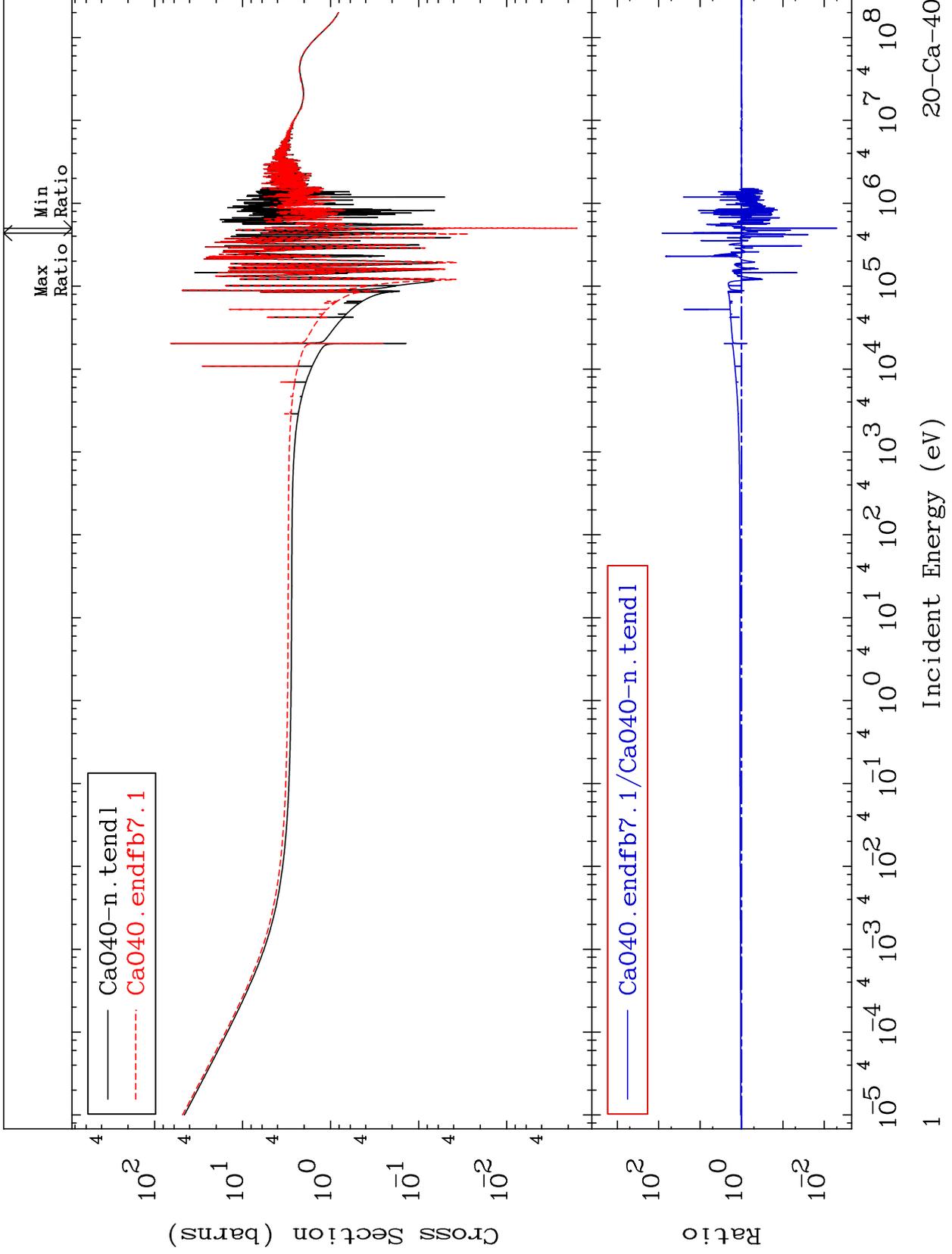


MAT 2025

Total
Cross Section

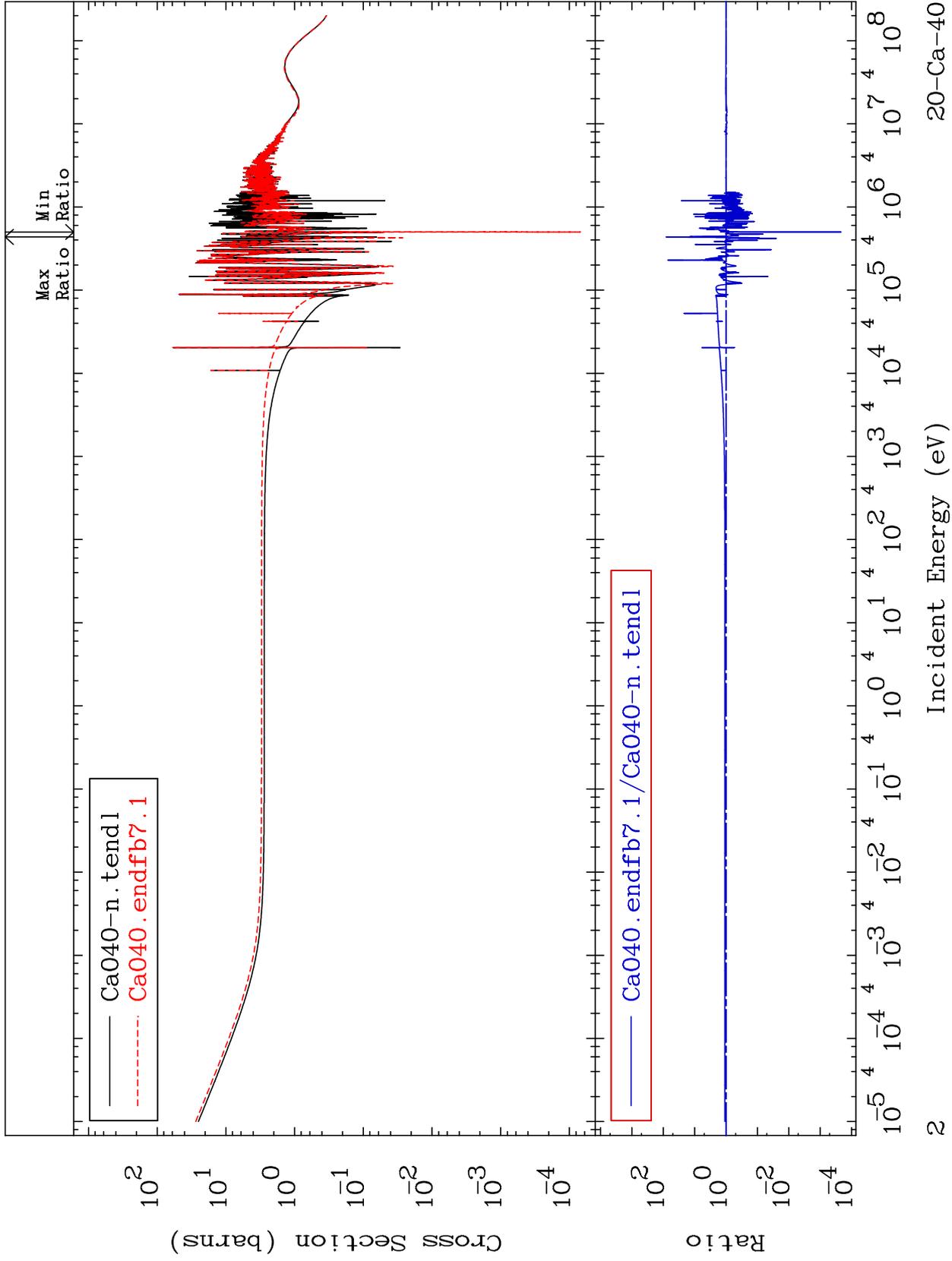
20-Ca-40
-99.50 To 8076. %



MAT 2025

Elastic
Cross Section

20-Ca-40
-99.98 To 8145. %

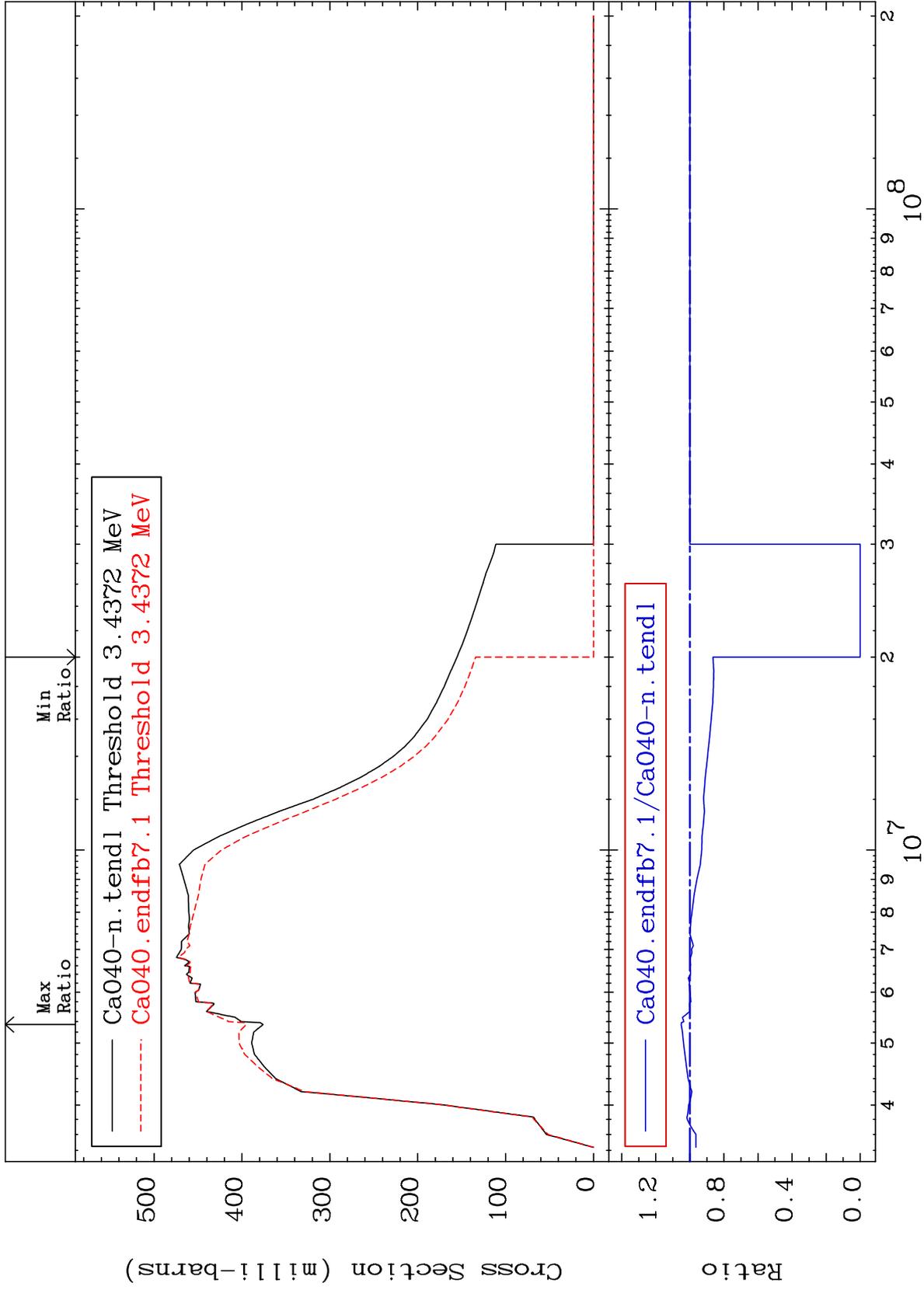


2

Incident Energy (eV)

20-Ca-40

MAT 2025 Inelastic Cross Section 20-Ca-40 -100.0 To 5.090 %

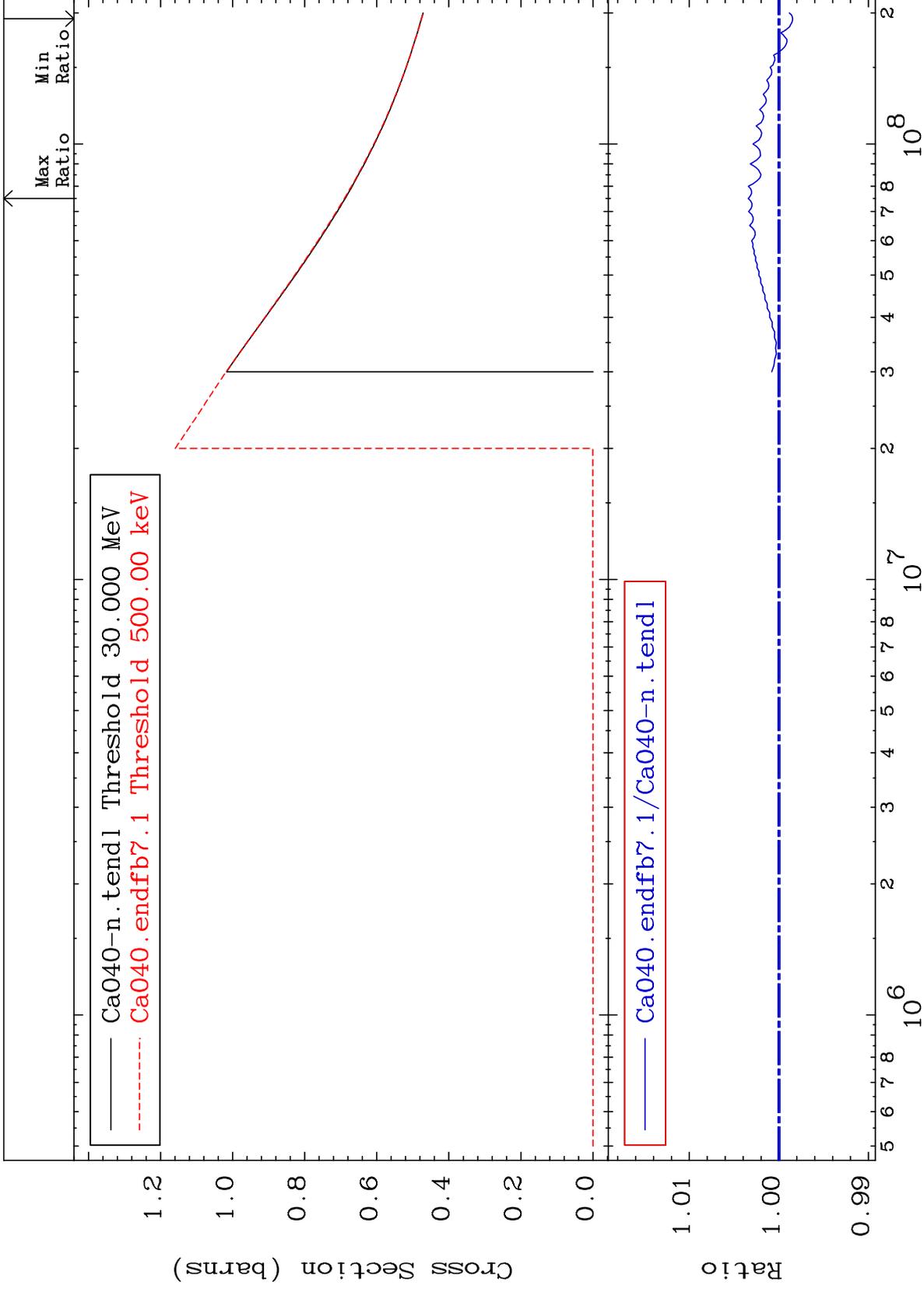


3 Incident Energy (eV) 20-Ca-40

MAT 2025

(n, remainder)
Cross Section

20-Ca-40
-0.153 To 0.342 %



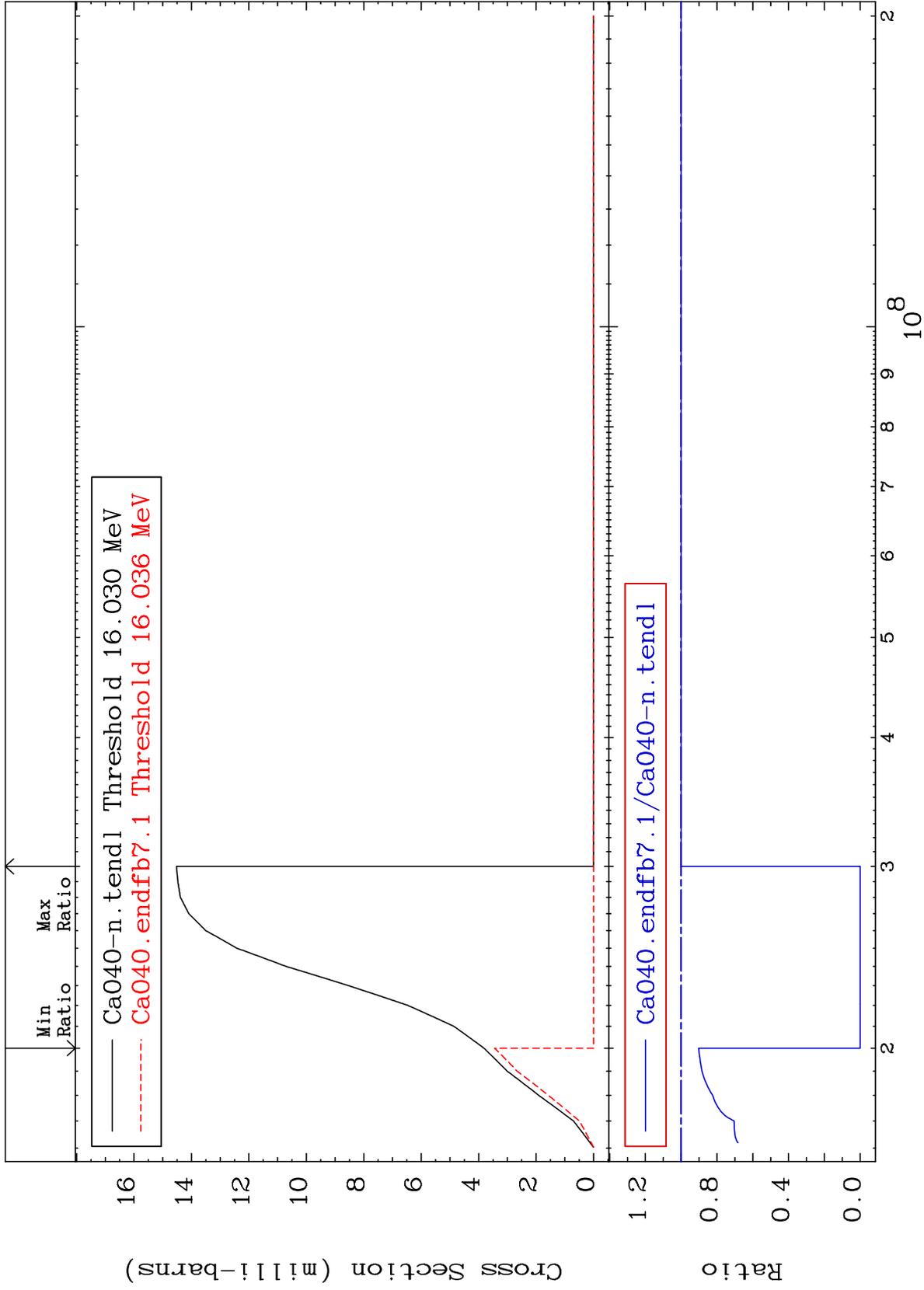
MAT 2025

(n,2n)

20-Ca-40

Cross Section

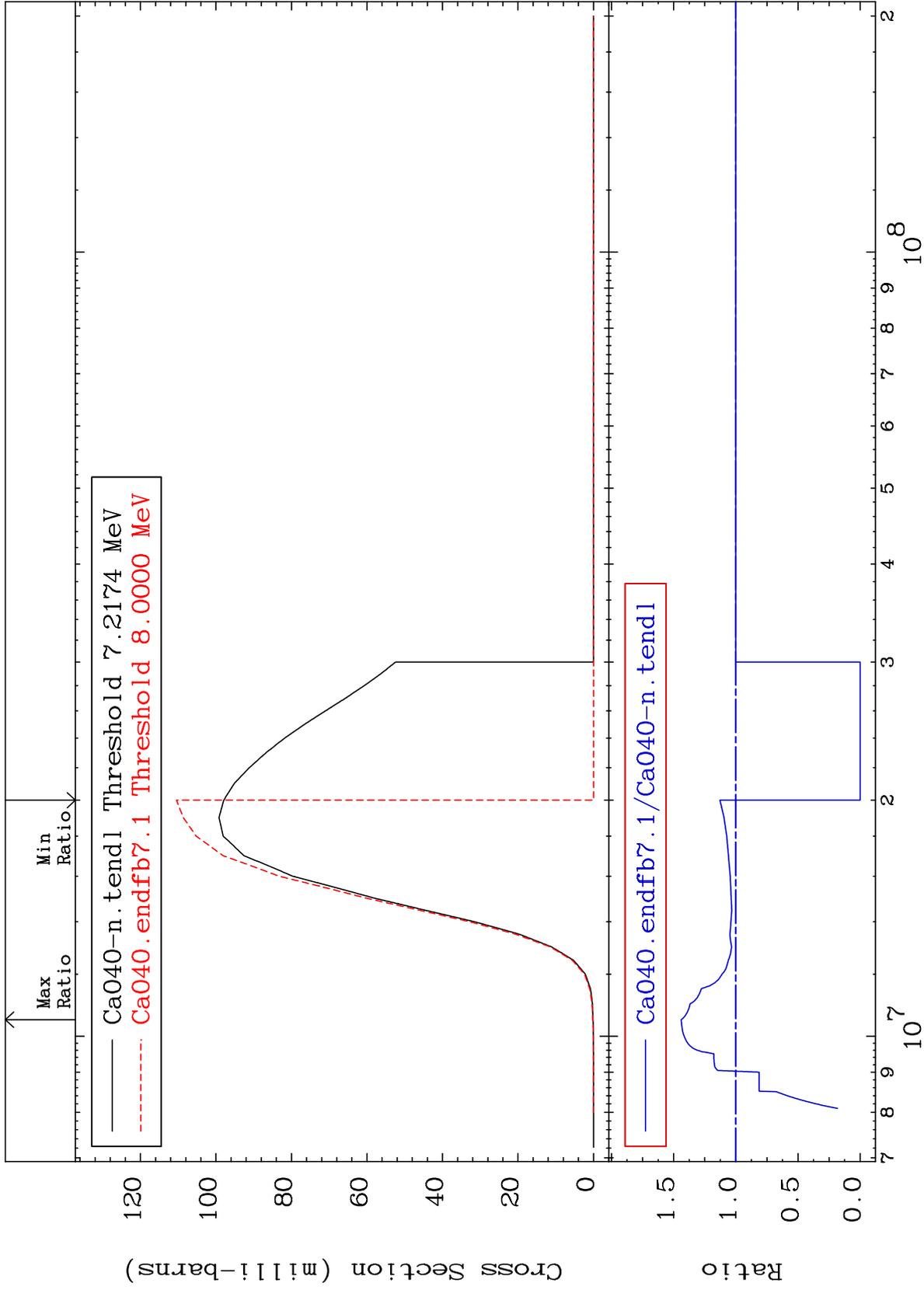
-100.0 To 0.000 %



MAT 2025

(n, n') α
Cross Section

20-Ca-40
-100.0 To 43.96 %



6

Incident Energy (eV)

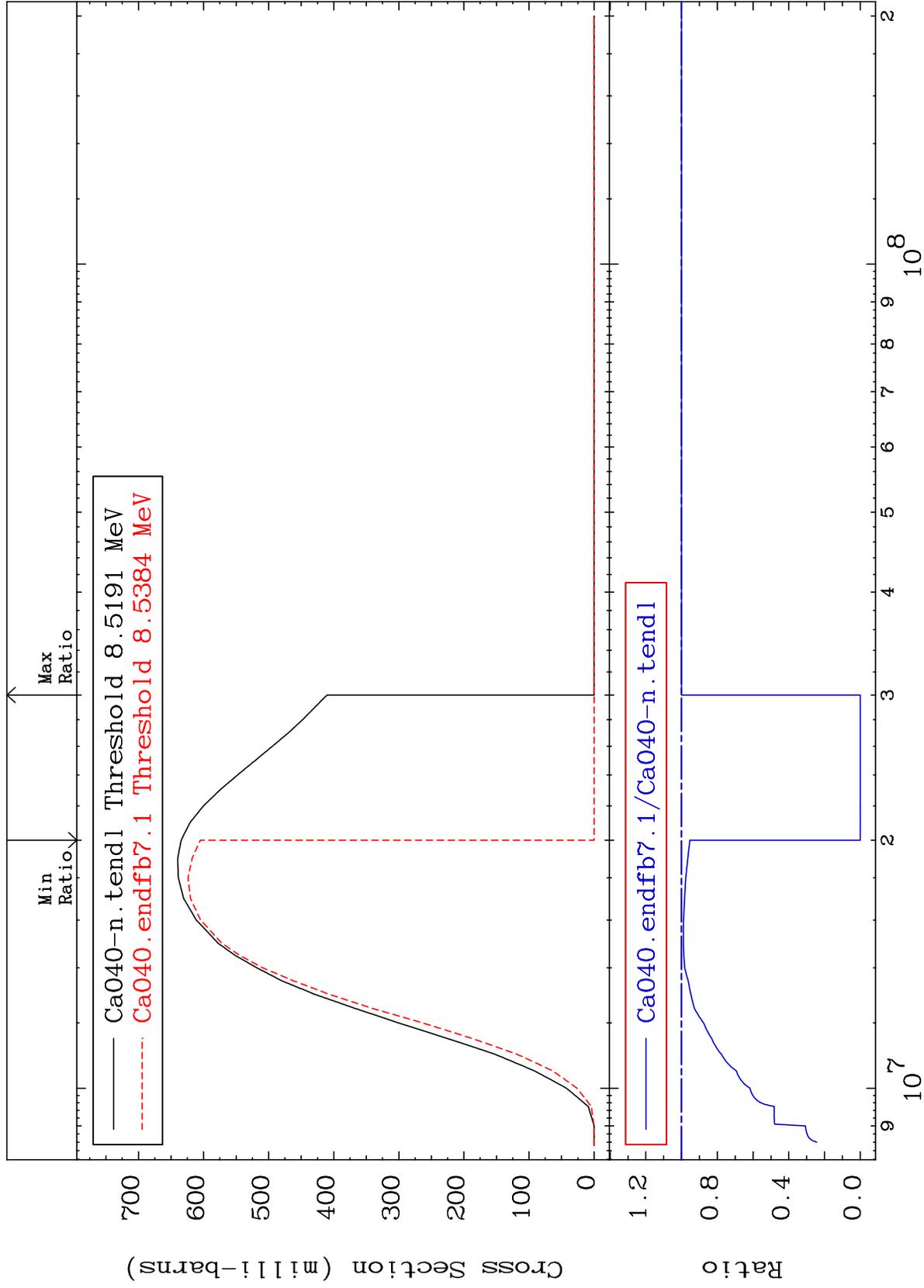
20-Ca-40

MAT 2025

(n, n') p
Cross Section

20-Ca-40

-100.0 To 0.000 %



7

Incident Energy (eV)

20-Ca-40

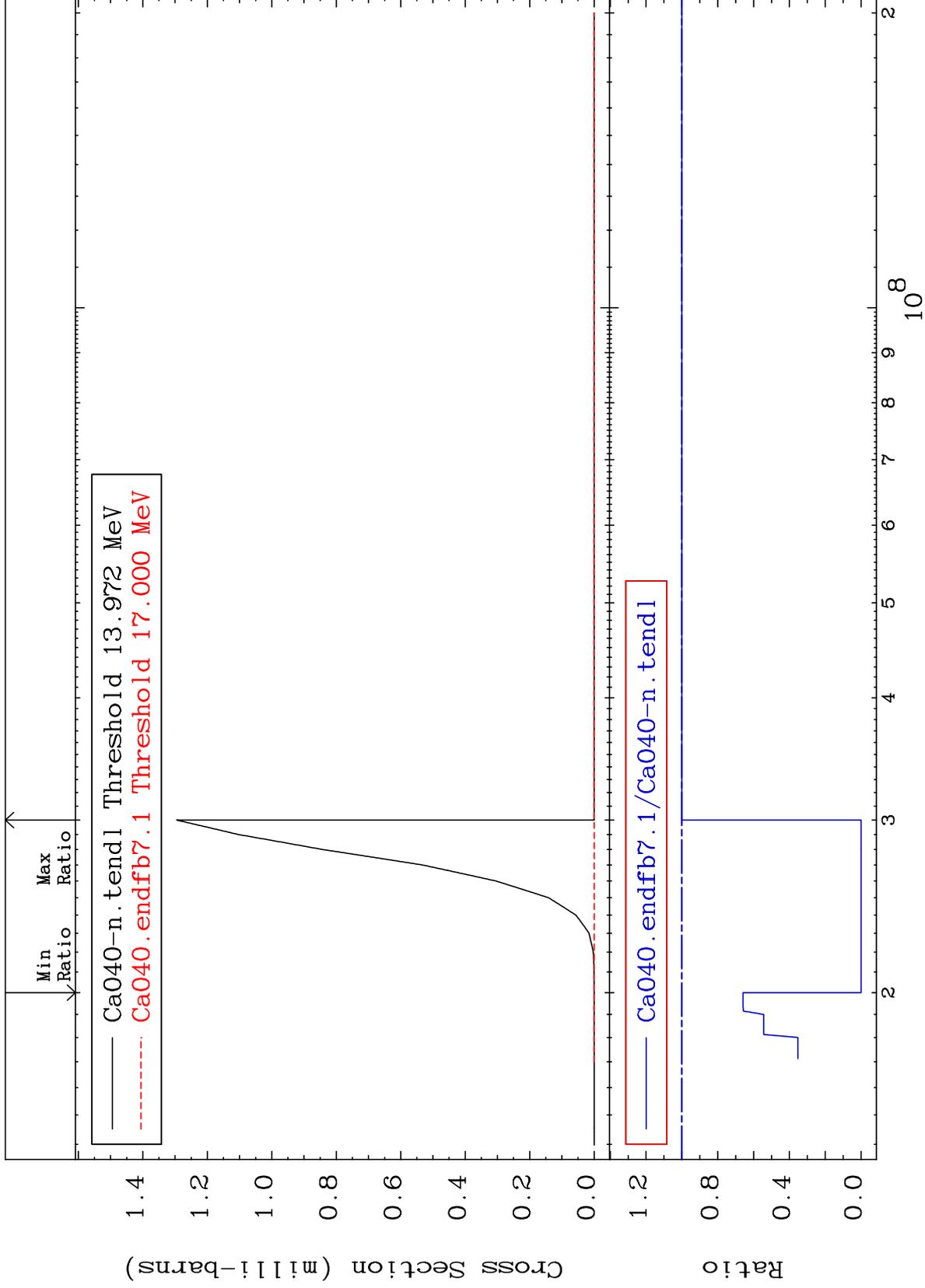
MAT 2025

(n, n') 2α

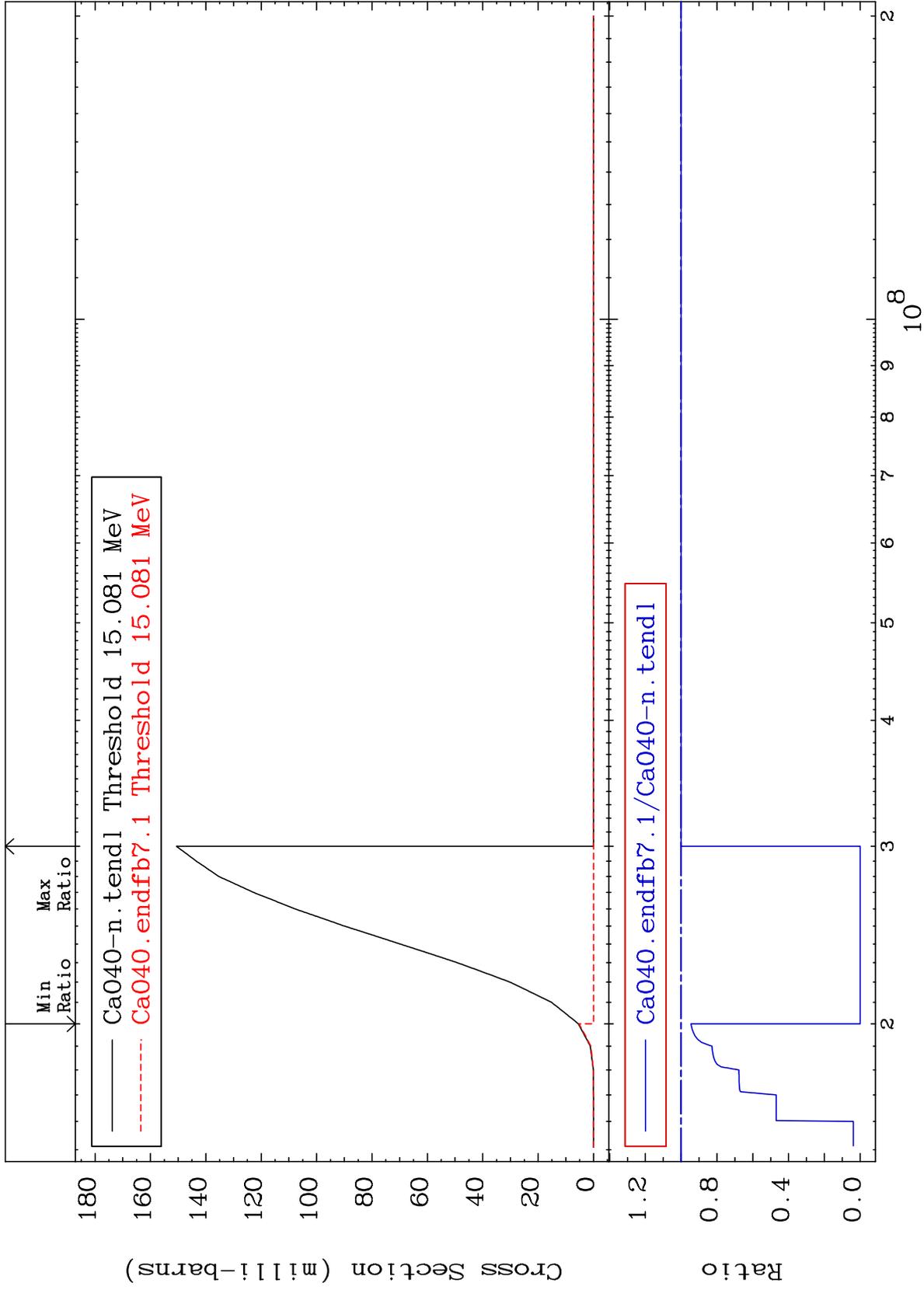
20-Ca-40

Cross Section

-100.0 To 0.000 %



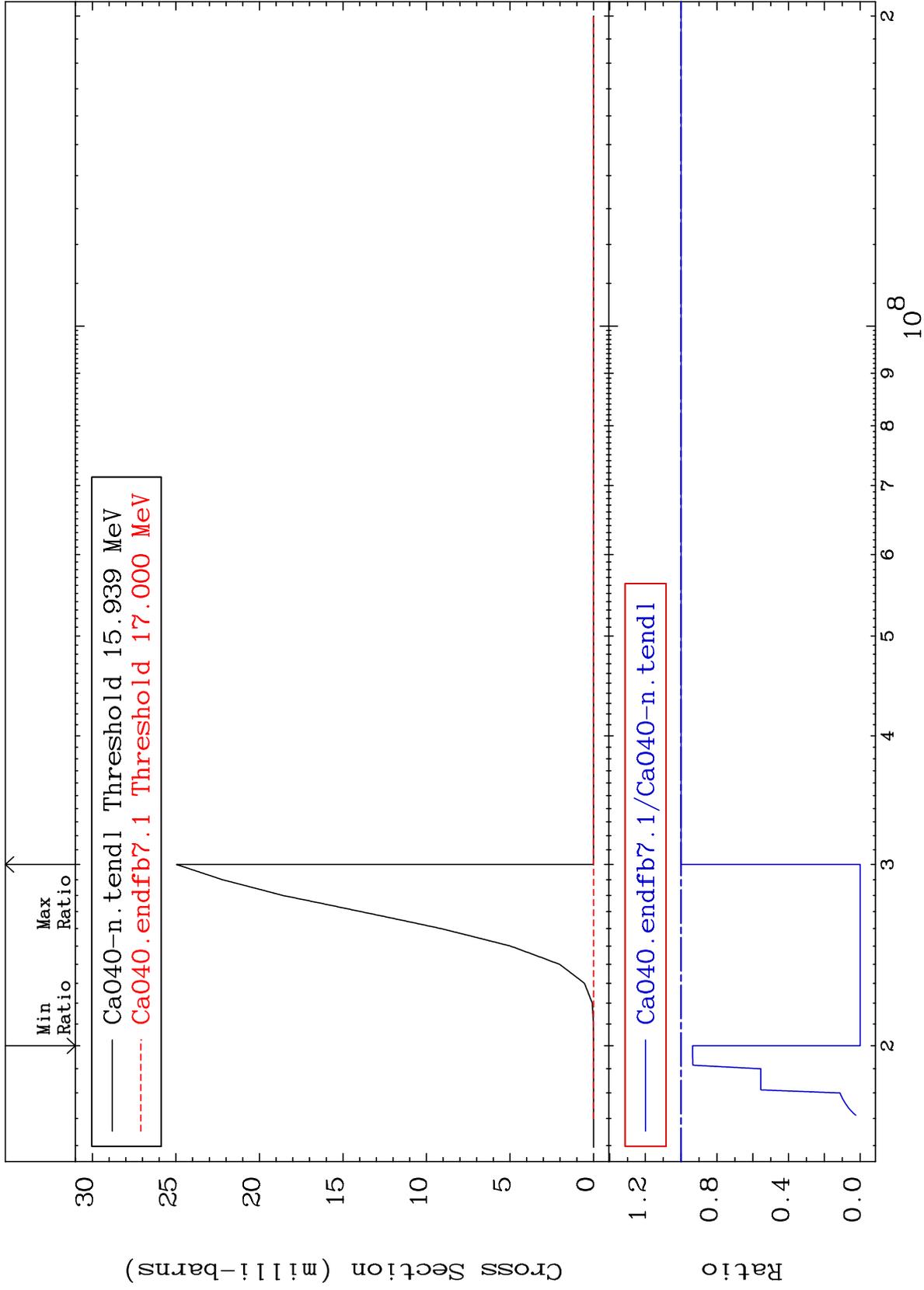
MAT 2025 (n,2n) p 20-Ca-40
 Cross Section -100.0 To 0.000 %



MAT 2025

(n,n') p α
Cross Section

20-Ca-40
-100.0 To 0.000 %



10

Incident Energy (eV)

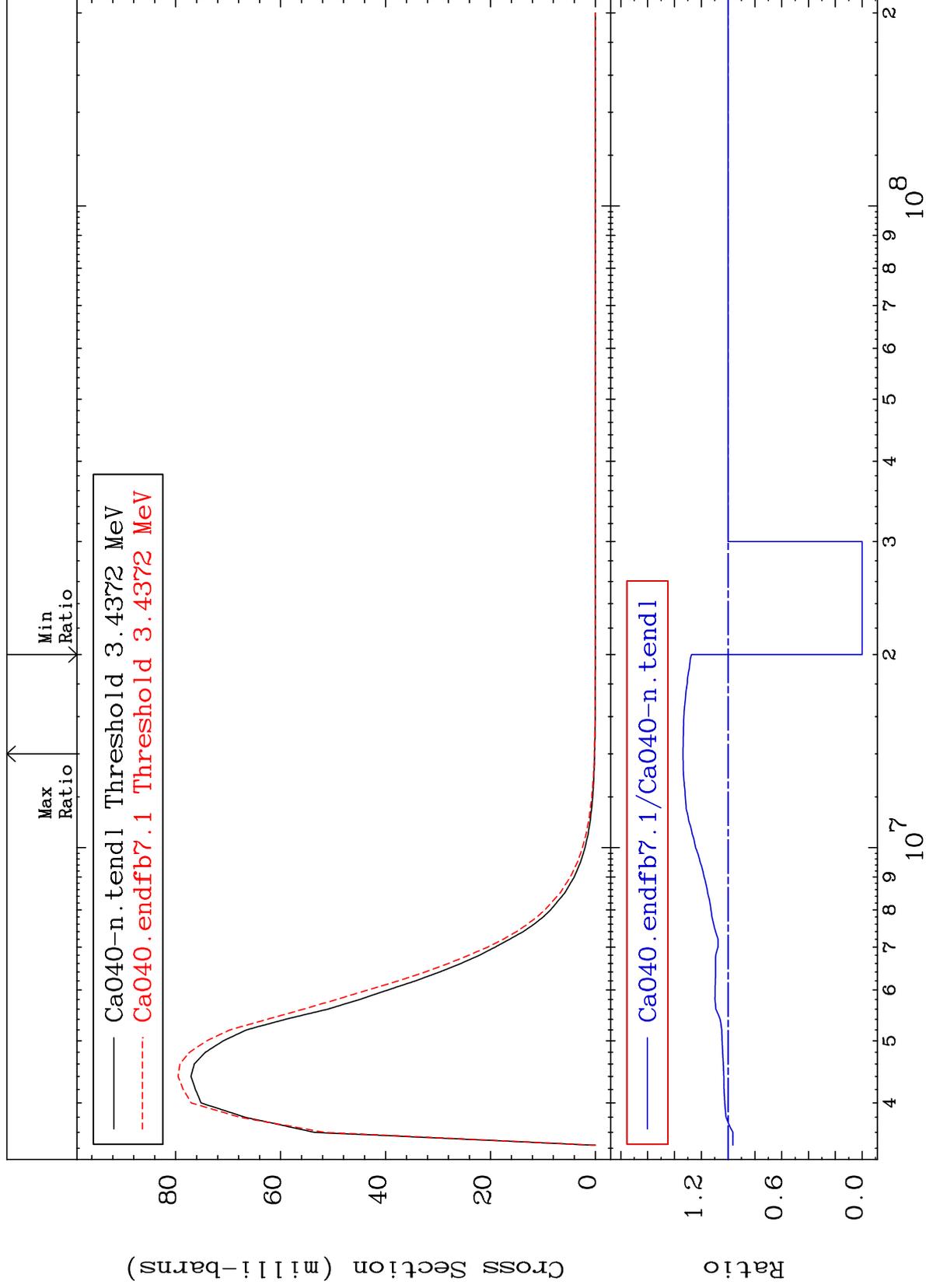
20-Ca-40

MAT 2025

3.353 MeV (n,n') Level

20-Ca-40

-100.0 To 33.59 %



11

Incident Energy (eV)

20-Ca-40

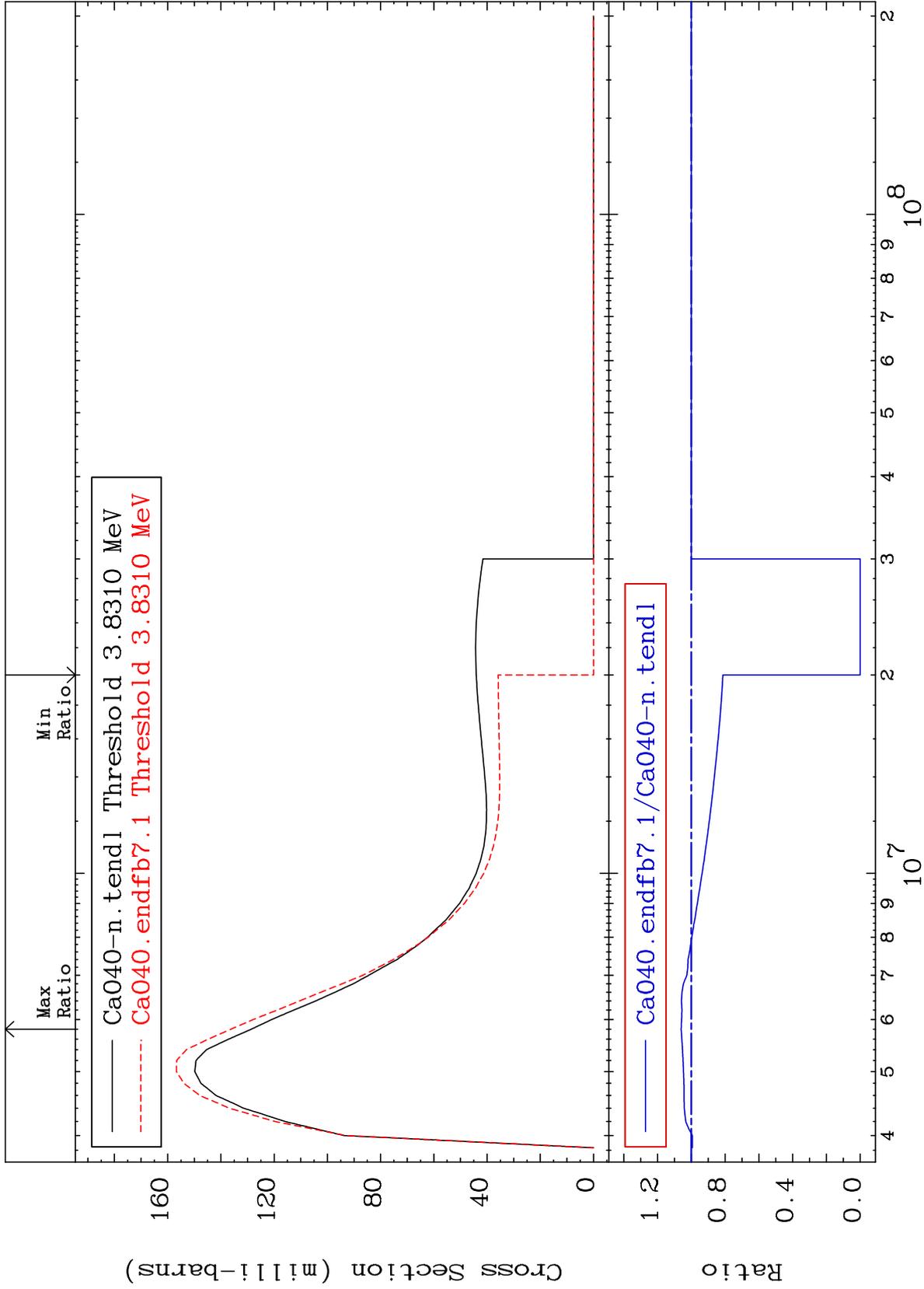
MAT 2025

3.737 MeV (n,n') Level

20-Ca-40

-100.0 To 5.977 %

Cross Section



12

Incident Energy (eV)

20-Ca-40

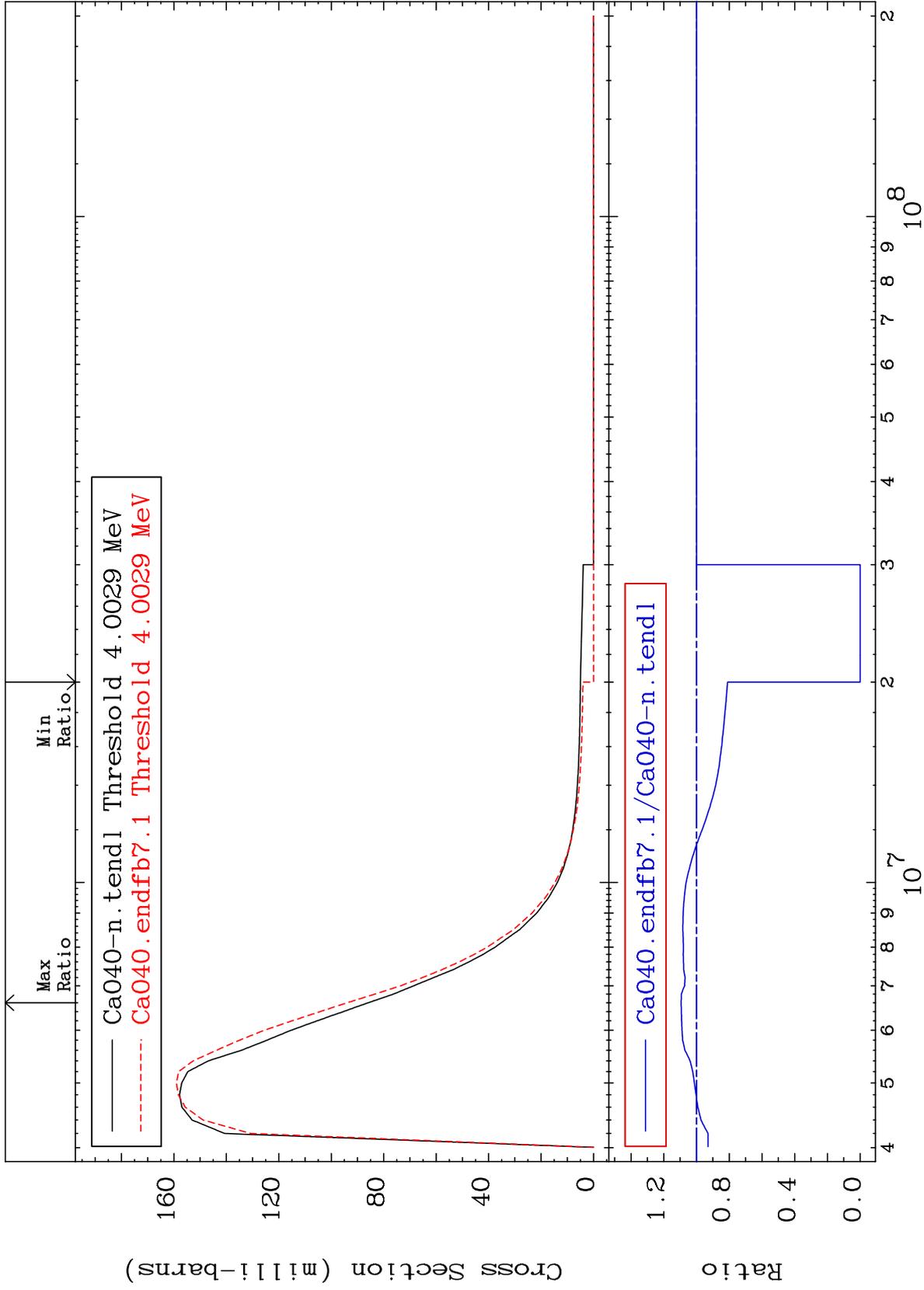
MAT 2025

3.904 MeV (n,n') Level

20-Ca-40

-100.0 To 9.358 %

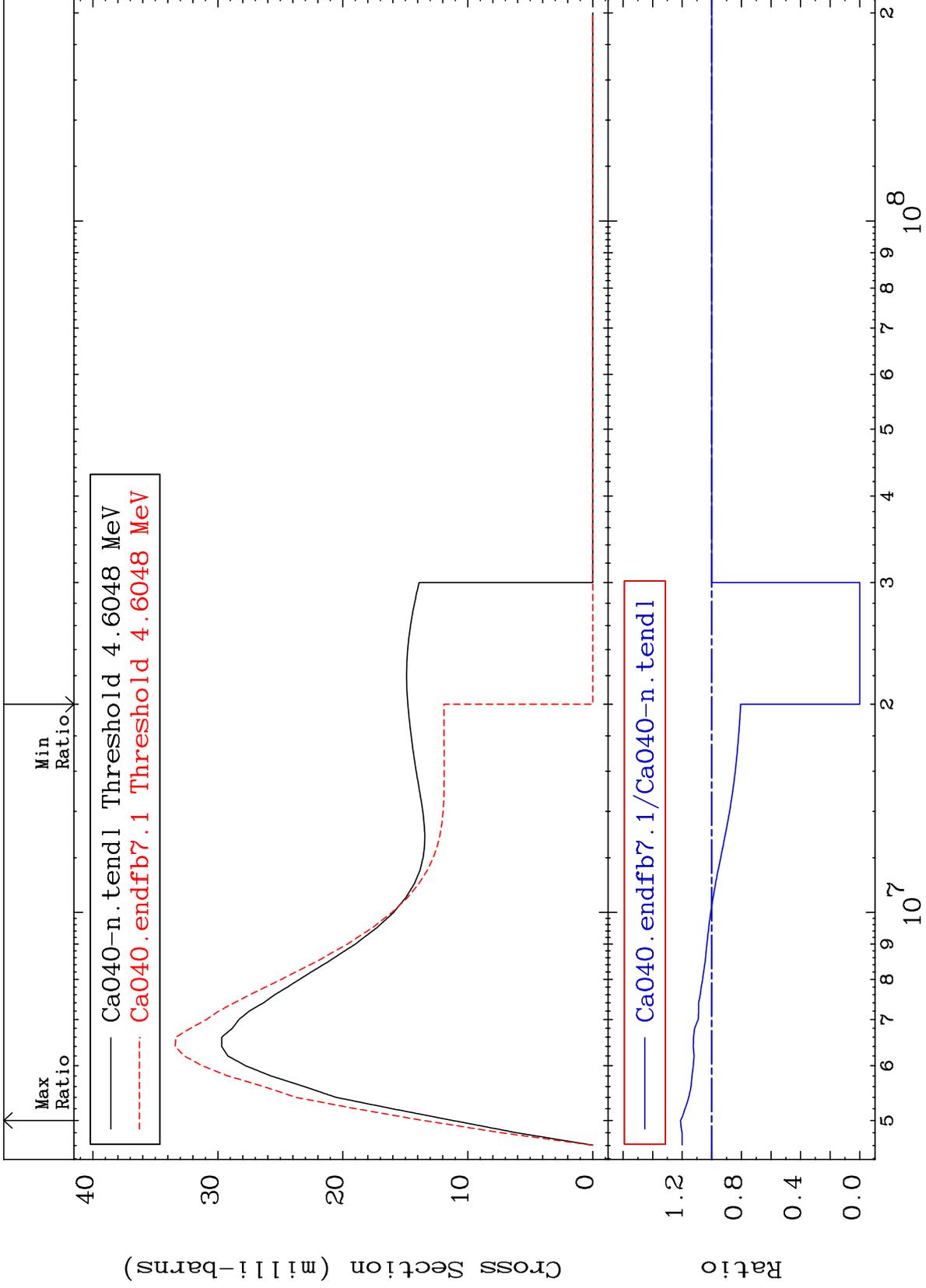
Cross Section



MAT 2025

4.491 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 21.15 %



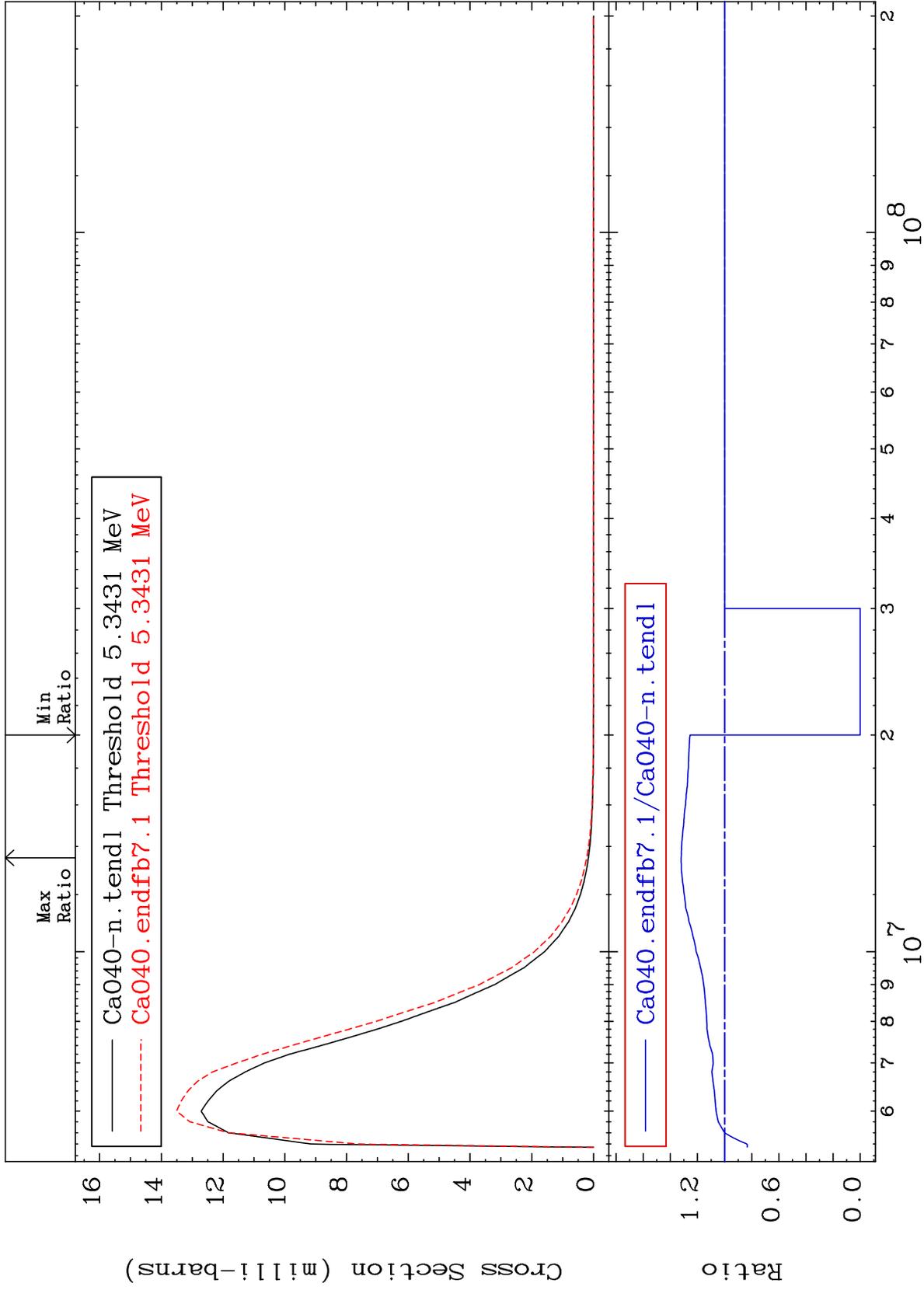
MAT 2025

5.212 MeV (n,n') Level

20-Ca-40

-100.0 To 32.03 %

Cross Section



15

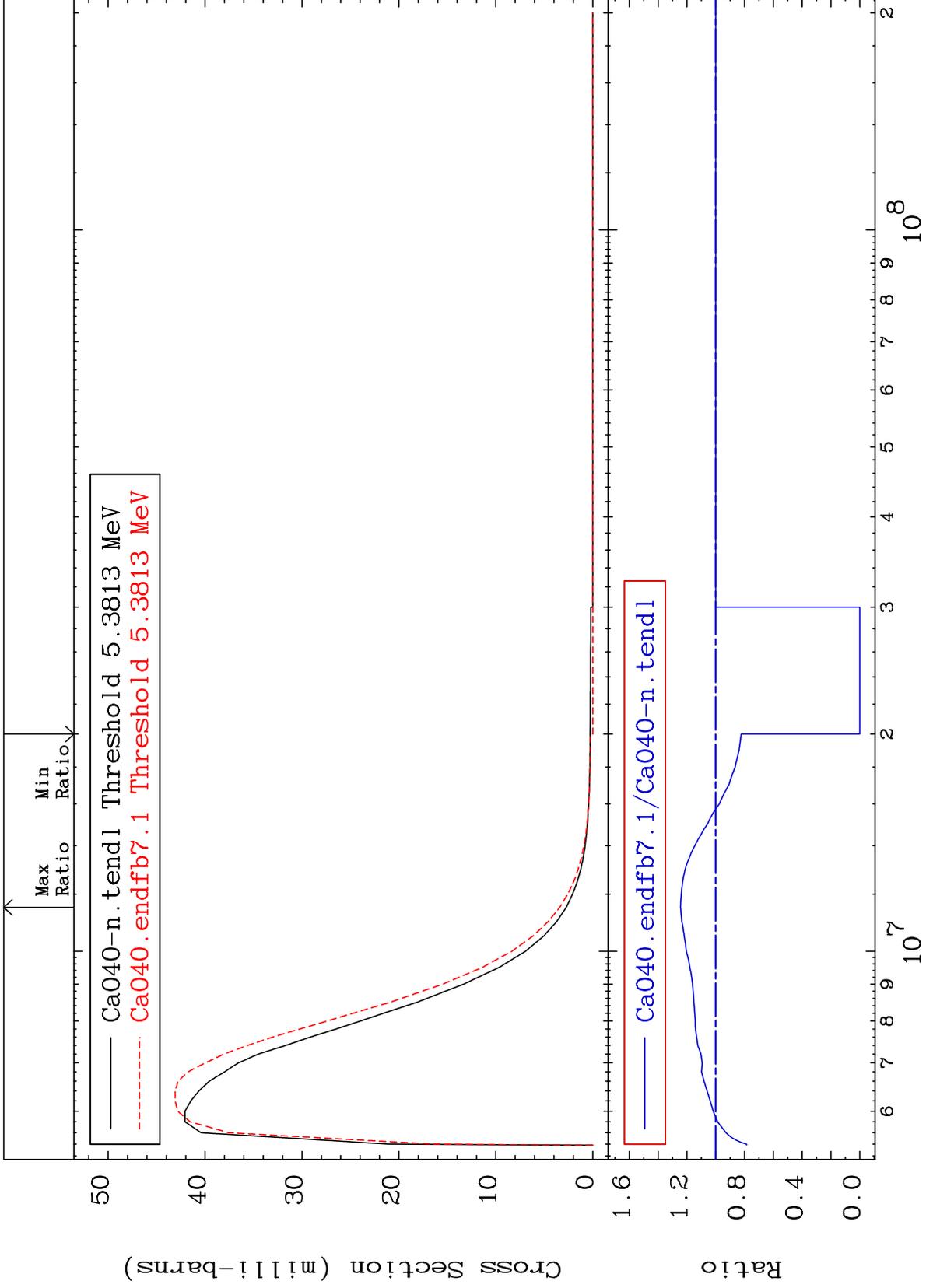
Incident Energy (eV)

20-Ca-40

MAT 2025

5.249 MeV (n,n') Level
Cross Section

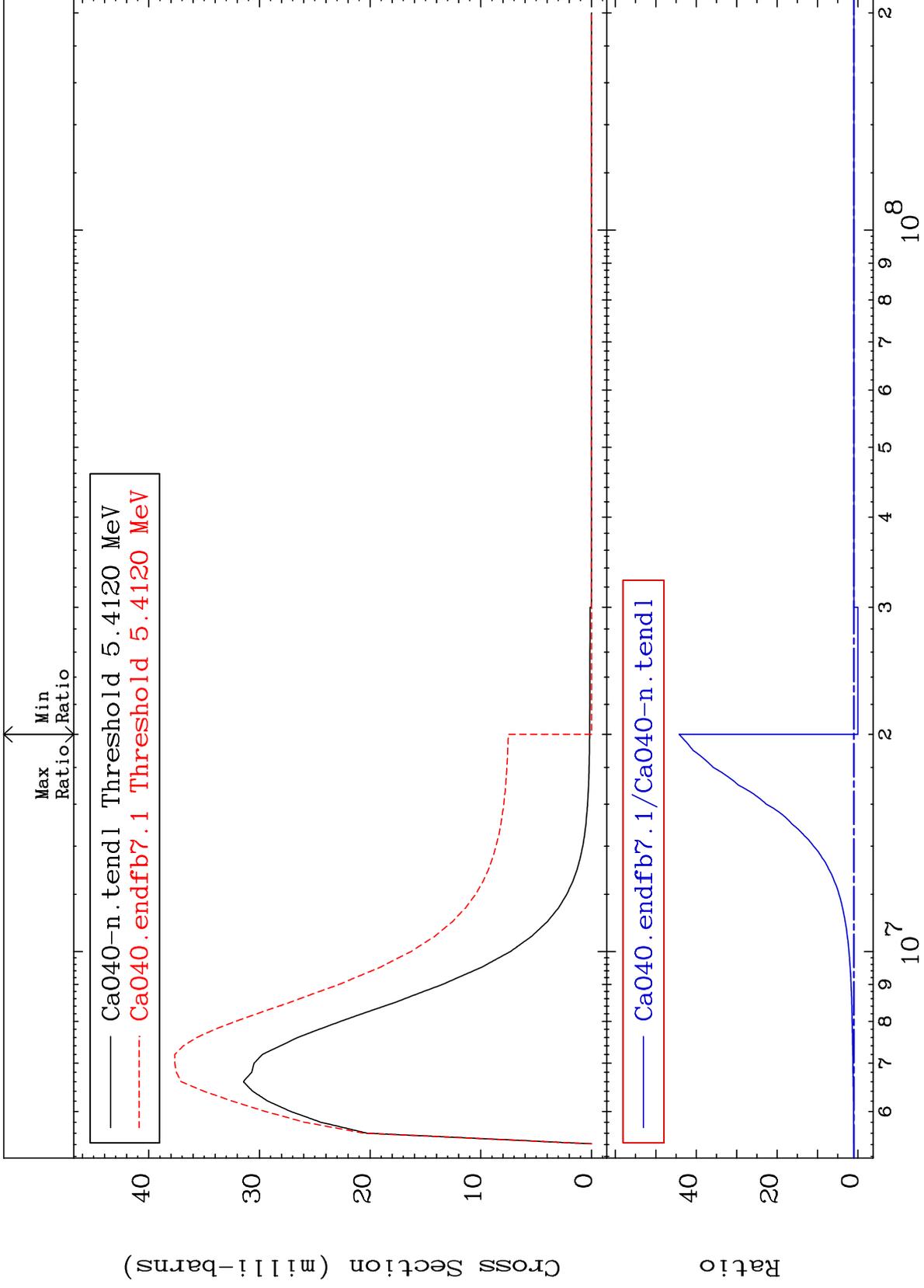
20-Ca-40
-100.0 To 24.47 %



MAT 2025

5.279 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 4325. %

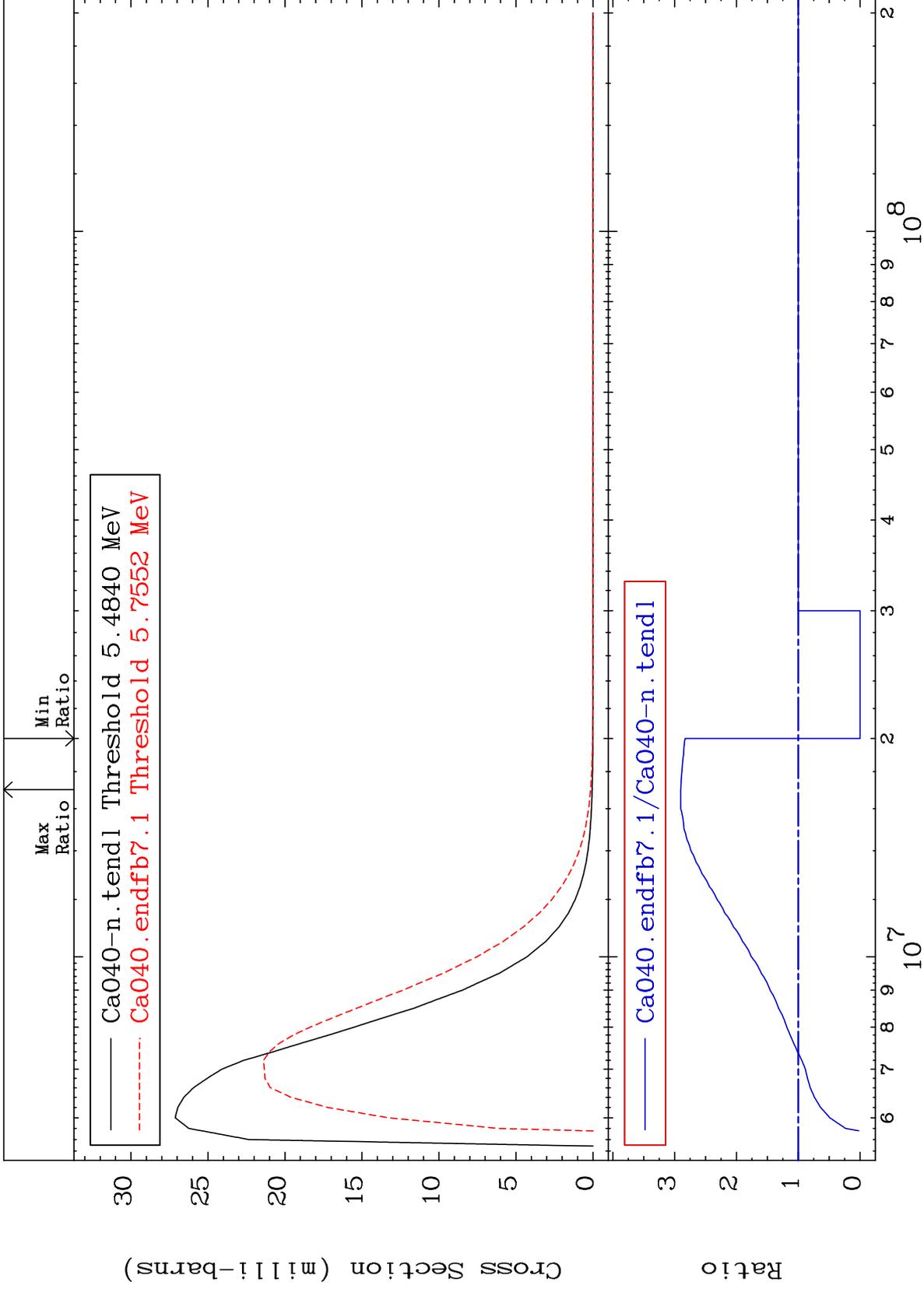


17

MAT 2025

5.349 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 190.1 %



18

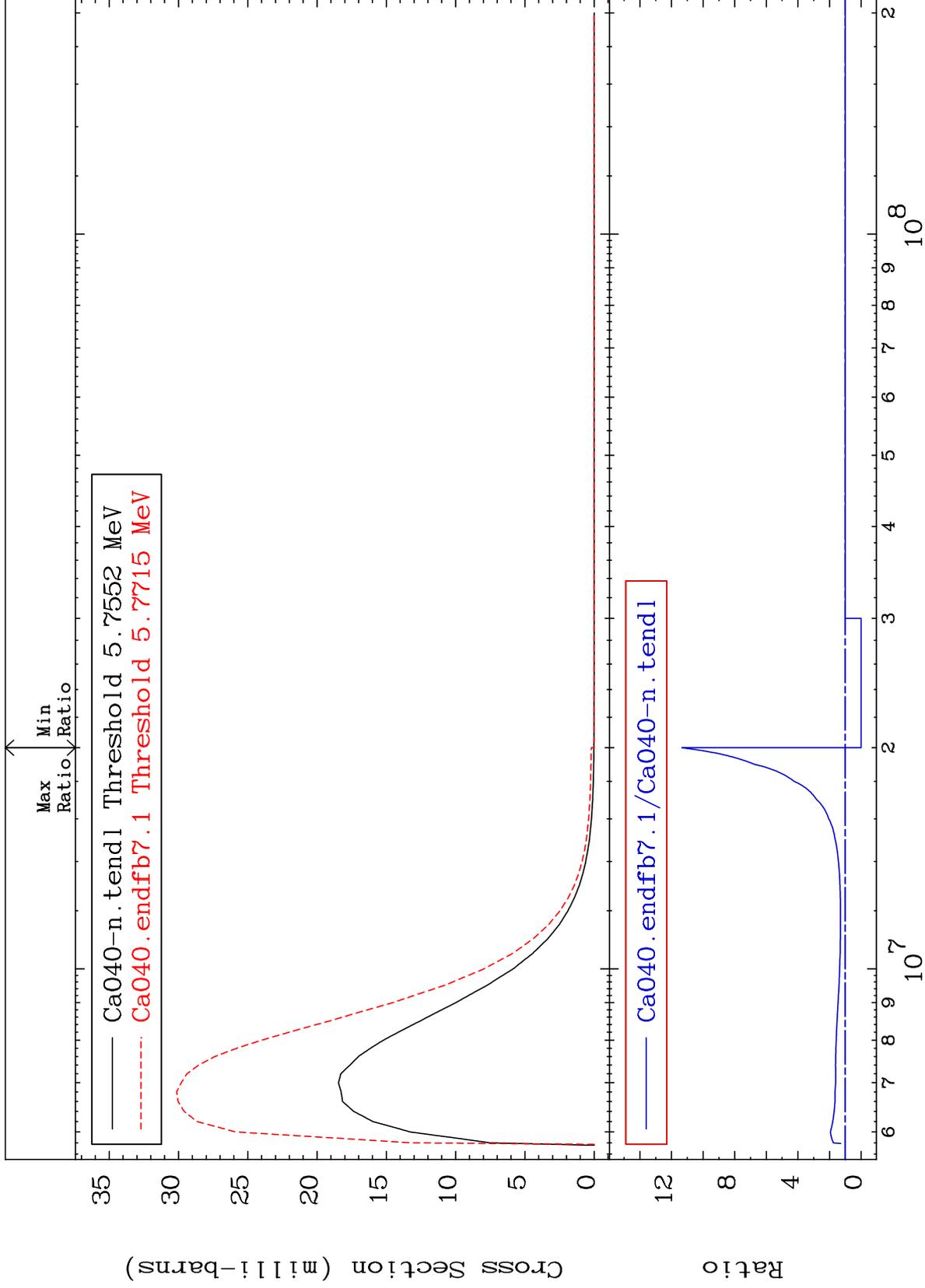
Incident Energy (eV)

20-Ca-40

MAT 2025

5.614 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 1034. %



19

Incident Energy (eV)

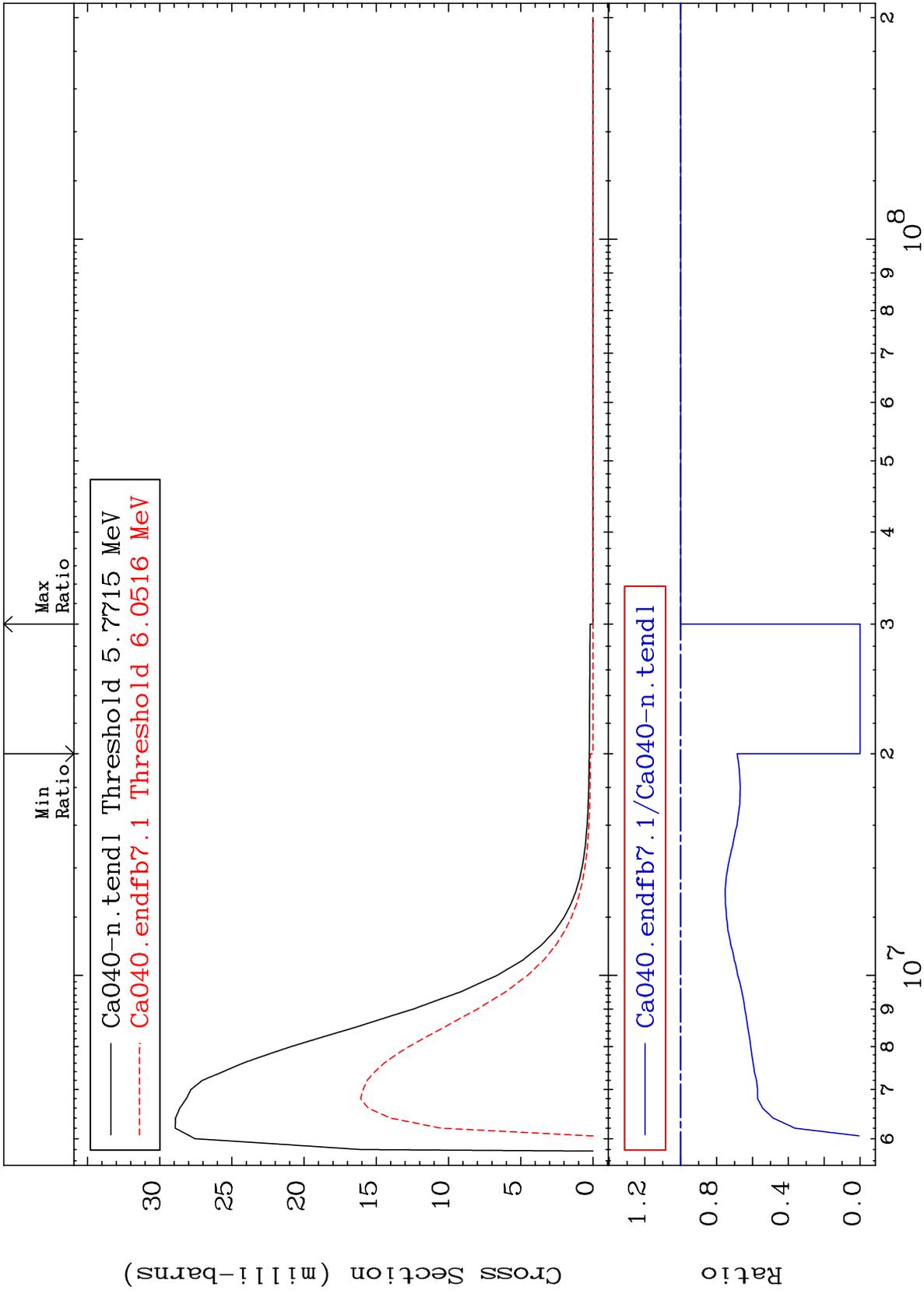
20-Ca-40

MAT 2025

5.629 MeV (n,n') Level

20-Ca-40

-100.0 To 0.000 %



20

Incident Energy (eV)

20-Ca-40

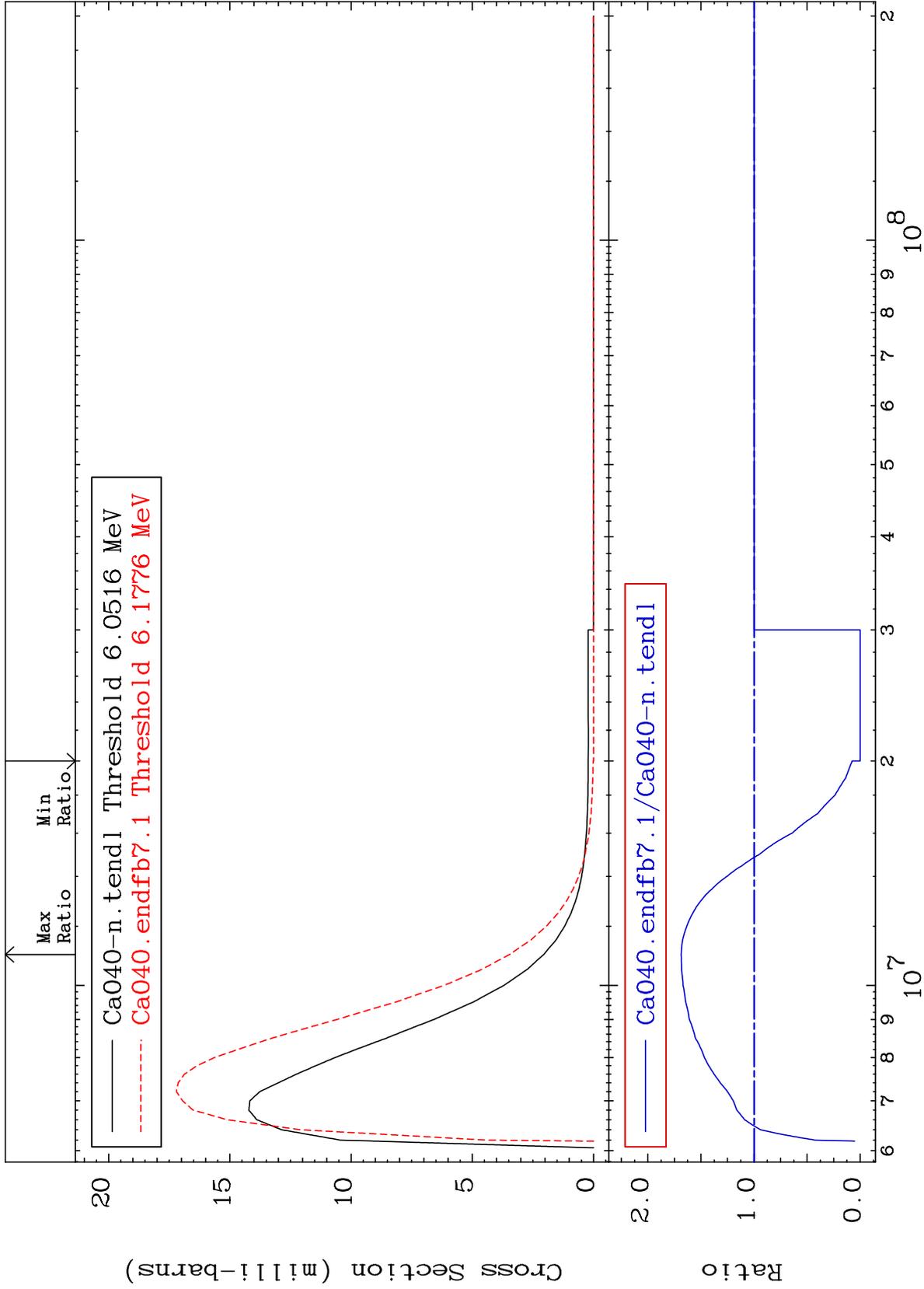
MAT 2025

5.903 MeV (n,n') Level

20-Ca-40

-100.0 To 68.61 %

Cross Section



21

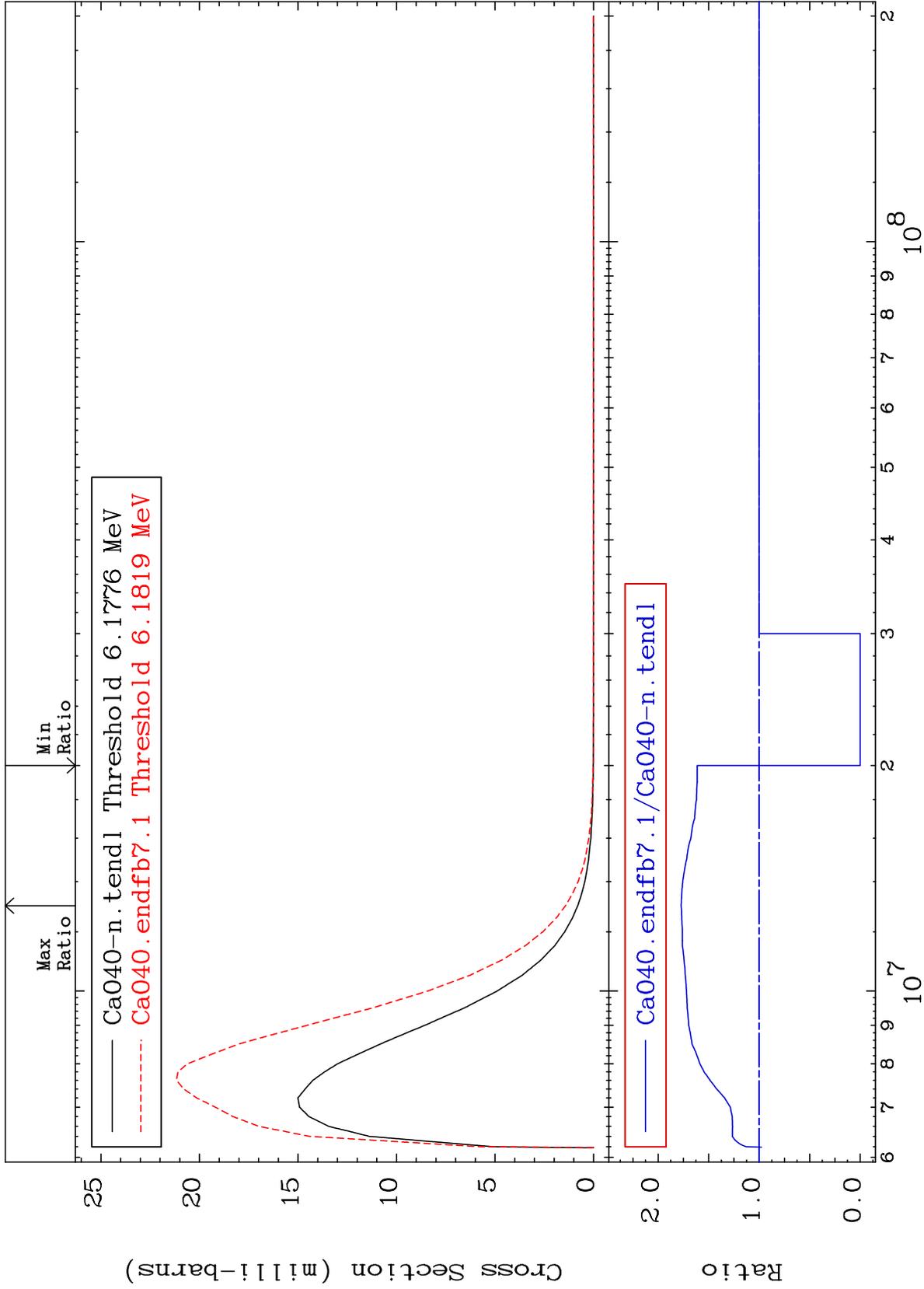
MAT 2025

6.025 MeV (n,n') Level

20-Ca-40

-100.0 To 77.20 %

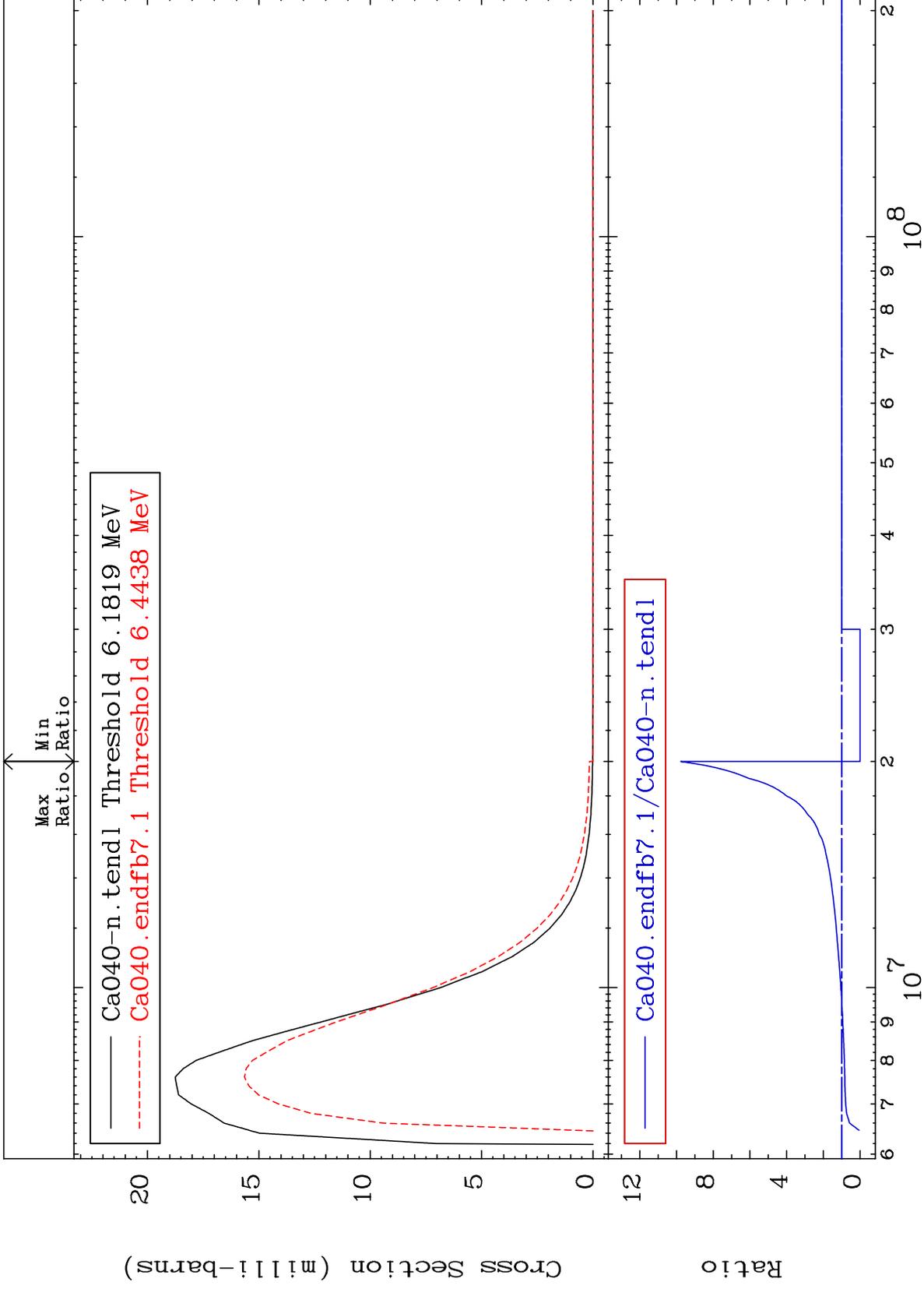
Cross Section



MAT 2025

6.030 MeV (n,n') Level
Cross Section

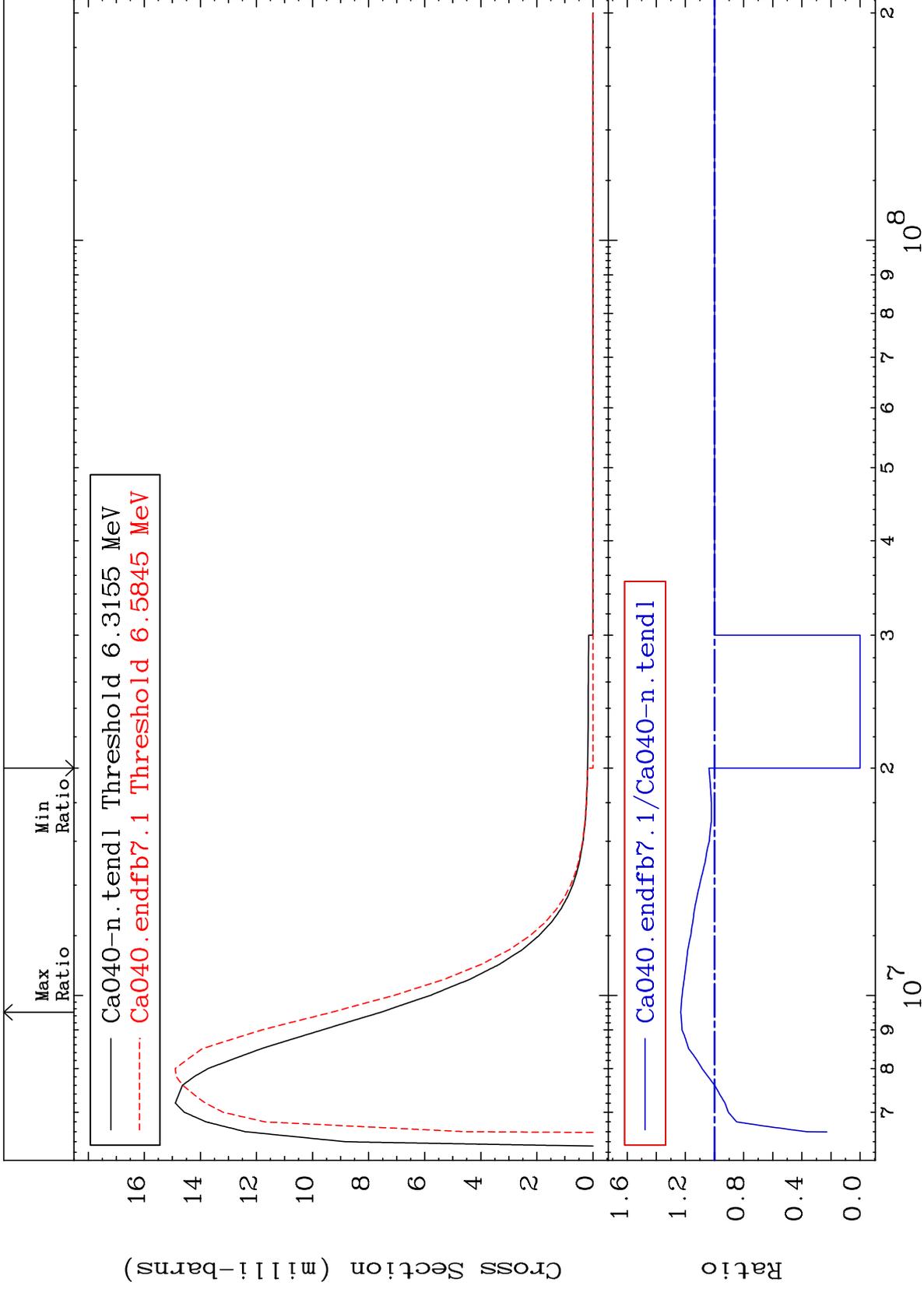
20-Ca-40
-100.0 To 876.8 %



23

Incident Energy (eV)

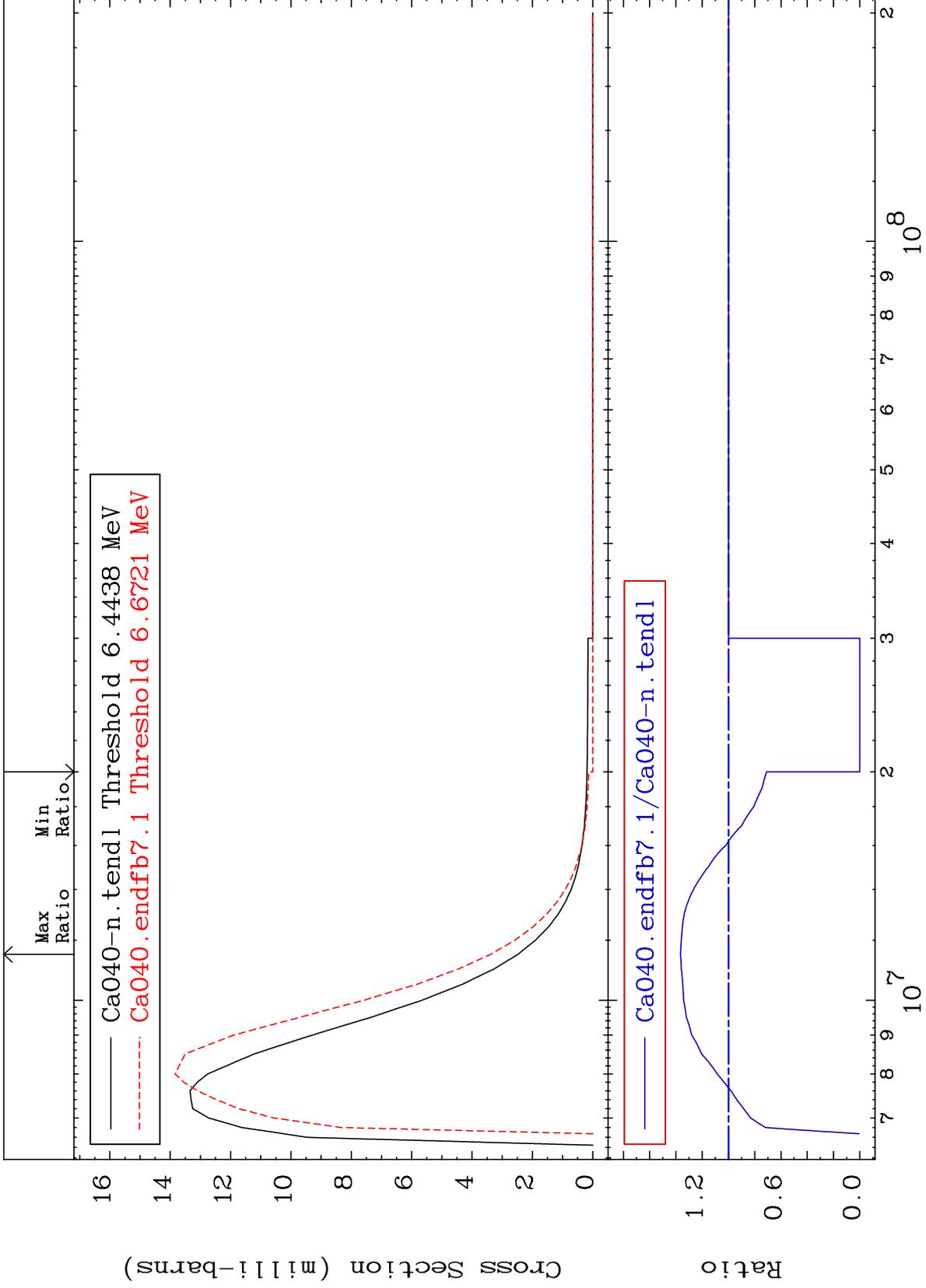
20-Ca-40



MAT 2025

6.285 MeV (n,n') Level
Cross Section

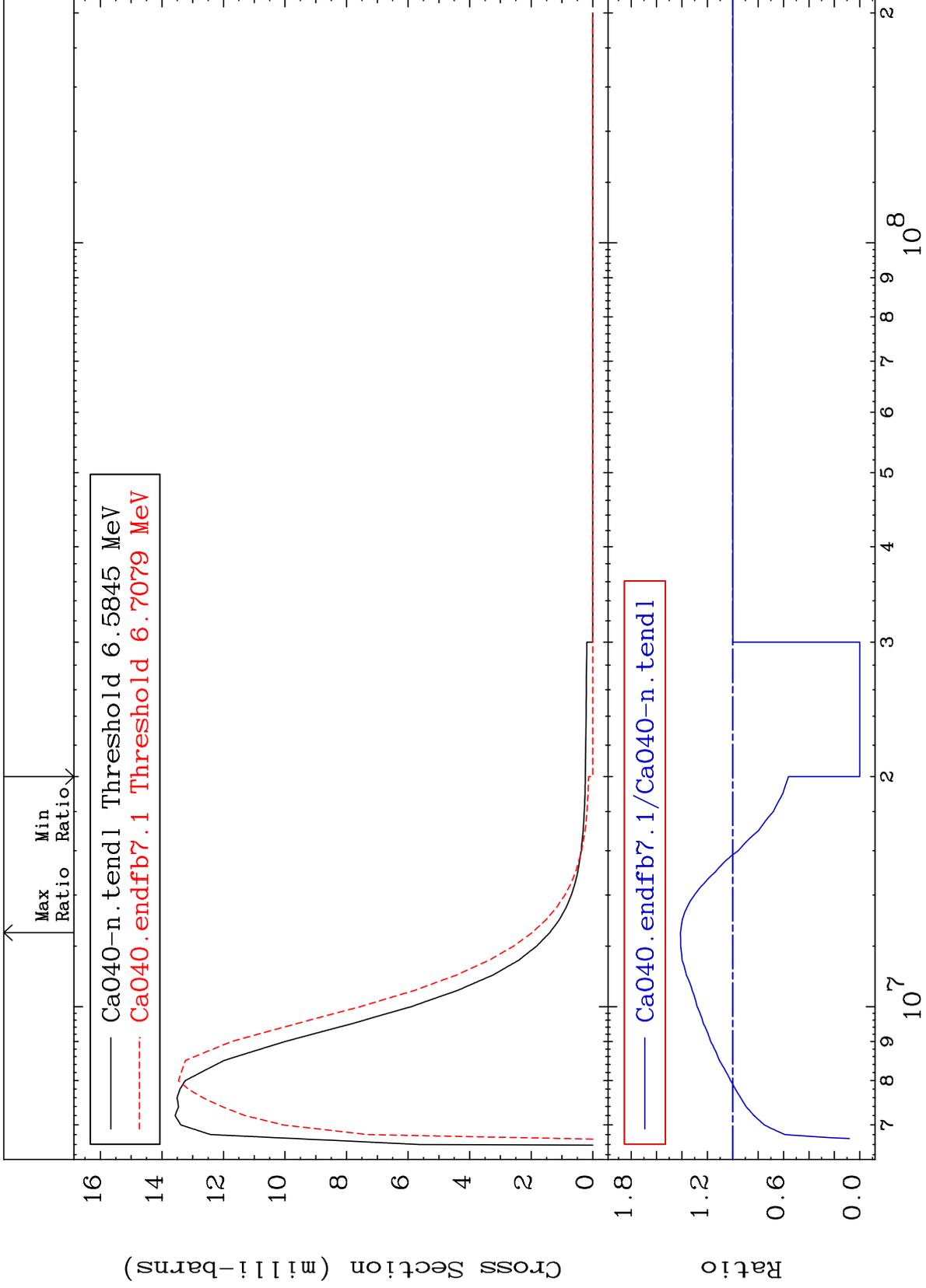
20-Ca-40
-100.0 To 36.51 %

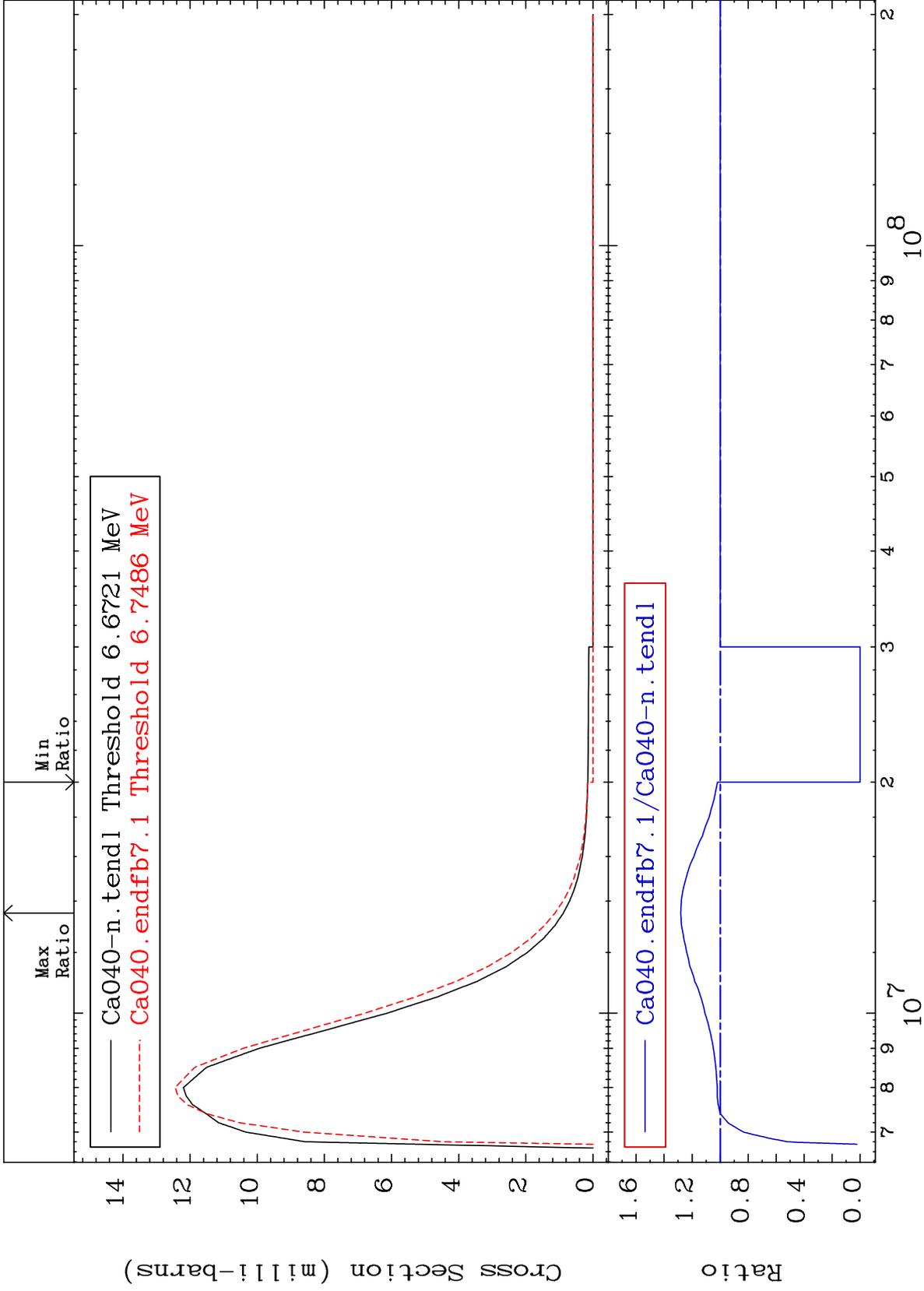


25

Incident Energy (eV)

20-Ca-40



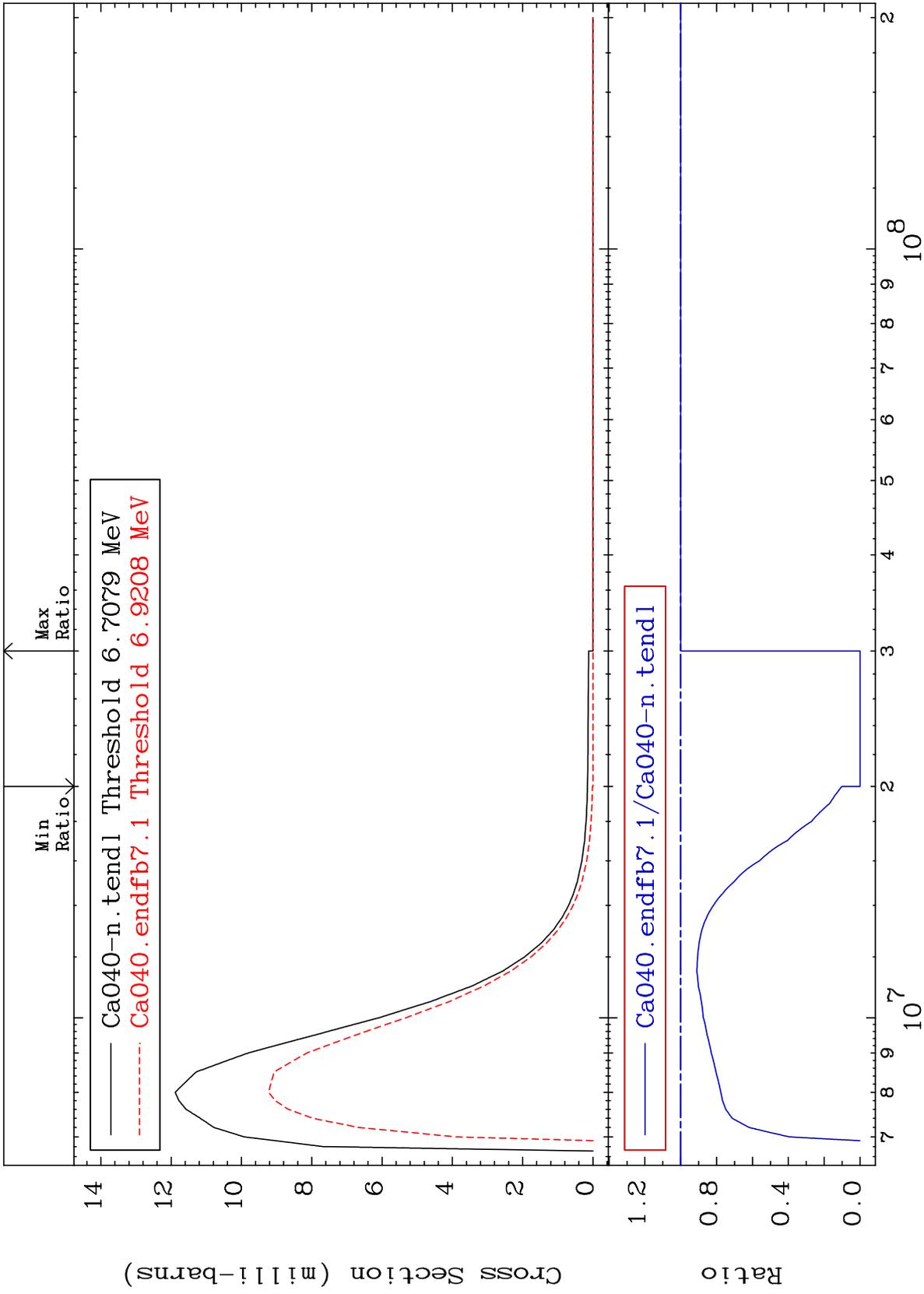


MAT 2025

6.543 MeV (n,n') Level

20-Ca-40

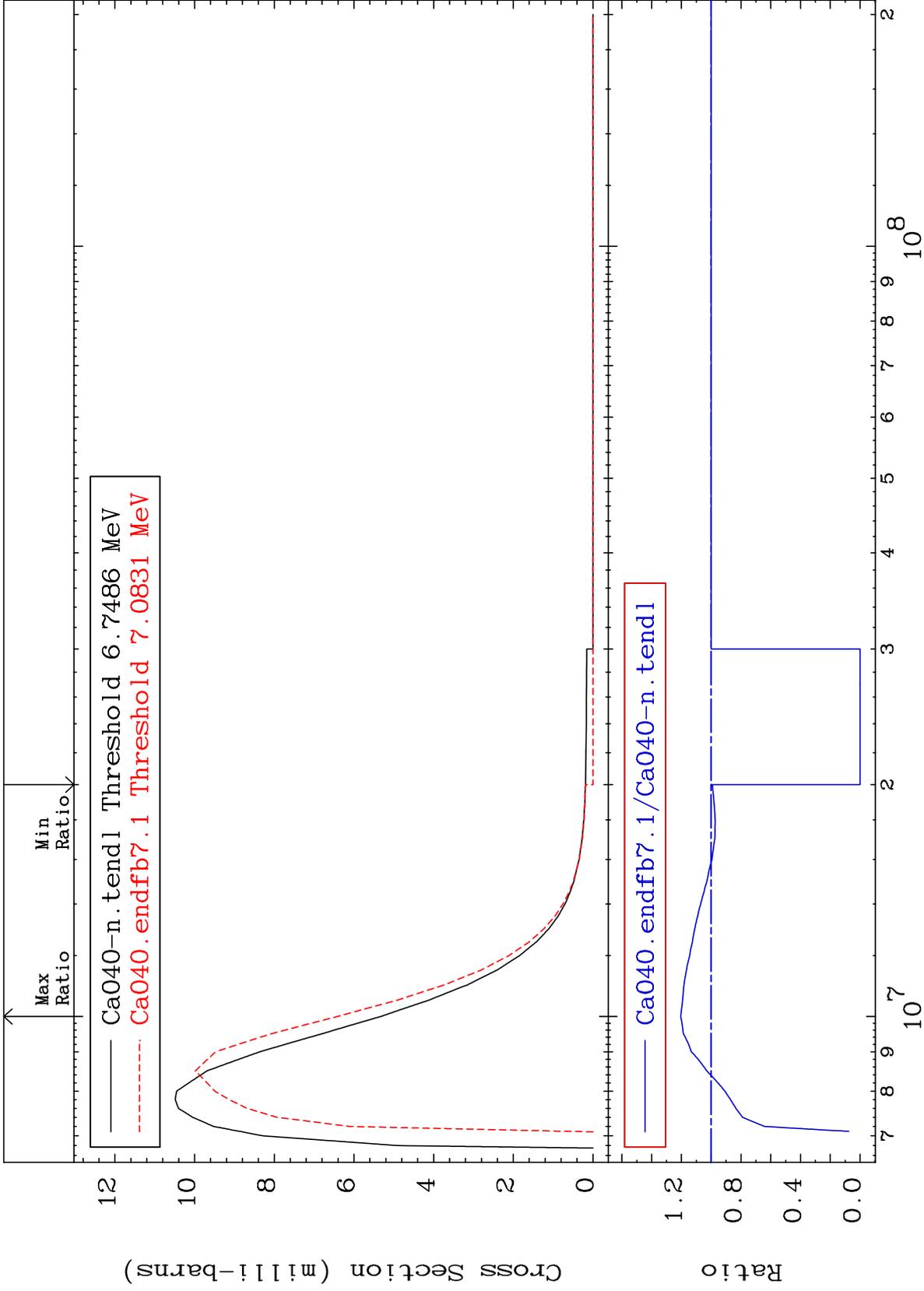
-100.0 To 0.000 %



MAT 2025

6.582 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 20.46 %

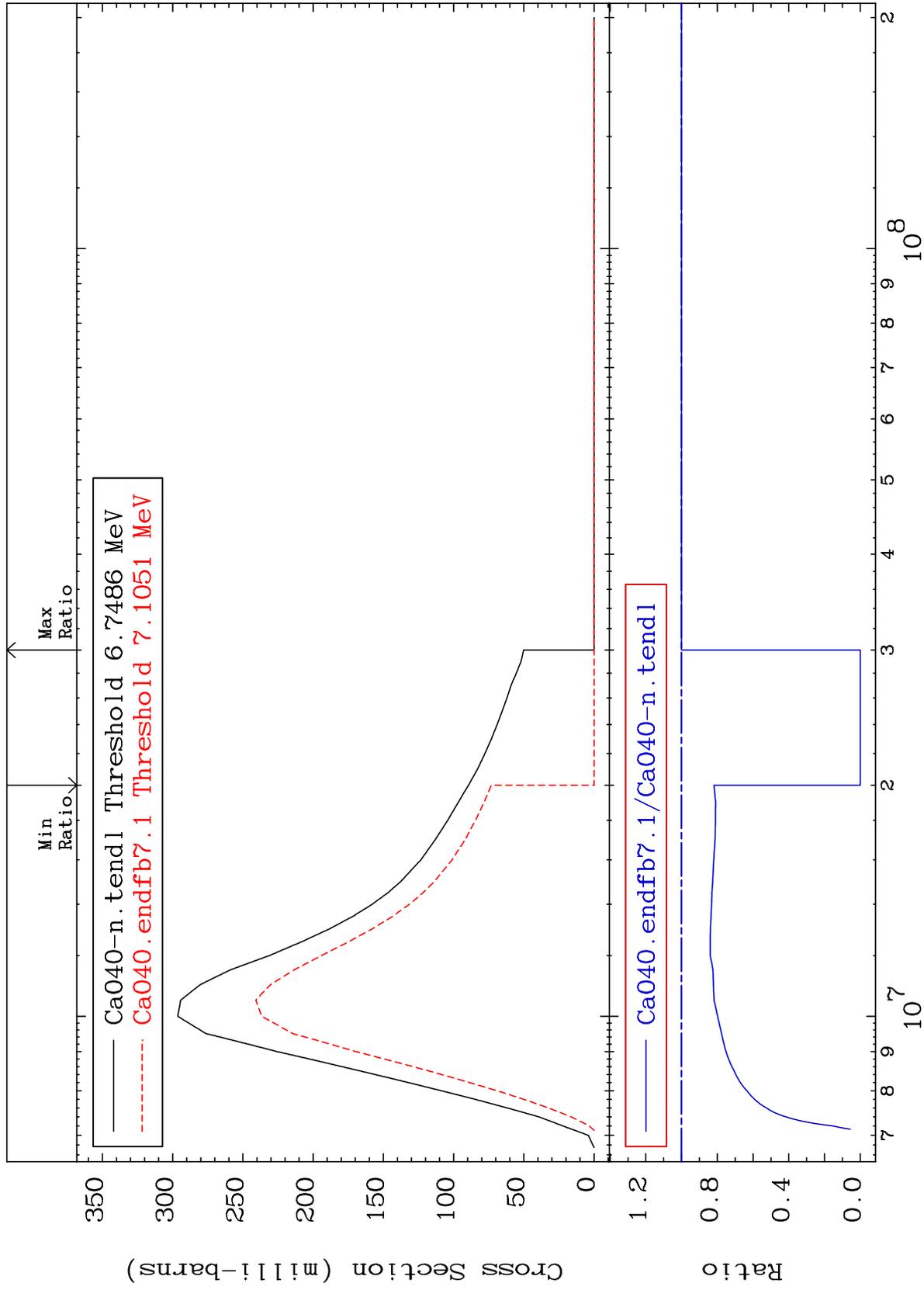


MAT 2025

(n, n') Continuum
Cross Section

20-Ca-40

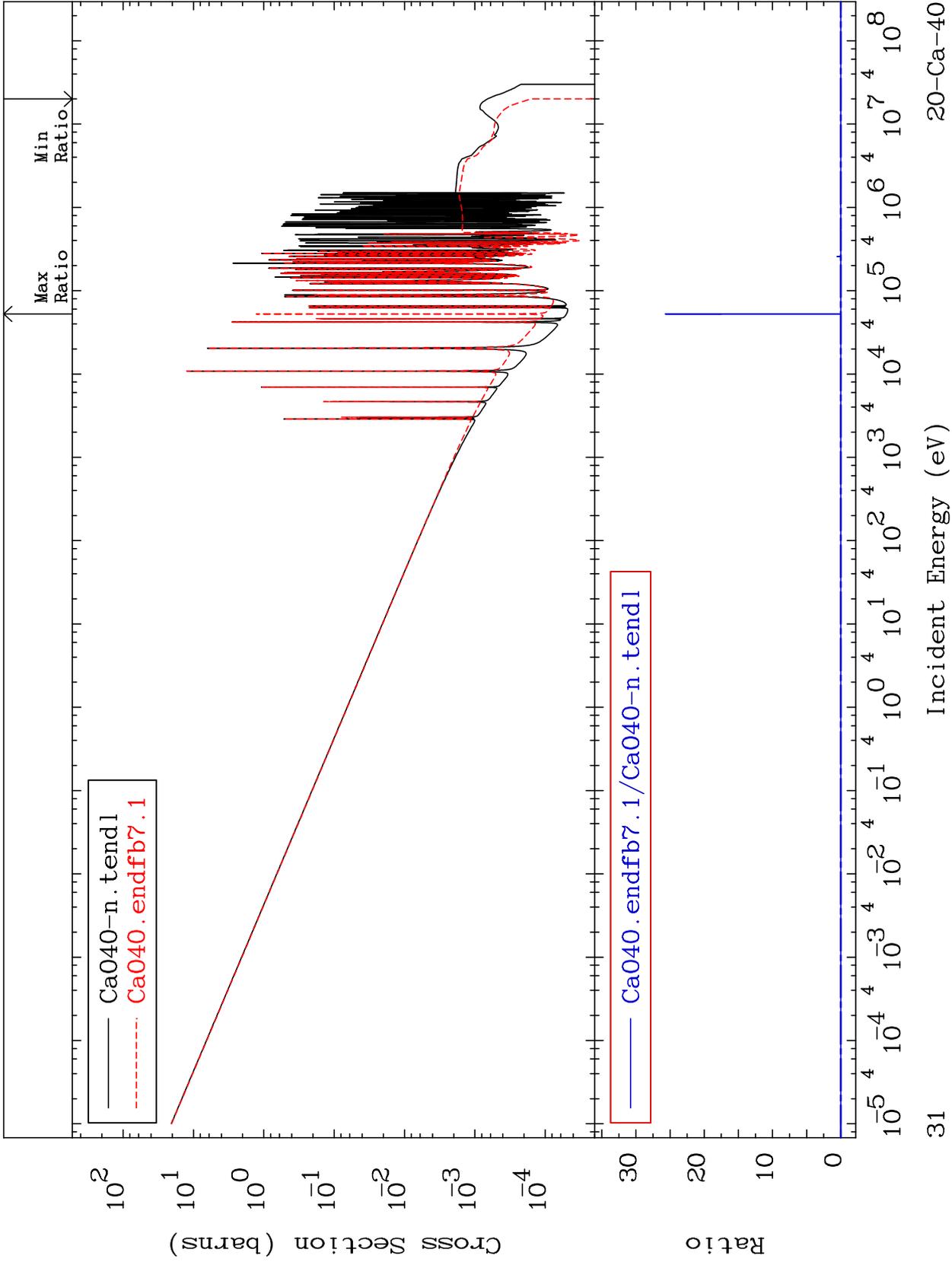
-100.0 To 0.000 %



30

Incident Energy (eV)

20-Ca-40

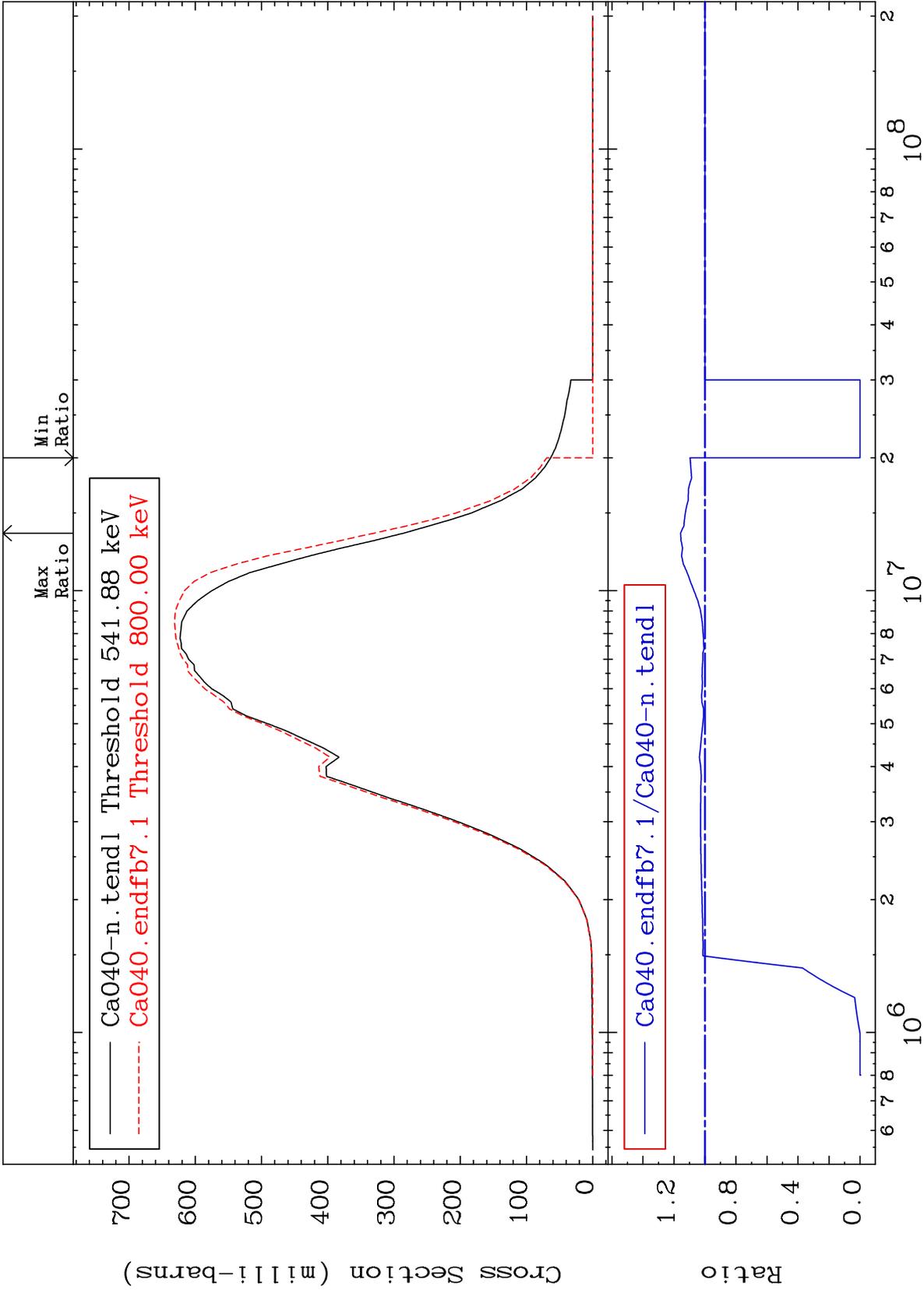


MAT 2025

20-Ca-40

-100.0 To 15.75 %

(n,p)
Cross Section



32

Incident Energy (eV)

20-Ca-40

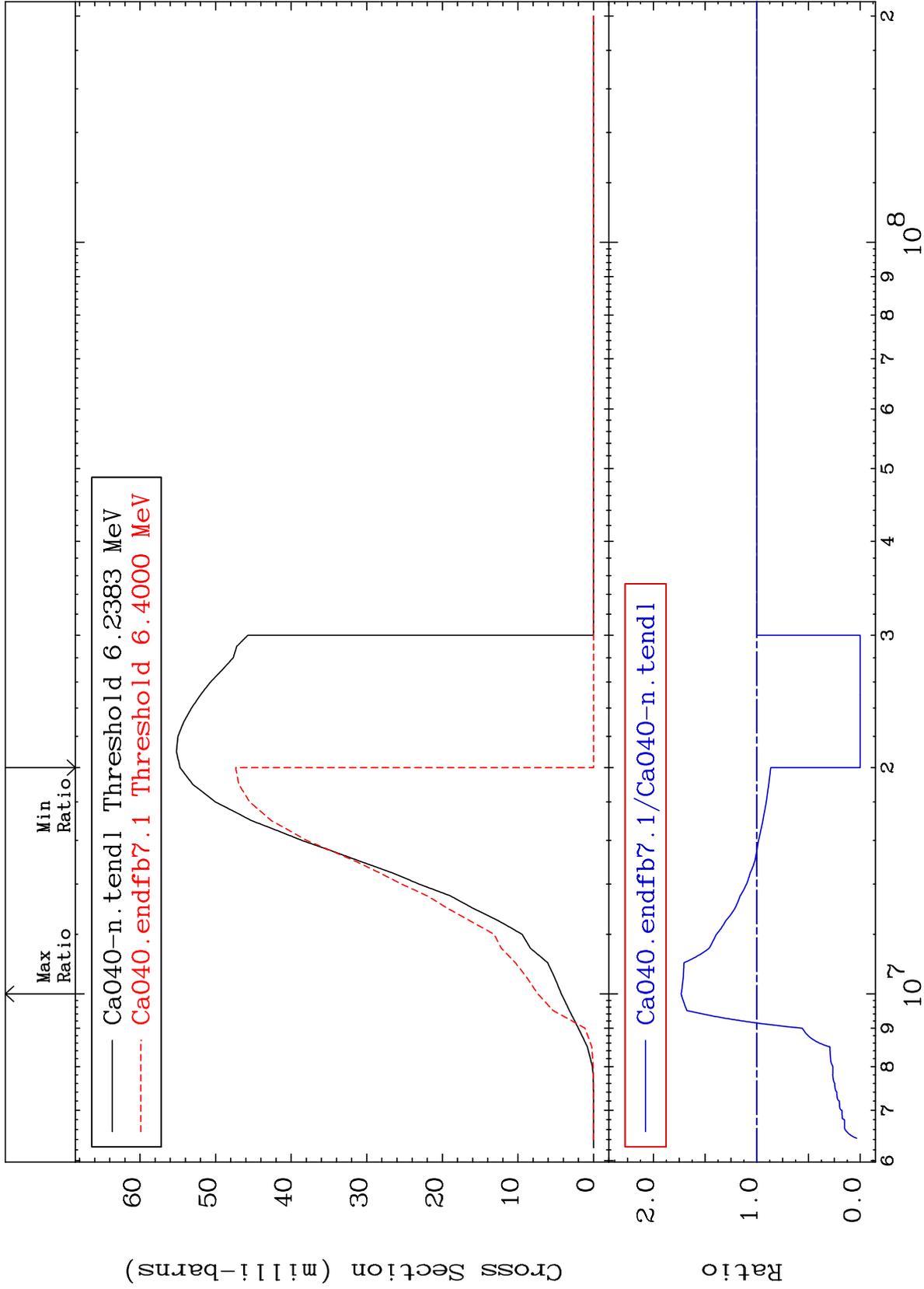
MAT 2025

(n, d)

20-Ca-40

Cross Section

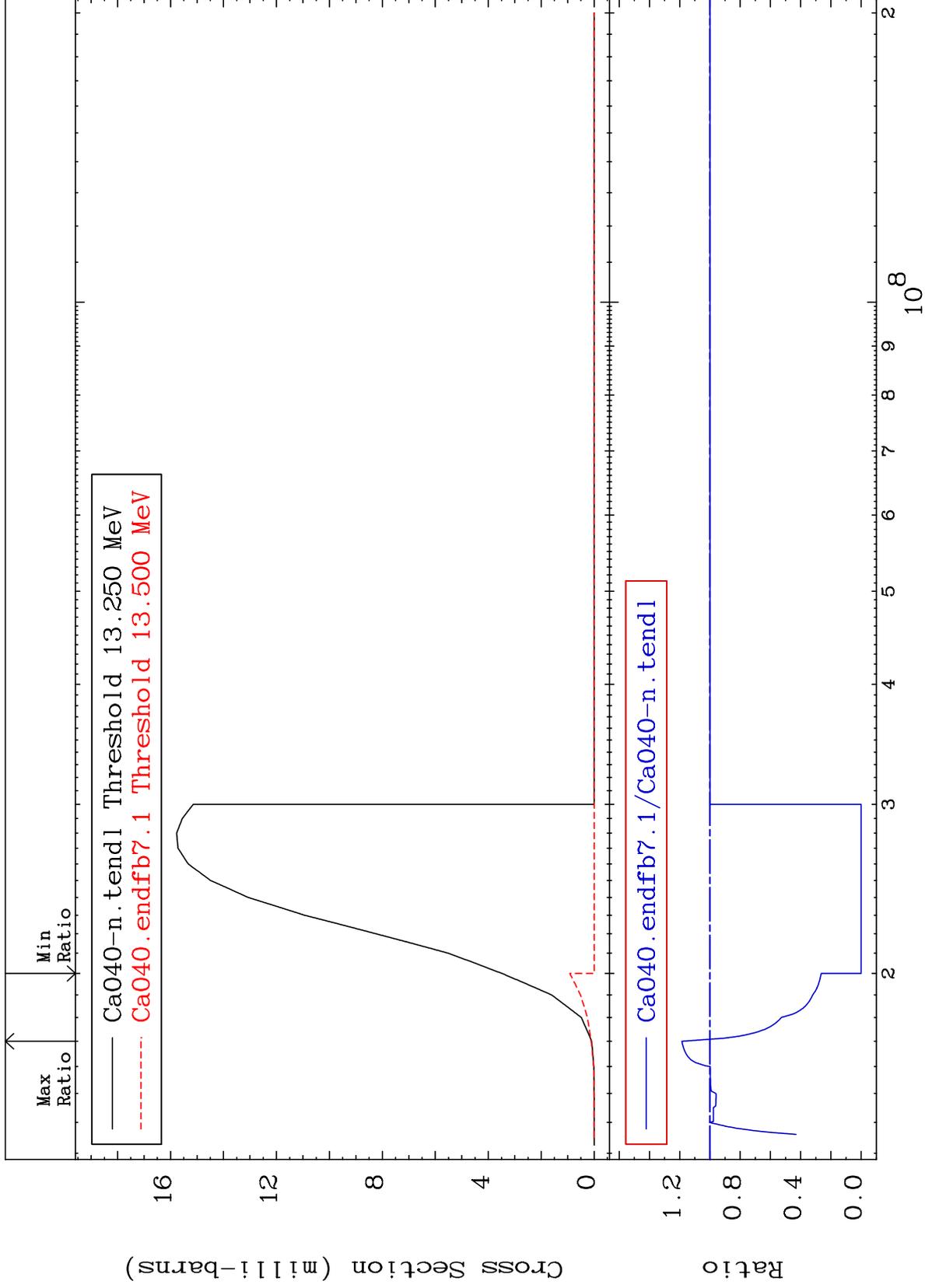
-100.0 To 73.19 %



33

Incident Energy (eV)

20-Ca-40



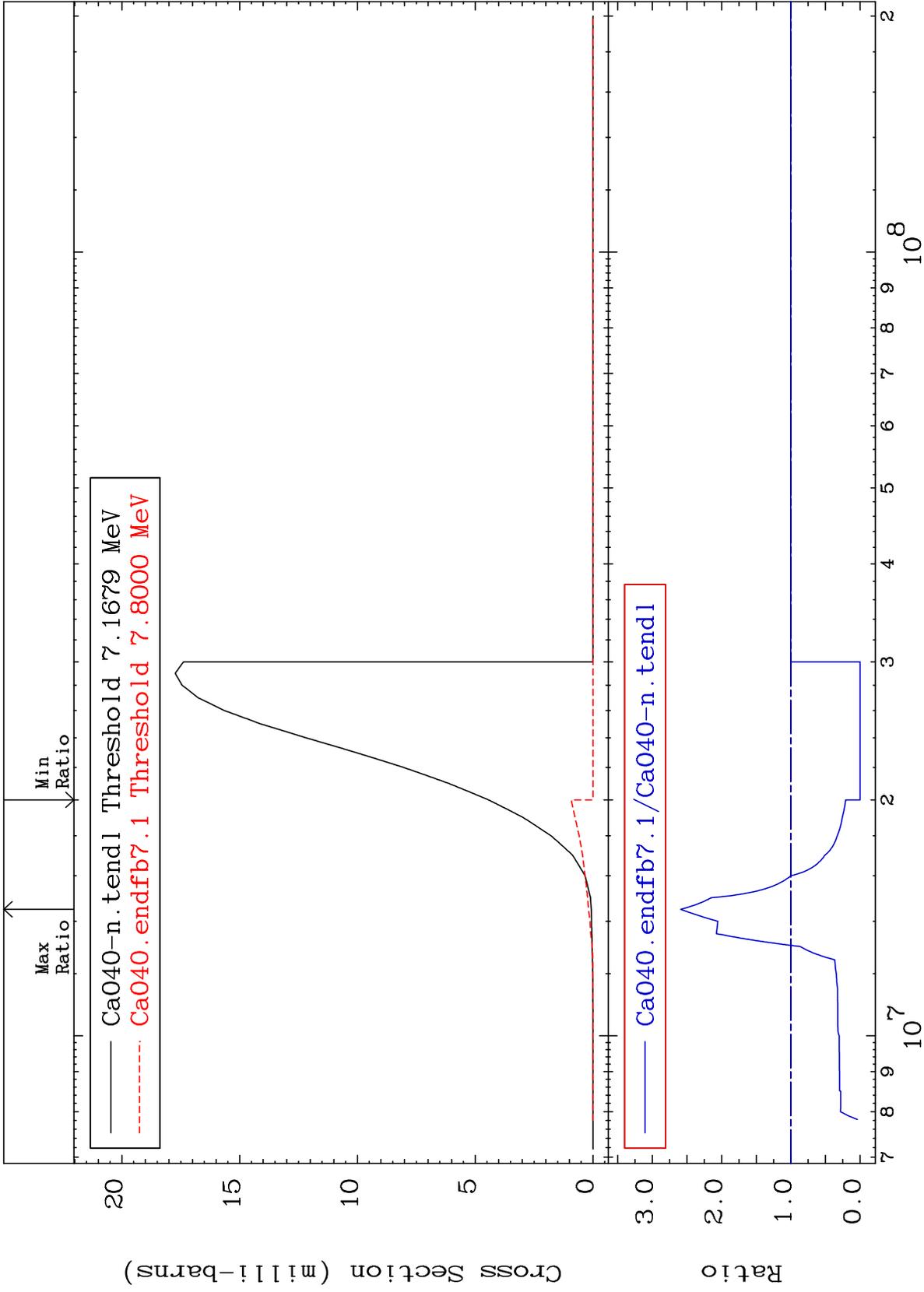
MAT 2025

(n, He-3)

20-Ca-40

Cross Section

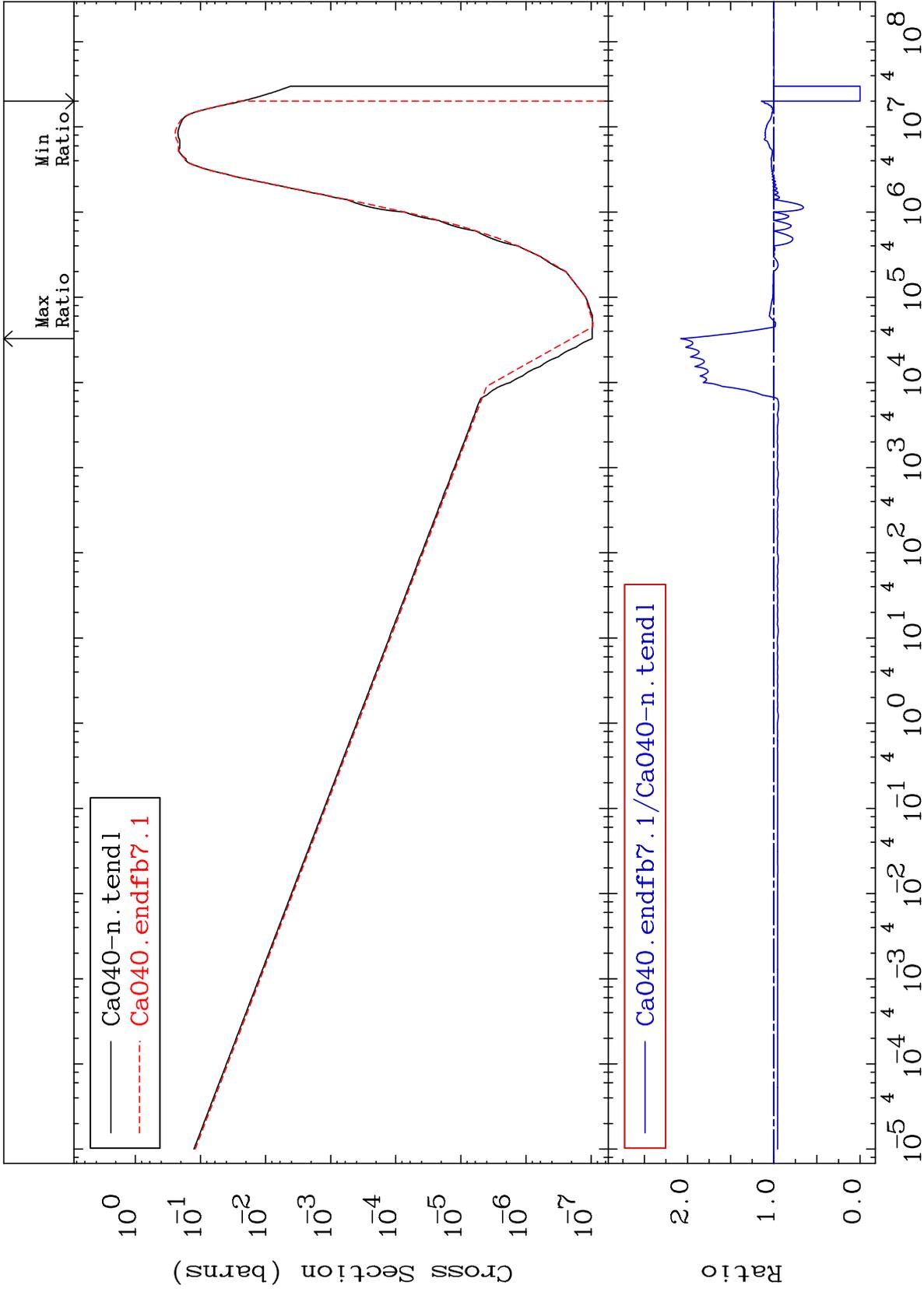
-100.0 To 159.0 %

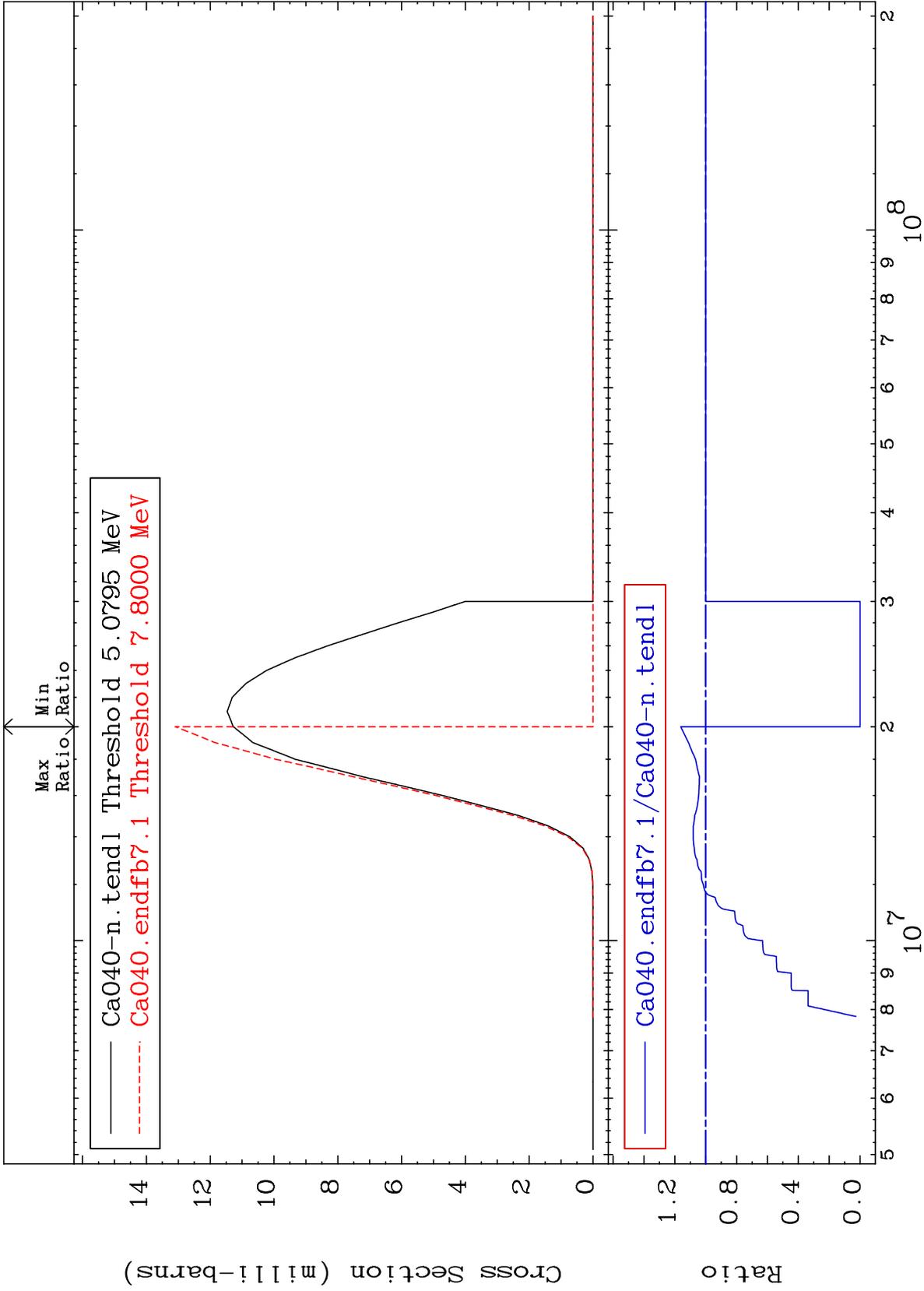


35

(n, α)
Cross Section

-100.0 To 107.8 %

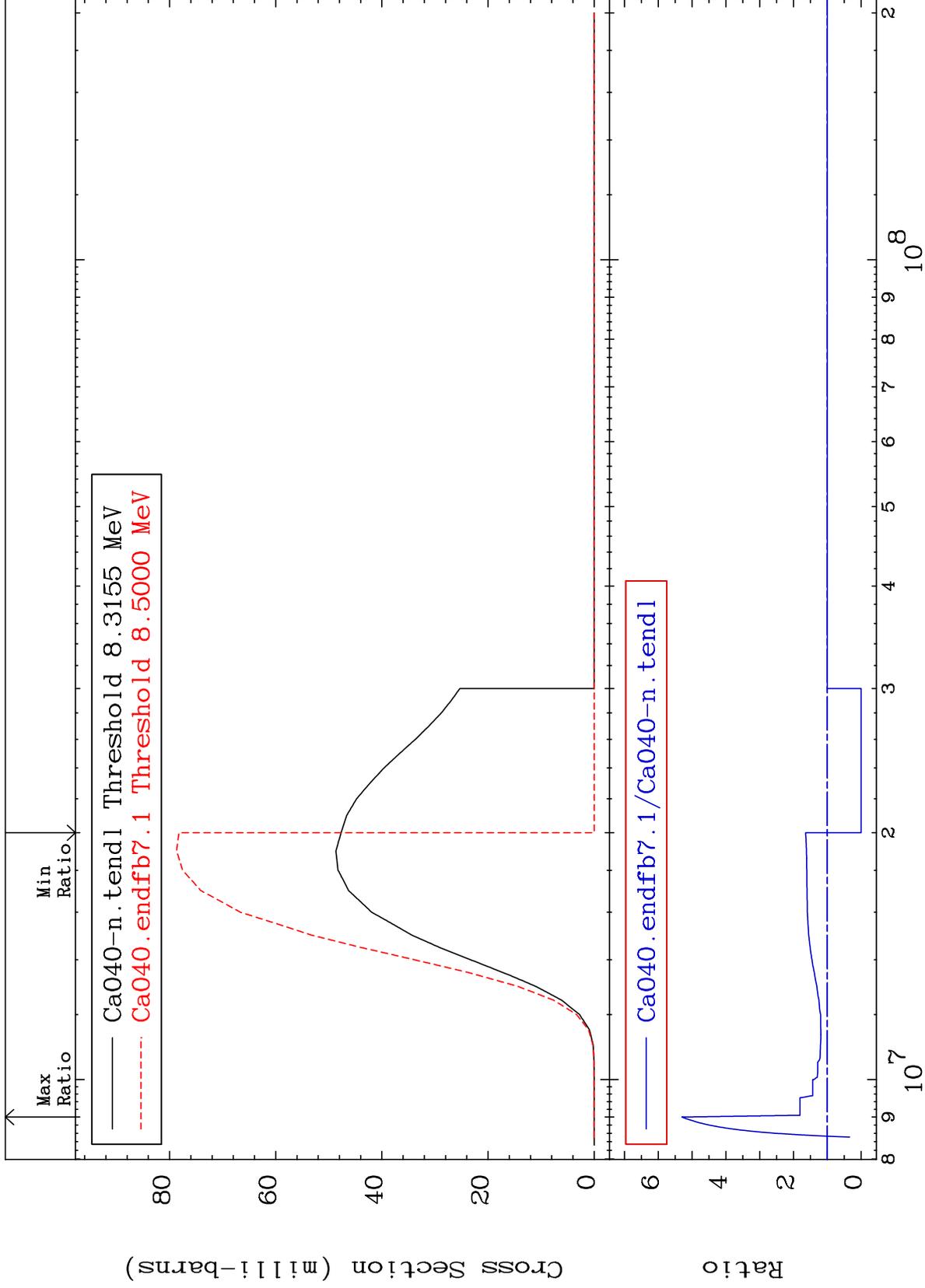




MAT 2025

(n,2p)
Cross Section

20-Ca-40
-100.0 To 430.1 %



38

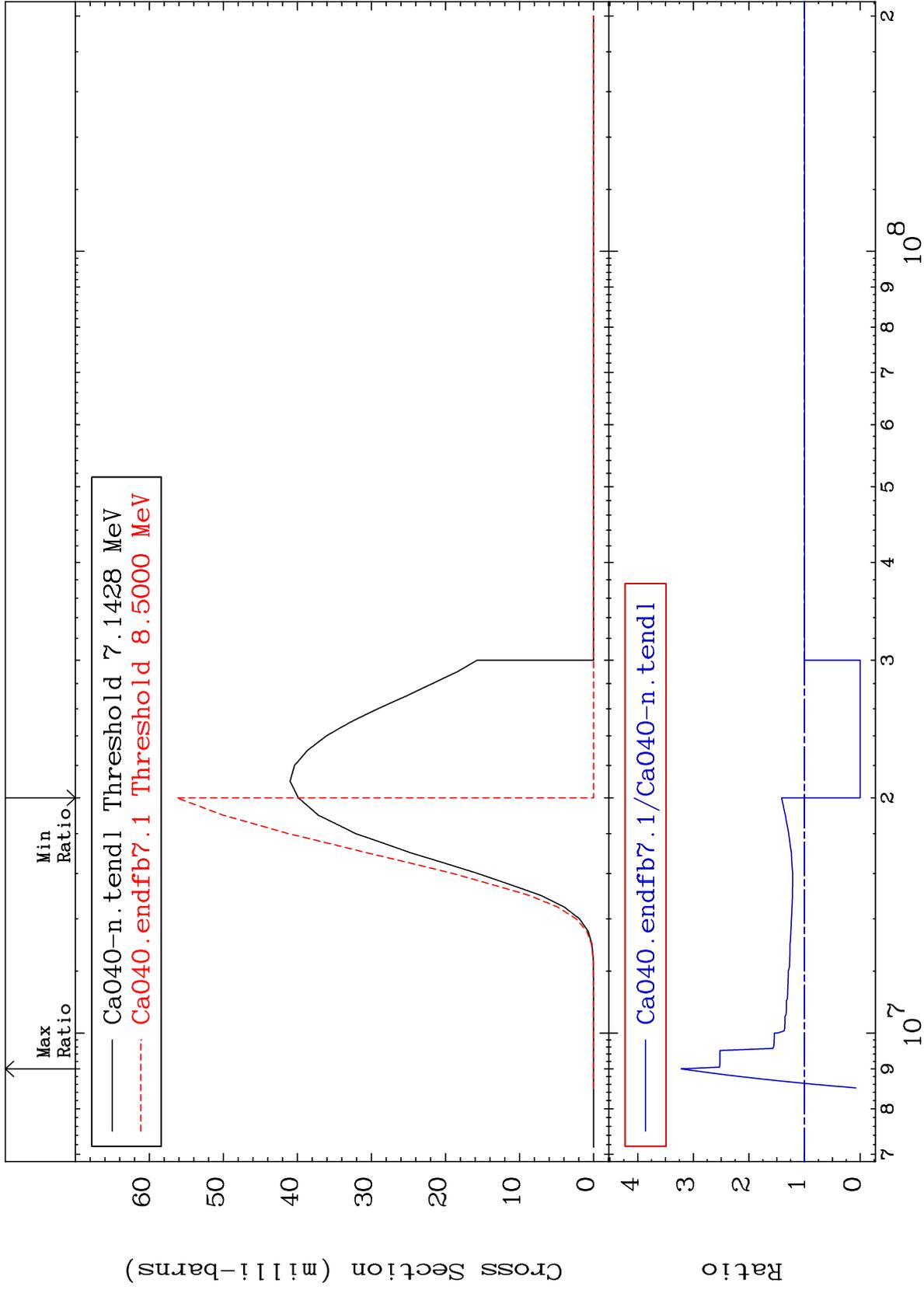
MAT 2025

(n, p) α

20-Ca-40

Cross Section

-100.0 To 221.8 %



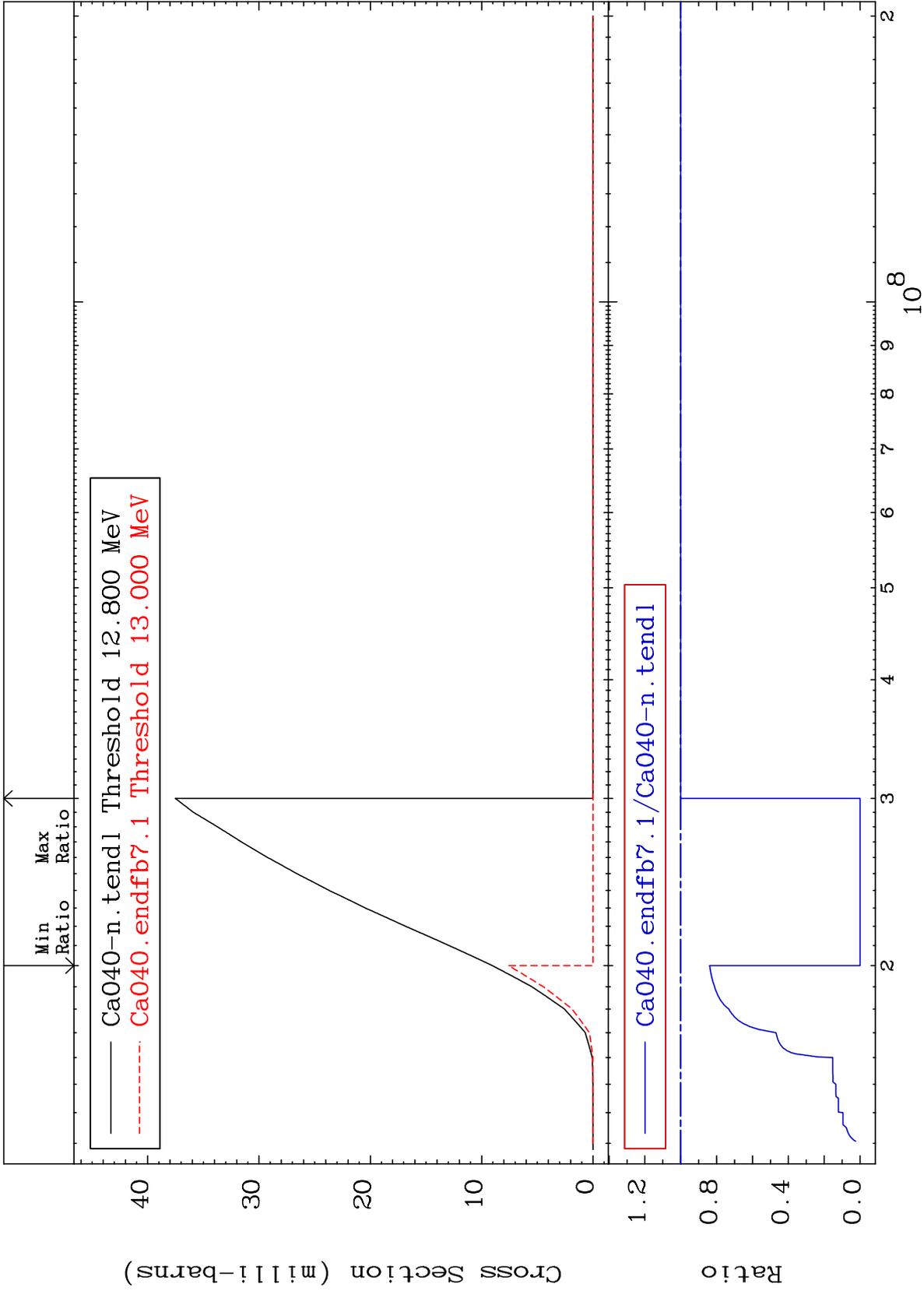
MAT 2025

(n, p) d

20-Ca-40

Cross Section

-100.0 To 0.000 %

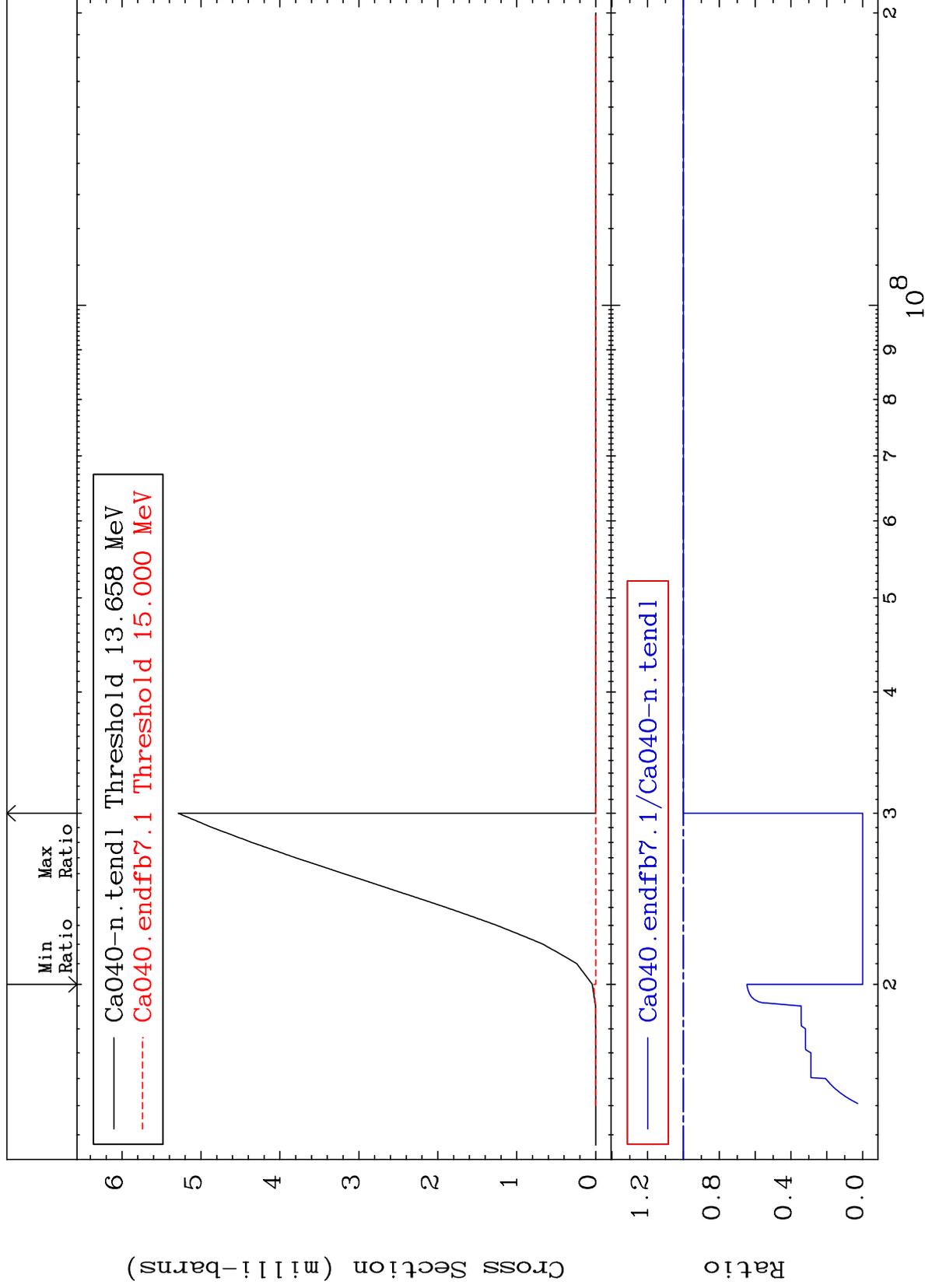


40

20-Ca-40

MAT 2025

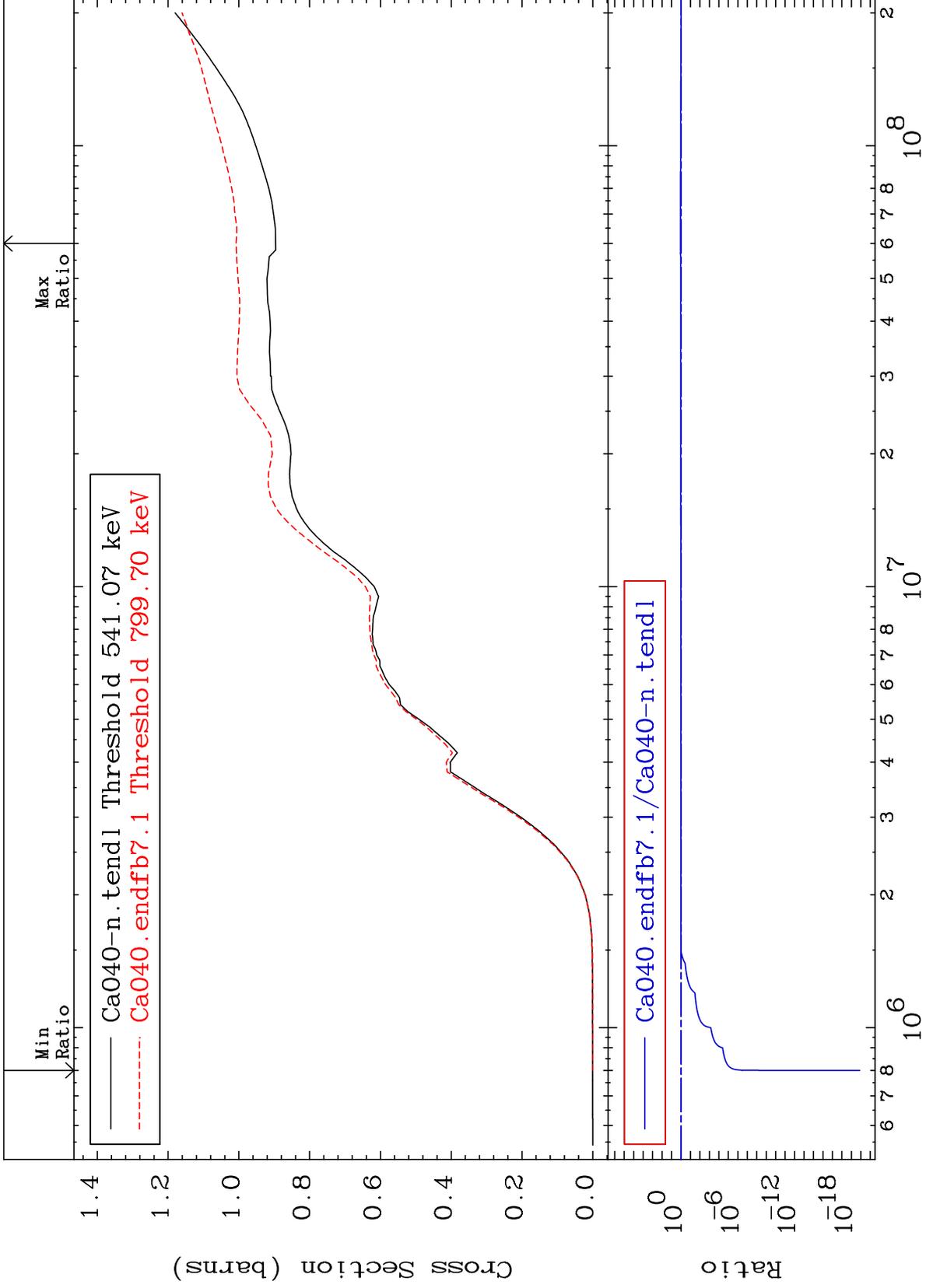
(n, d) α Cross Section
-100.0 To 0.000 % 20-Ca-40

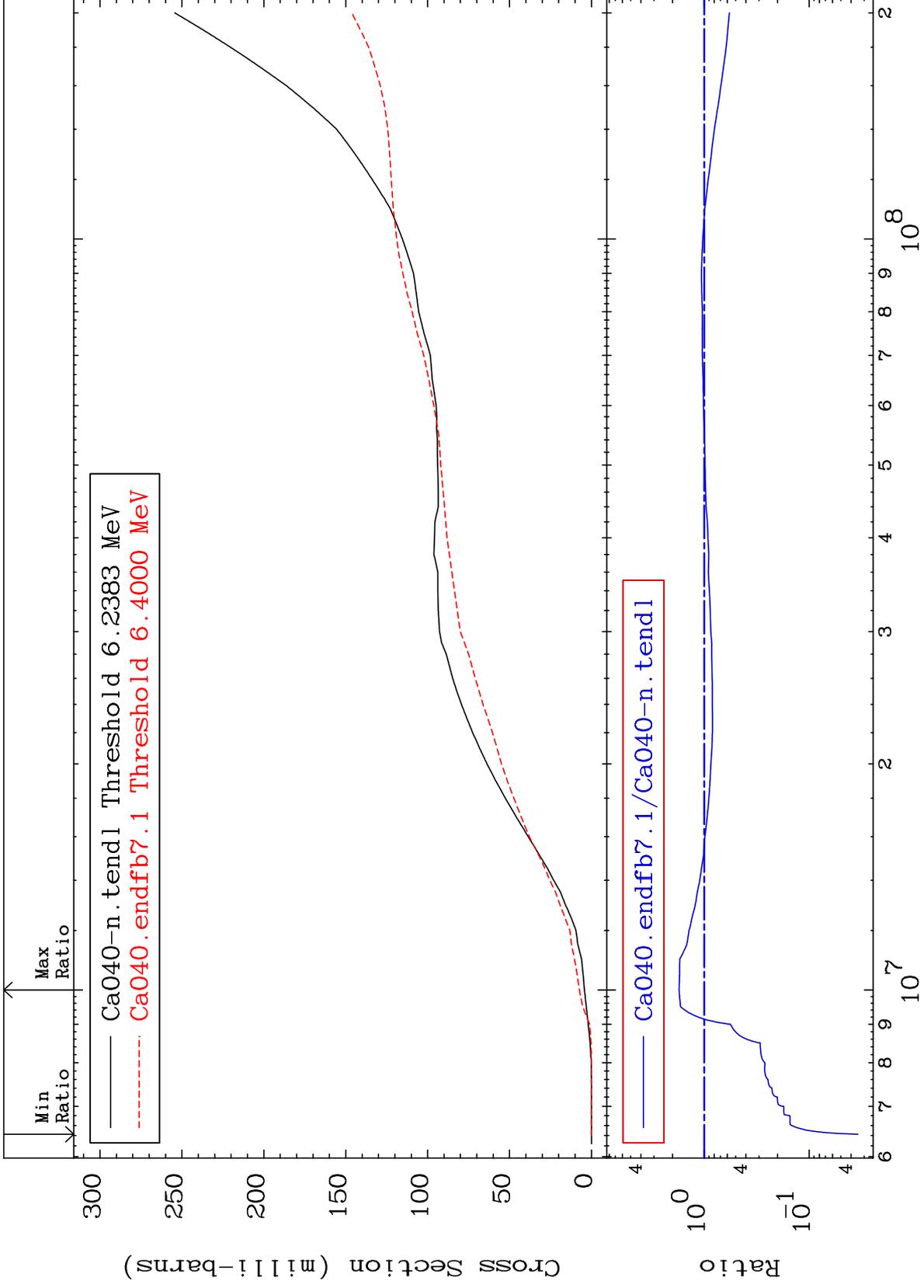


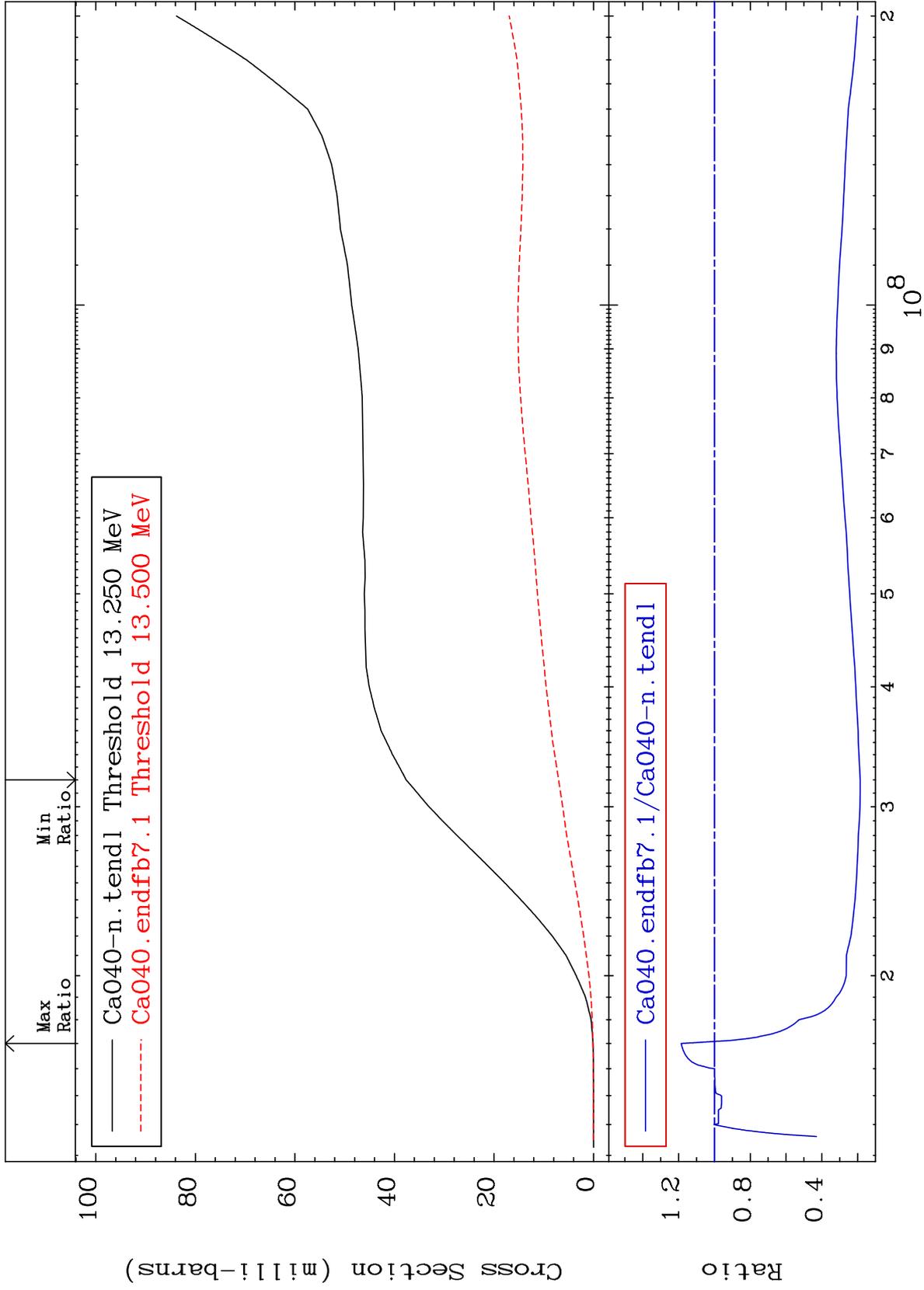
MAT 2025

Hydrogen Production
Cross Section

20-Ca-40
-100.0 To 12.45 %



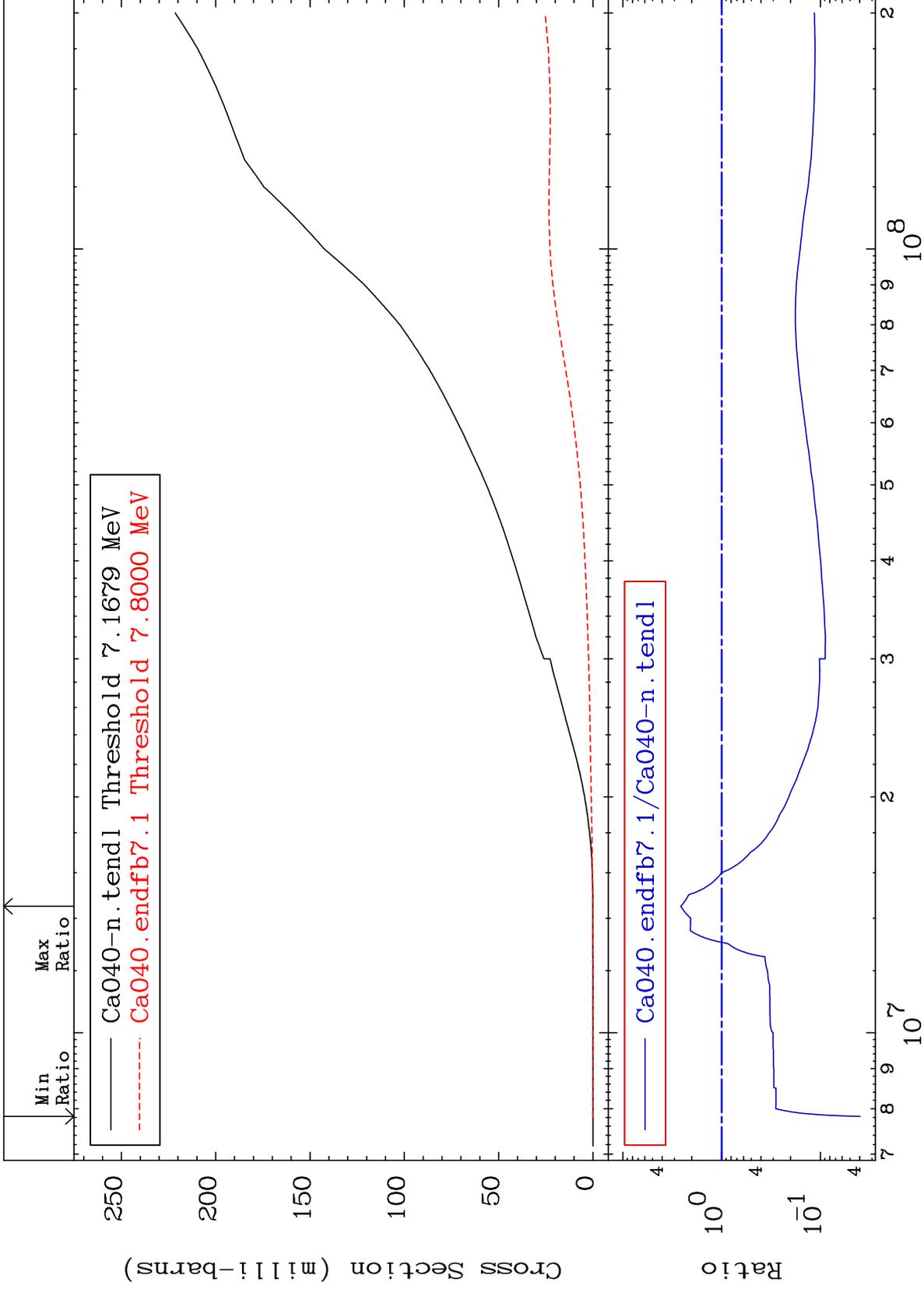




MAT 2025

He-3 Production
Cross Section

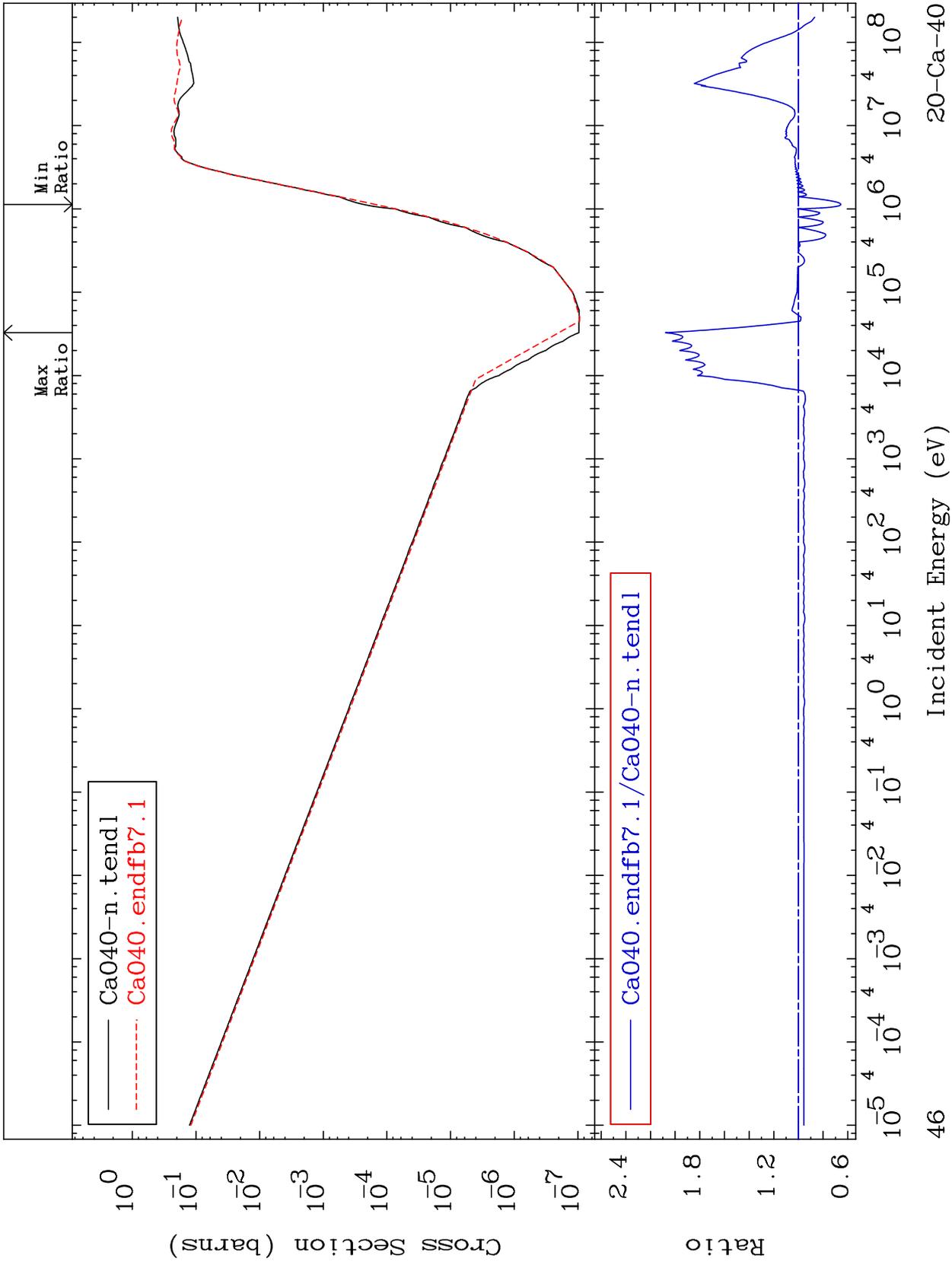
20-Ca-40
-96.04 To 159.0 %

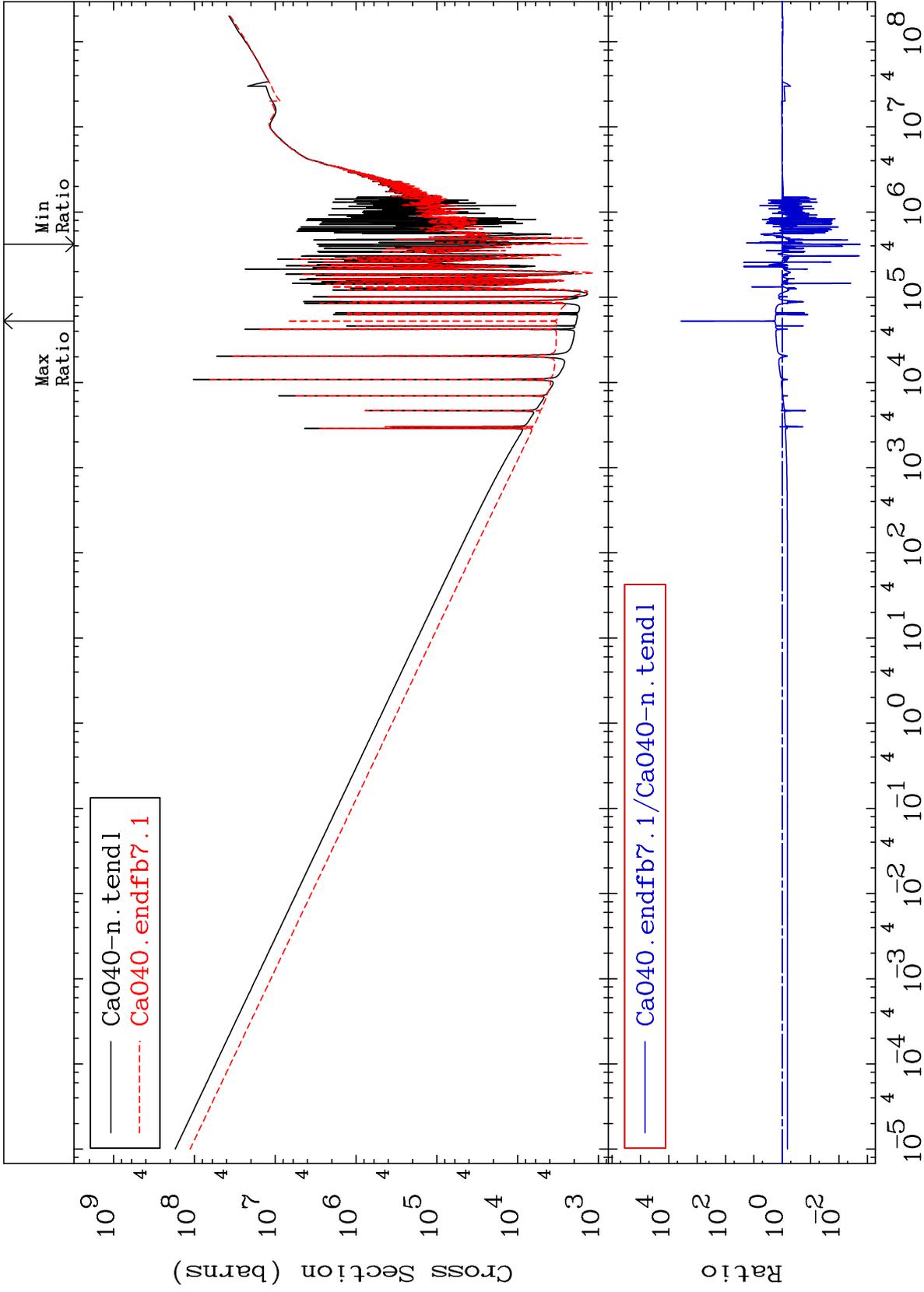


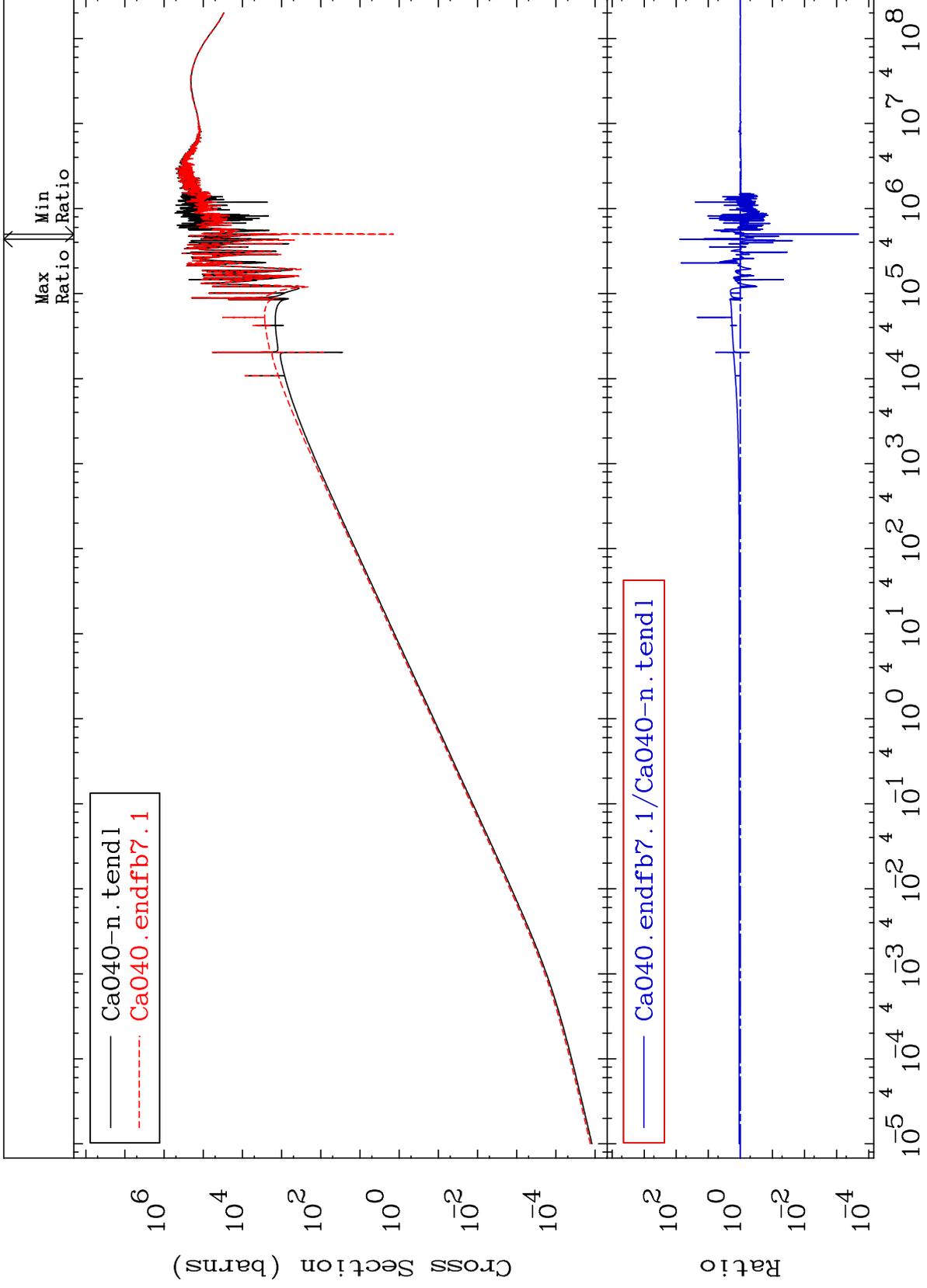
45

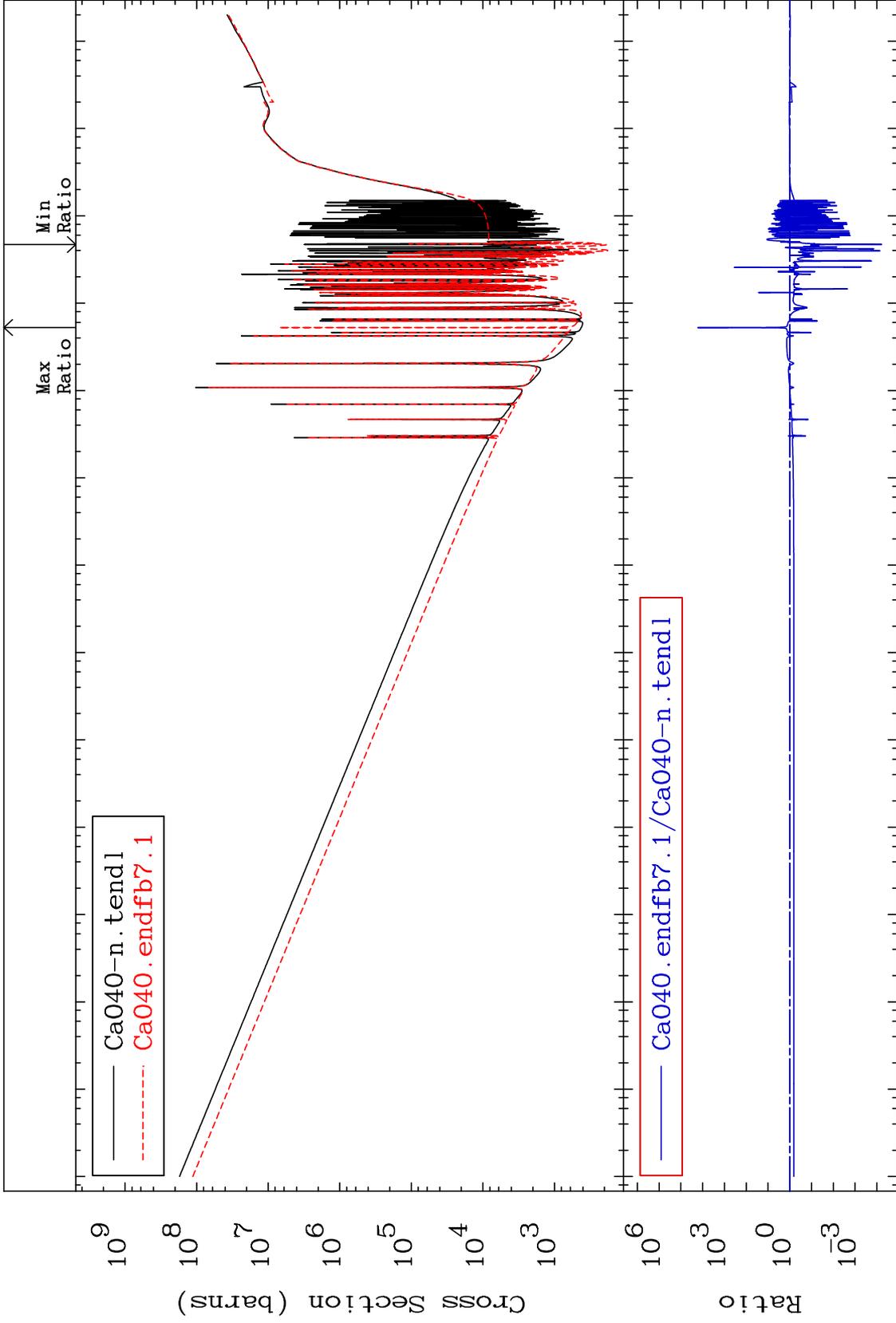
Incident Energy (eV)

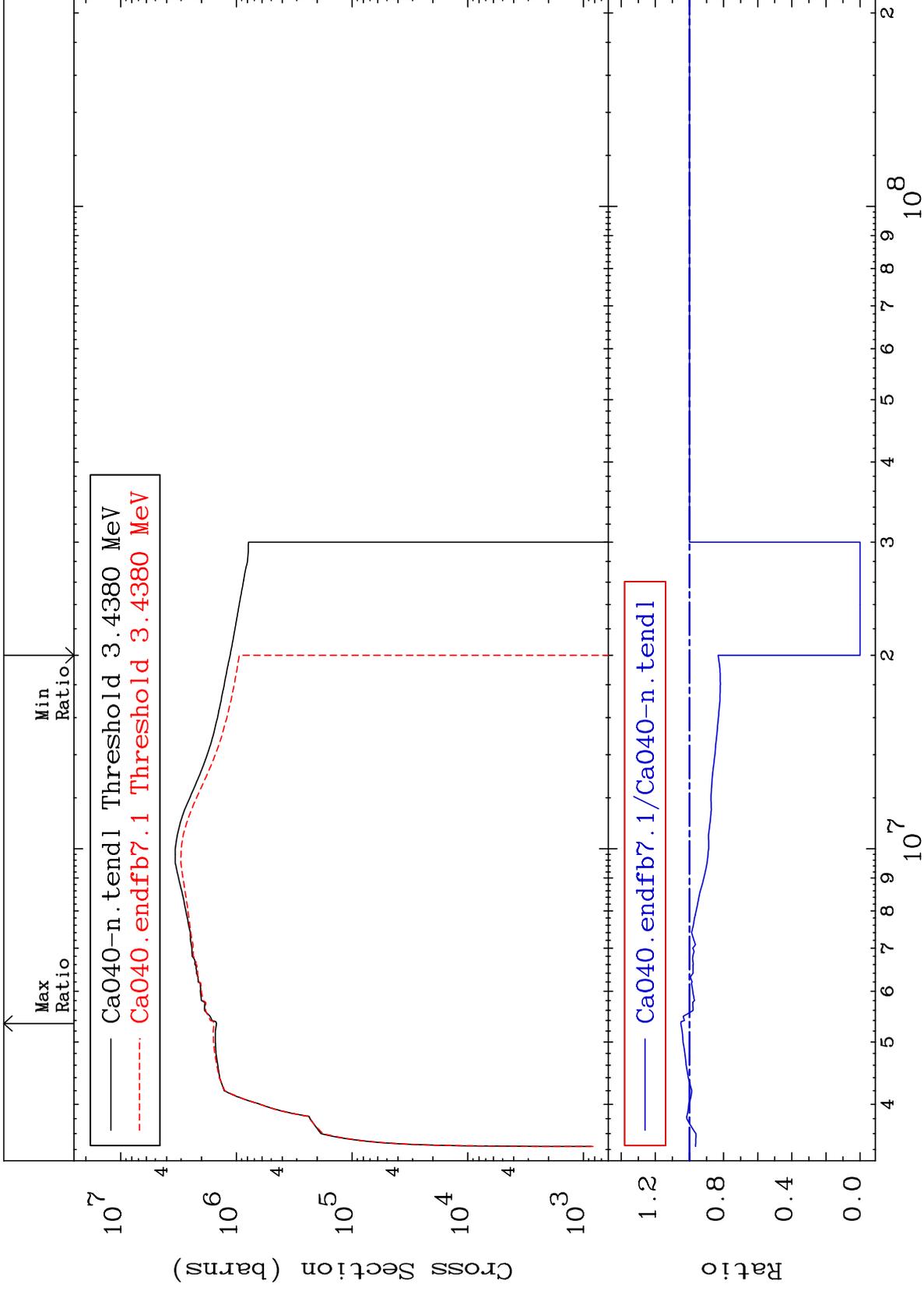
20-Ca-40

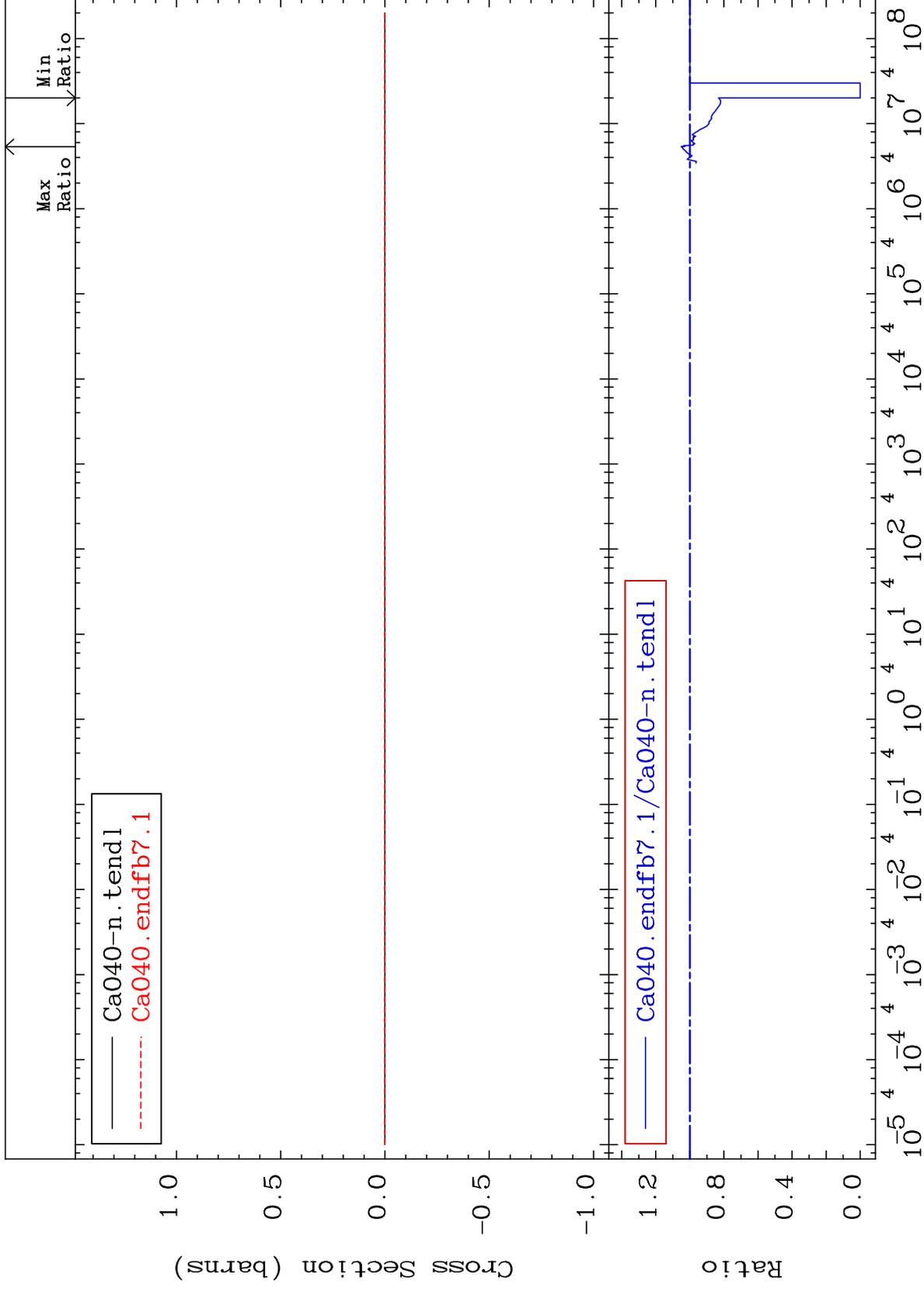








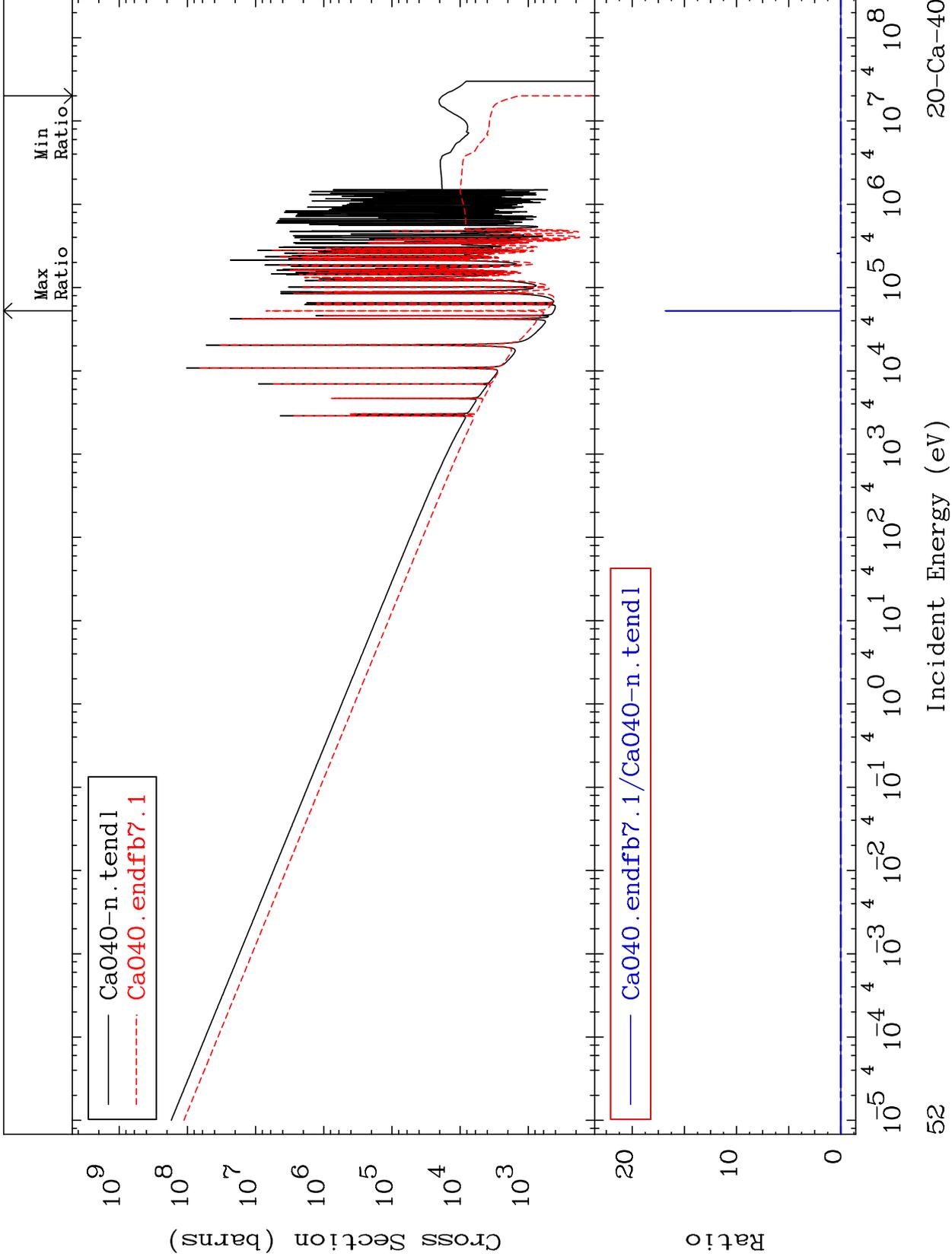


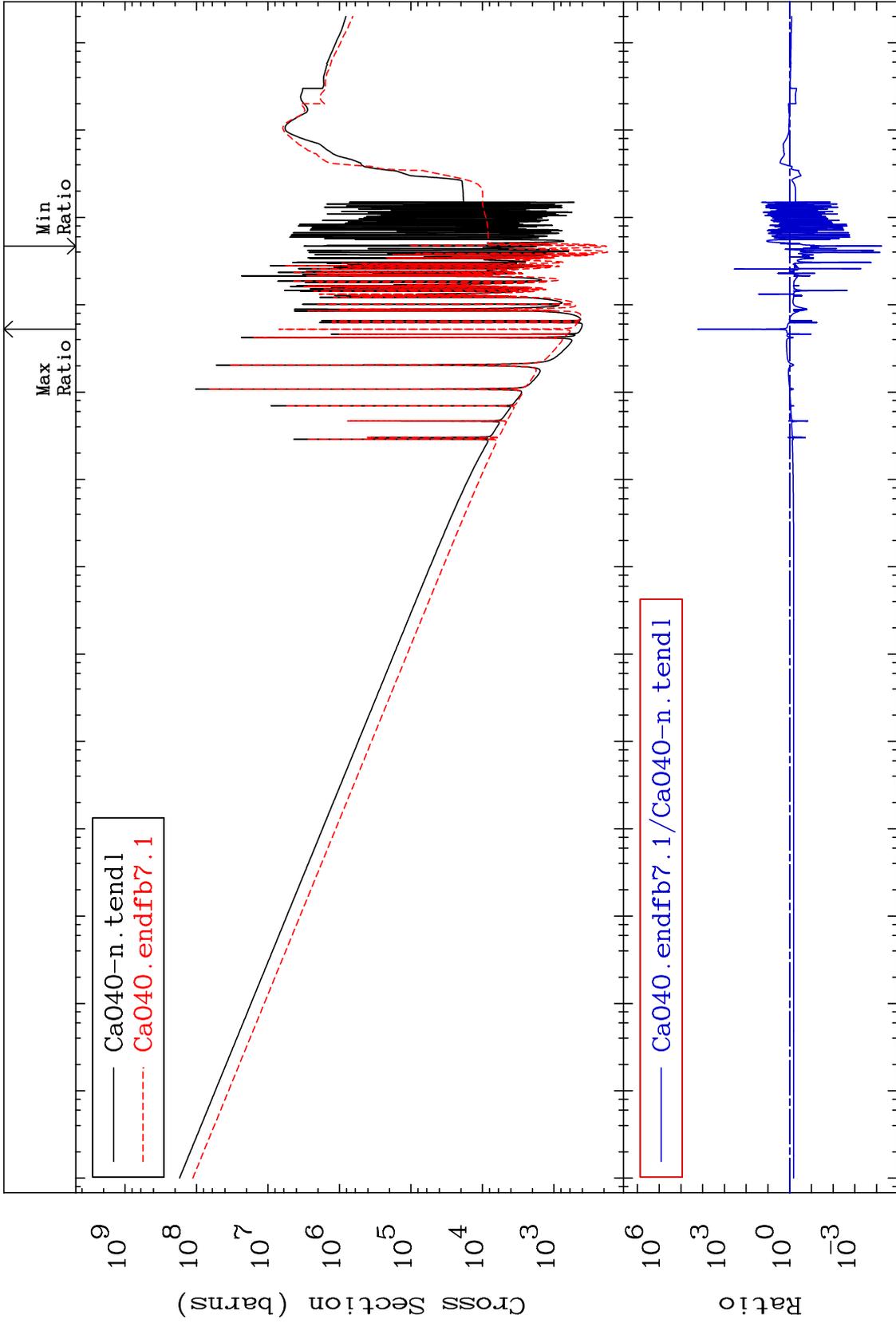


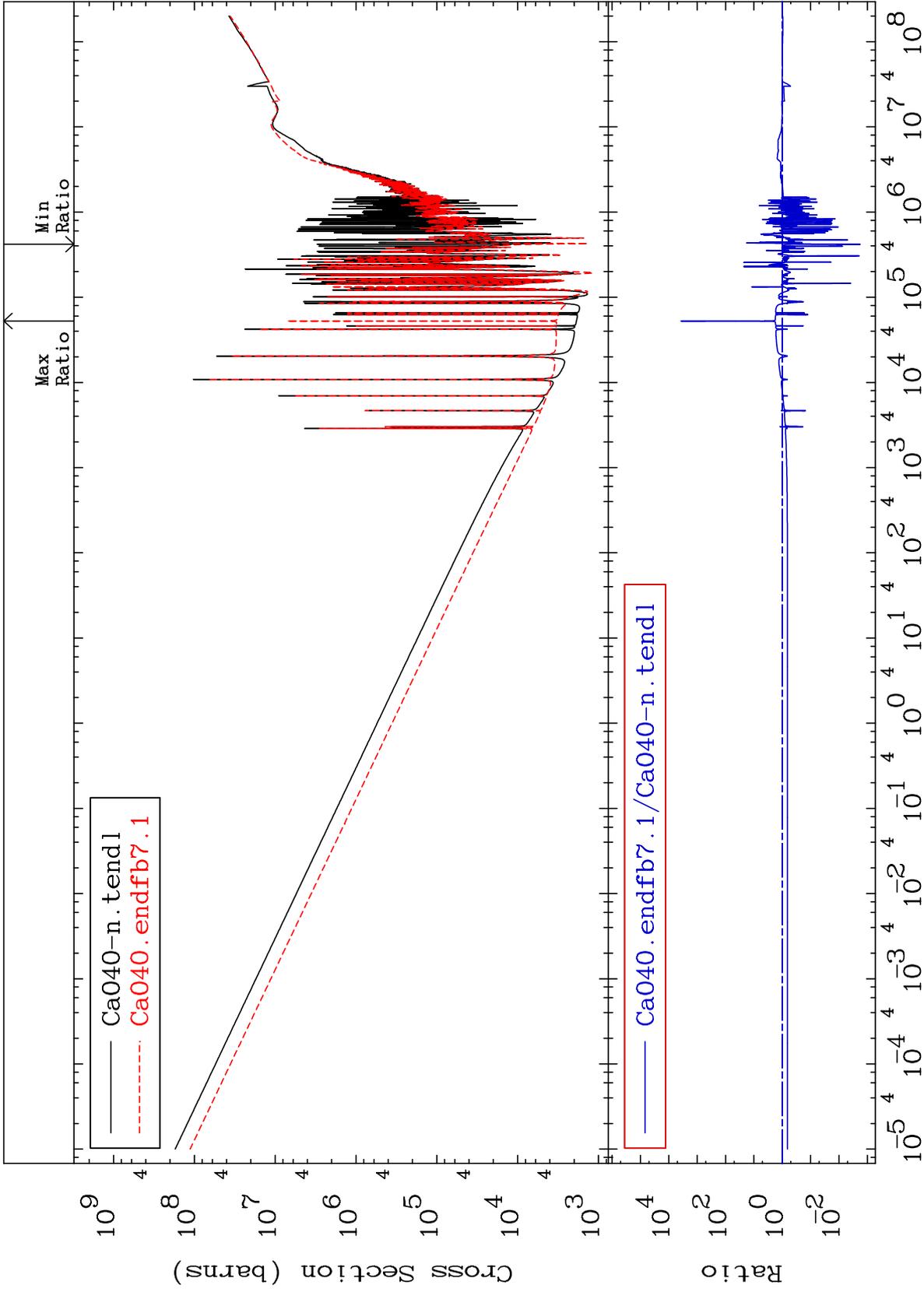
MAT 2025

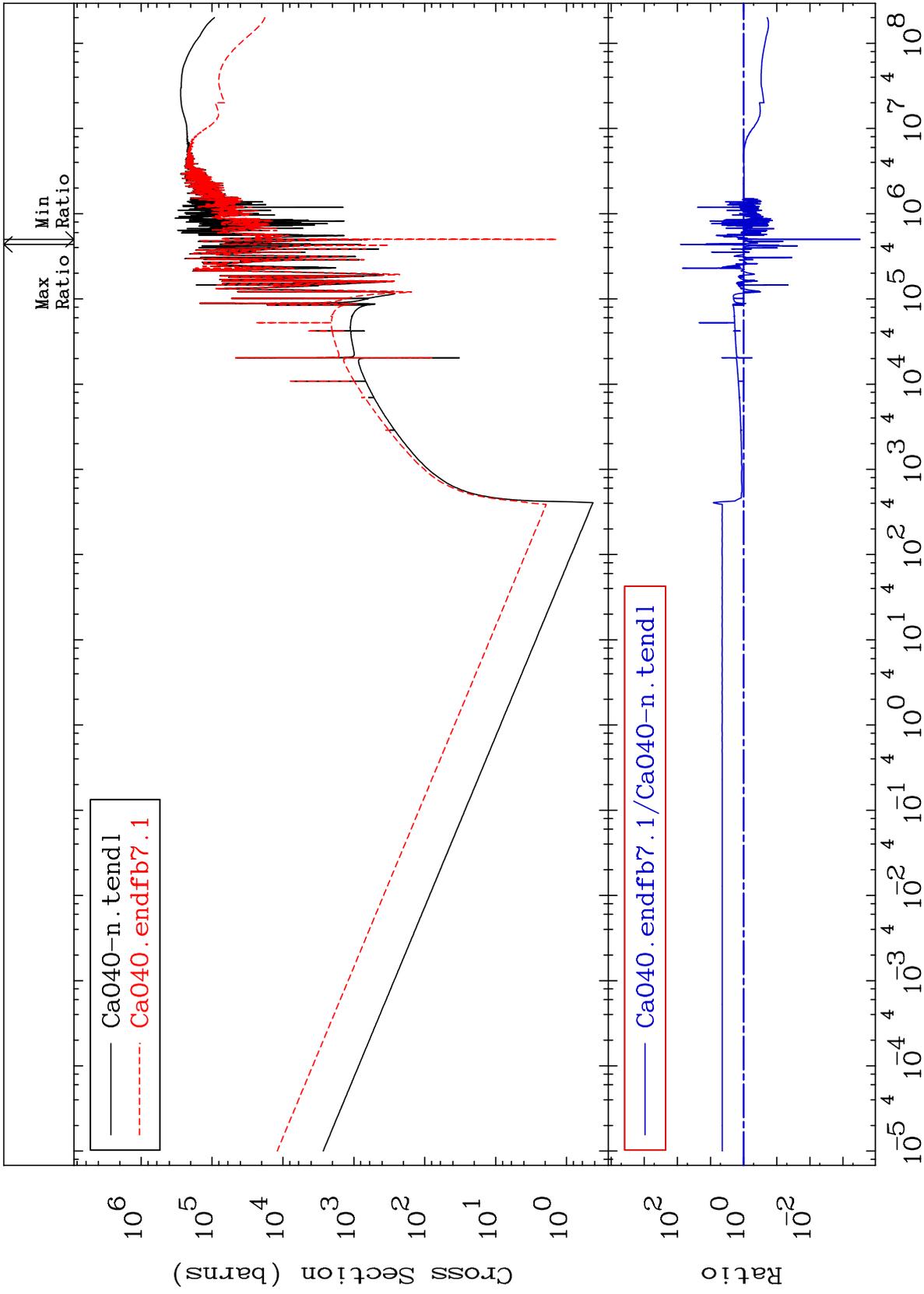
Kerma capture (mt102)
Cross Section

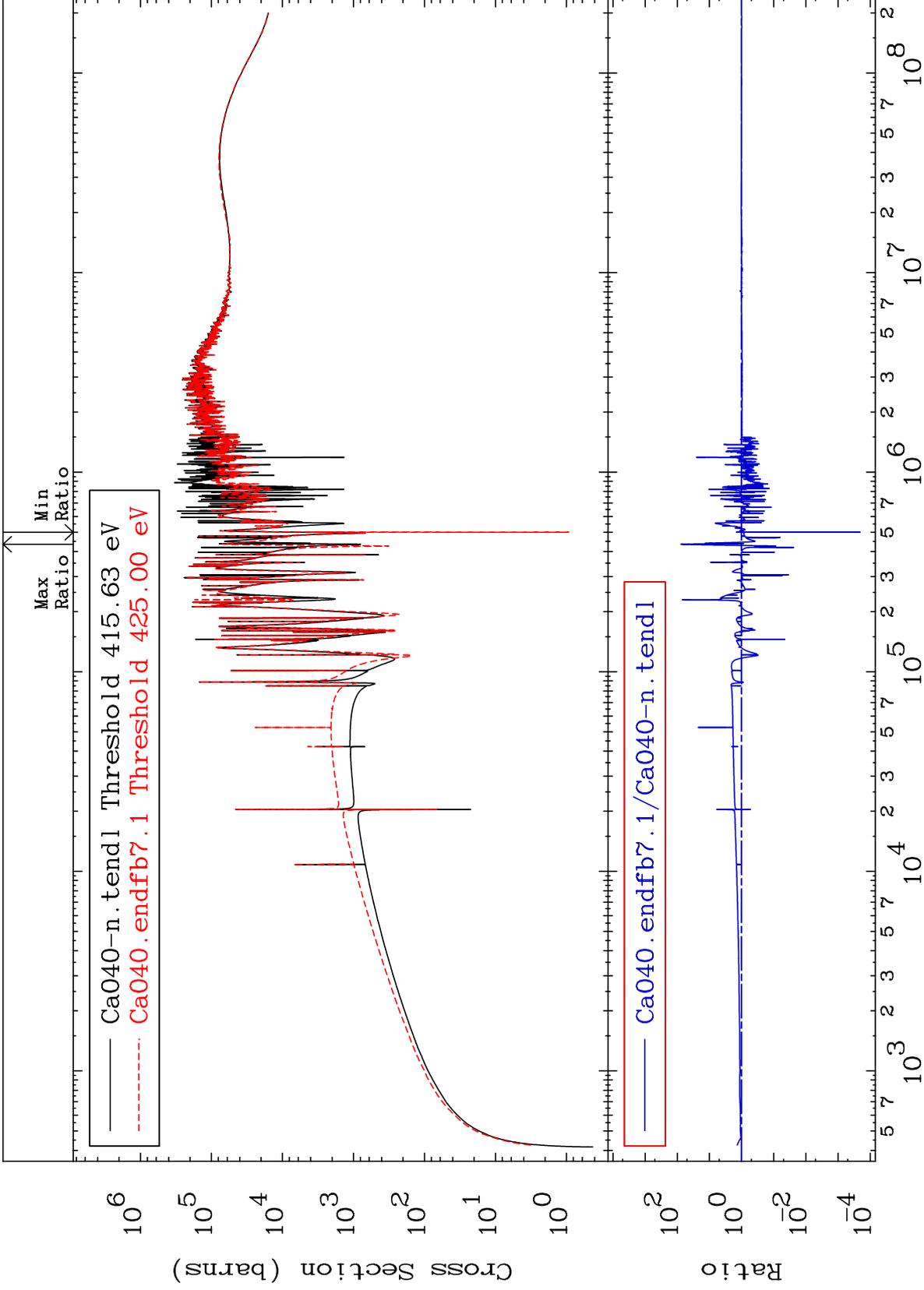
20-Ca-40
-100.0 To 9999. %

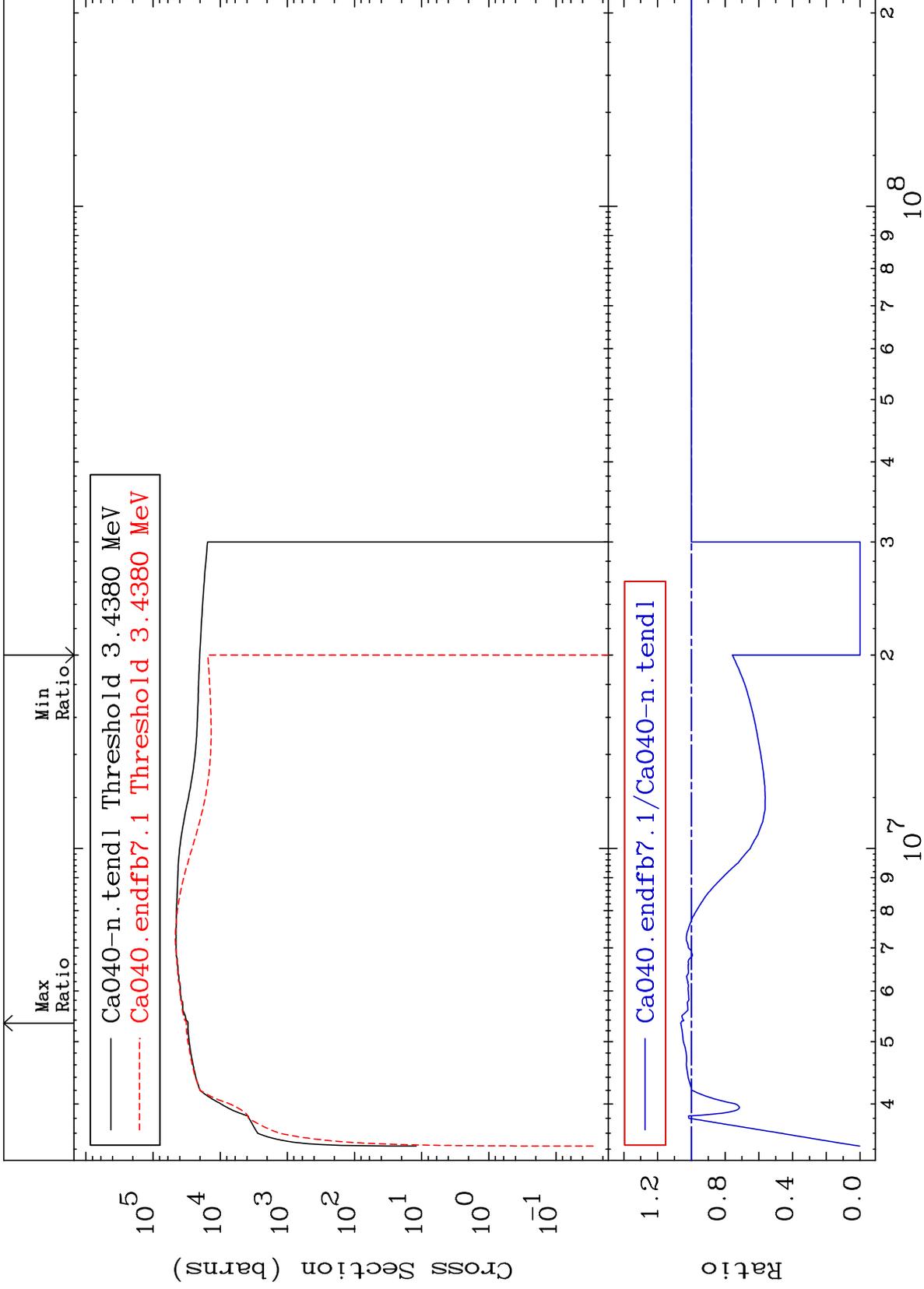












MAT 2025

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-40
-100.0 To 9999. %

