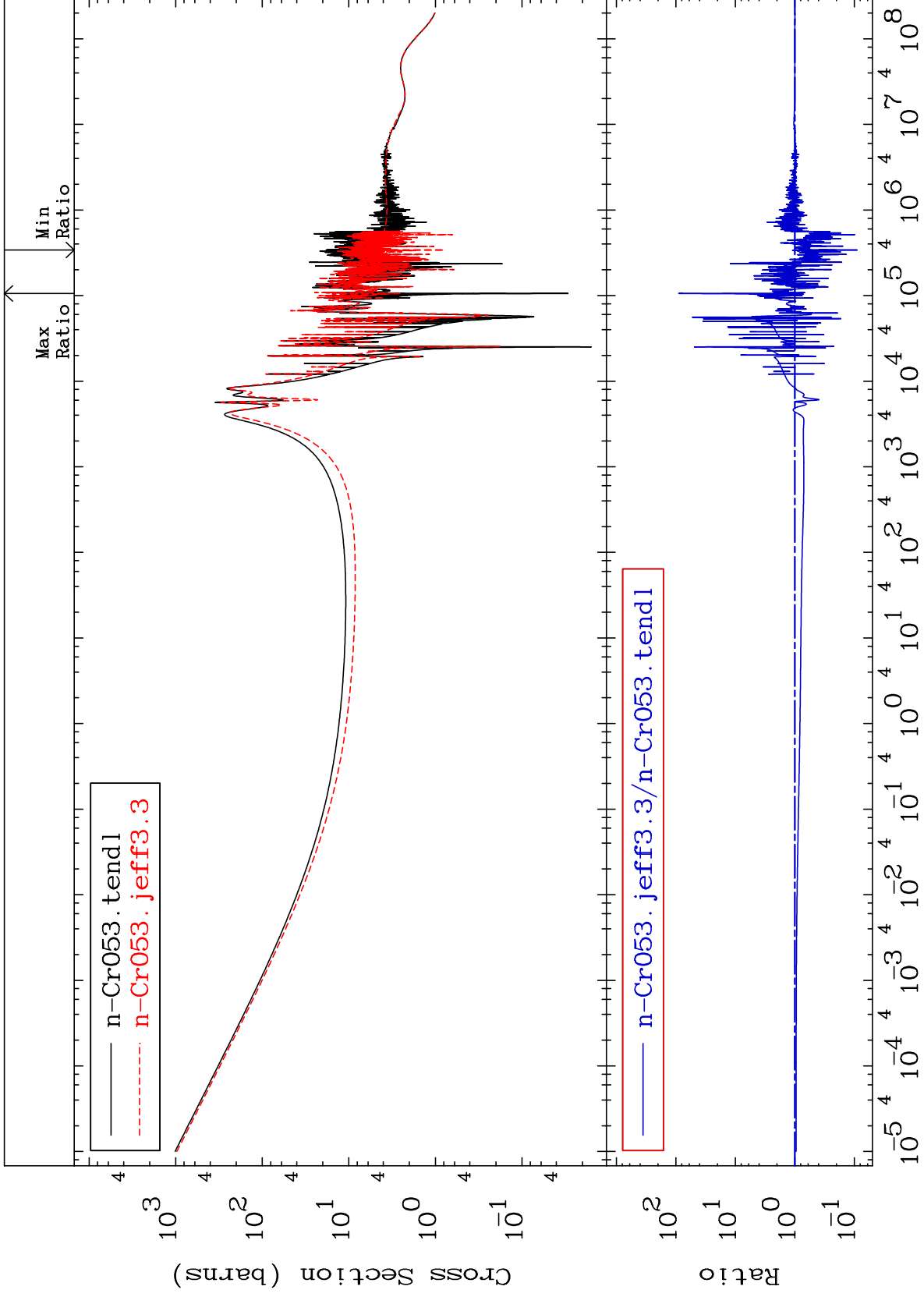


MAT 2434

Total
Cross Section

24-Cr-53
-91.05 To 8916. %



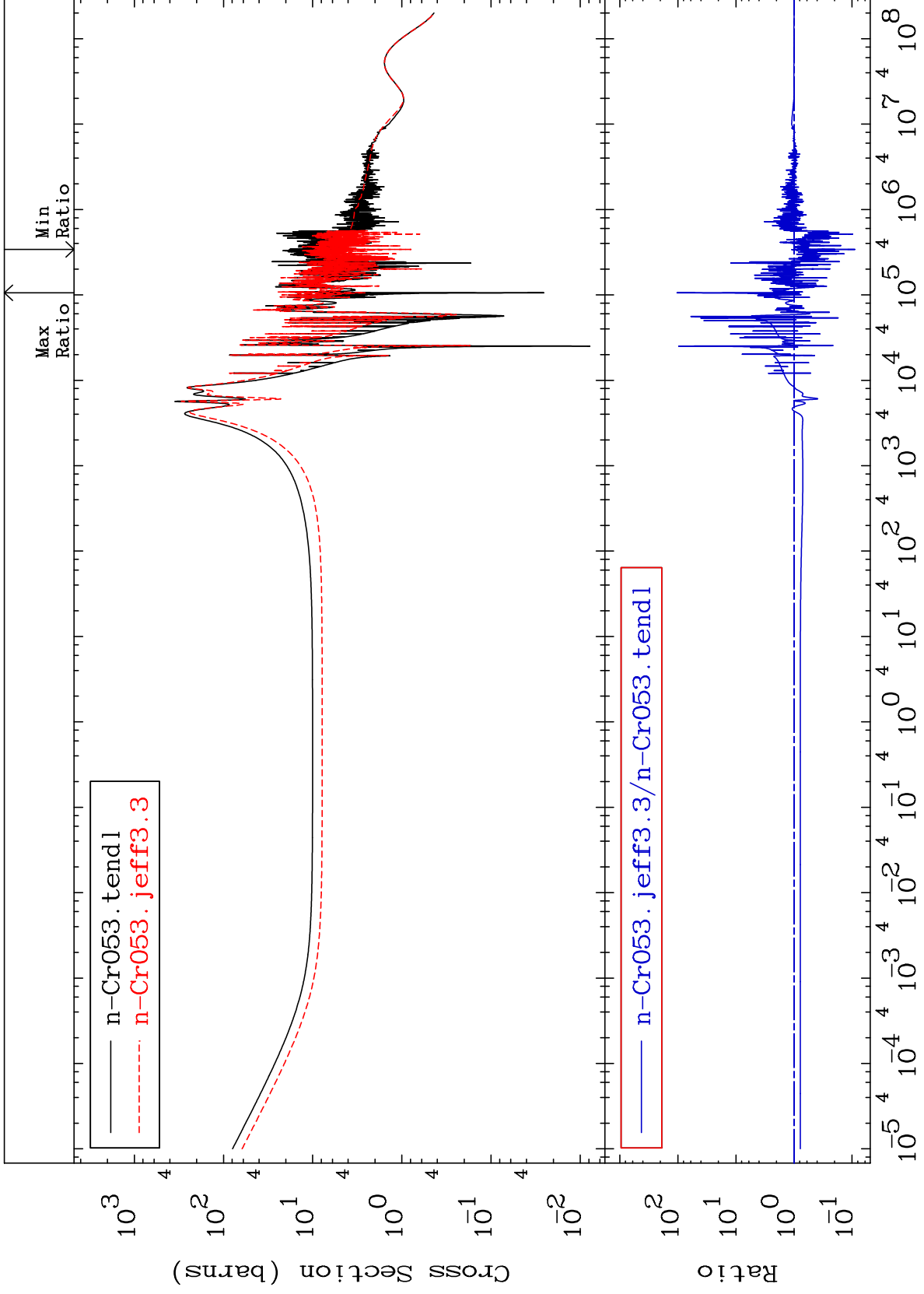
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic
Cross Section

24-Cr-53
-91.13 To 9999. %



2

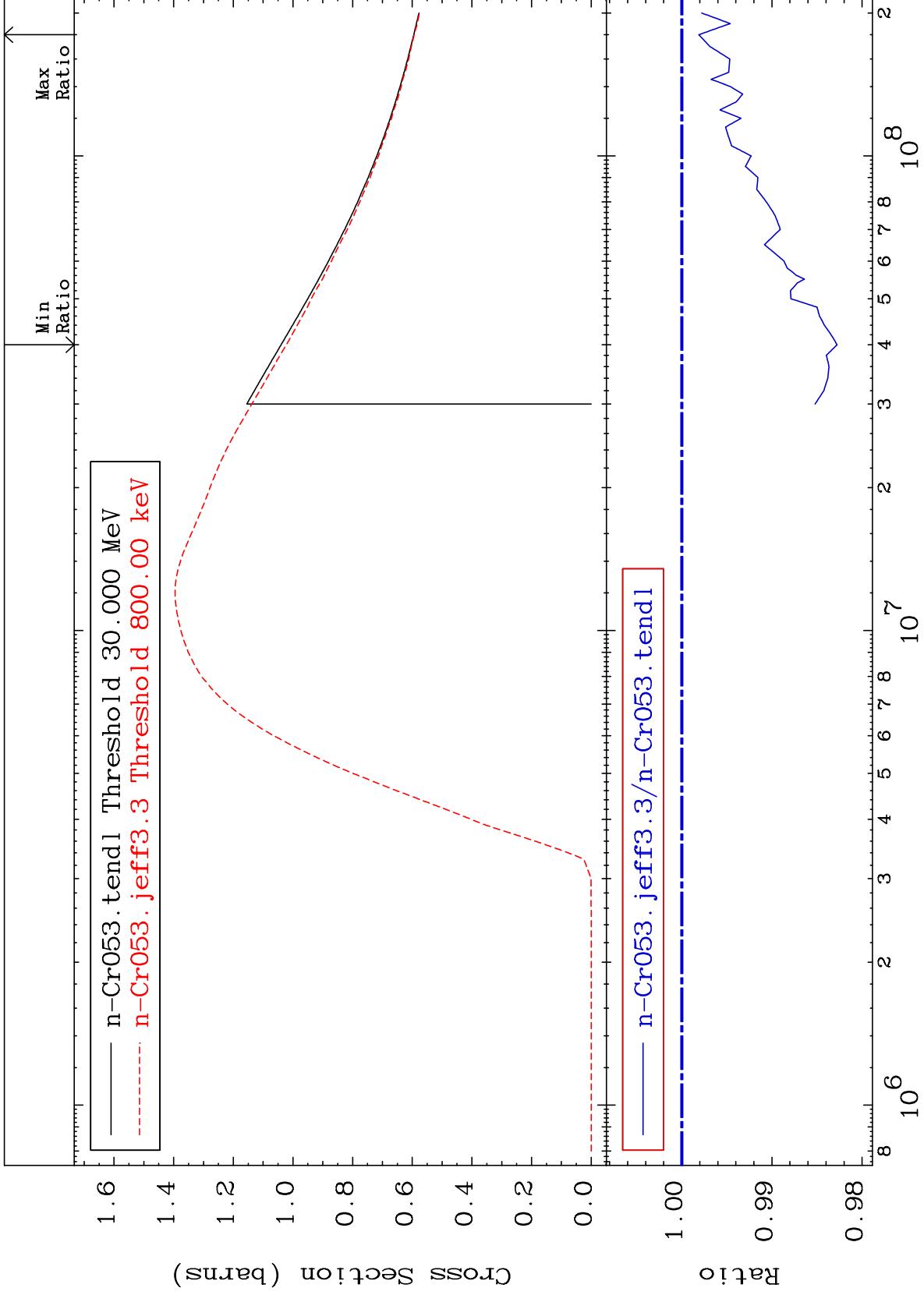
Incident Energy (eV)

24-Cr-53

MAT 2434

(n, remainder)
Cross Section

24-Cr-53
-1.723 To -0.189%



Incident Energy (eV)

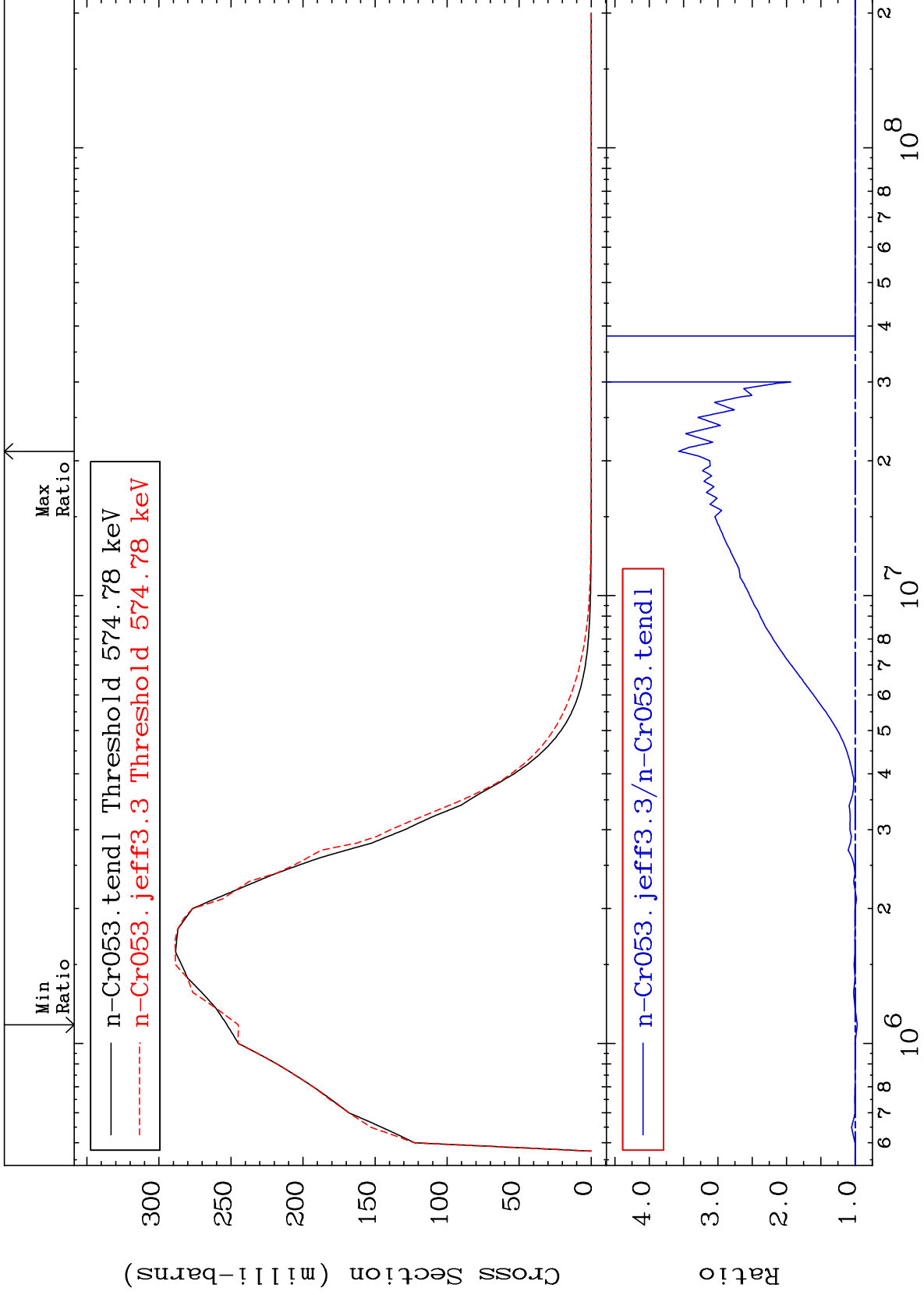
24-Cr-53

4

MAT 2434

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

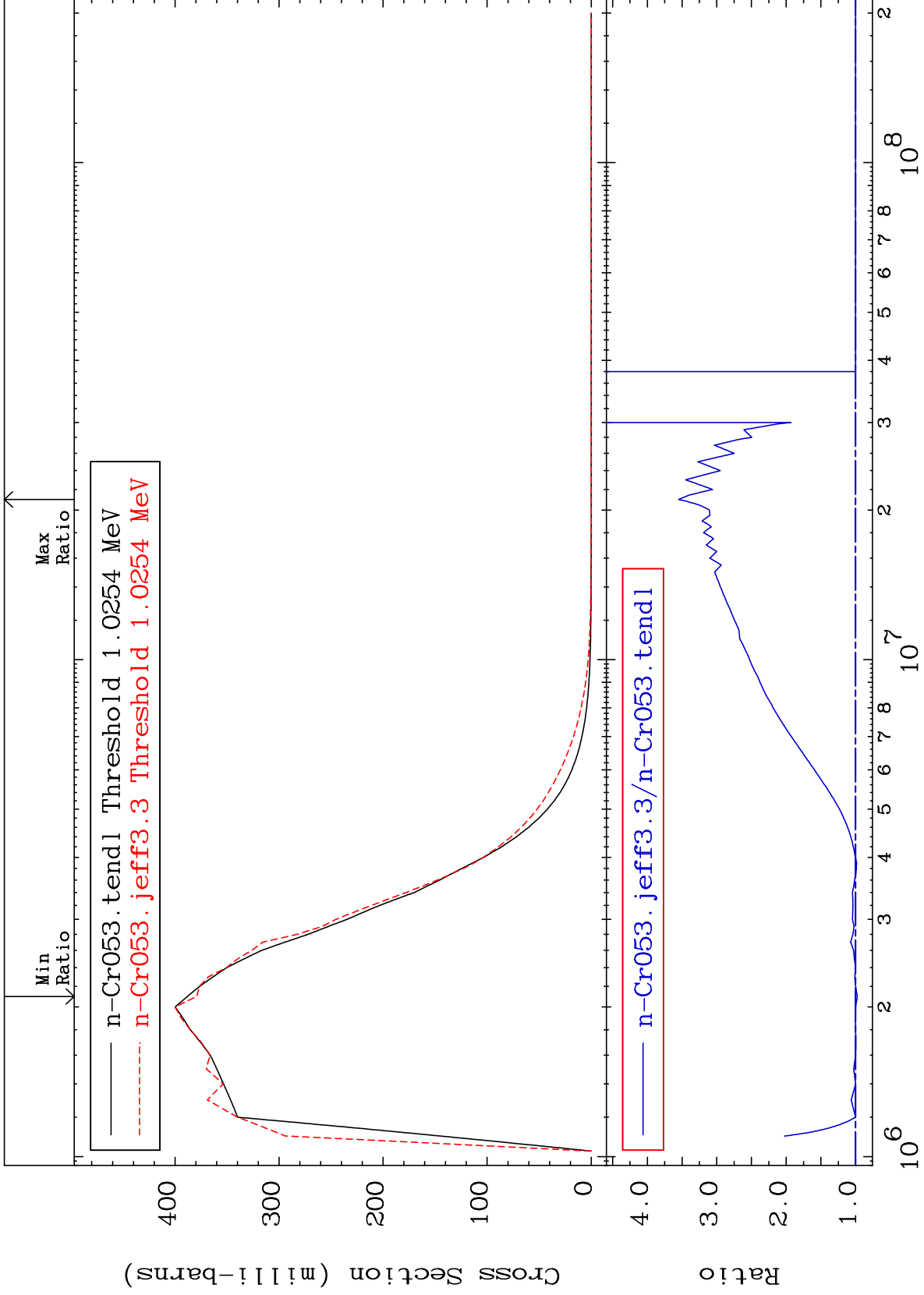
24-Cr-53
-3.109 To 257.2 %



MAT 2434

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

24-Cr-53
-2.306 To 254.9 %



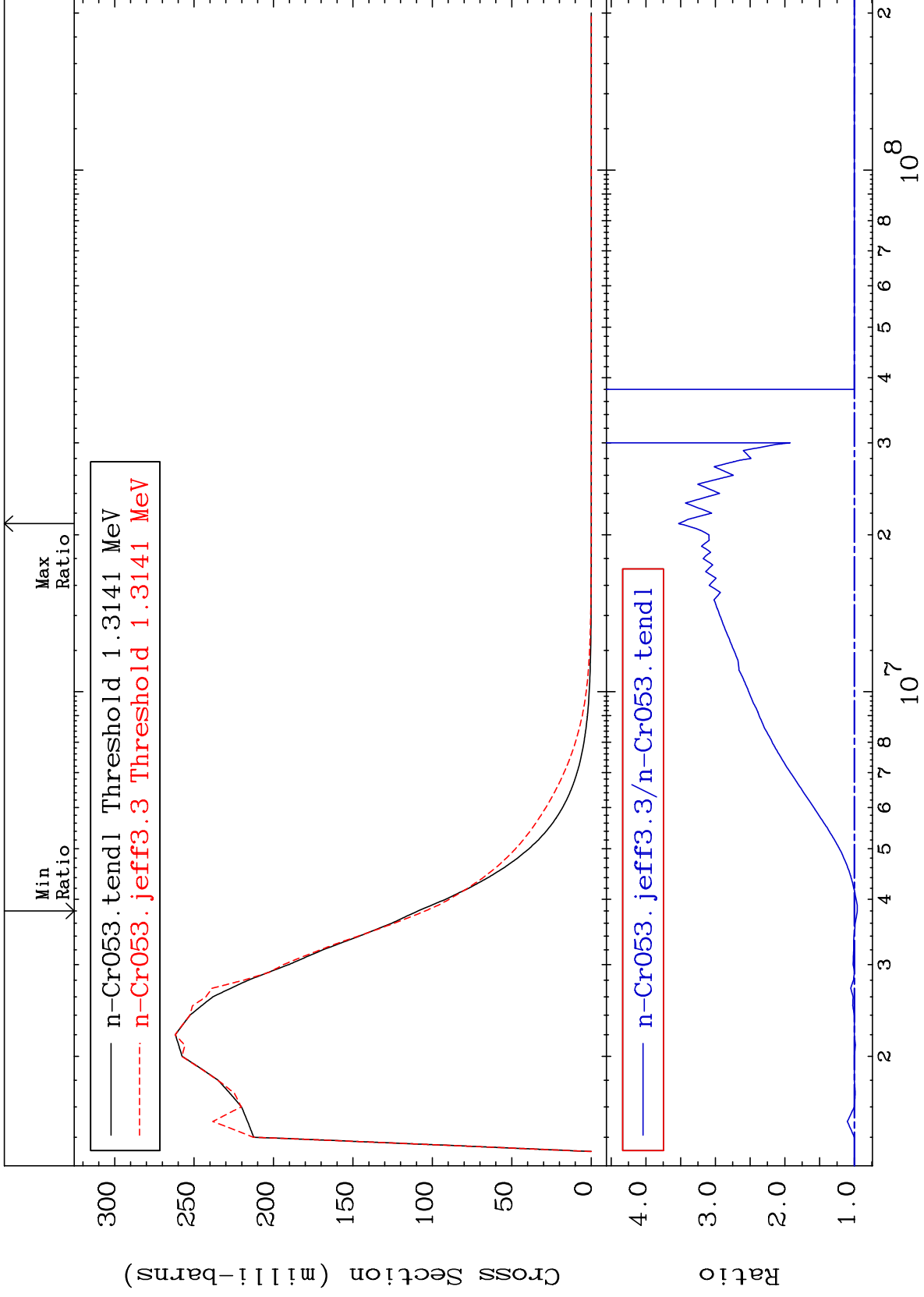
Incident Energy (eV)

24-Cr-53

MAT 2434

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

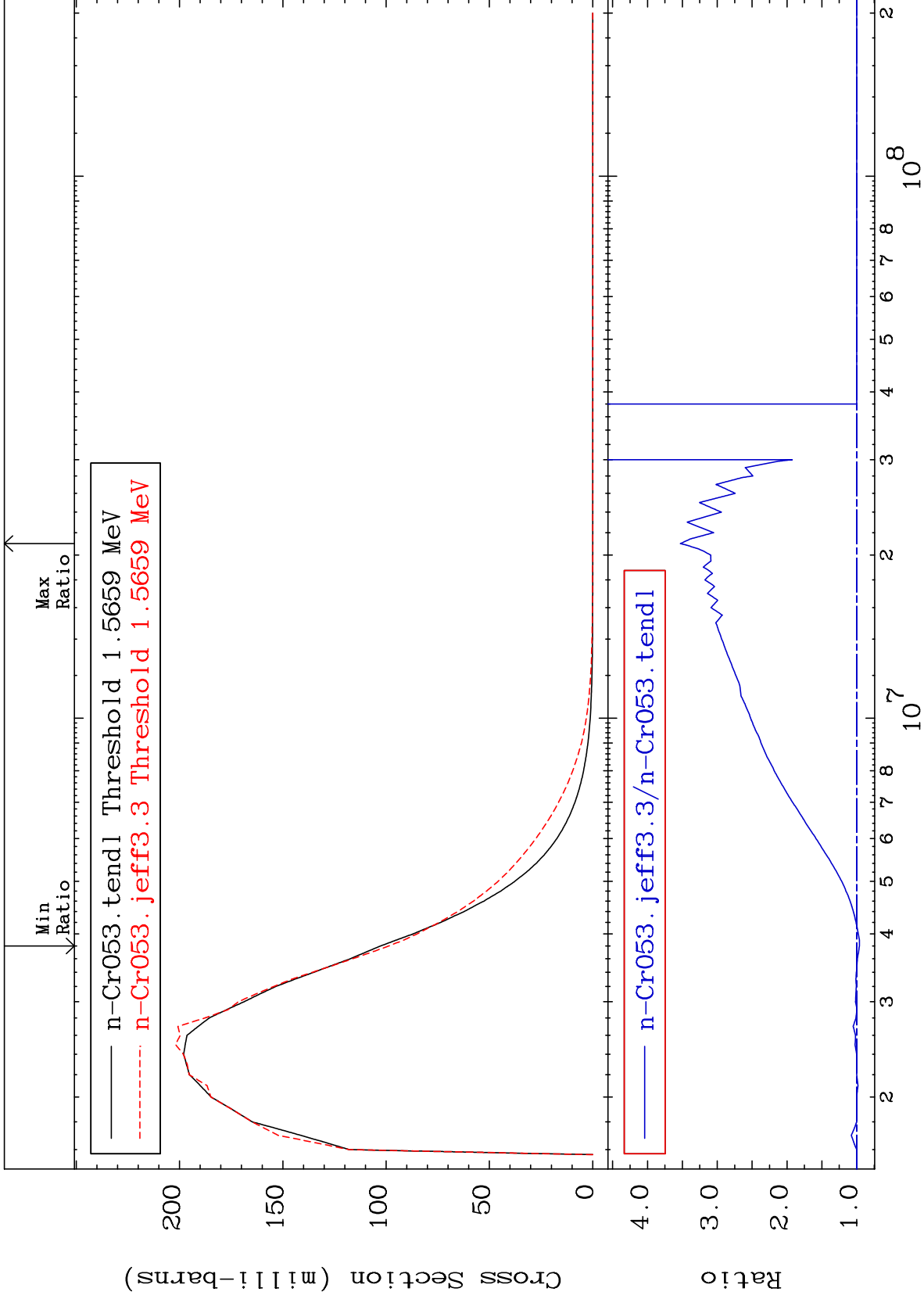
24-Cr-53
-4.176 To 252.9 %



MAT 2434

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

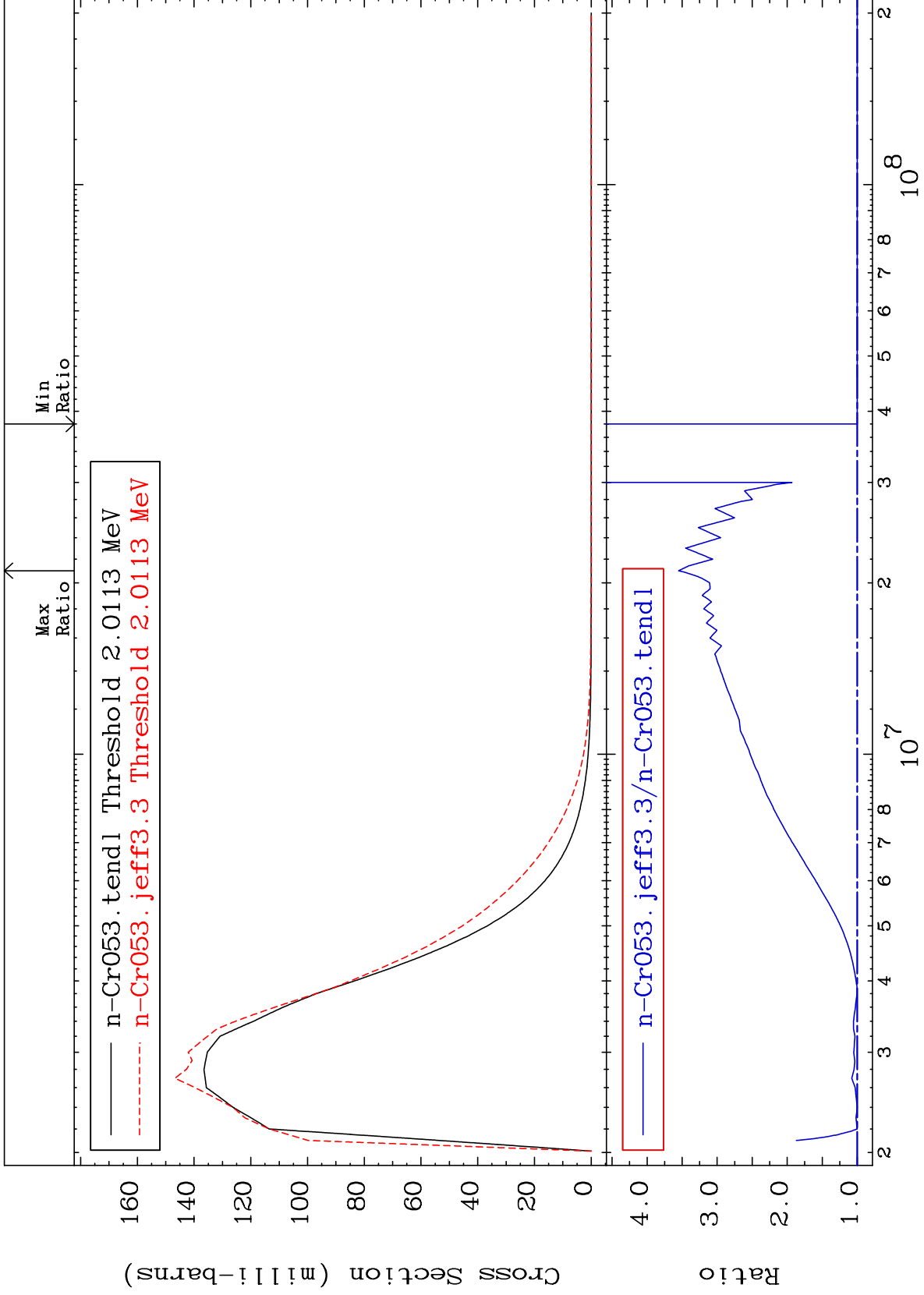
24-Cr-53
-3.879 To 252.9 %



MAT 2434

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

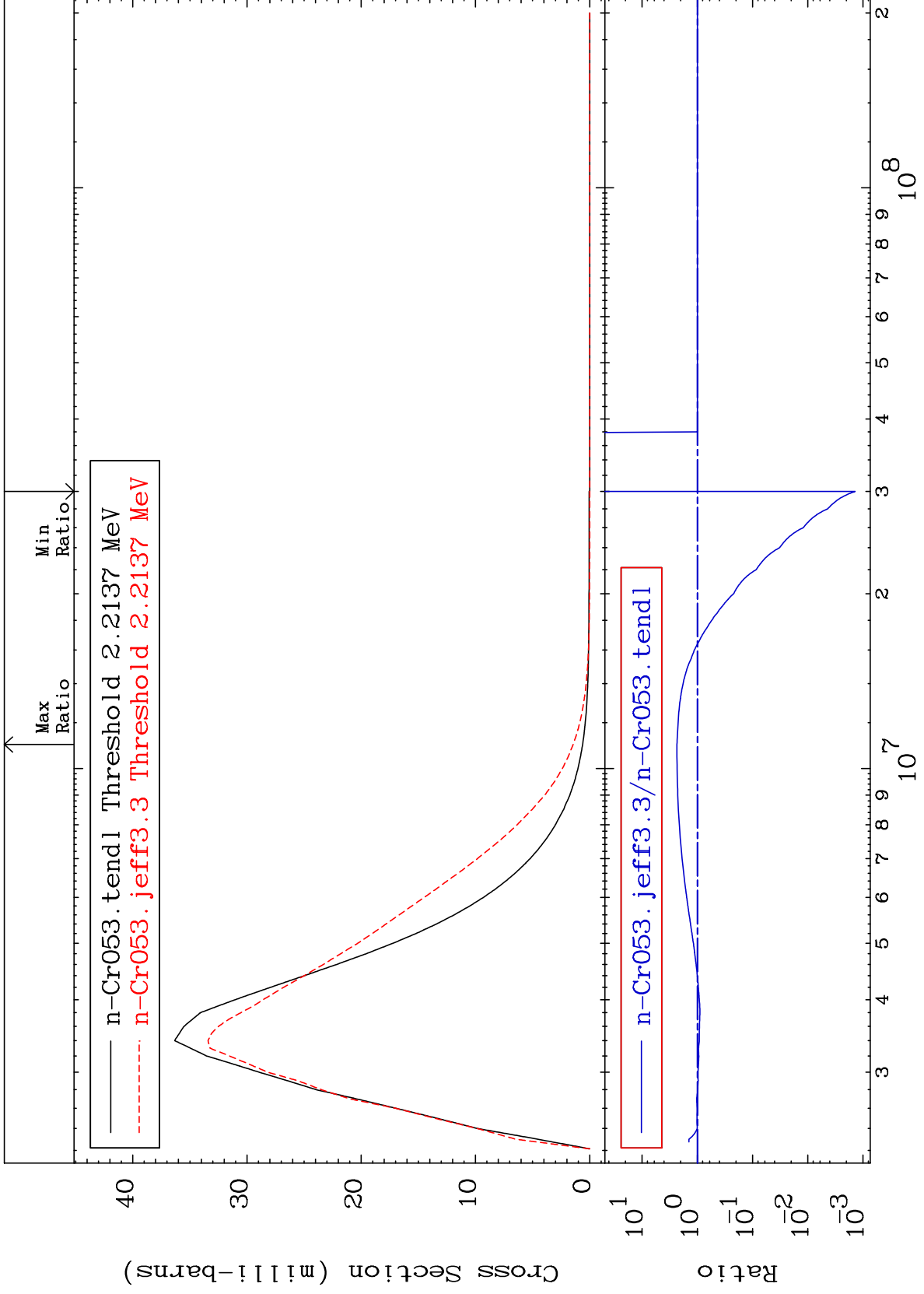
24-Cr-53
0.000 To 255.0 %



MAT 2434

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

24-Cr-53
-99.86 To 134.1 %



10

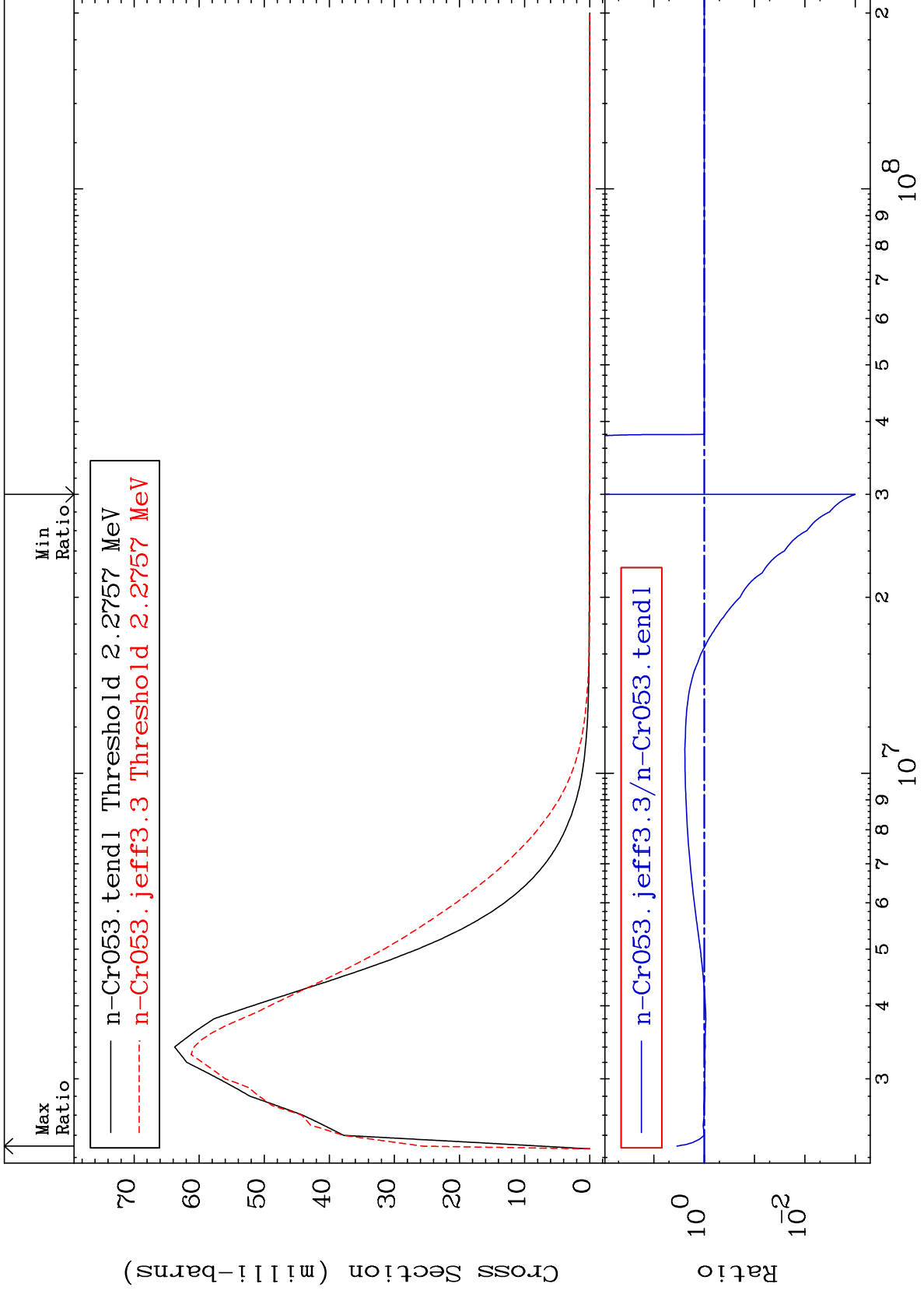
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-99.90 To 247.3 %



11

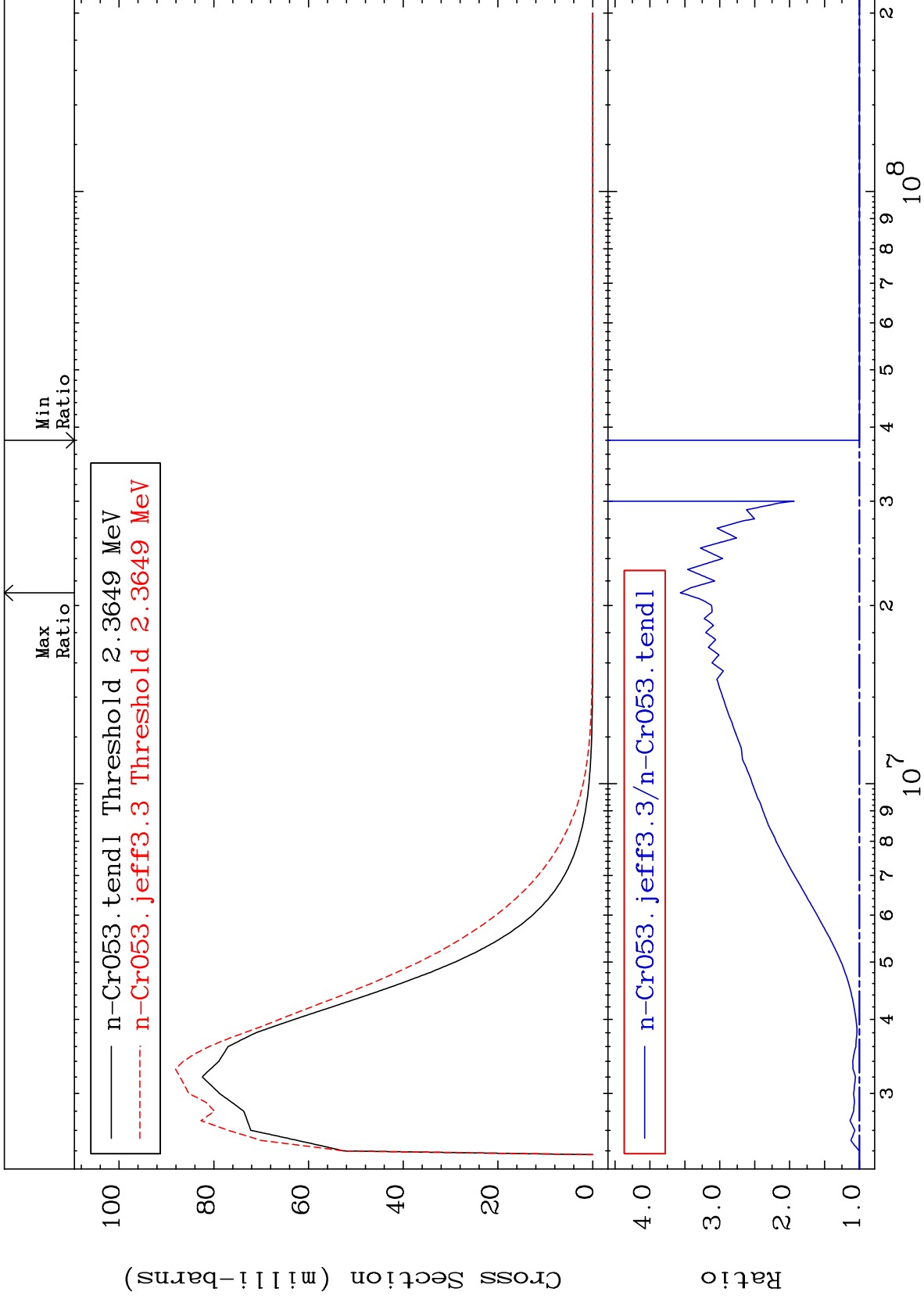
Incident Energy (eV)

24-Cr-53

MAT 2434

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

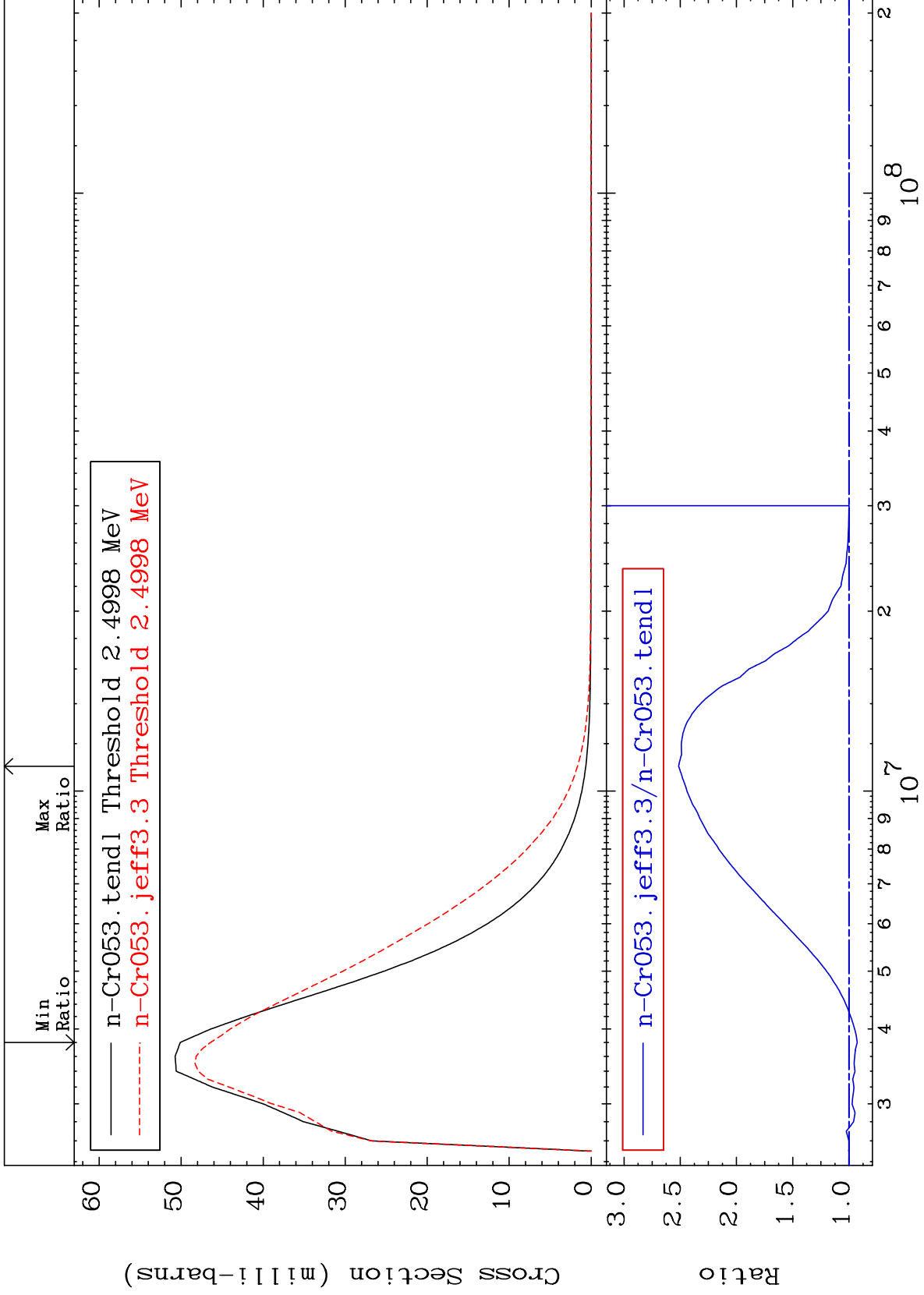
24-Cr-53
0.000 To 256.4 %



MAT 2434

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

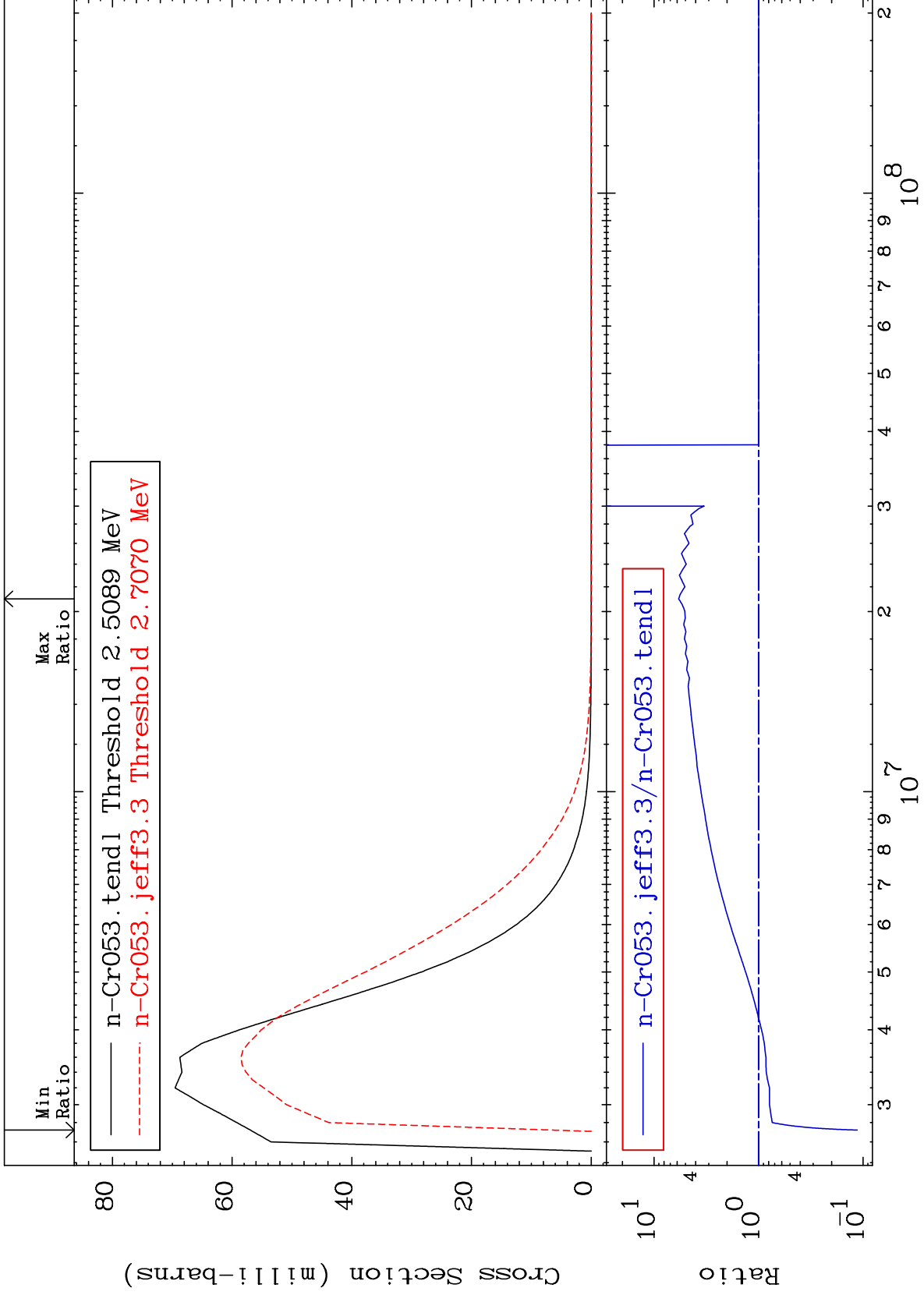
24-Cr-53
-7.380 To 151.4 %



MAT 2434

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

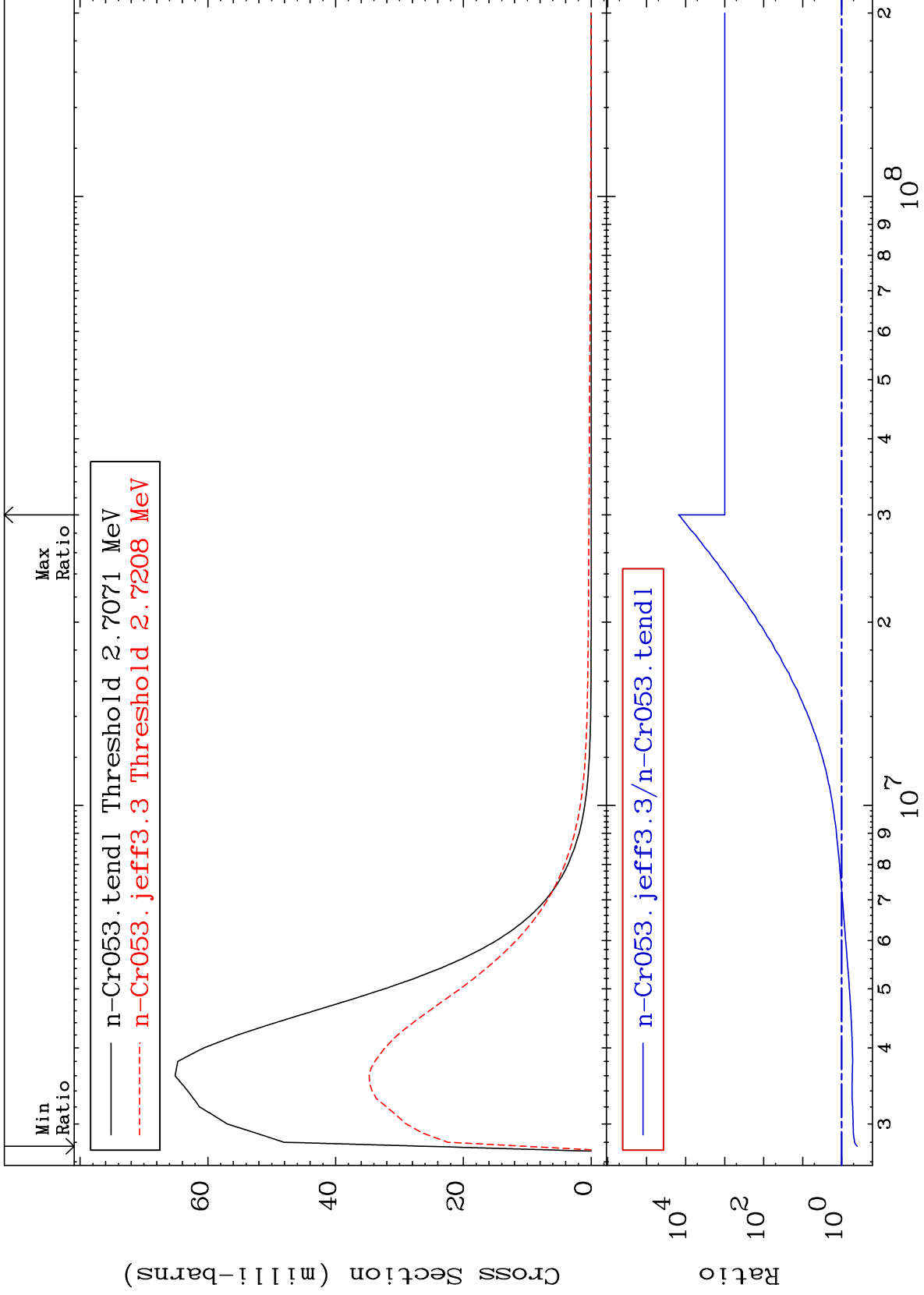
24-Cr-53
-88.61 To 480.9 %



MAT 2434

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

24-Cr-53
-60.10 To 9999. %



15

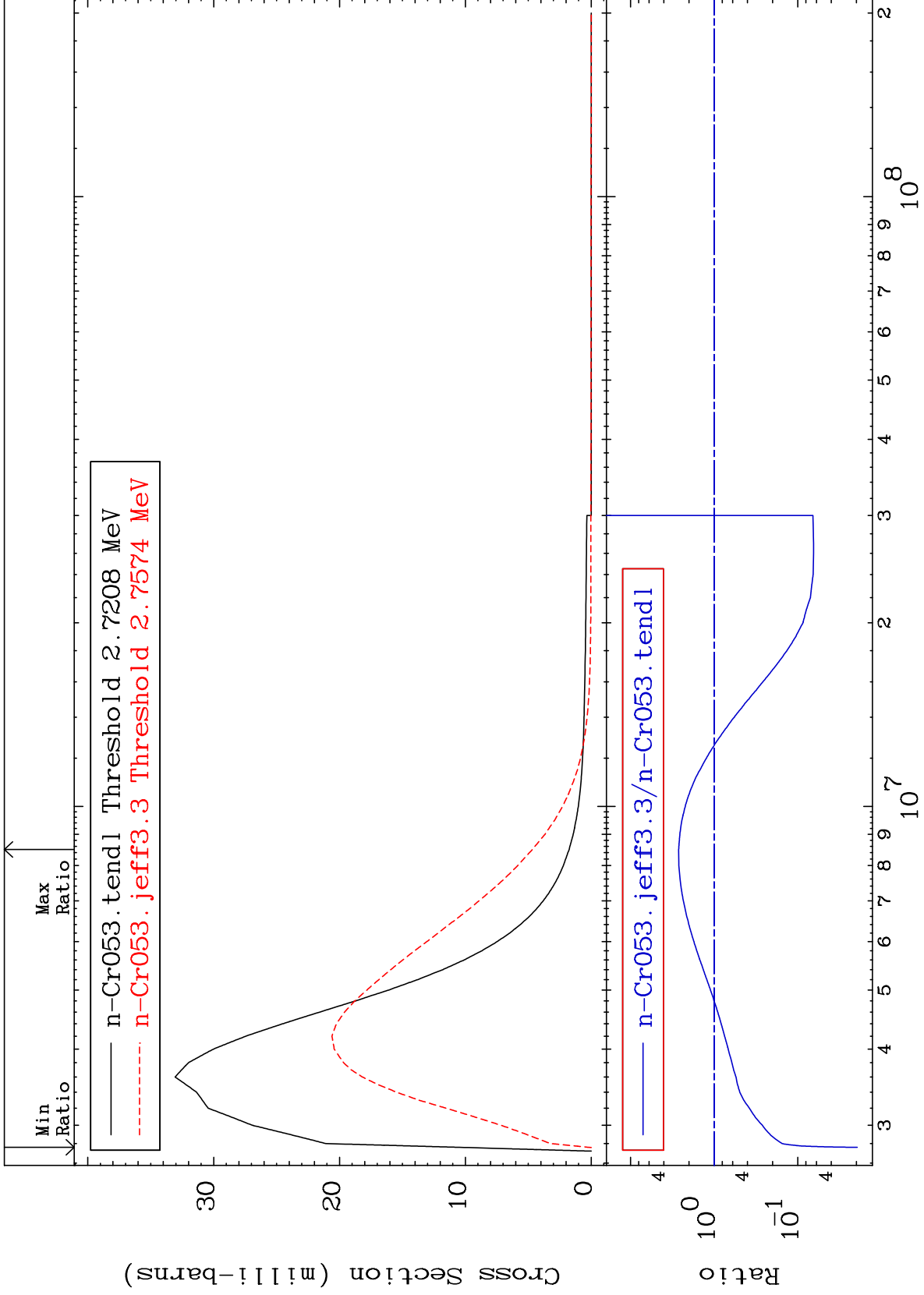
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53
-98.05 To 165.9 %



16

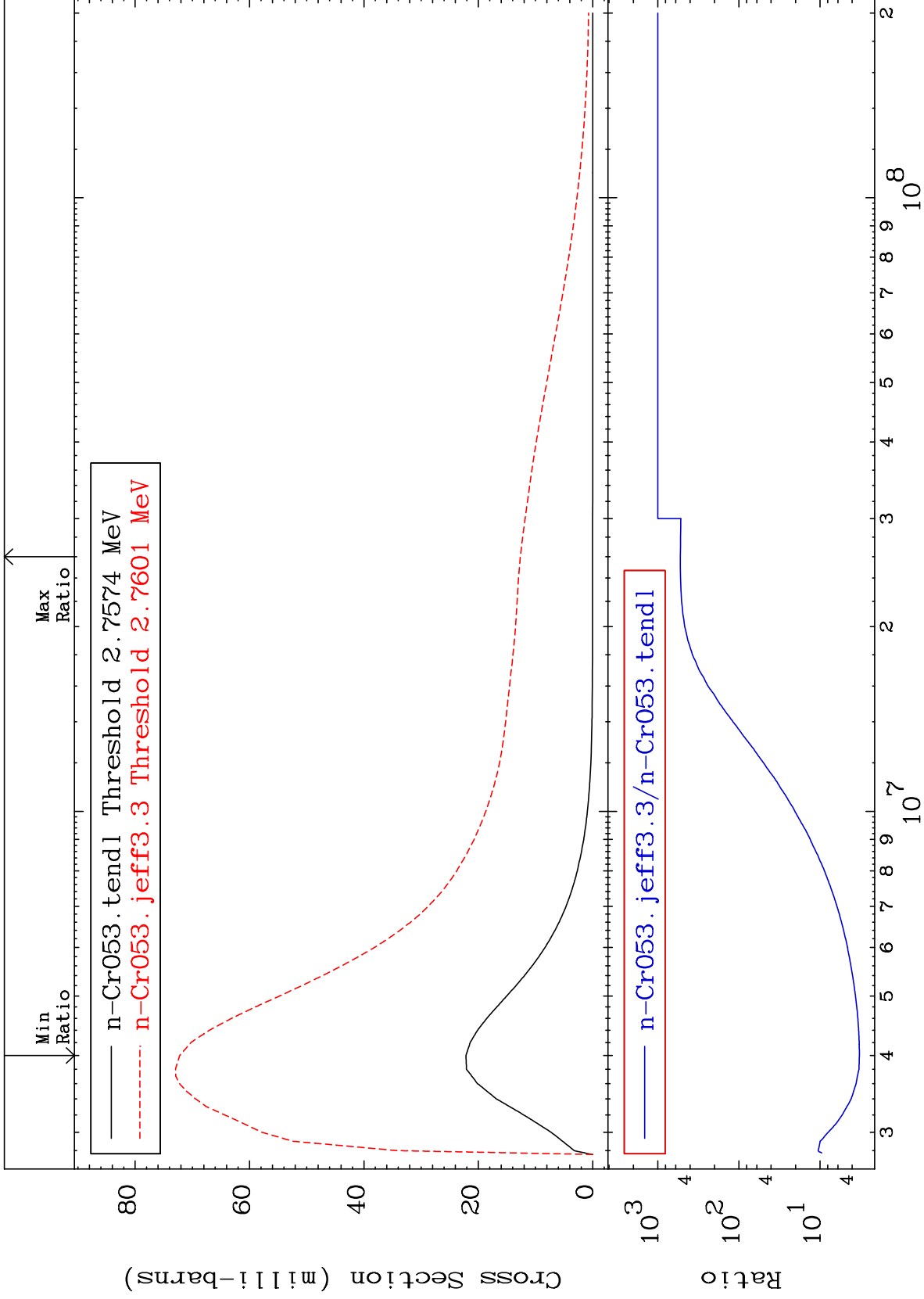
24-Cr-53

24-Cr-53

MAT 2434

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

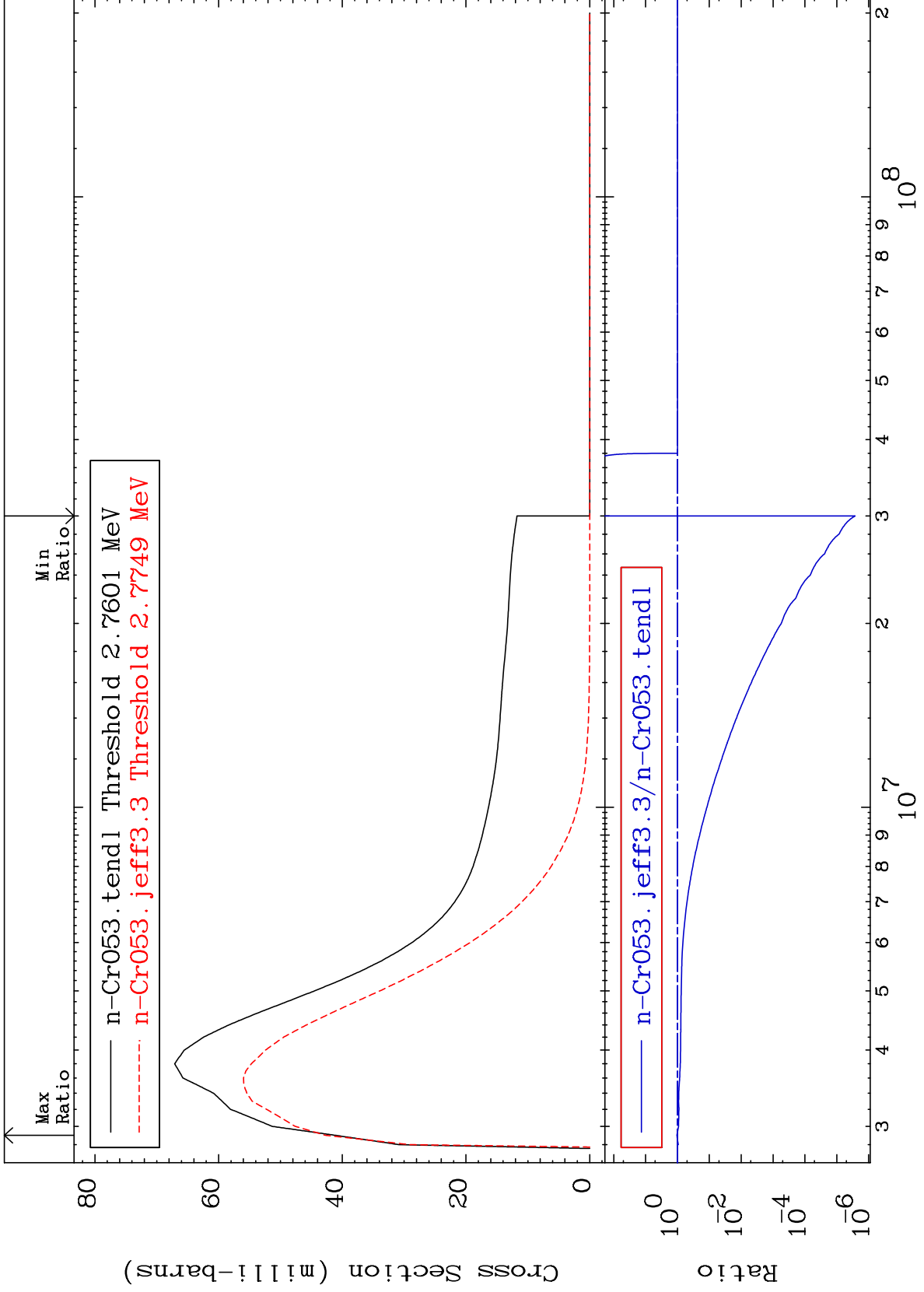
225.8 To 9999. %
24-Cr-53



MAT 2434

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

24-Cr-53
-100.0 To 3.872 %



18

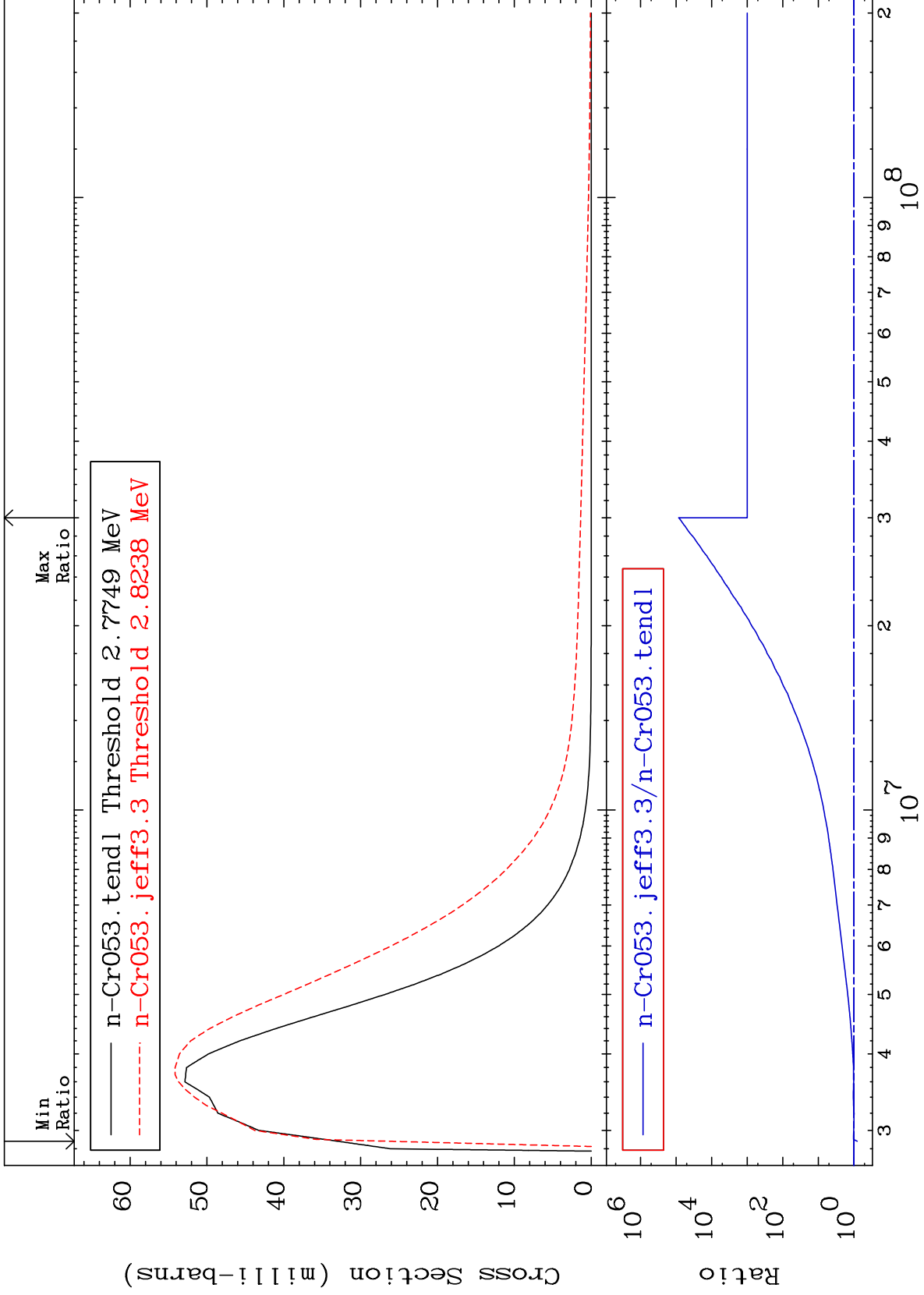
Incident Energy (eV)

24-Cr-53

MAT 2434

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

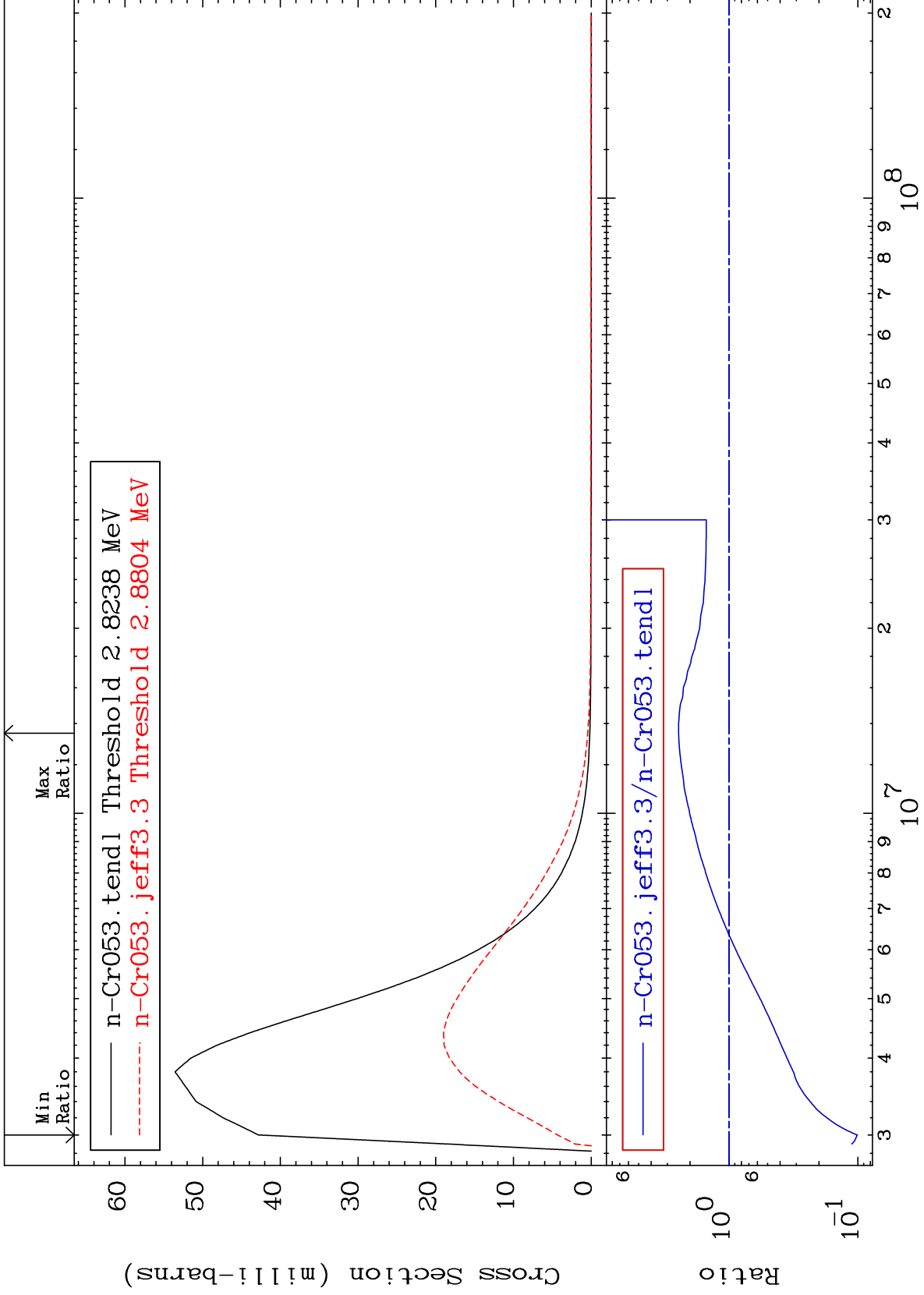
24-Cr-53
-19.55 To 9999. %



MAT 2434

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

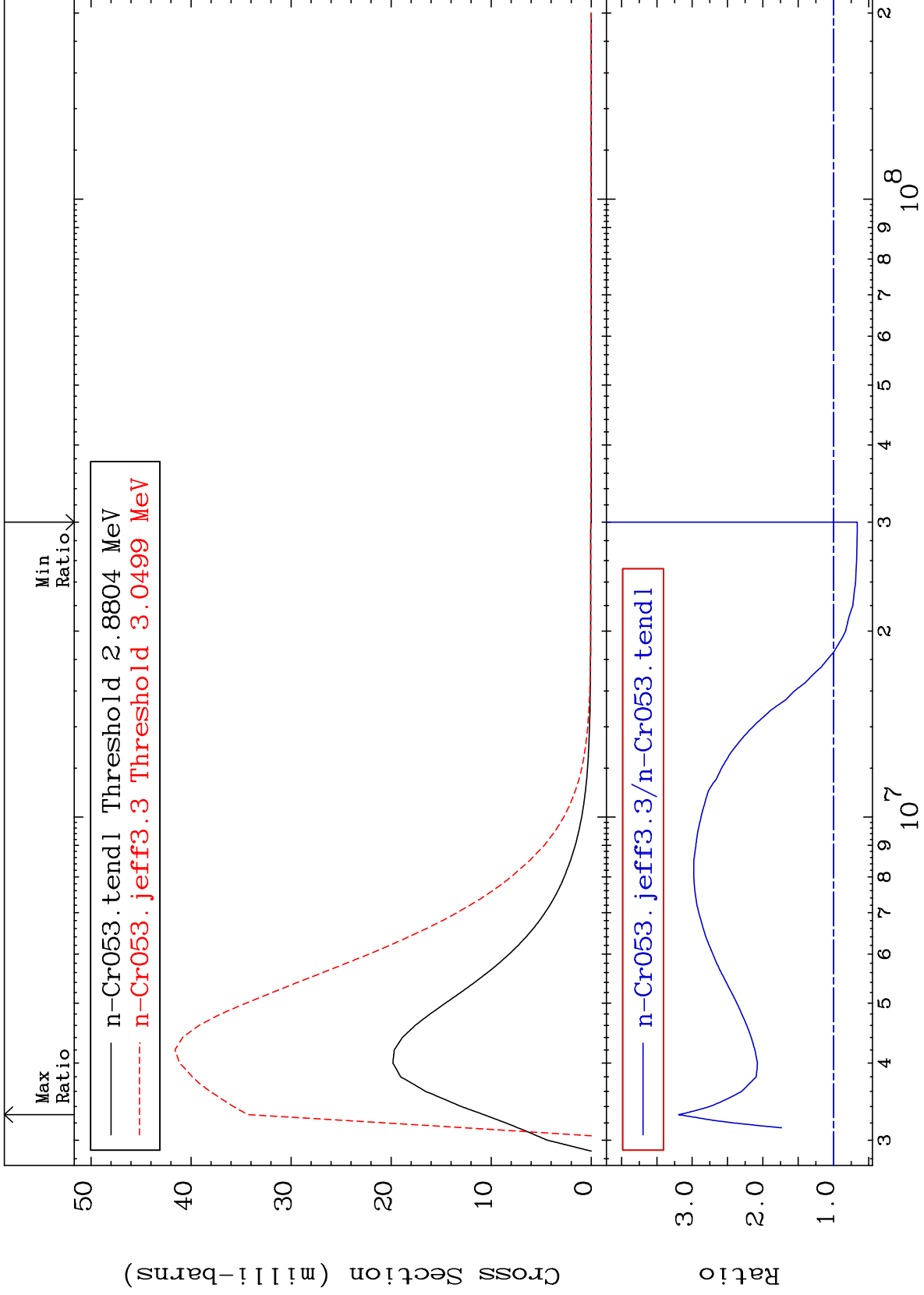
24-Cr-53
-89.89 To 145.0 %



MAT 2434

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

24-Cr-53
-33.66 To 219.2 %



21

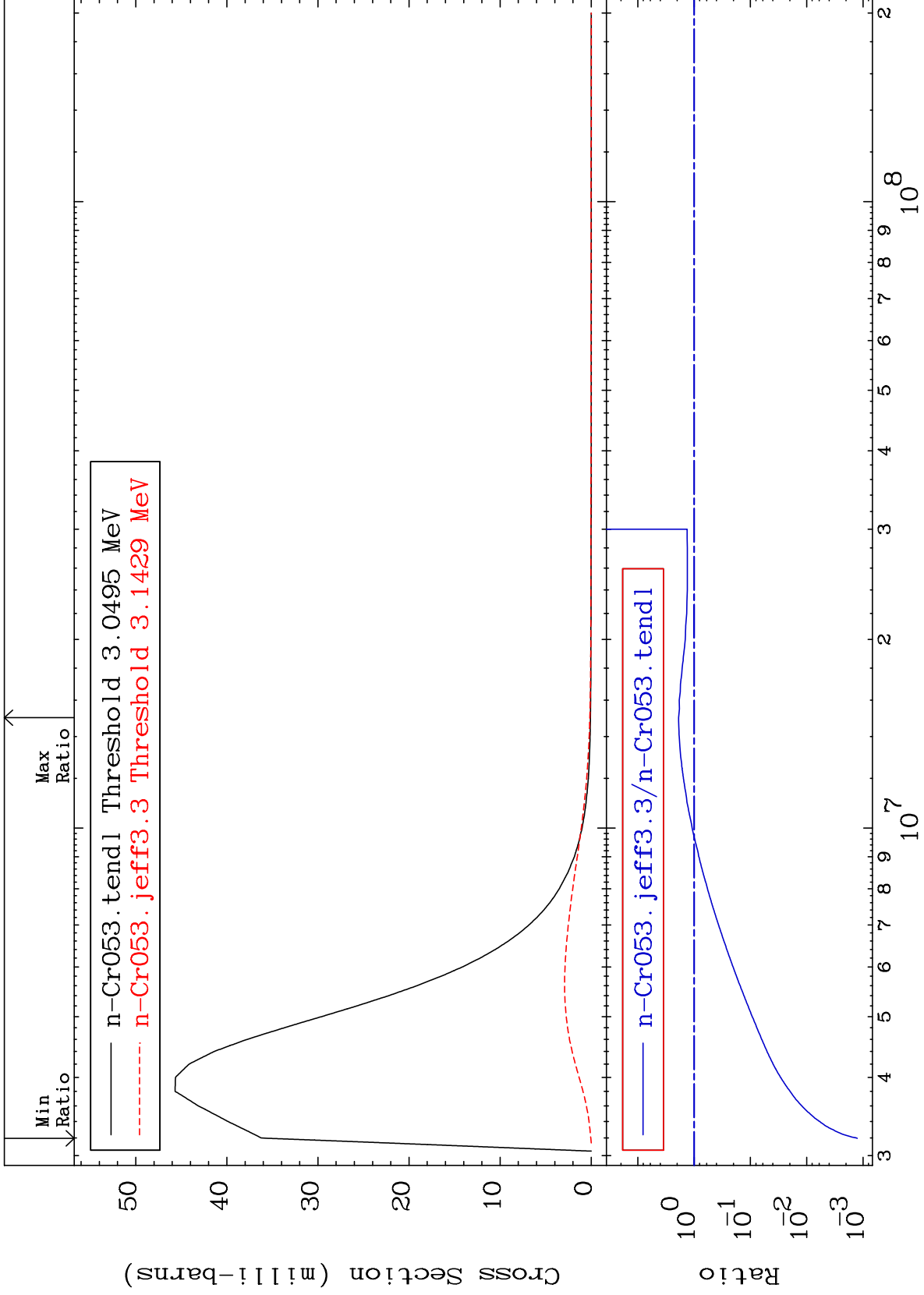
Incident Energy (eV)

24-Cr-53

MAT 2434

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

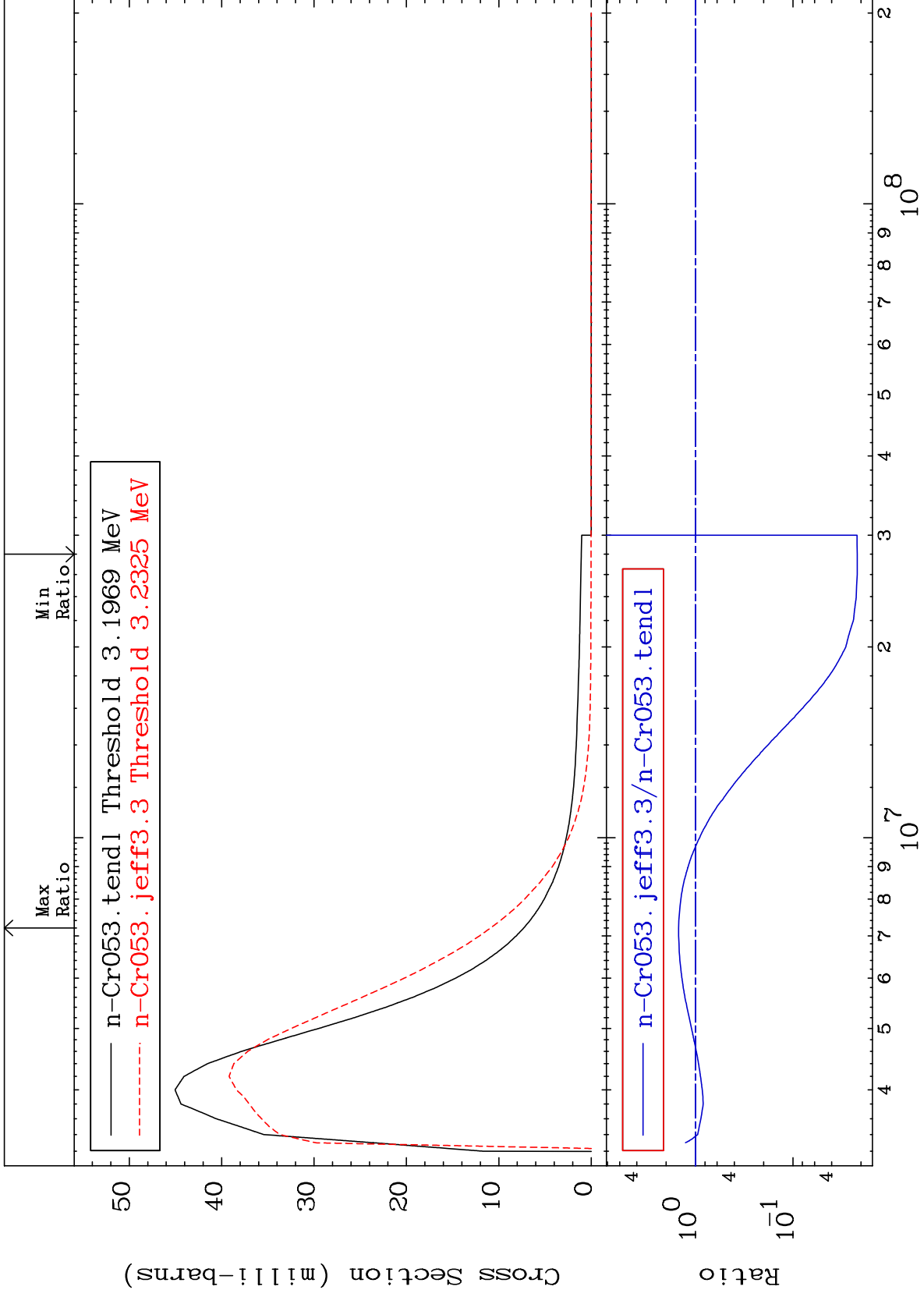
24-Cr-53
-99.87 To 88.46 %



MAT 2434

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

24-Cr-53
-97.81 To 49.06 %



24

24-Cr-53

24-Cr-53

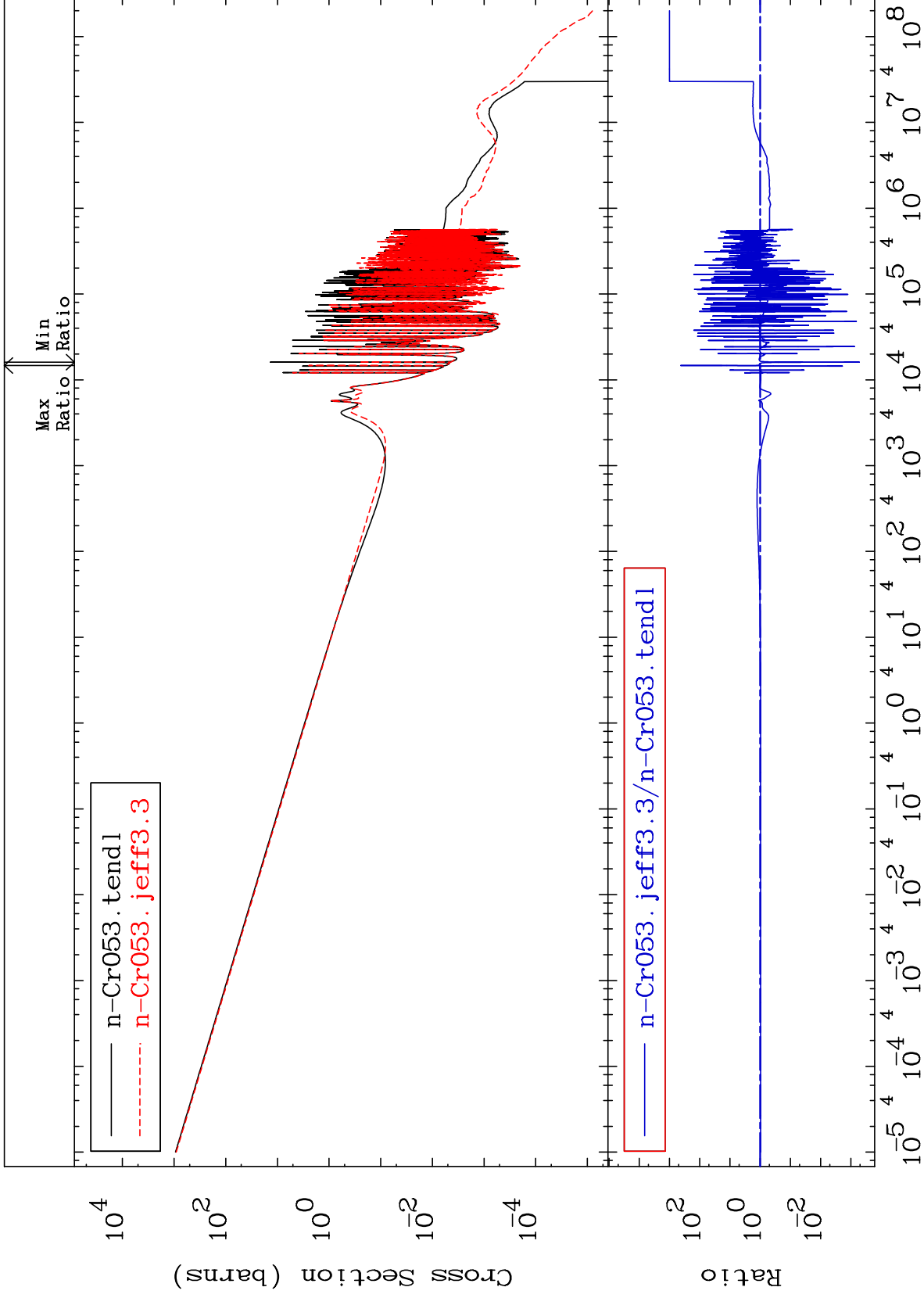
MAT 2434

(n, γ)

24-Cr-53

Cross Section

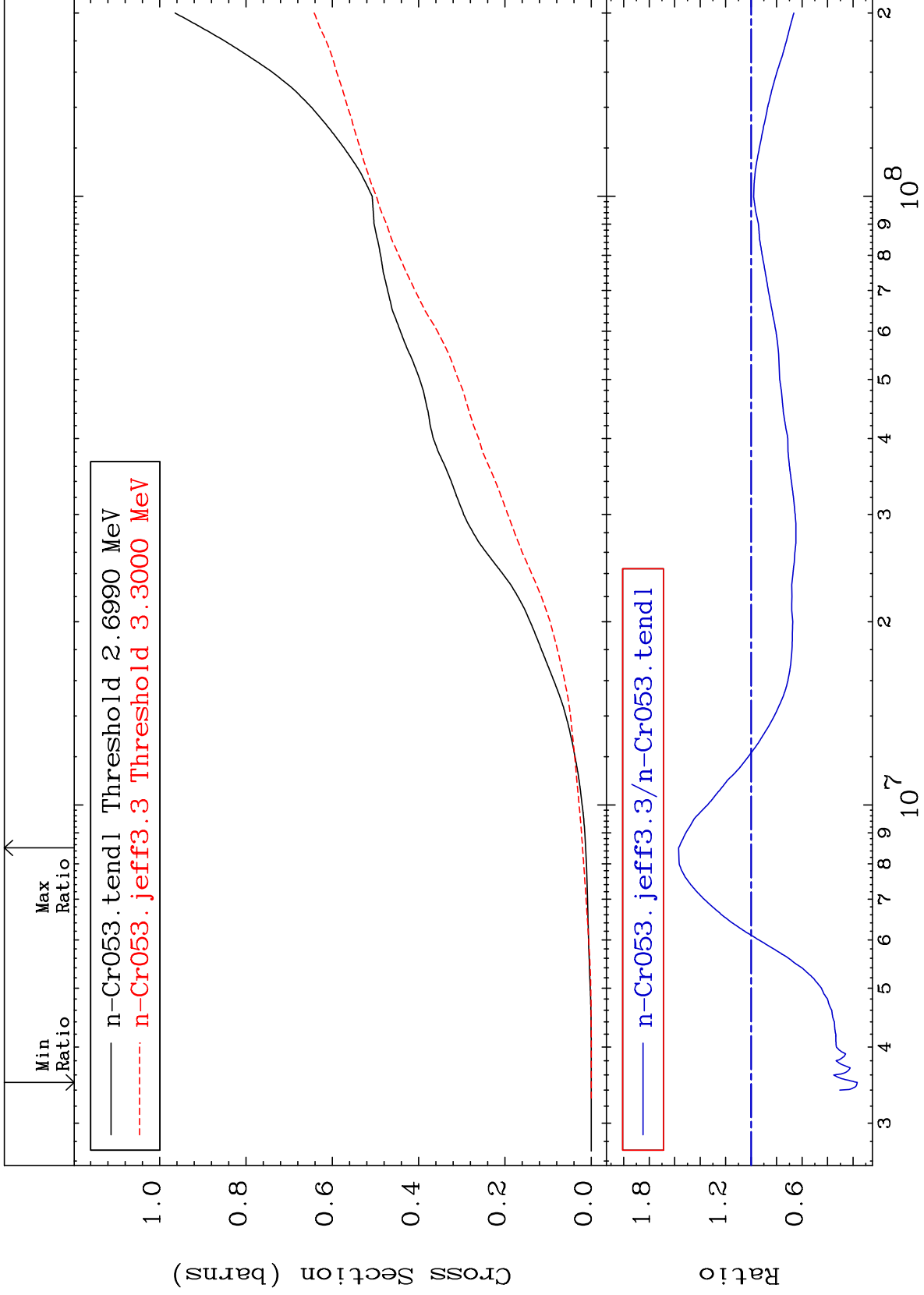
-99.95 To 9999. %



MAT 2434

Hydrogen Production
Cross Section

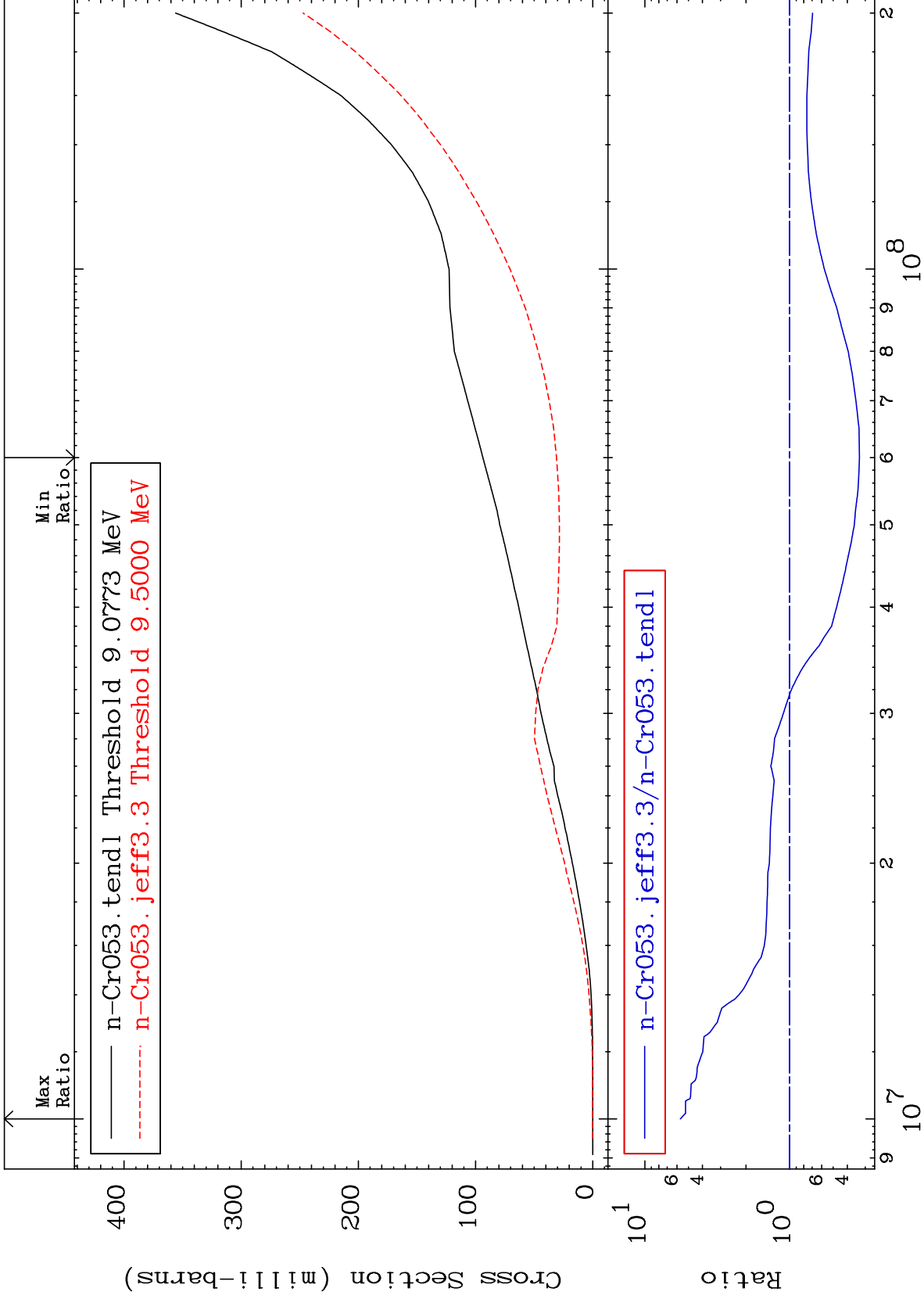
²⁴Cr-53
-83.26 To 56.91 %



MAT 2434

Deuterium Production
Cross Section

²⁴Cr-53
-67.03 To 468.1 %



27

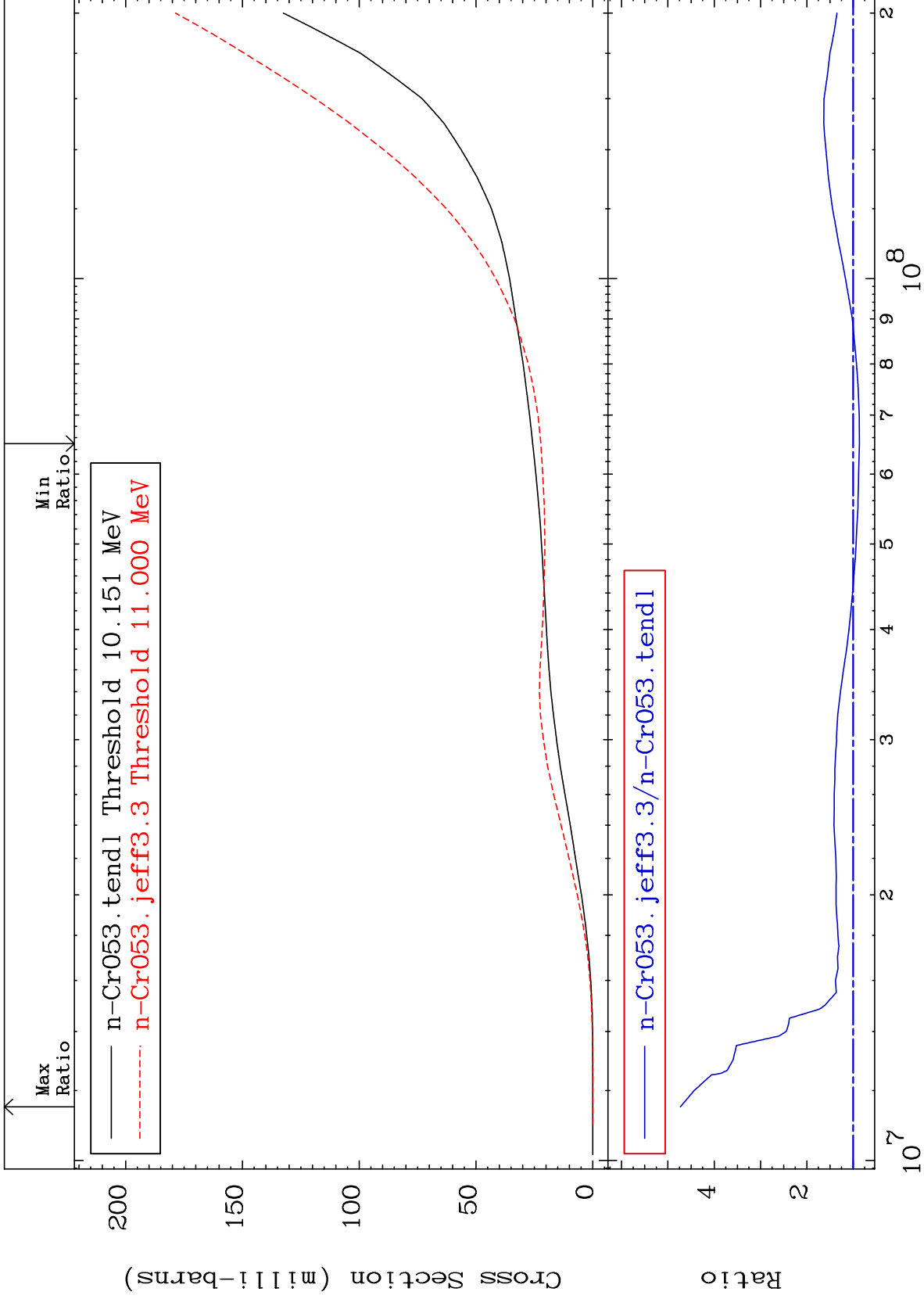
24-Cr-53

24-Cr-53

MAT 2434

Tritium Production
Cross Section

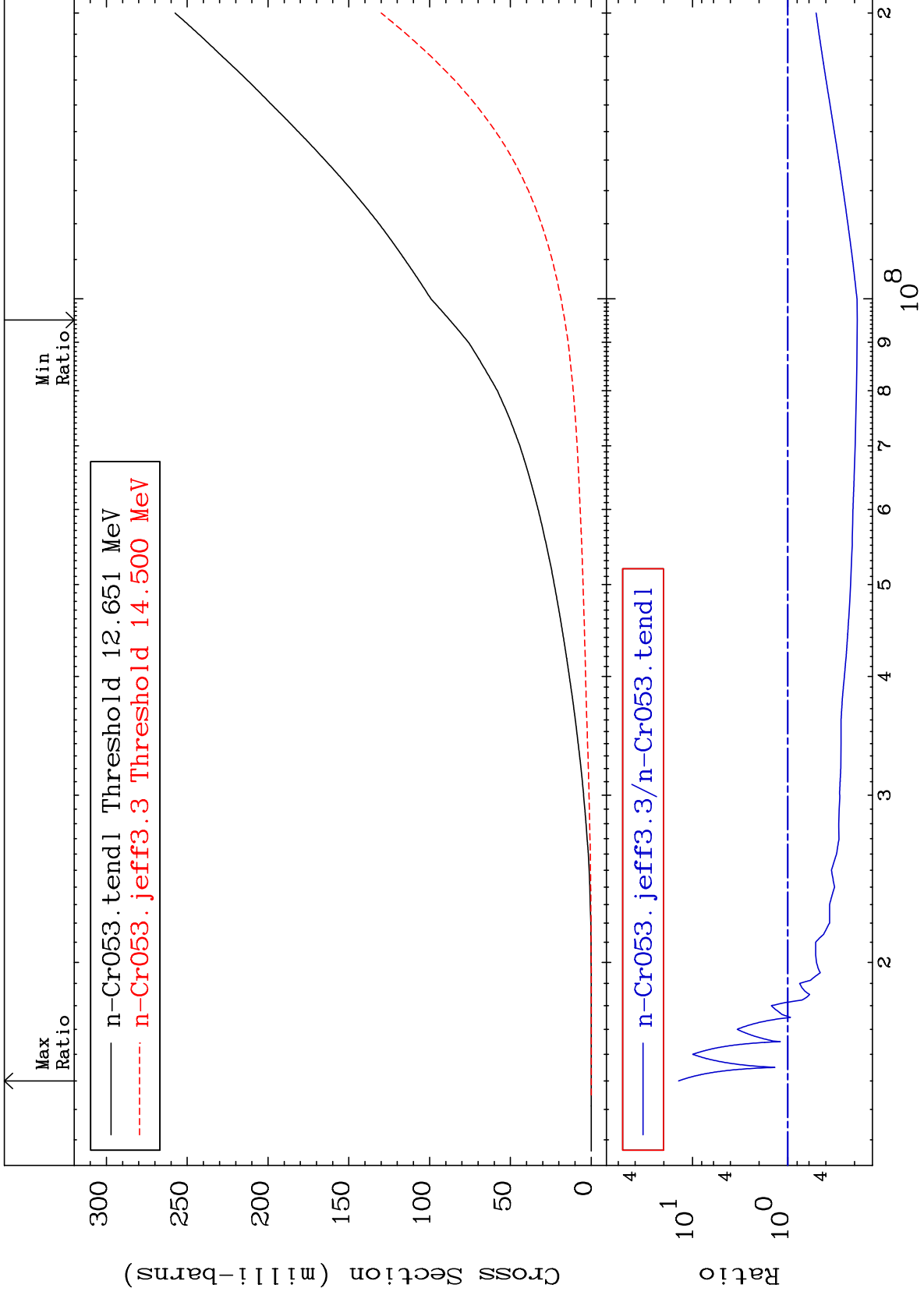
²⁴Cr-53
-13.61 To 373.1 %



28

Incident Energy (eV)

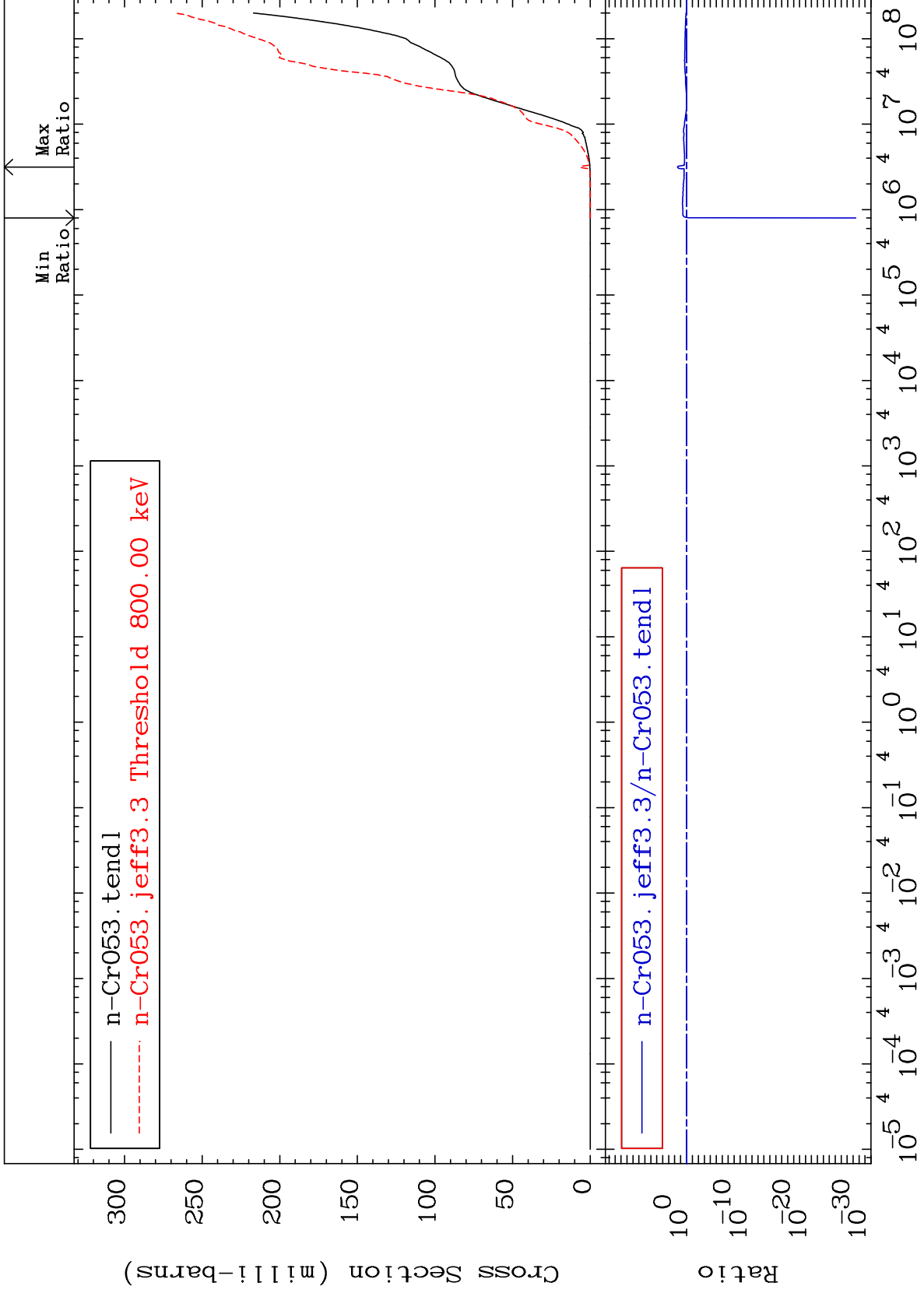
24-Cr-53



MAT 2434

He-4 Production
Cross Section

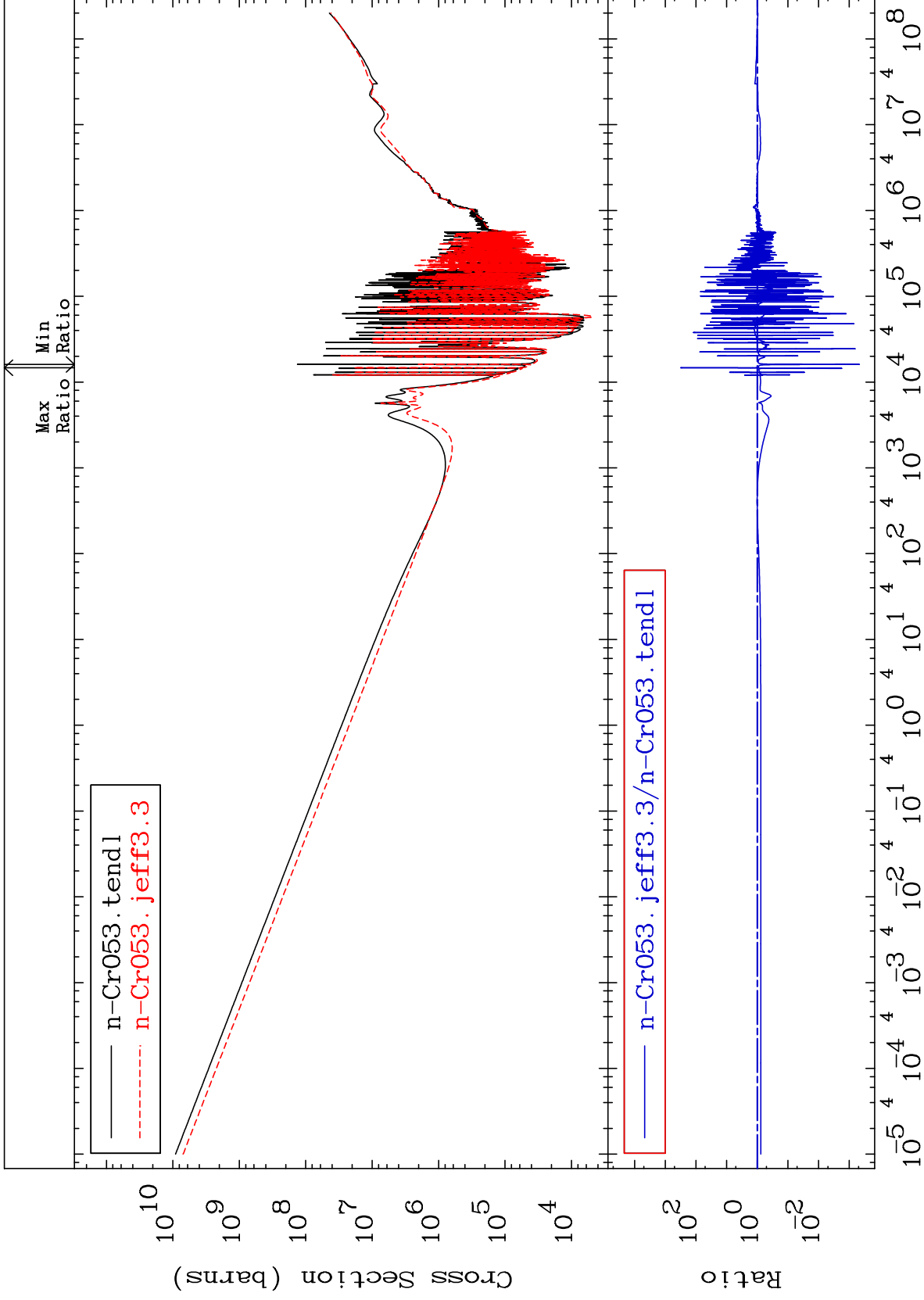
24-Cr-53
-100.0 To 3182. %



30

Incident Energy (eV)

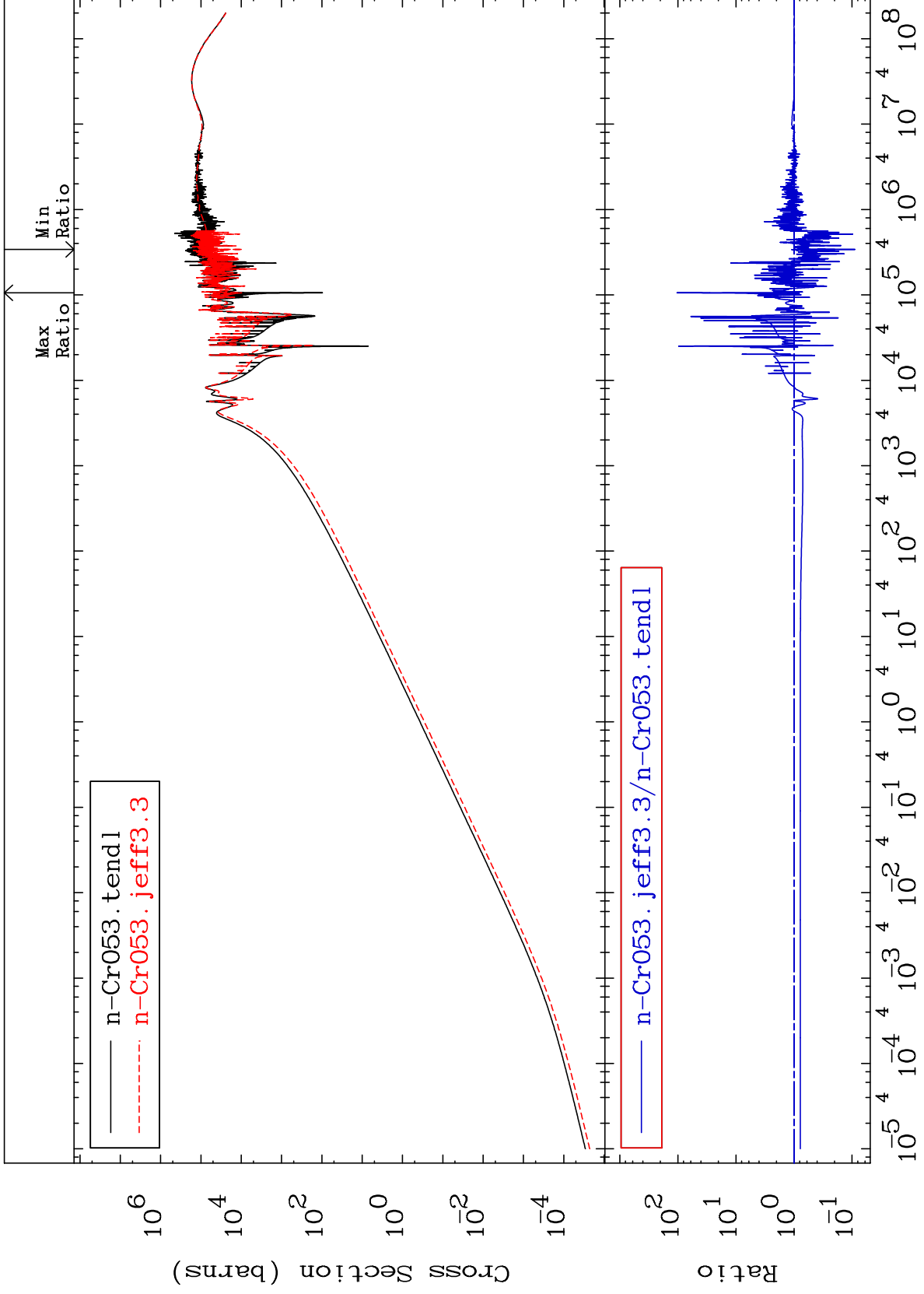
24-Cr-53

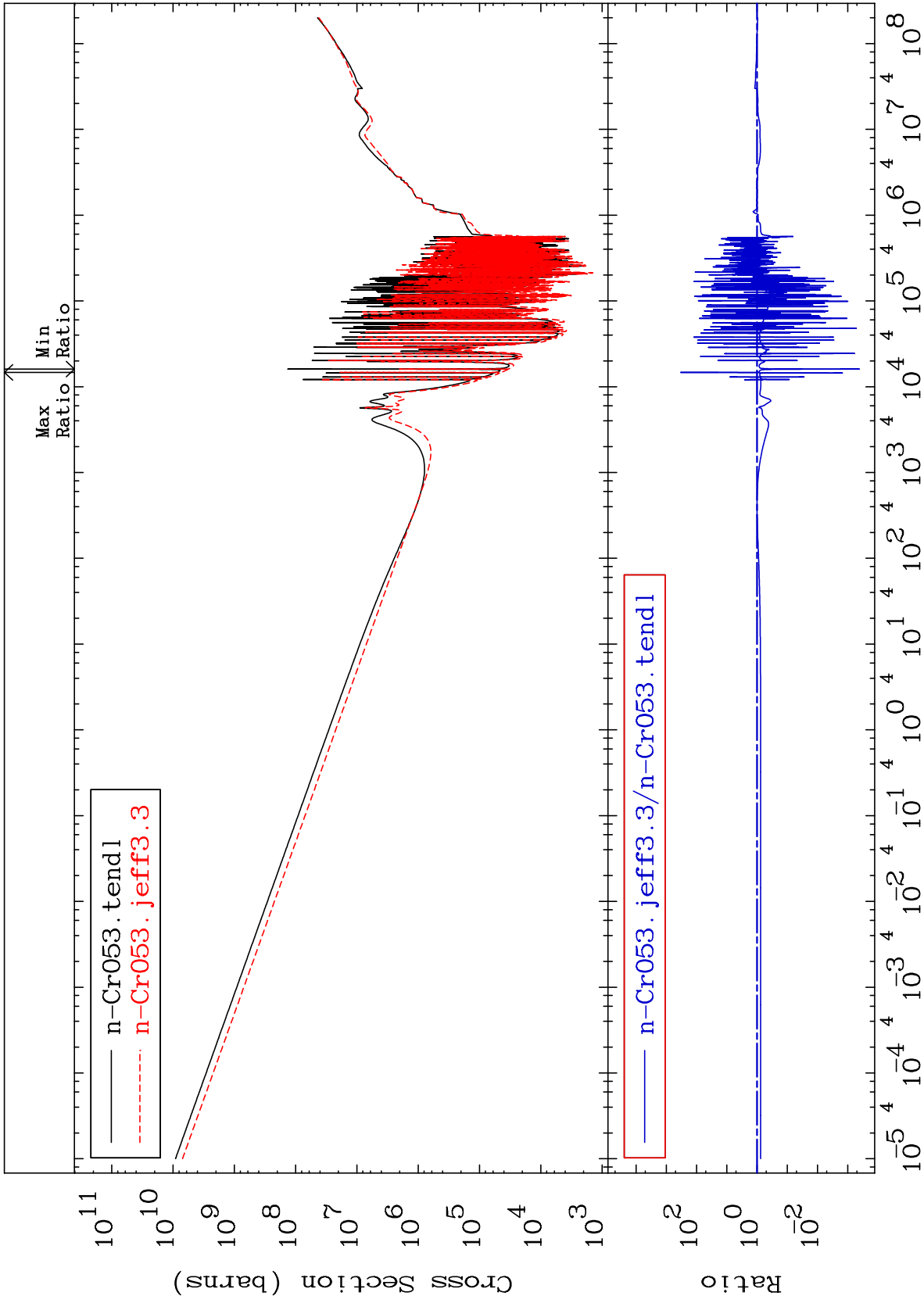


MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-91.13 To 9999. %

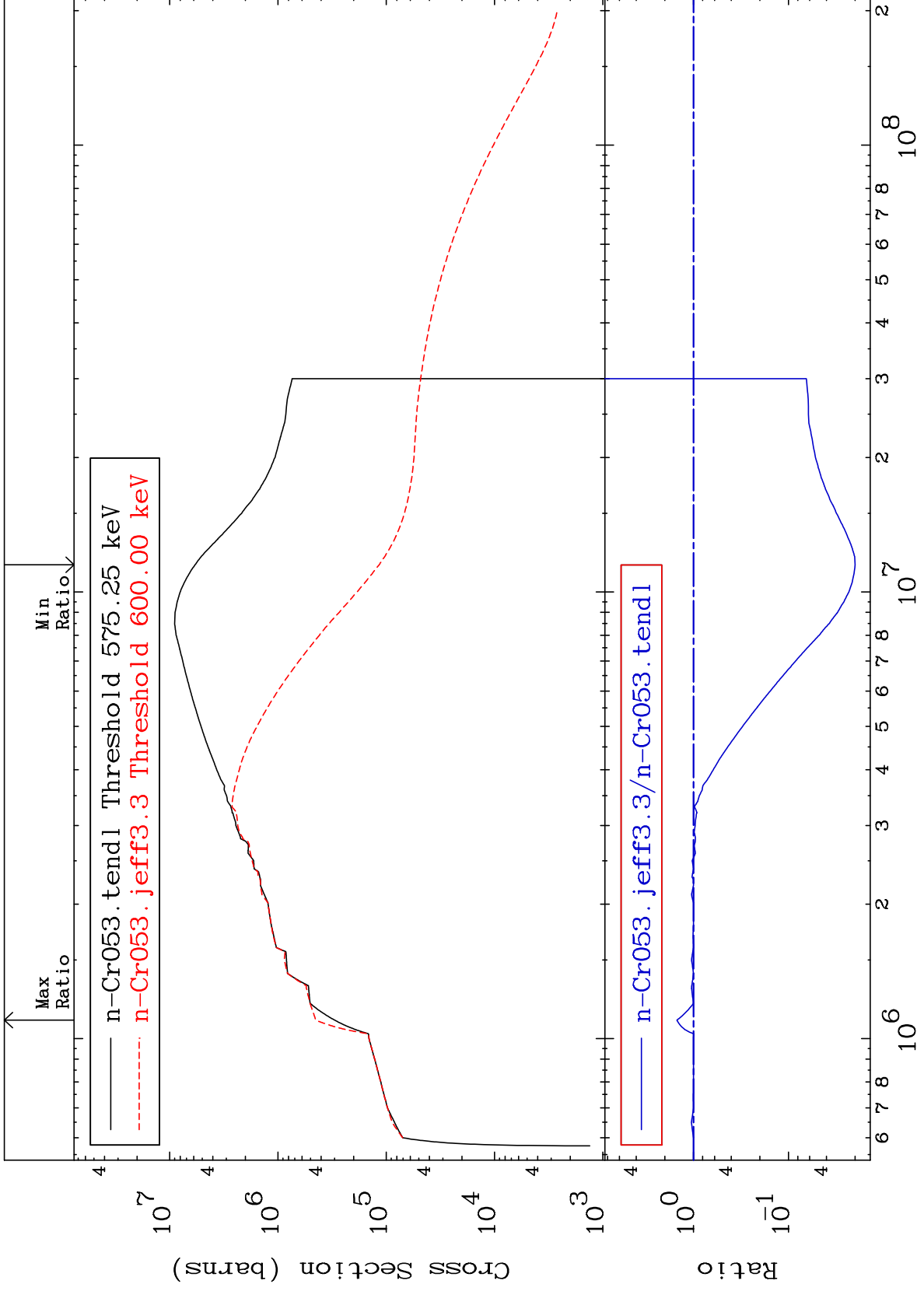




MAT 2434

Kerma inelastic (mt51-91)
Cross Section

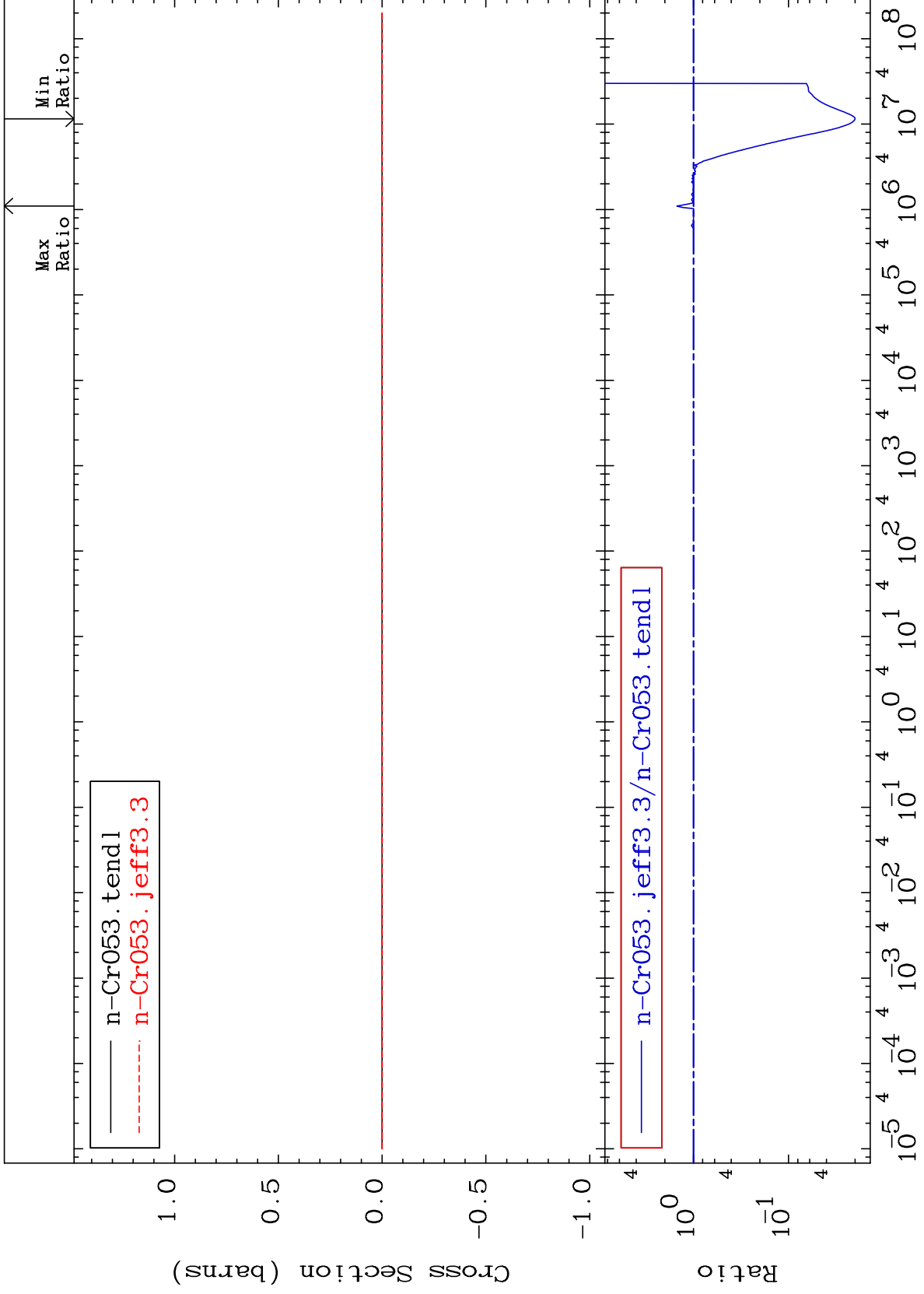
24-Cr-53
-98.00 To 49.32 %



MAT 2434

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

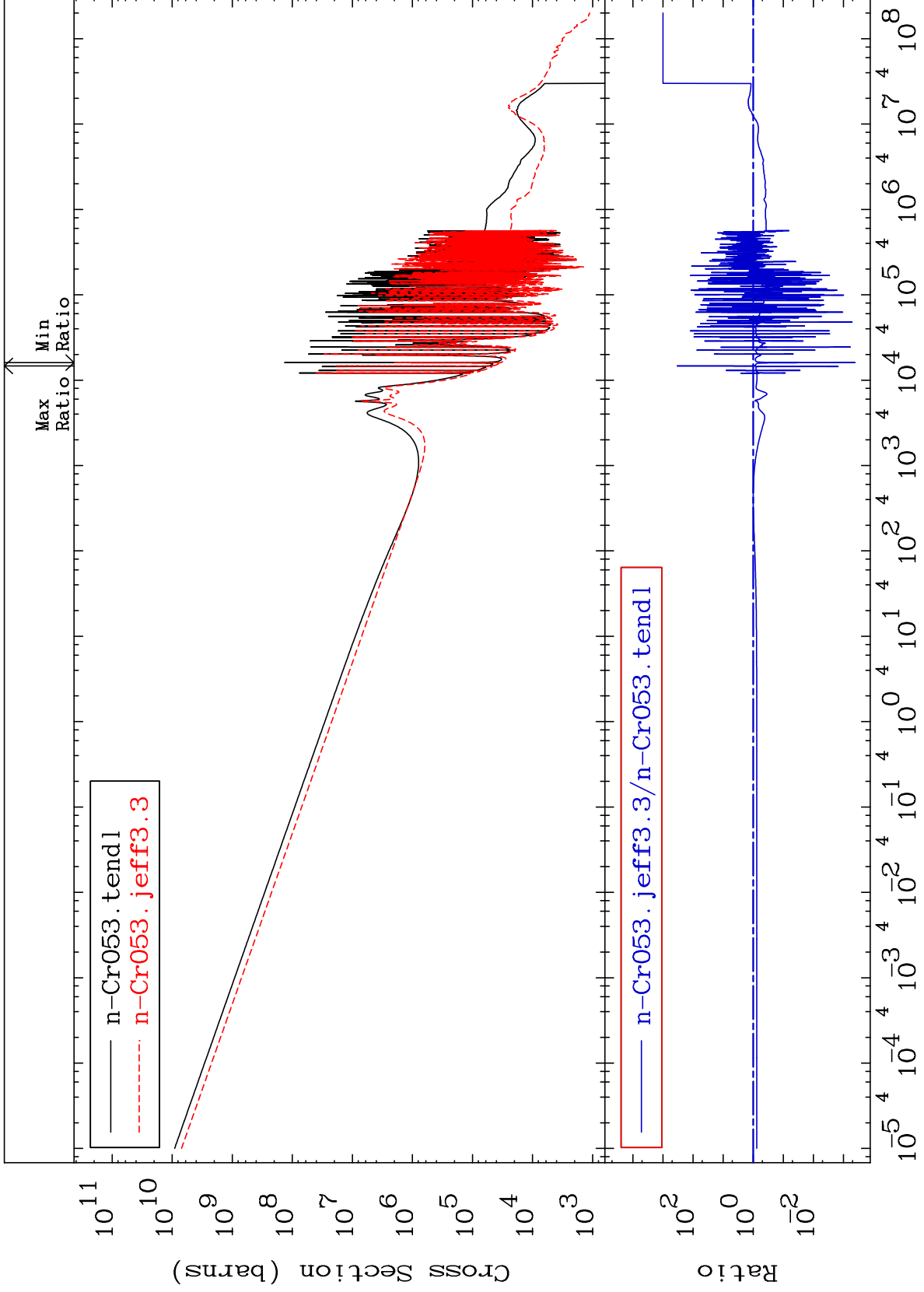
24-Cr-53
-98.00 To 49.32 %



MAT 2434

Kerma capture (mt102)
Cross Section

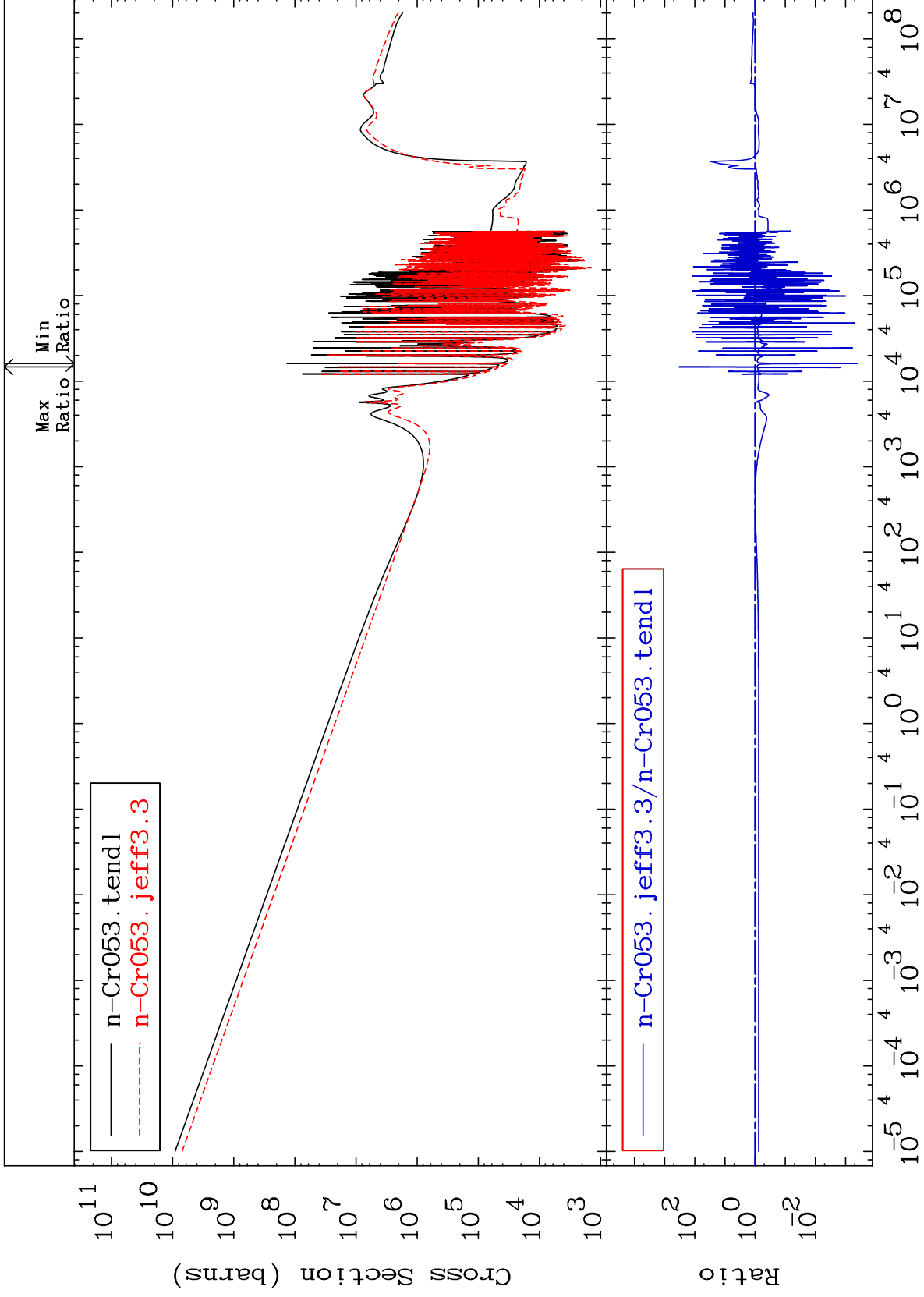
24-Cr-53
-99.96 To 9999. %



MAT 2434

Total photon (eV-barns)
Cross Section

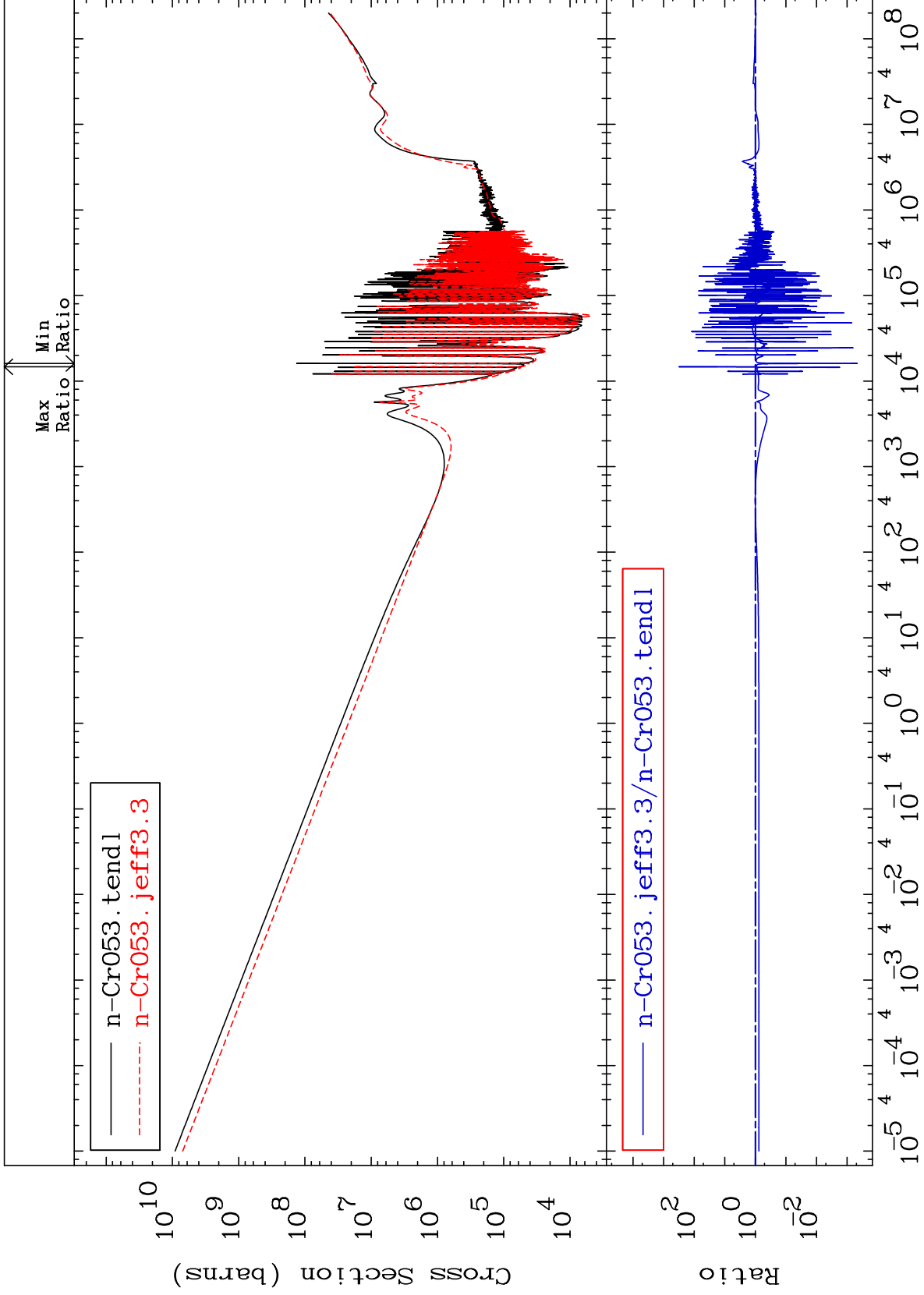
24-Cr-53
-99.96 To 9999. %



MAT 2434

Total kinematic kerma (high limit)
Cross Section

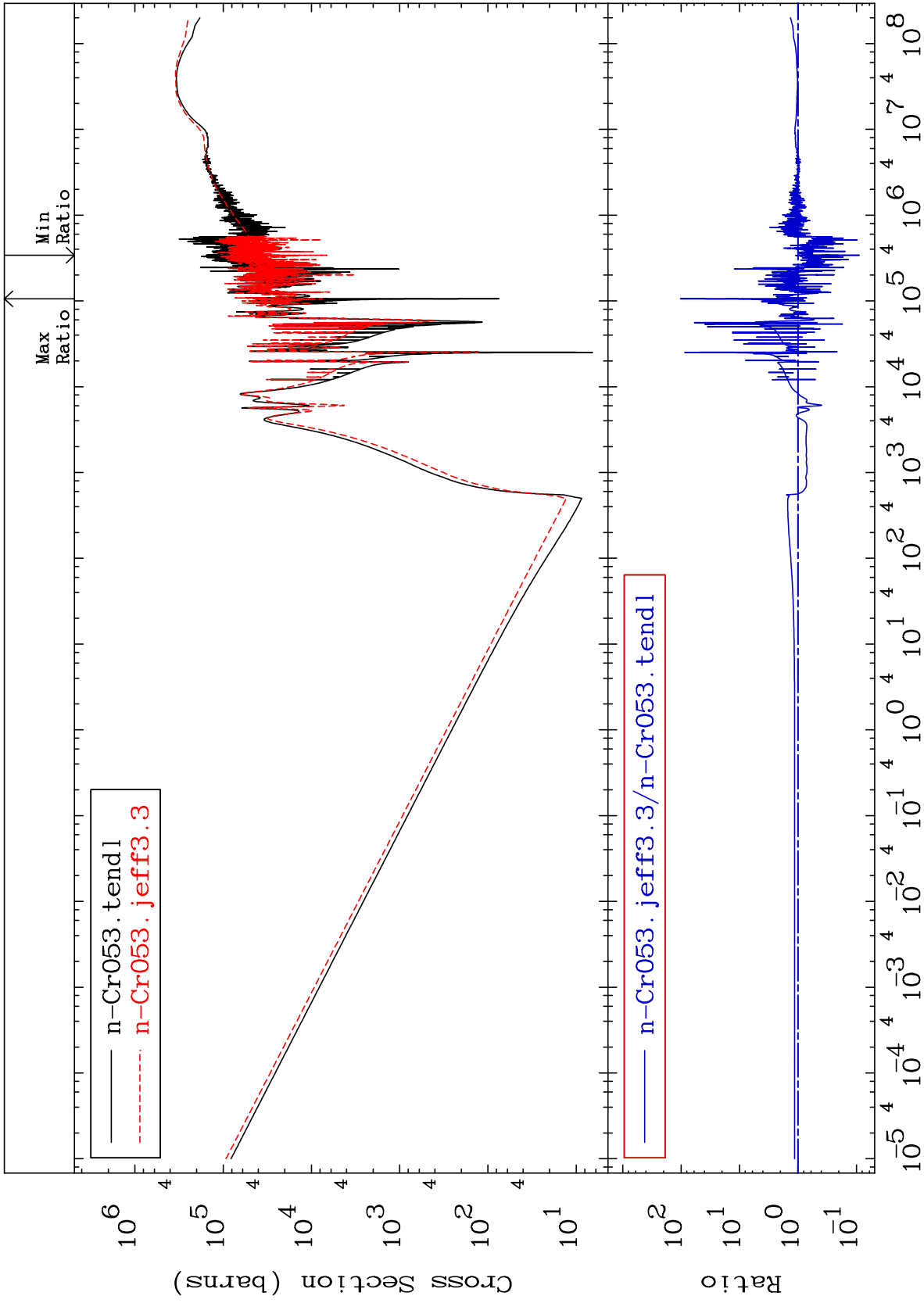
24-Cr-53
-99.95 To 9999. %

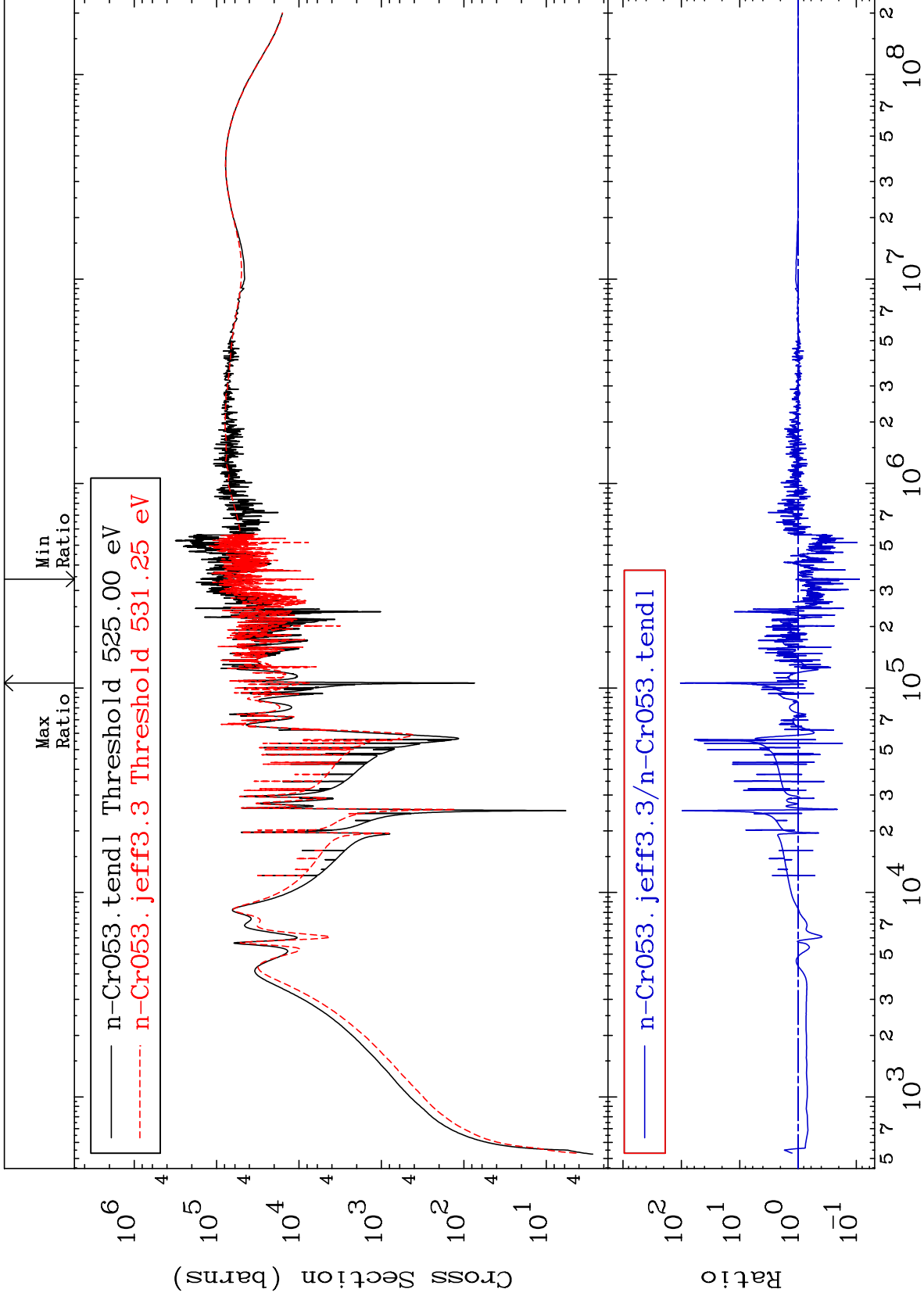


MAT 2434

Dpa total (eV-barns)
Cross Section

24-Cr-53
-91.12 To 9999. %





MAT 2434

Dpa inelastic (mt51-91)
Cross Section

24-Cr-53
-89.34 To 28.64 %

