

Program Complot
(Version 2015-2)

by

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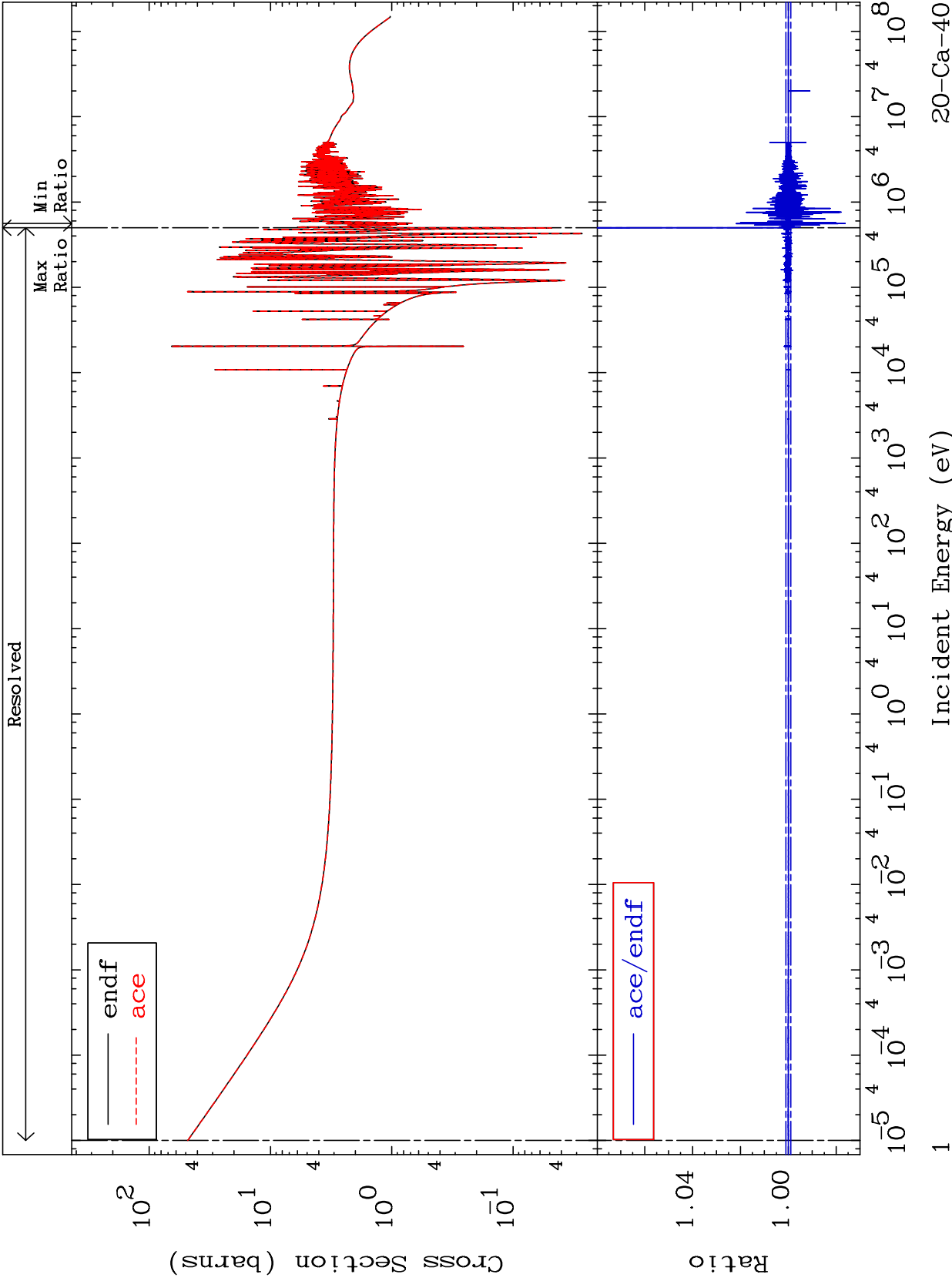
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2025

Total
Cross Section

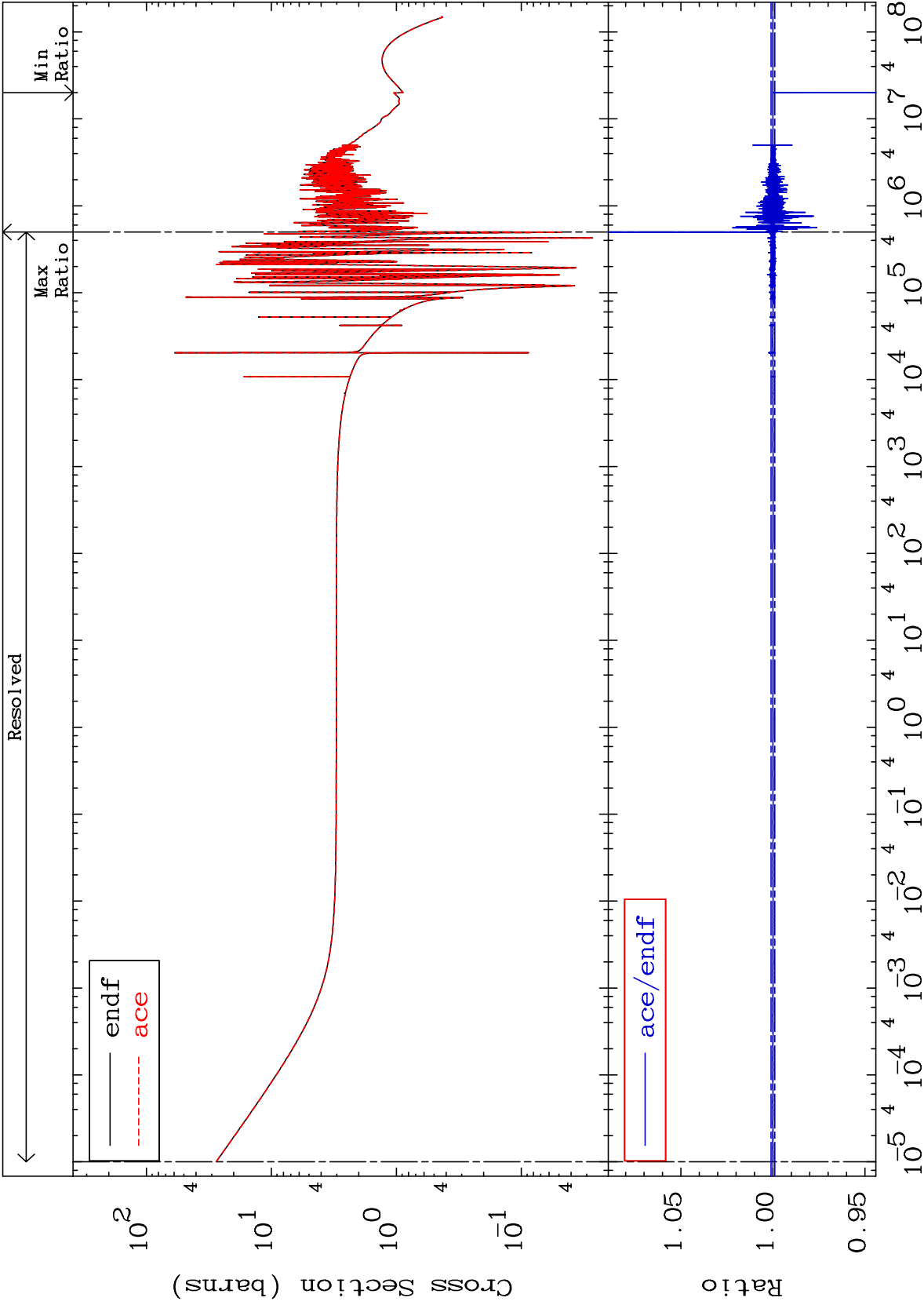
20-Ca-40
-2.369 To 40.41 %



MAT 2025

Elastic
Cross Section

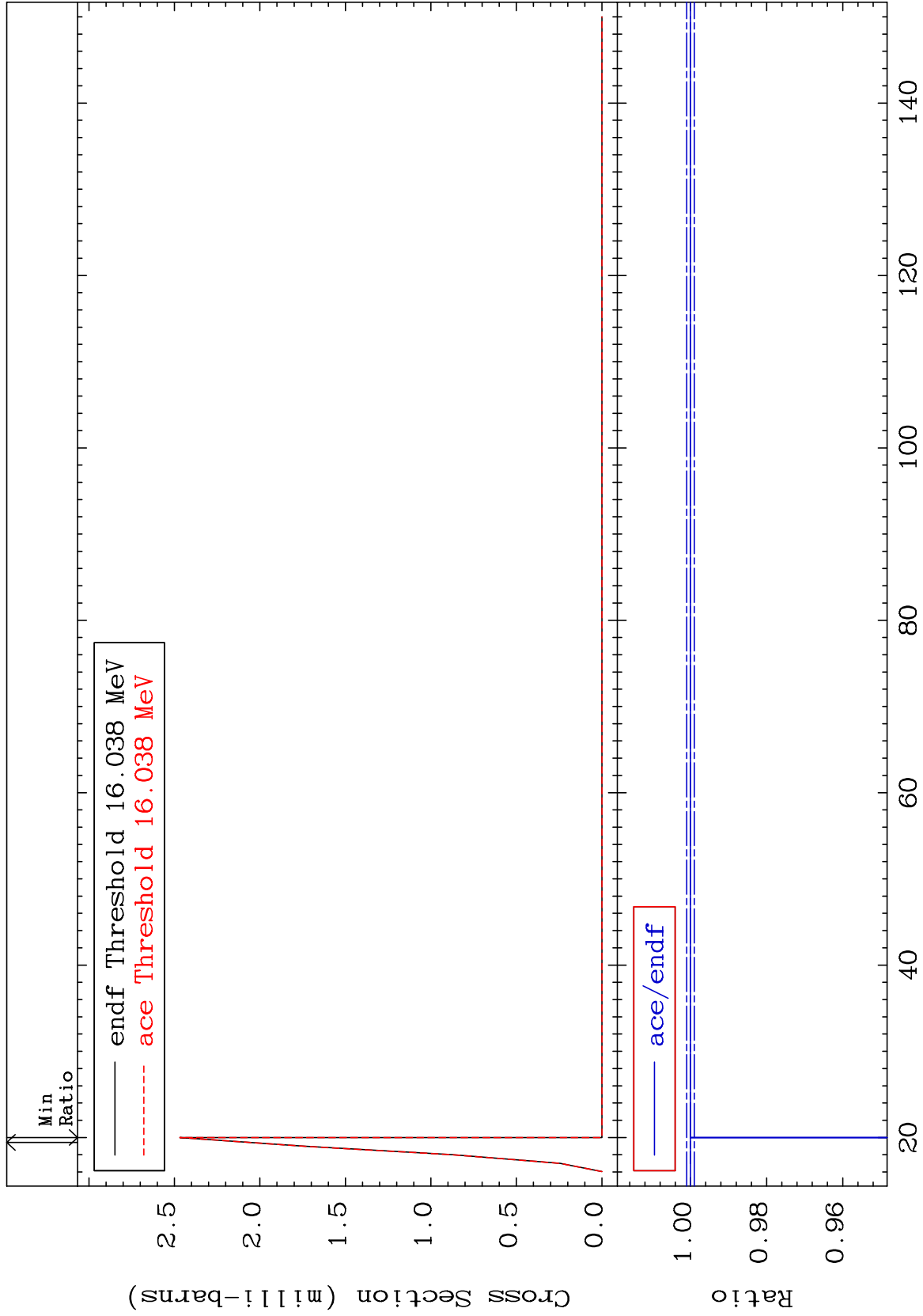
20-Ca-40
-15.94 To 40.35 %



MAT 2025

(n,2n)
Cross Section

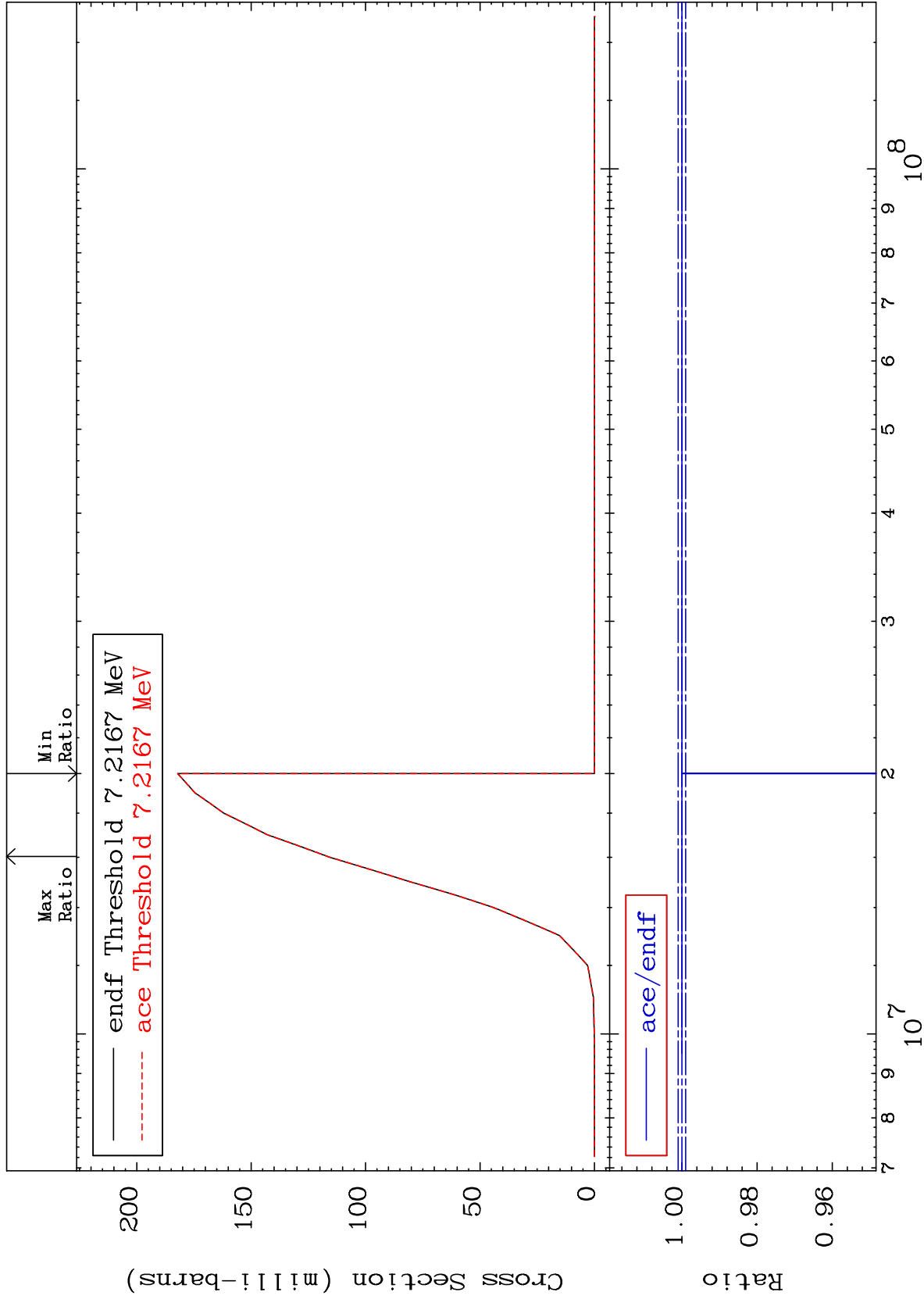
20-Ca-40
-100.0 To 0.000 %



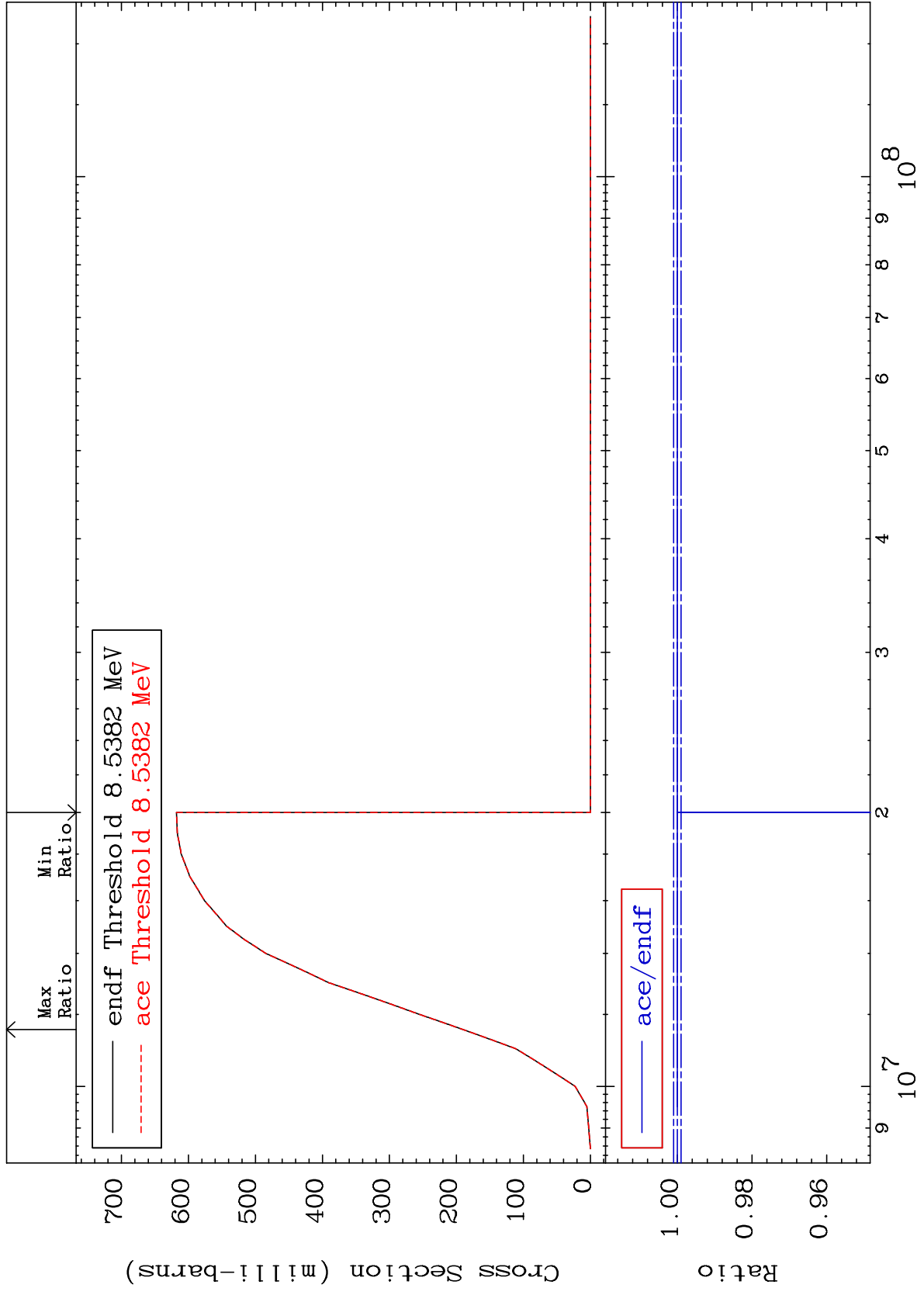
MAT 2025

(n, n') α
Cross Section

20-Ca-40
-100.0 To 0.000 %



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

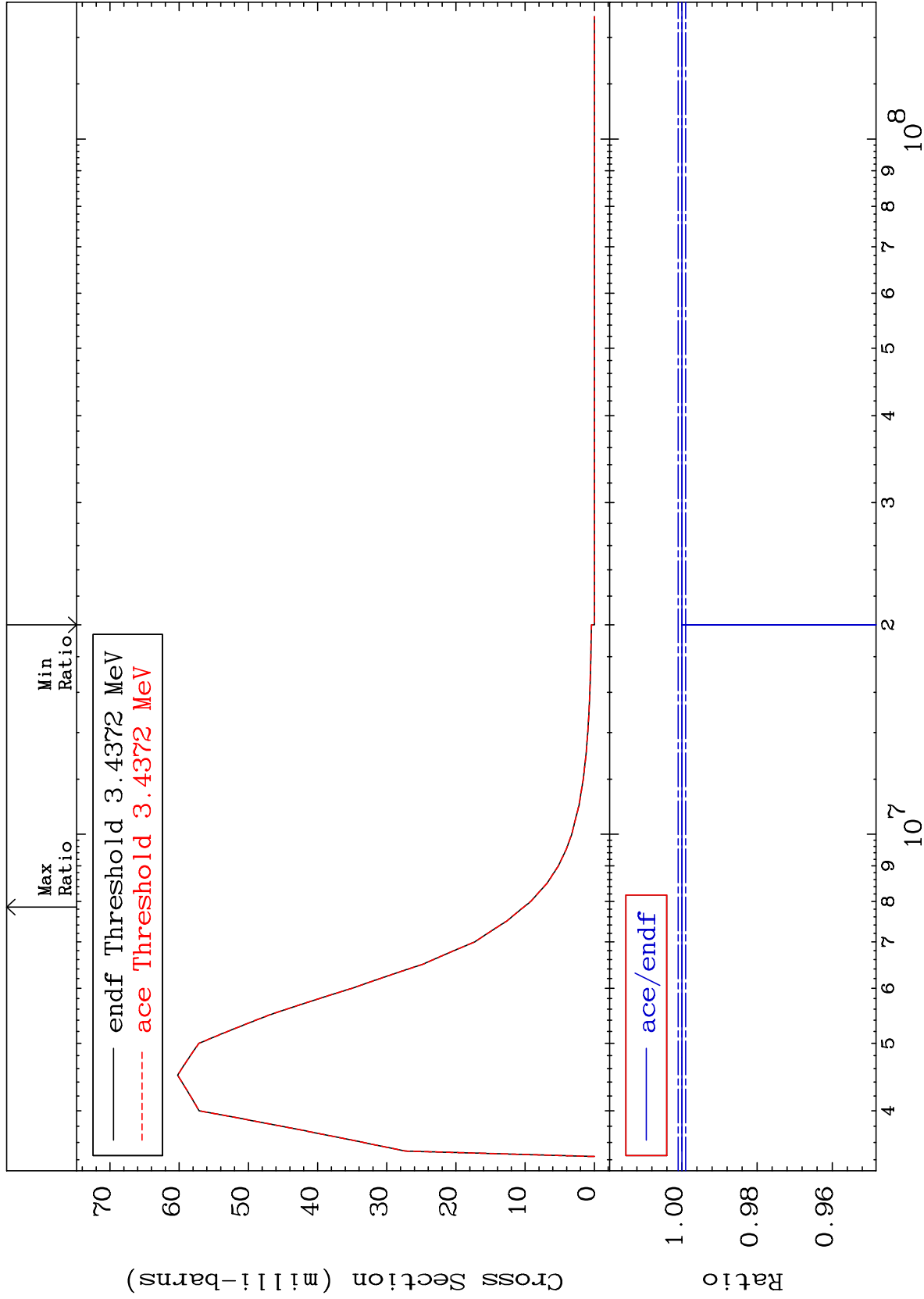


5 10⁷ 10⁸ Incident Energy (eV) 20-Ca-40

MAT 2025

3.353 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

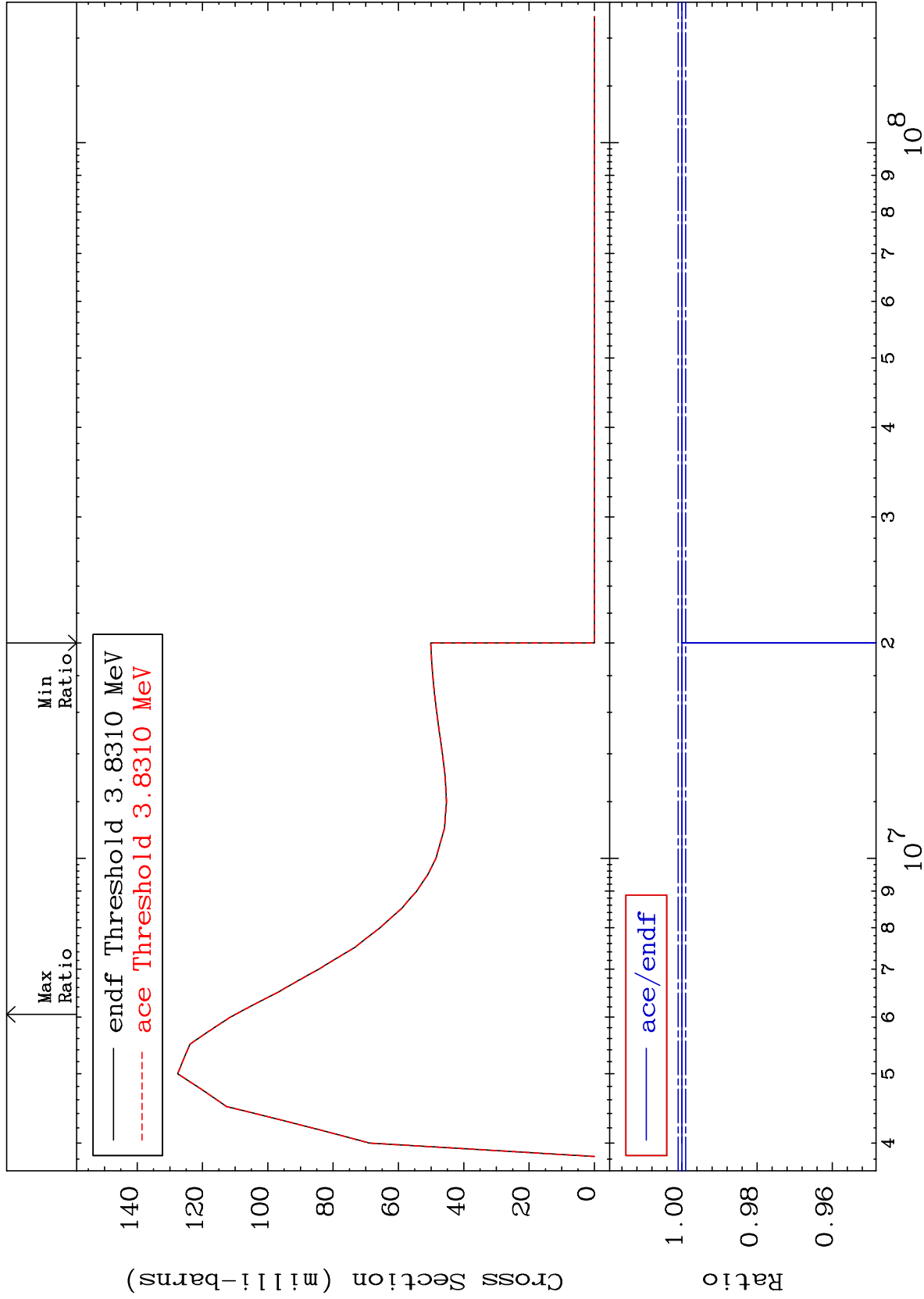


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MAT 2025

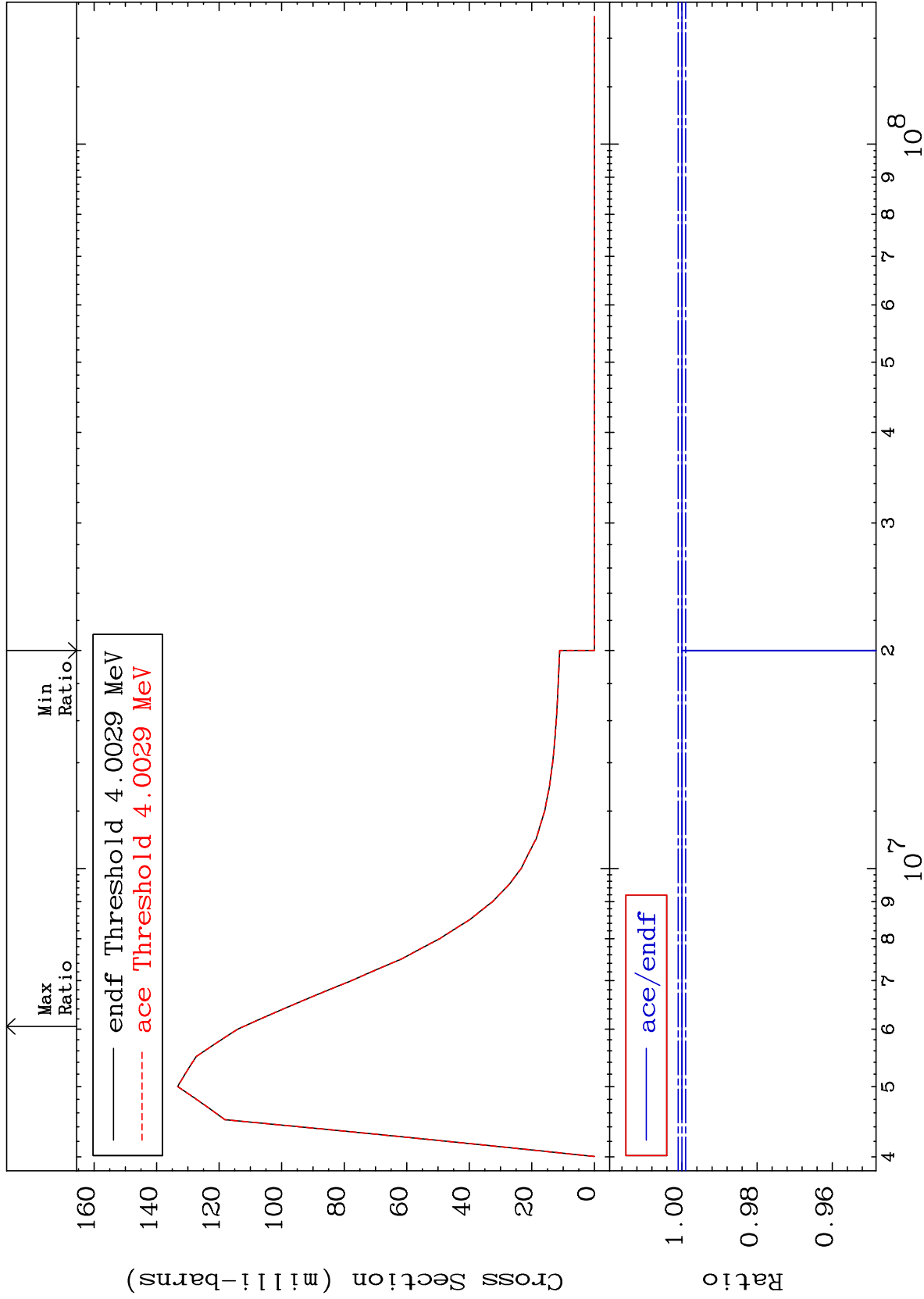
3.737 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



7

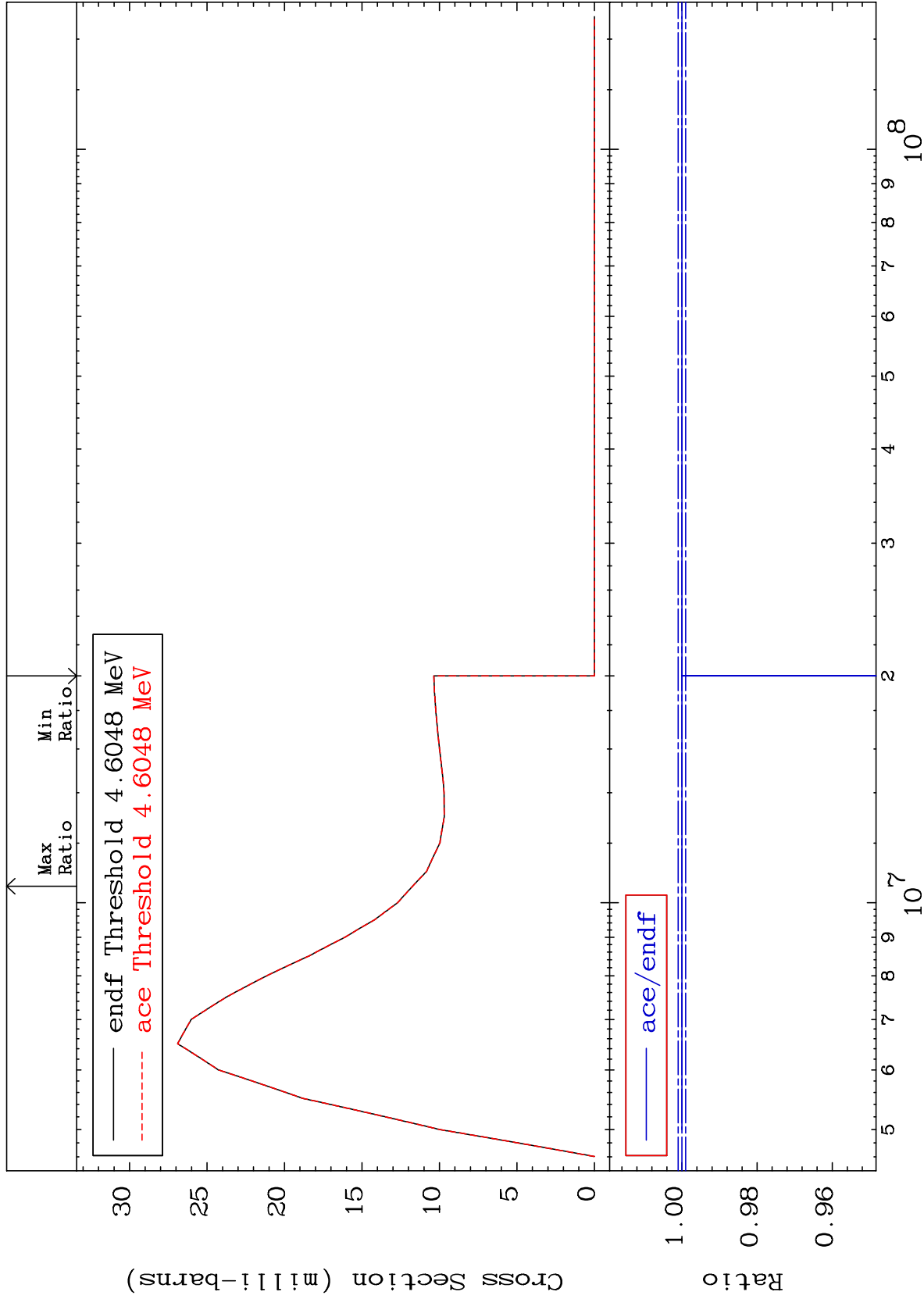
MAT 2025 3.904 MeV (n,n') Level Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025

4.491 MeV (n,n') Level
Cross Section

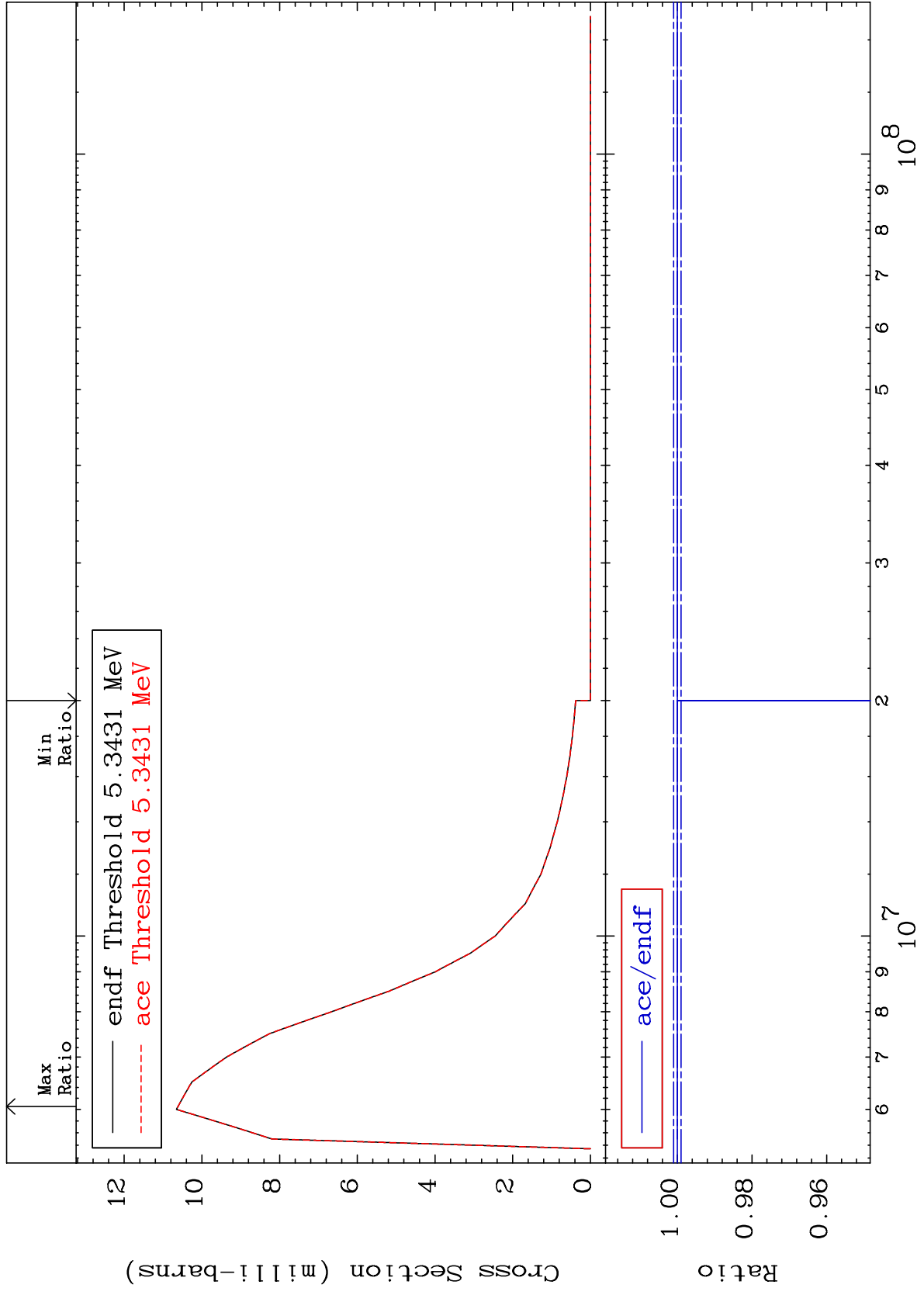
20-Ca-40
-100.0 To 0.000 %



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20-Ca-40

MAT 2025 5.212 MeV (n,n') Level Cross Section -100.0 To 0.000 % 20-Ca-40

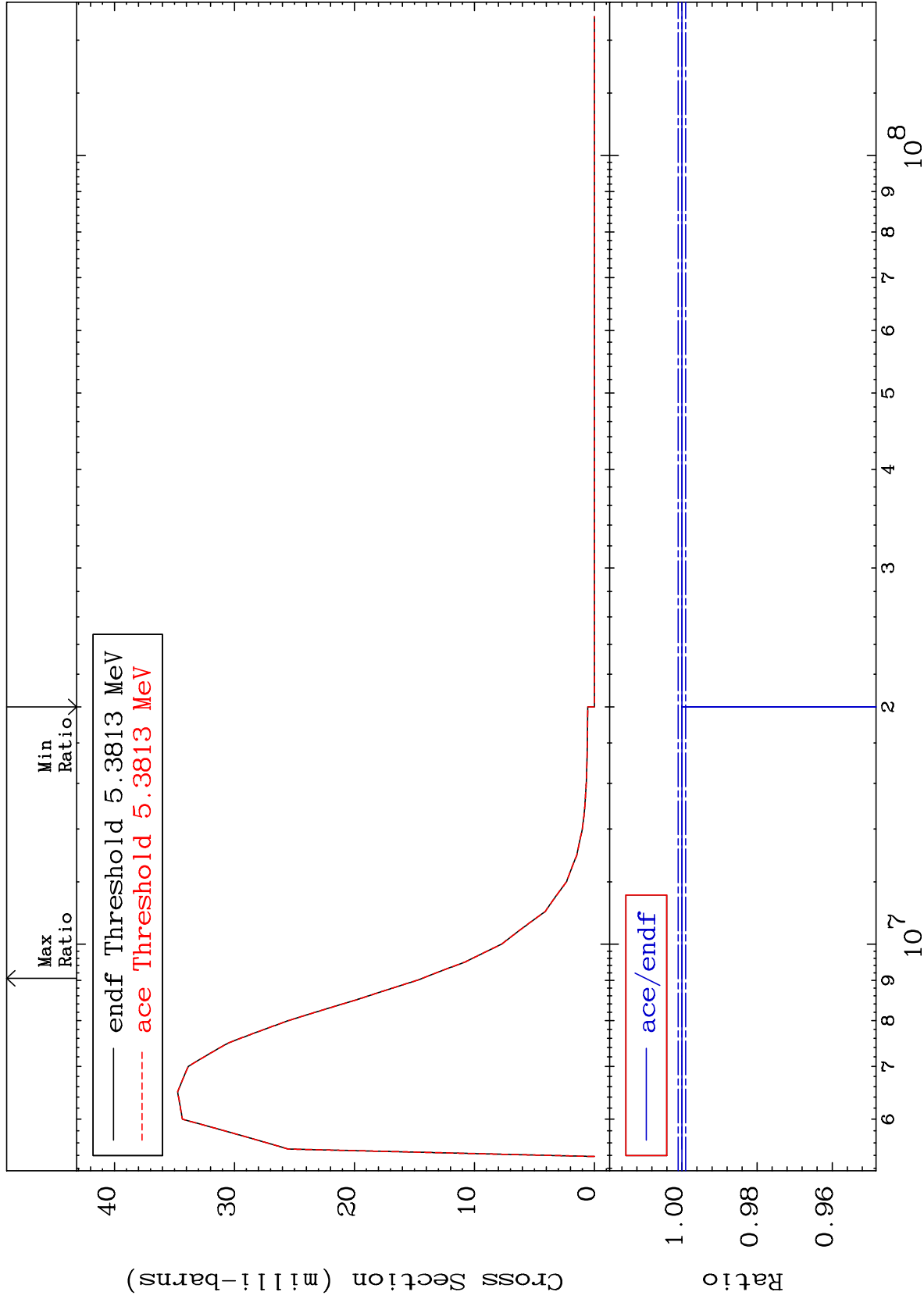


Max Ratio Min Ratio
endf Threshold 5.3431 MeV
ace Threshold 5.3431 MeV
ace/endf
Ratio
Cross Section (milli-barns)
Incident Energy (eV)
20-Ca-40

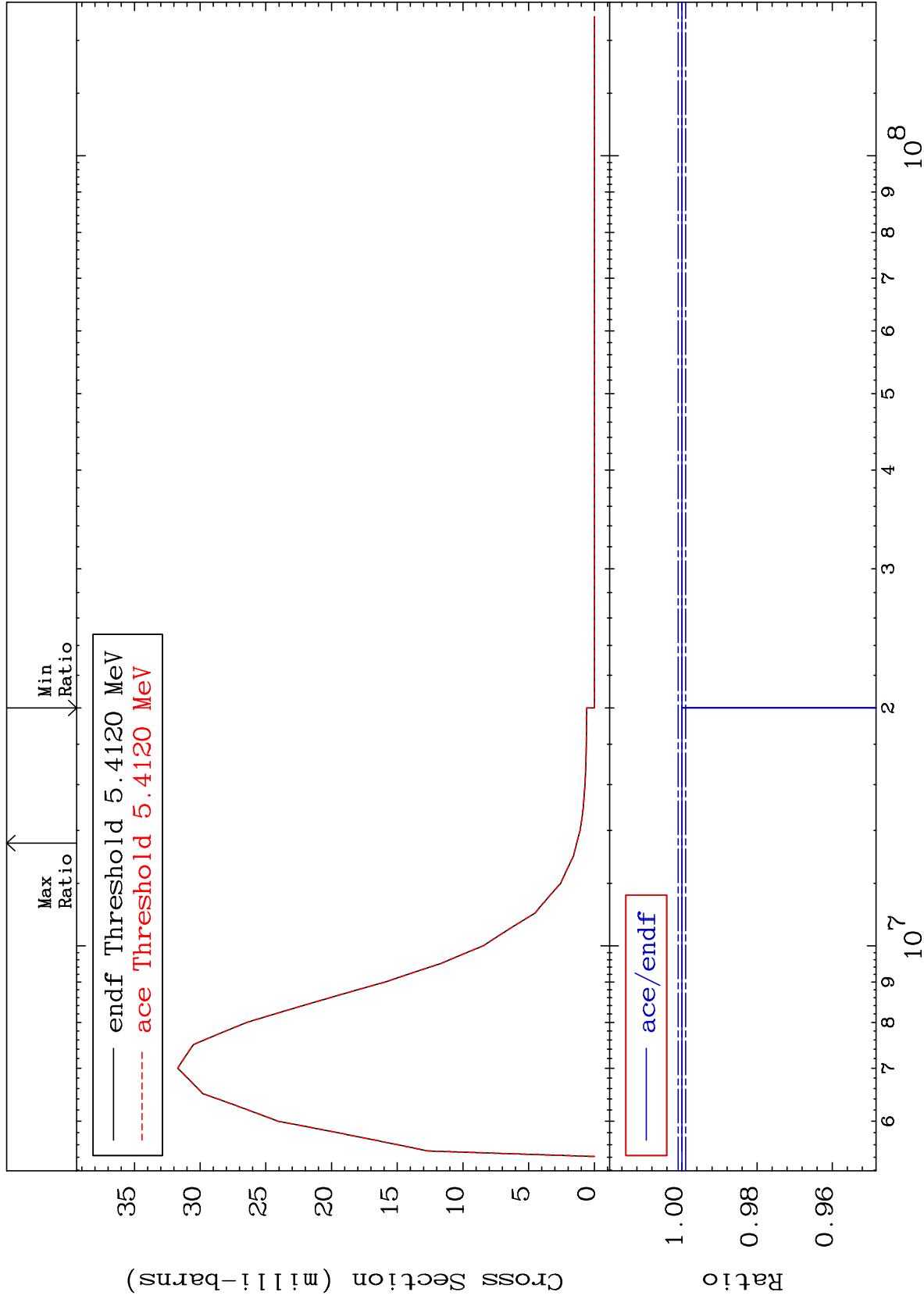
MAT 2025

5.249 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

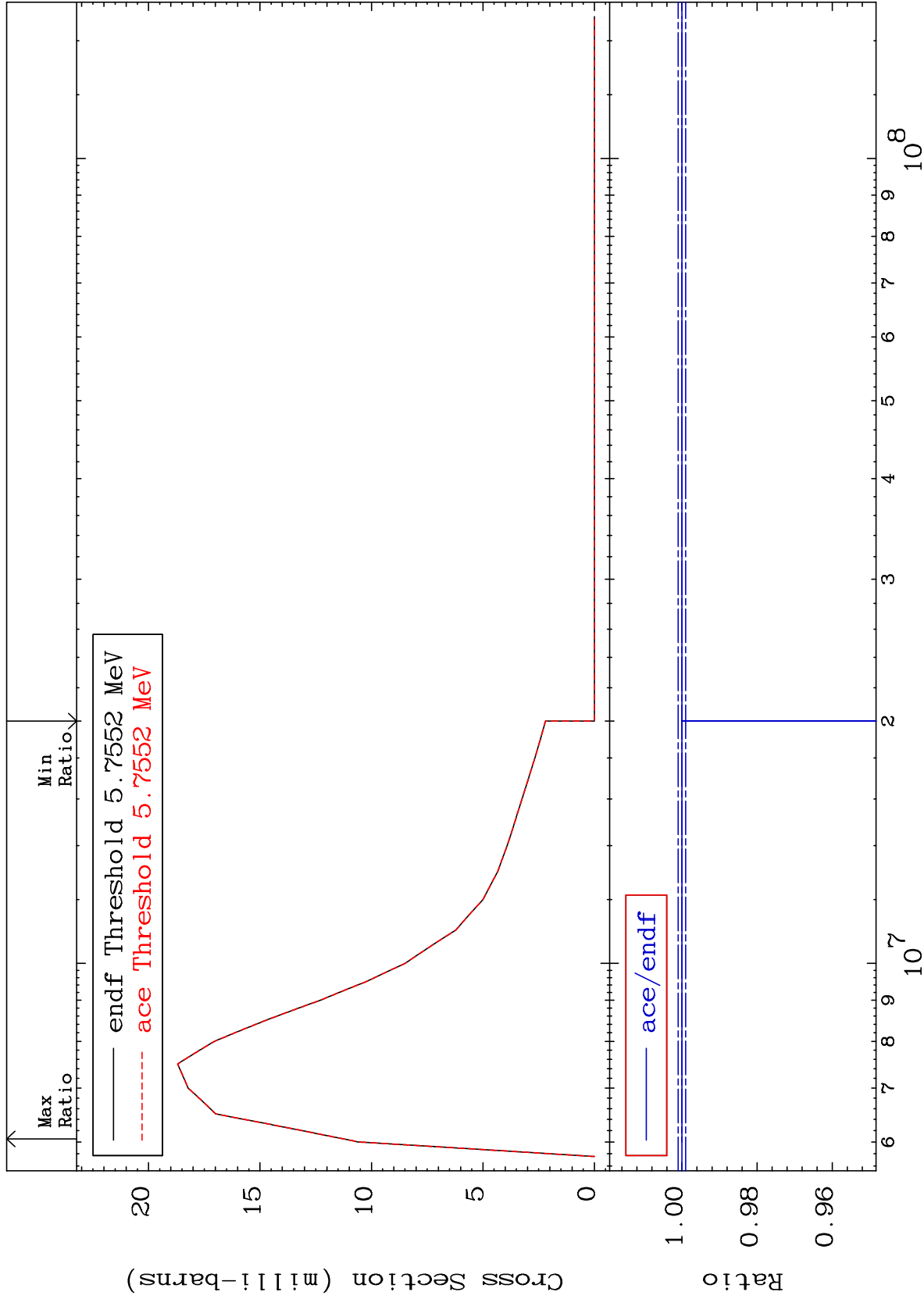


MAT 2025 5.279 MeV (n,n') Level 20-Ca-40
Cross Section -100.0 To 0.000 %

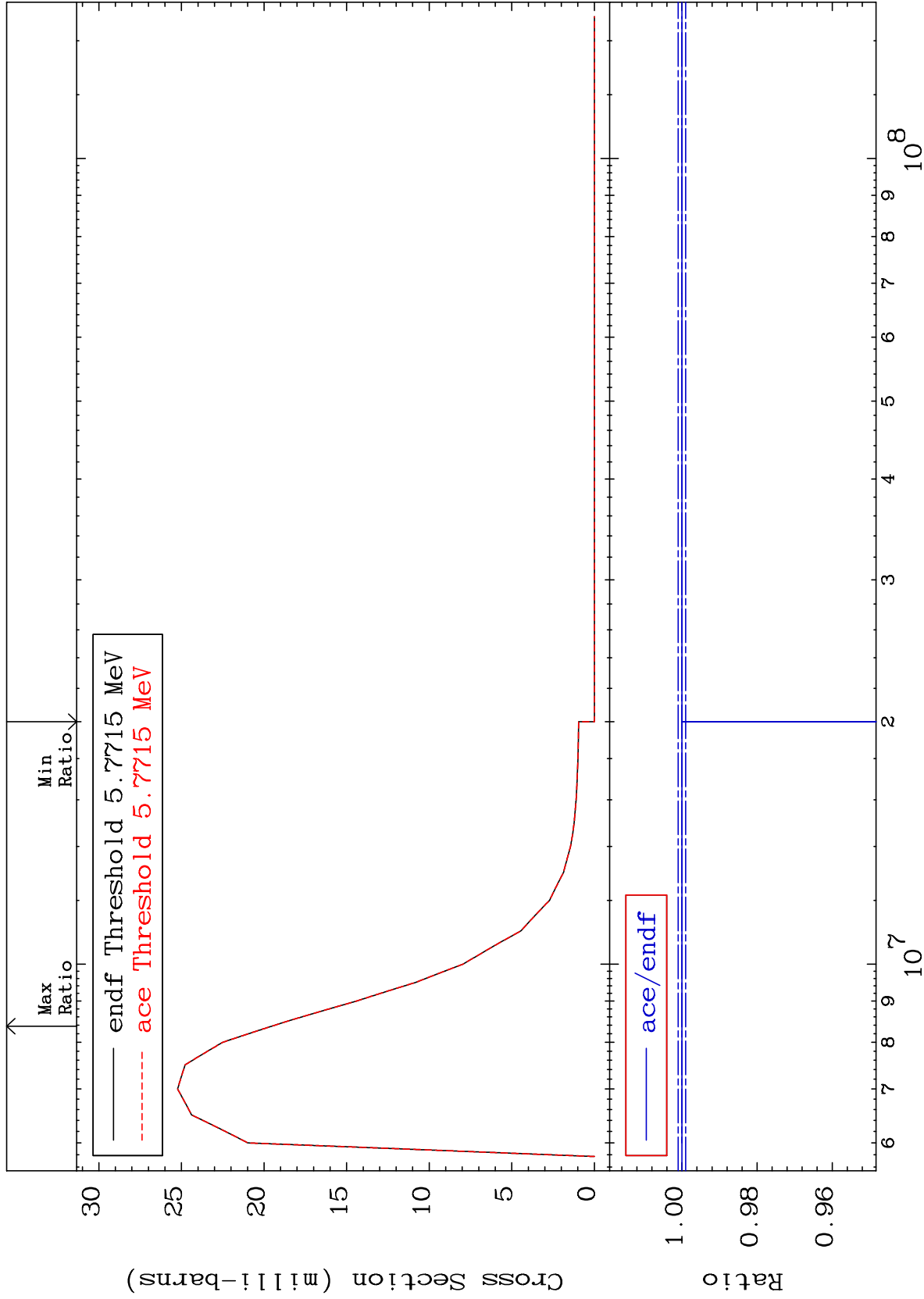


12 Incident Energy (eV) 20-Ca-40

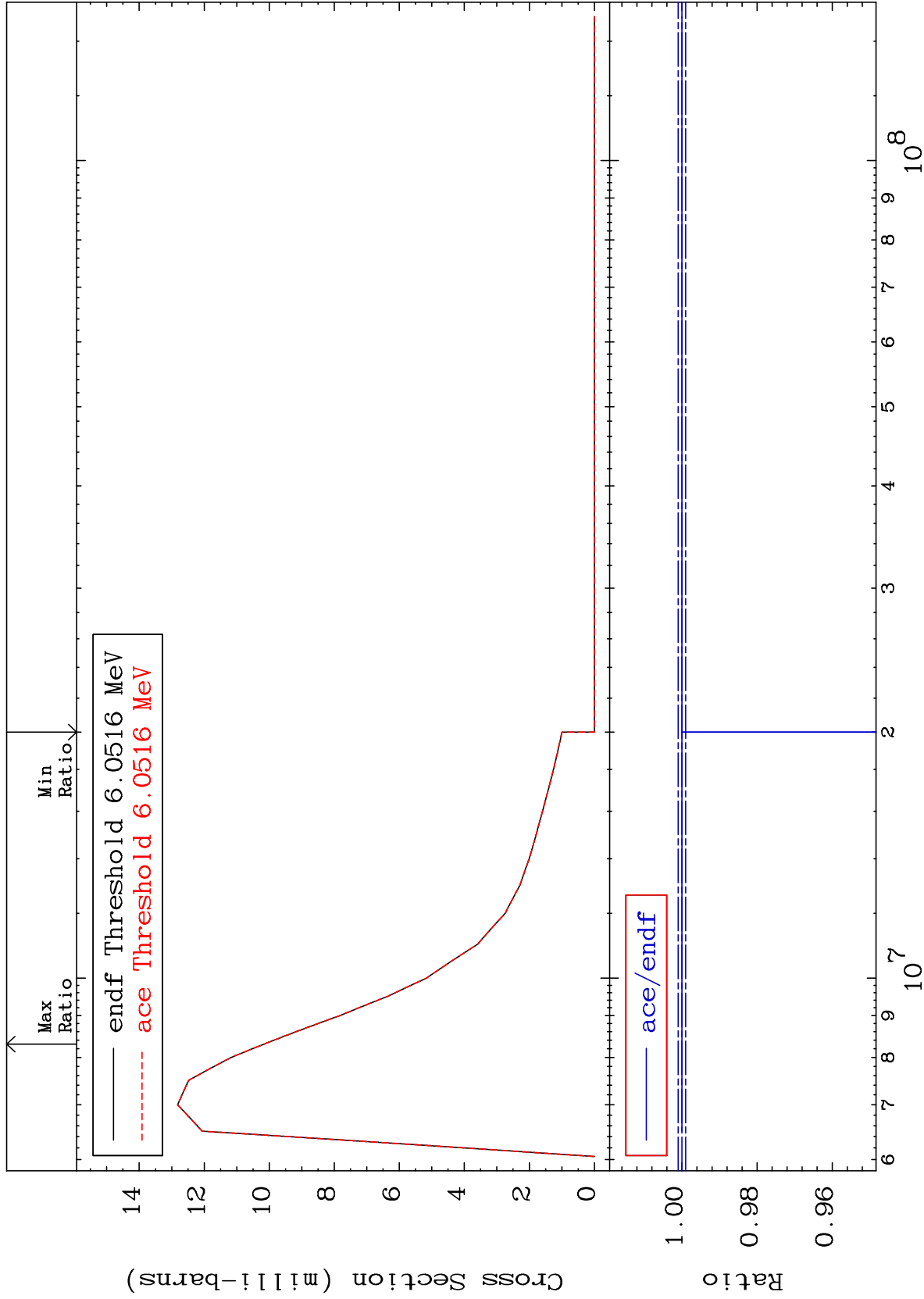
MAT 2025 5.614 MeV (n,n') Level Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025 5.629 MeV (n,n') Level Cross Section -100.0 To 0.000 % 20-Ca-40

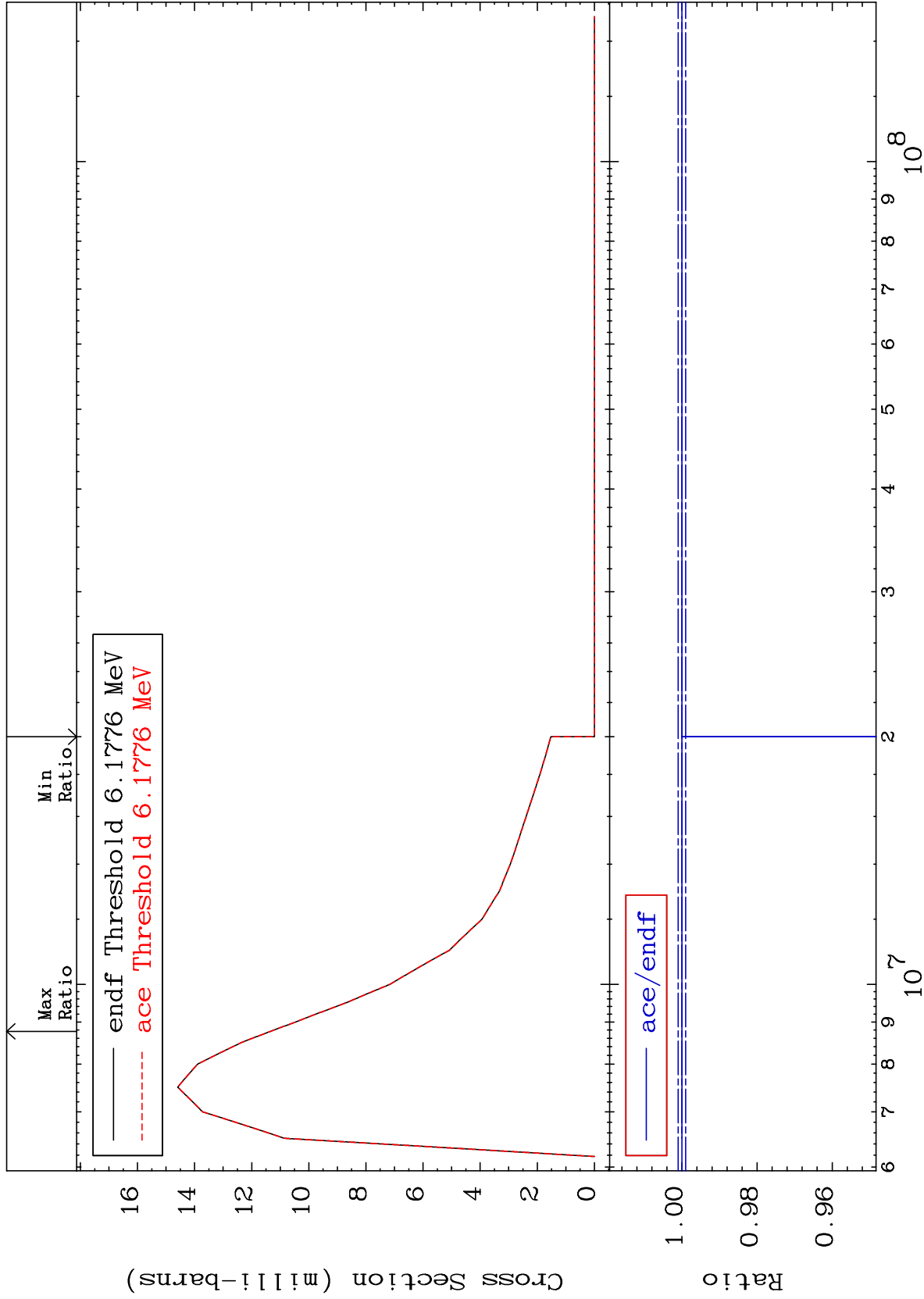


MAT 2025 5.903 MeV (n,n') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



15 Incident Energy (eV) 20-Ca-40

MAT 2025 6.026 MeV (n,n') Level 20-Ca-40
Cross Section -100.0 To 0.000 %



16

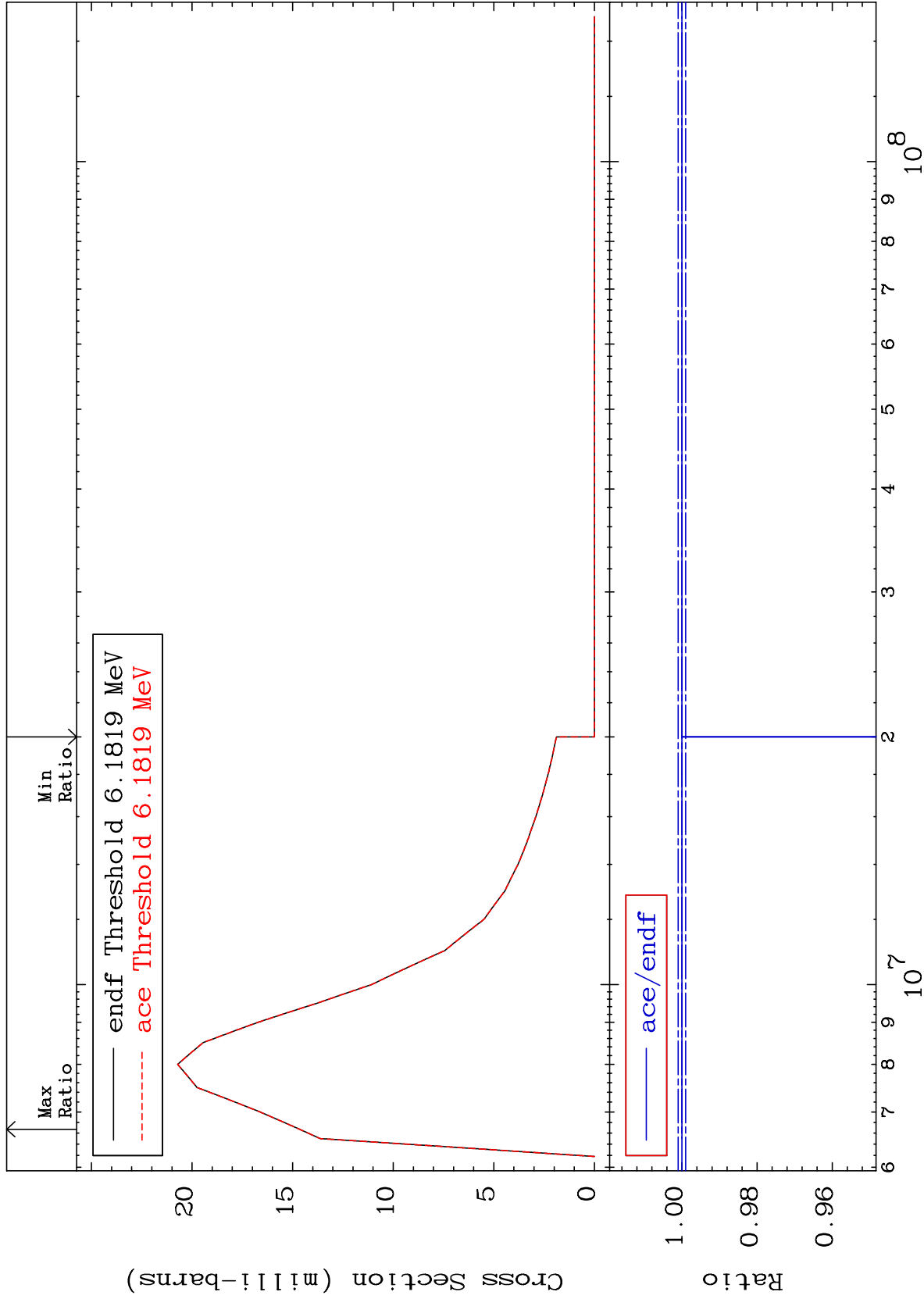
Incident Energy (eV)

20-Ca-40

MAT 2025

6.030 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

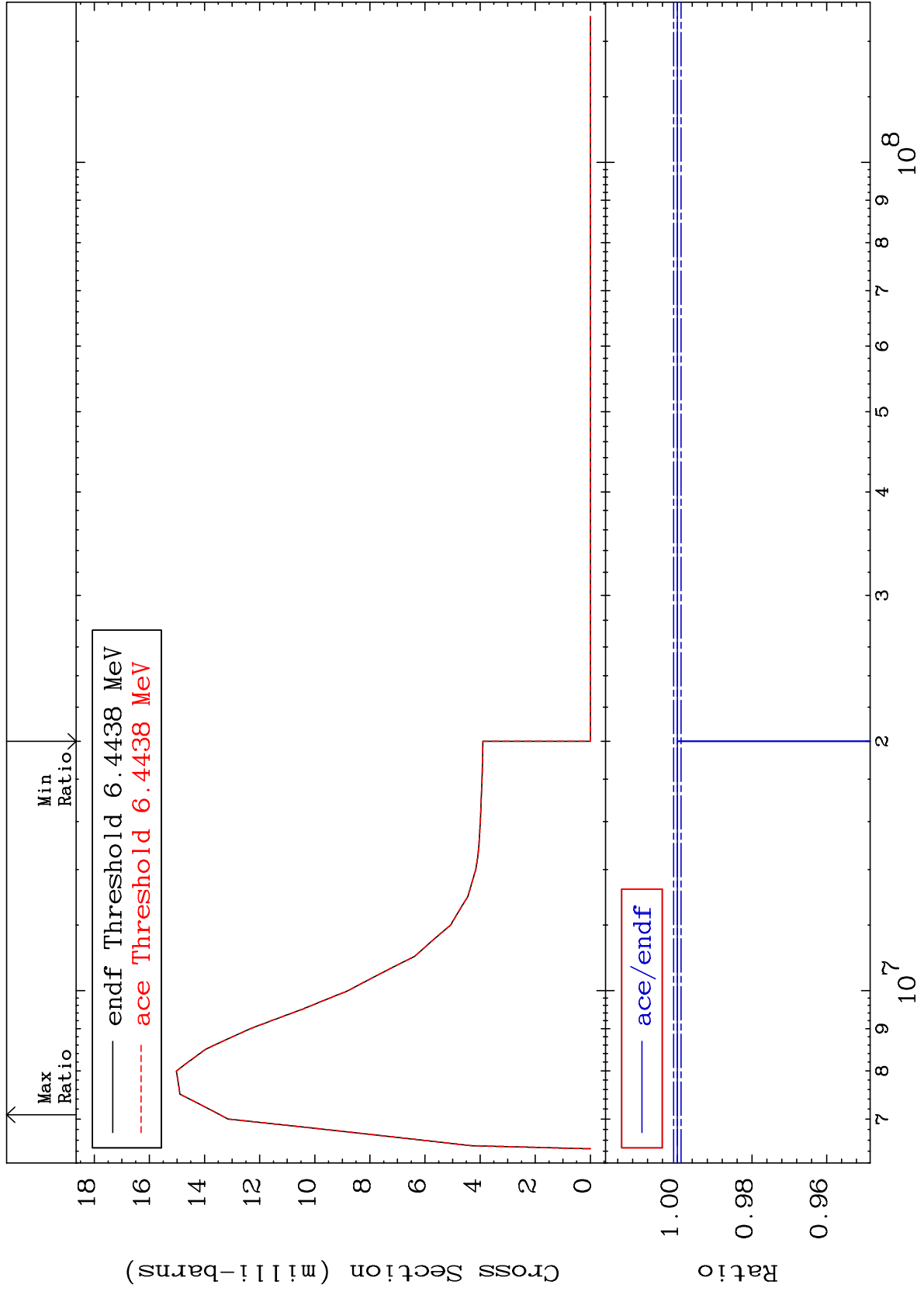


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Incident Energy (eV)

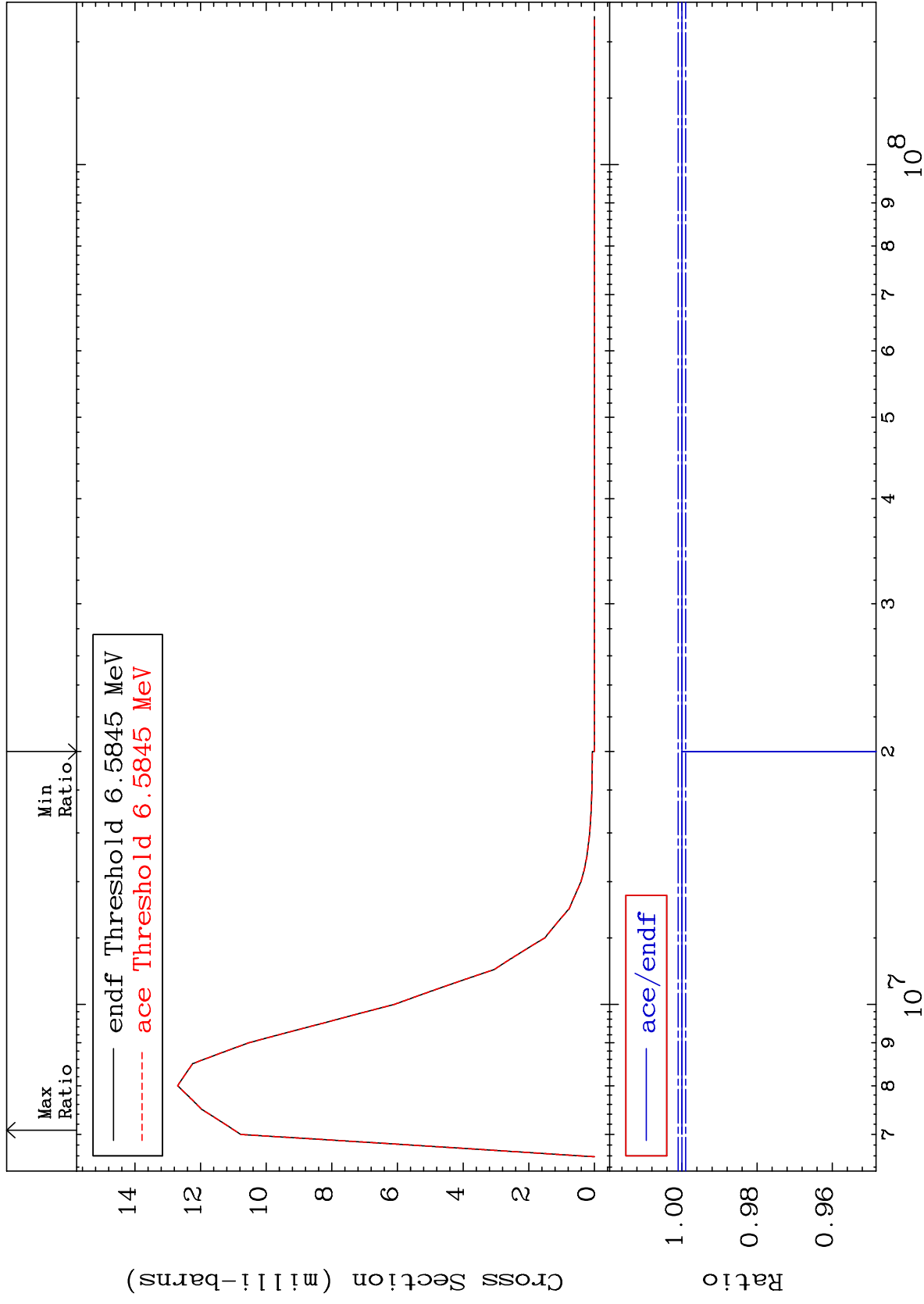
20-Ca-40

MAT 2025 6.285 MeV (n,n') Level 20-Ca-40
Cross Section -100.0 To 0.000 %

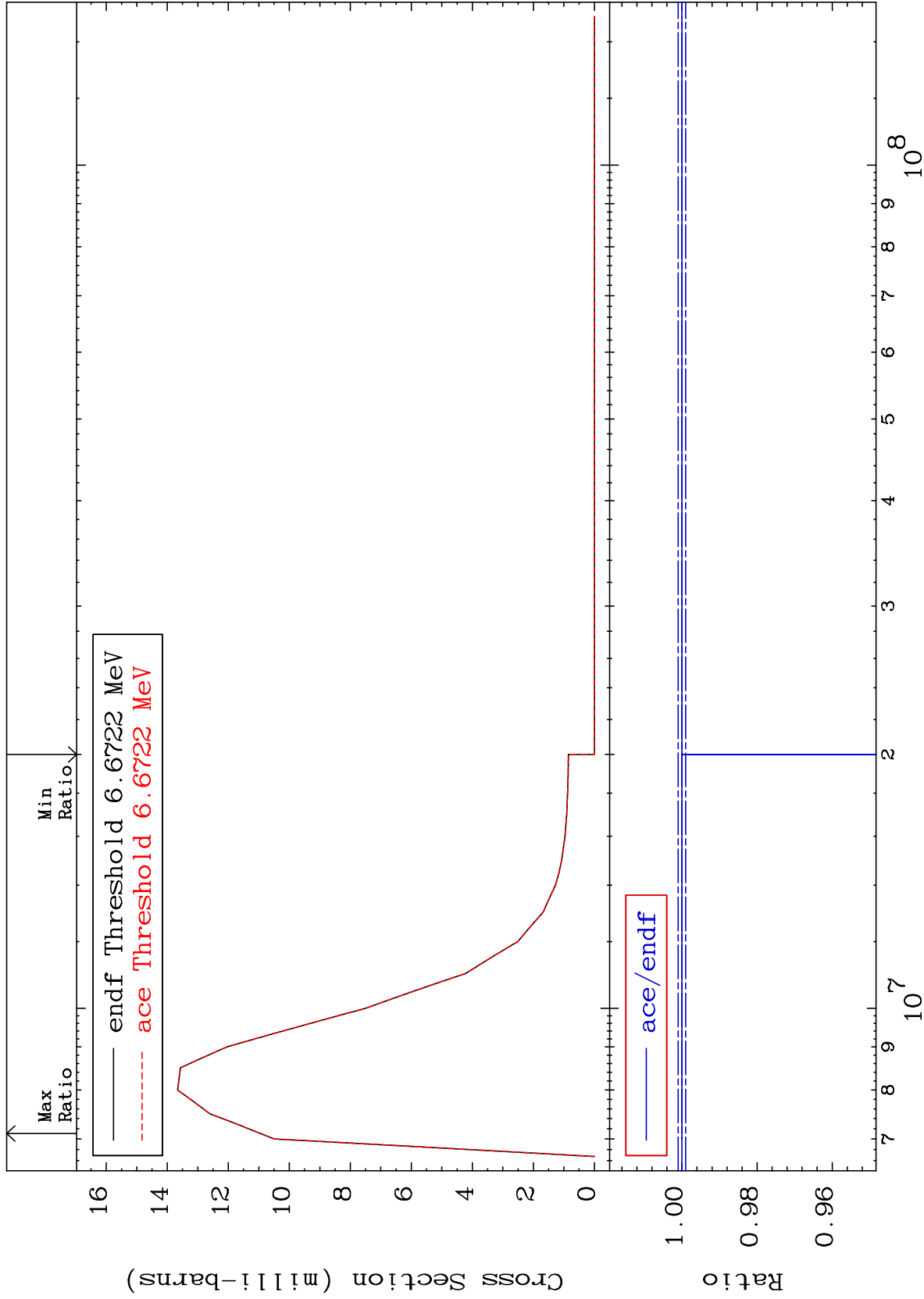


18 Incident Energy (eV) 20-Ca-40

MAT 2025 6.422 MeV (n,n') Level Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025 6.508 MeV (n,n') Level Cross Section 20-Ca-40 -100.0 To 0.000 %

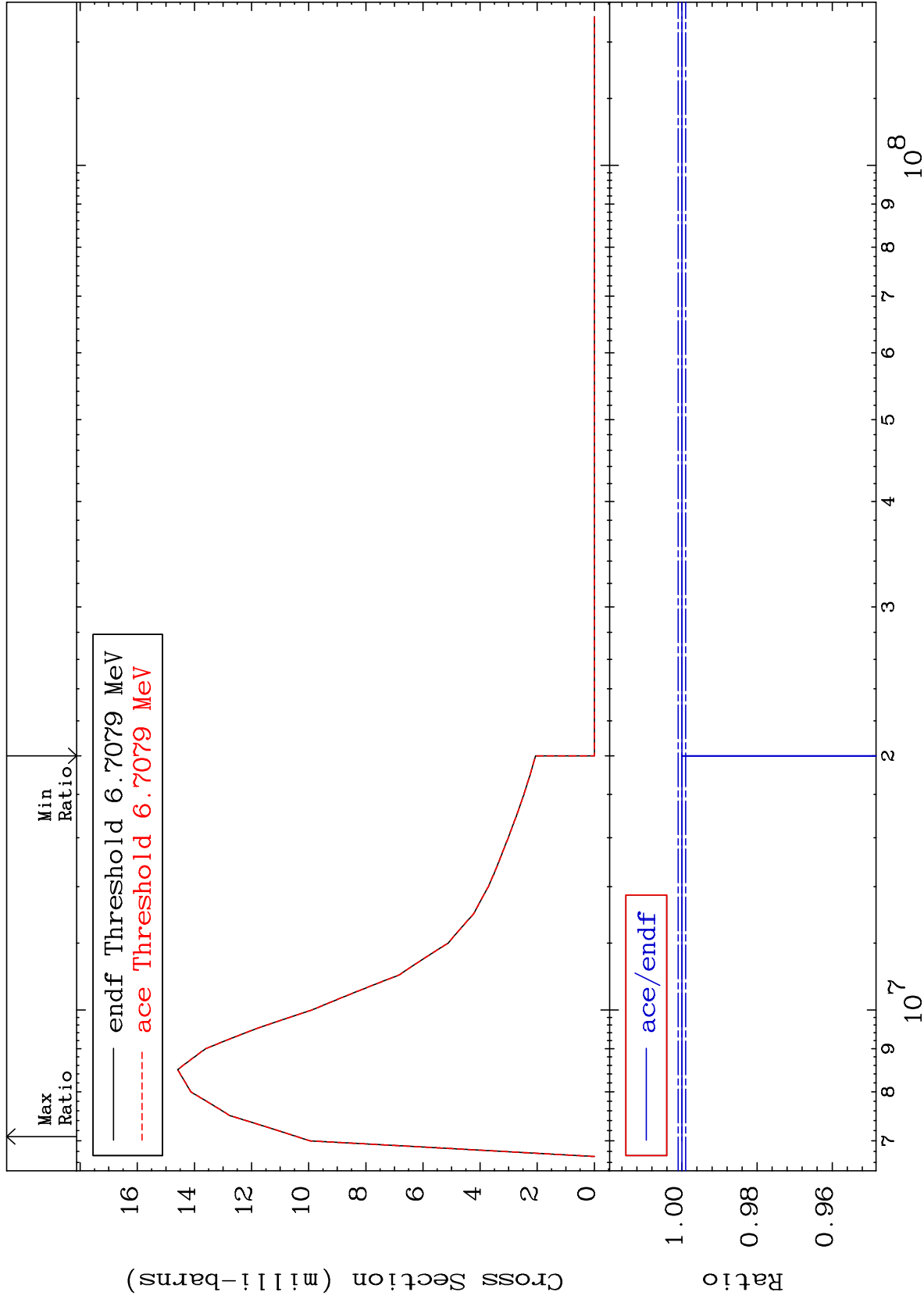


20

Incident Energy (eV)

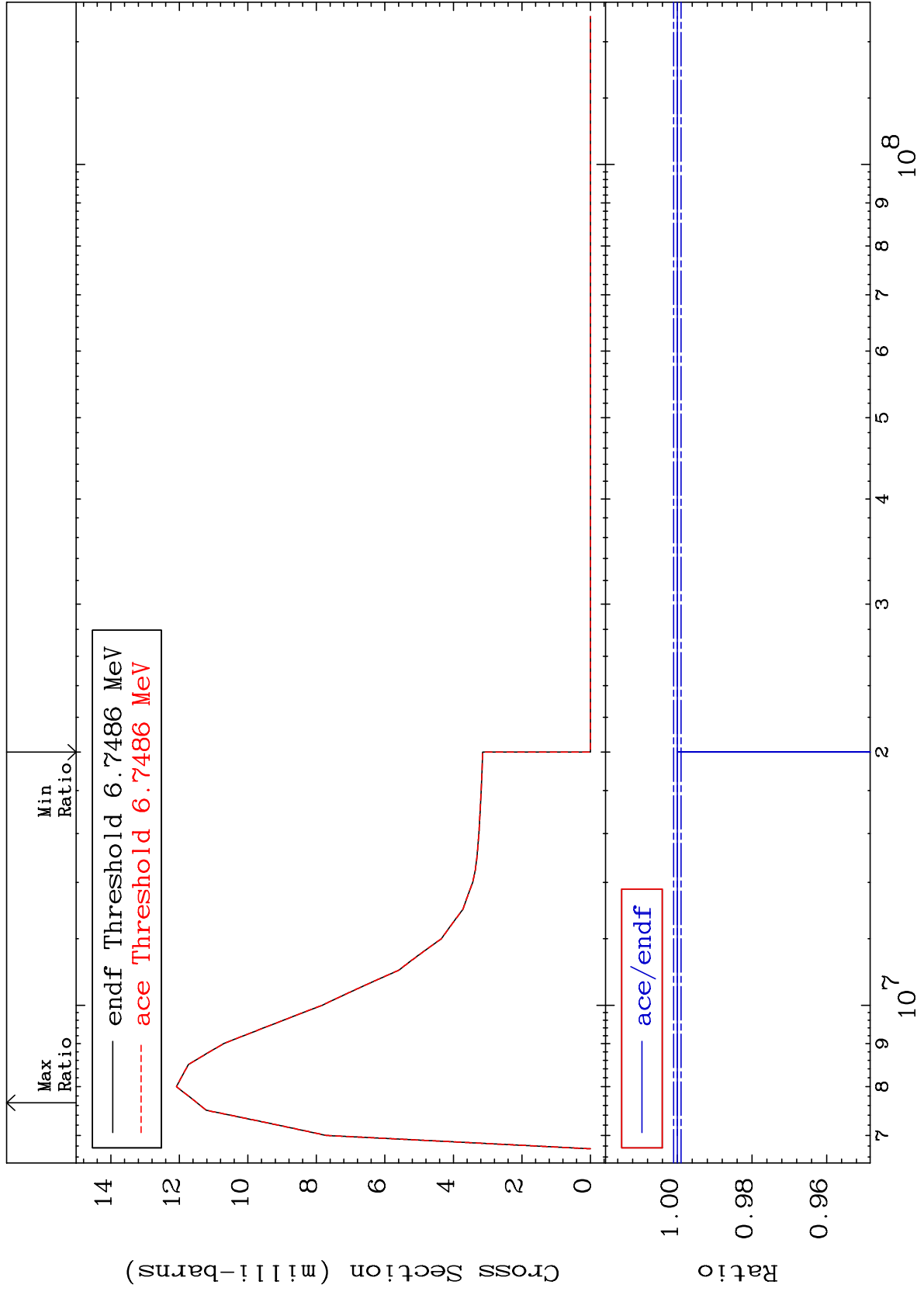
20-Ca-40

MAT 2025 6.543 MeV (n,n') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



21 20-Ca-40 Incident Energy (eV)

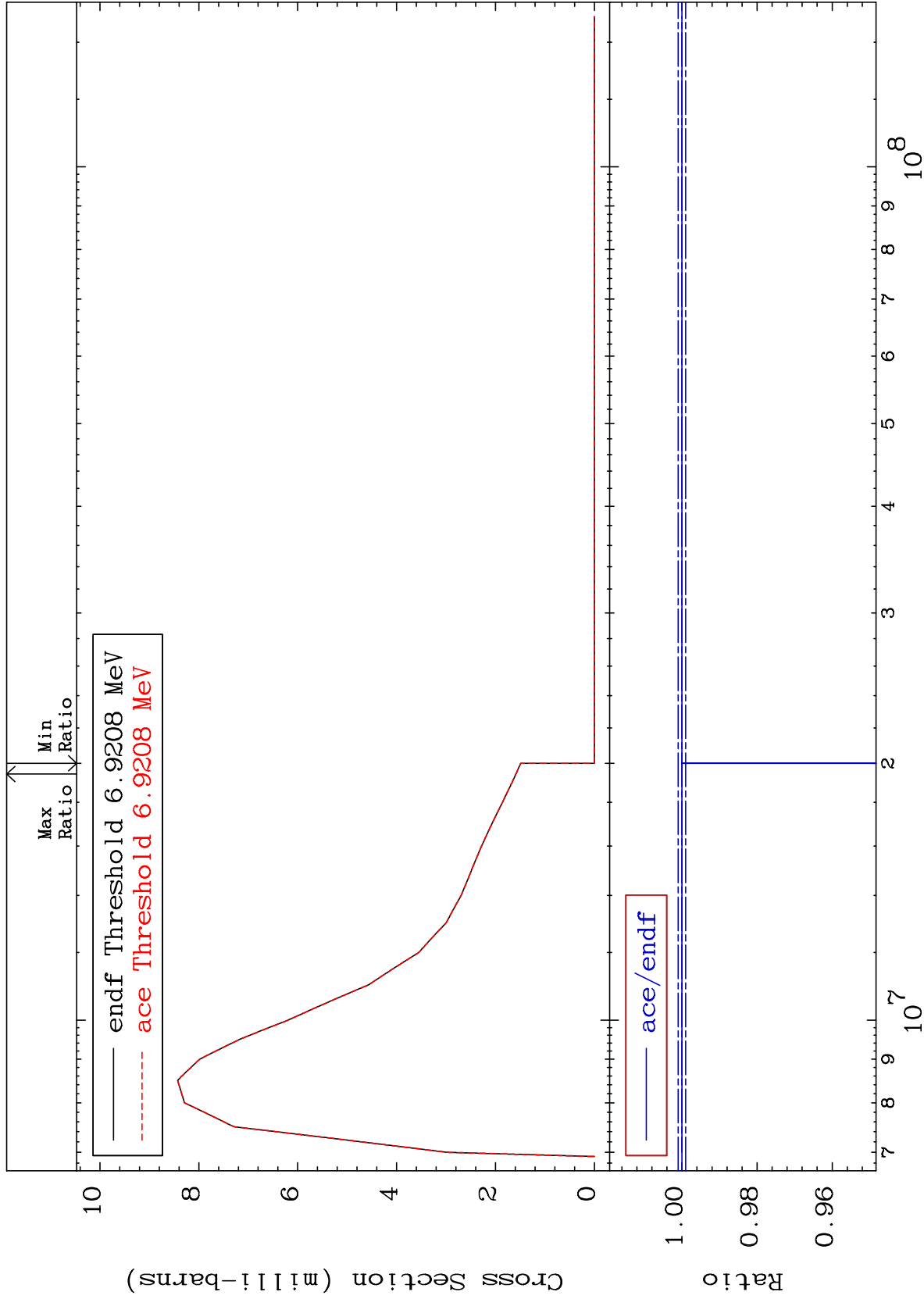
MAT 2025 6.583 MeV (n,n') Level 20-Ca-40
Cross Section -100.0 To 0.000 %



MAT 2025

6.750 MeV (n,n') Level
Cross Section

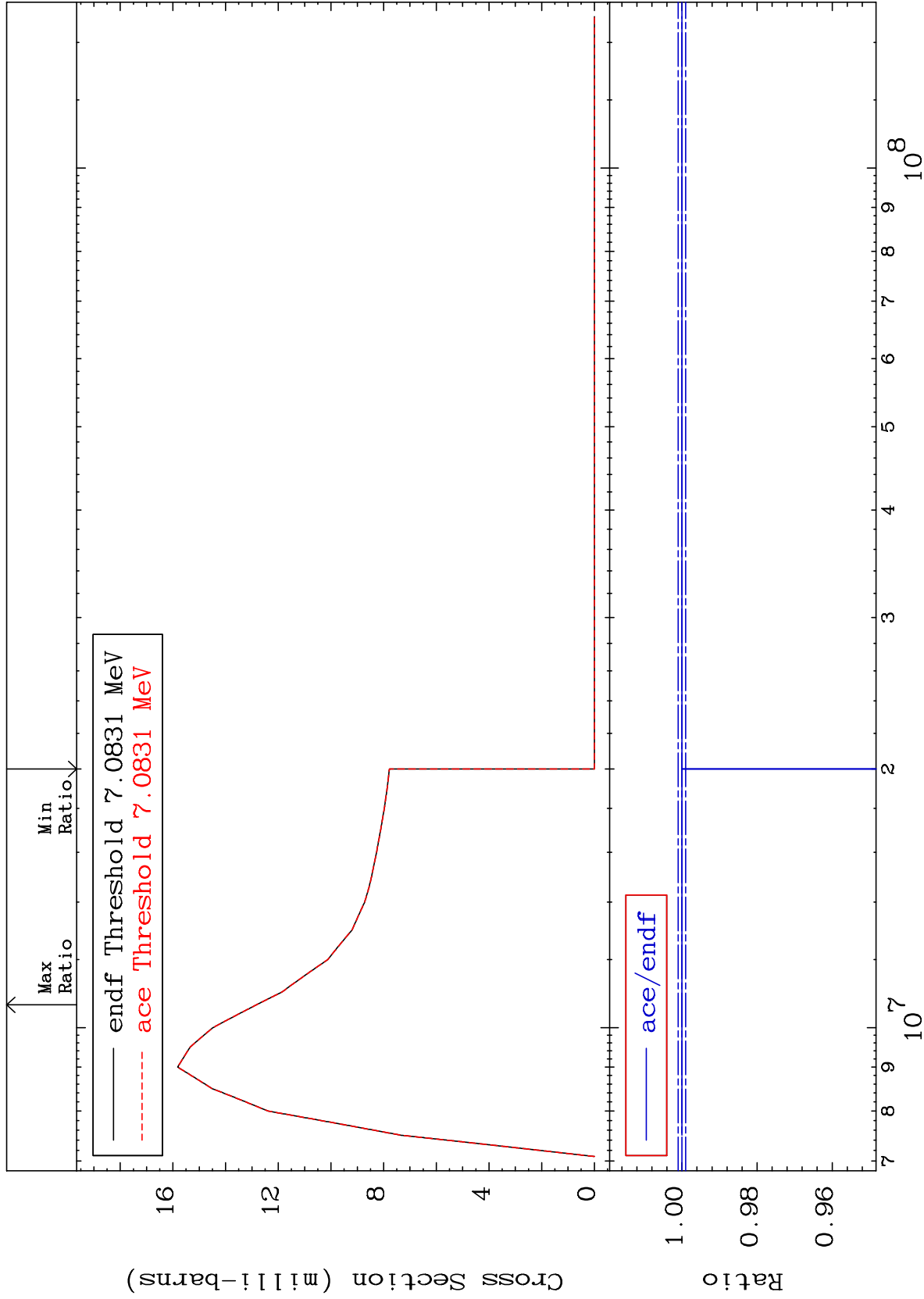
20-Ca-40
-100.0 To 0.000 %



MAT 2025

6.909 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



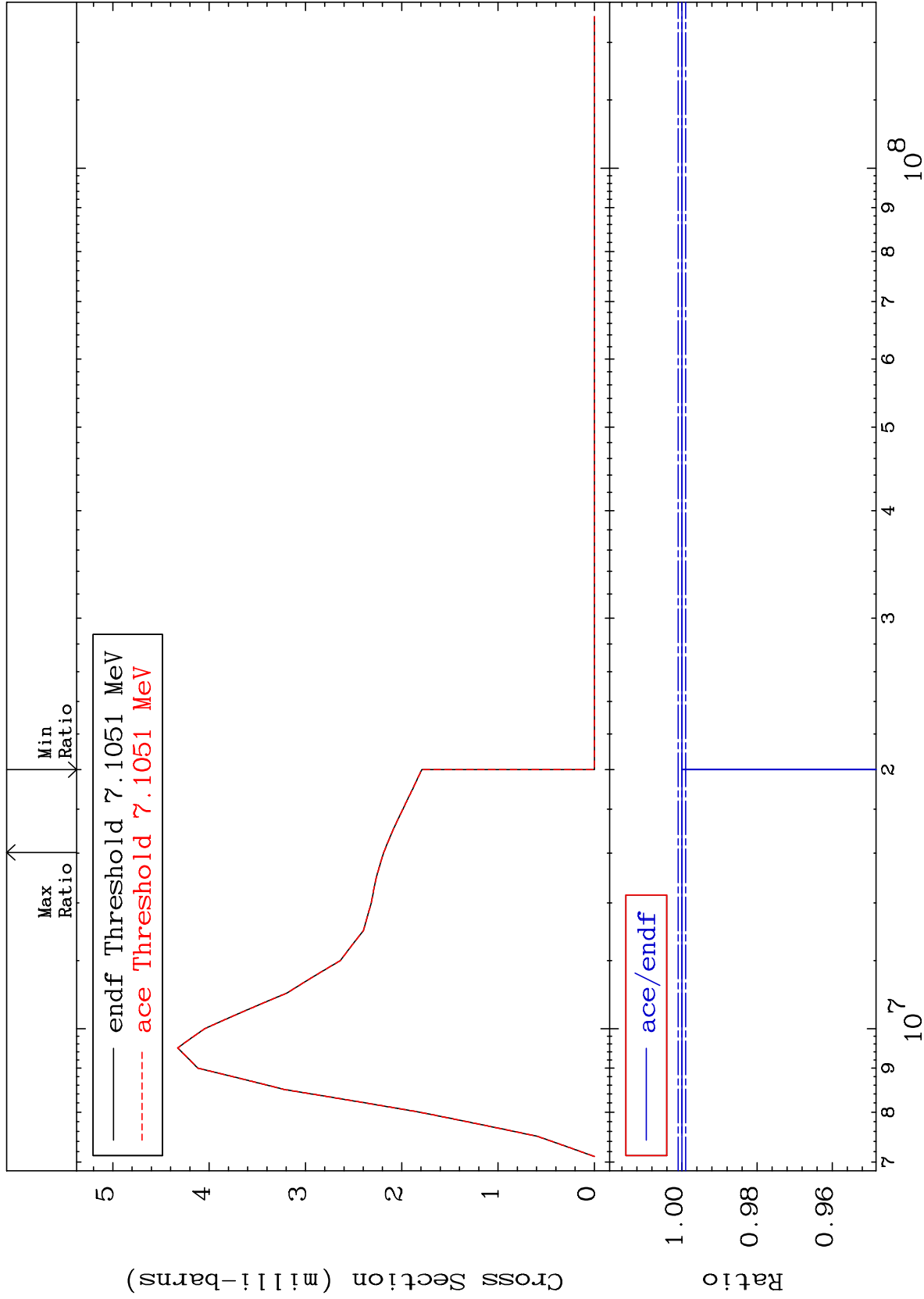
24

20-Ca-40

MAT 2025

6.930 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



25

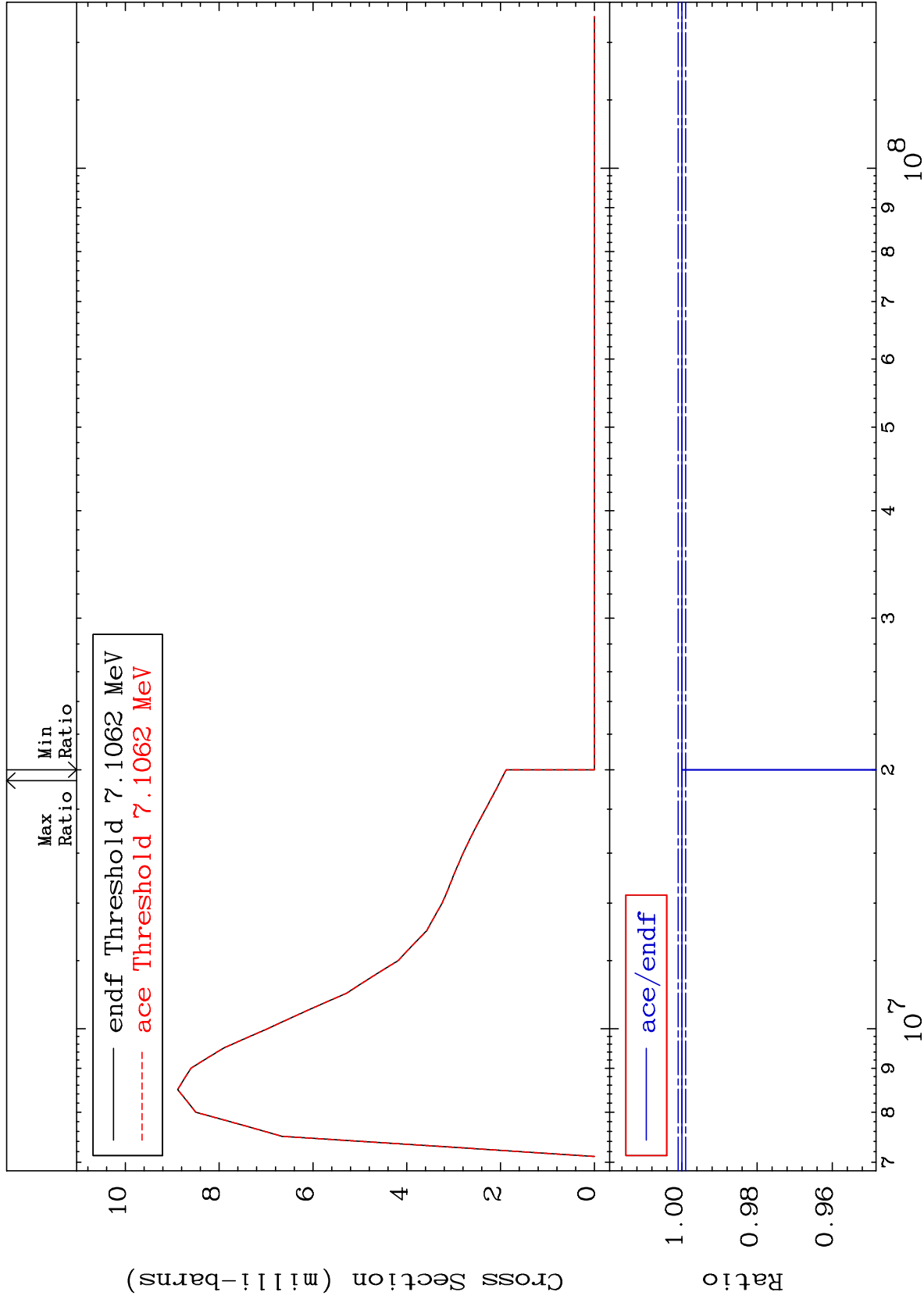
Incident Energy (eV)

20-Ca-40

MAT 2025

6.931 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



26

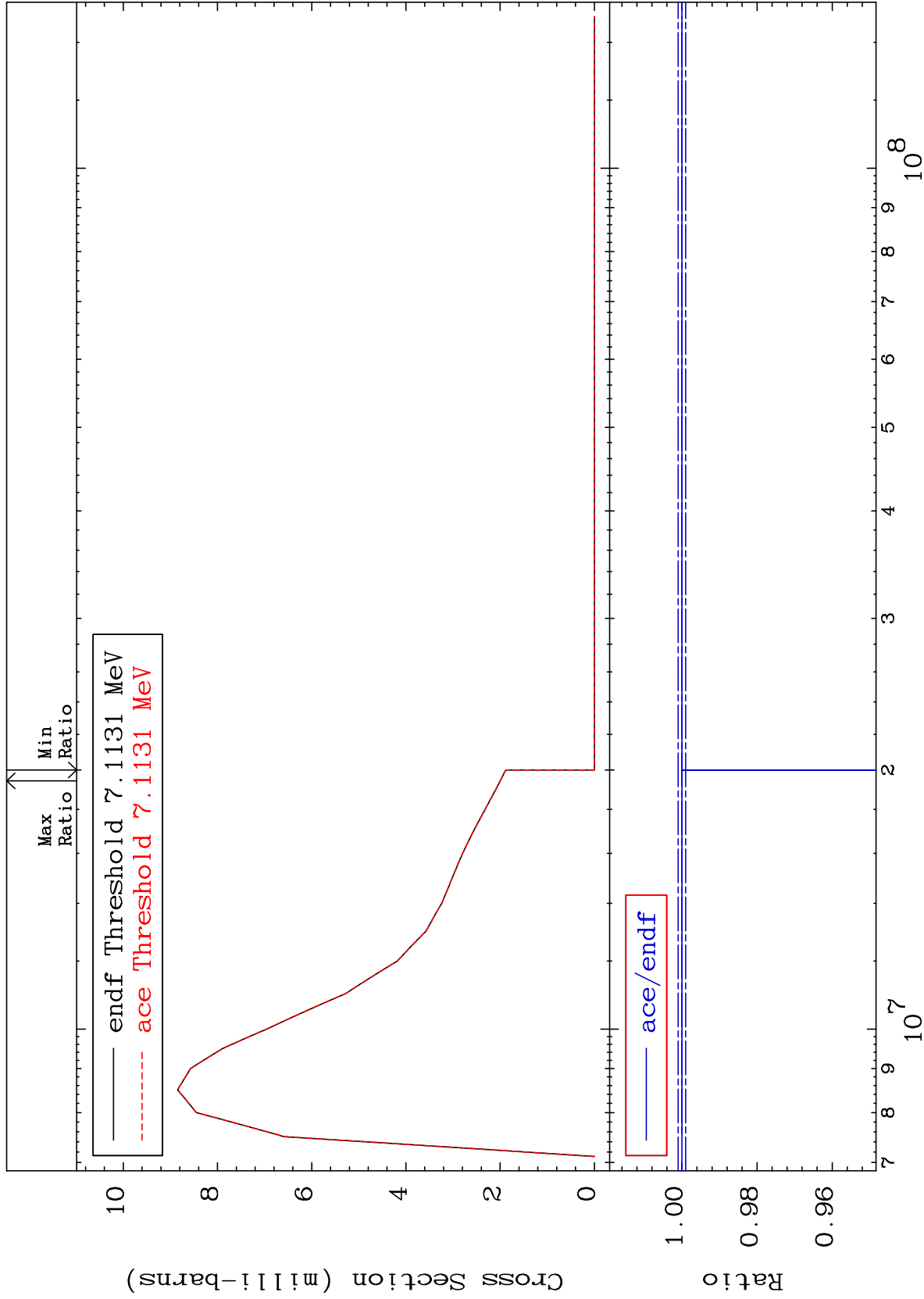
Incident Energy (eV)

20-Ca-40

MAT 2025

6.938 MeV (n,n') Level
Cross Section

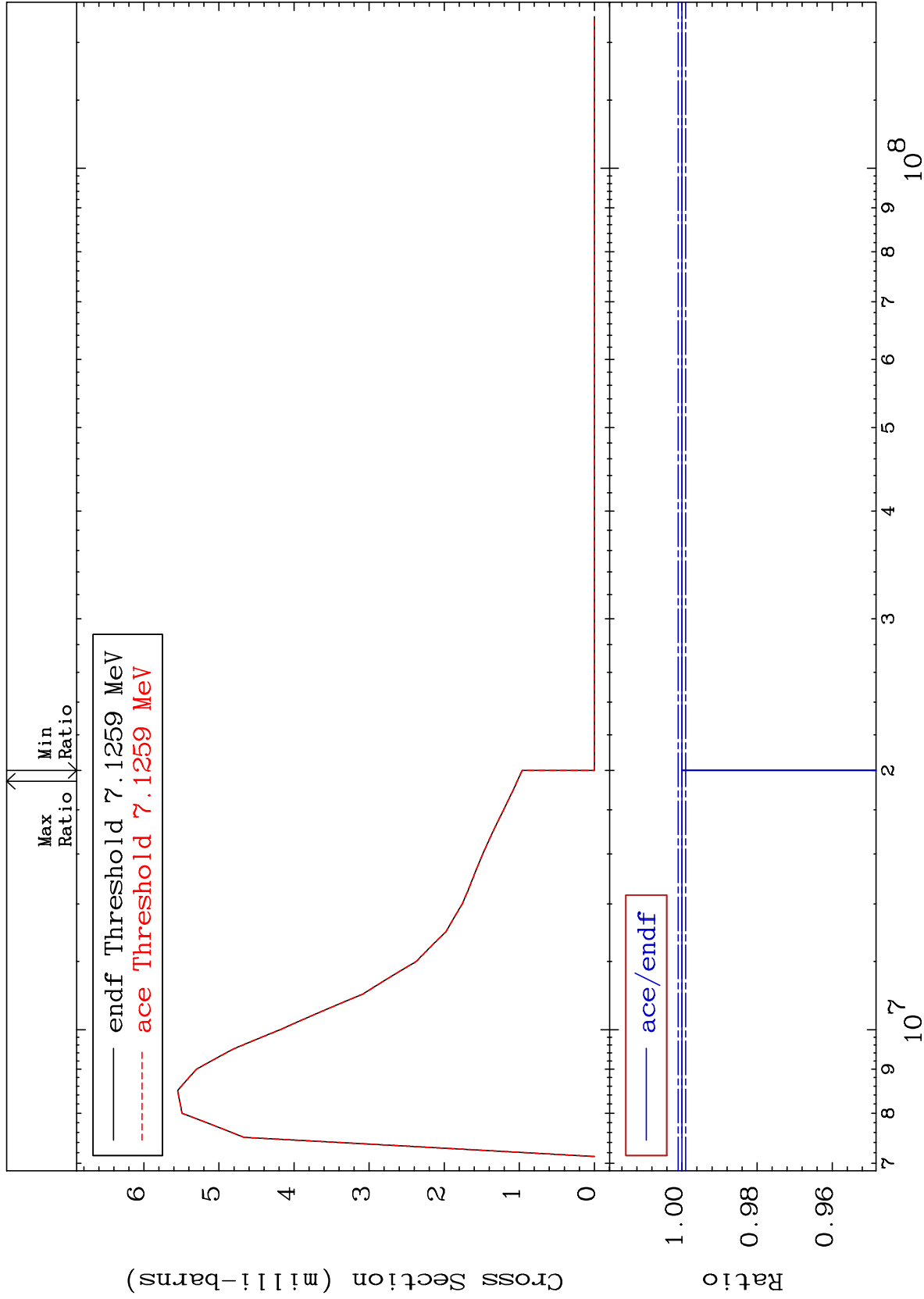
20-Ca-40
-100.0 To 0.000 %



MAT 2025

6.951 MeV (n,n') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



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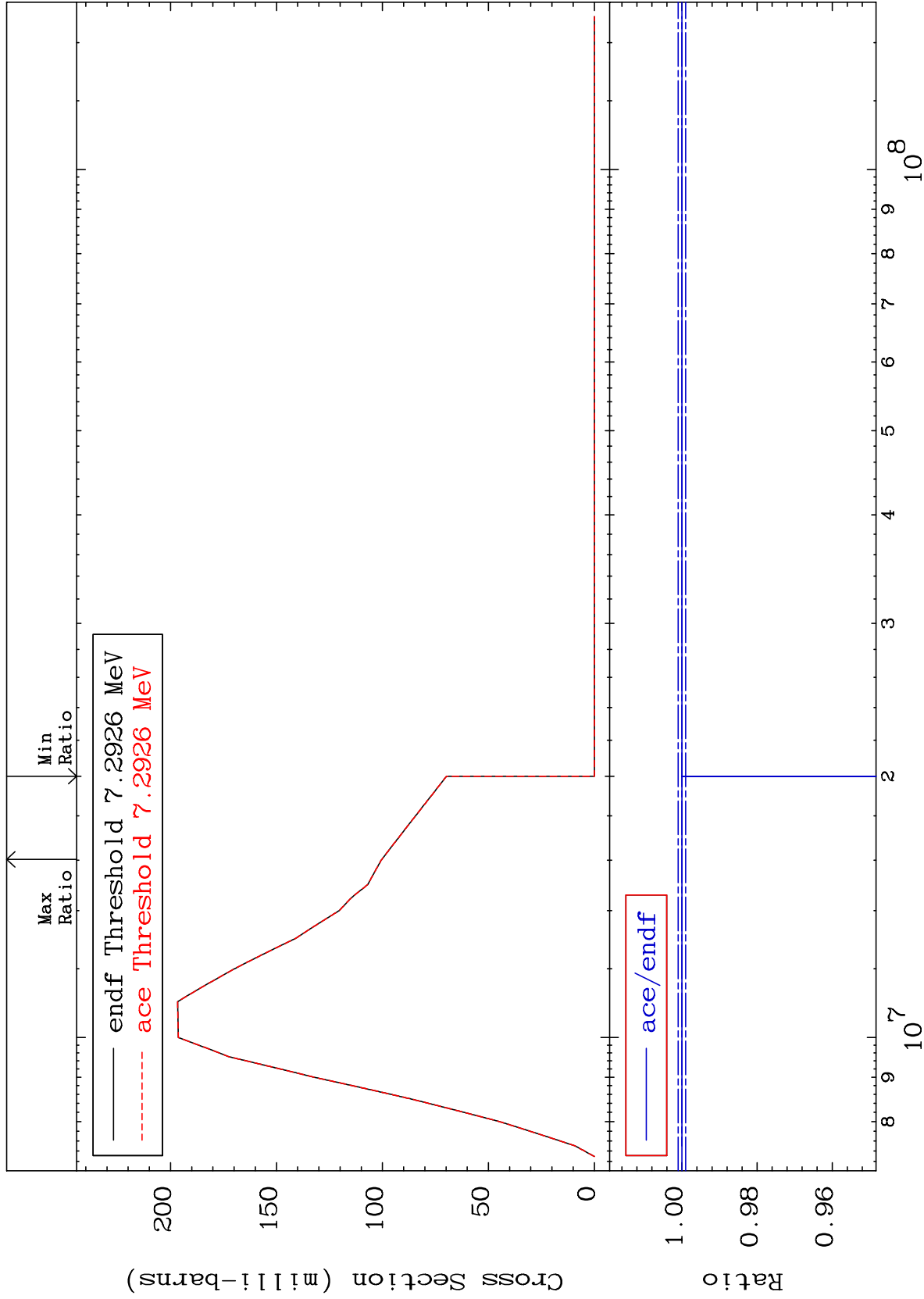
Incident Energy (eV)

20-Ca-40

MAT 2025

(n,n') Continuum
Cross Section

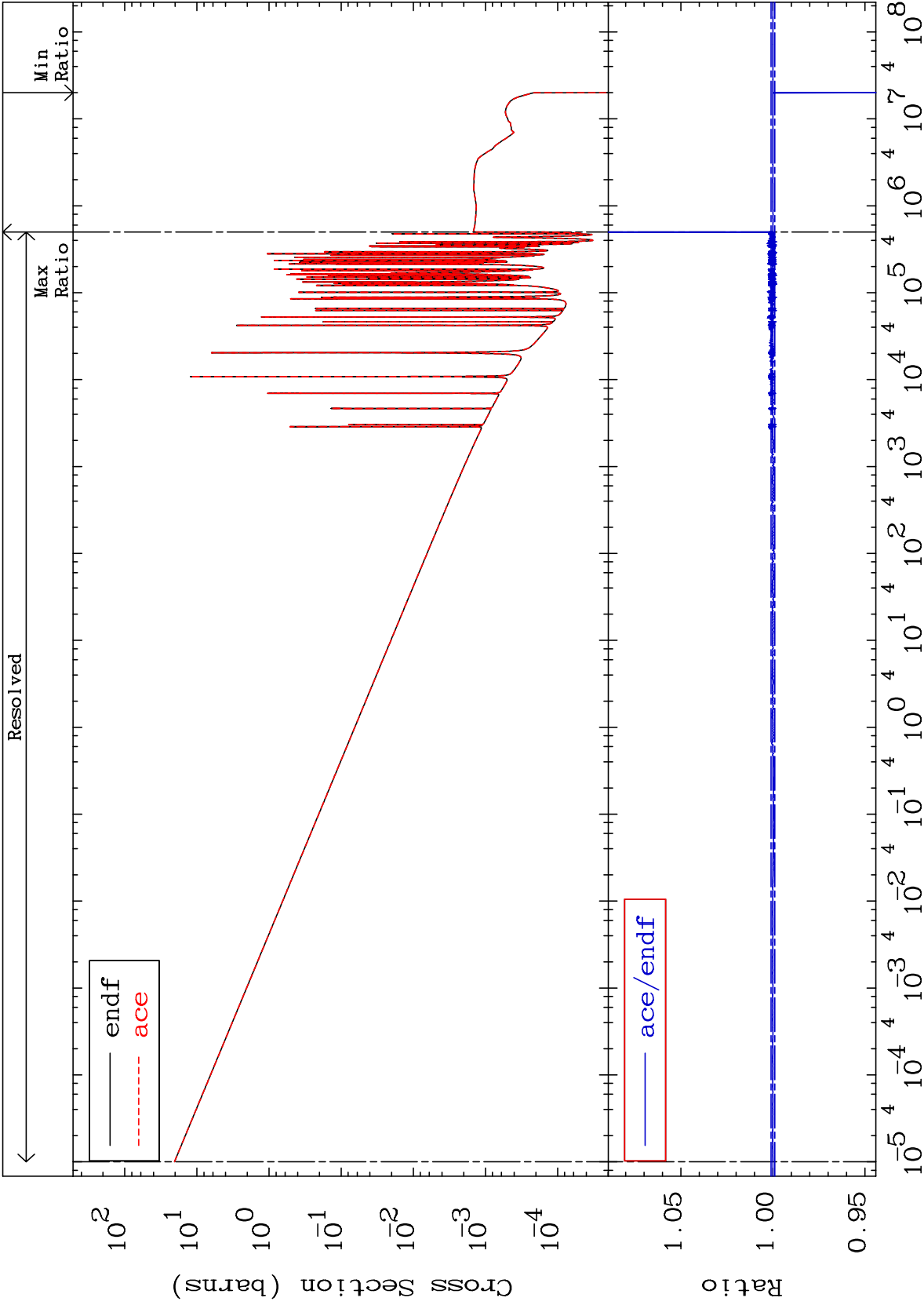
20-Ca-40
-100.0 To 0.000 %



MAT 2025

(n, γ)
Cross Section

20-Ca-40
-100.0 To 75.64 %



30

Incident Energy (eV)

20-Ca-40

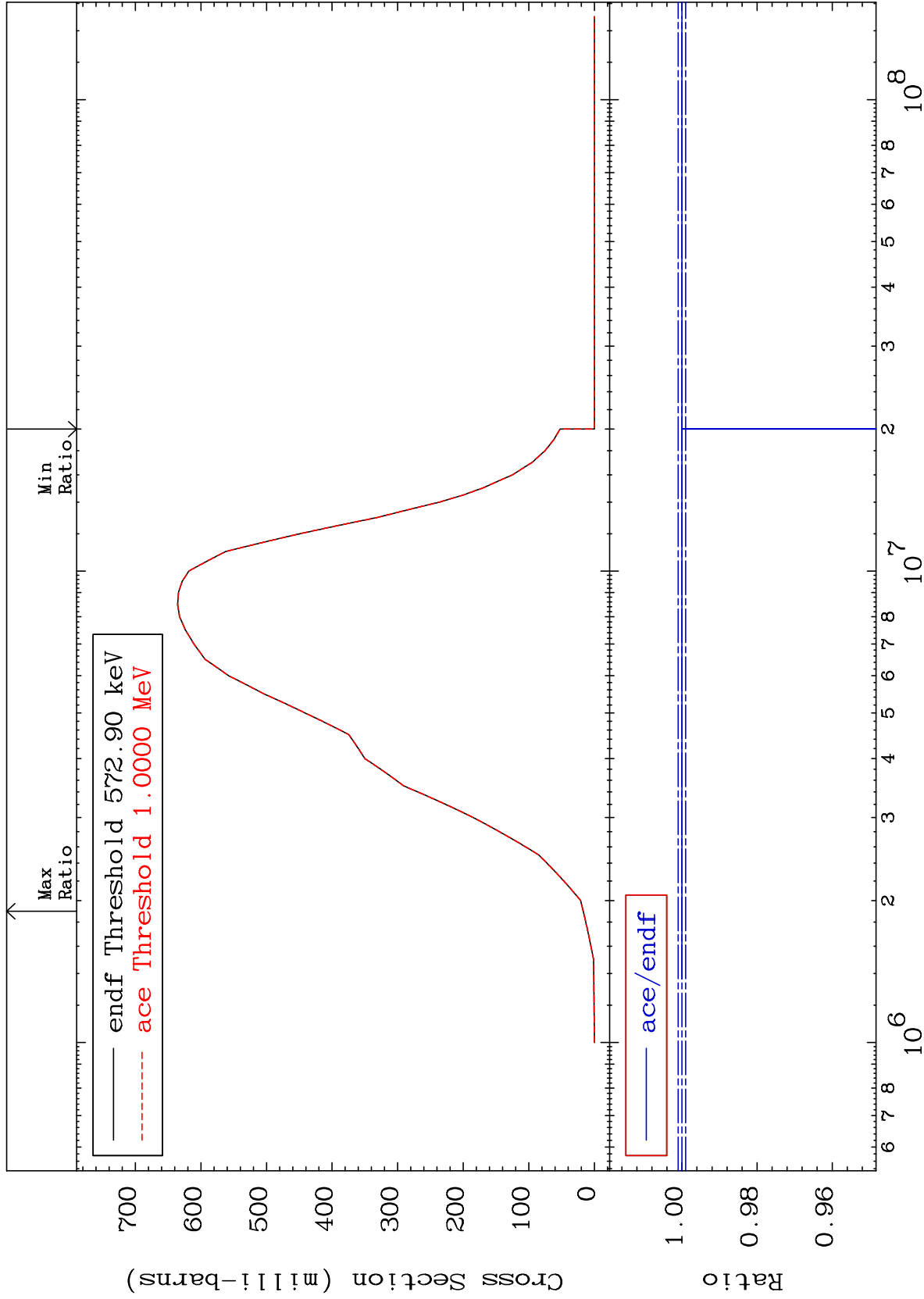
MAT 2025

(n,p)

20-Ca-40

Cross Section

-100.0 To 0.000 %



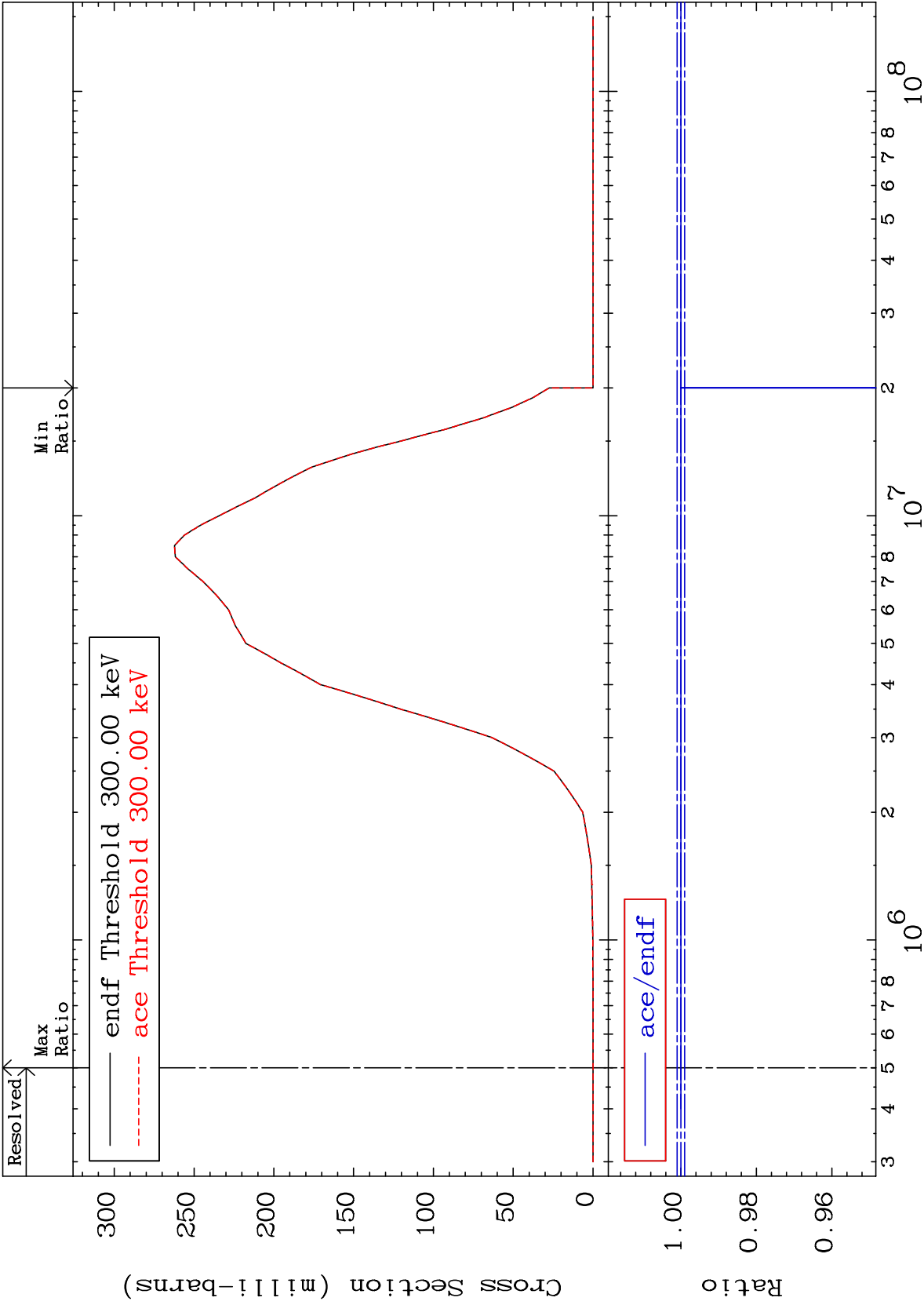
MAT 2025

(n, α)

20-Ca-40

Cross Section

-100.0 To 0.000 %



32

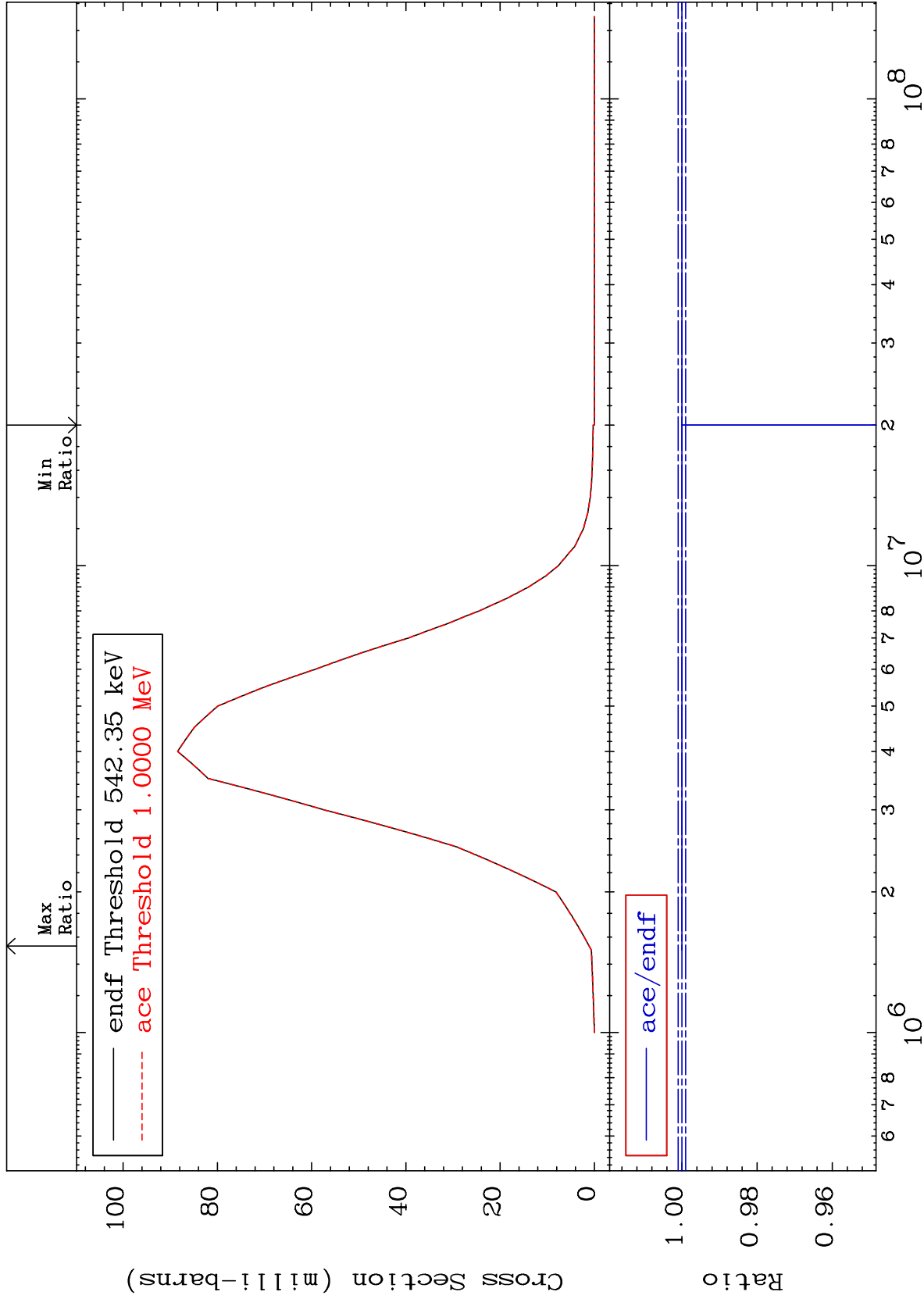
Incident Energy (eV)

20-Ca-40

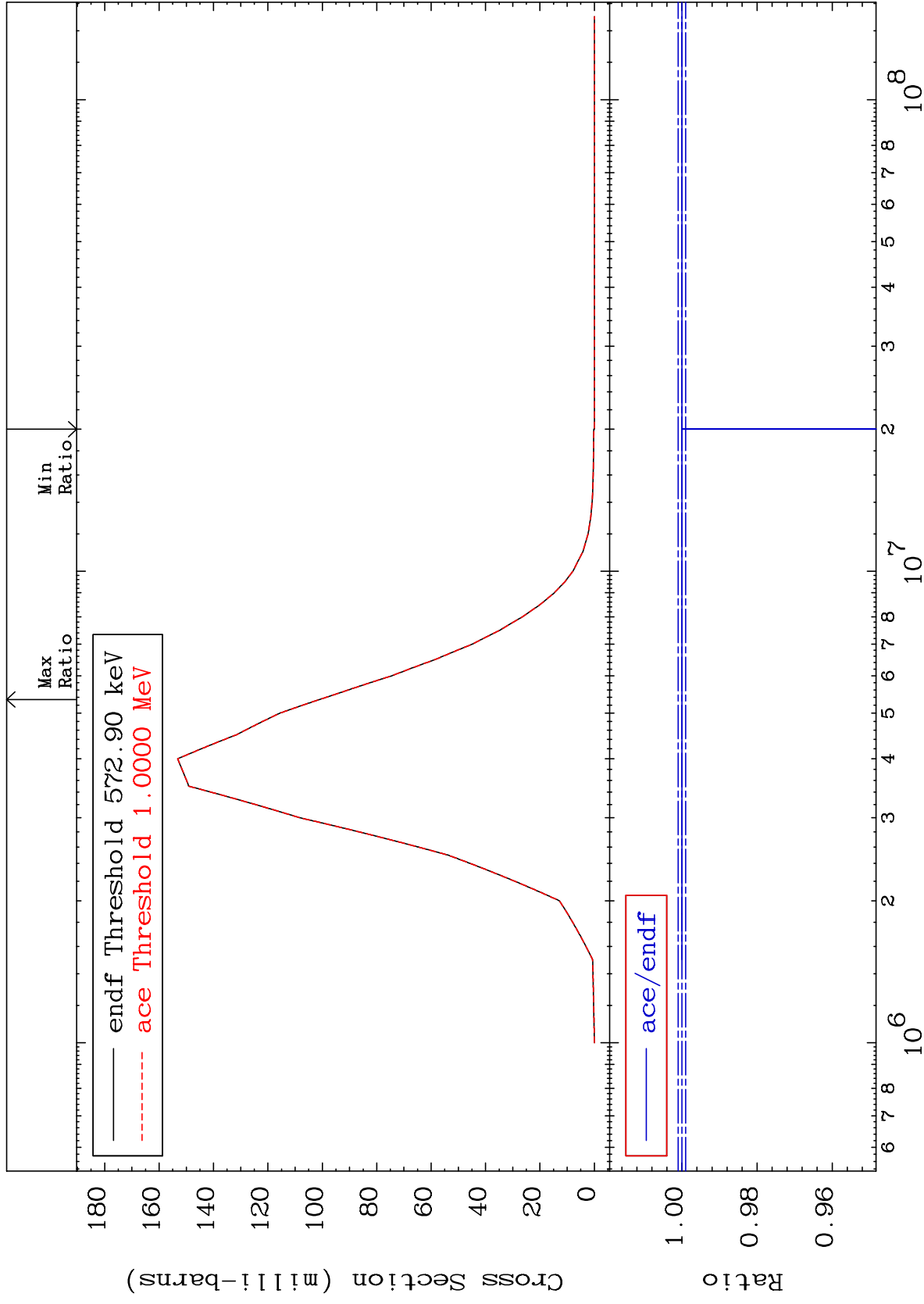
MAT 2025

(n, p') Ground
Cross Section

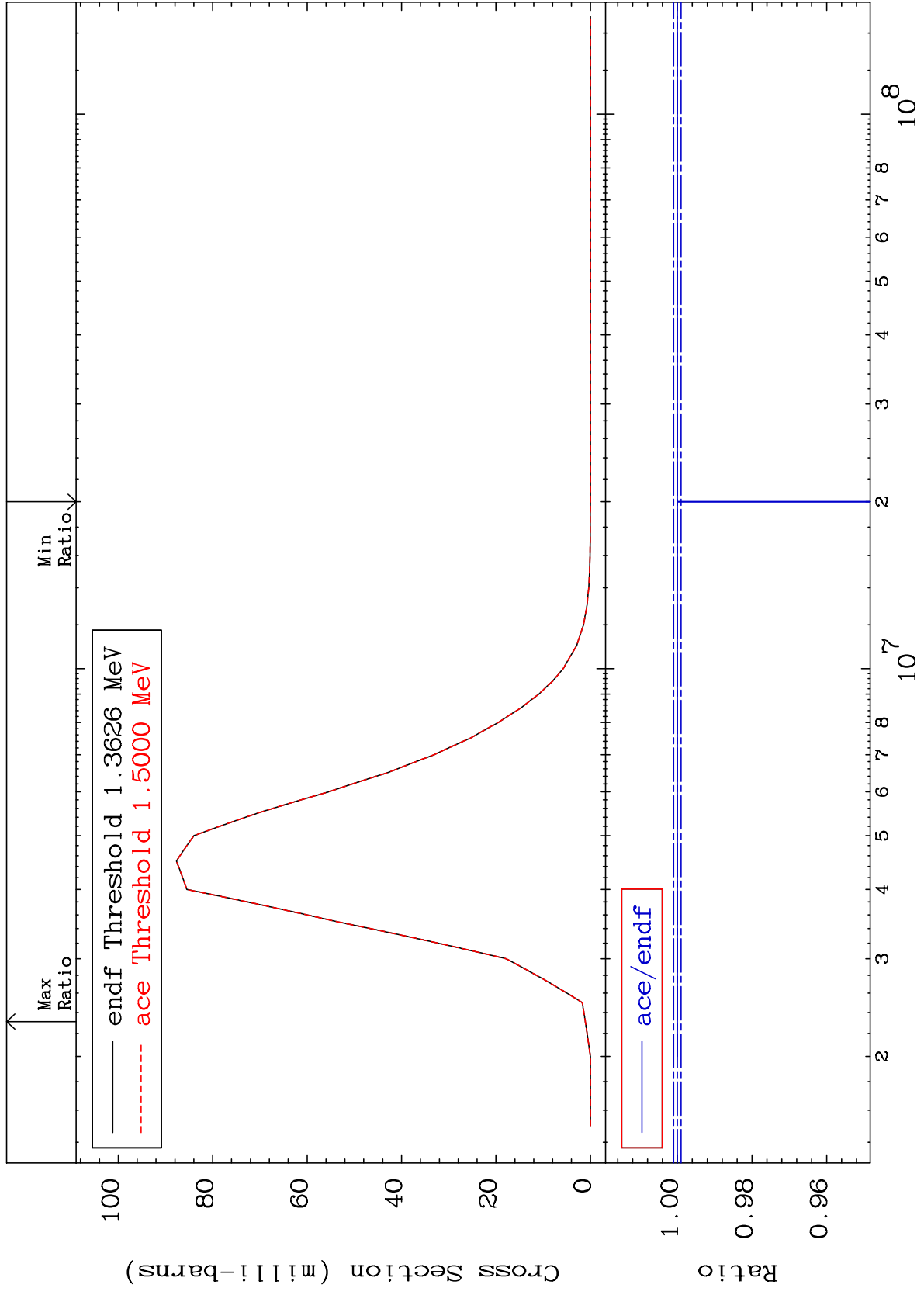
20-Ca-40
-100.0 To 0.000 %



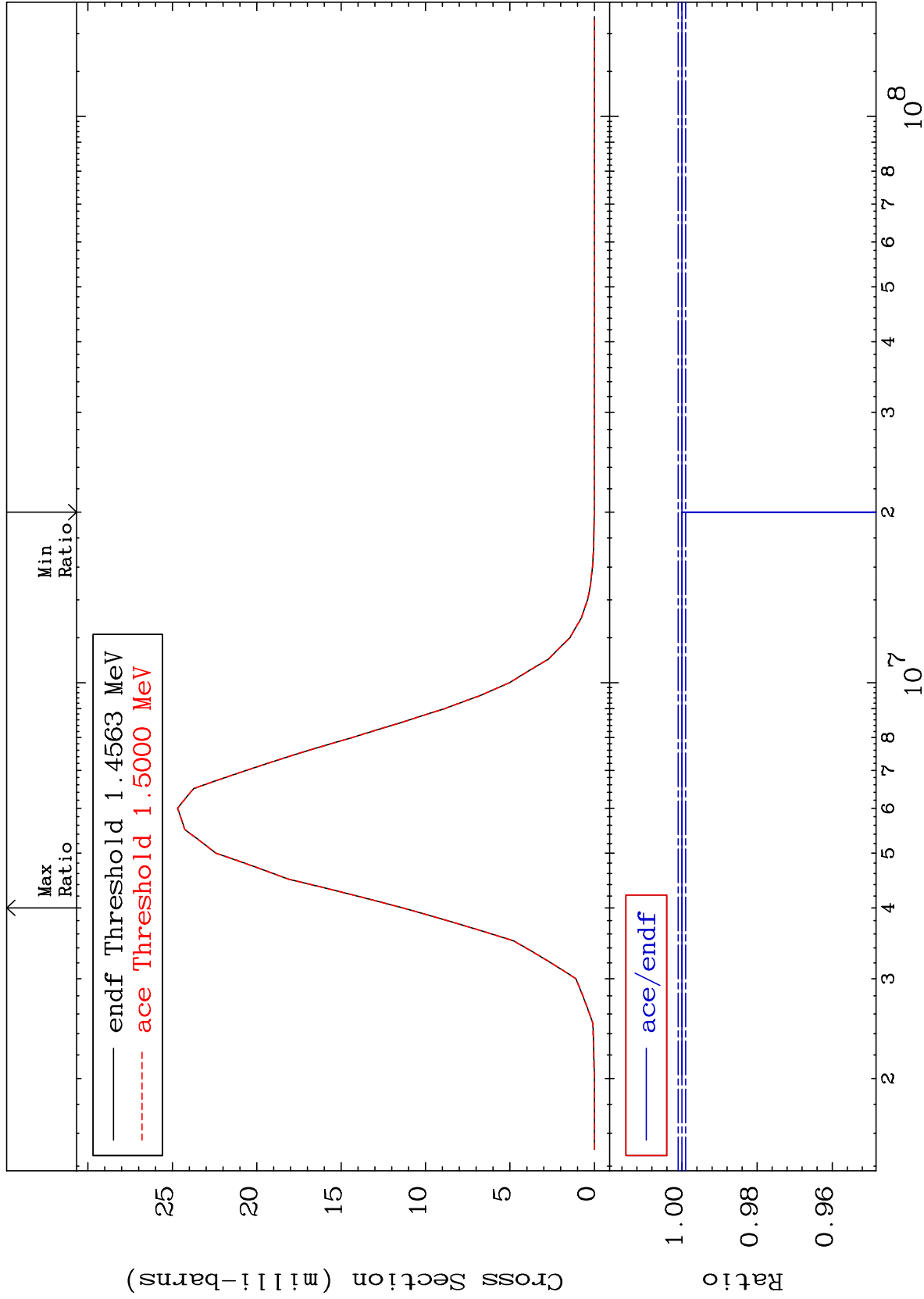
MAT 2025 29.80 keV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



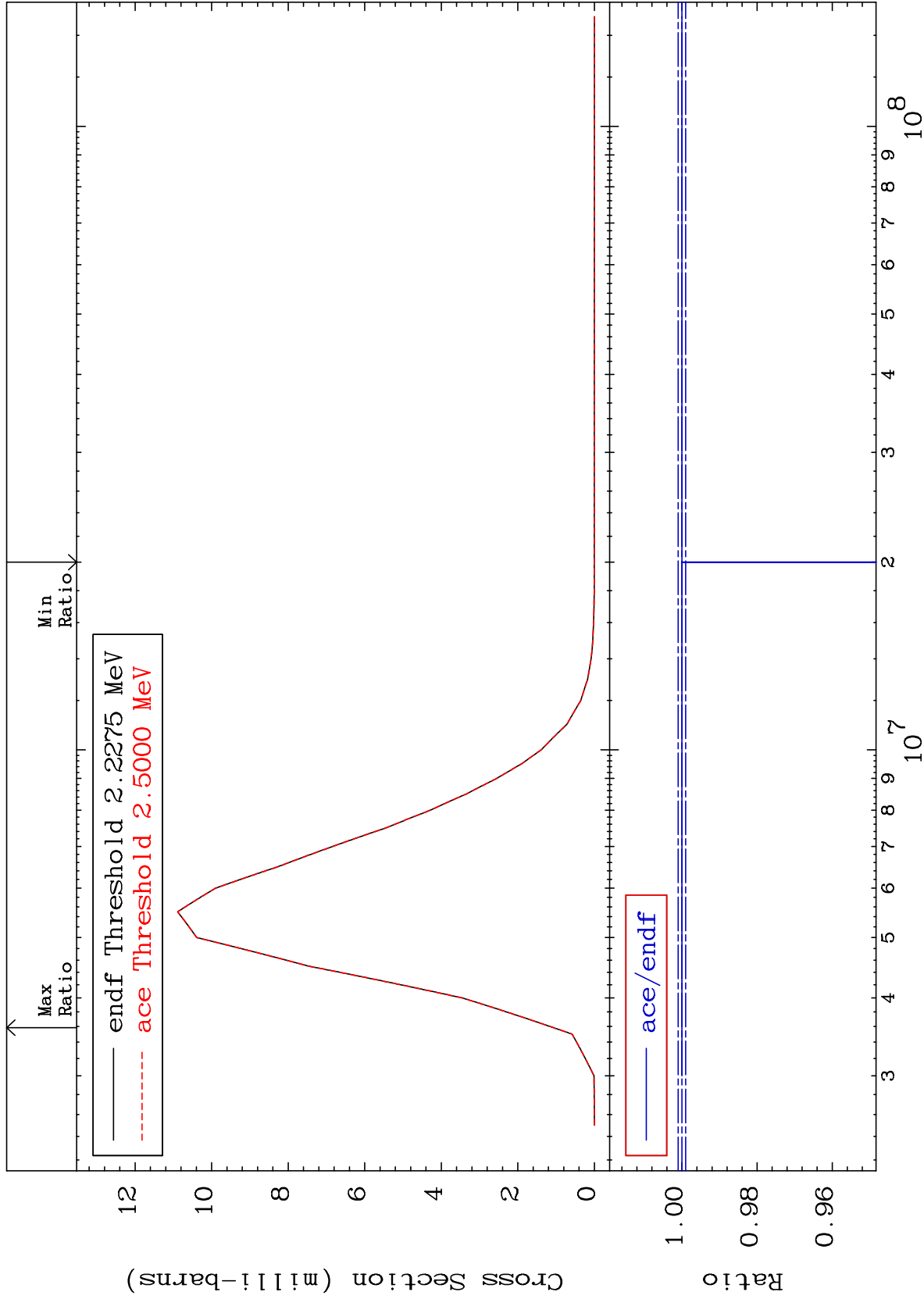
MAT 2025 800.1 keV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



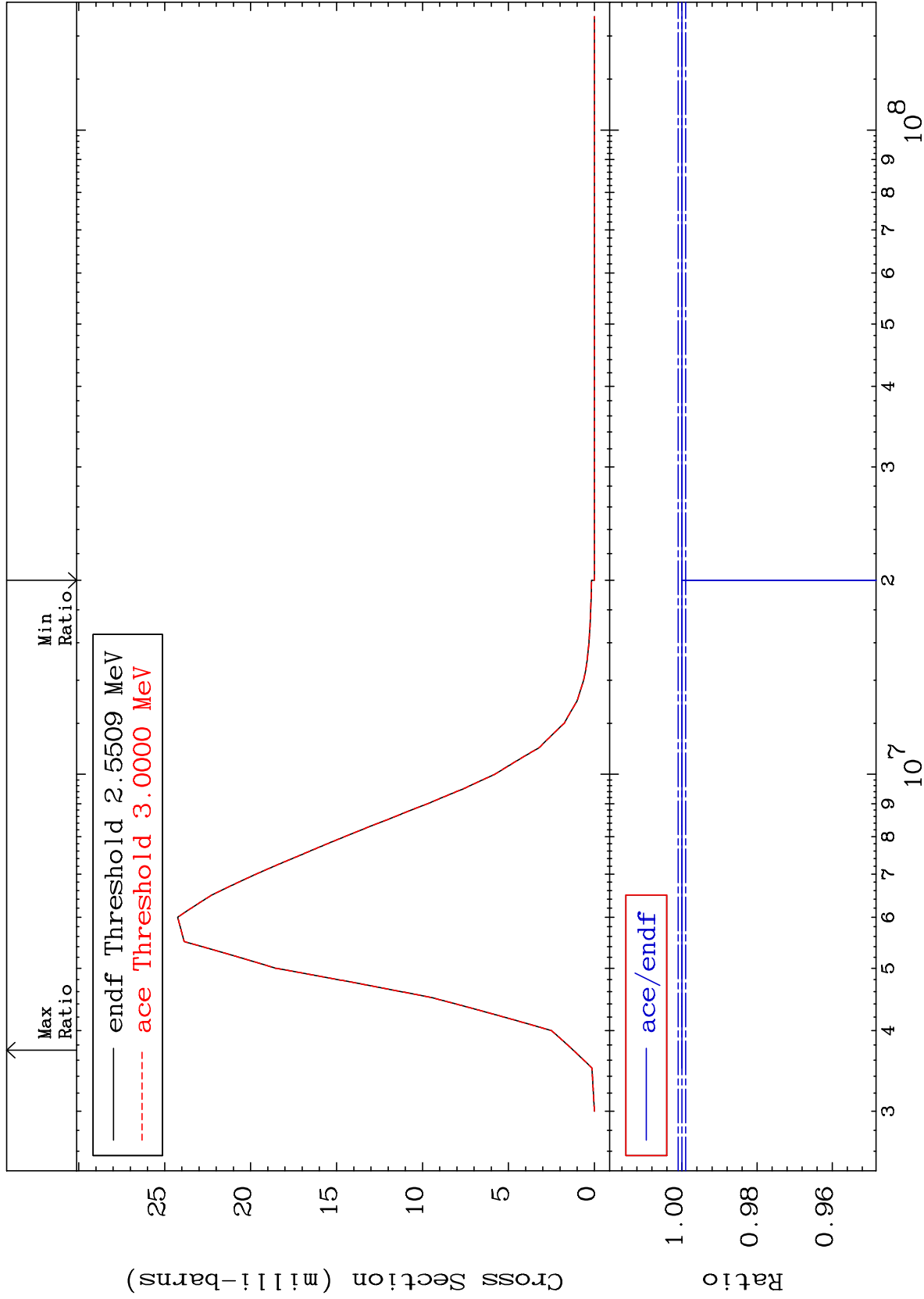
MAT 2025 891.4 keV (n,p') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



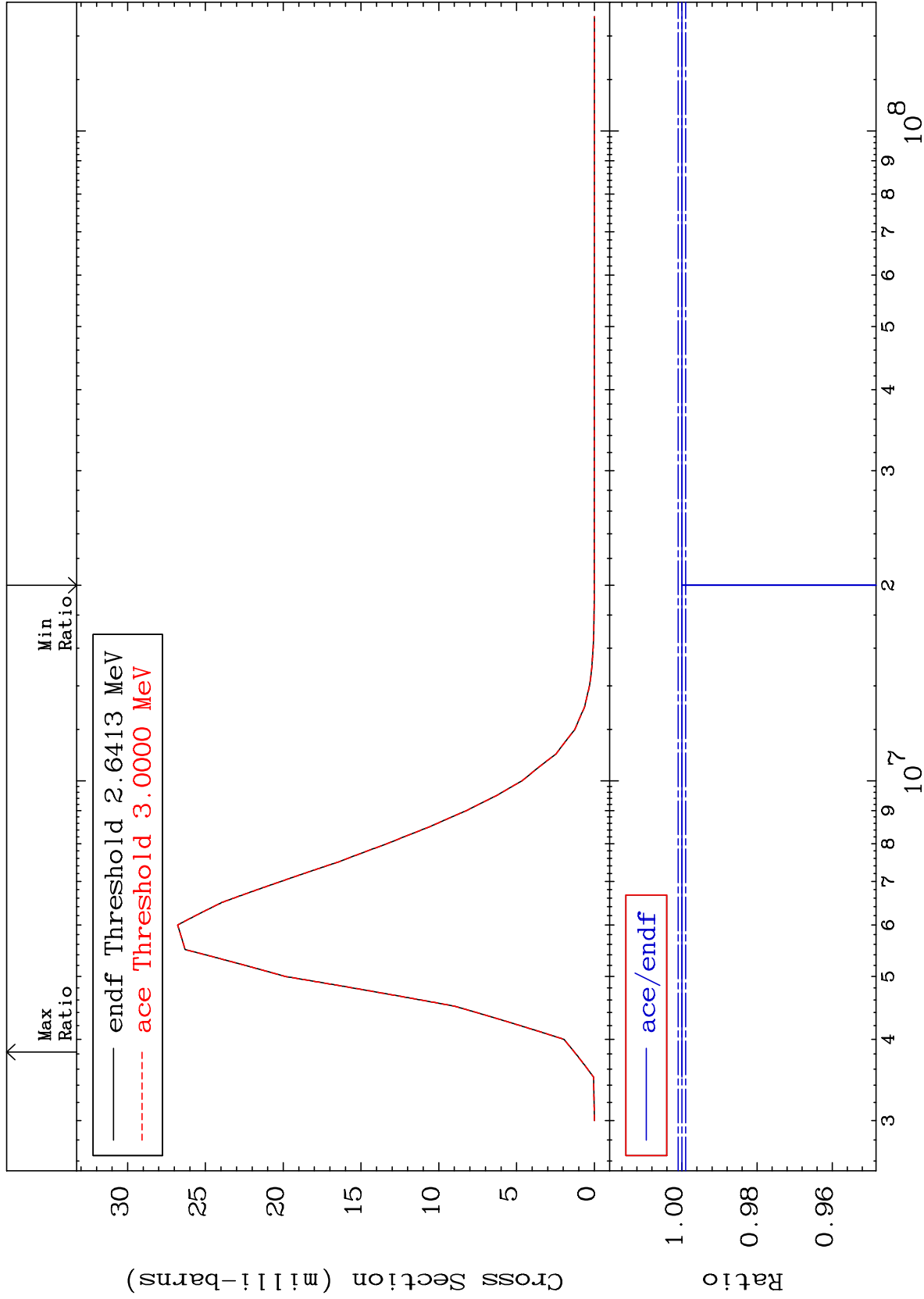
MAT 2025 1.644 MeV (n,p') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



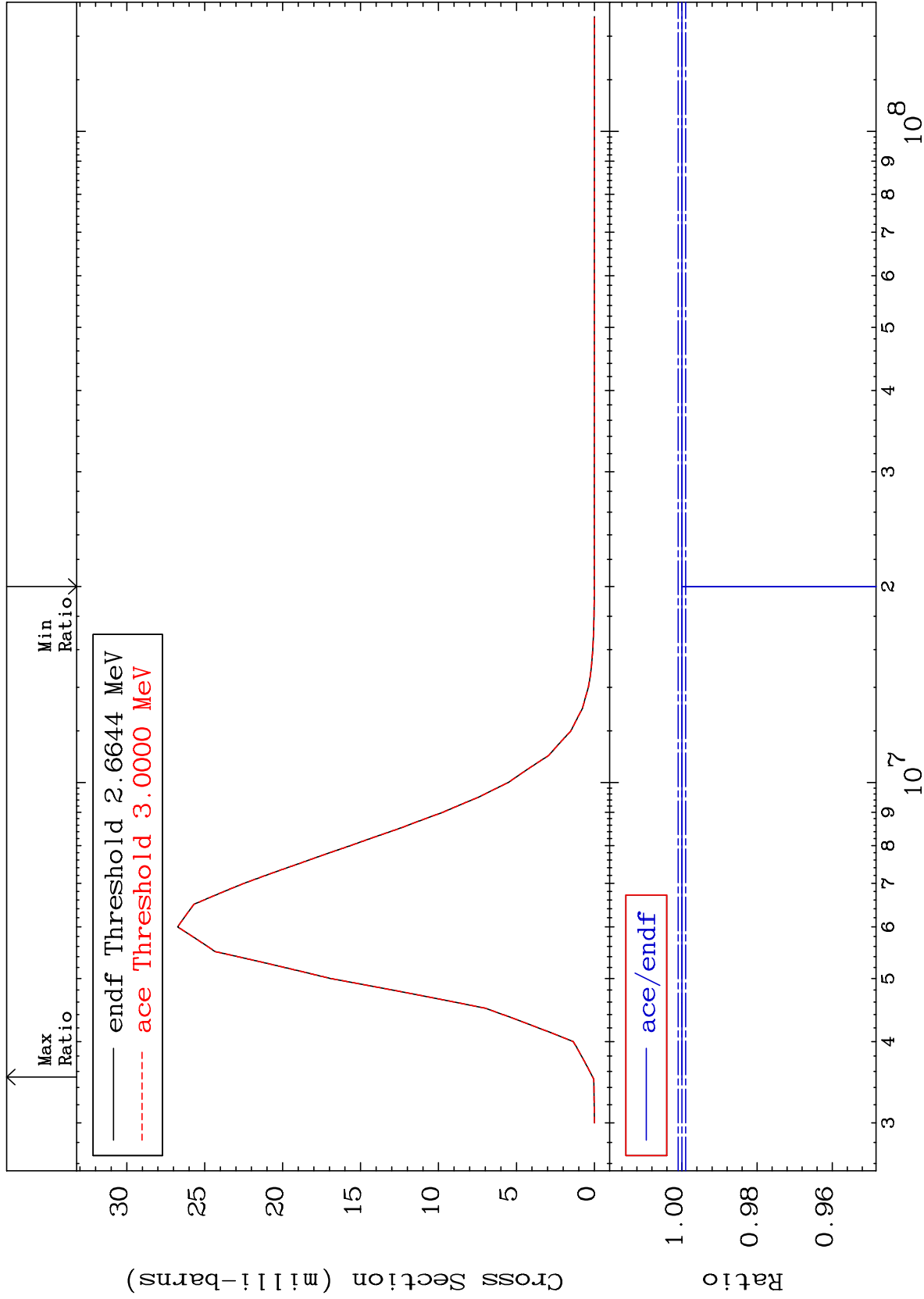
MAT 2025 1.959 MeV (n,p') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



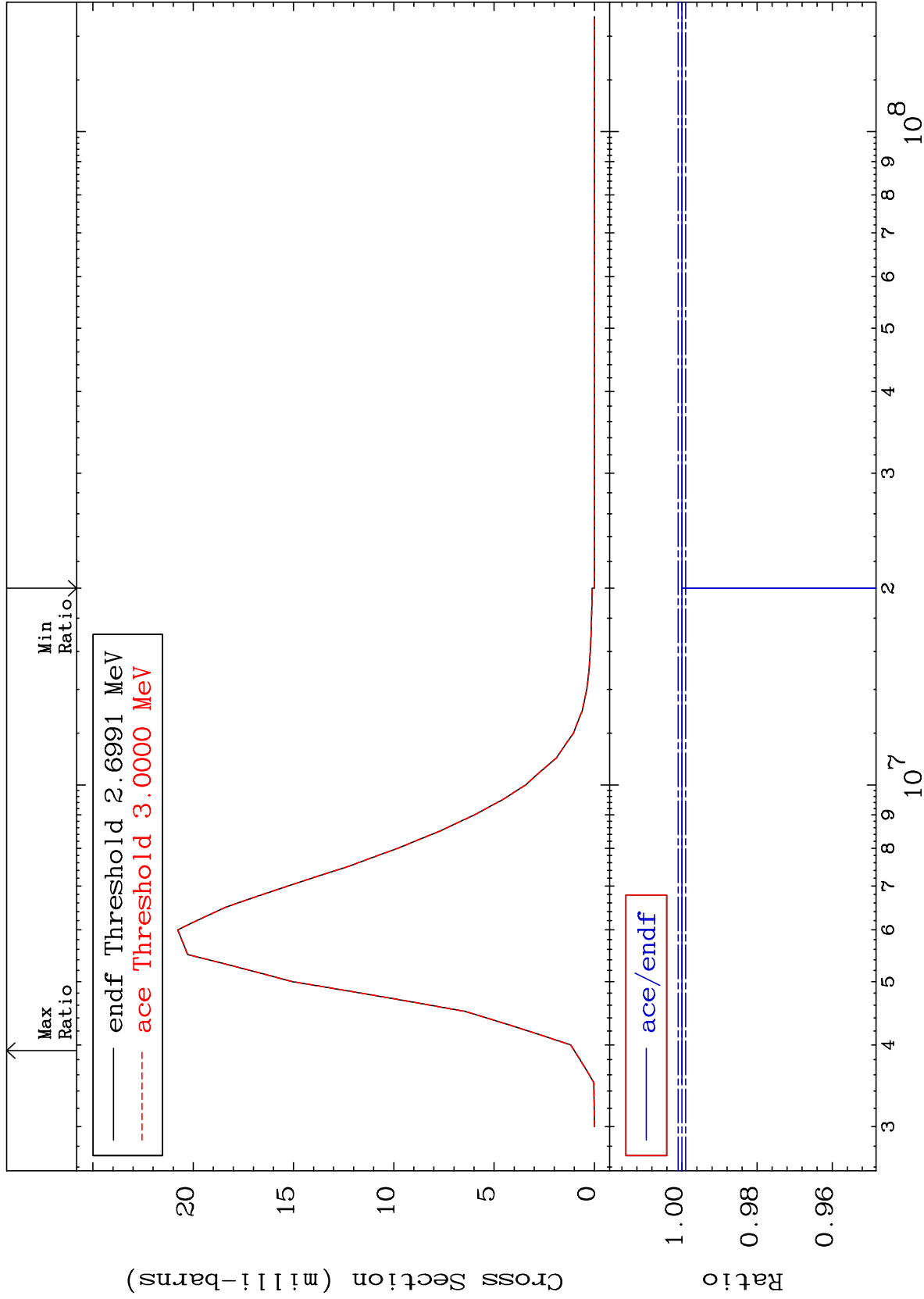
MAT 2025 2.047 MeV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



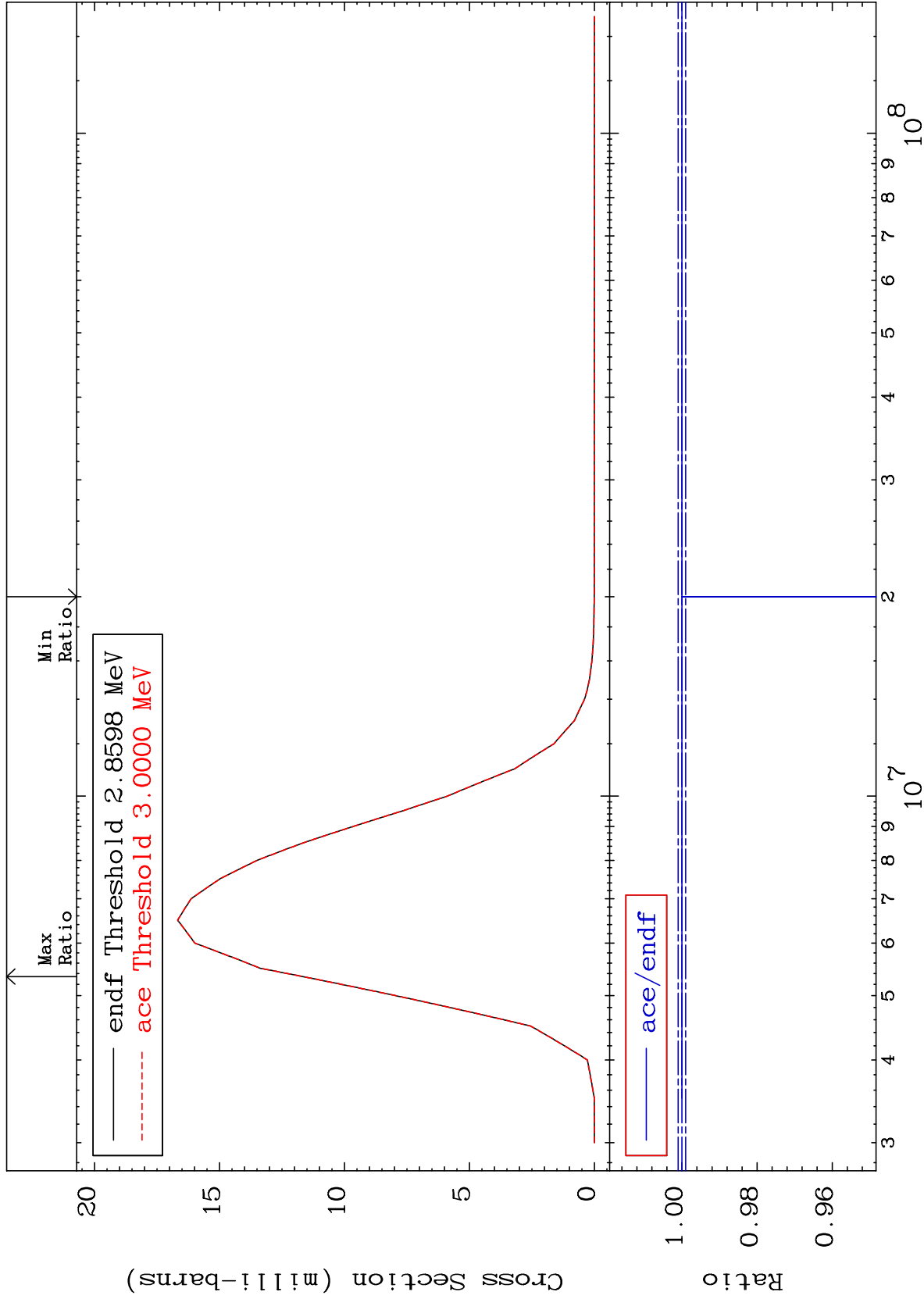
MAT 2025 2.070 MeV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025 2.104 MeV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



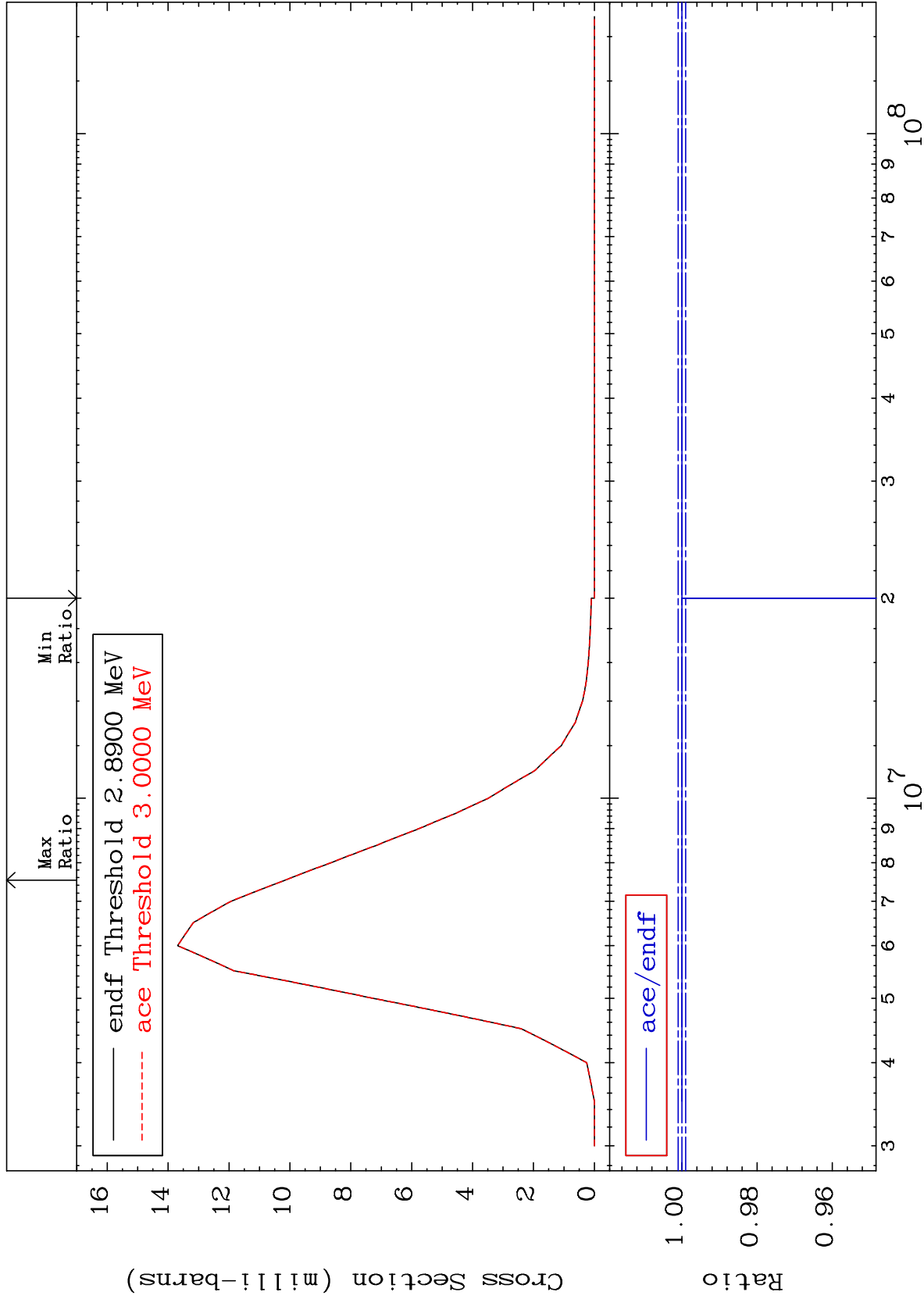
MAT 2025 2.260 MeV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



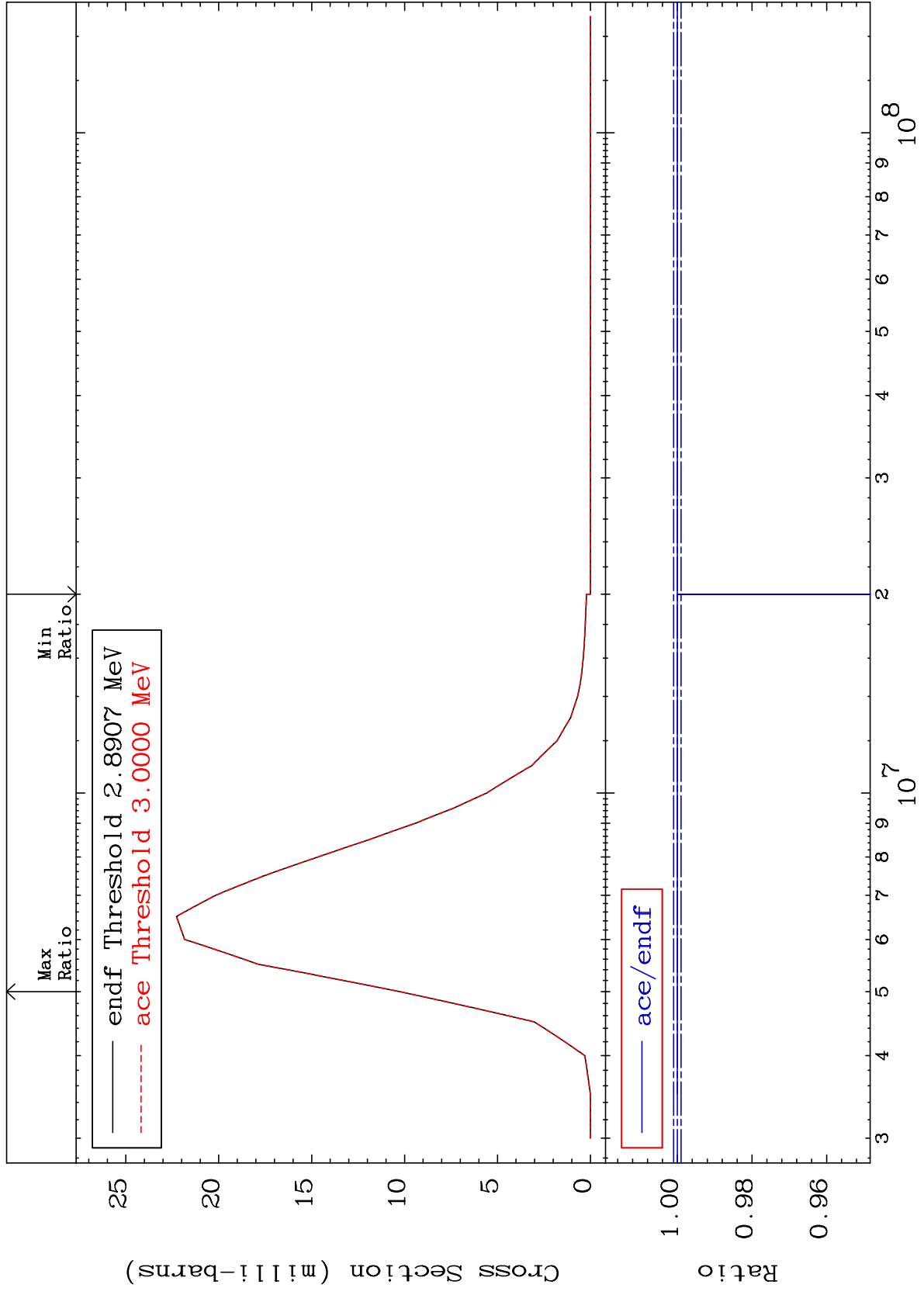
MAT 2025

2.290 MeV (n,p') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



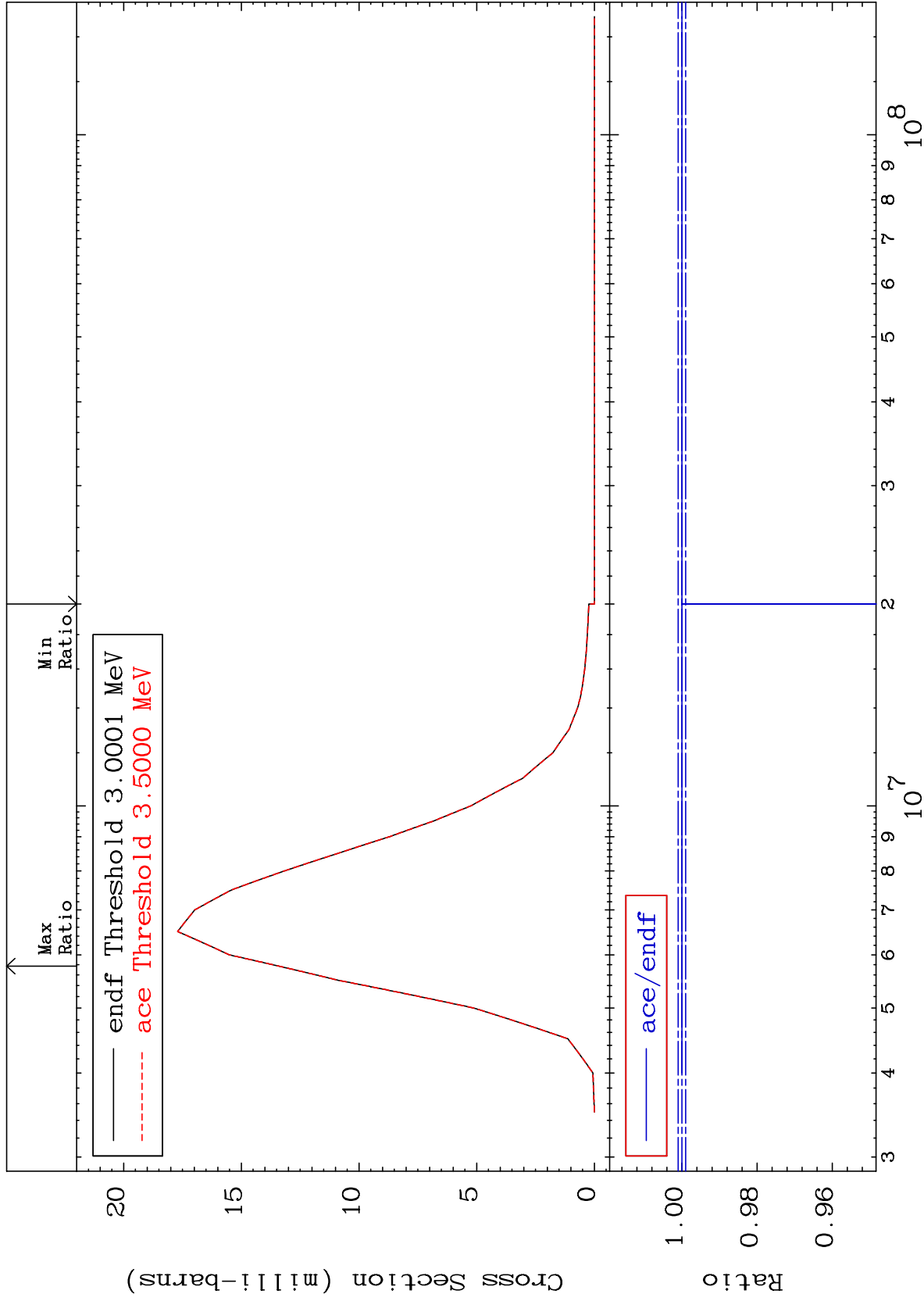
MAT 2025 2.290 MeV (n,p') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



MAT 2025

2.397 MeV (n,p') Level
Cross Section

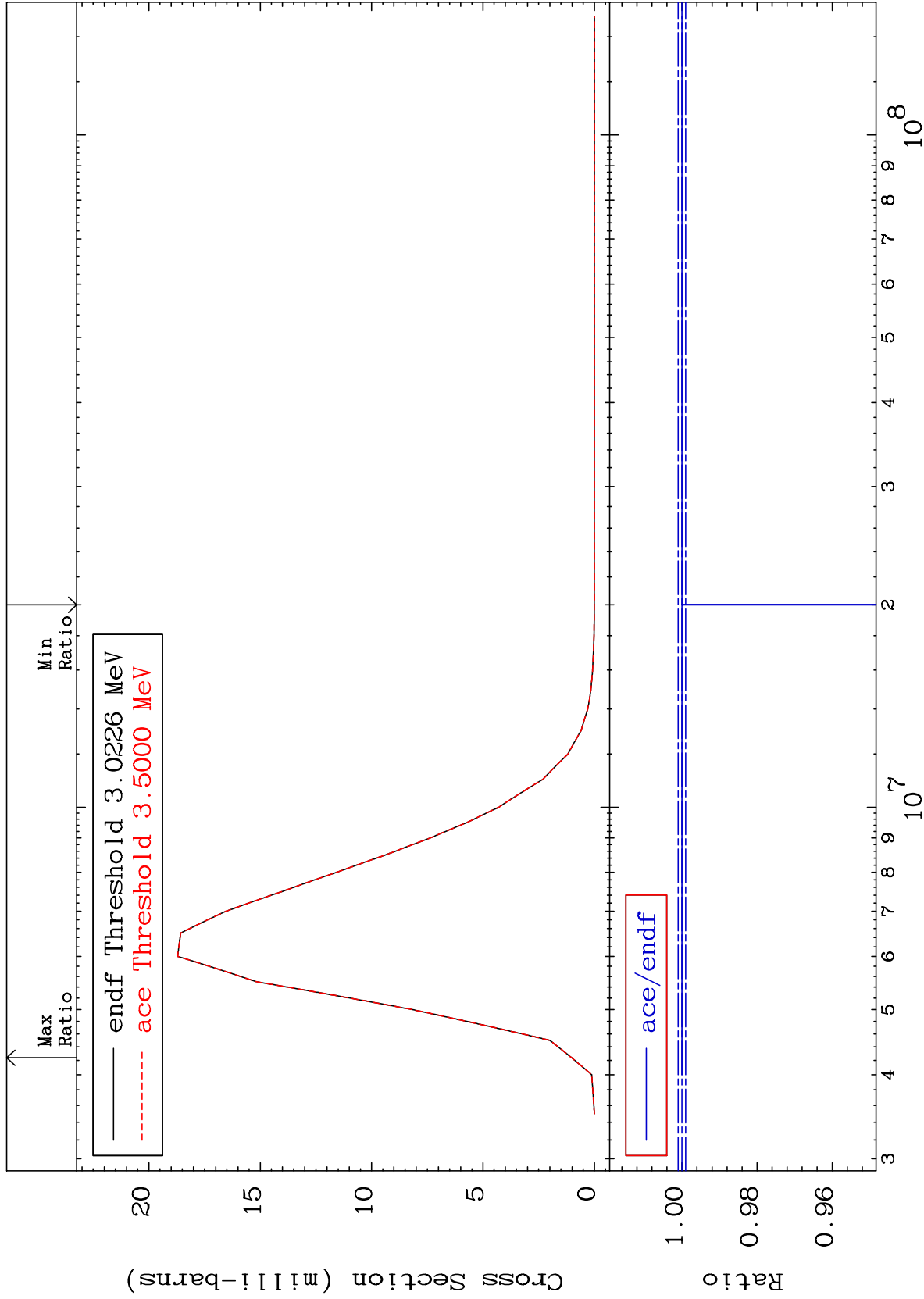
20-Ca-40
-100.0 To 0.000 %



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20-Ca-40

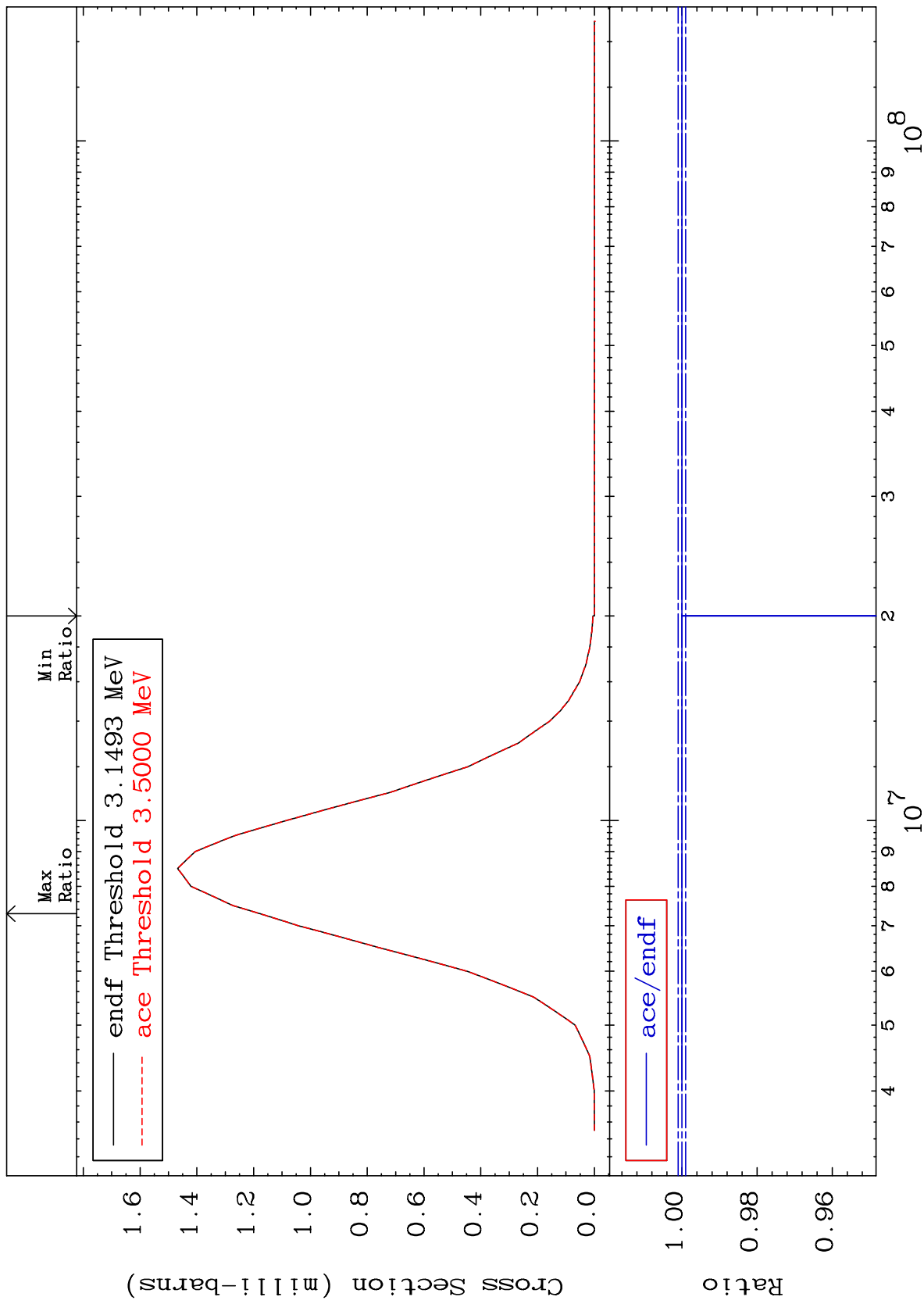
MAT 2025 2.419 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025

2.543 MeV (n,p') Level
Cross Section

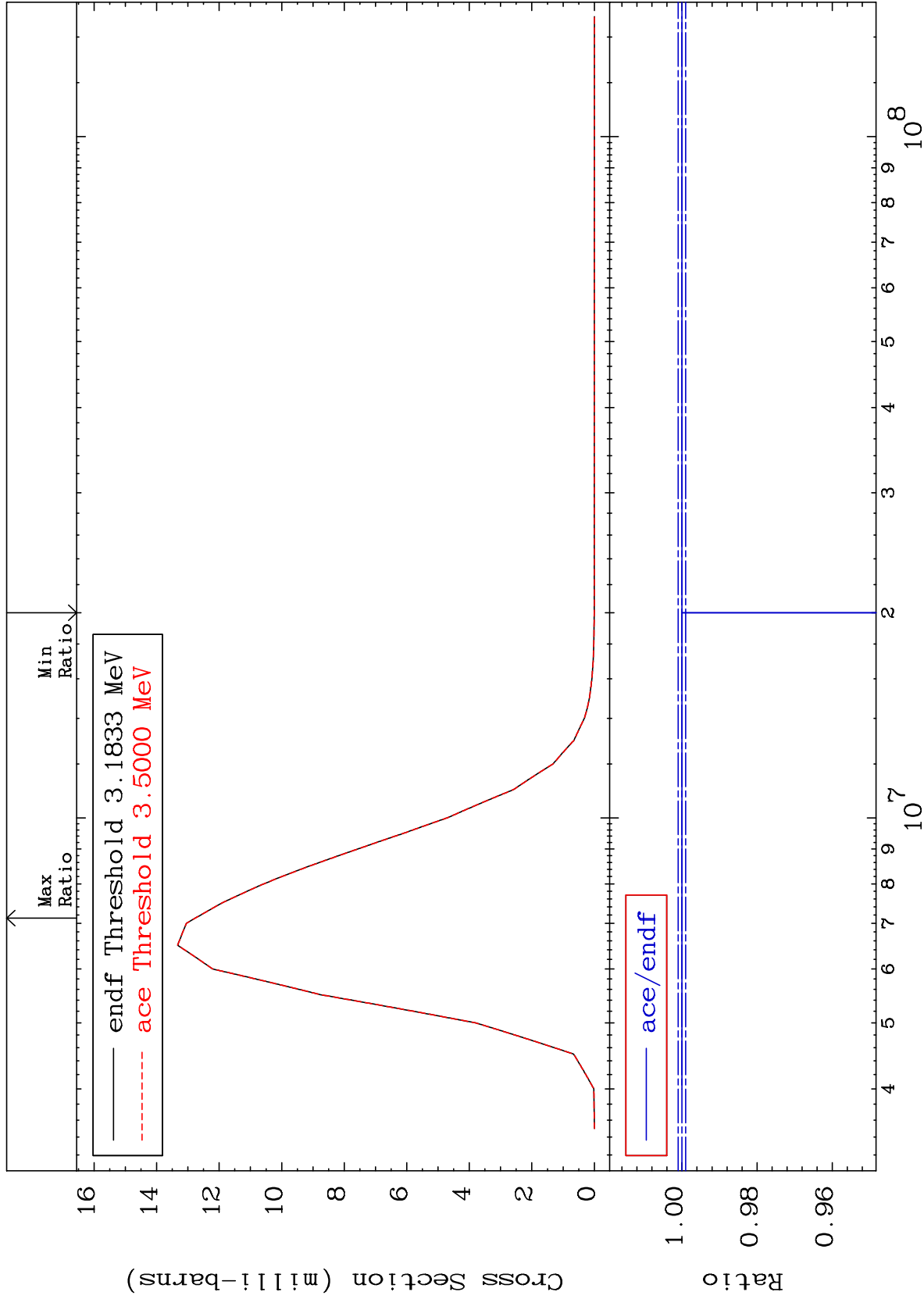
20-Ca-40
-100.0 To 0.000 %



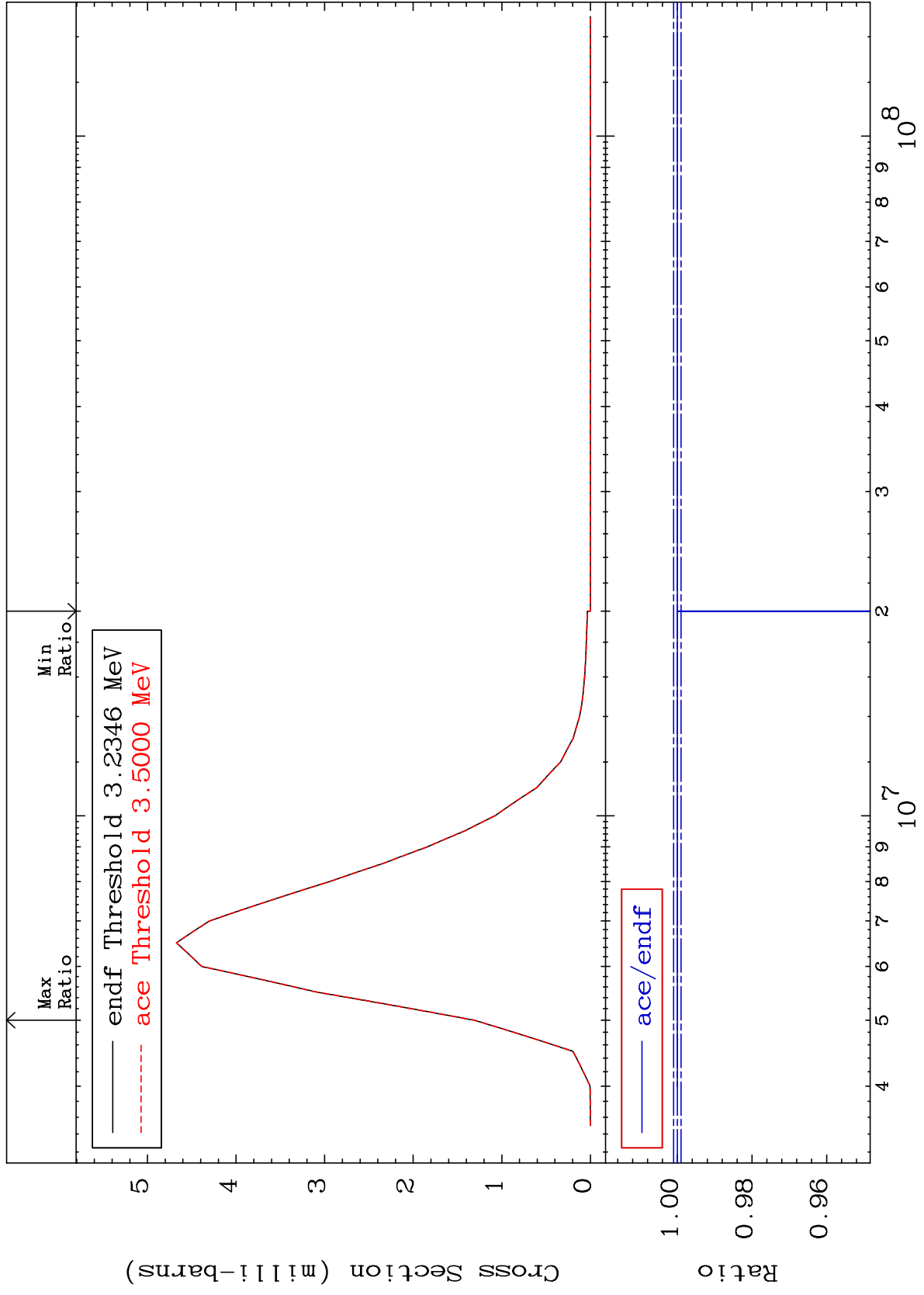
MAT 2025

2.576 MeV (n,p') Level
Cross Section

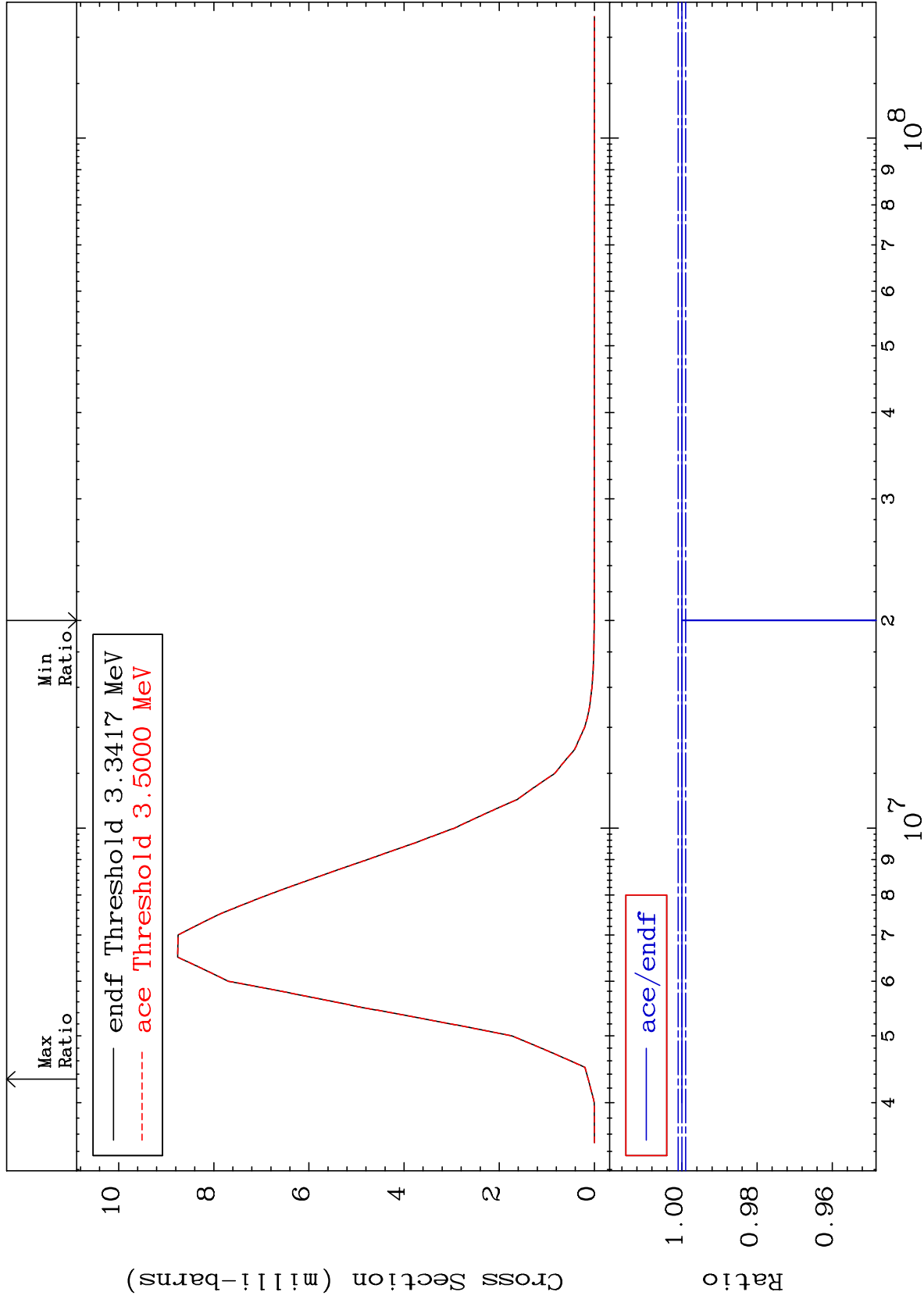
20-Ca-40
-100.0 To 0.000 %



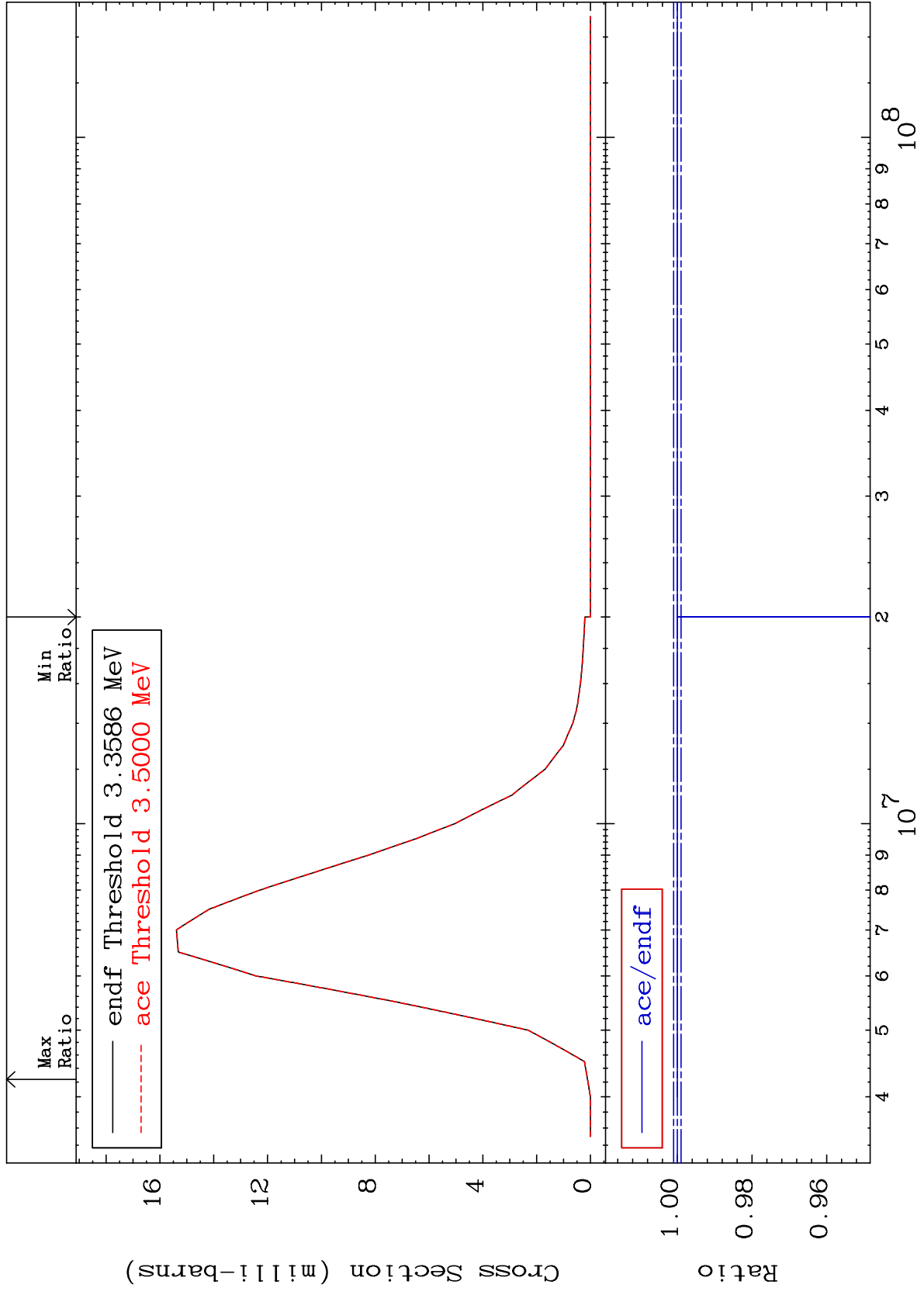
MAT 2025 2.626 MeV (n,p') Level -100.0 To 0.000 % 20-Ca-40



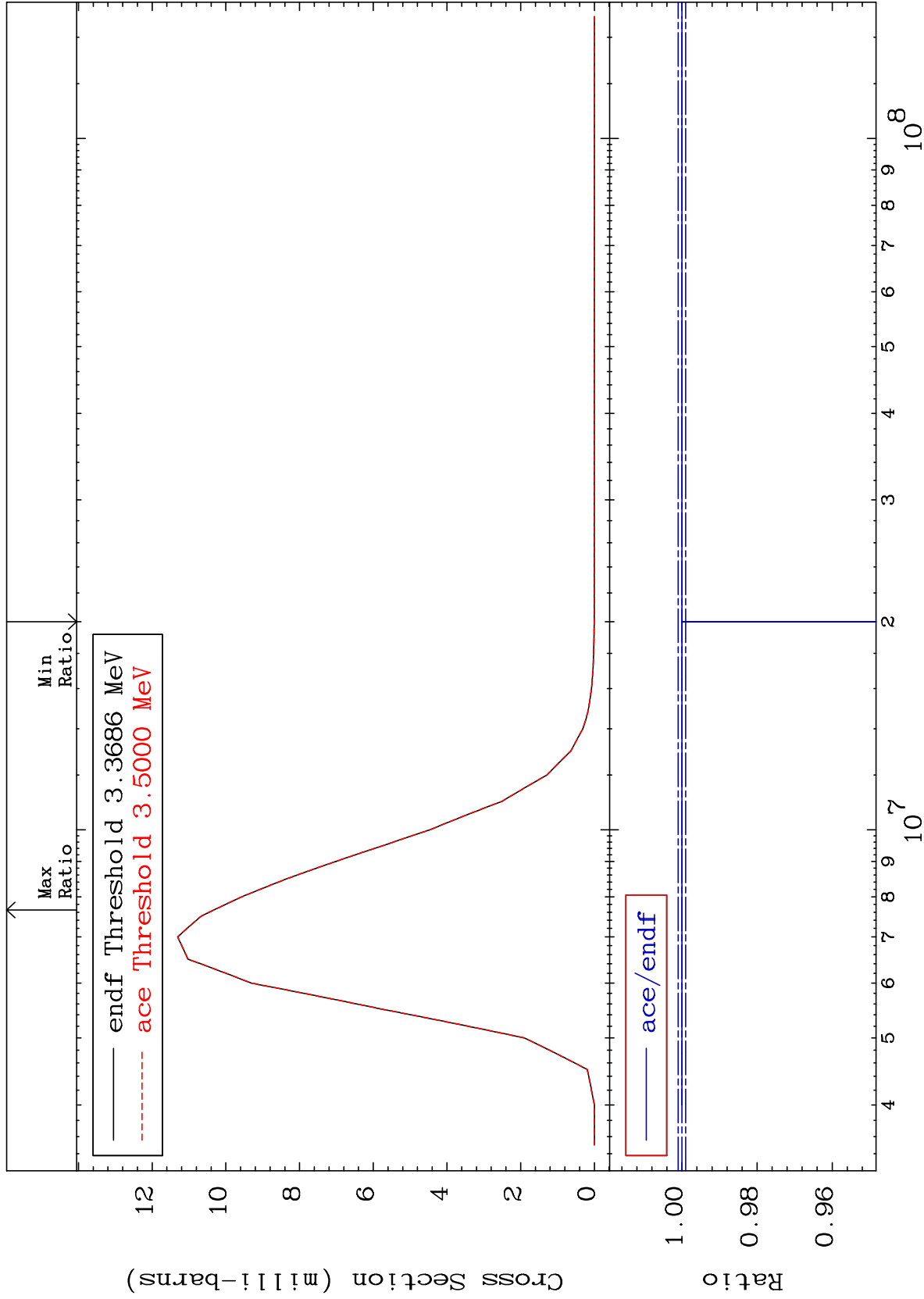
MAT 2025 2.730 MeV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025 2.747 MeV (n,p') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



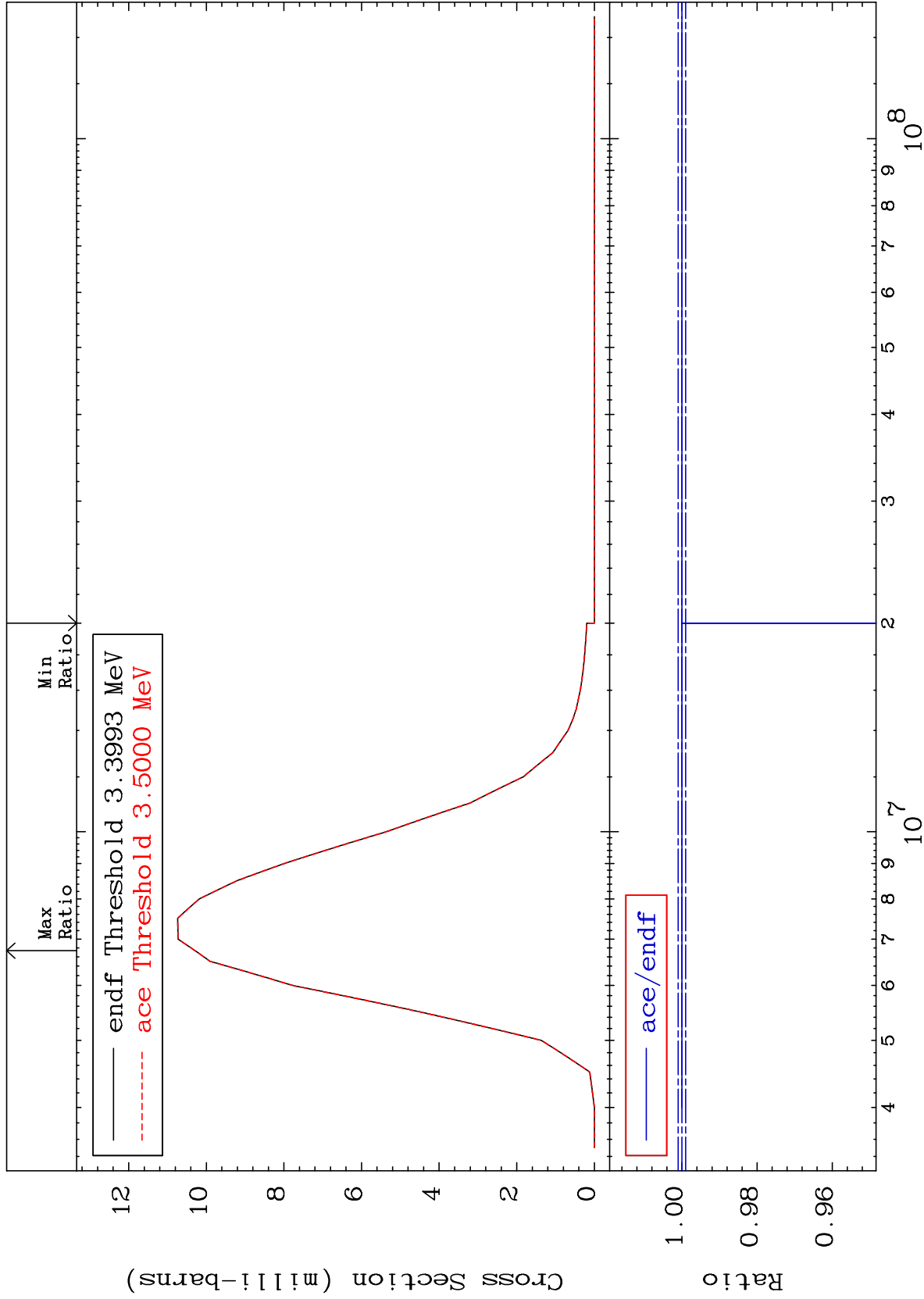
MAT 2025 2.757 MeV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



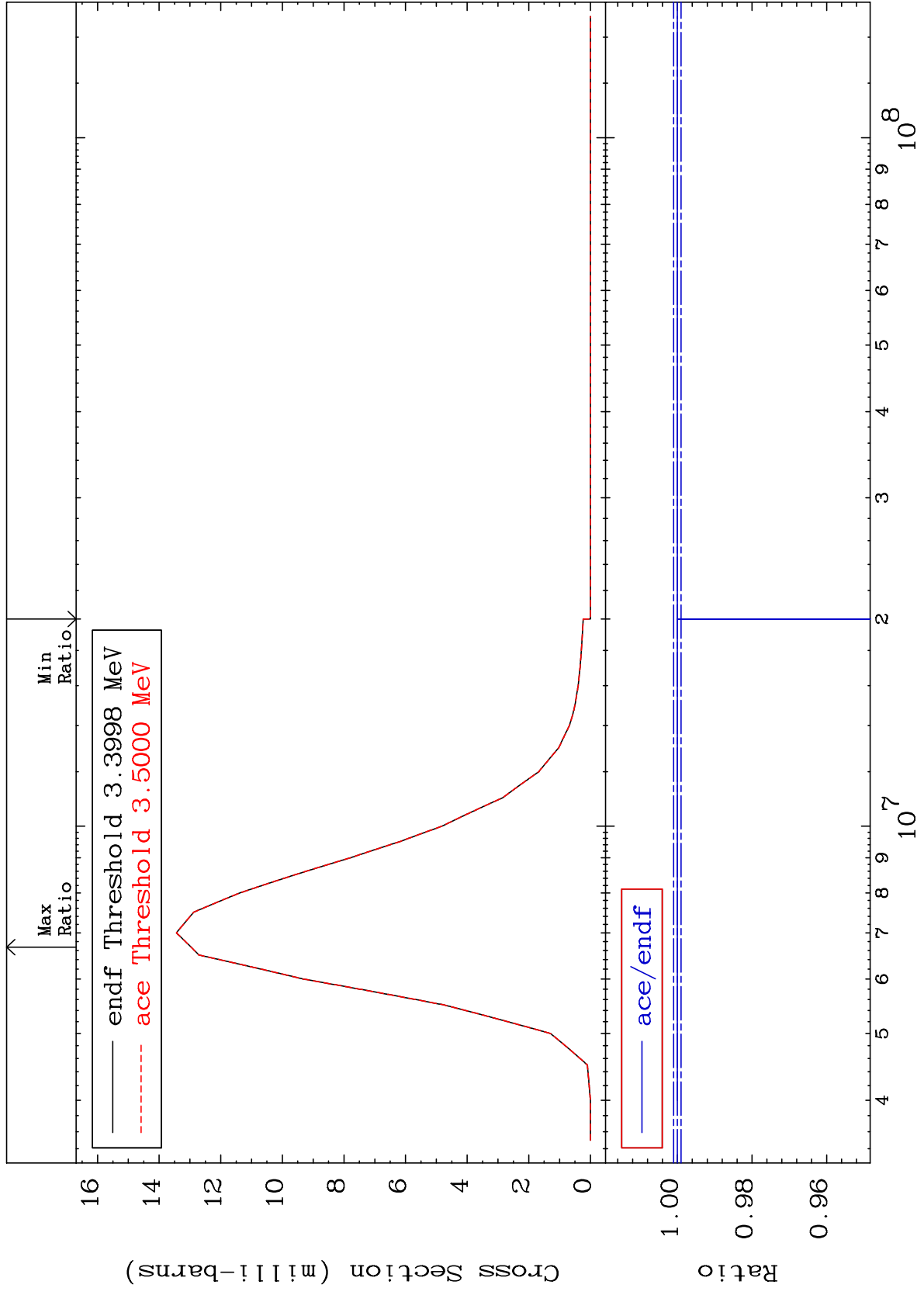
MAT 2025

2.787 MeV (n,p') Level
Cross Section

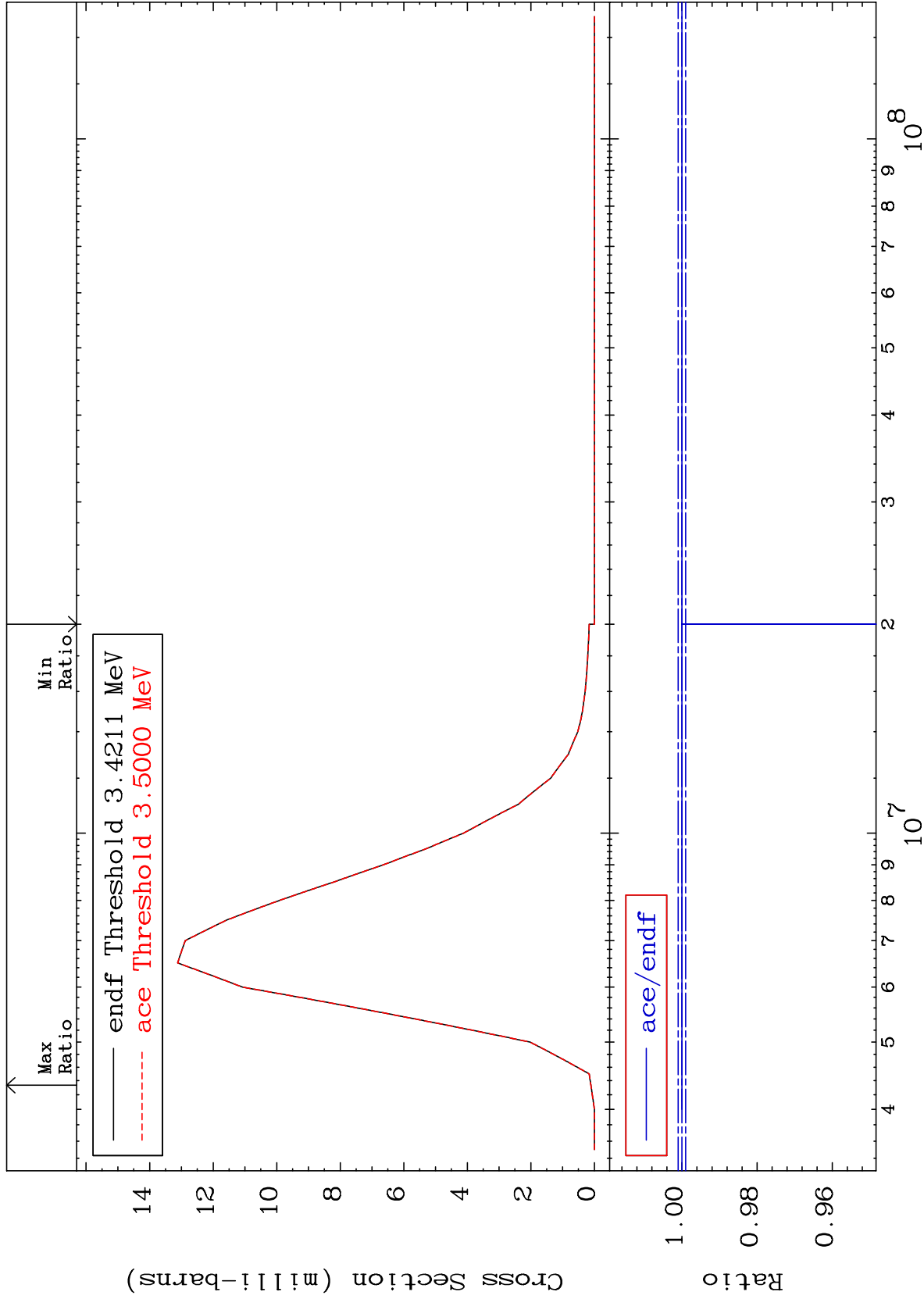
20-Ca-40
-100.0 To 0.000 %



MAT 2025 2.787 MeV (n,p') Level Cross Section -100.0 To 0.000 % 20-Ca-40



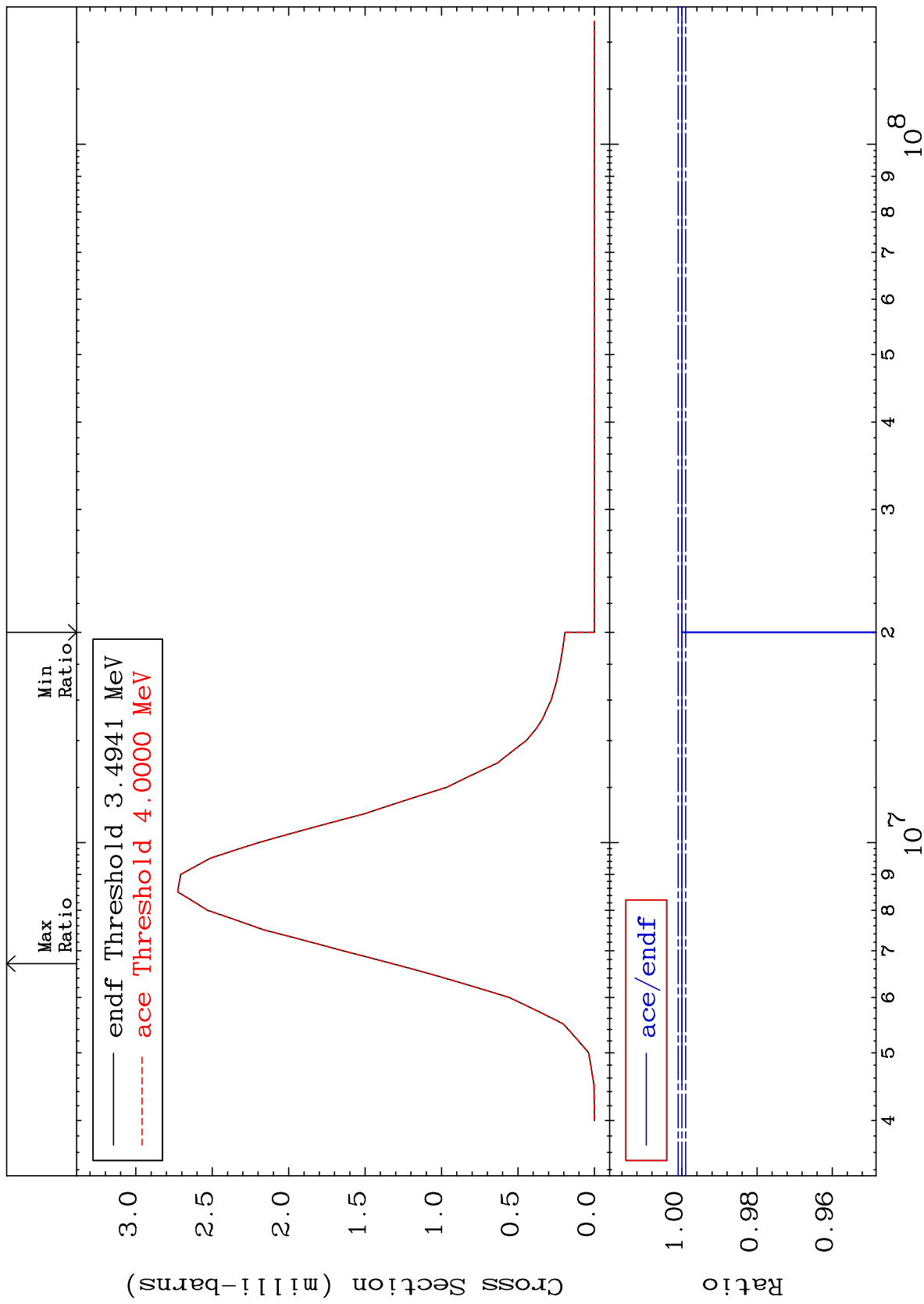
MAT 2025 2.808 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



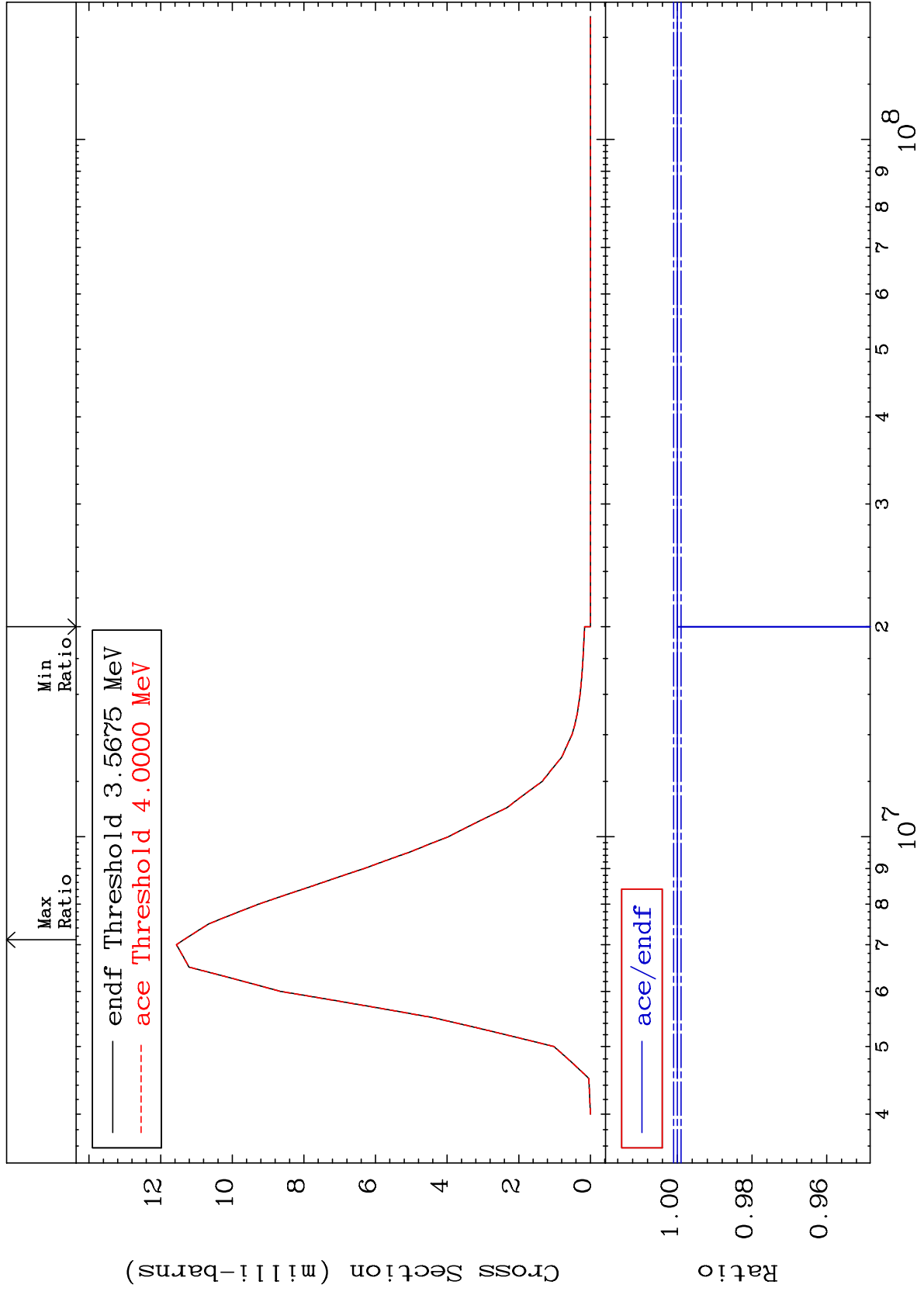
MAT 2025

2.879 MeV (n,p') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



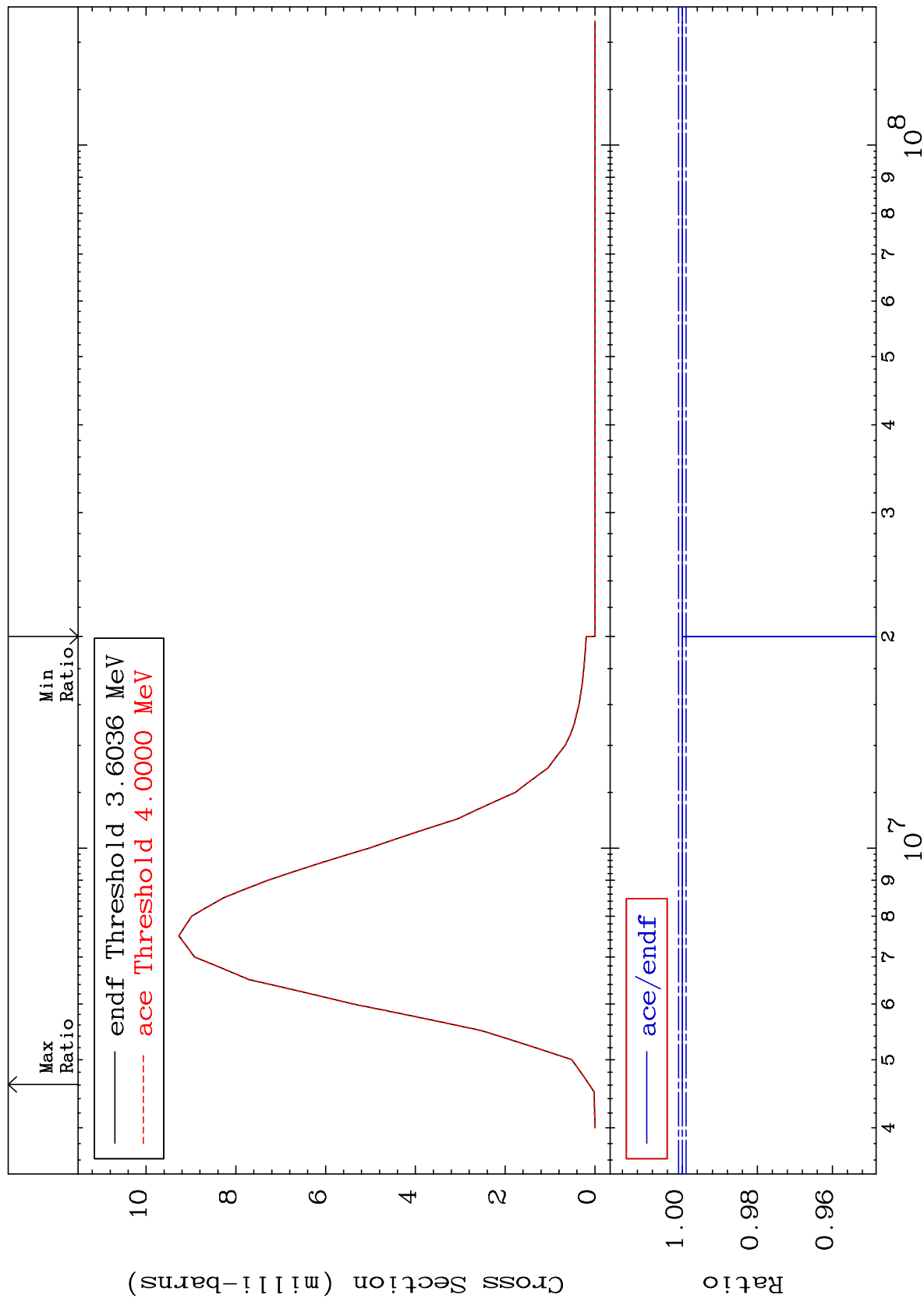
MAT 2025 2.951 MeV (n,p') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



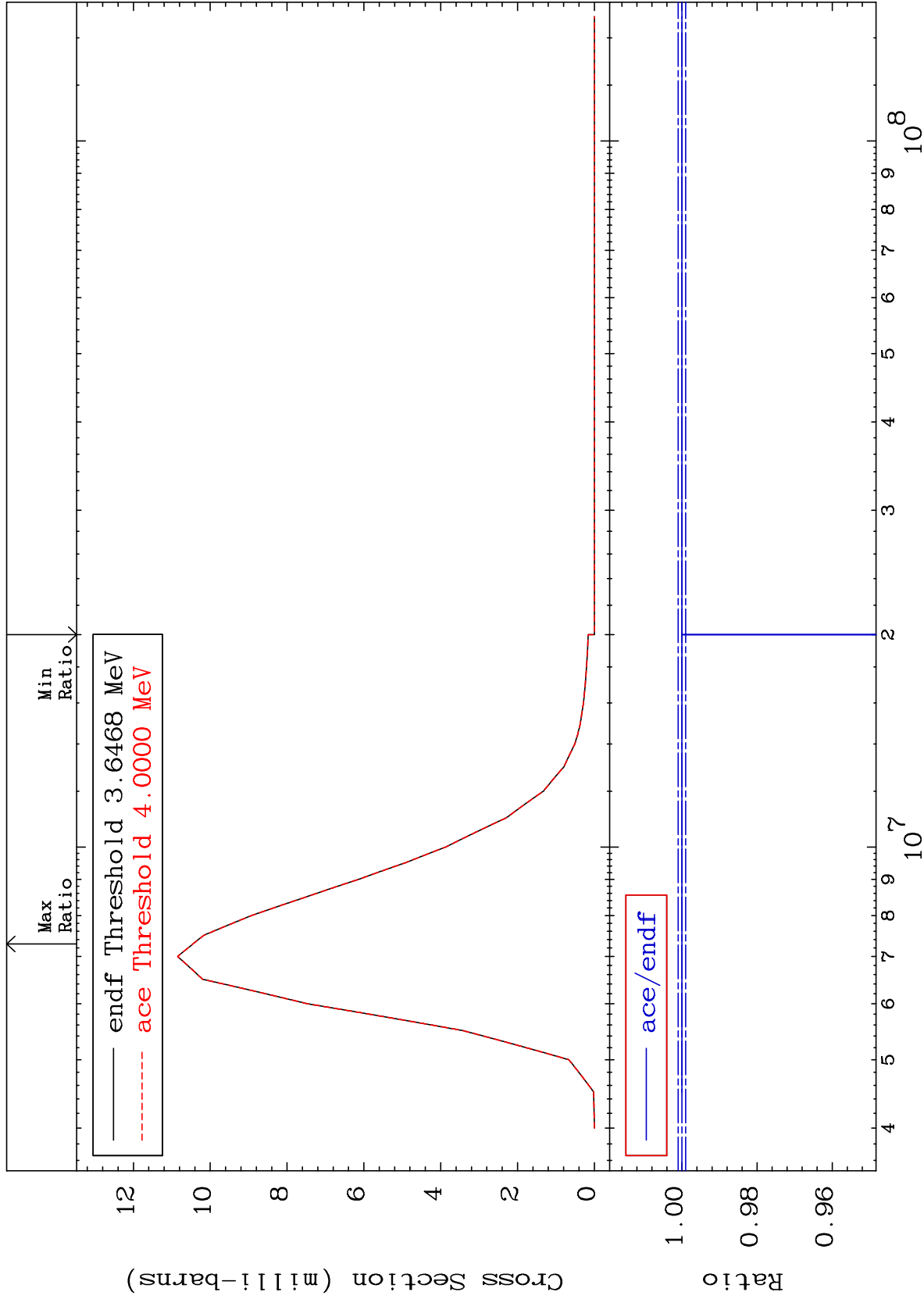
MAT 2025

2.986 MeV (n,p') Level
Cross Section

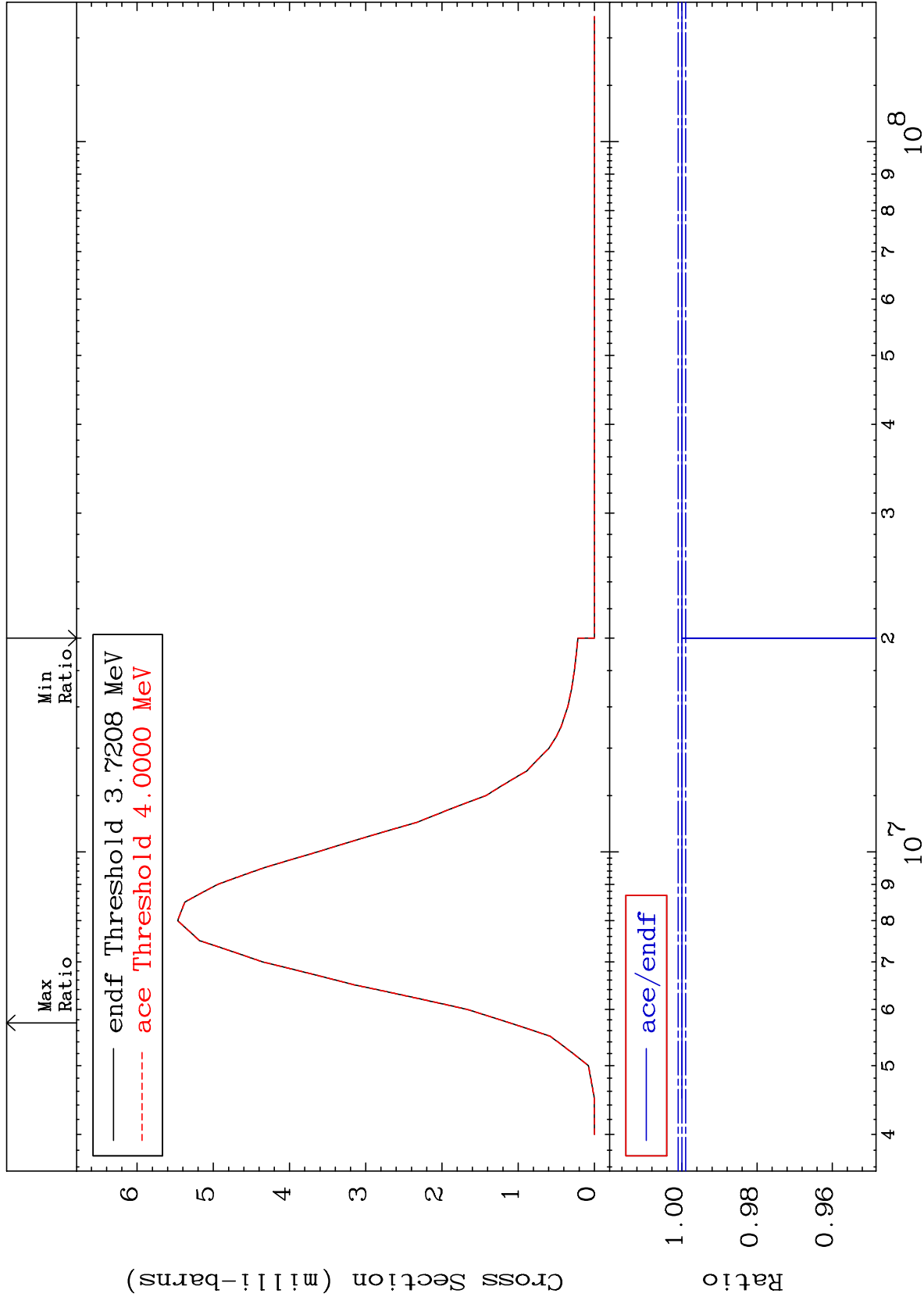
20-Ca-40
-100.0 To 0.000 %



MAT 2025 3.028 MeV (n,p') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



MAT 2025 3.100 MeV (n,p') Level 20-Ca-40
Cross Section -100.0 To 0.000 %

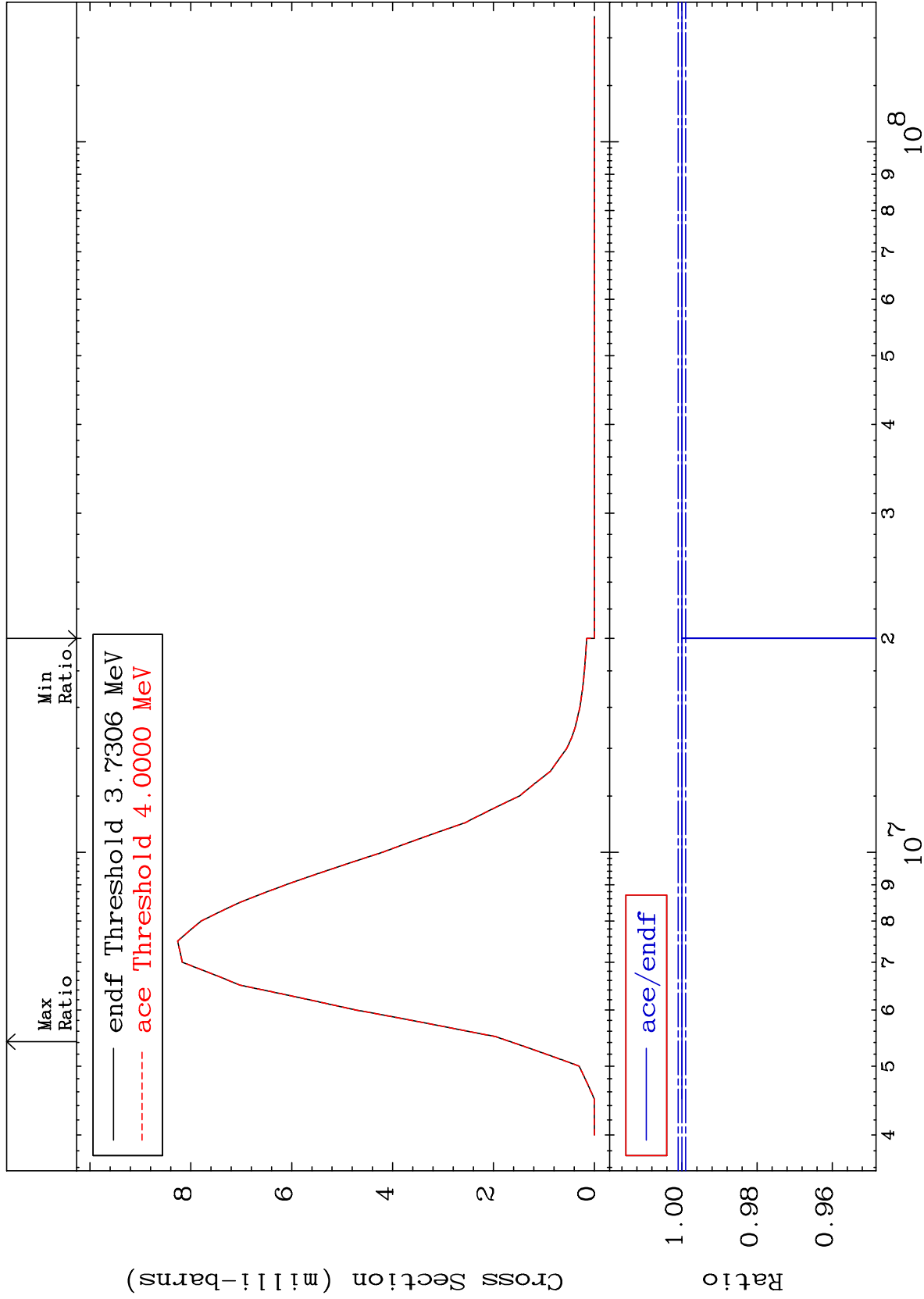


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MAT 2025

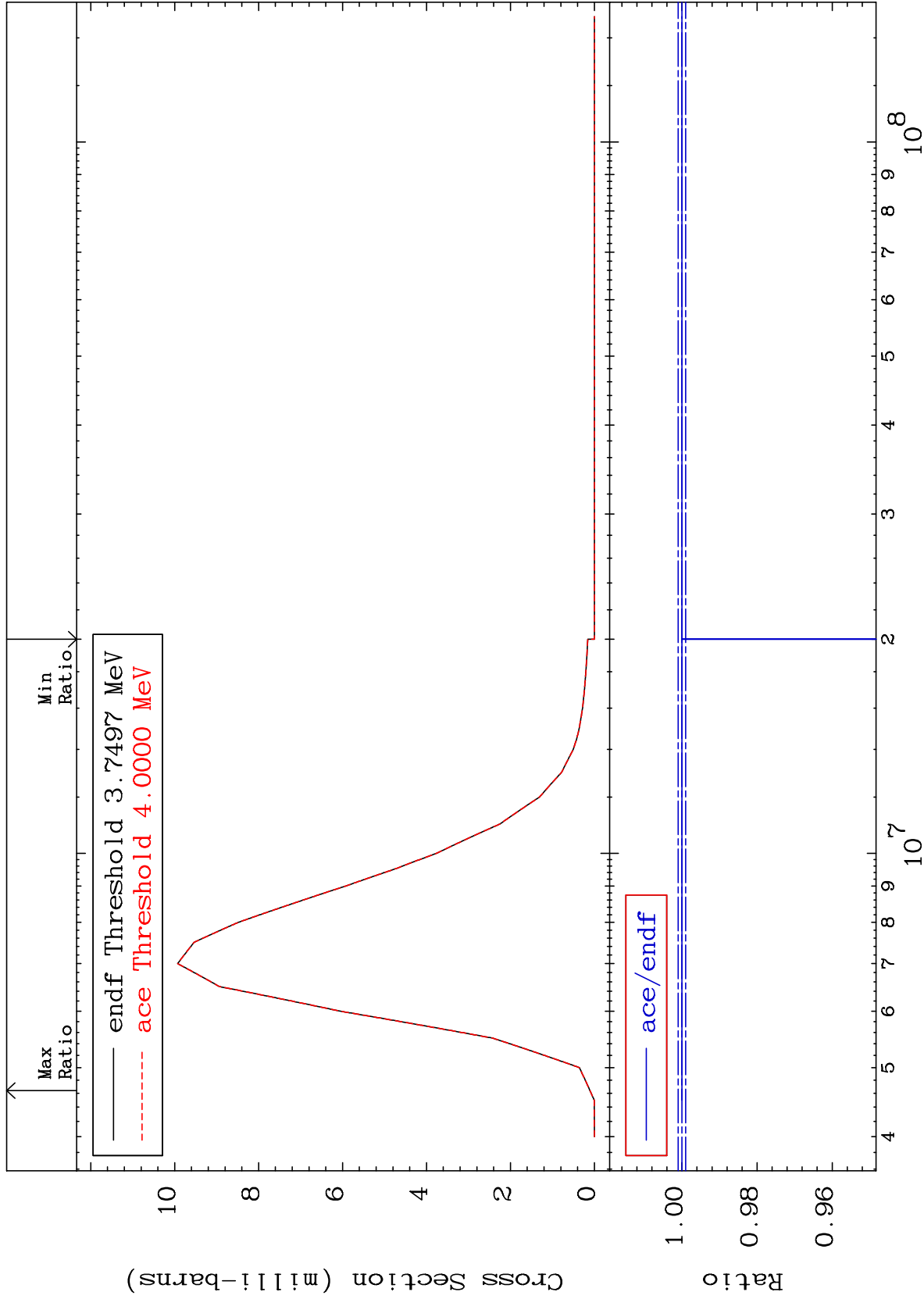
3.110 MeV (n,p') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



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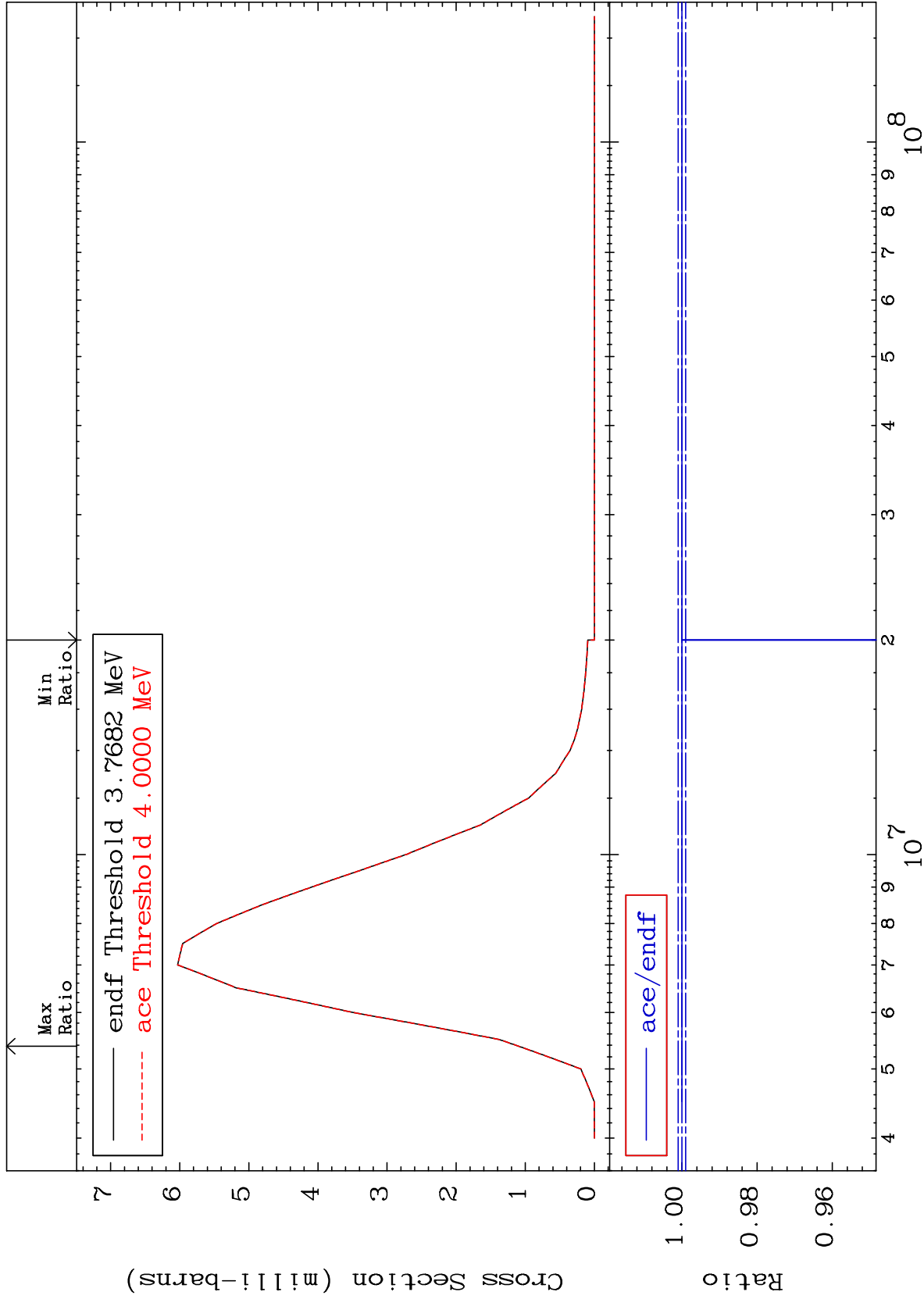
MAT 2025 3.128 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



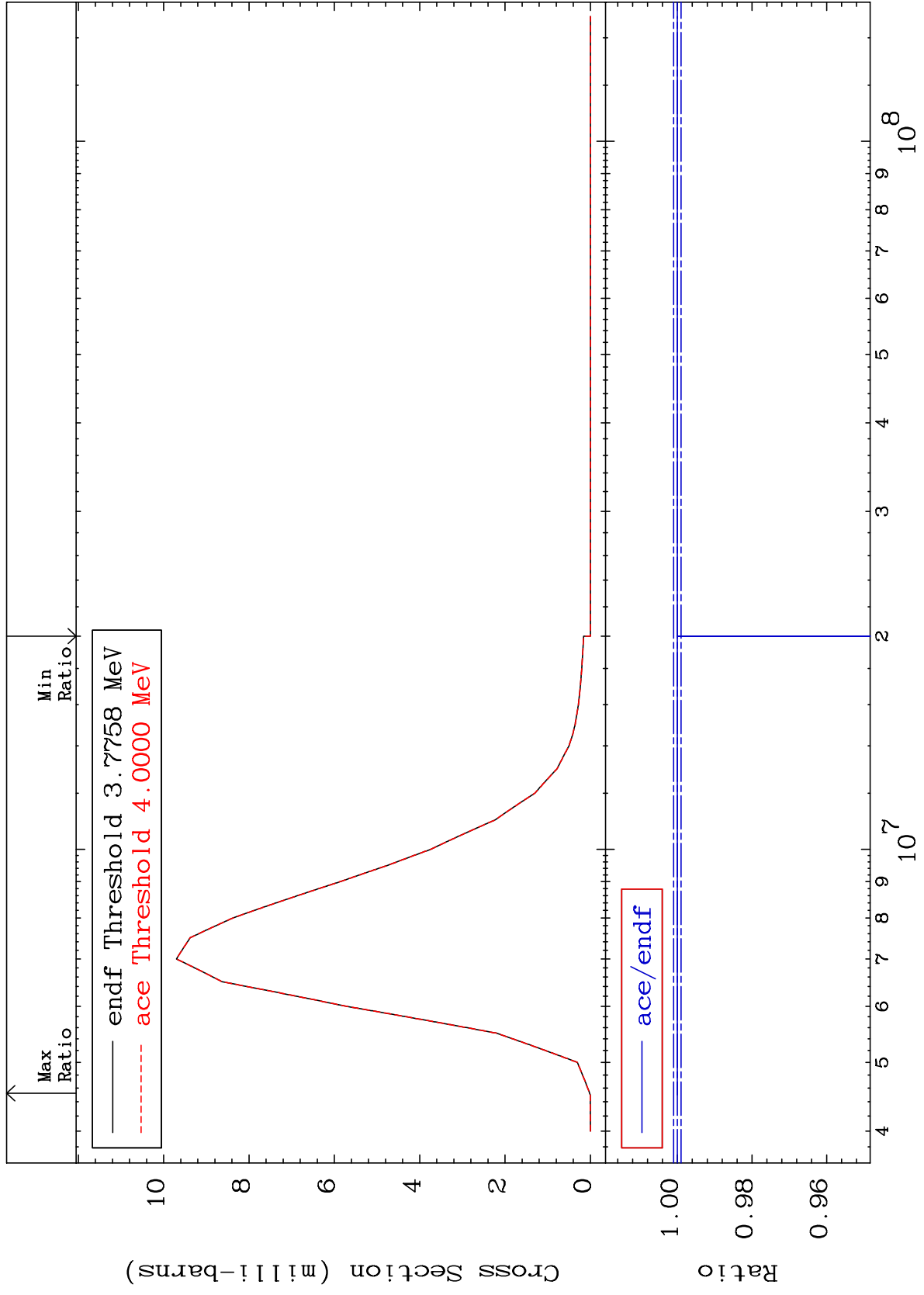
MAT 2025

3.146 MeV (n,p') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

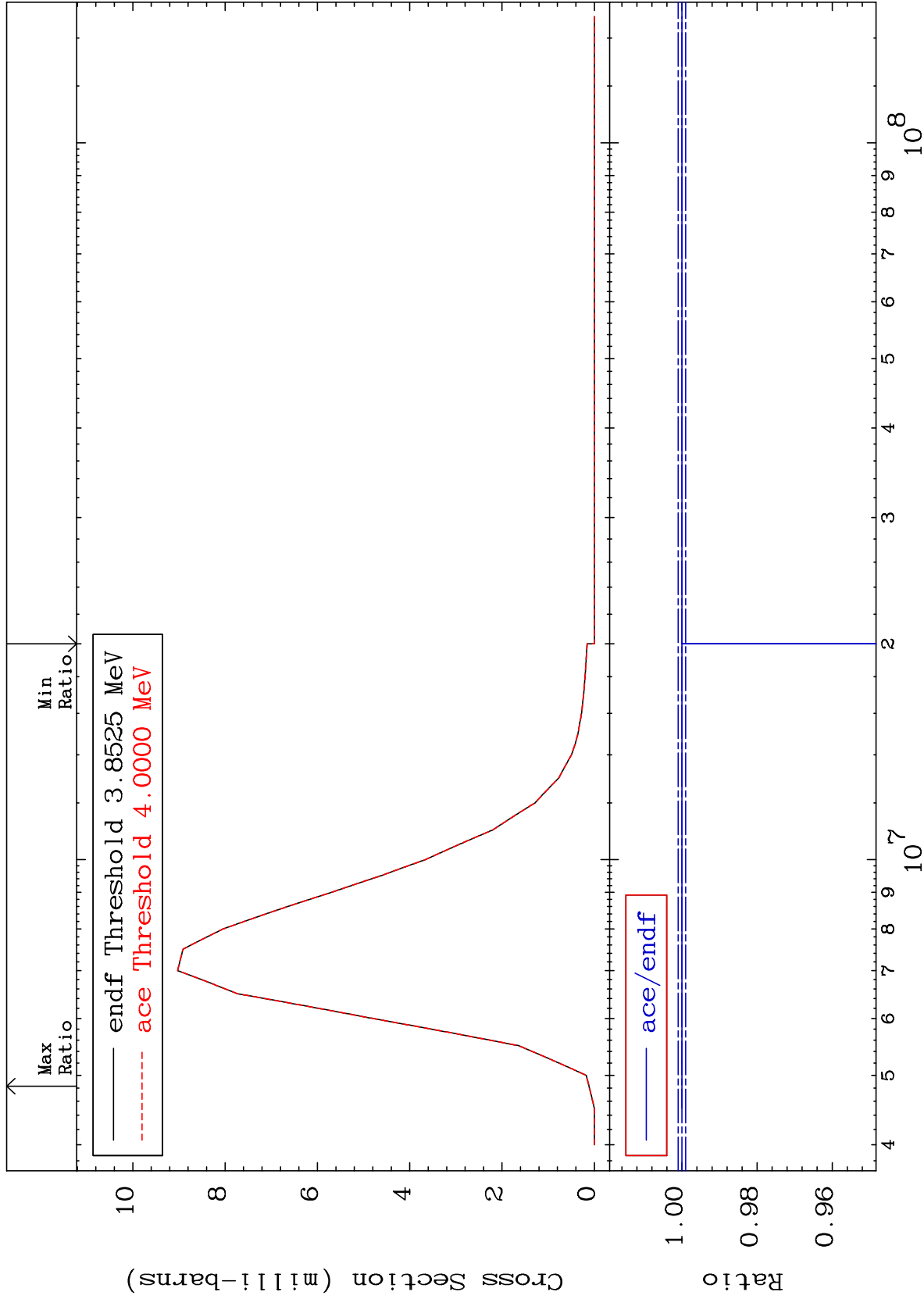


MAT 2025 3.154 MeV (n,p') Level 20-Ca-40
Cross Section -100.0 To 0.000 %

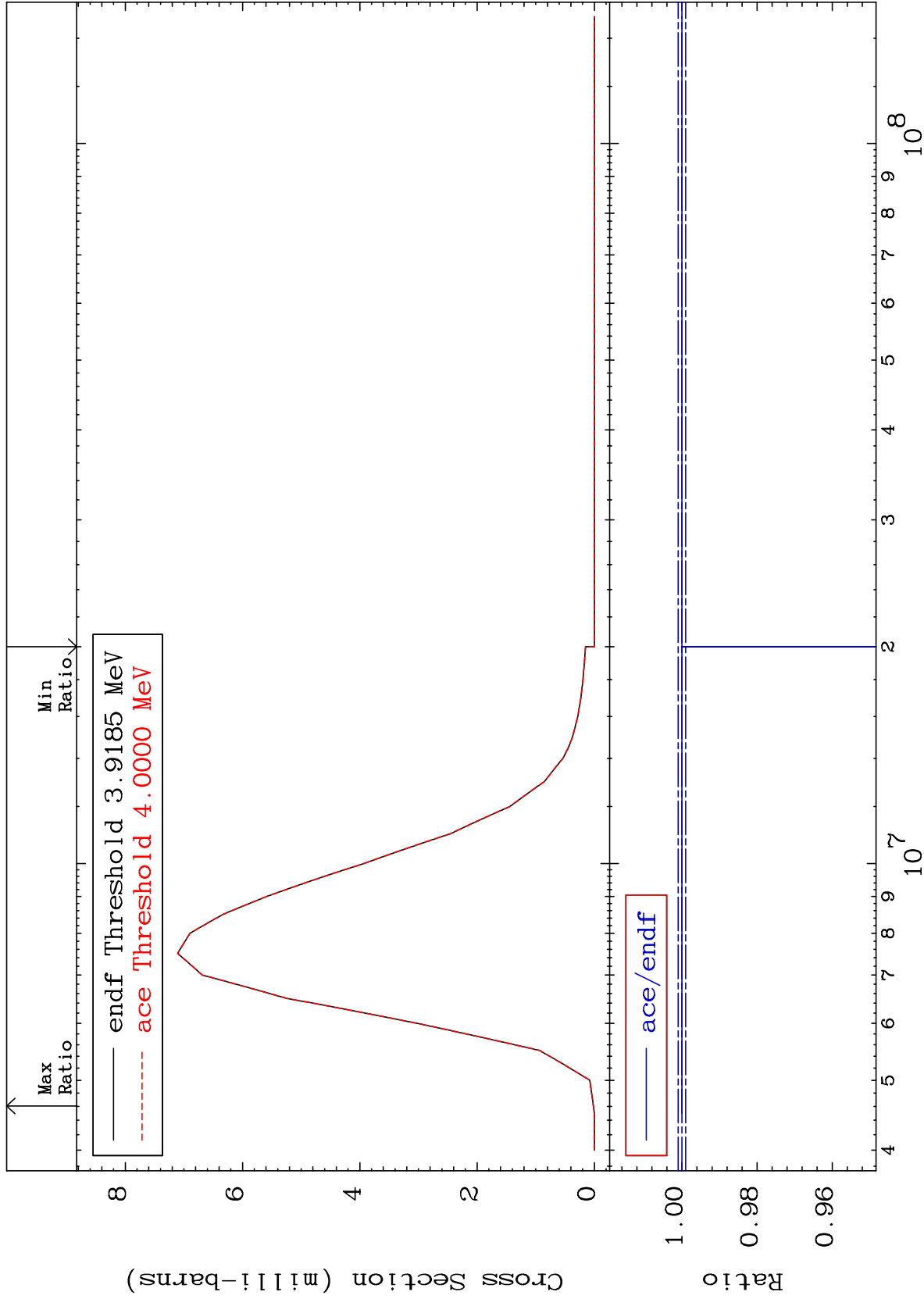


64 20-Ca-40

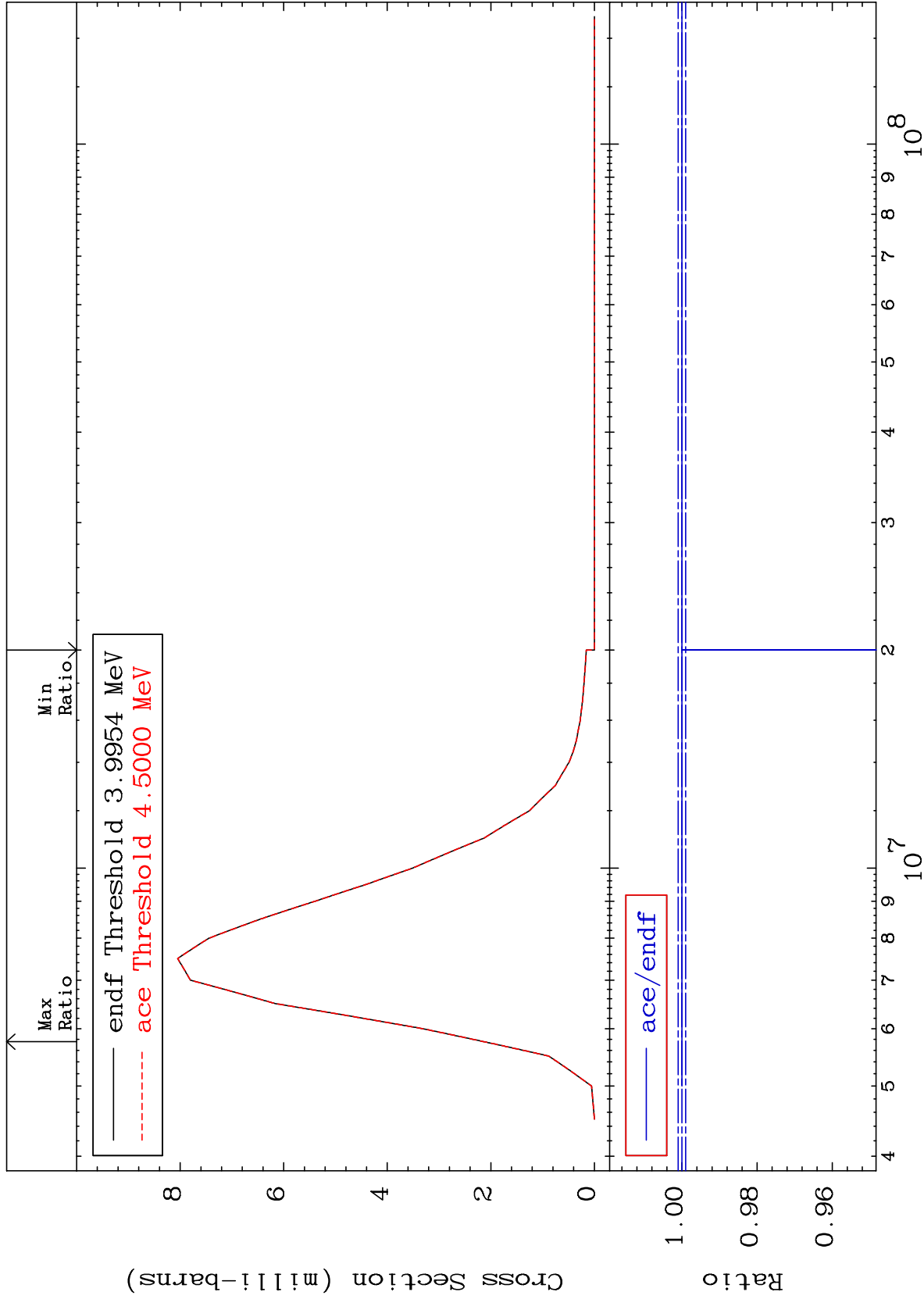
MAT 2025 3.229 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025 3.293 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



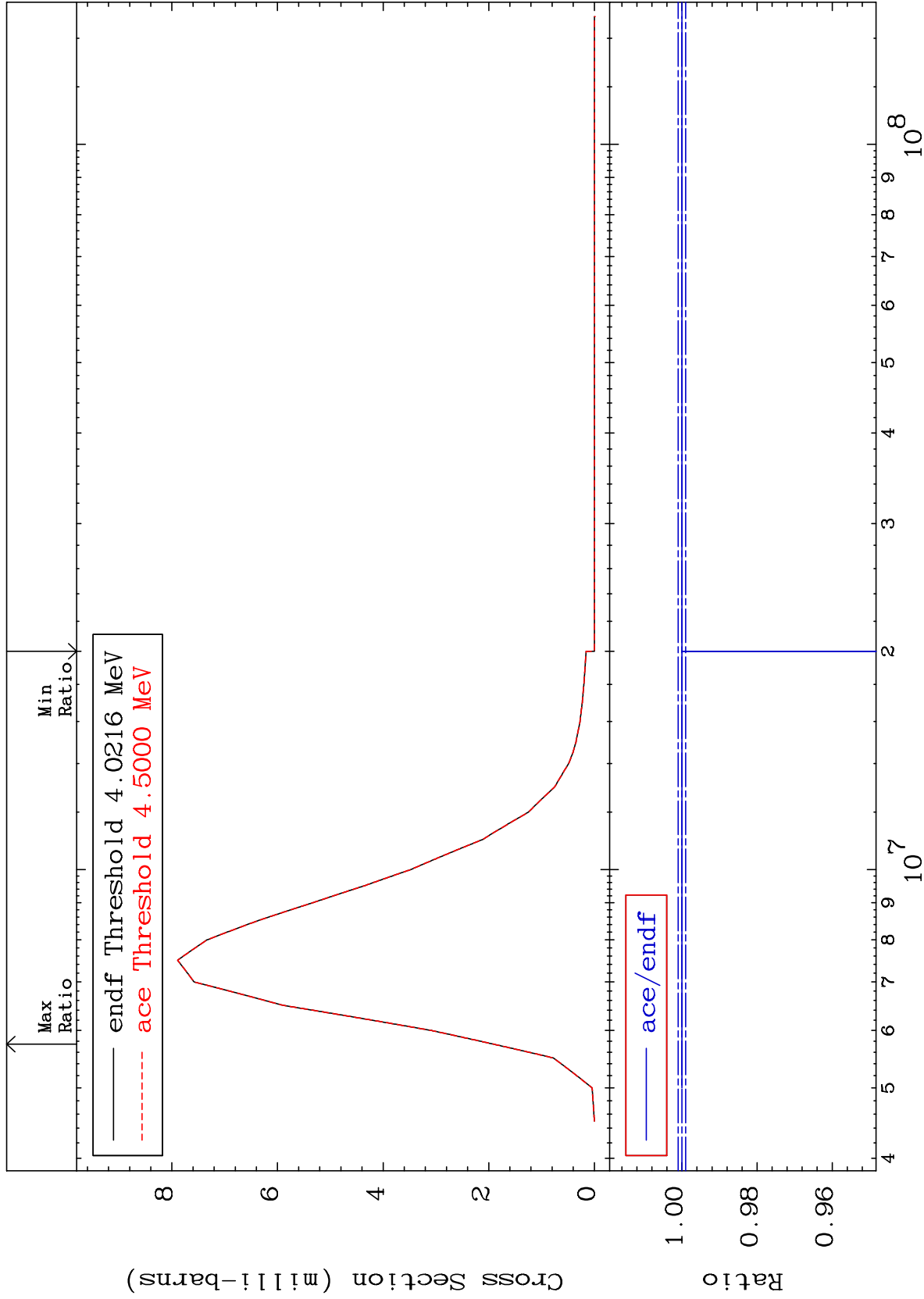
MAT 2025 3.368 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



67

20-Ca-40

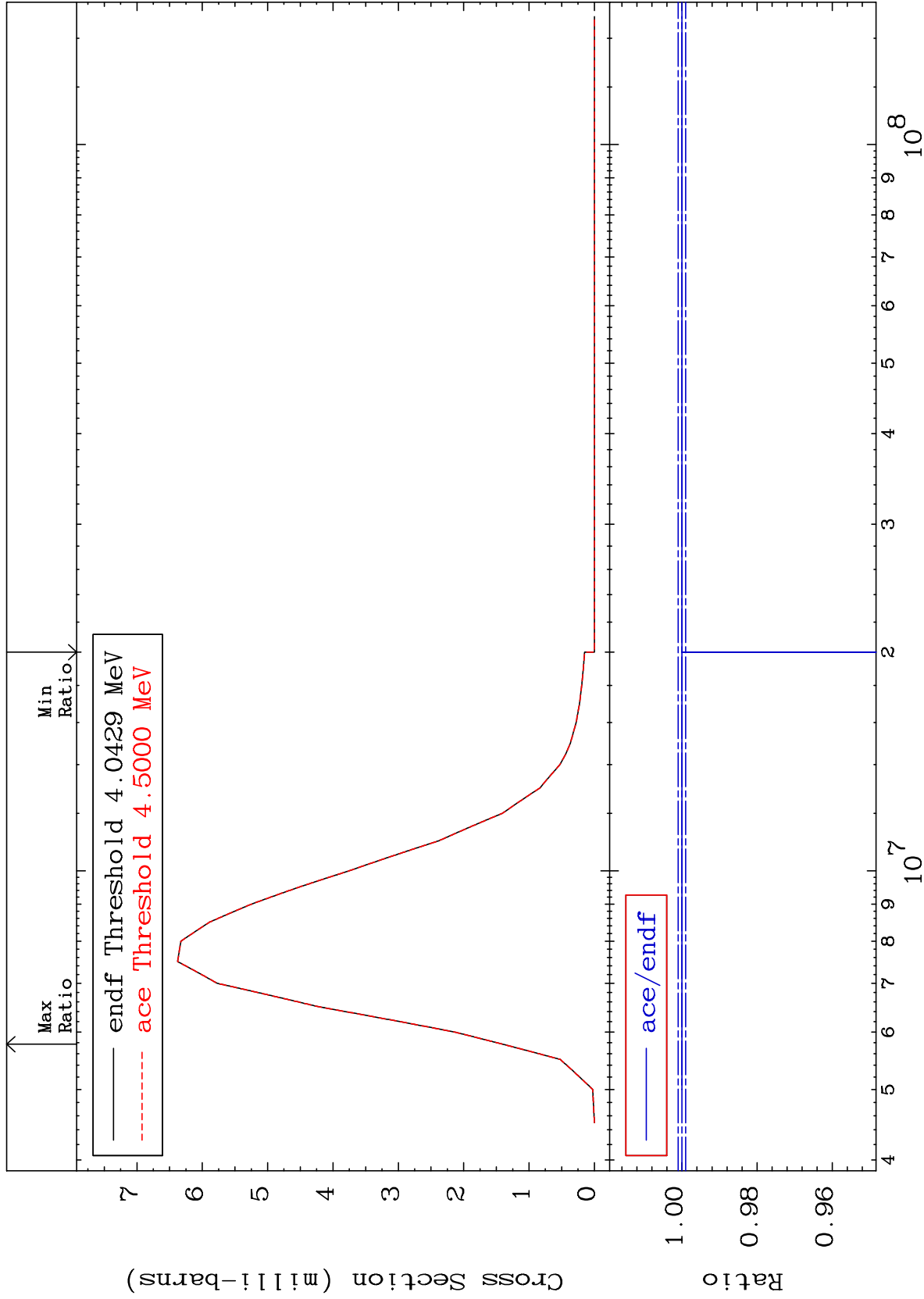
MAT 2025 3.394 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



MAT 2025

3.414 MeV (n,p') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

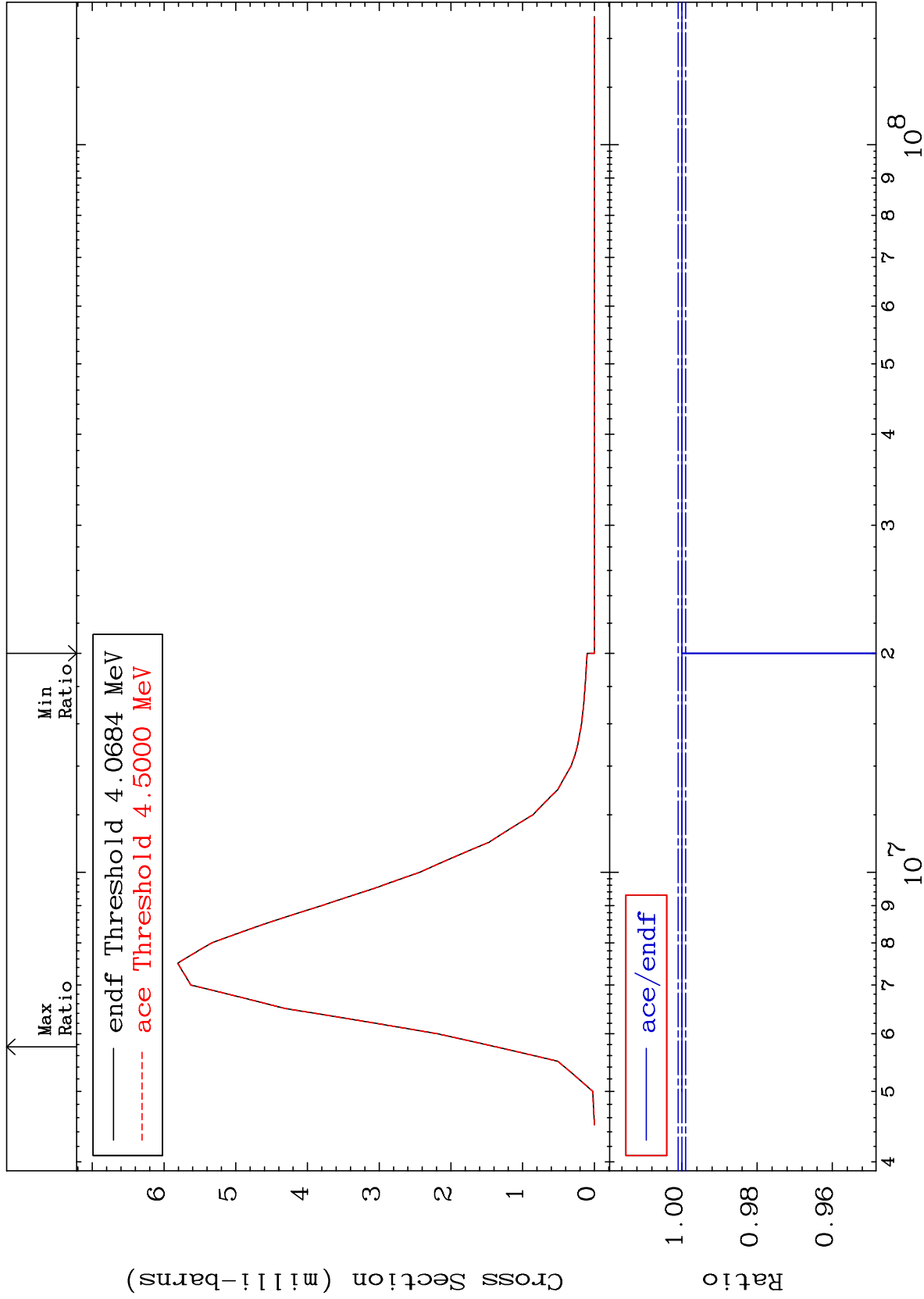


69

20-Ca-40

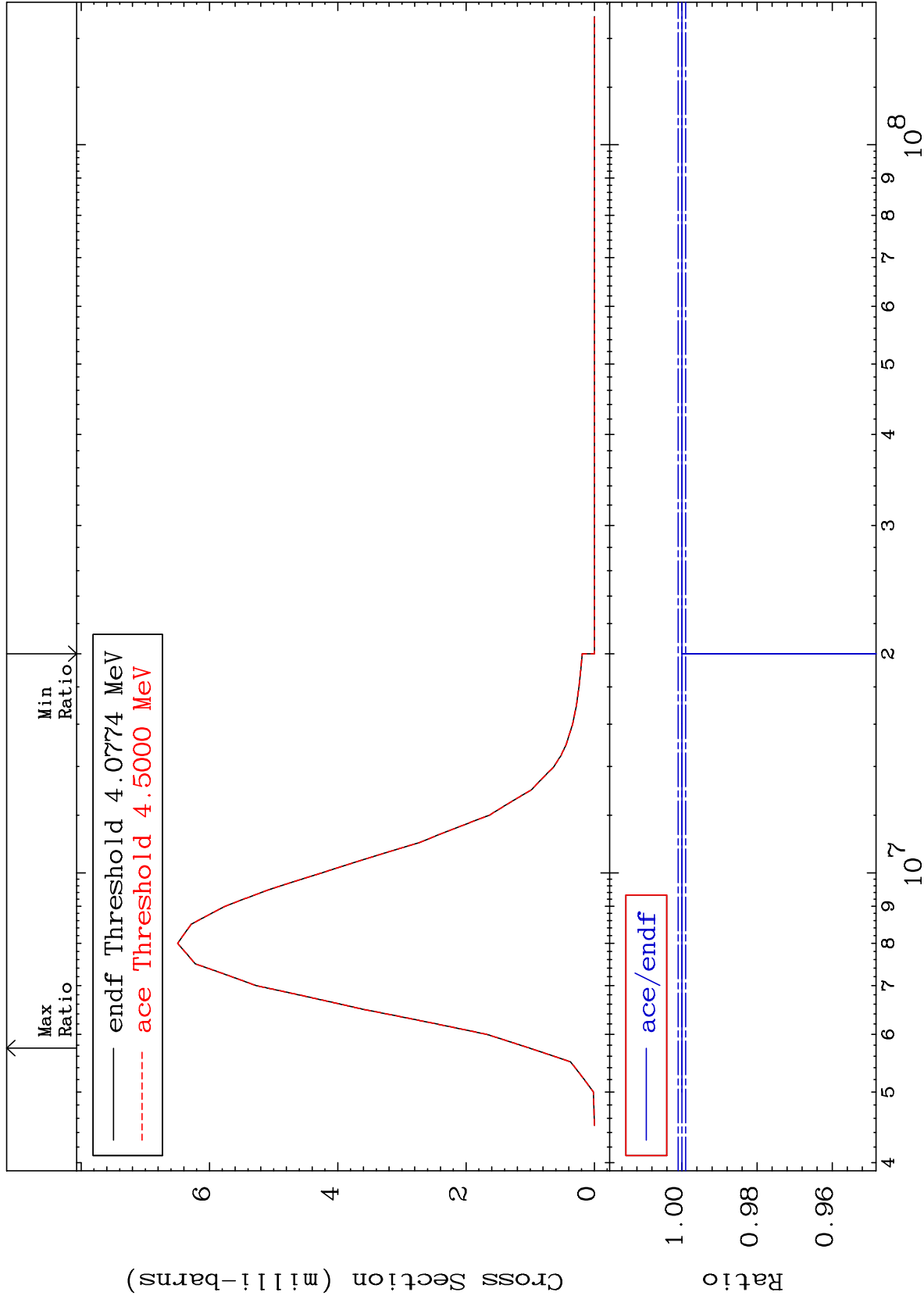
20-Ca-40

MAT 2025 3.439 MeV (n,p') Level 20-Ca-40
Cross Section -100.0 To 0.000 %

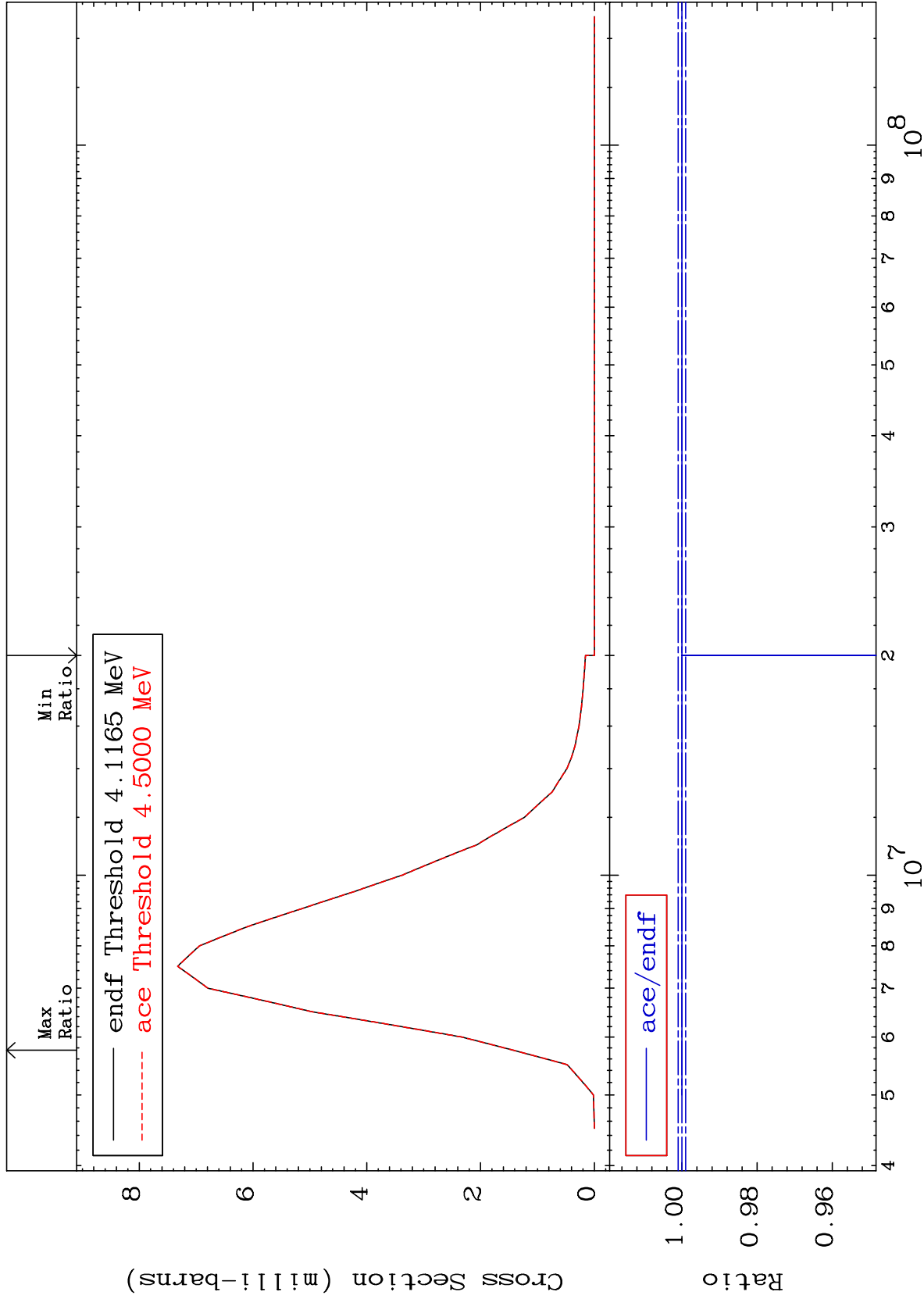


70

MAT 2025 3.448 MeV (n,p') Level
Cross Section -100.0 To 0.000 % 20-Ca-40



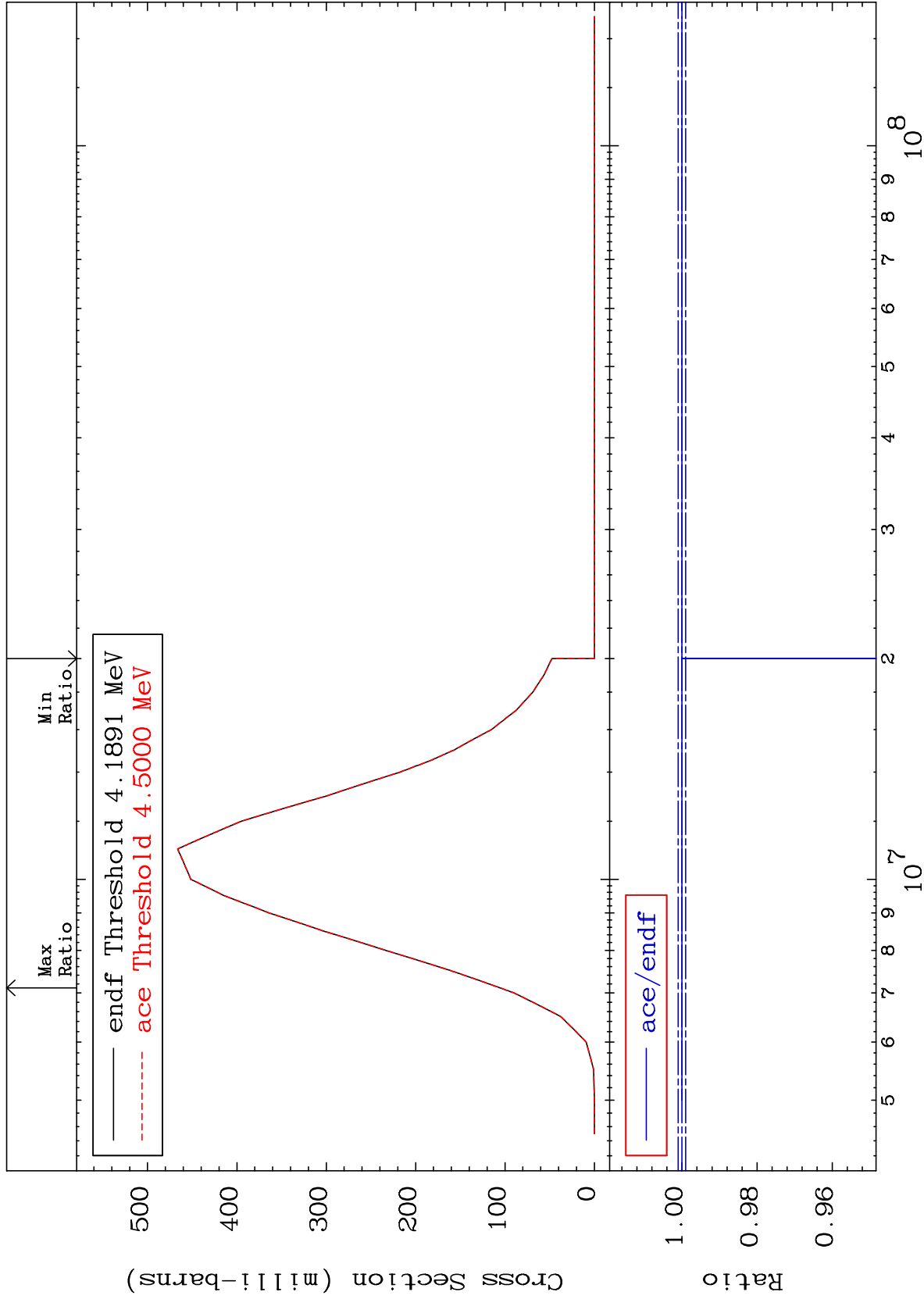
MAT 2025 3.486 MeV (n,p') Level 20-Ca-40
Cross Section -100.0 To 0.000 %



MAT 2025

3.557 MeV (n,p') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

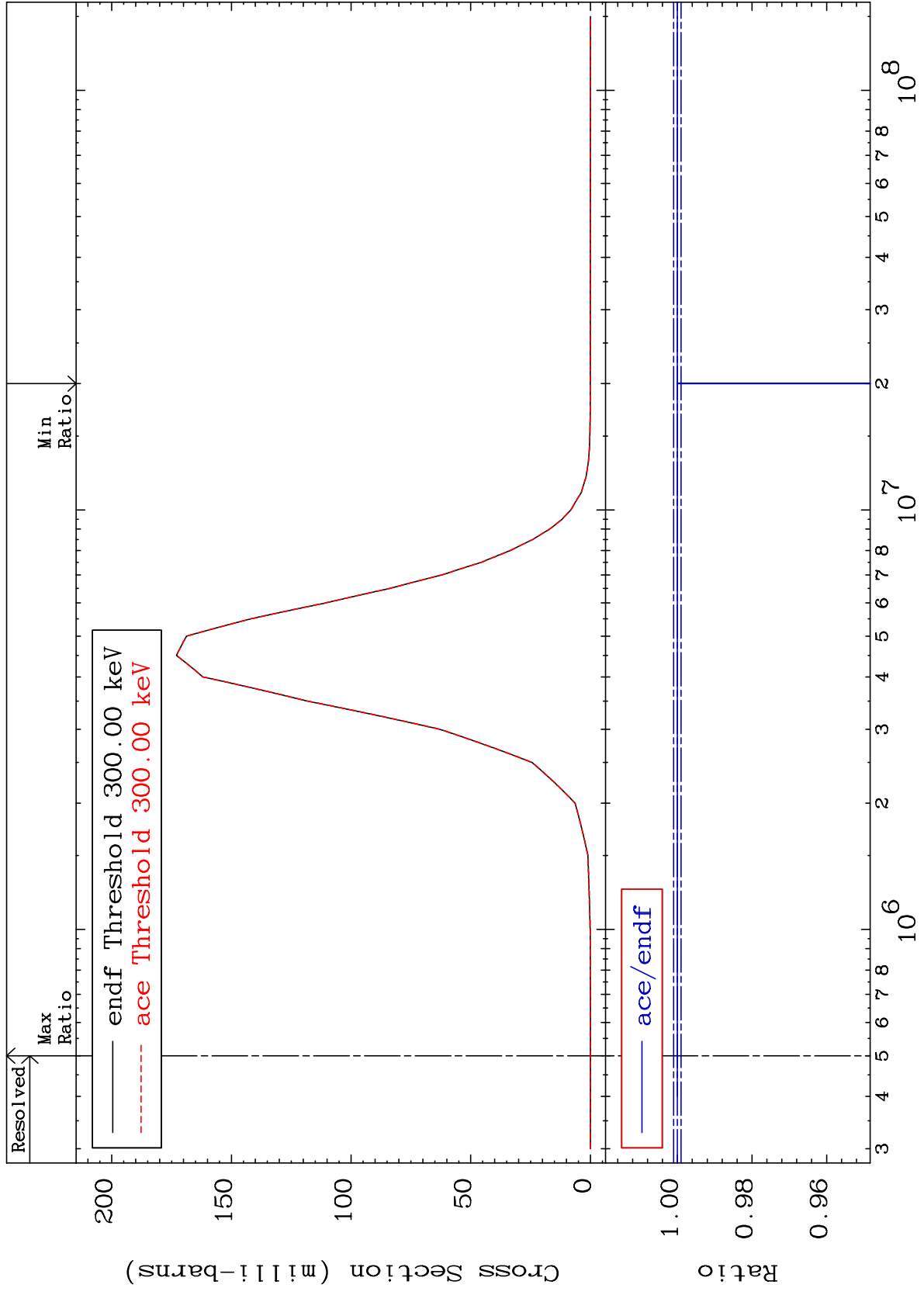


73

Incident Energy (eV)

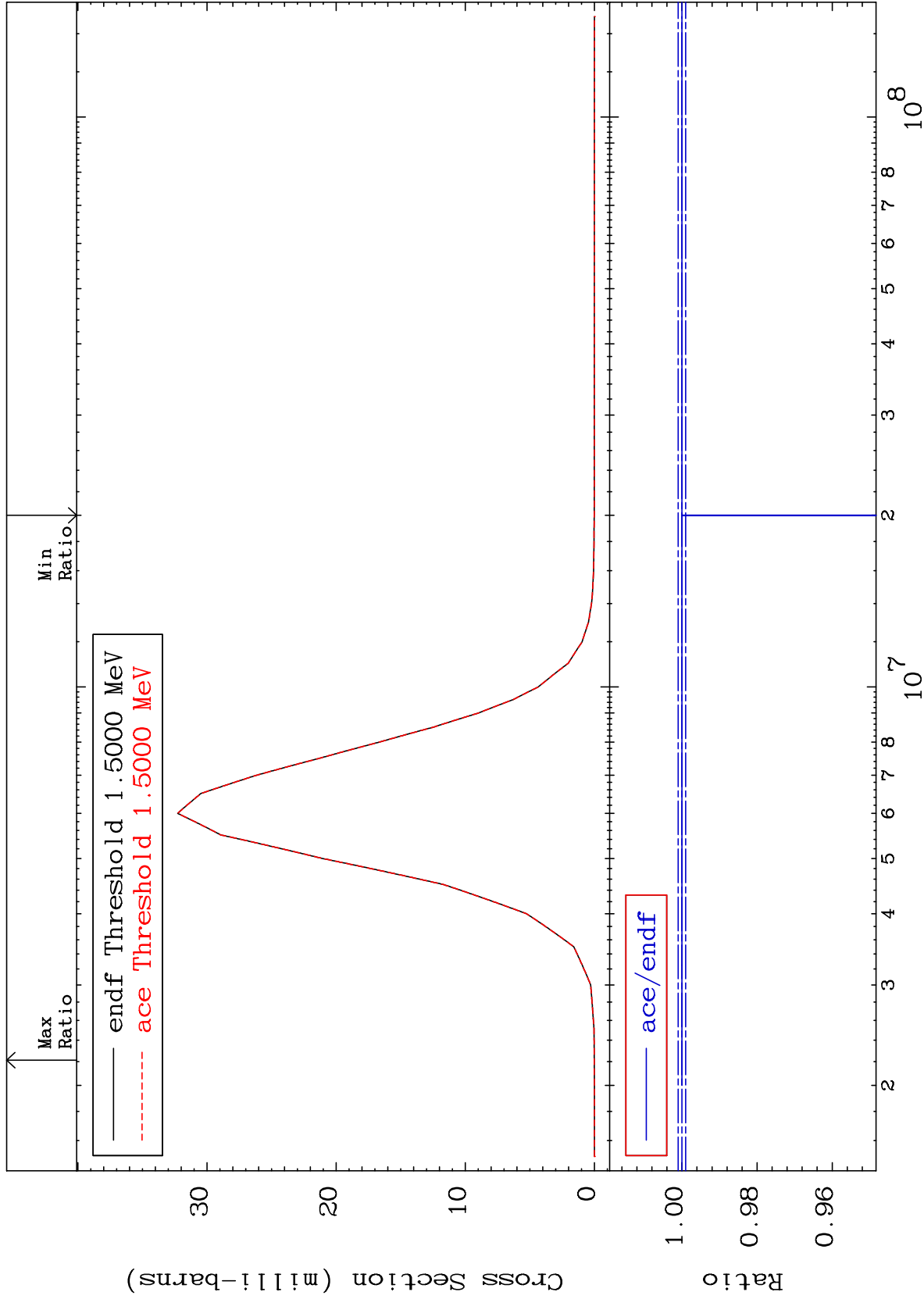
20-Ca-40

MAT 2025 (n, α') Ground Cross Section 20-Ca-40 -100.0 To 0.000 %

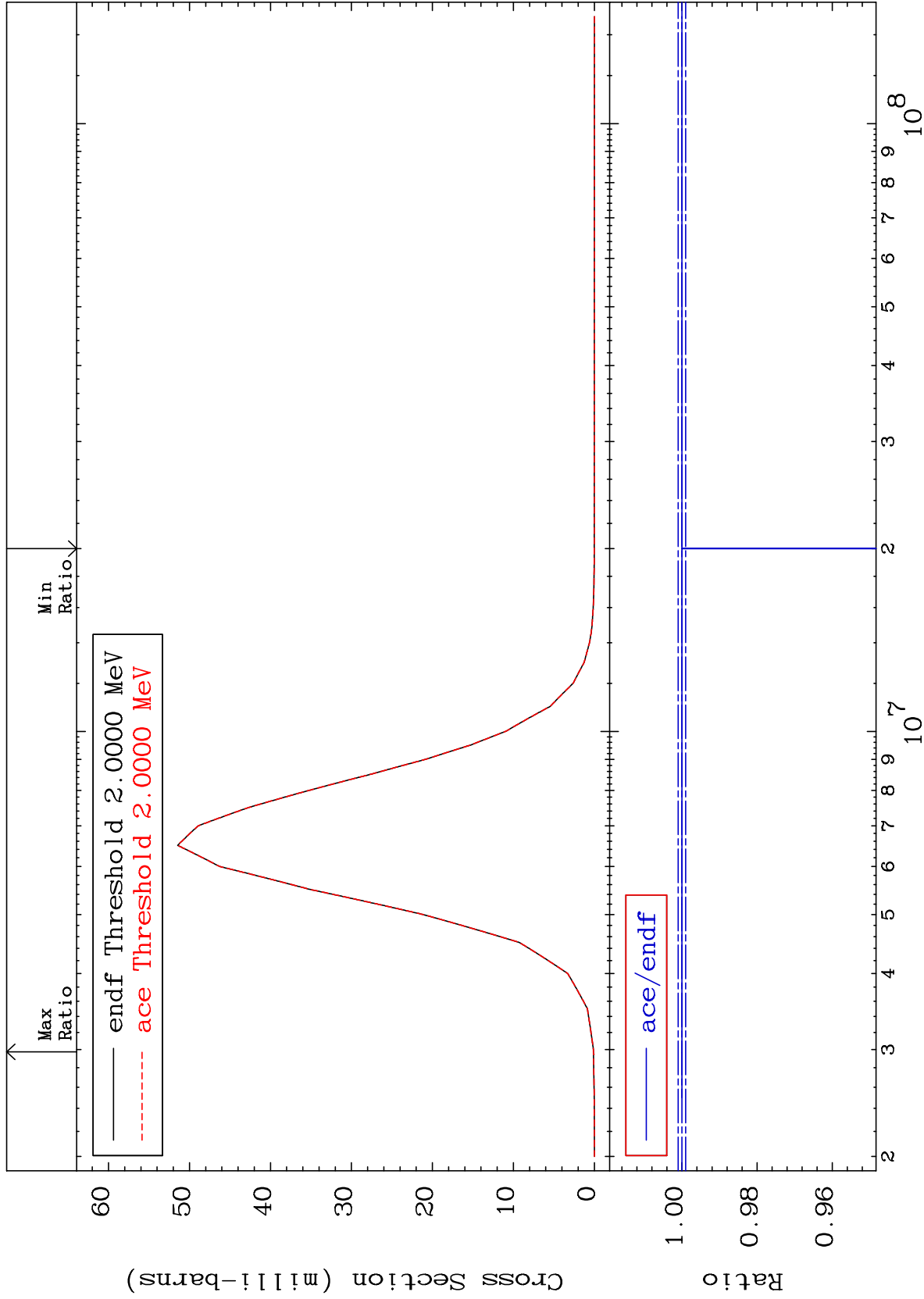


74 Incident Energy (eV) 20-Ca-40

MAT 2025 1.410 MeV (n,α') Level 20-Ca-40
Cross Section -100.0 To 0.000 %



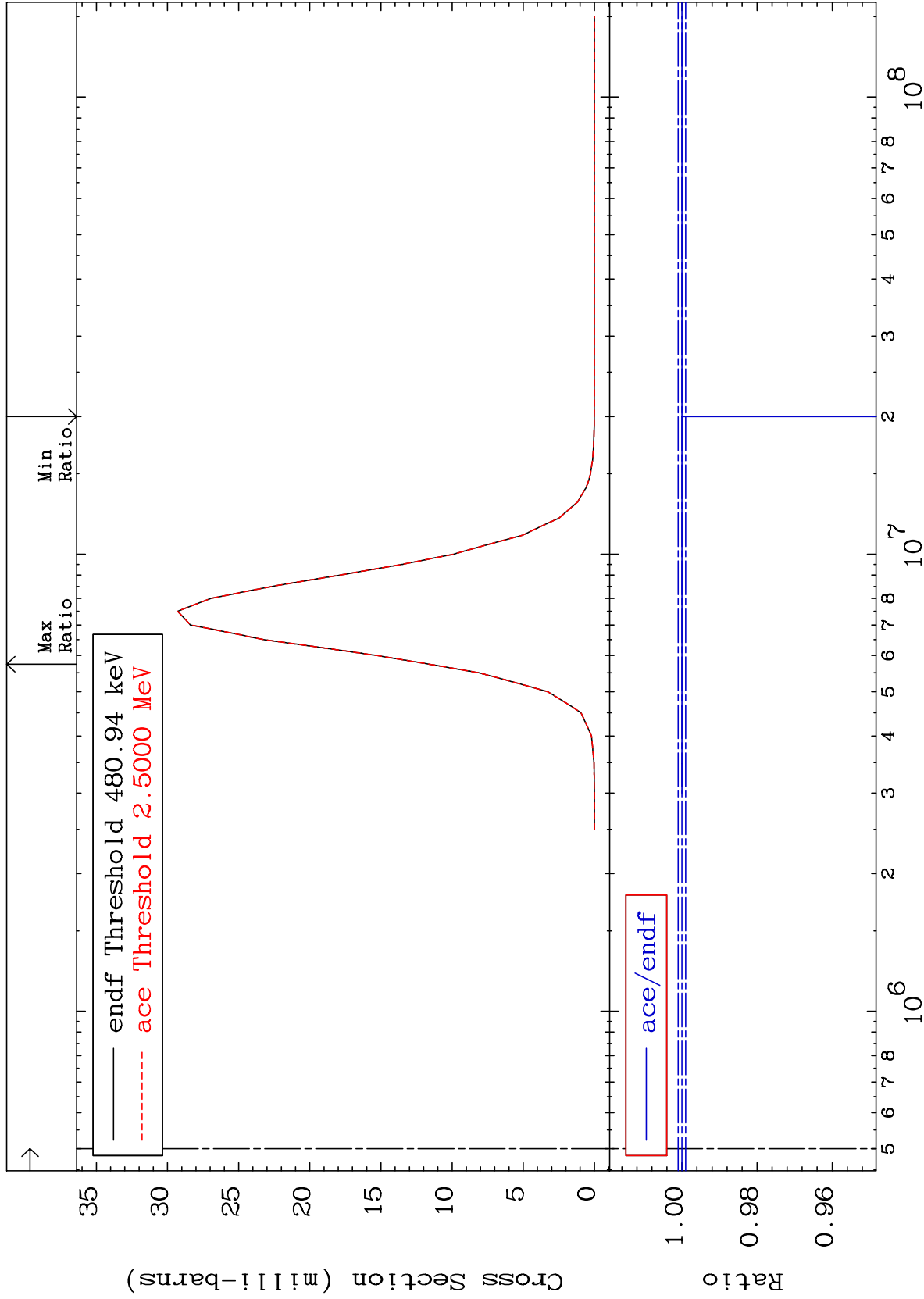
MAT 2025 1.611 MeV (n,α') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



MAT 2025

2.217 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



77

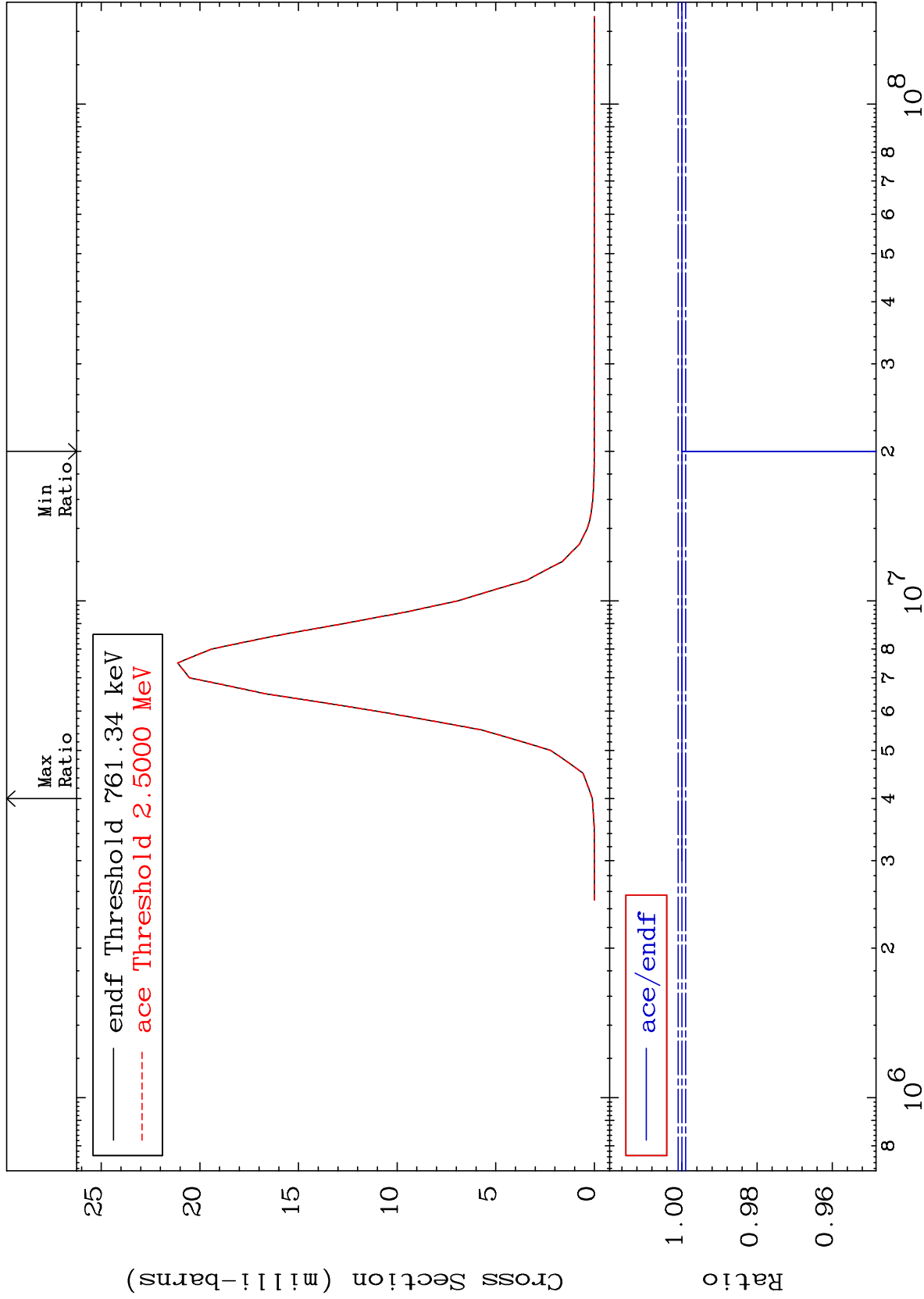
Incident Energy (eV)

20-Ca-40

MAT 2025

2.491 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



78

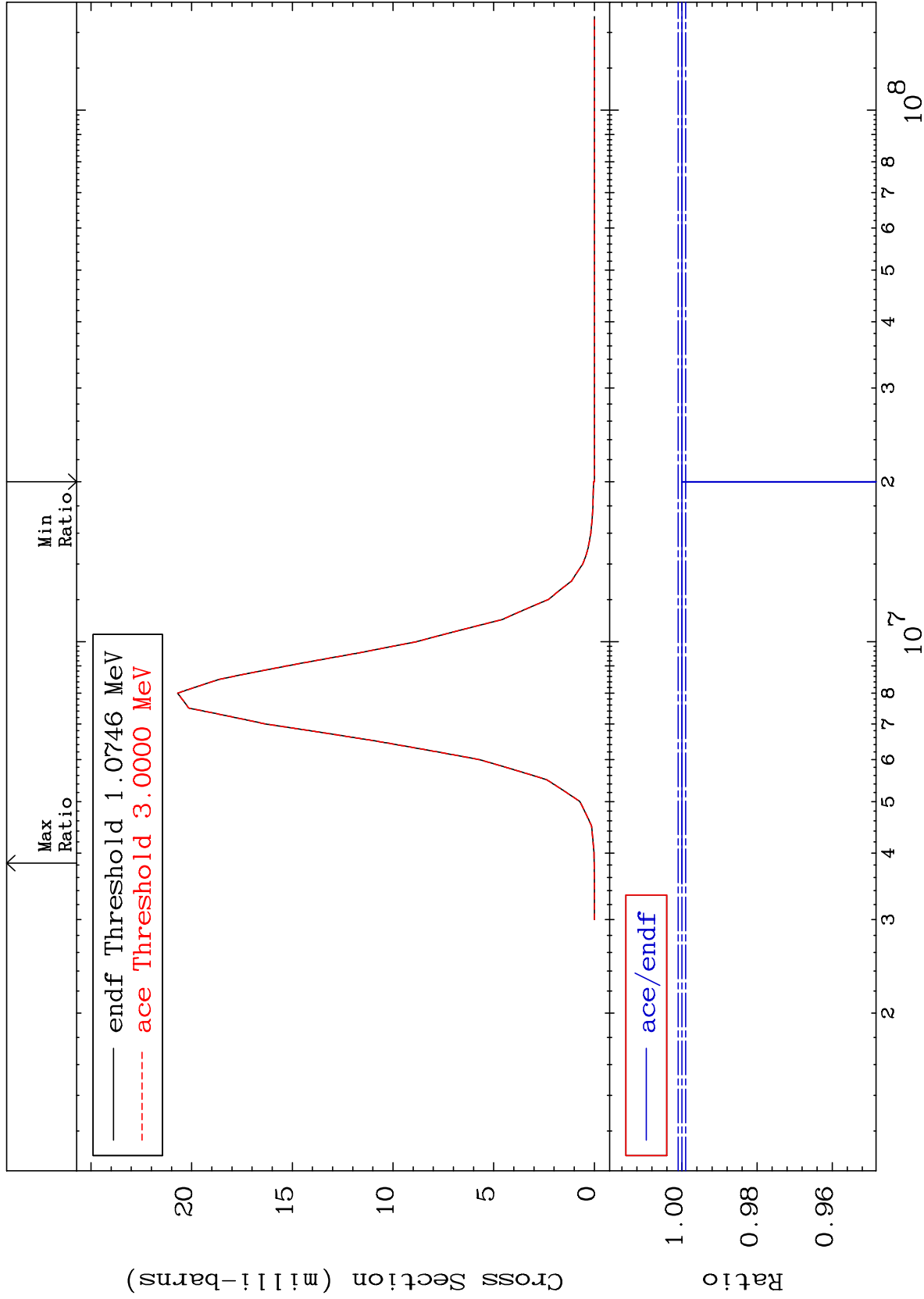
Incident Energy (eV)

20-Ca-40

MAT 2025

2.796 MeV (n,α') Level
Cross Section

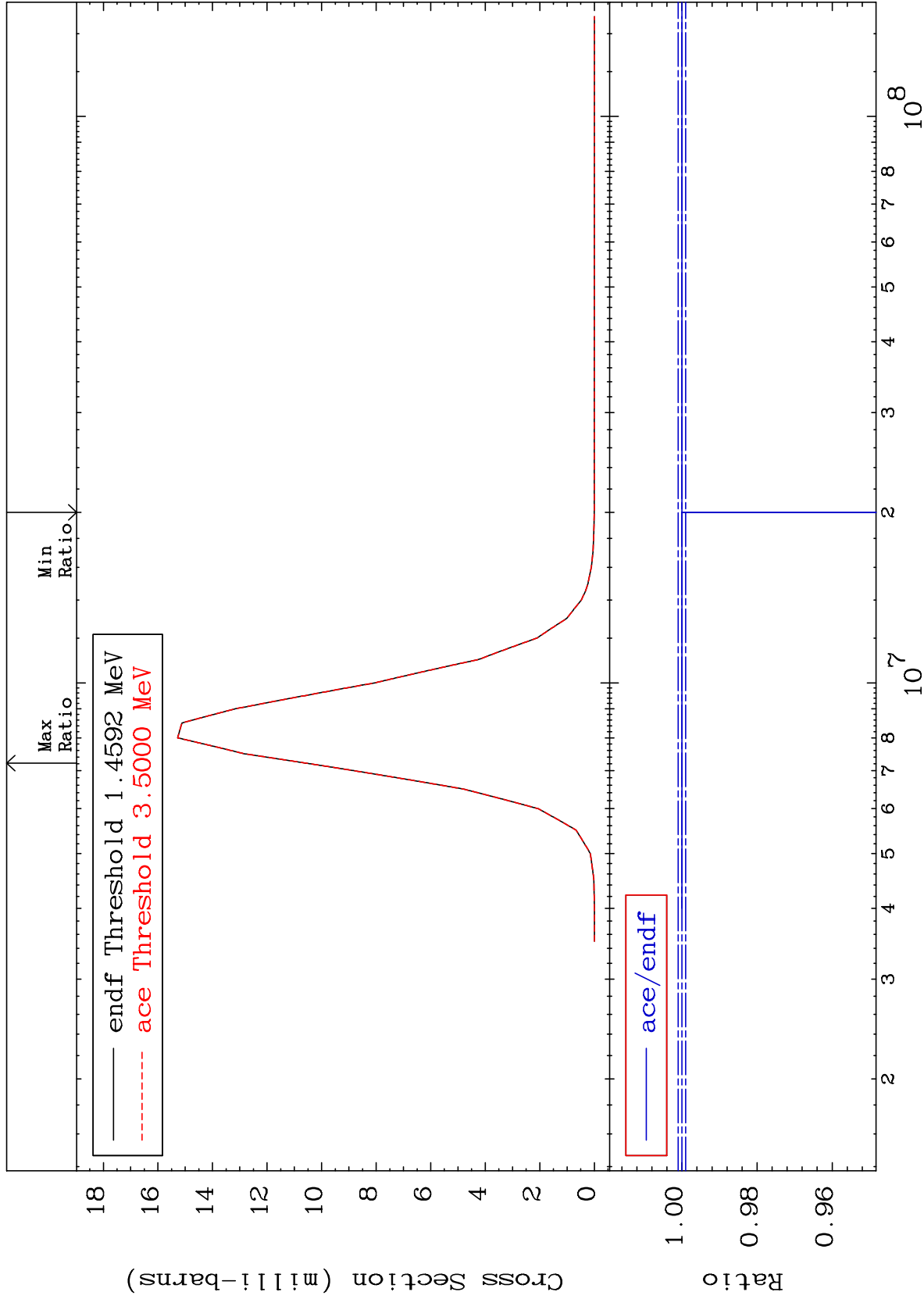
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.171 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



80

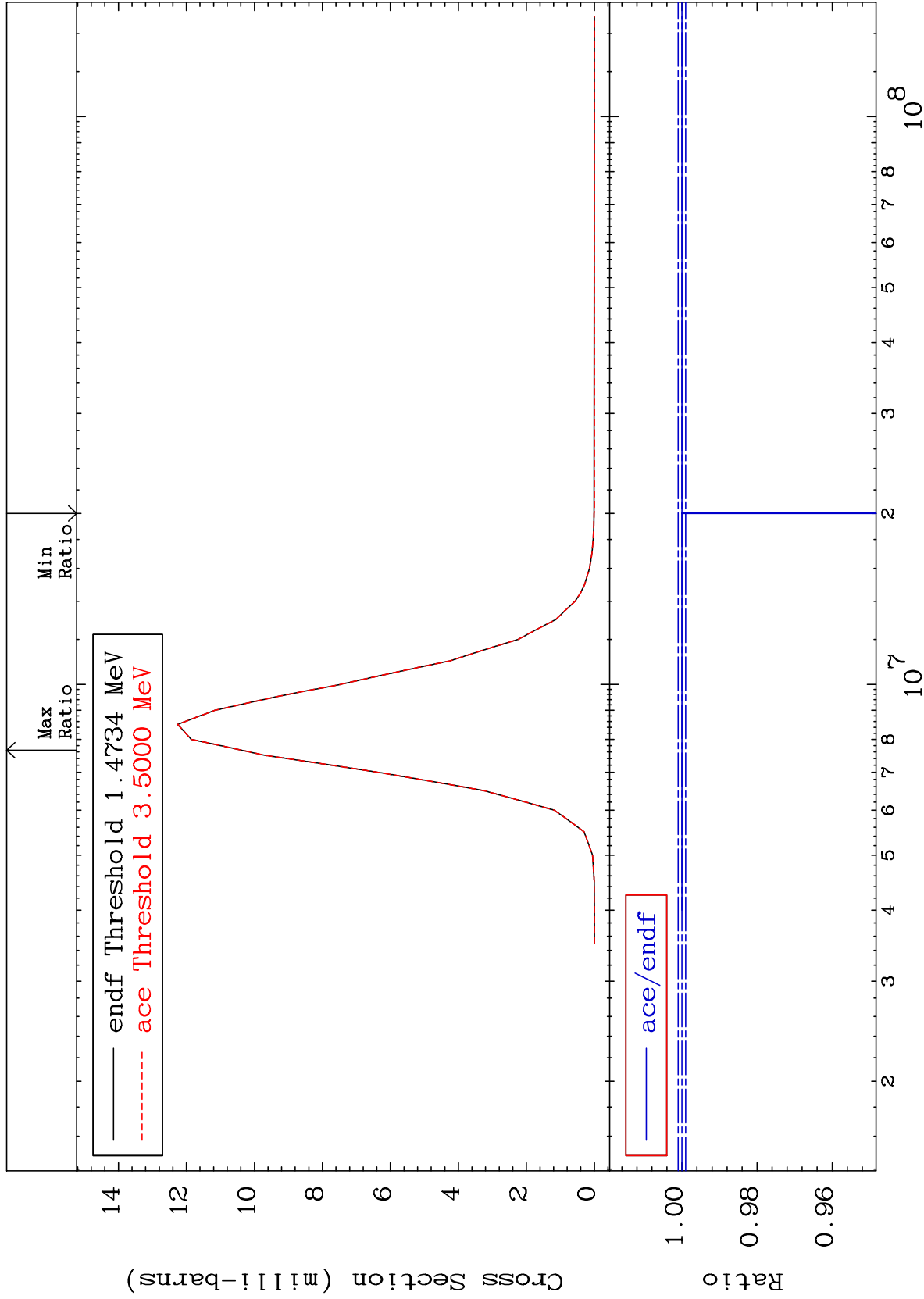
Incident Energy (eV)

20-Ca-40

MAT 2025

3.185 MeV (n, α') Level
Cross Section

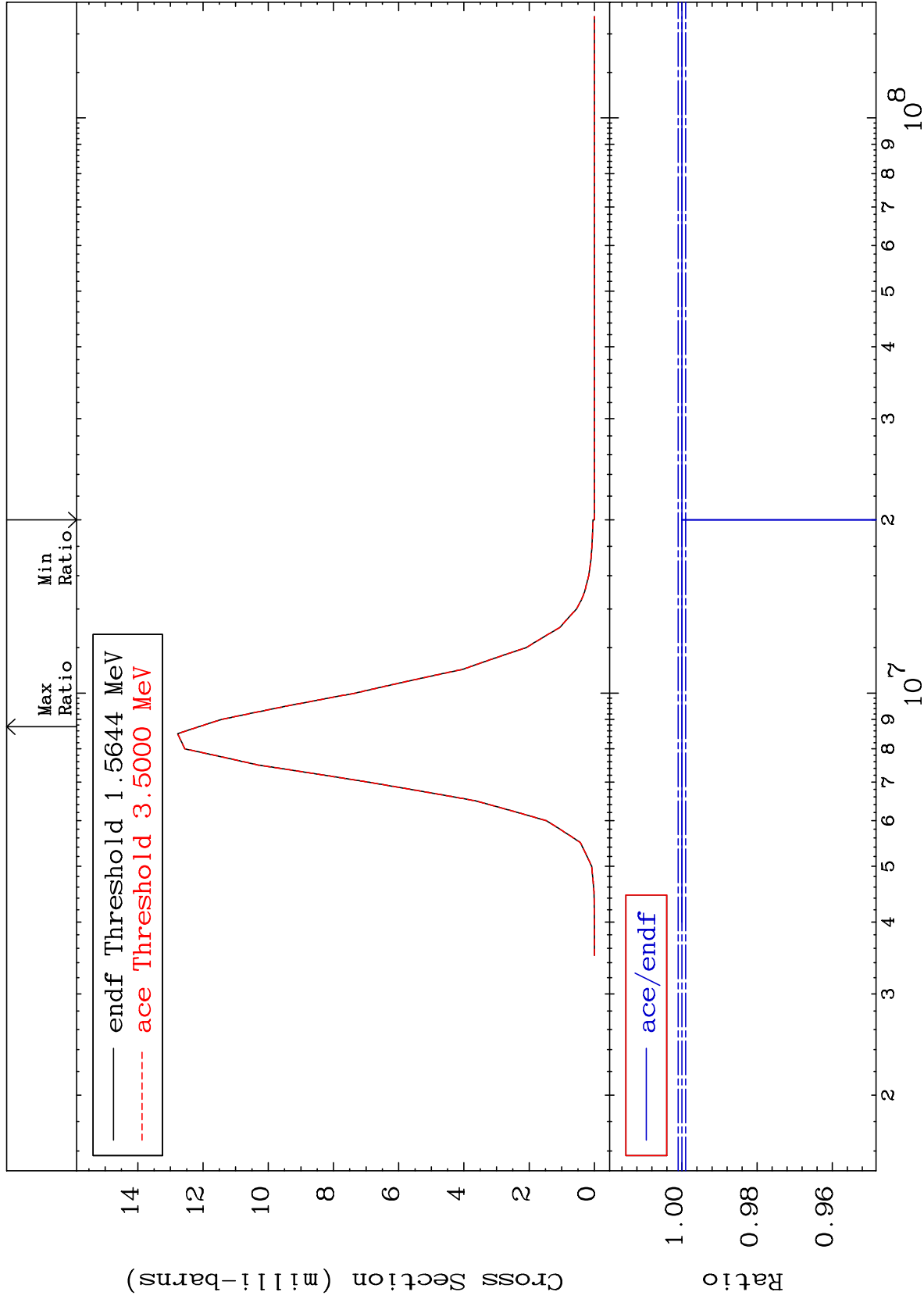
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.274 MeV (n, α') Level
Cross Section

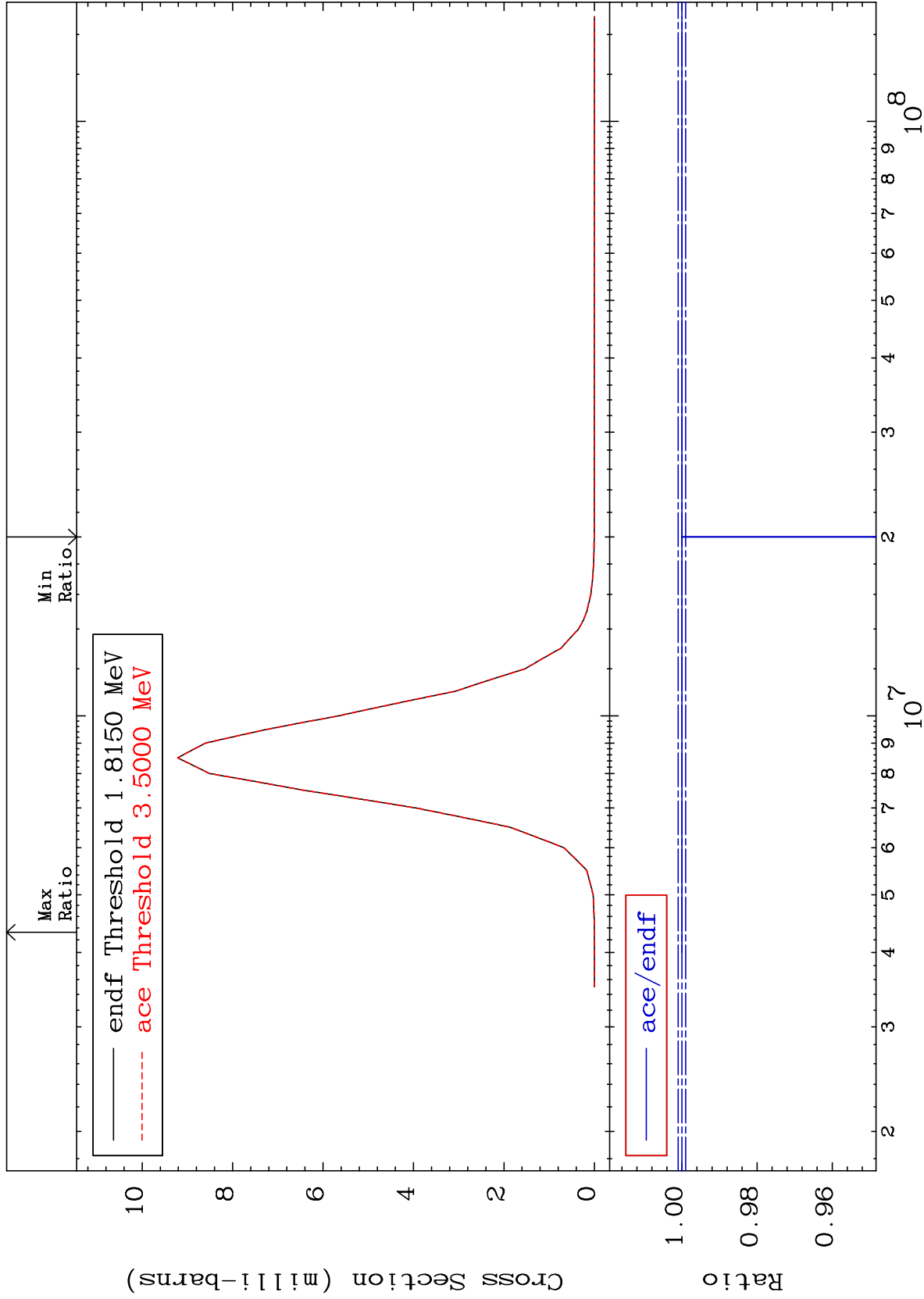
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.518 MeV (n, α') Level
Cross Section

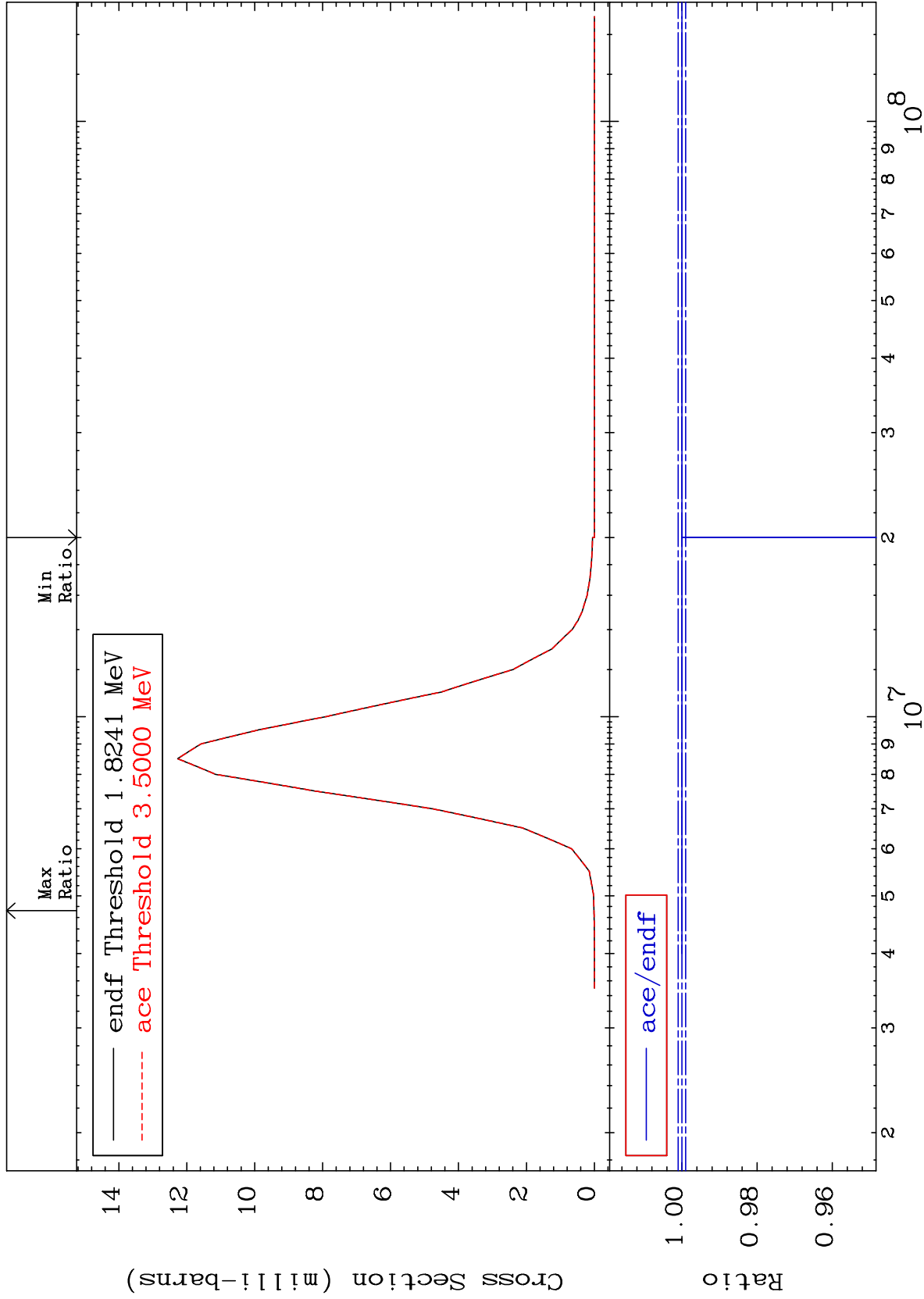
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.527 MeV (n, α') Level
Cross Section

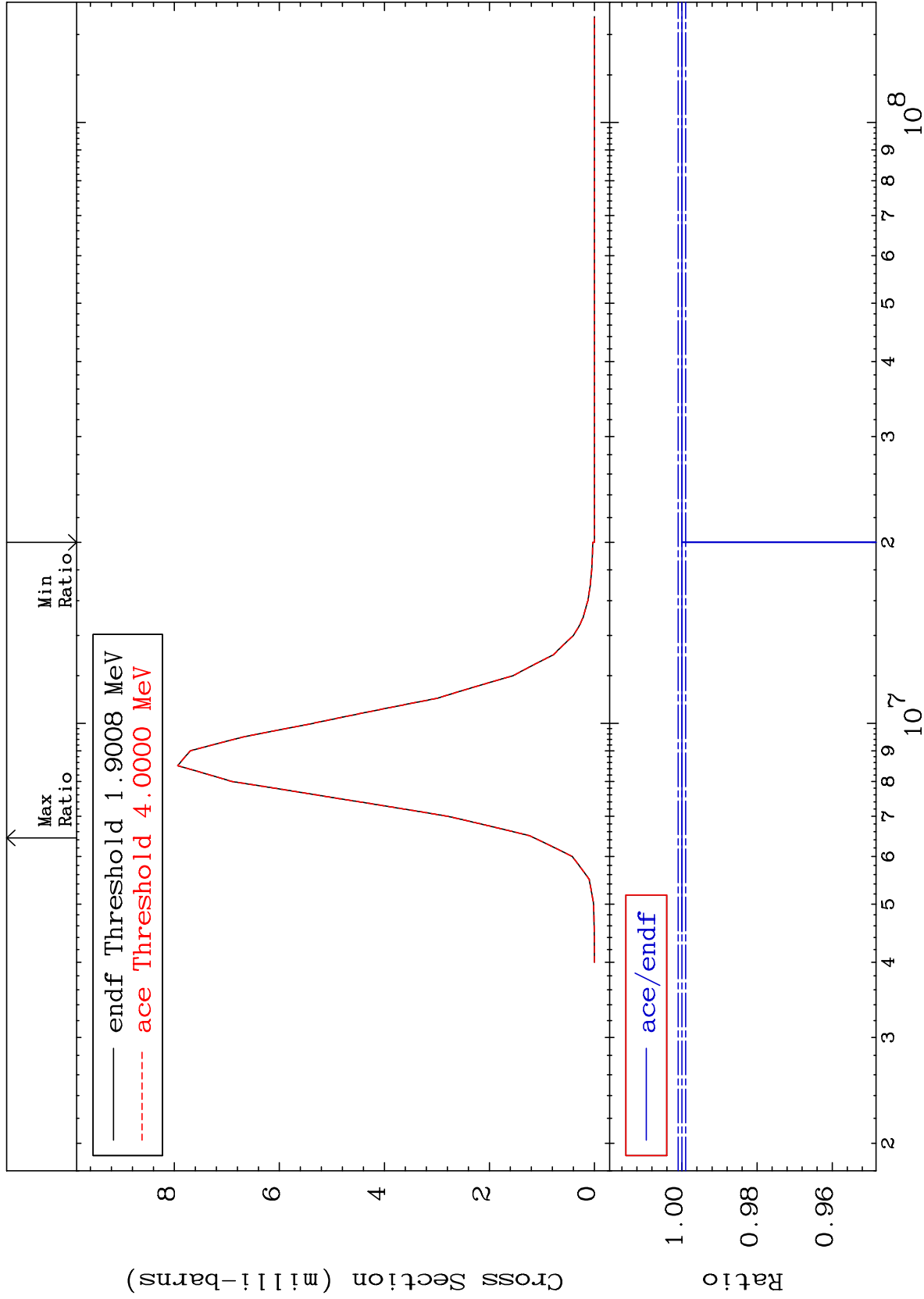
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.602 MeV (n, α') Level
Cross Section

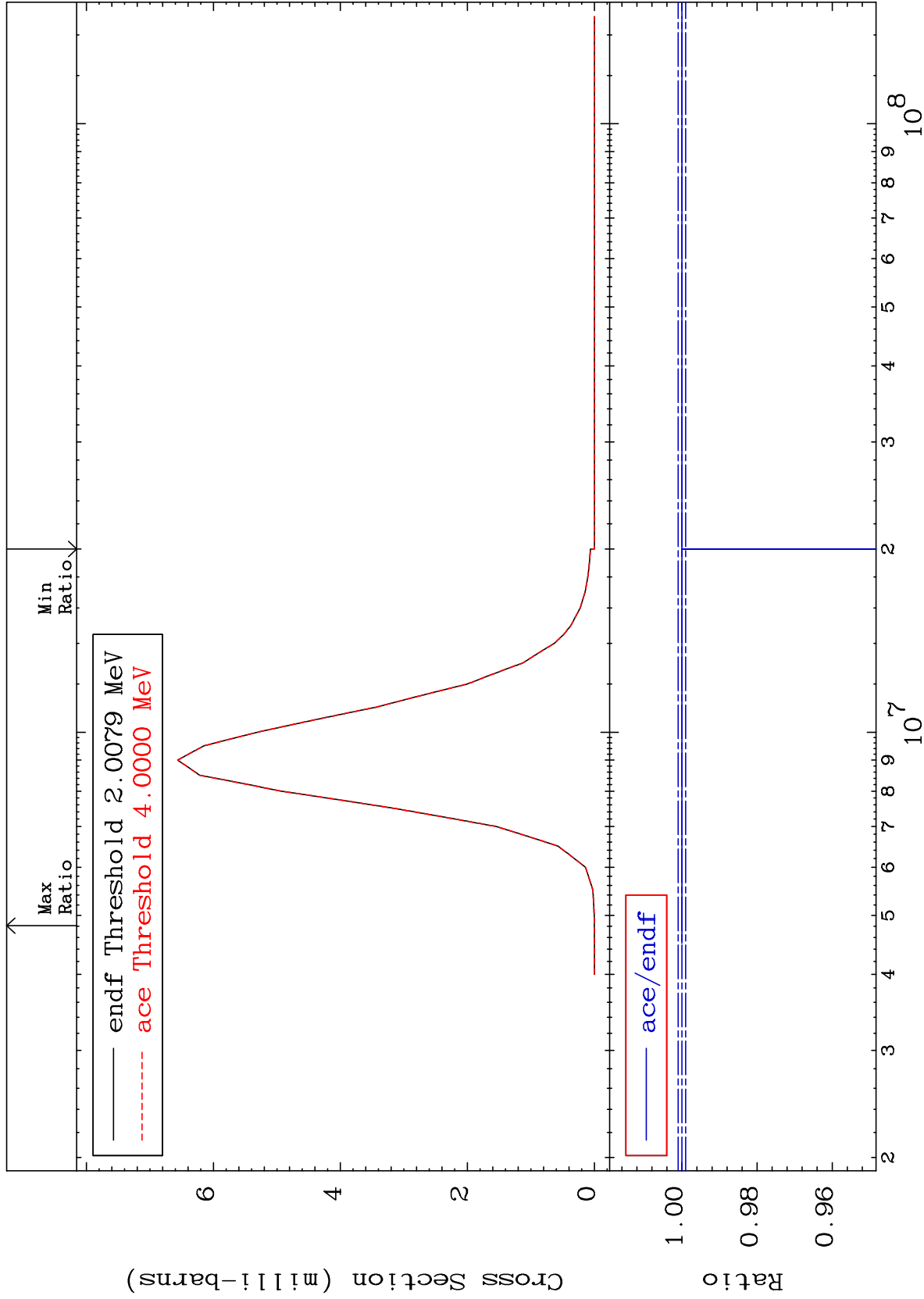
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.706 MeV (n, α') Level
Cross Section

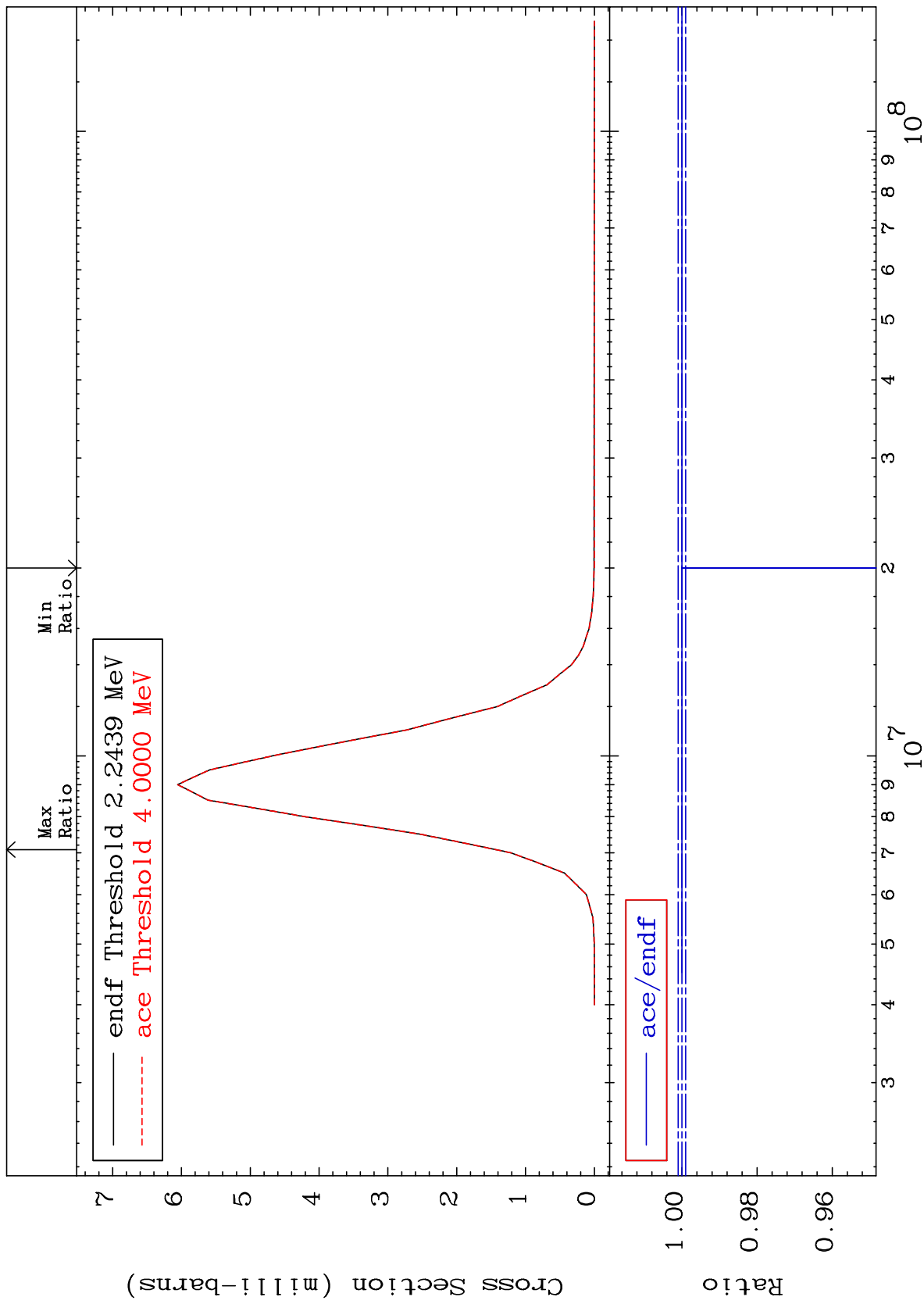
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.937 MeV (n, α') Level
Cross Section

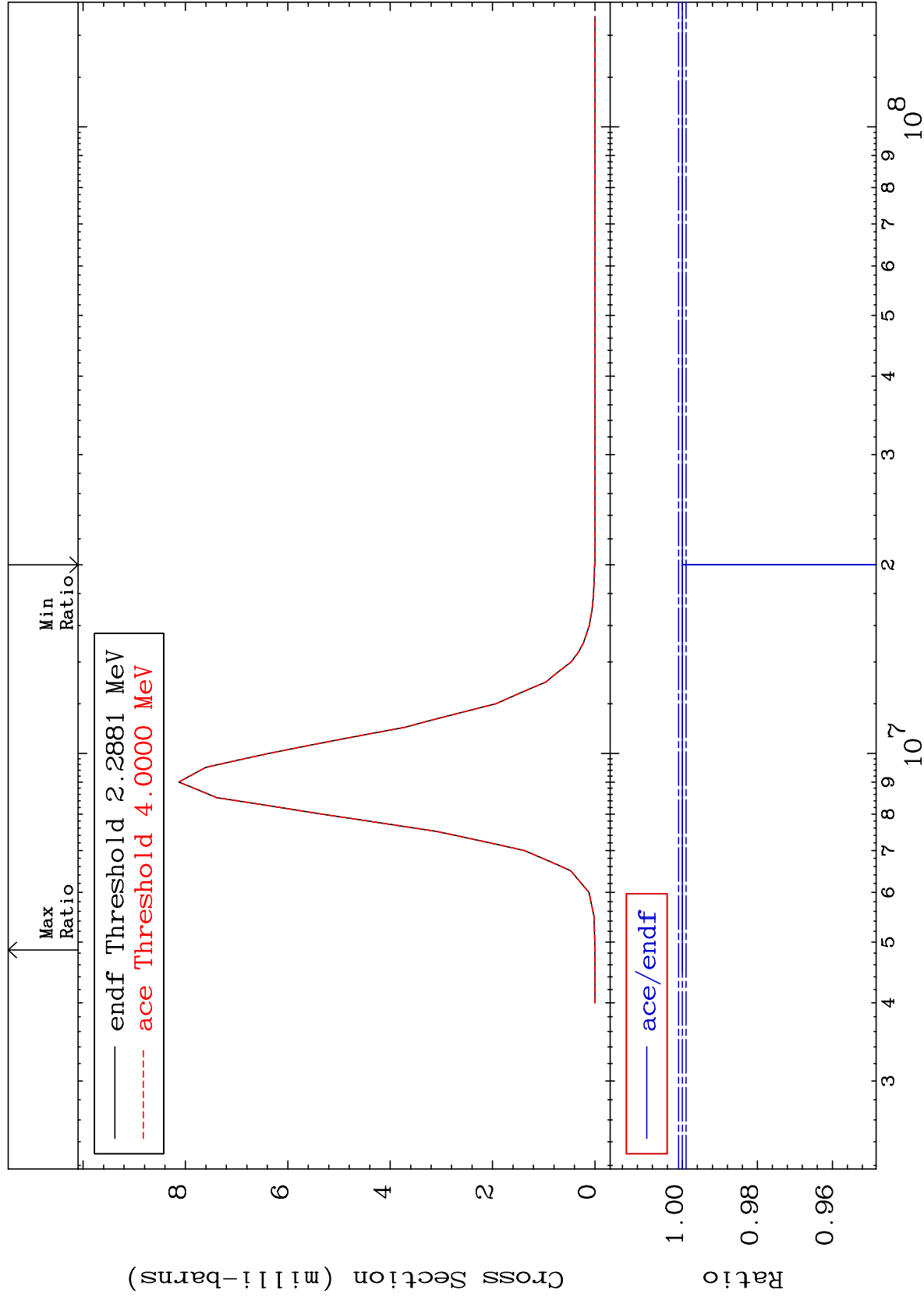
20-Ca-40
-100.0 To 0.000 %



MAT 2025

3.980 MeV (n, α') Level
Cross Section

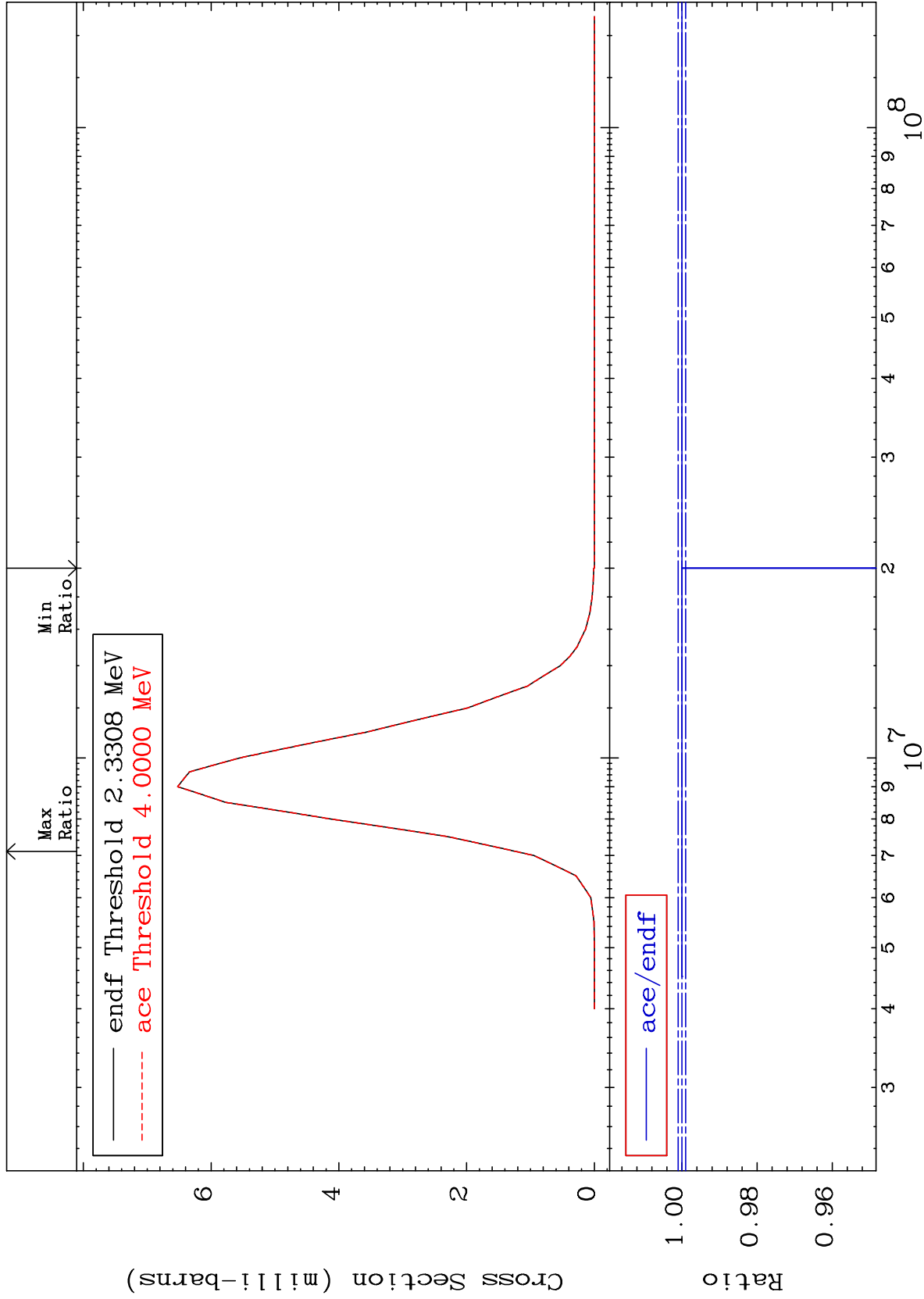
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.021 MeV (n, α') Level
Cross Section

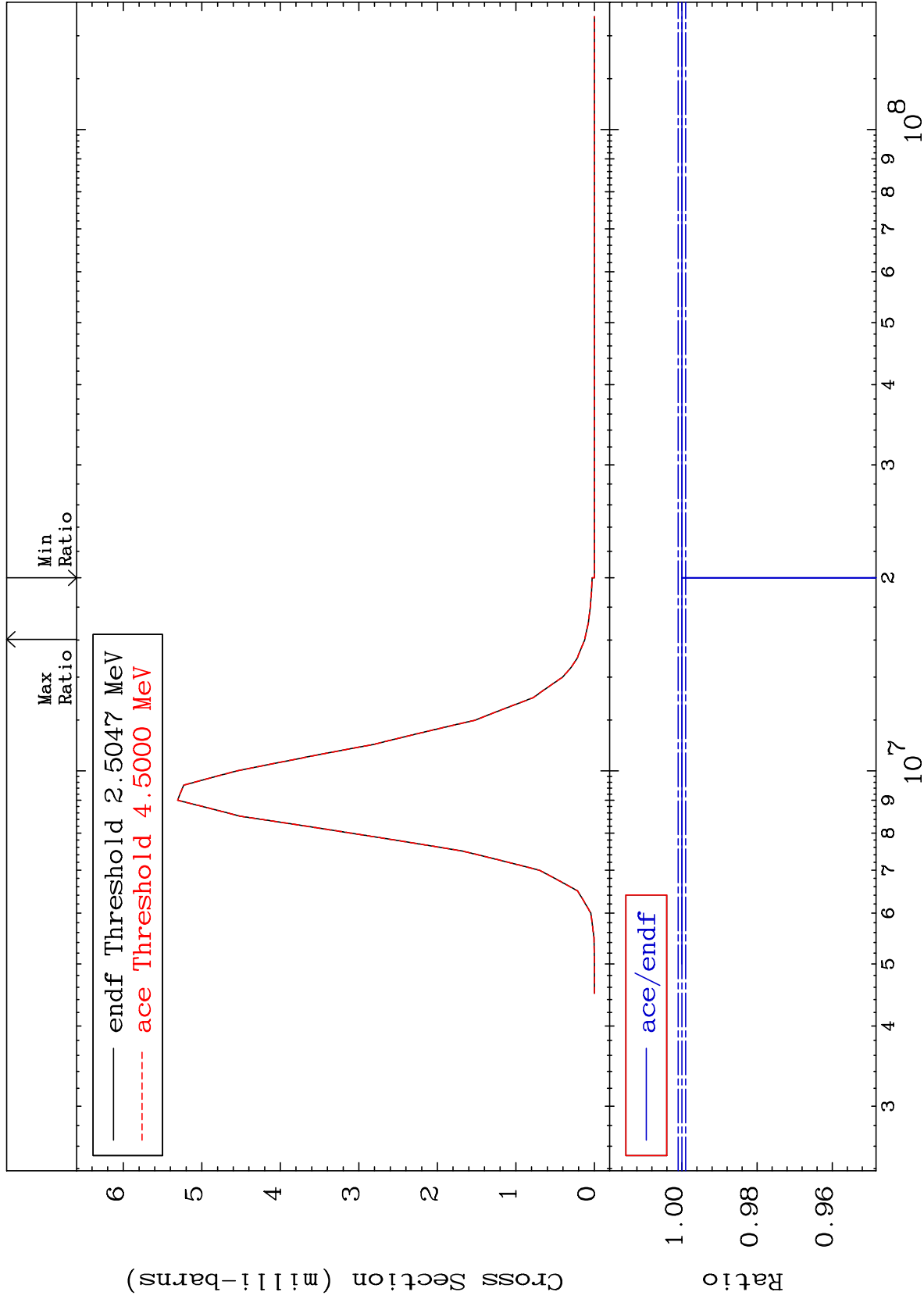
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.191 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



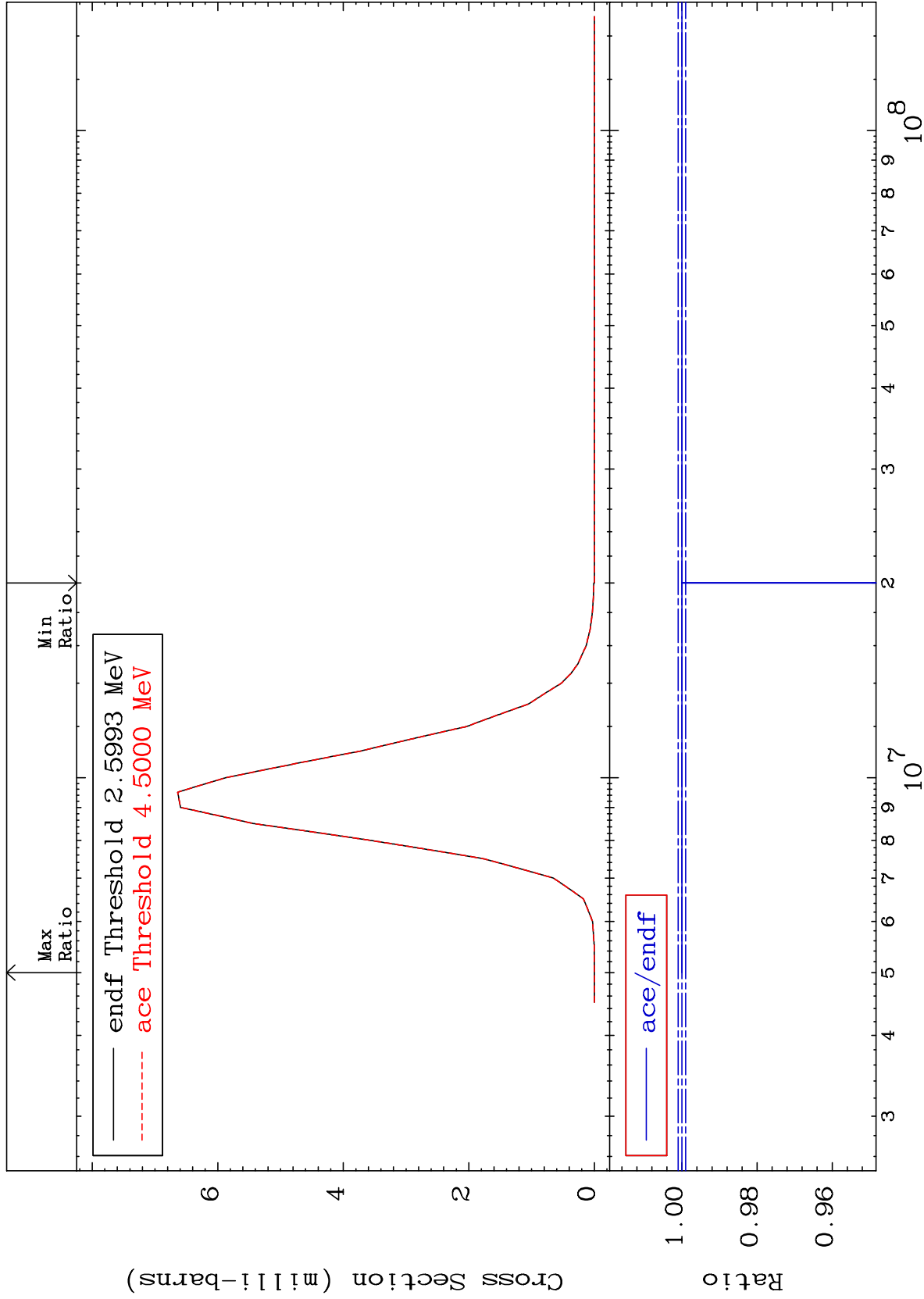
90

20-Ca-40

MAT 2025

4.283 MeV (n, α') Level
Cross Section

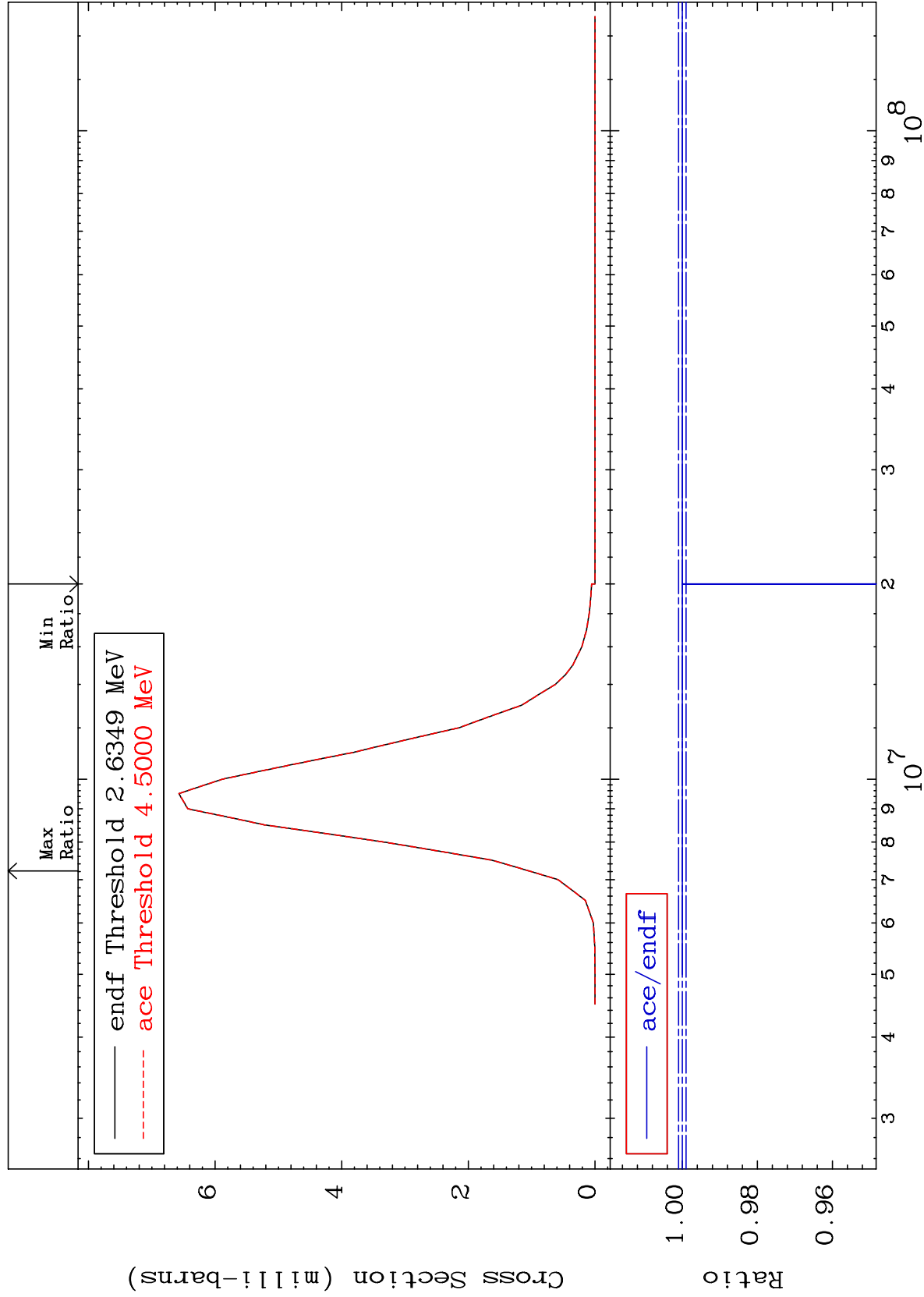
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.318 MeV (n, α') Level
Cross Section

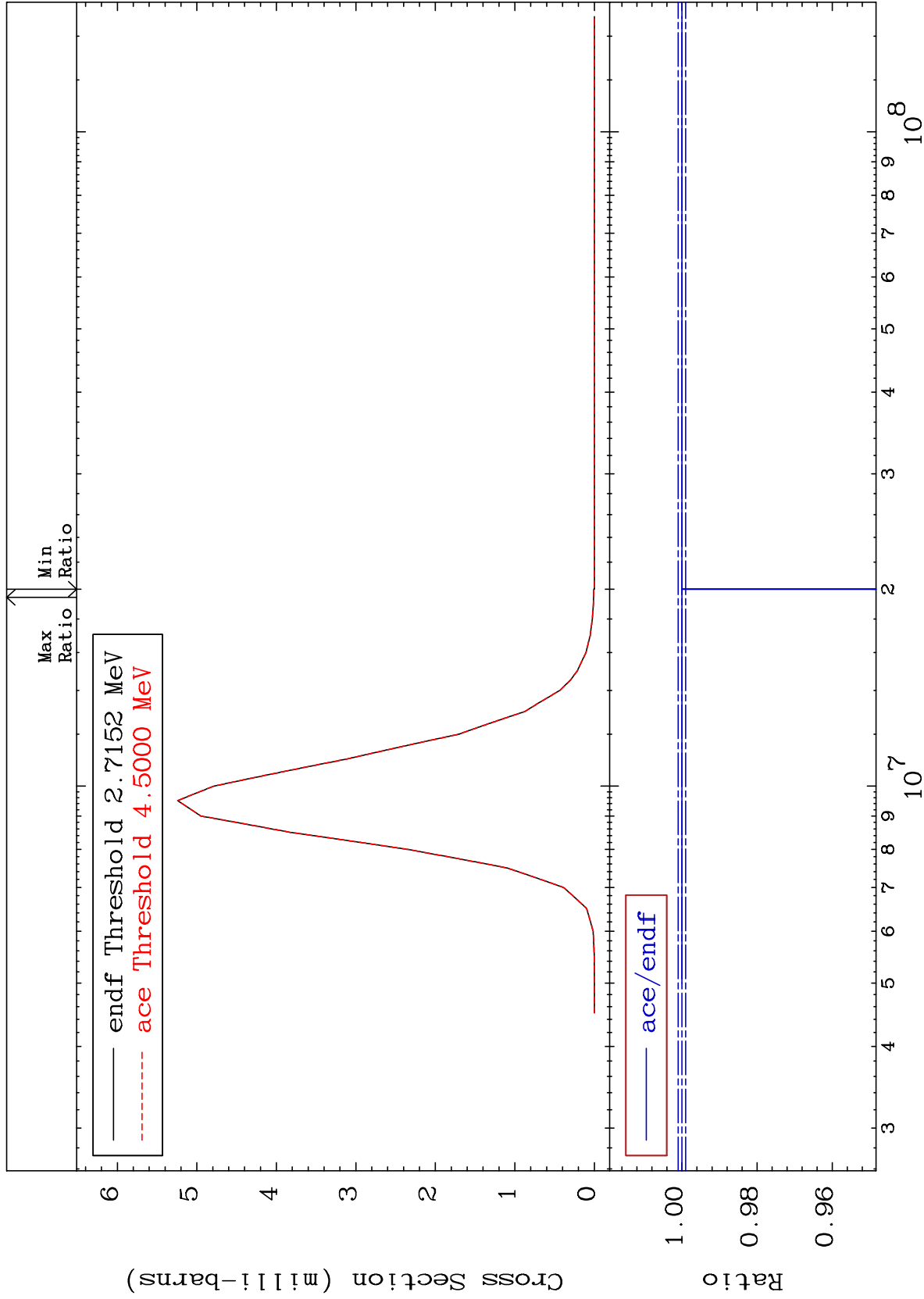
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.396 MeV (n, α') Level
Cross Section

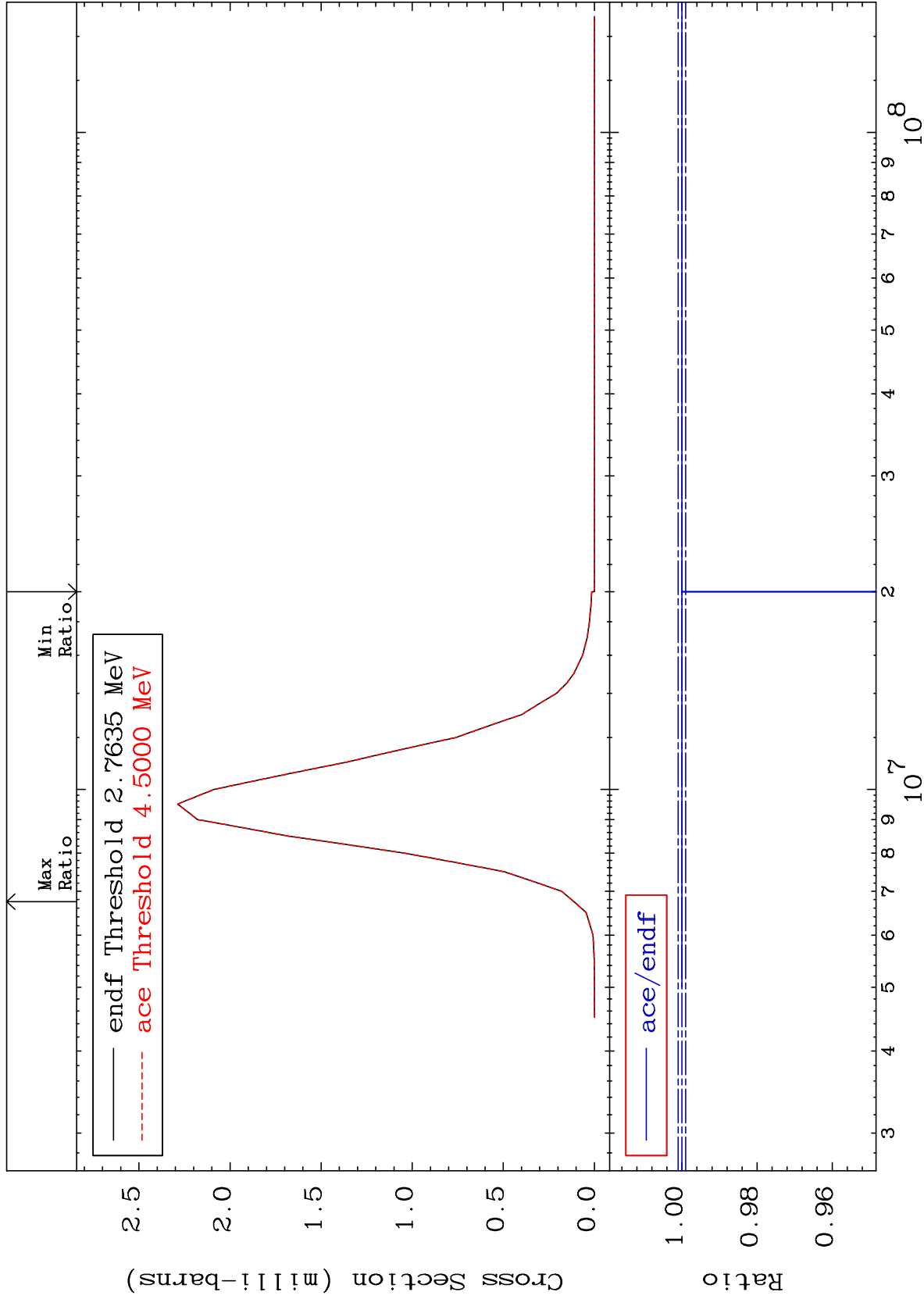
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.444 MeV (n, α') Level
Cross Section

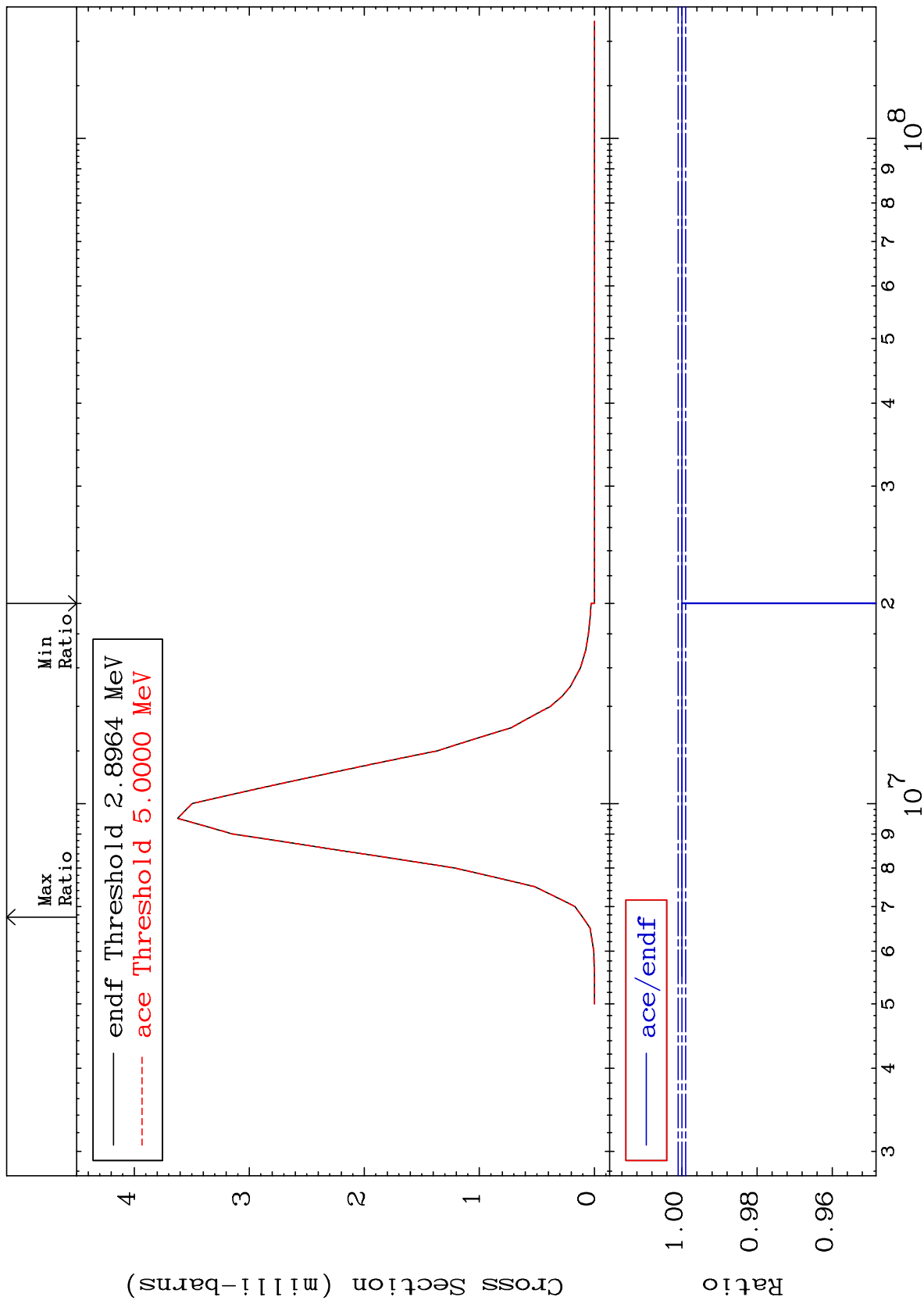
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.573 MeV (n,α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

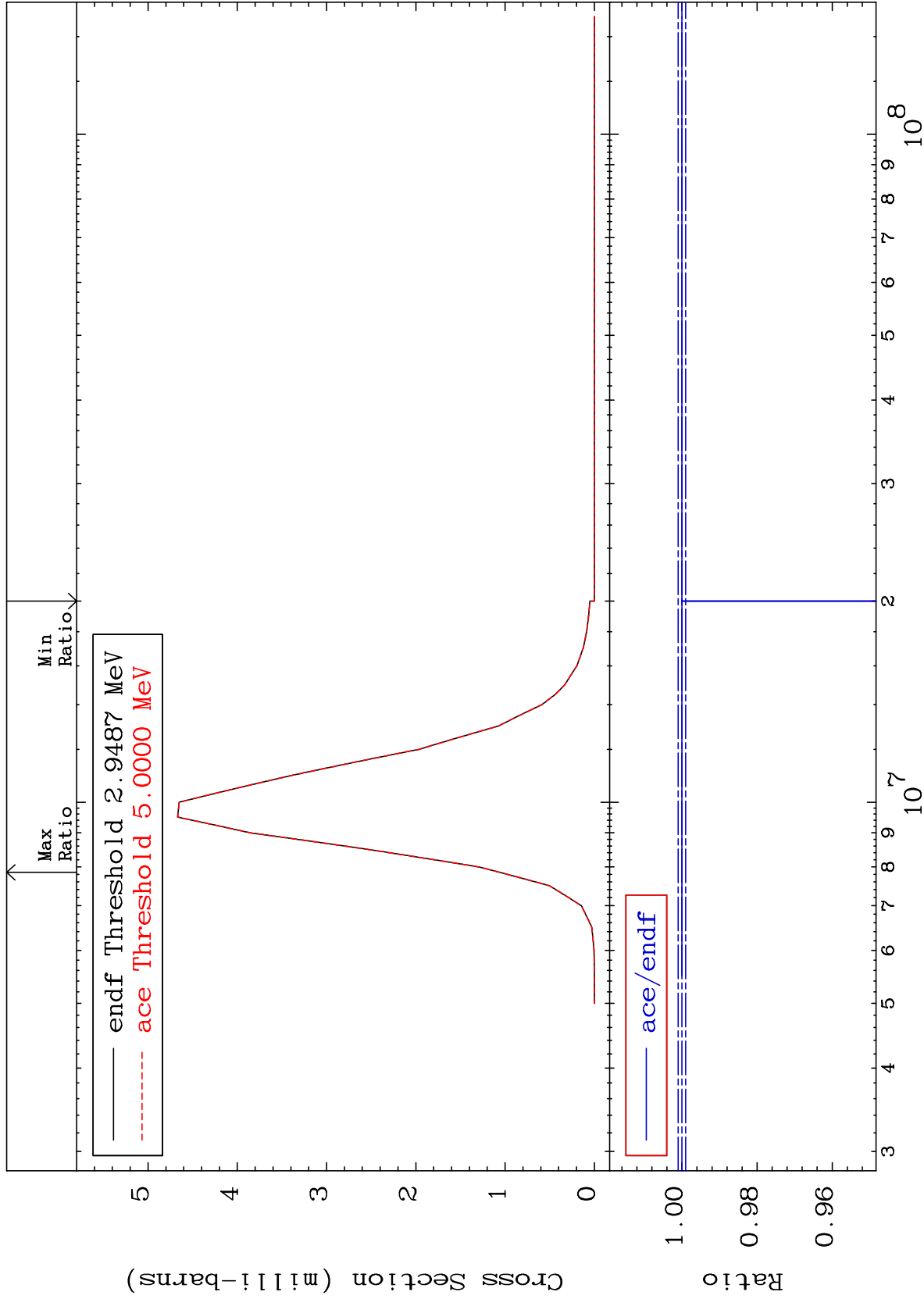


95

MAT 2025

4.624 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

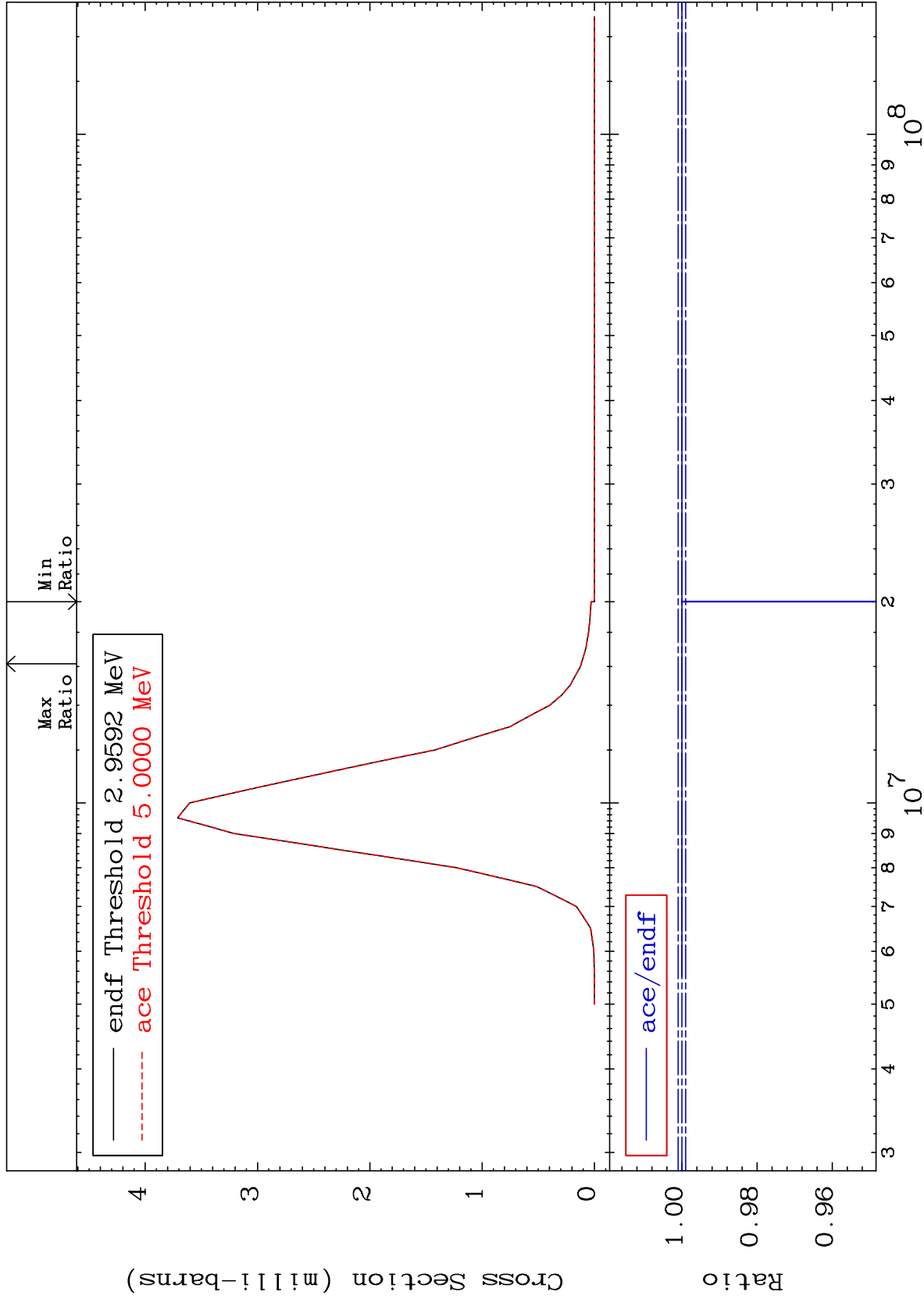


96

MAT 2025

4.634 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

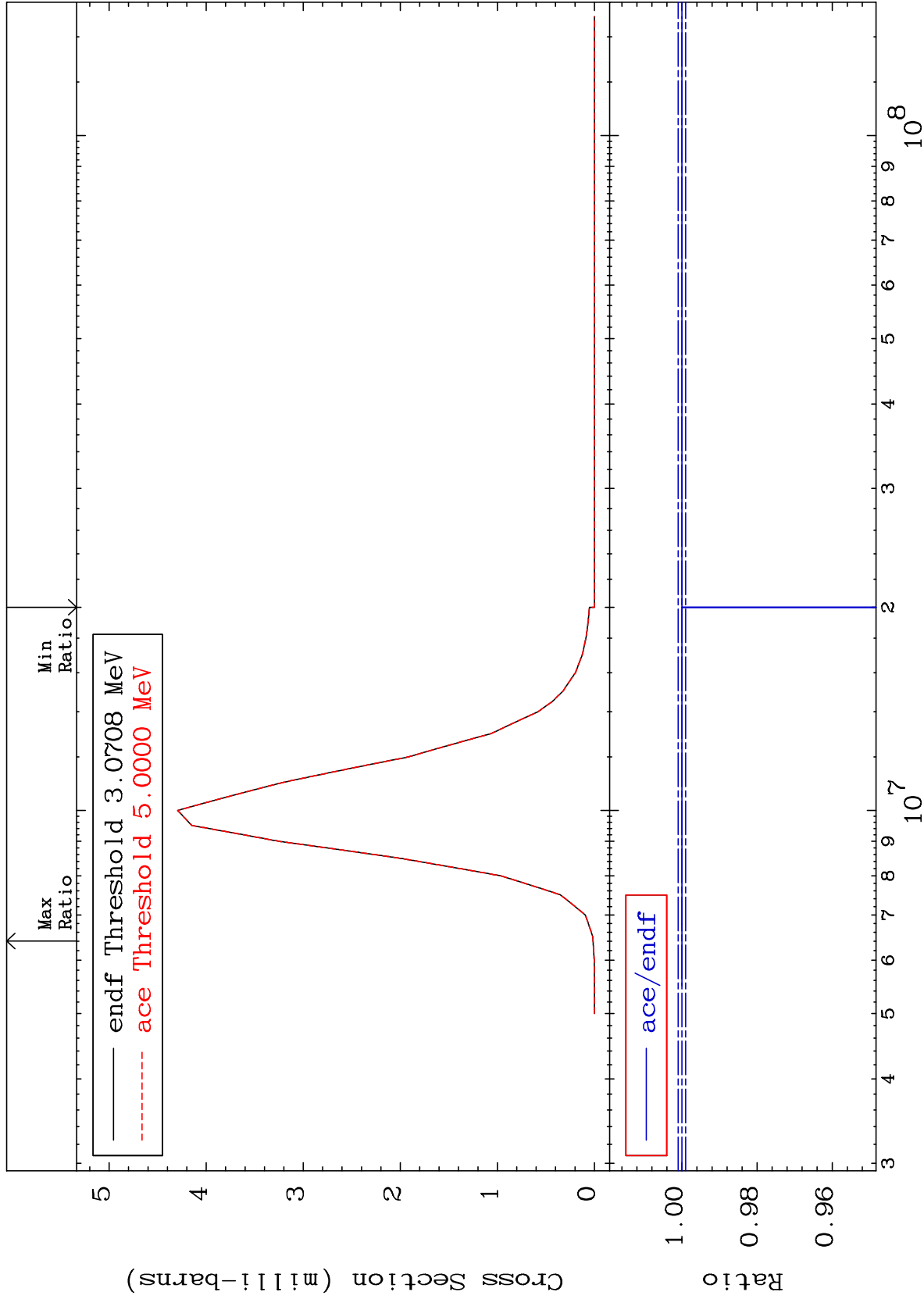


97

MAT 2025

4.743 MeV (n, α') Level
Cross Section

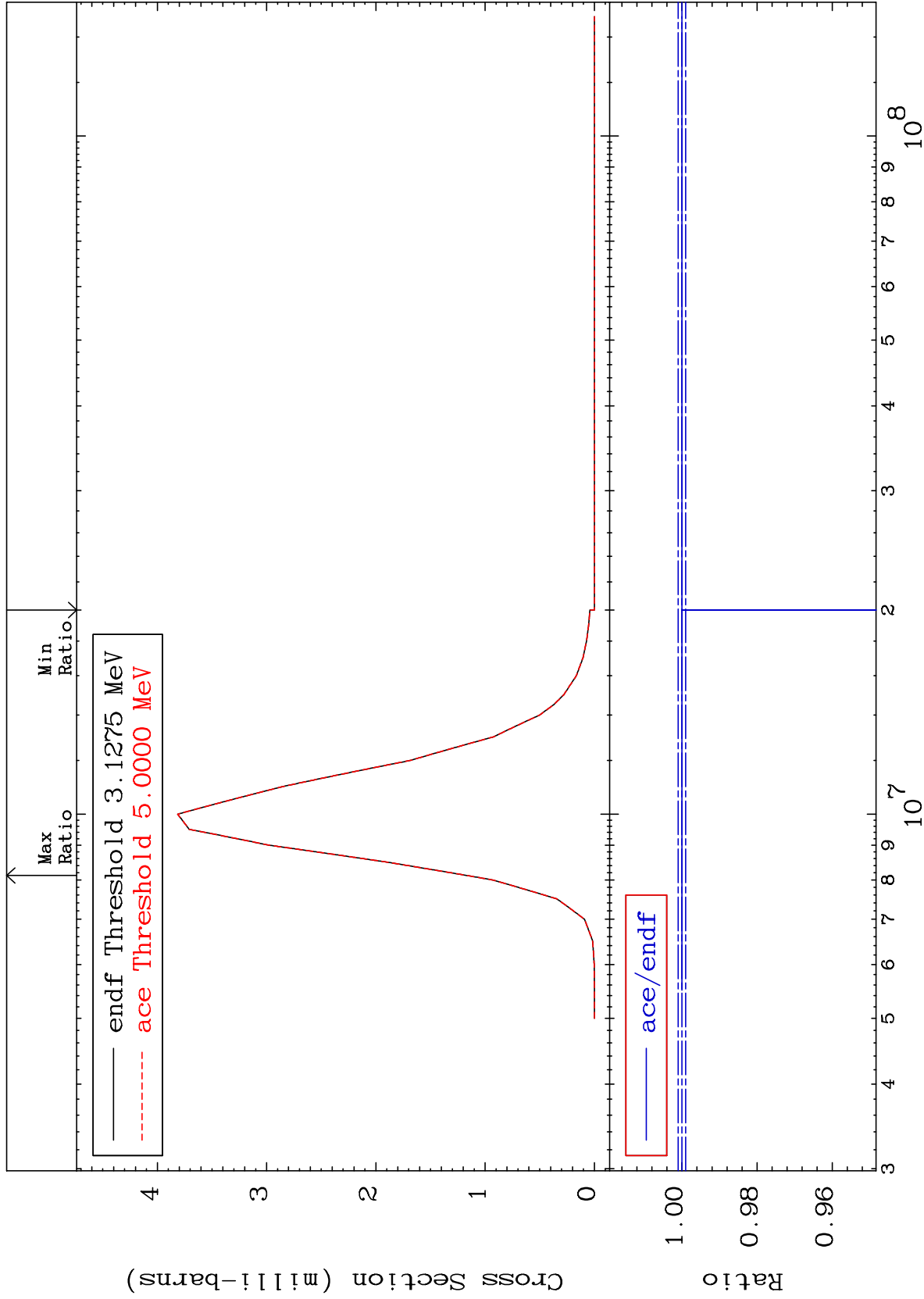
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.799 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

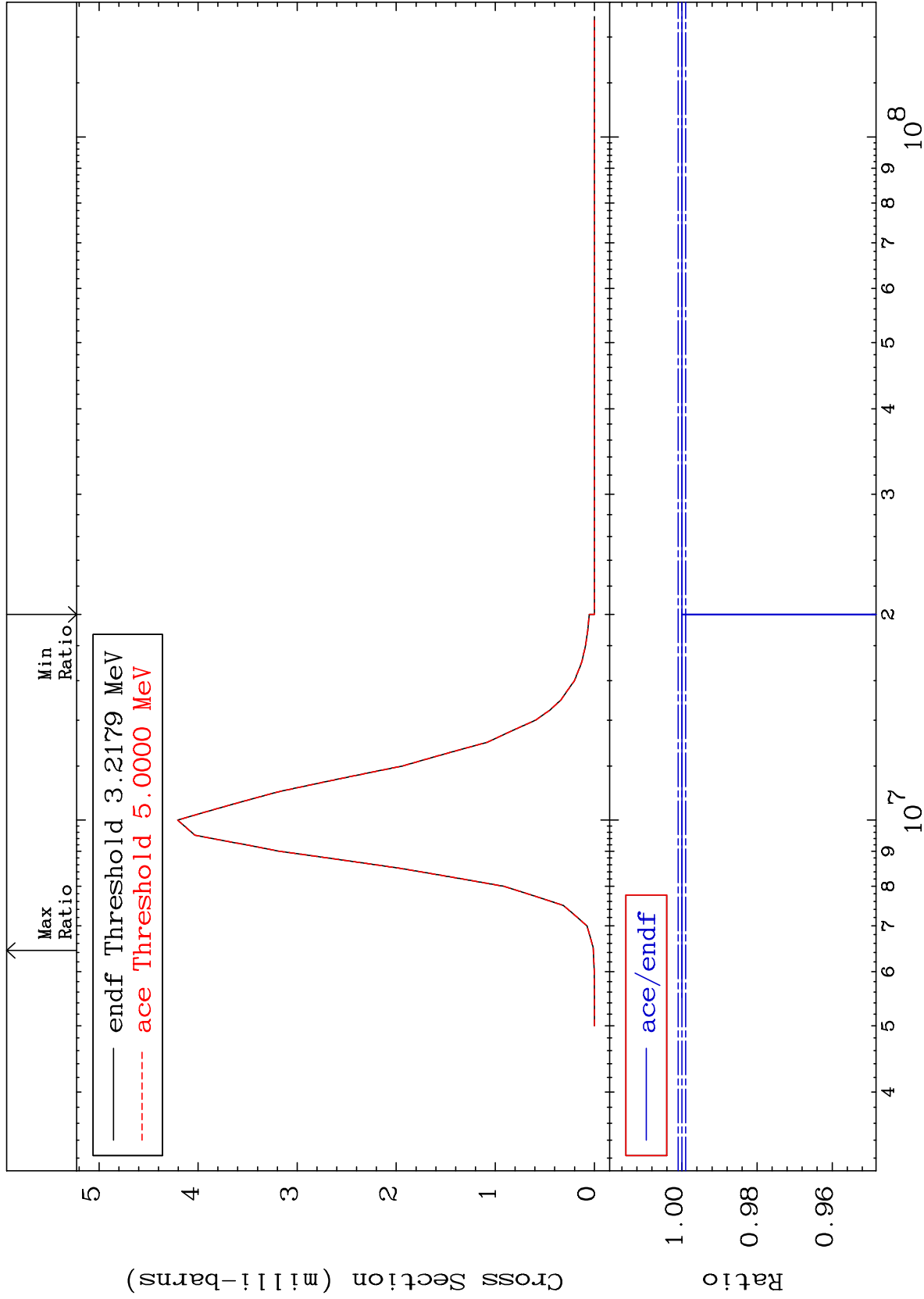


99

MAT 2025

4.887 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



100

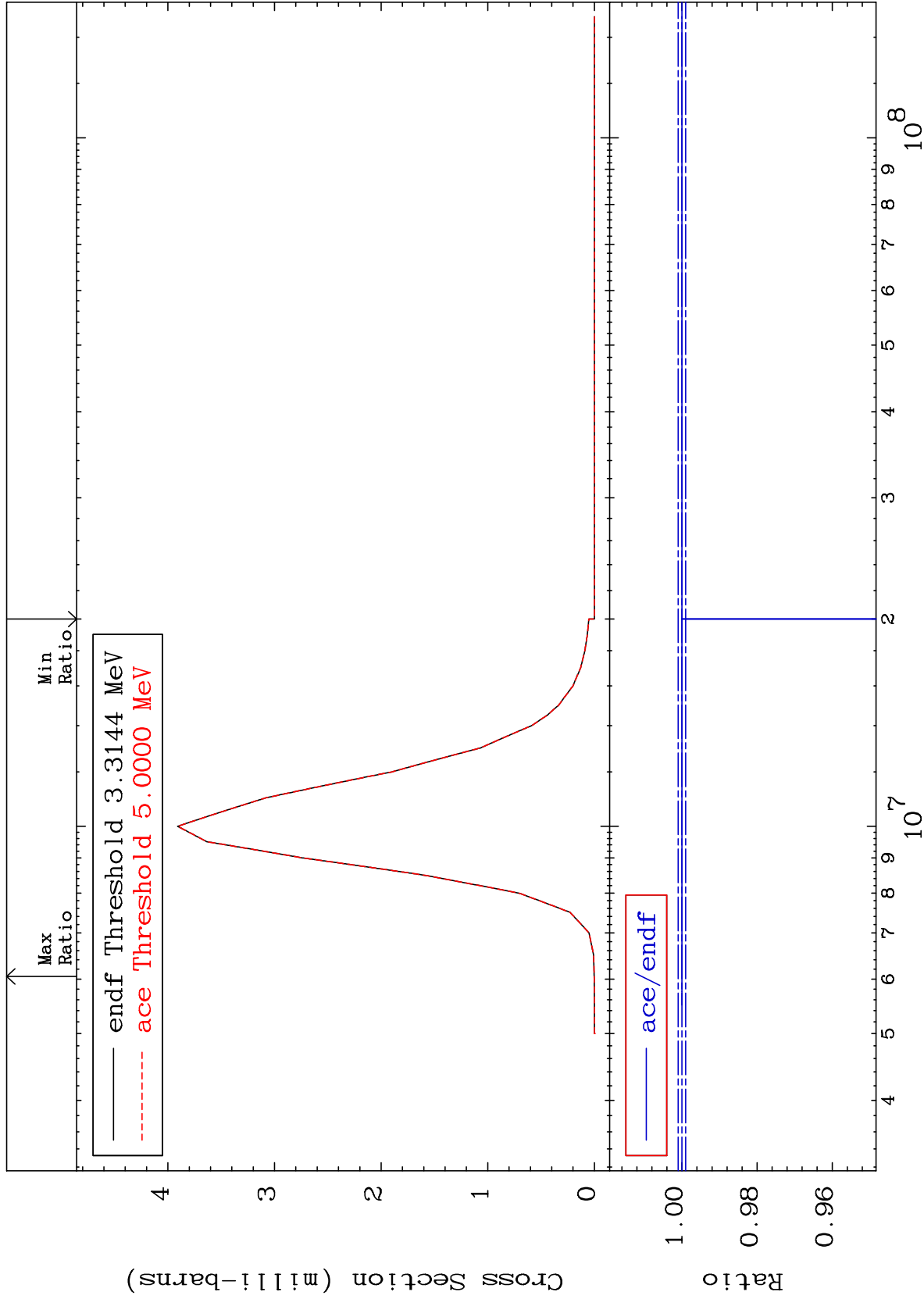
Incident Energy (eV)

20-Ca-40

MAT 2025

4.981 MeV (n, α') Level
Cross Section

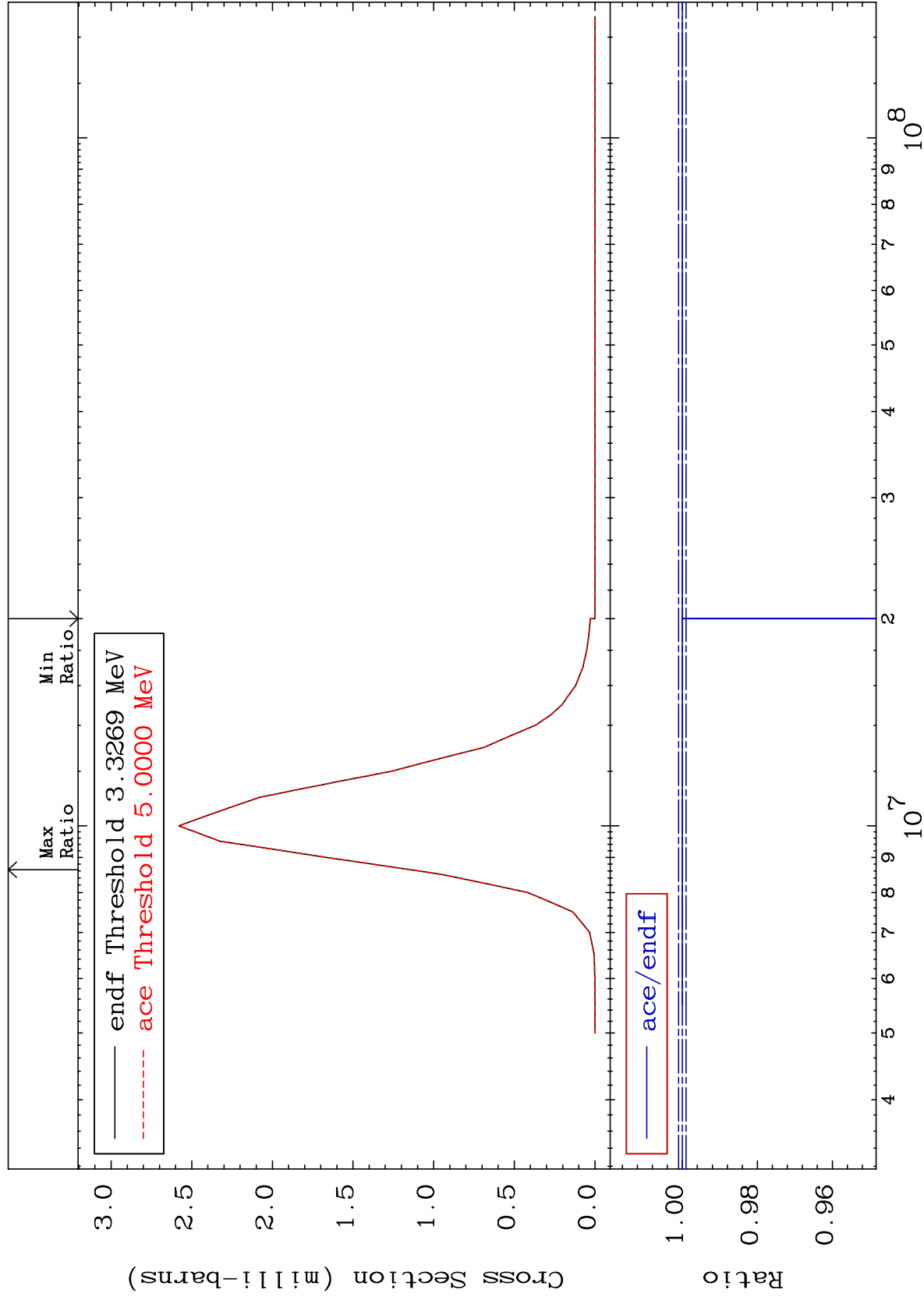
20-Ca-40
-100.0 To 0.000 %



MAT 2025

4.993 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

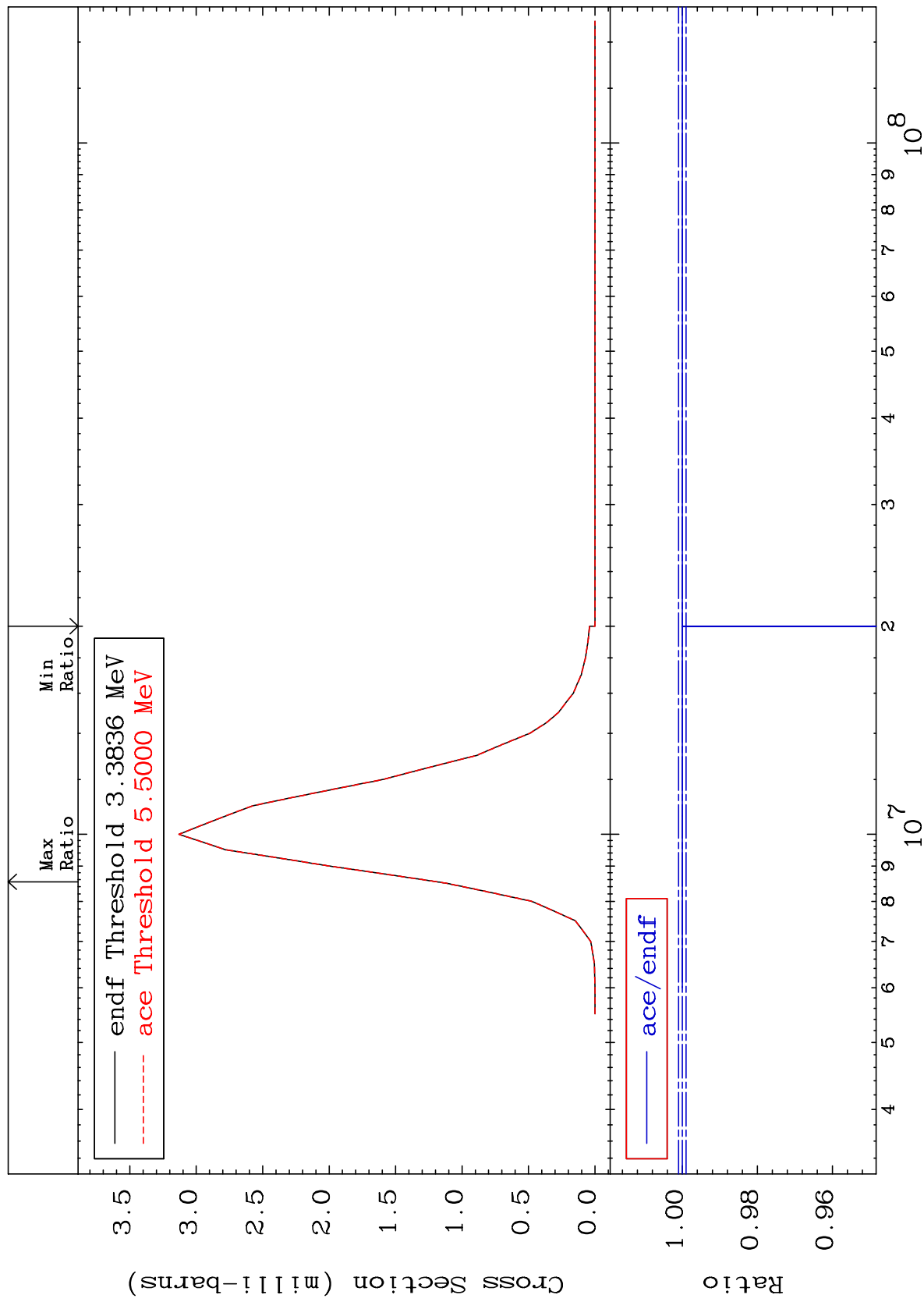


102

MAT 2025

5.048 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

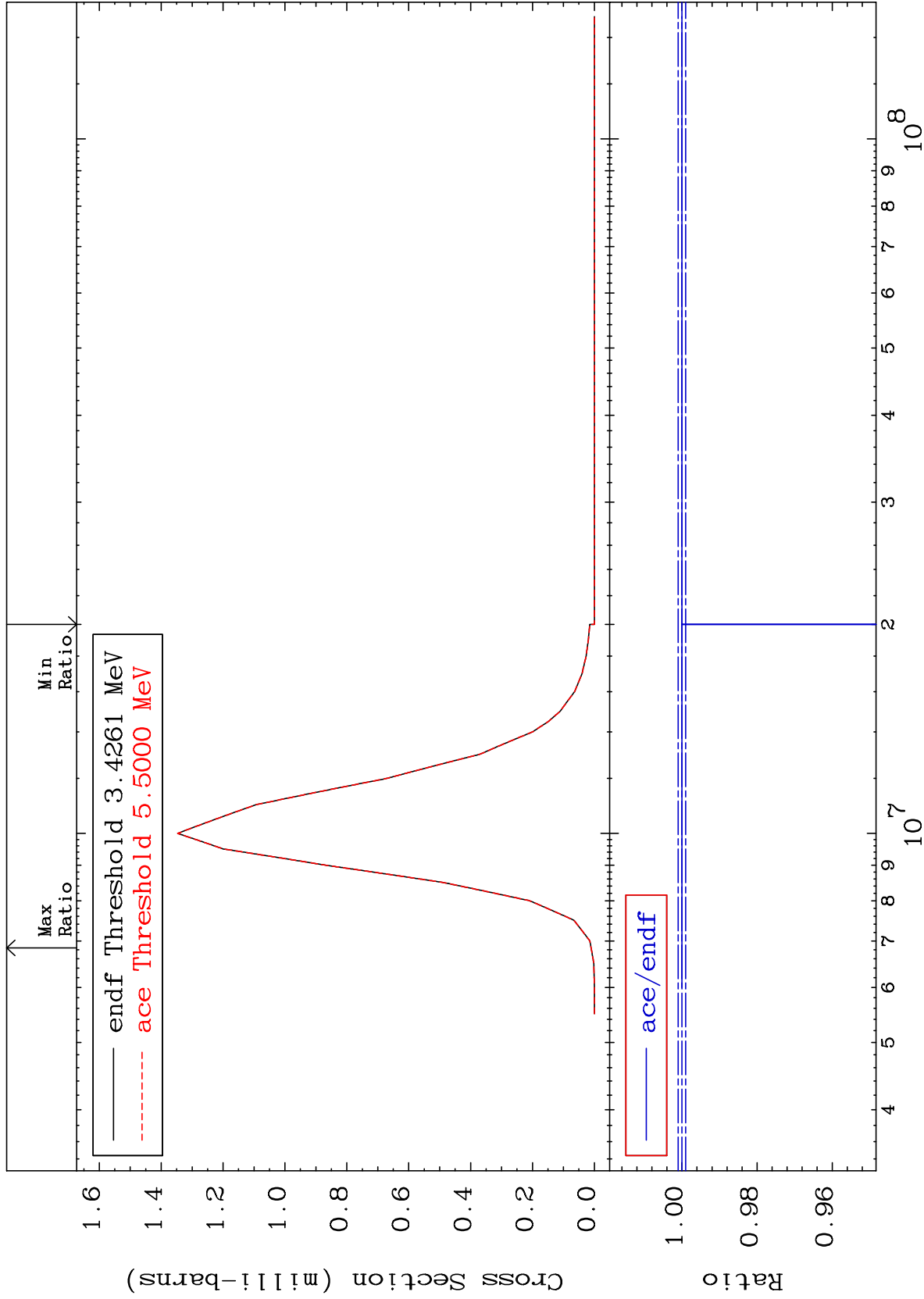


103

Incident Energy (eV)

20-Ca-40

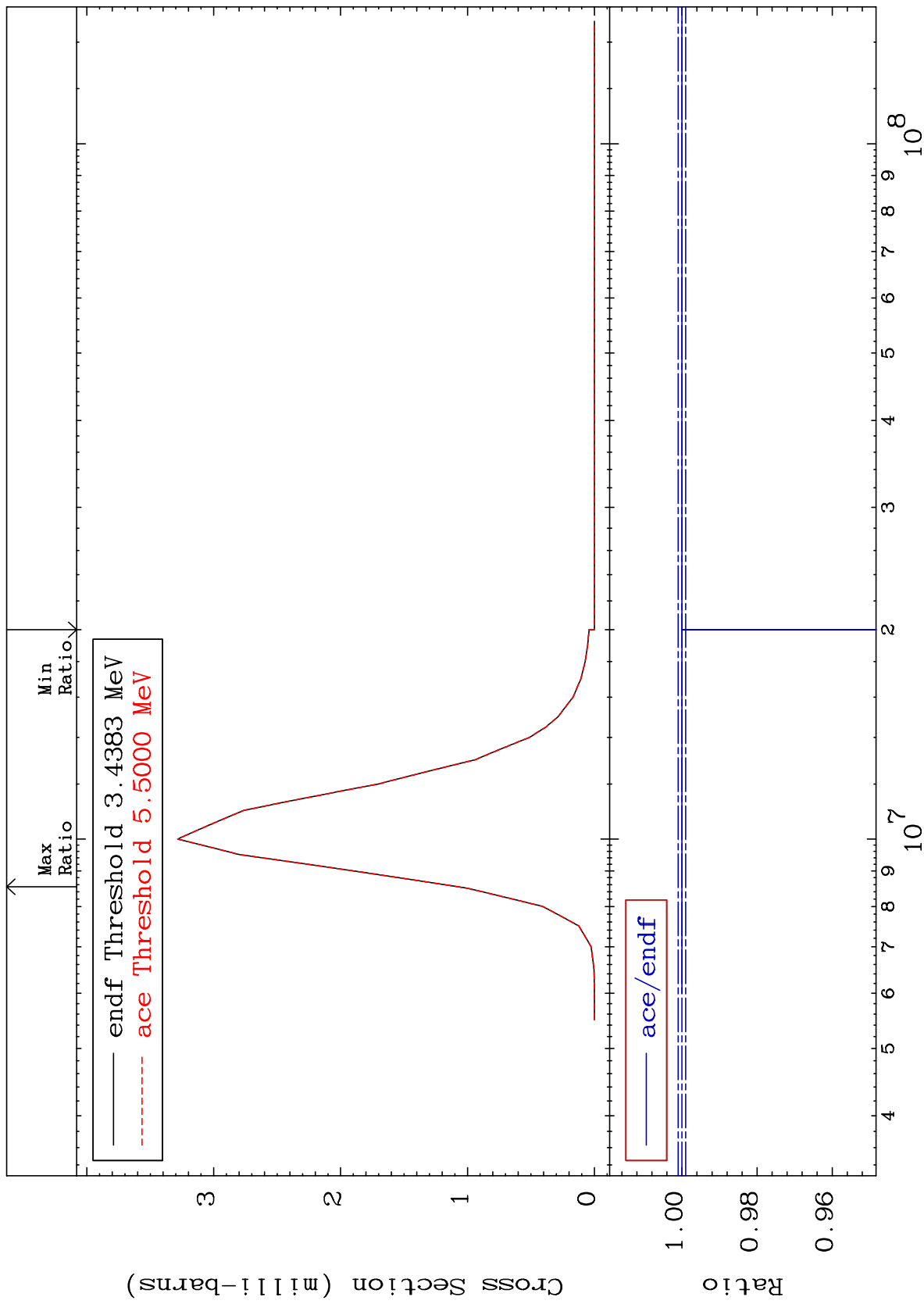
MAT 2025 5.090 MeV (n,α') Level 20-Ca-40
 Cross Section -100.0 To 0.000 %



MAT 2025

5.102 MeV (n, α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %

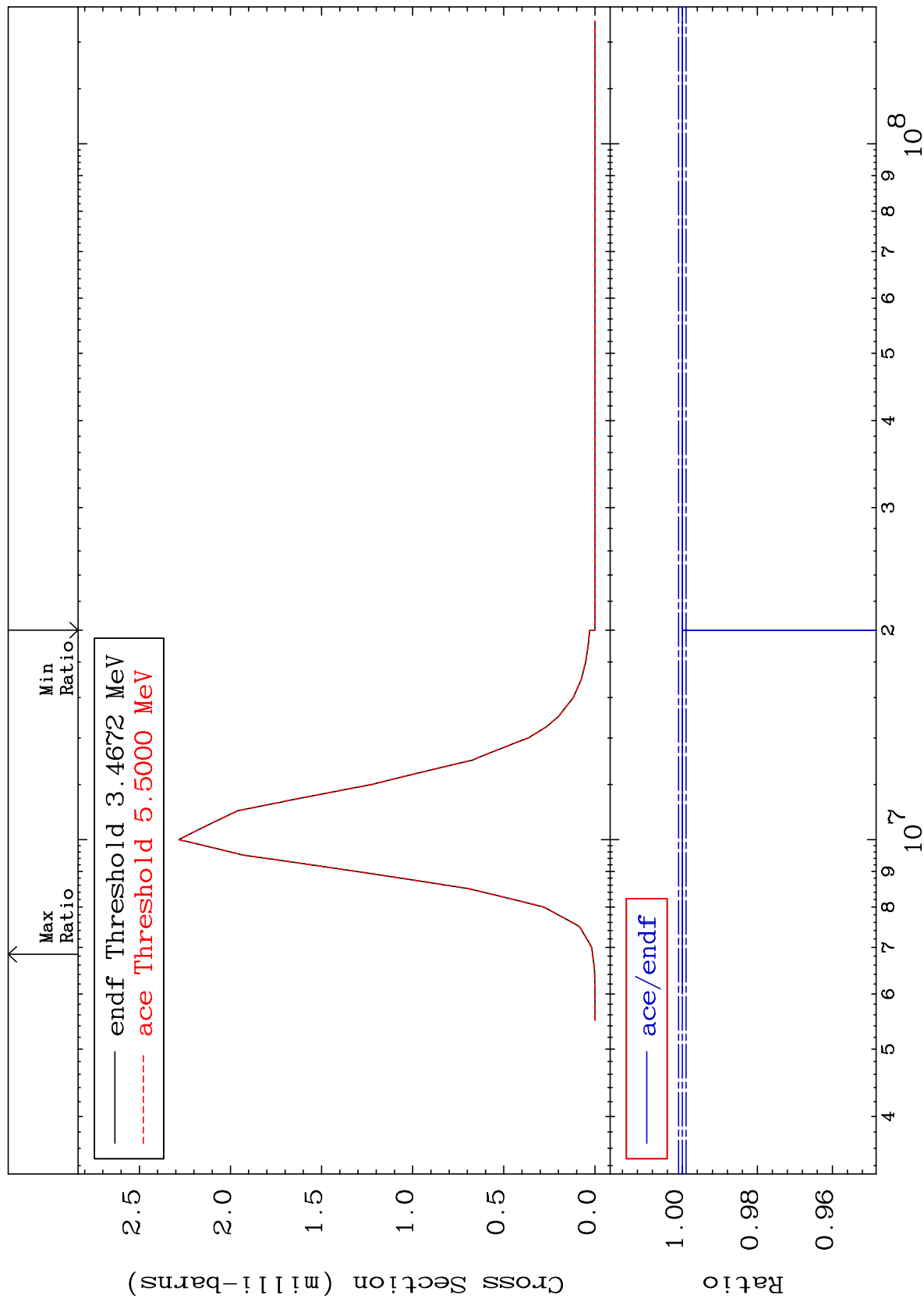


105

MAT 2025

5.130 MeV (n,α') Level
Cross Section

20-Ca-40
-100.0 To 0.000 %



106

Incident Energy (eV)

20-Ca-40

MAT 2025 5.213 MeV (n,α') Level 20-Ca-40
Cross Section -100.0 To 0.000 %

