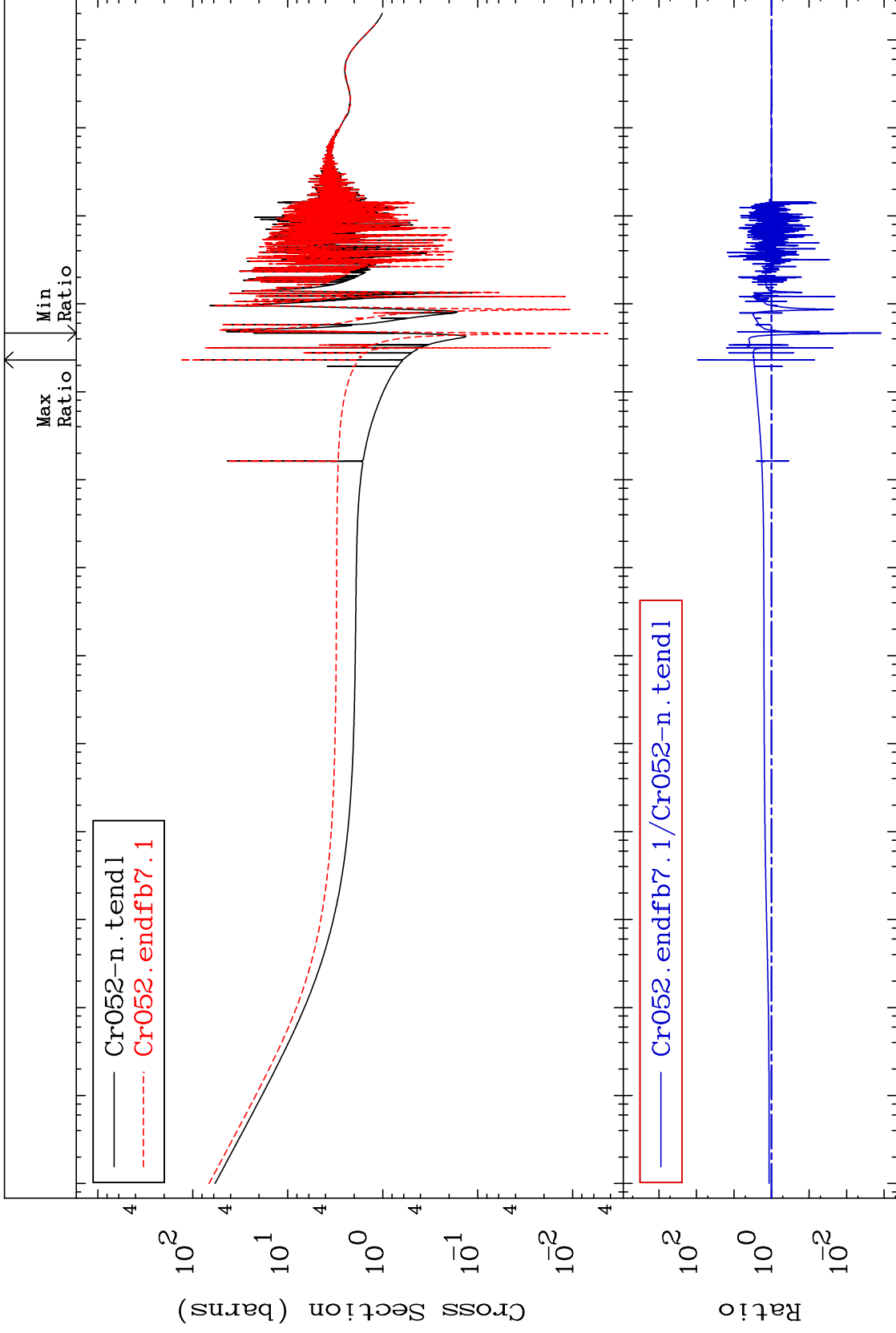


MAT 2431

Total
Cross Section

24-Cr-52
-99.88 To 9262. %



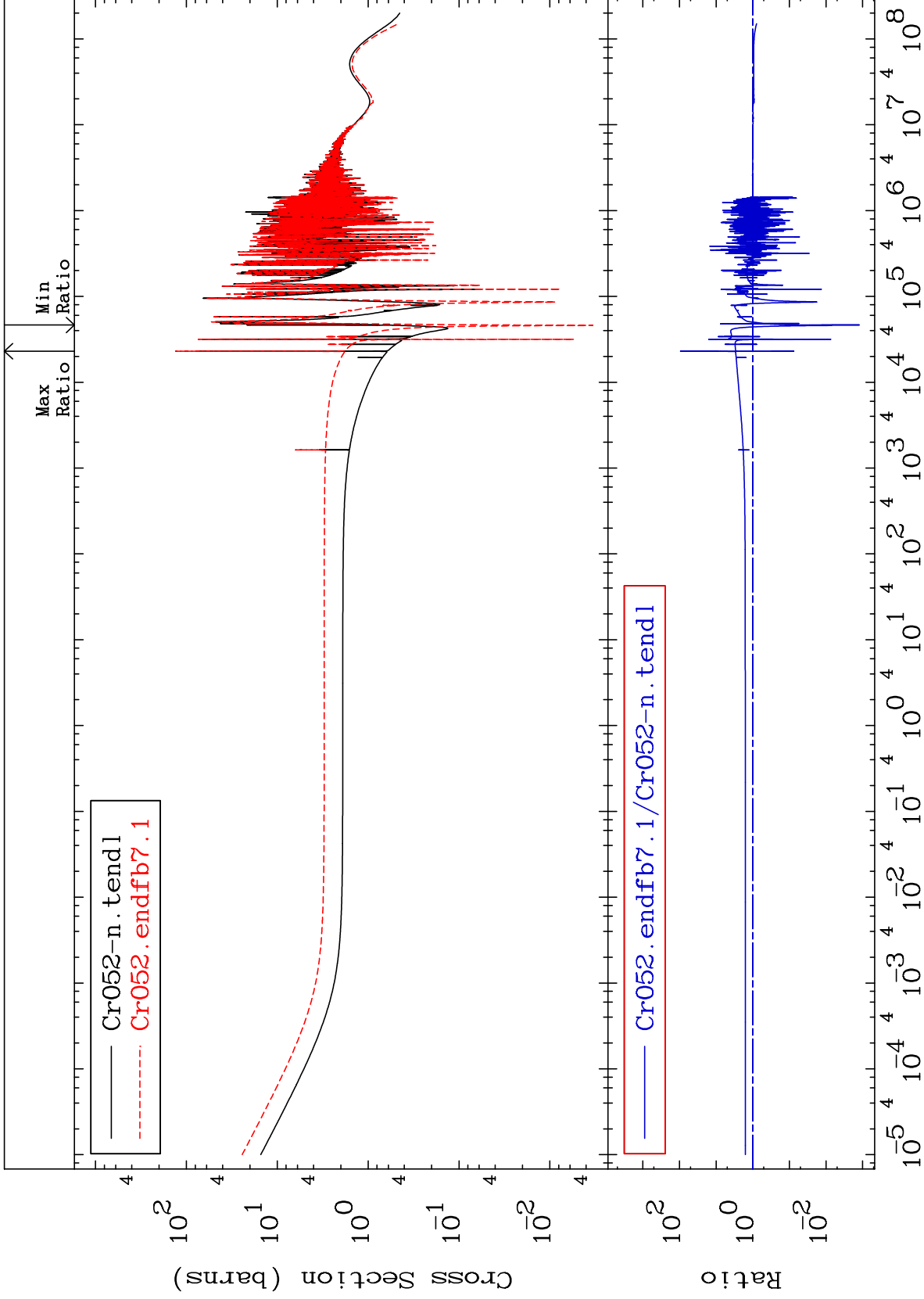
Incident Energy (eV)

24-Cr-52

MAT 2431

Elastic
Cross Section

24-Cr-52
-99.88 To 9378. %



2

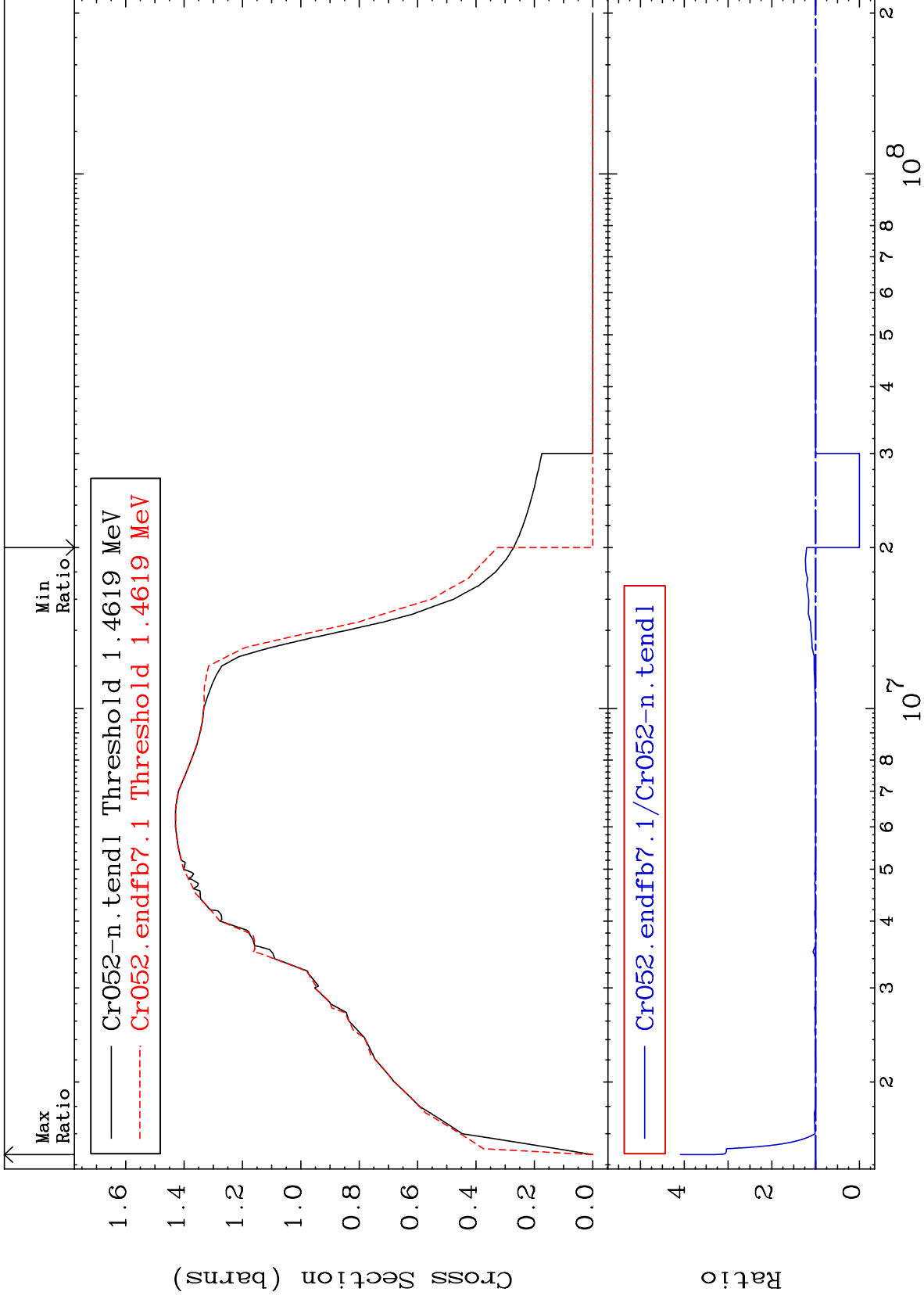
Incident Energy (eV)

24-Cr-52

MAT 2431

Inelastic
Cross Section

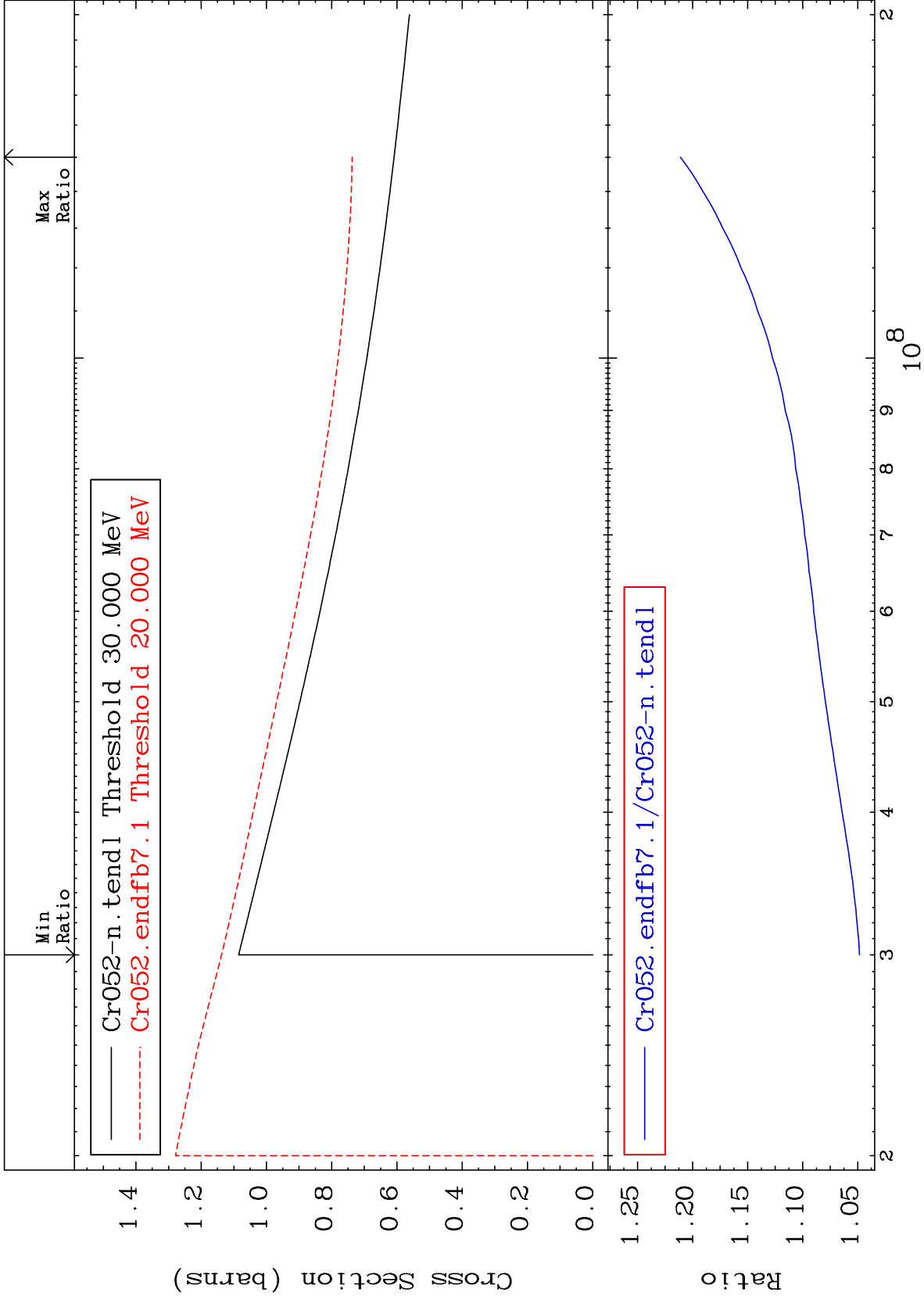
²⁴Cr-52
-100.0 To 309.0 %



MAT 2431

(n, remainder)
Cross Section

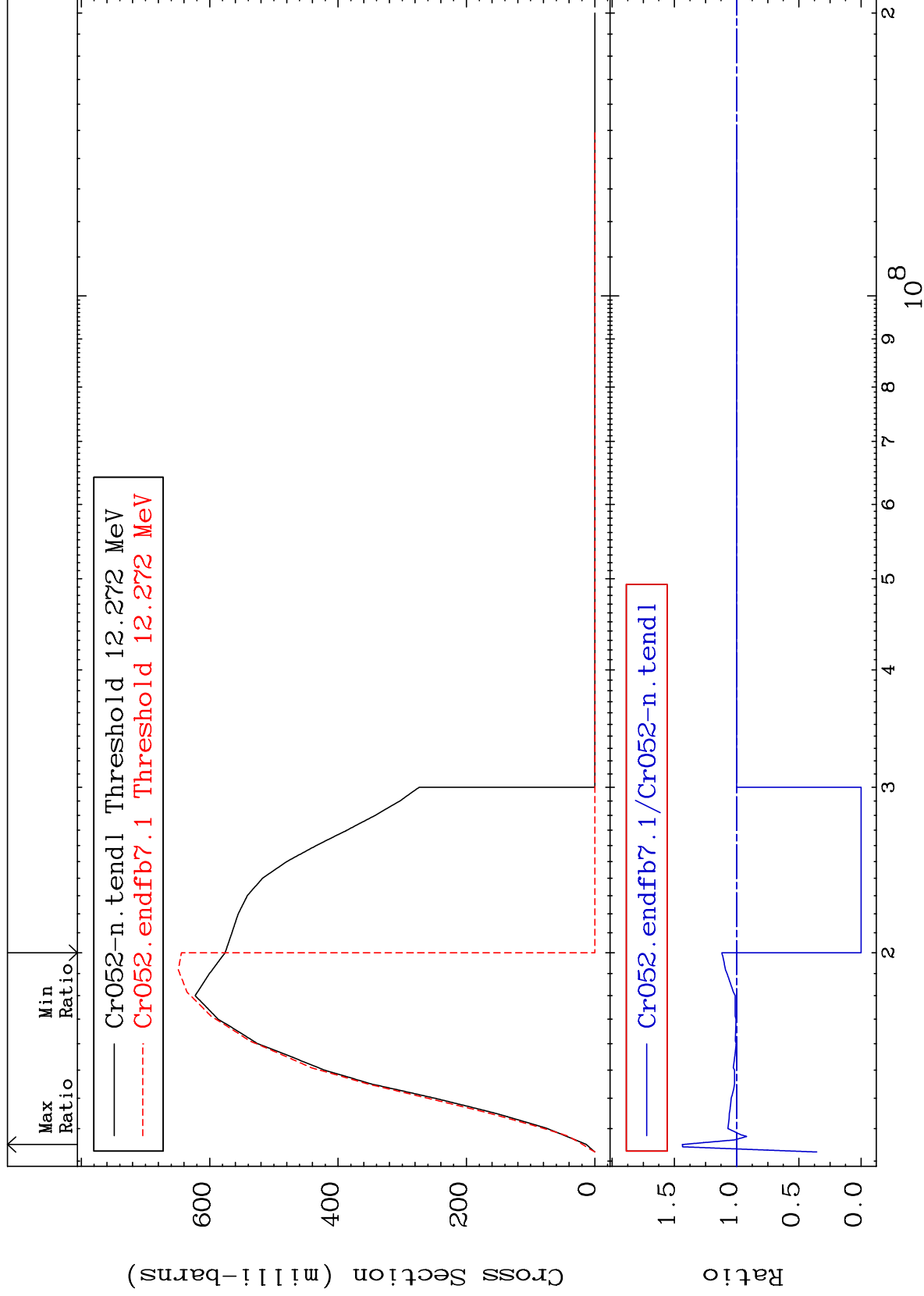
24-Cr-52
To 21.12 %
4.839



MAT 2431

(n,2n)
Cross Section

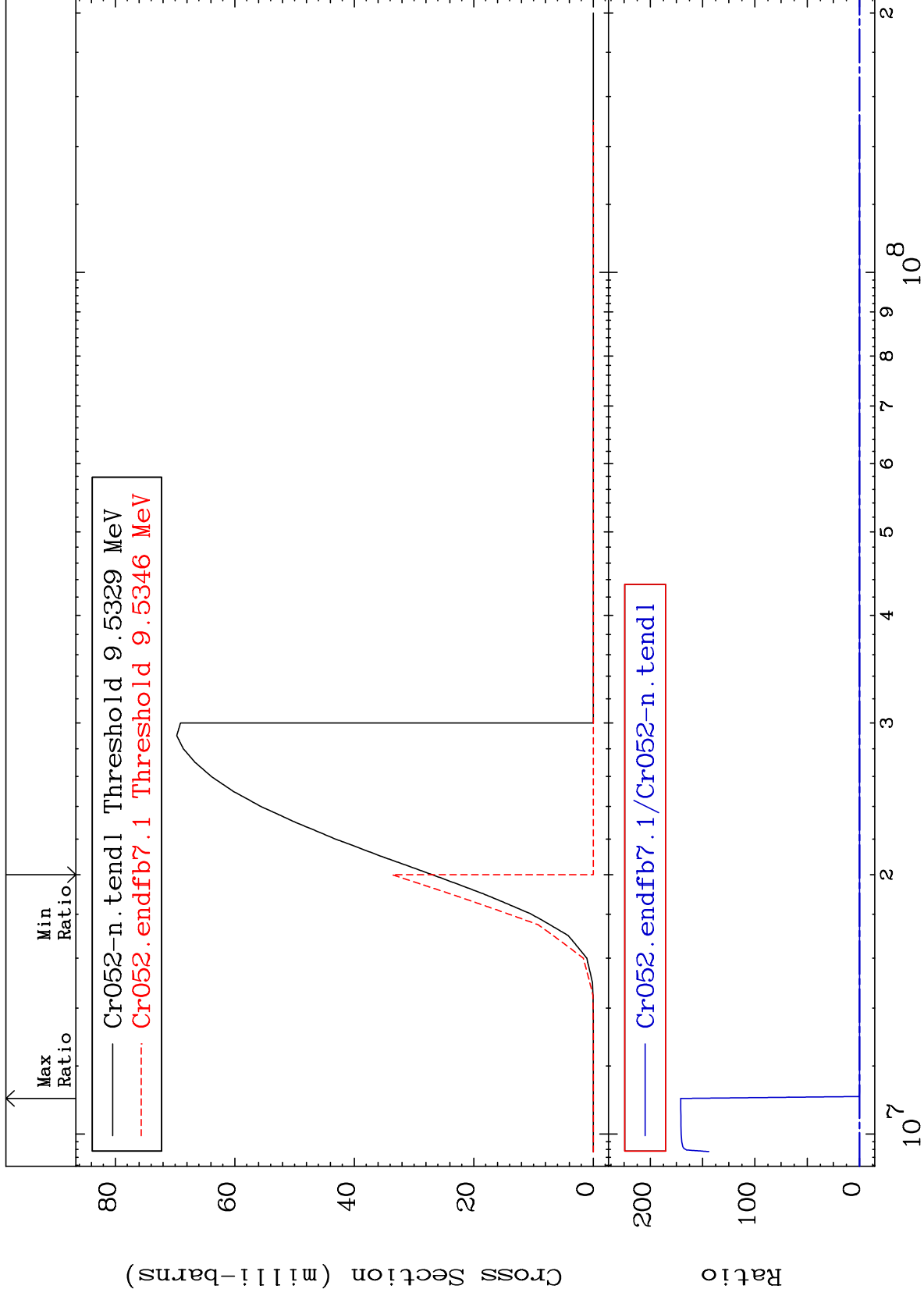
²⁴Cr-52
-100.0 To 43.62 %



MAT 2431

(n,n') α
Cross Section

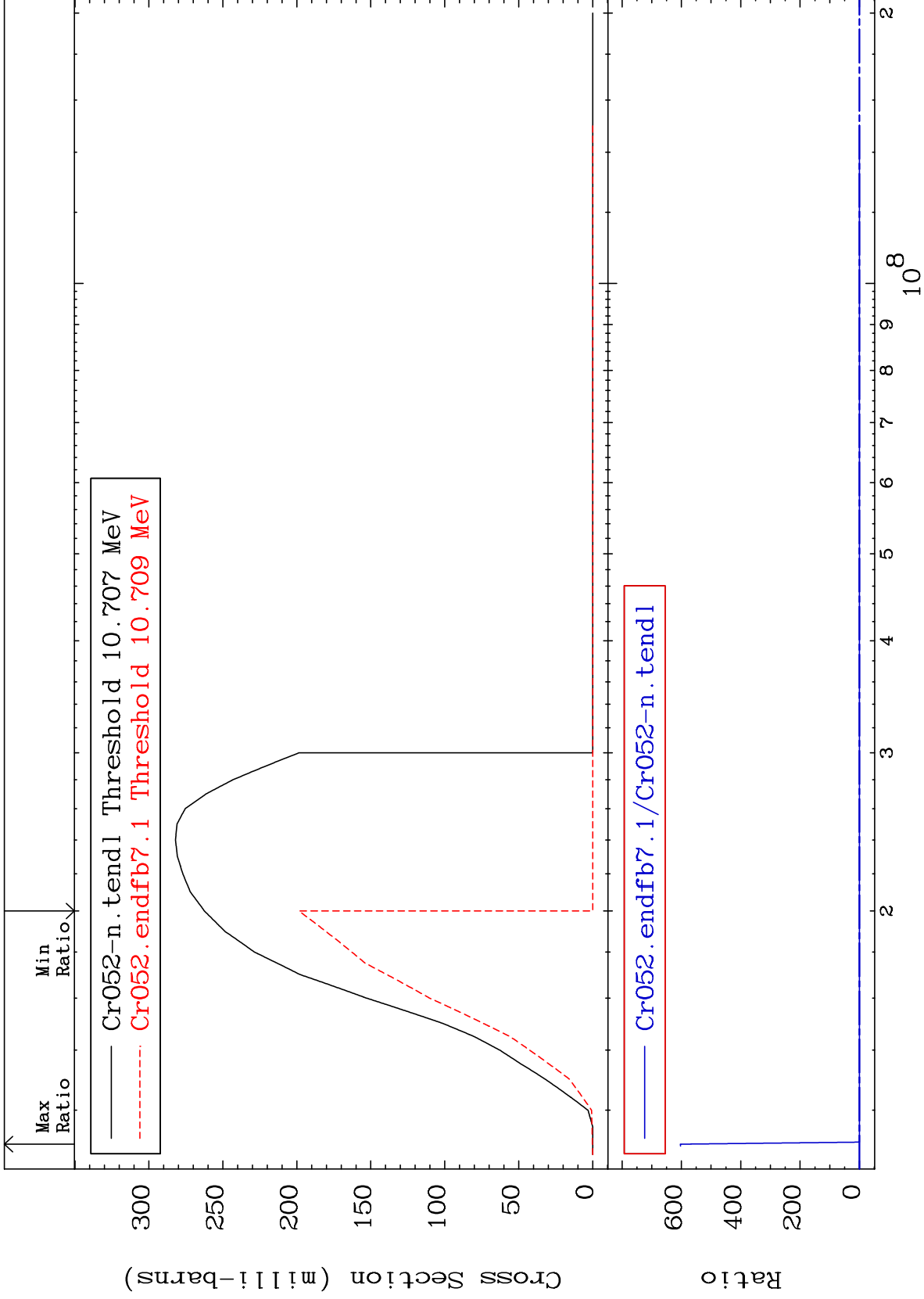
²⁴Cr-52
-100.0 To 9999. %



MAT 2431

(n,n') p
Cross Section

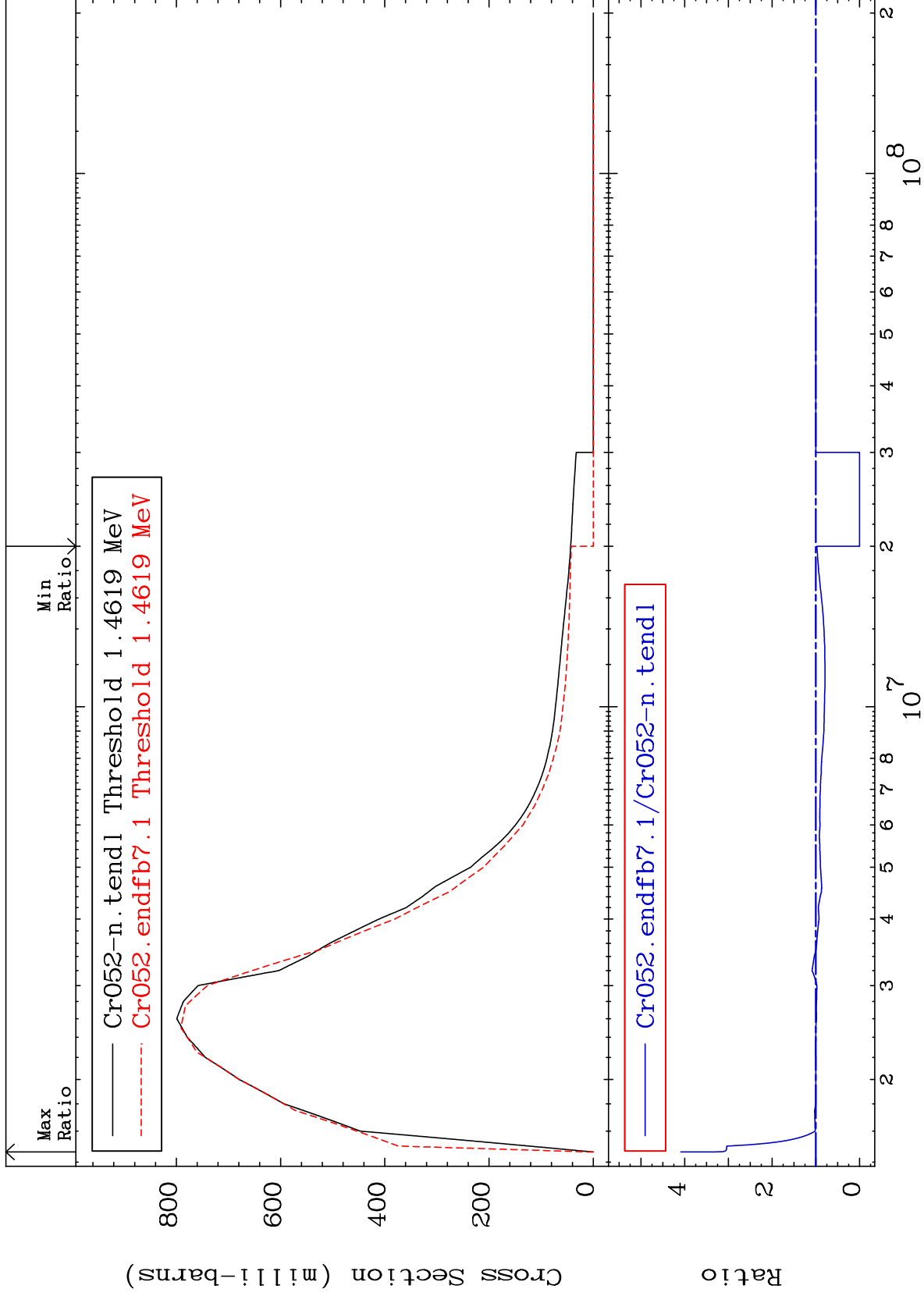
²⁴Cr-52
-100.0 To 9999. %



MAT 2431

1.434 MeV (n,n') Level
Cross Section

24-Cr-52
-100.0 To 309.0 %

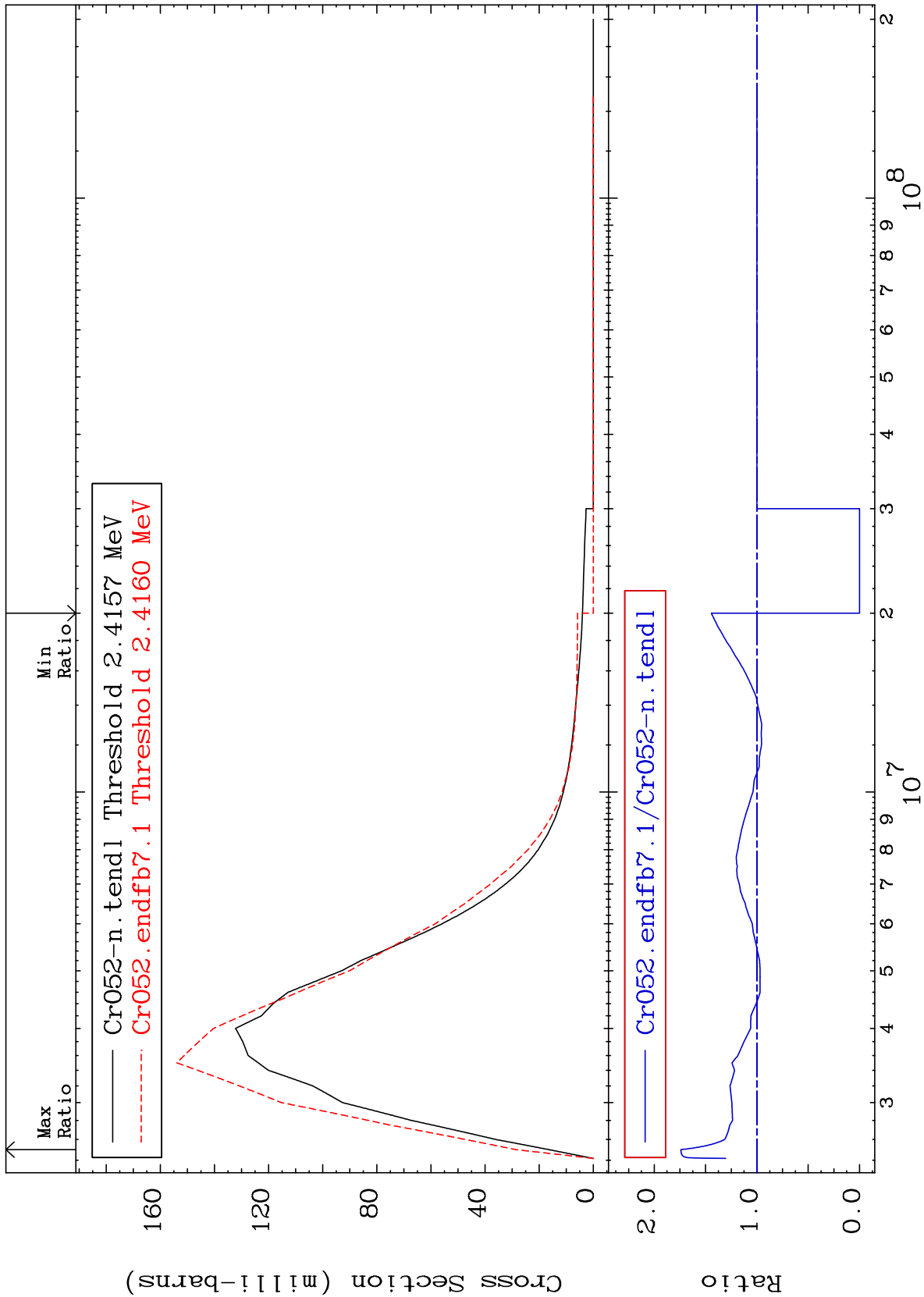


8

Incident Energy (eV)

24-Cr-52

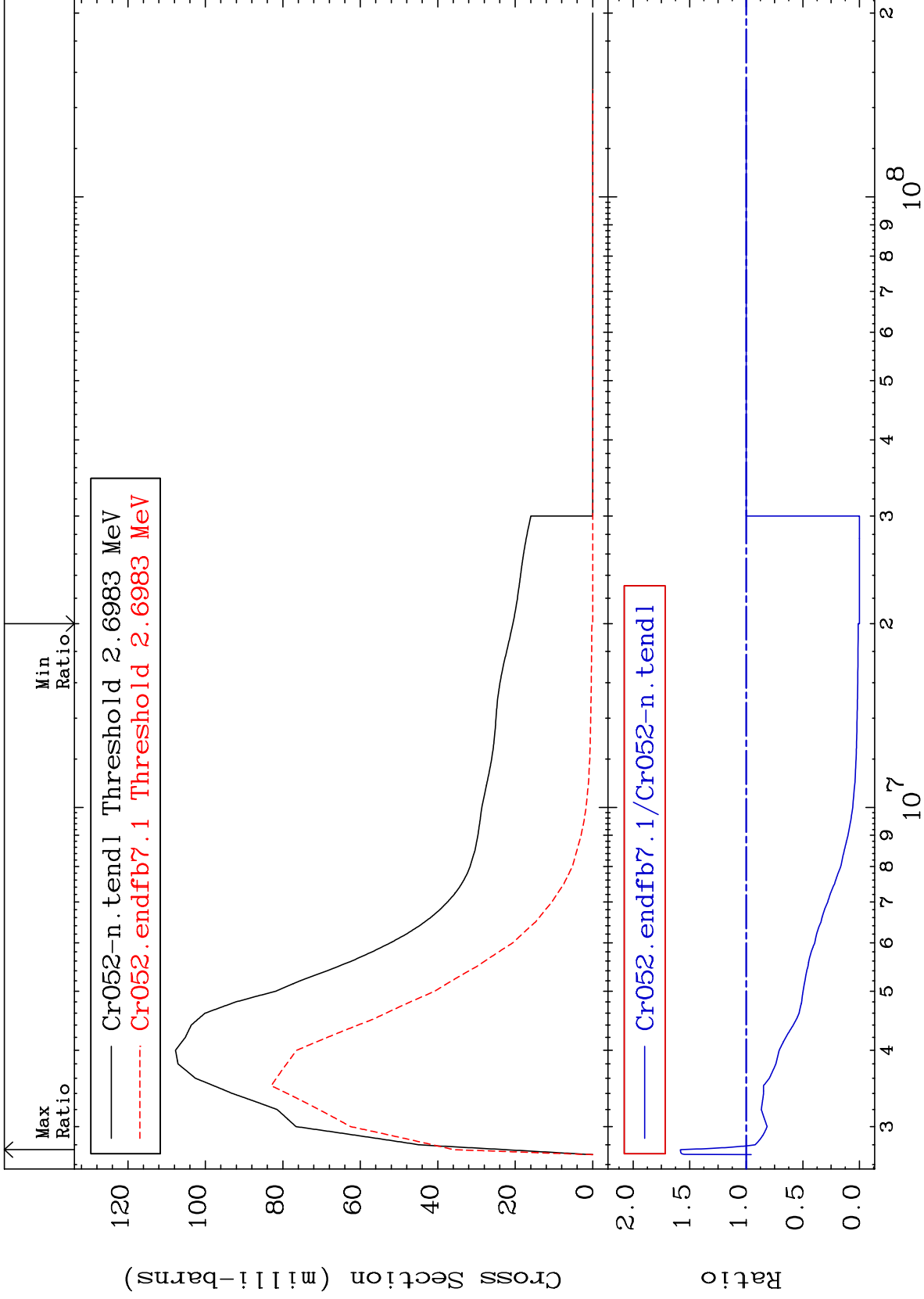
MAT 2431 2.370 MeV (n,n') Level 24-Cr-52
 Cross Section -100.0 To 74.16 %



MAT 2431

2.647 MeV (n,n') Level
Cross Section

24-Cr-52
-100.0 To 58.27 %



10

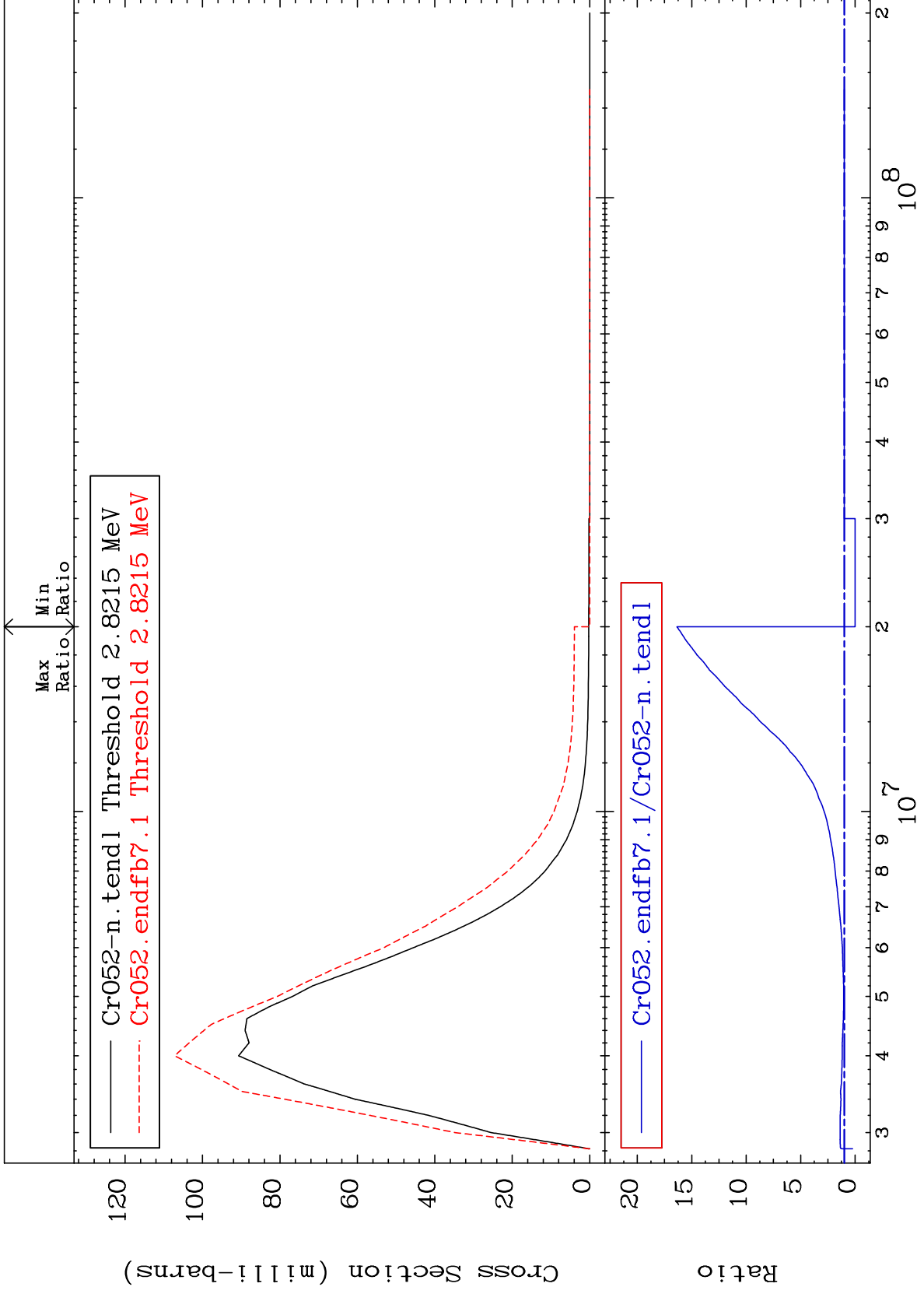
Incident Energy (eV)

24-Cr-52

MAT 2431

2.768 MeV (n,n') Level
Cross Section

²⁴Cr-52
-100.0 To 1536. %



11

Incident Energy (eV)

²⁴Cr-52

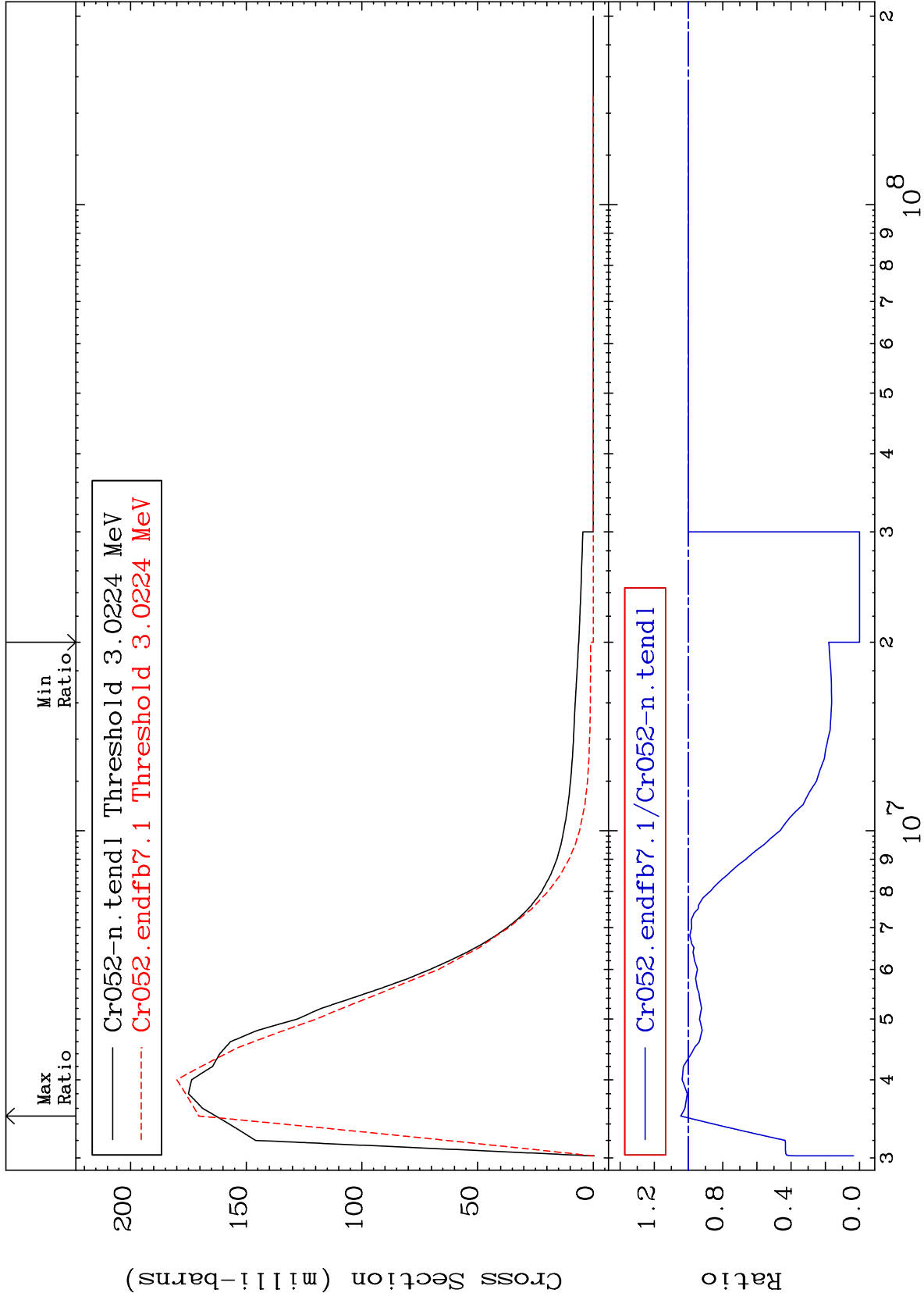
MAT 2431

2.965 MeV (n,n') Level

²⁴Cr-52

-100.0 To 4.503 %

Cross Section



12

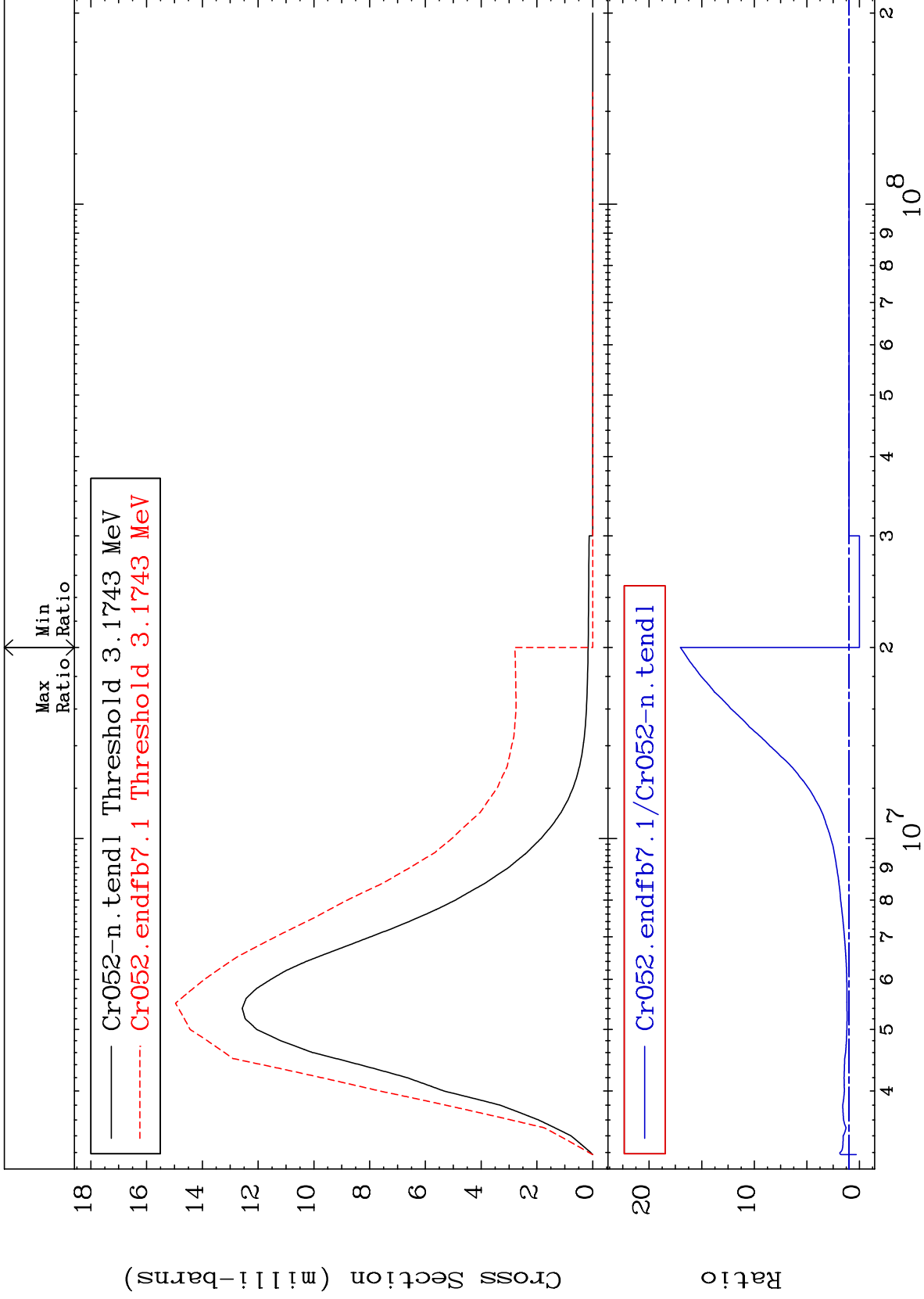
Incident Energy (eV)

²⁴Cr-52

MAT 2431

3.114 MeV (n,n') Level
Cross Section

24-Cr-52
-100.0 To 1603. %



13

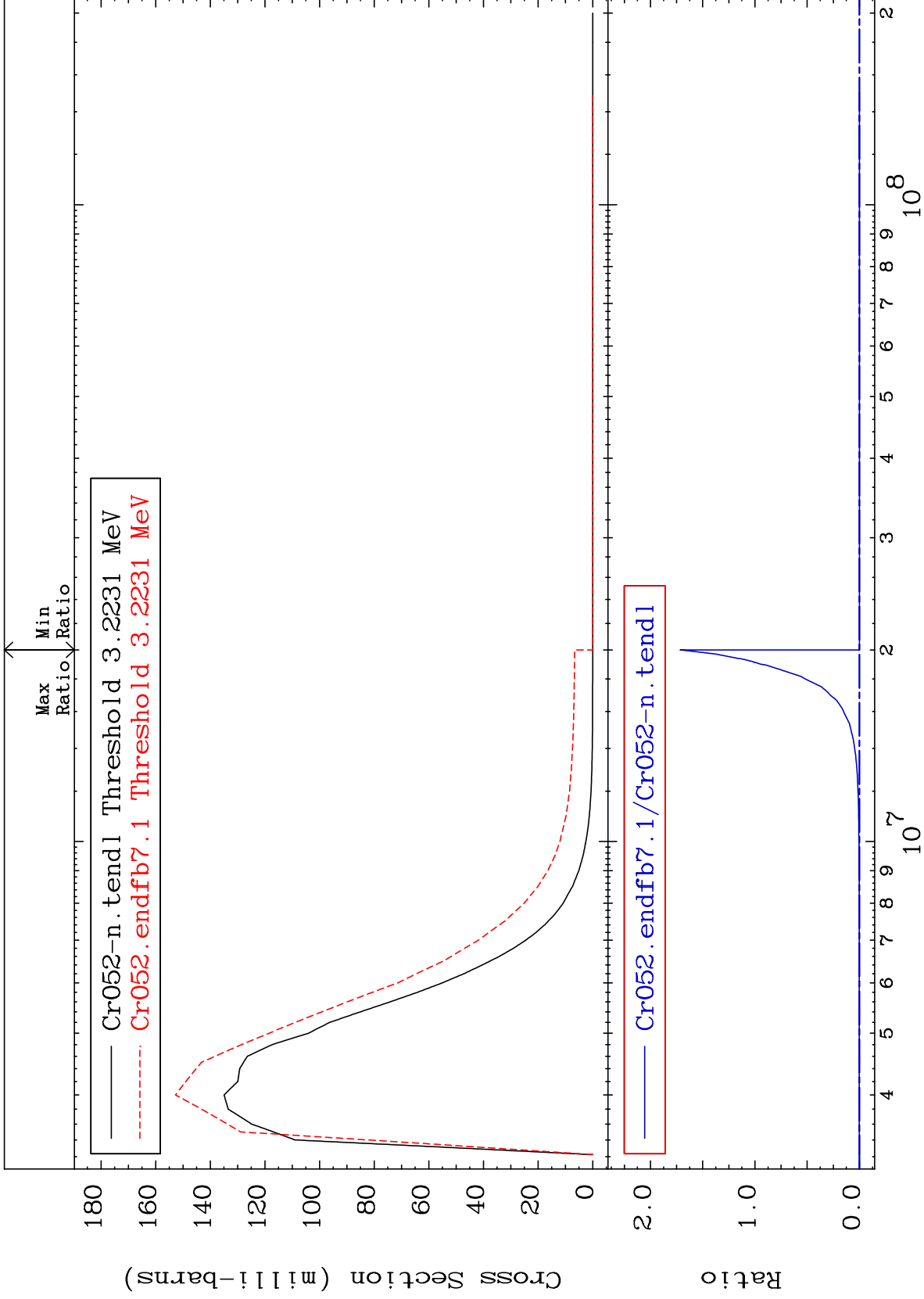
Incident Energy (eV)

24-Cr-52

MAT 2431

3.162 MeV (n,n') Level
Cross Section

24-Cr-52
-100.0 To 9999. %



14

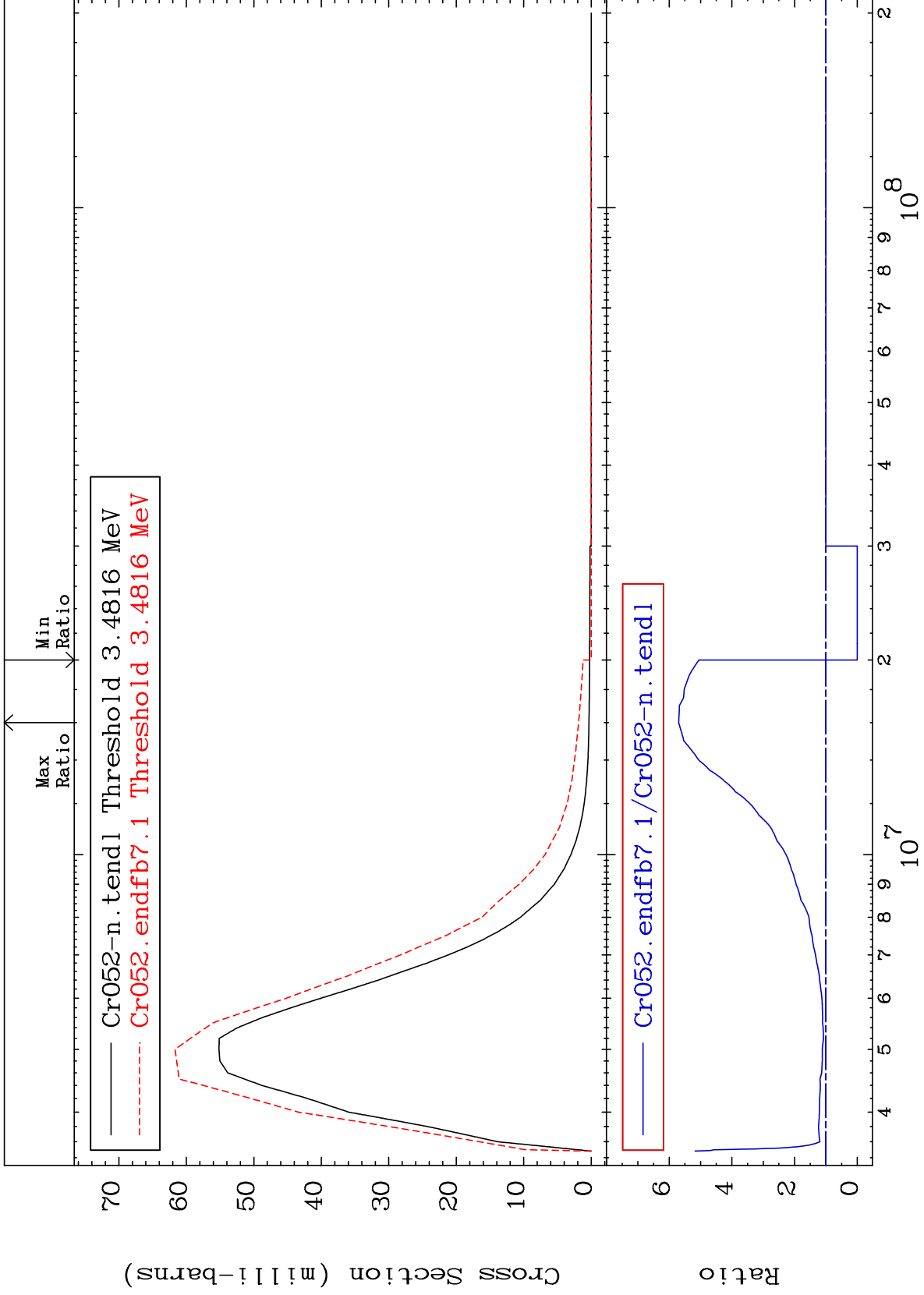
Incident Energy (eV)

24-Cr-52

MAT 2431

3.415 MeV (n,n') Level
Cross Section

24-Cr-52
-100.0 To 470.0 %



15

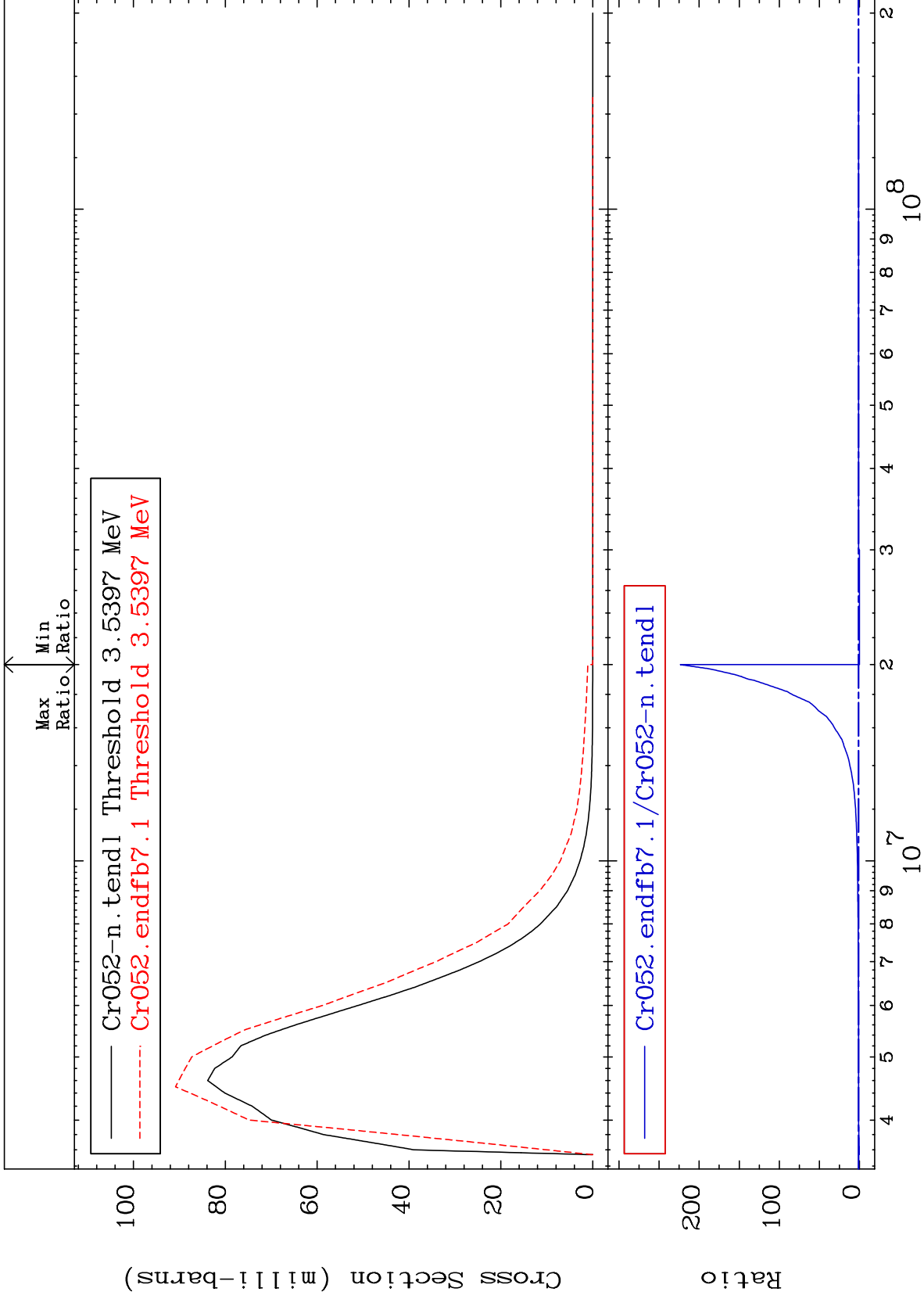
24-Cr-52

24-Cr-52

MAT 2431

3.472 MeV (n,n') Level
Cross Section

24-Cr-52
-100.0 To 9999. %

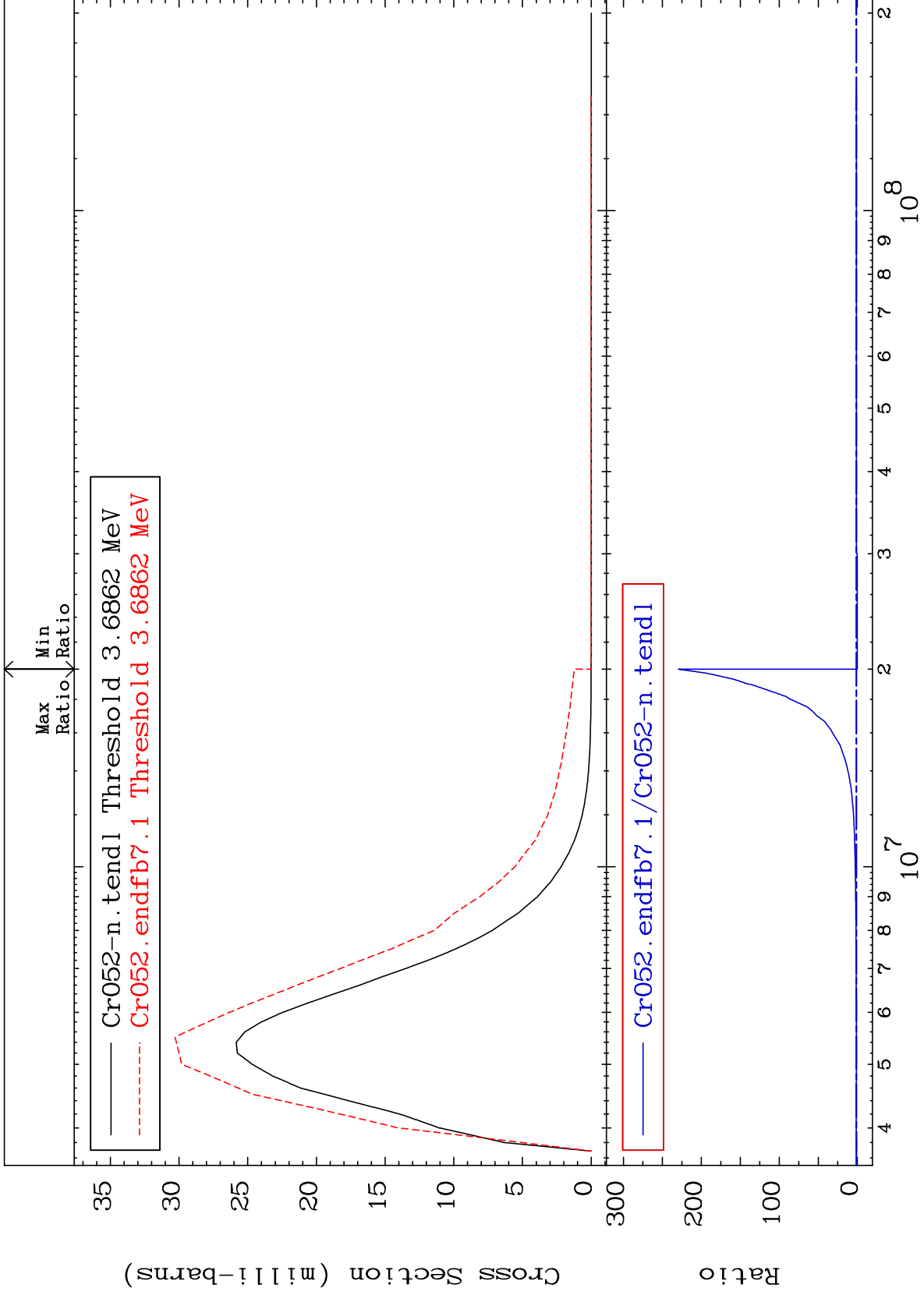


16

MAT 2431

3.616 MeV (n,n') Level
Cross Section

24-Cr-52
-100.0 To 9999. %



17

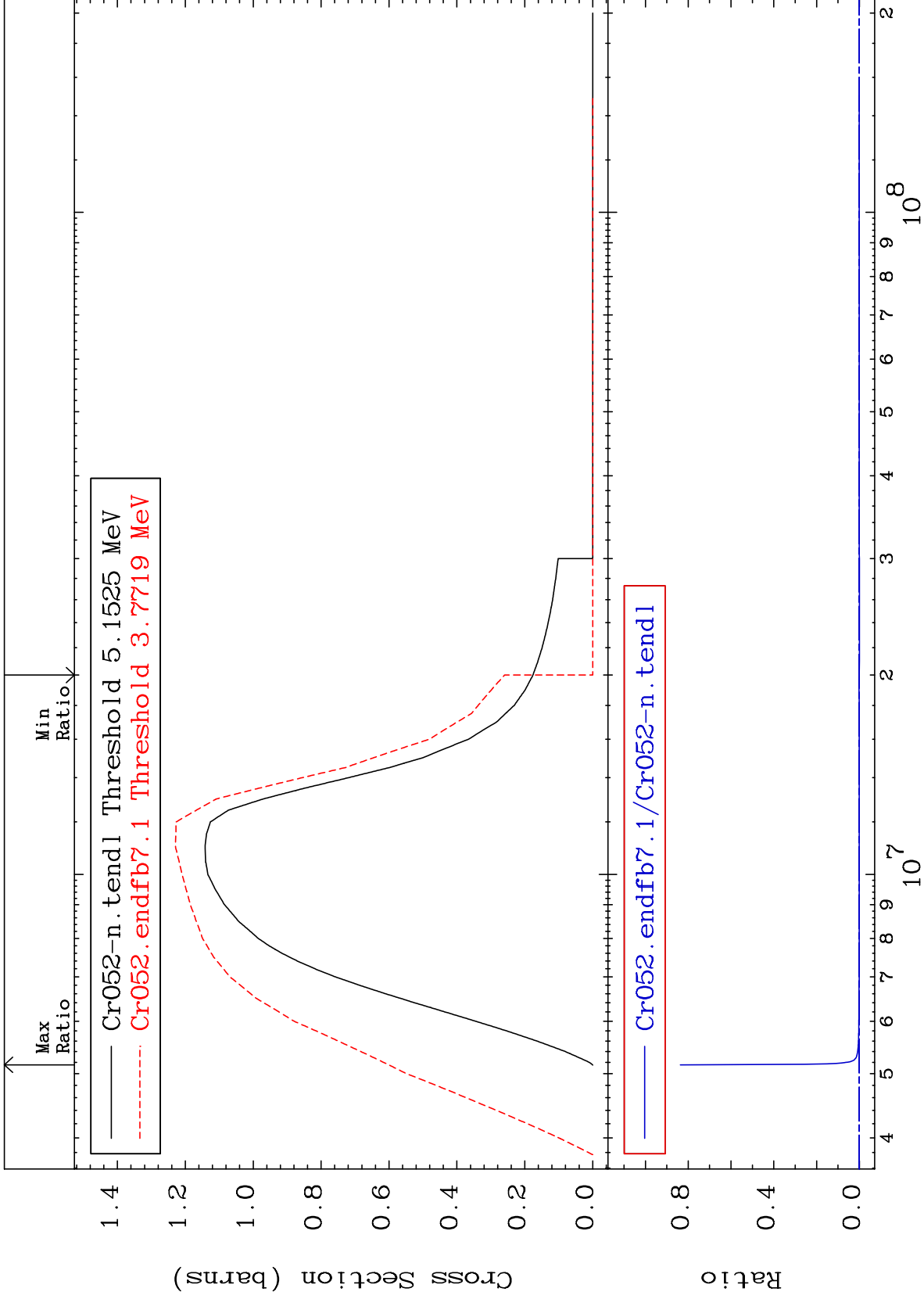
Incident Energy (eV)

24-Cr-52

MAT 2431

(n, n') Continuum
Cross Section

24-Cr-52
-100.0 To 9999. %



18

Incident Energy (eV)

24-Cr-52

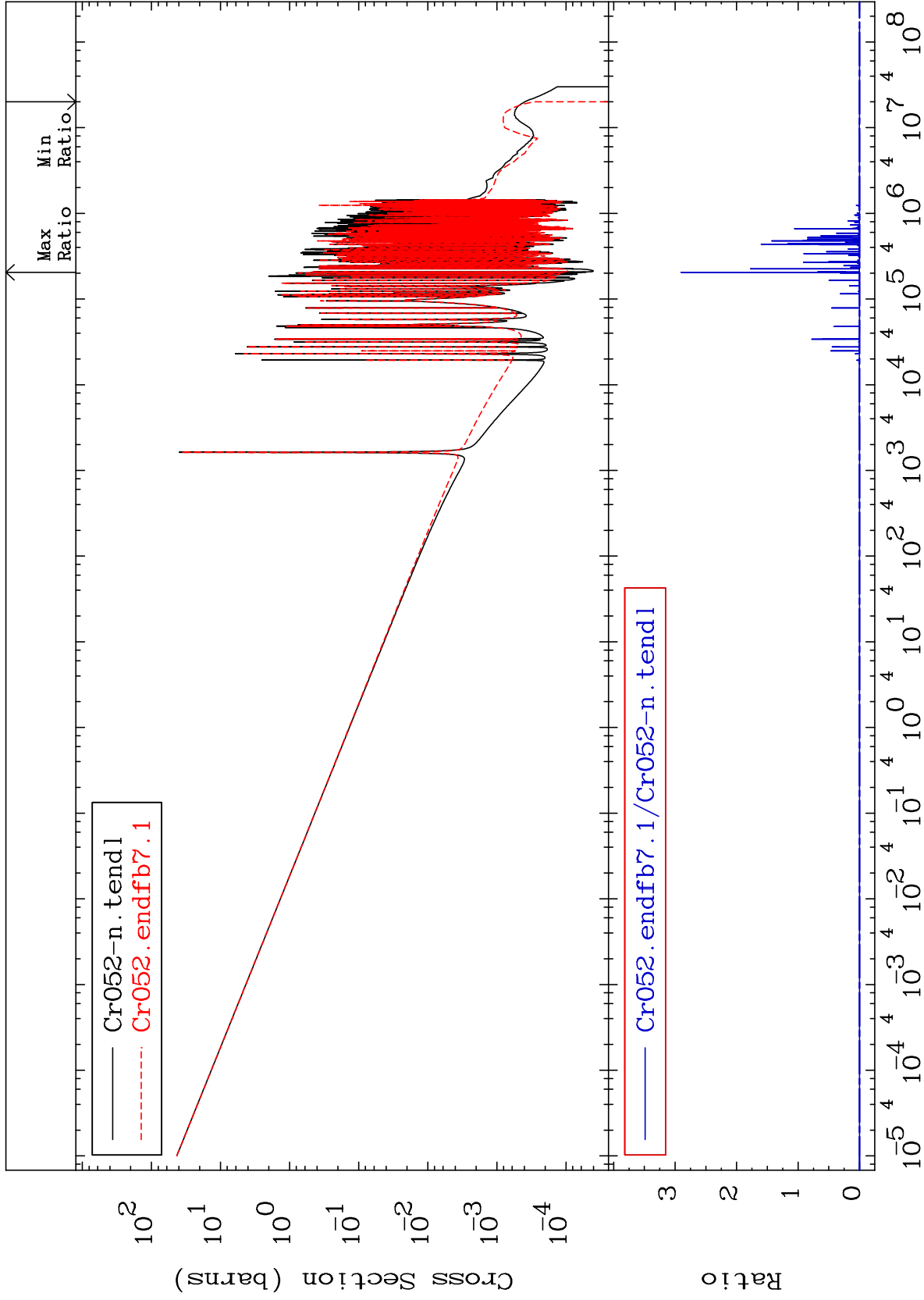
MAT 2431

(n, γ)

24-Cr-52

Cross Section

-100.0 To 9999. %



19

Incident Energy (eV)

24-Cr-52

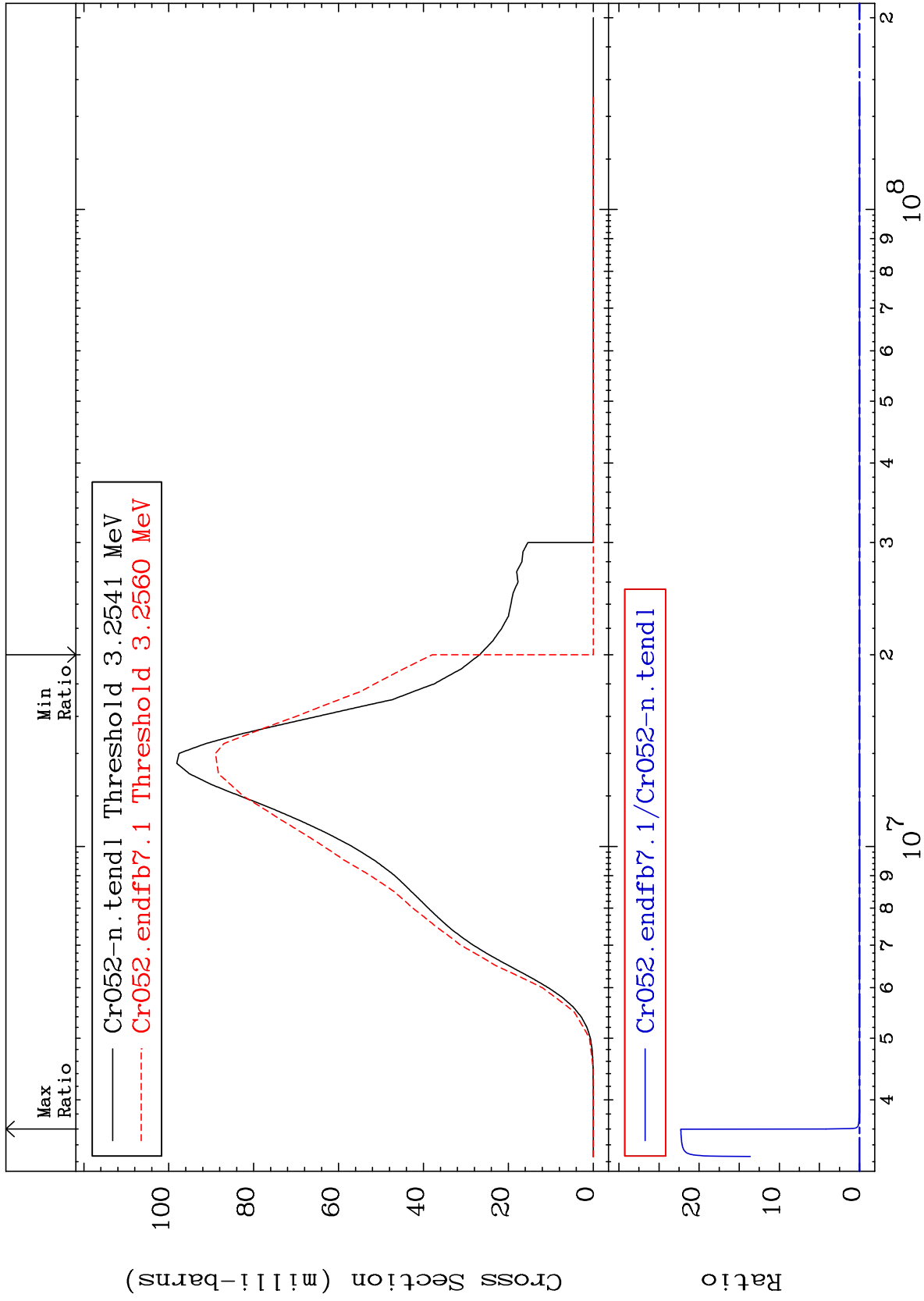
MAT 2431

(n,p)

²⁴Cr-52

Cross Section

-100.0 To 9999. %



20

Incident Energy (eV)

²⁴Cr-52

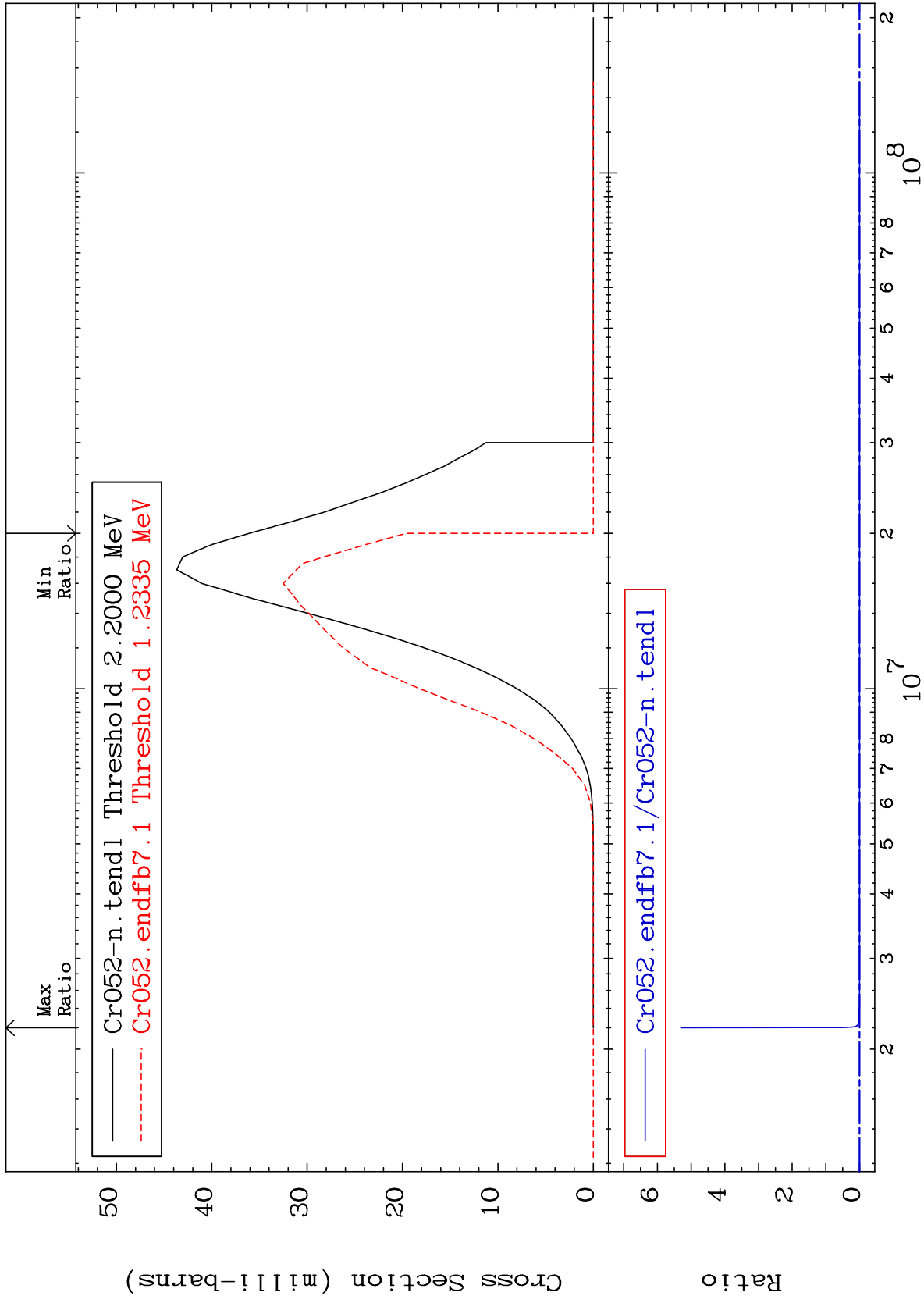
MAT 2431

(n, α)

²⁴Cr-52

Cross Section

-100.0 To 9999. %



21

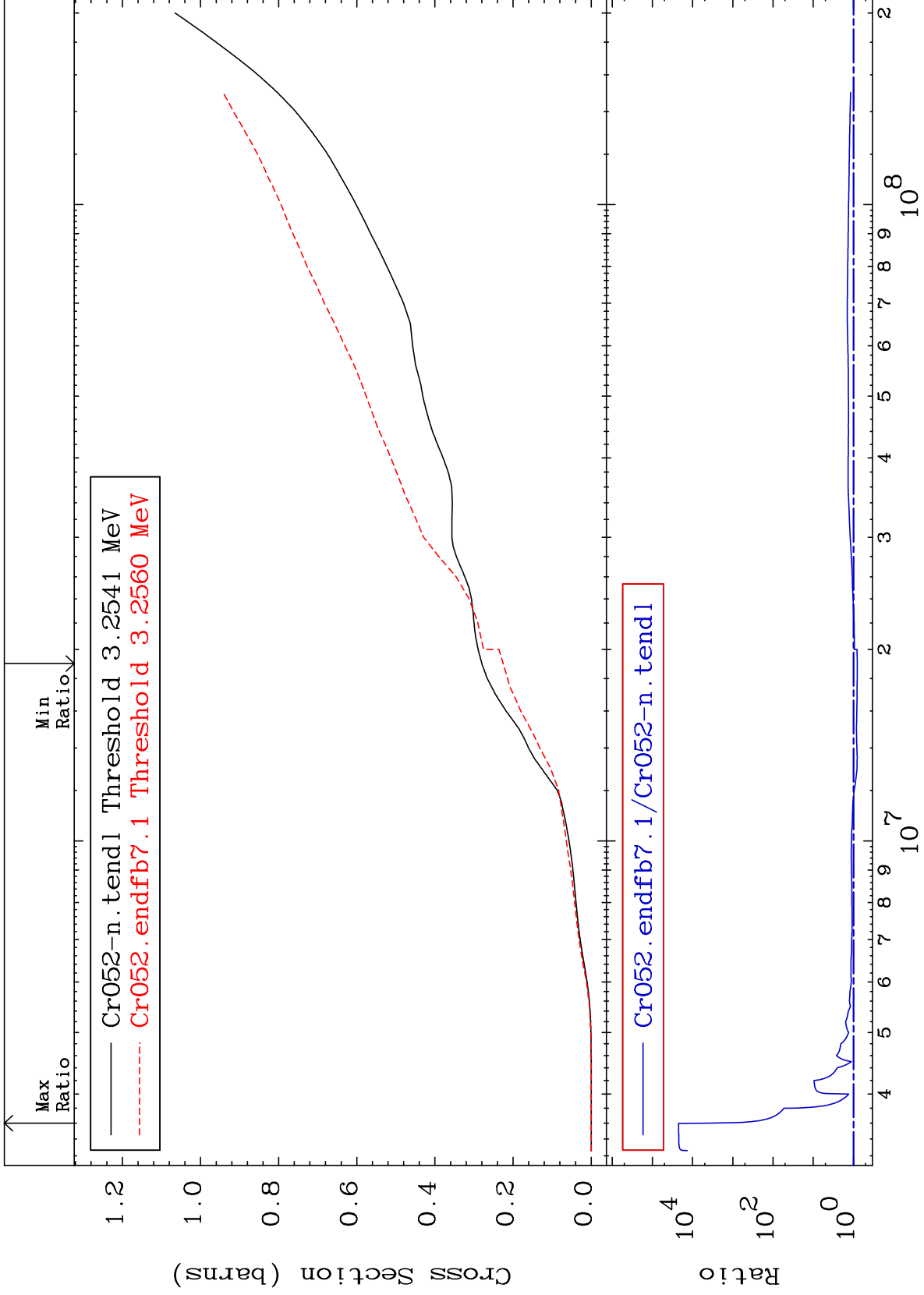
Incident Energy (eV)

²⁴Cr-52

MAT 2431

Hydrogen Production
Cross Section

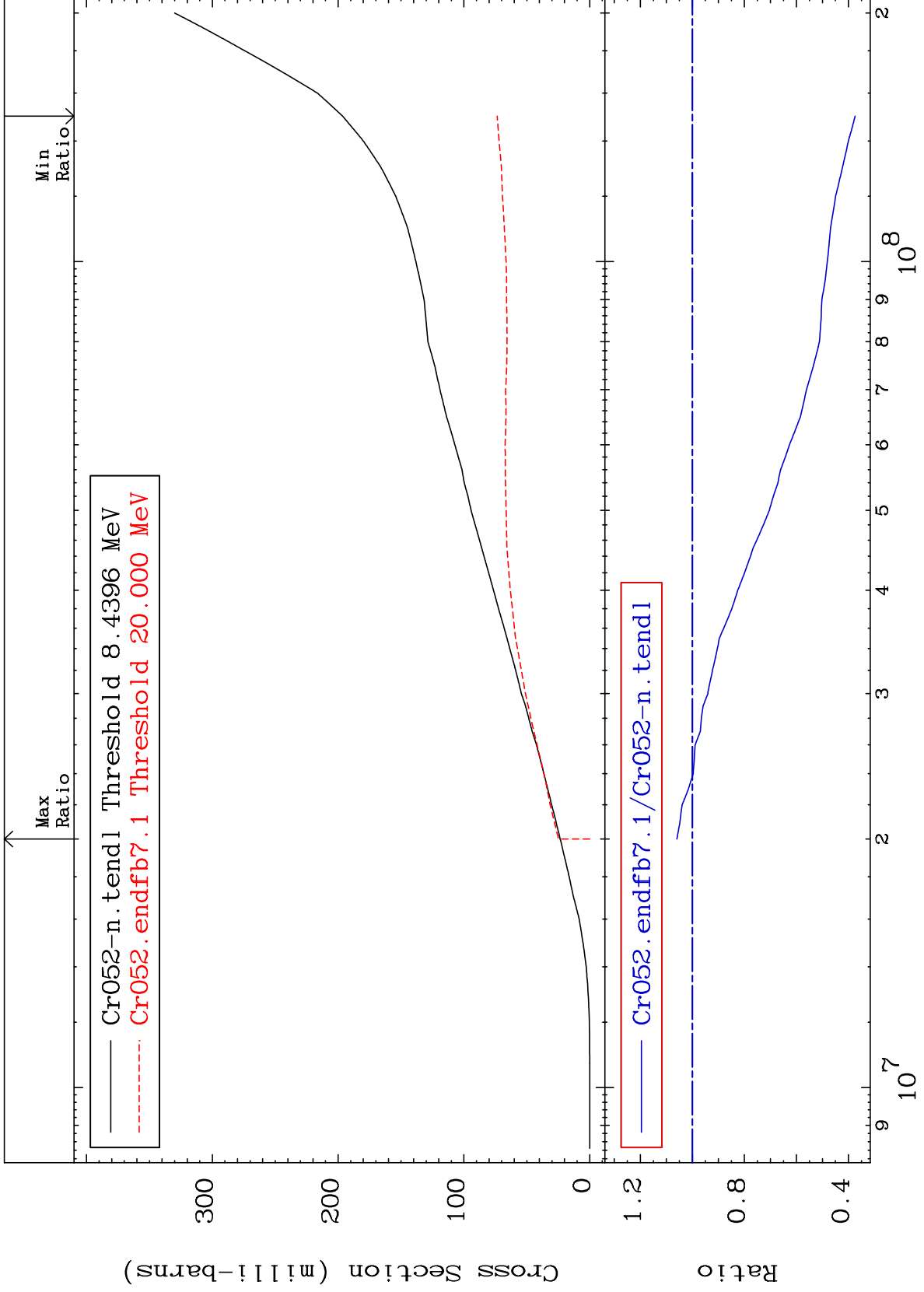
²⁴Cr-52
-19.56 To 9999. %



MAT 2431

Deuterium Production
Cross Section

$^{24}\text{Cr-52}$
-62.54 To 5.934 %



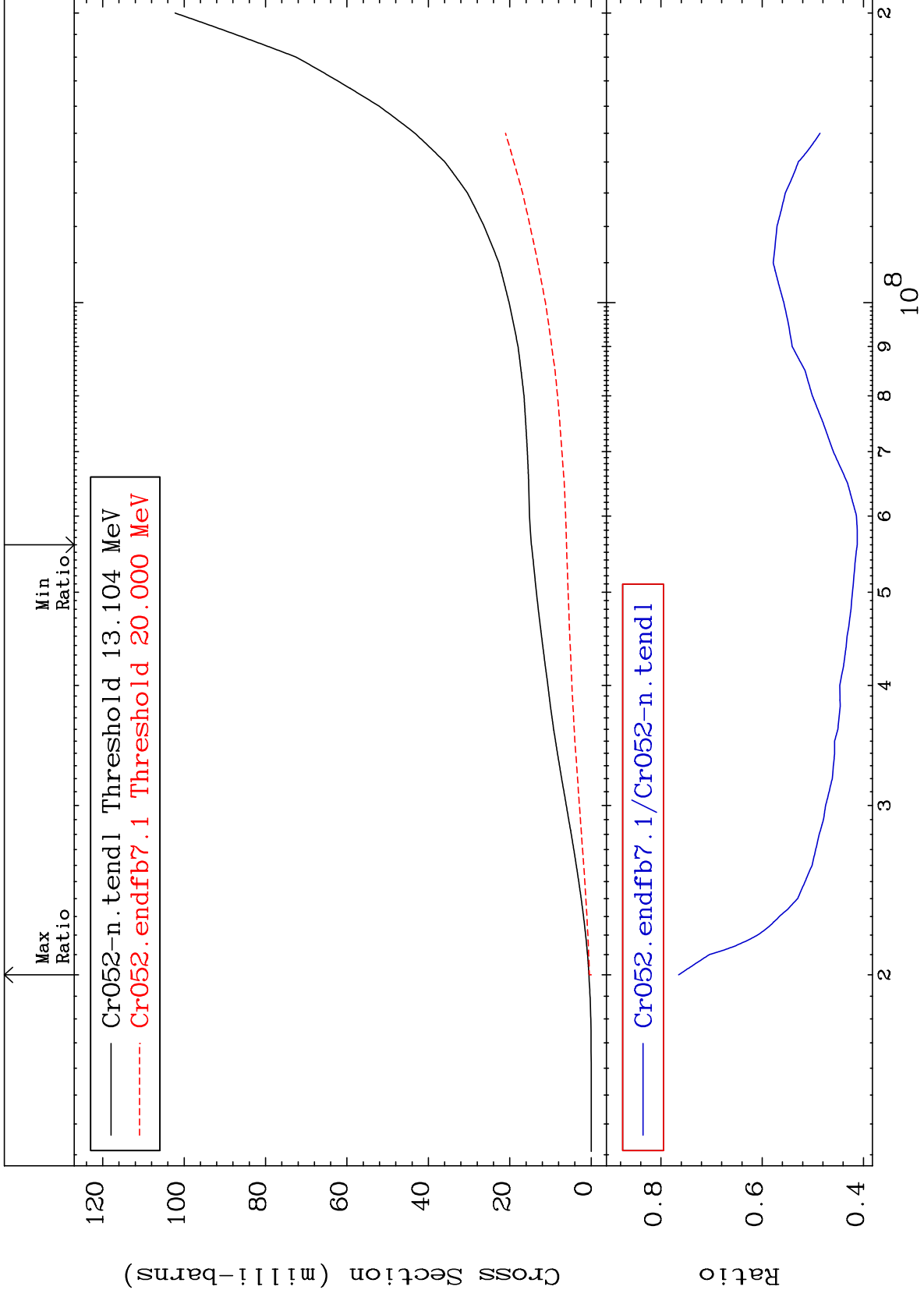
23

$^{24}\text{Cr-52}$

MAT 2431

Tritium Production
Cross Section

$^{24}\text{Cr-52}$
-58.77 To -23.49%



24

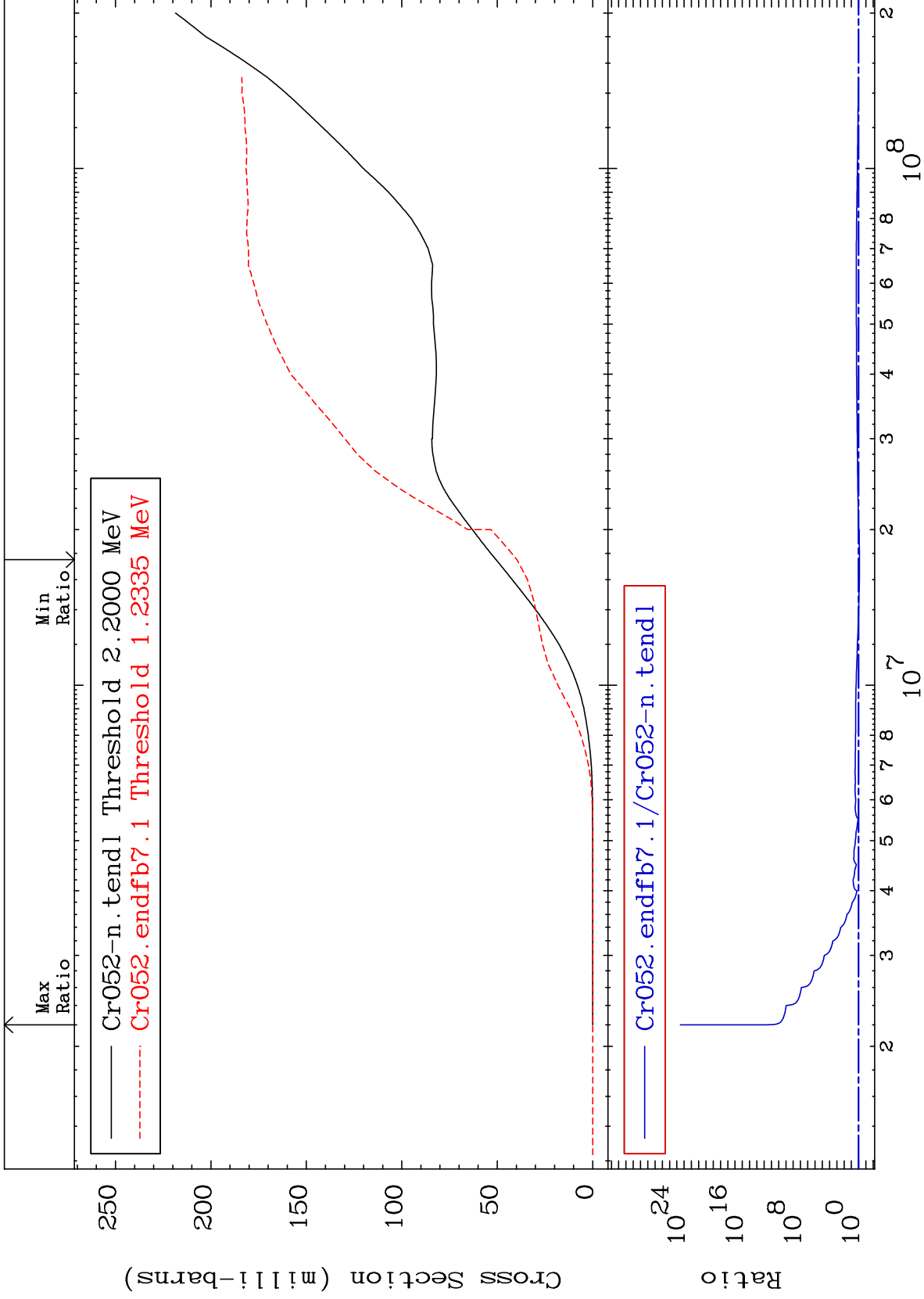
Incident Energy (eV)

$^{24}\text{Cr-52}$

MAT 2431

He-4 Production
Cross Section

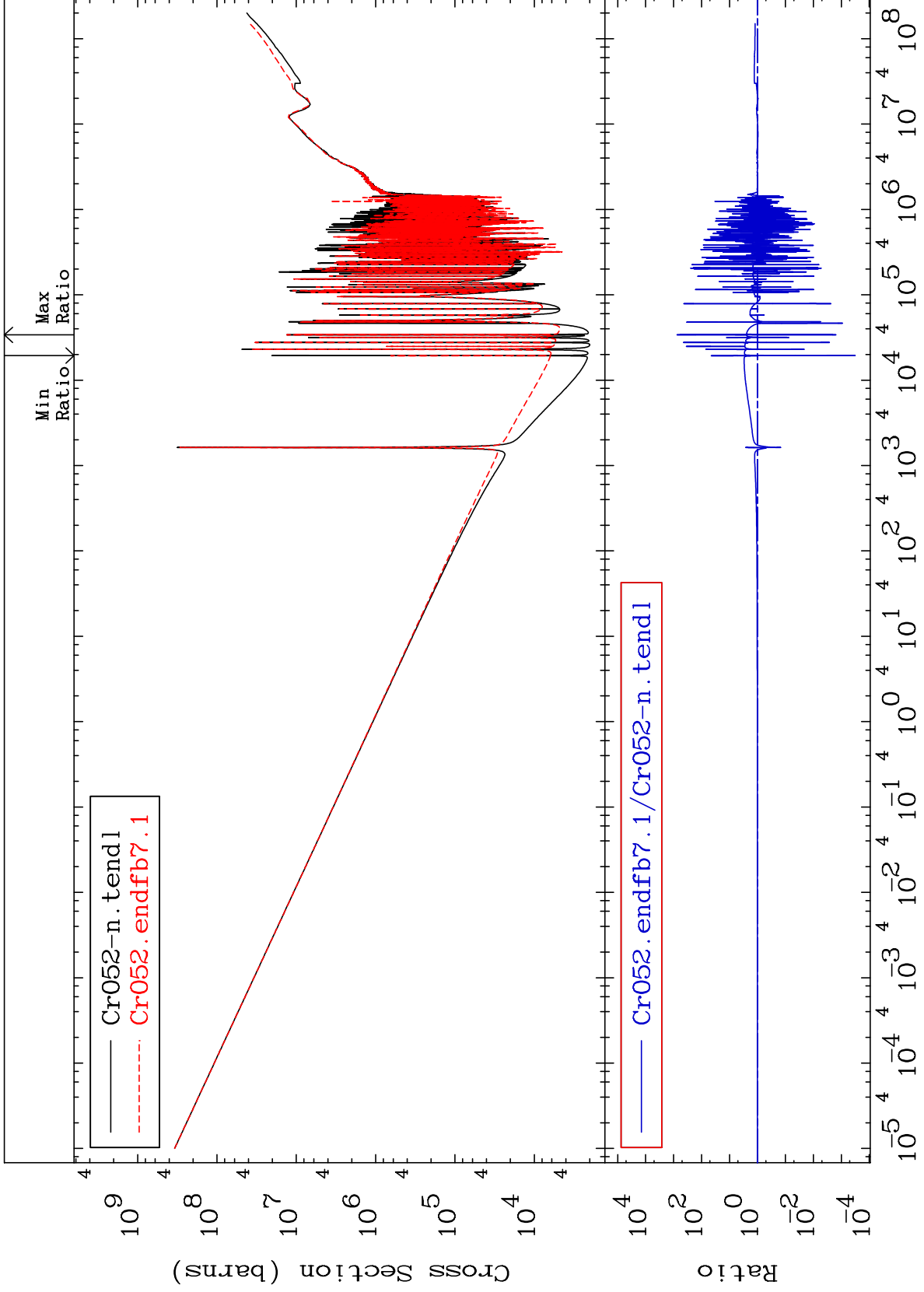
²⁴Cr-52
-21.64 To 9999. %



25

Incident Energy (eV)

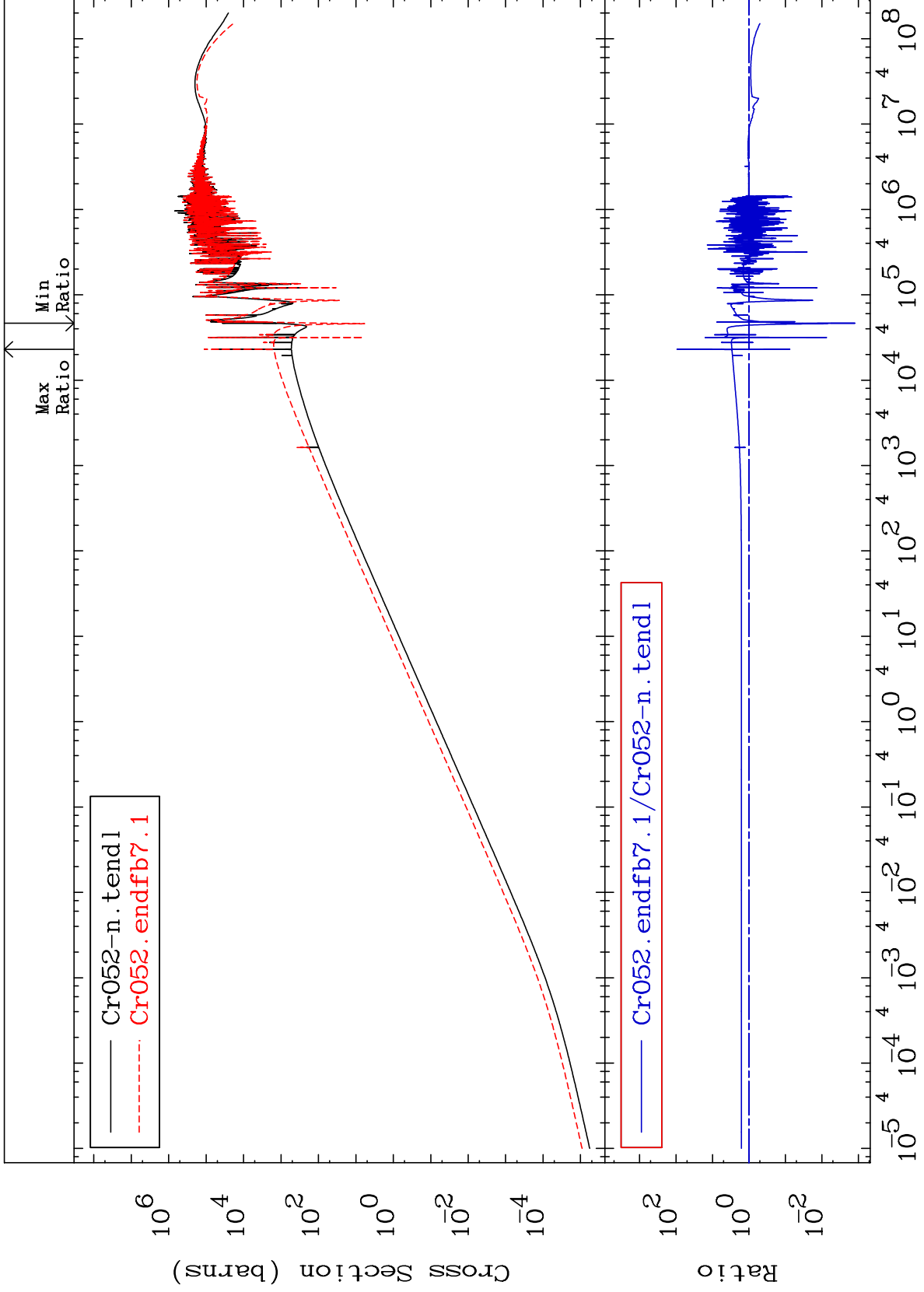
²⁴Cr-52



MAT 2431

Kerma elastic
Cross Section

24-Cr-52
-99.88 To 9352. %



27

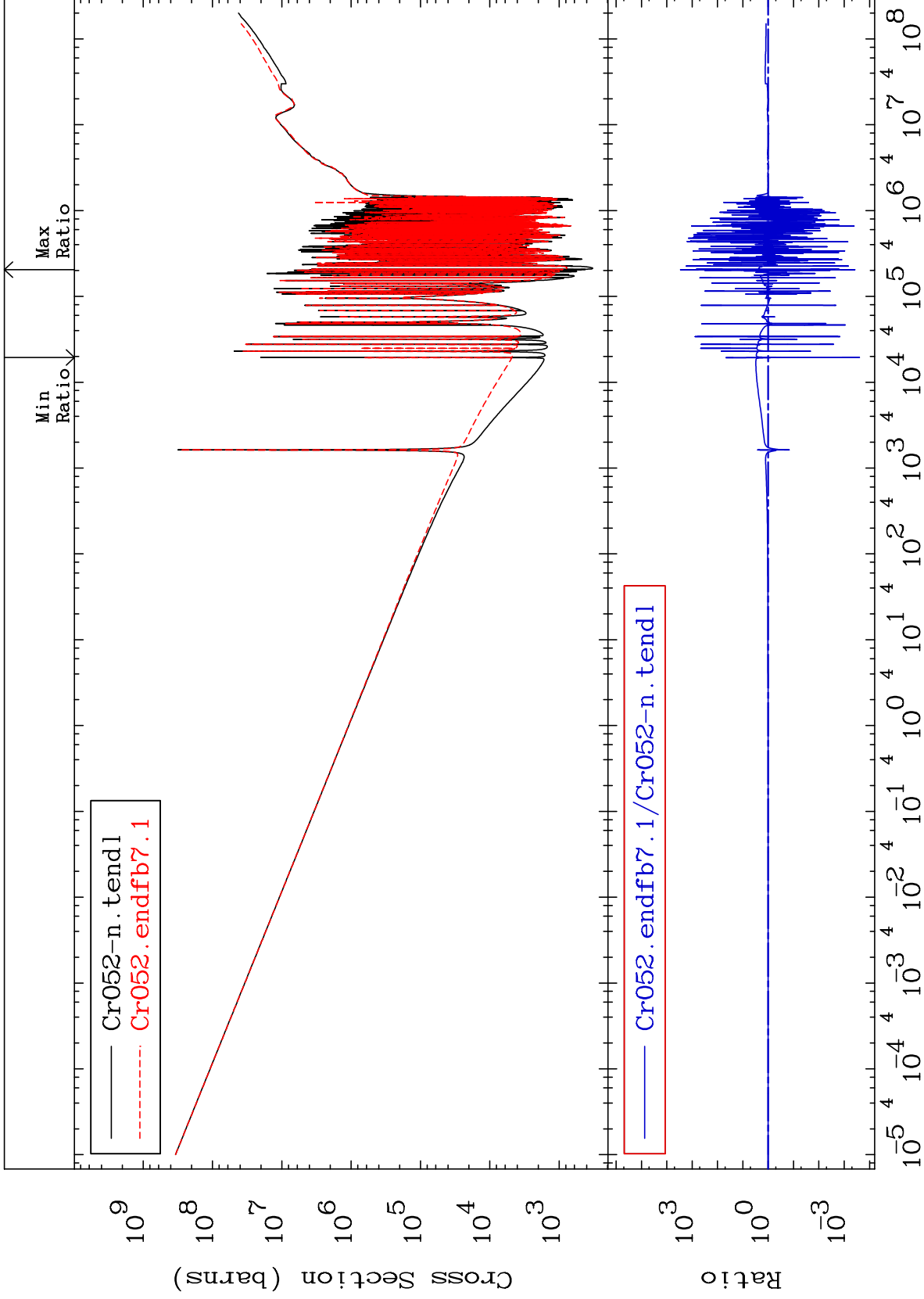
Incident Energy (eV)

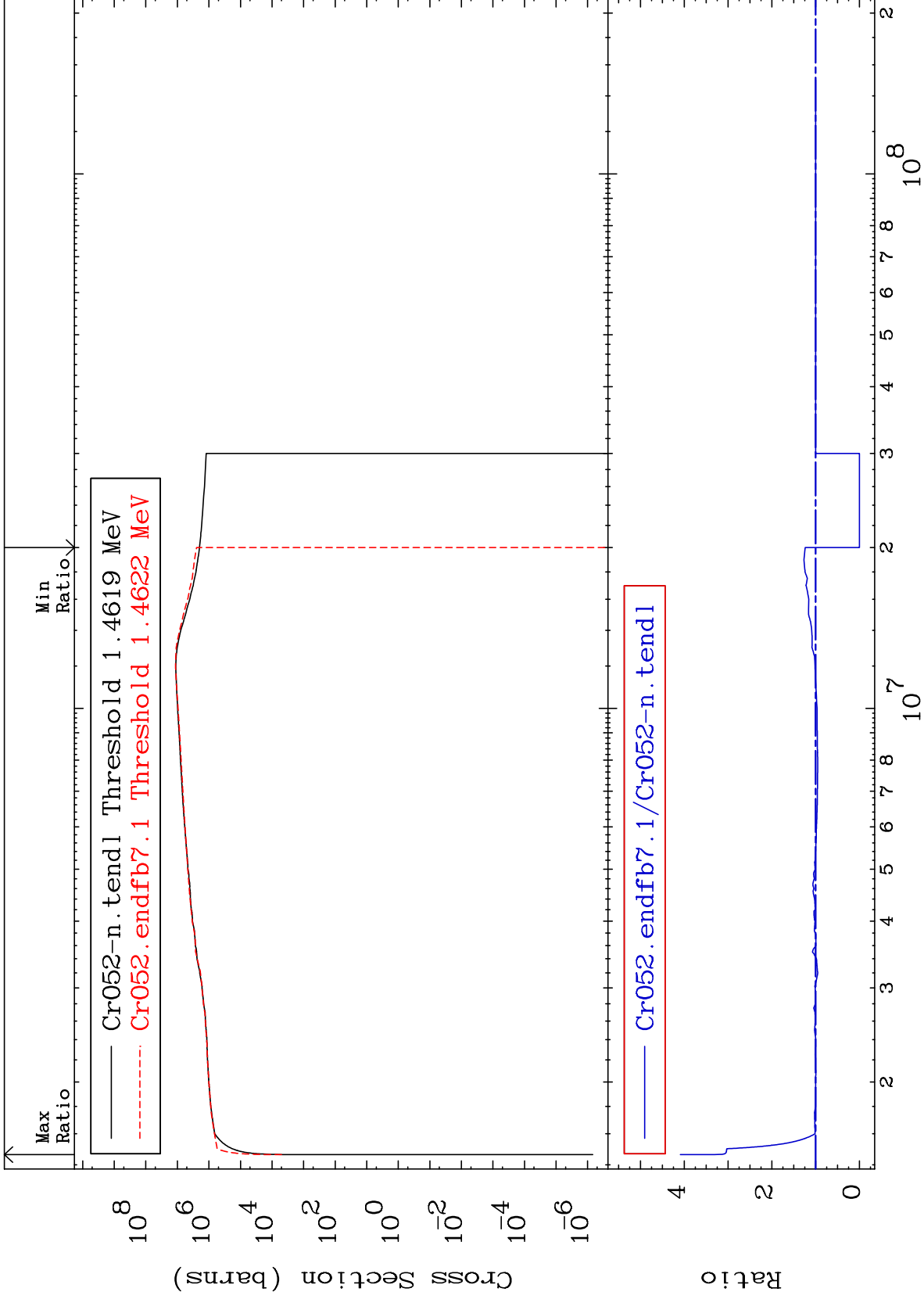
24-Cr-52

MAT 2431

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-52
-99.97 To 9999. %

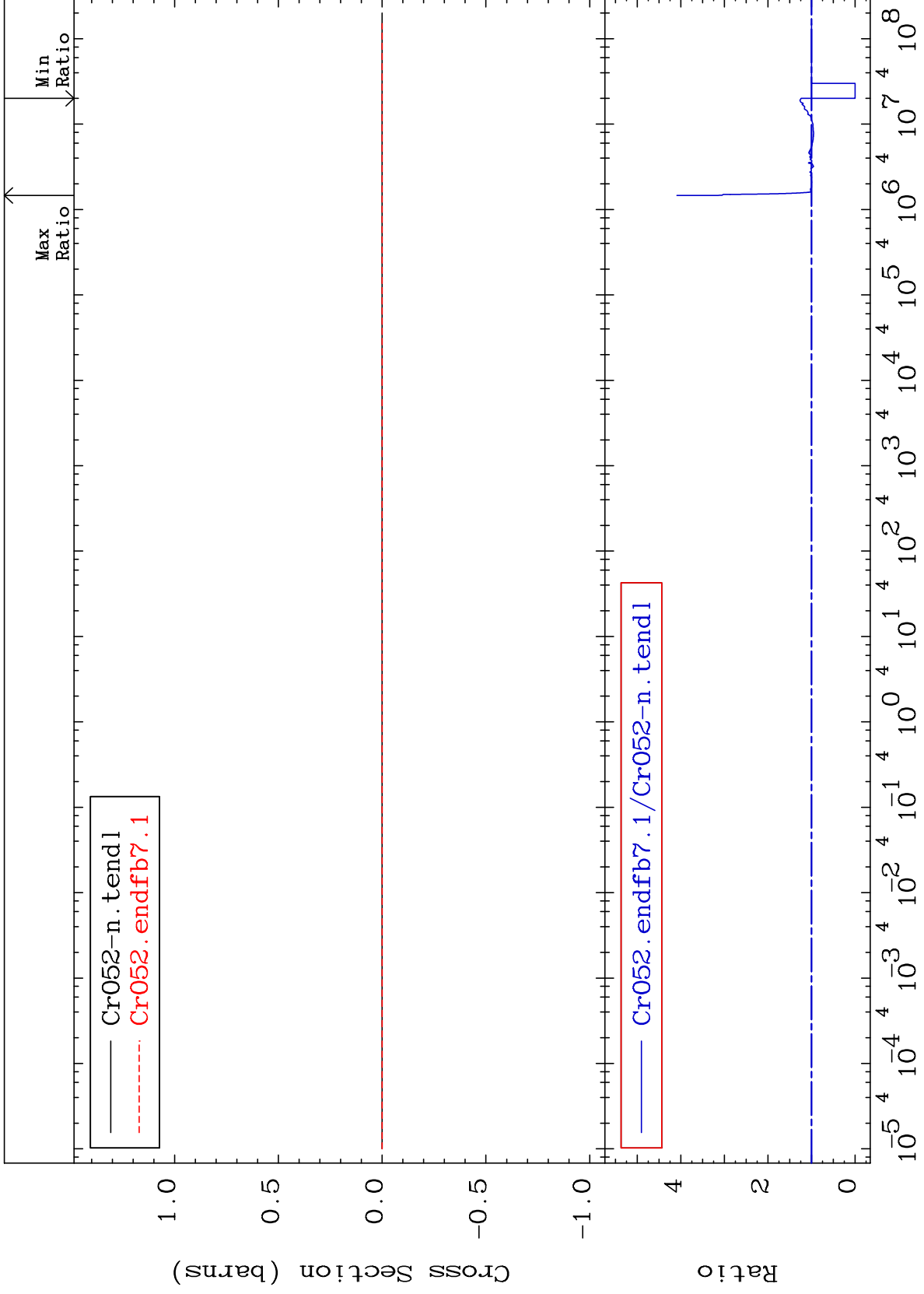




MAT 2431

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

24-Cr-52
-100.0 To 309.1 %



Incident Energy (eV)

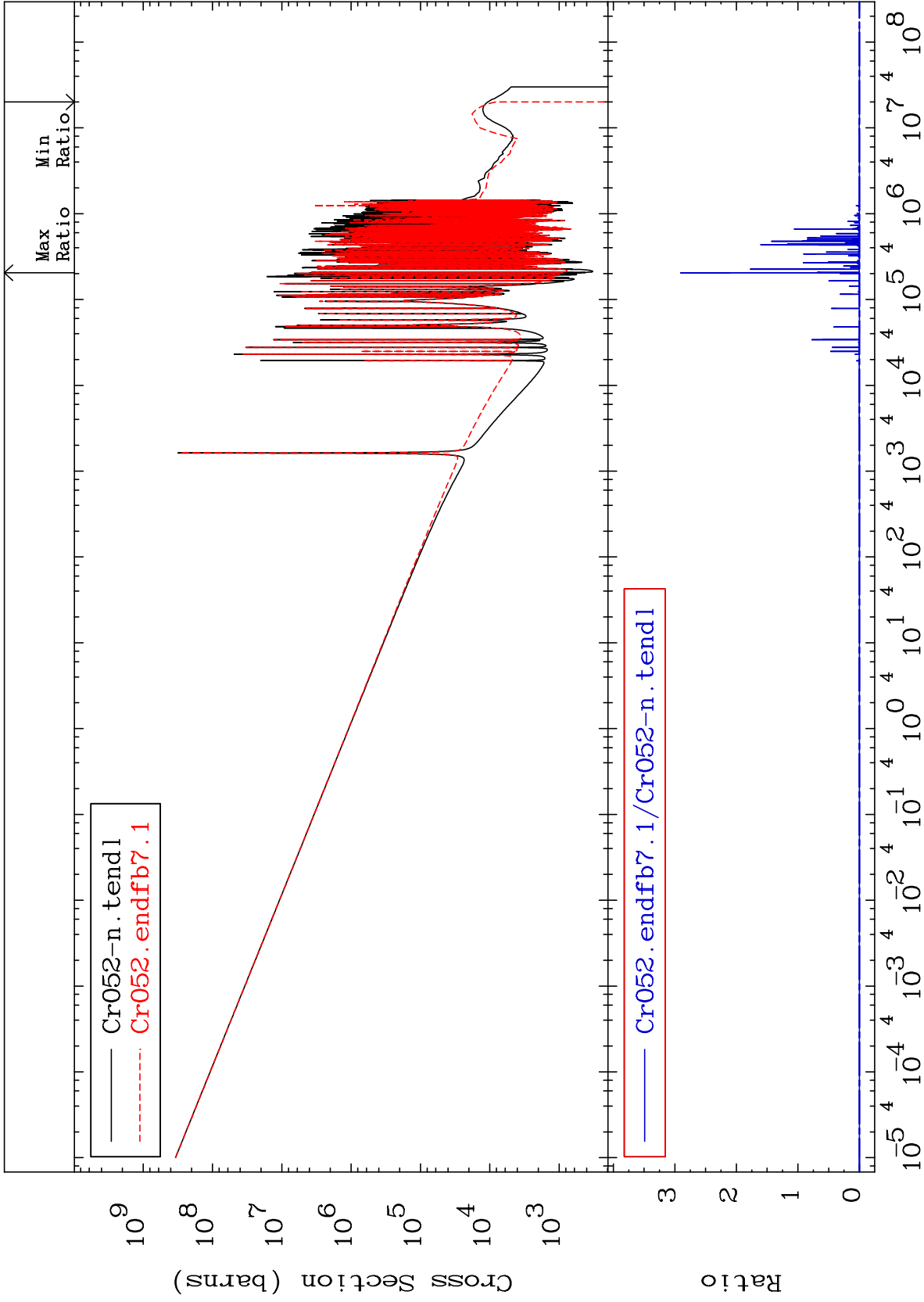
24-Cr-52

30

MAT 2431

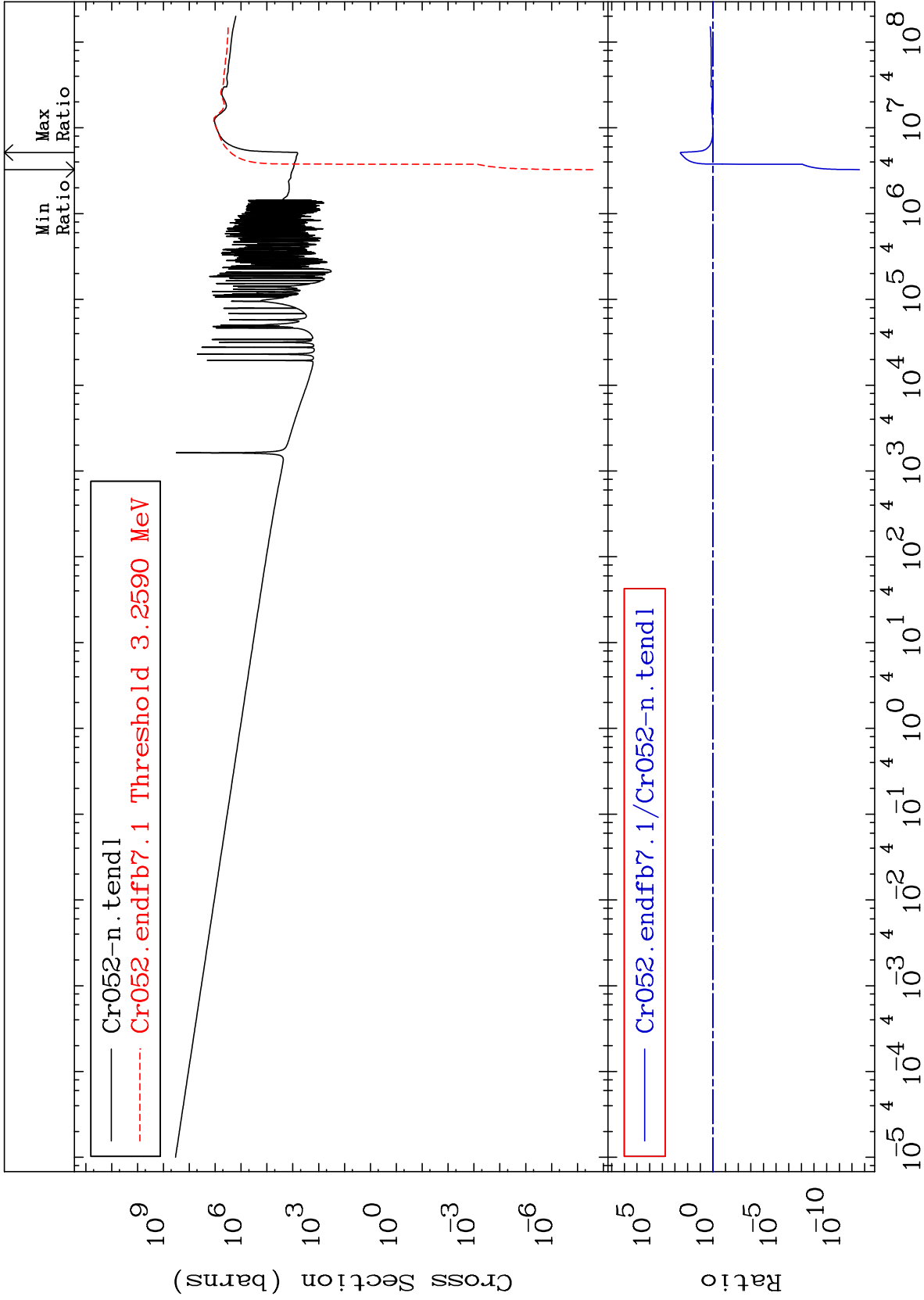
Kerma capture (mt102)
Cross Section

24-Cr-52
-100.0 To 9999. %



31

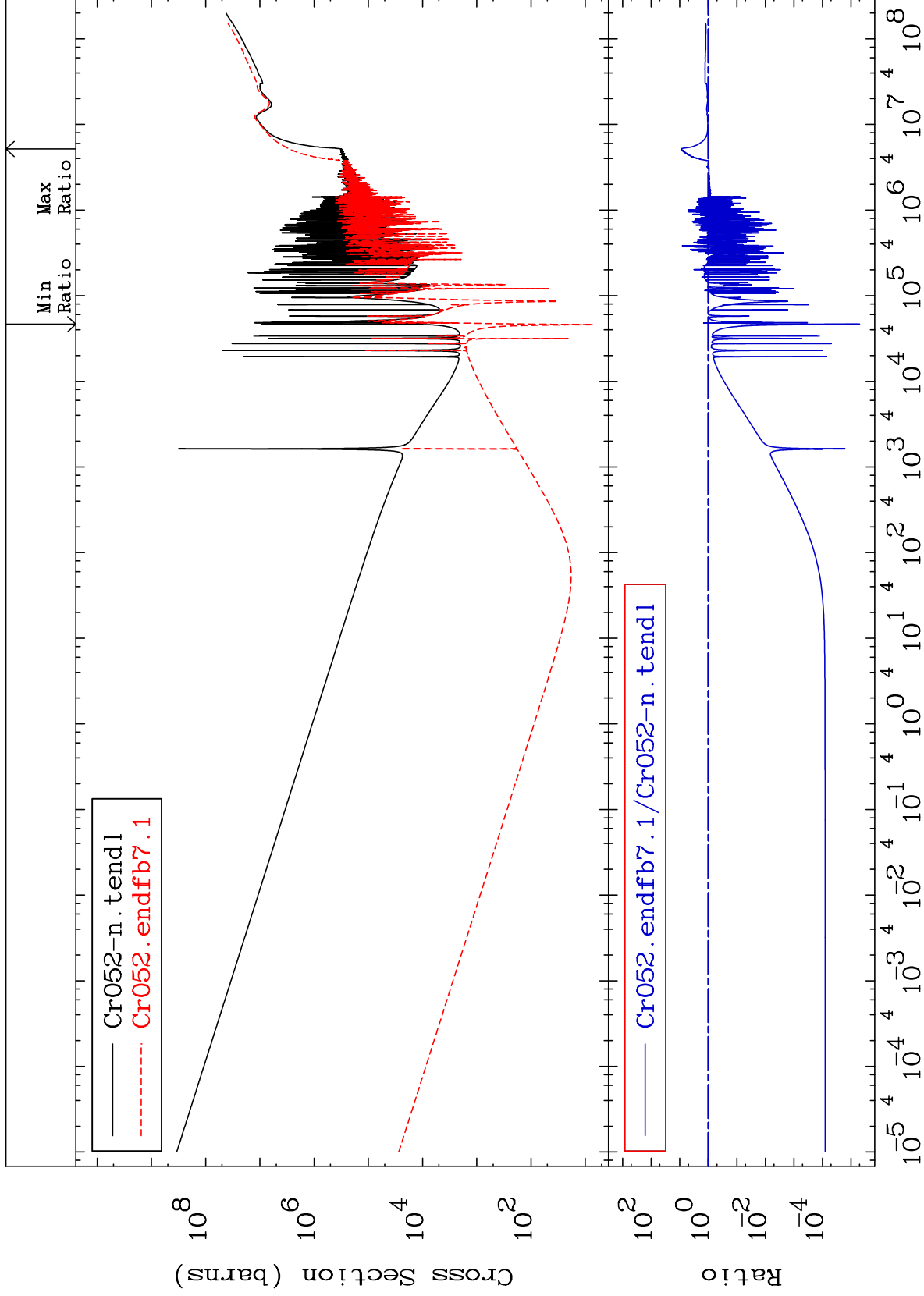
24-Cr-52



MAT 2431

Total kinematic kerma (high limit)
Cross Section

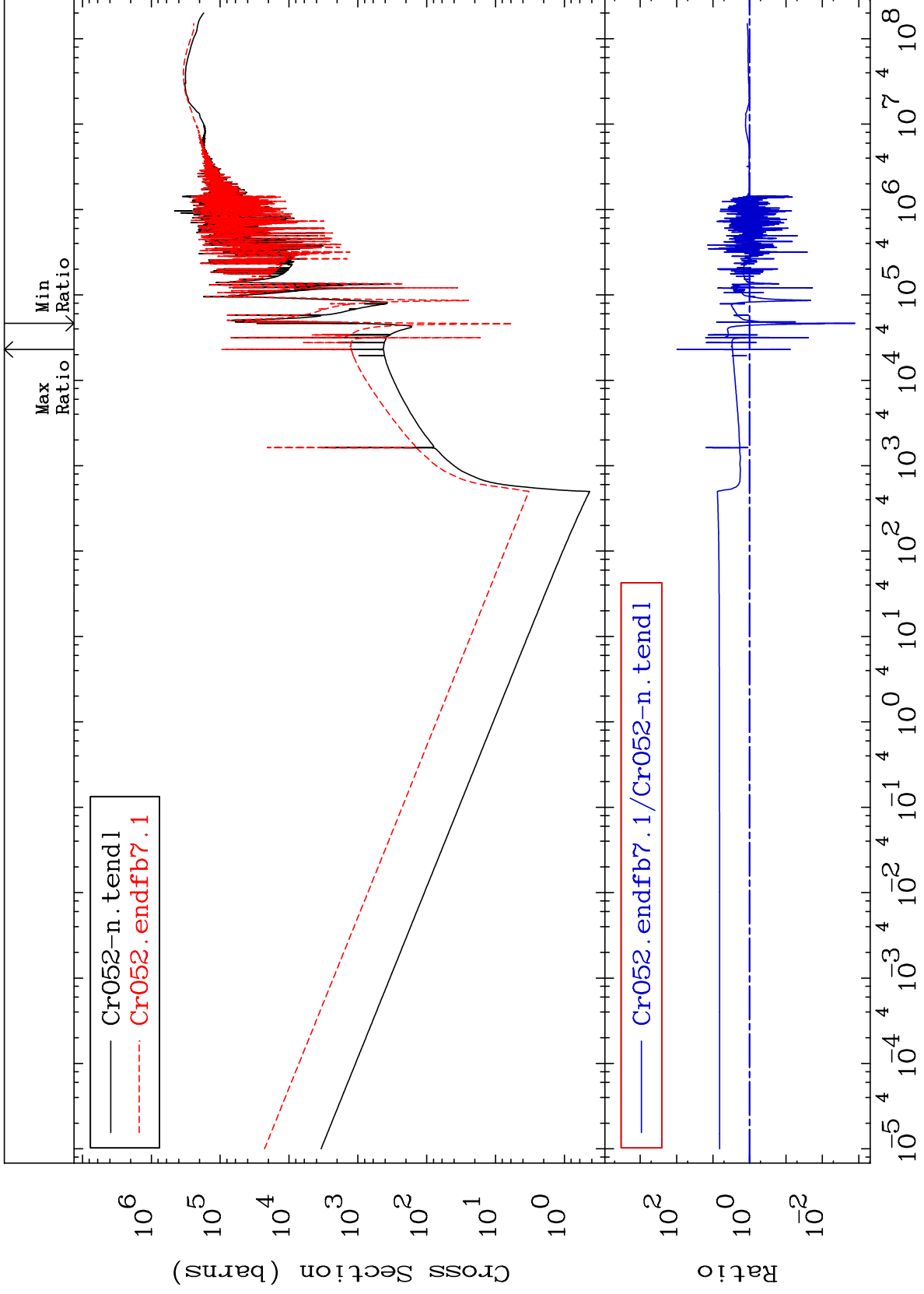
24-Cr-52
-100.0 To 820.3 %



MAT 2431

Dpa total (eV-barns)
Cross Section

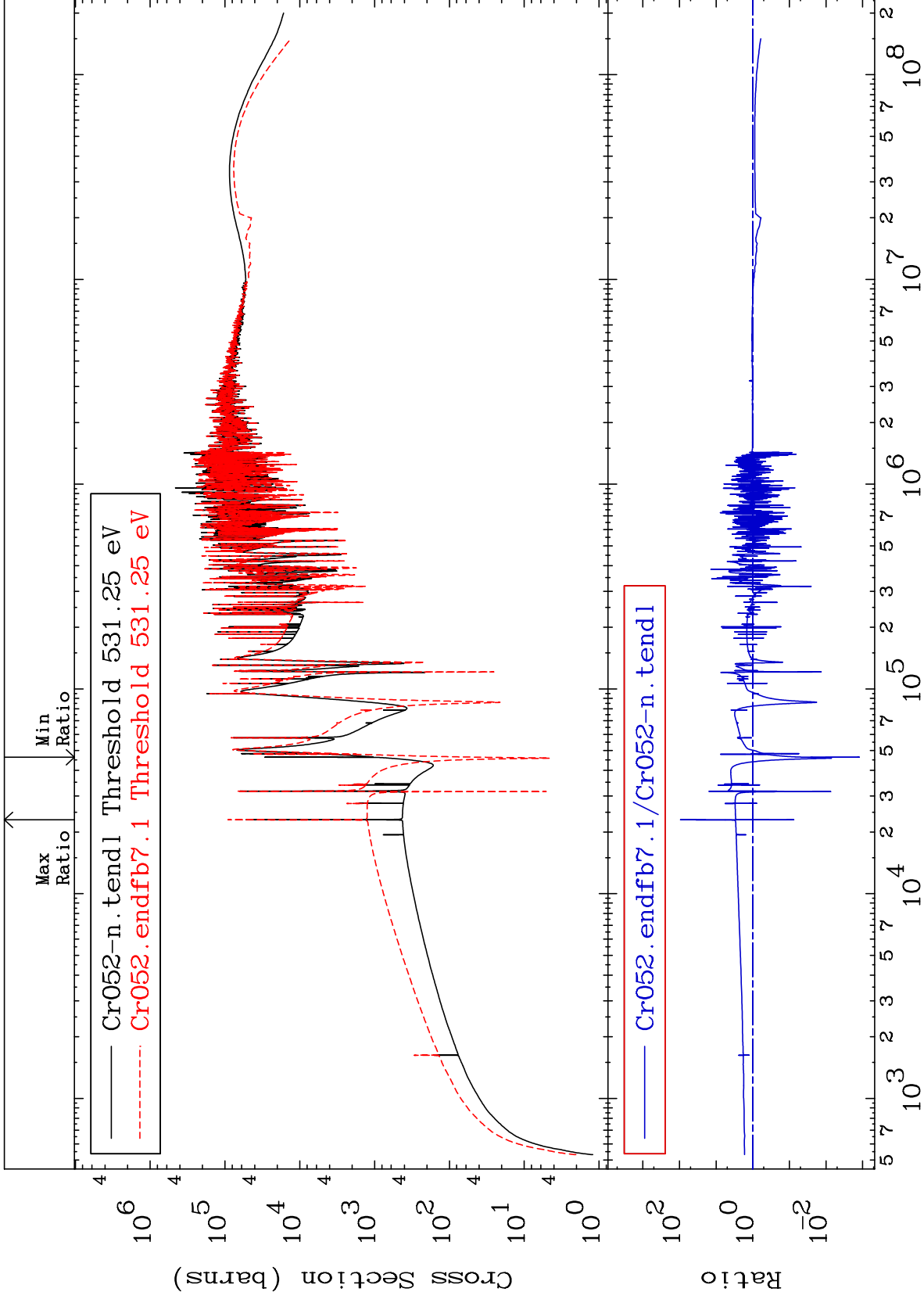
24-Cr-52
-99.87 To 9714. %

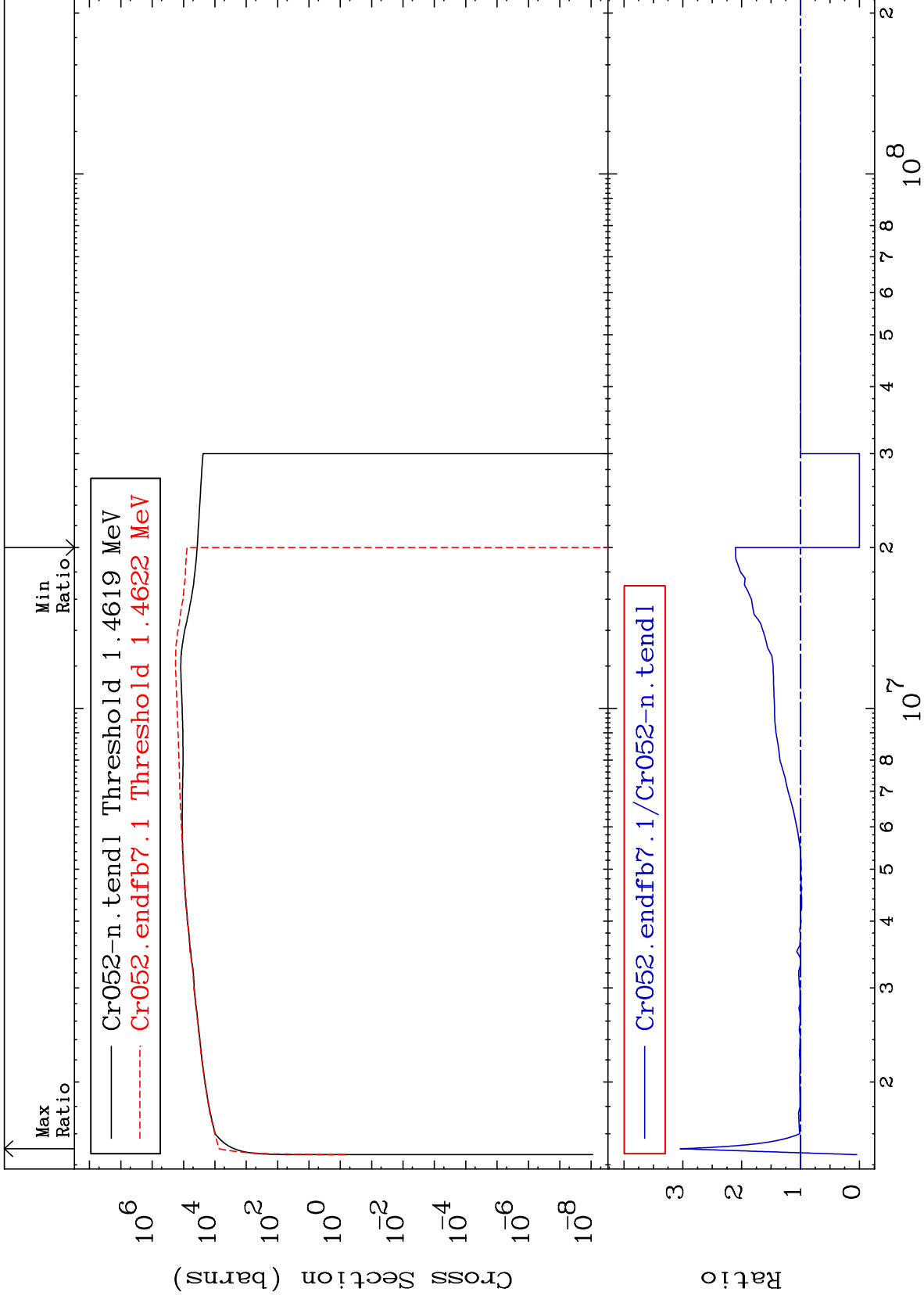


34

Incident Energy (eV)

24-Cr-52

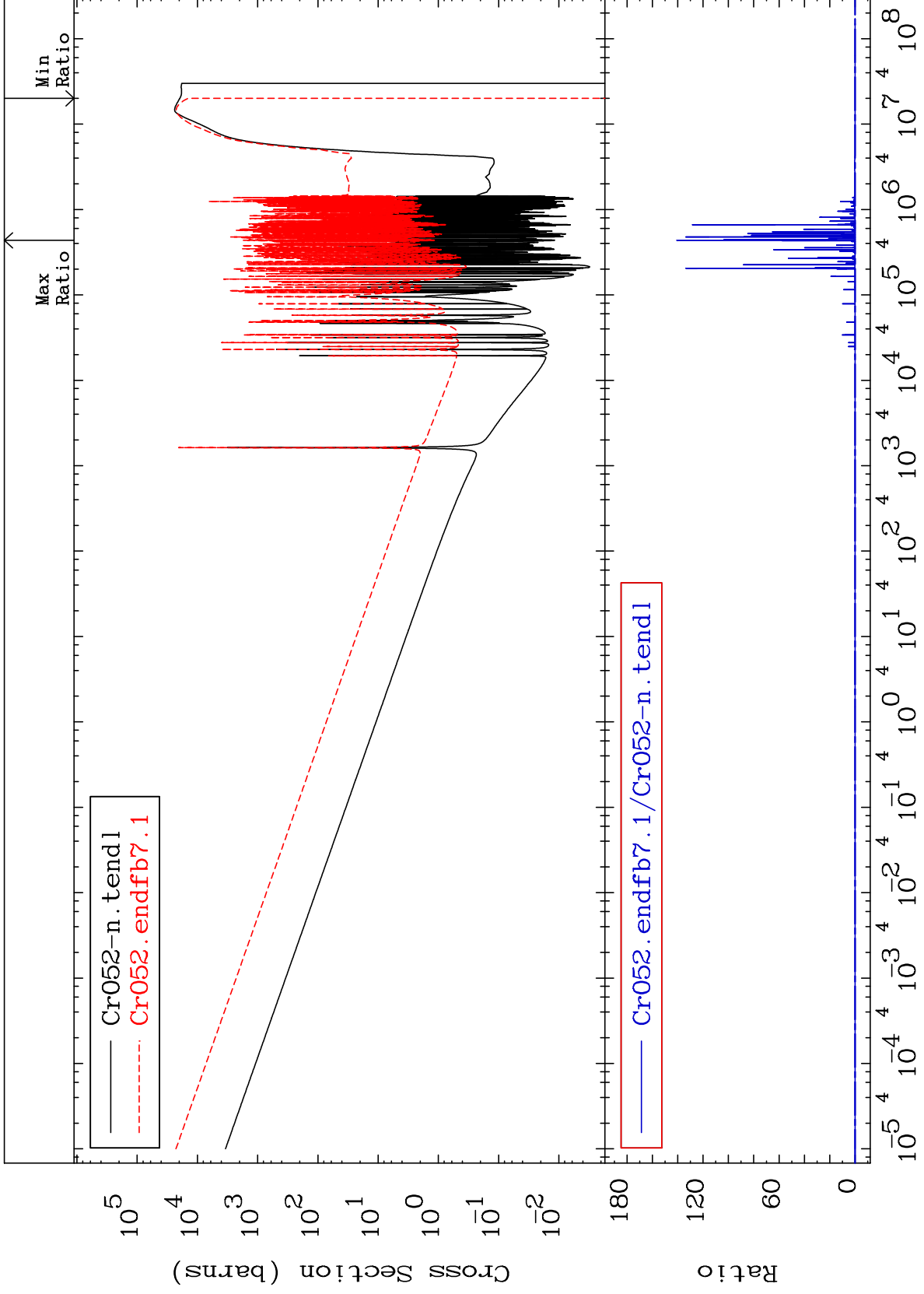




MAT 2431

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-52
-100.0 To 9999. %



37

Incident Energy (eV)

24-Cr-52