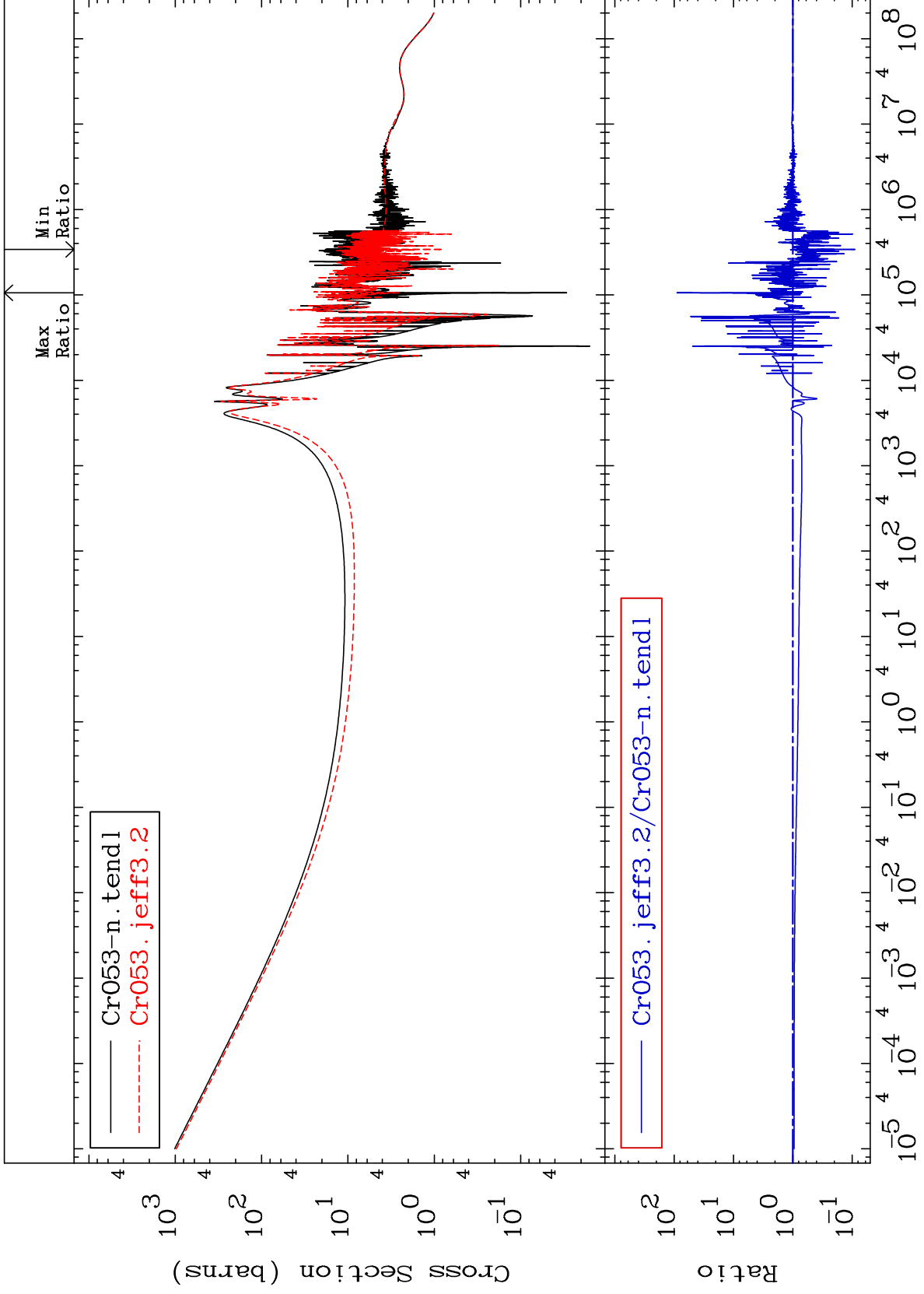


MAT 2434

Total
Cross Section

24-Cr-53
-91.05 To 8917. %



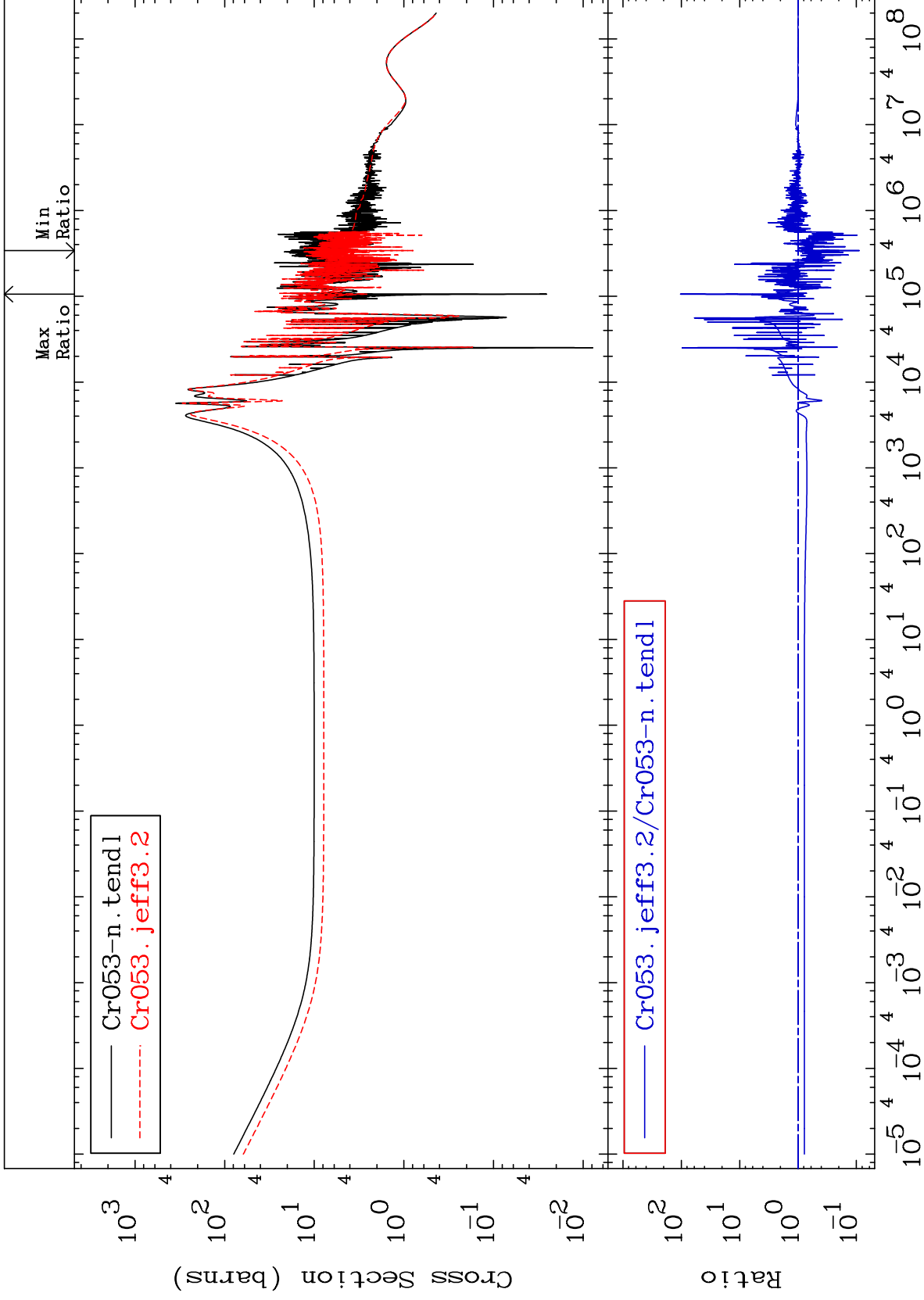
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic
Cross Section

24-Cr-53
-91.13 To 9999. %



Incident Energy (eV)

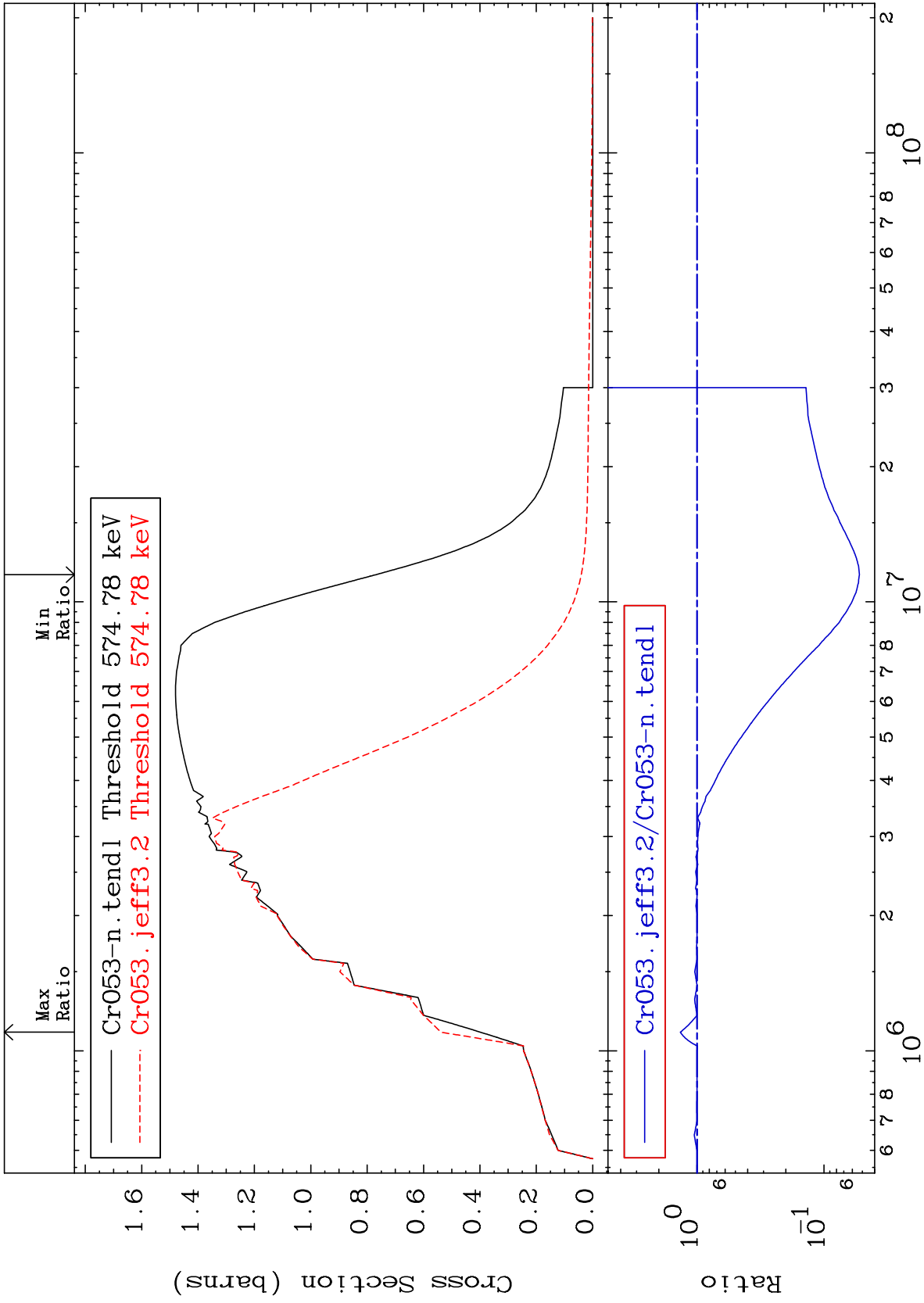
24-Cr-53

2

MAT 2434

Inelastic
Cross Section

24-Cr-53
-94.73 To 35.37 %



3

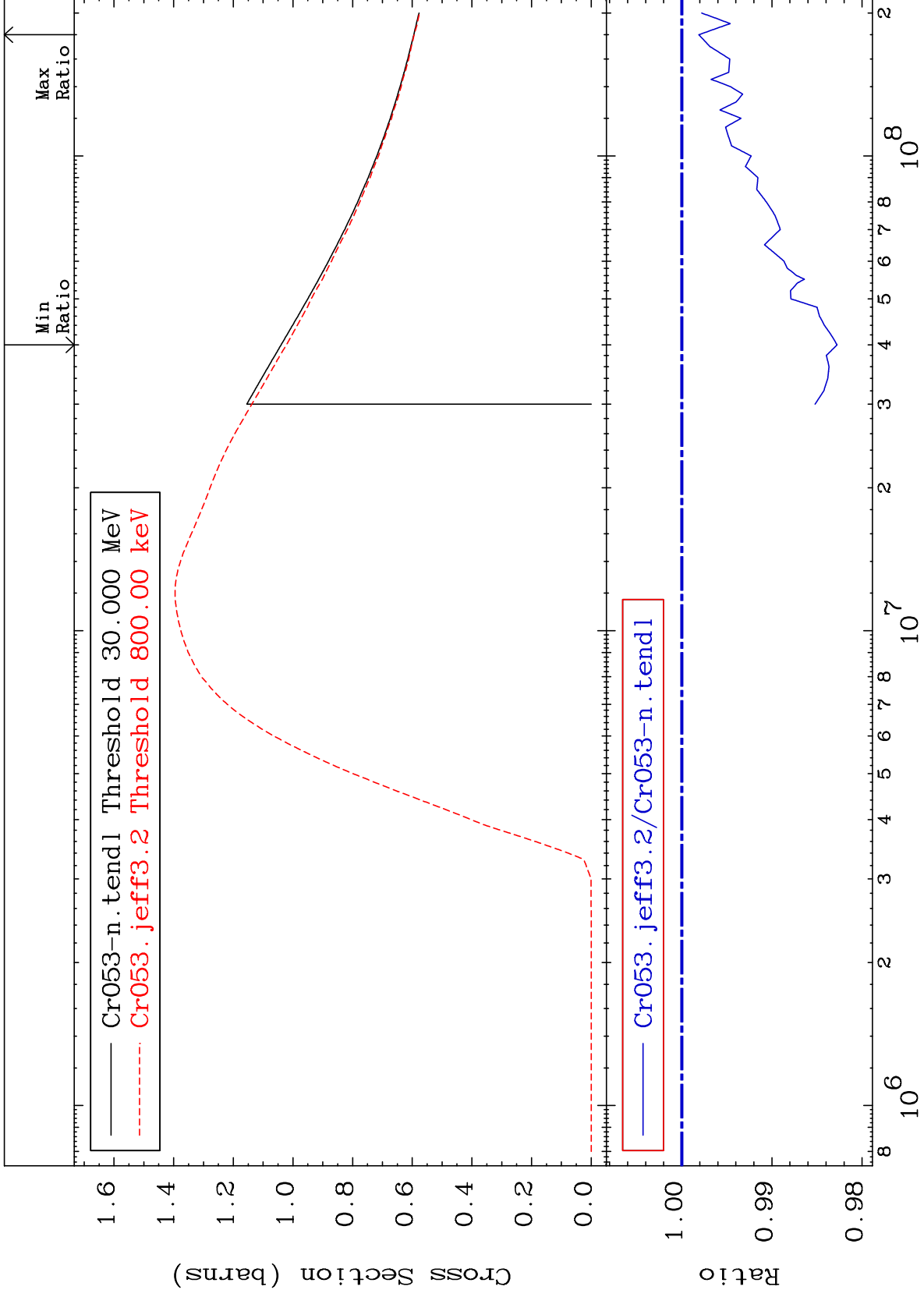
Incident Energy (eV)

24-Cr-53

MAT 2434

(n, remainder)
Cross Section

²⁴Cr-53
-1.723 To -0.189%



Incident Energy (eV)

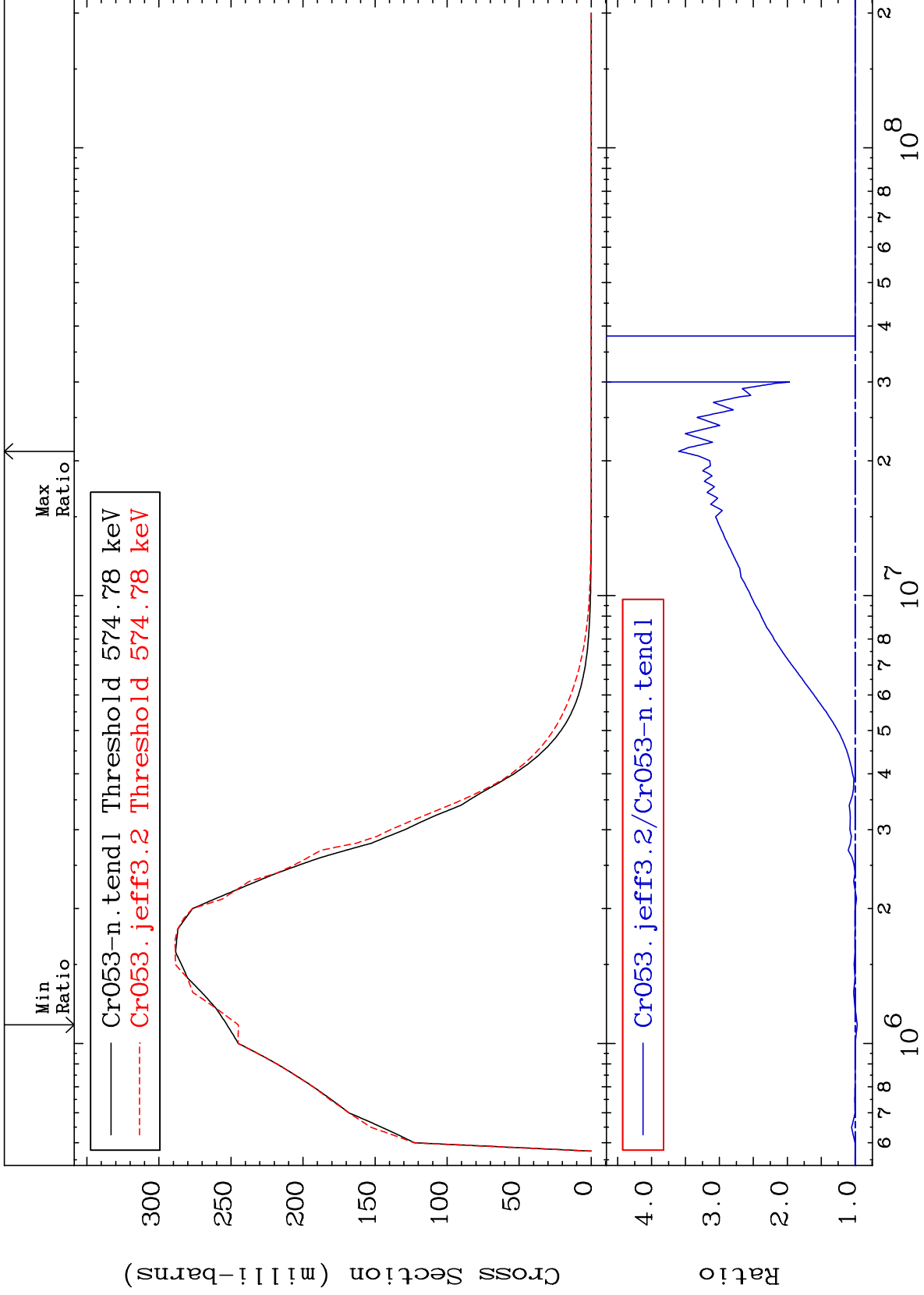
²⁴Cr-53

4

MAT 2434

564.0 keV (n,n') Level
Cross Section

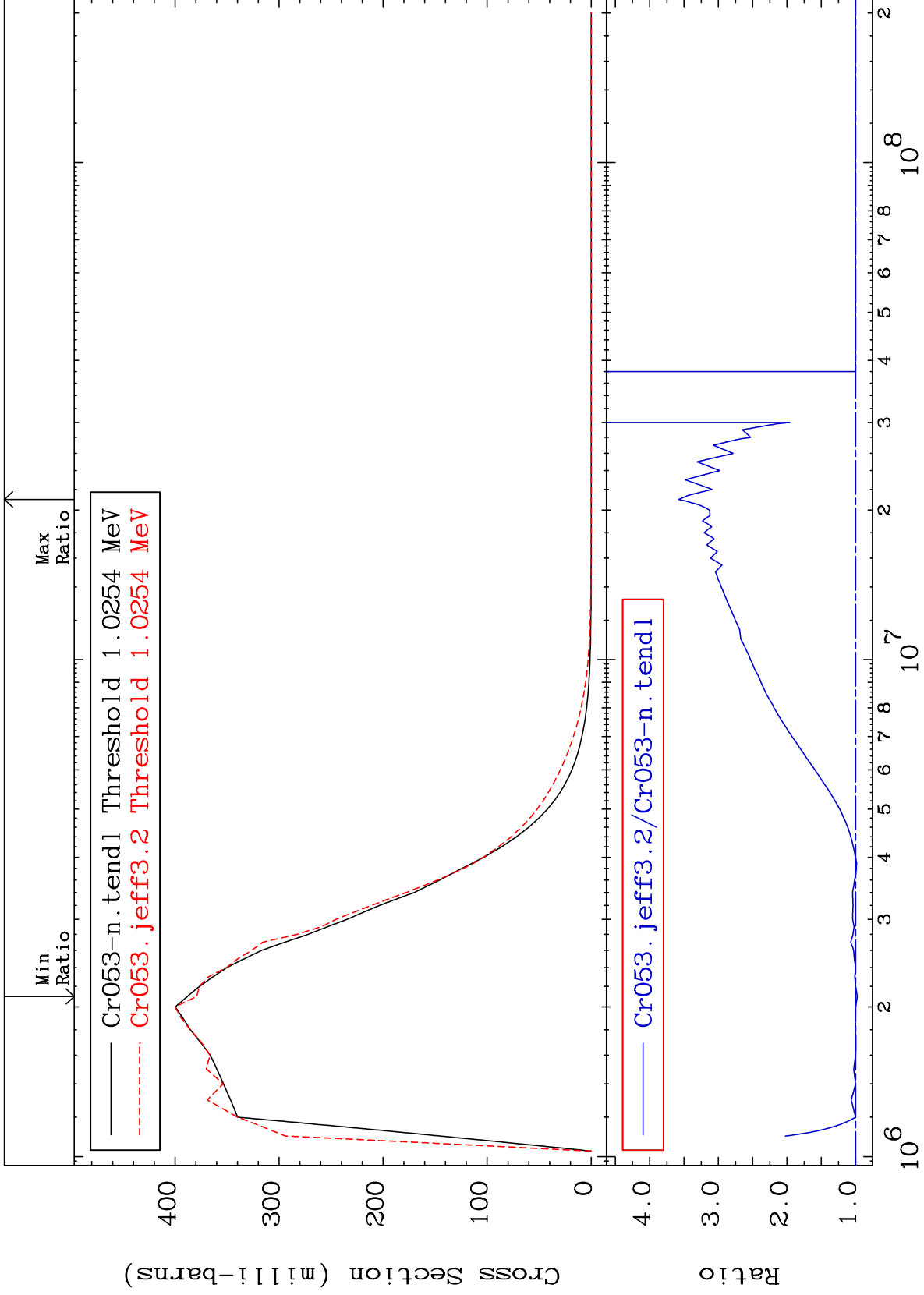
24-Cr-53
-3.109 To 260.1 %



MAT 2434

1.006 MeV (n,n') Level
Cross Section

24-Cr-53
-2.306 To 257.8 %



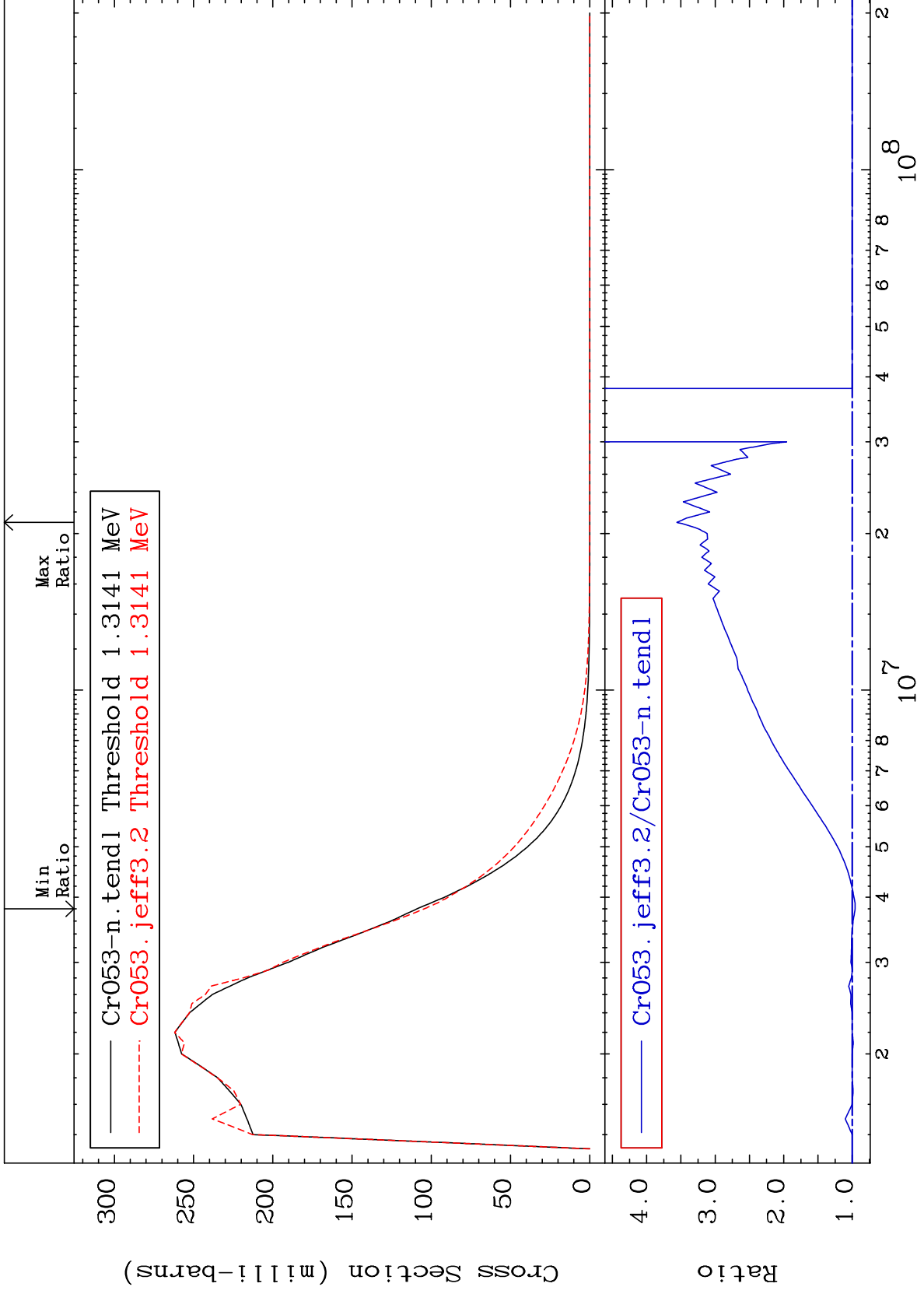
Incident Energy (eV)

24-Cr-53

MAT 2434

1.290 MeV (n,n') Level
Cross Section

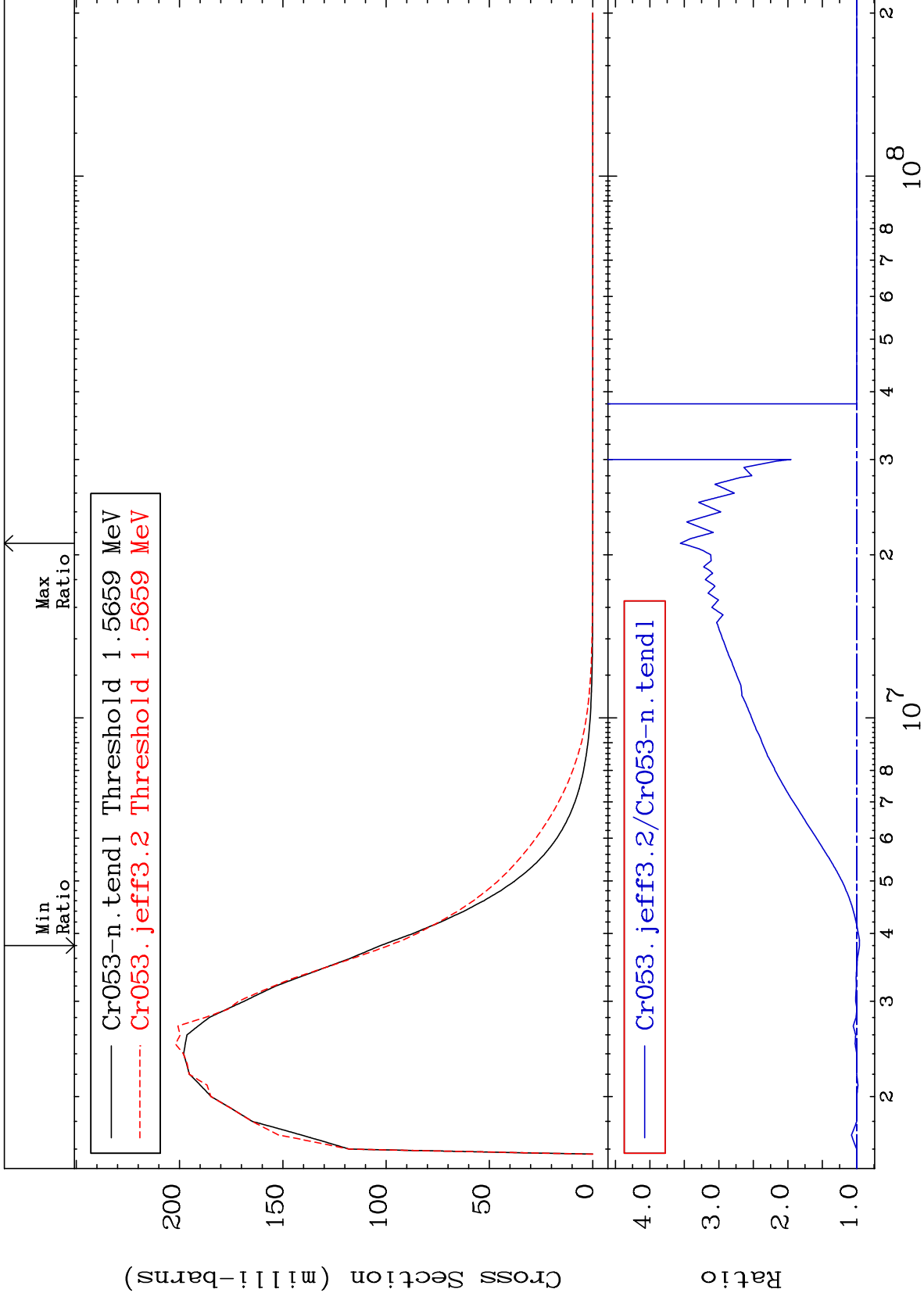
24-Cr-53
-4.167 To 255.8 %



MAT 2434

1.537 MeV (n,n') Level
Cross Section

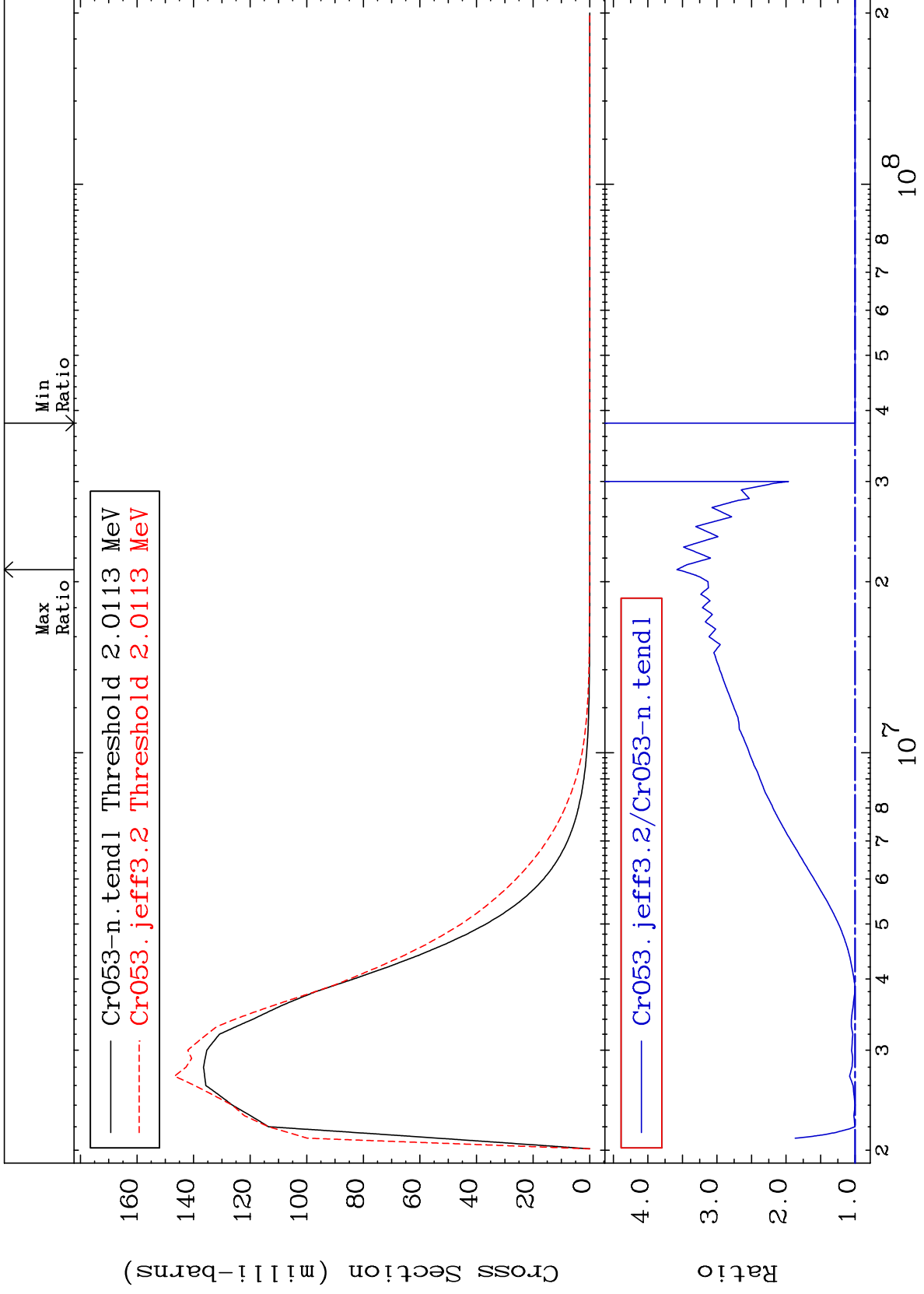
24-Cr-53
-3.870 To 255.8 %



MAT 2434

1.974 MeV (n,n') Level
Cross Section

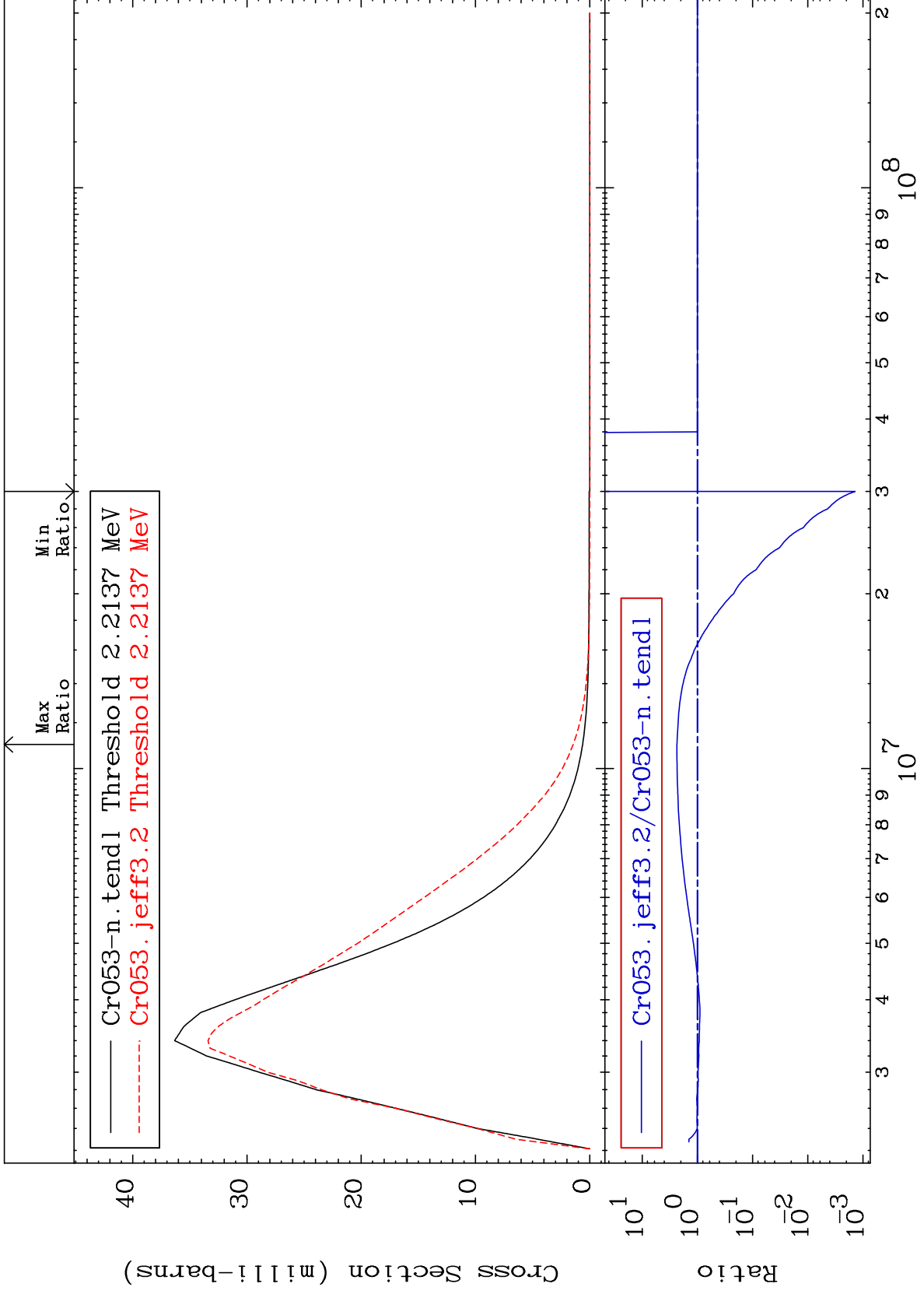
24-Cr-53
0.000 To 257.9 %



MAT 2434

2.172 MeV (n,n') Level
Cross Section

24-Cr-53
-99.86 To 134.5 %



10

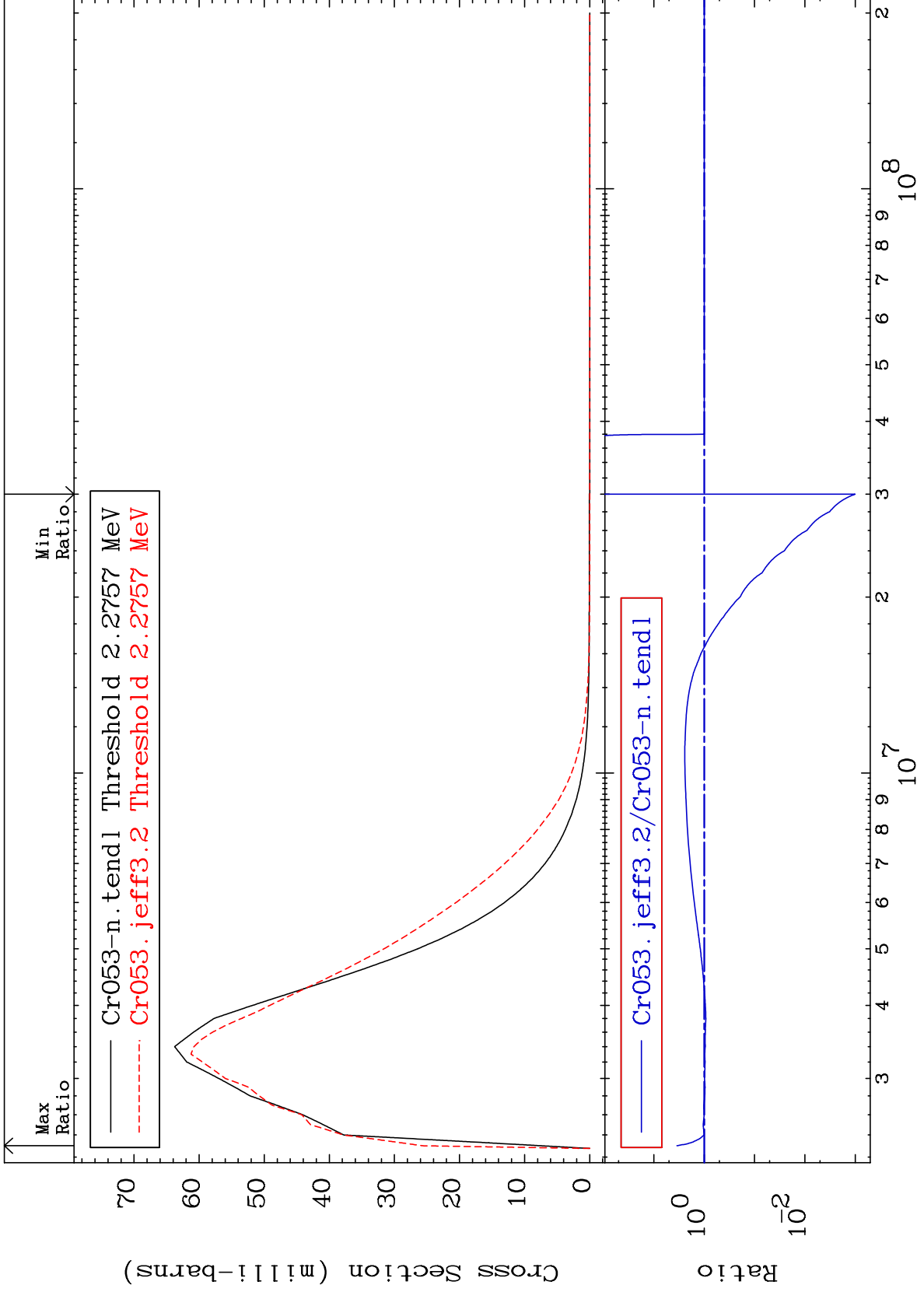
Incident Energy (eV)

24-Cr-53

MAT 2434

2.233 MeV (n,n') Level
Cross Section

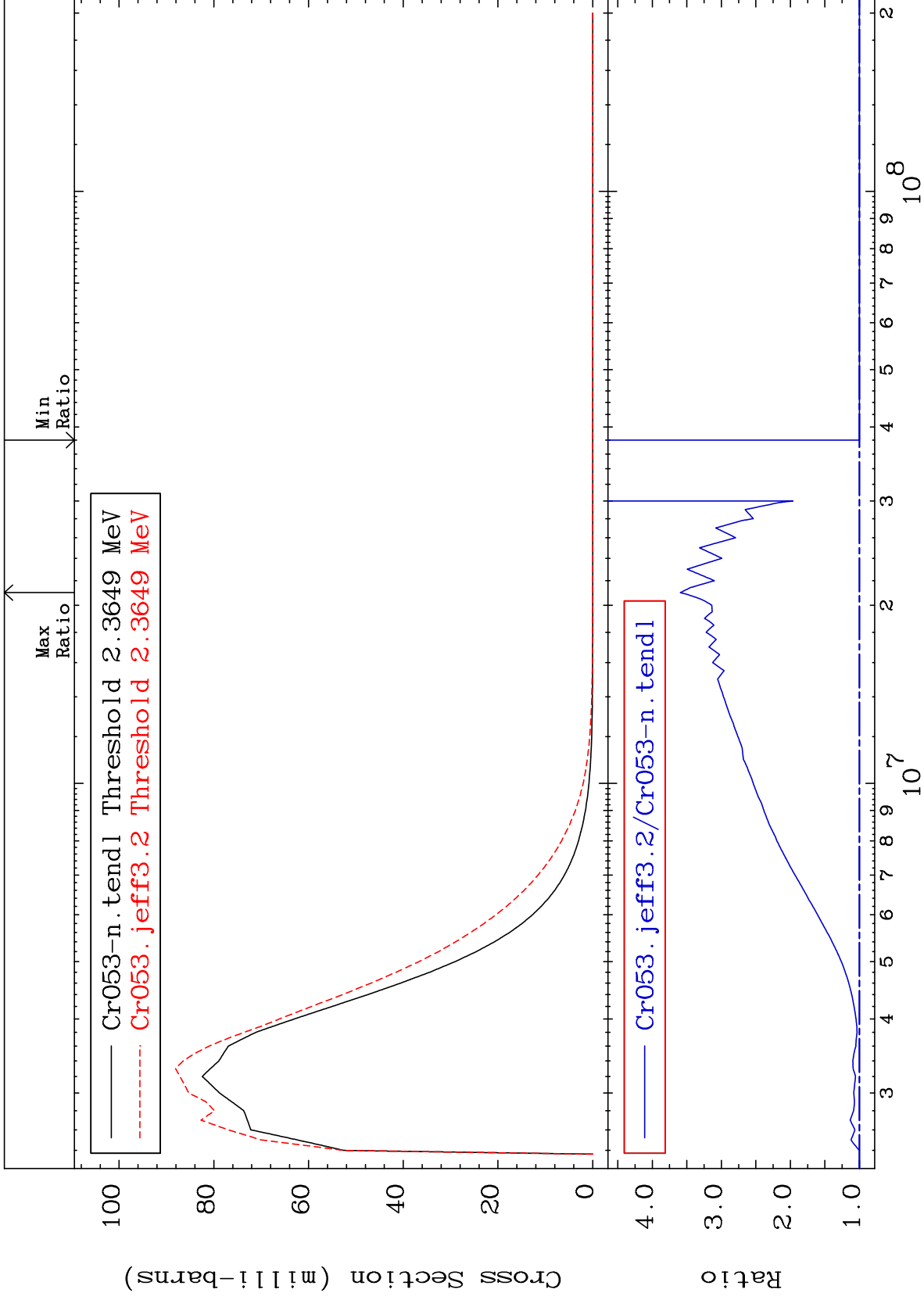
24-Cr-53
-99.90 To 247.3 %



MAT 2434

2.321 MeV (n,n') Level
Cross Section

24-Cr-53
0.000 To 259.4 %



12

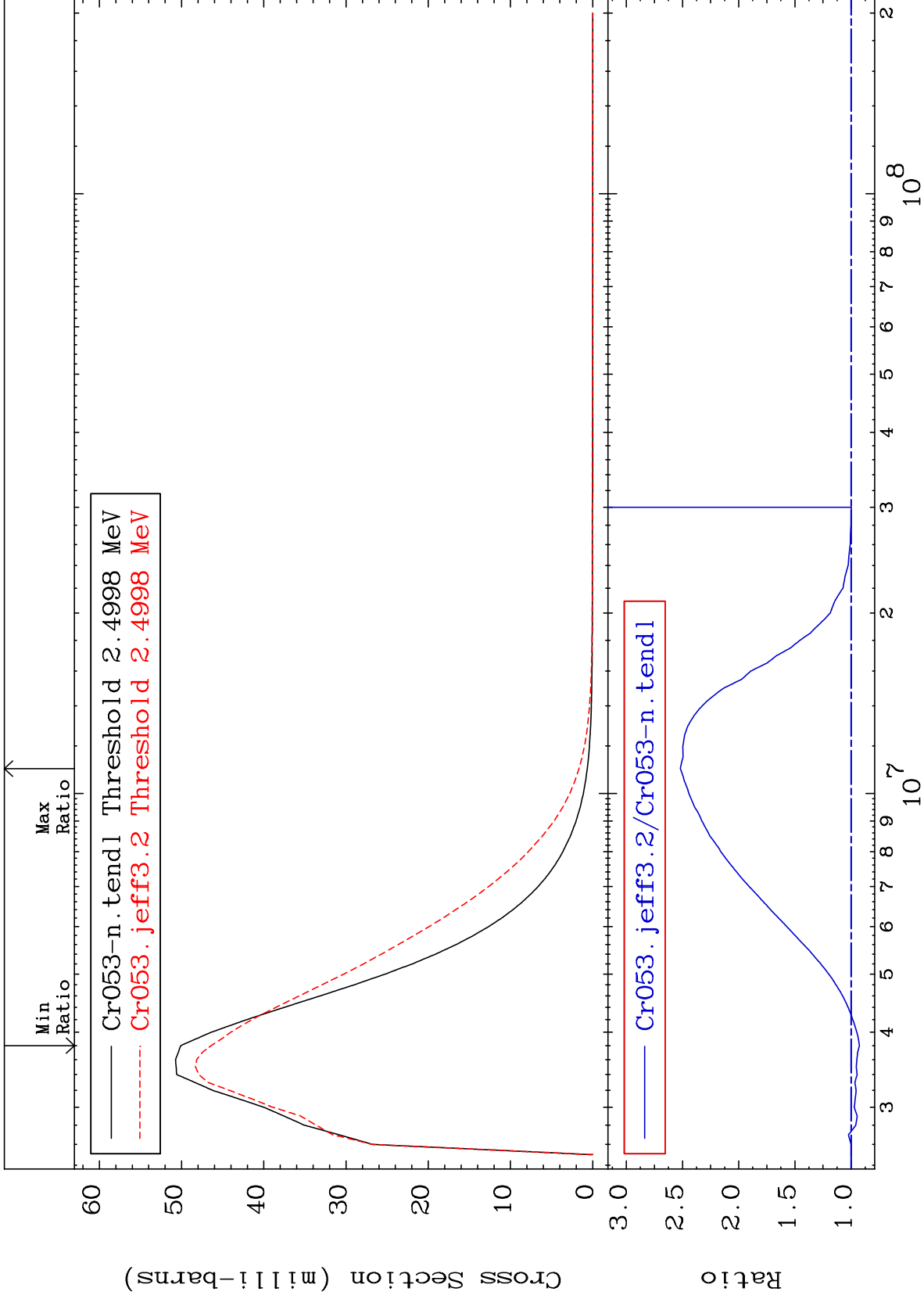
Incident Energy (eV)

24-Cr-53

MAT 2434

2.453 MeV (n,n') Level
Cross Section

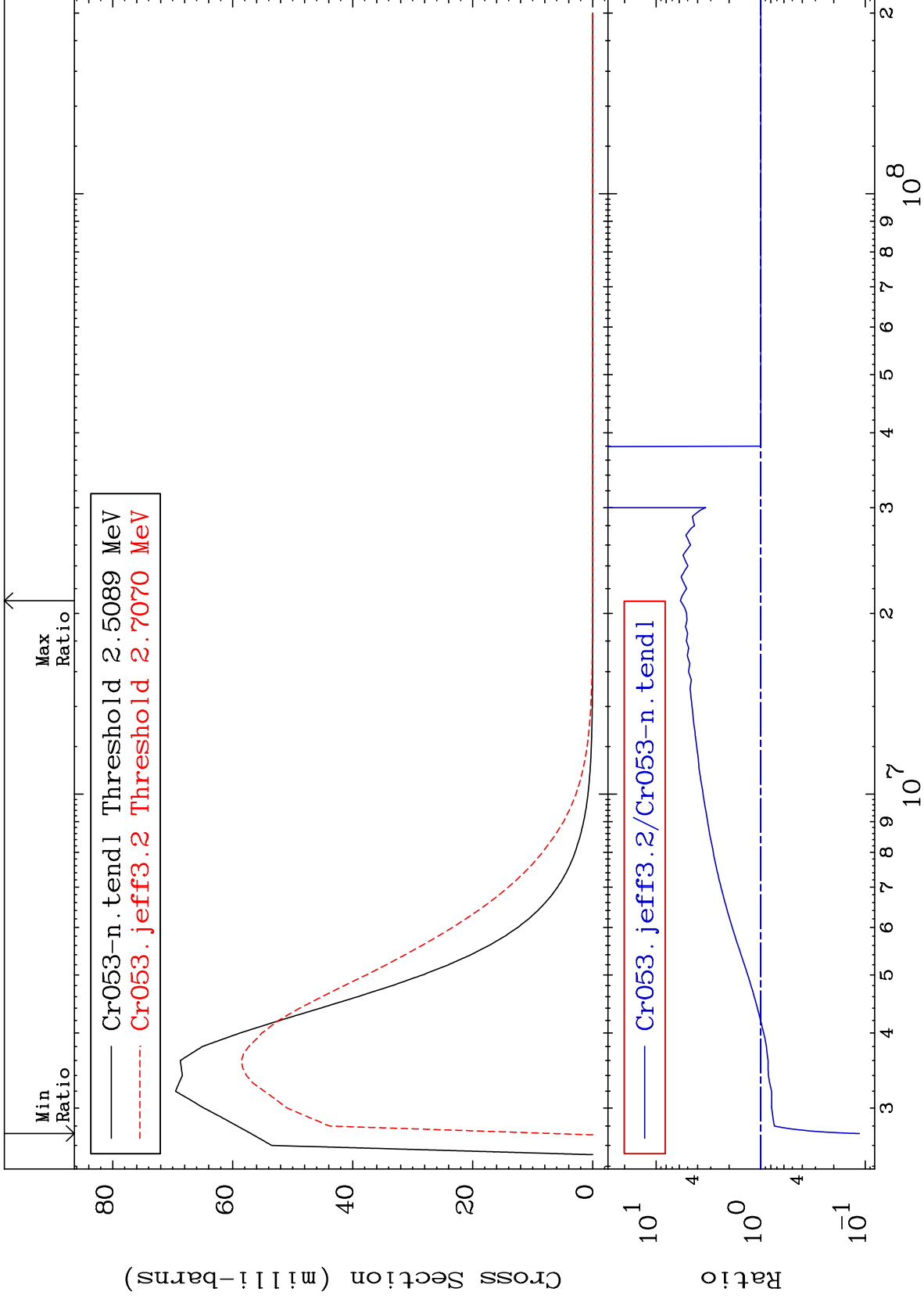
24-Cr-53
-7.377 To 151.9 %



MAT 2434

2.462 MeV (n,n') Level
Cross Section

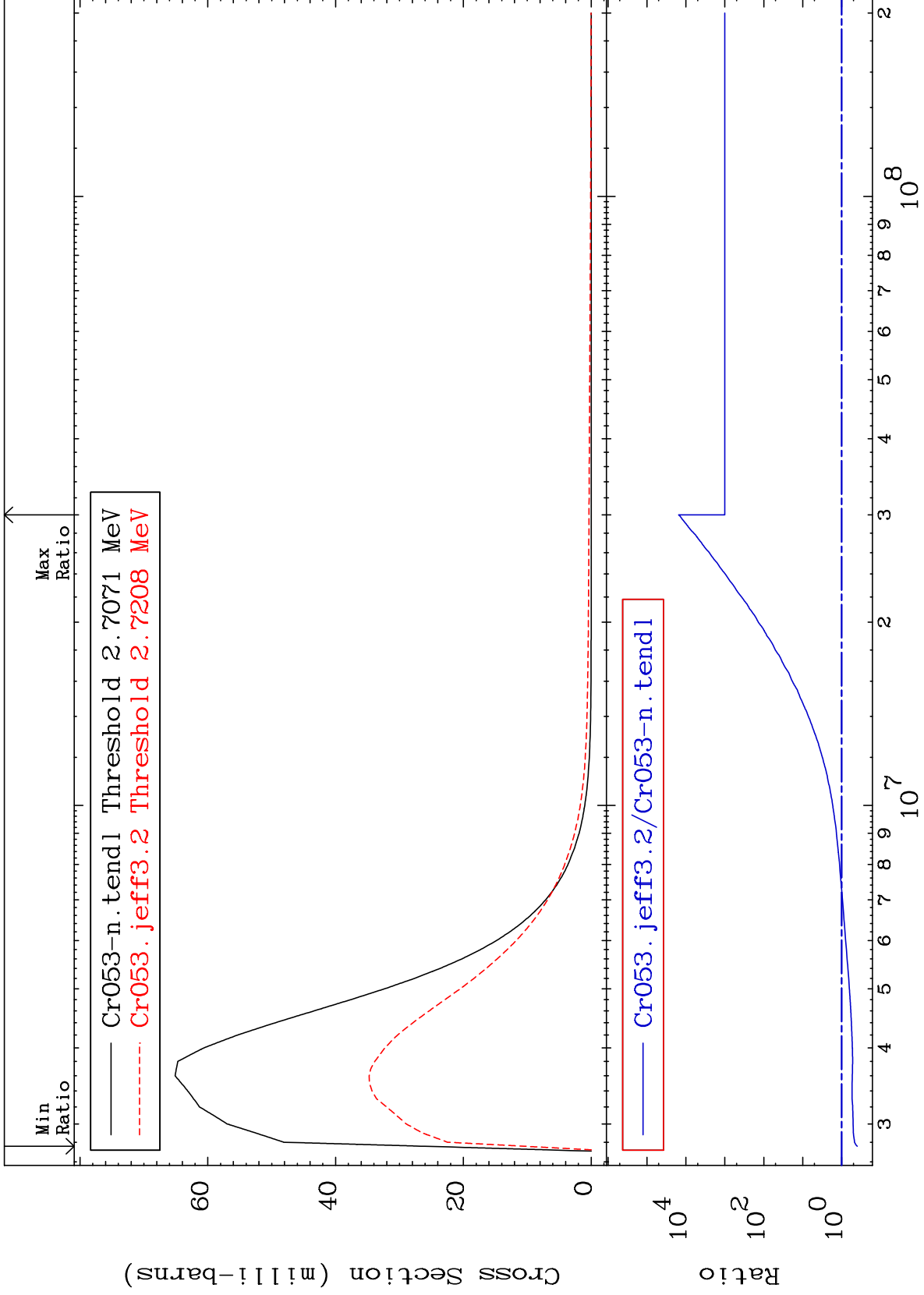
²⁴Cr-53
-88.61 To 485.8 %



MAT 2434

2.657 MeV (n,n') Level
Cross Section

24-Cr-53
-60.10 To 9999. %



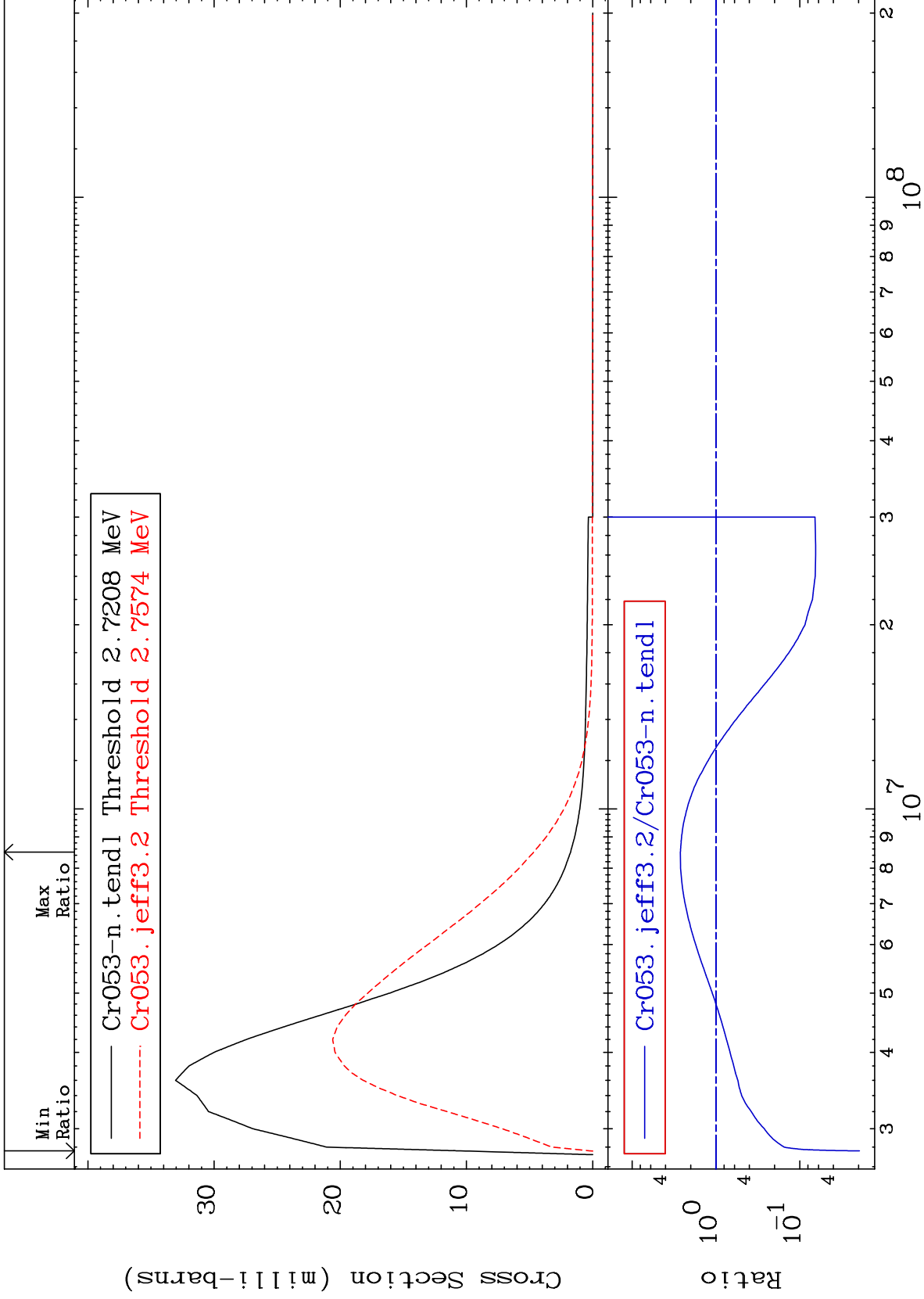
15

24-Cr-53

MAT 2434

2.670 MeV (n,n') Level
Cross Section

²⁴Cr-53
-98.05 To 166.1 %



16

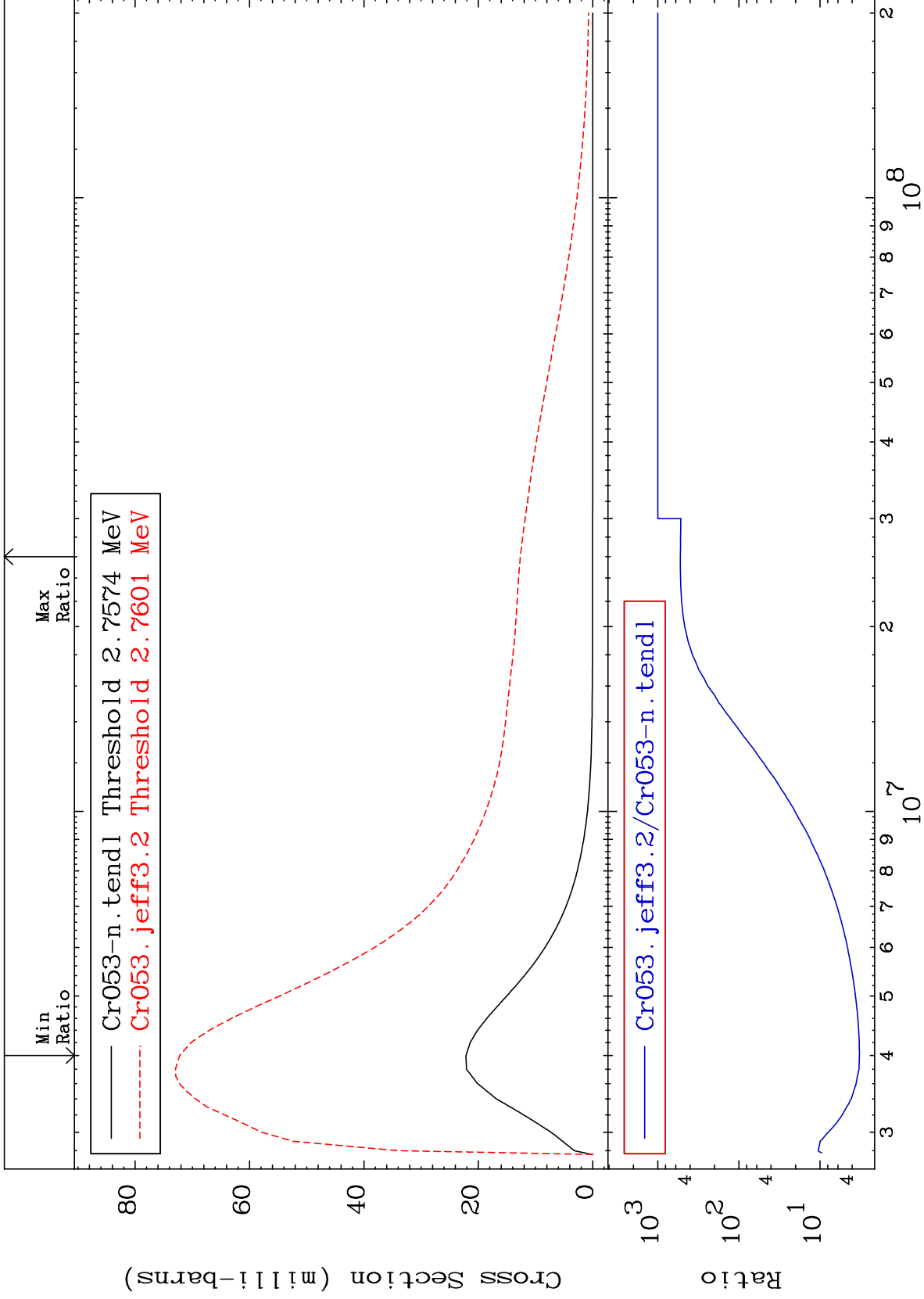
Incident Energy (eV)

²⁴Cr-53

MAT 2434

2.706 MeV (n,n') Level
Cross Section

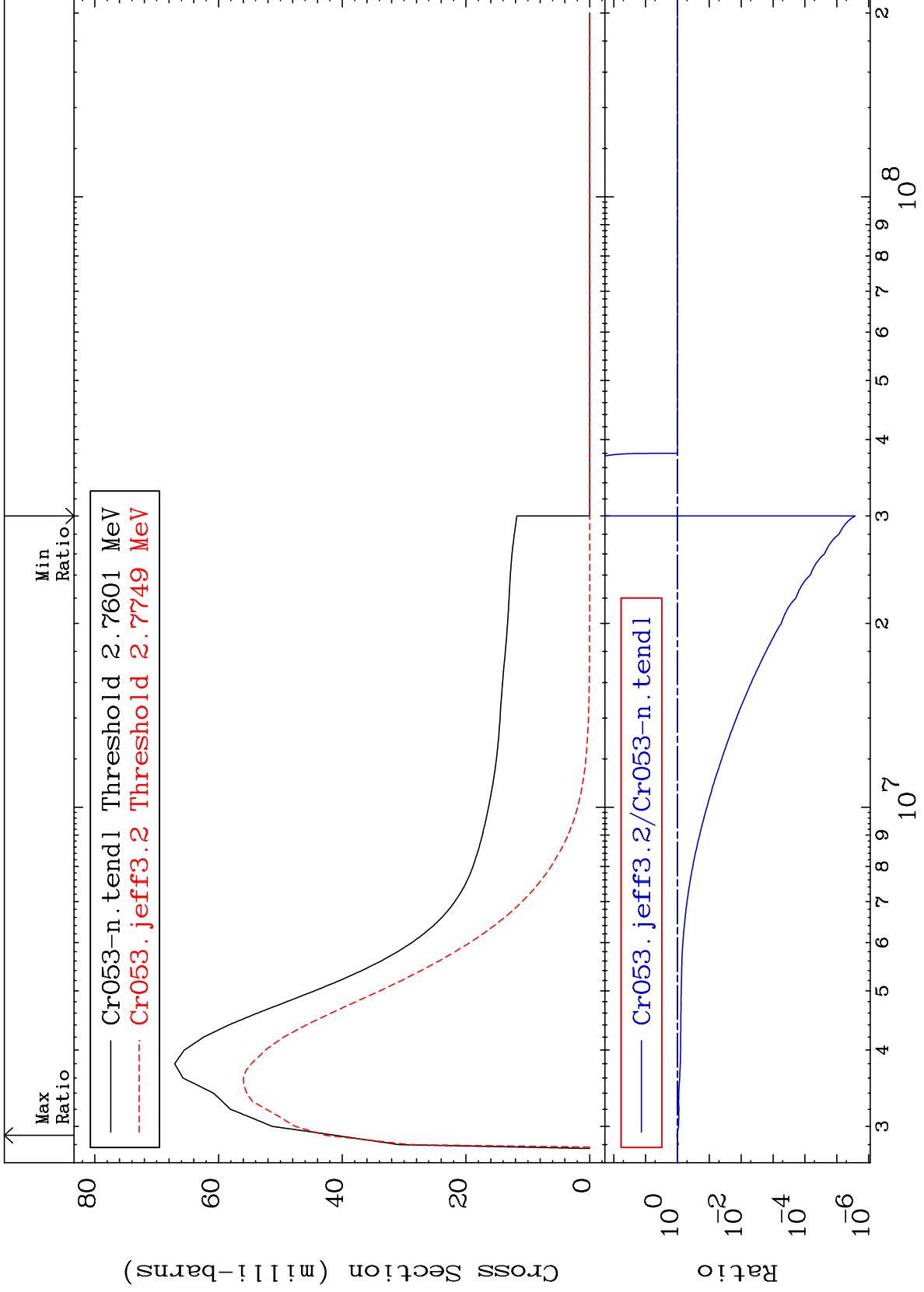
225.8 To 9999. %
24-Cr-53



MAT 2434

2.709 MeV (n,n') Level
Cross Section

24-Cr-53
-100.0 To 3.876 %



18

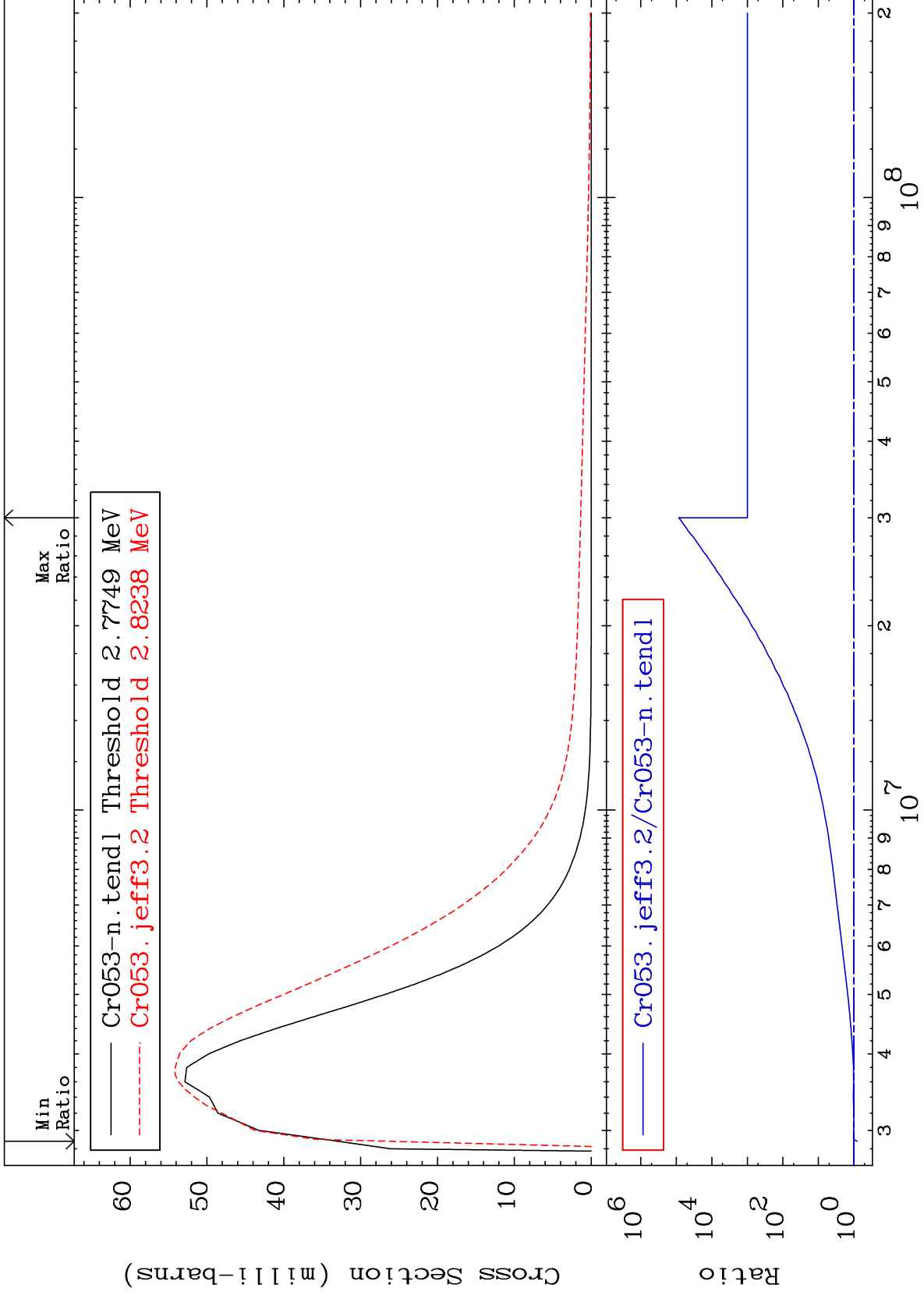
Incident Energy (eV)

24-Cr-53

MAT 2434

2.723 MeV (n,n') Level
Cross Section

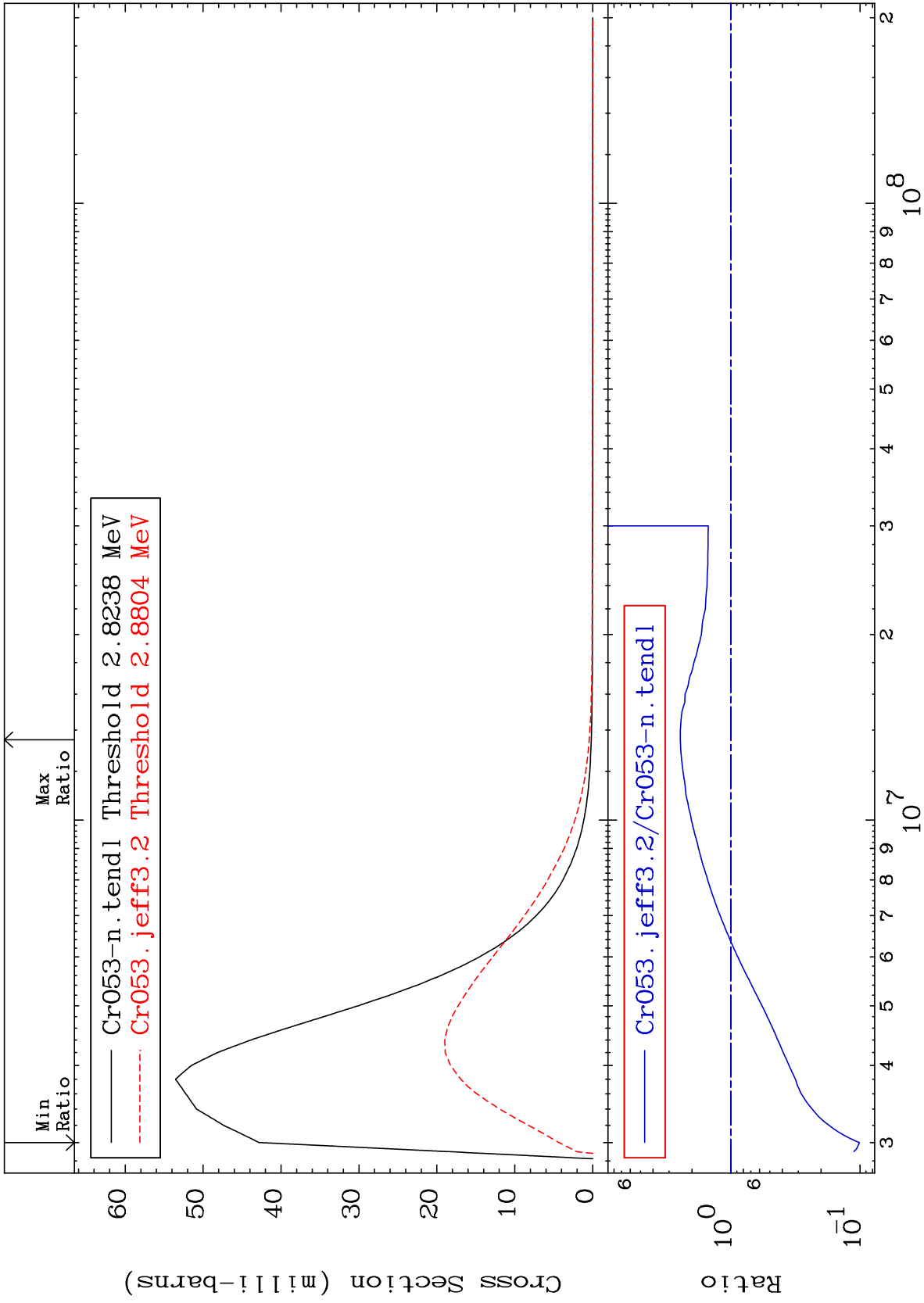
24-Cr-53
-19.54 To 9999. %



MAT 2434

2.771 MeV (n,n') Level
Cross Section

24-Cr-53
-89.89 To 145.6 %



20

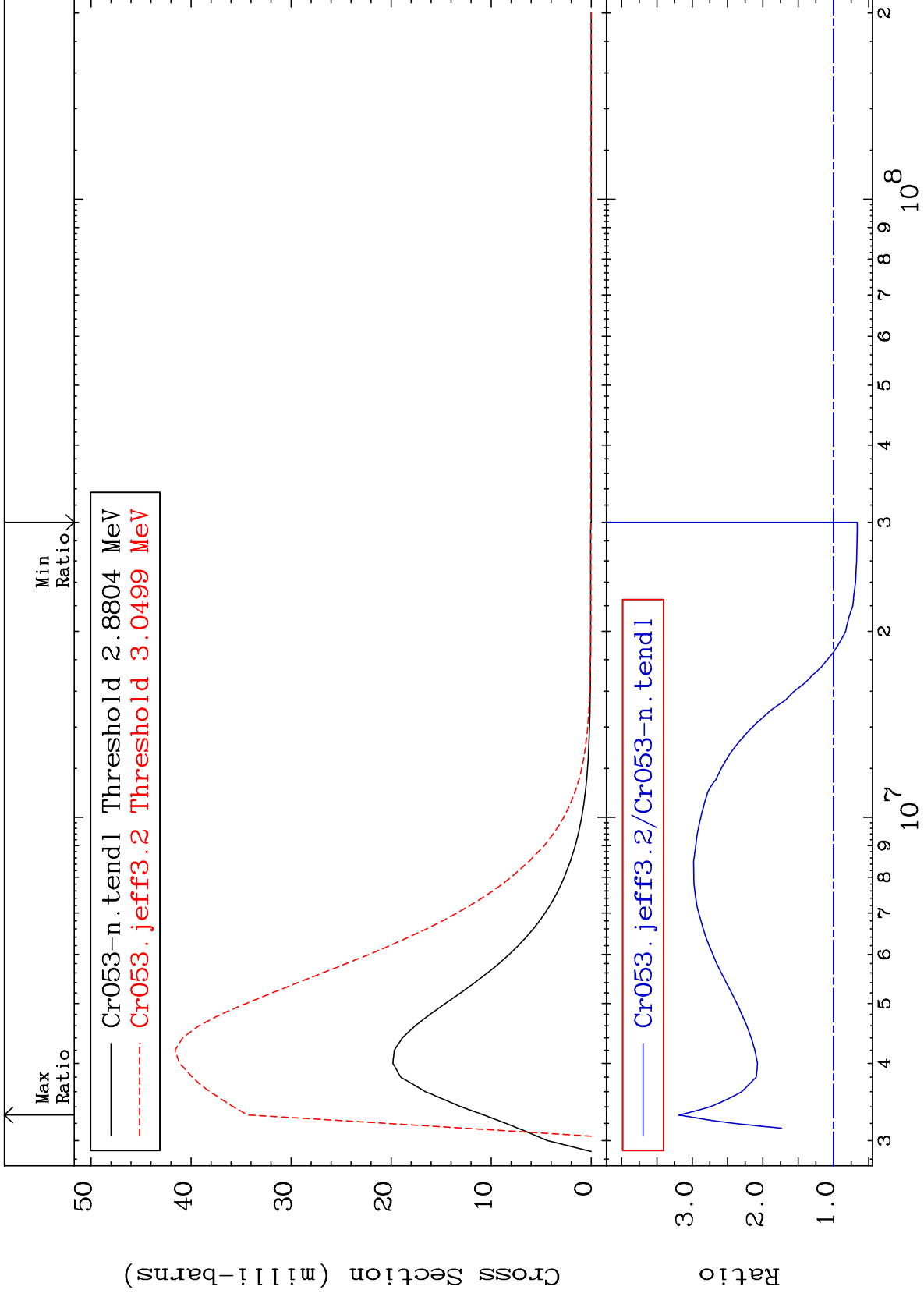
Incident Energy (eV)

24-Cr-53

MAT 2434

2.827 MeV (n,n') Level
Cross Section

24-Cr-53
-33.66 To 219.2 %



21

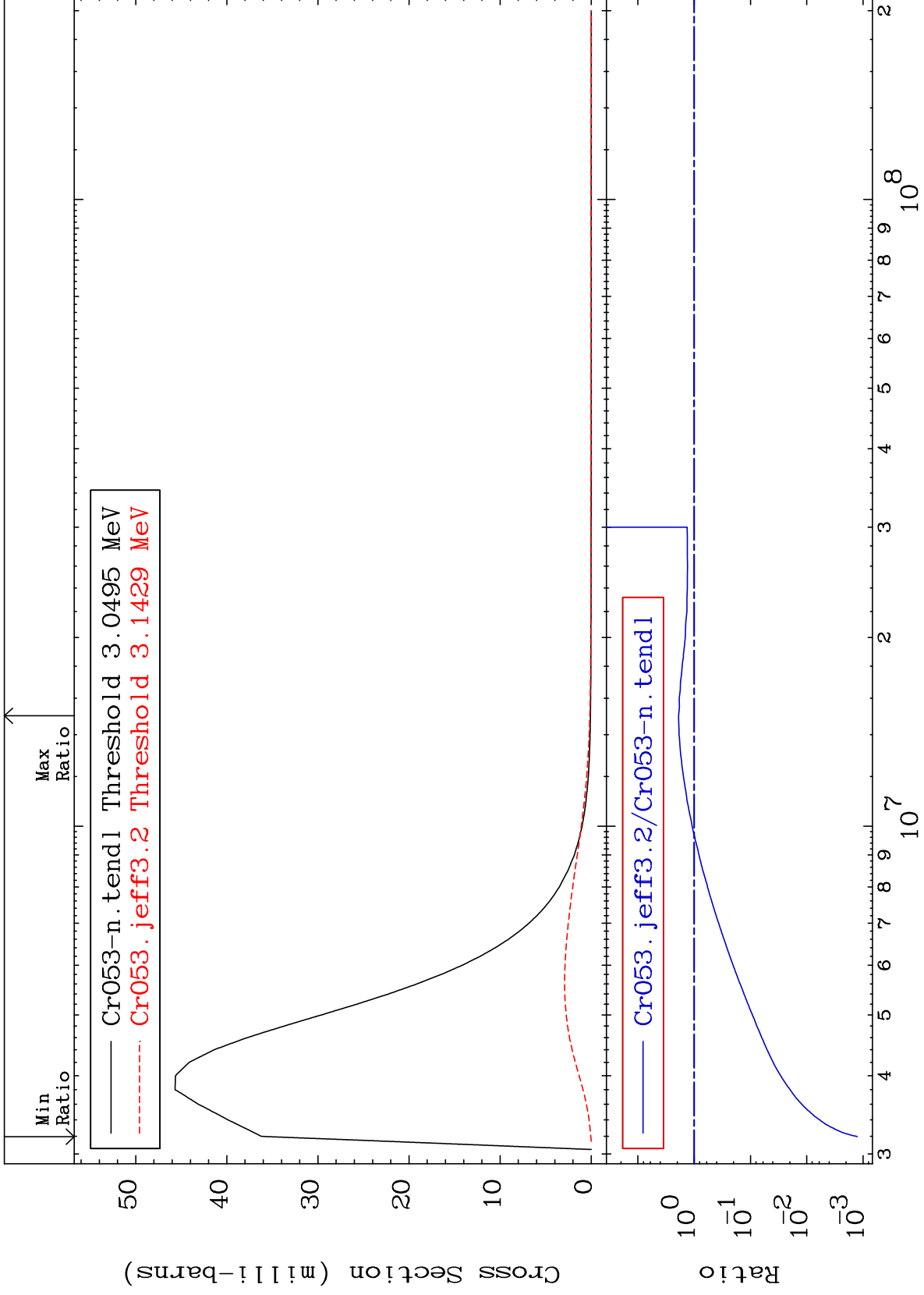
Incident Energy (eV)

24-Cr-53

MAT 2434

2.992 MeV (n,n') Level
Cross Section

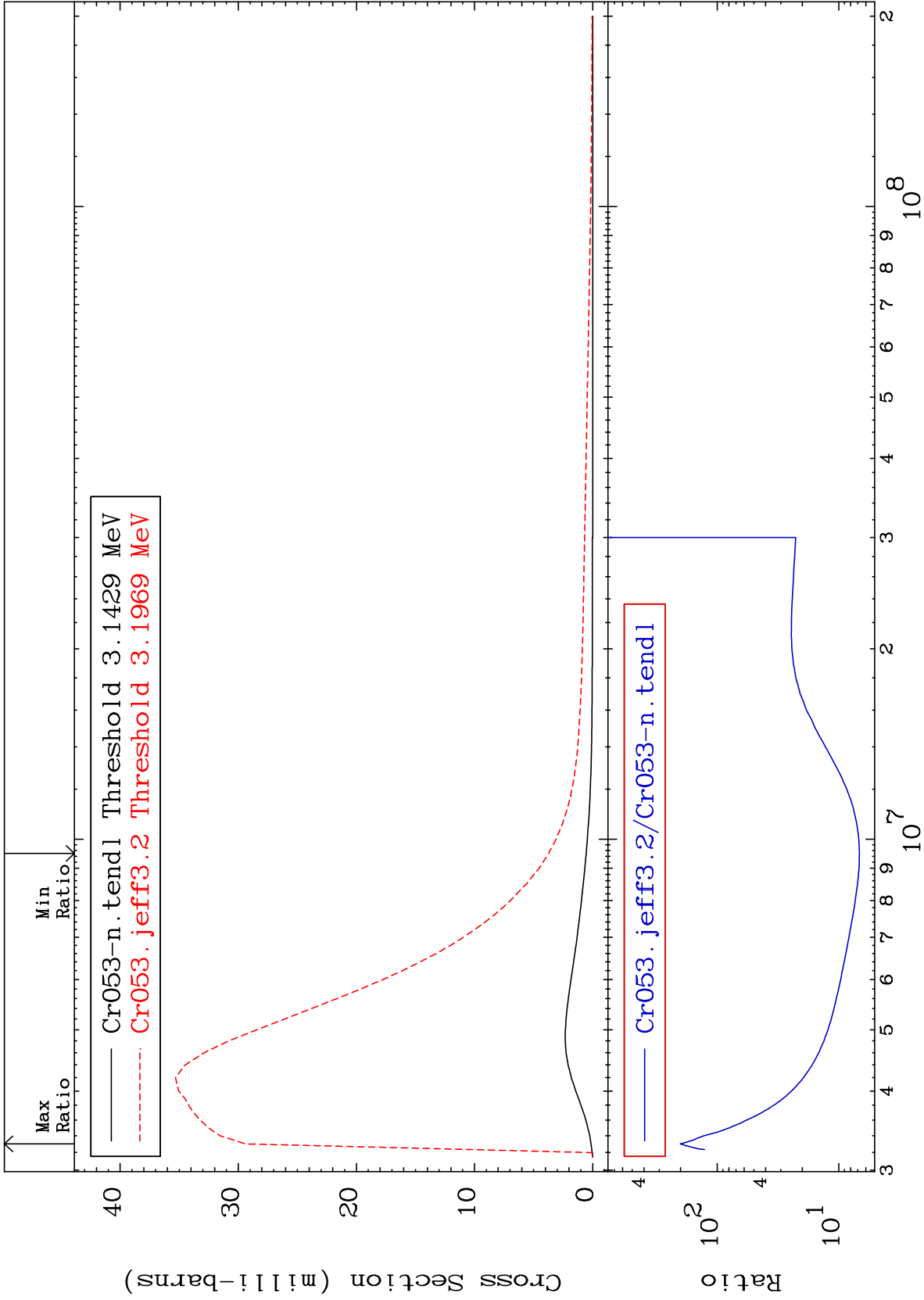
24-Cr-53
-99.87 To 88.93 %



MAT 2434

3.084 MeV (n,n') Level
Cross Section

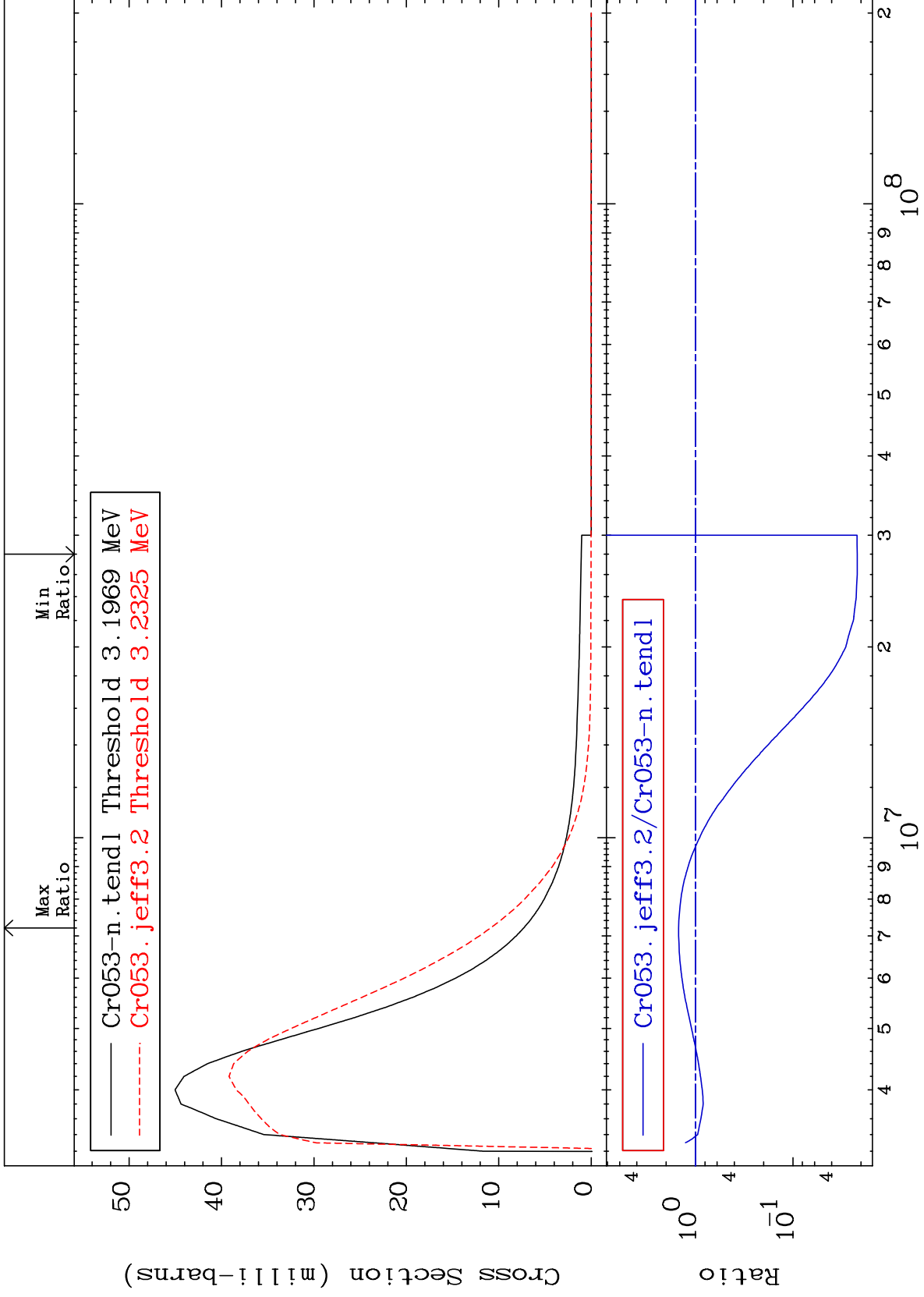
24-Cr-53
577.1 To 9999. %



MAT 2434

3.137 MeV (n,n') Level
Cross Section

²⁴Cr-53
-97.81 To 49.09 %



24

Incident Energy (eV)

²⁴Cr-53

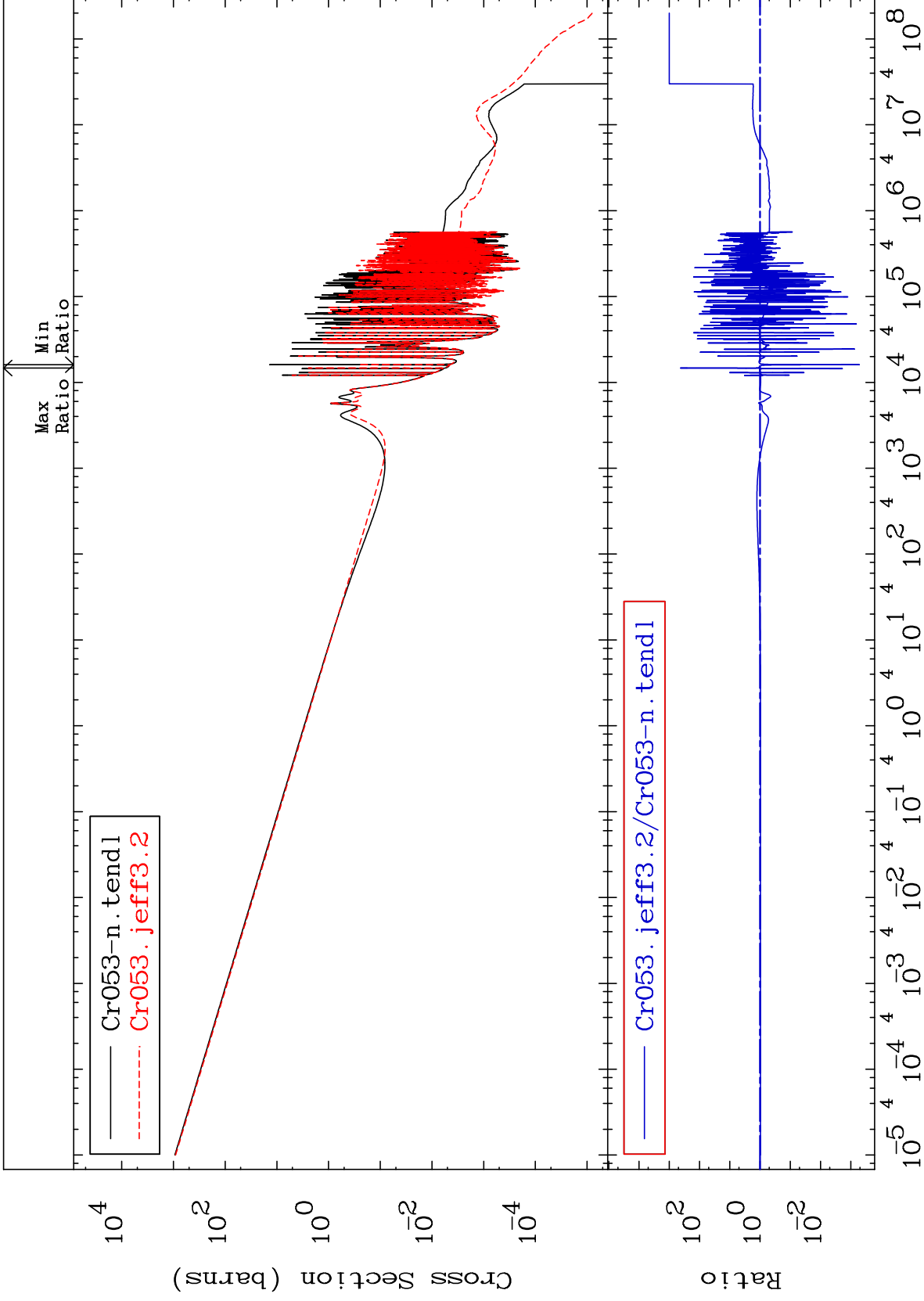
MAT 2434

(n, γ)

24-Cr-53

Cross Section

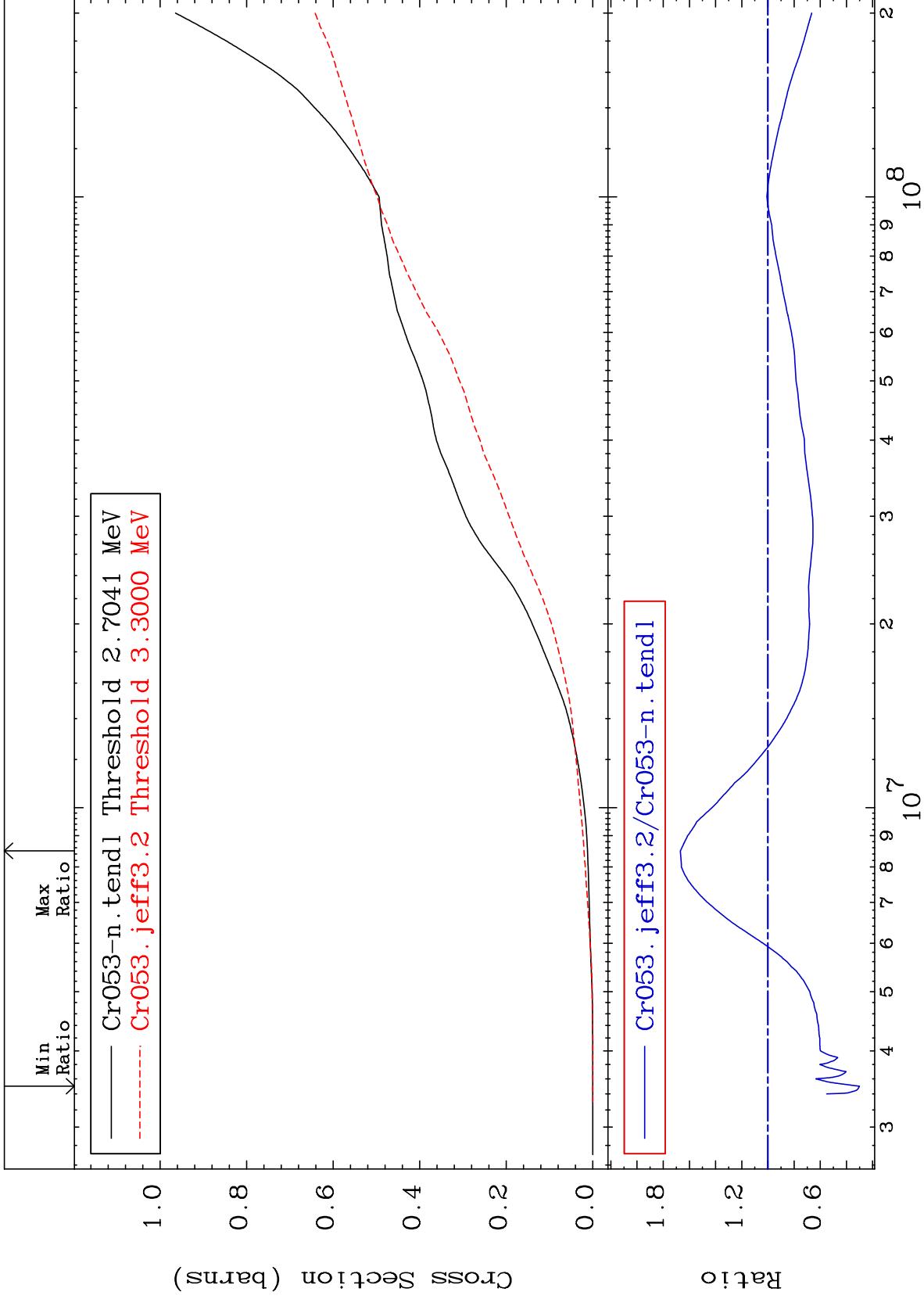
-99.95 To 9999. %



25

Incident Energy (eV)

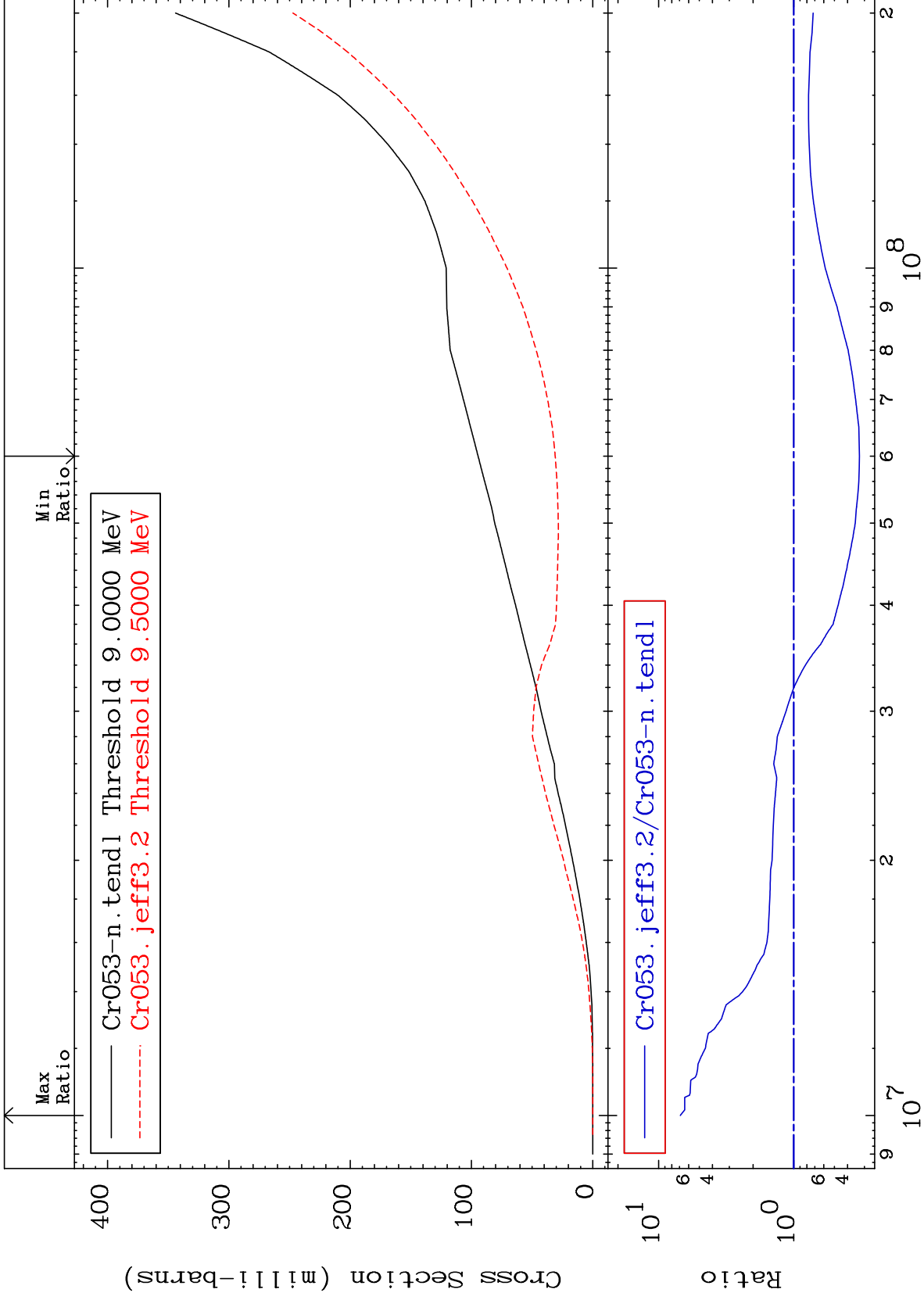
24-Cr-53



MAT 2434

Deuterium Production
Cross Section

²⁴Cr-53
-67.31 To 590.7 %



27

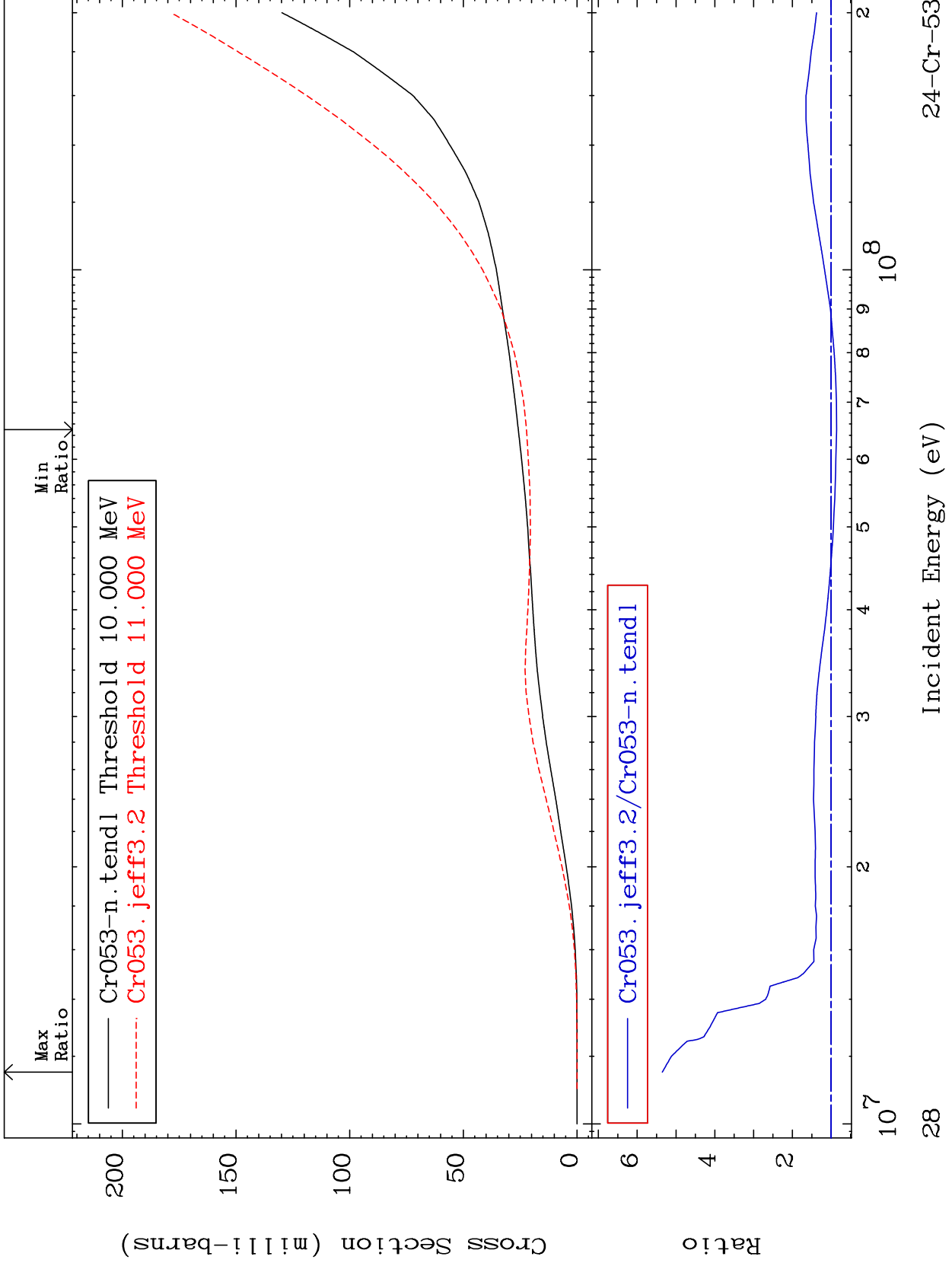
Incident Energy (eV)

²⁴Cr-53

MAT 2434

Tritium Production
Cross Section

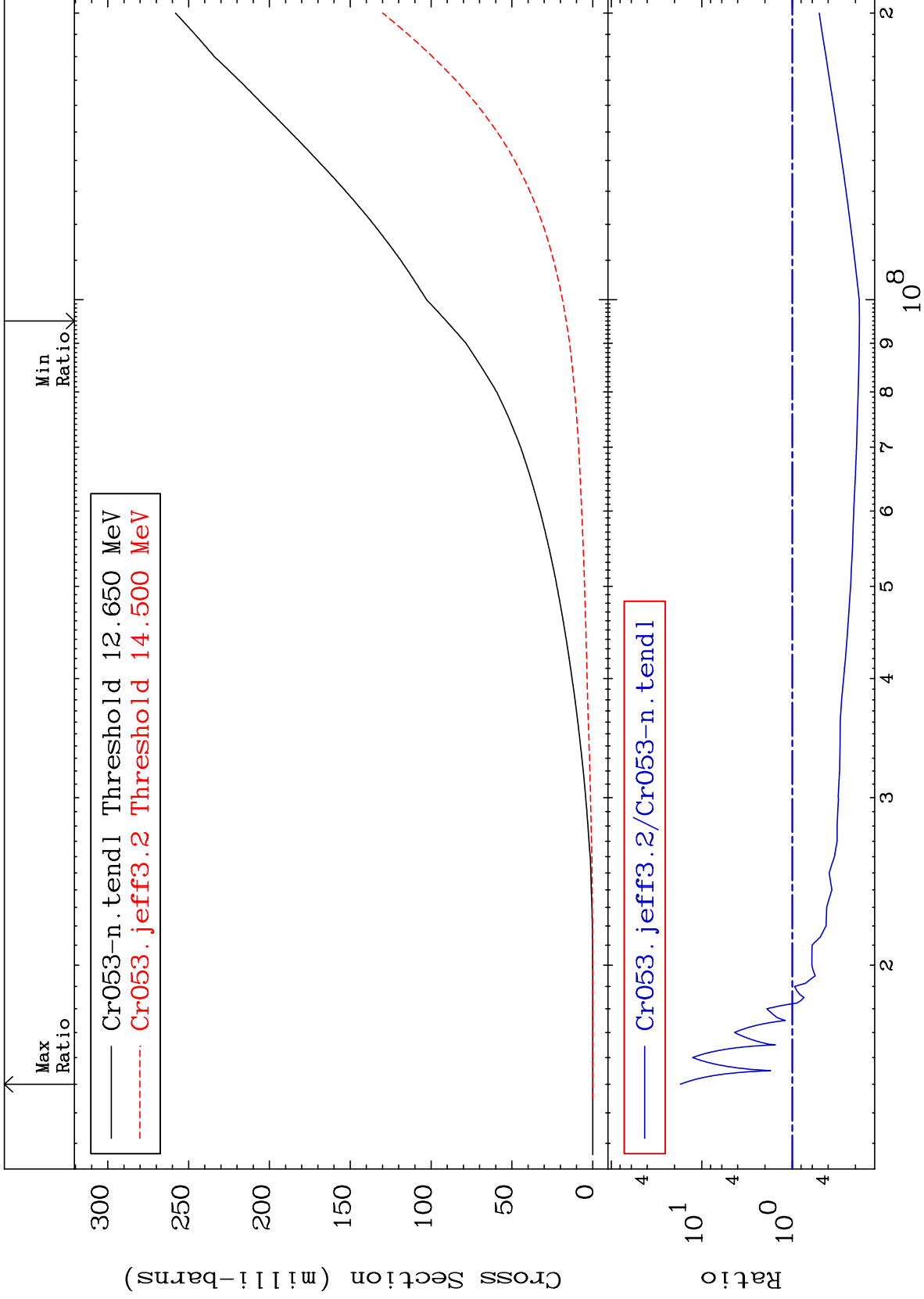
²⁴Cr-53
-14.01 To 435.2 %



MAT 2434

He-3 Production
Cross Section

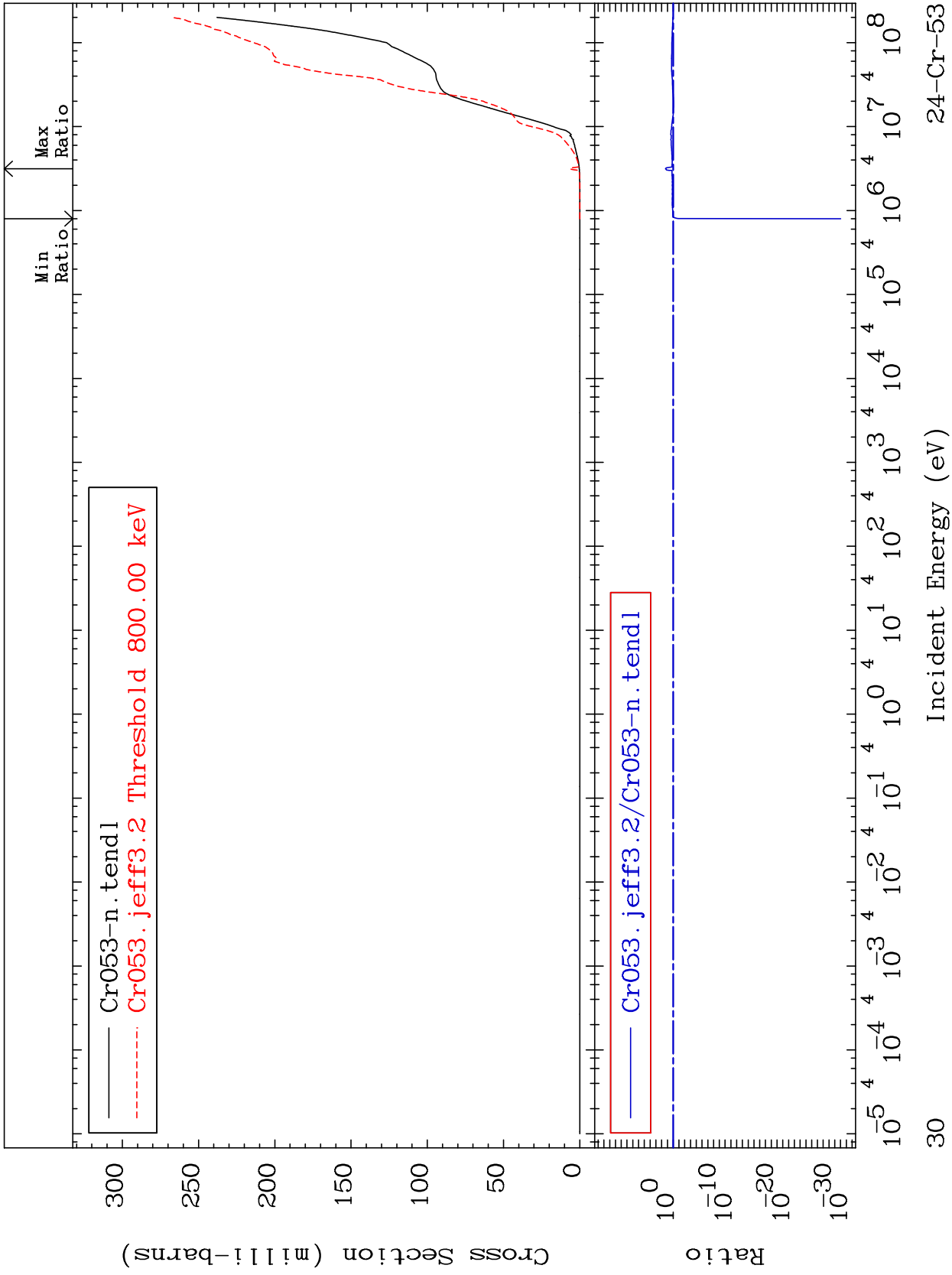
²⁴Cr-53
-81.91 To 1623. %



MAT 2434

He-4 Production
Cross Section

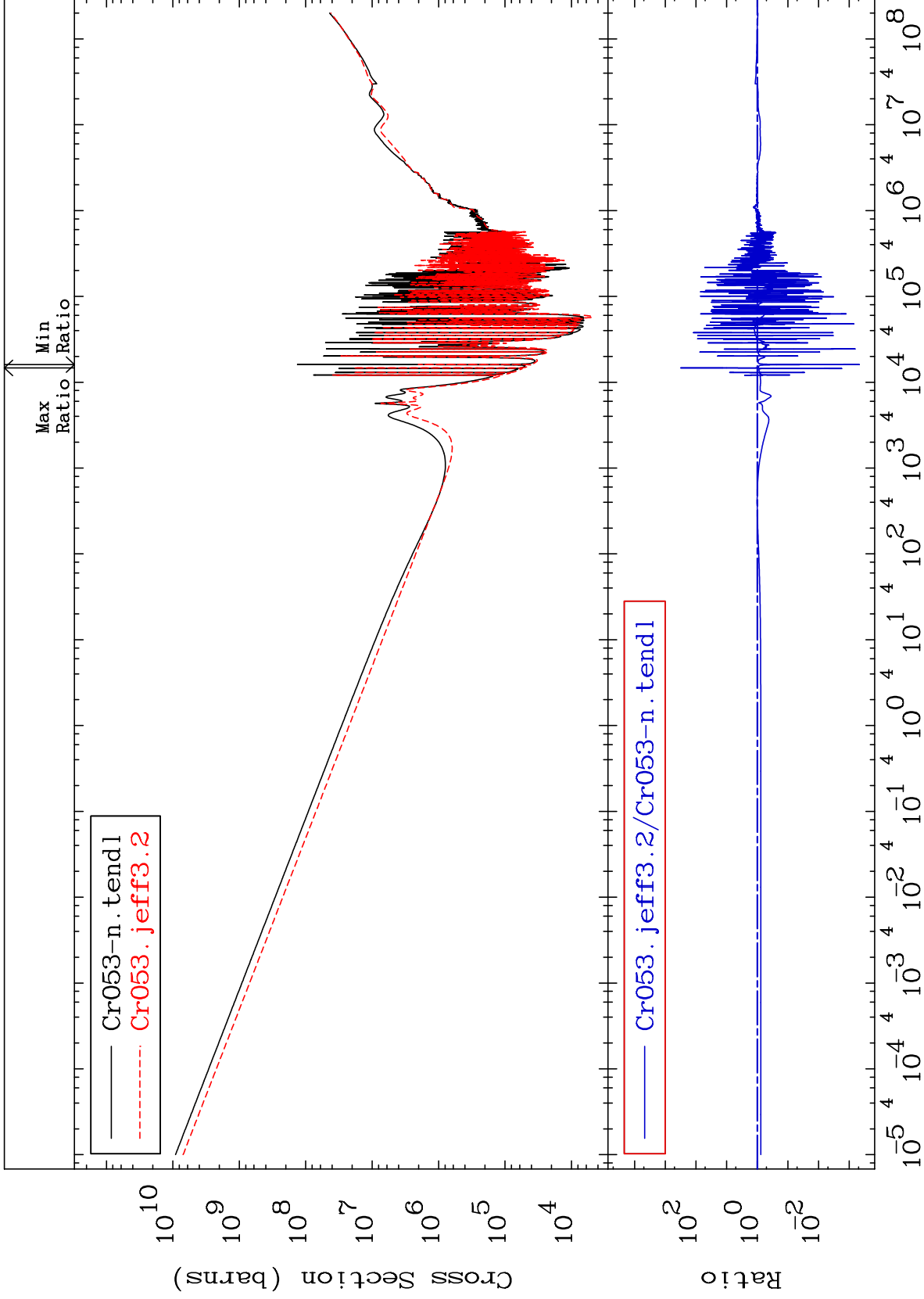
24-Cr-53
-100.0 To 2034. %



30

Incident Energy (eV)

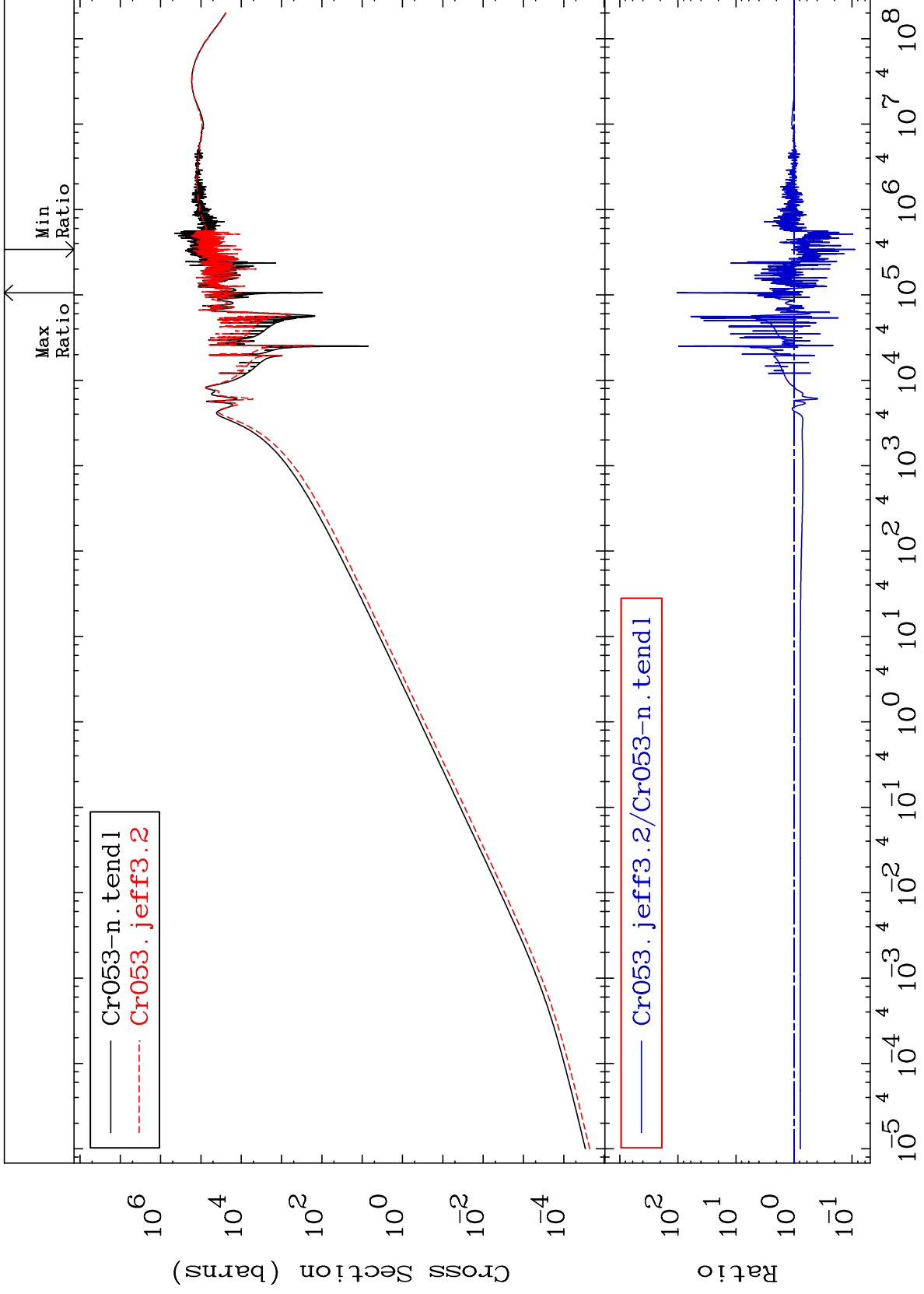
24-Cr-53



MAT 2434

Kerma elastic
Cross Section

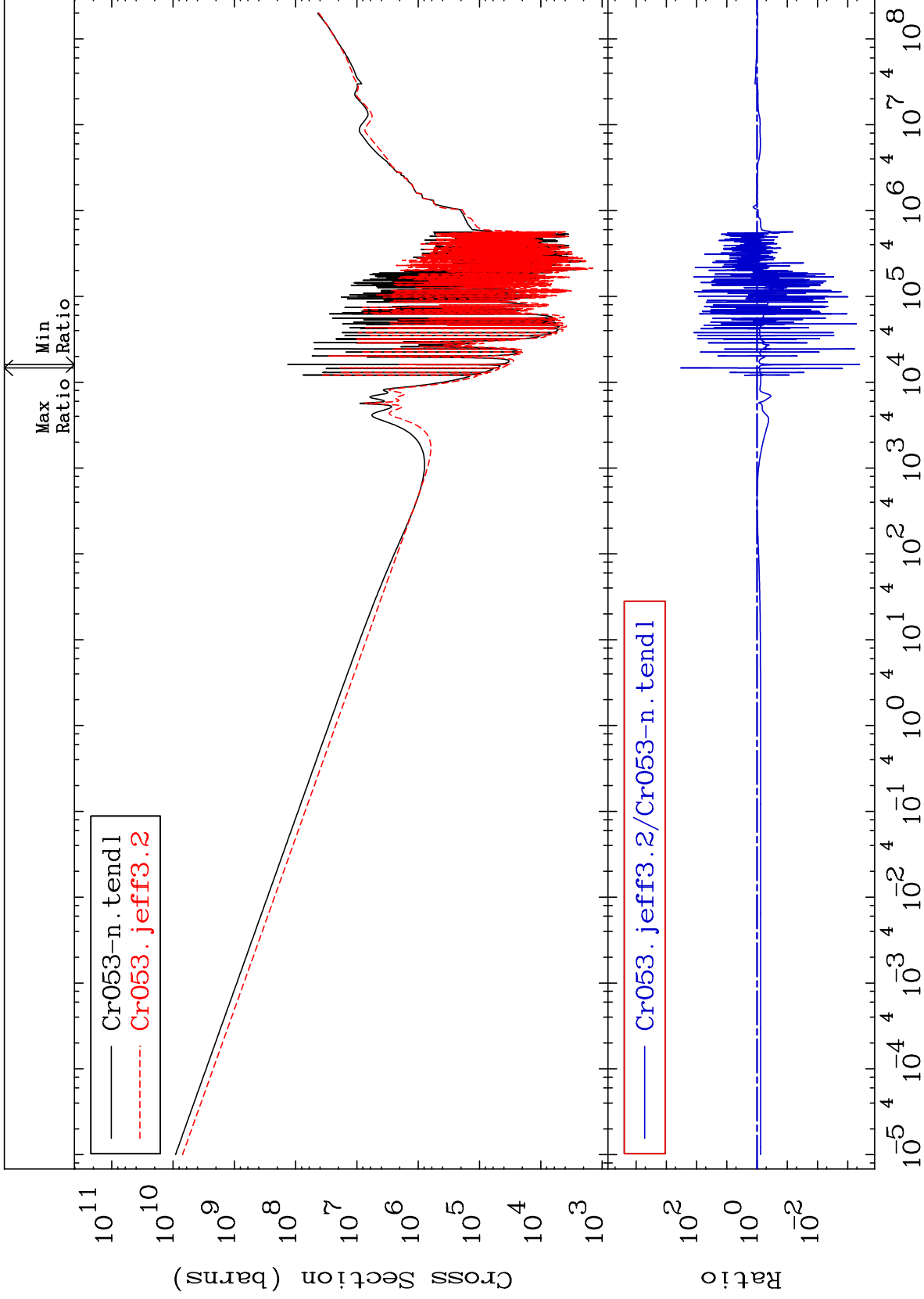
24-Cr-53
-91.13 To 9999. %



MAT 2434

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-53
-99.96 To 9999. %

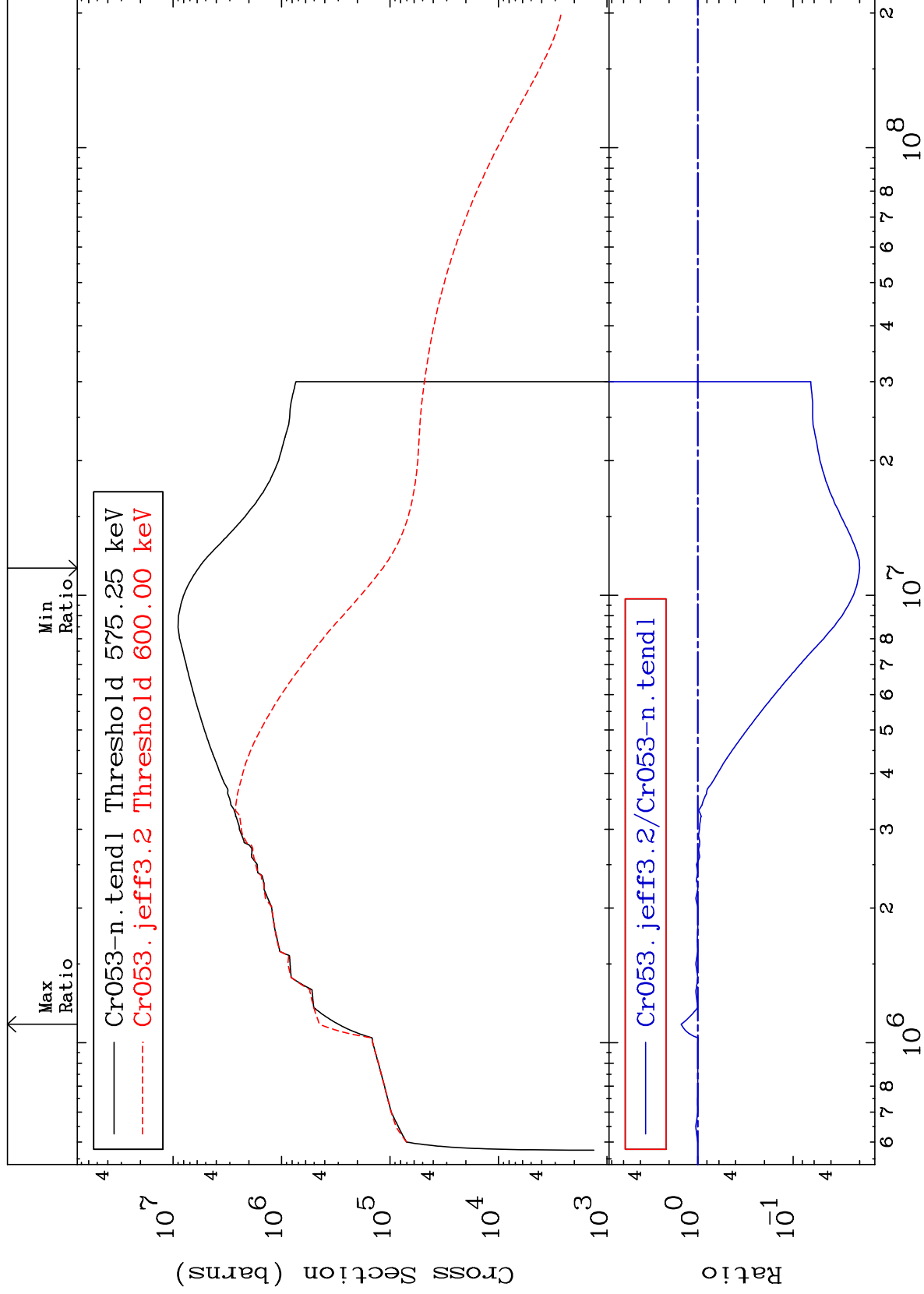


MAT 2434

Kerma inelastic (mt51-91)
Cross Section

24-Cr-53

-98.00 To 49.32 %



34

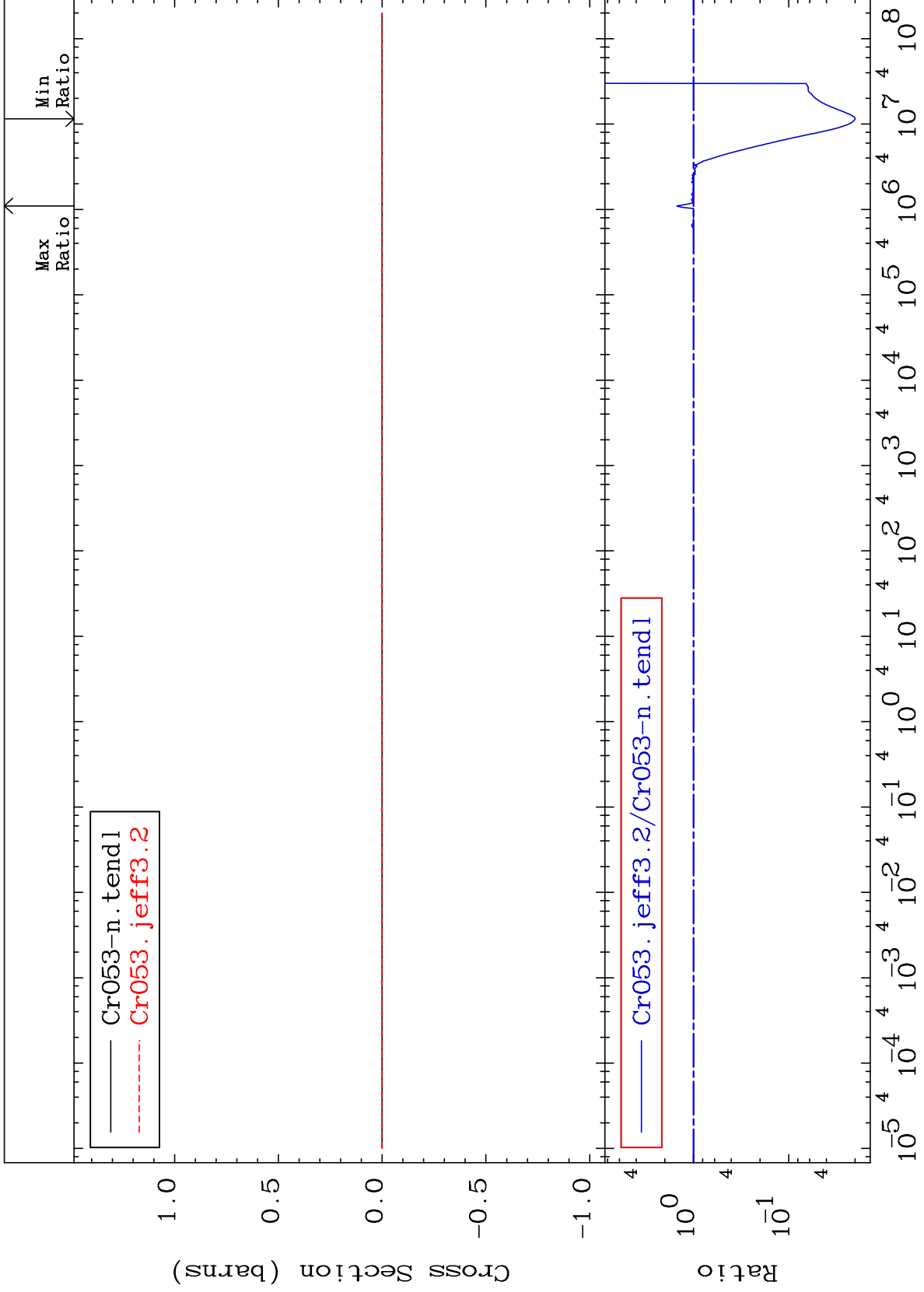
Incident Energy (eV)

24-Cr-53

MAT 2434

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

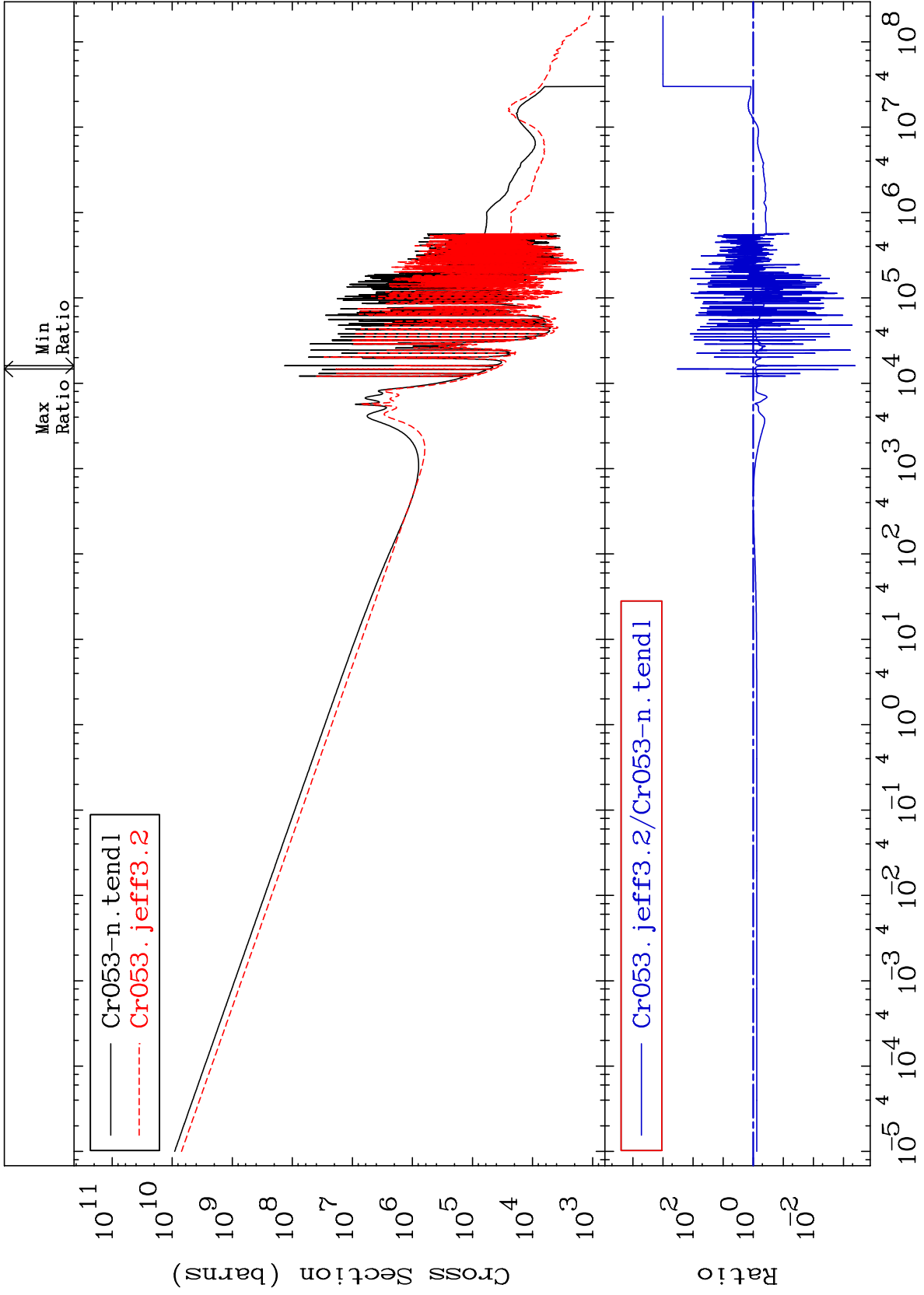
24-Cr-53
-98.00 To 49.32 %



MAT 2434

Kerma capture (mt102)
Cross Section

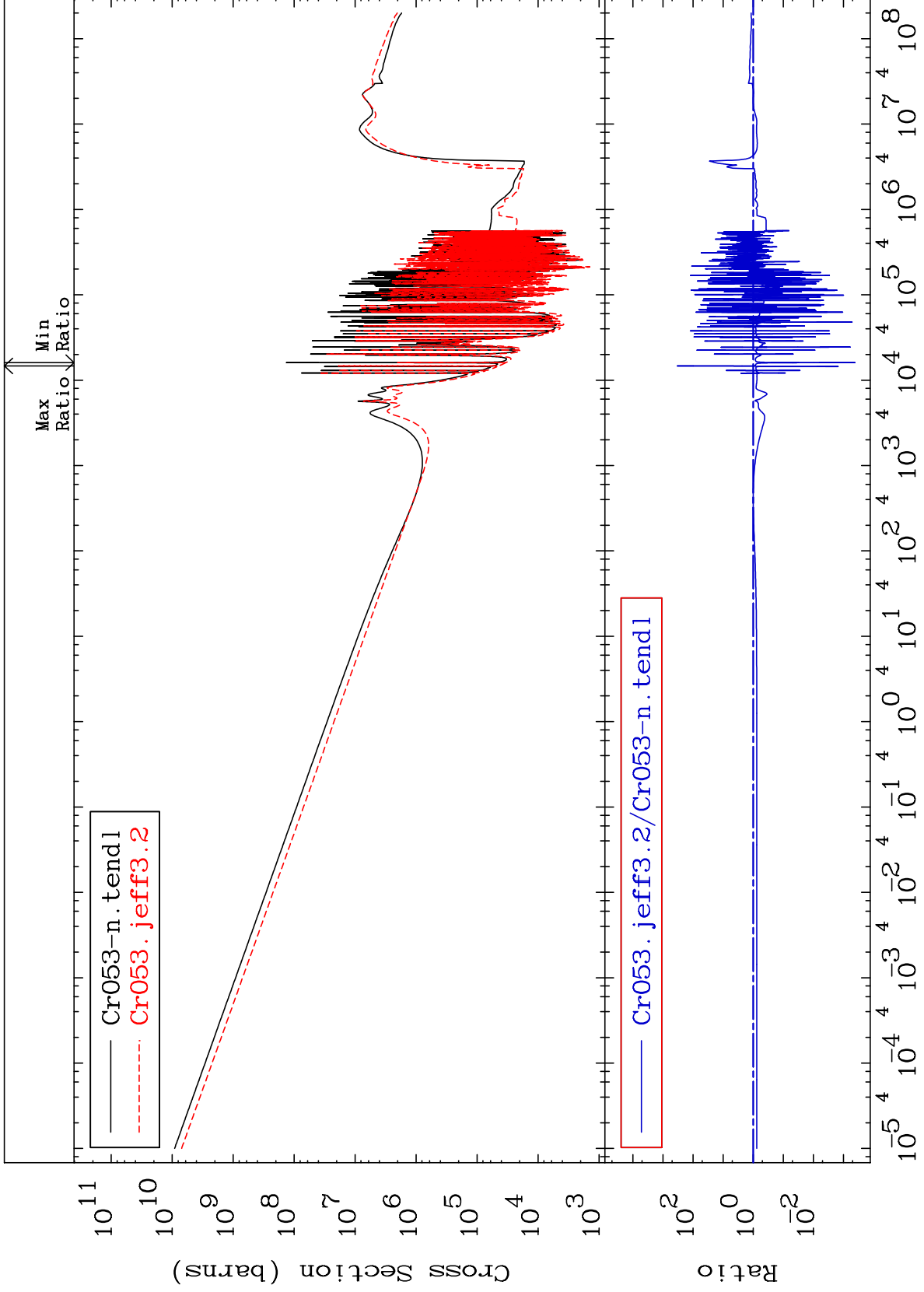
24-Cr-53
-99.96 To 9999. %



MAT 2434

Total photon (eV-barns)
Cross Section

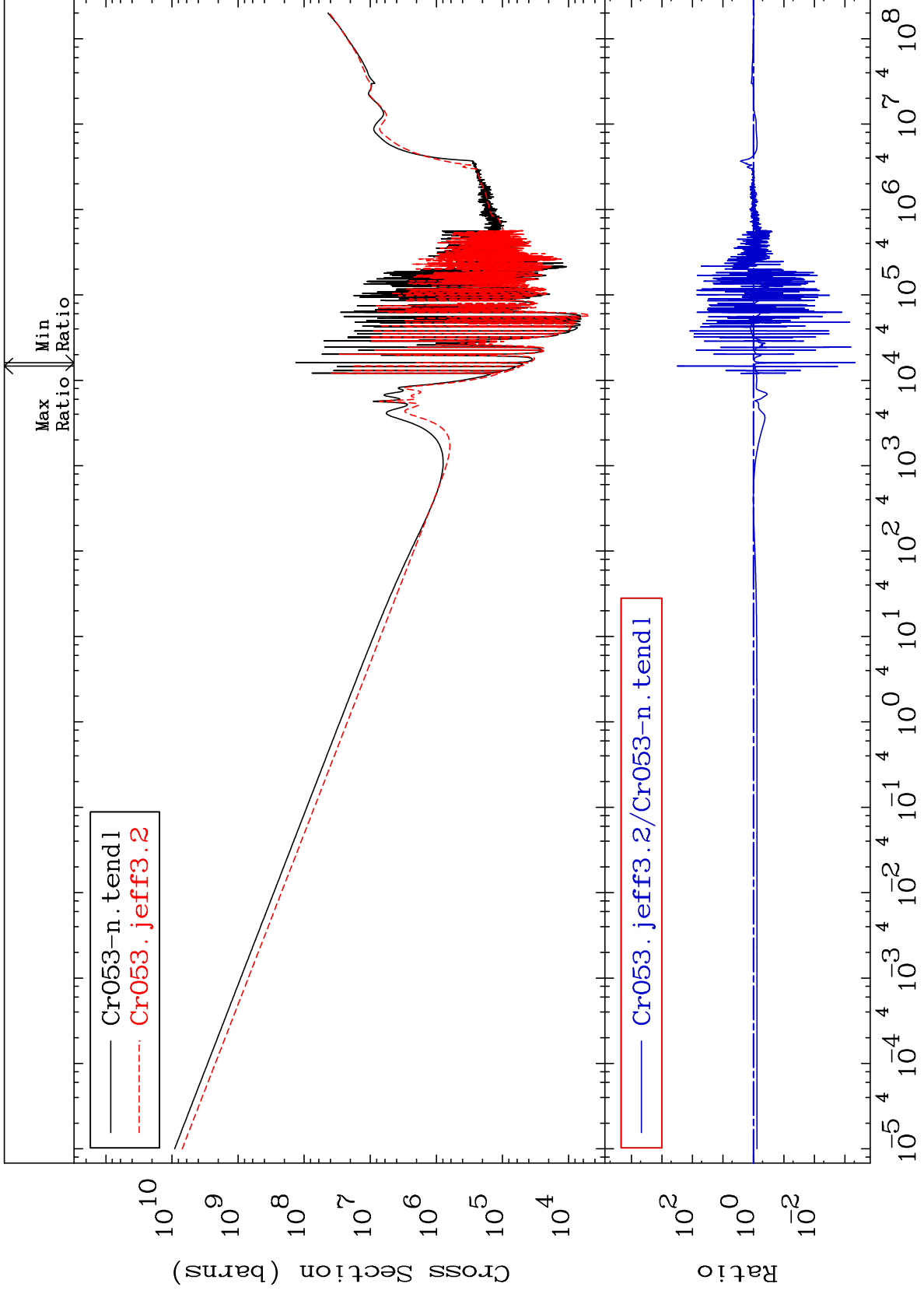
24-Cr-53
-99.96 To 9999. %



MAT 2434

Total kinematic kerma (high limit)
Cross Section

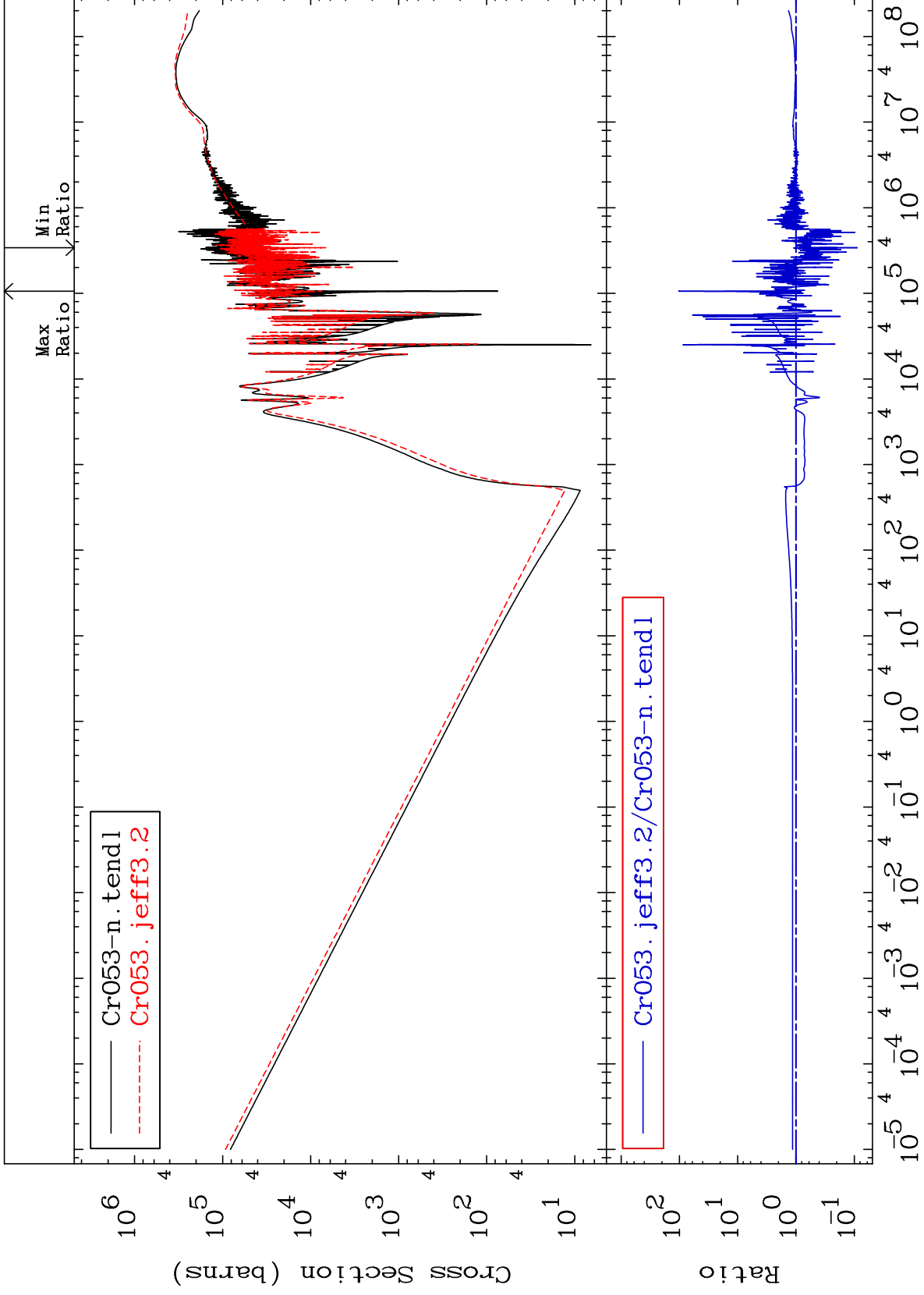
24-Cr-53
-99.95 To 9999. %

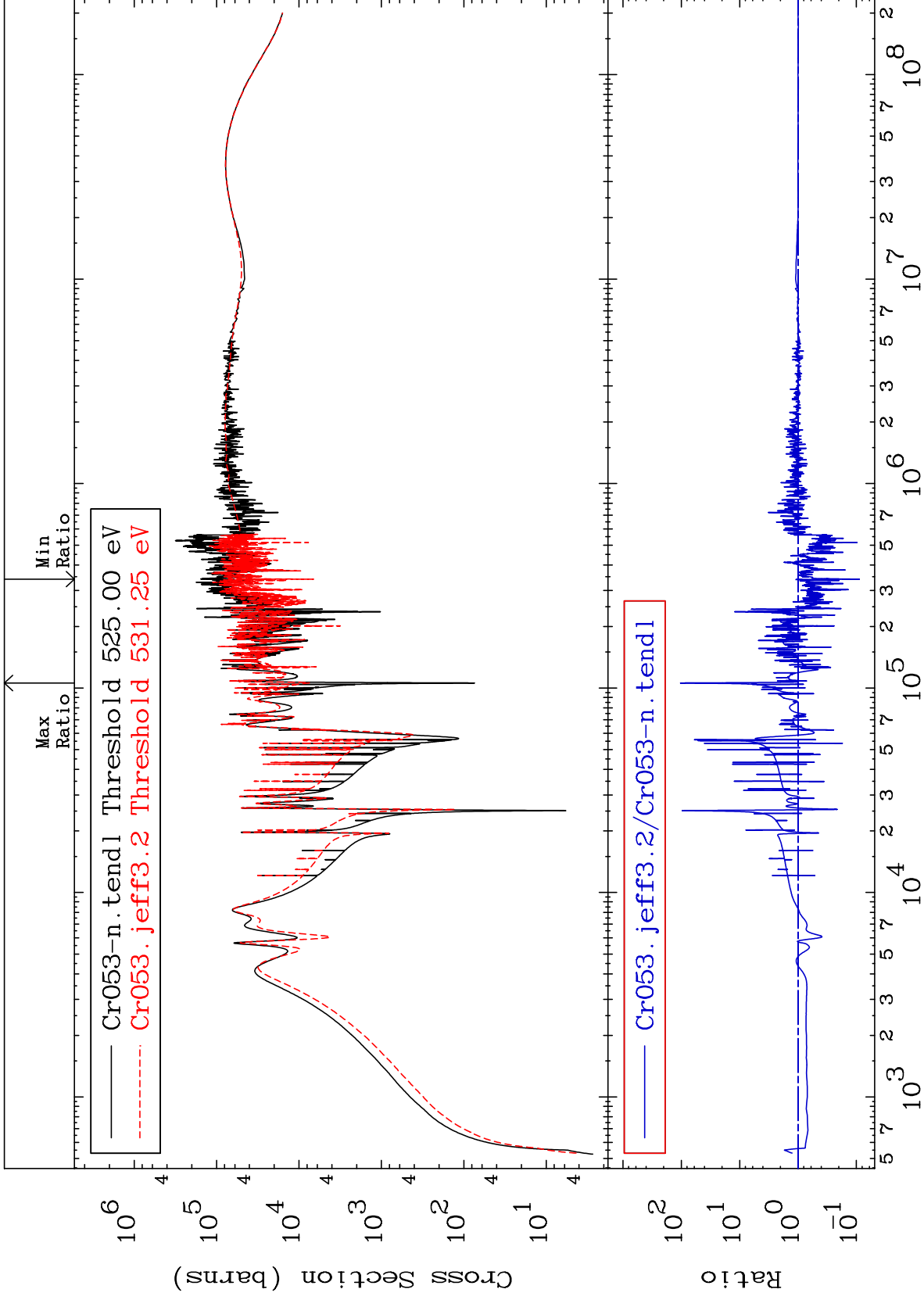


MAT 2434

Dpa total (eV-barns)
Cross Section

24-Cr-53
-91.12 To 9999. %

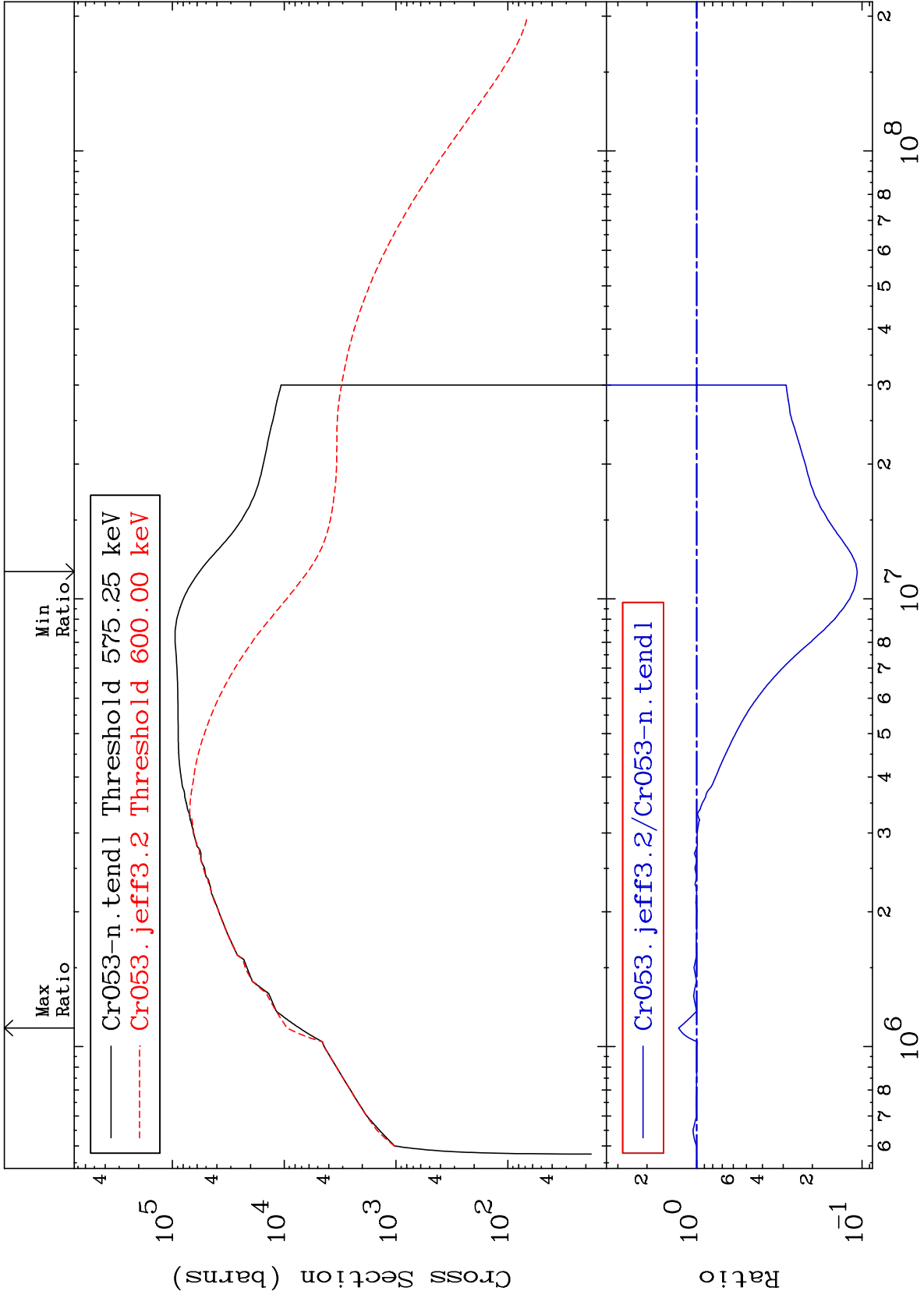




MAT 2434

Dpa inelastic (mt51-91)
Cross Section

24-Cr-53
-89.32 To 28.64 %



MAT 2434

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-53
-100.0 To 9999. %

