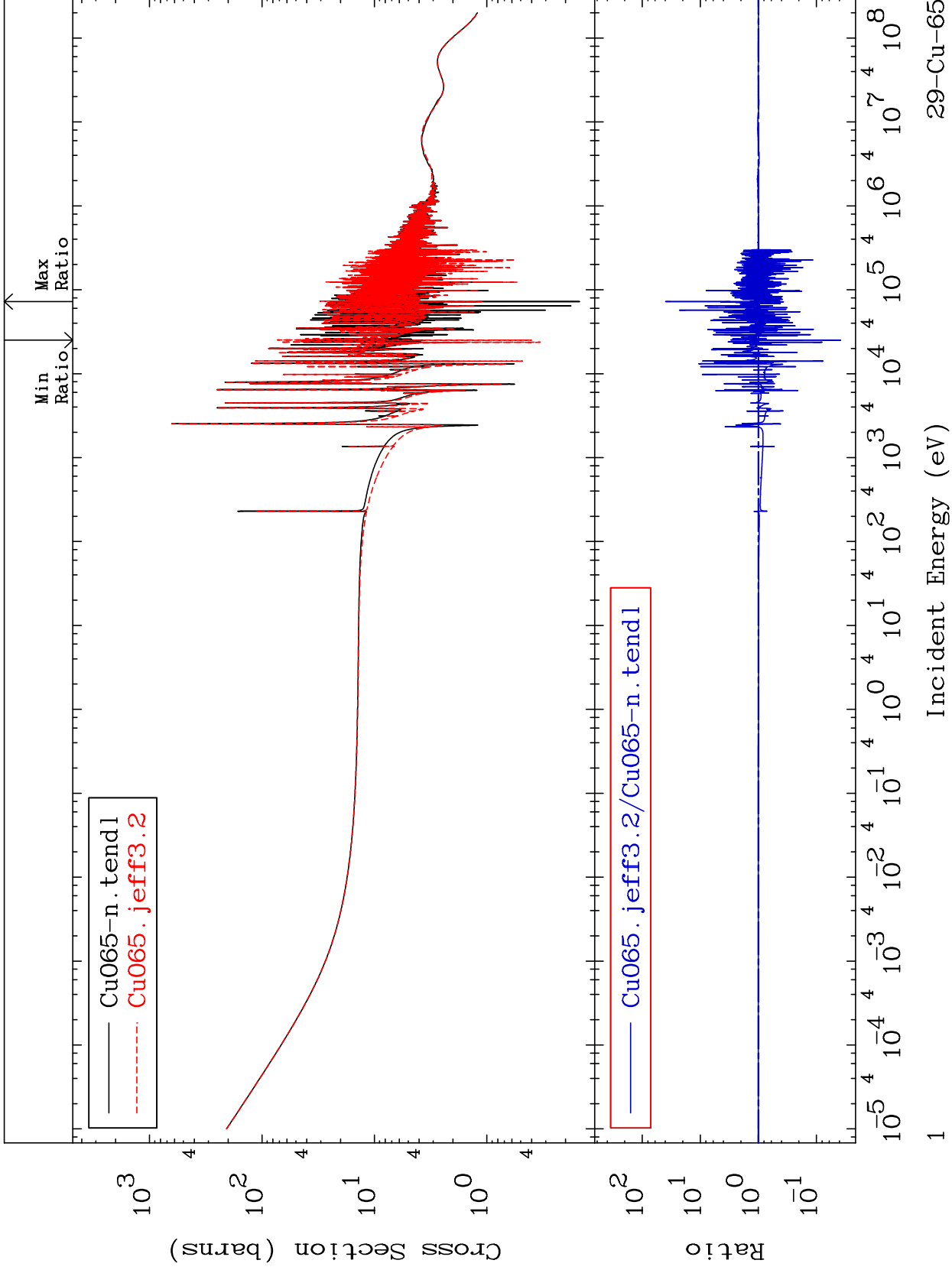


MAT 2931

Total
Cross Section

29-Cu-65
-96.17 To 3873. %

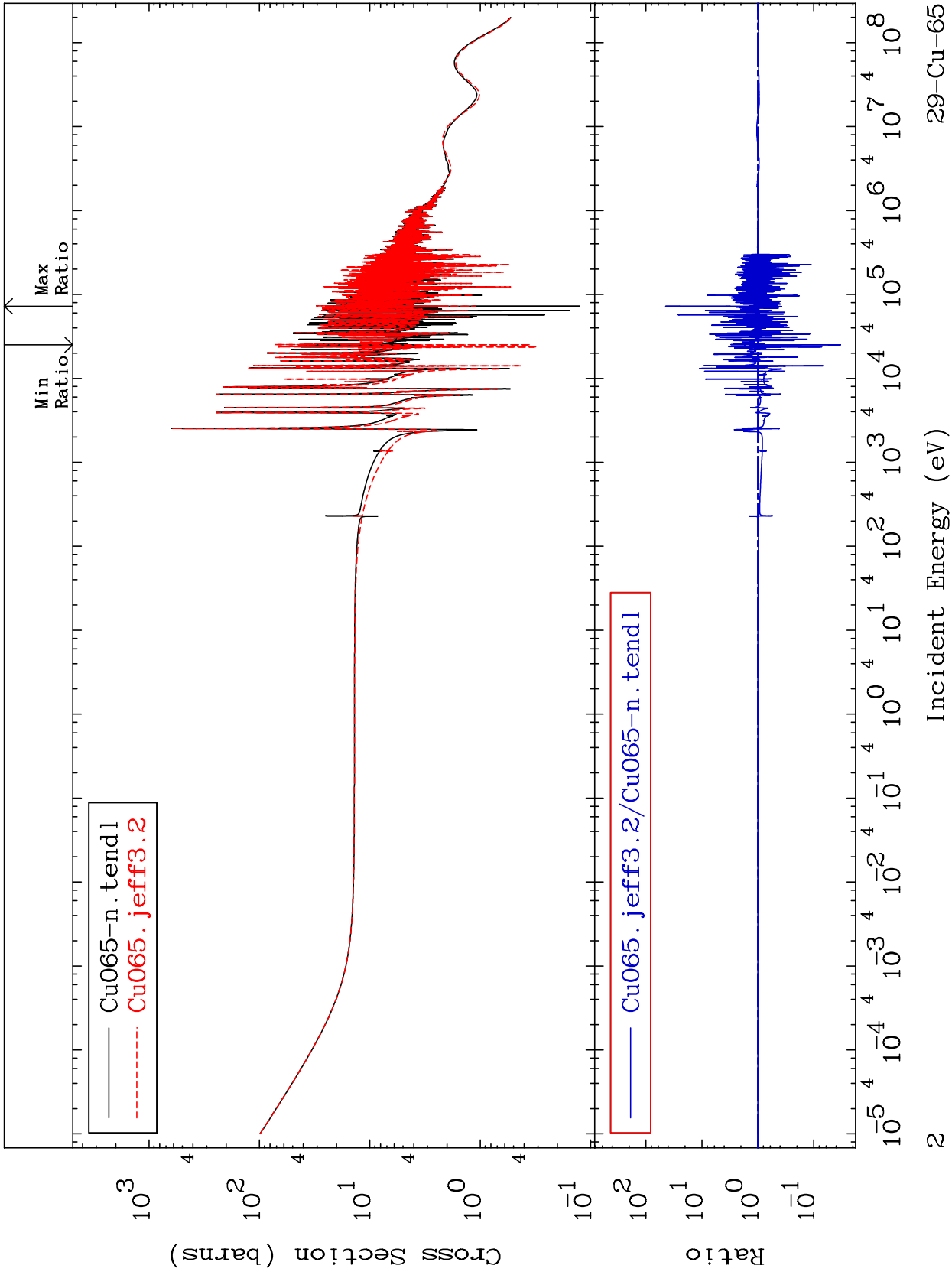


29-Cu-65

MAT 2931

Elastic
Cross Section

29-Cu-65
-96.68 To 4371. %

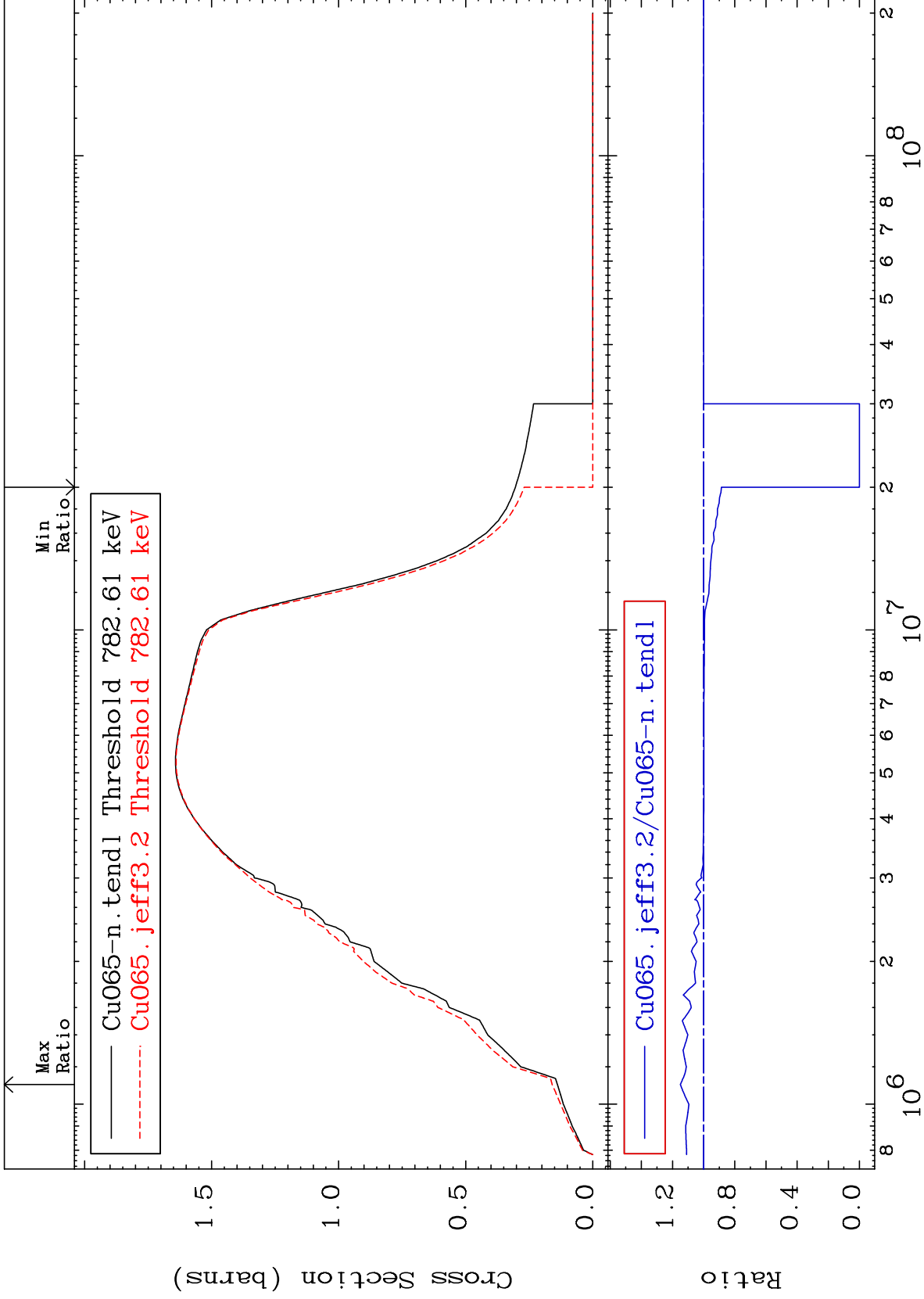


29-Cu-65

MAT 2931

Inelastic
Cross Section

29-Cu-65
-100.0 To 14.96 %



3

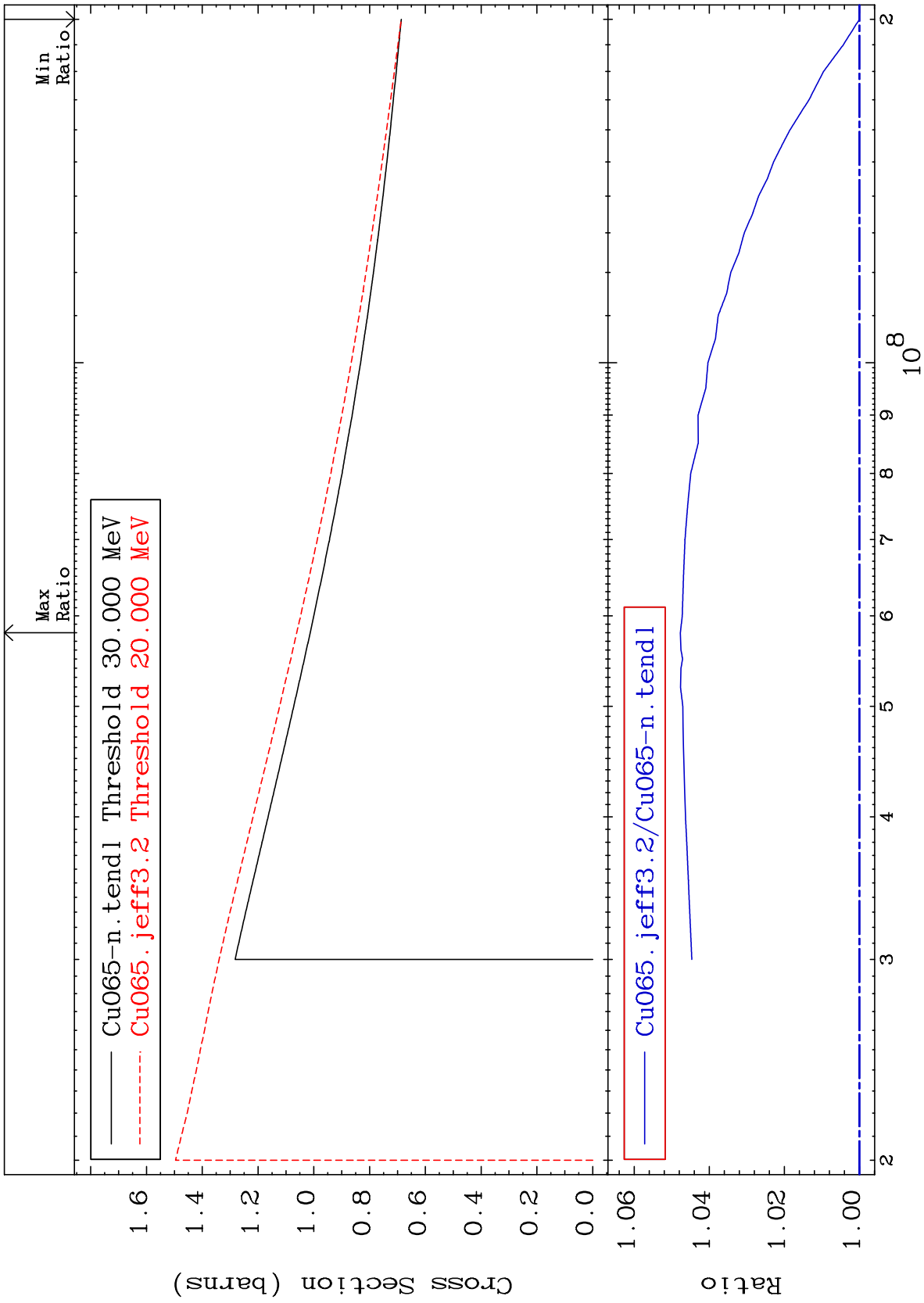
Incident Energy (eV)

29-Cu-65

MAT 2931

(n, remainder)
Cross Section

0.001 To 4.770 %
29-Cu-65



4

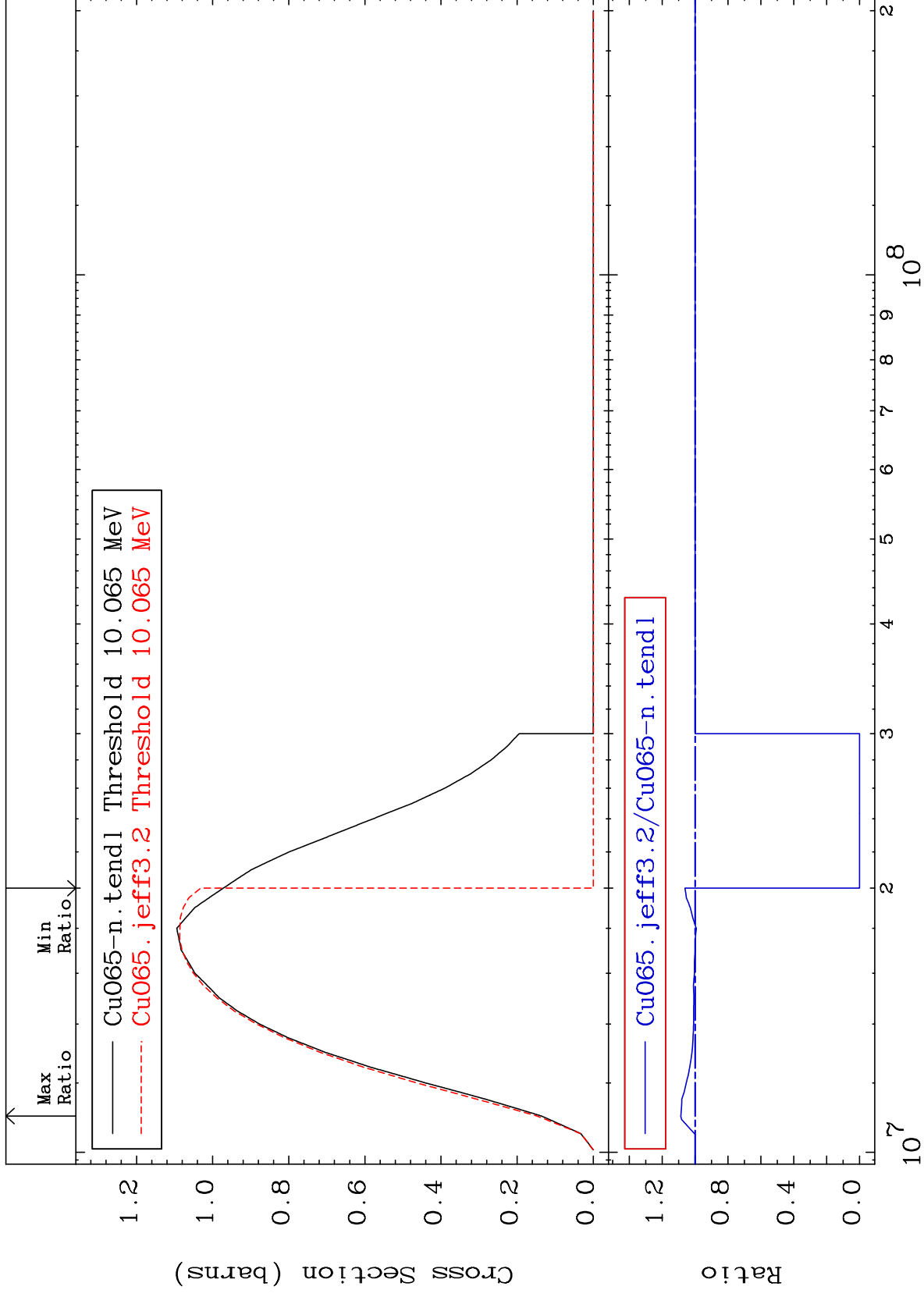
Incident Energy (eV)

29-Cu-65

MAT 2931

(n,2n)
Cross Section

29-Cu-65
-100.0 To 8.661 %

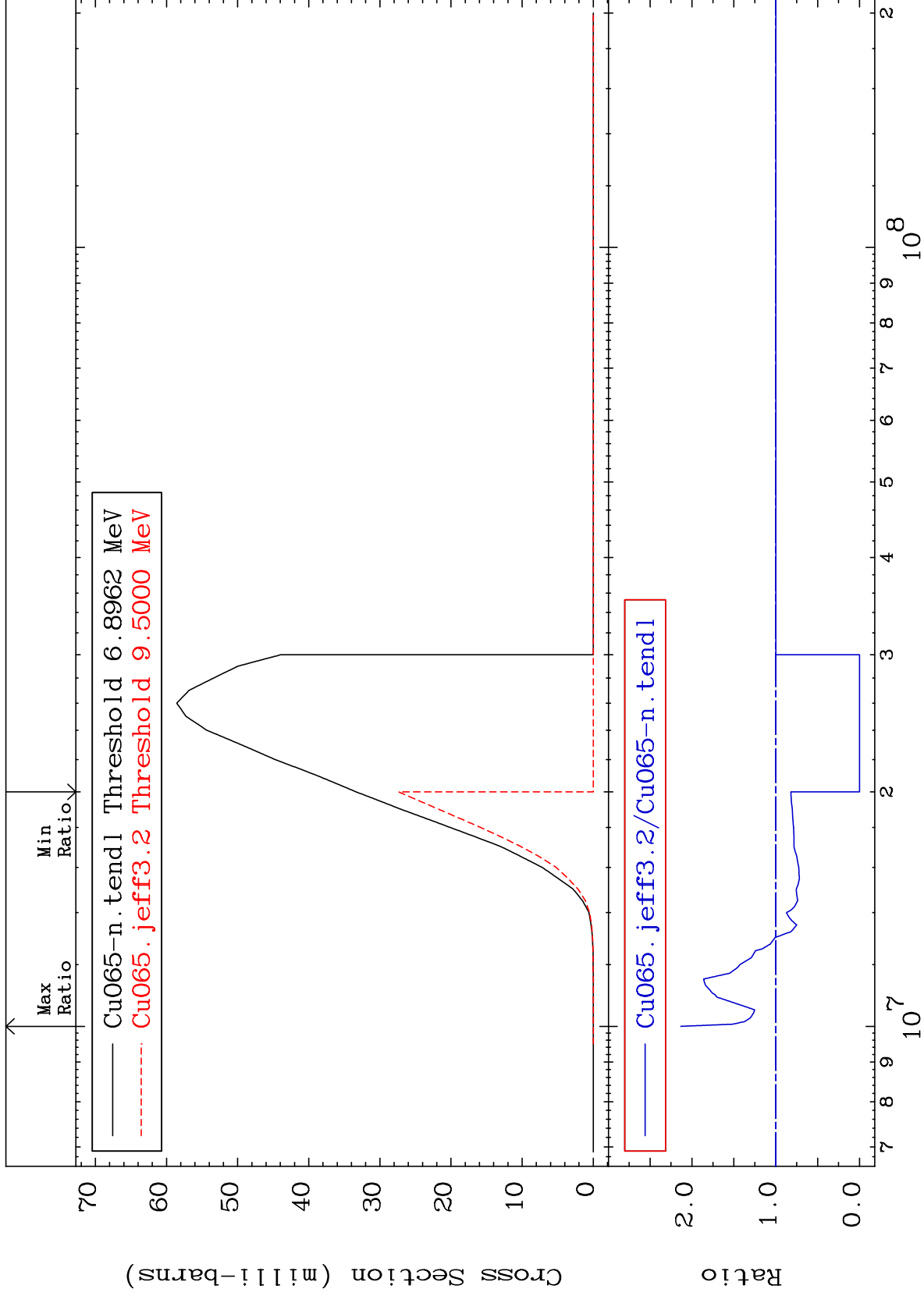


29-Cu-65

MAT 2931

(n, n') α
Cross Section

29-Cu-65
-100.0 To 113.4 %



6

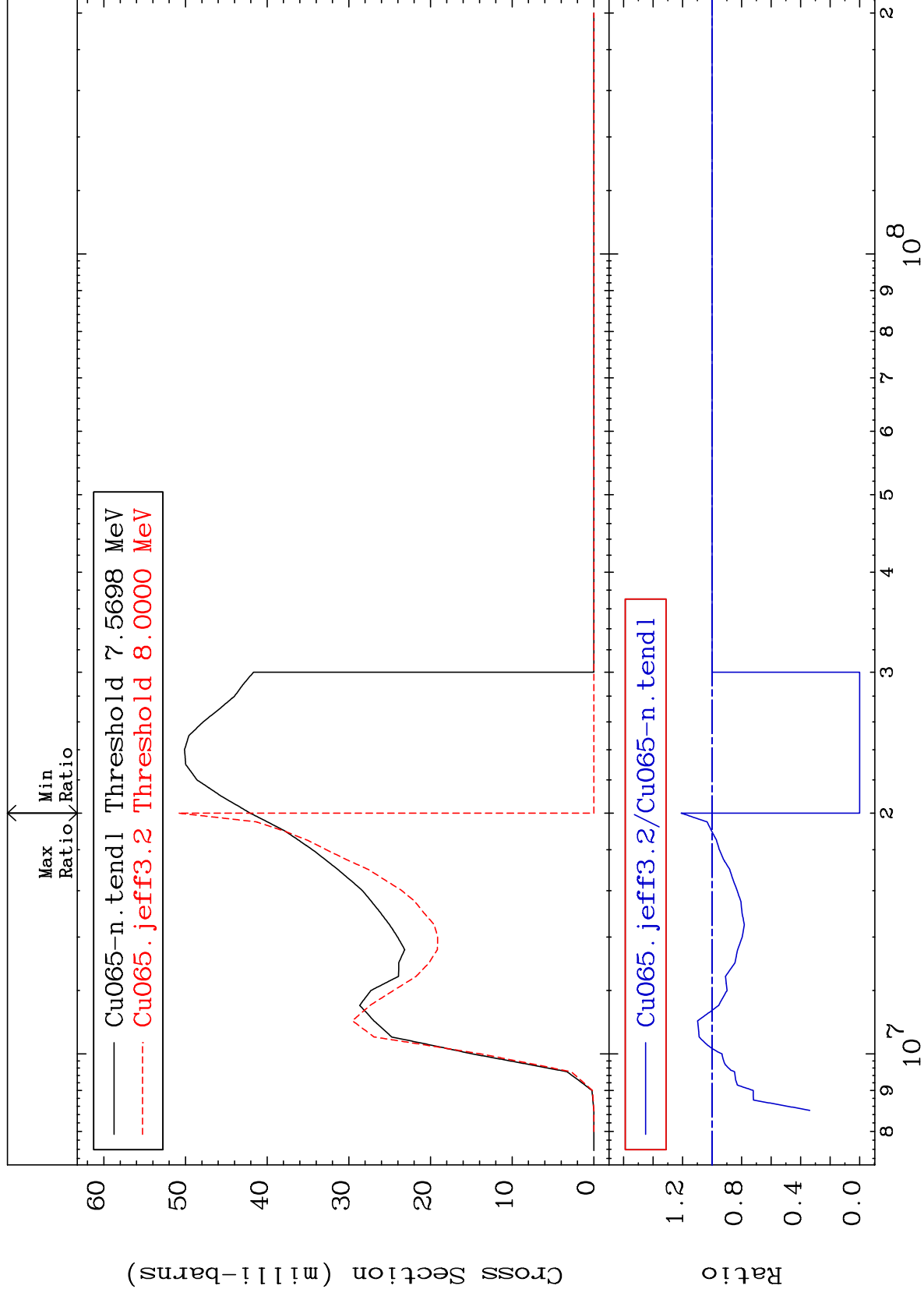
Incident Energy (eV)

29-Cu-65

MAT 2931

(n,n') p
Cross Section

29-Cu-65
-100.0 To 20.94 %



7

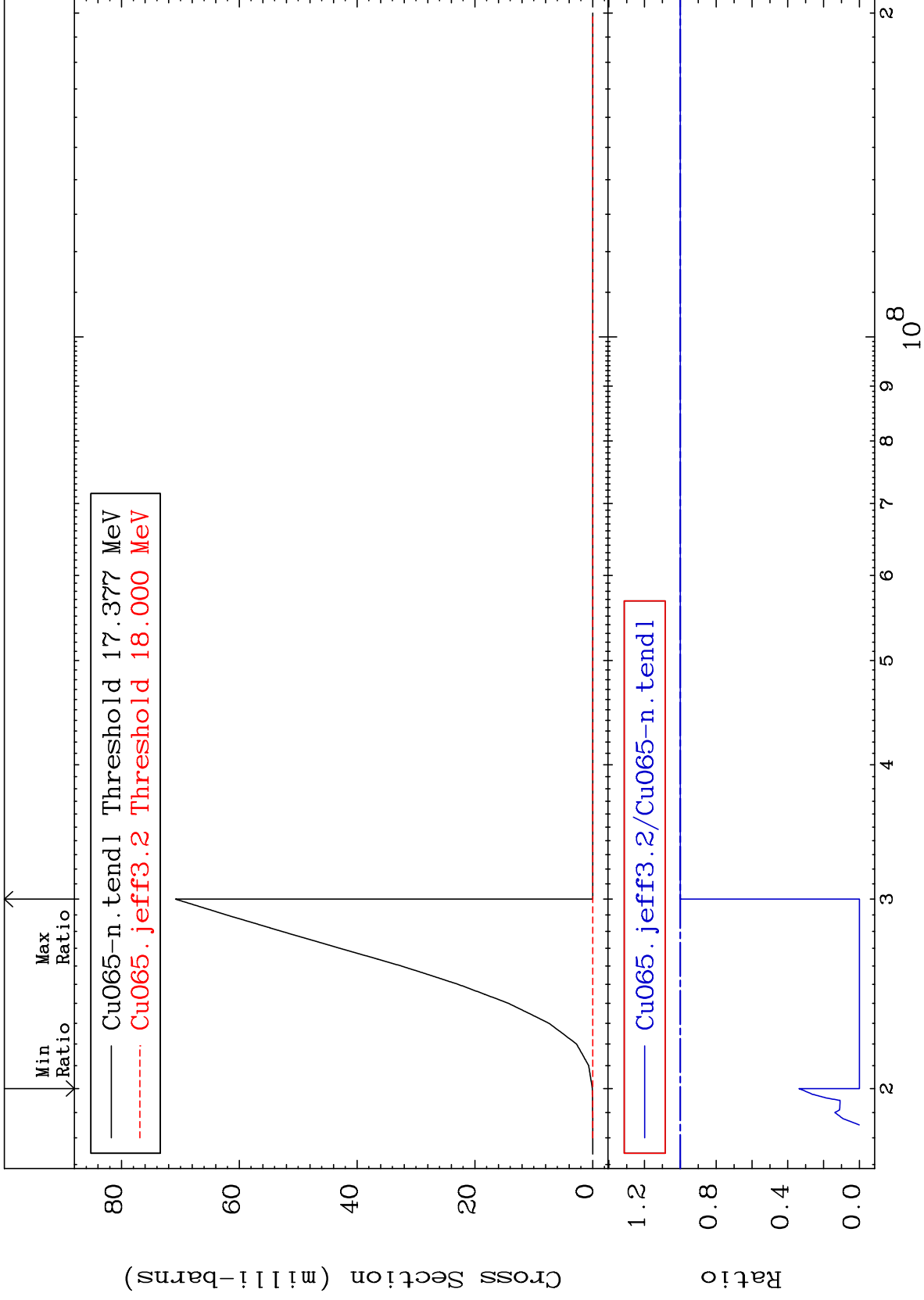
Incident Energy (eV)

29-Cu-65

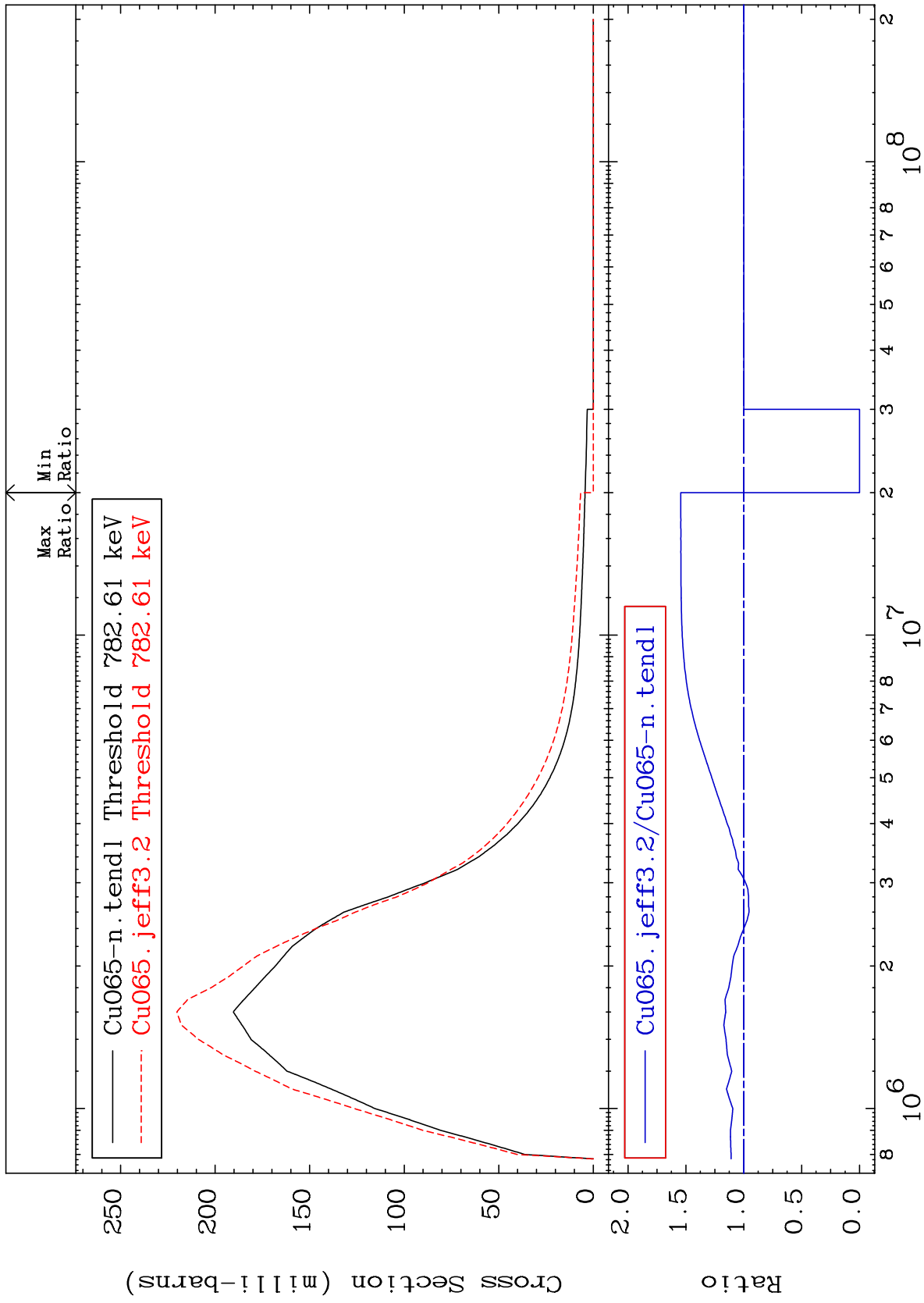
MAT 2931

(n,2n) p
Cross Section

29-Cu-65
-100.0 To 0.000 %

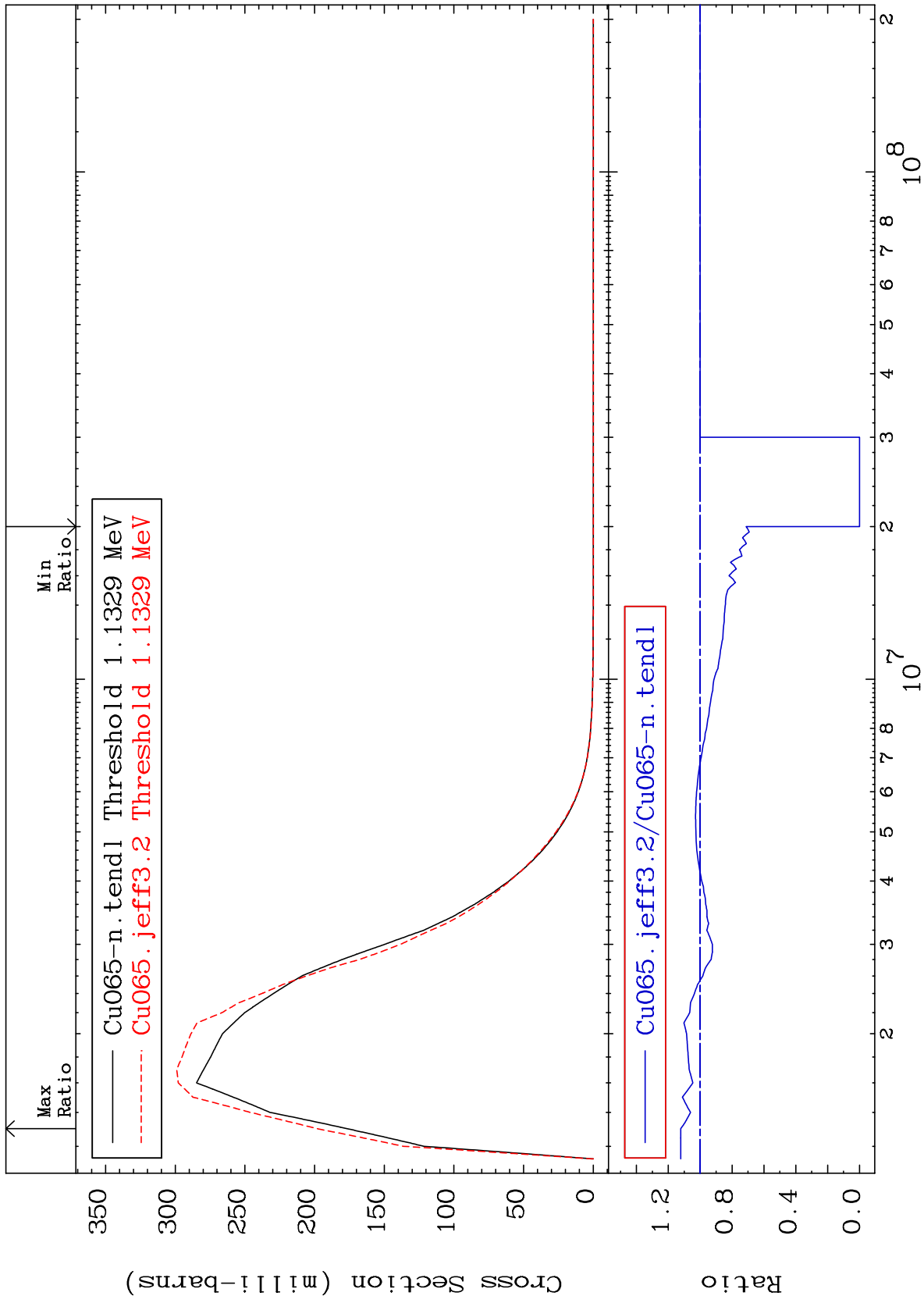


MAT 2931 29-Cu-65
 770.6 keV (n,n') Level -100.0 To 54.43 %
 Cross Section



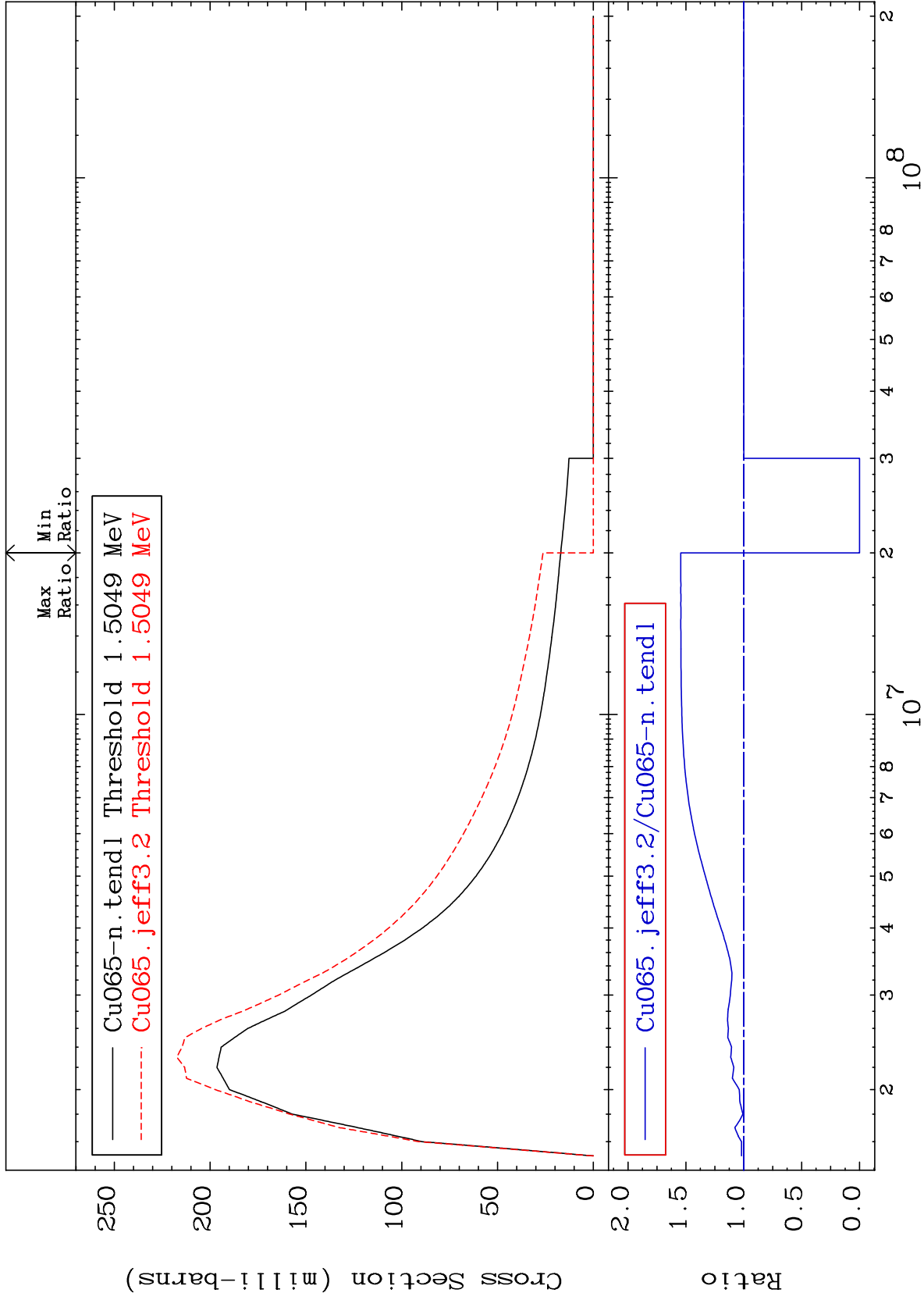
9 29-Cu-65

MAT 2931 1.116 MeV (n,n') Level 29-Cu-65
 Cross Section -100.0 To 12.17 %



10 Incident Energy (eV) 29-Cu-65

MAT 2931 1.482 MeV (n,n') Level 29-Cu-65
 Cross Section -100.0 To 54.42 %



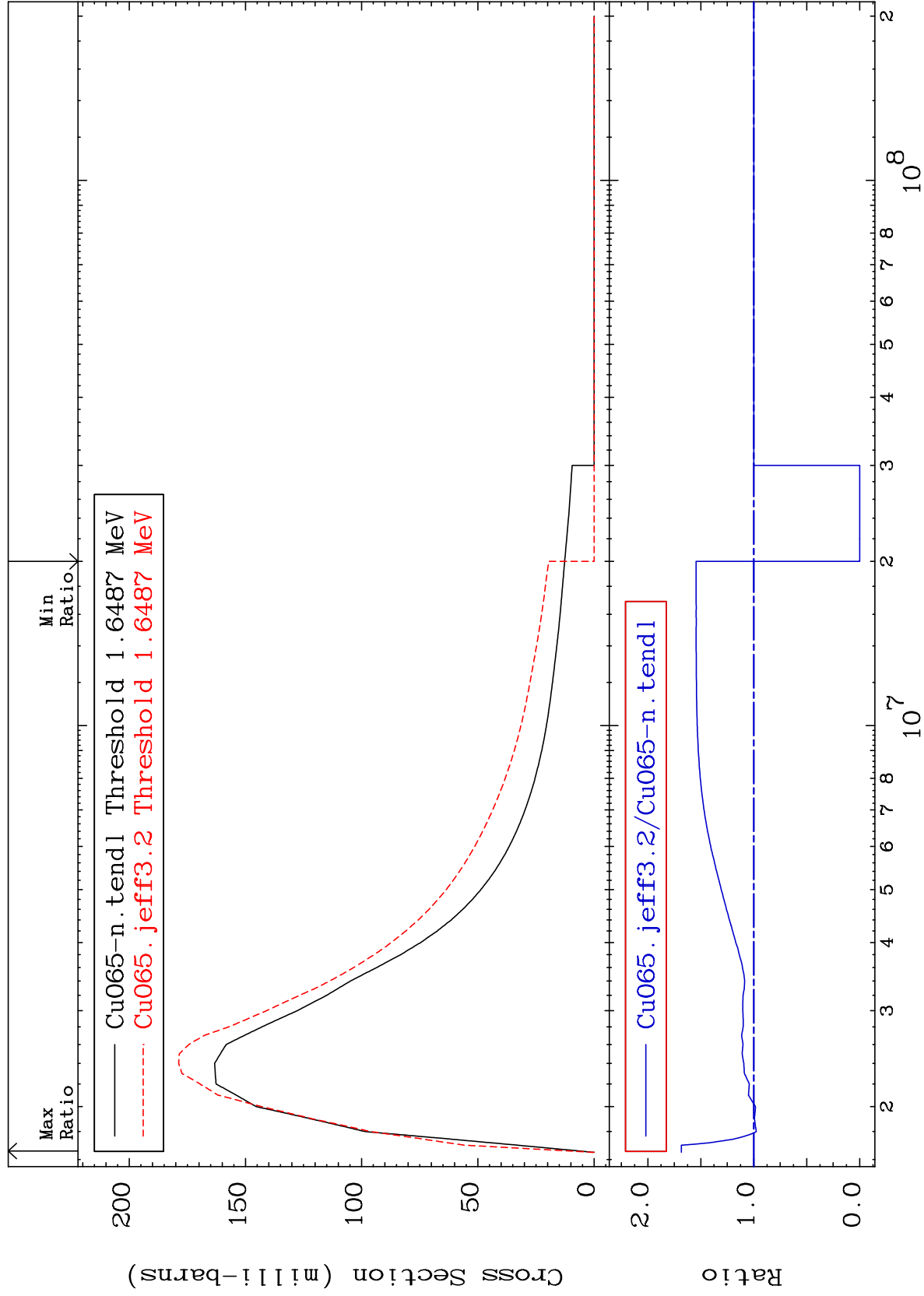
MAT 2931

1.623 MeV (n,n') Level

29-Cu-65

-100.0 To 68.32 %

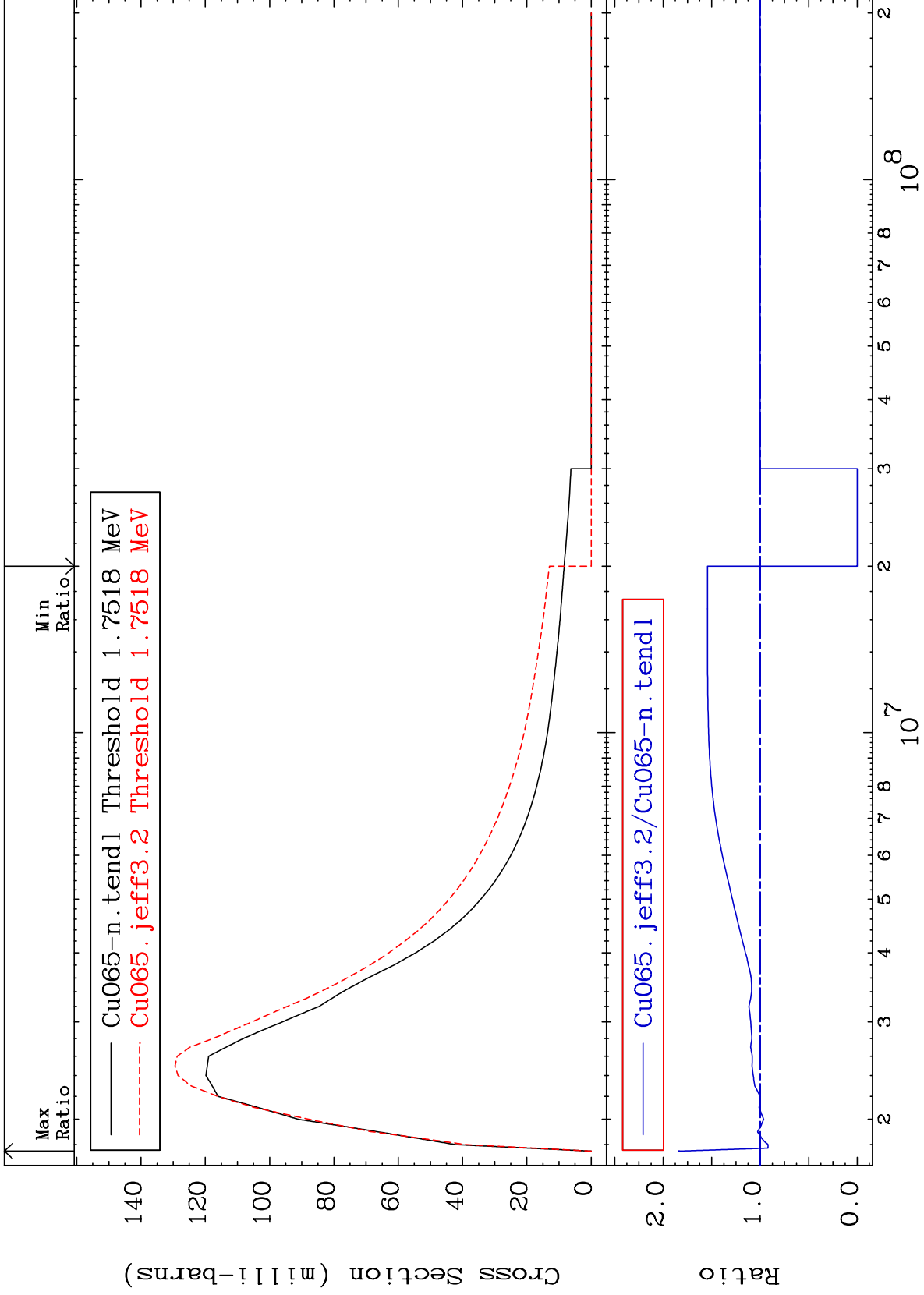
Cross Section



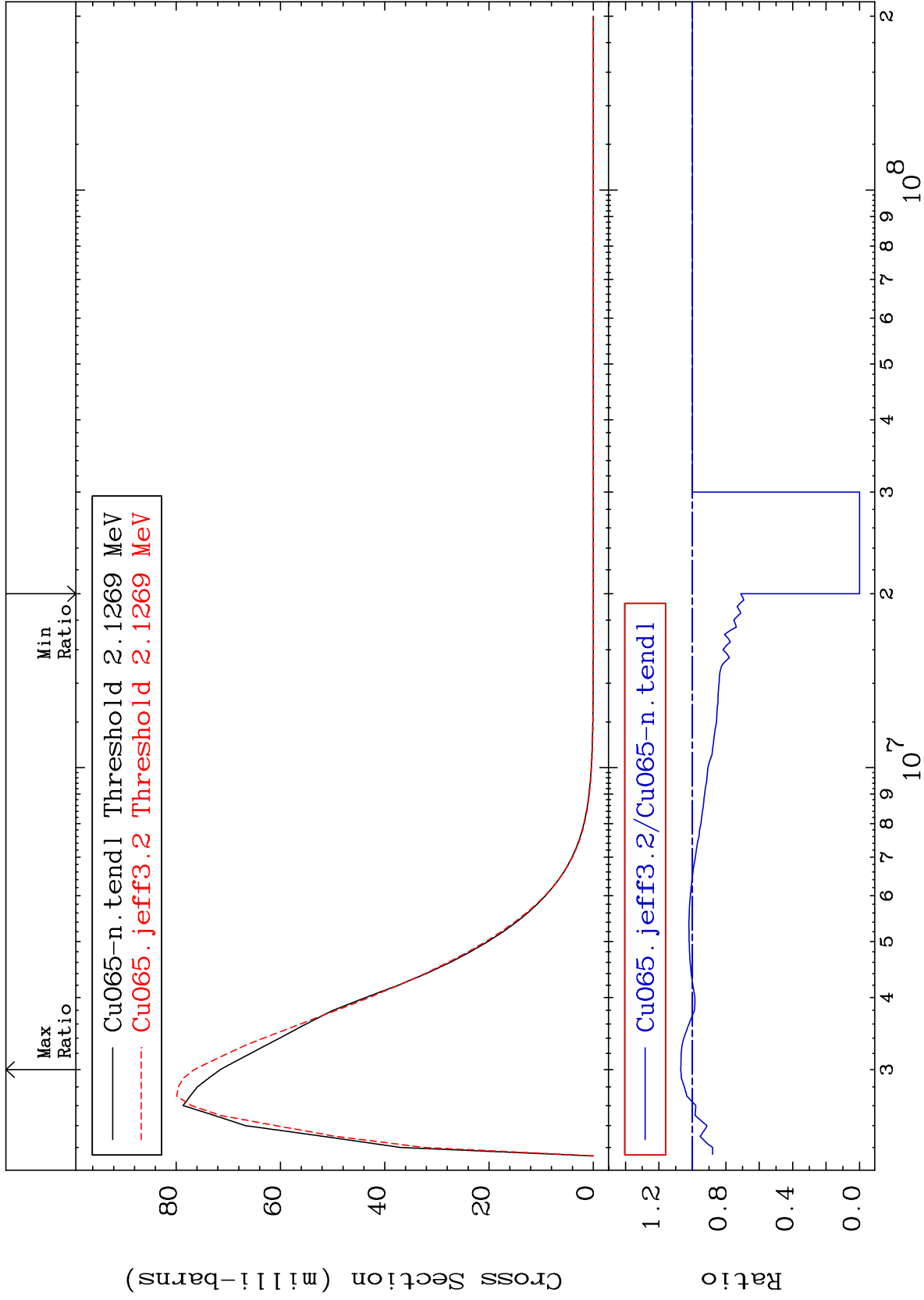
MAT 2931

1.725 MeV (n,n') Level
Cross Section

29-Cu-65
-100.0 To 84.07 %



MAT 2931 2.094 MeV (n,n') Level 29-Cu-65
 Cross Section -100.0 To 6.952 %

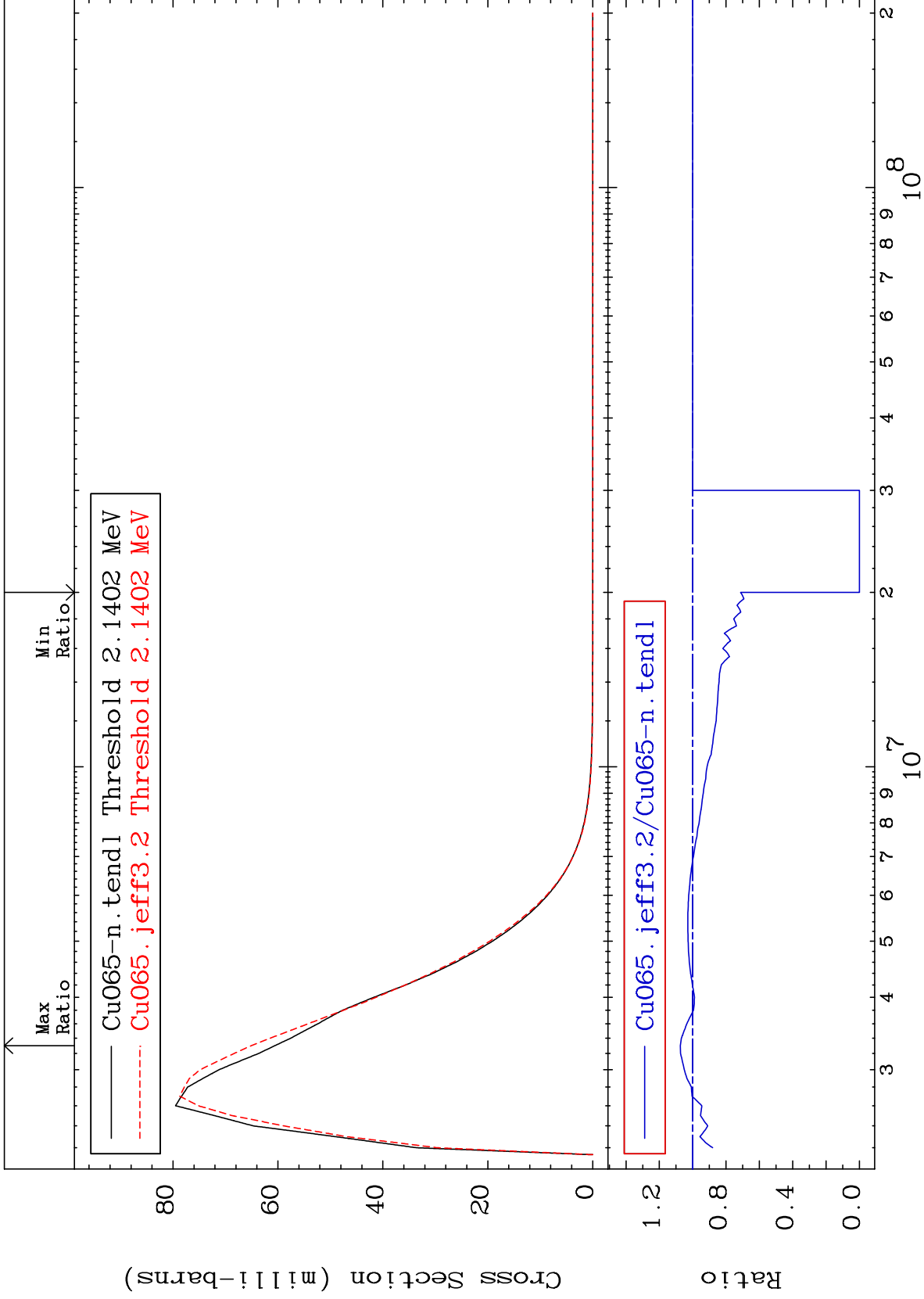


14 29-Cu-65

MAT 2931

2.107 MeV (n,n') Level
Cross Section

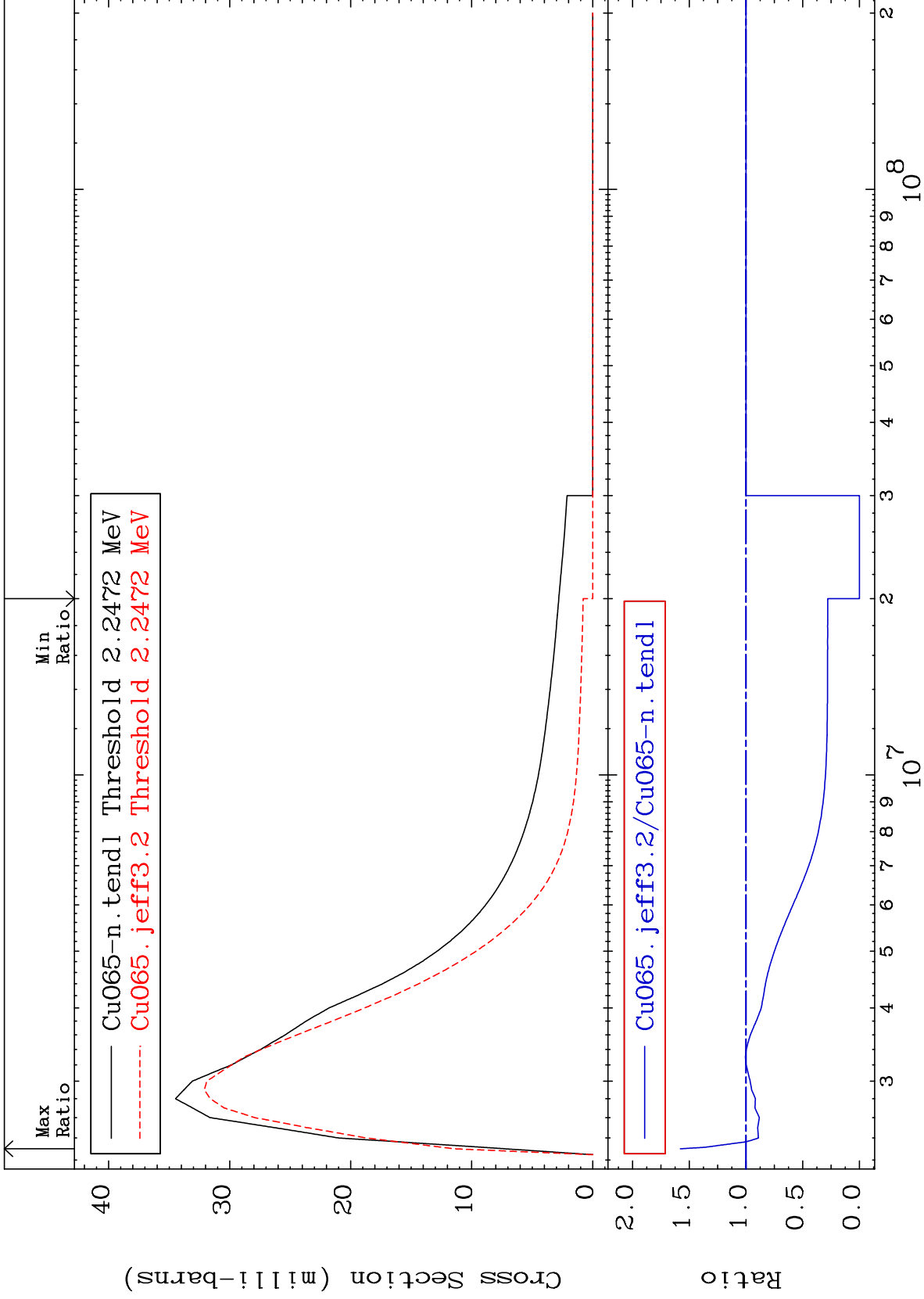
29-Cu-65
-100.0 To 7.401 %



MAT 2931

2.213 MeV (n,n') Level
Cross Section

29-Cu-65
-100.0 To 57.85 %



16

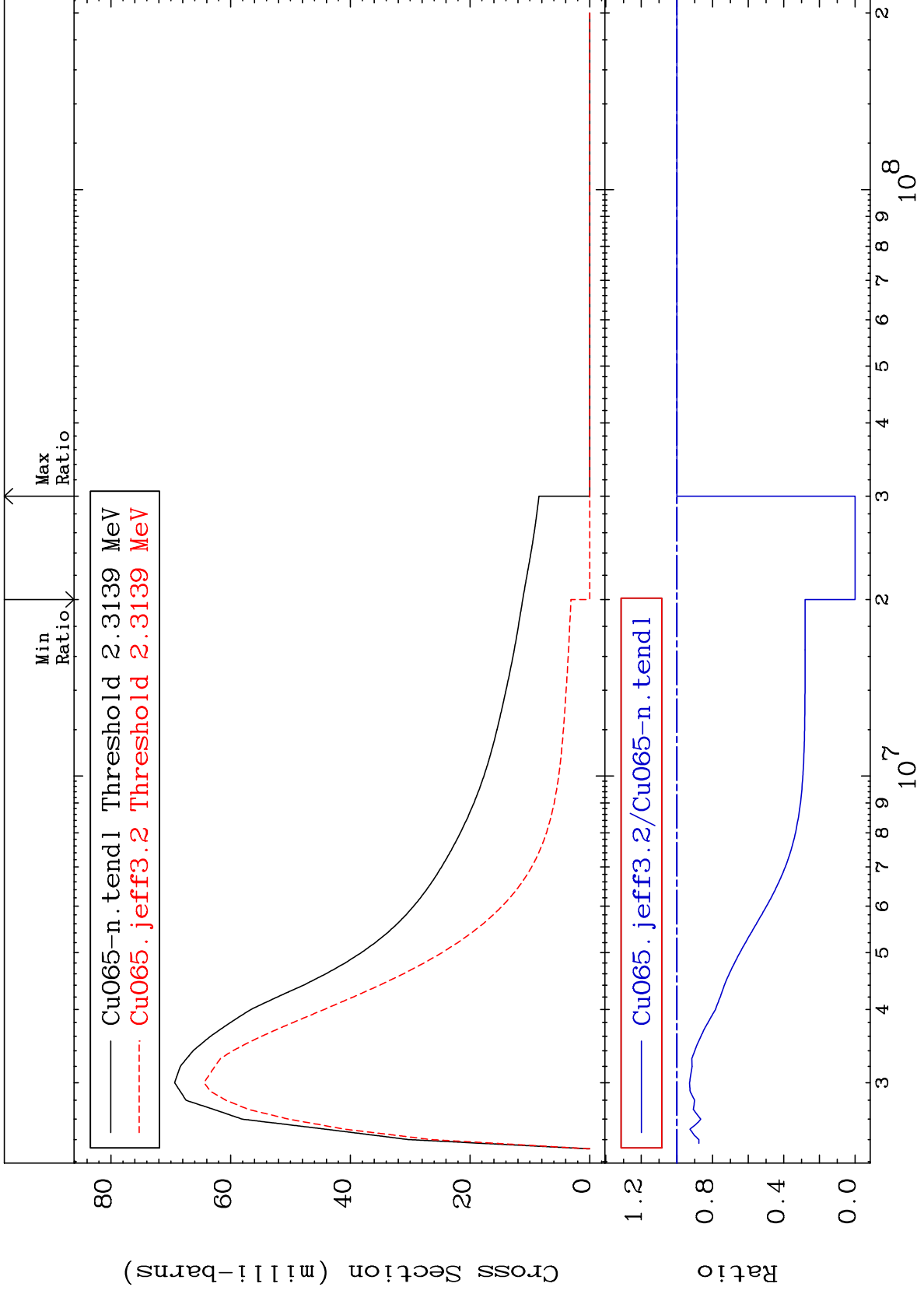
Incident Energy (eV)

29-Cu-65

MAT 2931

2.278 MeV (n,n') Level
Cross Section

29-Cu-65
-100.0 To 0.000 %



17

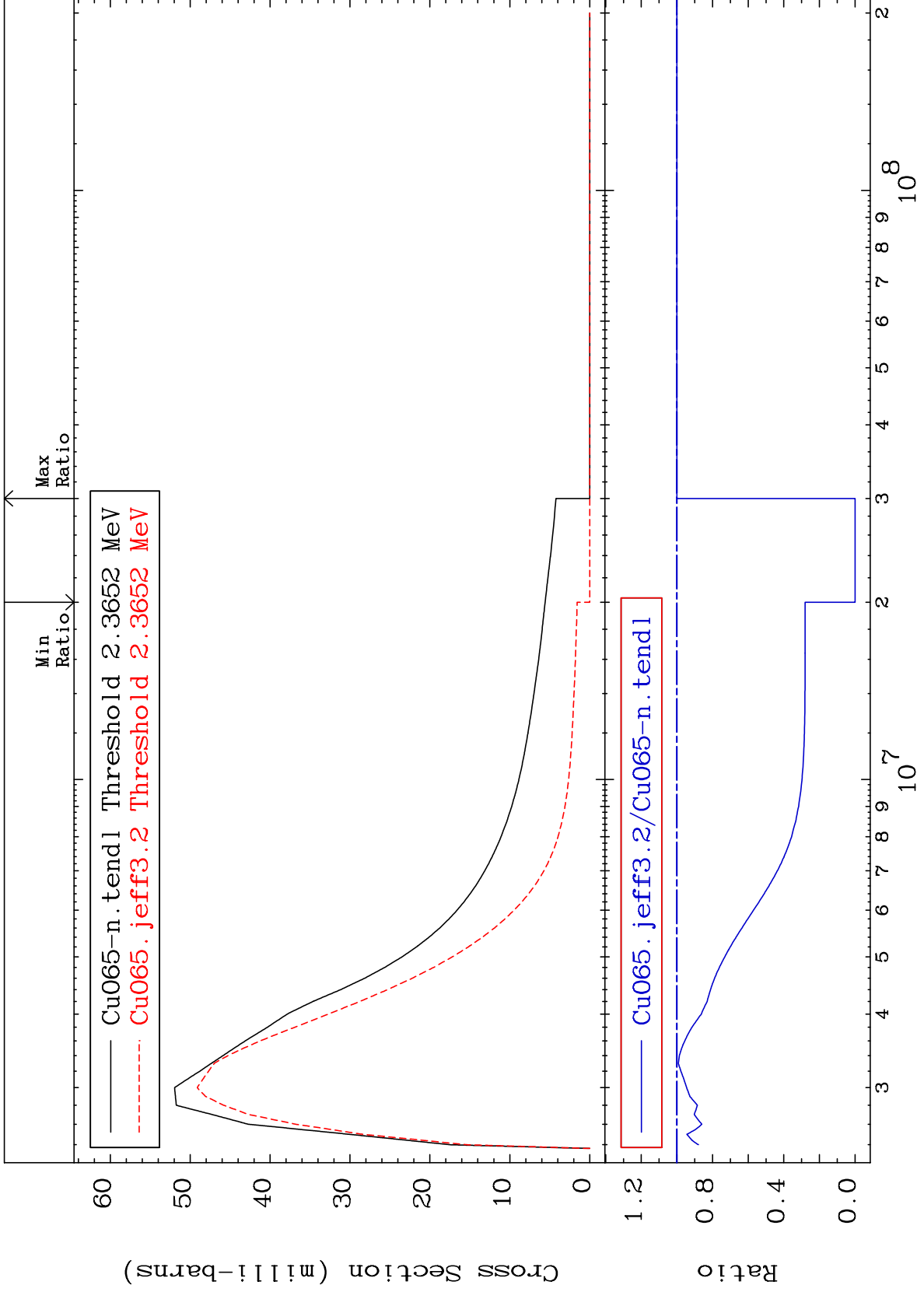
Incident Energy (eV)

29-Cu-65

MAT 2931

2.329 MeV (n,n') Level
Cross Section

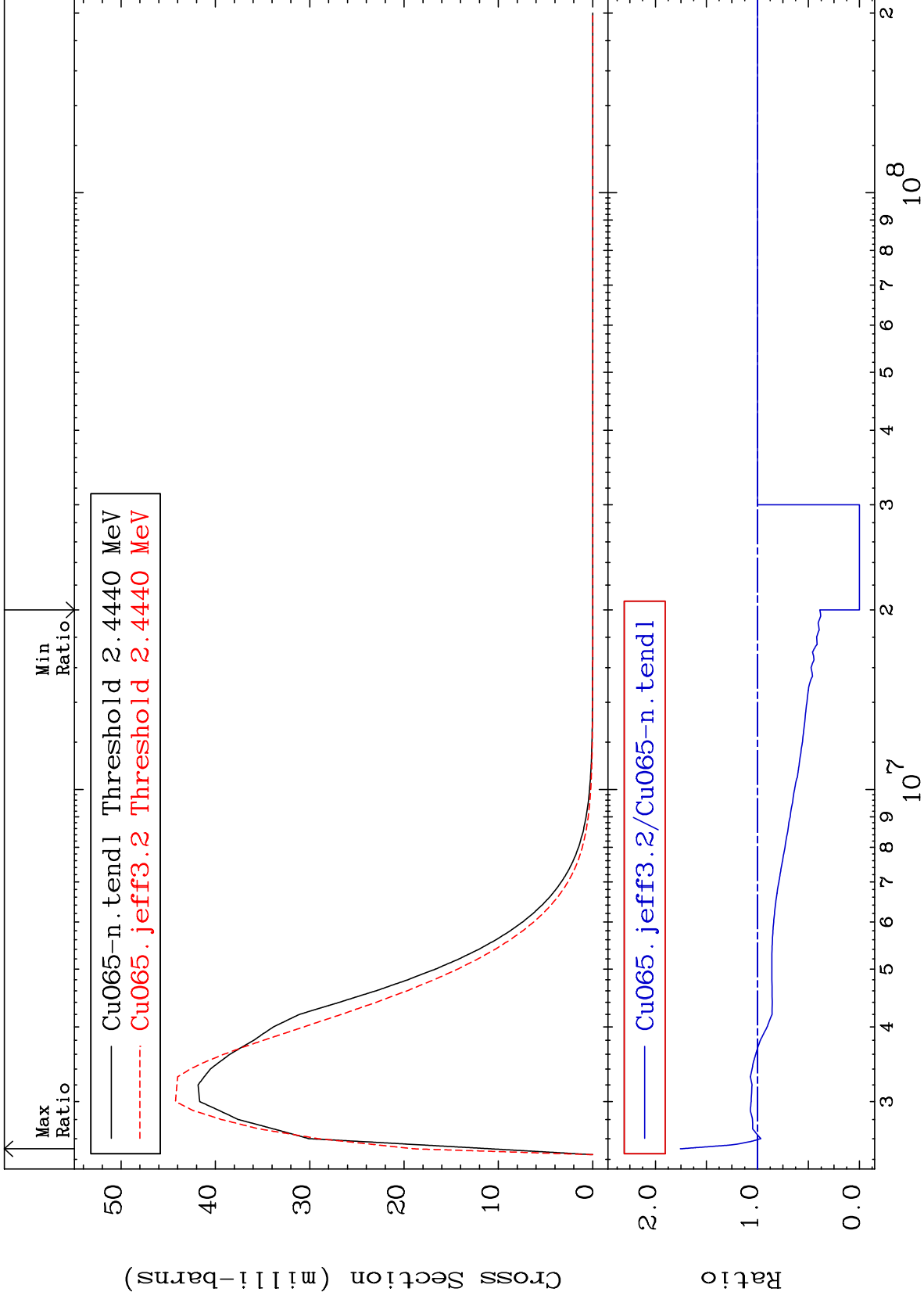
29-Cu-65
-100.0 To 0.000 %



MAT 2931

2.407 MeV (n,n') Level
Cross Section

29-Cu-65
-100.0 To 75.53 %



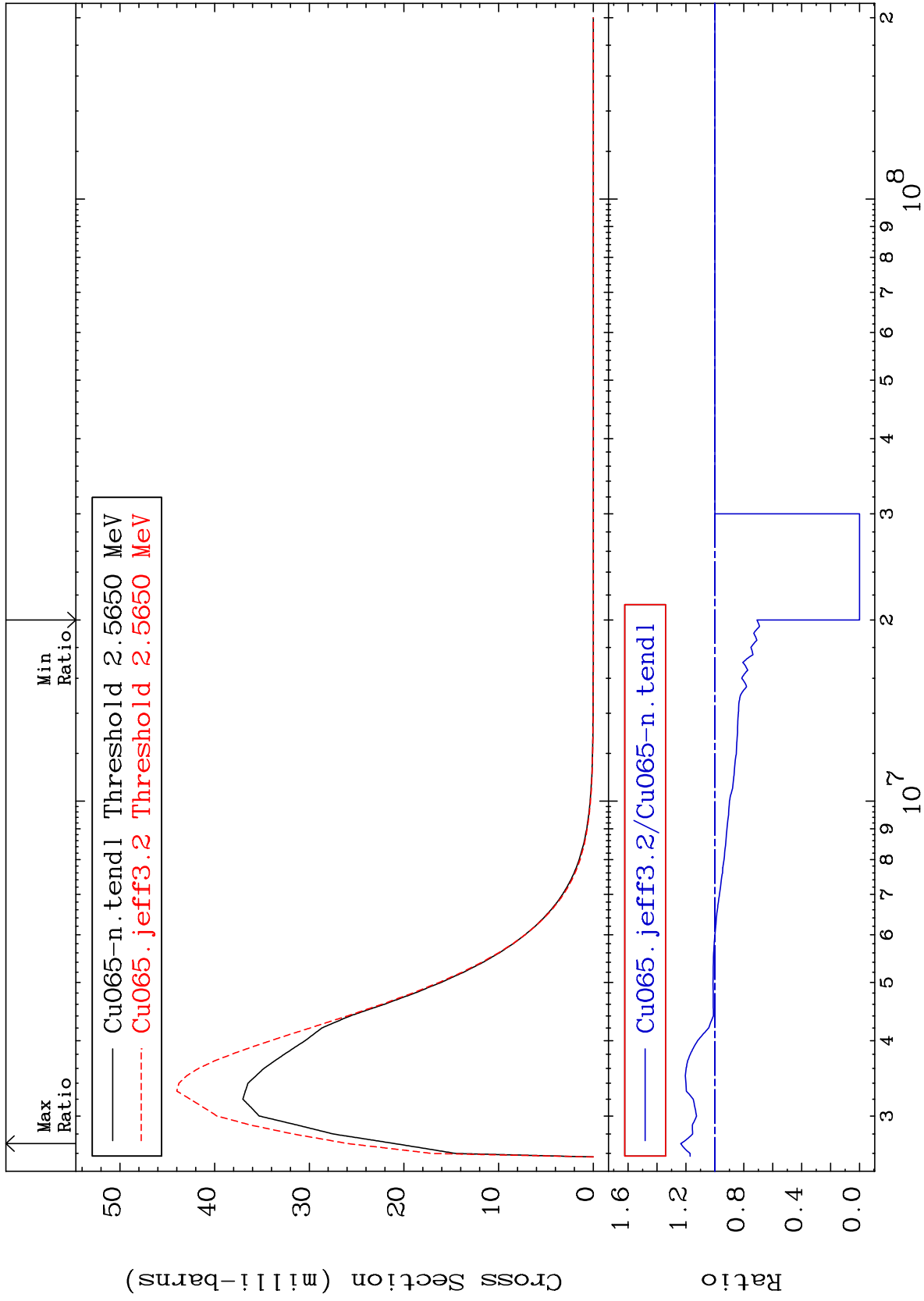
MAT 2931

2.526 MeV (n,n') Level

29-Cu-65

-100.0 To 23.62 %

Cross Section

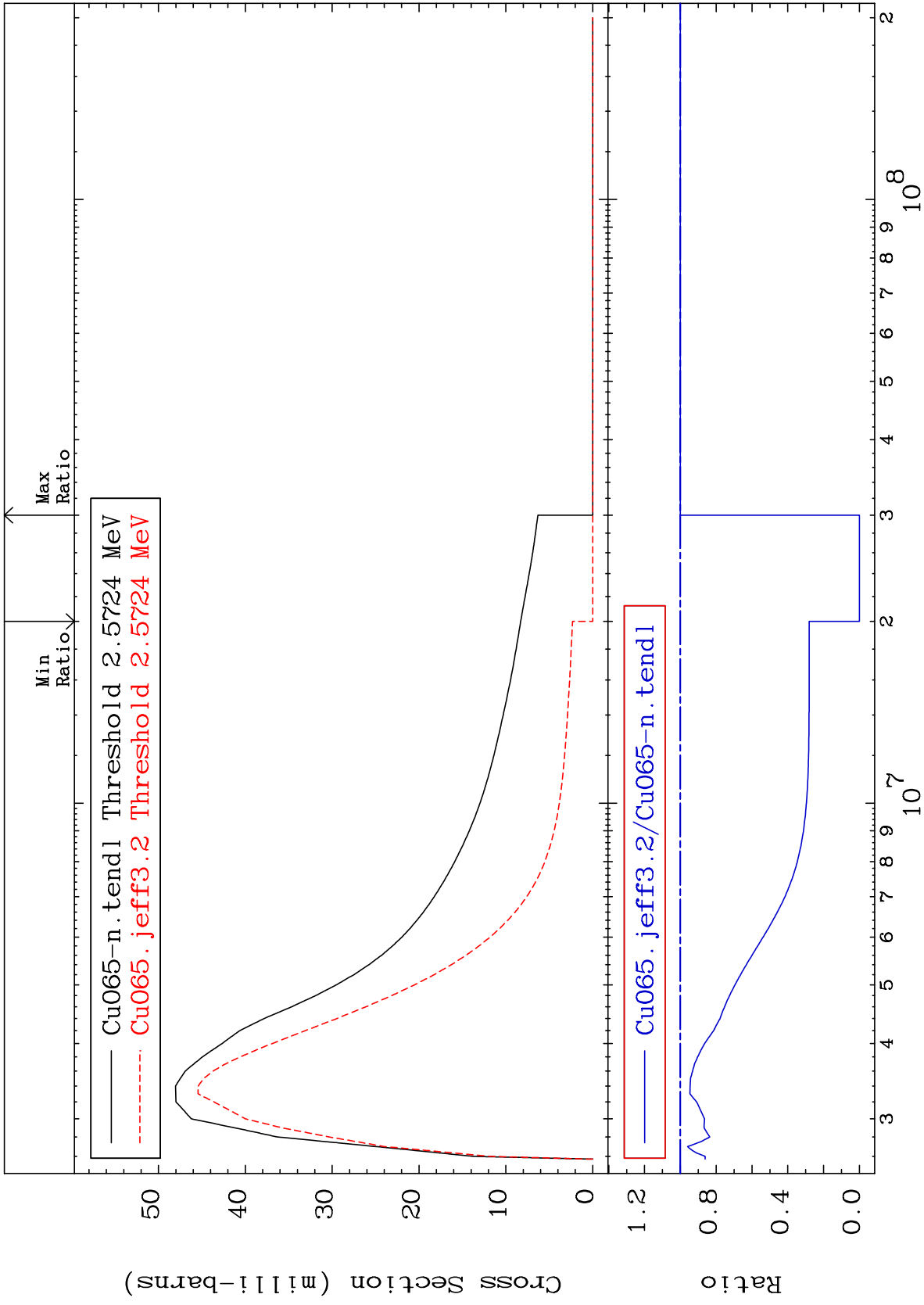


MAT 2931

2.533 MeV (n,n') Level

²⁹Cu-65

-100.0 To 0.000 %



21

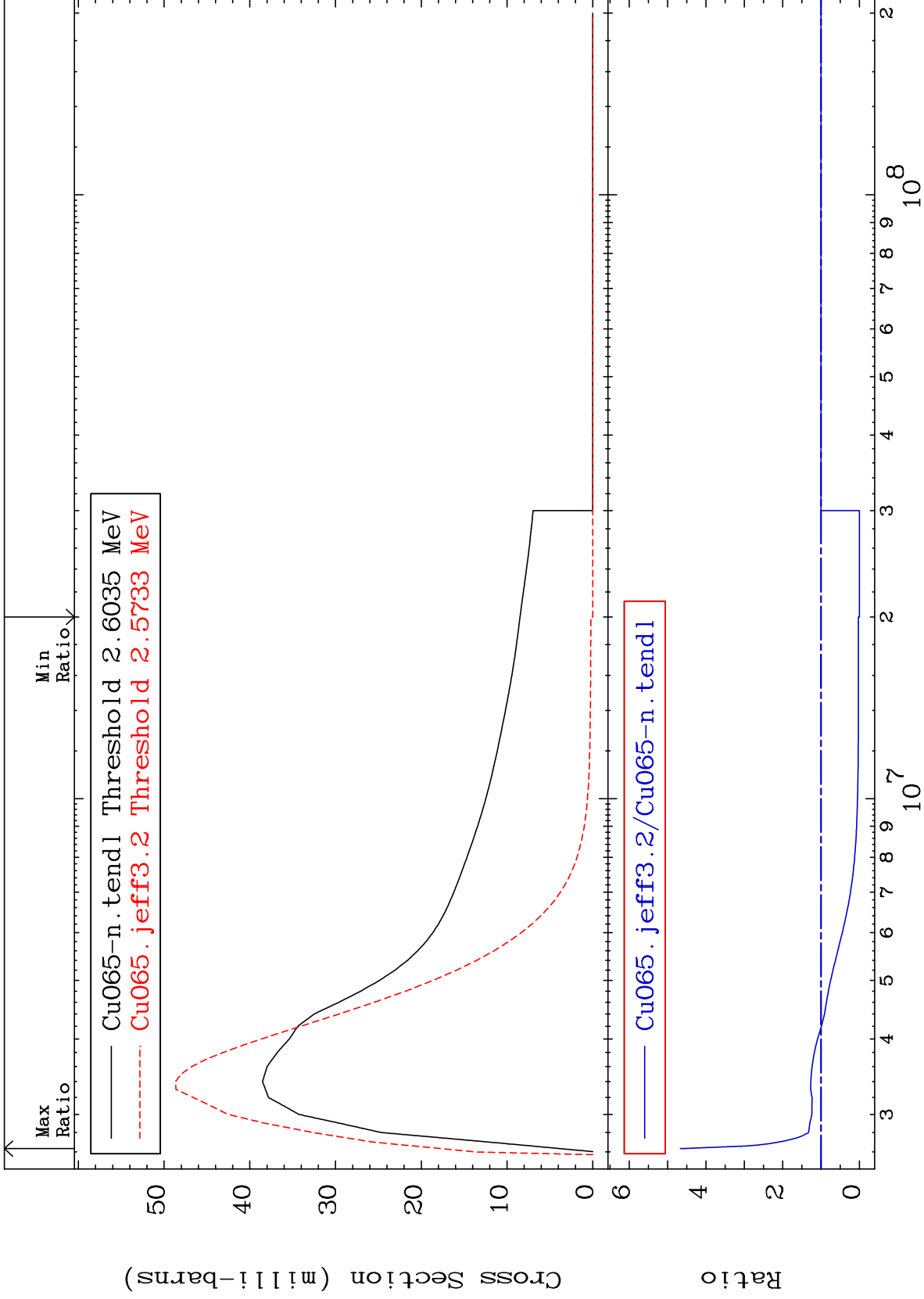
Incident Energy (eV)

²⁹Cu-65

MAT 2931

2.564 MeV (n,n') Level
Cross Section

29-Cu-65
-100.0 To 366.6 %

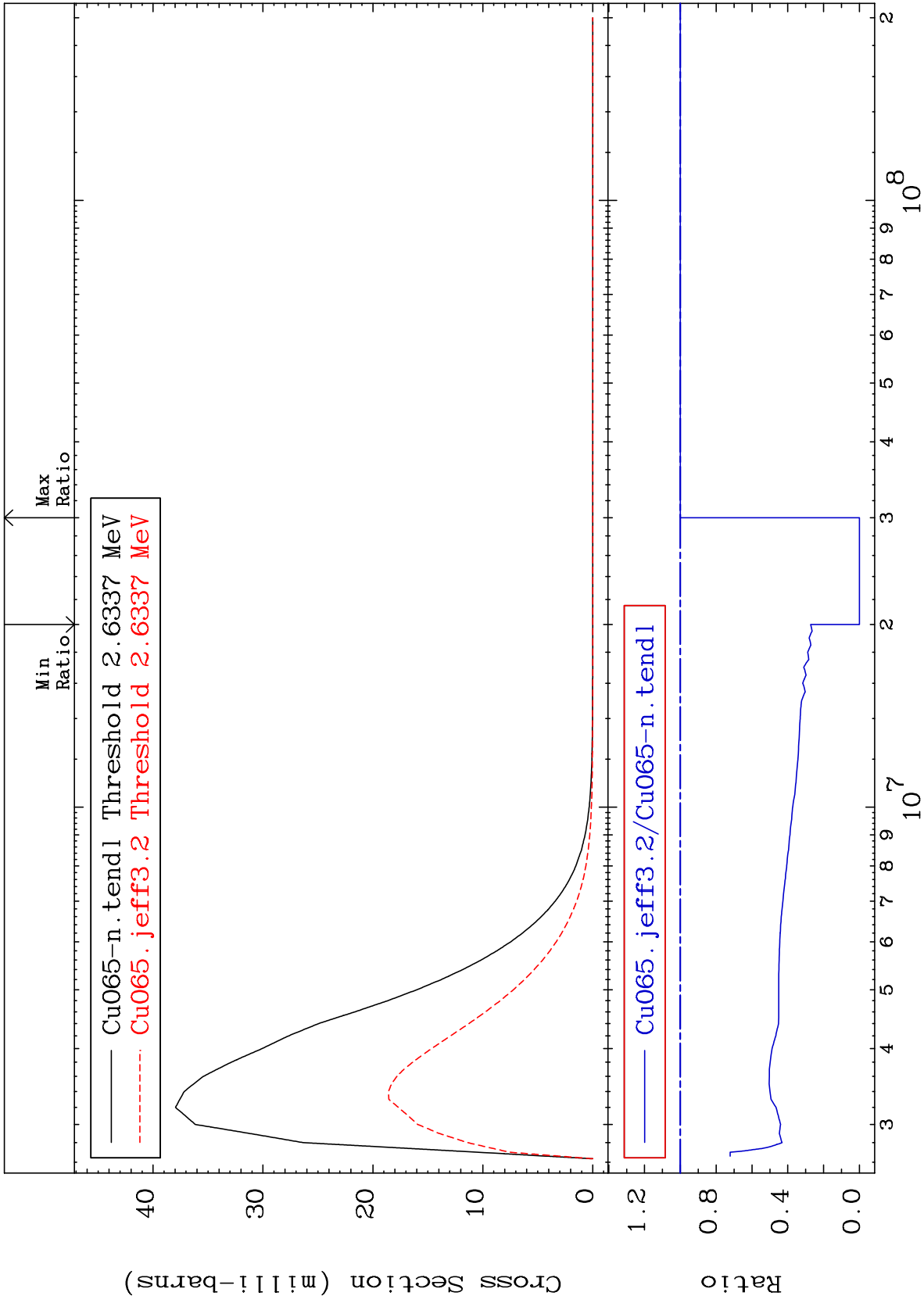


MAT 2931

2.593 MeV (n,n') Level

²⁹Cu-65

-100.0 To 0.000 %



23

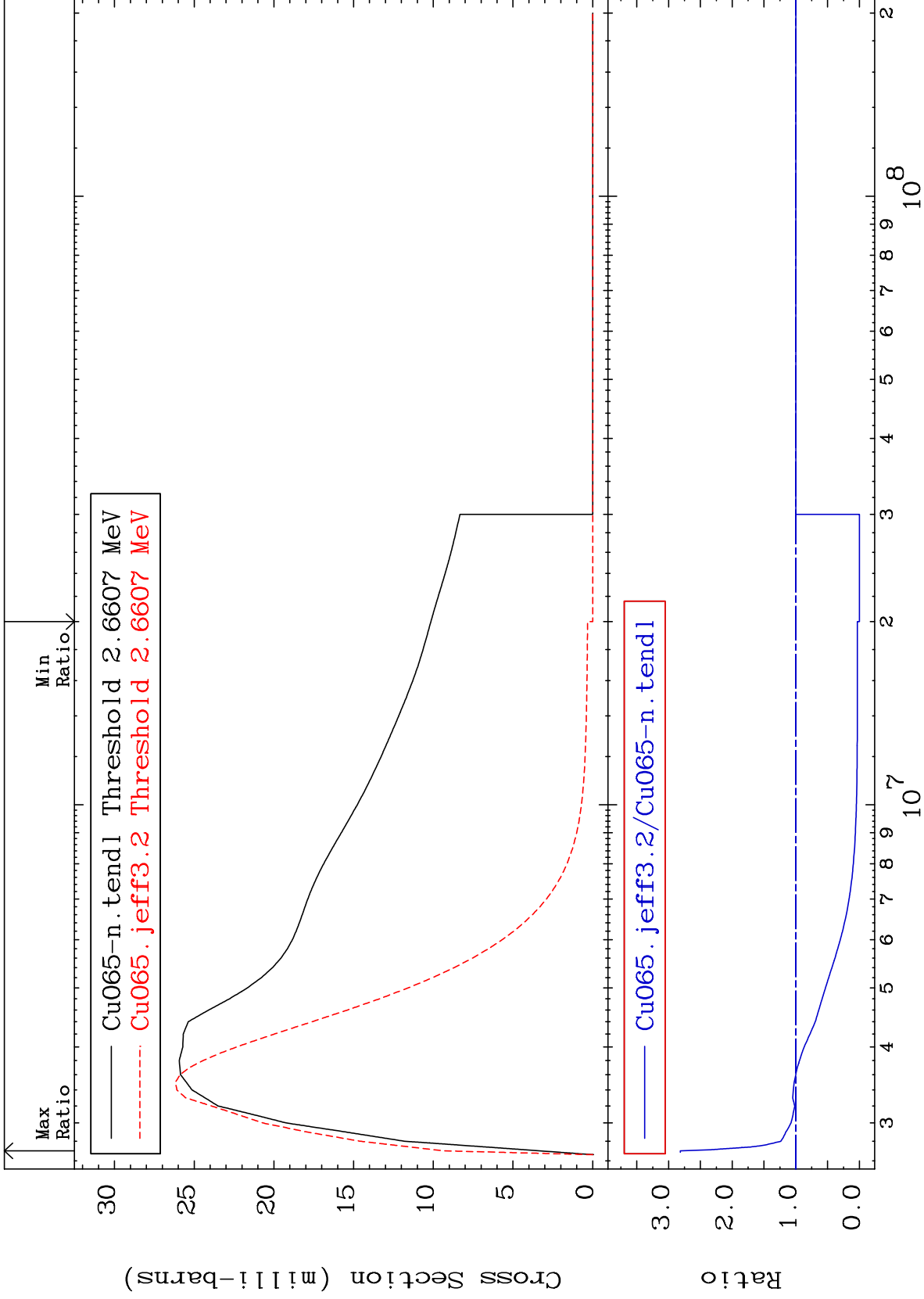
Incident Energy (eV)

²⁹Cu-65

MAT 2931

2.620 MeV (n,n') Level
Cross Section

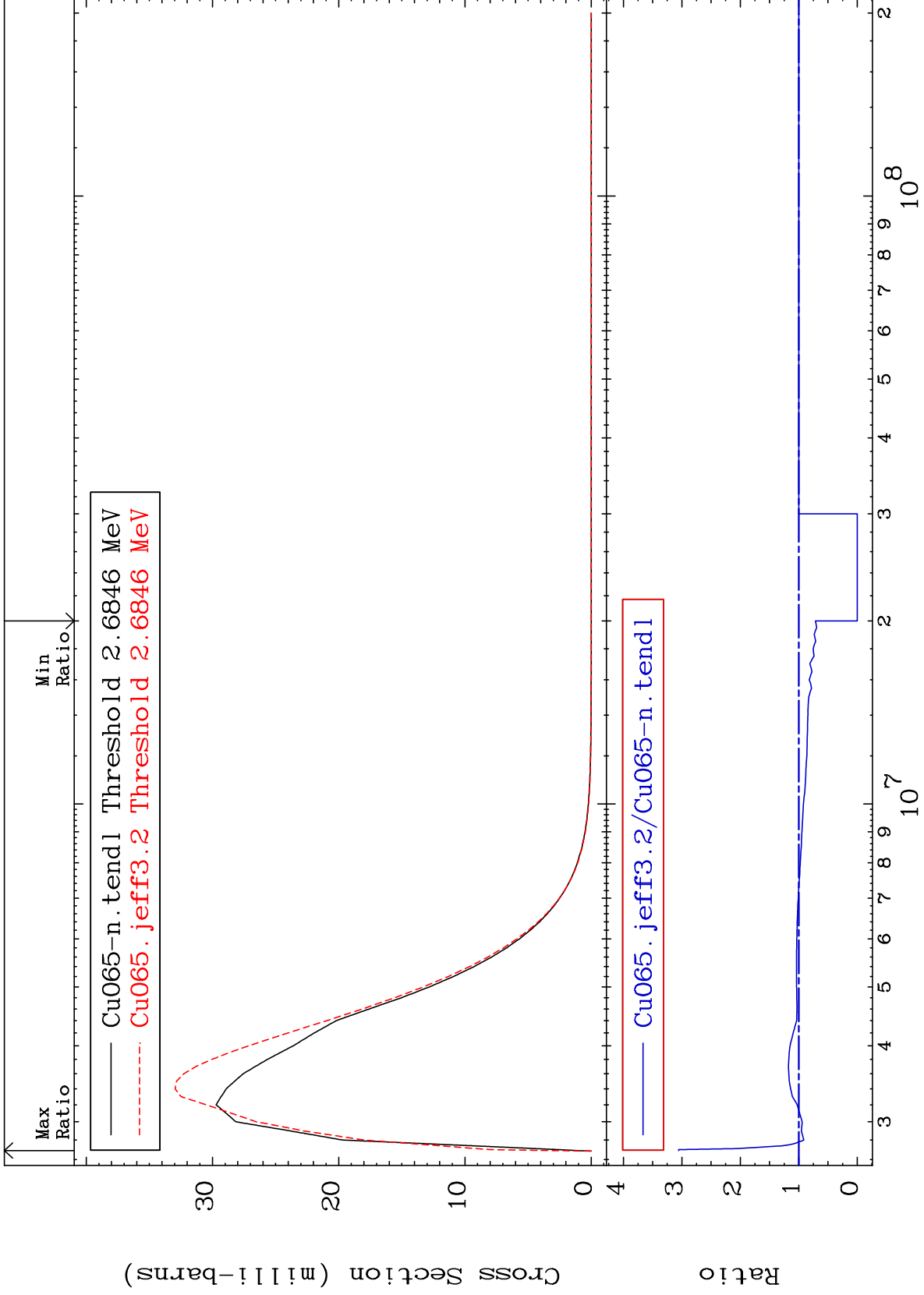
29-Cu-65
-100.0 To 181.5 %



MAT 2931

2.644 MeV (n,n') Level
Cross Section

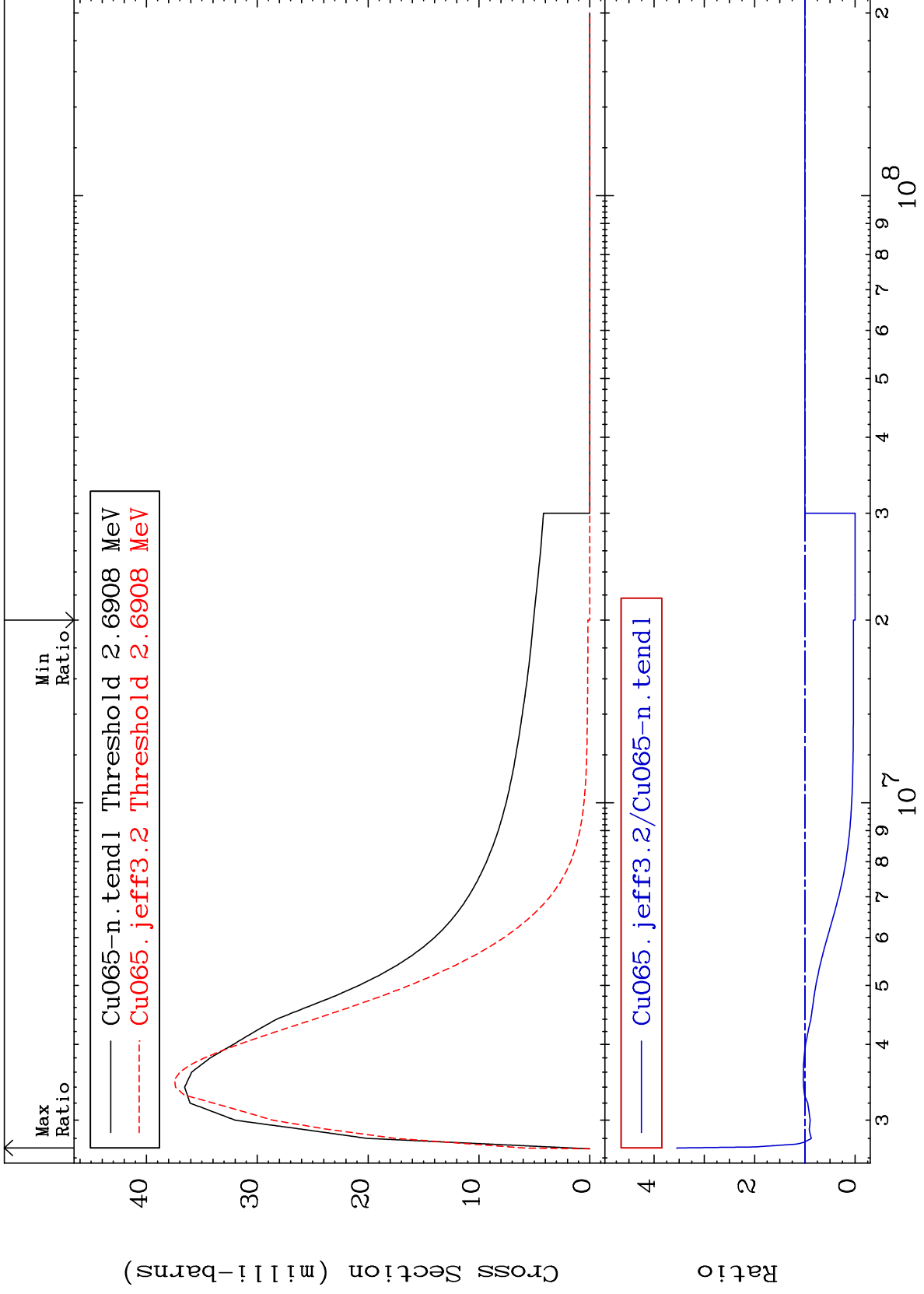
29-Cu-65
-100.0 To 205.5 %



MAT 2931

2.650 MeV (n,n') Level
Cross Section

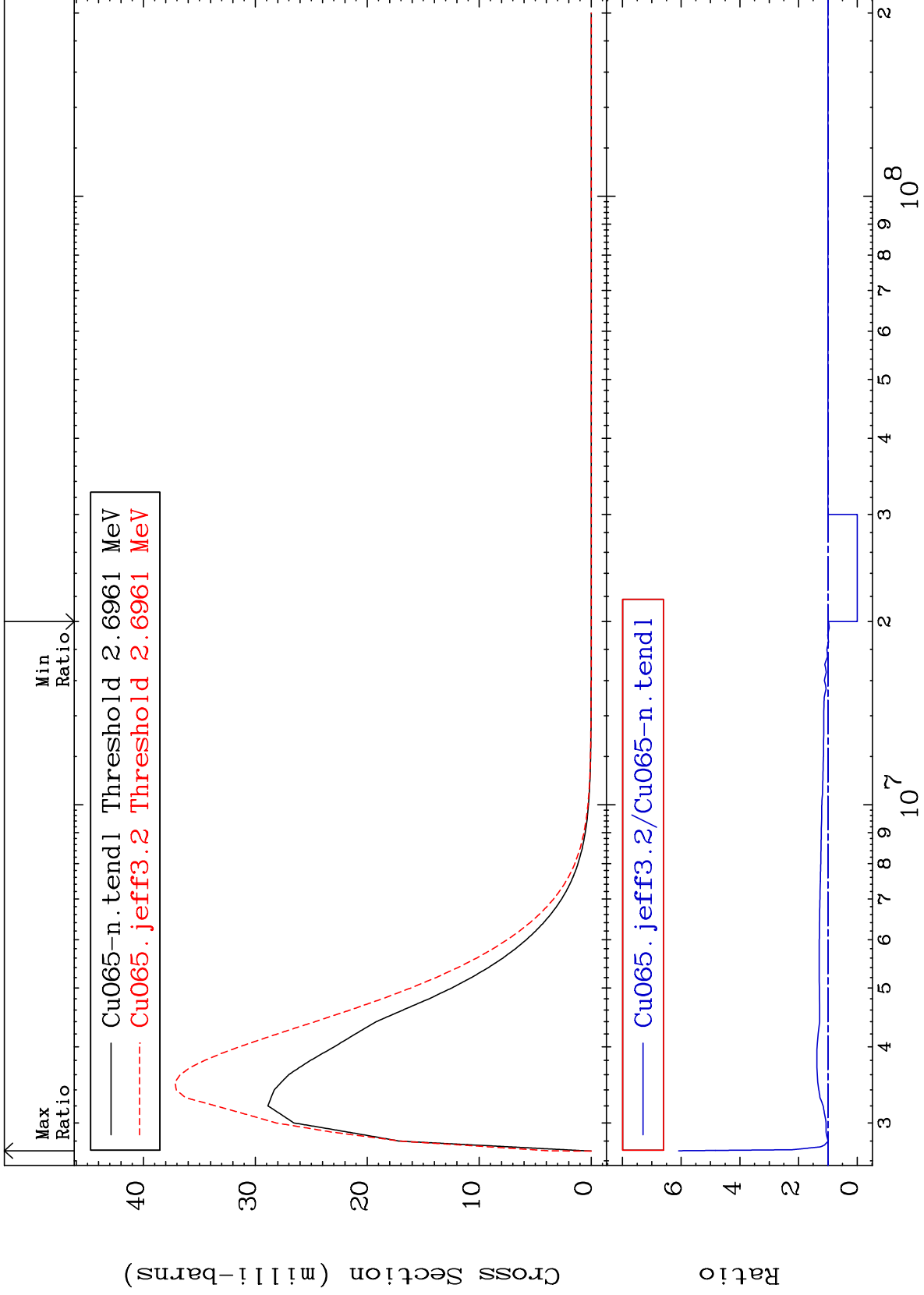
29-Cu-65
-100.0 To 254.5 %



MAT 2931

2.655 MeV (n,n') Level
Cross Section

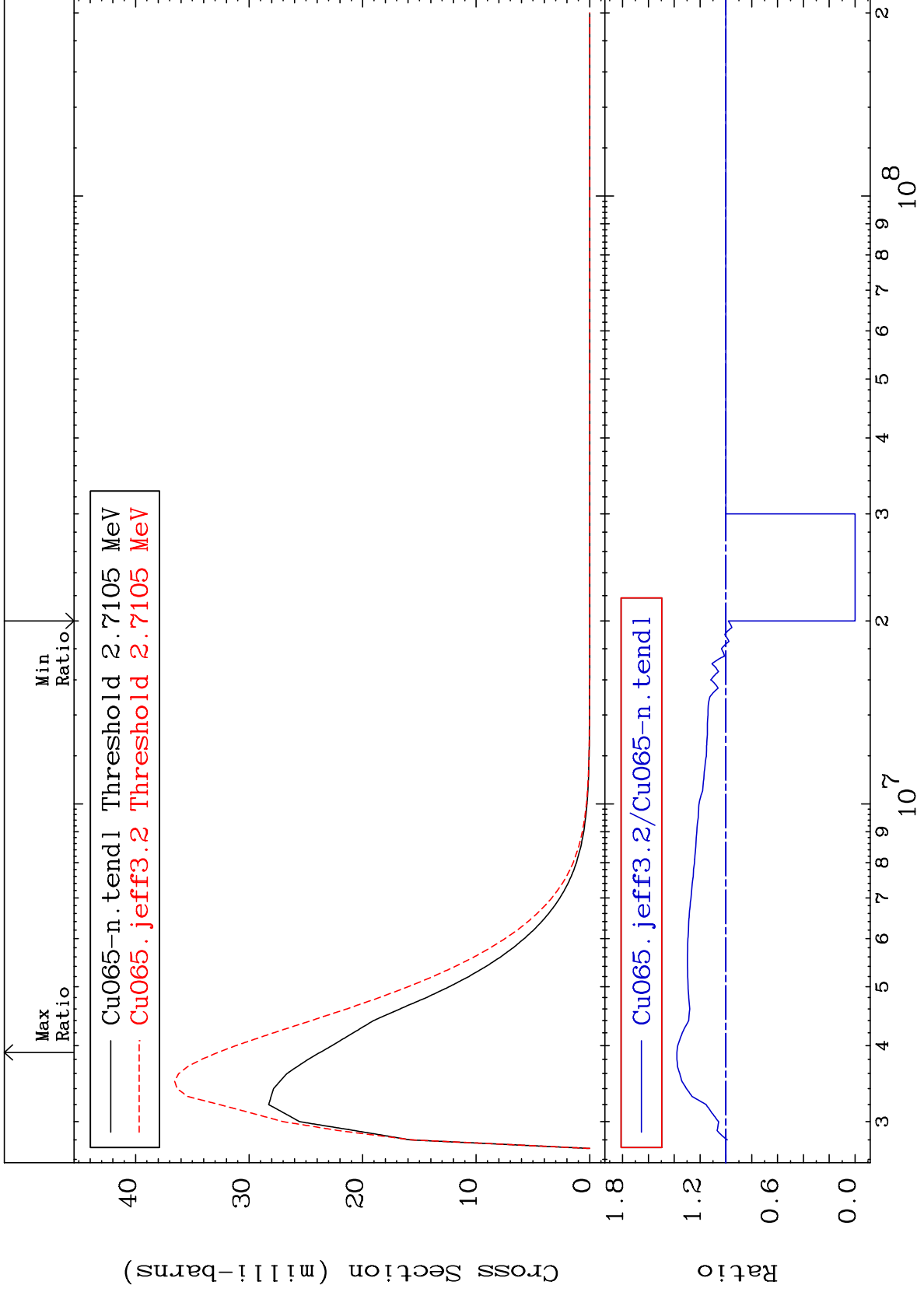
29-Cu-65
-100.0 To 508.5 %



MAT 2931

2.669 MeV (n,n') Level
Cross Section

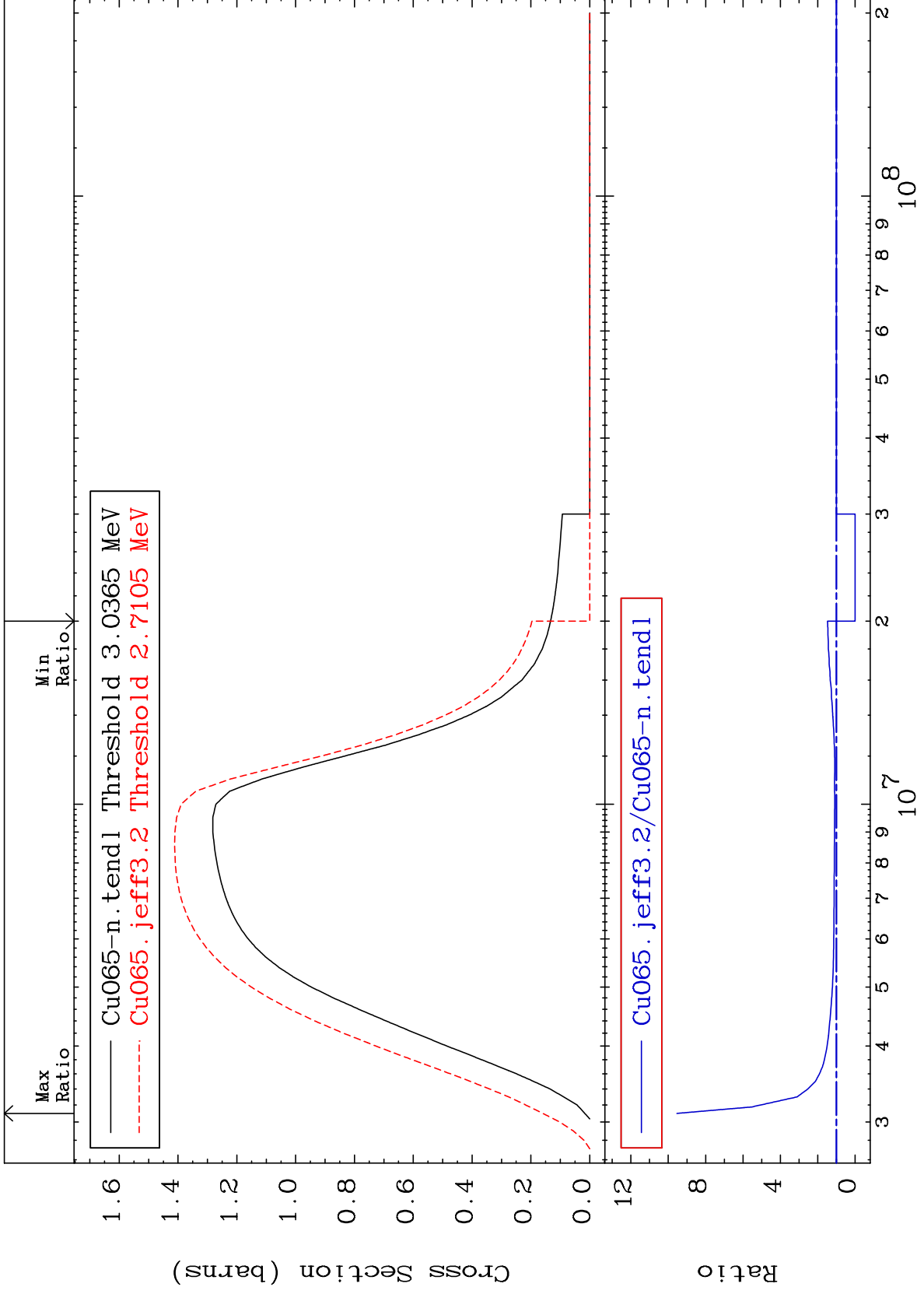
29-Cu-65
-100.0 To 37.90 %



MAT 2931

(n, n') Continuum
Cross Section

29-Cu-65
-100.0 To 853.7 %



29

Incident Energy (eV)

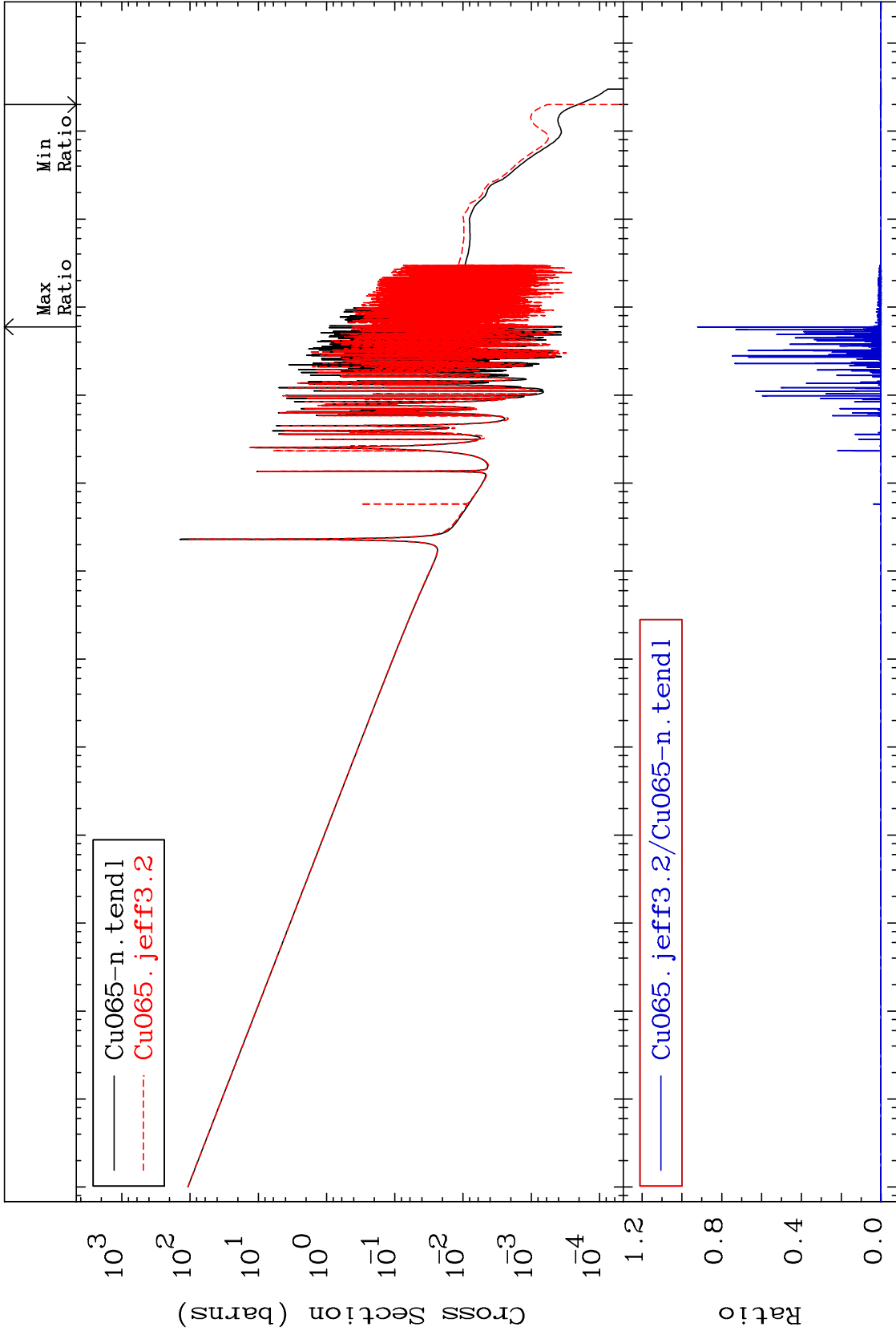
29-Cu-65

MAT 2931

(n, γ)
Cross Section

29-Cu-65

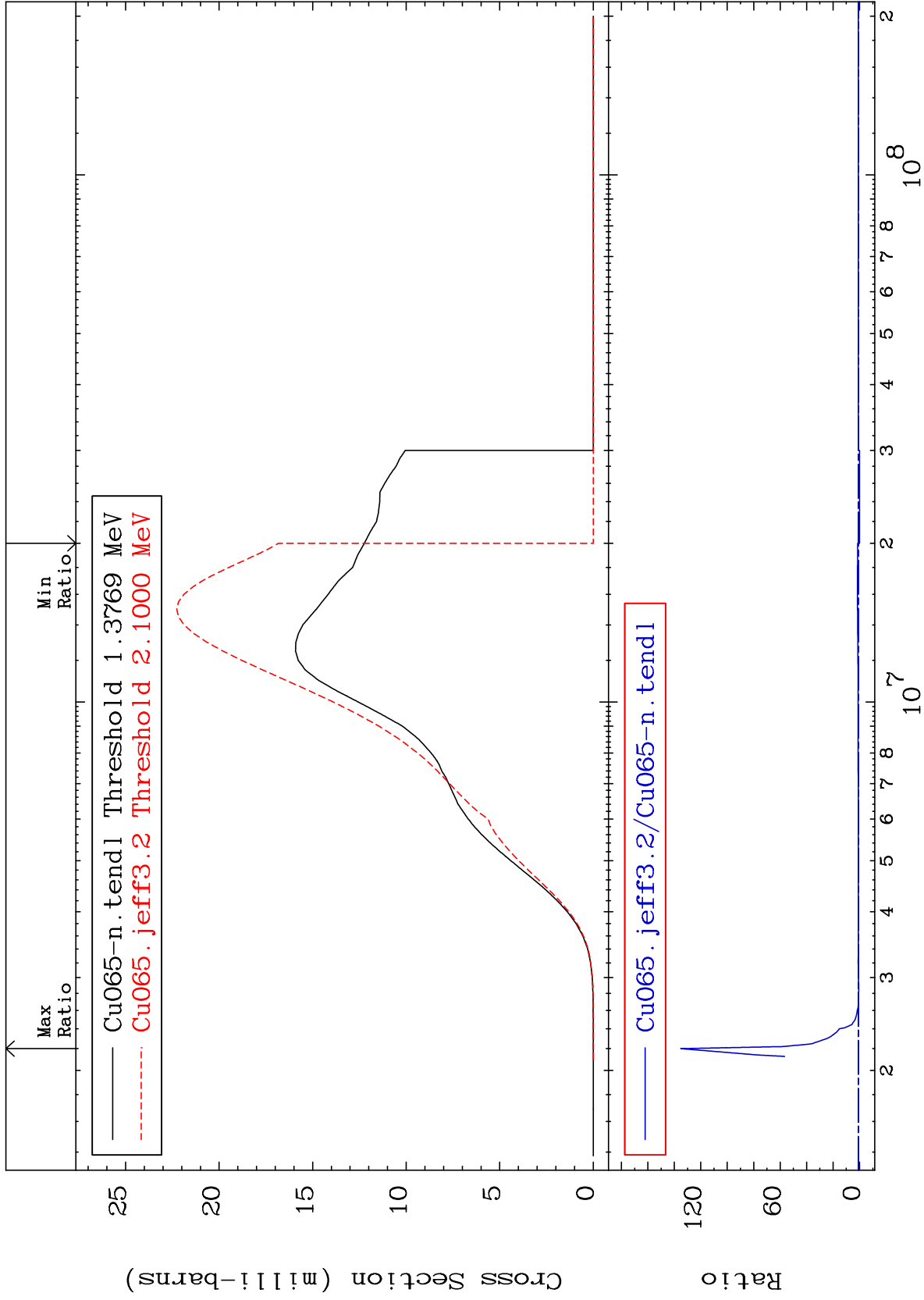
-100.0 To 9999. %



30

29-Cu-65

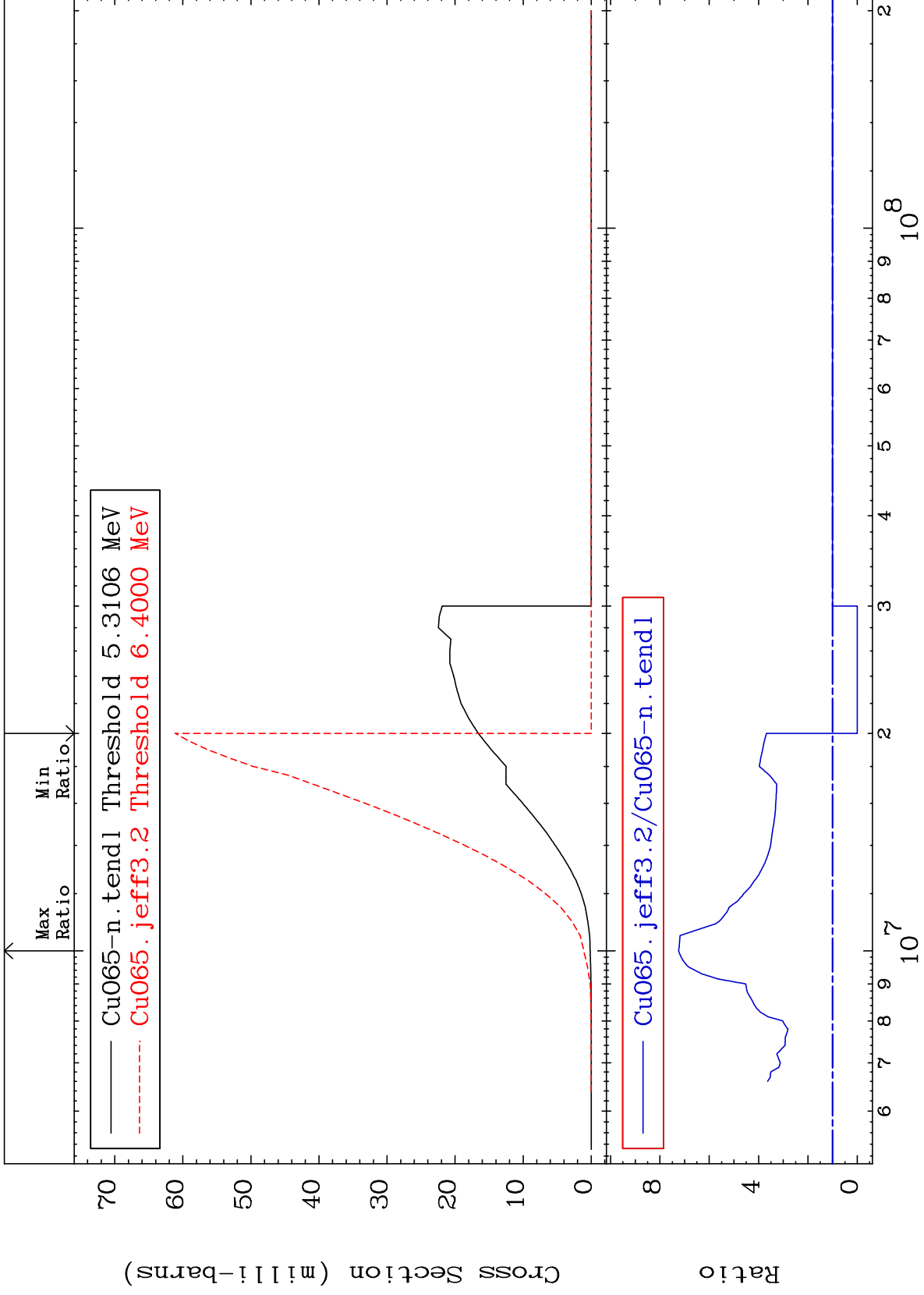
MAT 2931 (n,p) Cross Section 29-Cu-65 -100.0 To 9999. %



MAT 2931

(n, d)
Cross Section

²⁹-Cu-65
-100.0 To 624.1 %



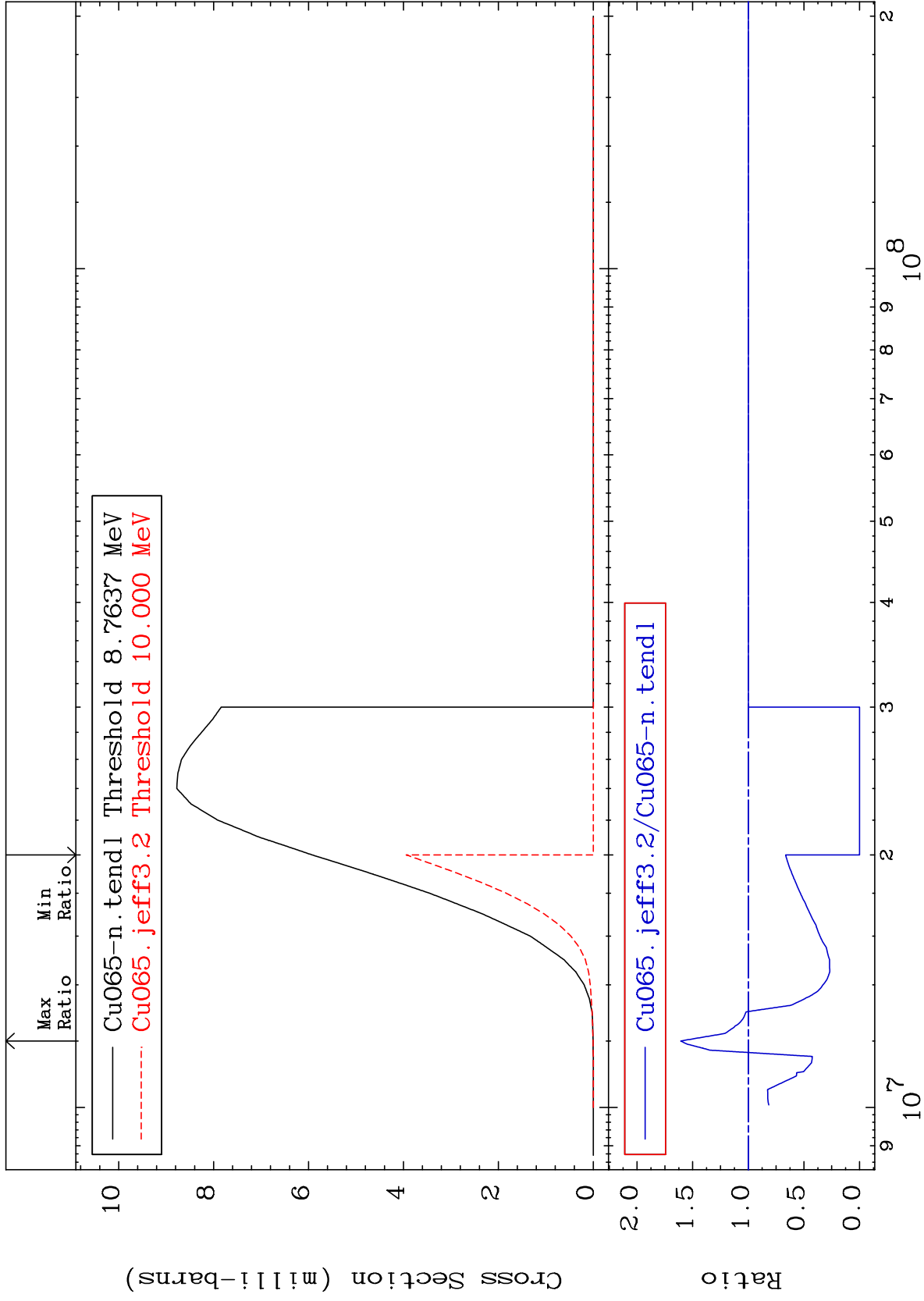
MAT 2931

(n, t)

²⁹Cu-65

Cross Section

-100.0 To 60.71 %



33

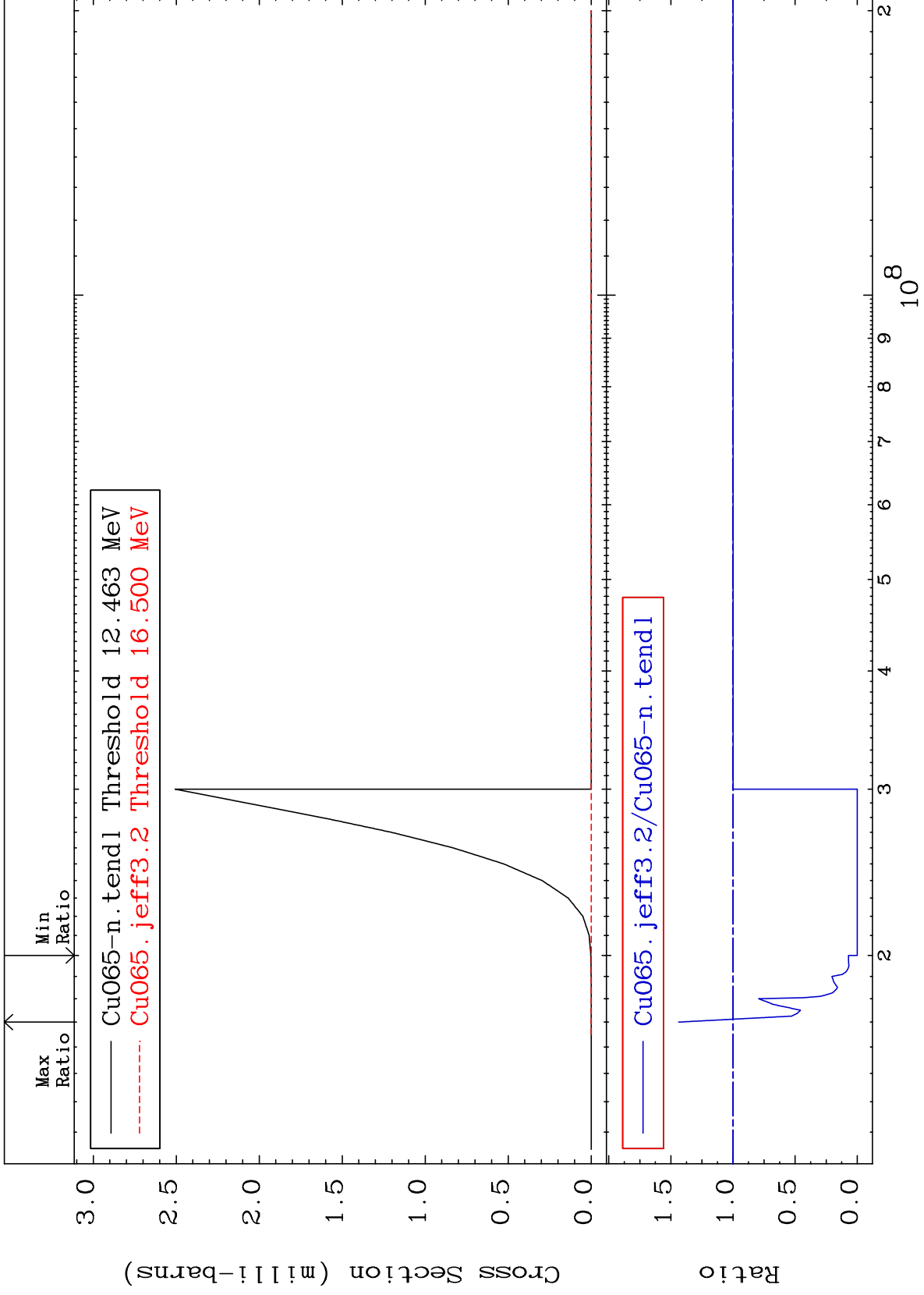
Incident Energy (eV)

²⁹Cu-65

MAT 2931

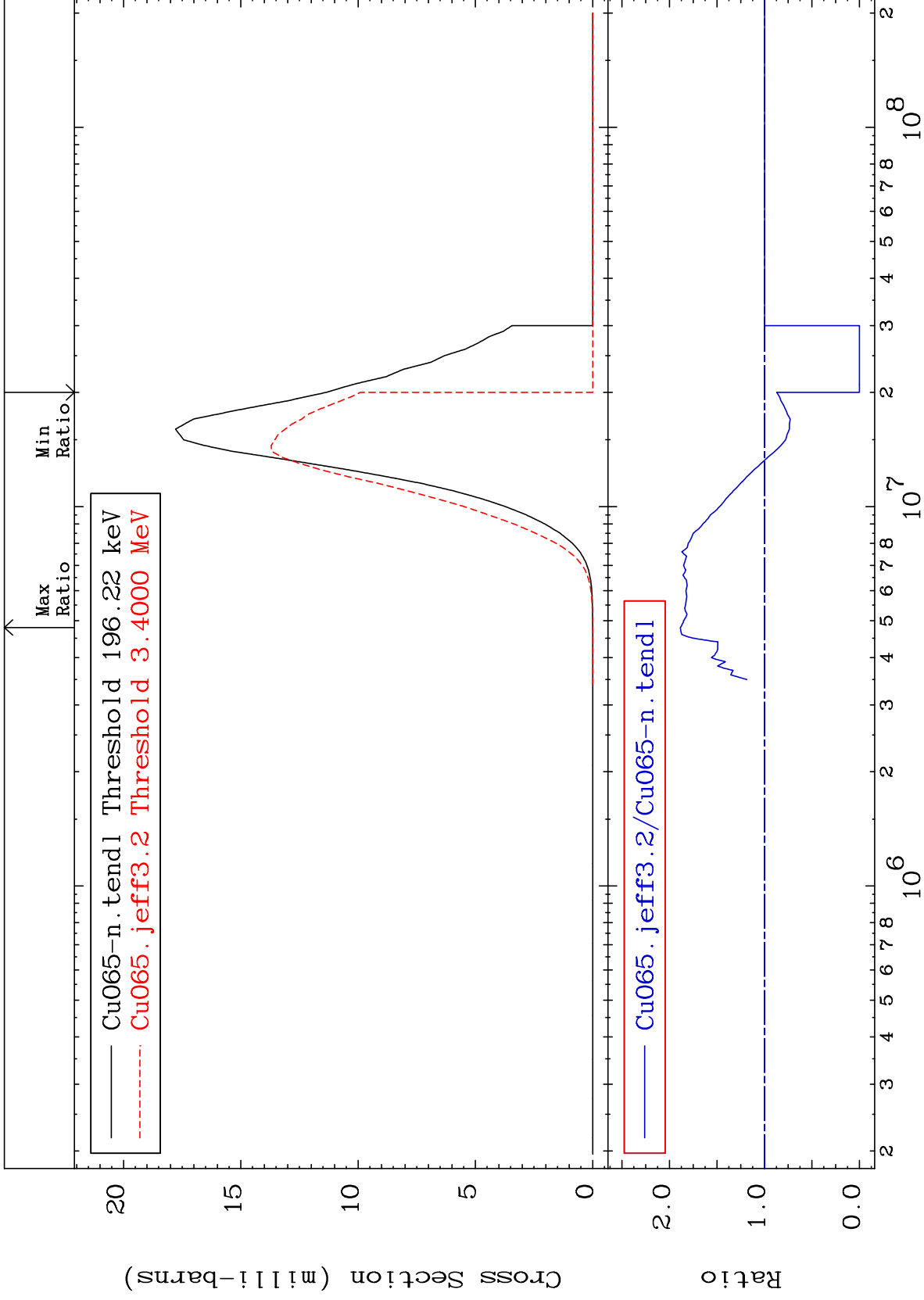
(n, He-3)
Cross Section

29-Cu-65
-100.0 To 43.76 %



MAT 2931

(n, α)
Cross Section
-100.0 To 88.56 %
29-Cu-65



35

Incident Energy (eV)

29-Cu-65

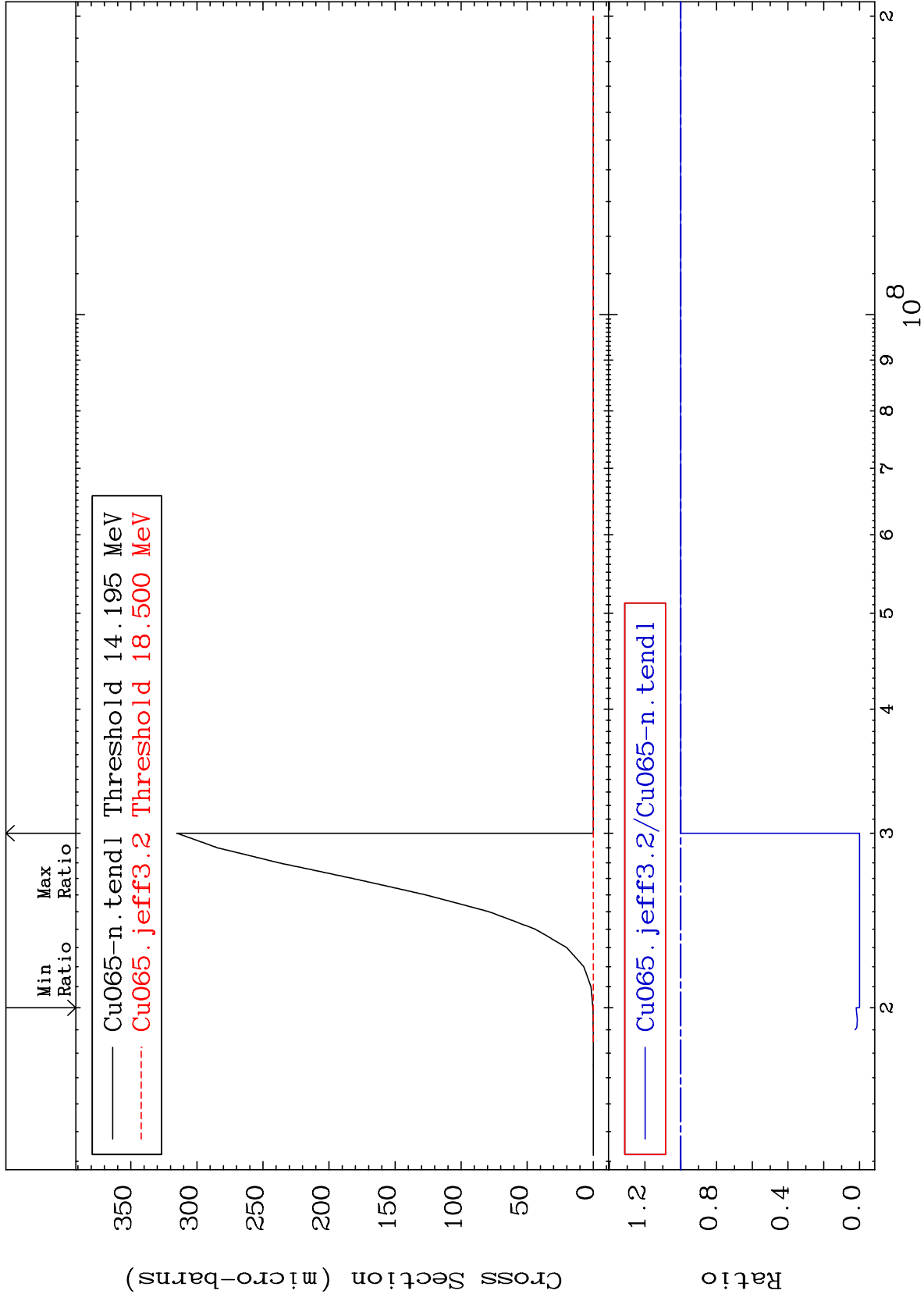
MAT 2931

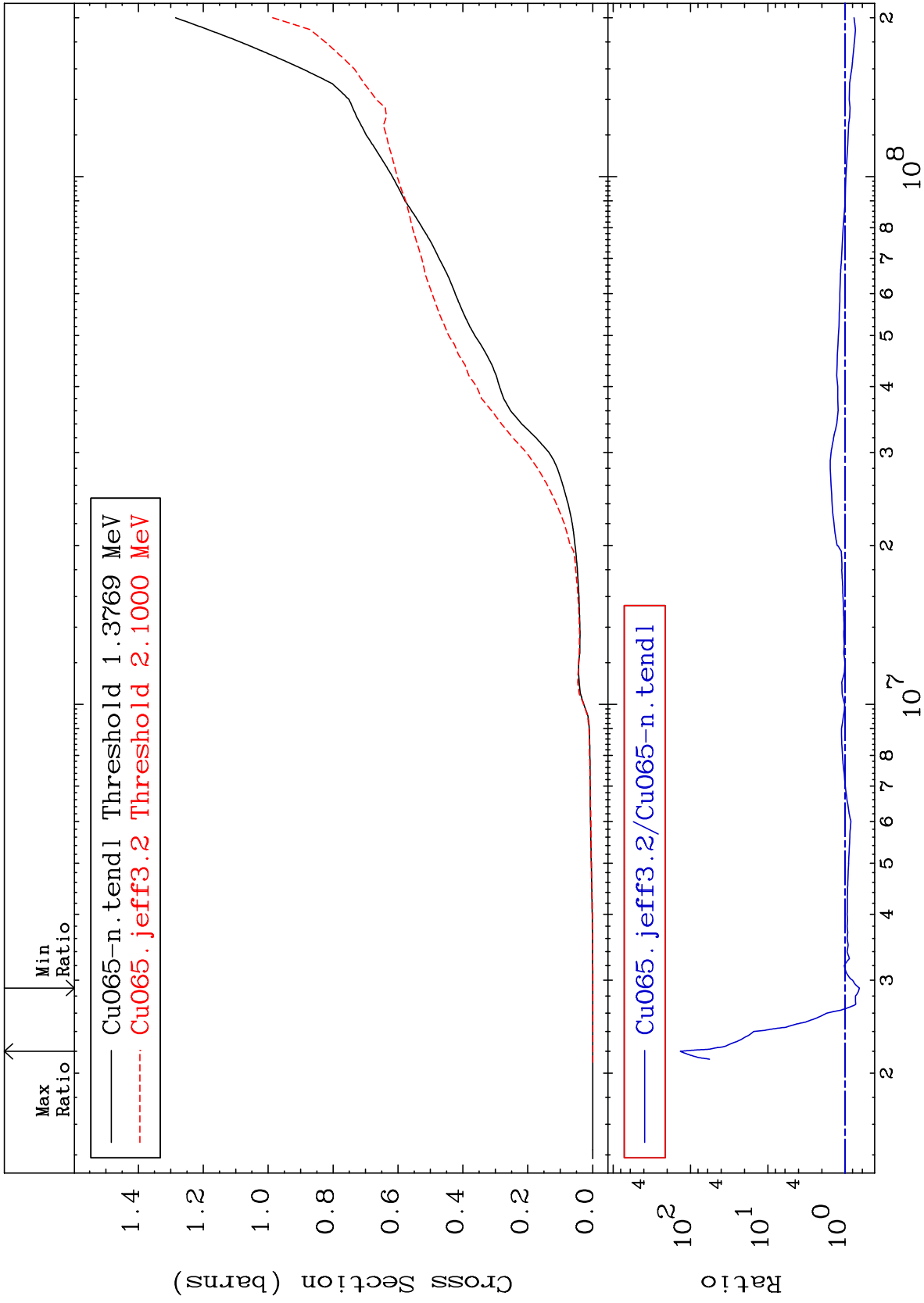
(n,2p)

²⁹Cu-65

Cross Section

-100.0 To 0.000 %

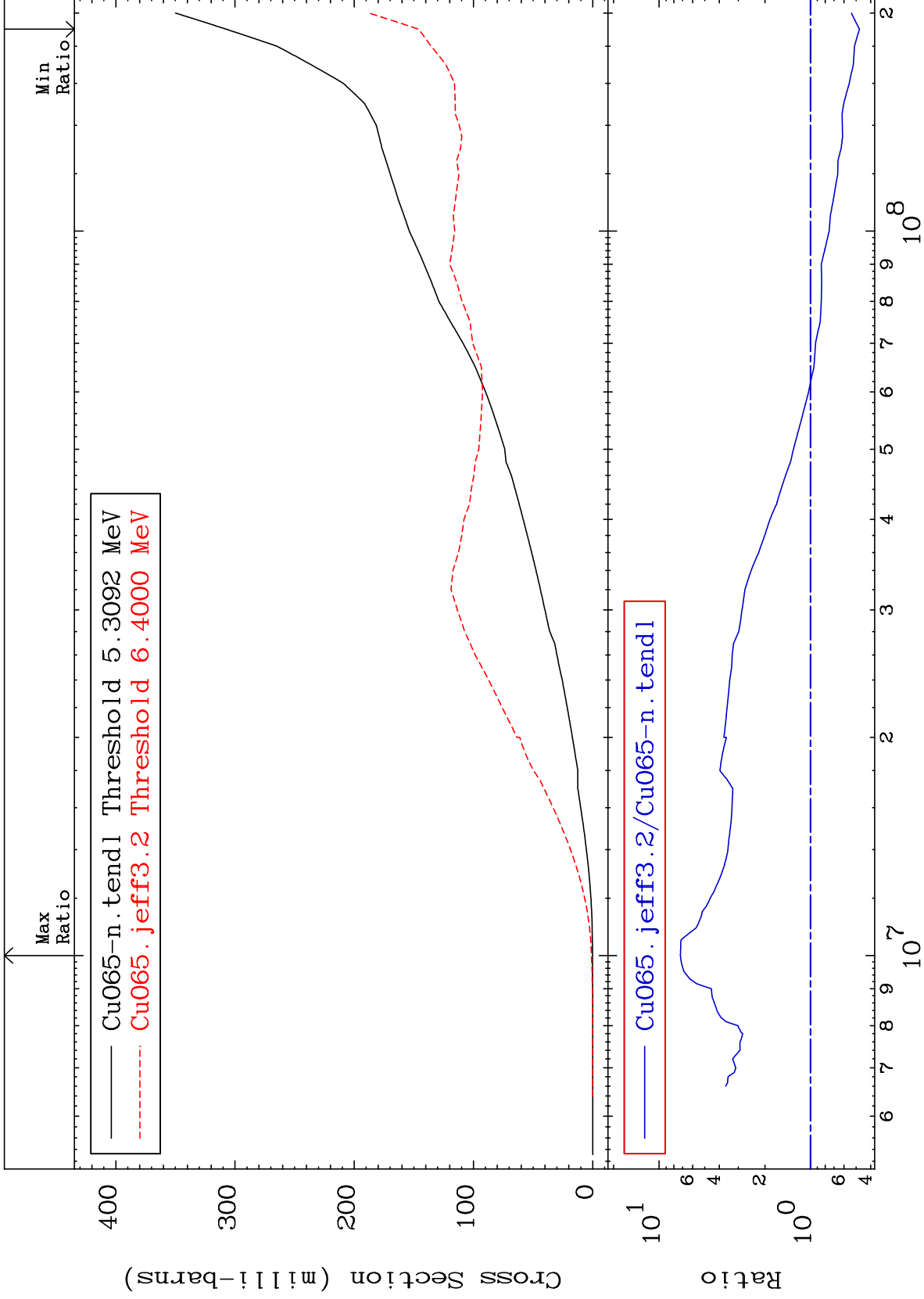




MAT 2931

Deuterium Production
Cross Section

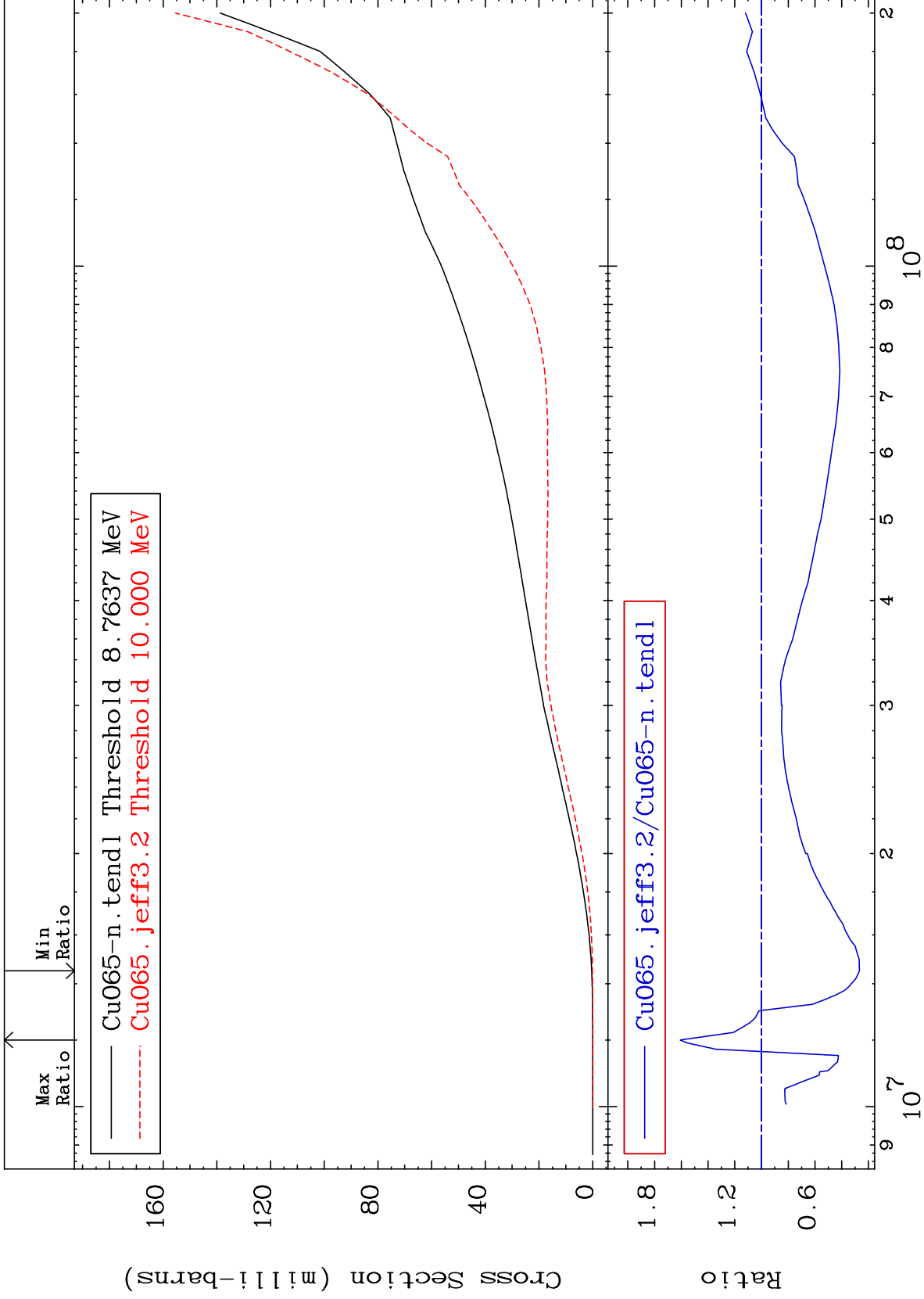
²⁹-Cu-65
-52.53 To 624.1 %



MAT 2931

Tritium Production
Cross Section

²⁹Cu-65
-73.26 To 60.71 %



39

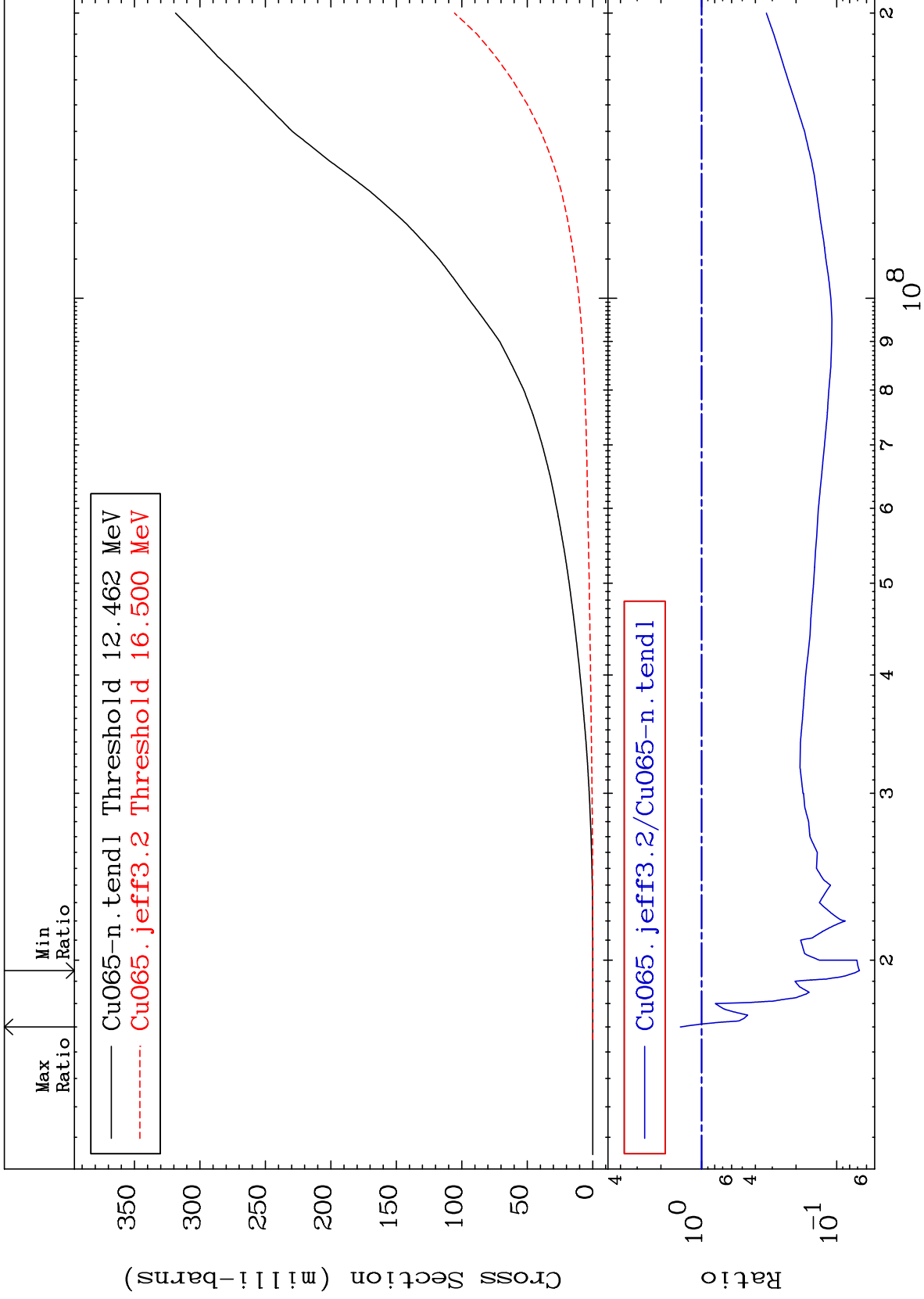
Incident Energy (eV)

²⁹Cu-65

MAT 2931

He-3 Production
Cross Section

²⁹Cu-65
-93.23 To 43.76 %



40

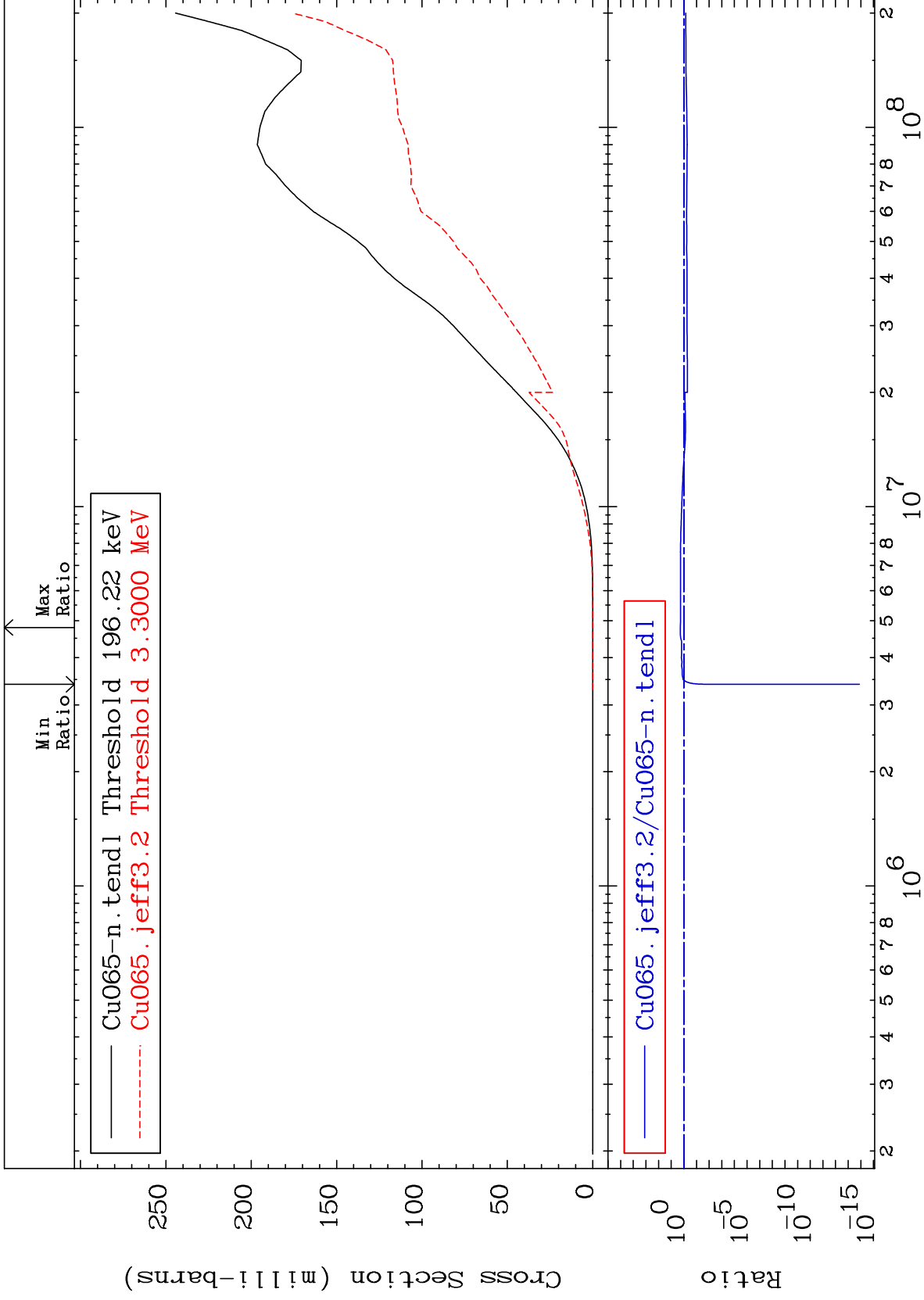
Incident Energy (eV)

²⁹Cu-65

MAT 2931

He-4 Production
Cross Section

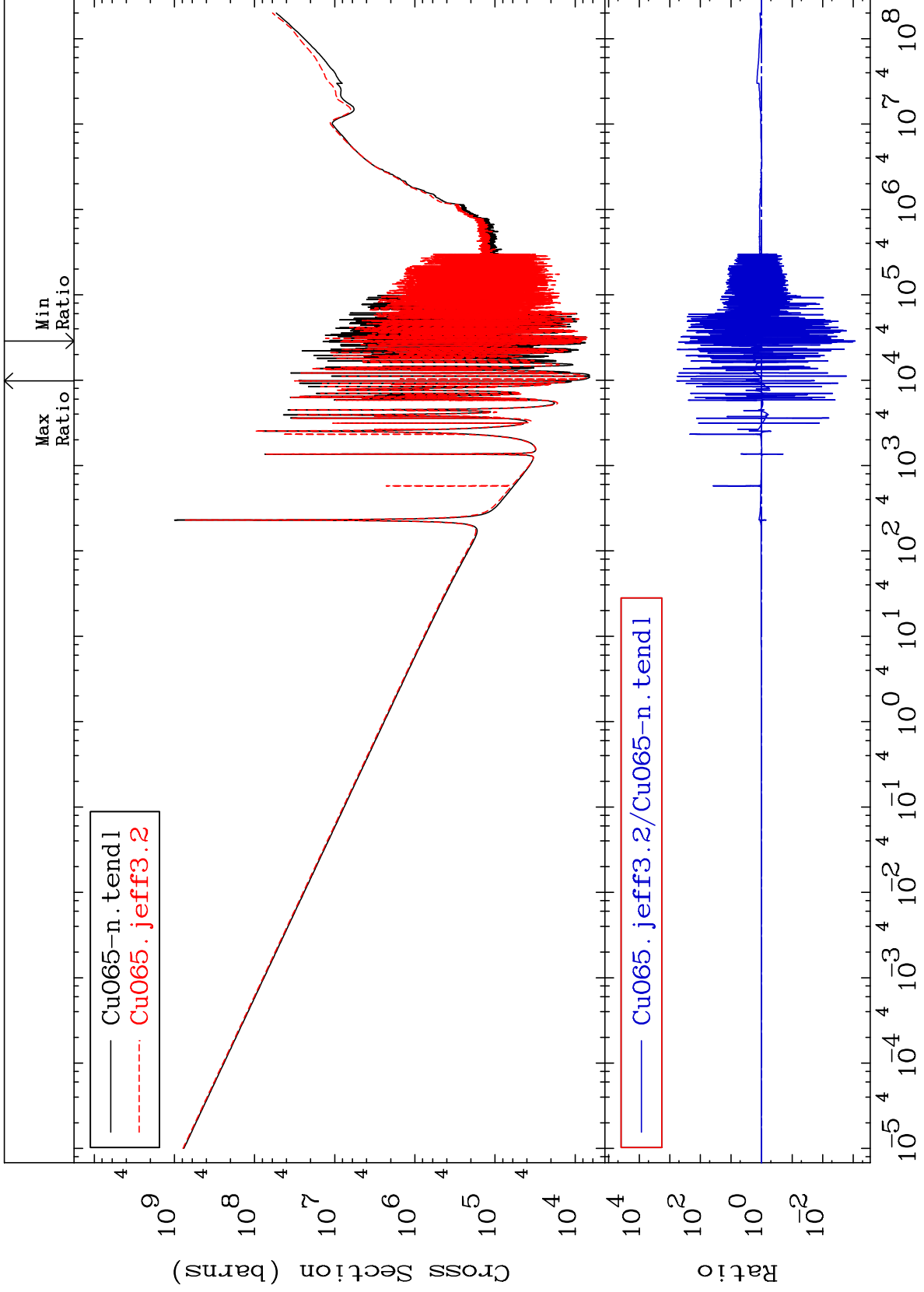
²⁹-Cu-65
-100.0 To 88.56 %

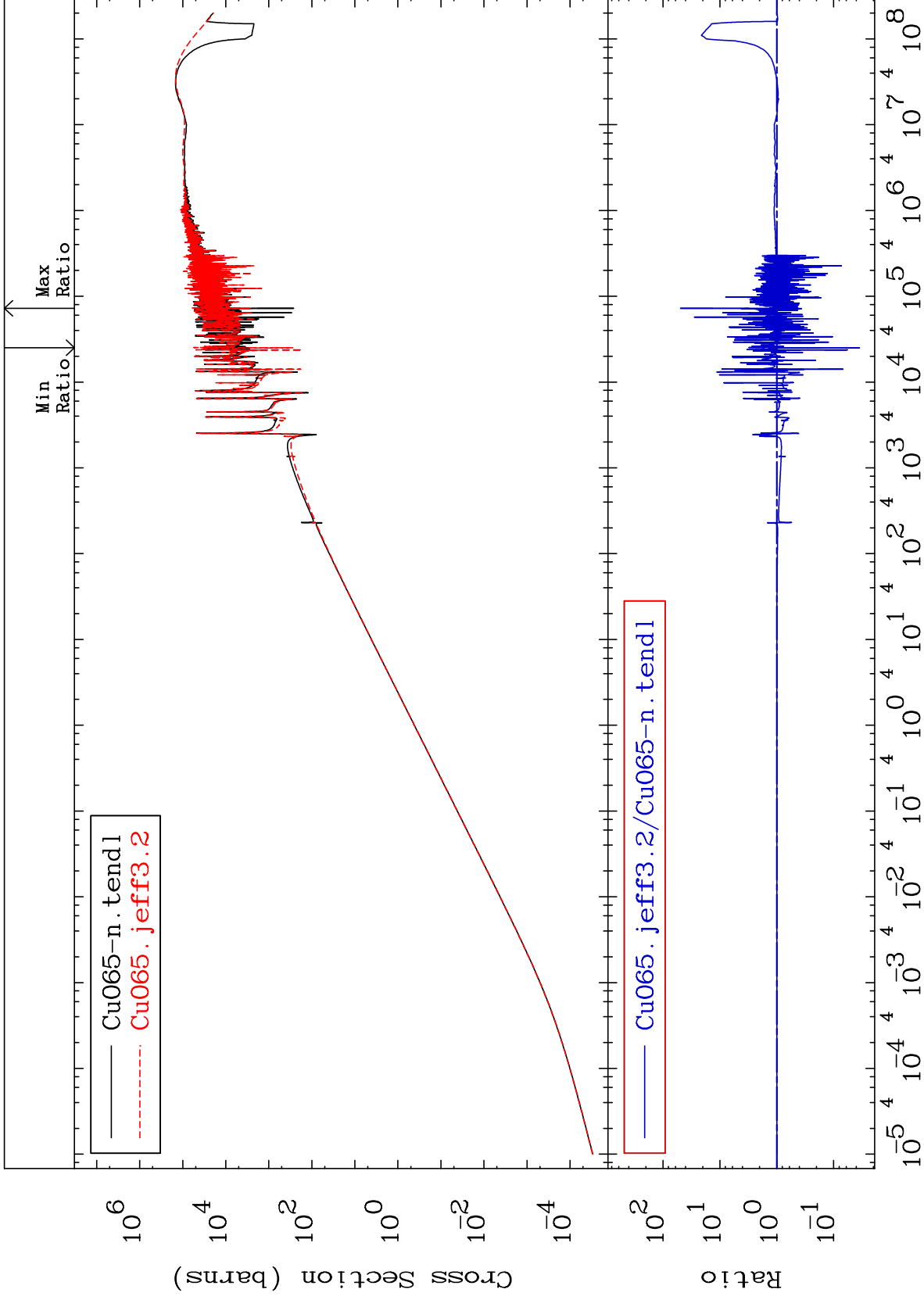


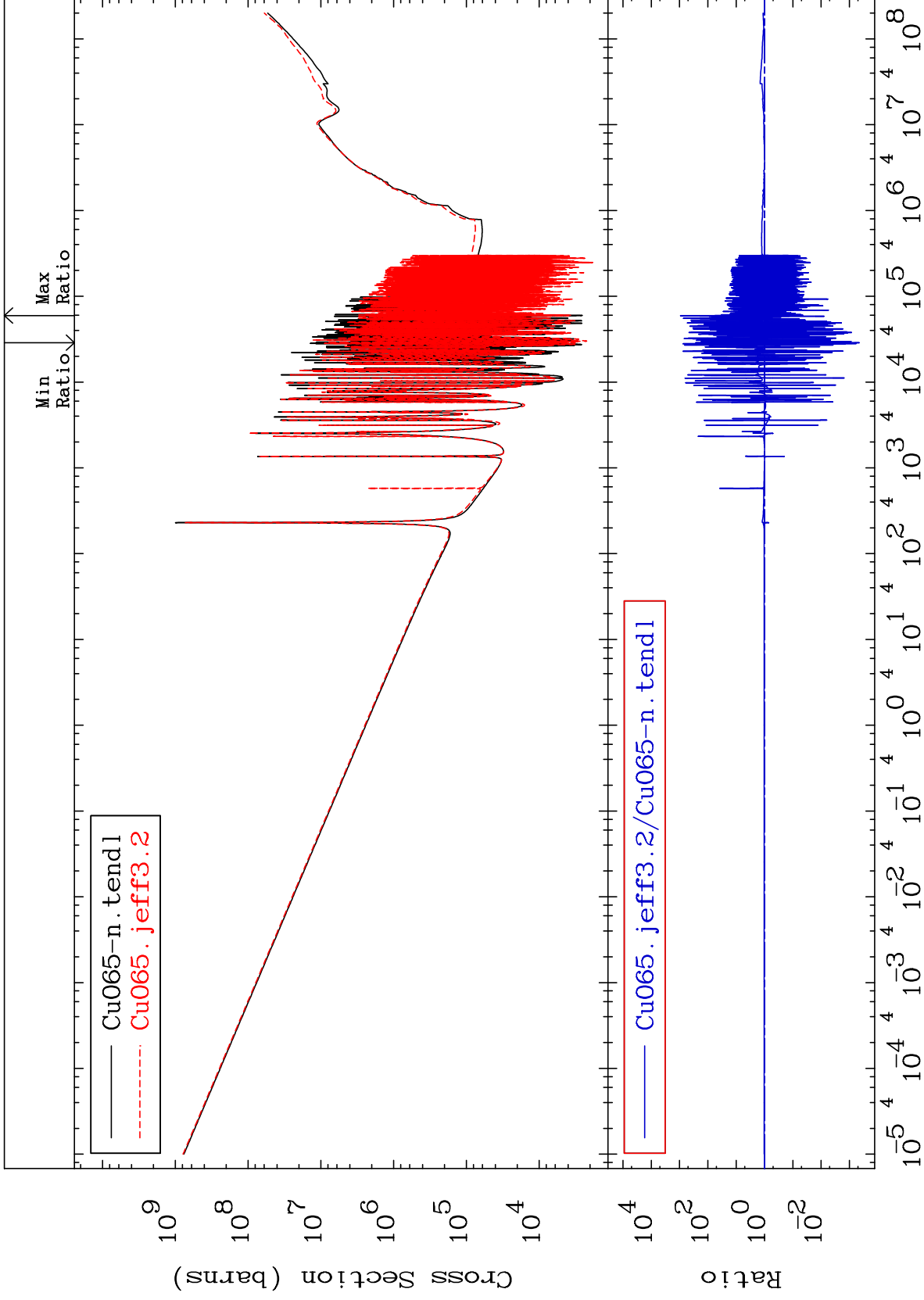
MAT 2931

Kerma total (eV-barns)
Cross Section

29-Cu-65
-99.91 To 9999. %



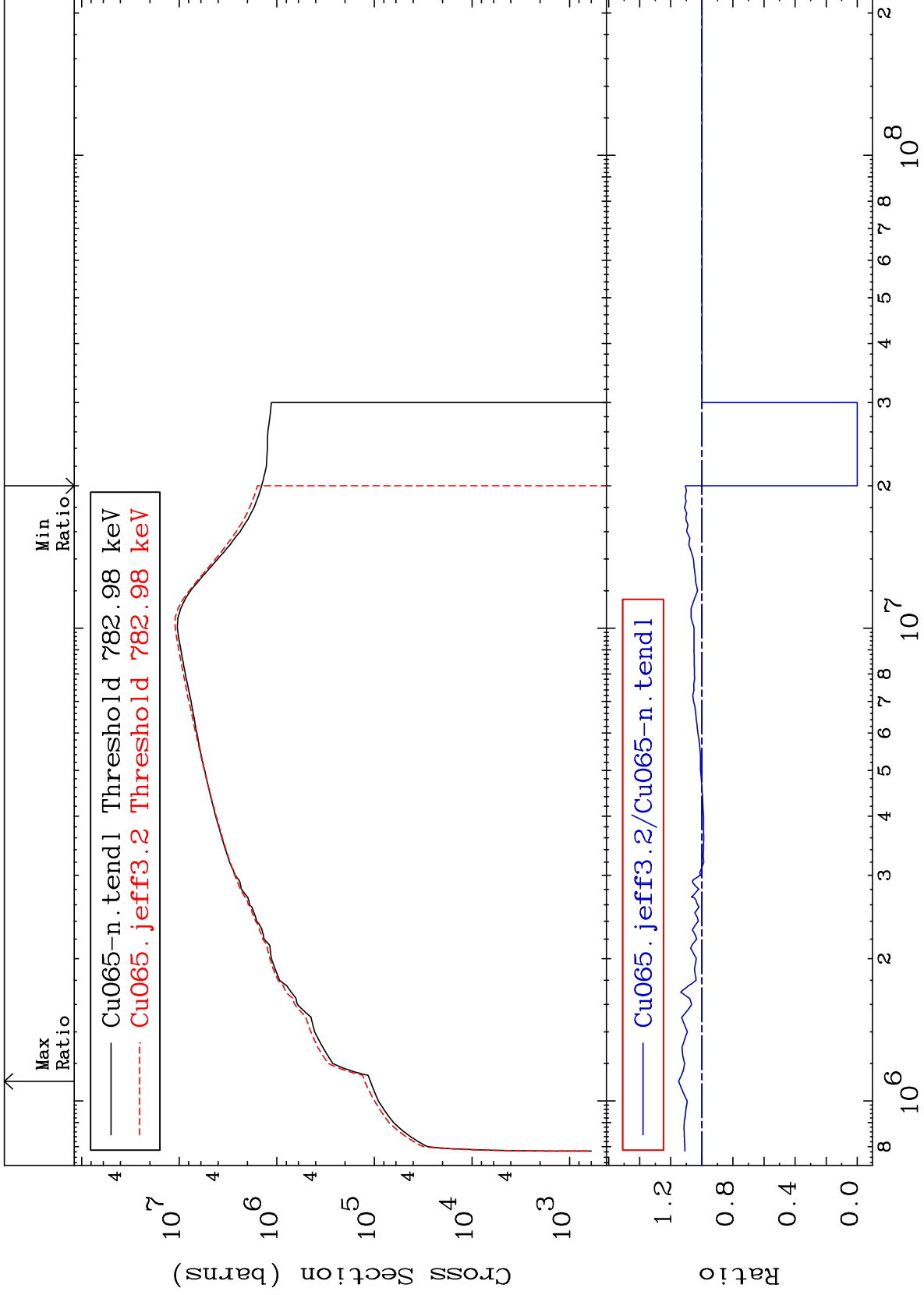




MAT 2931

Kerma inelastic (mt51-91)
Cross Section

29-Cu-65
-100.0 To 14.95 %



45

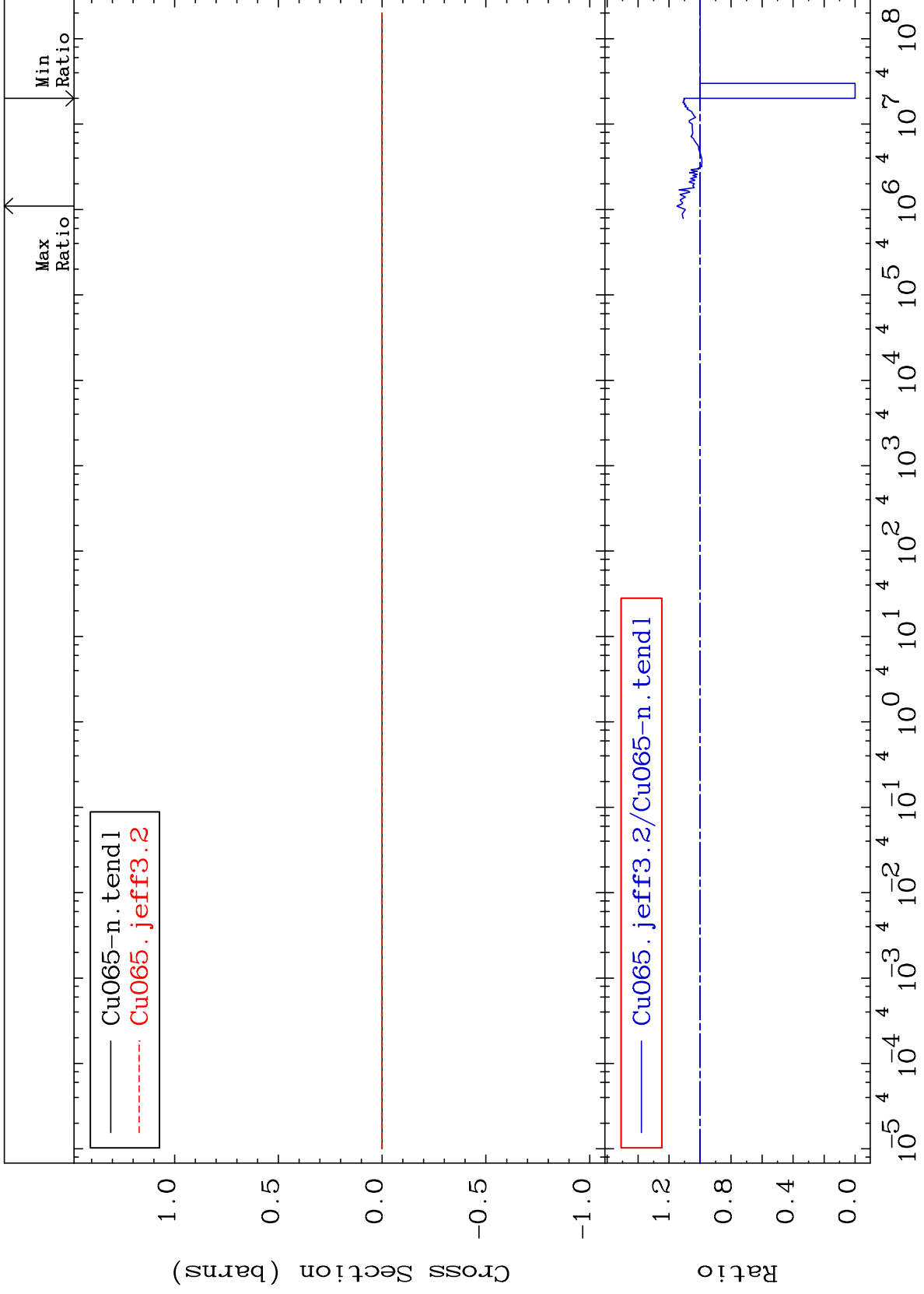
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65
-100.0 To 14.95 %



46

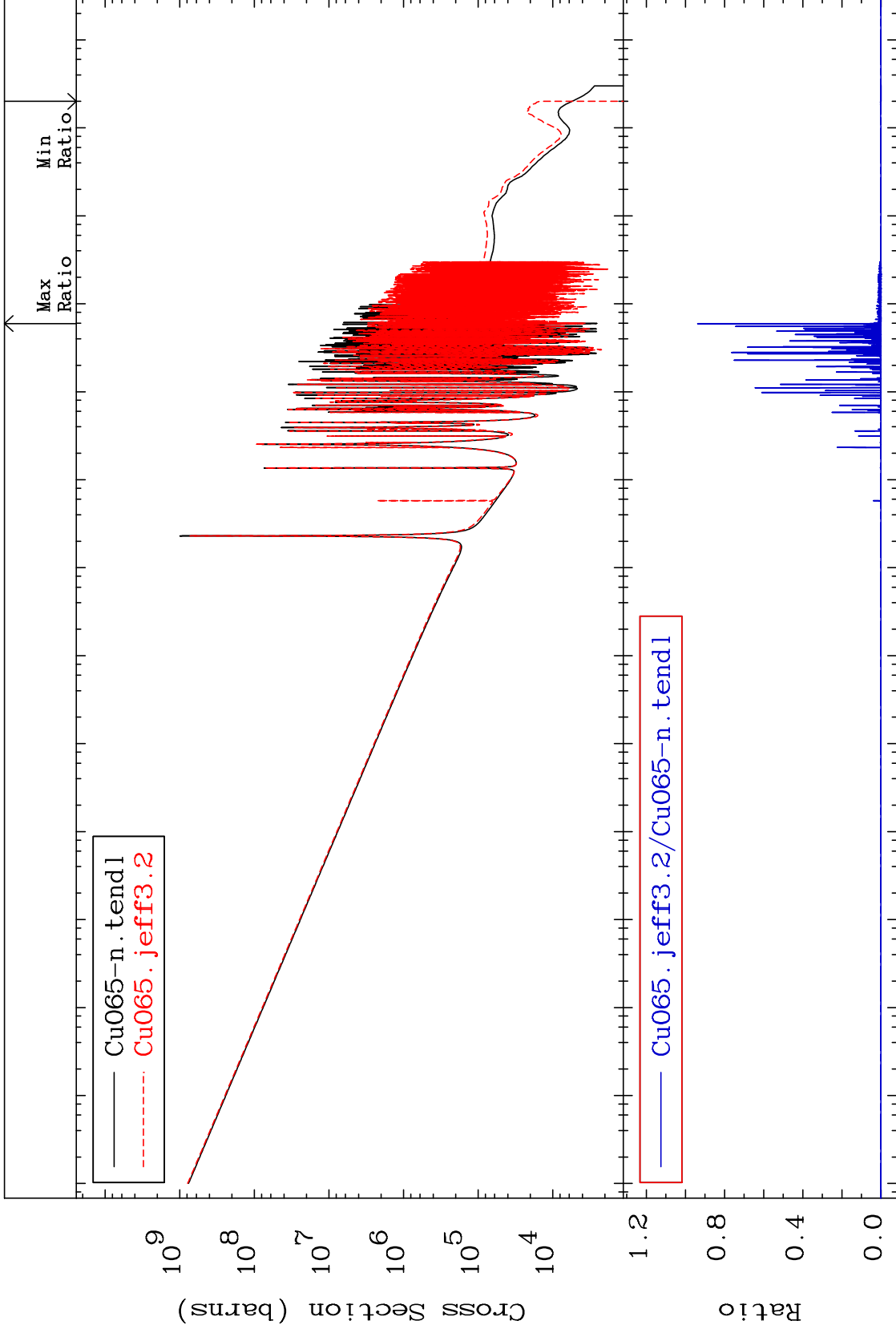
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma capture (mt102)
Cross Section

29-Cu-65
-100.0 To 9999. %



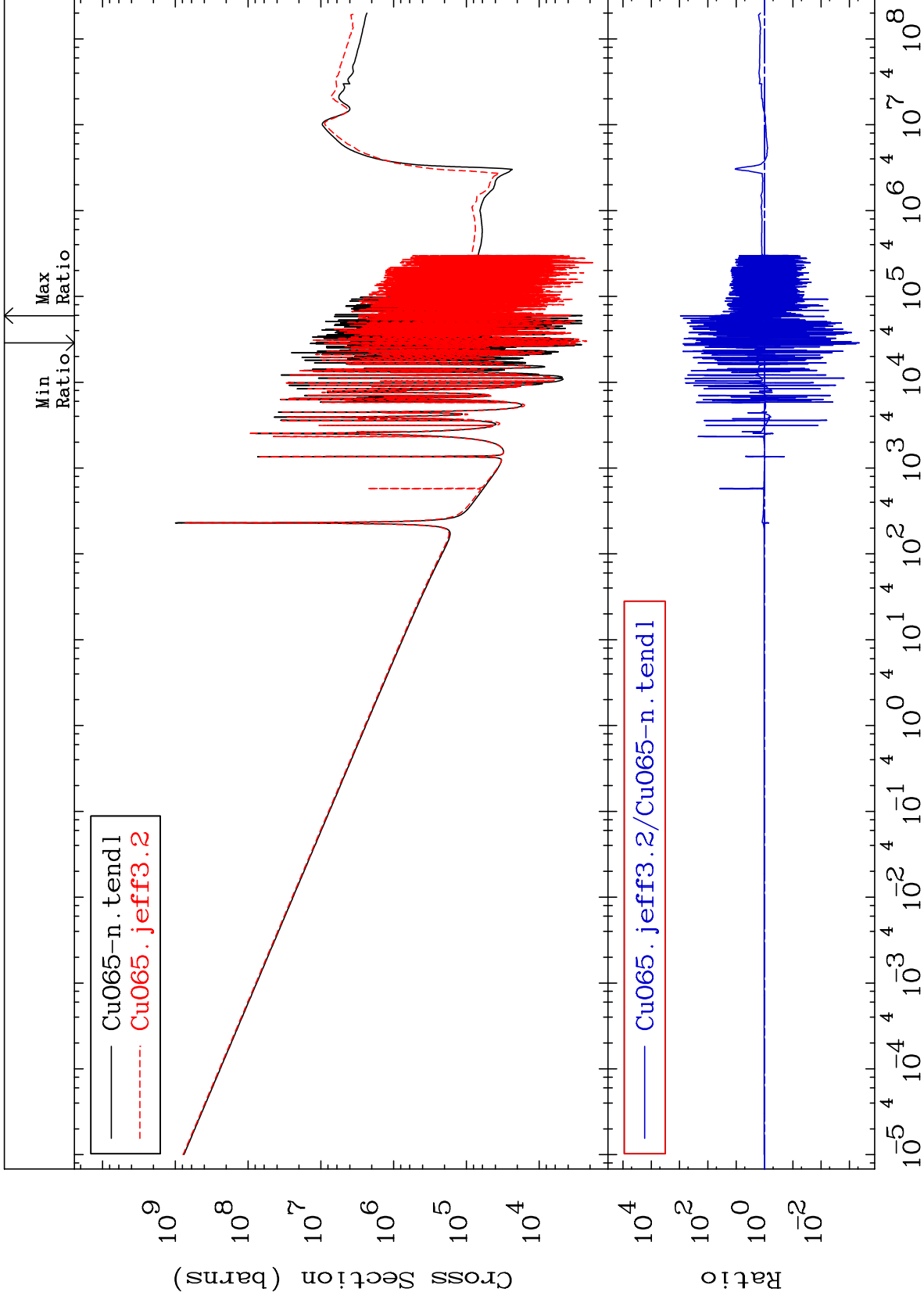
47

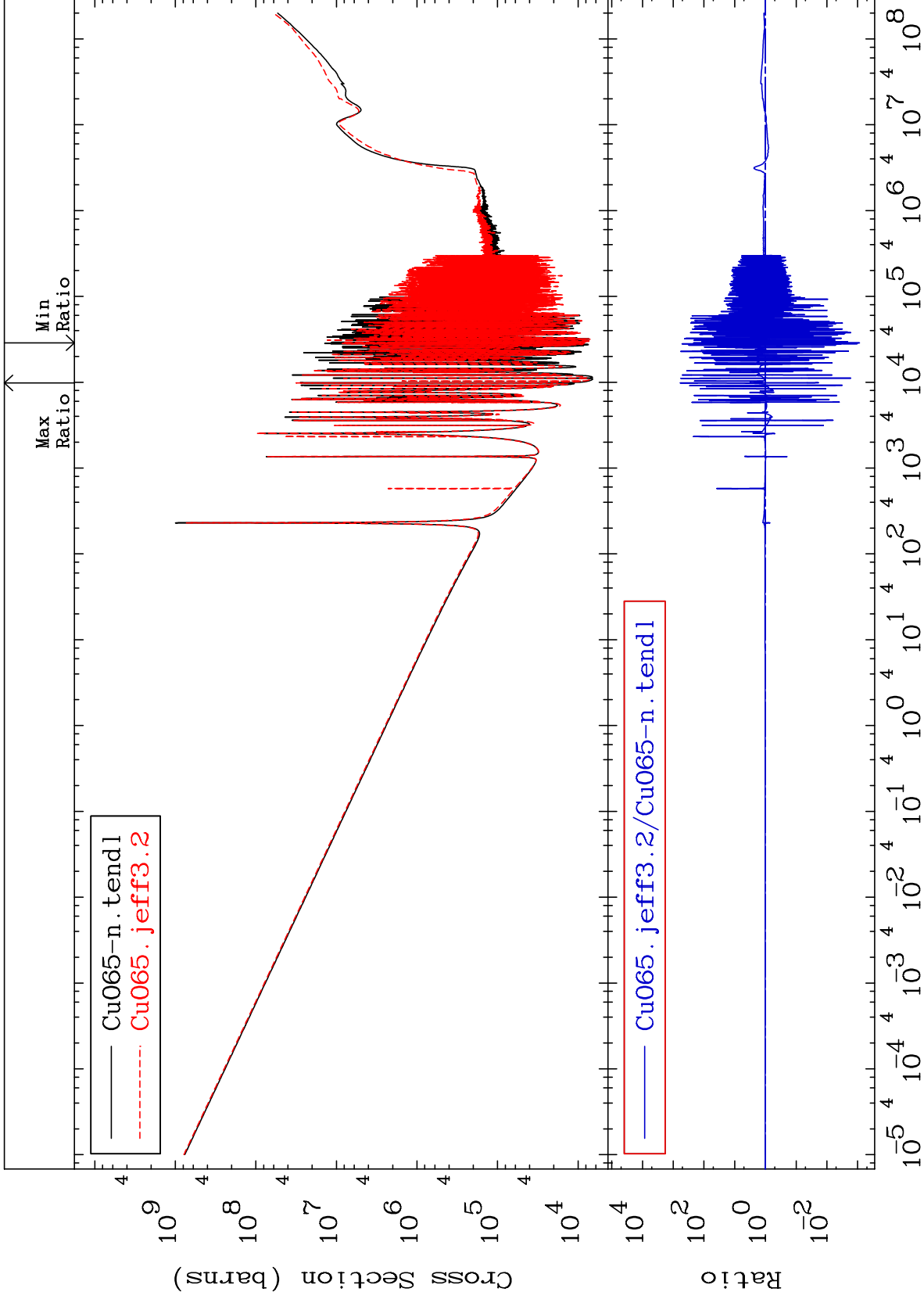
29-Cu-65

MAT 2931

Total photon (eV-barns)
Cross Section

29-Cu-65
-99.96 To 9999. %

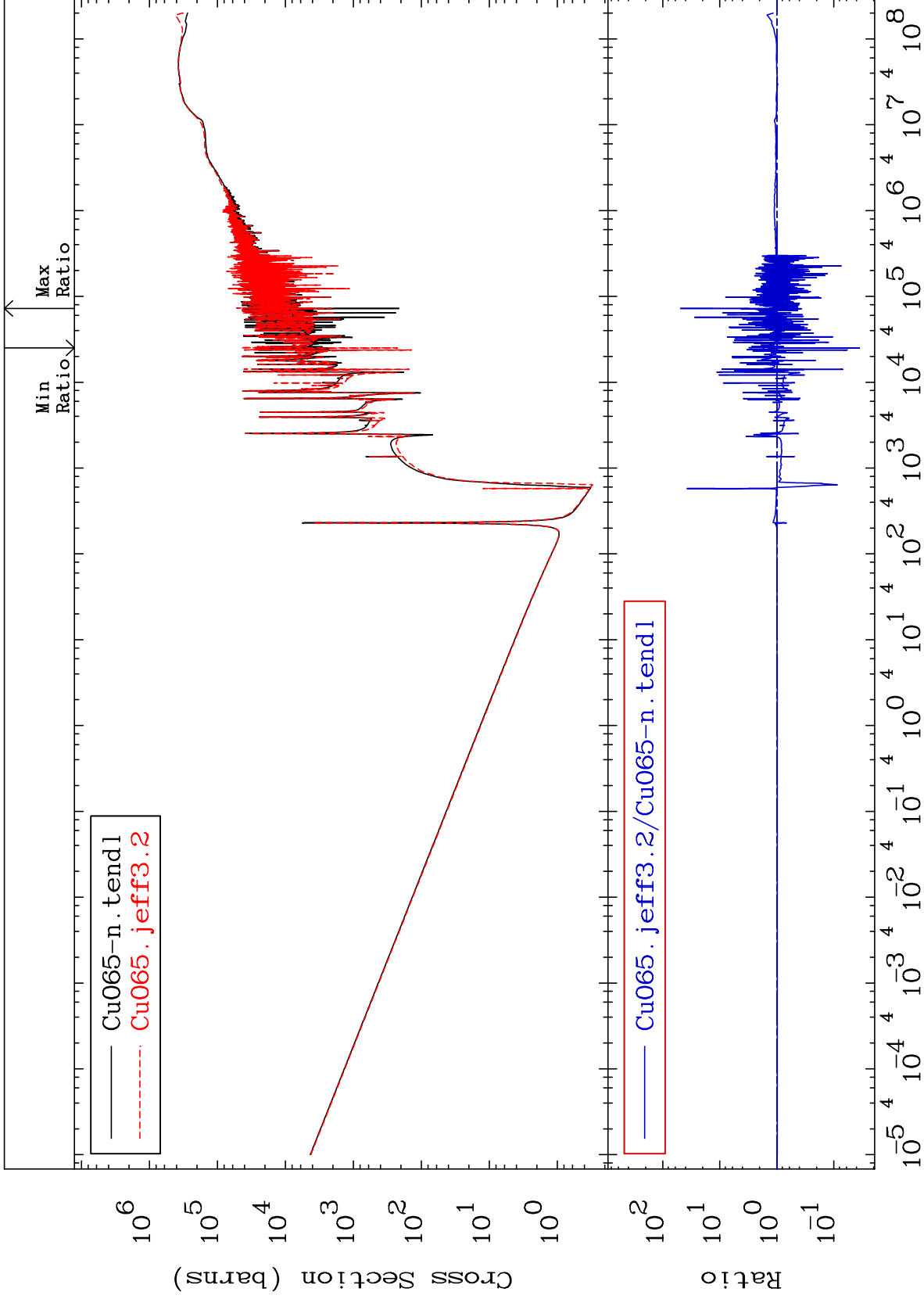




MAT 2931

Dpa total (eV-barns)
Cross Section

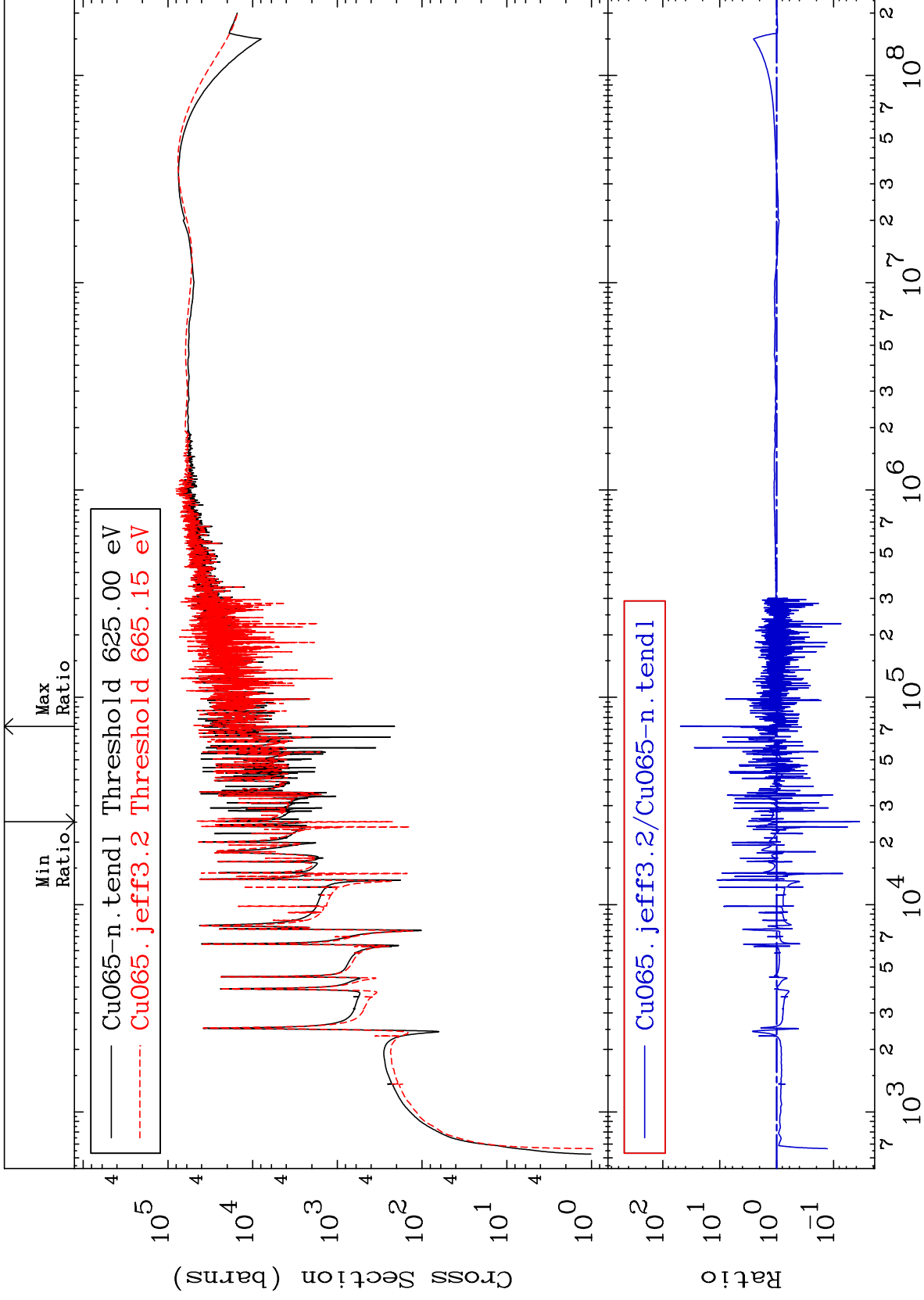
29-Cu-65
-96.45 To 4812. %



MAT 2931

Dpa elastic (mt2)
Cross Section

29-Cu-65
-96.48 To 4826. %



51

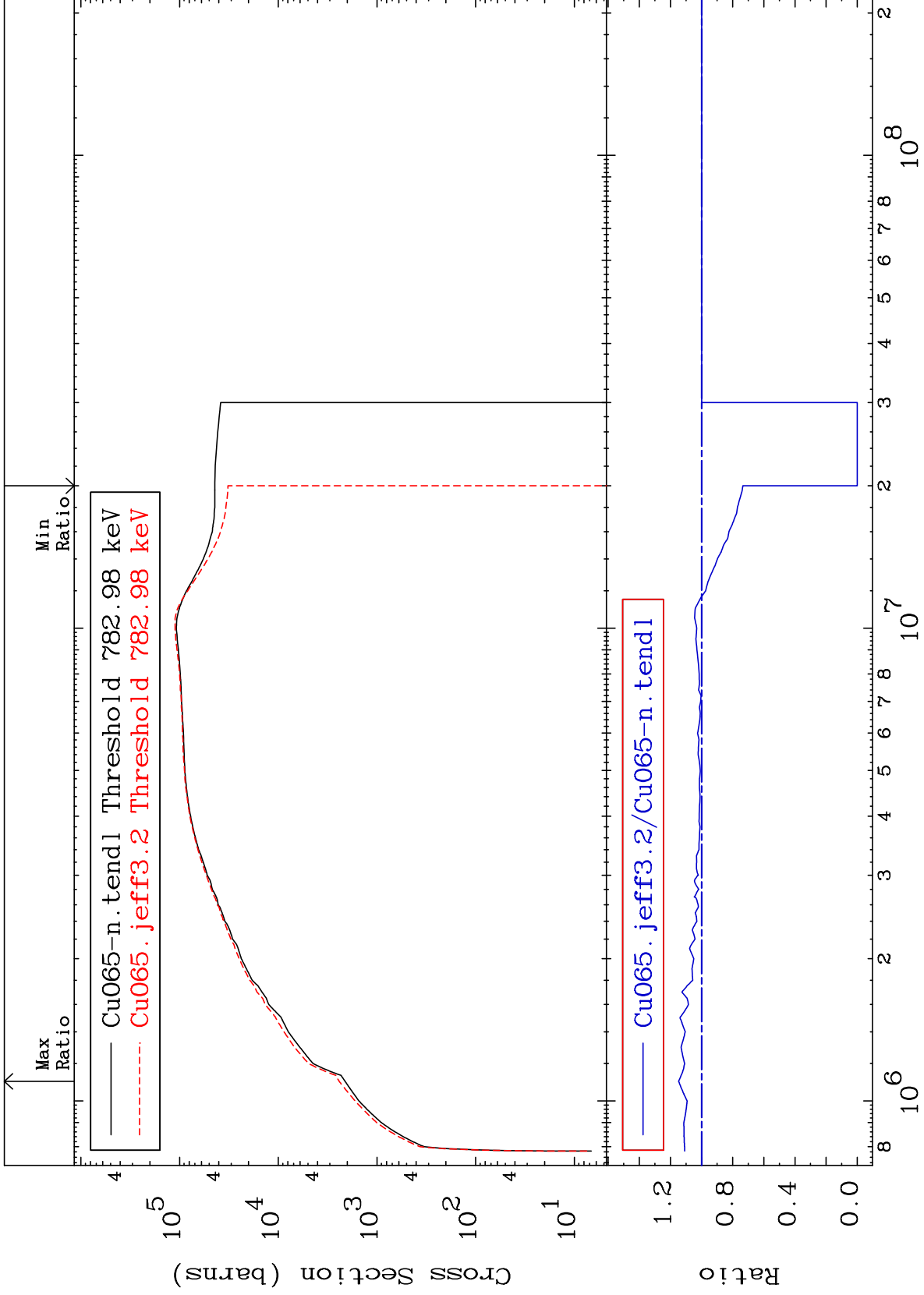
Incident Energy (eV)

29-Cu-65

MAT 2931

Dpa inelastic (mt51-91)
Cross Section

29-Cu-65
-100.0 To 14.74 %



52

Incident Energy (eV)

29-Cu-65

