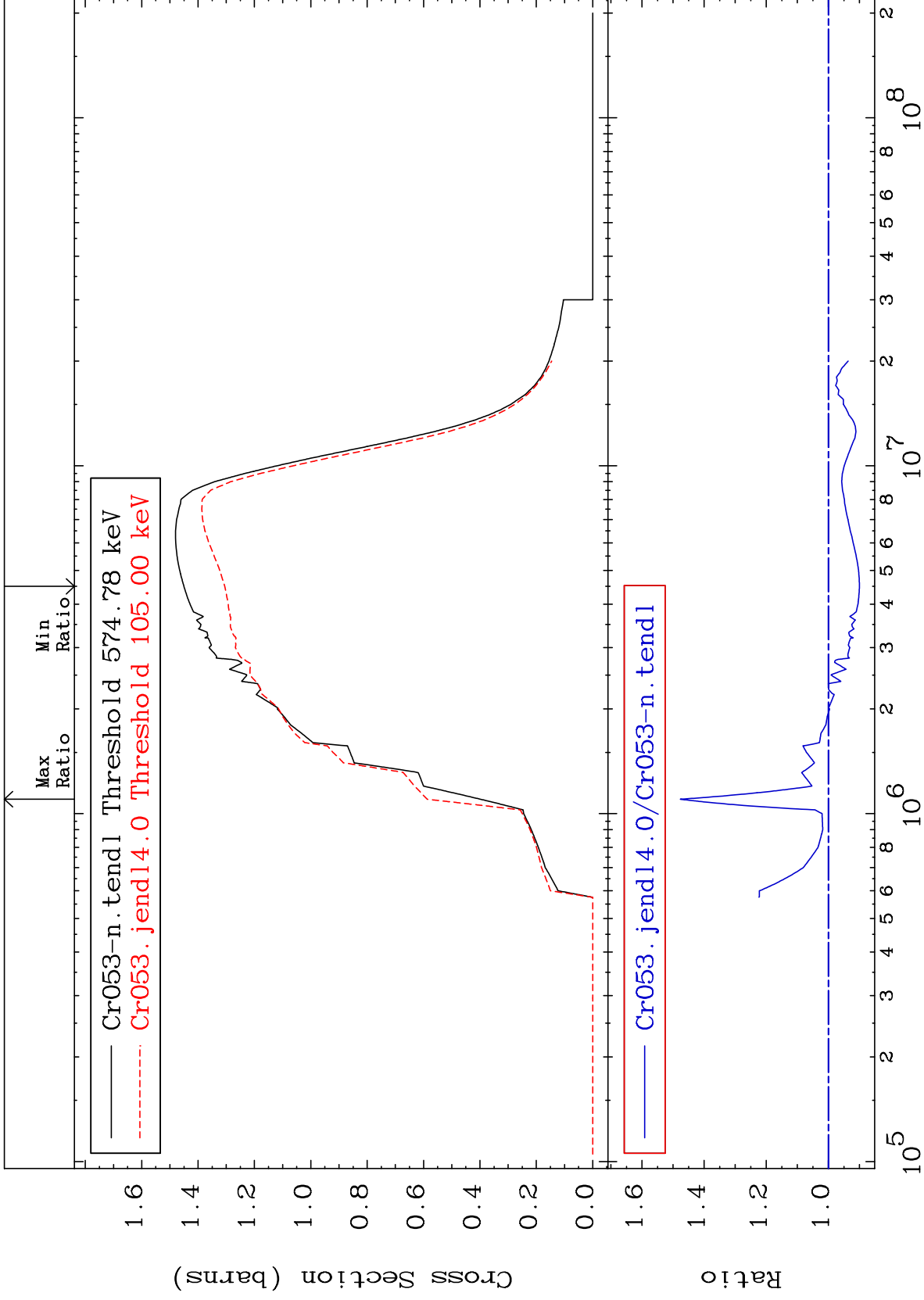
24-Cr-53

2

MAT 2434

Inelastic
Cross Section

²⁴Cr-53
-9.974 To 47.65 %



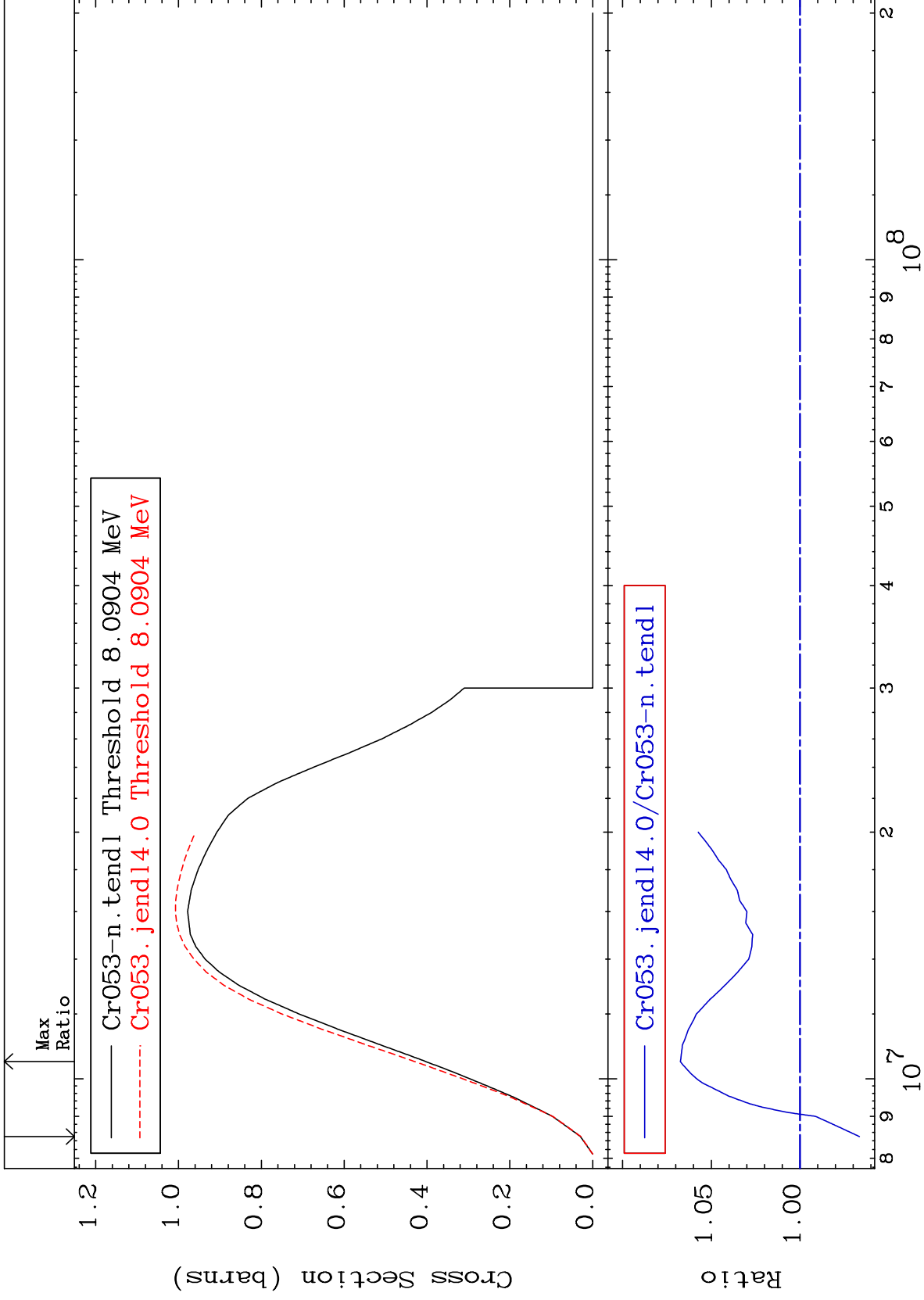
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n,2n)
Cross Section

²⁴Cr-53
-3.353 To 6.744 %



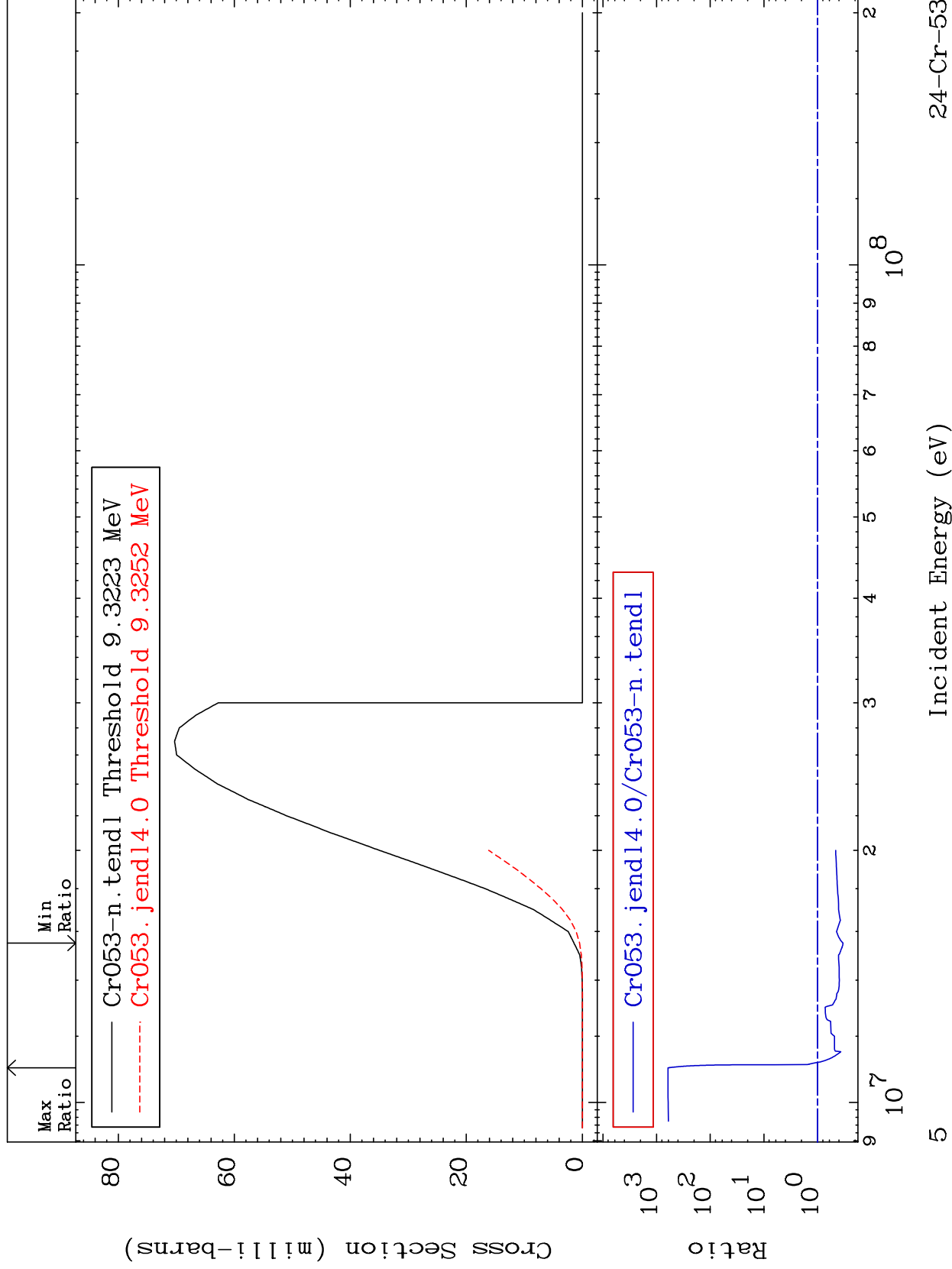
Incident Energy (eV)

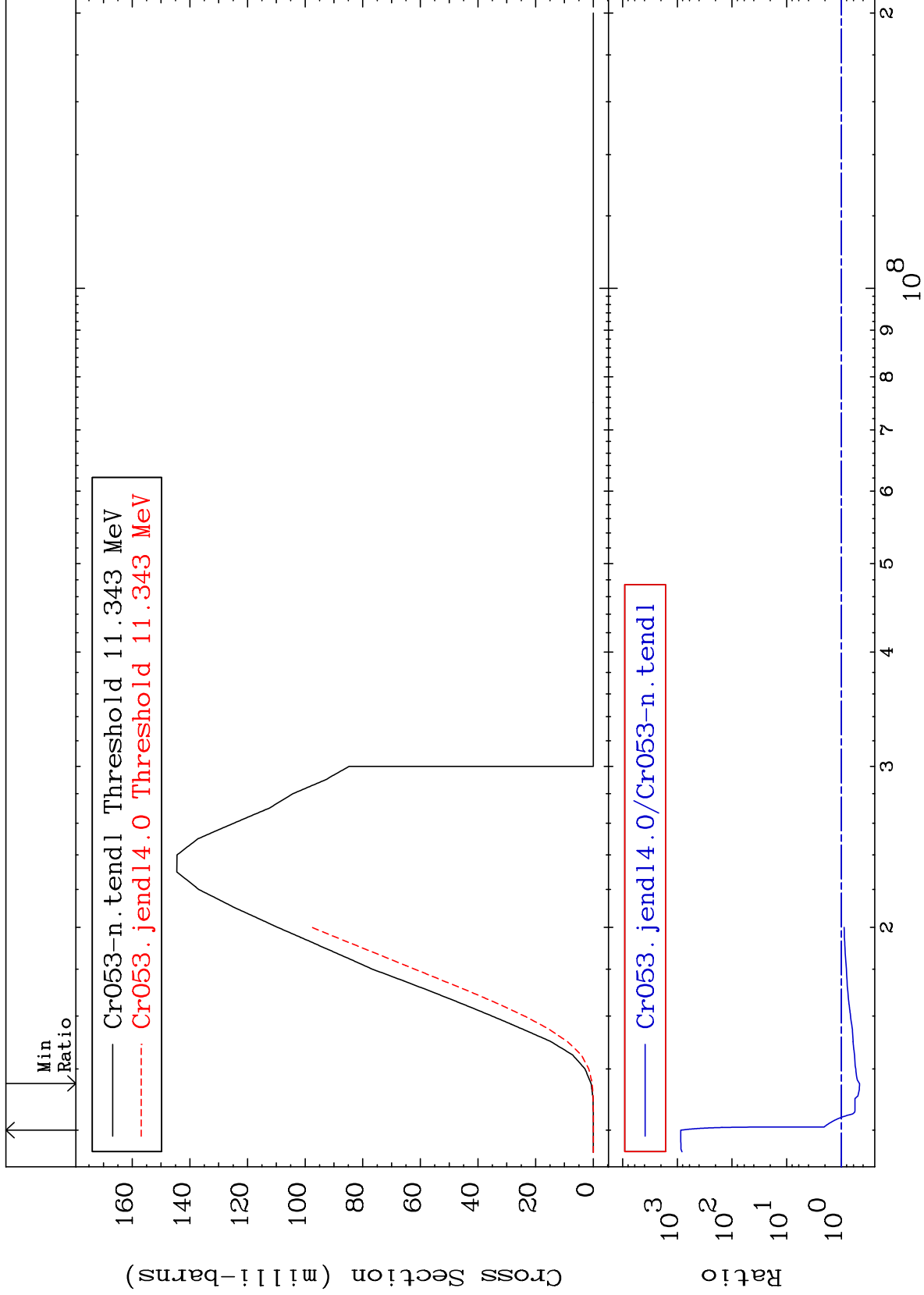
²⁴Cr-53

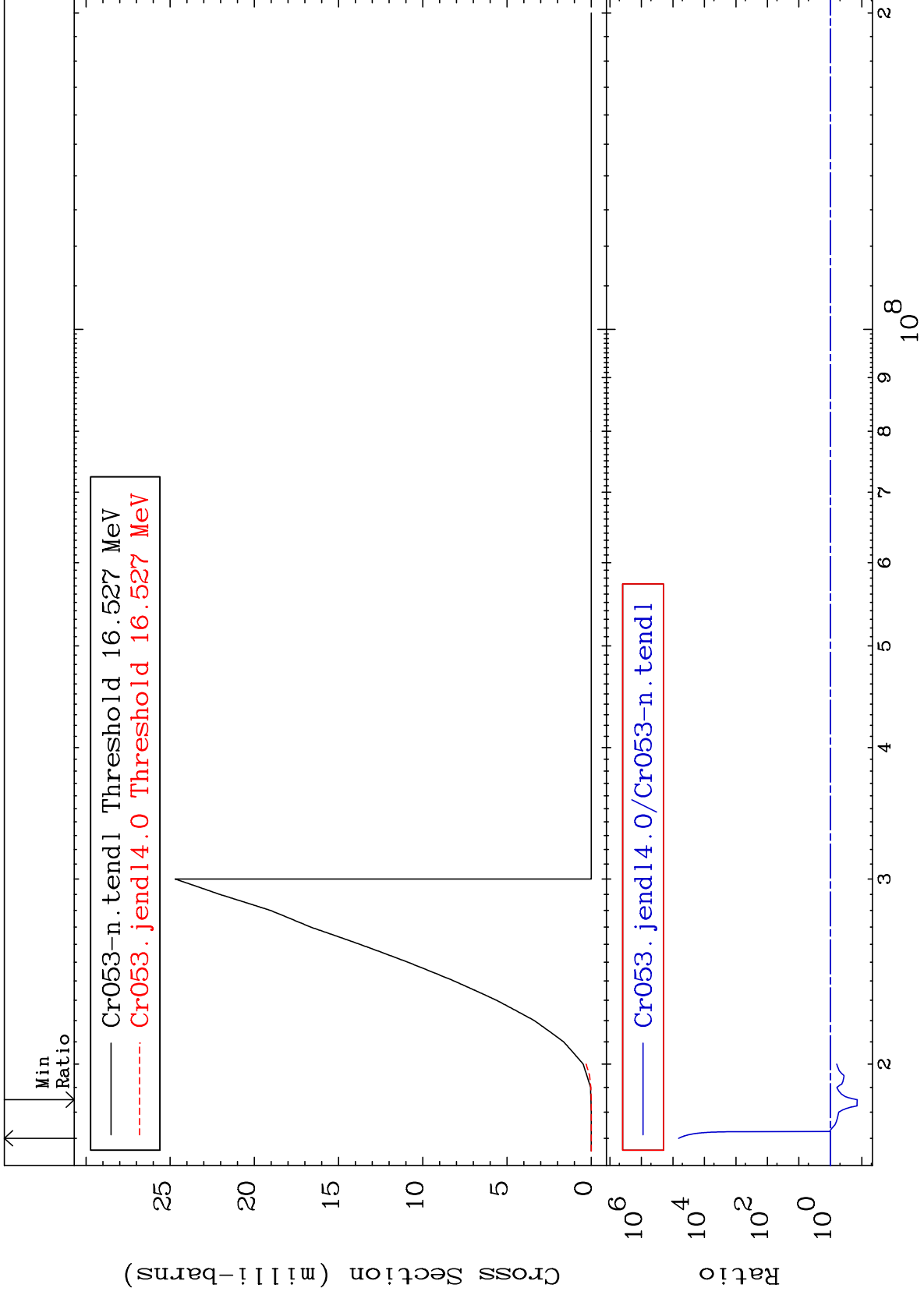
MAT 2434

(n, n') α
Cross Section

²⁴Cr-53
-66.47 To 9999. %



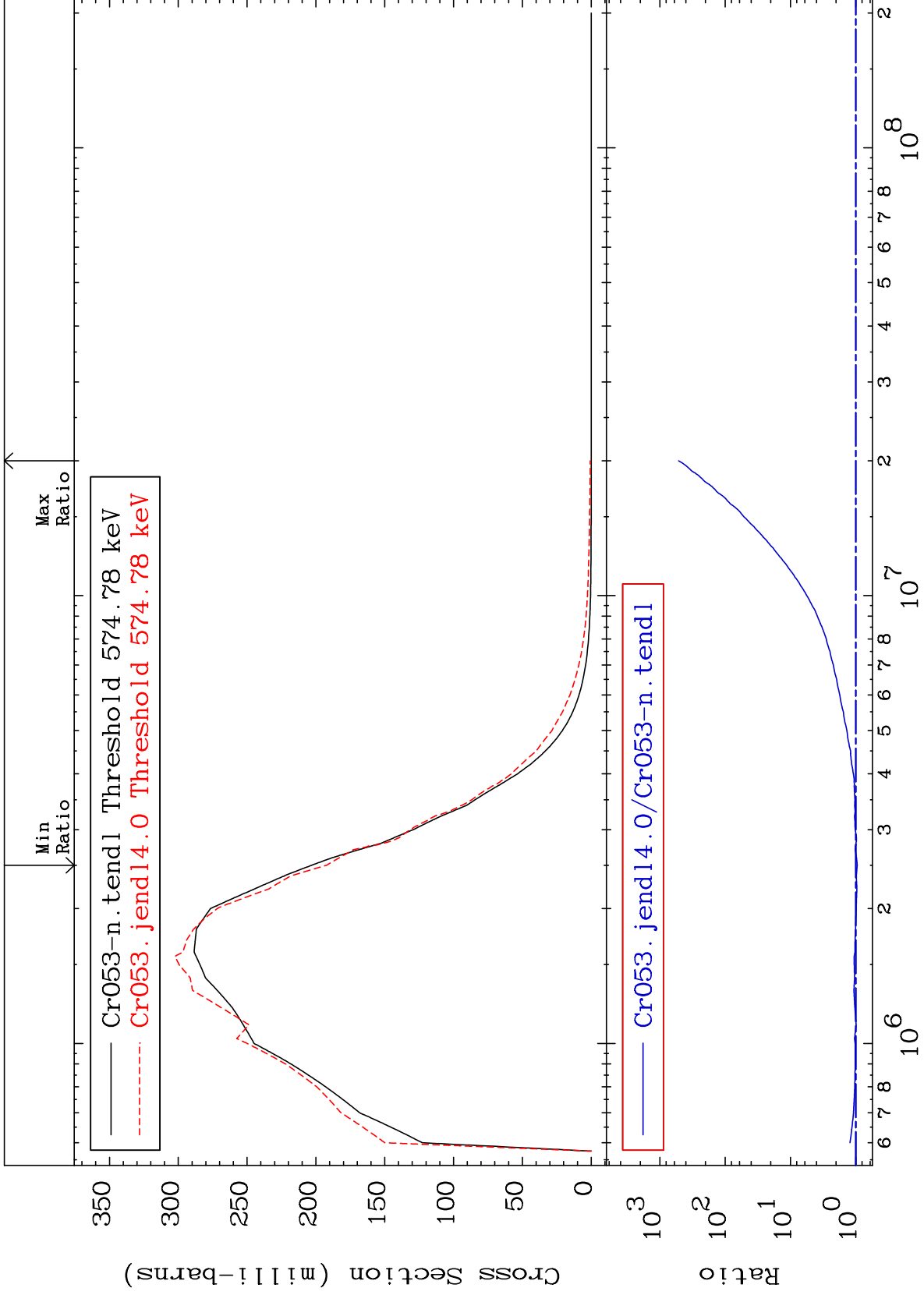




MAT 2434

564.0 keV (n,n') Level
Cross Section

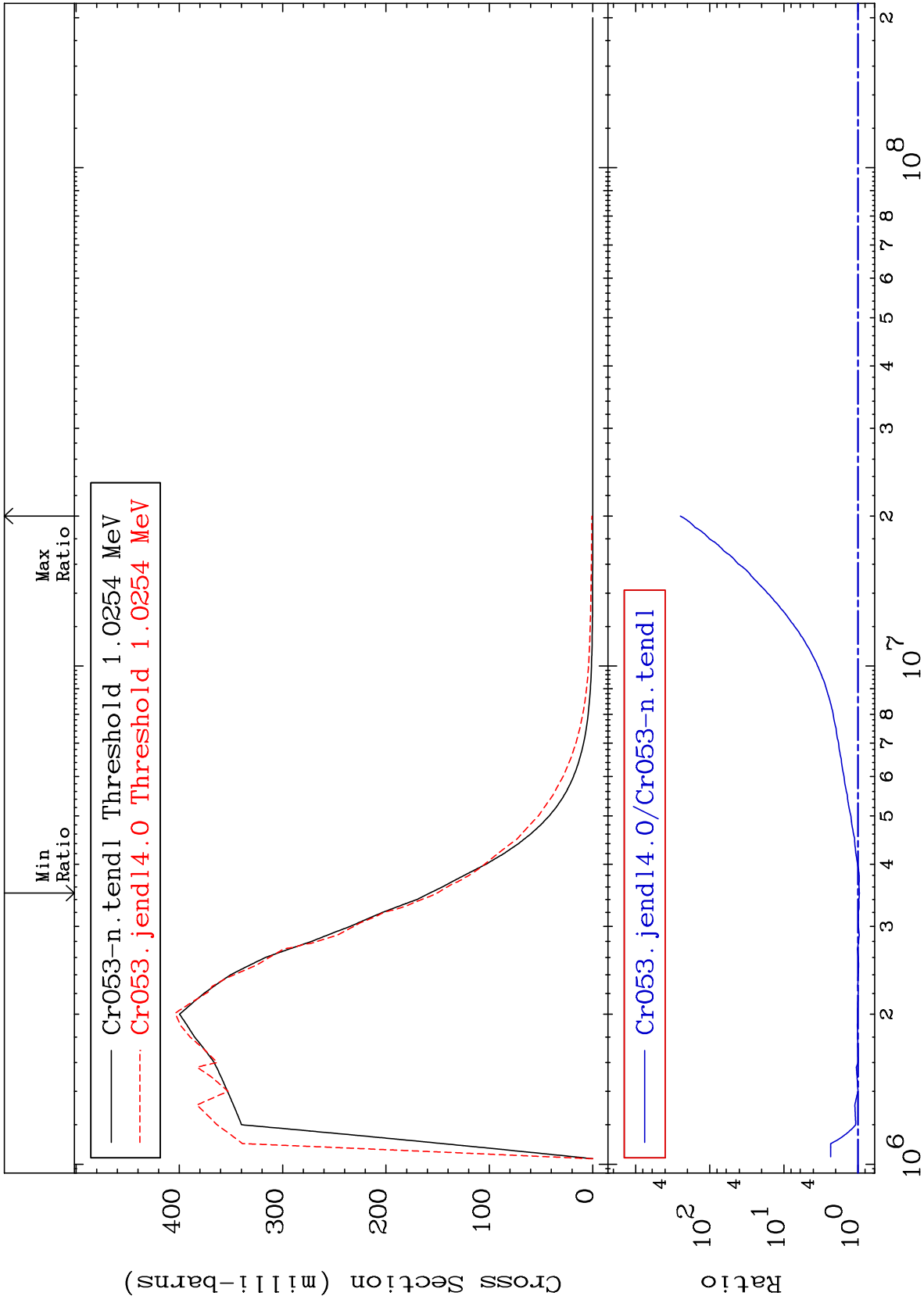
24-Cr-53
-5.330 To 9999. %



MAT 2434

1.006 MeV (n,n') Level
Cross Section

24-Cr-53
-4.528 To 9999. %



9

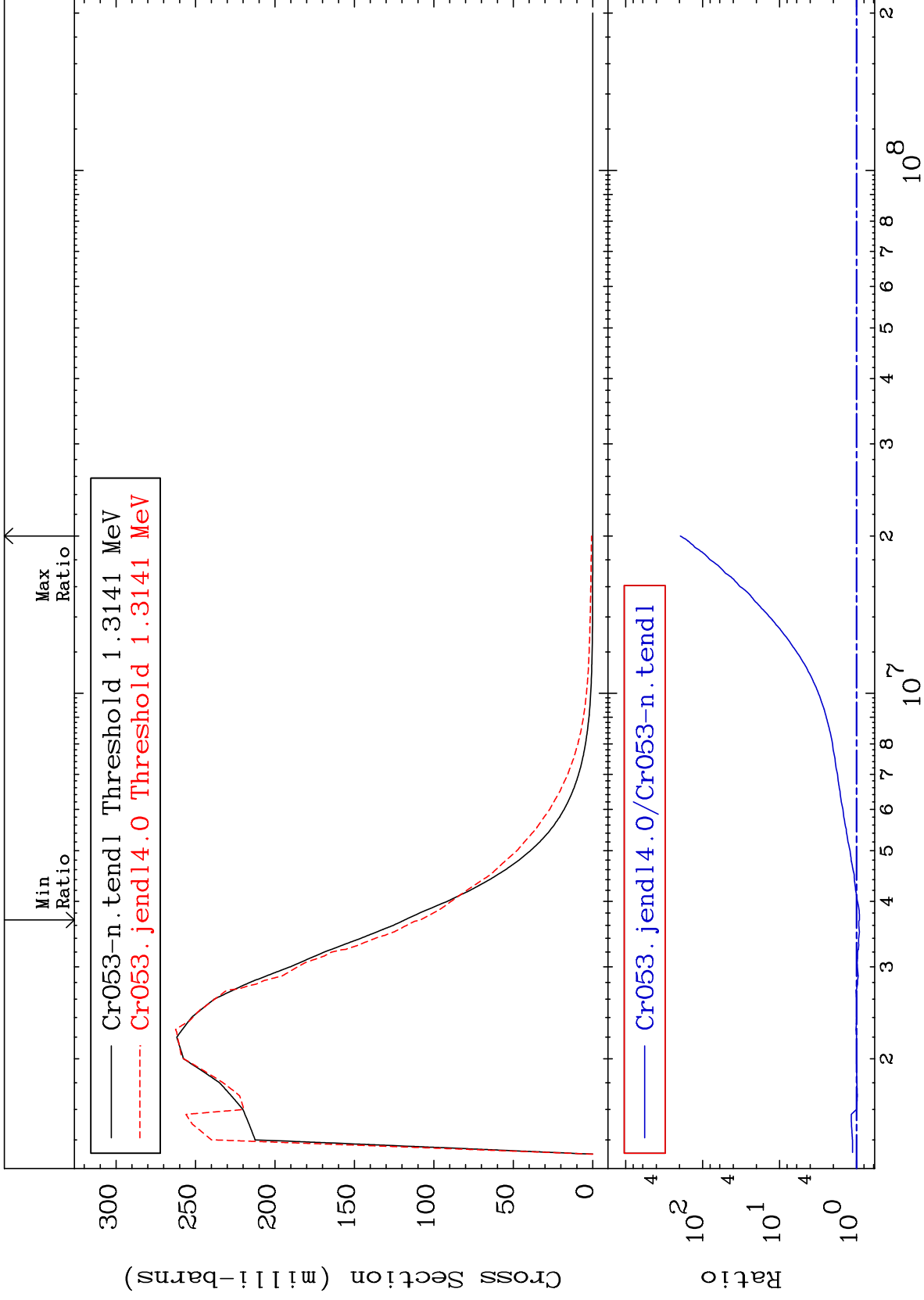
24-Cr-53

24-Cr-53

MAT 2434

1.290 MeV (n,n') Level
Cross Section

24-Cr-53
-8.337 To 9999. %



10

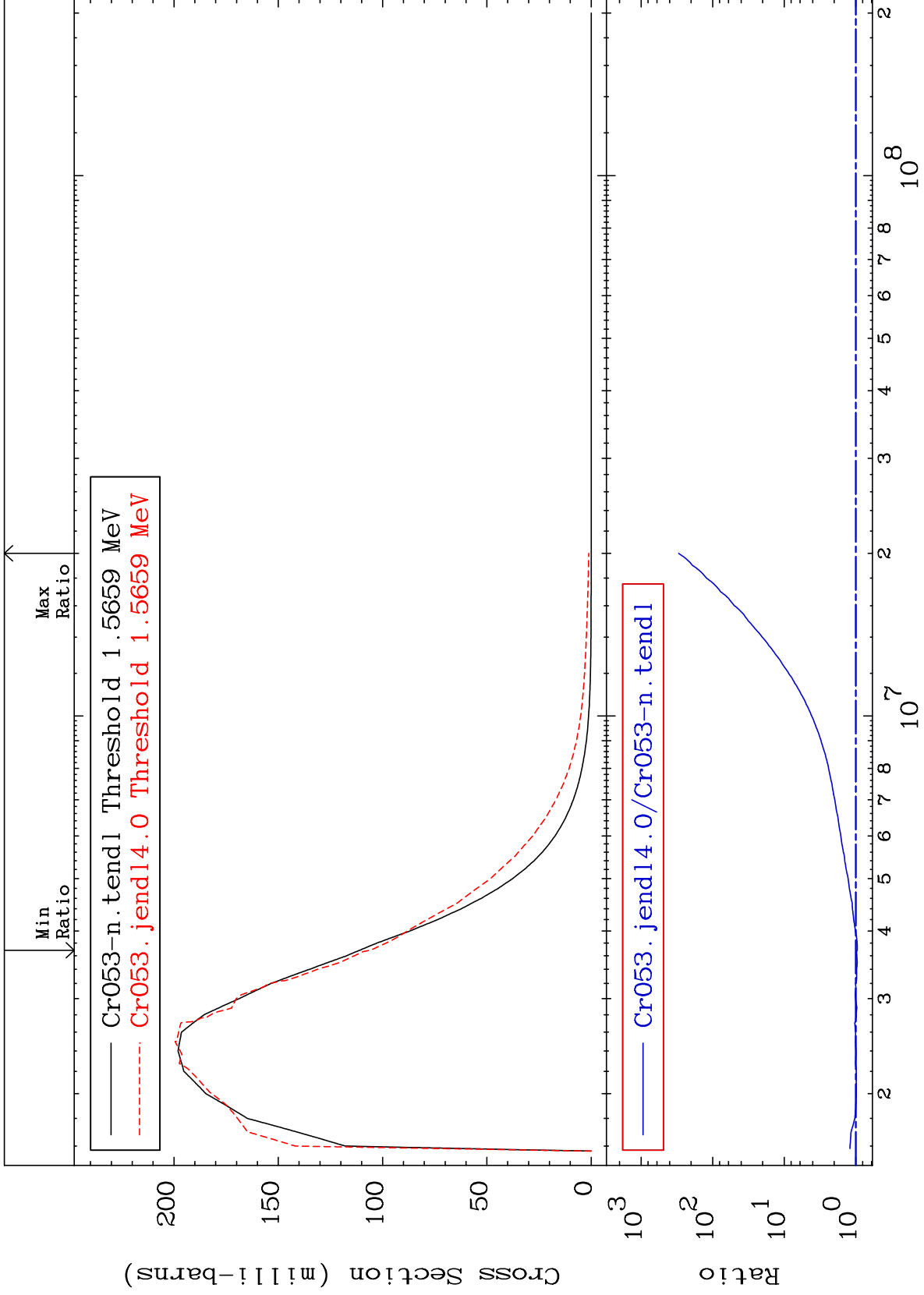
Incident Energy (eV)

24-Cr-53

MAT 2434

1.537 MeV (n,n') Level
Cross Section

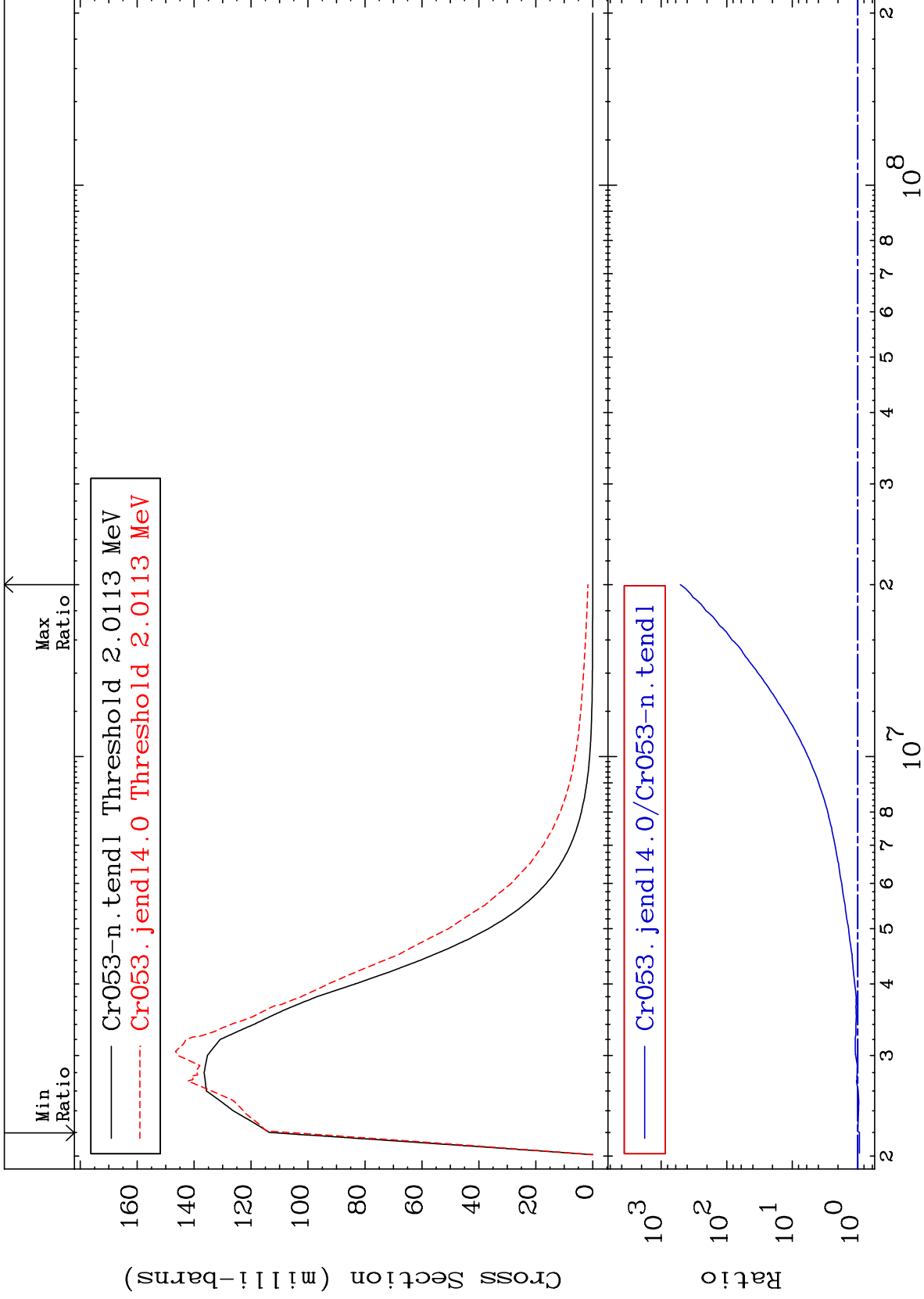
24-Cr-53
-4.677 To 9999. %



MAT 2434

1.974 MeV (n,n') Level
Cross Section

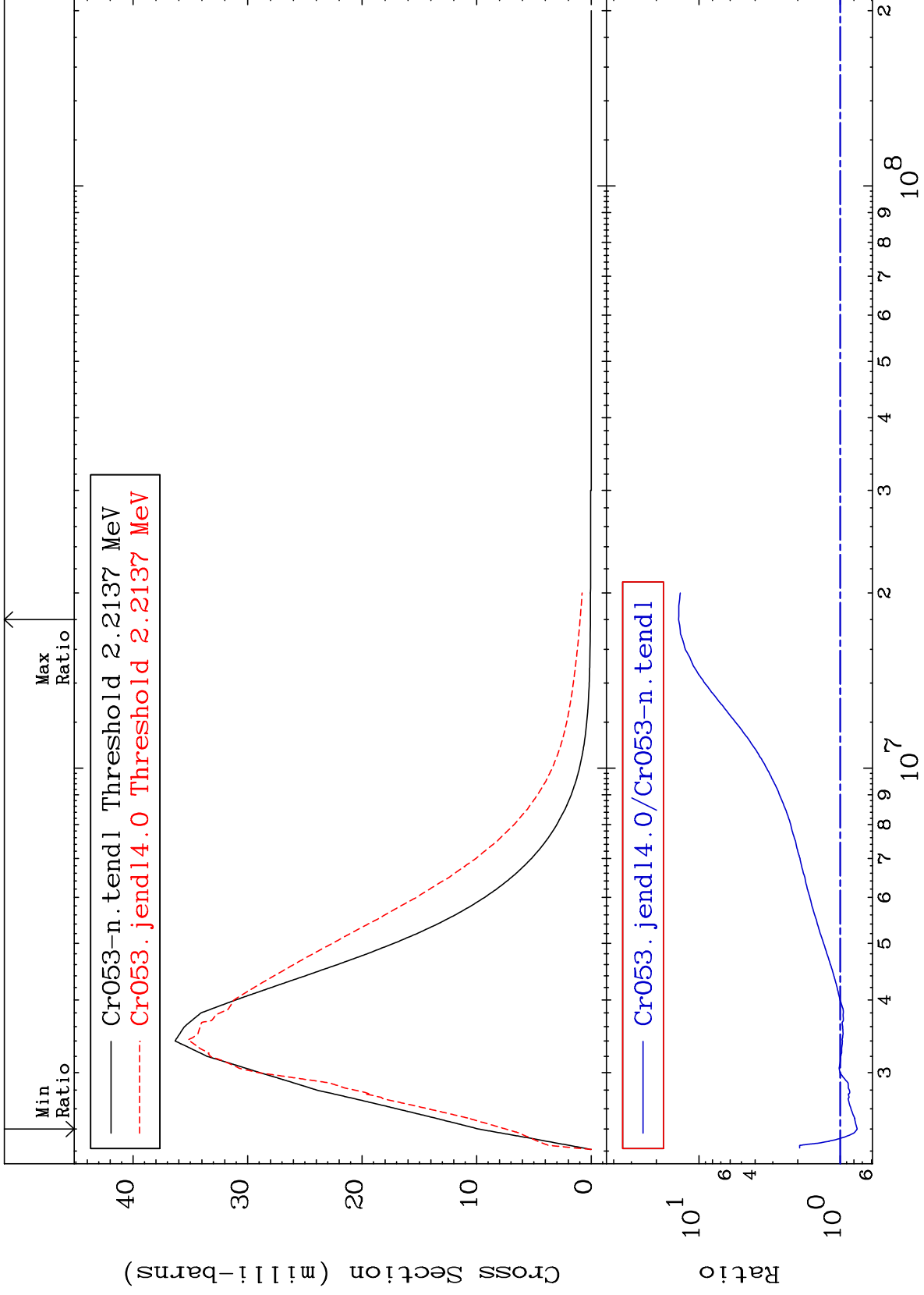
24-Cr-53
-5.802 To 9999. %



MAT 2434

2.172 MeV (n,n') Level
Cross Section

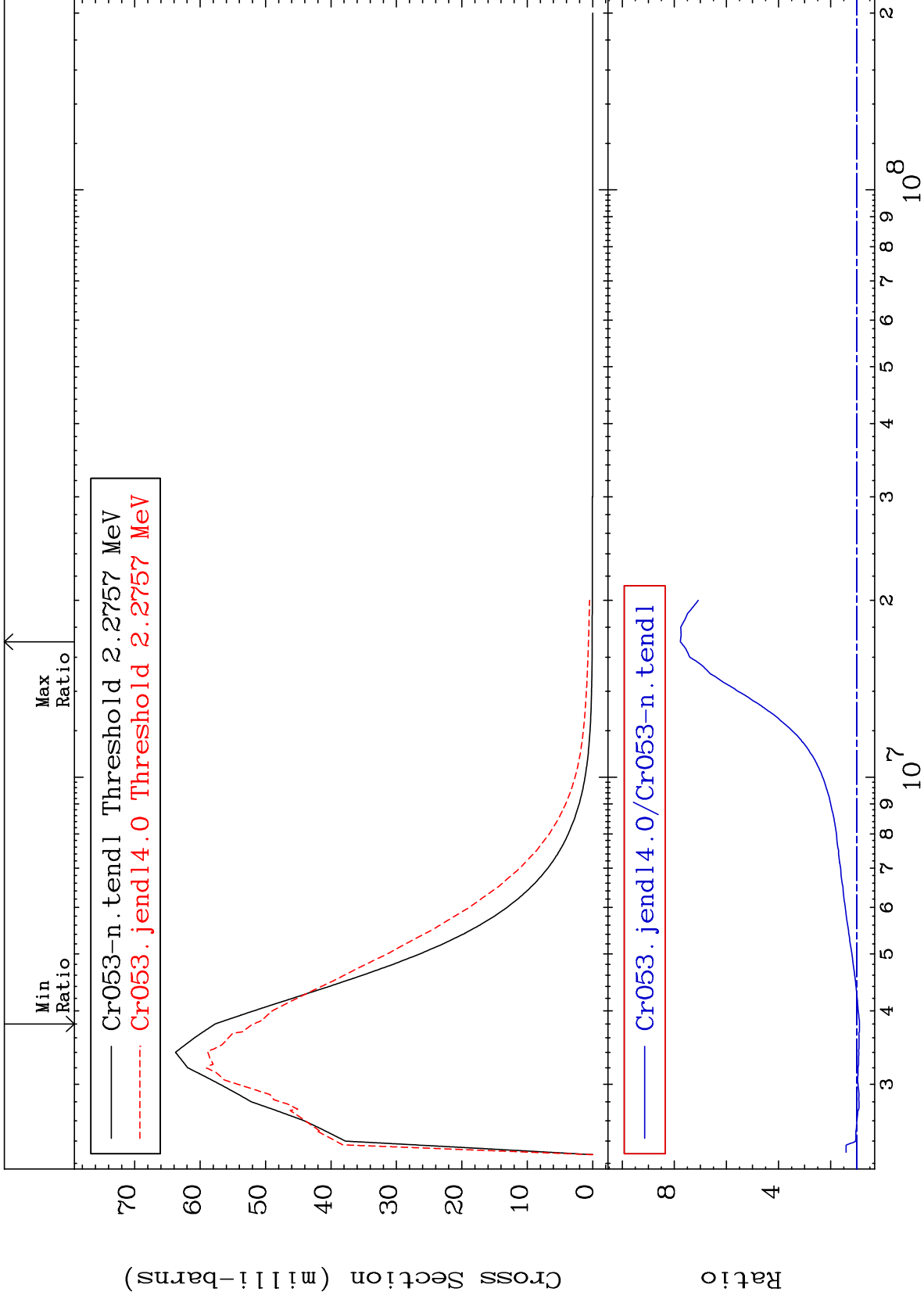
24-Cr-53
-24.20 To 1291. %



MAT 2434

2.233 MeV (n,n') Level
Cross Section

24-Cr-53
-10.27 To 677.0 %



14

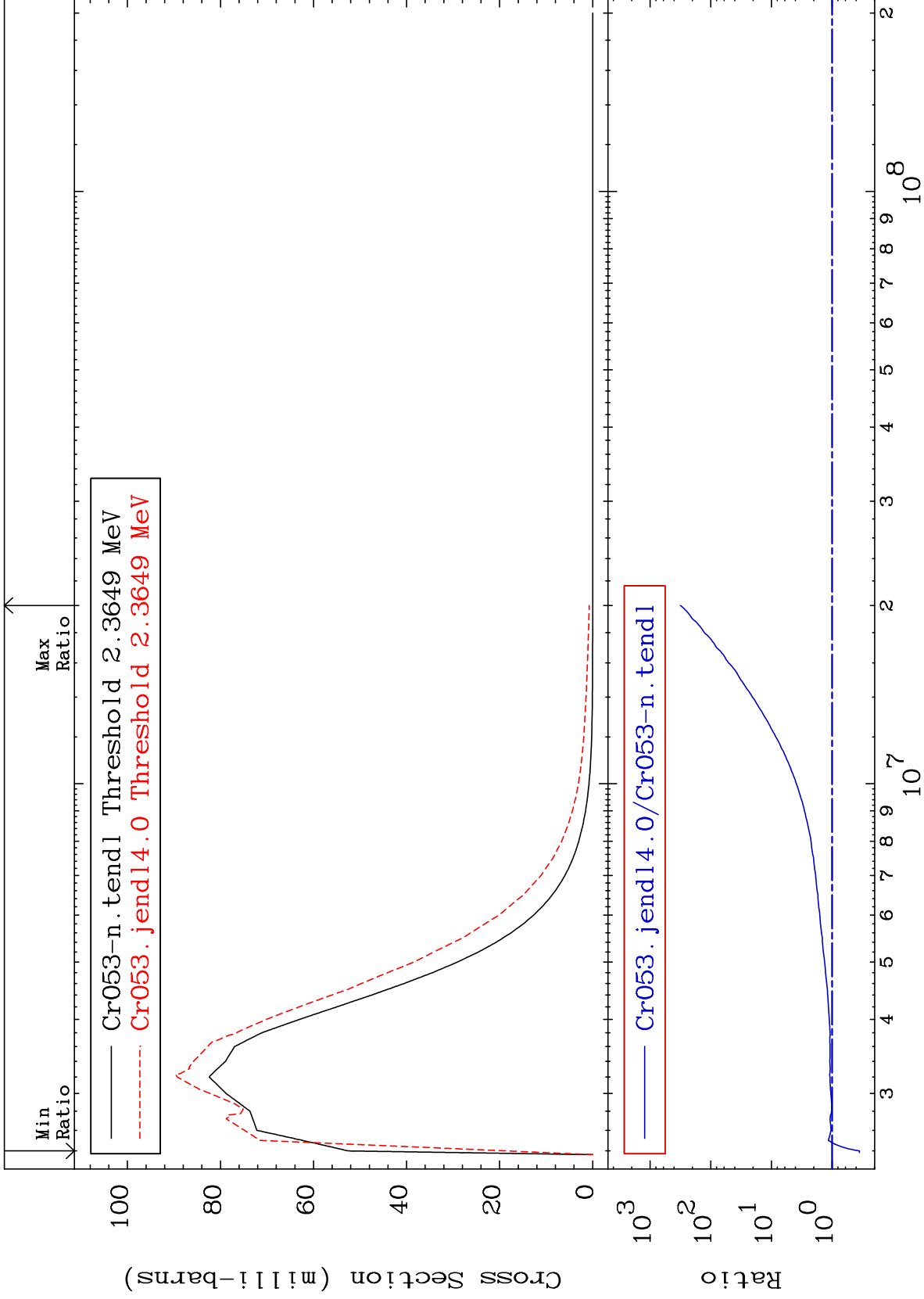
Incident Energy (eV)

24-Cr-53

MAT 2434

2.321 MeV (n,n') Level
Cross Section

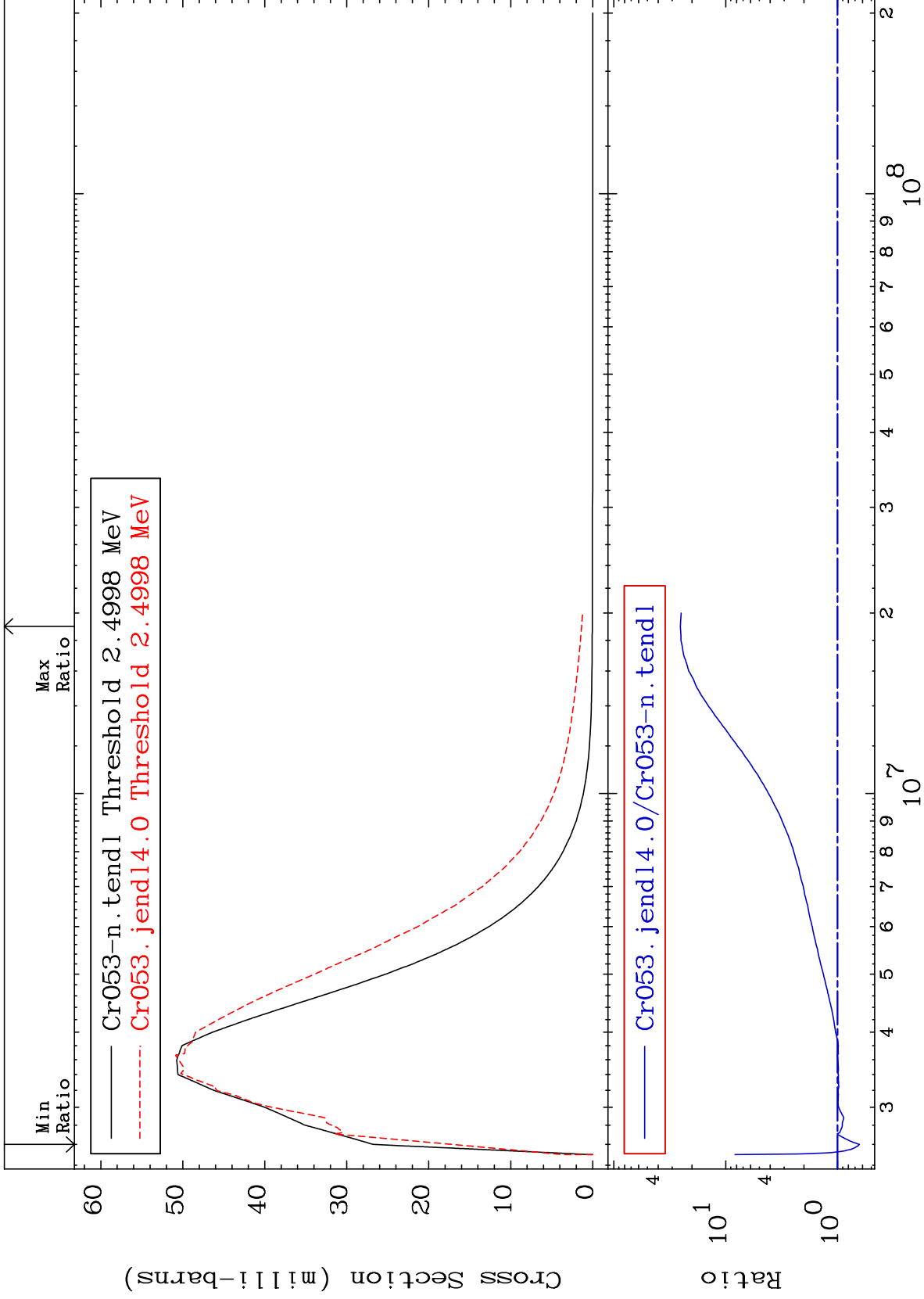
24-Cr-53
-64.63 To 9999. %



MAT 2434

2.453 MeV (n,n') Level
Cross Section

24-Cr-53
-36.14 To 2441. %



16

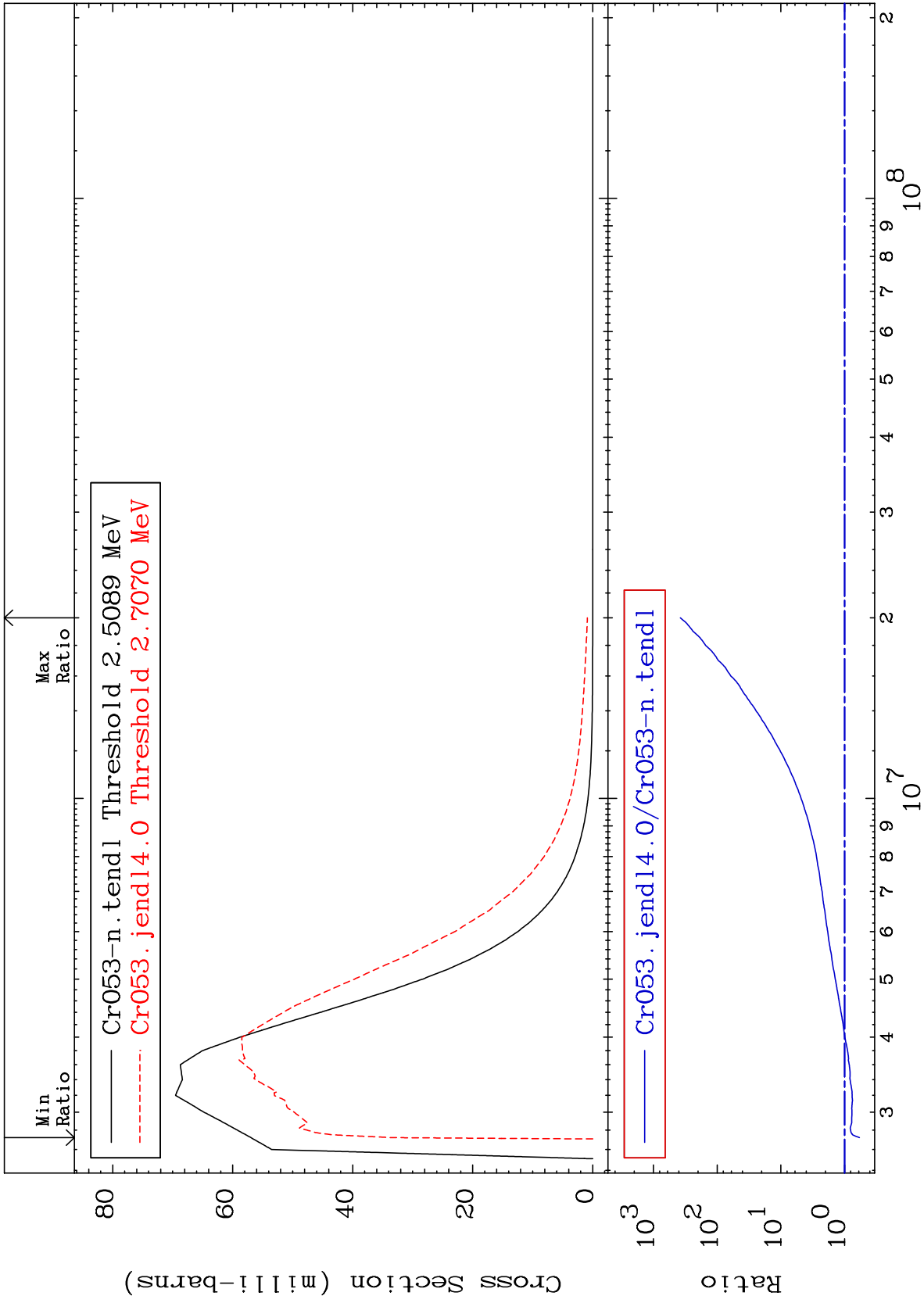
24-Cr-53

24-Cr-53

MAT 2434

2.462 MeV (n,n') Level
Cross Section

24-Cr-53
-41.50 To 9999. %



17

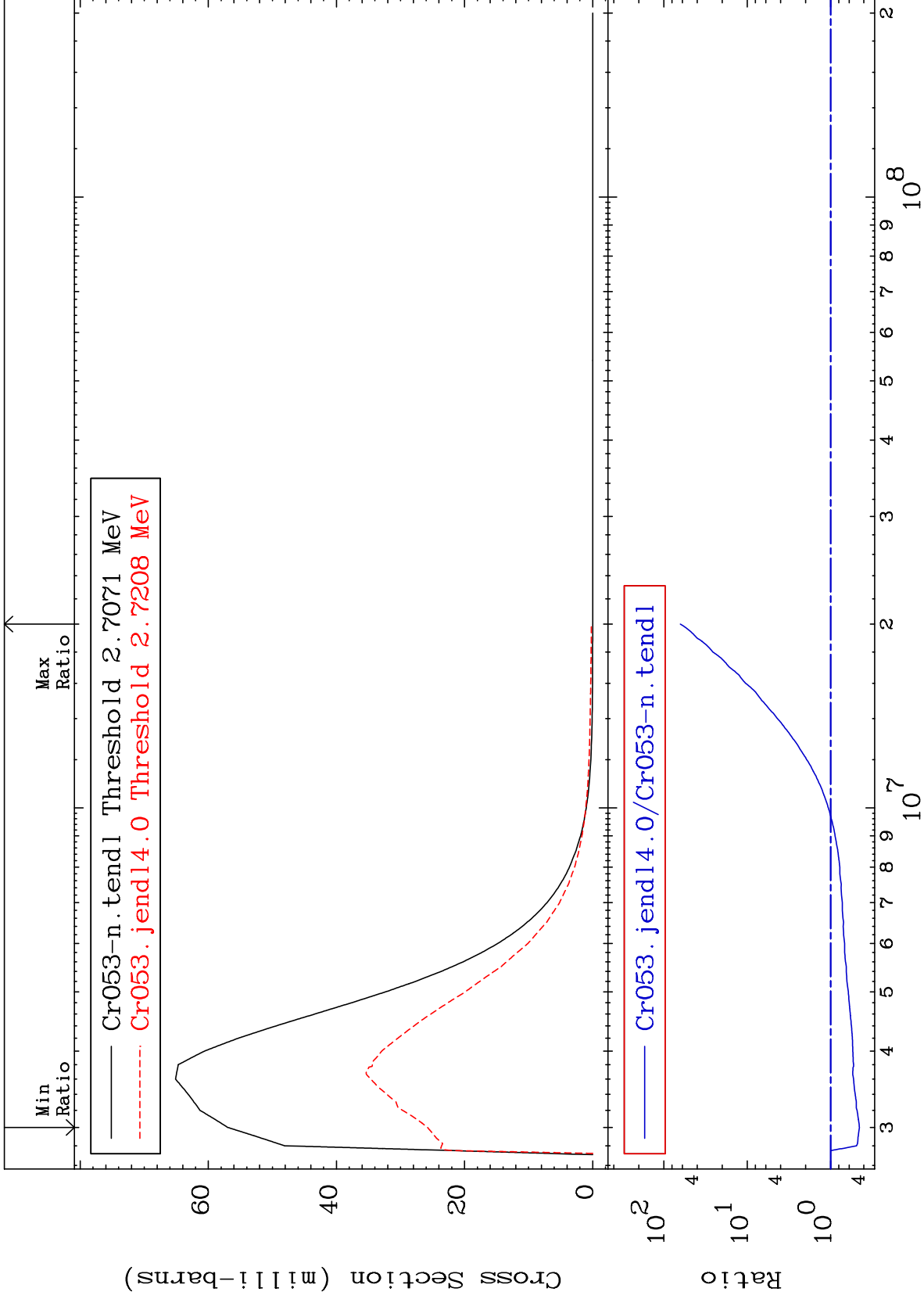
24-Cr-53

24-Cr-53

MAT 2434

2.657 MeV (n,n') Level
Cross Section

24-Cr-53
-54.74 To 6254. %



18

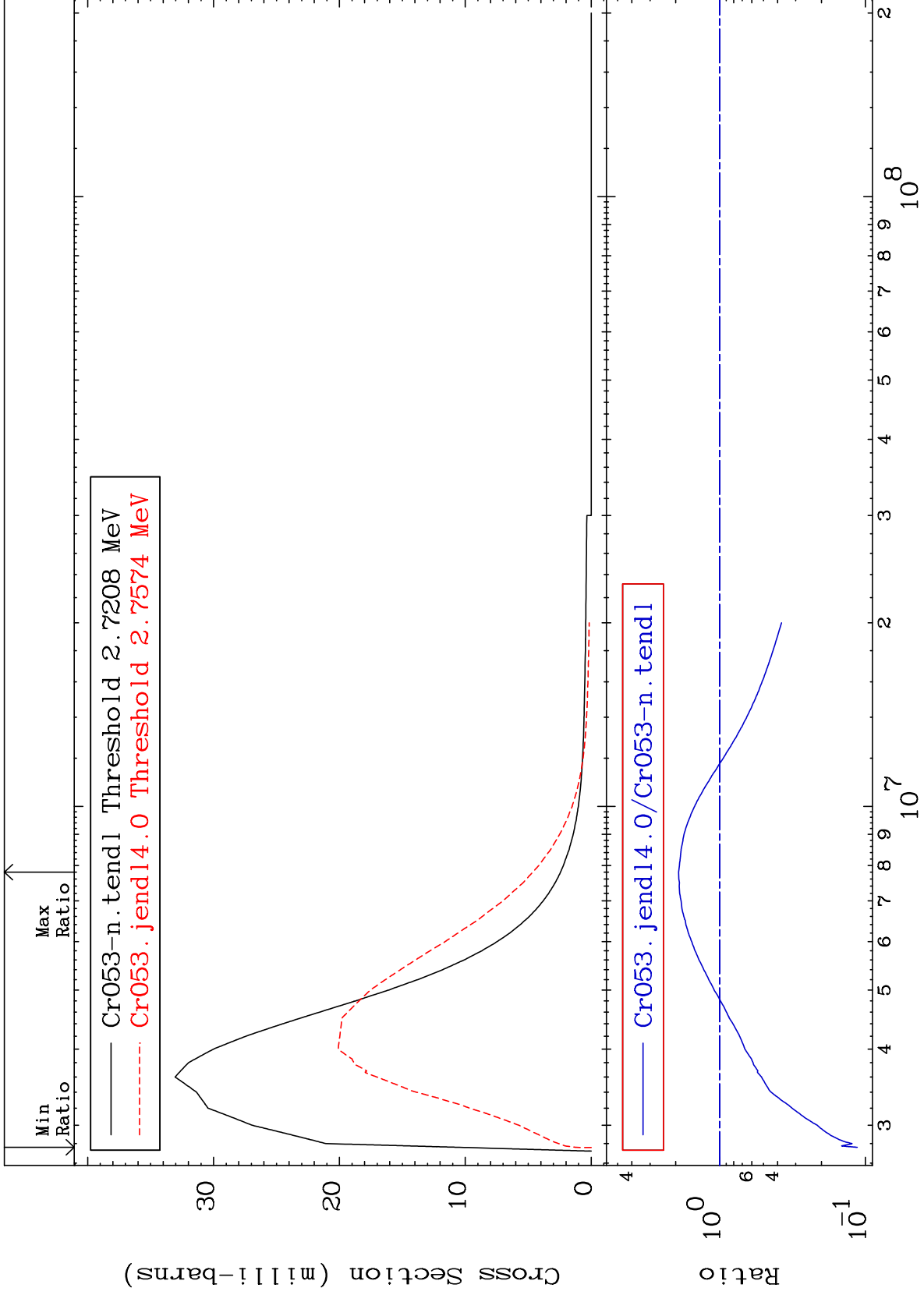
24-Cr-53

24-Cr-53

MAT 2434

2.670 MeV (n,n') Level
Cross Section

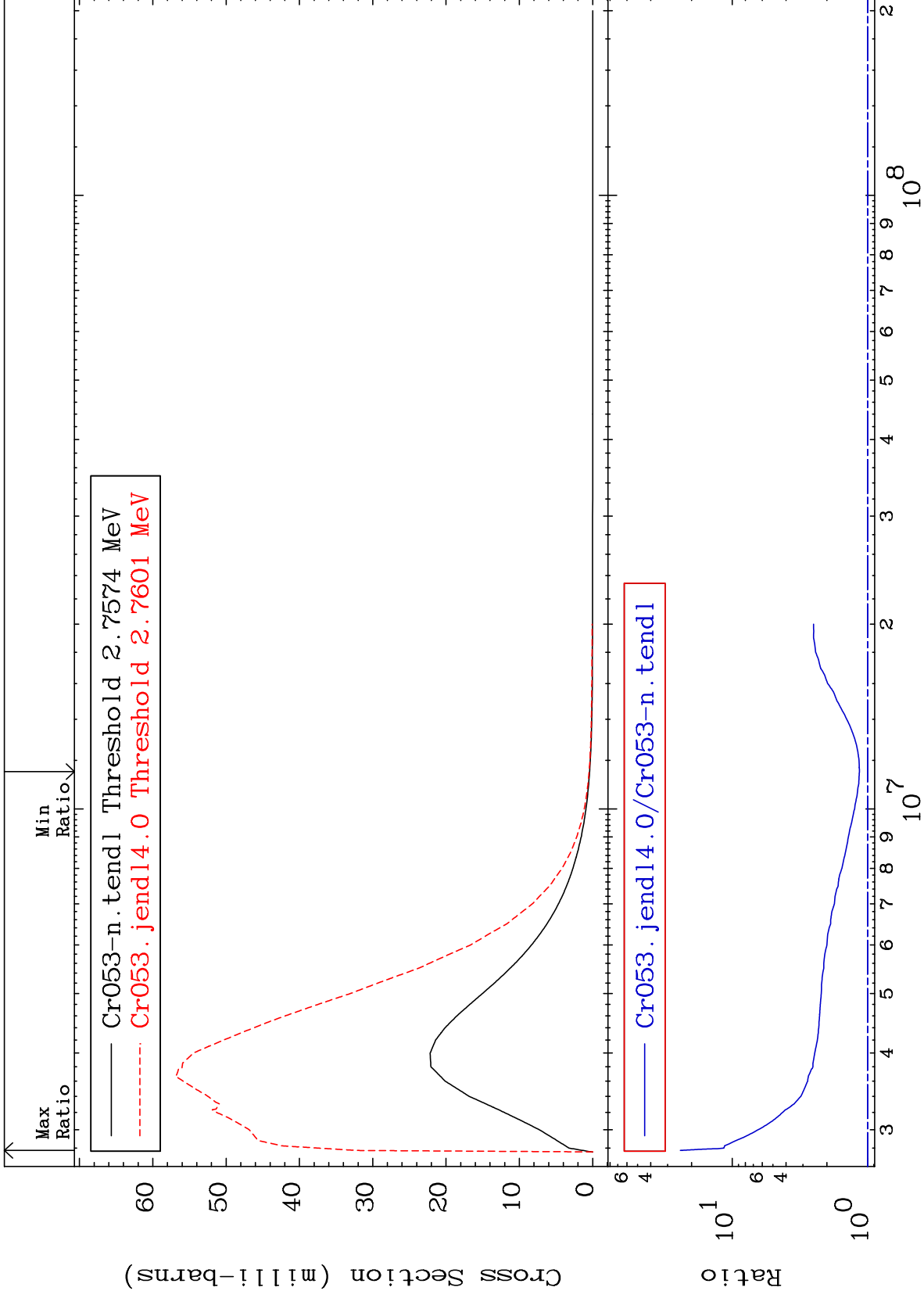
²⁴Cr-53
-88.64 To 90.88 %



MAT 2434

2.706 MeV (n,n') Level
Cross Section

24-Cr-53
14.92 To 2316. %



20

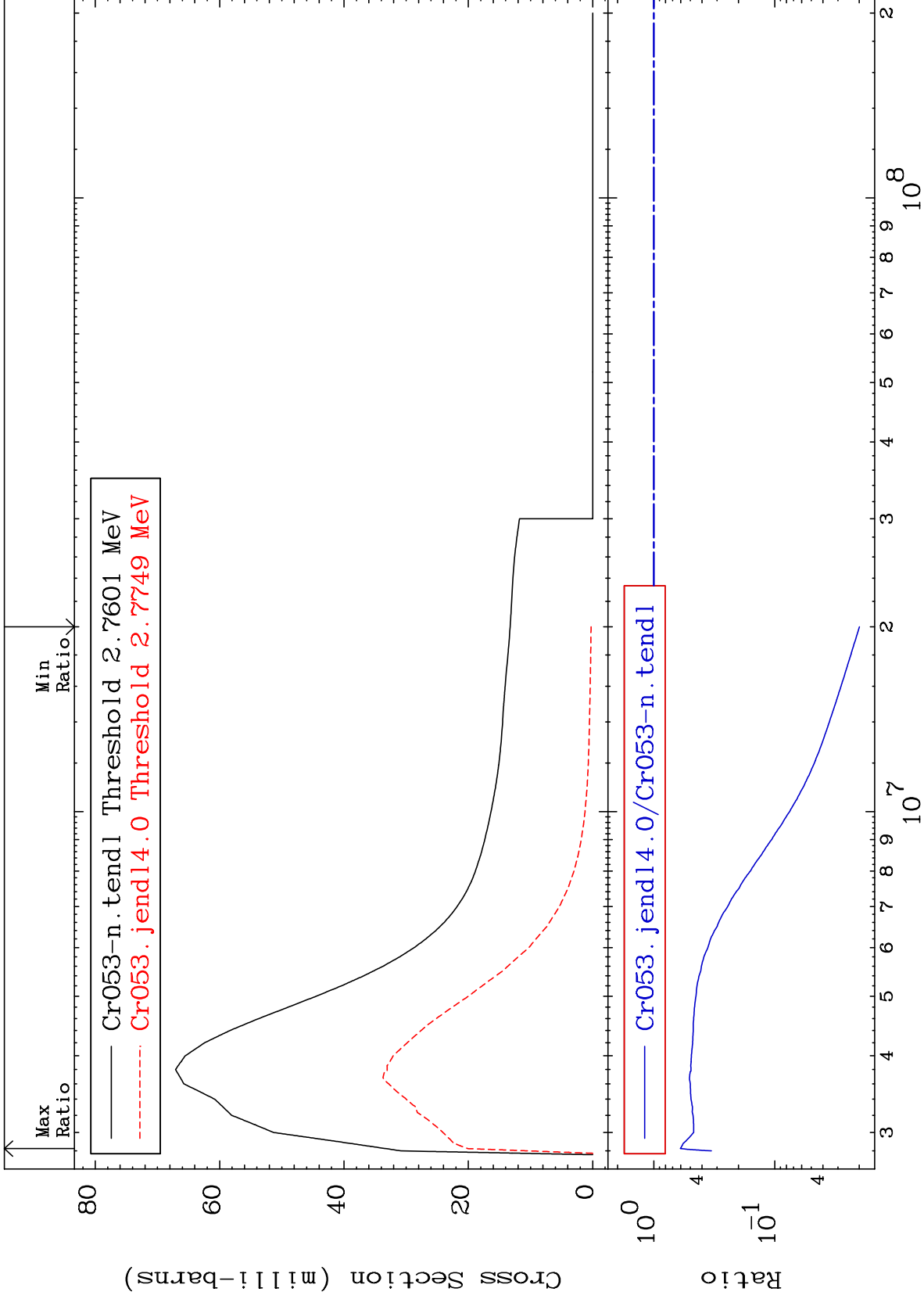
Incident Energy (eV)

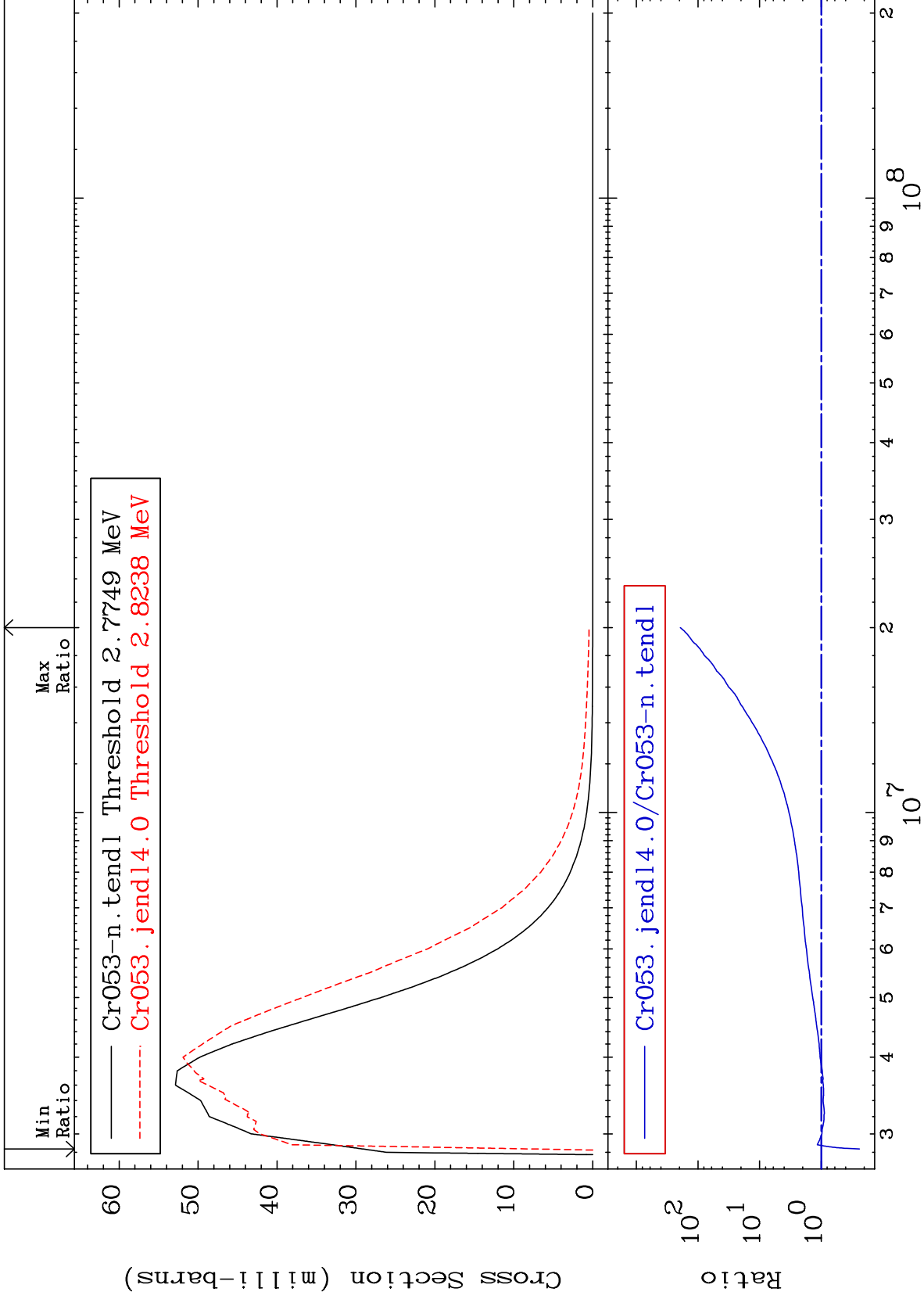
24-Cr-53

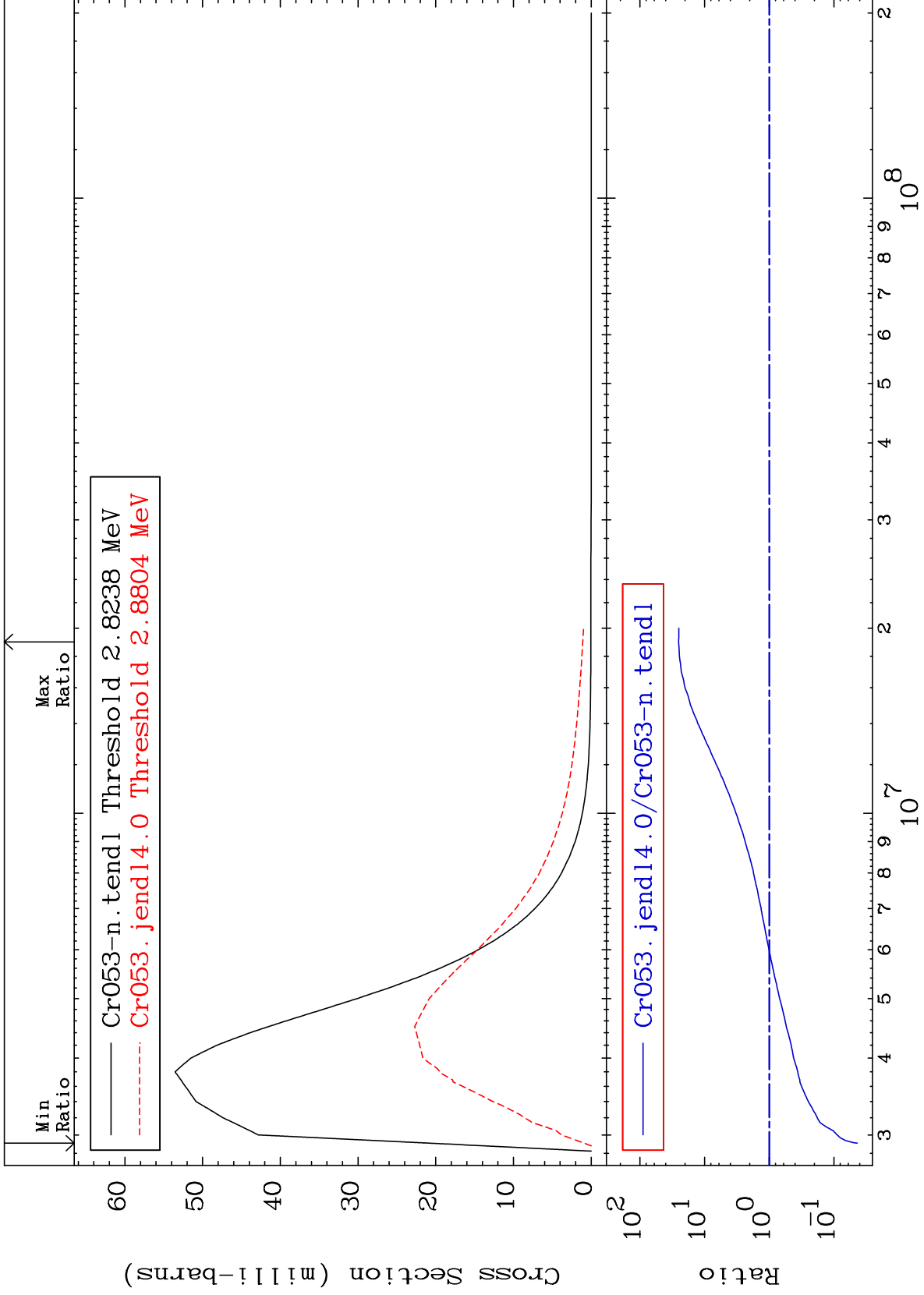
MAT 2434

2.709 MeV (n,n') Level
Cross Section

24-Cr-53
-98.00 To -39.60%



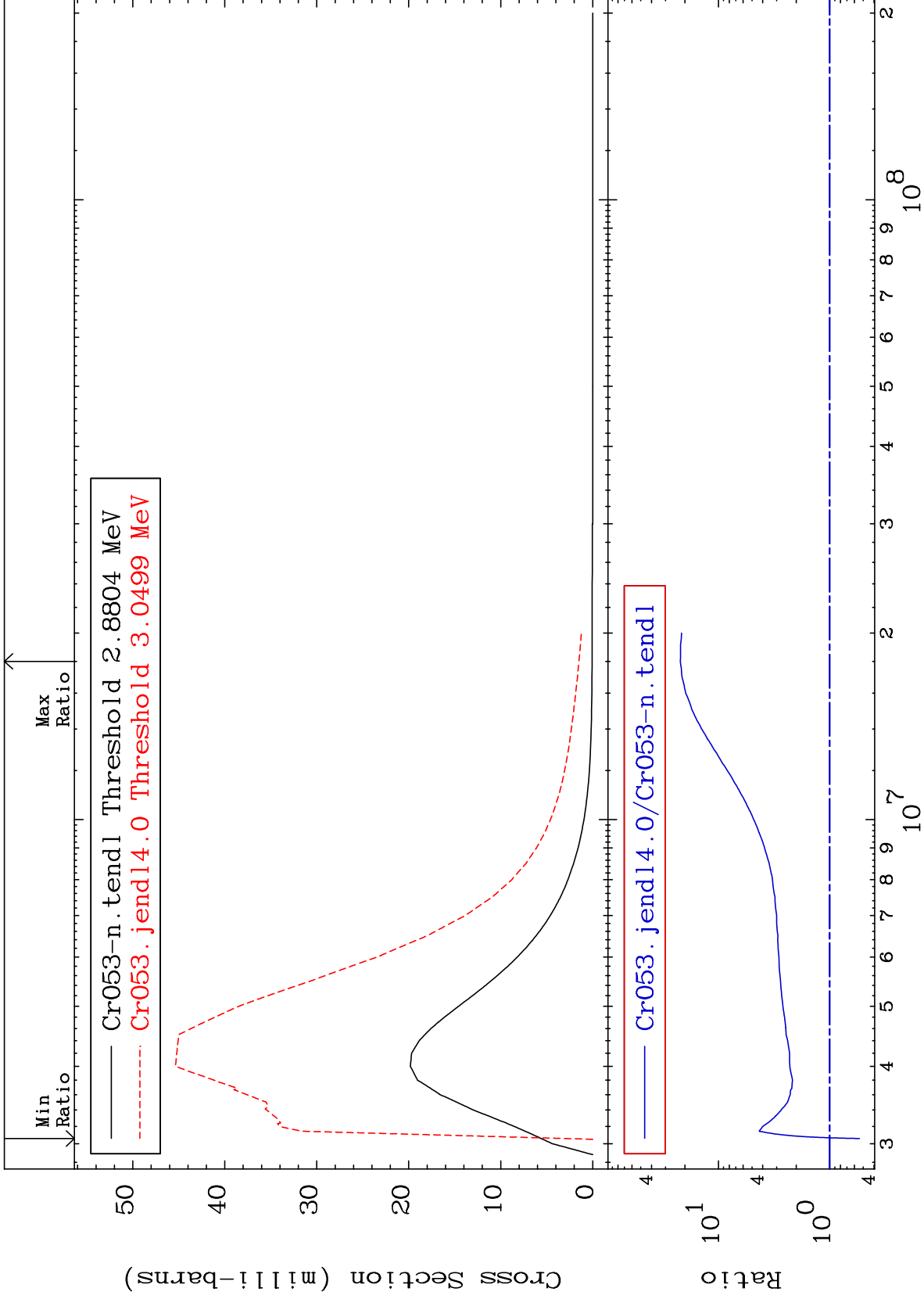




MAT 2434

2.827 MeV (n,n') Level
Cross Section

24-Cr-53
-45.95 To 2102. %



24

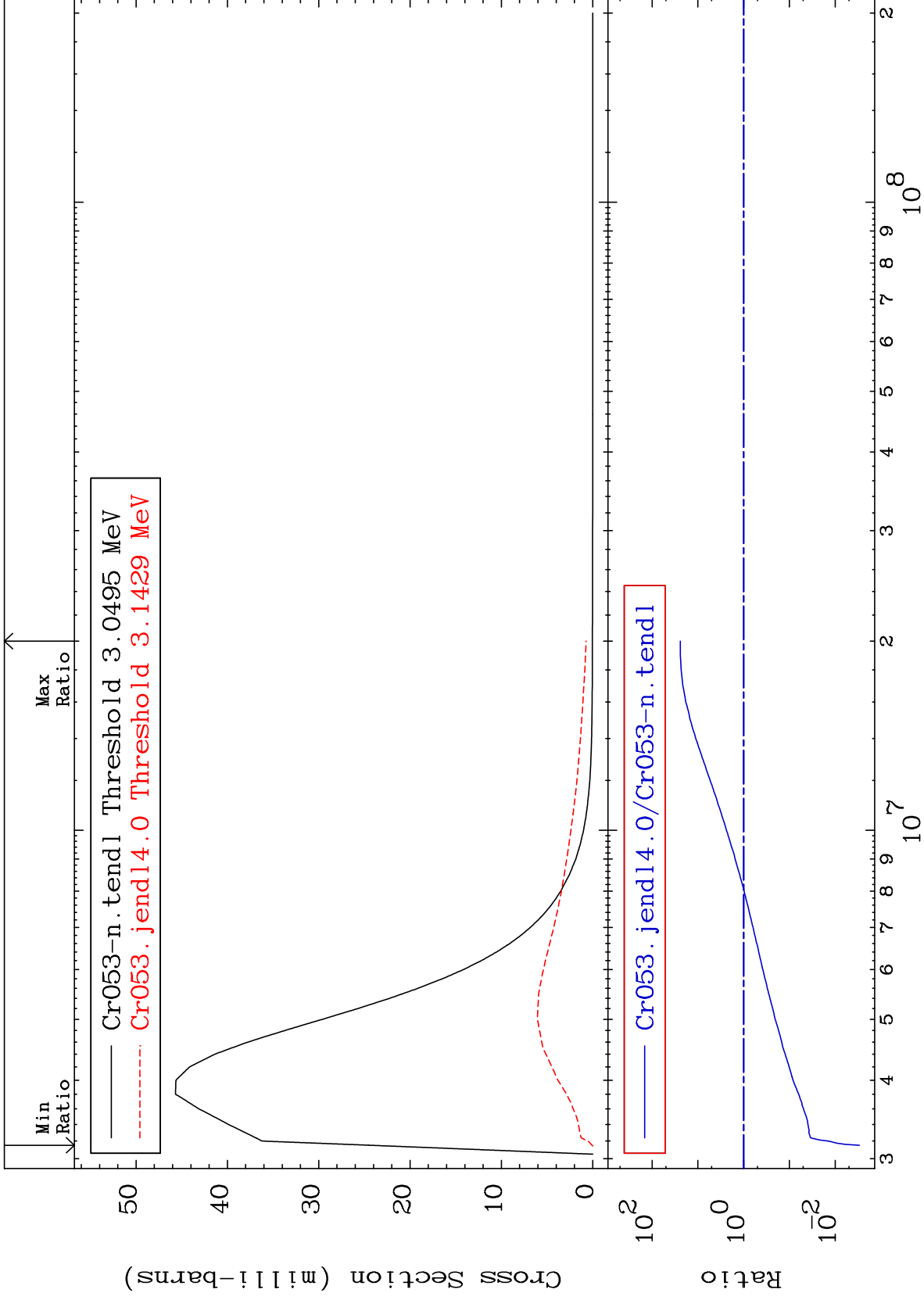
Incident Energy (eV)

24-Cr-53

MAT 2434

2.992 MeV (n,n') Level
Cross Section

24-Cr-53
-99.70 To 2318. %



25

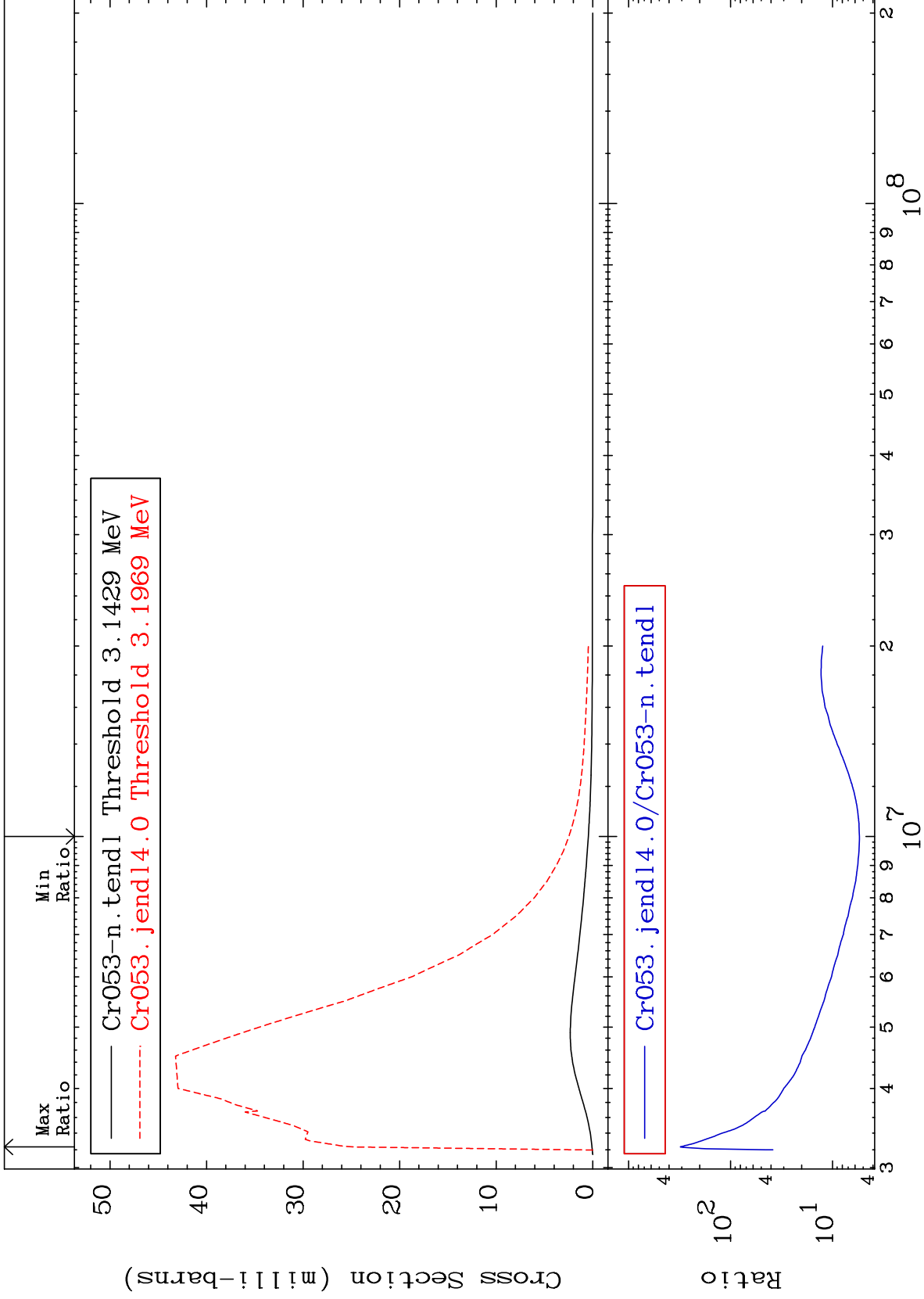
Incident Energy (eV)

24-Cr-53

MAT 2434

3.084 MeV (n,n') Level
Cross Section

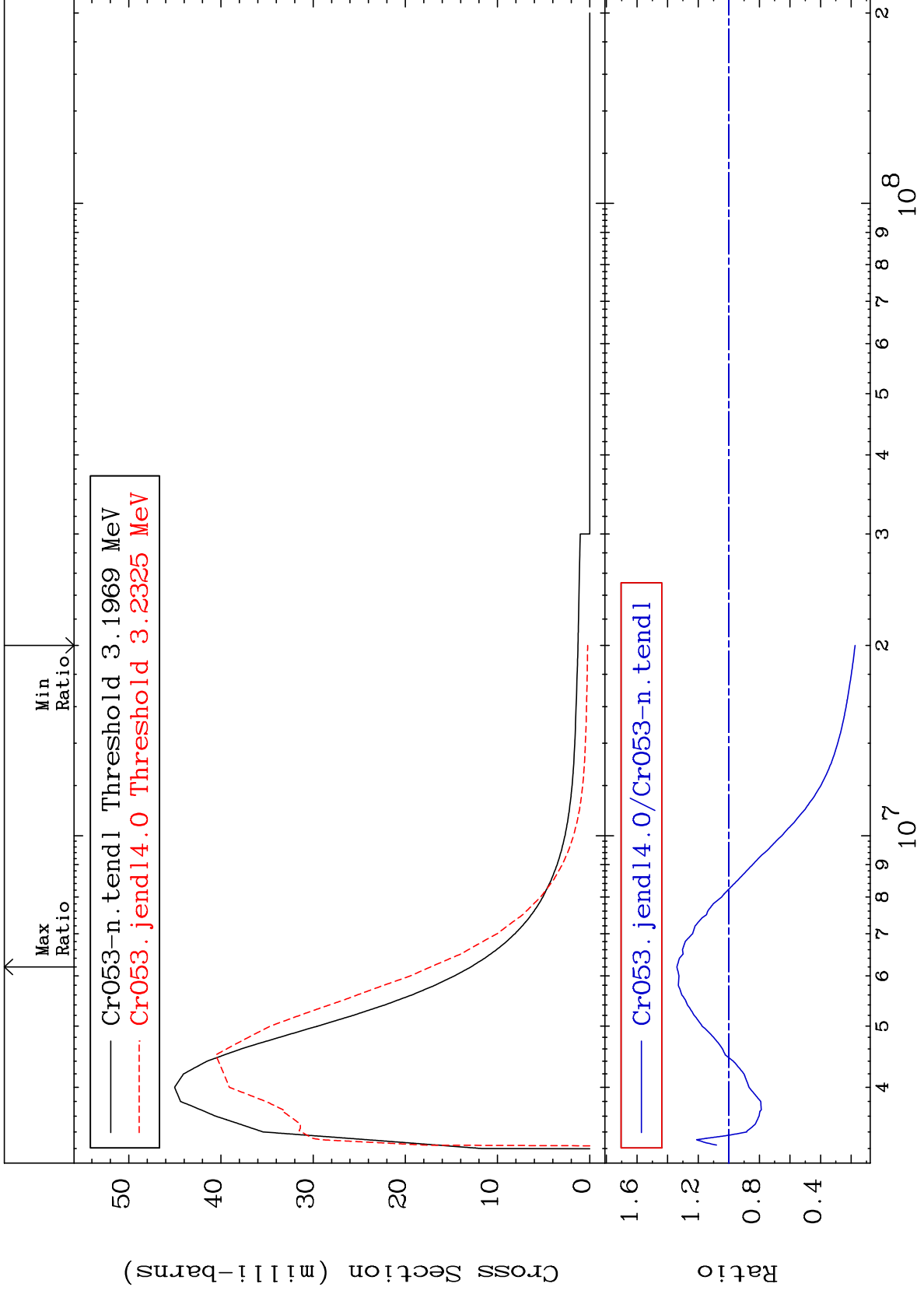
24-Cr-53
443.4 To 9999. %



MAT 2434

3.137 MeV (n,n') Level
Cross Section

²⁴Cr-53
-82.56 To 33.92 %



27

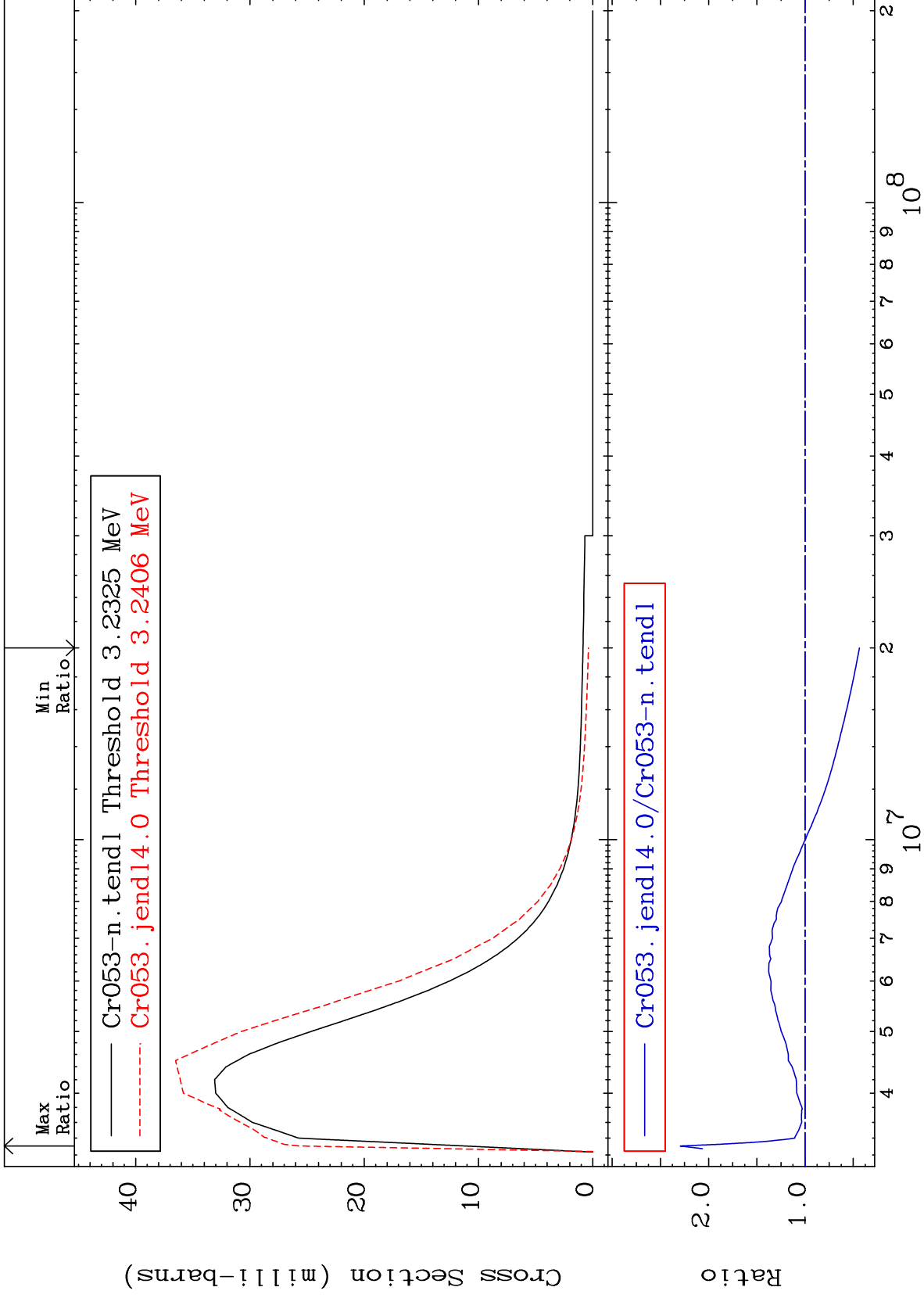
Incident Energy (eV)

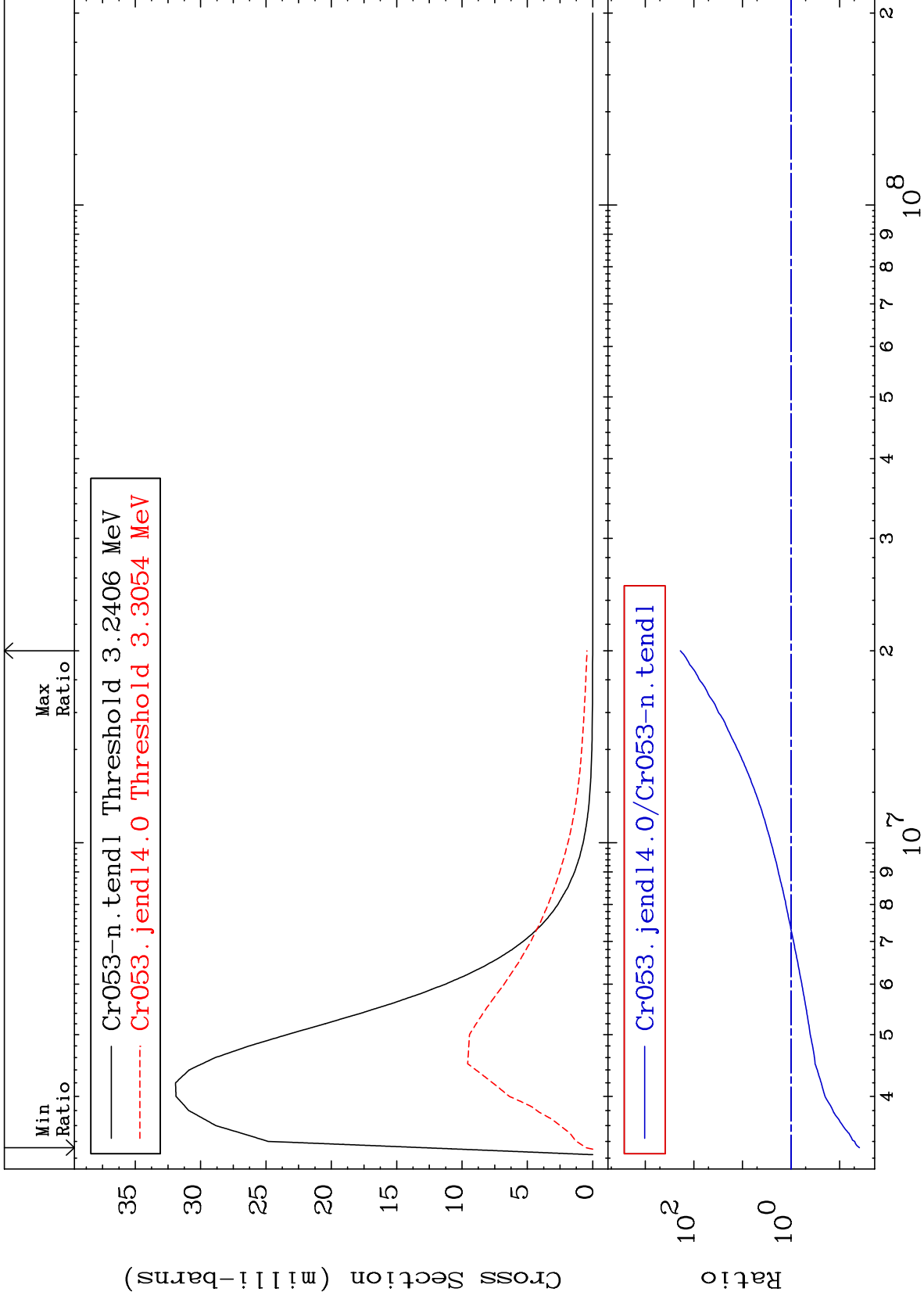
²⁴Cr-53

MAT 2434

3.172 MeV (n,n') Level
Cross Section

24-Cr-53
-56.40 To 129.3 %

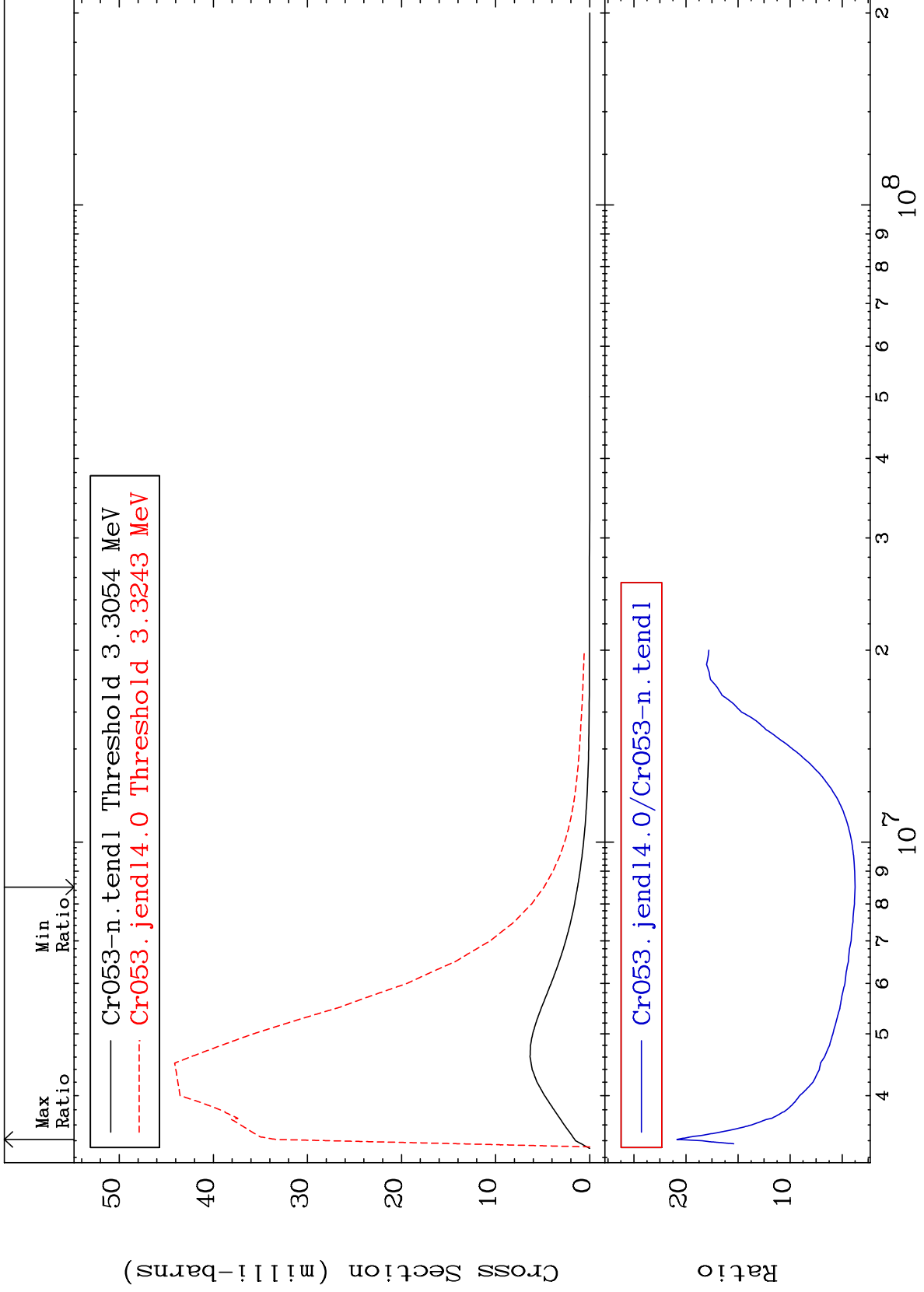




MAT 2434

3.244 MeV (n,n') Level
Cross Section

275.8 To 1987. %
24-Cr-53



30

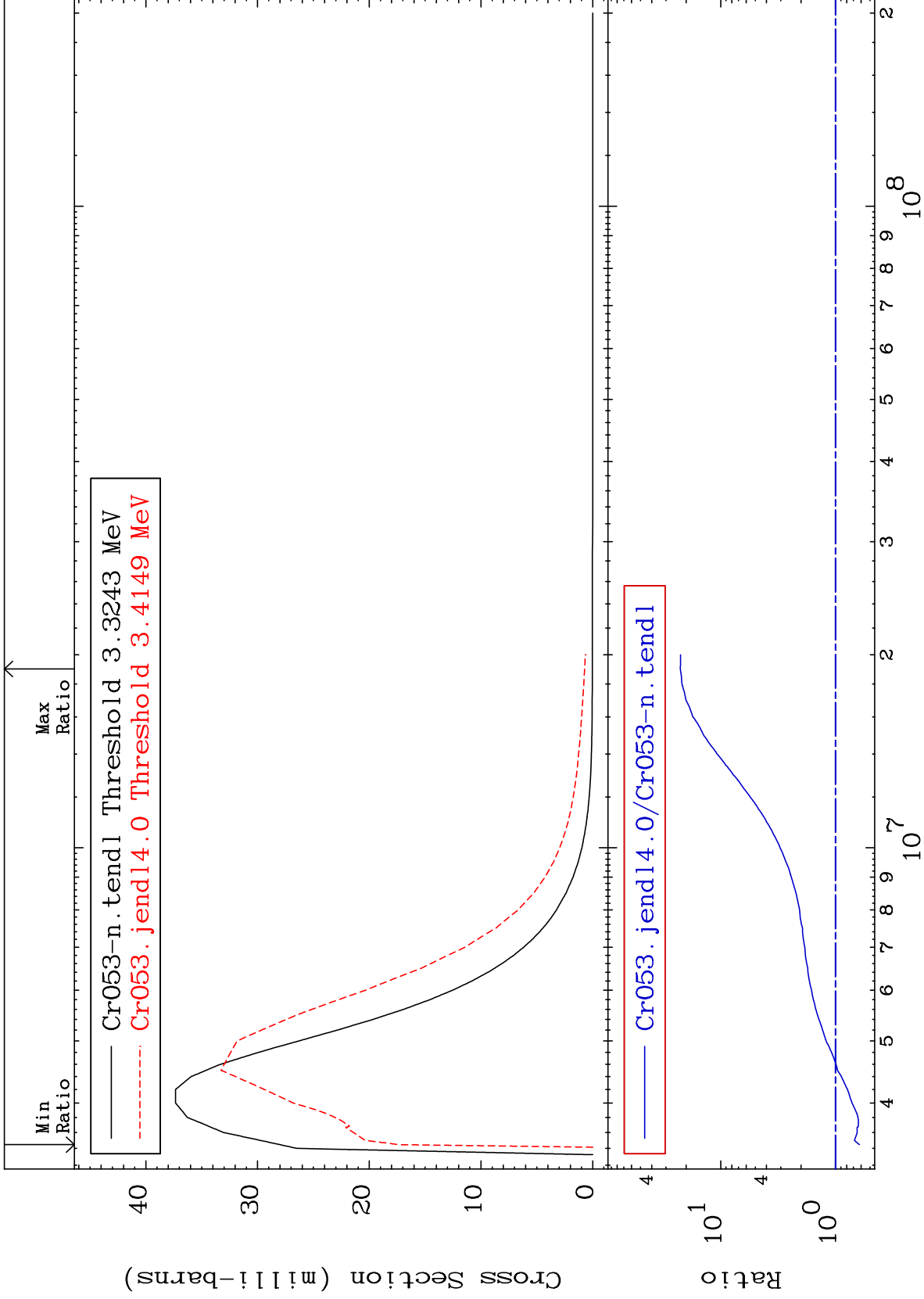
Incident Energy (eV)

24-Cr-53

MAT 2434

3.262 MeV (n,n') Level
Cross Section

24-Cr-53
-38.09 To 2150. %



31

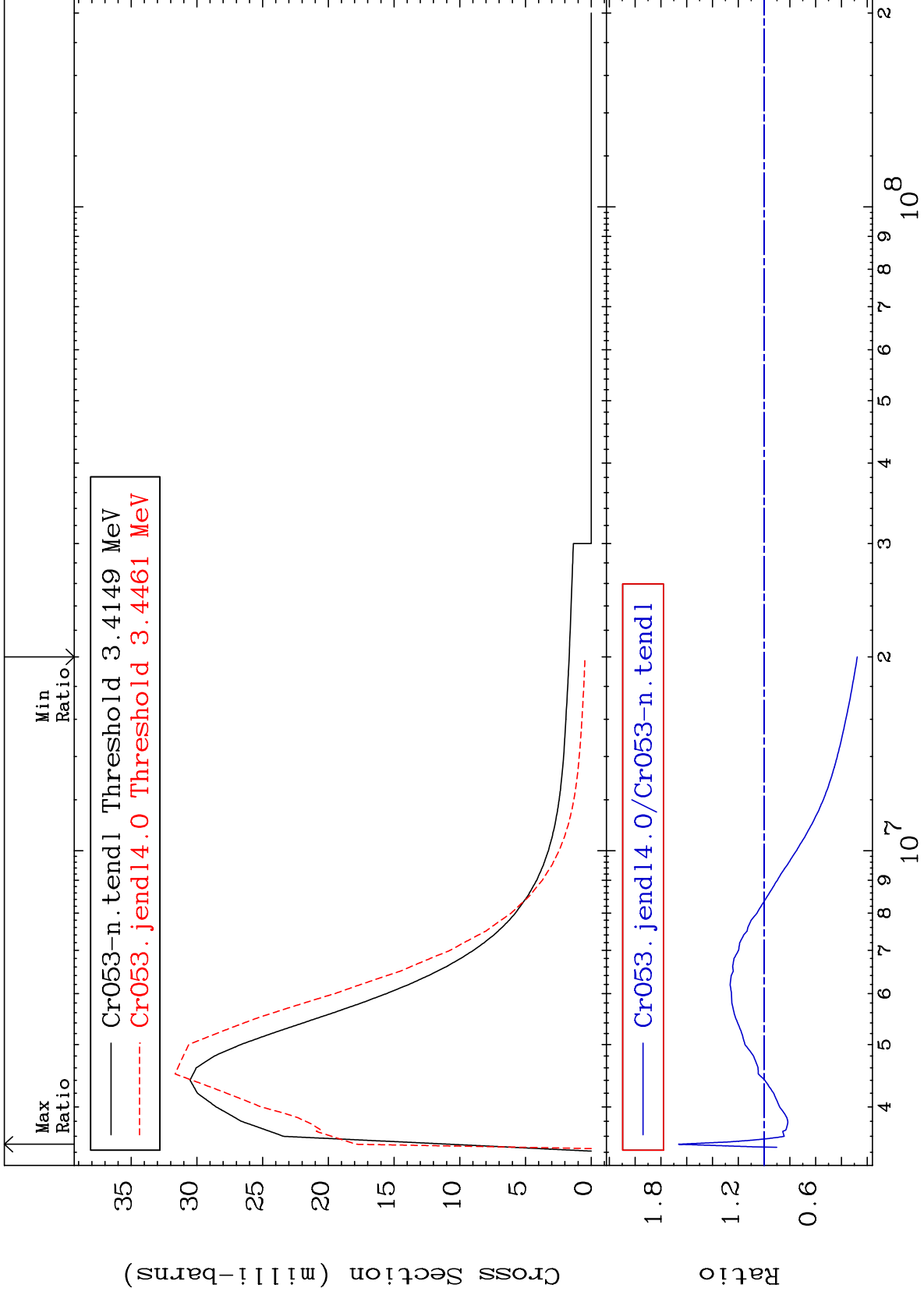
Incident Energy (eV)

24-Cr-53

MAT 2434

3.351 MeV (n,n') Level
Cross Section

24-Cr-53
-72.23 To 66.27 %



32

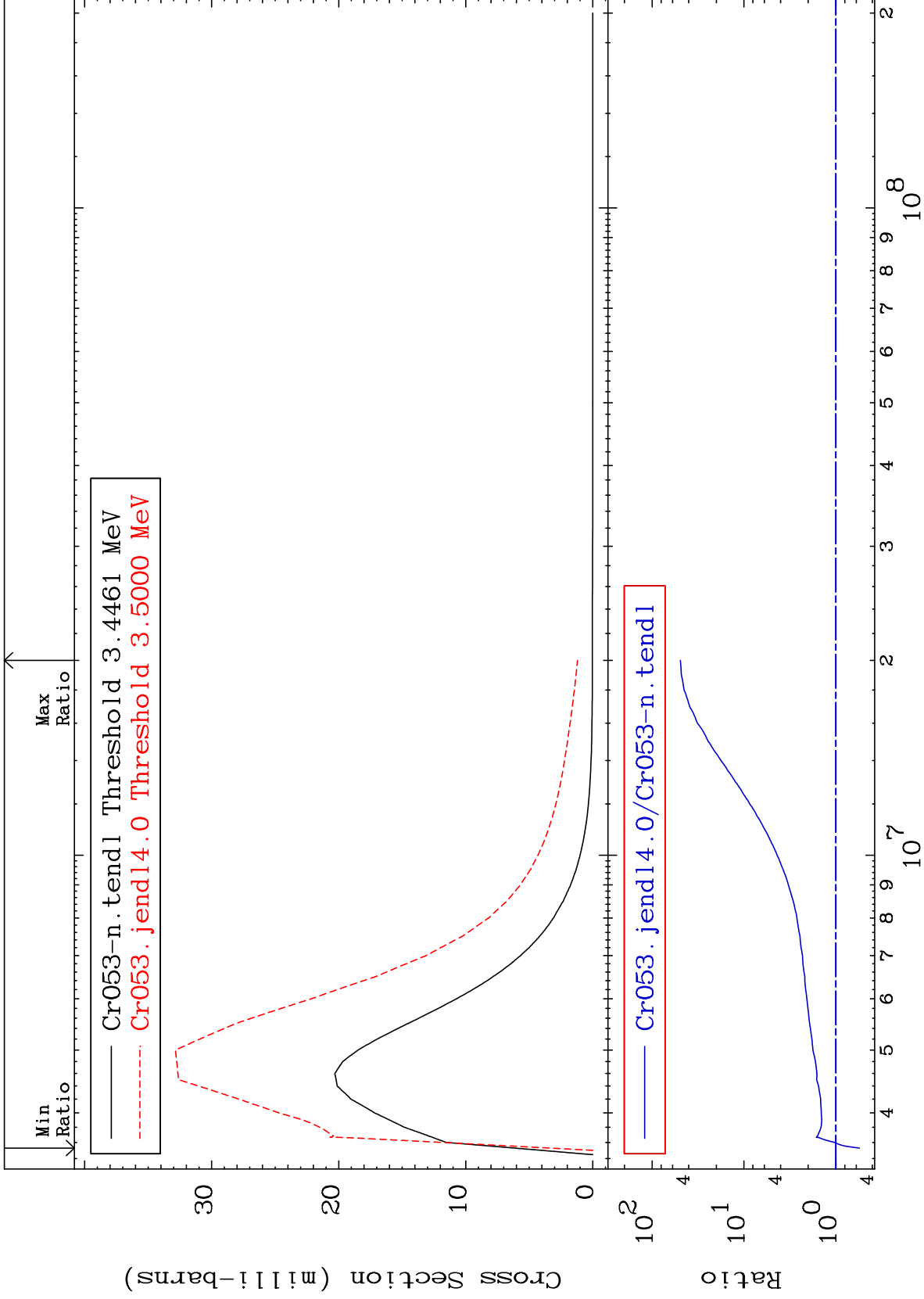
Incident Energy (eV)

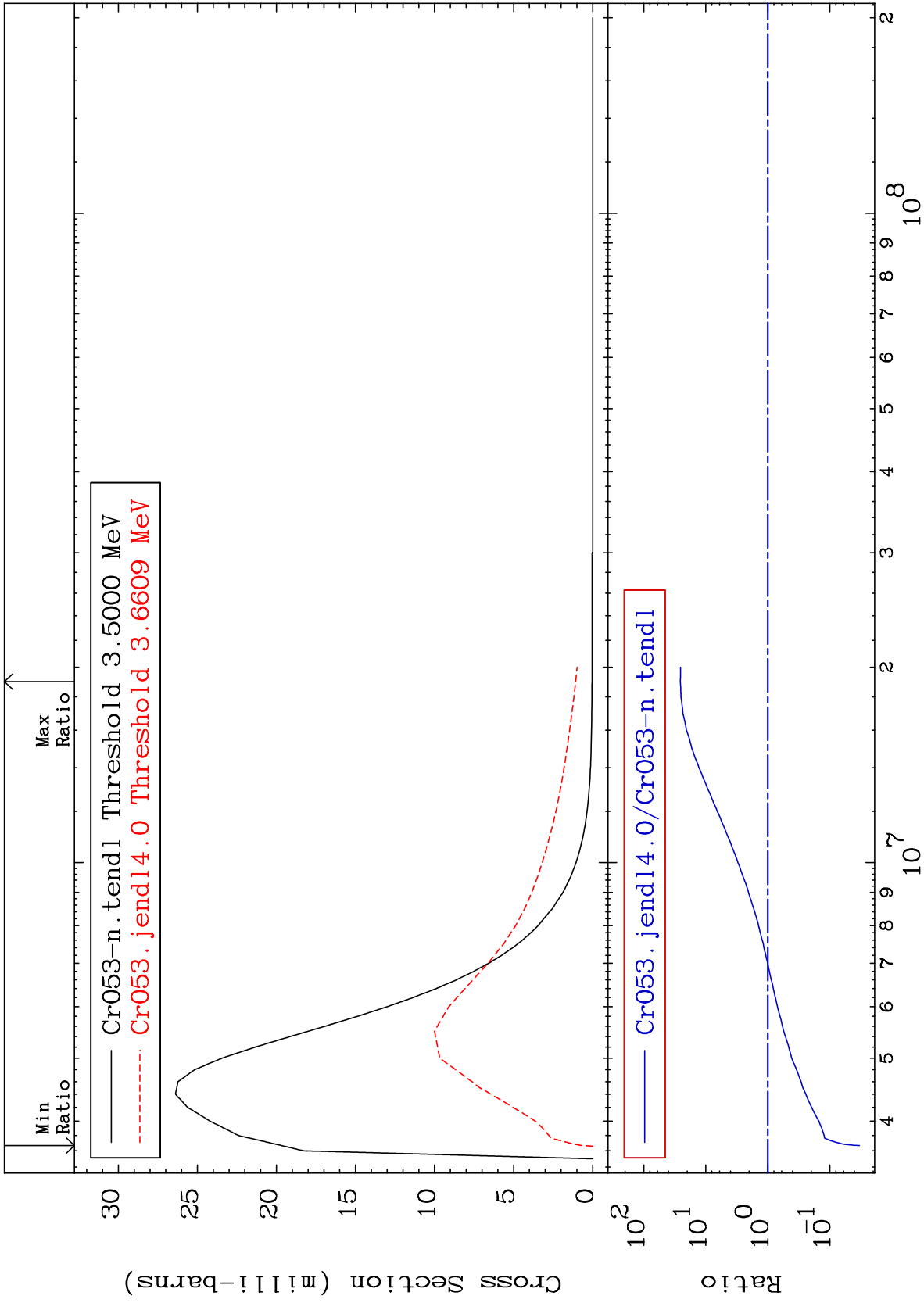
24-Cr-53

MAT 2434

3.382 MeV (n,n') Level
Cross Section

24-Cr-53
-44.65 To 4828. %

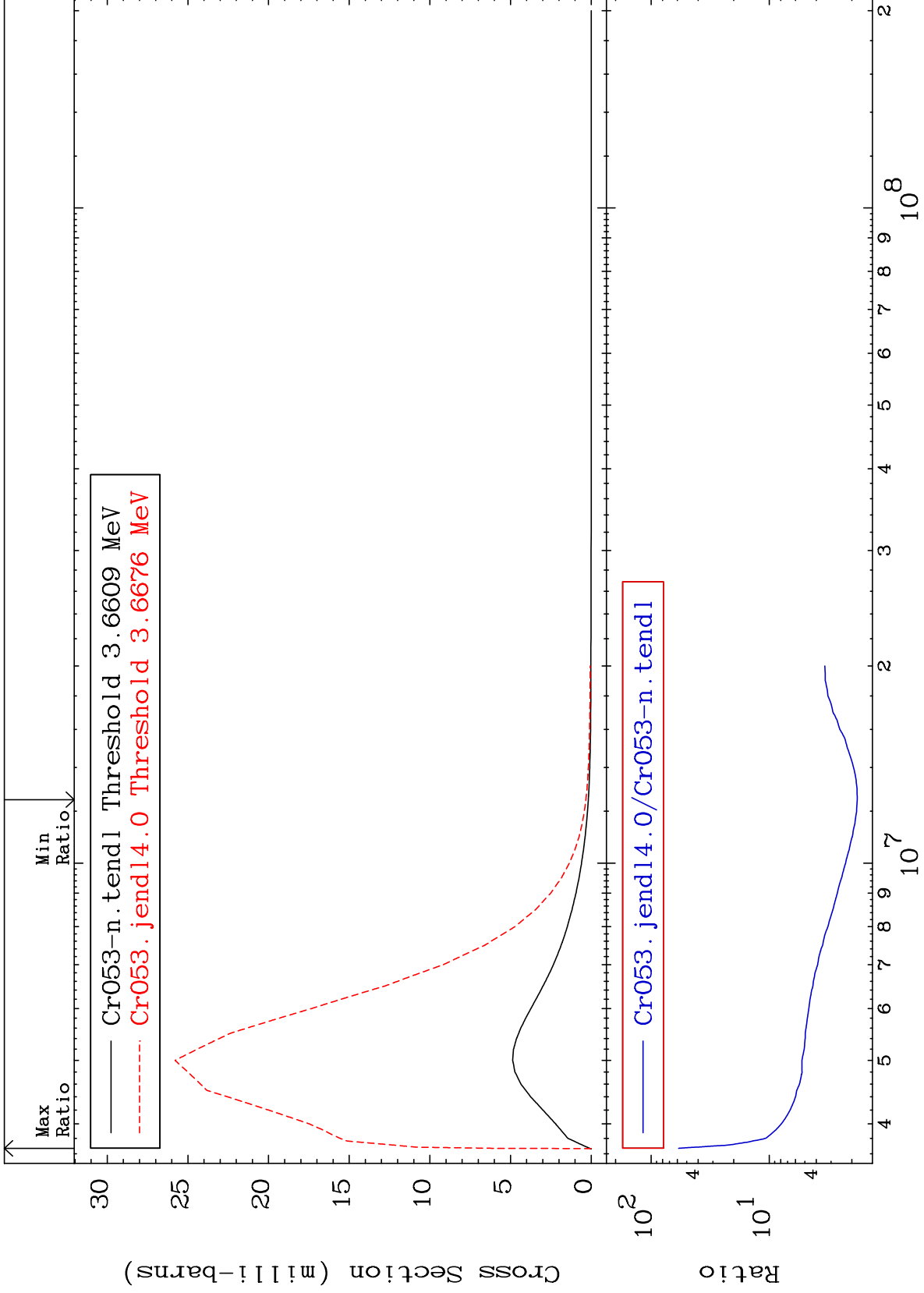




MAT 2434

3.592 MeV (n,n') Level
Cross Section

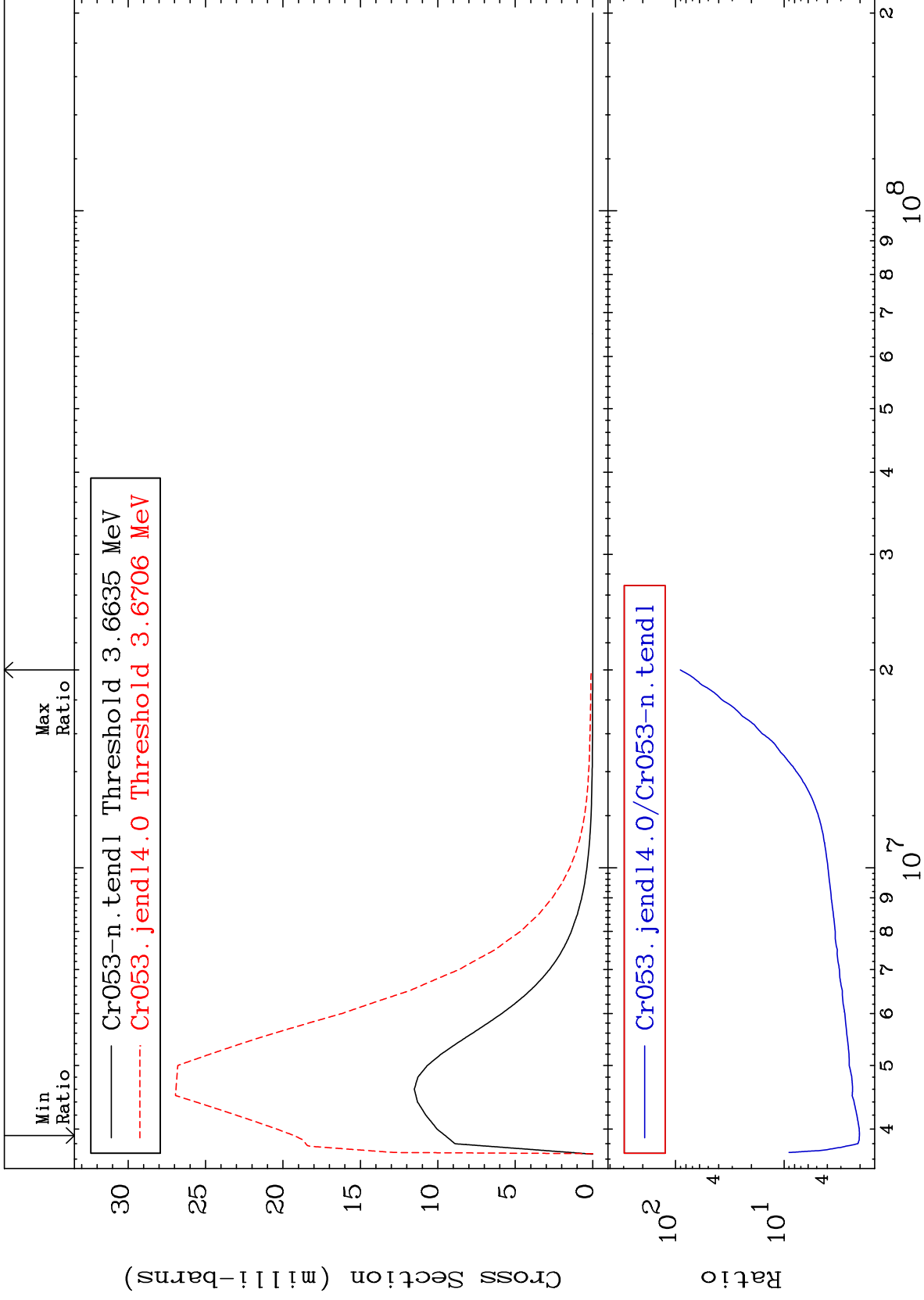
24-Cr-53
80.34 To 5760. %



MAT 2434

3.595 MeV (n,n') Level
Cross Section

24-Cr-53
102.3 To 8920. %



36

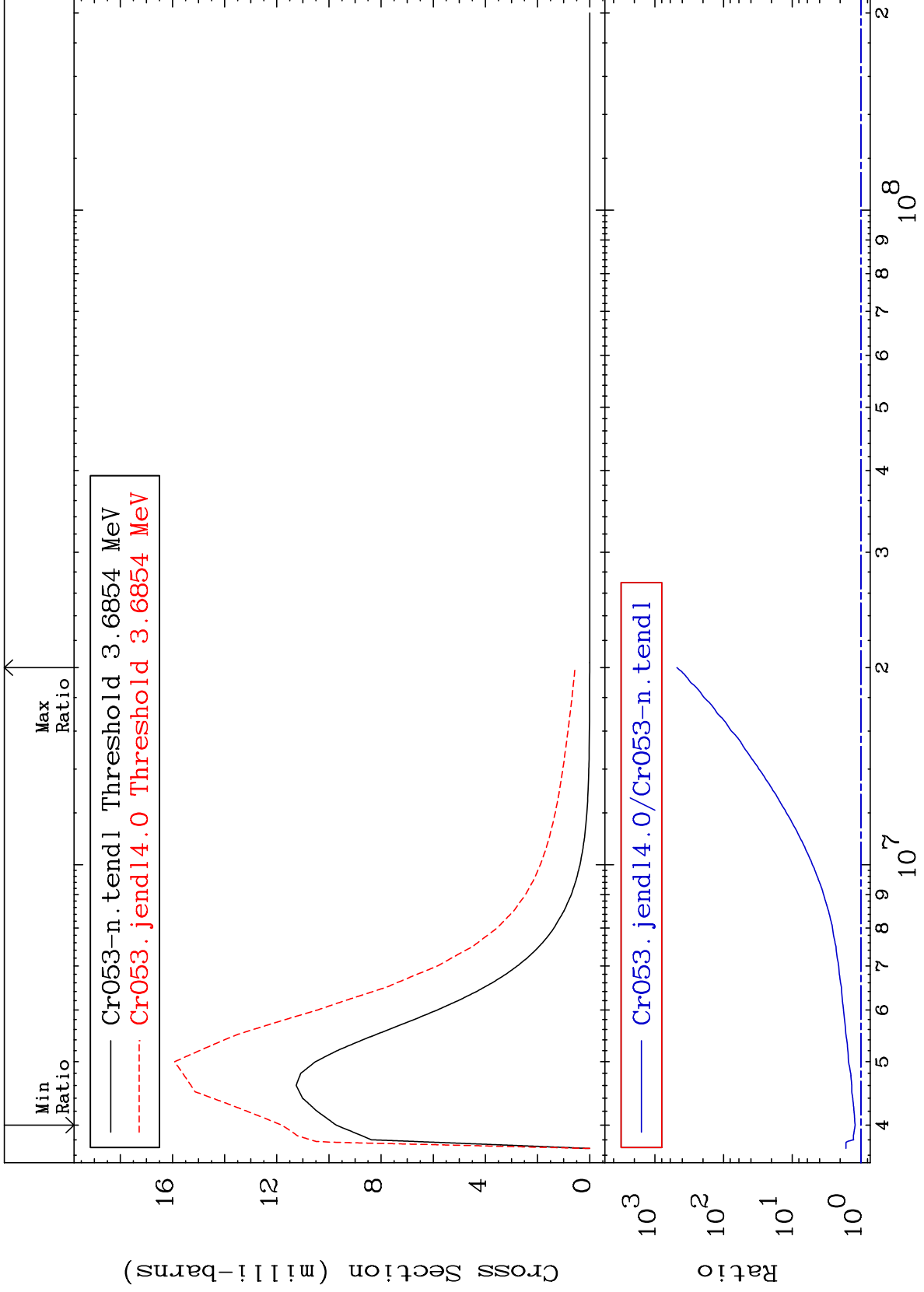
Incident Energy (eV)

24-Cr-53

MAT 2434

3.617 MeV (n,n') Level
Cross Section

21.40 To 9999. %
24-Cr-53



37

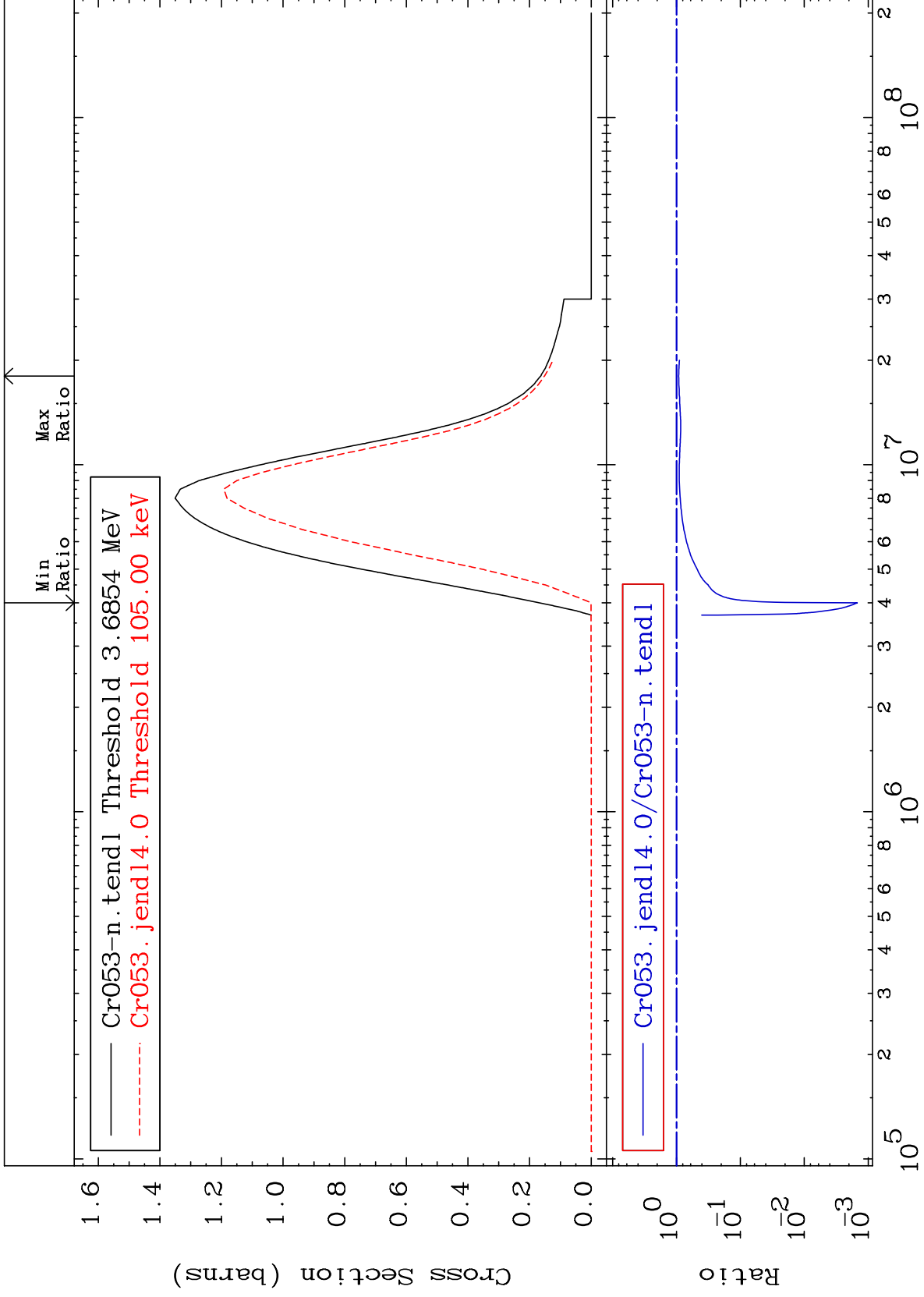
Incident Energy (eV)

24-Cr-53

MAT 2434

(n, n') Continuum
Cross Section

24-Cr-53
-99.85 To -7.471%



38

24-Cr-53

24-Cr-53

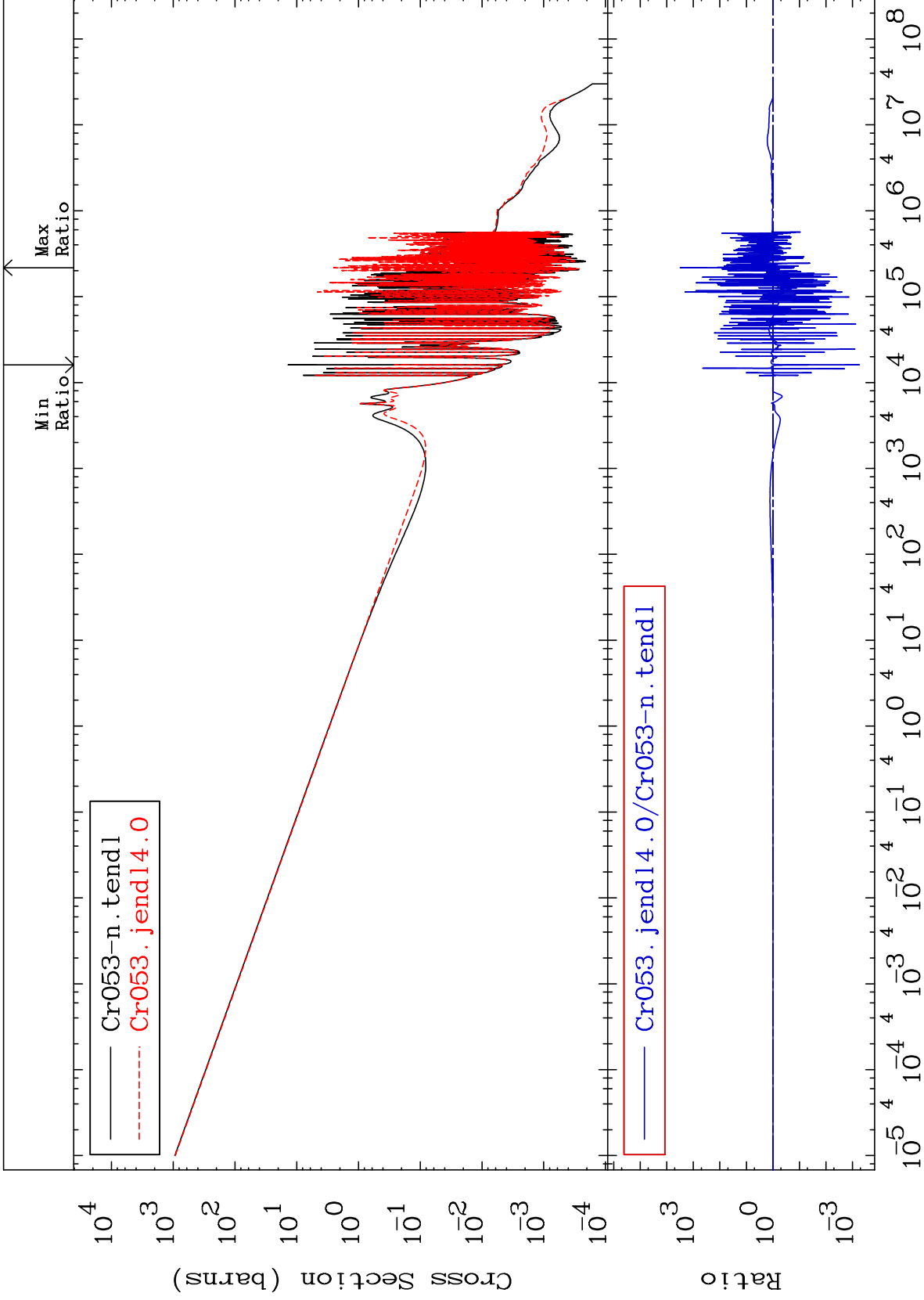
MAT 2434

(n, γ)

24-Cr-53

Cross Section

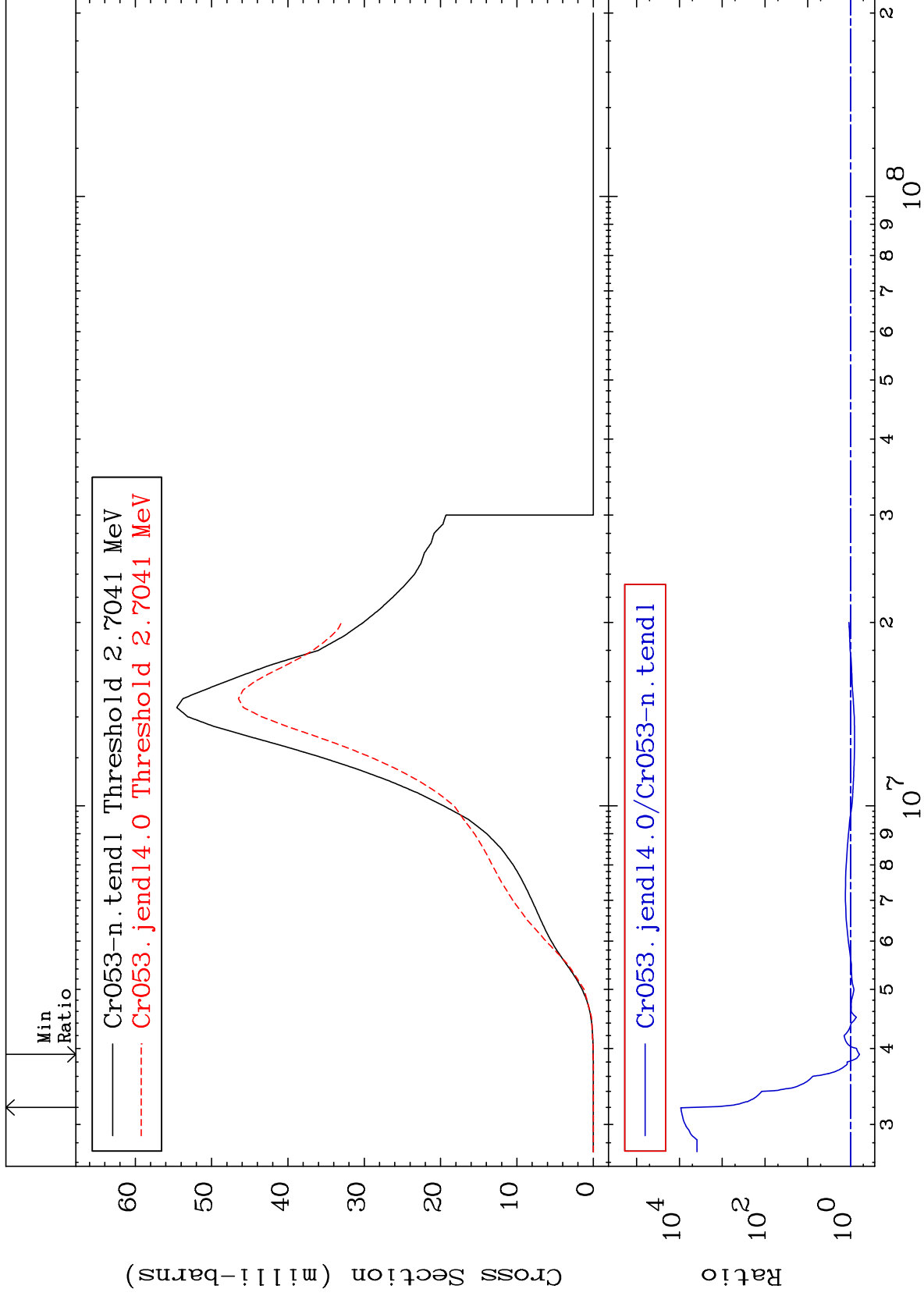
-99.95 To 9999. %



MAT 2434

(n,p)
Cross Section

²⁴Cr-53
-38.51 To 9999. %



40

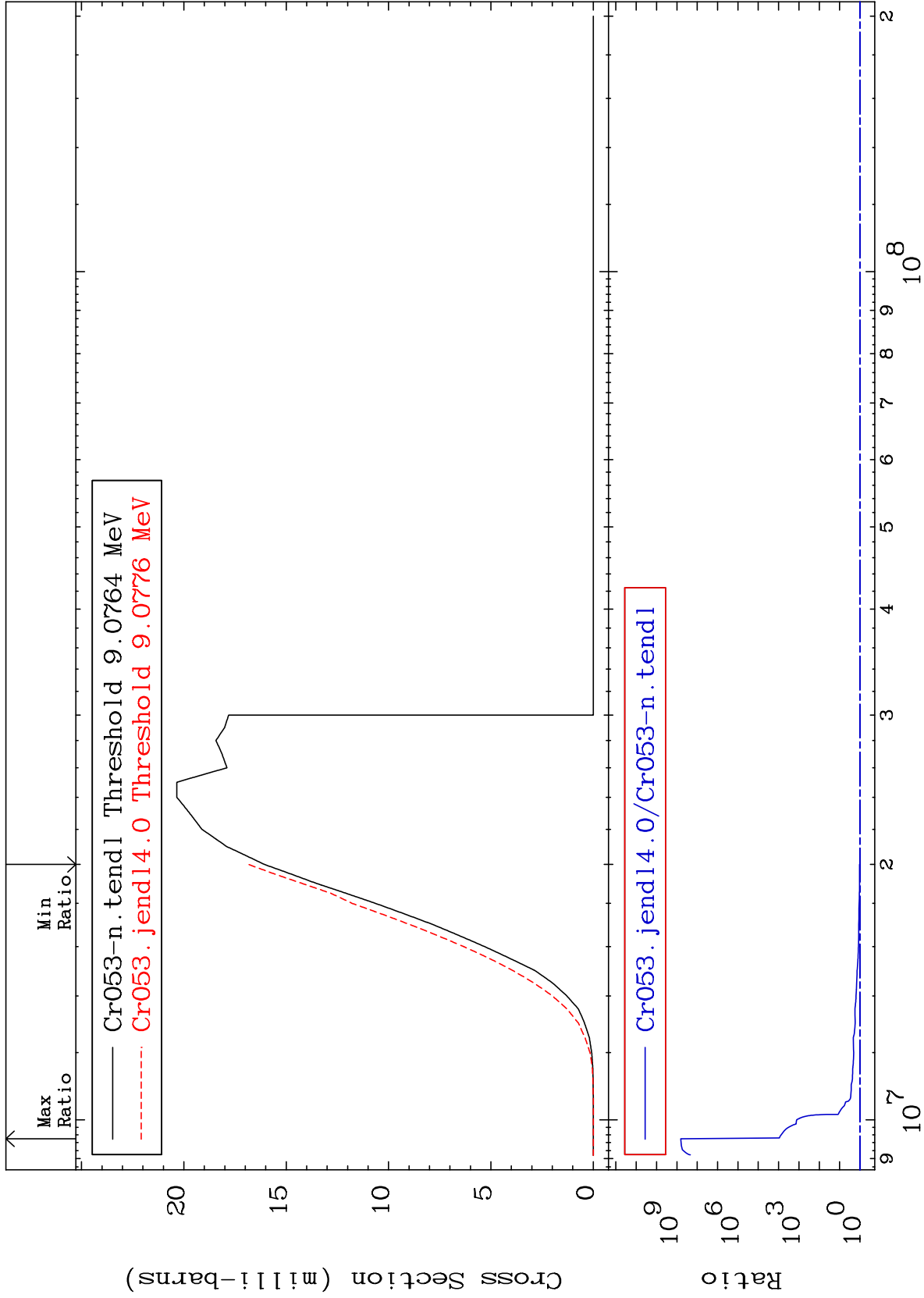
Incident Energy (eV)

²⁴Cr-53

MAT 2434

(n, d)
Cross Section

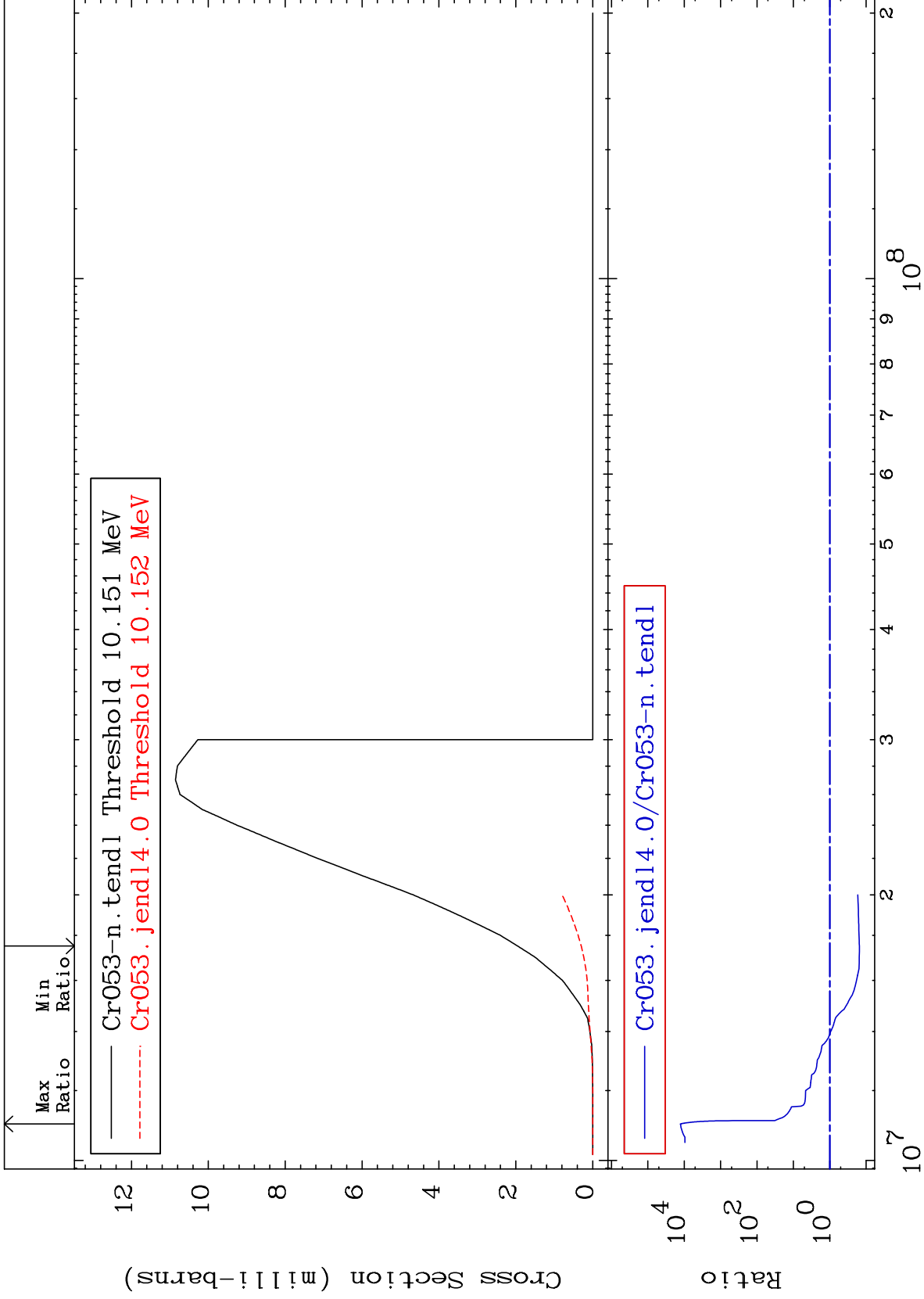
24-Cr-53
4.818 To 9999. %

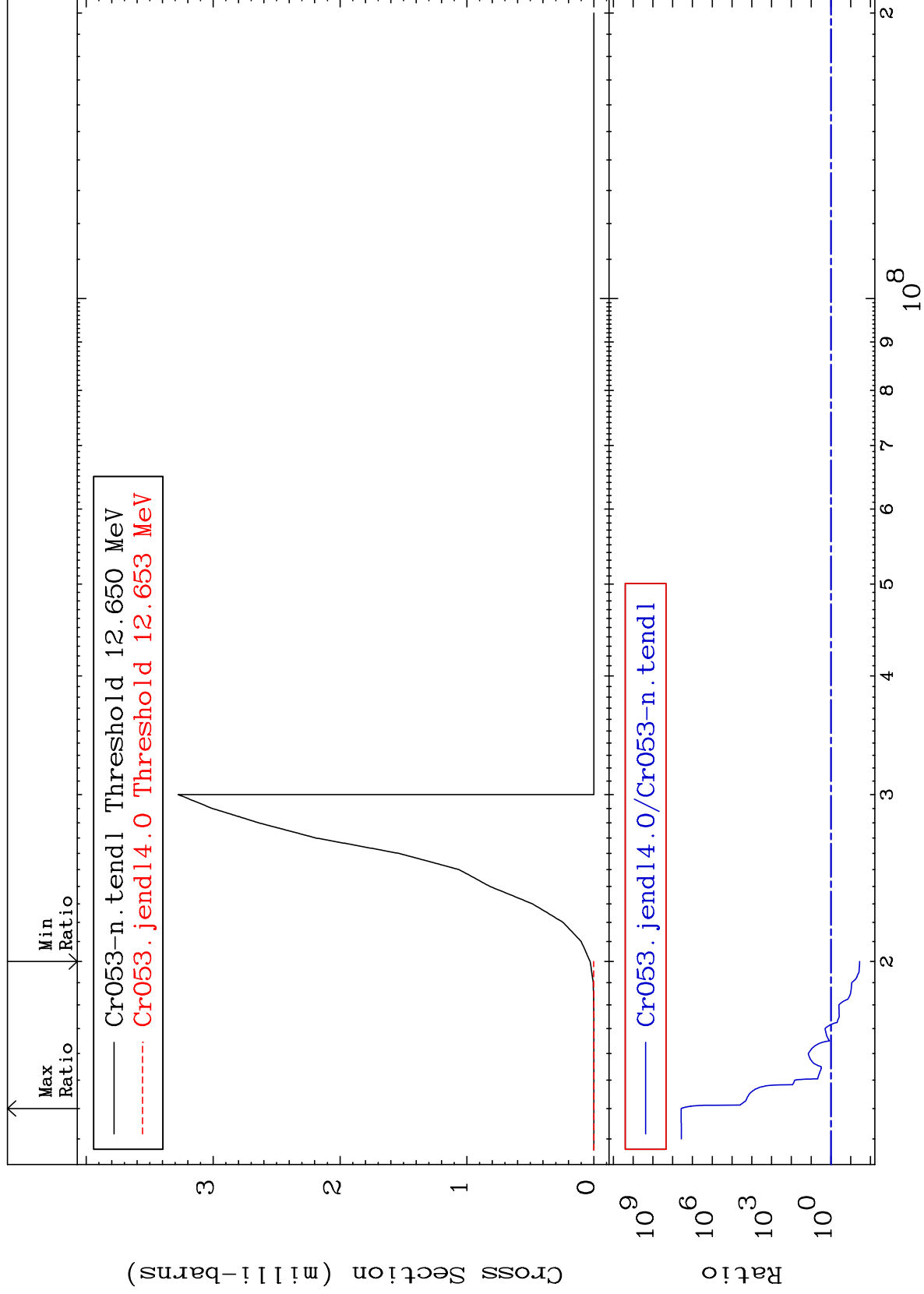


41

Incident Energy (eV)

24-Cr-53

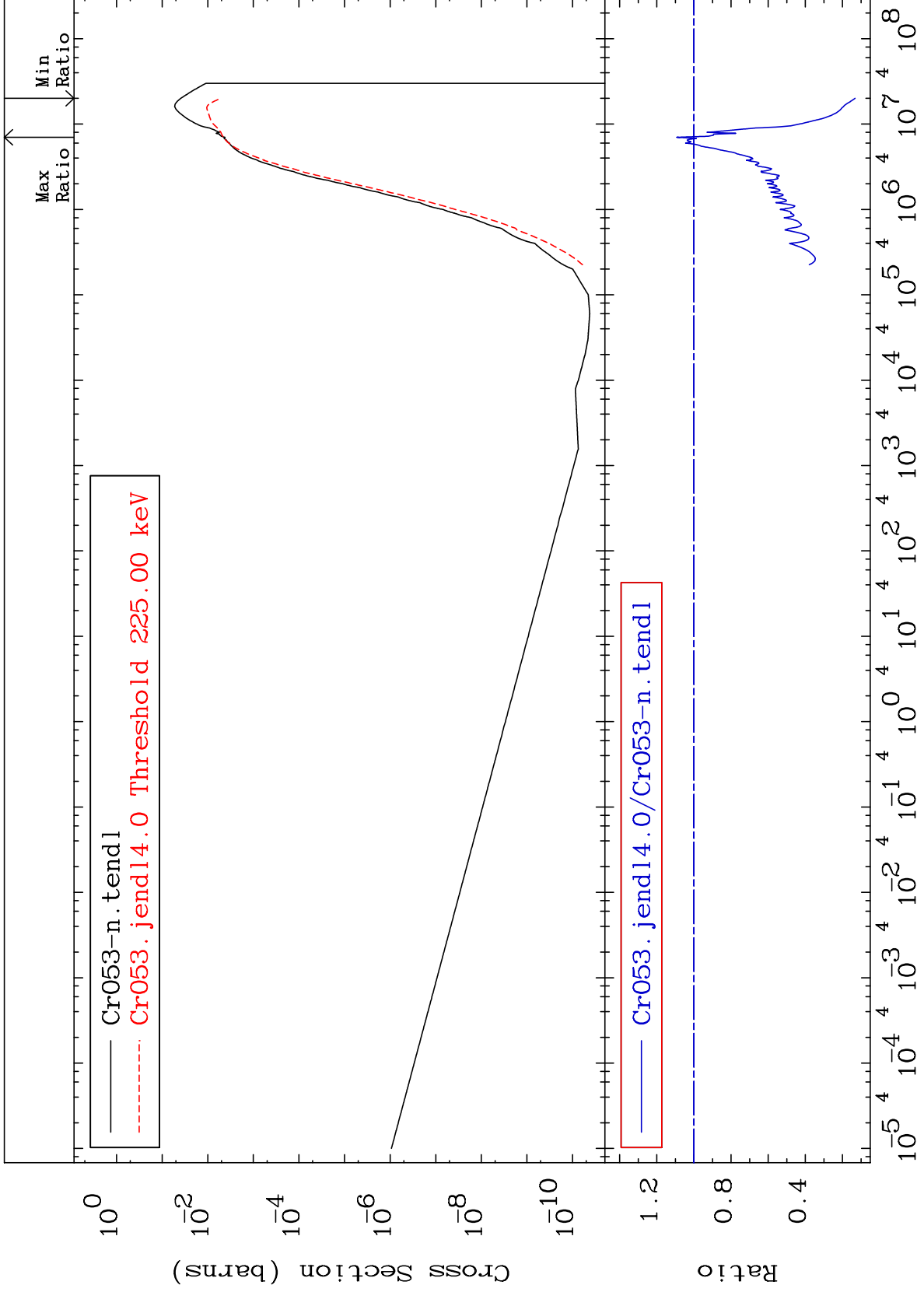




MAT 2434

(n, α)
Cross Section

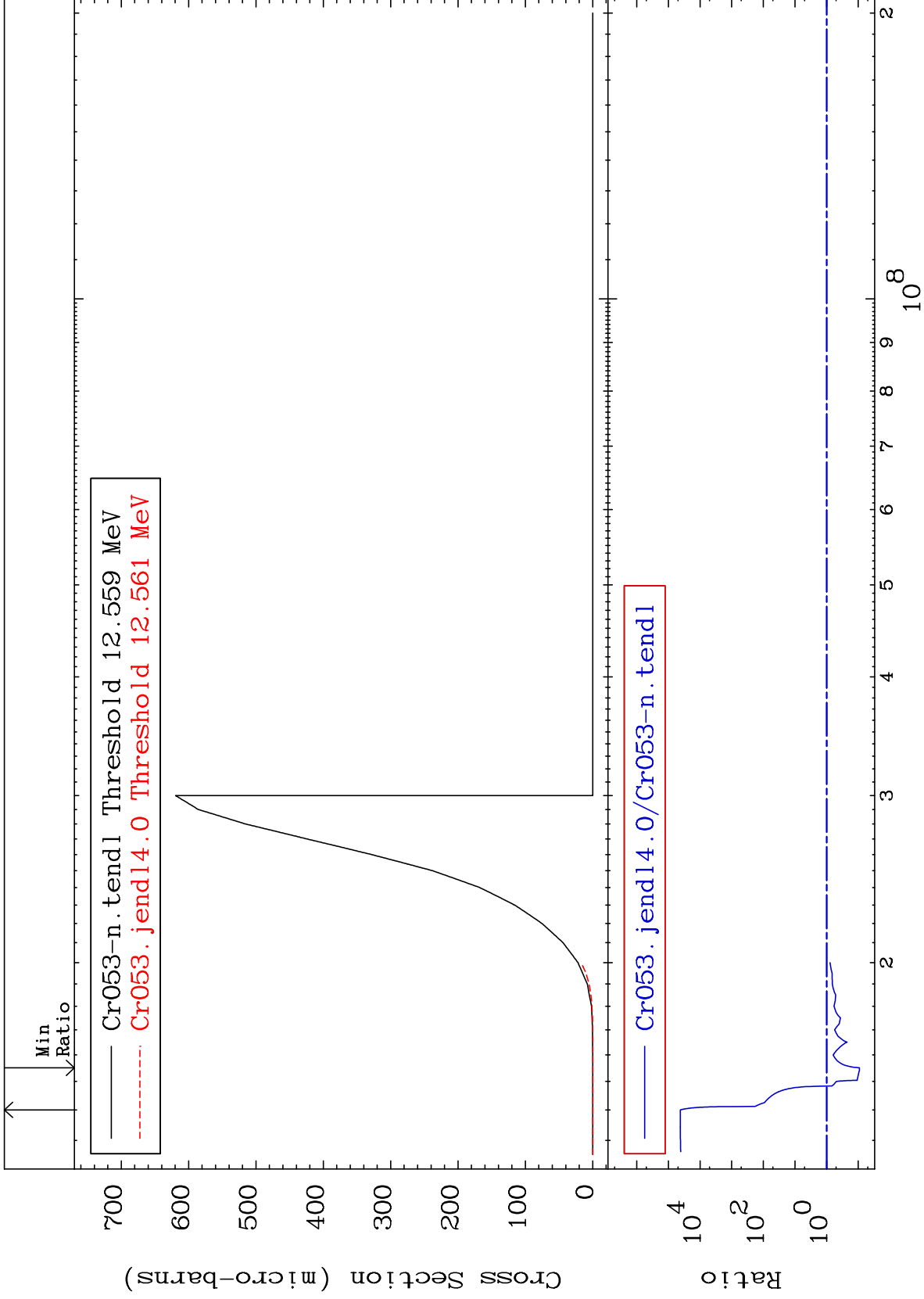
24-Cr-53
-86.79 To 9.156 %

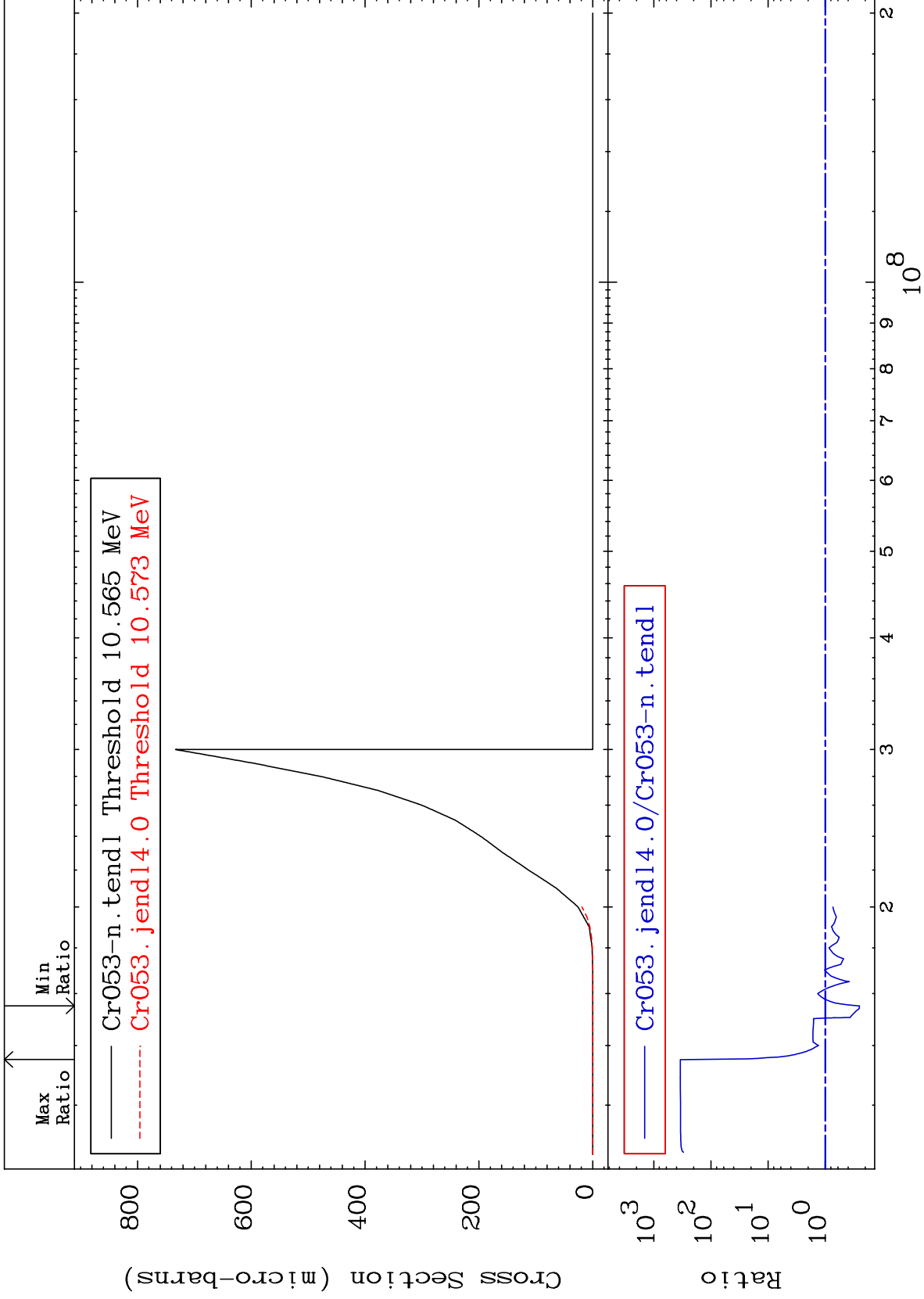


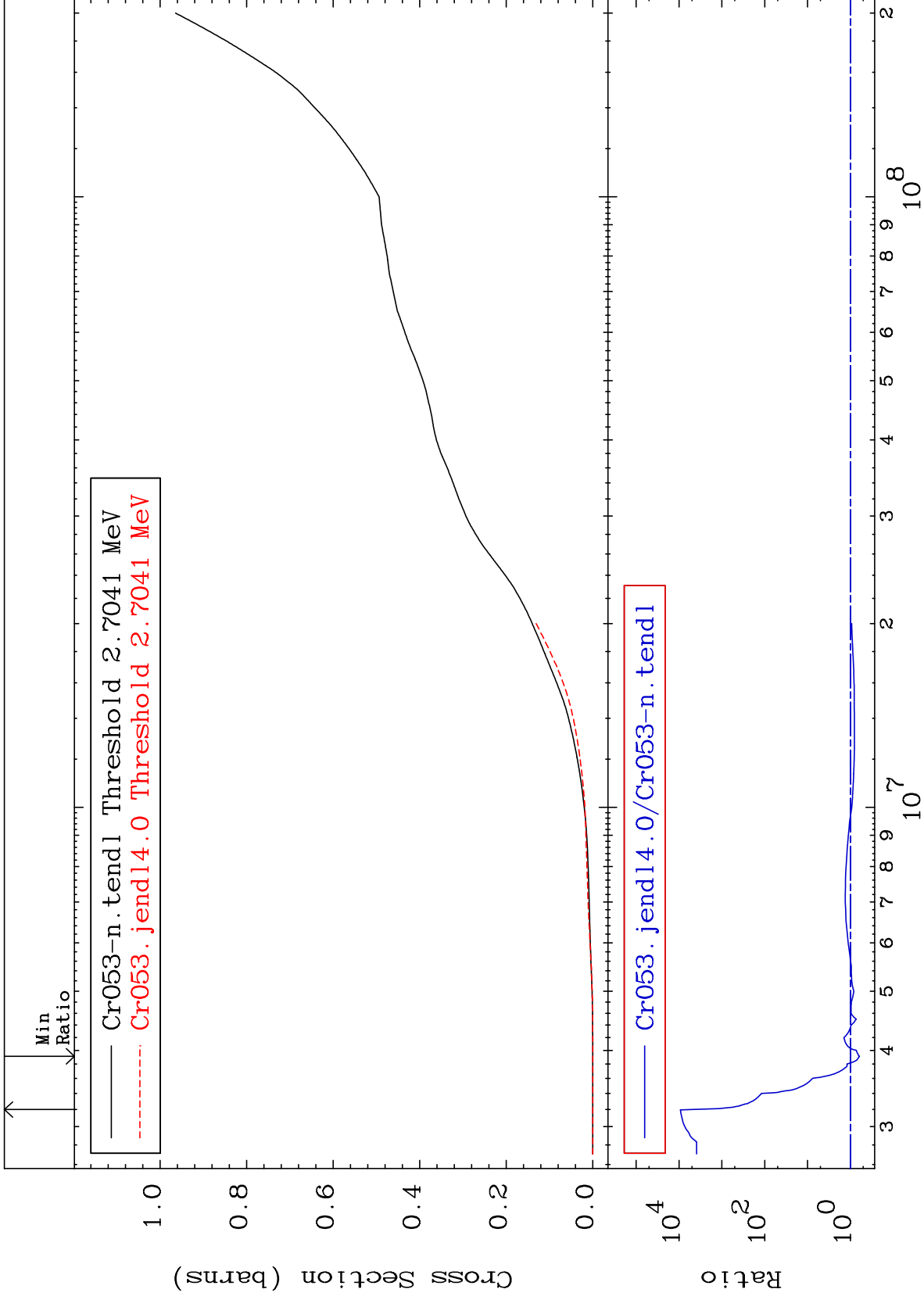
44

Incident Energy (eV)

24-Cr-53



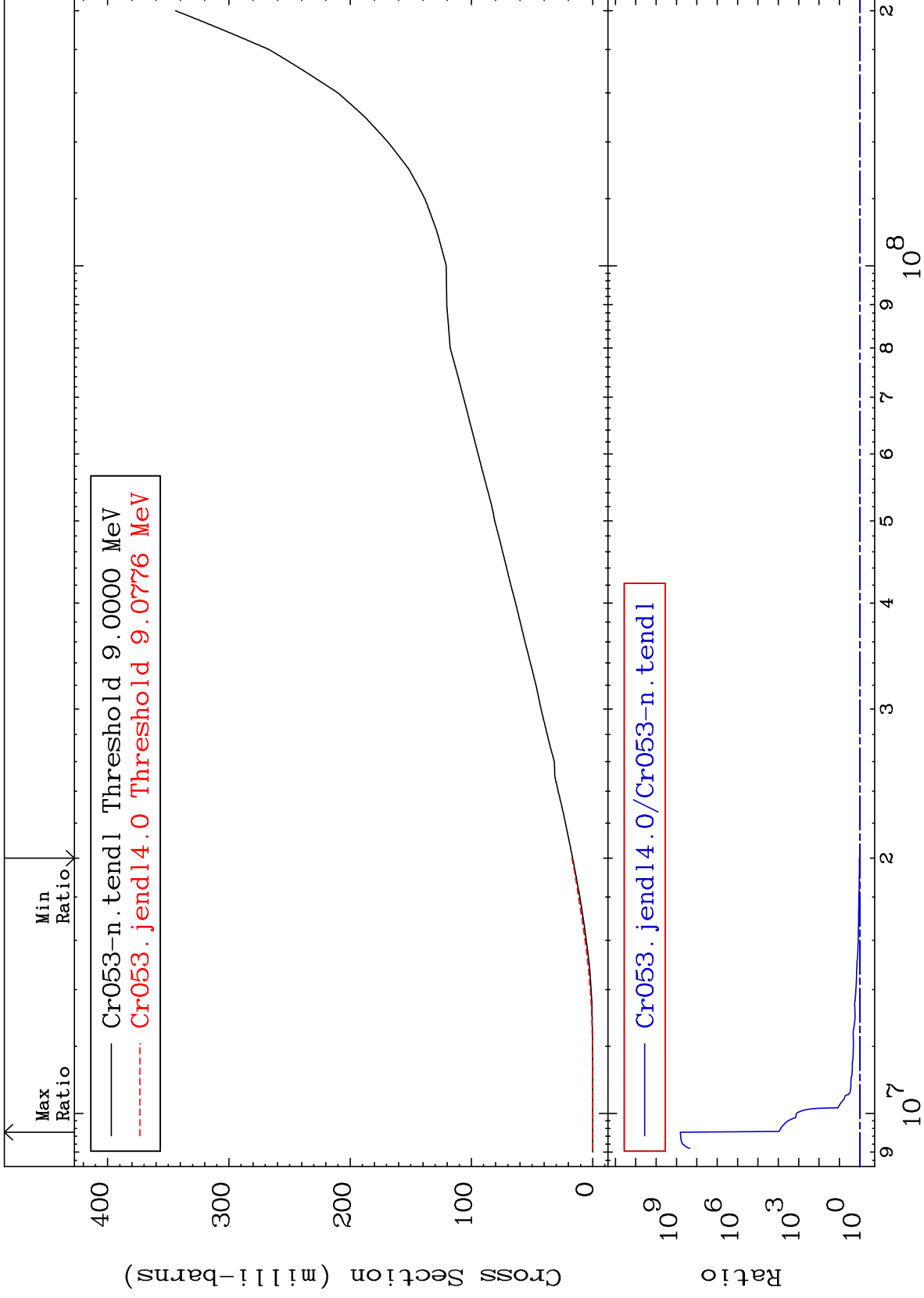




MAT 2434

Deuterium Production
Cross Section

²⁴Cr-53
To 9999. %
3.620



48

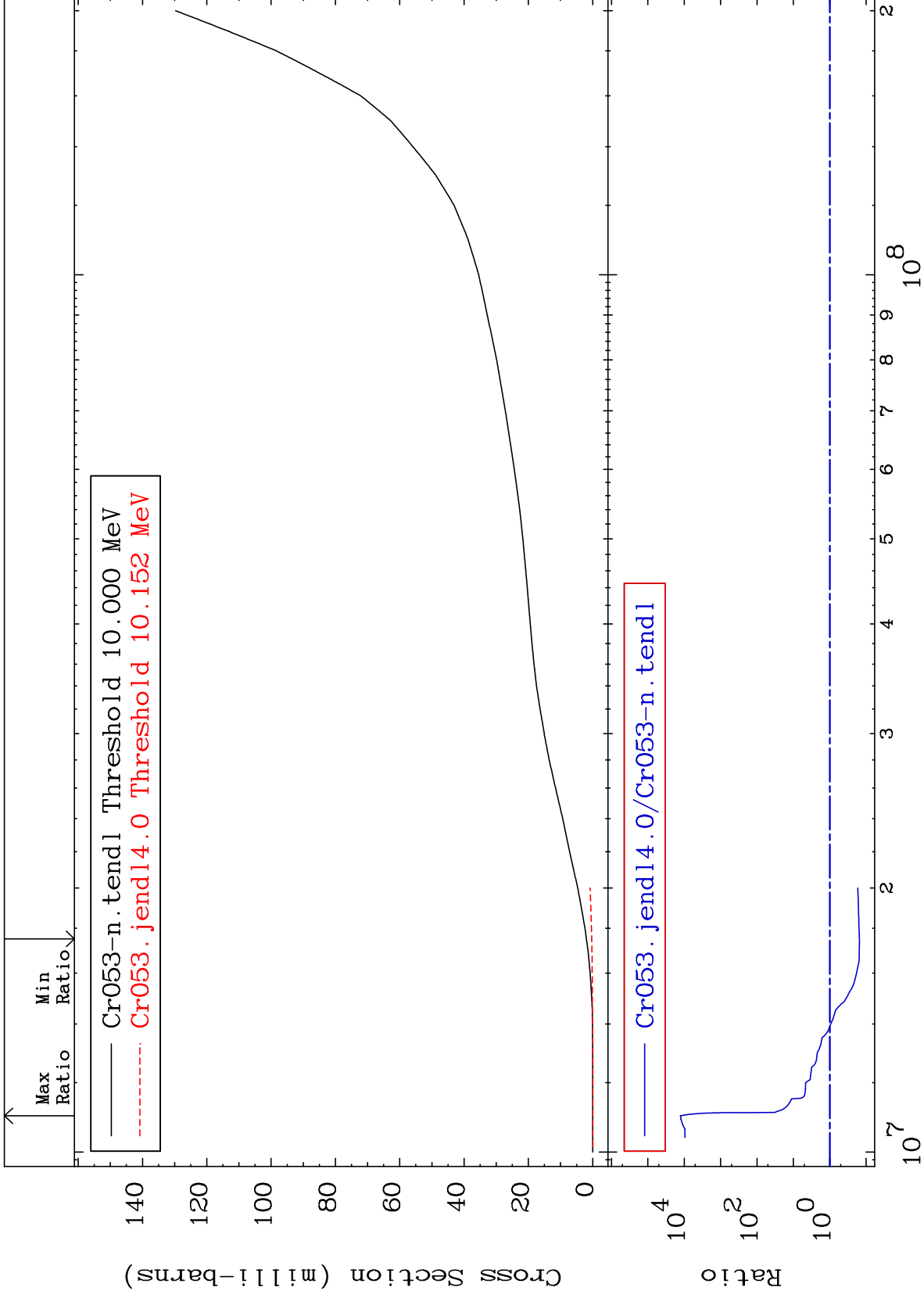
Incident Energy (eV)

²⁴Cr-53

MAT 2434

Tritium Production
Cross Section

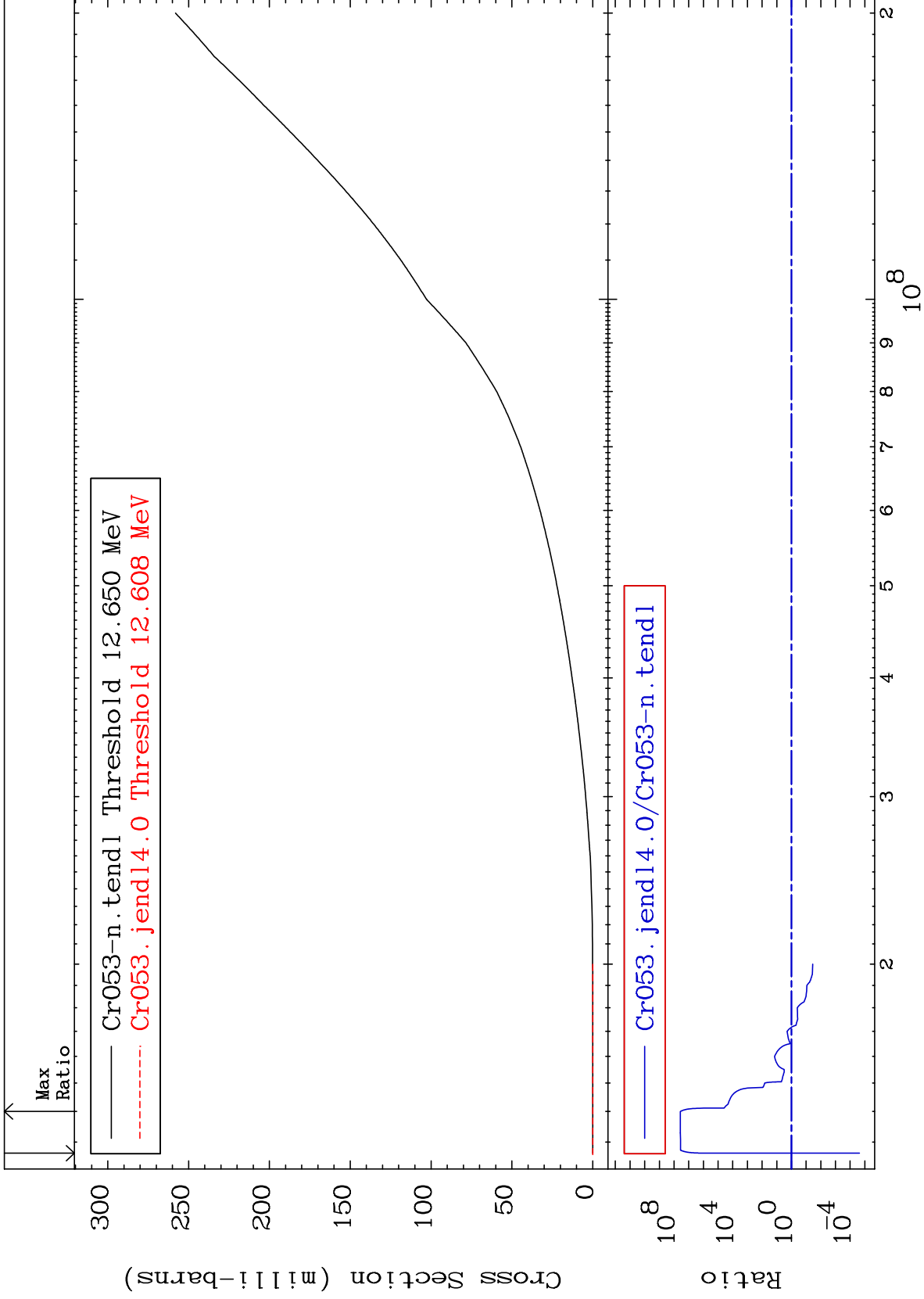
²⁴Cr-53
-84.71 To 9999. %



Incident Energy (eV)

²⁴Cr-53

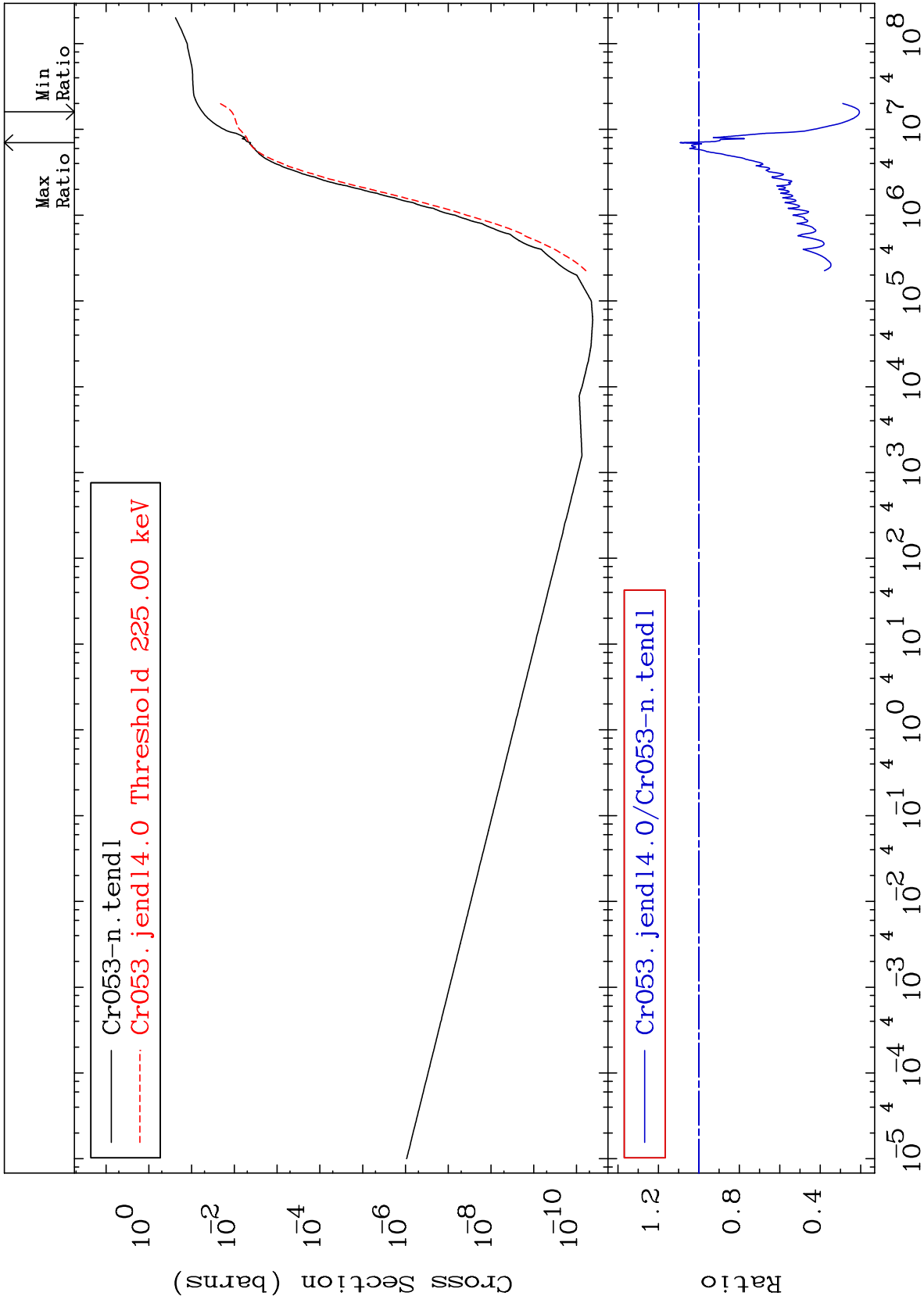
49



MAT 2434

He-4 Production
Cross Section

24-Cr-53
-79.41 To 9.156 %



51

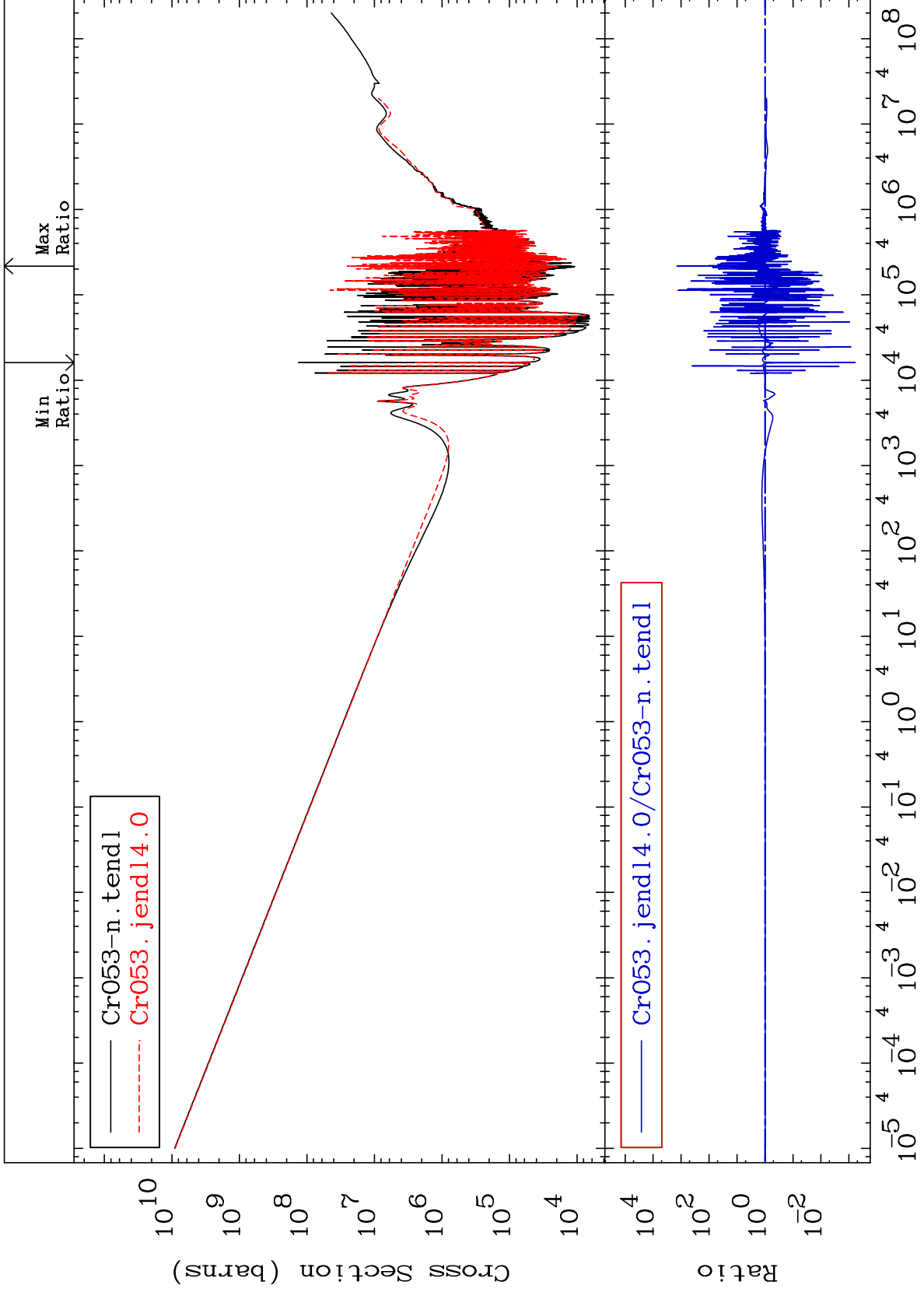
Incident Energy (eV)

24-Cr-53

MAT 2434

Kerma total (eV-barns)
Cross Section

24-Cr-53
-99.94 To 9999. %



52

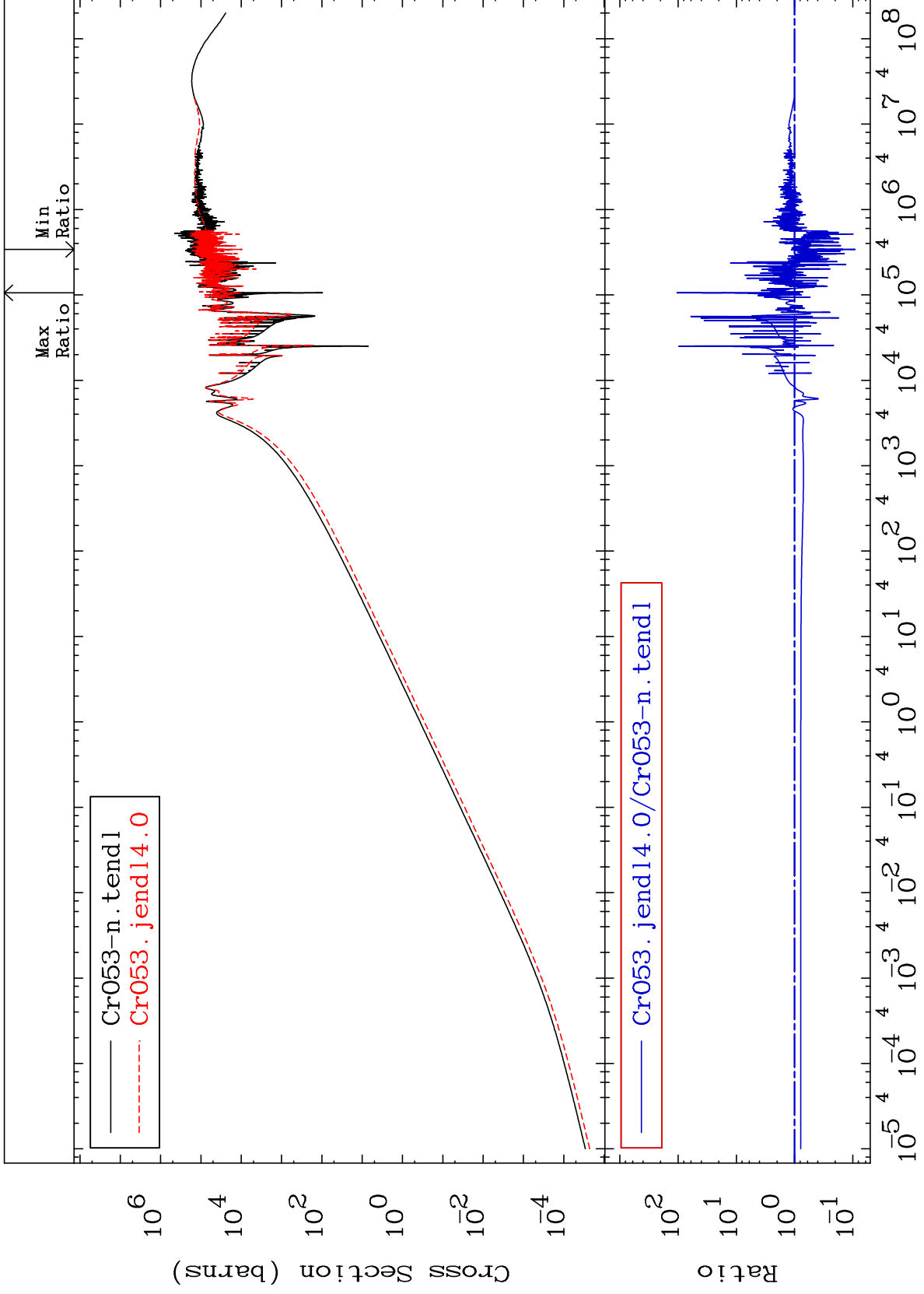
Incident Energy (eV)

24-Cr-53

MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-90.87 To 9999. %



53

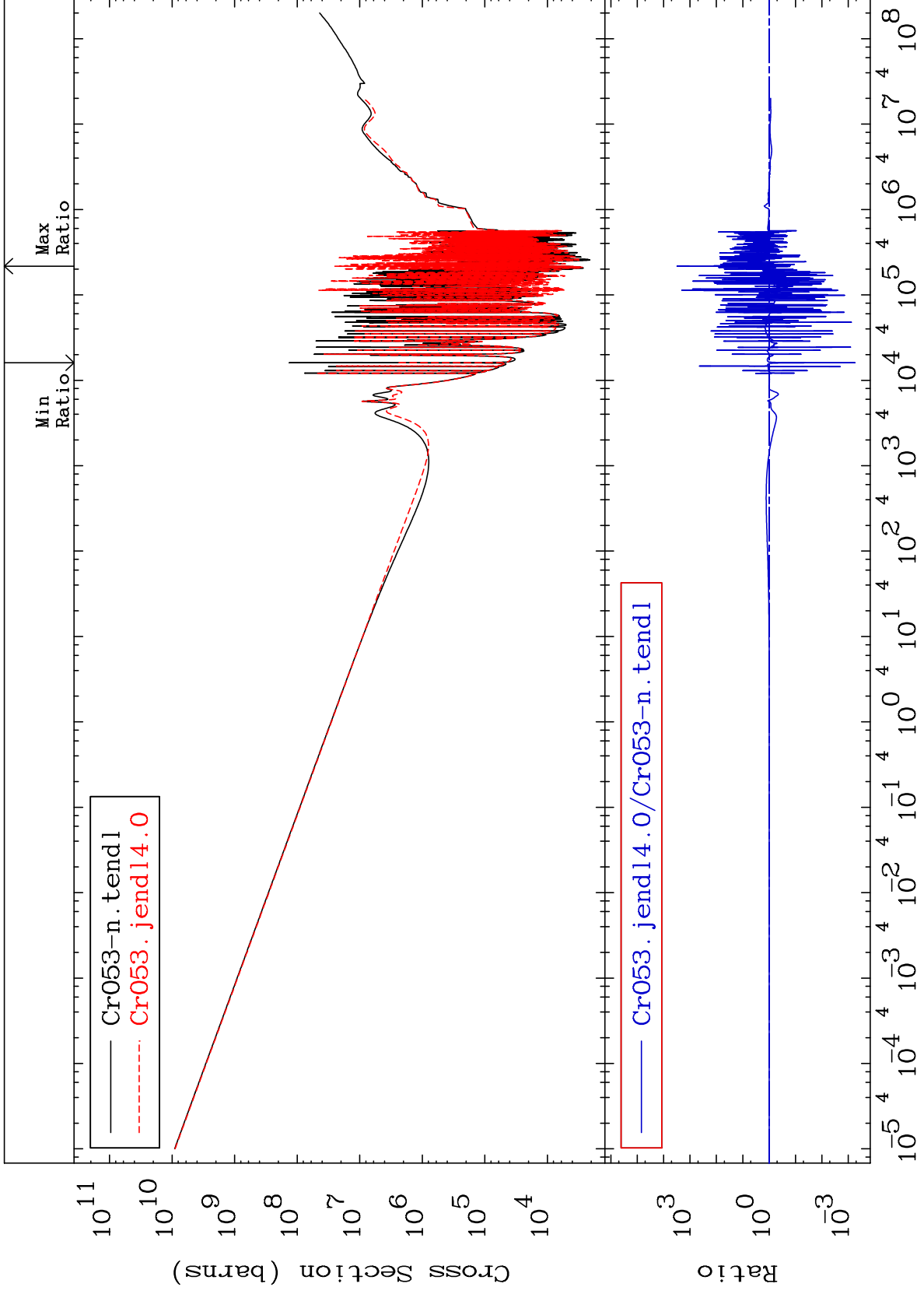
Incident Energy (eV)

24-Cr-53

MAT 2434

Kerma non-elastic (all but mt2)
Cross Section

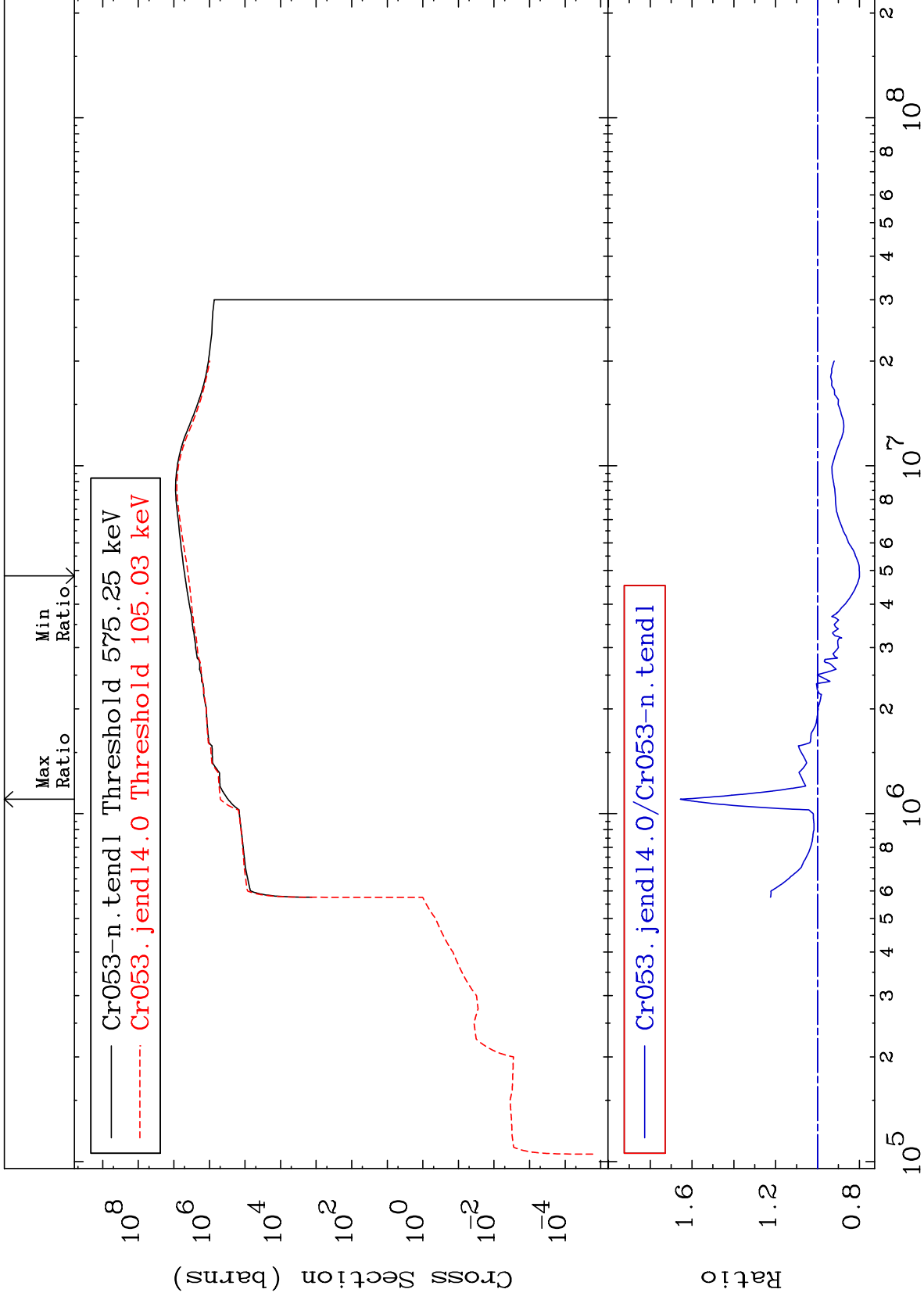
24-Cr-53
-99.95 To 9999. %



54

Incident Energy (eV)

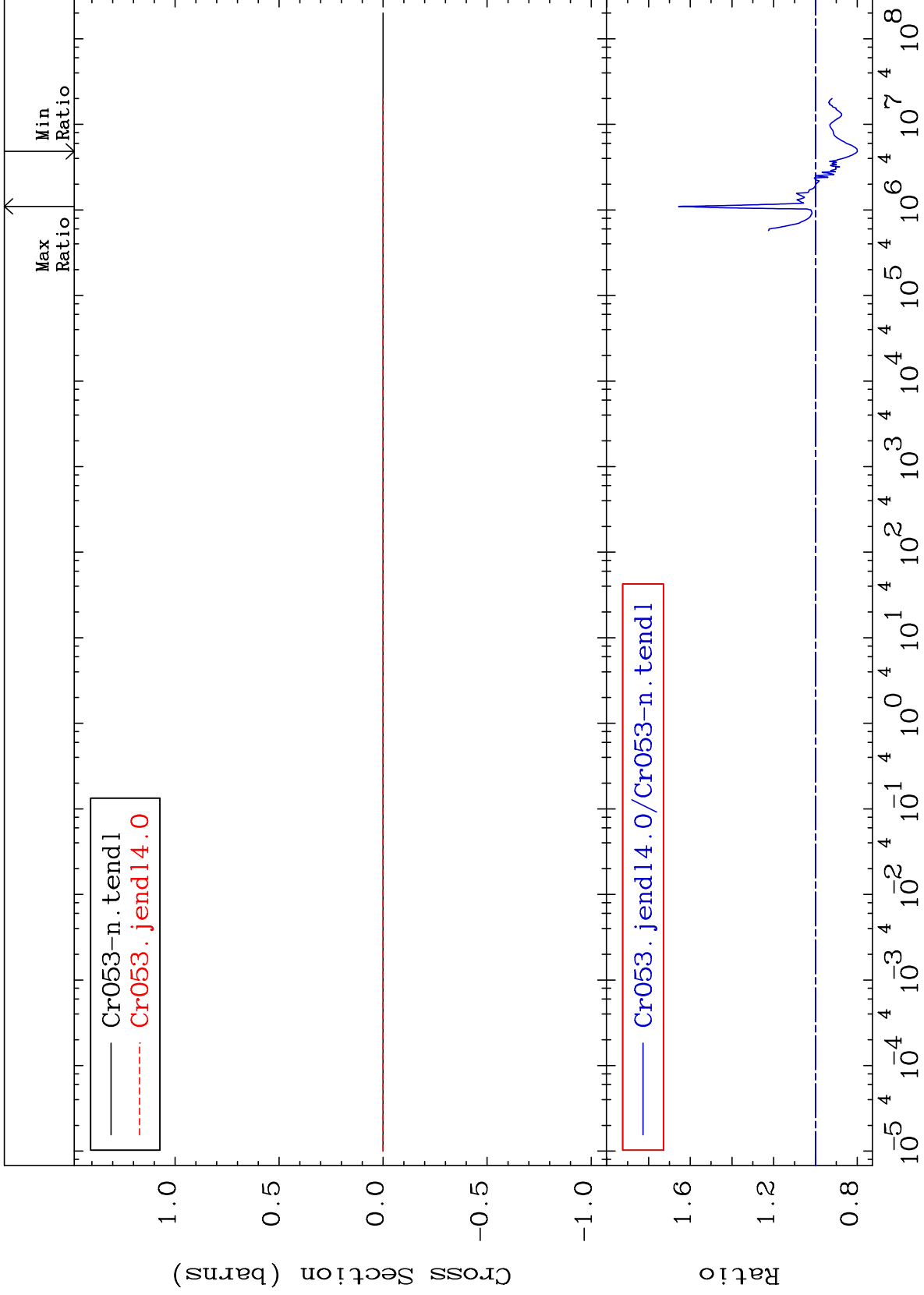
24-Cr-53



MAT 2434

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

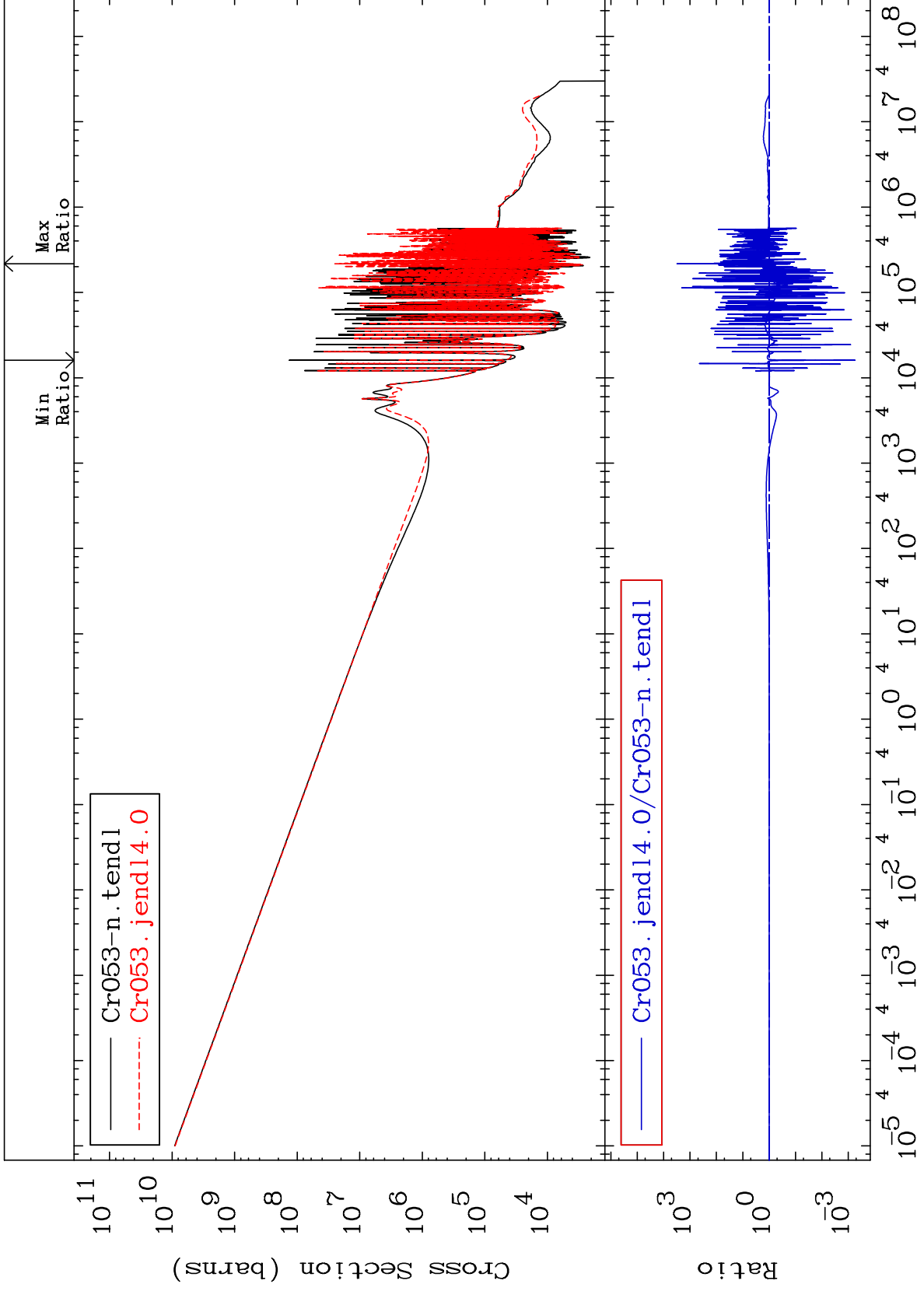
24-Cr-53
-20.03 To 65.58 %



MAT 2434

Kerma capture (mt102)
Cross Section

24-Cr-53
-99.95 To 9999. %



57

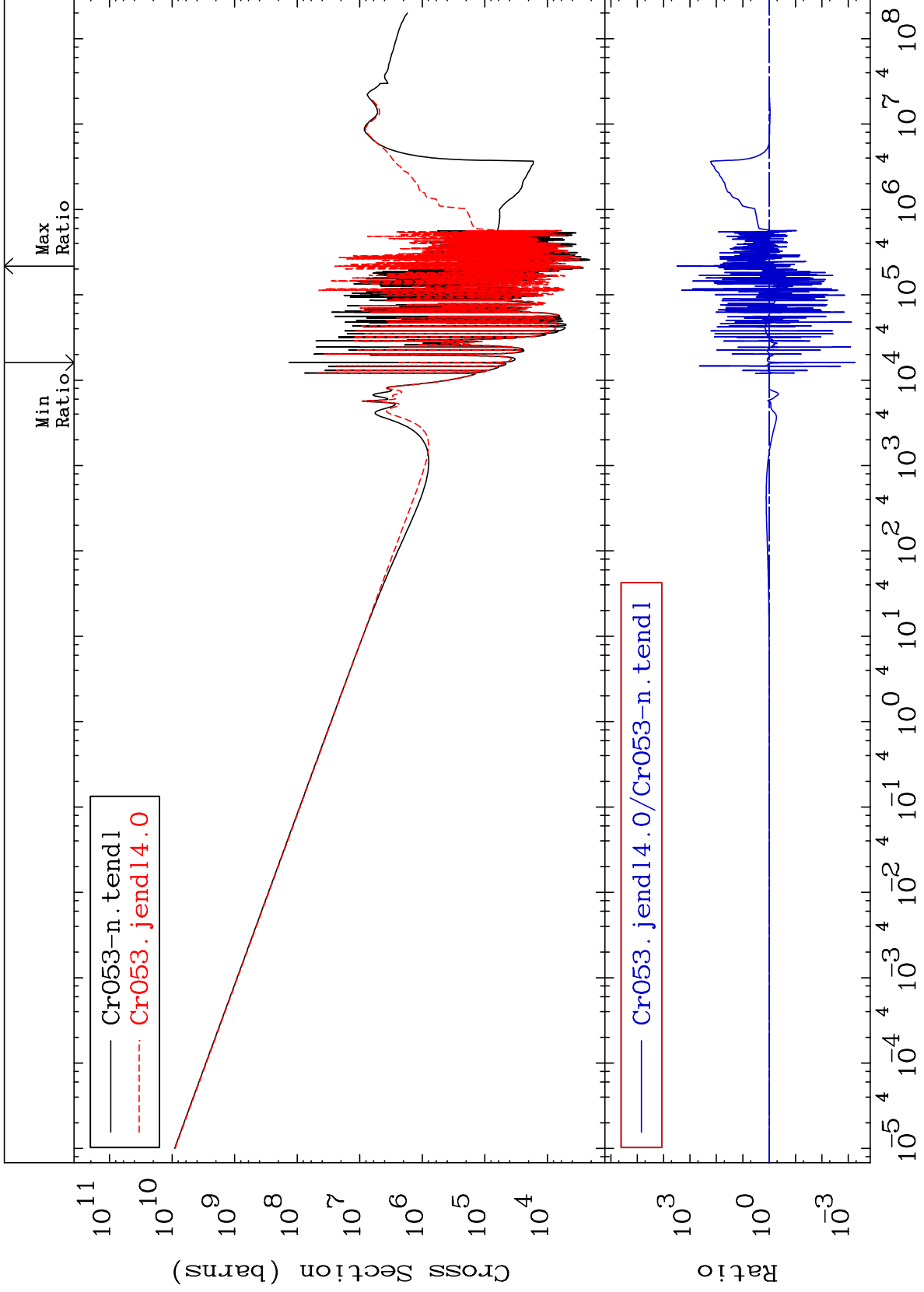
Incident Energy (eV)

24-Cr-53

MAT 2434

Total photon (eV-barns)
Cross Section

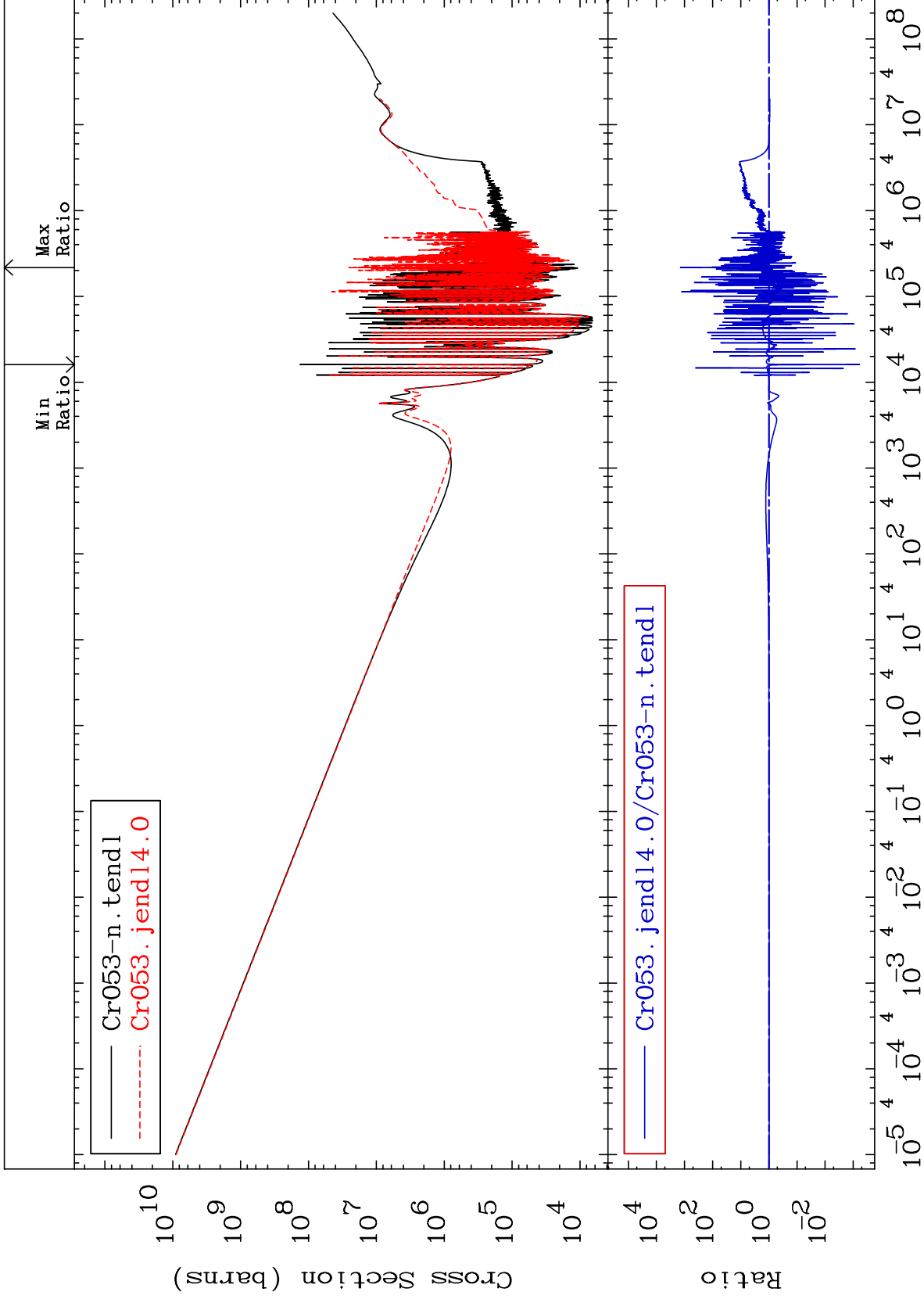
24-Cr-53
-99.95 To 9999. %



58

Incident Energy (eV)

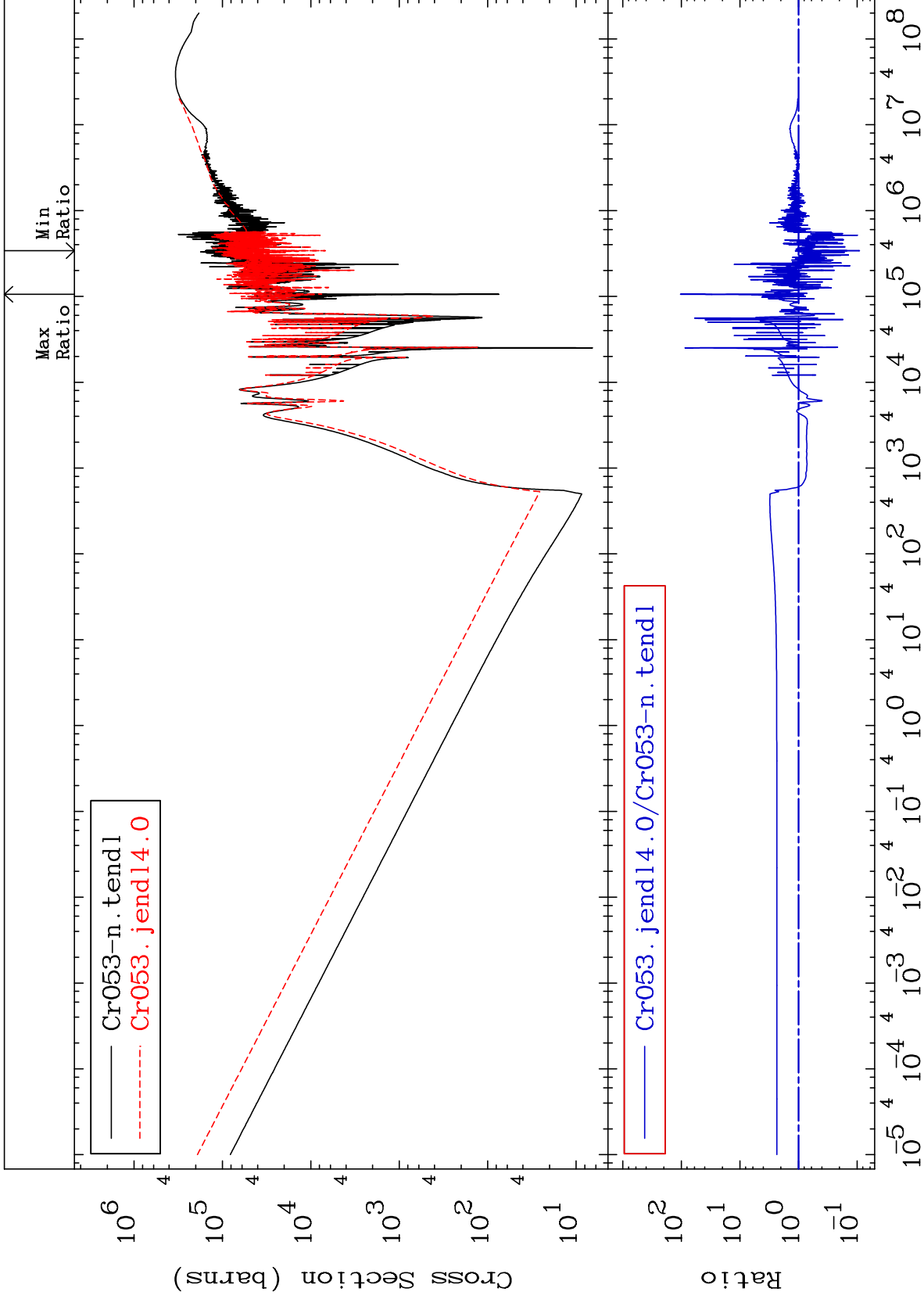
24-Cr-53



MAT 2434

Dpa total (eV-barns)
Cross Section

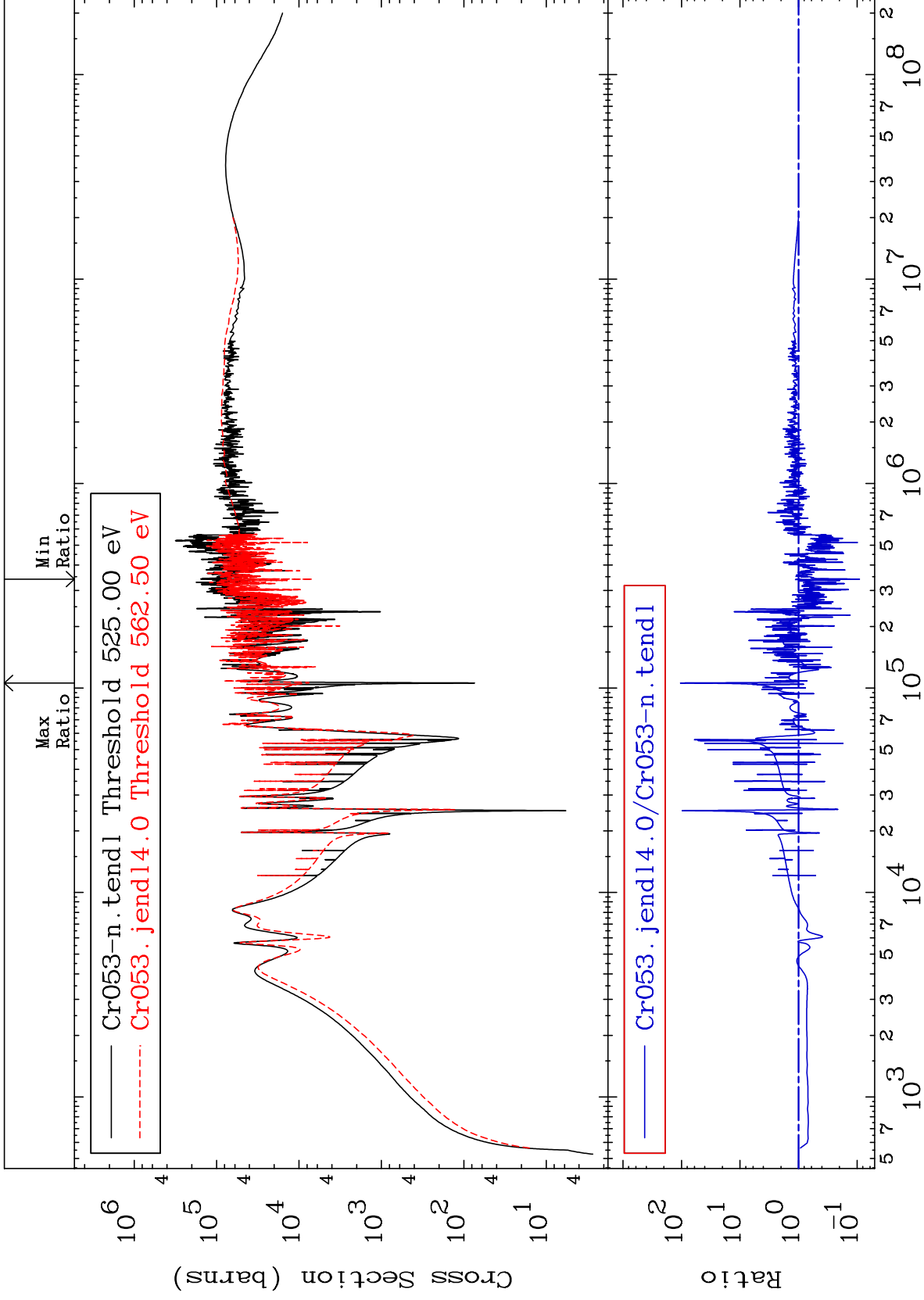
24-Cr-53
-90.88 To 9999. %



60

Incident Energy (eV)

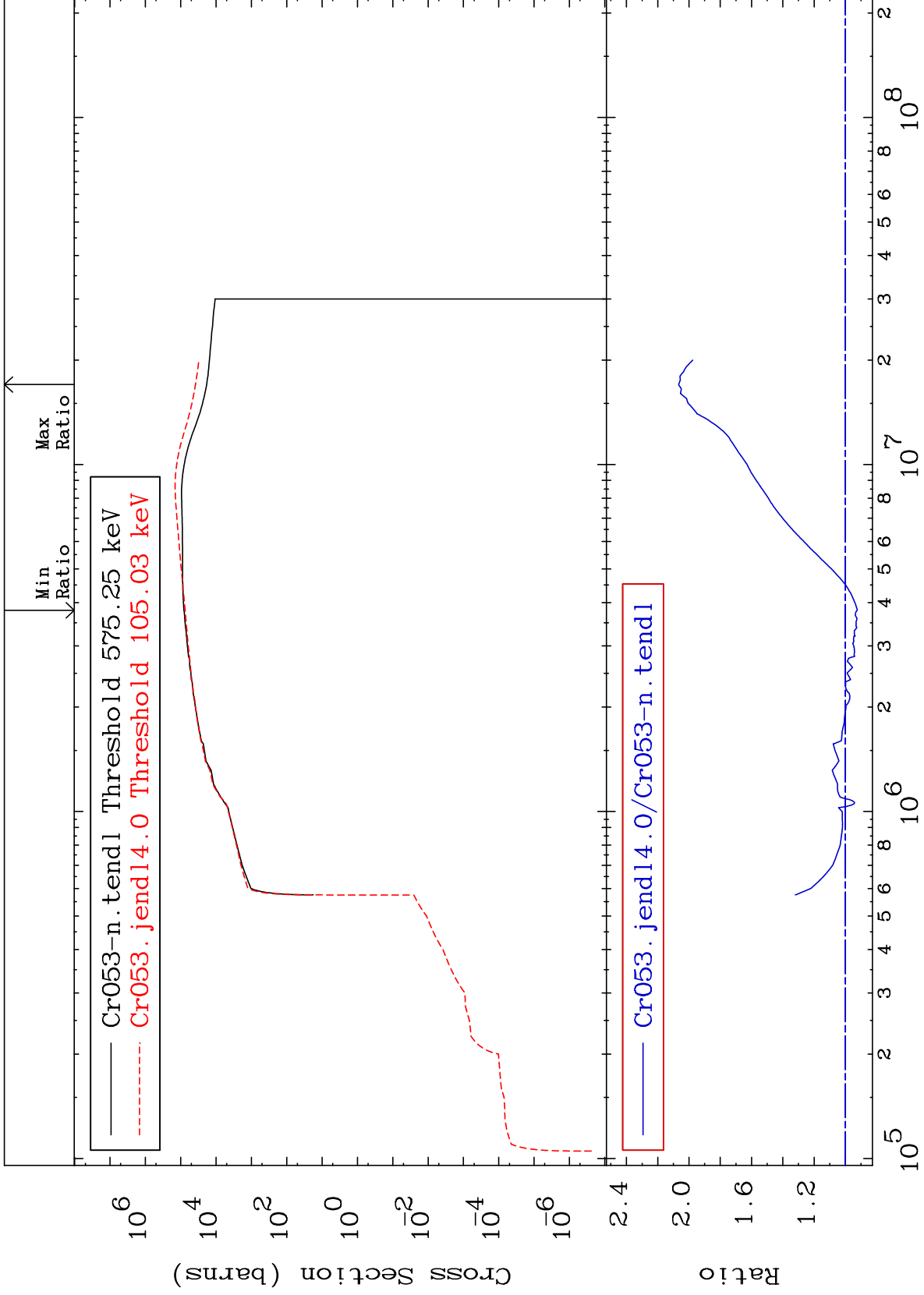
24-Cr-53



MAT 2434

Dpa inelastic (mt51-91)
Cross Section

24-Cr-53
-7.595 To 106.6 %



62

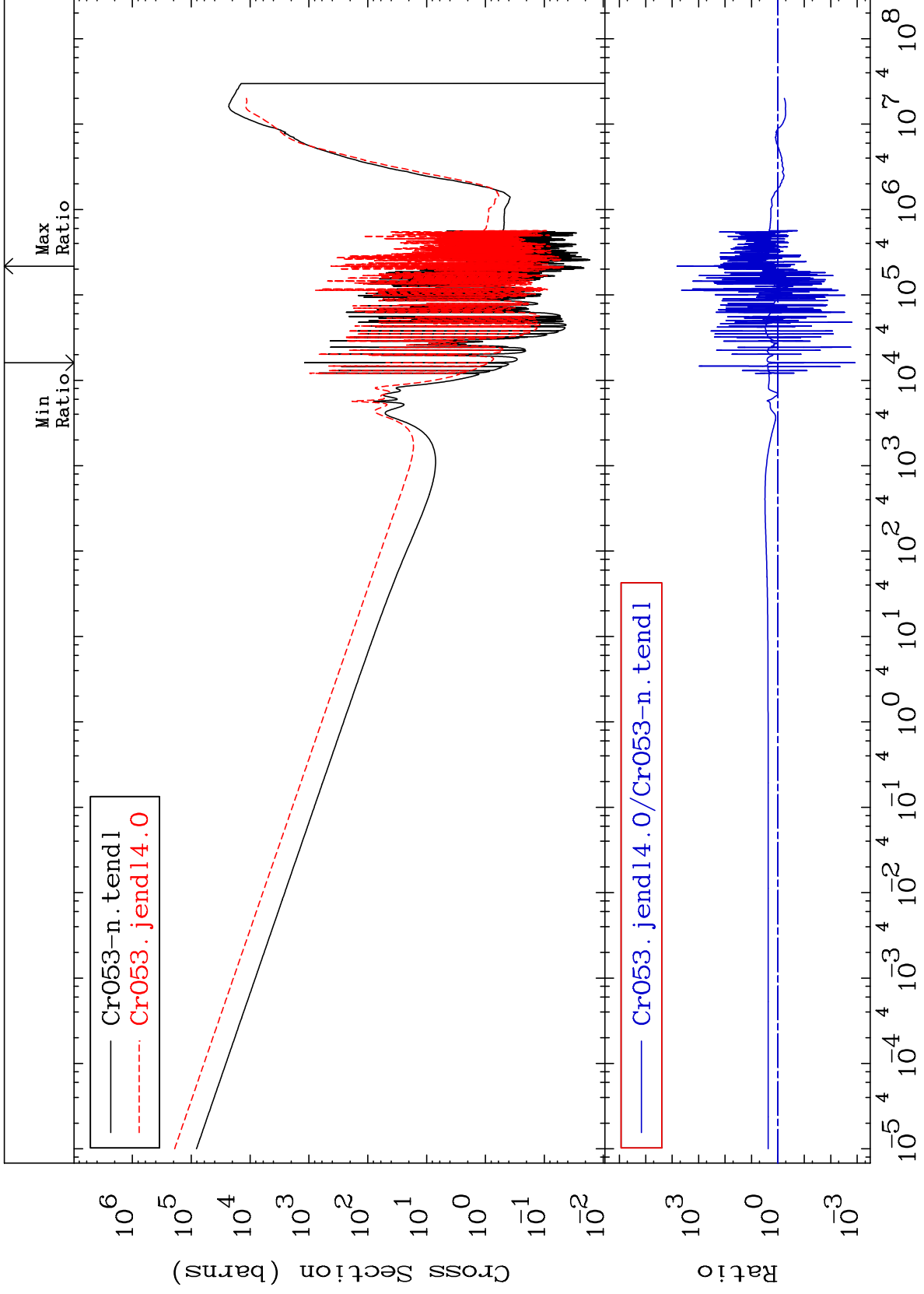
Incident Energy (eV)

24-Cr-53

MAT 2434

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-53
-99.88 To 9999. %



63

Incident Energy (eV)

24-Cr-53