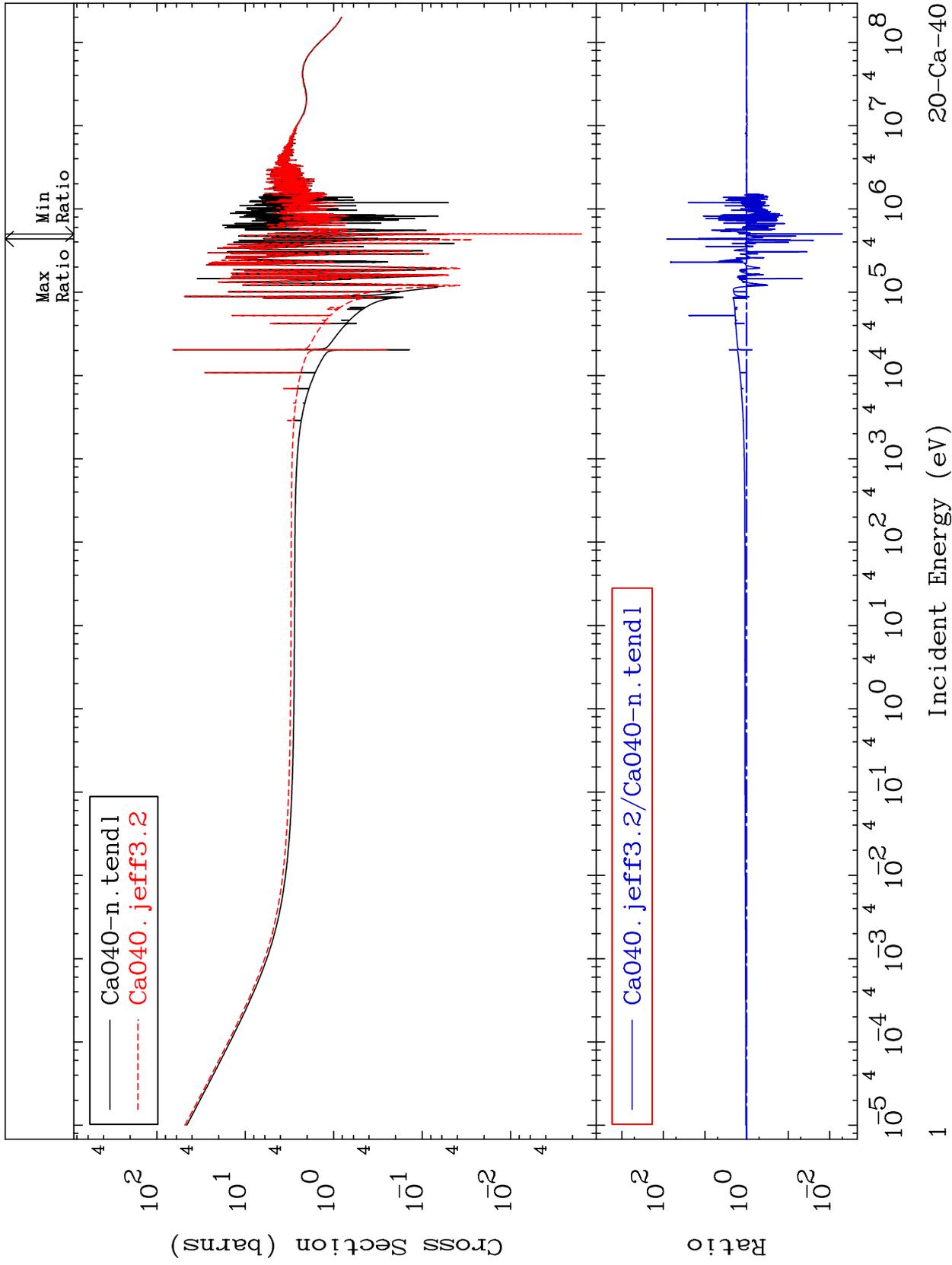


MAT 2025

Total  
Cross Section

20-Ca-40  
-99.50 To 8076. %



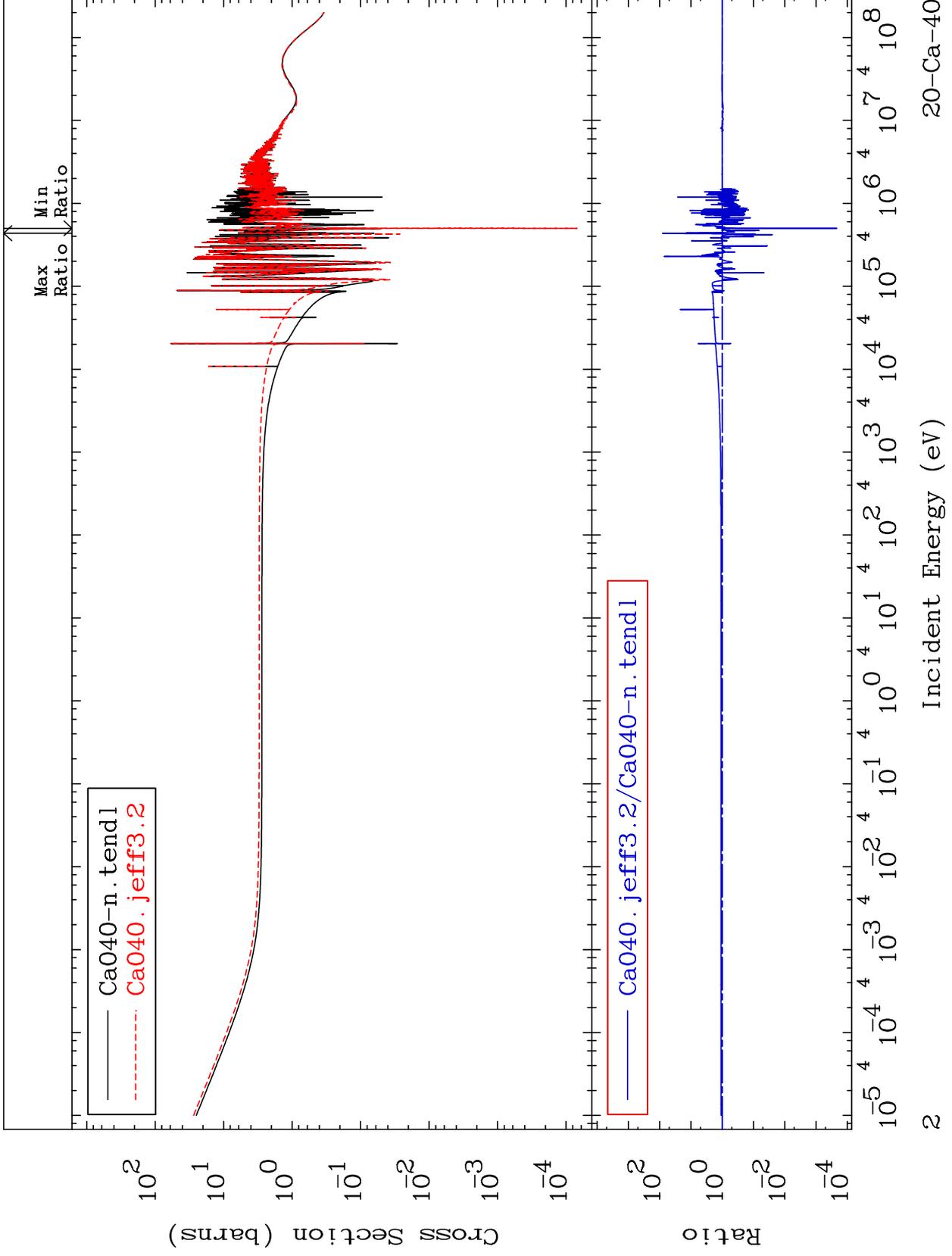
Incident Energy (eV)

20-Ca-40

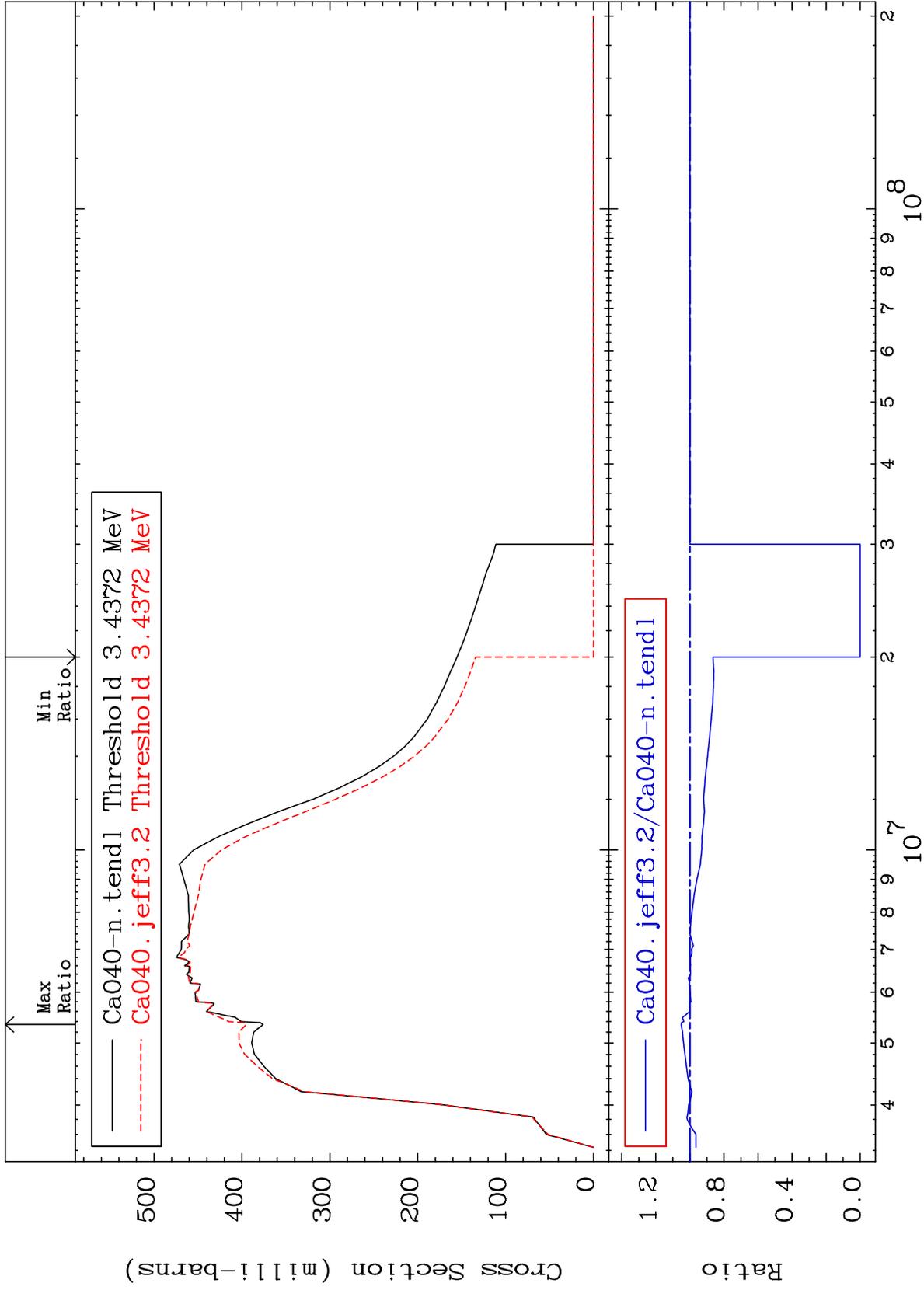
MAT 2025

Elastic  
Cross Section

20-Ca-40  
-99.98 To 8145. %



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

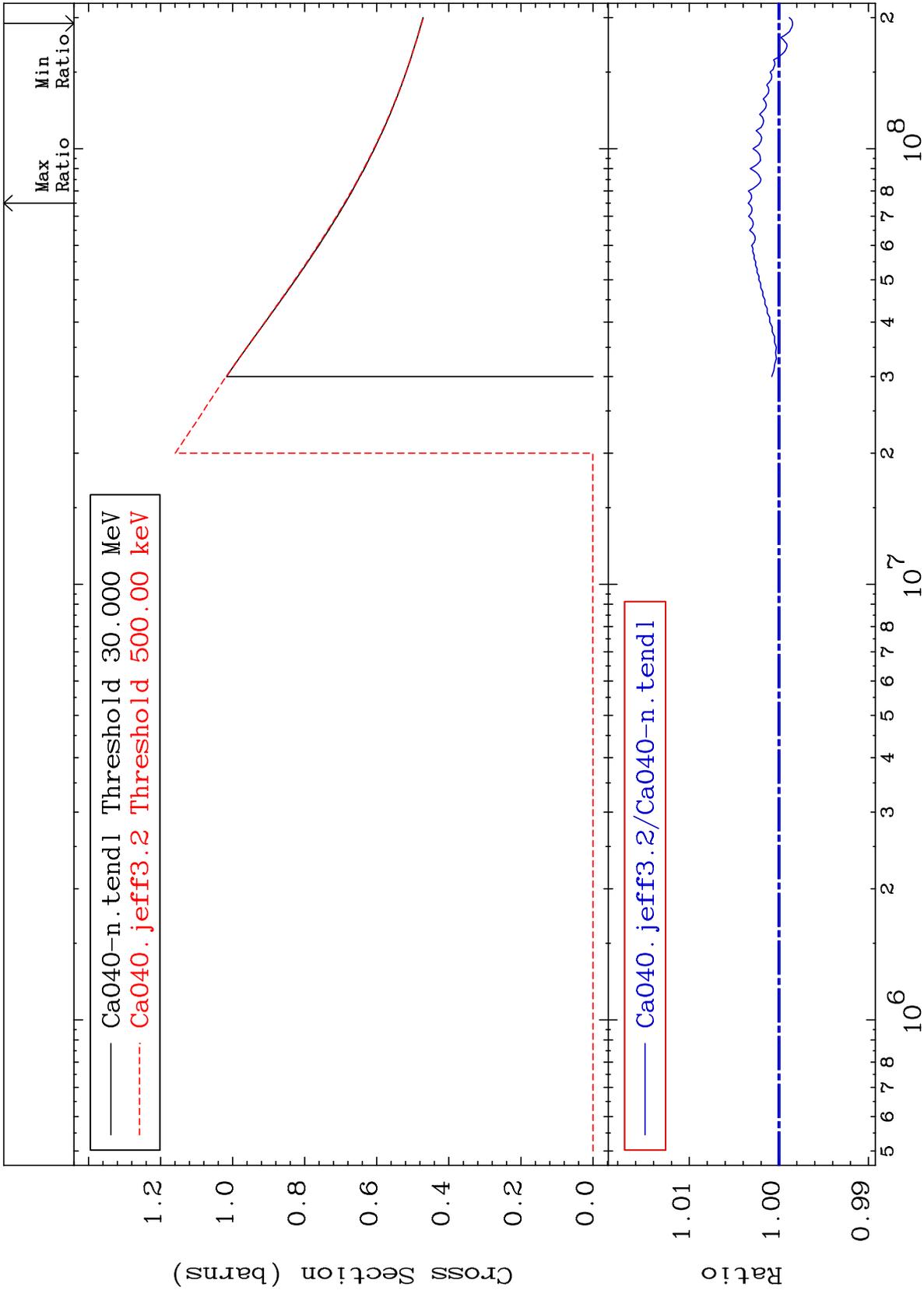


3 Incident Energy (eV) 20-Ca-40

MAT 2025

(n, remainder)  
Cross Section

20-Ca-40  
-0.153 To 0.342 %

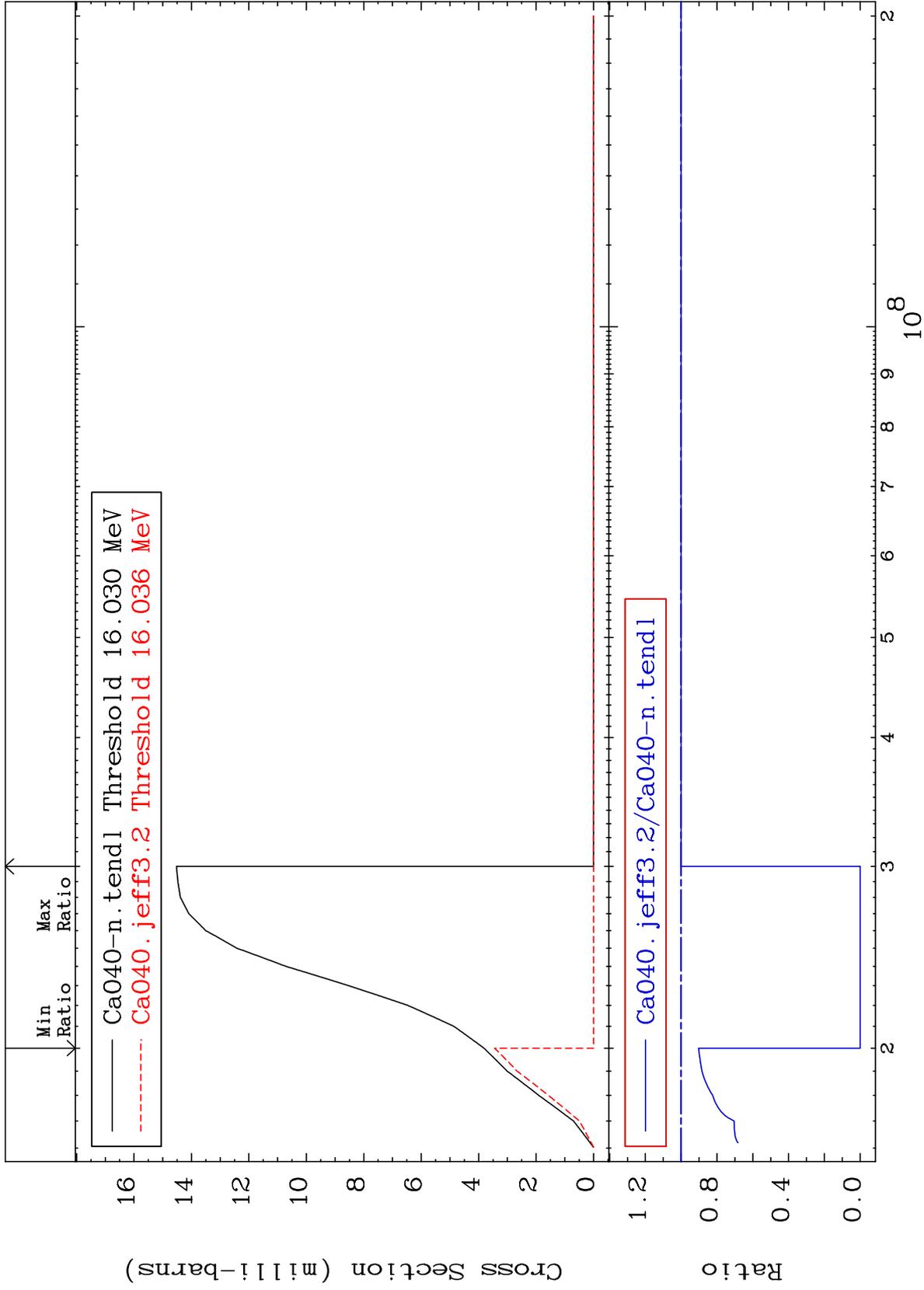


Incident Energy (eV)

20-Ca-40

Cross Section

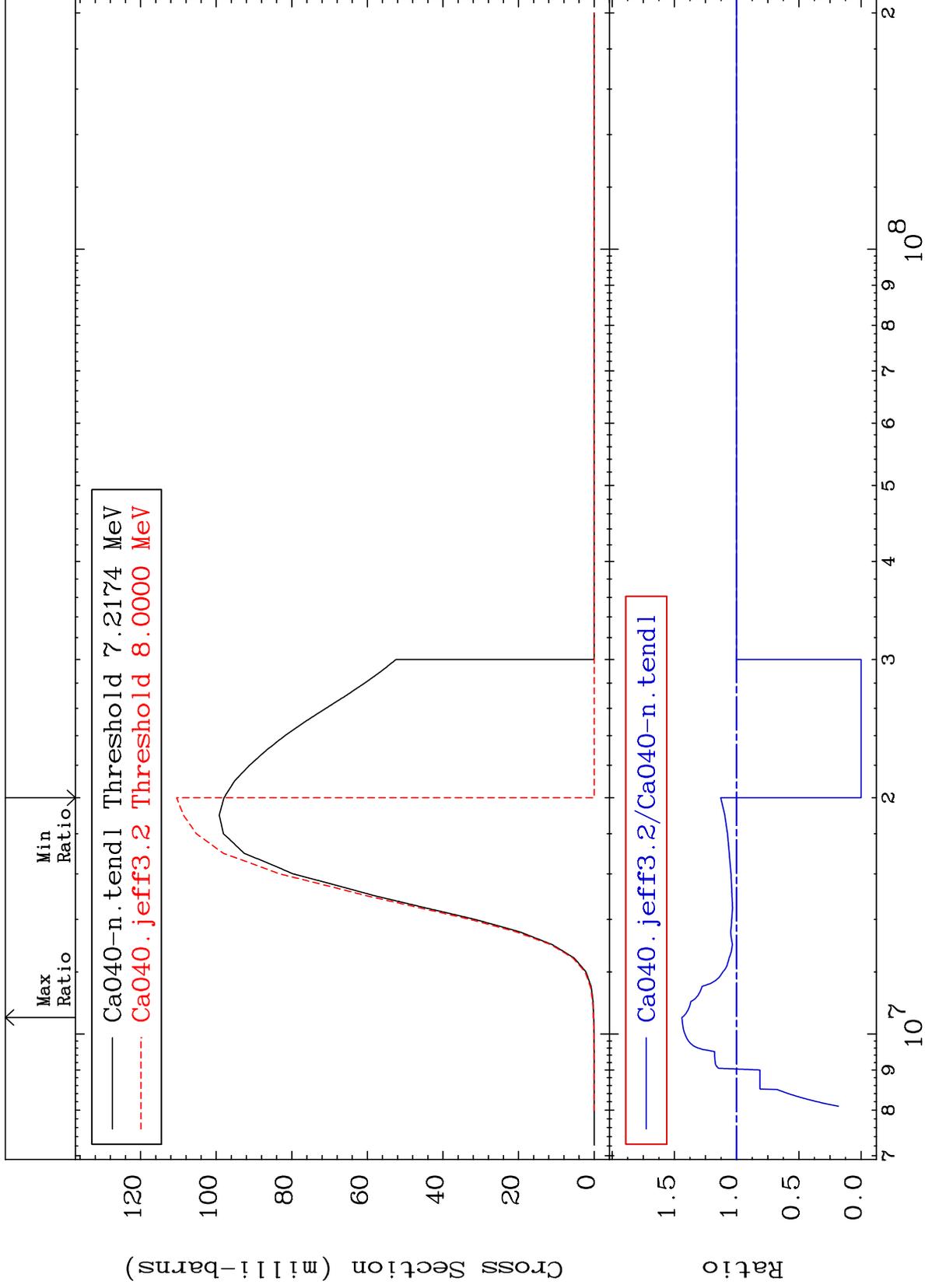
-100.0 To 0.000 %



MAT 2025

(n, n')  $\alpha$   
Cross Section

20-Ca-40  
-100.0 To 43.96 %



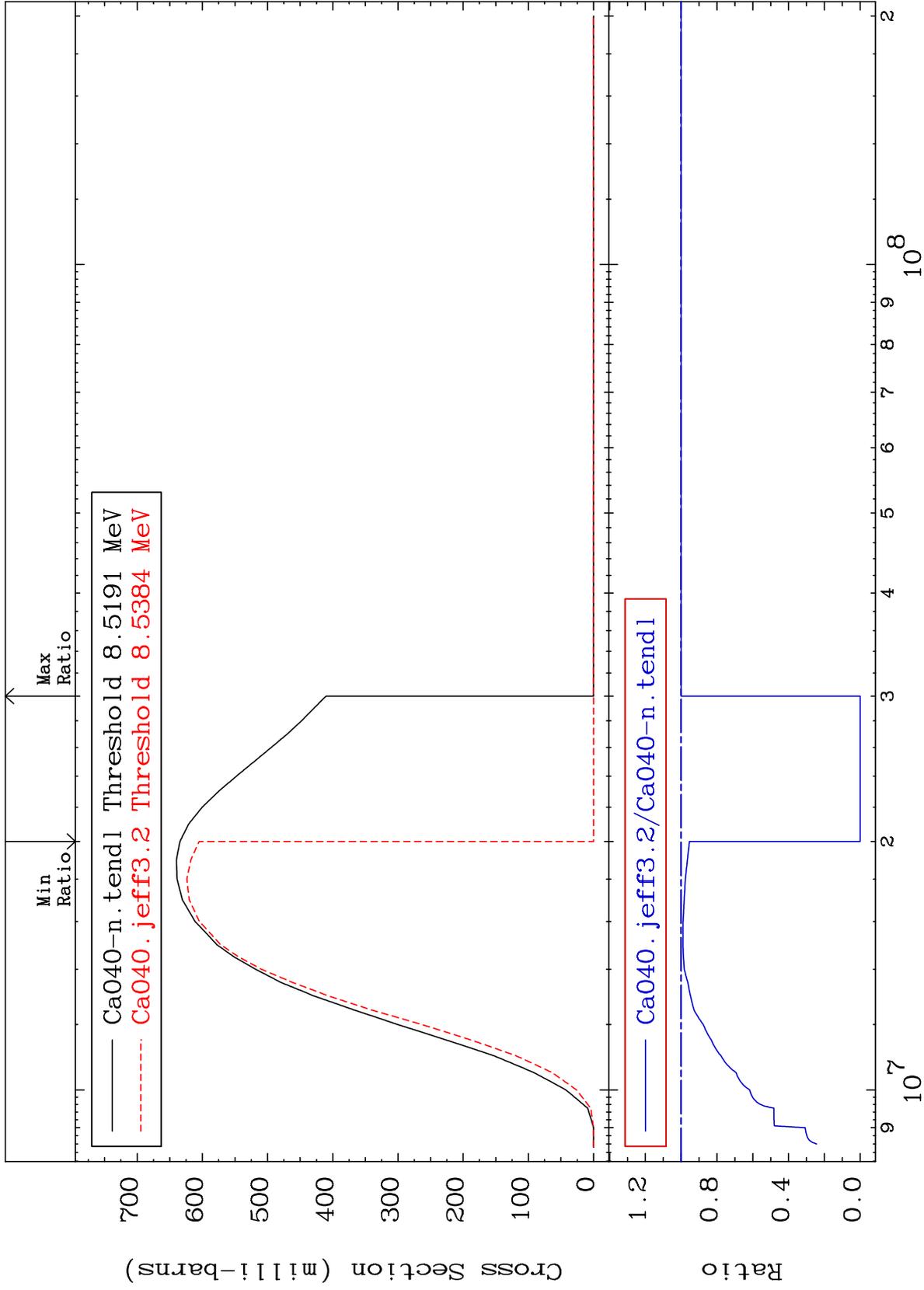
6

MAT 2025

(n, n') p  
Cross Section

20-Ca-40

-100.0 To 0.000 %



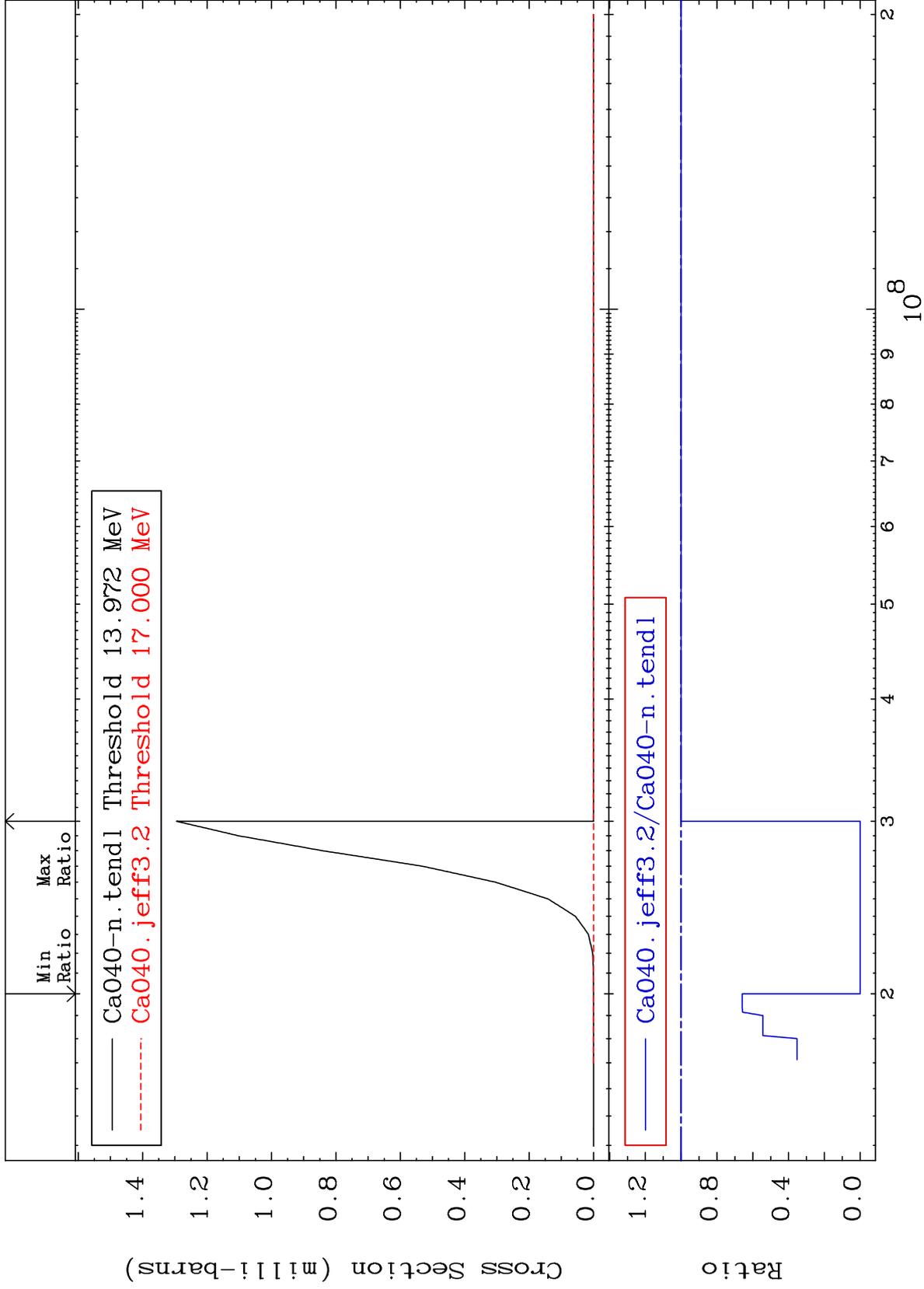
Incident Energy (eV)

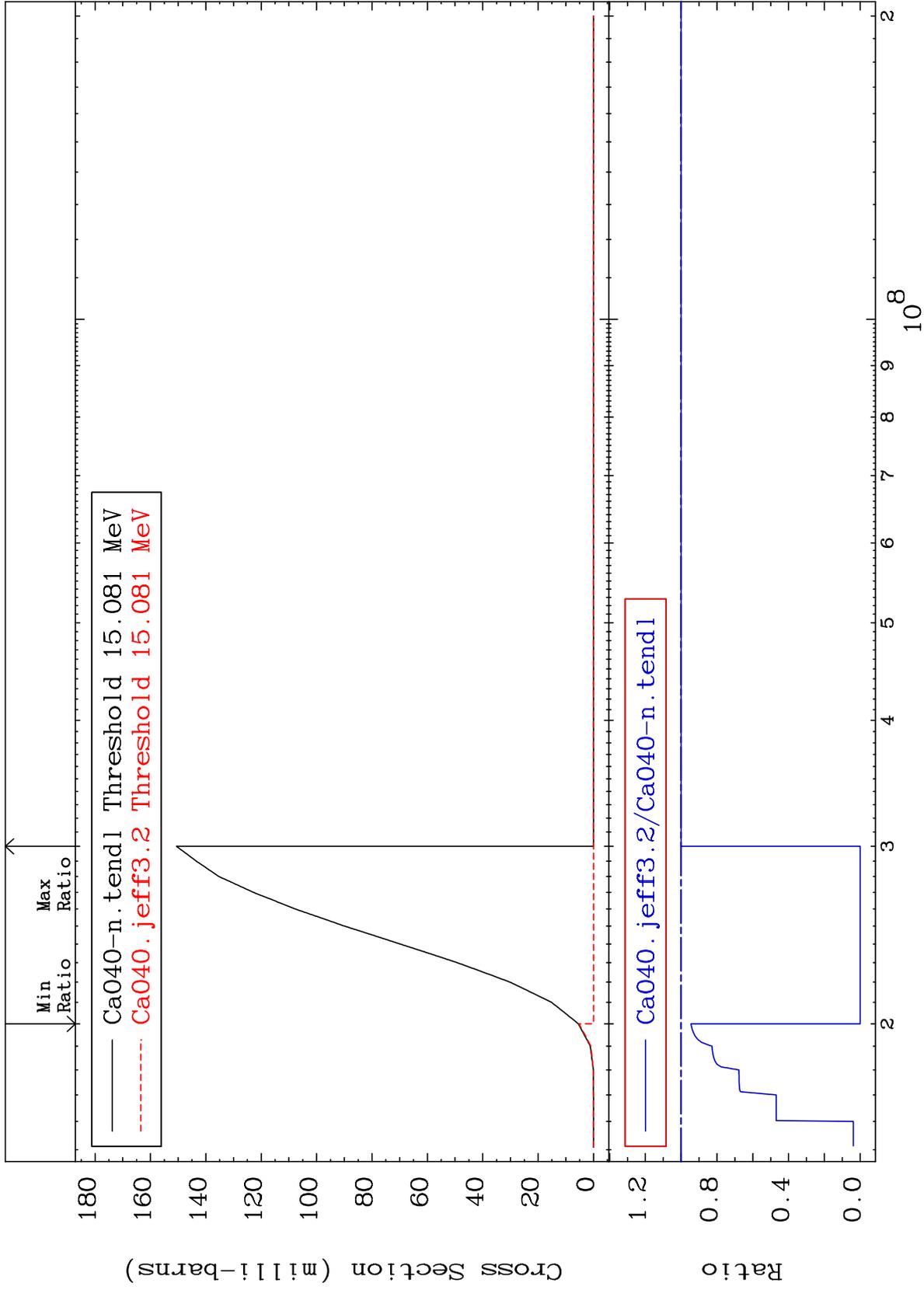
20-Ca-40

MAT 2025

(n, n') 2α  
Cross Section

20-Ca-40  
-100.0 To 0.000 %

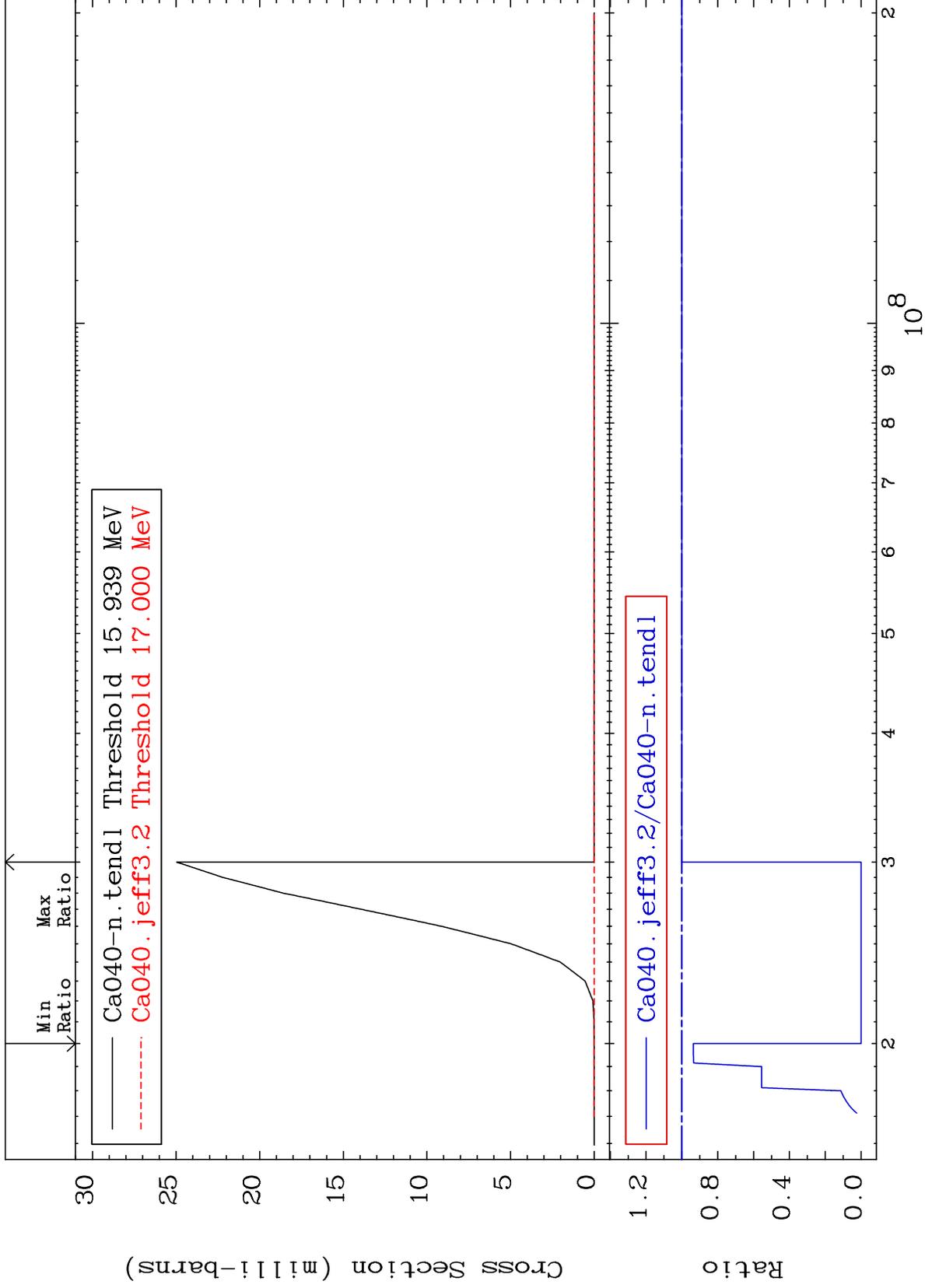




MAT 2025

(n,n') p  $\alpha$   
Cross Section

20-Ca-40  
-100.0 To 0.000 %



10

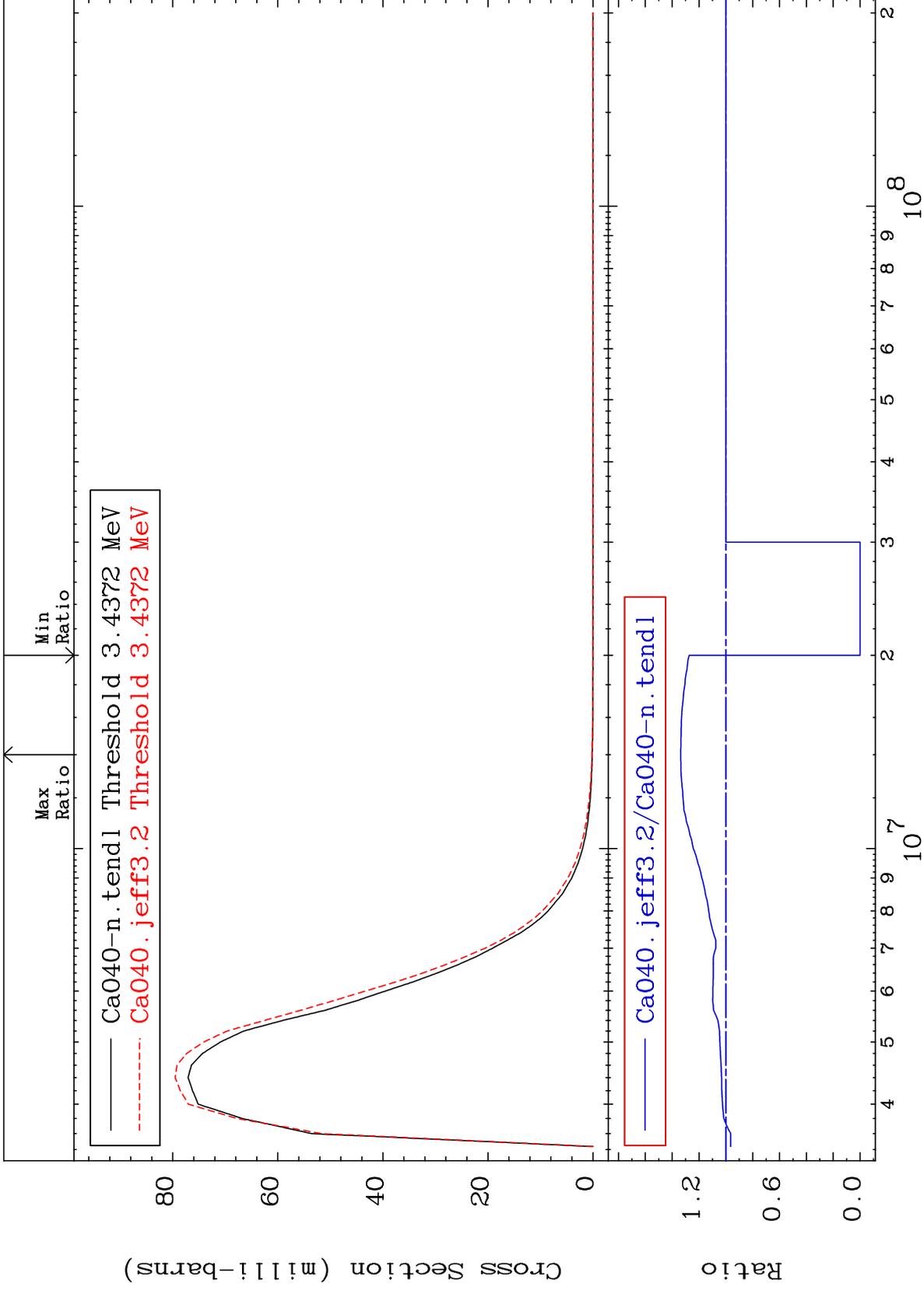
Incident Energy (eV)

20-Ca-40

MAT 2025

3.353 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 33.59 %



11

Incident Energy (eV)

20-Ca-40

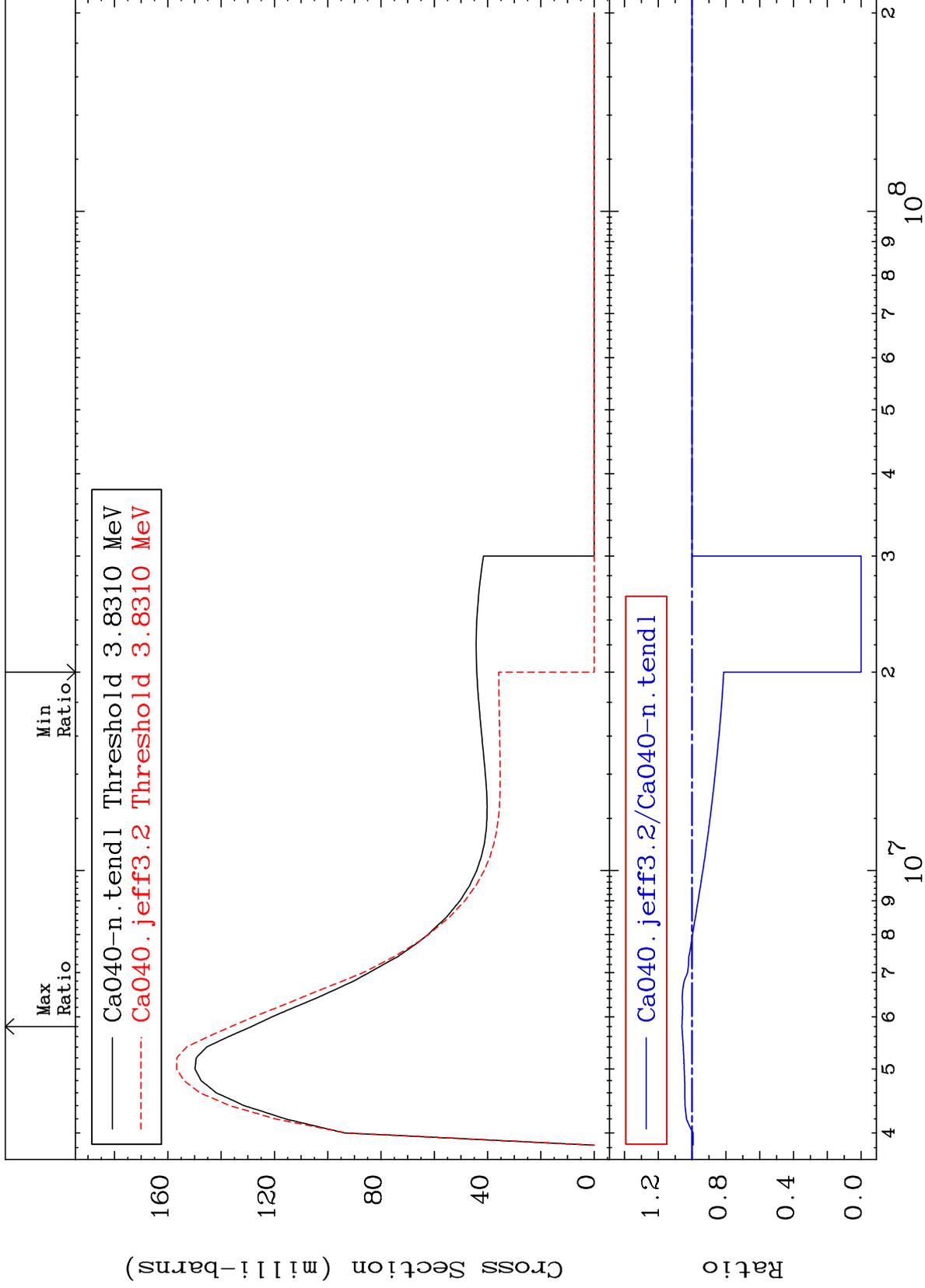
MAT 2025

3.737 MeV (n,n') Level

20-Ca-40

-100.0 To 5.977 %

Cross Section



12

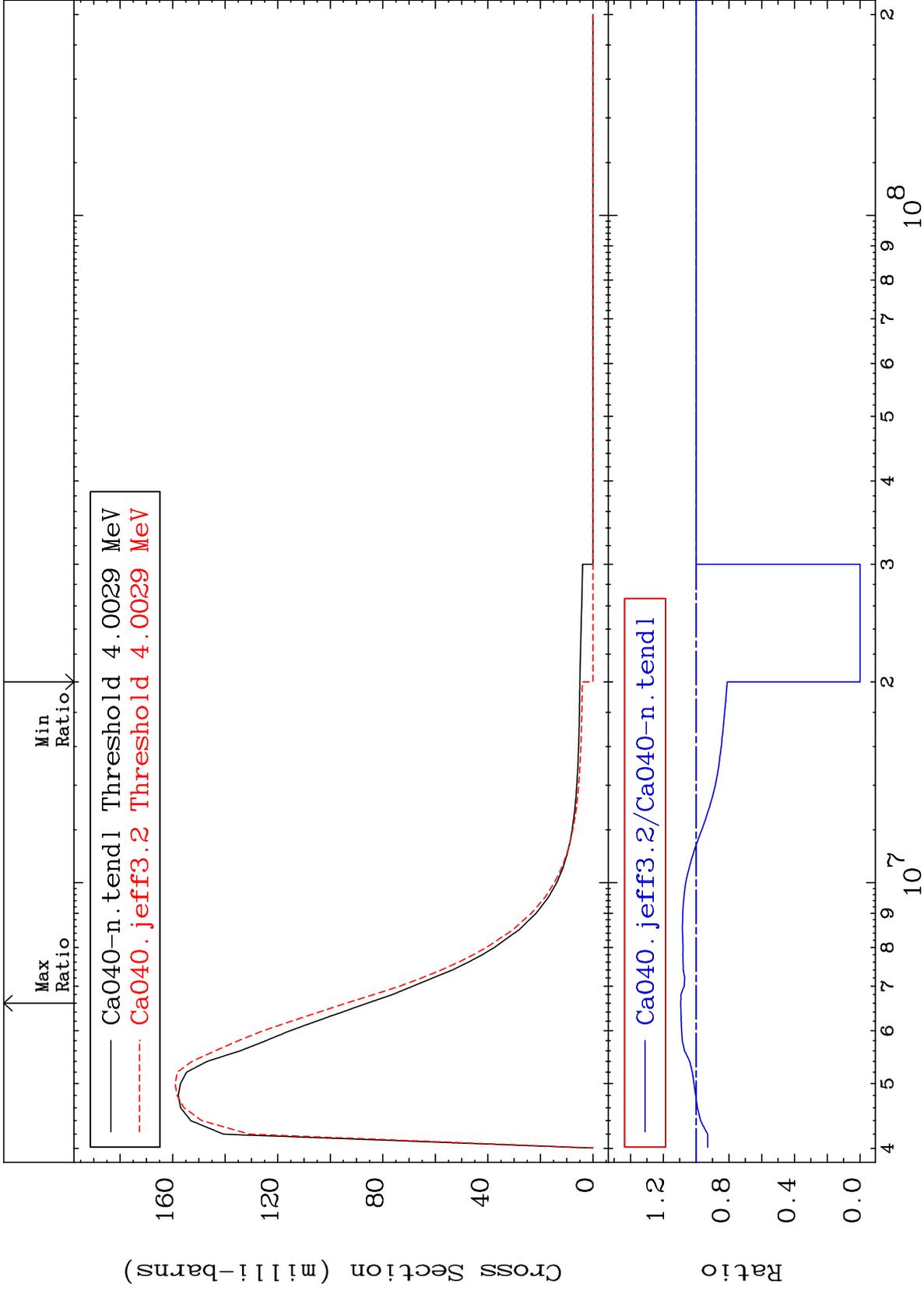
Incident Energy (eV)

20-Ca-40

MAT 2025

3.904 MeV (n,n') Level  
Cross Section

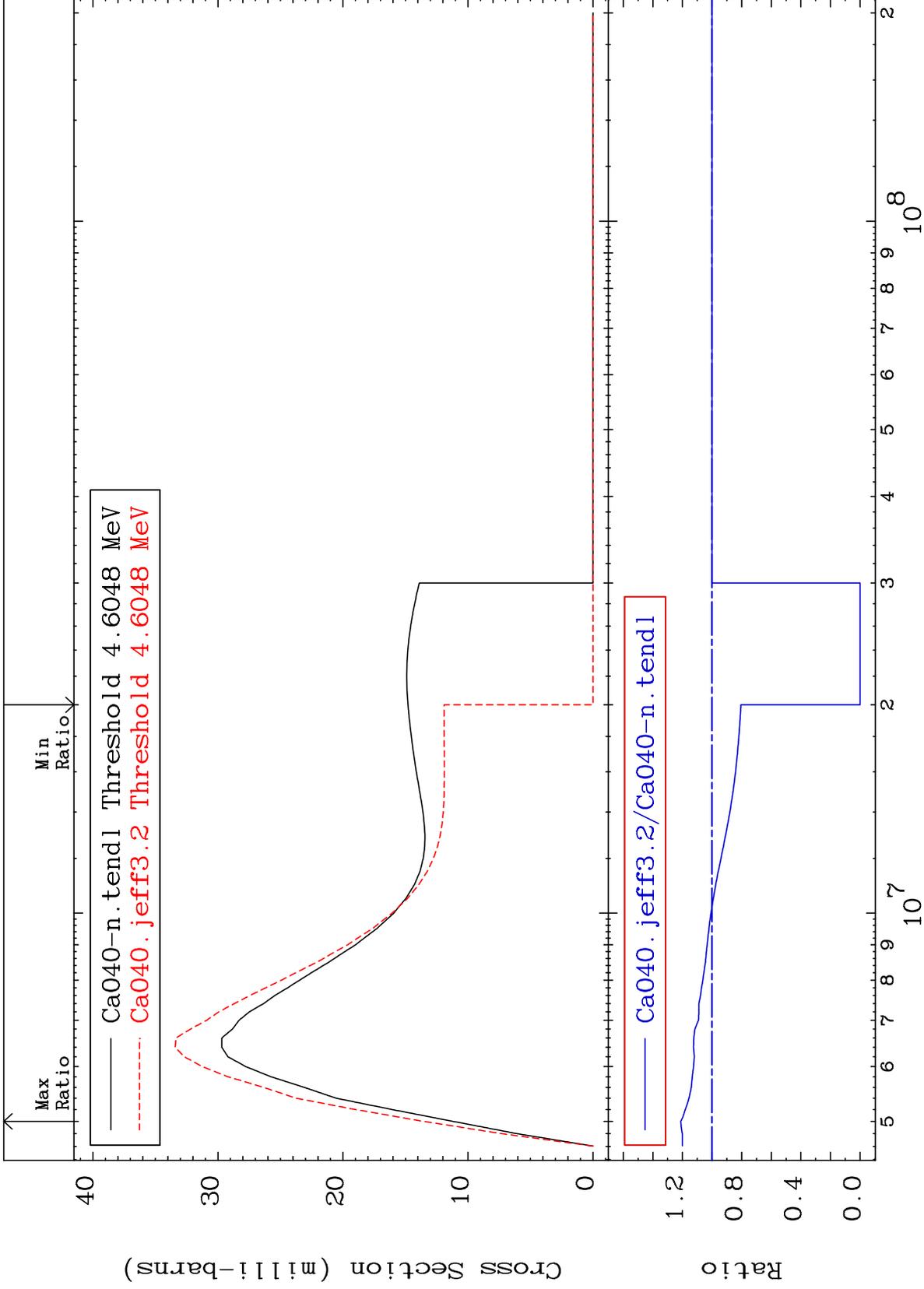
20-Ca-40  
-100.0 To 9.358 %



MAT 2025

4.491 MeV (n,n') Level  
Cross Section

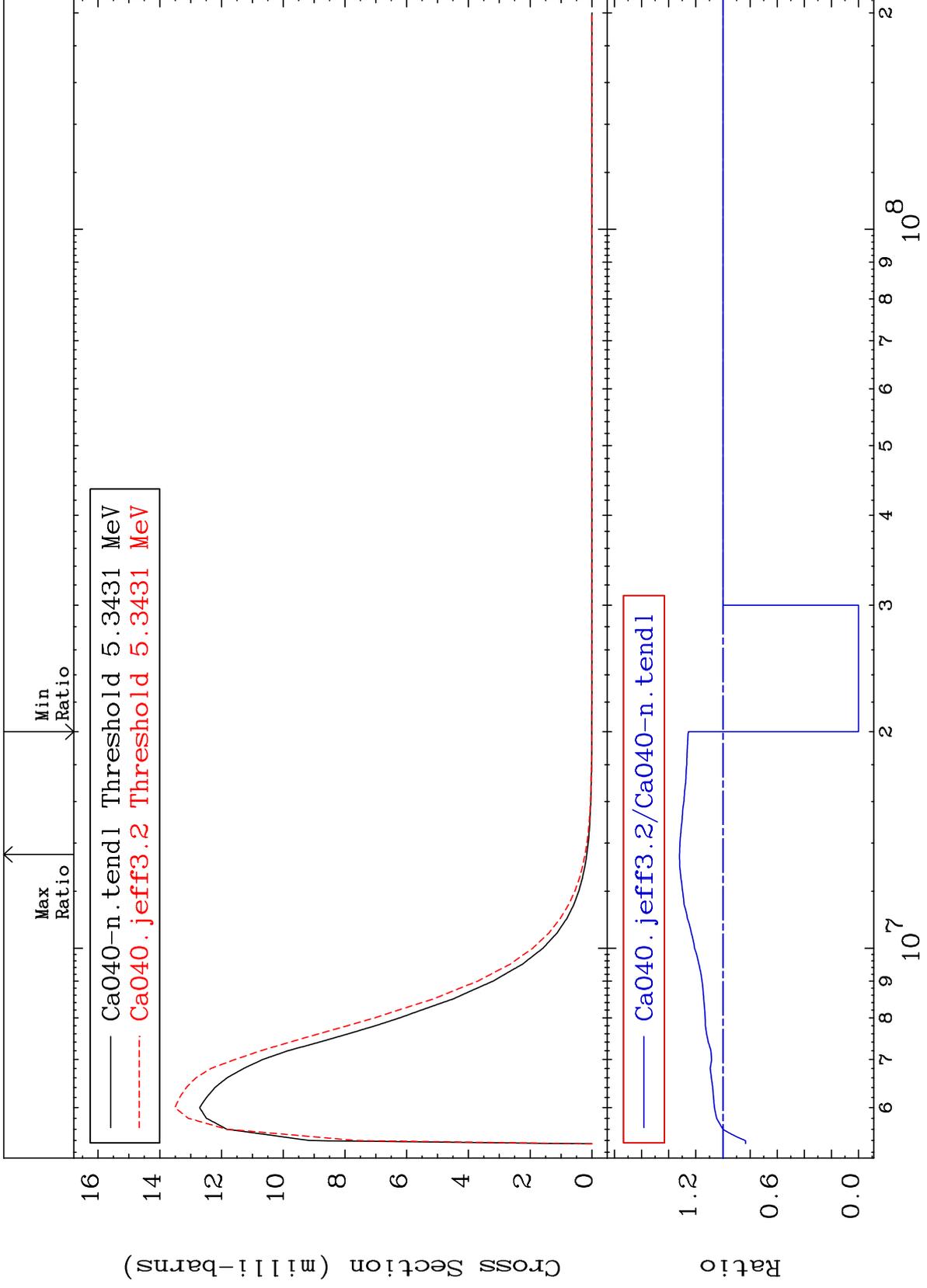
20-Ca-40  
-100.0 To 21.15 %



MAT 2025

5.212 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 32.03 %

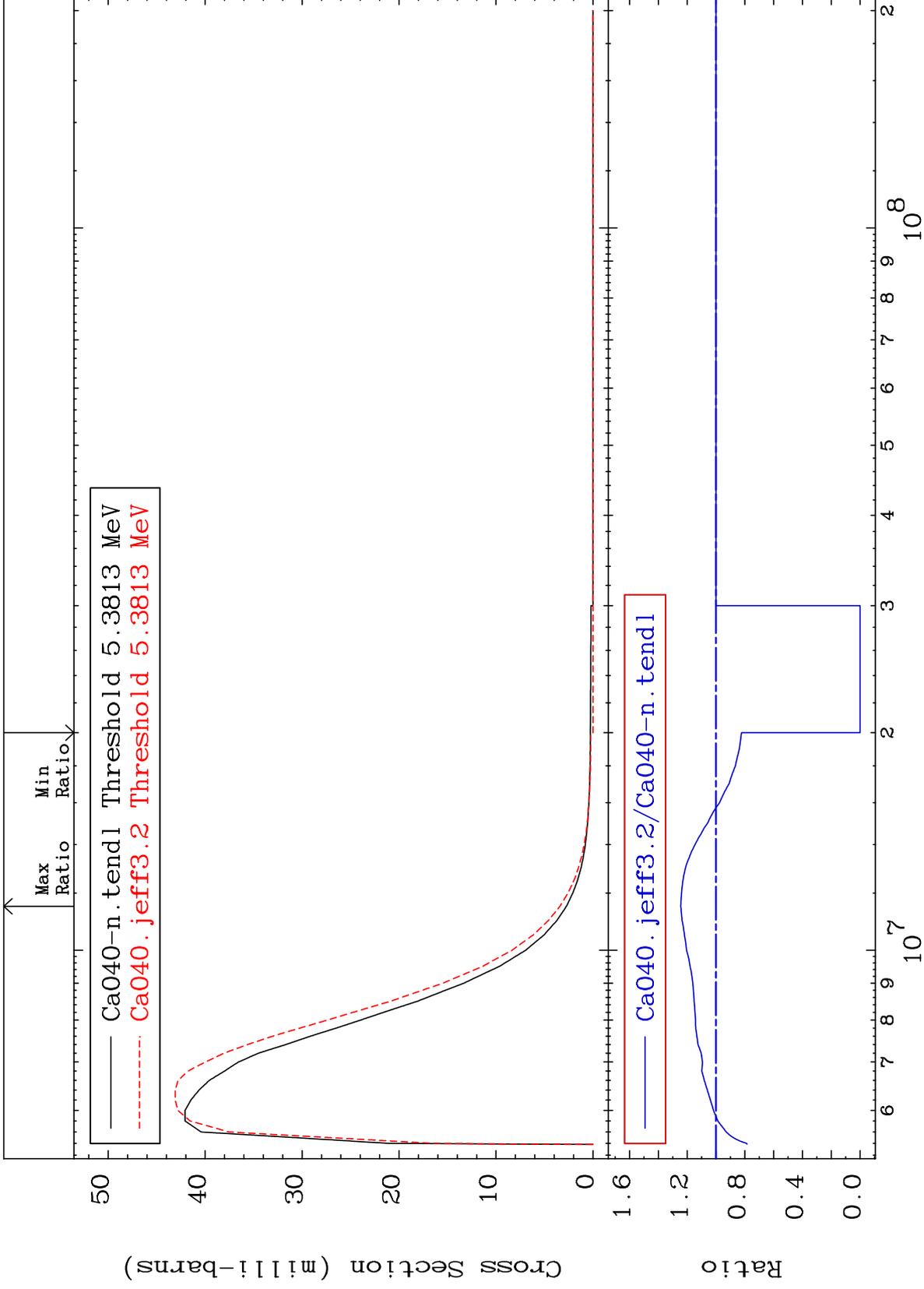


15

MAT 2025

5.249 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 24.47 %



16

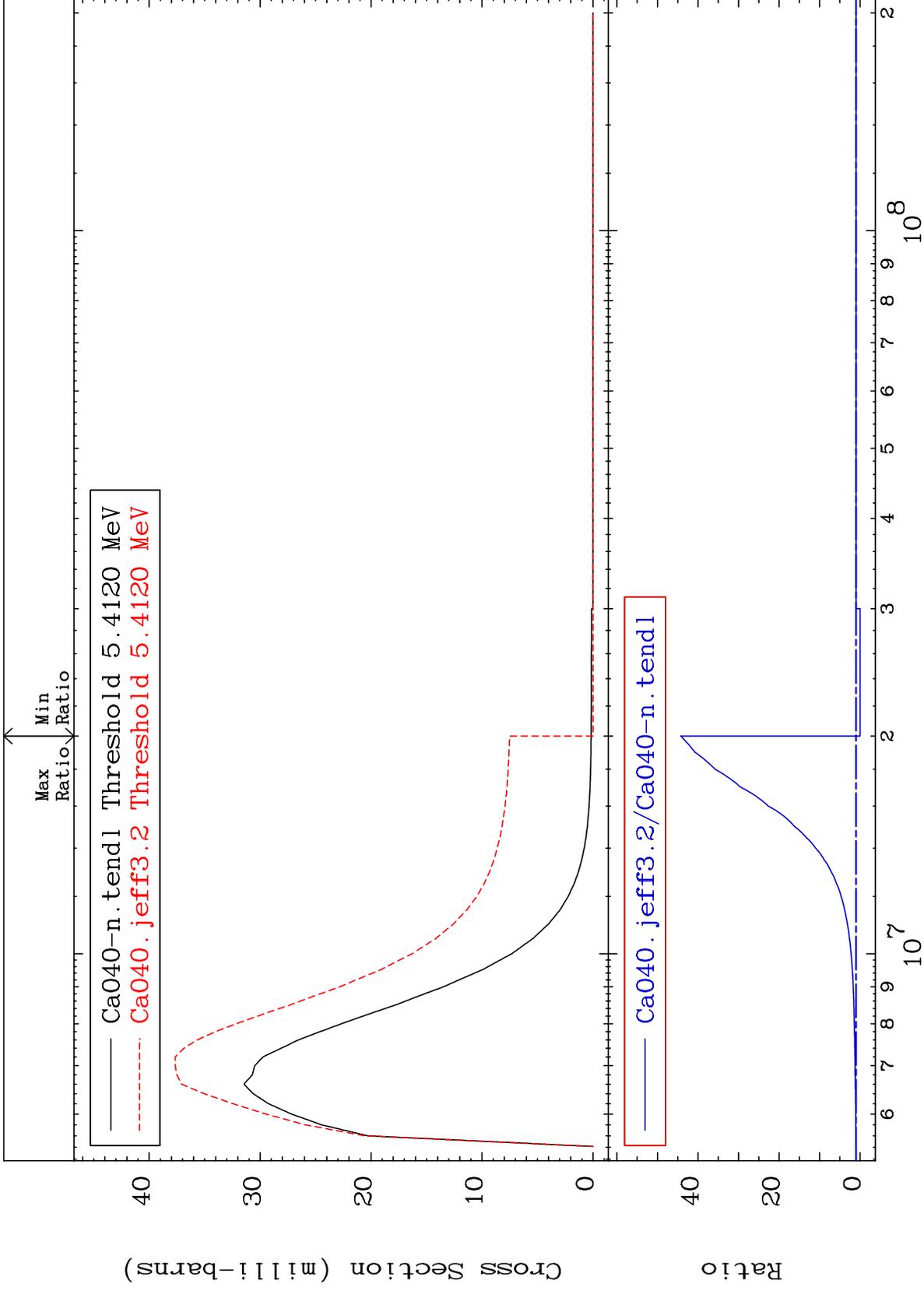
Incident Energy (eV)

20-Ca-40

MAT 2025

5.279 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 4325. %

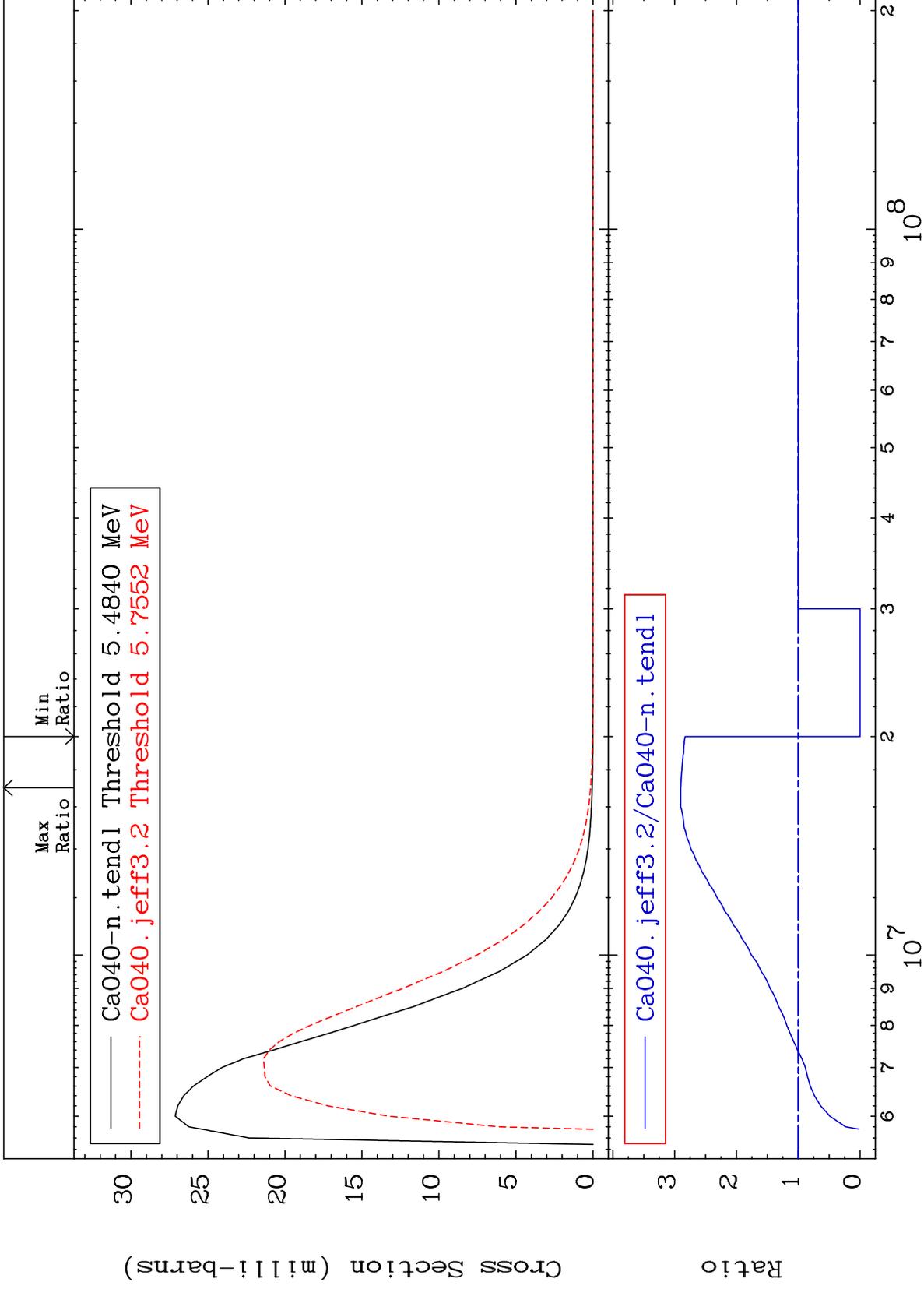


17

MAT 2025

5.349 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 190.1 %



18

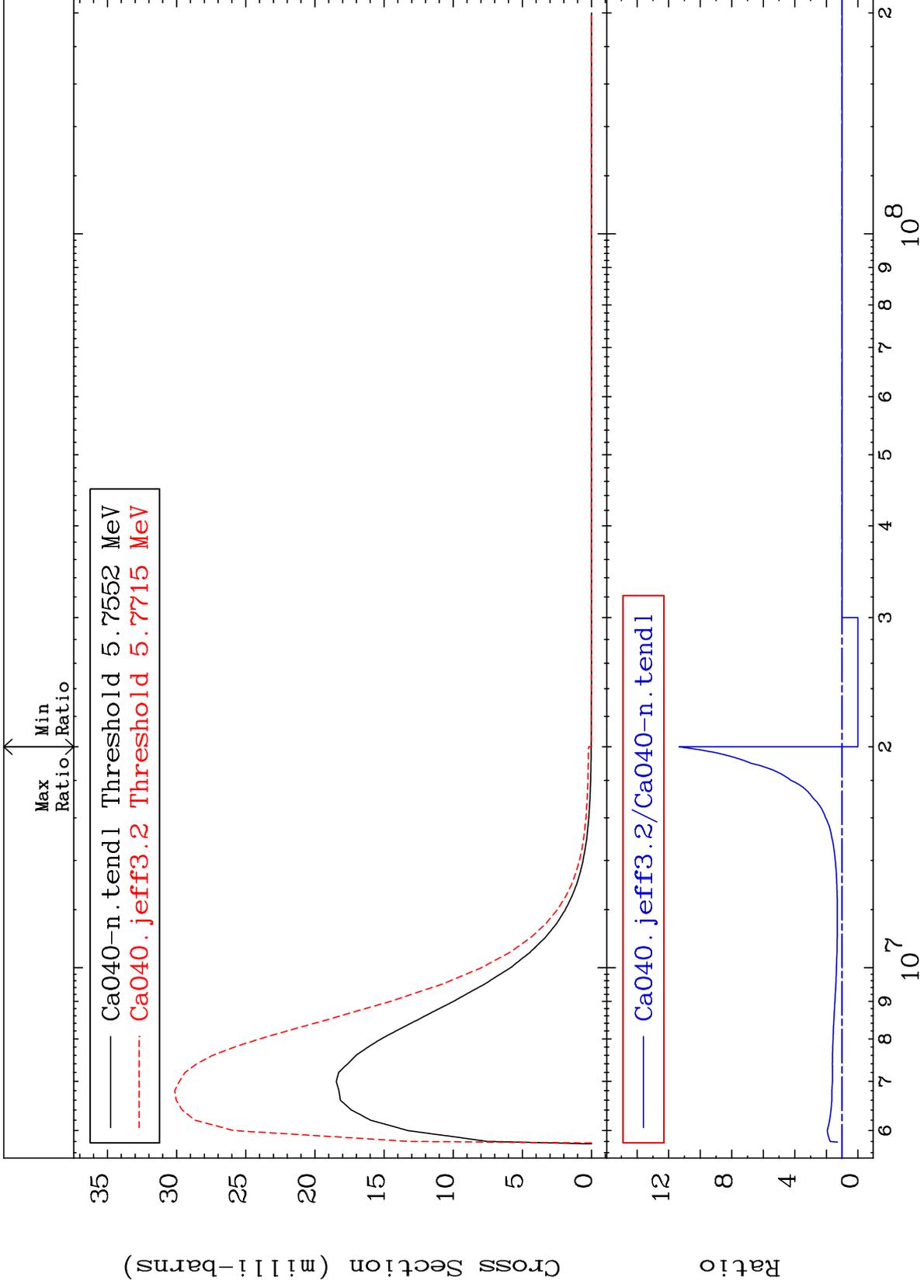
Incident Energy (eV)

20-Ca-40

MAT 2025

5.614 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 1034. %



19

Incident Energy (eV)

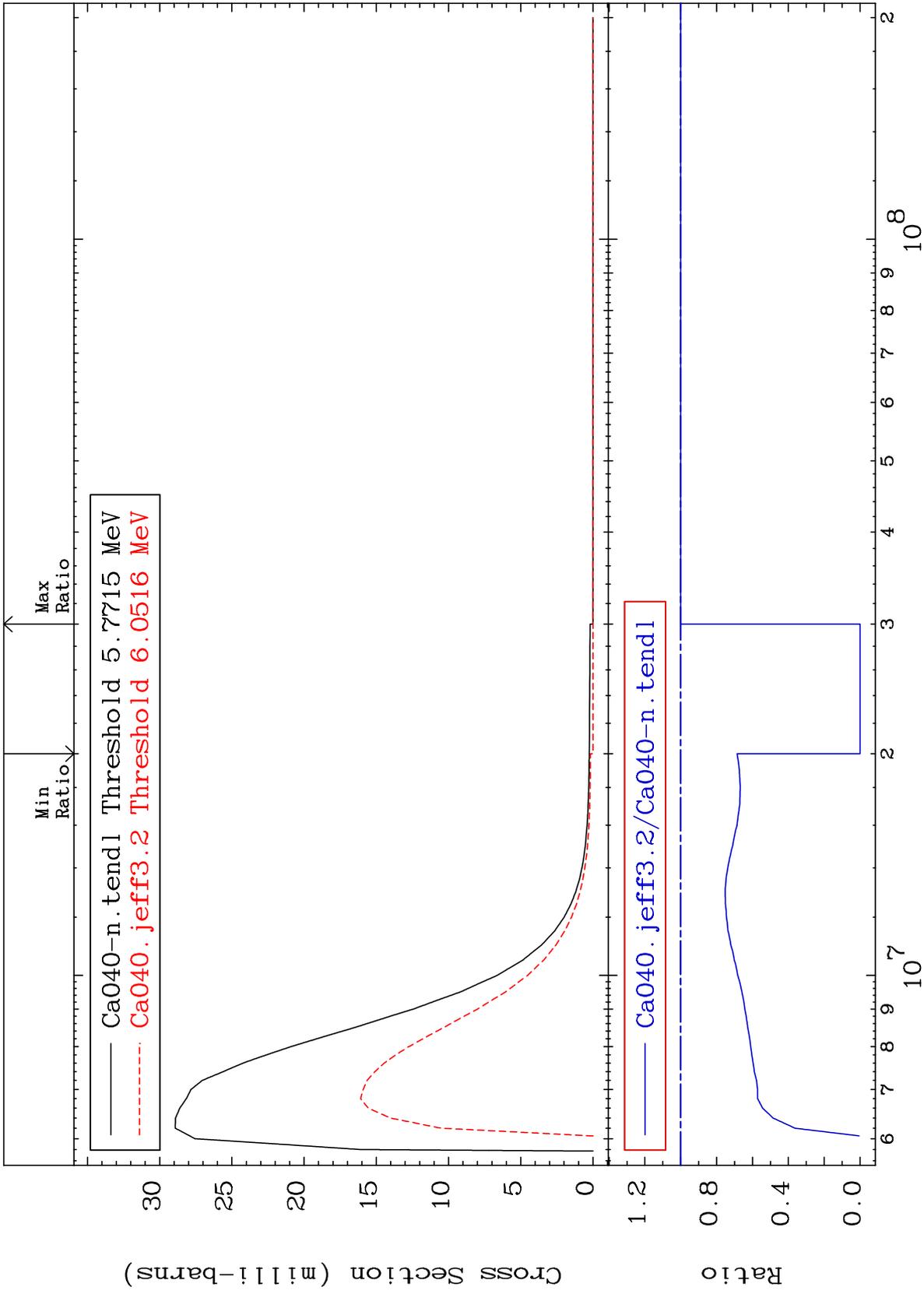
20-Ca-40

MAT 2025

5.629 MeV (n,n') Level

20-Ca-40

-100.0 To 0.000 %



20

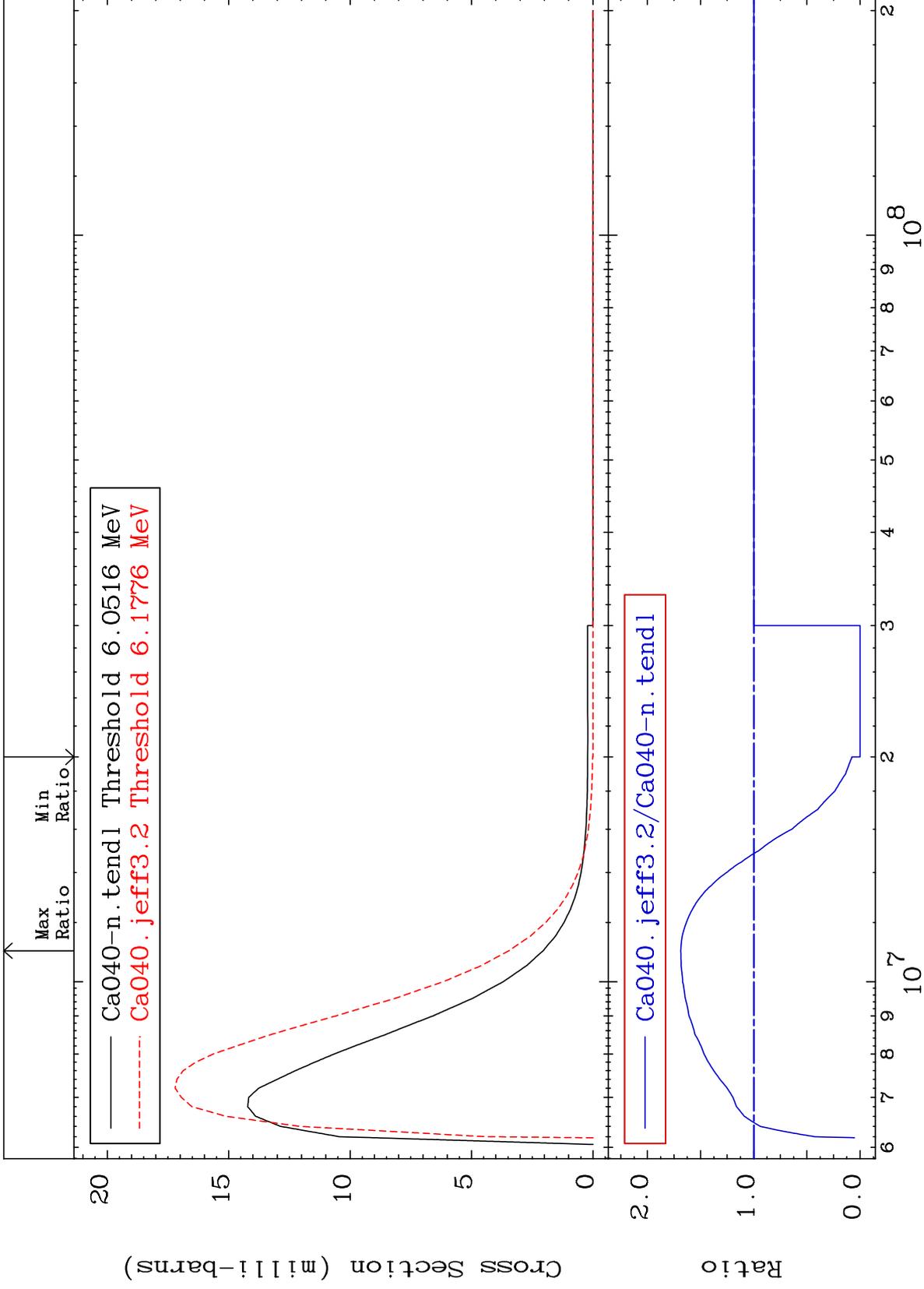
Incident Energy (eV)

20-Ca-40

MAT 2025

5.903 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 68.61 %



21

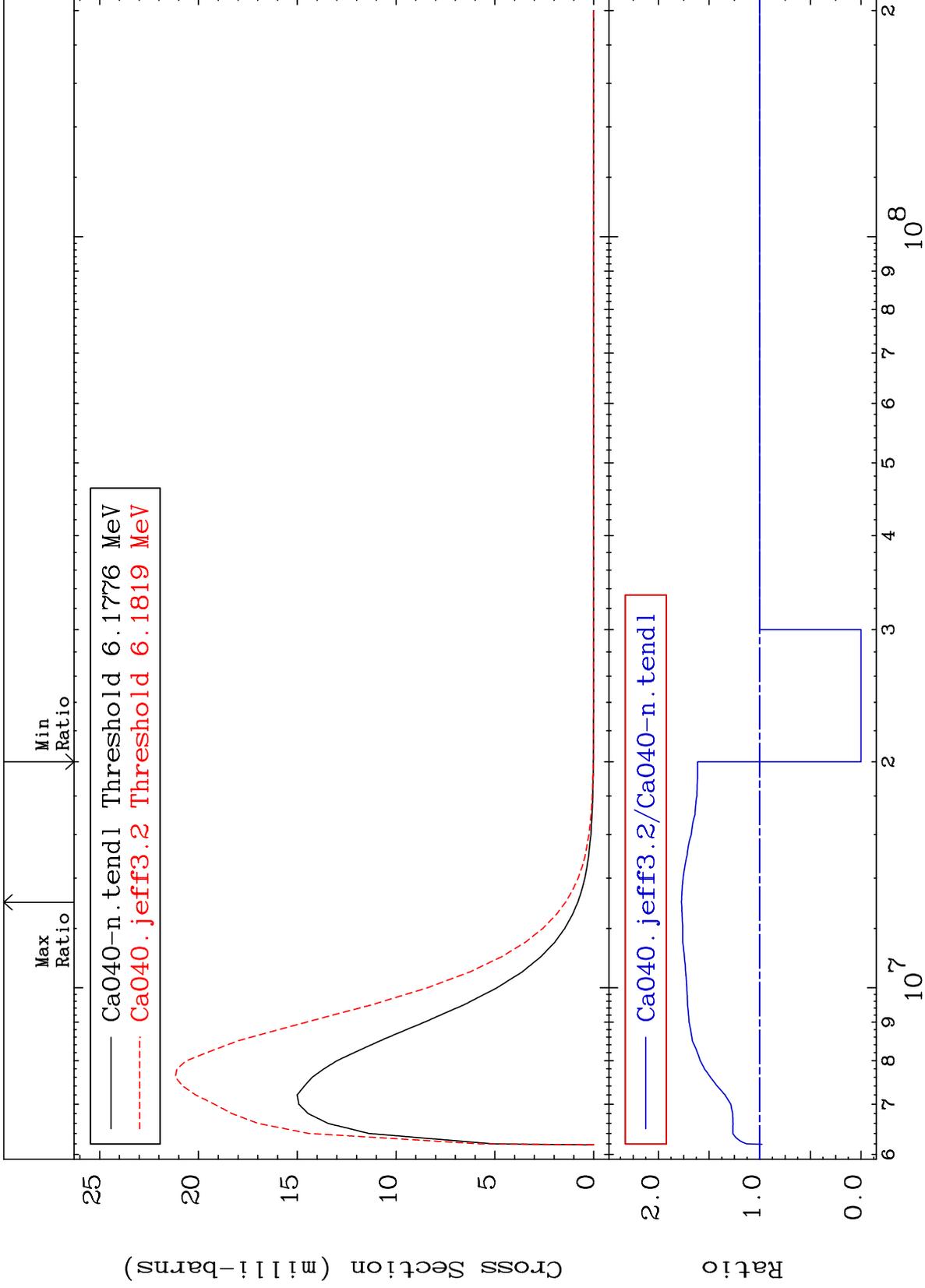
Incident Energy (eV)

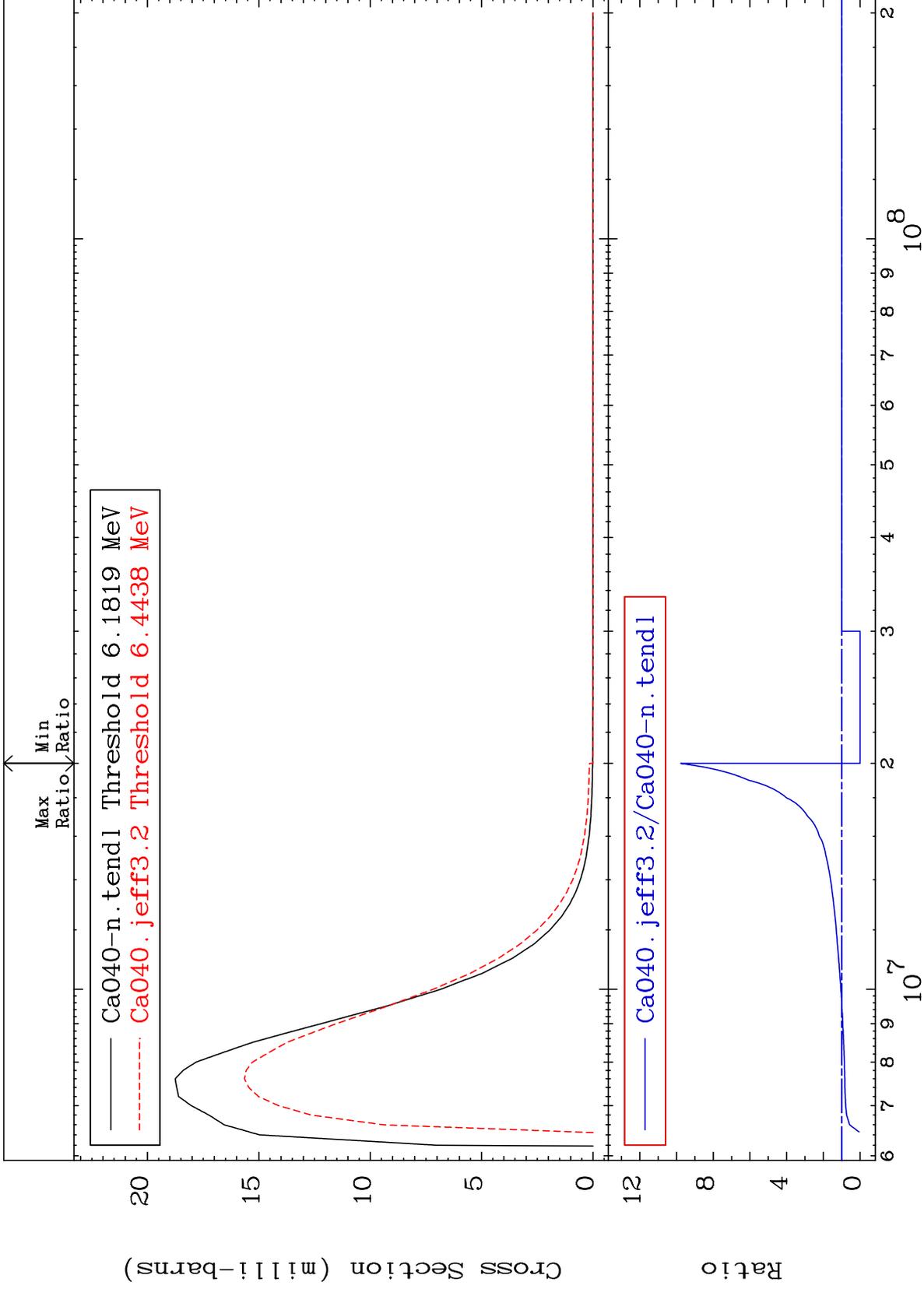
20-Ca-40

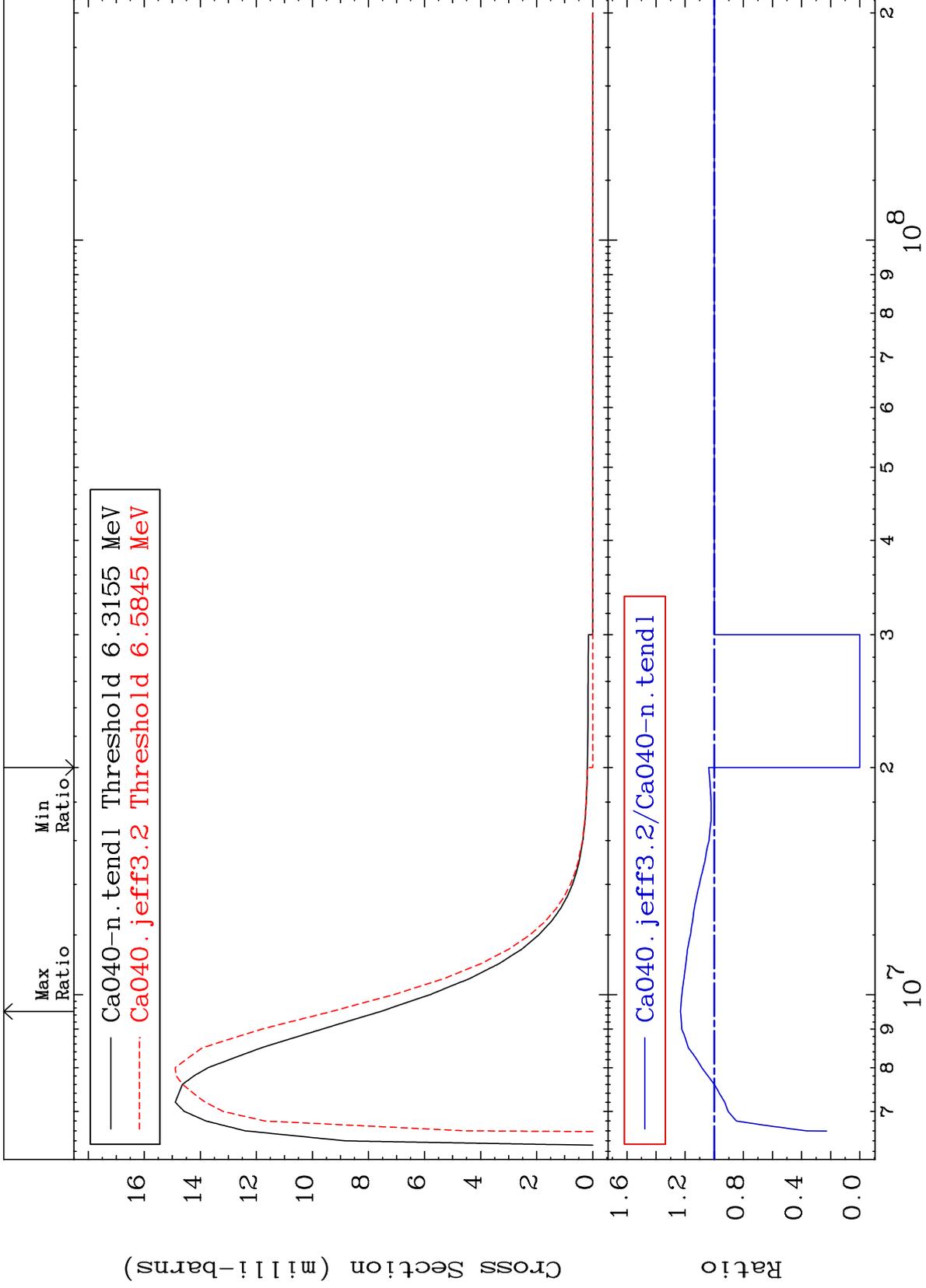
MAT 2025

6.025 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 77.20 %



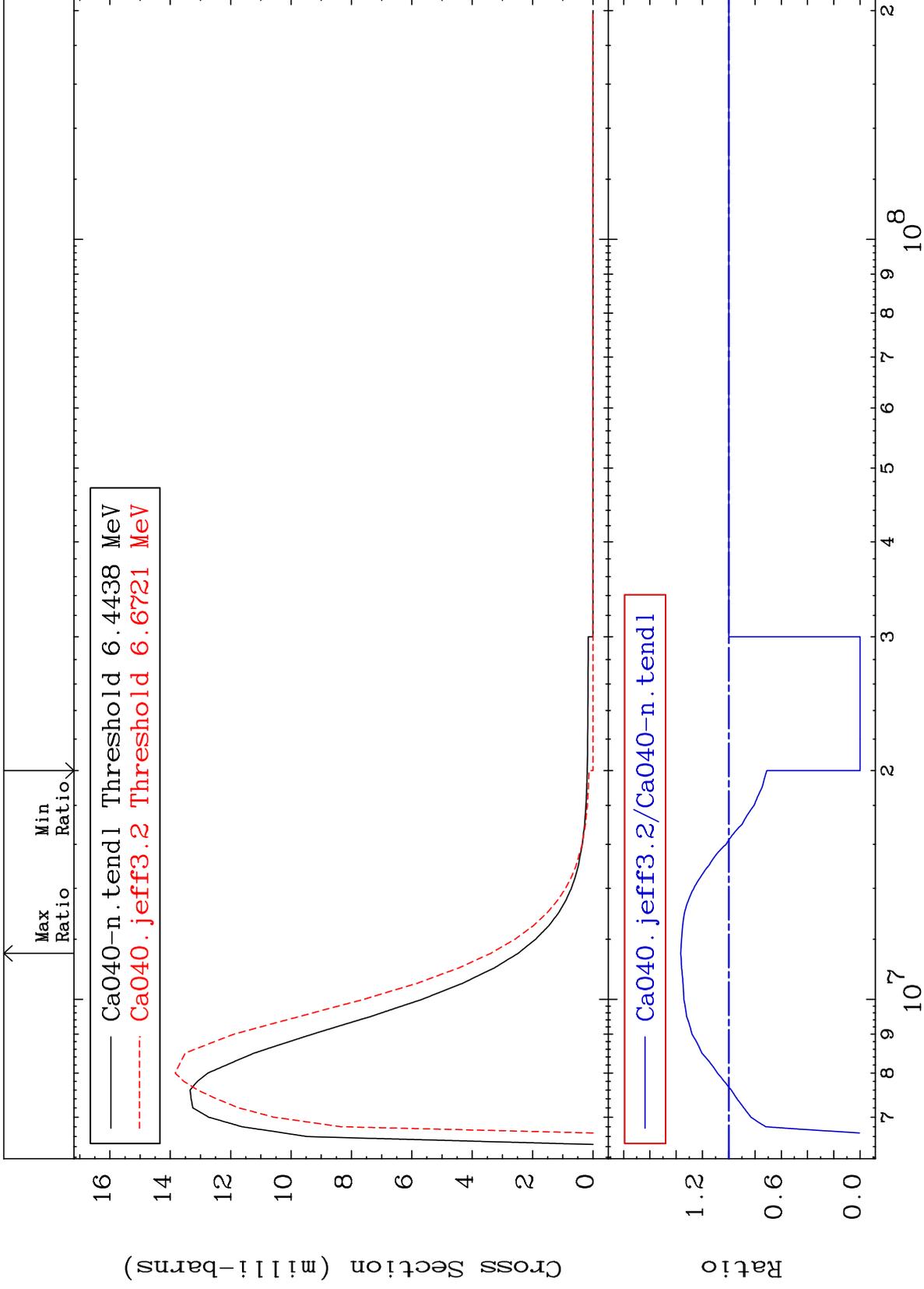




MAT 2025

6.285 MeV (n,n') Level  
Cross Section

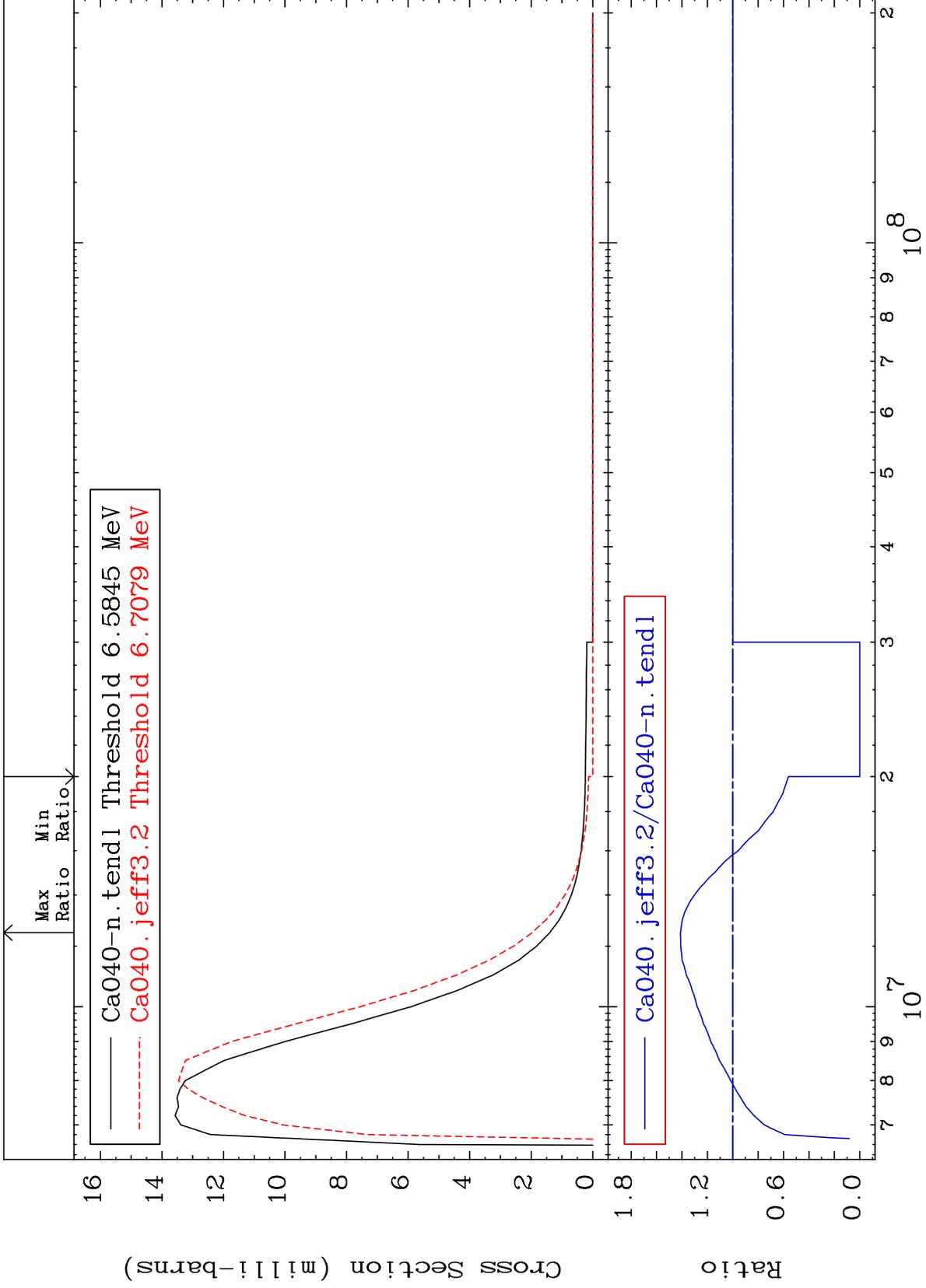
20-Ca-40  
-100.0 To 36.51 %



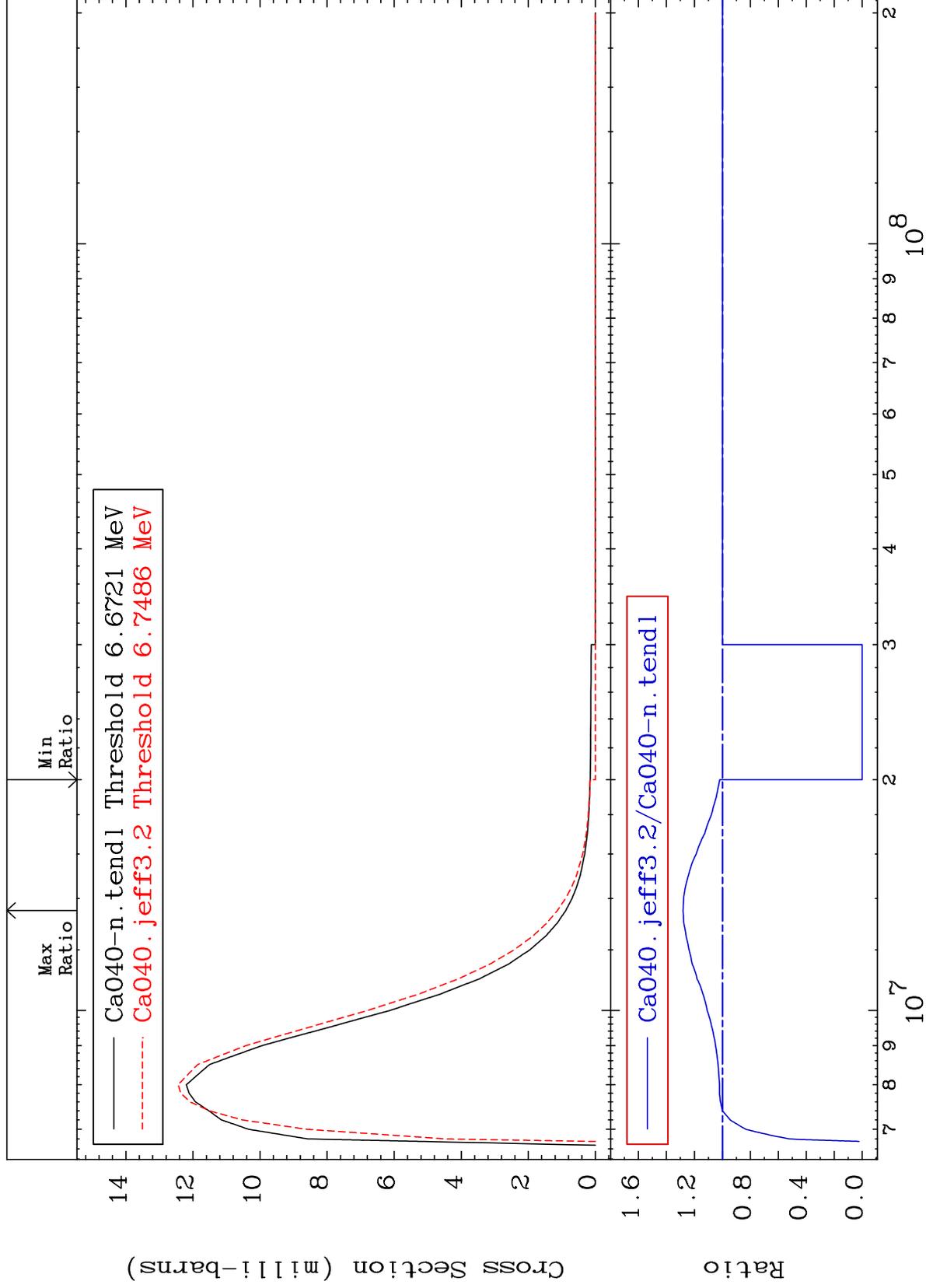
MAT 2025

6.422 MeV (n,n') Level  
Cross Section

20-Ca-40  
-100.0 To 41.14 %



-100.0 To 28.10 %



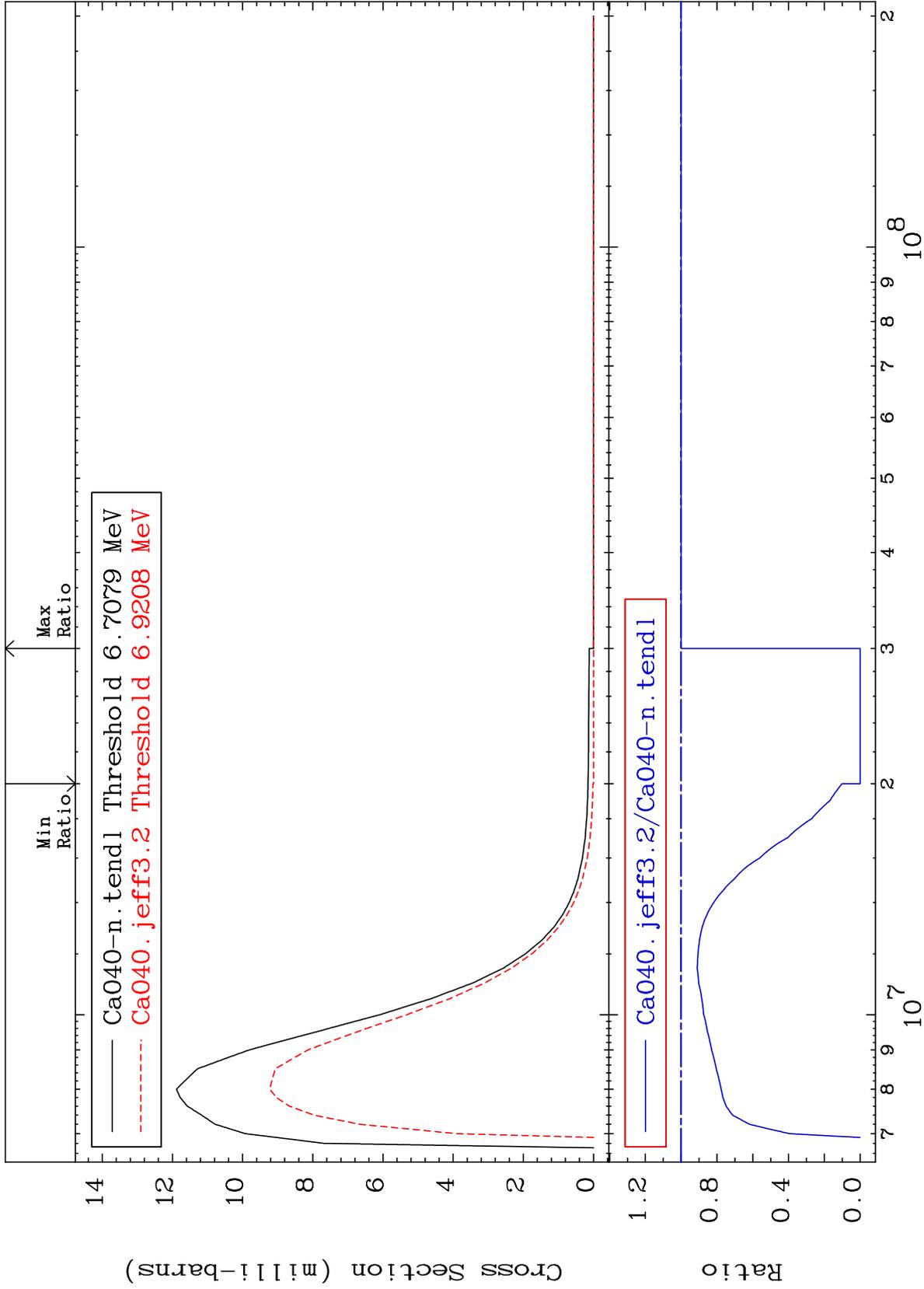
MAT 2025

6.543 MeV (n,n') Level

20-Ca-40

-100.0 To 0.000 %

Cross Section



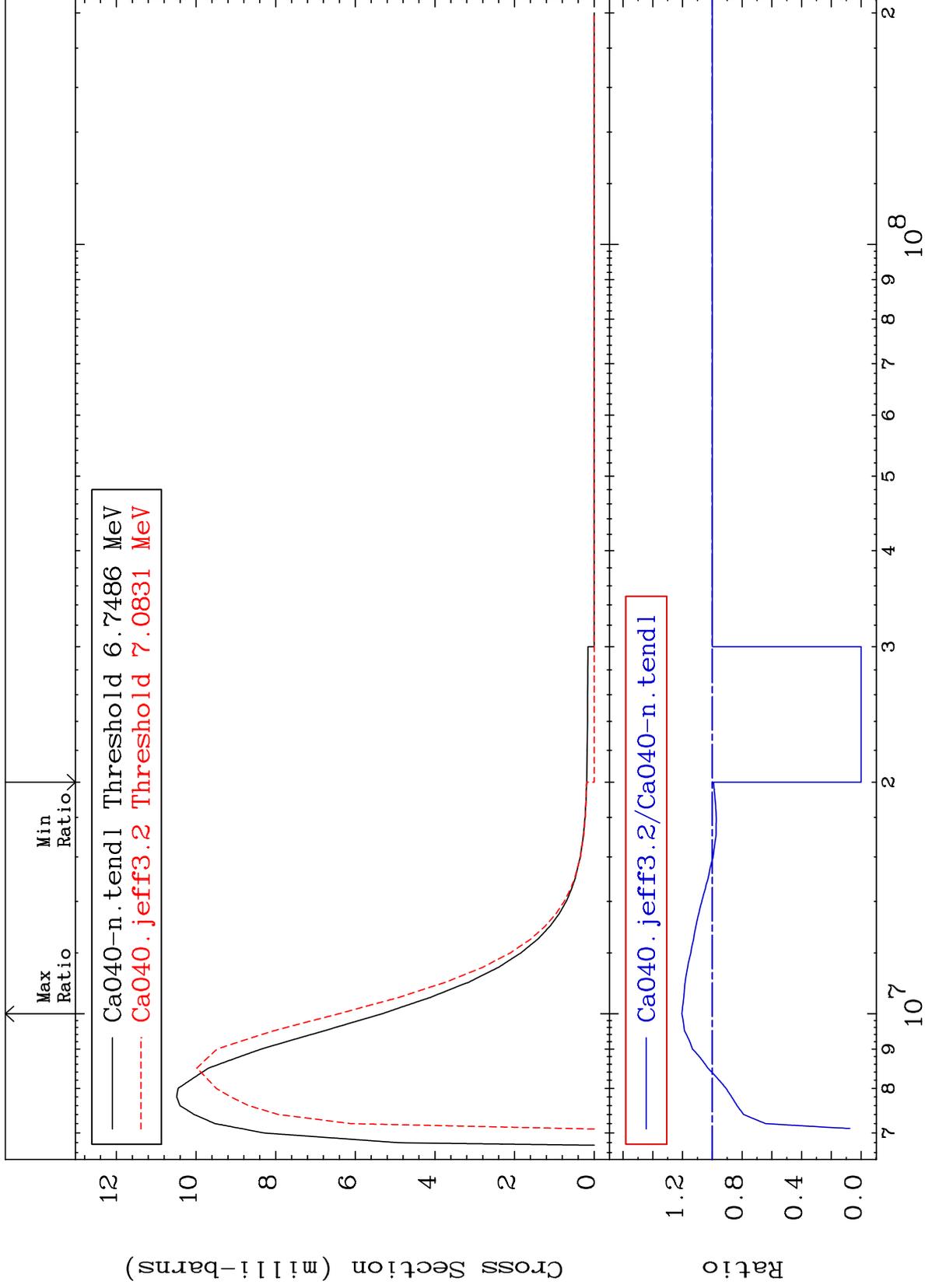
MAT 2025

6.582 MeV (n,n') Level

20-Ca-40

Cross Section

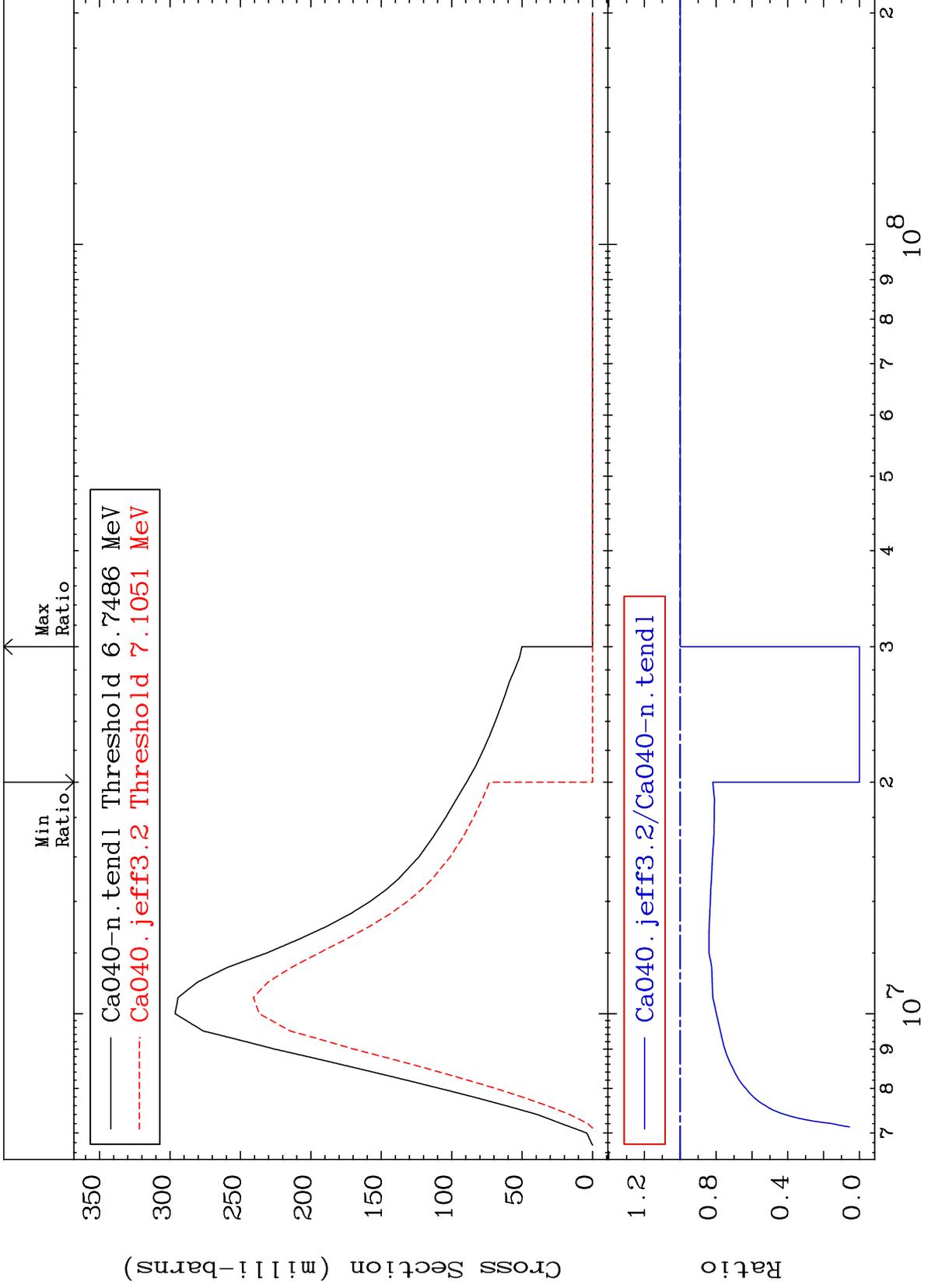
-100.0 To 20.46 %



MAT 2025

(n, n') Continuum  
Cross Section

20-Ca-40  
-100.0 To 0.000 %

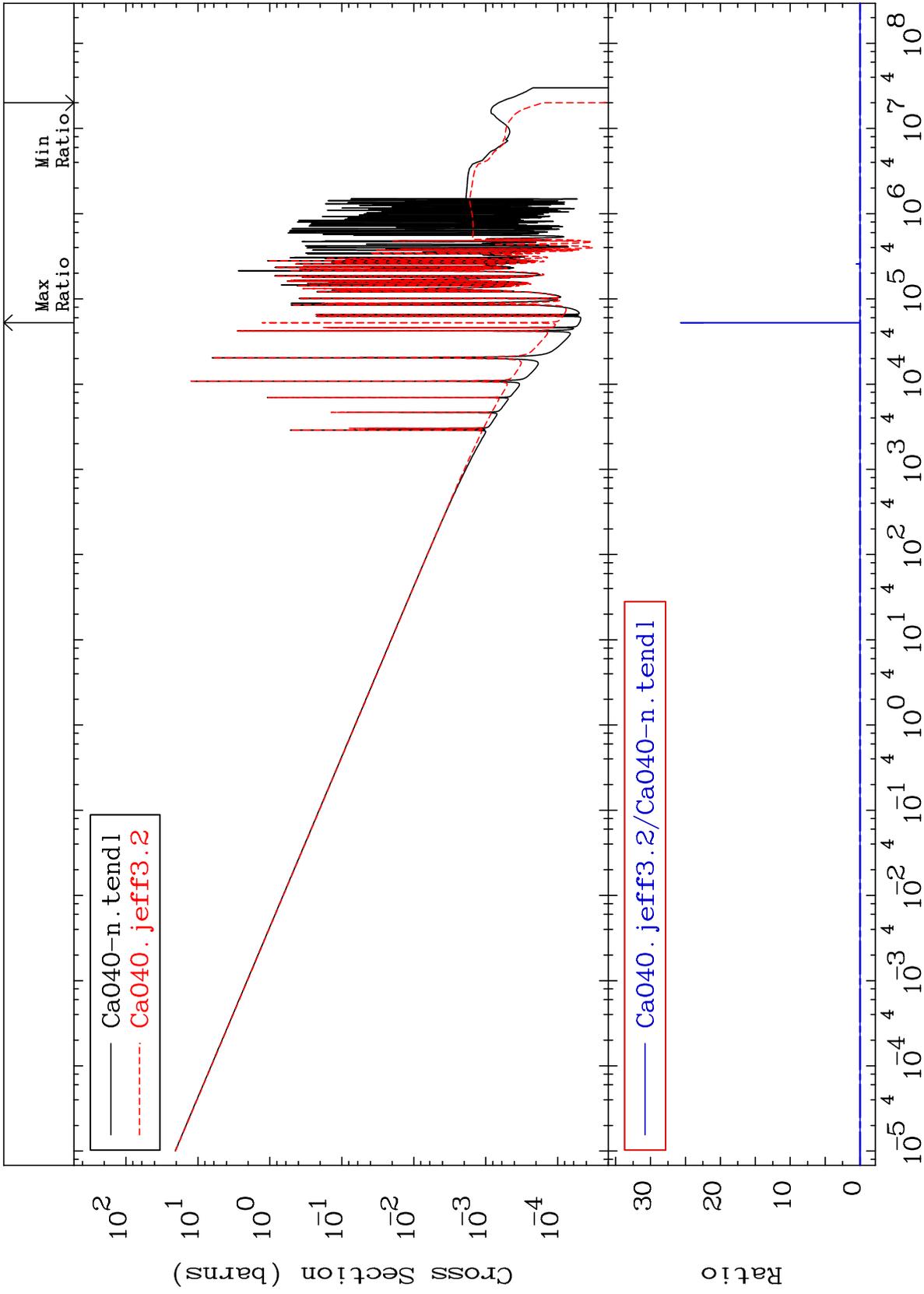


30

MAT 2025

(n,  $\gamma$ )  
Cross Section

20-Ca-40  
-100.0 To 9999. %



31

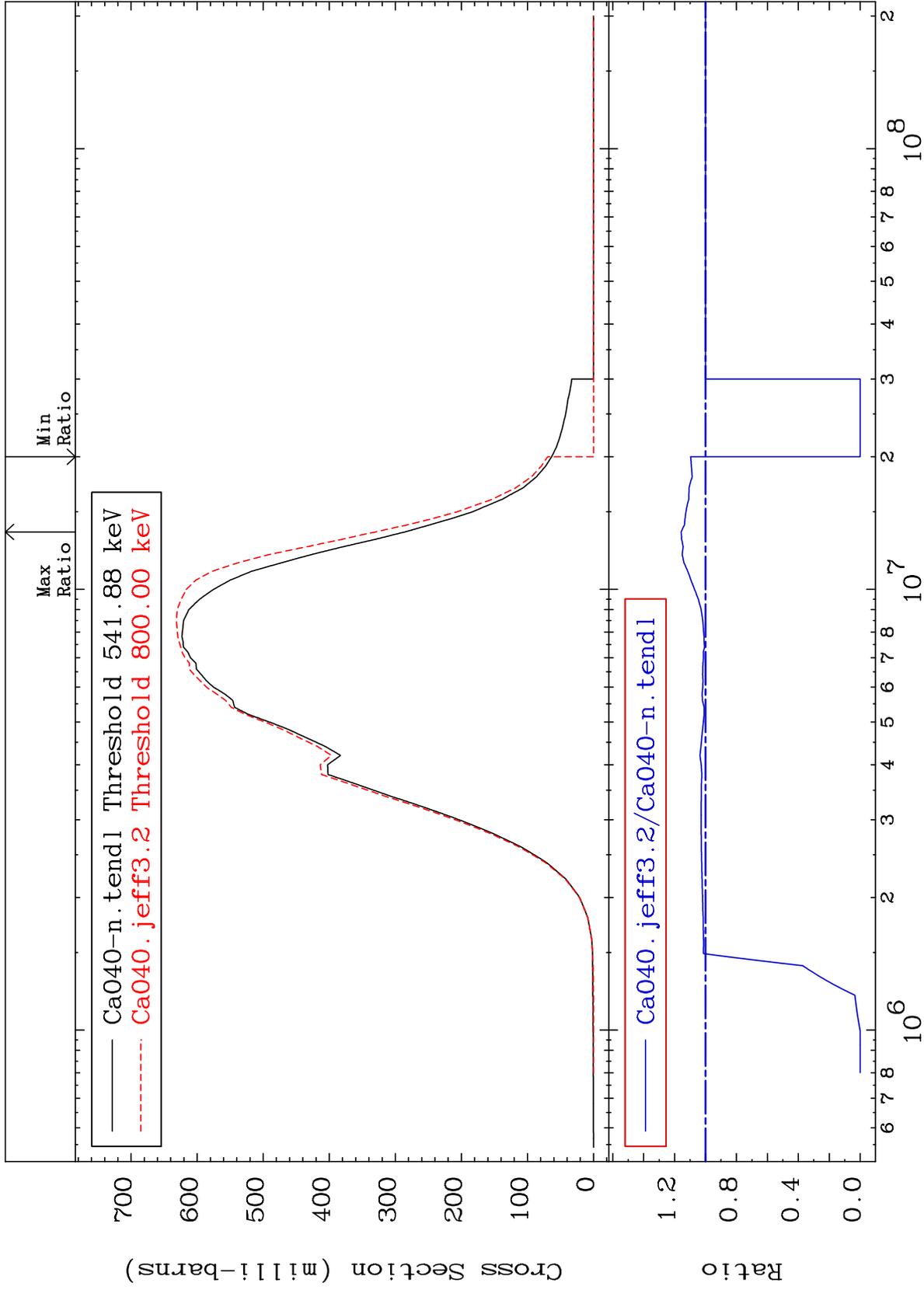
20-Ca-40

MAT 2025

(n, p)  
Cross Section

20-Ca-40

-100.0 To 15.75 %



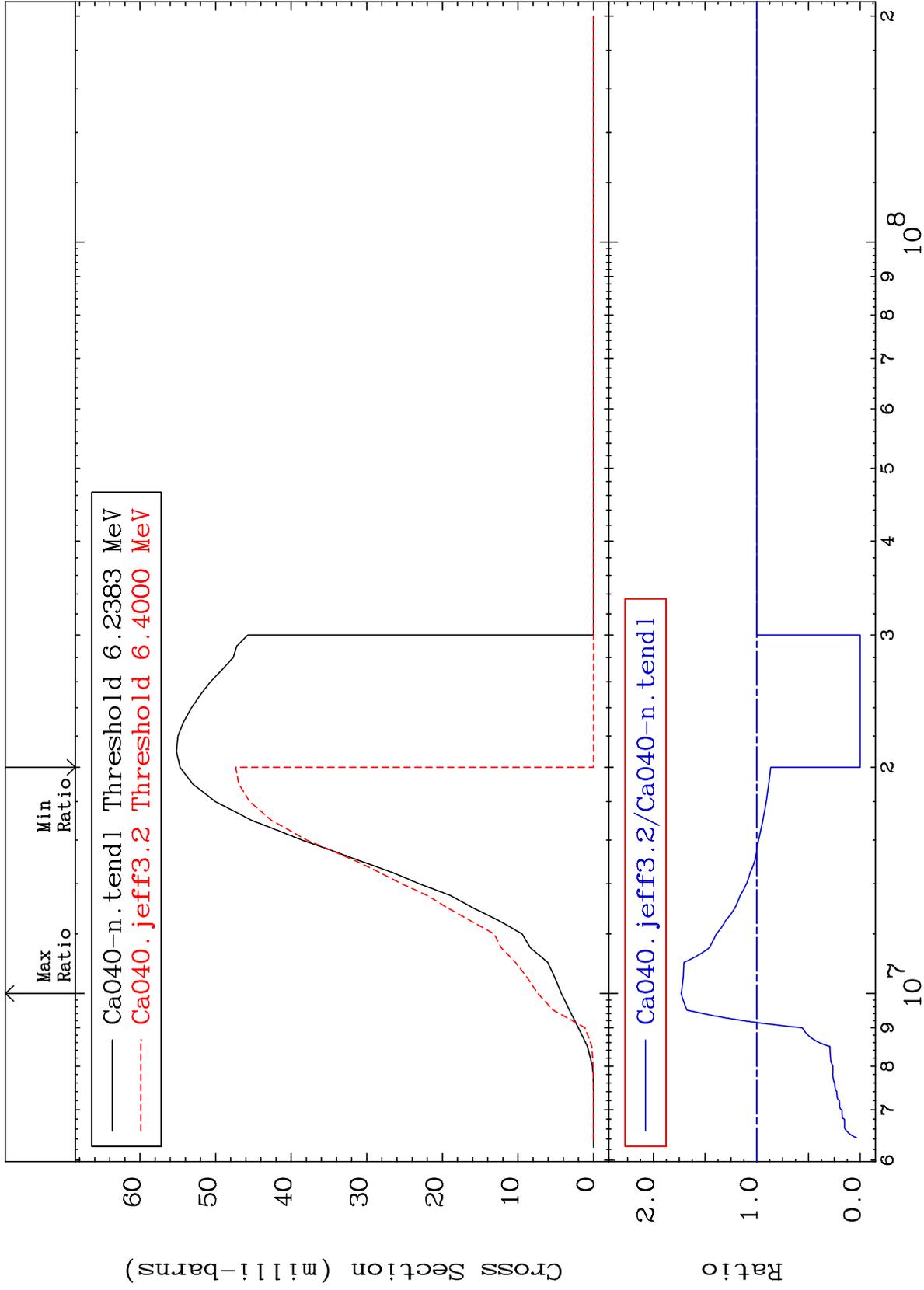
MAT 2025

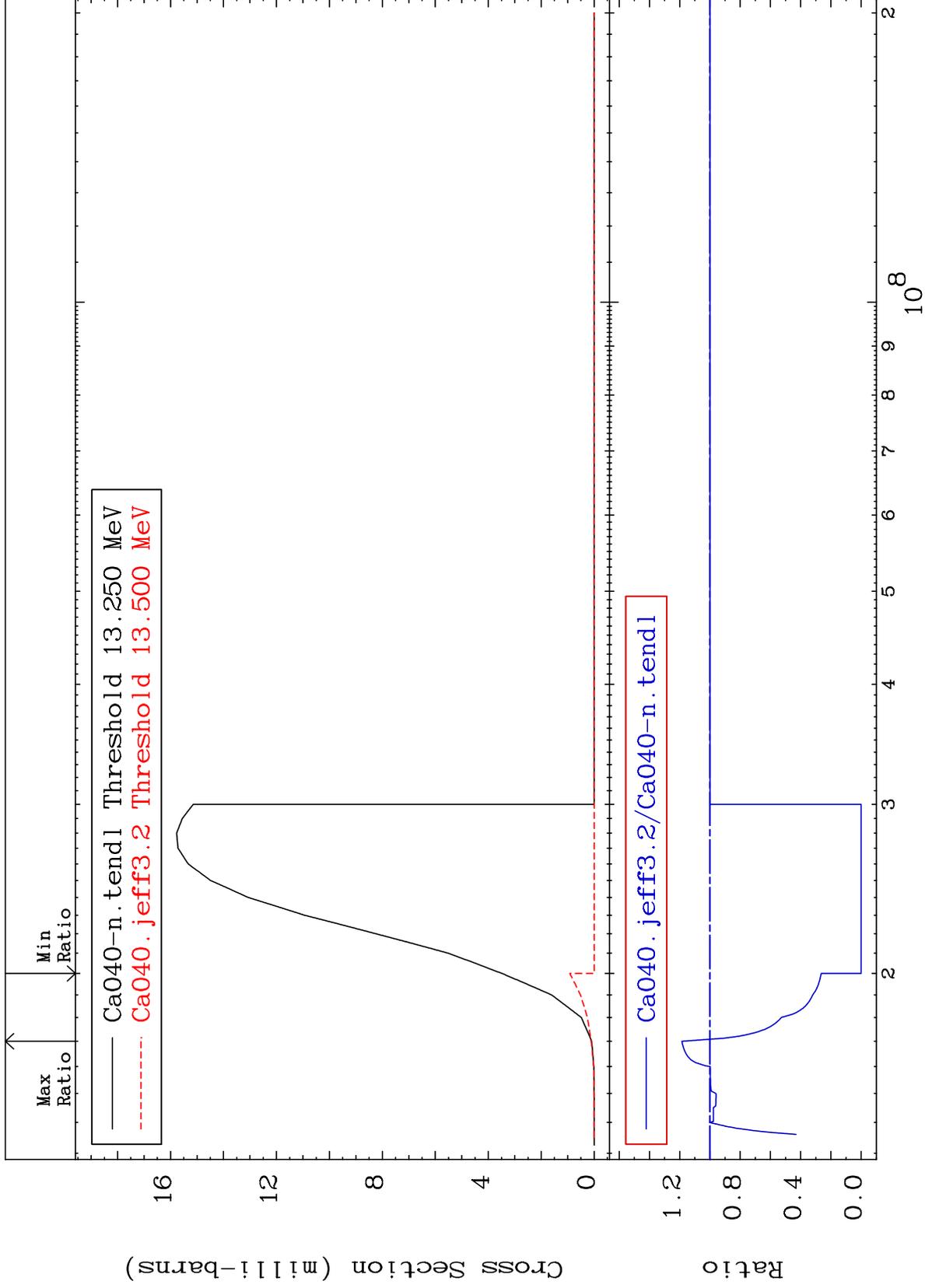
(n, d)

20-Ca-40

Cross Section

-100.0 To 73.19 %





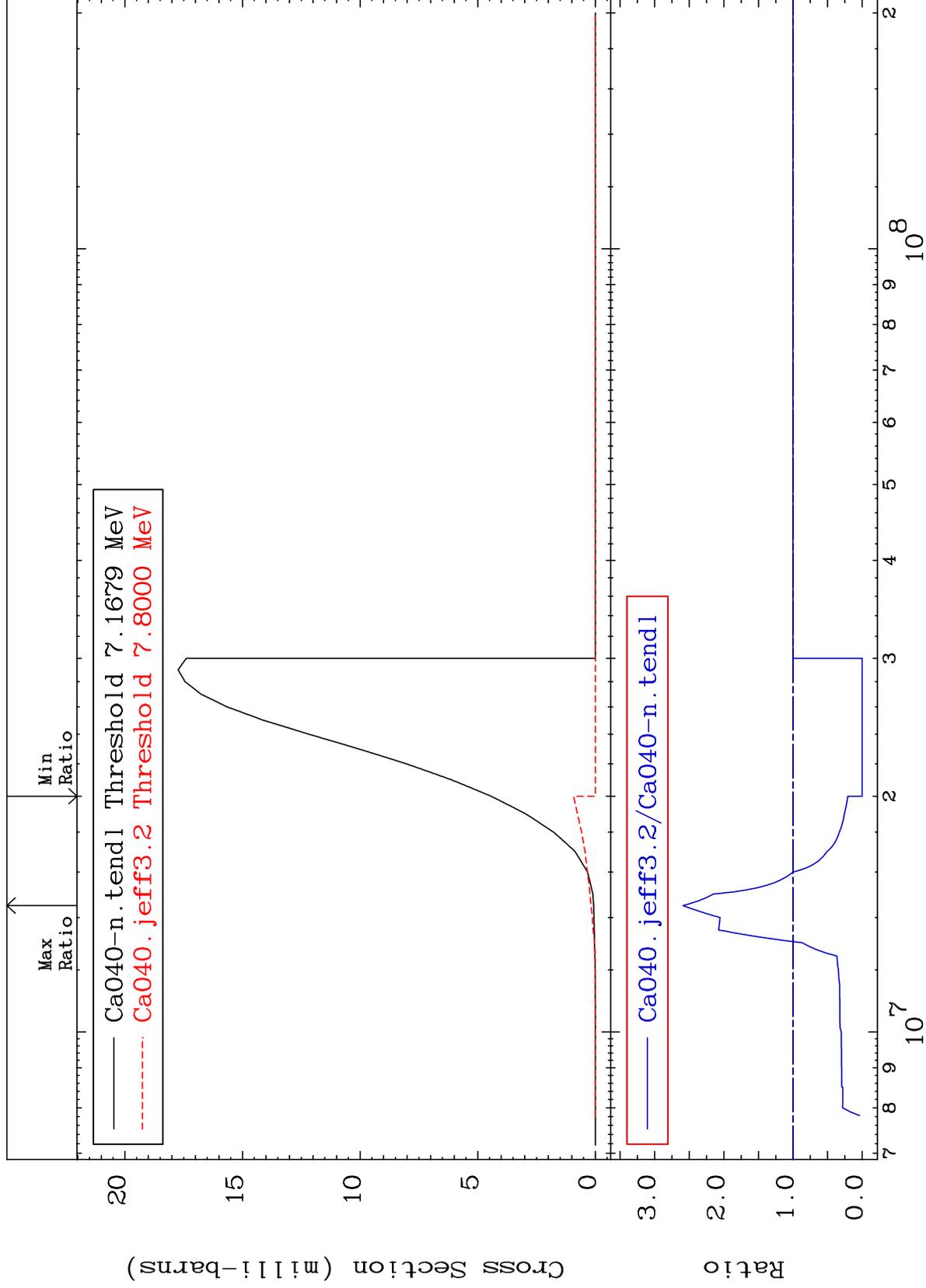
MAT 2025

(n, He-3)

20-Ca-40

Cross Section

-100.0 To 159.0 %



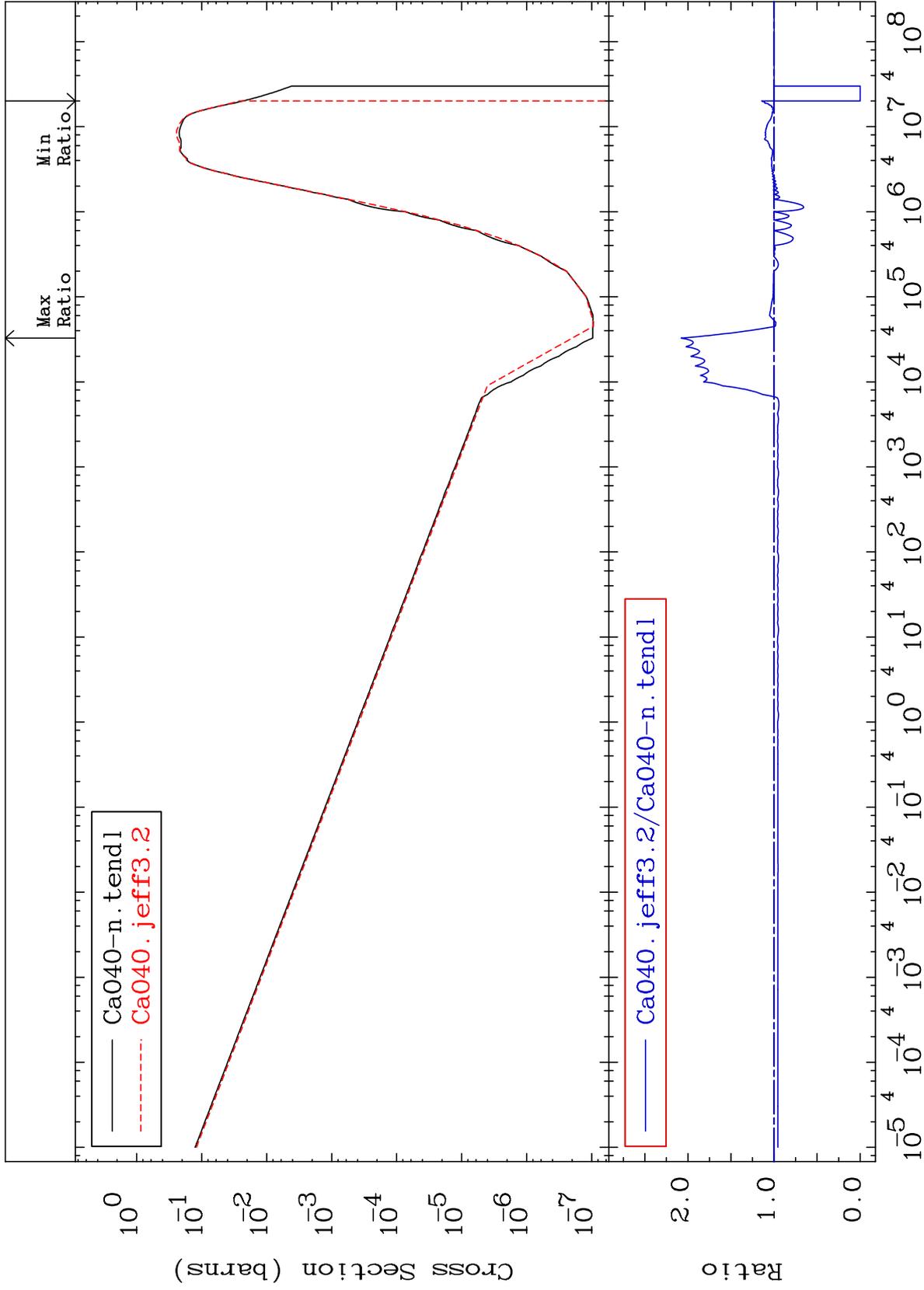
35

Incident Energy (eV)

20-Ca-40

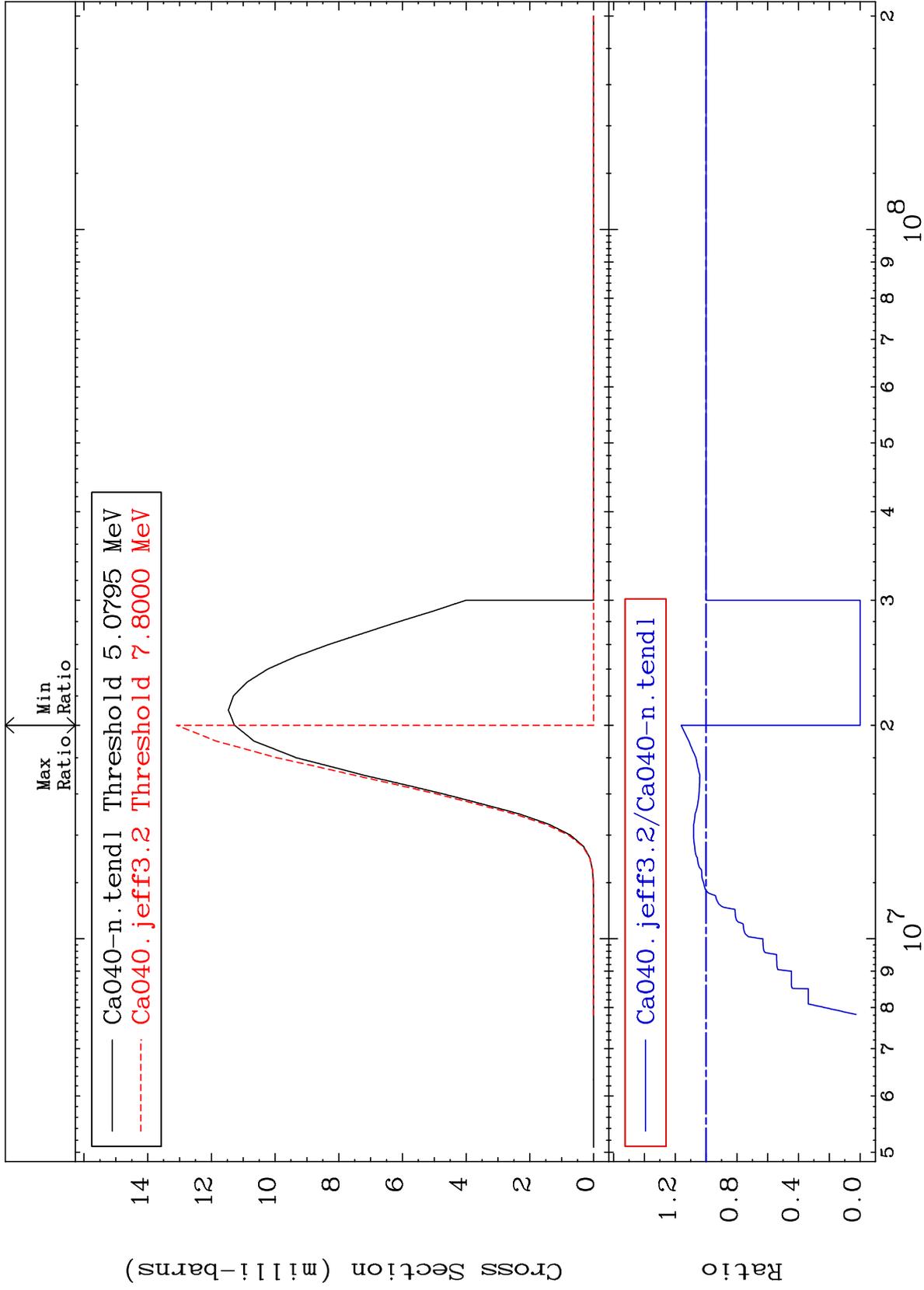
(n,  $\alpha$ )  
Cross Section

-100.0 To 107.8 %



(n,2α)  
Cross Section

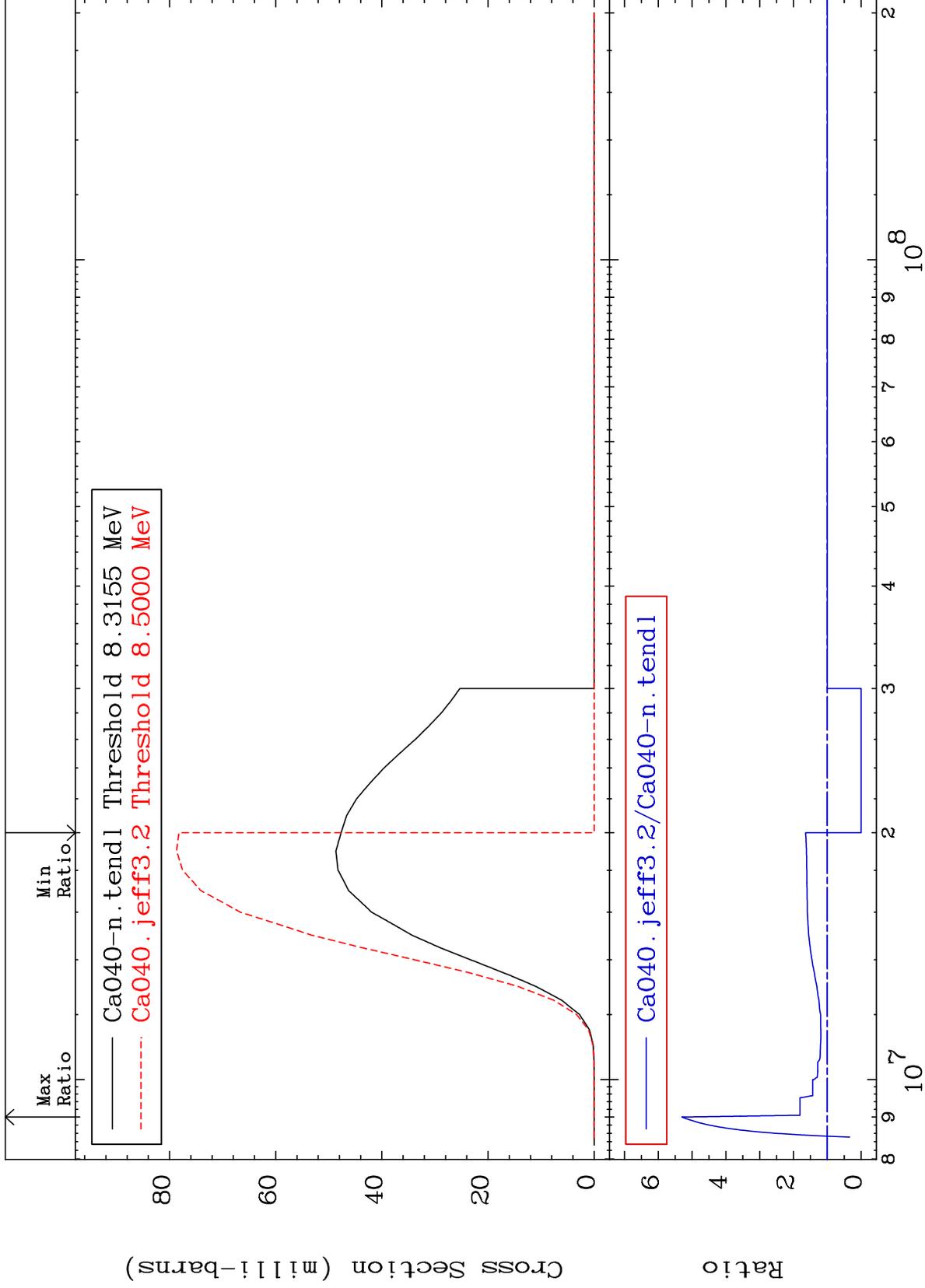
-100.0 To 16.17 %



MAT 2025

(n,2p)  
Cross Section

20-Ca-40  
-100.0 To 430.1 %



38

Incident Energy (eV)

20-Ca-40

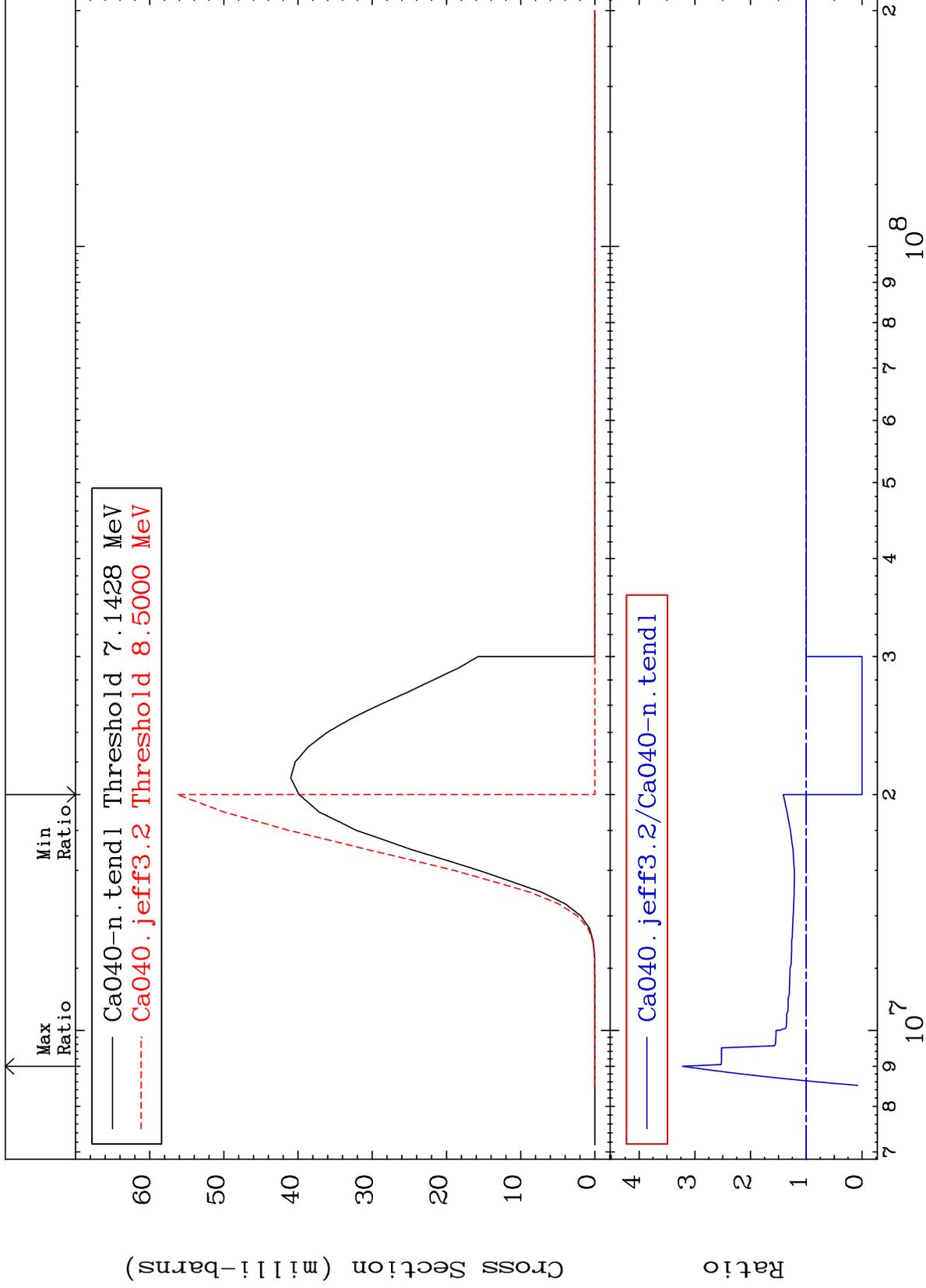
MAT 2025

(n, p)  $\alpha$

20-Ca-40

Cross Section

-100.0 To 221.8 %



39

Incident Energy (eV)

20-Ca-40

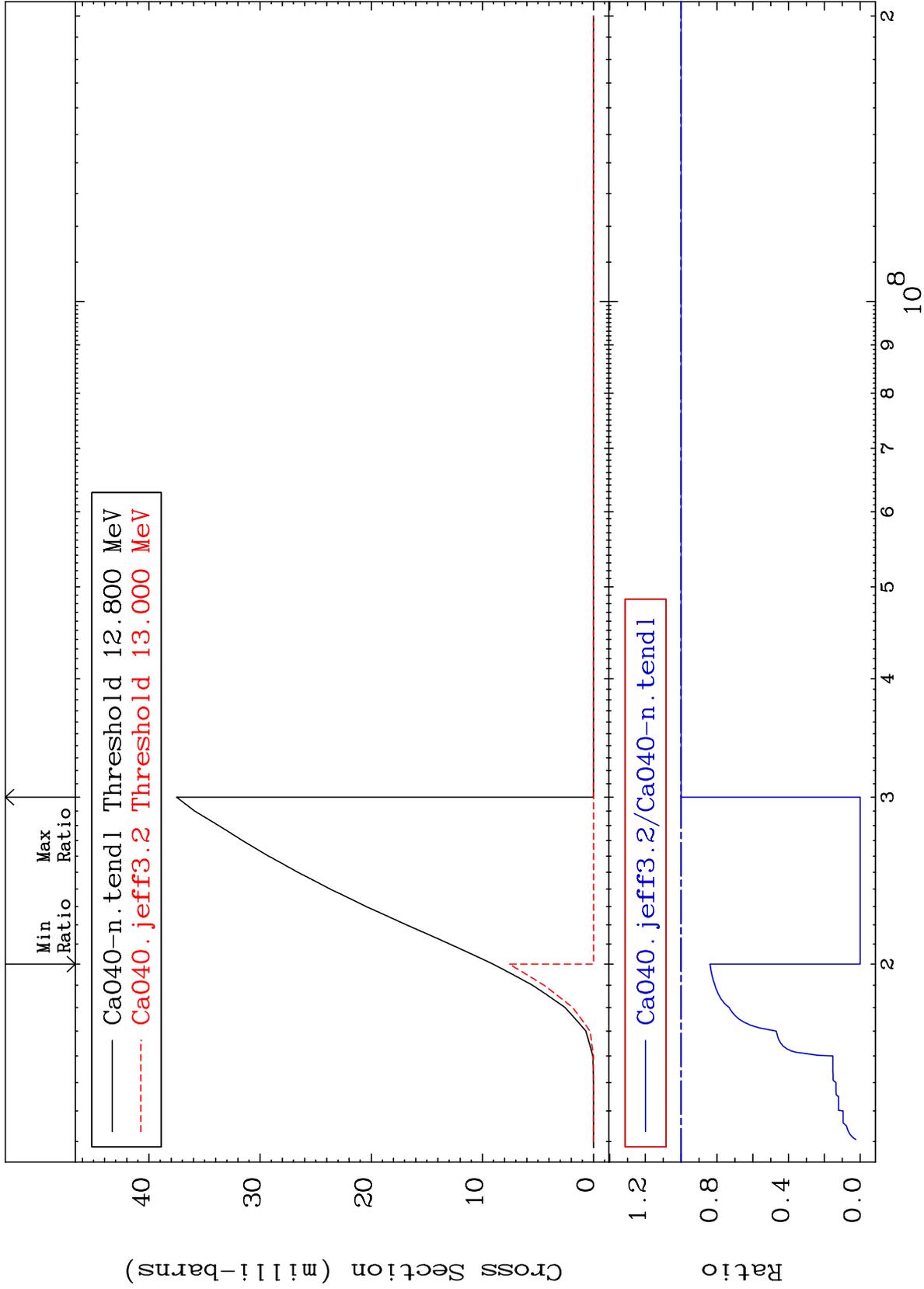
MAT 2025

(n, p) d

20-Ca-40

Cross Section

-100.0 To 0.000 %



40

Incident Energy (eV)

20-Ca-40

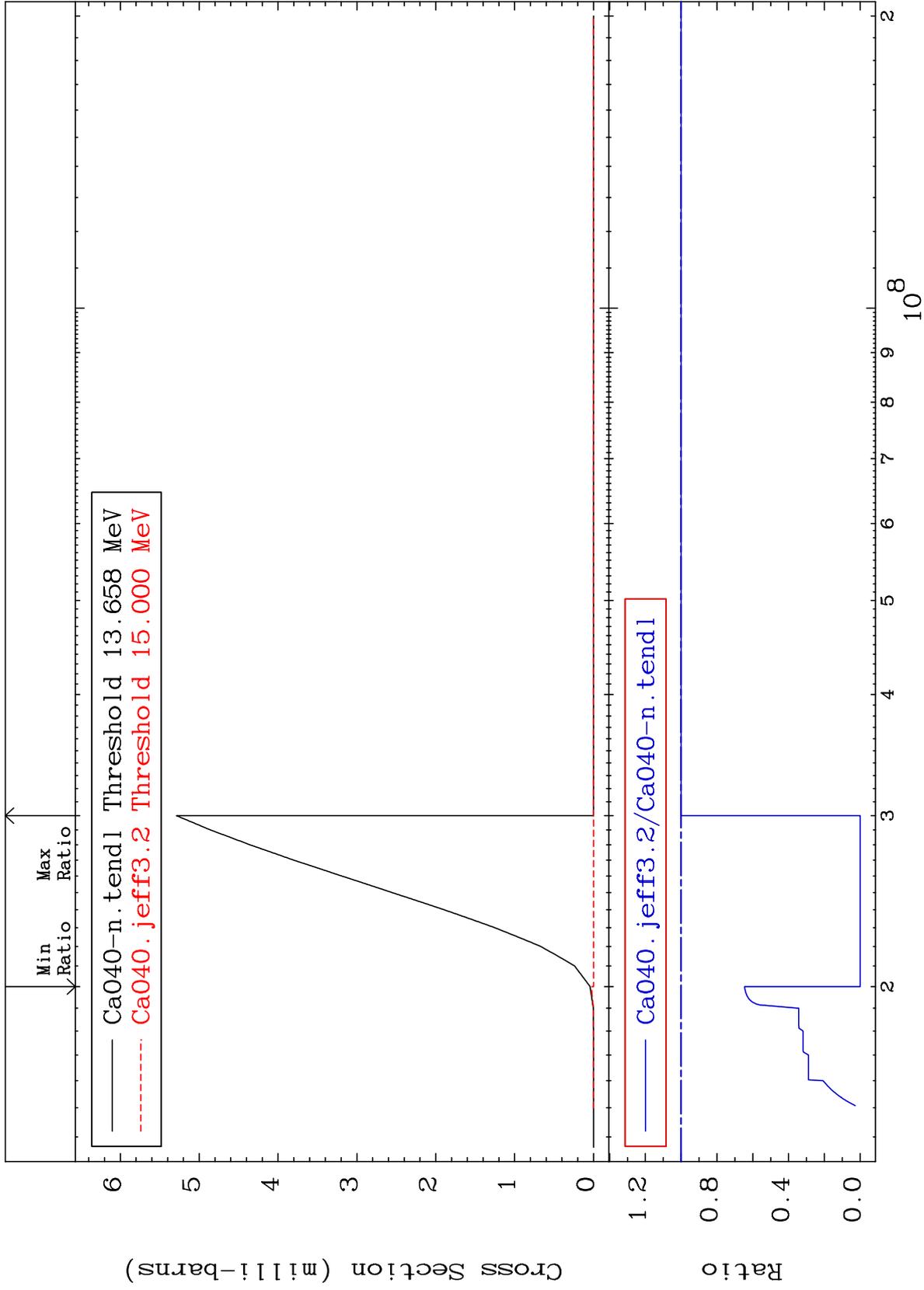
MAT 2025

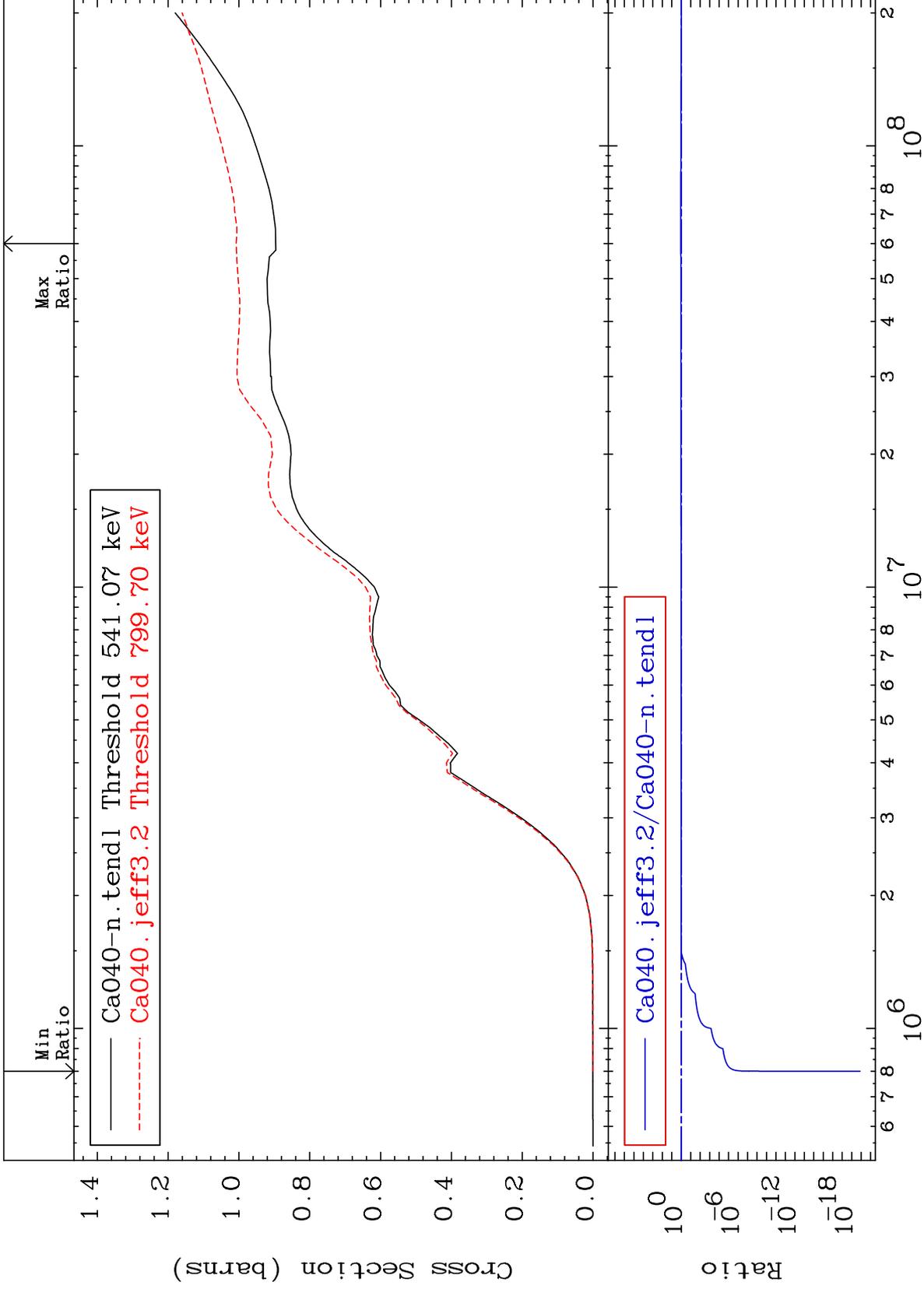
(n, d)  $\alpha$

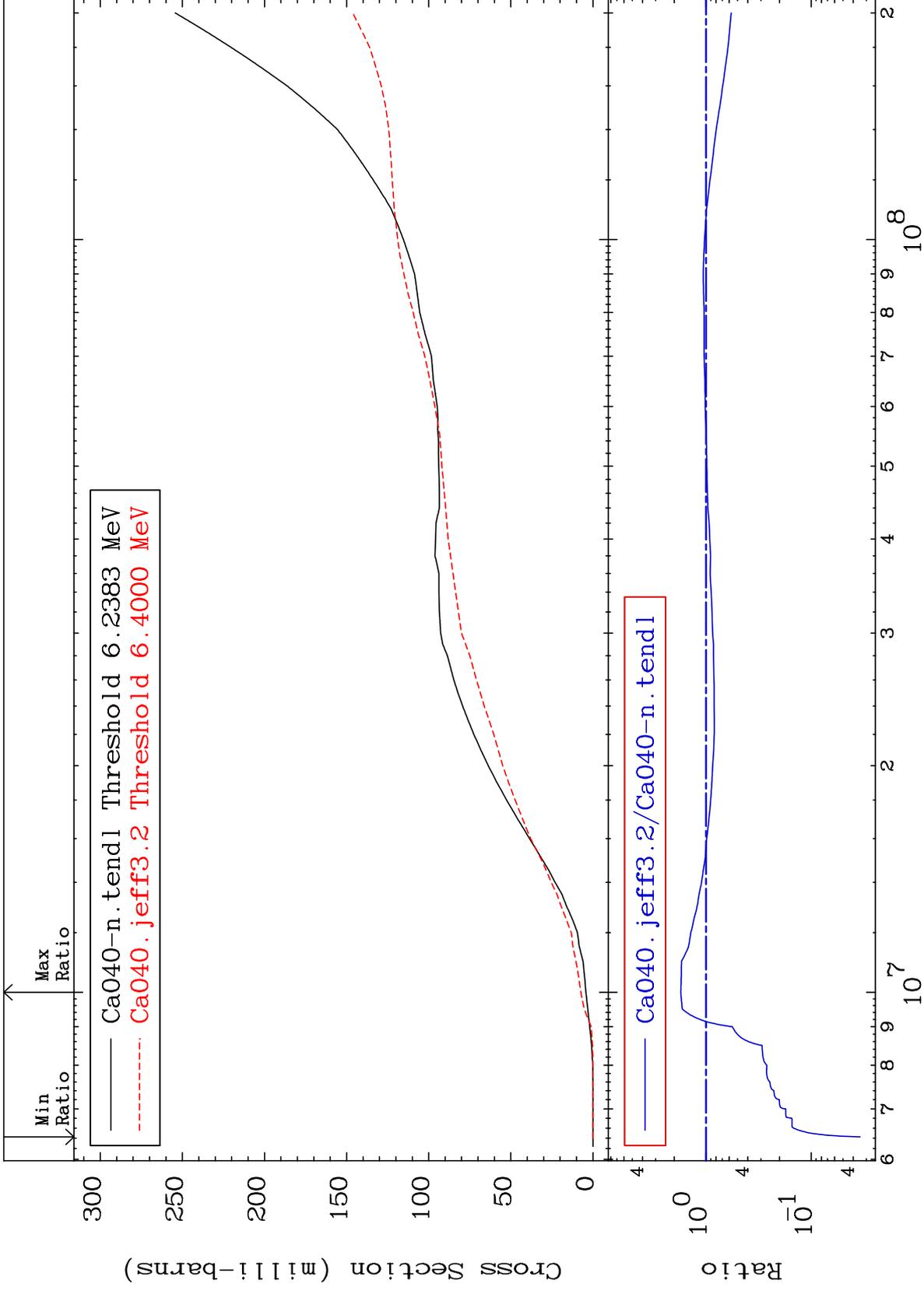
20-Ca-40

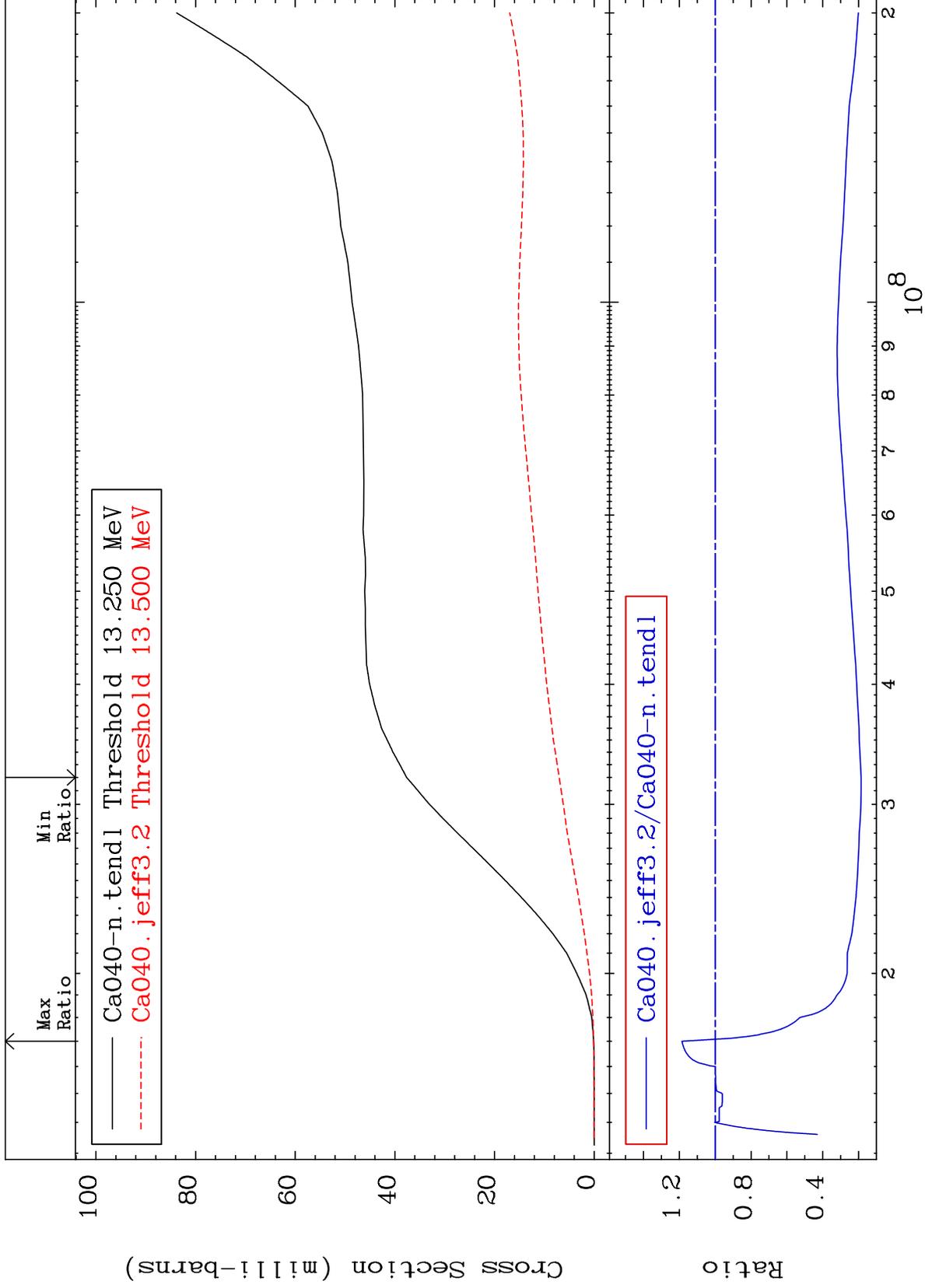
Cross Section

-100.0 To 0.000 %





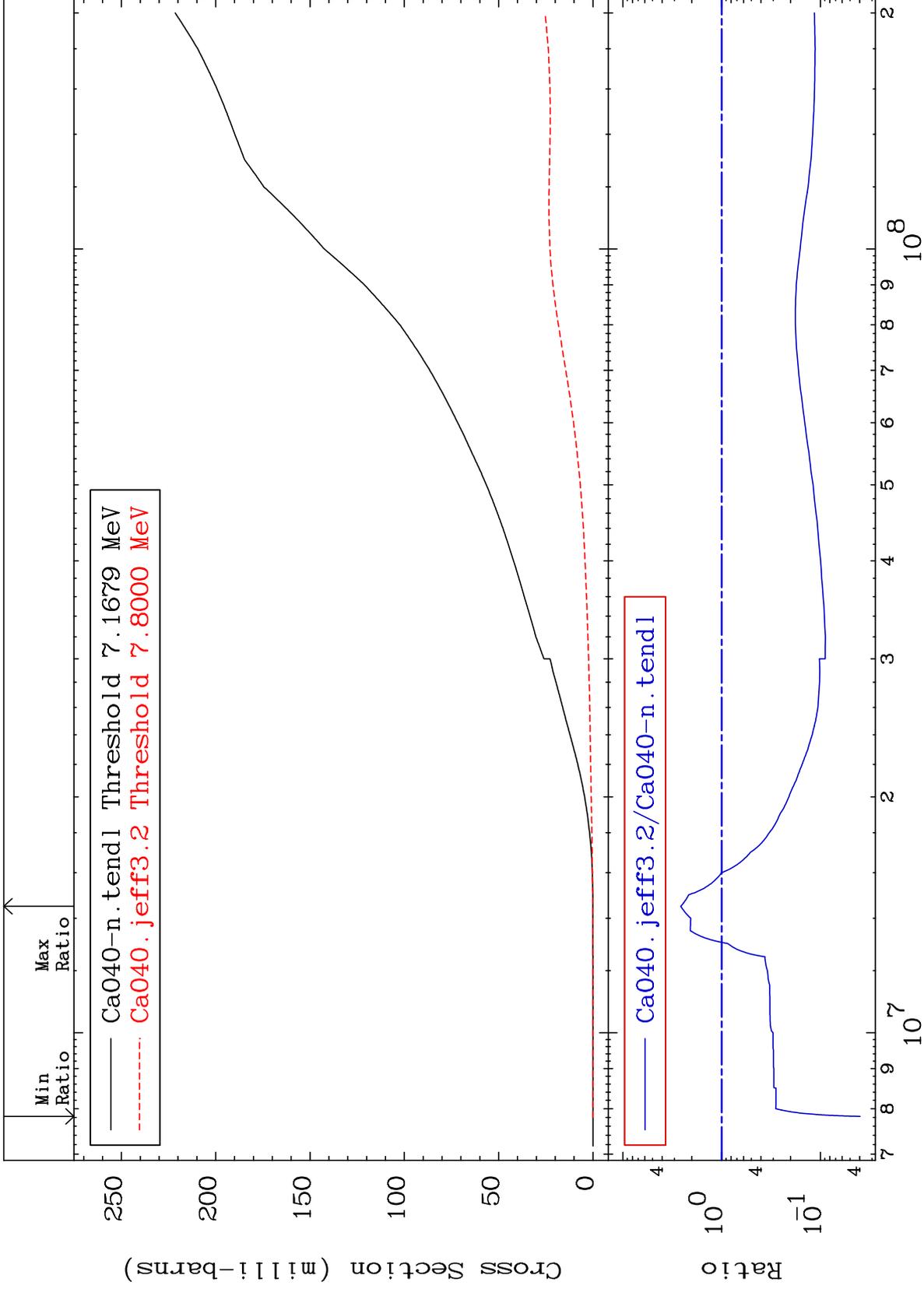




MAT 2025

He-3 Production  
Cross Section

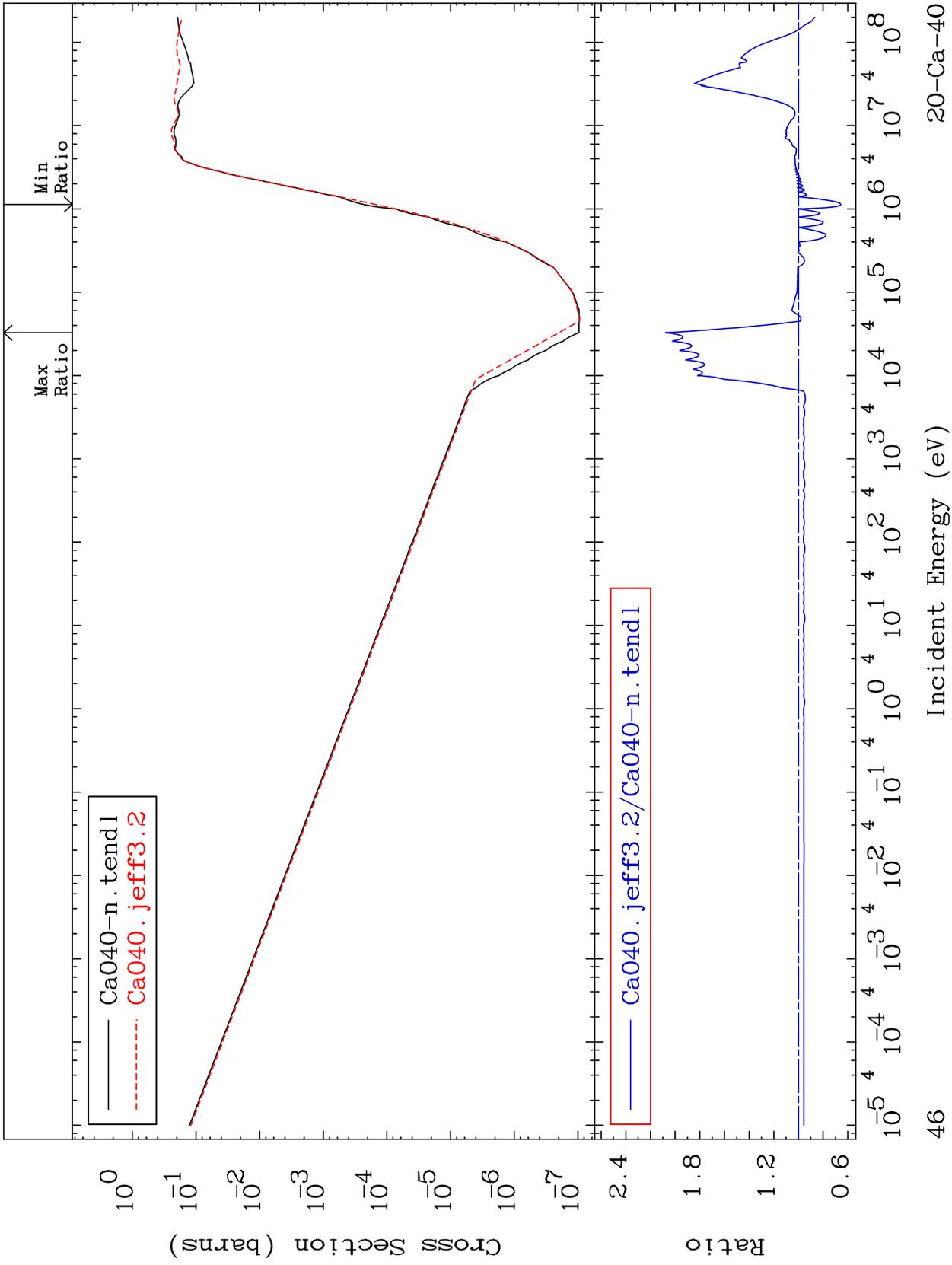
20-Ca-40  
-96.04 To 159.0 %

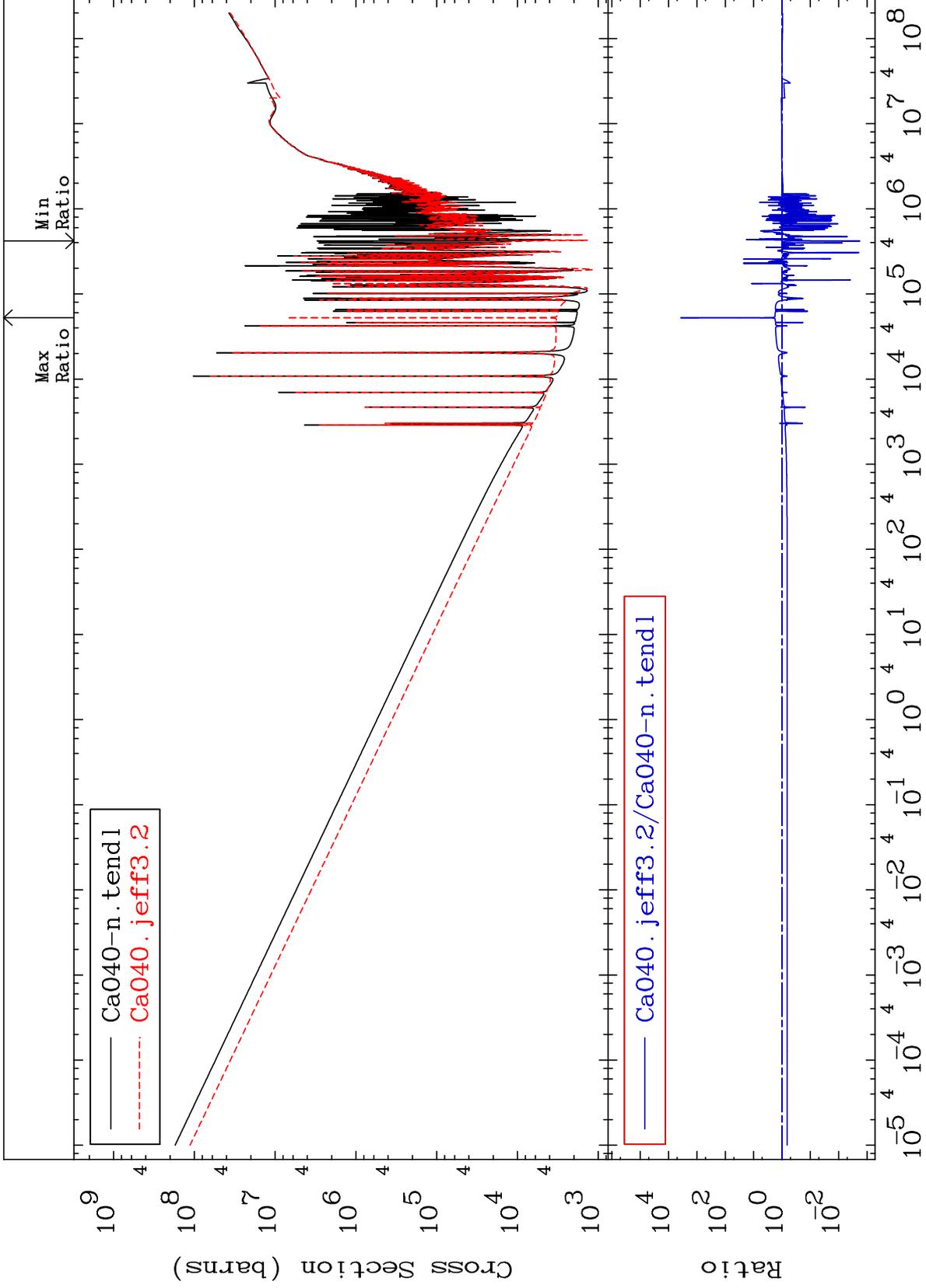


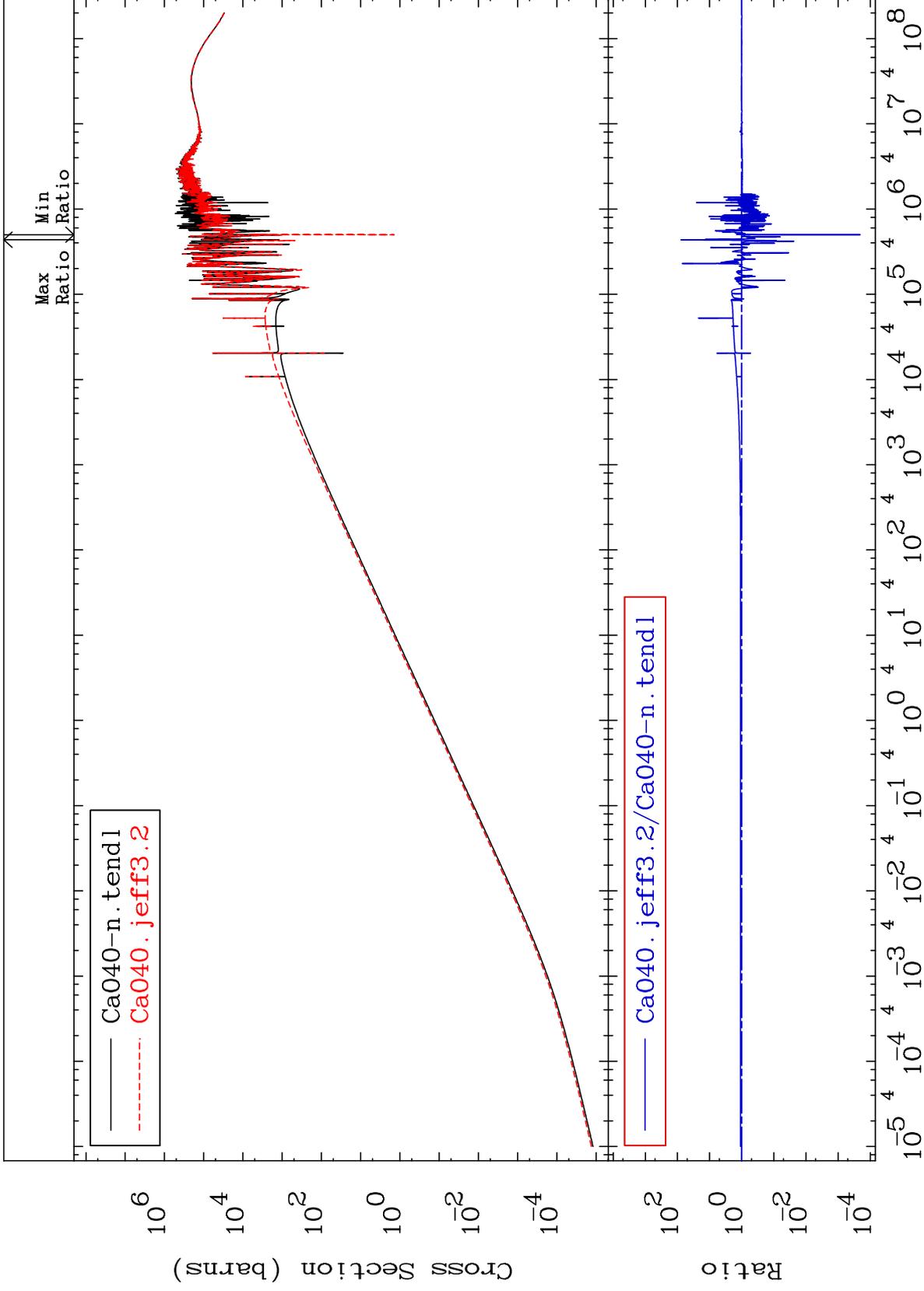
45

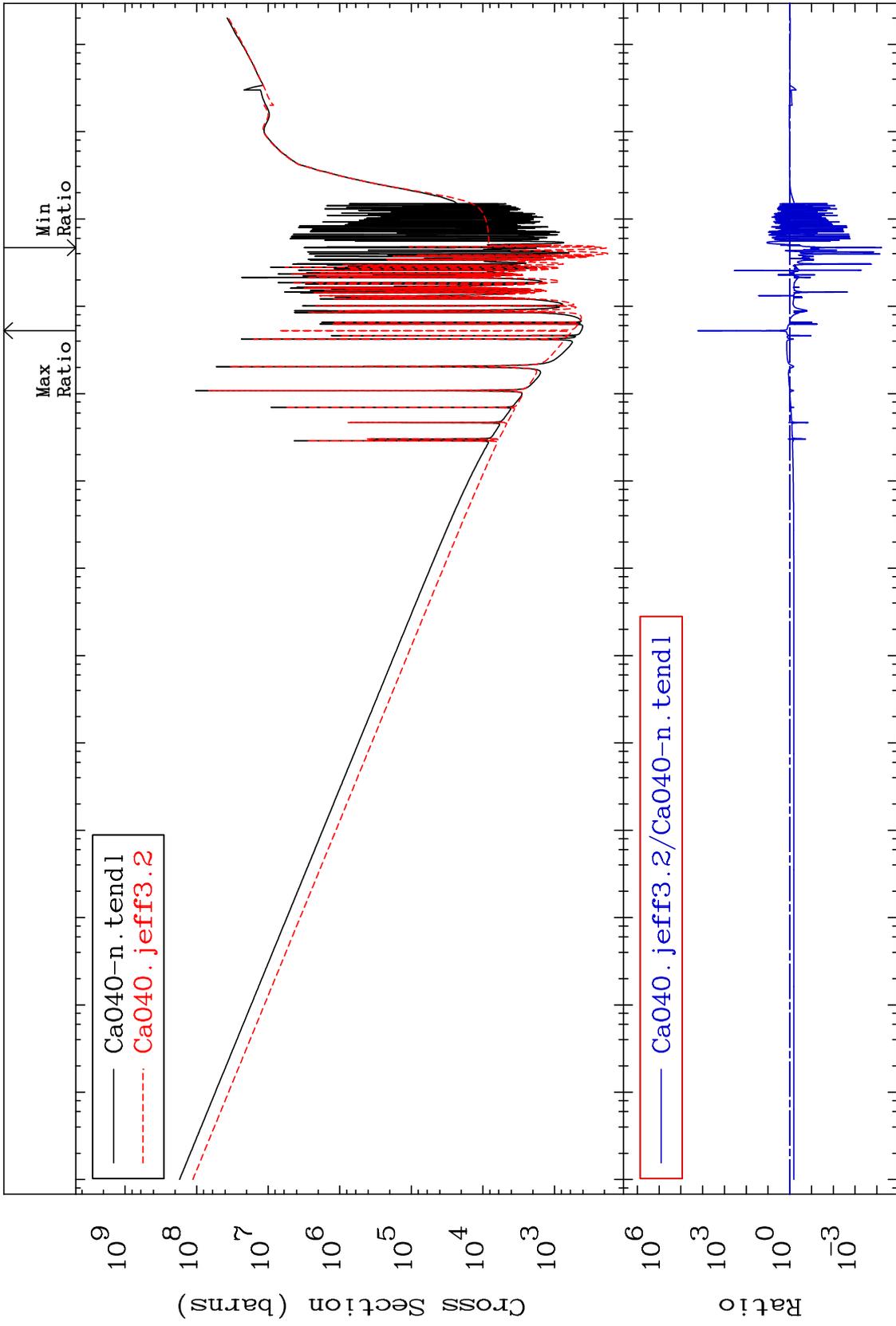
Incident Energy (eV)

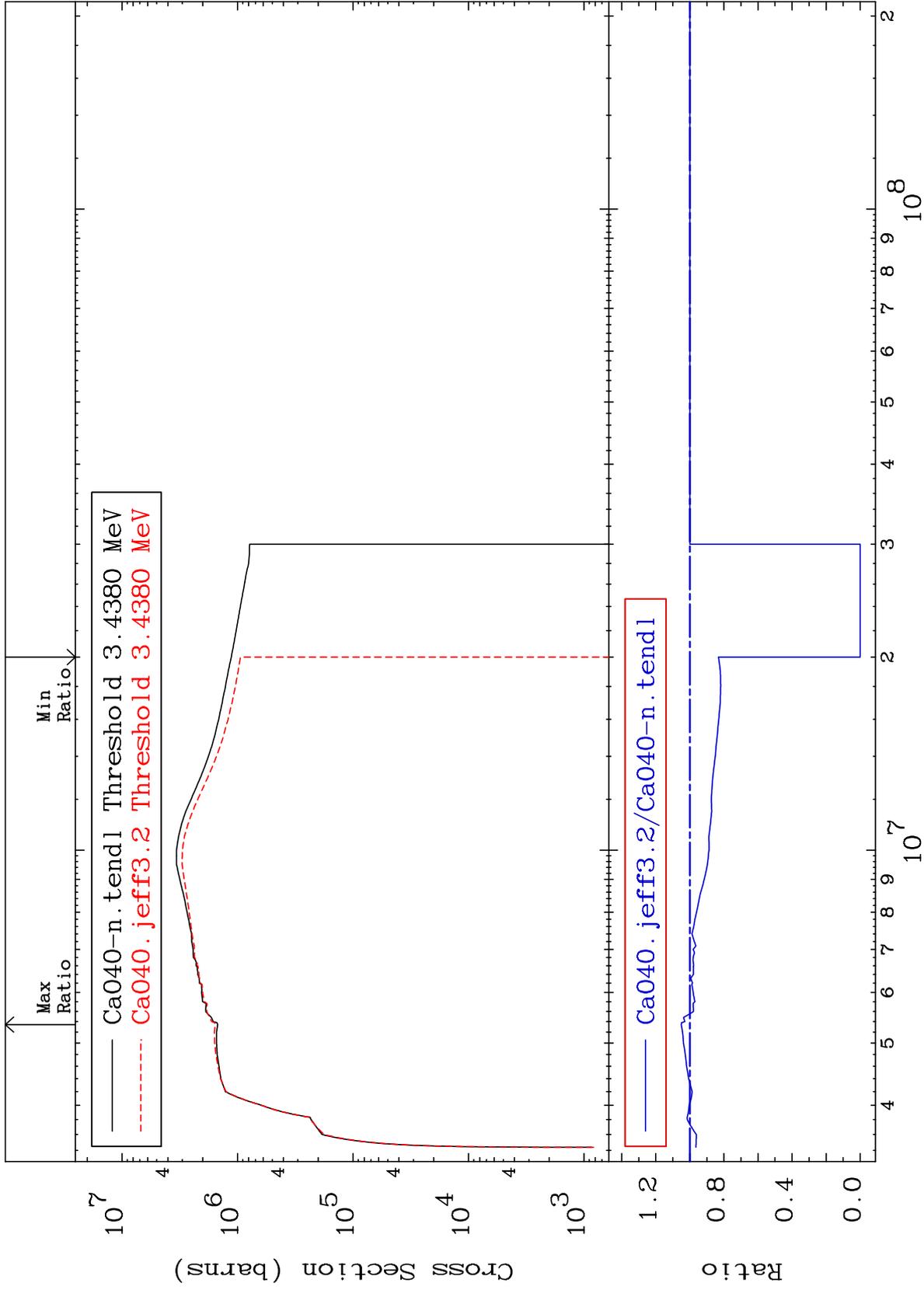
20-Ca-40

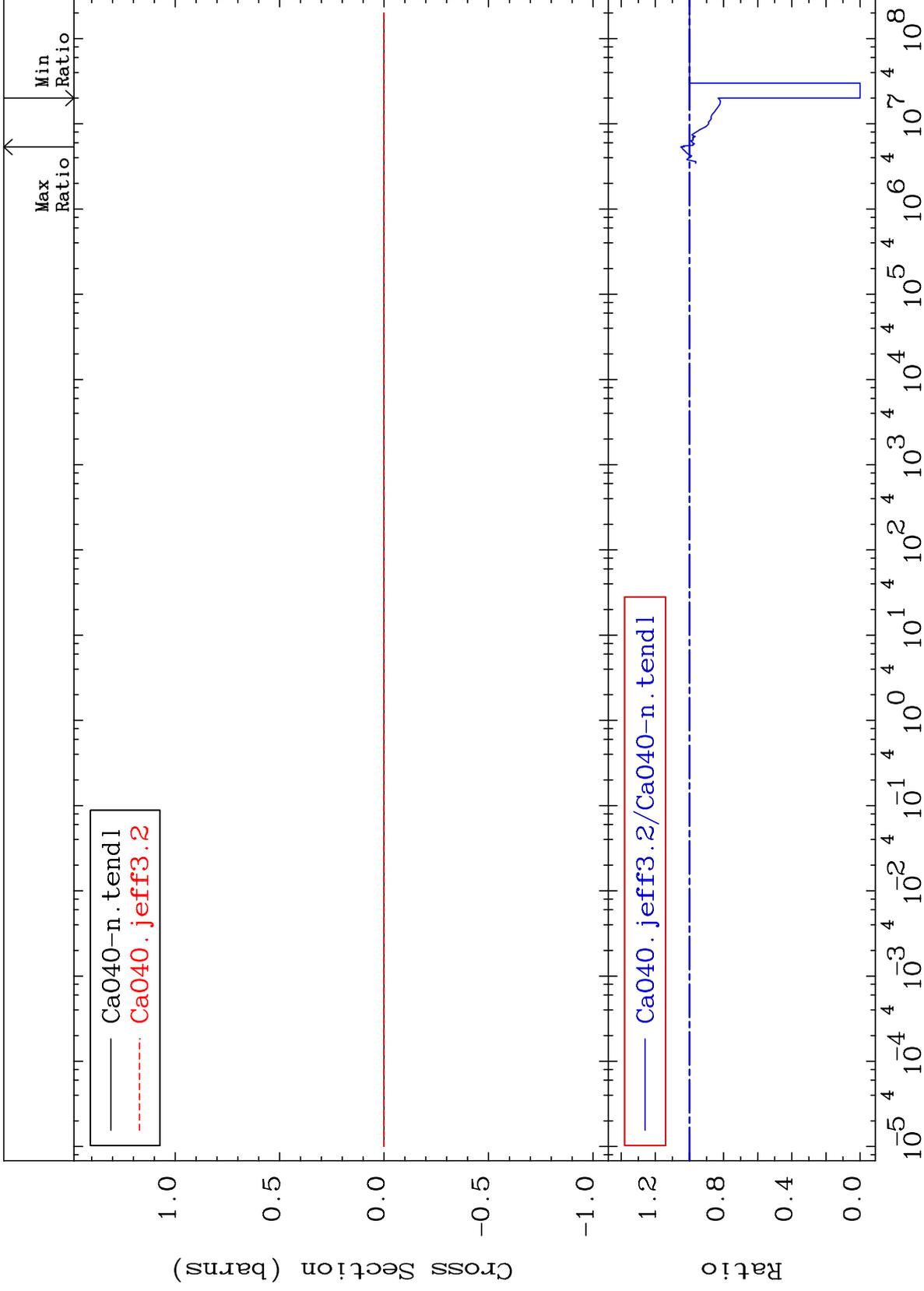








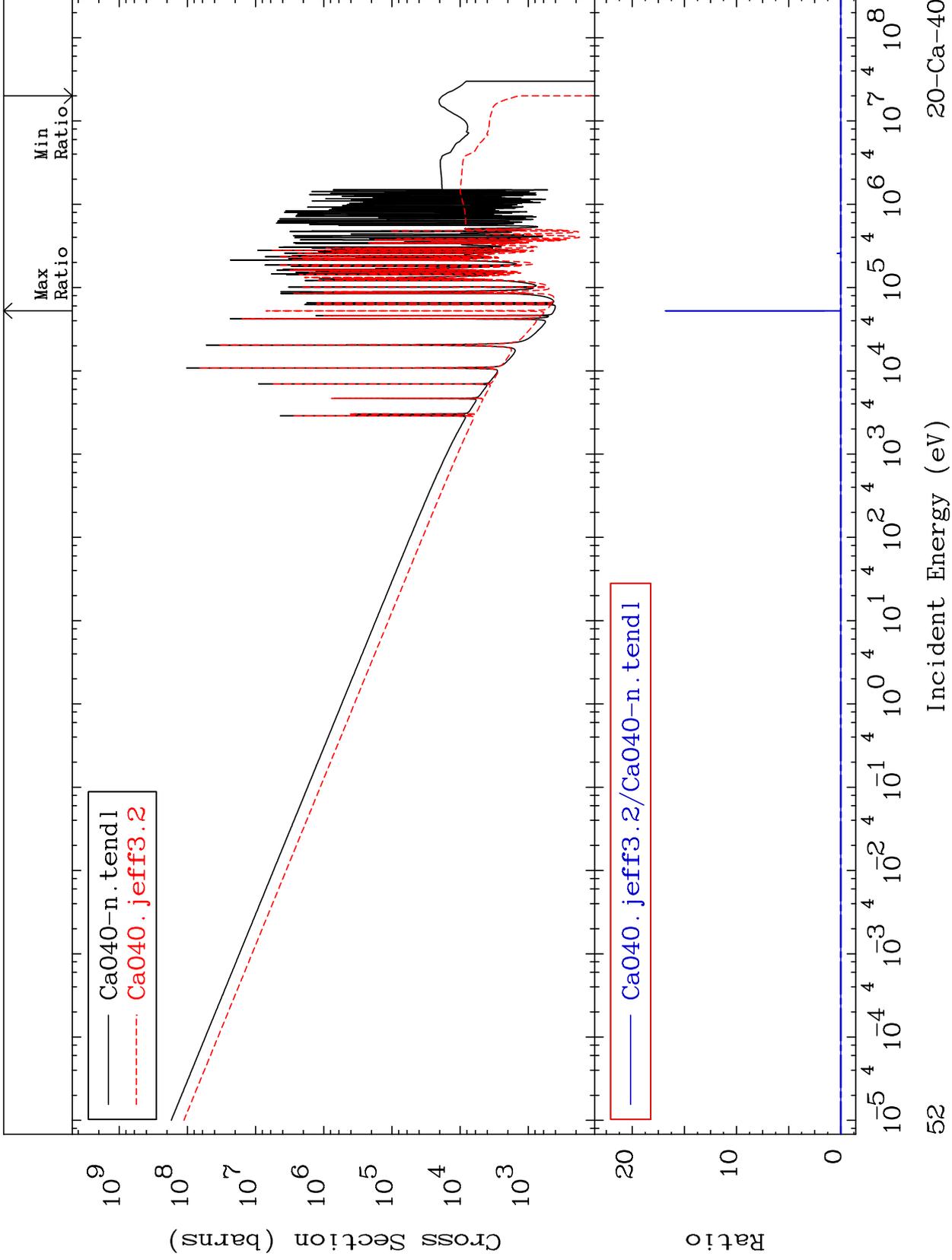


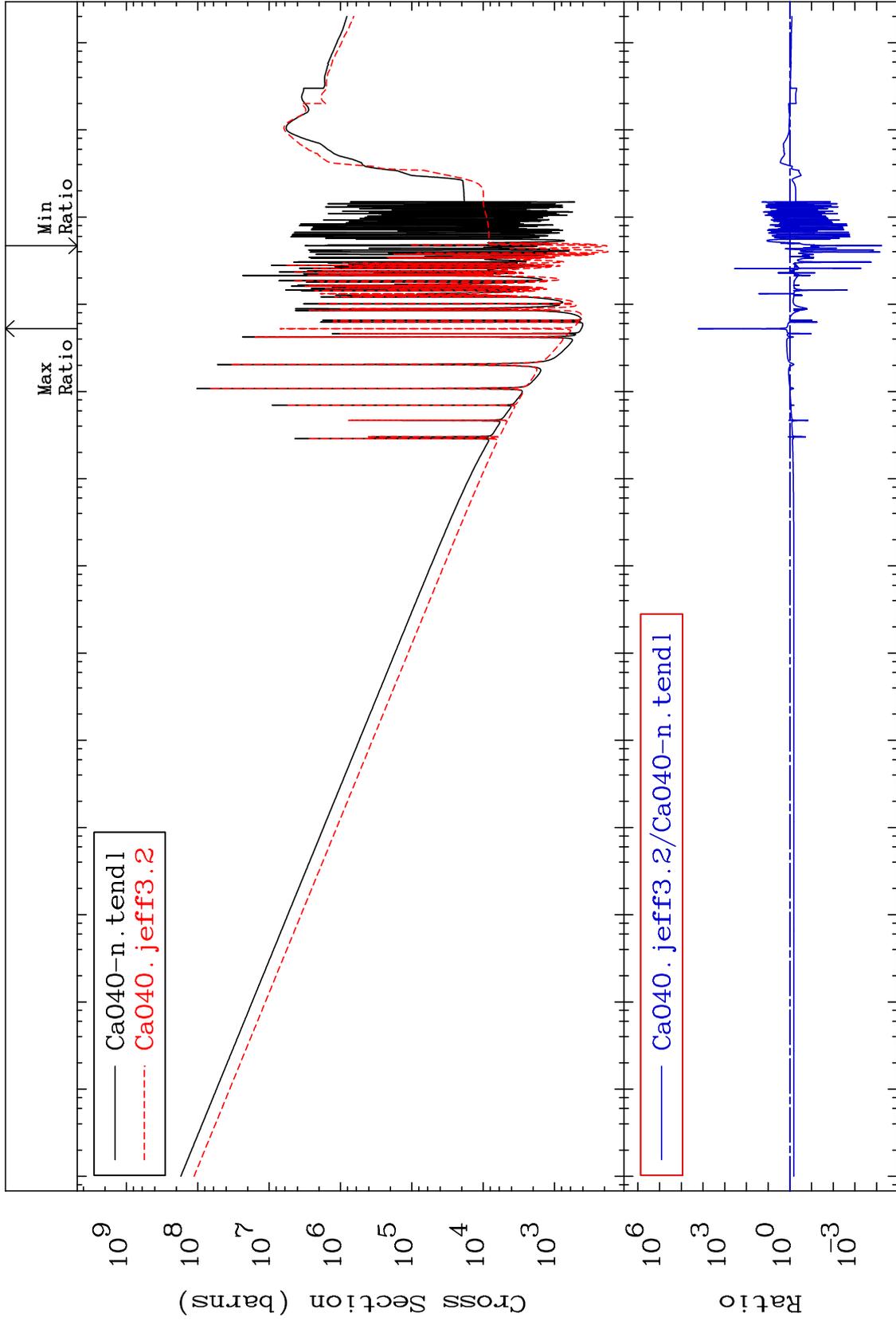


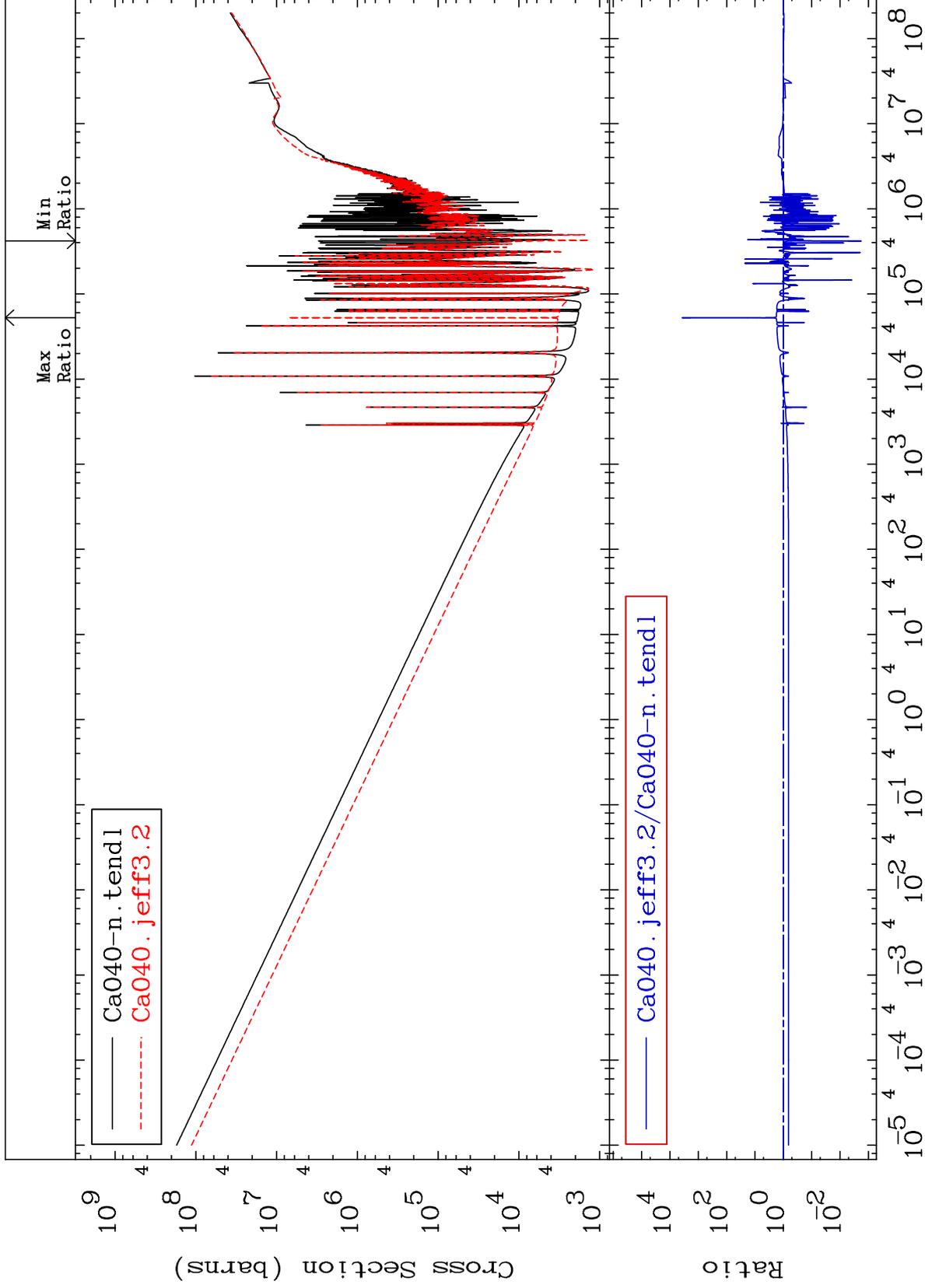
MAT 2025

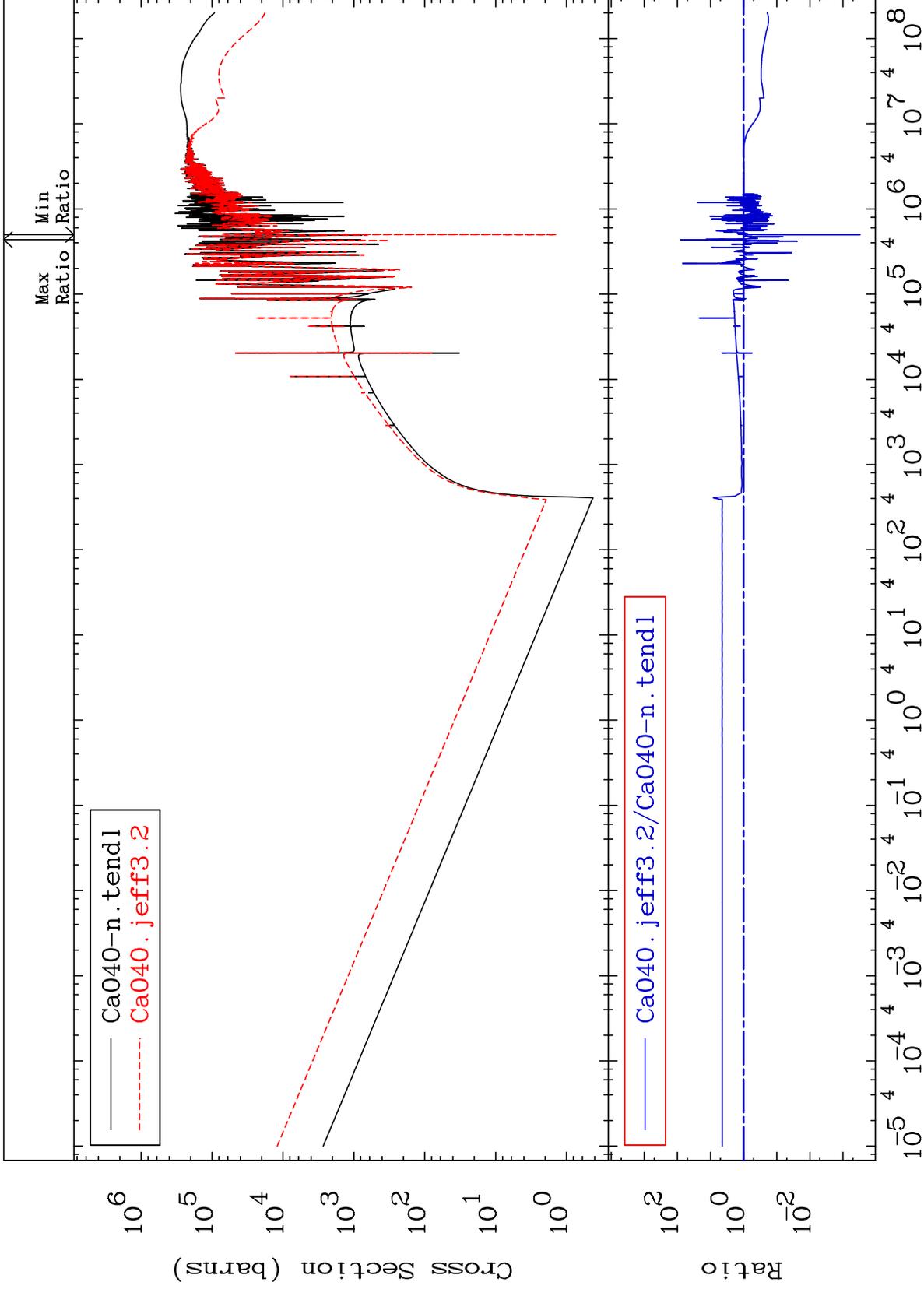
Kerma capture (mt102)  
Cross Section

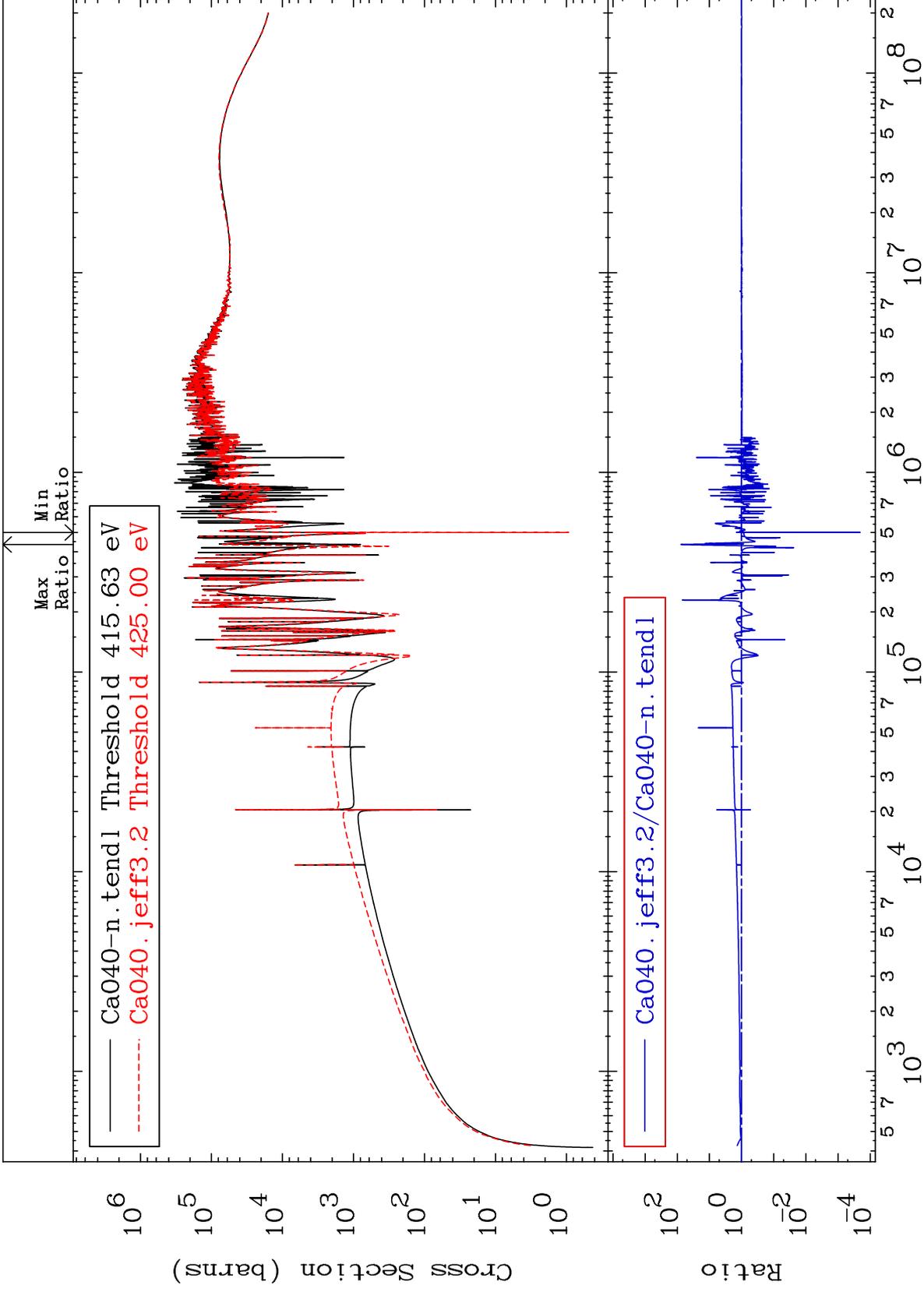
20-Ca-40  
-100.0 To 9999. %





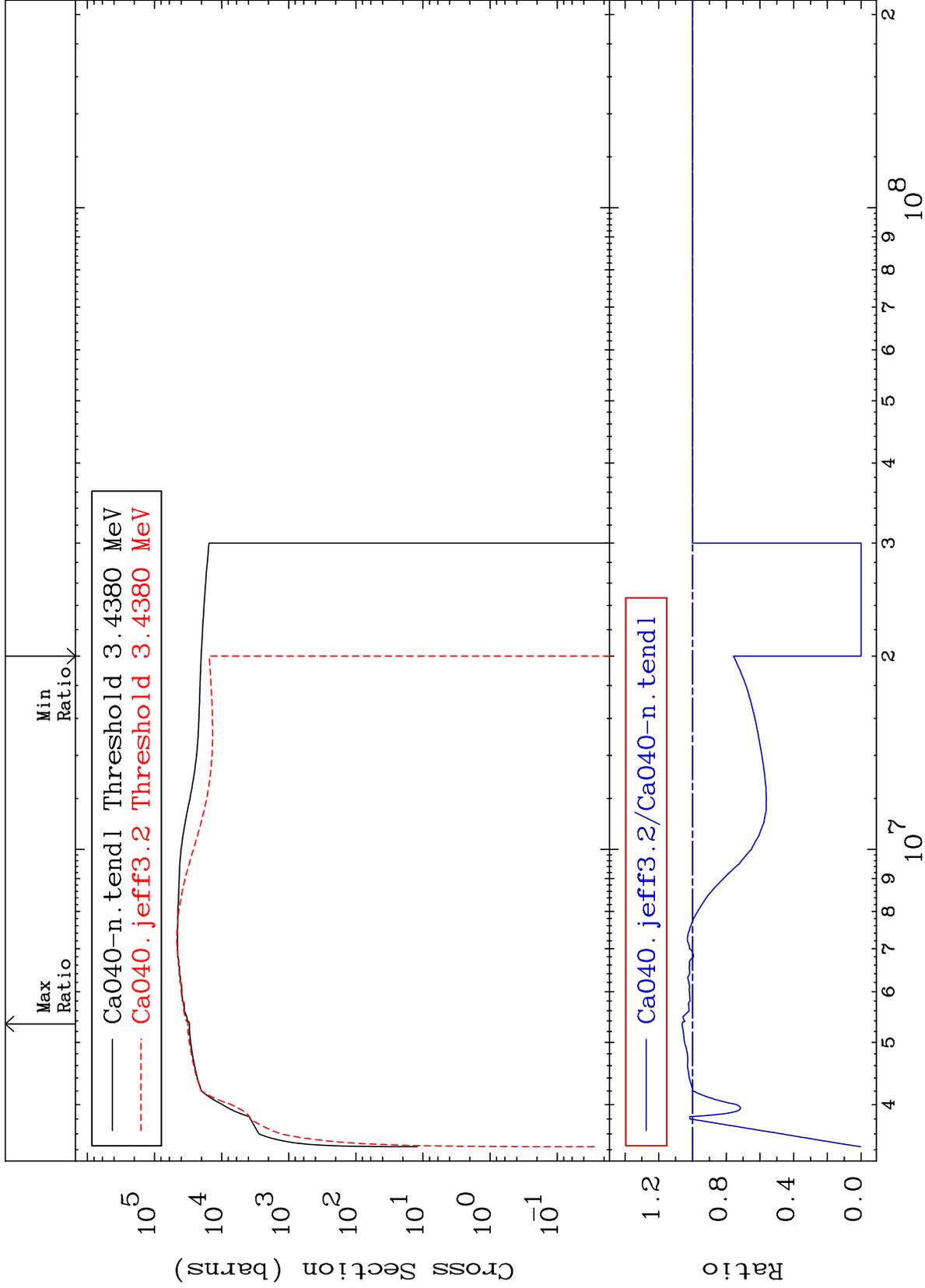






Cross Section

-100.0 To 6.269 %



MAT 2025

Dpa disappearance (mt102 -120)  
Cross Section

20-Ca-40  
-100.0 To 9999. %

