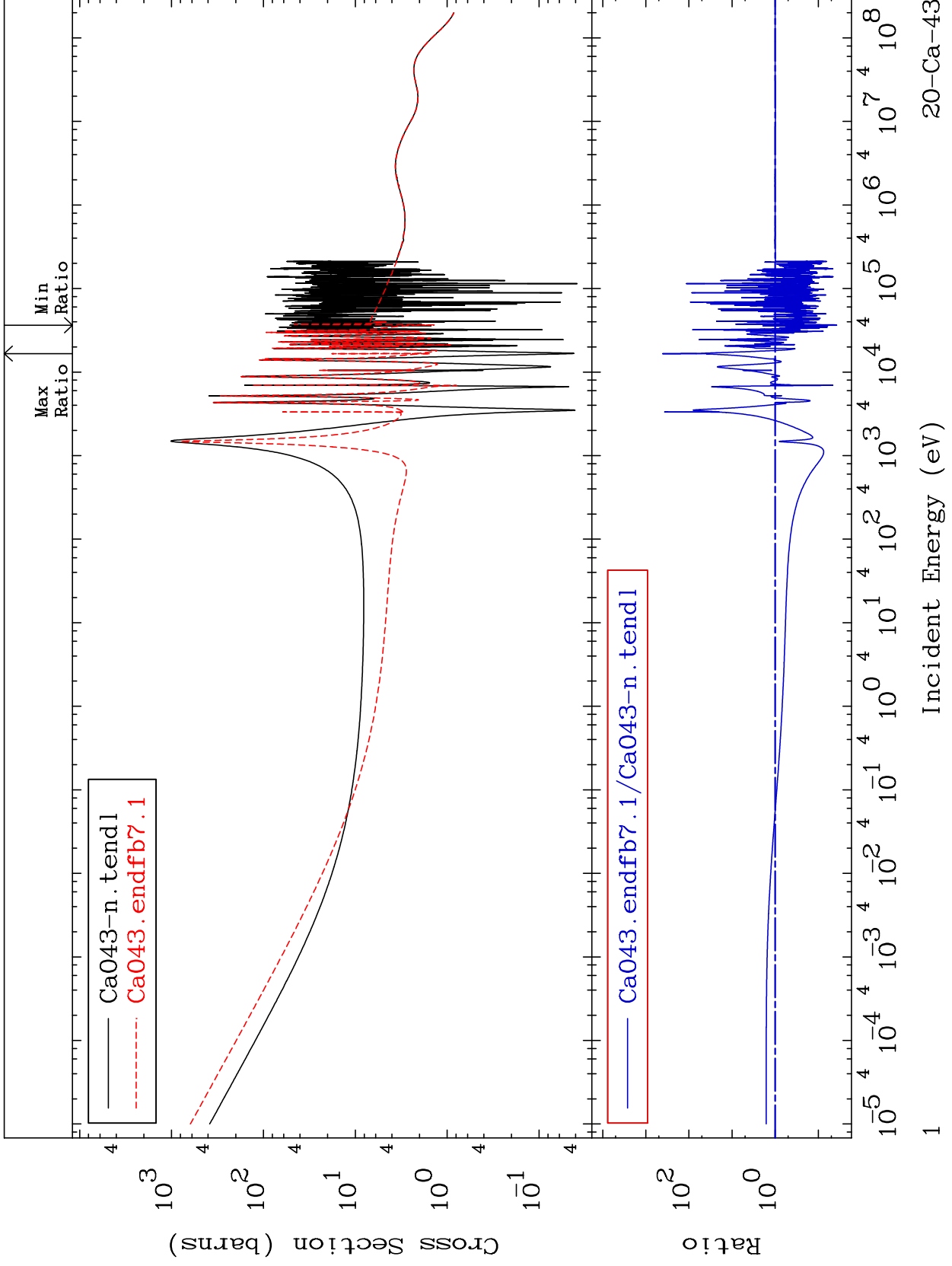


MAT 2034

Total
Cross Section

20-Ca-43
-96.24 To 9999. %



— Ca043-n.tendl
- - - Ca043.endfb7.1

— Ca043.endfb7.1/Ca043-n.tendl

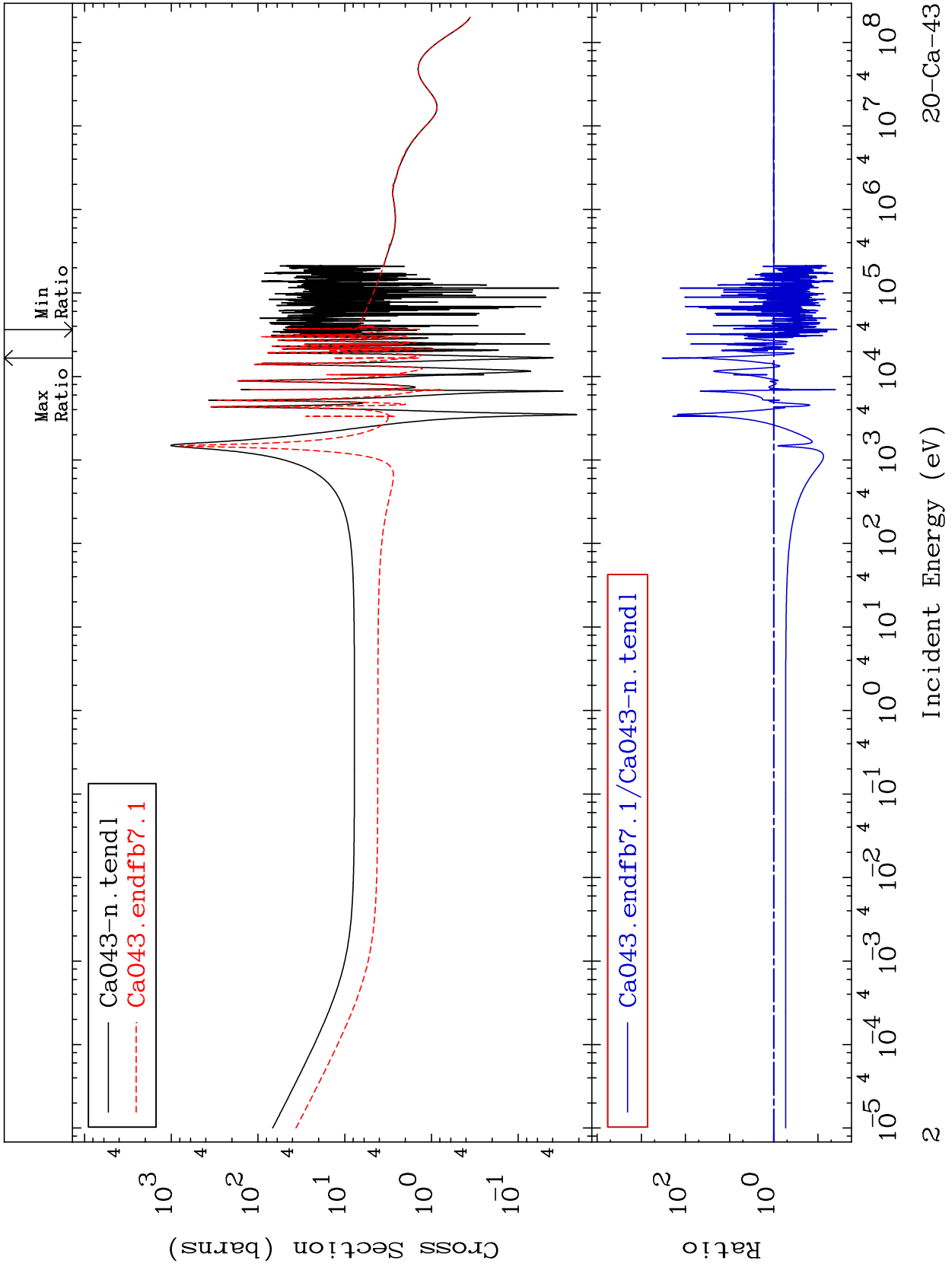
Incident Energy (eV)

20-Ca-43

MAT 2034

Elastic
Cross Section

20-Ca-43
-96.23 To 9999. %

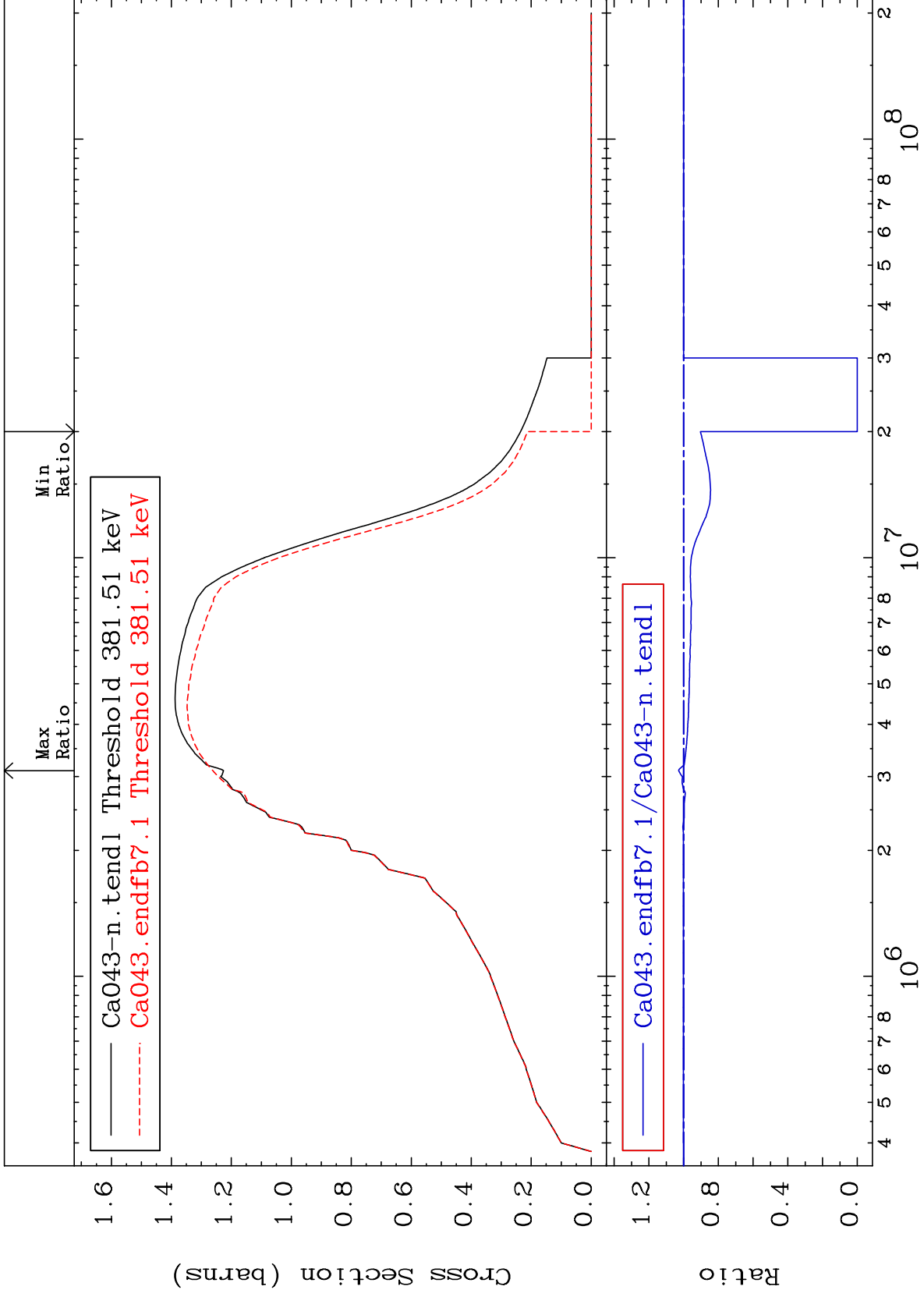


20-Ca-43

MAT 2034

Inelastic
Cross Section

20-Ca-43
-100.0 To 2.891 %



3

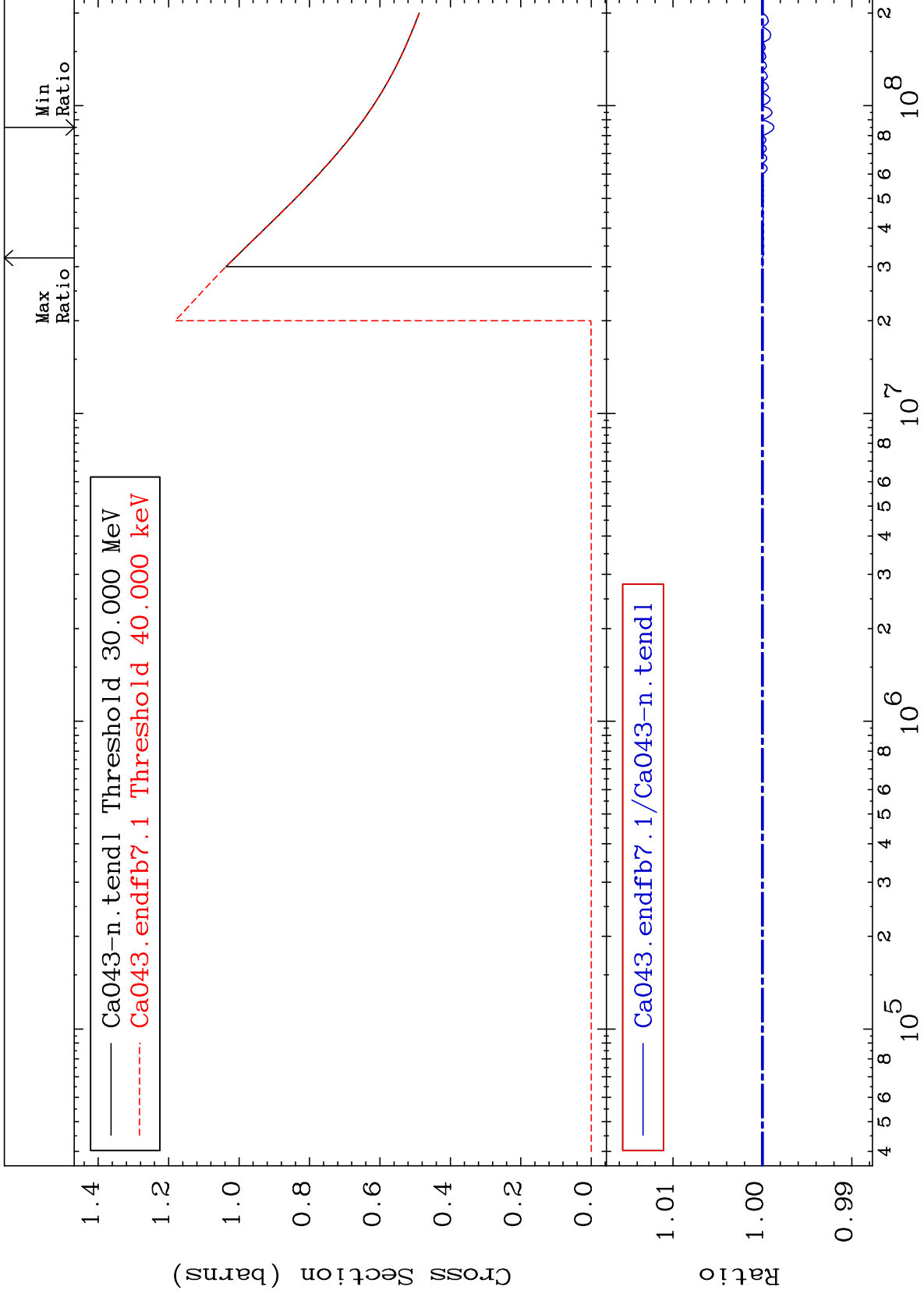
Incident Energy (eV)

20-Ca-43

MAT 2034

(n, remainder)
Cross Section

20-Ca-43
-0.129 To 0.005 %



4

Incident Energy (eV)

20-Ca-43

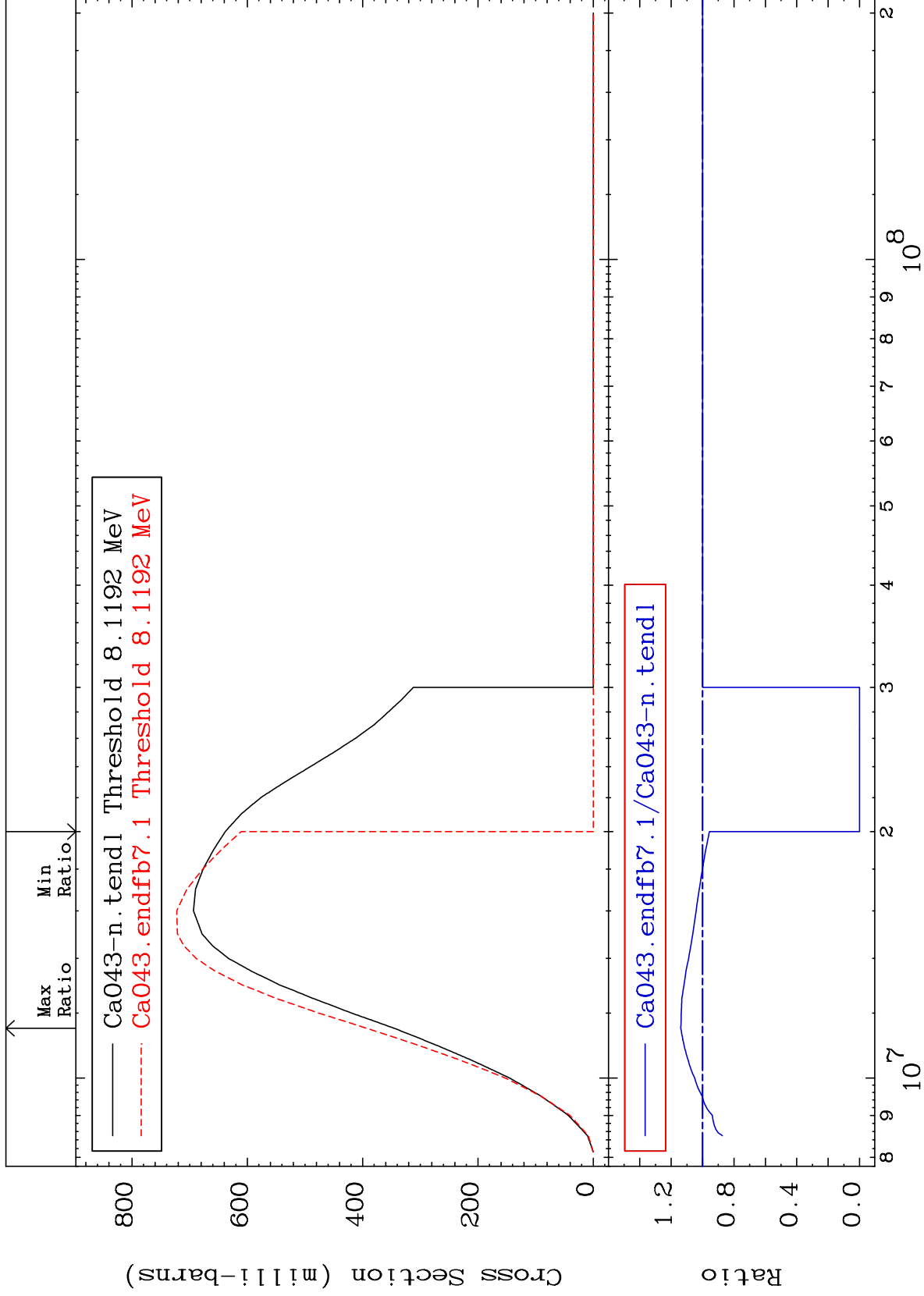
MAT 2034

(n,2n)

20-Ca-43

Cross Section

-100.0 To 13.90 %



Incident Energy (eV)

20-Ca-43

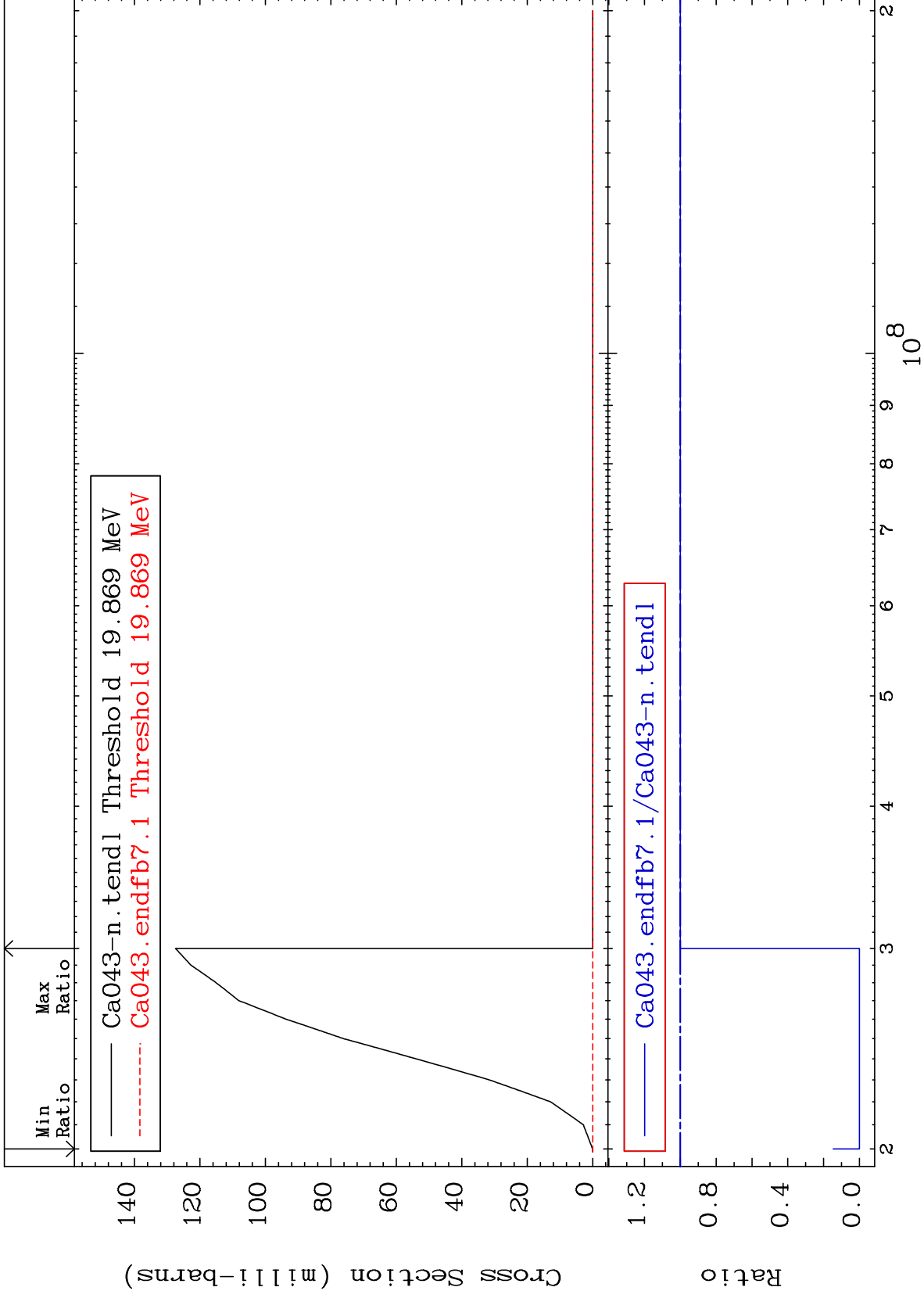
MAT 2034

(n,3n)

20-Ca-43

Cross Section

-100.0 To 0.000 %



6

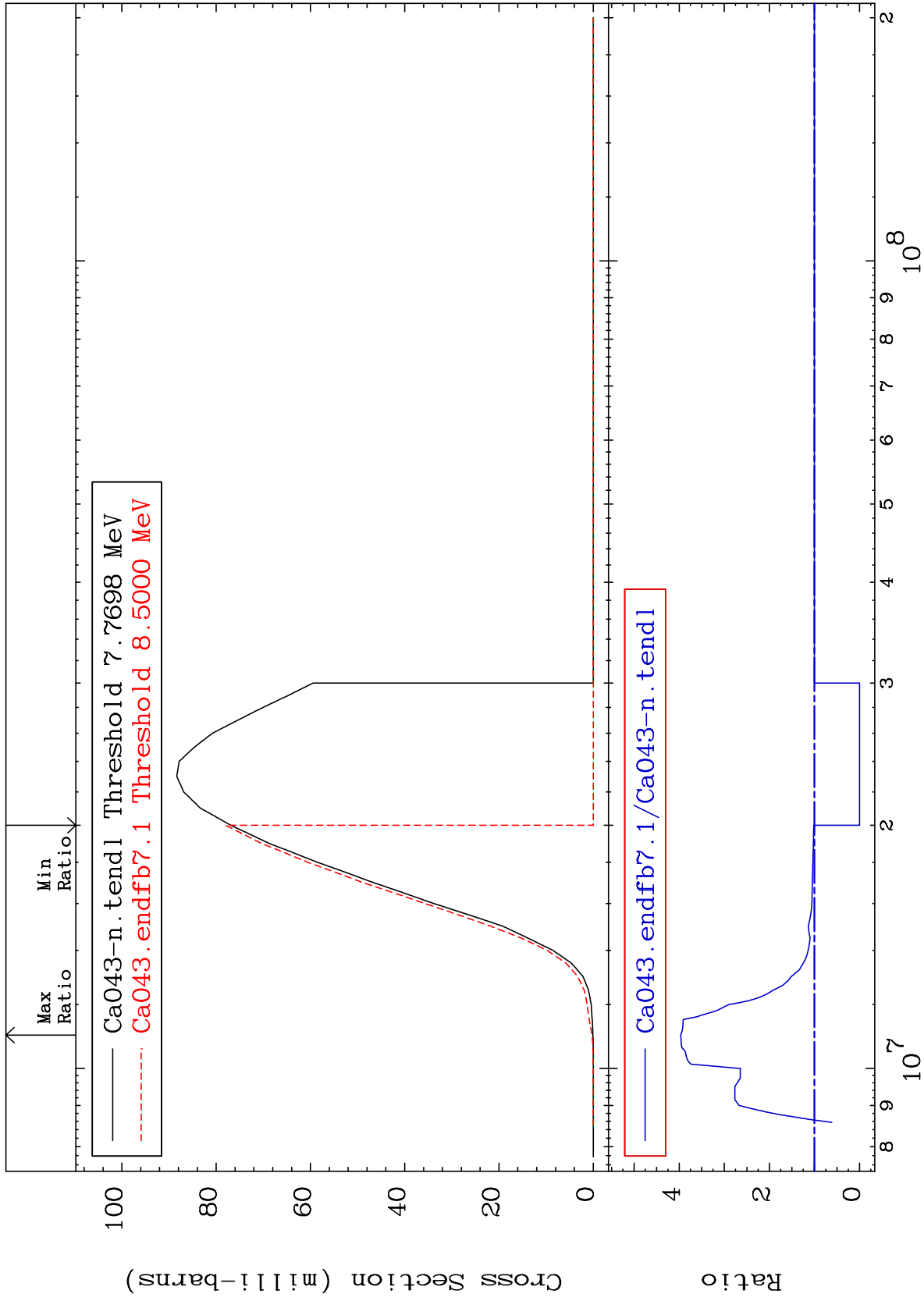
Incident Energy (eV)

20-Ca-43

MAT 2034

(n, n') α
Cross Section

20-Ca-43
-100.0 To 296.5 %



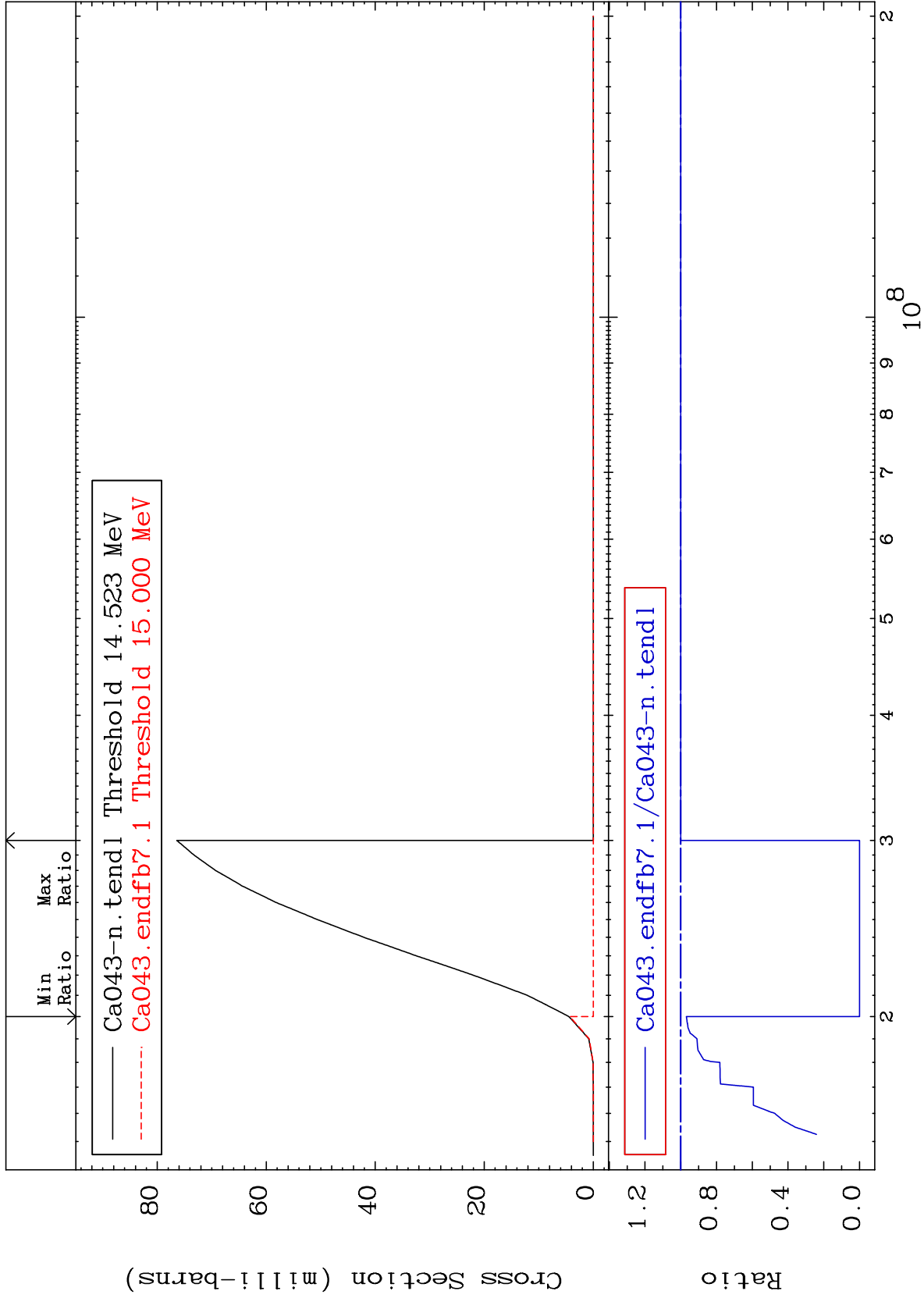
MAT 2034

(n,2n) α

20-Ca-43

Cross Section

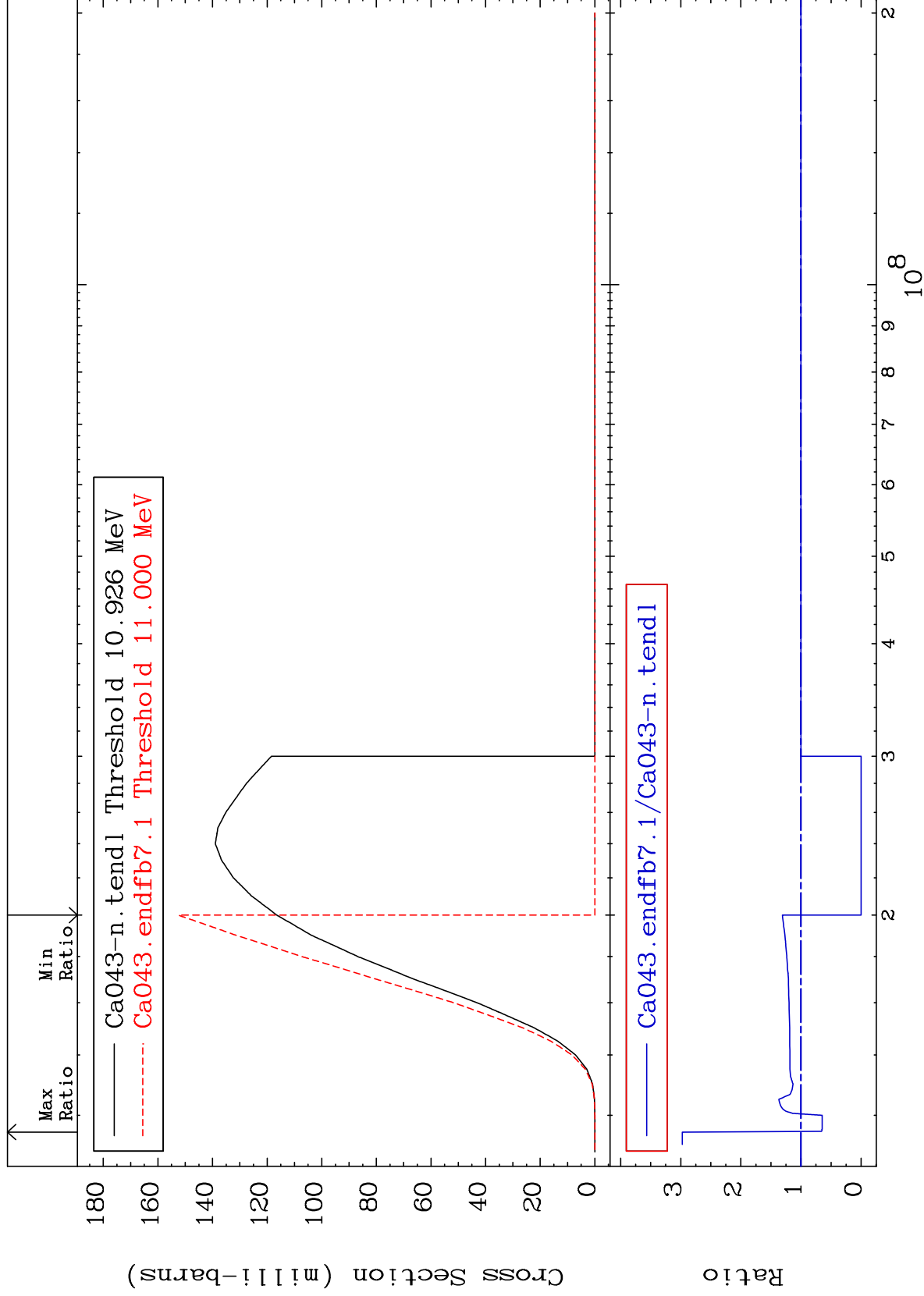
-100.0 To 0.000 %



MAT 2034

(n,n') p
Cross Section

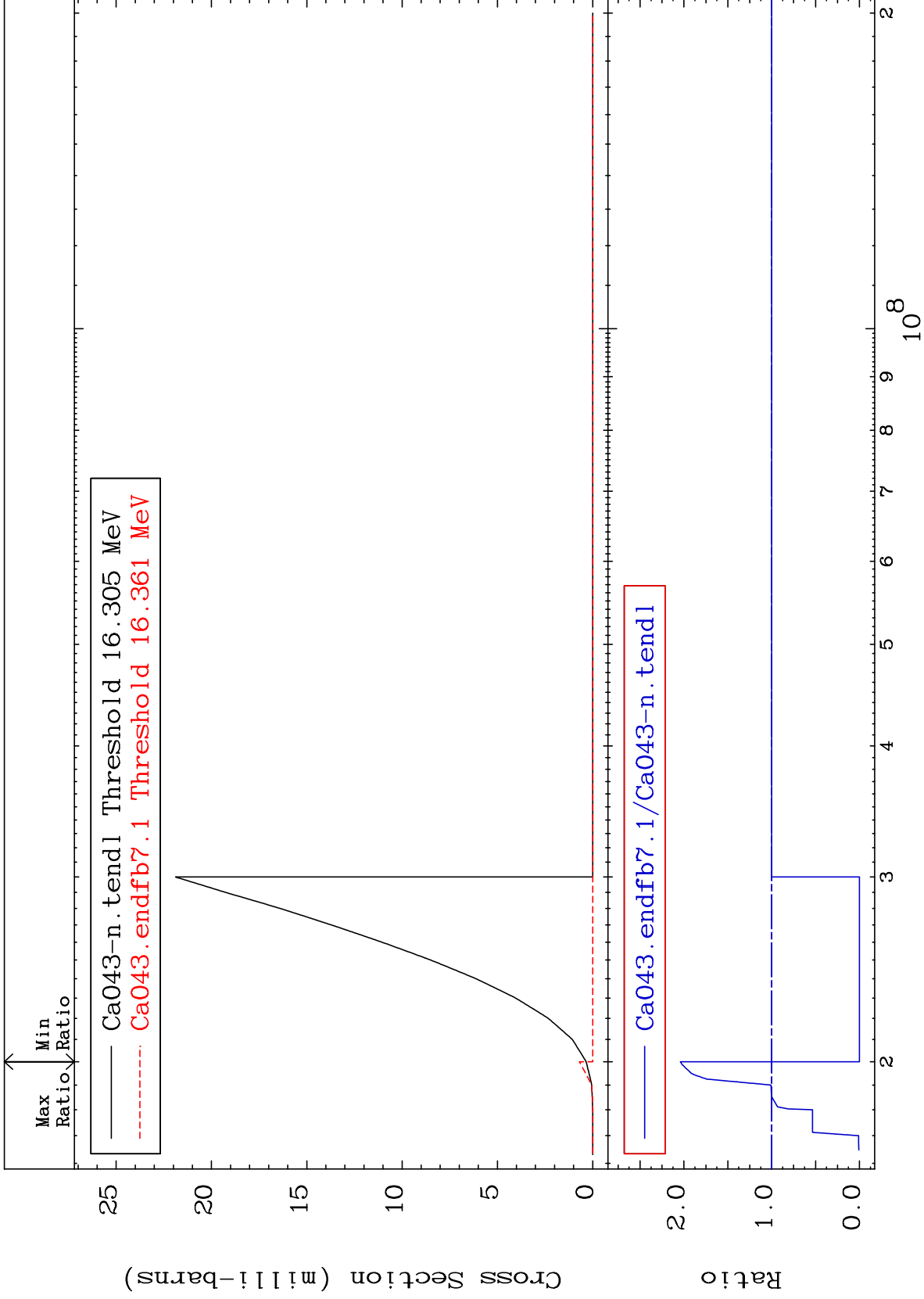
20-Ca-43
-100.0 To 197.3 %



MAT 2034

(n,n') d
Cross Section

20-Ca-43
-100.0 To 104.1 %



10

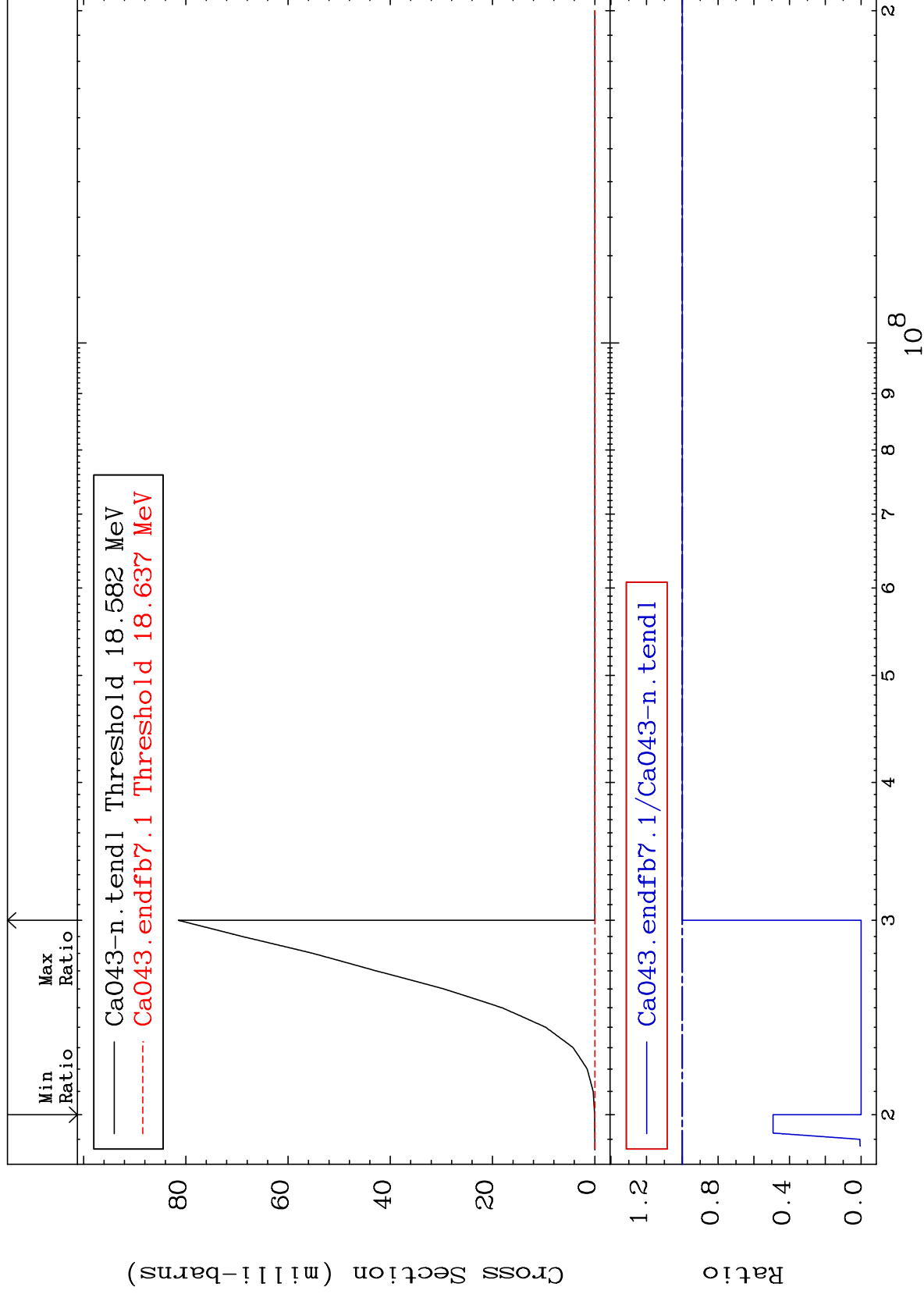
Incident Energy (eV)

20-Ca-43

MAT 2034

(n,2n) p
Cross Section

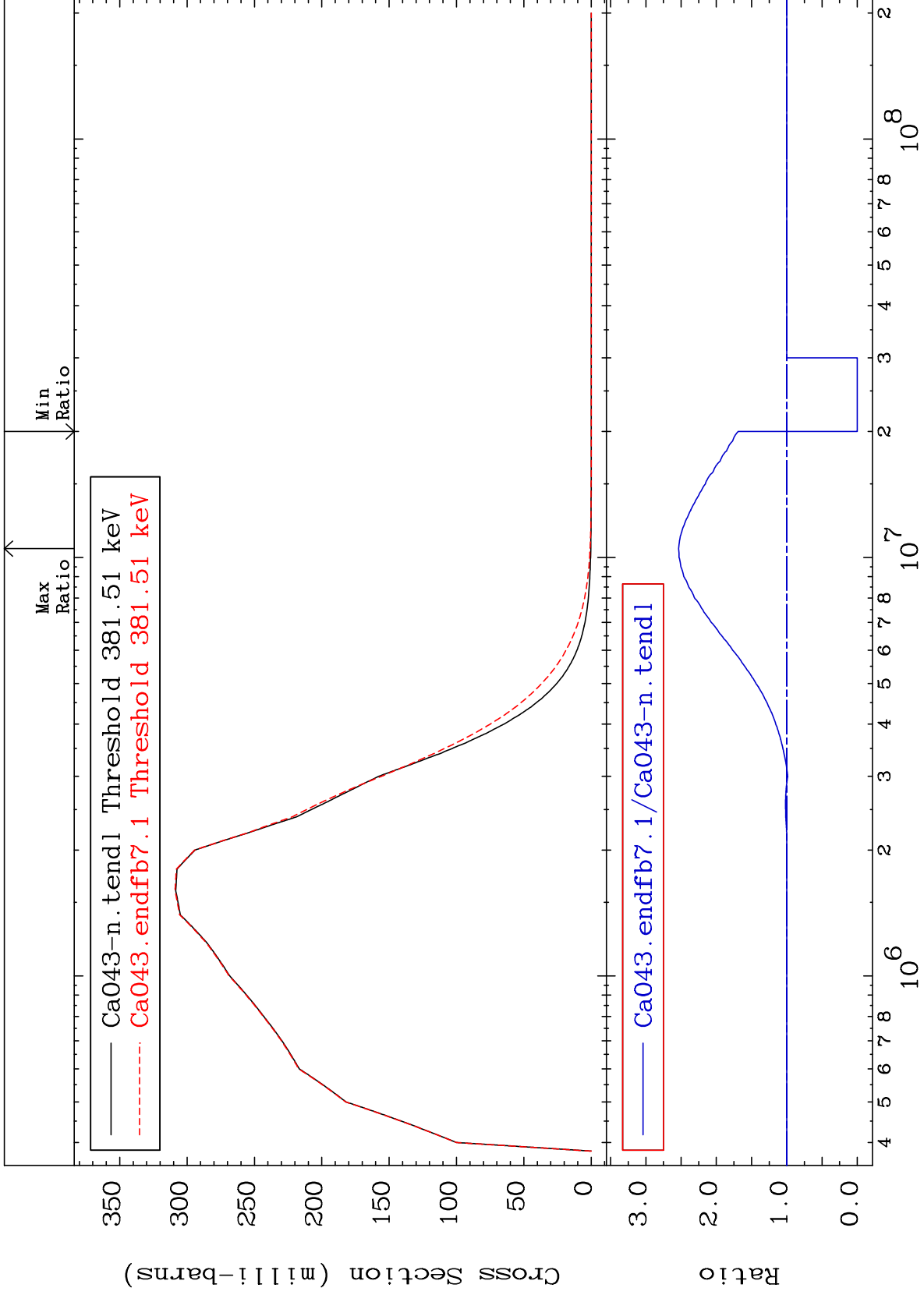
20-Ca-43
-100.0 To 0.000 %



MAT 2034

372.8 keV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 153.5 %



12

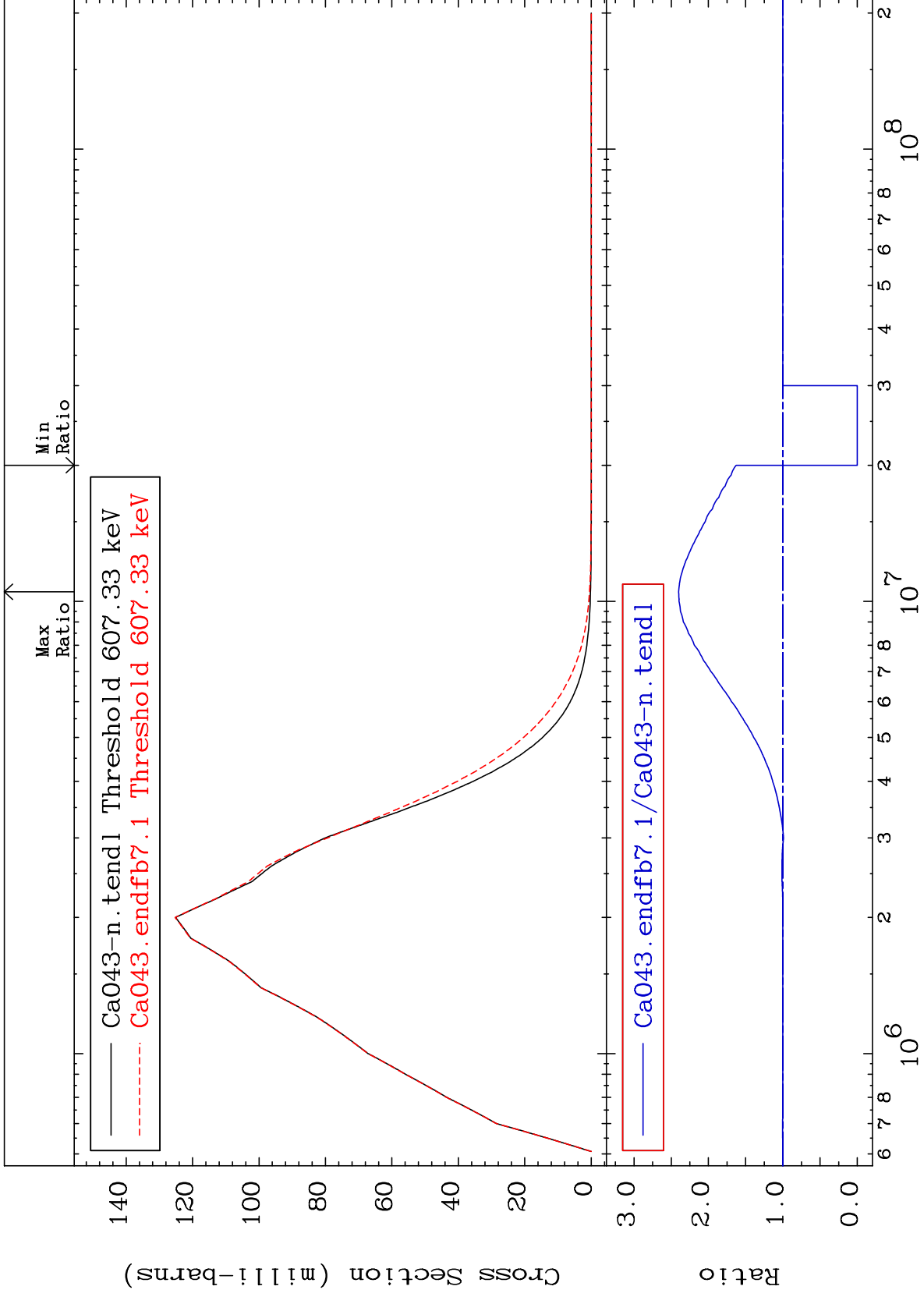
Incident Energy (eV)

20-Ca-43

MAT 2034

593.4 keV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 140.0 %



13

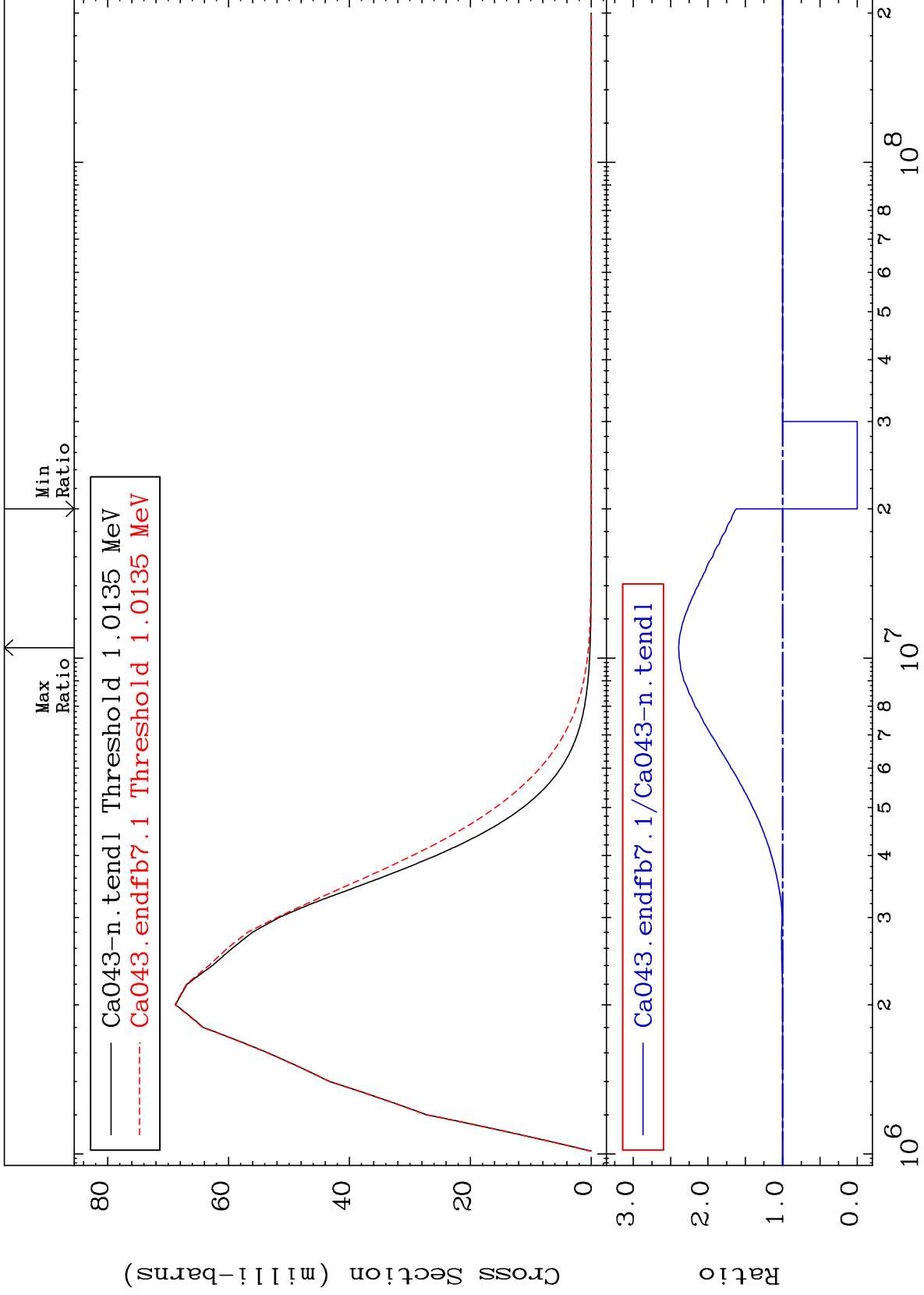
Incident Energy (eV)

20-Ca-43

MAT 2034

990.3 keV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 139.3 %



14

Incident Energy (eV)

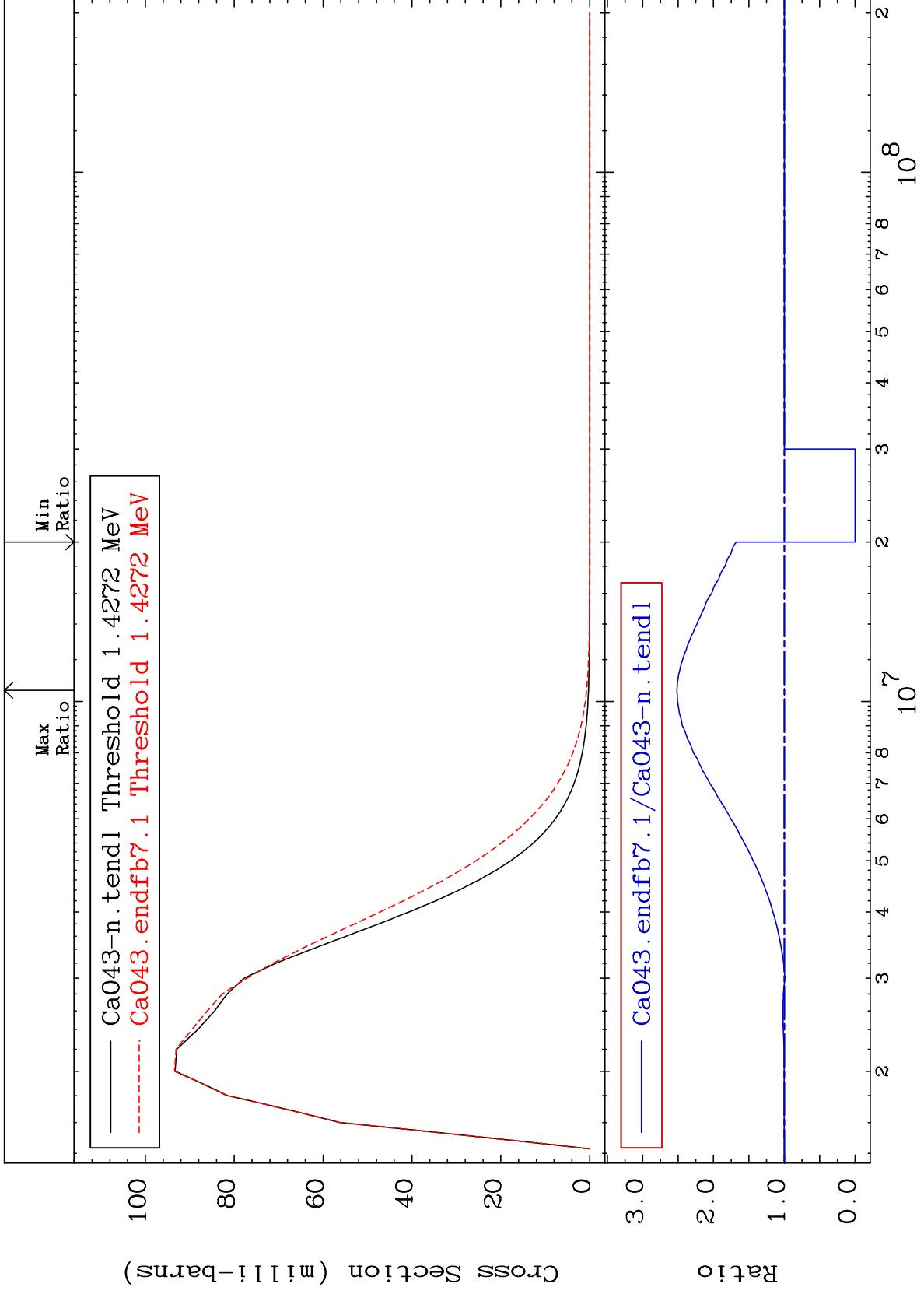
20-Ca-43

MAT 2034

1.394 MeV (n,n') Level

20-Ca-43

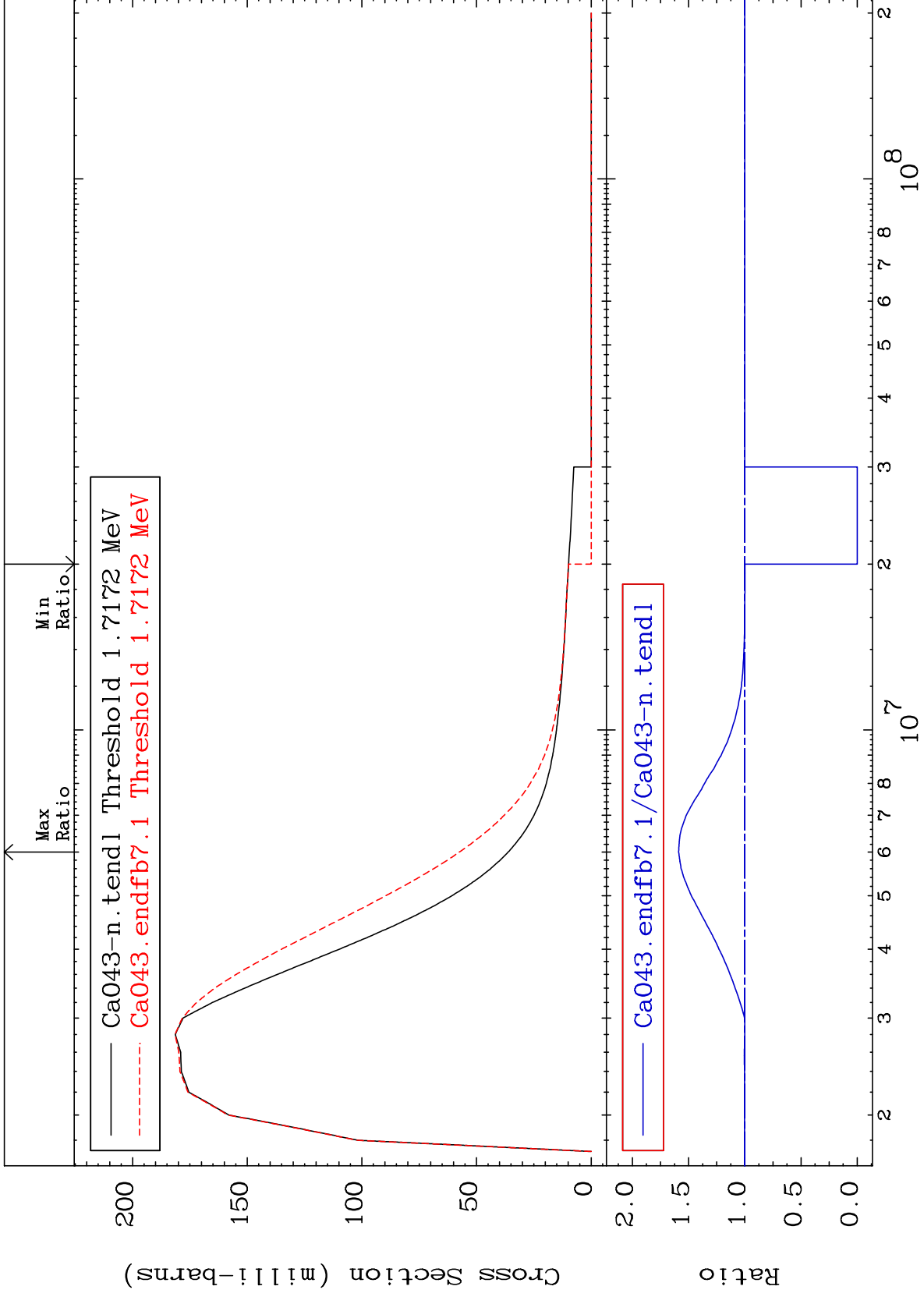
-100.0 To 151.7 %



MAT 2034

1.678 MeV (n,n') Level
Cross Section

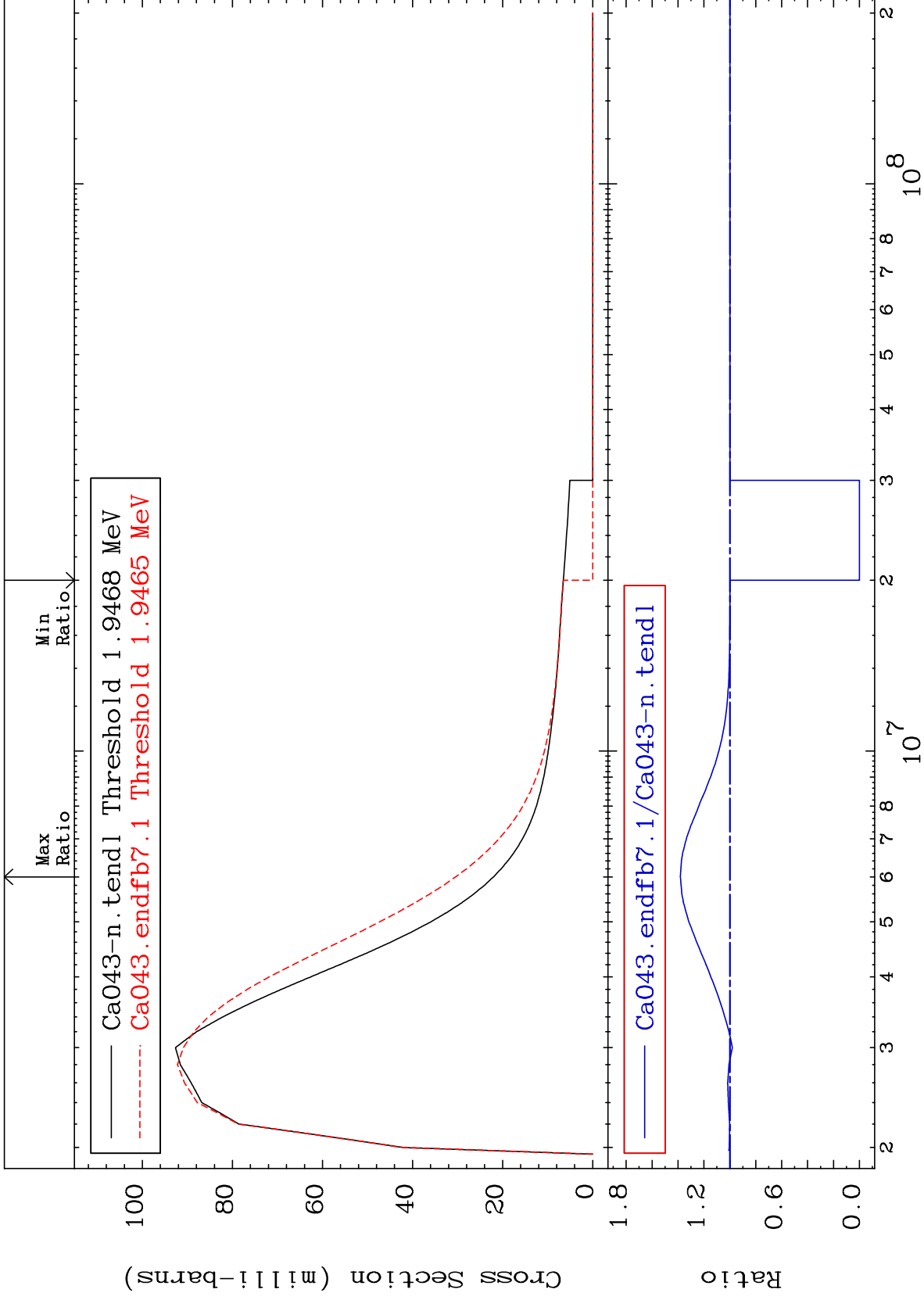
20-Ca-43
-100.0 To 58.87 %



MAT 2034

1.902 MeV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 38.19 %



17

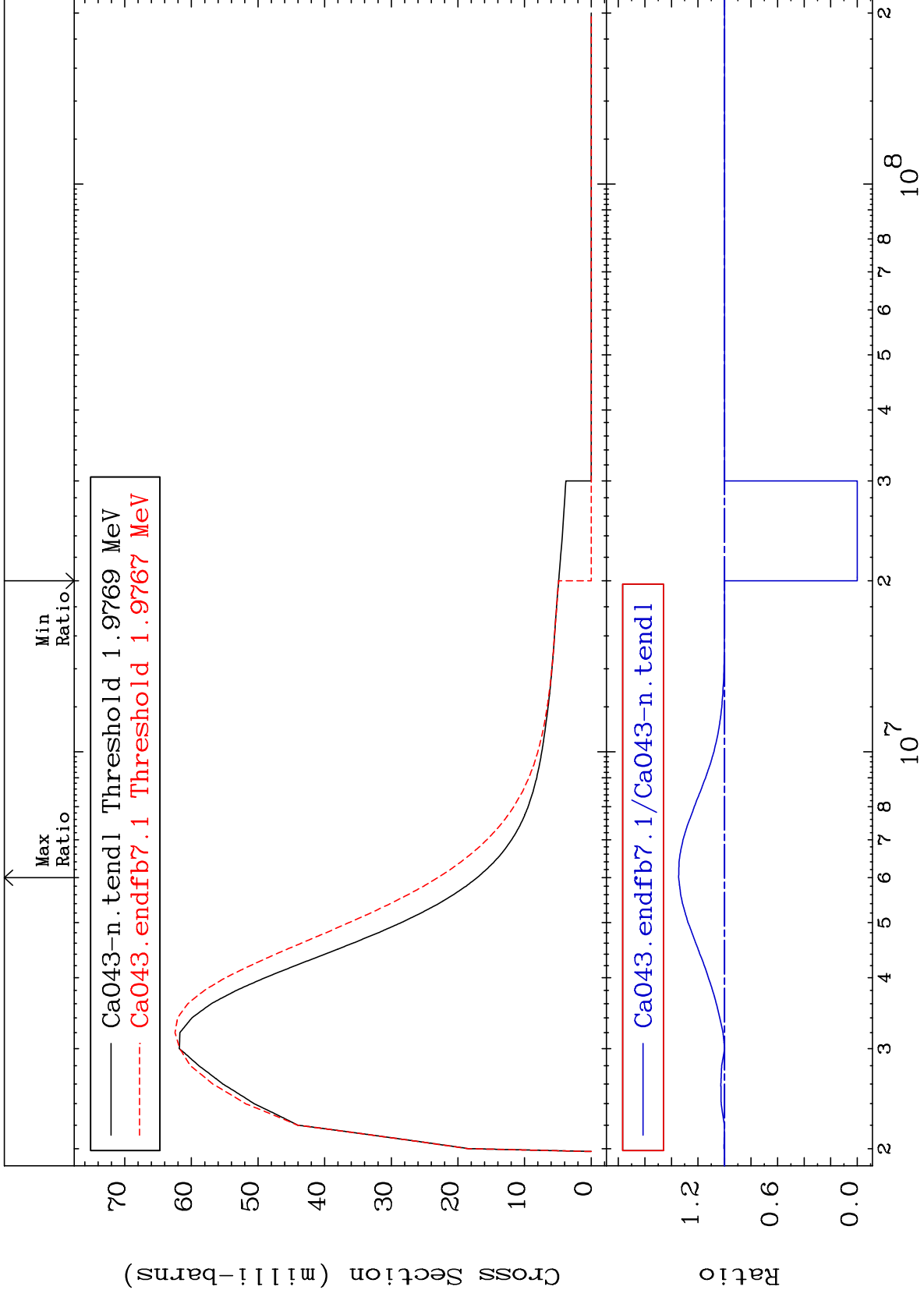
Incident Energy (eV)

20-Ca-43

MAT 2034

1.932 MeV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 34.57 %



18

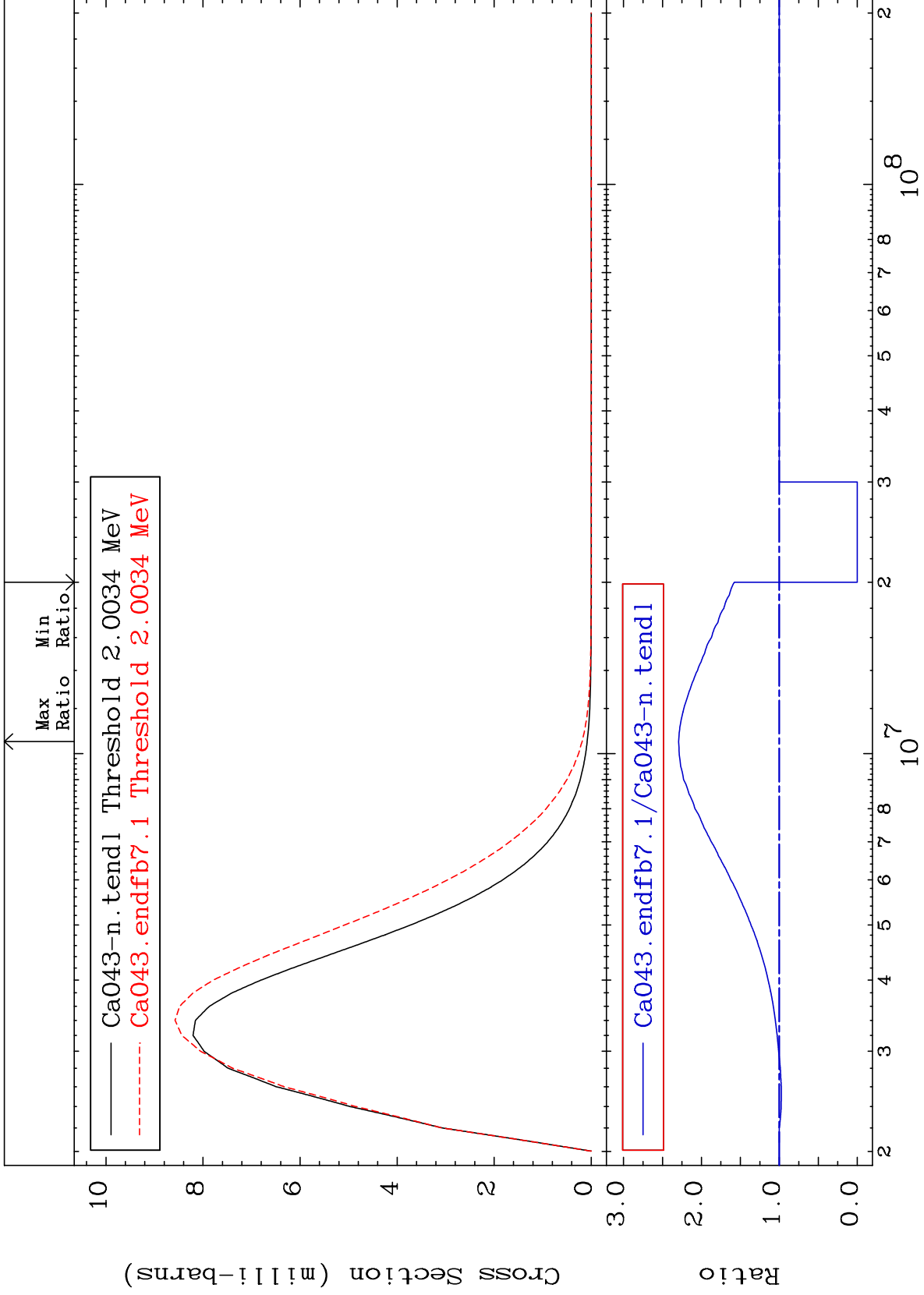
Incident Energy (eV)

20-Ca-43

MAT 2034

1.957 MeV (n,n') Level
Cross Section

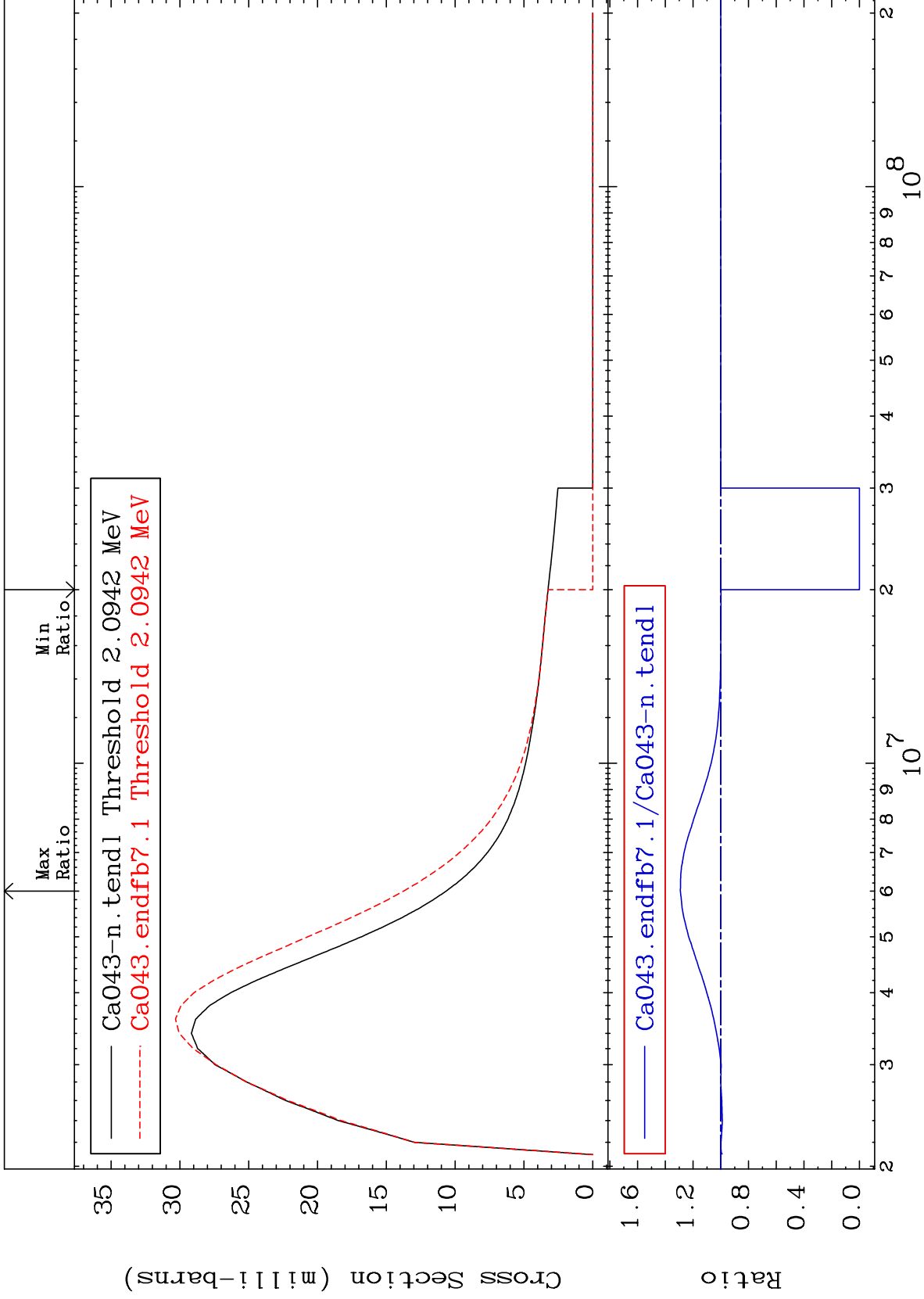
20-Ca-43
-100.0 To 129.3 %



MAT 2034

2.046 MeV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 29.17 %



20

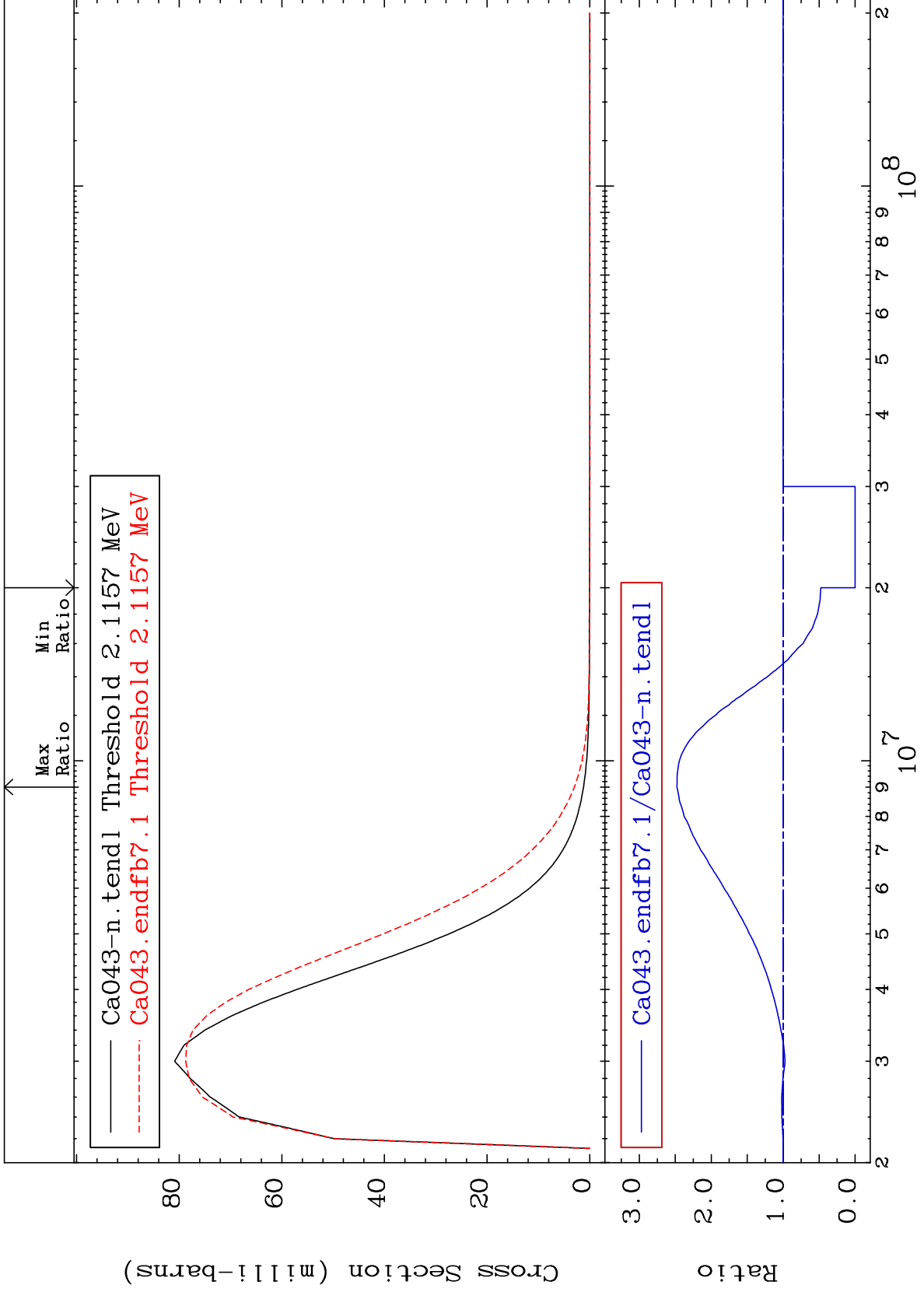
Incident Energy (eV)

20-Ca-43

MAT 2034

2.067 MeV (n,n') Level
Cross Section

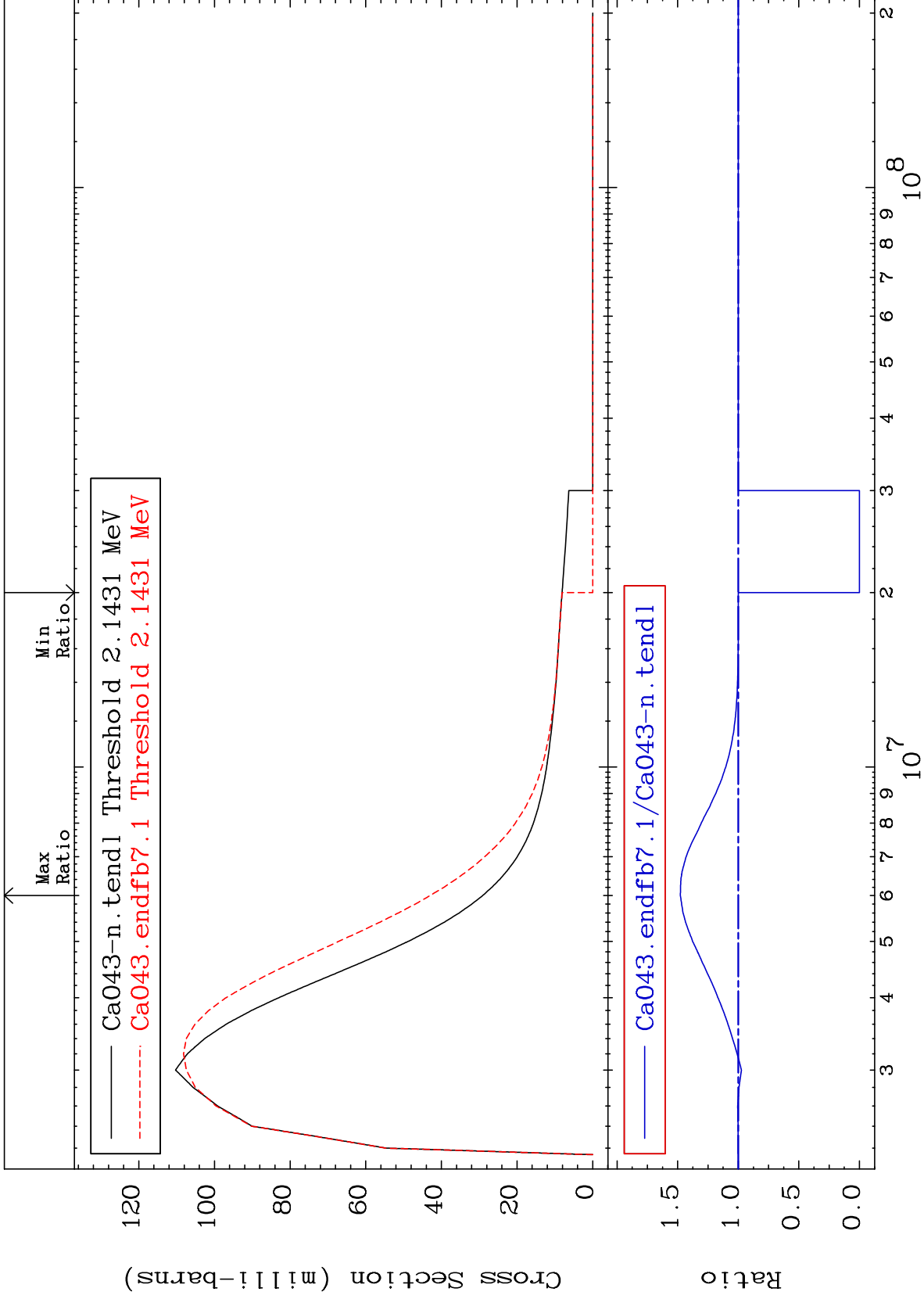
20-Ca-43
-100.0 To 147.7 %



MAT 2034

2.094 MeV (n,n') Level
Cross Section

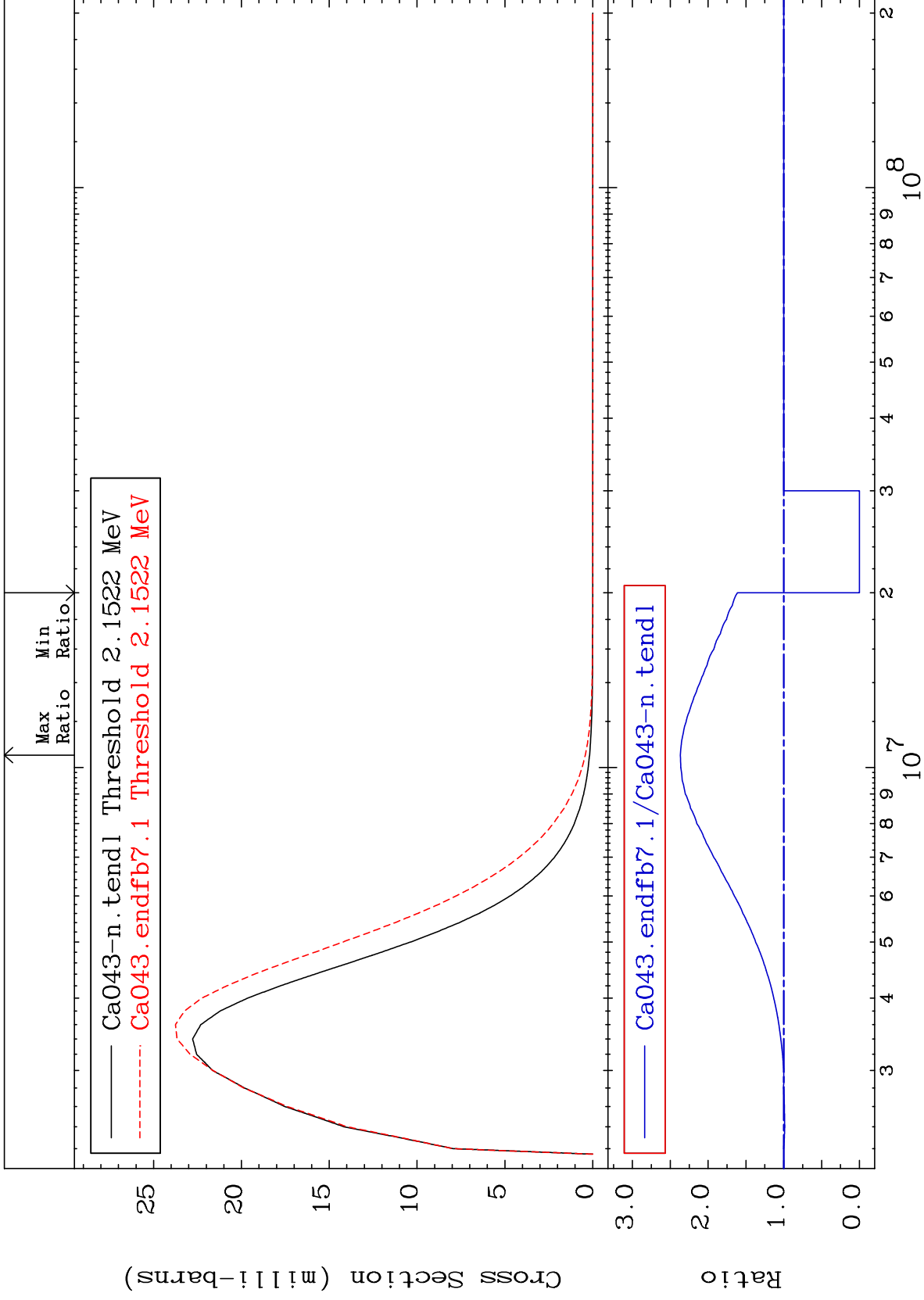
20-Ca-43
-100.0 To 47.79 %



MAT 2034

2.103 MeV (n,n') Level
Cross Section

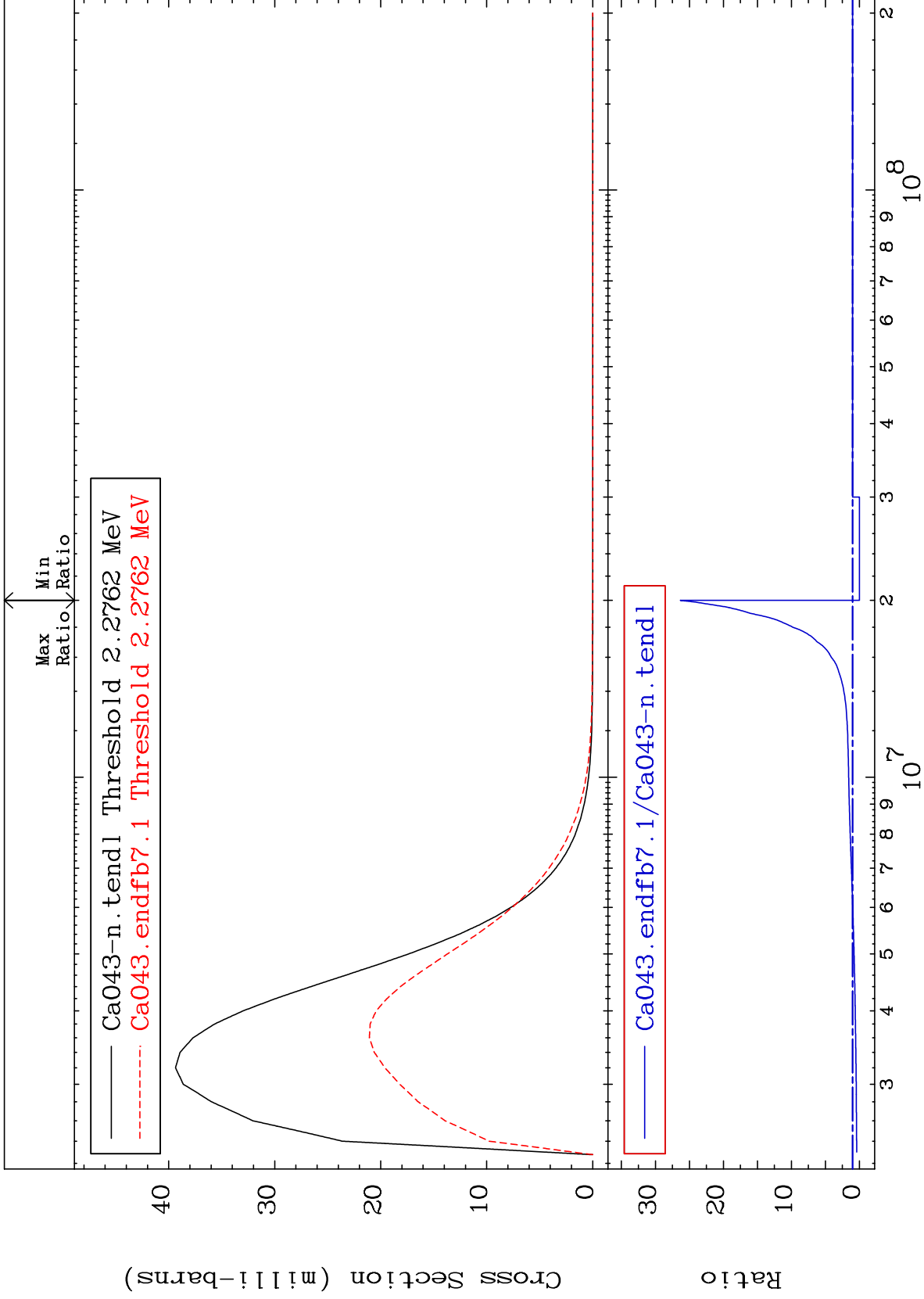
20-Ca-43
-100.0 To 136.7 %



MAT 2034

2.224 MeV (n,n') Level
Cross Section

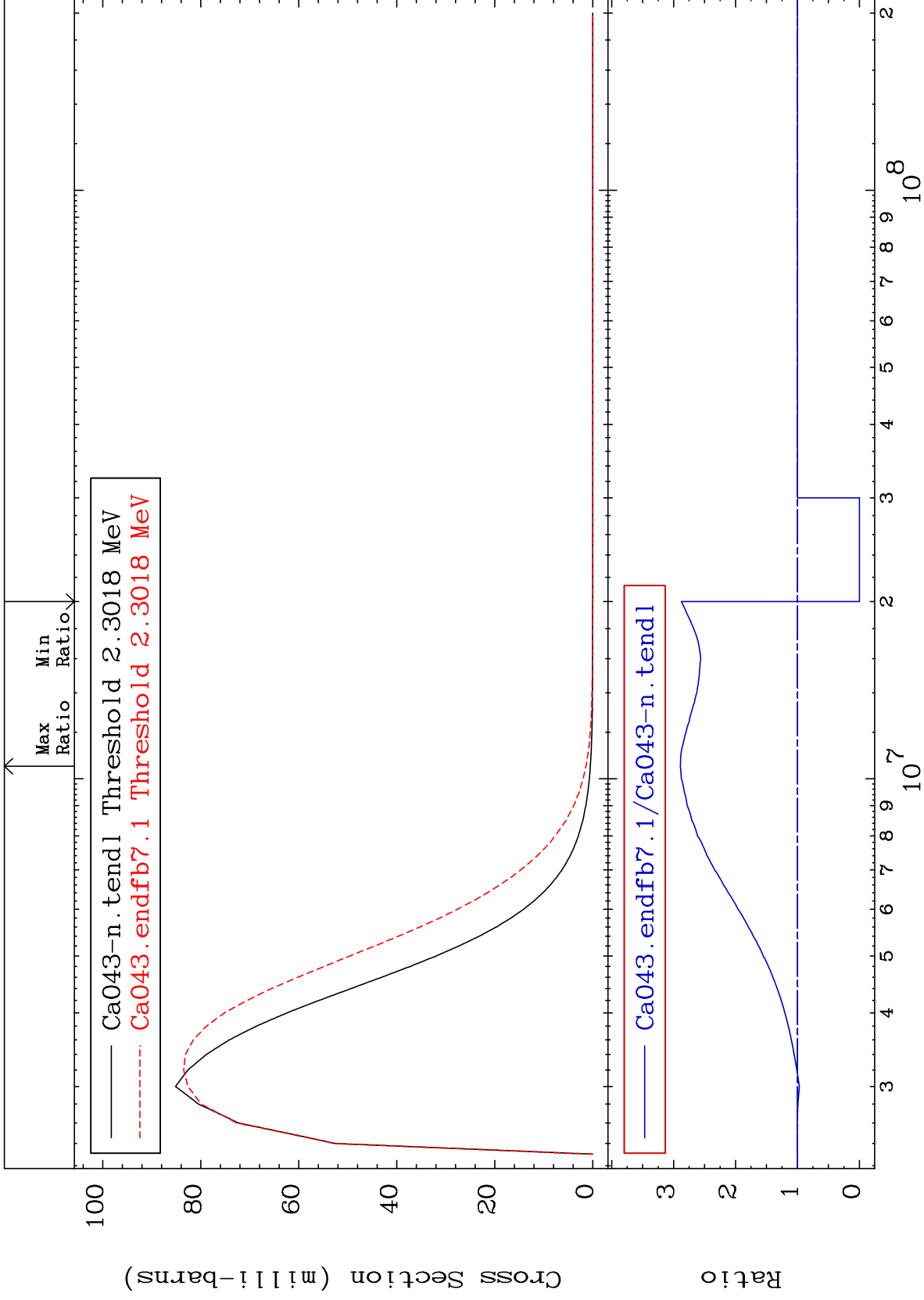
20-Ca-43
-100.0 To 2533. %



MAT 2034

2.249 MeV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 189.1 %



25

Incident Energy (eV)

20-Ca-43

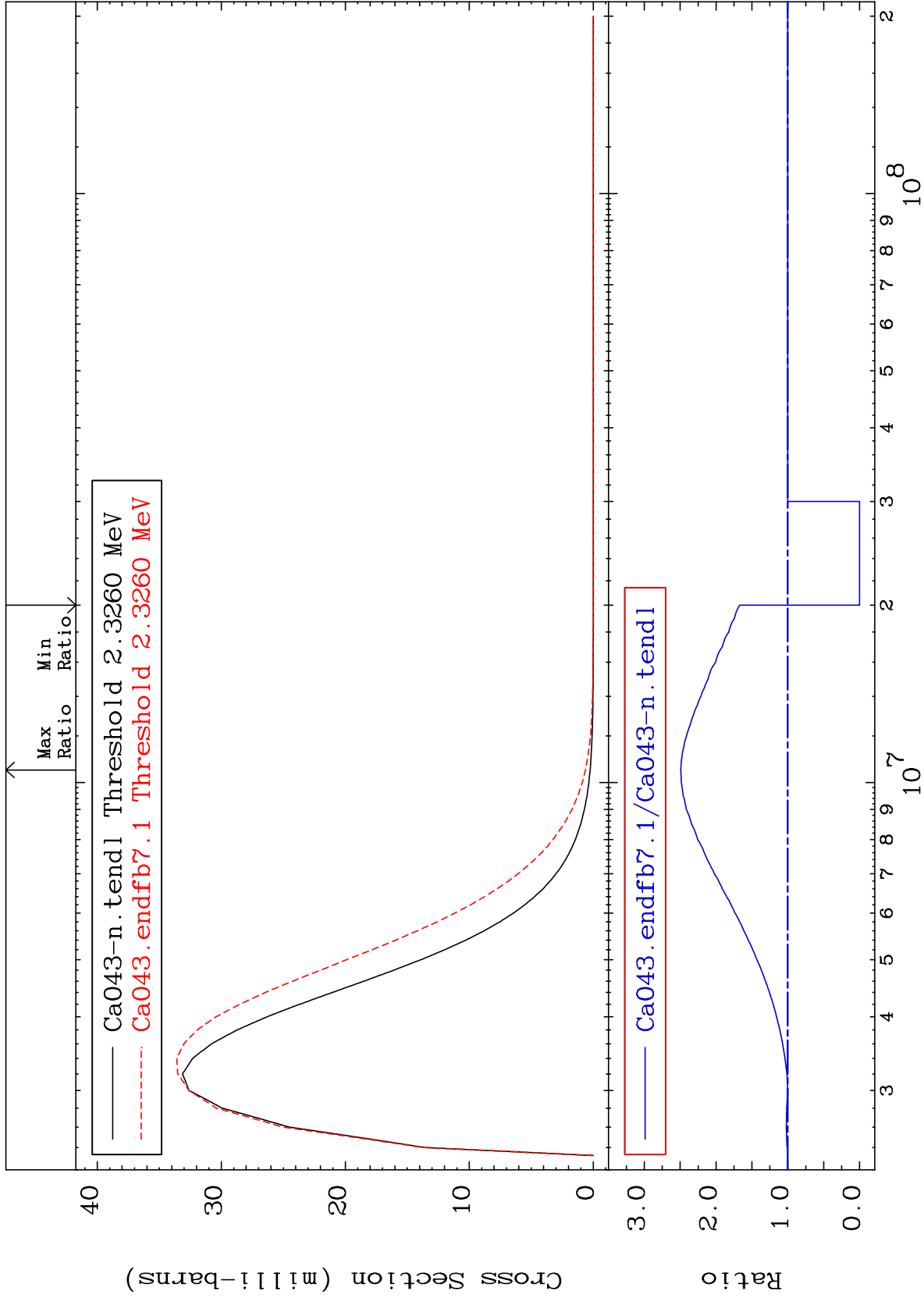
MAT 2034

2.273 MeV (n,n') Level

20-Ca-43

-100.0 To 149.2 %

Cross Section

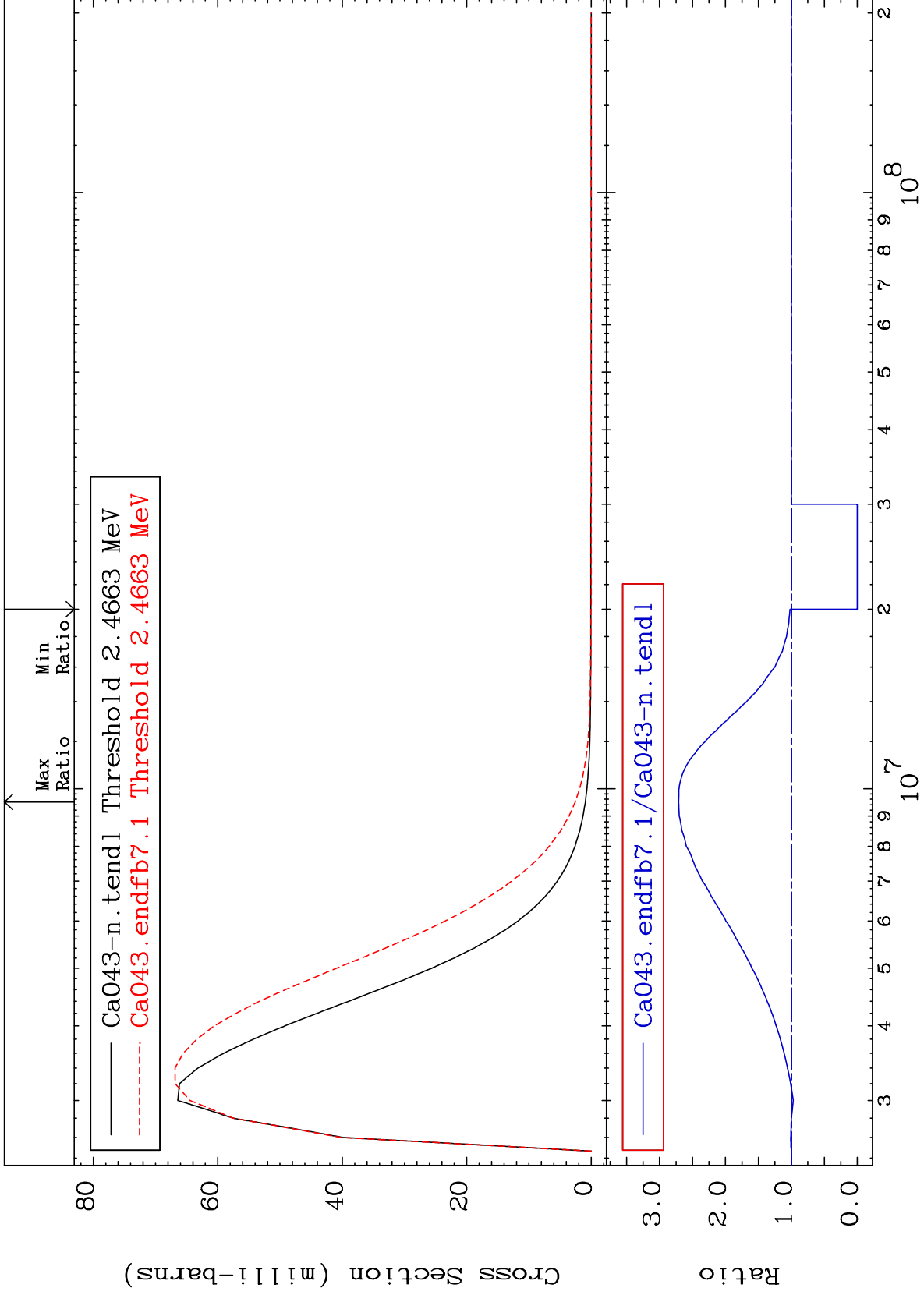


MAT 2034

2.410 MeV (n,n') Level

20-Ca-43

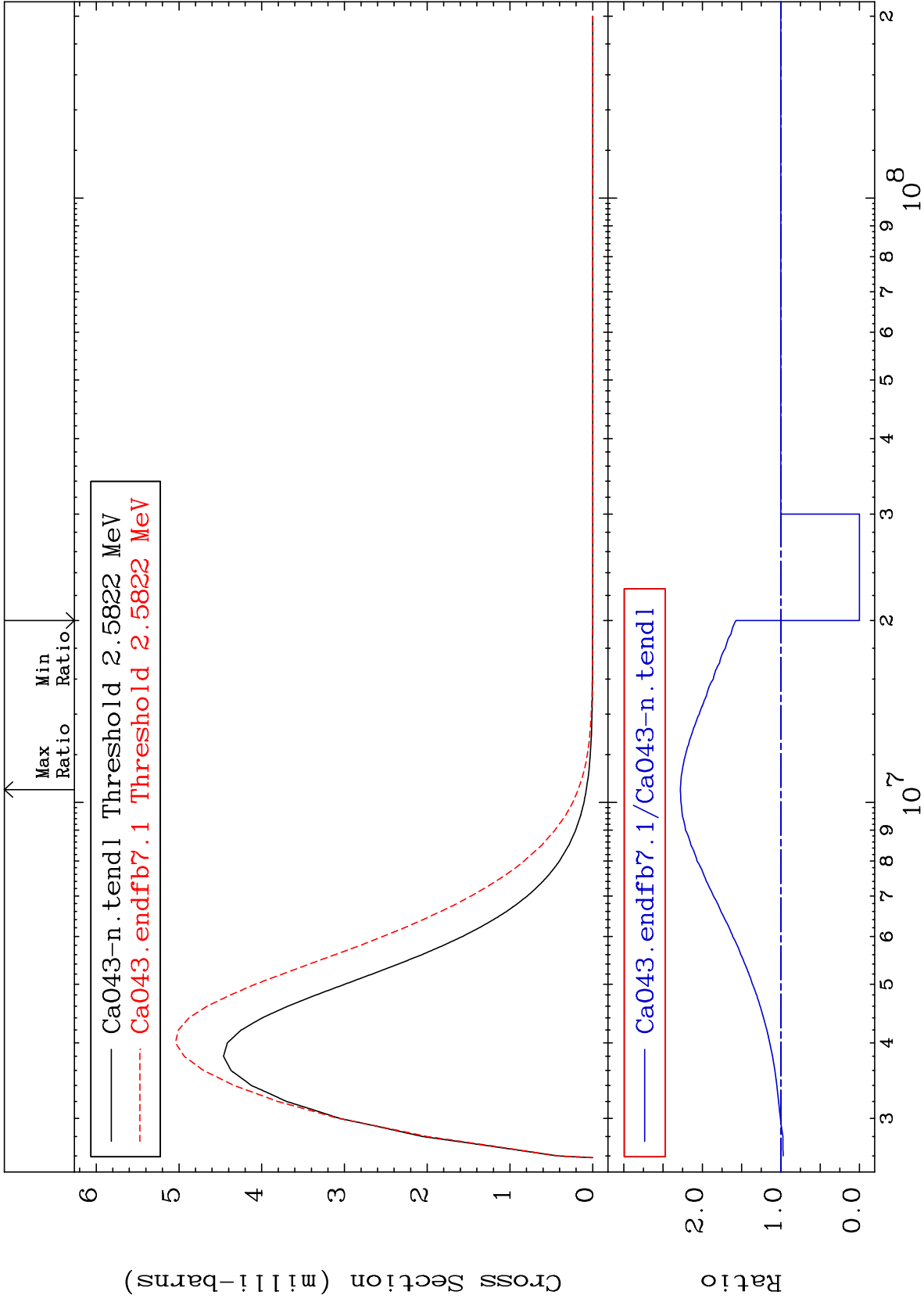
-100.0 To 171.0 %



27

Incident Energy (eV)

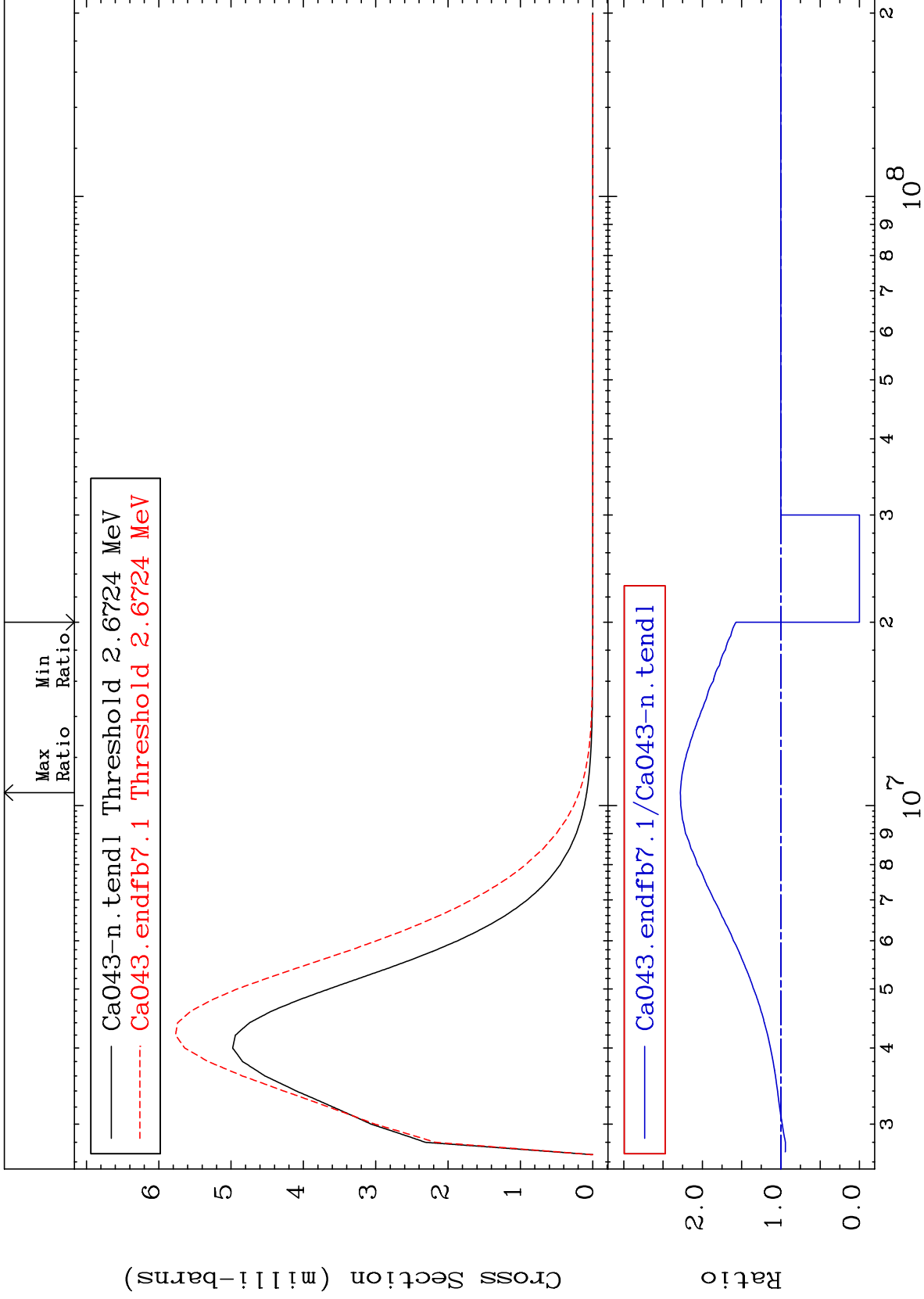
20-Ca-43



MAT 2034

2.611 MeV (n,n') Level
Cross Section

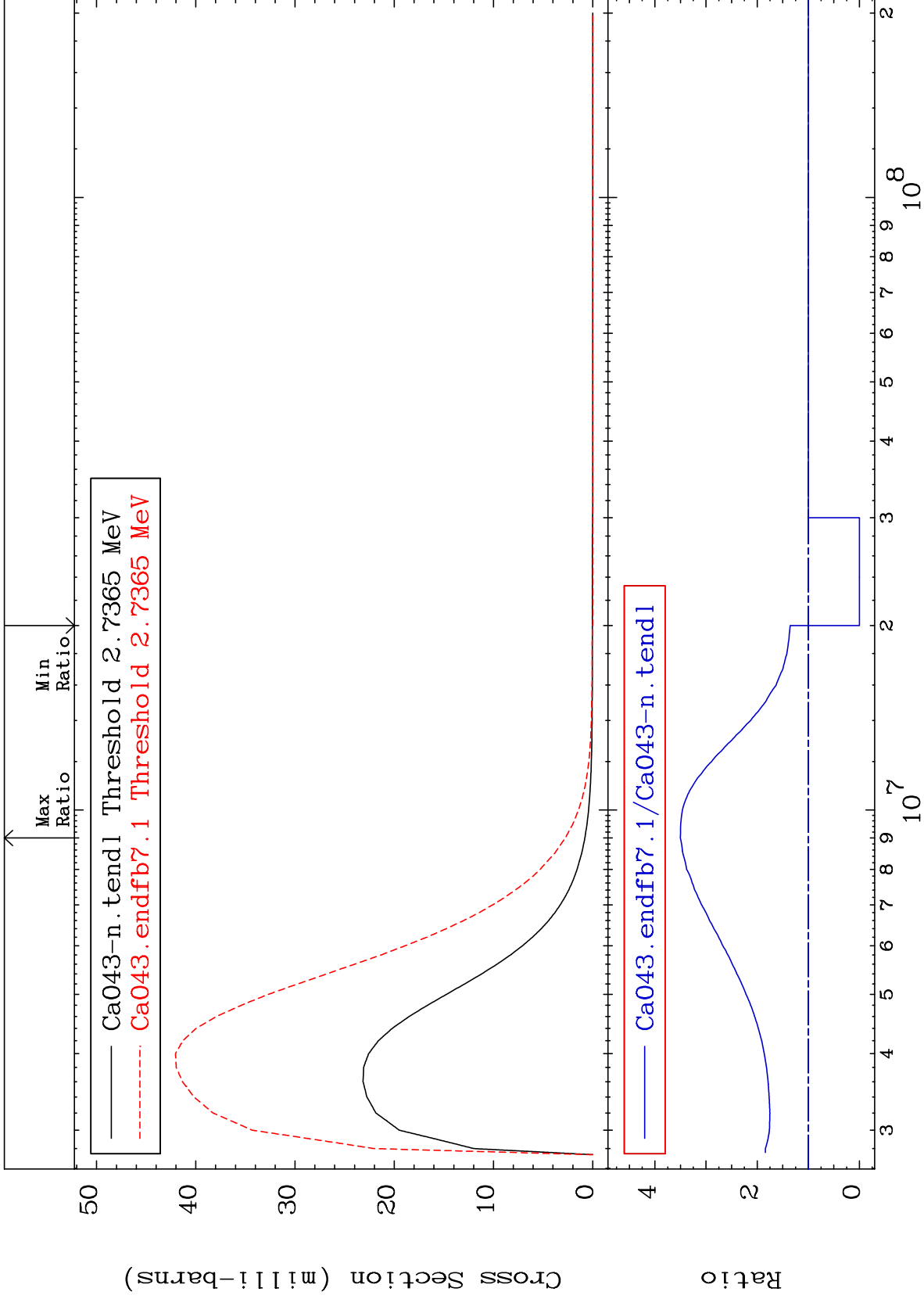
20-Ca-43
-100.0 To 128.0 %



MAT 2034

2.674 MeV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 250.2 %



30

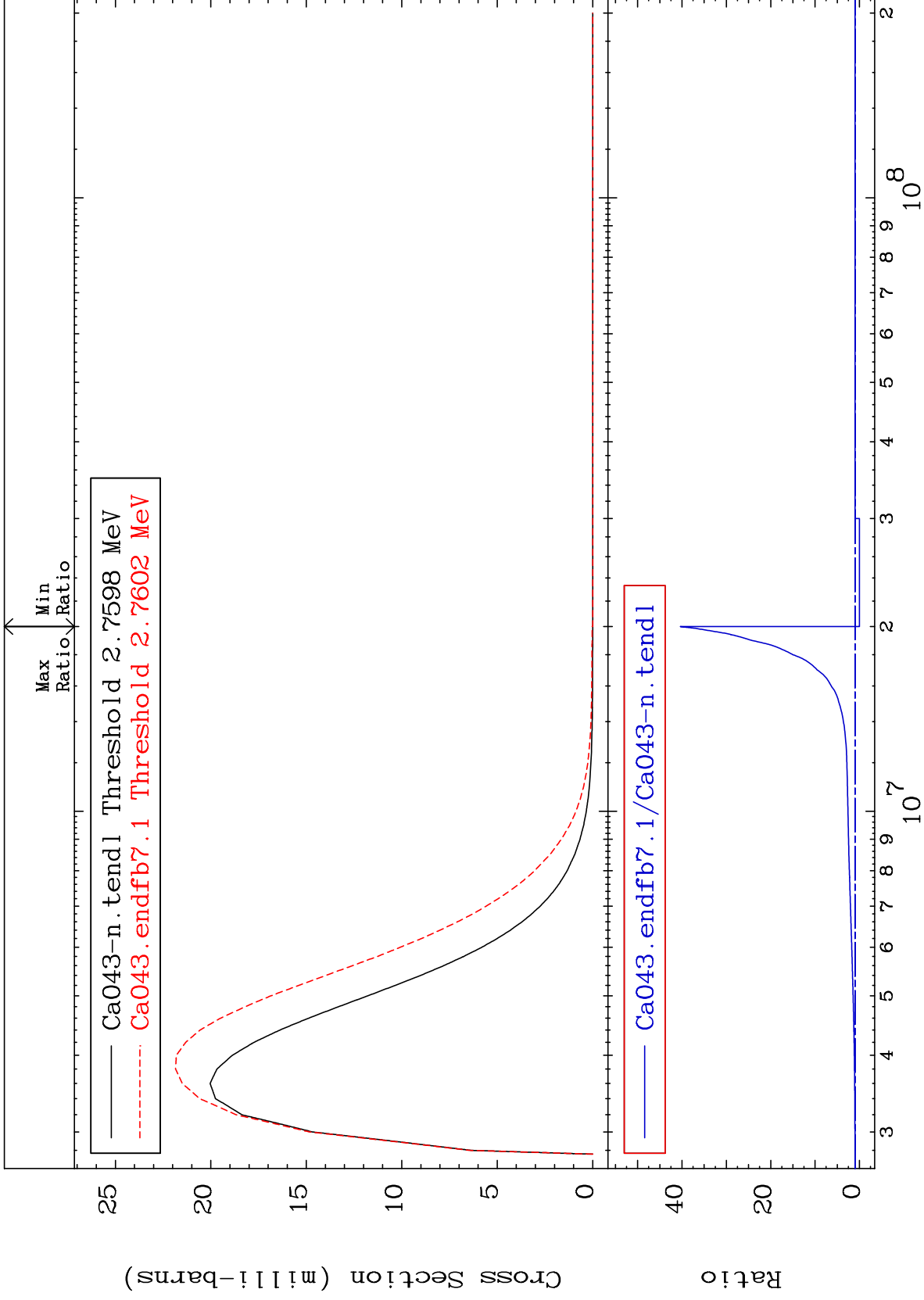
Incident Energy (eV)

20-Ca-43

MAT 2034

2.697 MeV (n,n') Level
Cross Section

20-Ca-43
-100.0 To 3937. %



31

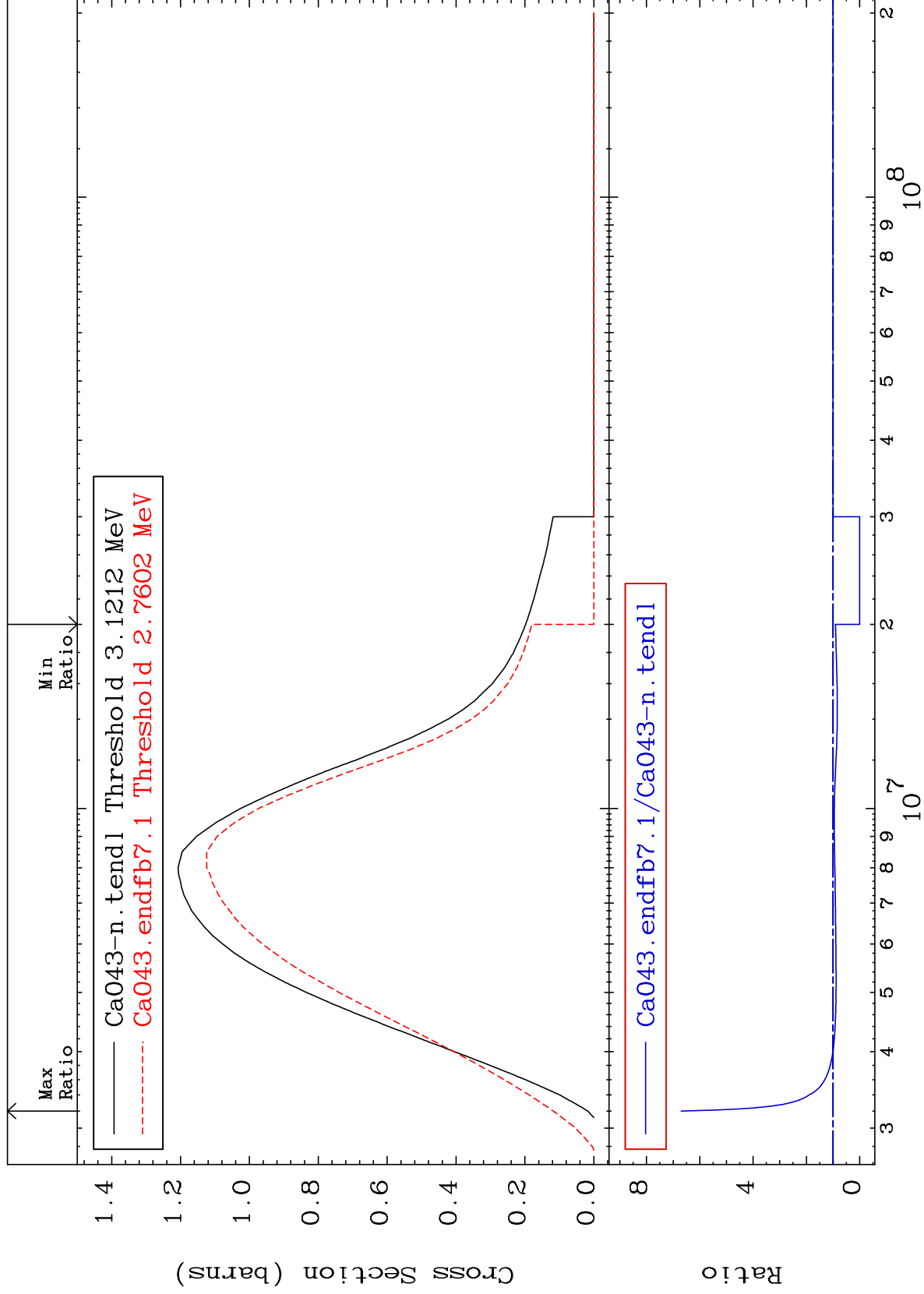
Incident Energy (eV)

20-Ca-43

MAT 2034

(n, n') Continuum
Cross Section

20-Ca-43
-100.0 To 569.8 %



32

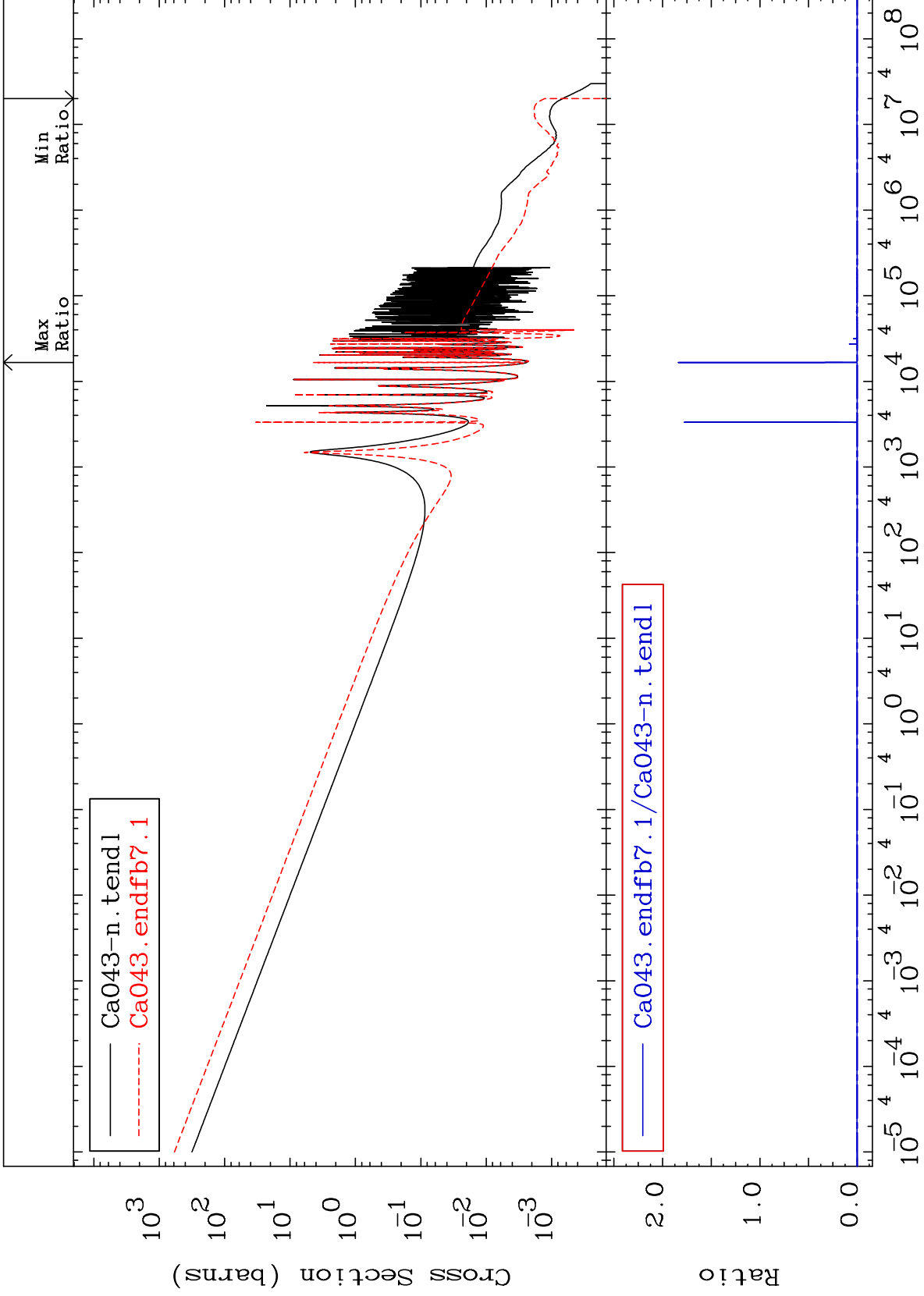
MAT 2034

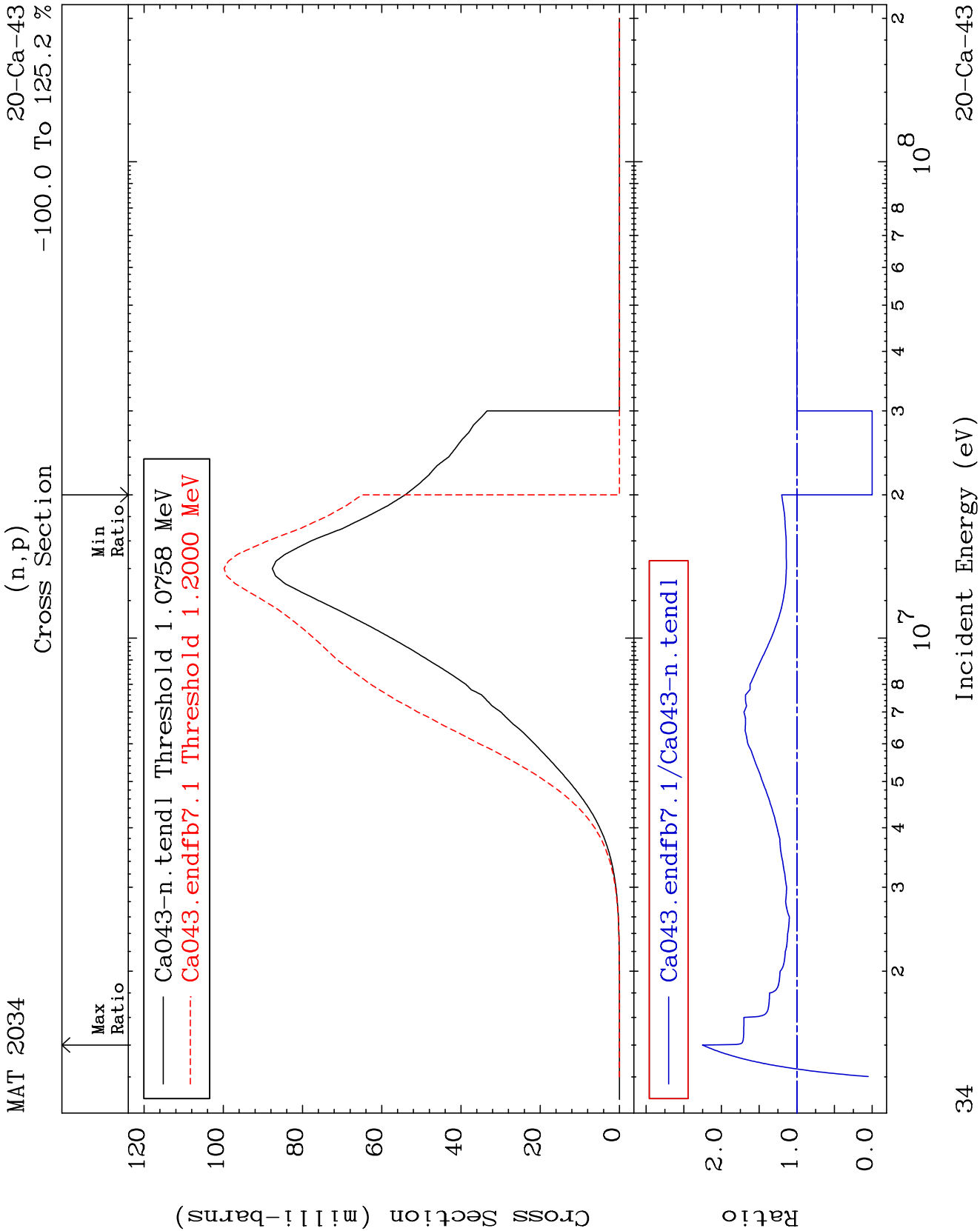
(n, γ)

20-Ca-43

Cross Section

-100.0 To 9999. %





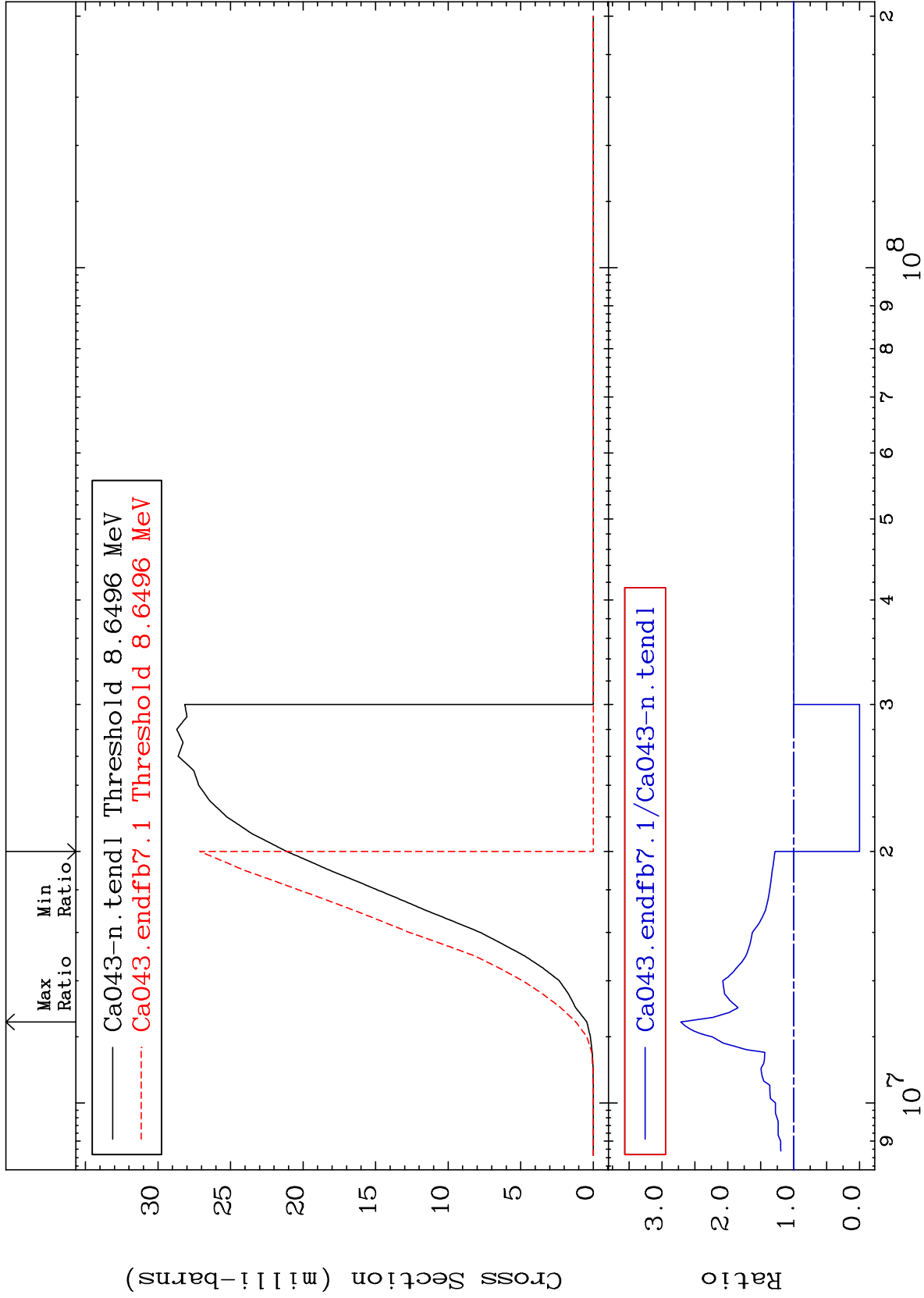
MAT 2034

(n, d)

20-Ca-43

Cross Section

-100.0 To 171.4 %



35

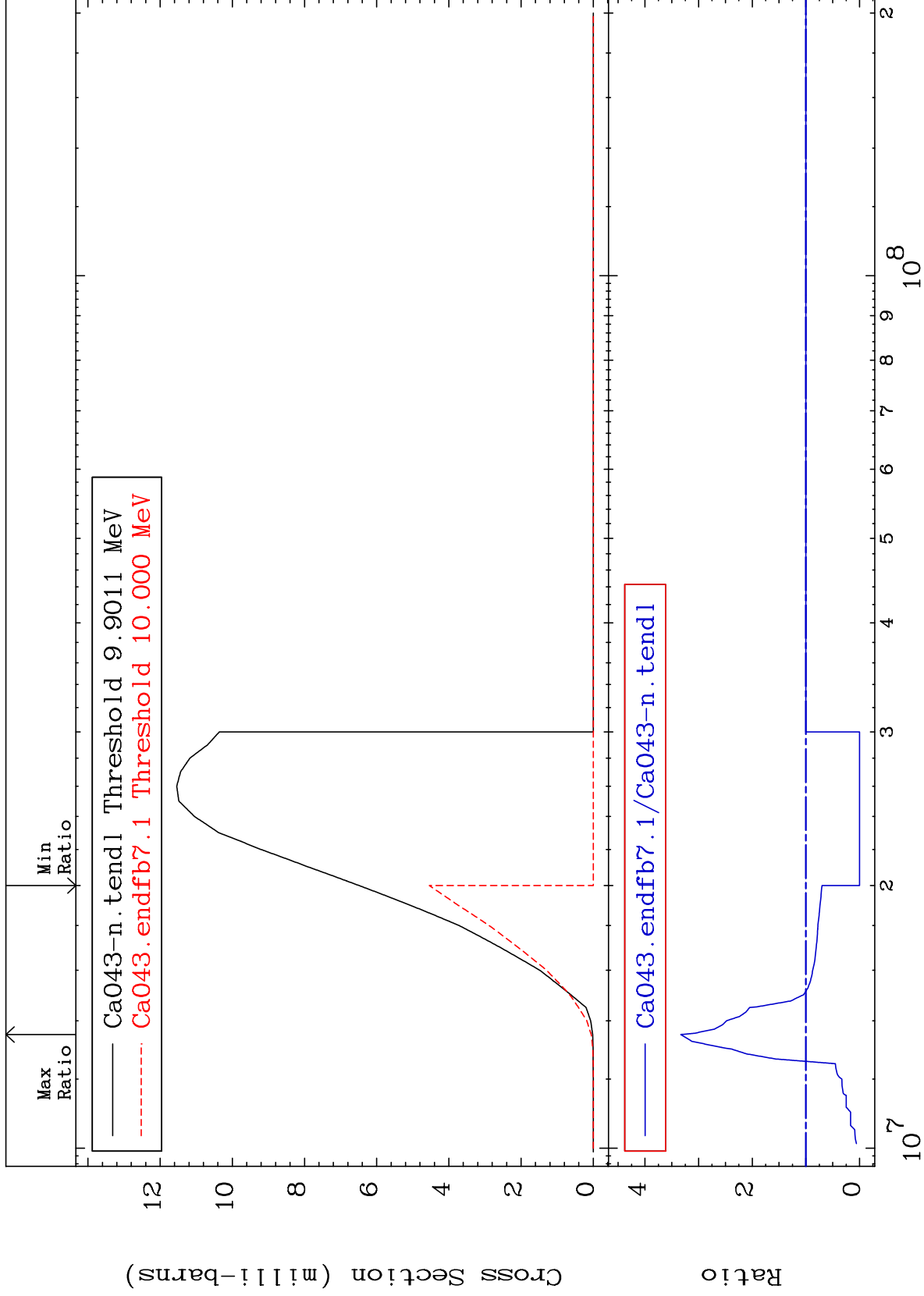
Incident Energy (eV)

20-Ca-43

MAT 2034

(n, t)
Cross Section

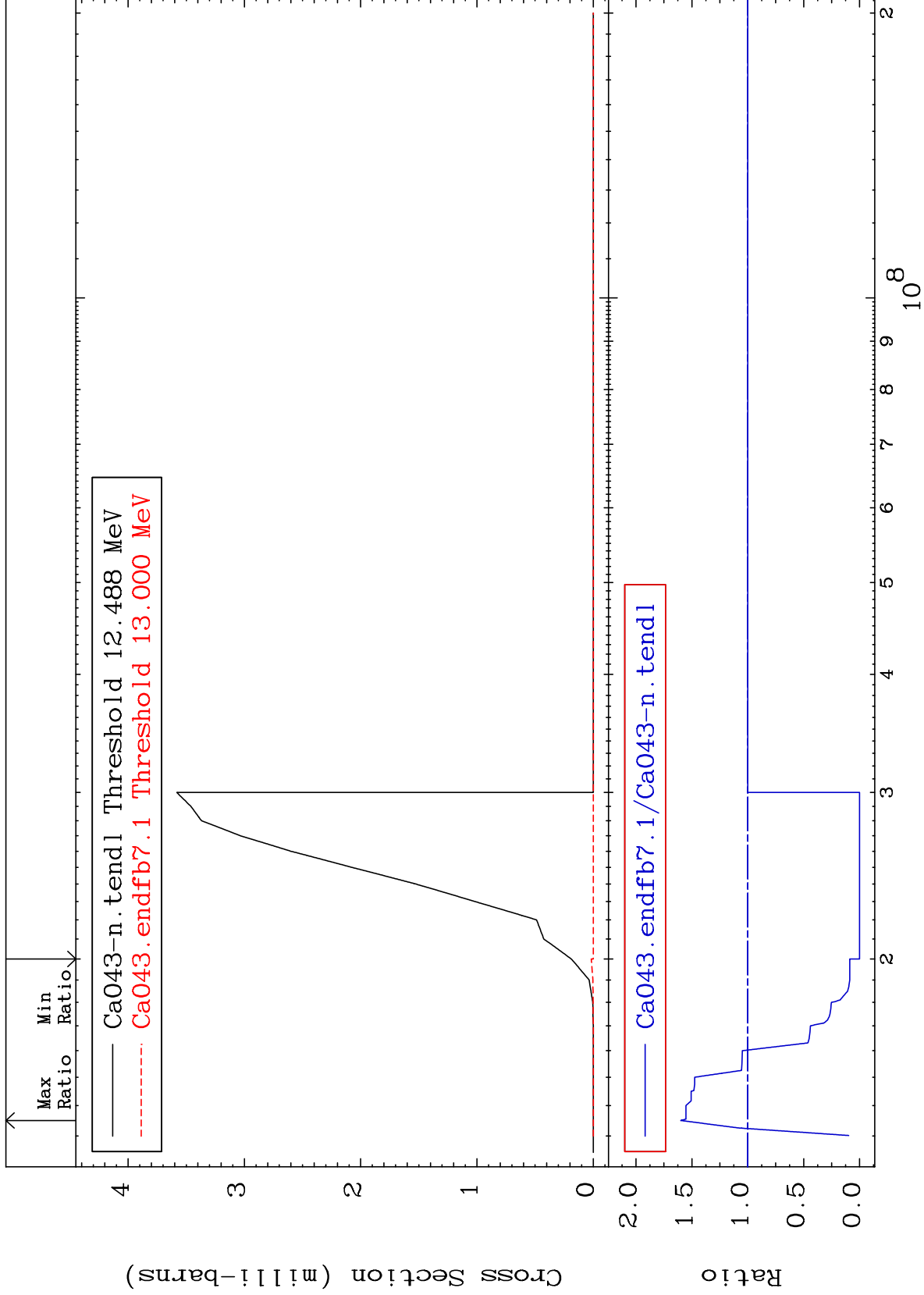
20-Ca-43
-100.0 To 233.3 %



36

Incident Energy (eV)

20-Ca-43

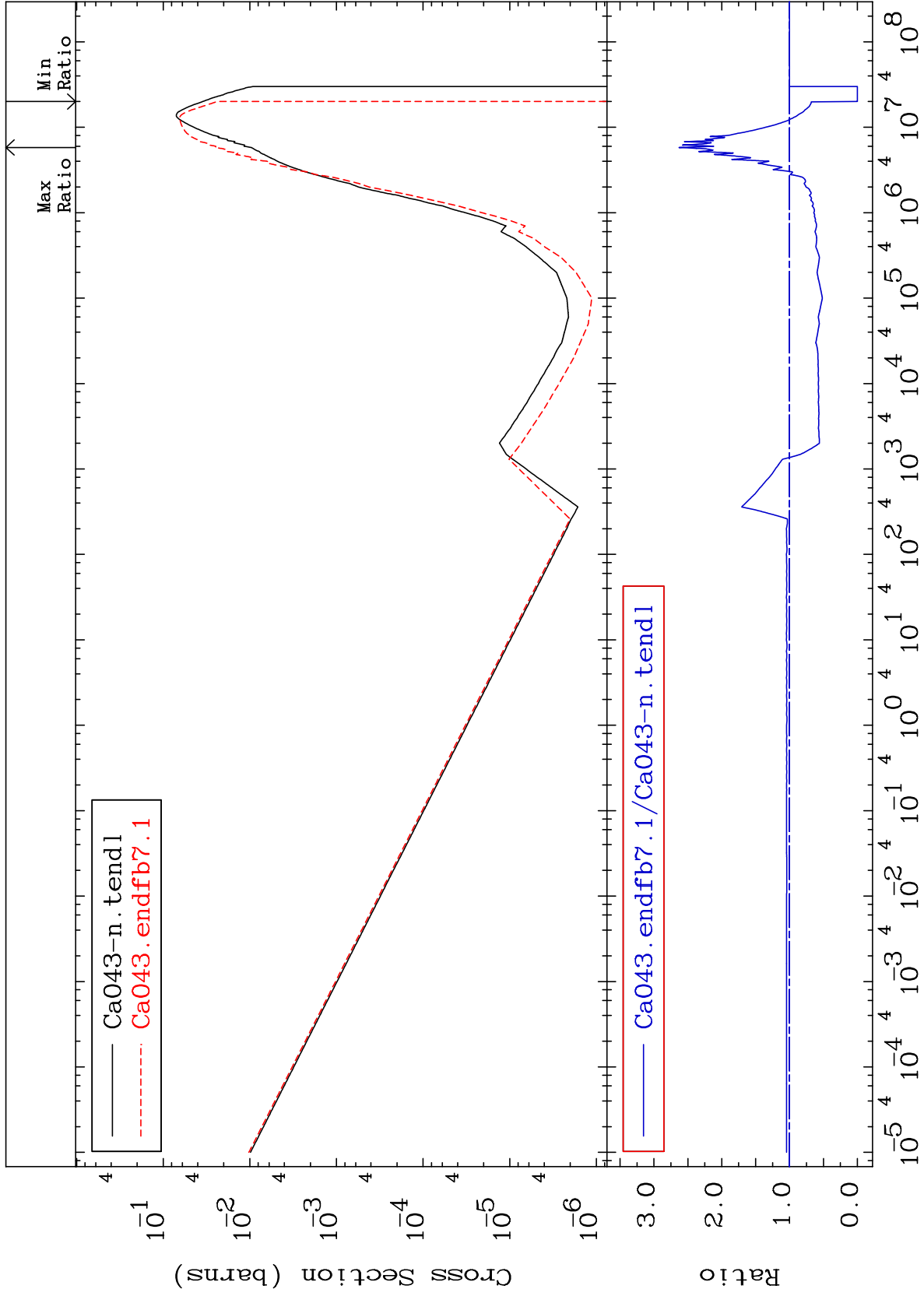


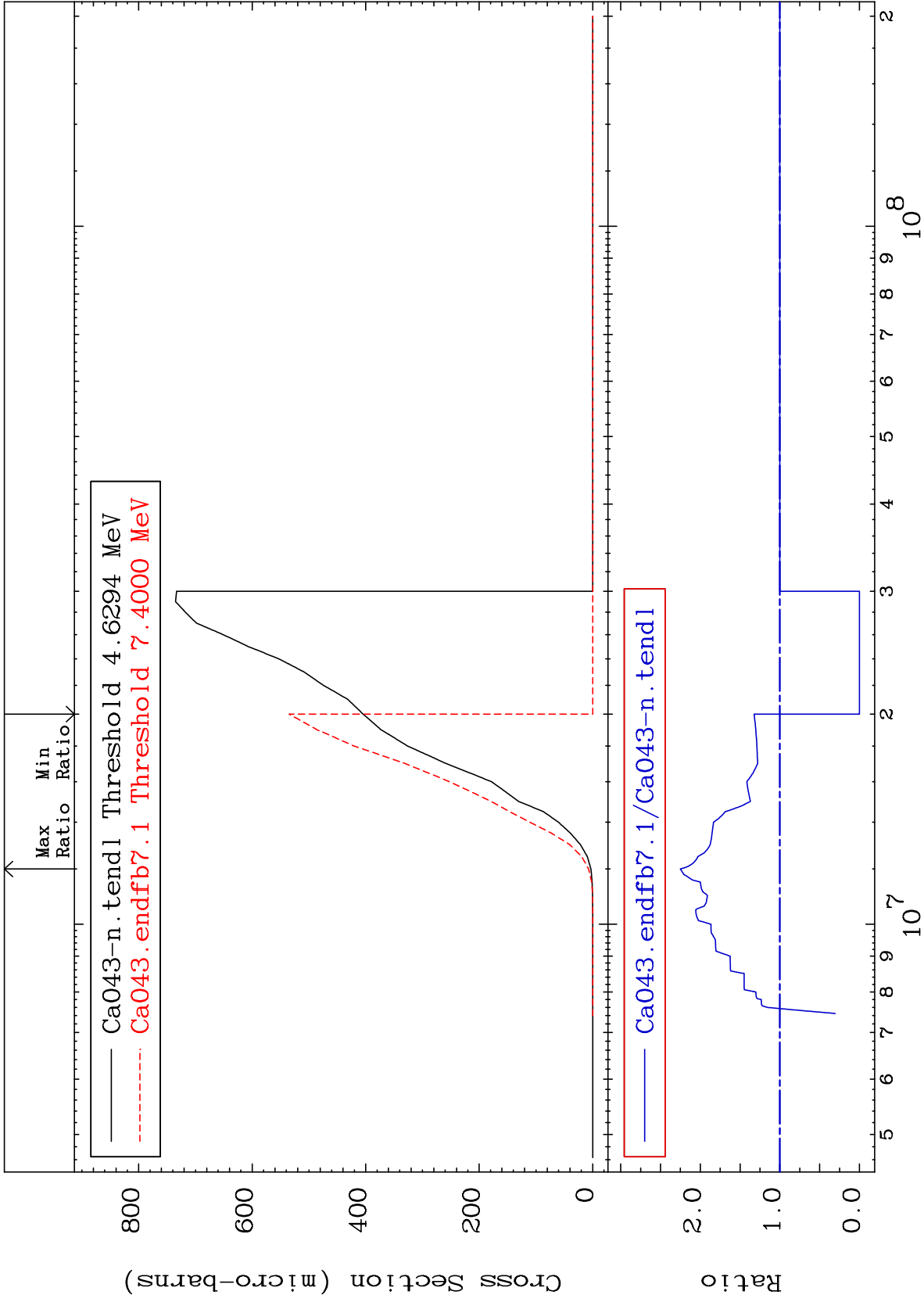
MAT 2034

(n, α)
Cross Section

20-Ca-43

-100.0 To 163.0 %

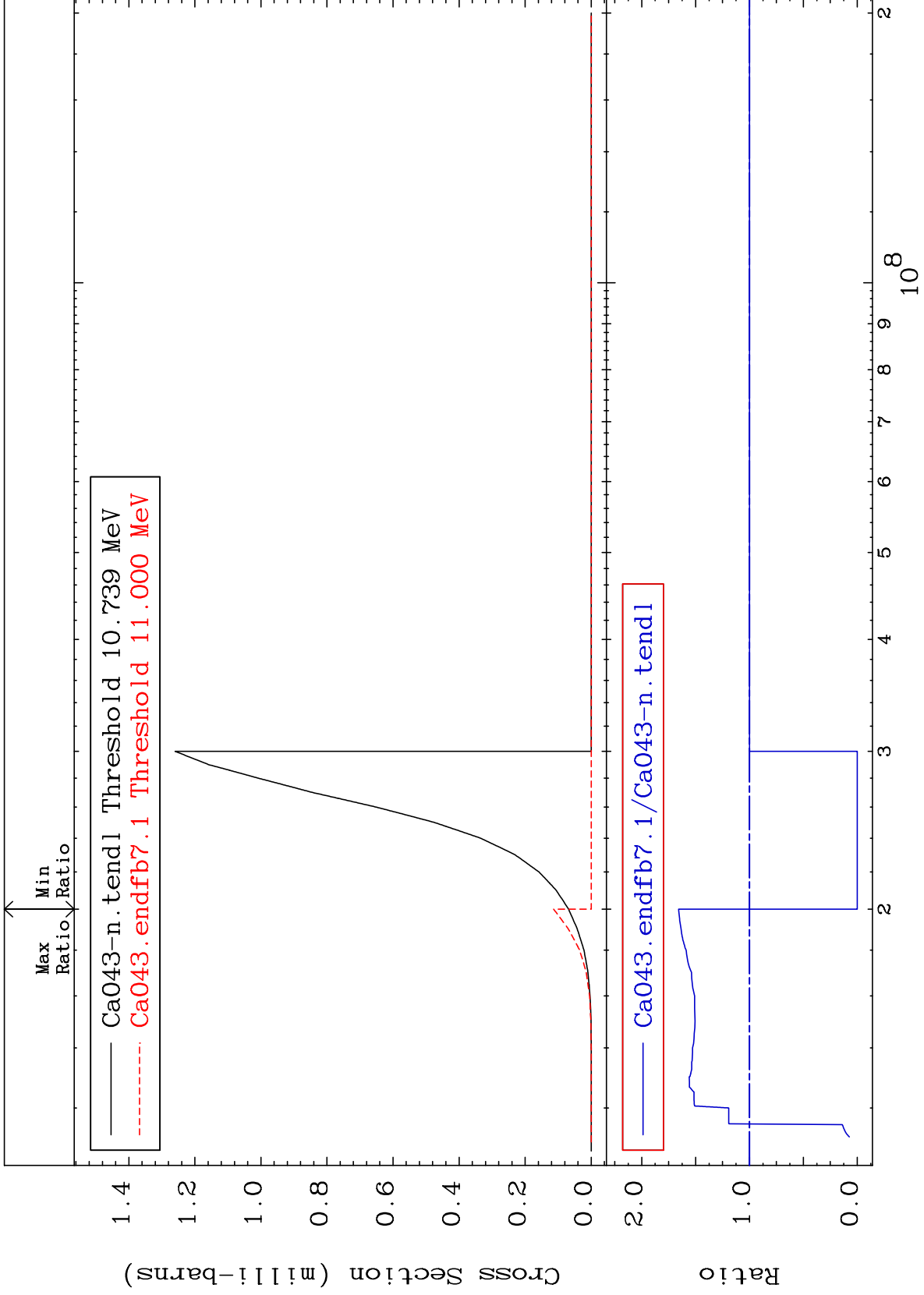




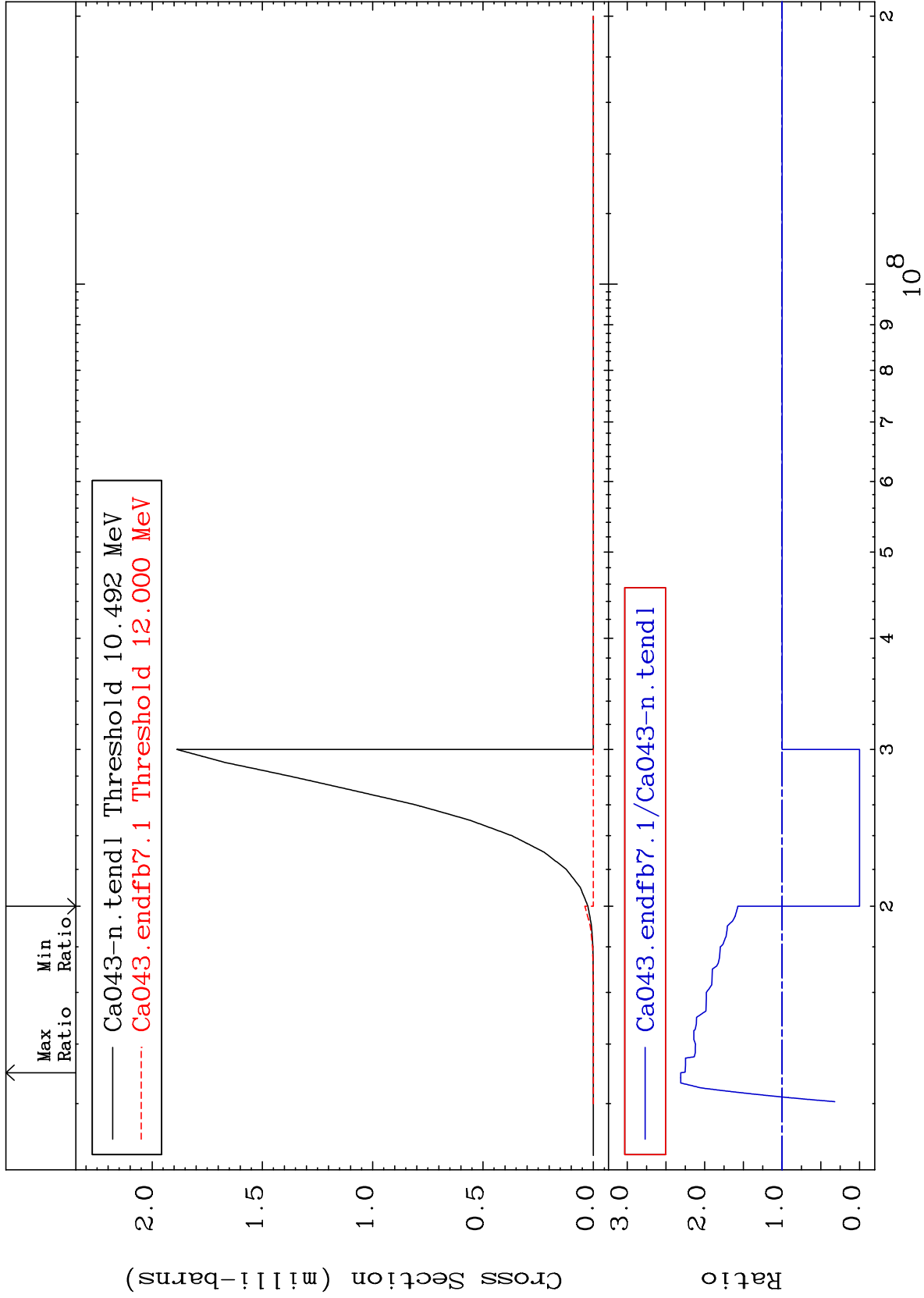
MAT 2034

(n,2p)
Cross Section

20-Ca-43
-100.0 To 65.73 %



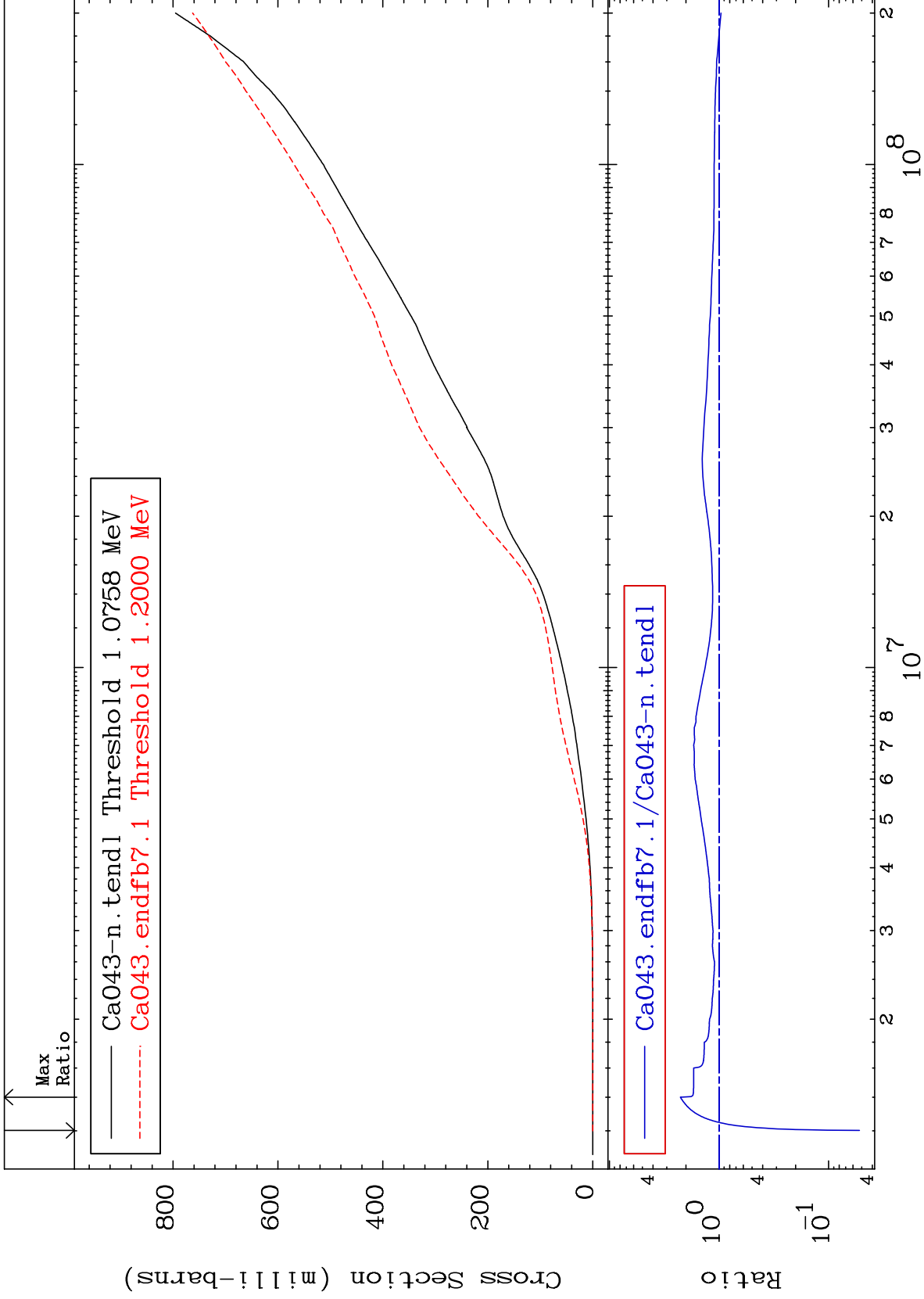
40



MAT 2034

Hydrogen Production
Cross Section

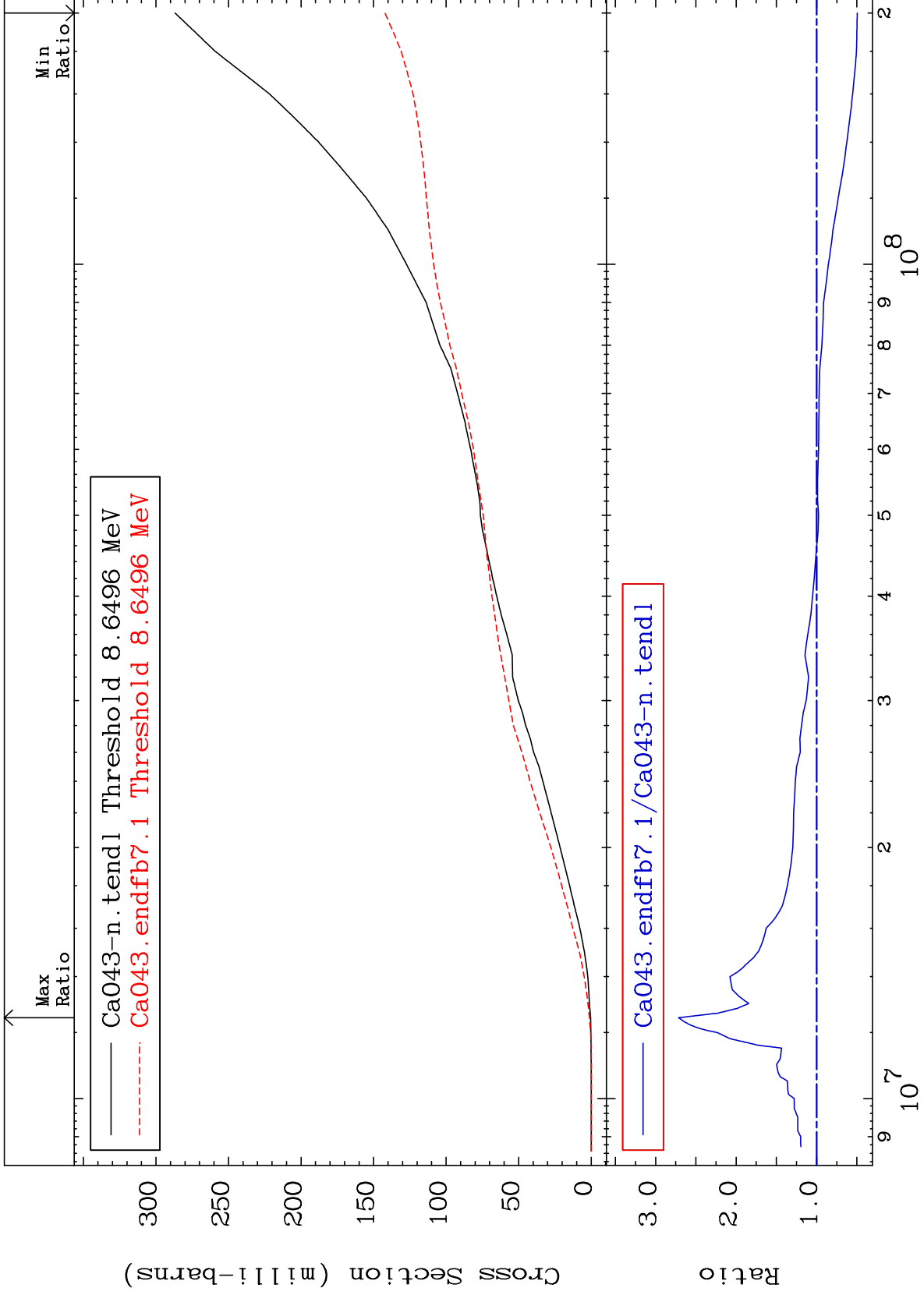
20-Ca-43
-94.76 To 125.2 %



MAT 2034

Deuterium Production
Cross Section

20-Ca-43
-50.44 To 171.4 %



43

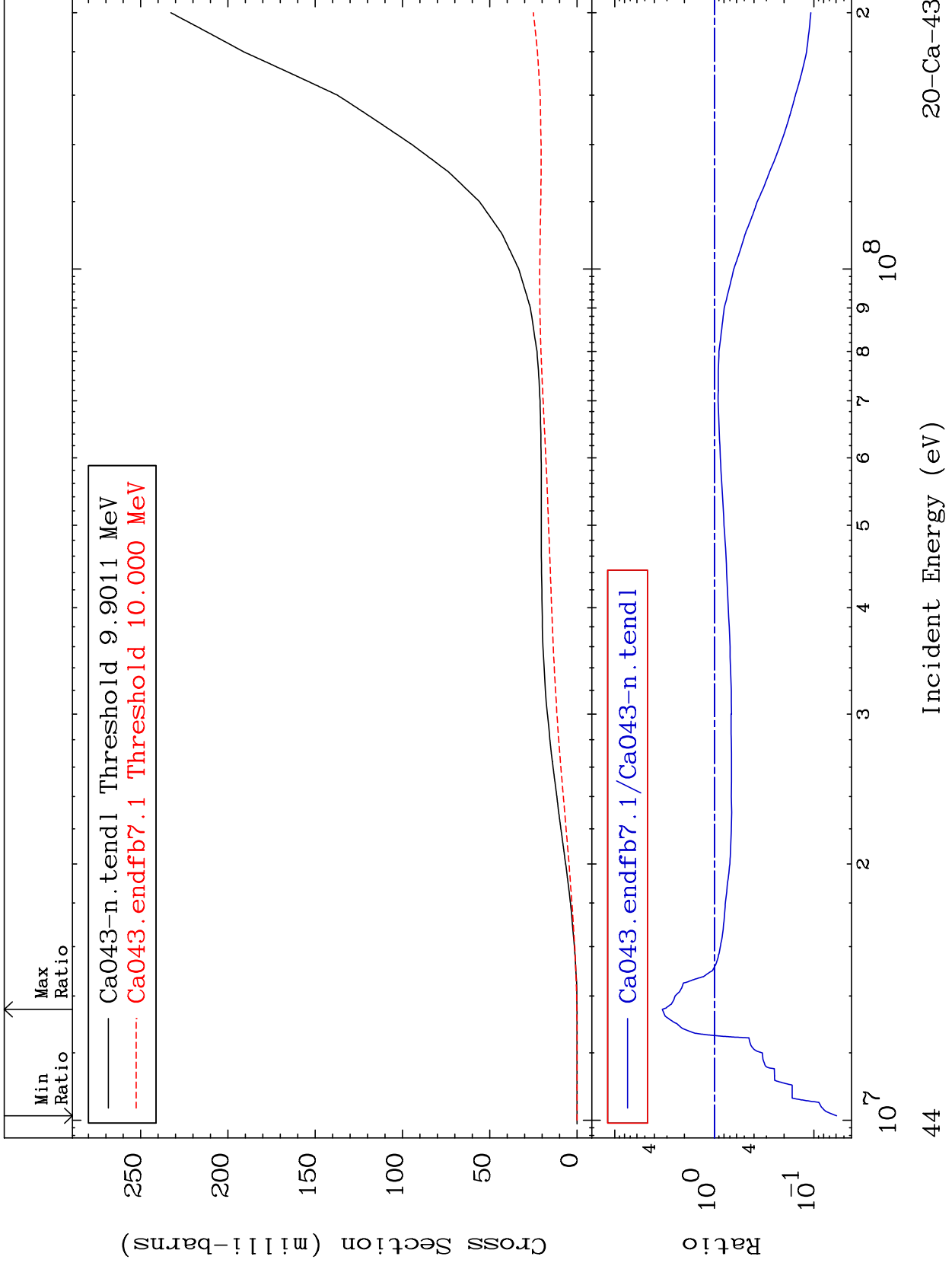
Incident Energy (eV)

20-Ca-43

MAT 2034

Tritium Production
Cross Section

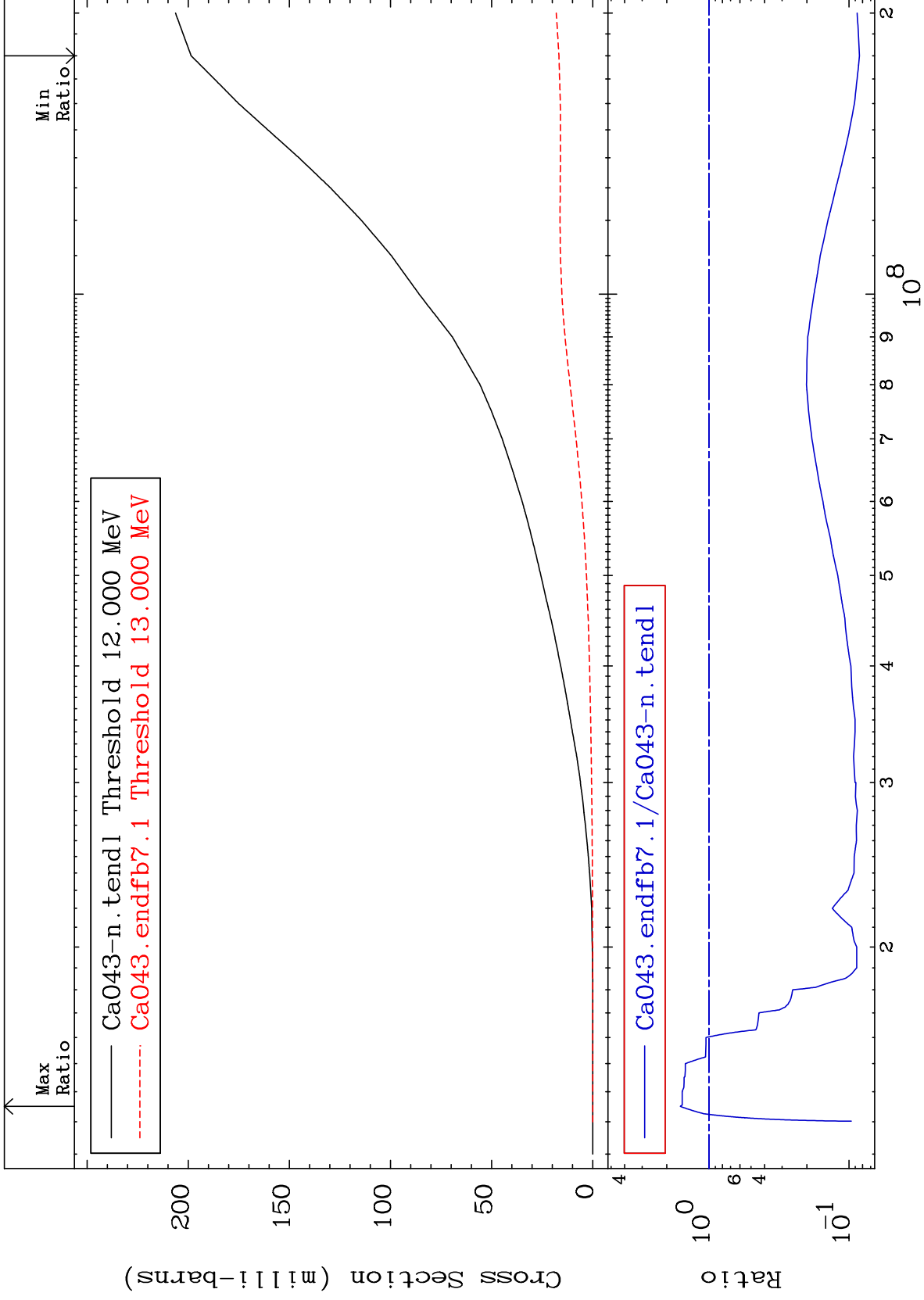
20-Ca-43
-94.08 To 233.3 %

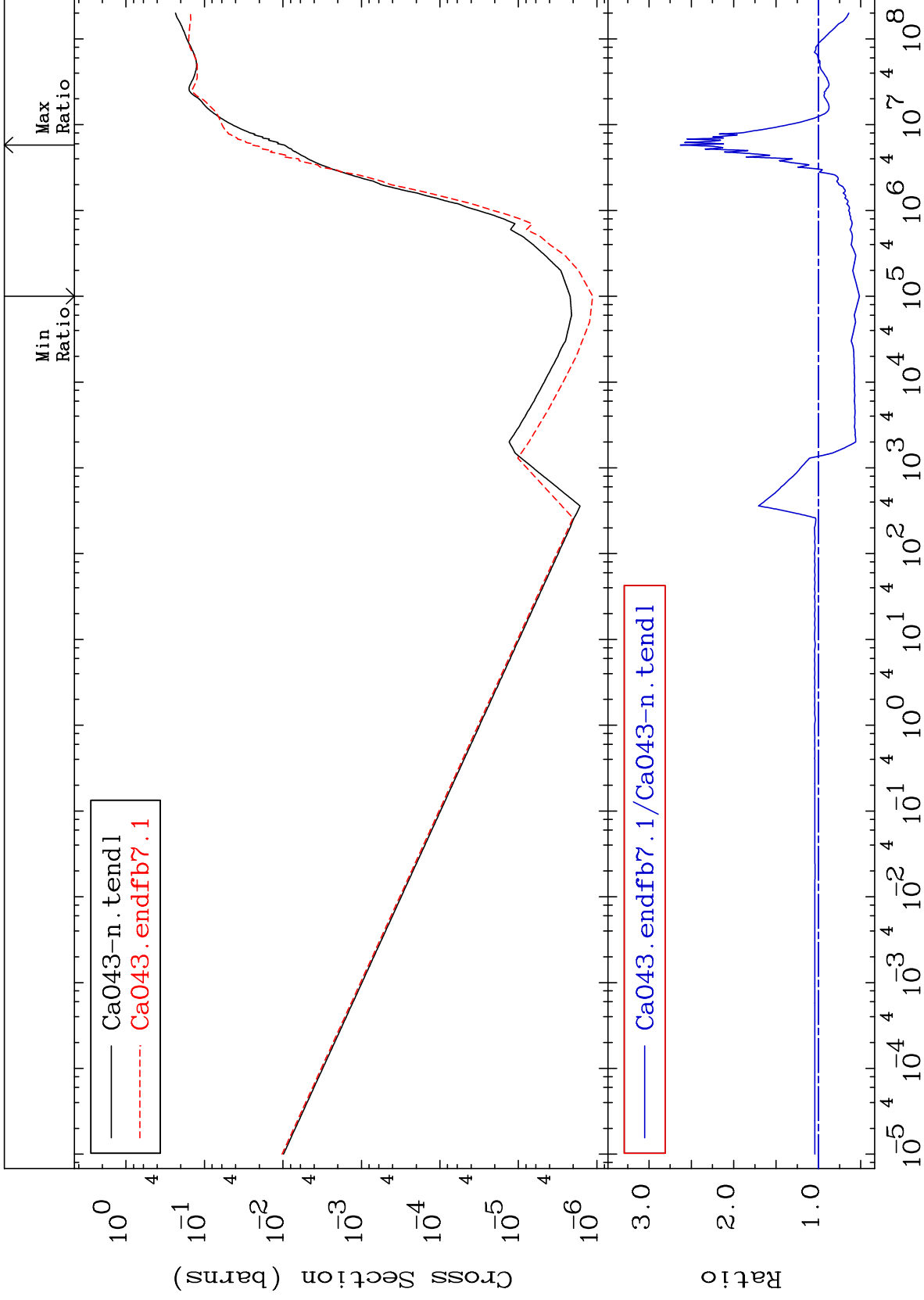


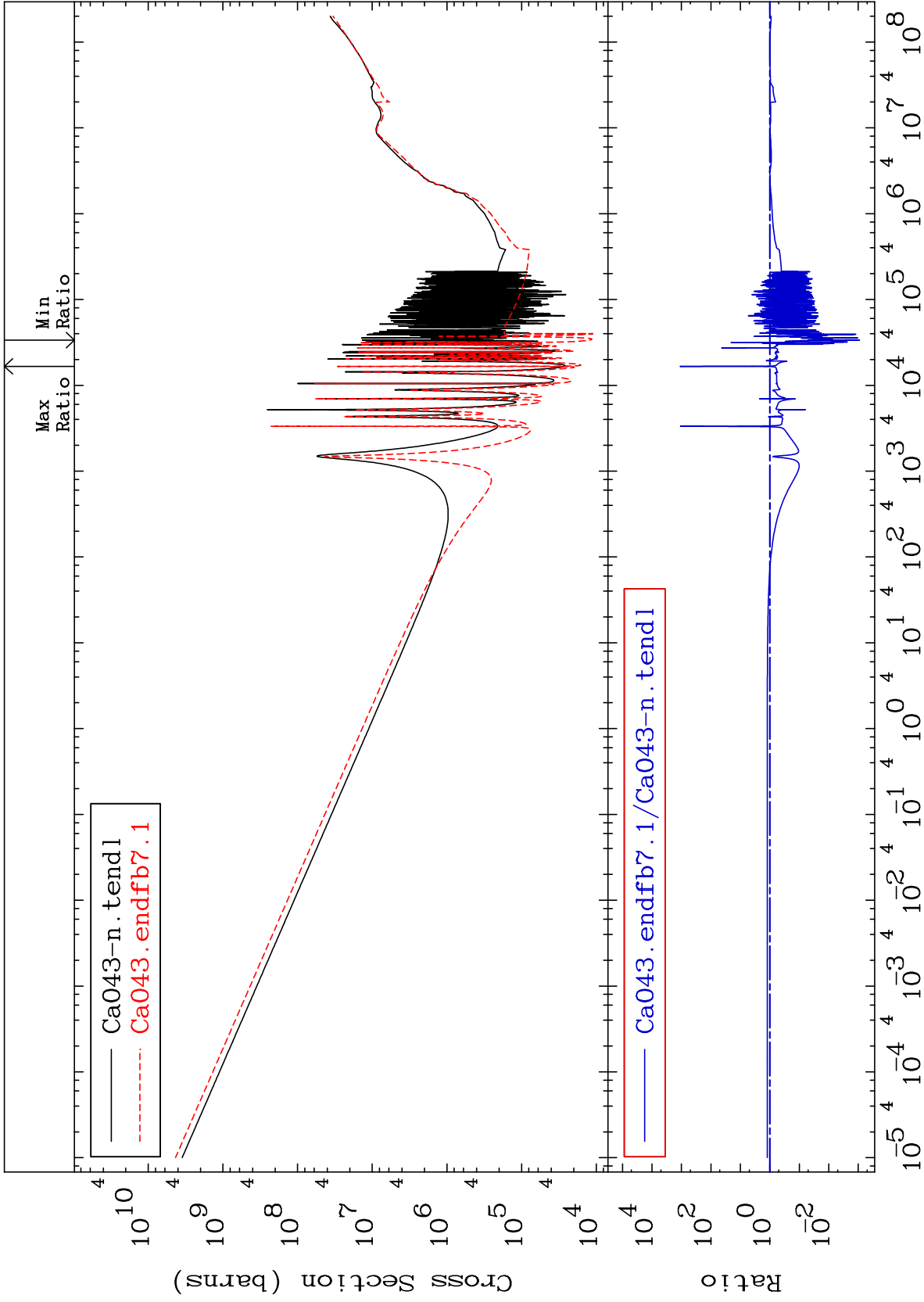
44

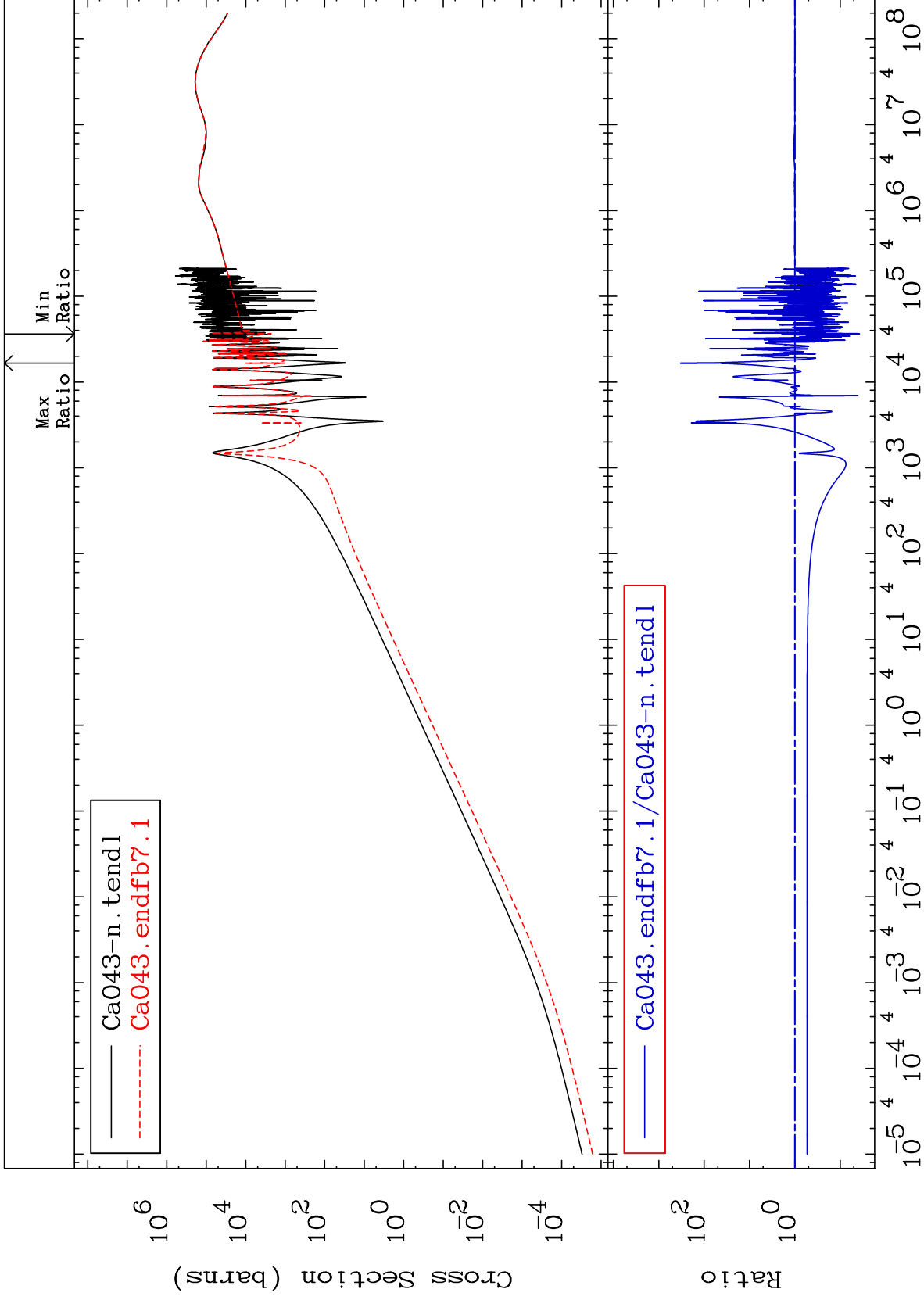
Incident Energy (eV)

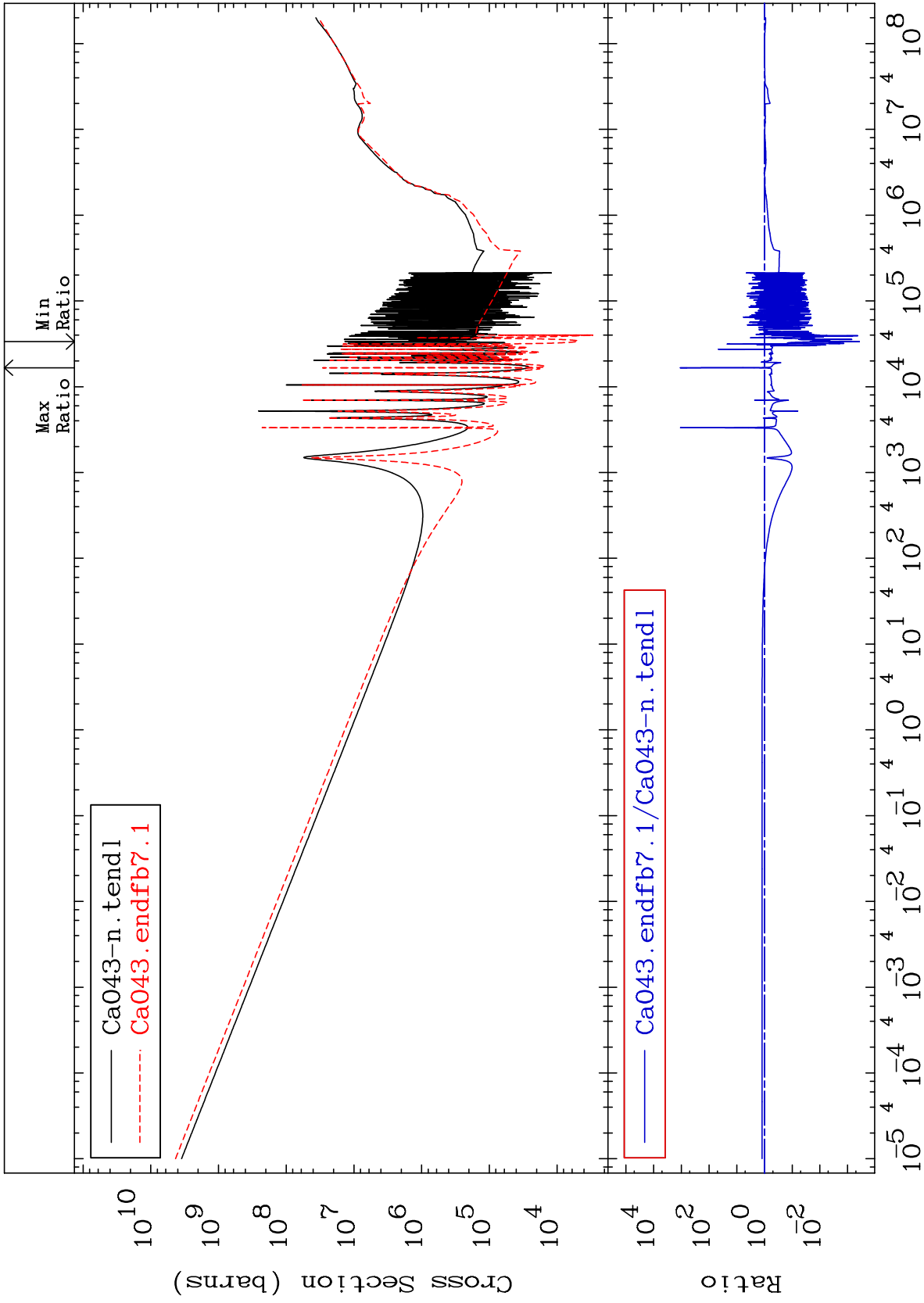
20-Ca-43

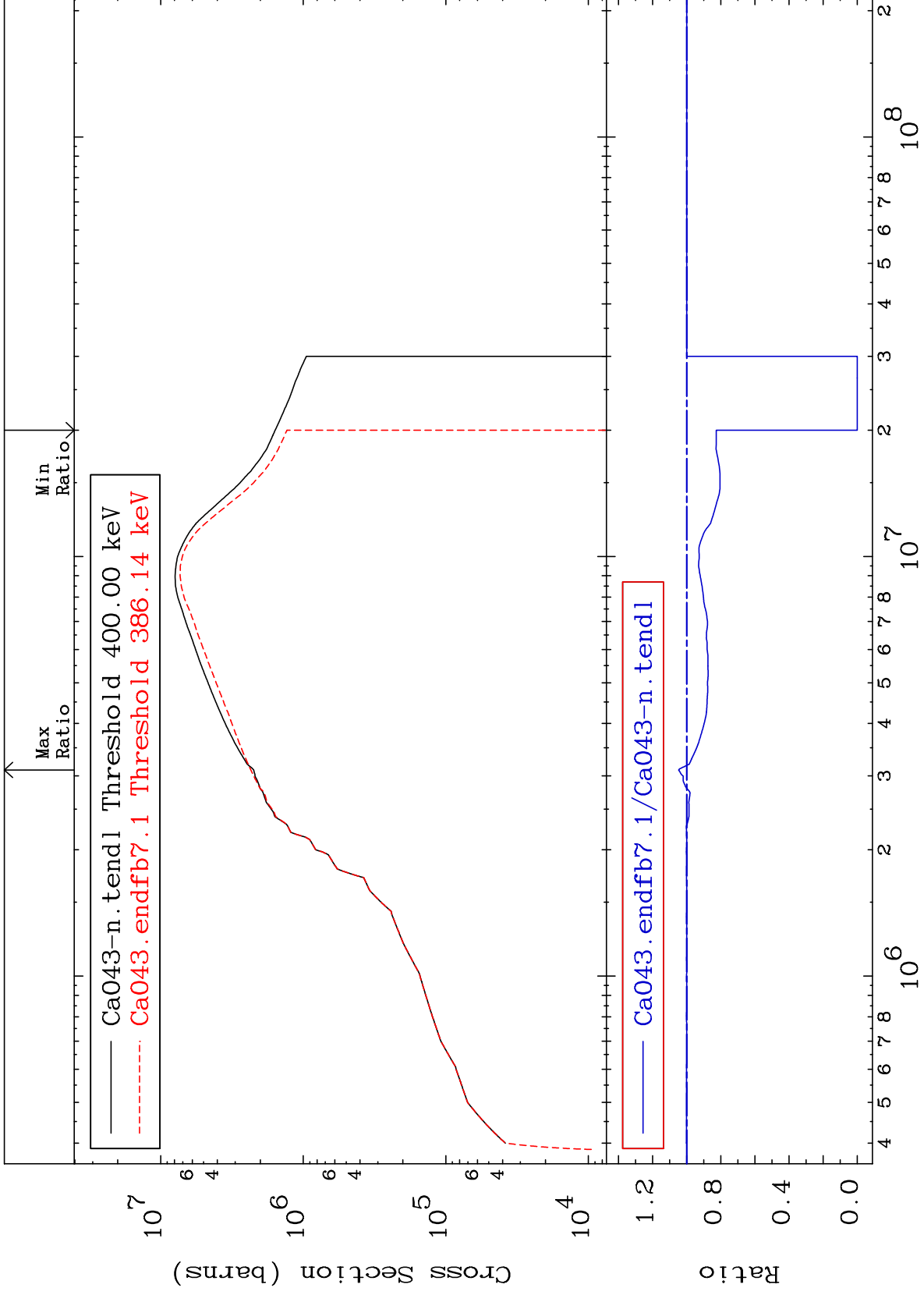


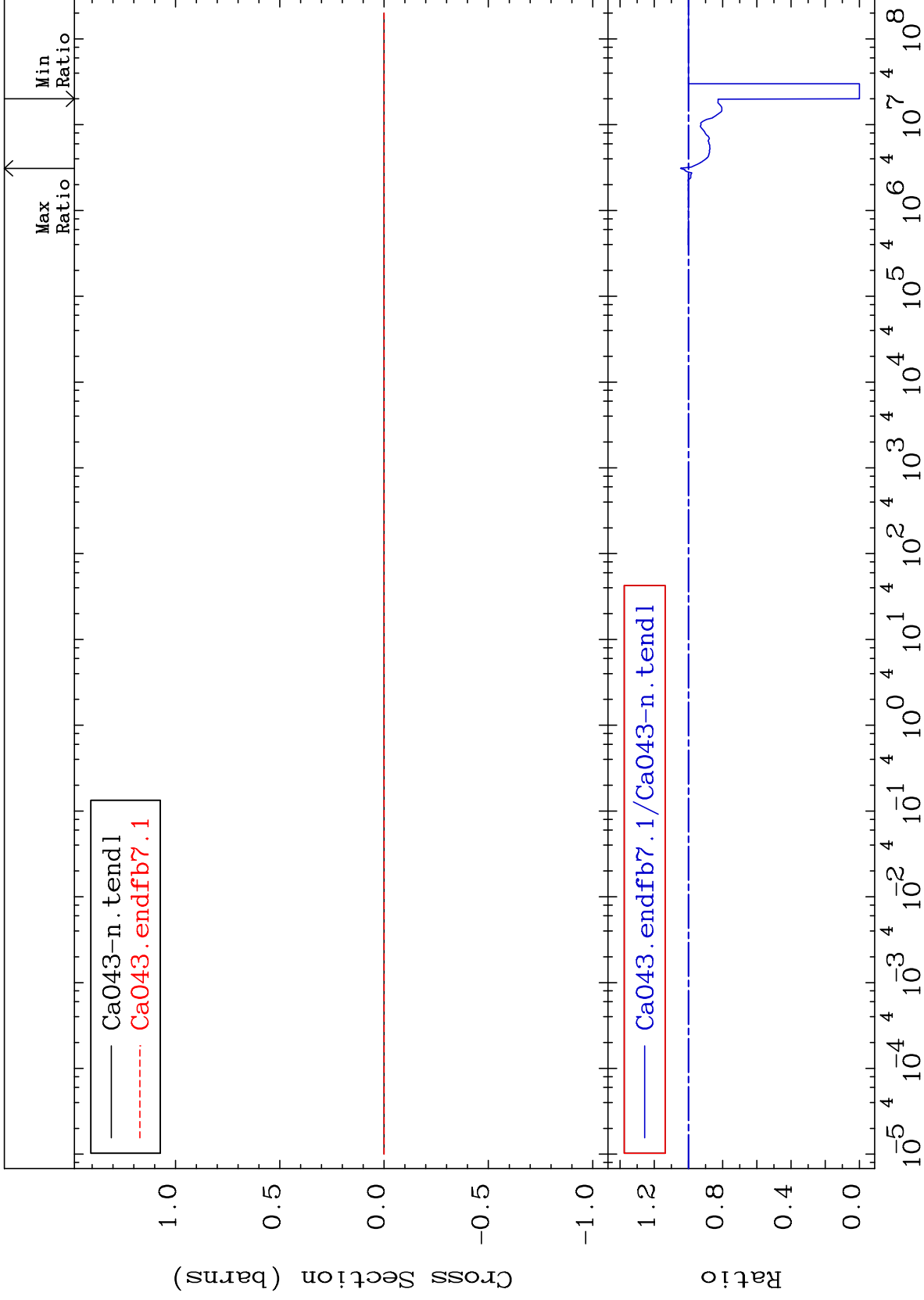








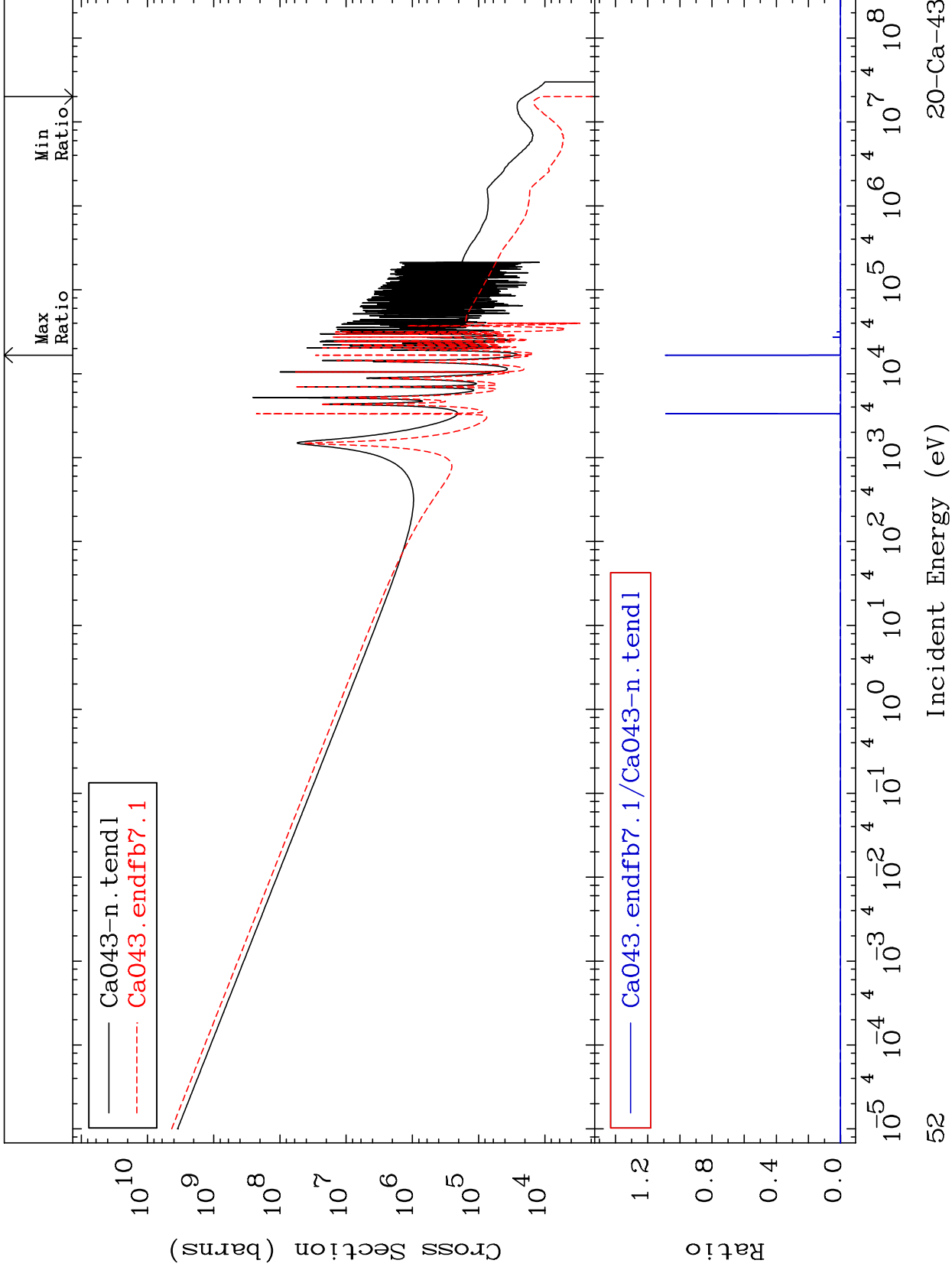


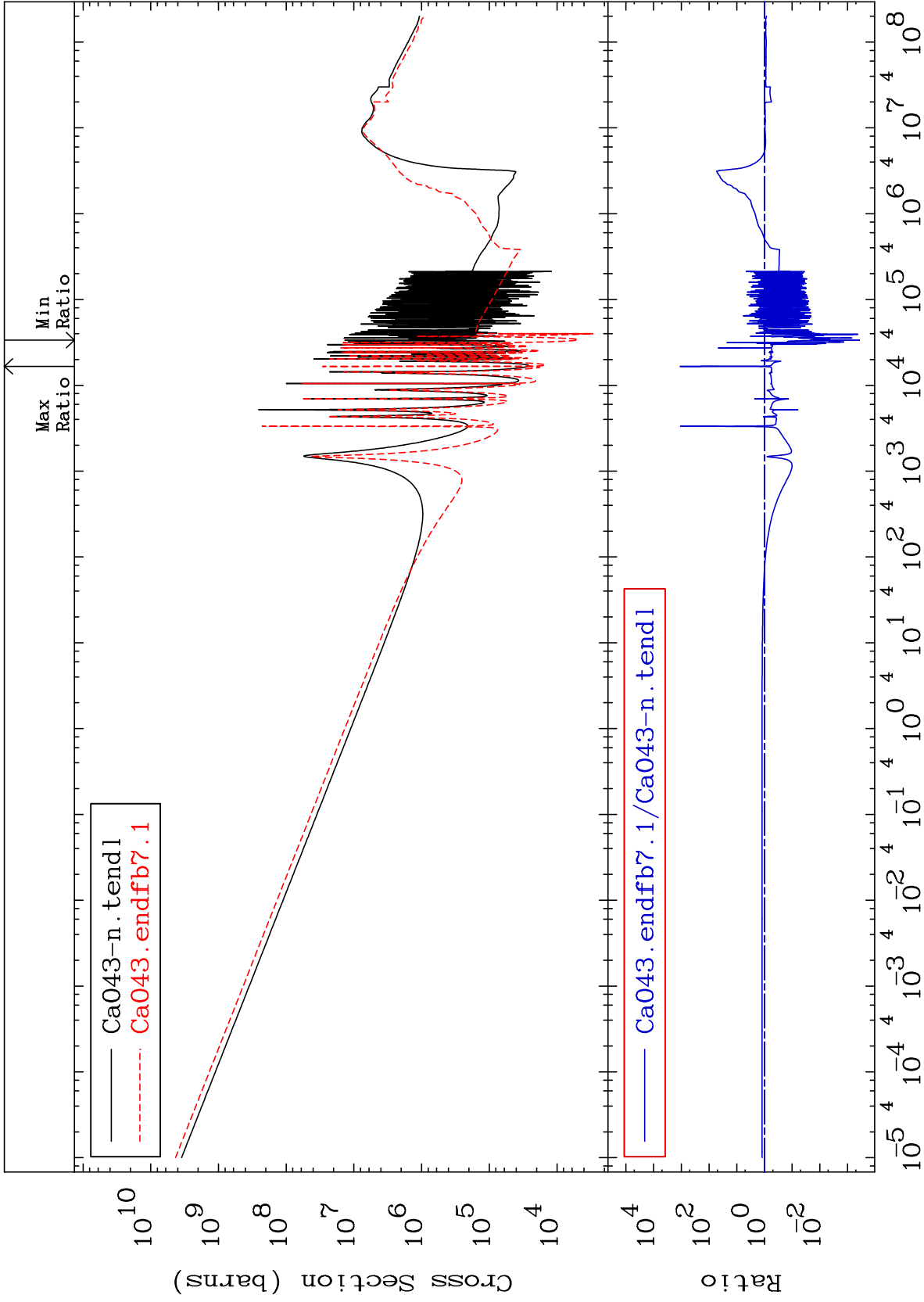


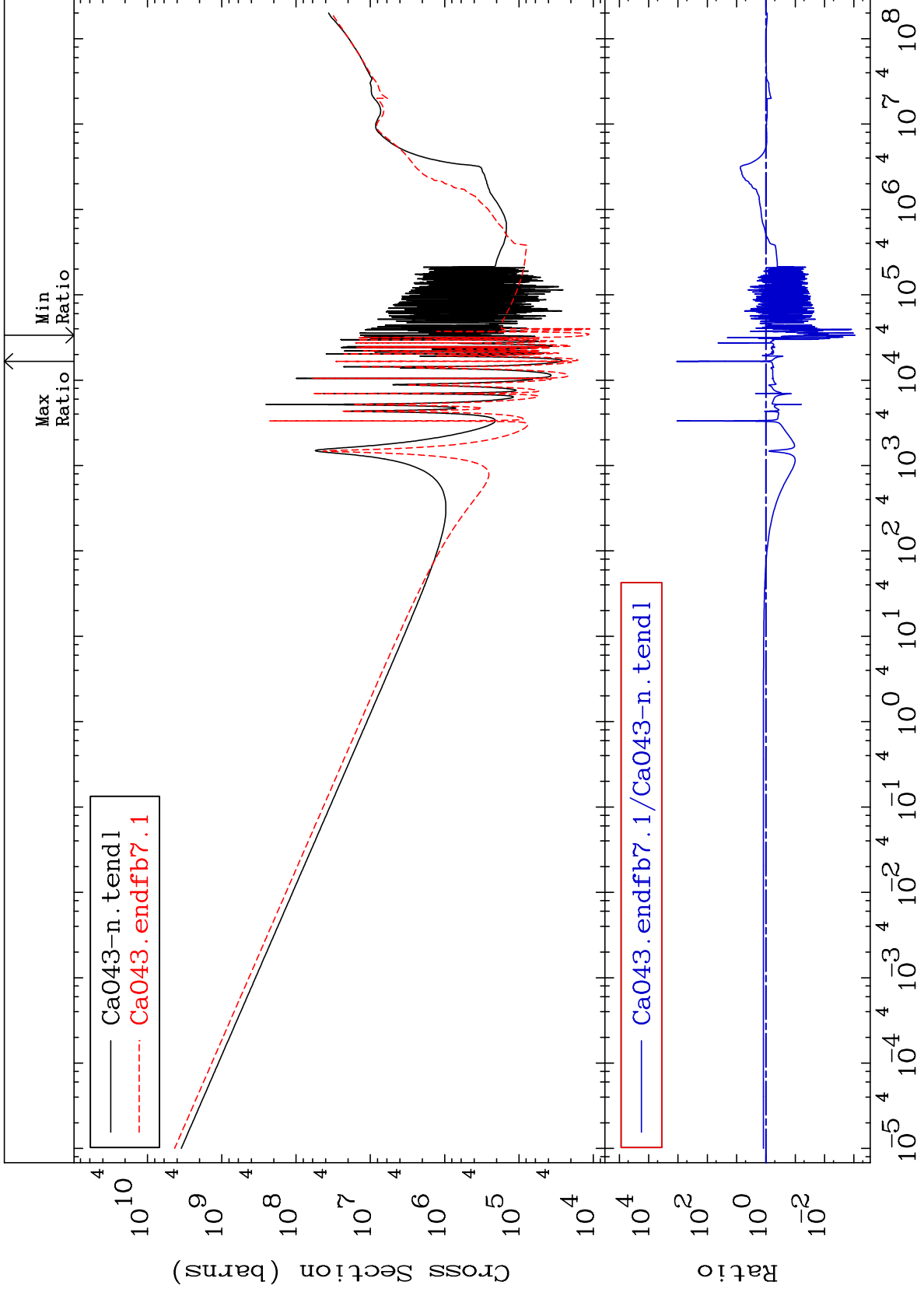
MAT 2034

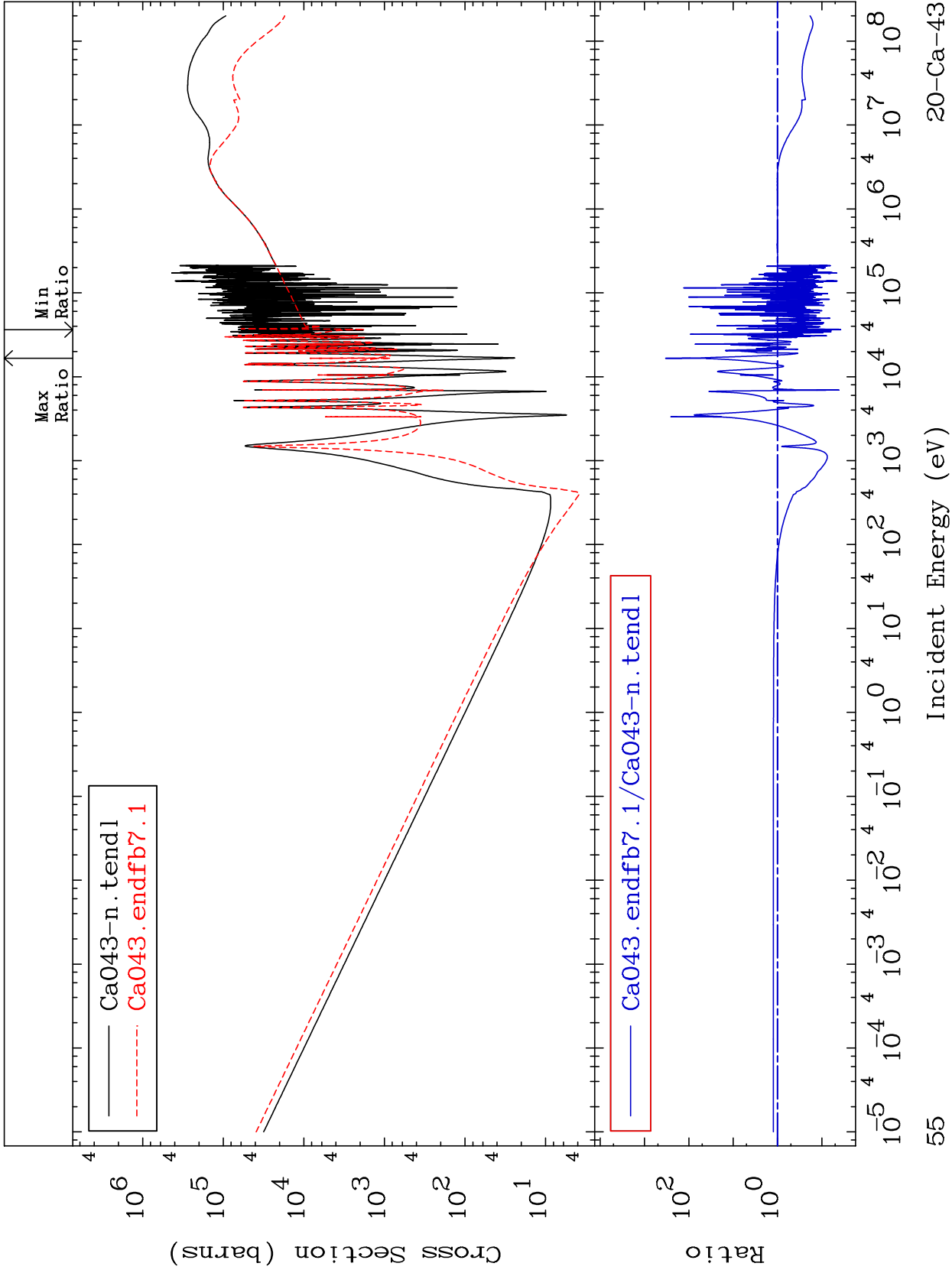
Kerma capture (mt102)
Cross Section

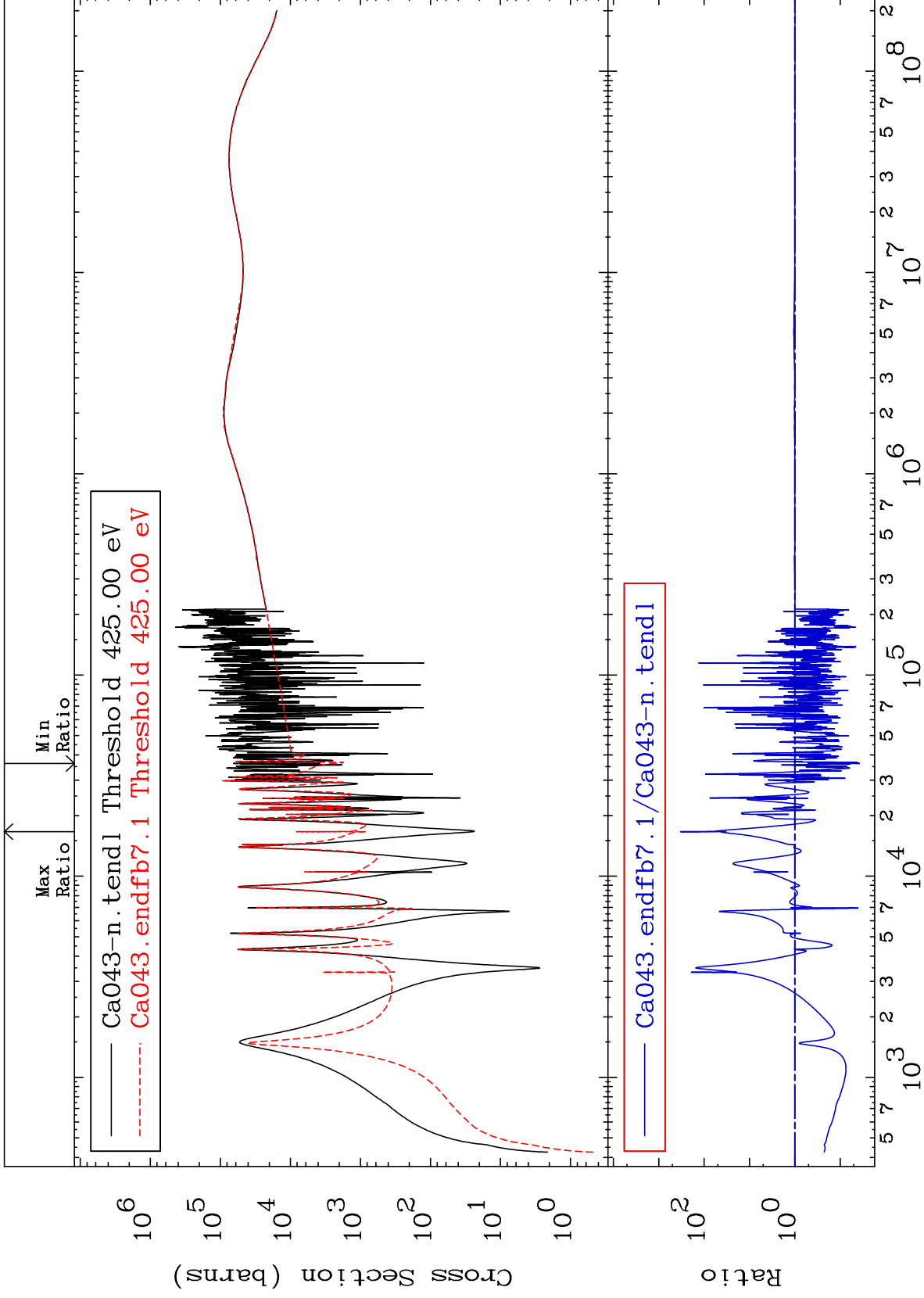
20-Ca-43
-100.0 To 9999. %



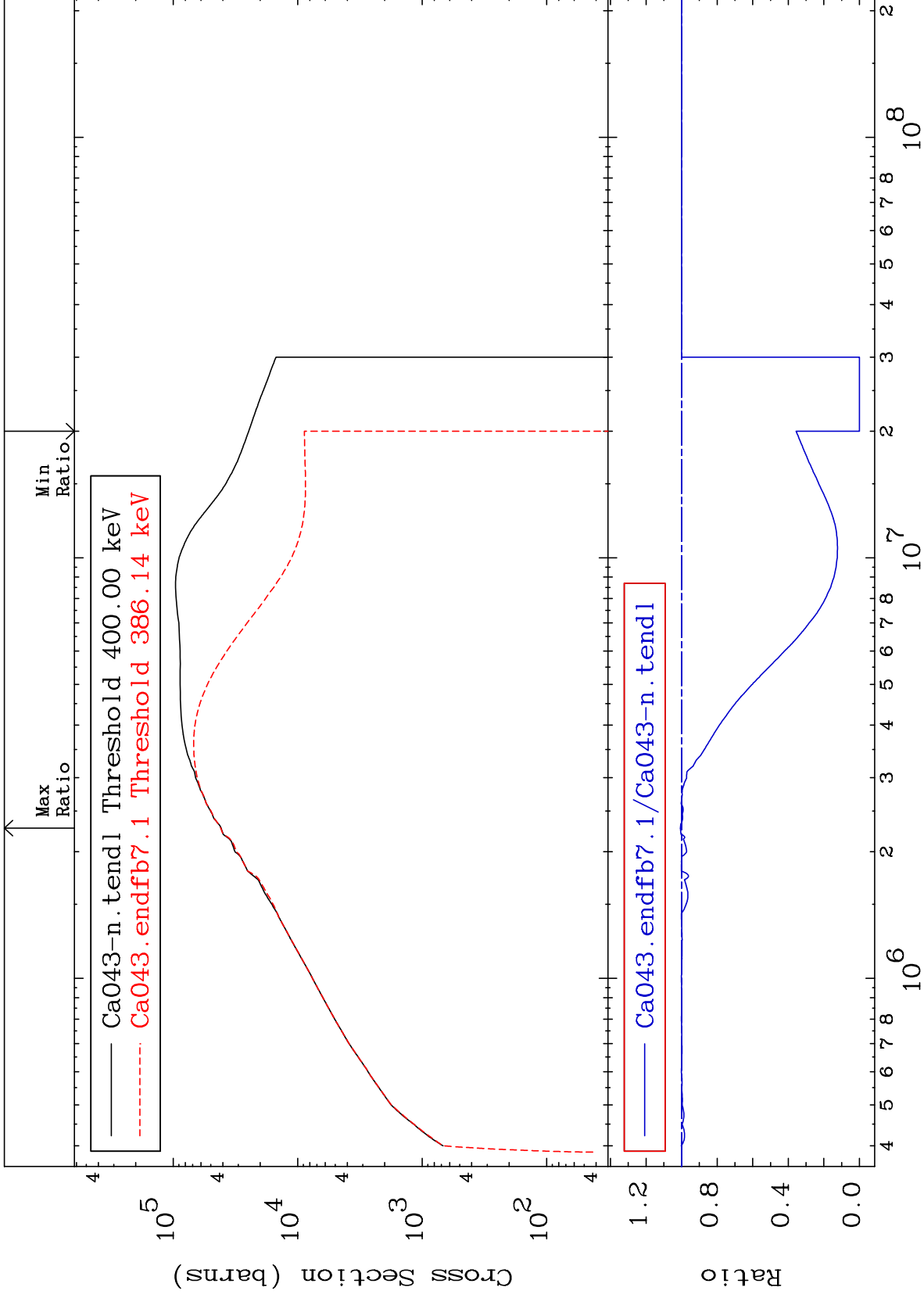








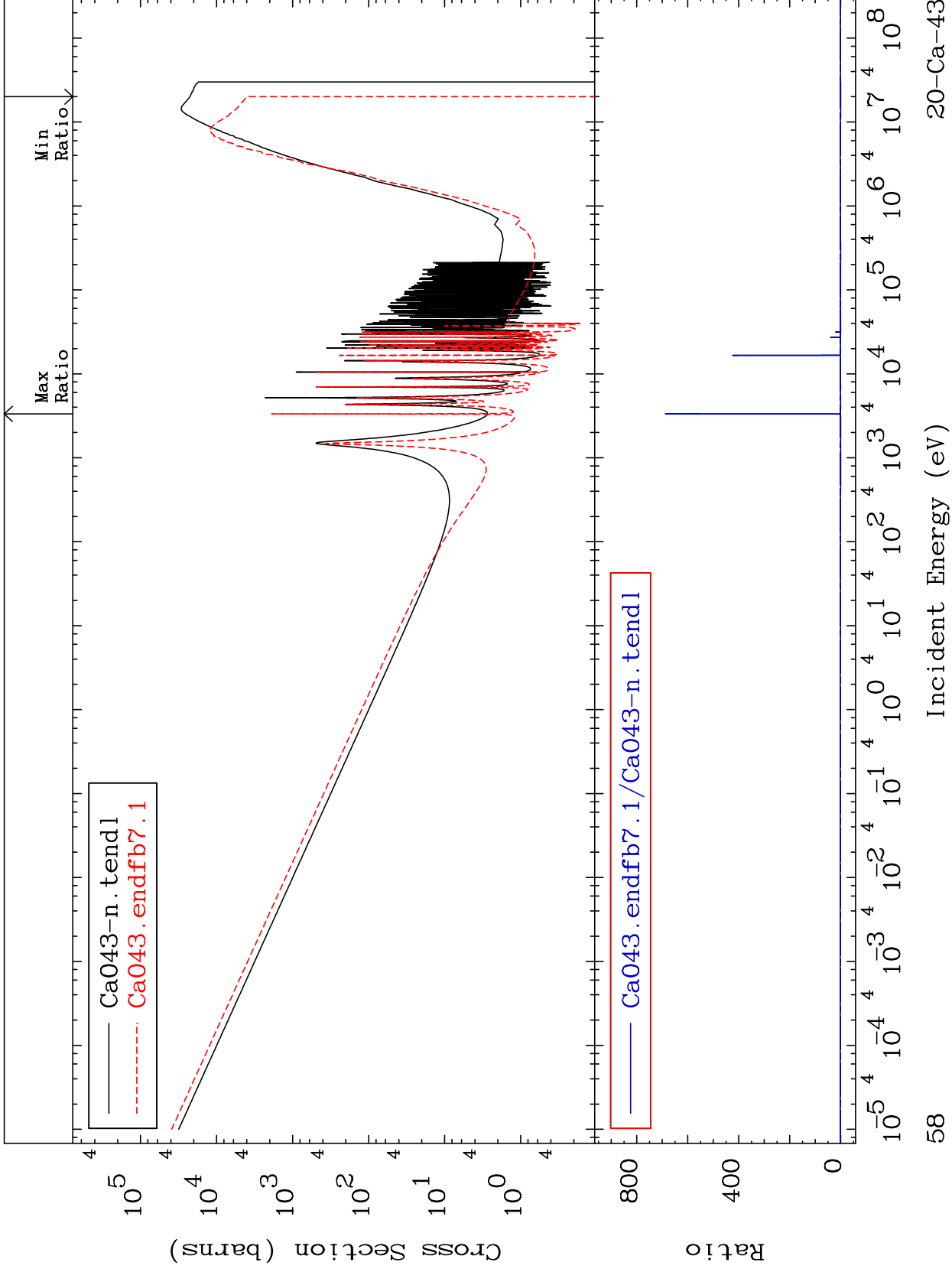
-100.0 To 0.690 %



MAT 2034

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-43
-100.0 To 9999. %



58

Incident Energy (eV)

20-Ca-43