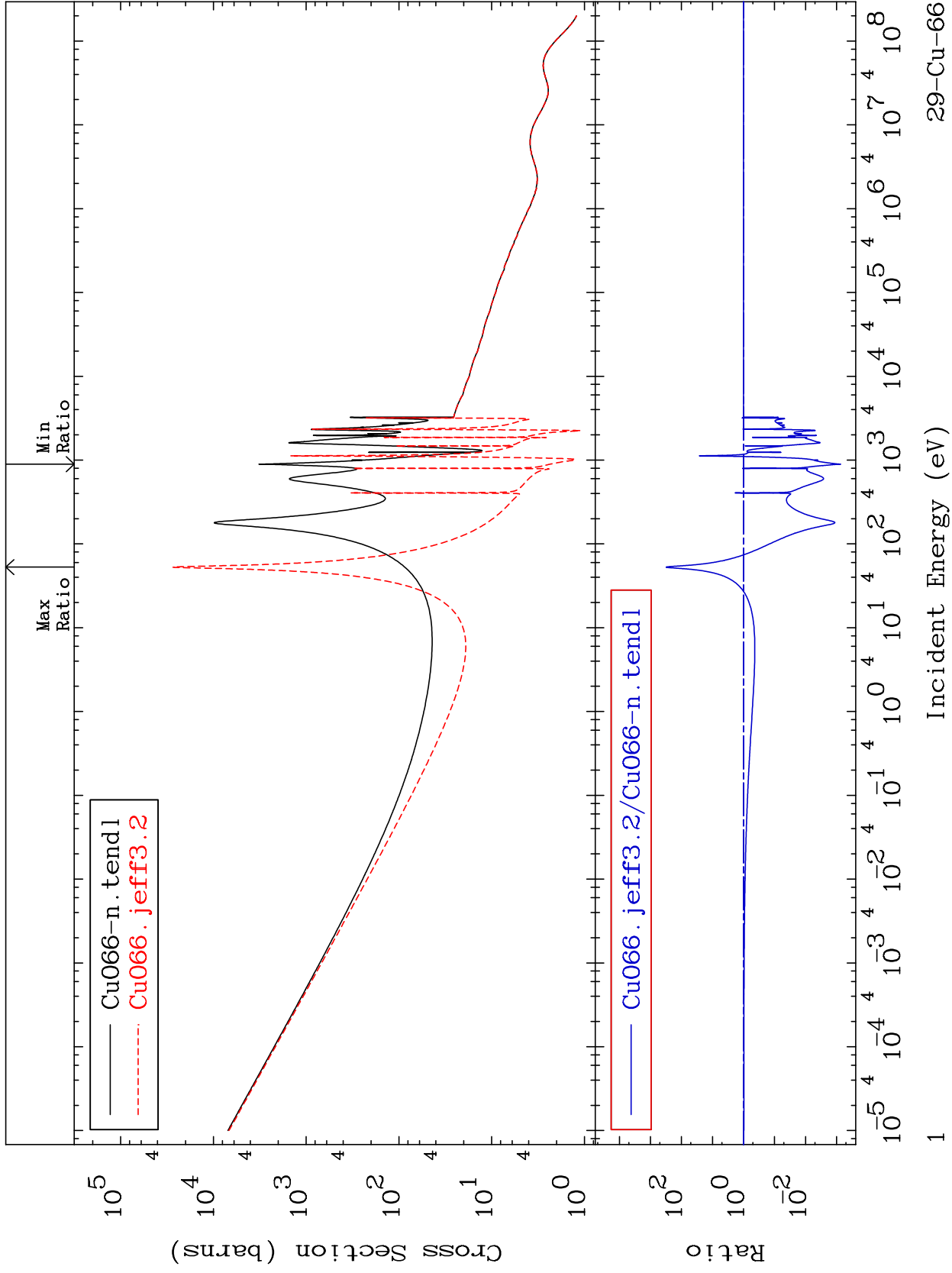


MAT 2934

Total
Cross Section

29-Cu-66
-99.93 To 9999. %

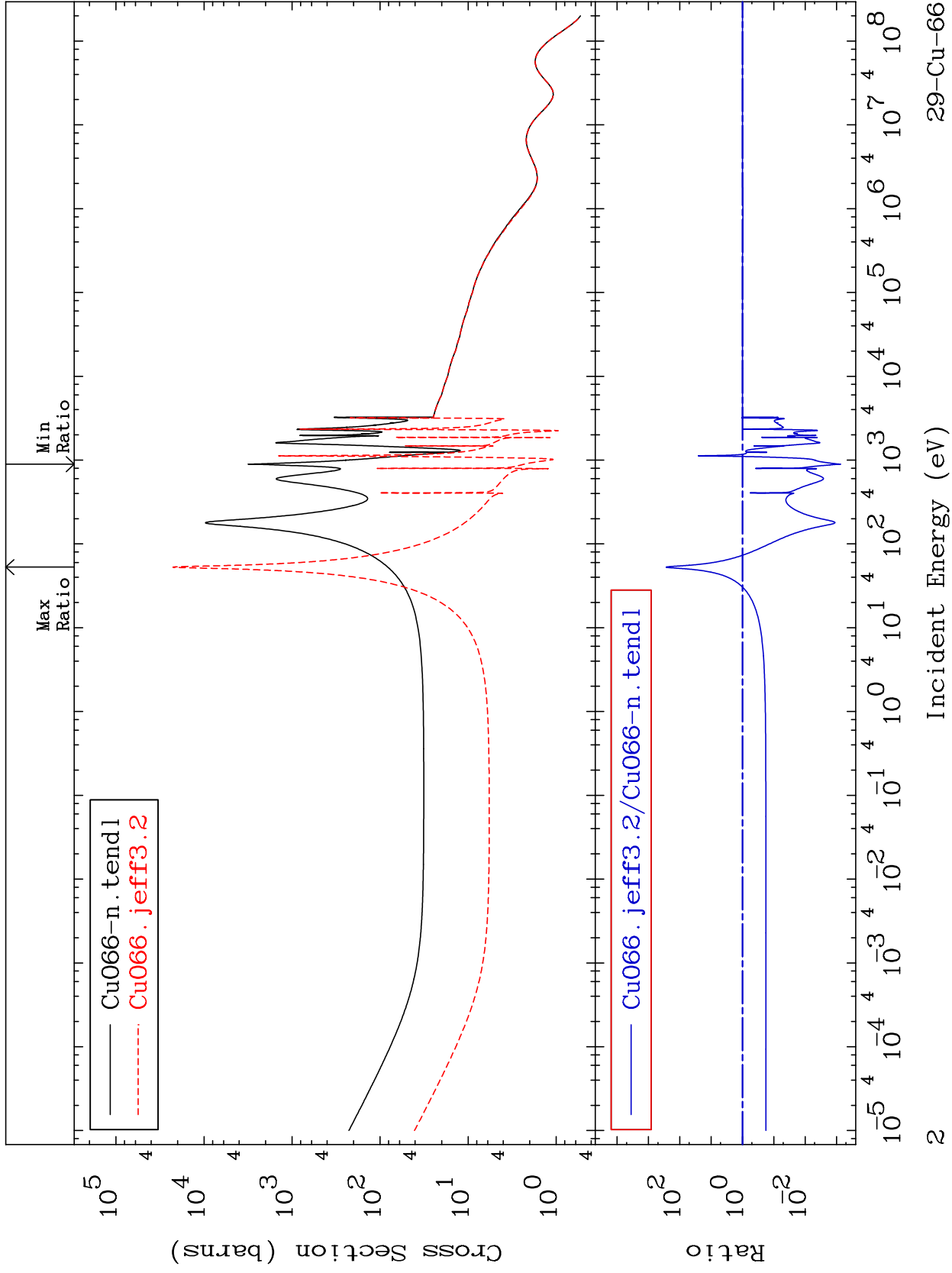


29-Cu-66

MAT 2934

Elastic
Cross Section

29-Cu-66
-99.93 To 9999. %



2

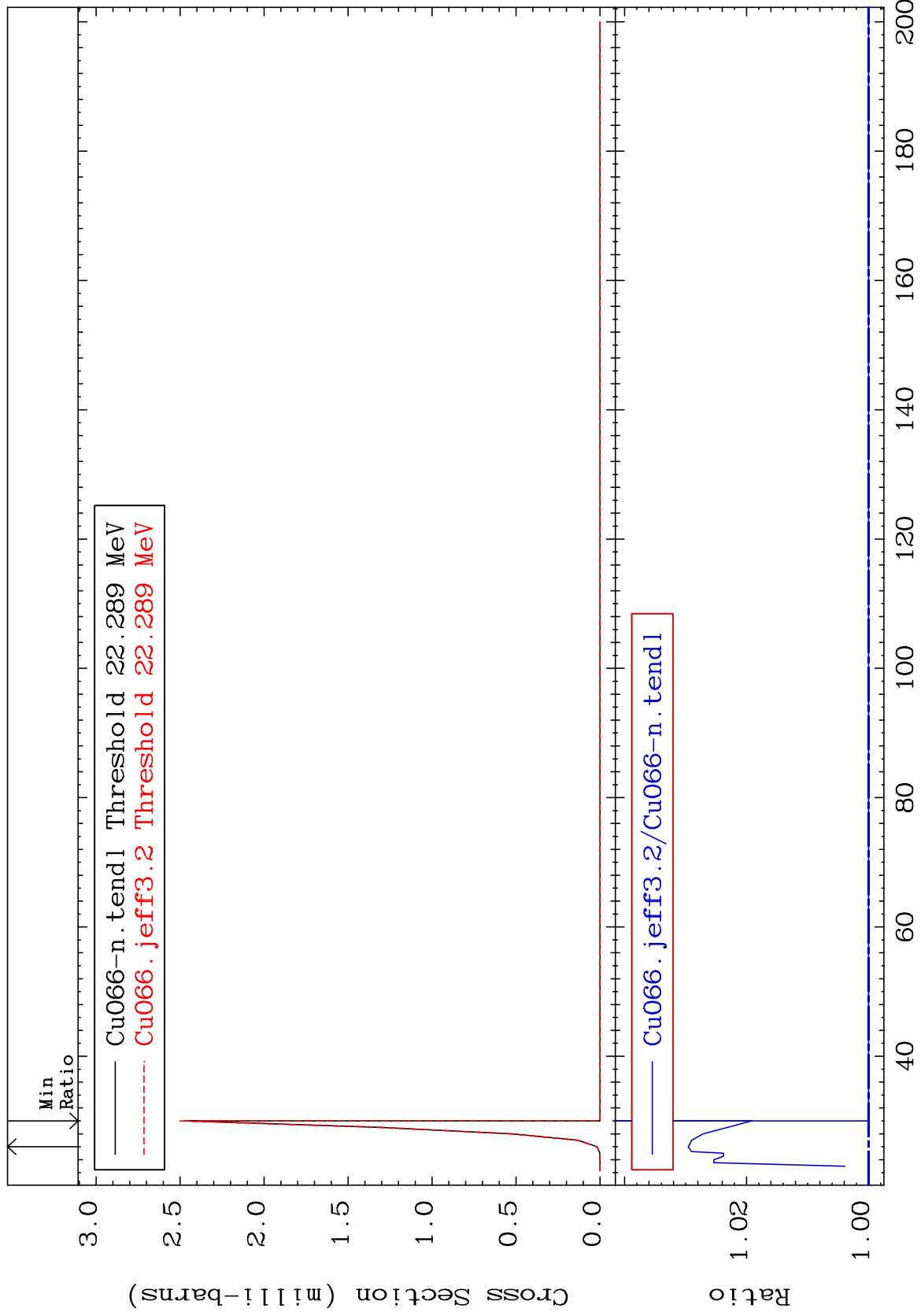
Incident Energy (eV)

29-Cu-66

MAT 2934

(n,2n) d
Cross Section

29-Cu-66
0.000 To 2.957 %



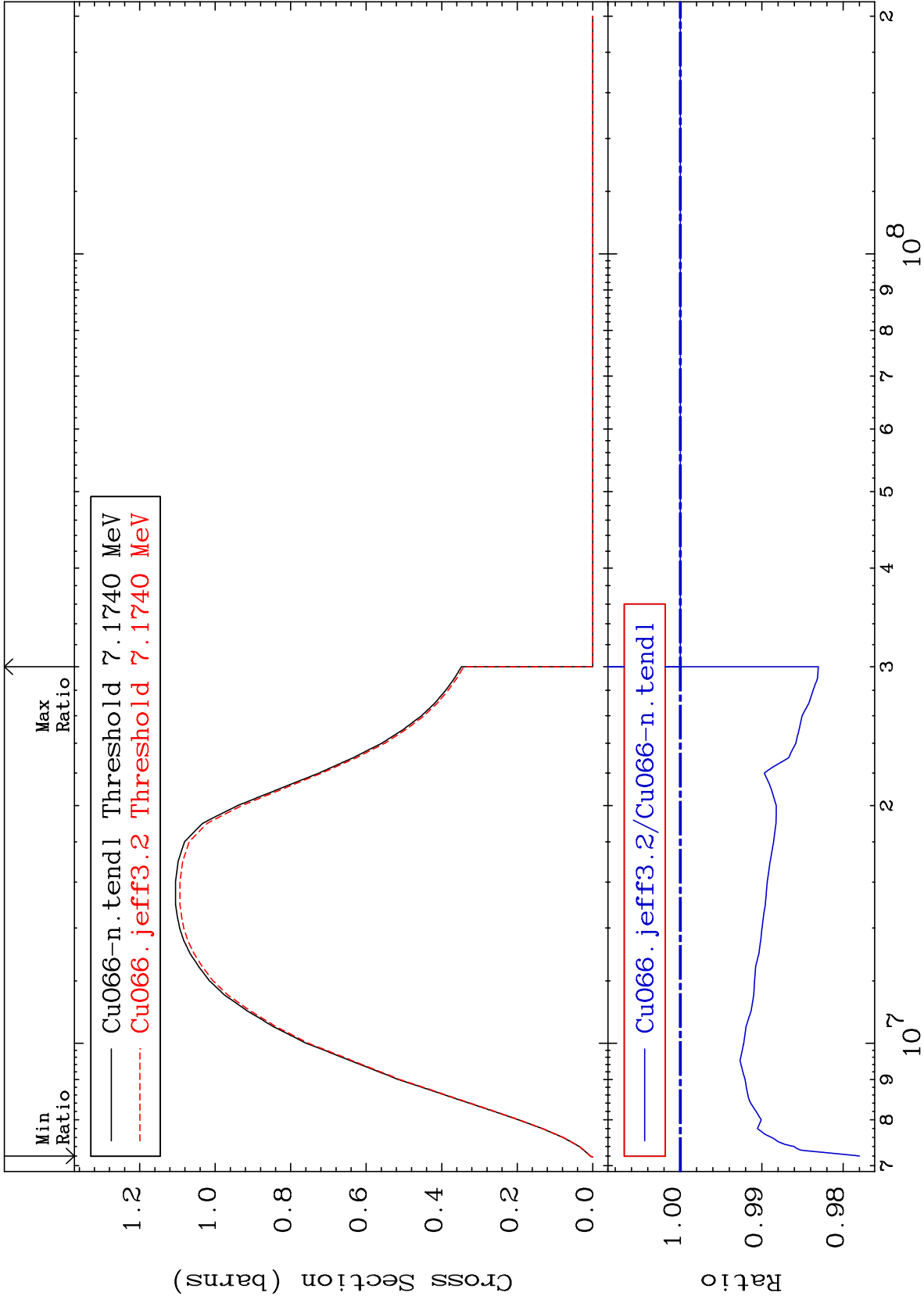
MAT 2934

(n,2n)

29-Cu-66

Cross Section

-2.199 To 0.000 %



5

Incident Energy (eV)

29-Cu-66

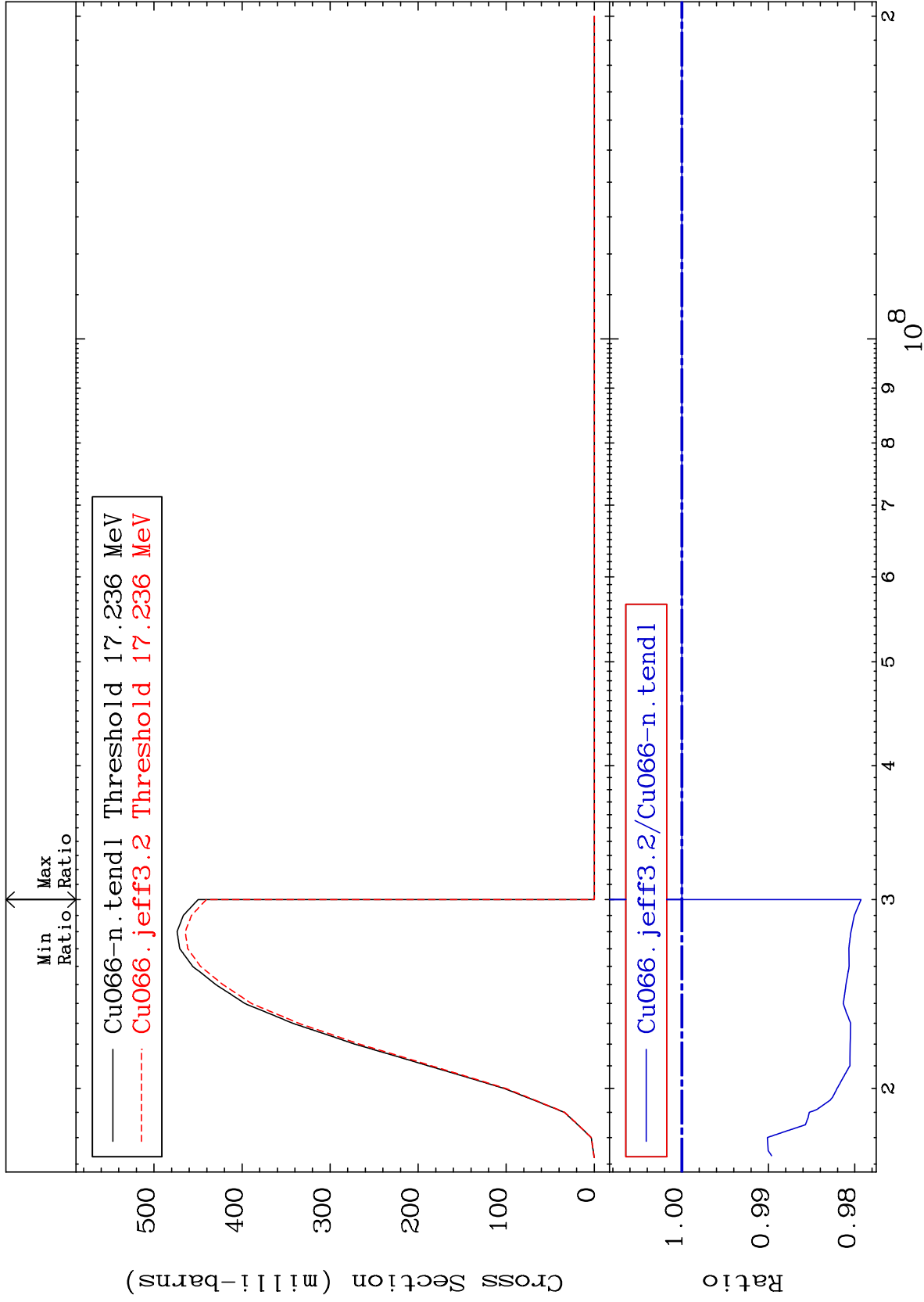
MAT 2934

(n,3n)

29-Cu-66

Cross Section

-2.071 To 0.000 %



6

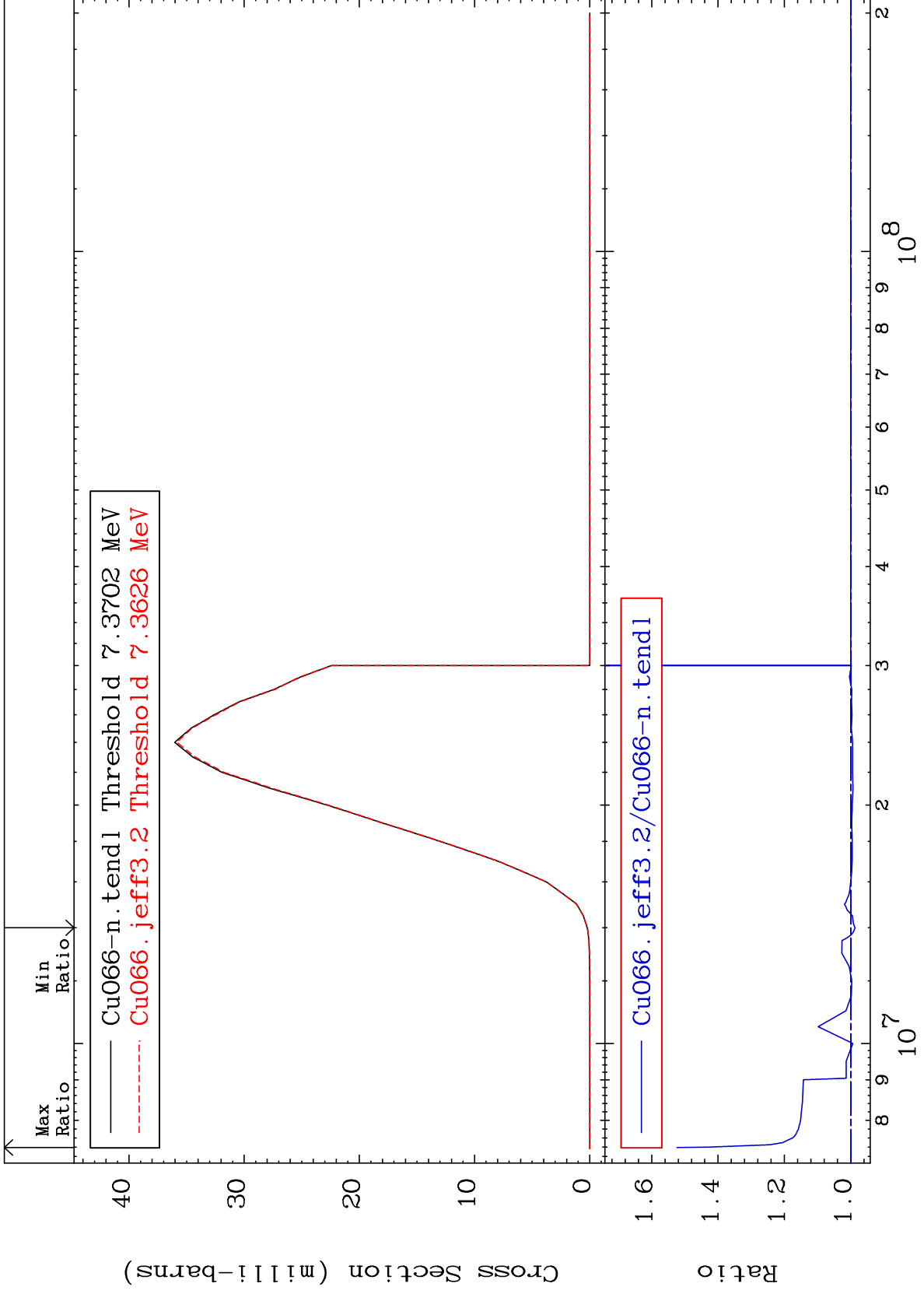
Incident Energy (eV)

29-Cu-66

MAT 2934

(n, n') α
Cross Section

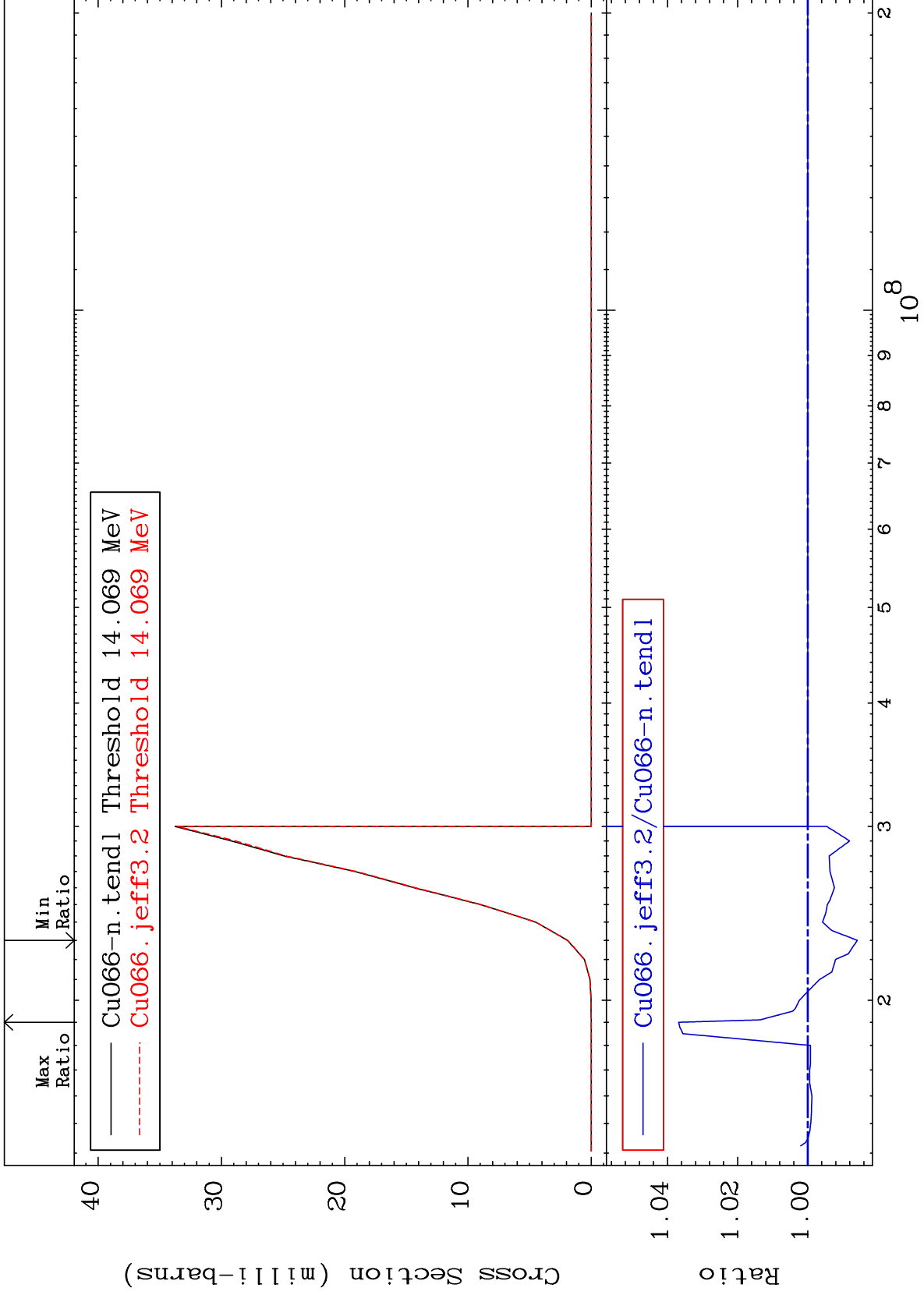
29-Cu-66
-1.330 To 52.40 %



MAT 2934

(n,2n) α
Cross Section

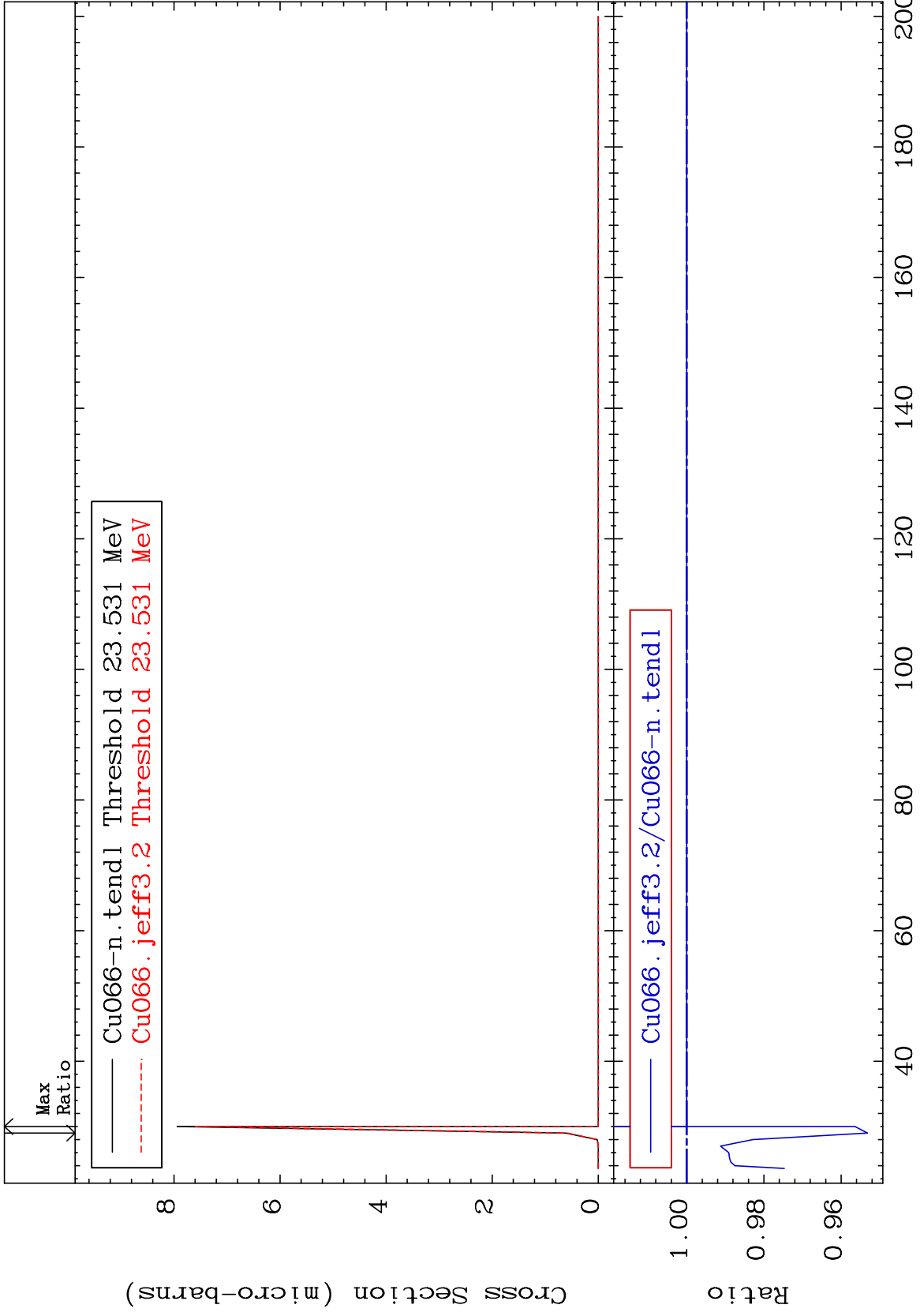
²⁹Cu-66
-1.413 To 3.683 %



MAT 2934

(n,3n) α
Cross Section

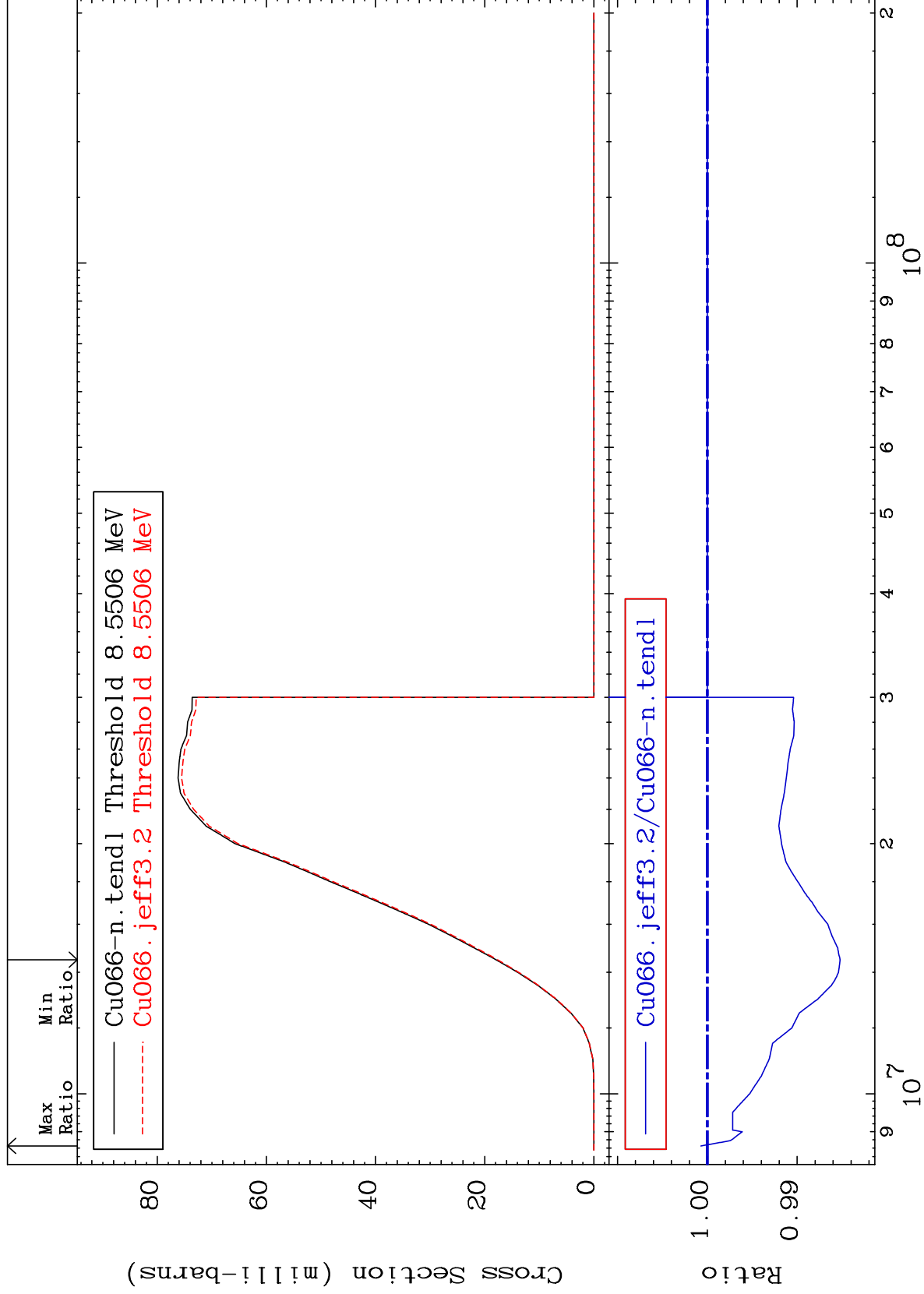
29-Cu-66
-4.682 To 0.000 %



MAT 2934

(n,n') p
Cross Section

²⁹-Cu-66
-1.477 To 0.073 %



²⁹-Cu-66

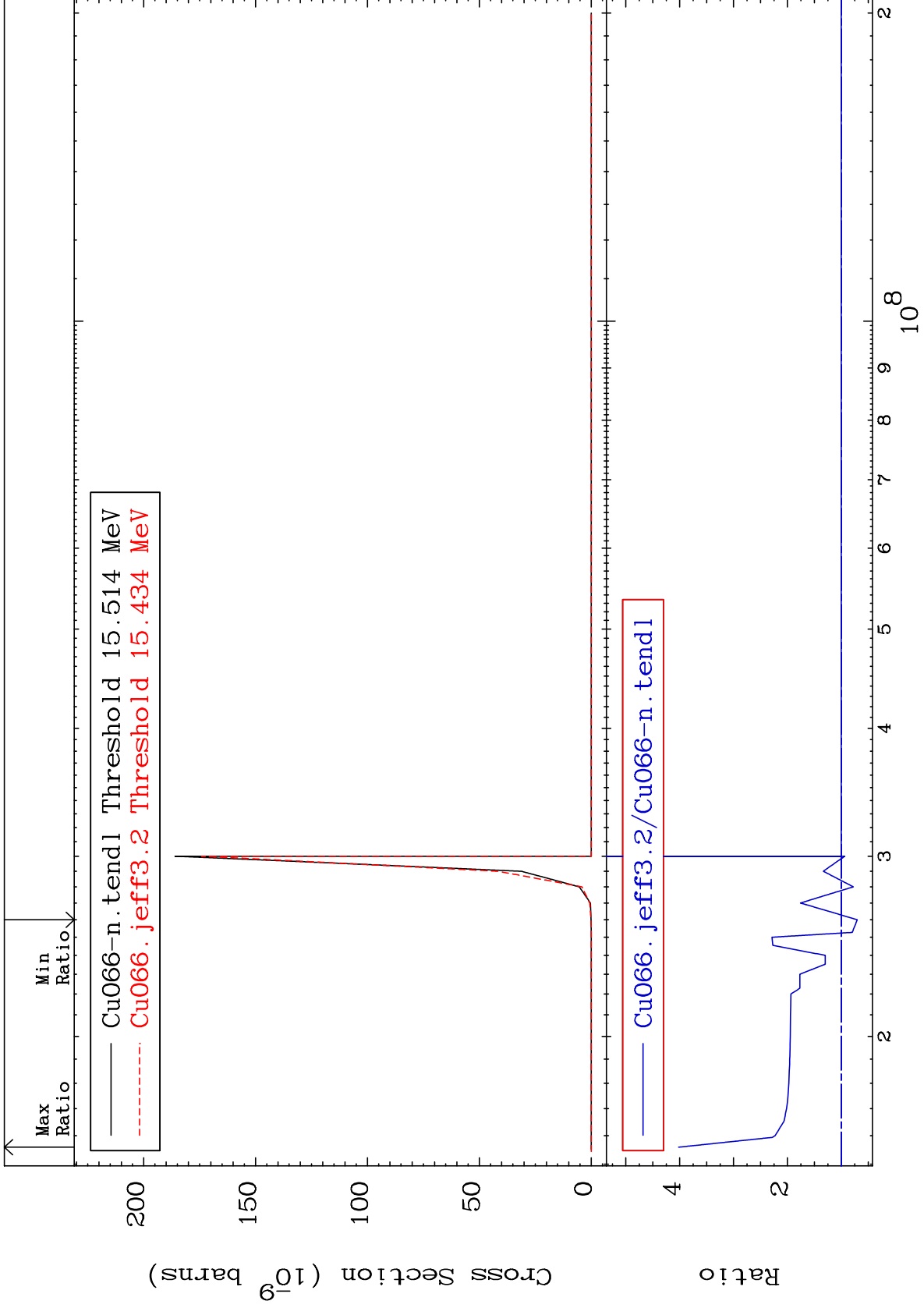
Incident Energy (eV)

10

MAT 2934

(n, n') 2α
Cross Section

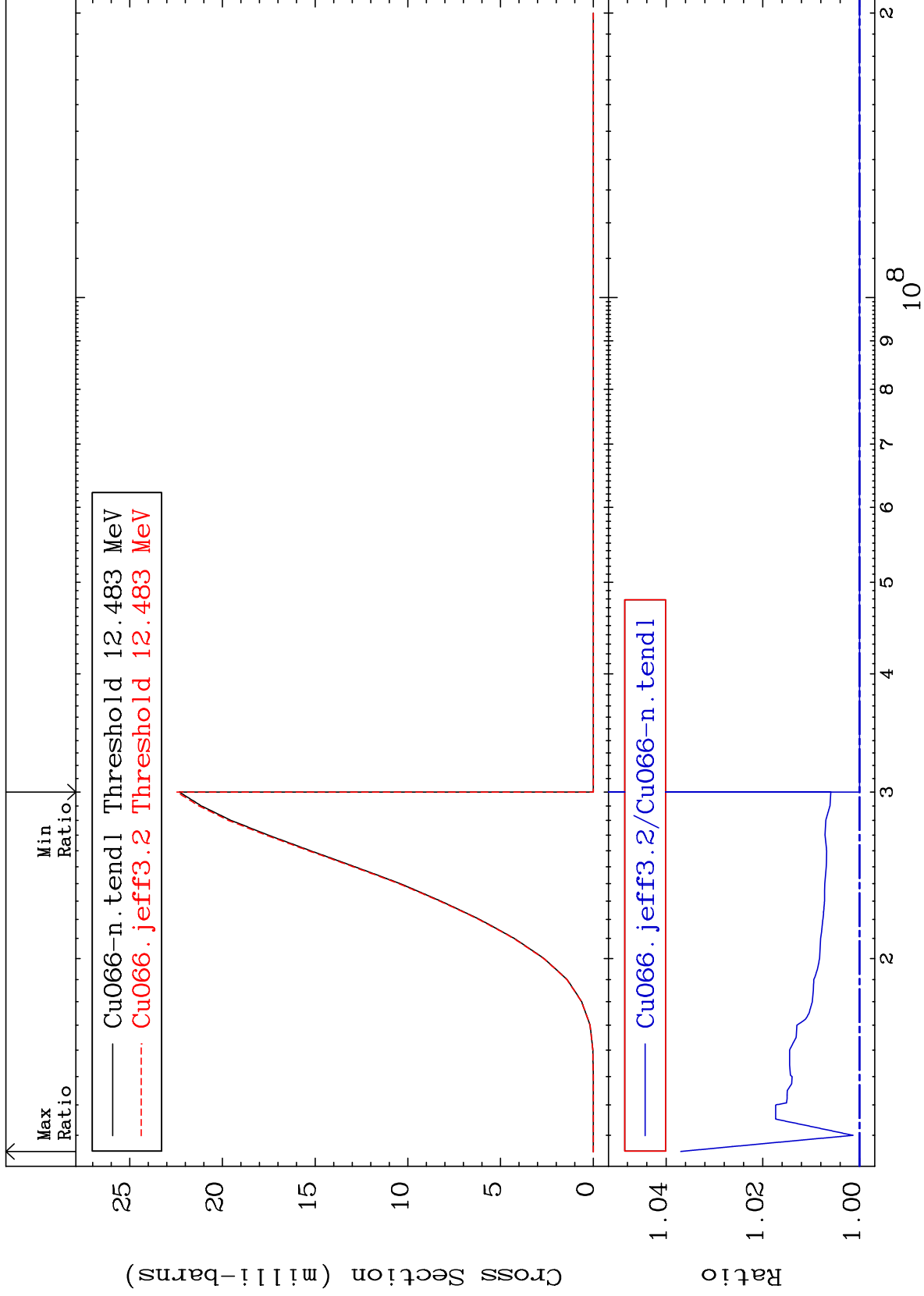
29-Cu-66
-29.55 To 302.0 %



MAT 2934

(n,n') d
Cross Section

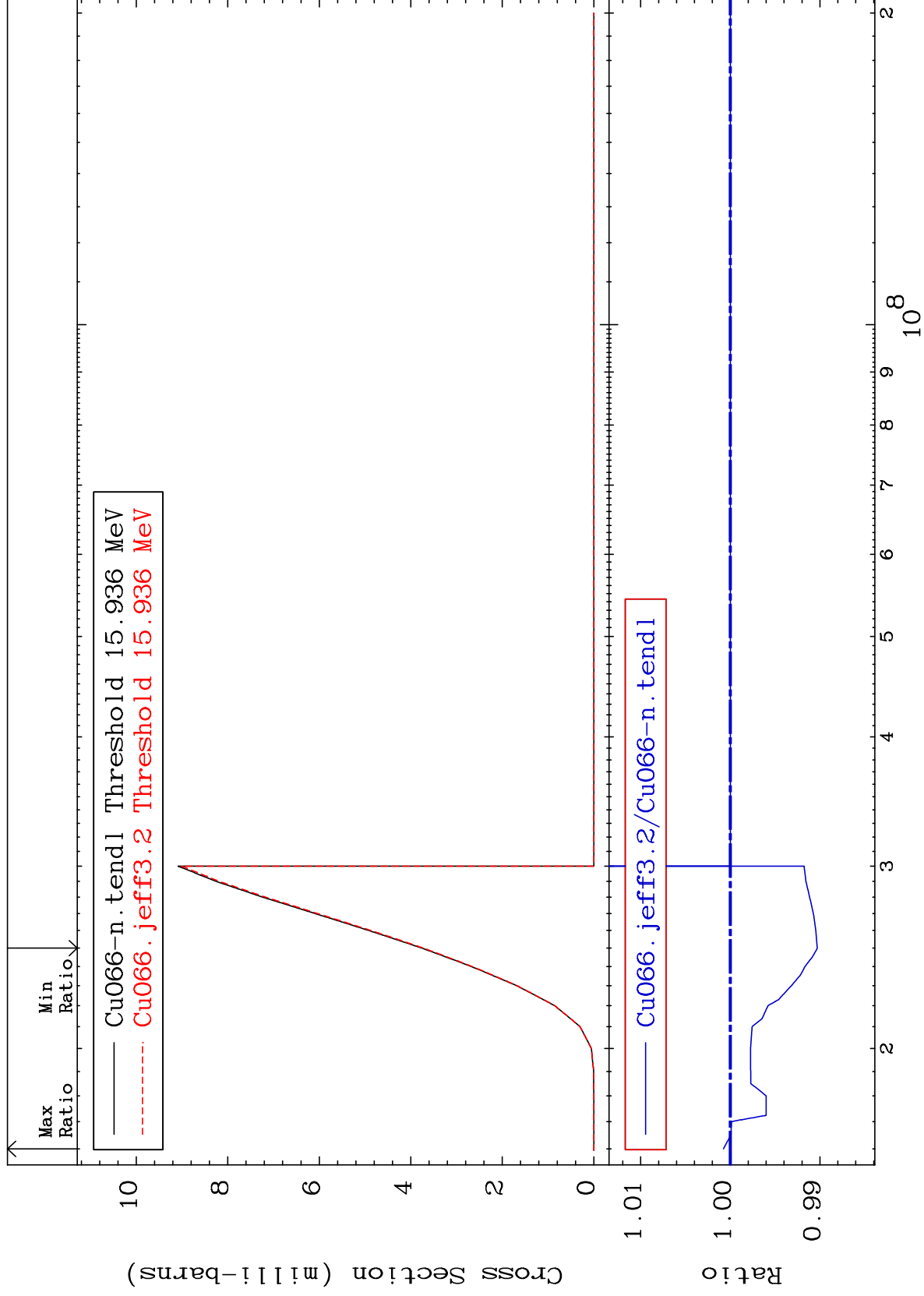
29-Cu-66
0.000 To 3.697 %



MAT 2934

(n,n') t
Cross Section

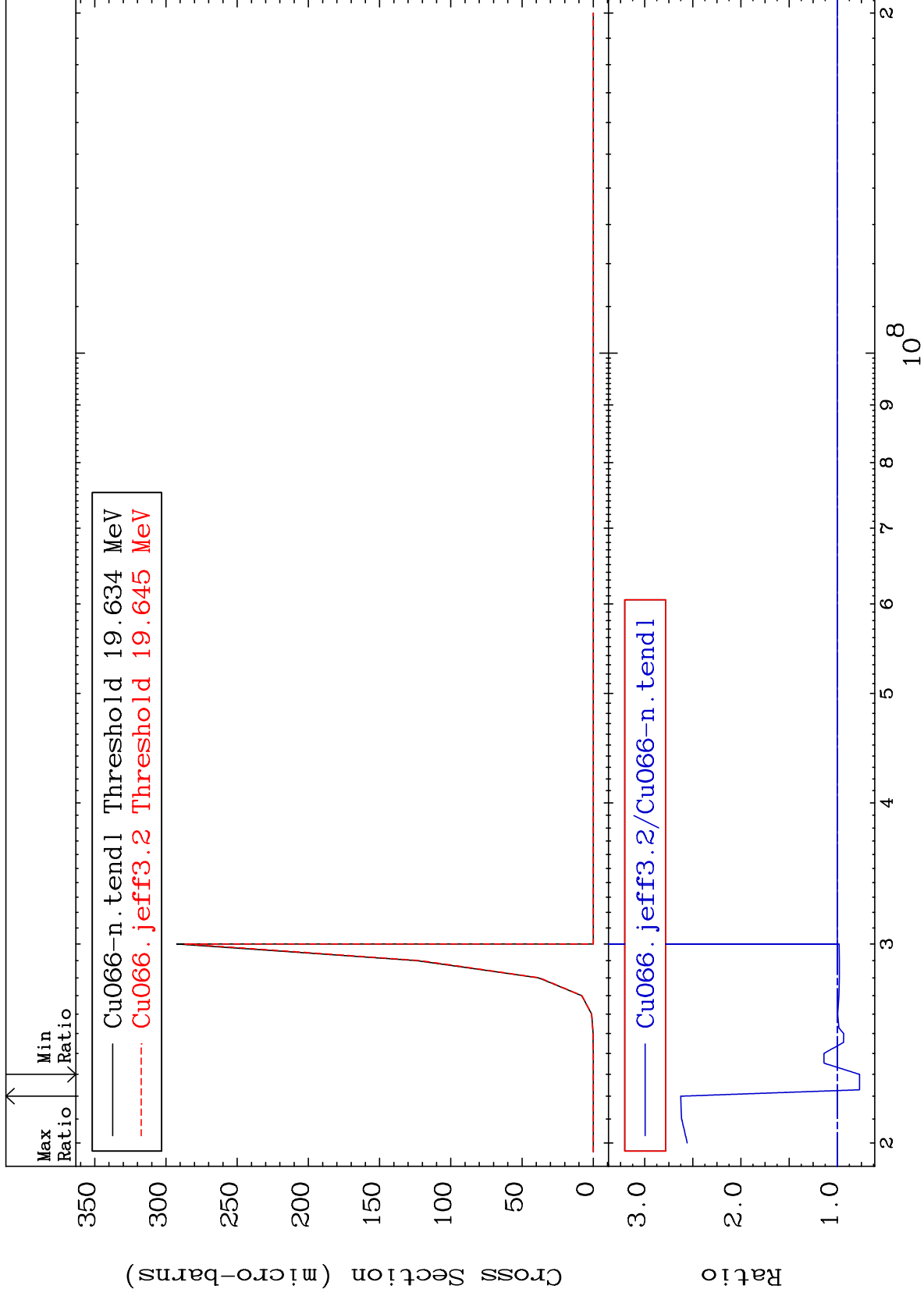
29-Cu-66
-0.971 To 0.076 %



MAT 2934

(n, n') He-3
Cross Section

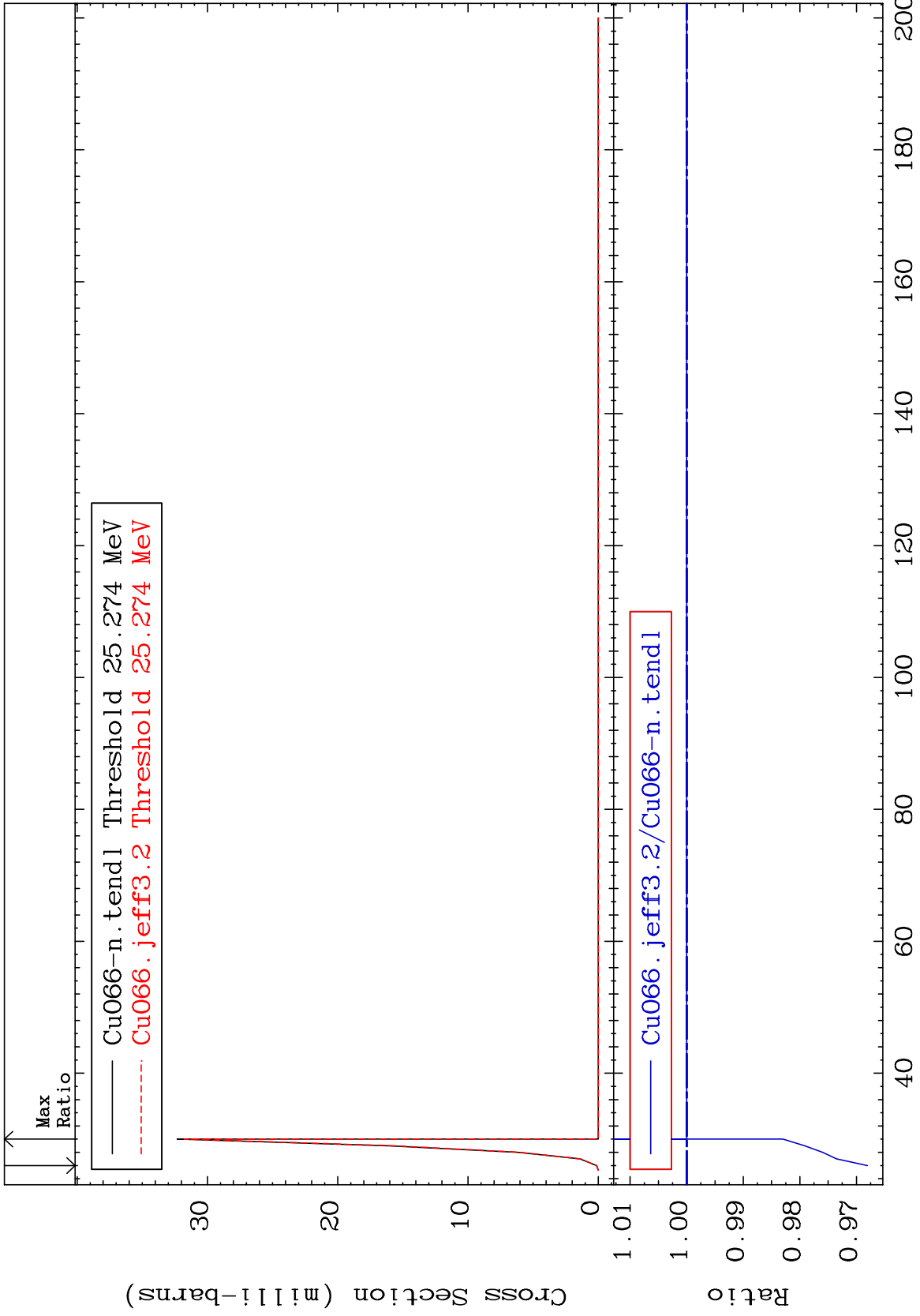
29-Cu-66
-23.12 To 162.5 %



MAT 2934

(n,4n)
Cross Section

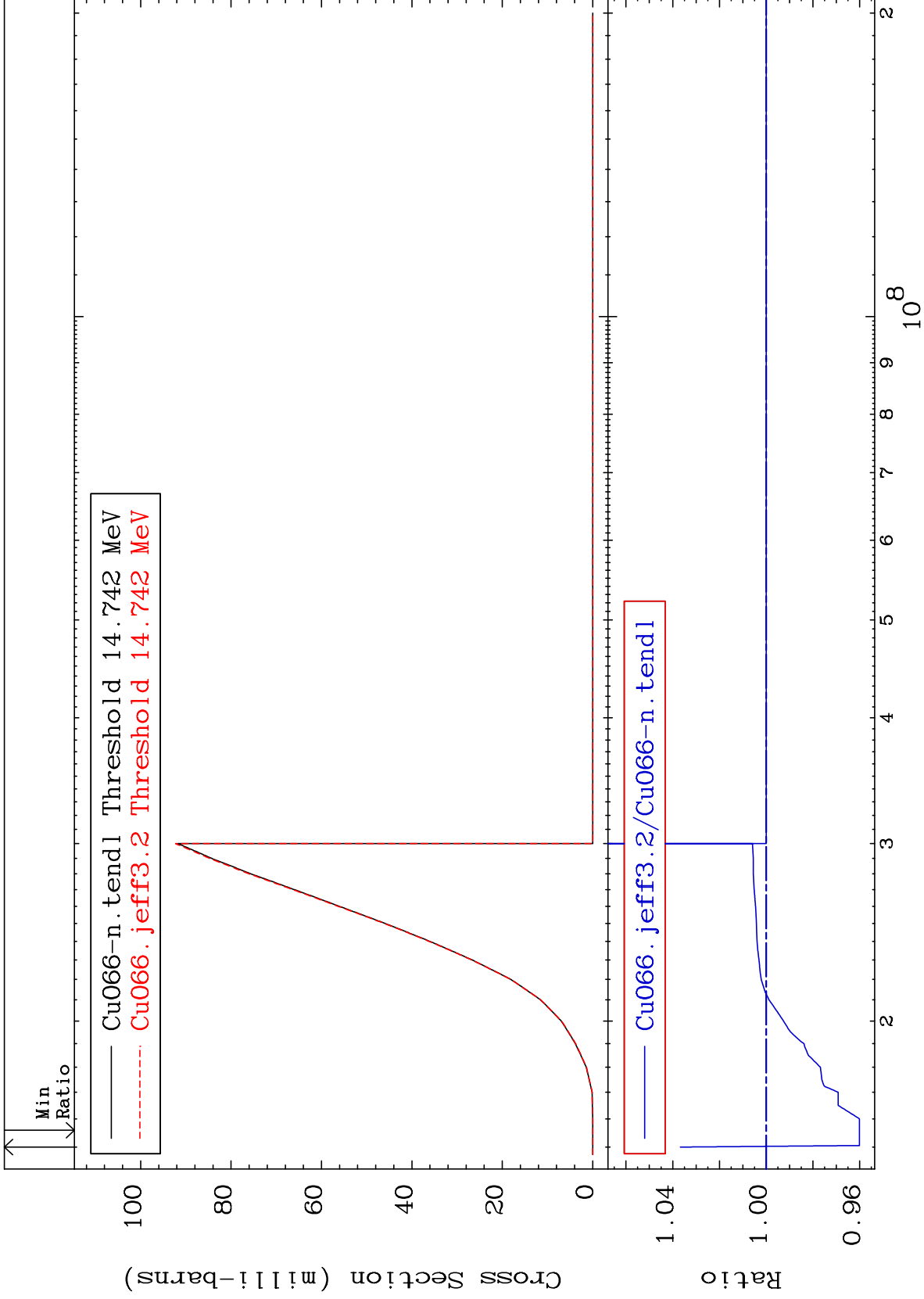
29-Cu-66
-3.195 To 0.000 %



MAT 2934

(n,2n) p
Cross Section

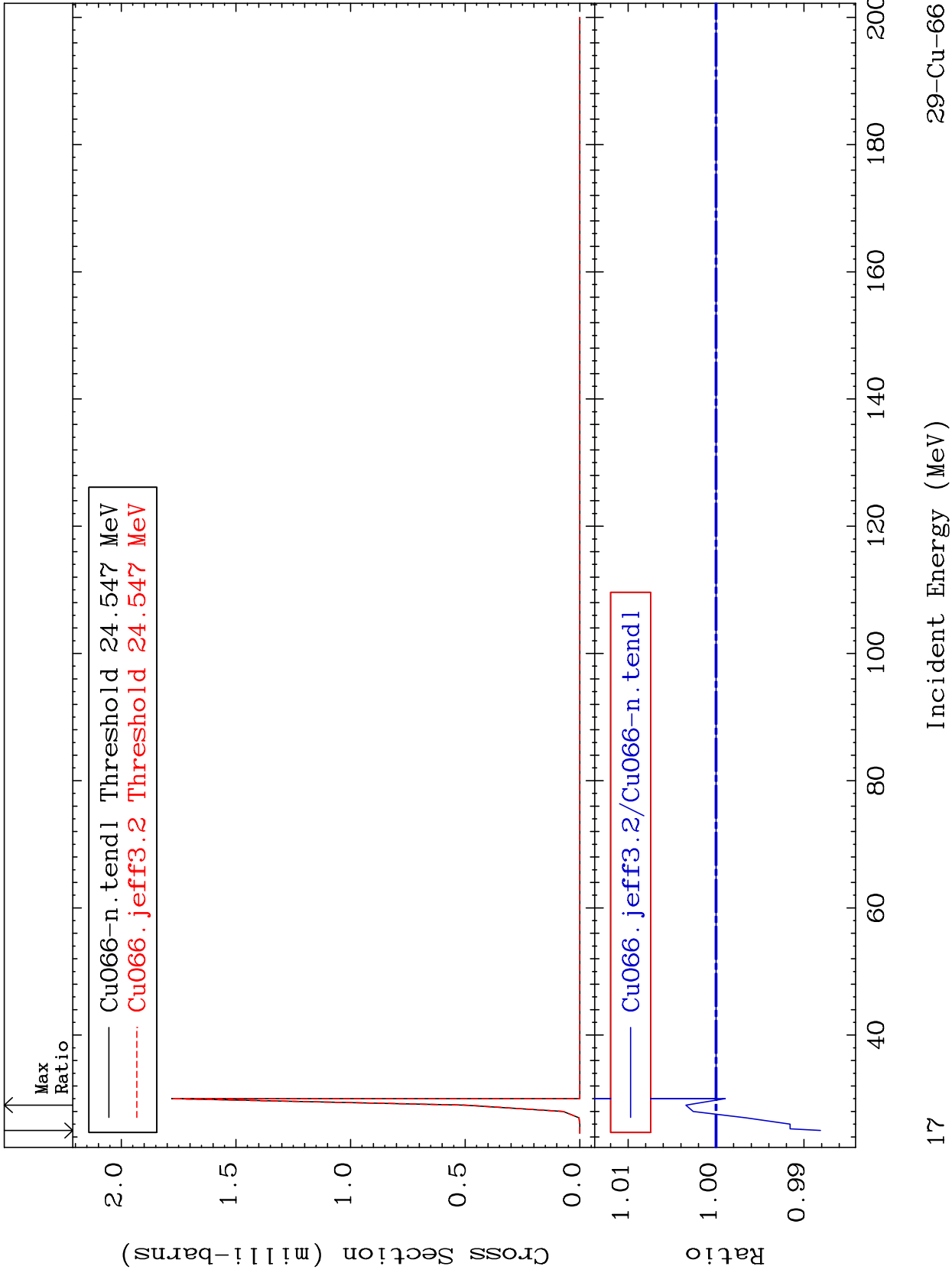
²⁹-Cu-66
-3.990 To 3.673 %



MAT 2934

(n,3n) p
Cross Section

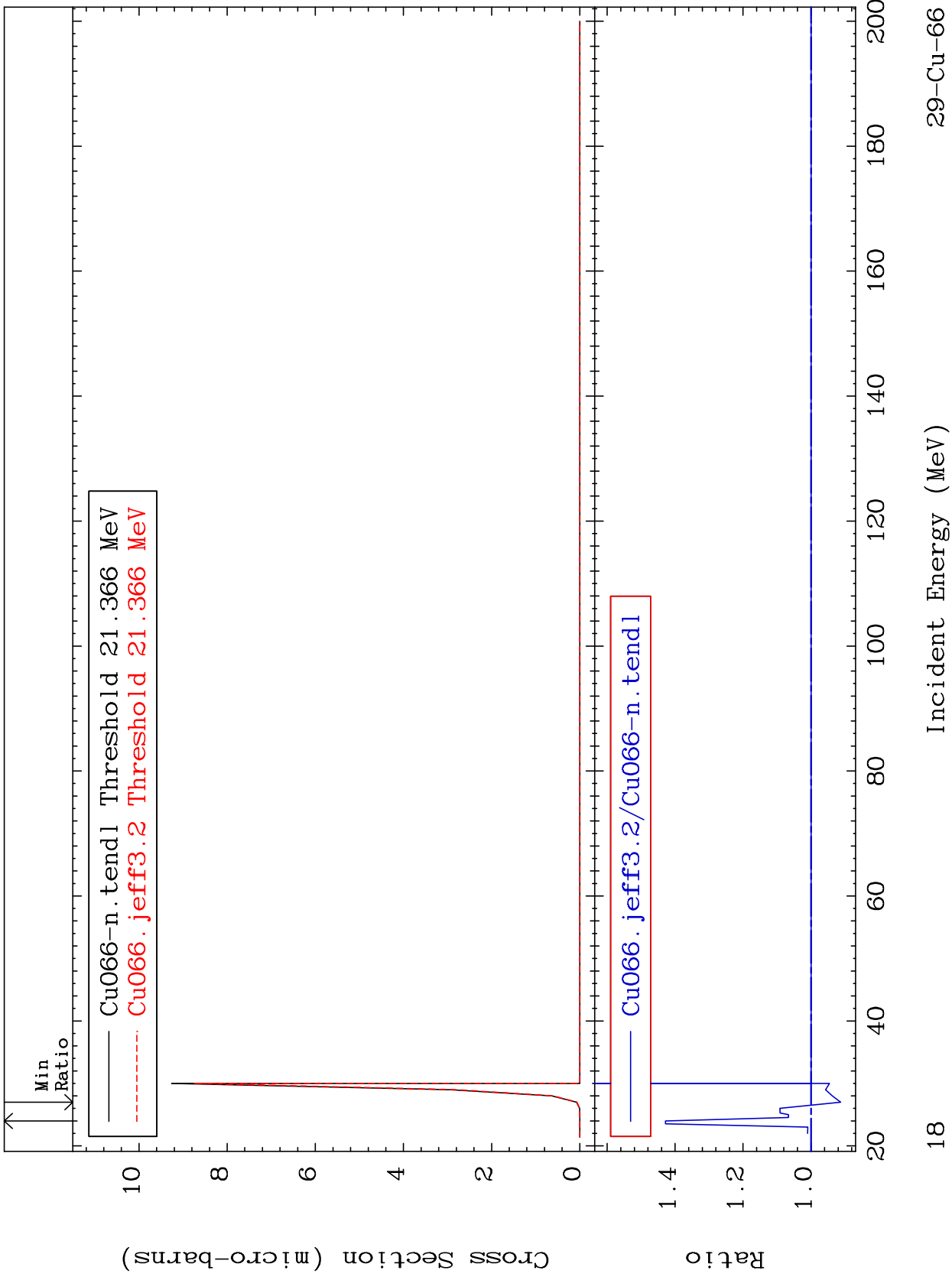
29-Cu-66
-1.186 To 0.345 %



MAT 2934

(n,2n) p
Cross Section

²⁹Cu-66
-8.738 To 42.83 %



18

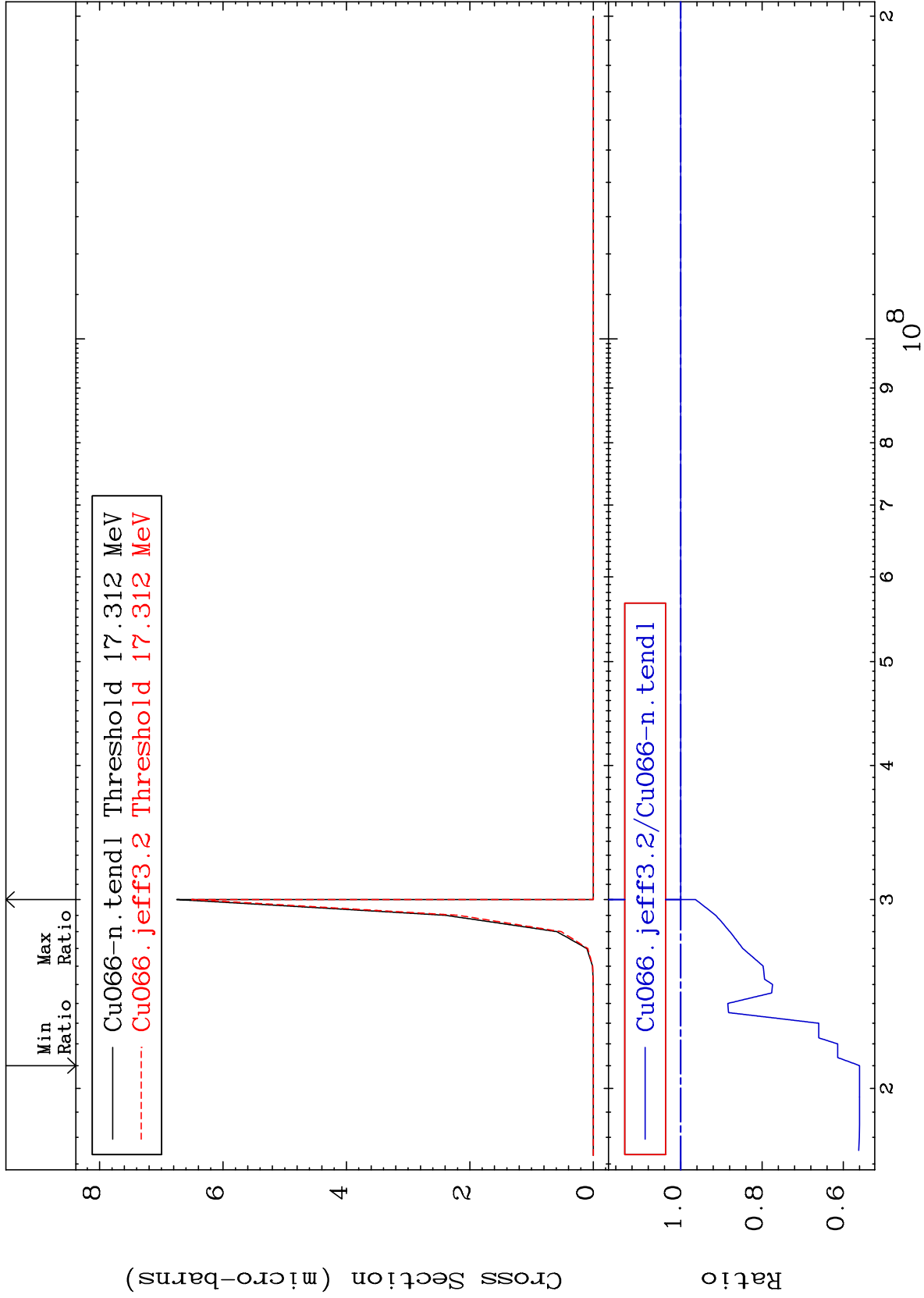
Incident Energy (MeV)

²⁹Cu-66

MAT 2934

(n,n') p α
Cross Section

29-Cu-66
-43.99 To 0.000 %



19

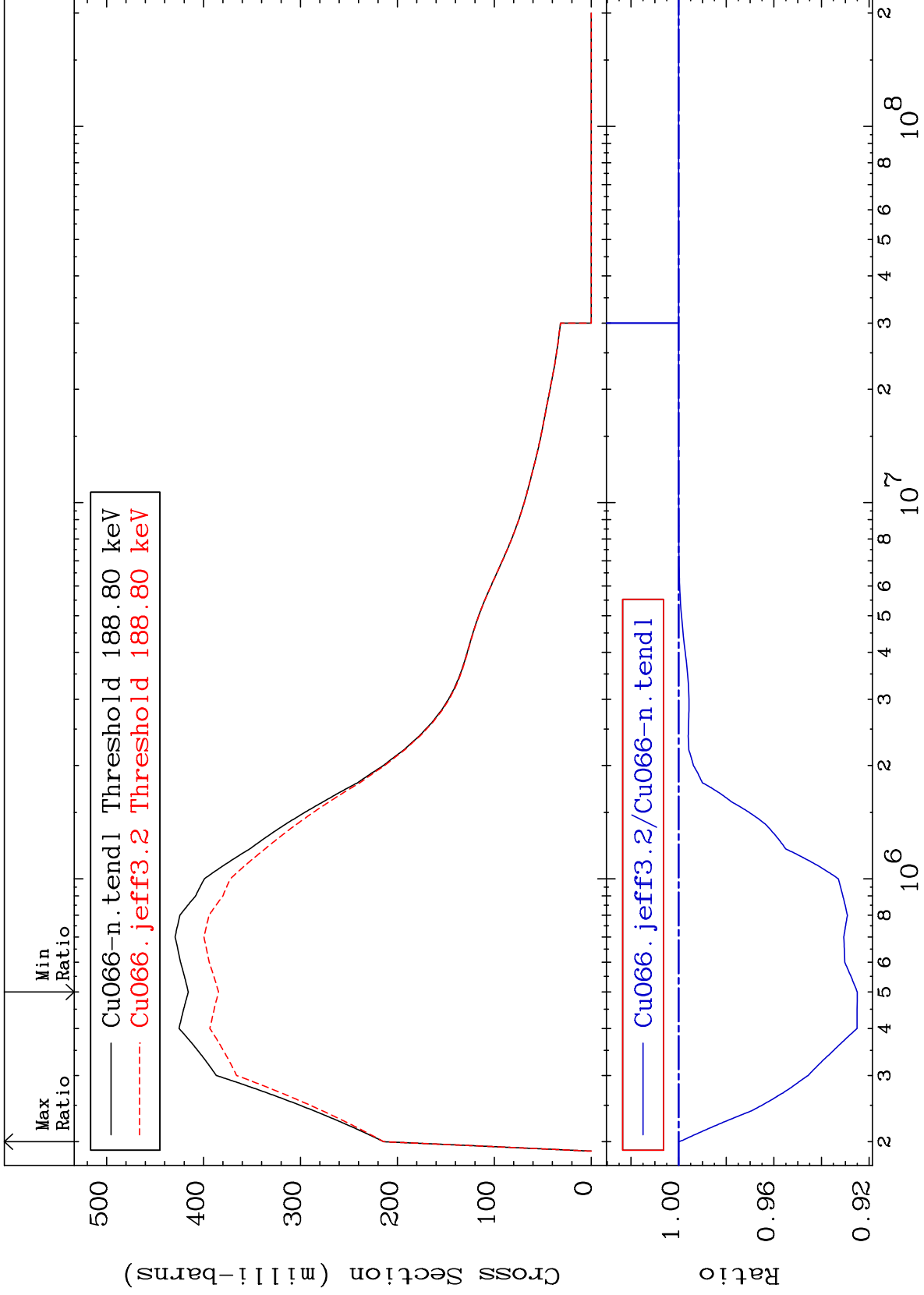
Incident Energy (eV)

29-Cu-66

MAT 2934

186.0 keV (n,n') Level
Cross Section

29-Cu-66
-7.500 To 0.001 %



20

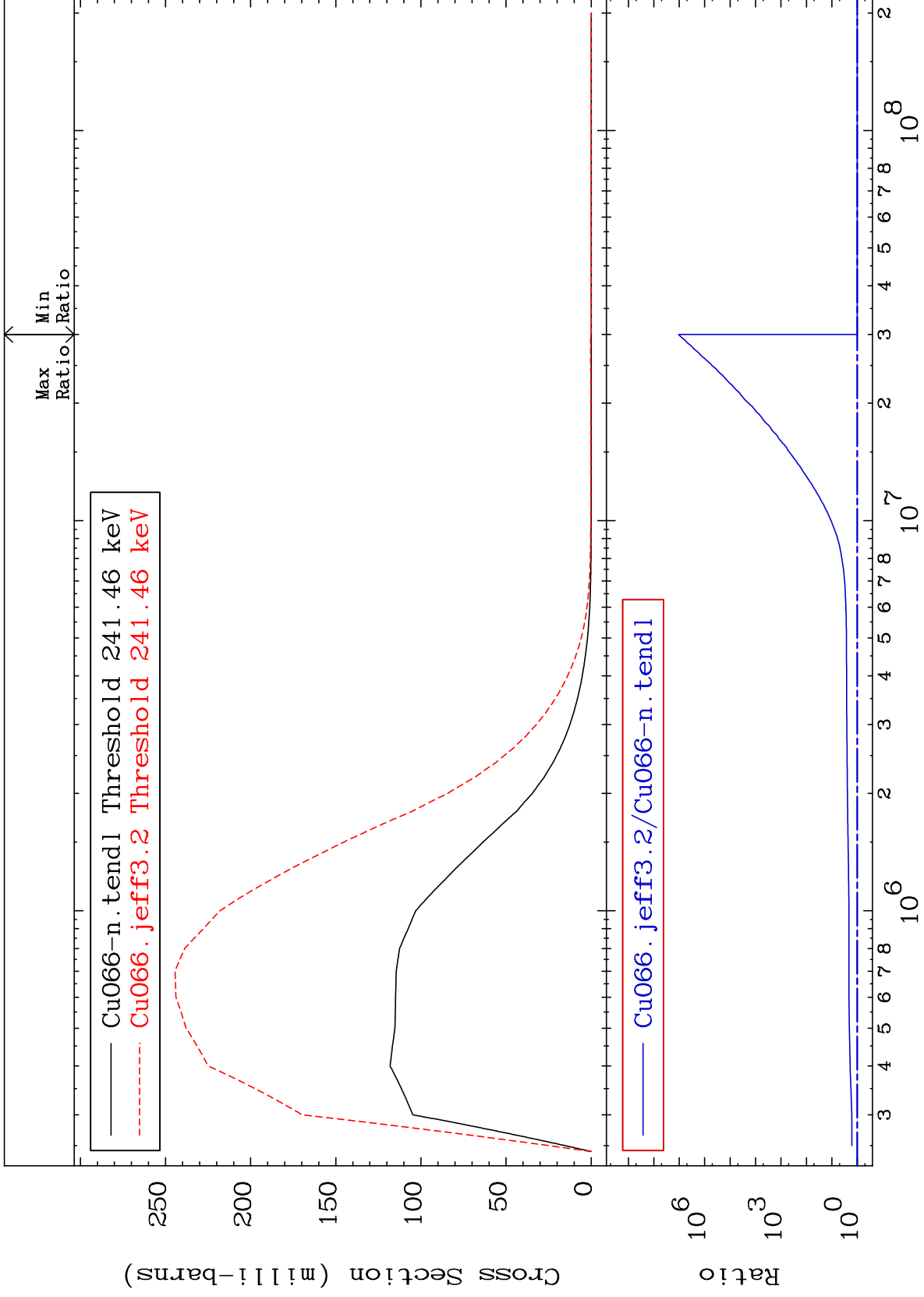
Incident Energy (eV)

29-Cu-66

MAT 2934

237.8 keV (n,n') Level
Cross Section

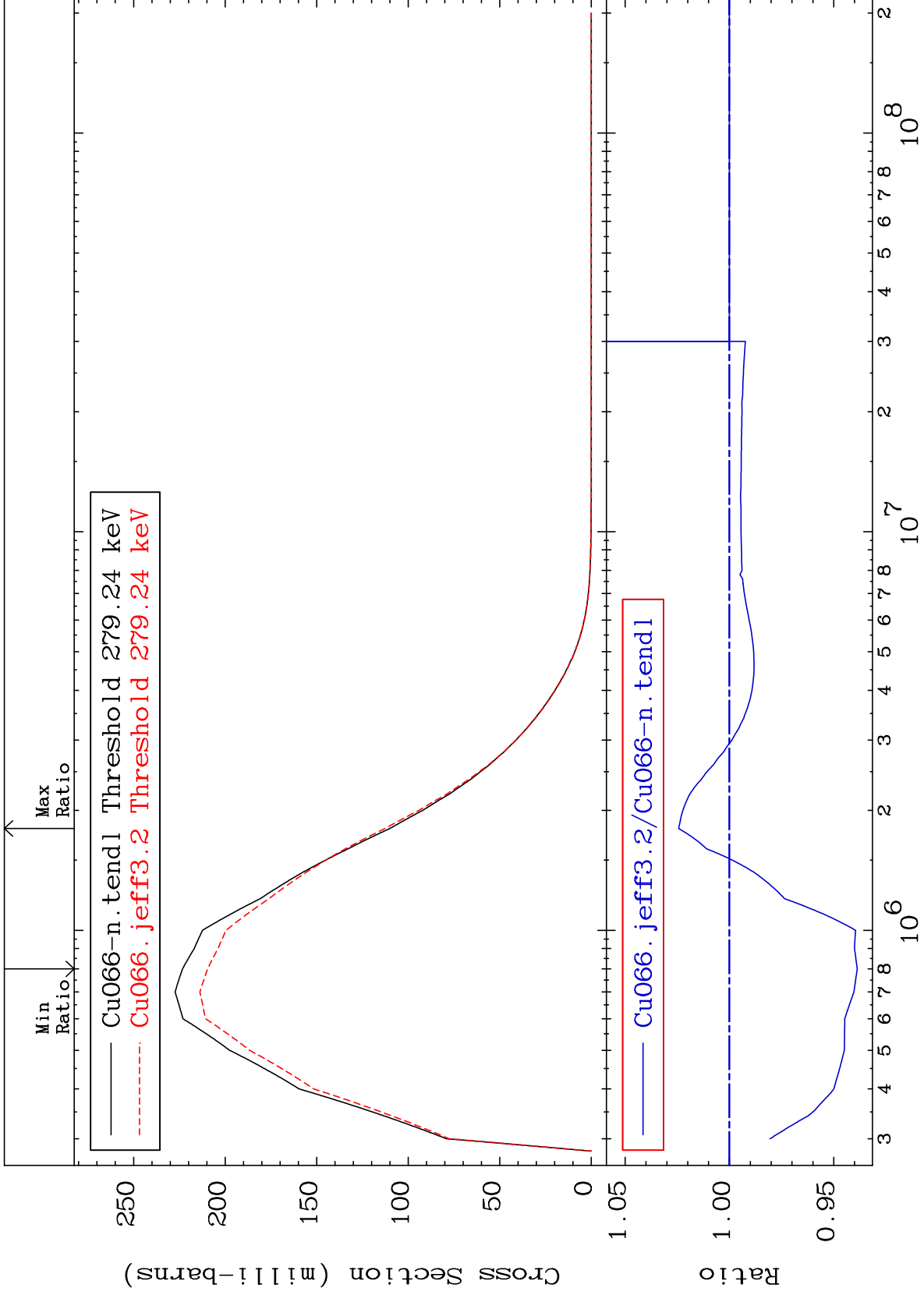
29-Cu-66
0.000 To 9999. %



MAT 2934

275.0 keV (n,n') Level
Cross Section

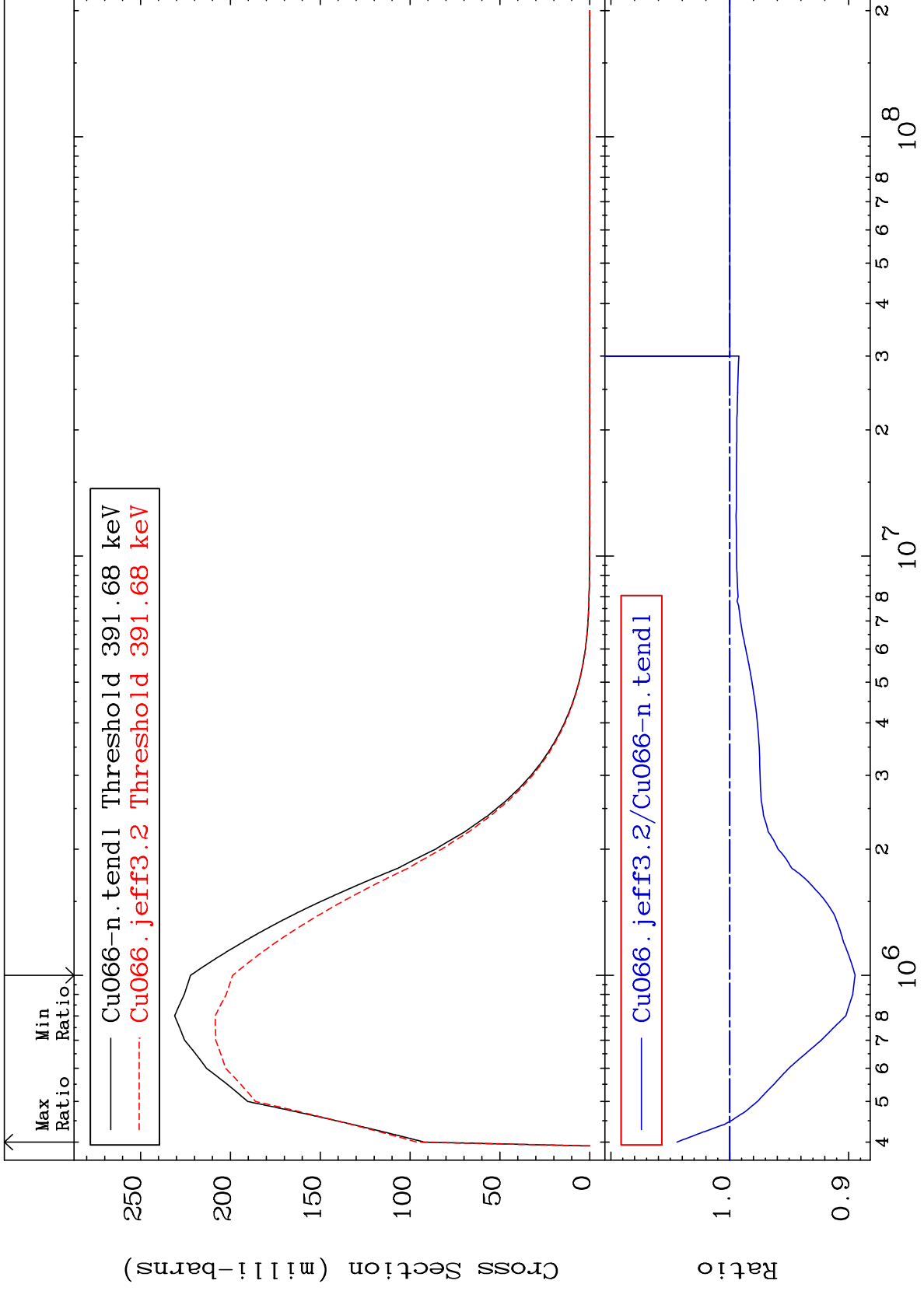
29-Cu-66
-6.129 To 2.436 %



MAT 2934

385.8 keV (n,n') Level
Cross Section

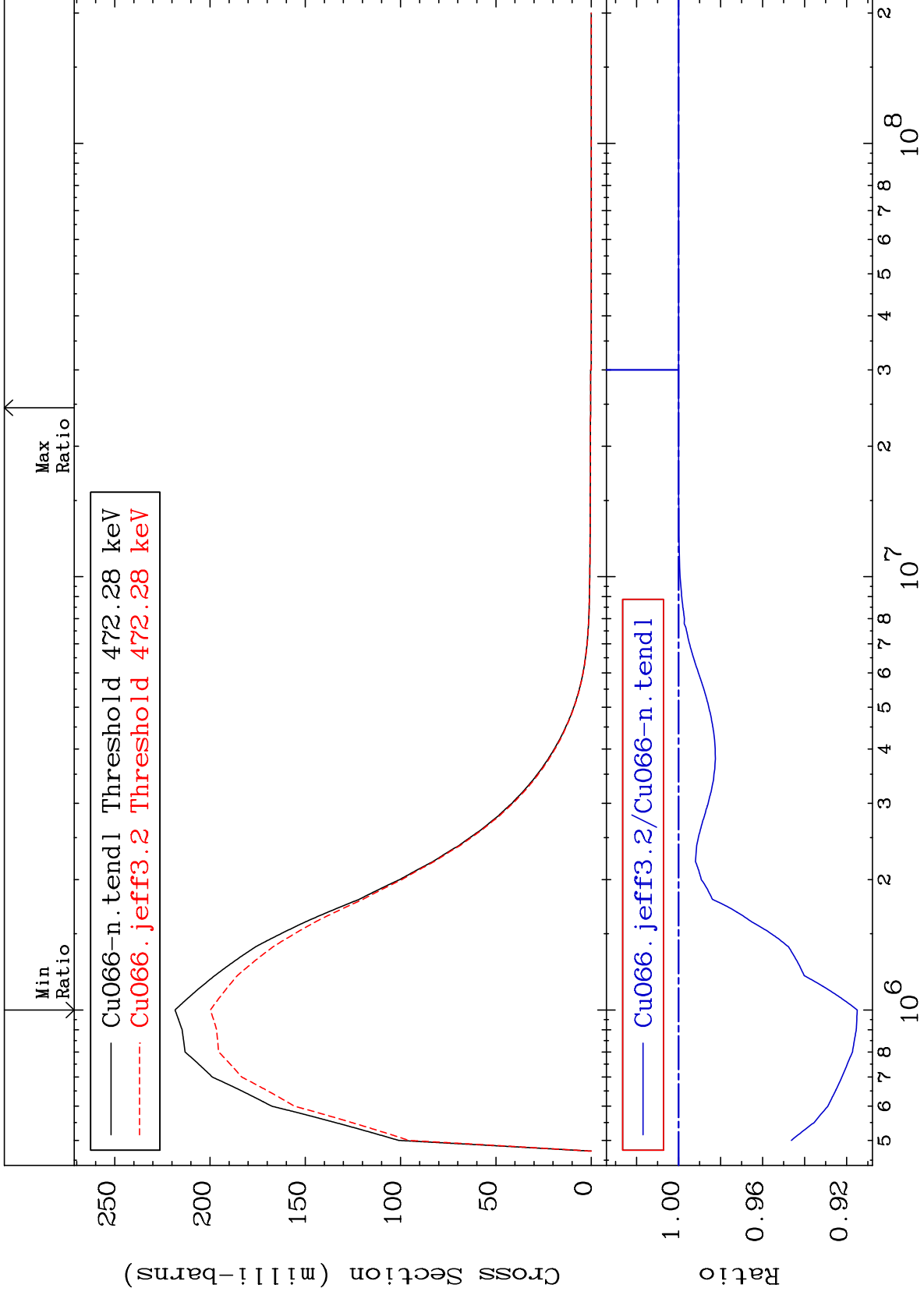
29-Cu-66
-10.55 To 4.442 %



MAT 2934

465.2 keV (n,n') Level
Cross Section

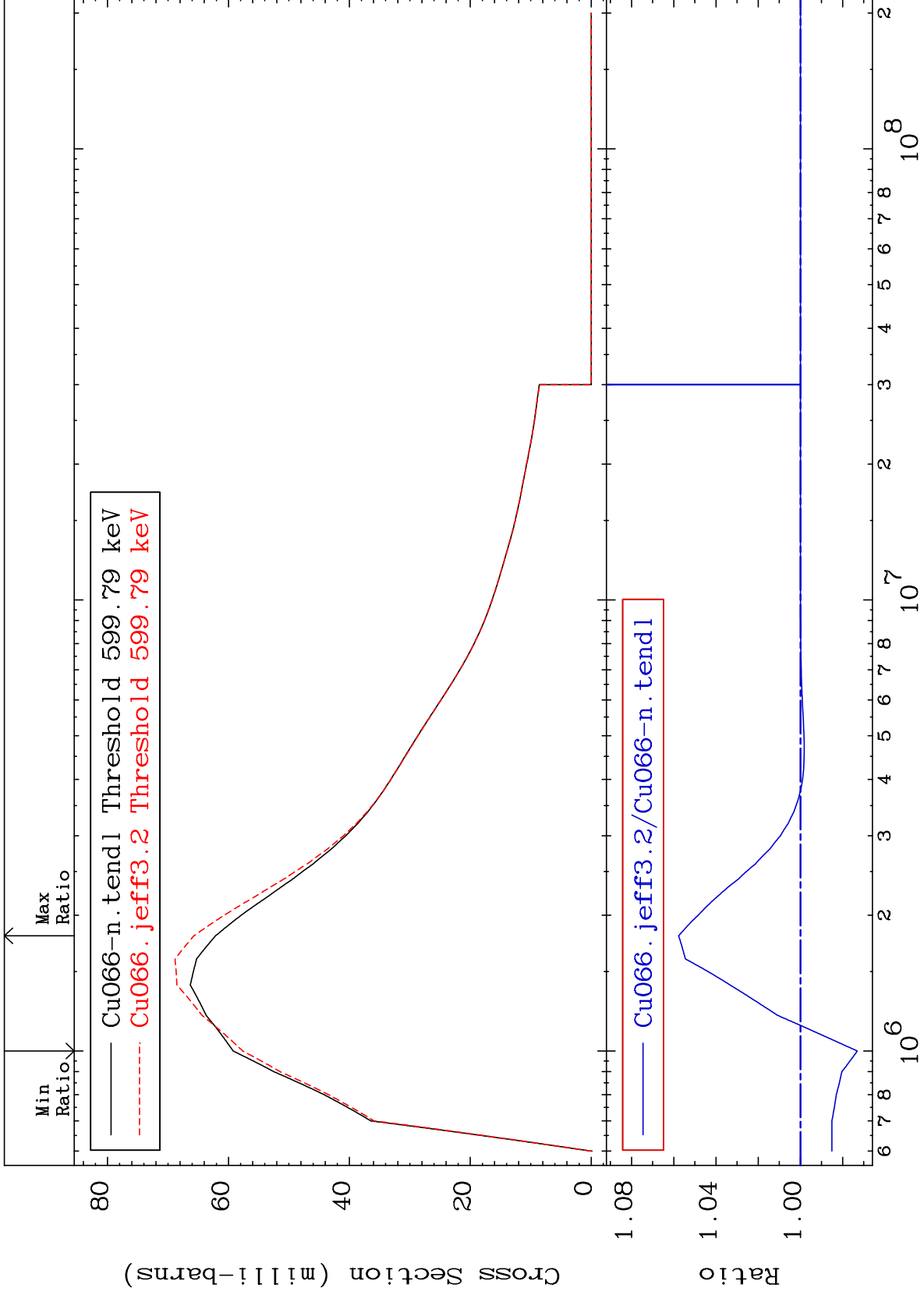
29-Cu-66
-8.500 To 0.000 %



MAT 2934

590.8 keV (n,n') Level
Cross Section

29-Cu-66
-2.692 To 5.768 %



25

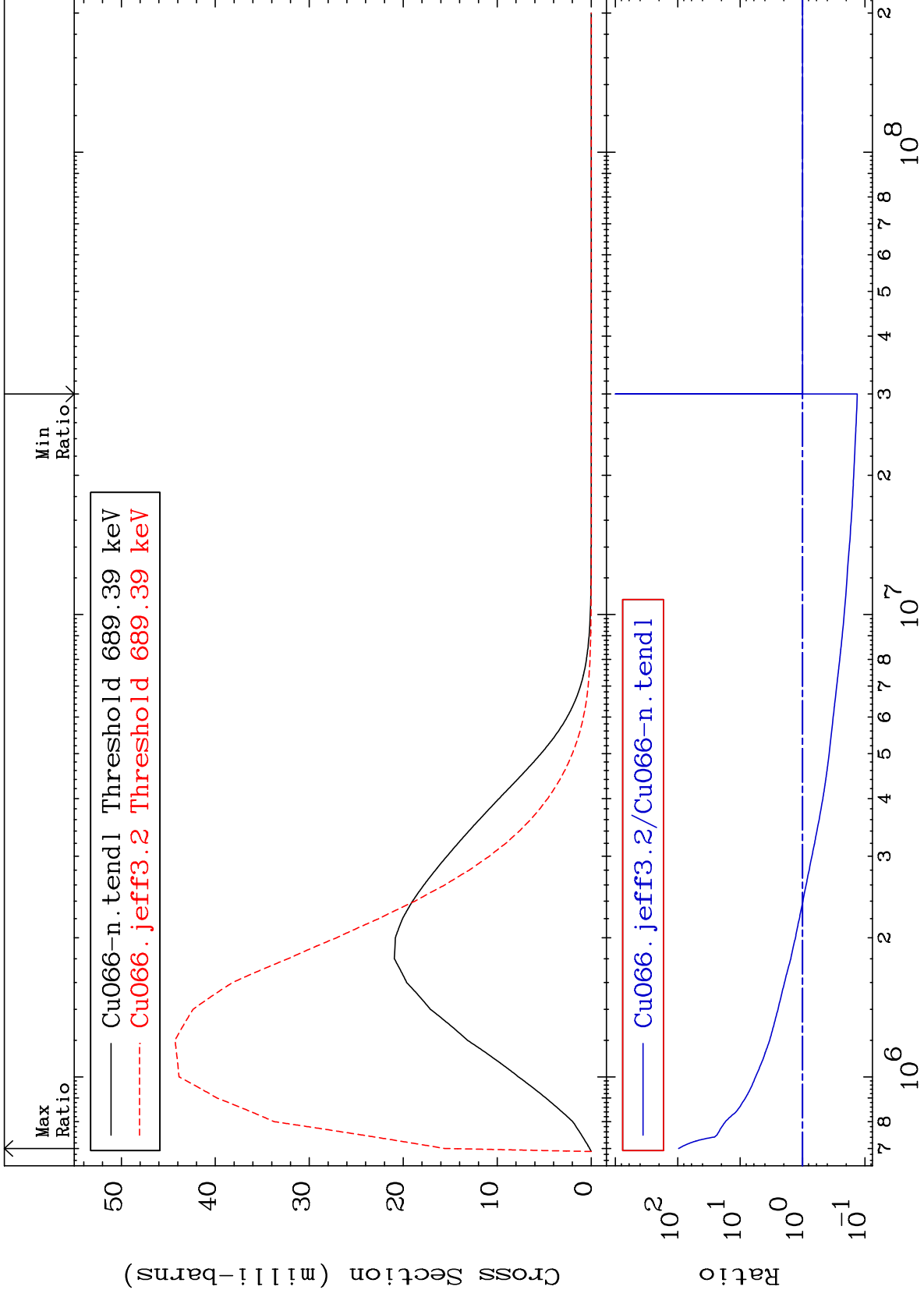
Incident Energy (eV)

29-Cu-66

MAT 2934

679.0 keV (n,n') Level
Cross Section

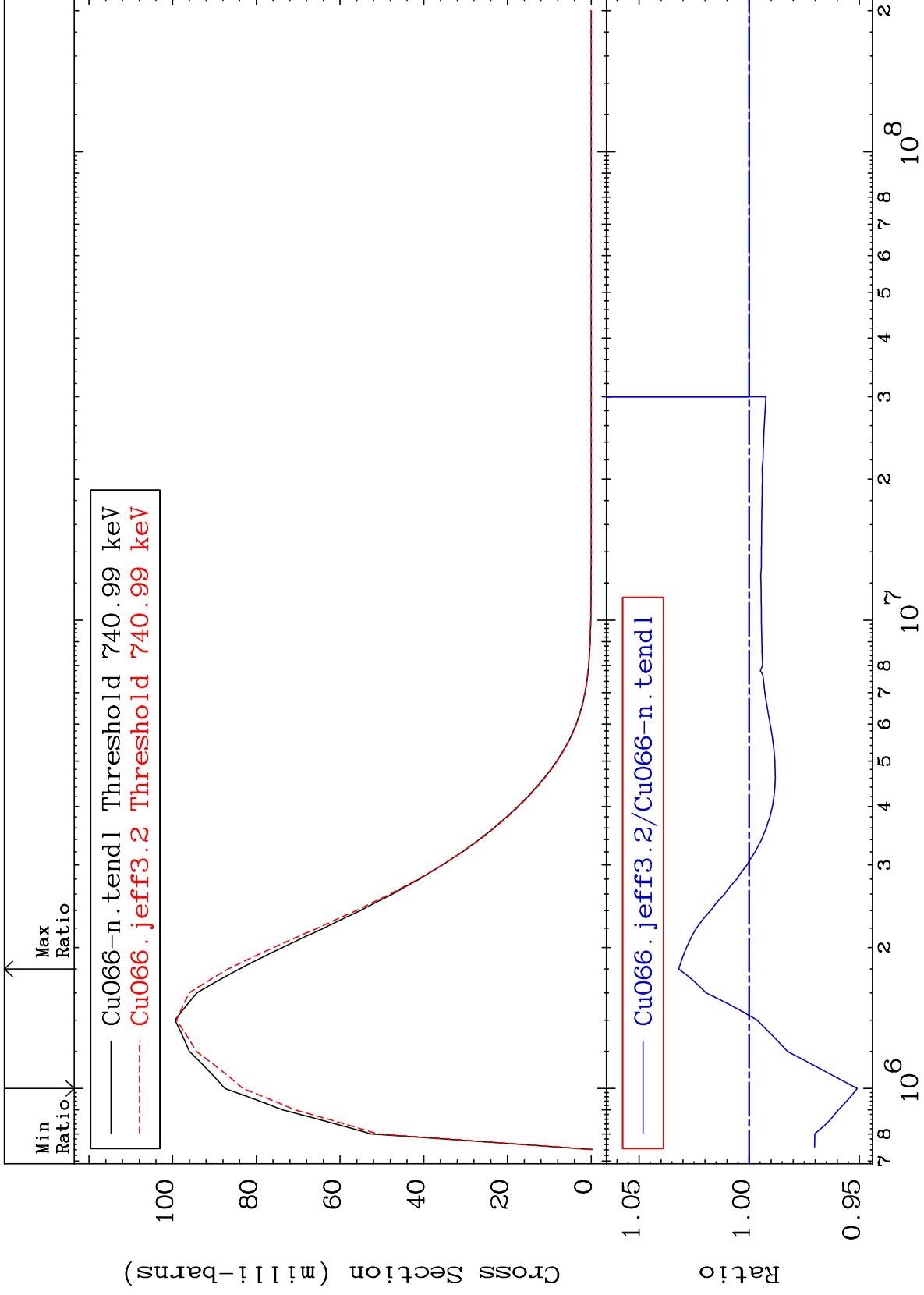
29-Cu-66
-86.71 To 9570. %



MAT 2934

729.8 keV (n,n') Level
Cross Section

29-Cu-66
-4.909 To 3.200 %



27

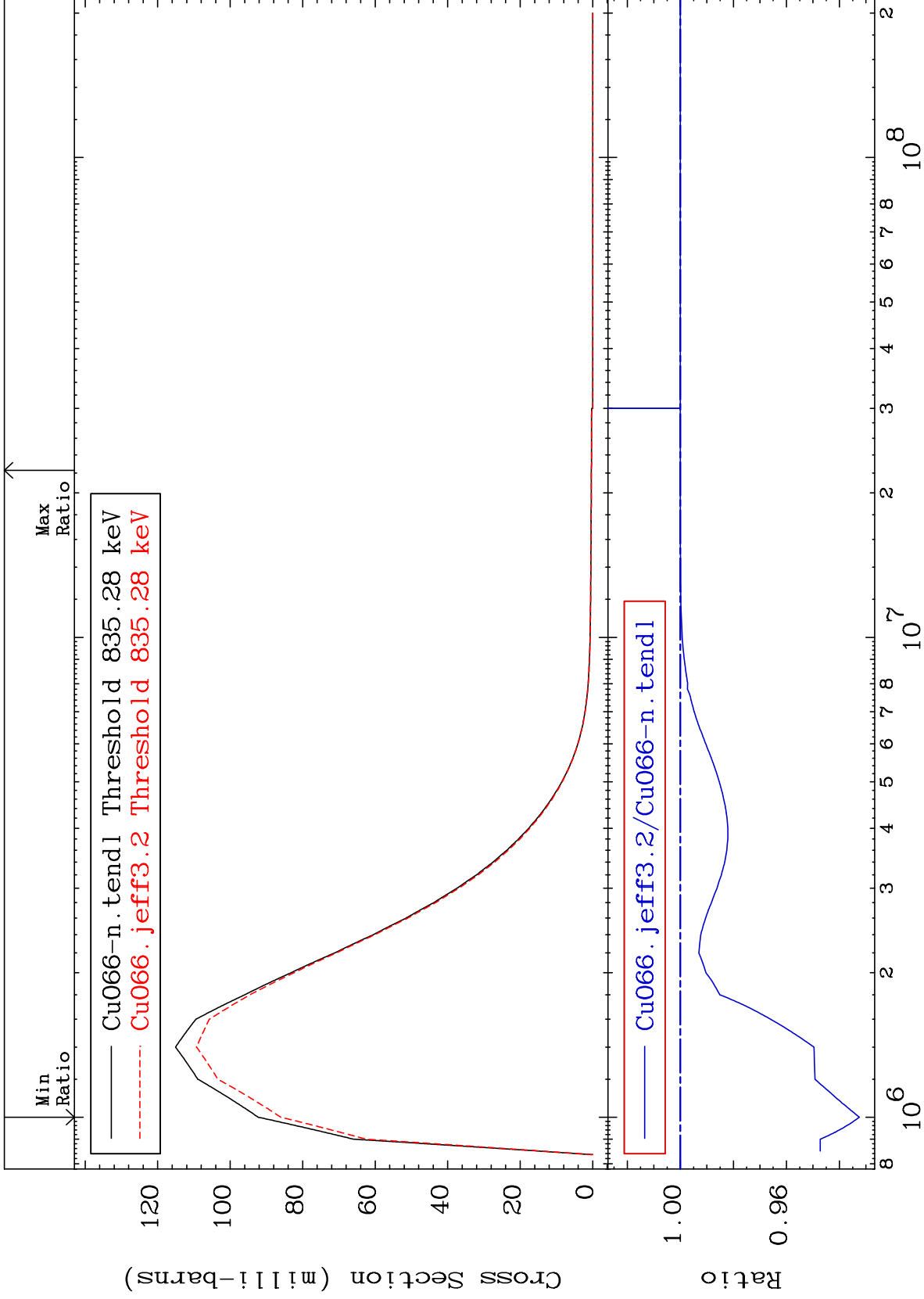
Incident Energy (eV)

29-Cu-66

MAT 2934

822.7 keV (n,n') Level
Cross Section

29-Cu-66
-6.753 To 0.000 %



28

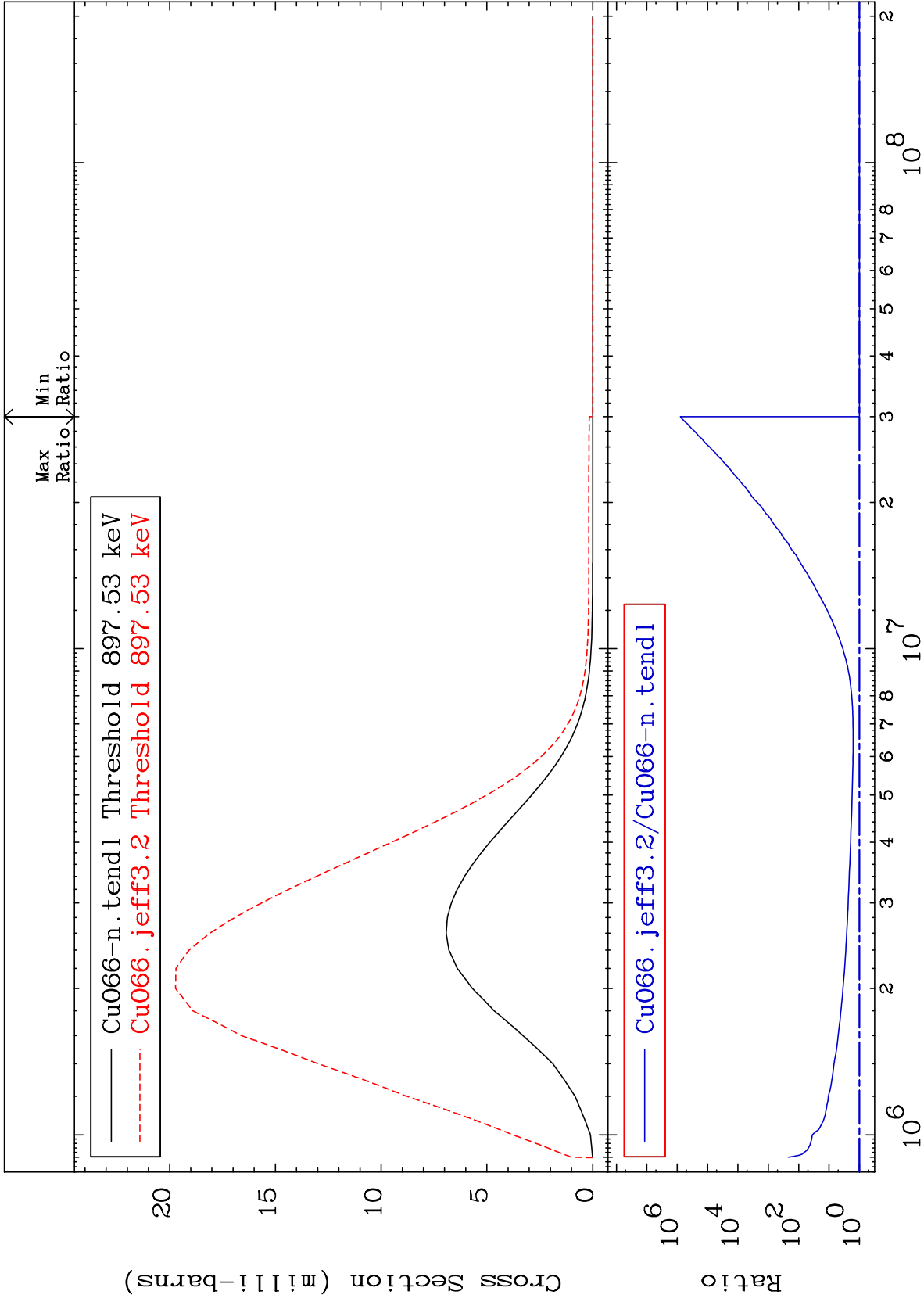
Incident Energy (eV)

29-Cu-66

MAT 2934

884.0 keV (n,n') Level
Cross Section

0.000 To 9999. %
29-Cu-66



29

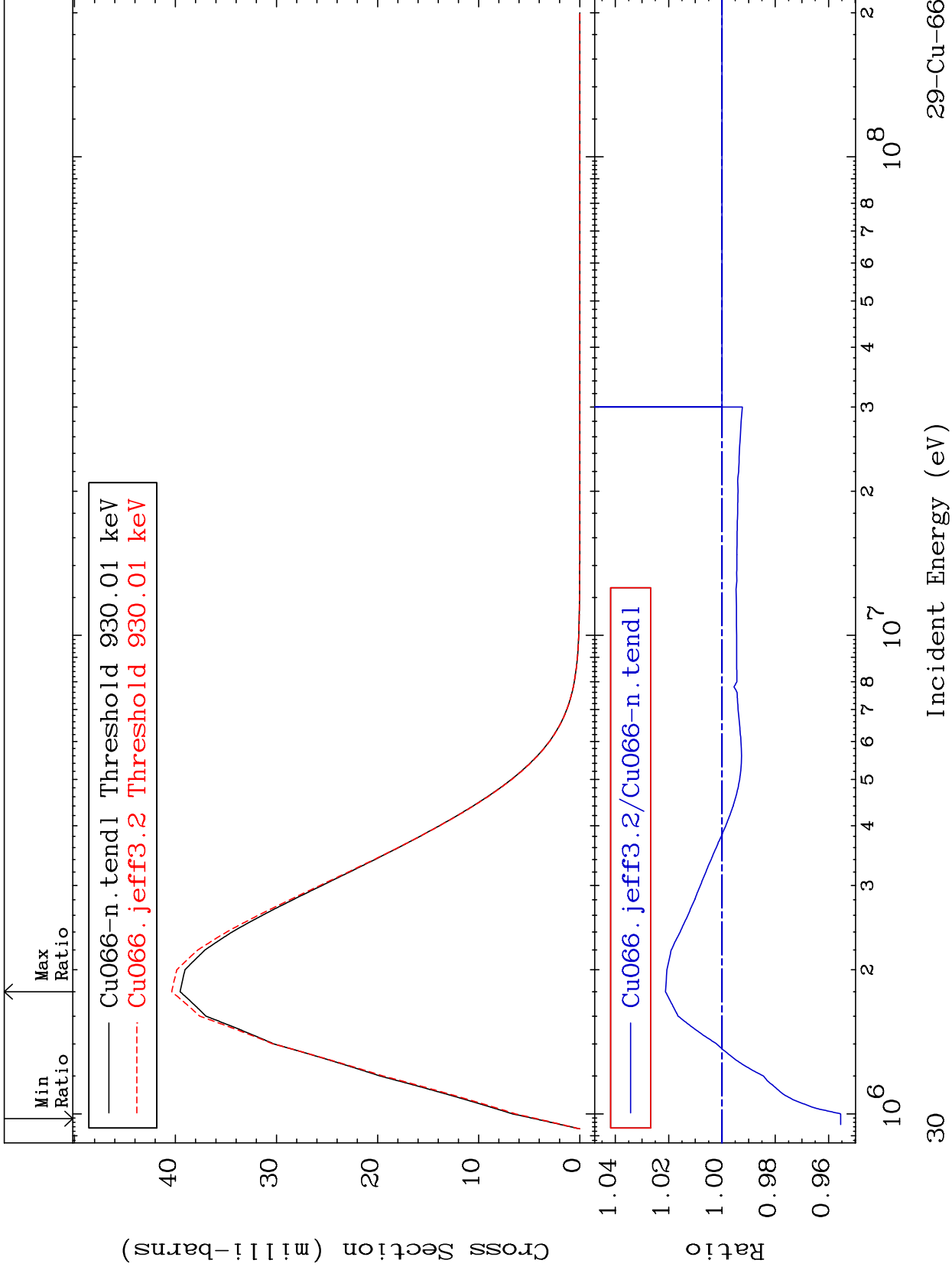
Incident Energy (eV)

29-Cu-66

MAT 2934

916.0 keV (n,n') Level
Cross Section

29-Cu-66
-4.455 To 2.117 %



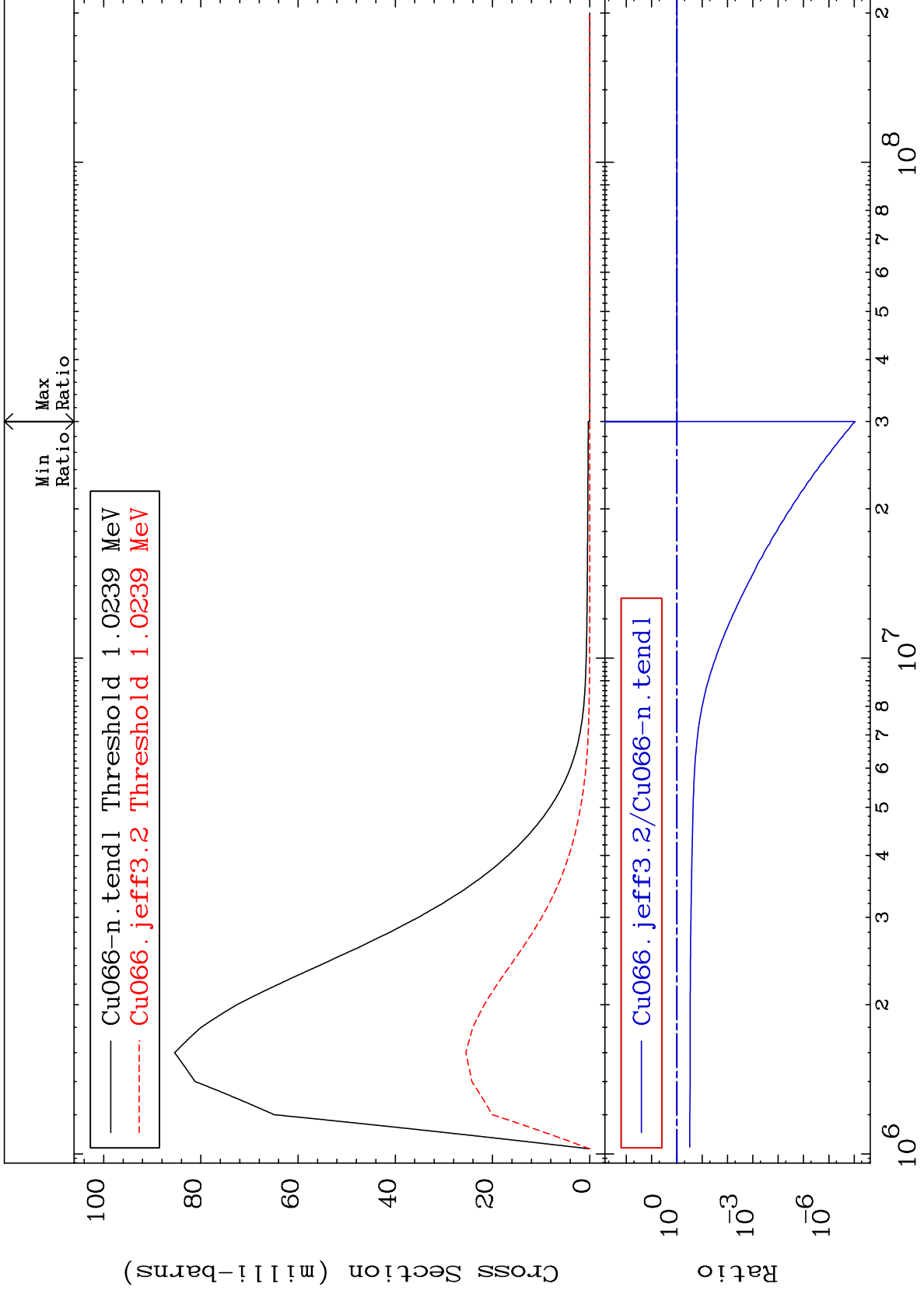
29-Cu-66

Incident Energy (eV)

MAT 2934

1.008 MeV (n,n') Level
Cross Section

29-Cu-66
-100.0 To 0.000 %



31

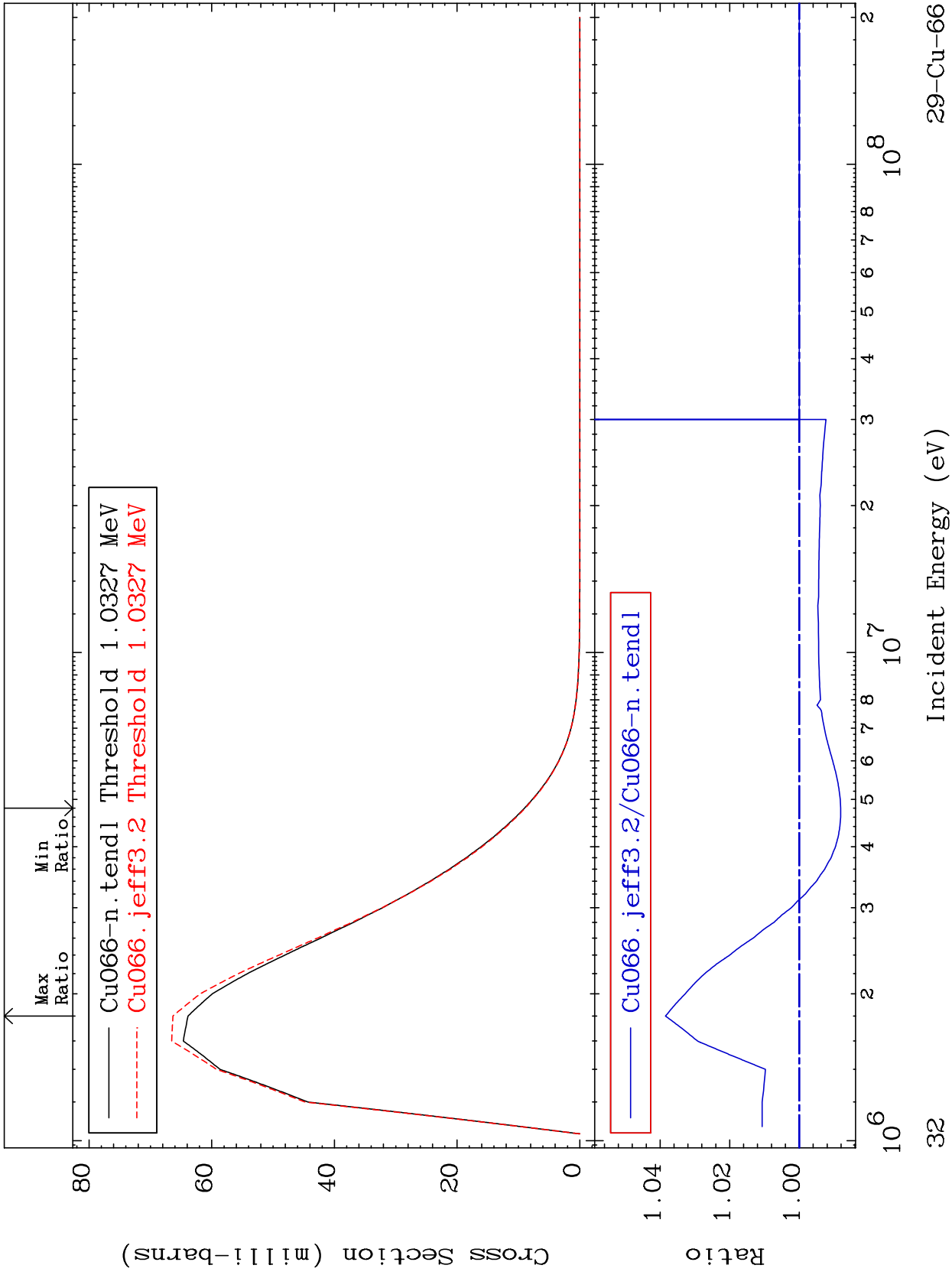
Incident Energy (eV)

29-Cu-66

MAT 2934

1.017 MeV (n,n') Level
Cross Section

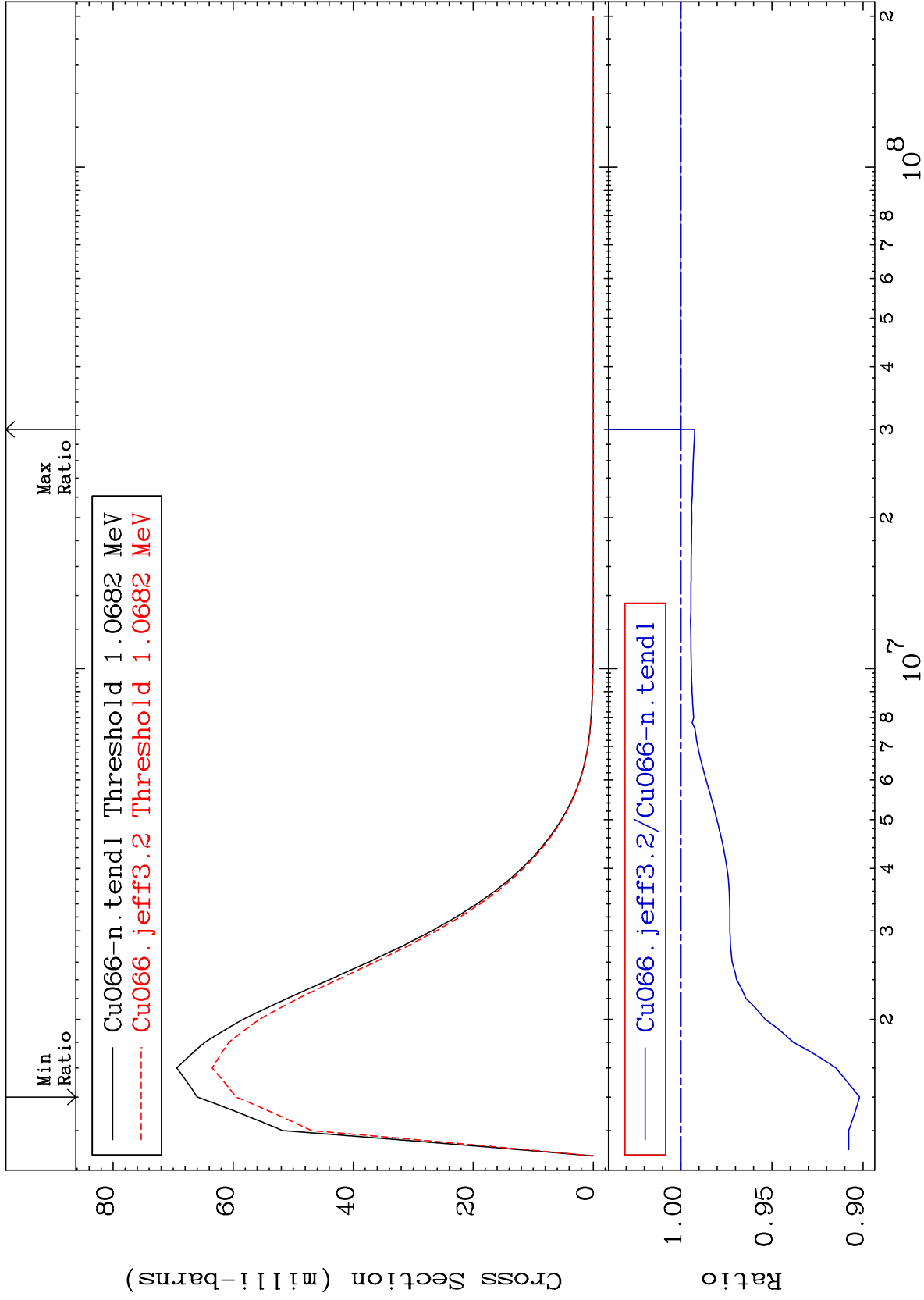
29-Cu-66
-1.189 To 3.845 %



32

29-Cu-66

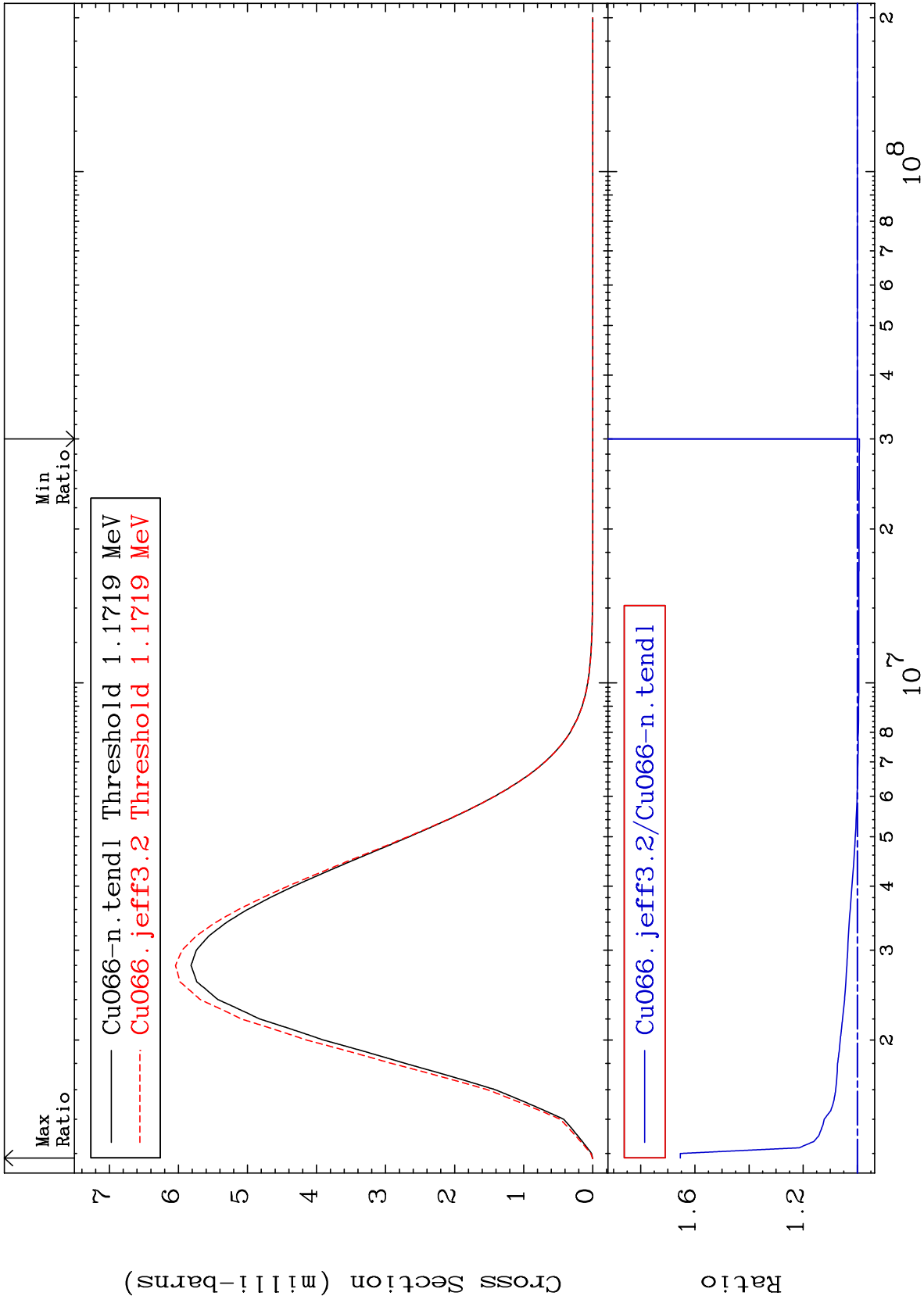
MAT 2934 1.052 MeV (n,n') Level 29-Cu-66
 Cross Section -9.809 To 0.000 %



MAT 2934

1.154 MeV (n,n') Level
Cross Section

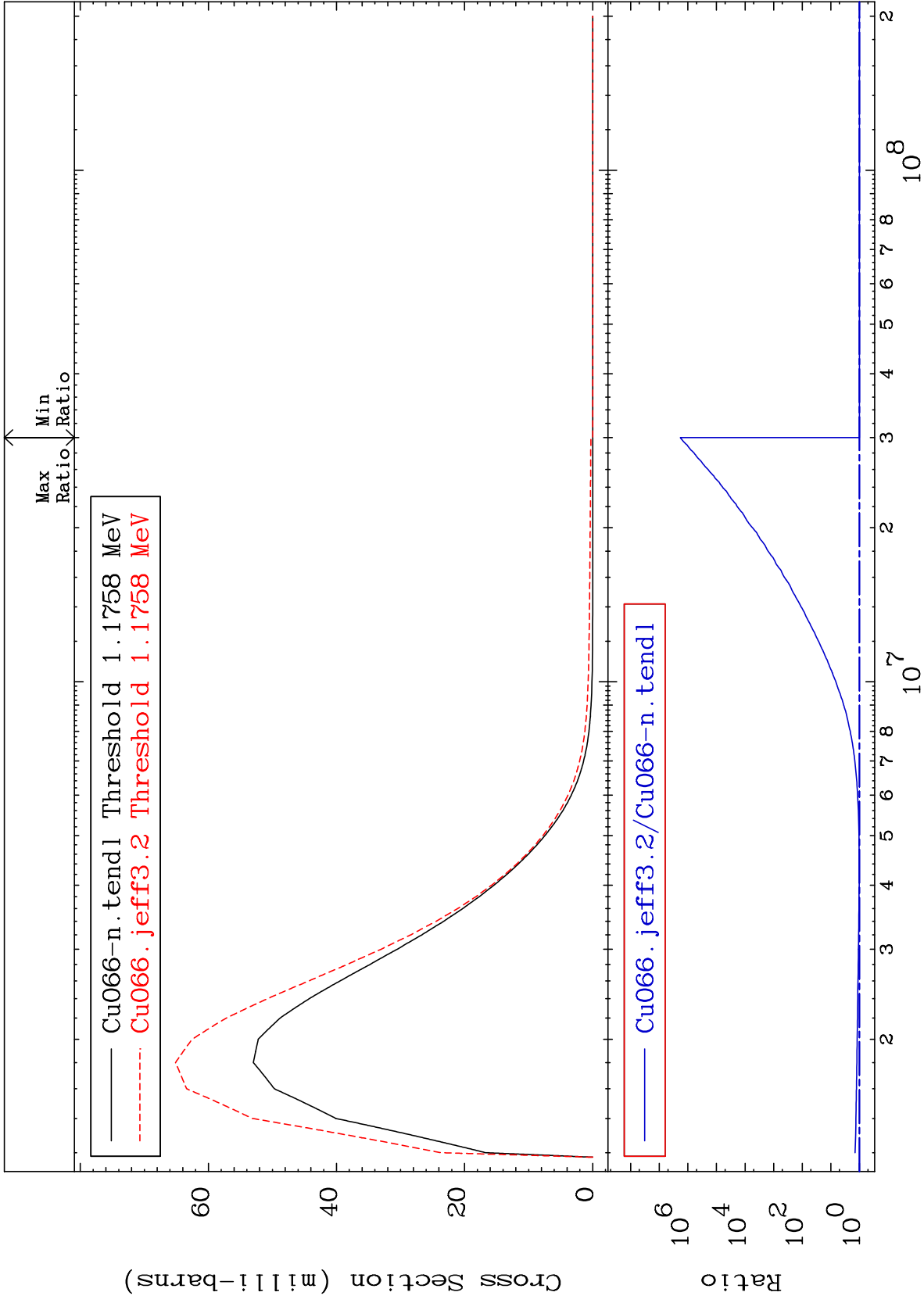
29-Cu-66
-0.764 To 65.36 %



MAT 2934

1.158 MeV (n,n') Level
Cross Section

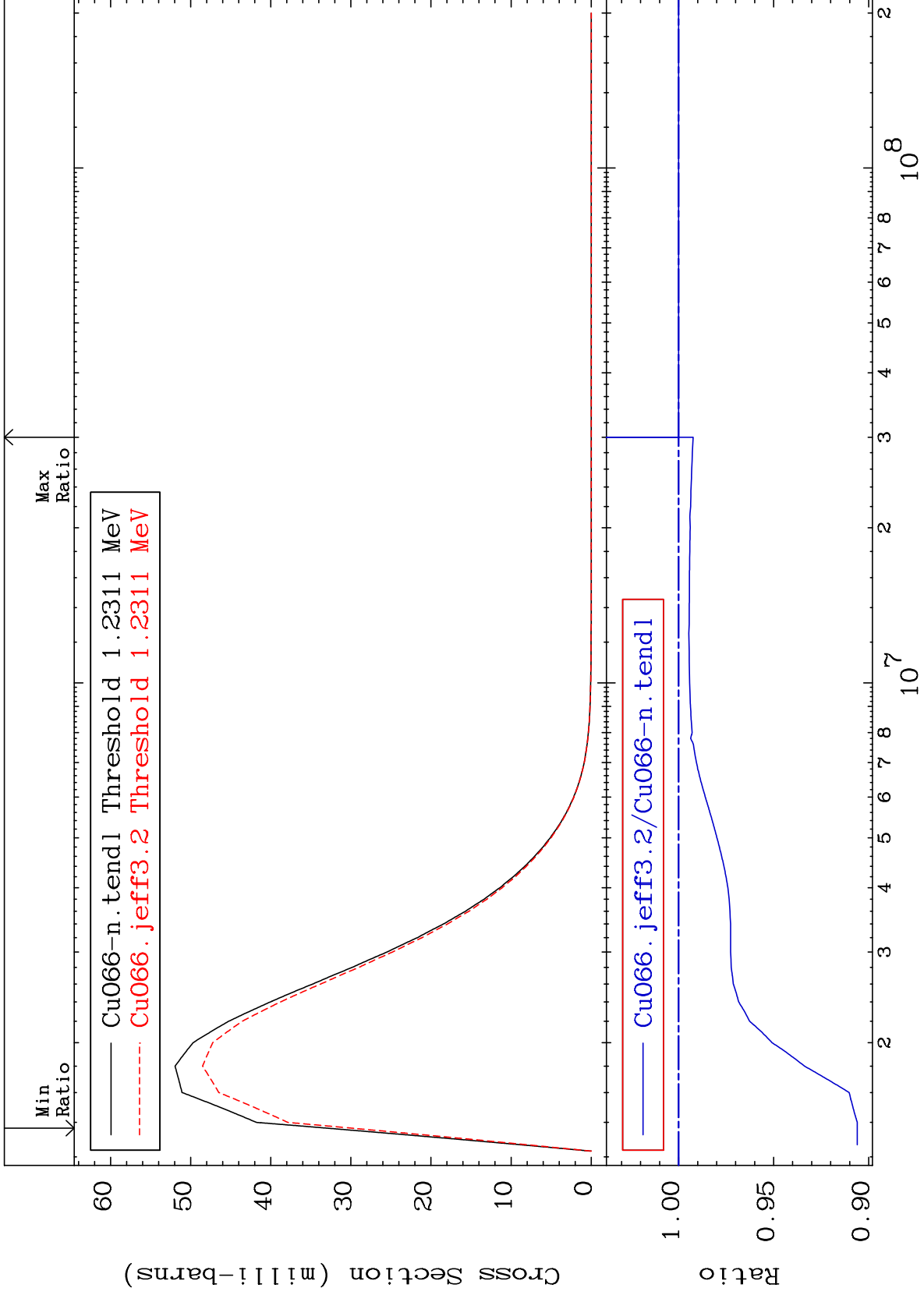
29-Cu-66
0.000 To 9999. %



MAT 2934

1.213 MeV (n,n') Level
Cross Section

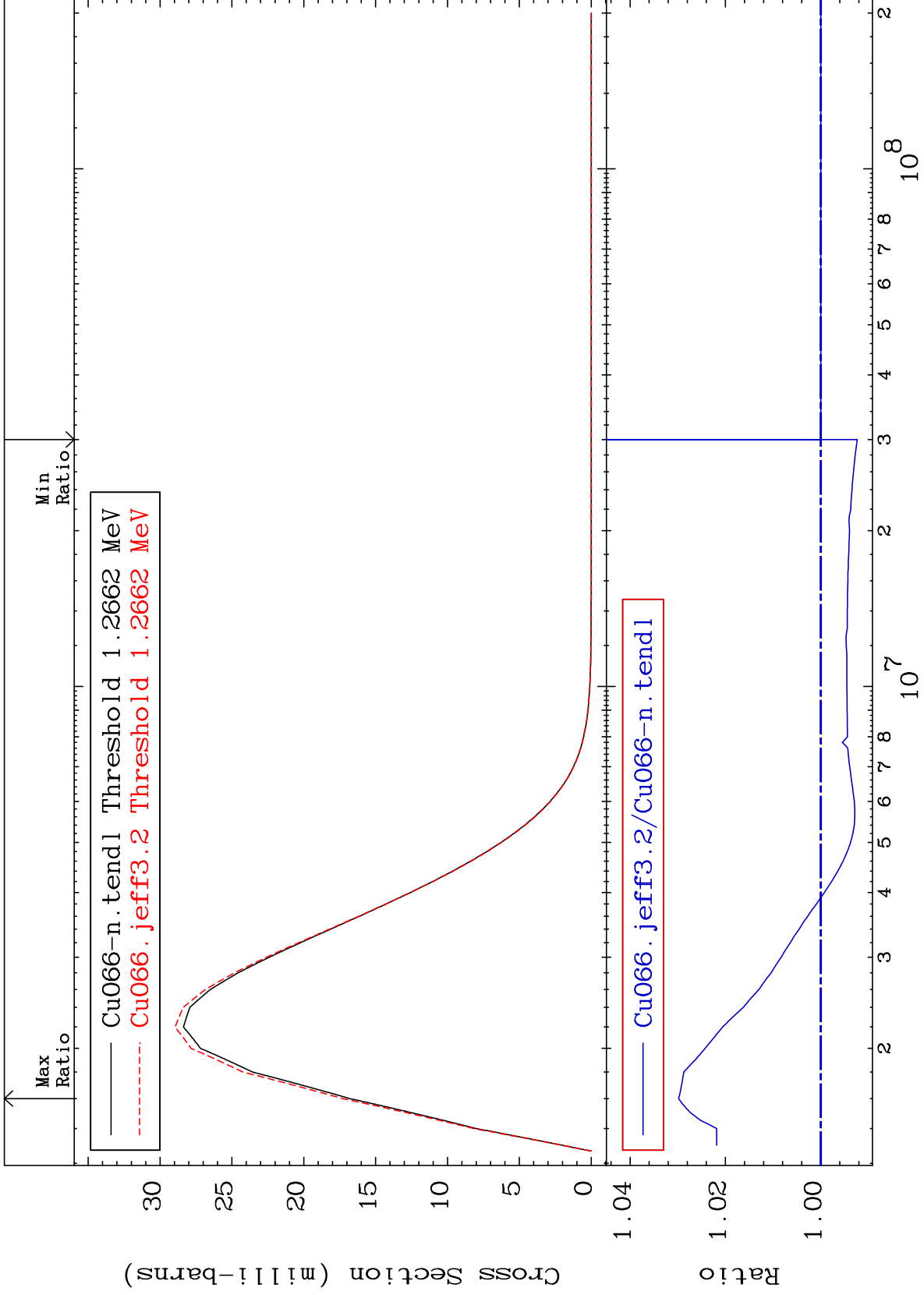
29-Cu-66
-9.399 To 0.000 %



MAT 2934

1.247 MeV (n,n') Level
Cross Section

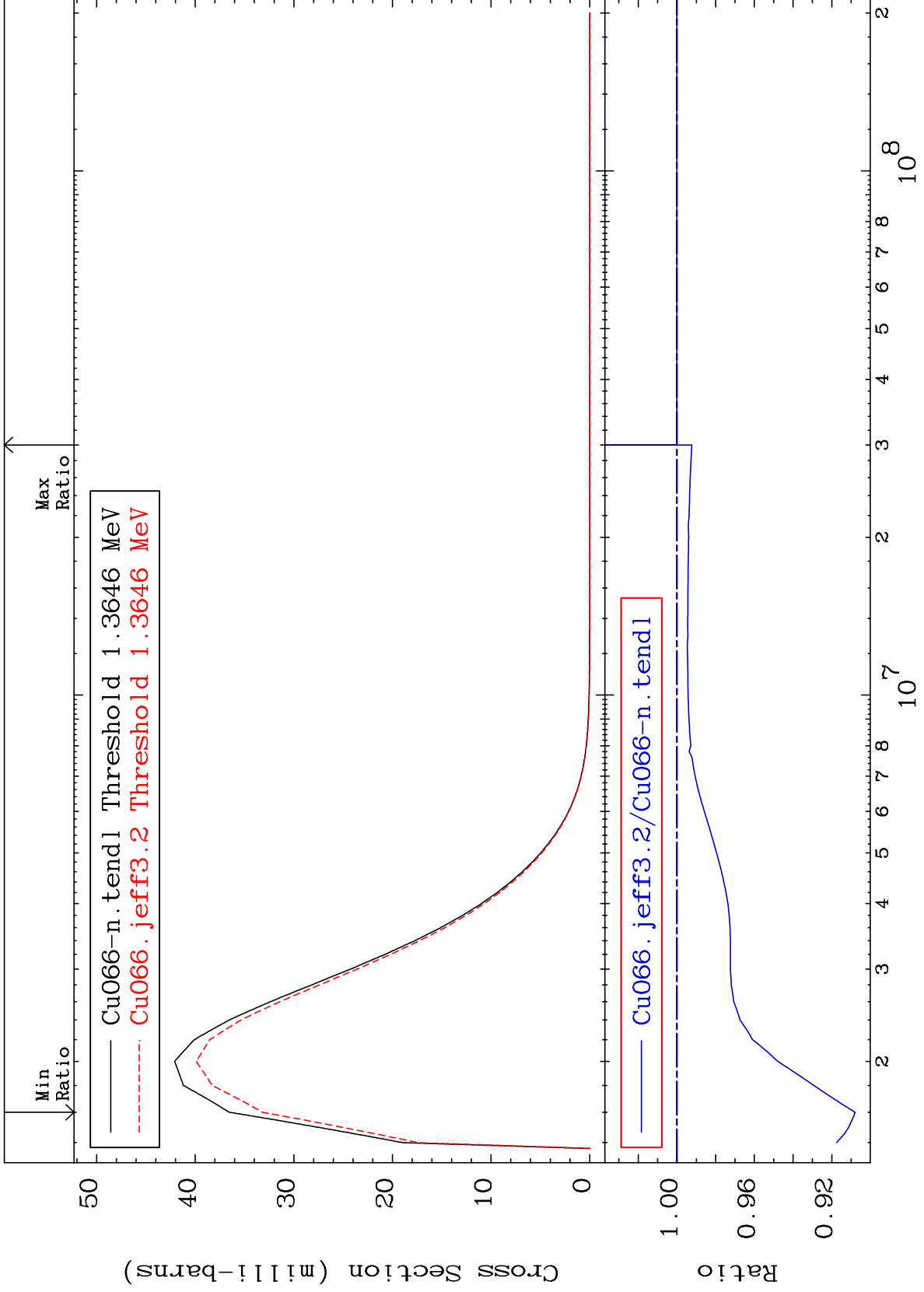
29-Cu-66
-0.766 To 2.981 %



MAT 2934

1.344 MeV (n,n') Level
Cross Section

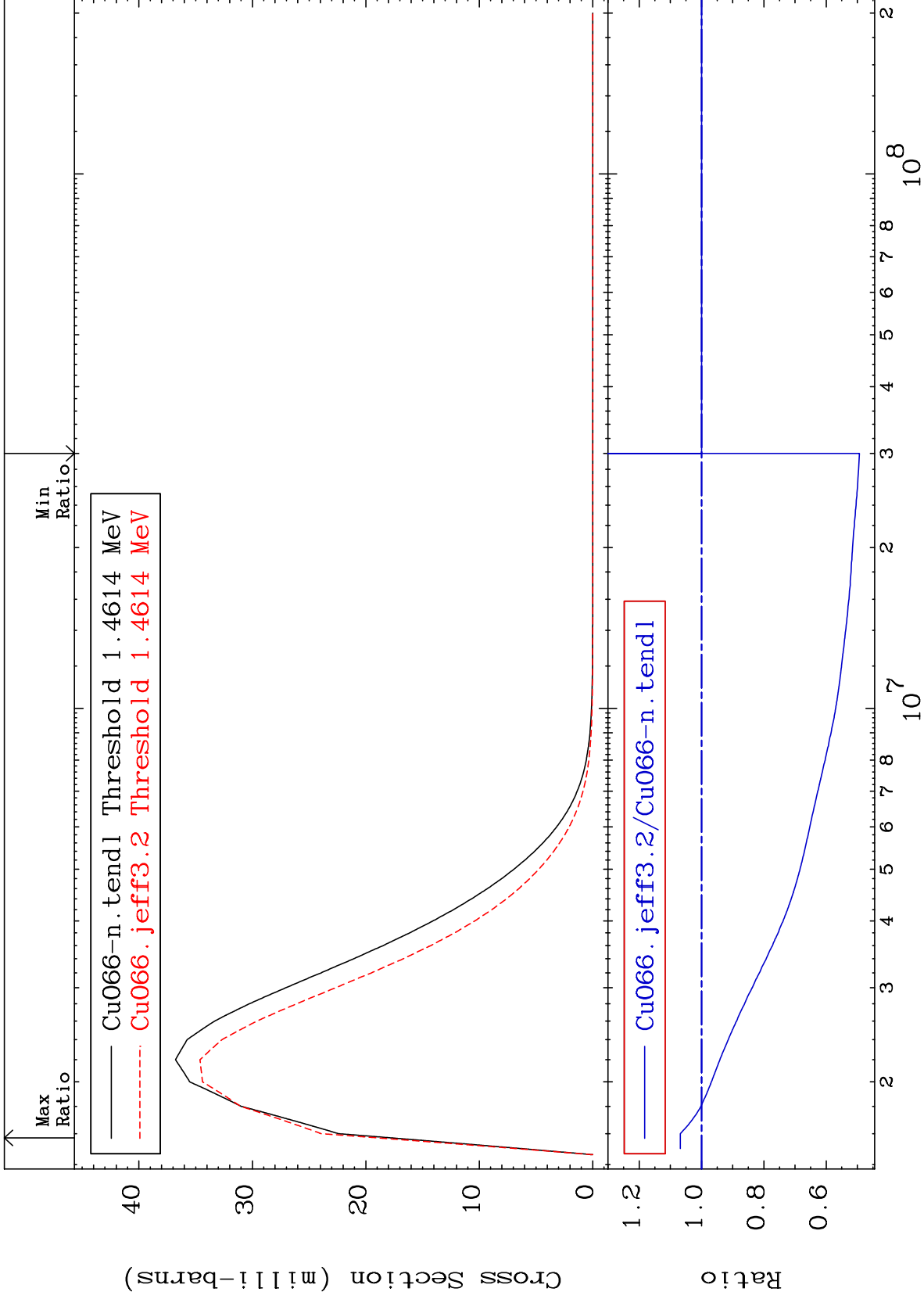
29-Cu-66
-9.204 To 0.000 %



MAT 2934

1.439 MeV (n,n') Level
Cross Section

29-Cu-66
-50.66 To 6.800 %



40

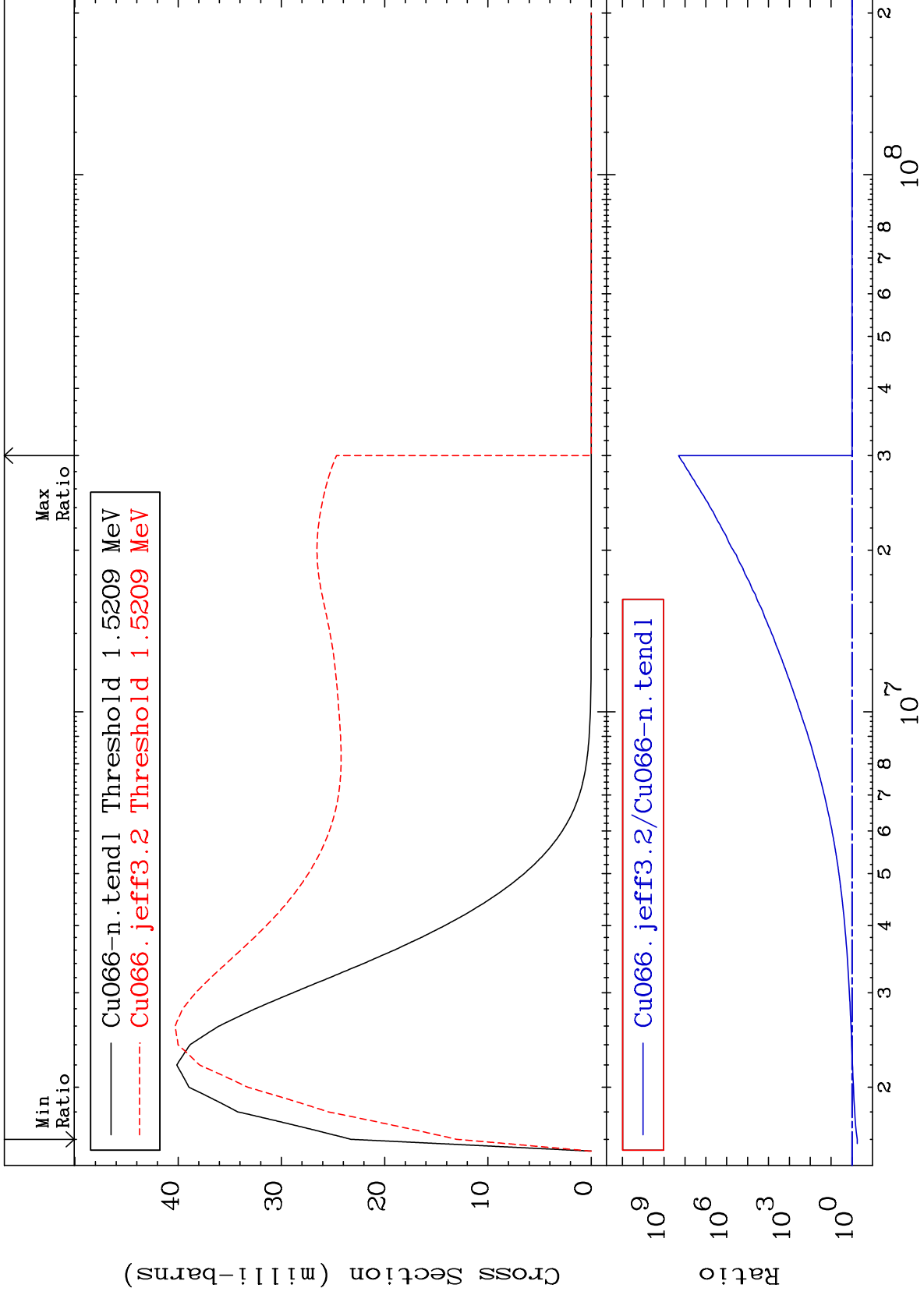
Incident Energy (eV)

29-Cu-66

MAT 2934

1.498 MeV (n,n') Level
Cross Section

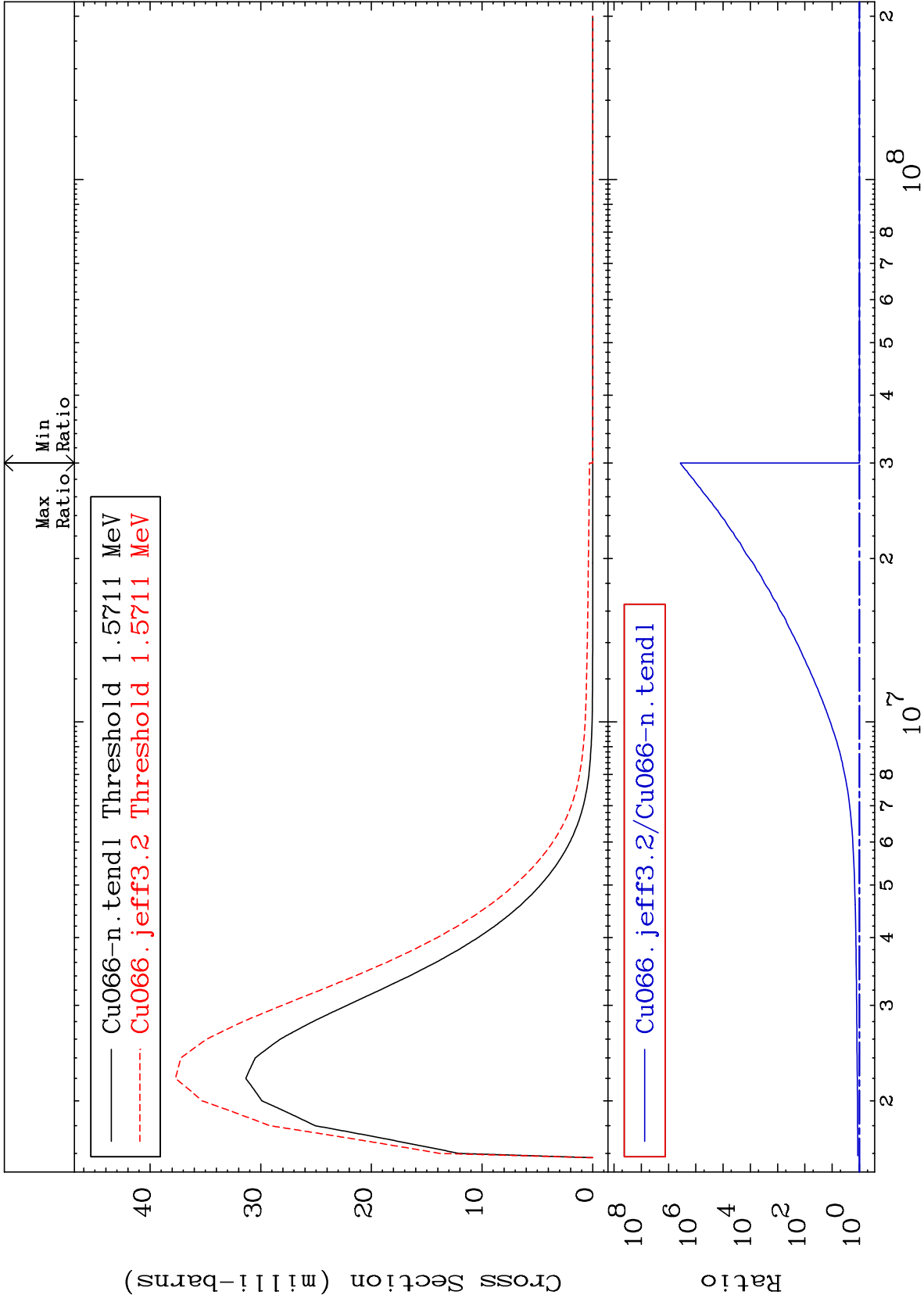
29-Cu-66
-44.09 To 9999. %



MAT 2934

1.547 MeV (n,n') Level
Cross Section

0.000 To 9999. %
29-Cu-66

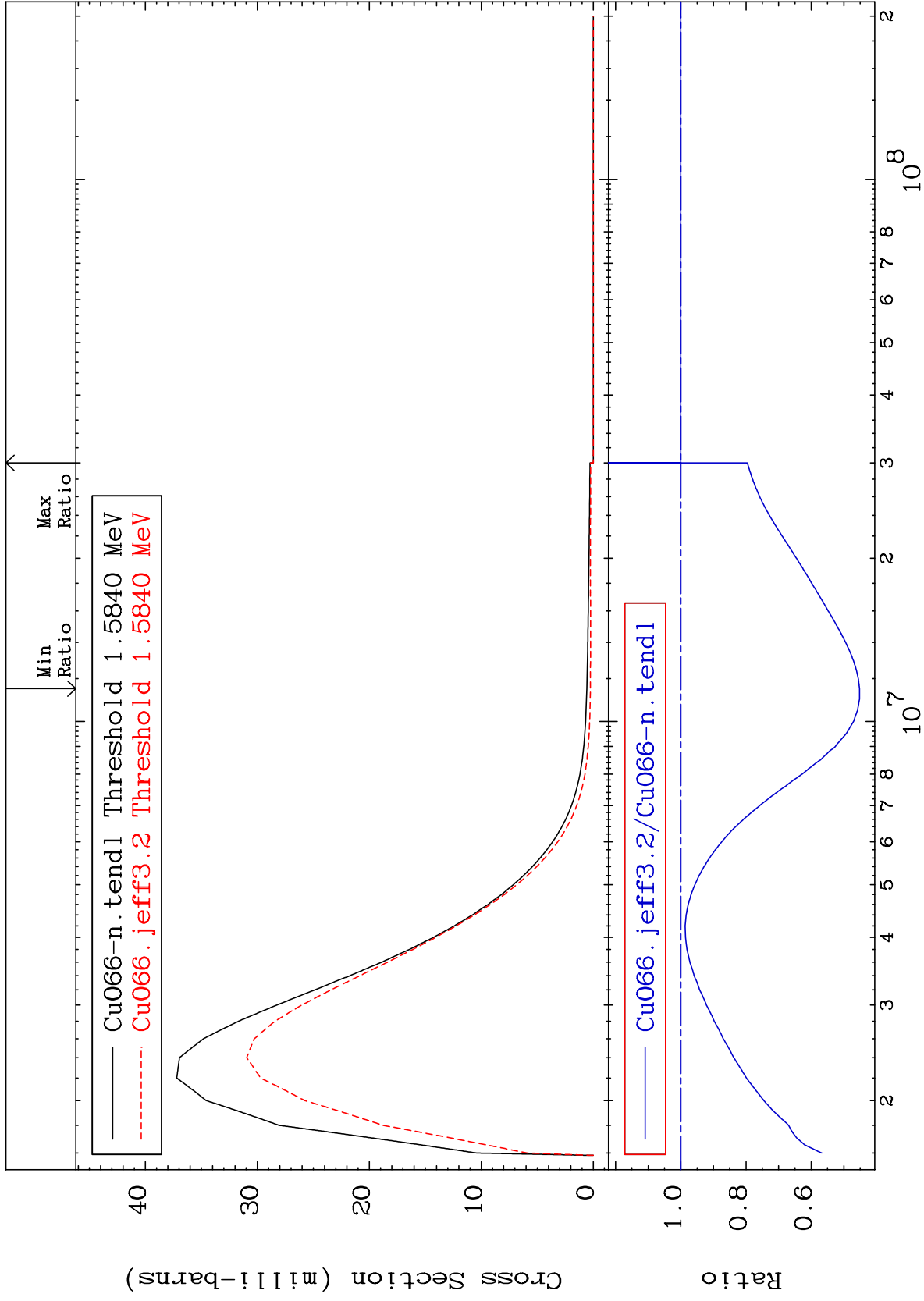


MAT 2934

1.560 MeV (n,n') Level

²⁹-Cu-66

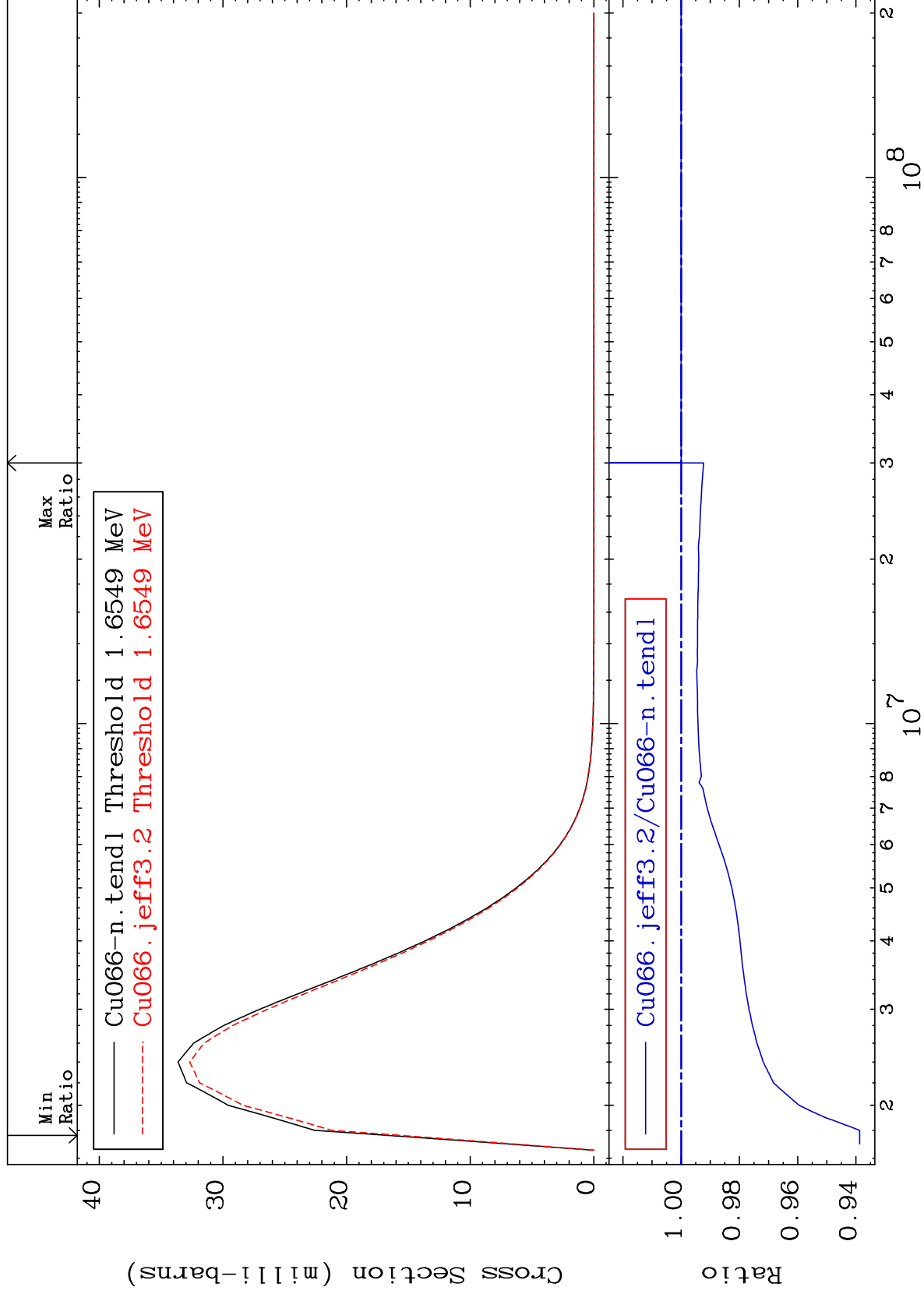
-54.80 To 0.000 %



MAT 2934

1.630 MeV (n,n') Level
Cross Section

29-Cu-66
-6.129 To 0.000 %



45

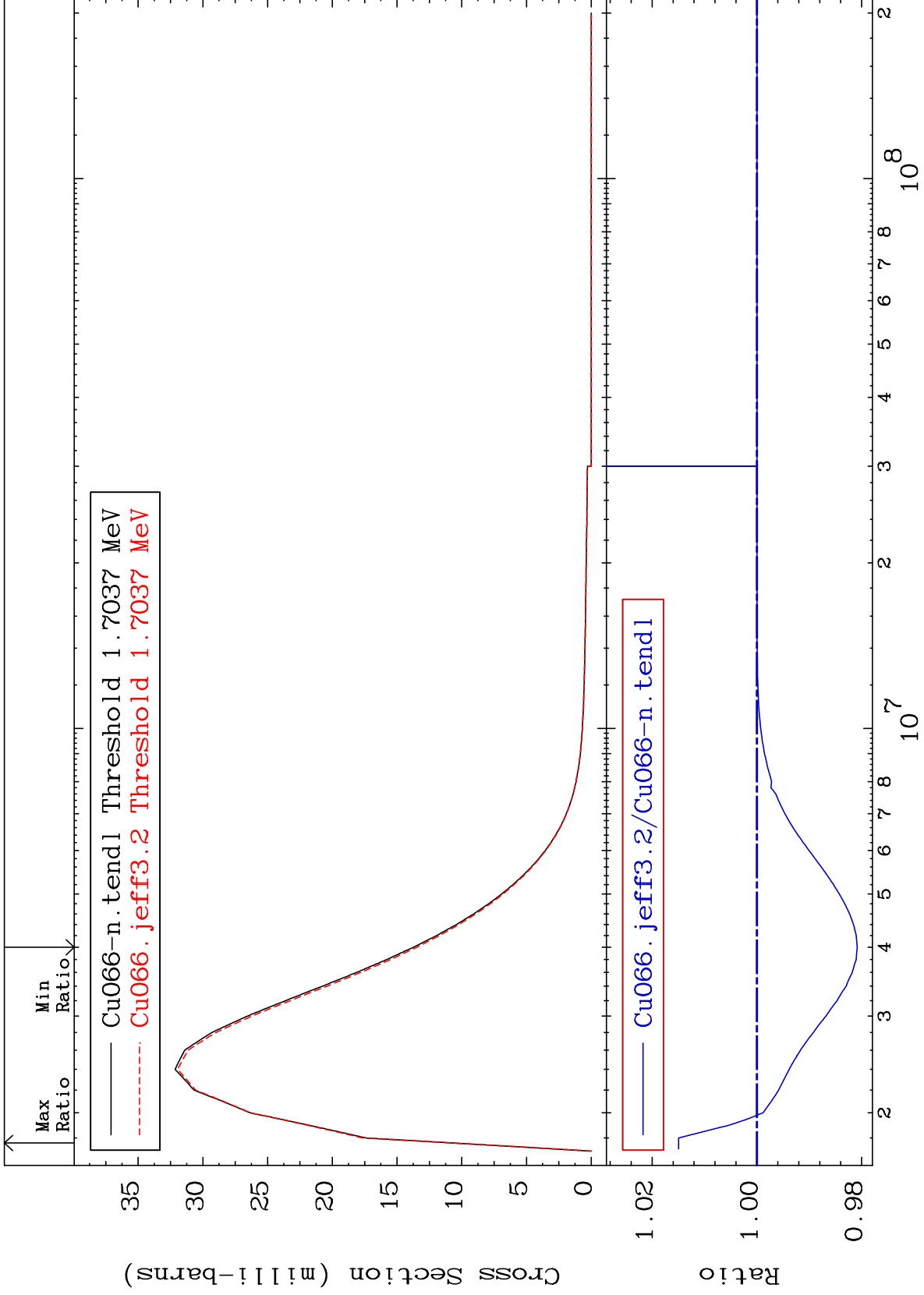
Incident Energy (eV)

29-Cu-66

MAT 2934

1.678 MeV (n,n') Level
Cross Section

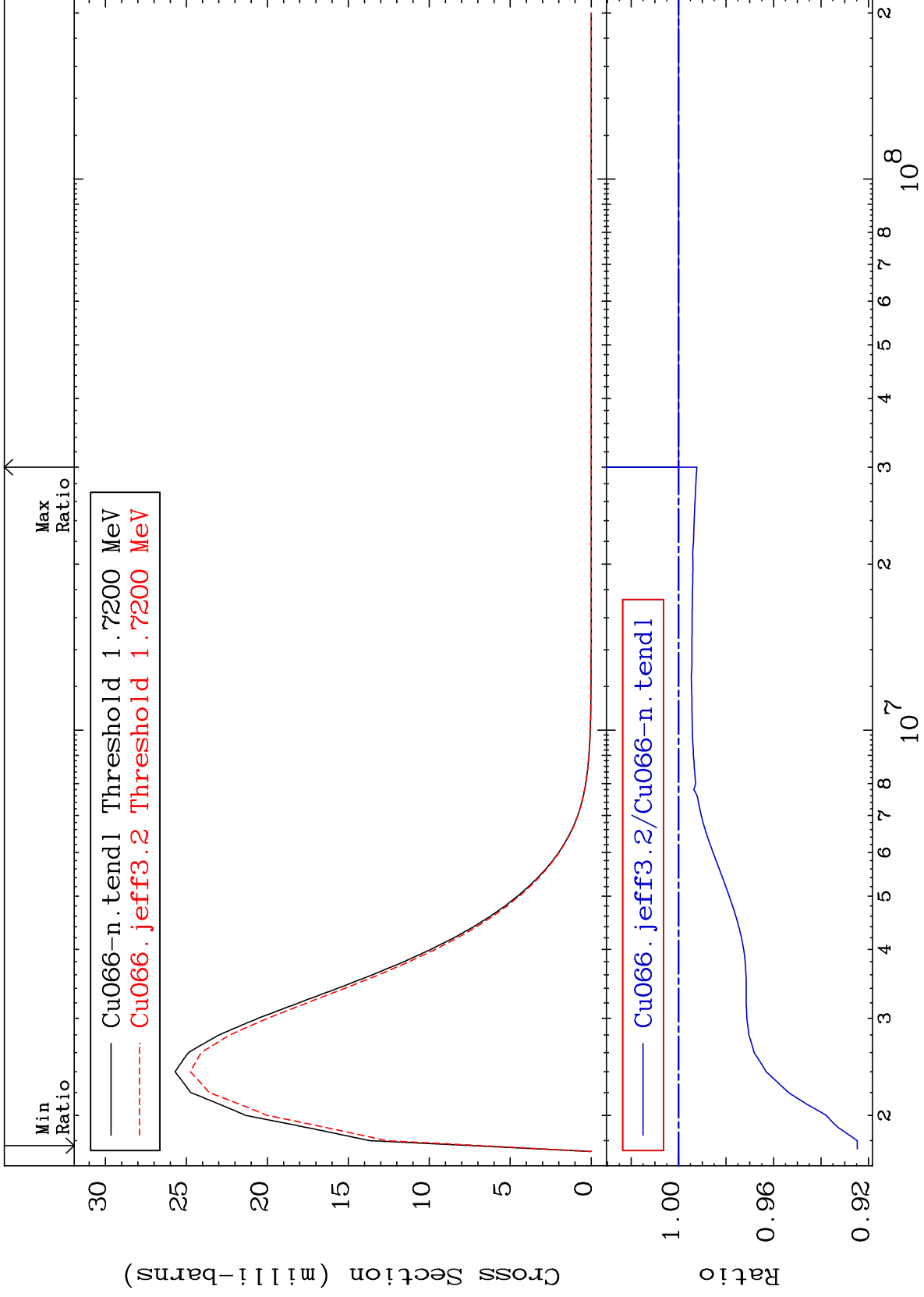
29-Cu-66
-1.916 To 1.494 %



MAT 2934

1.694 MeV (n,n') Level
Cross Section

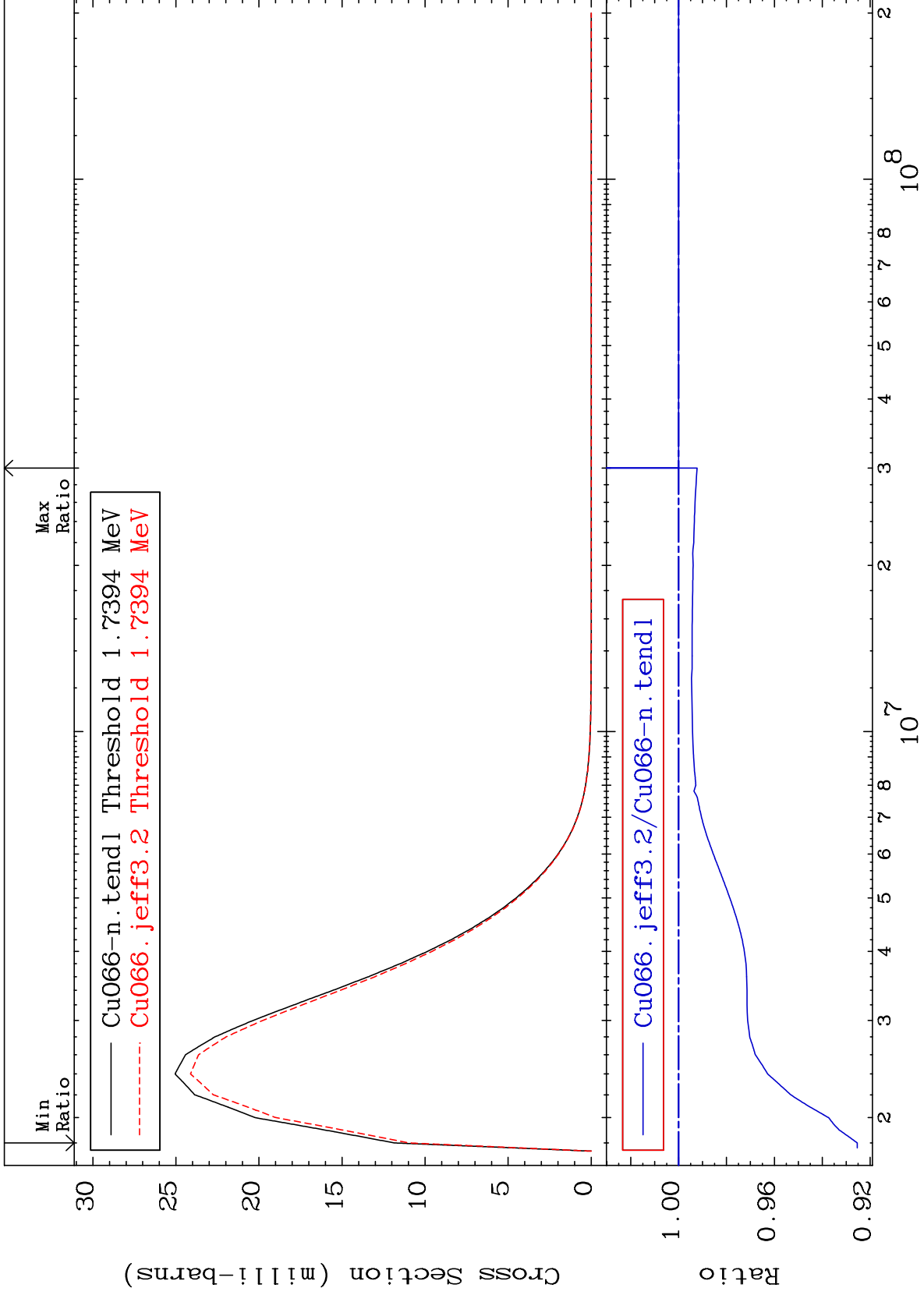
29-Cu-66
-7.528 To 0.000 %



MAT 2934

1.713 MeV (n,n') Level
Cross Section

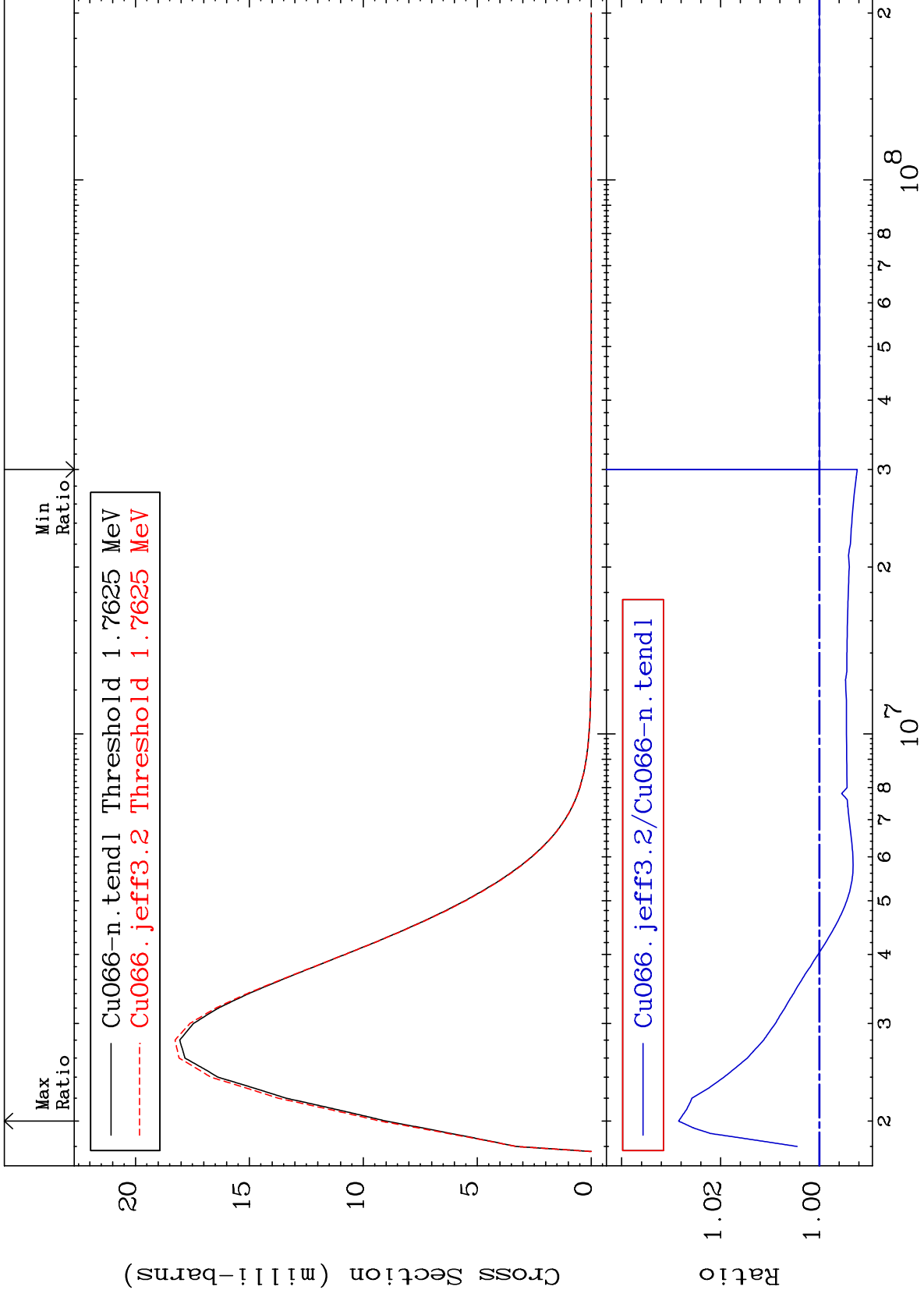
29-Cu-66
-7.462 To 0.000 %



MAT 2934

1.736 MeV (n,n') Level
Cross Section

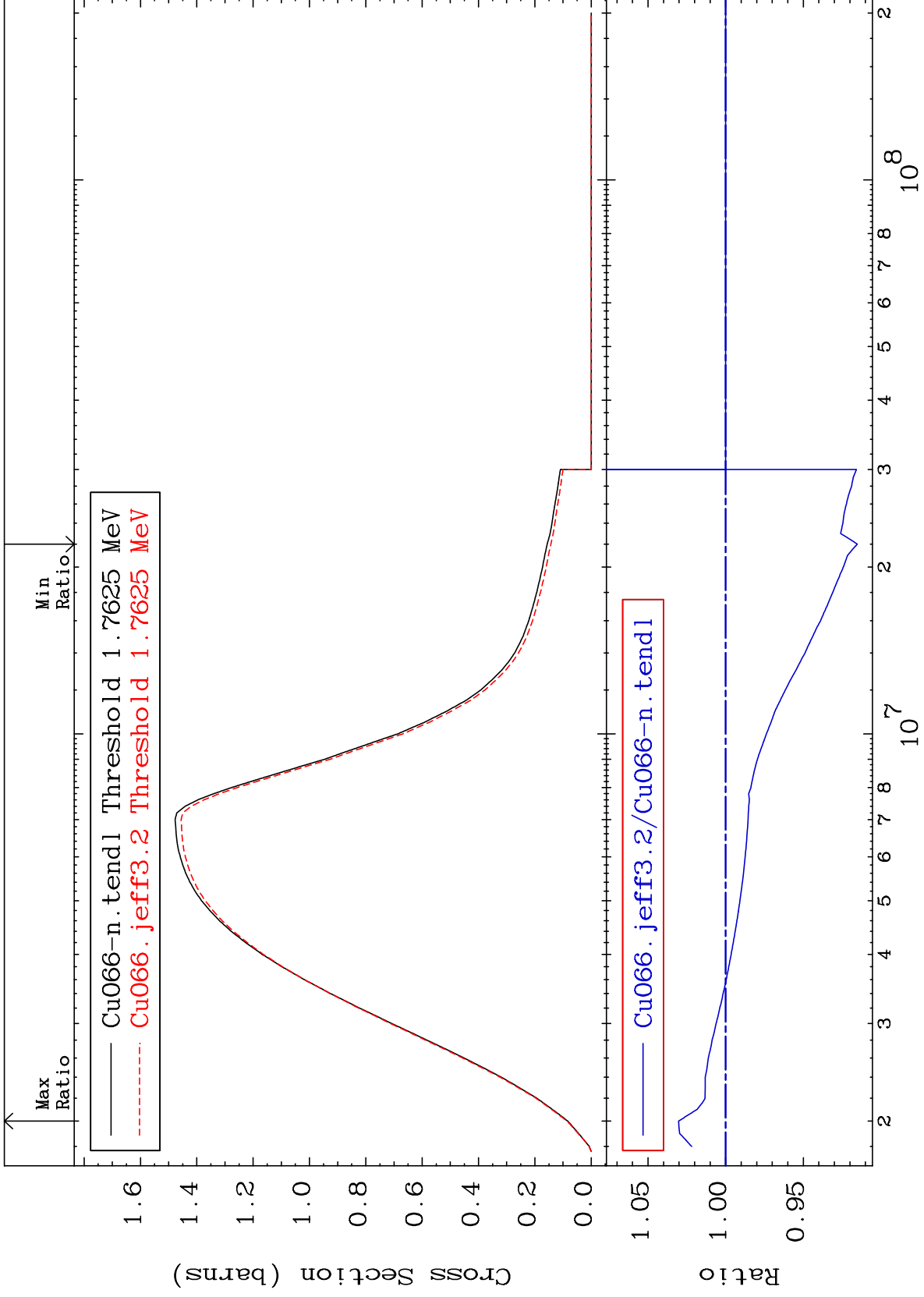
29-Cu-66
-0.766 To 2.848 %



MAT 2934

(n, n') Continuum
Cross Section

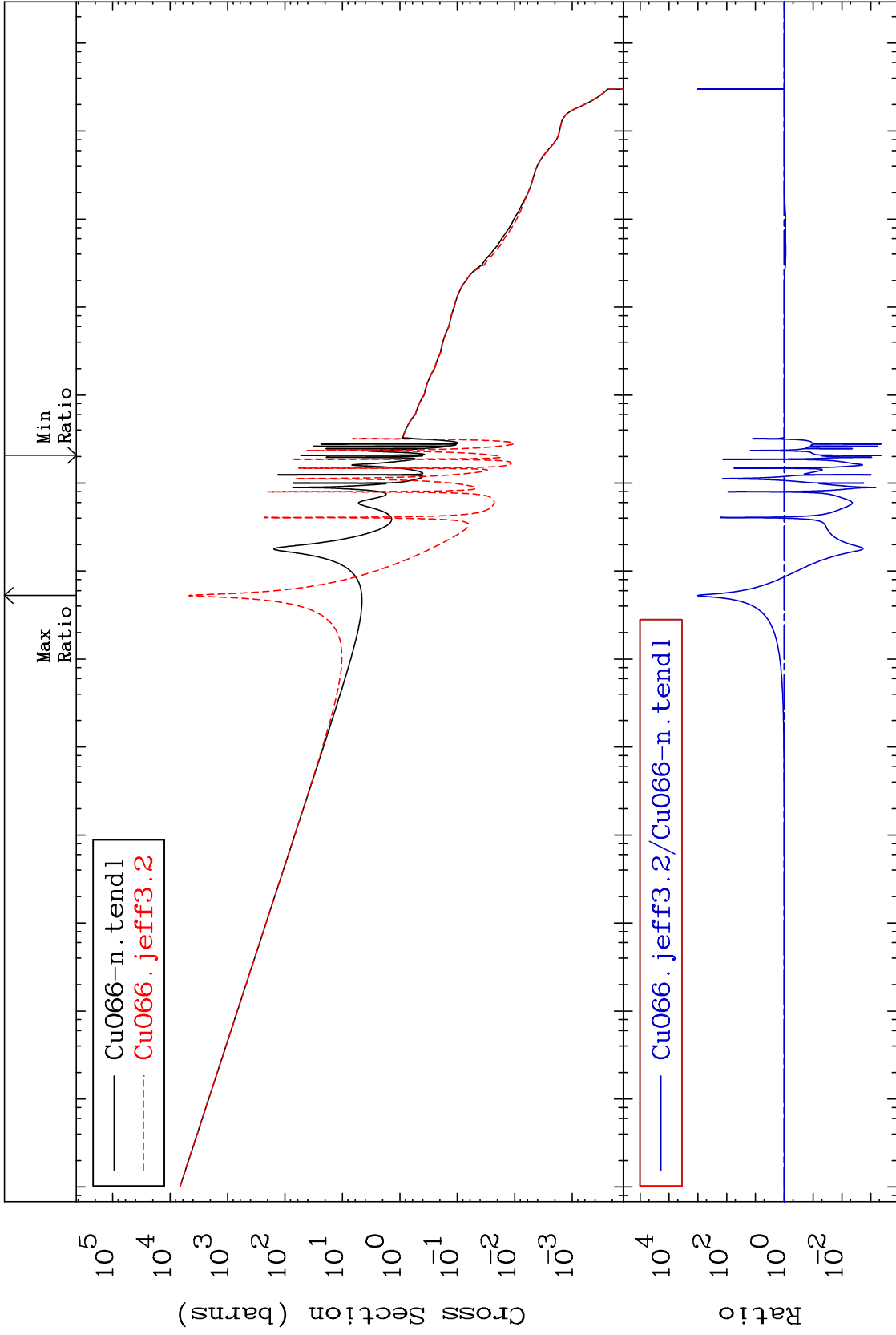
29-Cu-66
-8.474 To 3.027 %



MAT 2934

(n, γ)
Cross Section

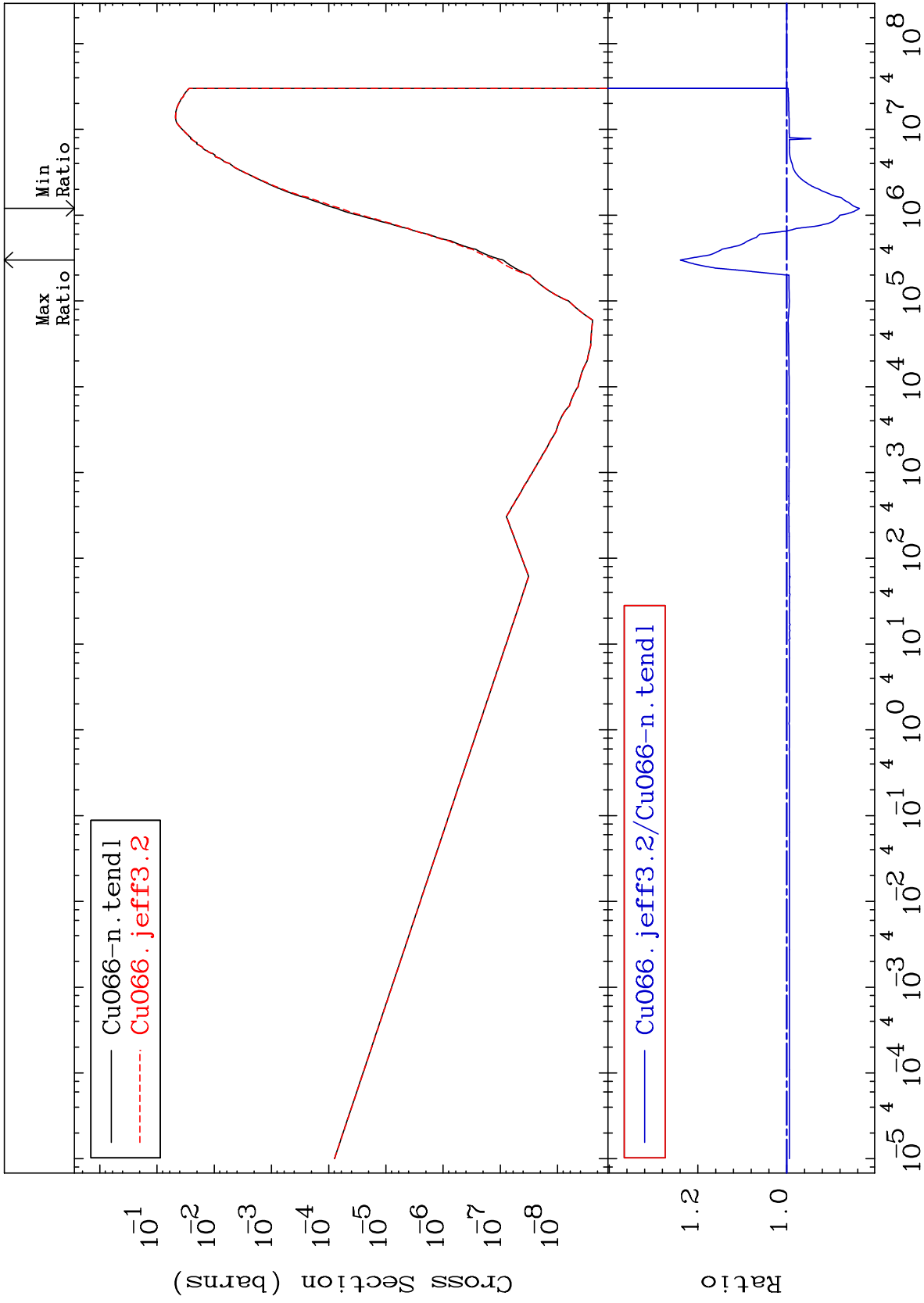
29-Cu-66
-99.96 To 9999. %



MAT 2934

(n,p)
Cross Section

29-Cu-66
-16.37 To 23.96 %



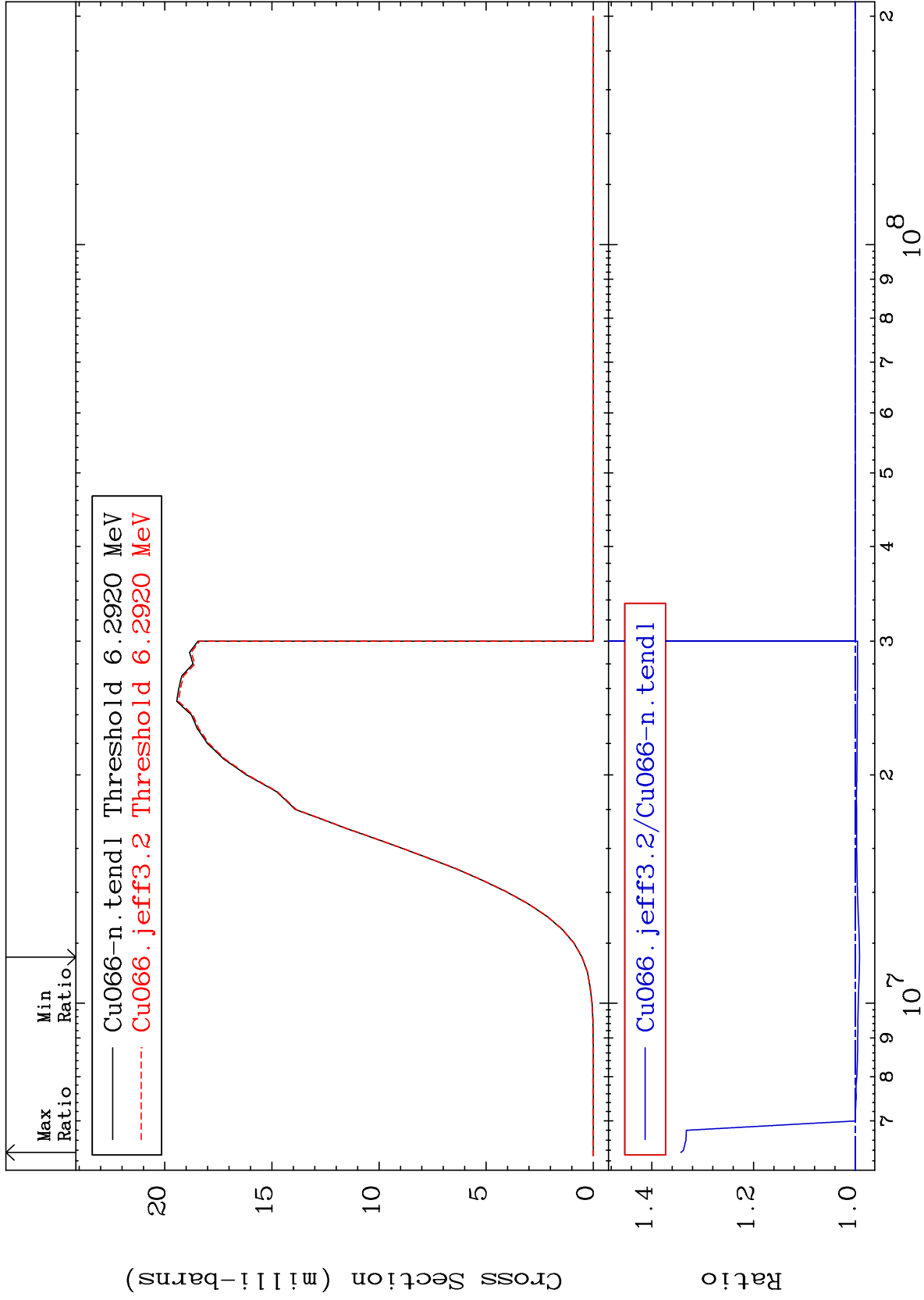
MAT 2934

(n, d)

29-Cu-66

Cross Section

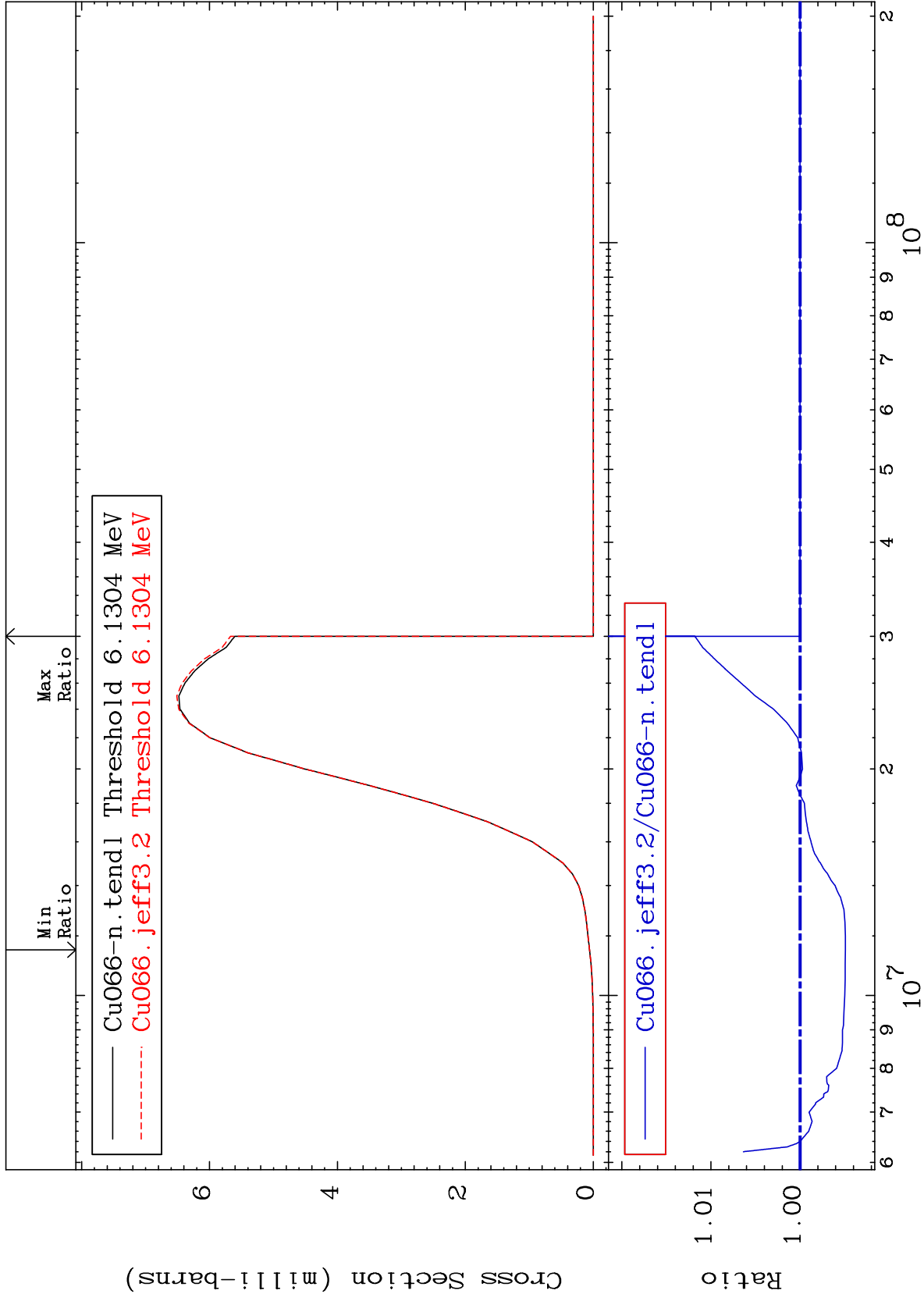
-0.835 To 34.31 %

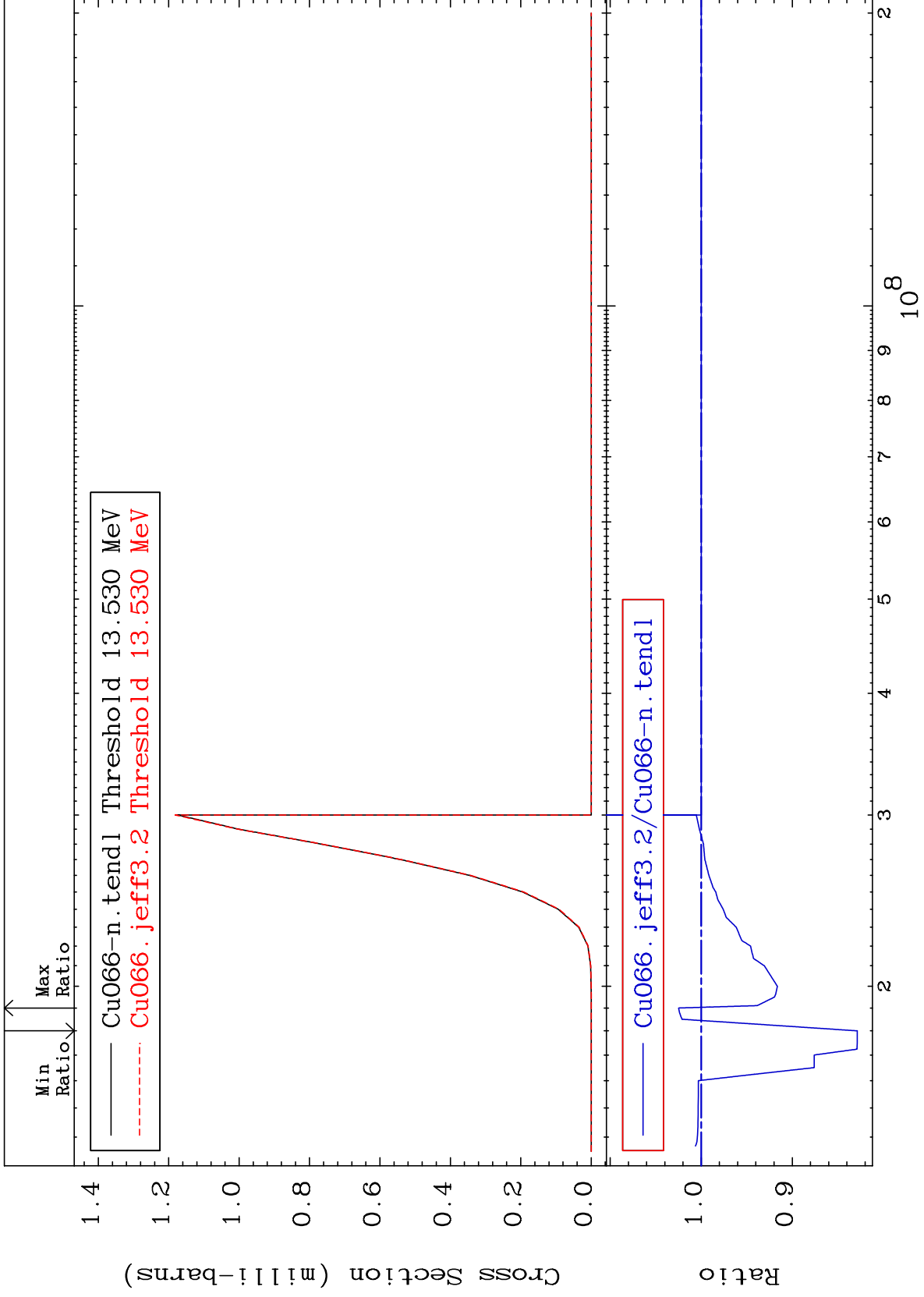


MAT 2934

29-Cu-66

(n, t)
Cross Section
-0.509 To 1.180 %



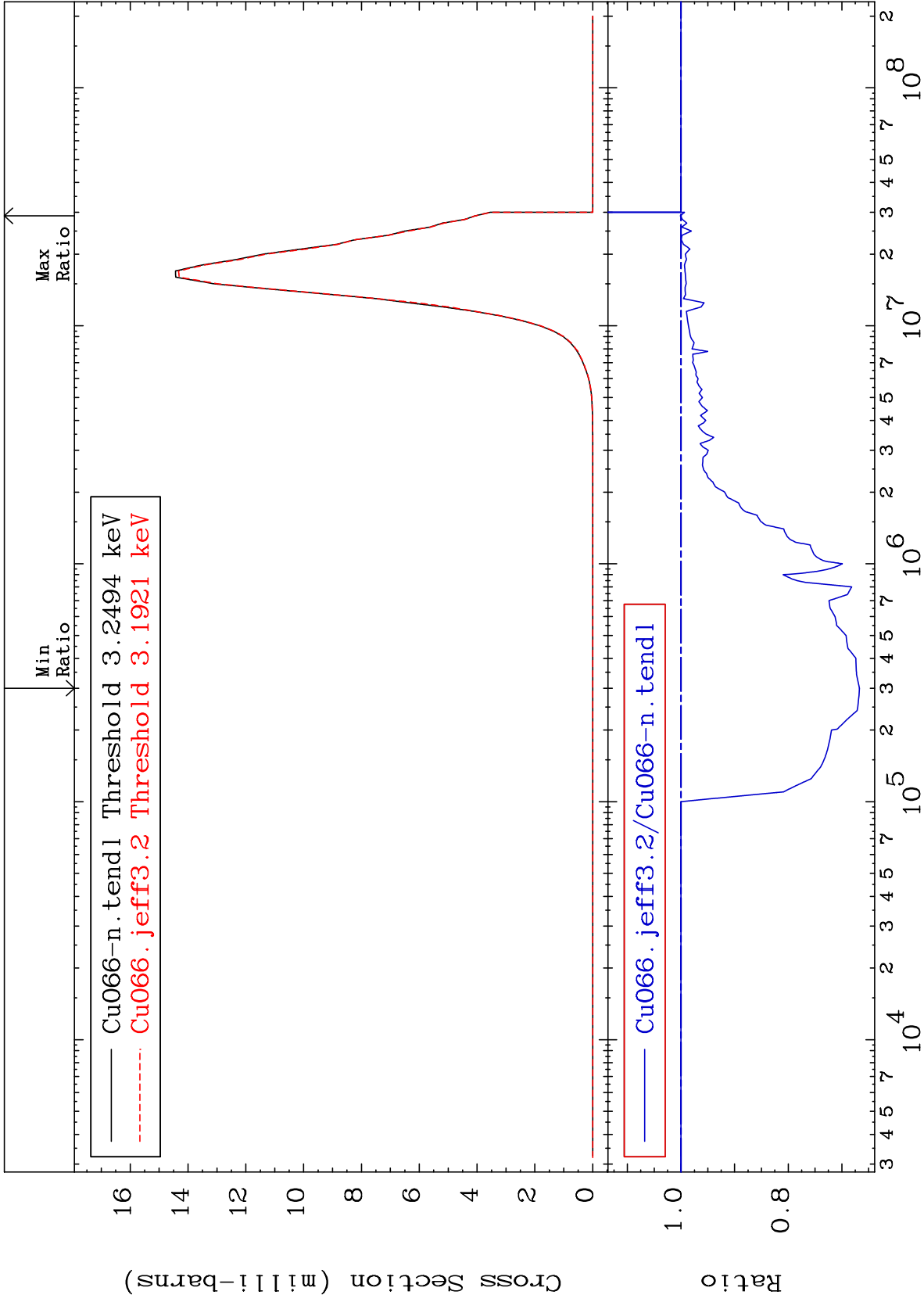


MAT 2934

29-Cu-66

(n, α)
Cross Section

-33.28 To 0.120 %



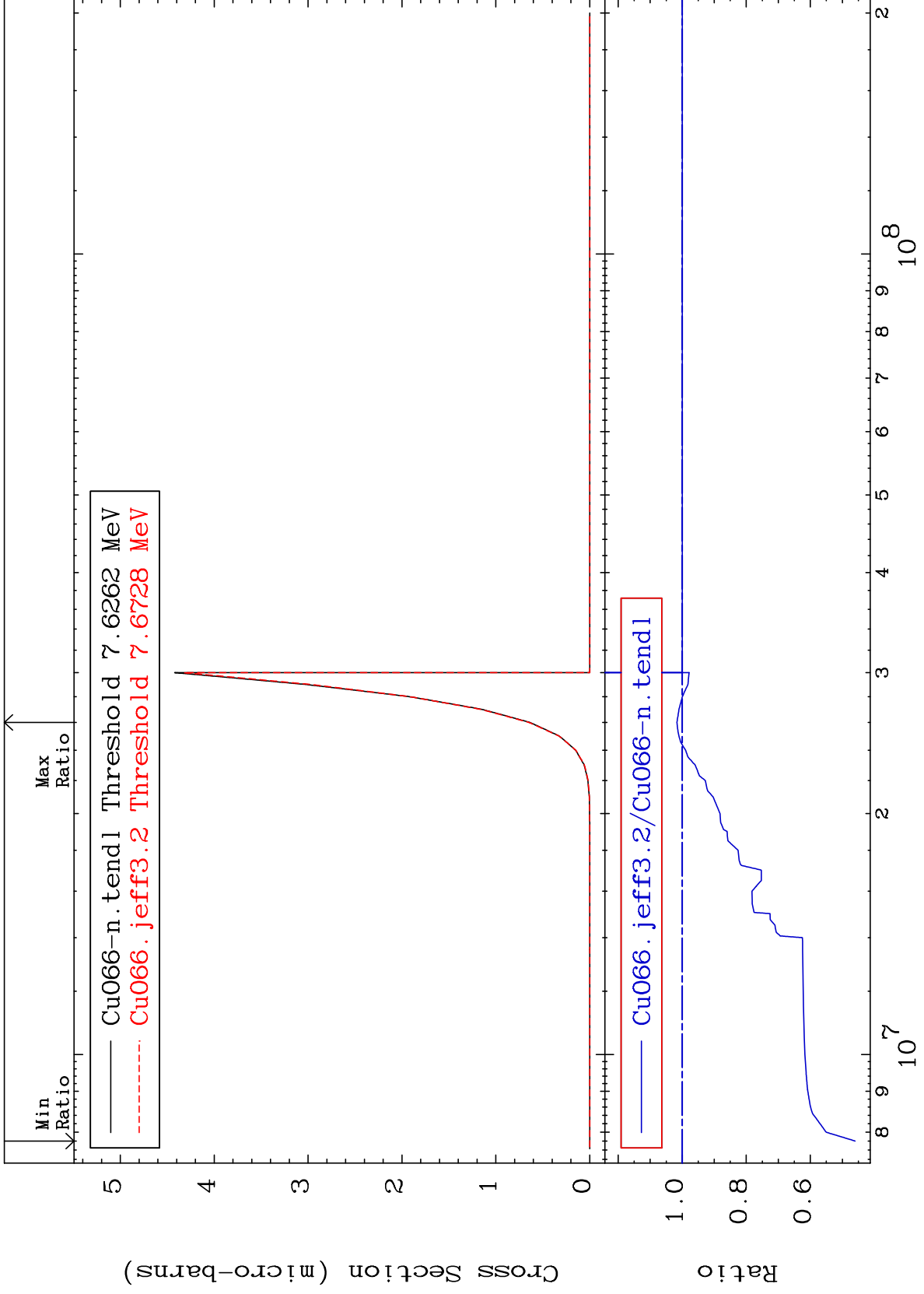
MAT 2934

(n,2α)

29-Cu-66

Cross Section

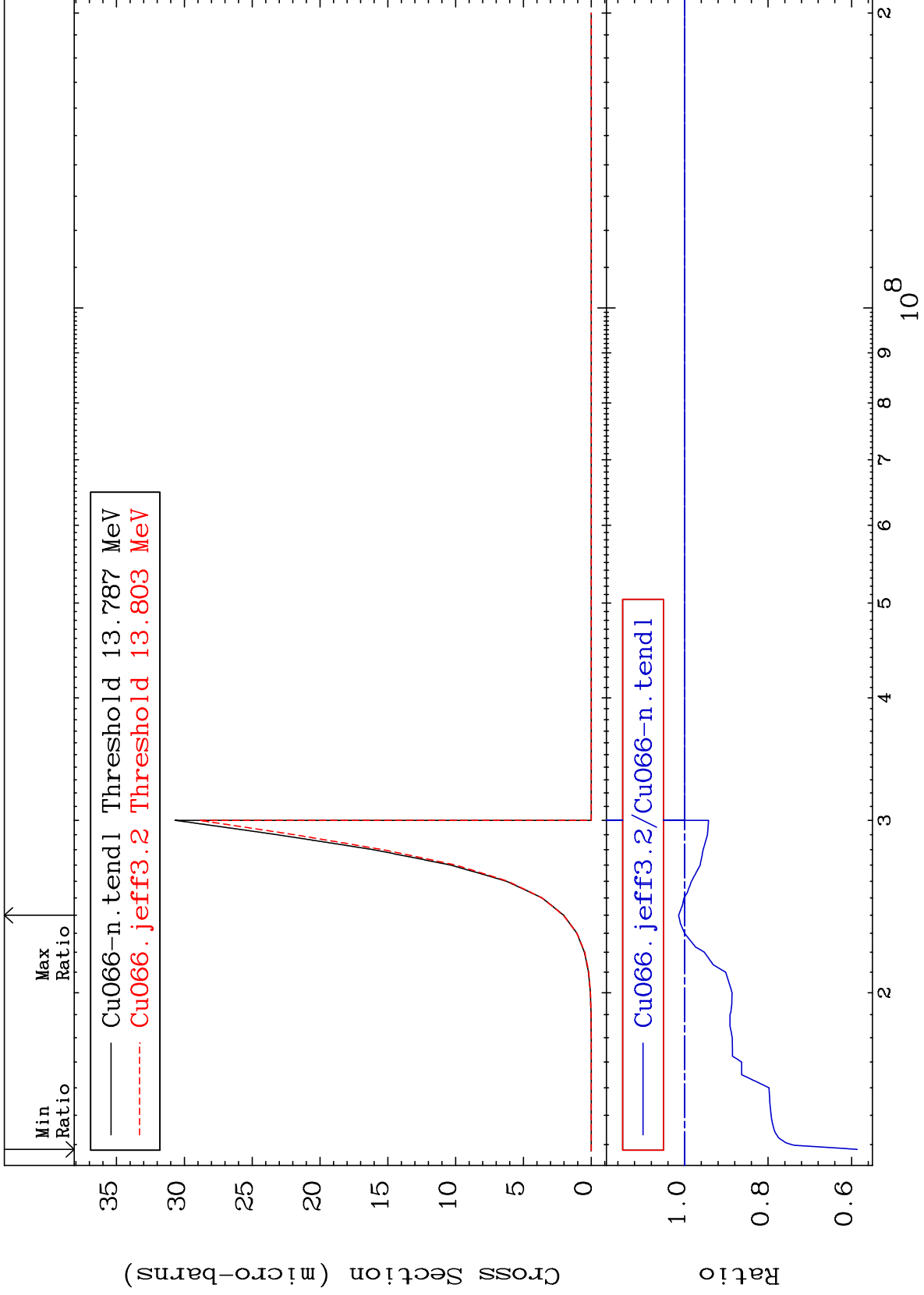
-53.98 To 1.652 %



MAT 2934

(n,2p)
Cross Section

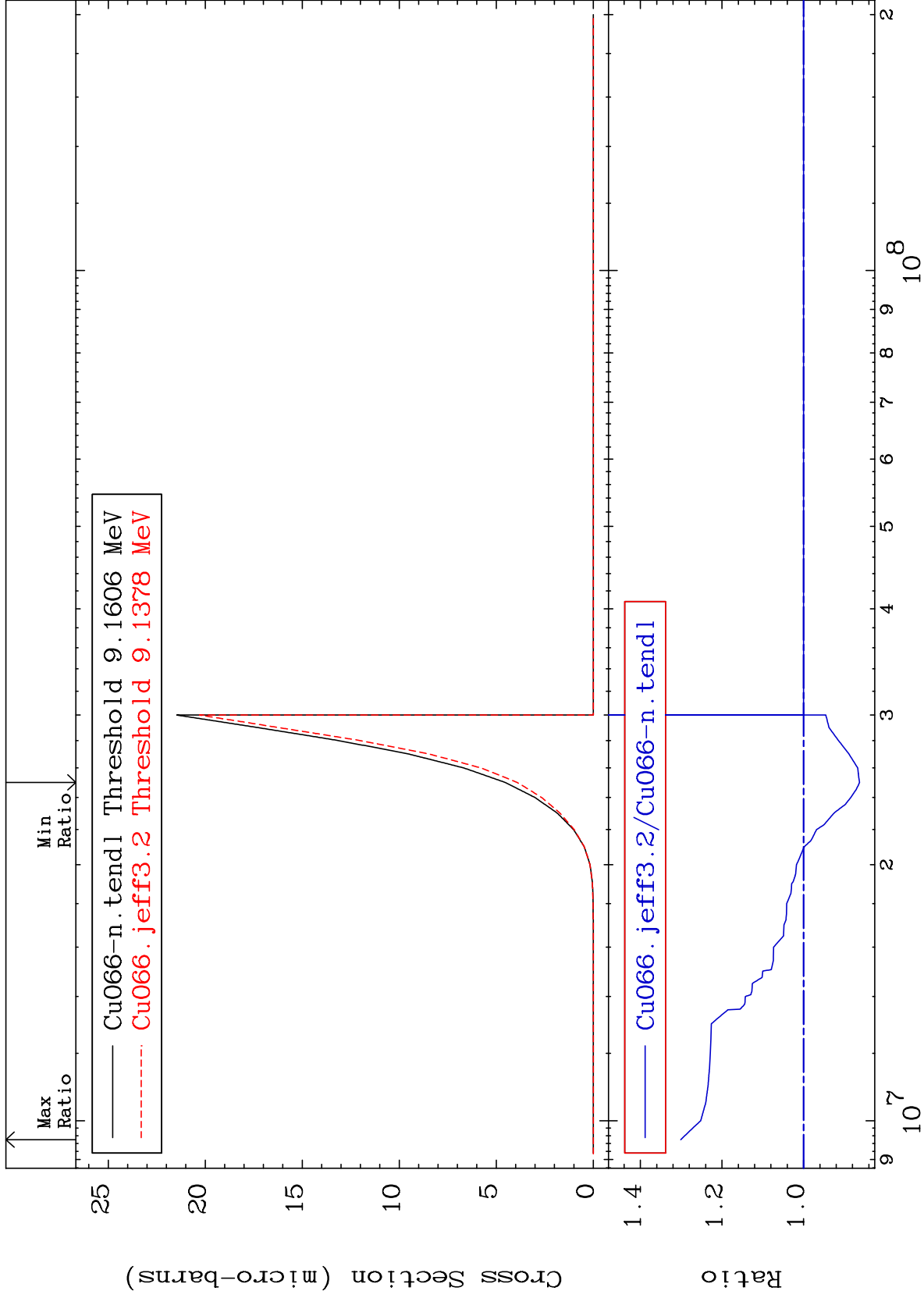
29-Cu-66
-41.37 To 1.444 %



MAT 2934

(n,p) α
Cross Section

29-Cu-66
-13.71 To 30.10 %



59

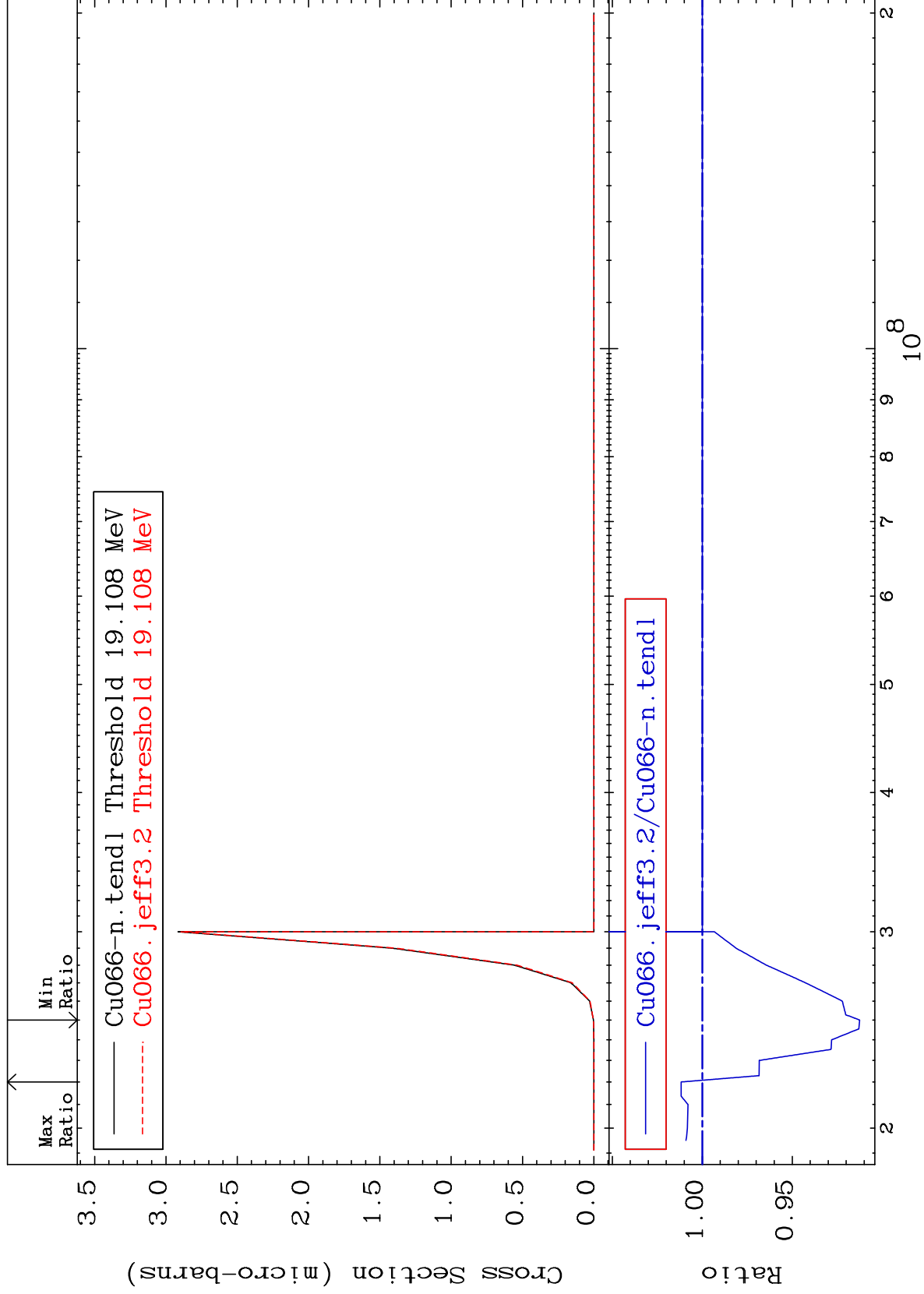
Incident Energy (eV)

29-Cu-66

MAT 2934

(n,p) d
Cross Section

29-Cu-66
-8.746 To 1.172 %



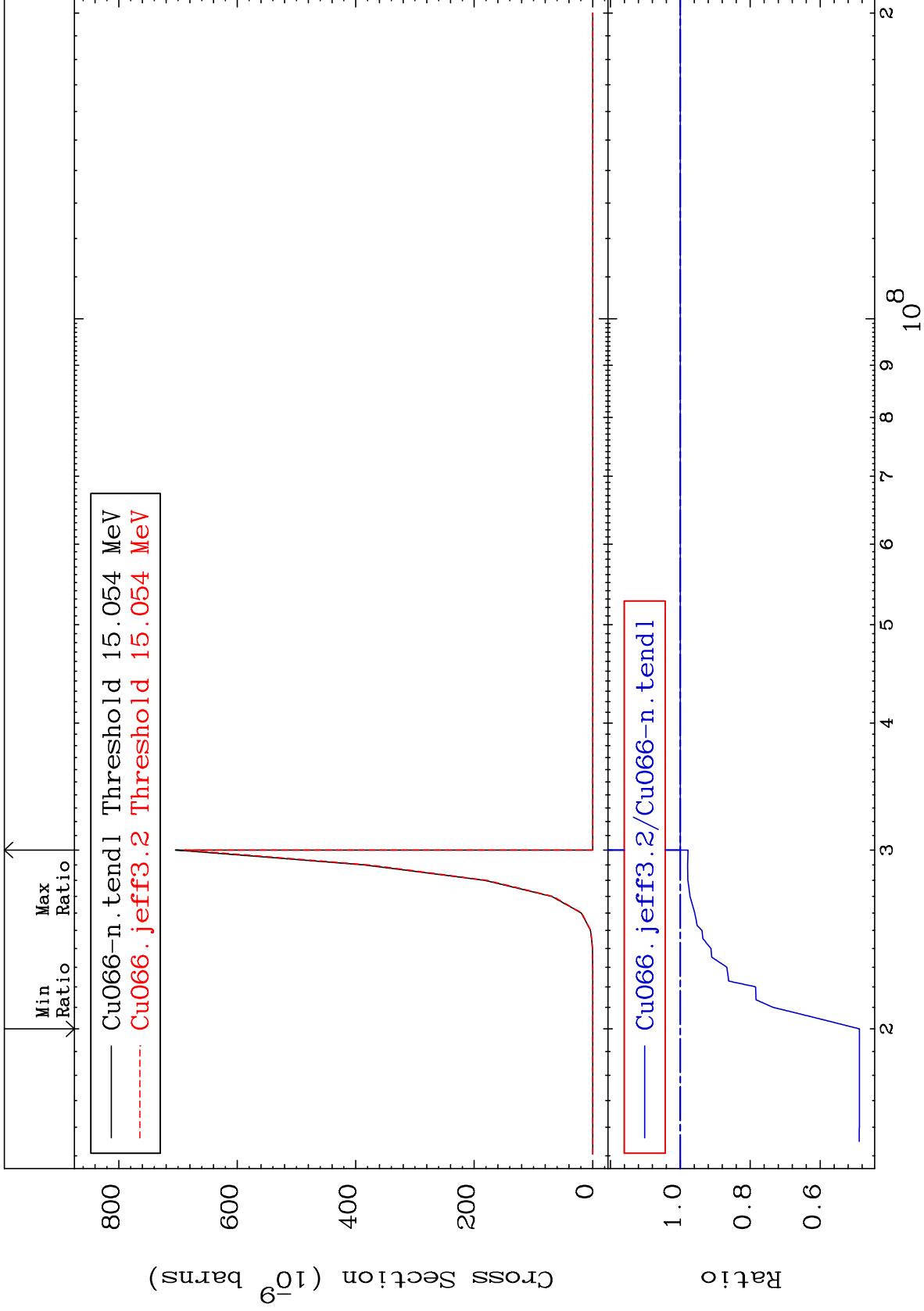
60

29-Cu-66

MAT 2934

(n, d) α
Cross Section

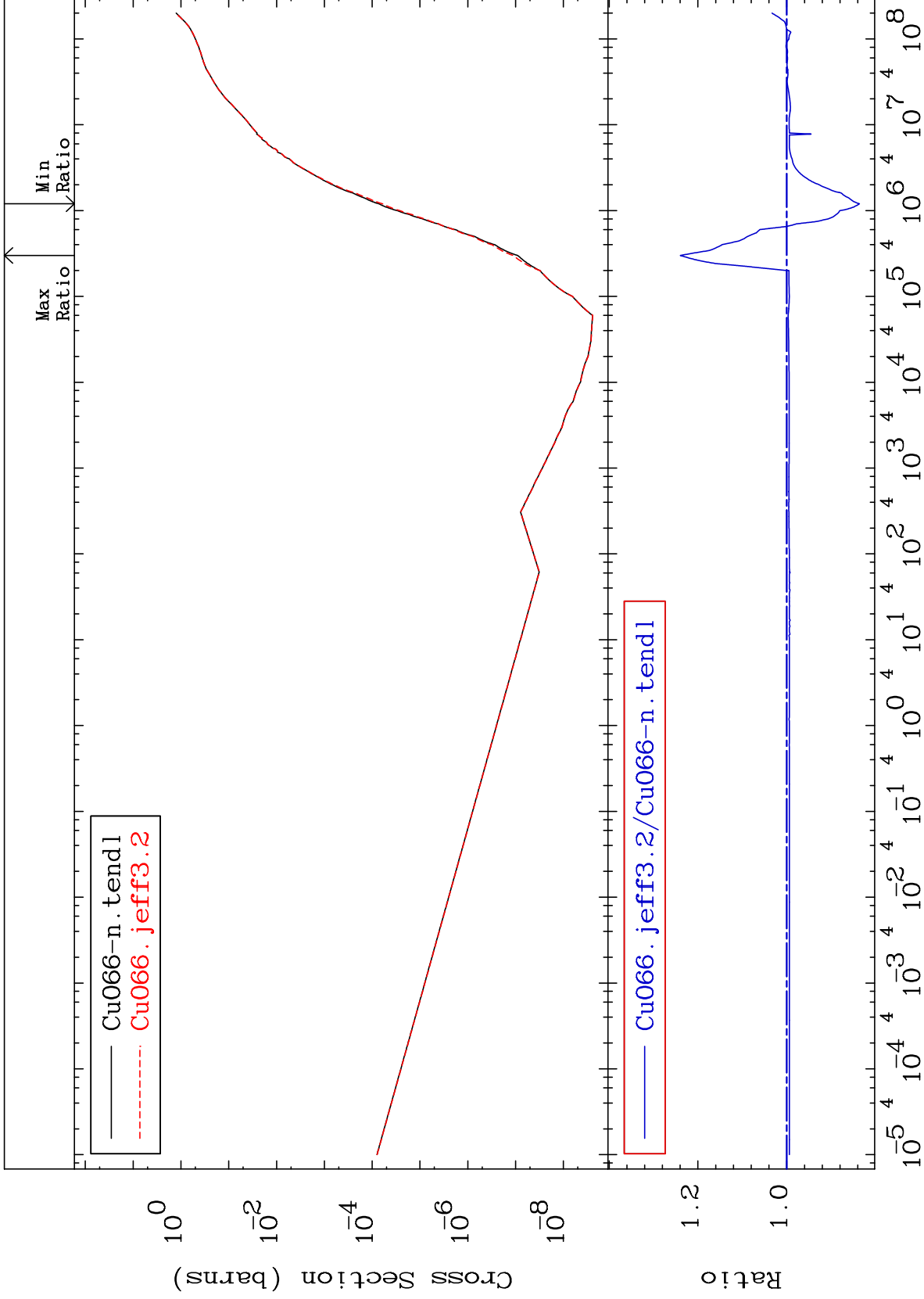
29-Cu-66
-51.24 To 0.000 %



MAT 2934

Hydrogen Production Cross Section

29-Cu-66
-16.37 To 23.96 %



63

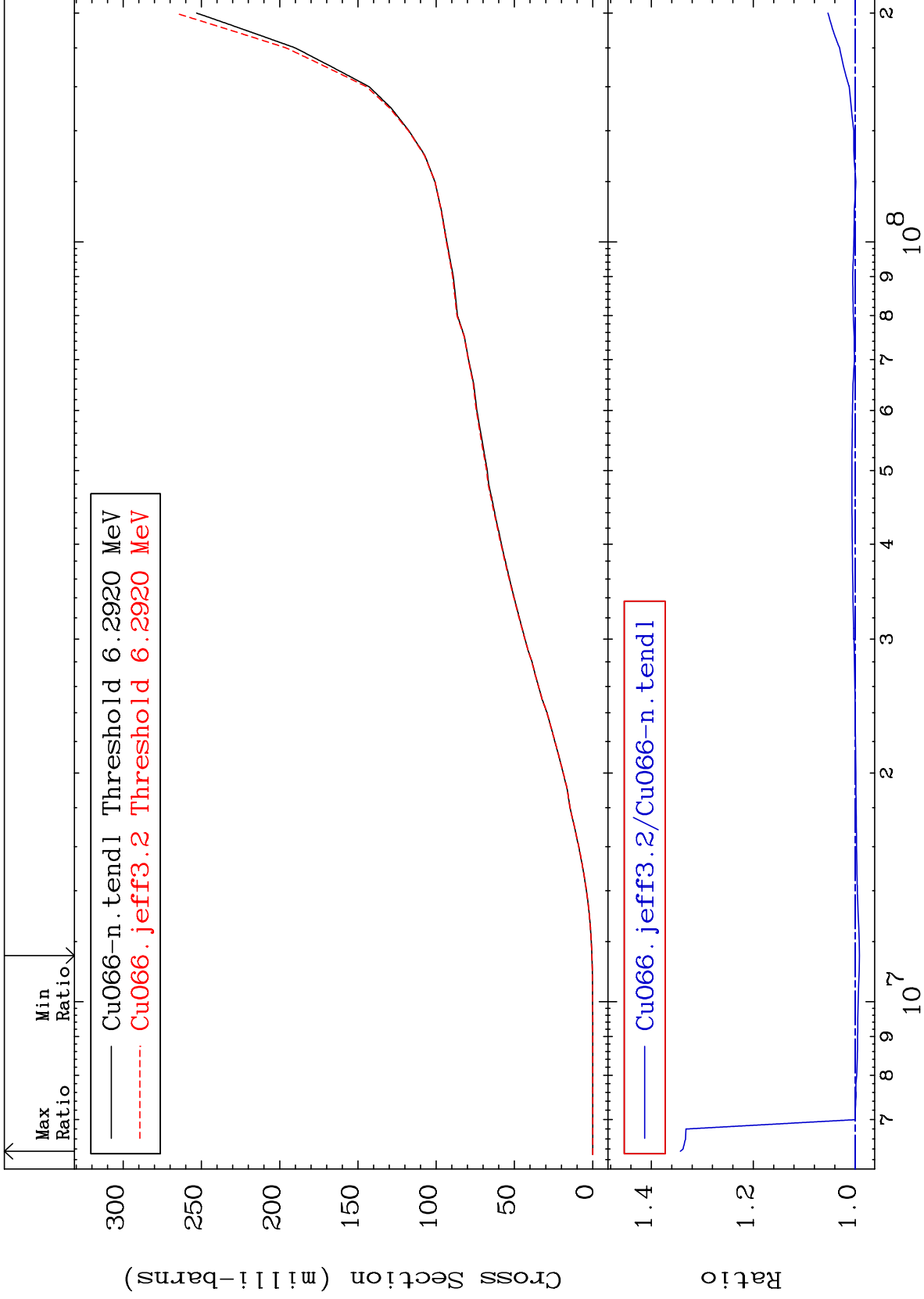
Incident Energy (eV)

29-Cu-66

MAT 2934

Deuterium Production
Cross Section

²⁹Cu-66
-0.835 To 34.31 %



64

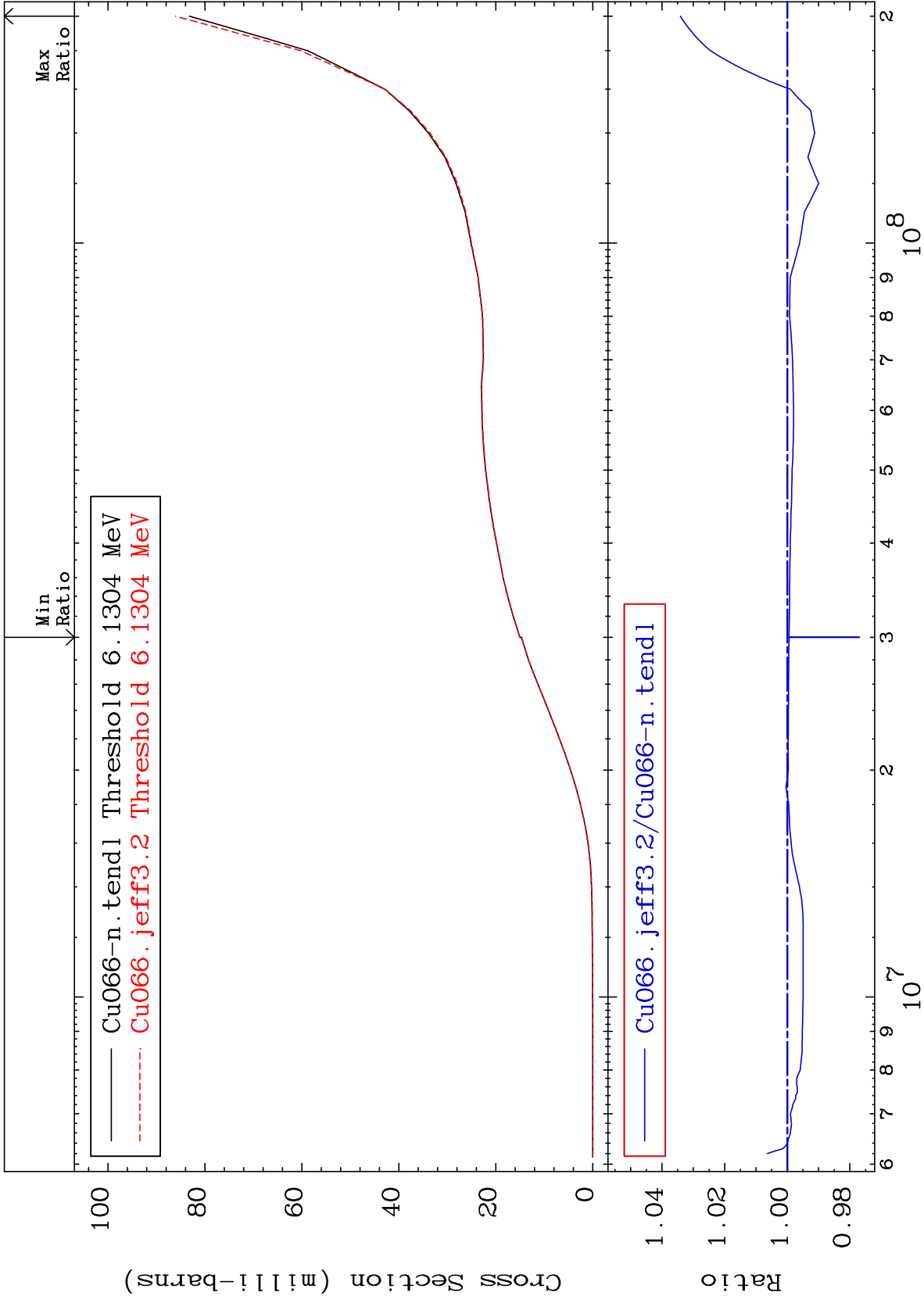
Incident Energy (eV)

²⁹Cu-66

MAT 2934

Tritium Production
Cross Section

29-Cu-66
-2.303 To 3.414 %



65

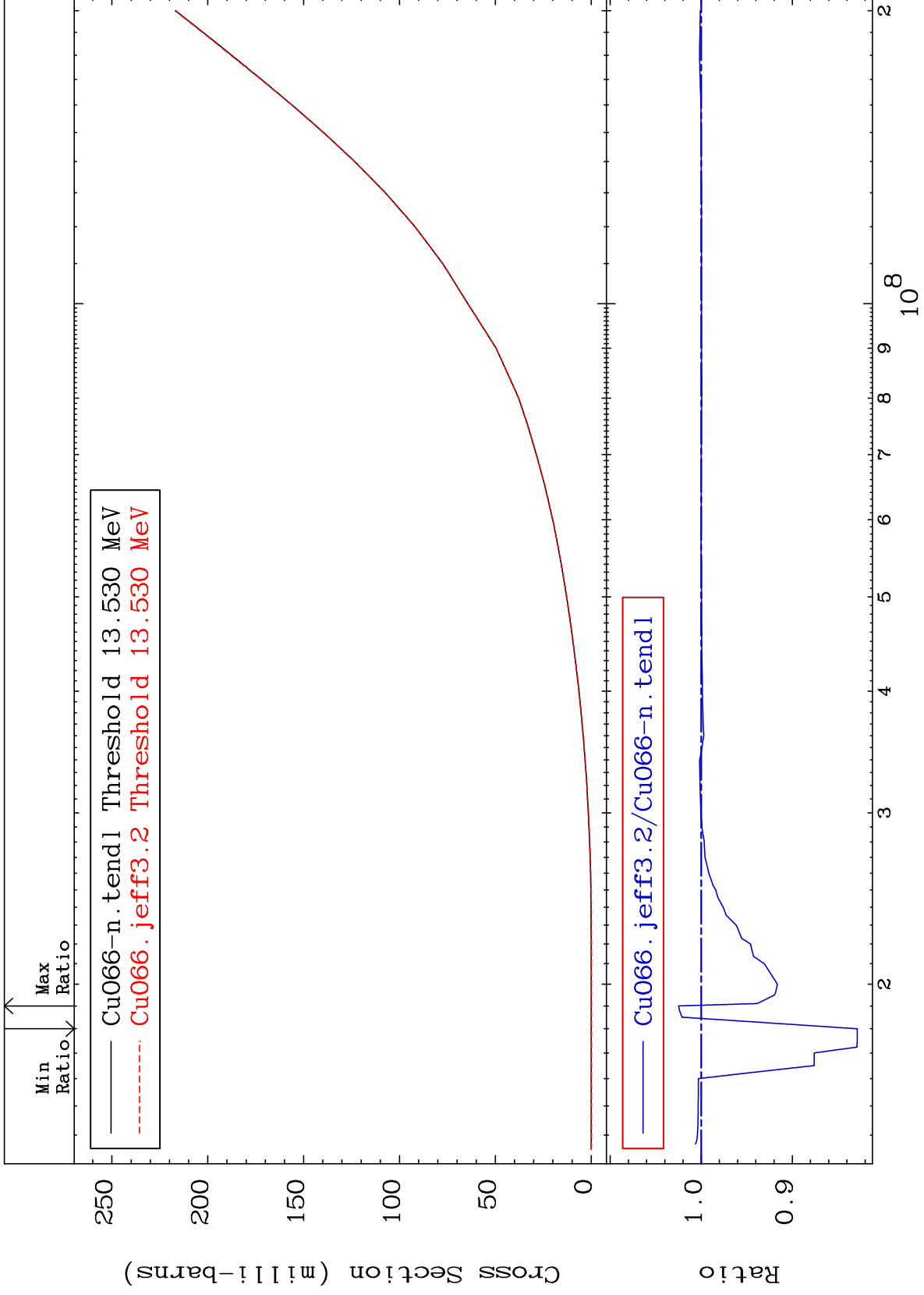
Incident Energy (eV)

29-Cu-66

MAT 2934

He-3 Production
Cross Section

29-Cu-66
-17.14 To 2.485 %



66

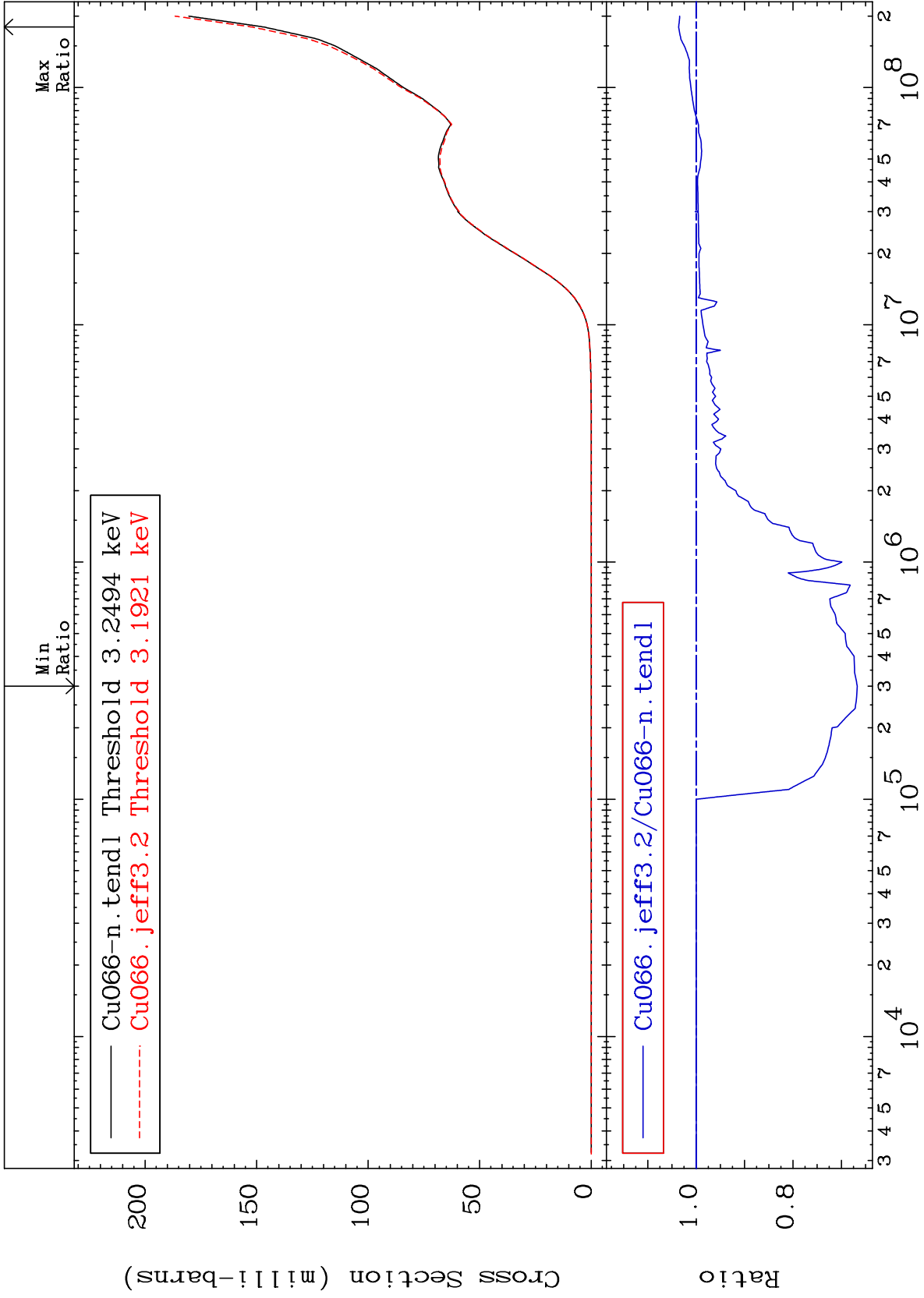
Incident Energy (eV)

29-Cu-66

MAT 2934

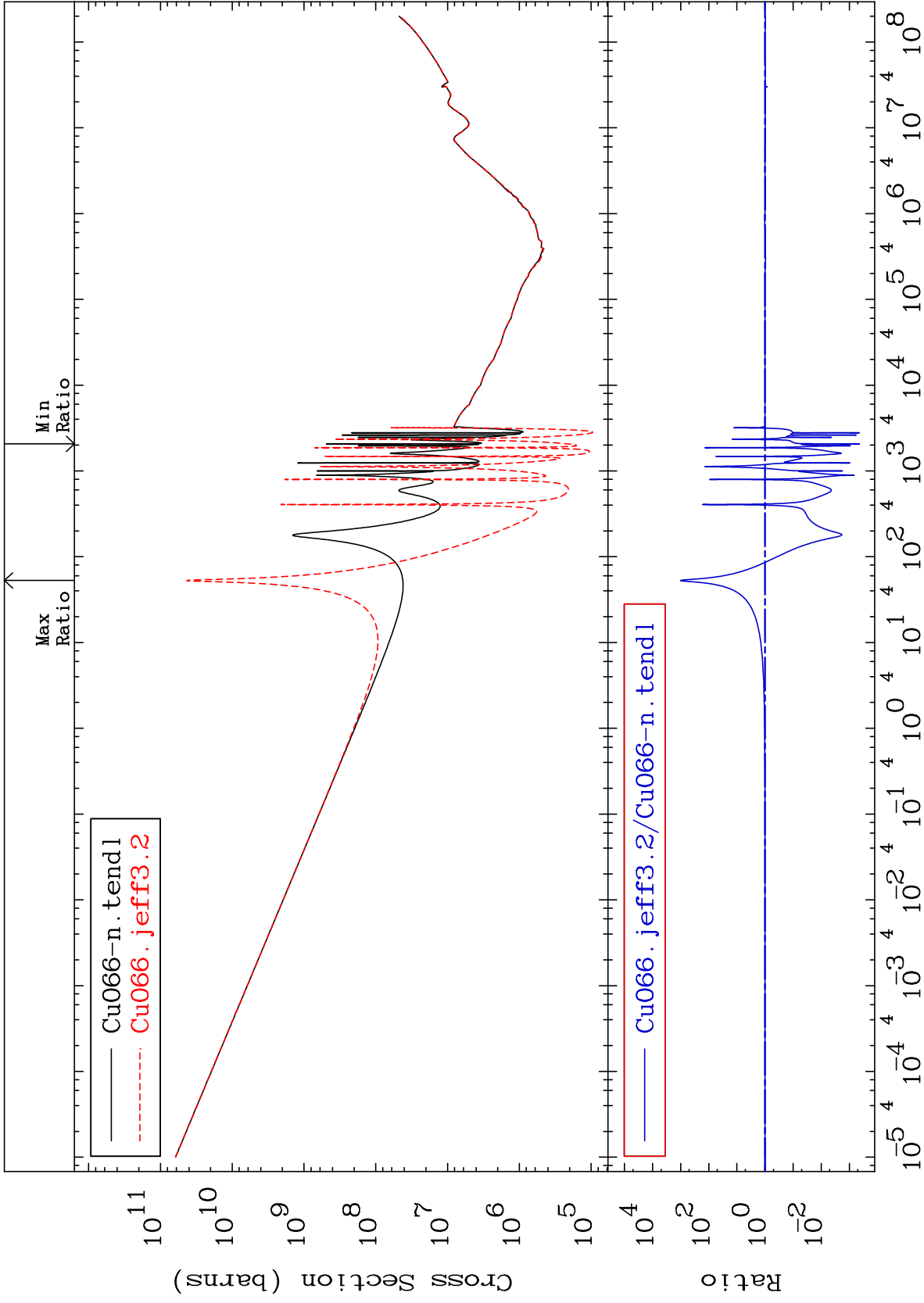
He-4 Production
Cross Section

29-Cu-66
-33.28 To 3.628 %



67

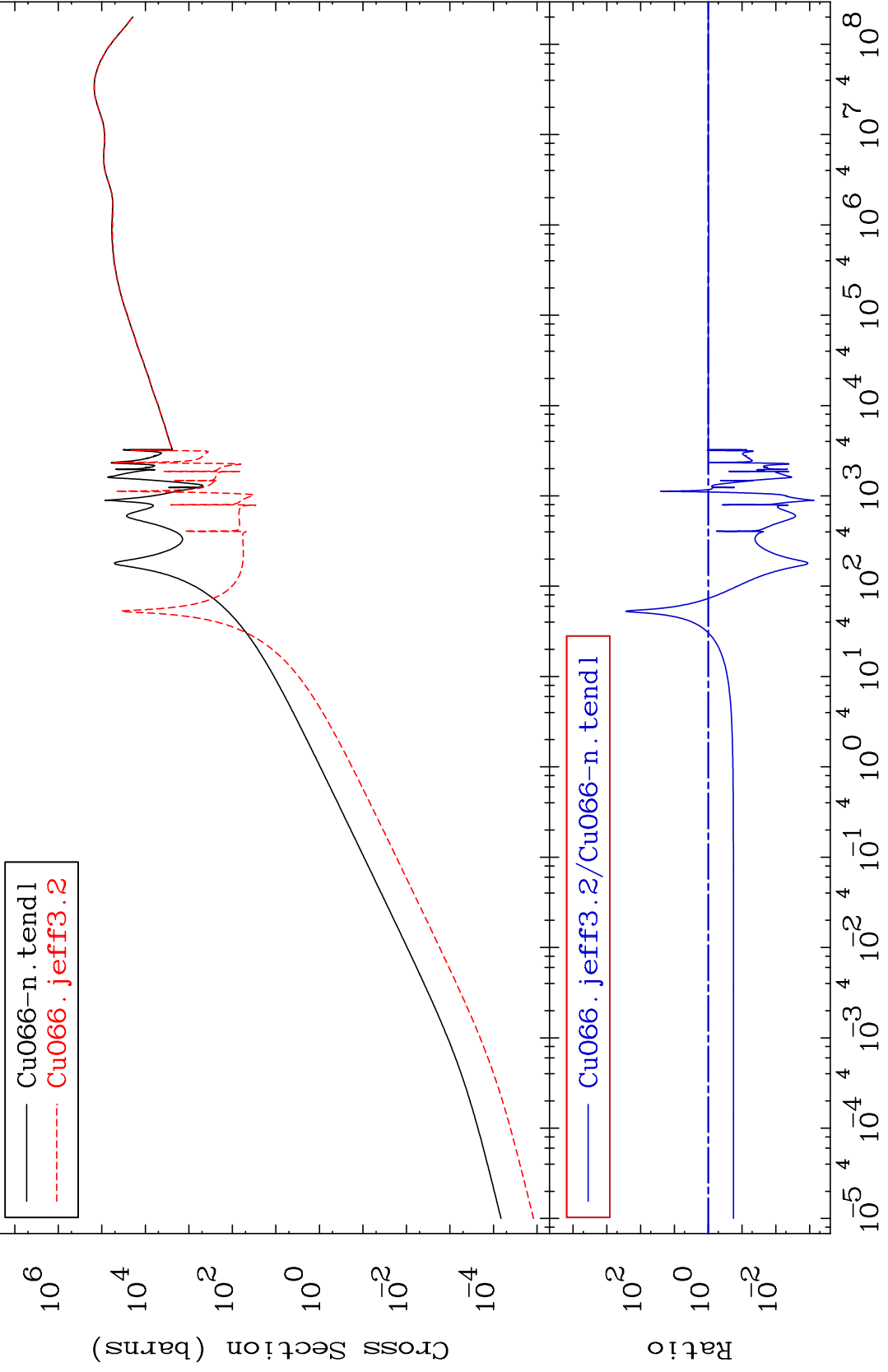
29-Cu-66

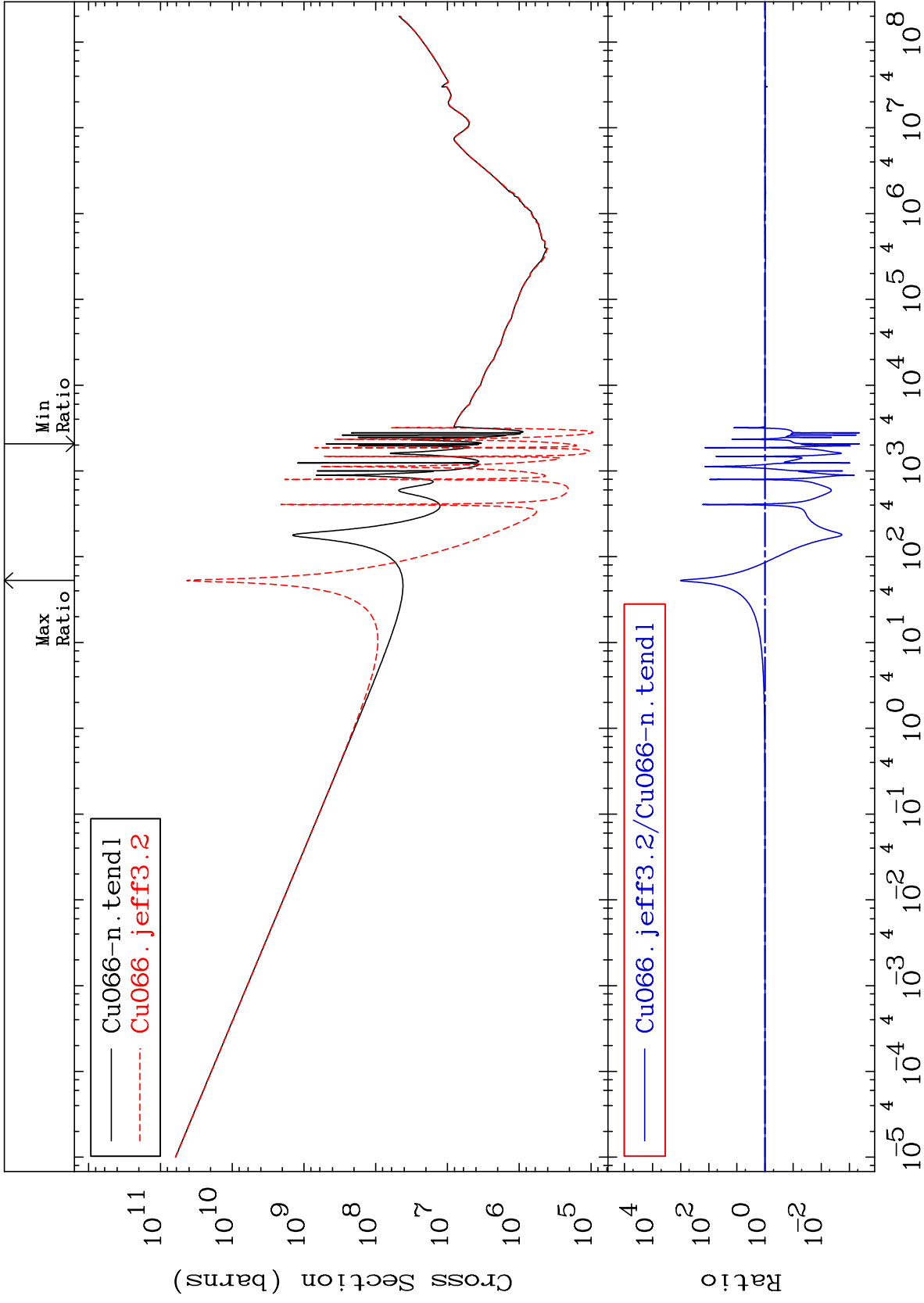


MAT 2934

Kerma elastic
Cross Section

29-Cu-66
-99.93 To 9999. %

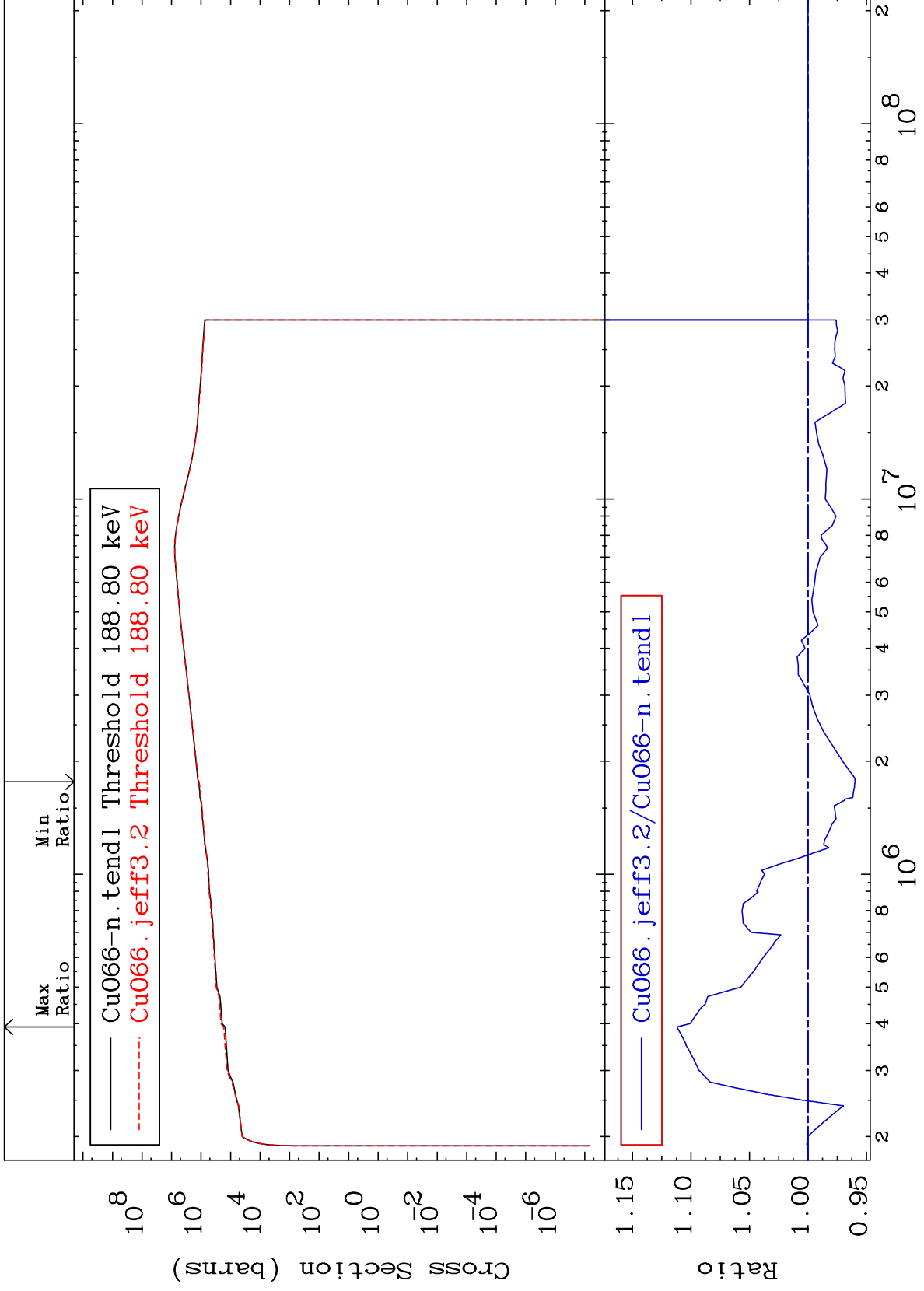




MAT 2934

Kerma inelastic (mt51-91)
Cross Section

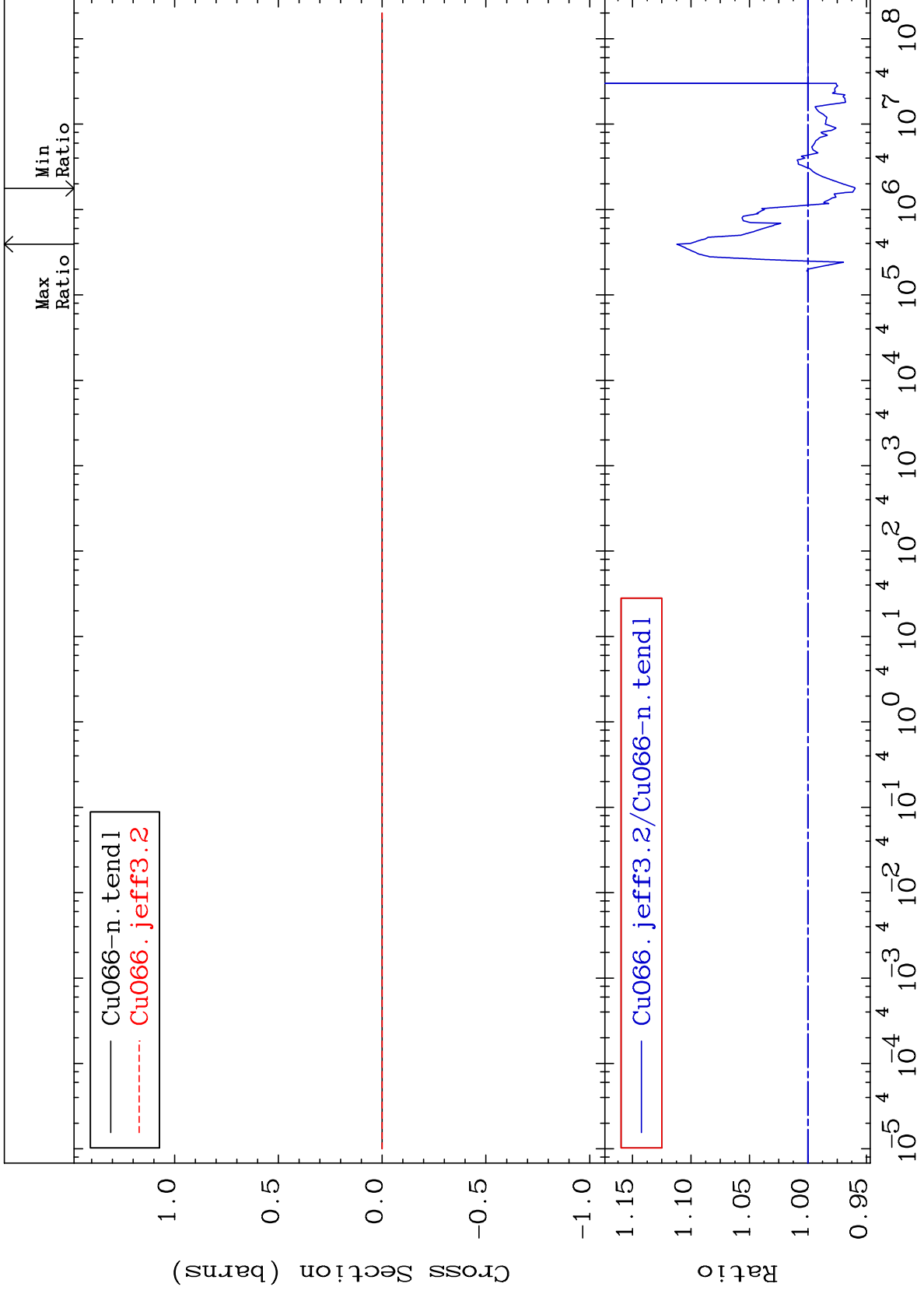
29-Cu-66
-4.029 To 11.20 %



MAT 2934

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

29-Cu-66
-4.029 To 11.20 %



72

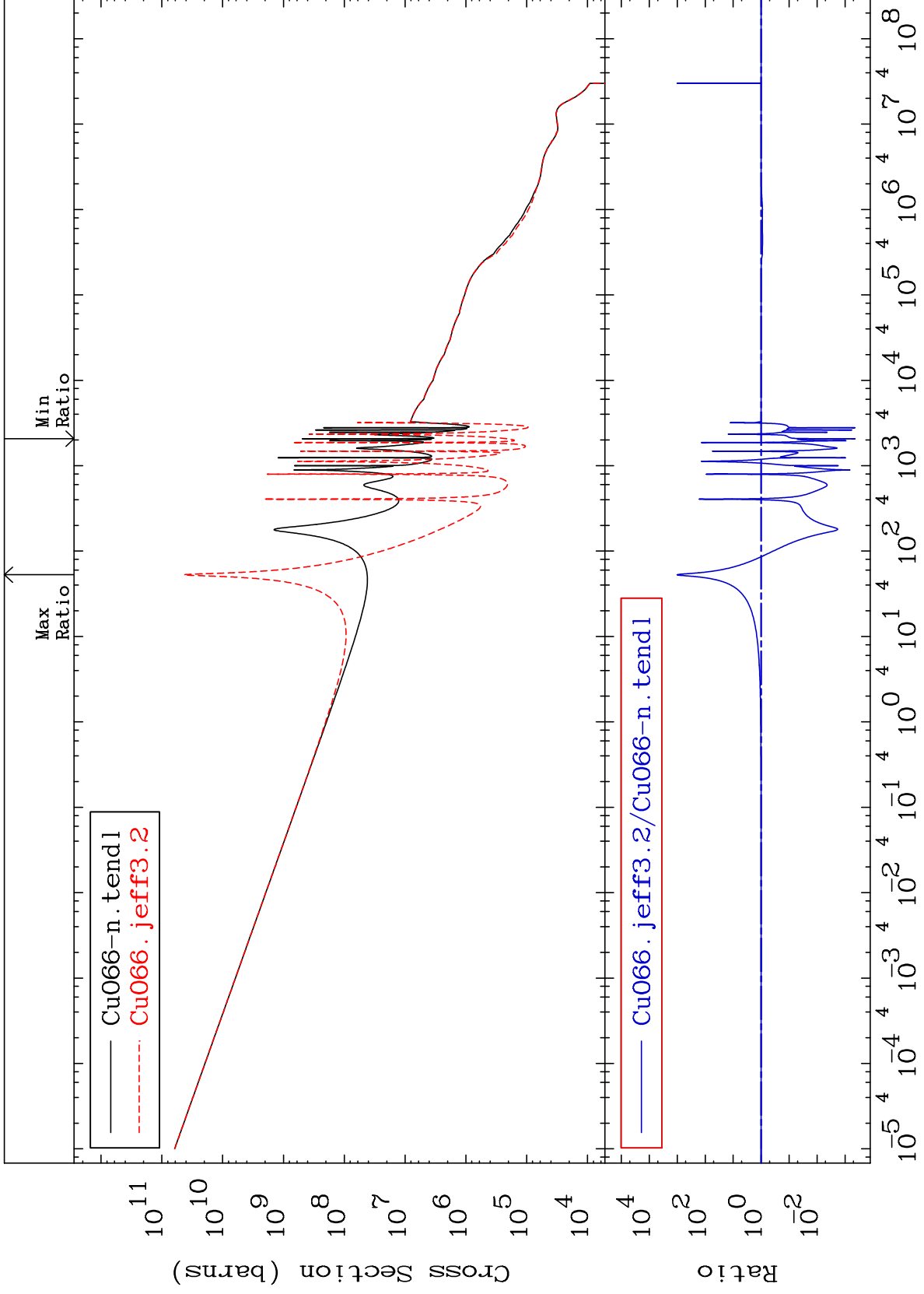
Incident Energy (eV)

29-Cu-66

MAT 2934

Kerma capture (mt102)
Cross Section

29-Cu-66
-99.96 To 9999. %



73

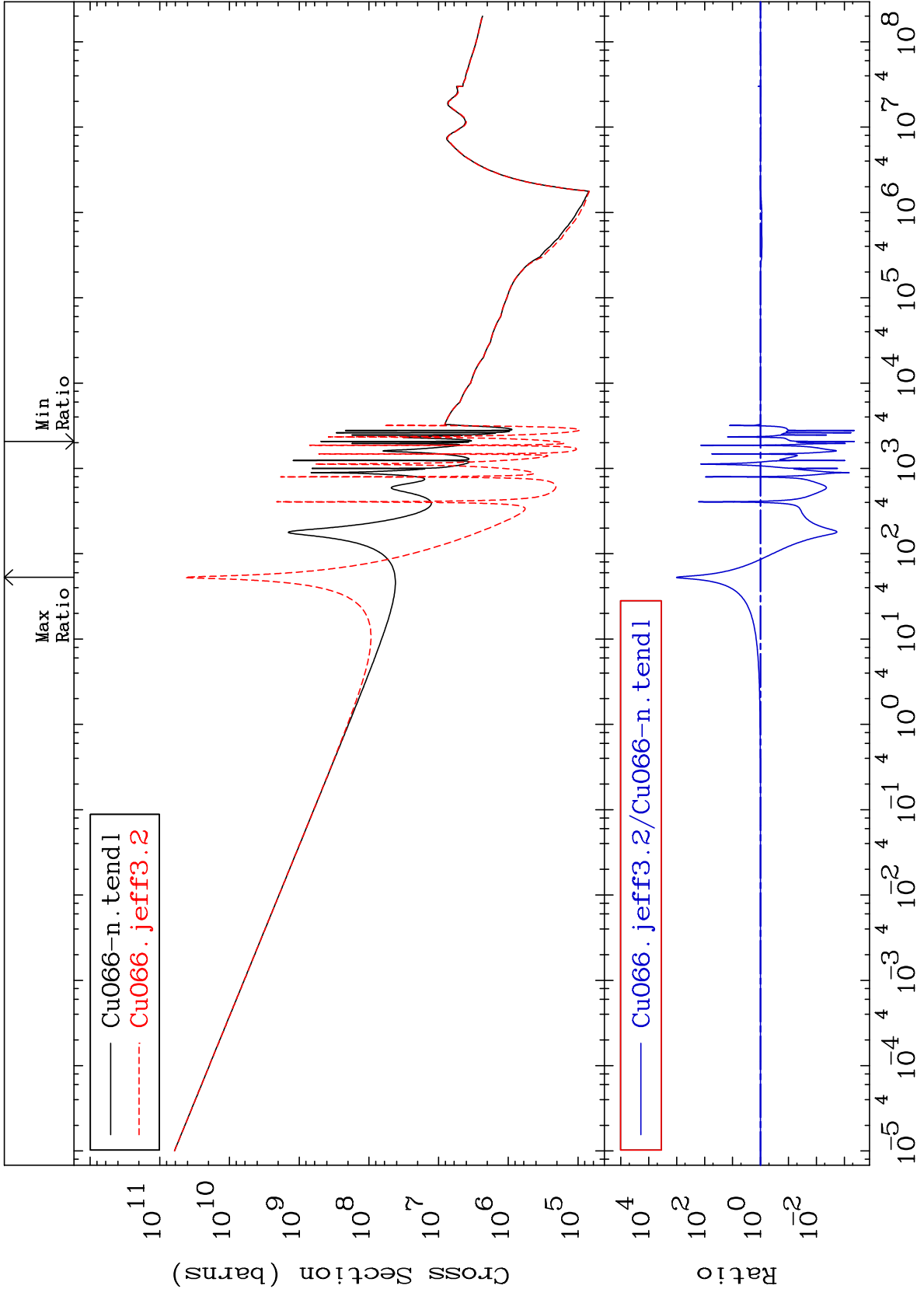
Incident Energy (eV)

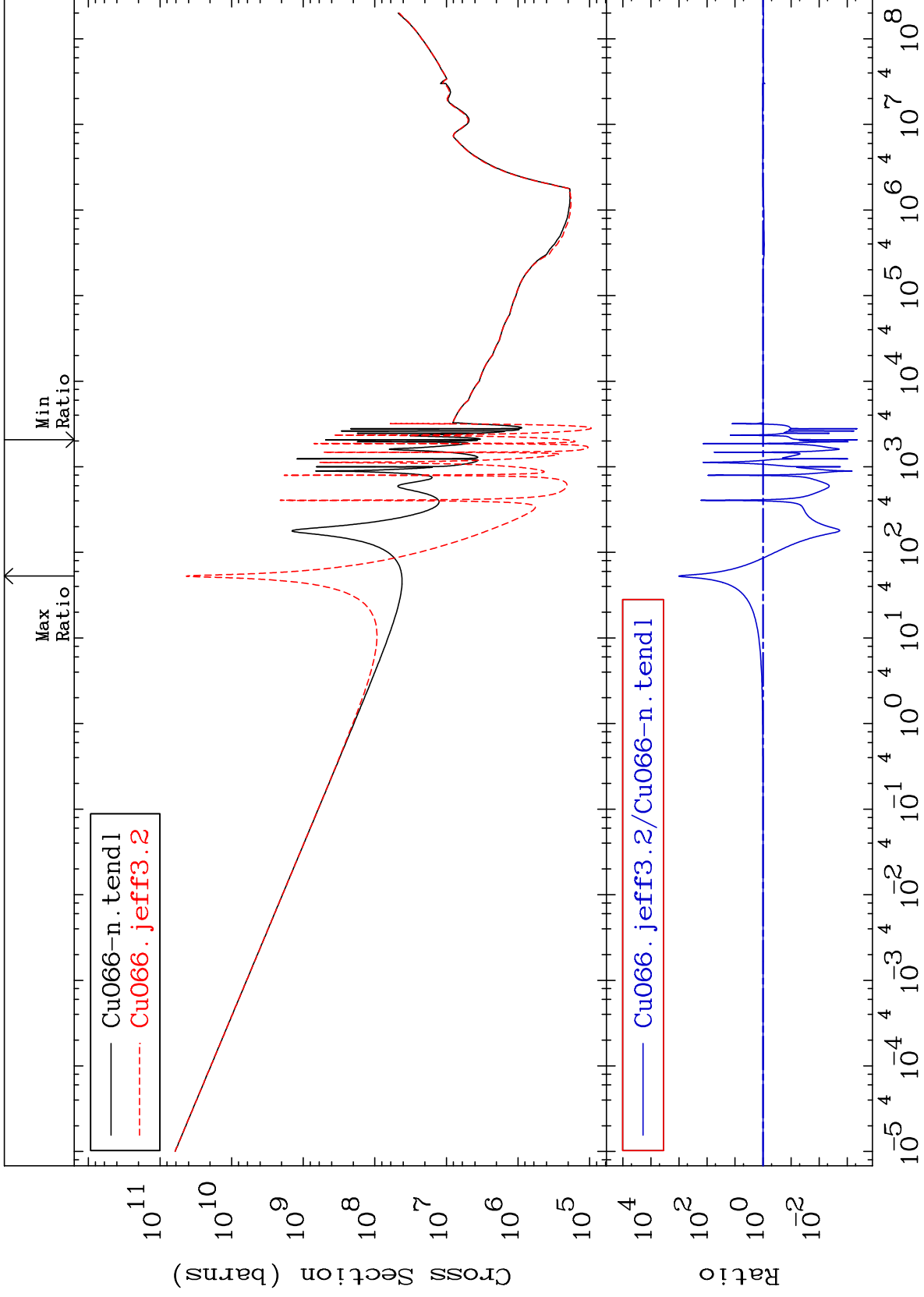
29-Cu-66

MAT 2934

Total photon (eV-barns)
Cross Section

29-Cu-66
-99.96 To 9999. %





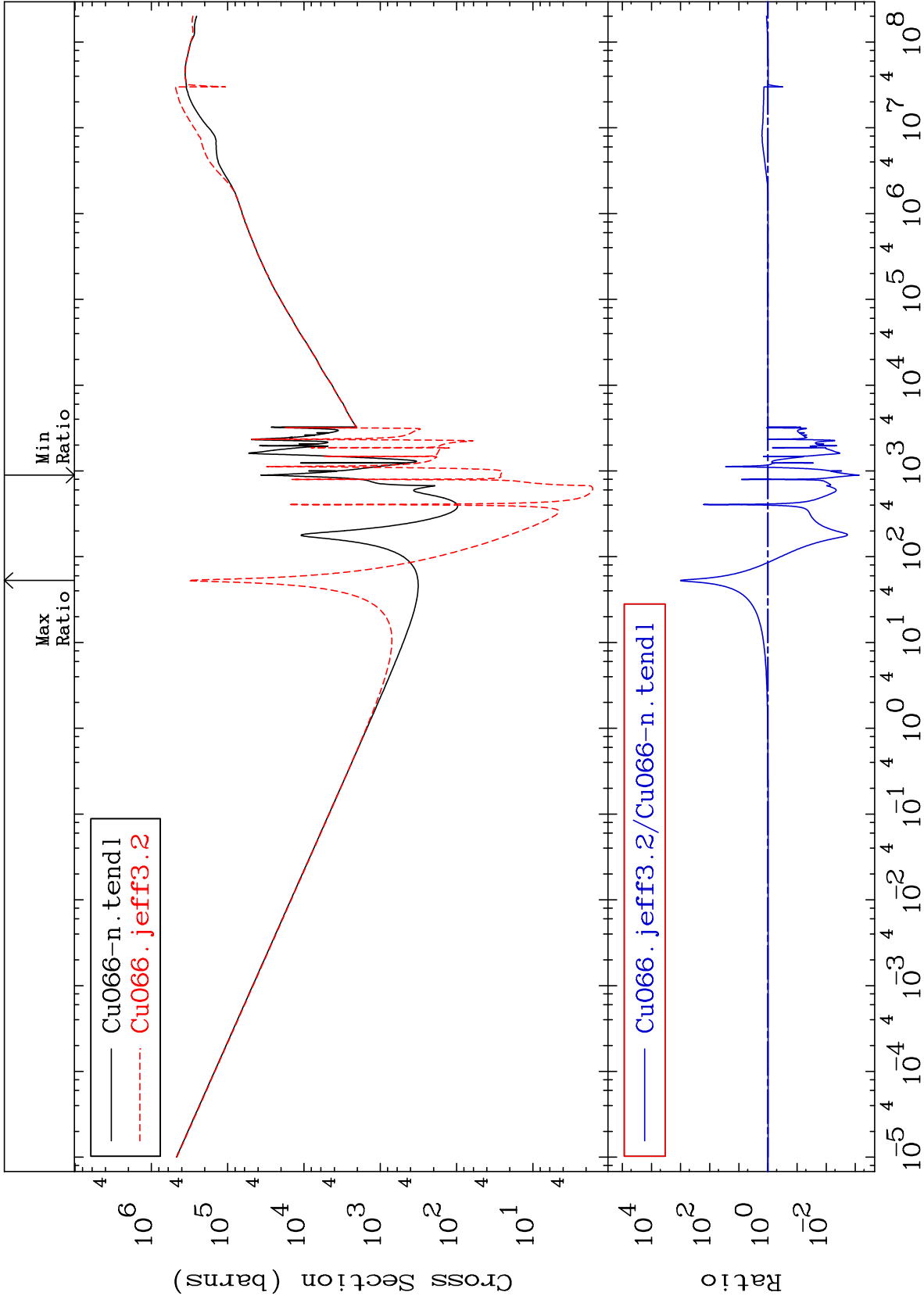
MAT 2934

Dpa total (eV-barns)

29-Cu-66

-99.93 To 9999. %

Cross Section



76

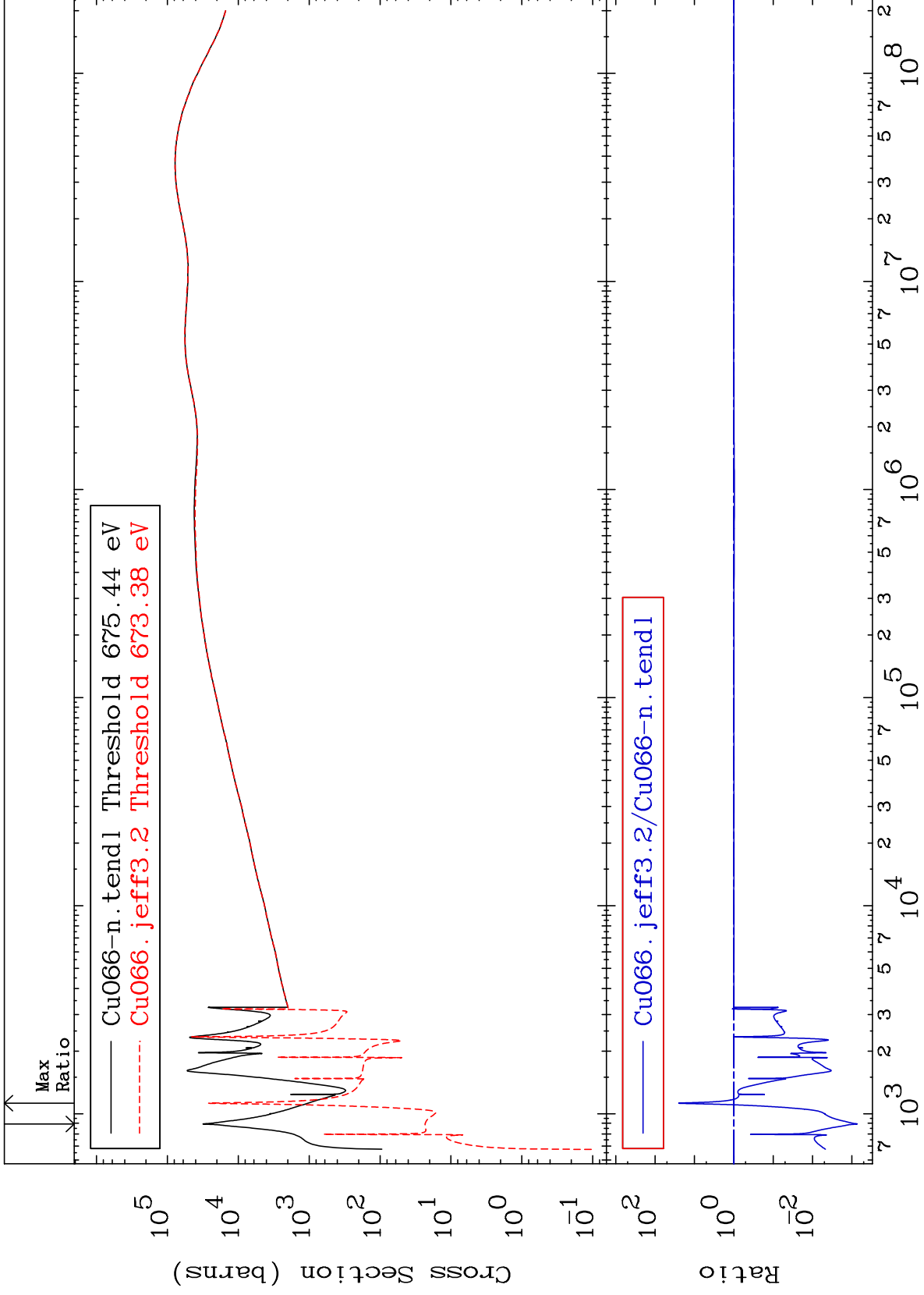
Incident Energy (eV)

29-Cu-66

MAT 2934

Dpa elastic (mt2)
Cross Section

29-Cu-66
-99.93 To 2423. %



77

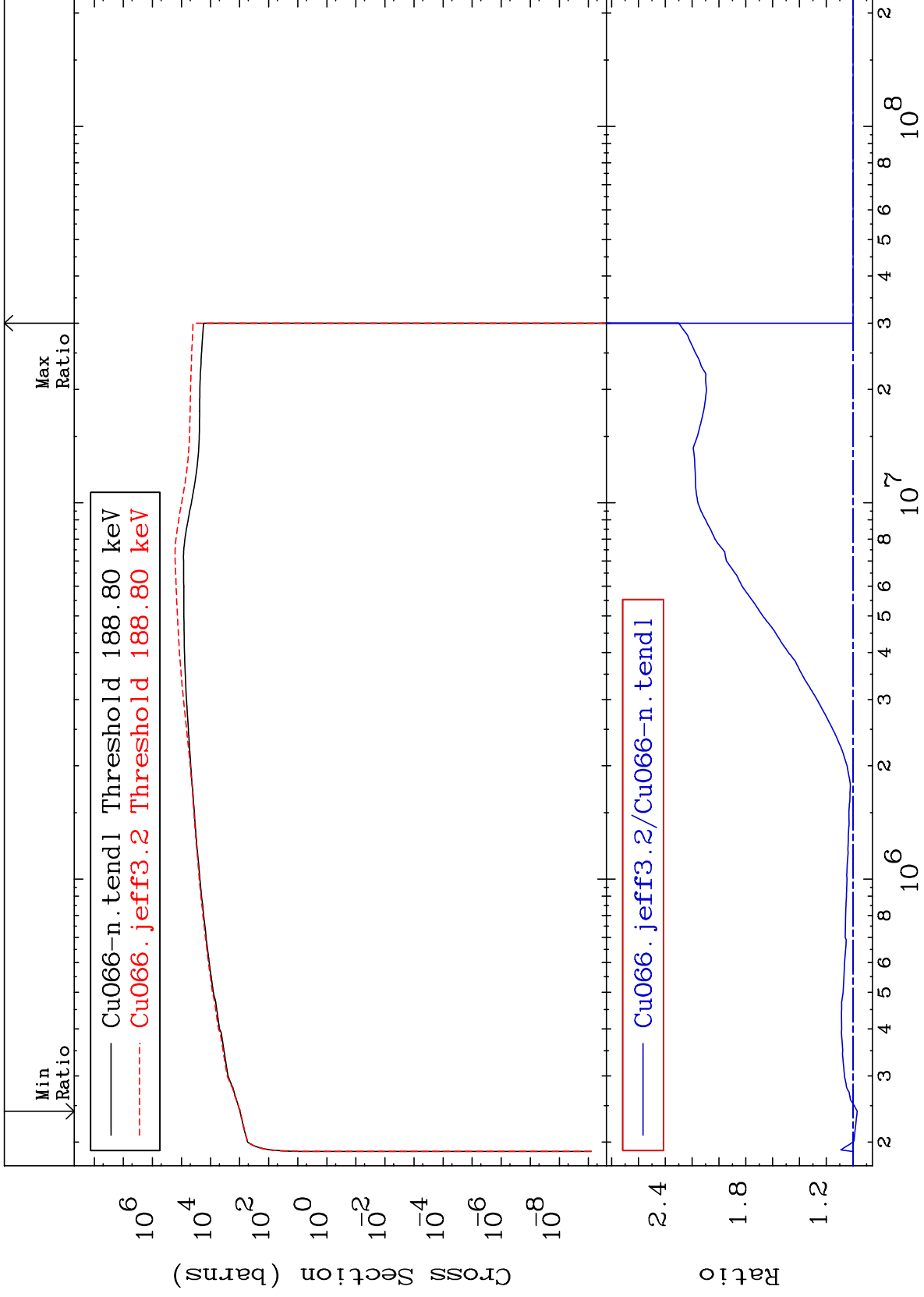
Incident Energy (eV)

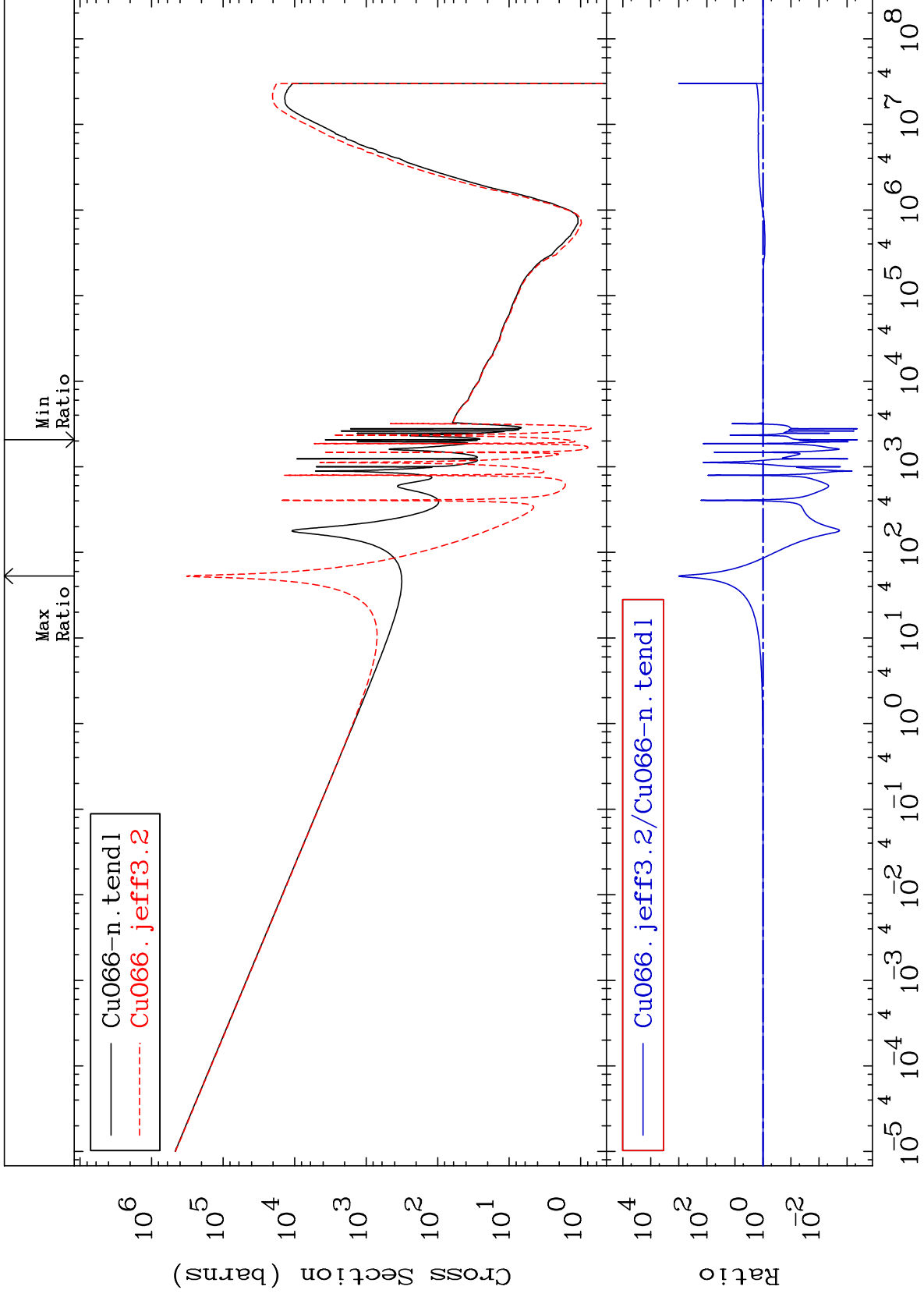
29-Cu-66

MAT 2934

Dpa inelastic (mt51-91)
Cross Section

29-Cu-66
-3.074 To 130.1 %



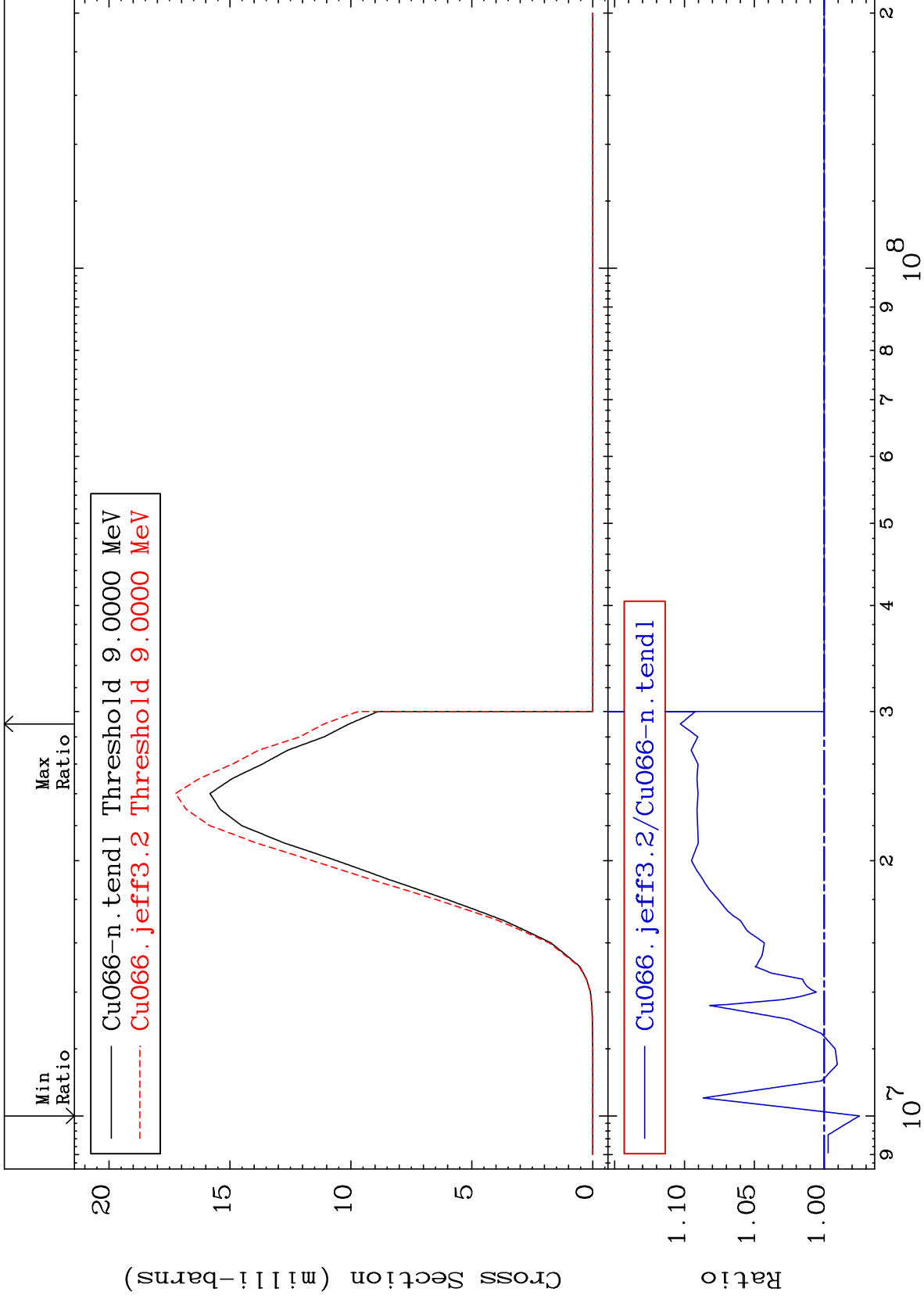


MAT 2934

(n, n') α :27-Co-62g

29-Cu-66

Radionuclide Production Cross Section -2.521 To 10.30 %

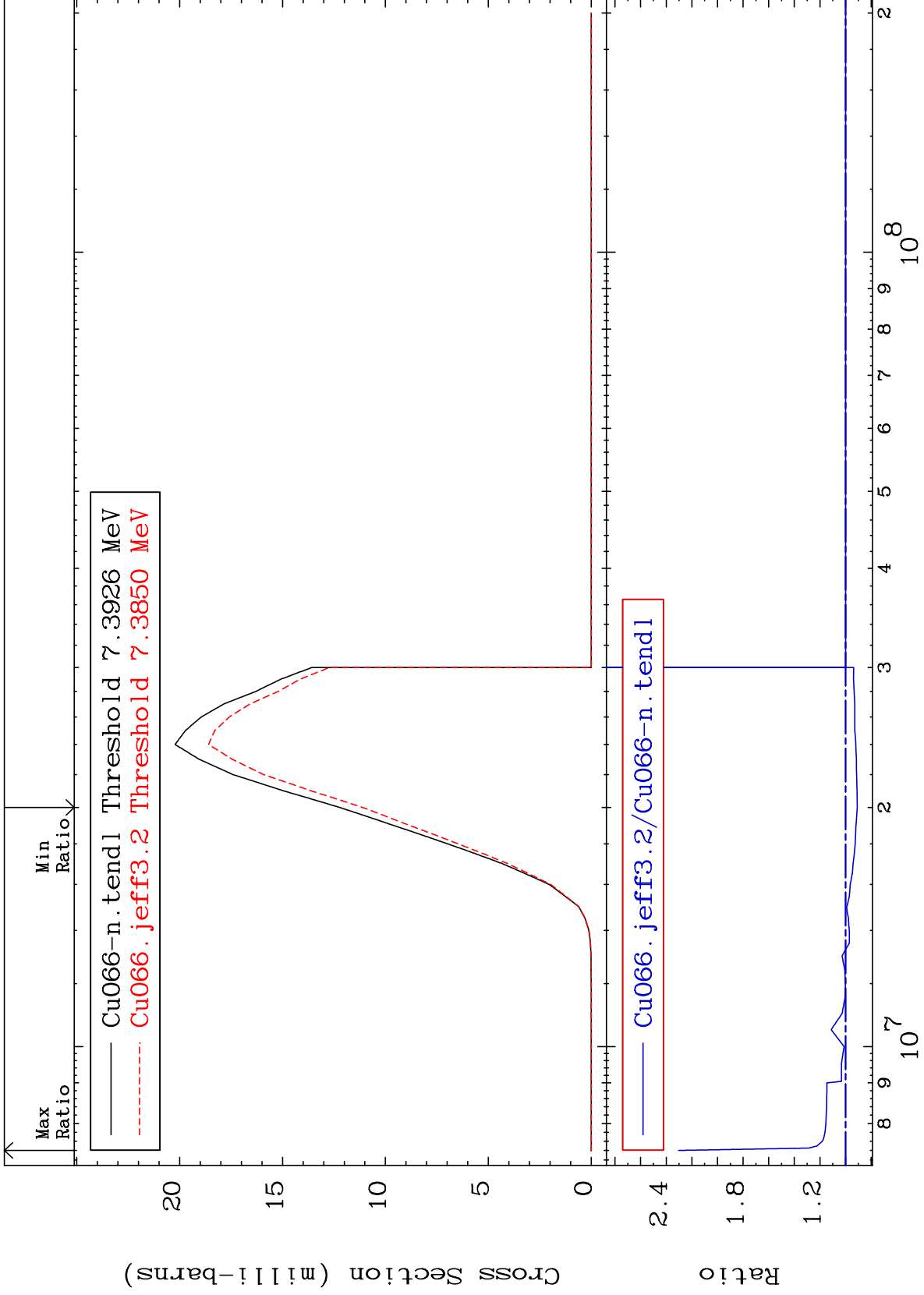


80

Incident Energy (eV)

29-Cu-66

Radionuclide Production Cross Section -9.119 To 130.3 %

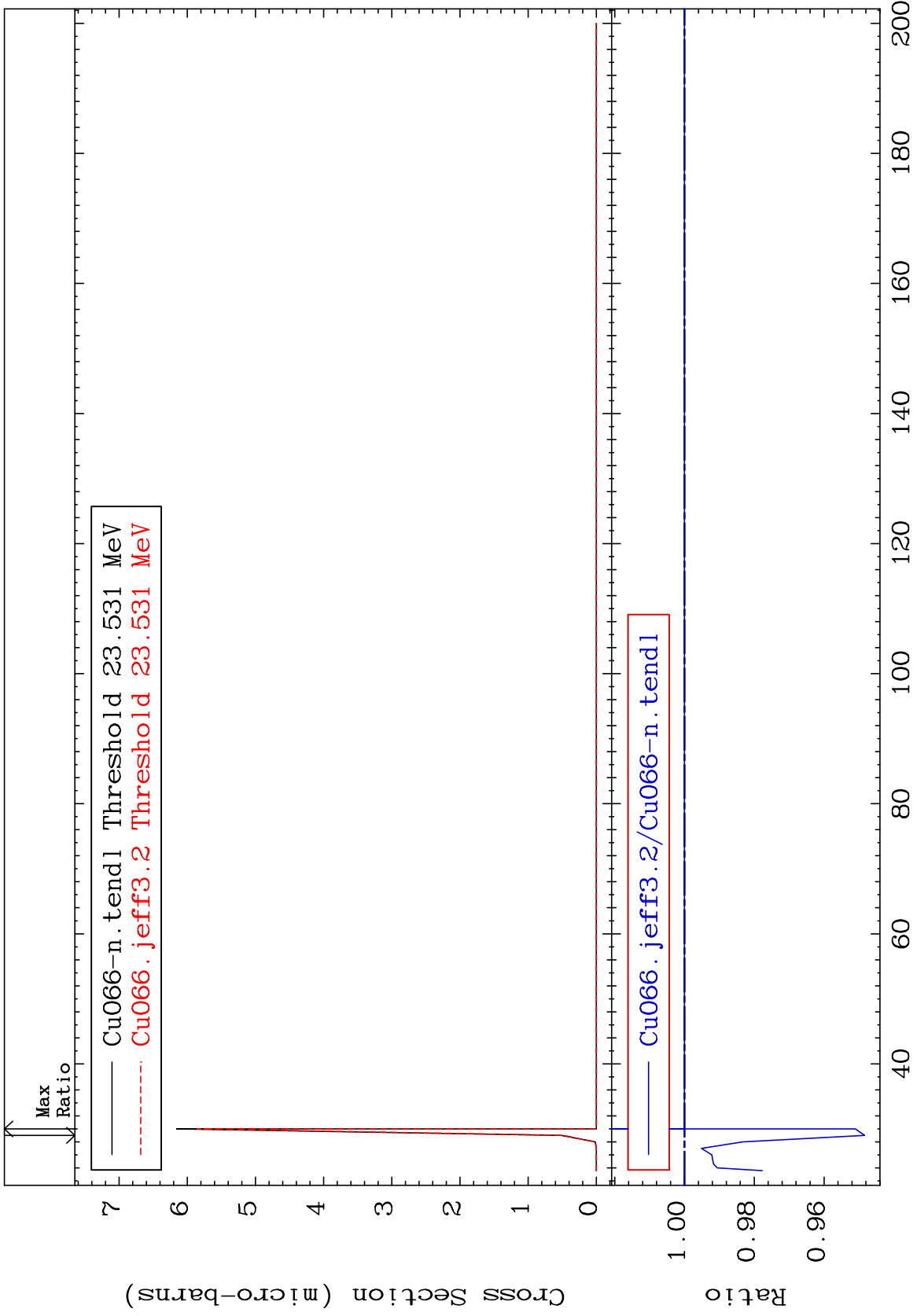


MAT 2934

(n,3n) α :27-Co-60g

29-Cu-66

Radionuclide Production Cross Section -5.163 To 0.000 %

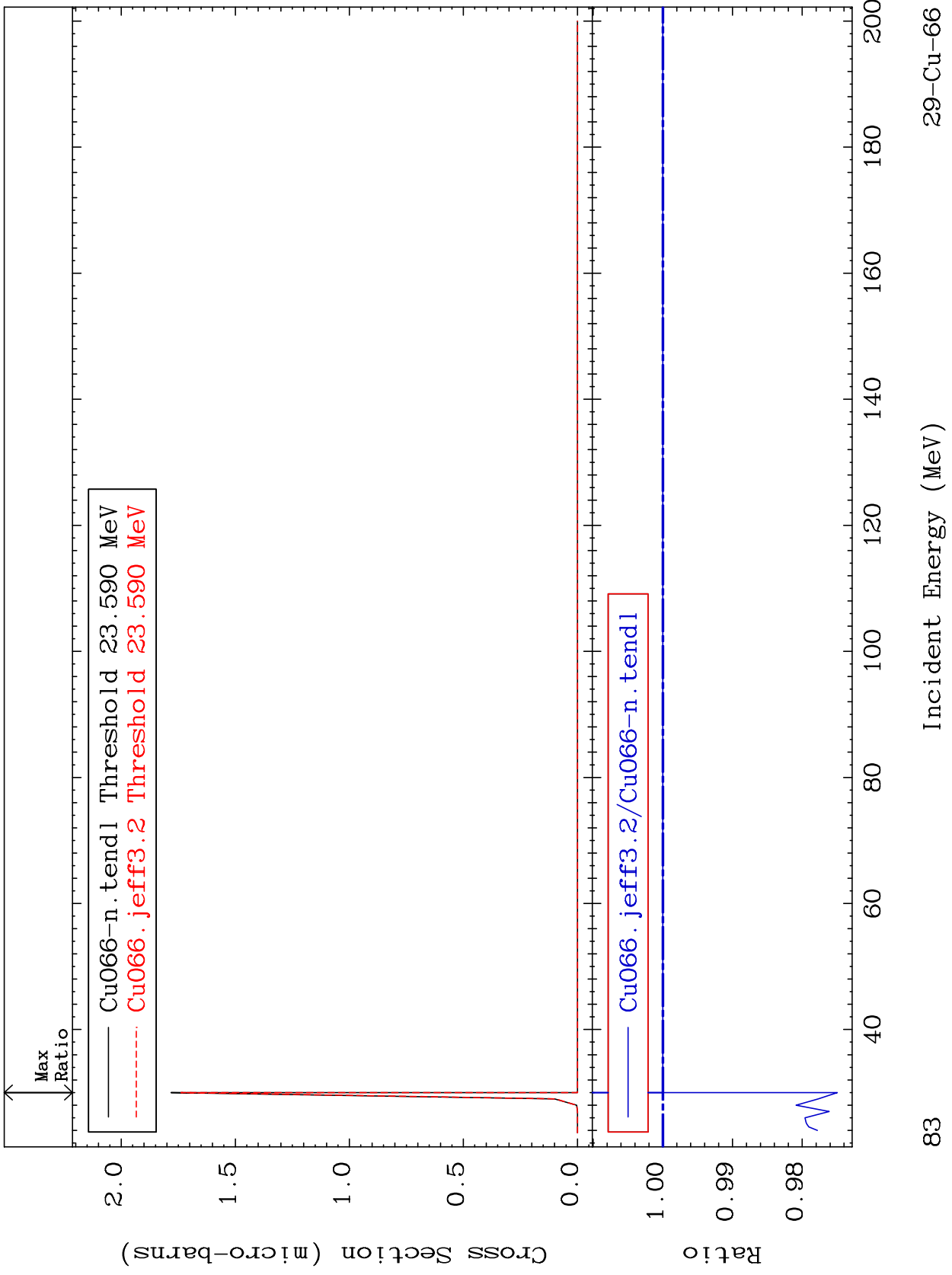


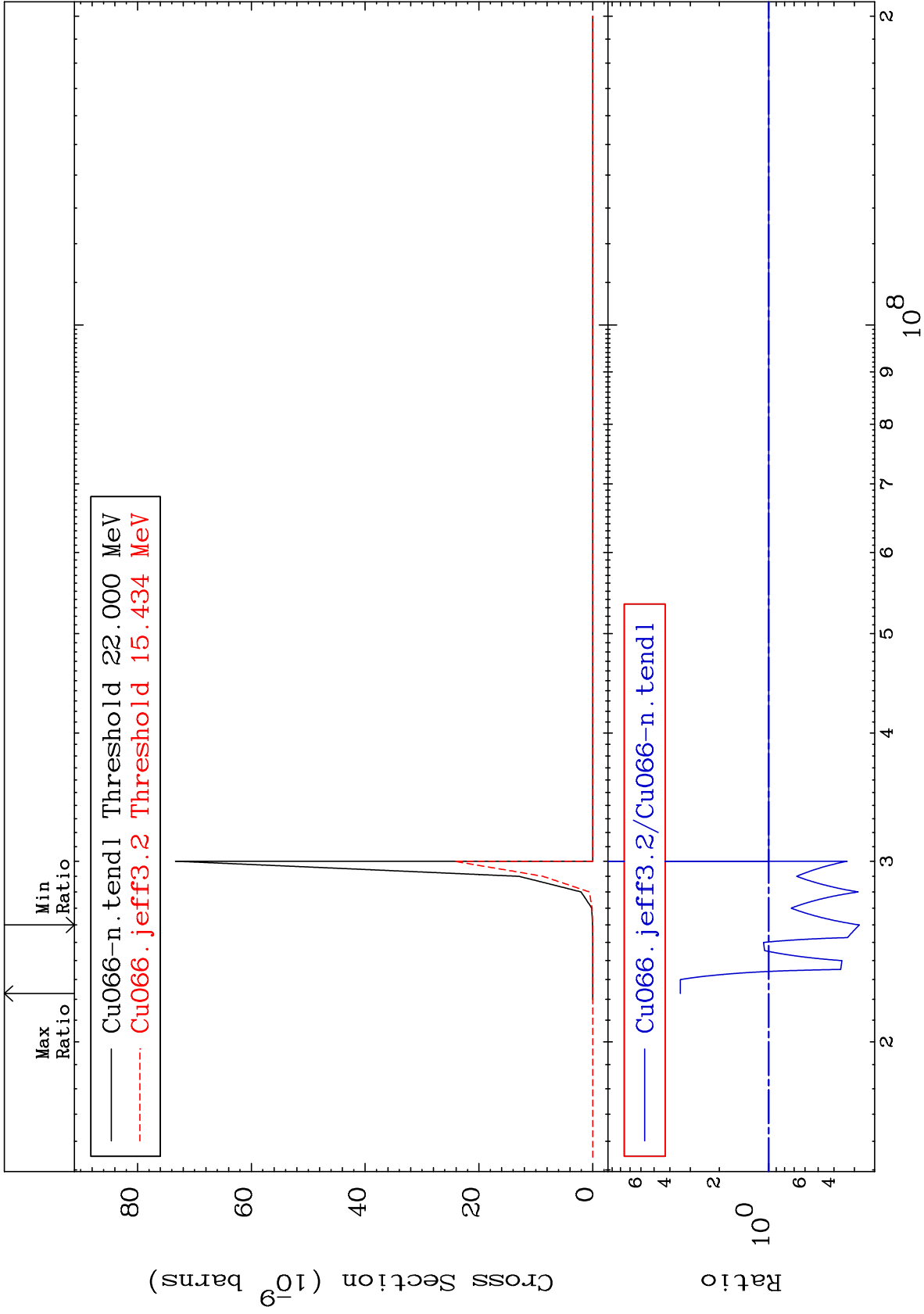
MAT 2934

(n,3n) α :27-Co-60m1

29-Cu-66

Radionuclide Production Cross Section -2.503 To 0.000 %





Radionuclide Production Cross Section -3.281 To 215.6 %

