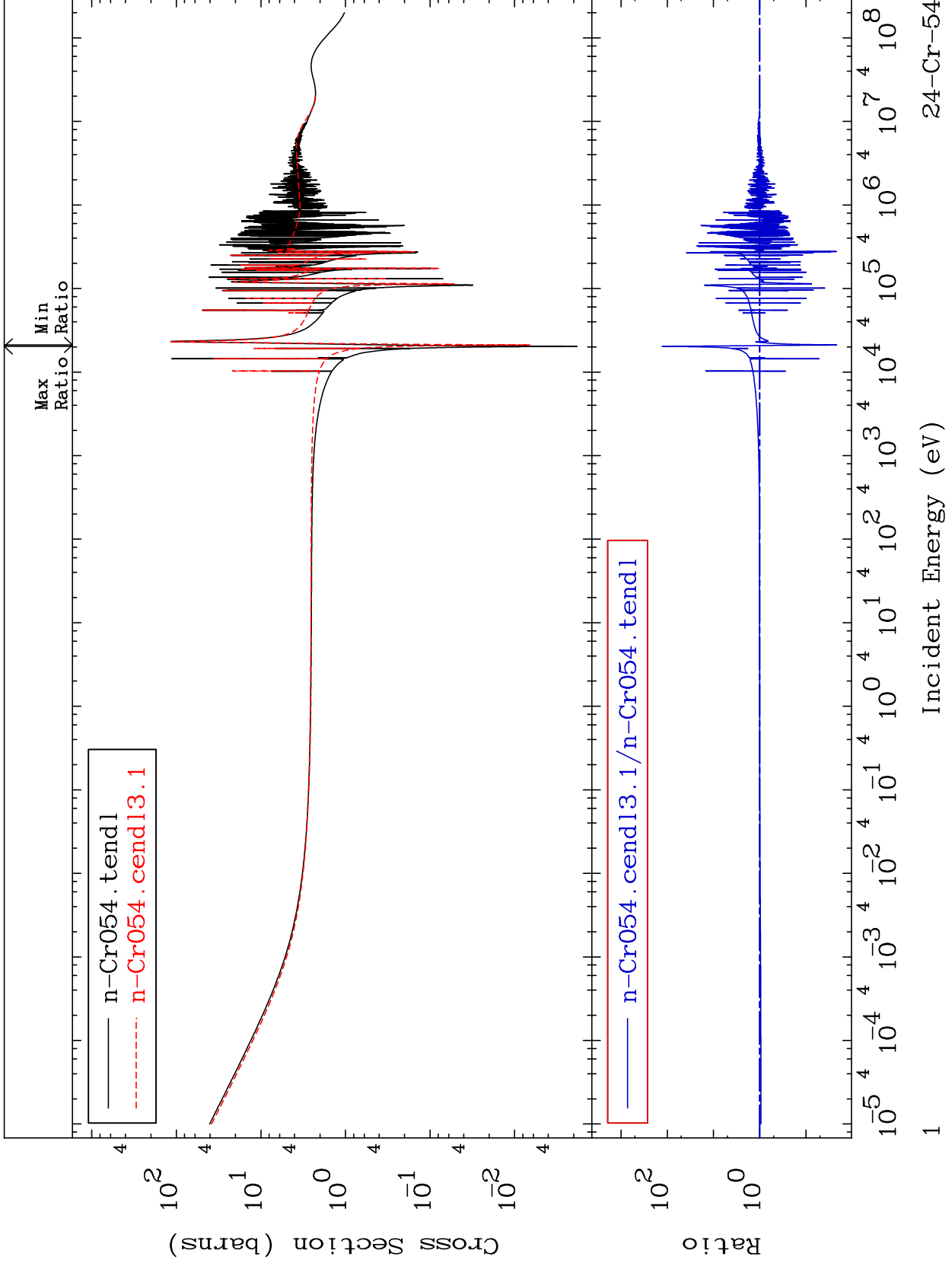


MAT 2437

Total
Cross Section

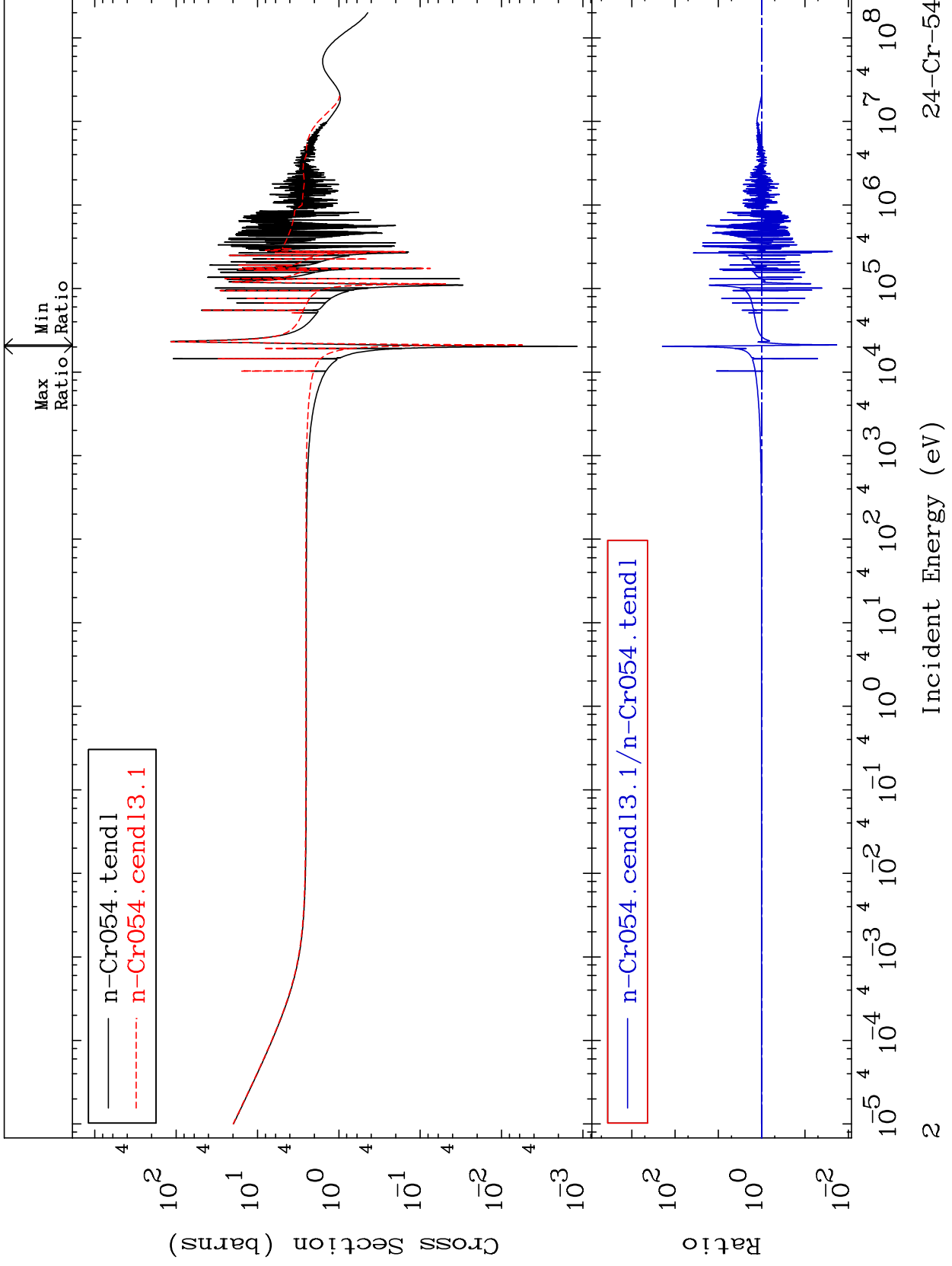
24-Cr-54
-97.82 To 9999. %



MAT 2437

Elastic
Cross Section

24-Cr-54
-98.14 To 9999. %



2

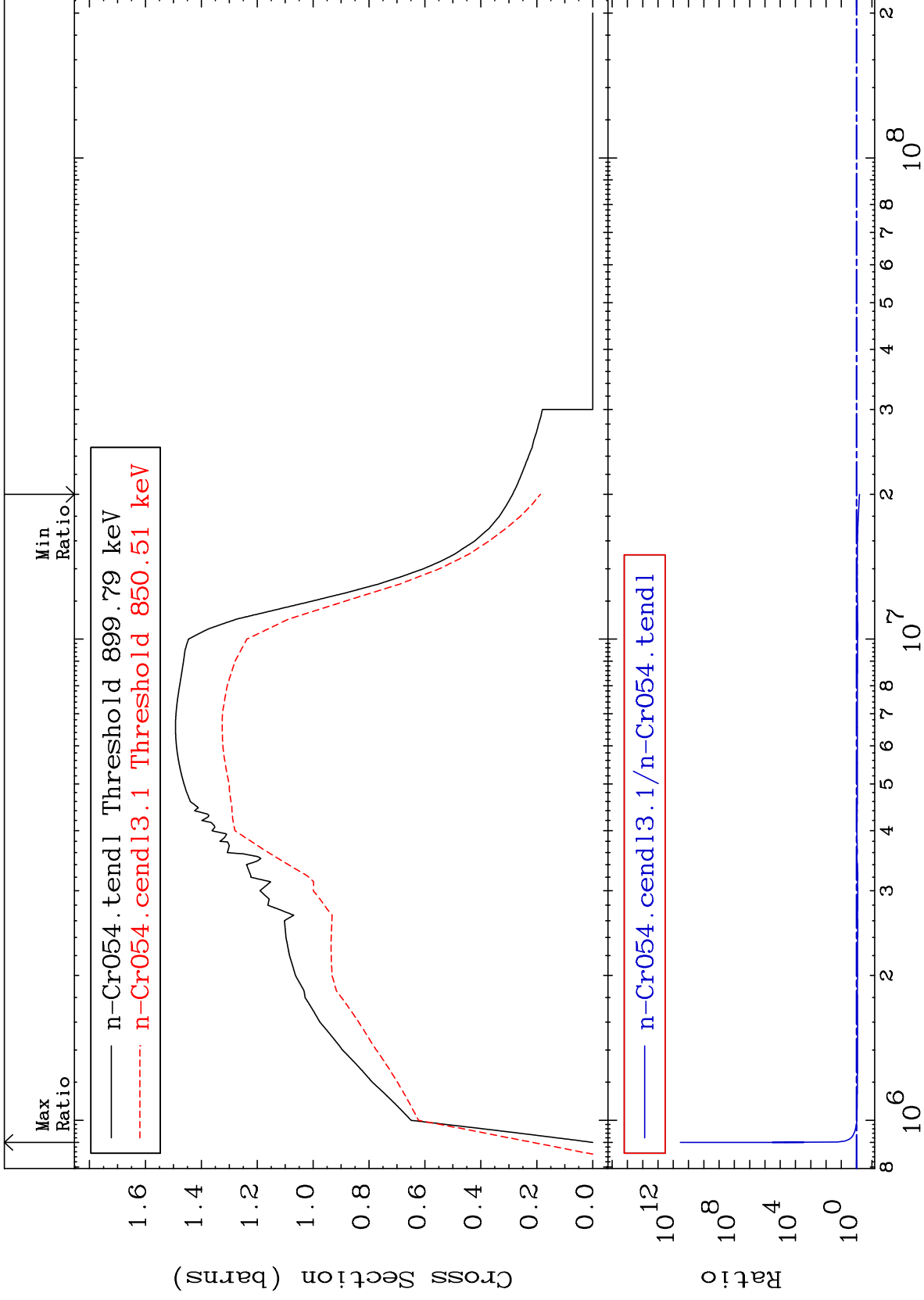
Incident Energy (eV)

24-Cr-54

MAT 2437

Inelastic
Cross Section

²⁴Cr-54
-34.77 To 9999. %



3

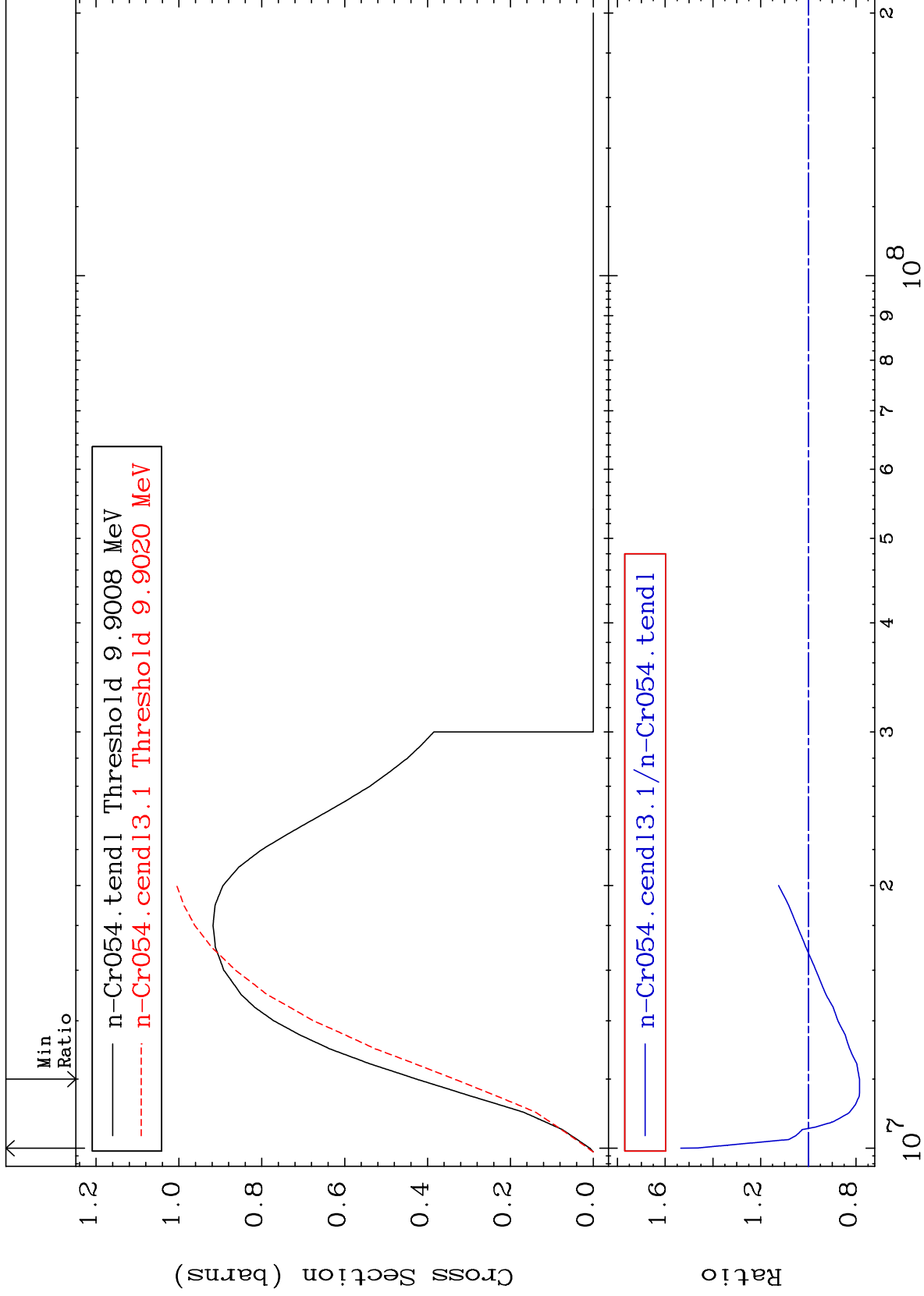
Incident Energy (eV)

²⁴Cr-54

MAT 2437

(n,2n)
Cross Section

²⁴Cr-54
-21.44 To 53.47 %



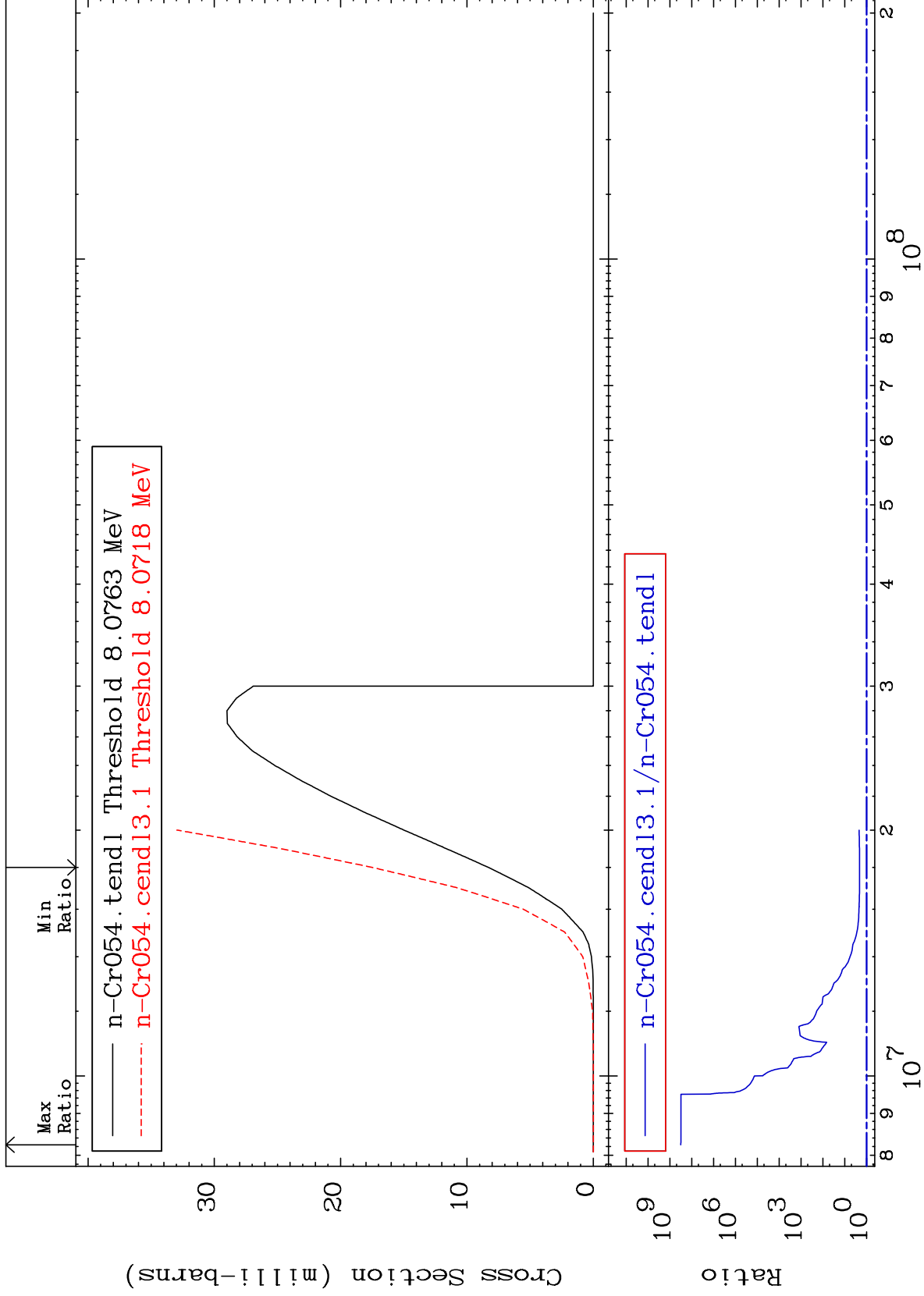
24-Cr-54

24-Cr-54

MAT 2437

(n,n') α
Cross Section

24-Cr-54
110.8 To 9999. %



5

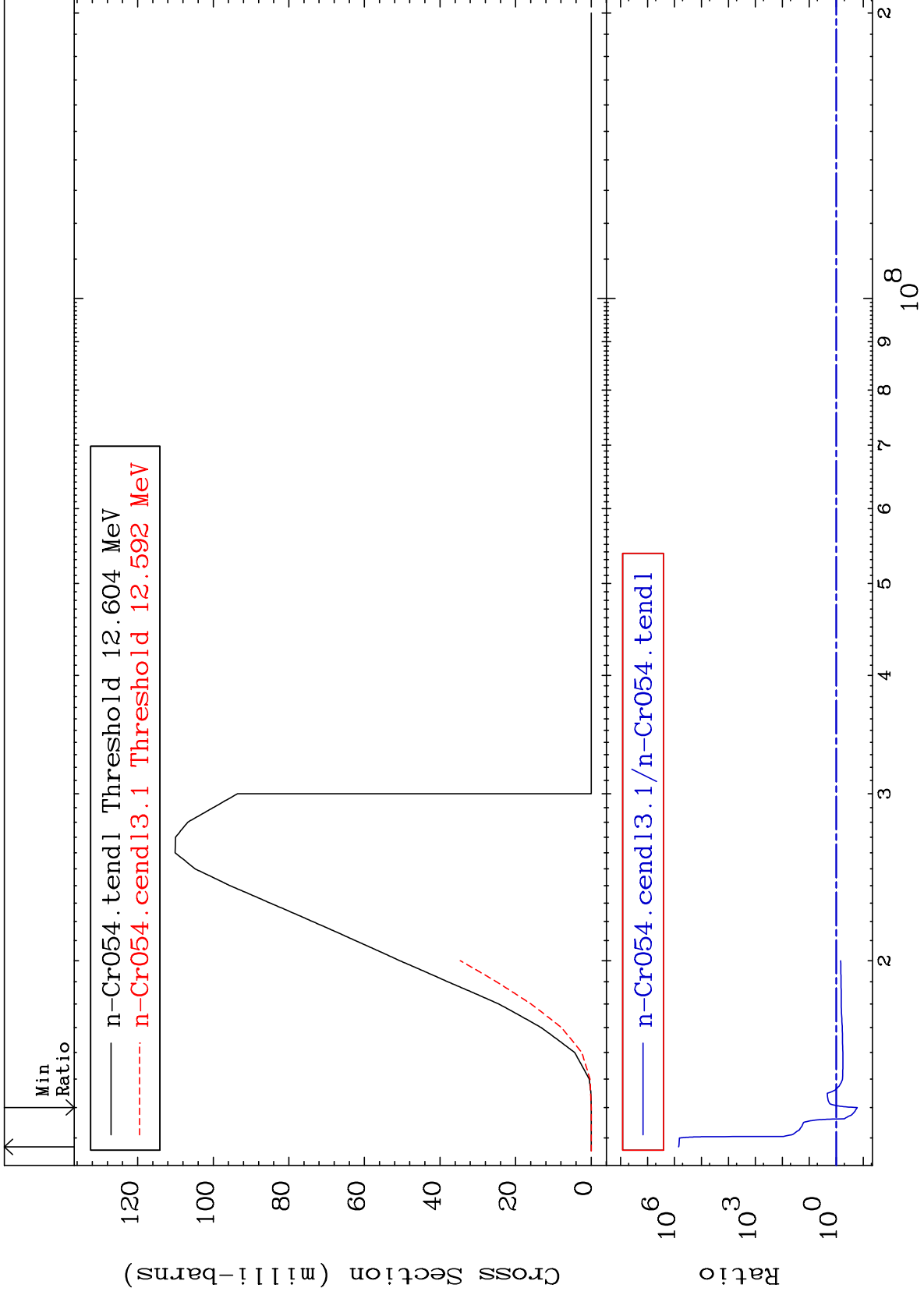
Incident Energy (eV)

24-Cr-54

MAT 2437

(n,n') p
Cross Section

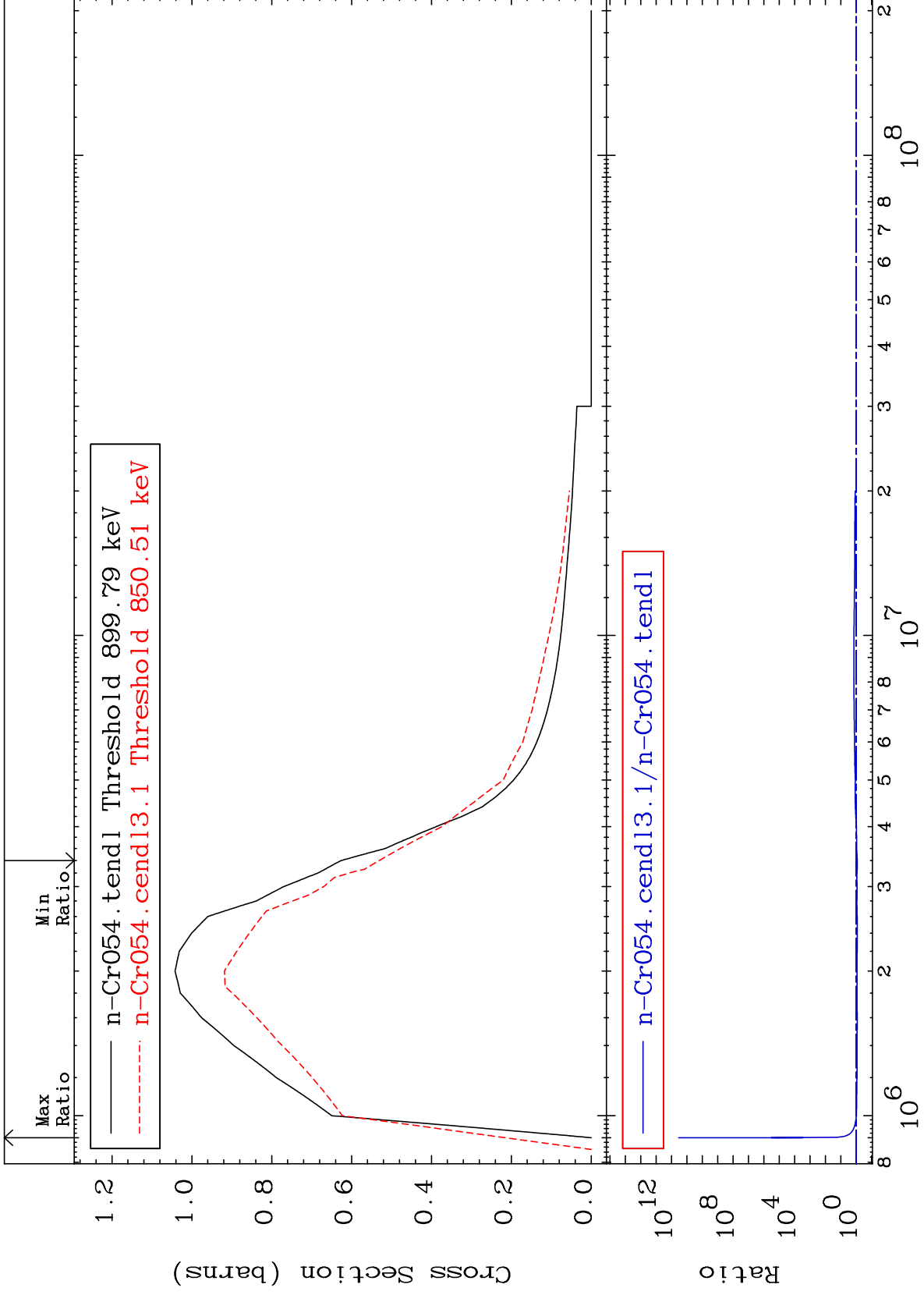
²⁴Cr-54
-83.40 To 9999. %



MAT 2437

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

24-Cr-54
-15.21 To 9999. %



7

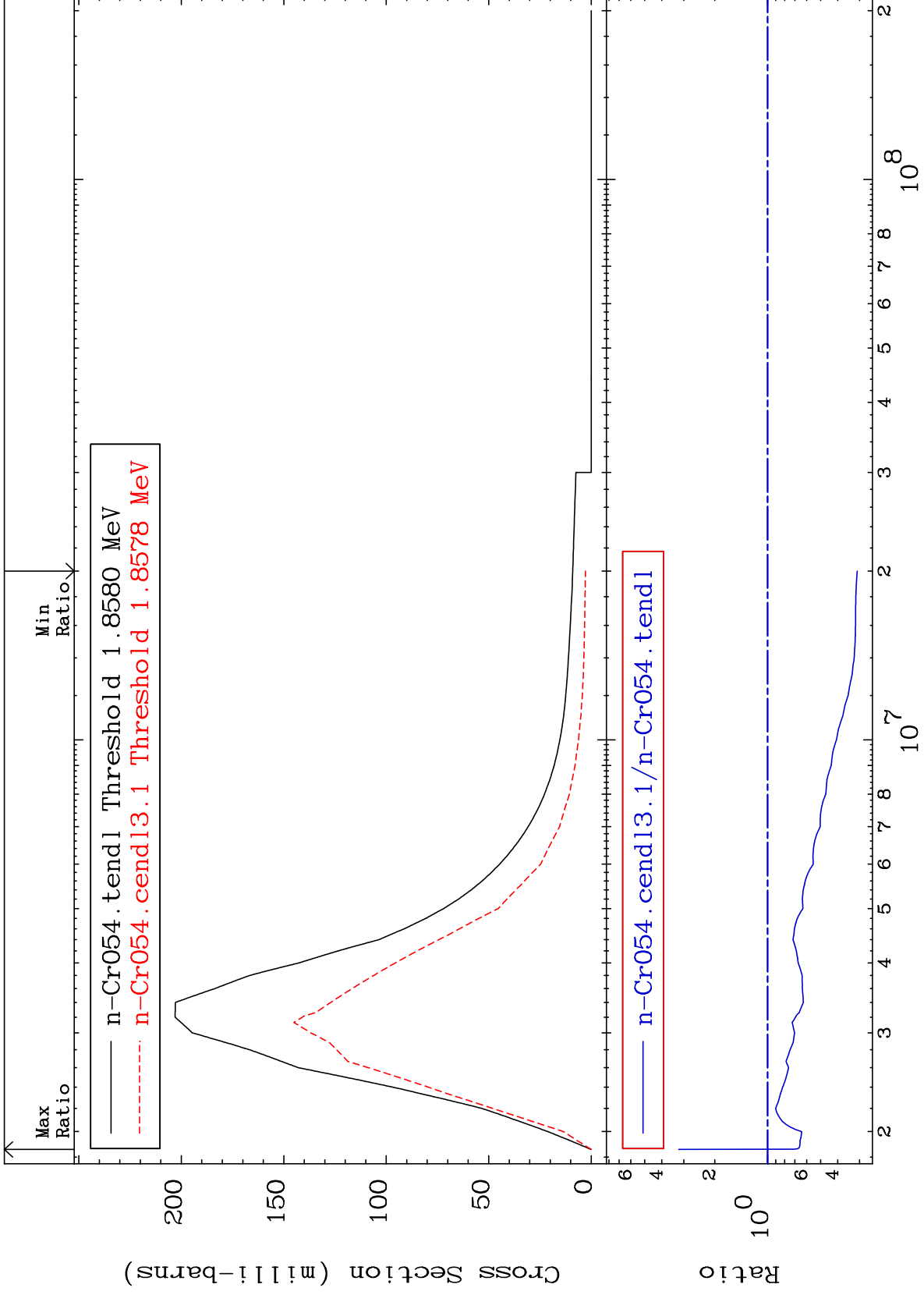
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-69.06 To 220.9 %



8

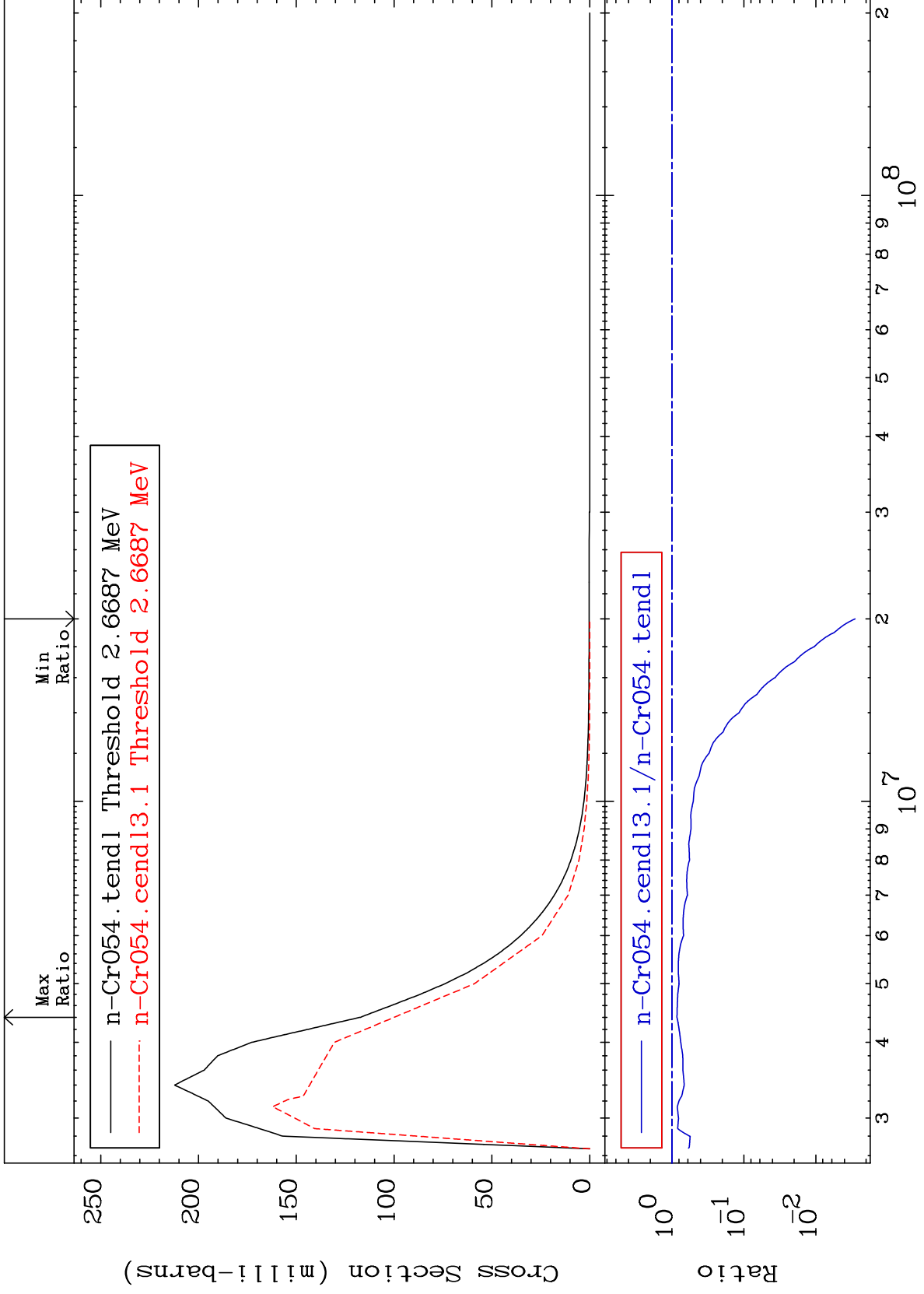
Incident Energy (eV)

24-Cr-54

MAT 2437

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

²⁴Cr-54
-99.72 To -14.72%



9

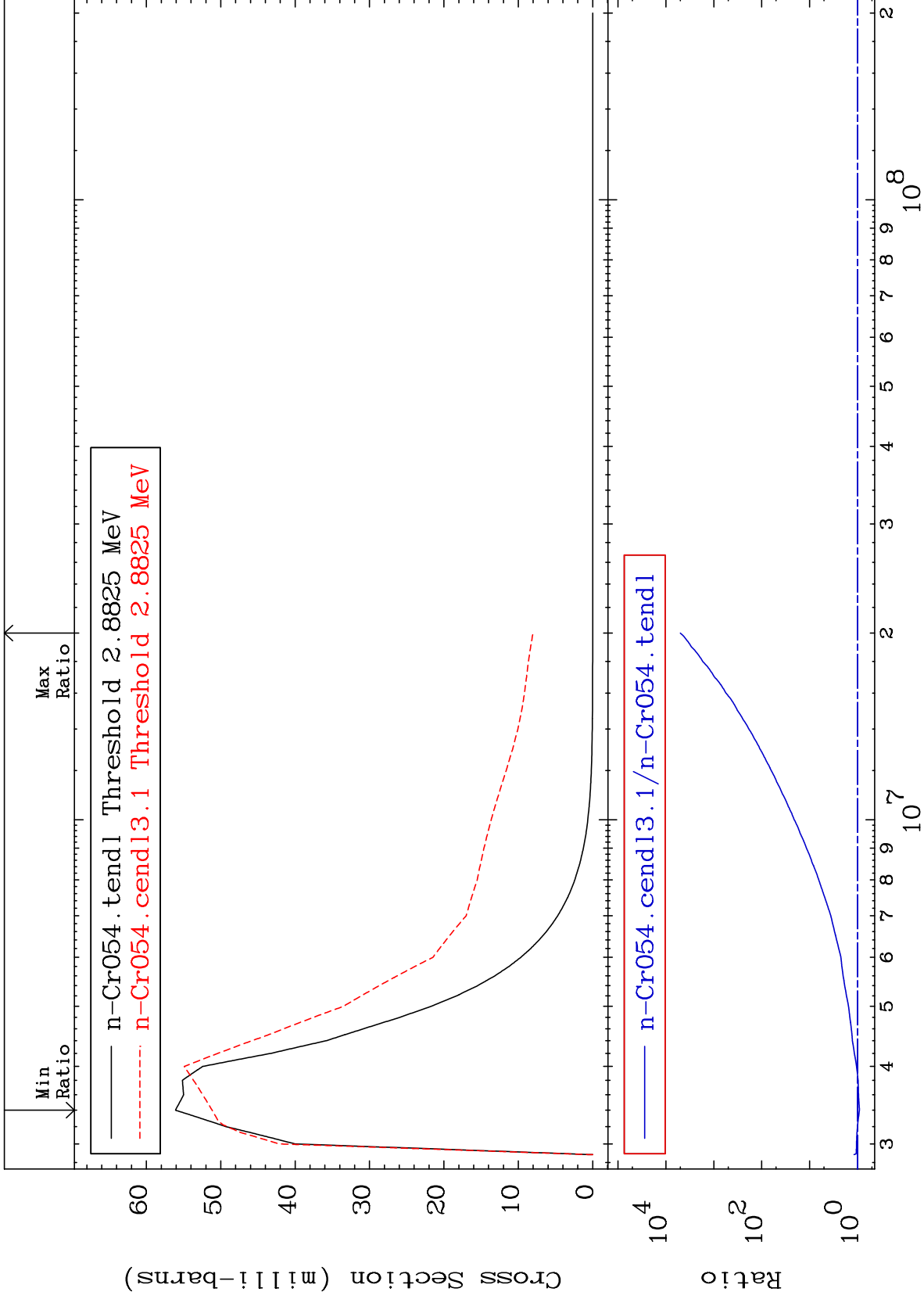
Incident Energy (eV)

²⁴Cr-54

MAT 2437

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

24-Cr-54
-8.770 To 9999. %



10

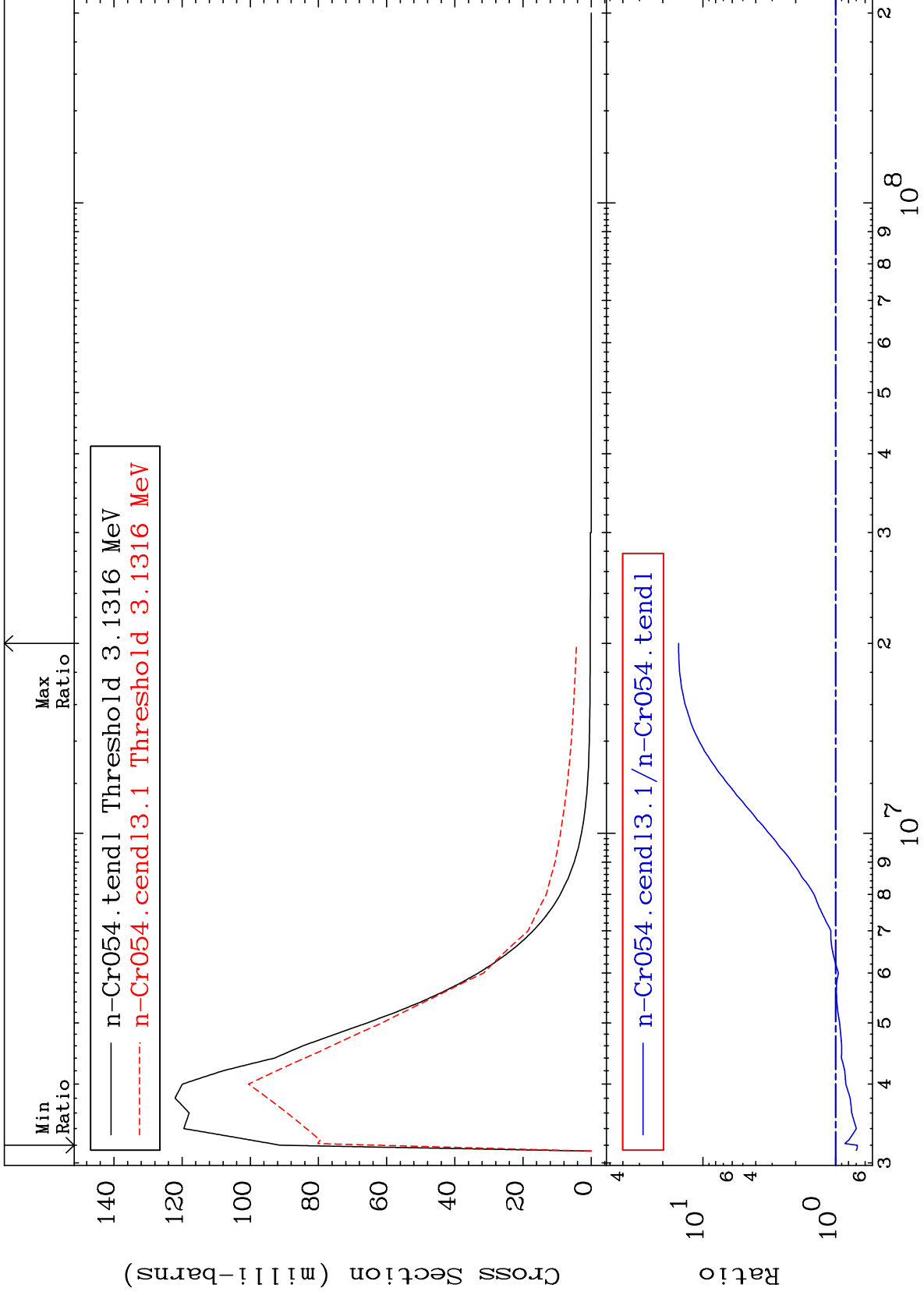
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-31.27 To 1422. %



11

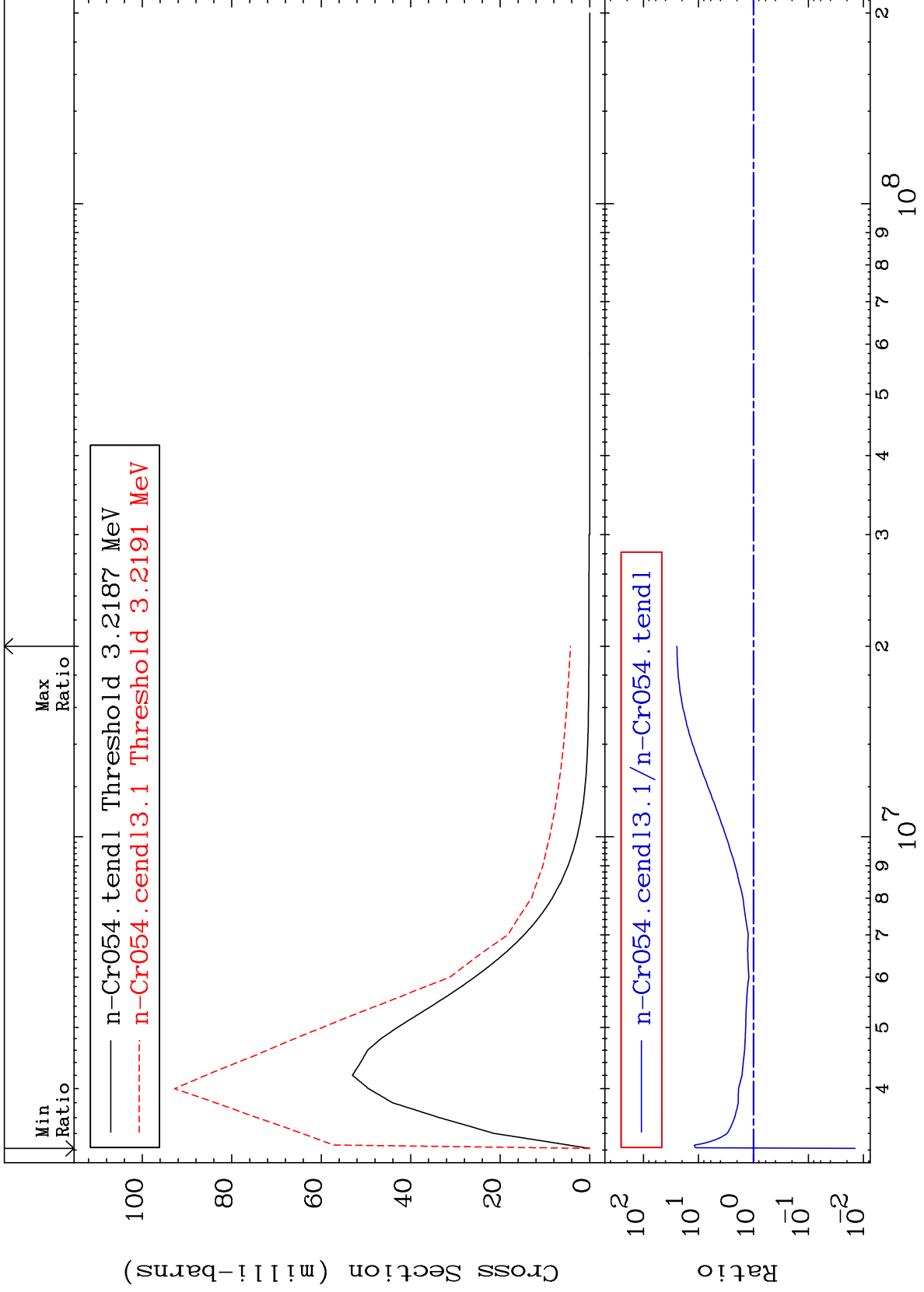
Incident Energy (eV)

24-Cr-54

MAT 2437

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

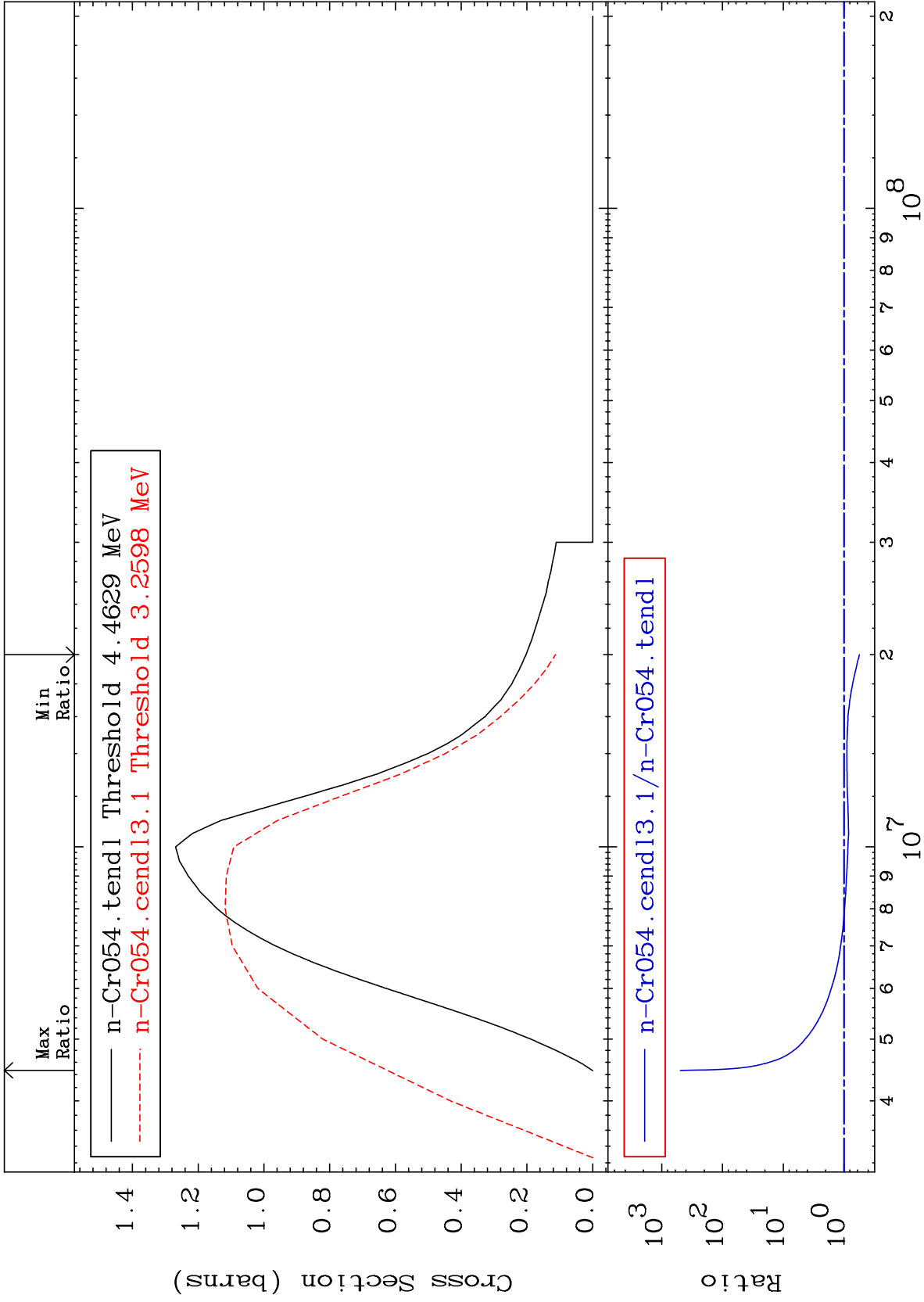
24-Cr-54
-98.58 To 2371. %



12

Incident Energy (eV)

24-Cr-54



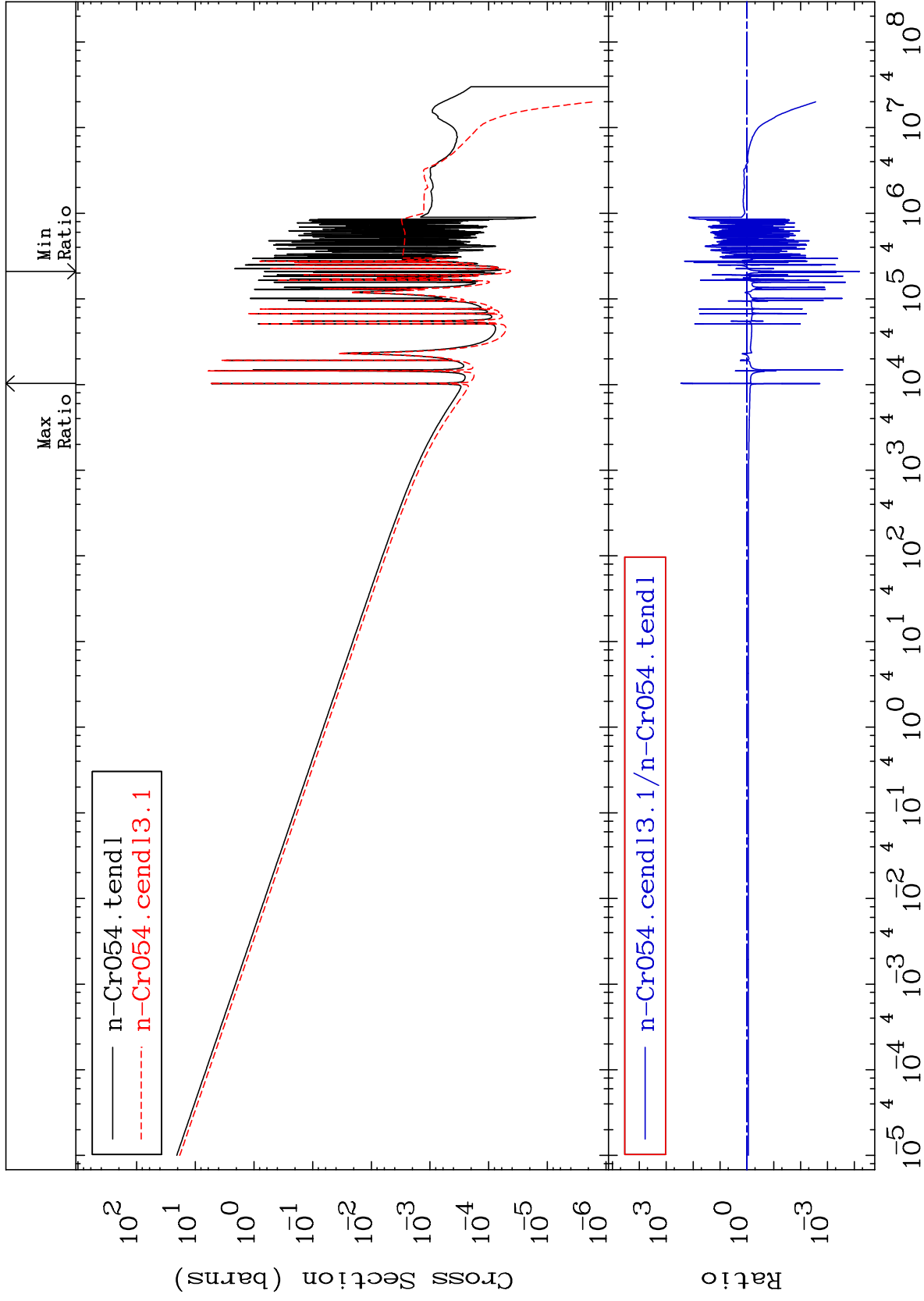
MAT 2437

(n, γ)

24-Cr-54

Cross Section

-99.99 To 9999. %



14

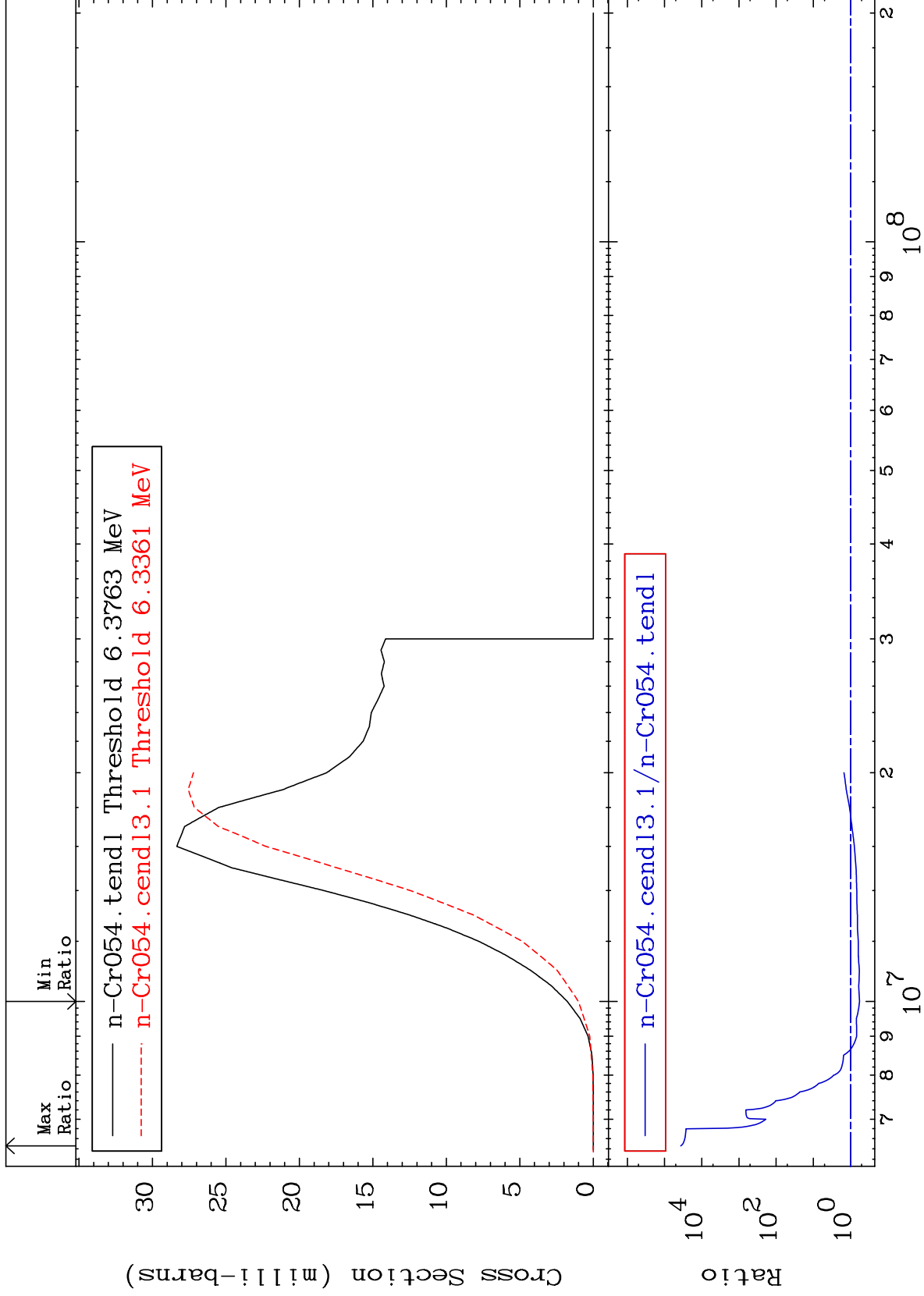
Incident Energy (eV)

24-Cr-54

MAT 2437

(n,p)
Cross Section

²⁴Cr-54
-42.78 To 9999. %



15

Incident Energy (eV)

²⁴Cr-54

MAT 2437

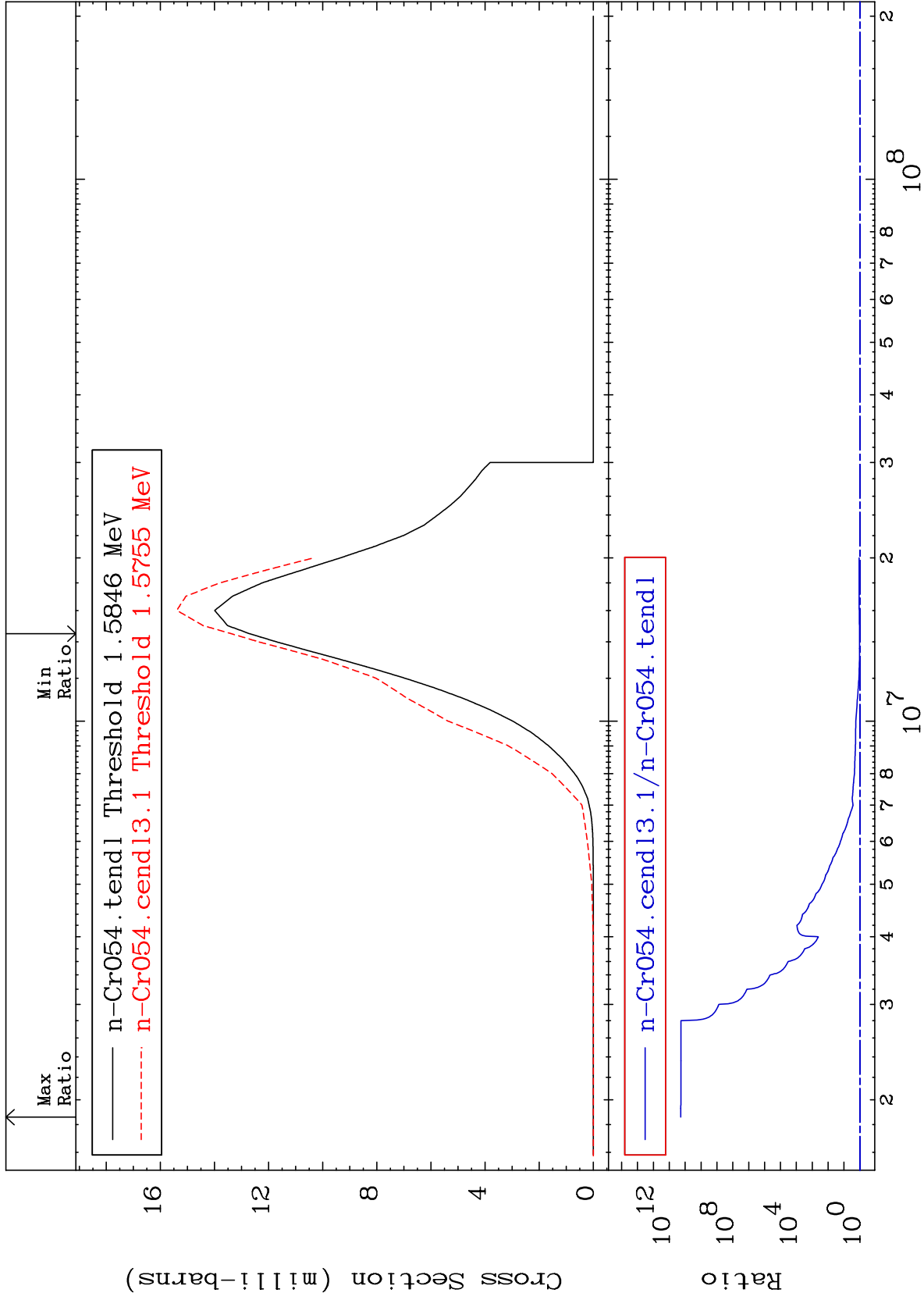
(n, α)

²⁴Cr-54

Cross Section

5.356

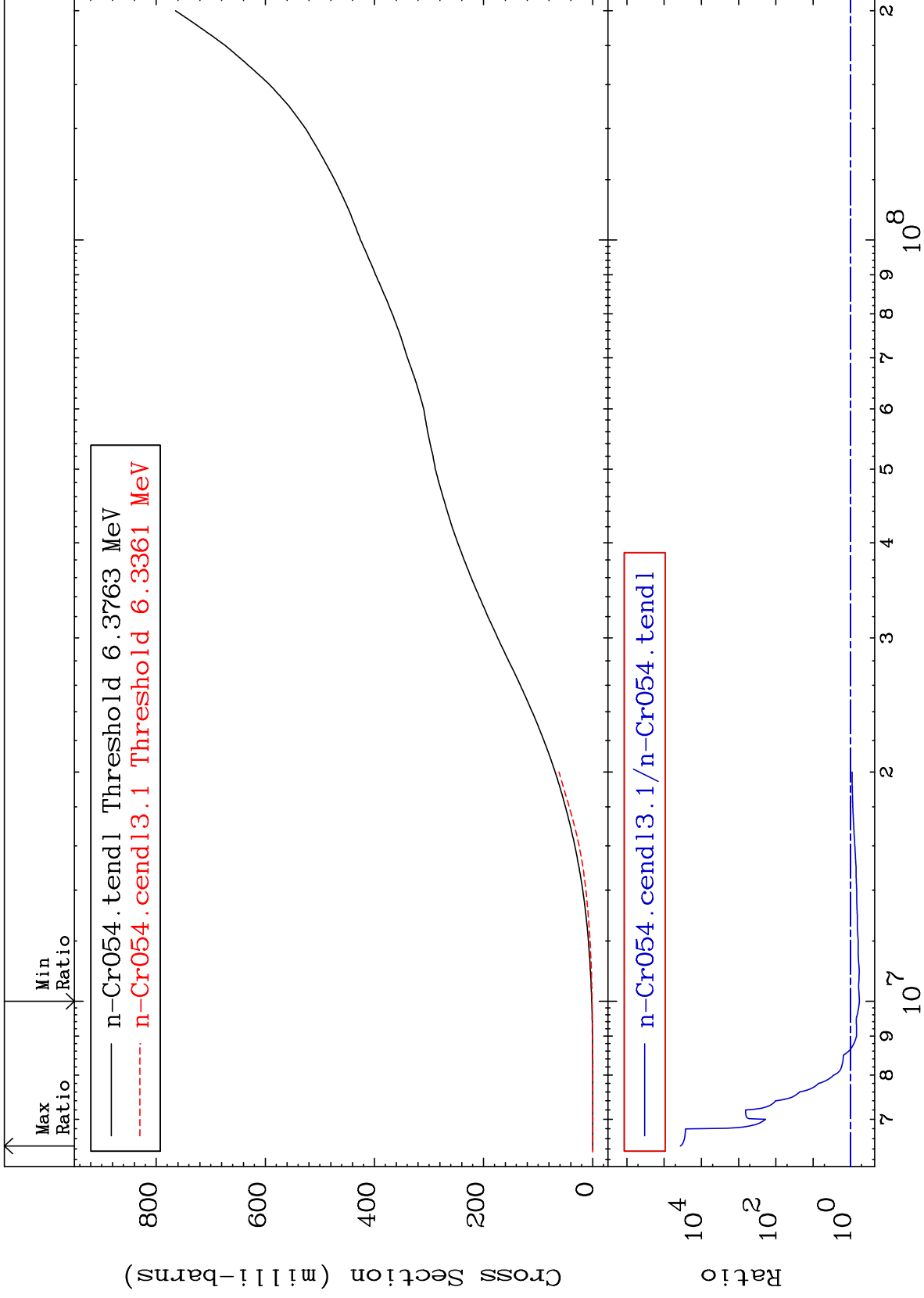
To 9999. %



16

Incident Energy (eV)

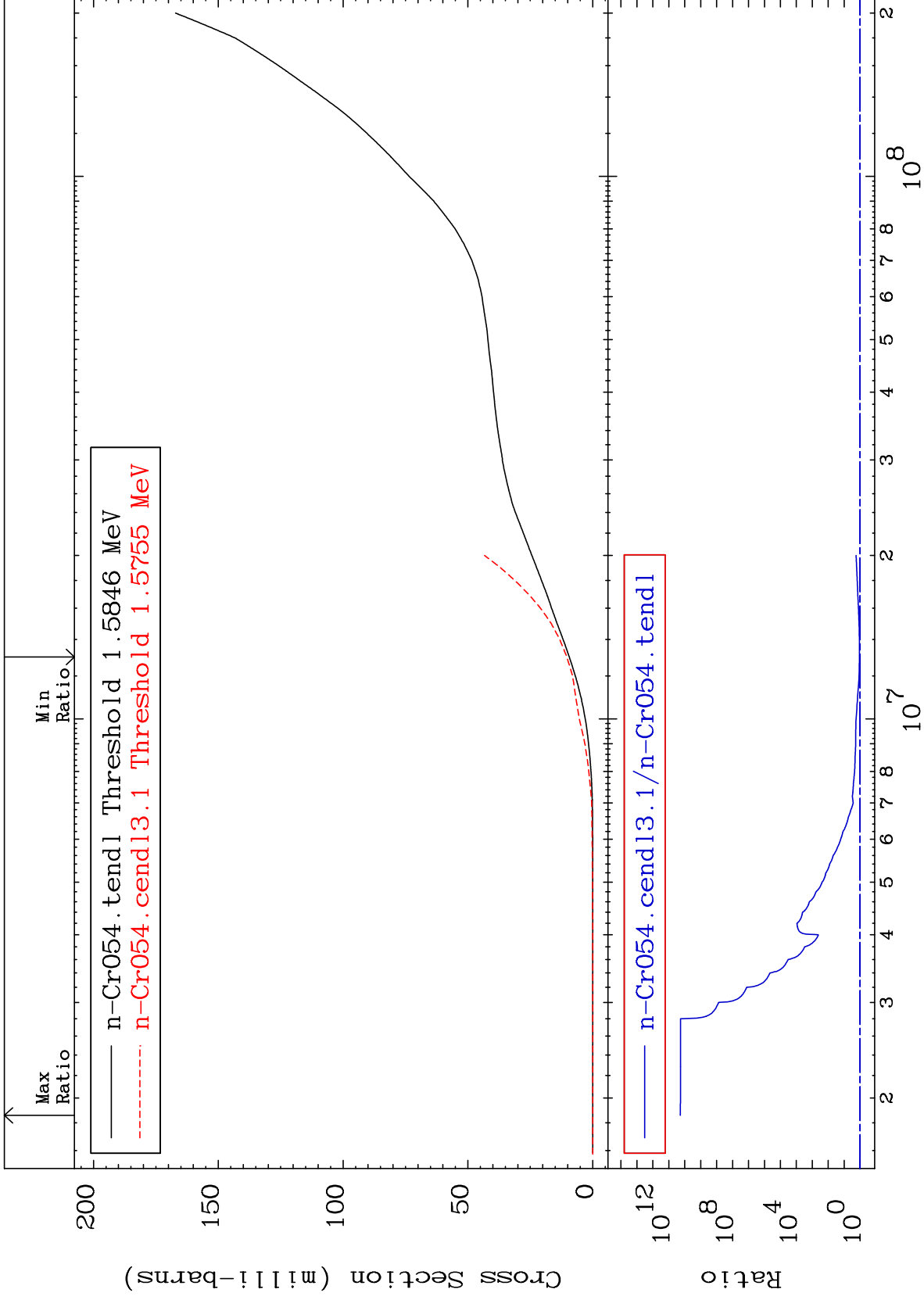
²⁴Cr-54

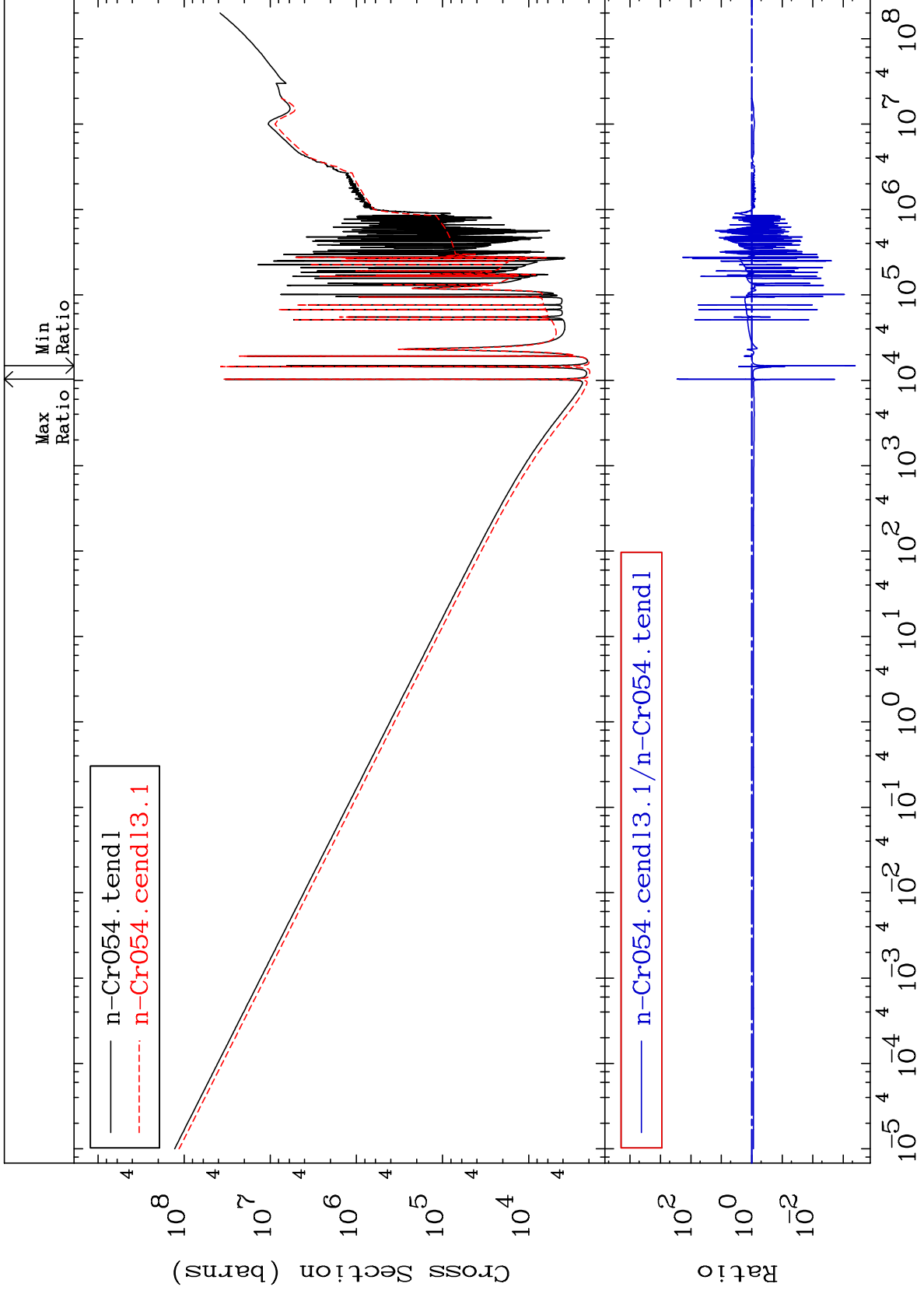


MAT 2437

He-4 Production
Cross Section

24-Cr-54
10.46 To 9999. %

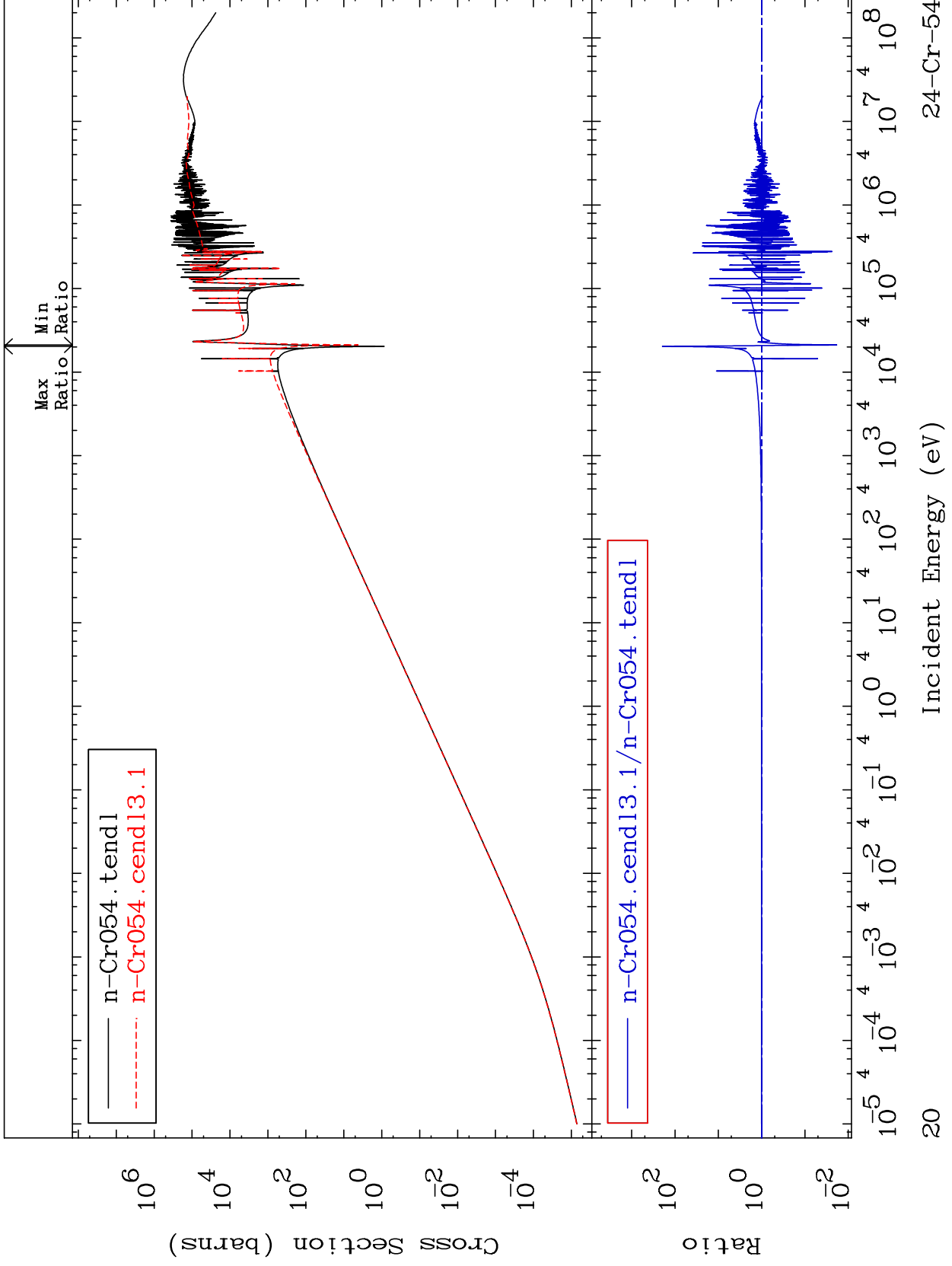




MAT 2437

Kerma elastic
Cross Section

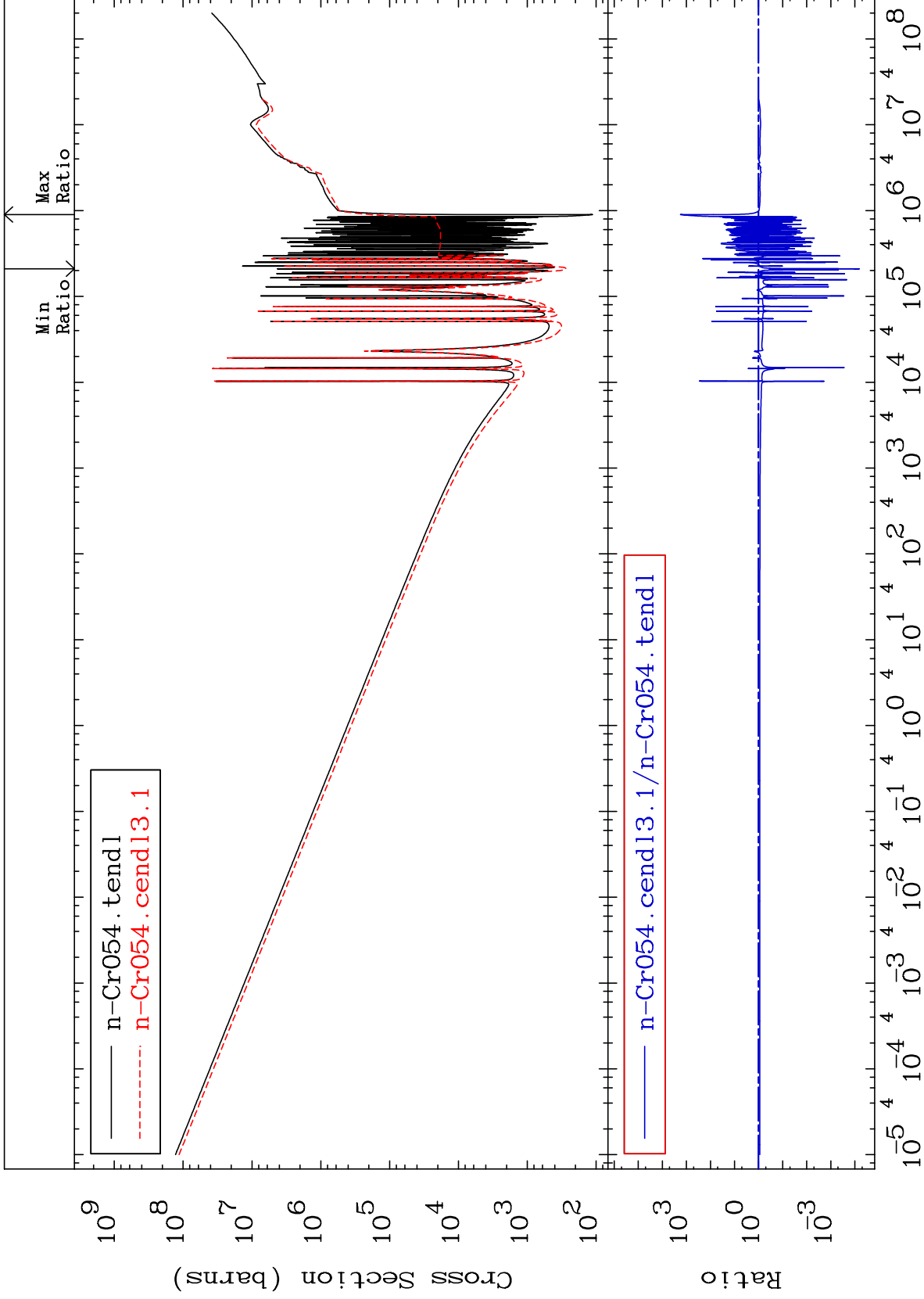
24-Cr-54
-98.14 To 9999. %

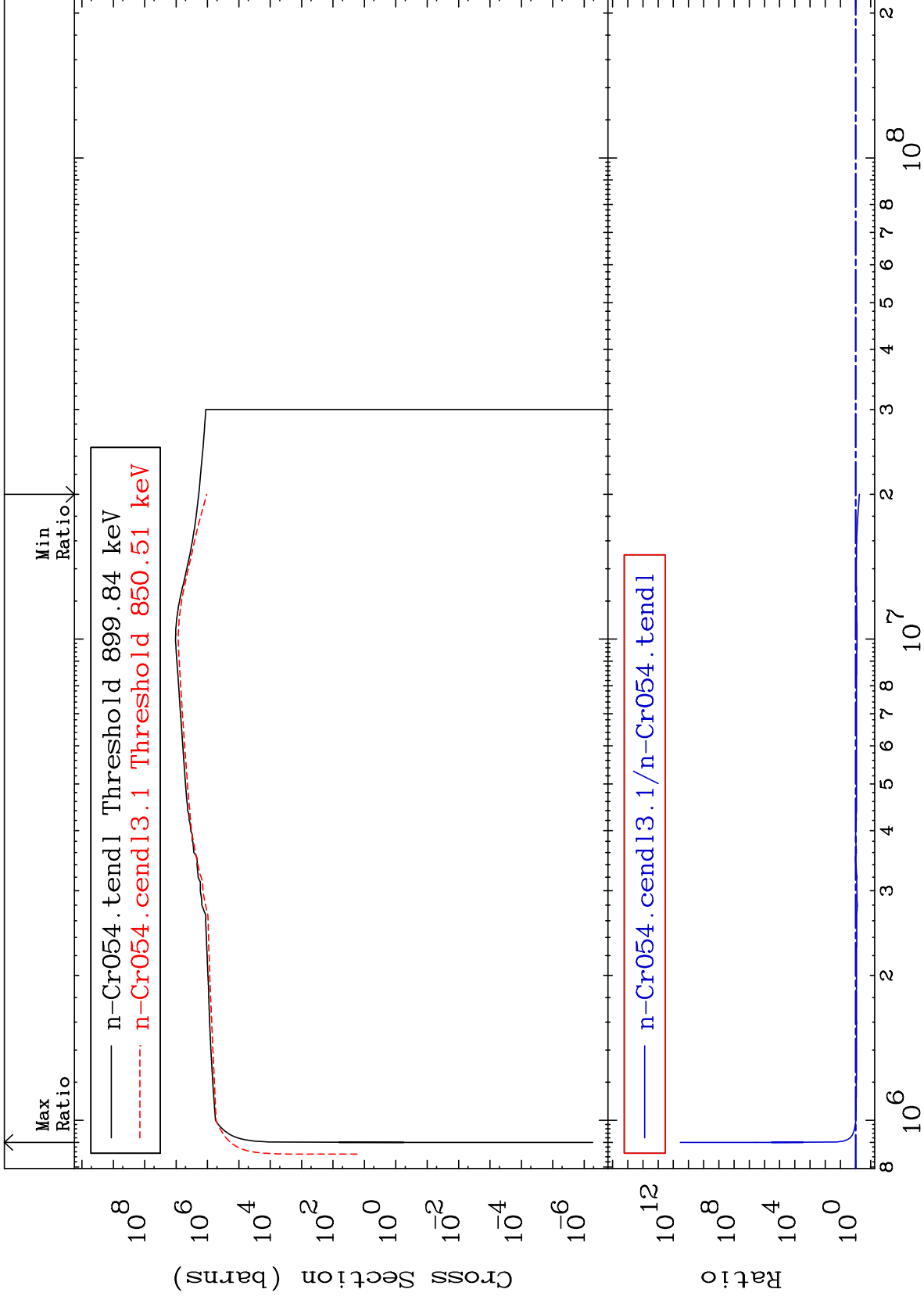


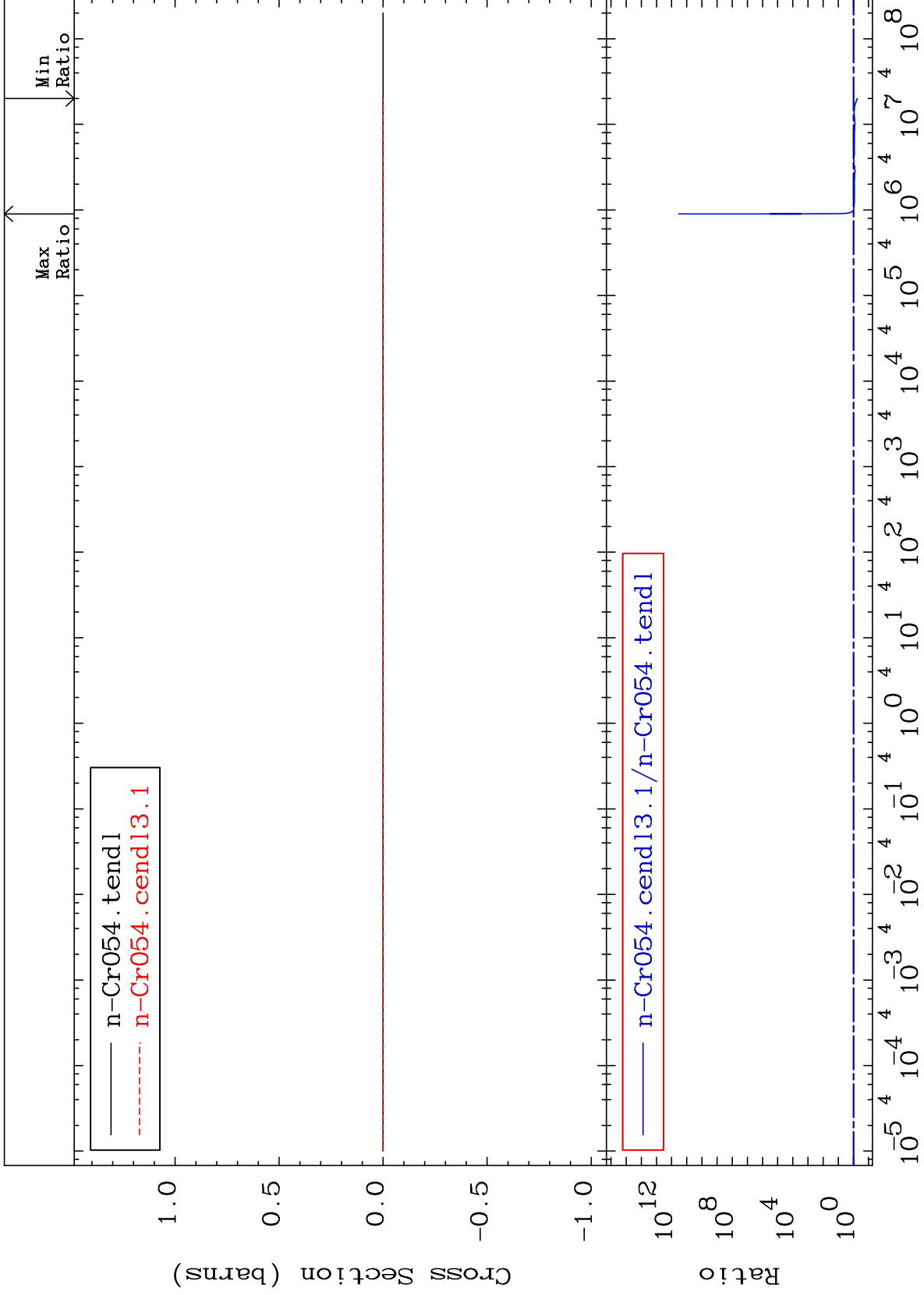
MAT 2437

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-54
-99.99 To 9999. %



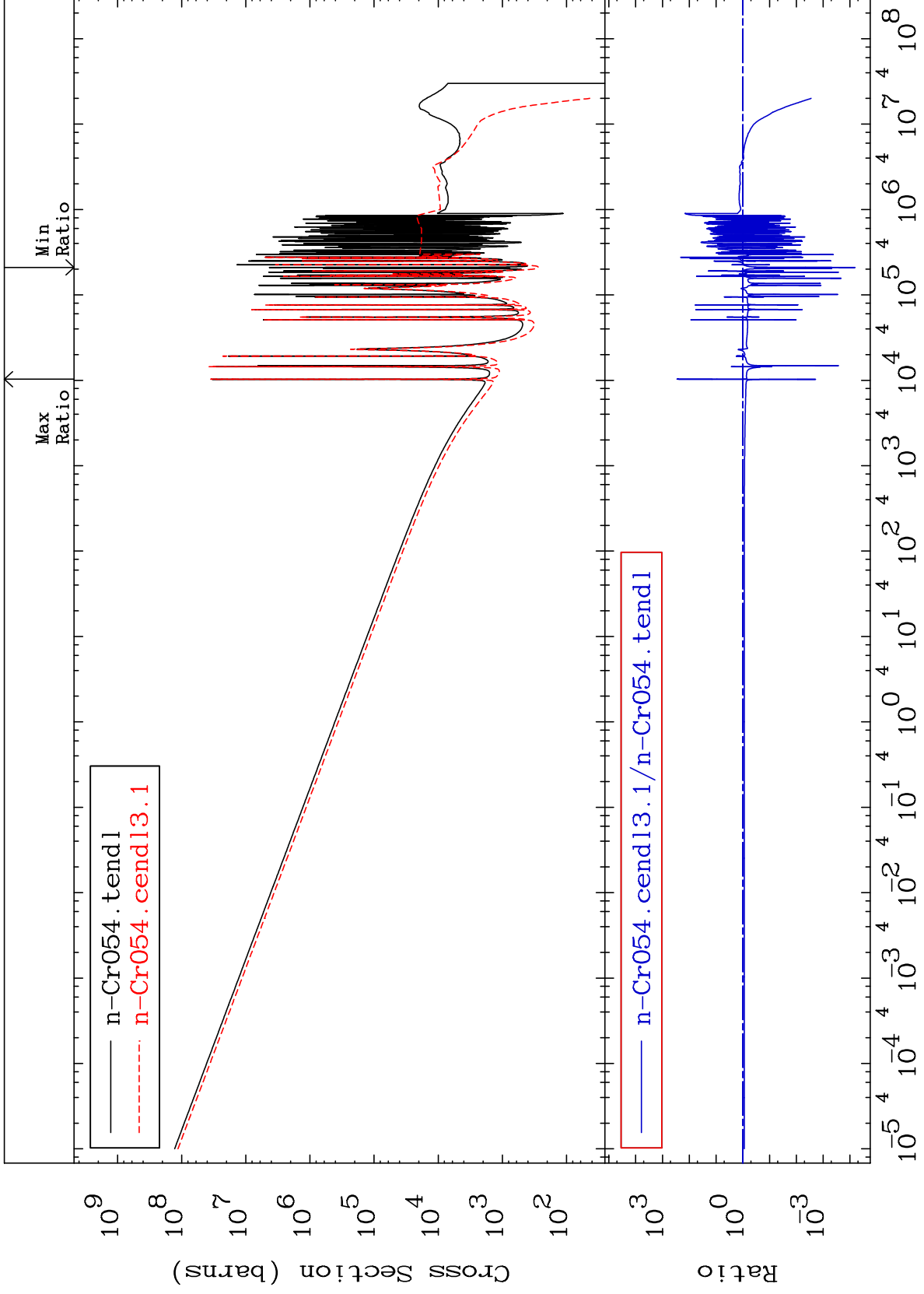




MAT 2437

Kerma capture (mt102)
Cross Section

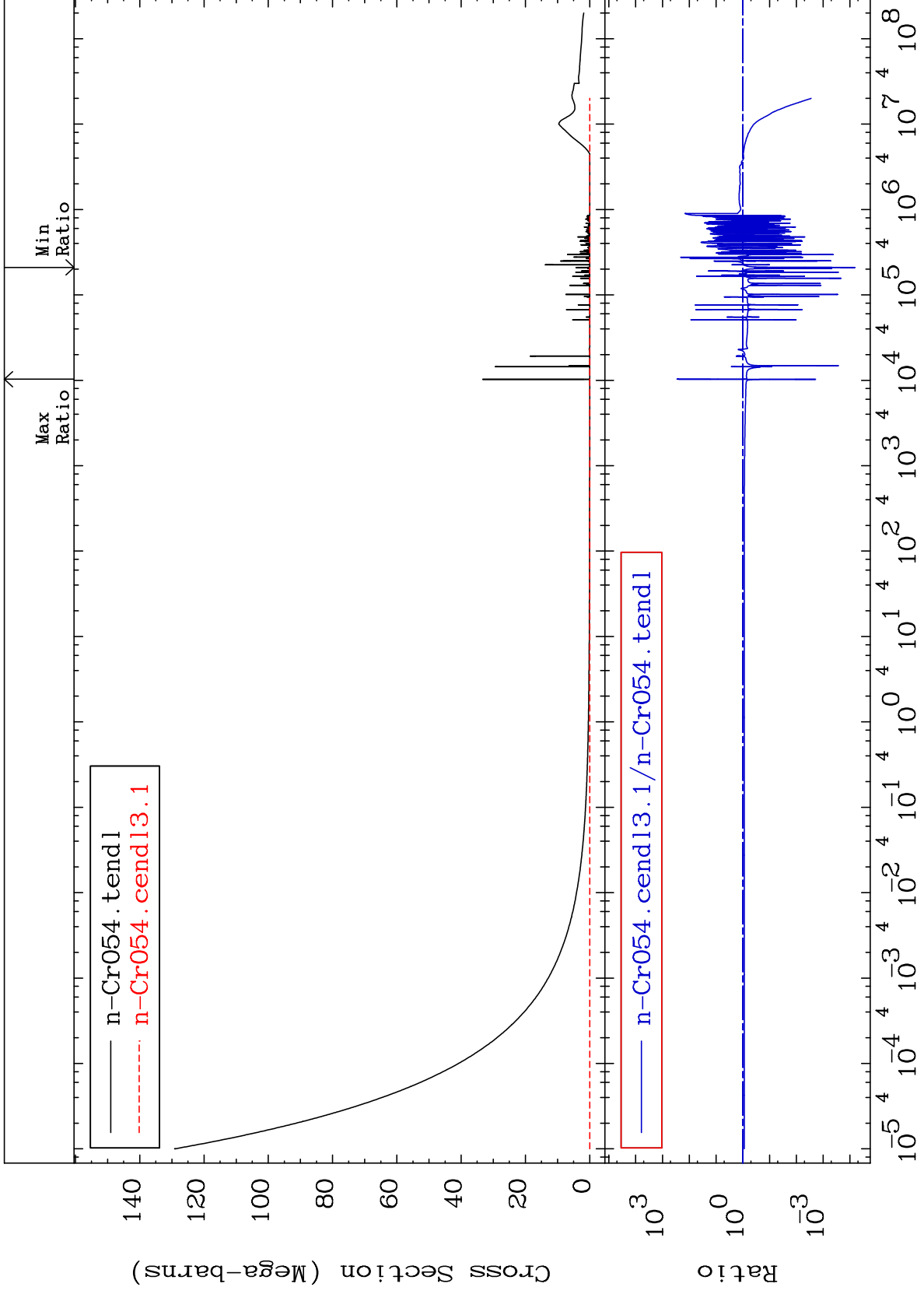
24-Cr-54
-99.99 To 9999. %



24

Incident Energy (eV)

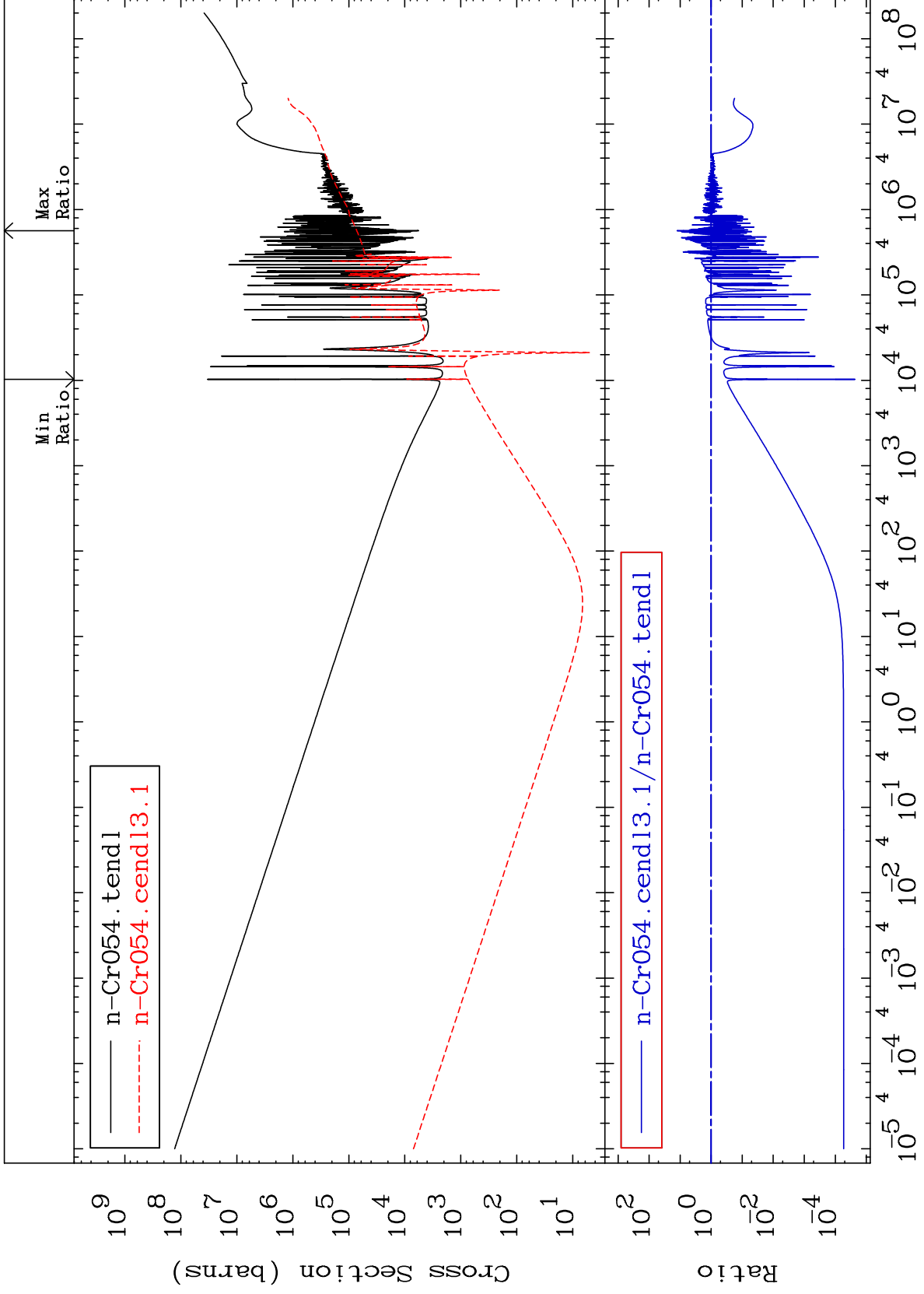
24-Cr-54

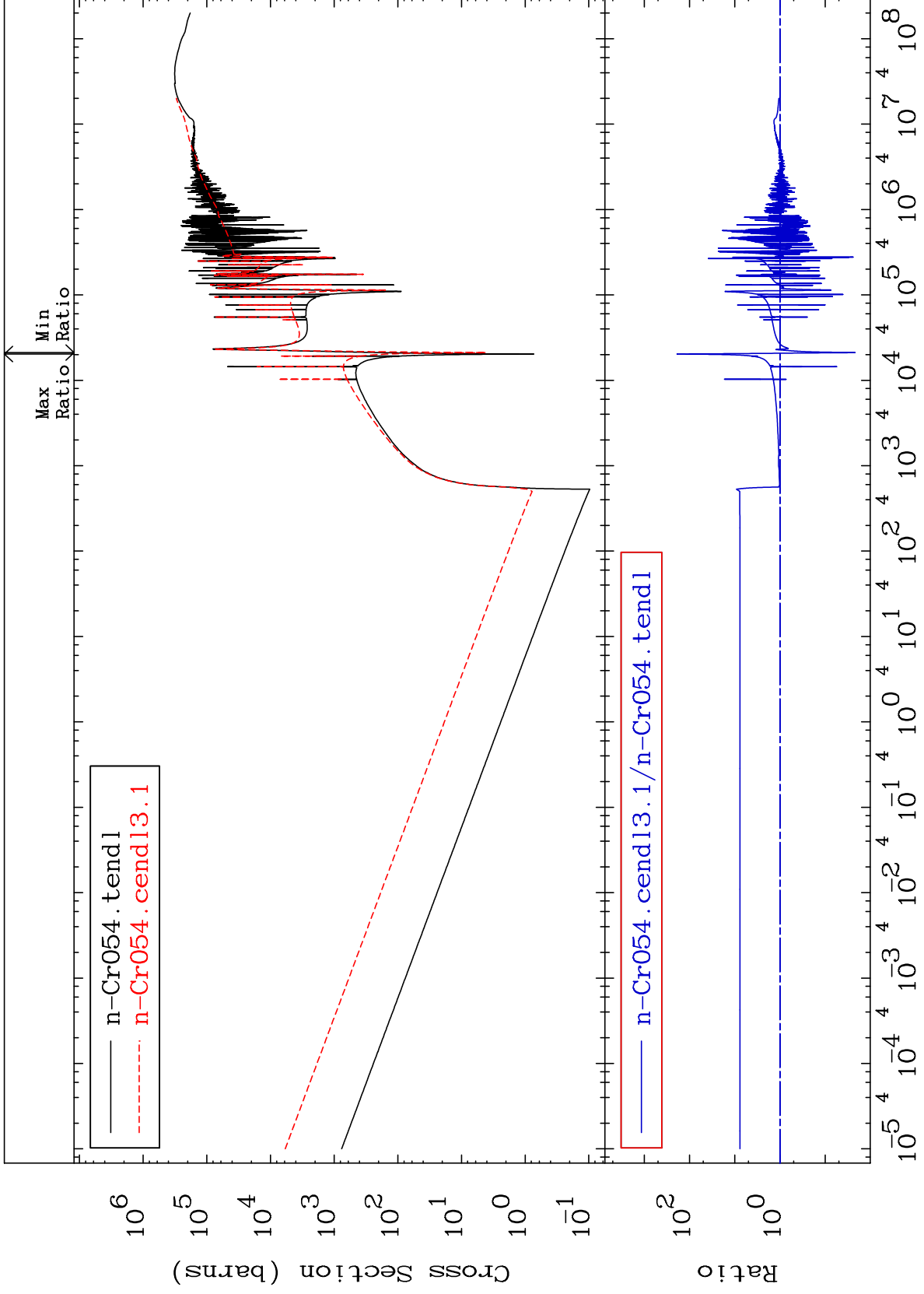


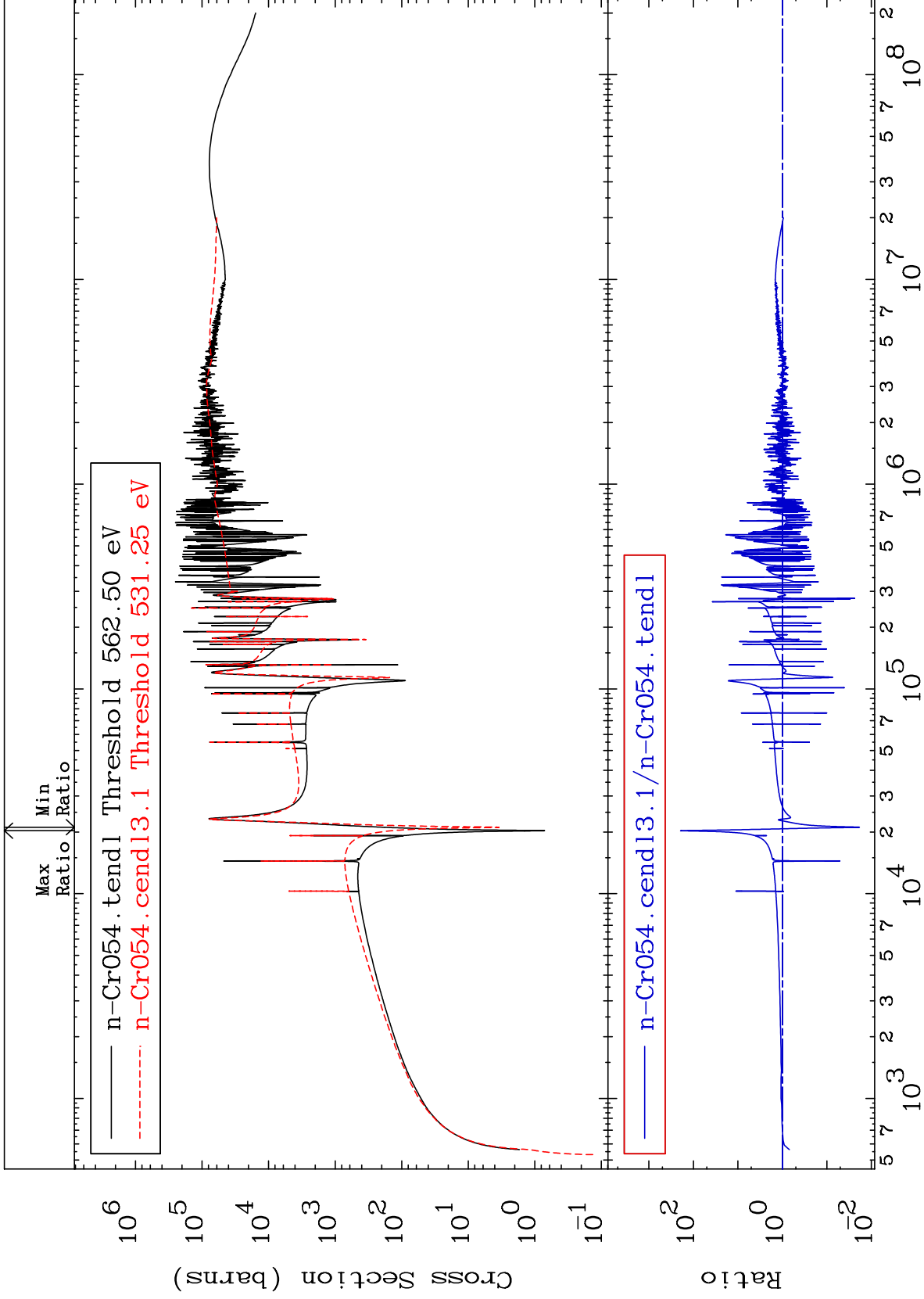
MAT 2437

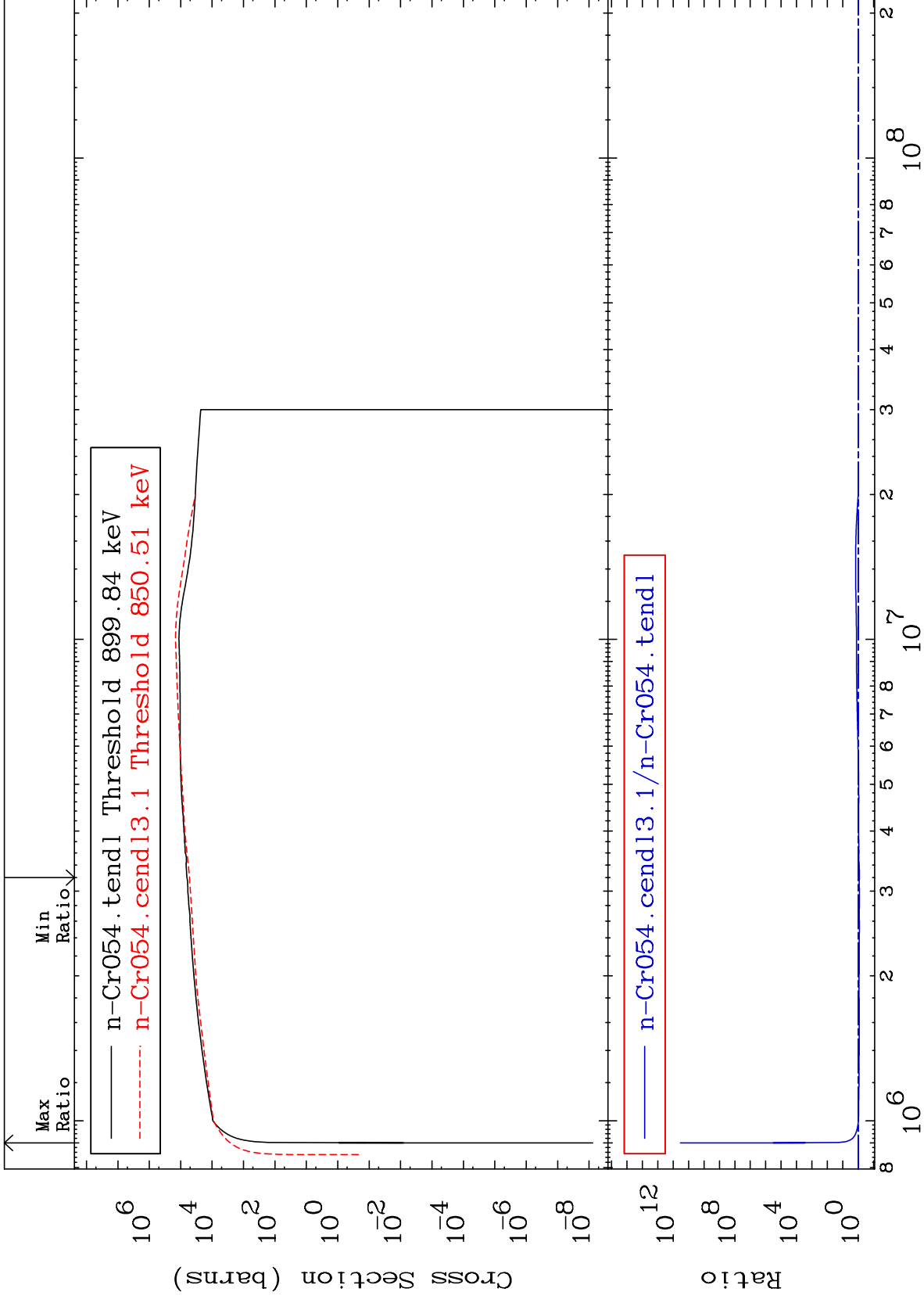
Total kinematic kerma (high limit)
Cross Section

24-Cr-54
-100.0 To 1171. %









MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-99.60 To 9999. %

