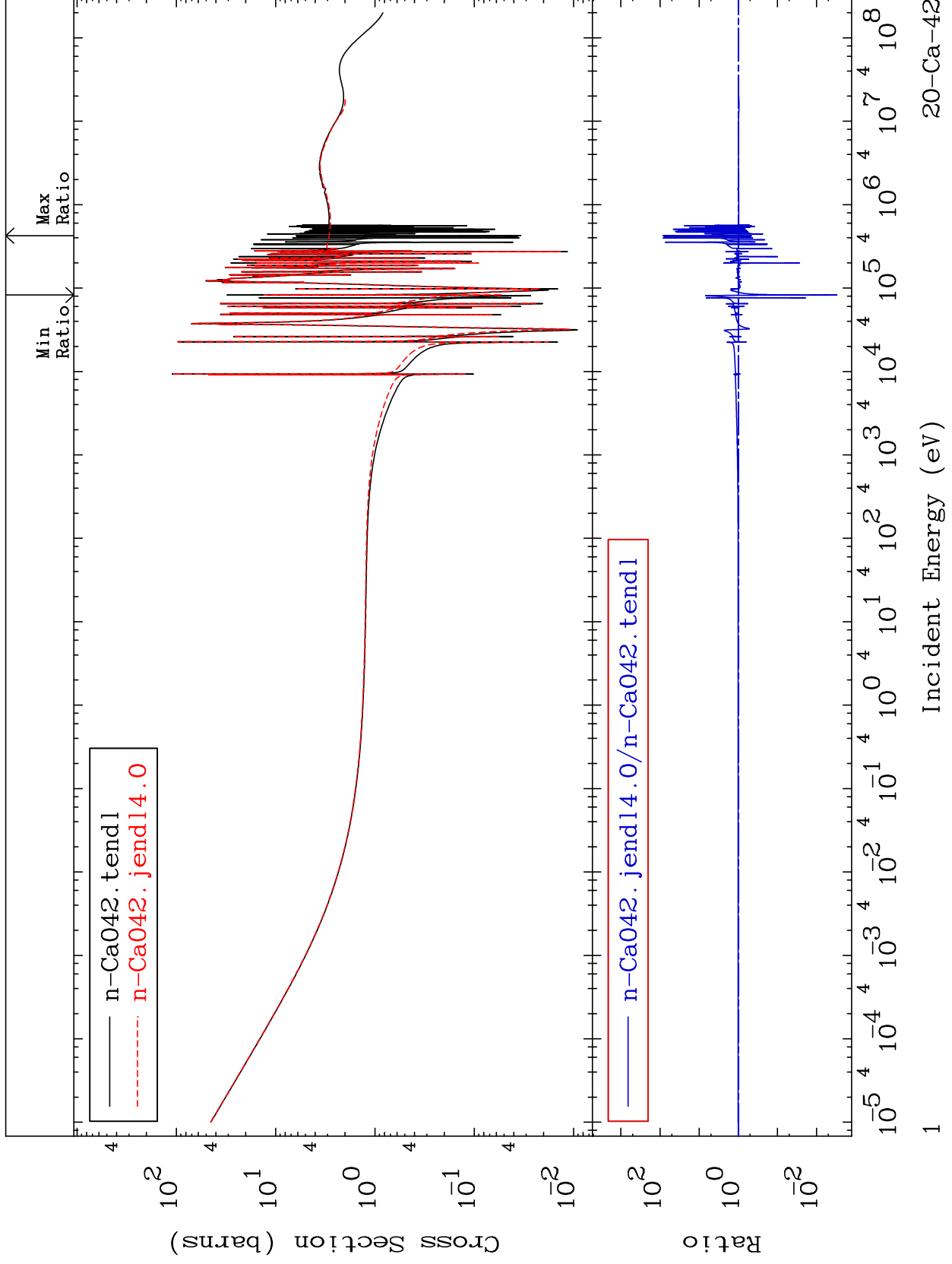


MAT 2031

Total
Cross Section

20-Ca-42
-99.70 To 8394. %

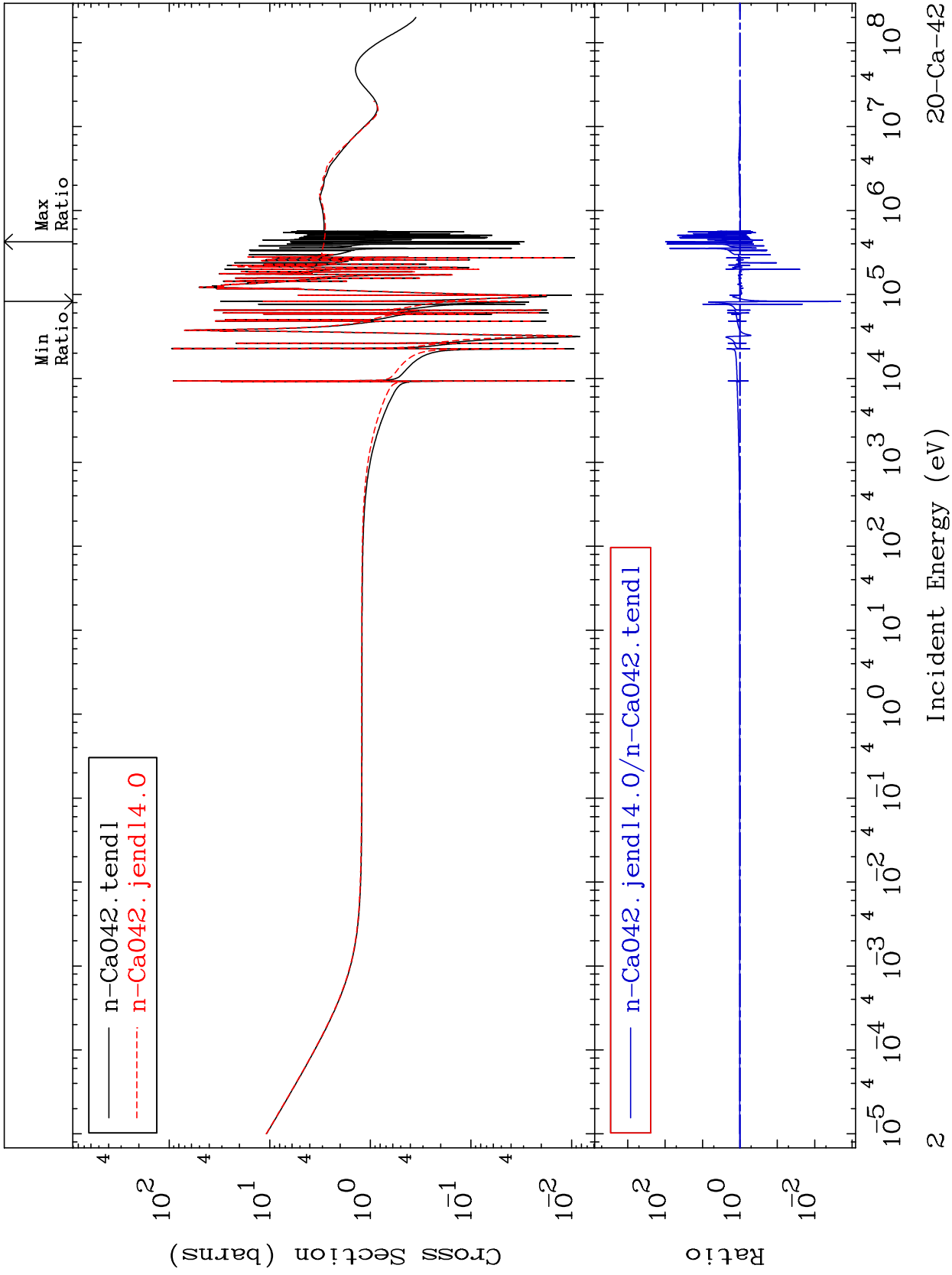


20-Ca-42

MAT 2031

Elastic
Cross Section

20-Ca-42
-99.80 To 9643. %



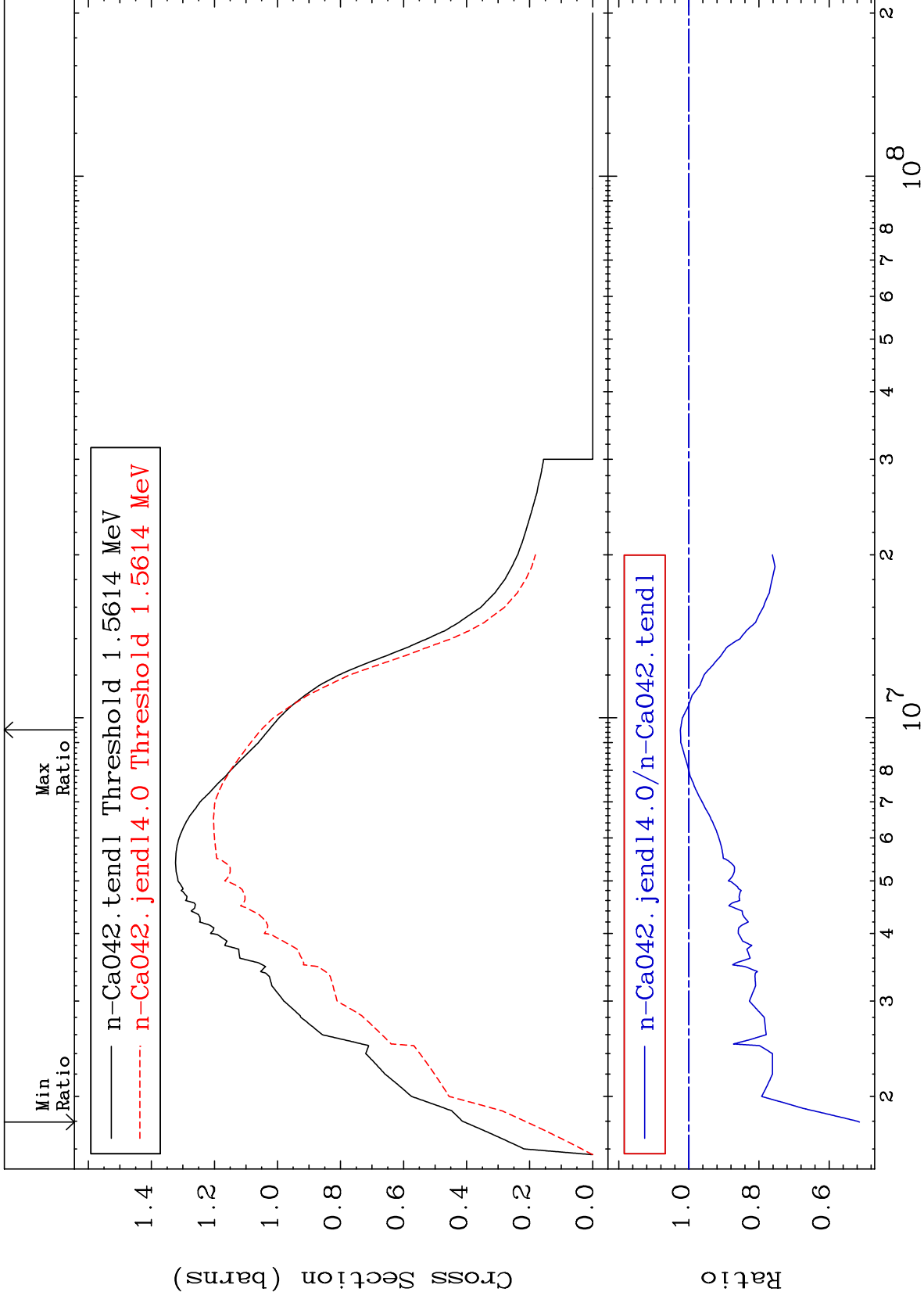
20-Ca-42

Incident Energy (eV)

MAT 2031

Inelastic
Cross Section

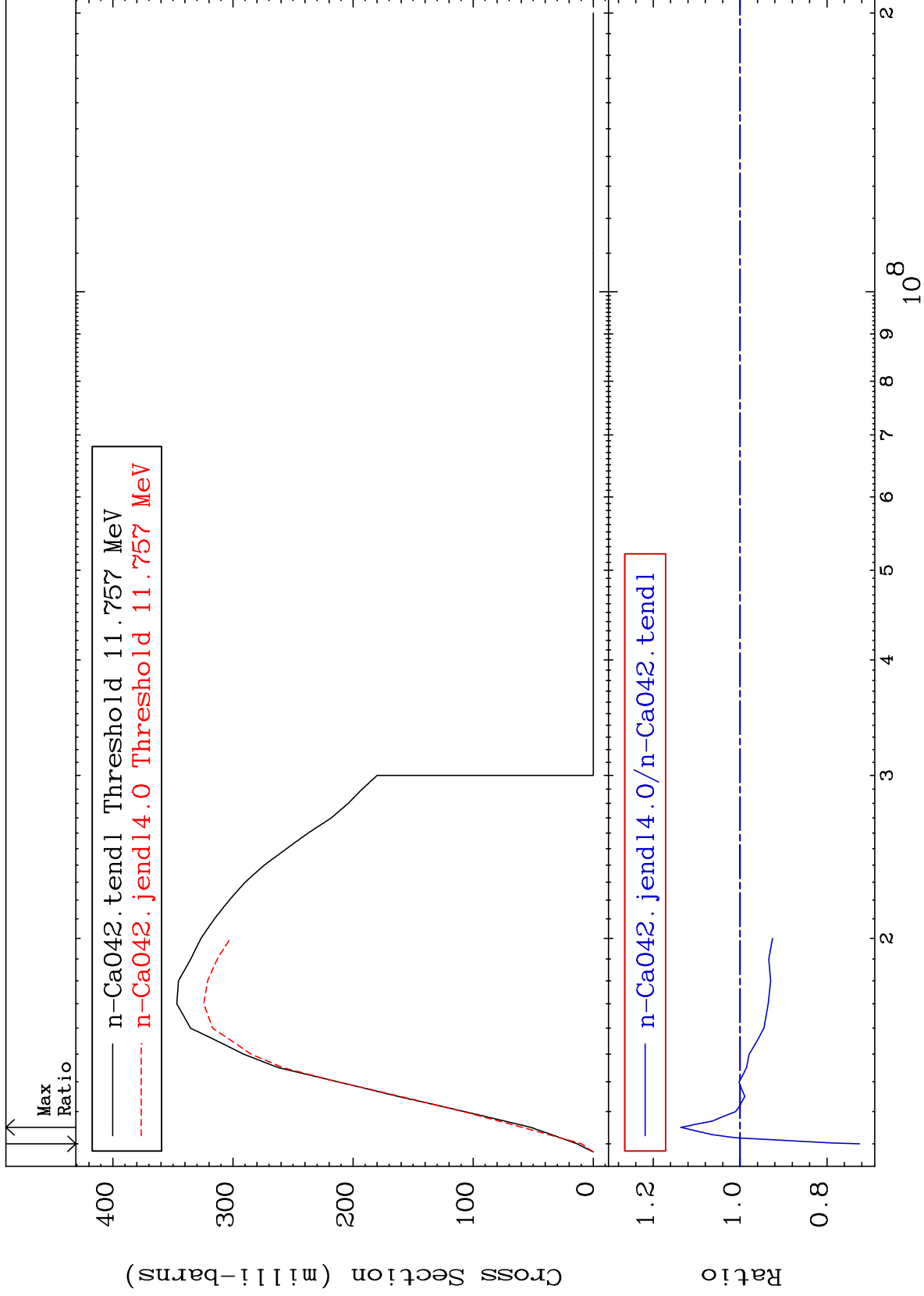
20-Ca-42
-48.65 To 2.438 %



MAT 2031

(n,2n)
Cross Section

20-Ca-42
-27.49 To 13.65 %



4

Incident Energy (eV)

20-Ca-42

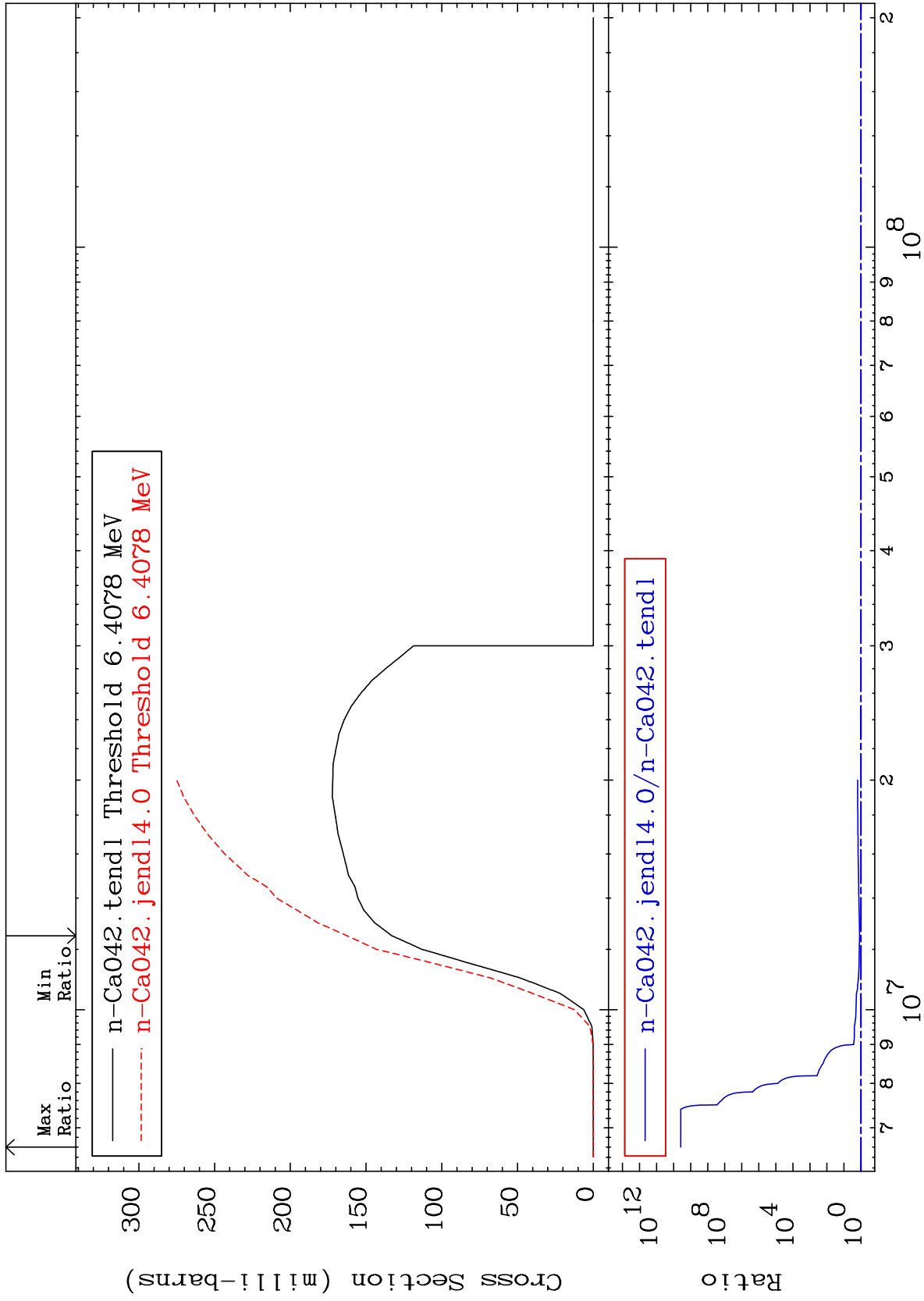
MAT 2031

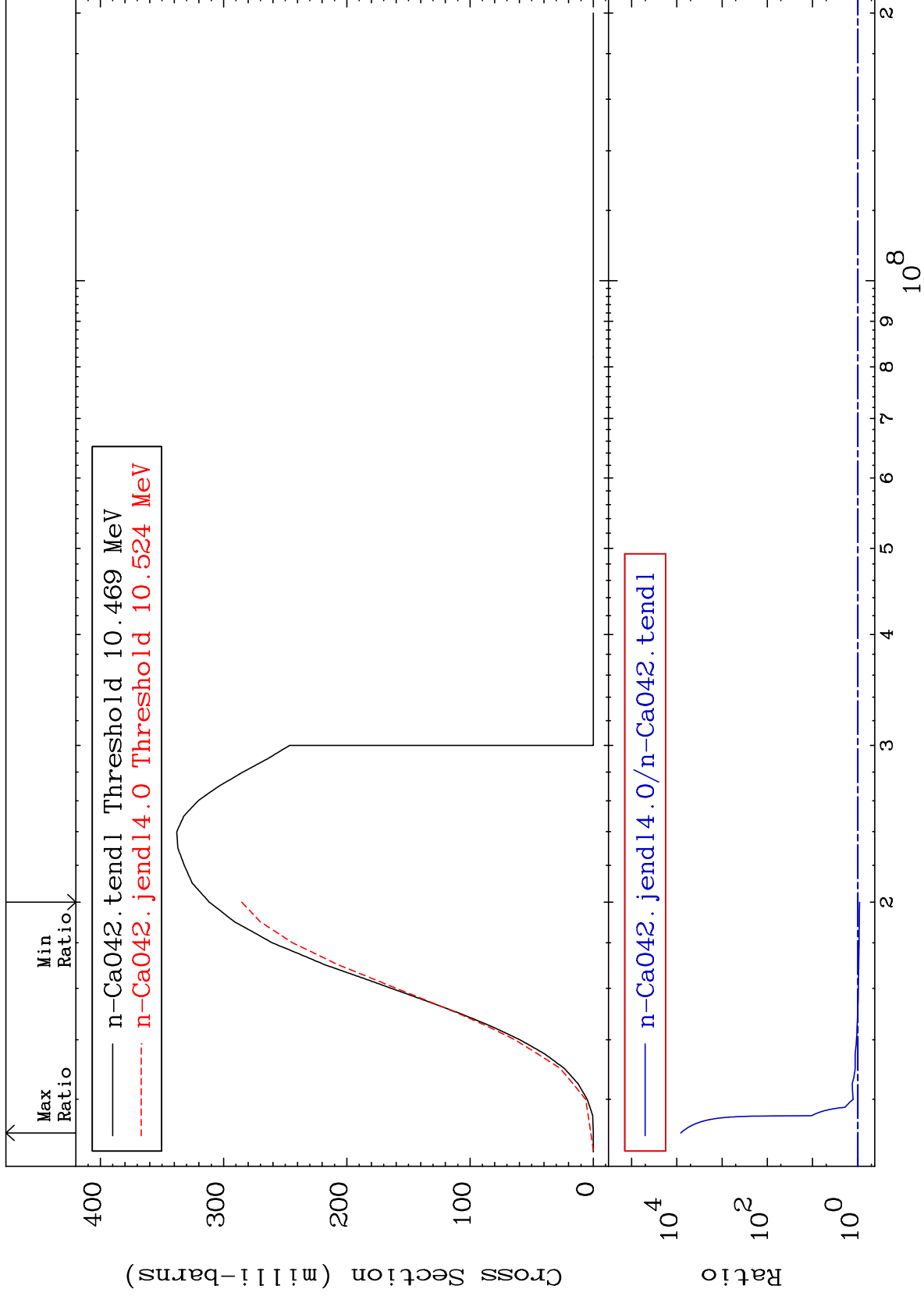
(n,n') α

Cross Section

20-Ca-42

22.24 To 9999. %

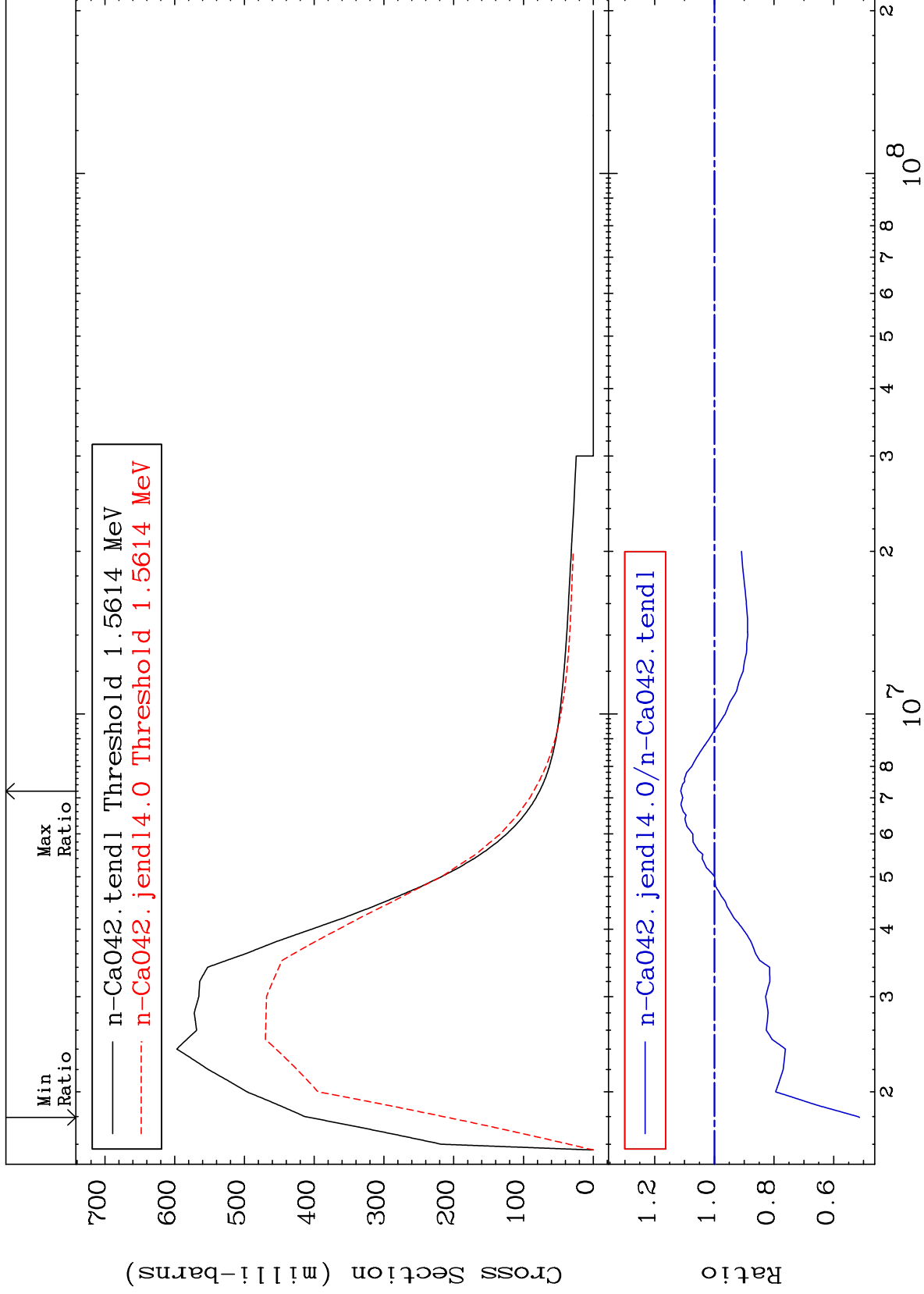




MAT 2031

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

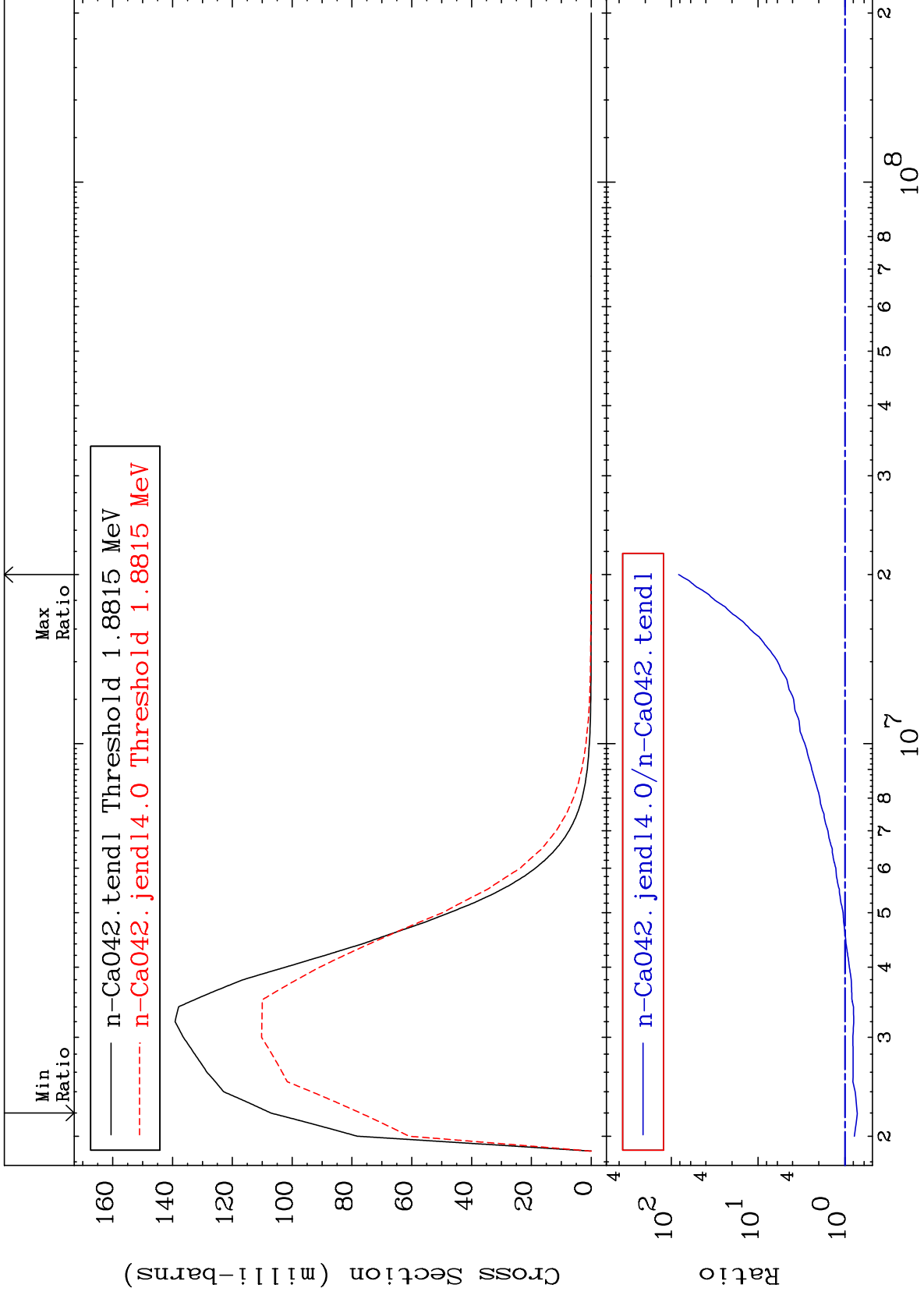
20-Ca-42
-48.65 To 11.27 %



MAT 2031

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

20-Ca-42
-27.98 To 8151. %



8

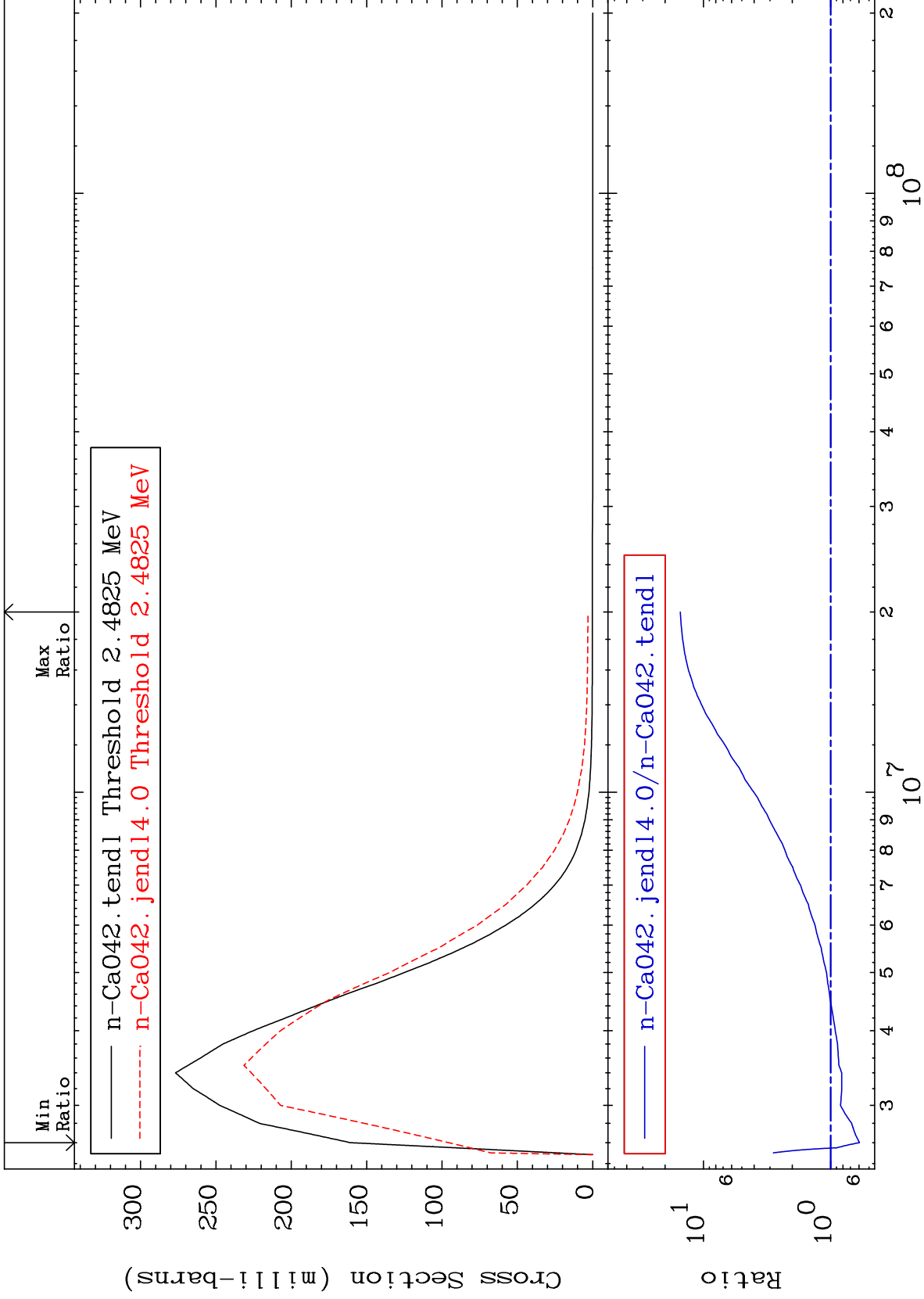
Incident Energy (eV)

20-Ca-42

MAT 2031

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

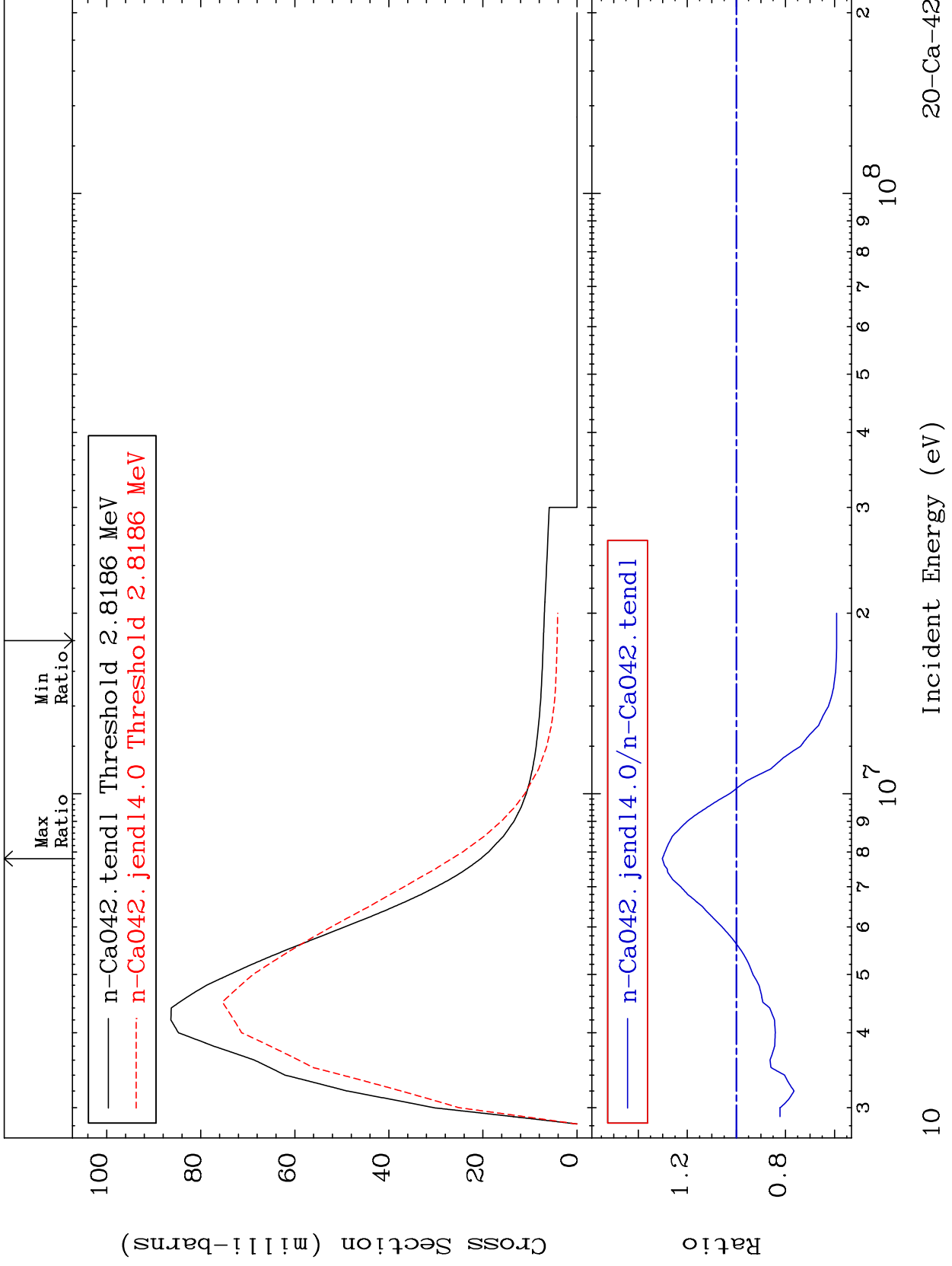
20-Ca-42
-40.54 To 1417. %



MAT 2031

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

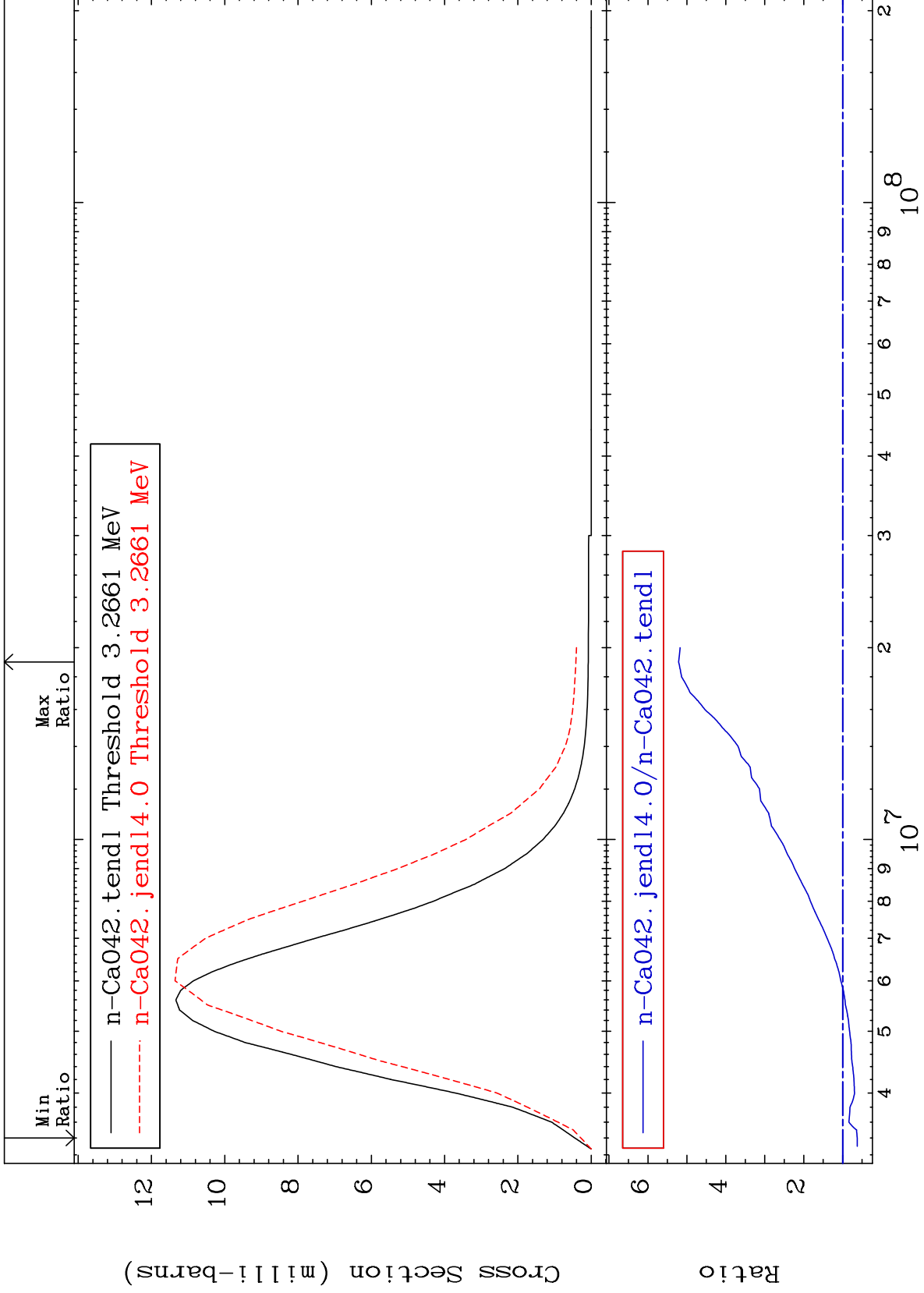
20-Ca-42
-40.87 To 30.18 %



MAT 2031

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

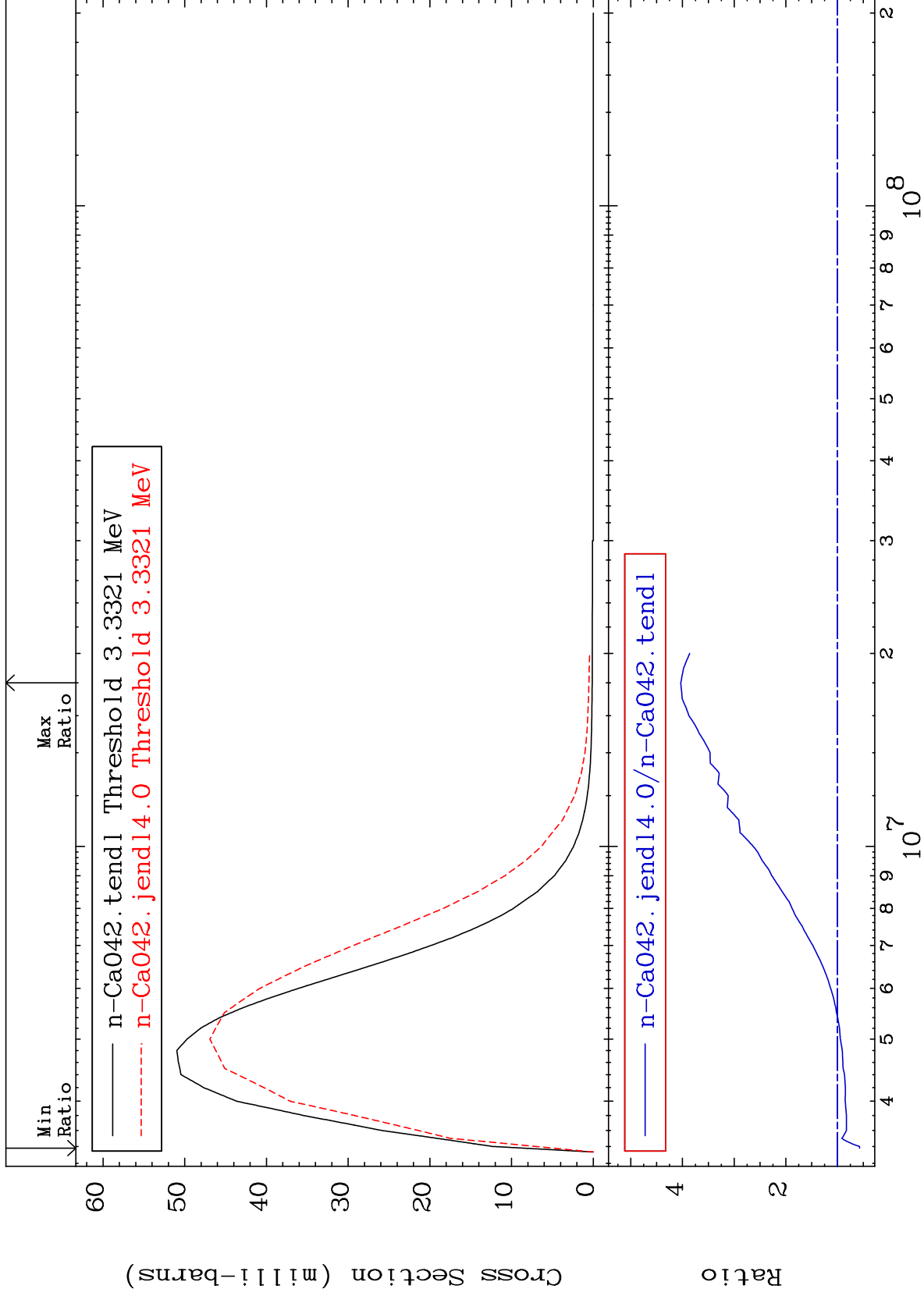
20-Ca-42
-37.51 To 421.1 %



MAT 2031

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

20-Ca-42
-42.79 To 303.3 %



12

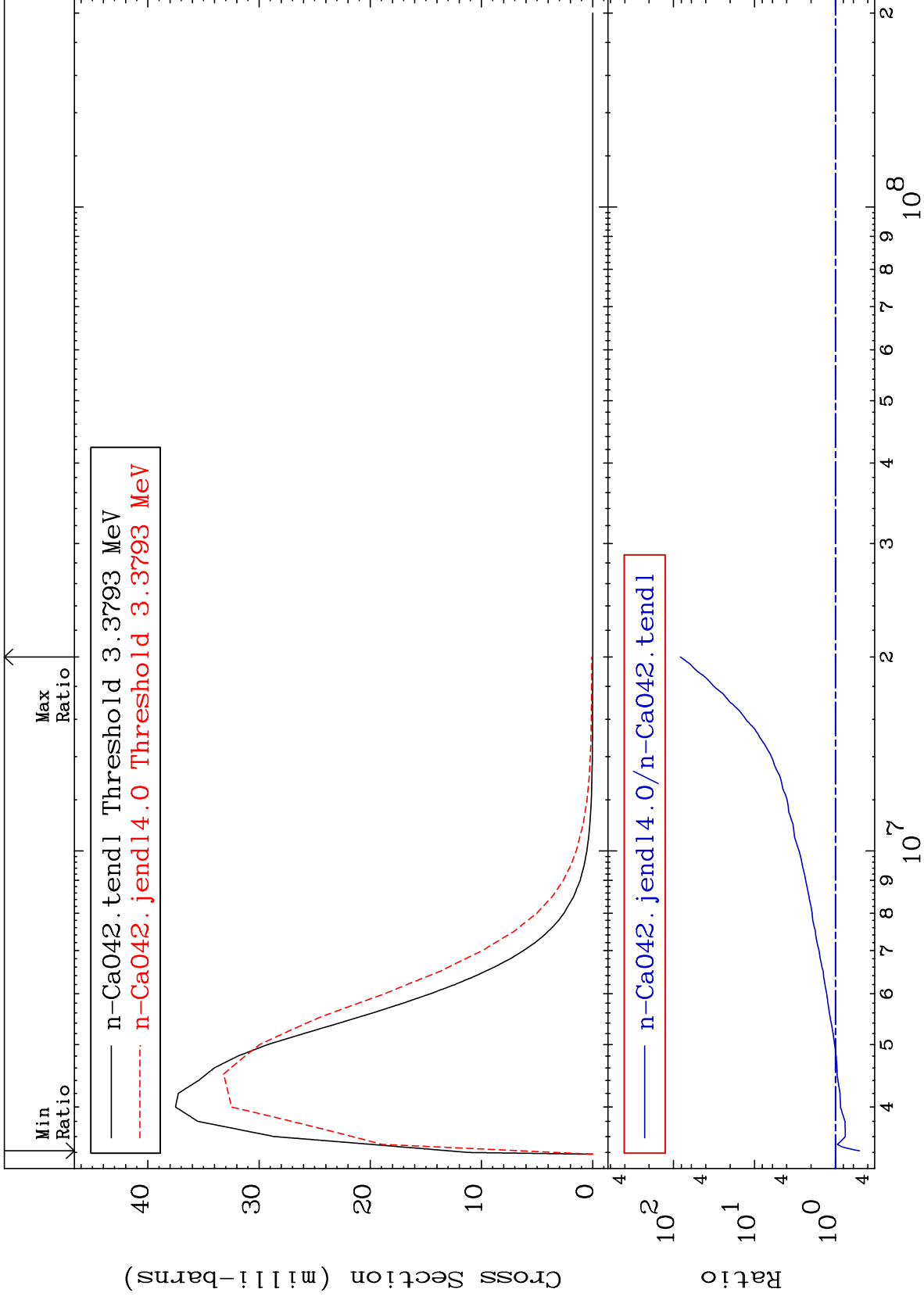
Incident Energy (eV)

20-Ca-42

MAT 2031

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

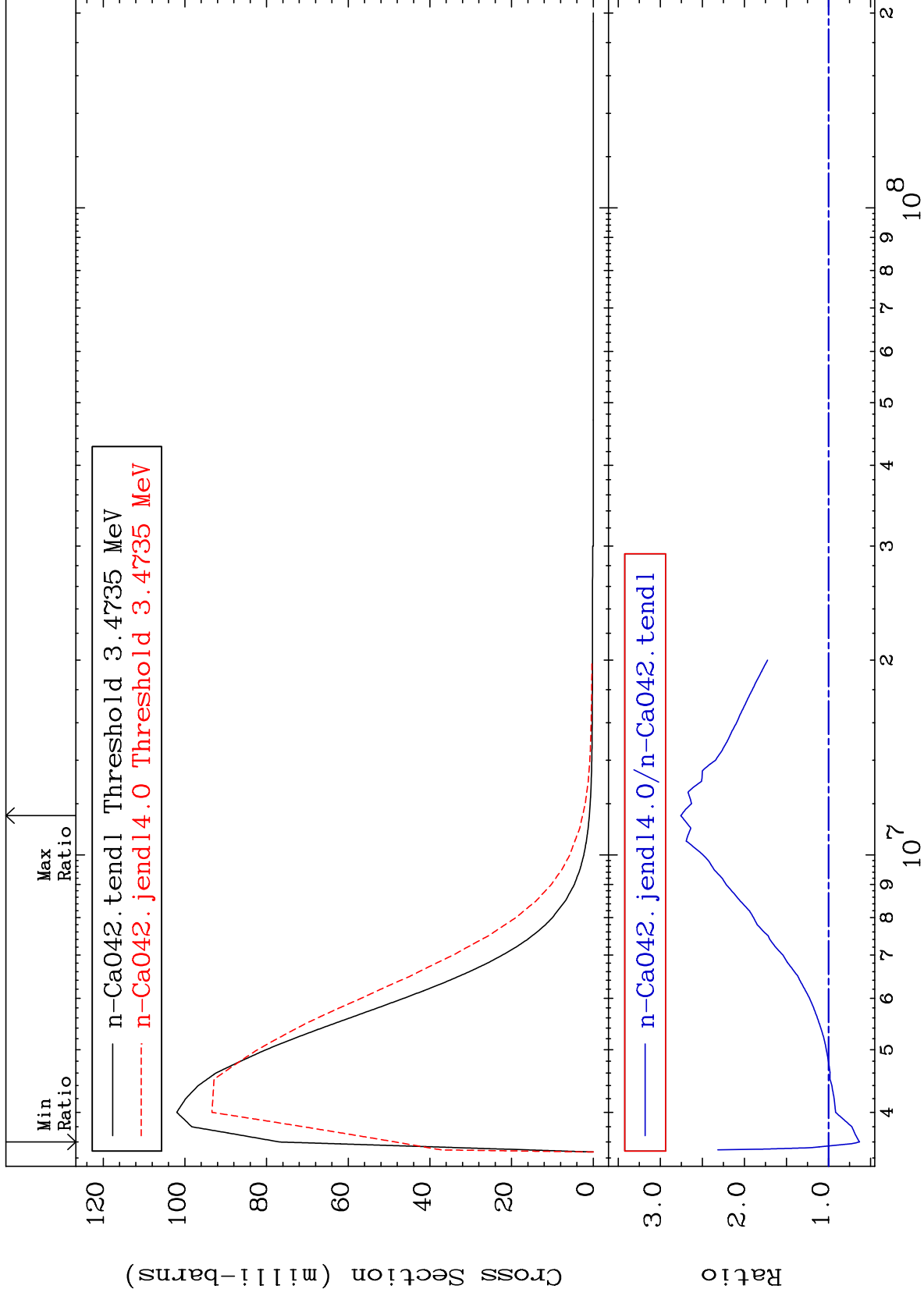
20-Ca-42
-49.45 To 8127. %



MAT 2031

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

20-Ca-42
-36.91 To 175.8 %



14

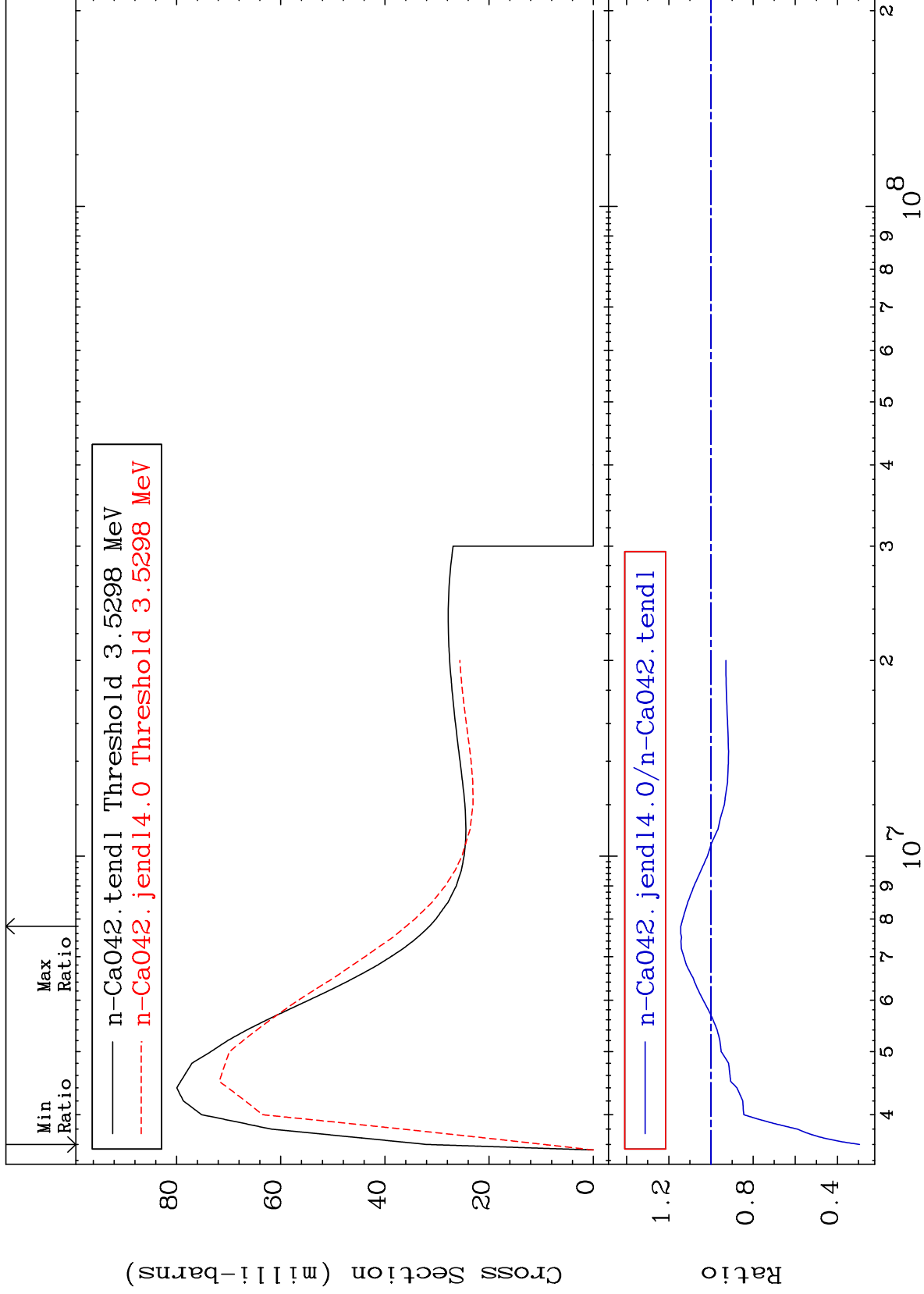
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-70.46 To 14.31 %



15

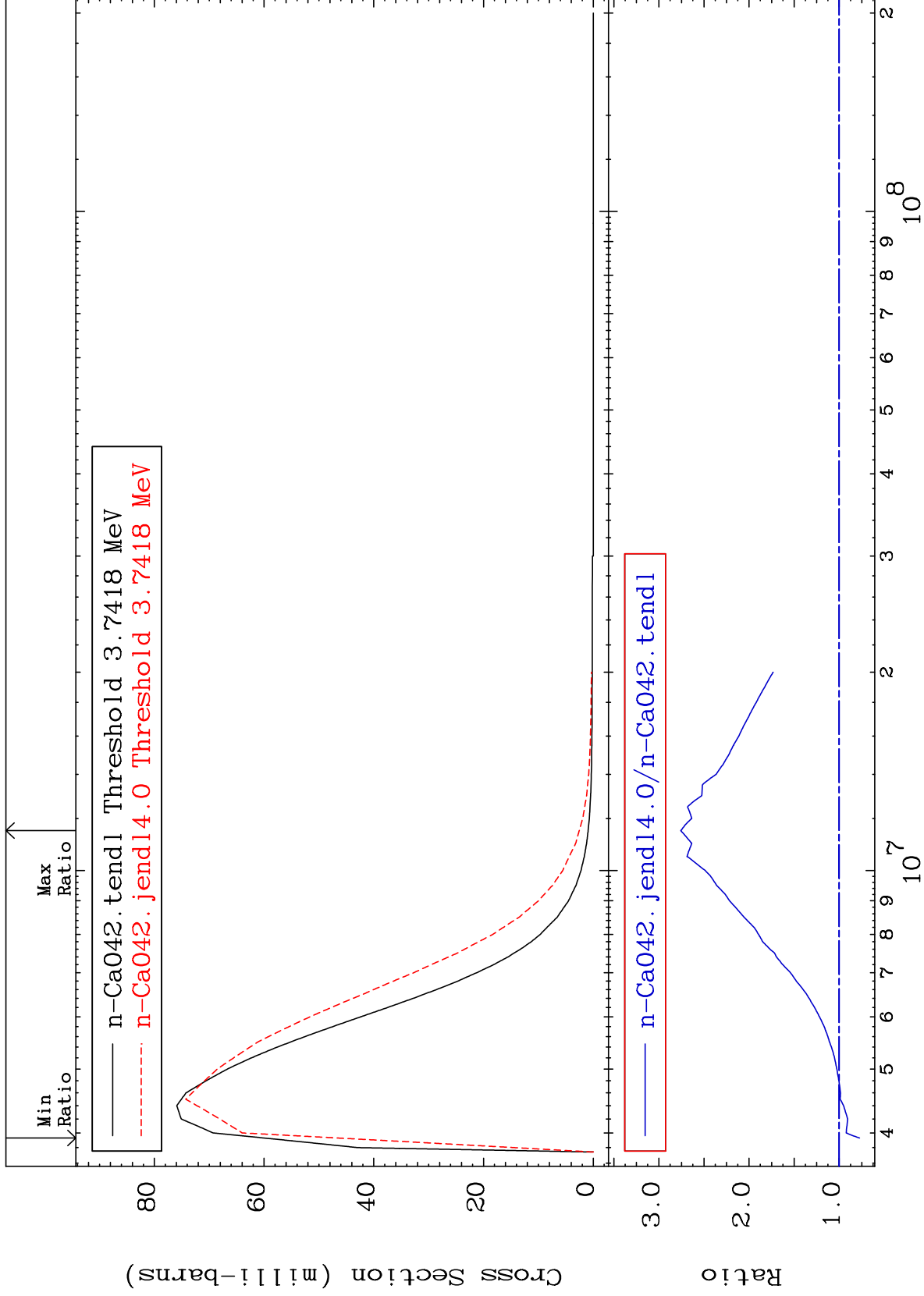
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-22.53 To 175.8 %

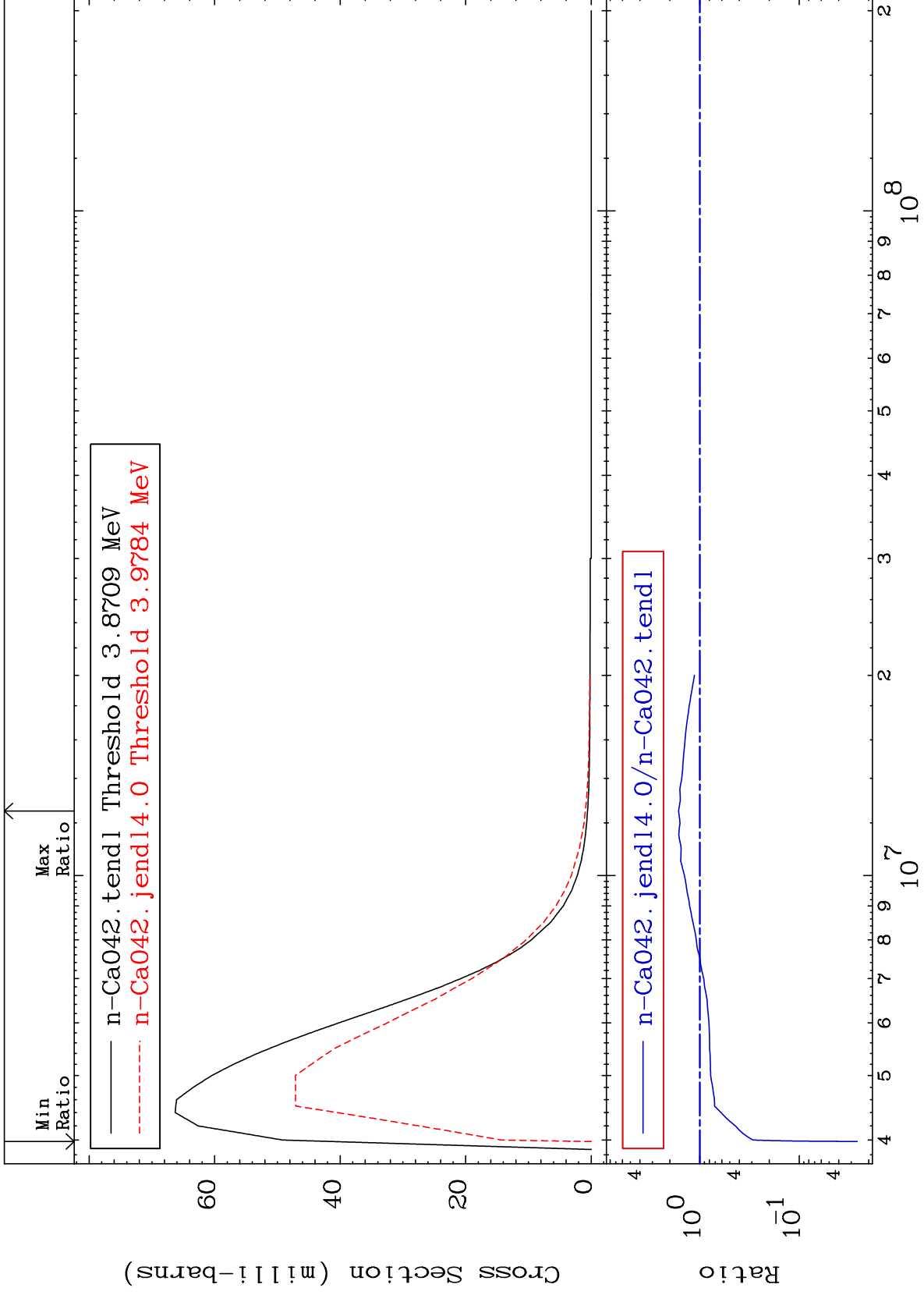


16

MAT 2031

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

20-Ca-42
-97.39 To 63.39 %



17

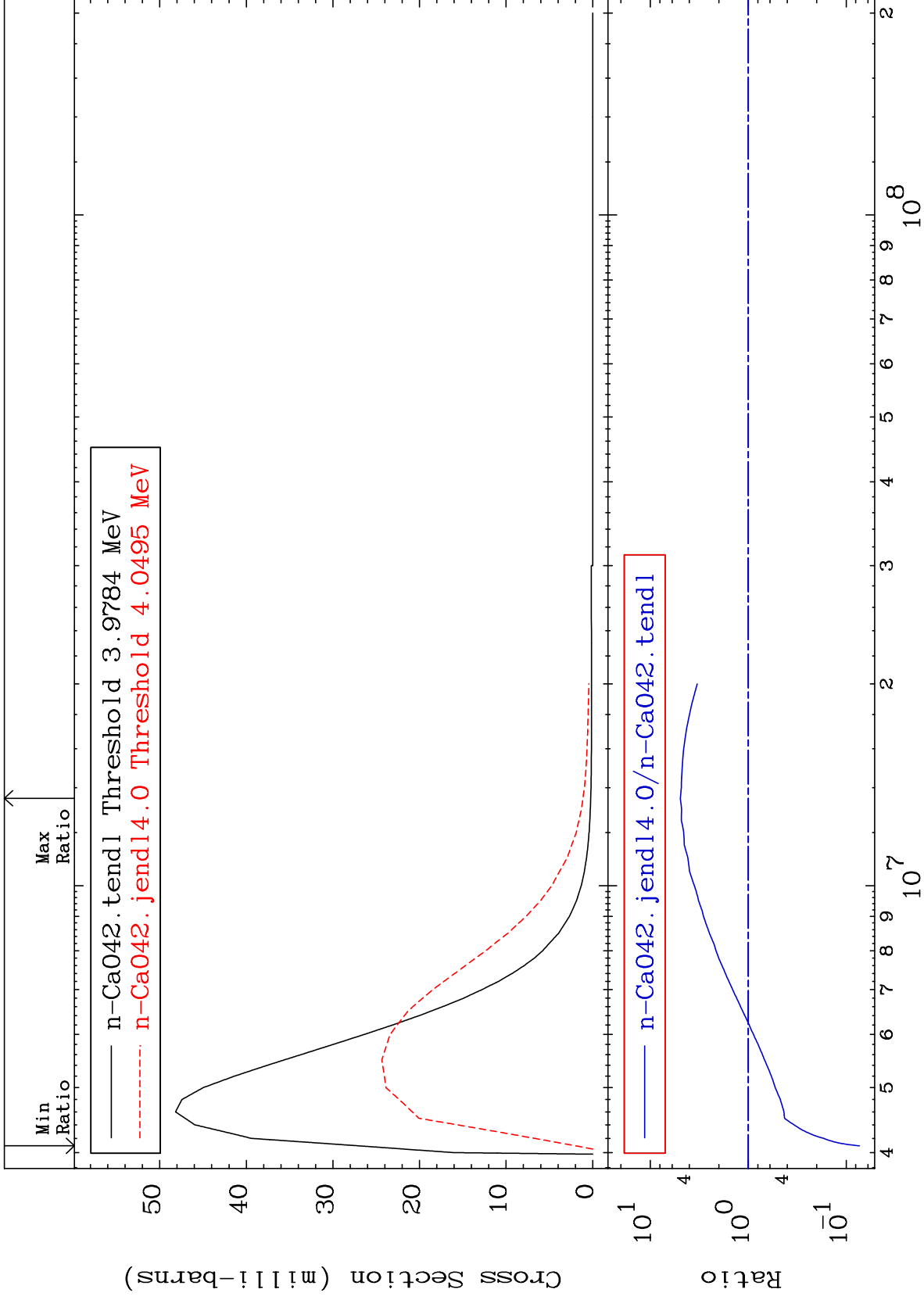
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-92.67 To 394.0 %



18

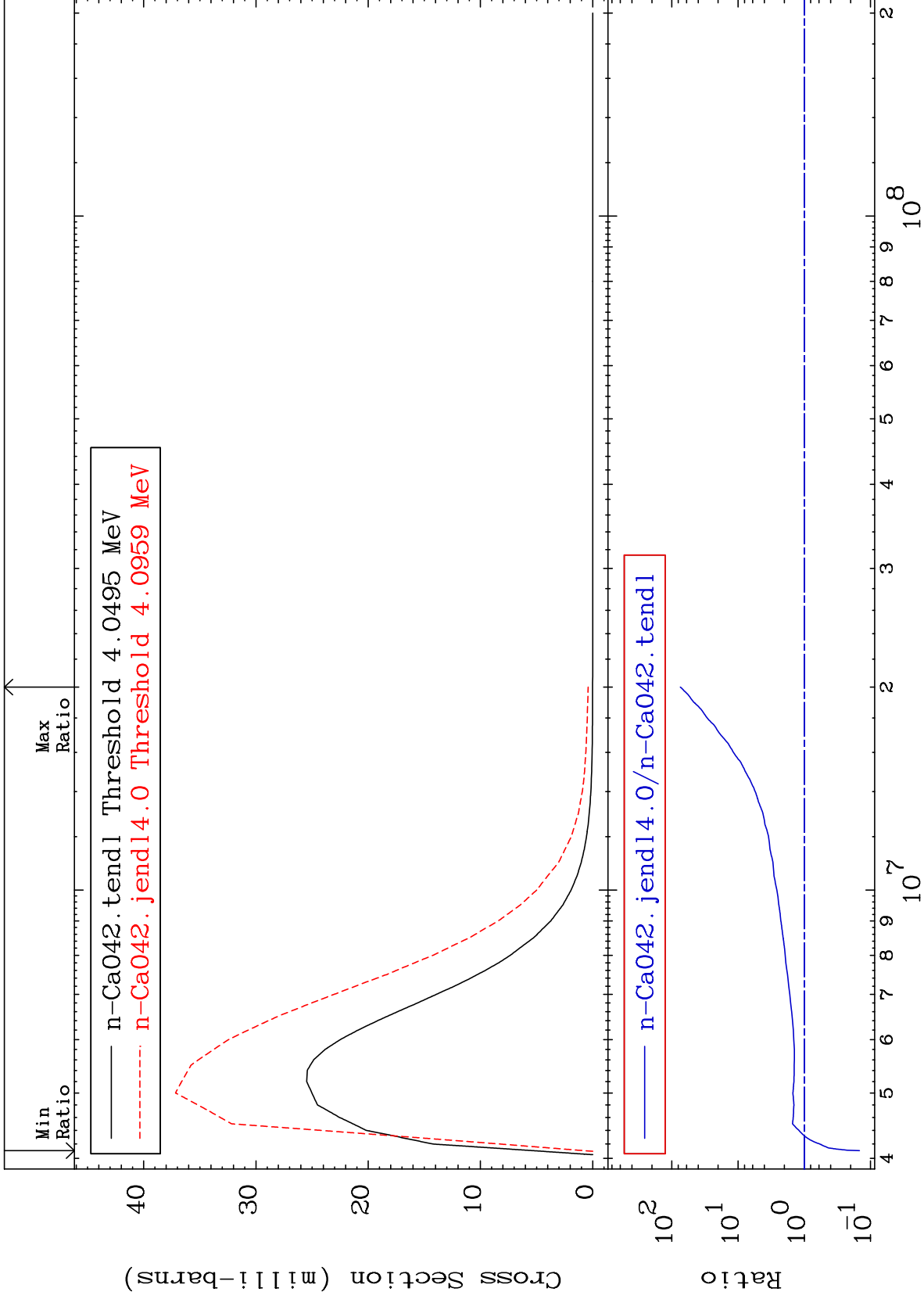
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-85.29 To 7335. %



19

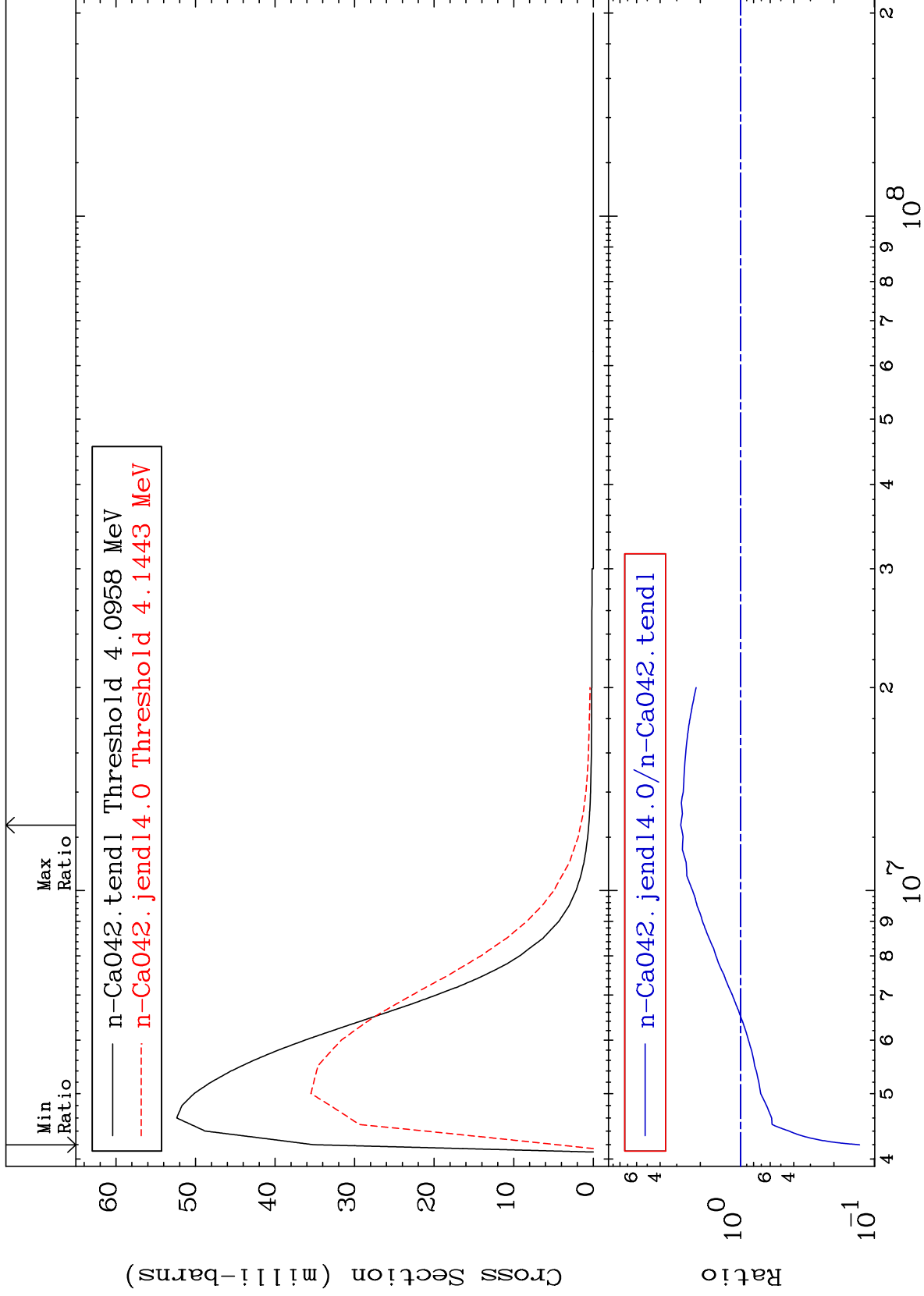
Incident Energy (eV)

20-Ca-42

MAT 2031

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

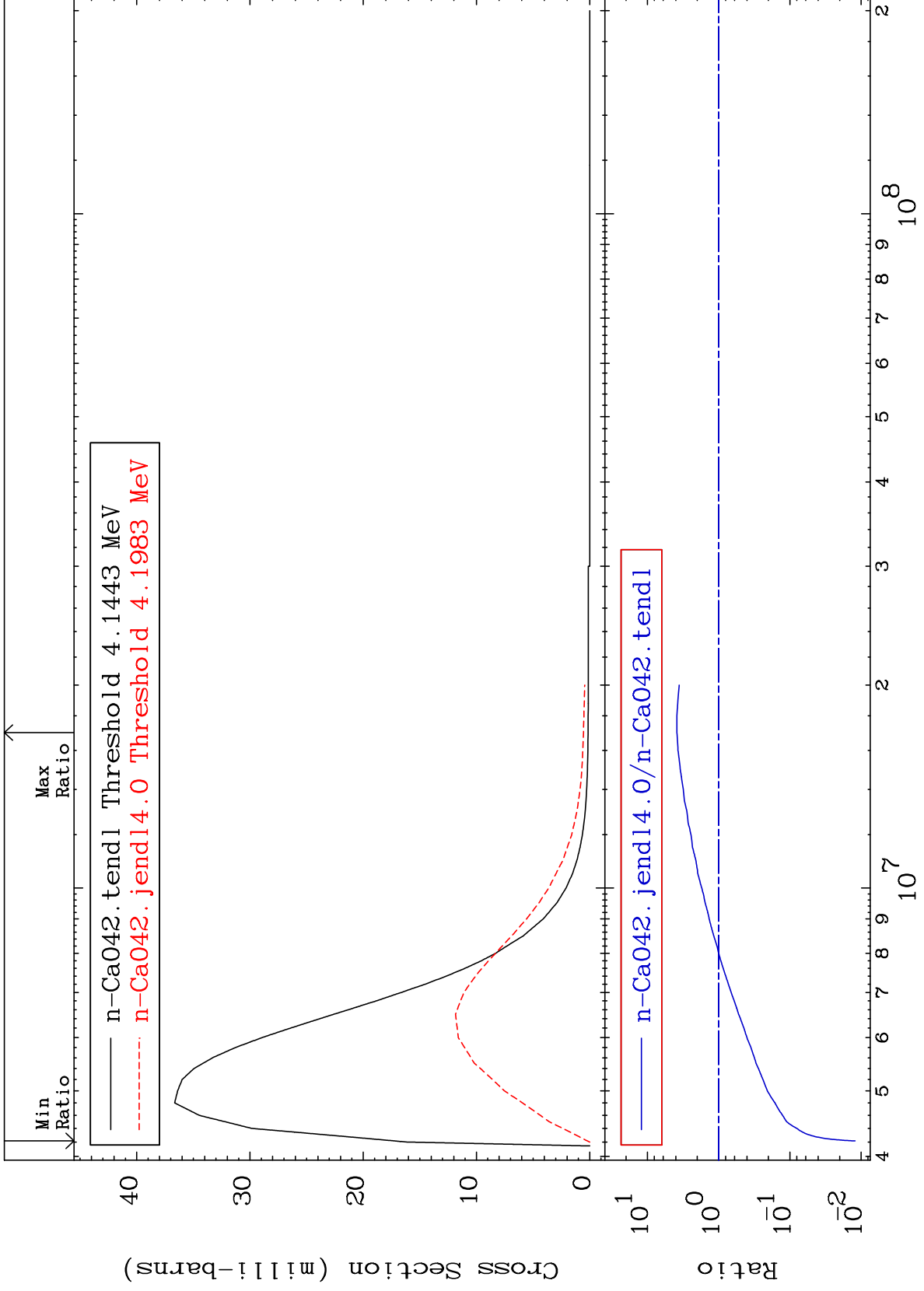
20-Ca-42
-87.12 To 180.3 %



MAT 2031

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

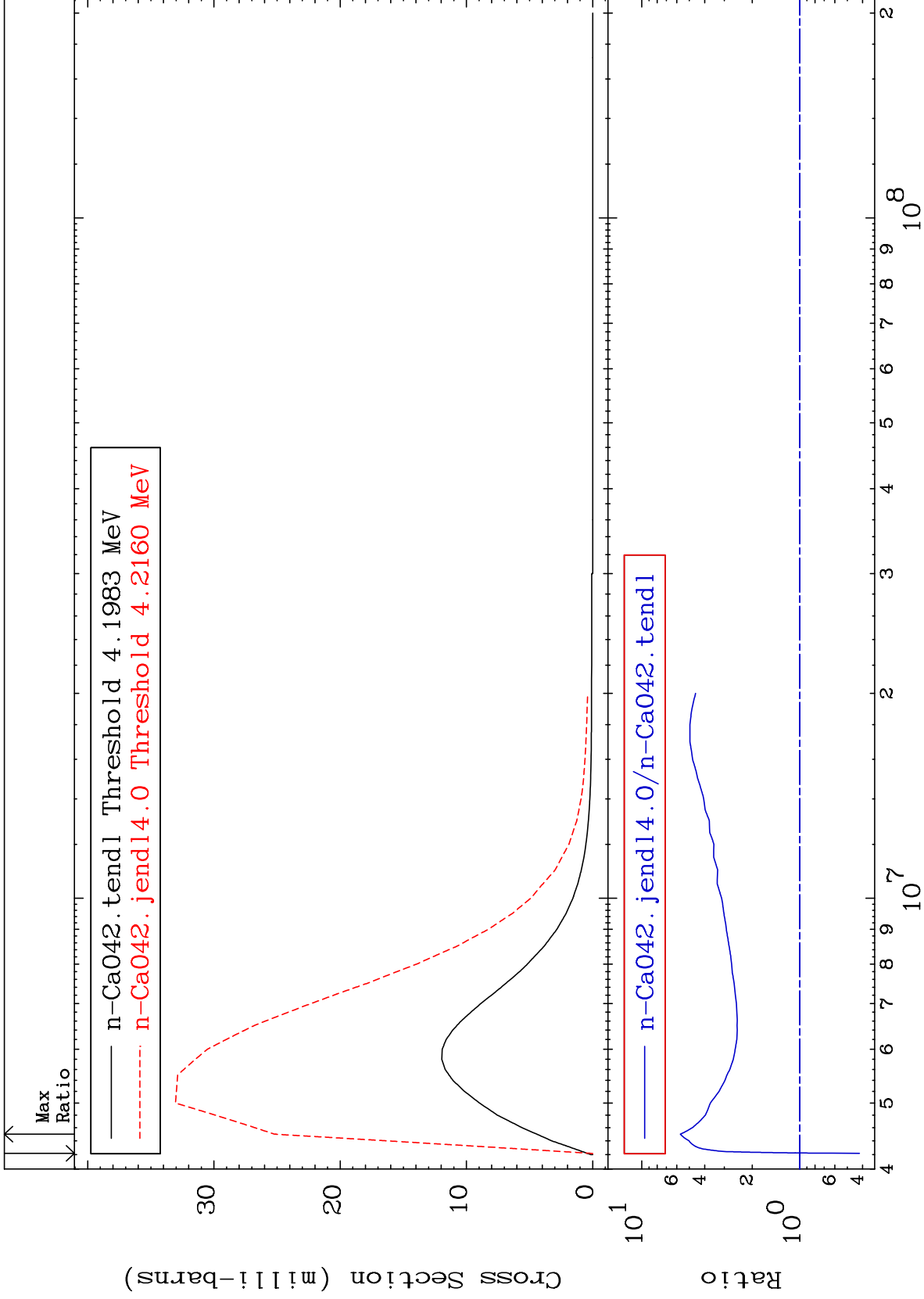
20-Ca-42
-98.79 To 285.7 %



MAT 2031

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

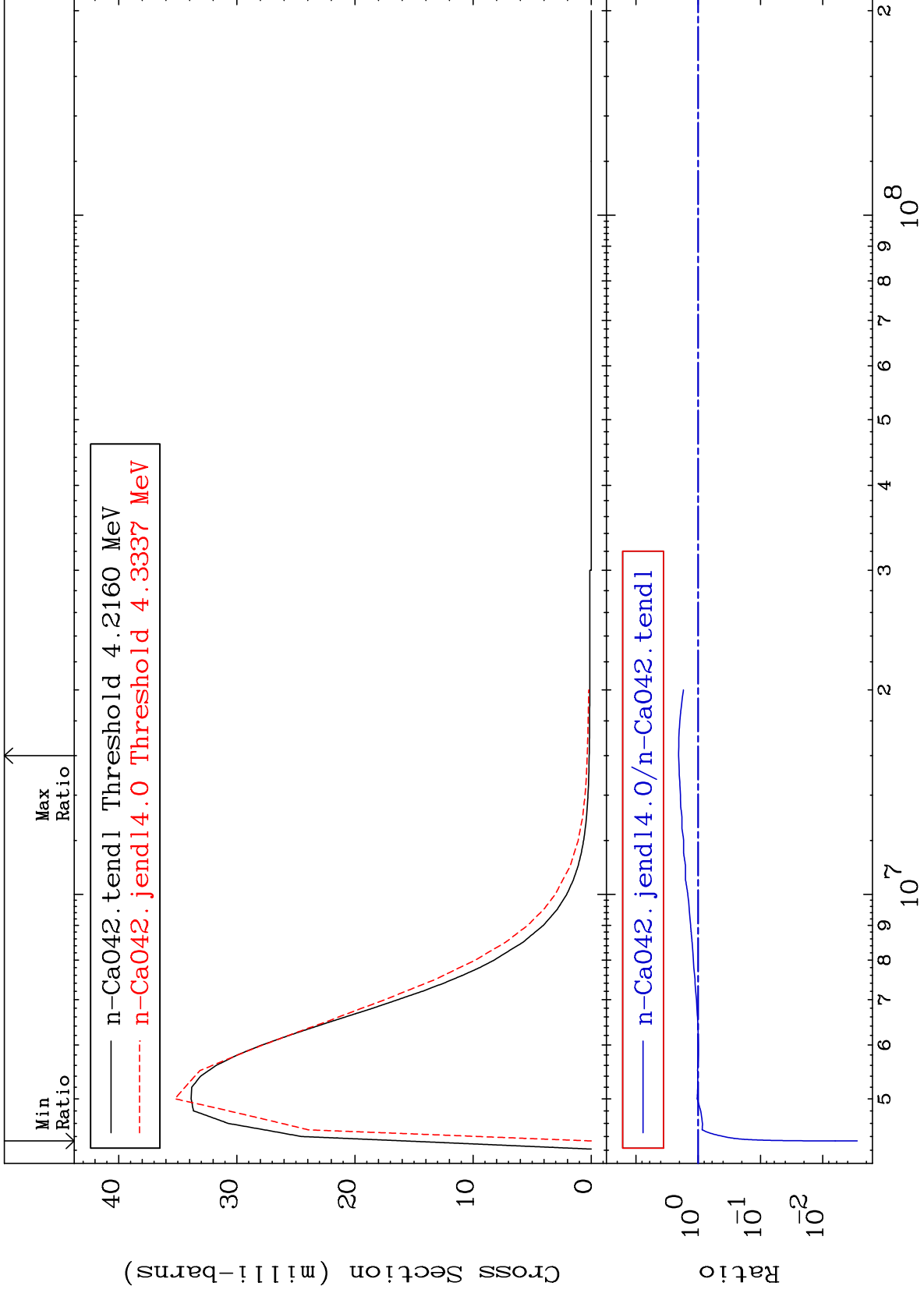
20-Ca-42
-58.13 To 469.8 %



MAT 2031

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

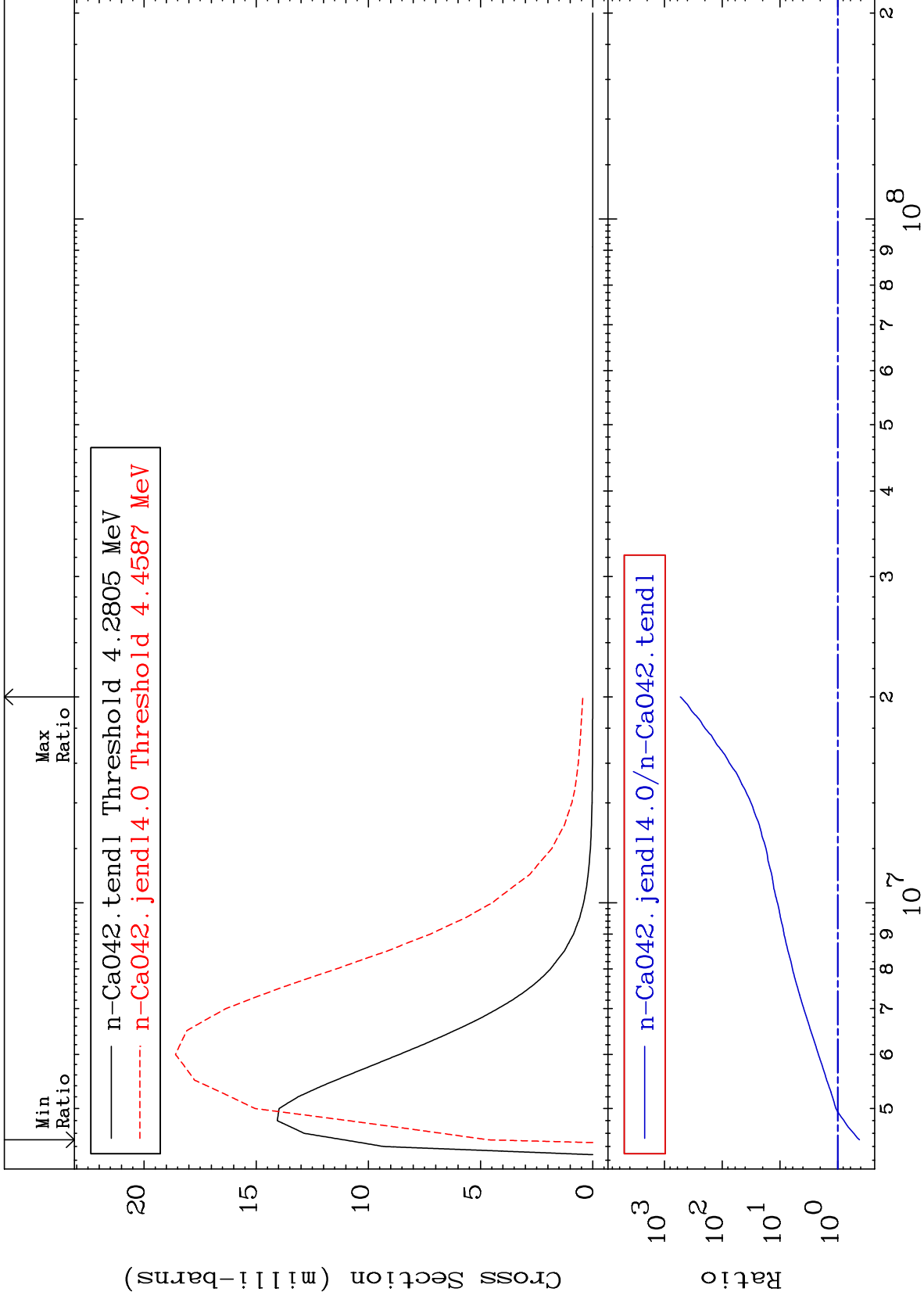
20-Ca-42
-99.72 To 106.3 %



MAT 2031

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

20-Ca-42
-58.05 To 9999. %



24

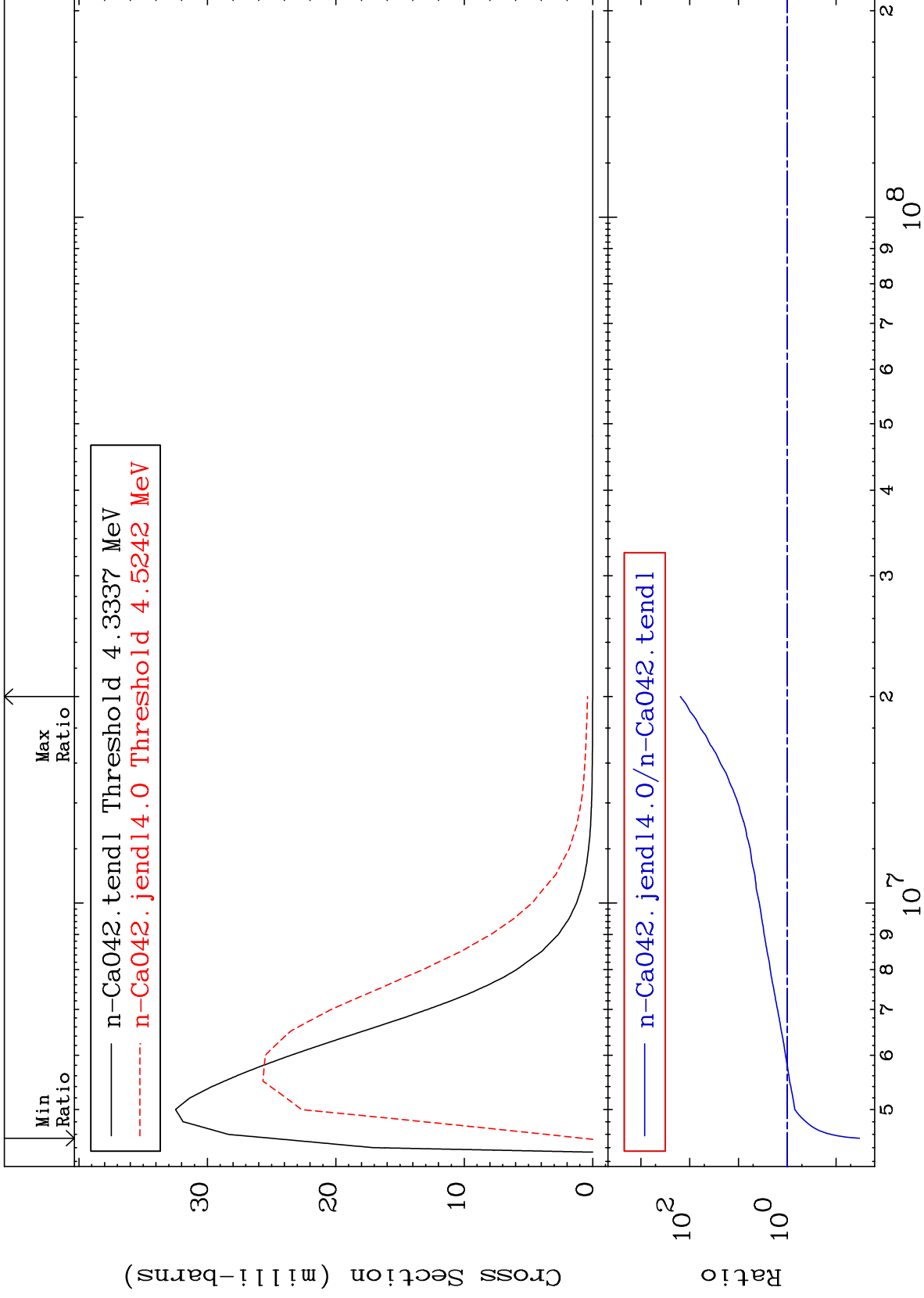
Incident Energy (eV)

20-Ca-42

MAT 2031

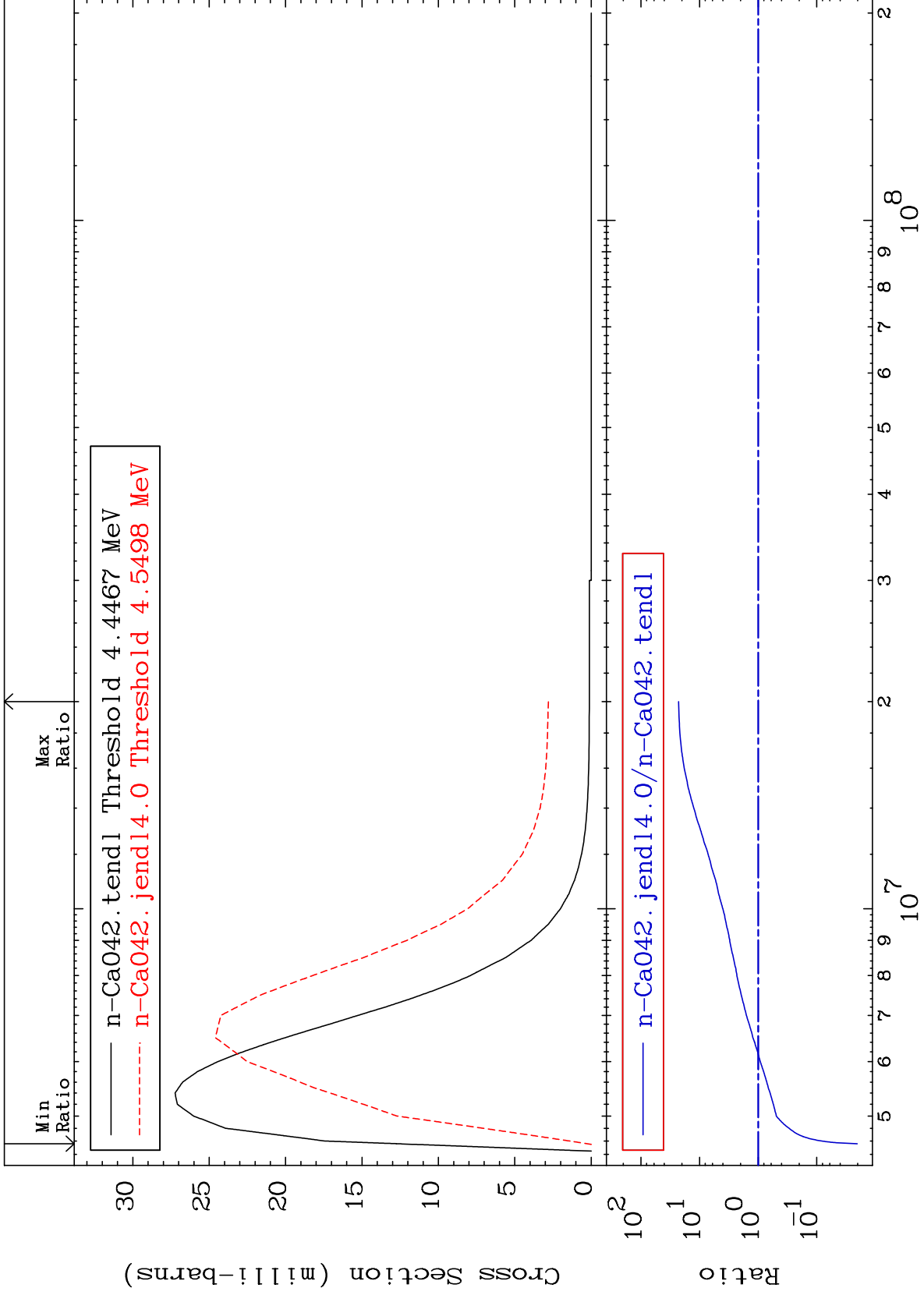
MT= 69 (n,n') Level
Cross Section

20-Ca-42
-96.69 To 9999. %



25

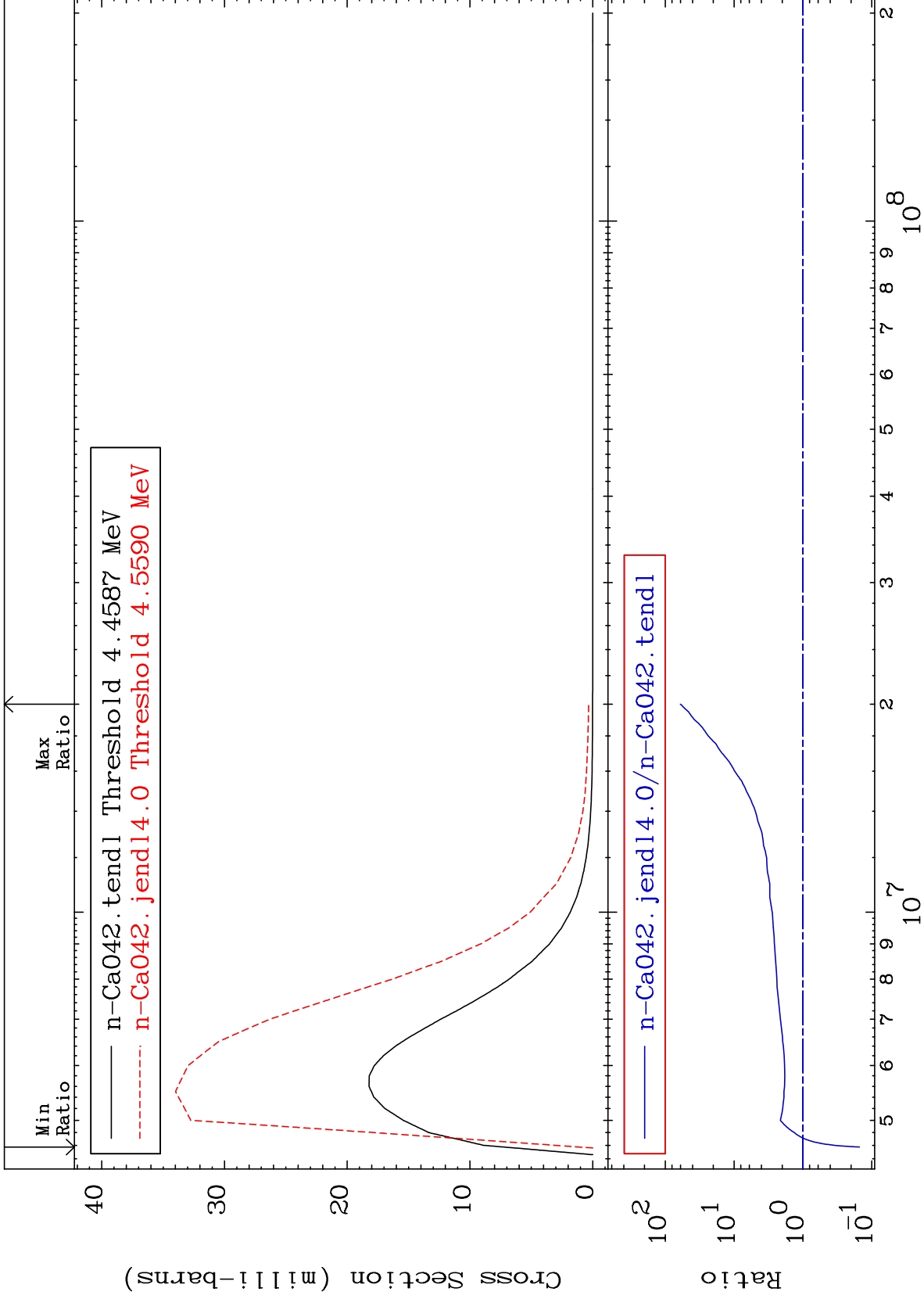
20-Ca-42



MAT 2031

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

20-Ca-42
-84.88 To 5923. %



27

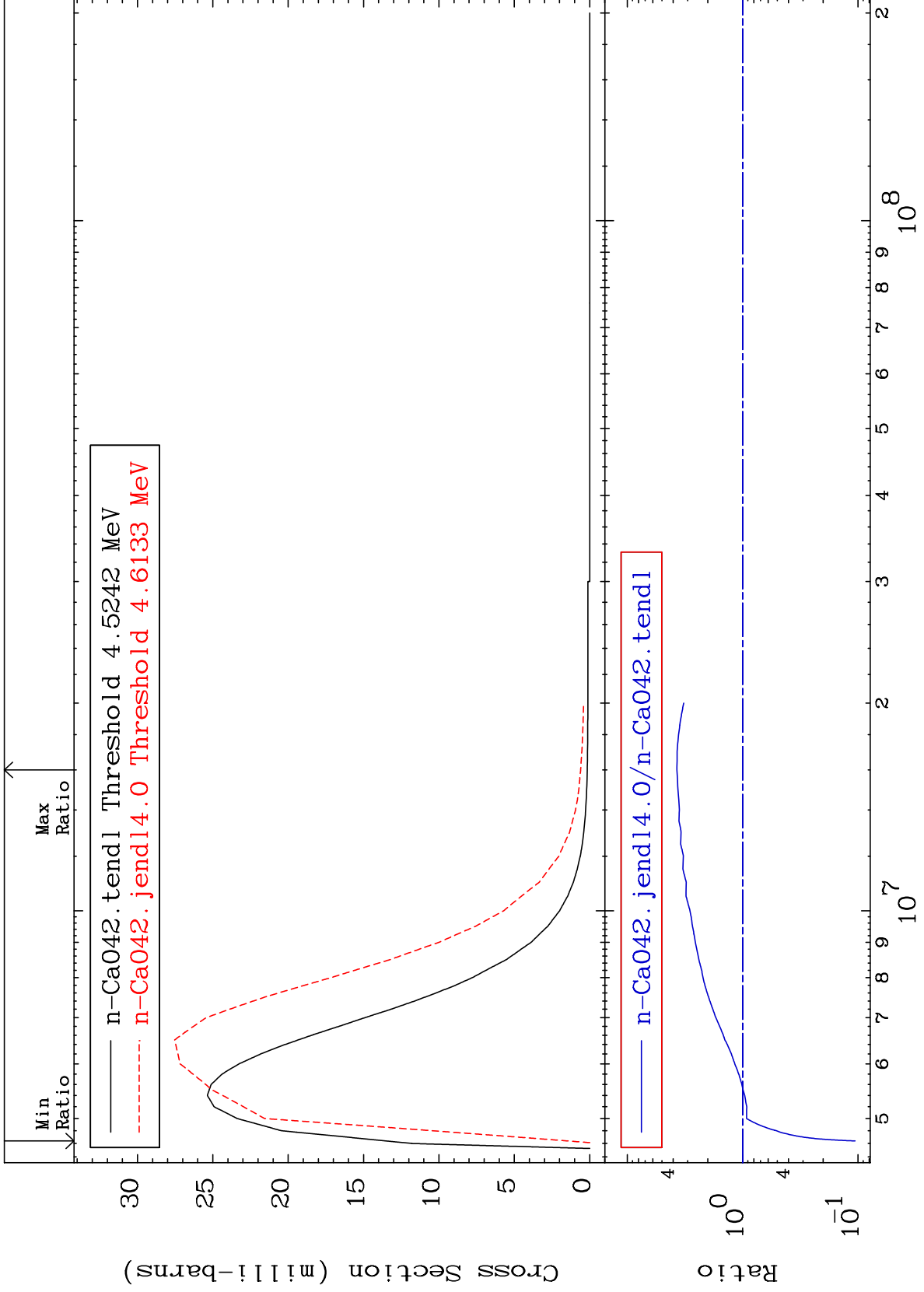
Incident Energy (eV)

20-Ca-42

MAT 2031

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

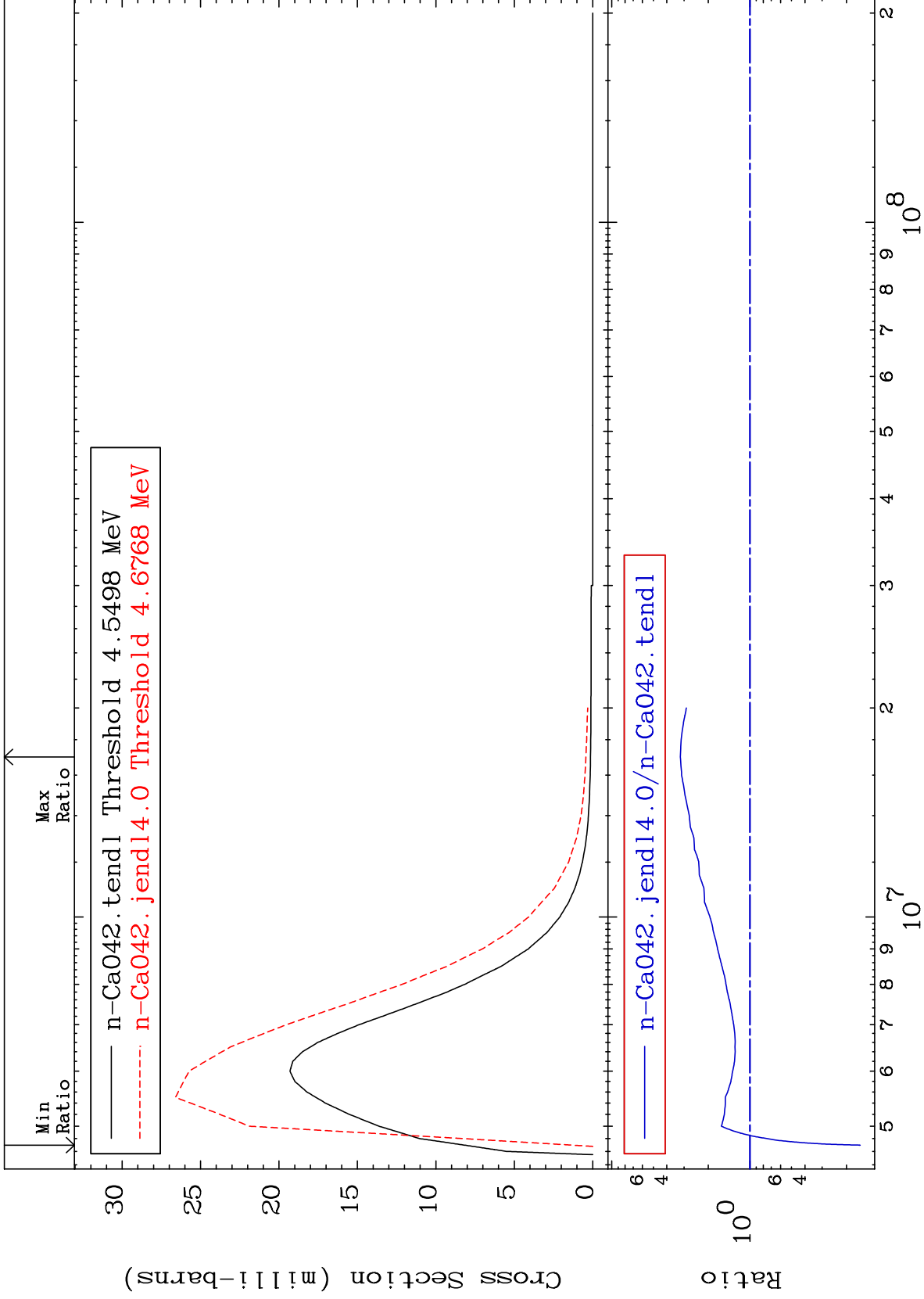
20-Ca-42
-89.41 To 271.1 %



MAT 2031

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

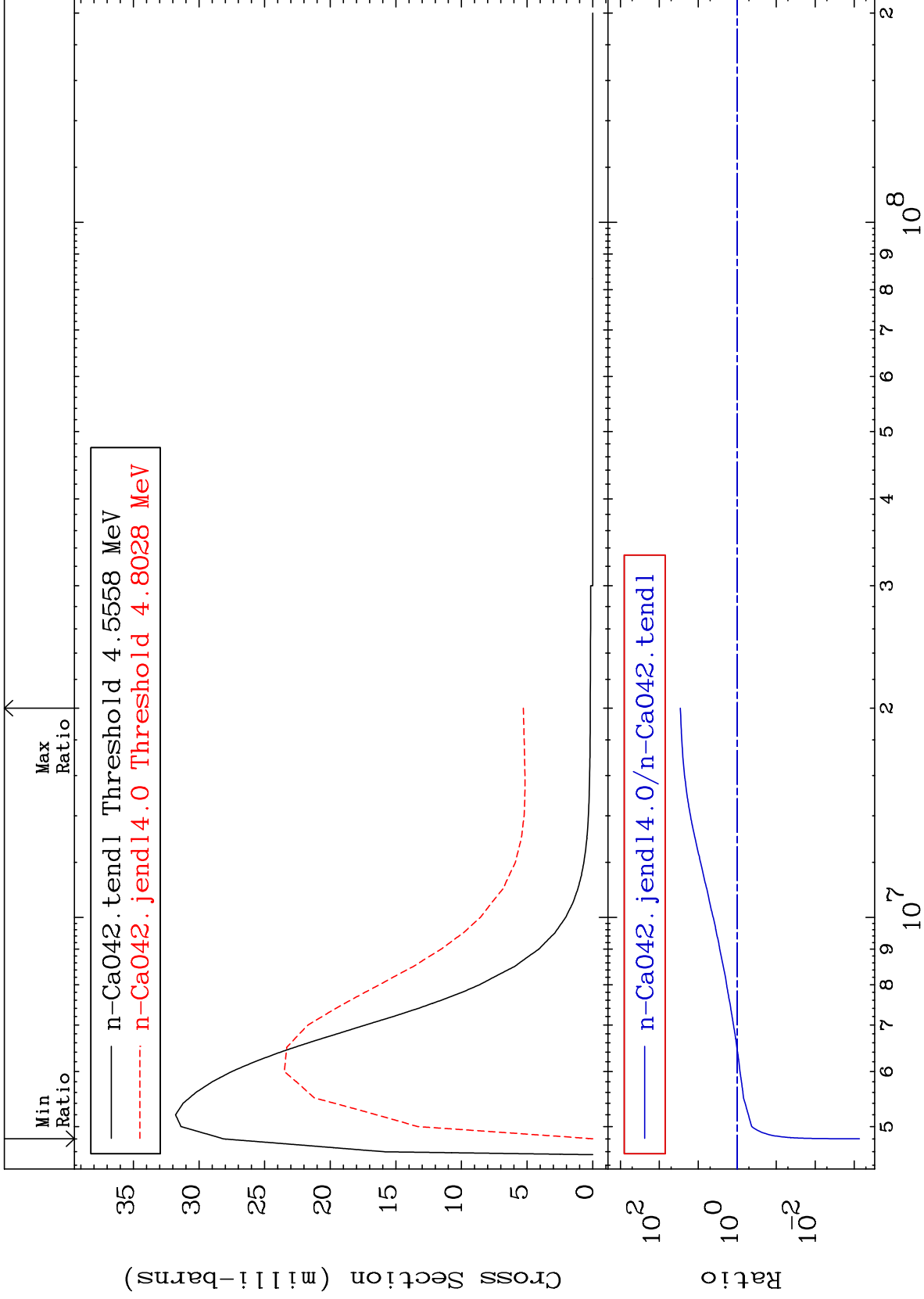
20-Ca-42
-83.88 To 218.8 %



MAT 2031

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

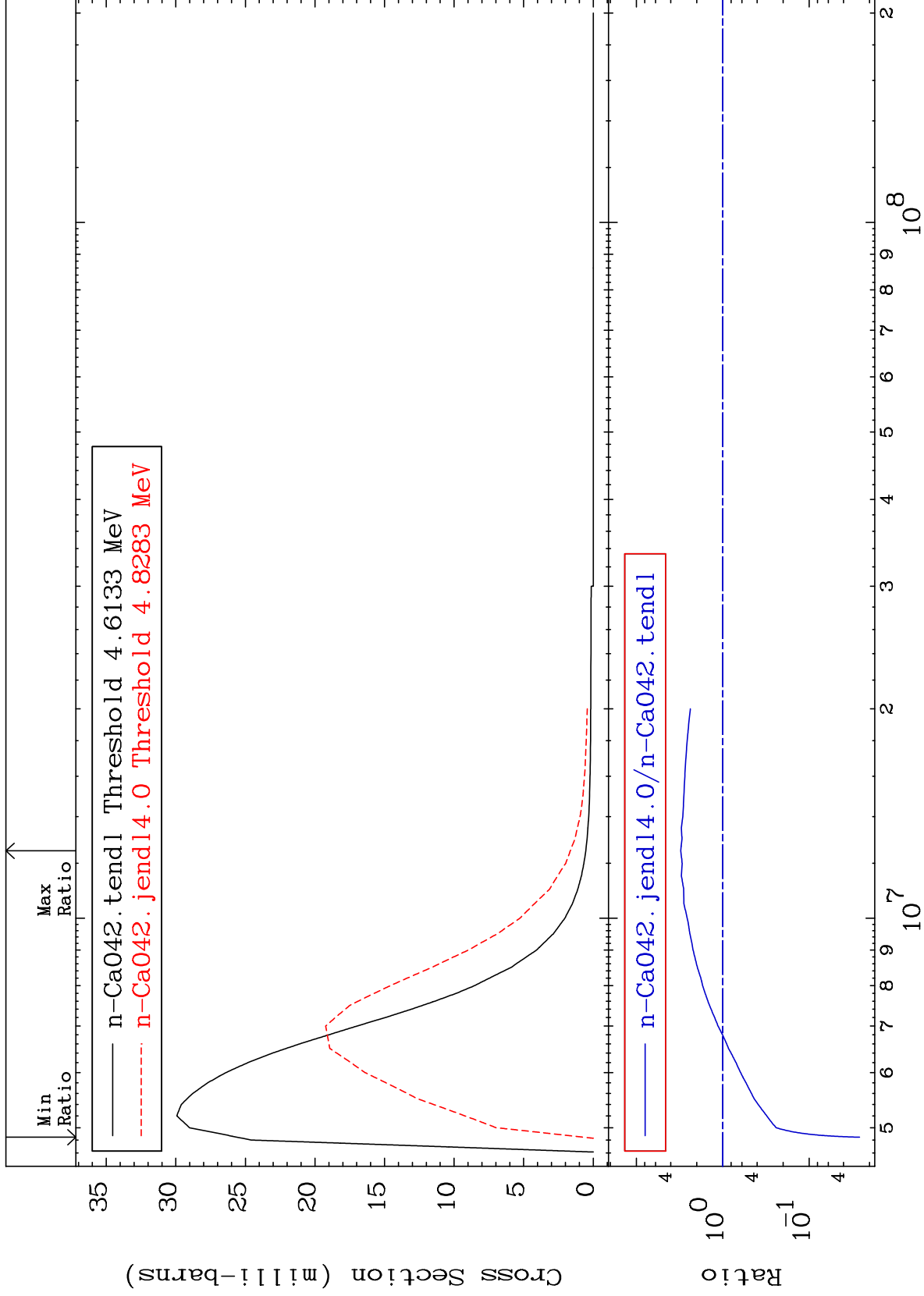
20-Ca-42
-99.93 To 2789. %



30

Incident Energy (eV)

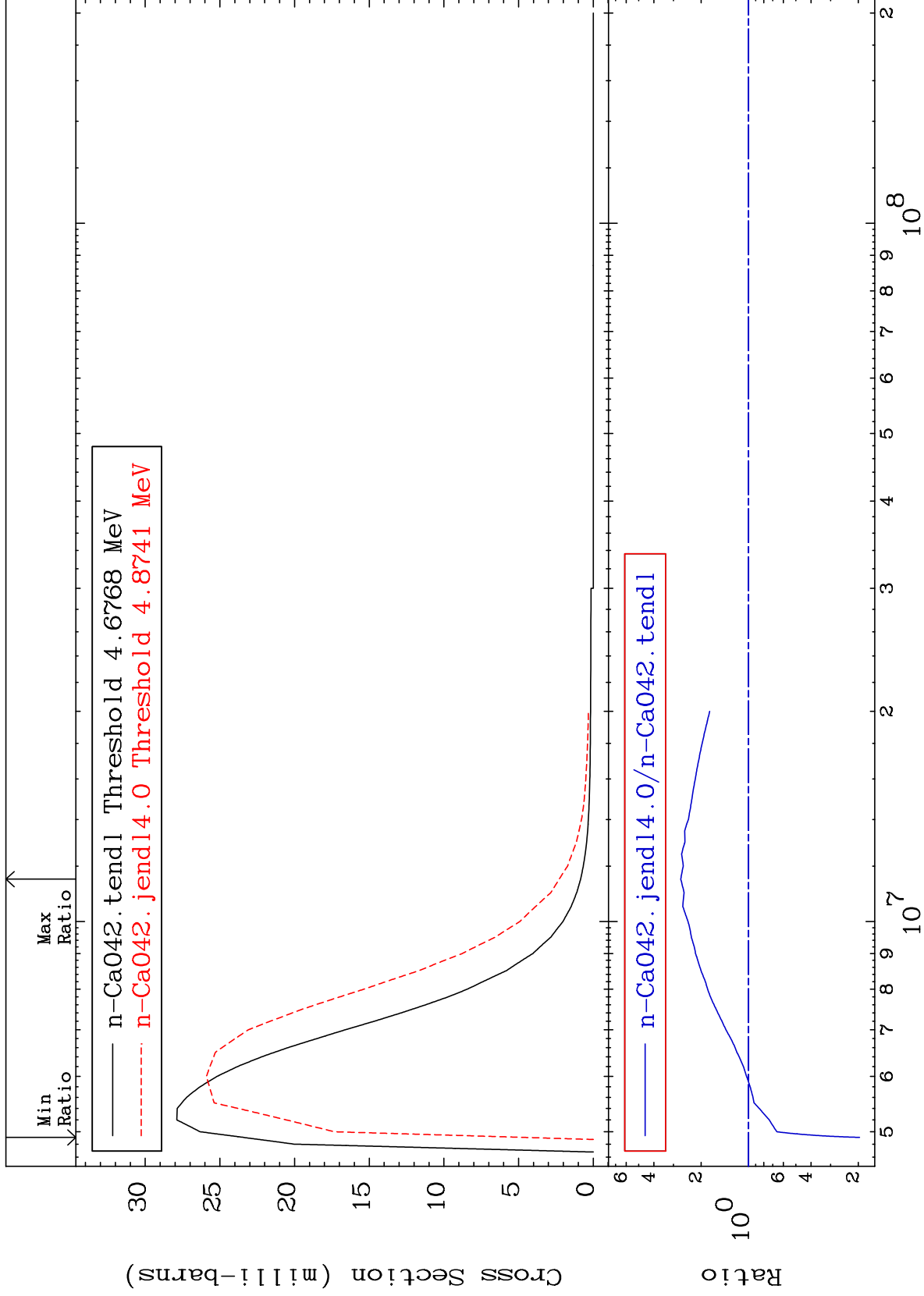
20-Ca-42



MAT 2031

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

20-Ca-42
-80.35 To 169.7 %



32

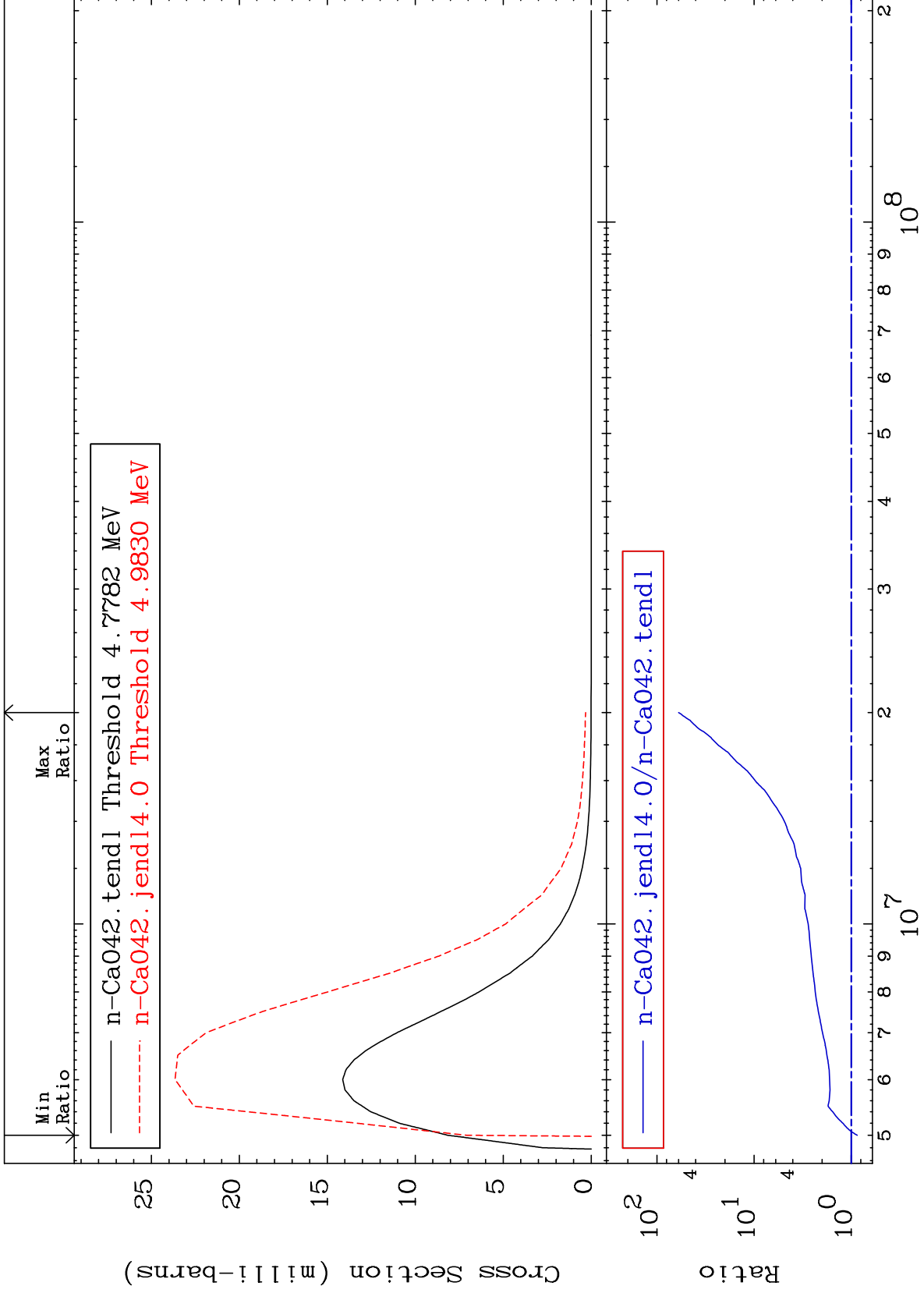
Incident Energy (eV)

20-Ca-42

MAT 2031

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

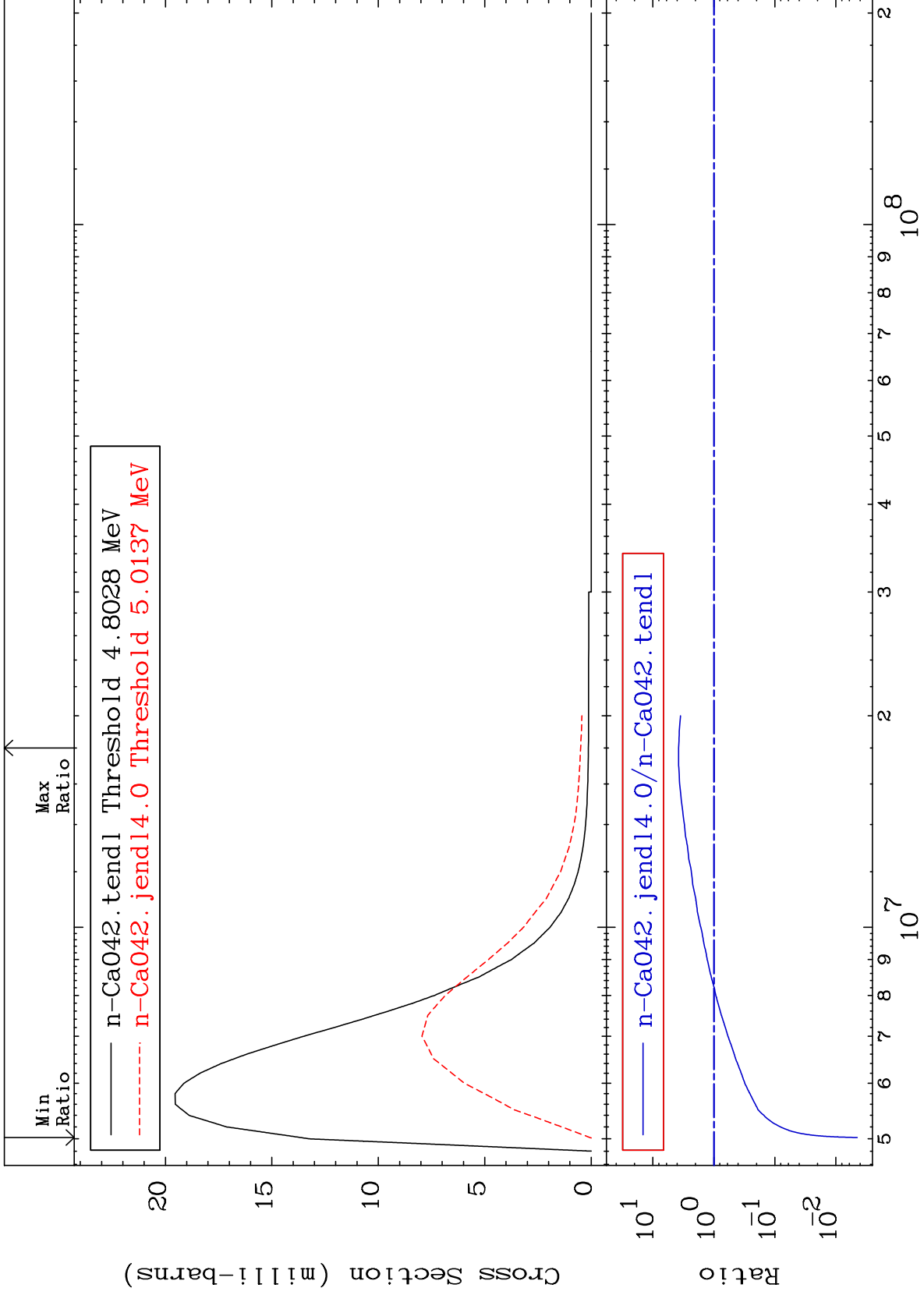
20-Ca-42
-13.14 To 5896. %



MAT 2031

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

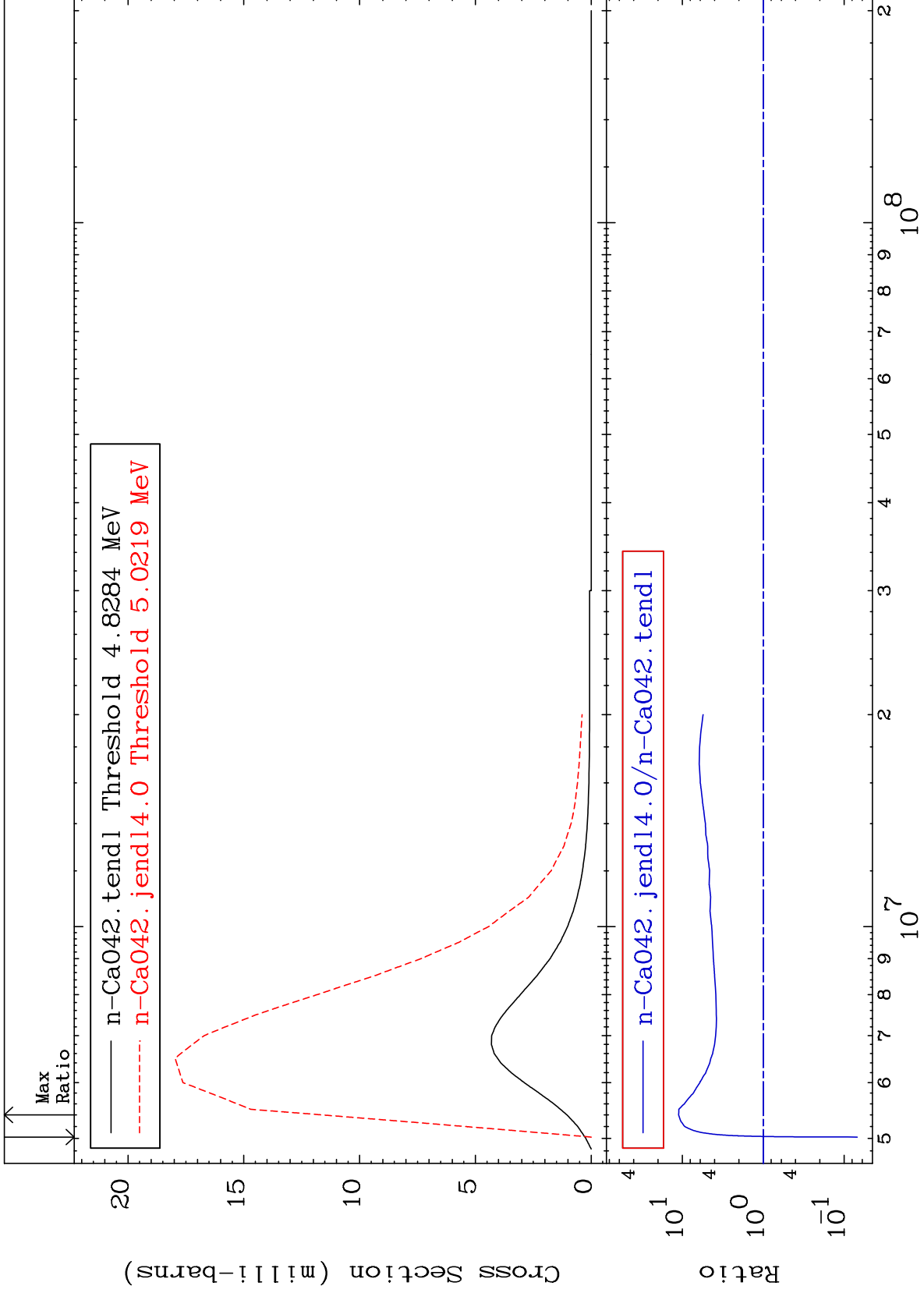
20-Ca-42
-99.55 To 278.5 %



MAT 2031

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

20-Ca-42
-93.09 To 1012. %



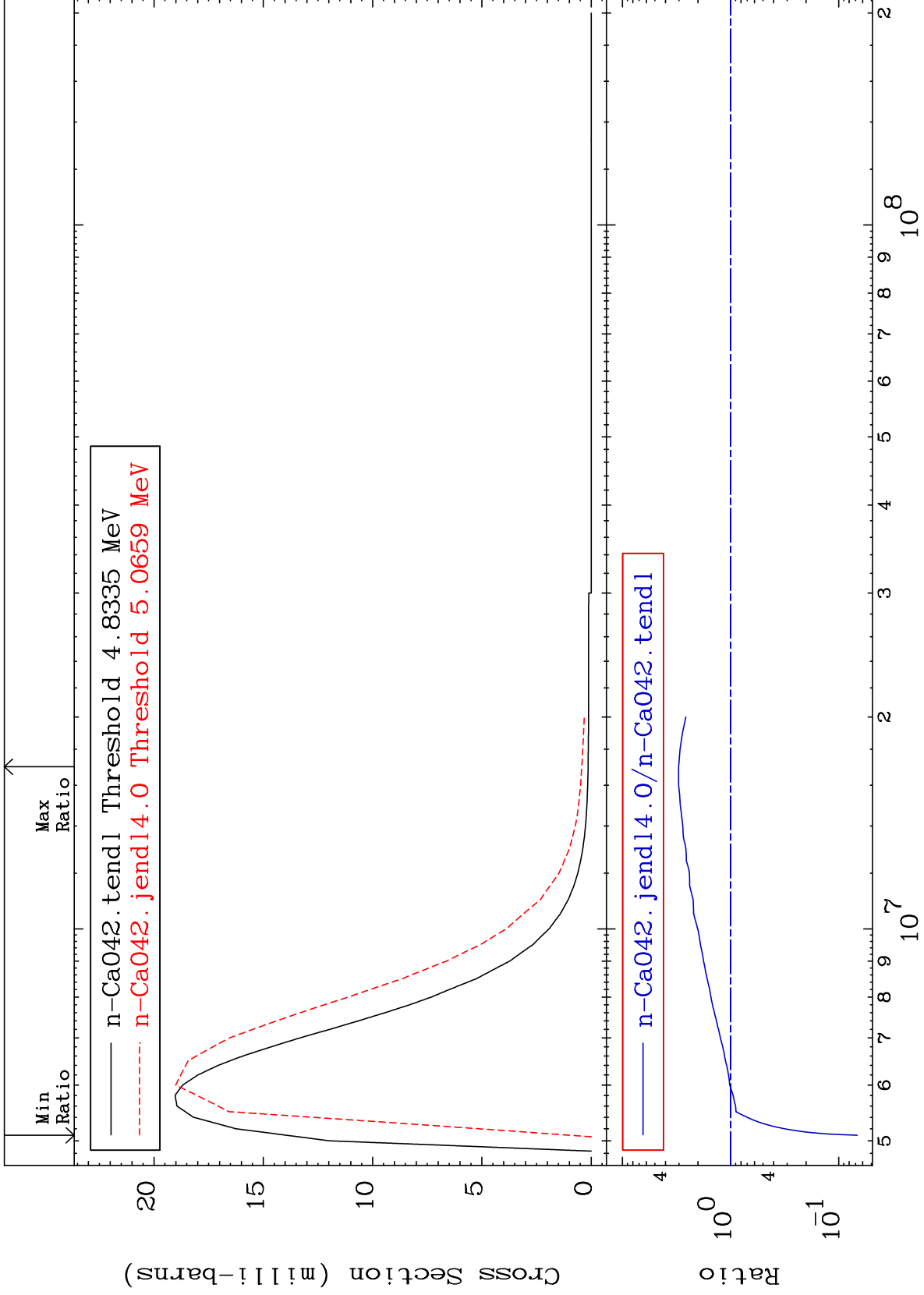
35

20-Ca-42

MAT 2031

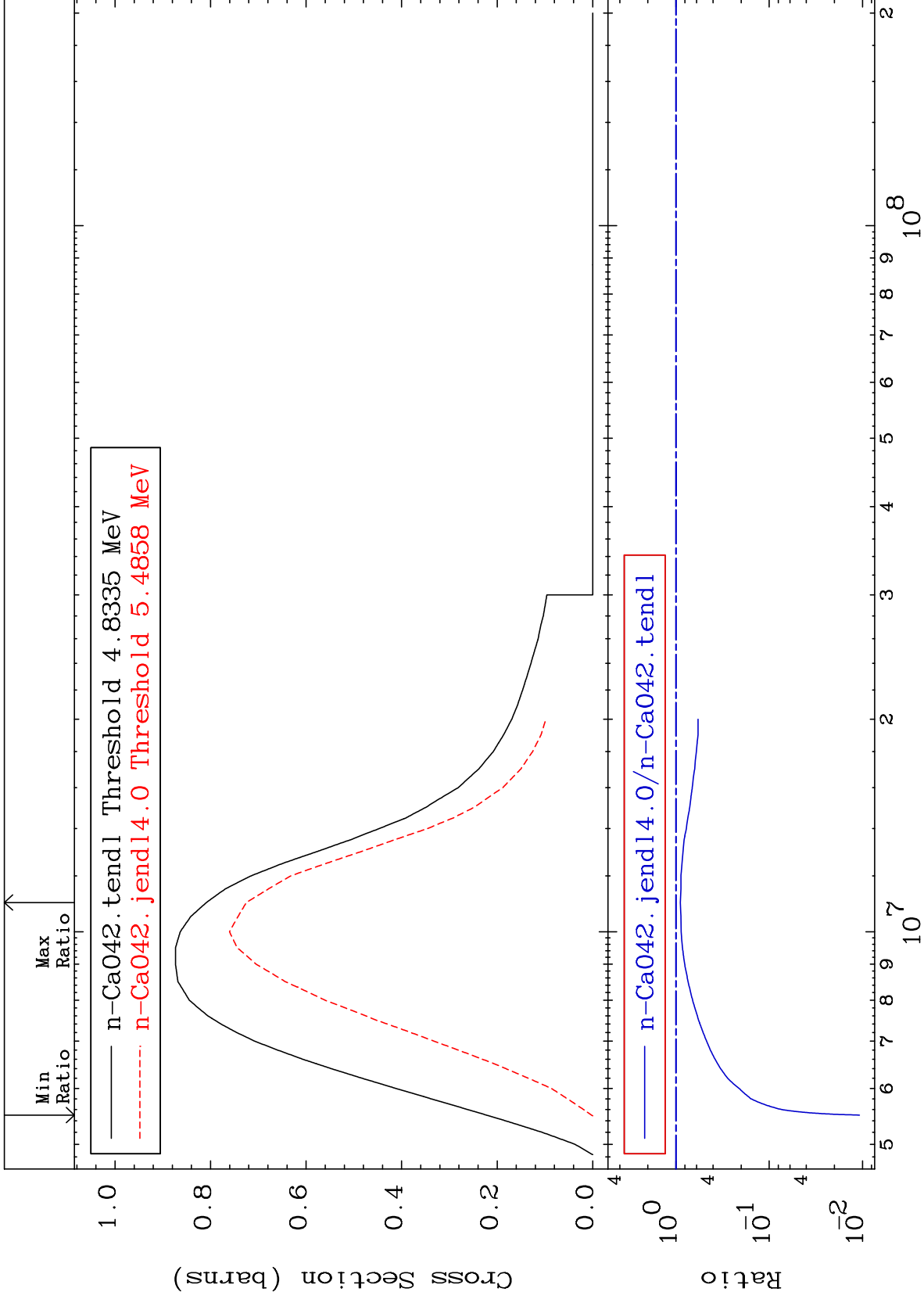
MT= 80 (n,n') Level
Cross Section

20-Ca-42
-93.26 To 202.0 %



36

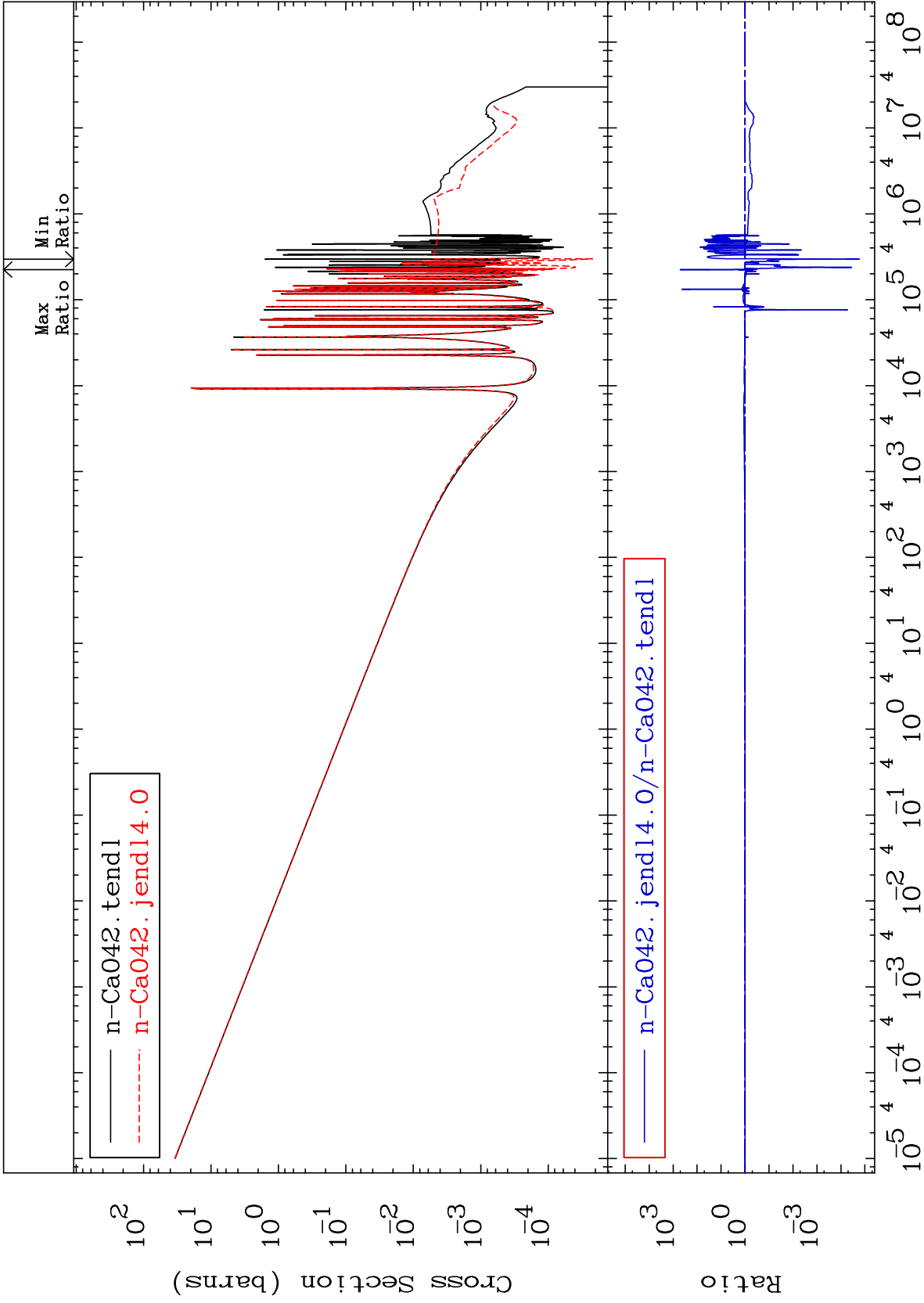
20-Ca-42



MAT 2031

(n, γ)
Cross Section

20-Ca-42
-100.0 To 9999. %



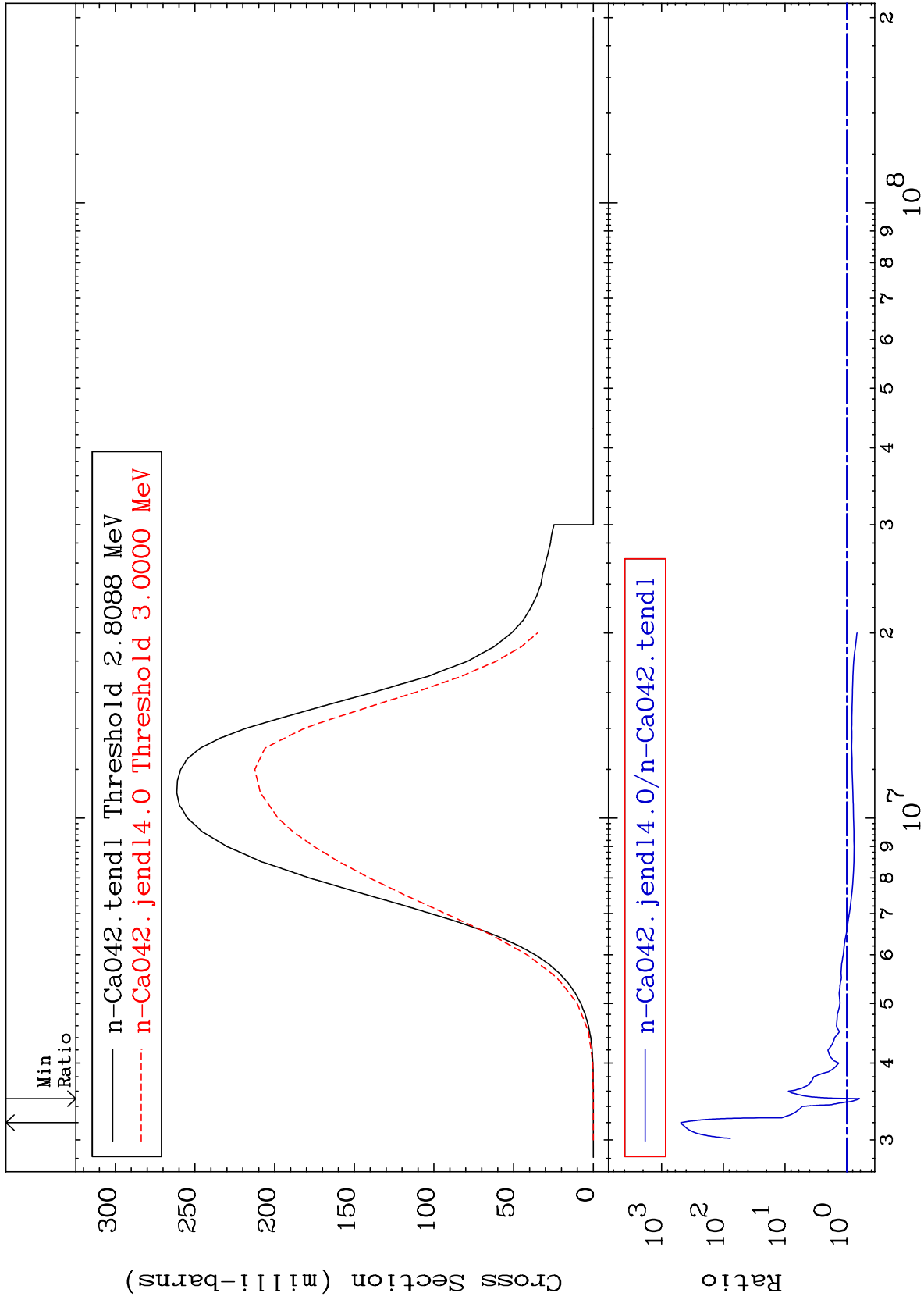
MAT 2031

(n,p)

20-Ca-42

Cross Section

-37.88 To 9999. %



39

20-Ca-42

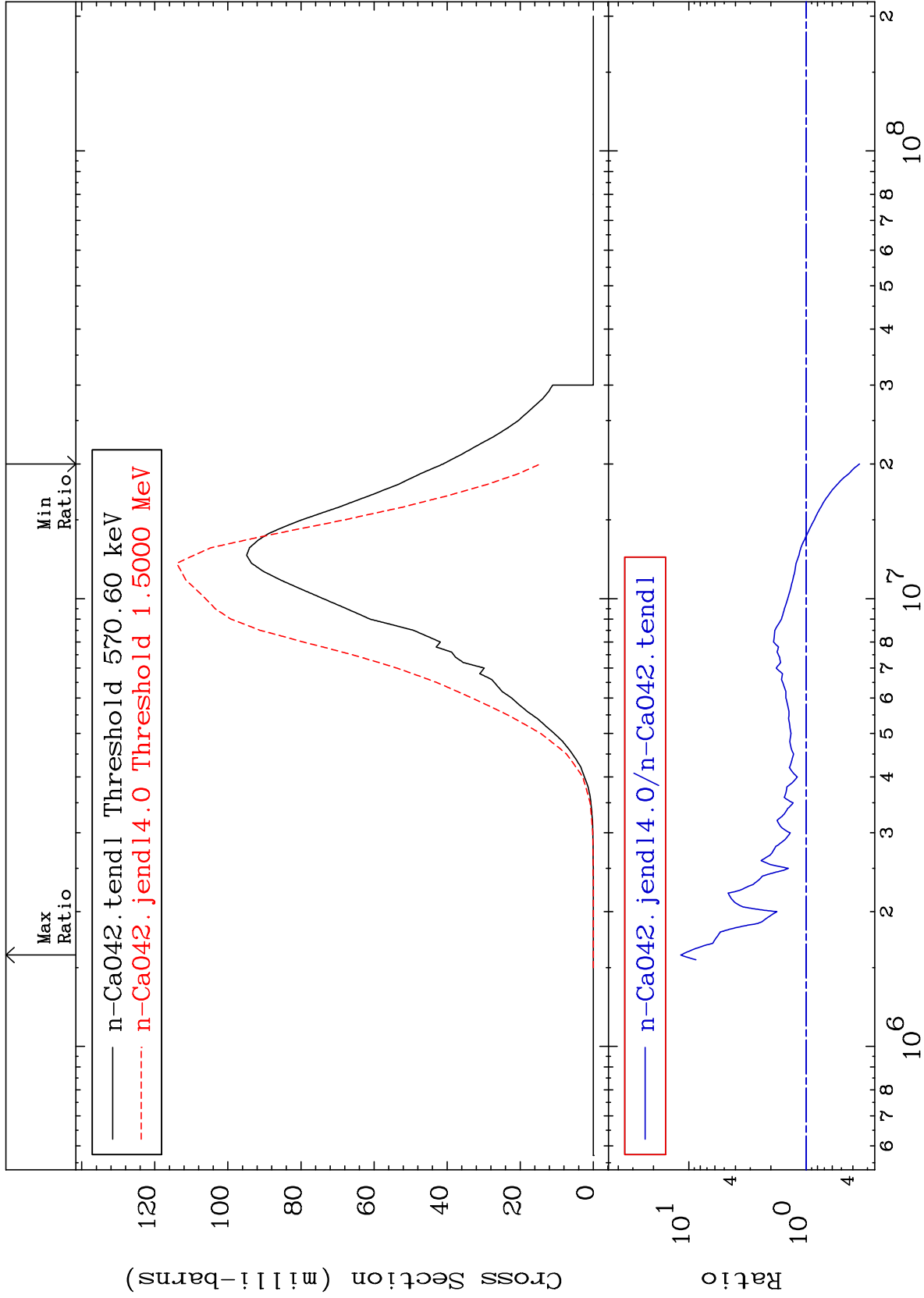
MAT 2031

(n, α)

20-Ca-42

Cross Section

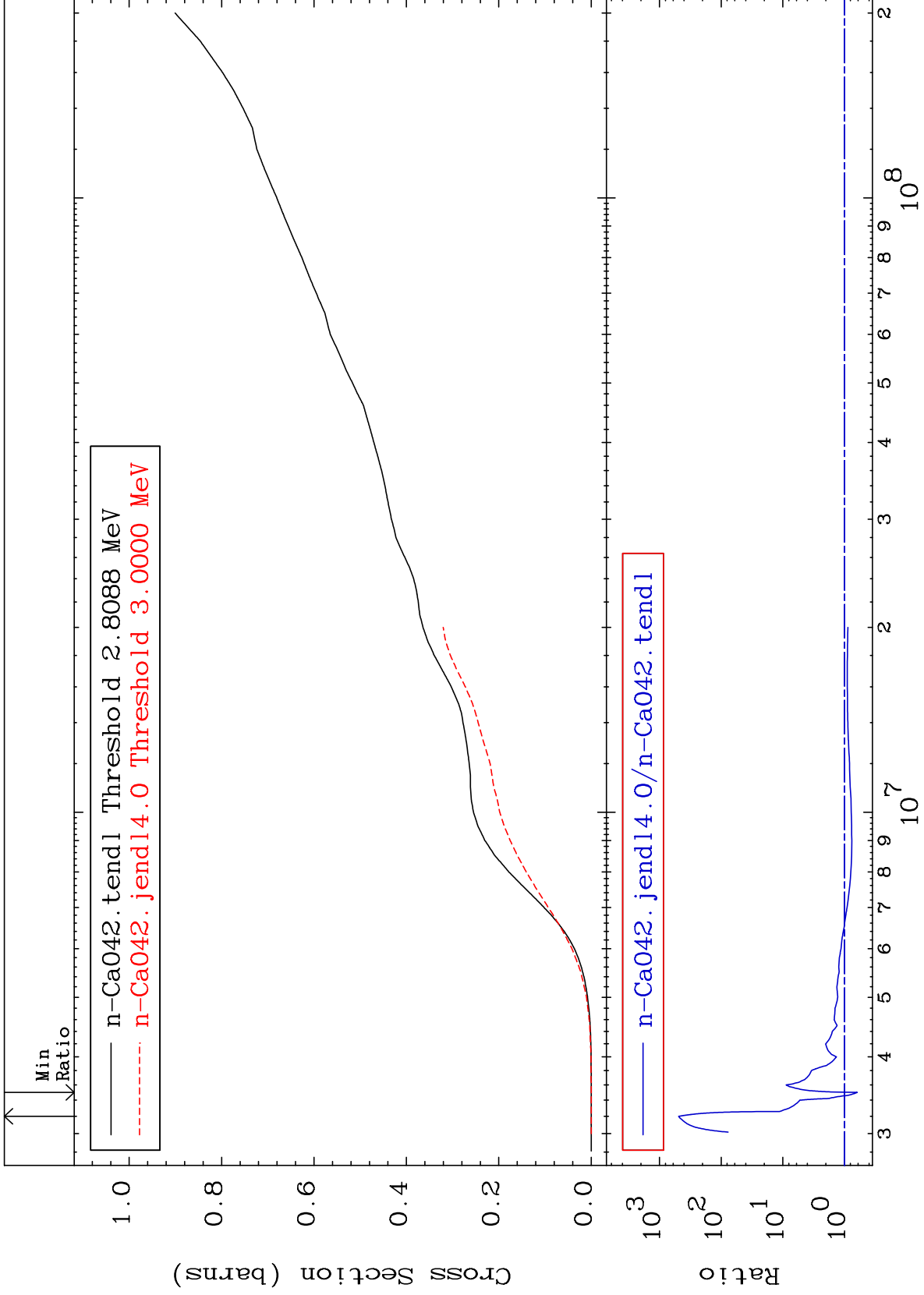
-64.90 To 1072. %



40

Incident Energy (eV)

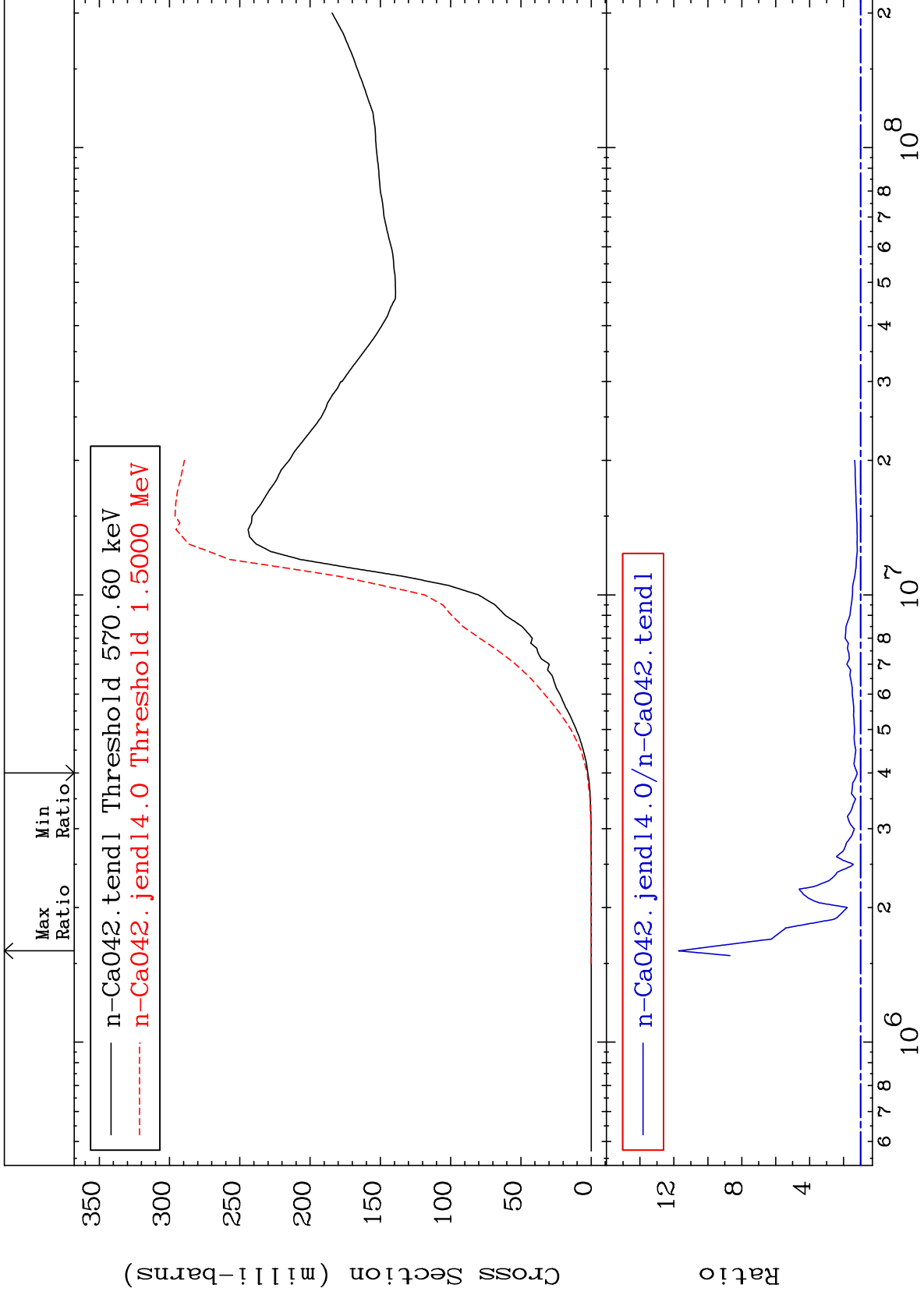
20-Ca-42



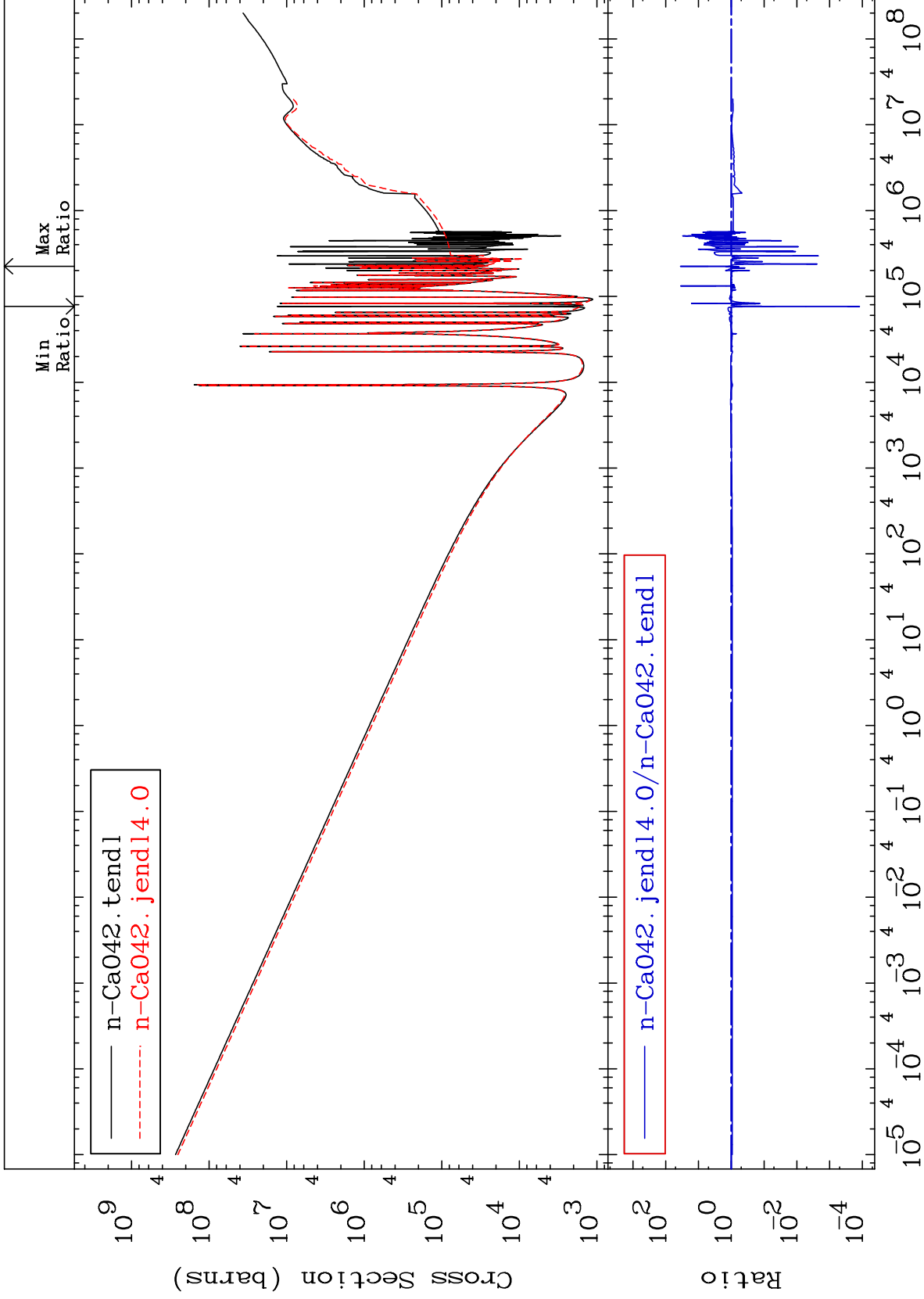
MAT 2031

He-4 Production
Cross Section

19.24 To 1072. %
20-Ca-42



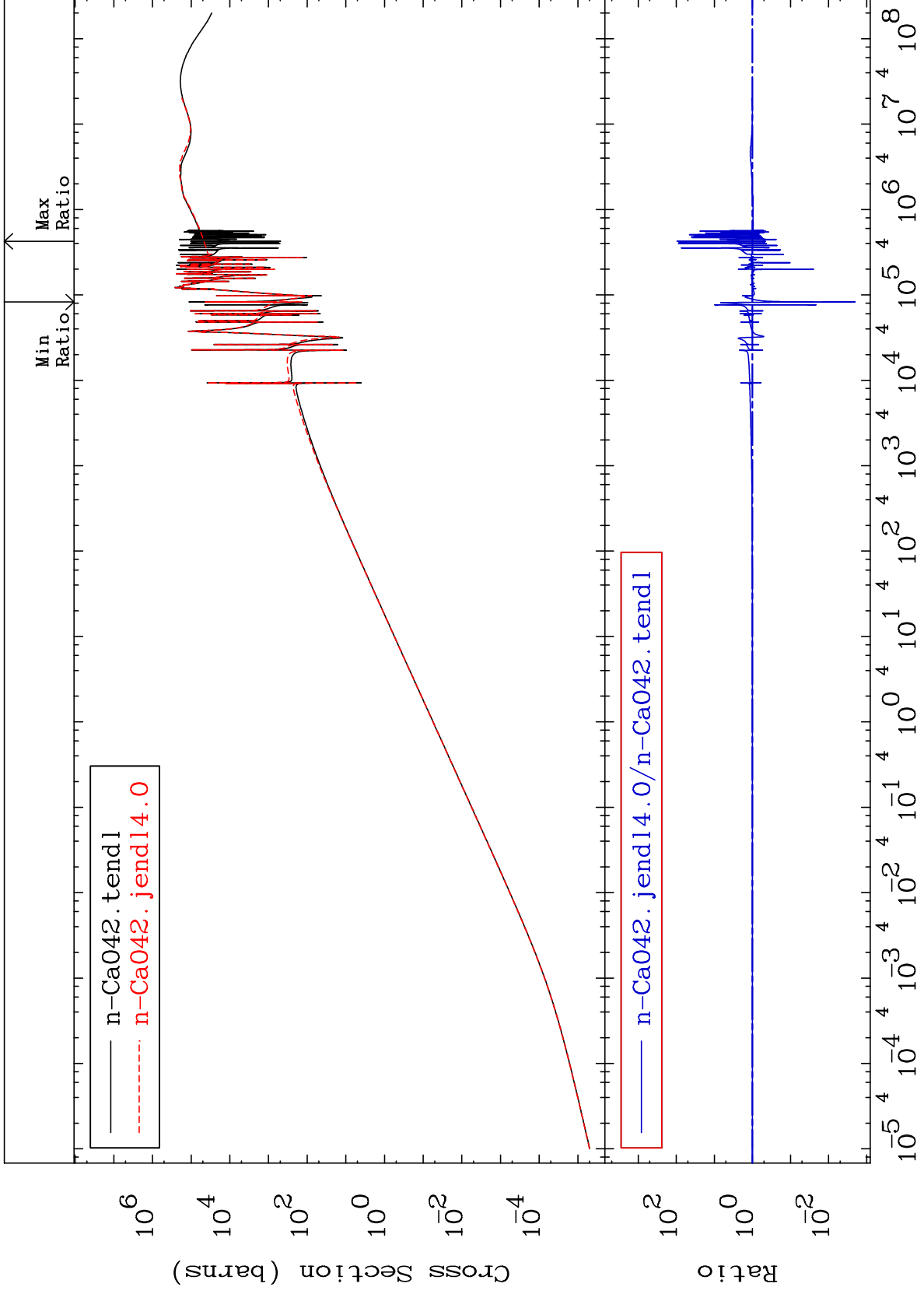
42

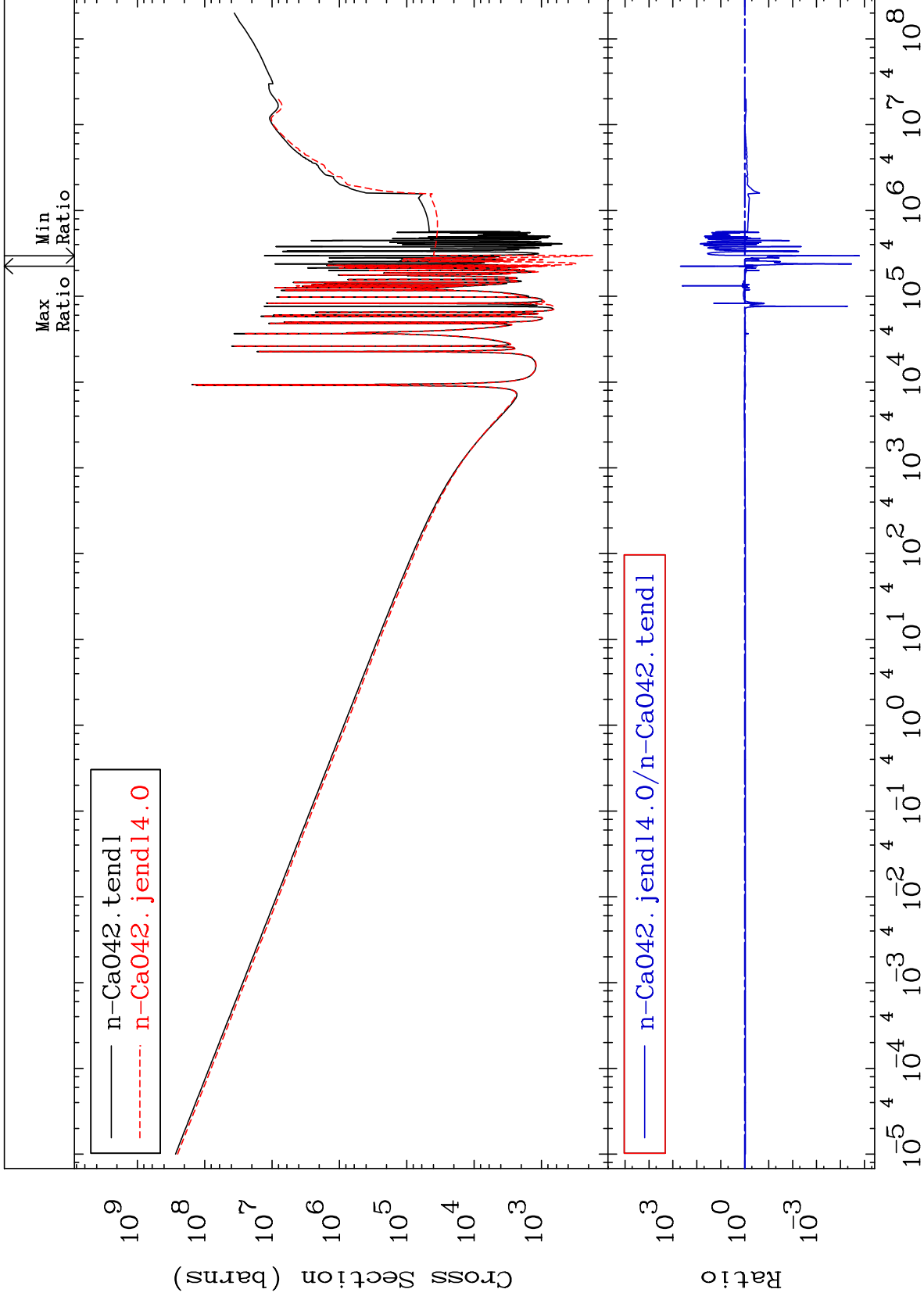


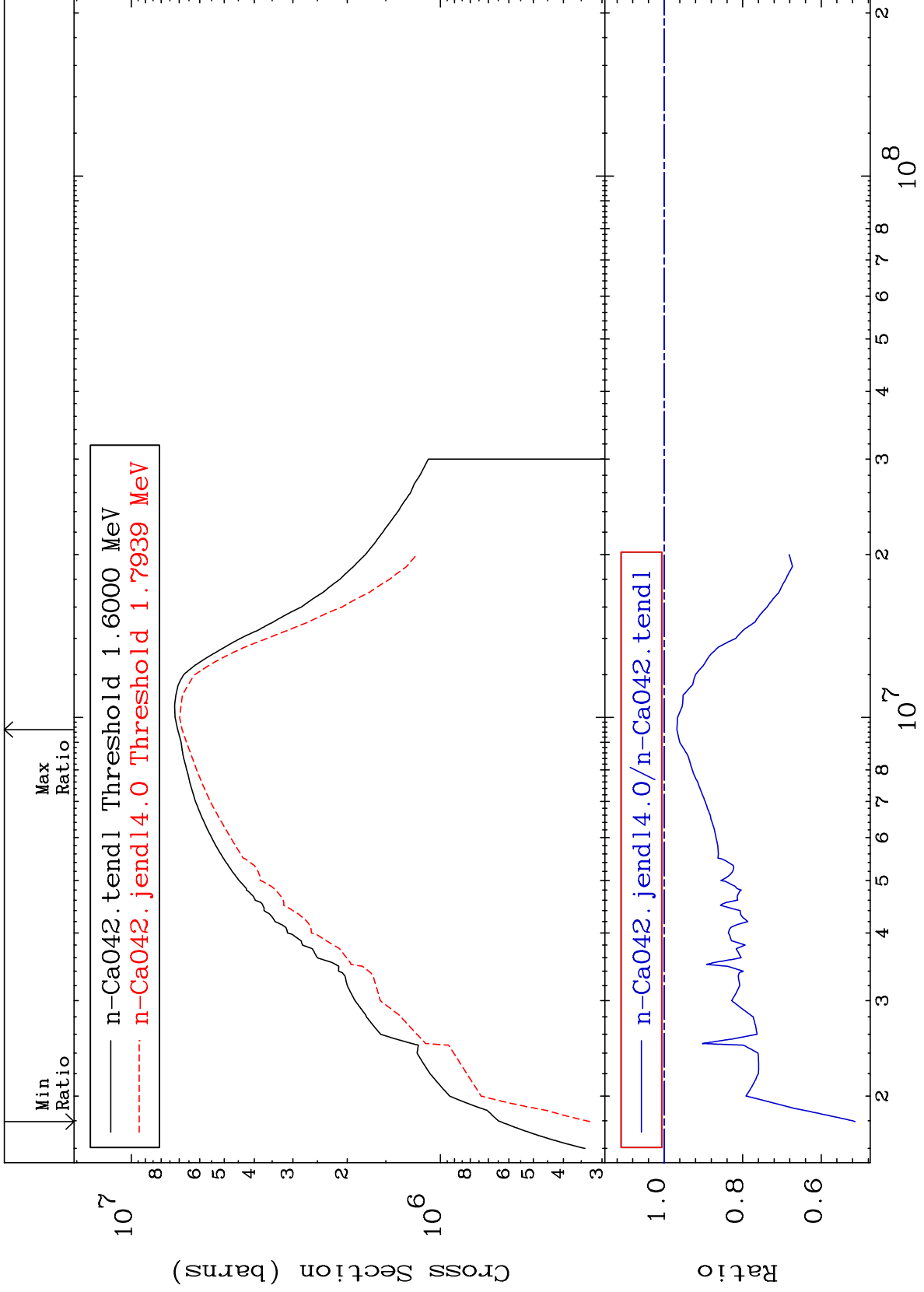
MAT 2031

Kerma elastic
Cross Section

20-Ca-42
-99.80 To 9542. %



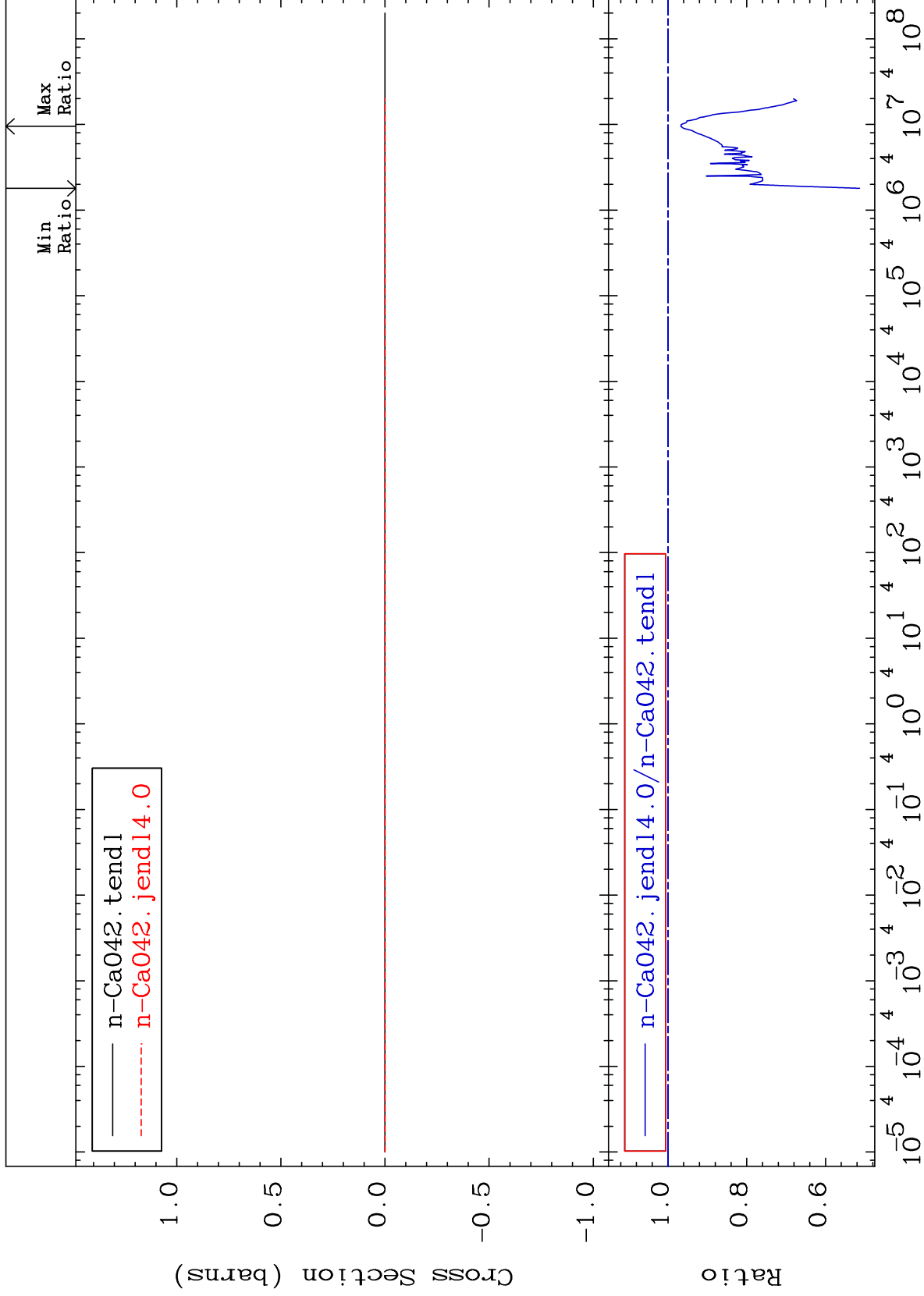




MAT 2031

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

20-Ca-42
-48.64 To -3.245%



47

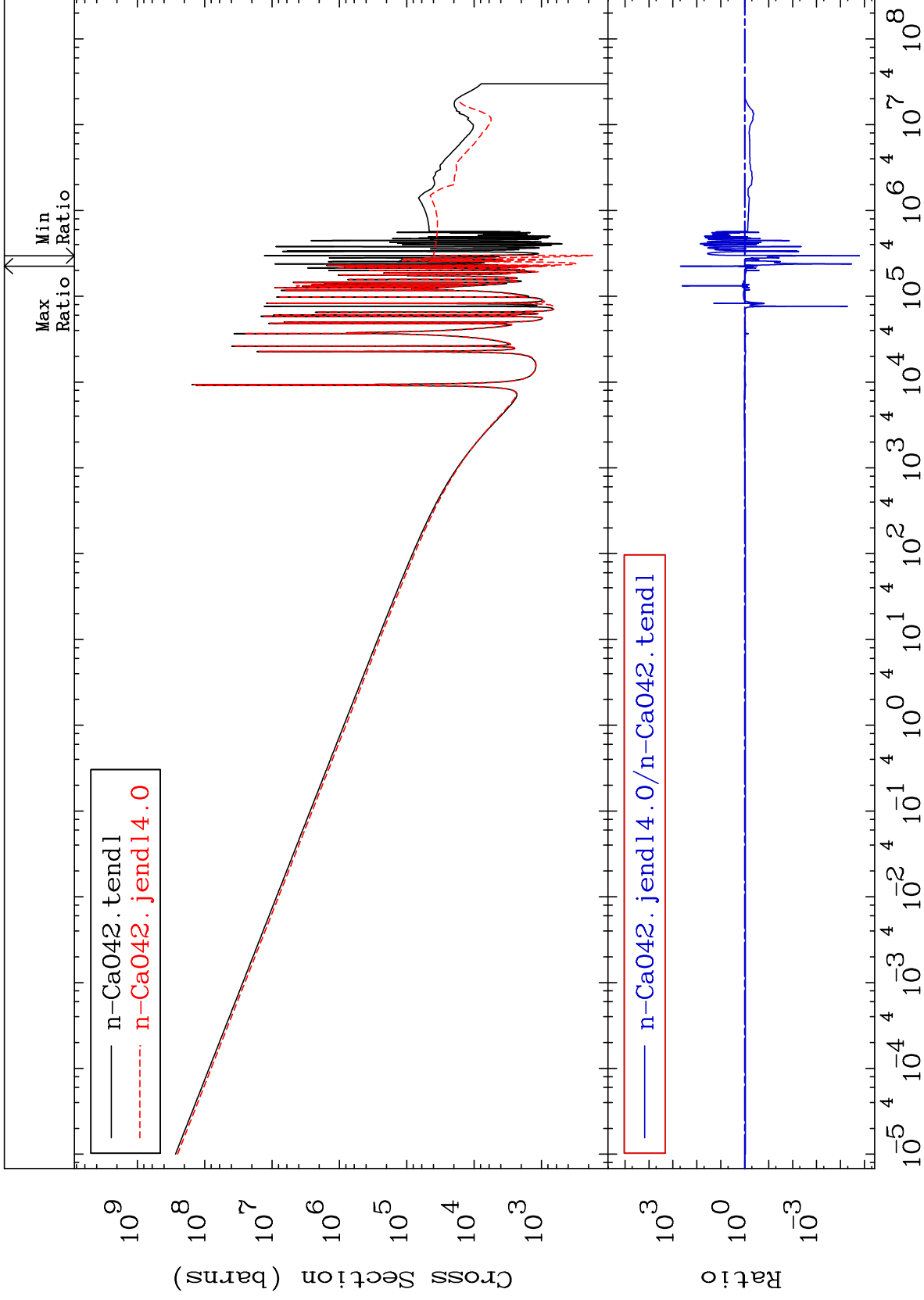
Incident Energy (eV)

20-Ca-42

MAT 2031

Kerma capture (mt102)
Cross Section

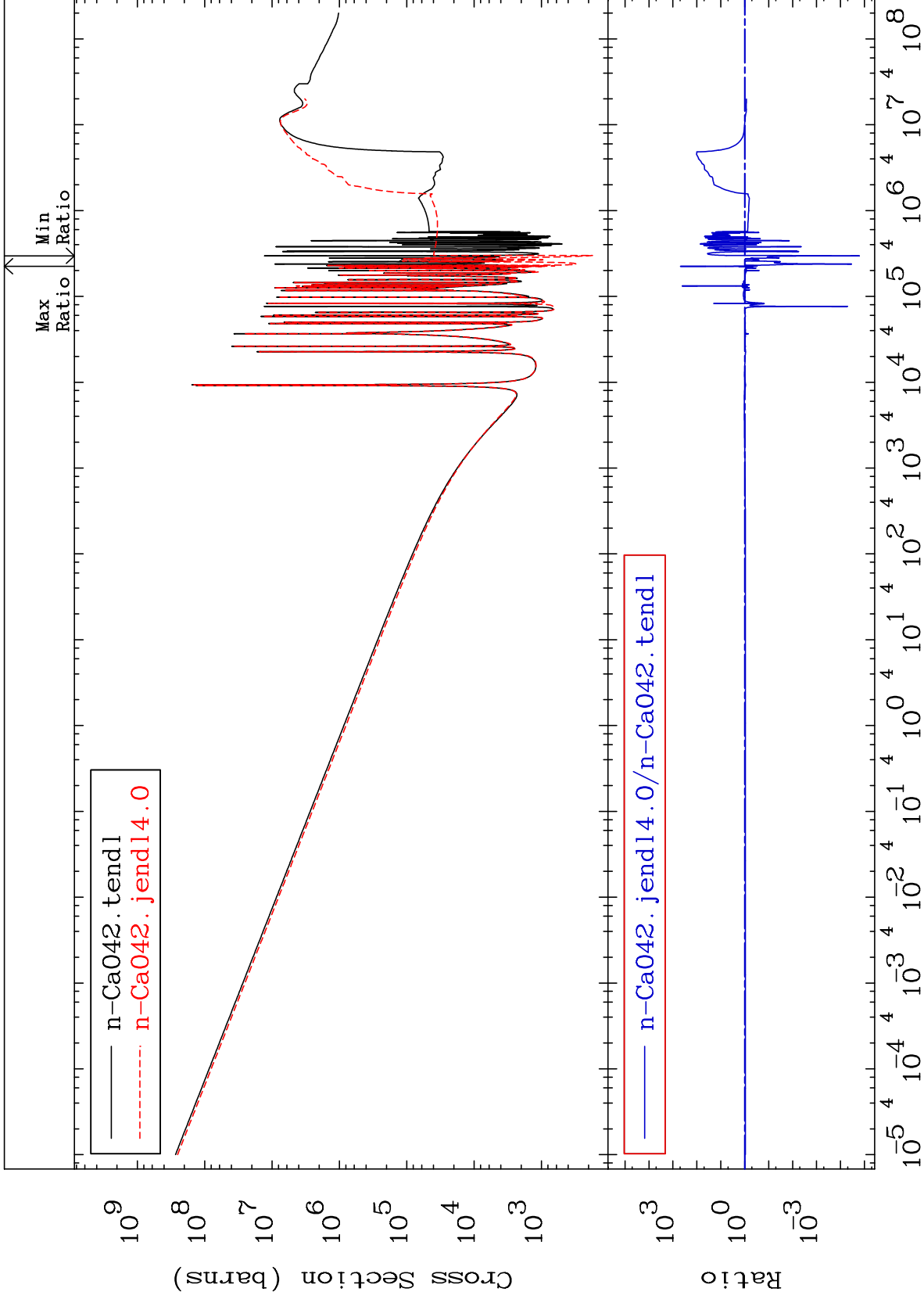
20-Ca-42
-100.0 To 9999. %



MAT 2031

Total photon (eV-barns)
Cross Section

20-Ca-42
-100.0 To 9999. %



49

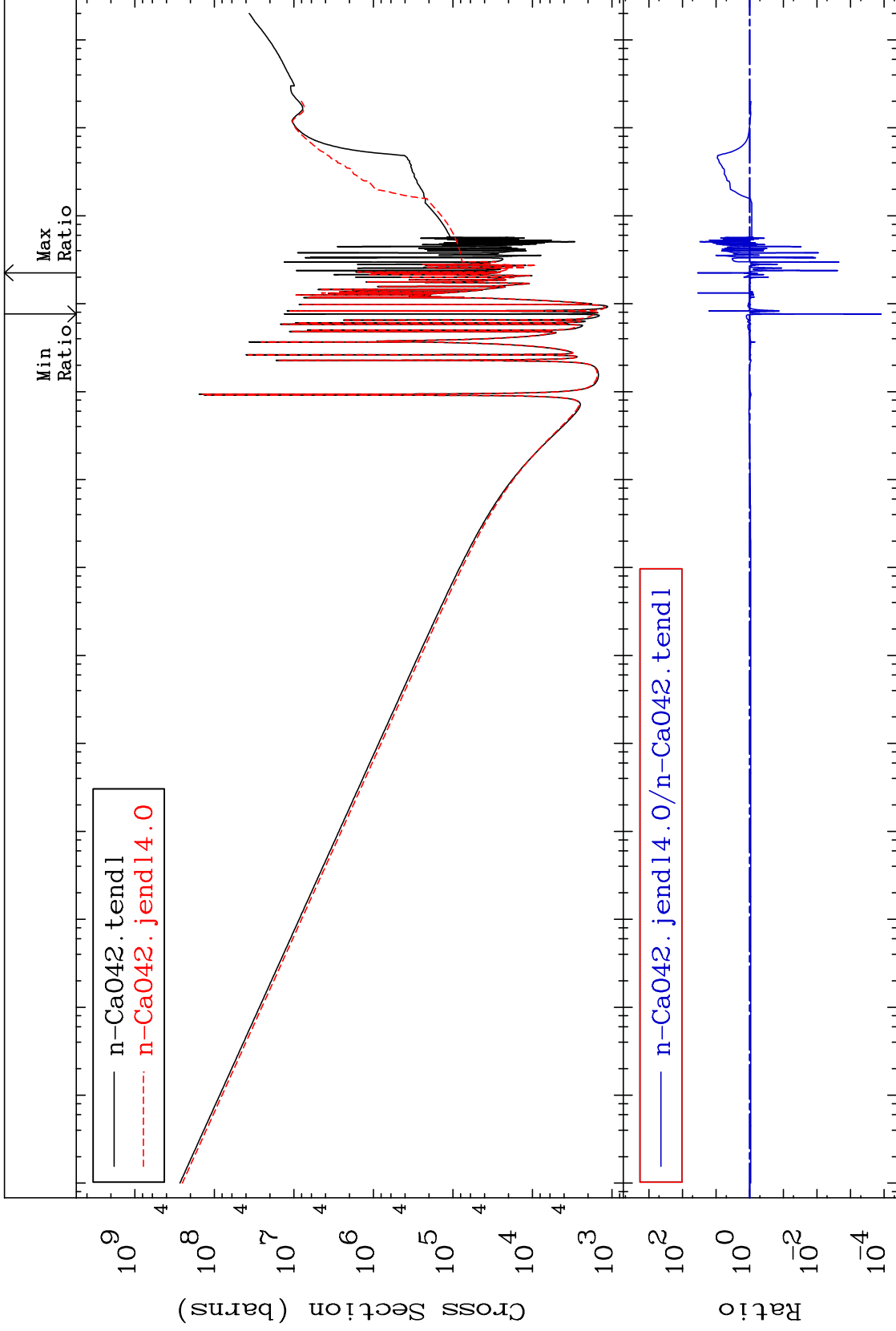
Incident Energy (eV)

20-Ca-42

MAT 2031

Total kinematic kerma (high limit)
Cross Section

20-Ca-42
-99.99 To 3478. %



Incident Energy (eV)

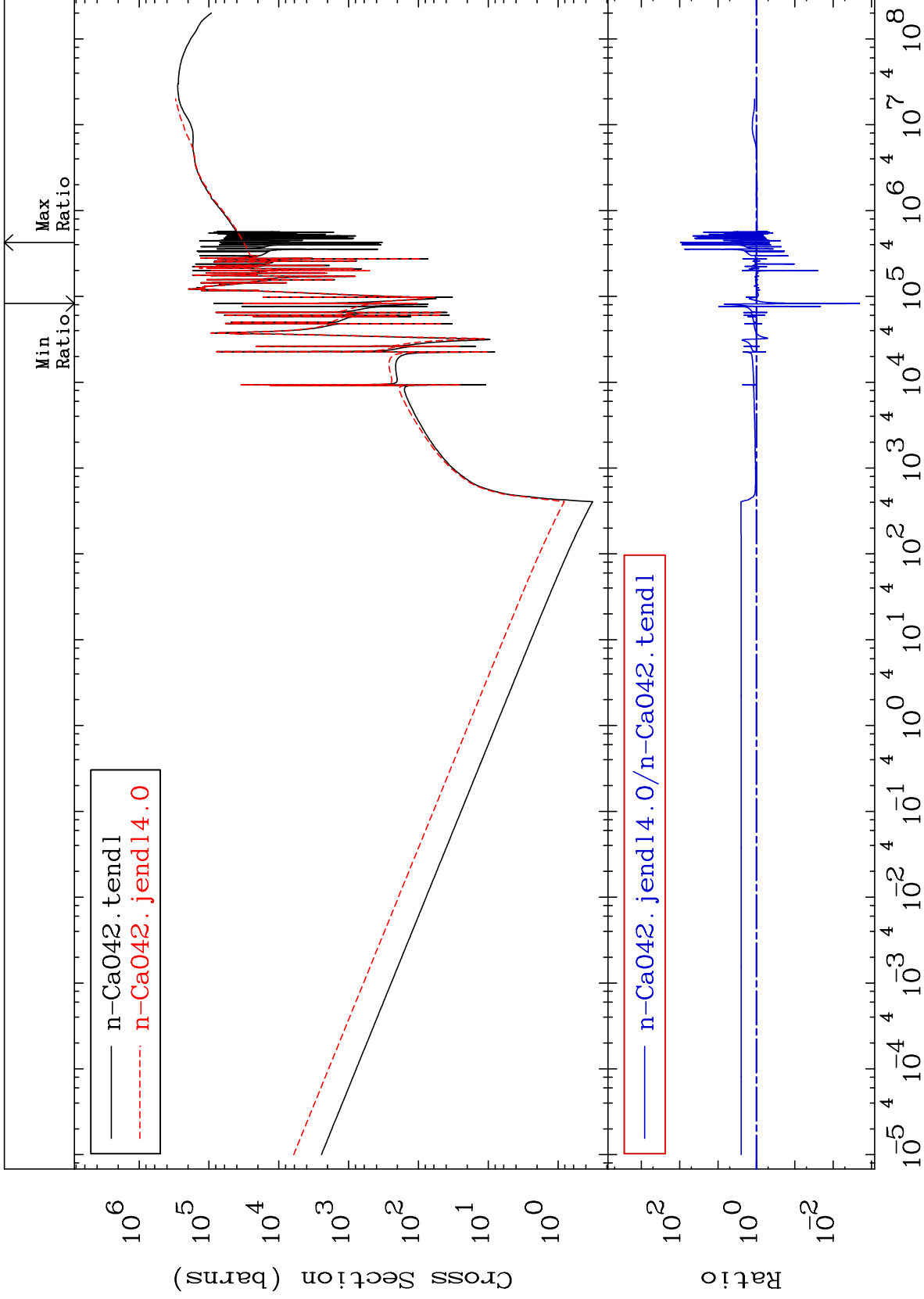
20-Ca-42

50

MAT 2031

Dpa total (eV-barns)
Cross Section

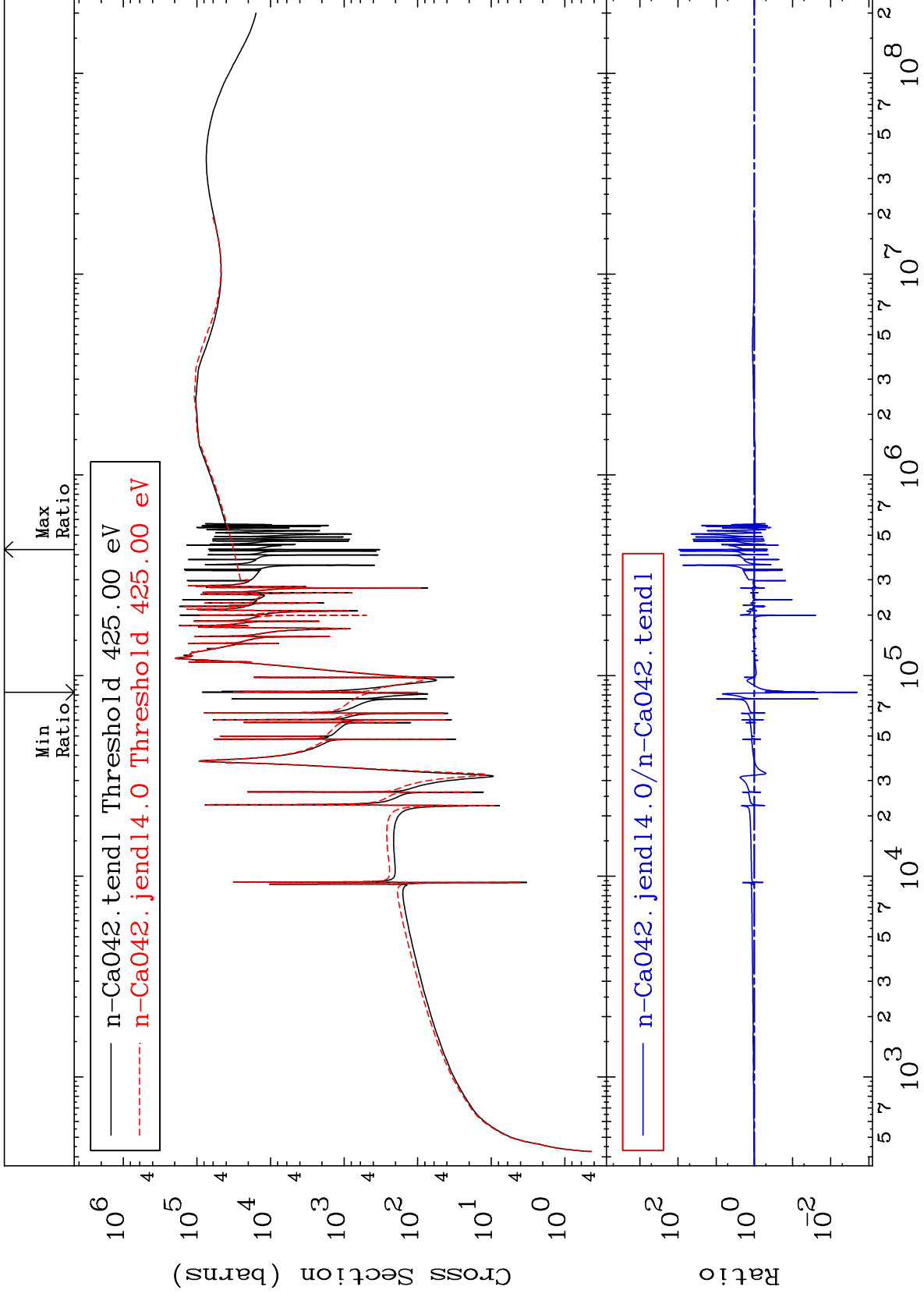
20-Ca-42
-99.79 To 9533. %



MAT 2031

Dpa elastic (mt2)
Cross Section

20-Ca-42
-99.80 To 9544. %



52

Incident Energy (eV)

20-Ca-42

