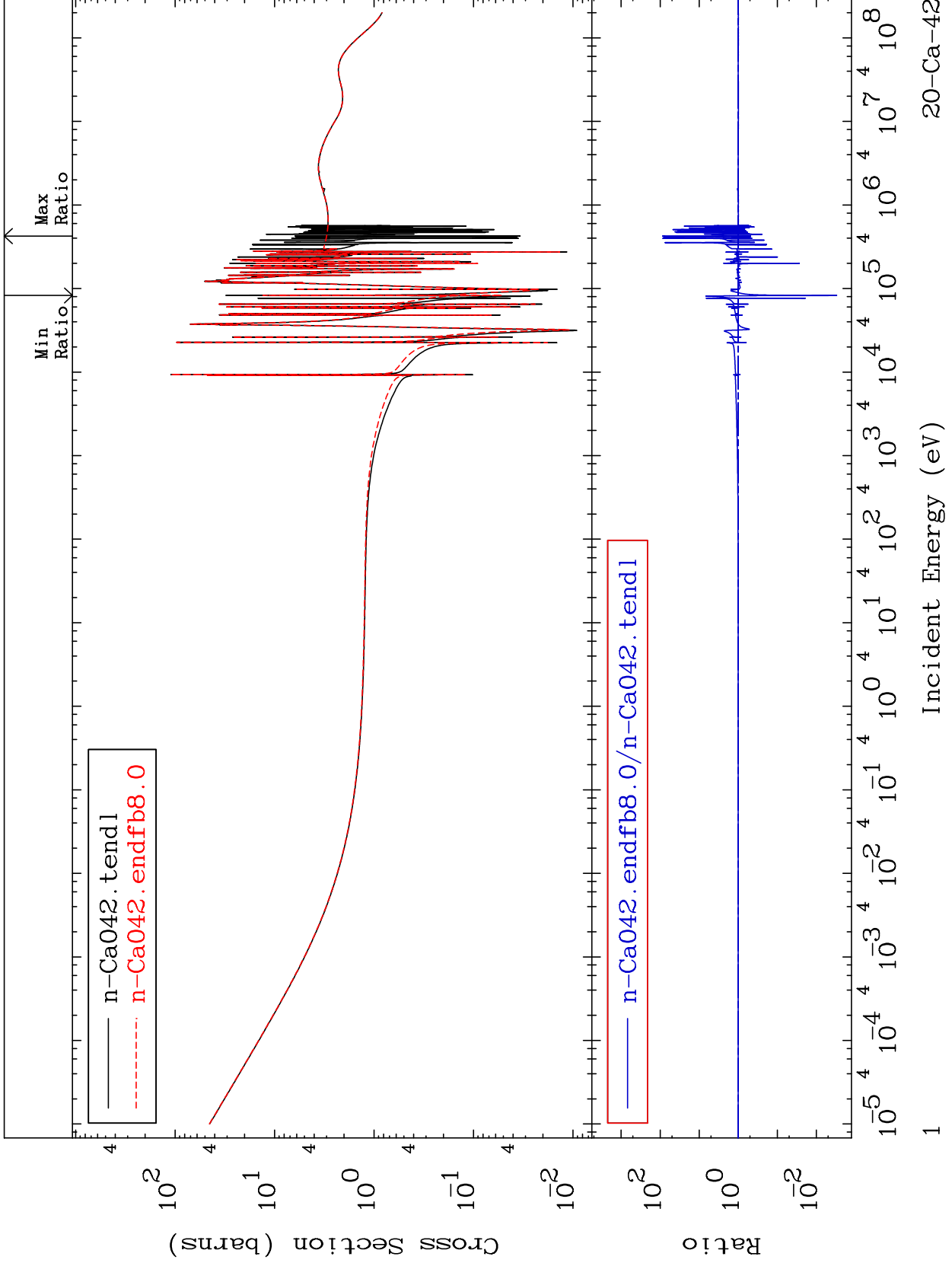


MAT 2031

Total
Cross Section

20-Ca-42
-99.70 To 8716. %

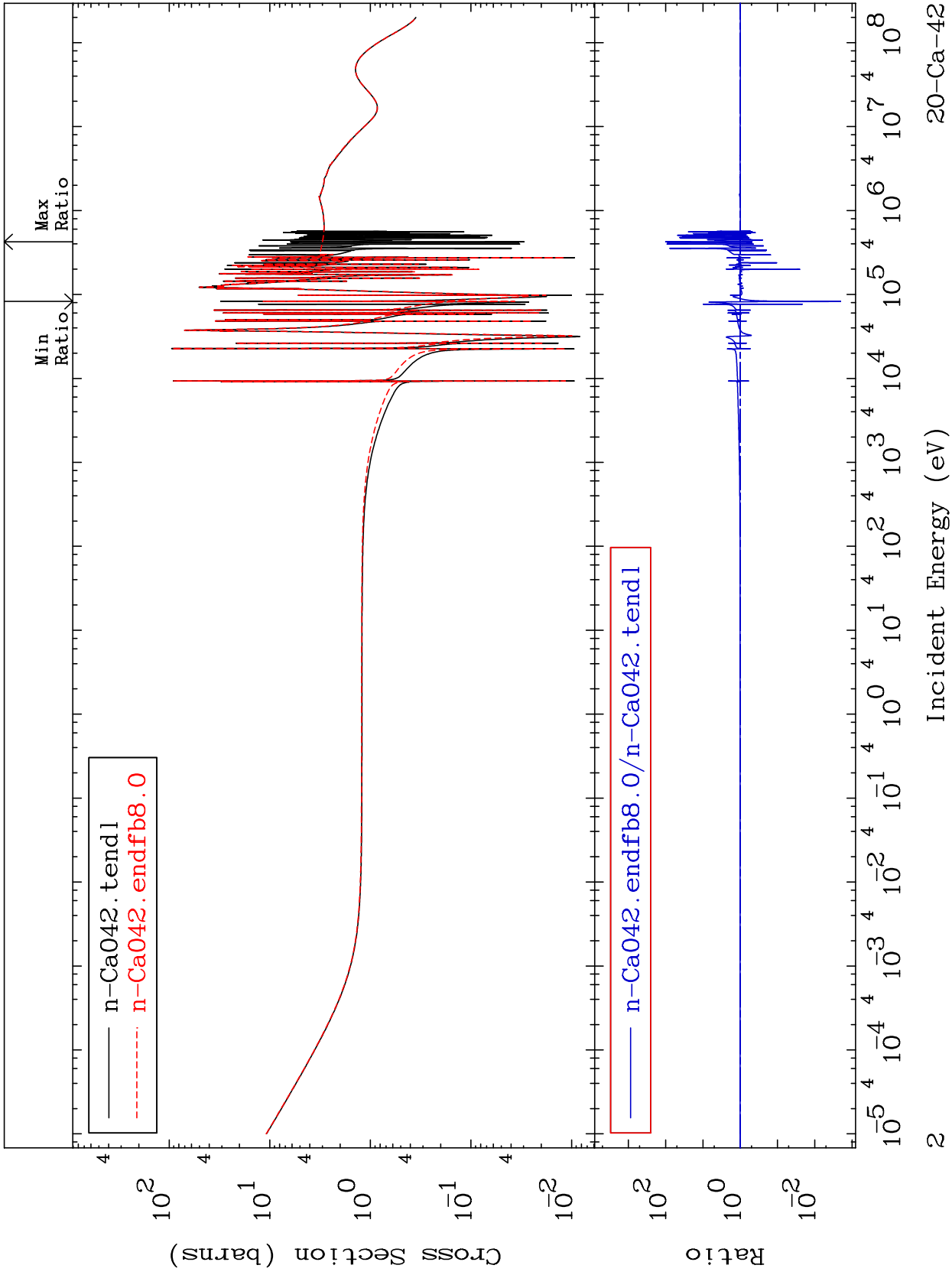


20-Ca-42

MAT 2031

Elastic
Cross Section

20-Ca-42
-99.80 To 9999. %



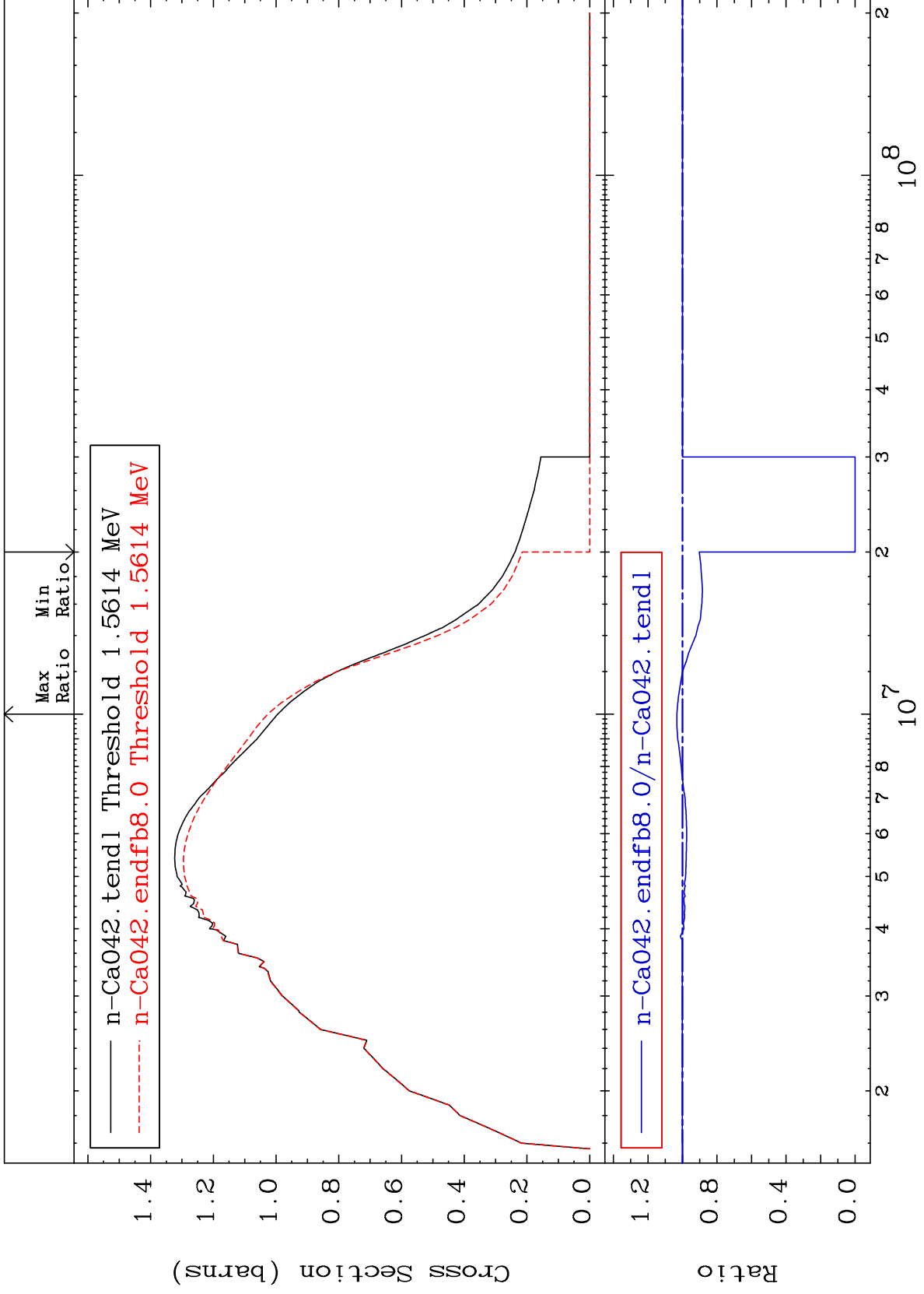
20-Ca-42

Incident Energy (eV)

MAT 2031

Inelastic
Cross Section

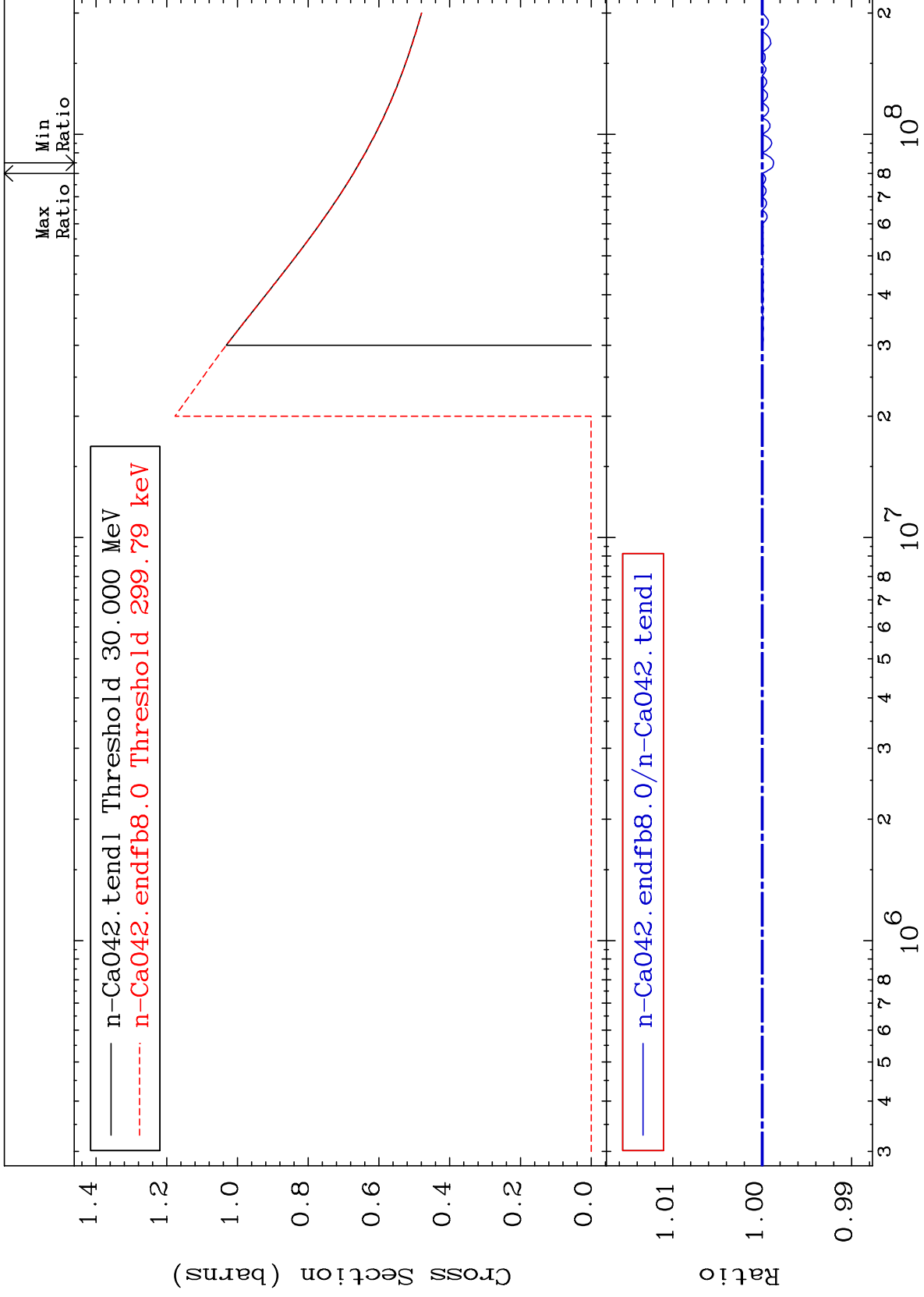
20-Ca-42
-100.0 To 3.224 %



MAT 2031

(n, remainder)
Cross Section

20-Ca-42
-0.129 To 0.000 %



Incident Energy (eV)

20-Ca-42

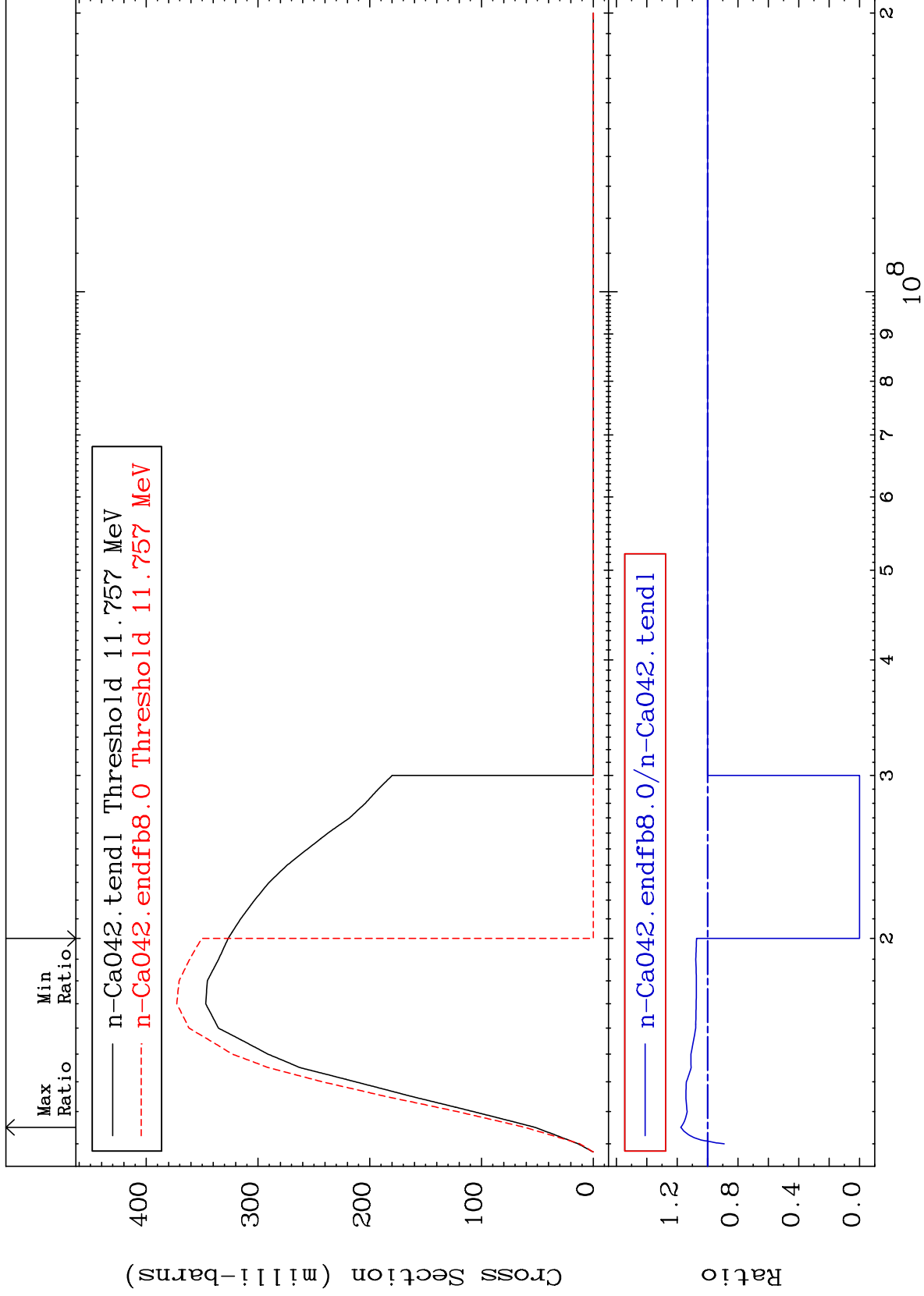
MAT 2031

(n,2n)

20-Ca-42

Cross Section

-100.0 To 17.61 %



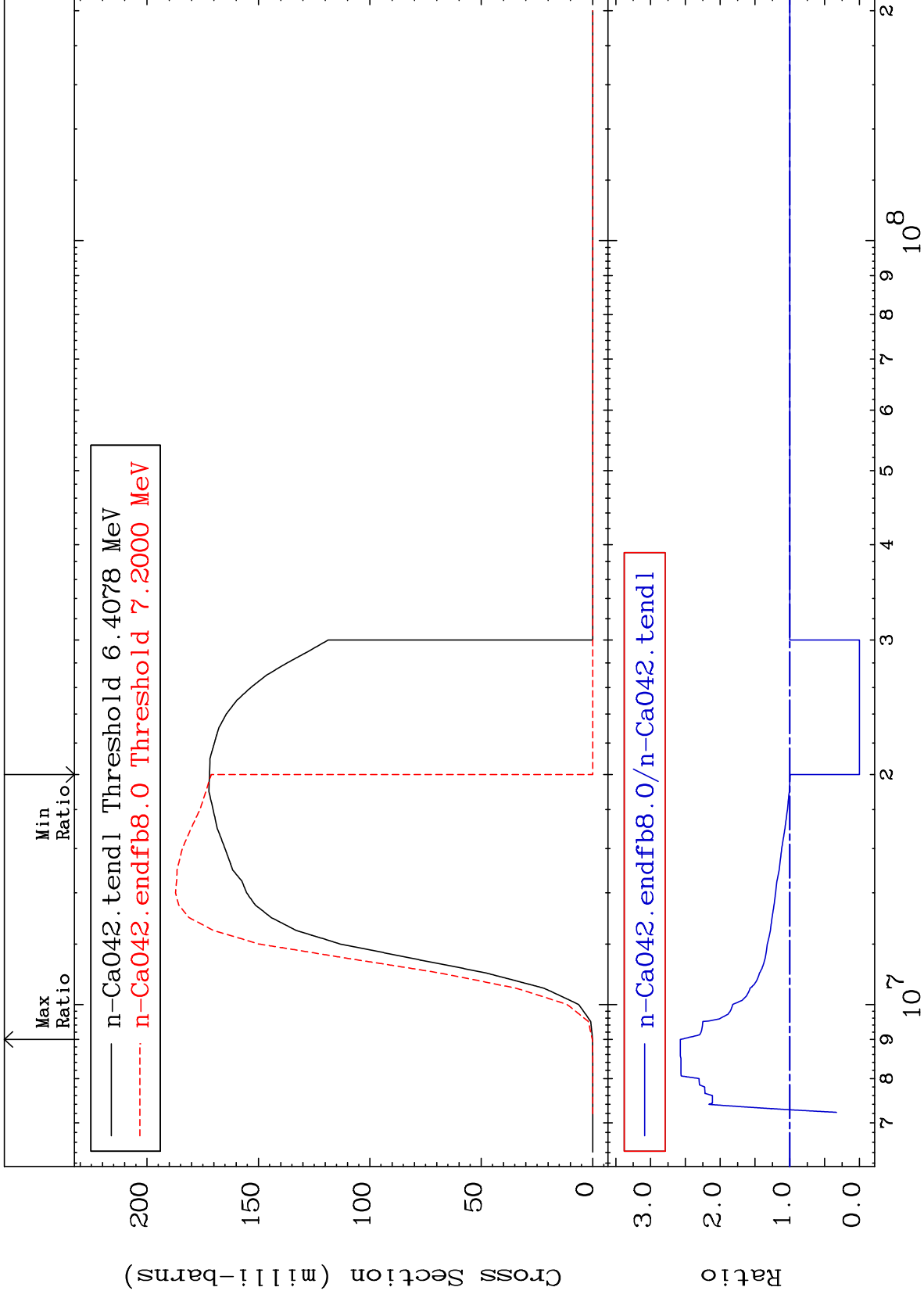
MAT 2031

(n, n') α

20-Ca-42

Cross Section

-100.0 To 157.2 %



6

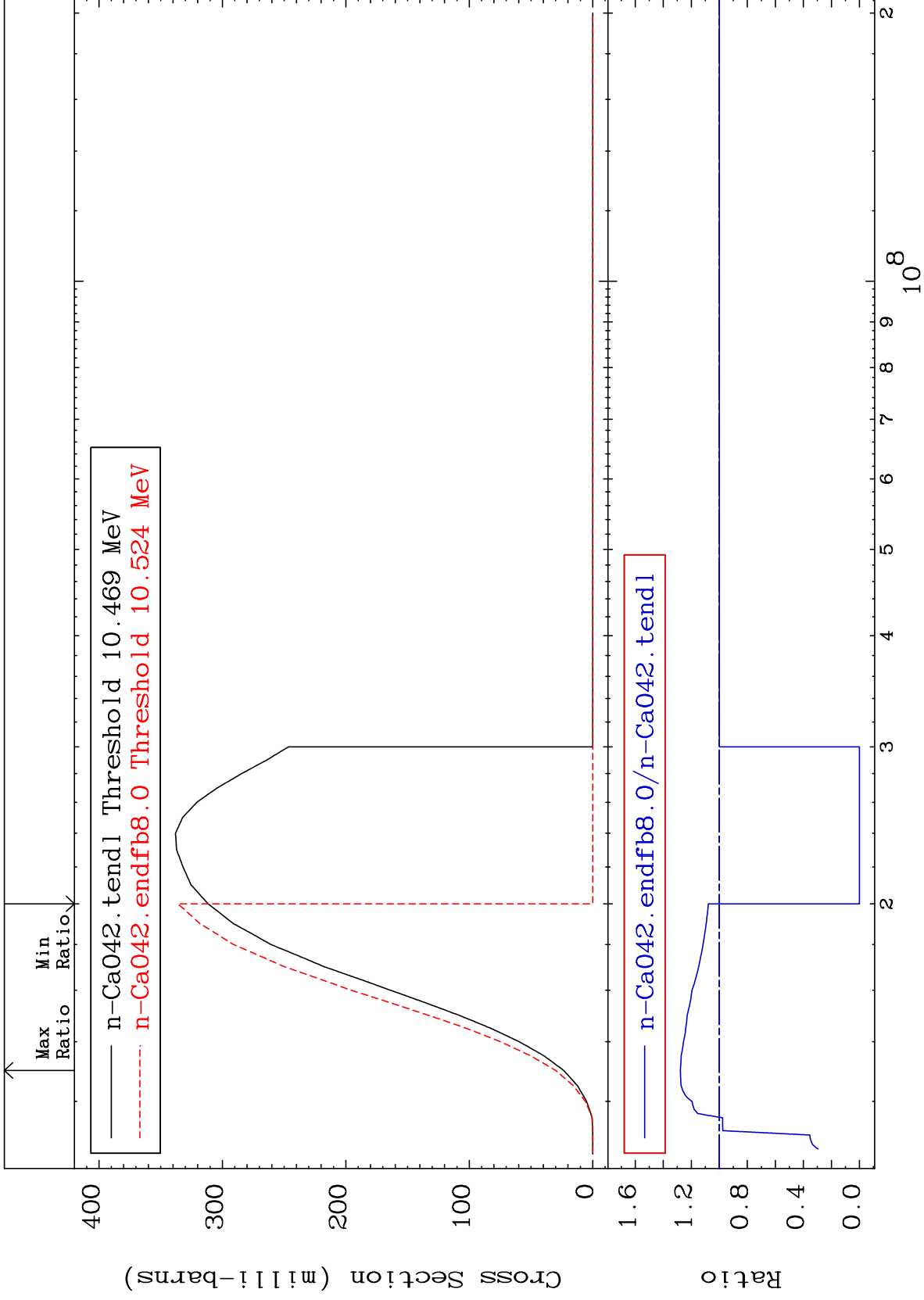
Incident Energy (eV)

20-Ca-42

MAT 2031

(n,n') p
Cross Section

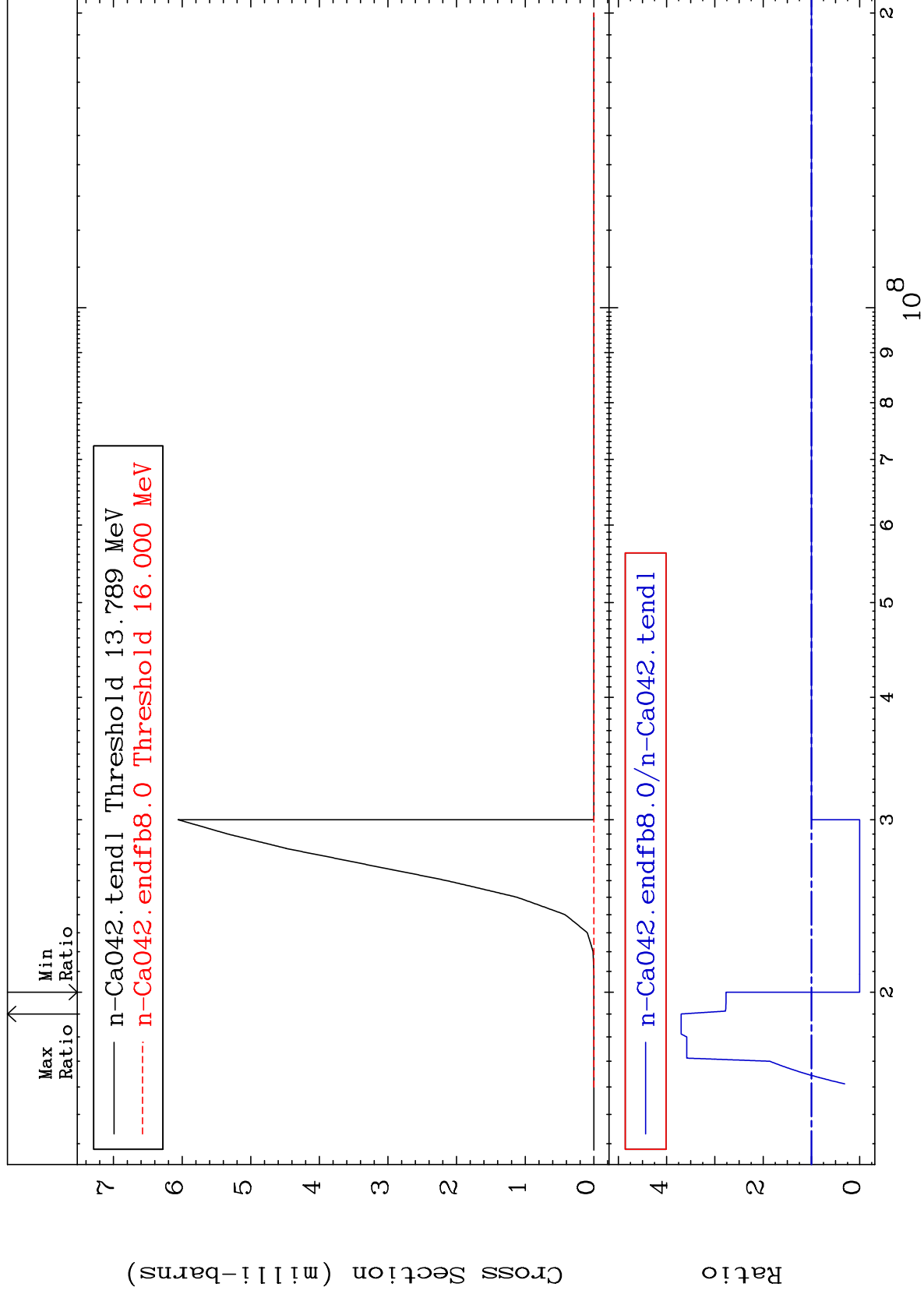
20-Ca-42
-100.0 To 27.80 %



MAT 2031

(n, n') 2α
Cross Section

20-Ca-42
-100.0 To 269.9 %



8

Incident Energy (eV)

20-Ca-42

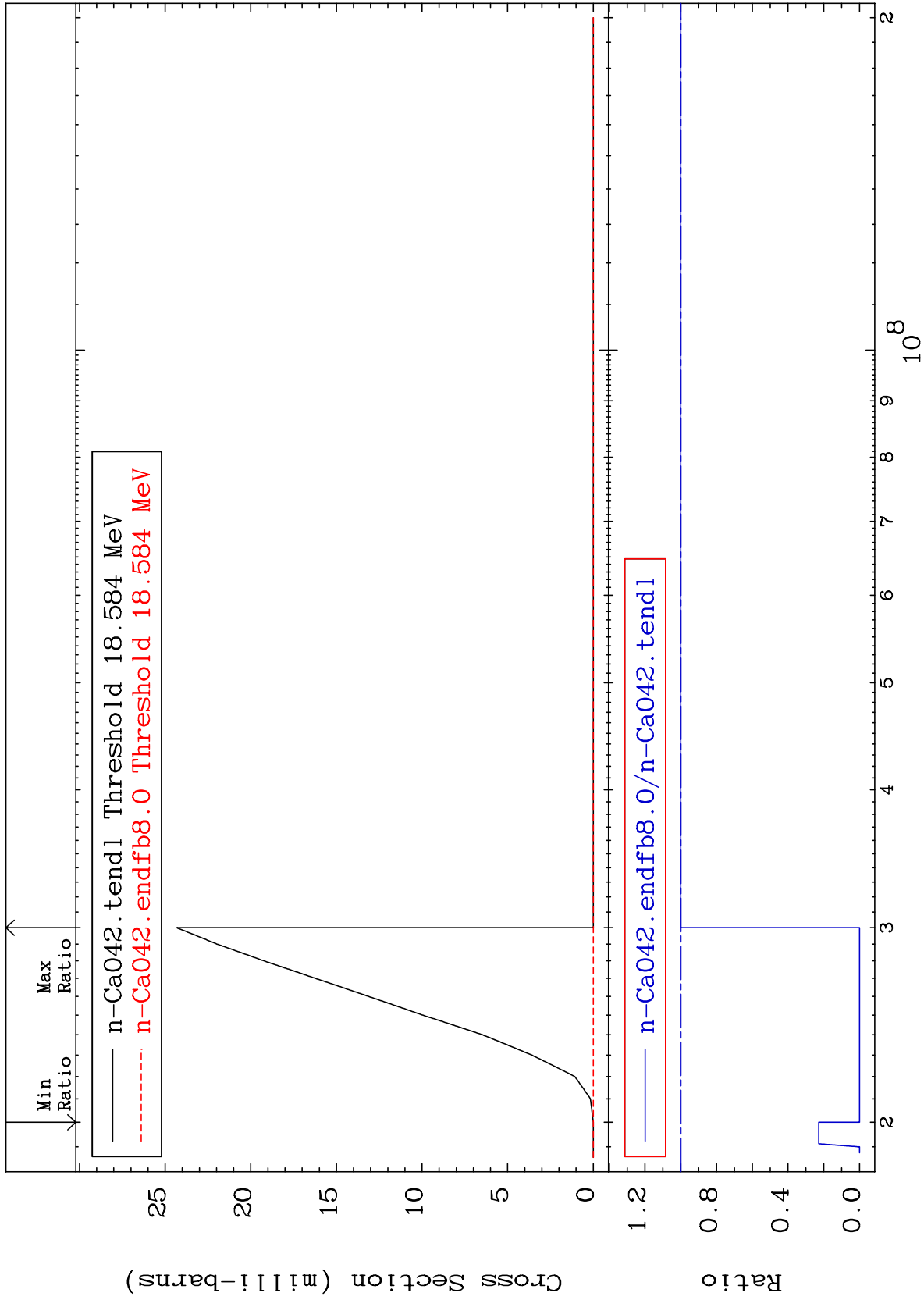
MAT 2031

(n,n') d

20-Ca-42

Cross Section

-100.0 To 0.000 %



9

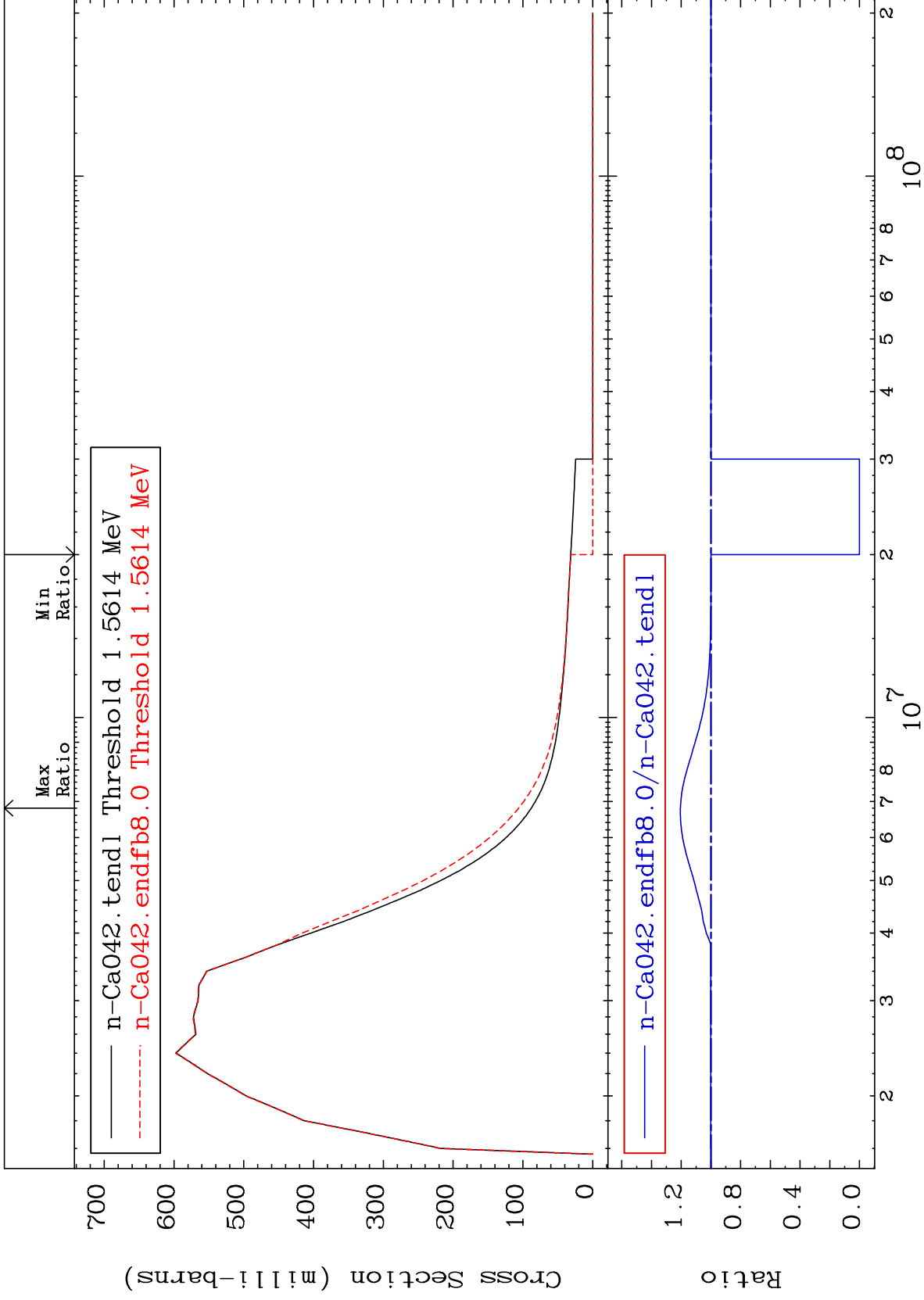
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 20.57 %



10

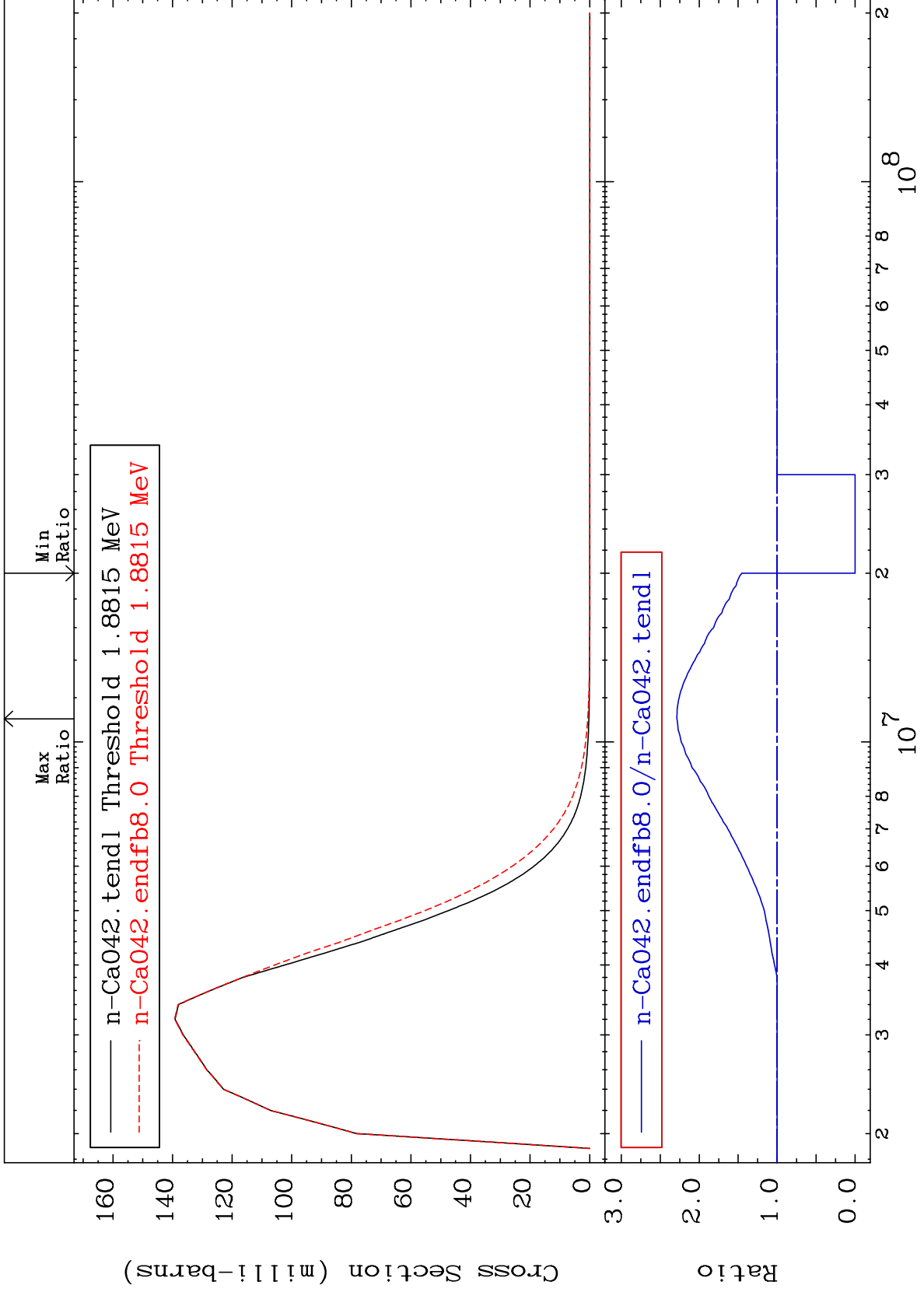
Incident Energy (eV)

20-Ca-42

MAT 2031

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

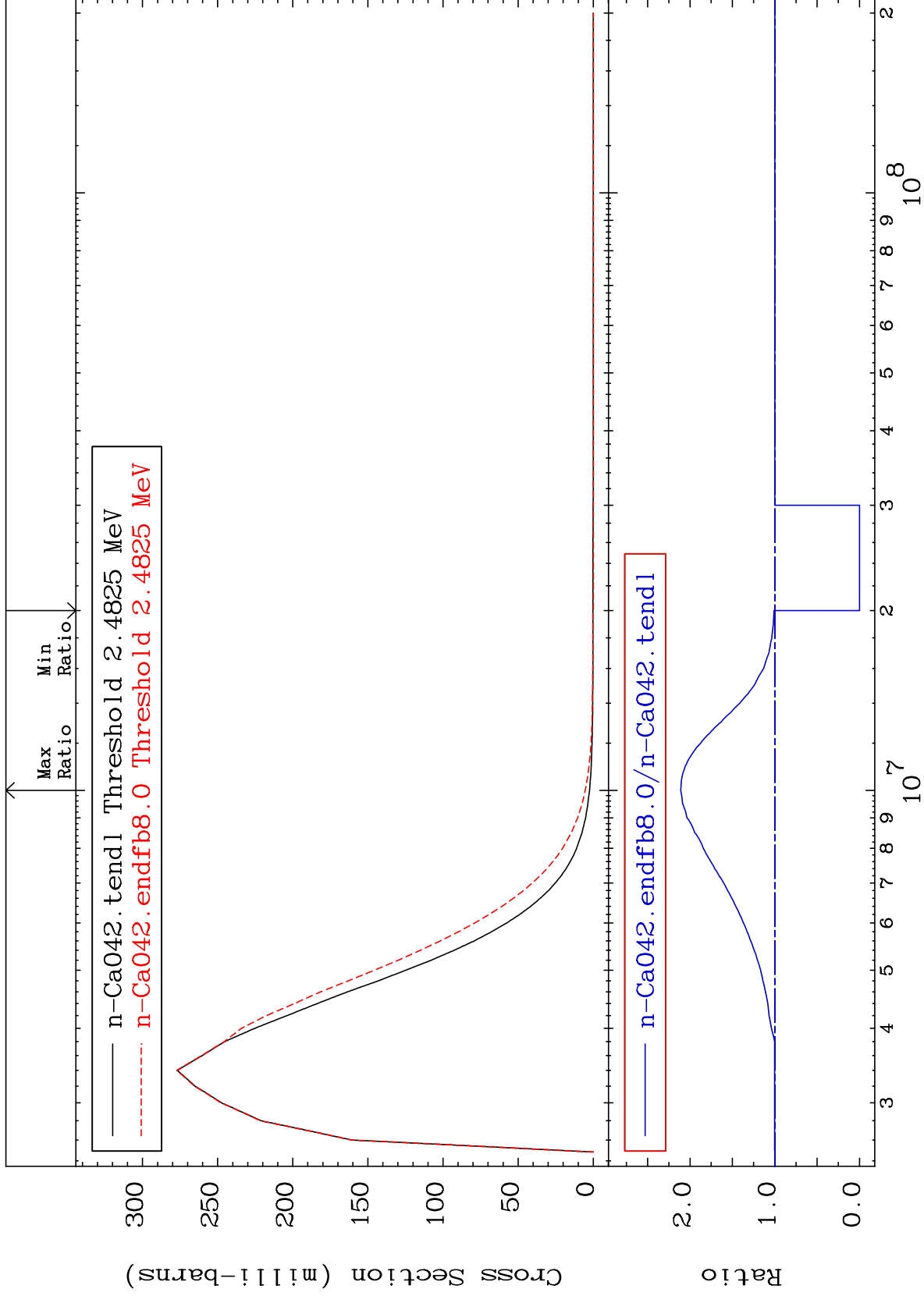
20-Ca-42
-100.0 To 128.6 %



MAT 2031

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

20-Ca-42
-100.0 To 110.9 %



12

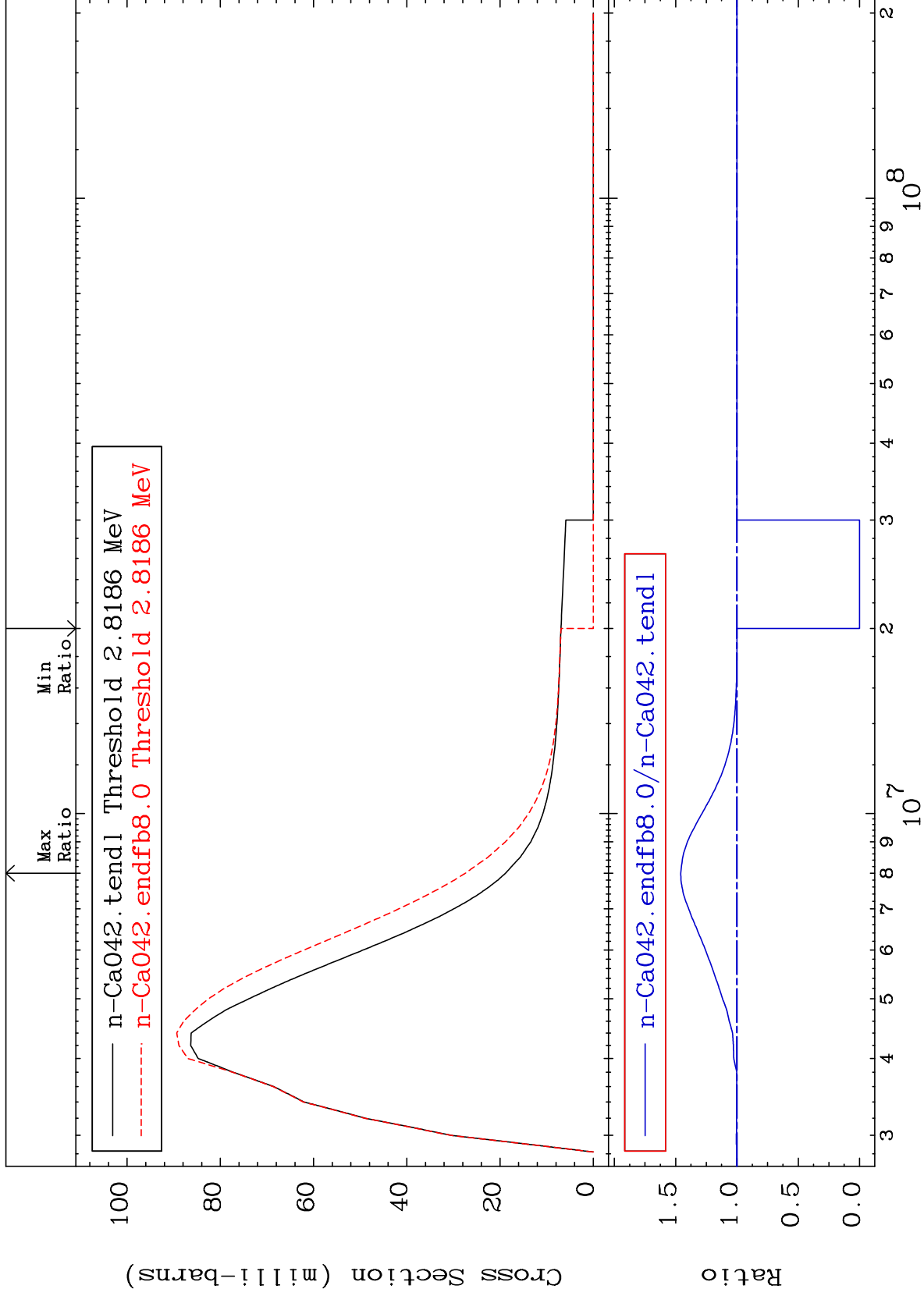
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 45.82 %



13

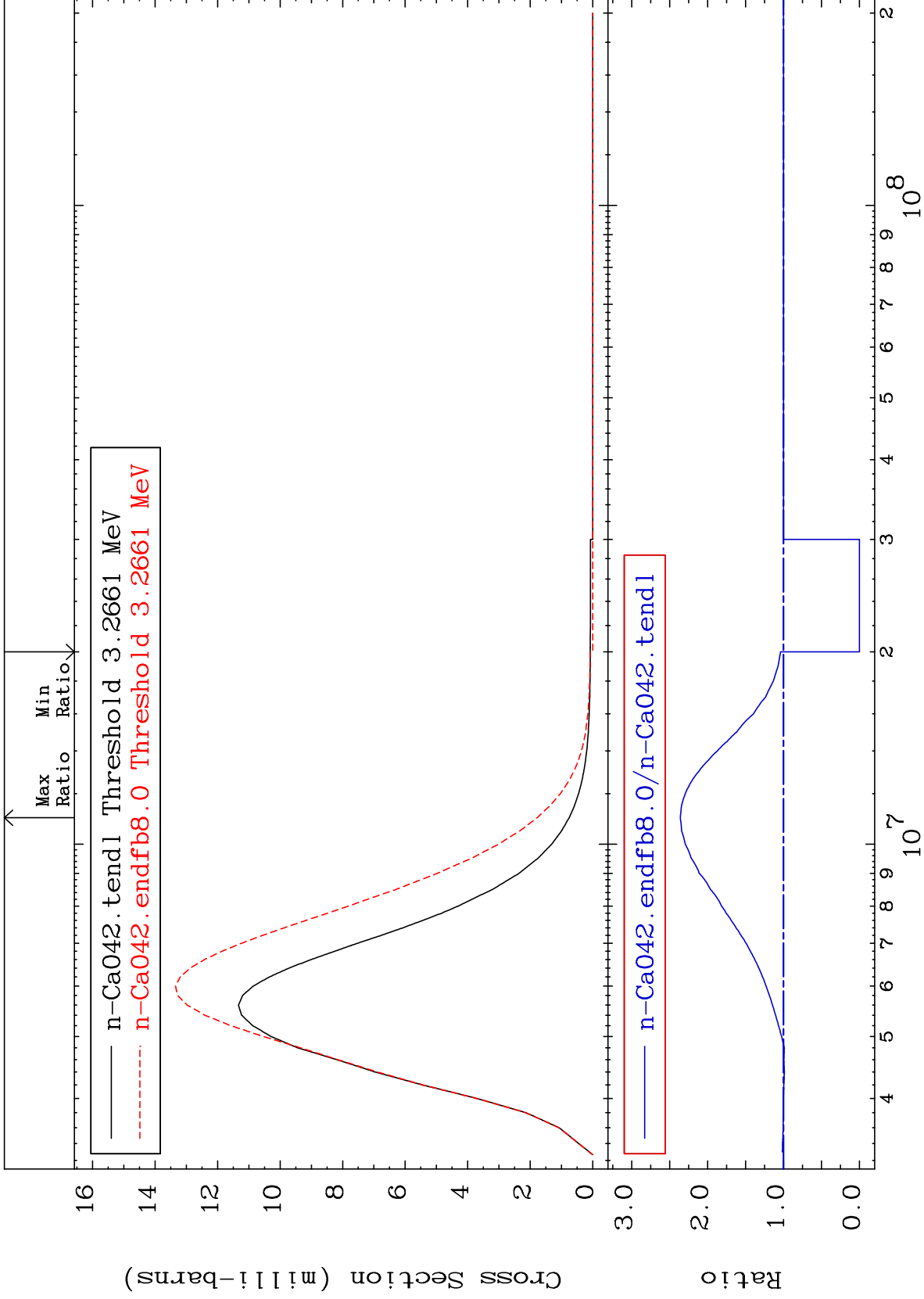
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 135.9 %



14

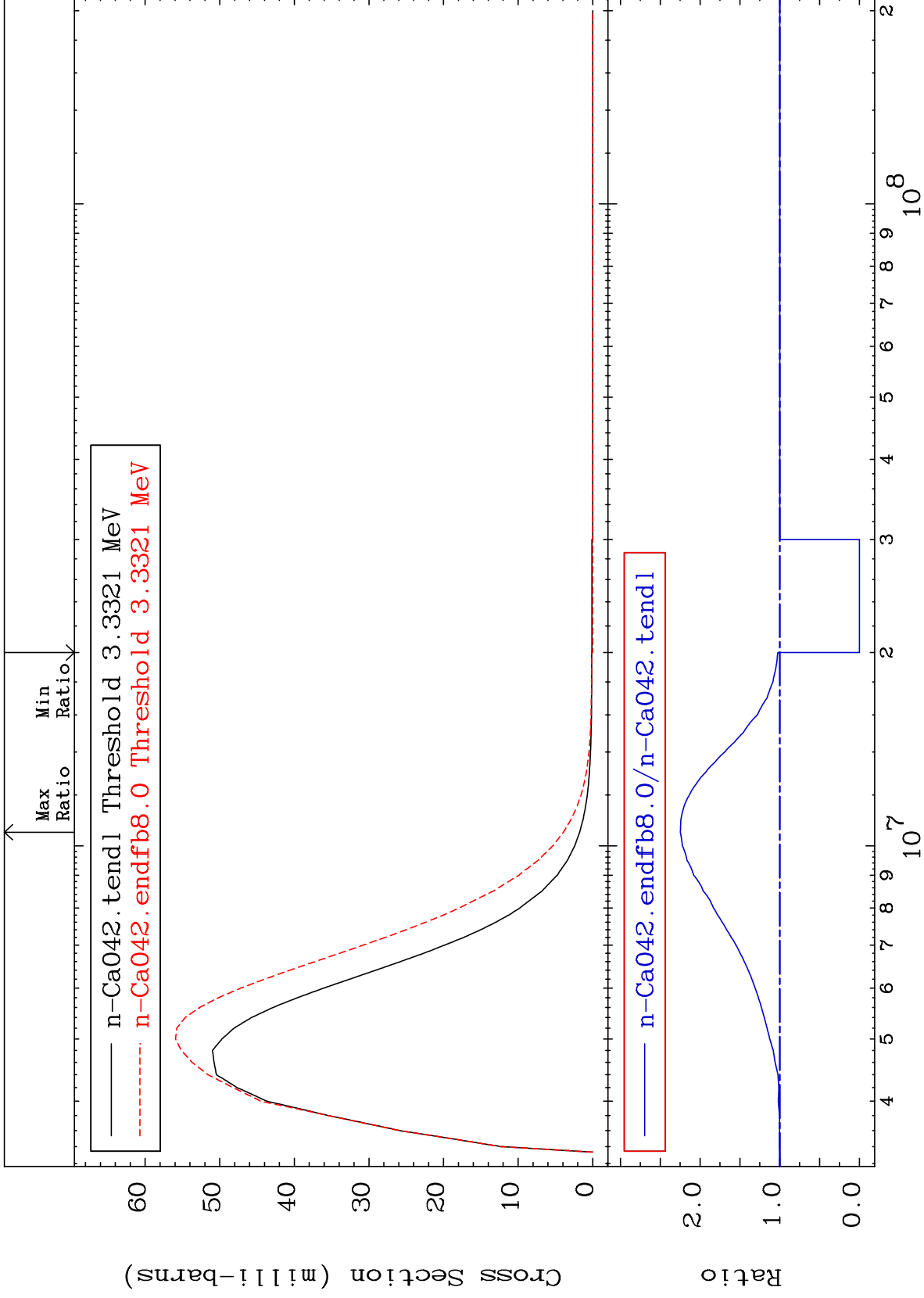
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 124.7 %



15

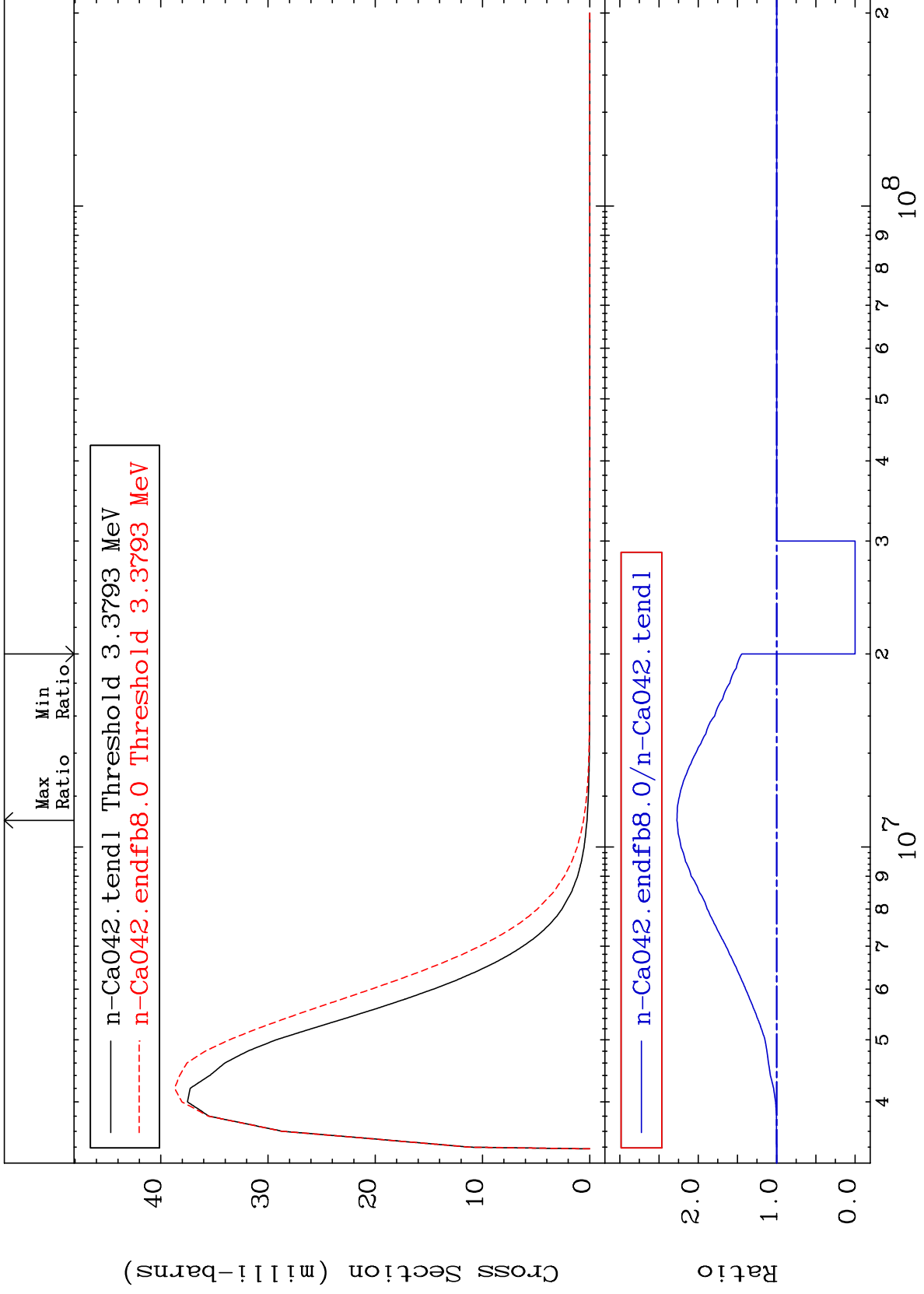
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 127.1 %



16

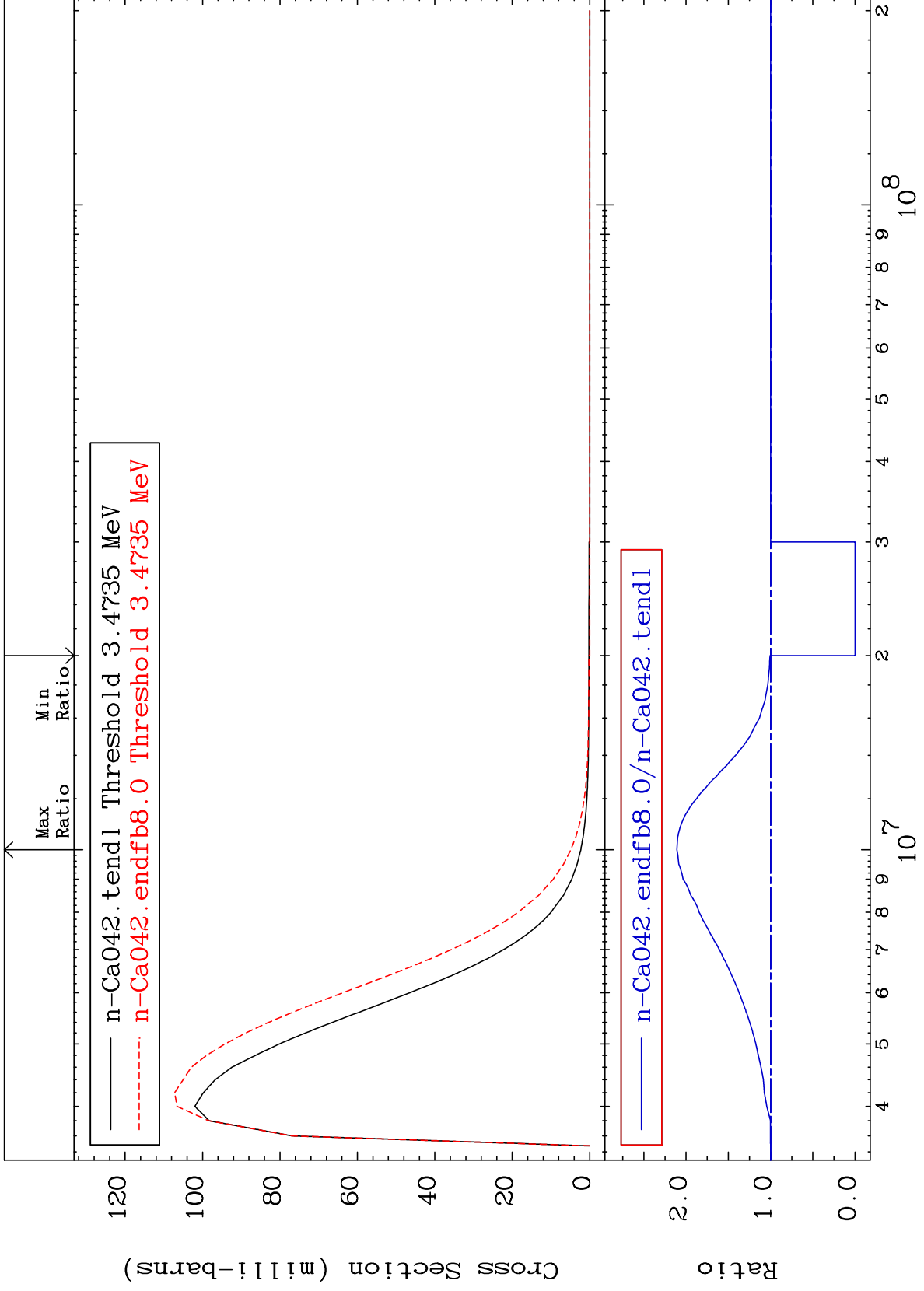
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 110.9 %



17

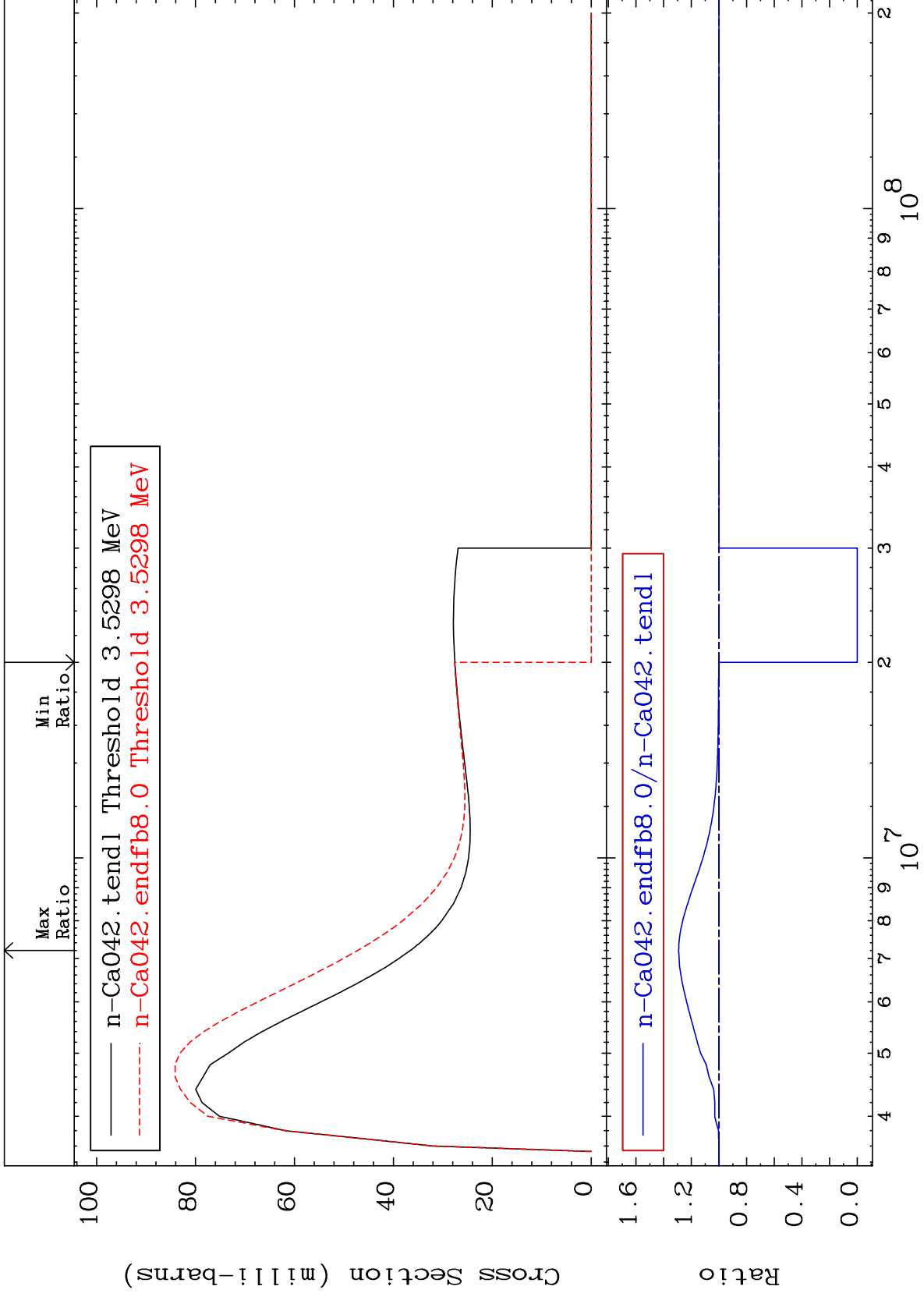
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 29.16 %



18

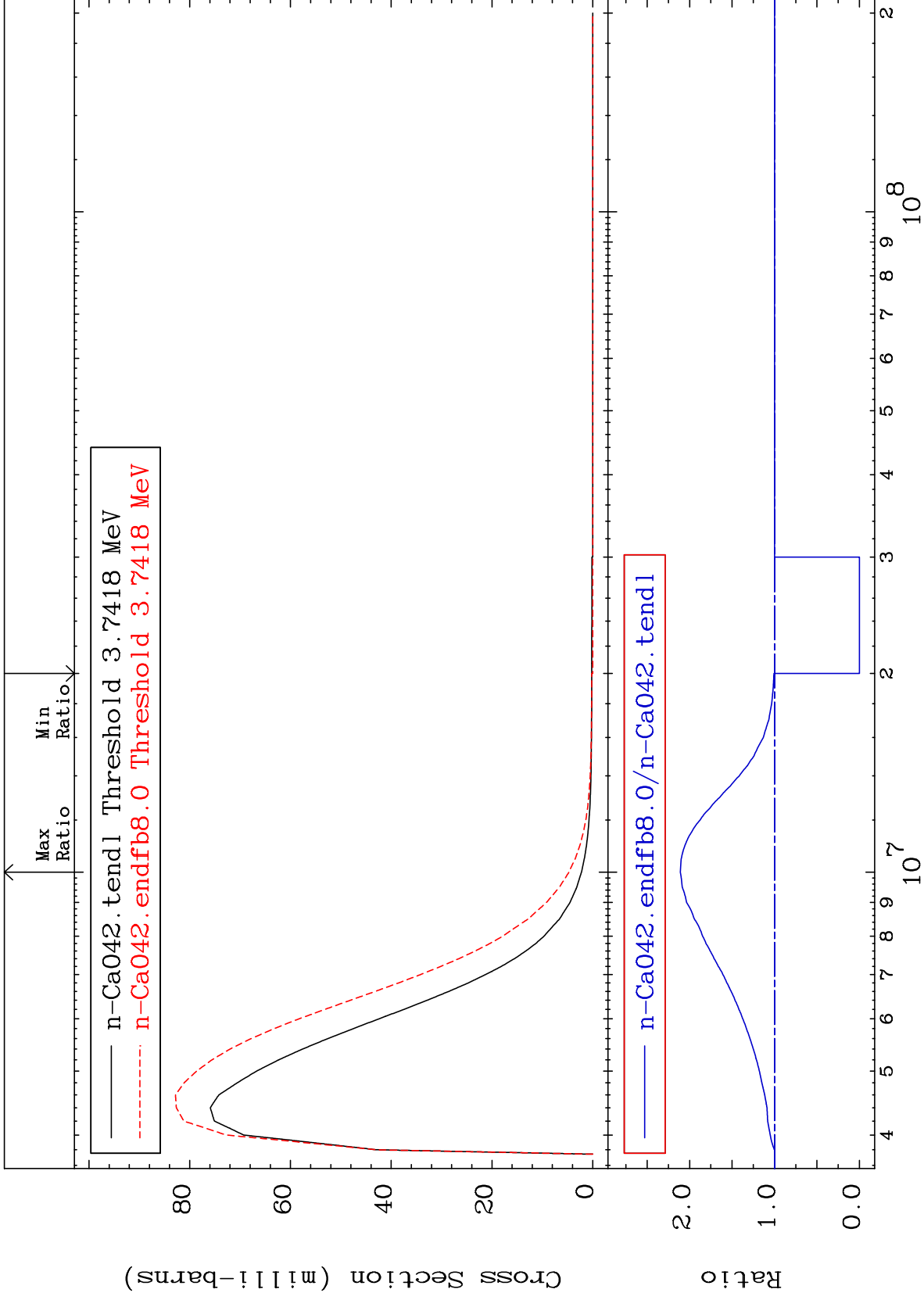
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 110.9 %



19

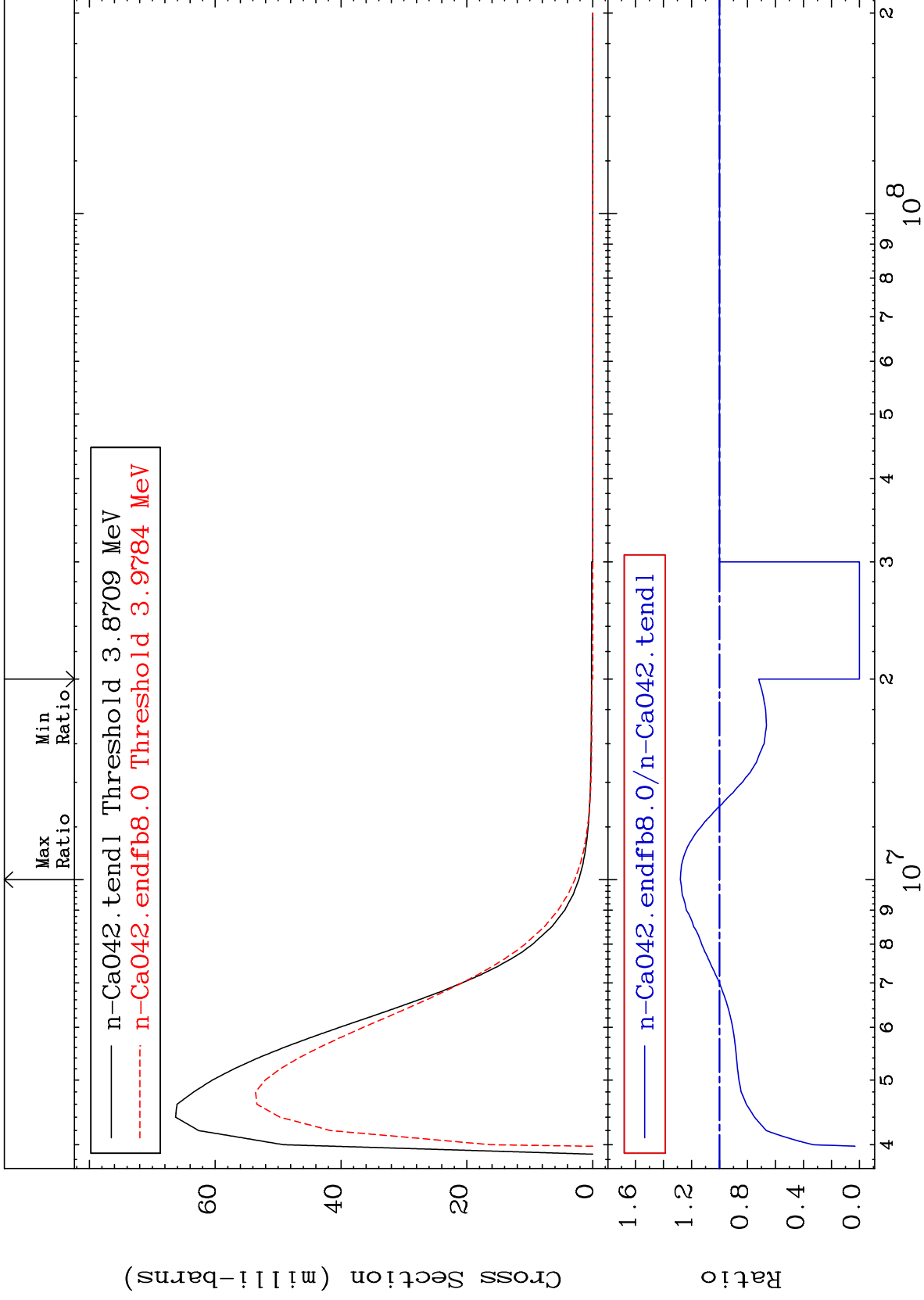
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 27.94 %



20

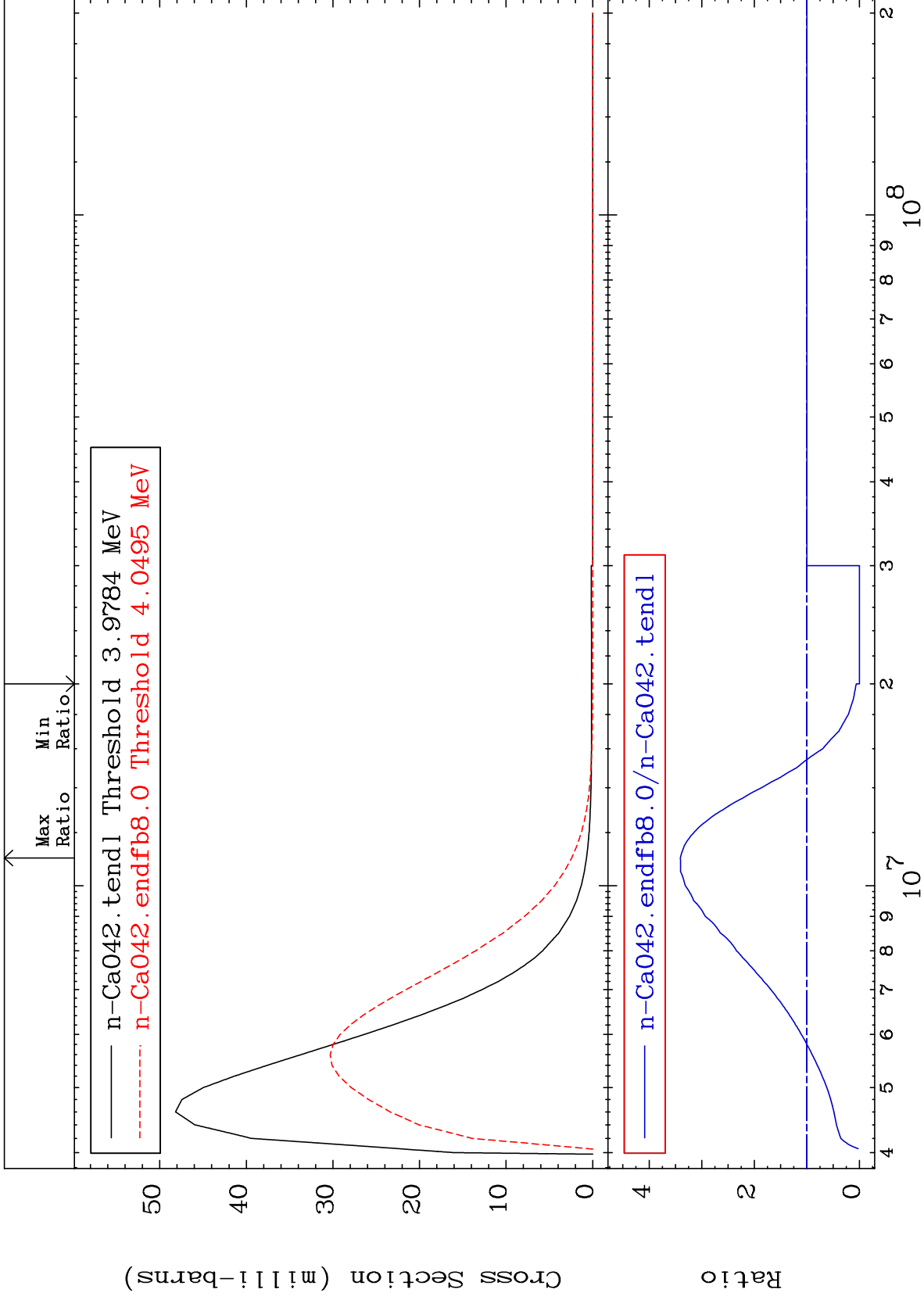
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 240.6 %



21

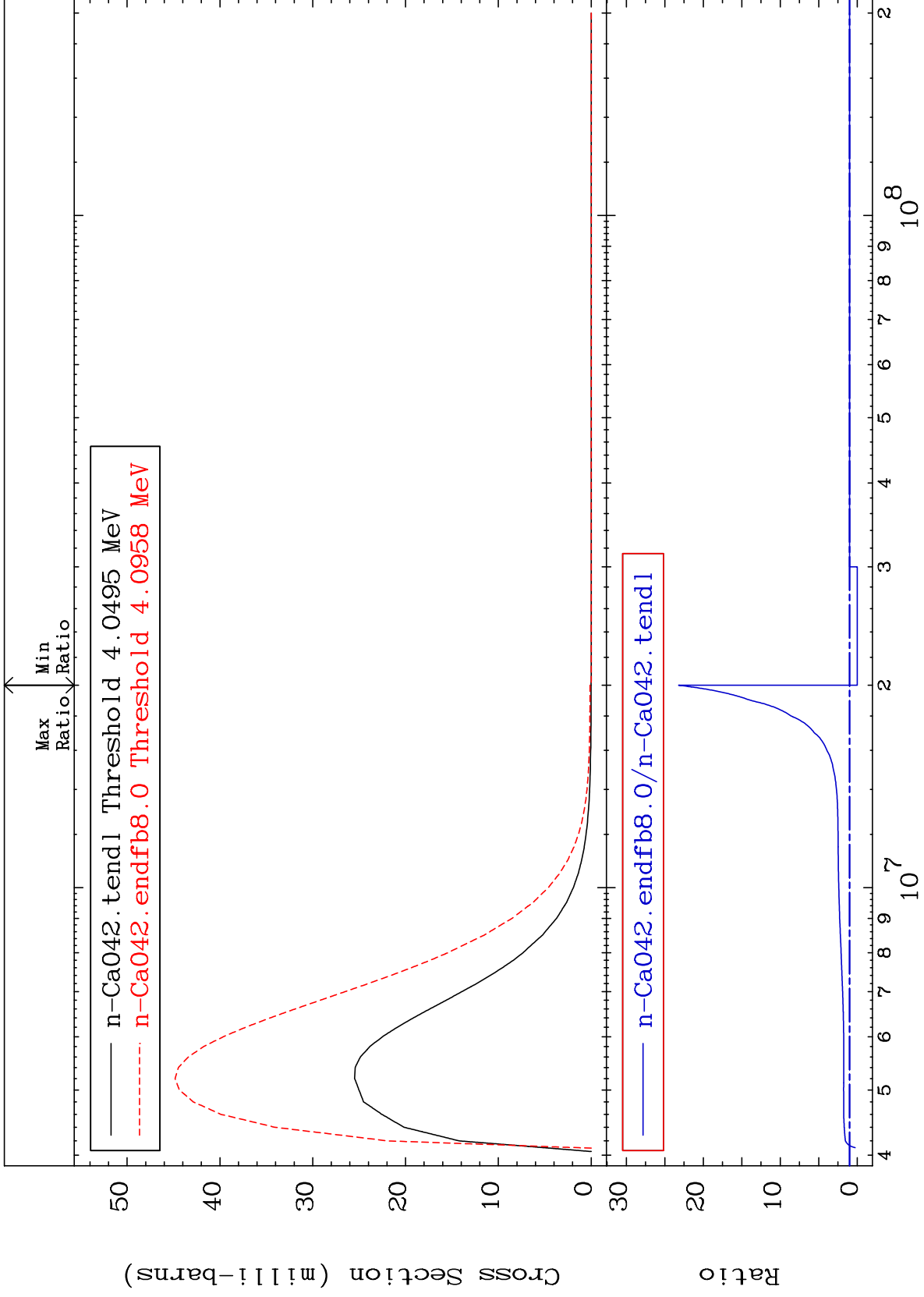
Incident Energy (eV)

20-Ca-42

MAT 2031

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

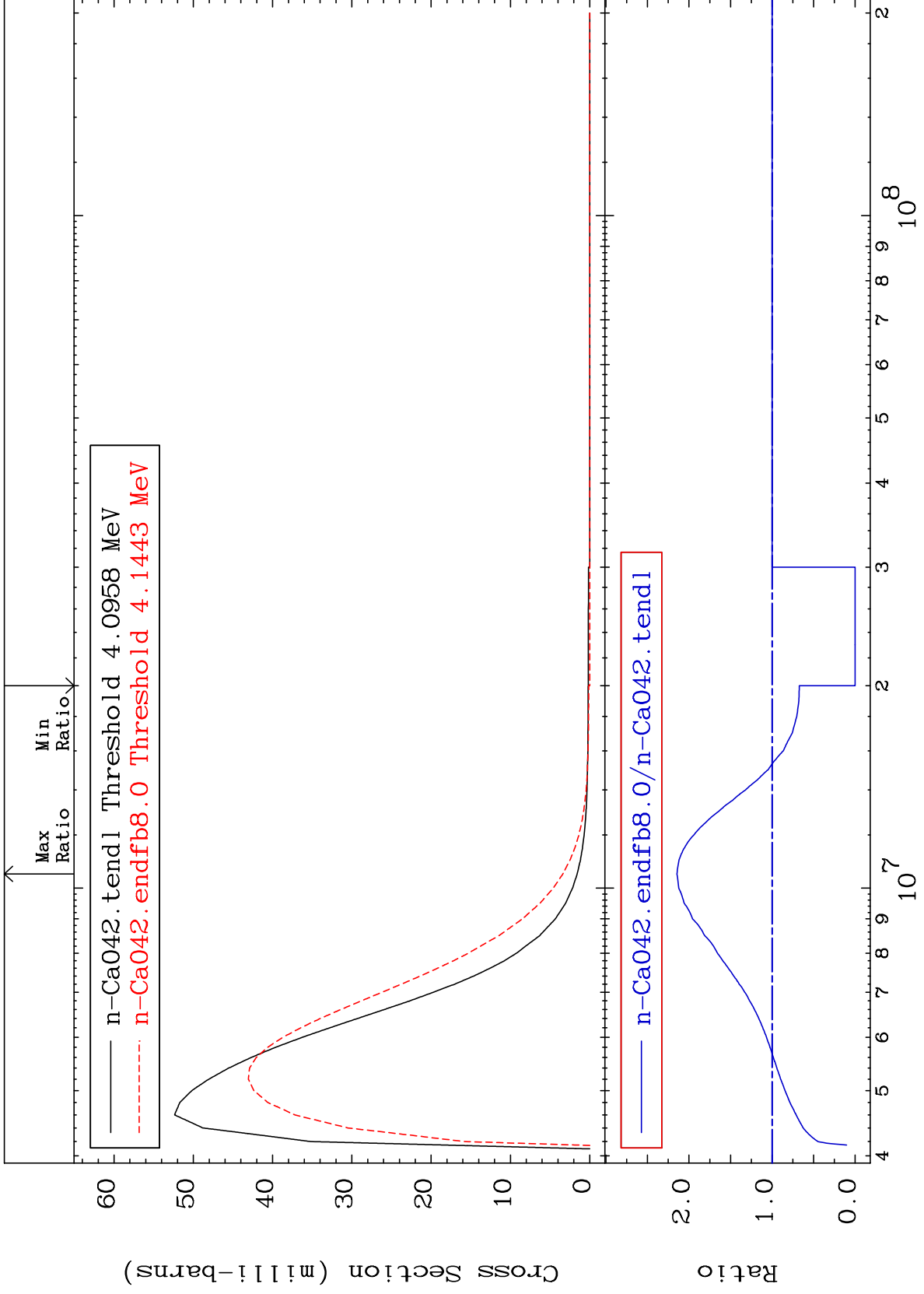
20-Ca-42
-100.0 To 2221. %



MAT 2031

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

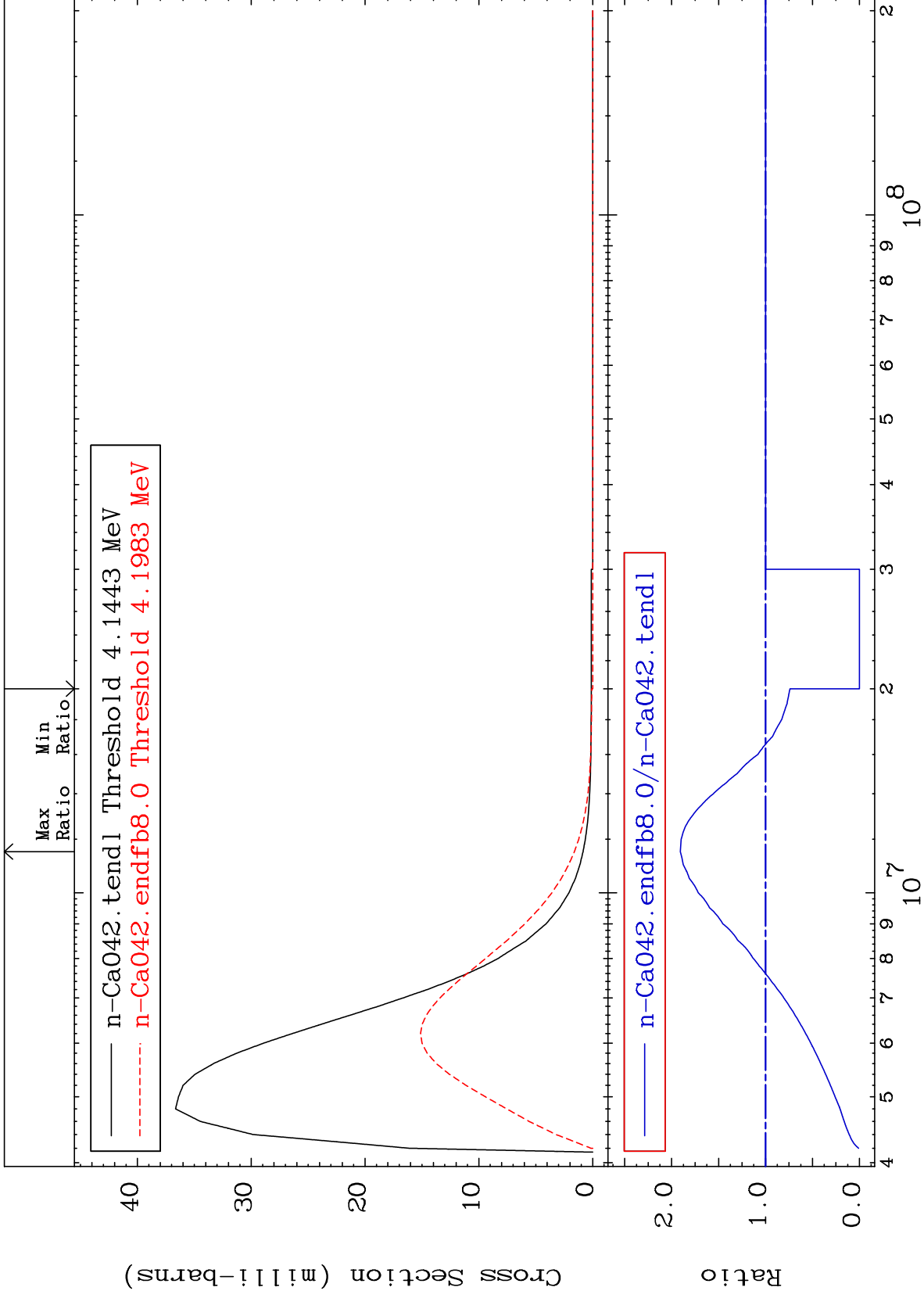
20-Ca-42
-100.0 To 114.5 %



MAT 2031

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

20-Ca-42
-100.0 To 90.72 %



24

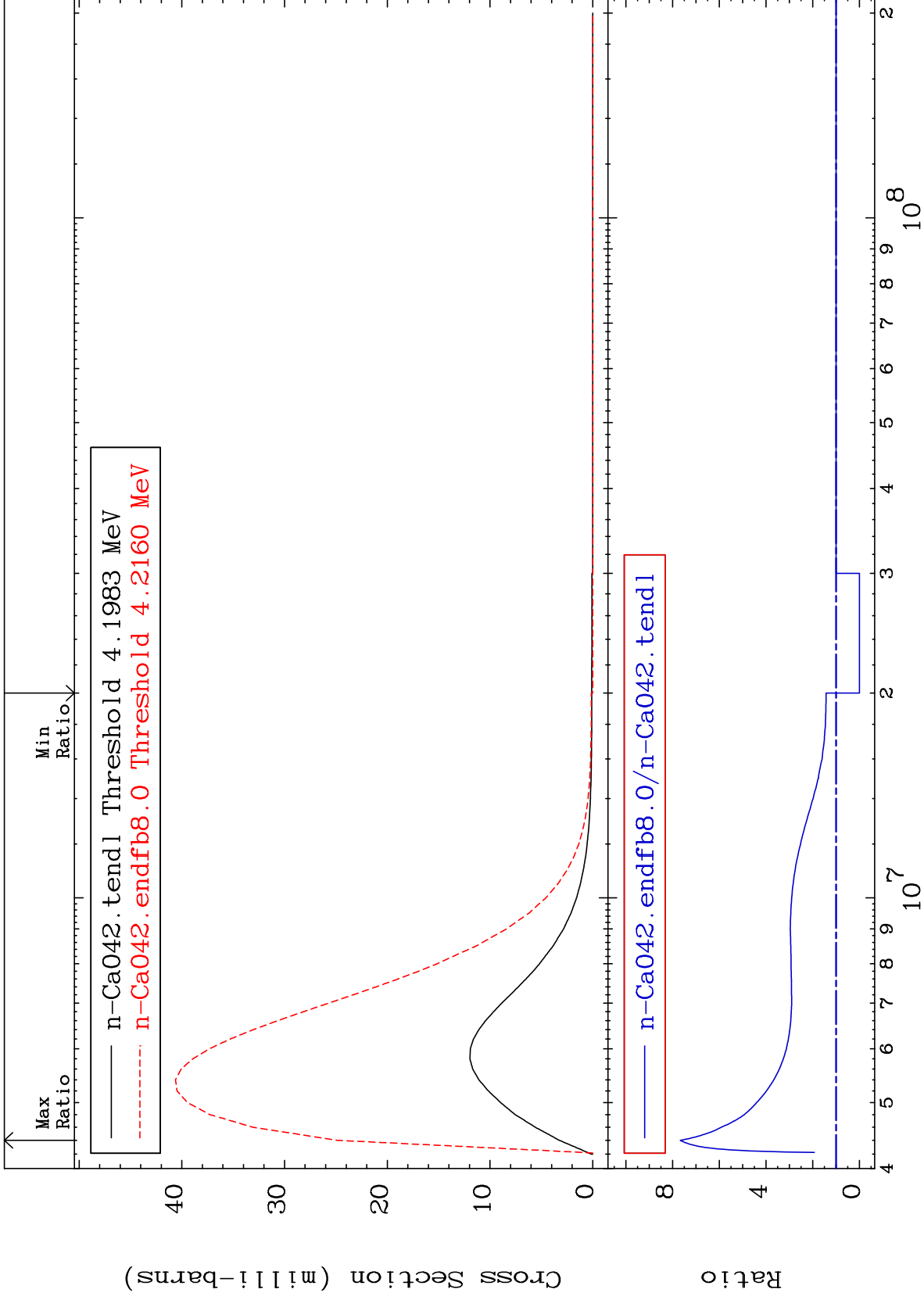
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-100.0 To 666.9 %



25

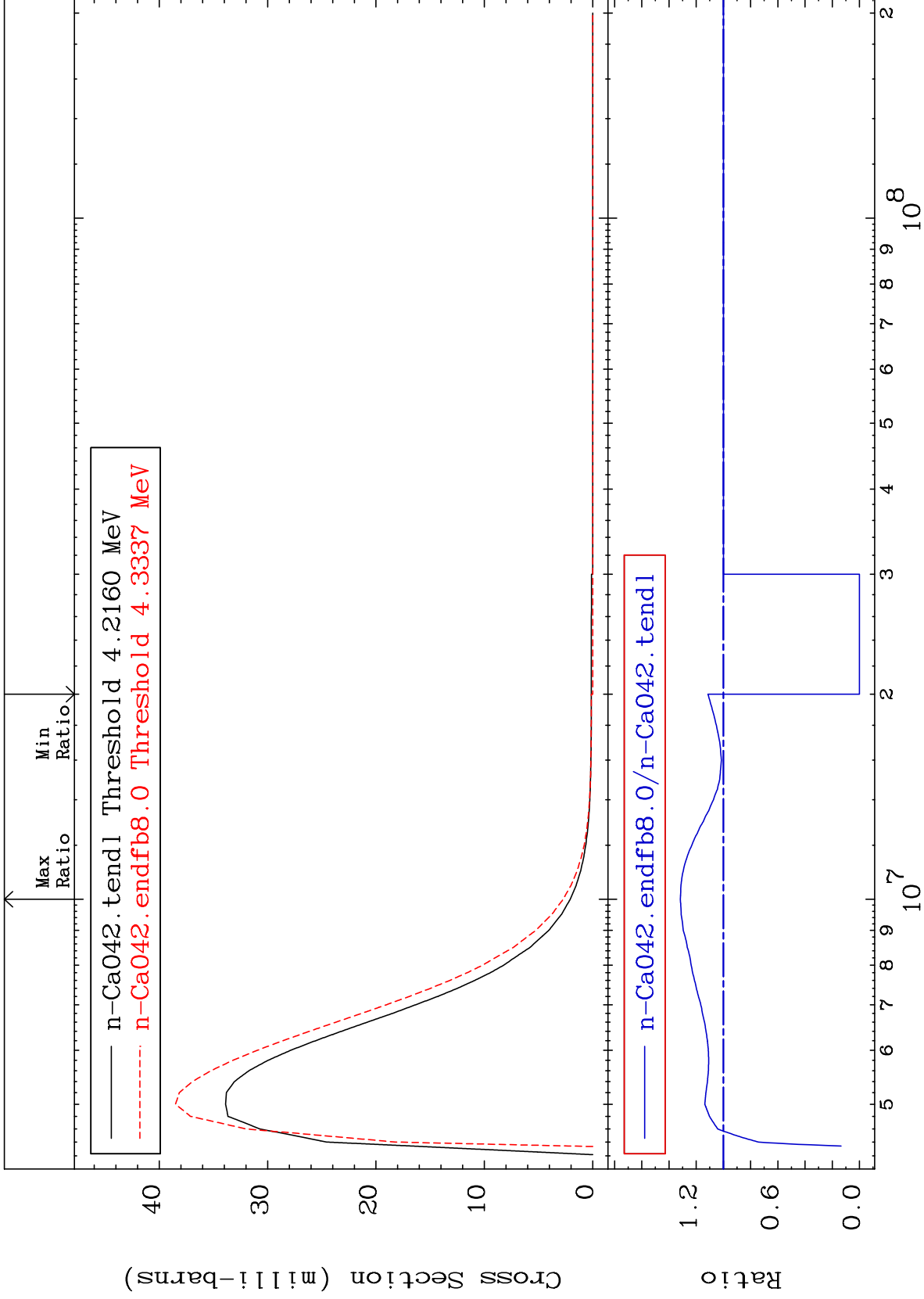
Incident Energy (eV)

20-Ca-42

MAT 2031

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

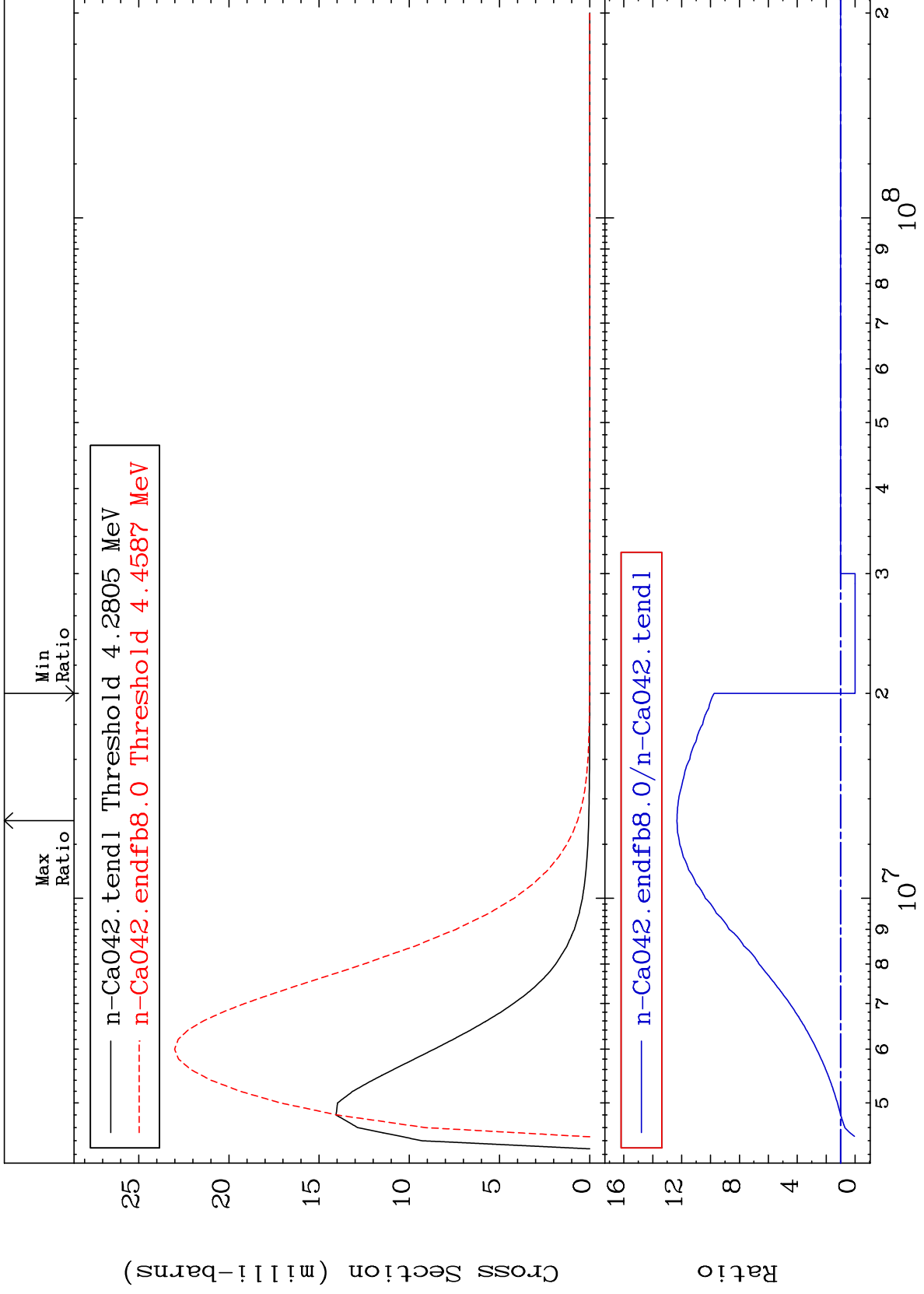
20-Ca-42
-100.0 To 31.62 %



MAT 2031

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

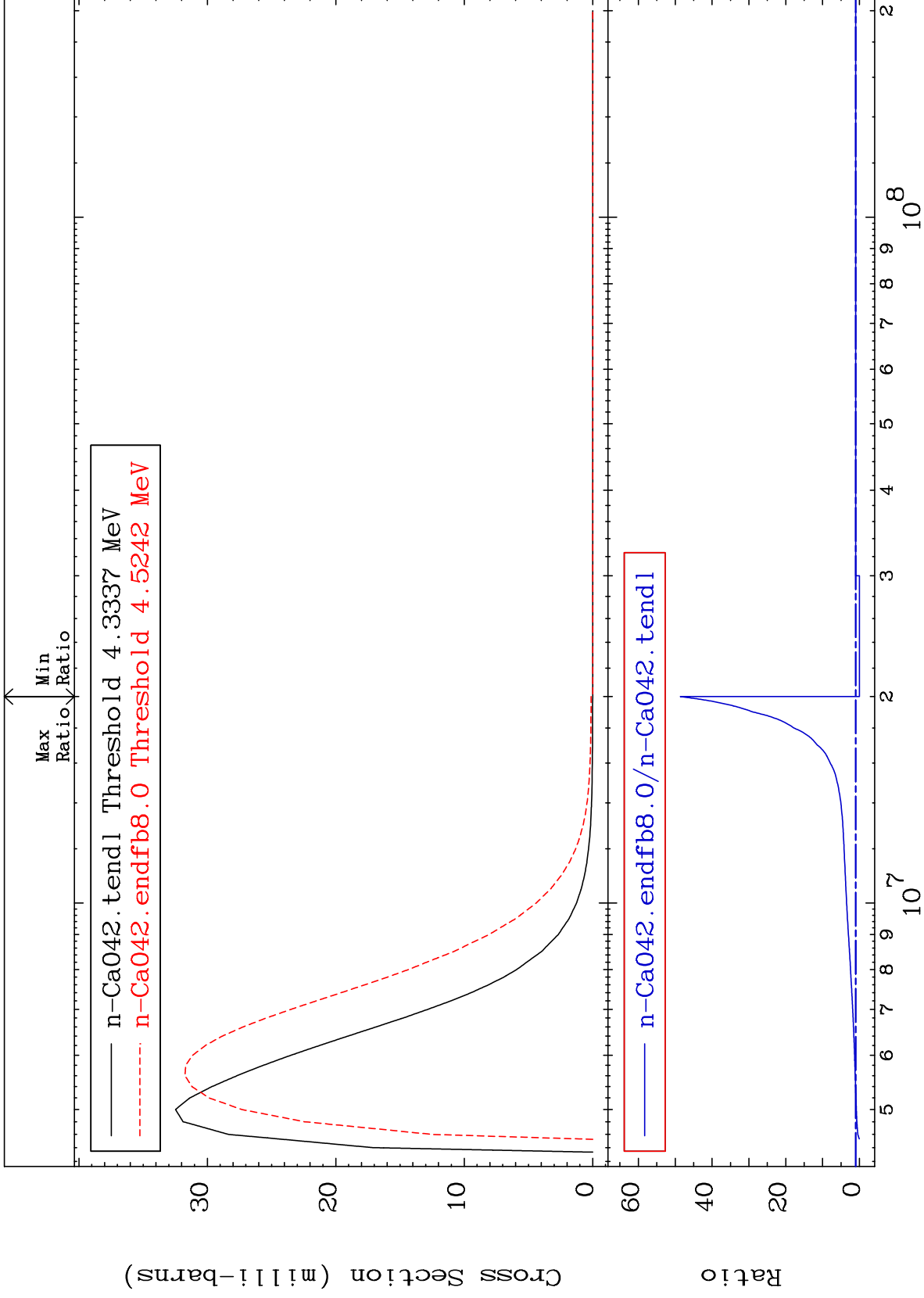
20-Ca-42
-100.0 To 1133. %



MAT 2031

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

20-Ca-42
-100.0 To 4760. %



28

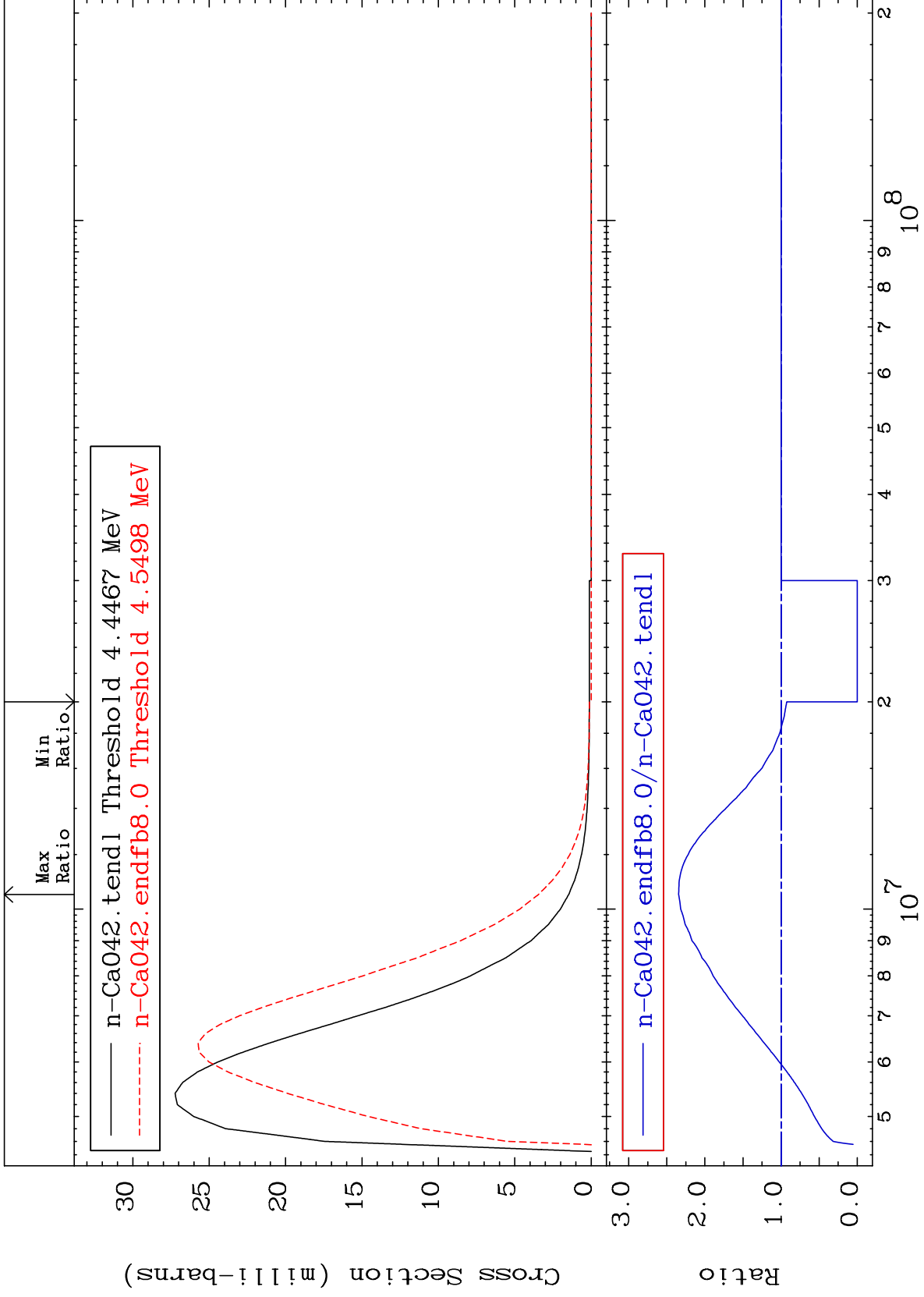
Incident Energy (eV)

20-Ca-42

MAT 2031

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

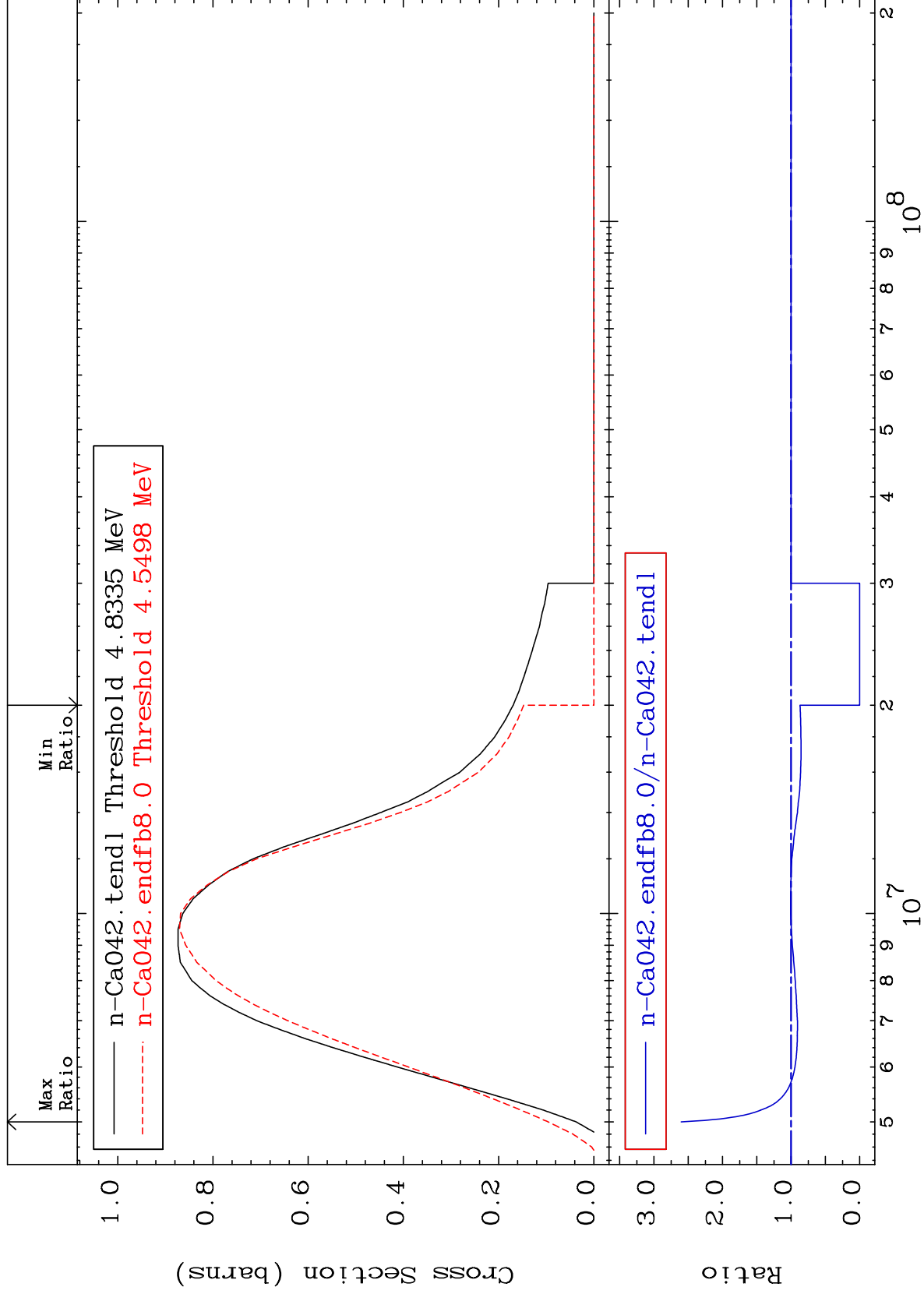
20-Ca-42
-100.0 To 134.4 %



29

Incident Energy (eV)

20-Ca-42



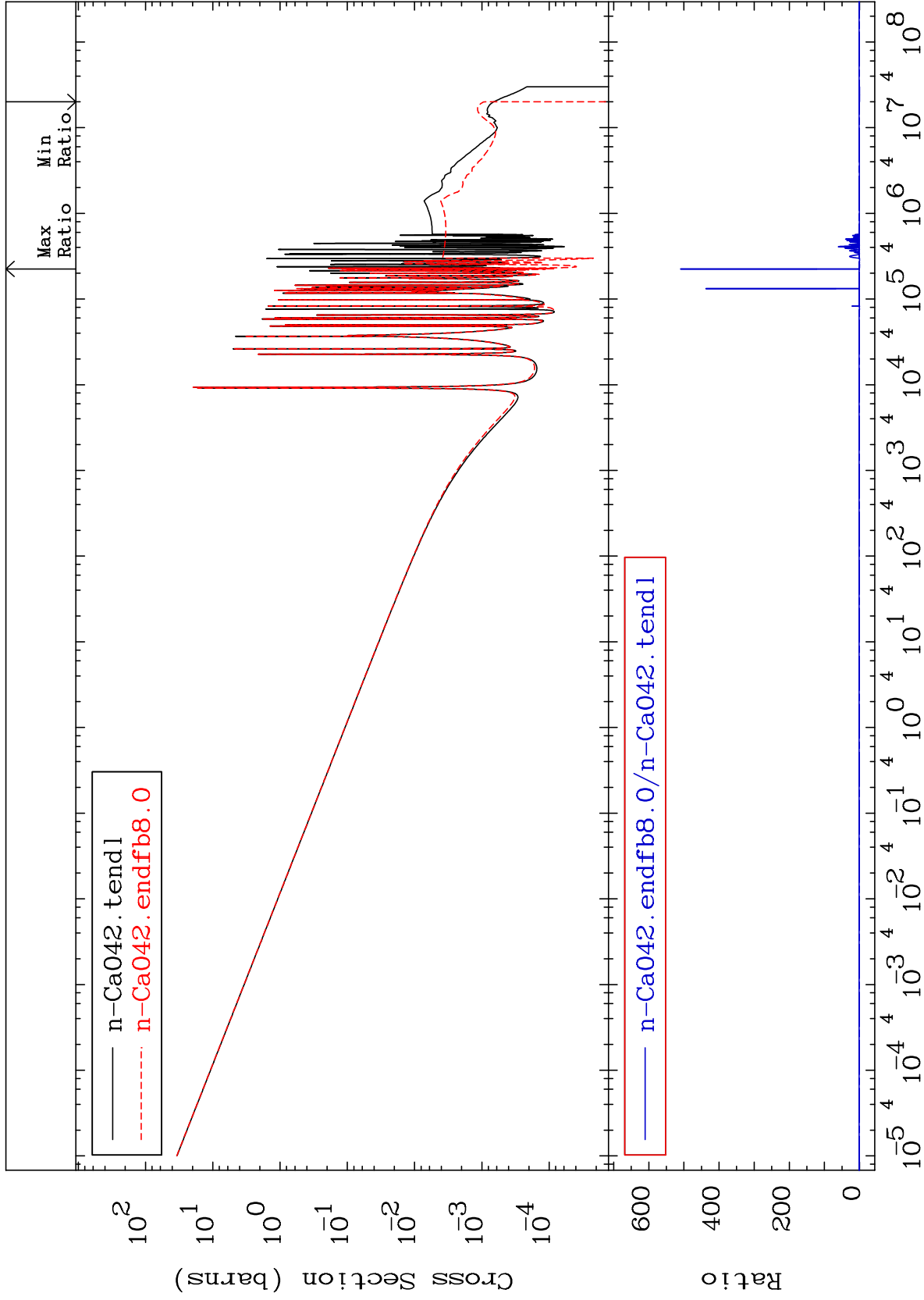
MAT 2031

(n, γ)

20-Ca-42

Cross Section

-100.0 To 9999. %



31

Incident Energy (eV)

20-Ca-42

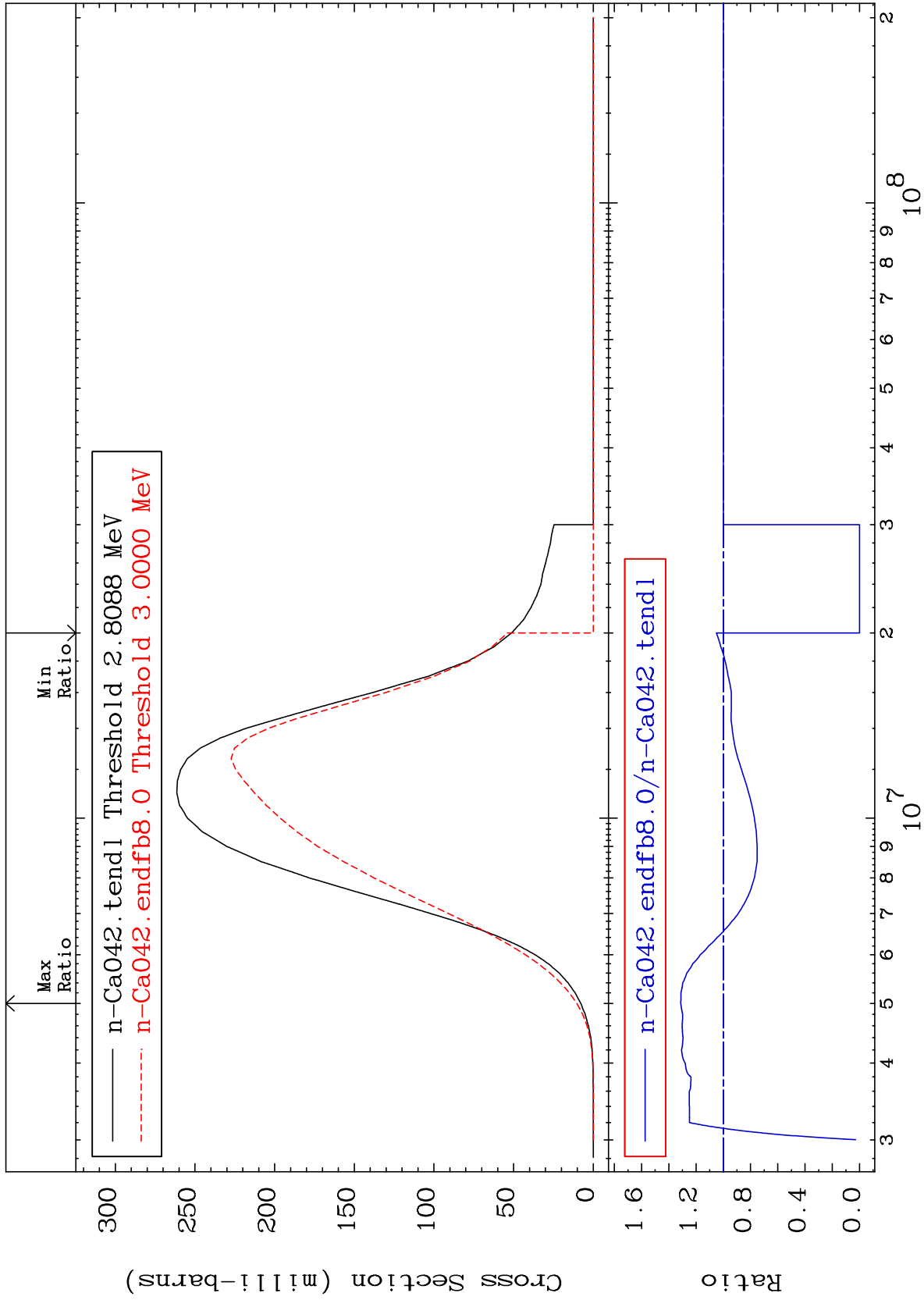
MAT 2031

(n,p)

20-Ca-42

Cross Section

-100.0 To 31.23 %



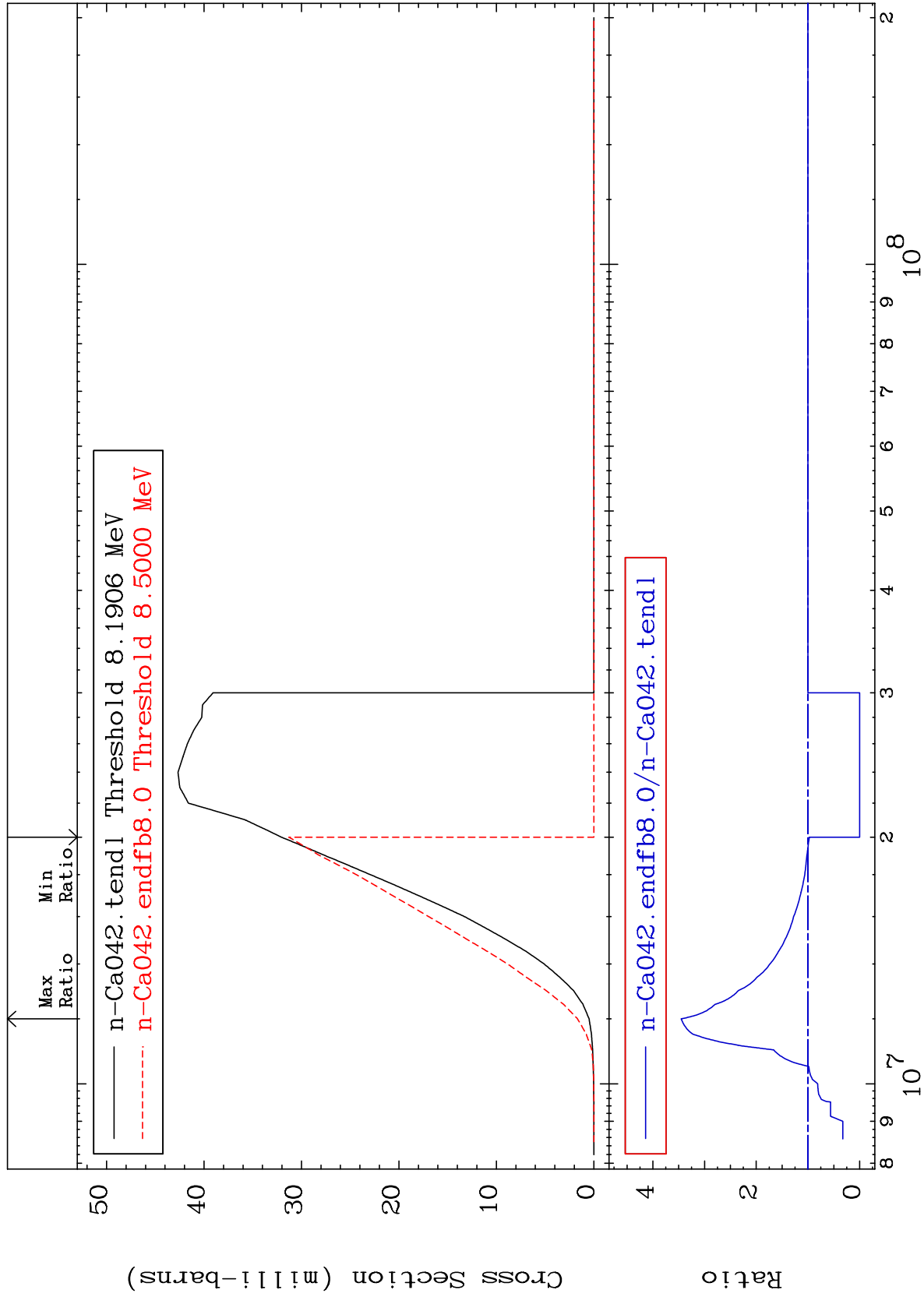
MAT 2031

(n, d)

20-Ca-42

Cross Section

-100.0 To 245.2 %



33

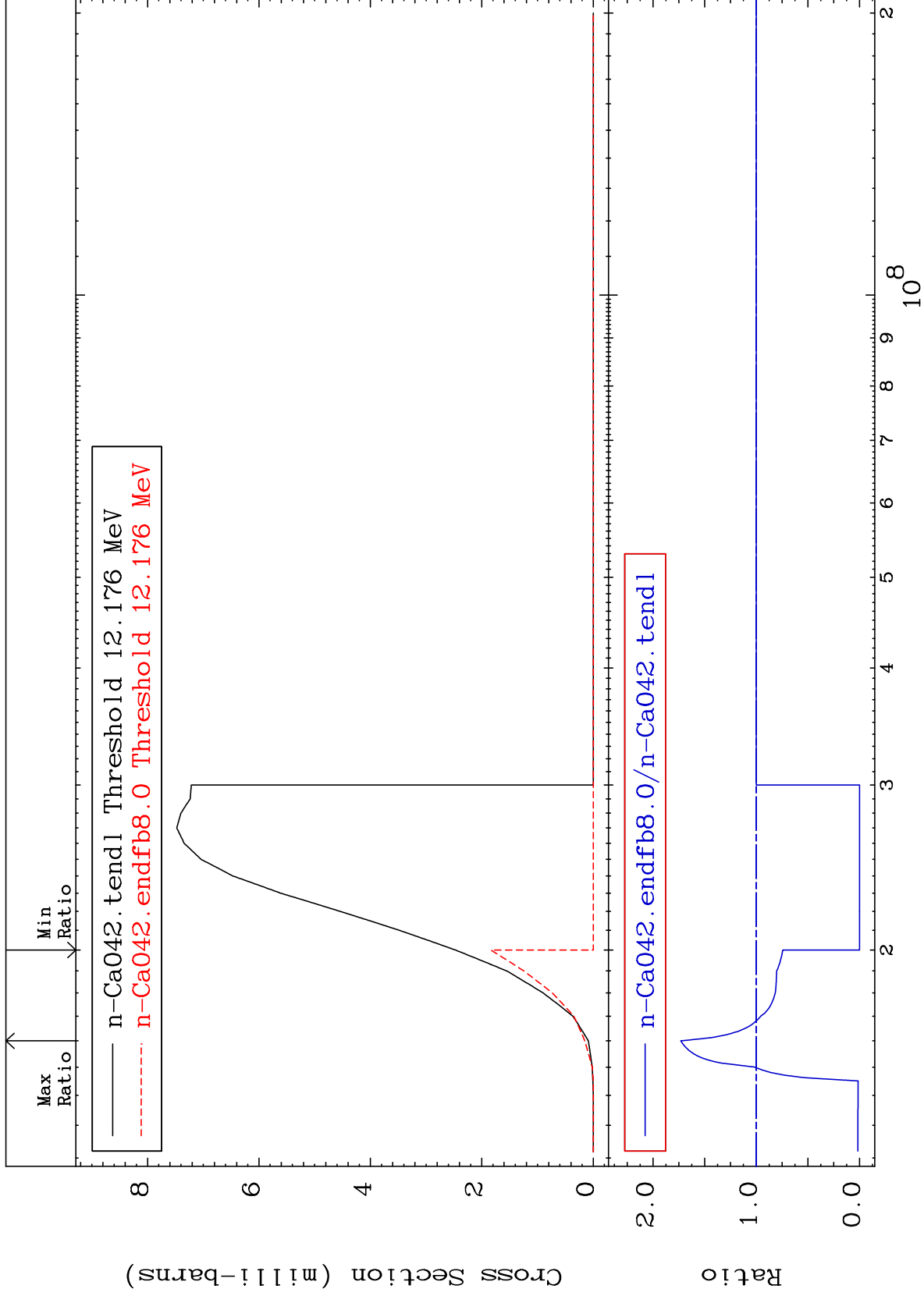
MAT 2031

(n, t)

20-Ca-42

Cross Section

-100.0 To 73.13 %



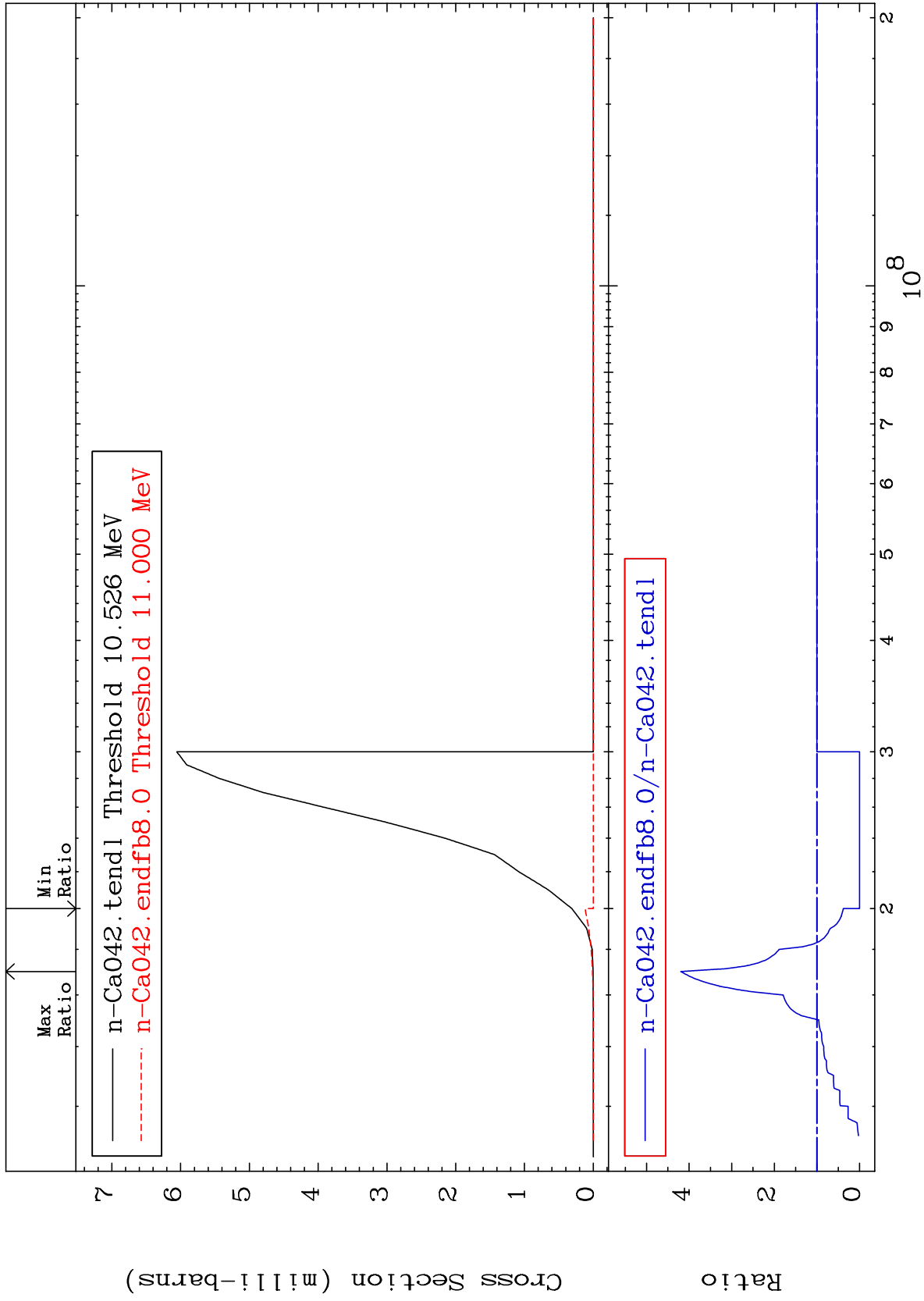
MAT 2031

(n, He-3)

20-Ca-42

Cross Section

-100.0 To 319.7 %



35

Incident Energy (eV)

20-Ca-42

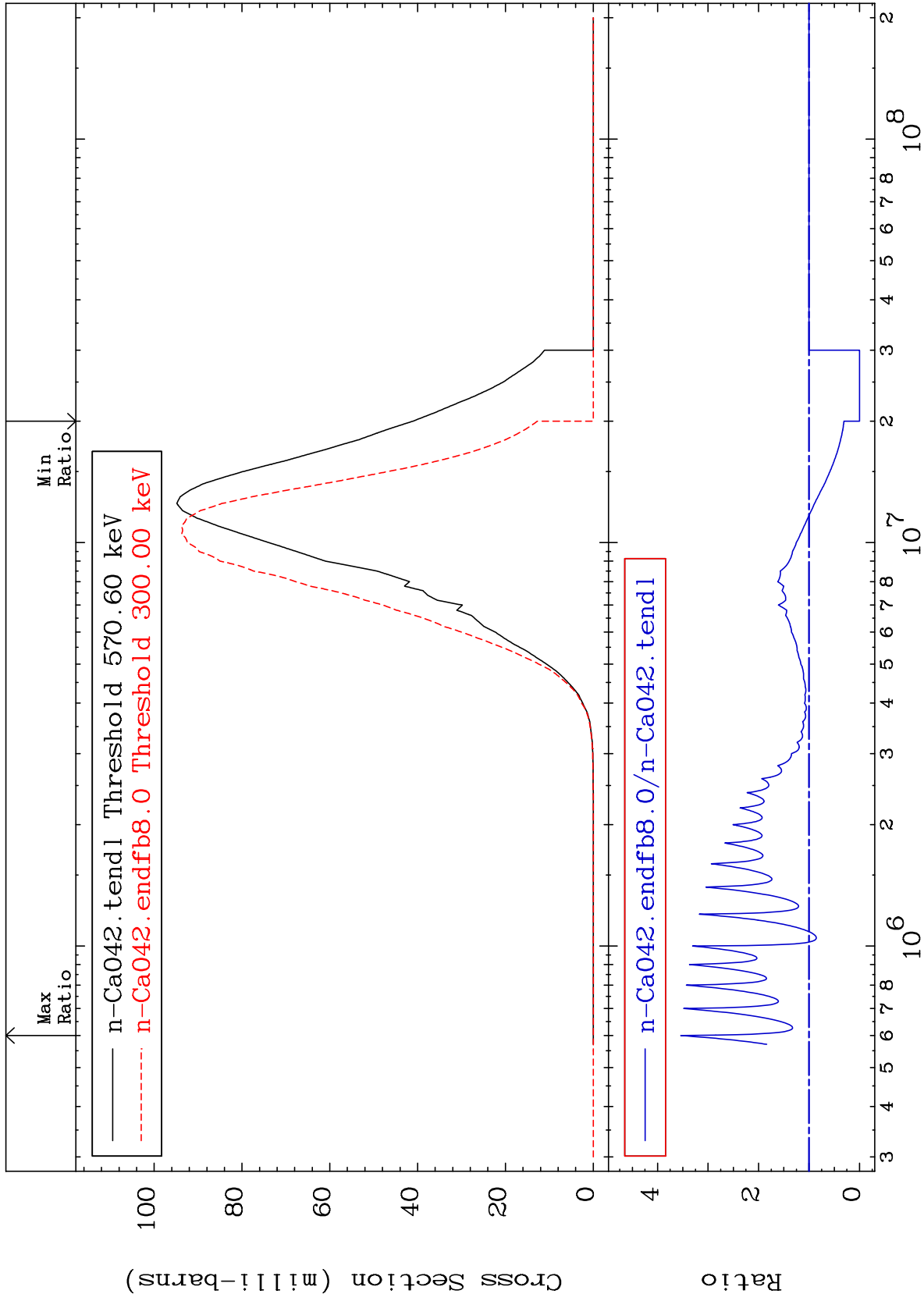
MAT 2031

(n, α)

20-Ca-42

Cross Section

-100.0 To 254.1 %



36

Incident Energy (eV)

20-Ca-42

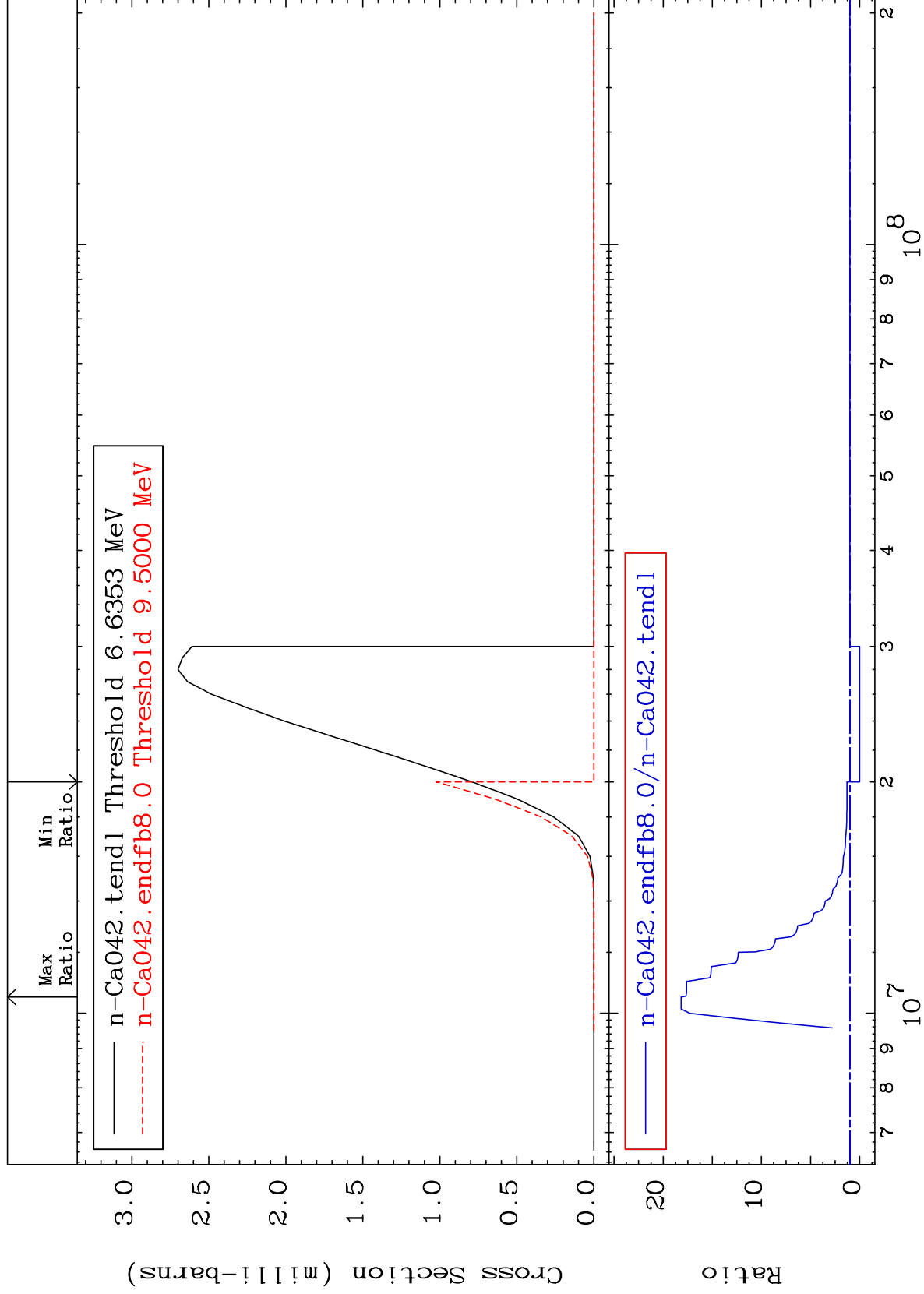
MAT 2031

(n,2α)

20-Ca-42

Cross Section

-100.0 To 1717. %



37

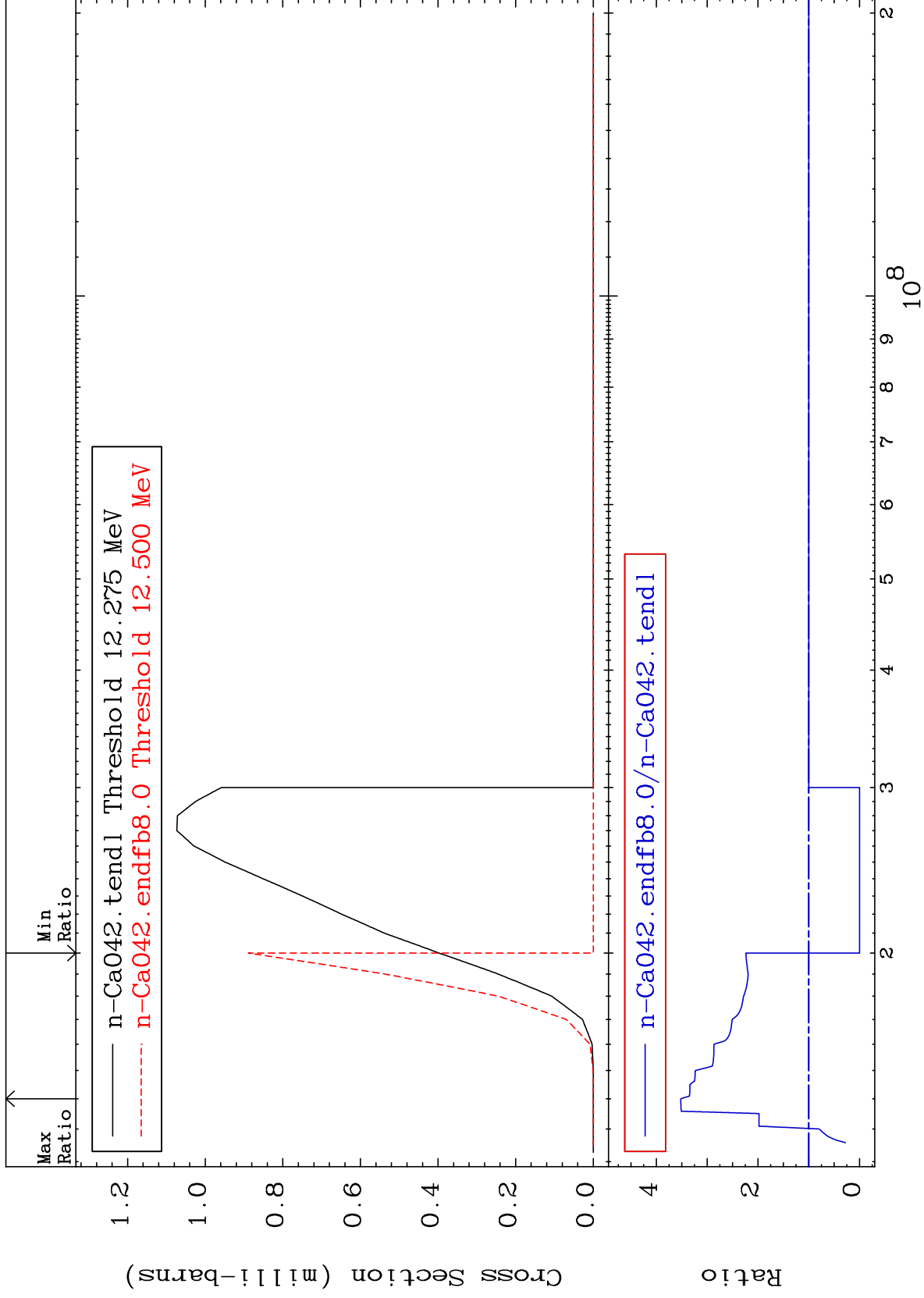
MAT 2031

(n,2p)

20-Ca-42

Cross Section

-100.0 To 251.8 %



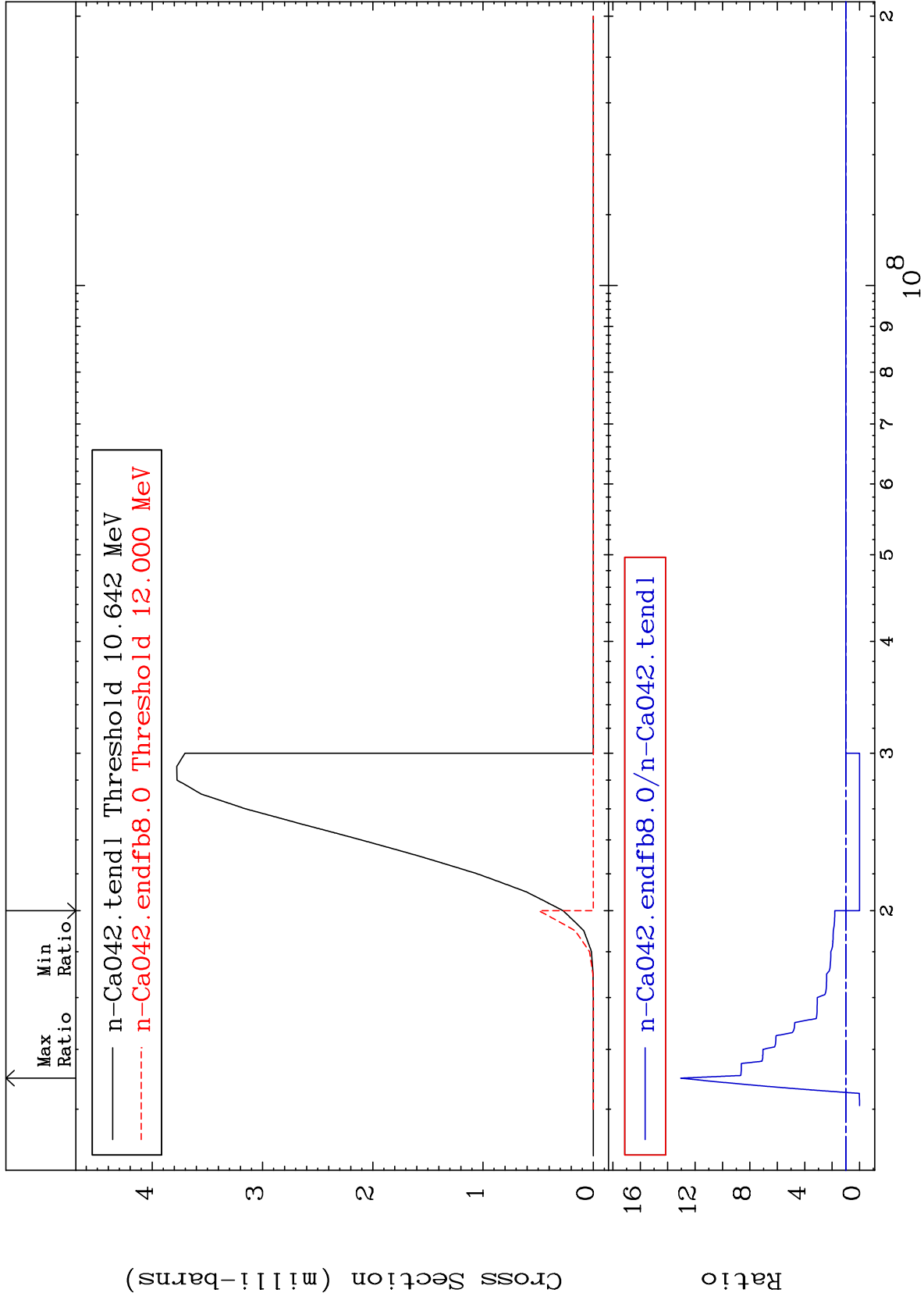
MAT 2031

(n, p) α

20-Ca-42

Cross Section

-100.0 To 1205. %



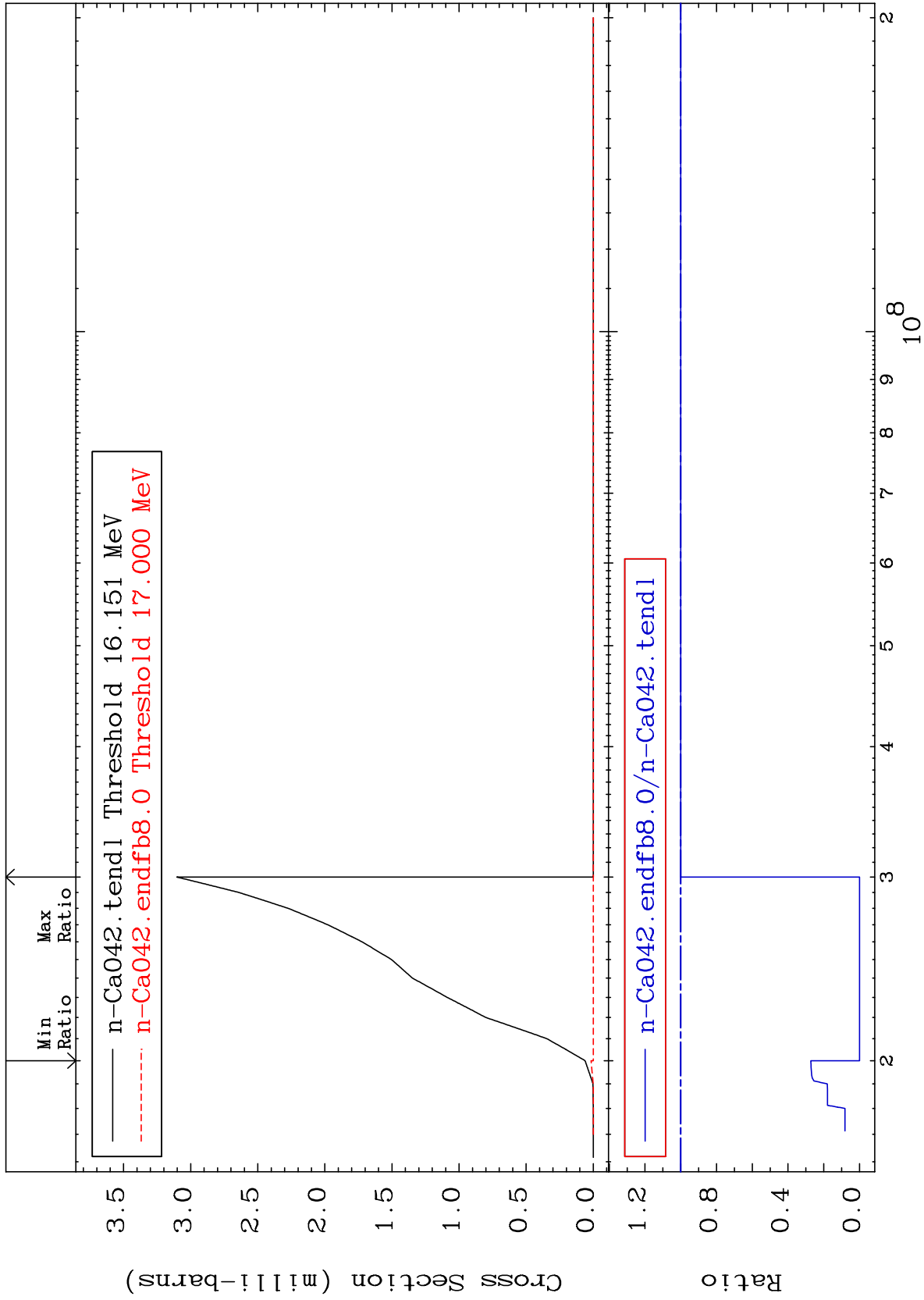
MAT 2031

(n, p) d

20-Ca-42

Cross Section

-100.0 To 0.000 %



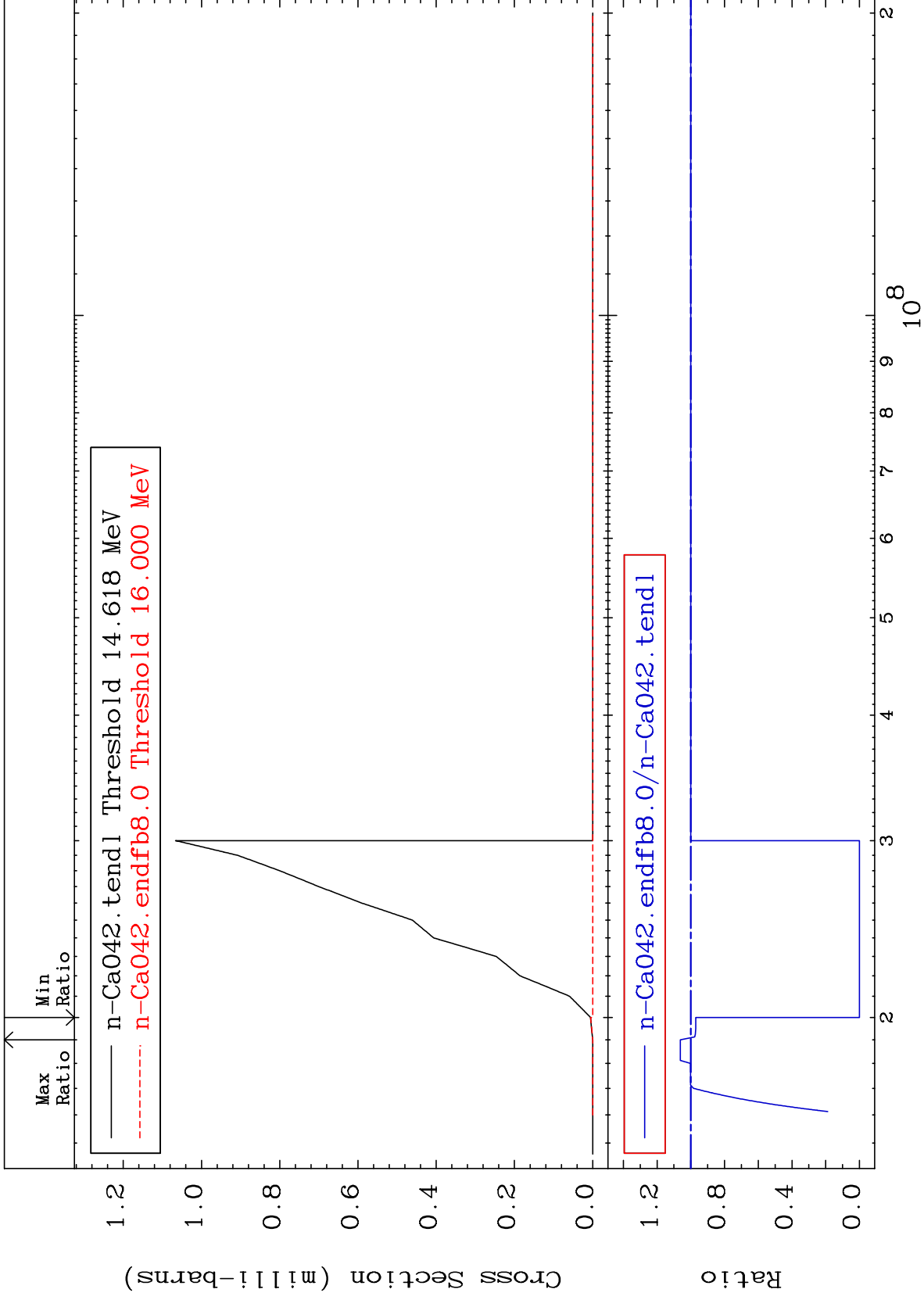
40

Incident Energy (eV)

20-Ca-42

Cross Section

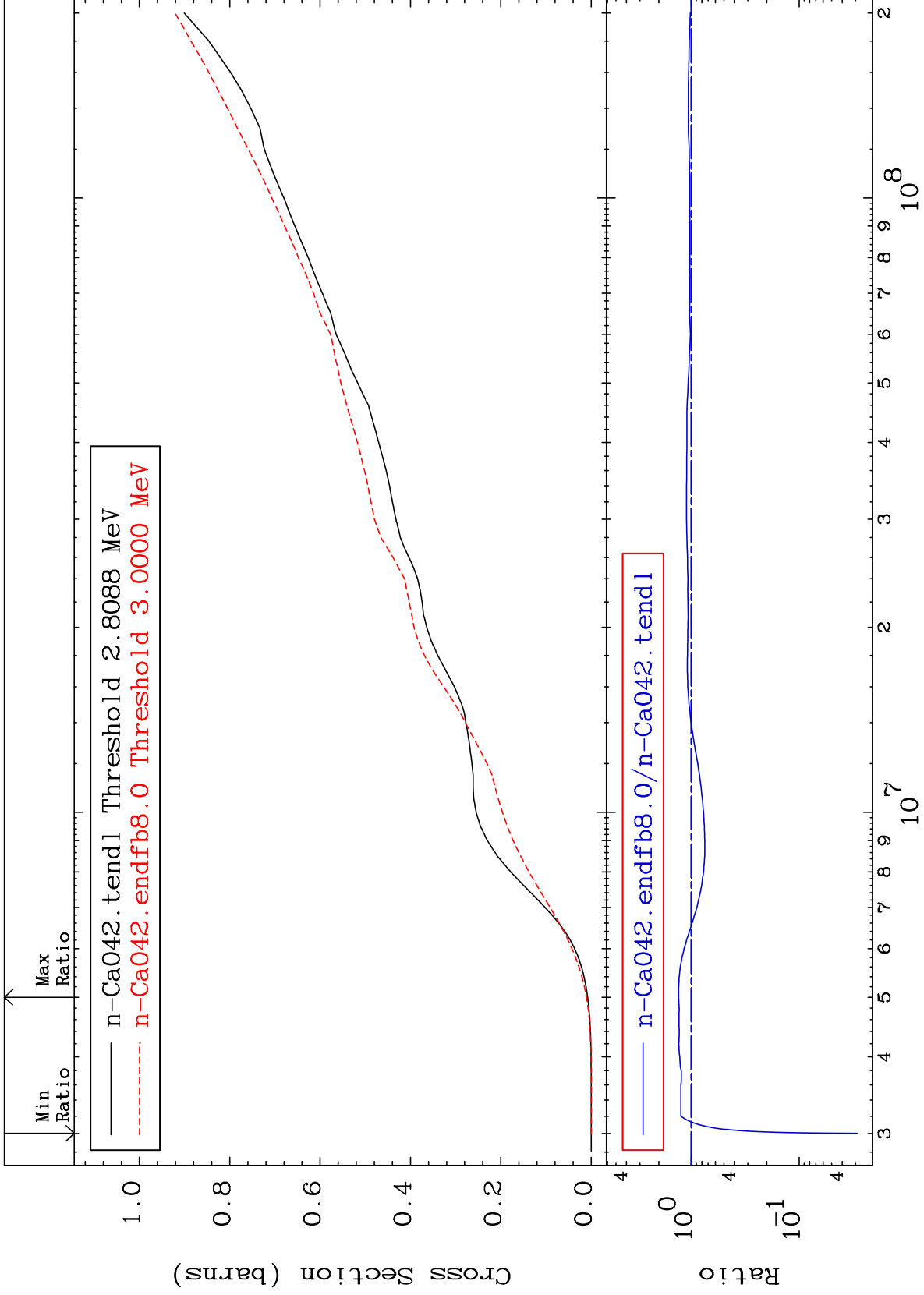
-100.0 To 6.190 %



MAT 2031

Hydrogen Production Cross Section

20-Ca-42
-97.10 To 31.23 %



42

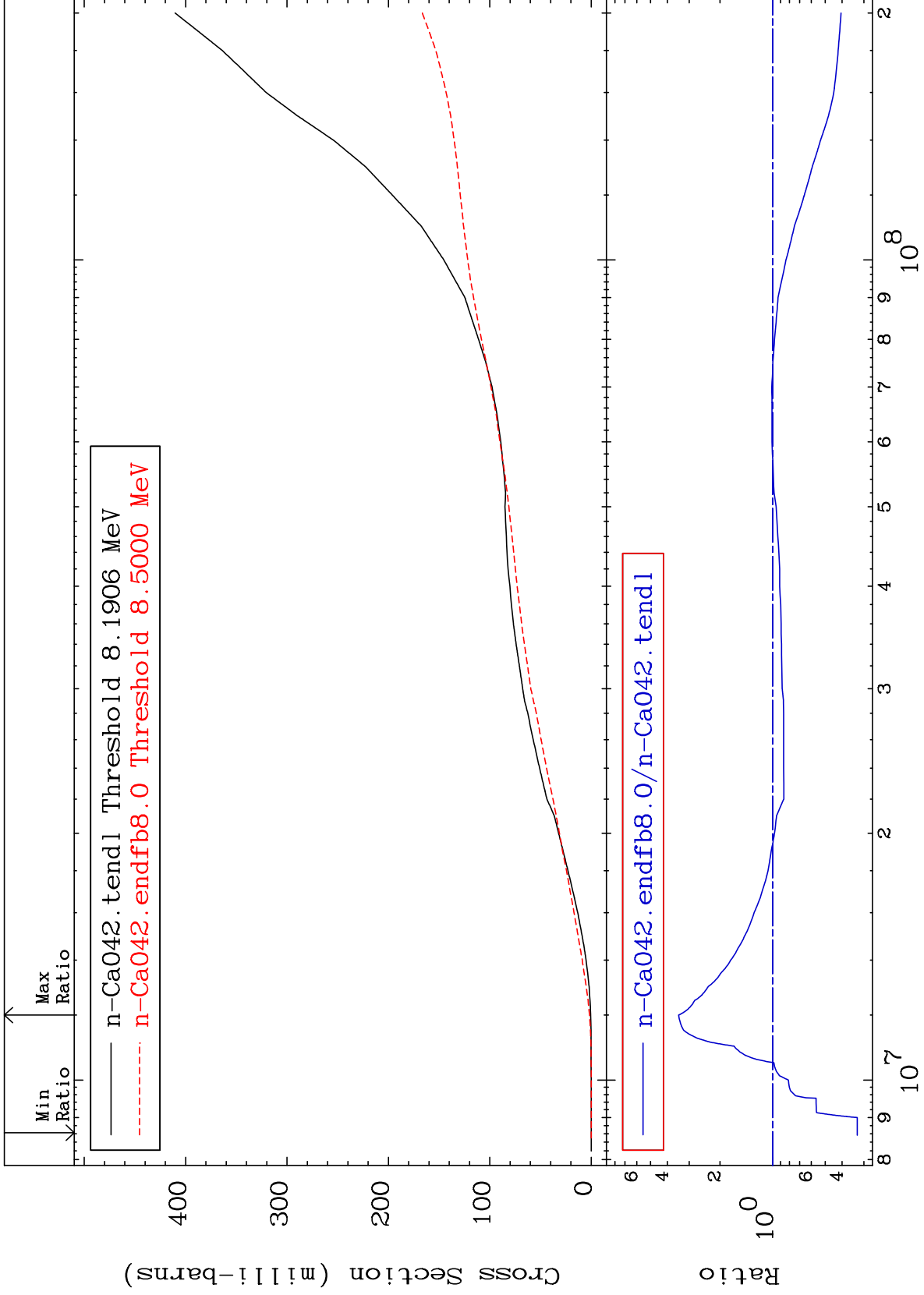
Incident Energy (eV)

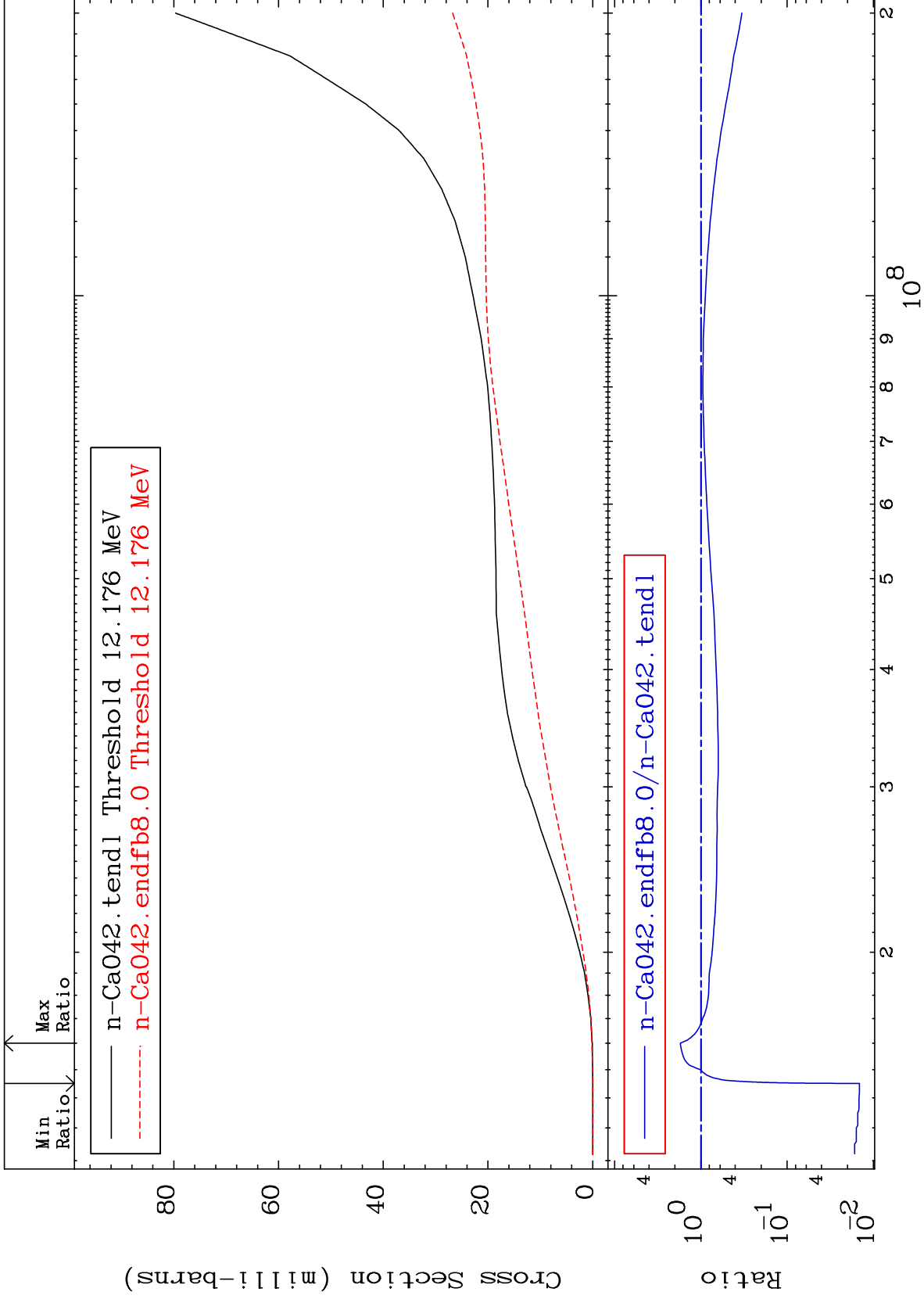
20-Ca-42

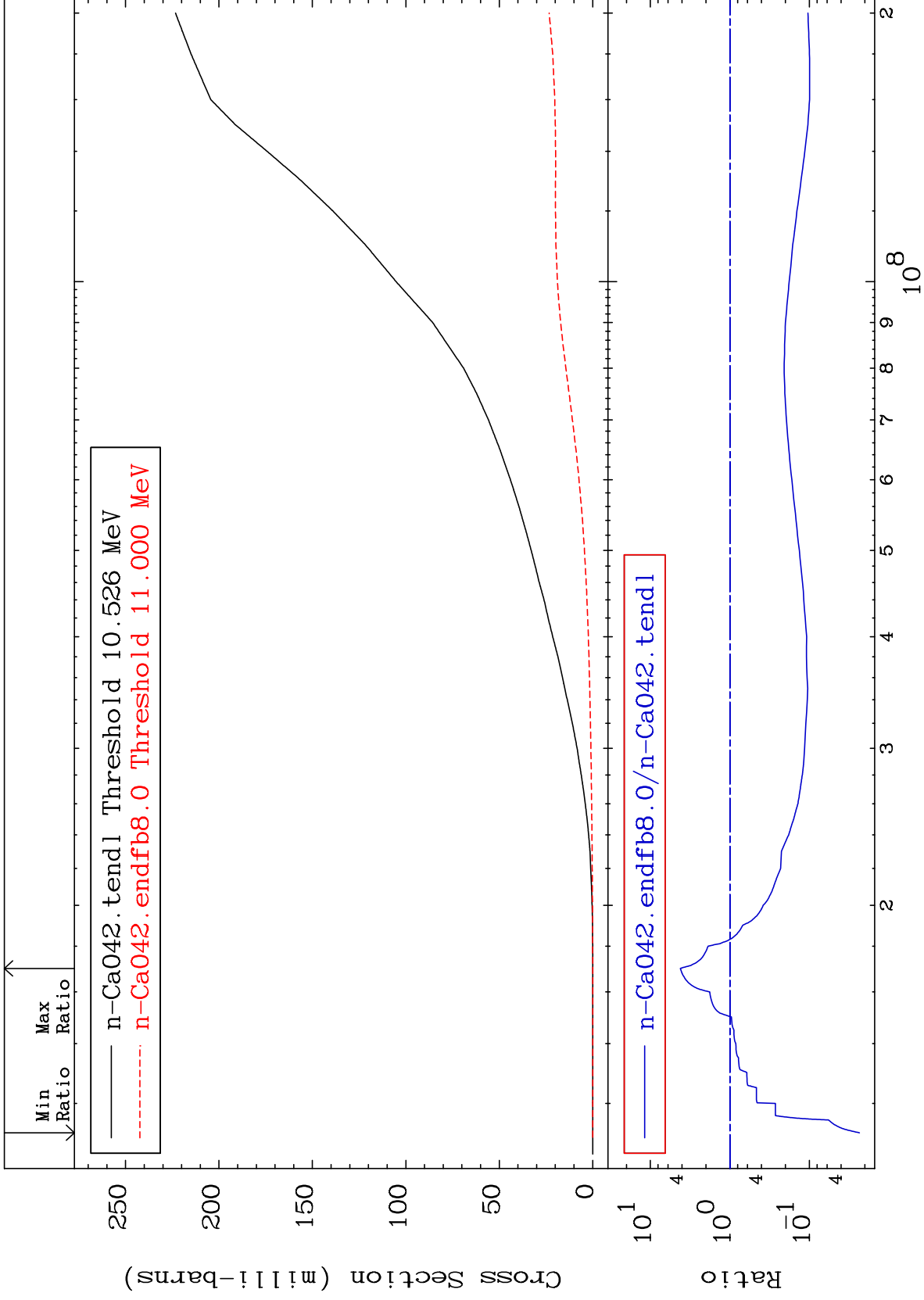
MAT 2031

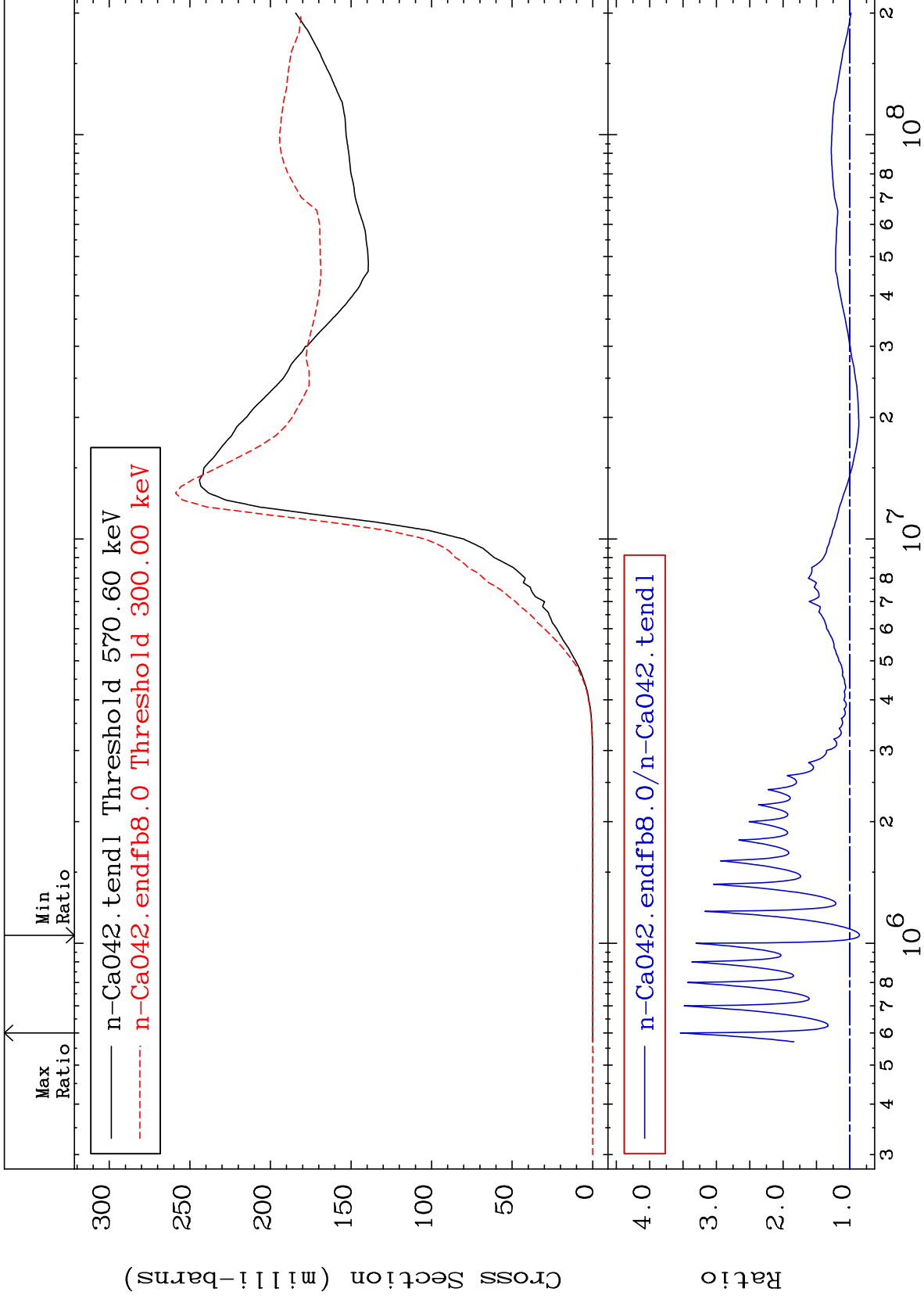
Deuterium Production
Cross Section

20-Ca-42
-67.25 To 245.2 %





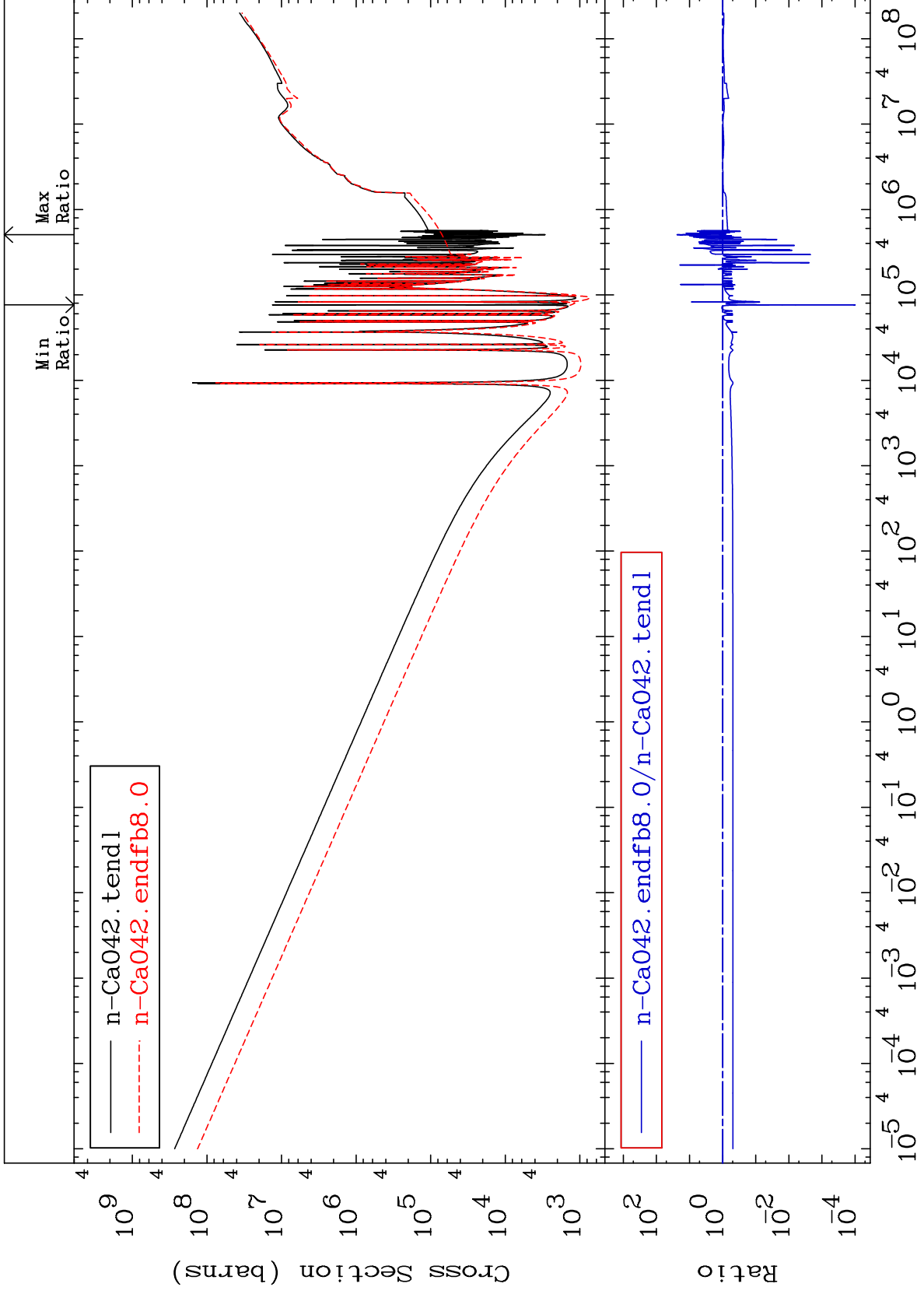




MAT 2031

Kerma total (eV-barns)
Cross Section

20-Ca-42
-99.99 To 2303. %



47

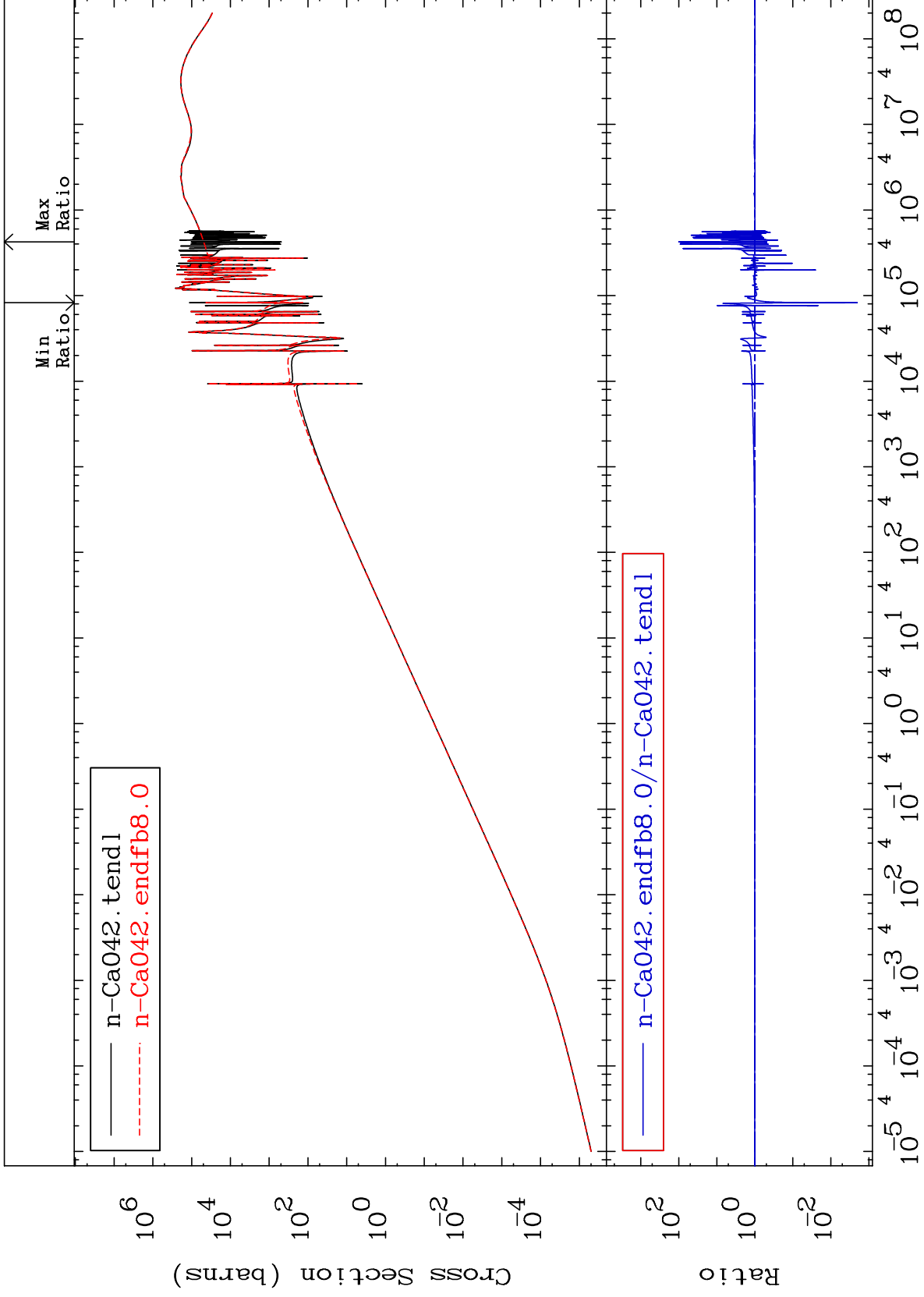
Incident Energy (eV)

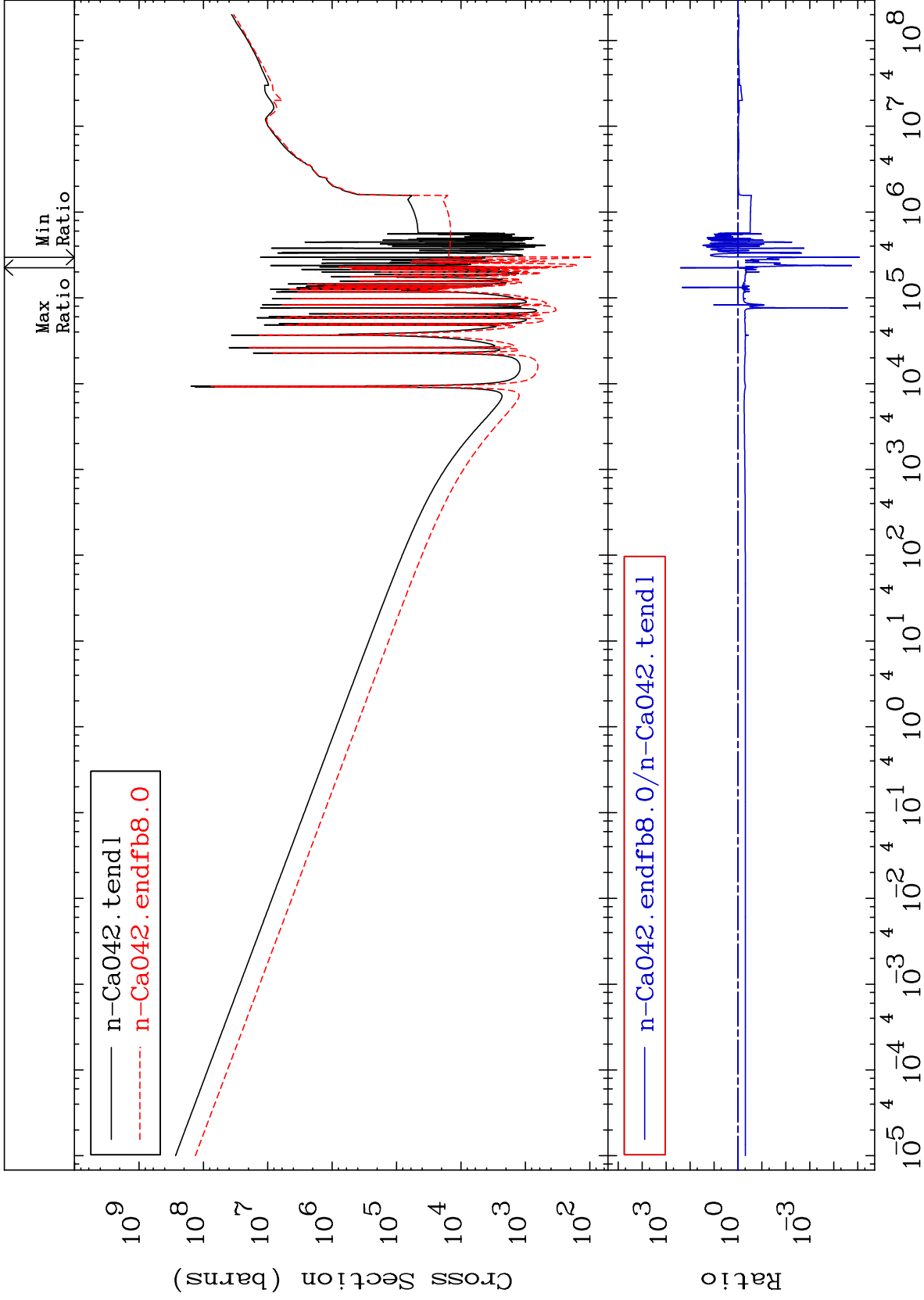
20-Ca-42

MAT 2031

Kerma elastic
Cross Section

20-Ca-42
-99.80 To 9999. %

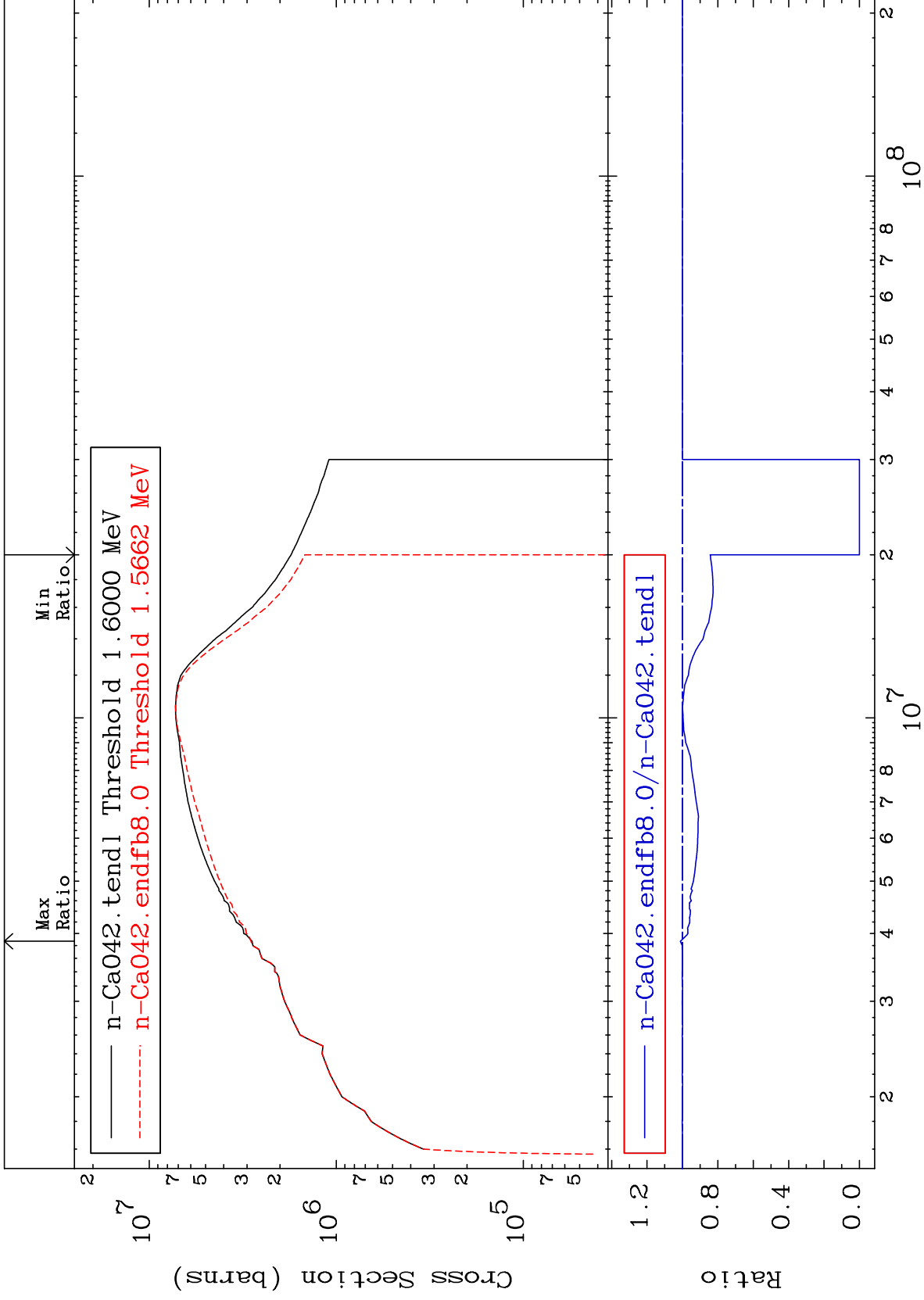




MAT 2031

Kerma inelastic (mt51-91)
Cross Section

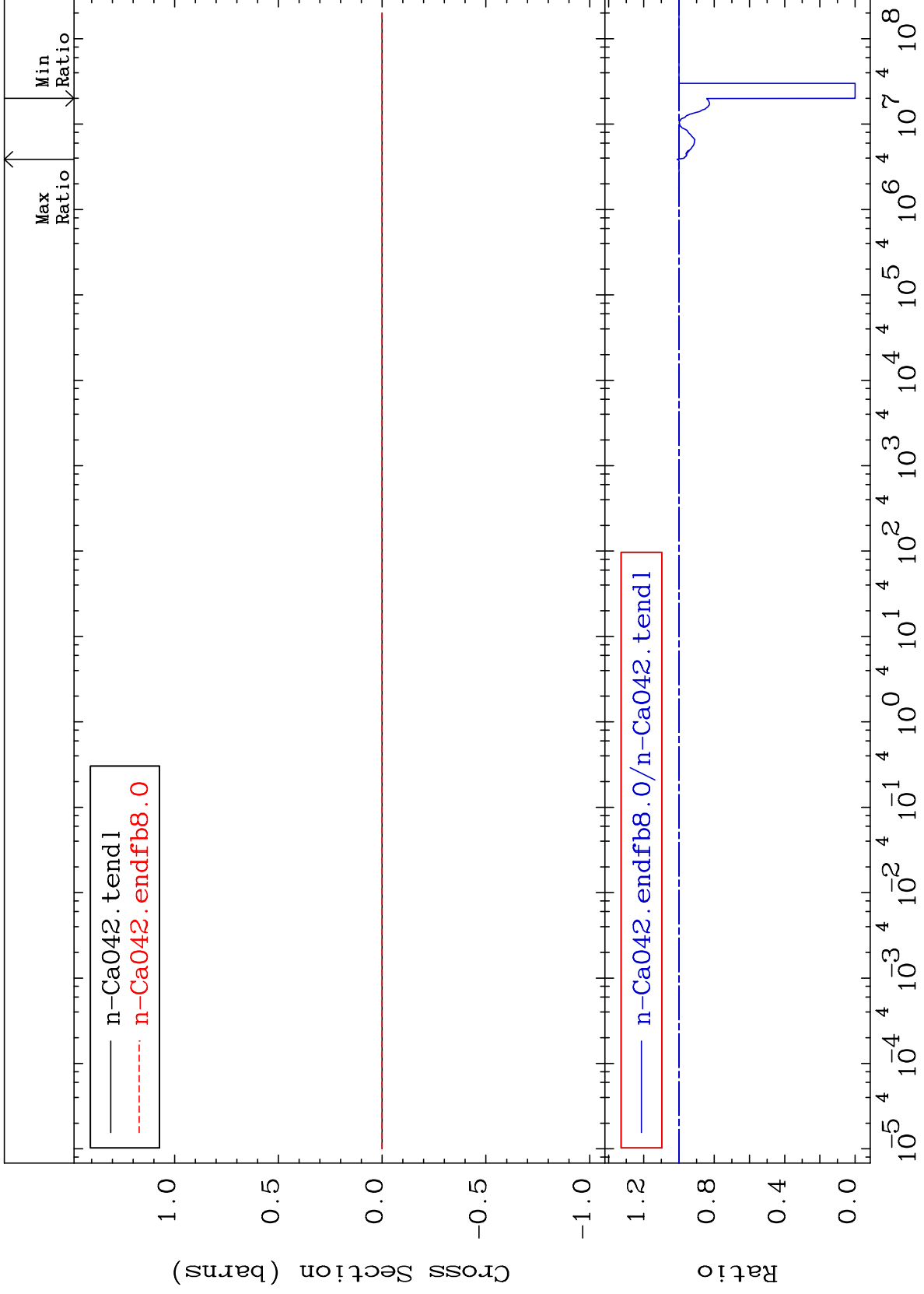
20-Ca-42
-100.0 To 1.181 %



MAT 2031

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

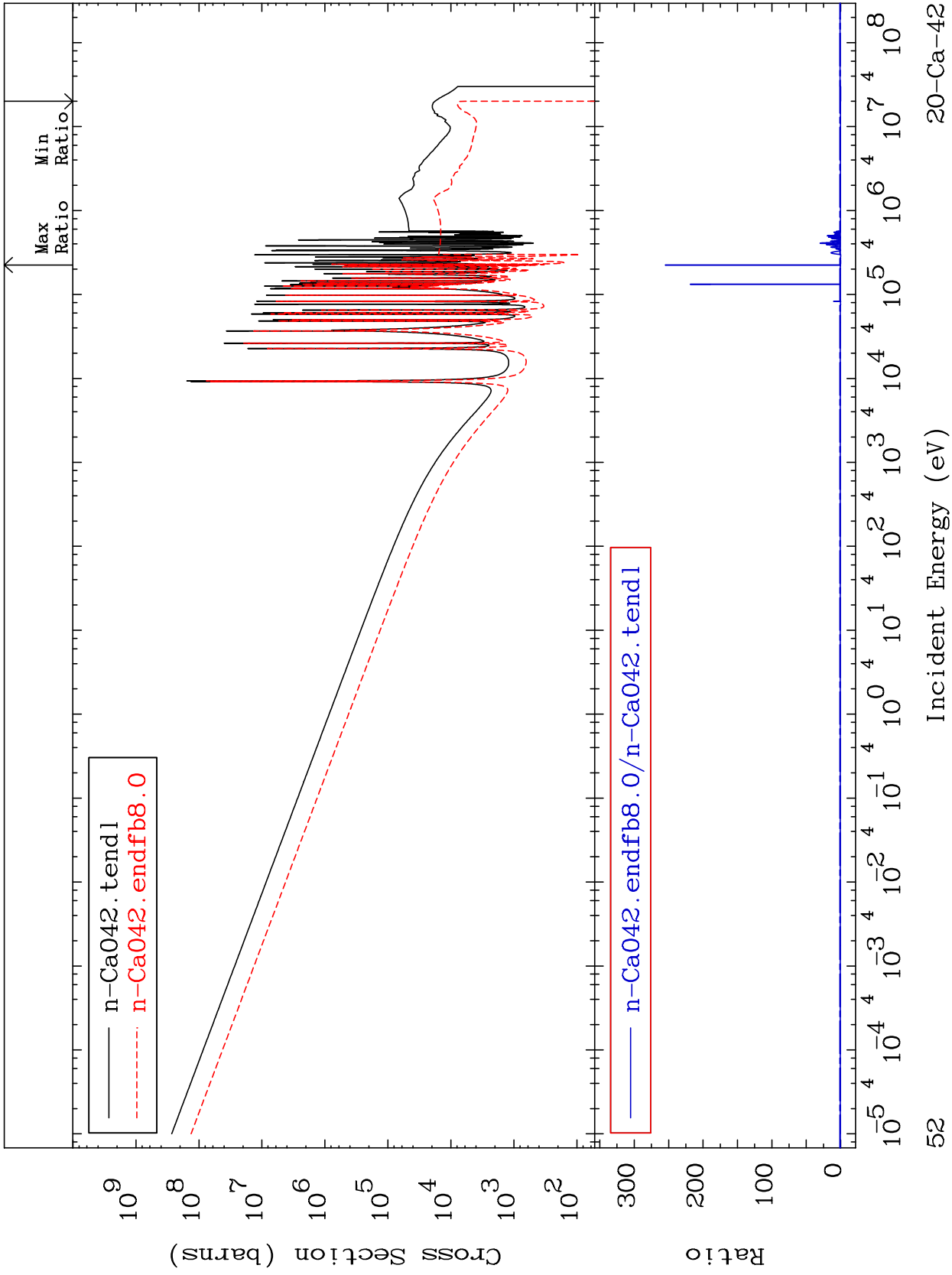
20-Ca-42
-100.0 To 1.181 %



MAT 2031

Kerma capture (mt102)
Cross Section

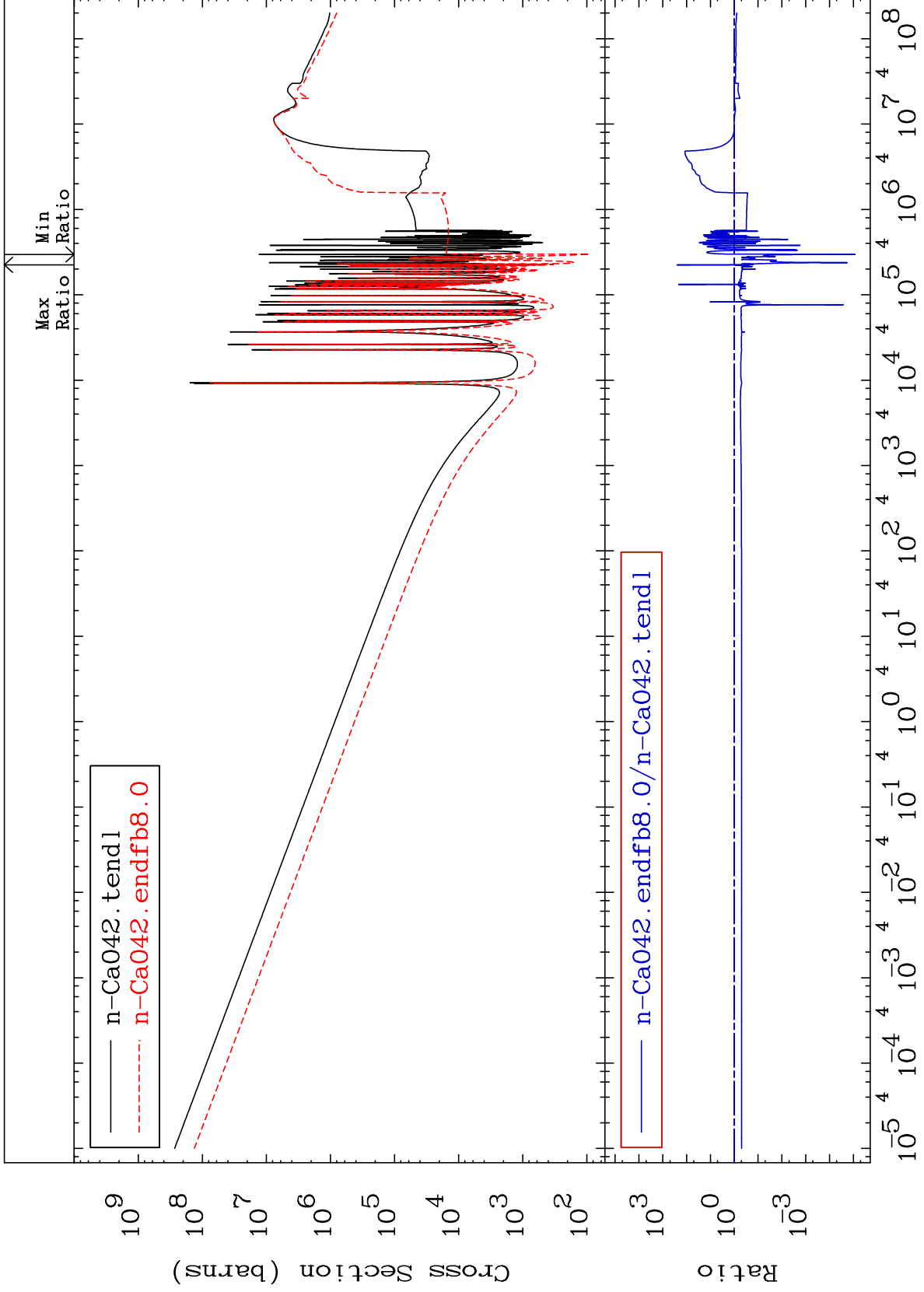
20-Ca-42
-100.0 To 9999. %

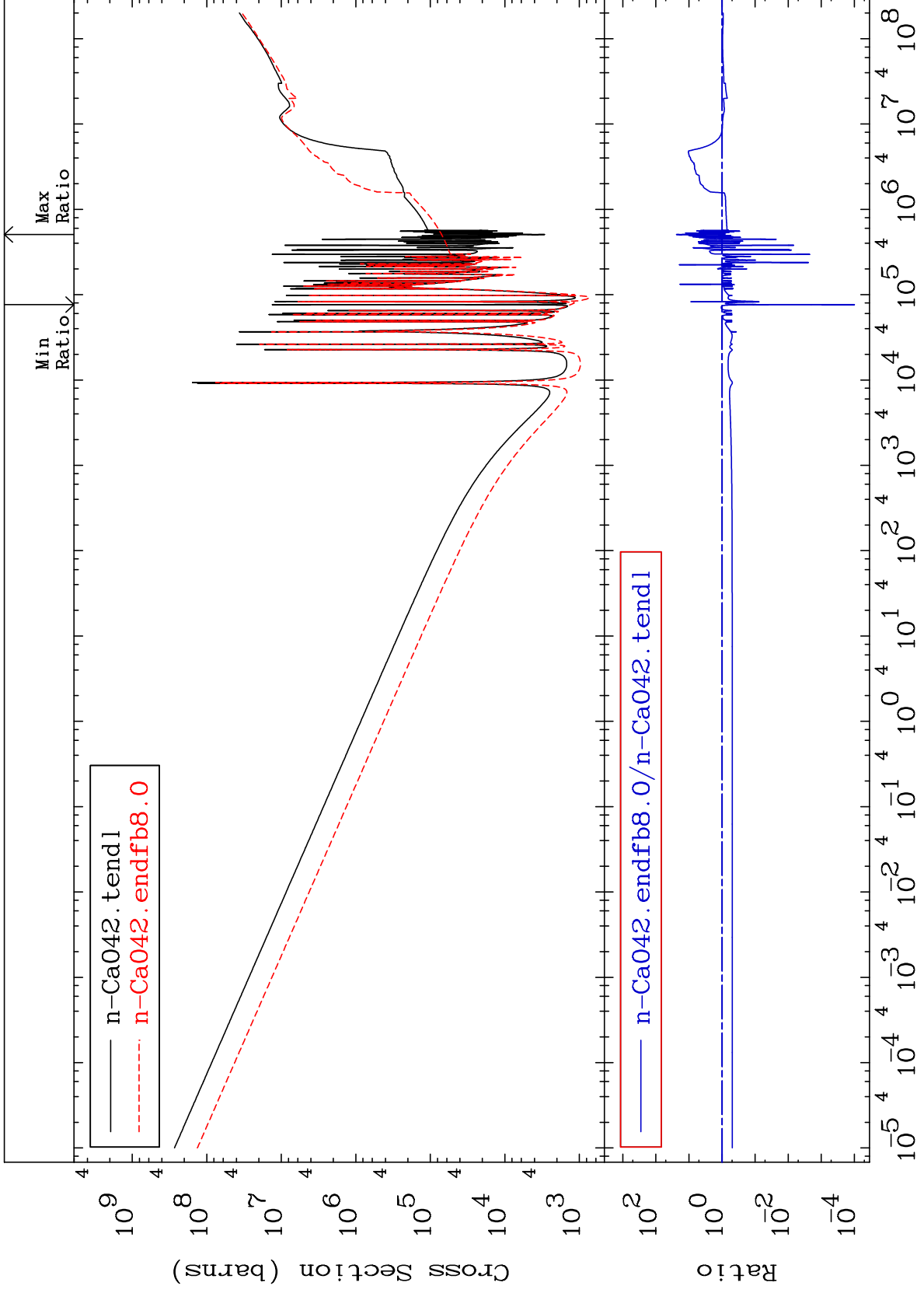


MAT 2031

Total photon (eV-barns)
Cross Section

20-Ca-42
-100.0 To 9999. %

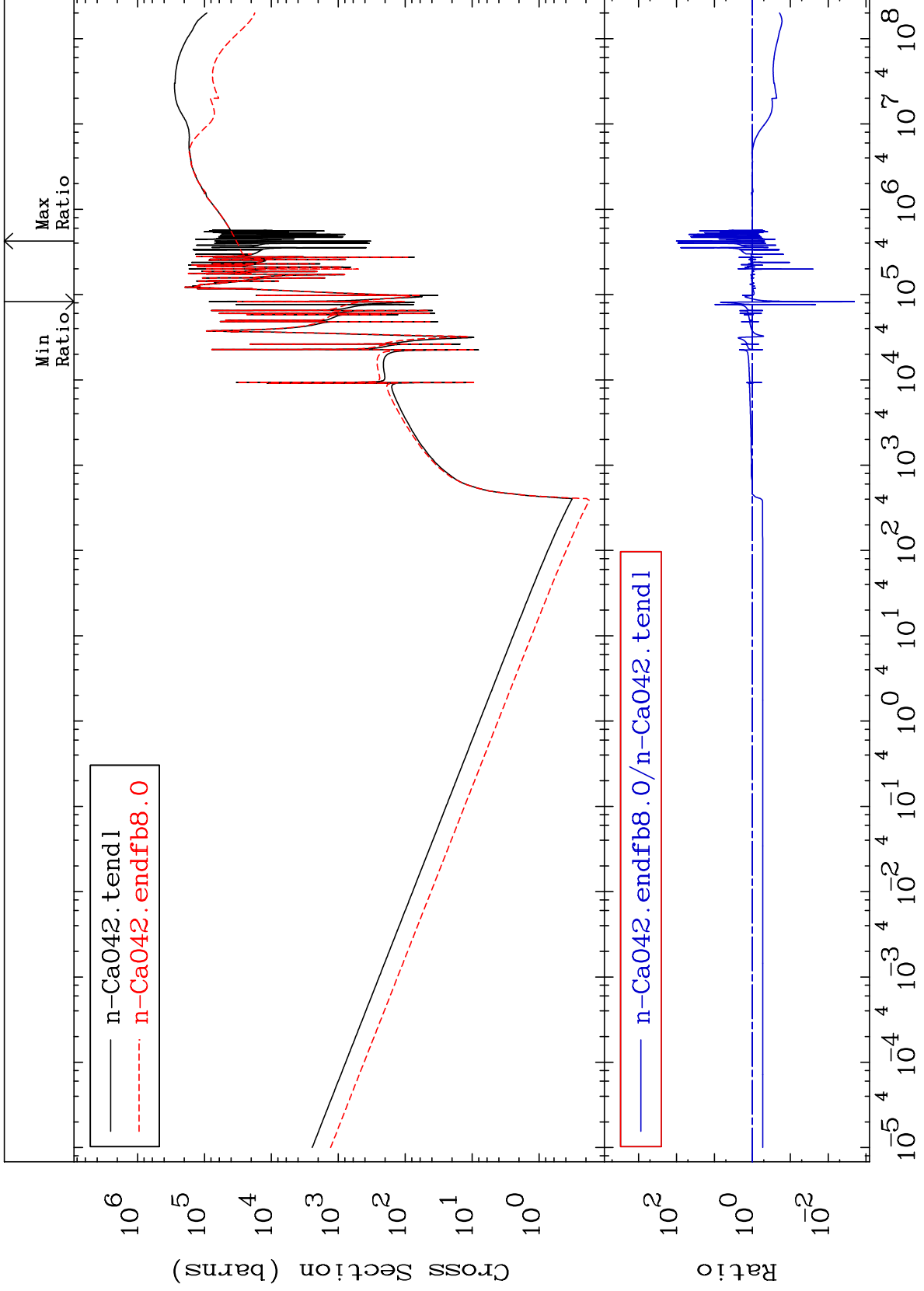


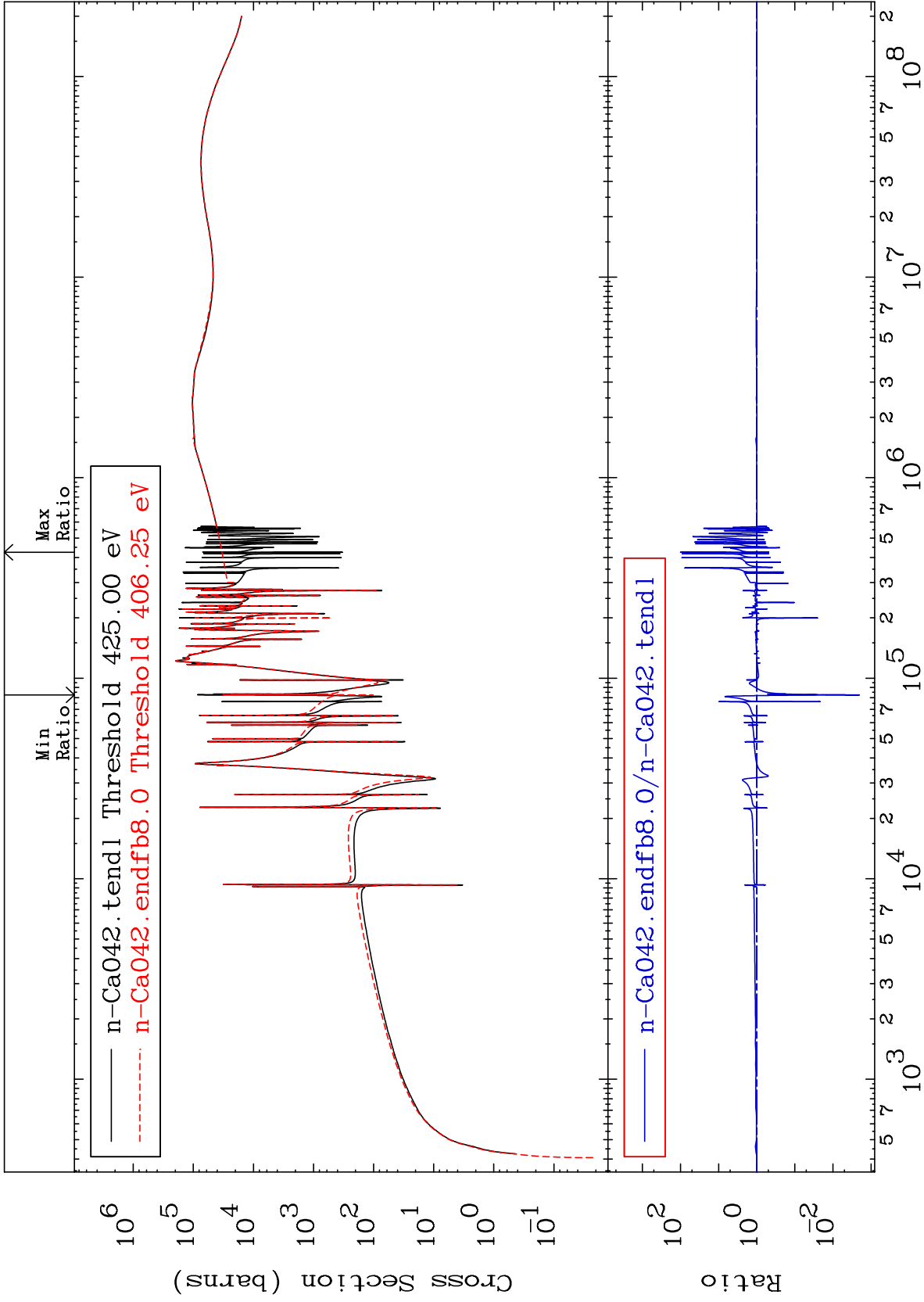


MAT 2031

Dpa total (eV-barns)
Cross Section

20-Ca-42
-99.80 To 9997. %

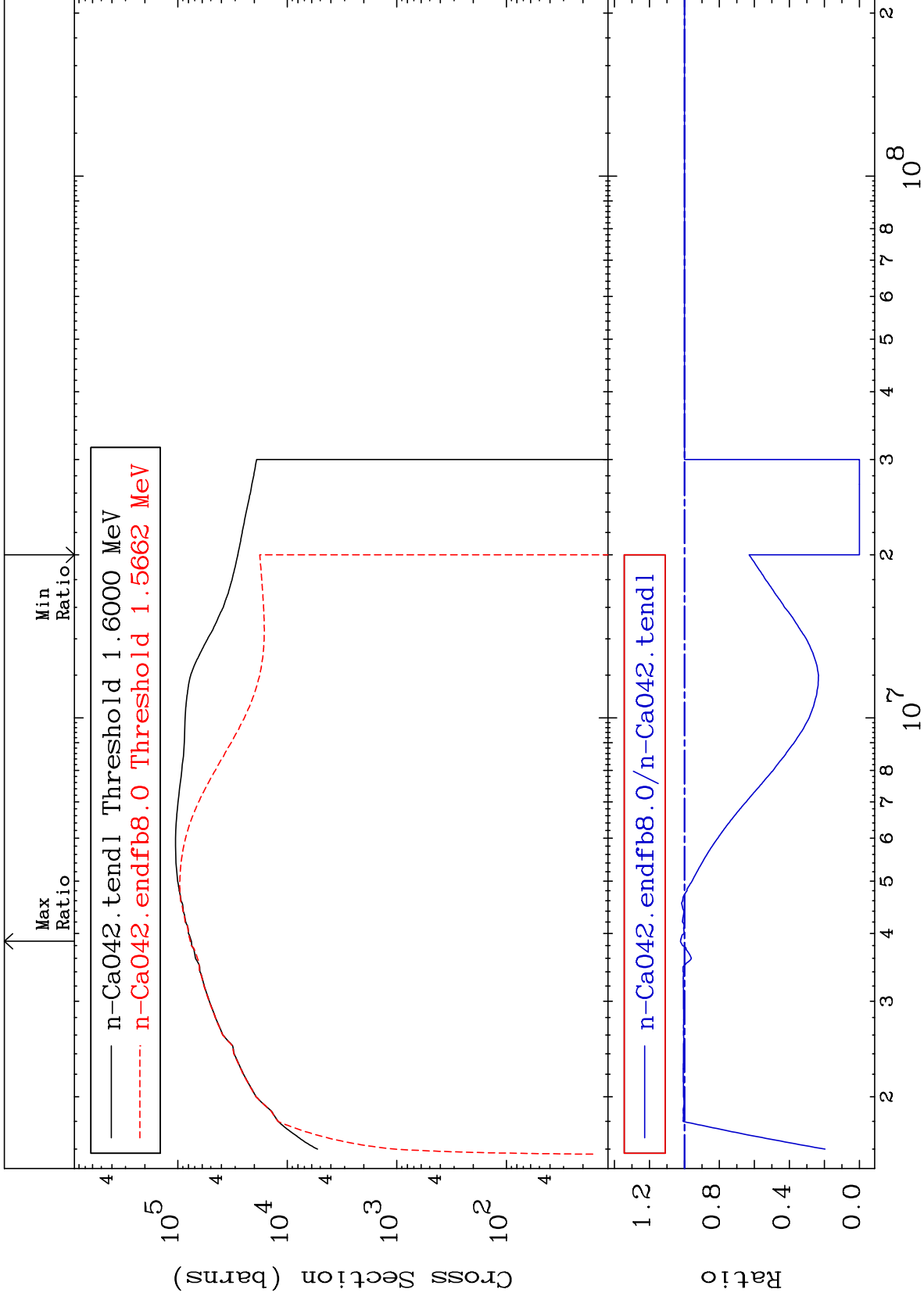




MAT 2031

Dpa inelastic (mt51-91)
Cross Section

20-Ca-42
-100.0 To 2.308 %



MAT 2031

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-42
-100.0 To 9999. %

