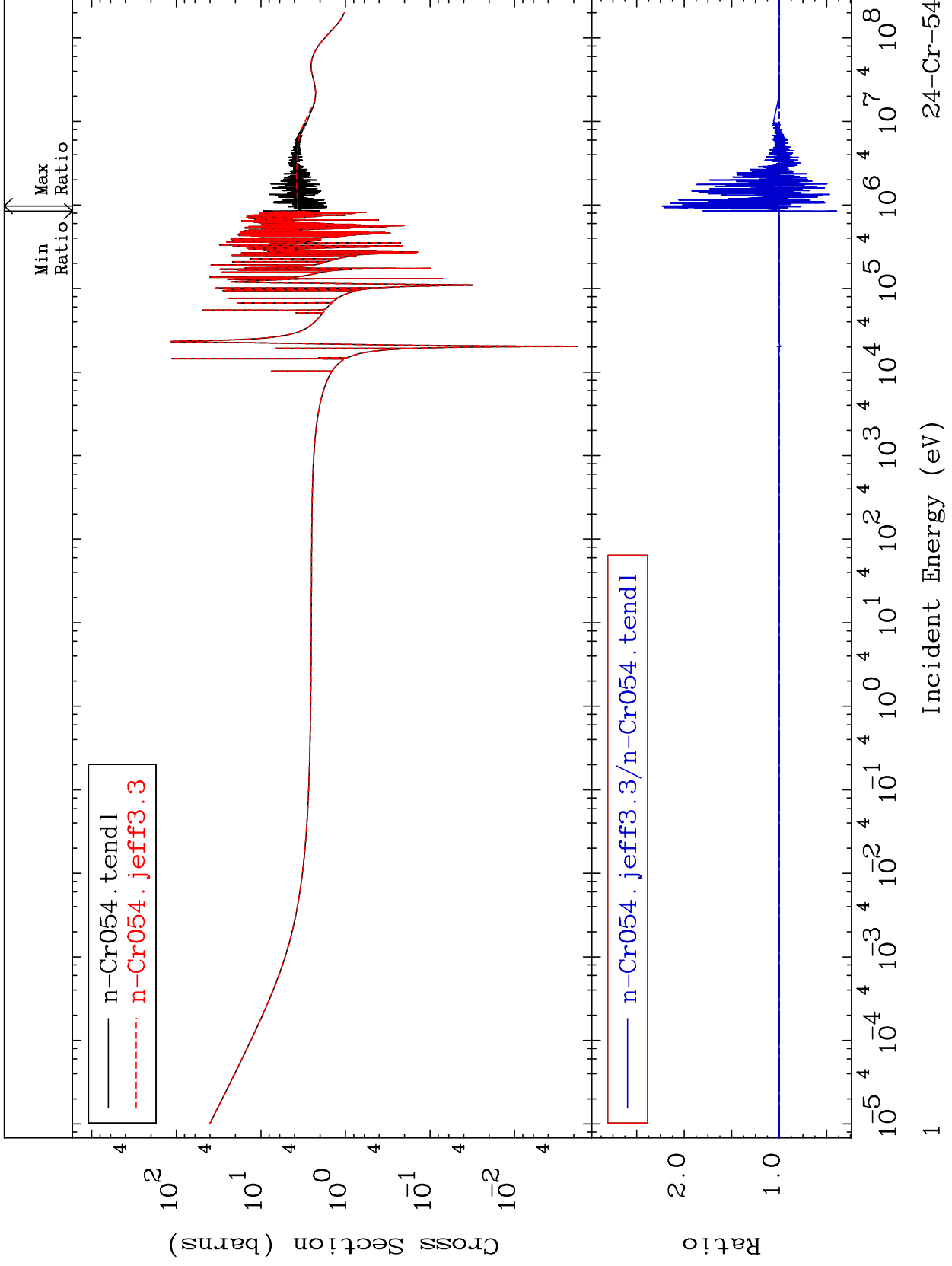


MAT 2437

Total
Cross Section

24-Cr-54
-60.41 To 123.1 %



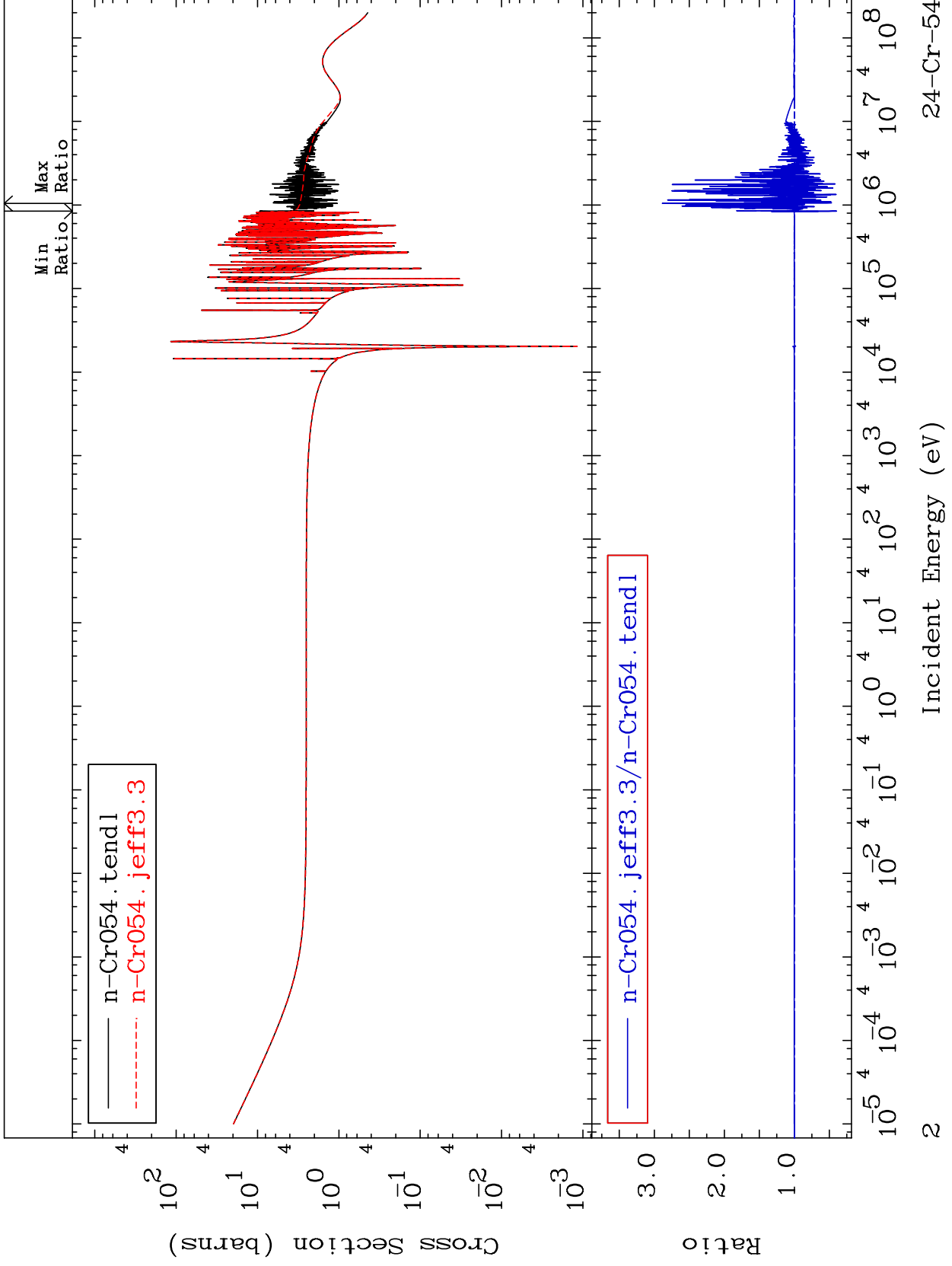
24-Cr-54

Incident Energy (eV)

MAT 2437

Elastic
Cross Section

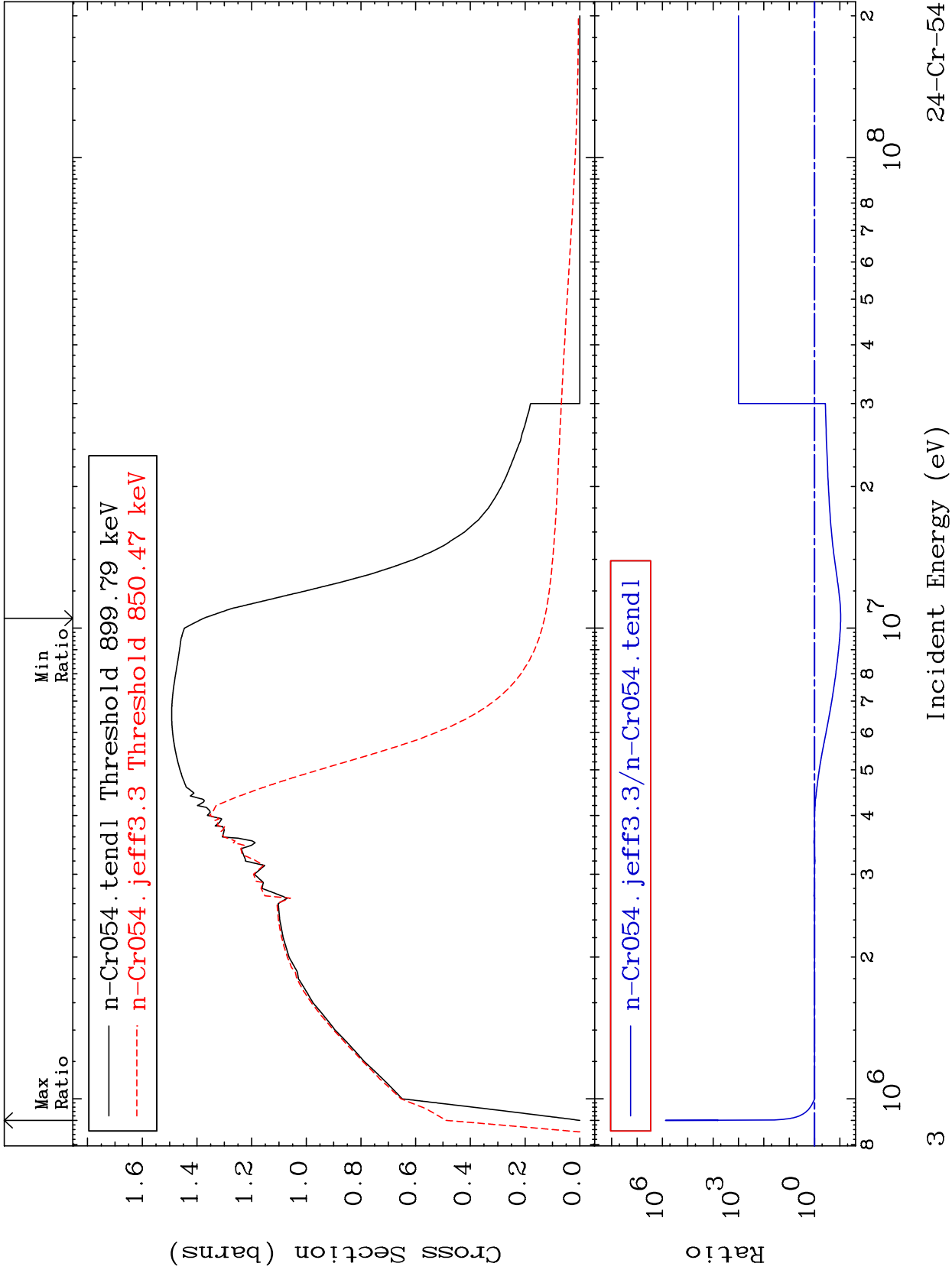
24-Cr-54
-60.42 To 188.6 %



MAT 2437

Inelastic
Cross Section

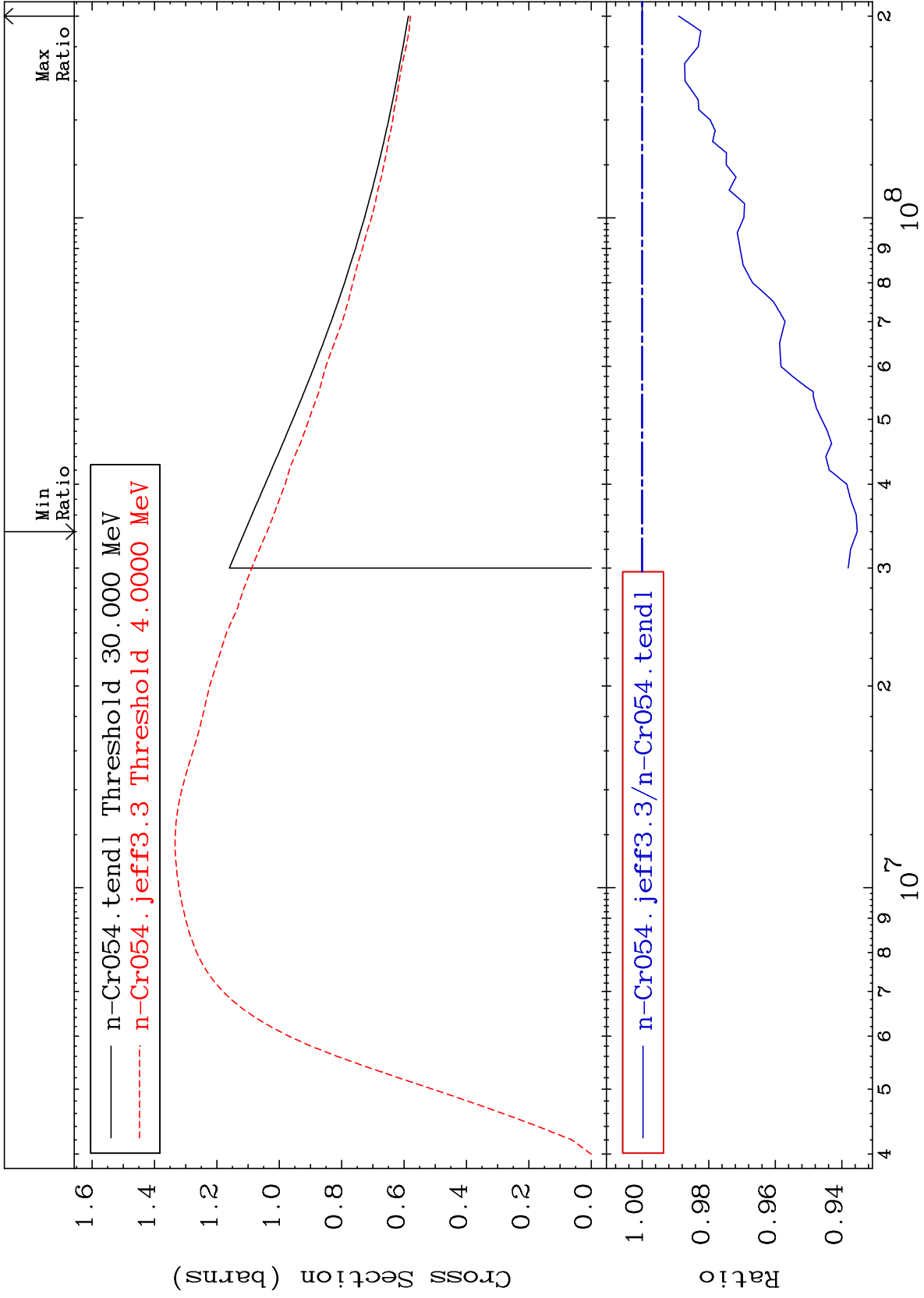
24-Cr-54
-90.65 To 9999. %



MAT 2437

(n, remainder)
Cross Section

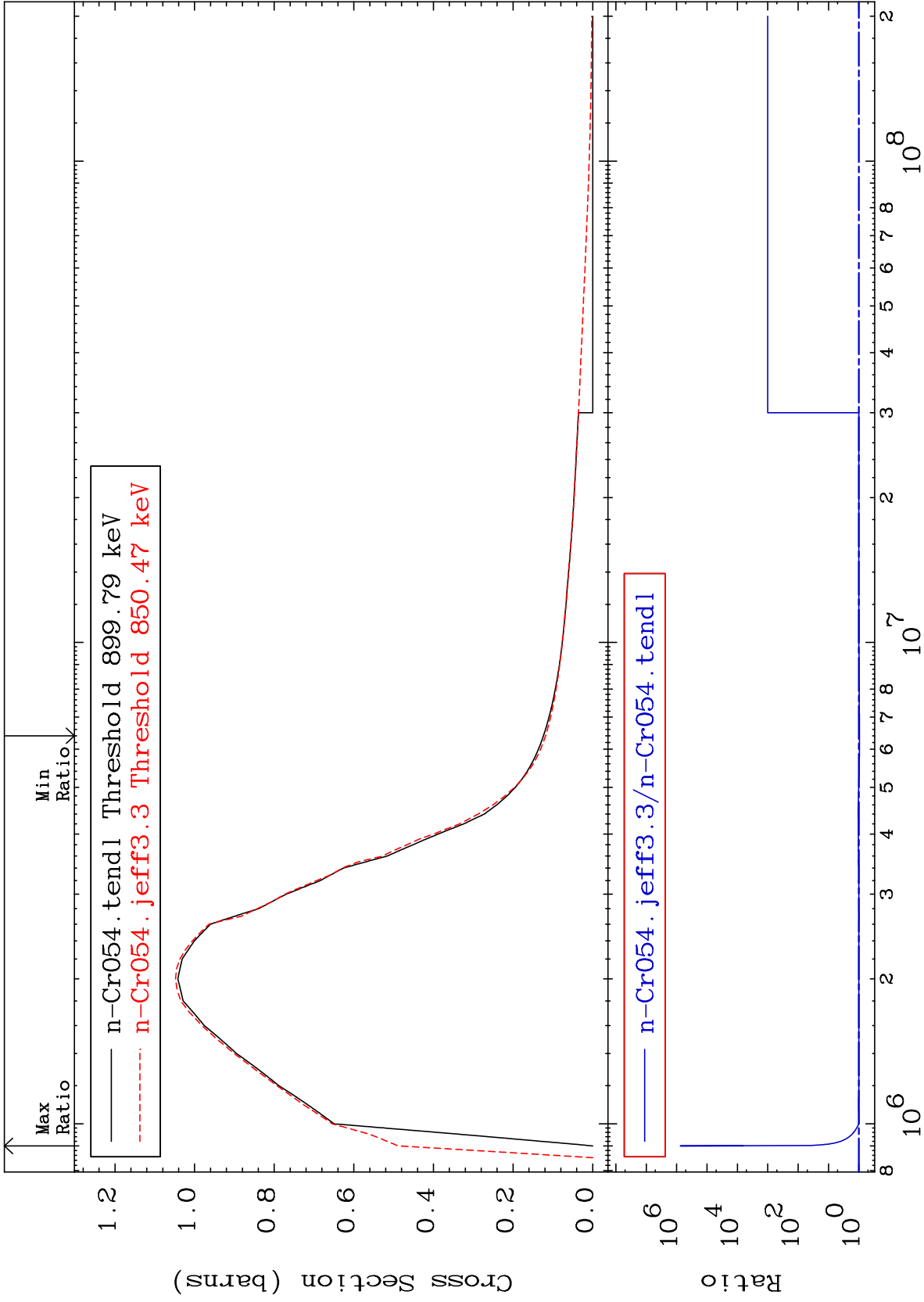
24-Cr-54
-6.464 To -1.096%



MAT 2437

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

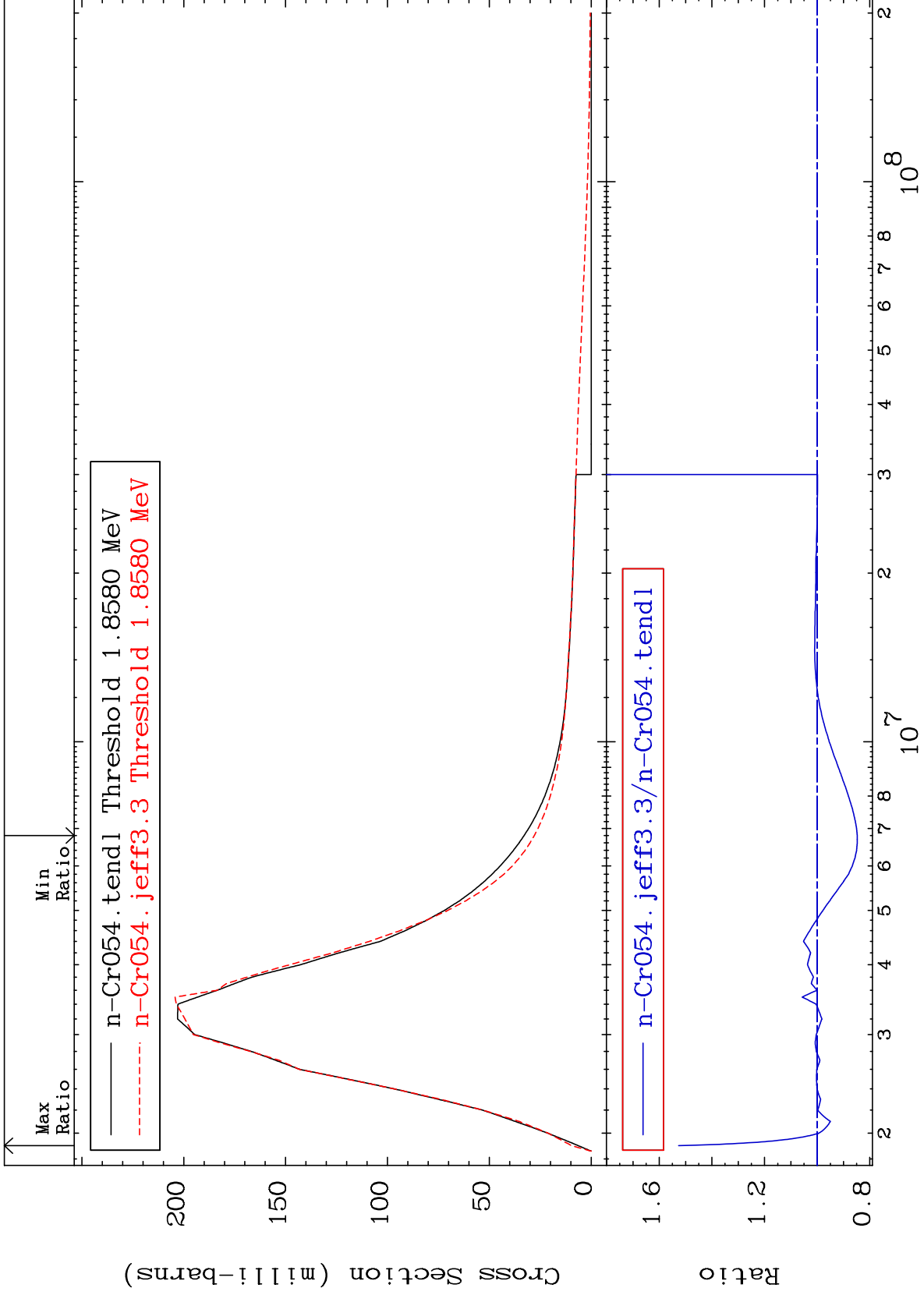
24-Cr-54
-4.251 To 9999. %



MAT 2437

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

24-Cr-54
-15.22 To 52.64 %



6

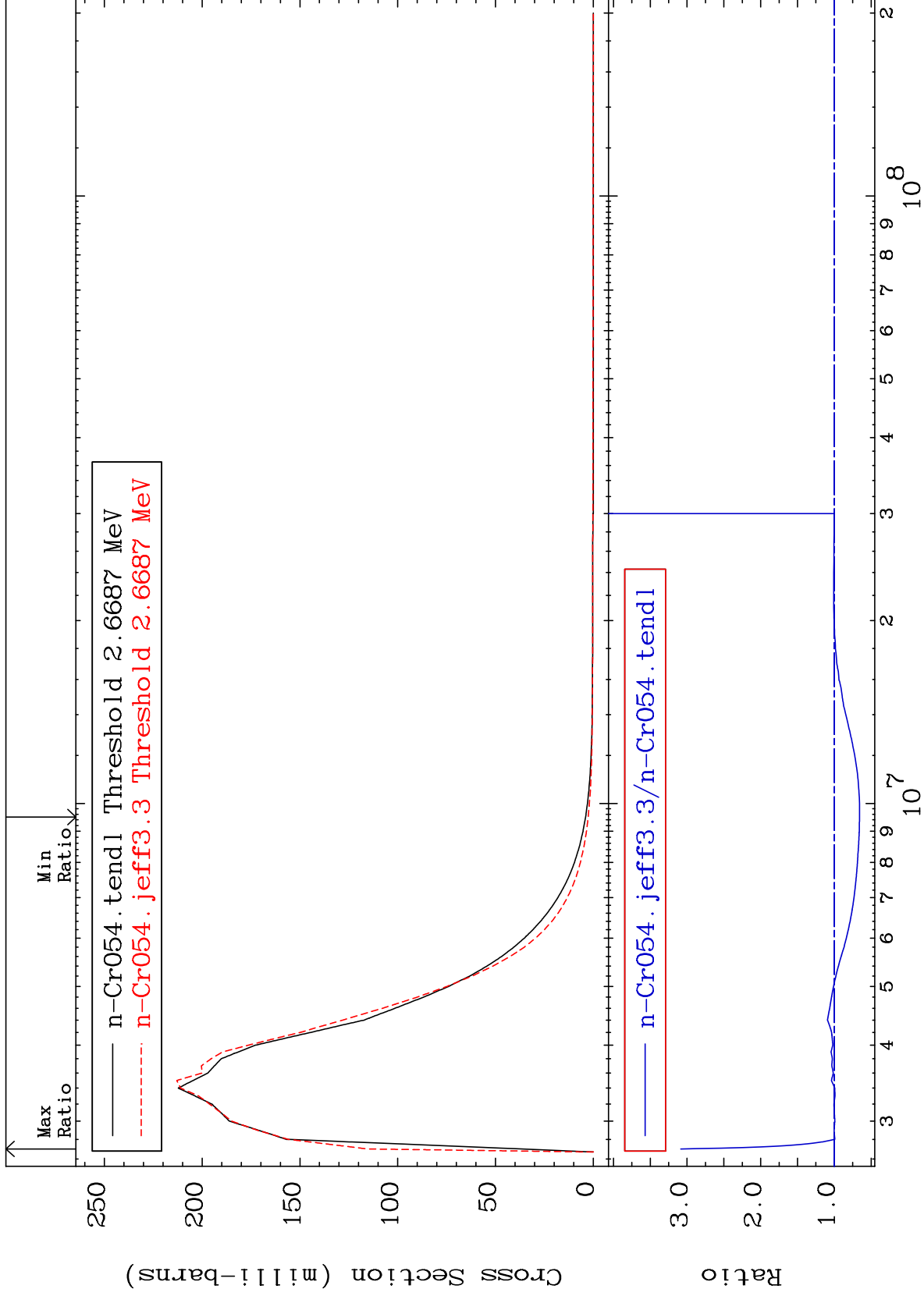
24-Cr-54

24-Cr-54

MAT 2437

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

24-Cr-54
-34.23 To 208.5 %



7

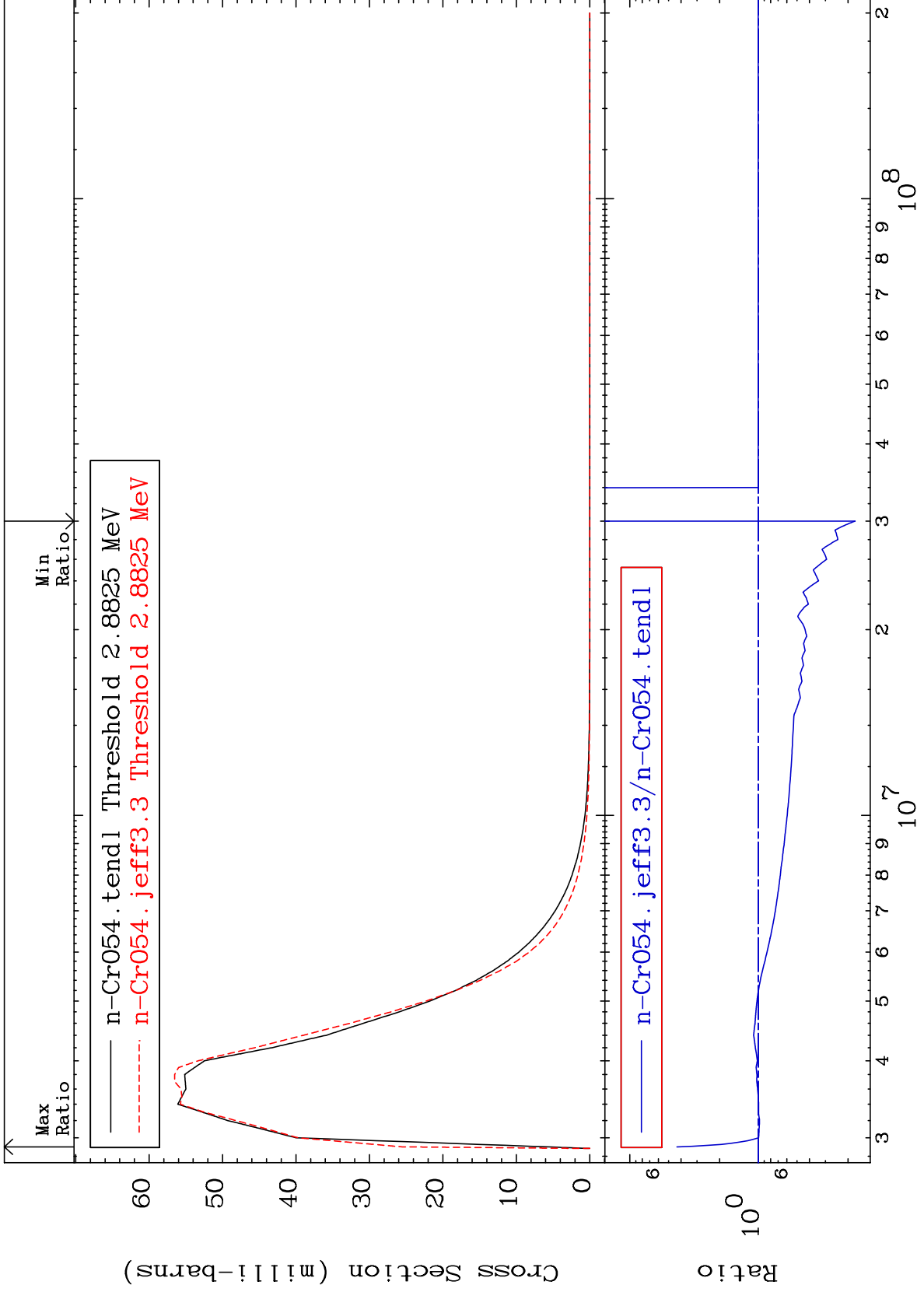
Incident Energy (eV)

24-Cr-54

MAT 2437

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

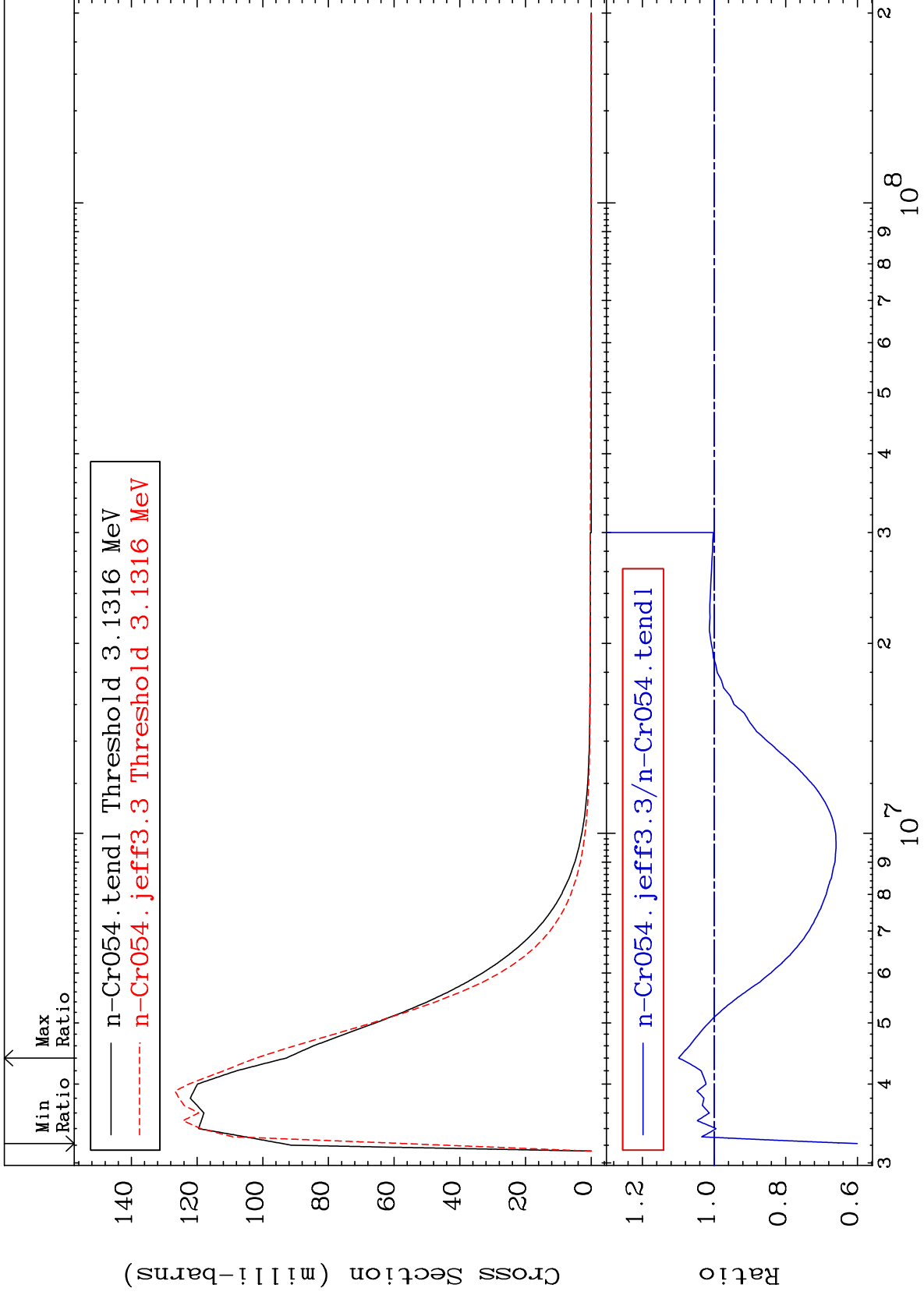
²⁴Cr-54
-82.38 To 329.8 %



MAT 2437

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

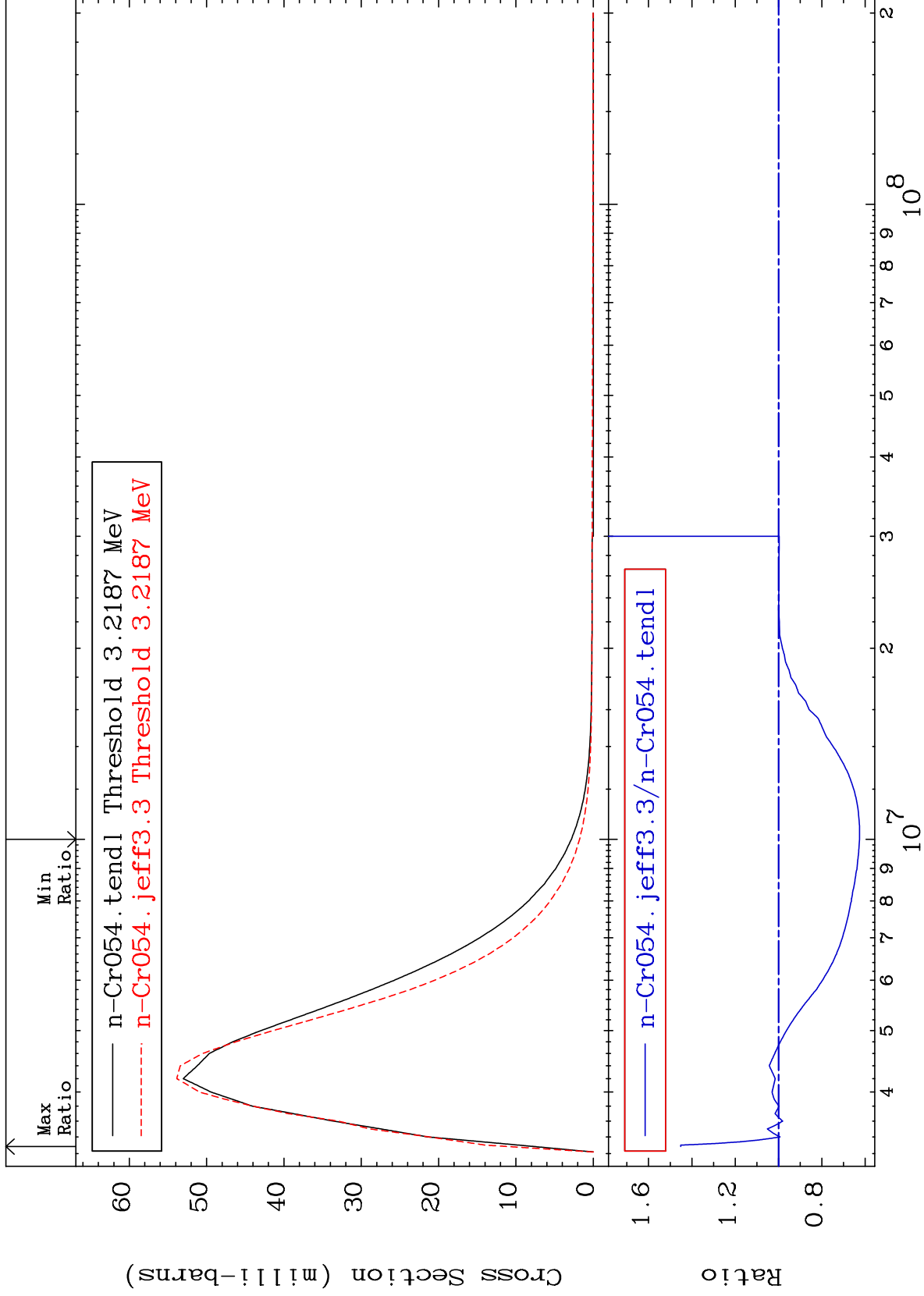
24-Cr-54
-39.95 To 9.896 %



MAT 2437

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

24-Cr-54
-37.36 To 45.13 %



10

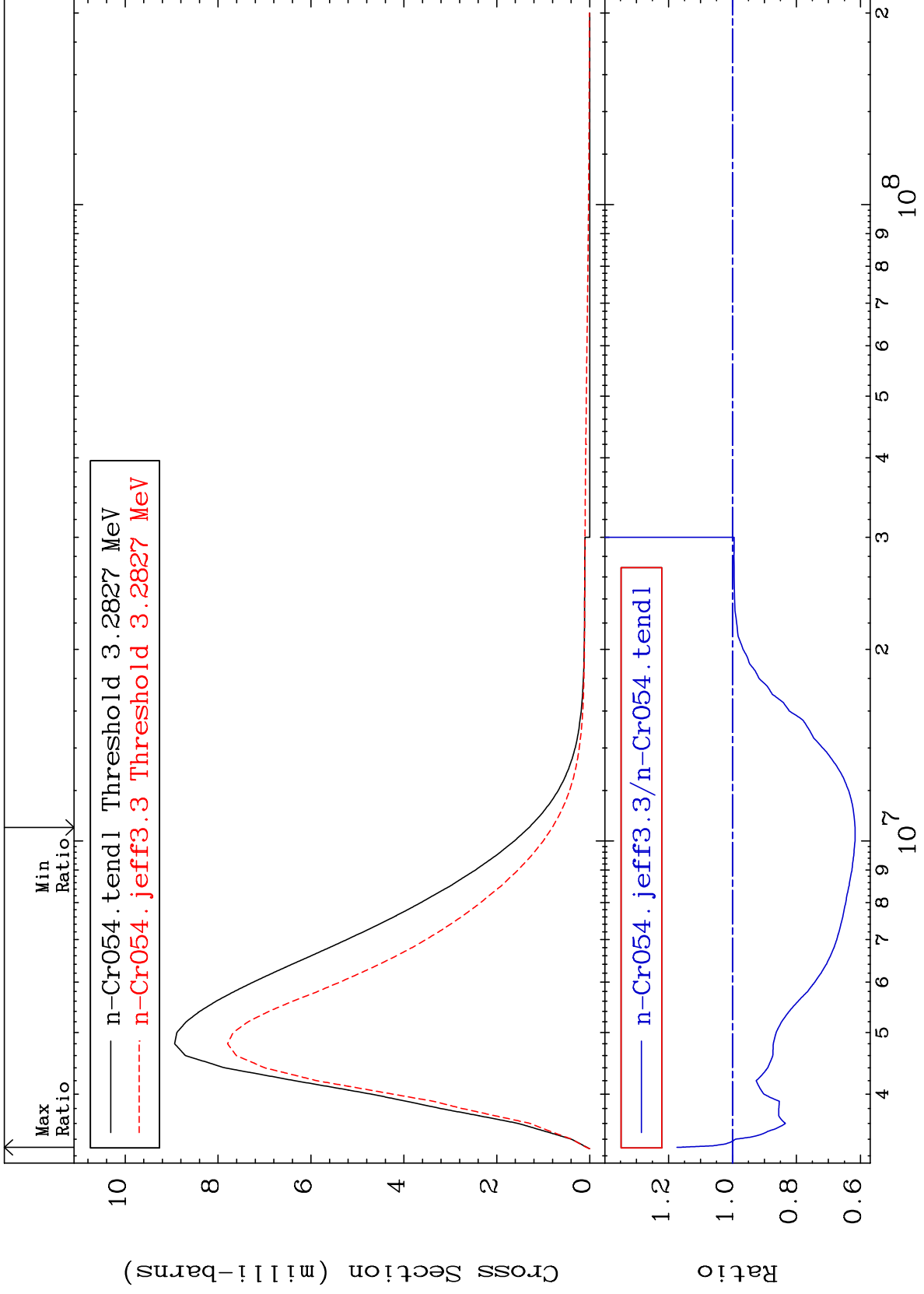
Incident Energy (eV)

24-Cr-54

MAT 2437

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

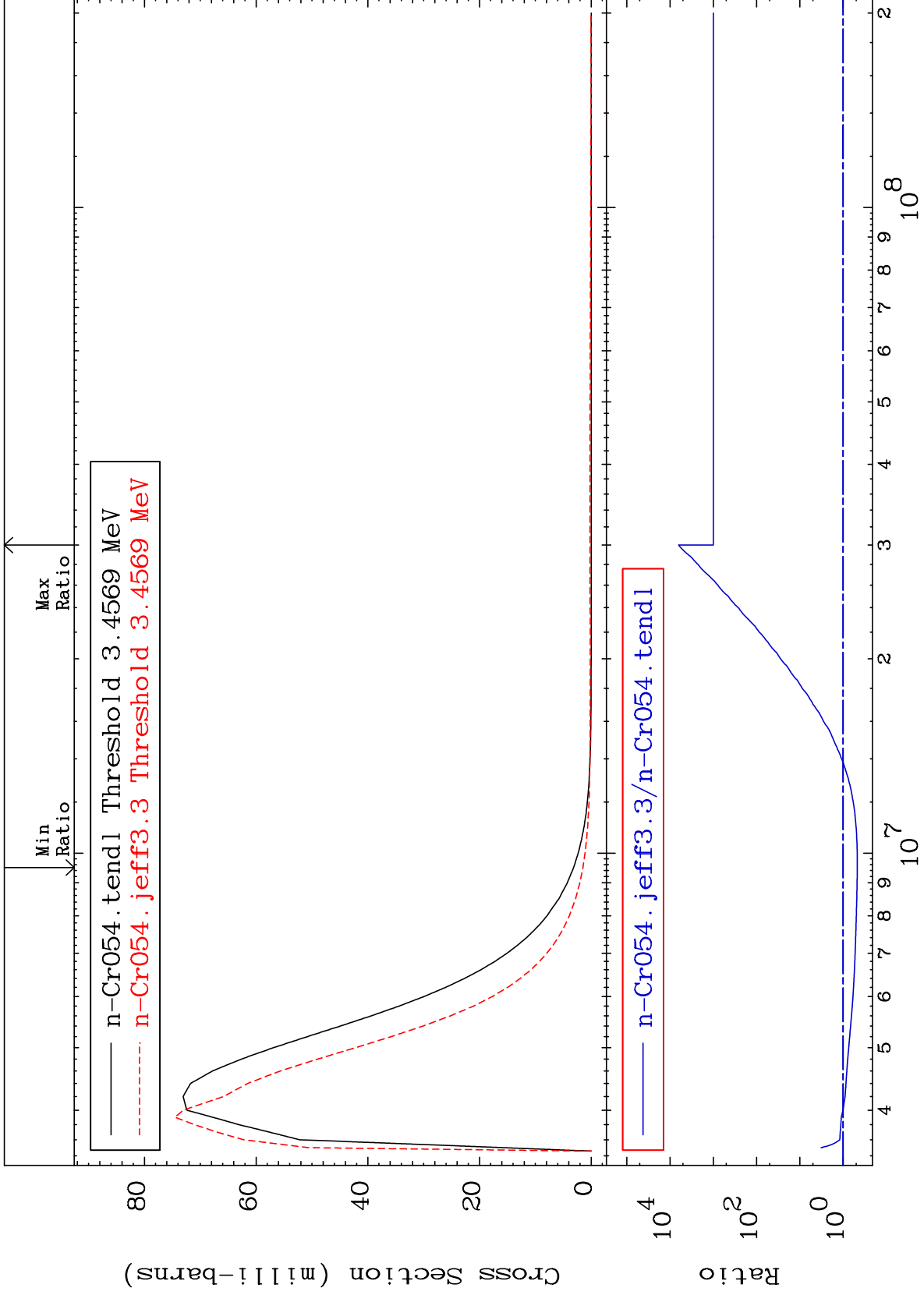
24-Cr-54
-38.34 To 17.36 %



MAT 2437

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

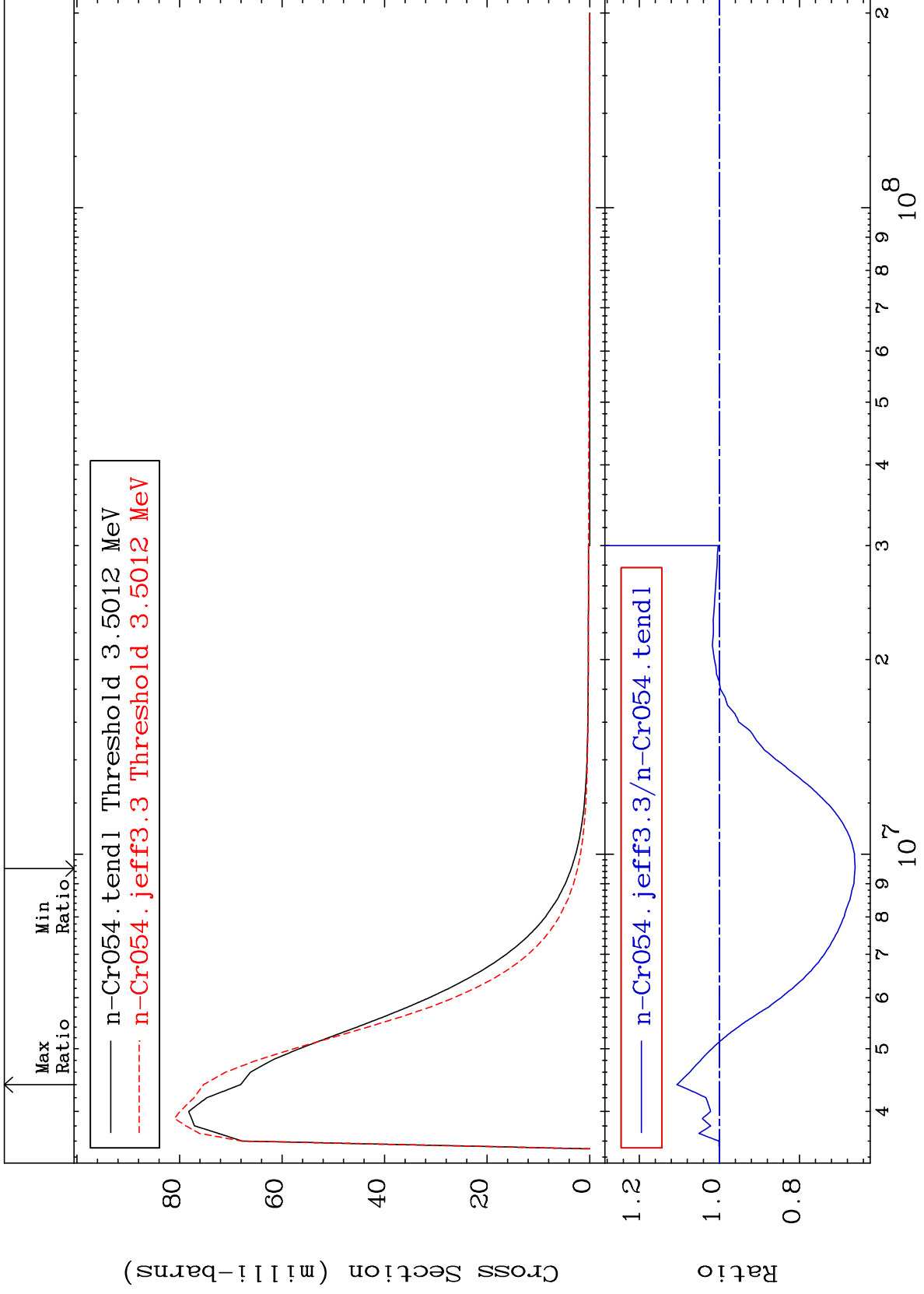
24-Cr-54
-52.91 To 9999. %



MAT 2437

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

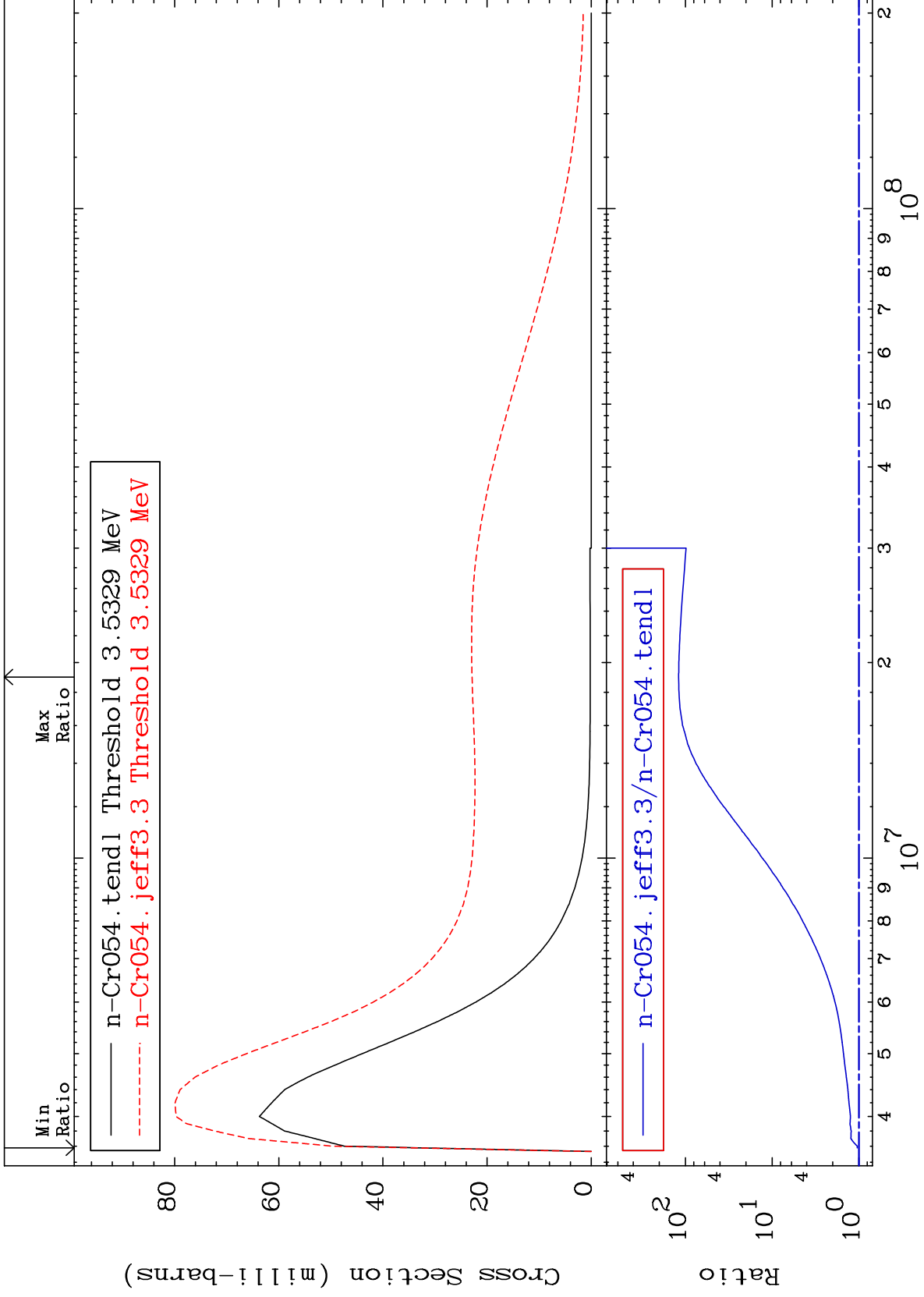
24-Cr-54
-33.91 To 10.60 %



MAT 2437

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

24-Cr-54
4.521 To 9999. %



14

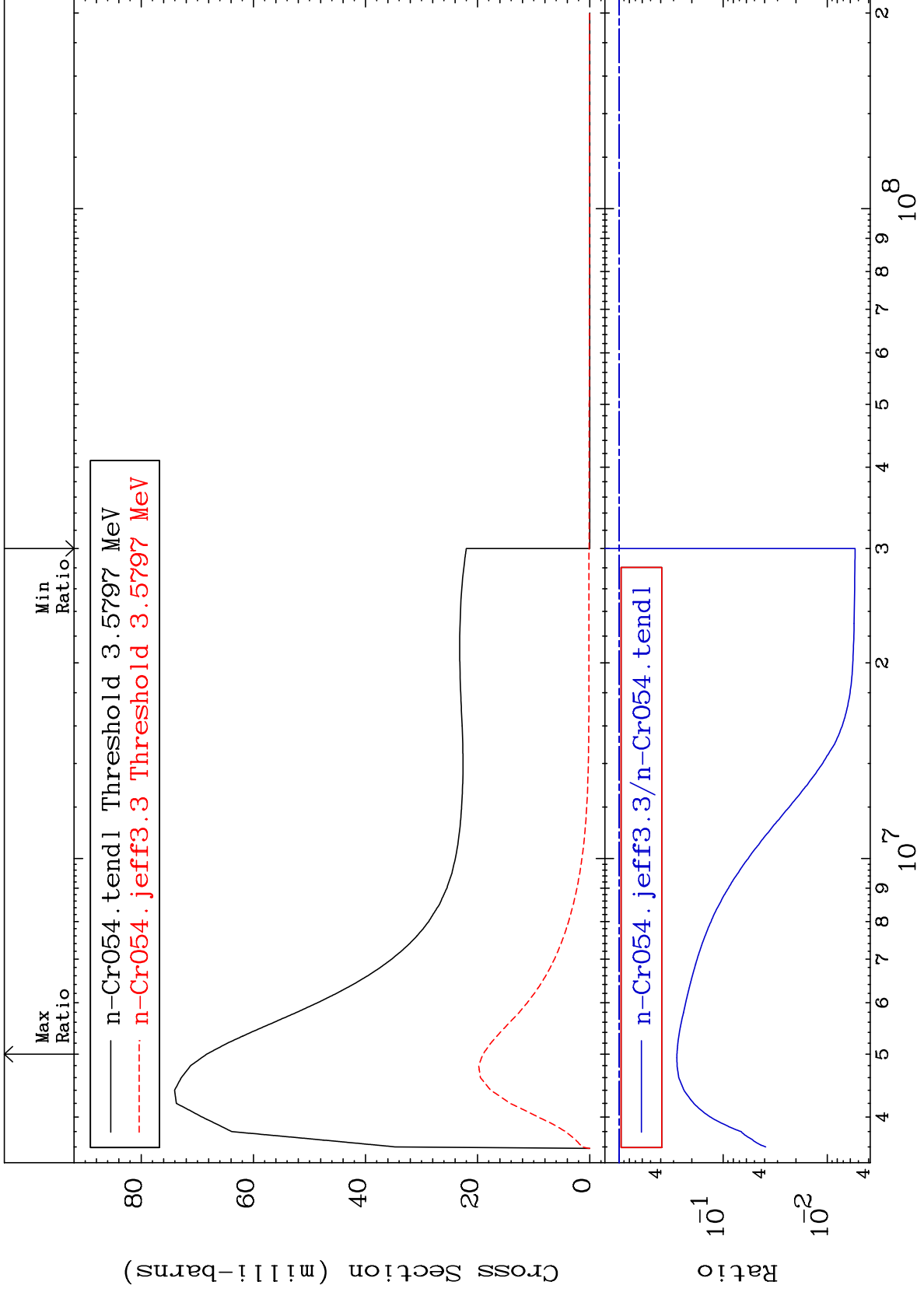
Incident Energy (eV)

24-Cr-54

MAT 2437

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

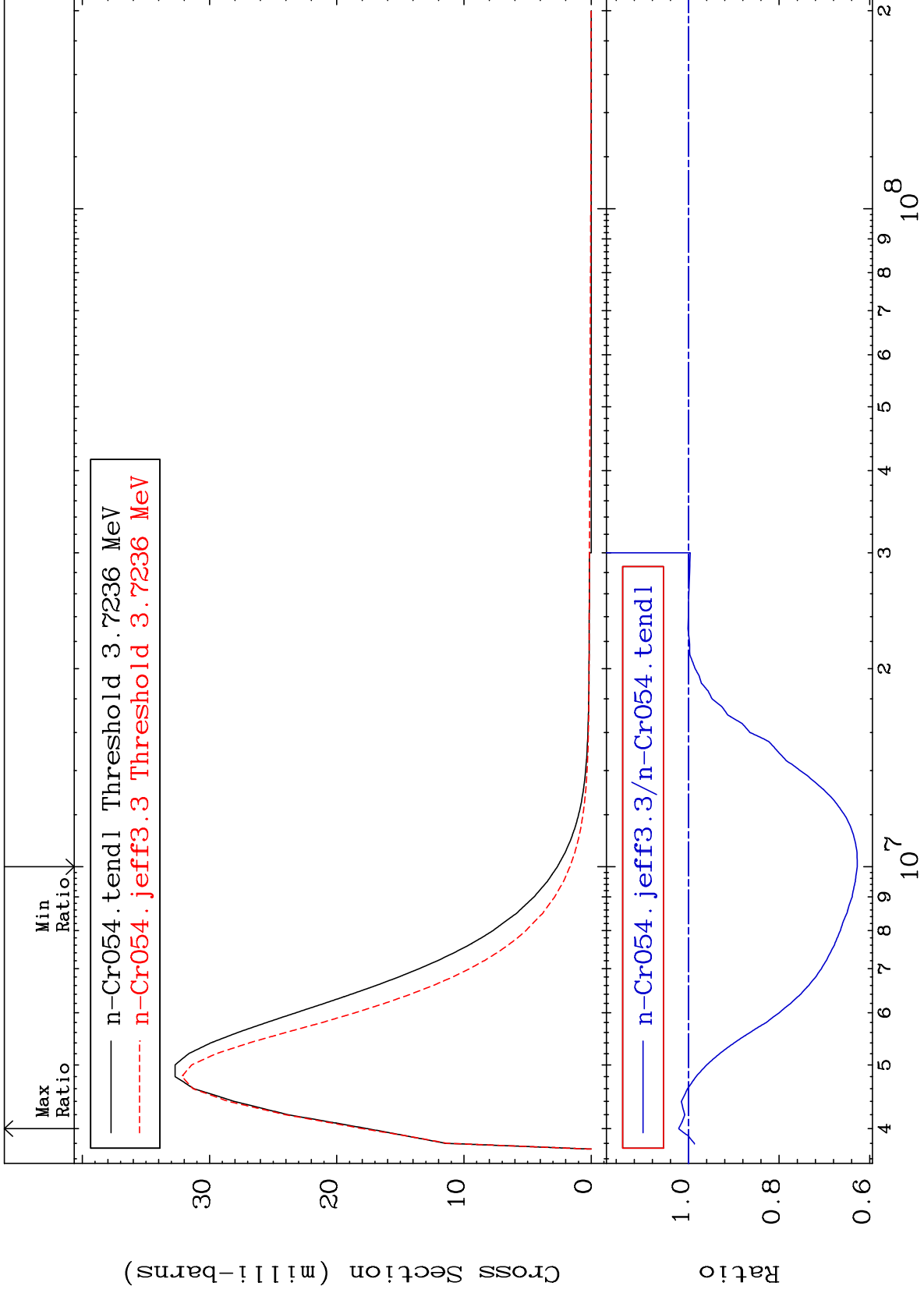
²⁴Cr-54
-99.46 To -72.13%



MAT 2437

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

24-Cr-54
-37.25 To 2.198 %



16

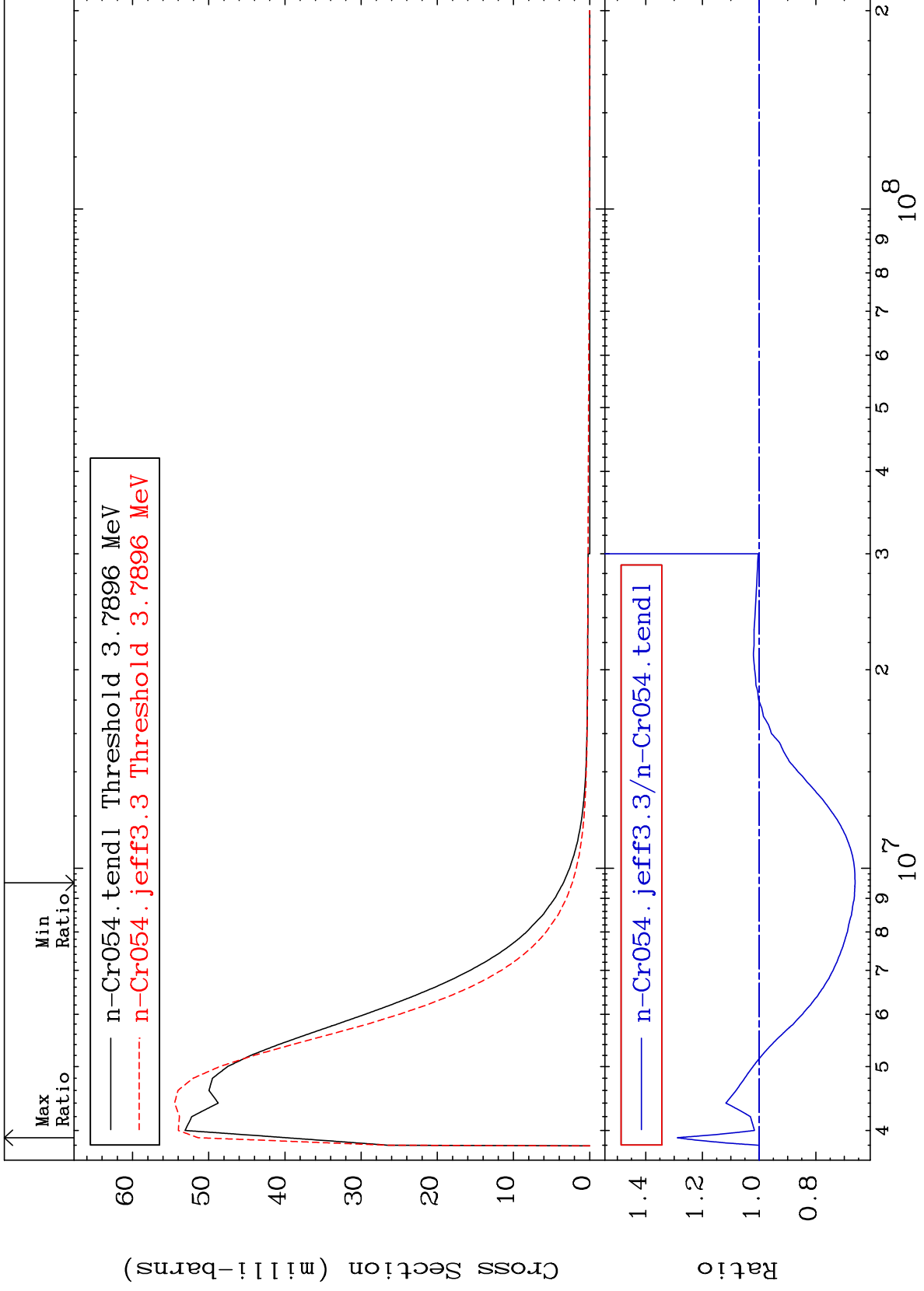
Incident Energy (eV)

24-Cr-54

MAT 2437

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

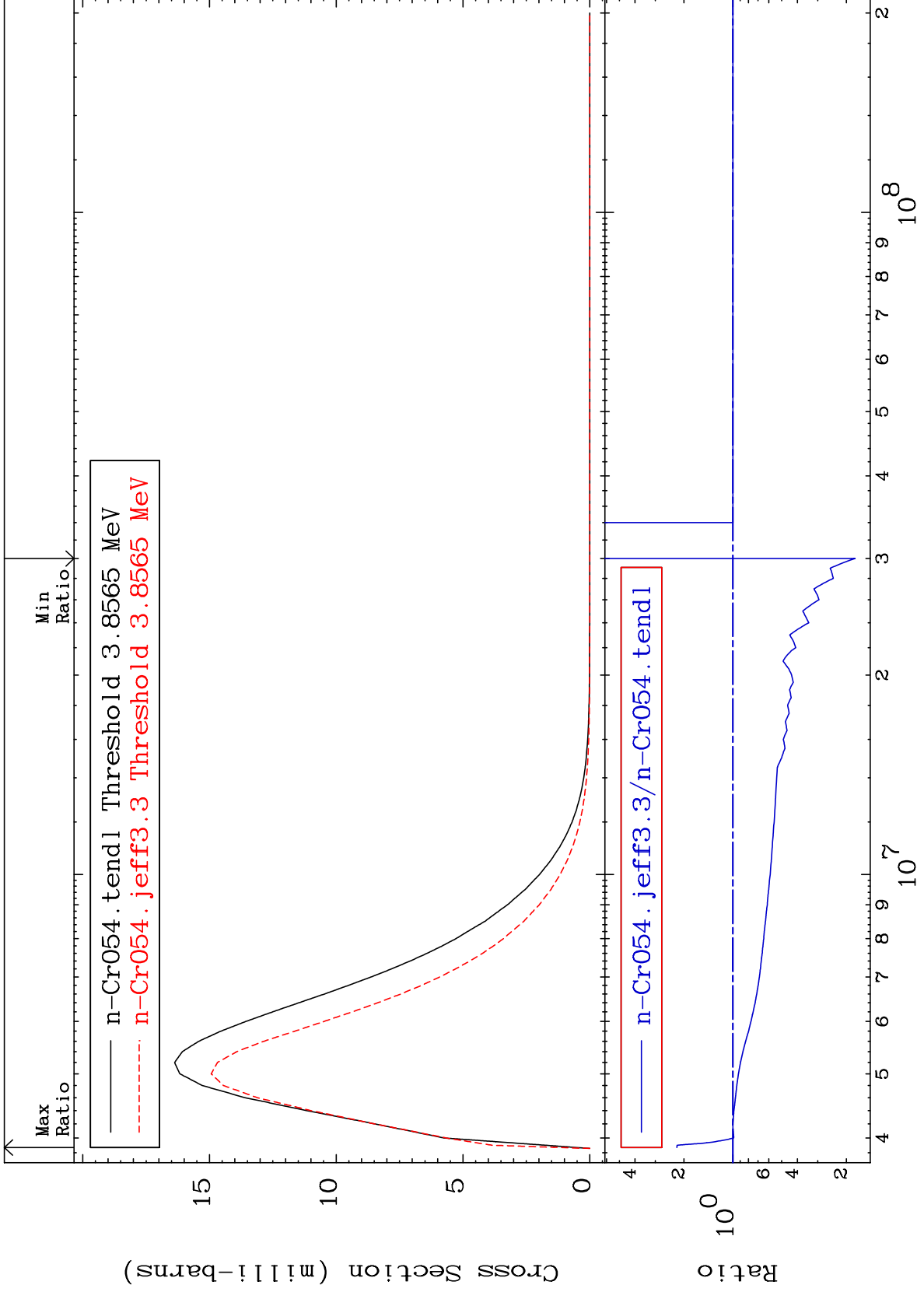
24-Cr-54
-33.79 To 29.00 %



MAT 2437

MT= 64 (n,n') Level
Cross Section

24-Cr-54
-82.35 To 120.9 %



18

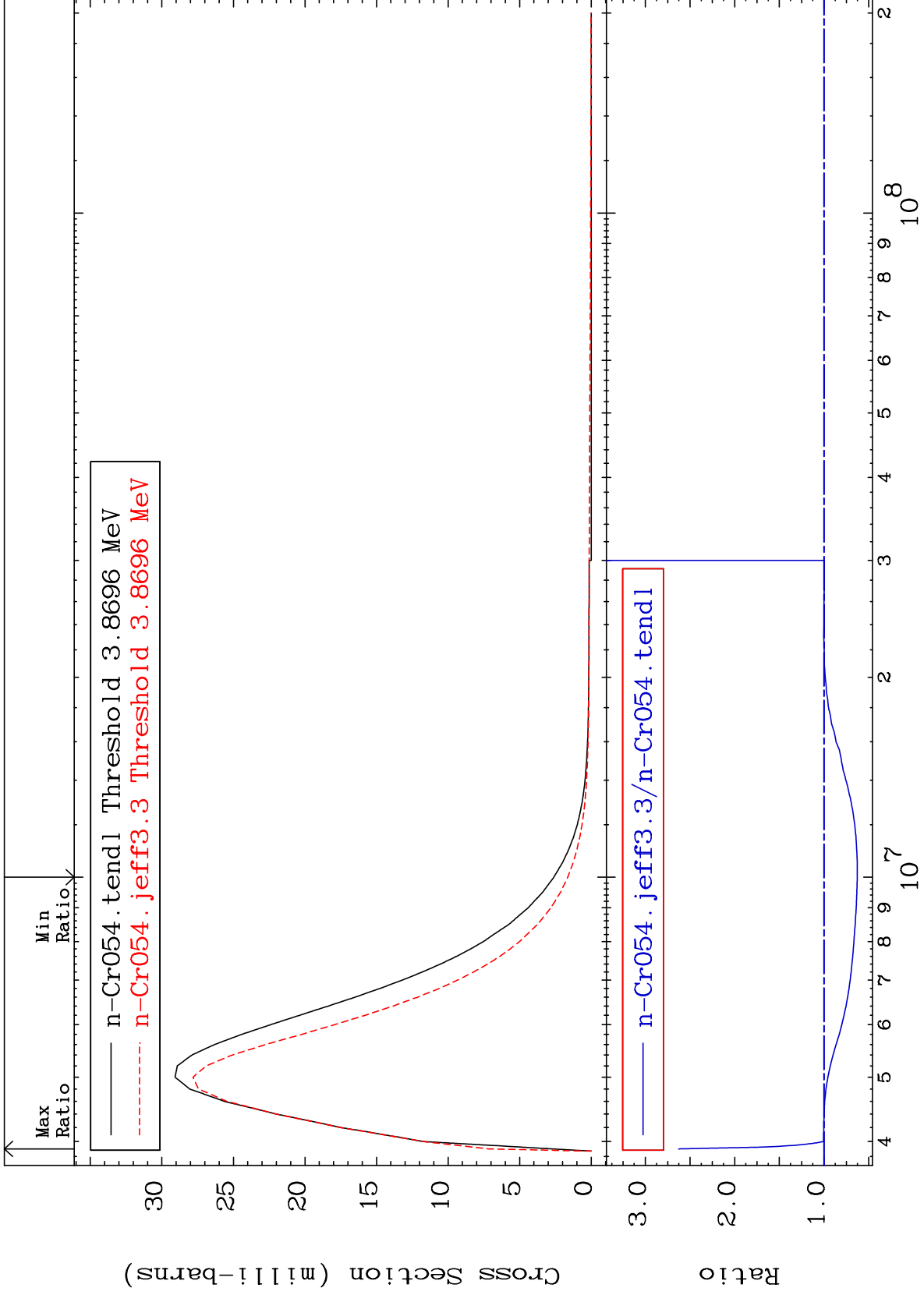
24-Cr-54

24-Cr-54

MAT 2437

MT= 65 (n,n') Level
Cross Section

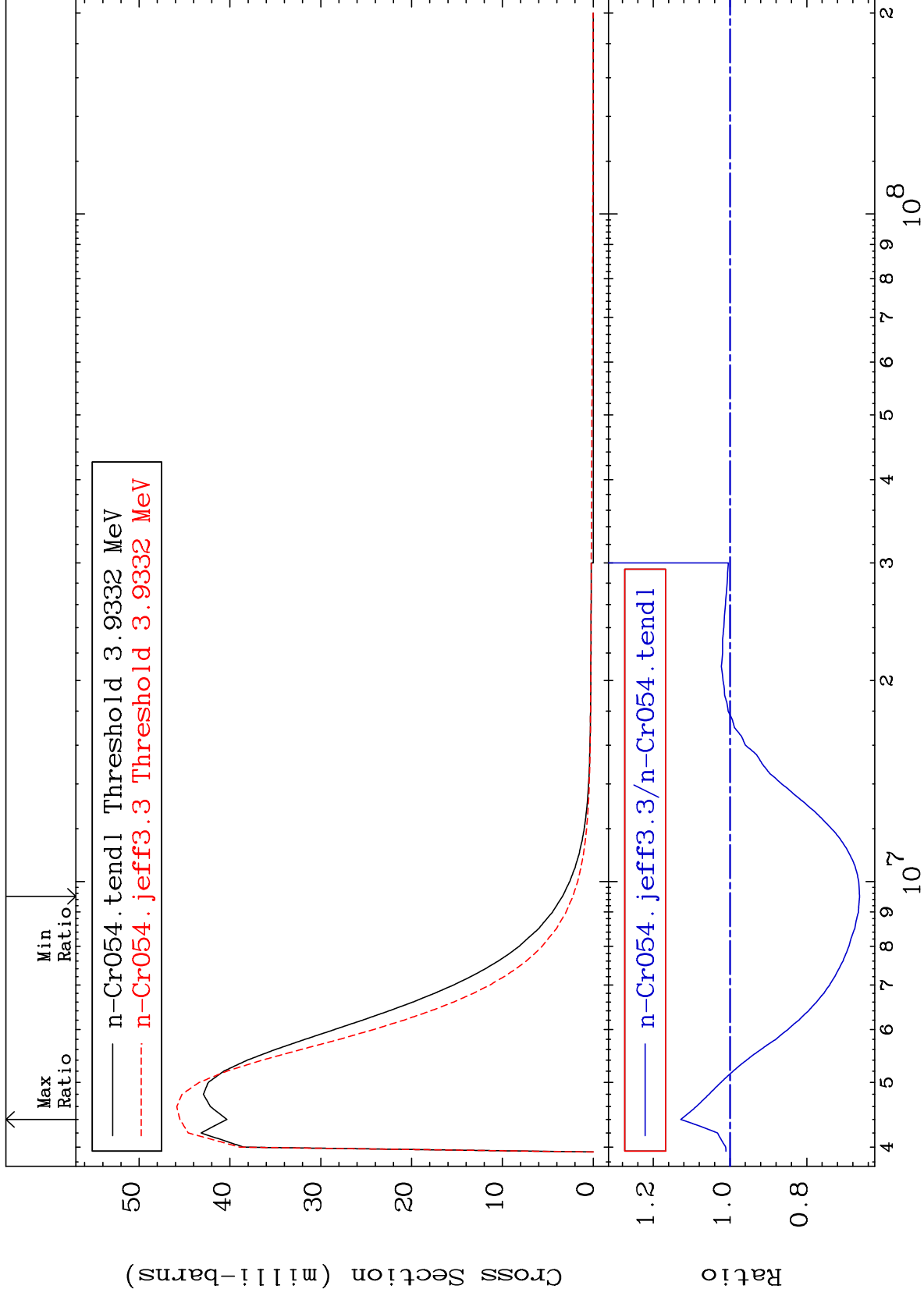
24-Cr-54
-37.22 To 162.7 %



MAT 2437

MT= 66 (n,n') Level
Cross Section

²⁴Cr-54
-33.74 To 12.82 %



20

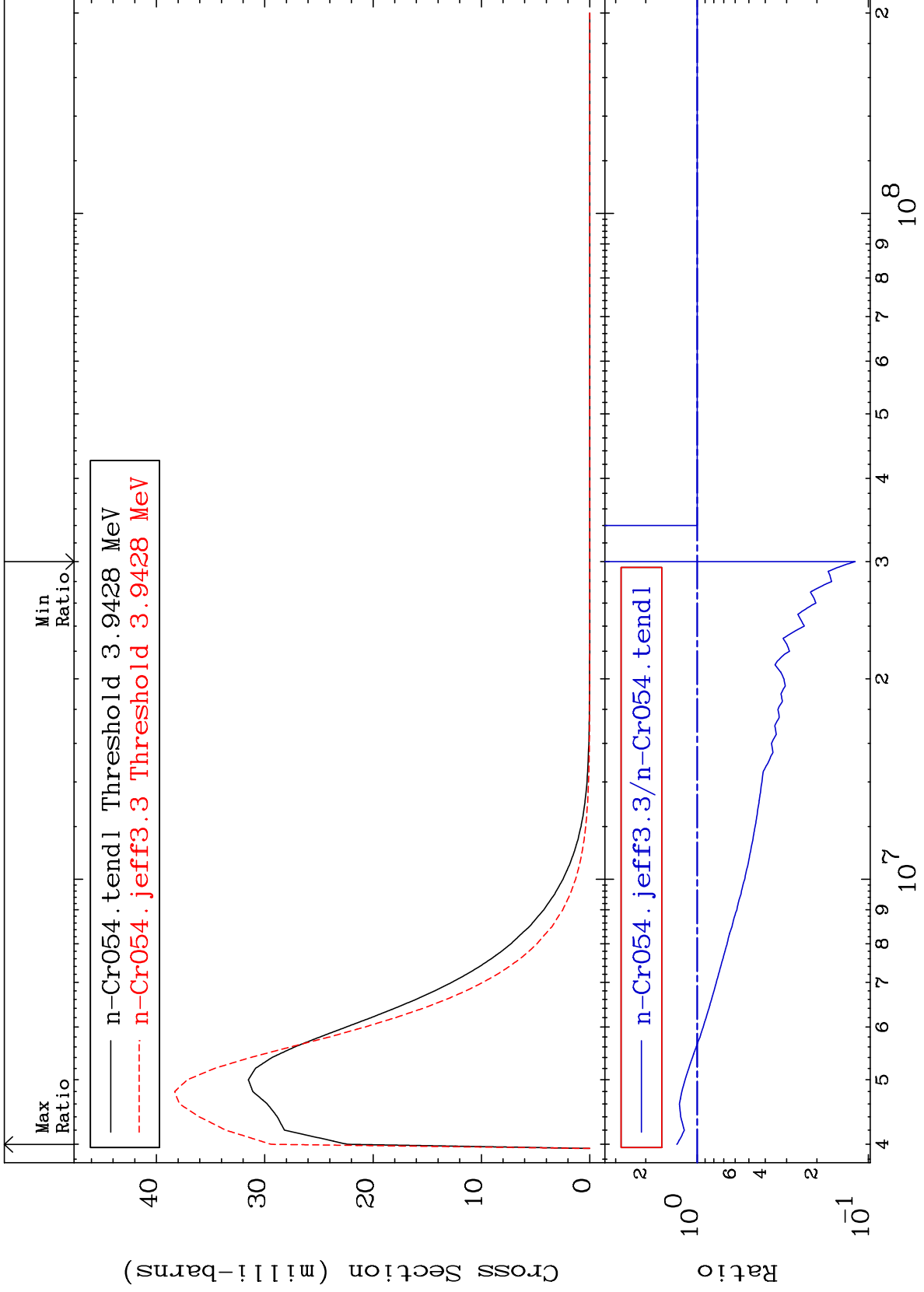
Incident Energy (eV)

²⁴Cr-54

MAT 2437

MT= 67 (n,n') Level
Cross Section

24-Cr-54
-88.05 To 31.56 %



21

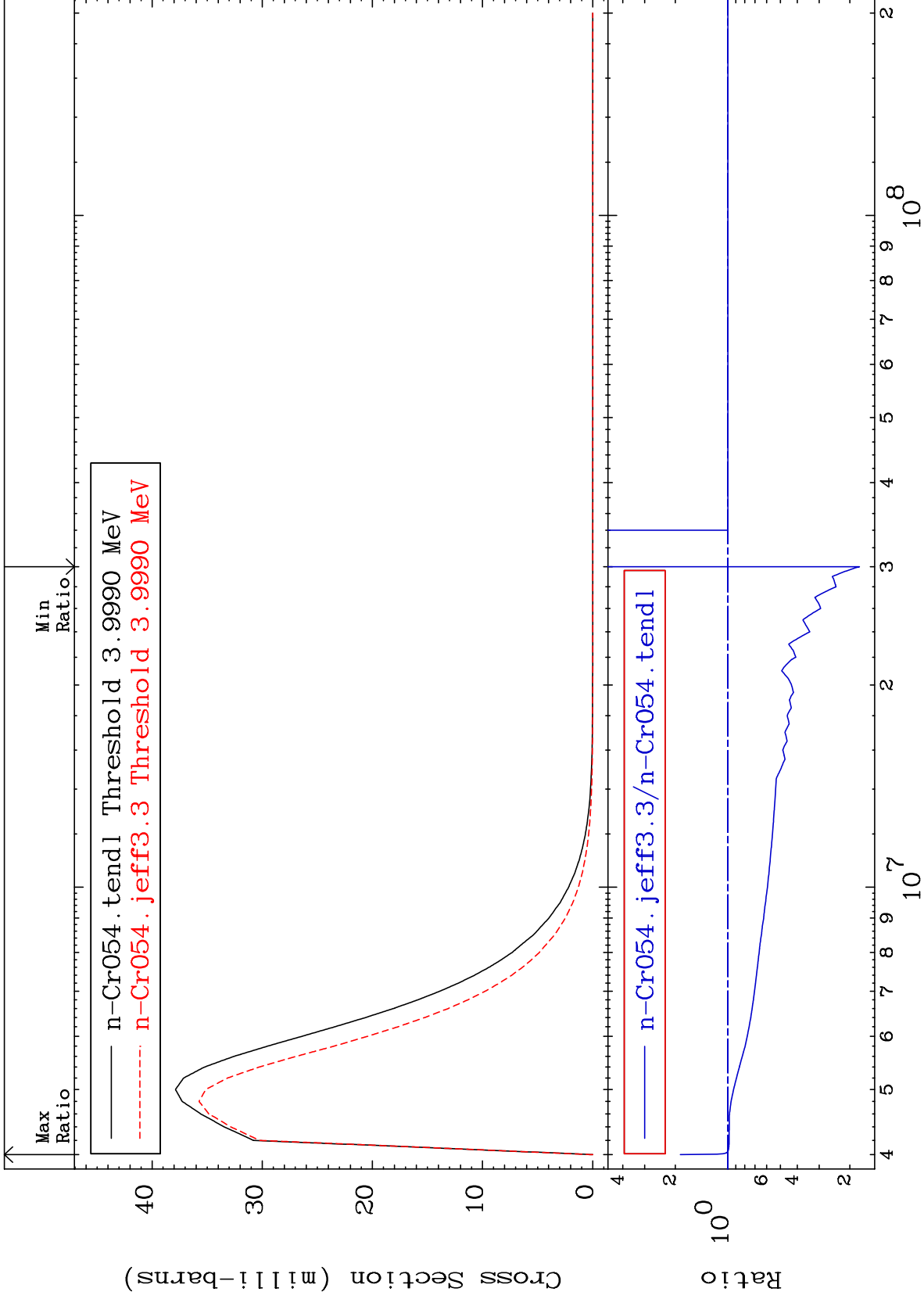
24-Cr-54

24-Cr-54

MAT 2437

MT= 68 (n,n') Level
Cross Section

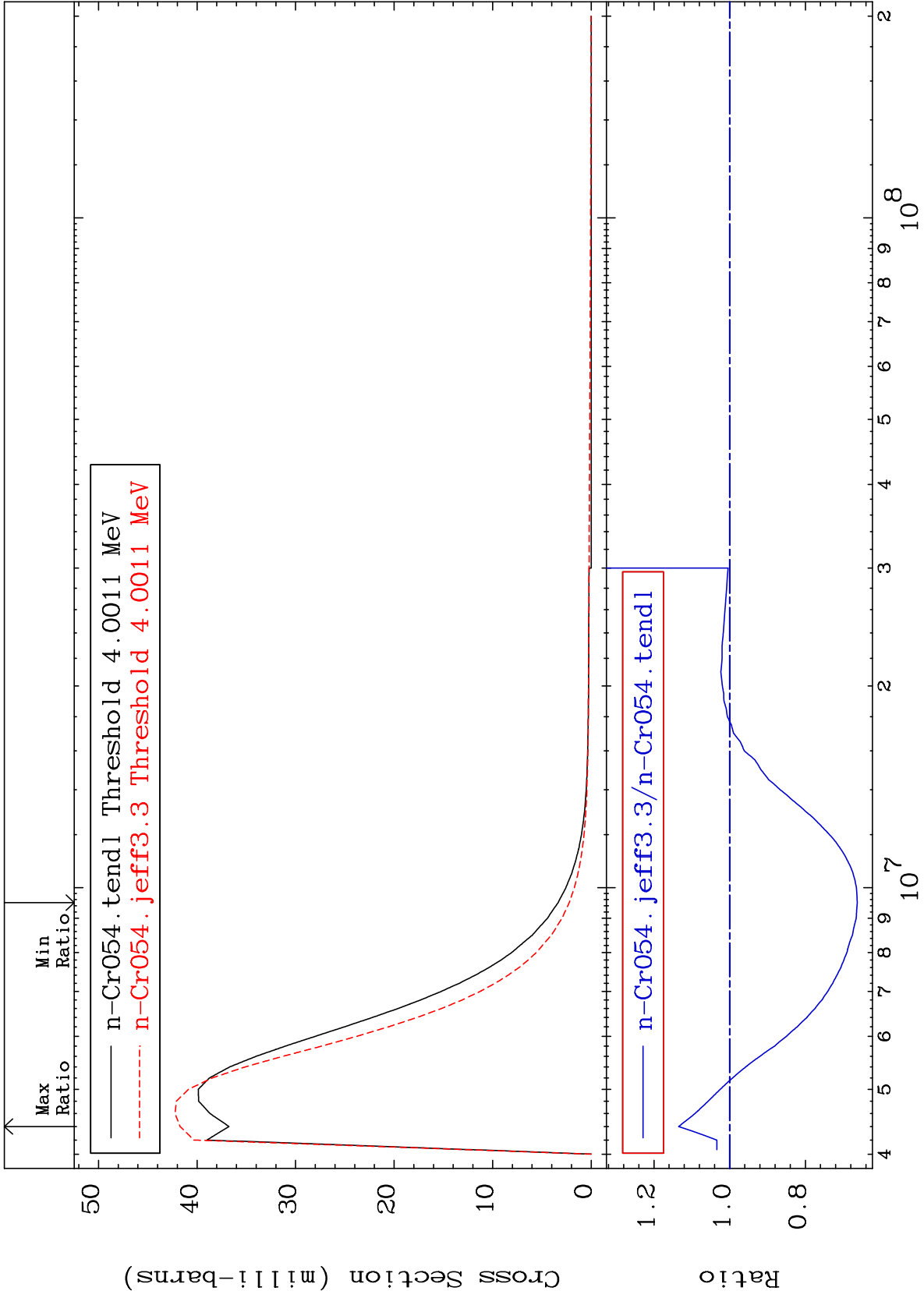
24-Cr-54
-82.38 To 87.14 %



MAT 2437

MT= 69 (n,n') Level
Cross Section

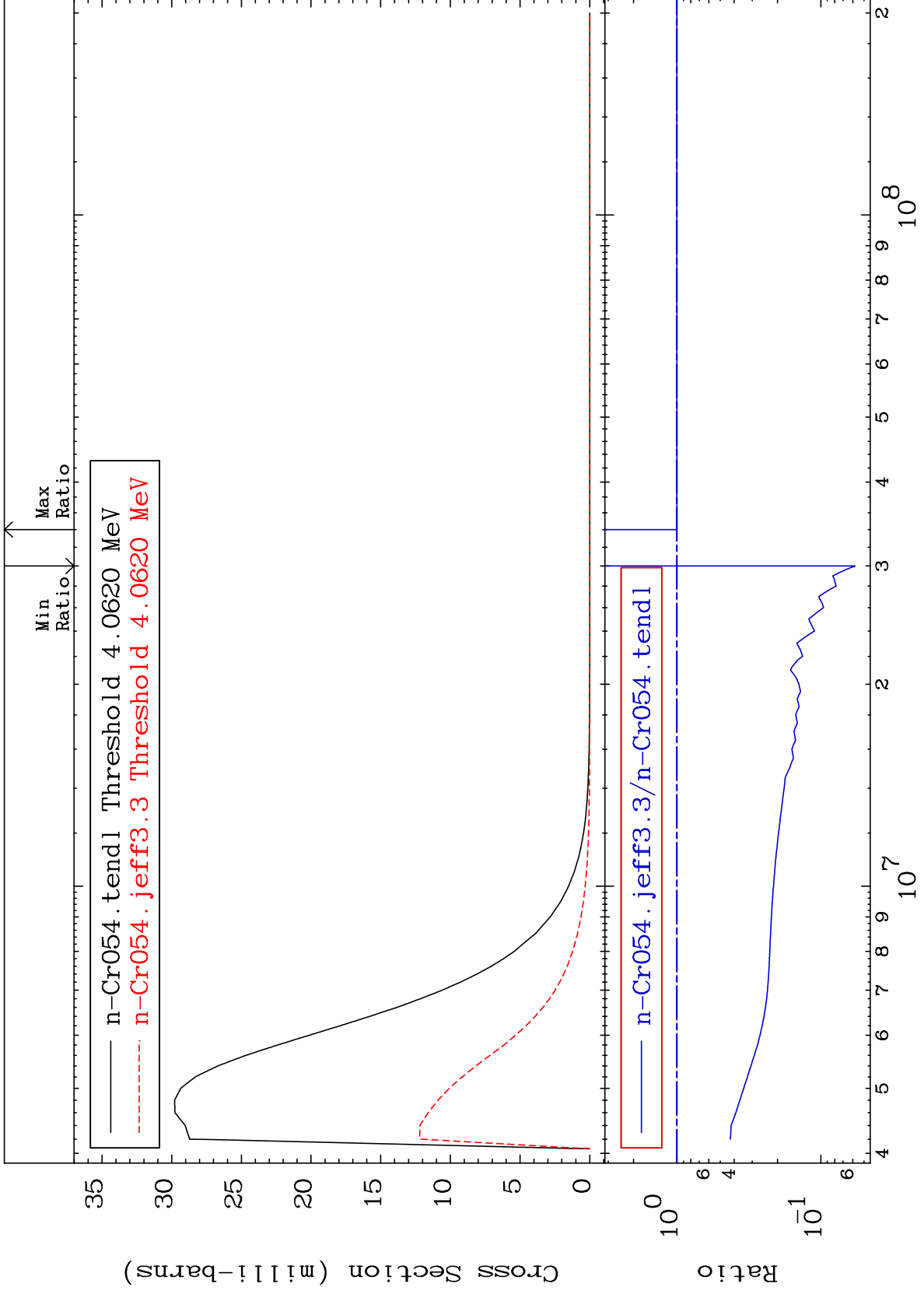
24-Cr-54
-33.71 To 13.48 %



MAT 2437

MT= 70 (n,n') Level
Cross Section

24-Cr-54
-94.23 To 0.000 %



24

24-Cr-54

24-Cr-54

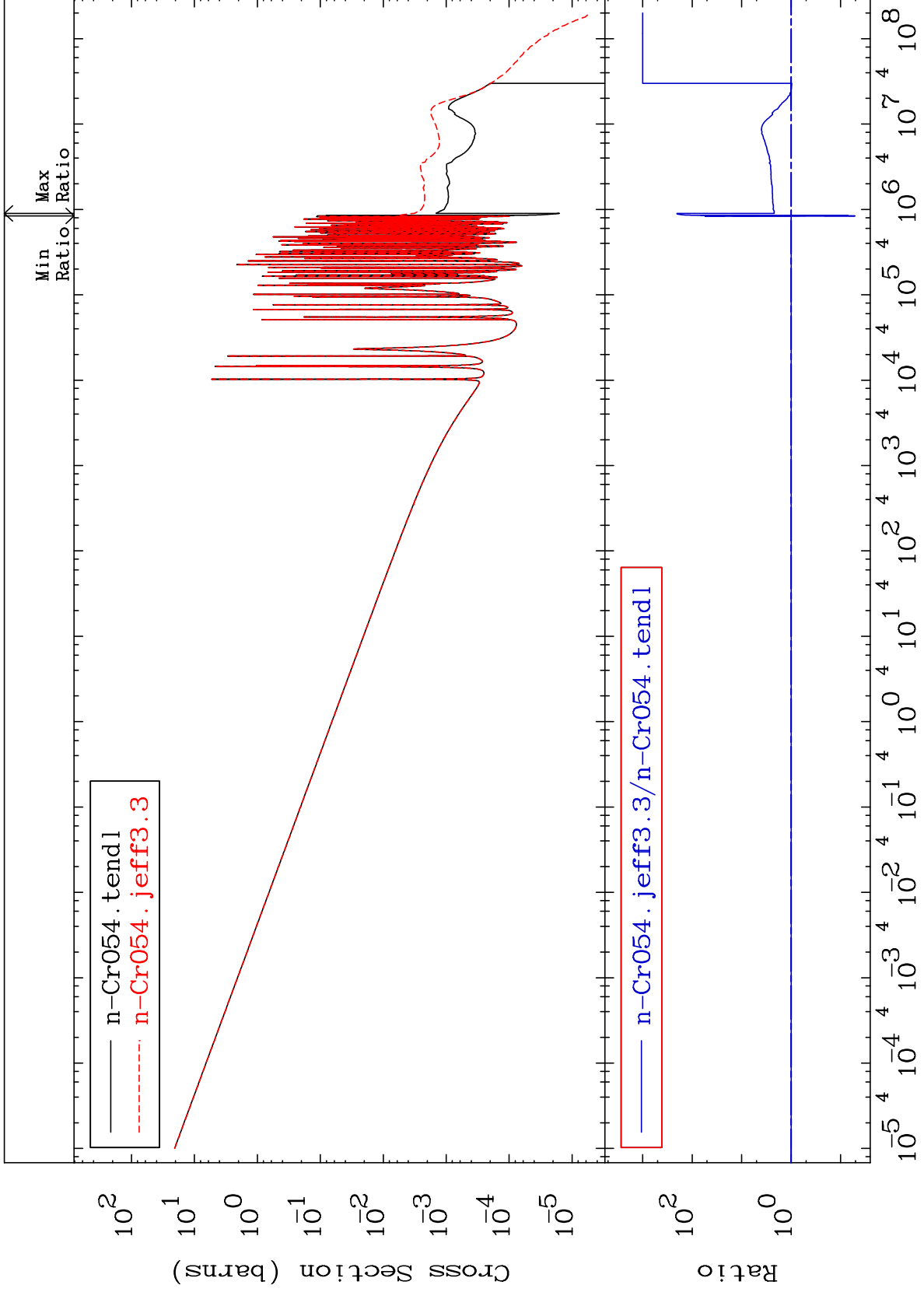
MAT 2437

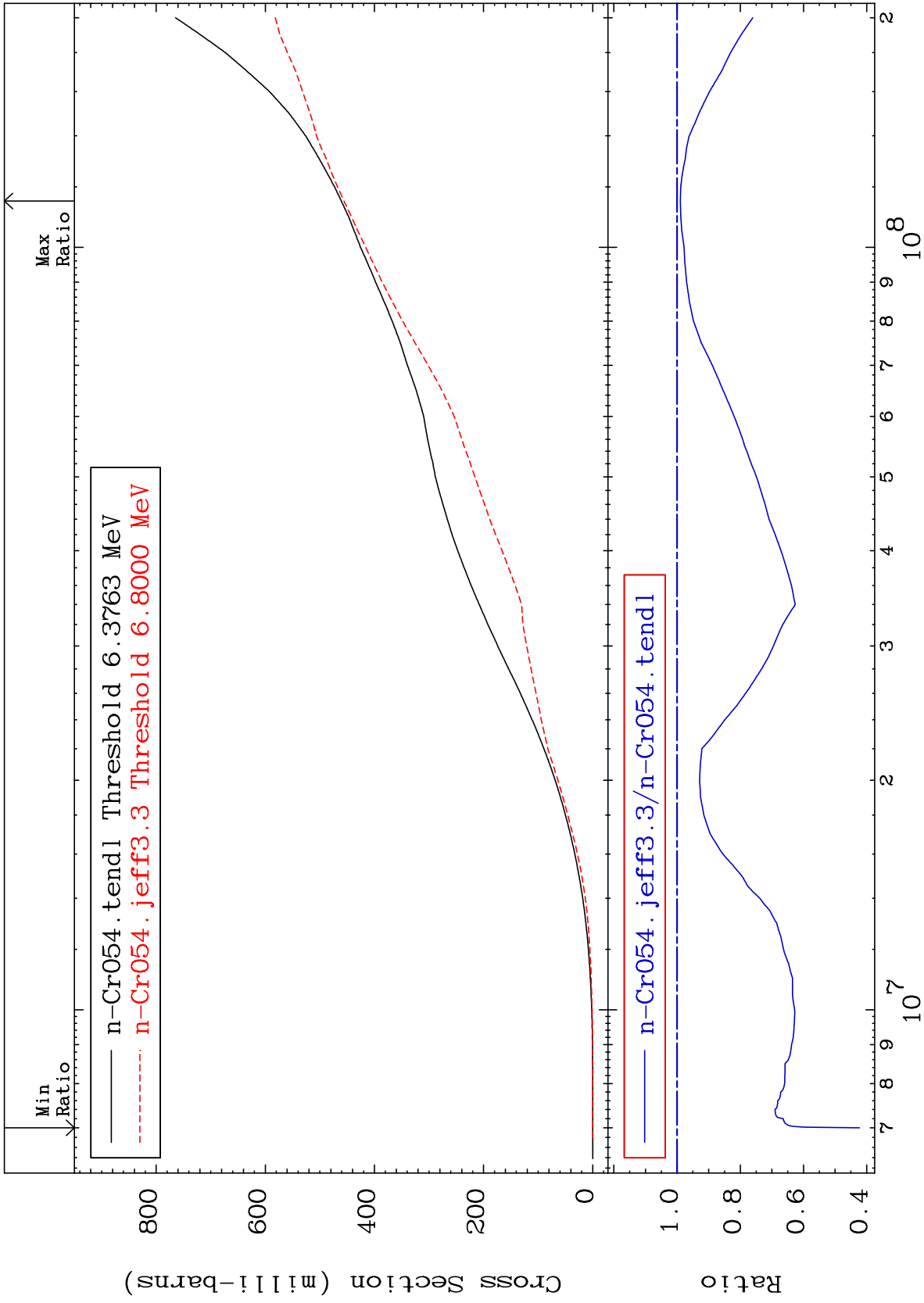
(n, γ)

Cross Section

²⁴Cr-54

-94.90 To 9999. %

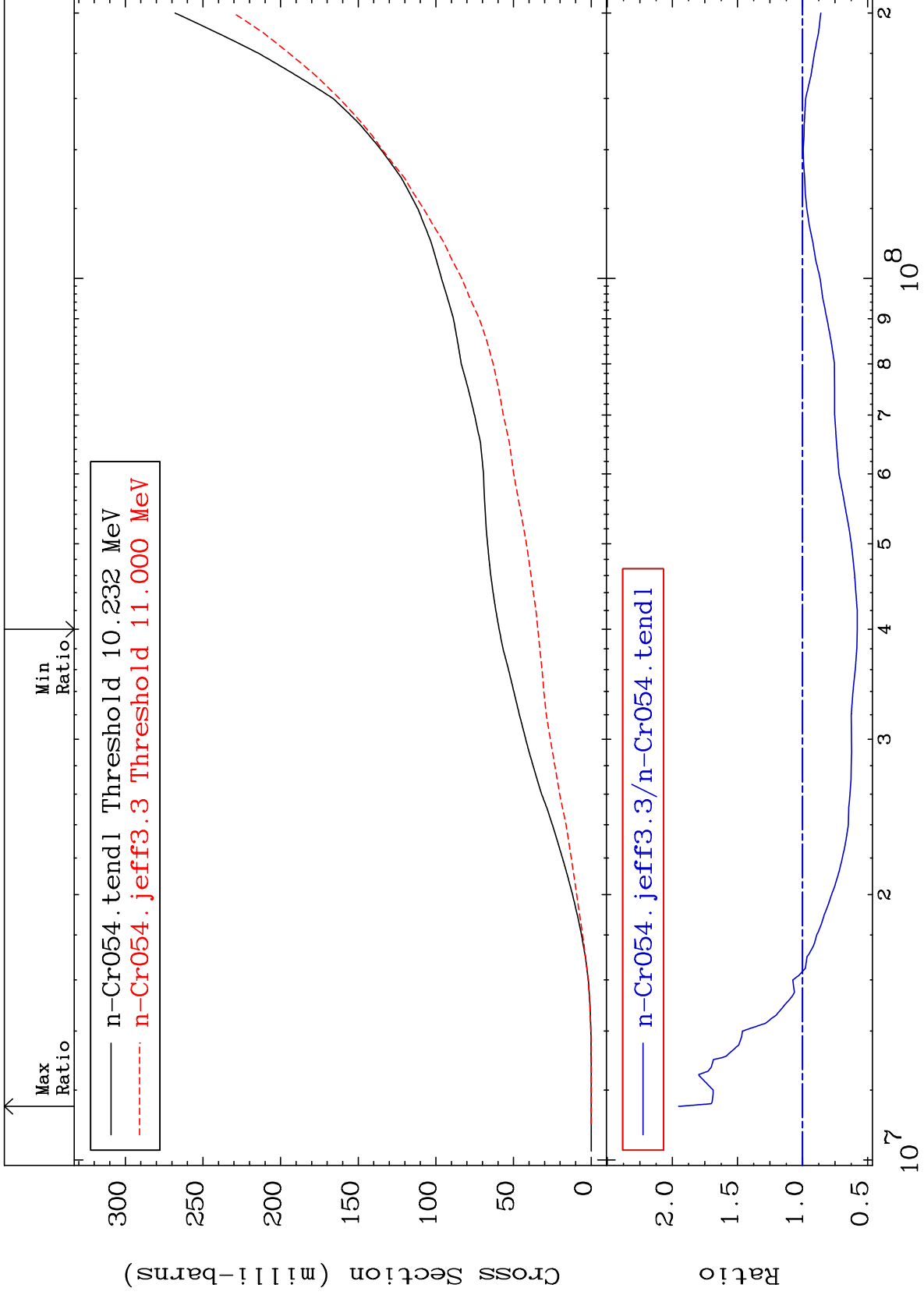




MAT 2437

Deuterium Production
Cross Section

²⁴Cr-54
-42.08 To 95.18 %



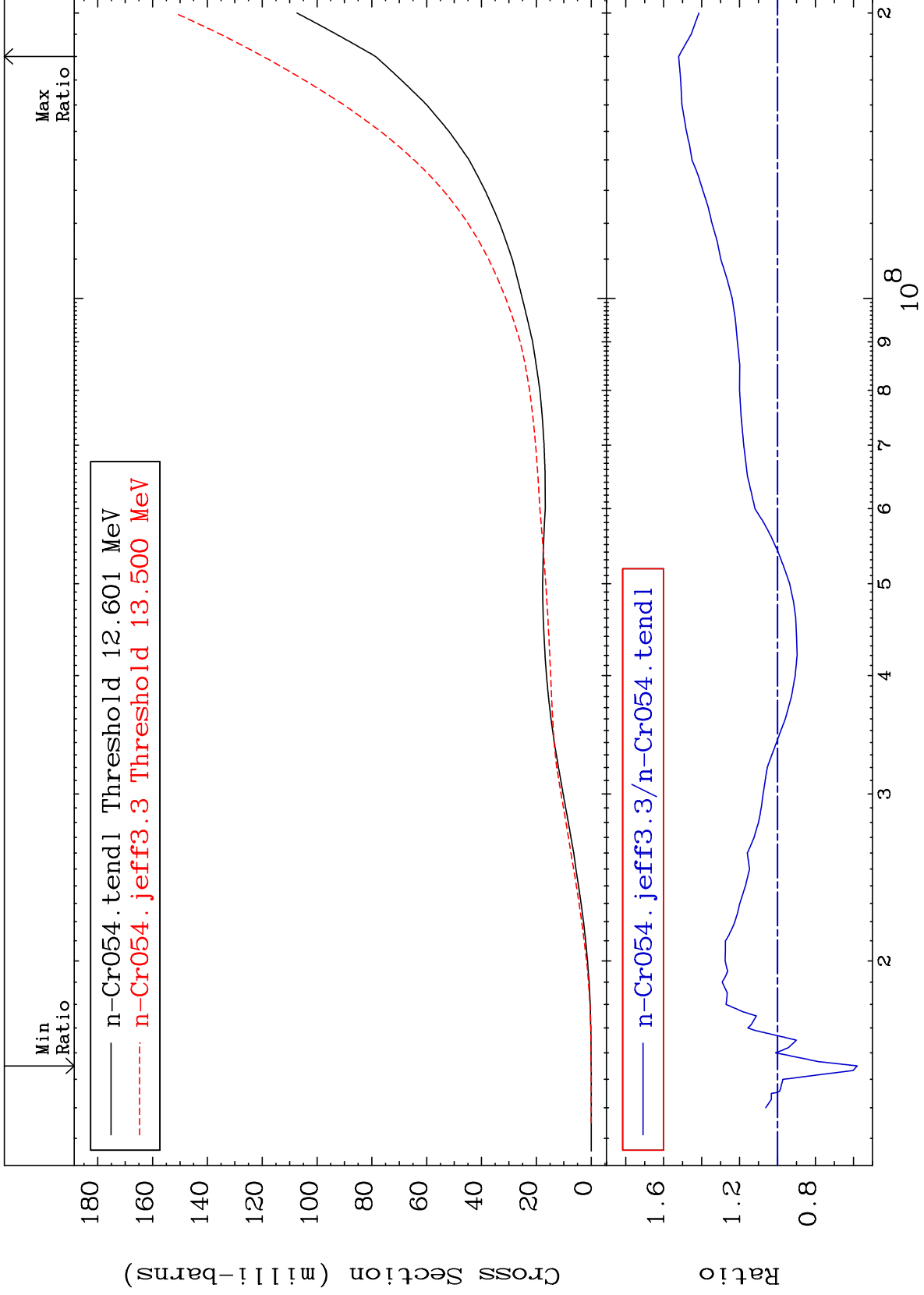
27

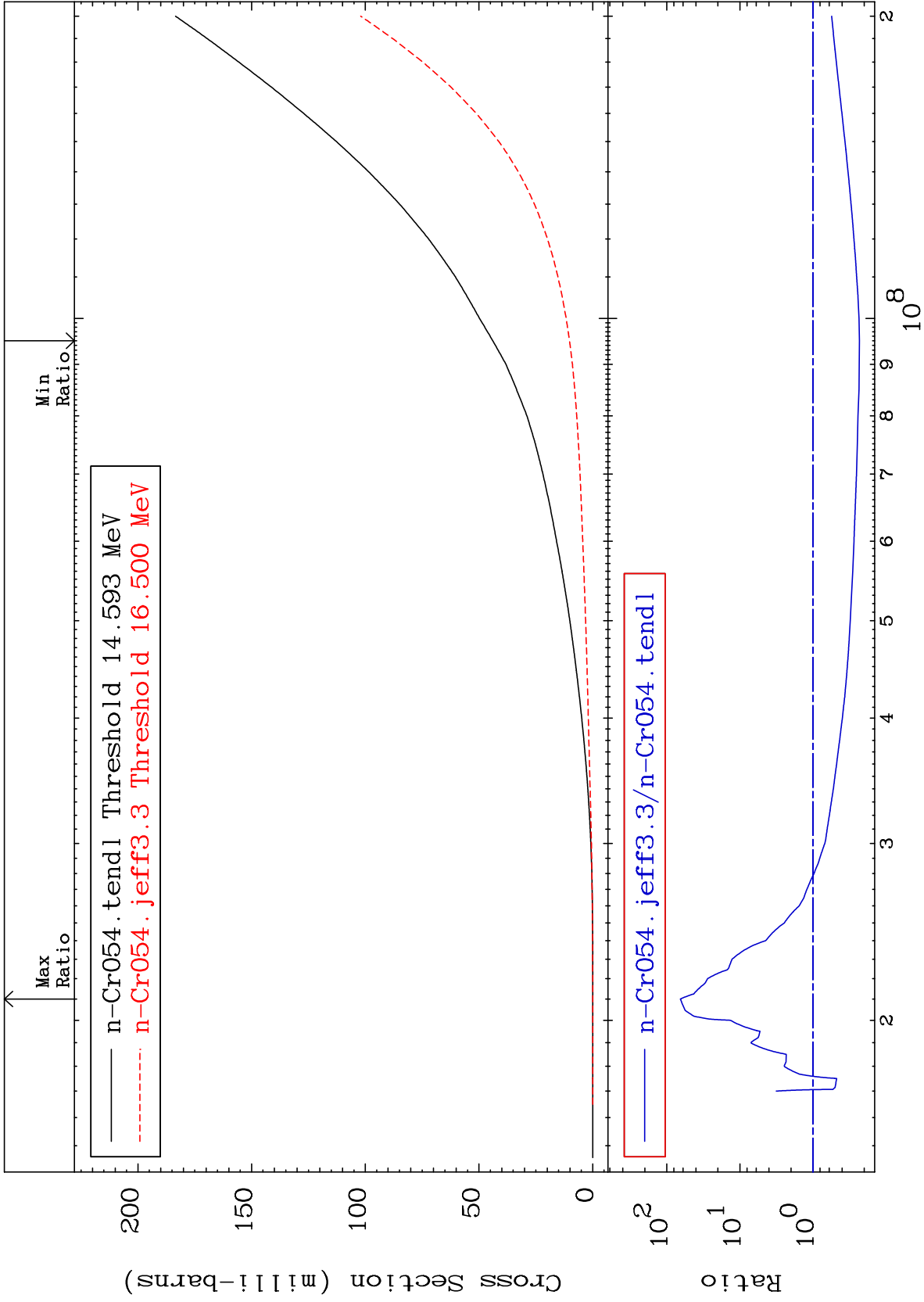
²⁴Cr-54

MAT 2437

Tritium Production
Cross Section

24-Cr-54
-42.01 To 52.10 %

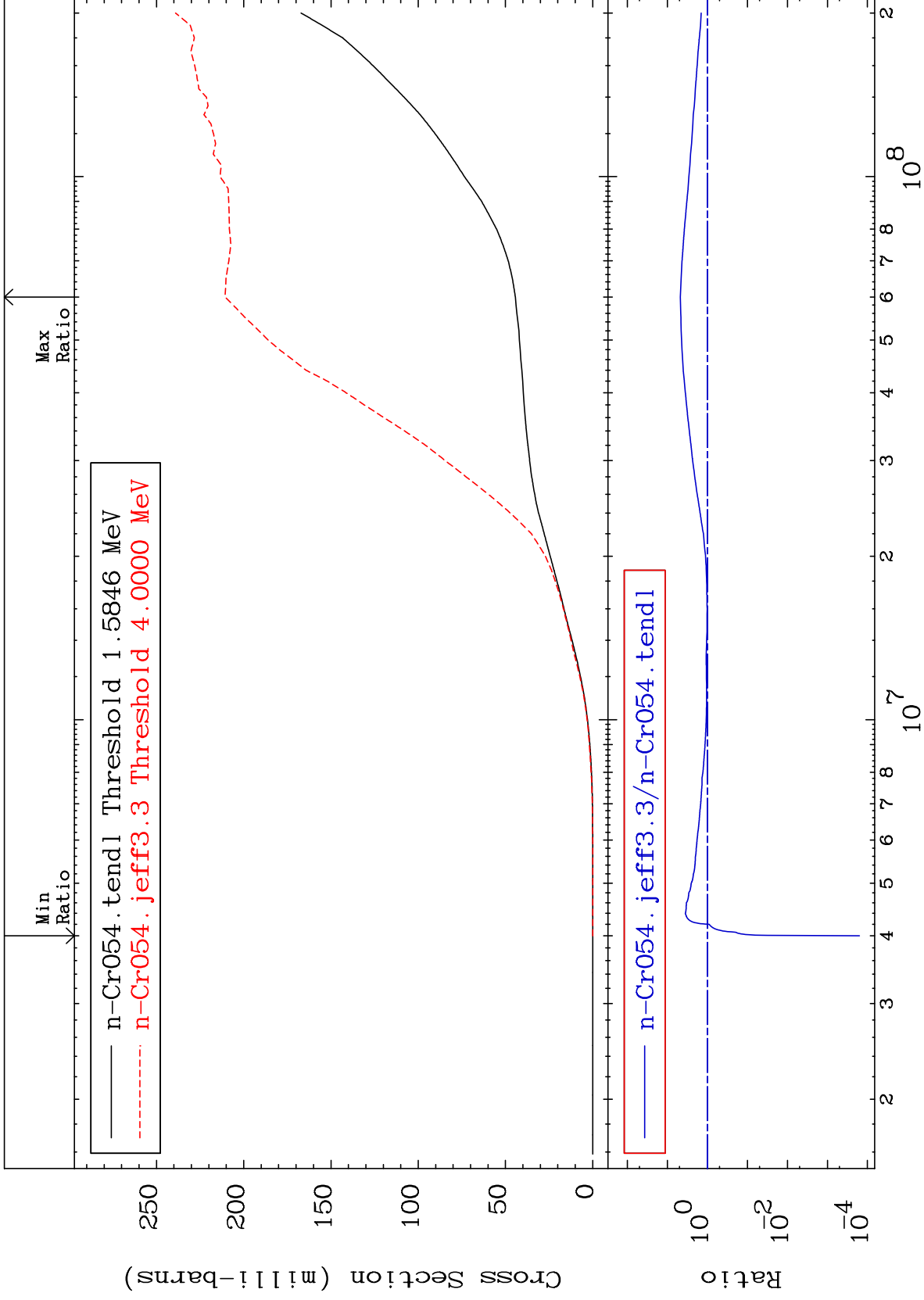




MAT 2437

He-4 Production
Cross Section

²⁴Cr-54
-99.98 To 375.4 %



30

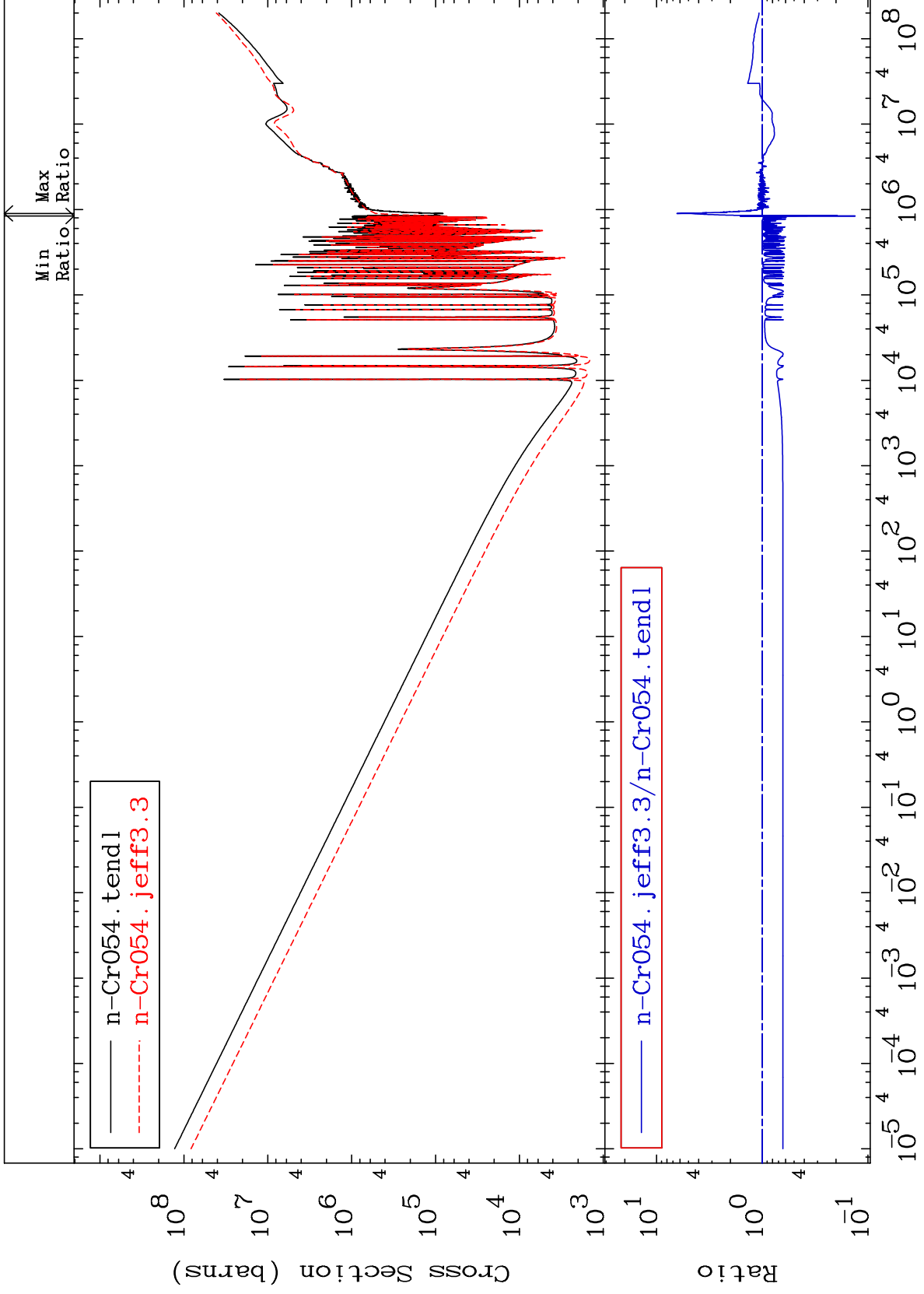
Incident Energy (eV)

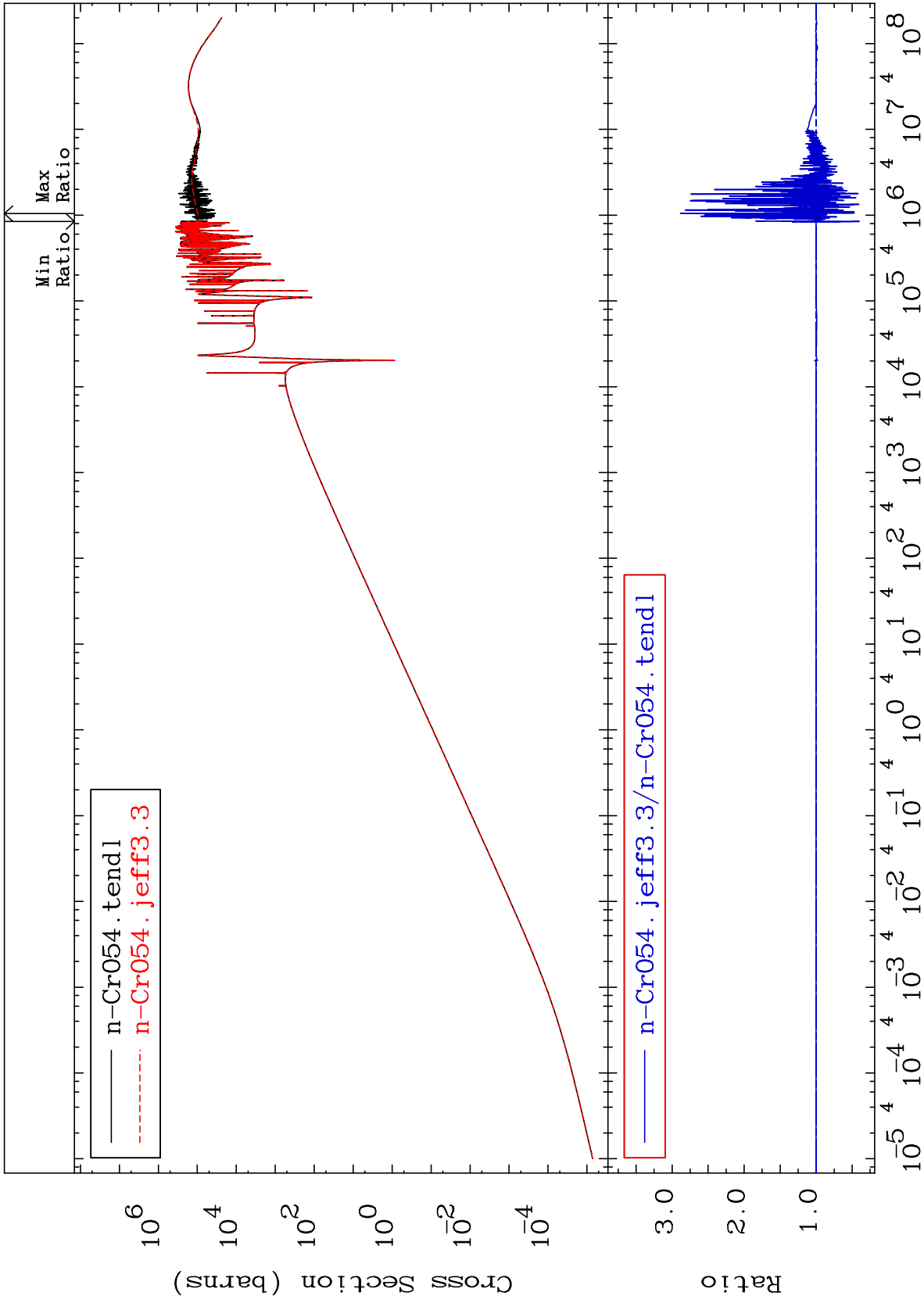
²⁴Cr-54

MAT 2437

Kerma total (eV-barns)
Cross Section

24-Cr-54
-86.78 To 542.4 %

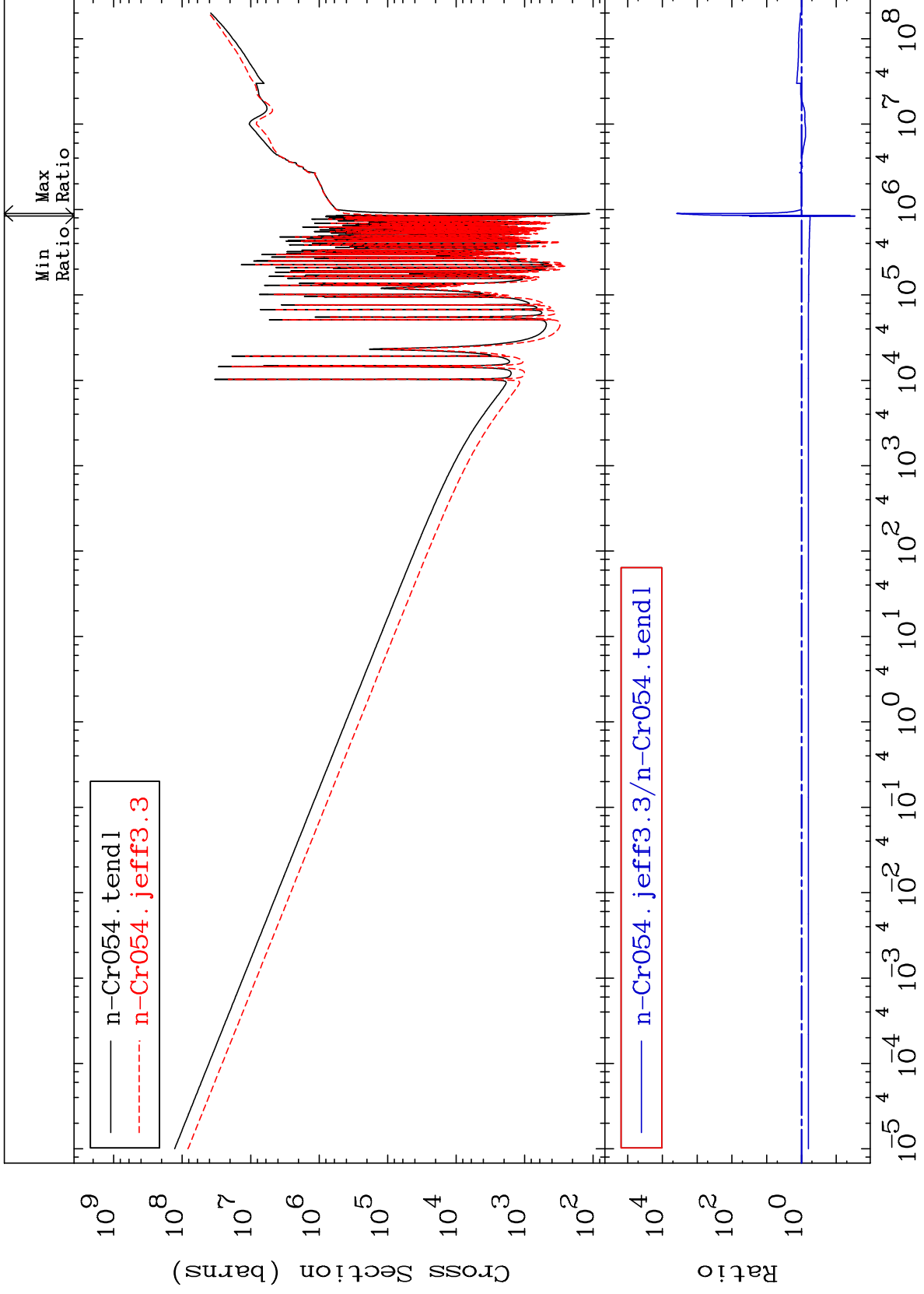


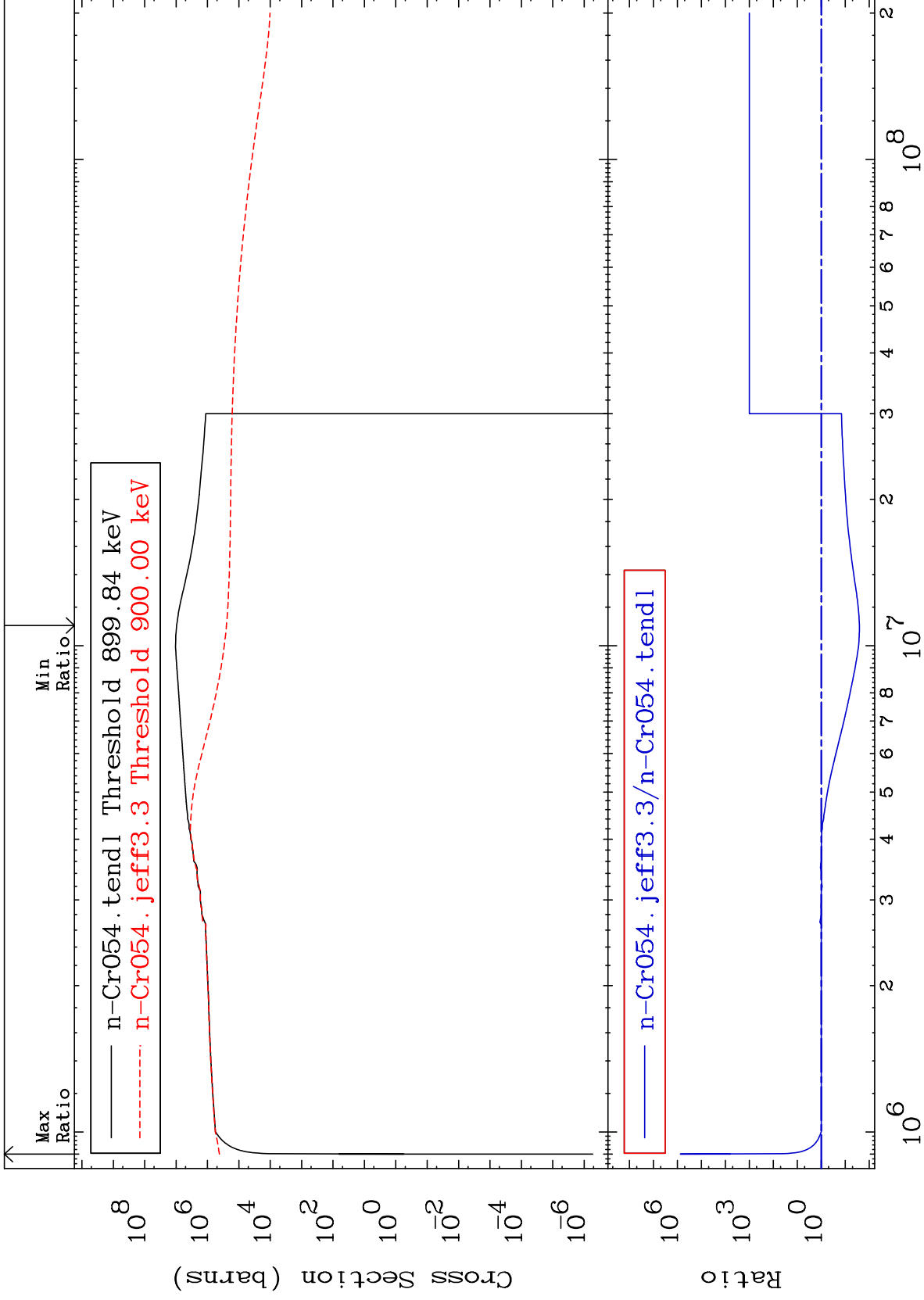


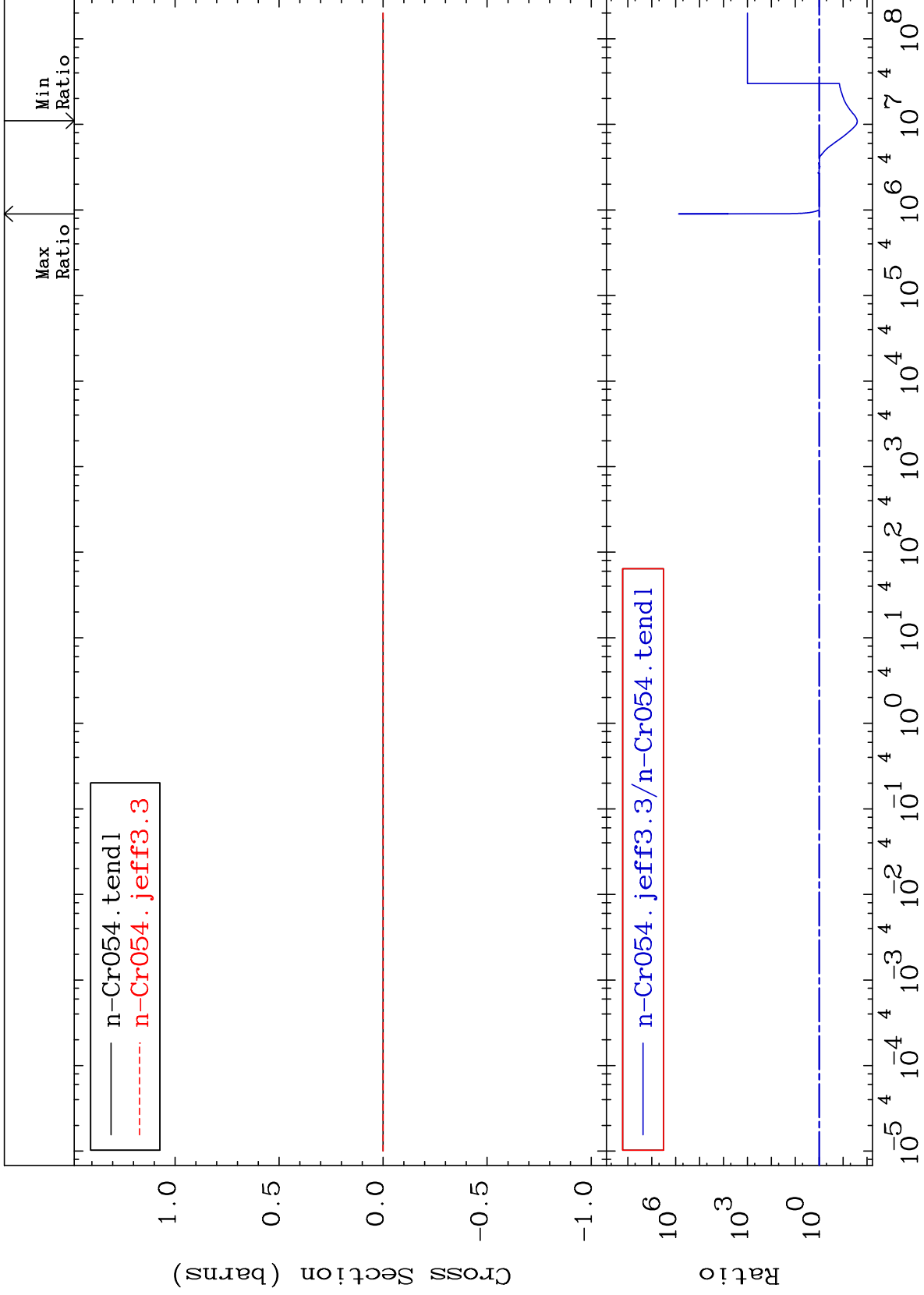
MAT 2437

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-54
-97.12 To 9999. %



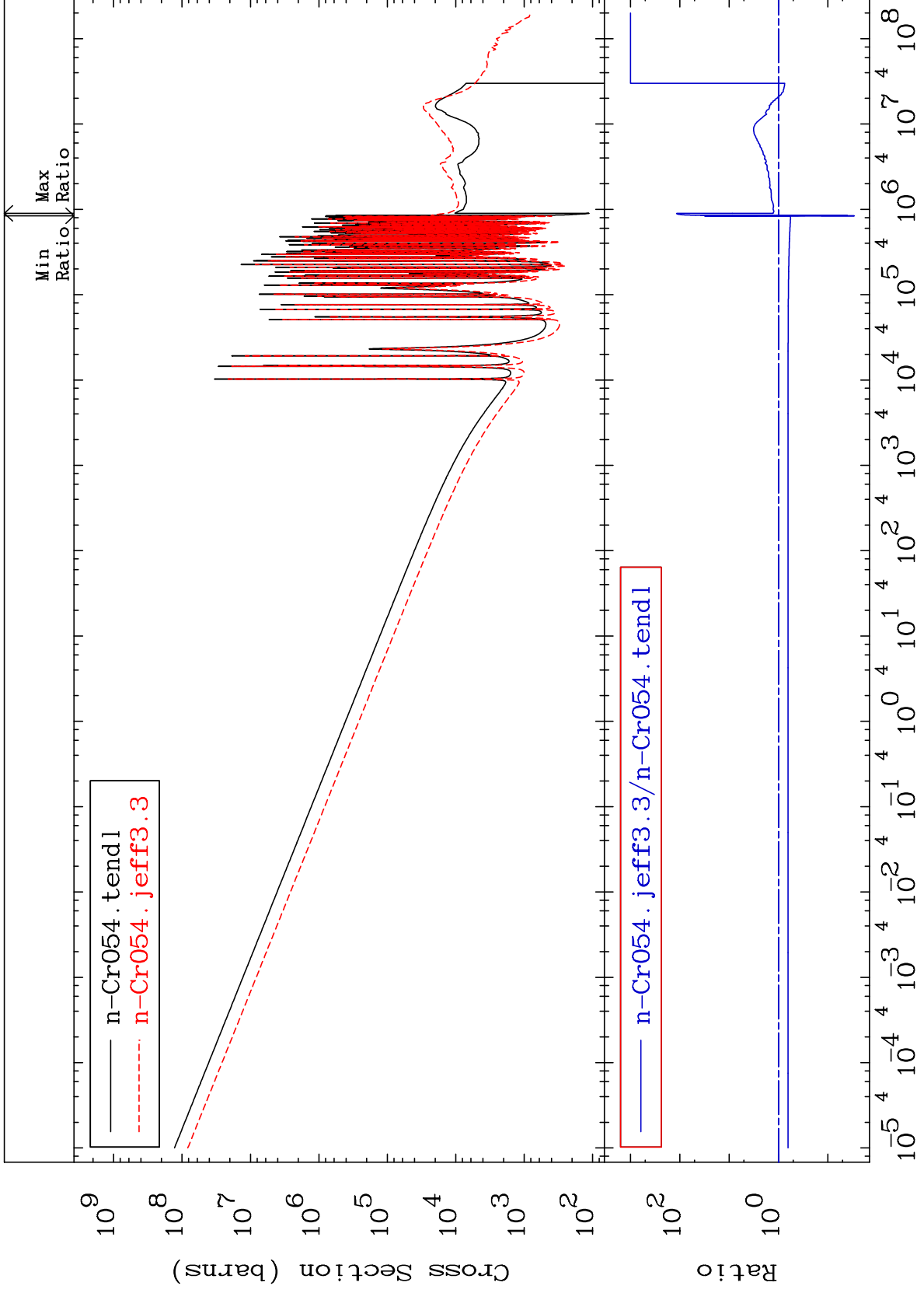




MAT 2437

Kerma capture (mt102)
Cross Section

24-Cr-54
-97.12 To 9999. %



36

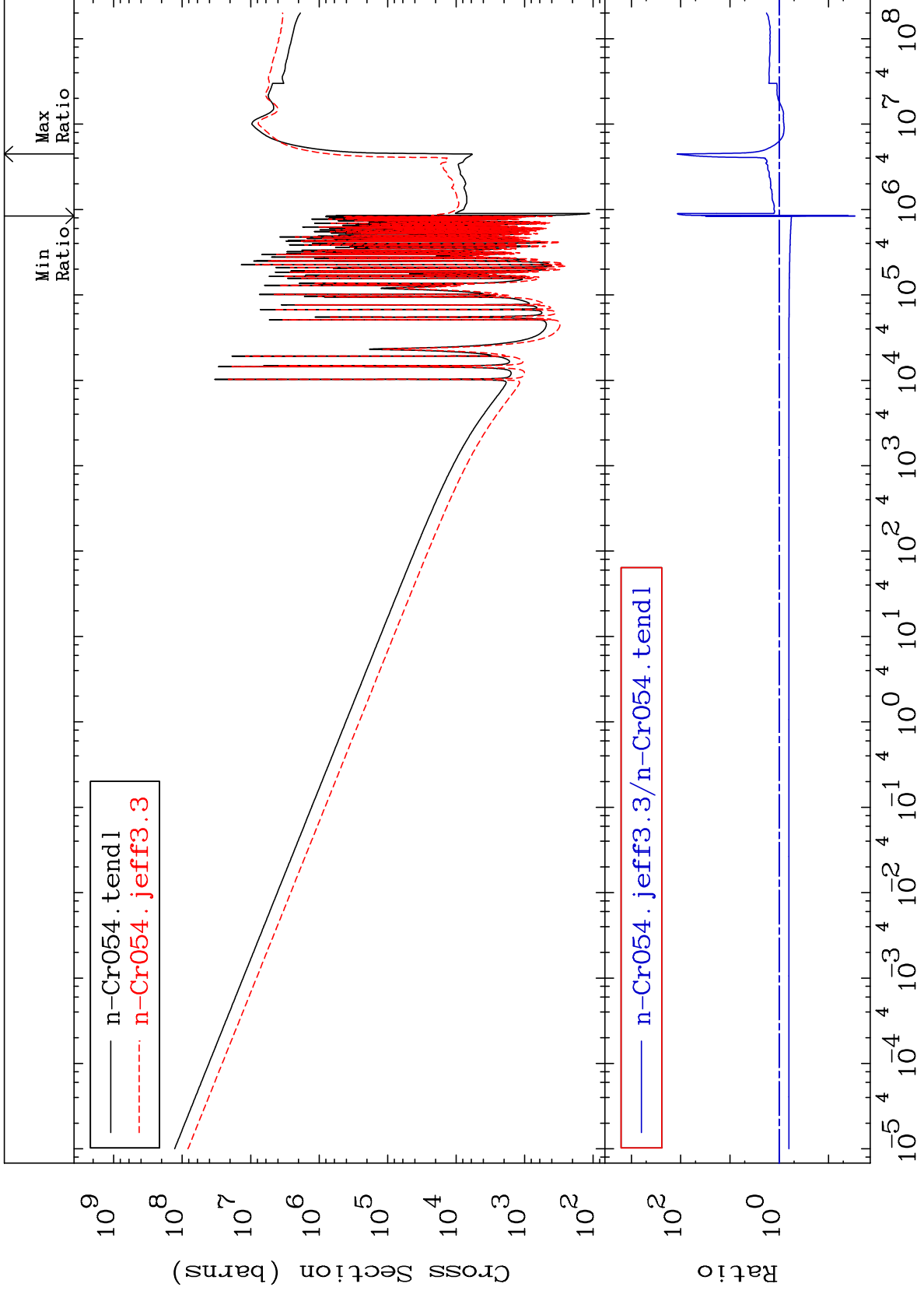
Incident Energy (eV)

24-Cr-54

MAT 2437

Total photon (eV-barns)
Cross Section

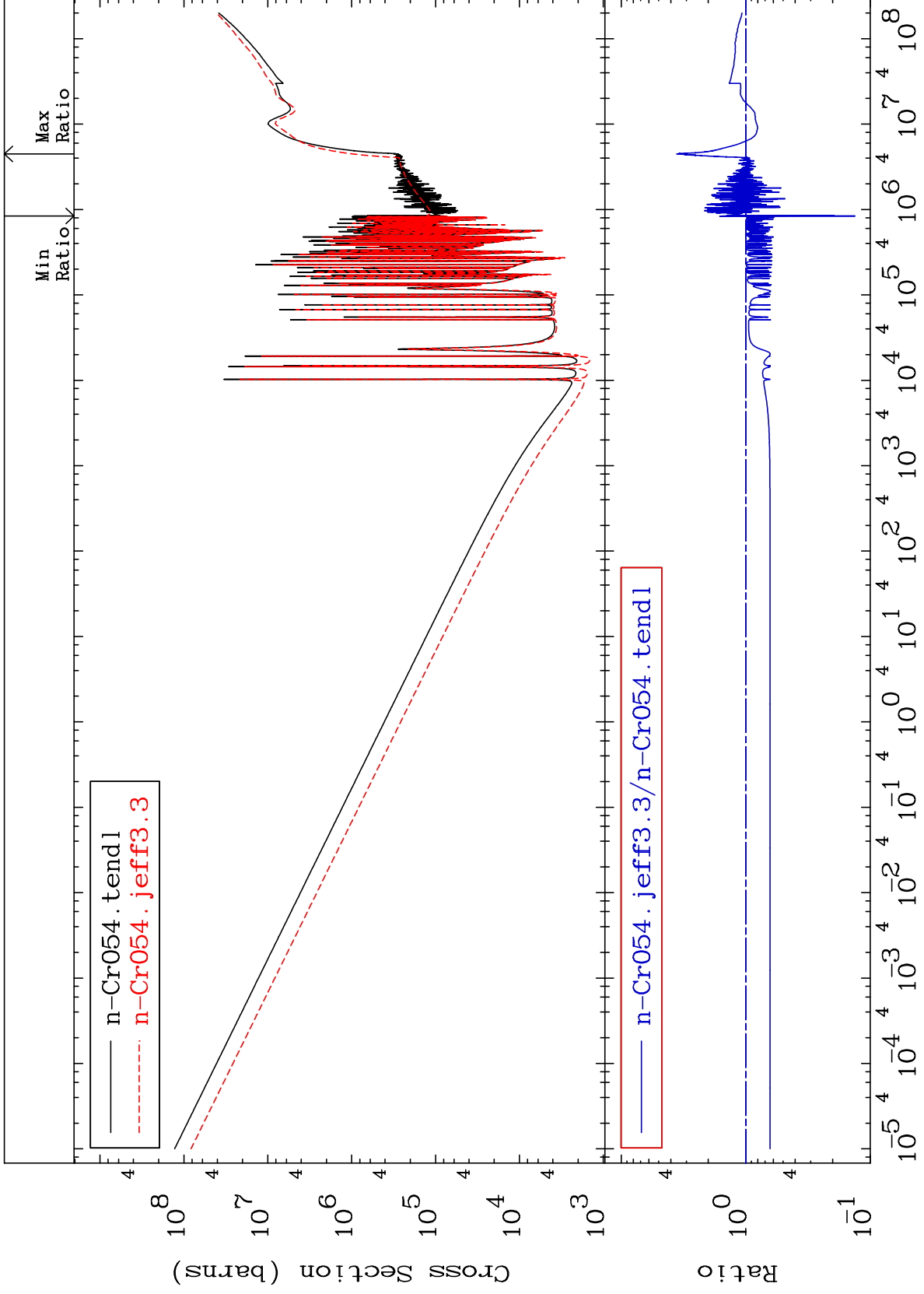
24-Cr-54
-97.12 To 9999. %



MAT 2437

Total kinematic kerma (high limit)
Cross Section

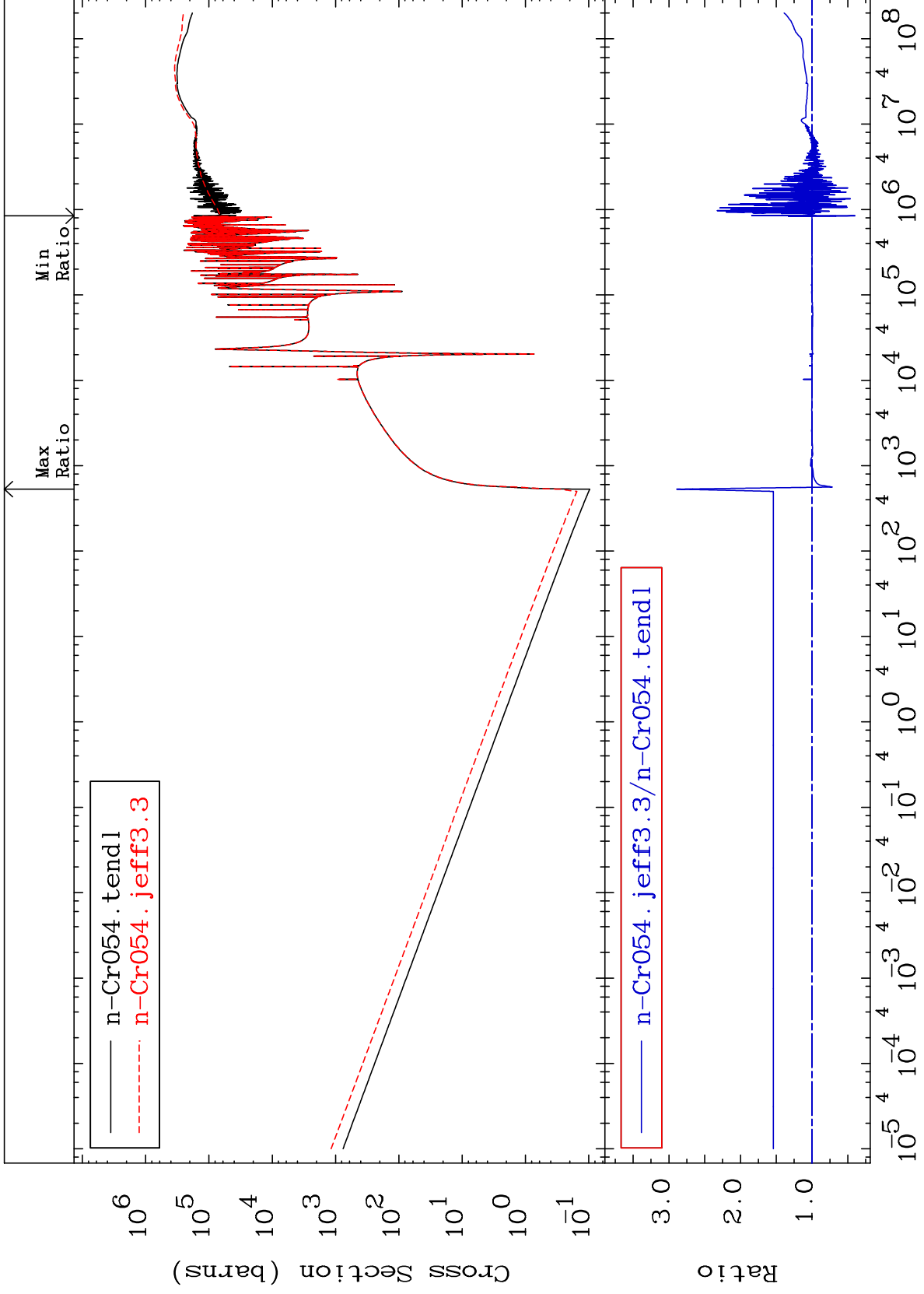
24-Cr-54
-86.78 To 257.0 %



MAT 2437

Dpa total (eV-barns)
Cross Section

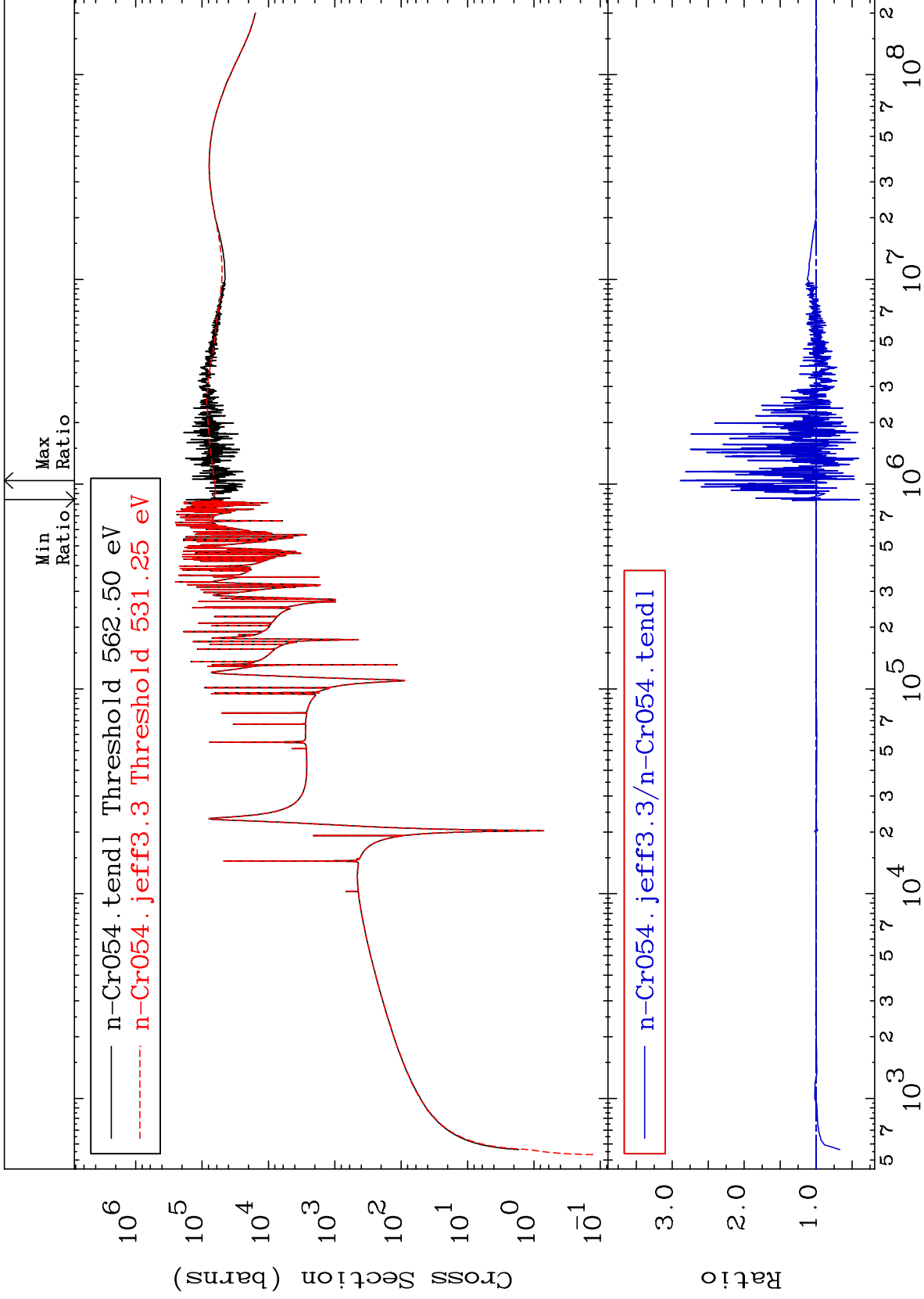
24-Cr-54
-60.18 To 188.8 %

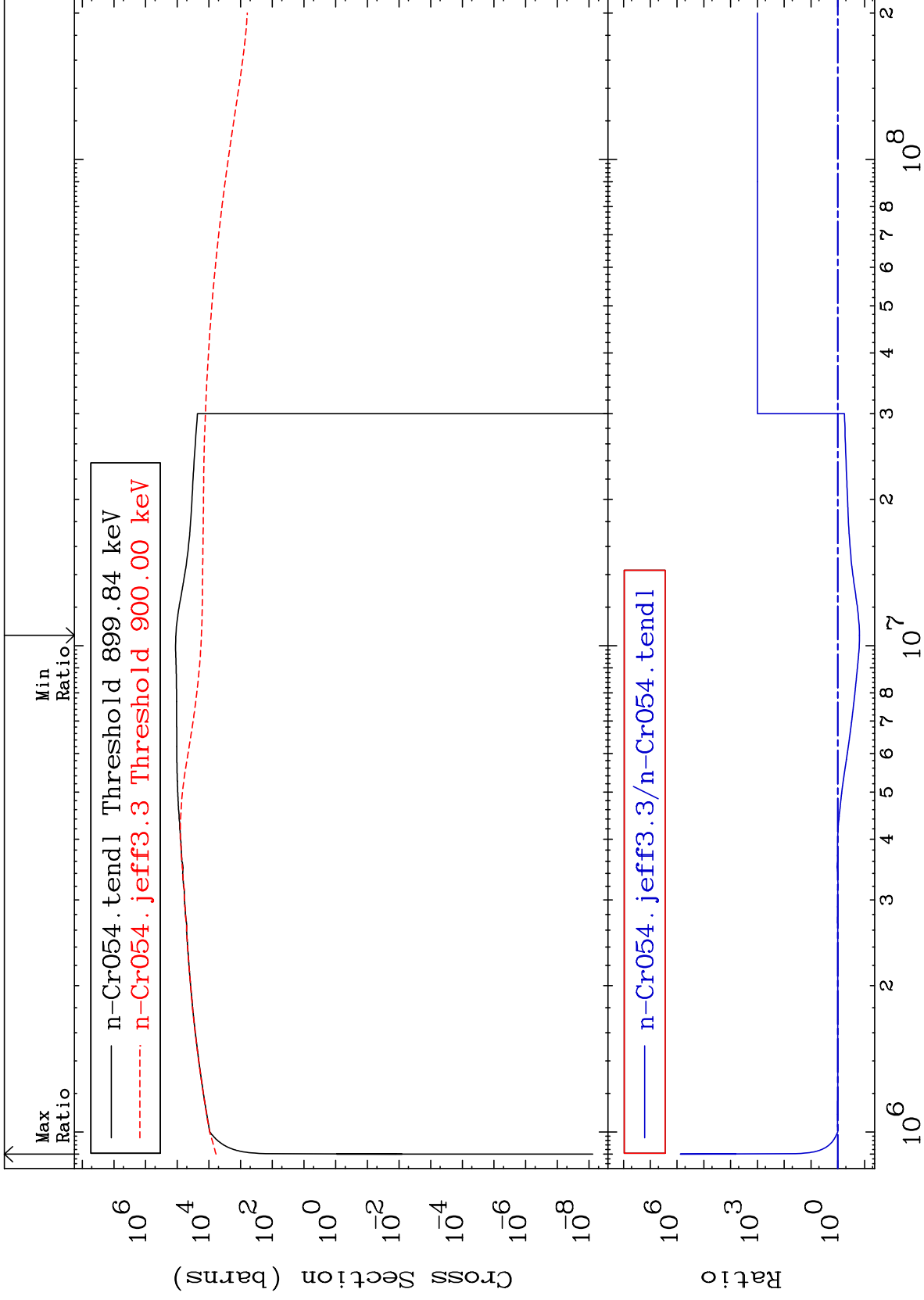


39

Incident Energy (eV)

24-Cr-54

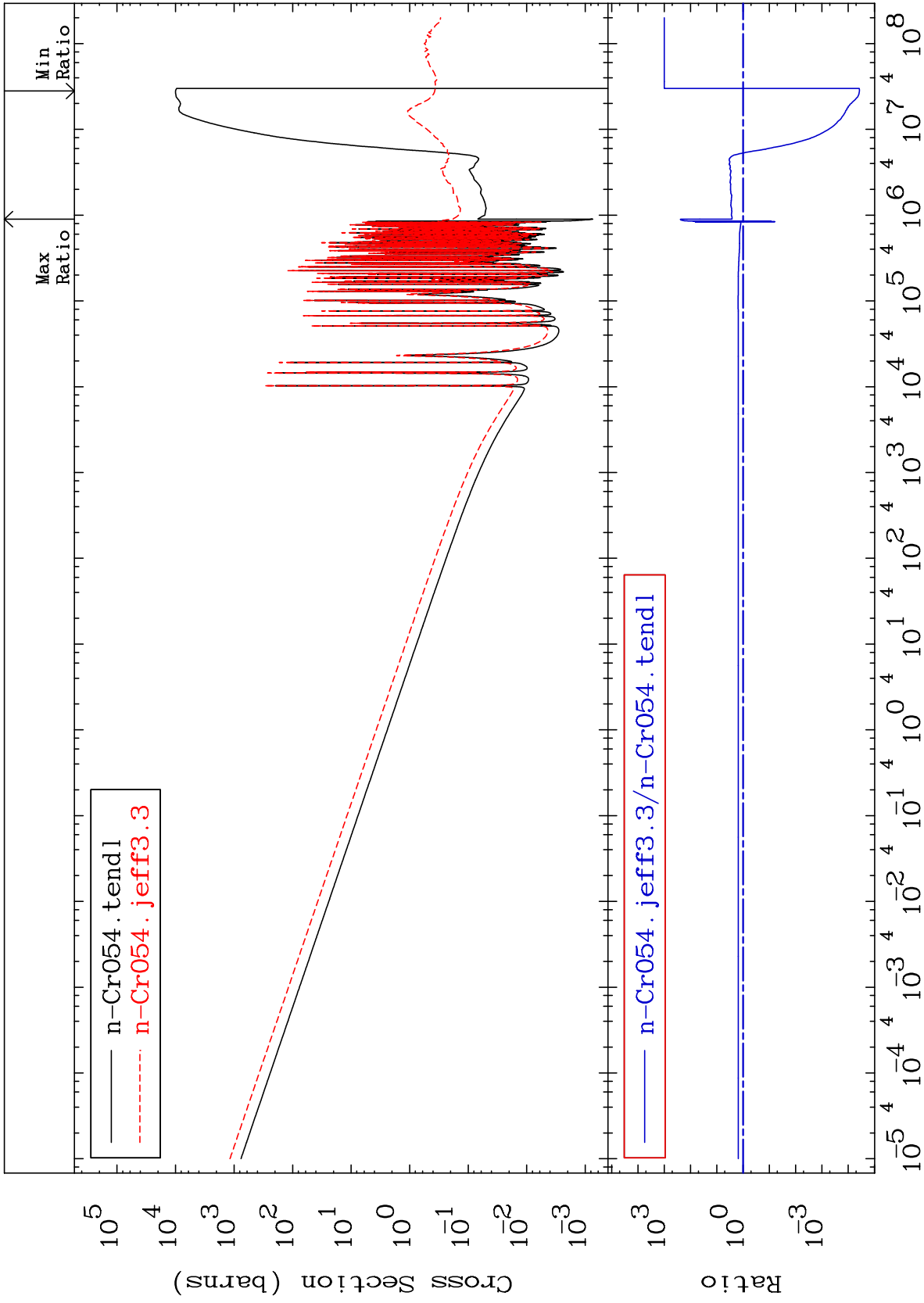




MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-100.0 To 9999. %



42

Incident Energy (eV)

24-Cr-54