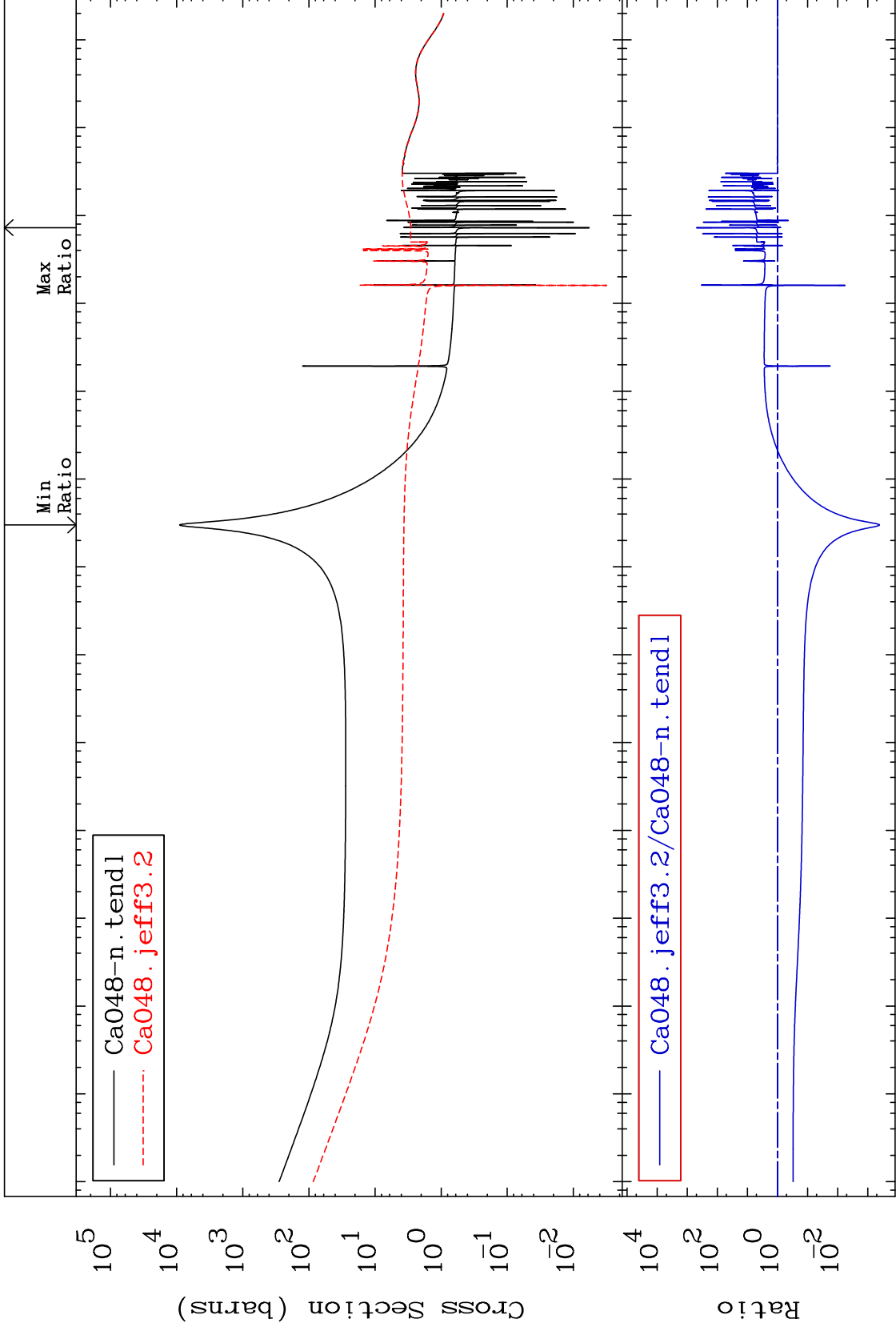


MAT 2049

Total
Cross Section

20-Ca-48
-99.96 To 9999. %



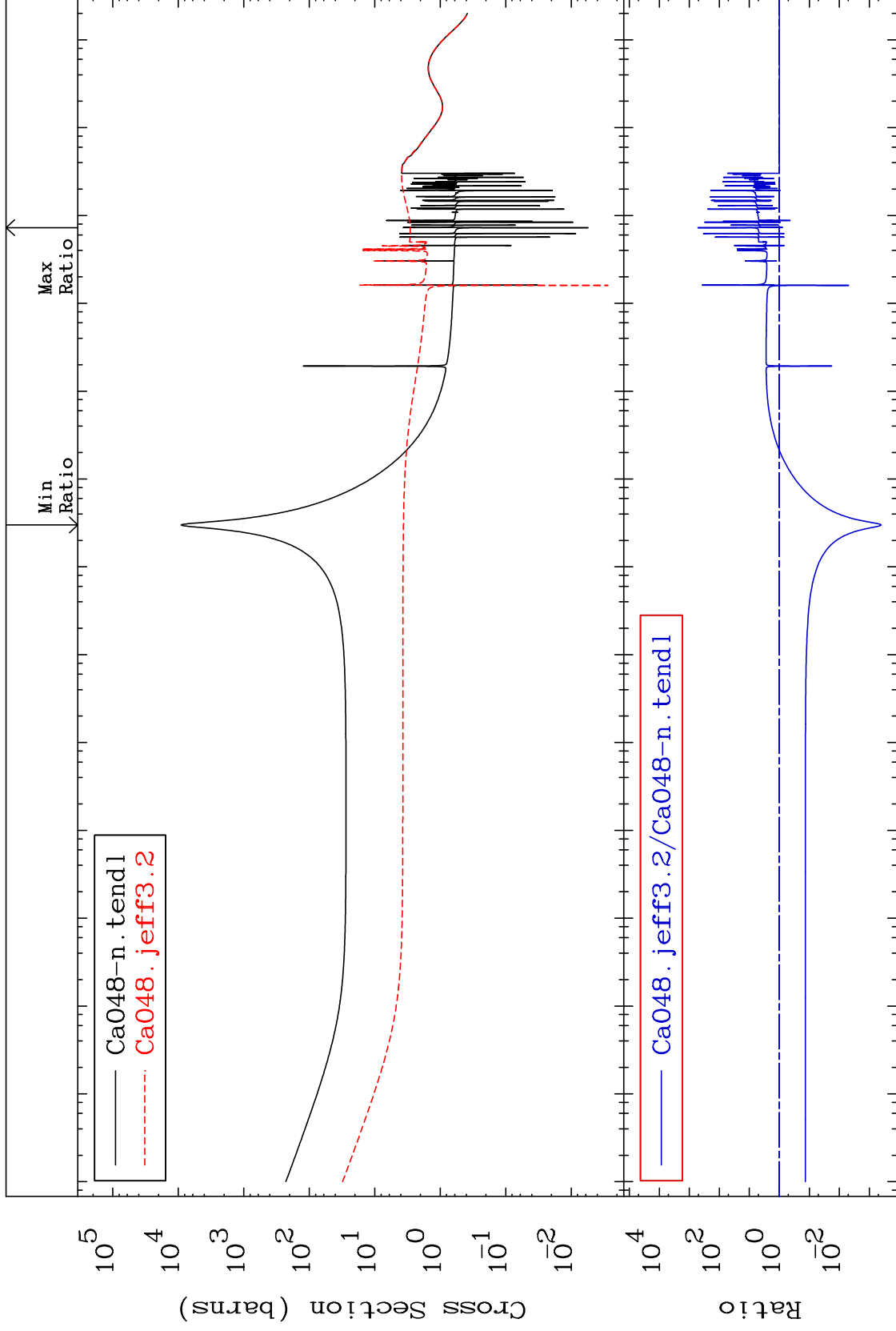
Incident Energy (eV)

20-Ca-48

MAT 2049

Elastic
Cross Section

20-Ca-48
-99.96 To 9999. %



Incident Energy (eV)

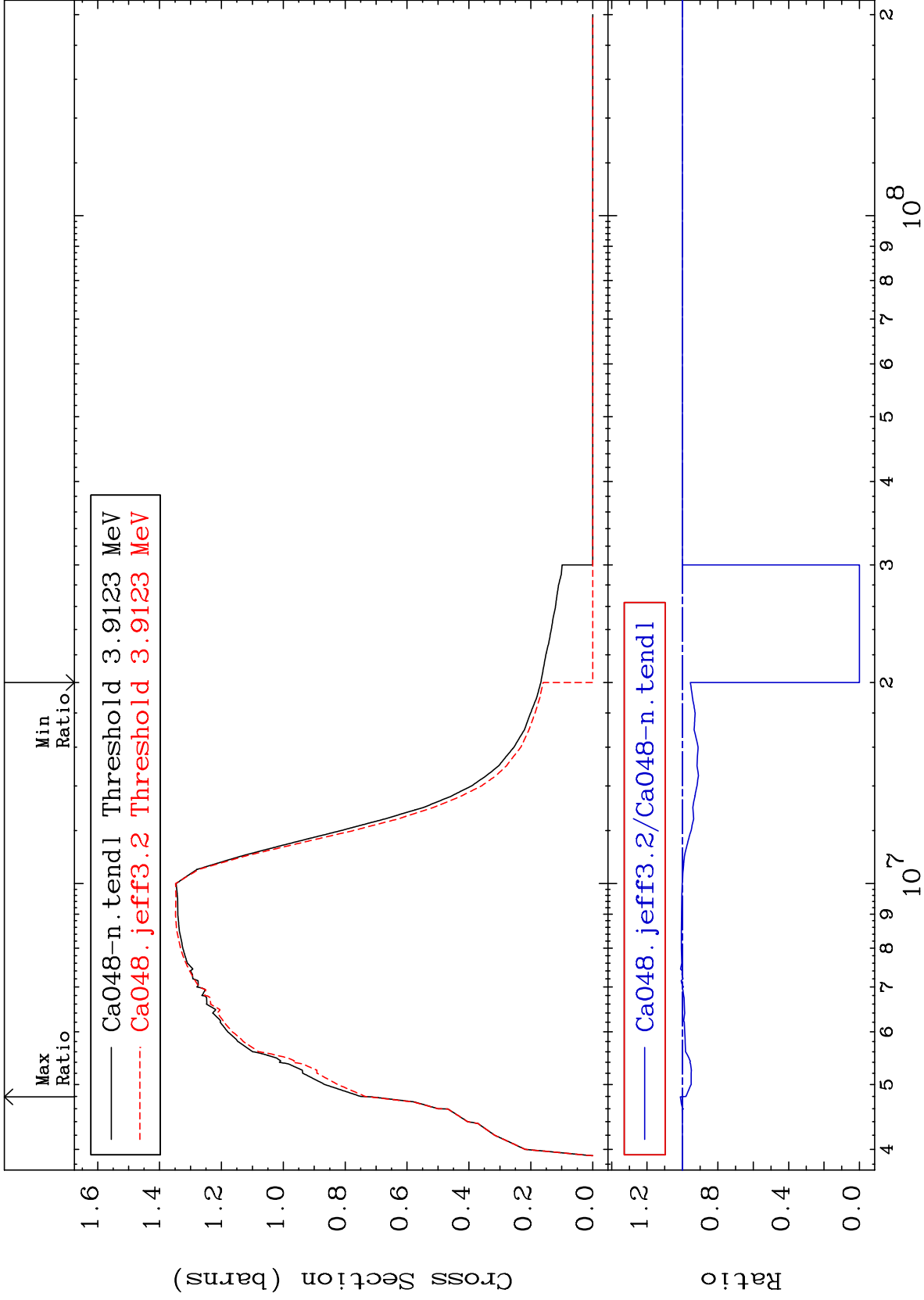
20-Ca-48

2

MAT 2049

Inelastic
Cross Section

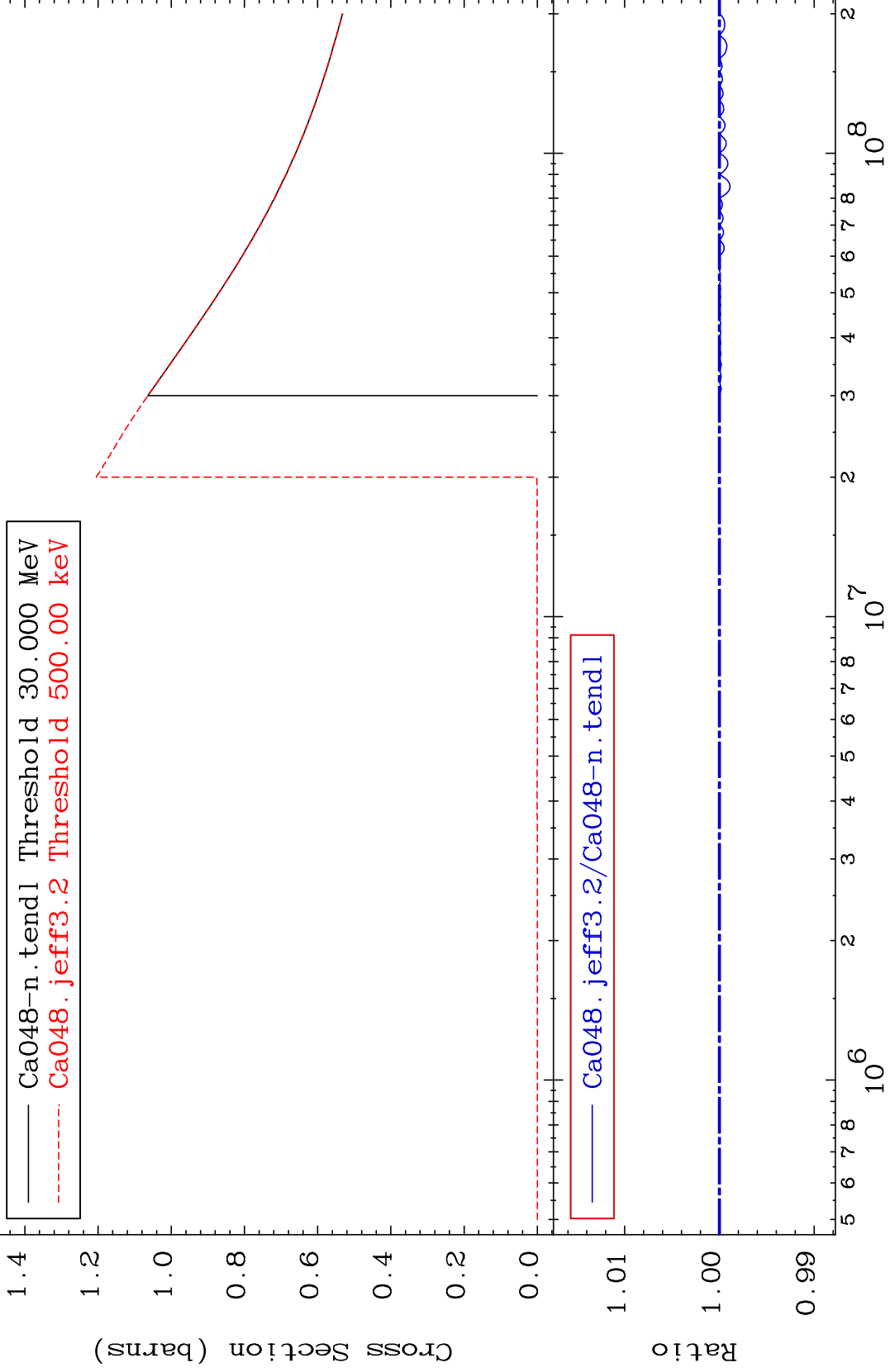
20-Ca-48
-100.0 To 1.181 %



MAT 2049

(n, remainder)
Cross Section

20-Ca-48
-0.112 To 0.002 %



Incident Energy (eV)

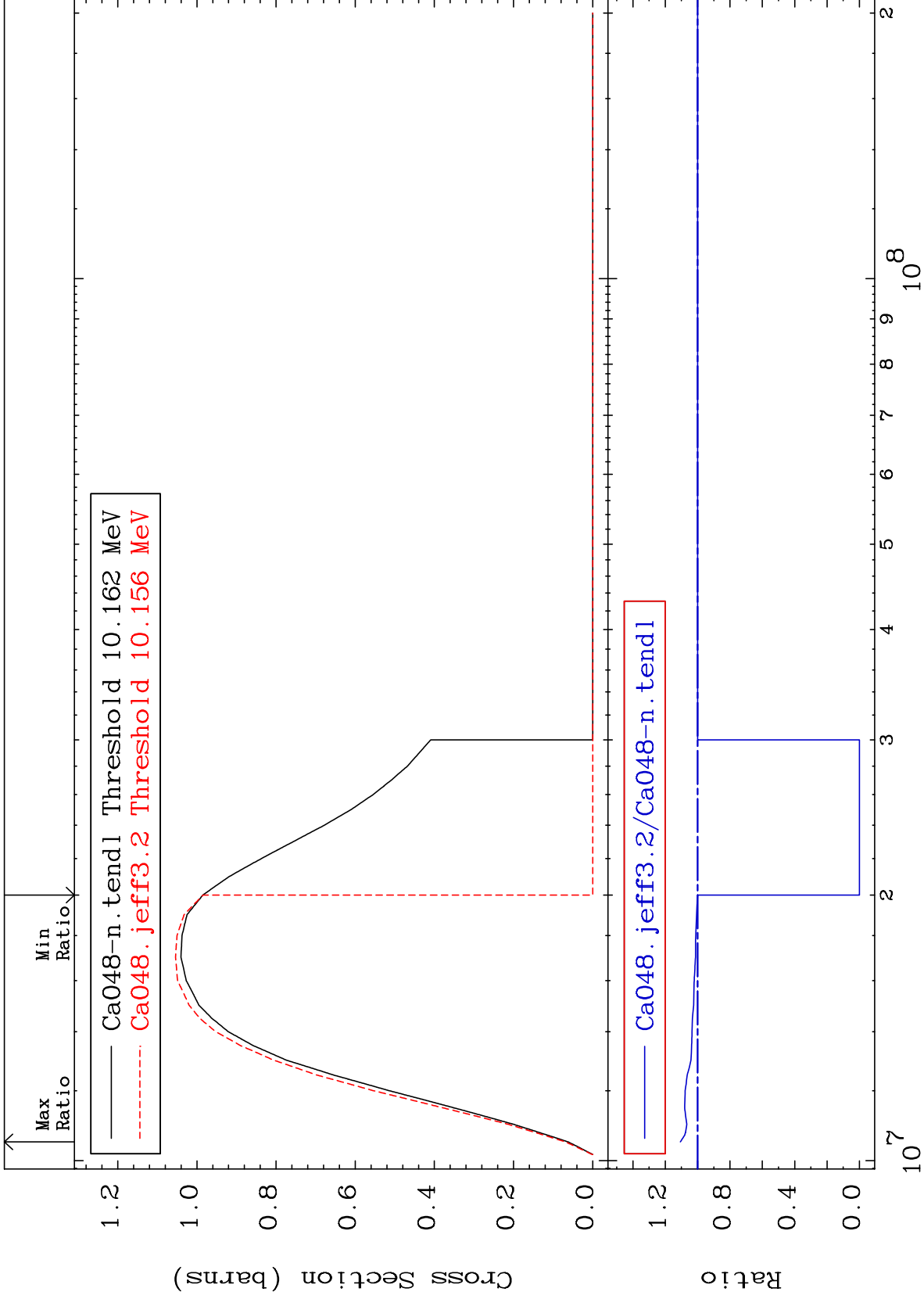
20-Ca-48

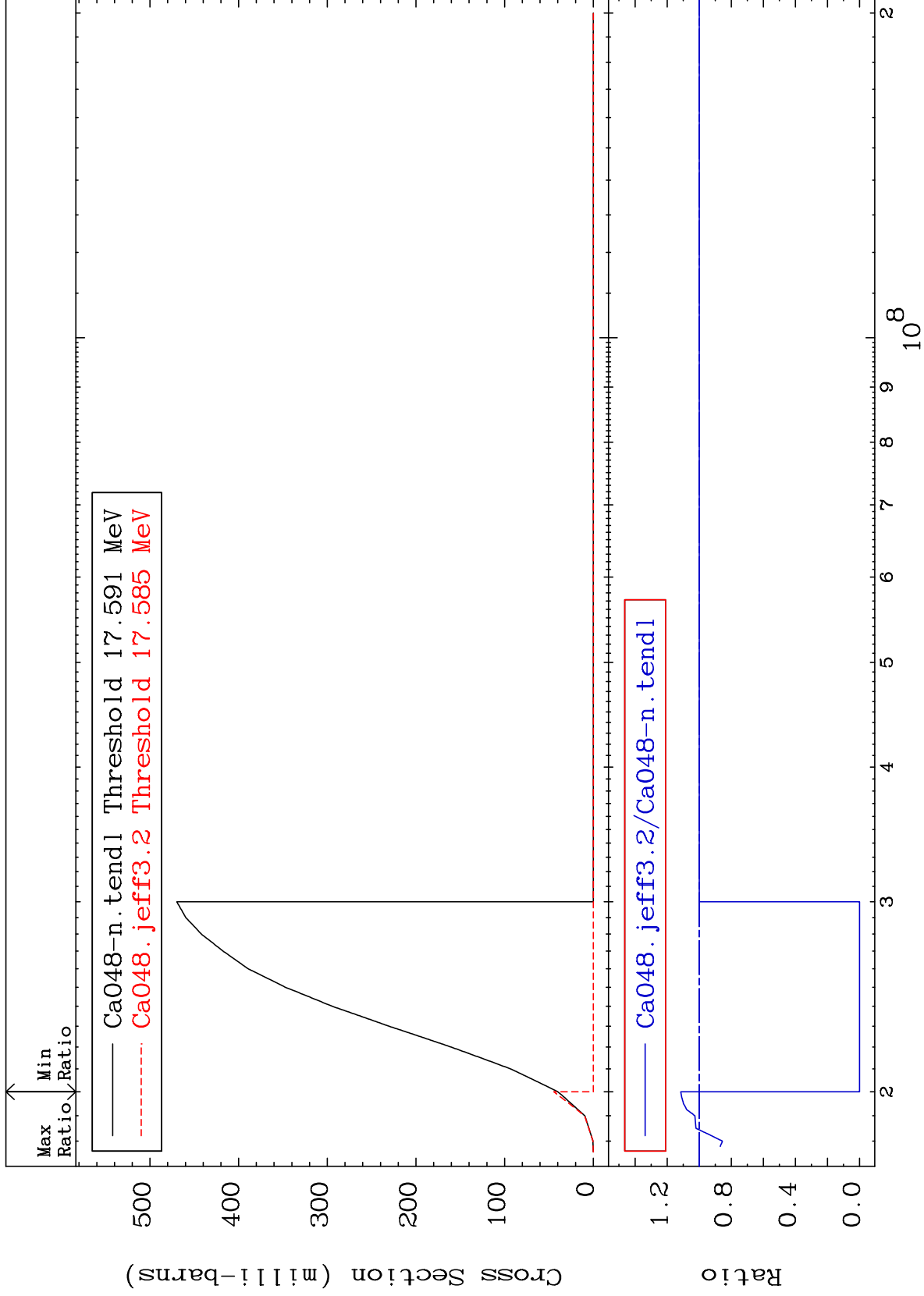
4

MAT 2049

(n,2n)
Cross Section

20-Ca-48
-100.0 To 10.68 %

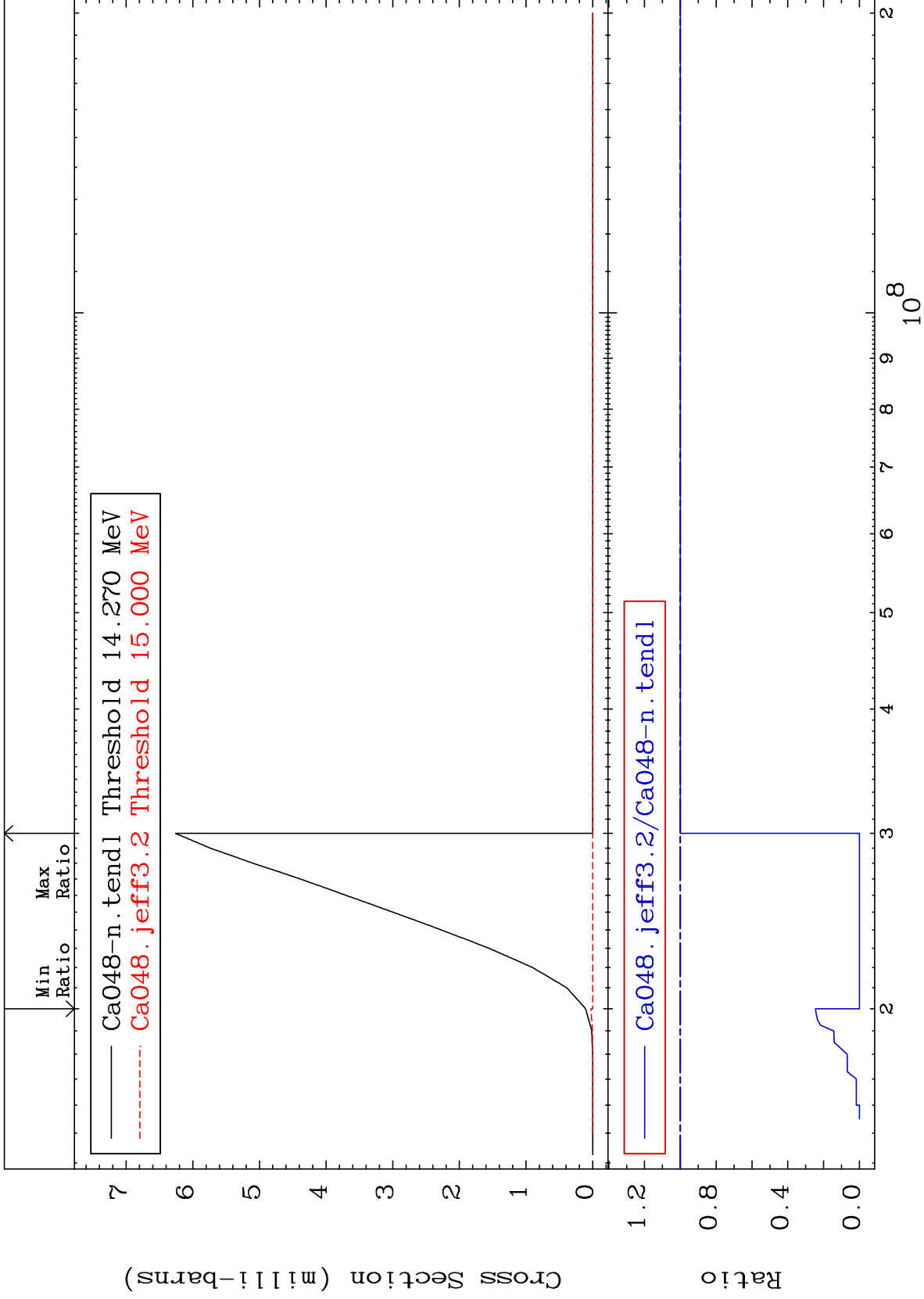




MAT 2049

(n, n') α
Cross Section

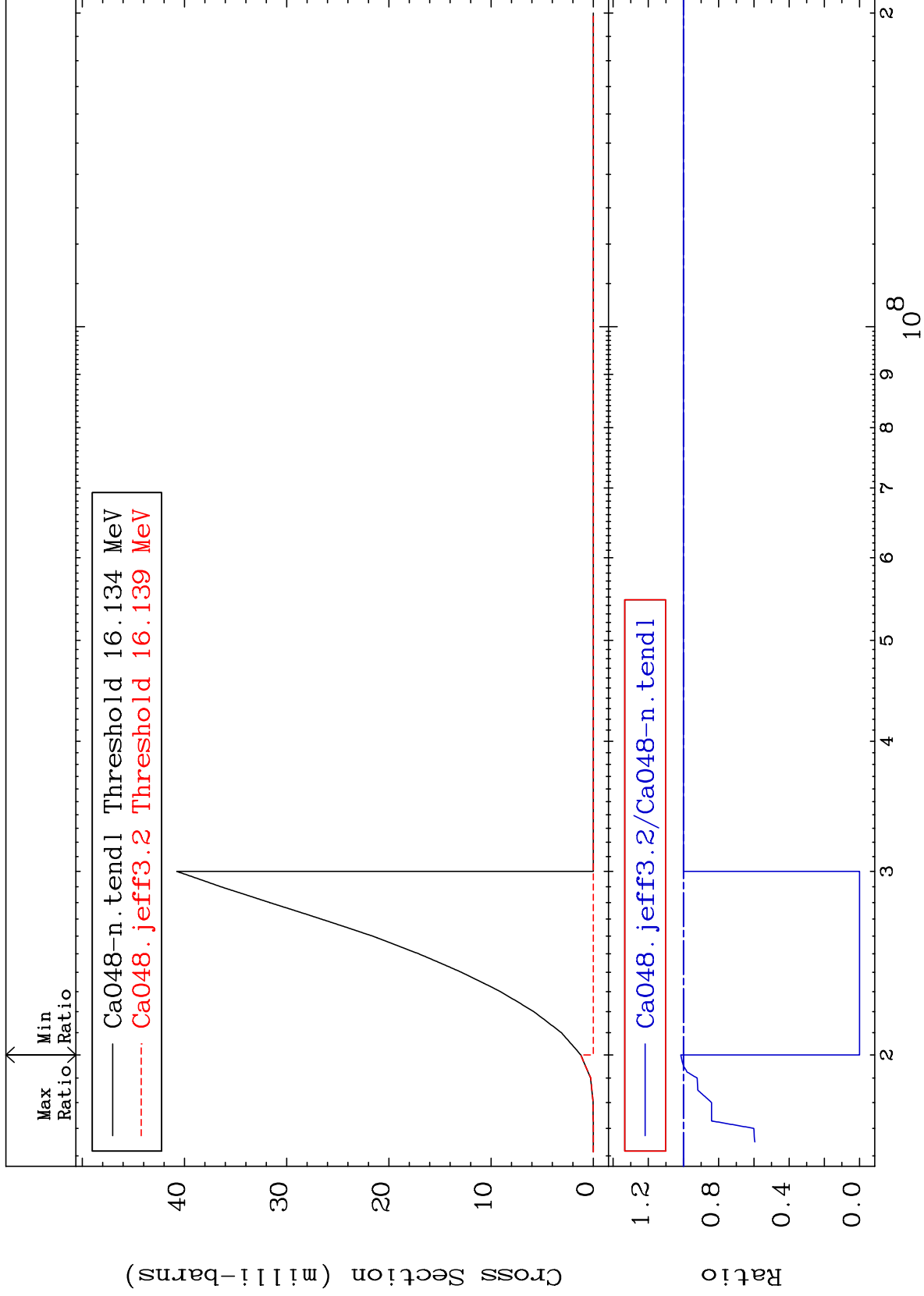
20-Ca-48
-100.0 To 0.000 %



MAT 2049

(n,n') p
Cross Section

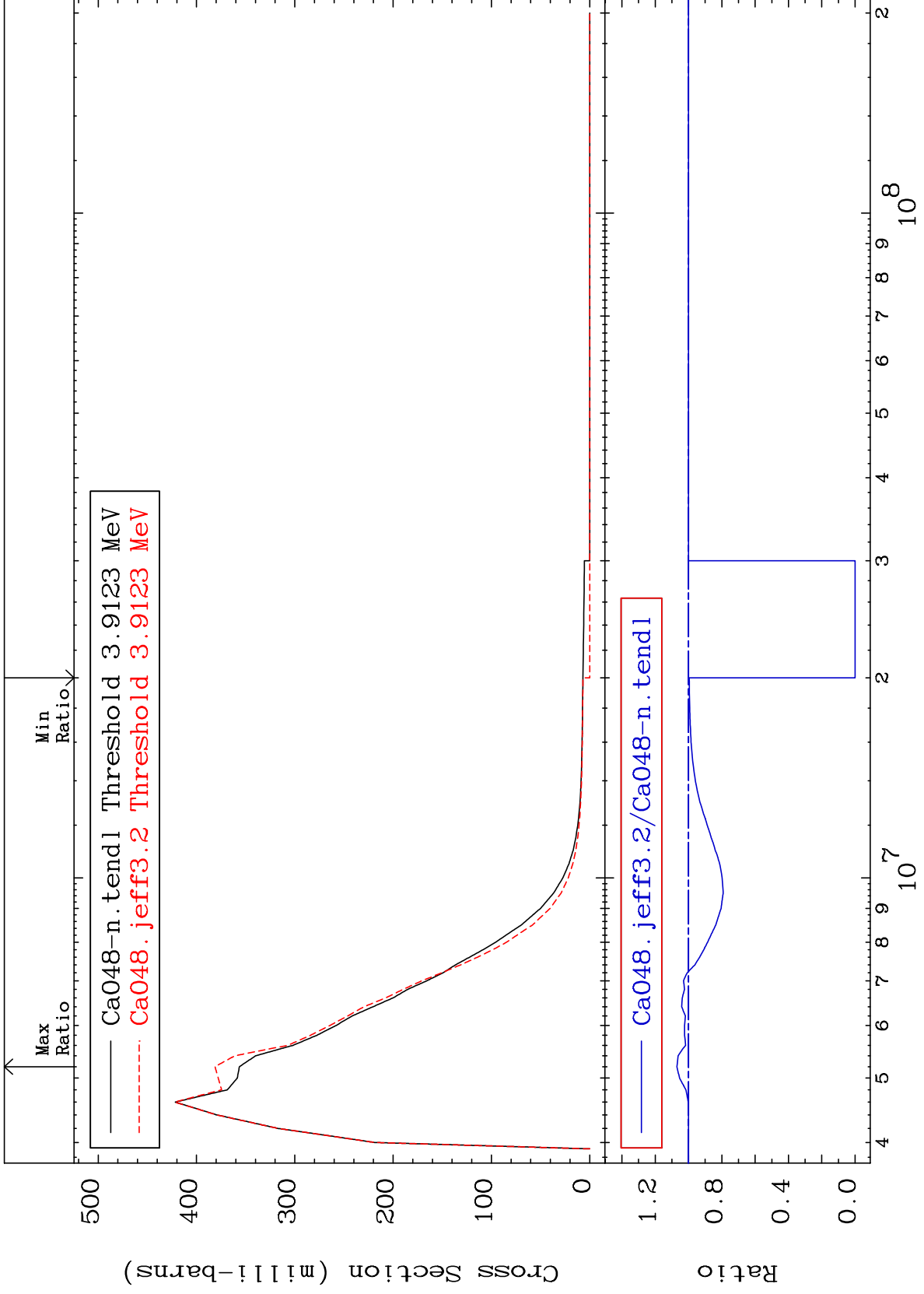
20-Ca-48
-100.0 To 1.539 %



MAT 2049

3.832 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 6.963 %



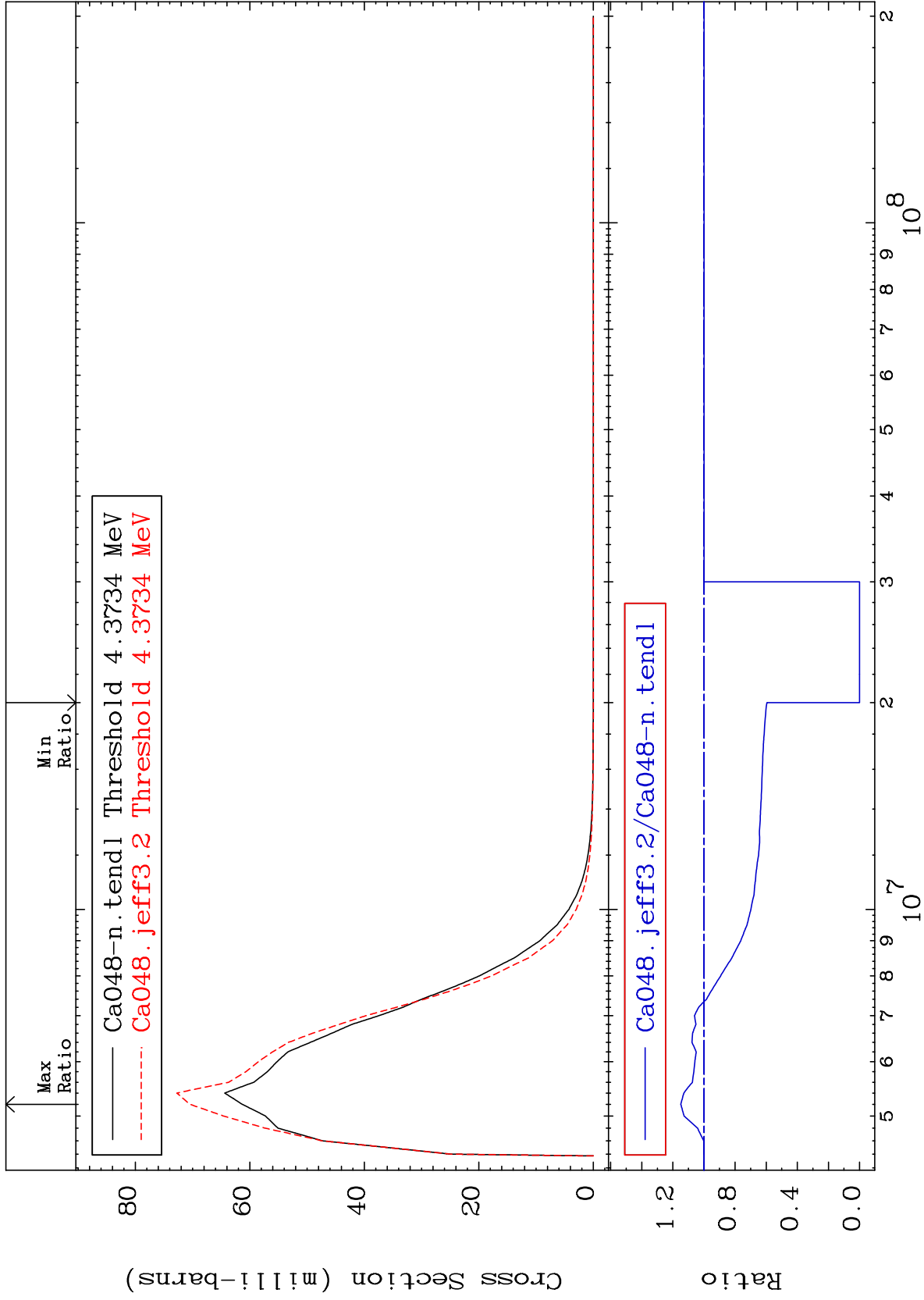
MAT 2049

4.283 MeV (n,n') Level

20-Ca-48

-100.0 To 14.92 %

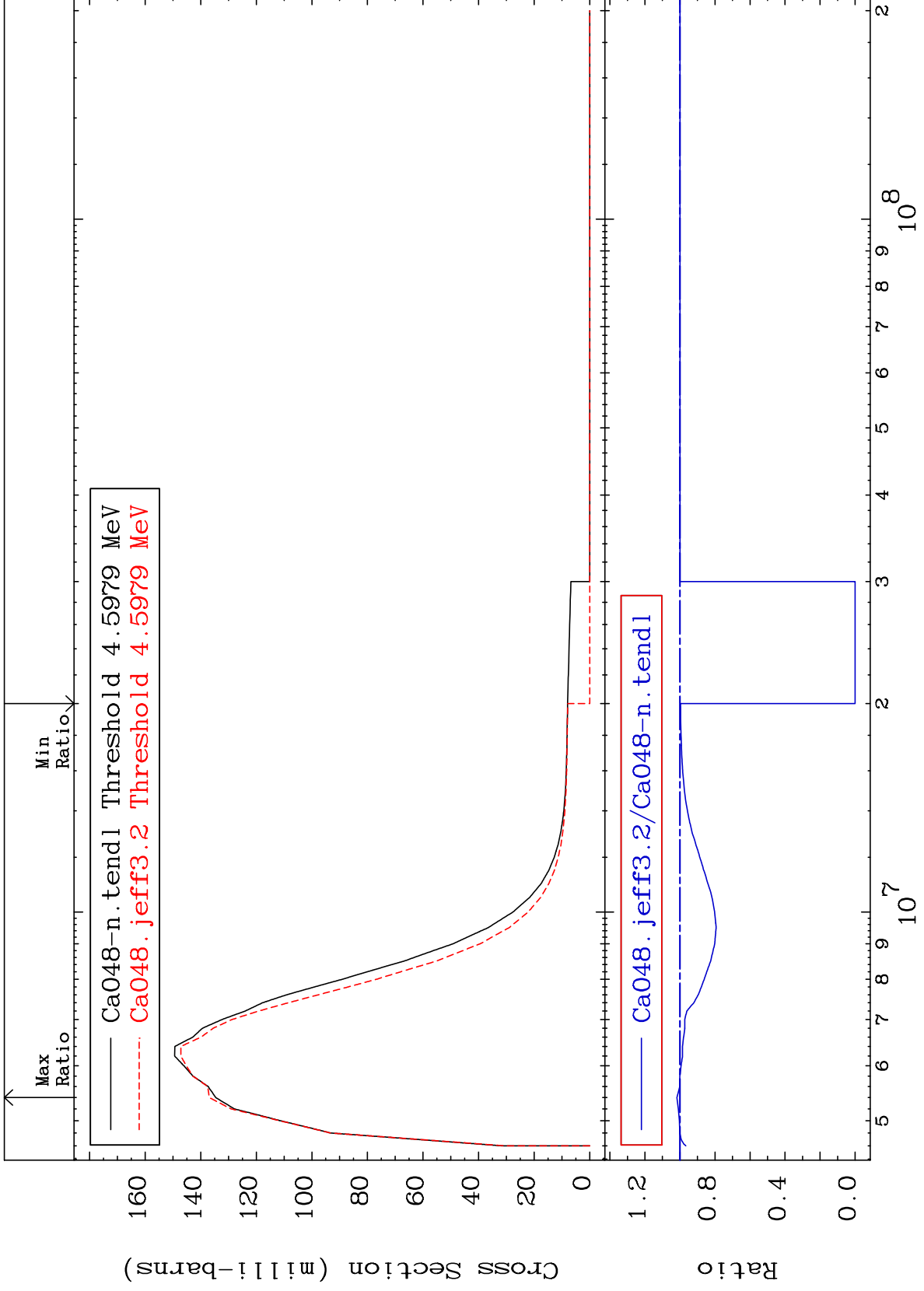
Cross Section



10

Incident Energy (eV)

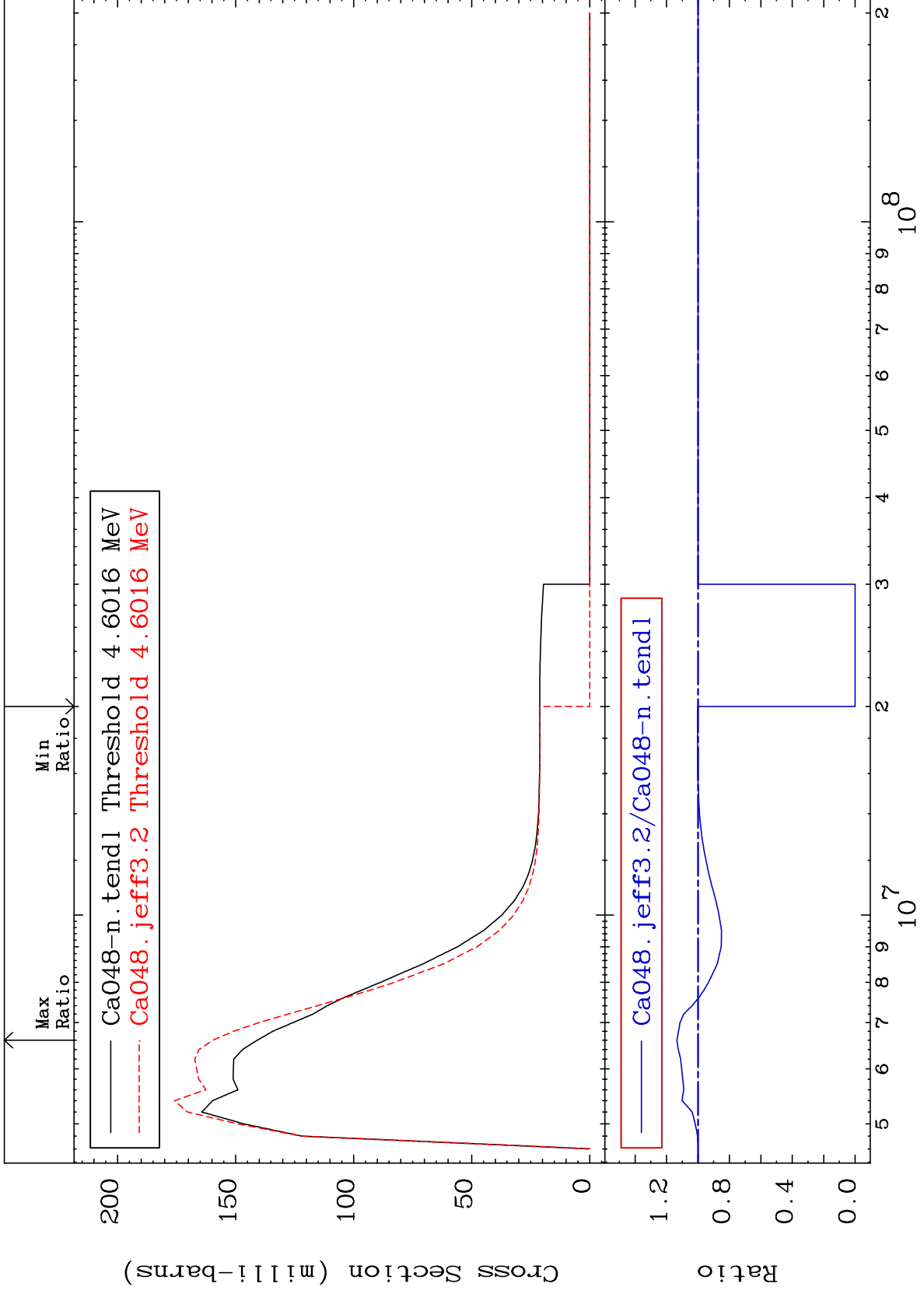
20-Ca-48



MAT 2049

4.507 MeV (n,n') Level
Cross Section

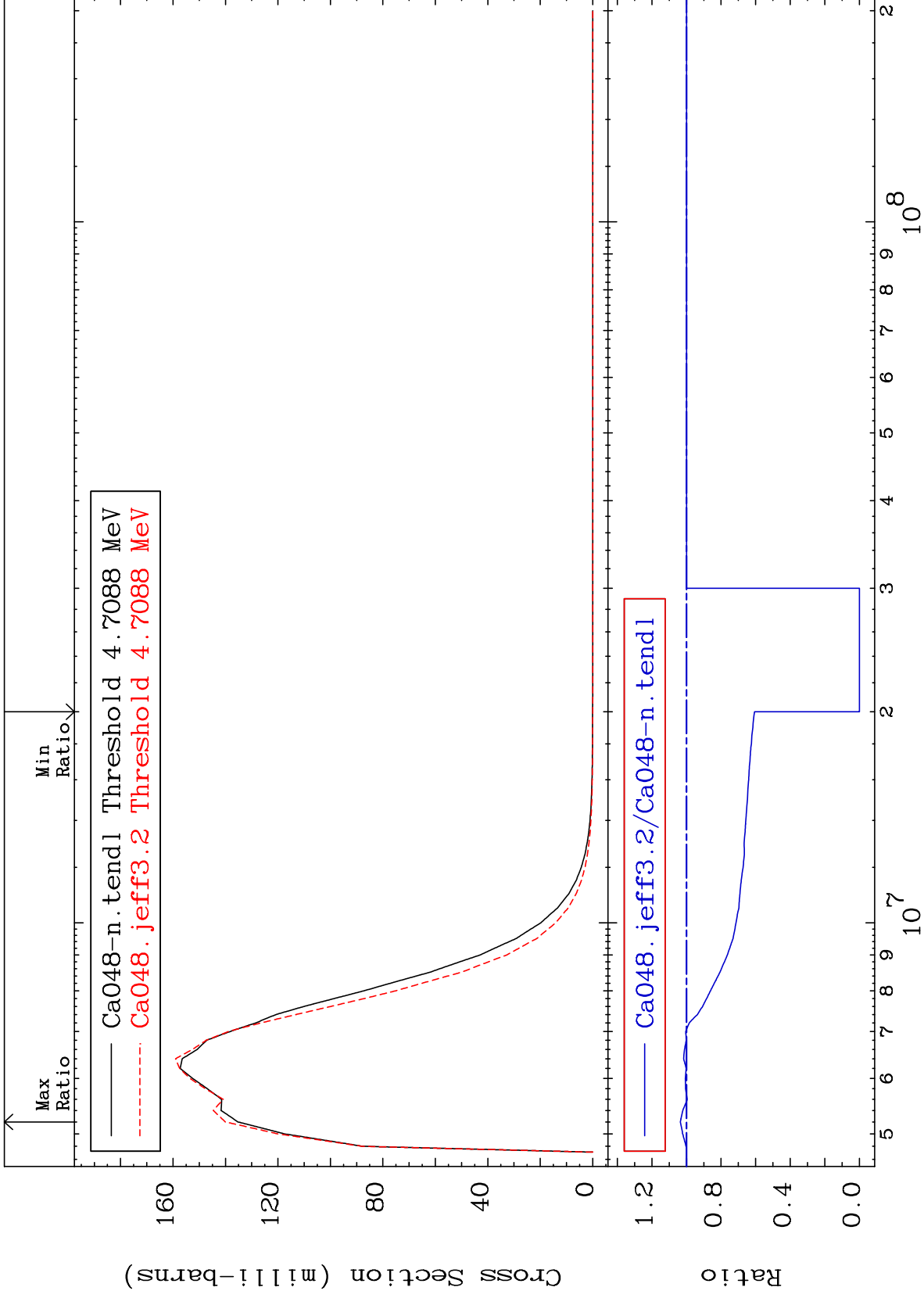
20-Ca-48
-100.0 To 13.38 %



MAT 2049

4.612 MeV (n,n') Level
Cross Section

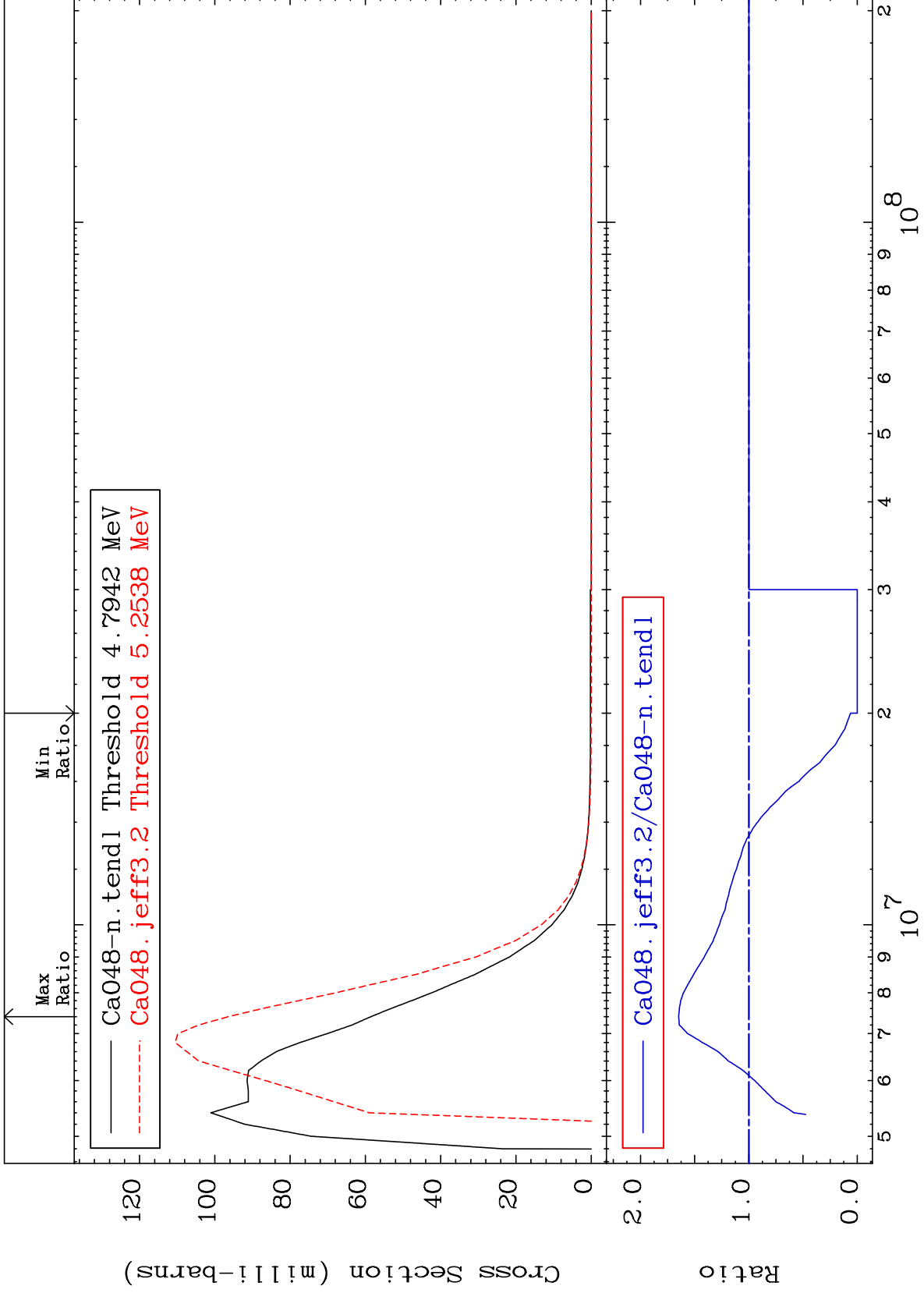
20-Ca-48
-100.0 To 3.542 %



MAT 2049

4.695 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 64.76 %



14

Incident Energy (eV)

20-Ca-48

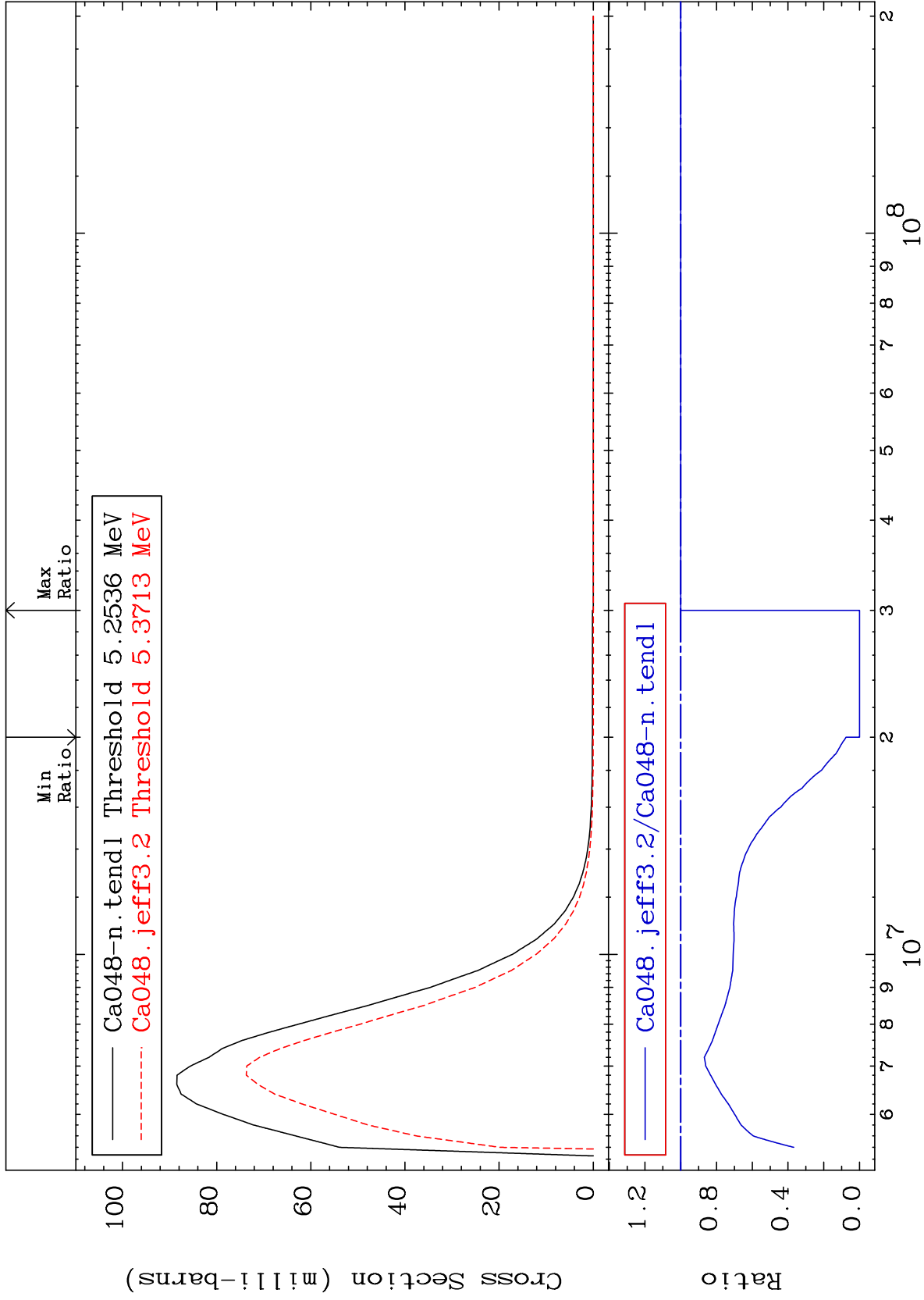
MAT 2049

5.145 MeV (n,n') Level

20-Ca-48

-100.0 To 0.000 %

Cross Section

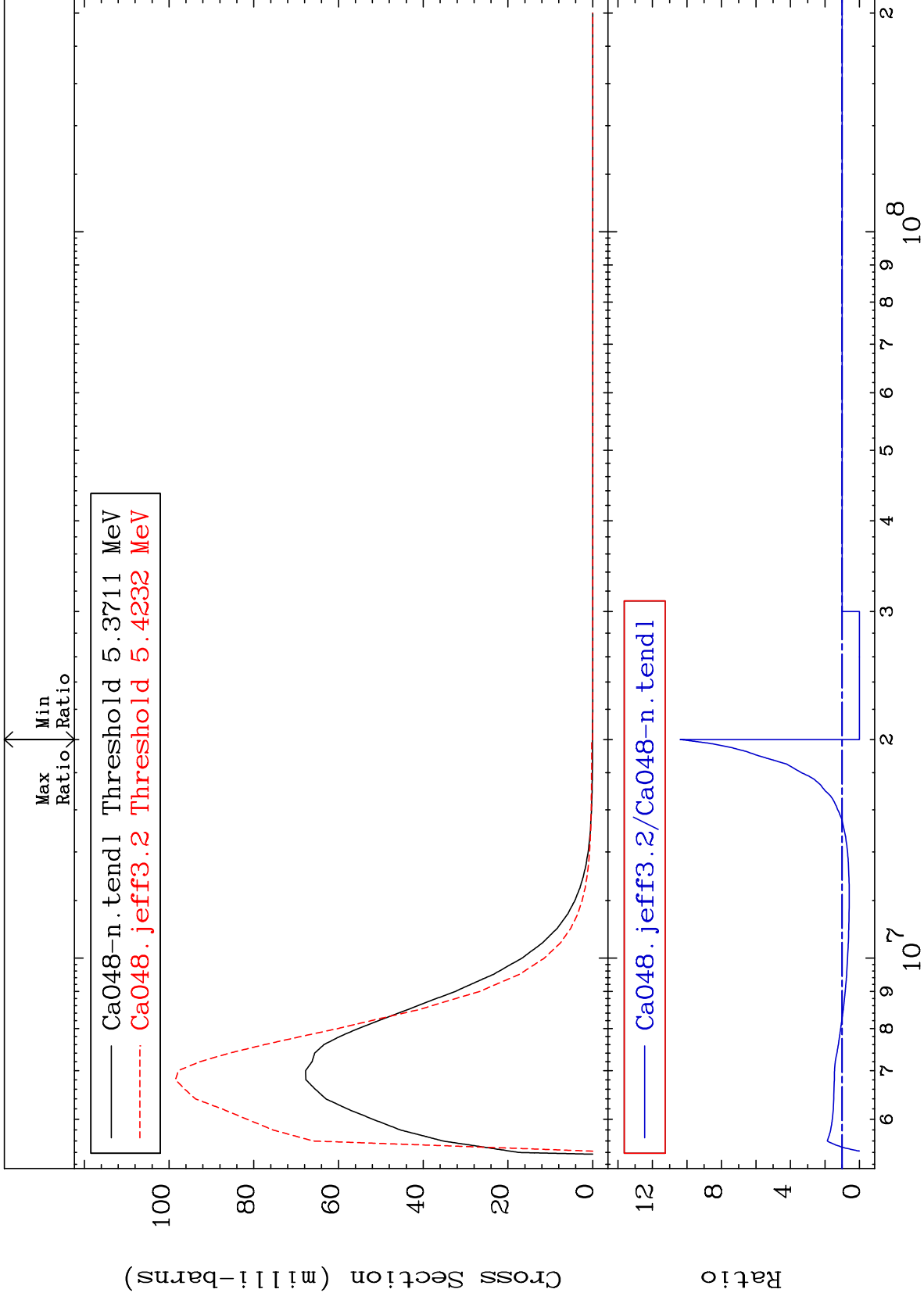


15

MAT 2049

5.260 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 938.0 %

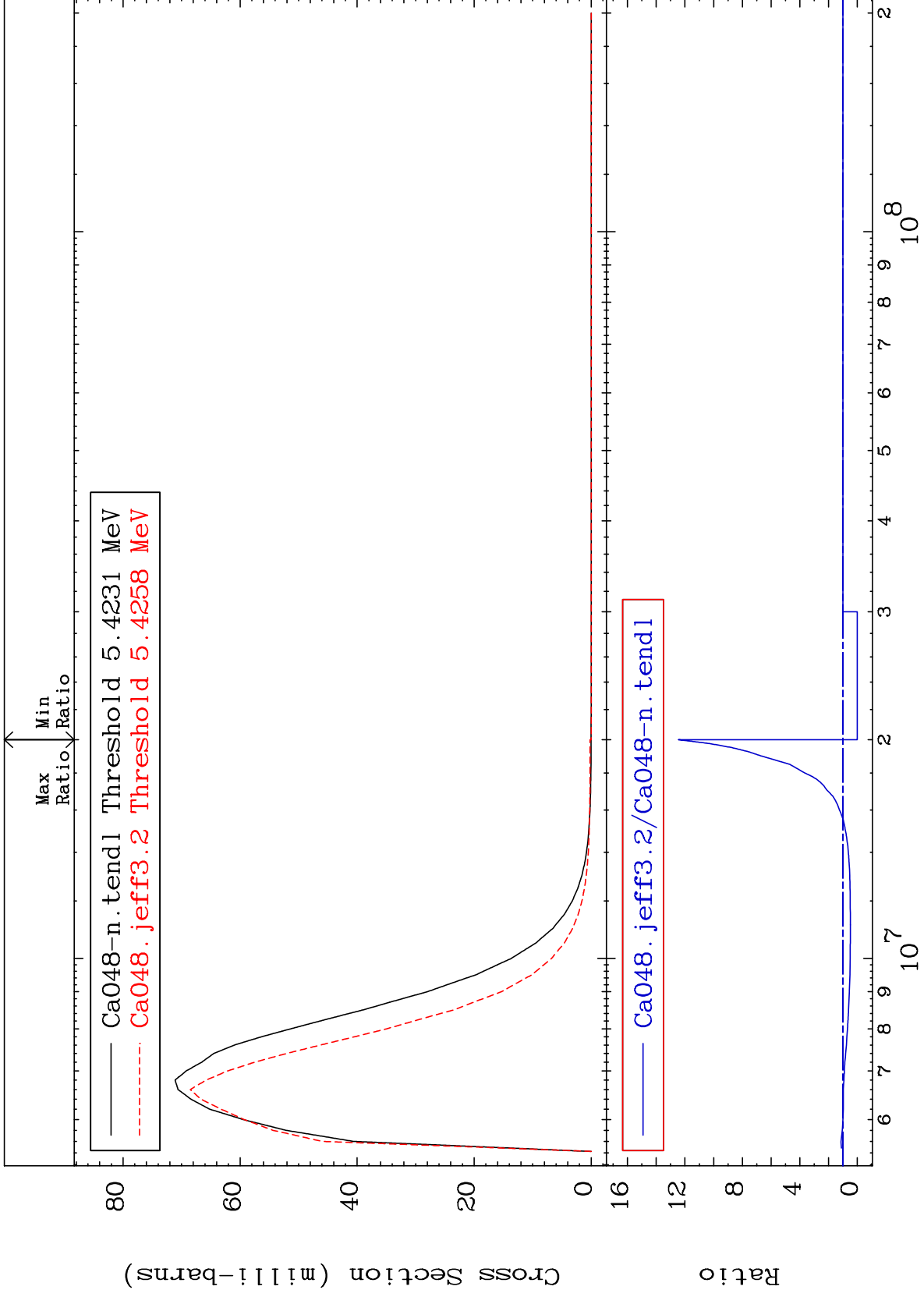


16

MAT 2049

5.311 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 1144. %



17

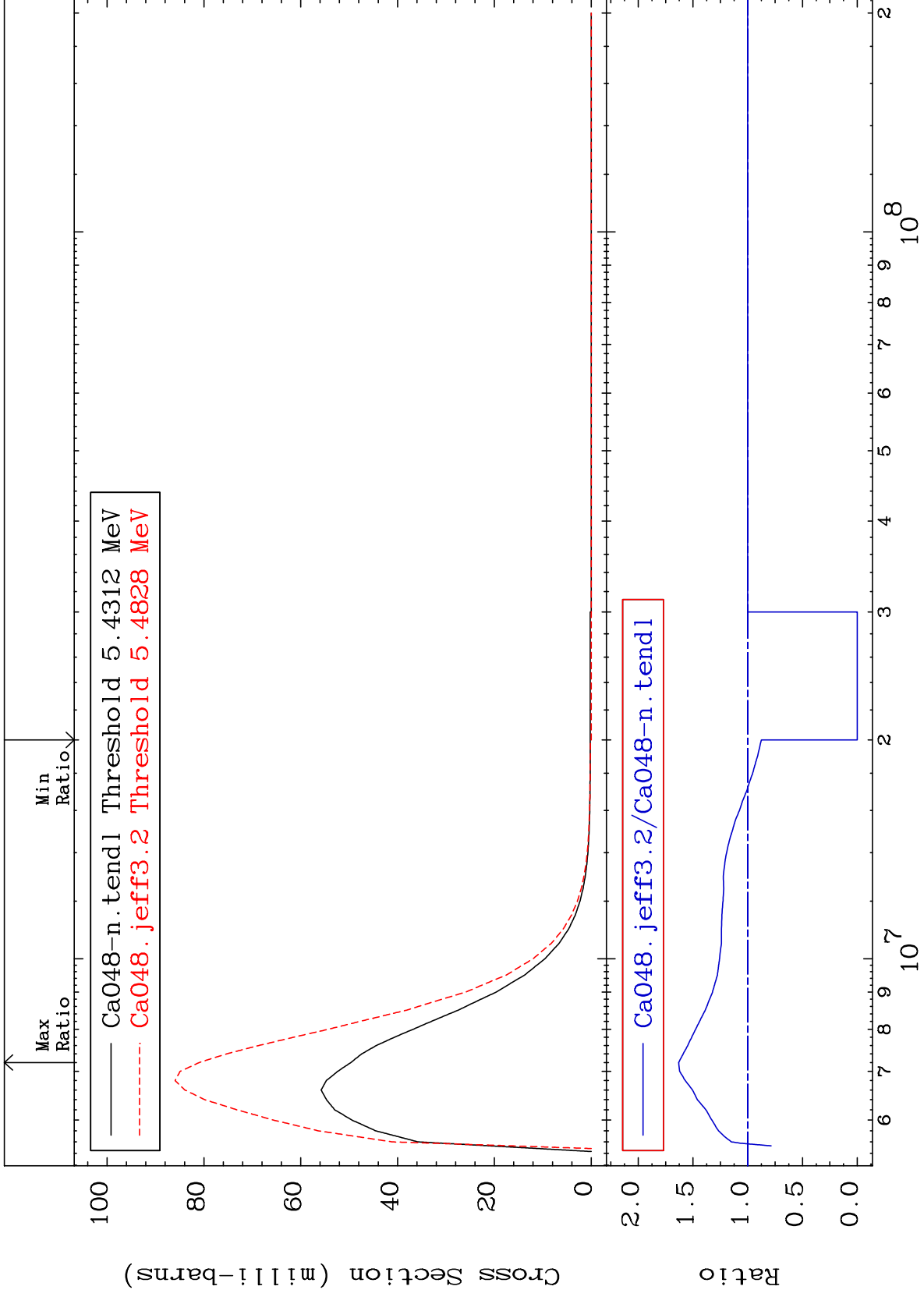
Incident Energy (eV)

20-Ca-48

MAT 2049

5.319 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 63.10 %



18

Incident Energy (eV)

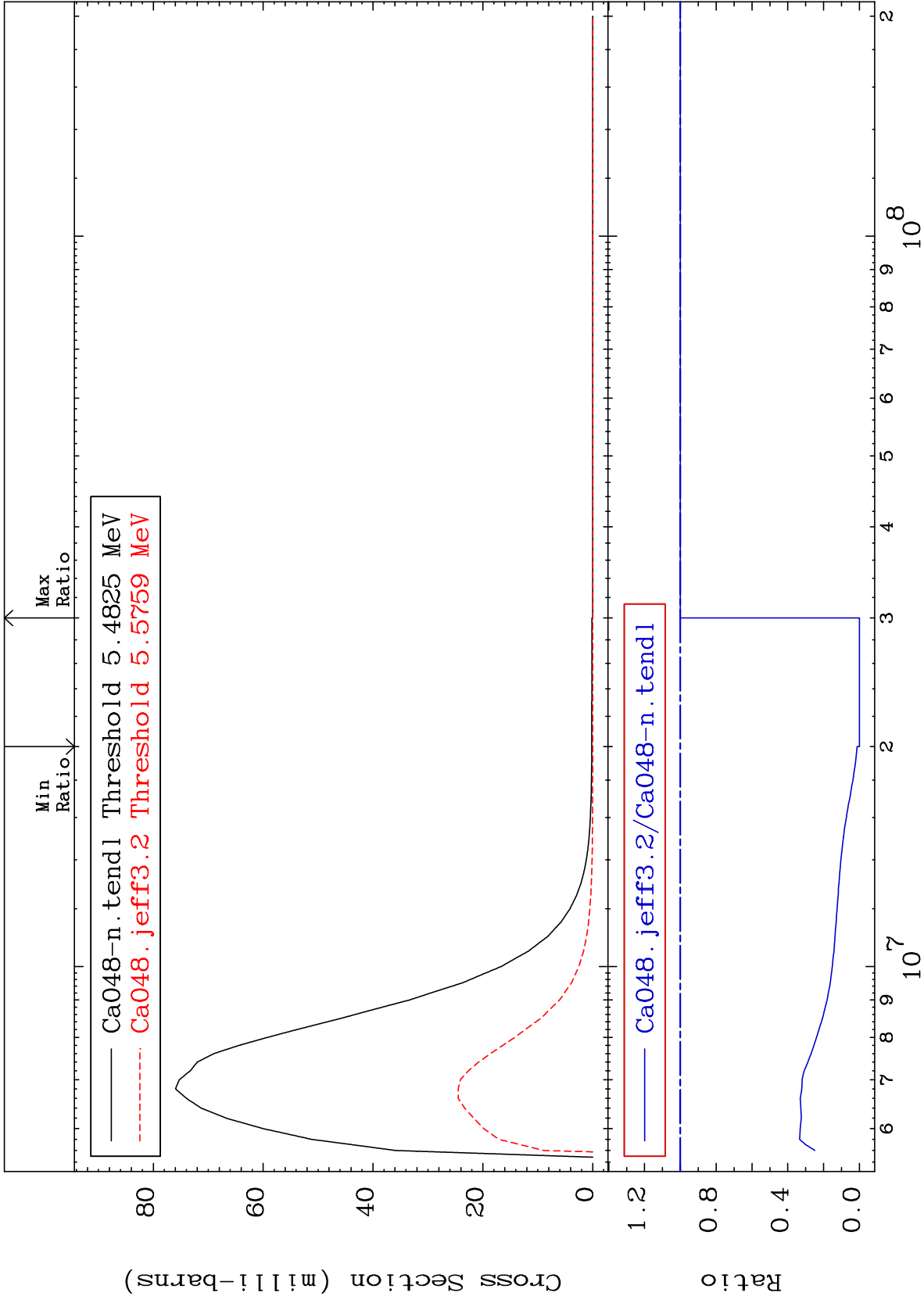
20-Ca-48

MAT 2049

5.370 MeV (n,n') Level

20-Ca-48

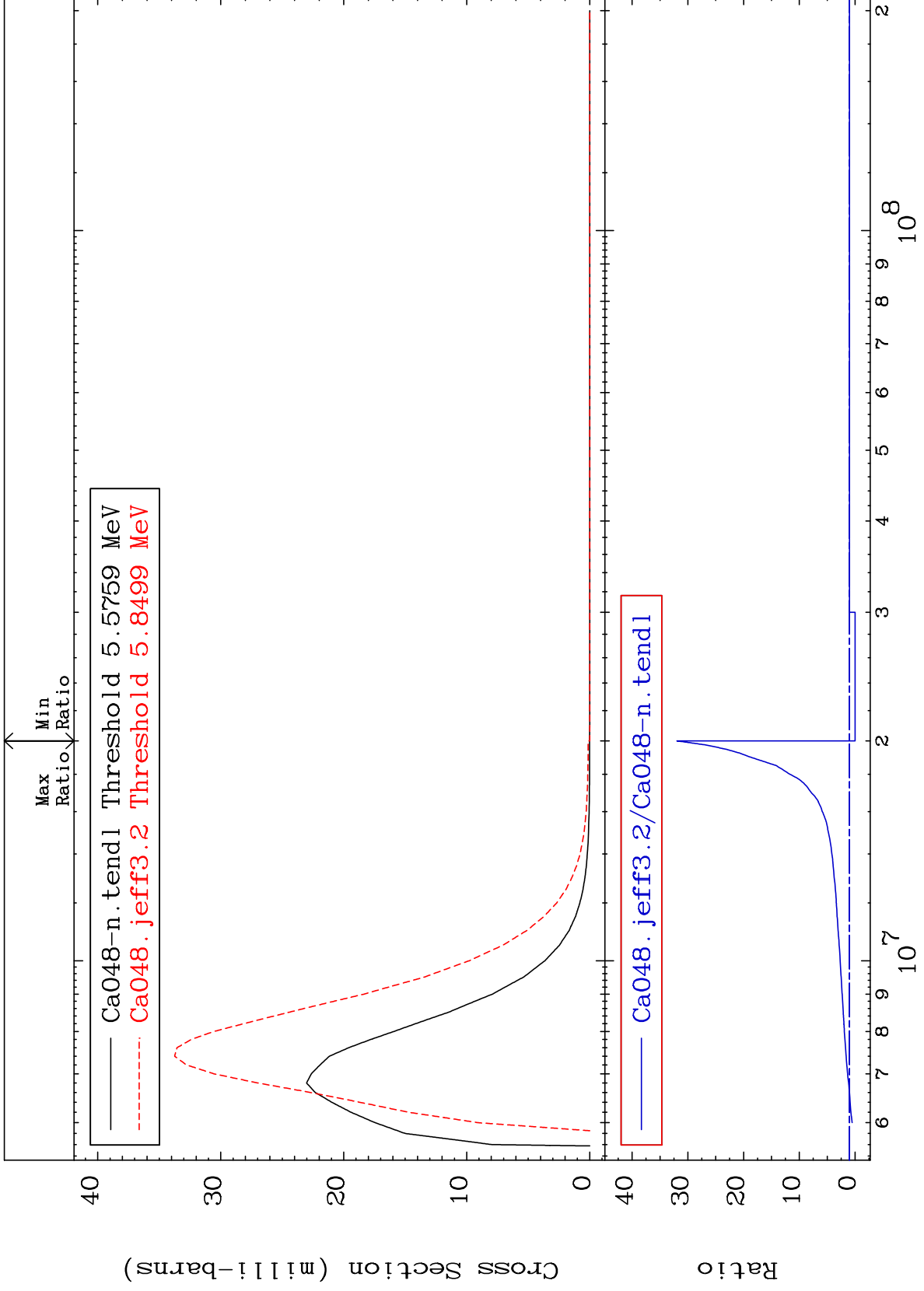
-100.0 To 0.000 %



MAT 2049

5.461 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 3096. %



20

Incident Energy (eV)

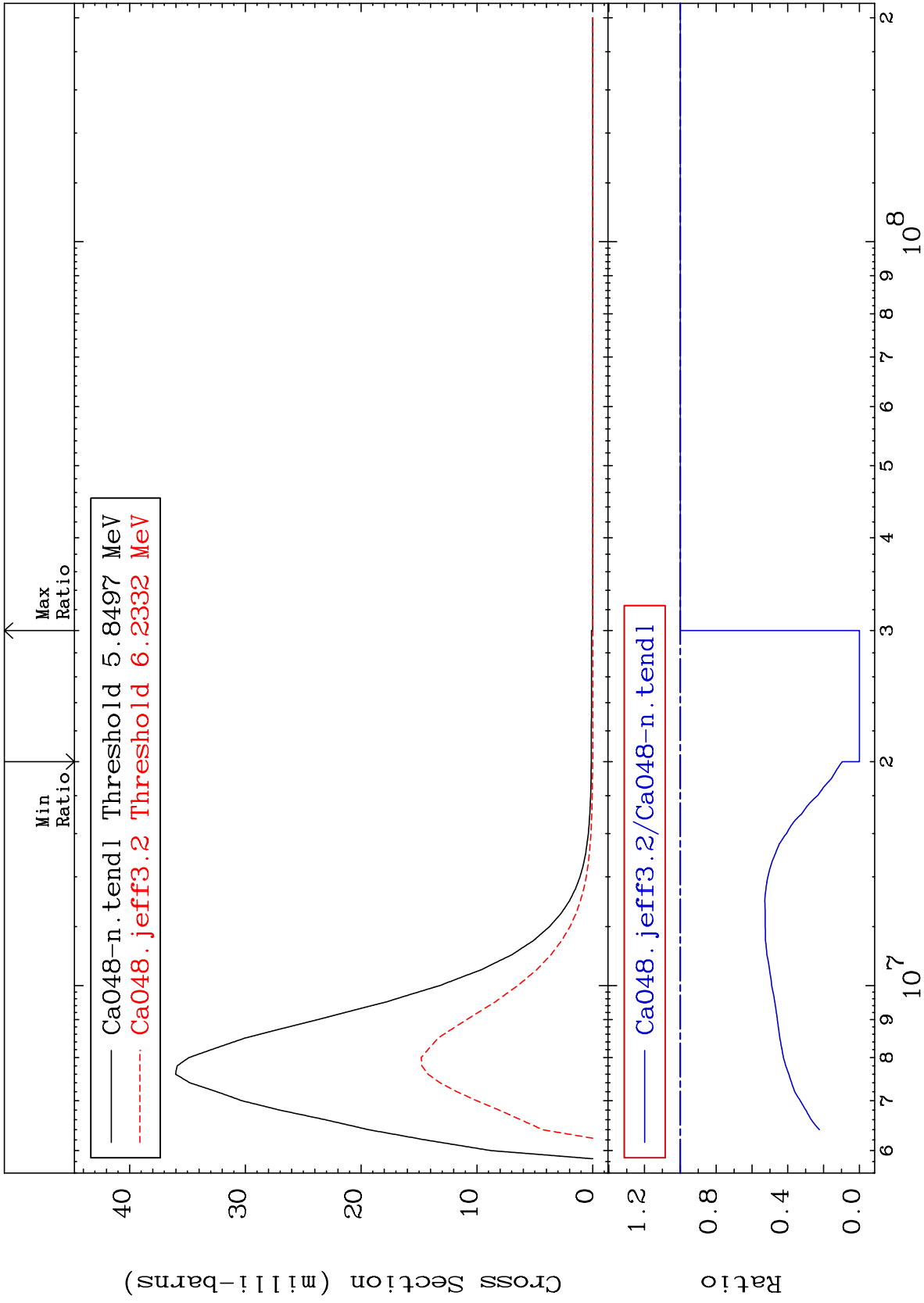
20-Ca-48

MAT 2049

5.729 MeV (n,n') Level

20-Ca-48

-100.0 To 0.000 %

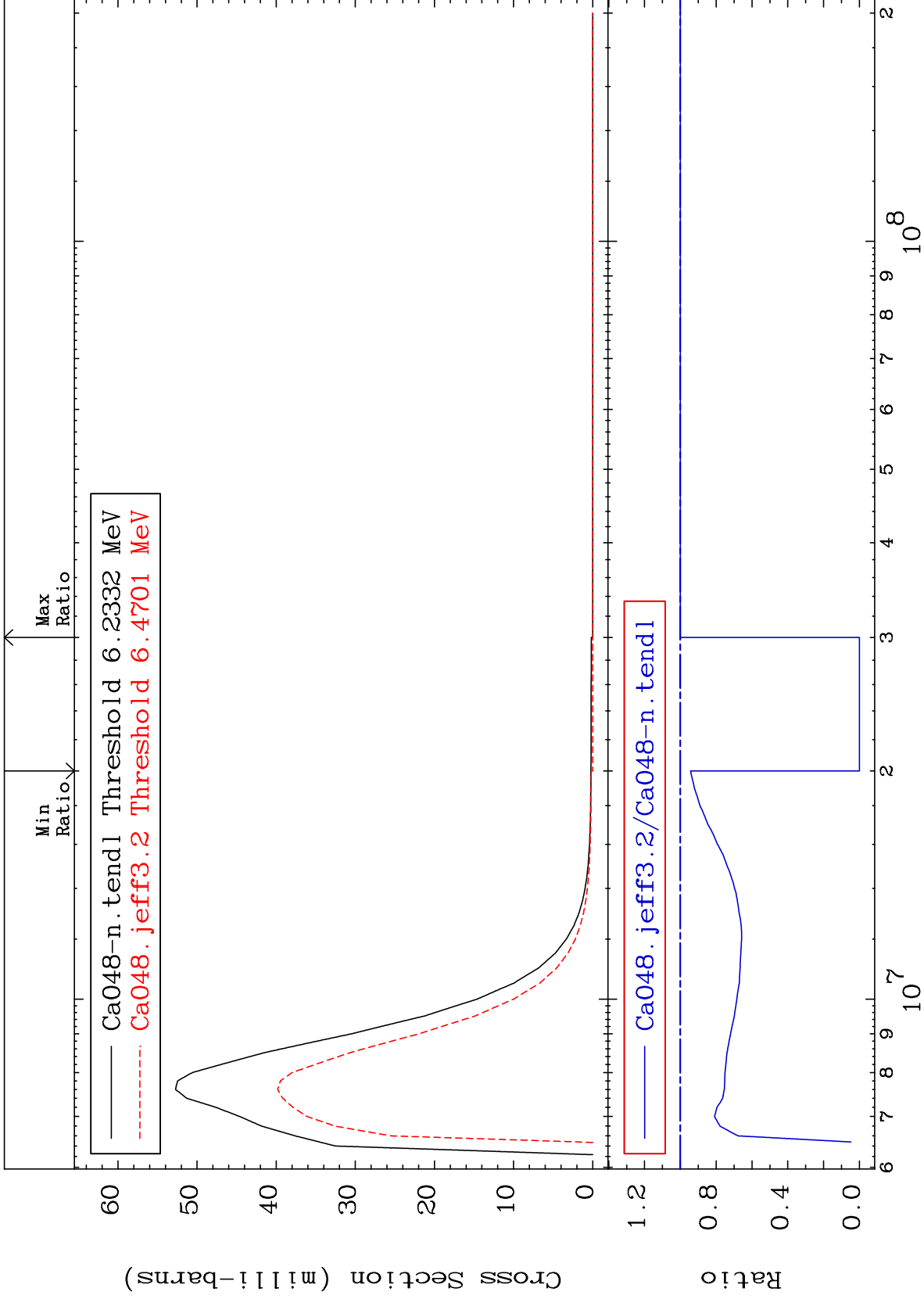


21

MAT 2049

6.105 MeV (n,n') Level
Cross Section

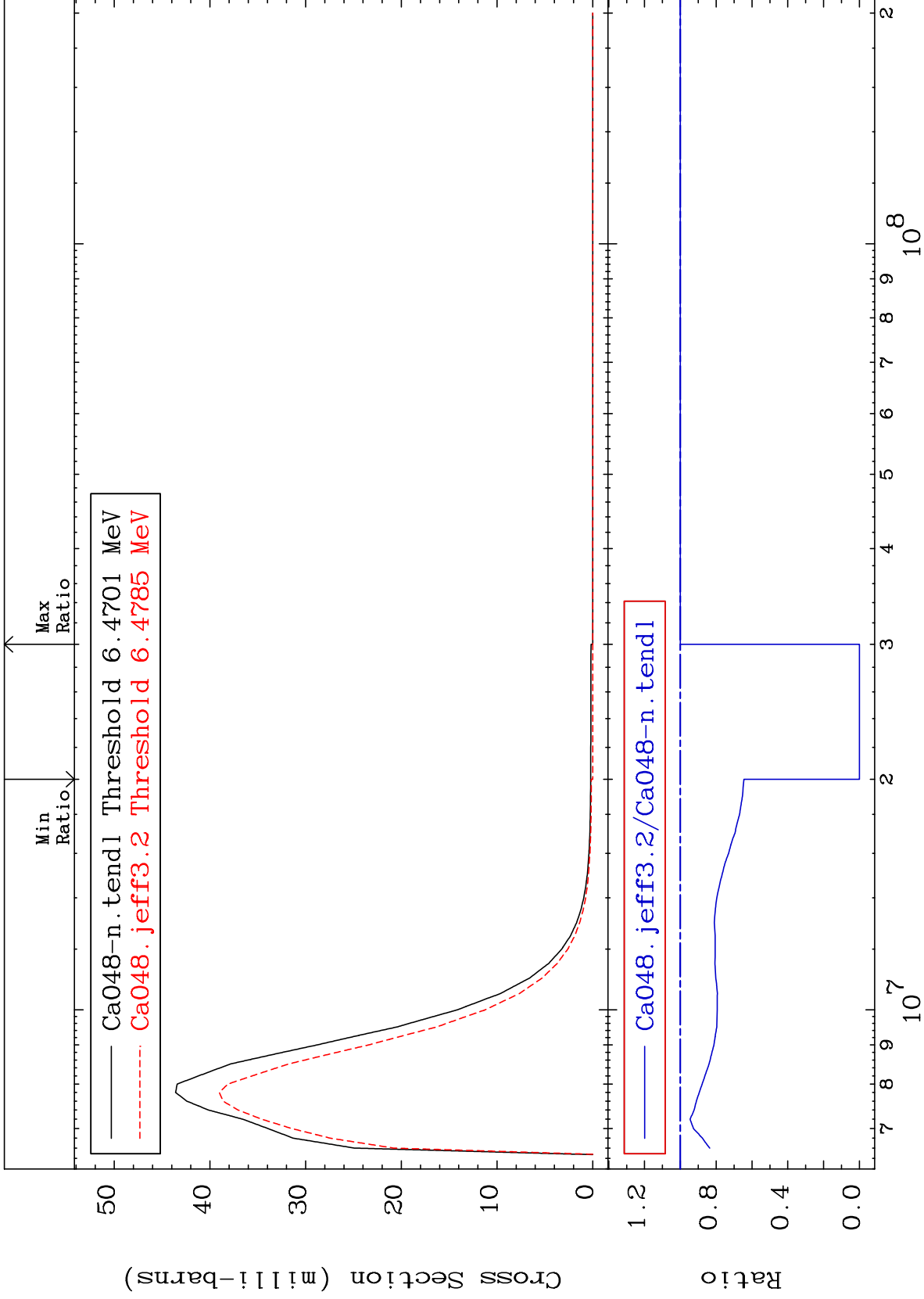
20-Ca-48
-100.0 To 0.000 %



MAT 2049

6.337 MeV (n,n') Level
Cross Section

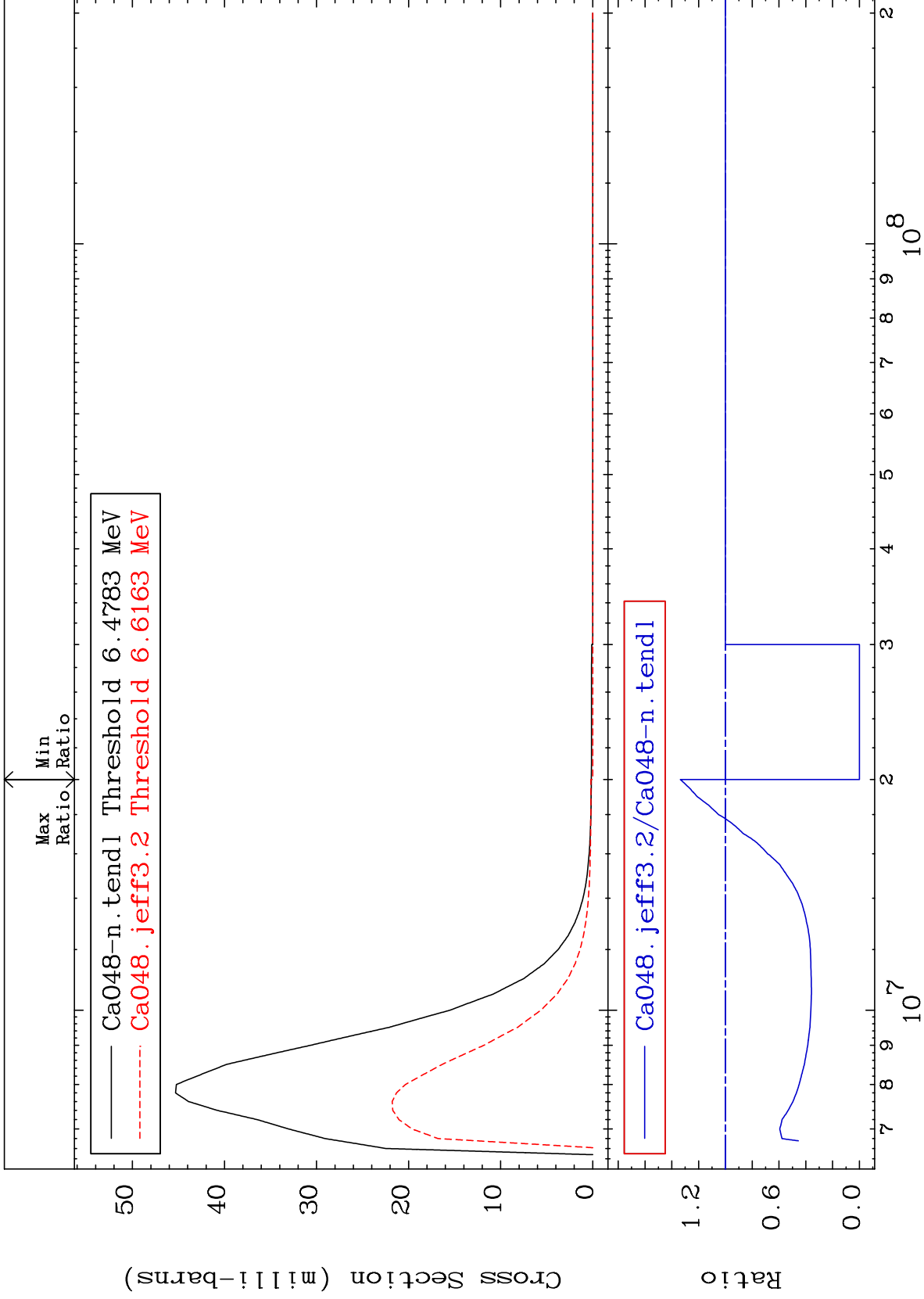
20-Ca-48
-100.0 To 0.000 %



MAT 2049

6.345 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 33.61 %



24

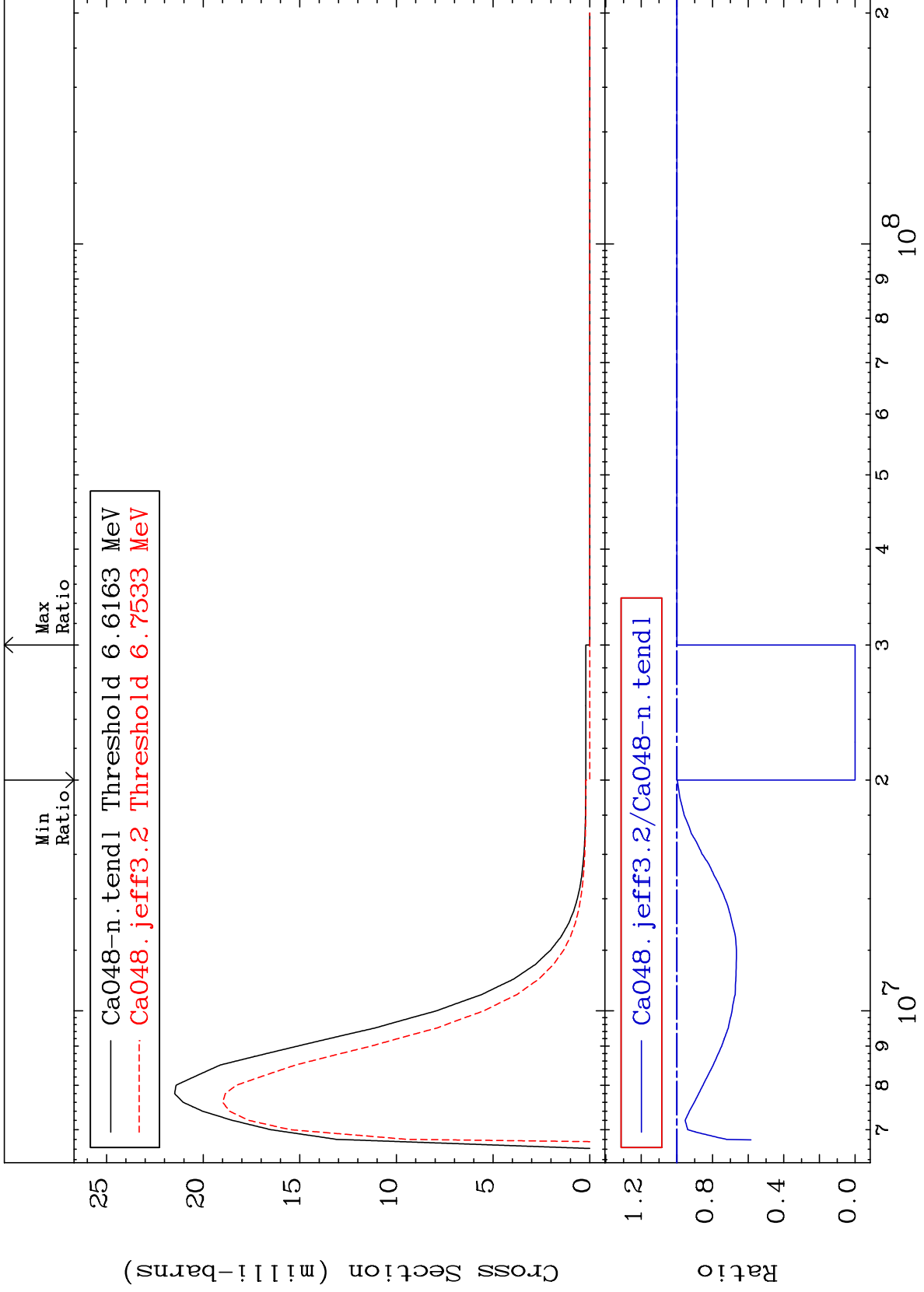
Incident Energy (eV)

20-Ca-48

MAT 2049

6.480 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 0.000 %



25

Incident Energy (eV)

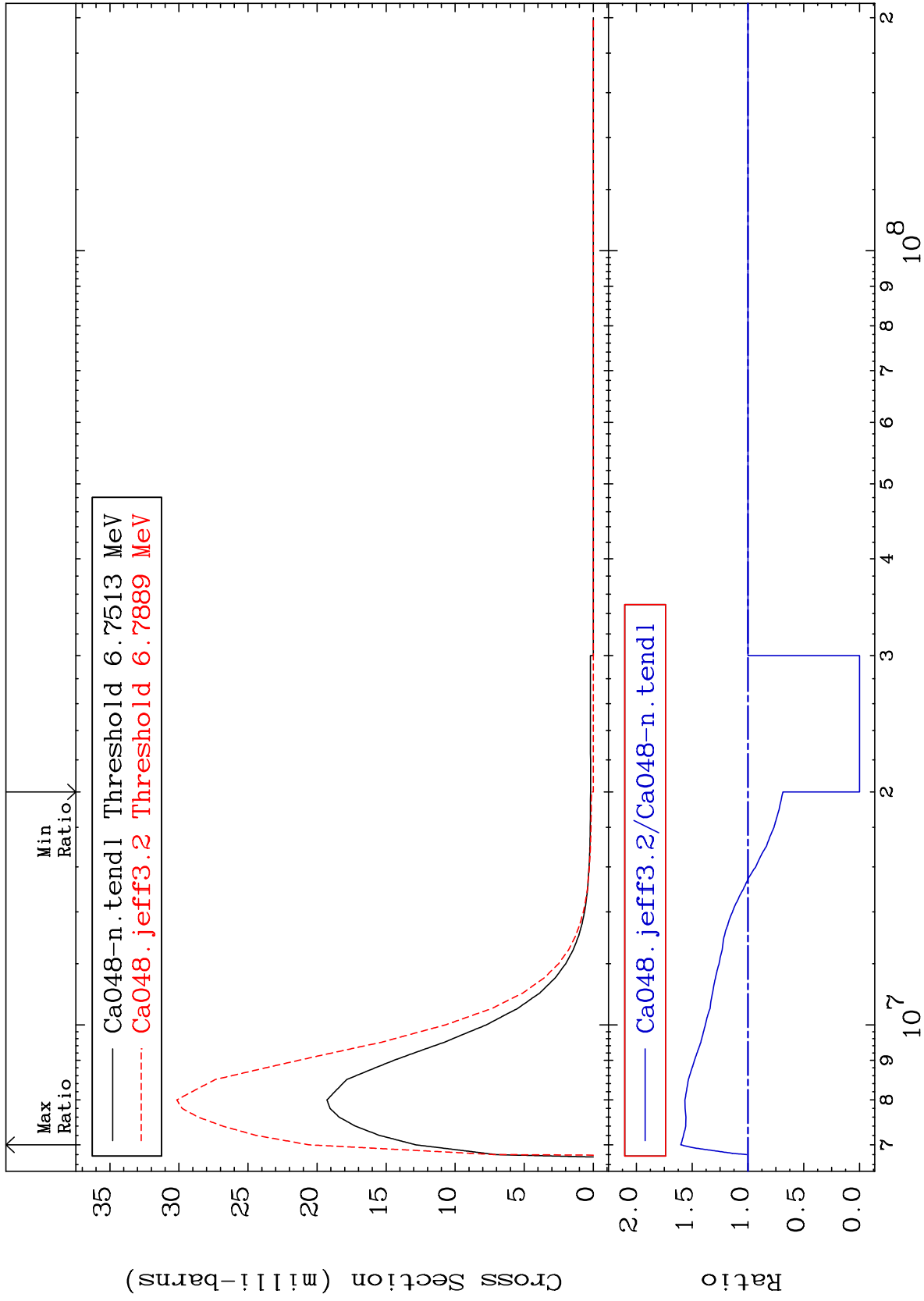
20-Ca-48

MAT 2049

6.612 MeV (n,n') Level

20-Ca-48

-100.0 To 60.16 %



26

Incident Energy (eV)

20-Ca-48

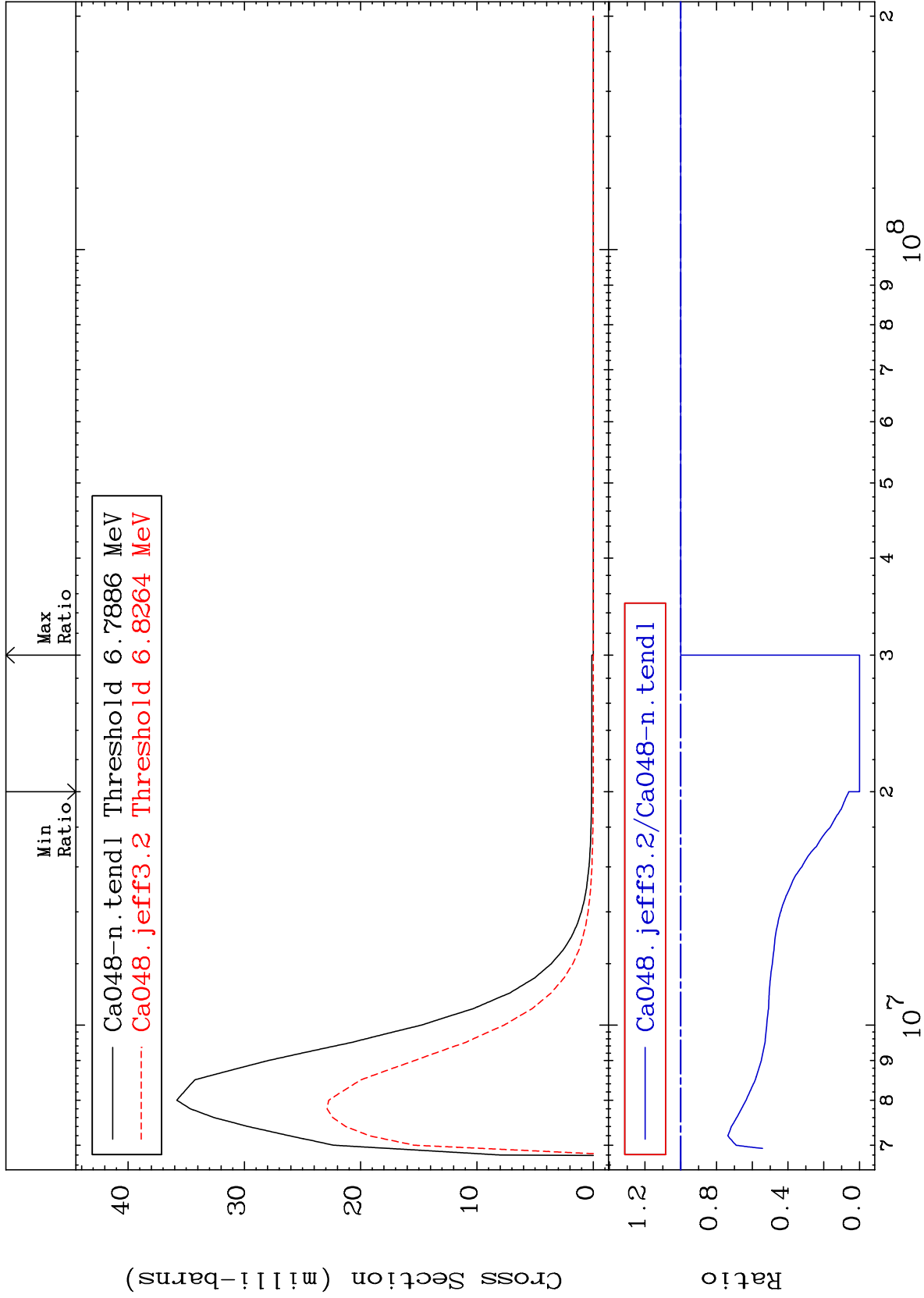
MAT 2049

6.649 MeV (n,n') Level

20-Ca-48

-100.0 To 0.000 %

Cross Section



27

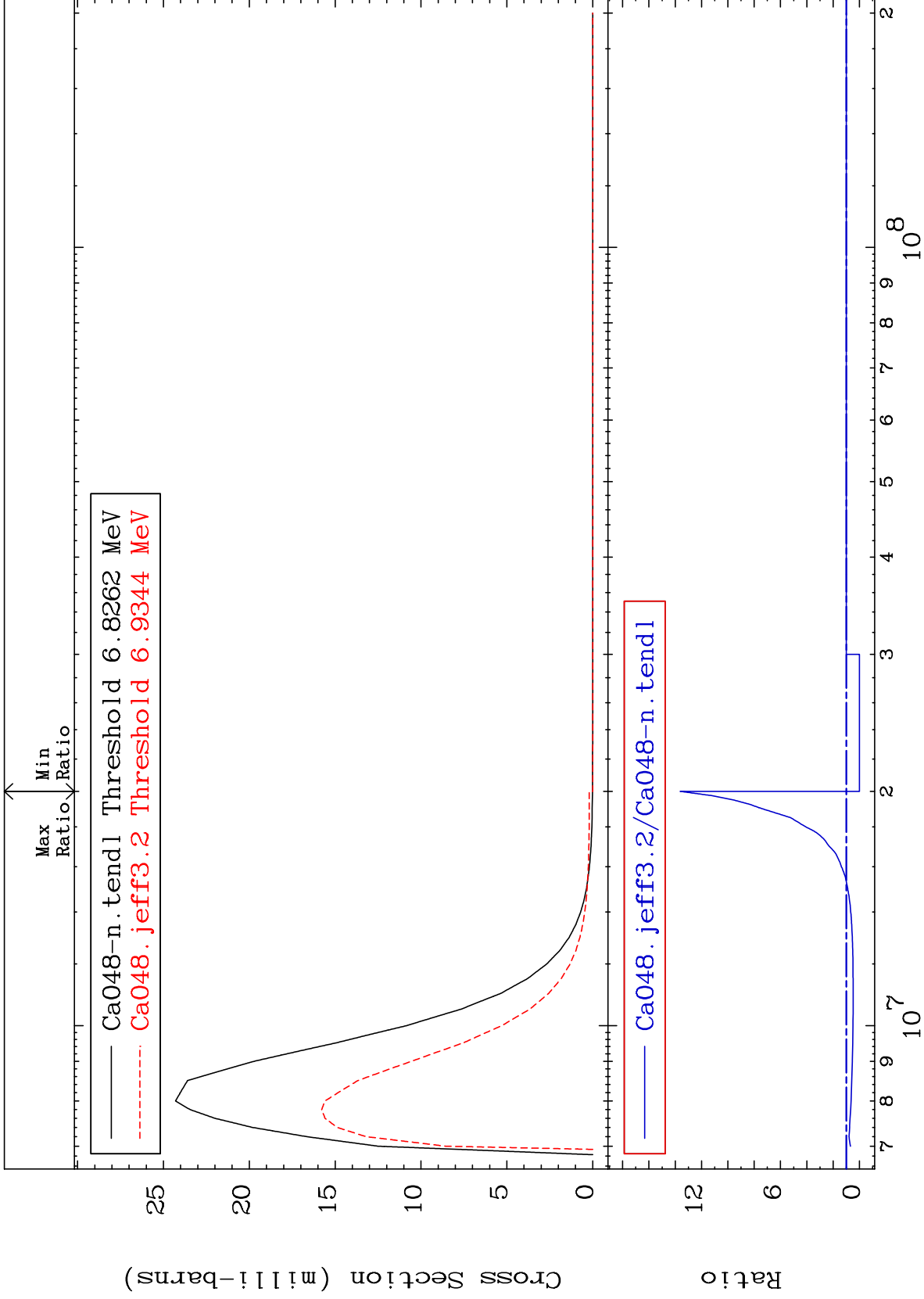
Incident Energy (eV)

20-Ca-48

MAT 2049

6.686 MeV (n,n') Level
Cross Section

20-Ca-48
-100.0 To 1261. %



28

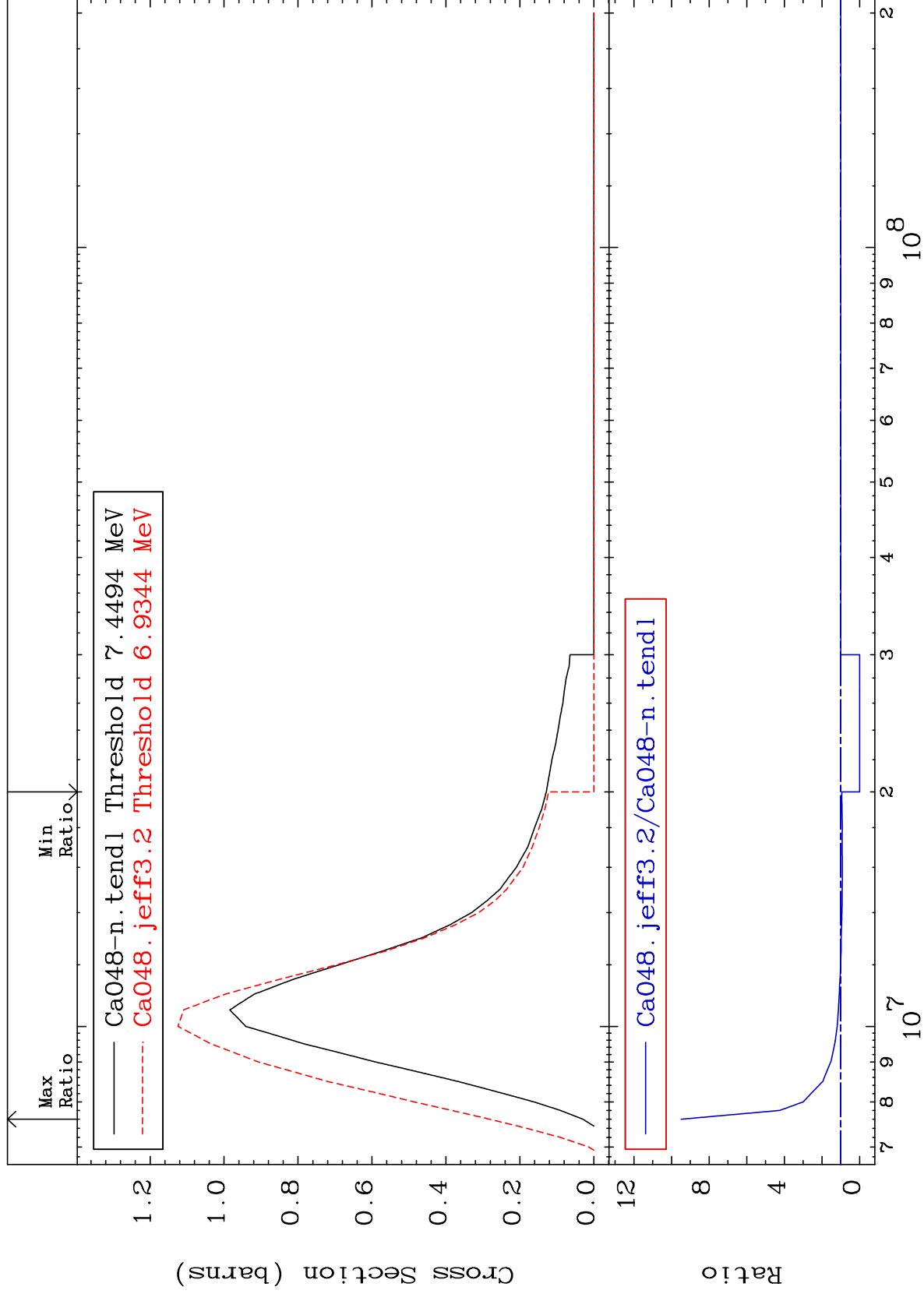
Incident Energy (eV)

20-Ca-48

MAT 2049

(n, n') Continuum
Cross Section

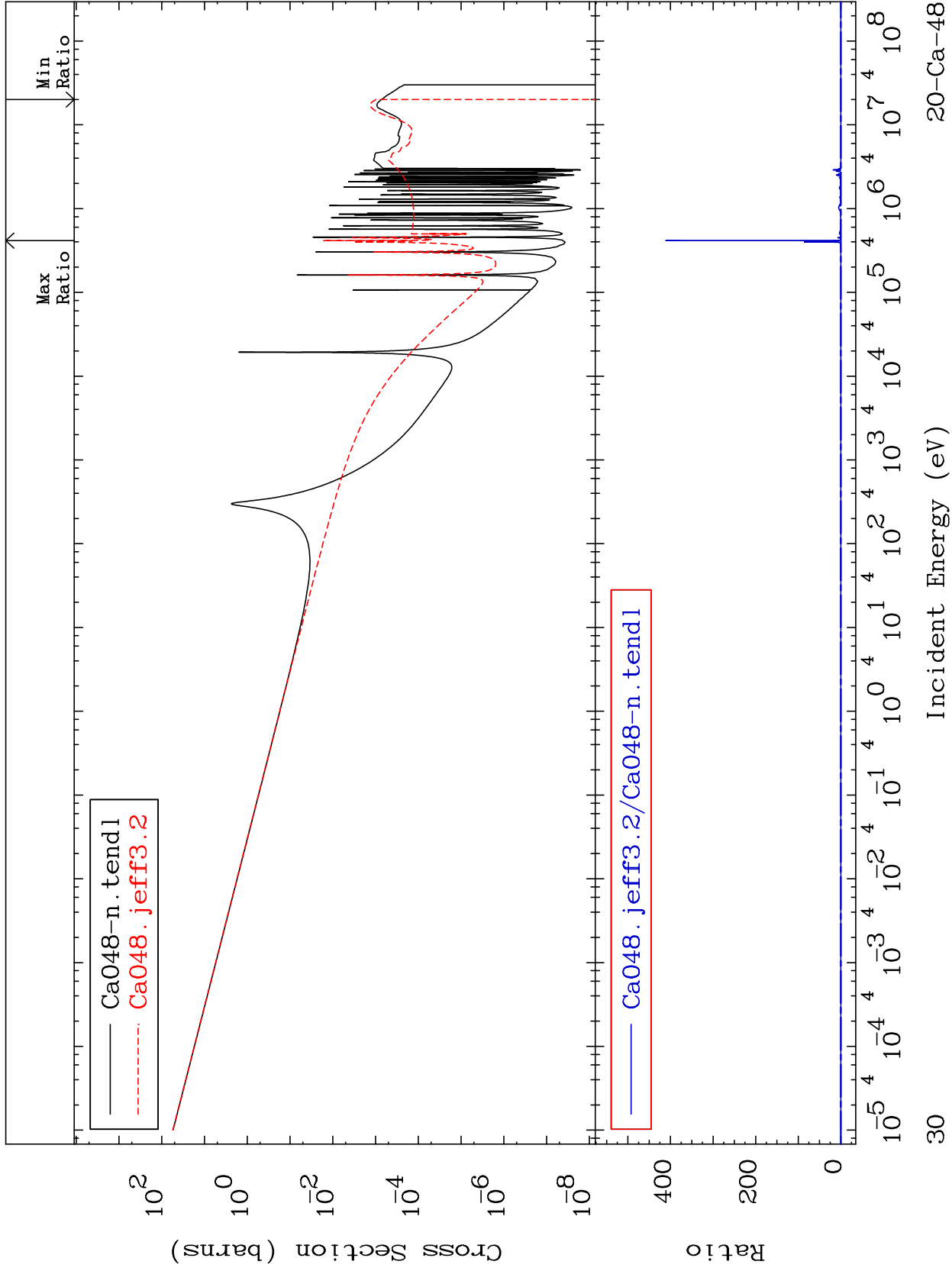
20-Ca-48
-100.0 To 848.6 %



MAT 2049

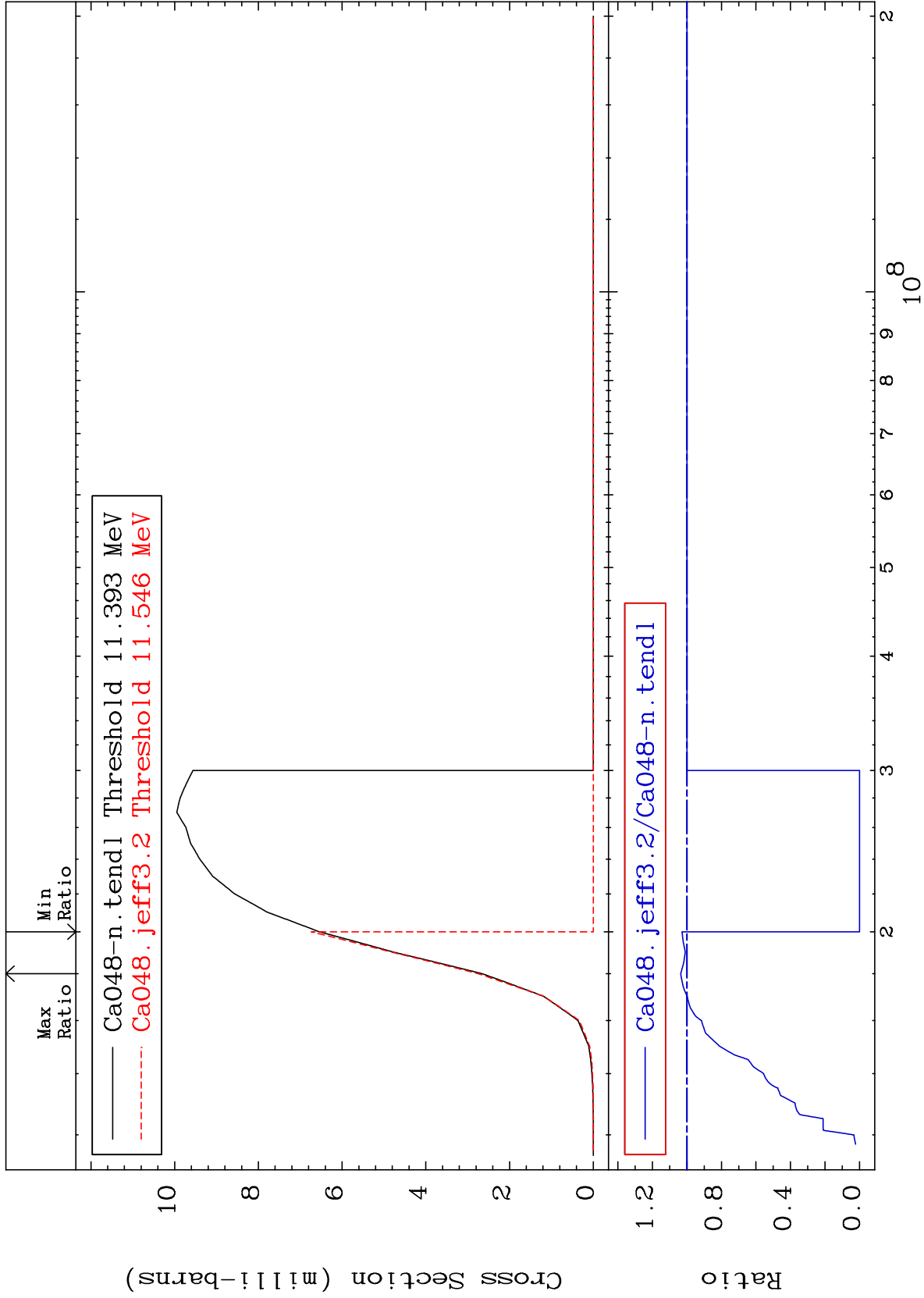
(n, γ)
Cross Section

-100.0 To 9999. %
20-Ca-48



Cross Section

-100.0 To 3.567 %



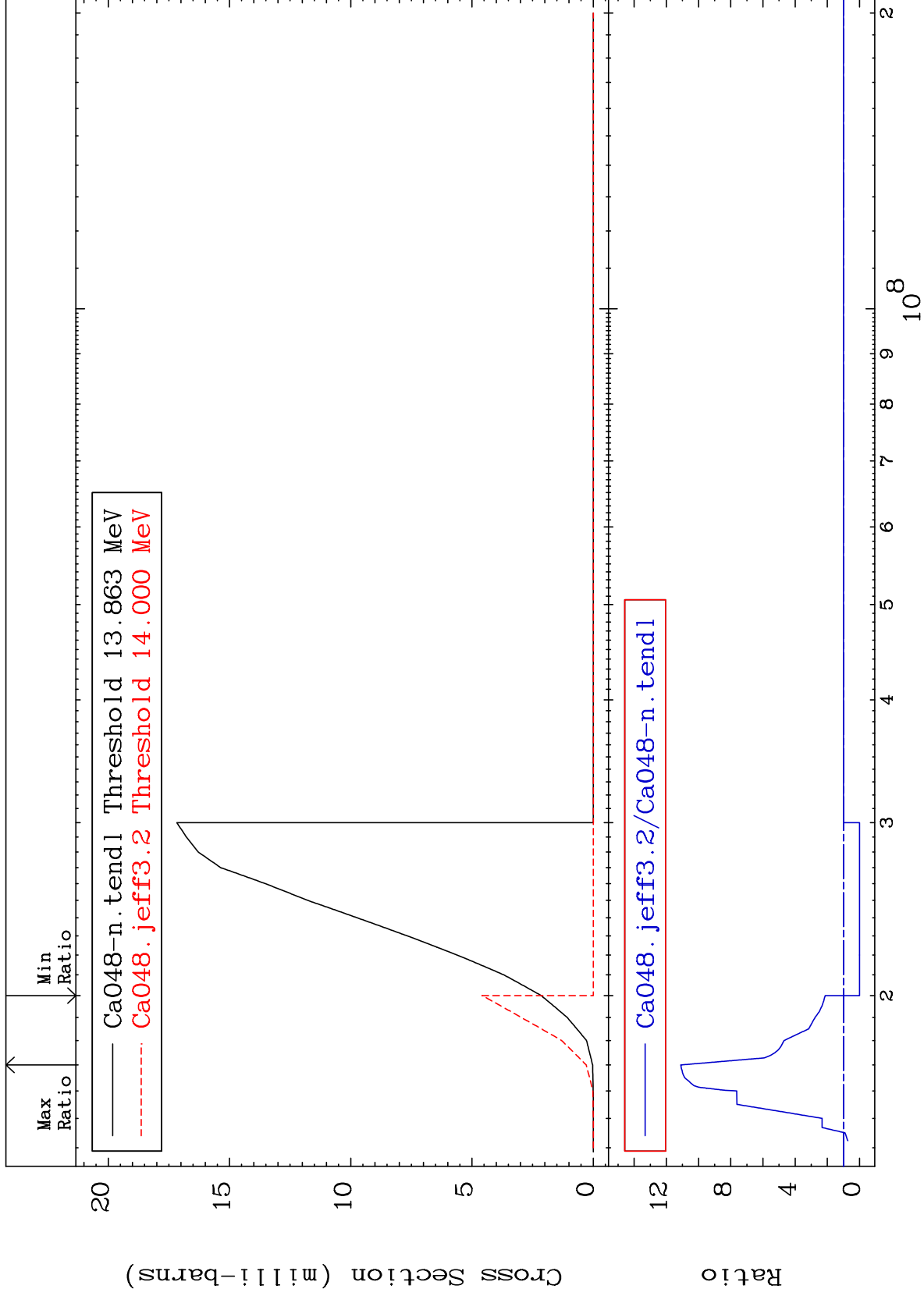
MAT 2049

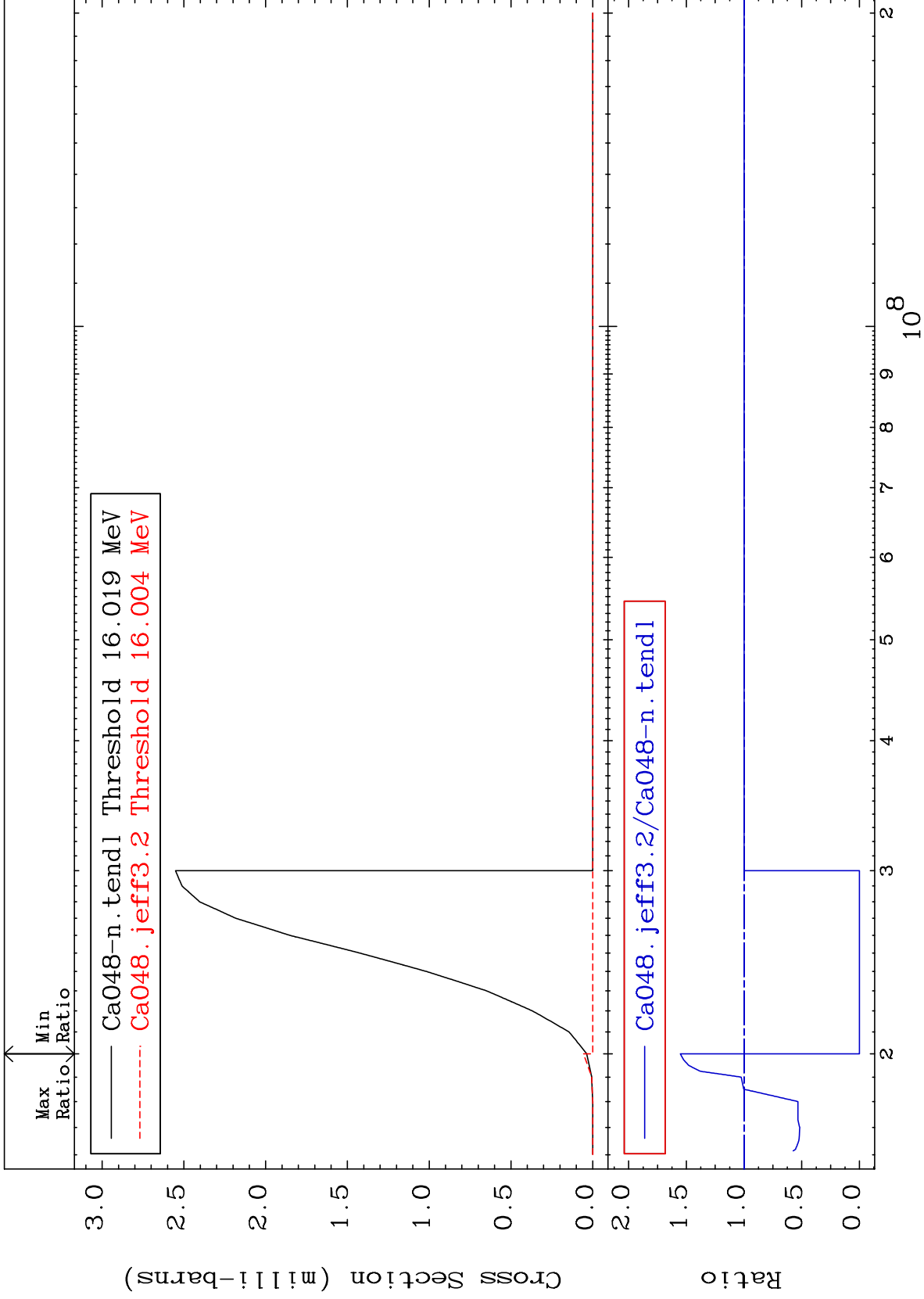
(n, d)

20-Ca-48

Cross Section

-100.0 To 1010. %



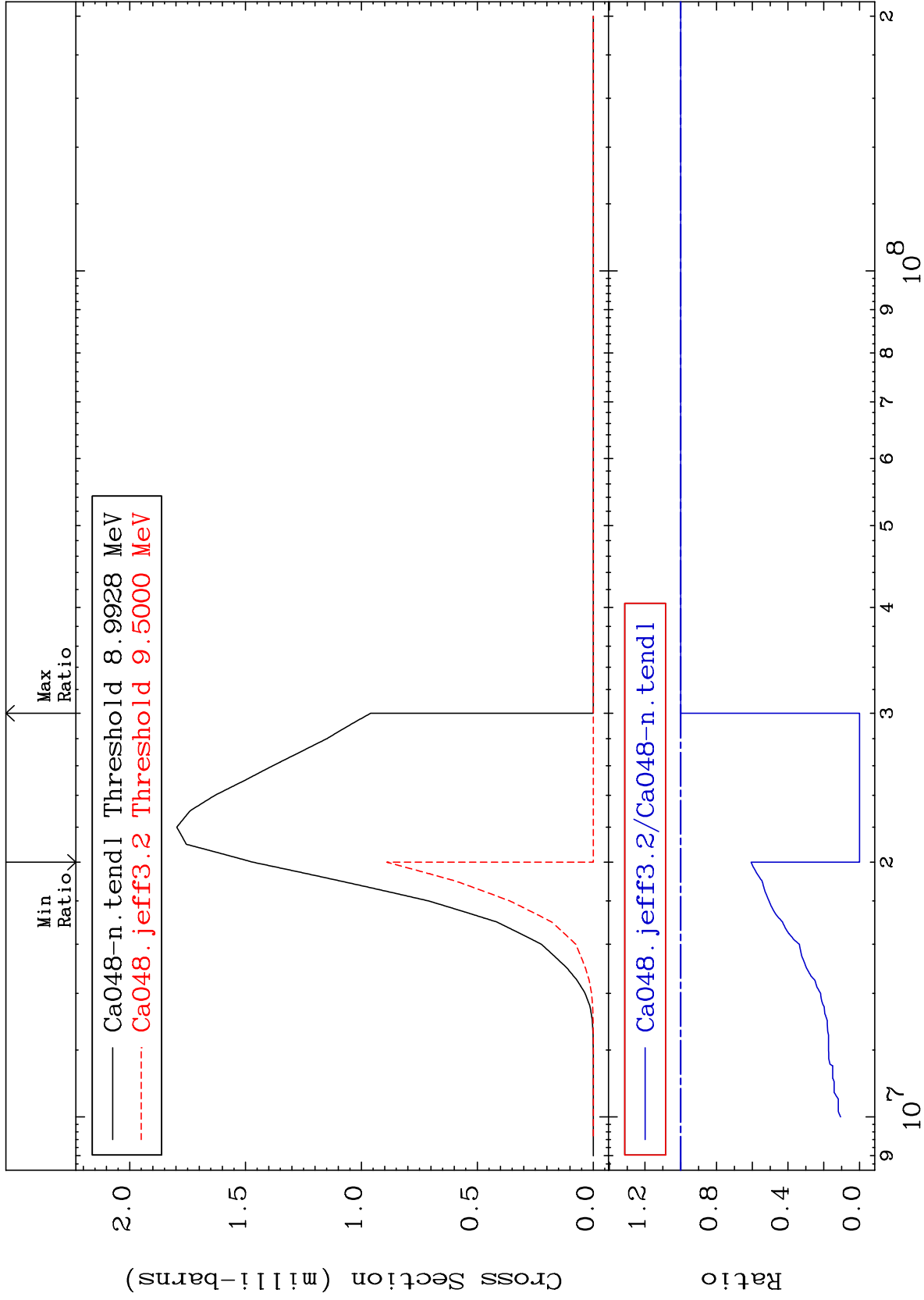


MAT 2049

20-Ca-48

-100.0 To 0.000 %

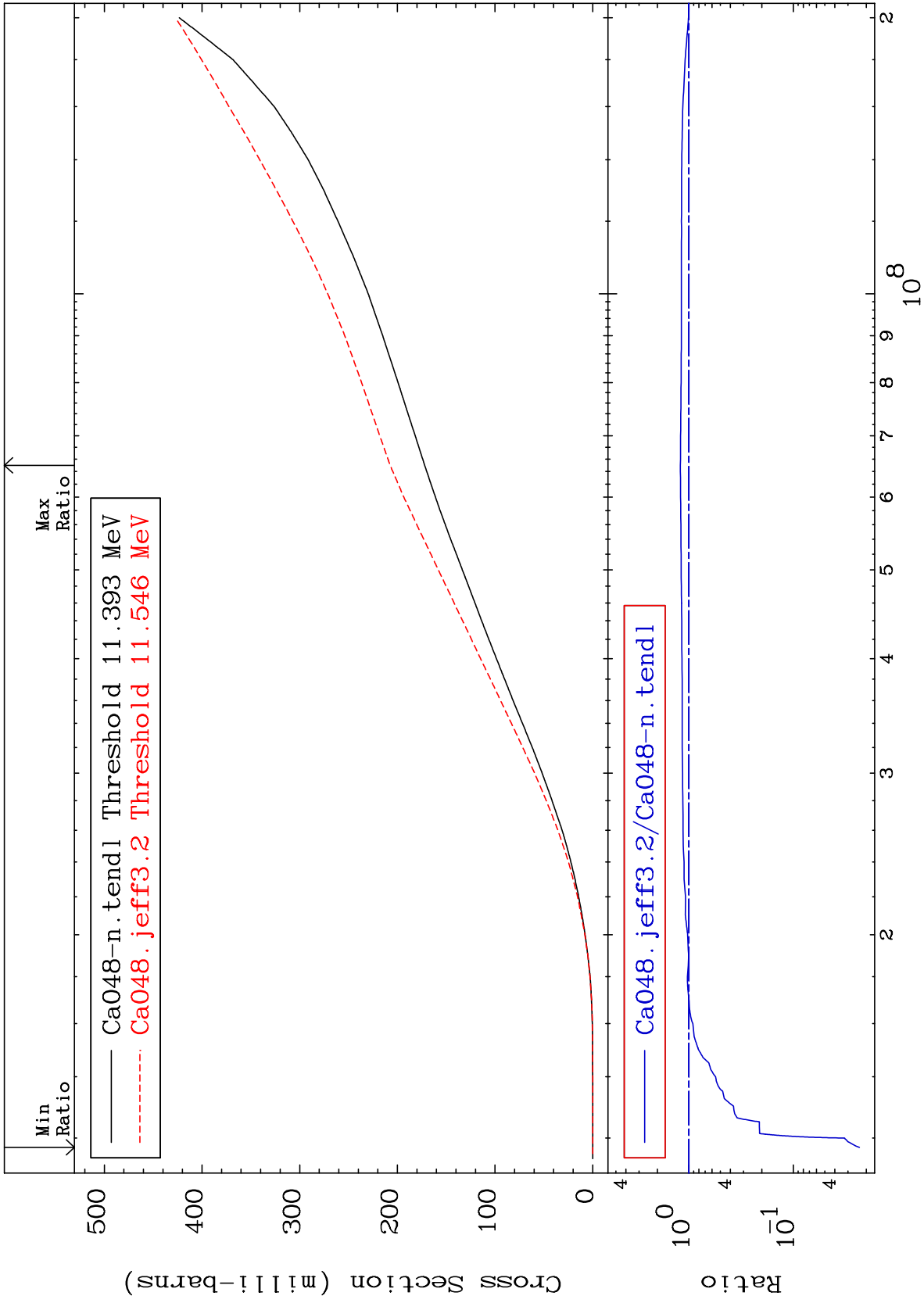
(n, α)
Cross Section

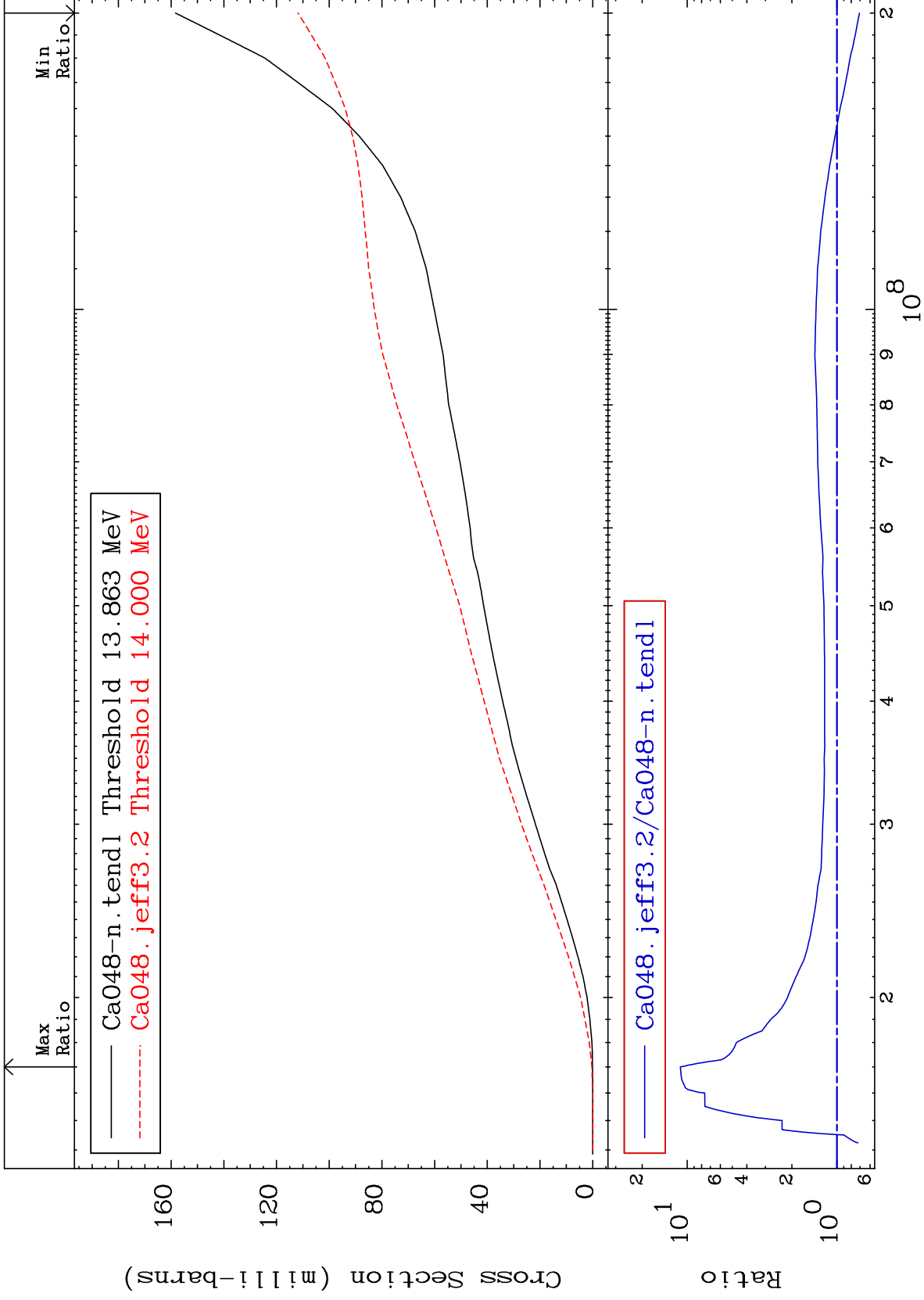


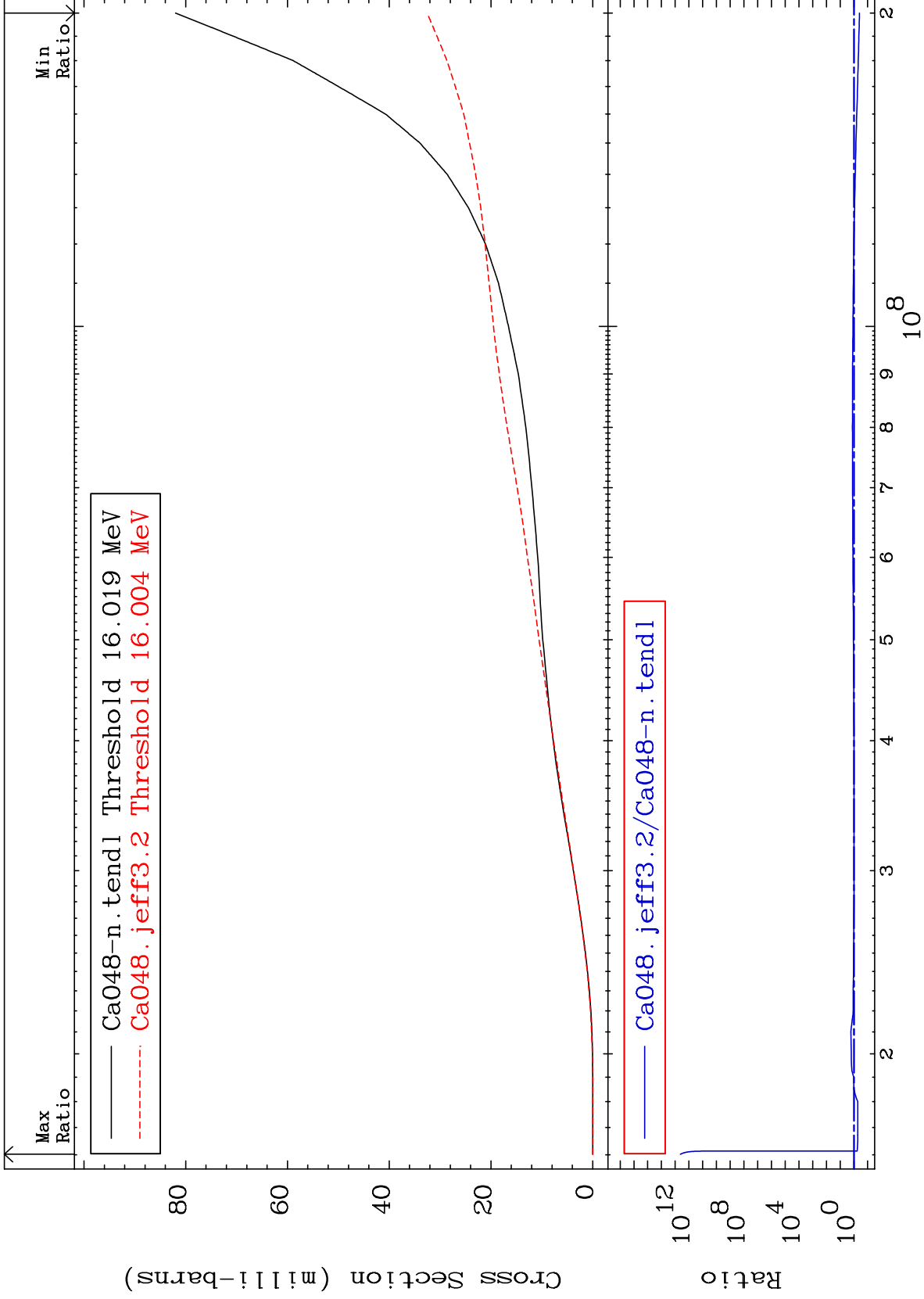
34

Incident Energy (eV)

20-Ca-48



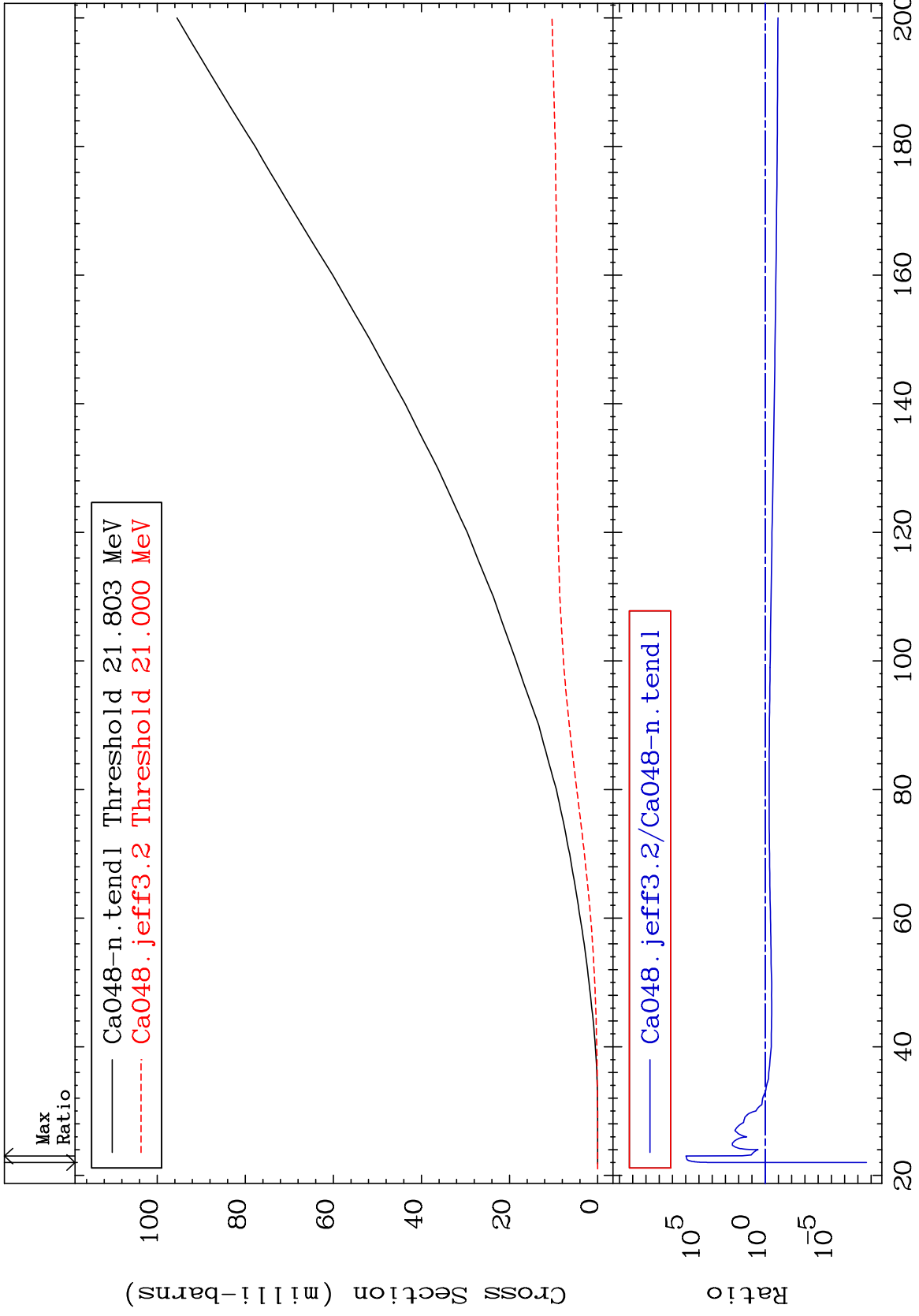




MAT 2049

He-3 Production
Cross Section

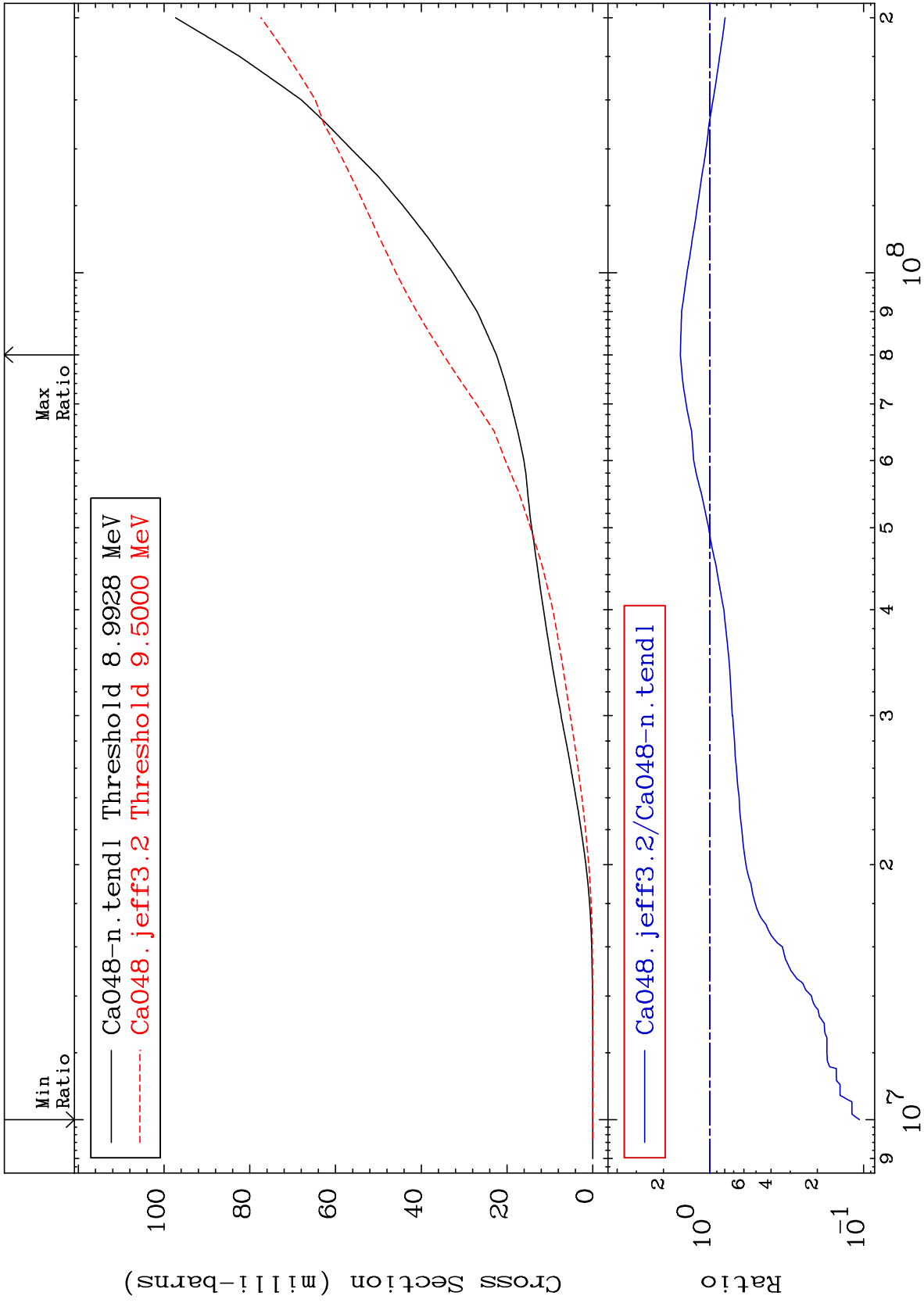
20-Ca-48
-100.0 To 9999. %



MAT 2049

He-4 Production
Cross Section

20-Ca-48
-89.35 To 55.26 %



39

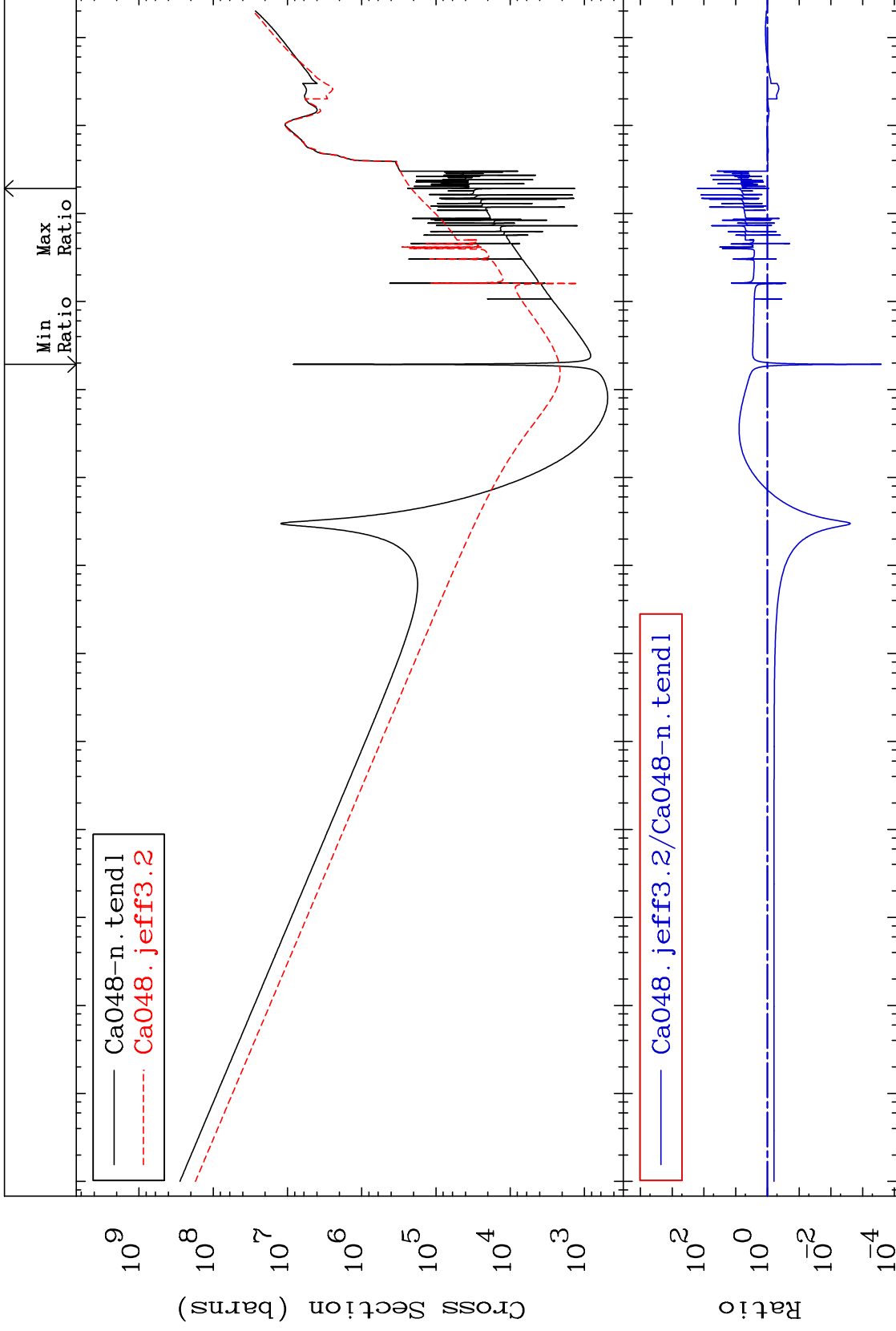
Incident Energy (eV)

20-Ca-48

MAT 2049

Kerma total (eV-barns)
Cross Section

20-Ca-48
-99.97 To 9999. %



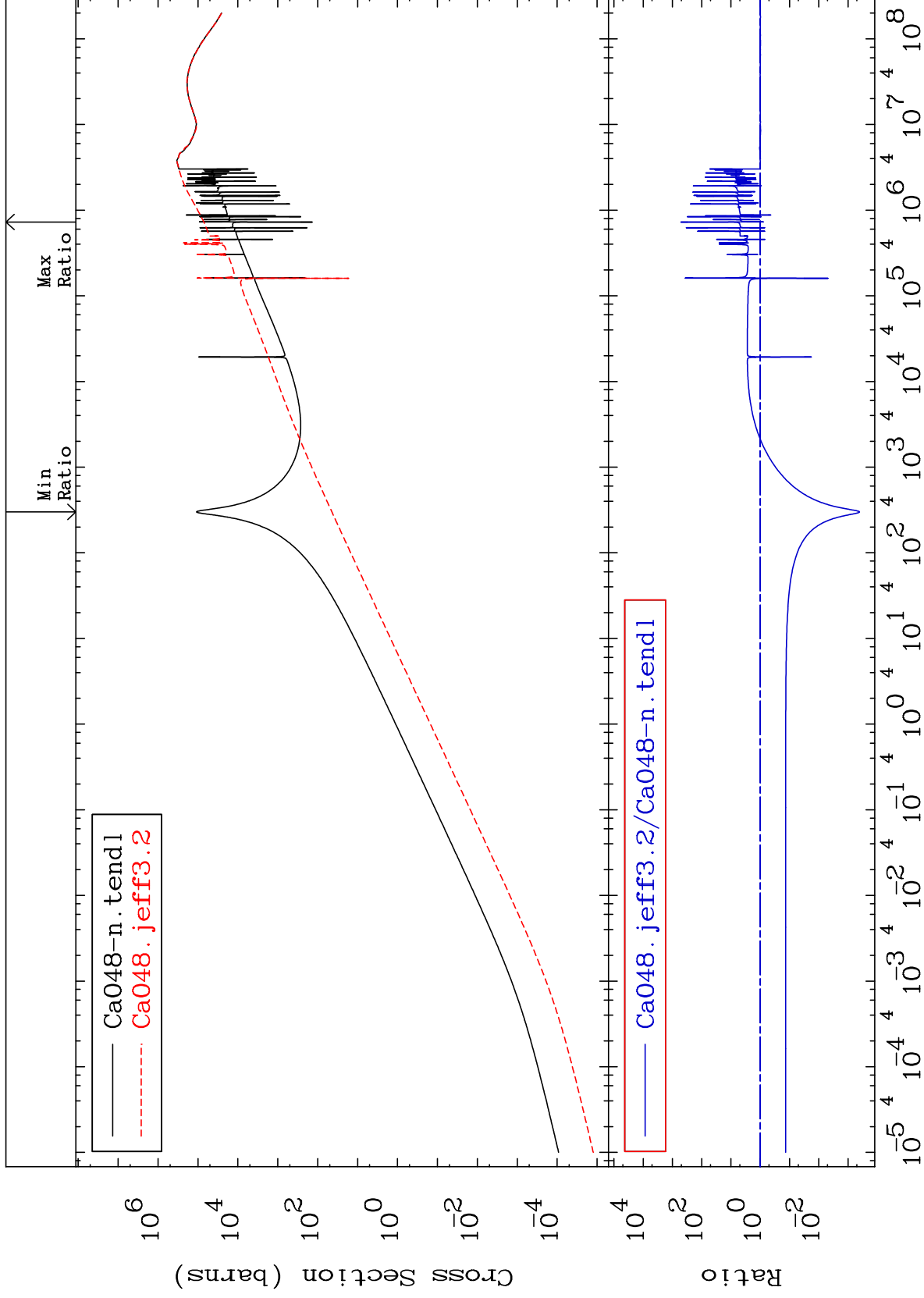
— Ca048-n.tendl
- - - Ca048.jeff3.2

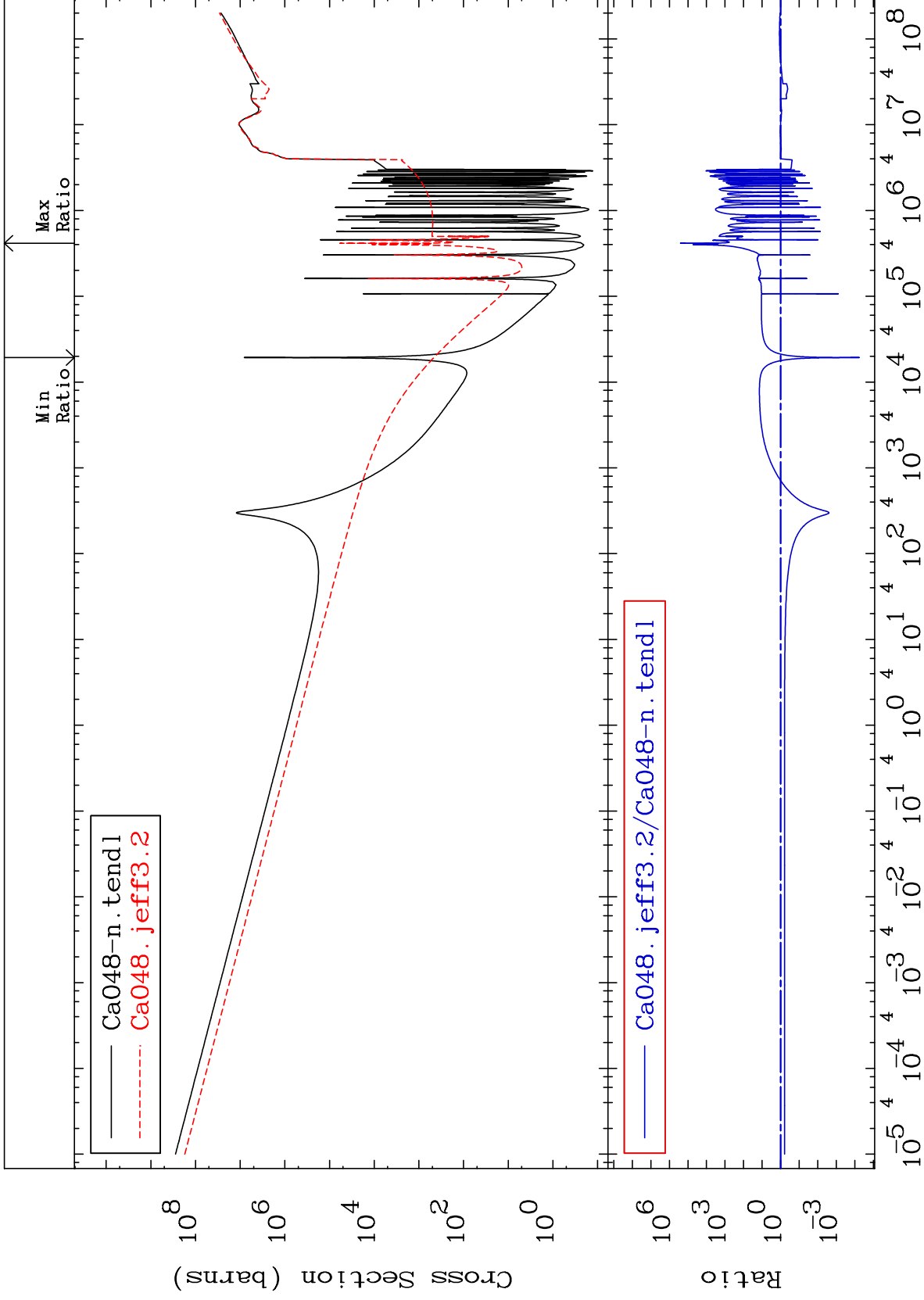
— Ca048.jeff3.2/Ca048-n.tendl

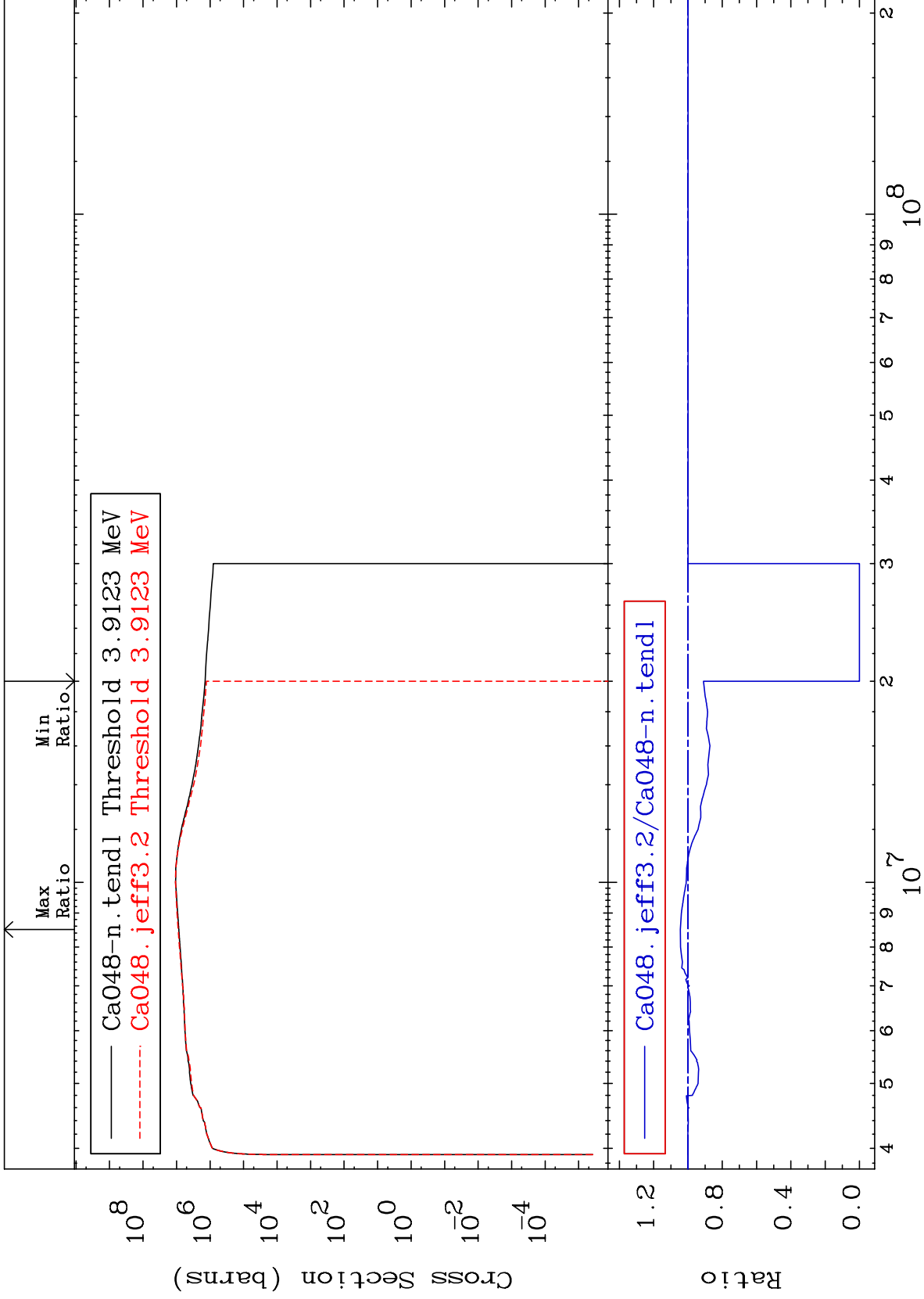
40

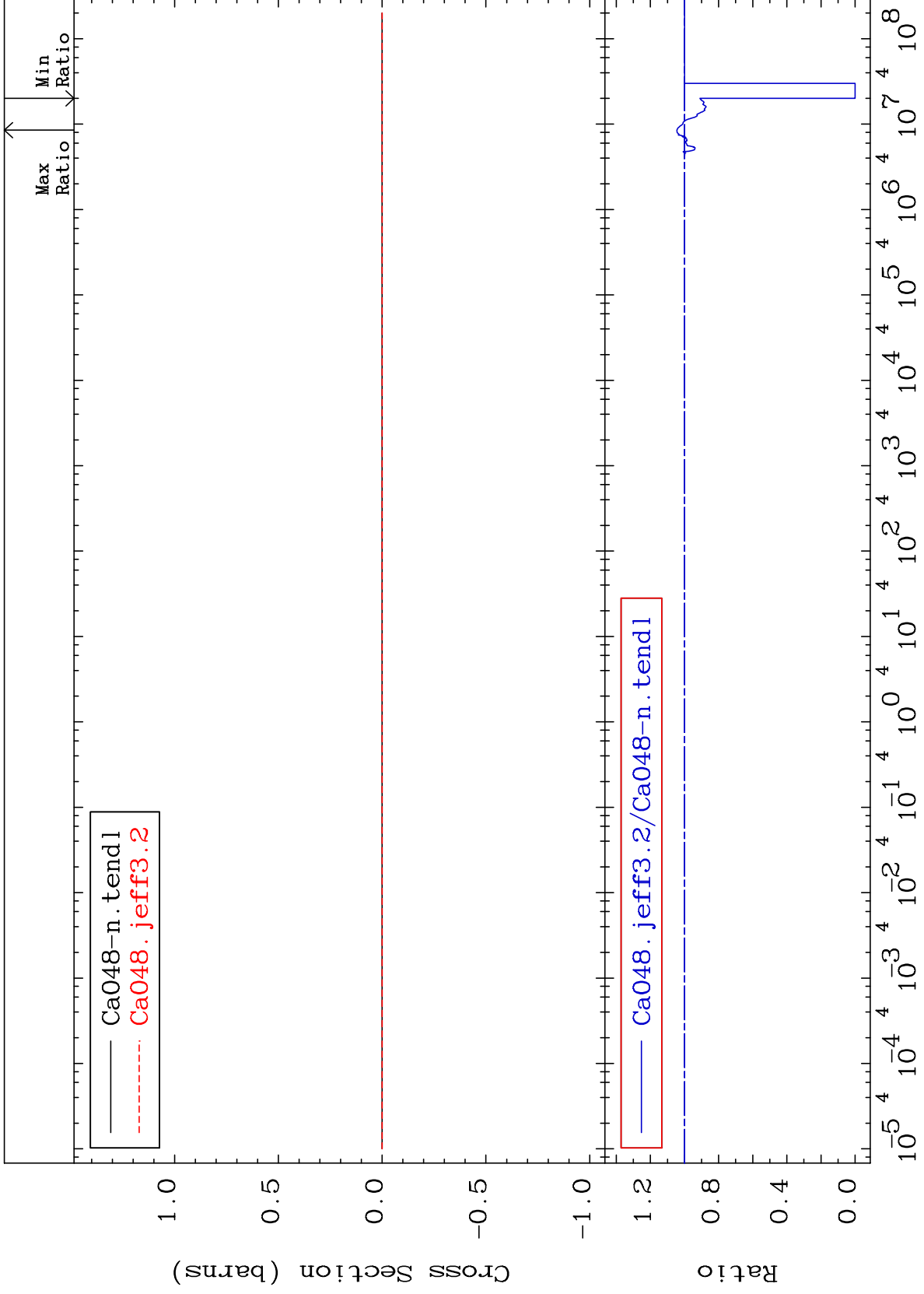
Incident Energy (eV)

20-Ca-48





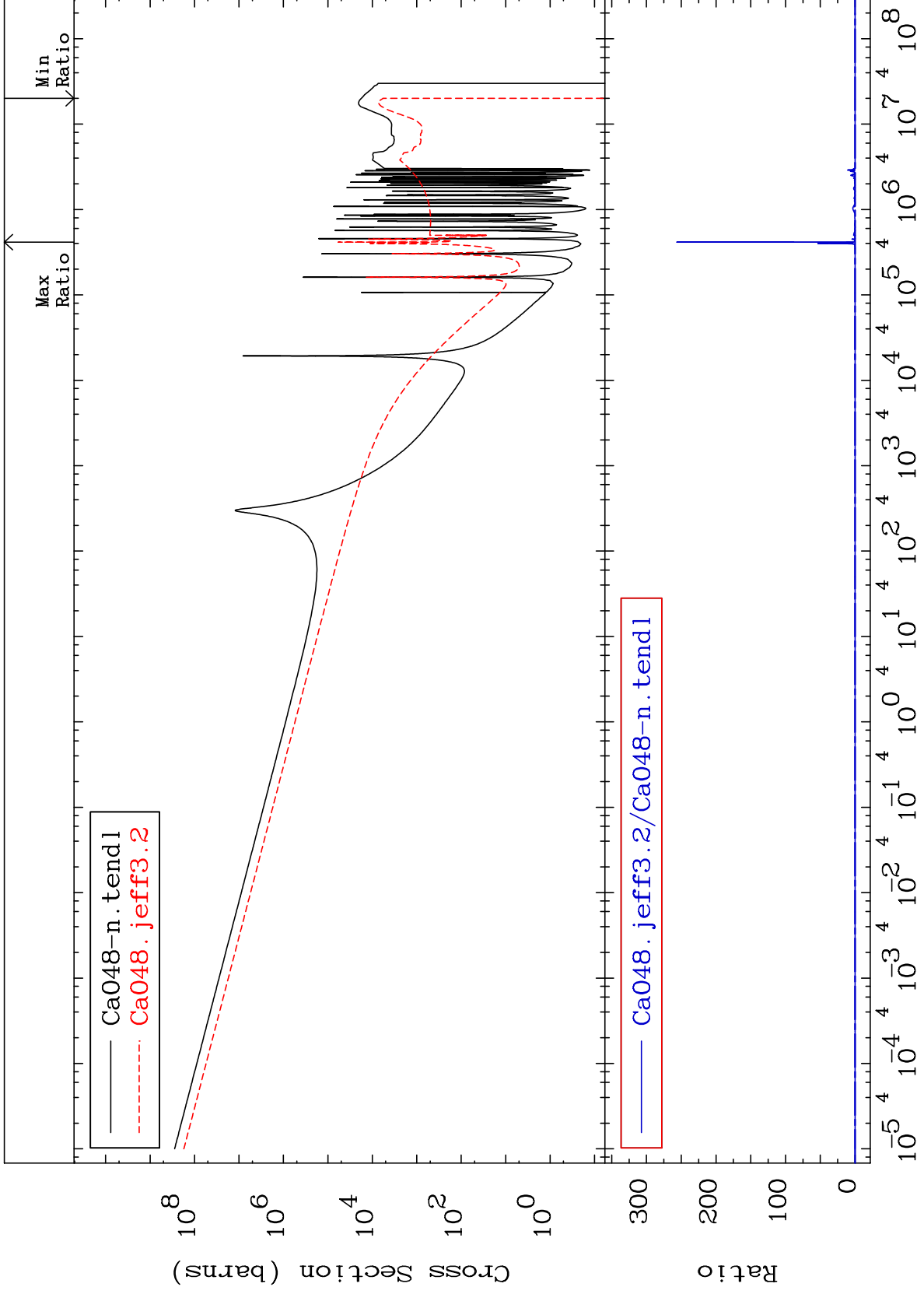




MAT 2049

Kerma capture (mt102)
Cross Section

20-Ca-48
-100.0 To 9999. %



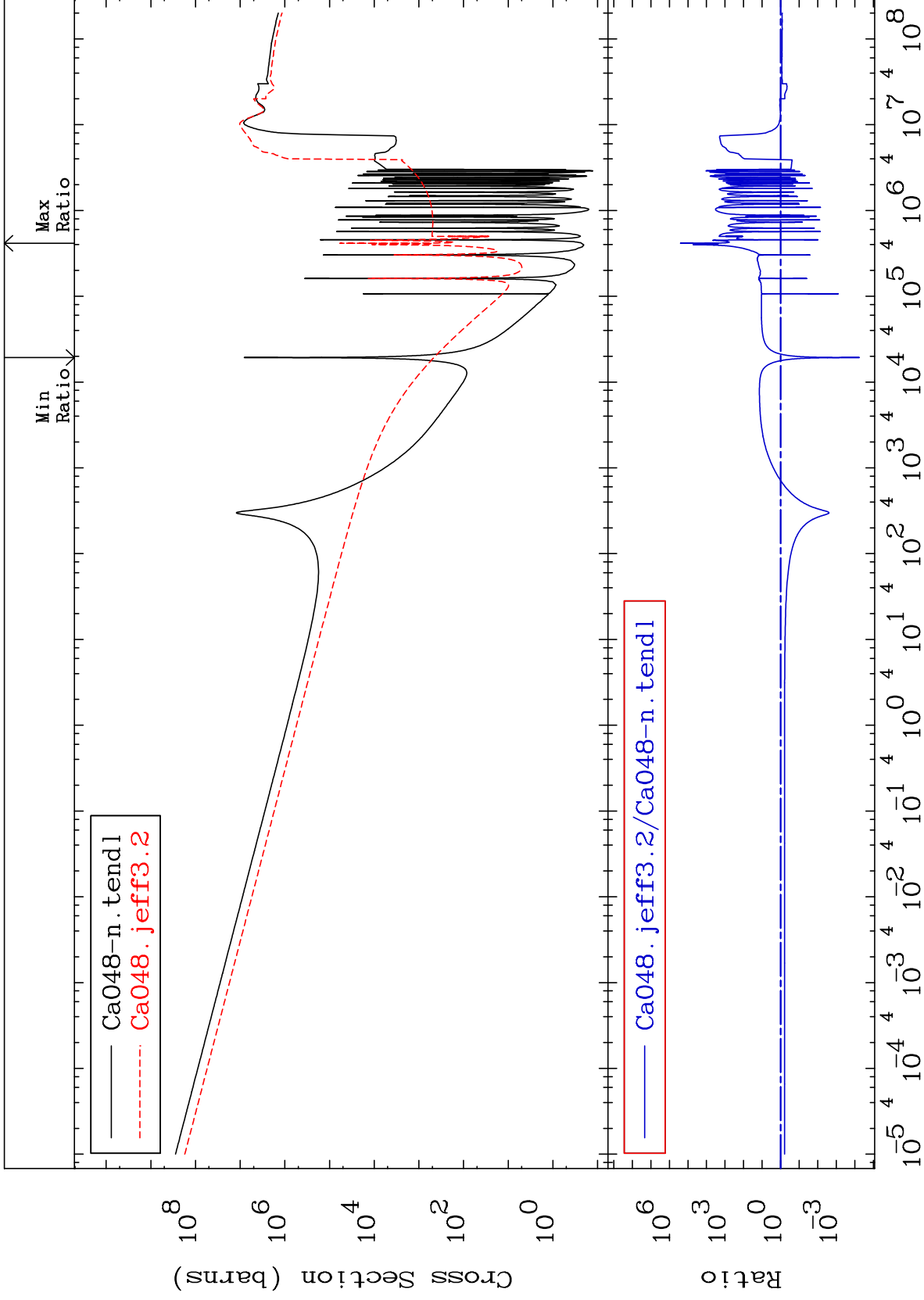
45

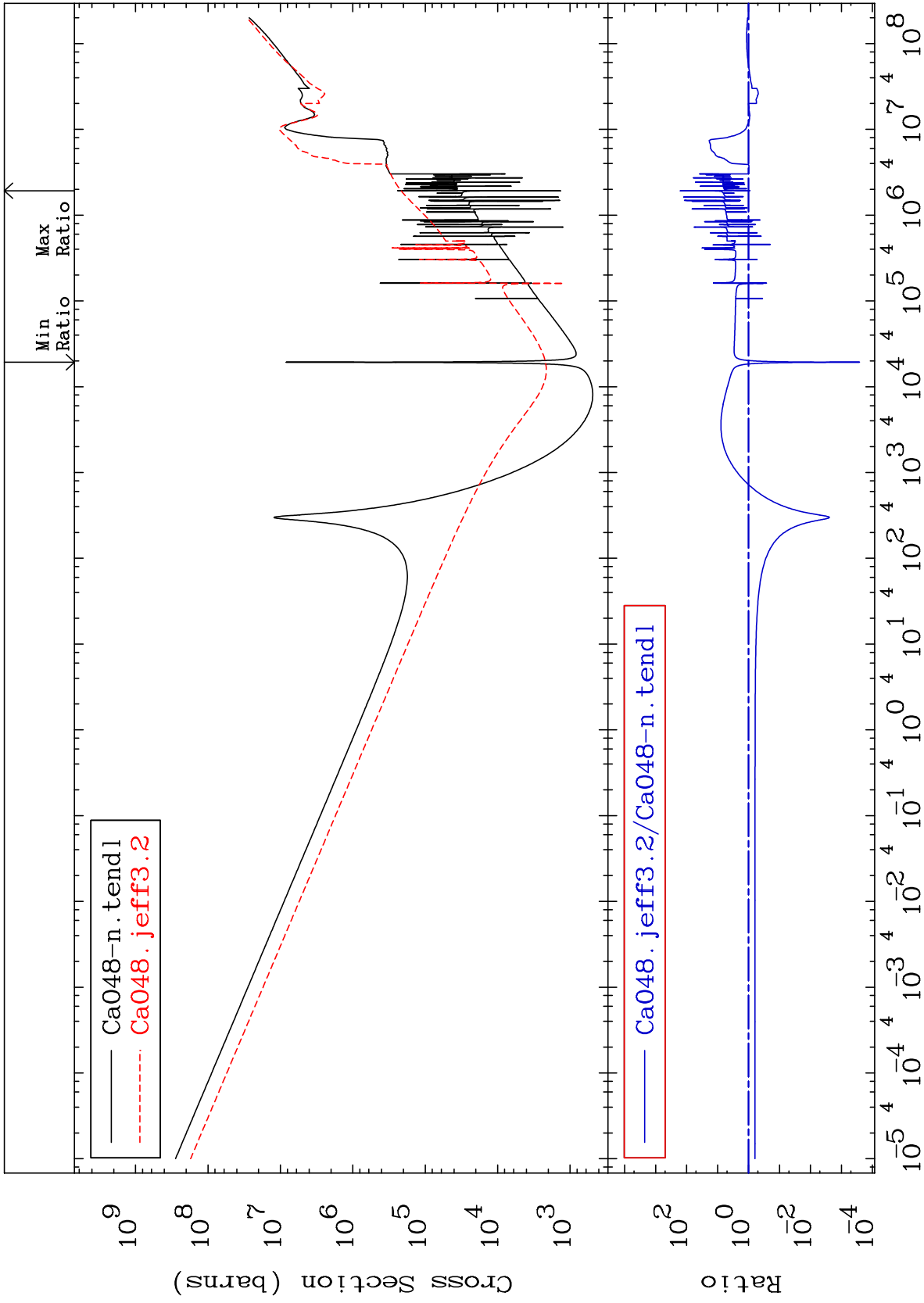
Incident Energy (eV)

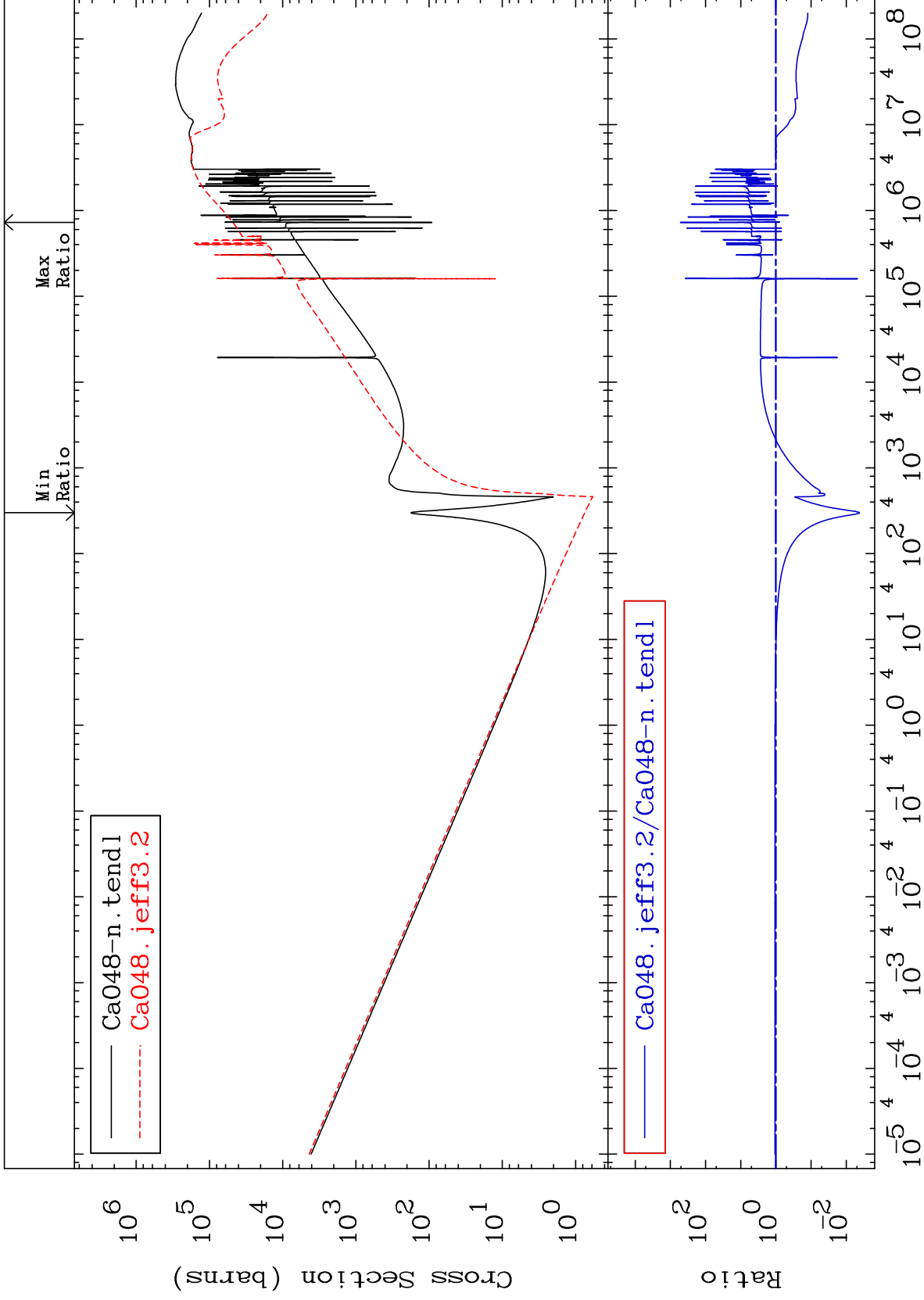
20-Ca-48

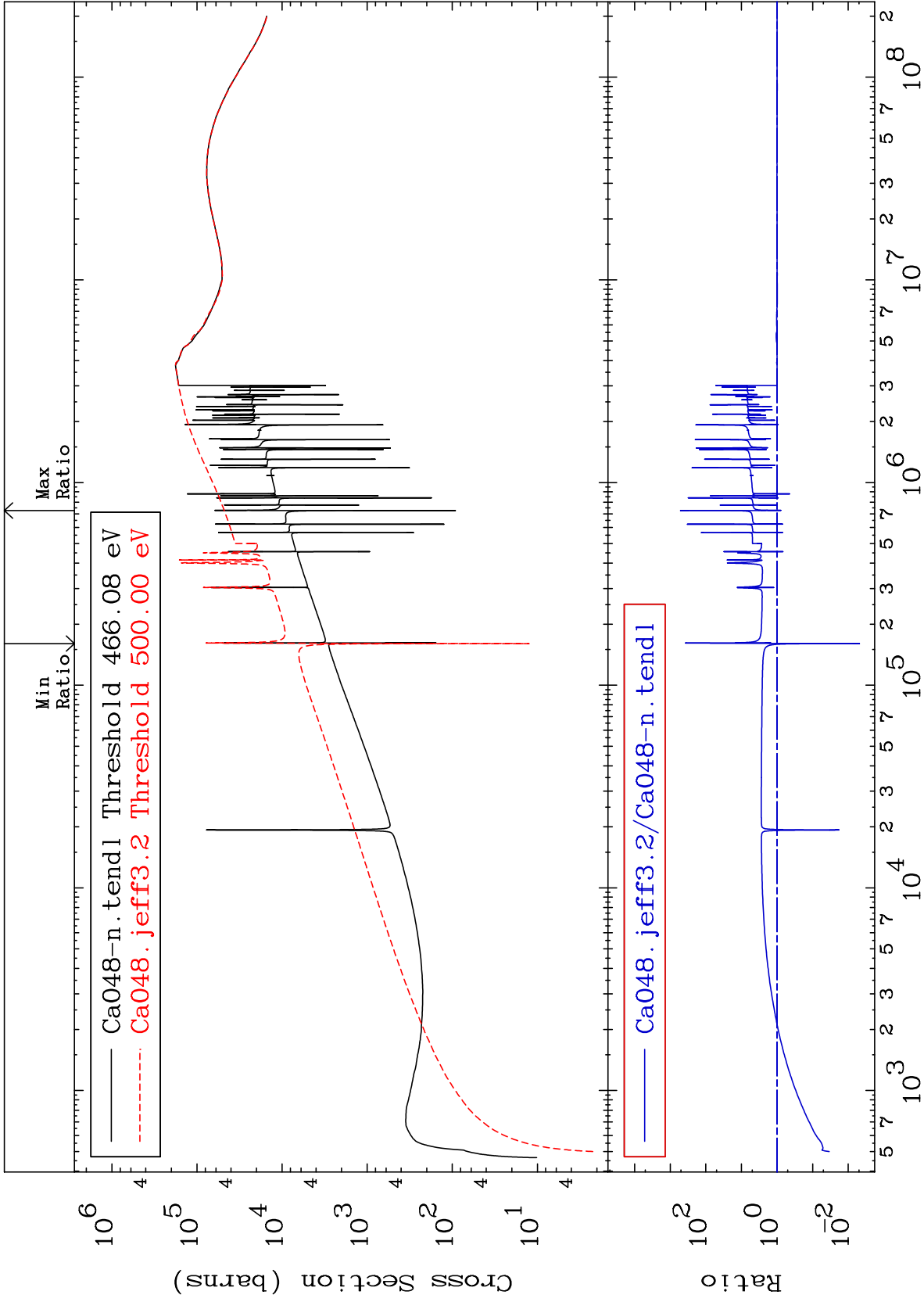
Total photon (eV-barns)
Cross Section

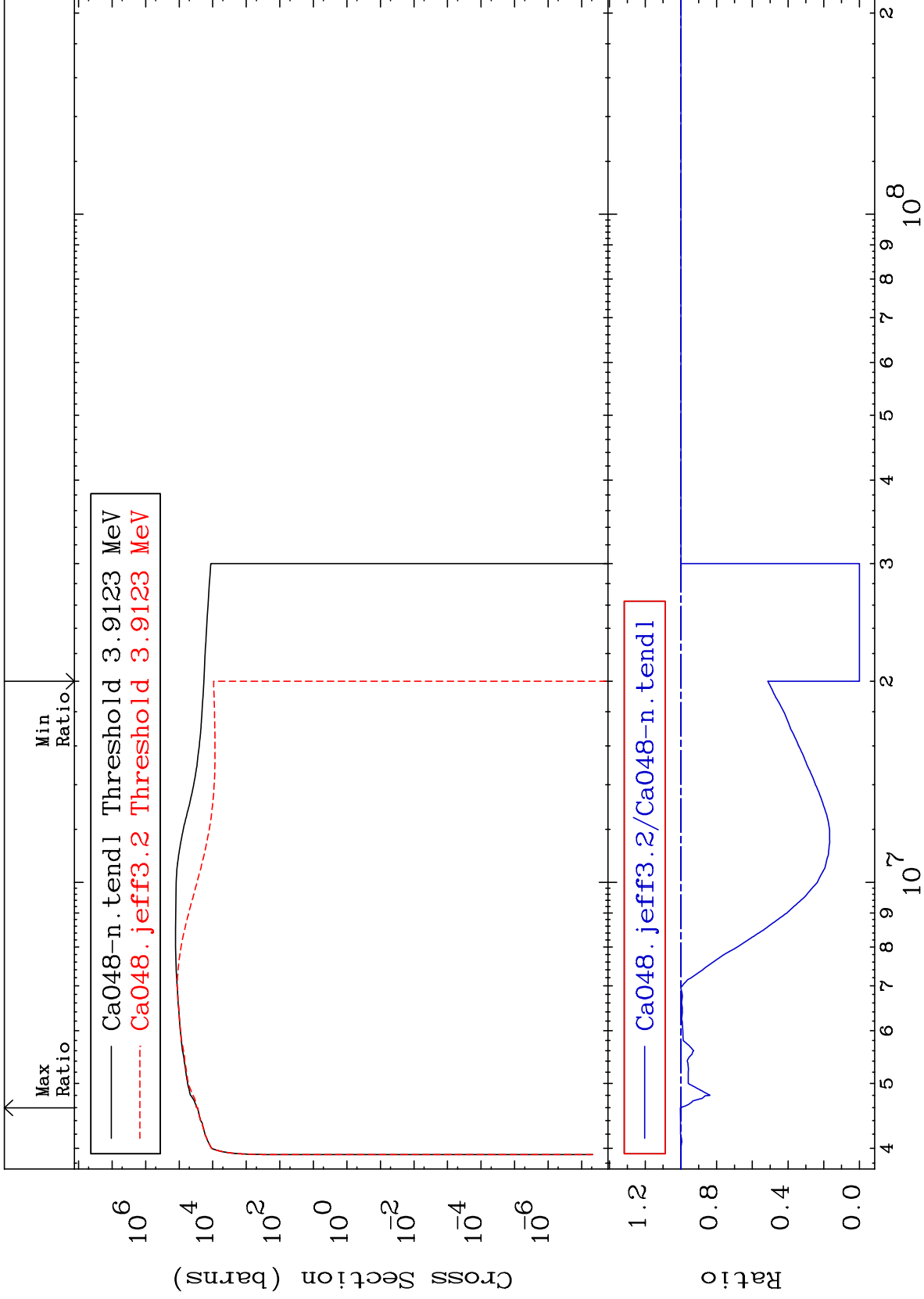
20-Ca-48
-99.99 To 9999. %











MAT 2049

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-48
-100.0 To 9999. %

