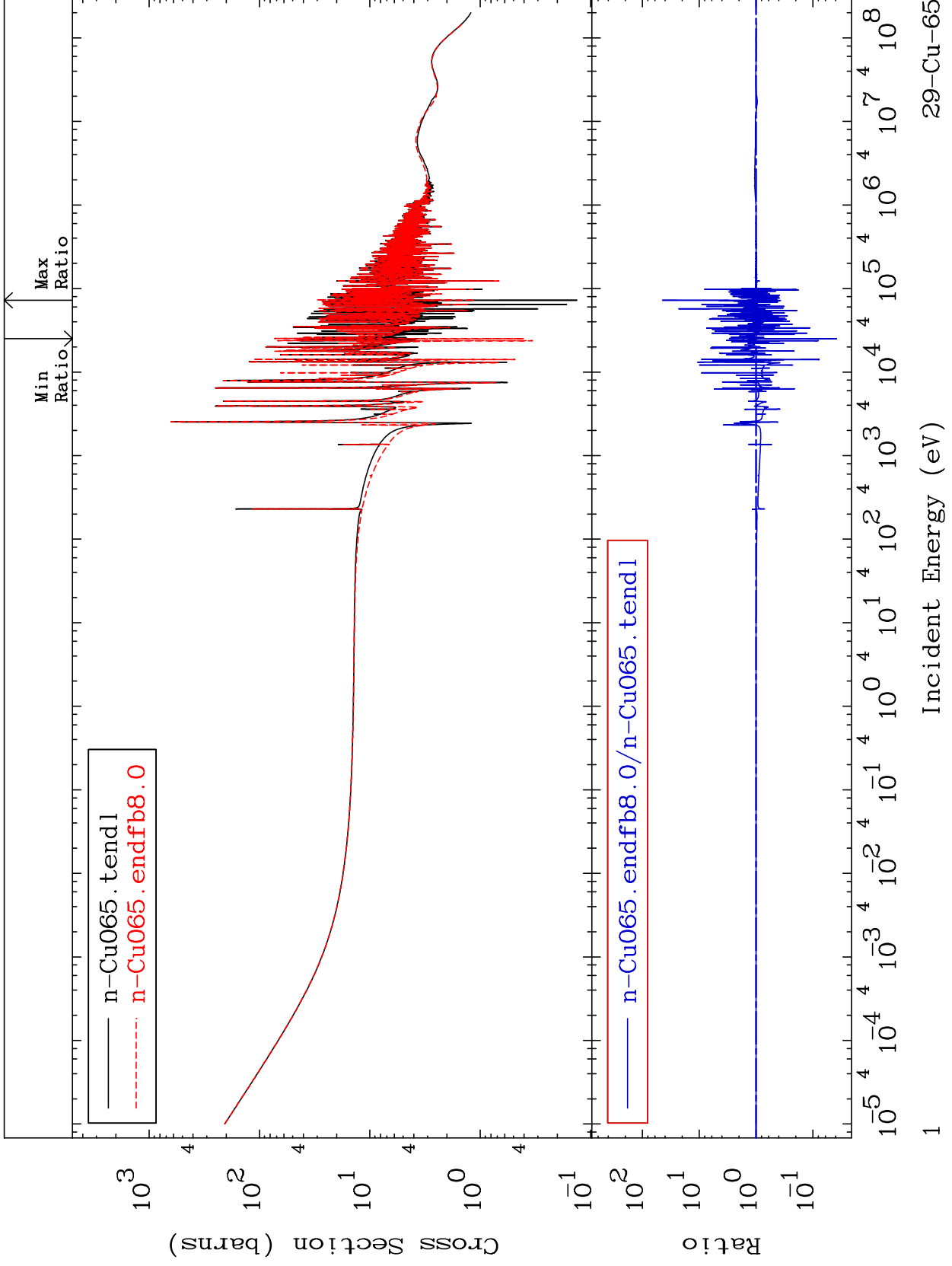


MAT 2931

Total
Cross Section

29-Cu-65
-96.17 To 4364. %

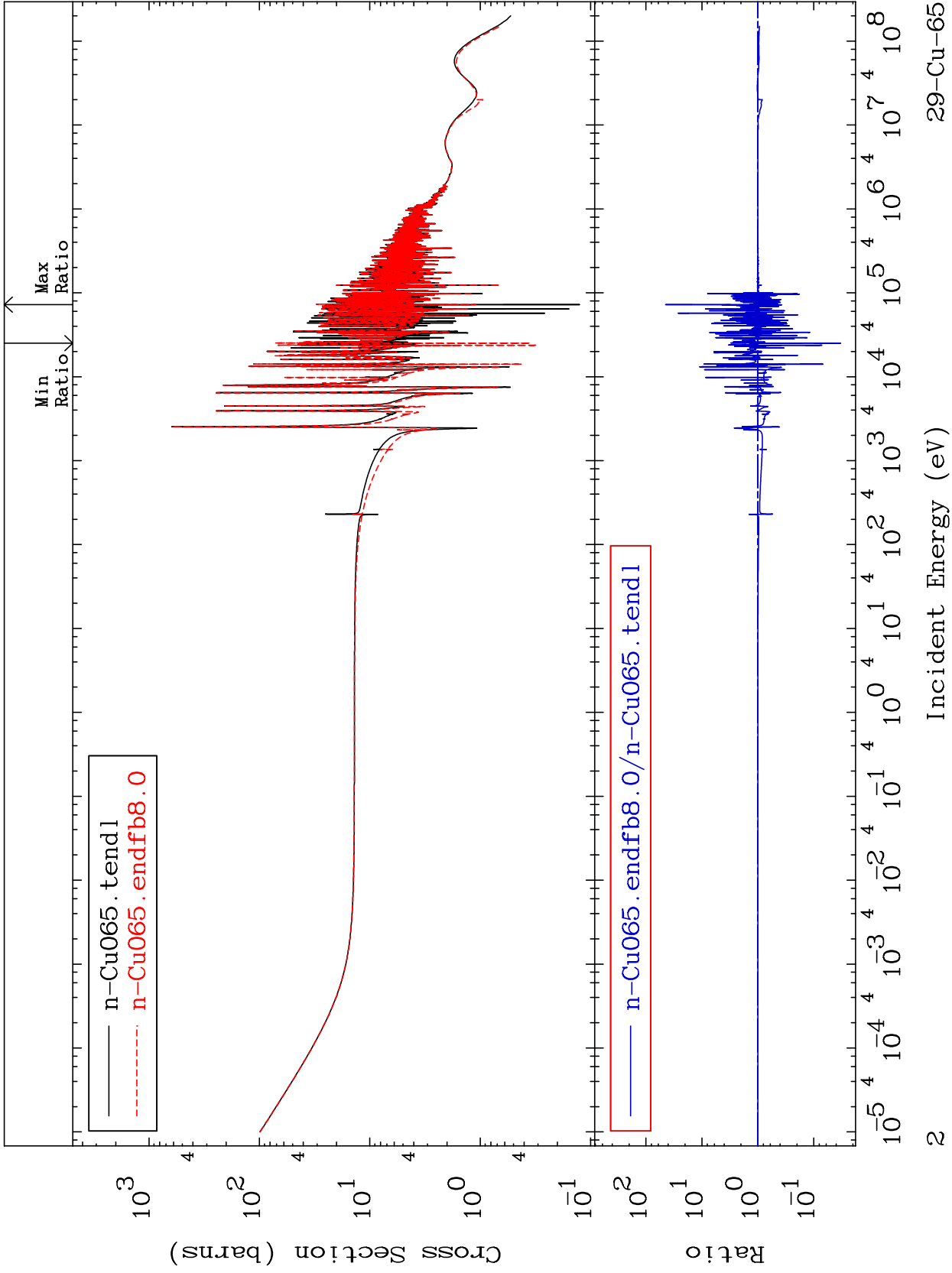


29-Cu-65

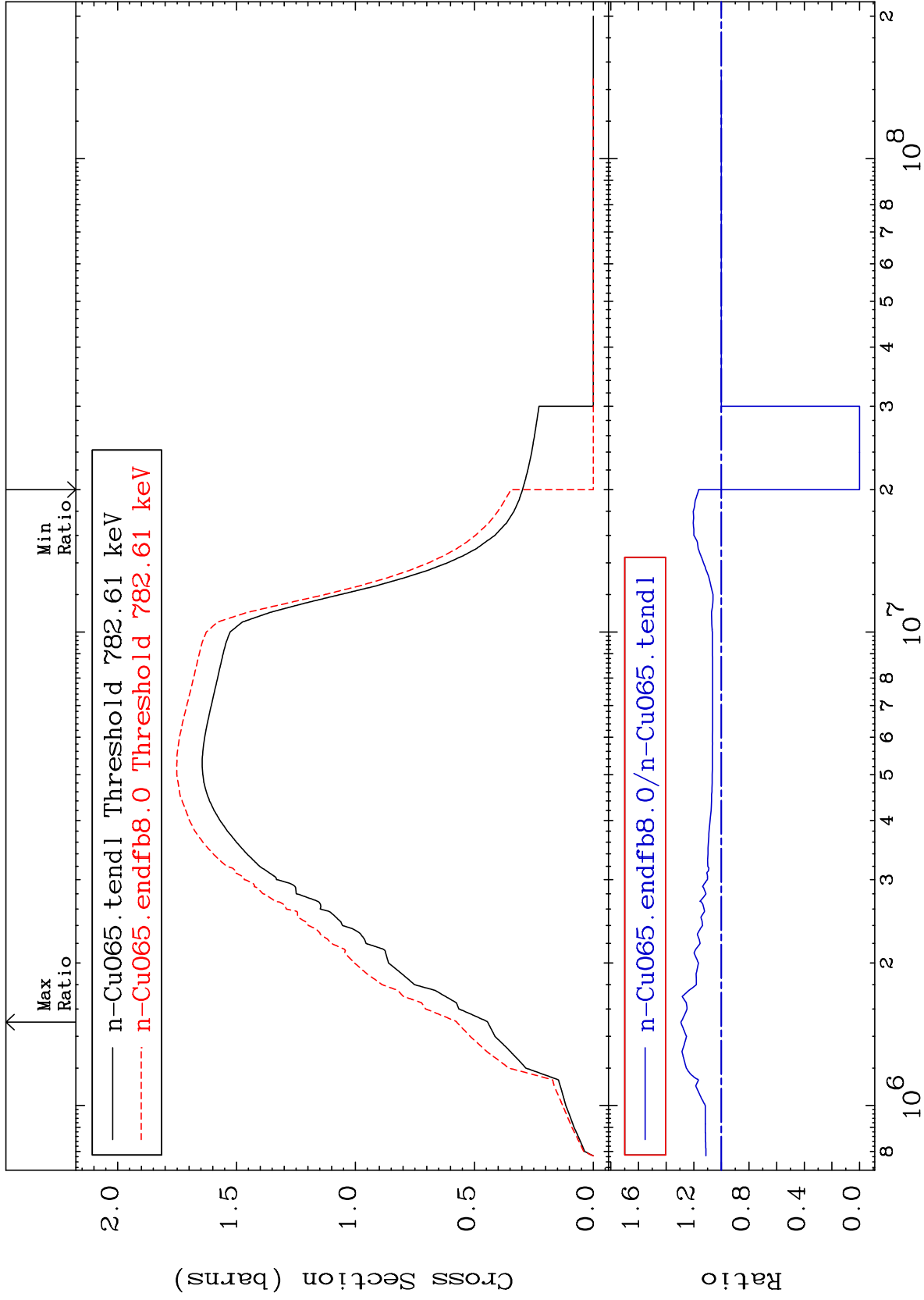
MAT 2931

Elastic
Cross Section

29-Cu-65
-96.68 To 4370. %



MAT 2931 Inelastic Cross Section -100.0 To 29.39 % 29-Cu-65

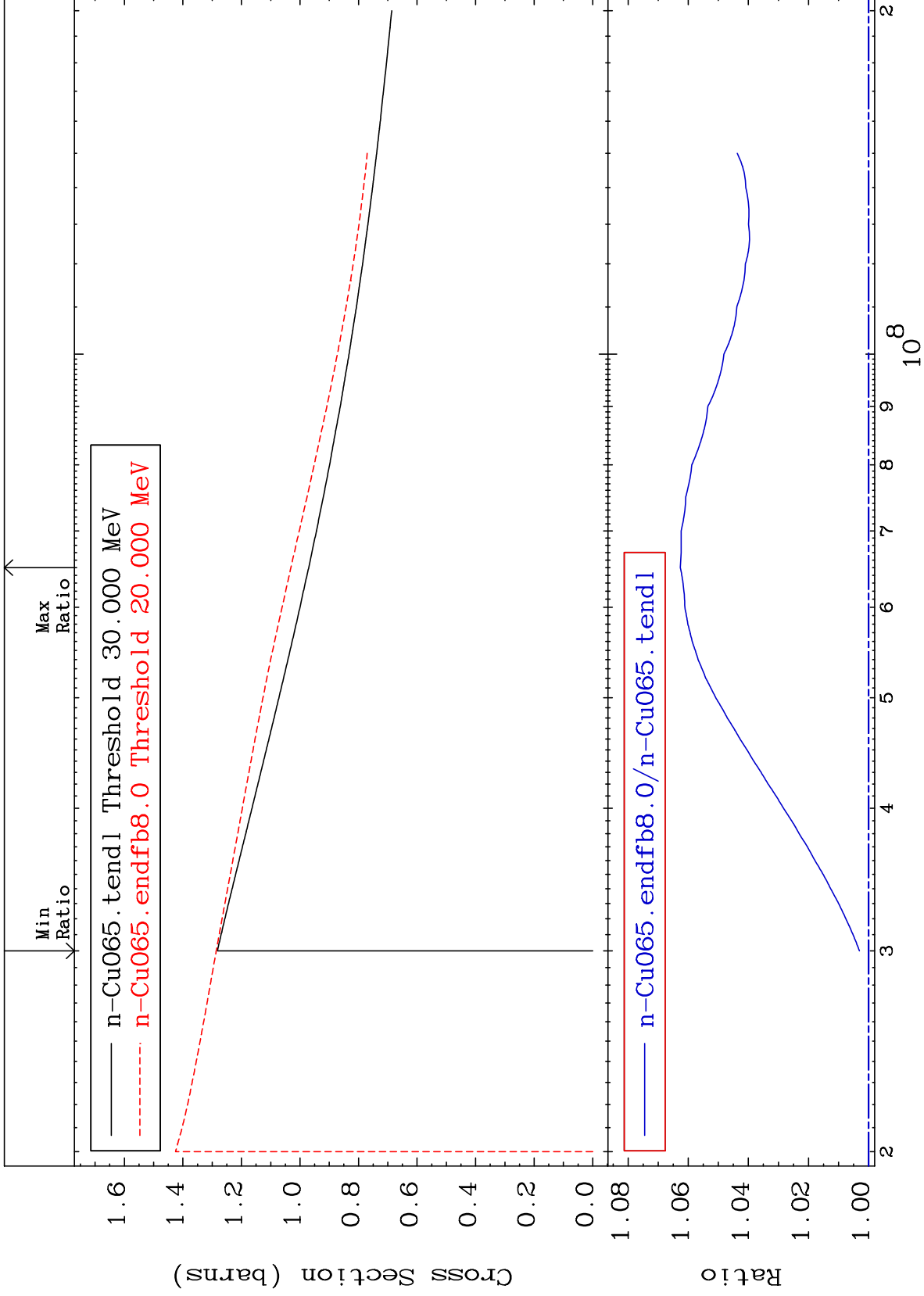


3 Incident Energy (eV) 29-Cu-65

MAT 2931

(n, remainder)
Cross Section

0.305 To 6.263 %
29-Cu-65



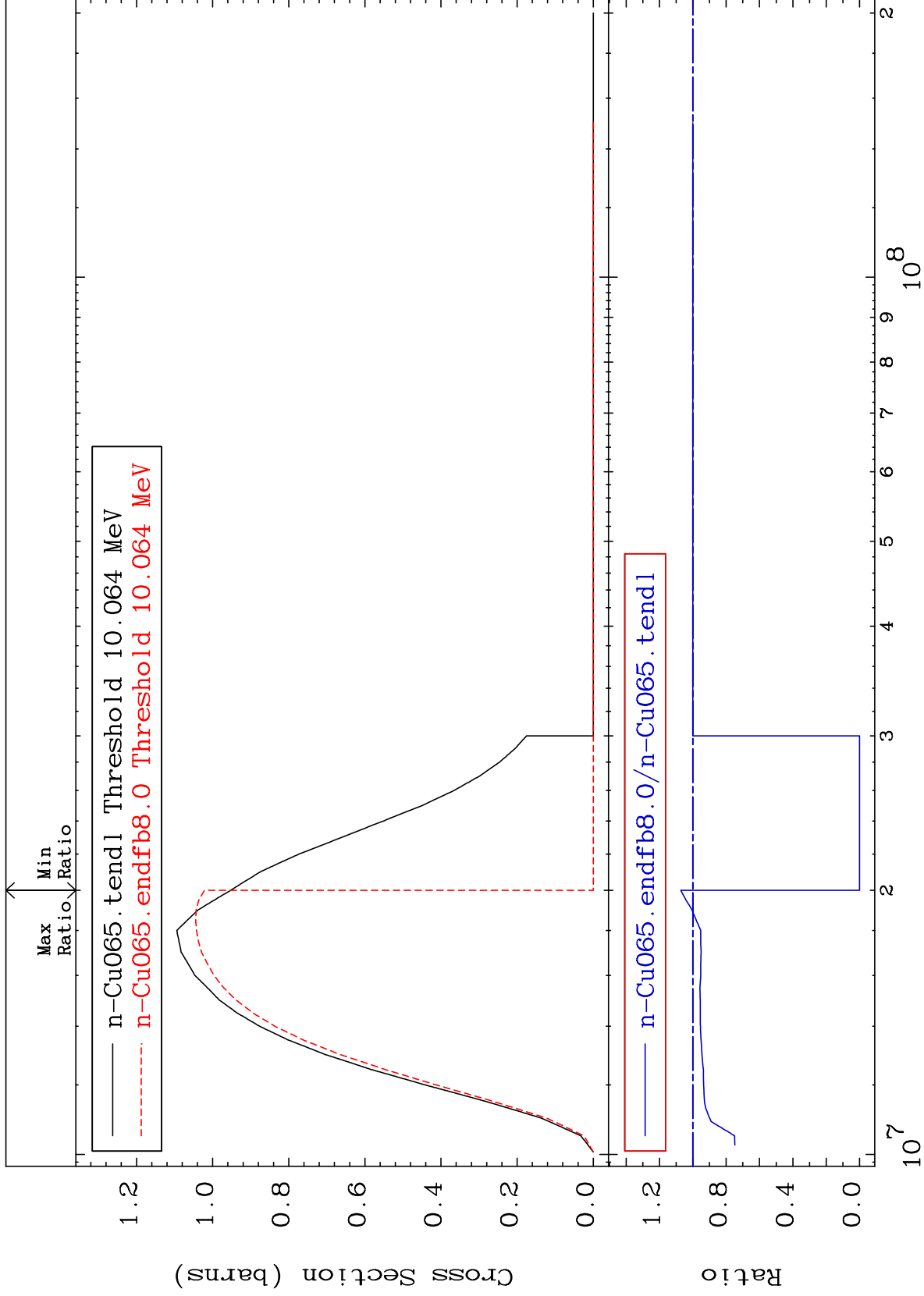
MAT 2931

(n,2n)

29-Cu-65

Cross Section

-100.0 To 7.219 %



29-Cu-65

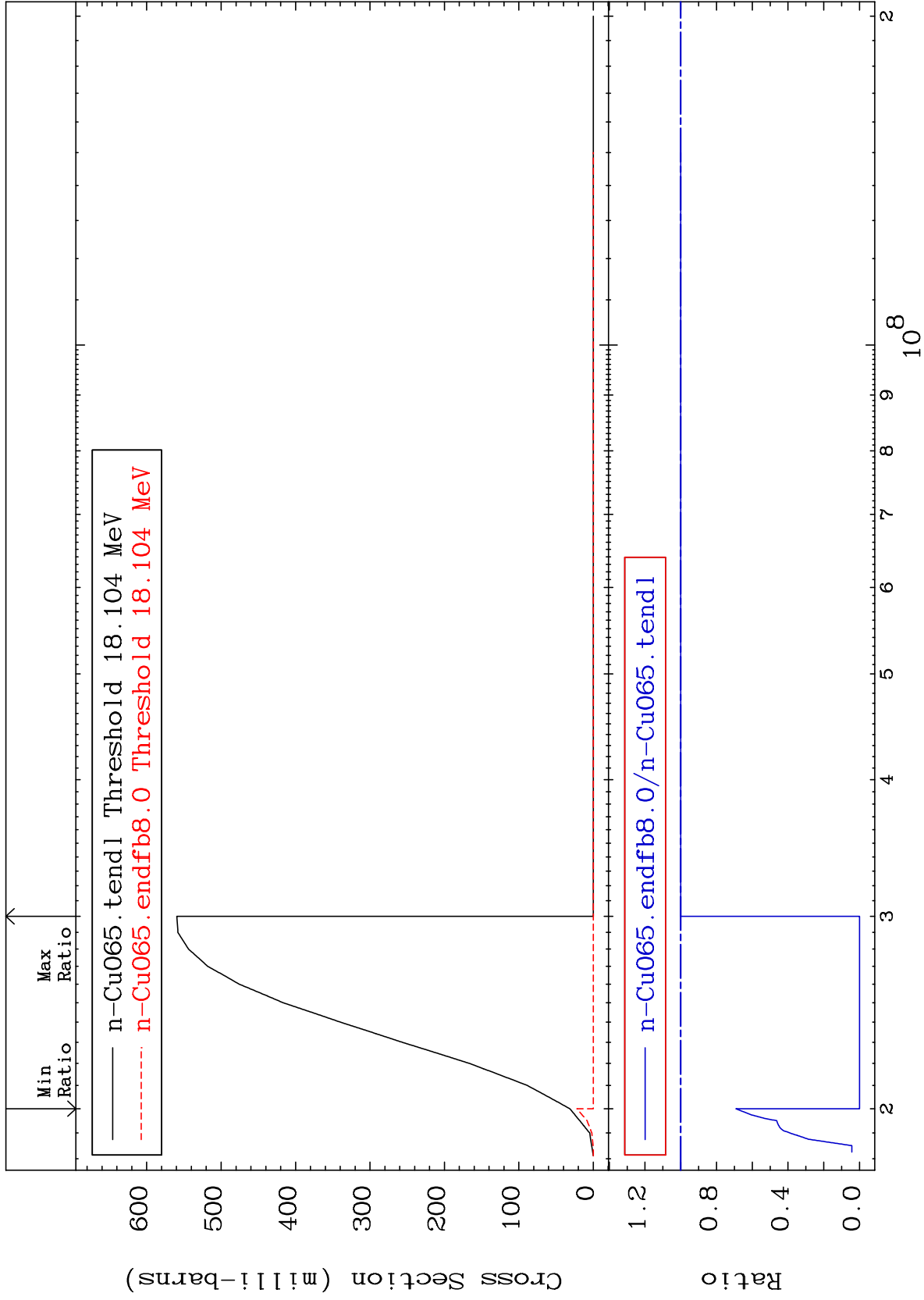
MAT 2931

(n,3n)

²⁹Cu-65

Cross Section

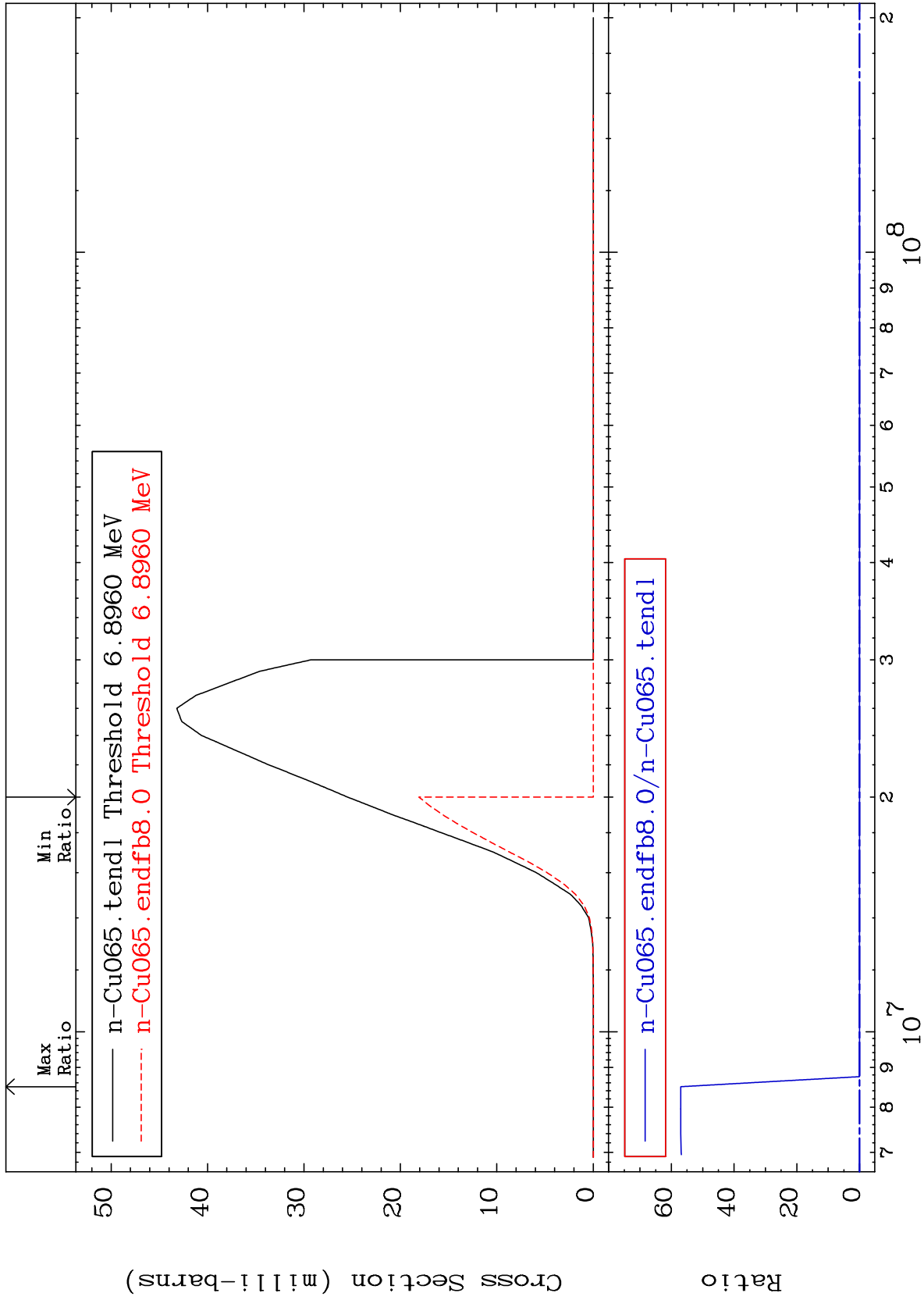
-100.0 To 0.000 %



MAT 2931

(n,n') α
Cross Section

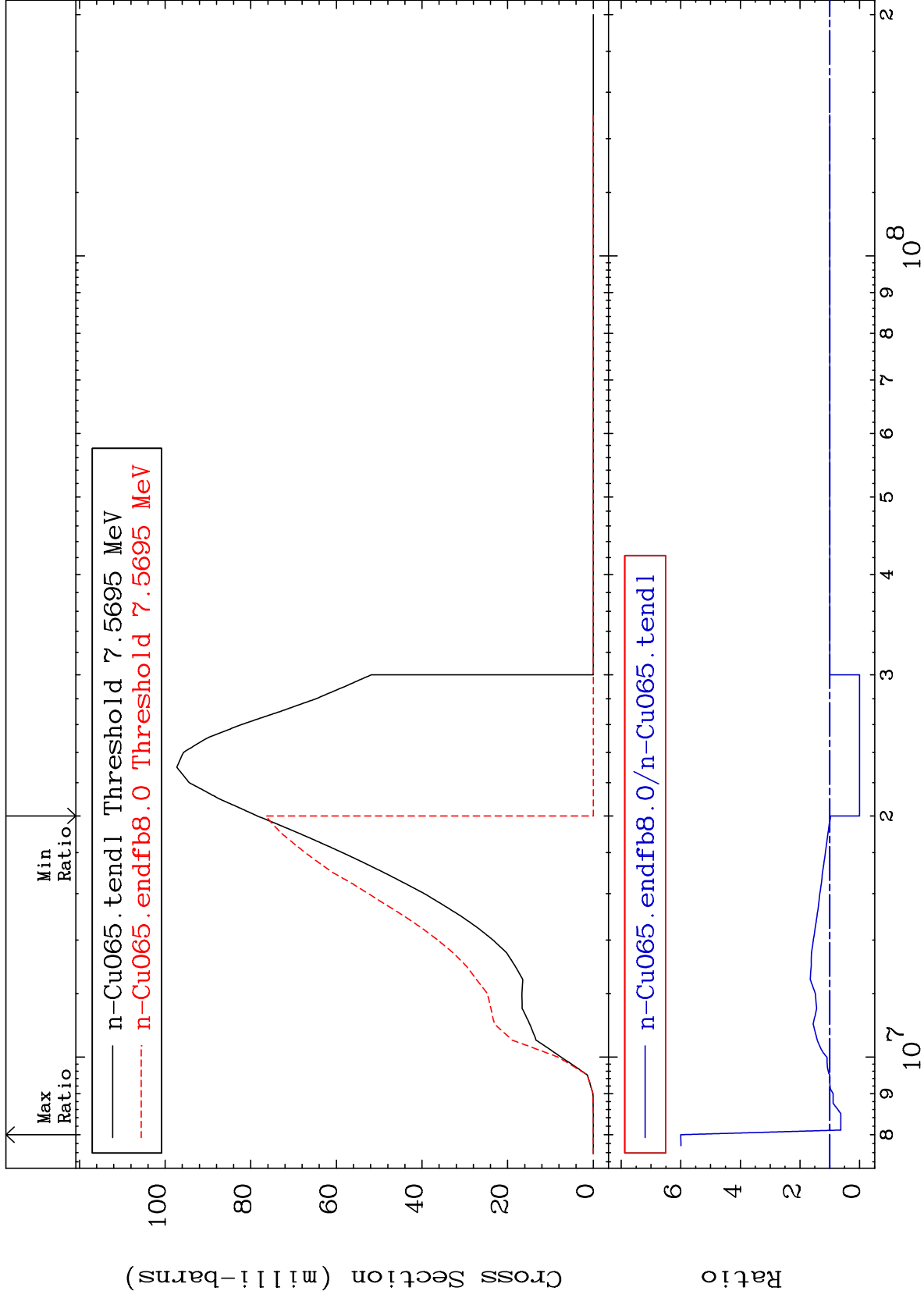
29-Cu-65
-100.0 To 9999. %



MAT 2931

(n,n') p
Cross Section

29-Cu-65
-100.0 To 500.1 %



8

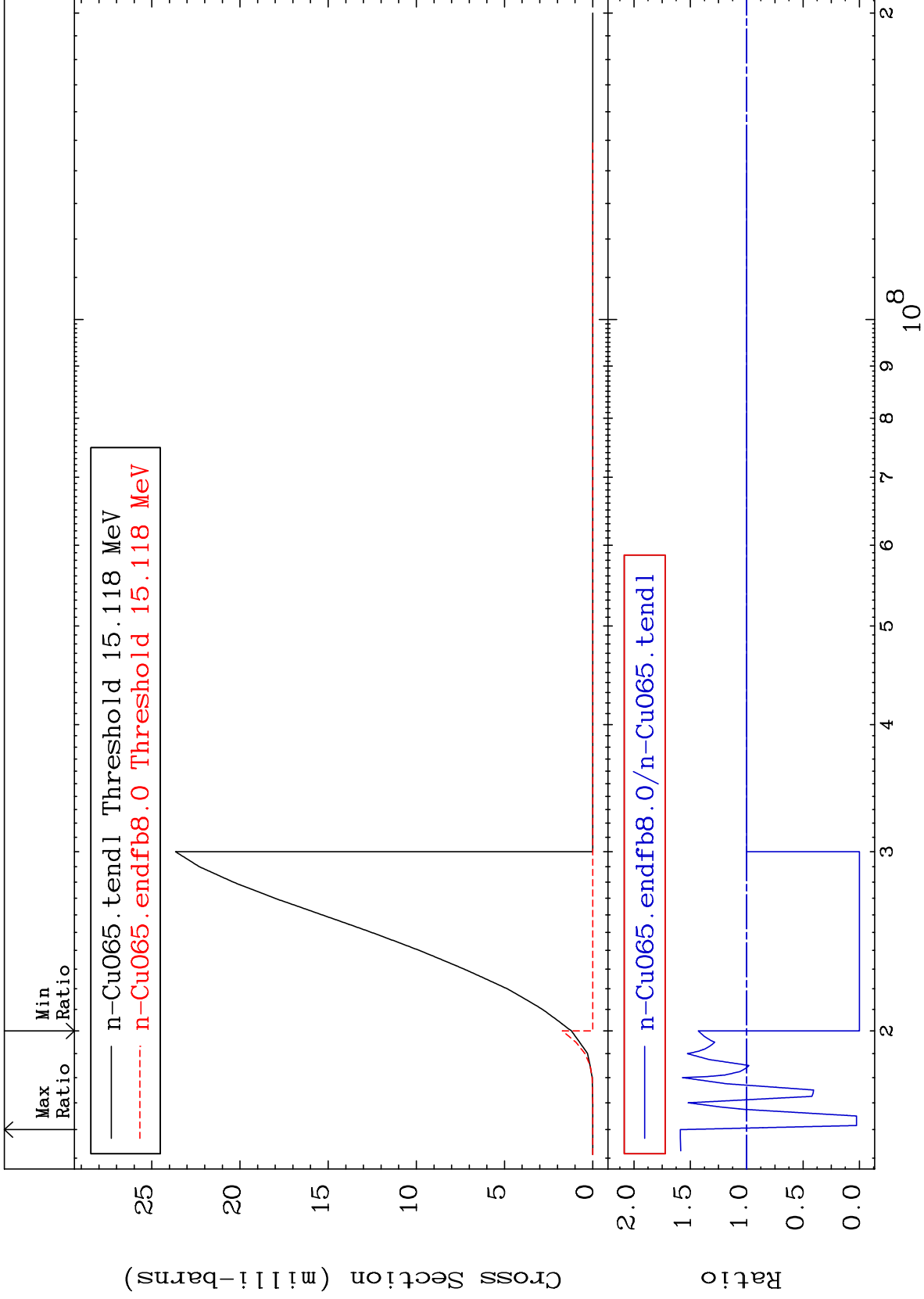
Incident Energy (eV)

29-Cu-65

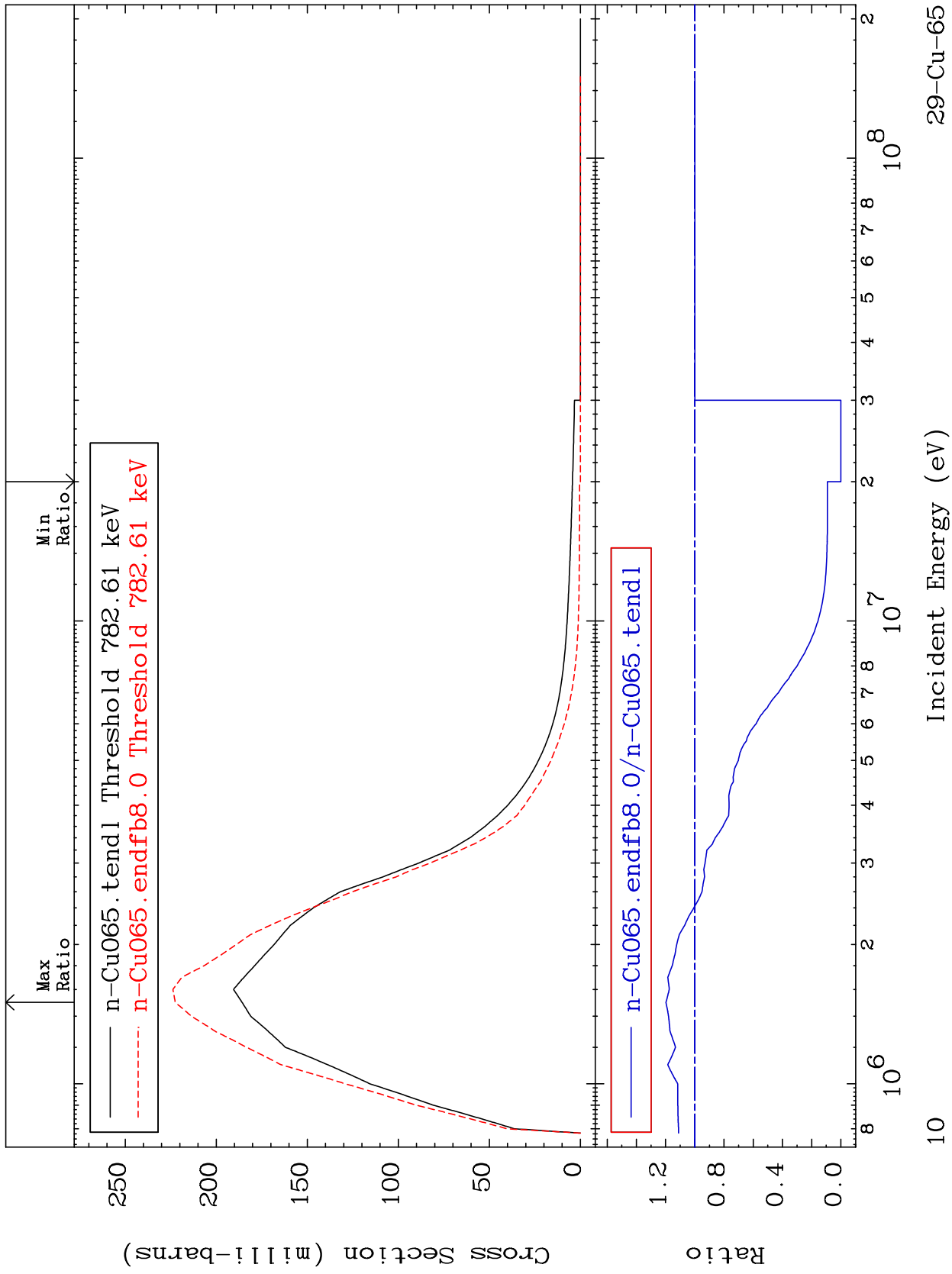
MAT 2931

(n,n') d
Cross Section

²⁹-Cu-65
-100.0 To 58.84 %



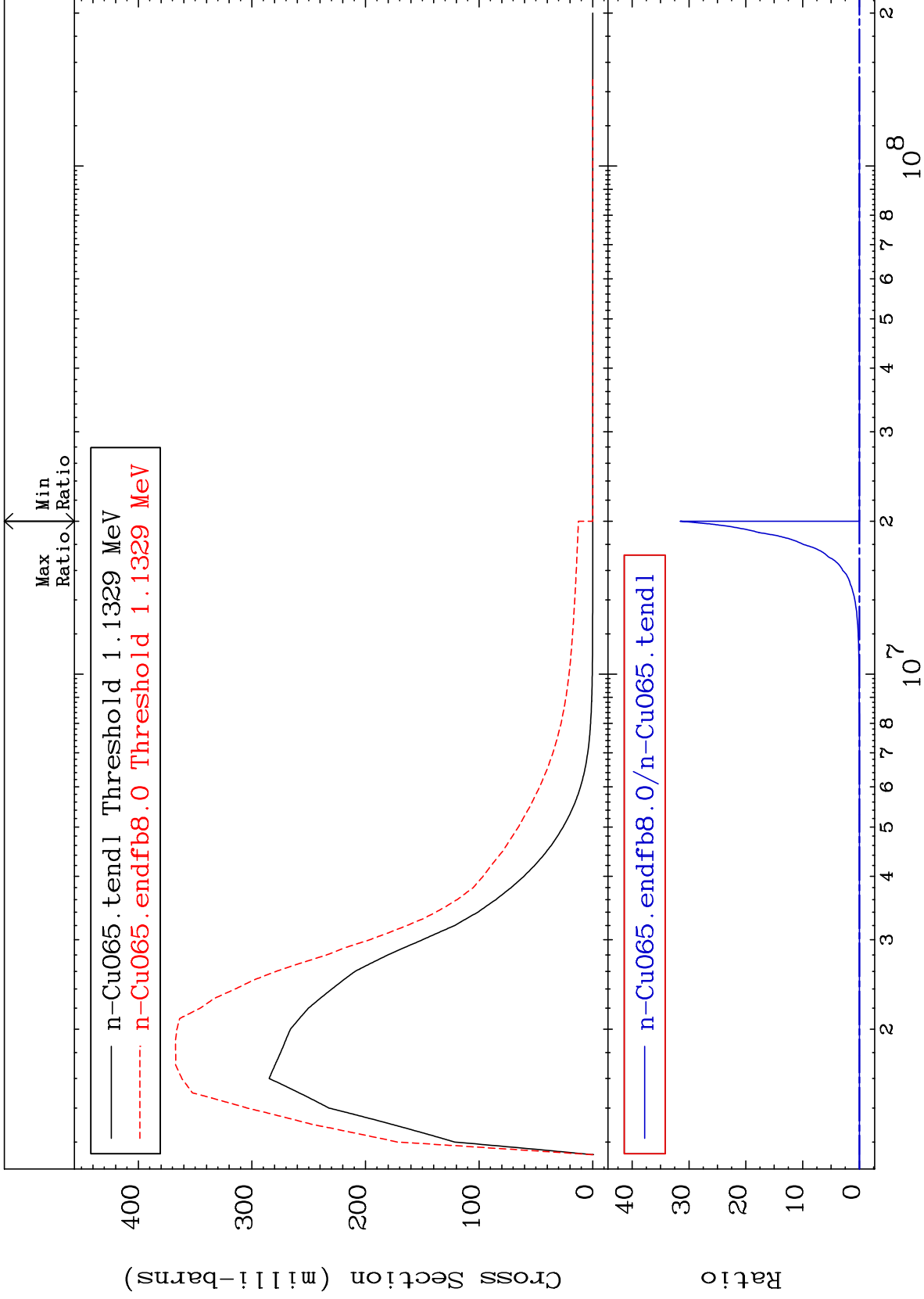
MAT 2931 MT= 51 (n,n') Level Cross Section -100.0 To 19.75 % 29-Cu-65



MAT 2931

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

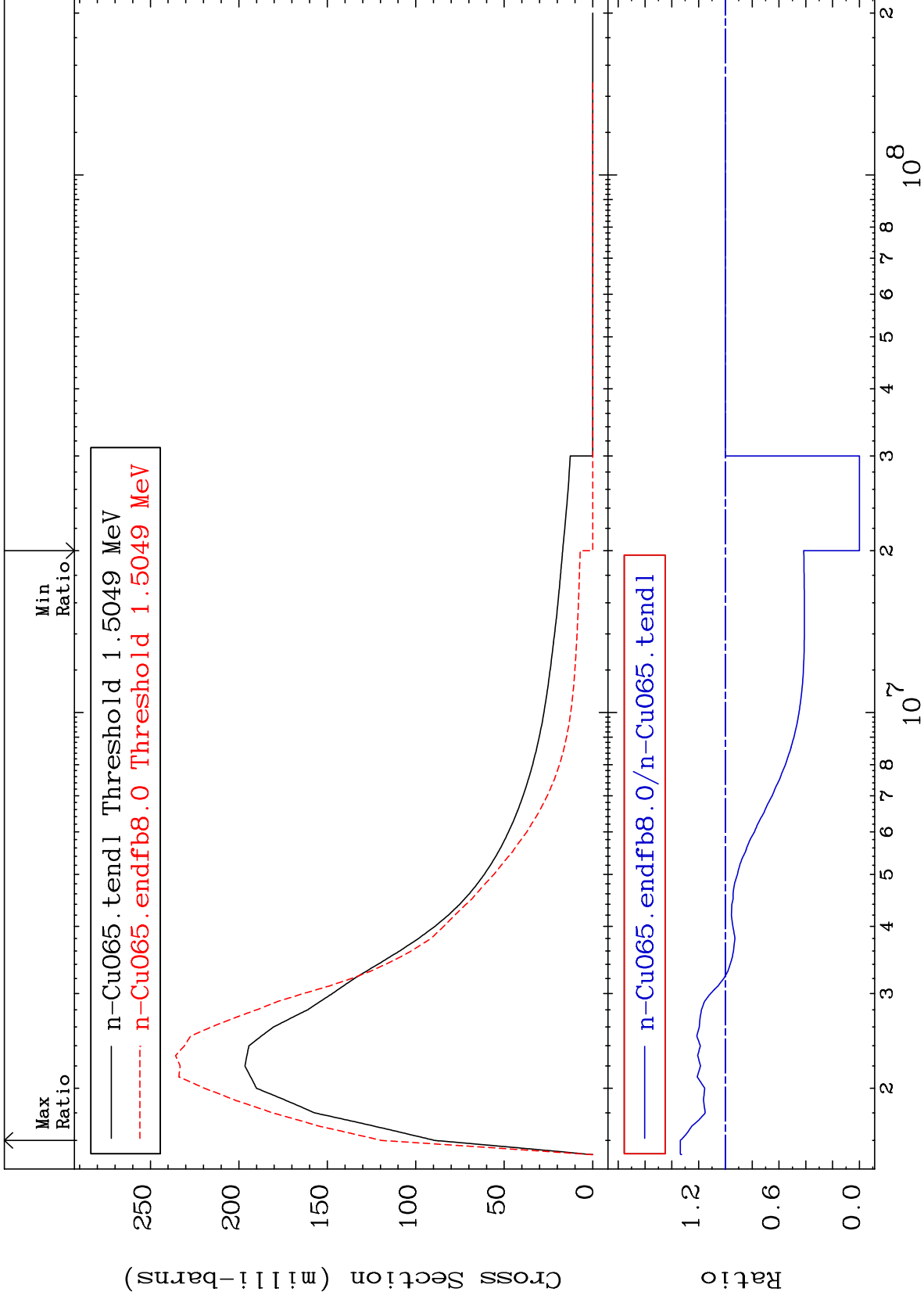
29-Cu-65
-100.0 To 9999. %



MAT 2931

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

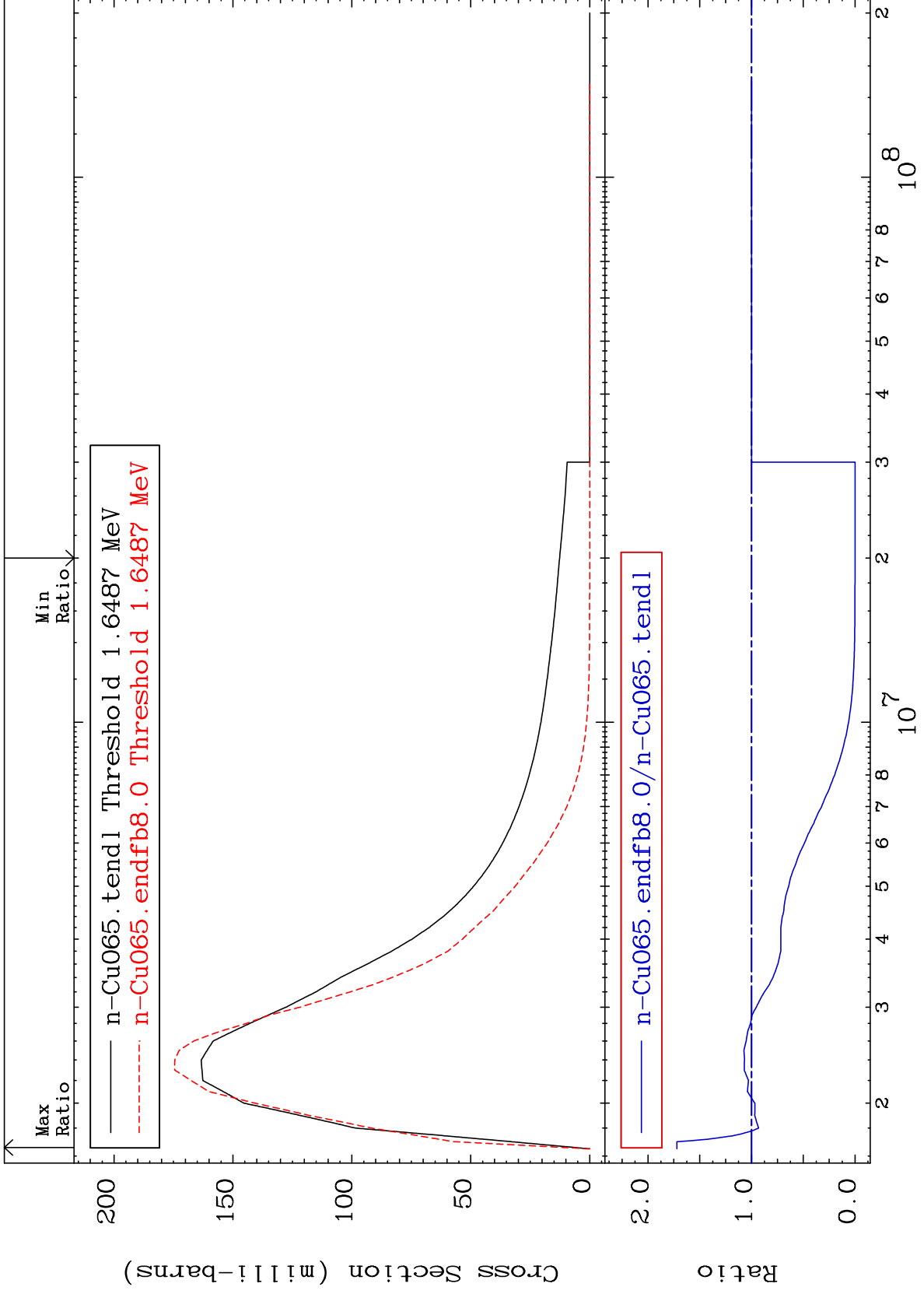
29-Cu-65
-100.0 To 33.60 %



MAT 2931

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

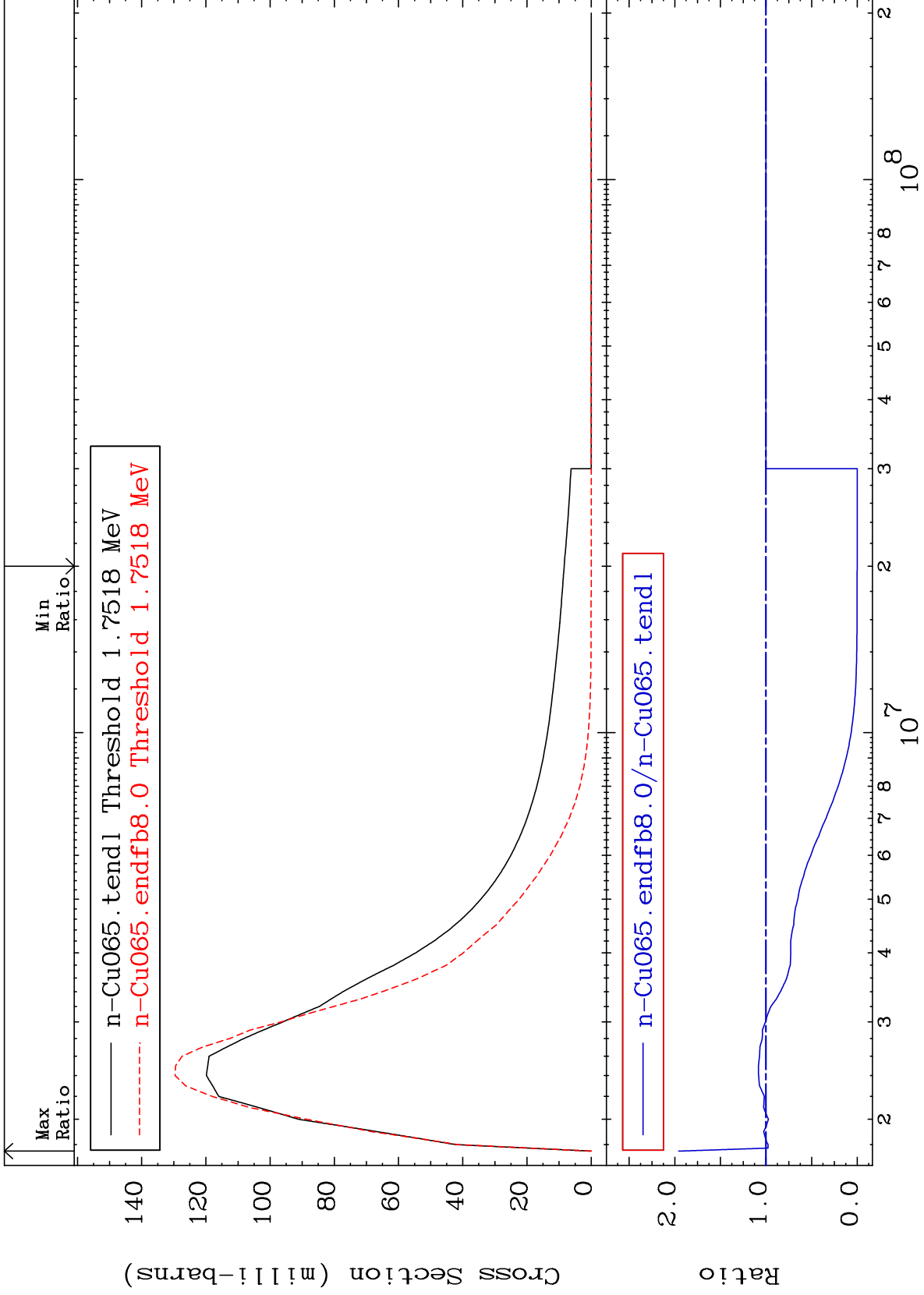
29-Cu-65
-100.0 To 72.03 %



MAT 2931

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

29-Cu-65
-100.0 To 95.74 %



14

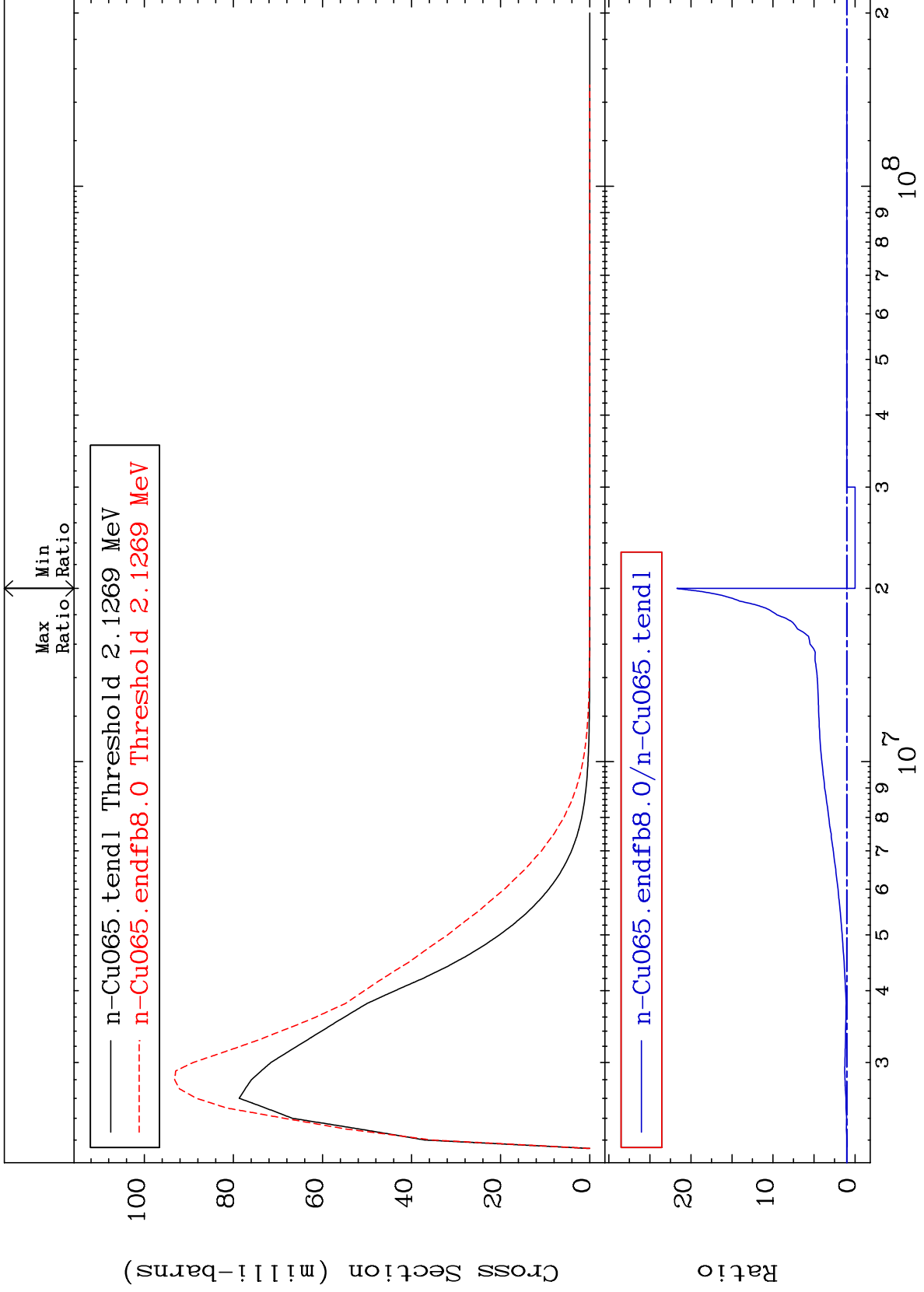
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65
-100.0 To 2071. %



15

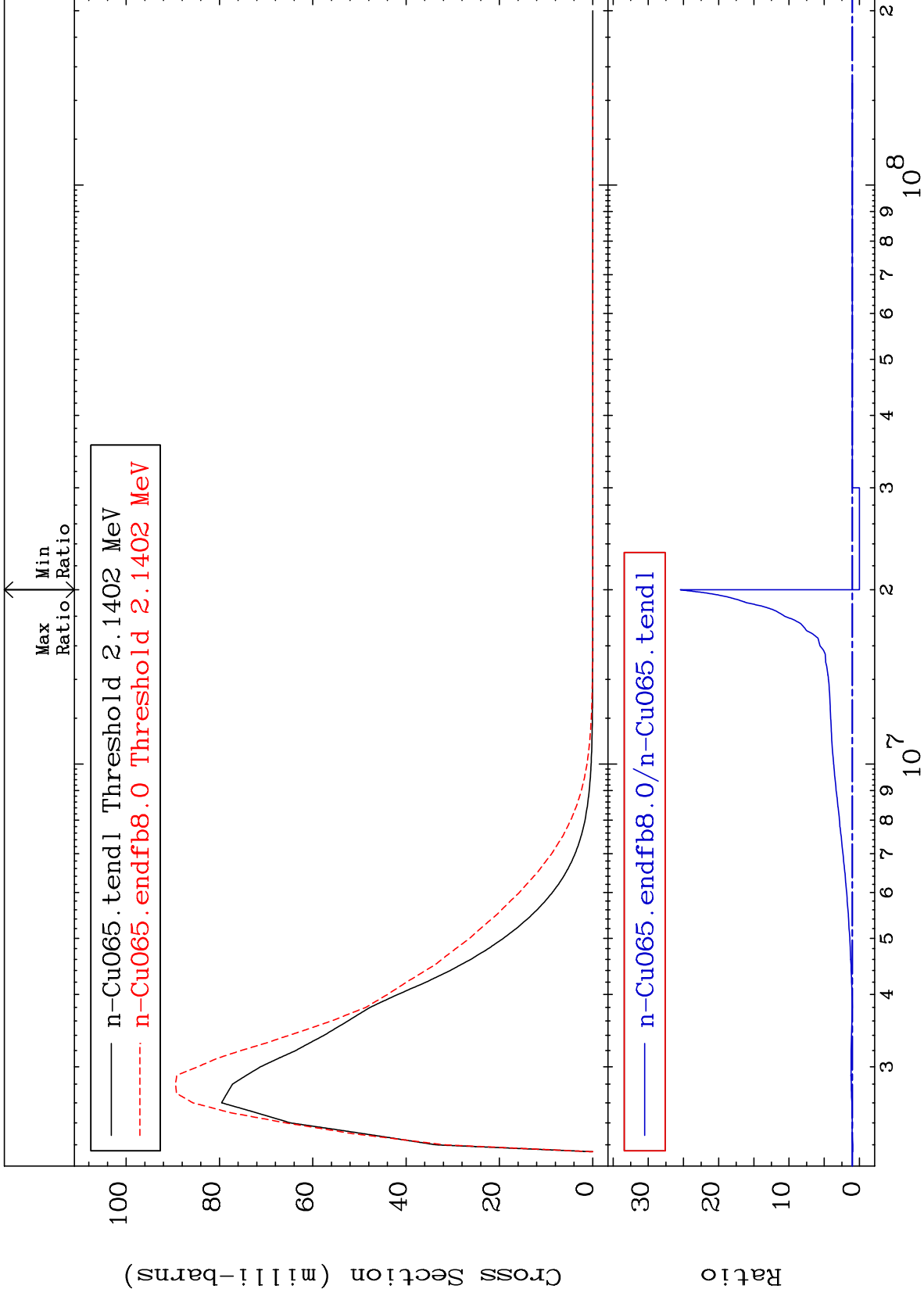
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65
-100.0 To 2444. %



16

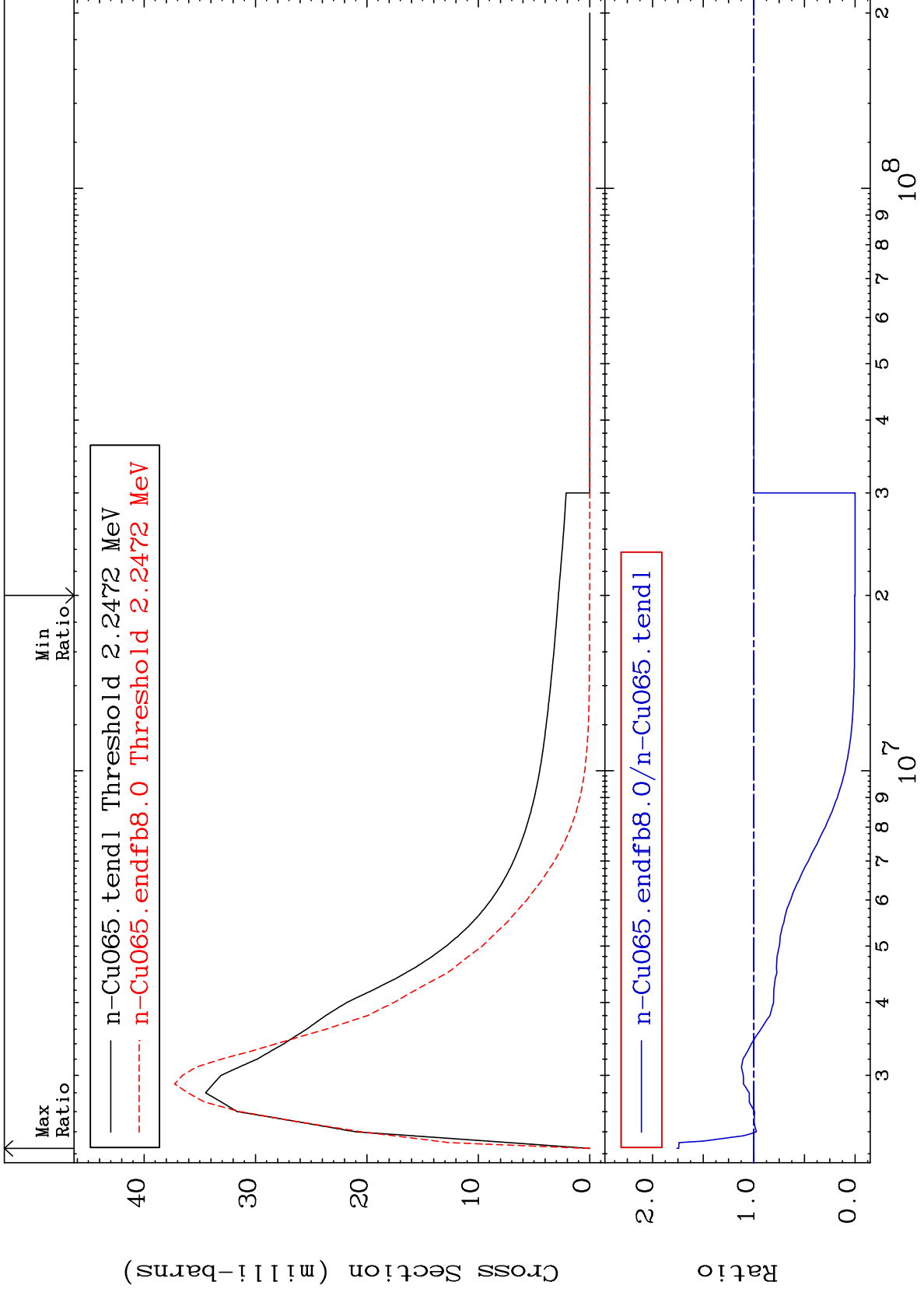
Incident Energy (eV)

29-Cu-65

MAT 2931

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

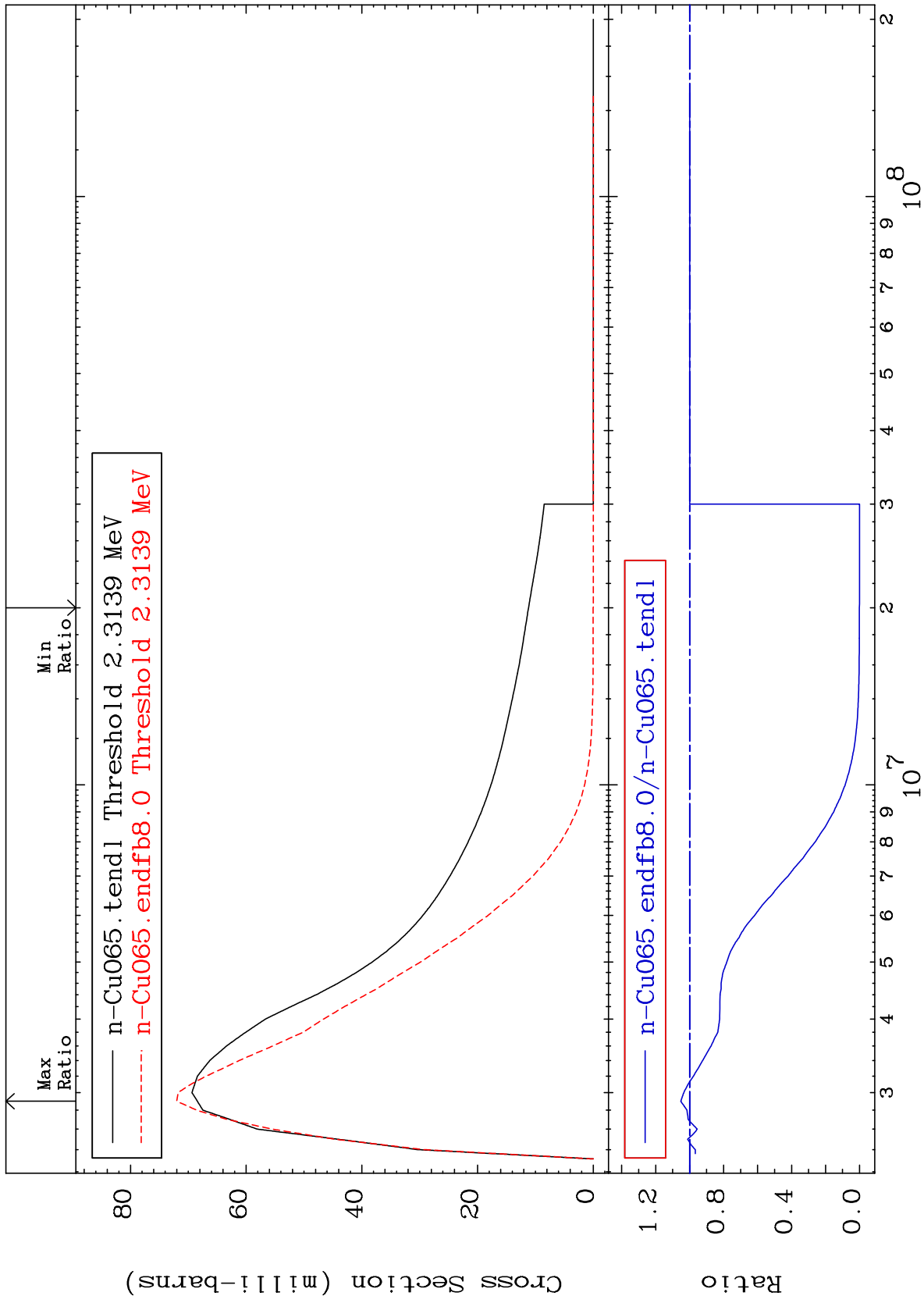
29-Cu-65
-100.0 To 76.00 %



17

29-Cu-65

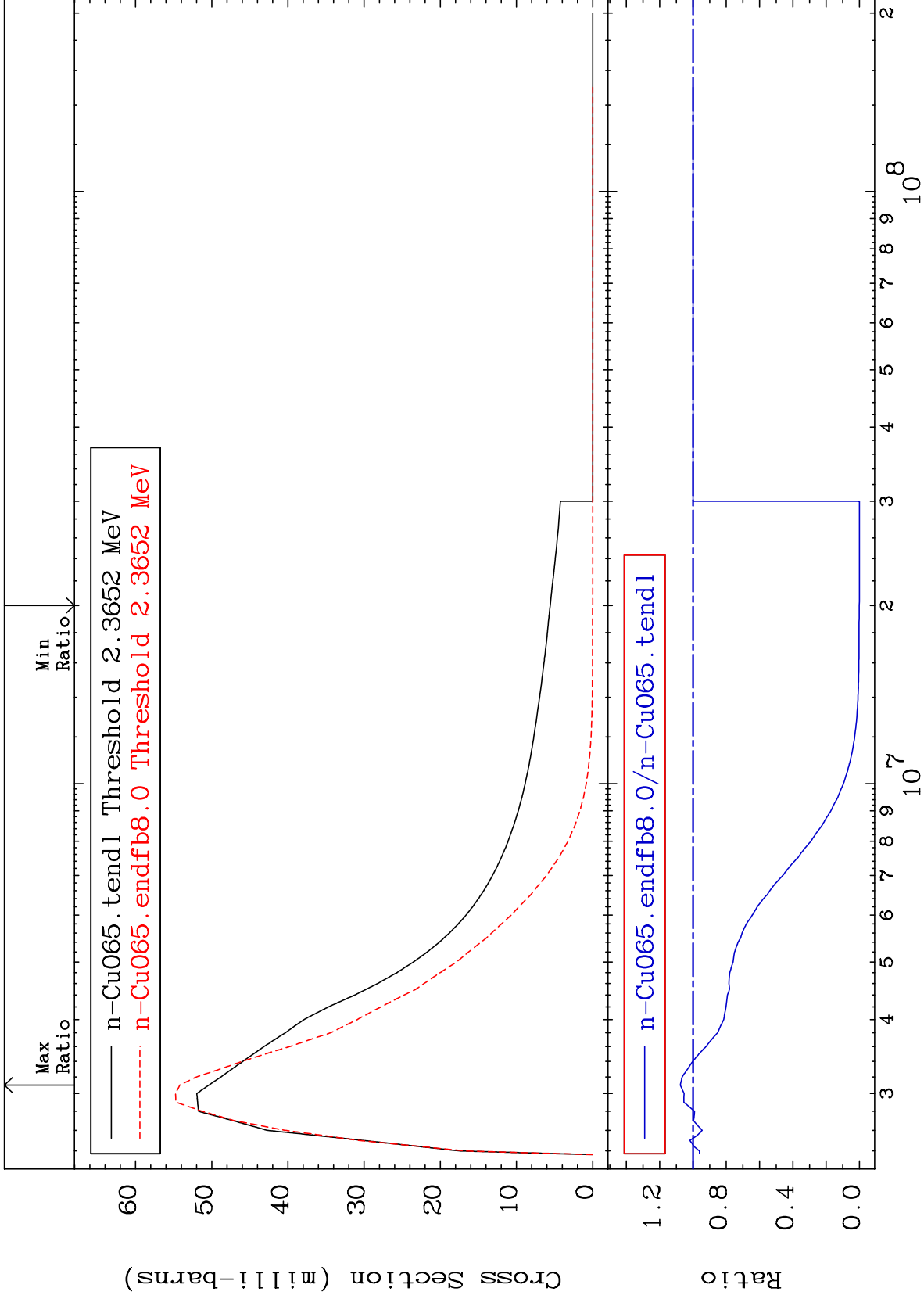
MAT 2931 MT= 59 (n,n') Level Cross Section 29-Cu-65 -100.0 To 5.215 %



MAT 2931

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

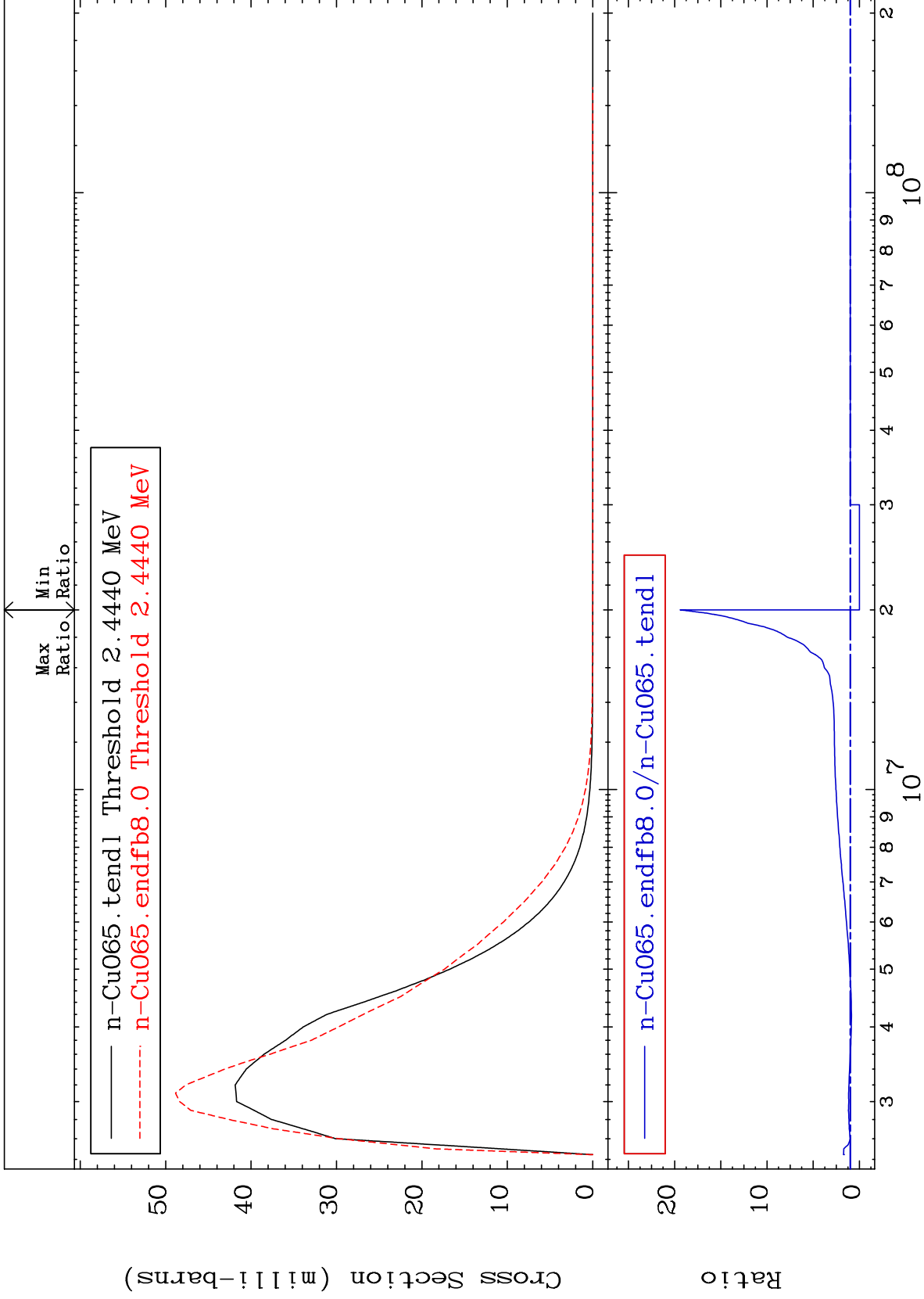
29-Cu-65
-100.0 To 7.581 %



MAT 2931

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

29-Cu-65
-100.0 To 1838. %



20

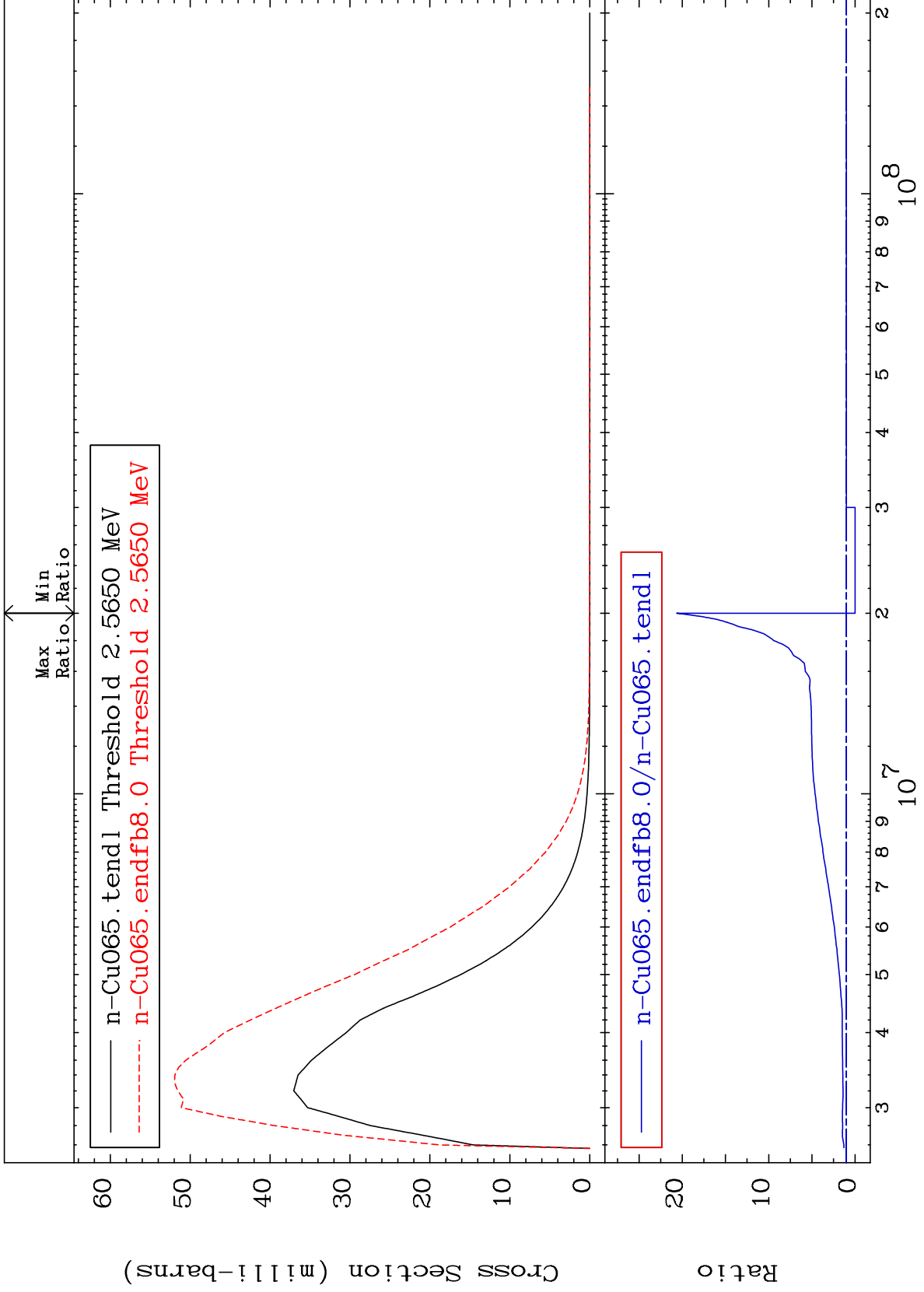
Incident Energy (eV)

29-Cu-65

MAT 2931

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

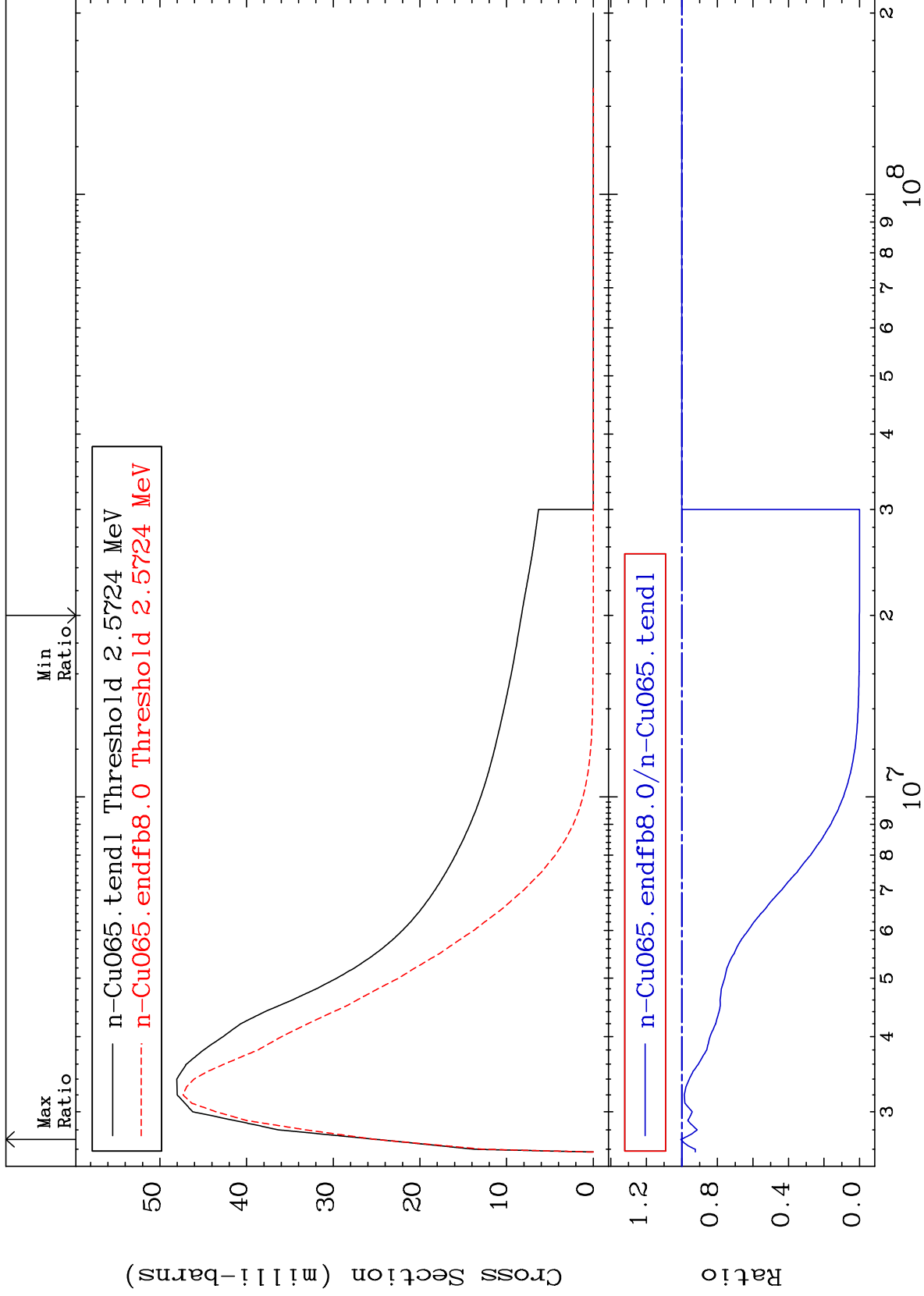
29-Cu-65
-100.0 To 1962. %



MAT 2931

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

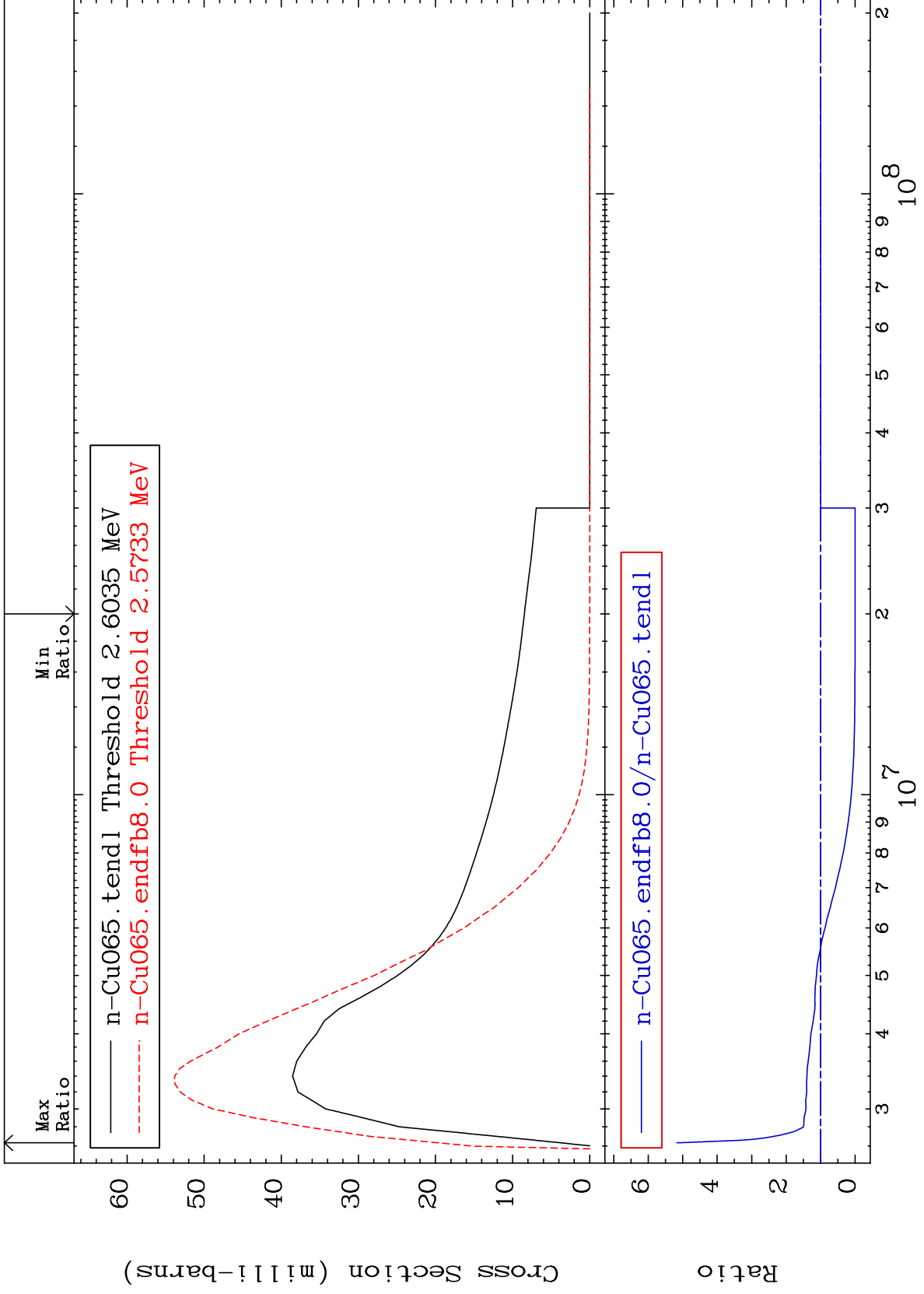
29-Cu-65
-100.0 To 0.615 %



MAT 2931

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

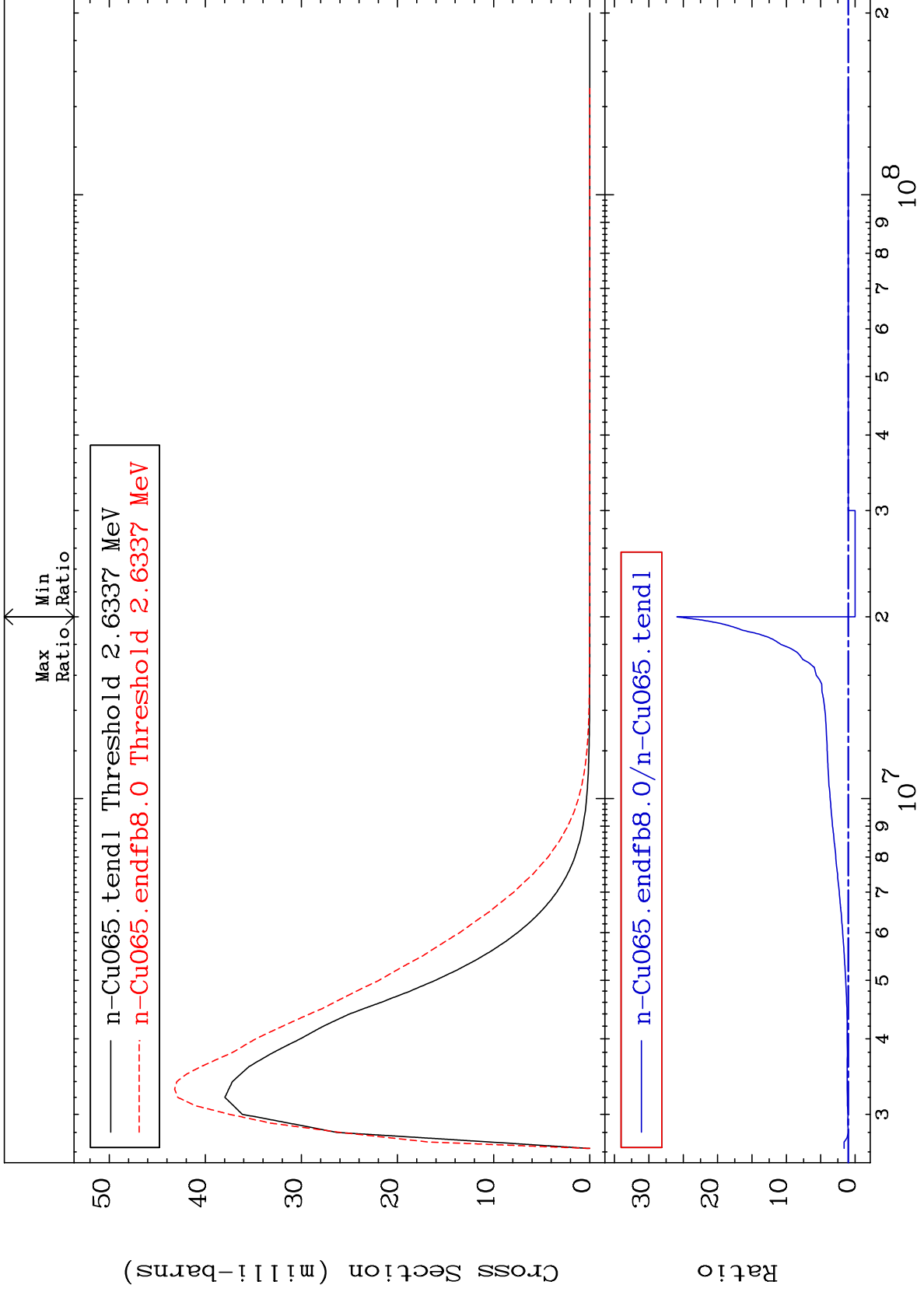
29-Cu-65
-100.0 To 416.9 %



MAT 2931

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

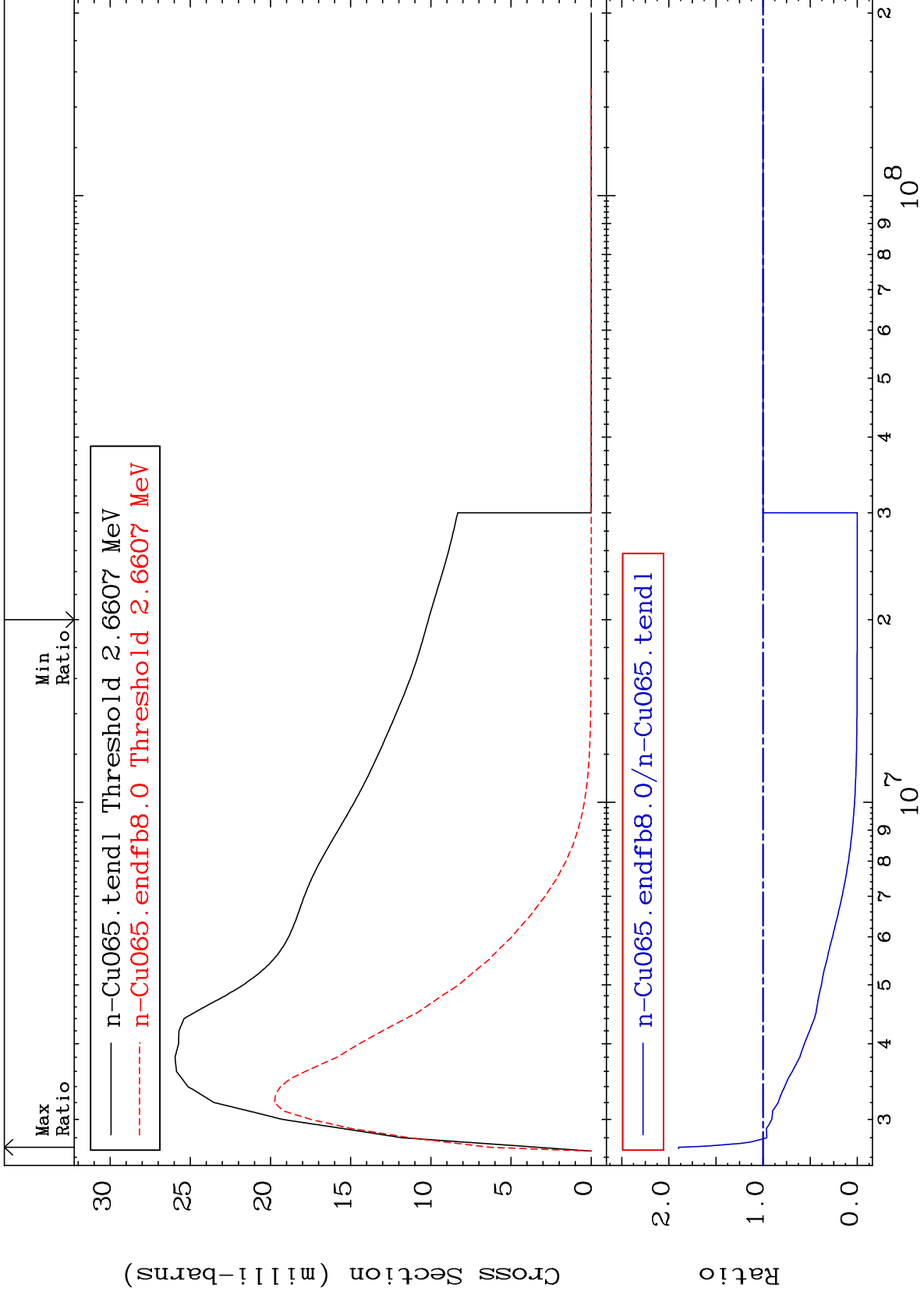
29-Cu-65
-100.0 To 2492. %



MAT 2931

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

29-Cu-65
-100.0 To 89.63 %



25

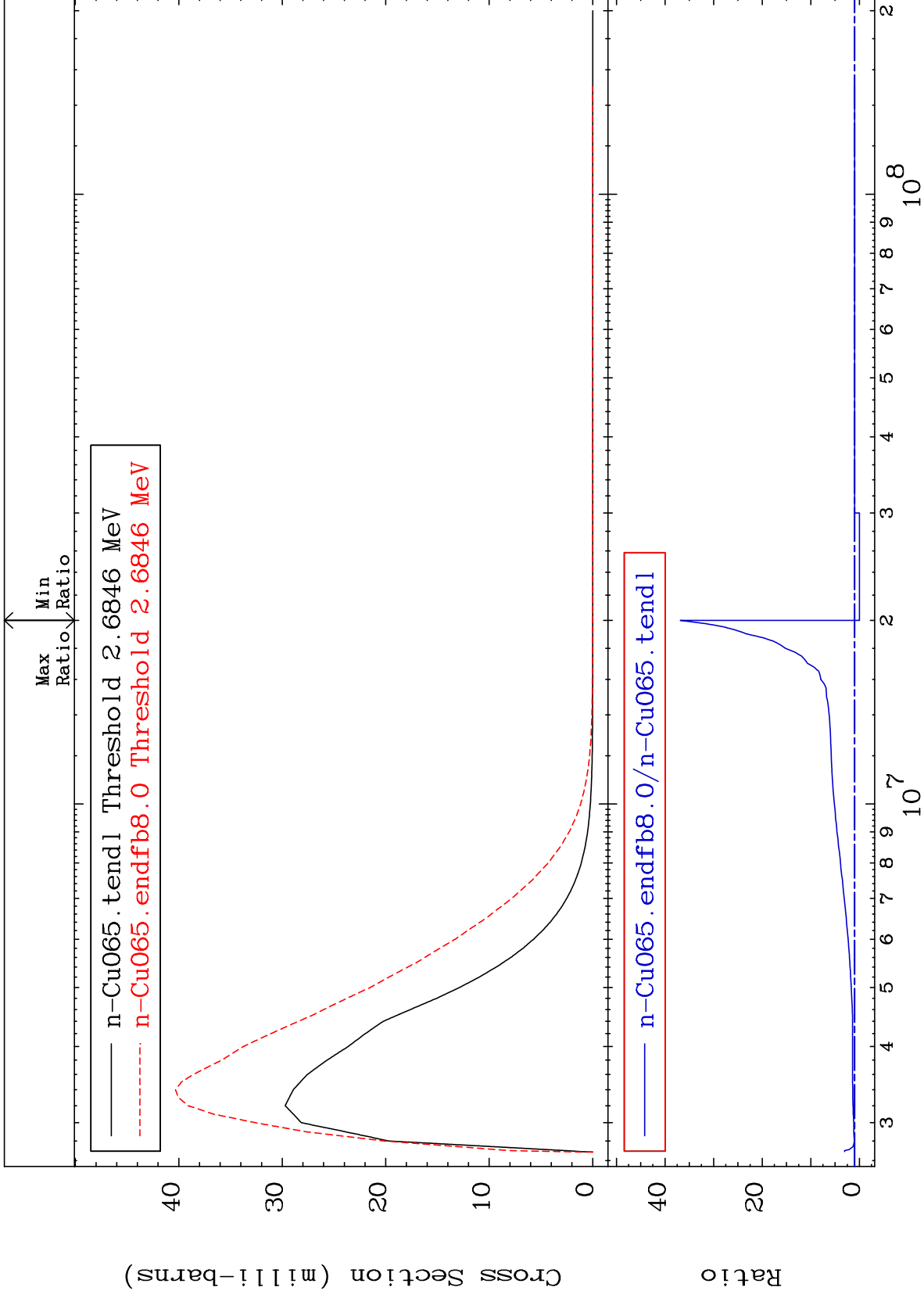
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65
-100.0 To 3585. %



26

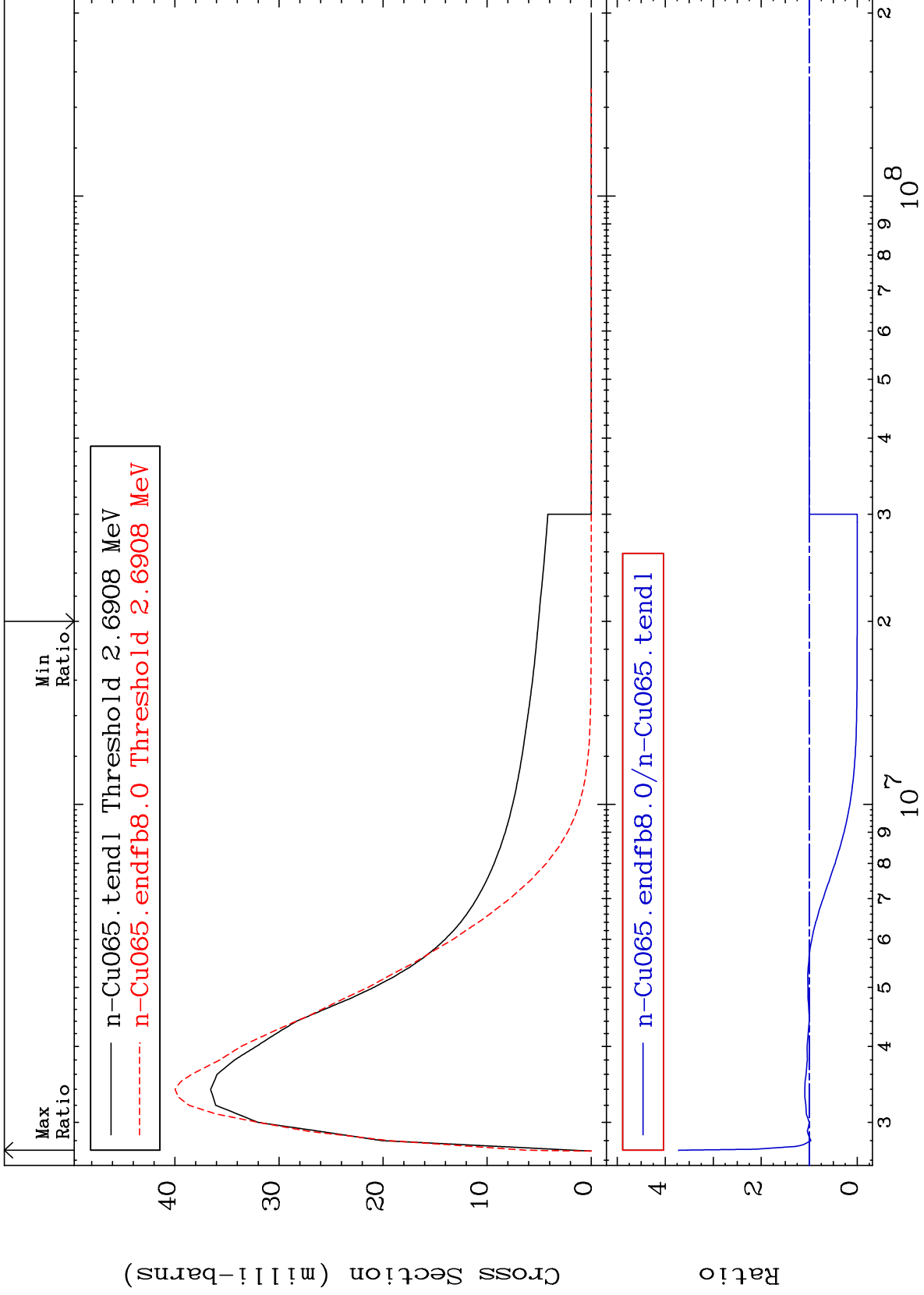
Incident Energy (eV)

29-Cu-65

MAT 2931

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

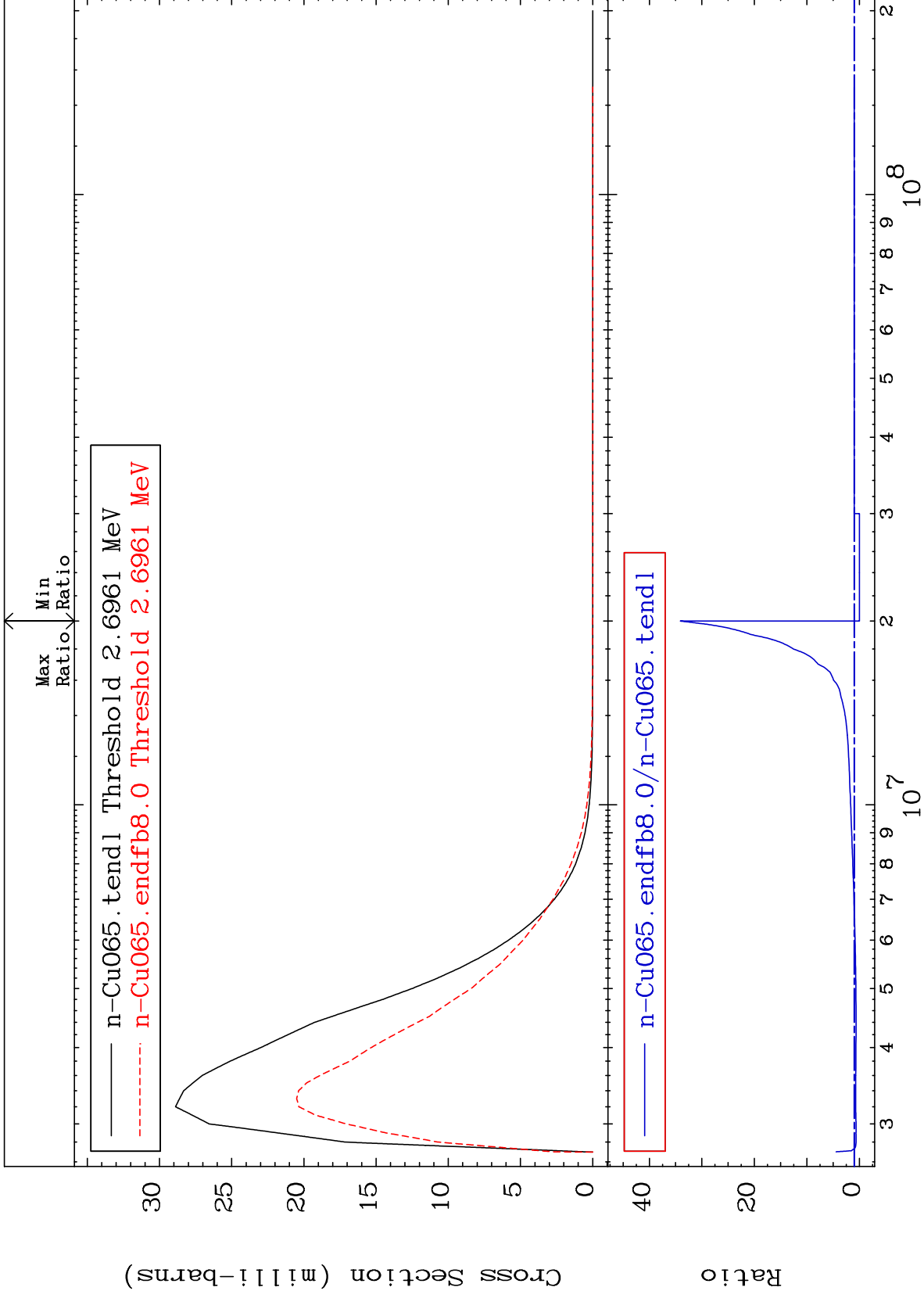
29-Cu-65
-100.0 To 272.1 %



MAT 2931

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

29-Cu-65
-100.0 To 3310. %



28

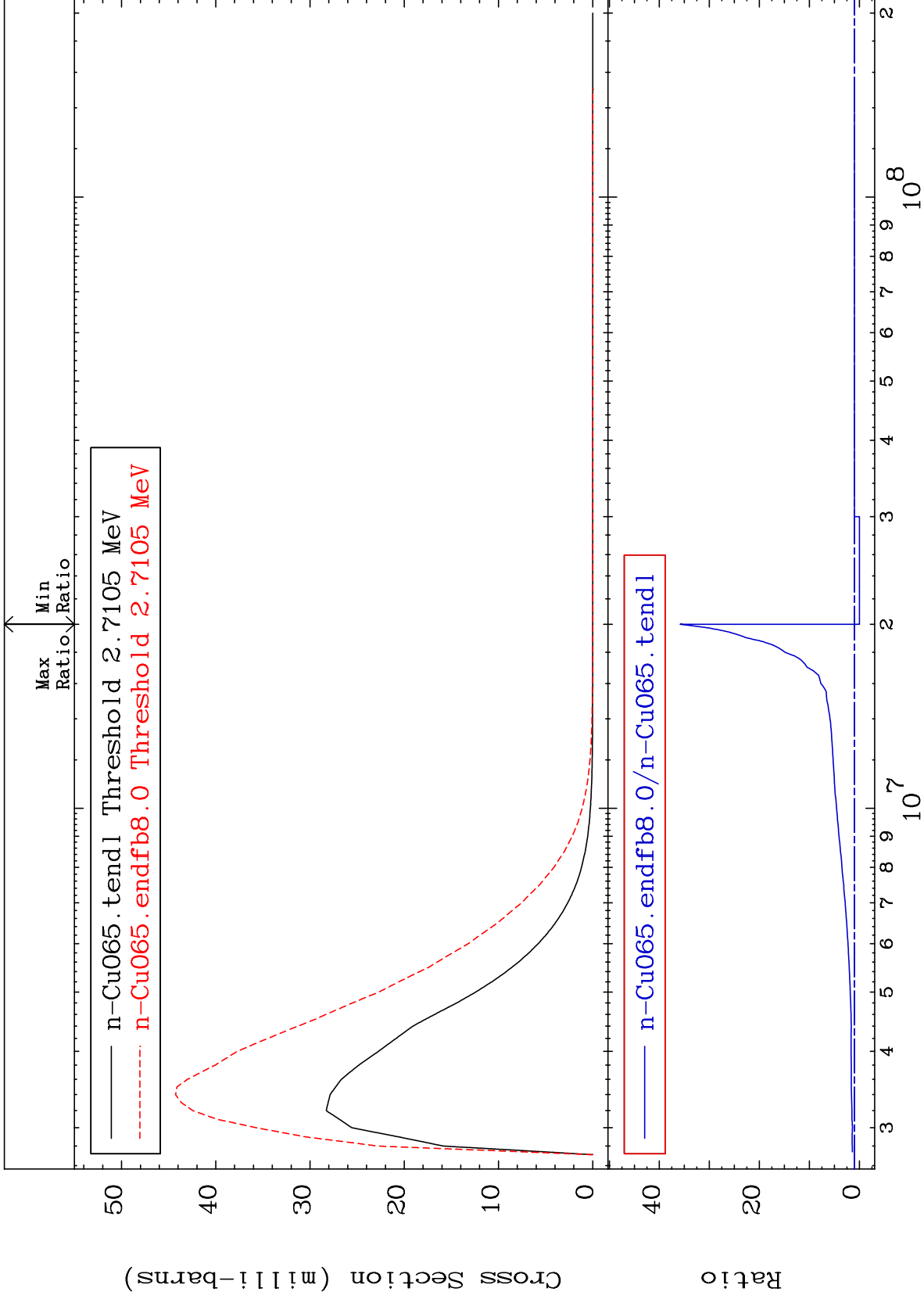
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65
-100.0 To 3480. %



29

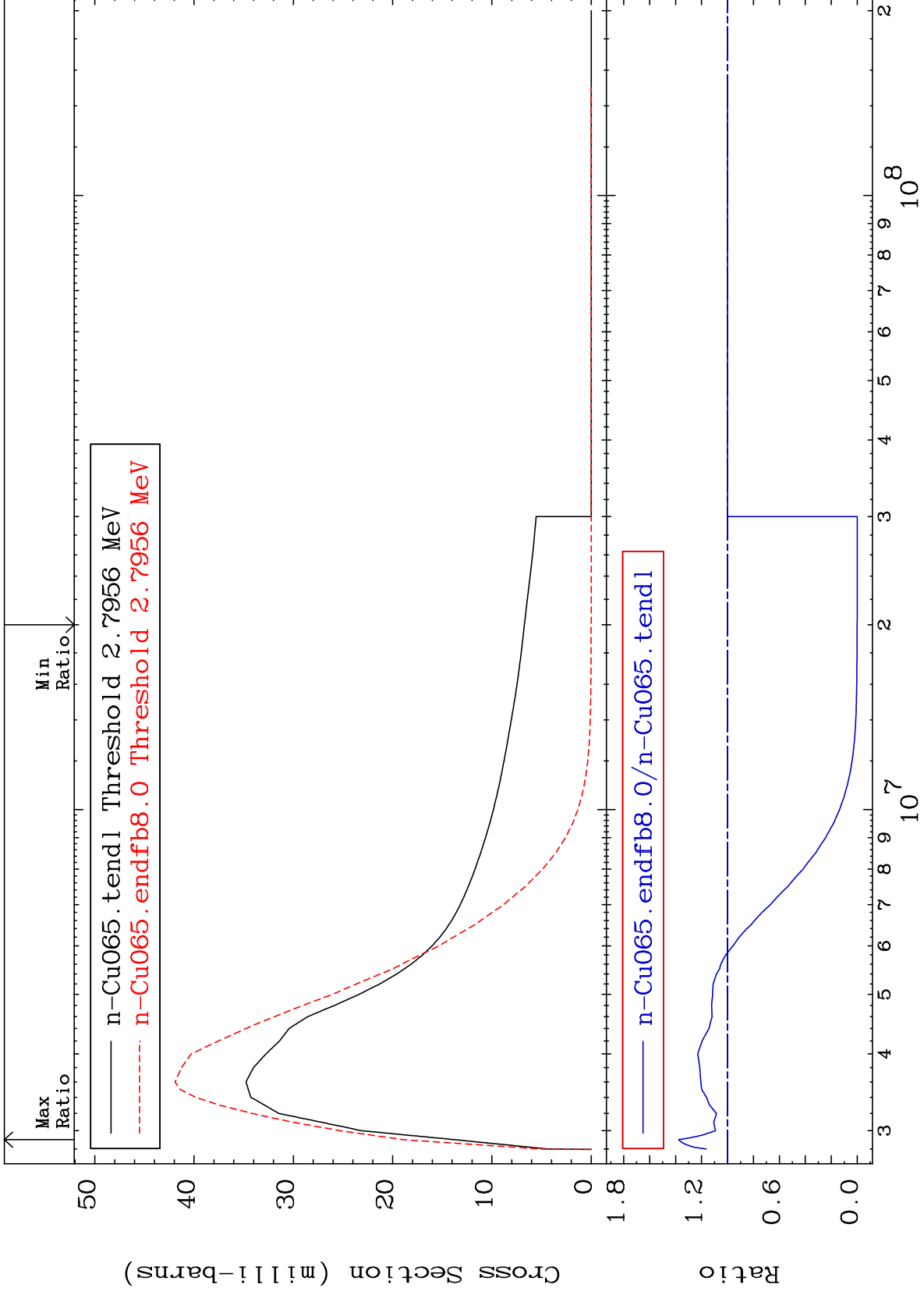
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 71 (n,n') Level
Cross Section

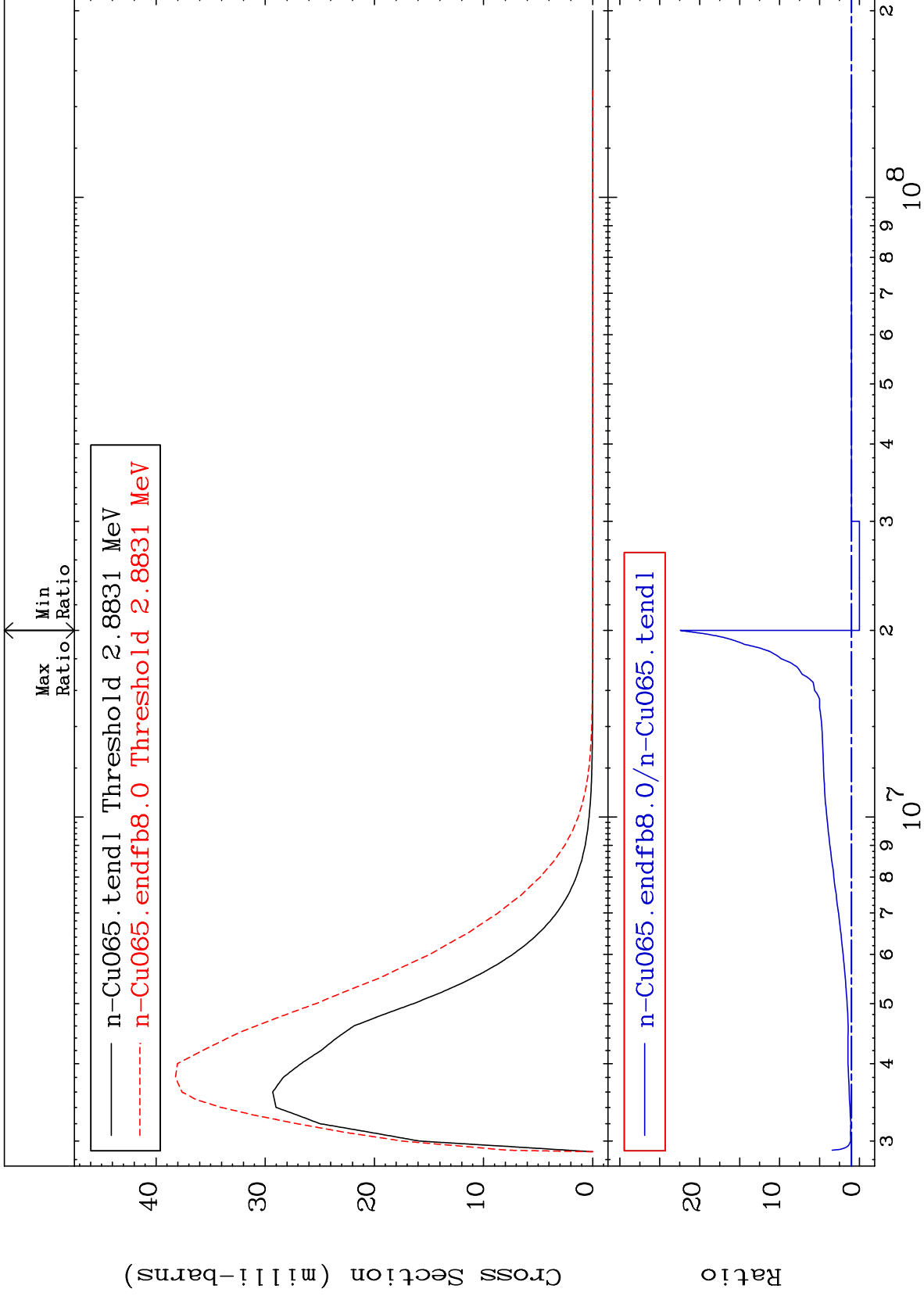
29-Cu-65
-100.0 To 37.65 %



MAT 2931

MT= 72 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 2142. %



31

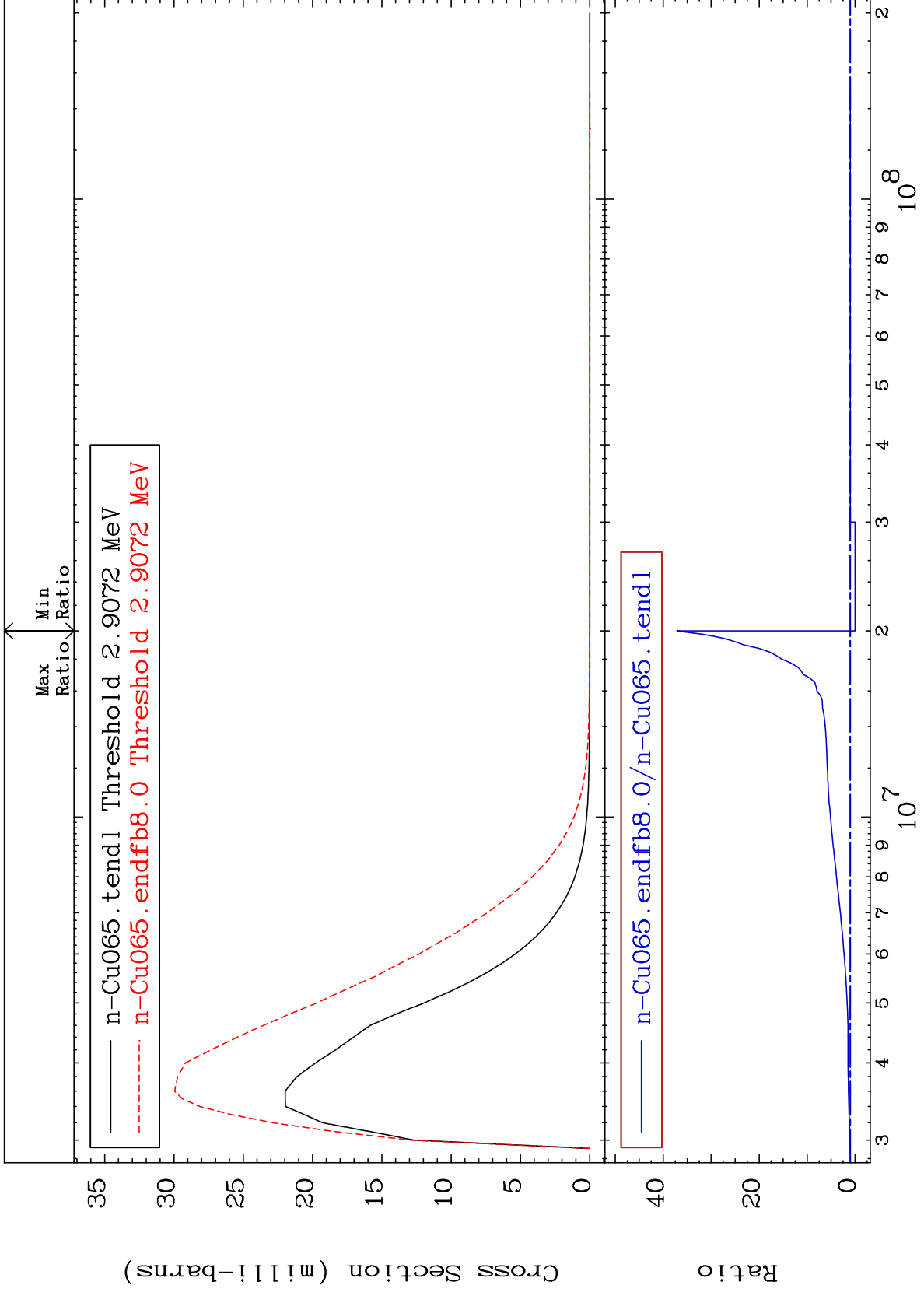
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 73 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 3614. %



32

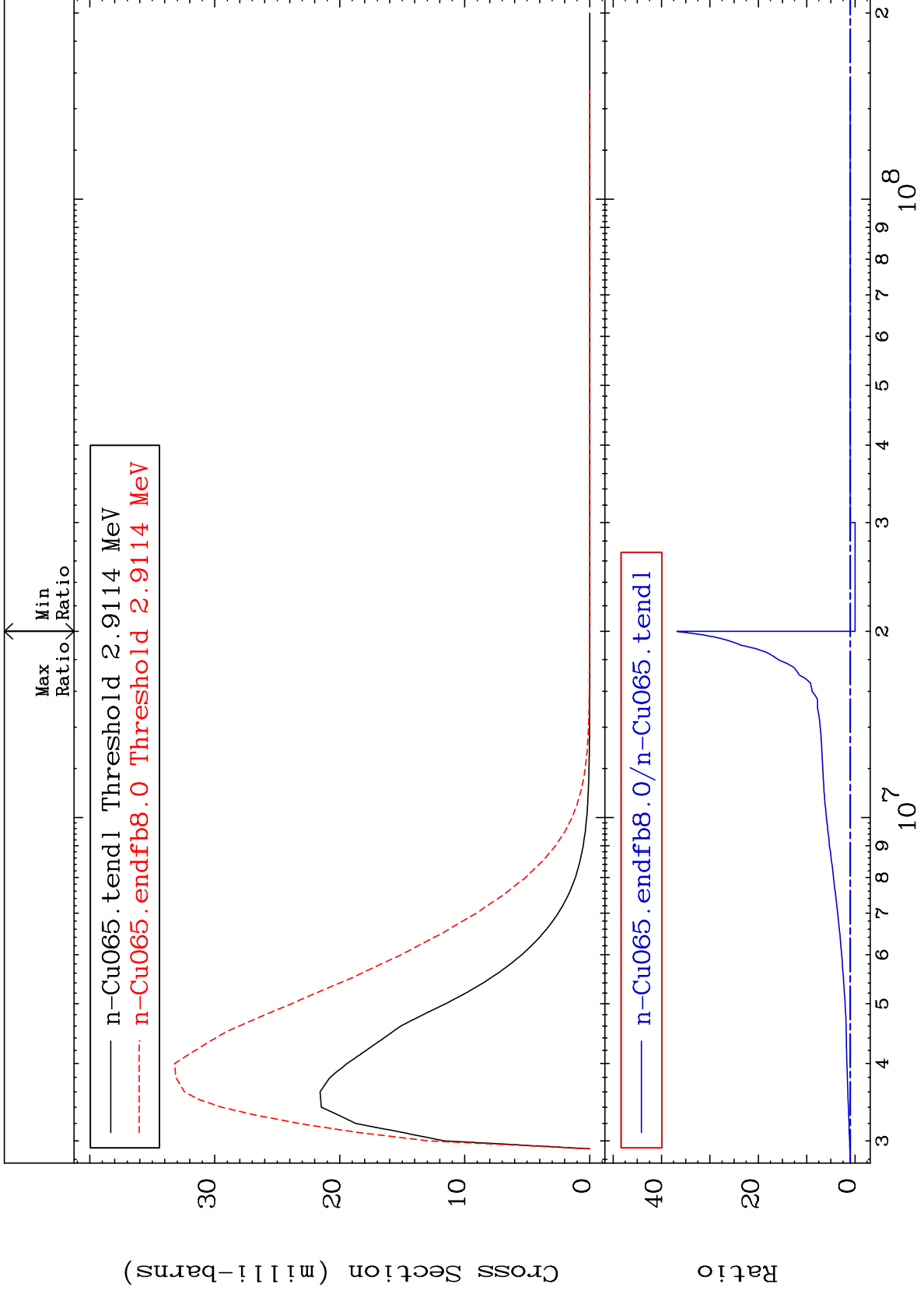
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 74 (n,n') Level
Cross Section

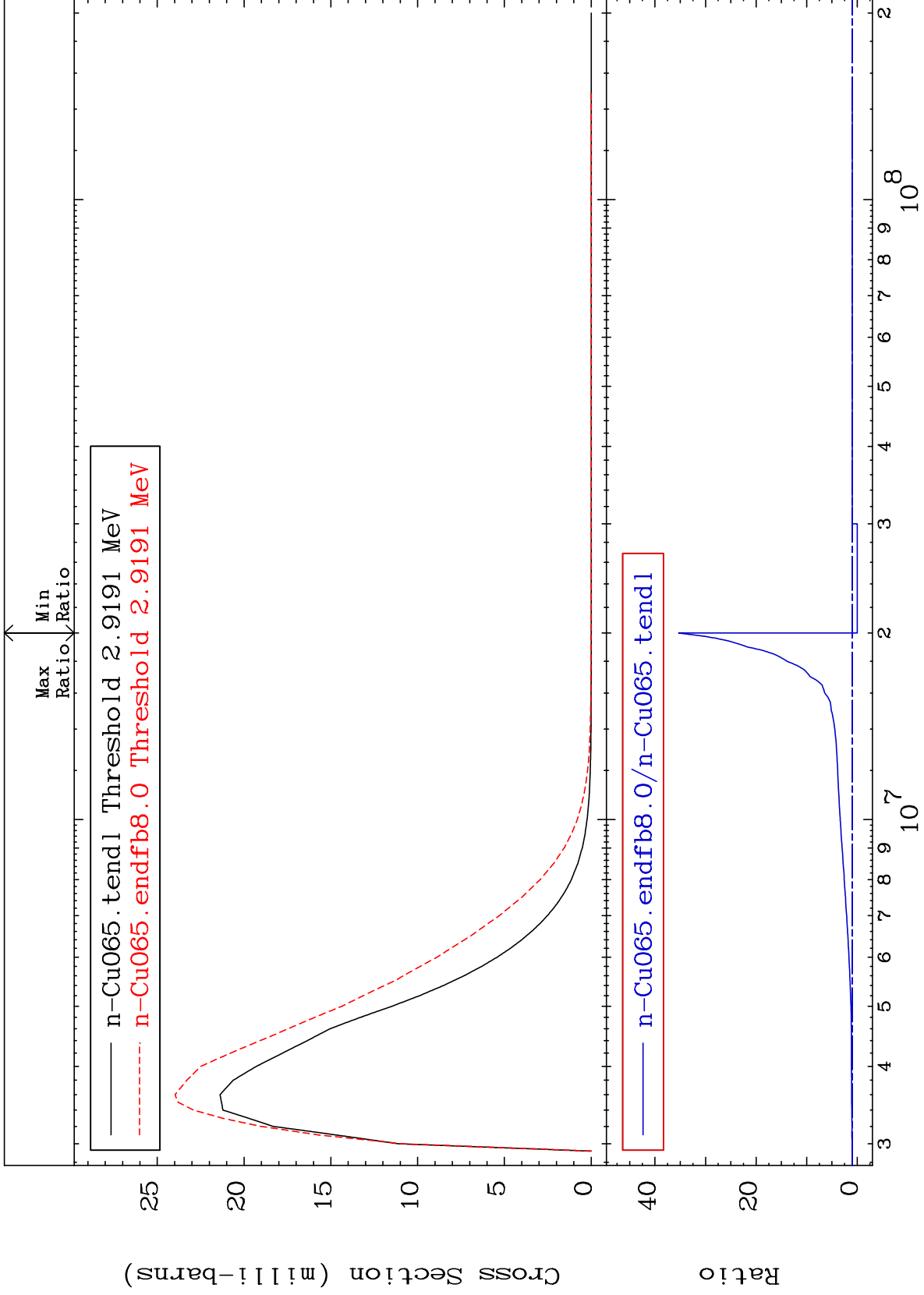
29-Cu-65
-100.0 To 3582. %



MAT 2931

MT= 75 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 3432. %



34

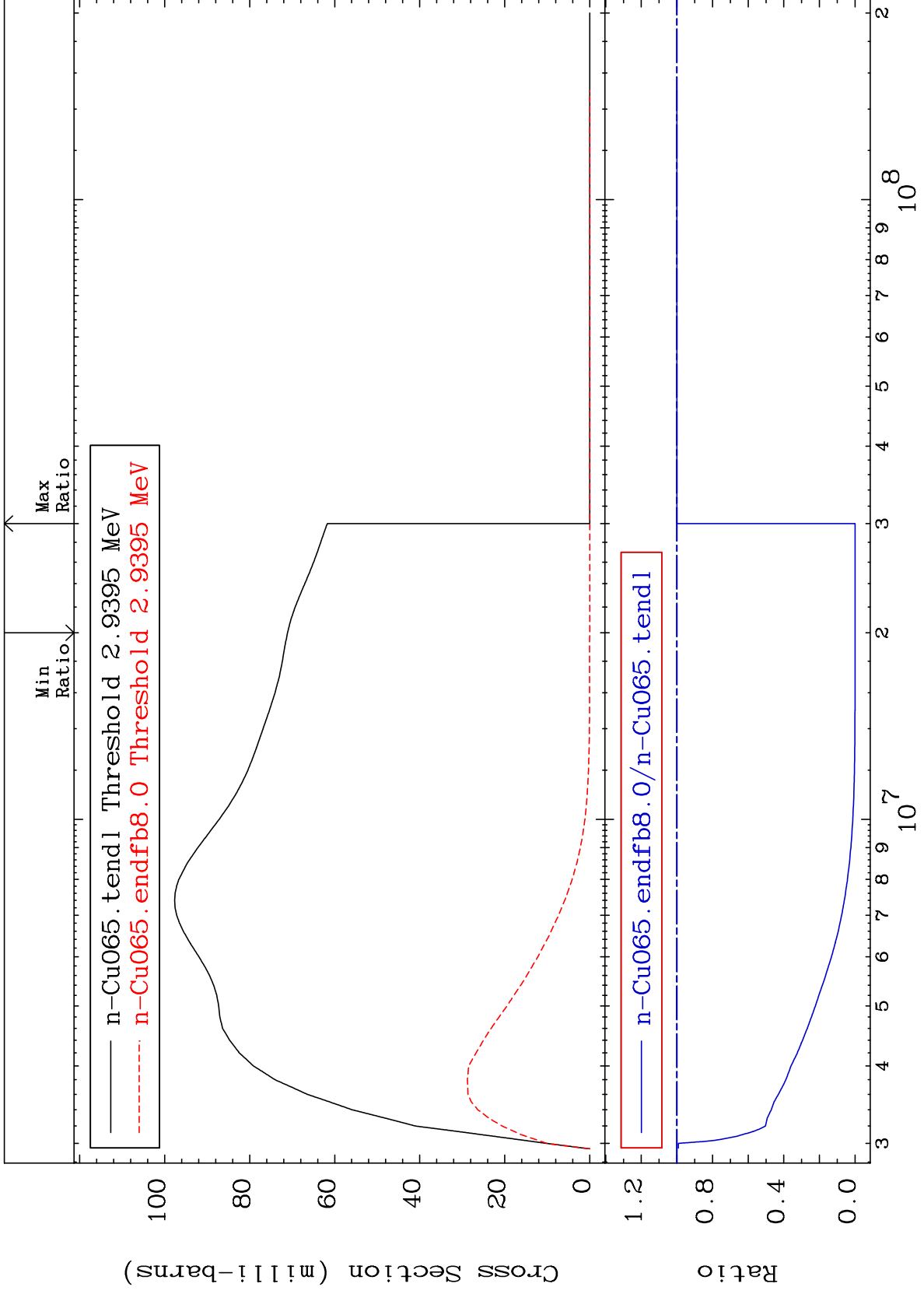
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 76 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 0.000 %



35

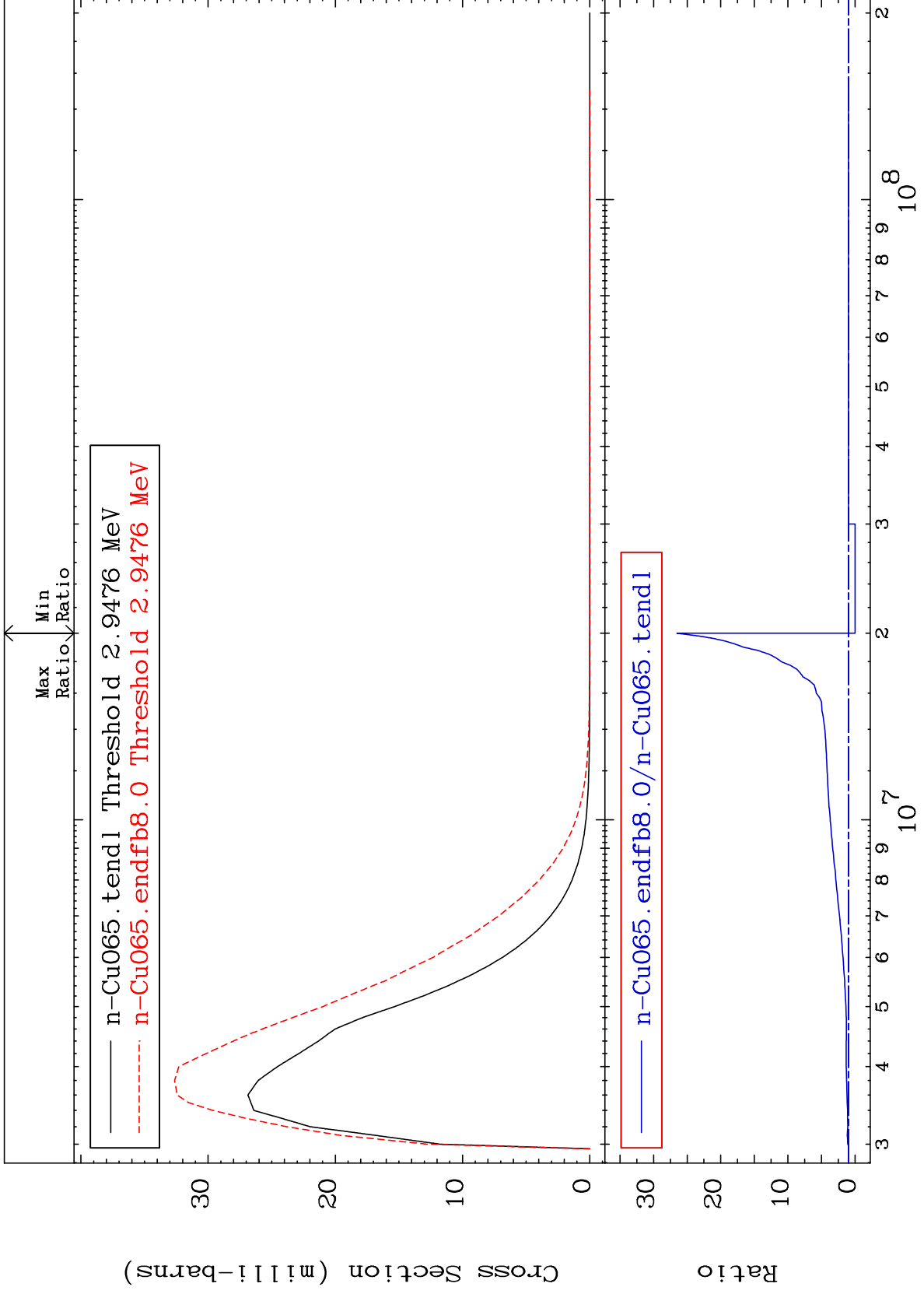
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 77 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 2552. %



36

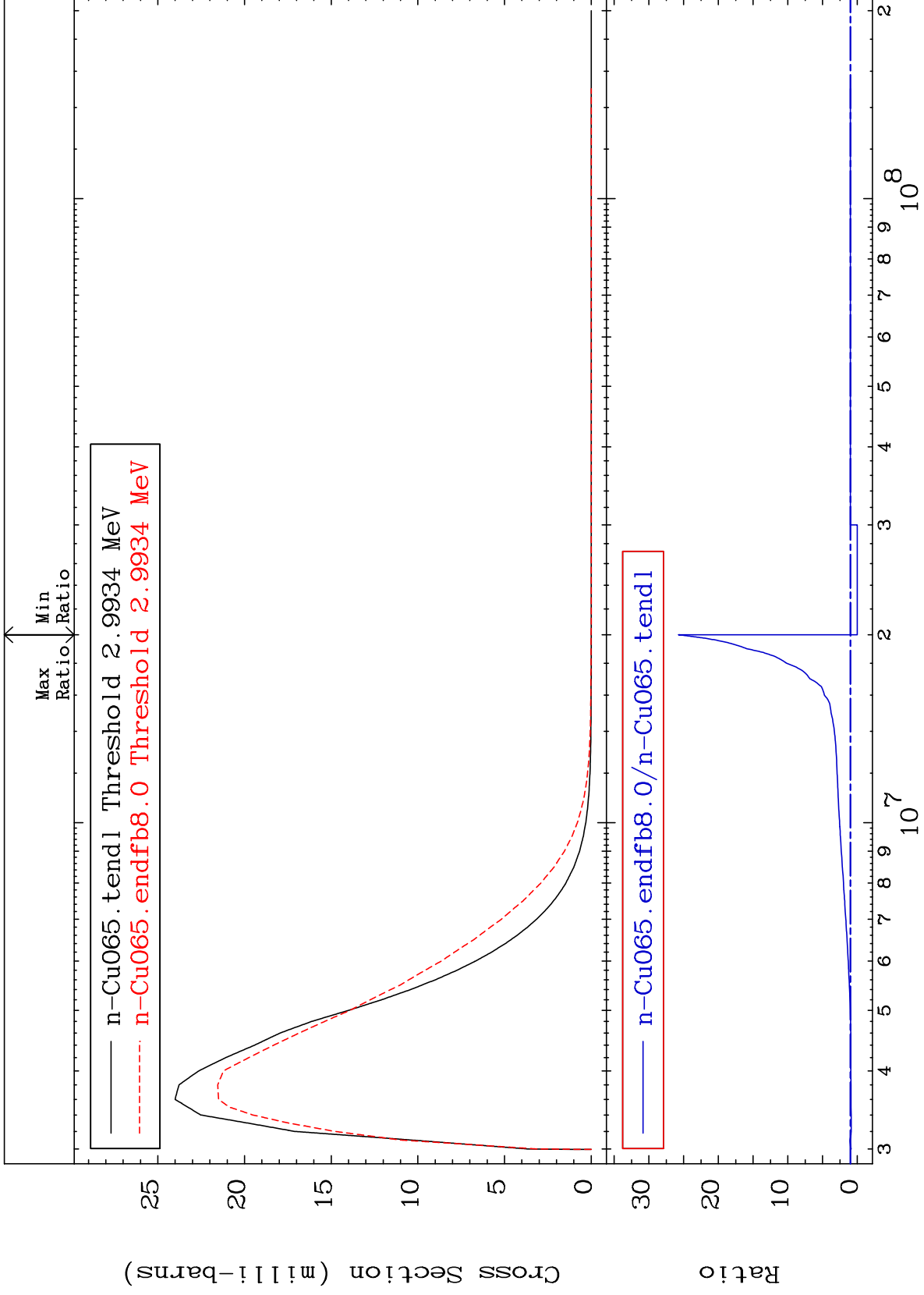
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 78 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 2471. %



37

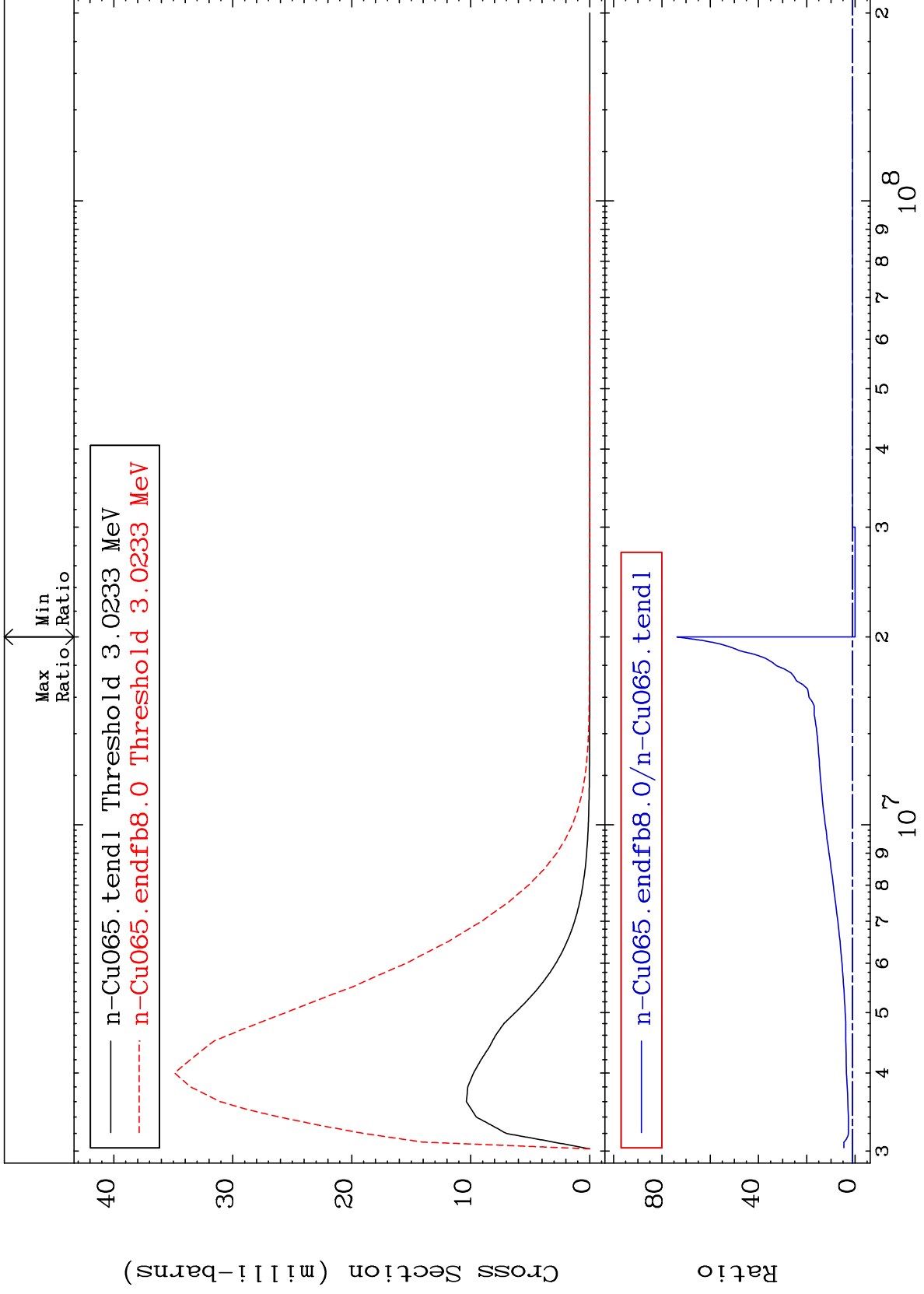
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 79 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 7279. %



38

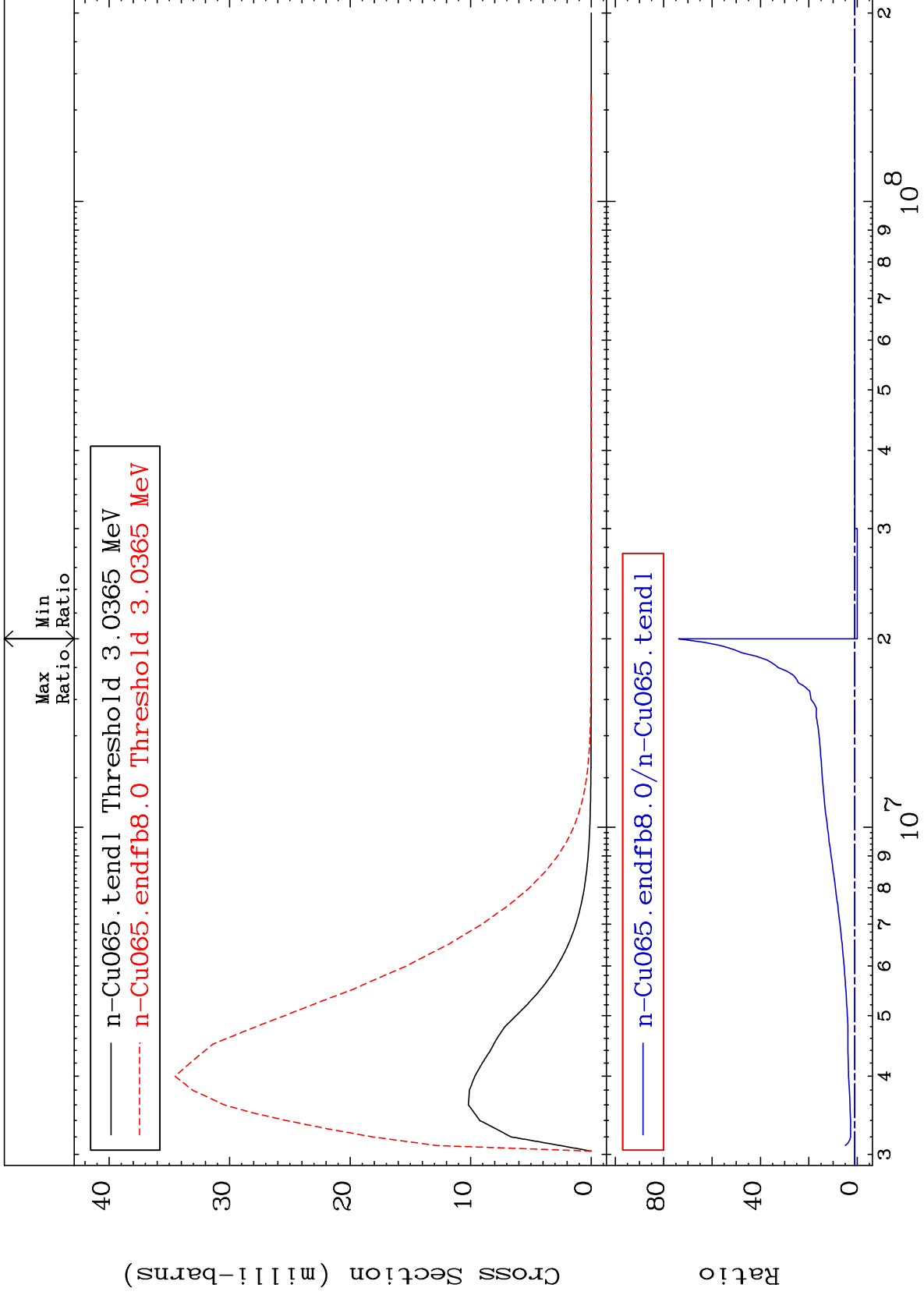
Incident Energy (eV)

29-Cu-65

MAT 2931

MT= 80 (n,n') Level
Cross Section

29-Cu-65
-100.0 To 7282. %



39

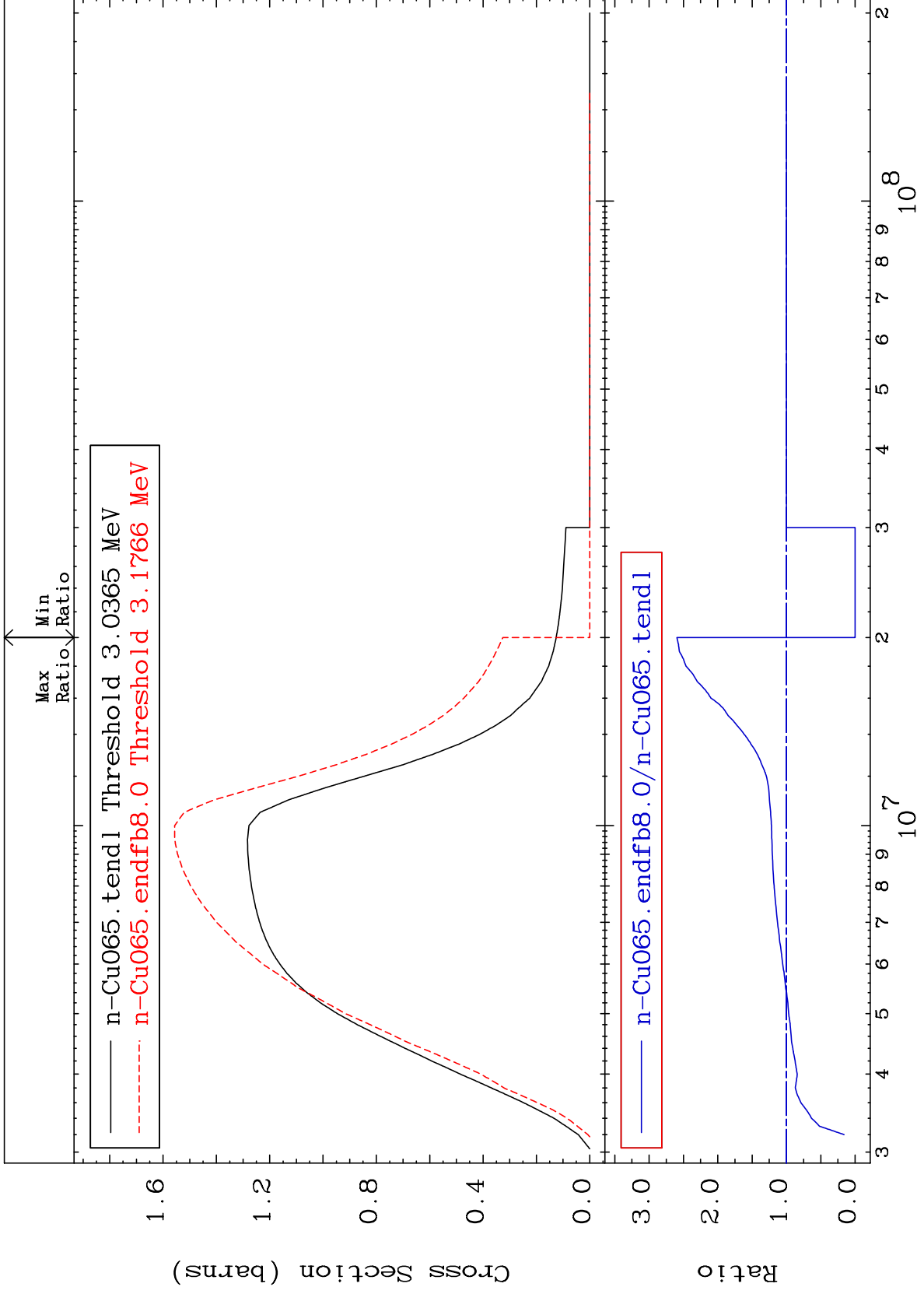
Incident Energy (eV)

29-Cu-65

MAT 2931

(n, n') Continuum
Cross Section

29-Cu-65
-100.0 To 159.5 %



40

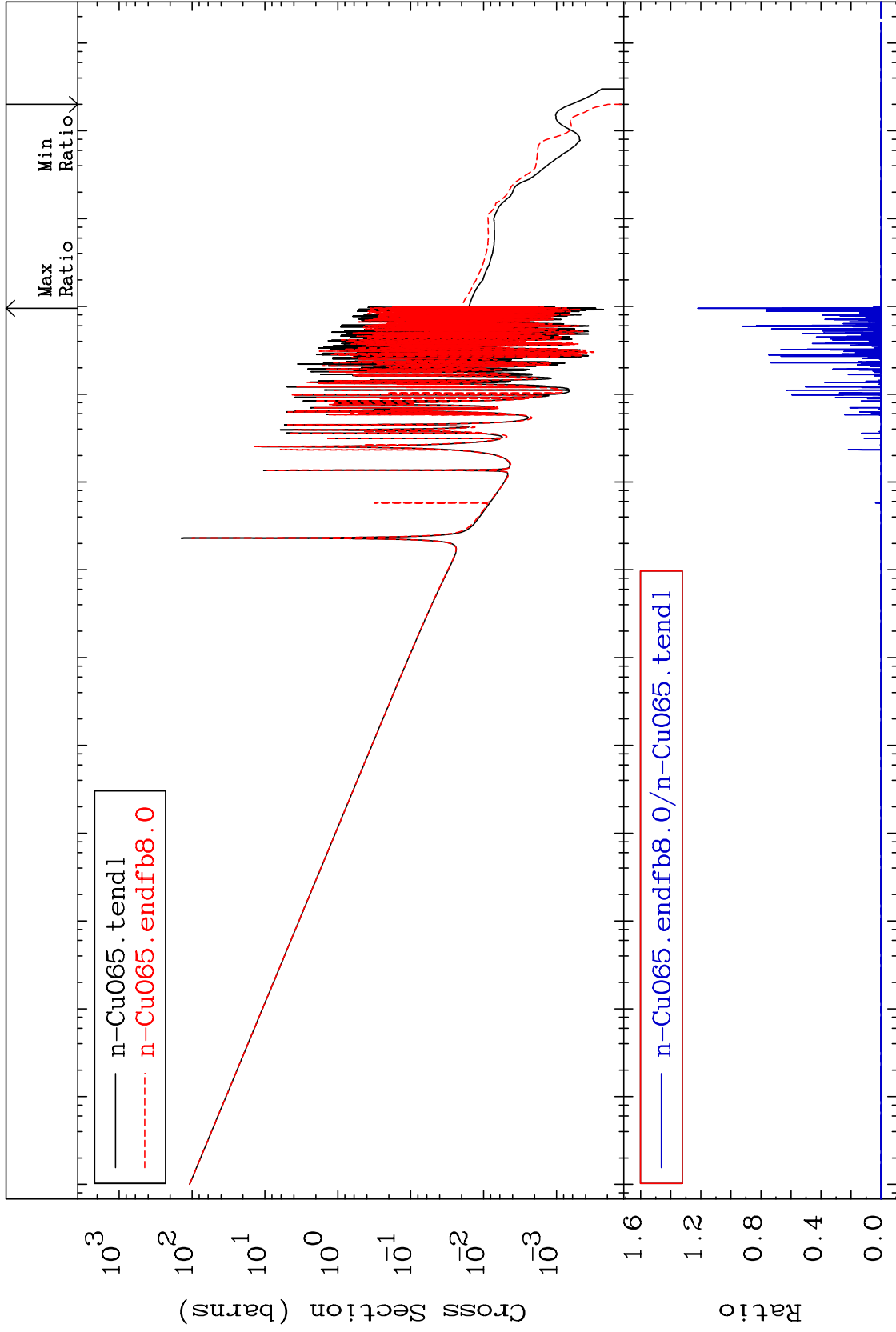
MAT 2931

(n, γ)

29-Cu-65

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

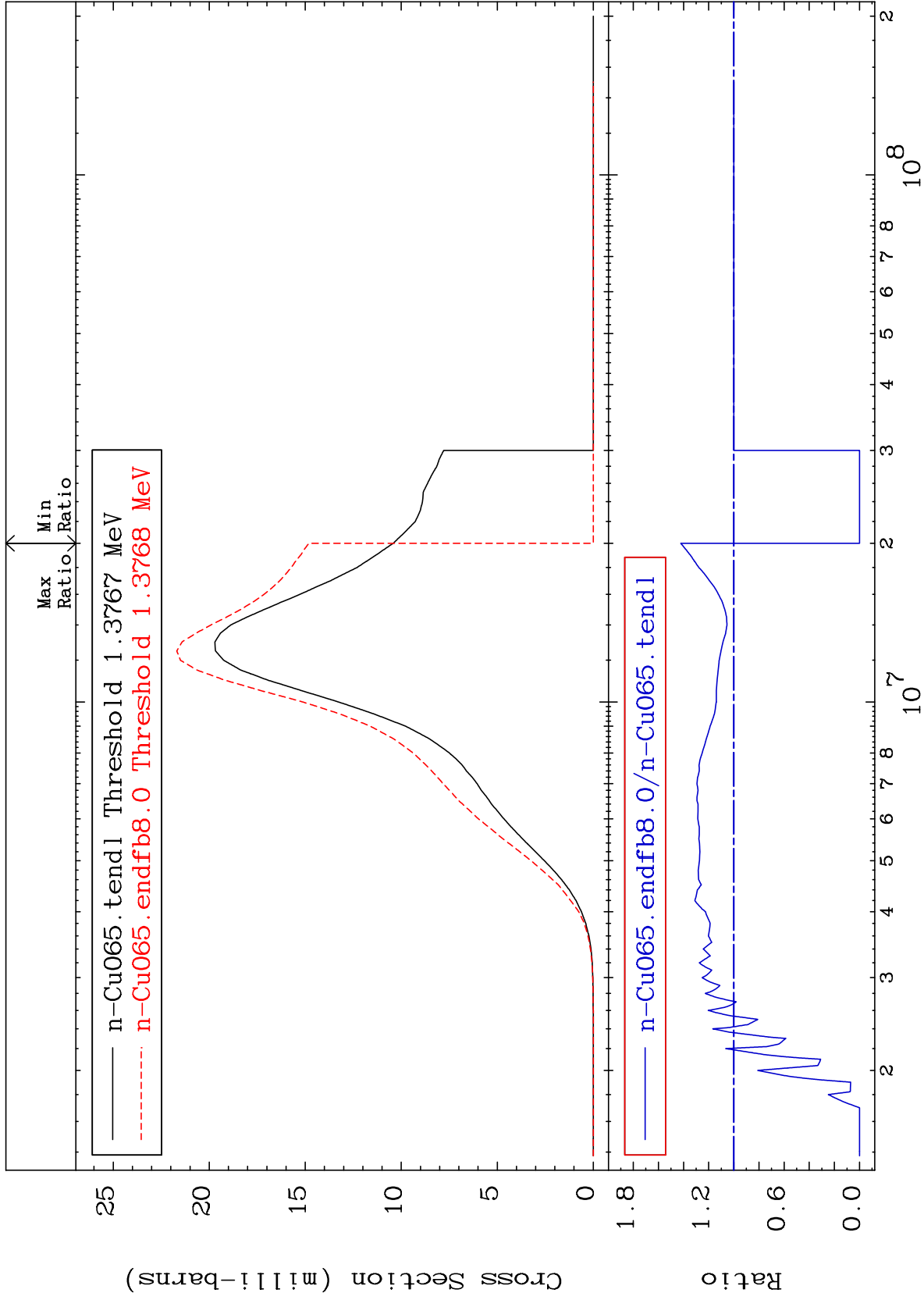
29-Cu-65

41

MAT 2931

²⁹Cu-65

(n, p)
Cross Section
-100.0 To 42.20 %



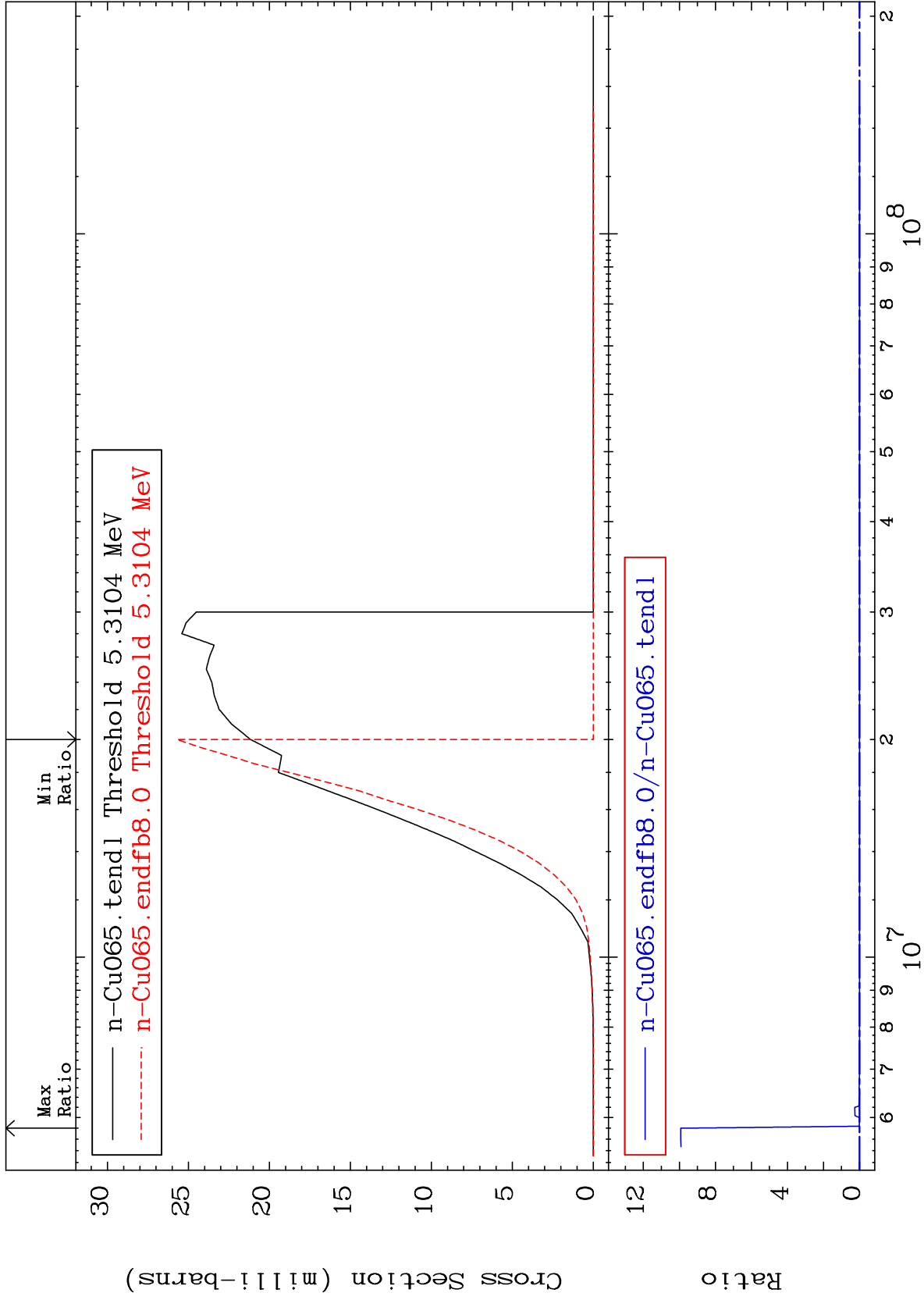
MAT 2931

(n, d)

²⁹-Cu-65

Cross Section

-100.0 To 9999. %



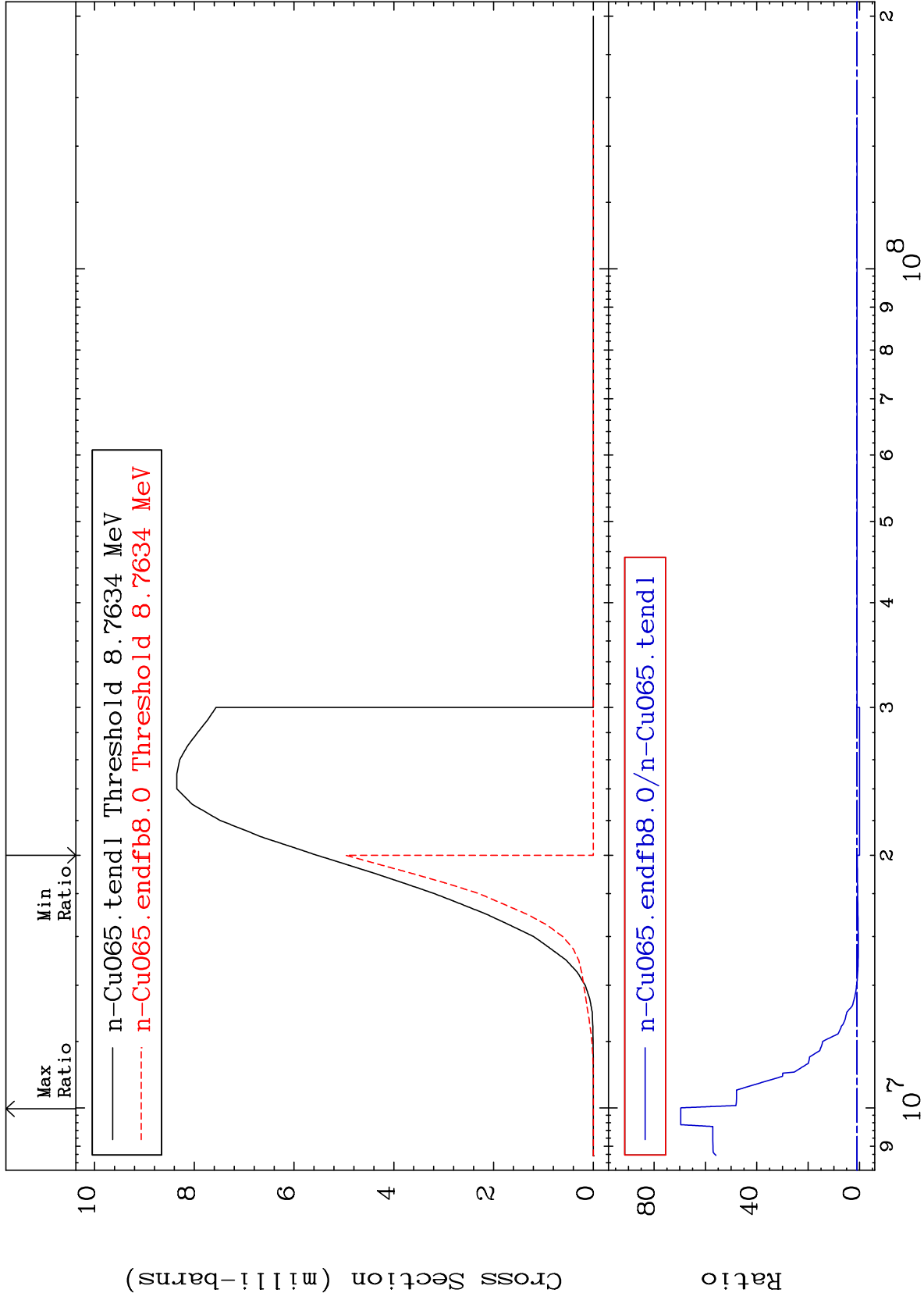
MAT 2931

(n, t)

²⁹-Cu-65

Cross Section

-100.0 To 6860. %



44

Incident Energy (eV)

²⁹-Cu-65

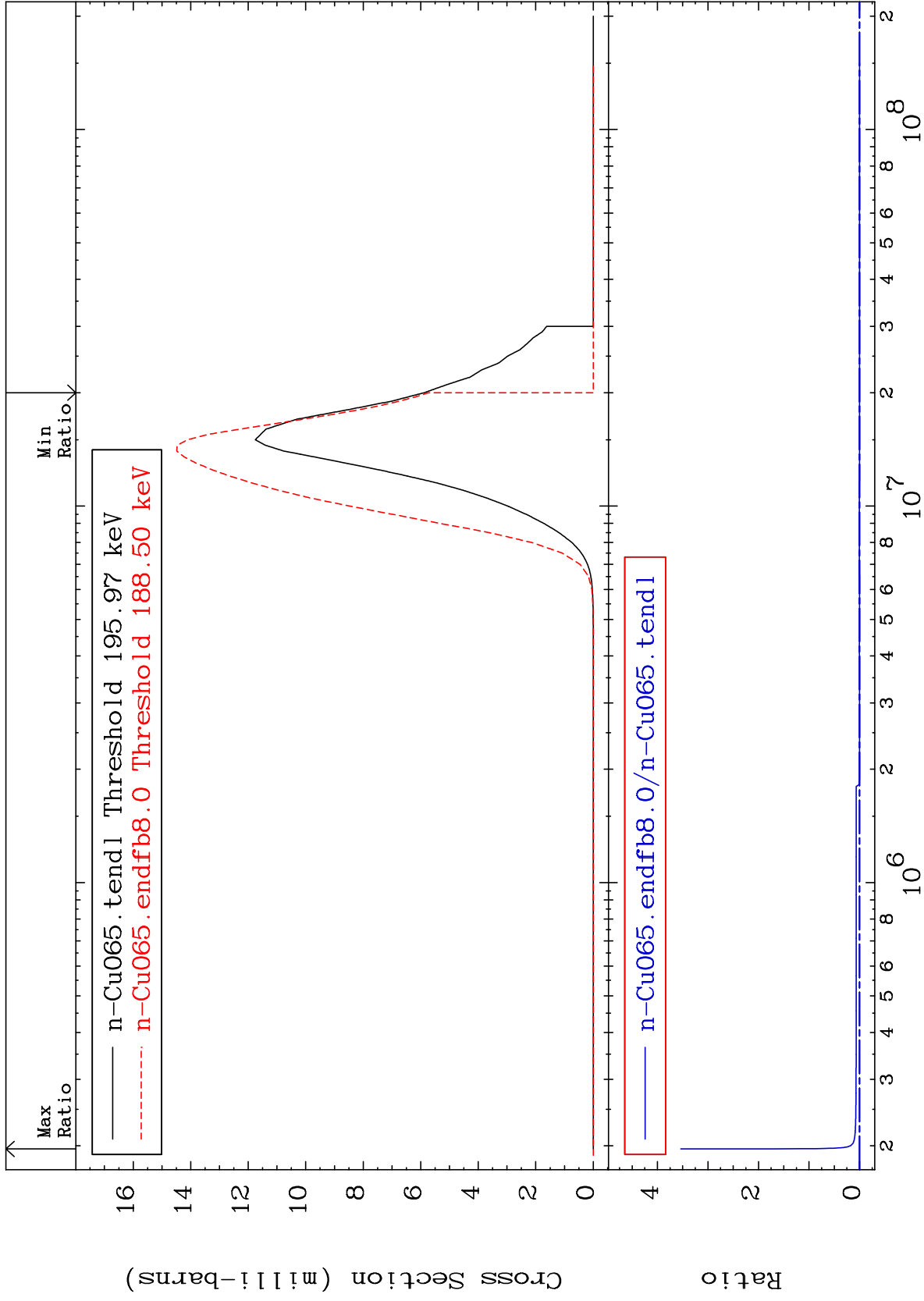
MAT 2931

(n, α)

29-Cu-65

Cross Section

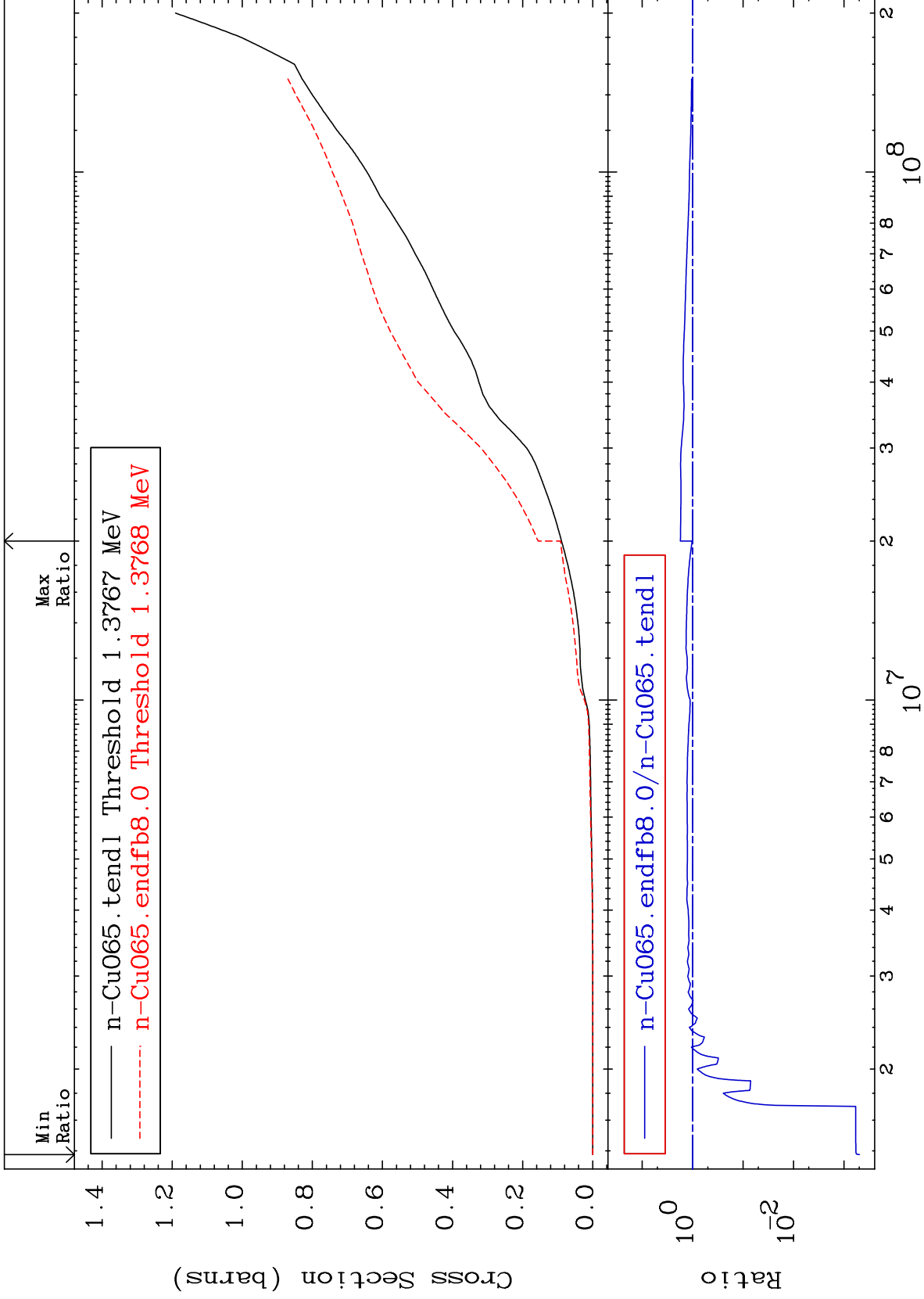
-100.0 To 9999. %



45

Incident Energy (eV)

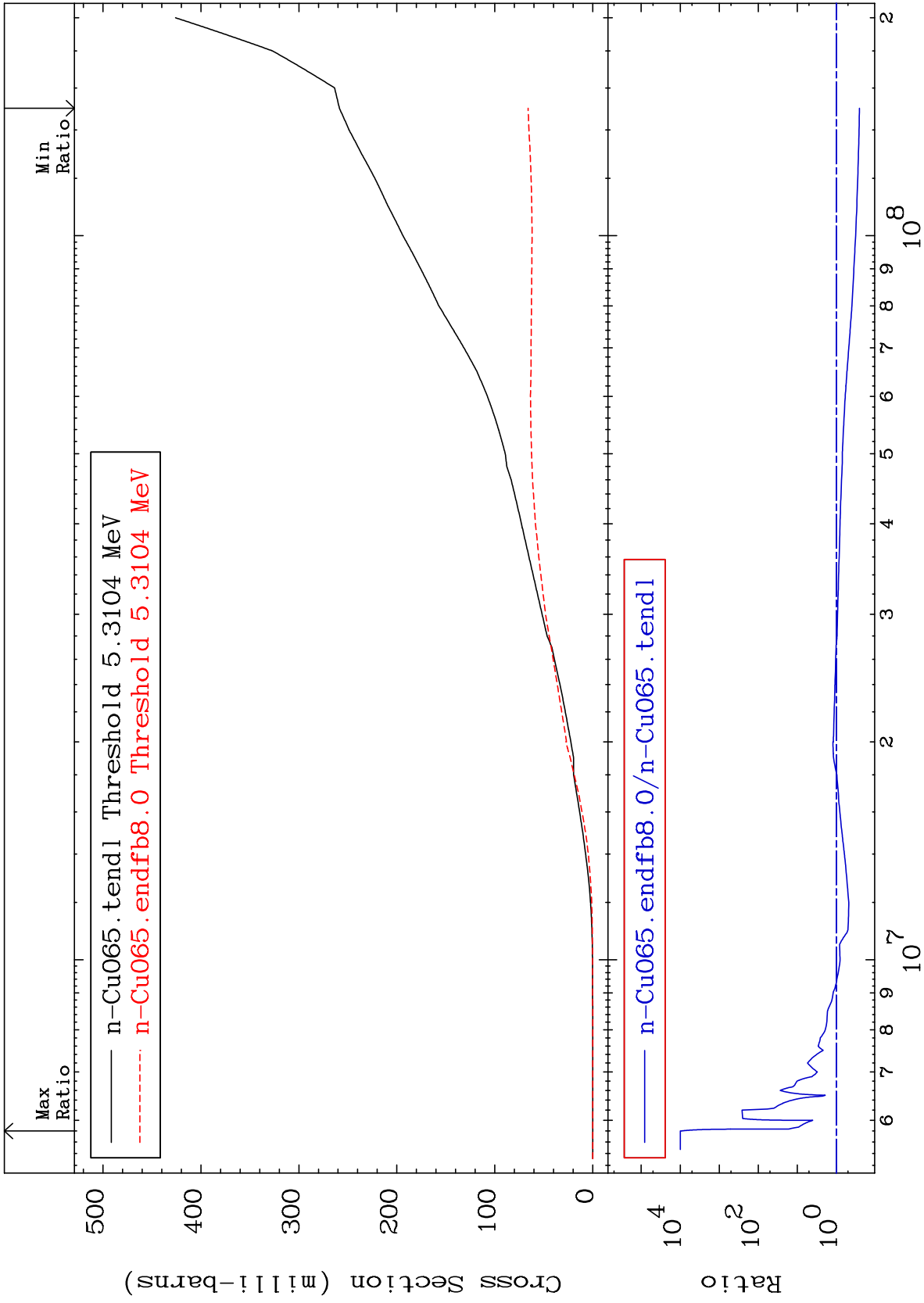
29-Cu-65



MAT 2931

Deuterium Production
Cross Section

²⁹-Cu-65
-74.47 To 9999. %



47

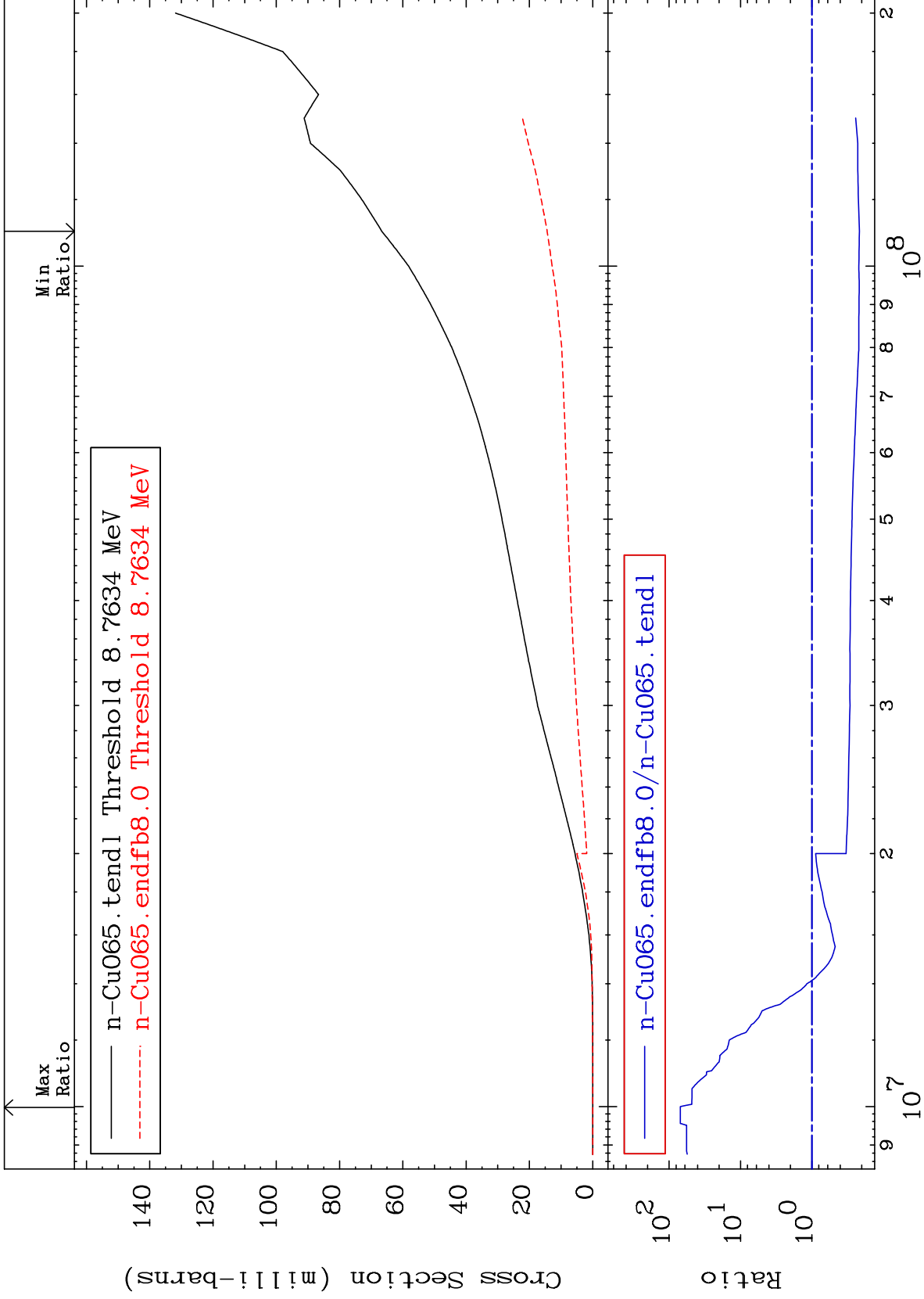
Incident Energy (eV)

²⁹-Cu-65

MAT 2931

Tritium Production
Cross Section

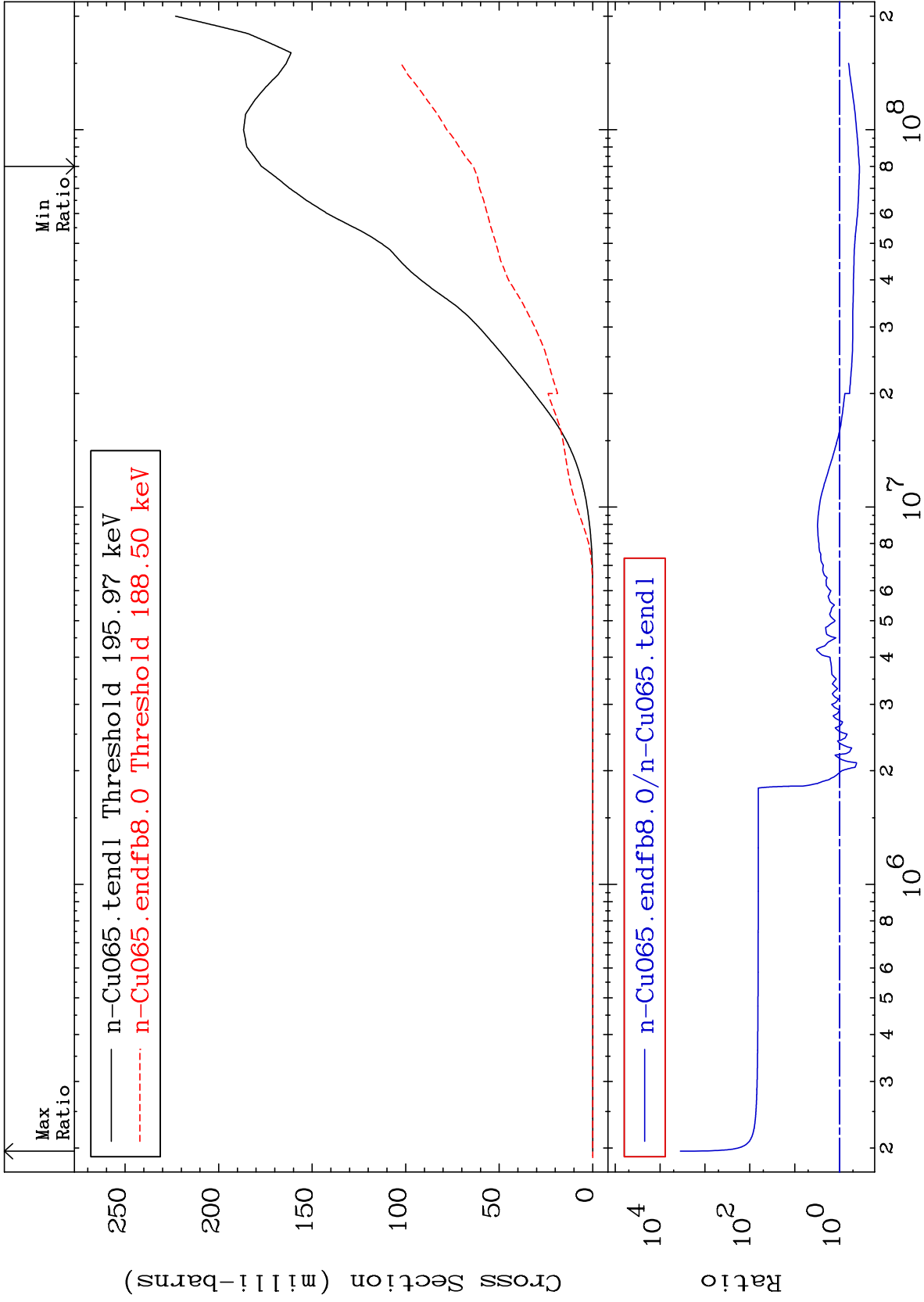
29-Cu-65
-78.42 To 6860. %

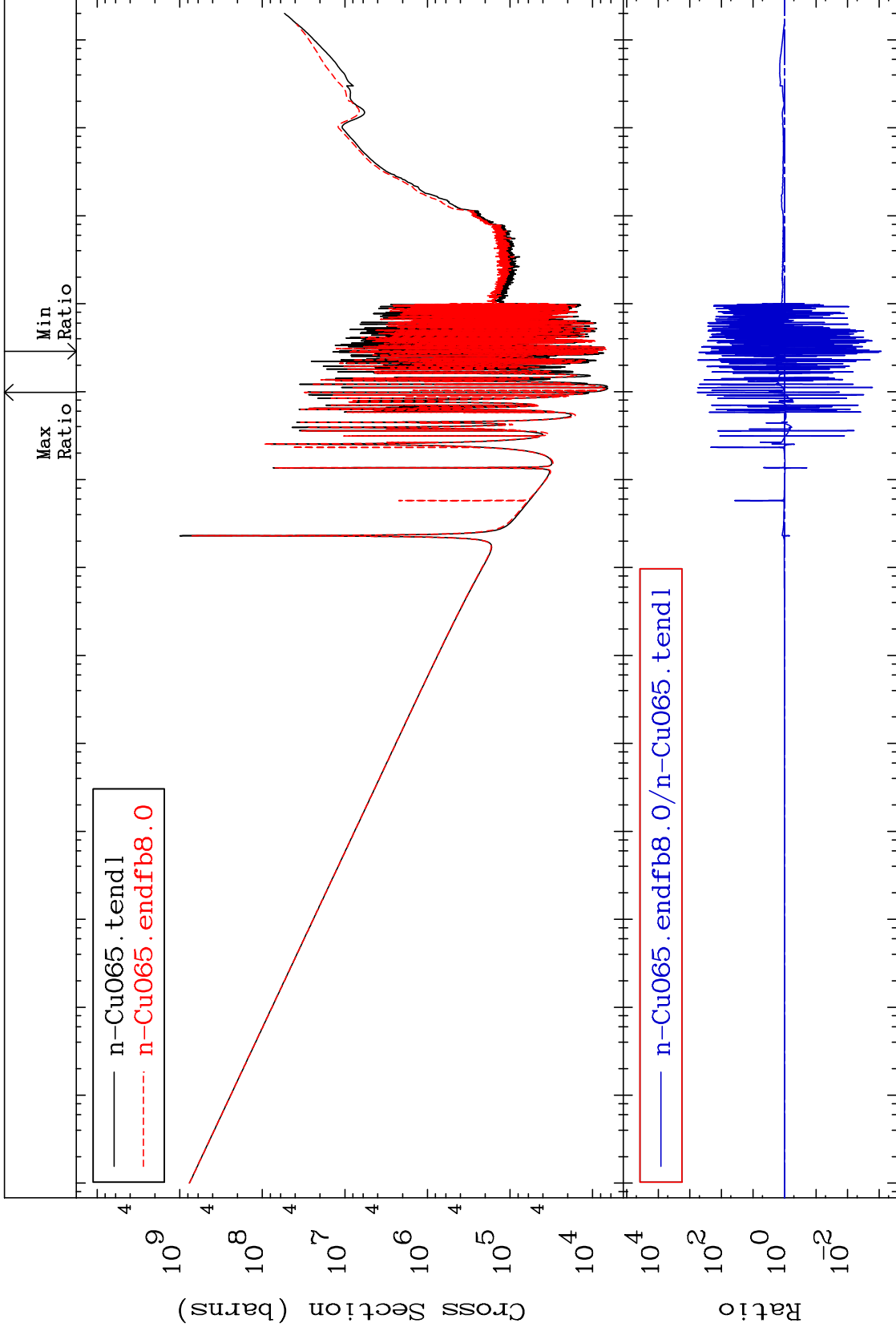


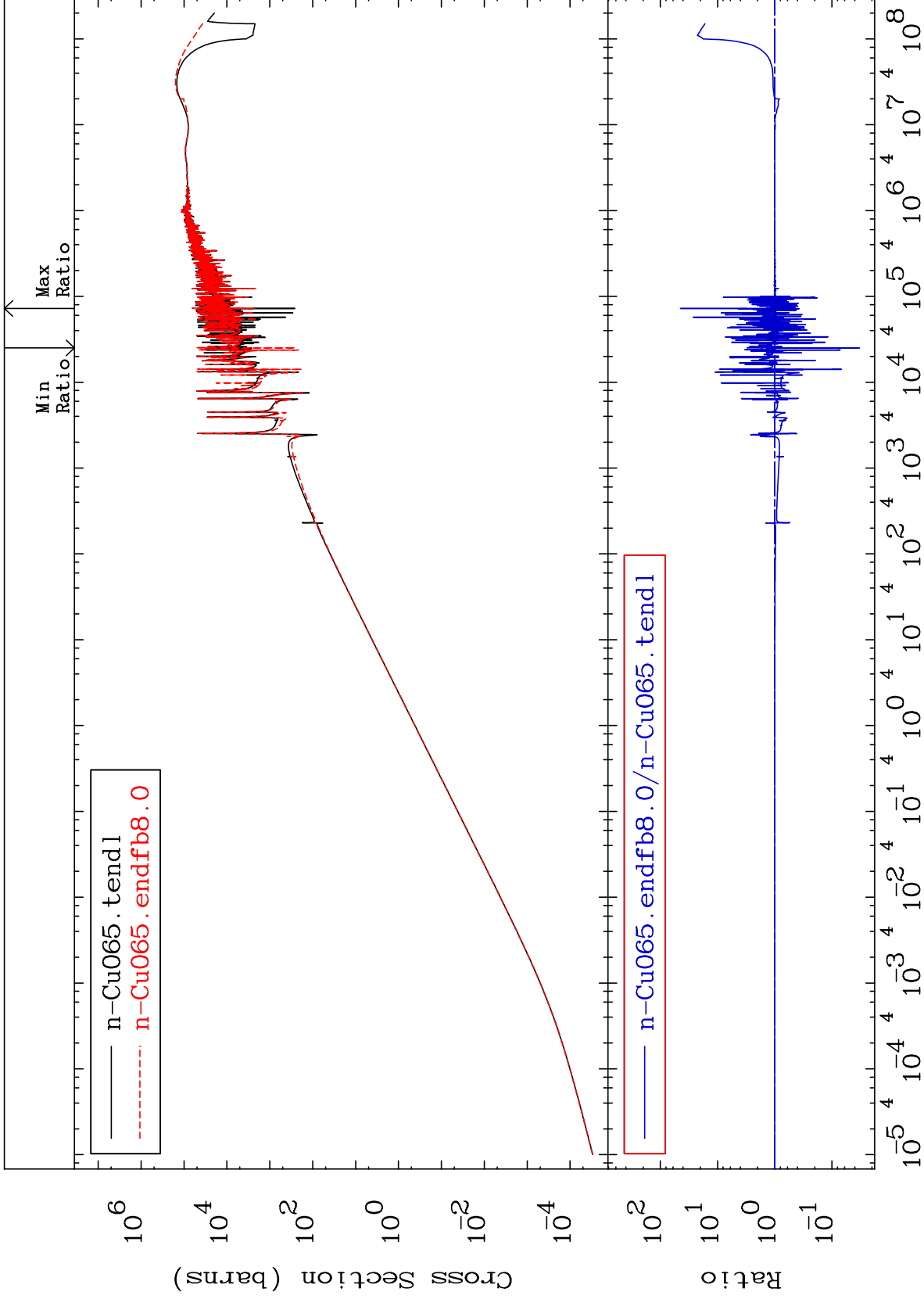
48

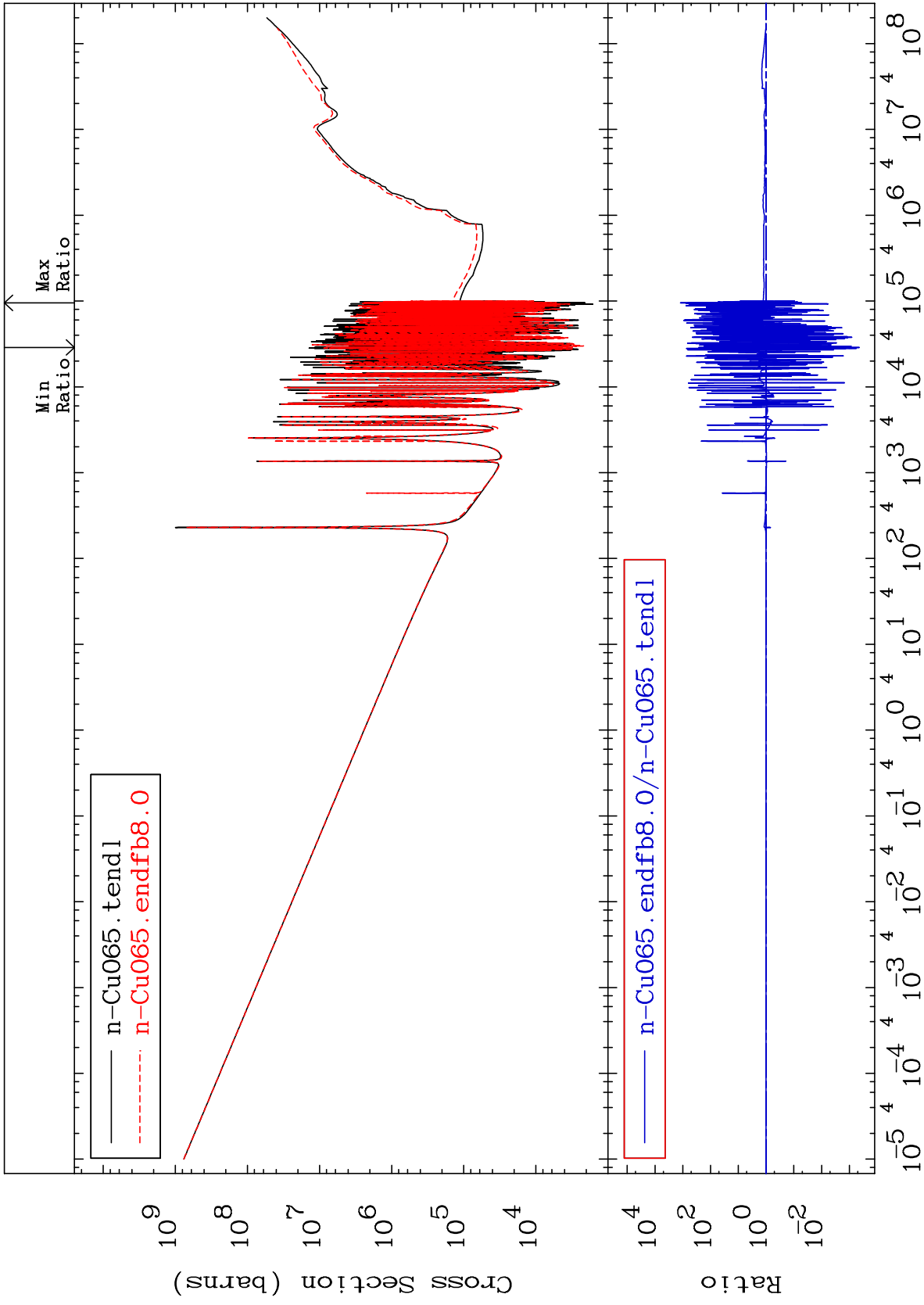
Incident Energy (eV)

29-Cu-65





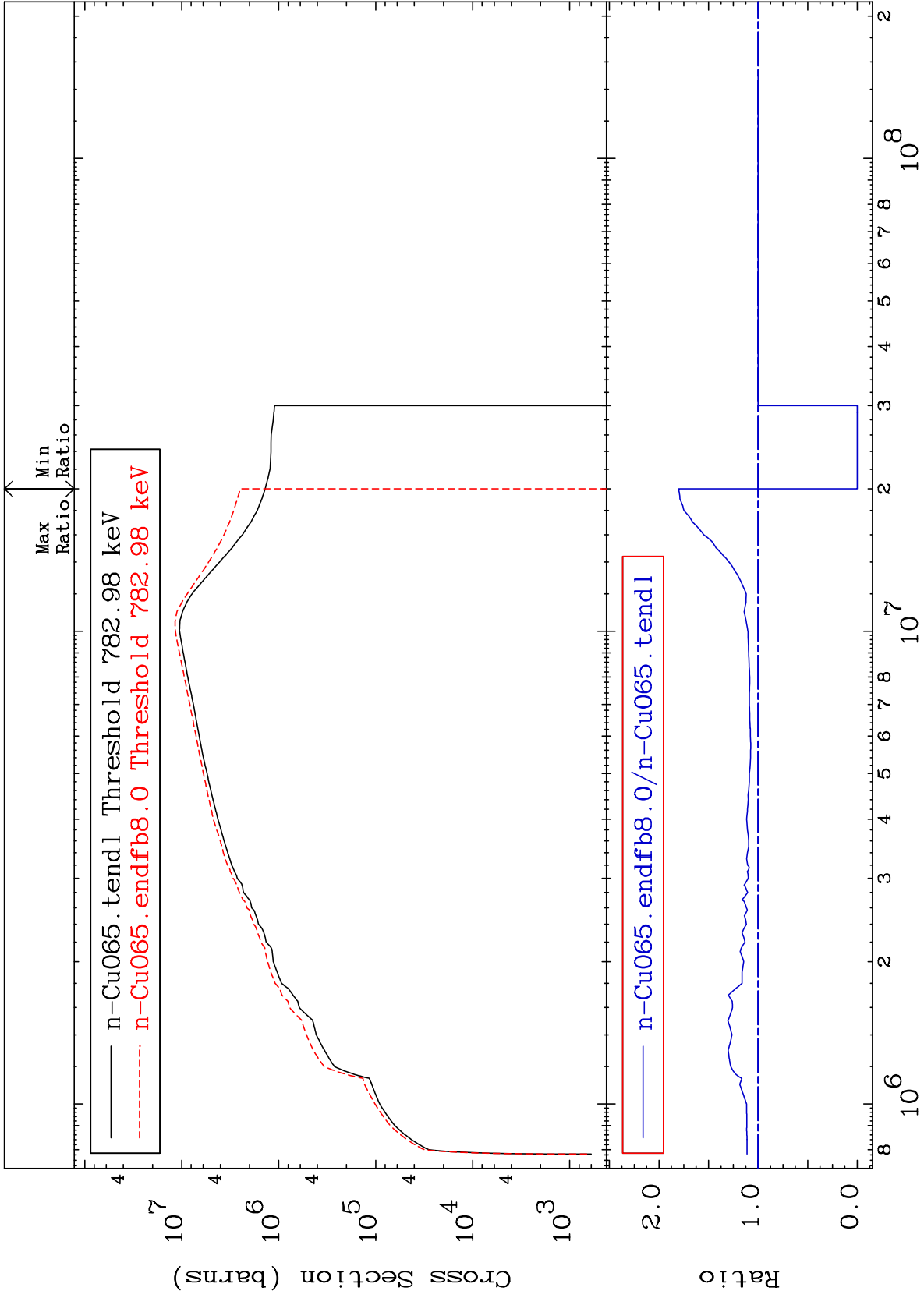




MAT 2931

Kerma inelastic (mt51-91)
Cross Section

29-Cu-65
-100.0 To 80.18 %



53

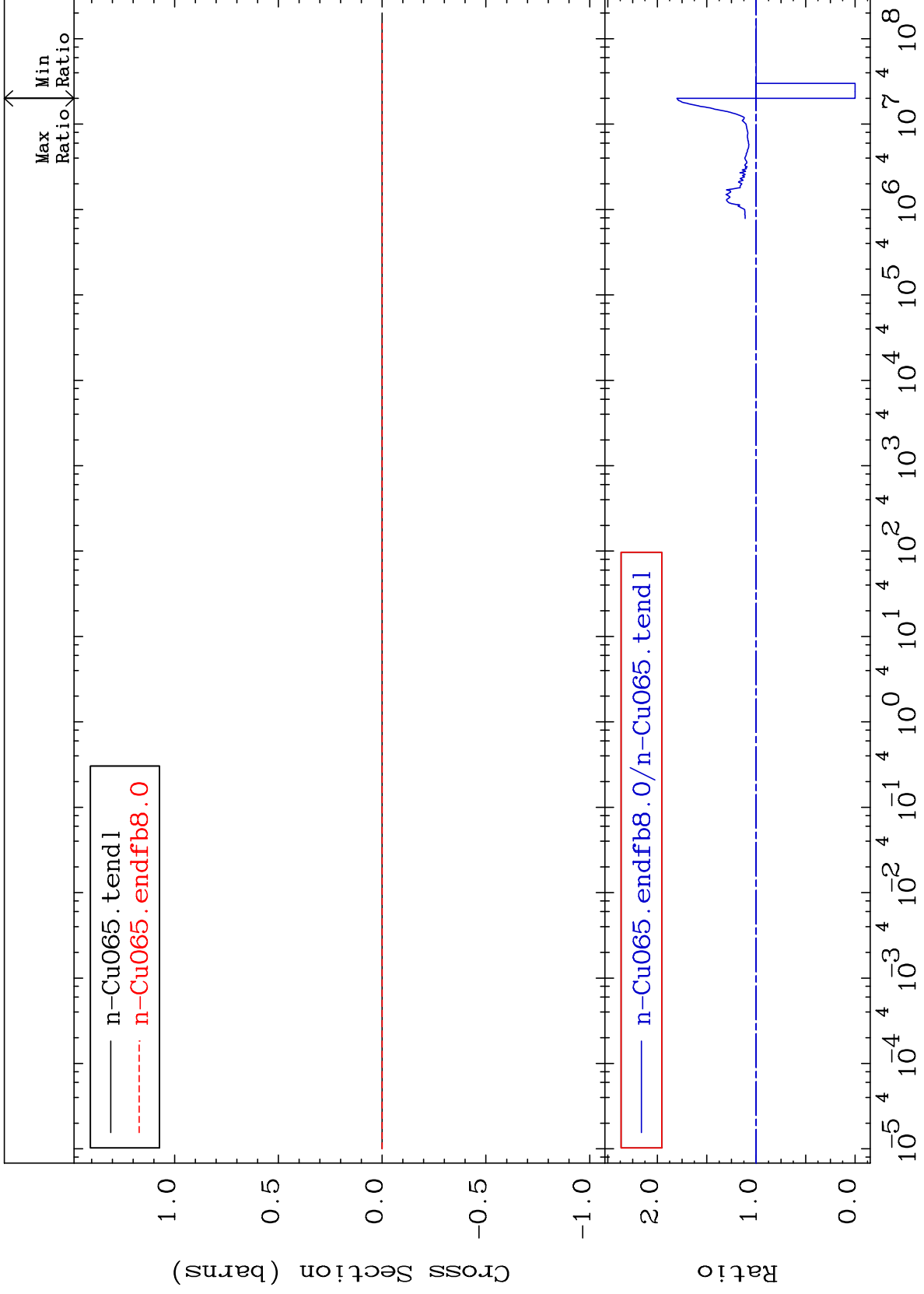
Incident Energy (eV)

29-Cu-65

MAT 2931

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

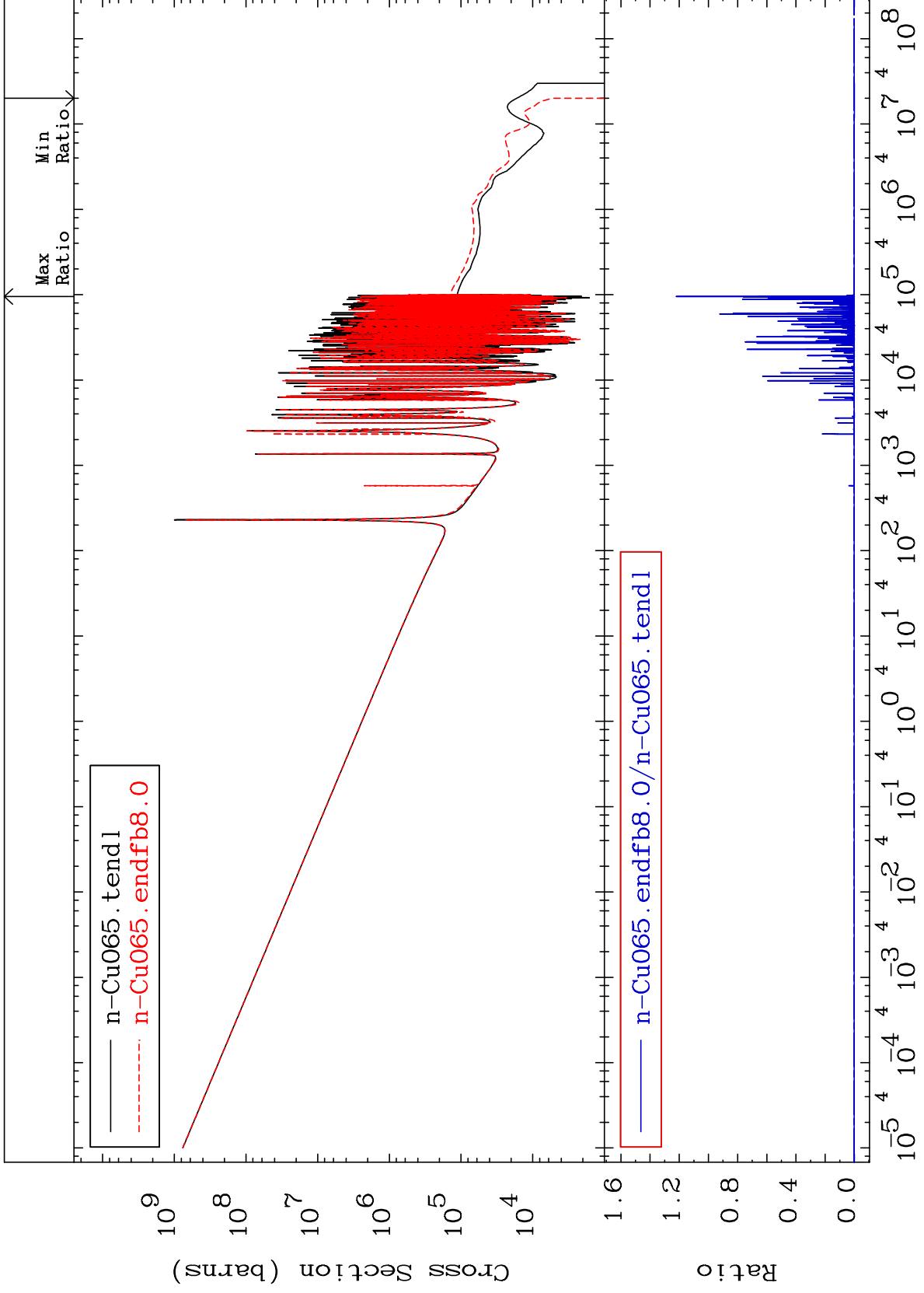
29-Cu-65
-100.0 To 80.18 %



MAT 2931

Kerma capture (mt102)
Cross Section

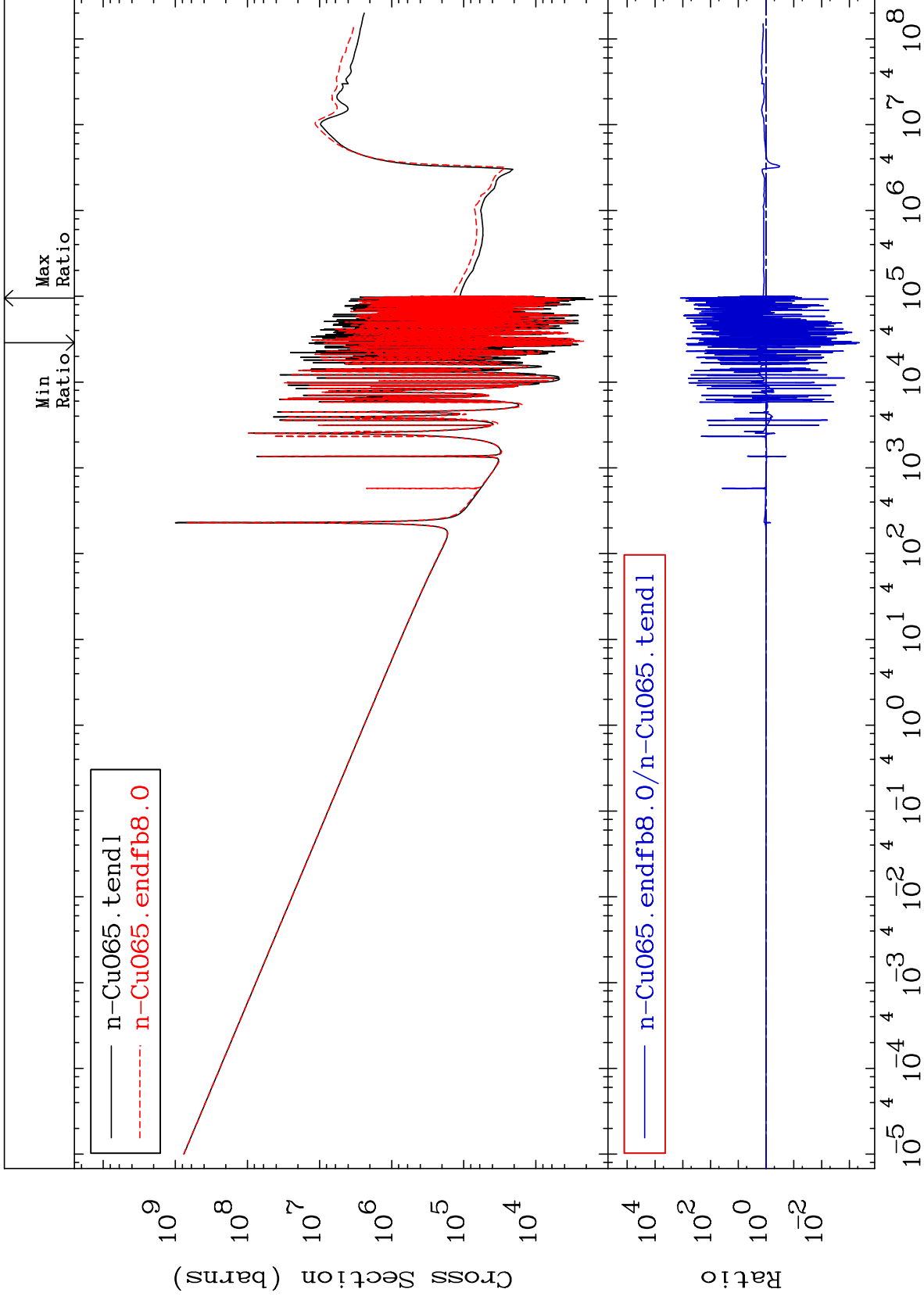
29-Cu-65
-100.0 To 9999. %

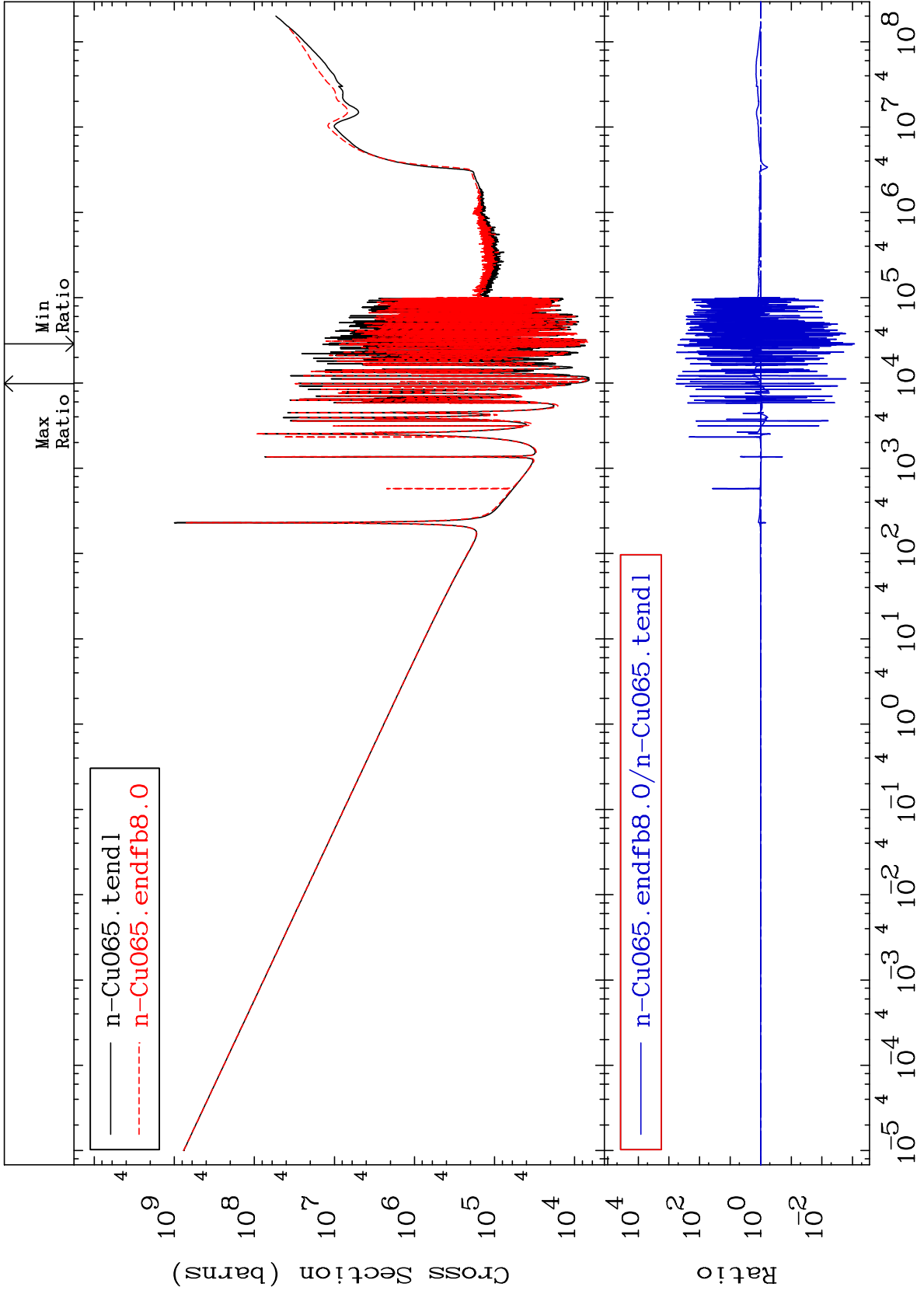


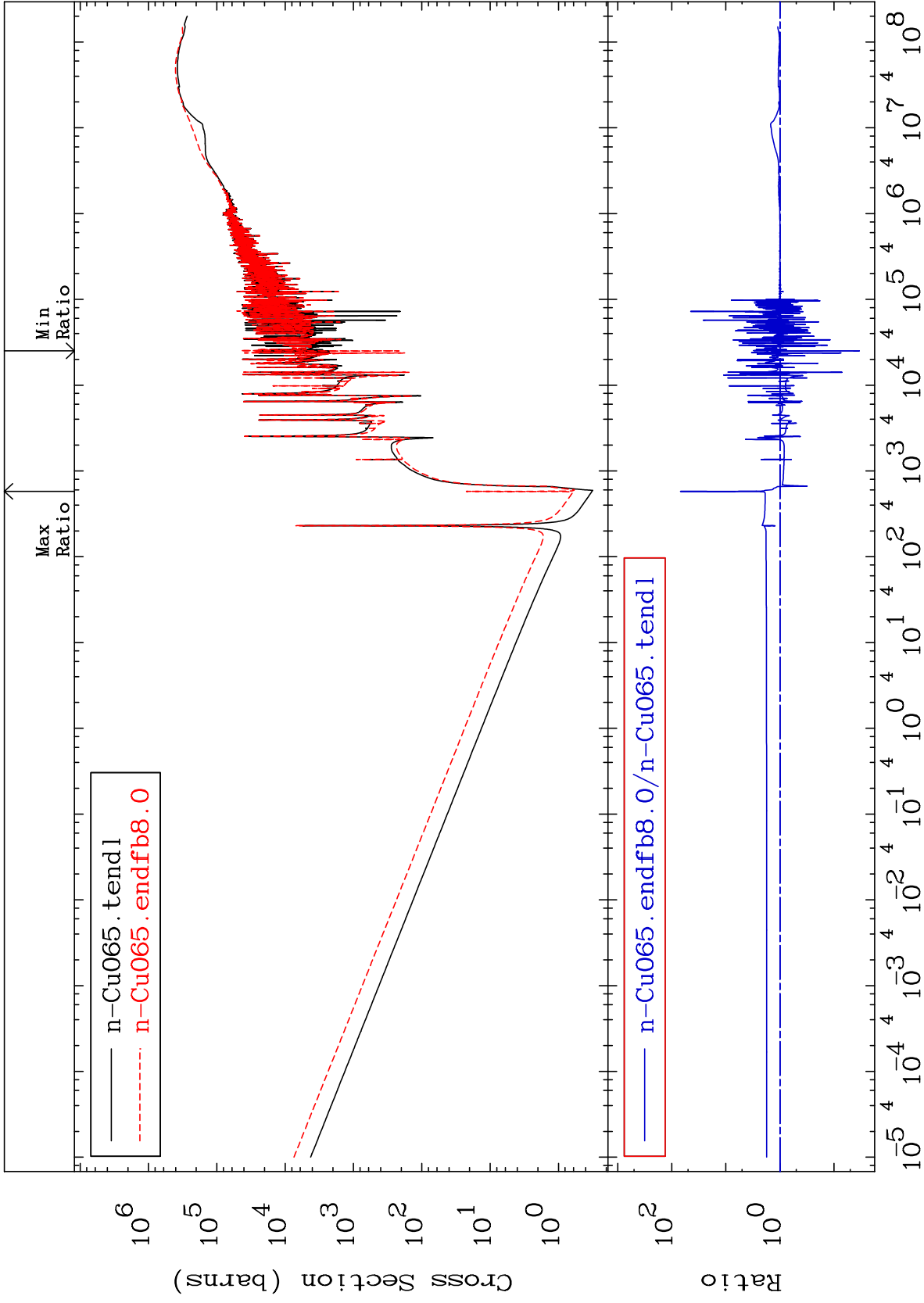
55

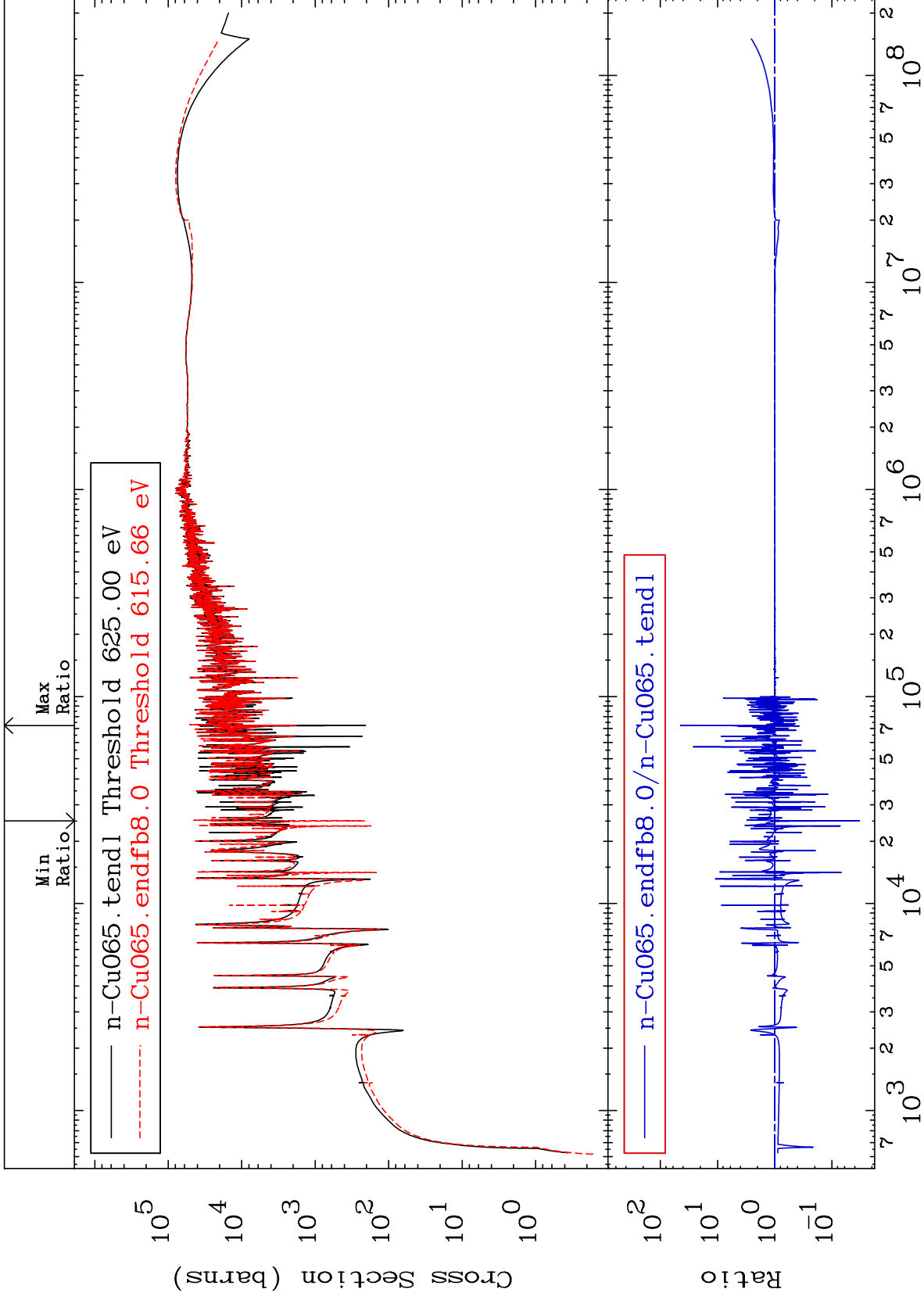
Incident Energy (eV)

29-Cu-65









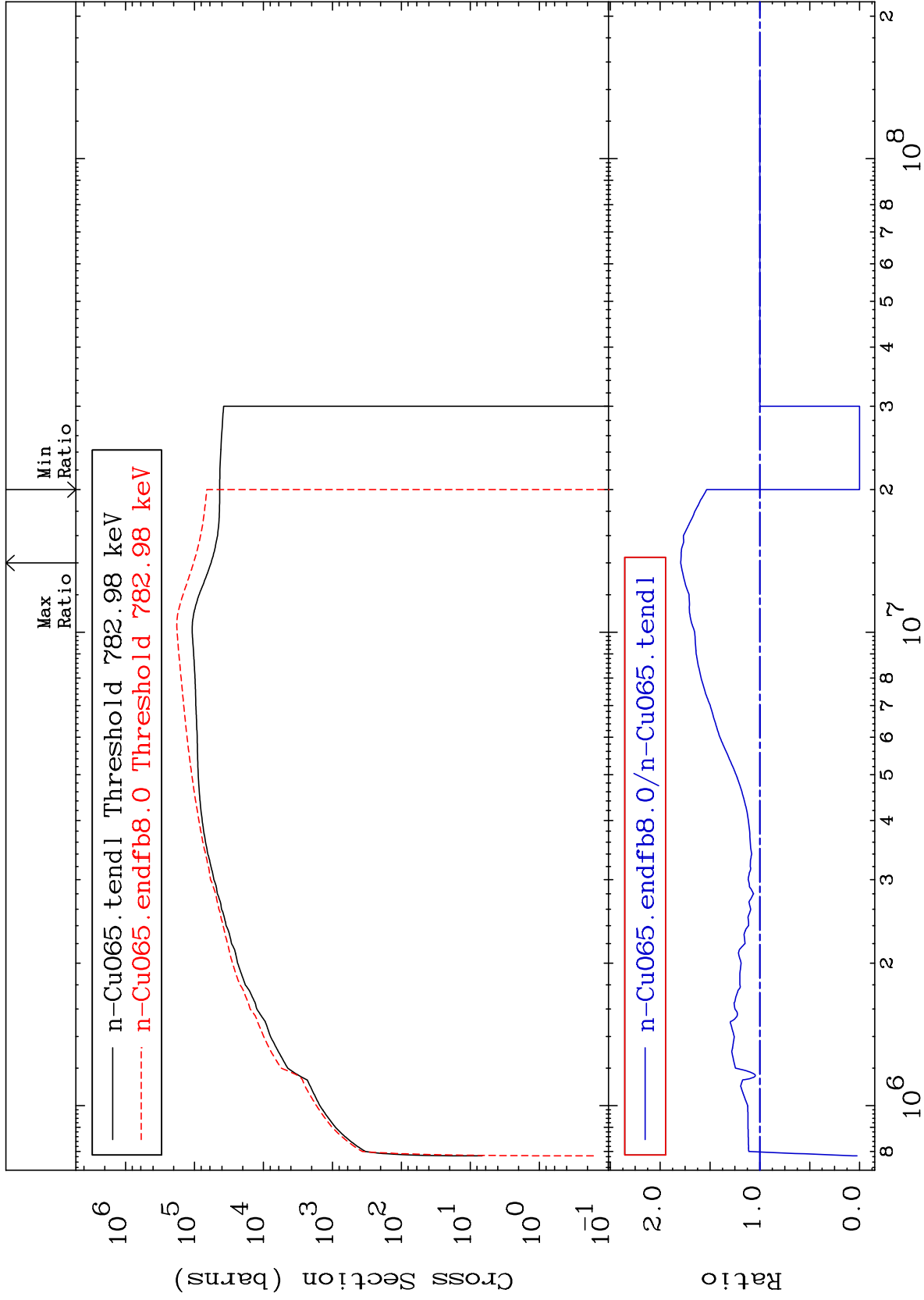
MAT 2931

Dpa inelastic (mt51-91)

29-Cu-65

-100.0 To 79.32 %

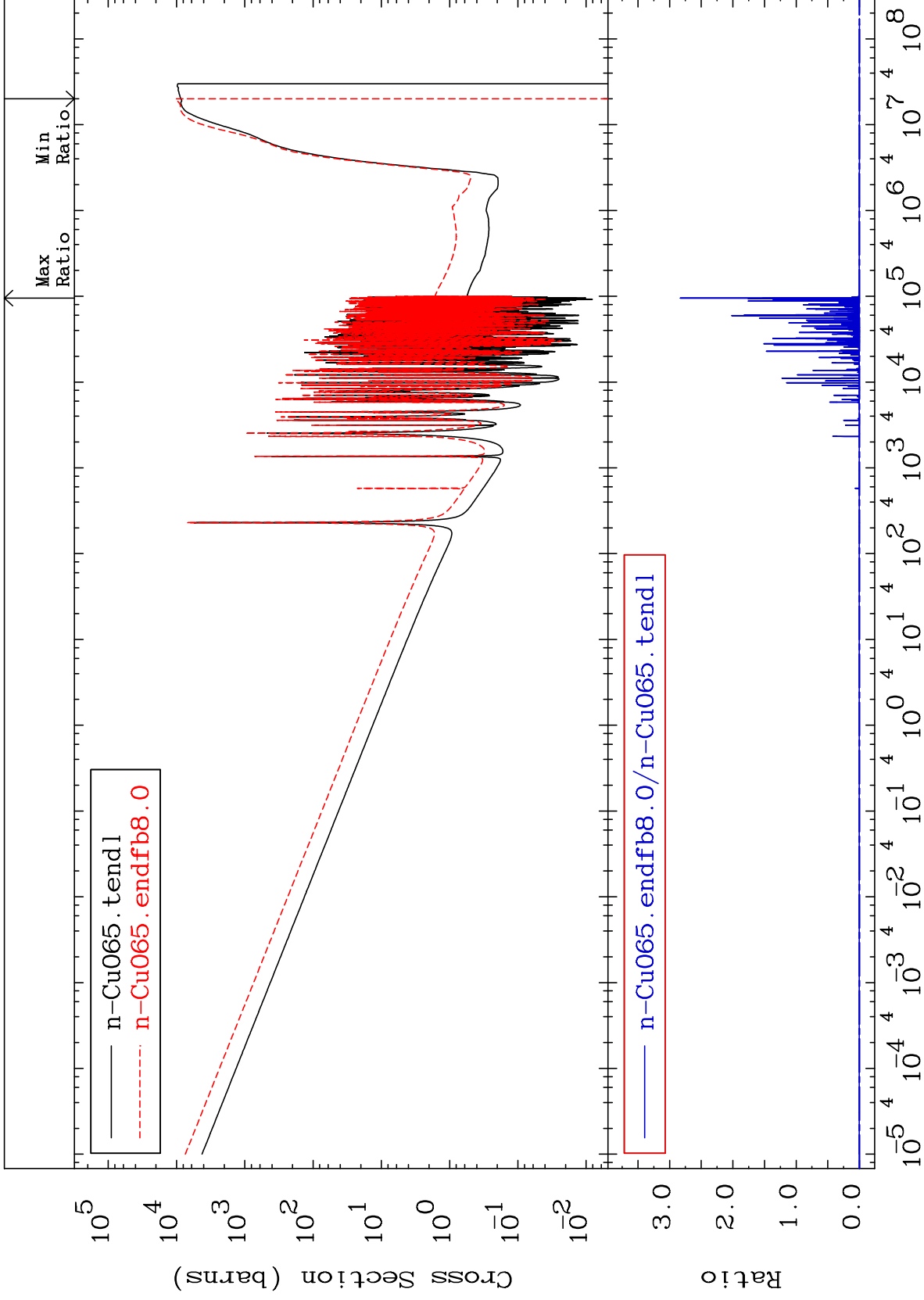
Cross Section



MAT 2931

Dpa disappearance (mt102 -120)
Cross Section

29-Cu-65
-100.0 To 9999. %



61

29-Cu-65