

Program Complot  
(Version 2015-2)

by

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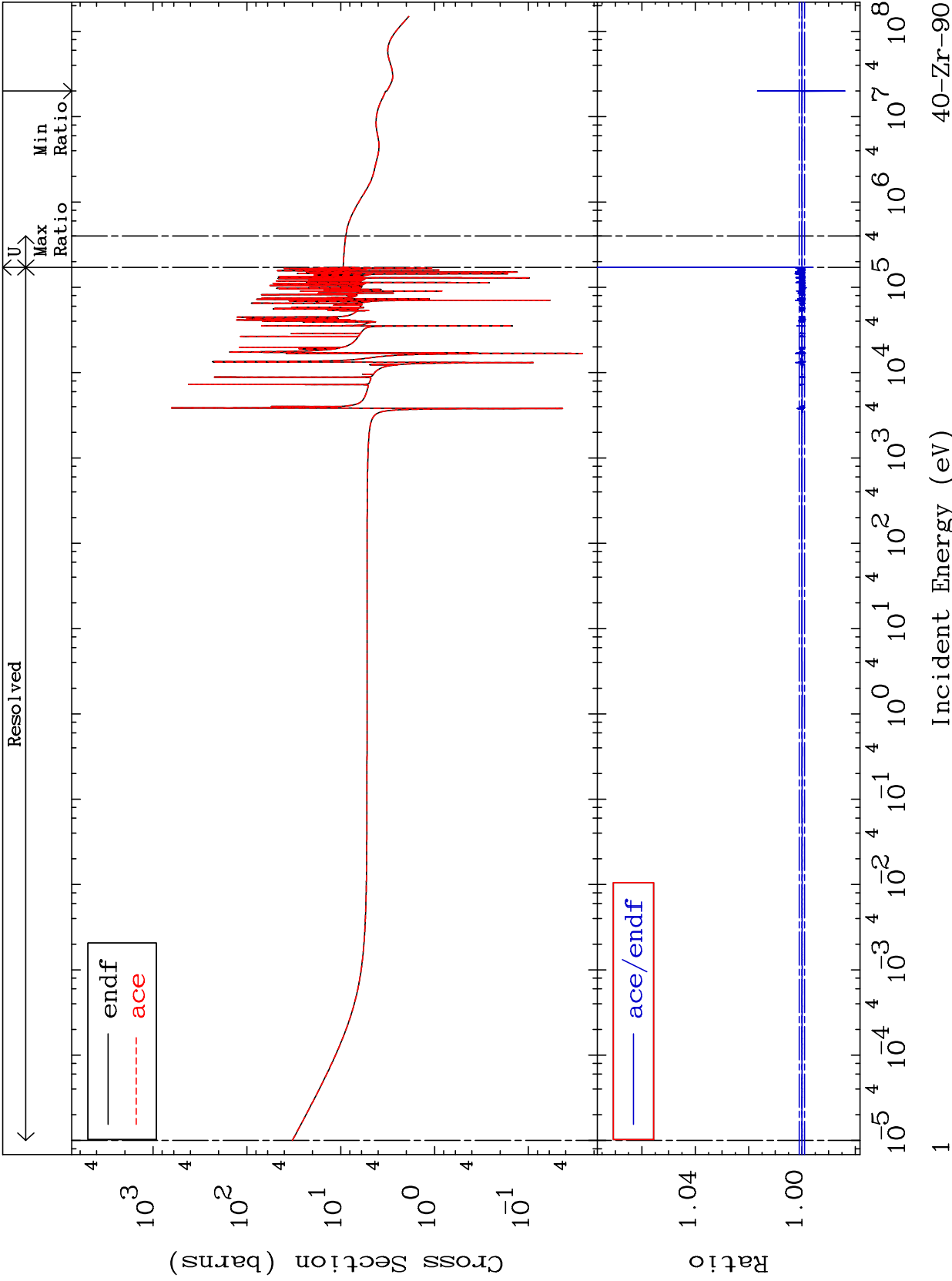
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 4025

Total  
Cross Section

40-Zr-90  
-1.616 To 32.38 %

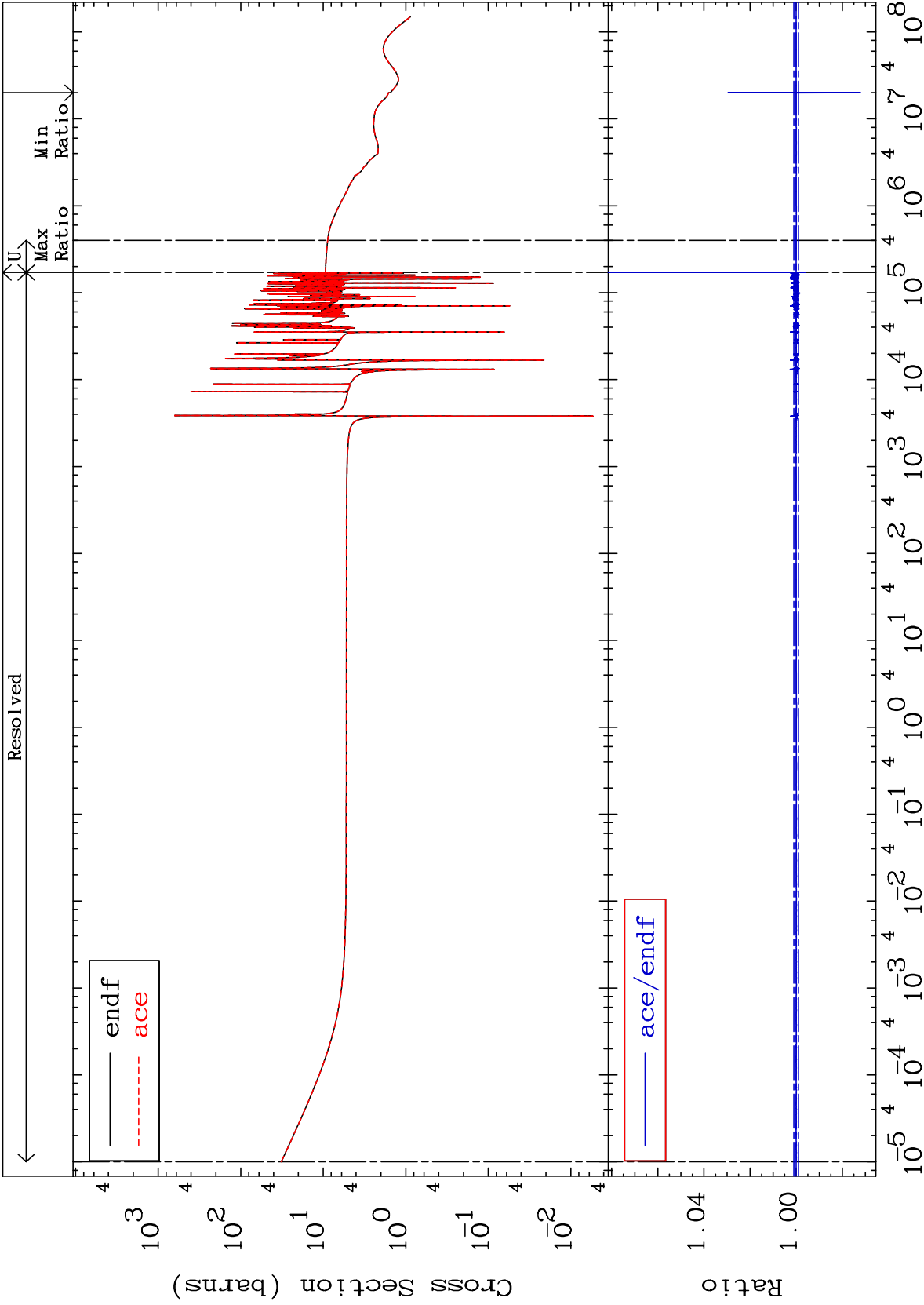


40-Zr-90

MAT 4025

### Elastic Cross Section

40-Zr-90  
-2.790 To 32.32 %



2

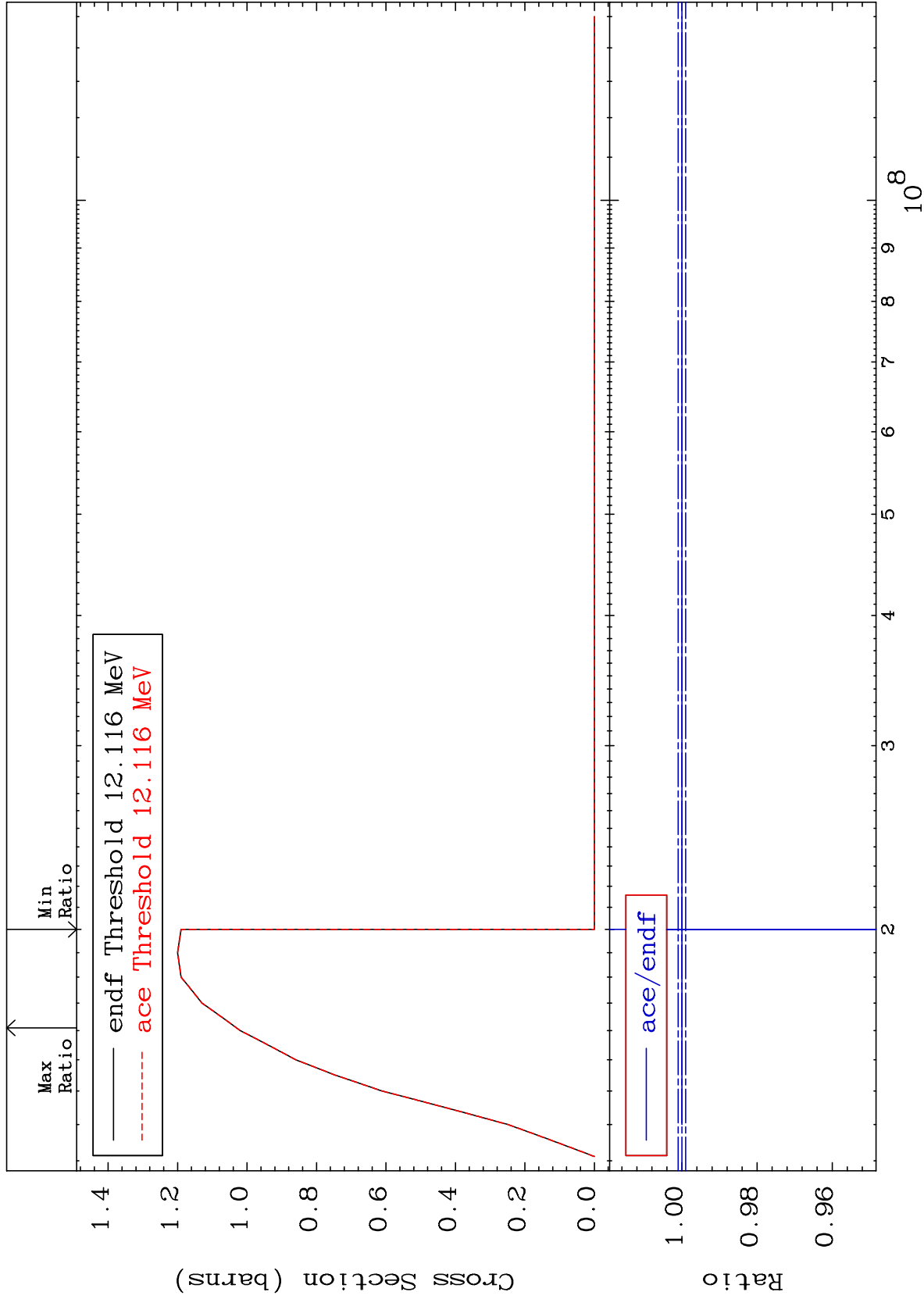
Incident Energy (eV)

40-Zr-90

MAT 4025

(n,2n)  
Cross Section

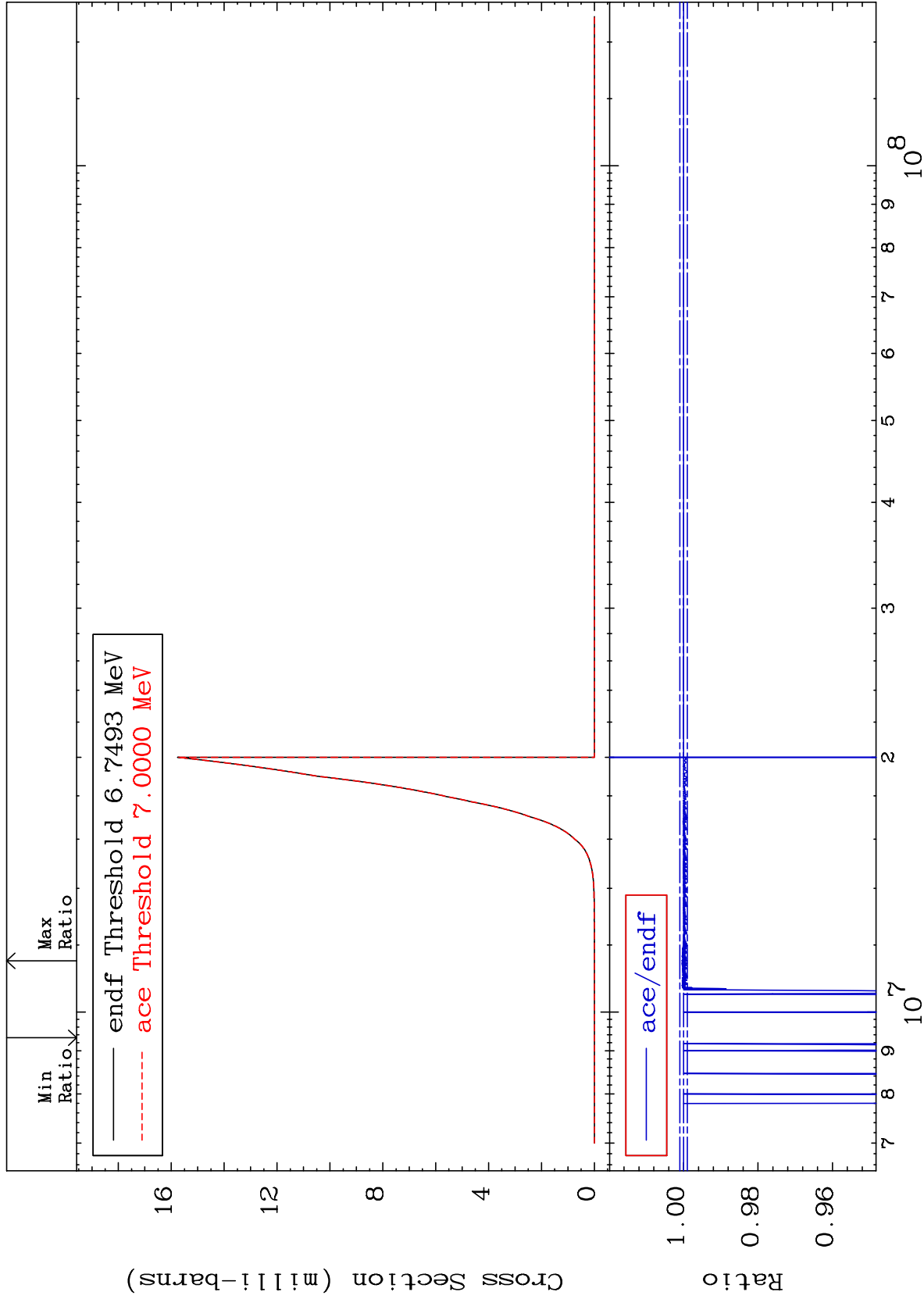
40-Zr-90  
-50.00 To 0.000 %



MAT 4025

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

40-Zr-90  
-94.26 To 0.044 %



4

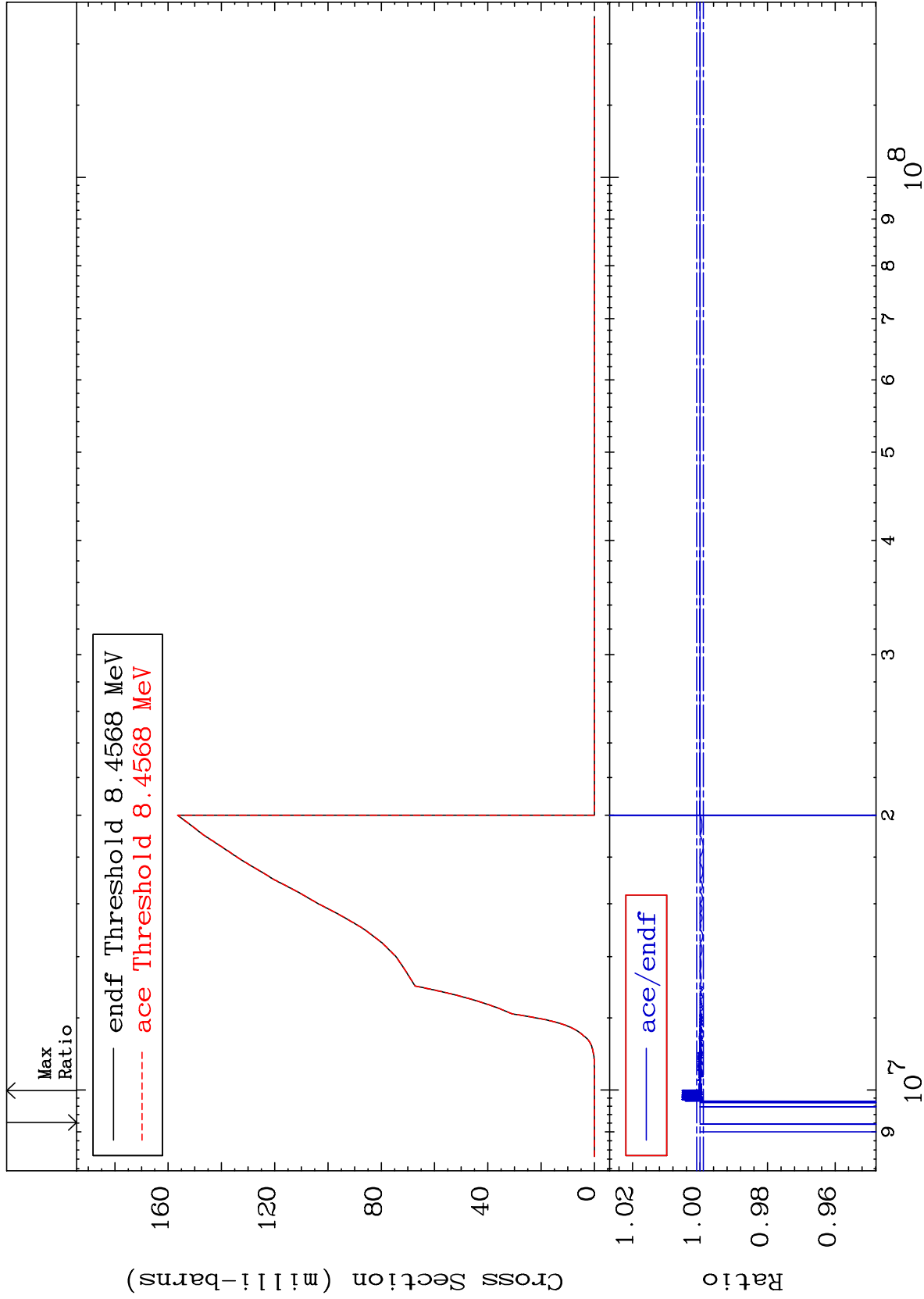
Incident Energy (eV)

40-Zr-90

MAT 4025

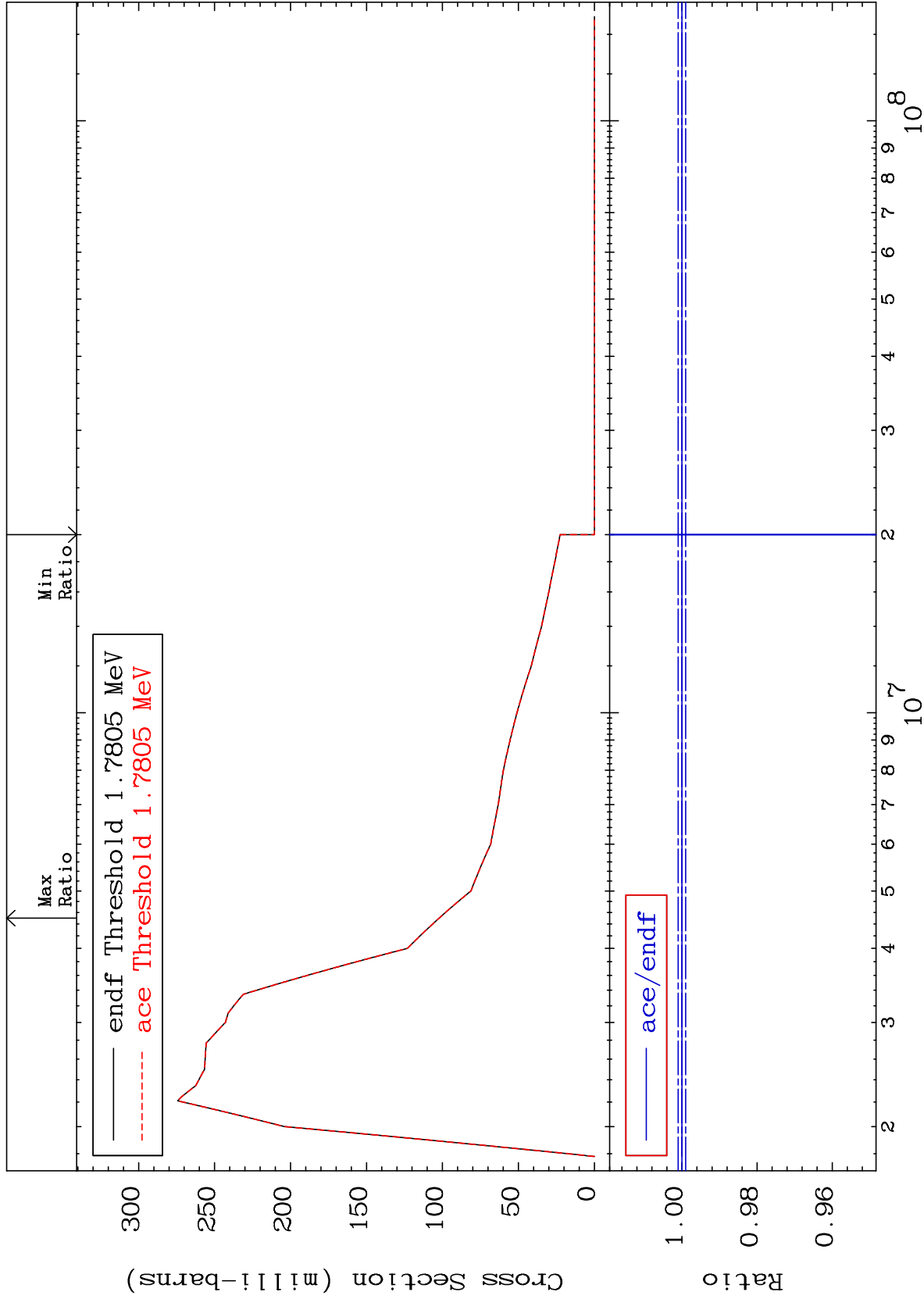
(n, n') p  
Cross Section

40-Zr-90  
-99.92 To 0.536 %



5

MAT 4025 1.761 MeV (n,n') Level Cross Section 40-Zr-90 -50.00 To 0.000 %

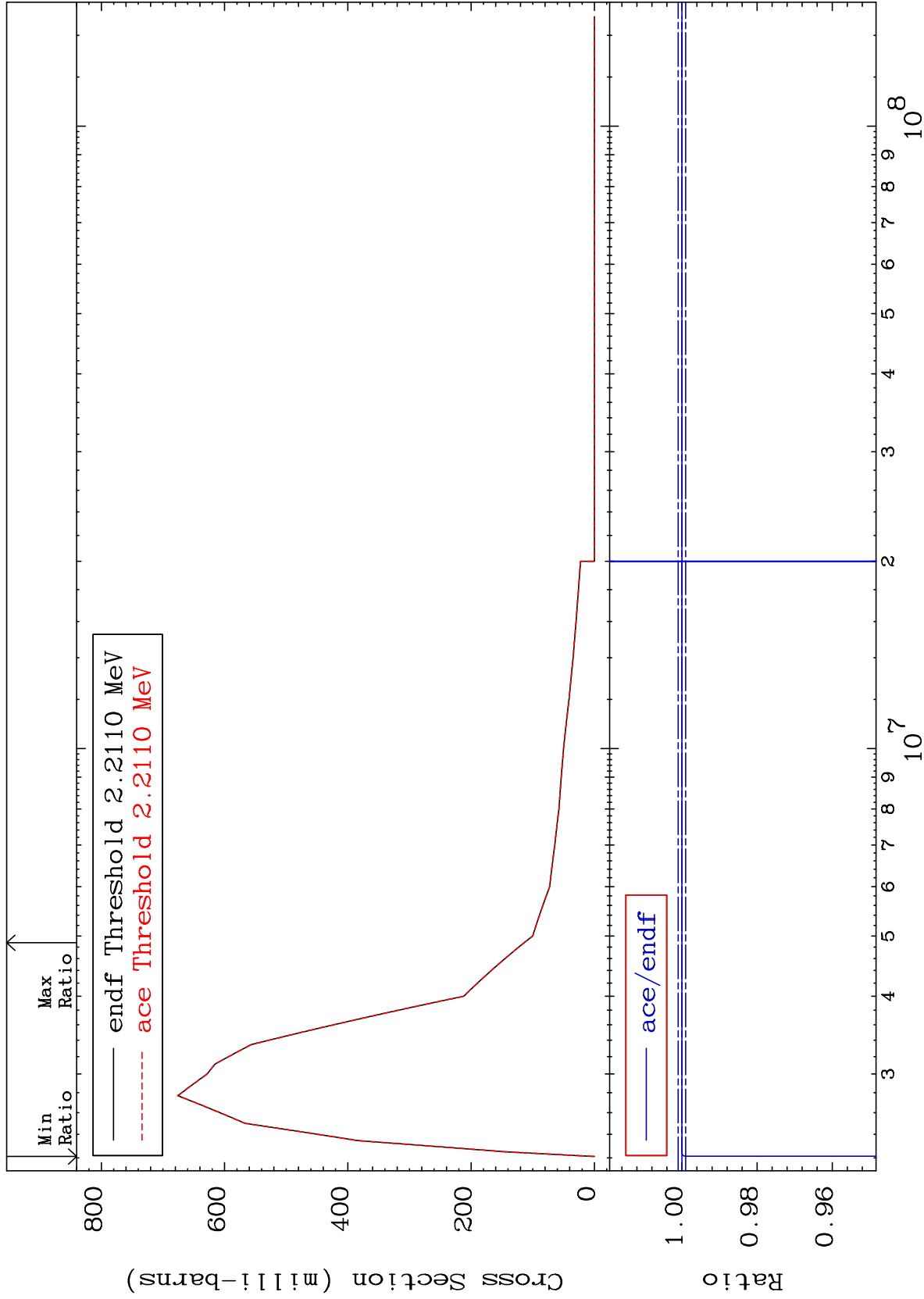


6 40-Zr-90

MAT 4025

2.187 MeV (n,n') Level  
Cross Section

40-Zr-90  
-81.47 To 0.000 %



7

Incident Energy (eV)

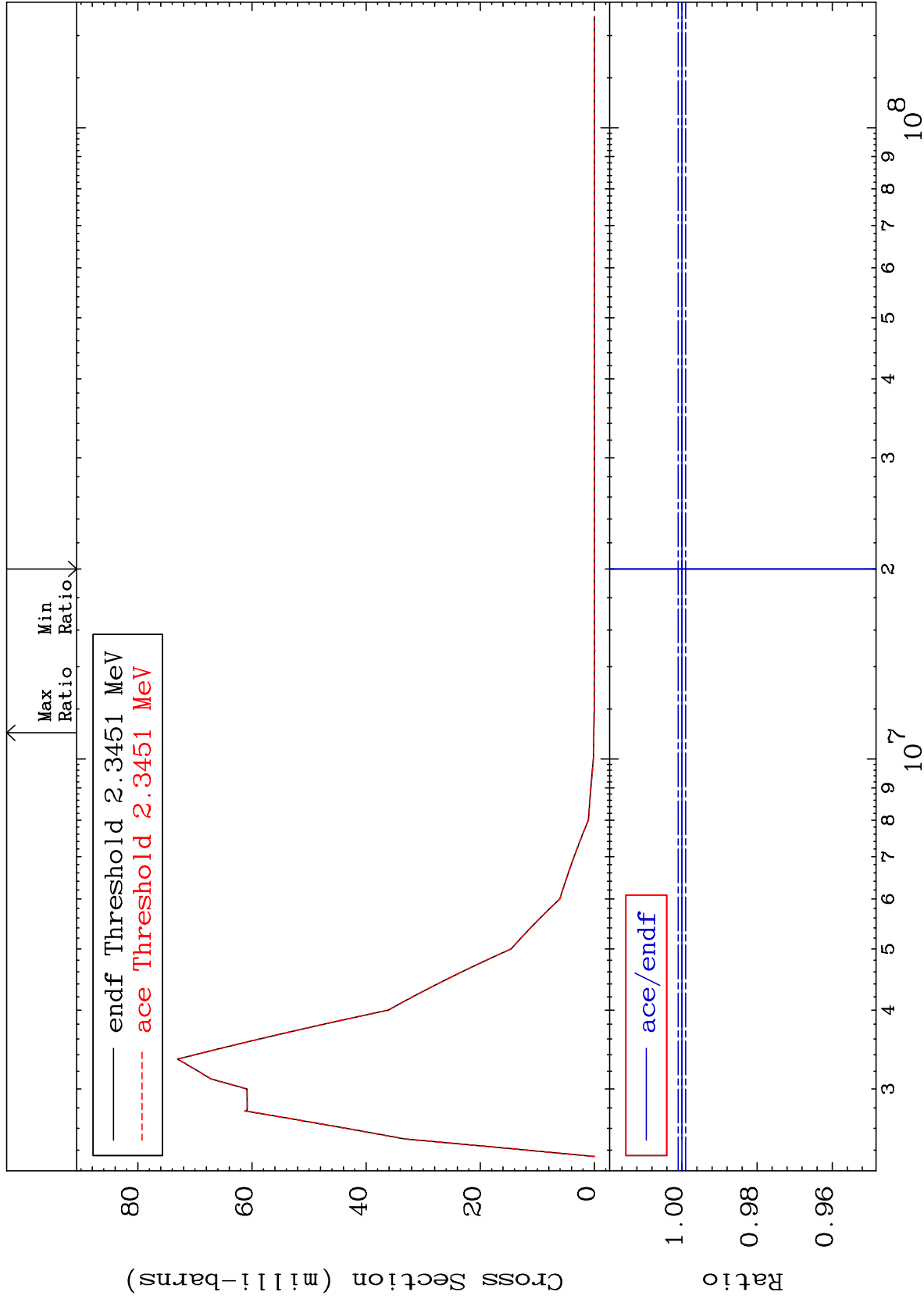
40-Zr-90



MAT 4025

2.319 MeV (n,n') Level  
Cross Section

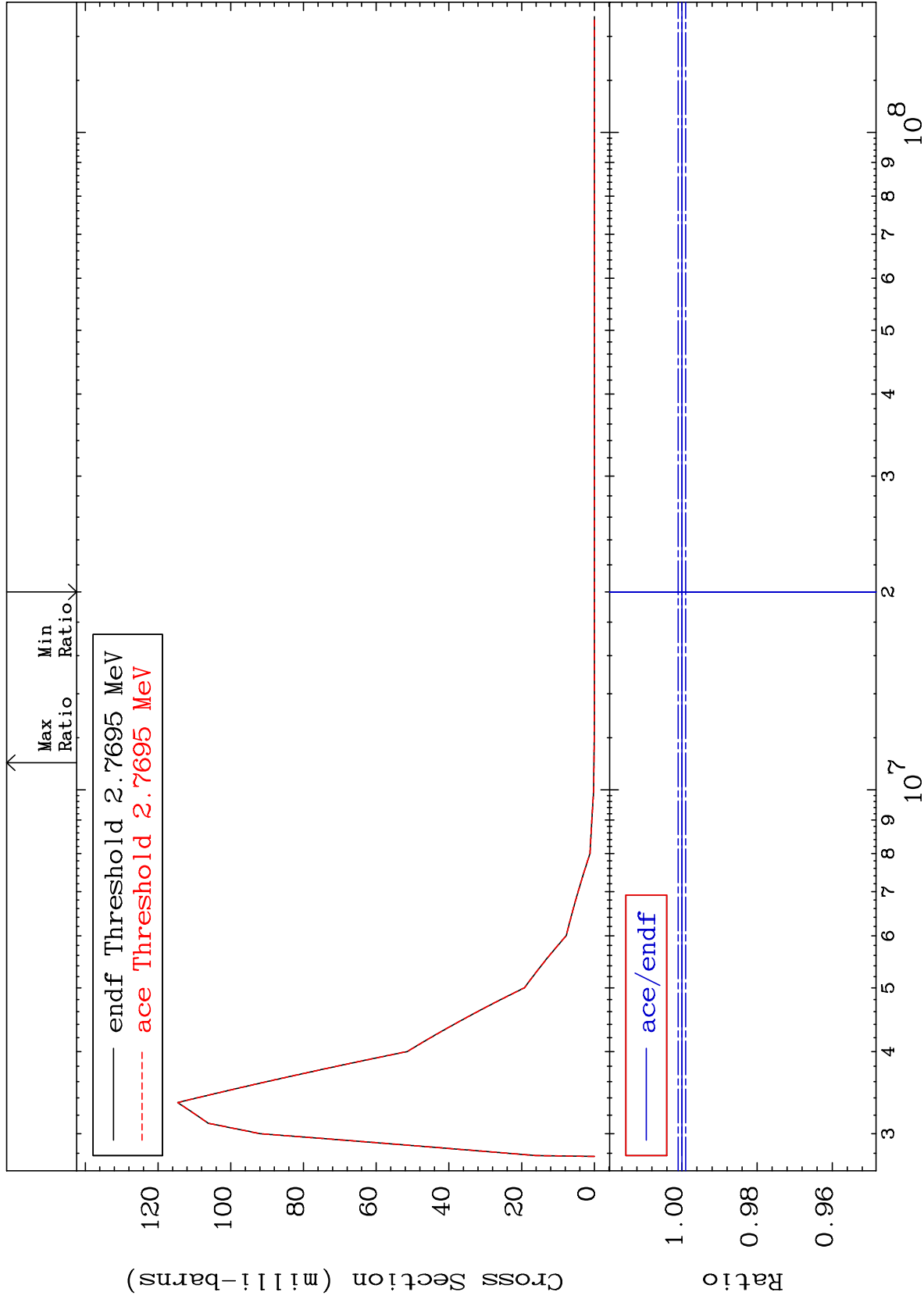
40-Zr-90  
-50.00 To 0.000 %



MAT 4025

2.739 MeV (n,n') Level  
Cross Section

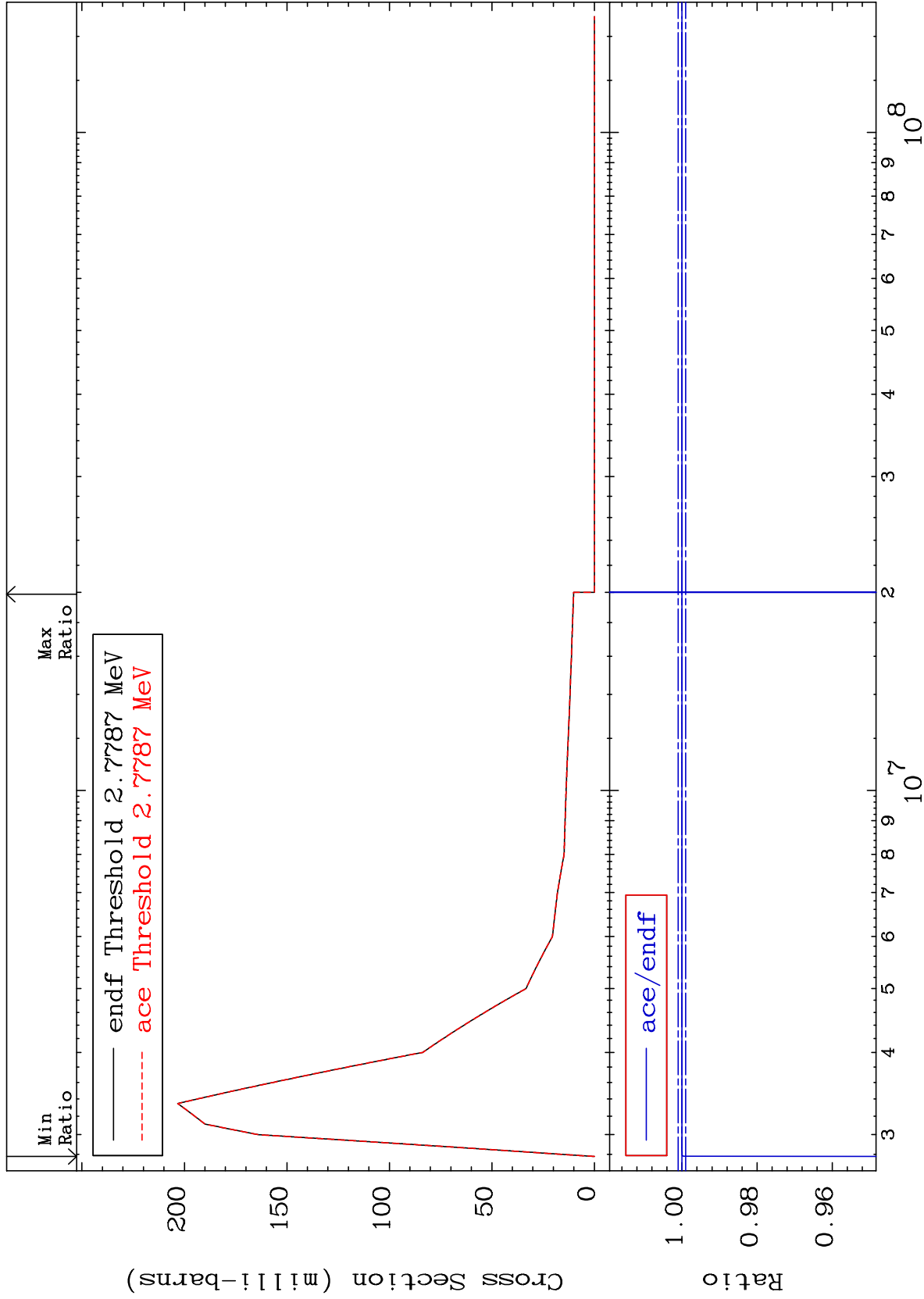
40-Zr-90  
-50.00 To 0.000 %



9

40-Zr-90

MAT 4025      2.748 MeV (n,n') Level      40-Zr-90  
Cross Section      -70.70 To 0.000 %

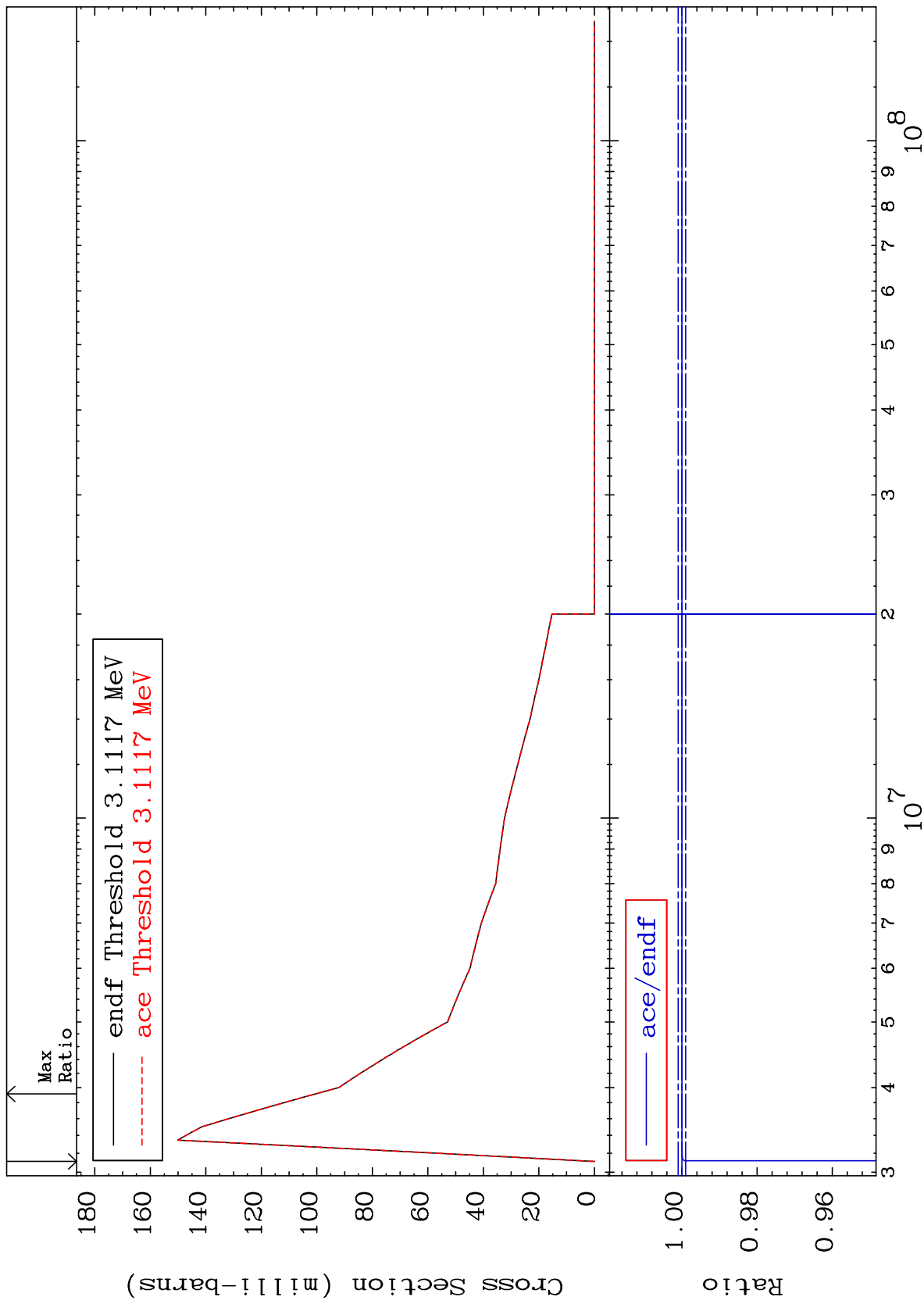


40-Zr-90

MAT 4025

3.077 MeV (n,n') Level  
Cross Section

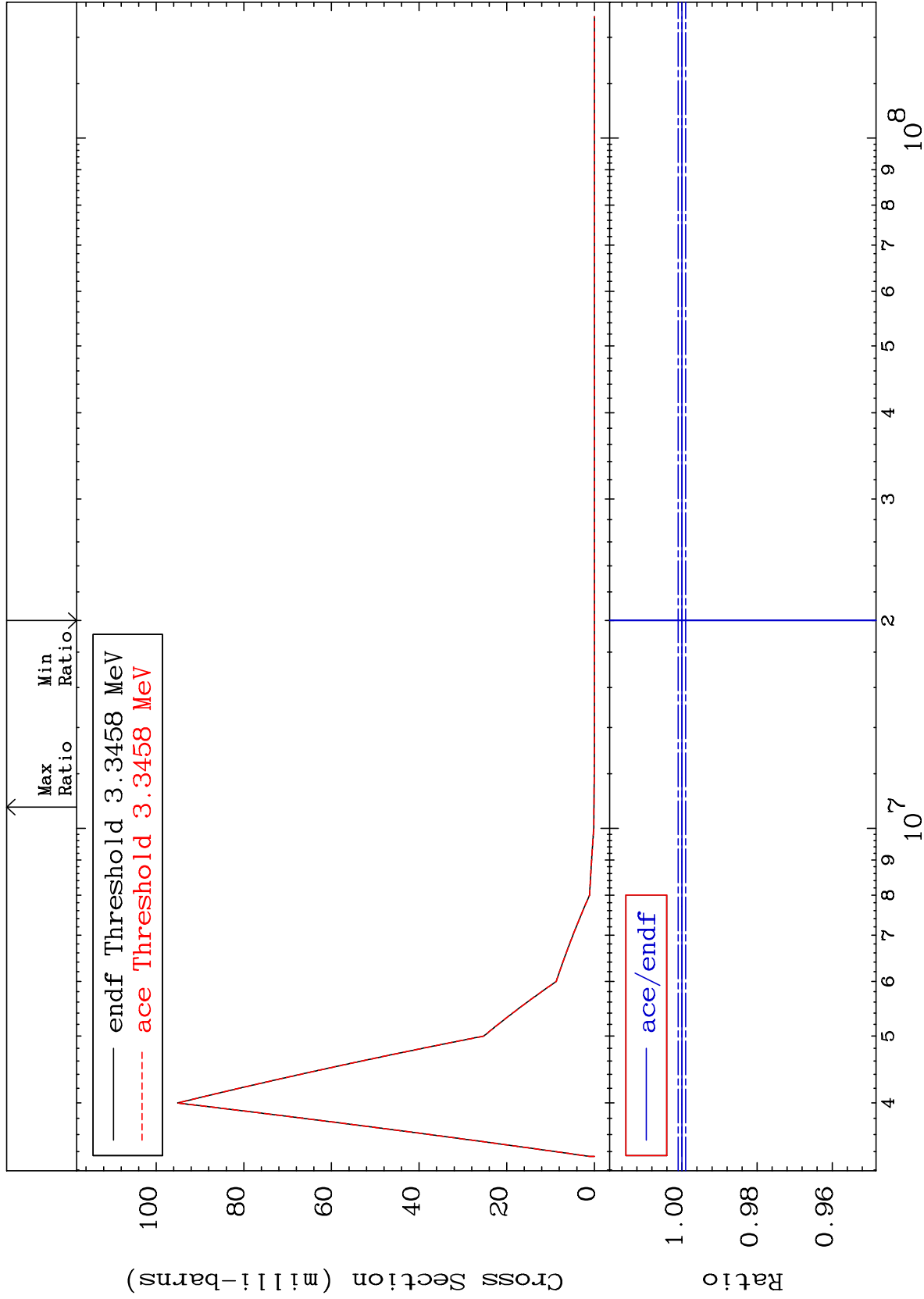
40-Zr-90  
-77.27 To 0.000 %



MAT 4025

3.309 MeV (n,n') Level  
Cross Section

40-Zr-90  
-50.00 To 0.000 %



12

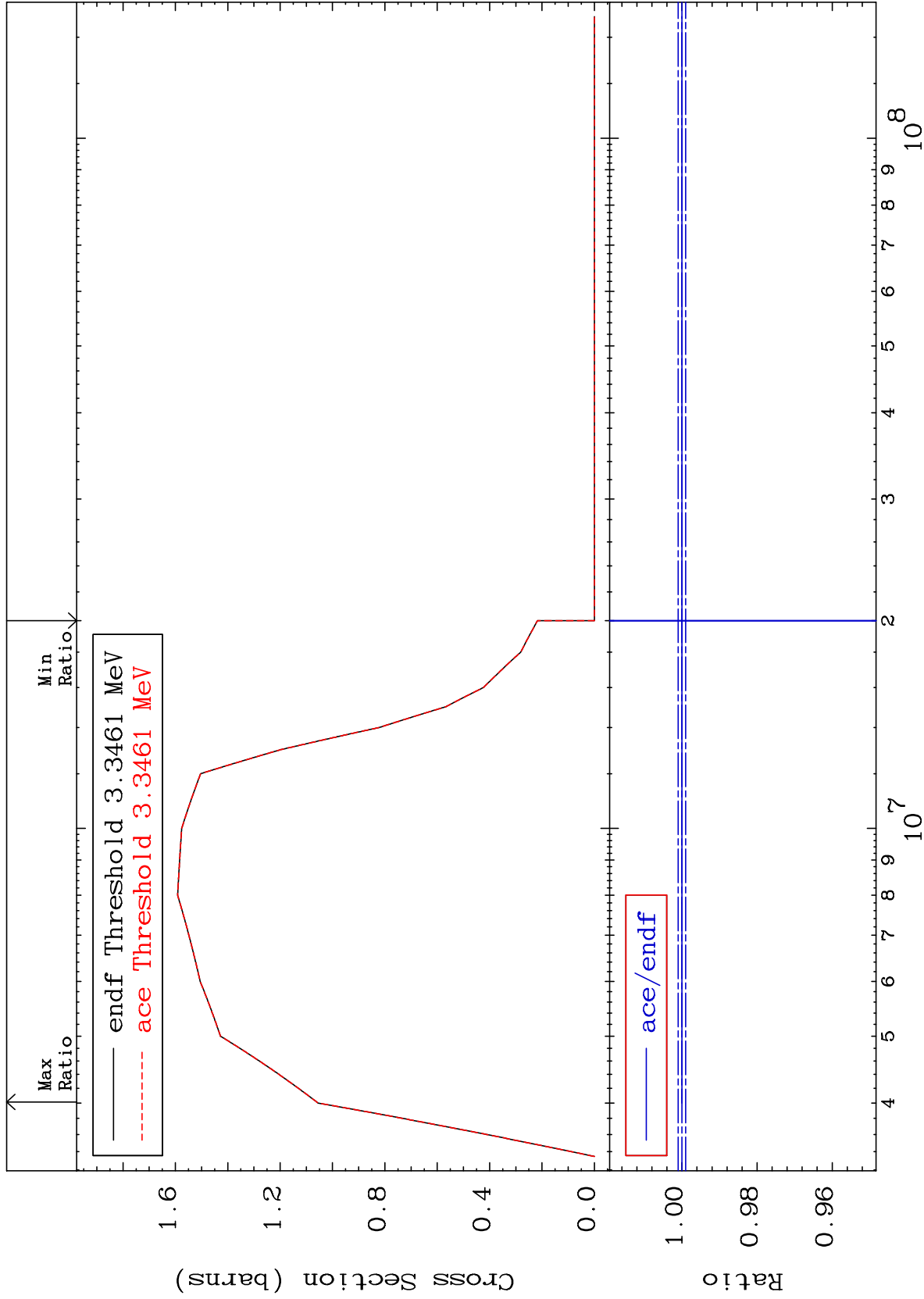
Incident Energy (eV)

40-Zr-90

MAT 4025

(n, n') Continuum  
Cross Section

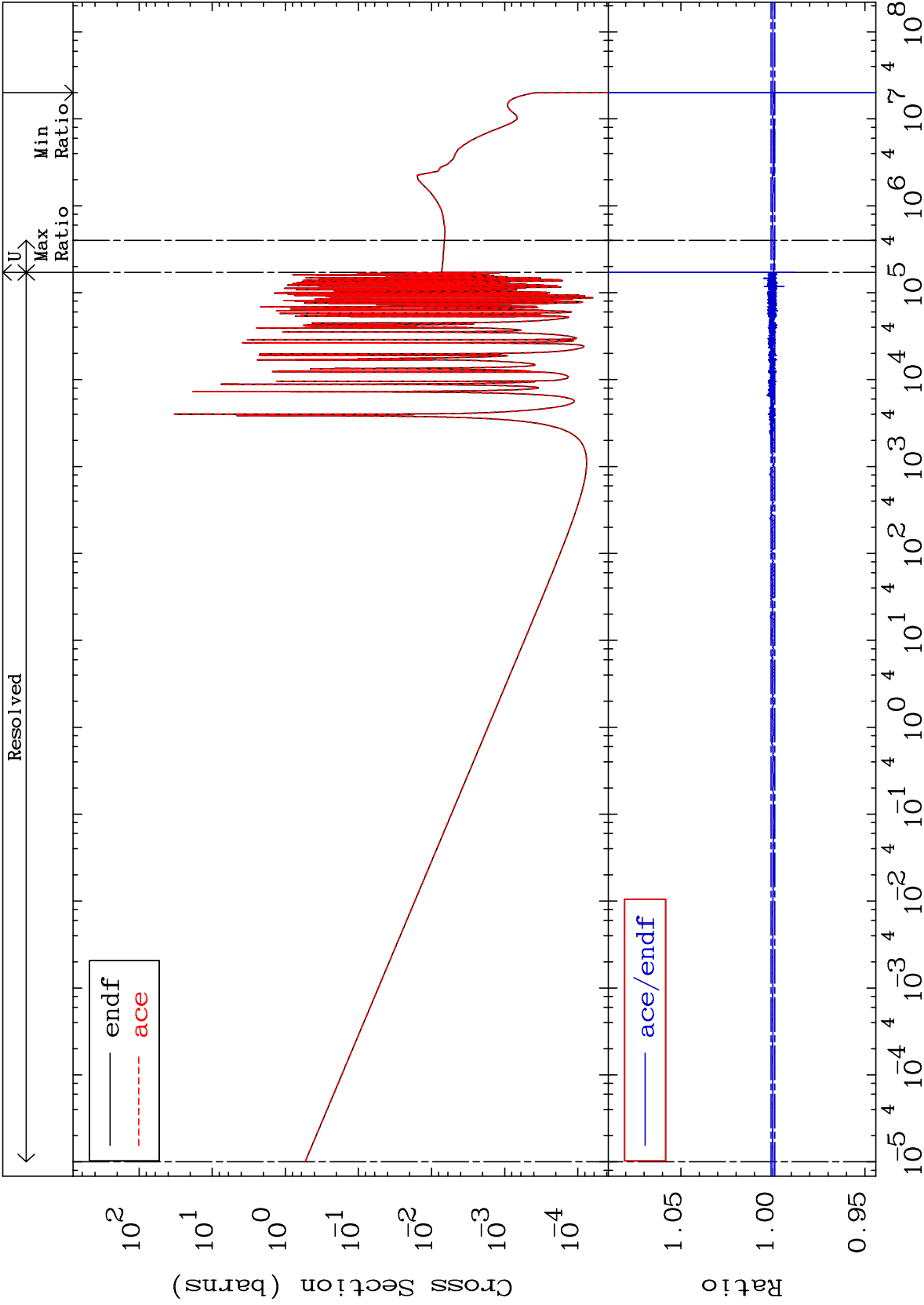
40-Zr-90  
-50.00 To 0.000 %



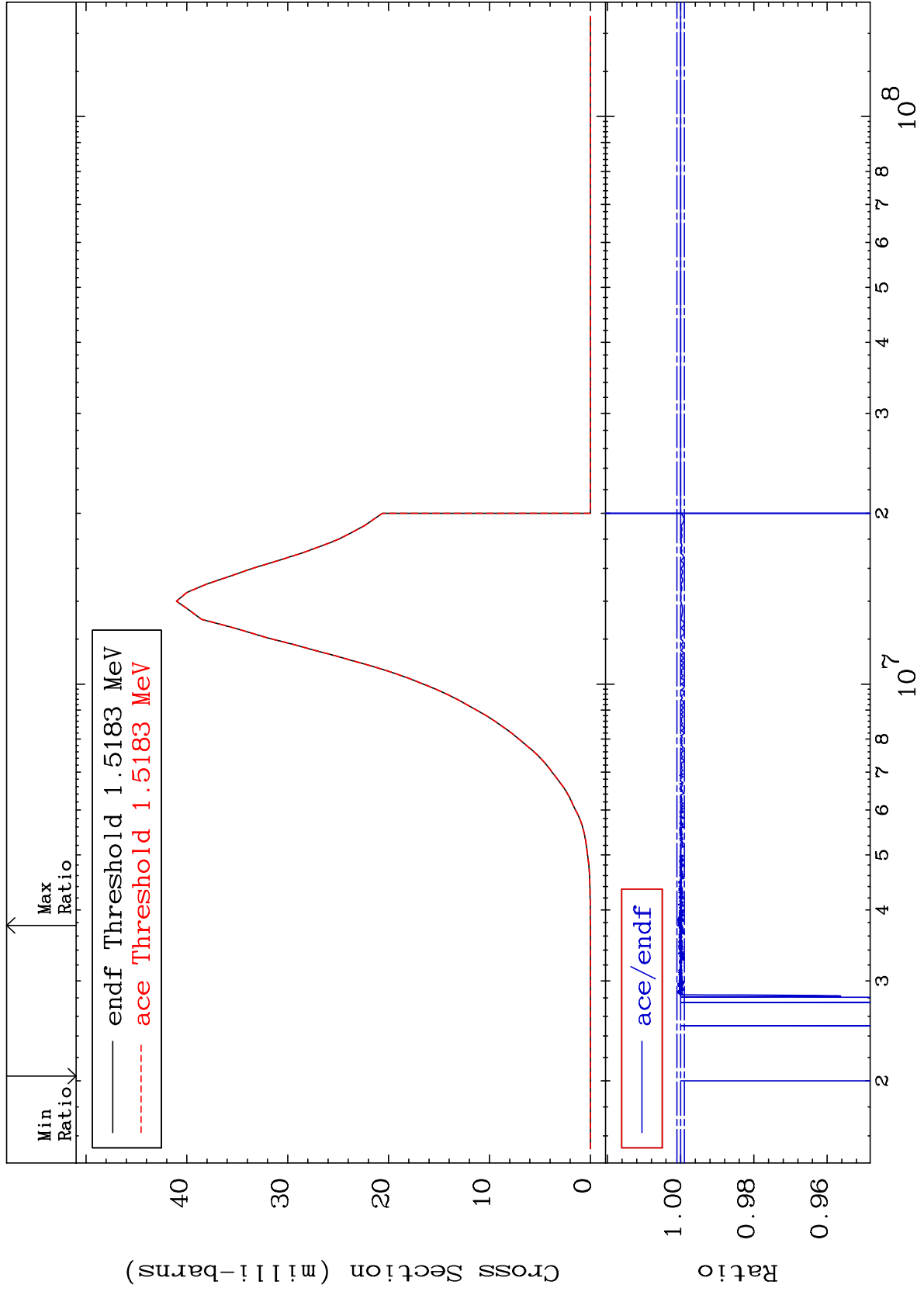
MAT 4025

(n,  $\gamma$ )  
Cross Section

40-Zr-90  
-50.00 To 261.8 %



MAT 4025 (n,p) Cross Section 40-Zr-90 -99.99 To 0.090 %

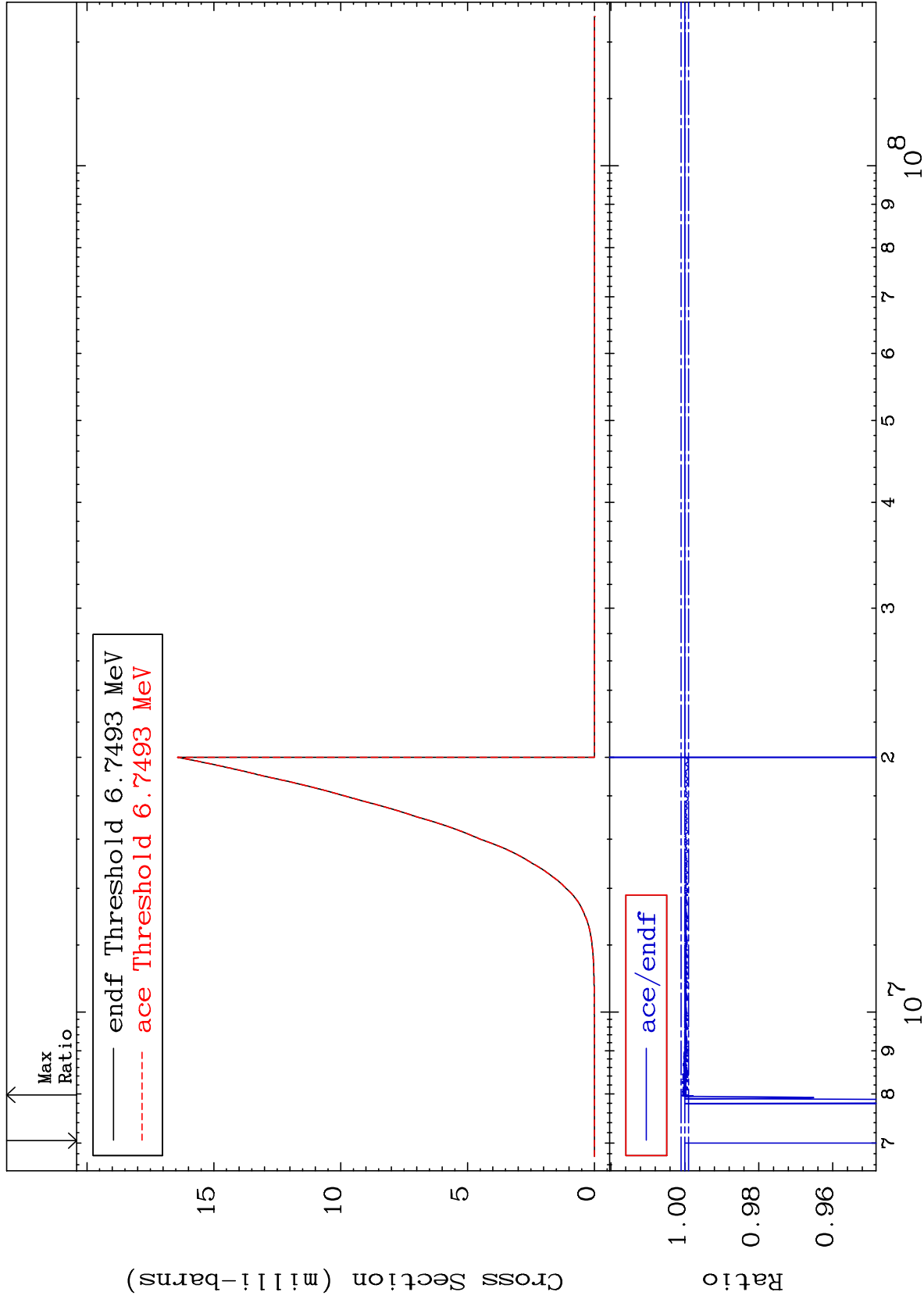




MAT 4025

(n, d)  
Cross Section

40-Zr-90  
-100.0 To 0.077 %



16

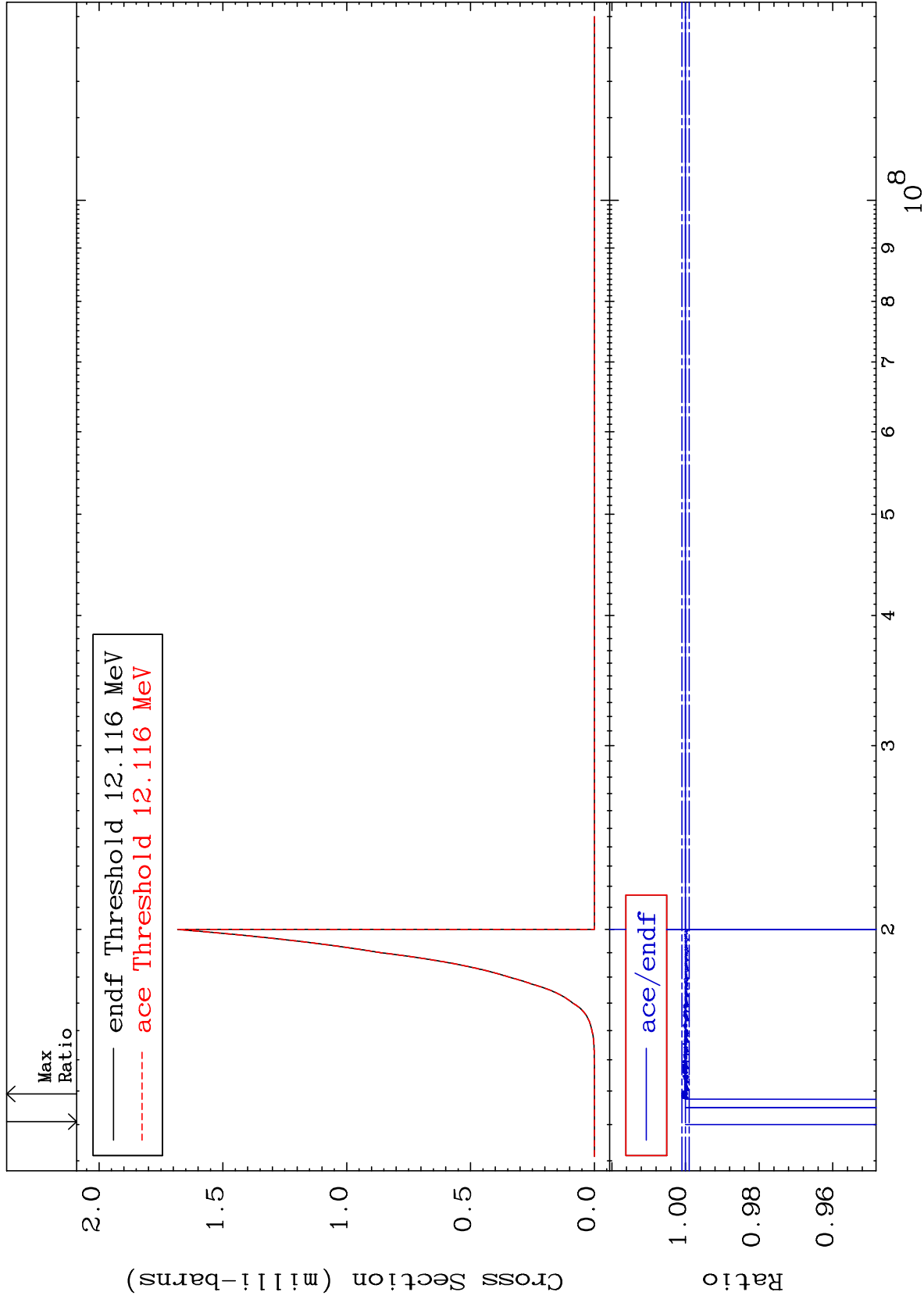
Incident Energy (eV)

40-Zr-90

MAT 4025

(n, t)  
Cross Section

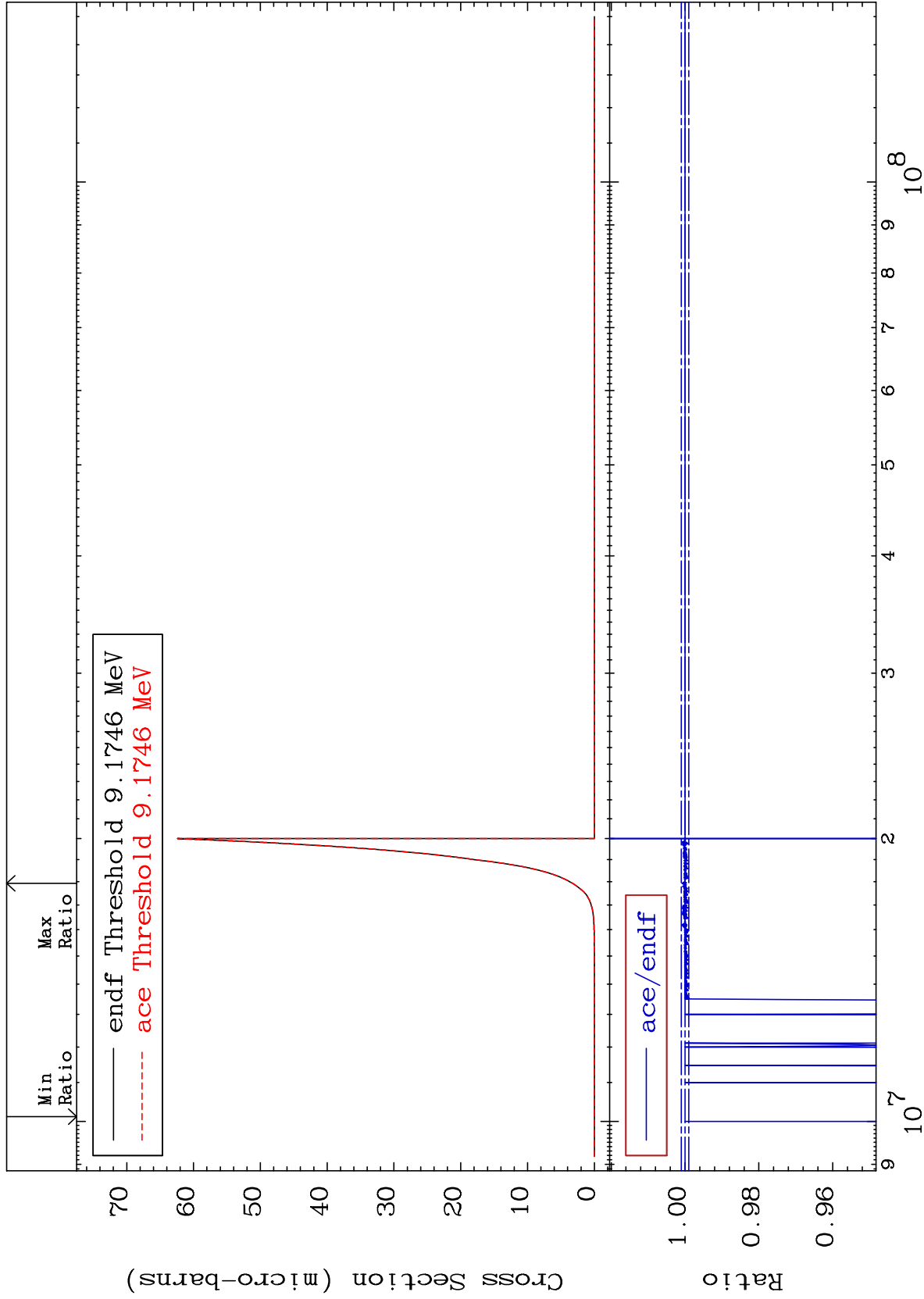
40-Zr-90  
-94.57 To 0.096 %



MAT 4025

(n, He-3)  
Cross Section

40-Zr-90  
-99.48 To 0.083 %

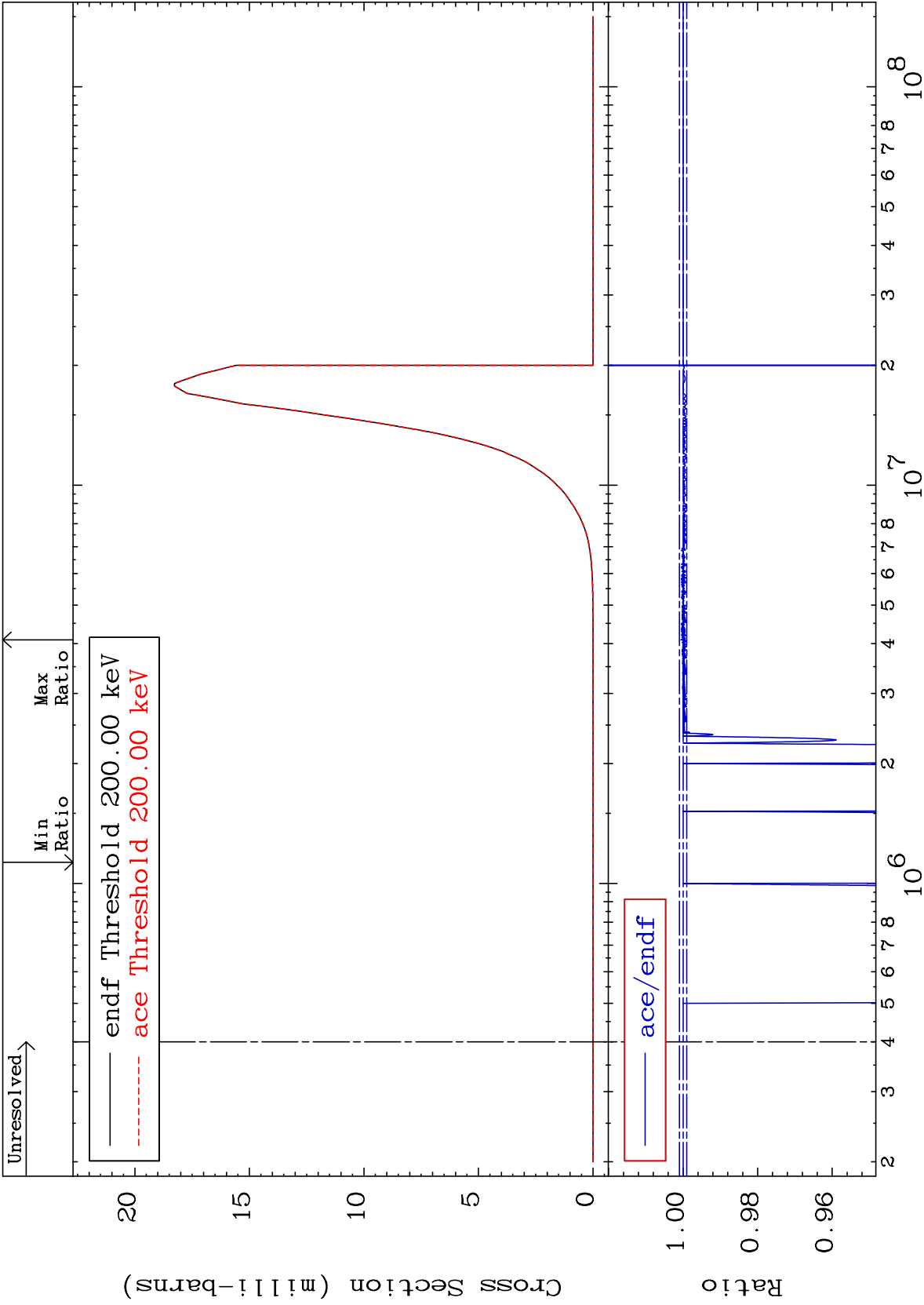


18

Incident Energy (eV)

40-Zr-90

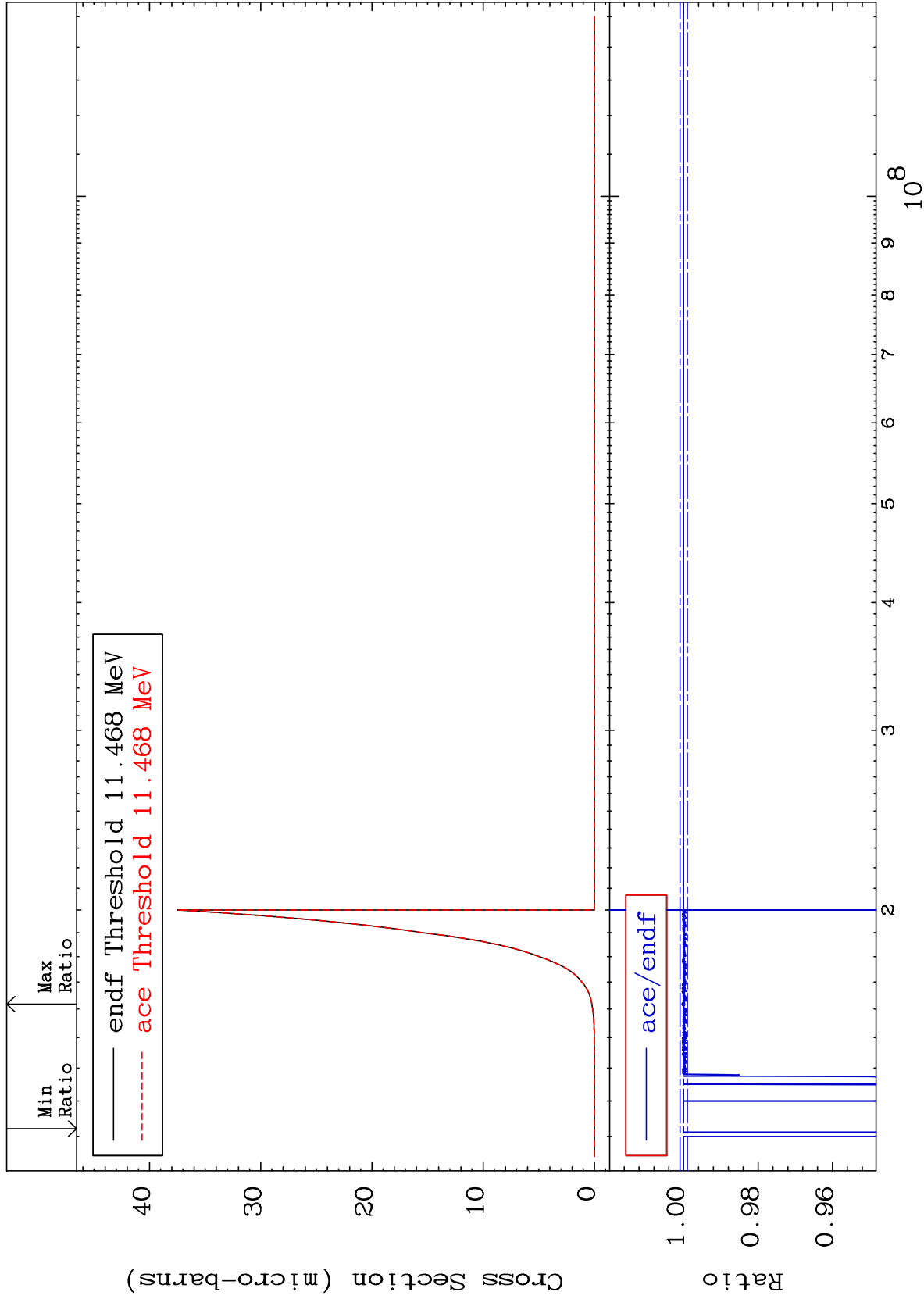
MAT 4025  $(n, \alpha)$  Cross Section 40-Zr-90 -74.21 To 0.058 %



MAT 4025

(n,2p)  
Cross Section

40-Zr-90  
-99.74 To 0.046 %



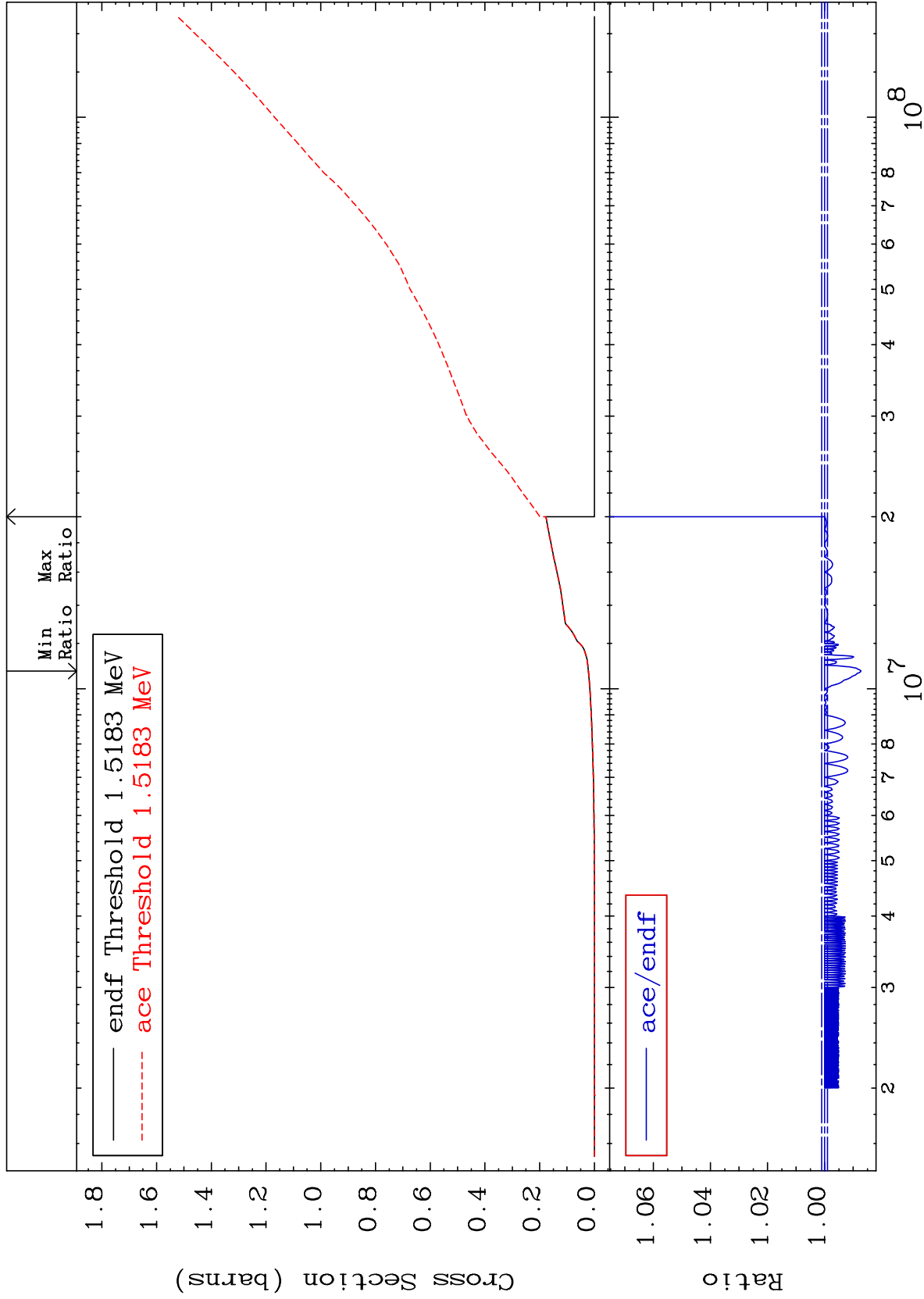
20

40-Zr-90

MAT 4025

### Hydrogen Production Cross Section

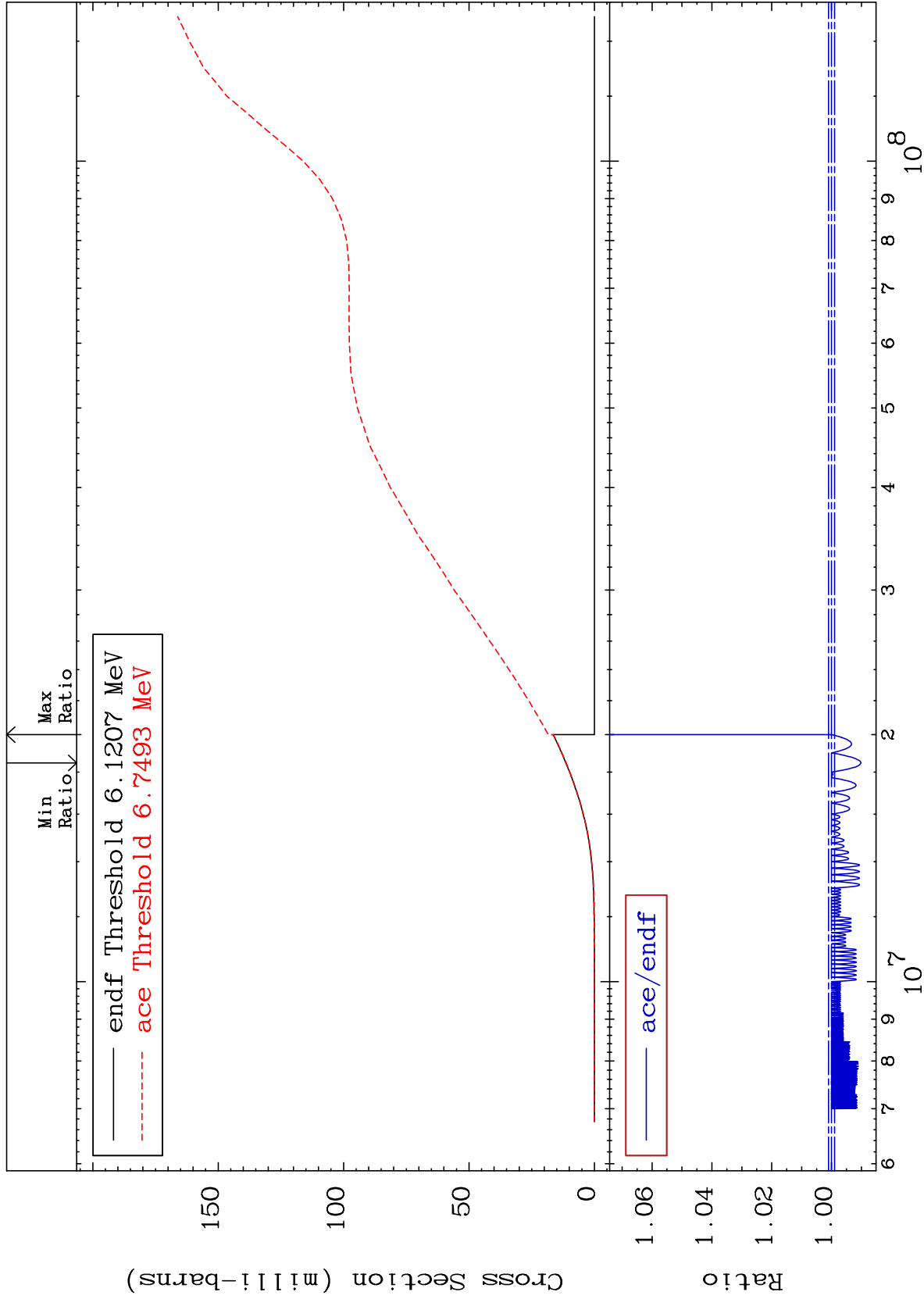
40-Zr-90  
-1.270 To 6.258 %



MAT 4025

### Deuterium Production Cross Section

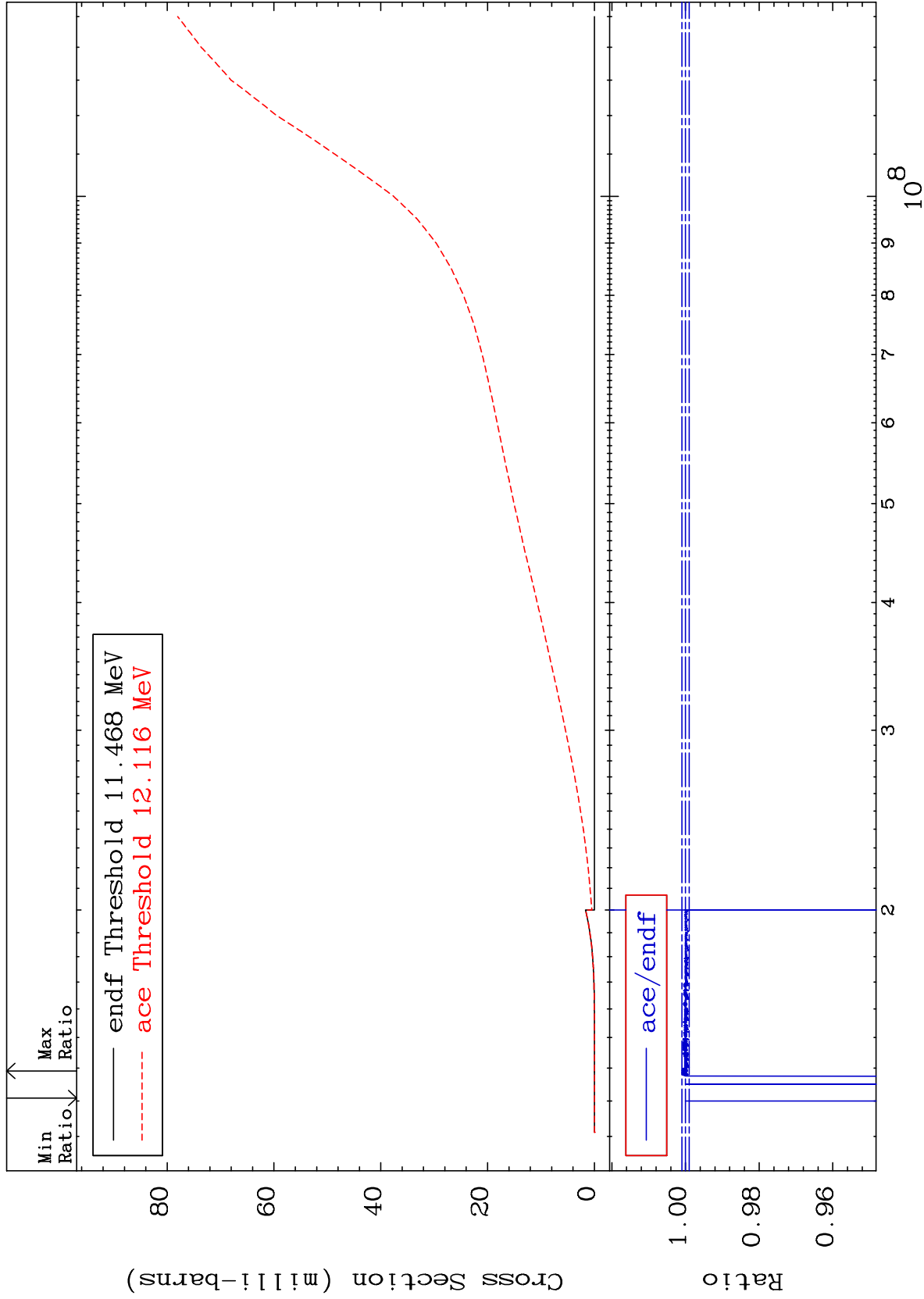
40-Zr-90  
-0.979 To 6.062 %



MAT 4025

### Tritium Production Cross Section

40-Zr-90  
-94.57 To 0.096 %

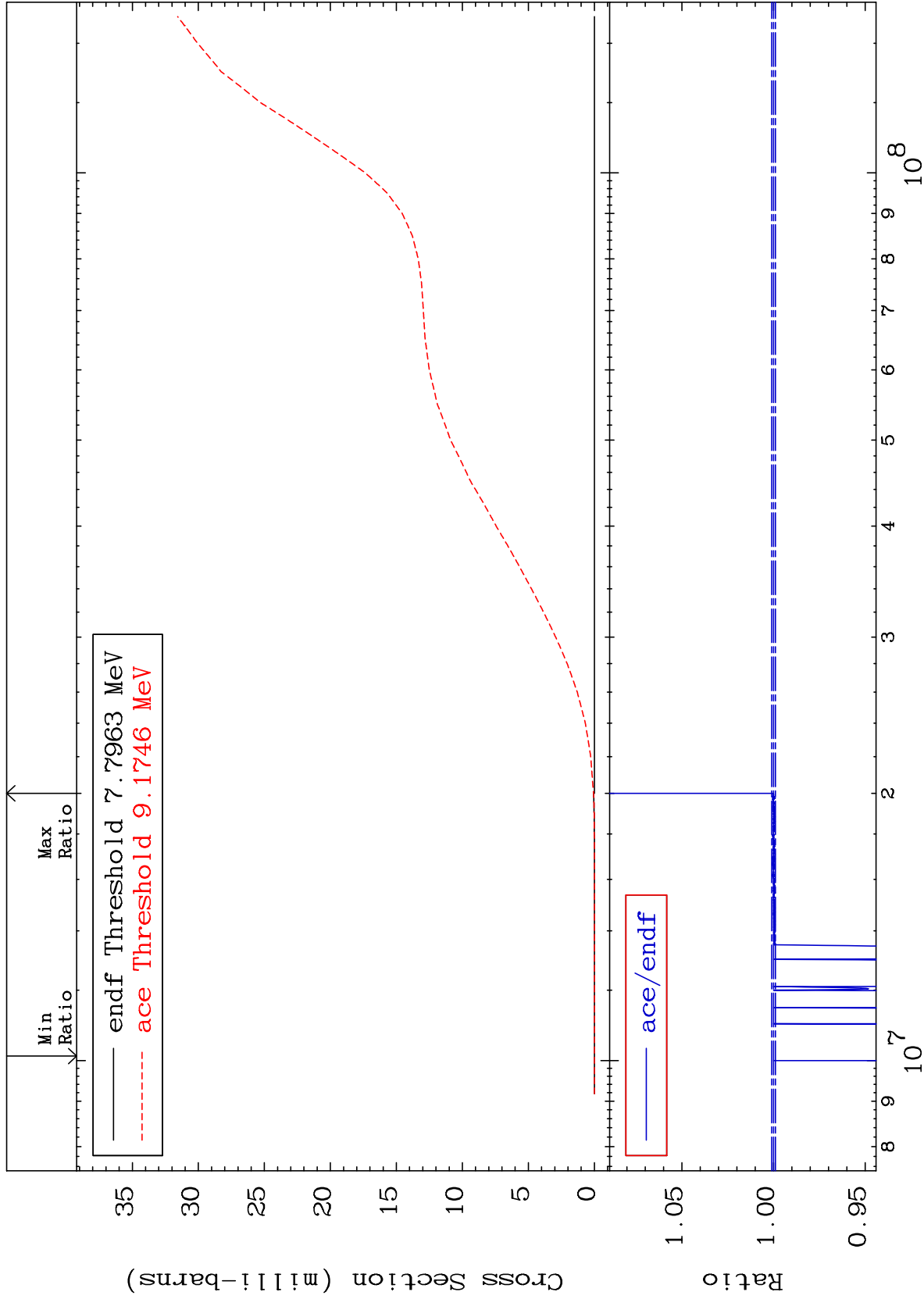




MAT 4025

He-3 Production  
Cross Section

40-Zr-90  
-99.48 To 7.245 %



24

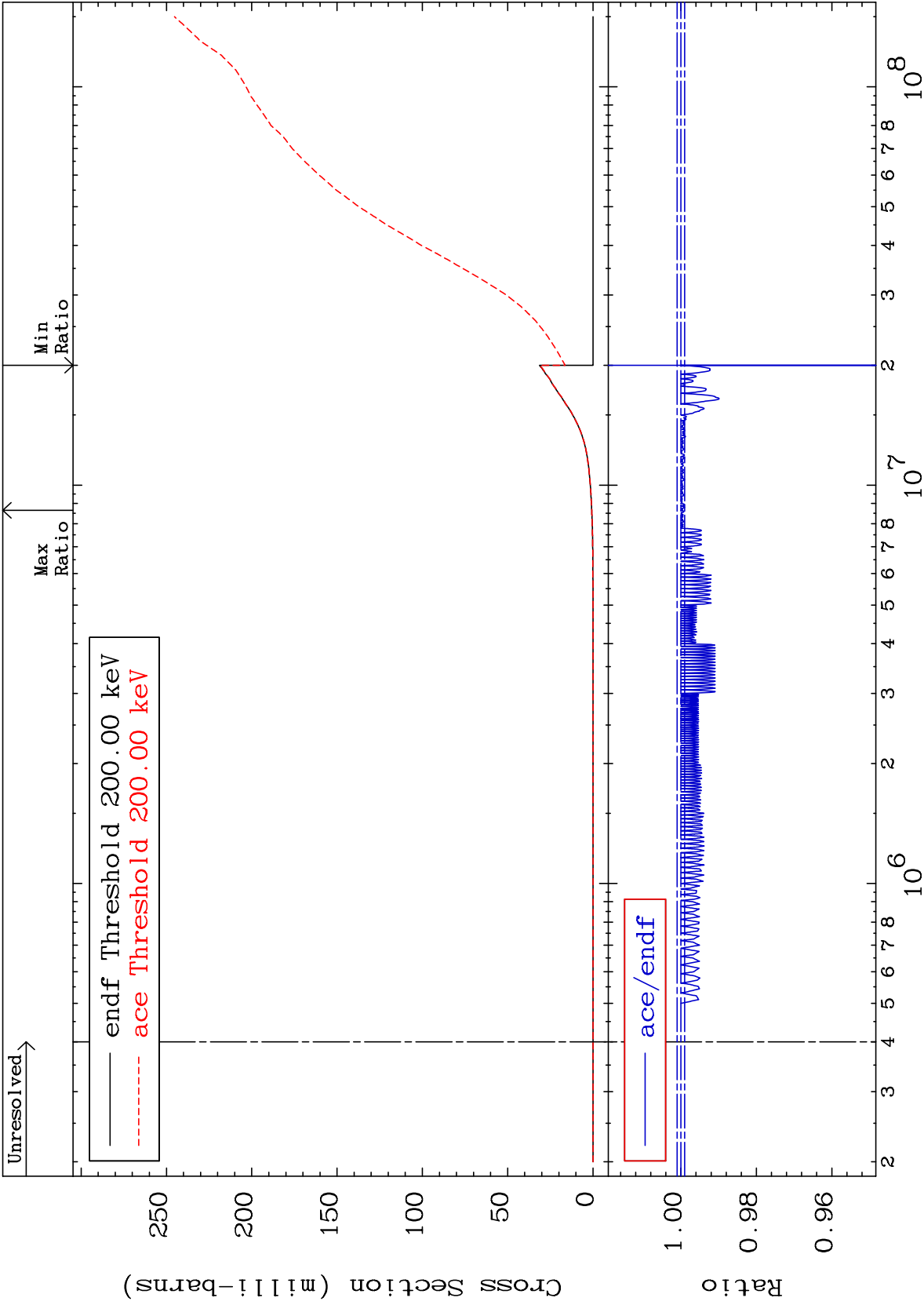
Incident Energy (eV)

40-Zr-90

MAT 4025

He-4 Production  
Cross Section

40-Zr-90  
-23.88 To 0.000 %



25

Incident Energy (eV)

40-Zr-90