

Program Complot  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

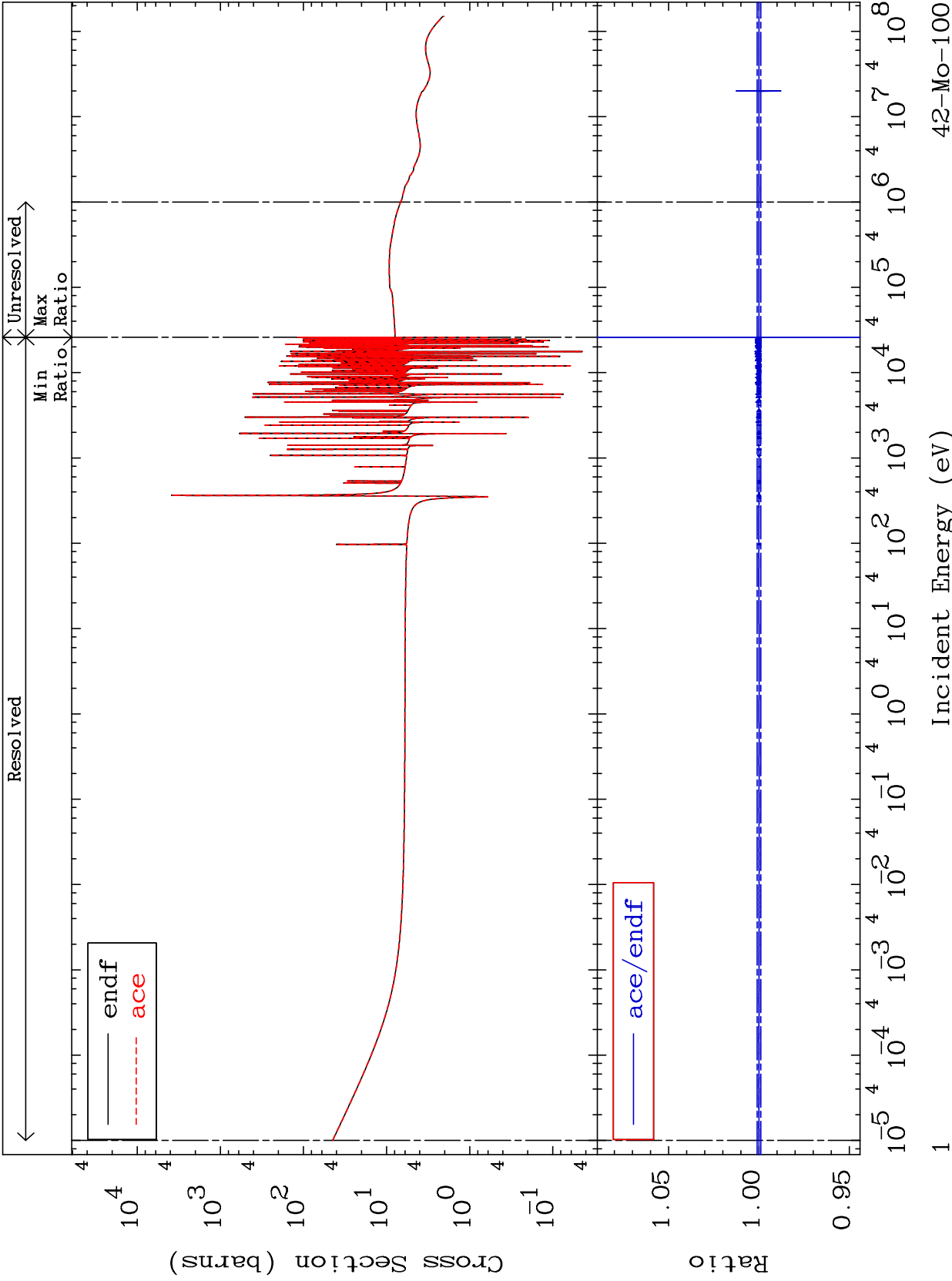
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 4249

Total  
Cross Section

42-Mo-100  
-25.39 To 14.93 %

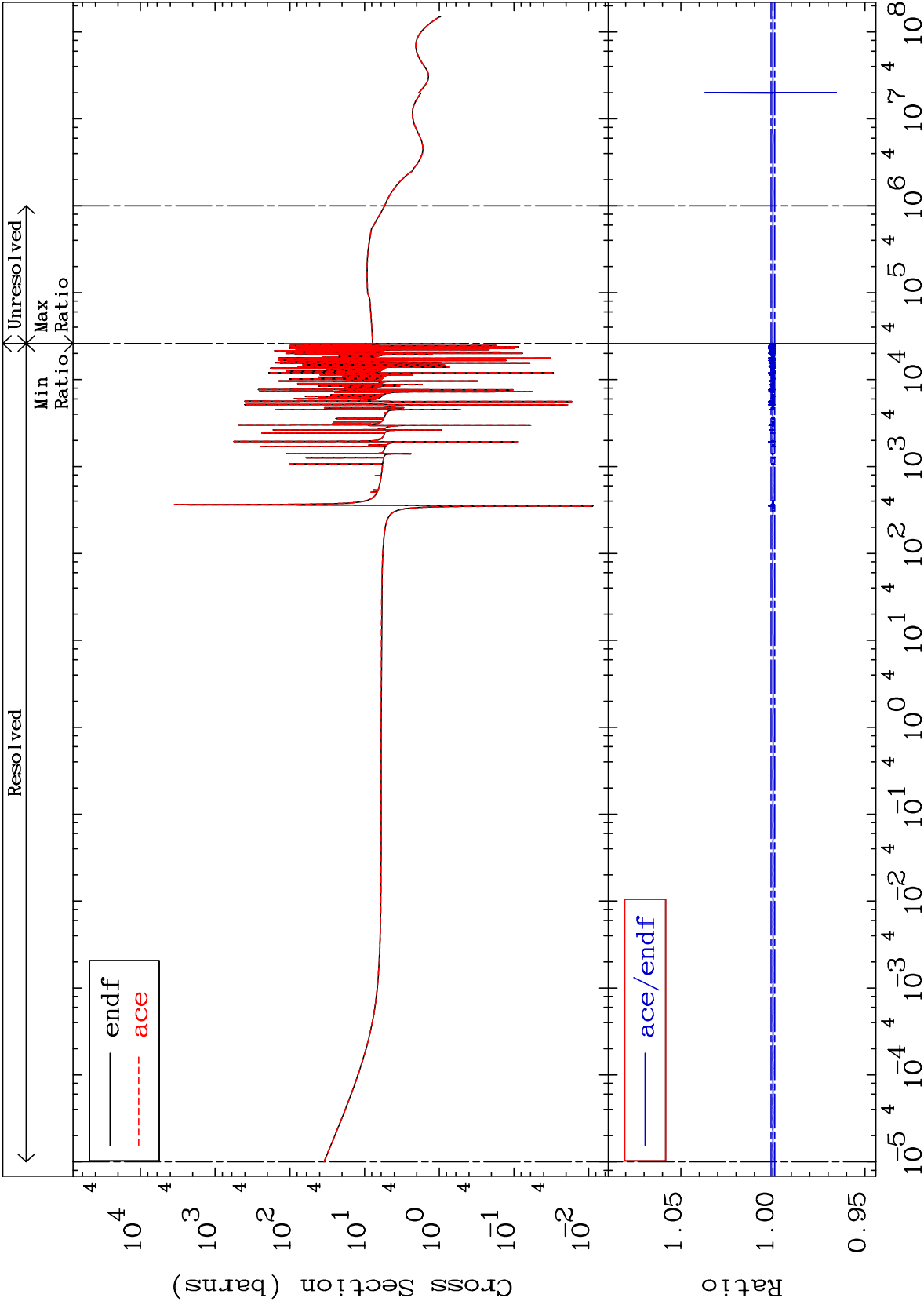


42-Mo-100

MAT 4249

### Elastic Cross Section

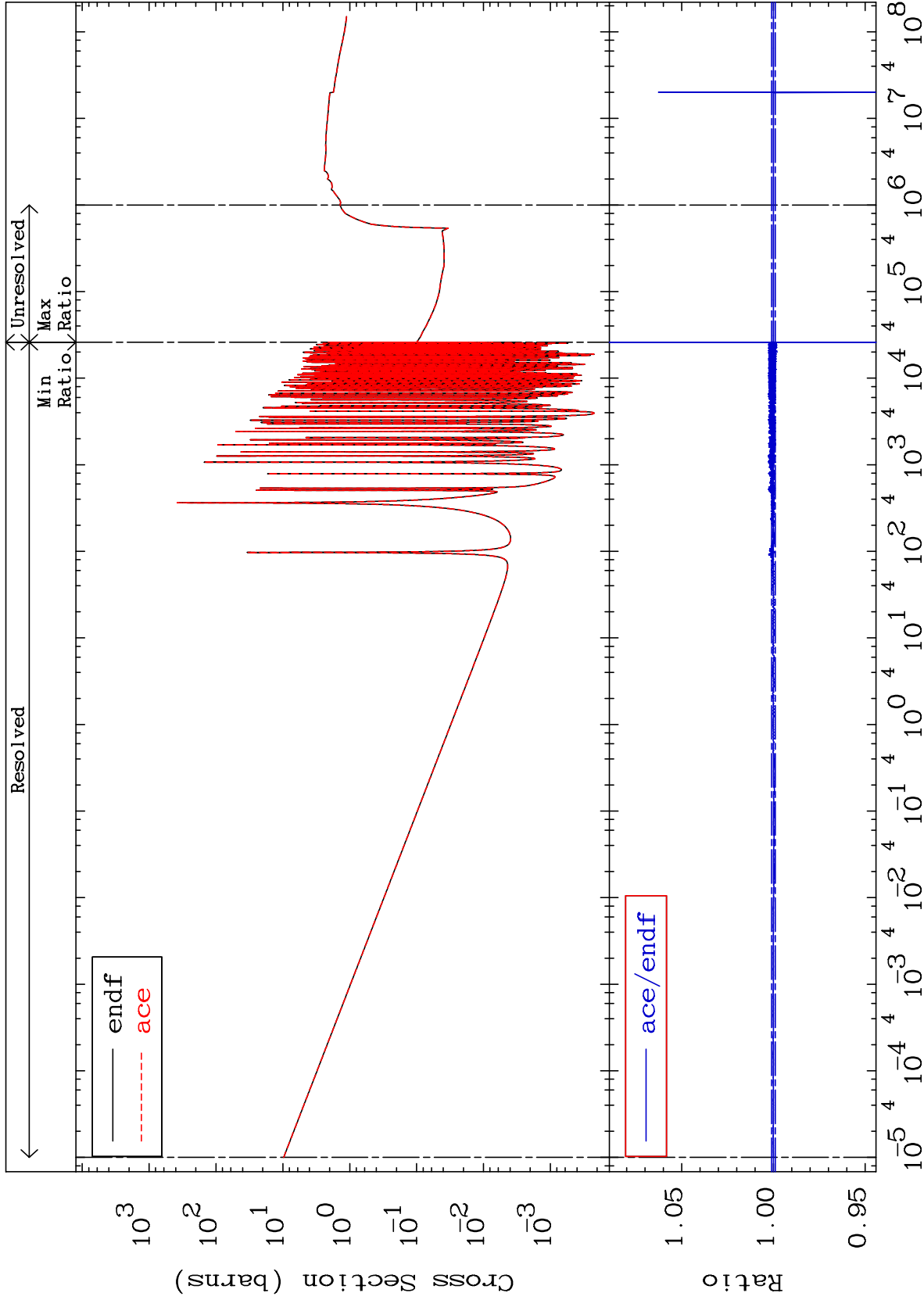
42-Mo-100  
-25.81 To 15.26 %



MAT 4249

### Nonelastic Cross Section

42-Mo-100  
-10.50 To 75.46 %

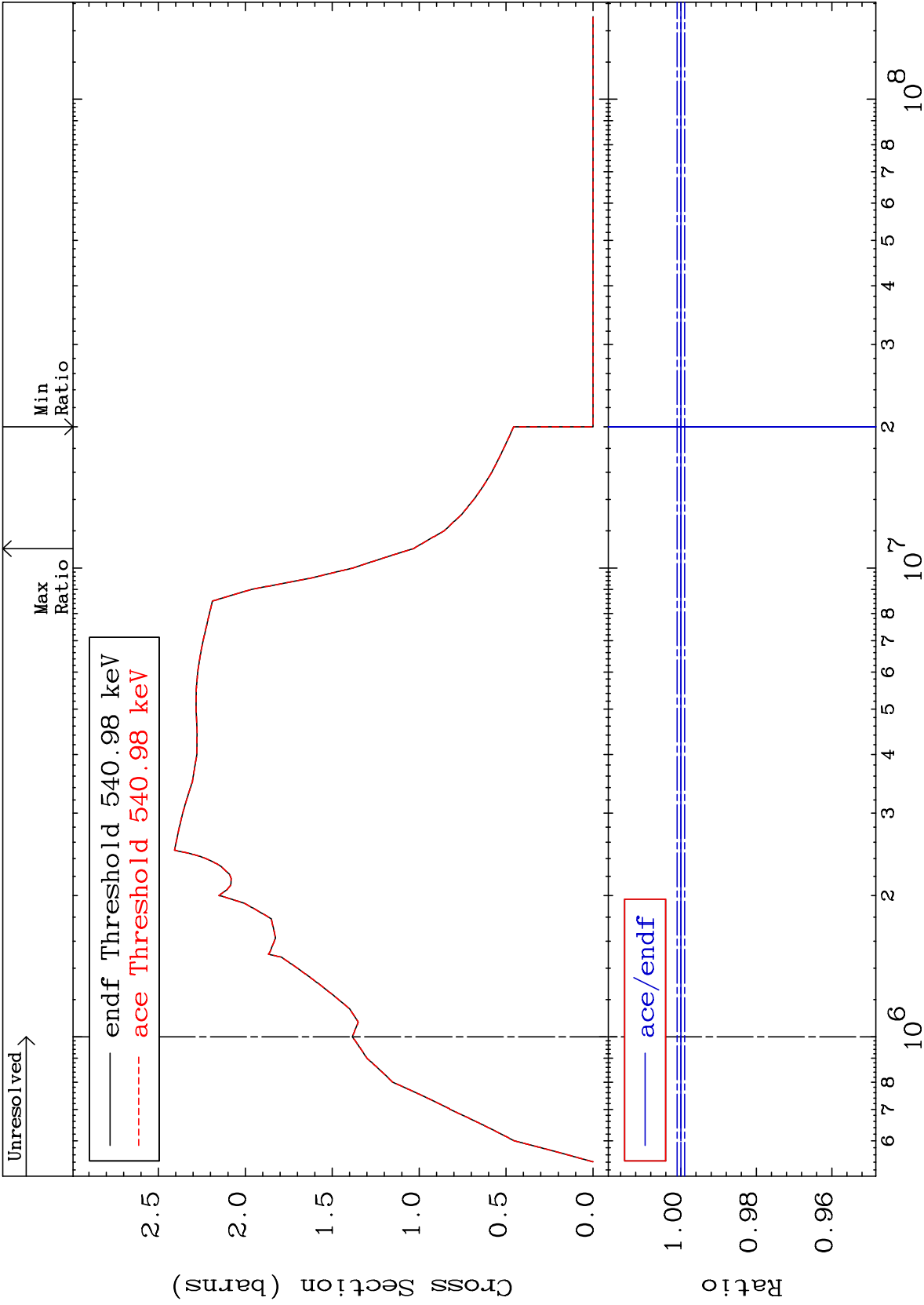


MAT 4249

42-Mo-100

Inelastic  
Cross Section

-50.00 To 0.000 %



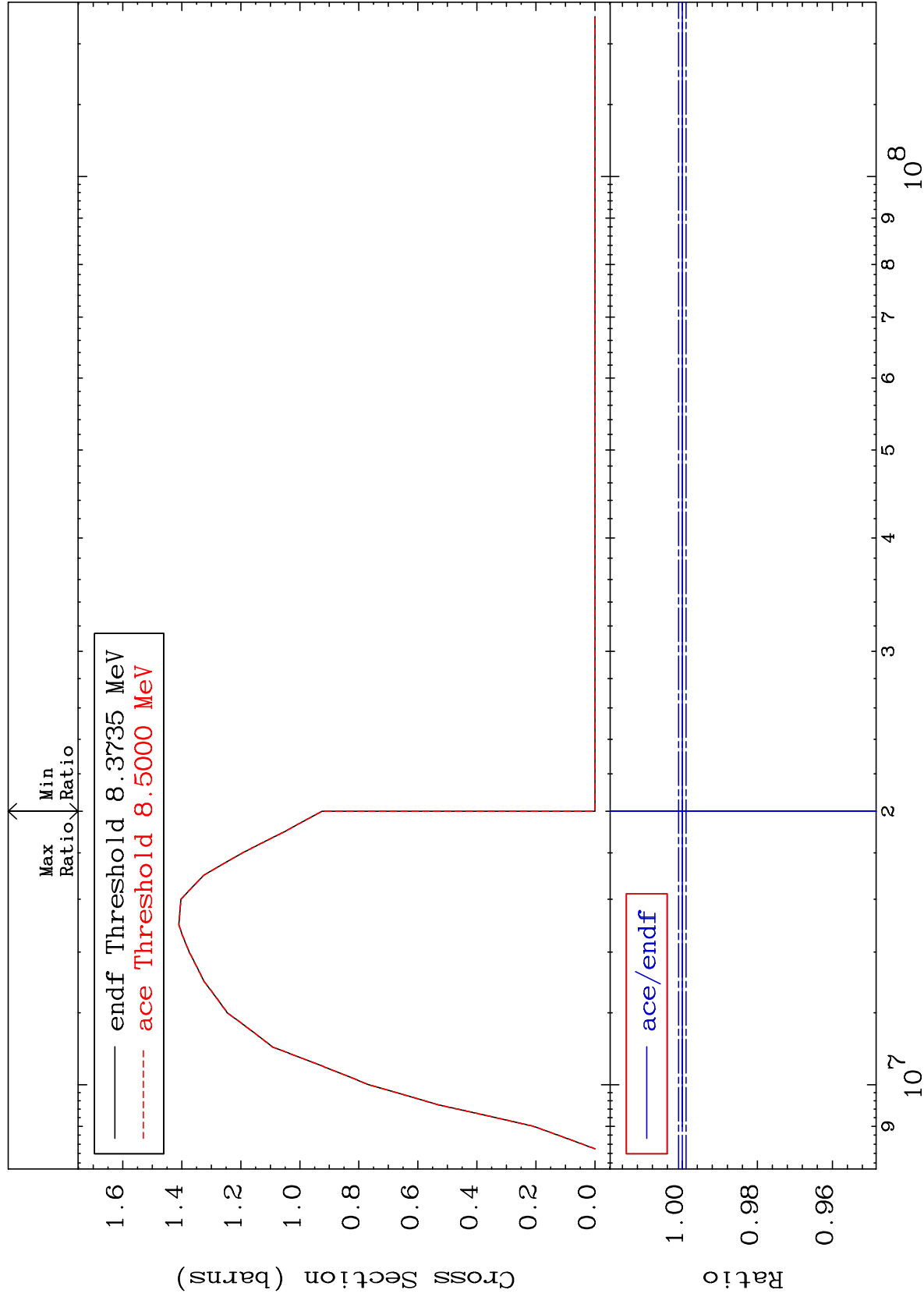
MAT 4249

(n,2n)

42-Mo-100

Cross Section

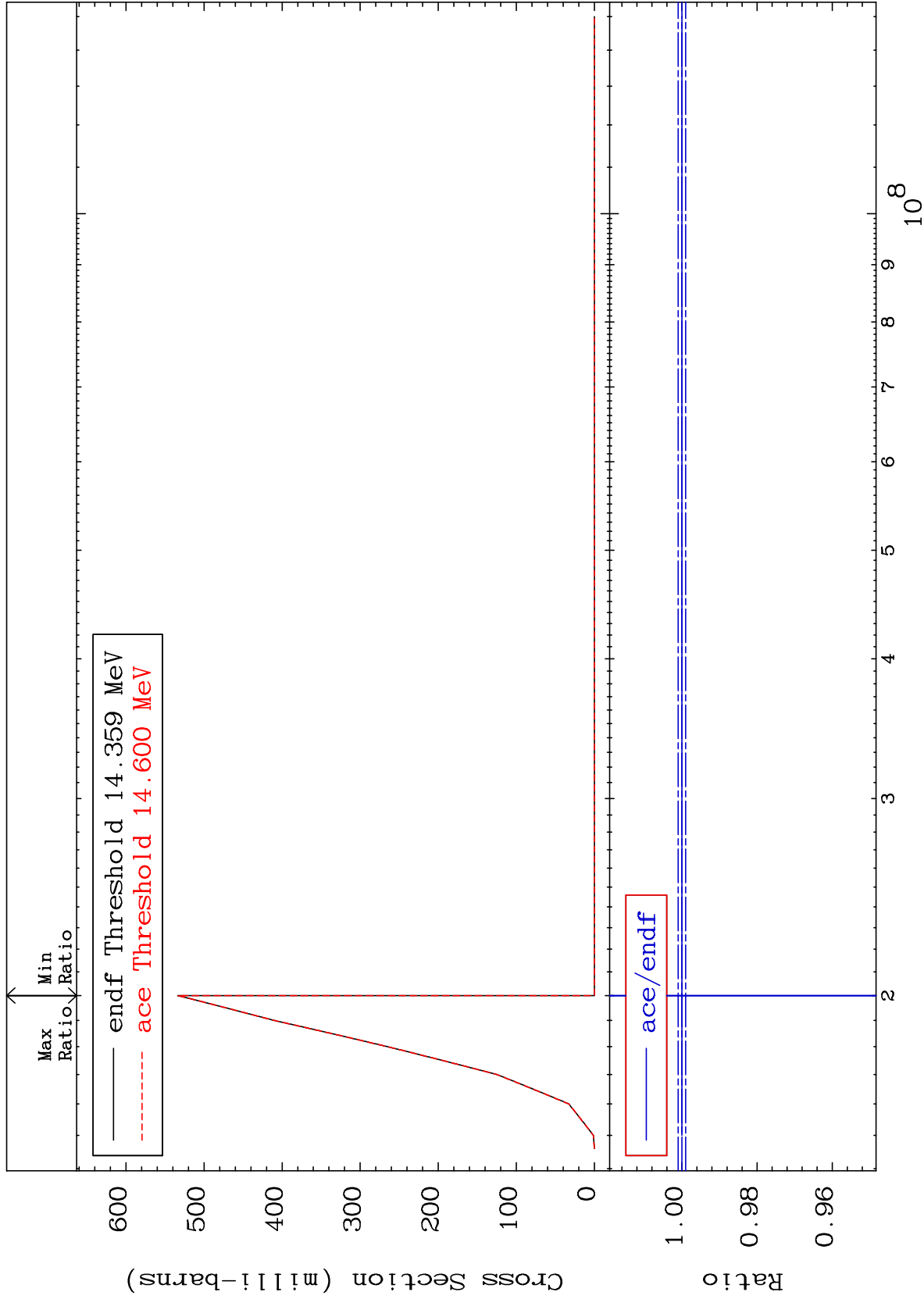
-50.00 To 0.000 %



MAT 4249

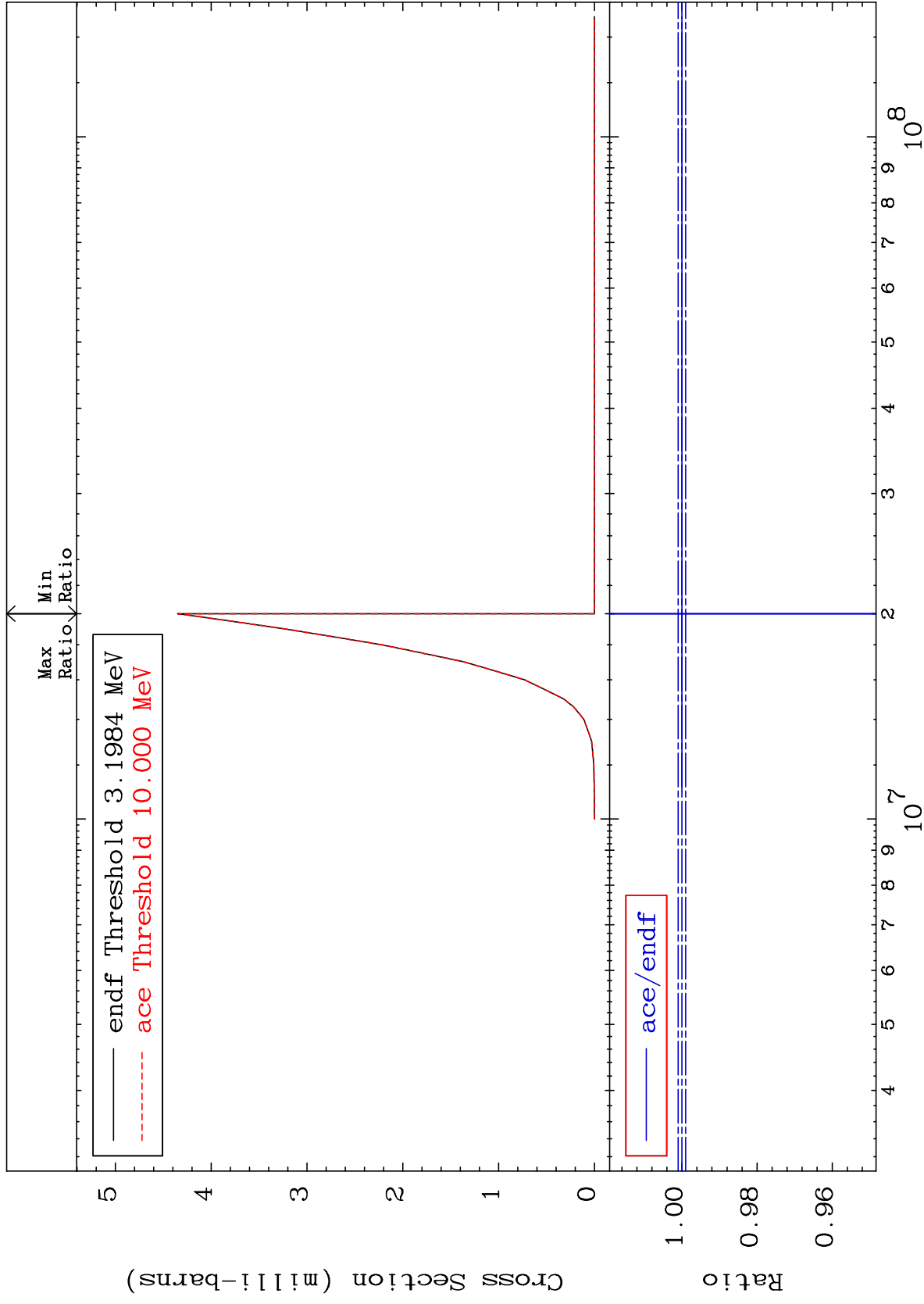
(n, 3n)  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



MAT 4249

(n, n')  $\alpha$   
Cross Section  
42-Mo-100  
-50.00 To 0.000 %



7

Incident Energy (eV)

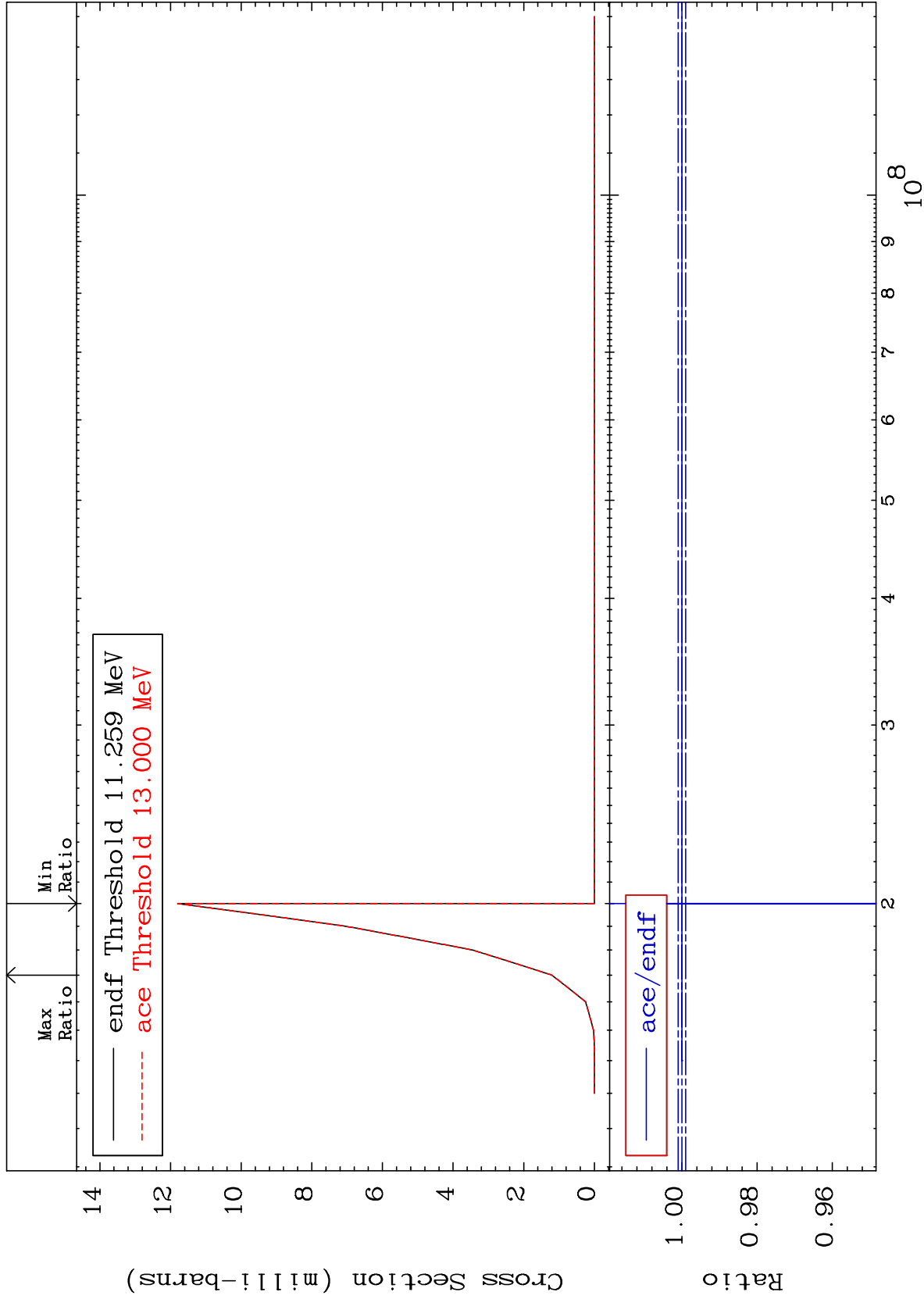
42-Mo-100



MAT 4249

(n, n') p  
Cross Section

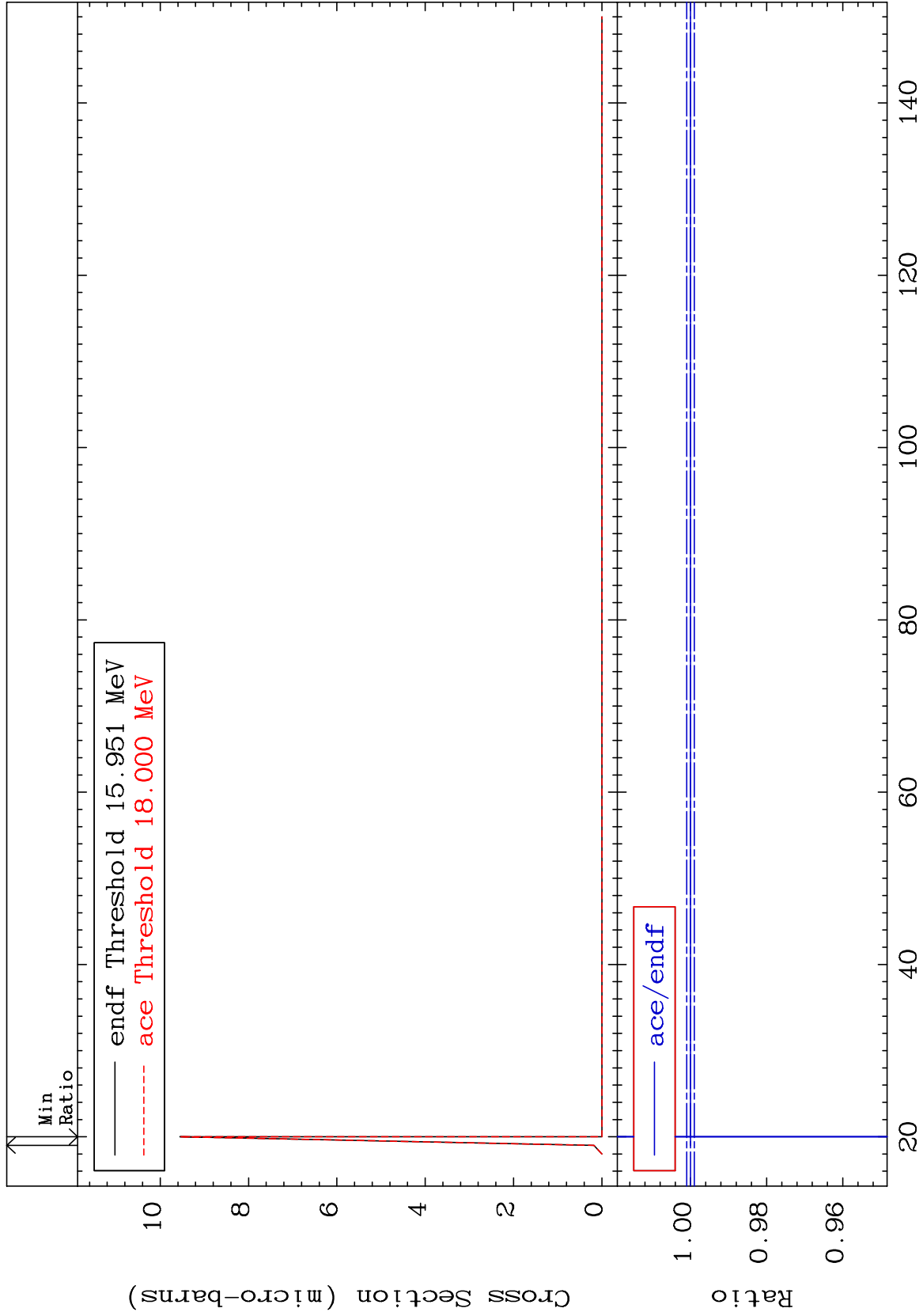
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

(n, n') d  
Cross Section

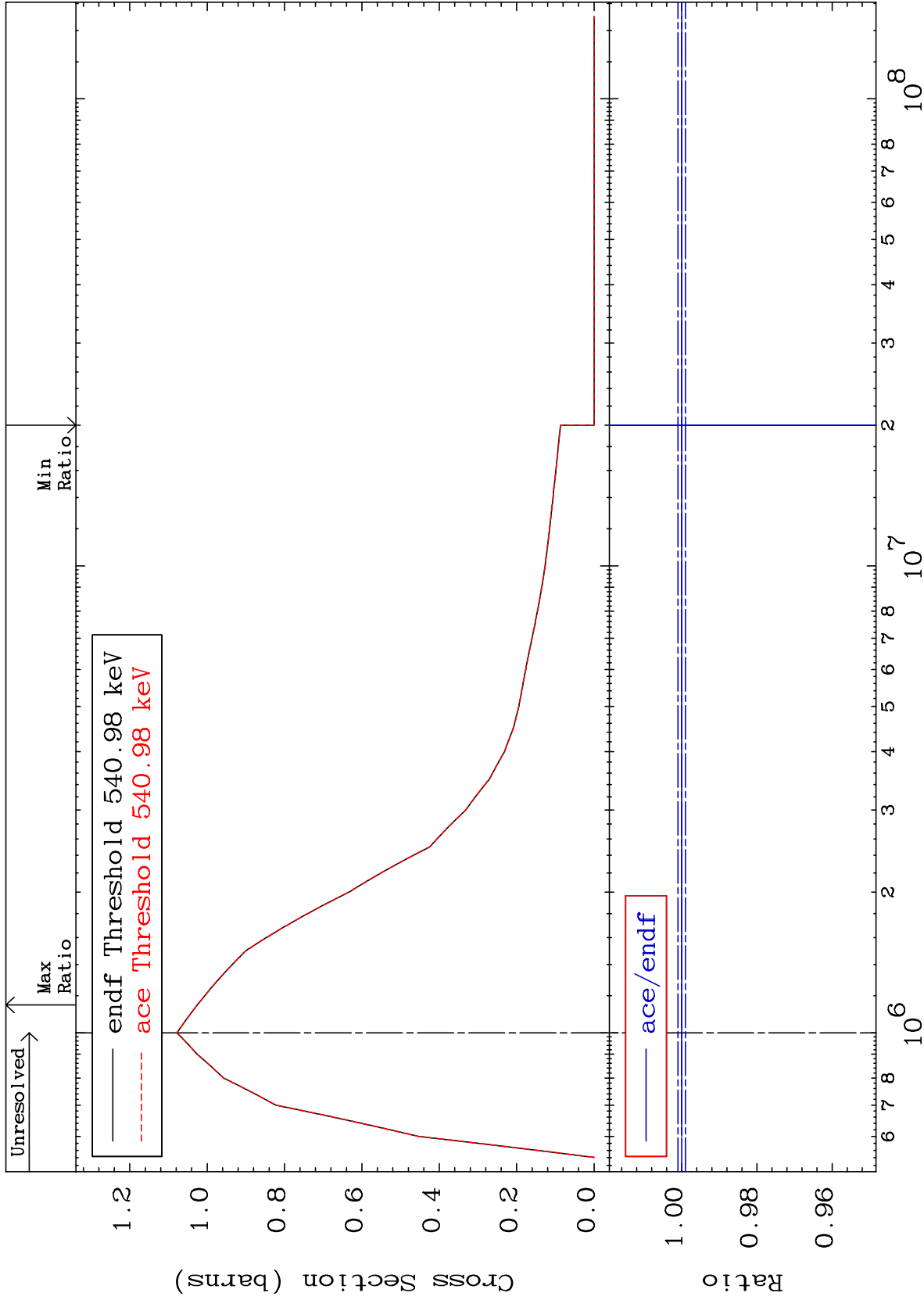
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

535.6 keV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



10

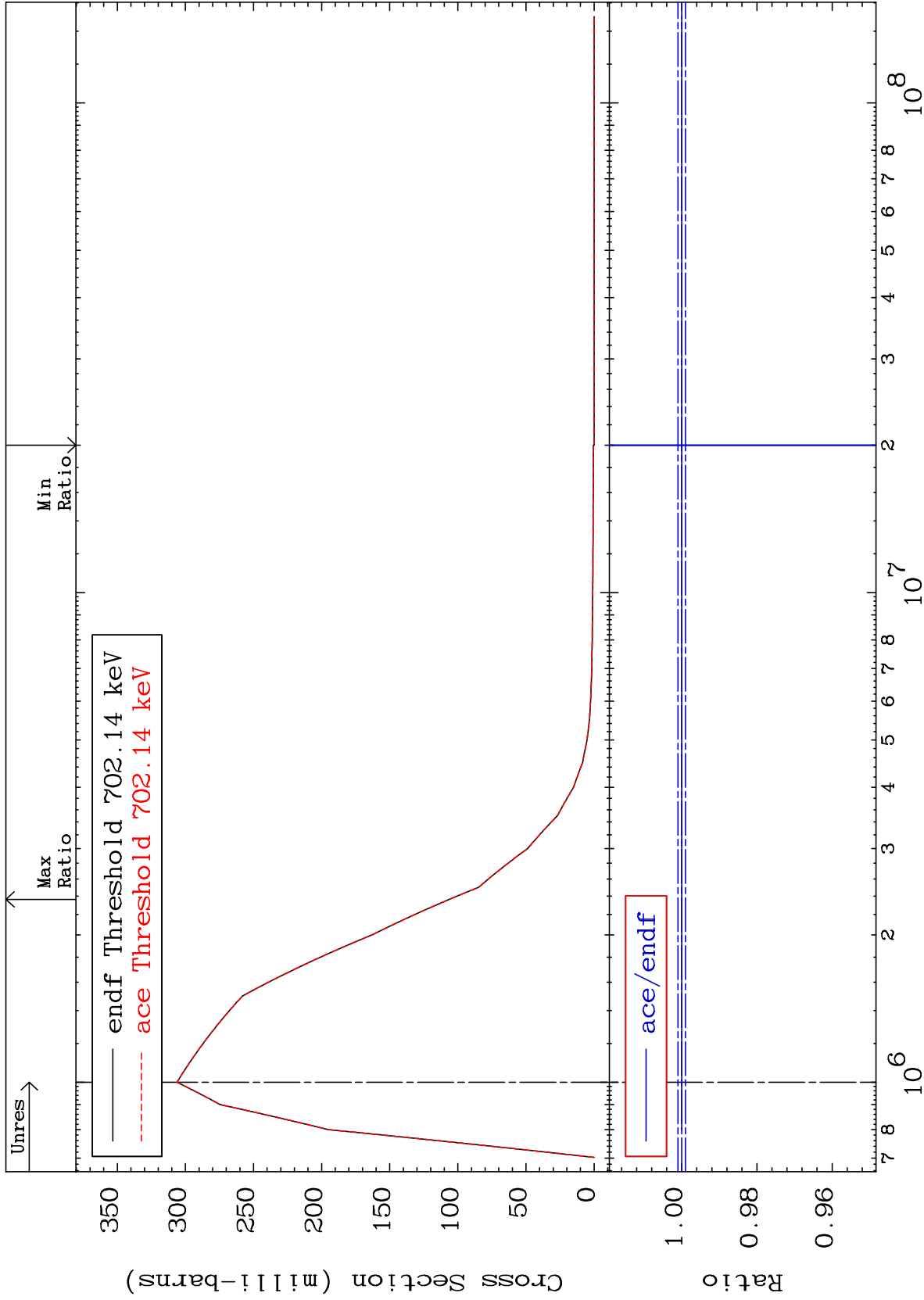
Incident Energy (eV)

42-Mo-100

MAT 4249

695.1 keV (n,n') Level  
Cross Section

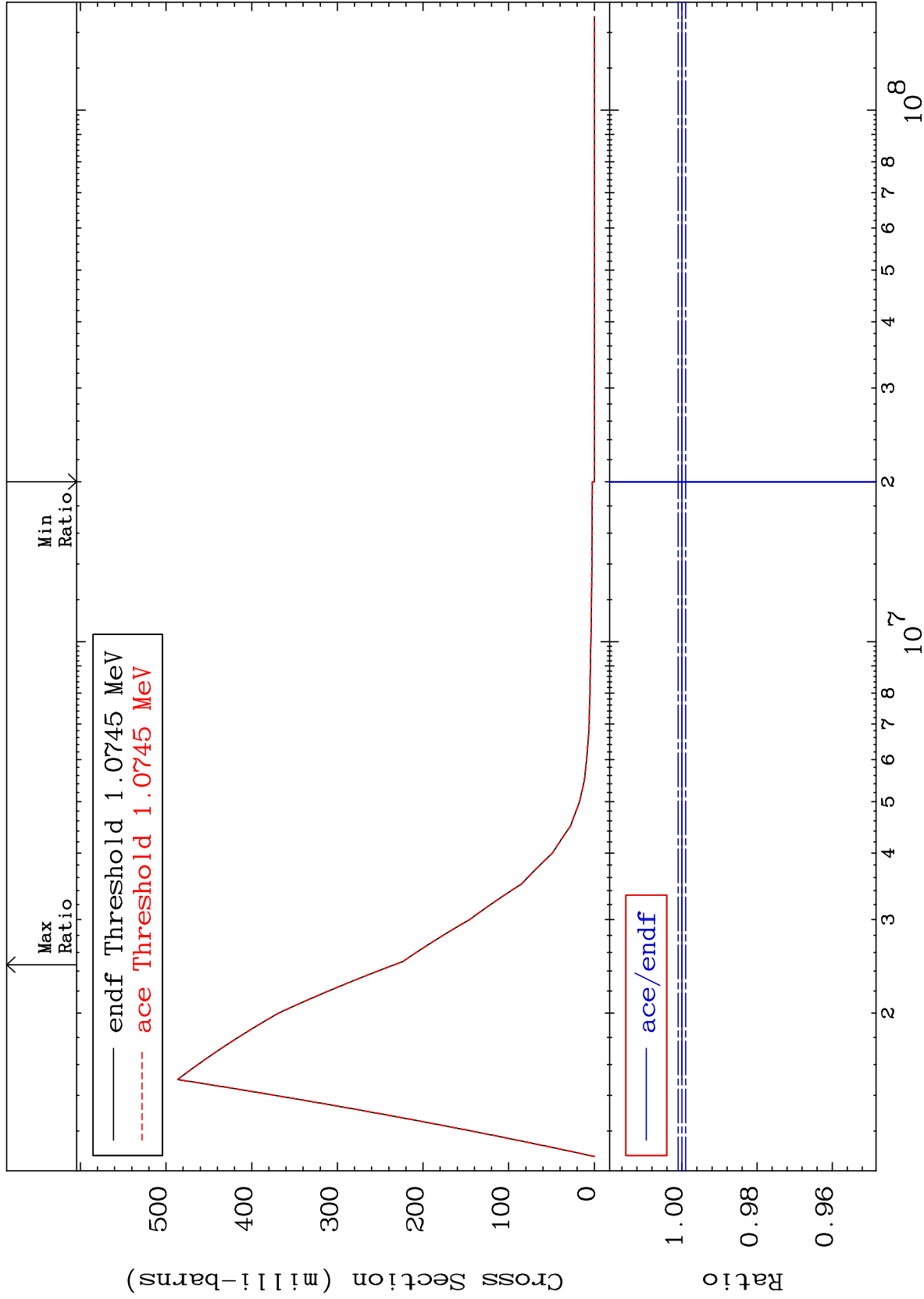
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

1.064 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



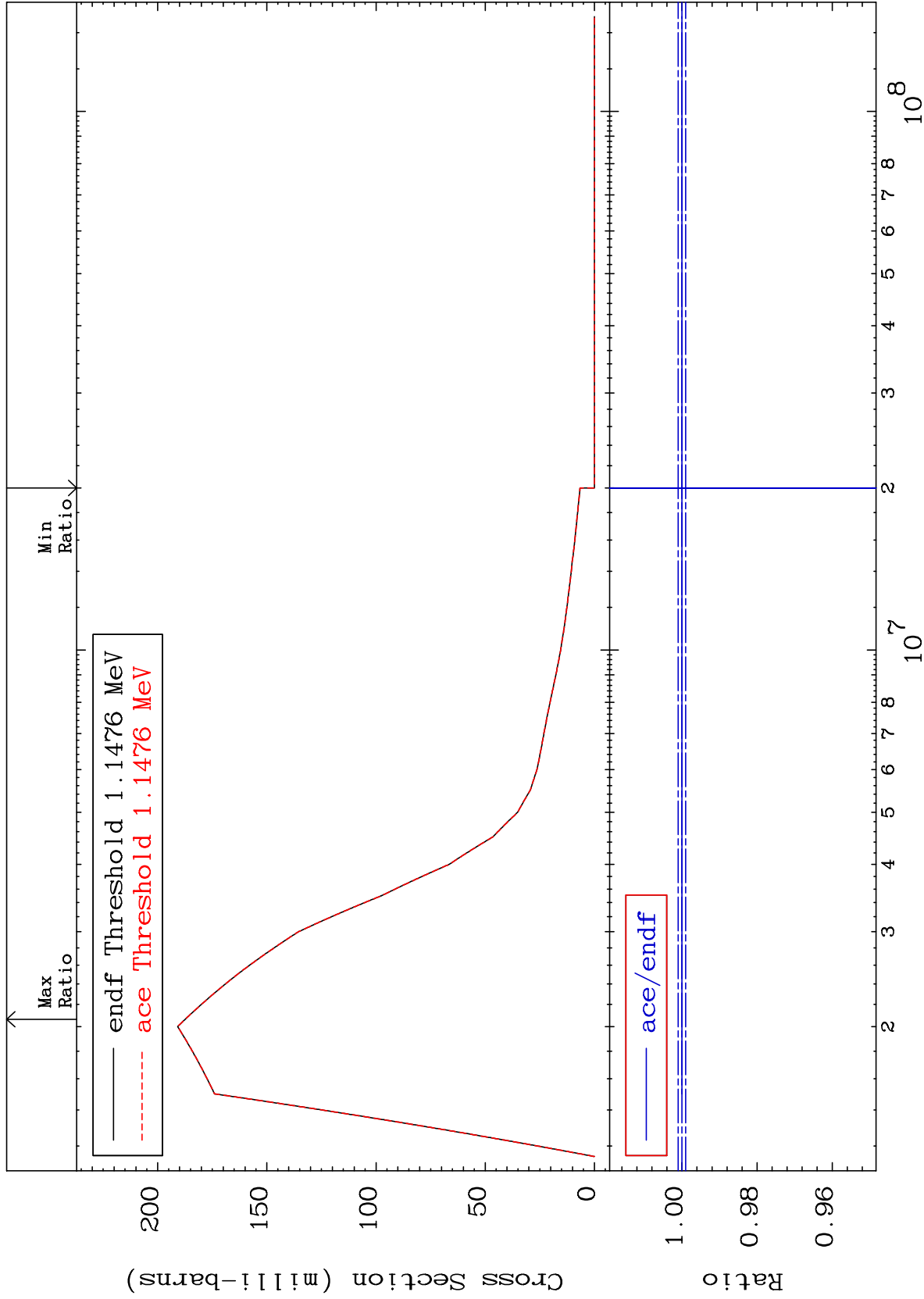
12

42-Mo-100

MAT 4249

1.136 MeV (n,n') Level  
Cross Section

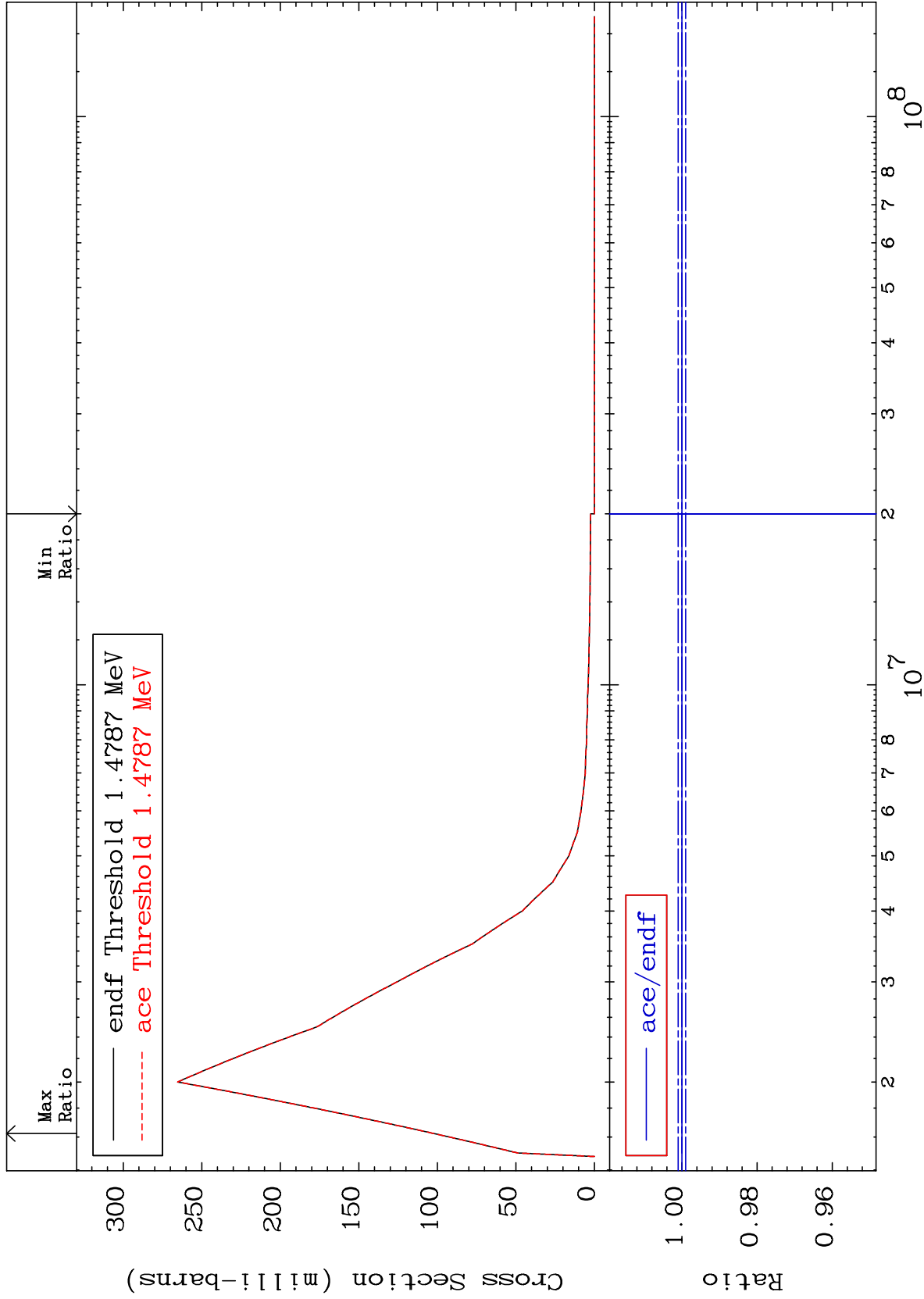
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

1.464 MeV (n,n') Level  
Cross Section

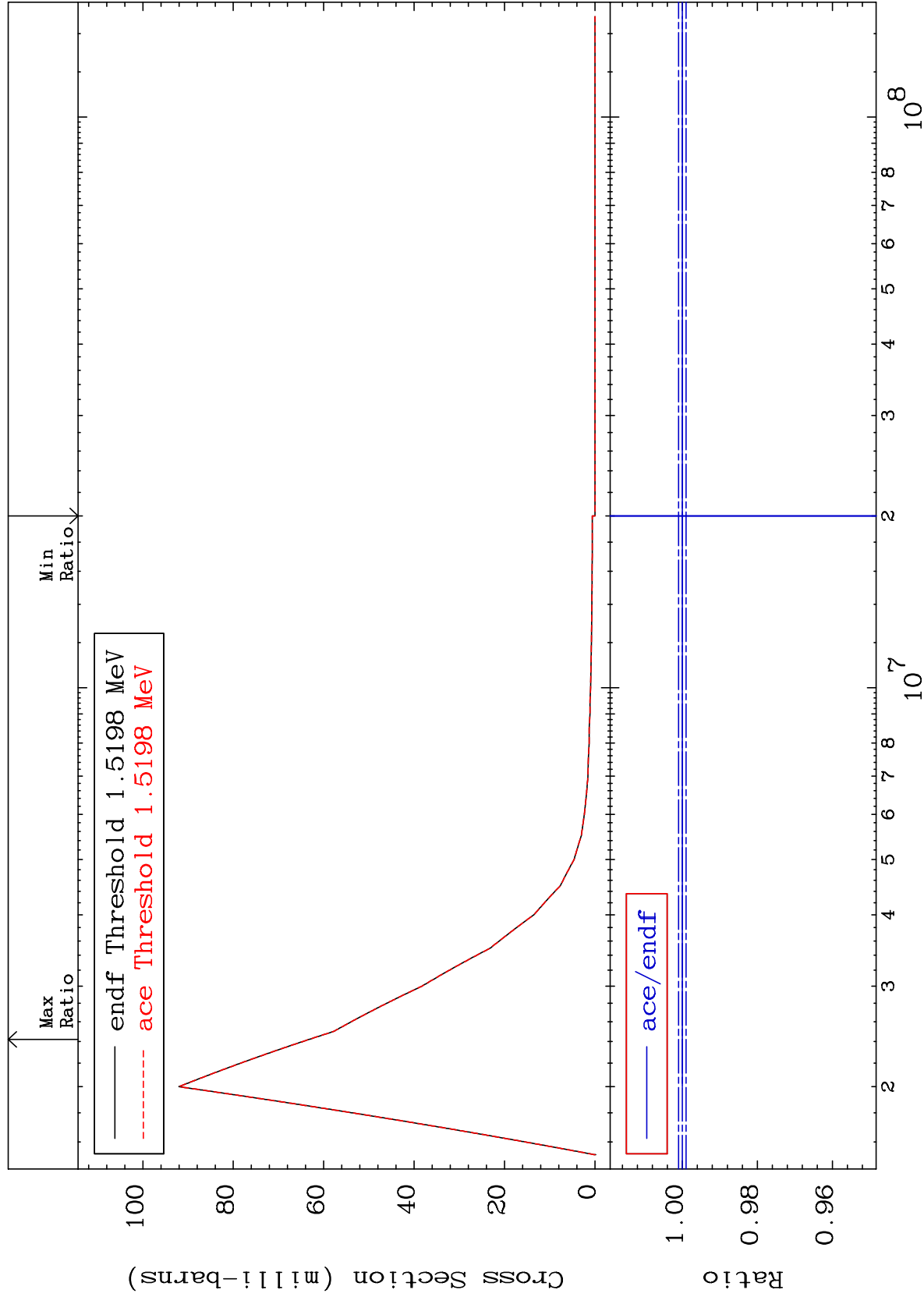
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

1.505 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



15

Incident Energy (eV)

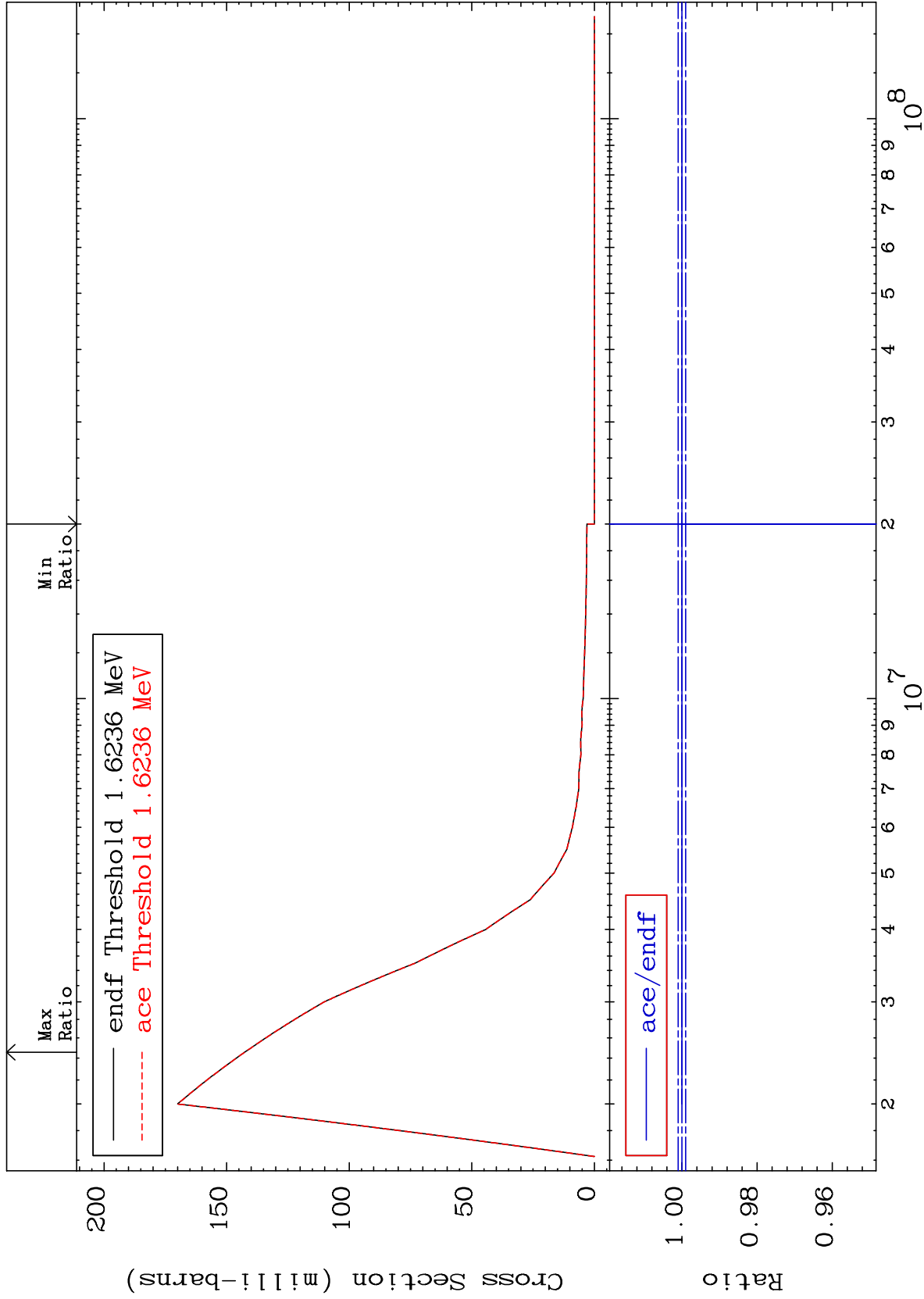
42-Mo-100



MAT 4249

1.607 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



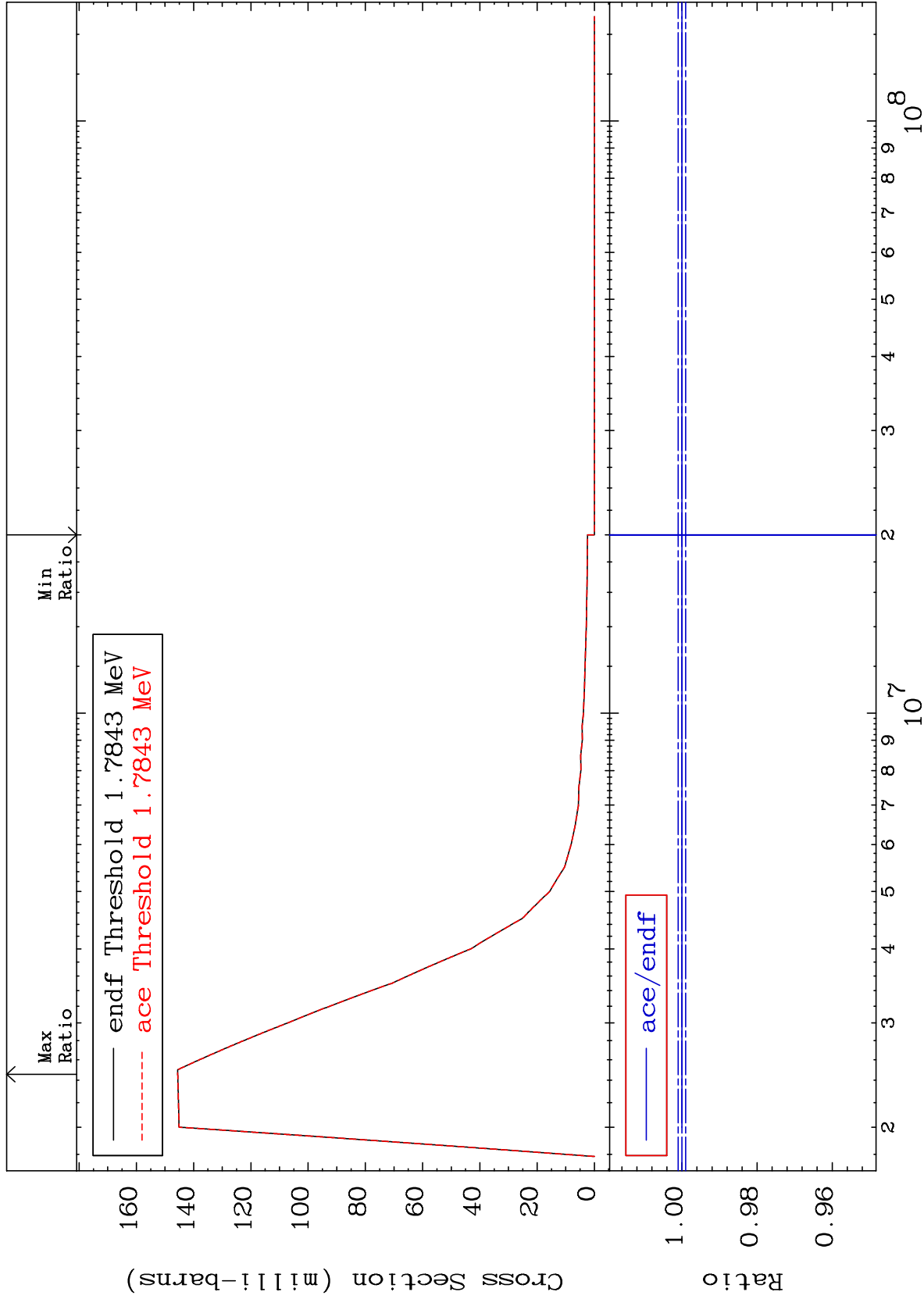
16

42-Mo-100

MAT 4249

1.767 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



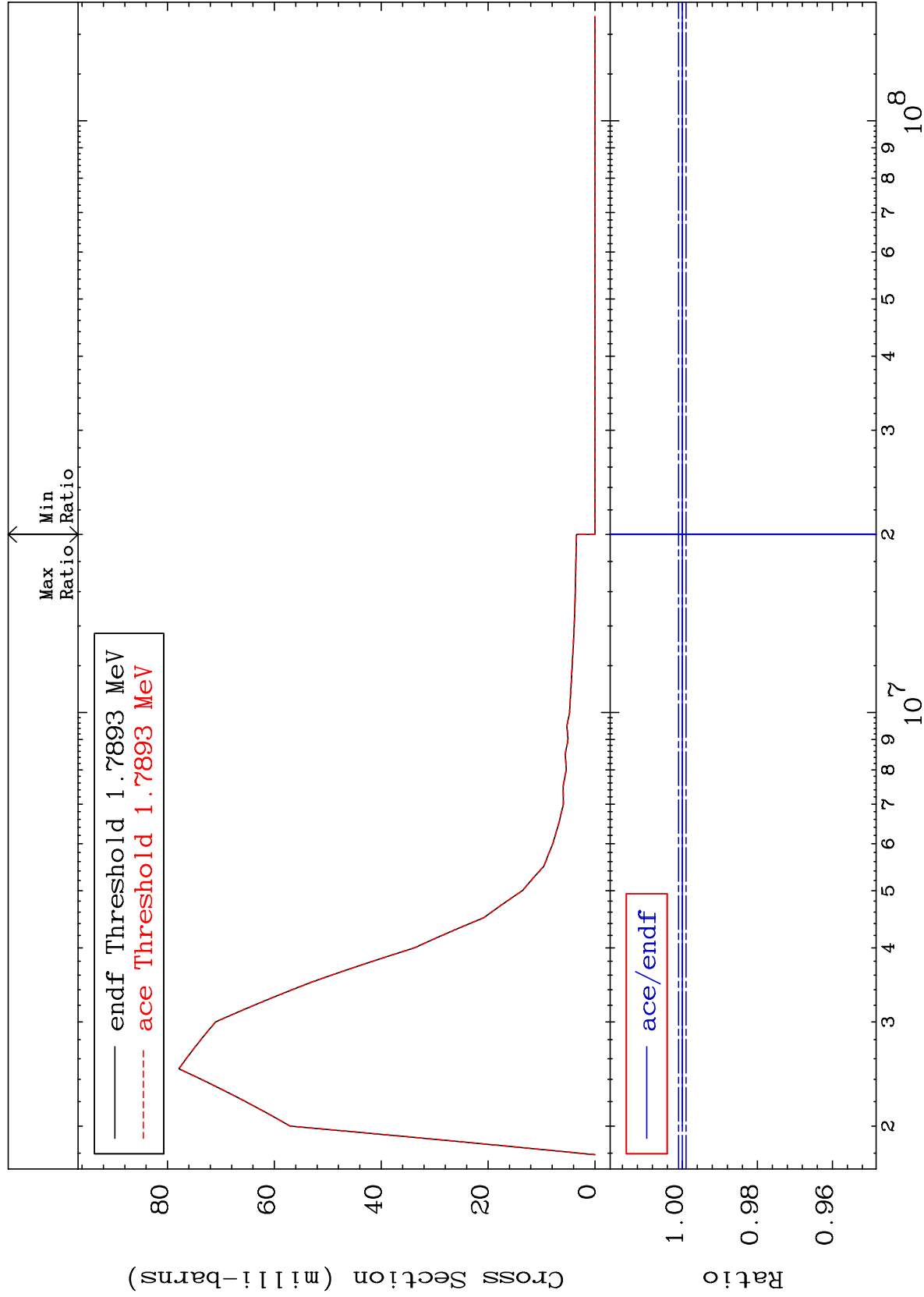
17

42-Mo-100

MAT 4249

1.771 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



18

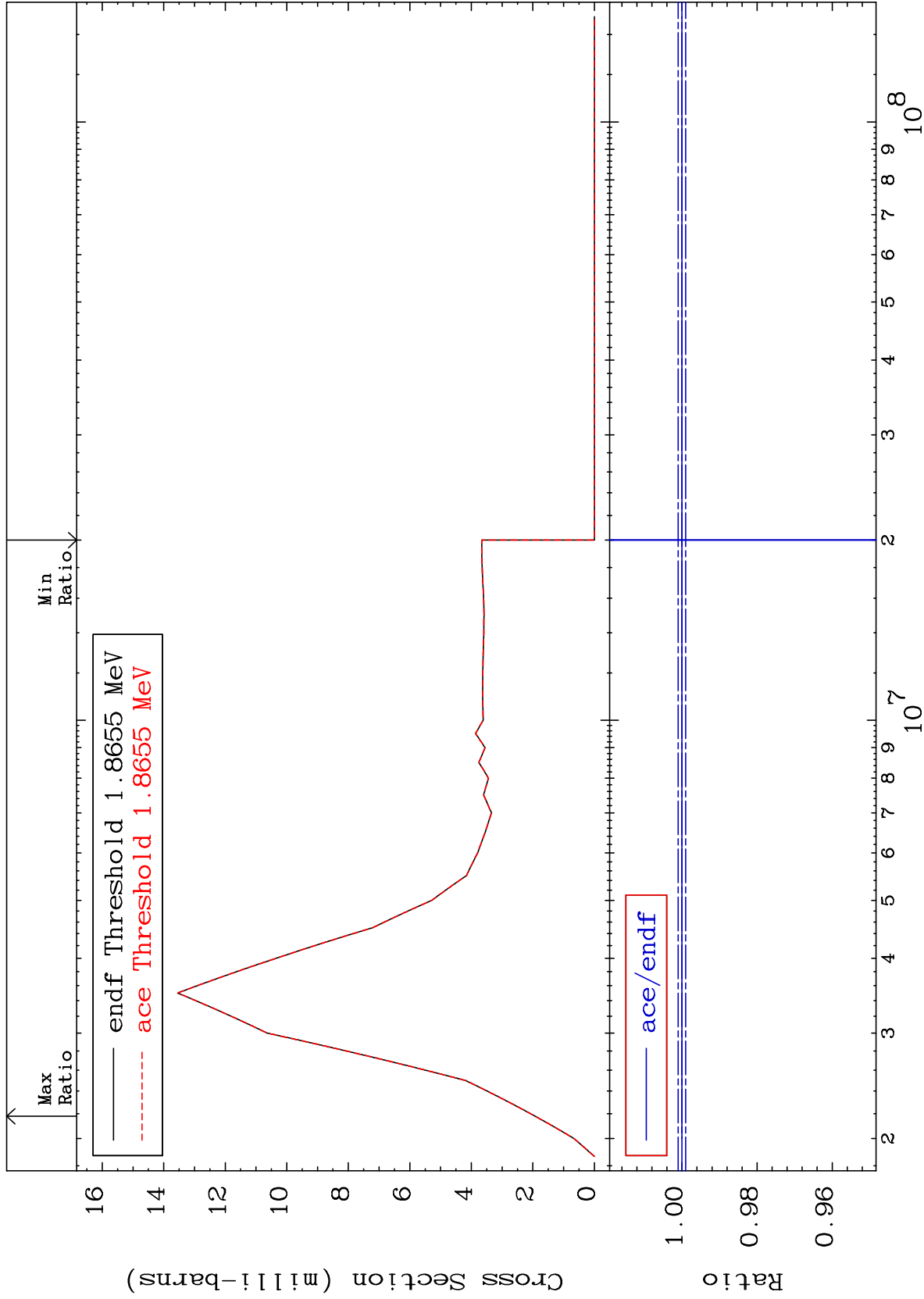
Incident Energy (eV)

42-Mo-100

MAT 4249

1.847 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



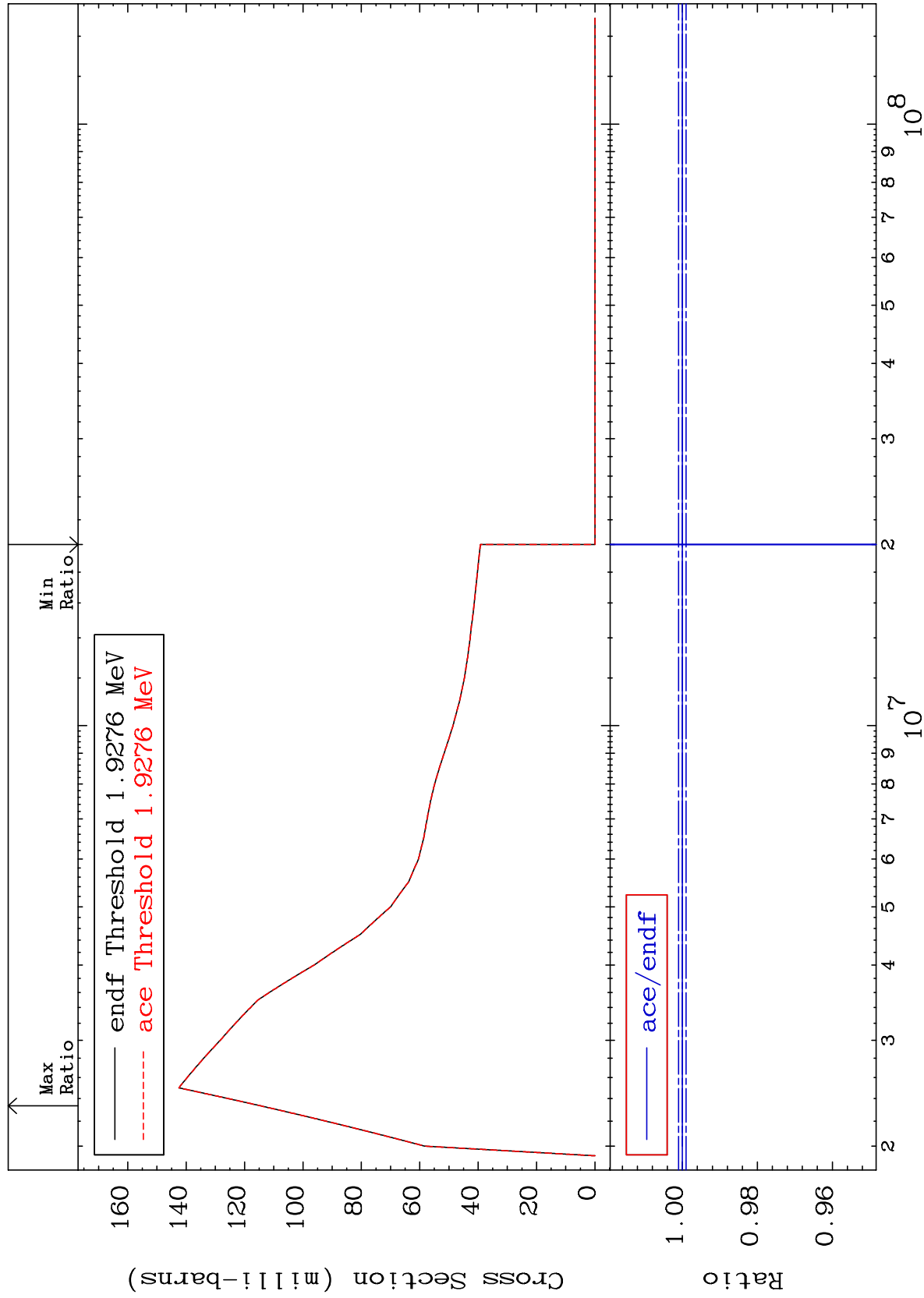
19

42-Mo-100

MAT 4249

1.908 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



20

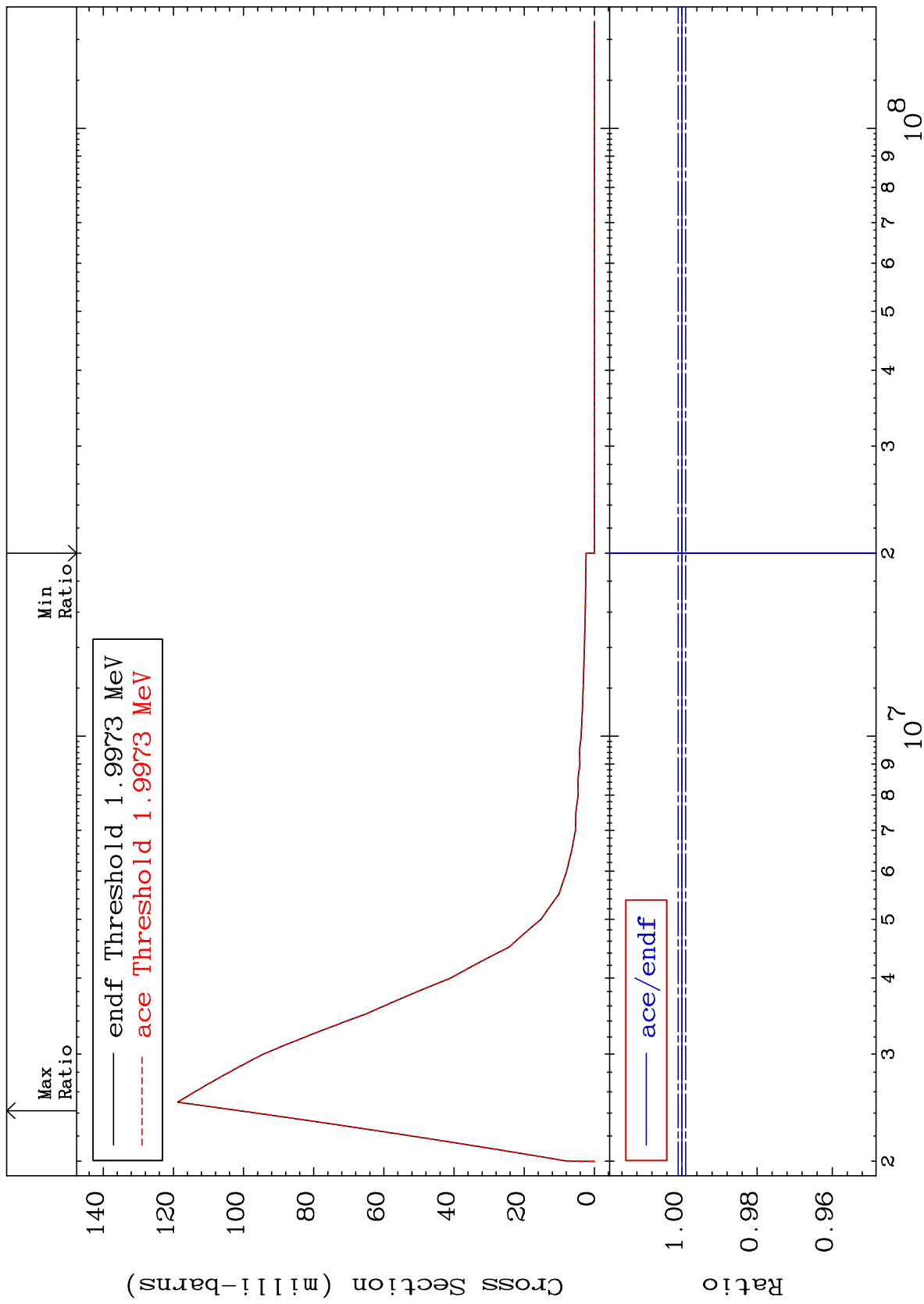
Incident Energy (eV)

42-Mo-100

MAT 4249

1.977 MeV (n,n') Level  
Cross Section

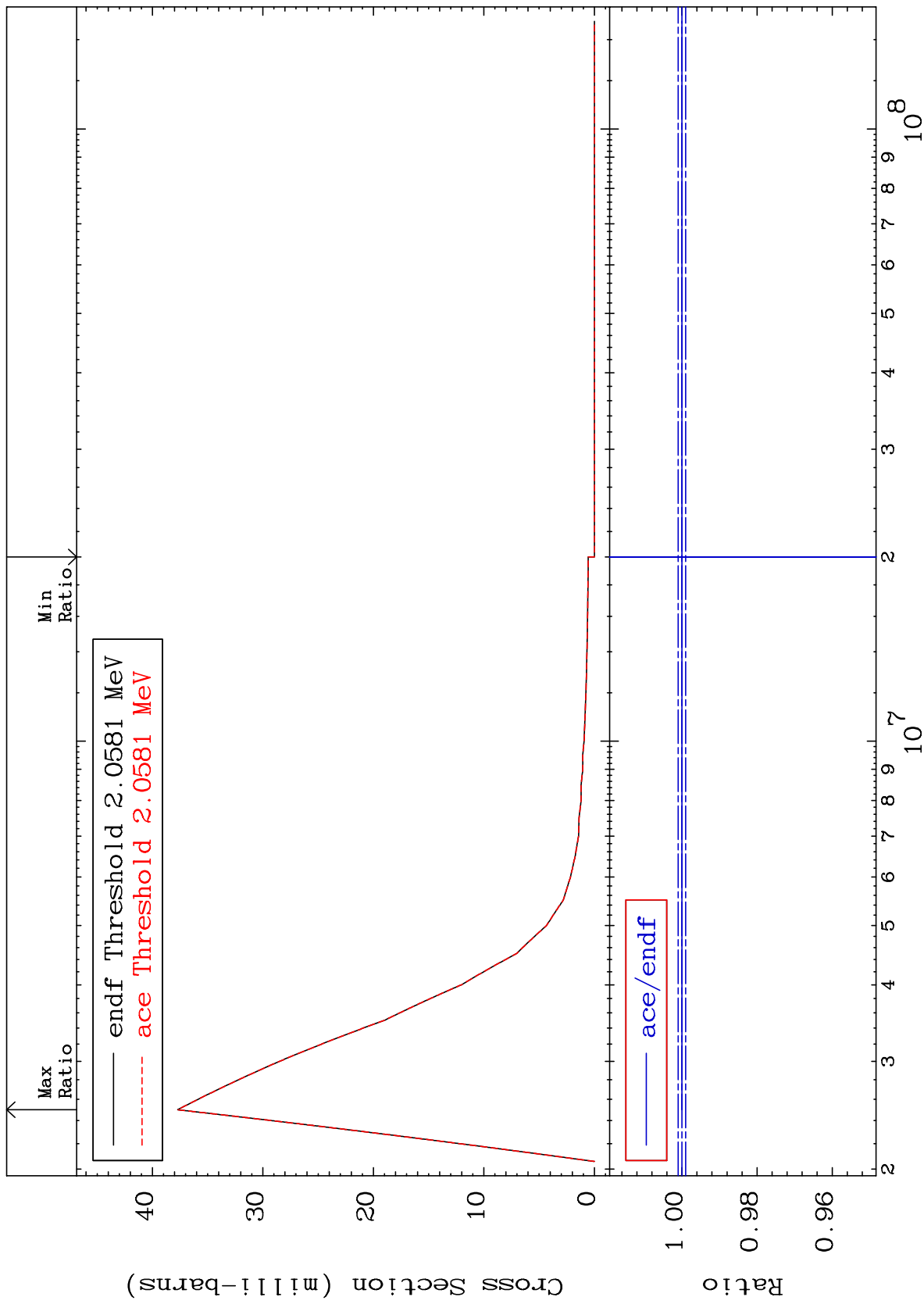
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

2.037 MeV (n,n') Level  
Cross Section

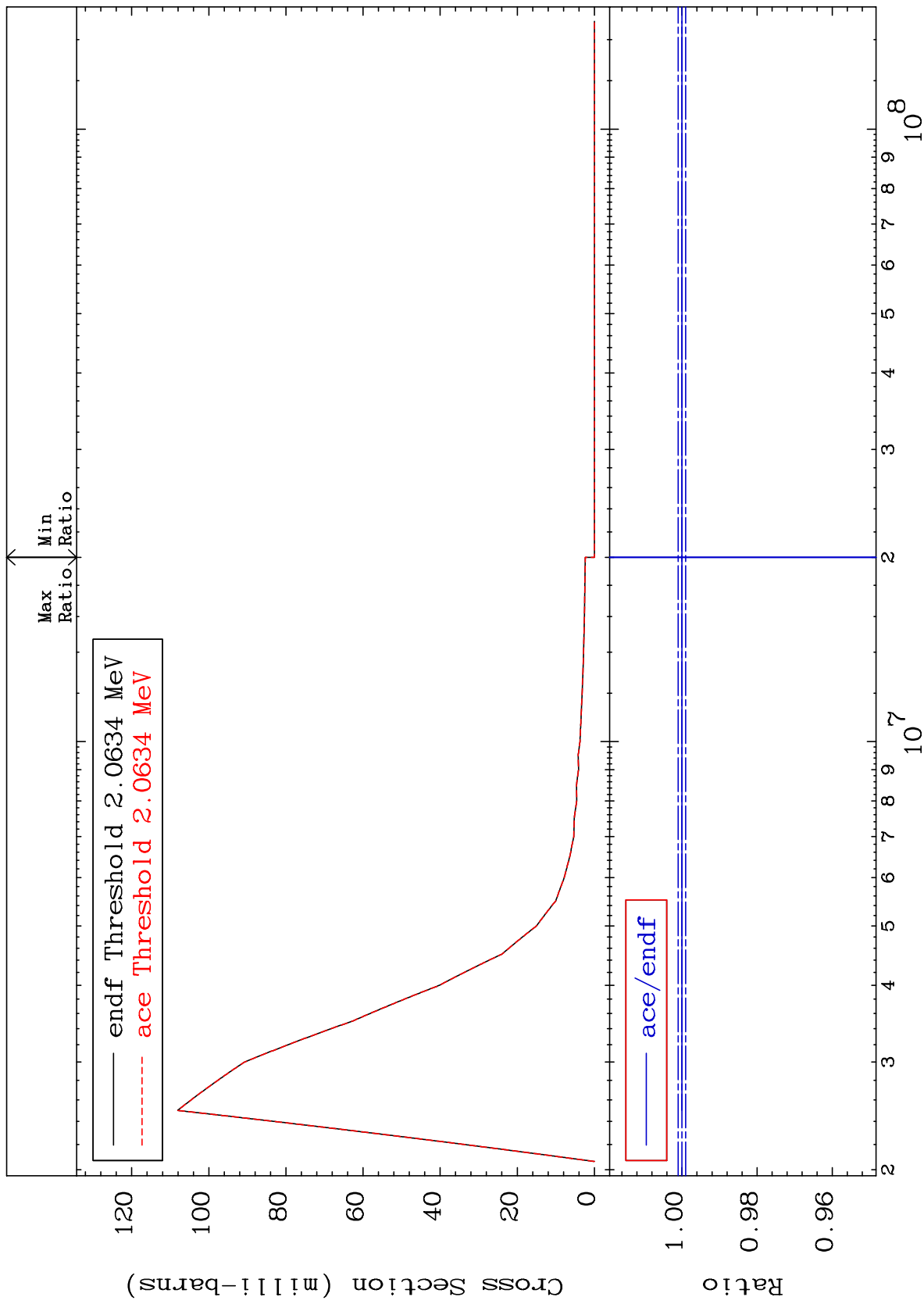
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

2.043 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %

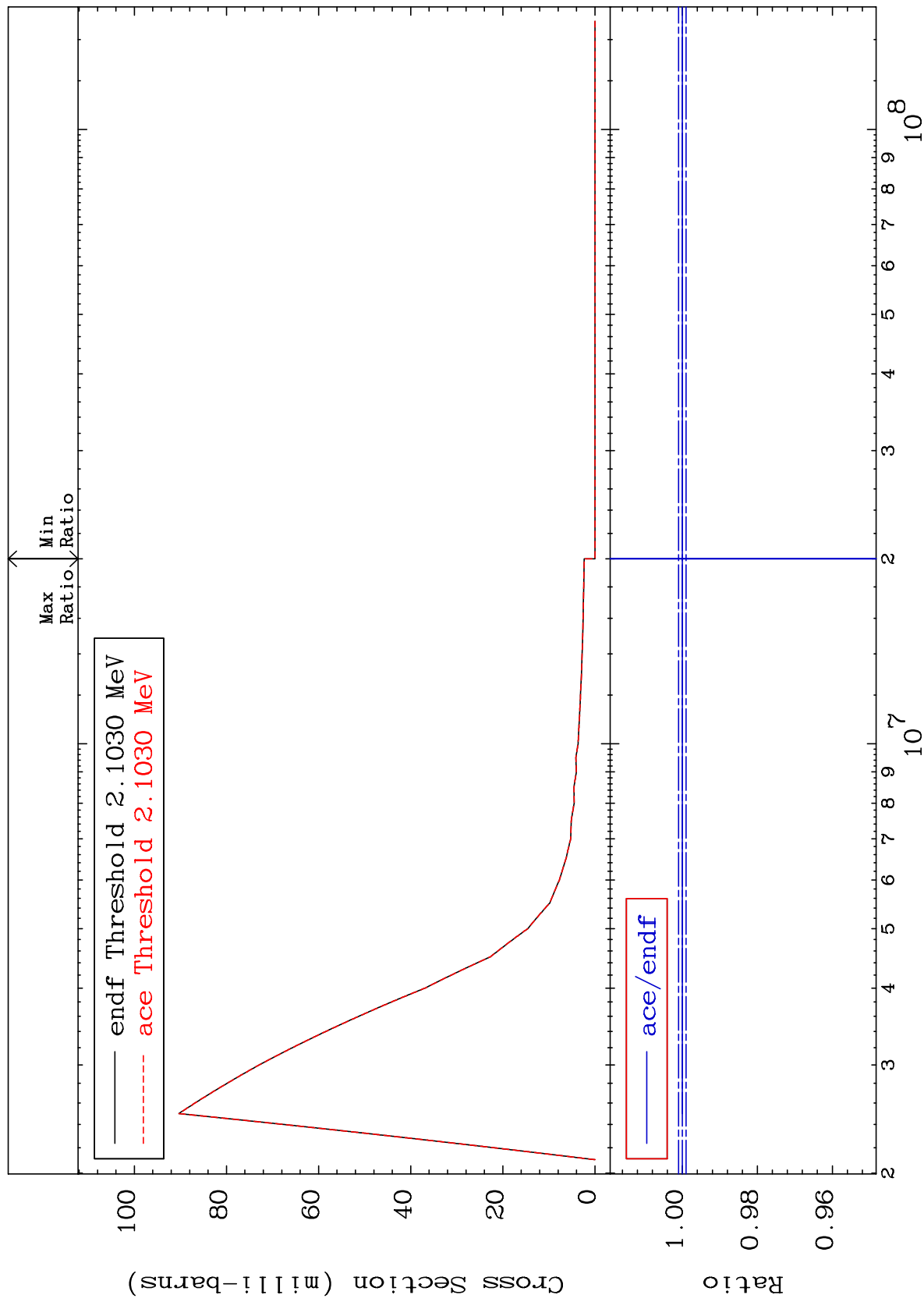




MAT 4249

2.082 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



24

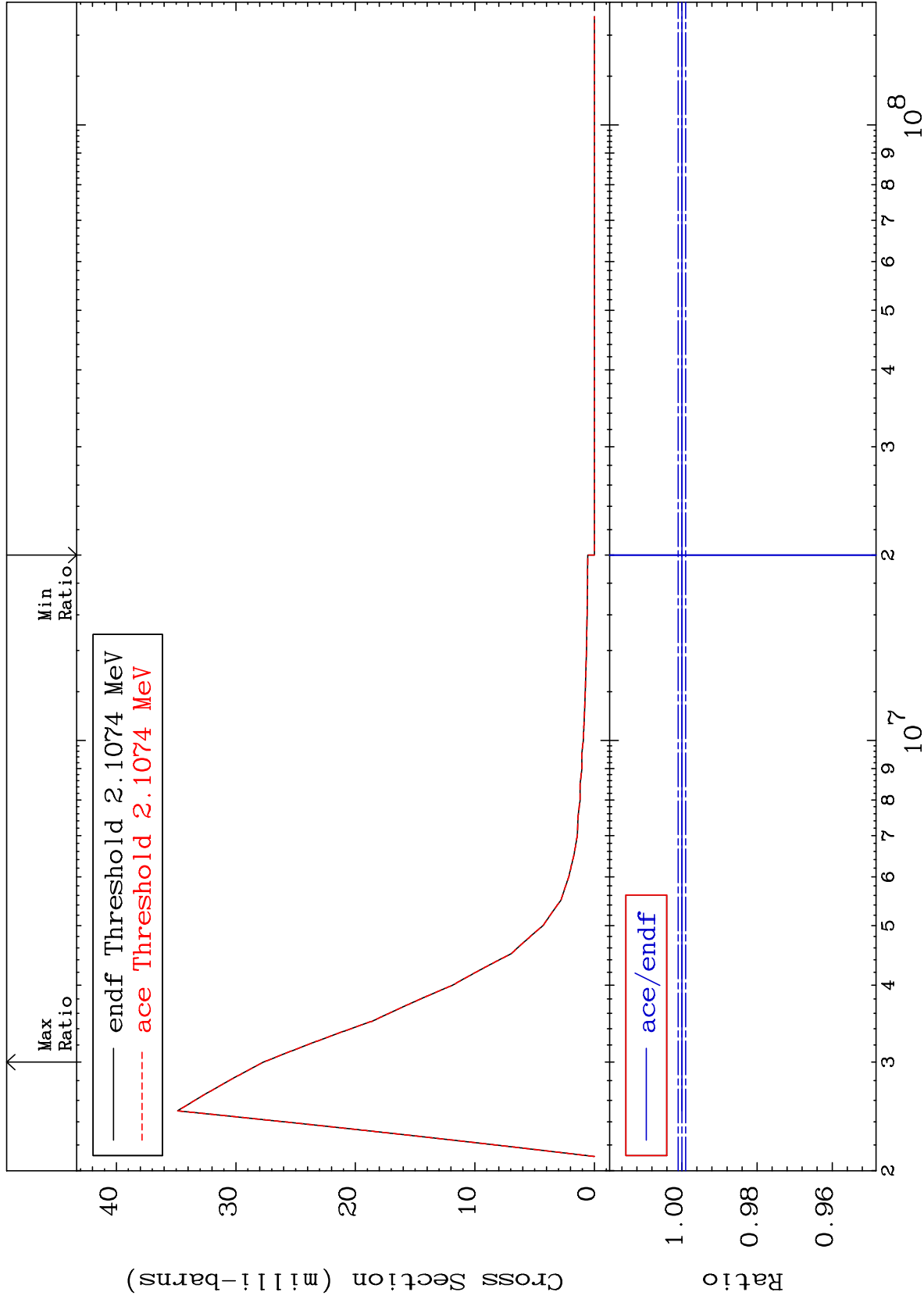
Incident Energy (eV)

42-Mo-100

MAT 4249

2.086 MeV (n,n') Level  
Cross Section

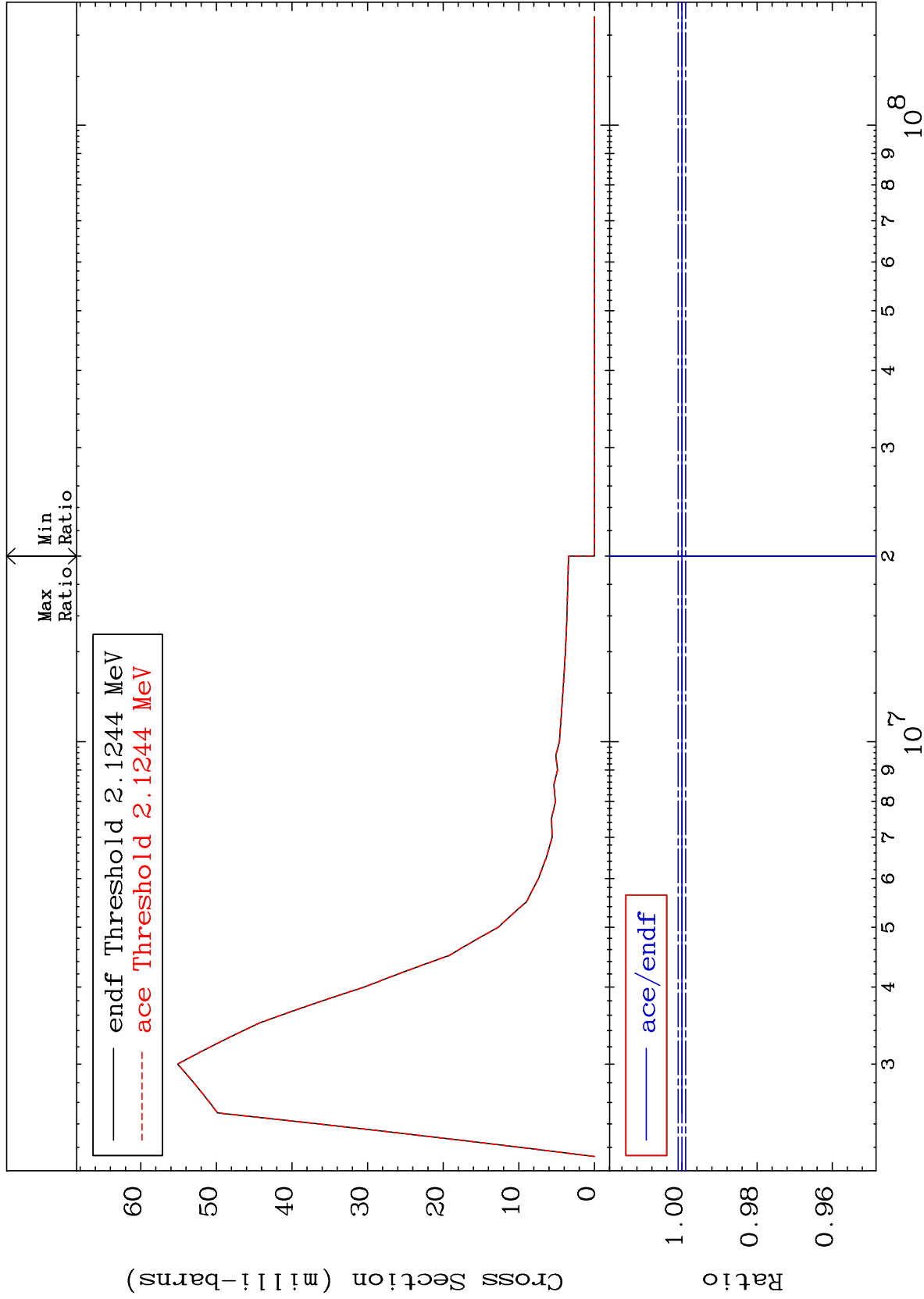
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

2.103 MeV (n,n') Level  
Cross Section

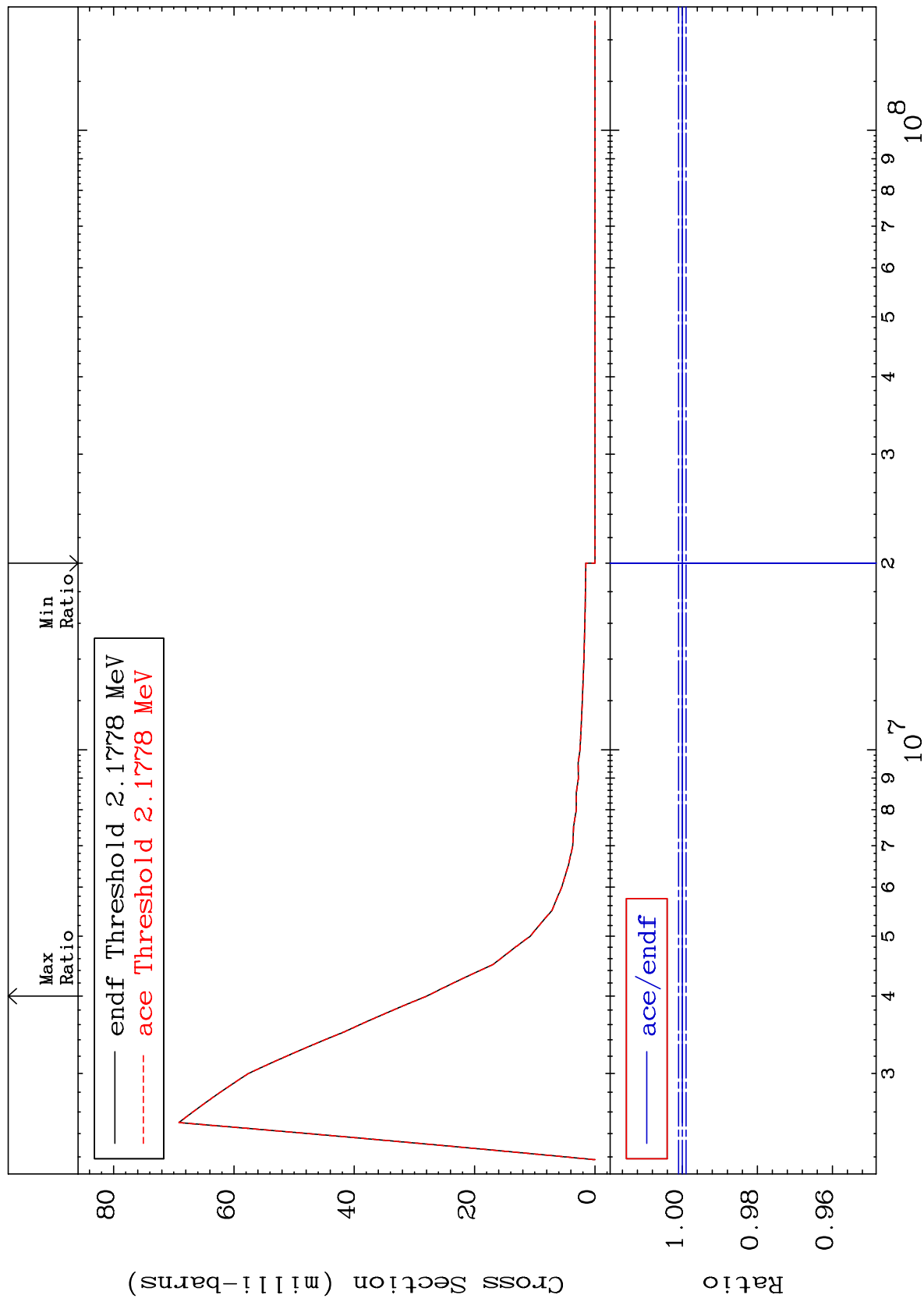
42-Mo-100  
-50.00 To 0.000 %



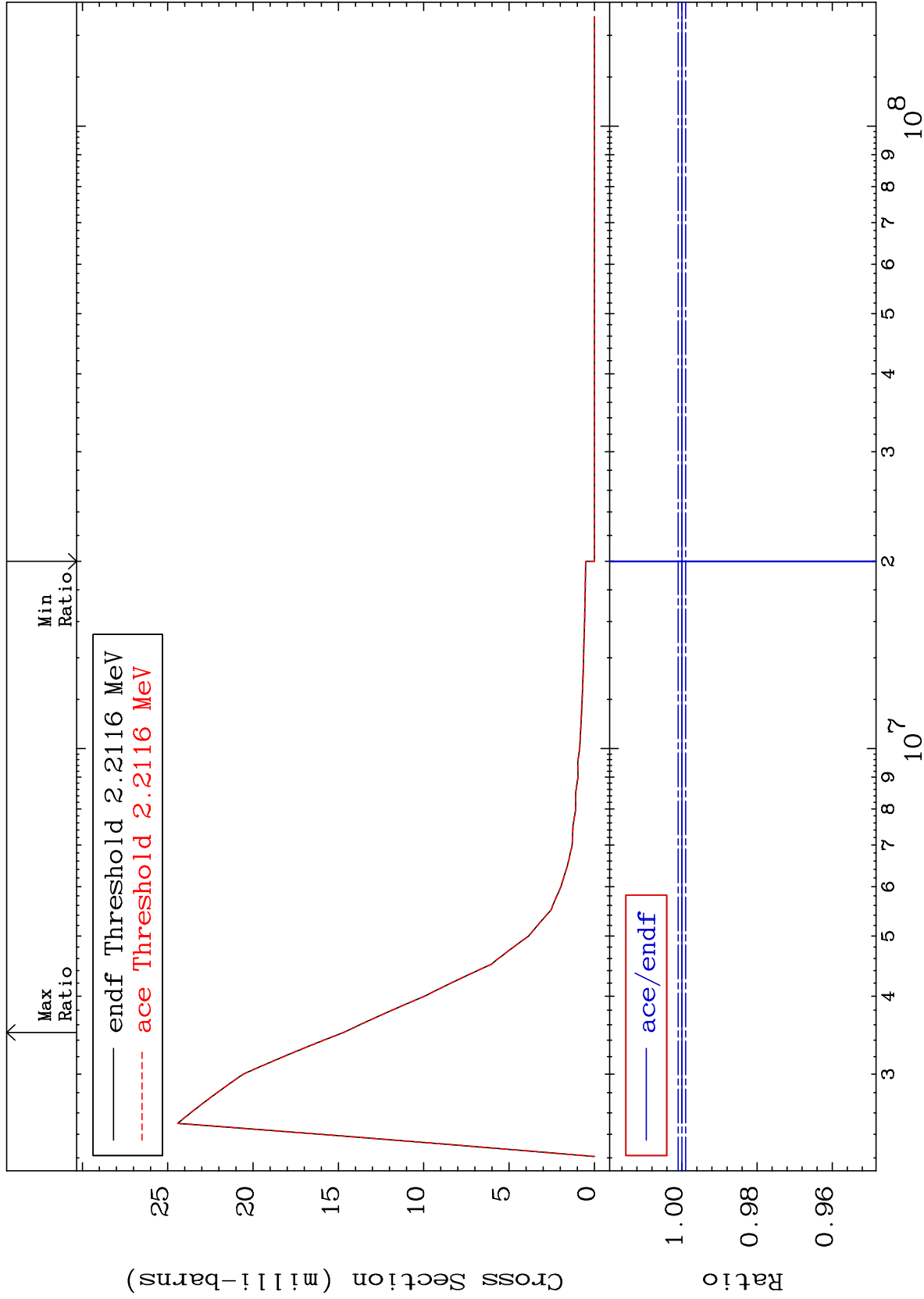
MAT 4249

2.156 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



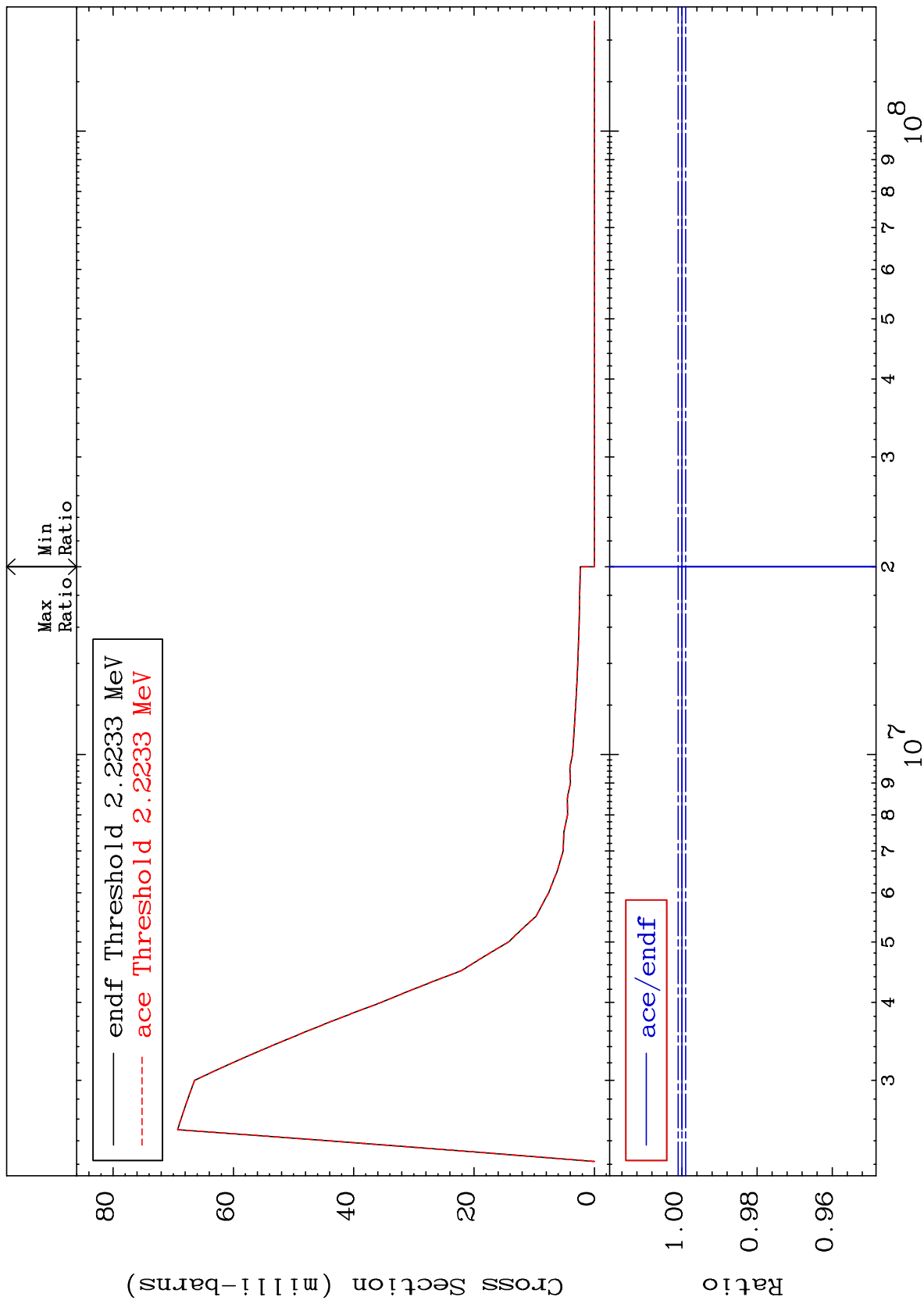
MAT 4249      2.190 MeV (n,n') Level      42-Mo-100  
 Cross Section      -50.00 To 0.000 %



MAT 4249

2.201 MeV (n,n') Level  
Cross Section

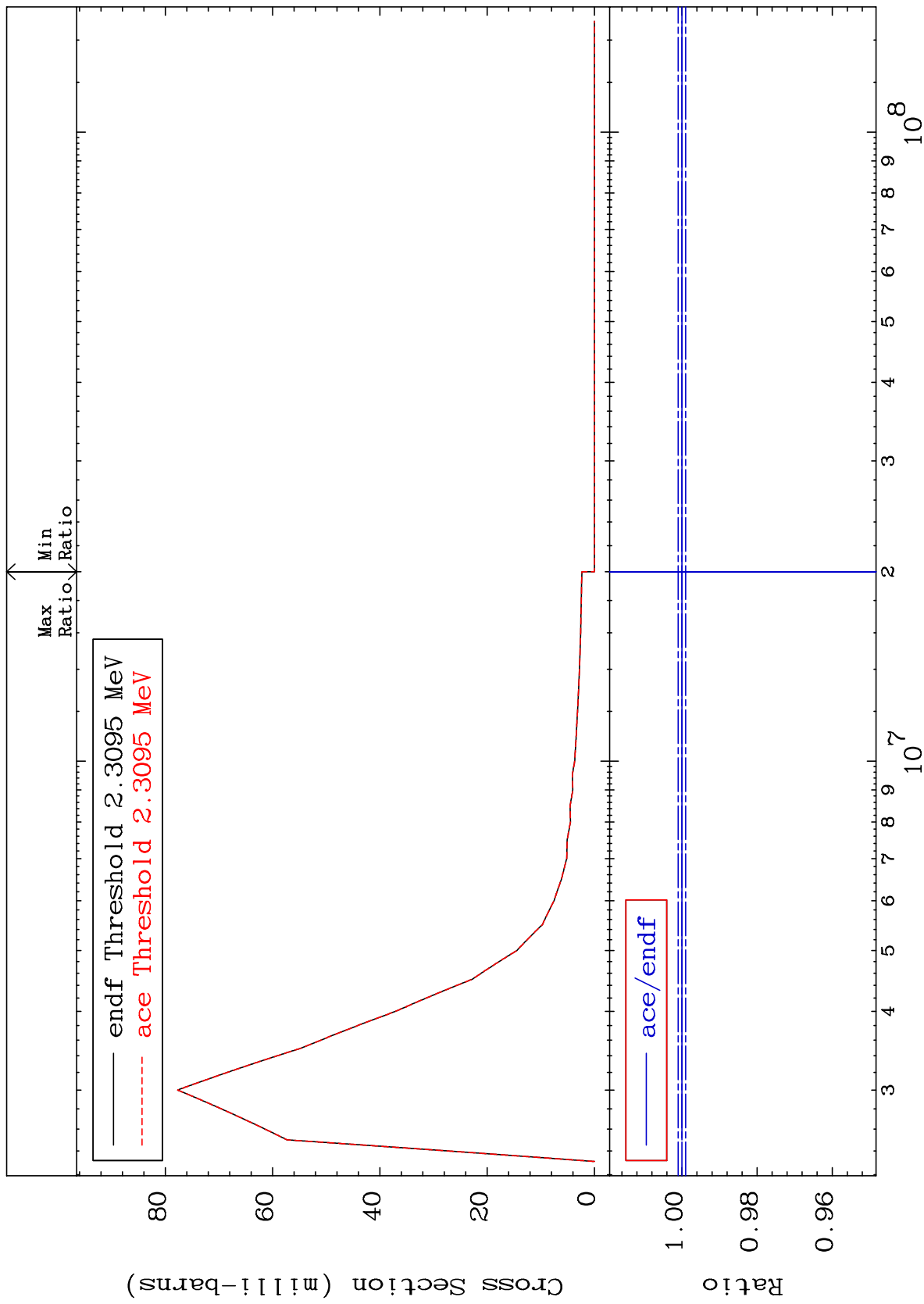
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

2.286 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



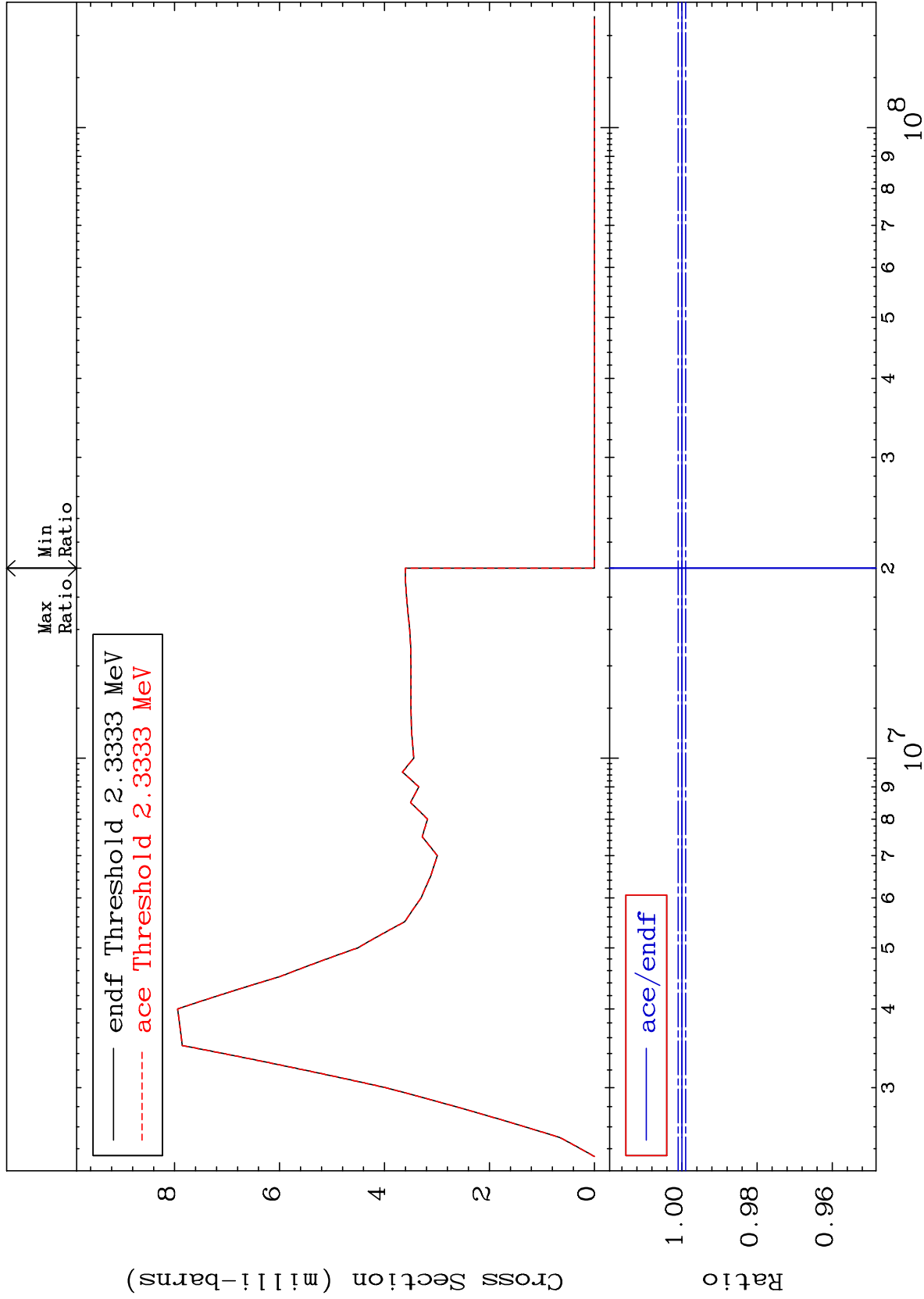
30

42-Mo-100

MAT 4249

2.310 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %

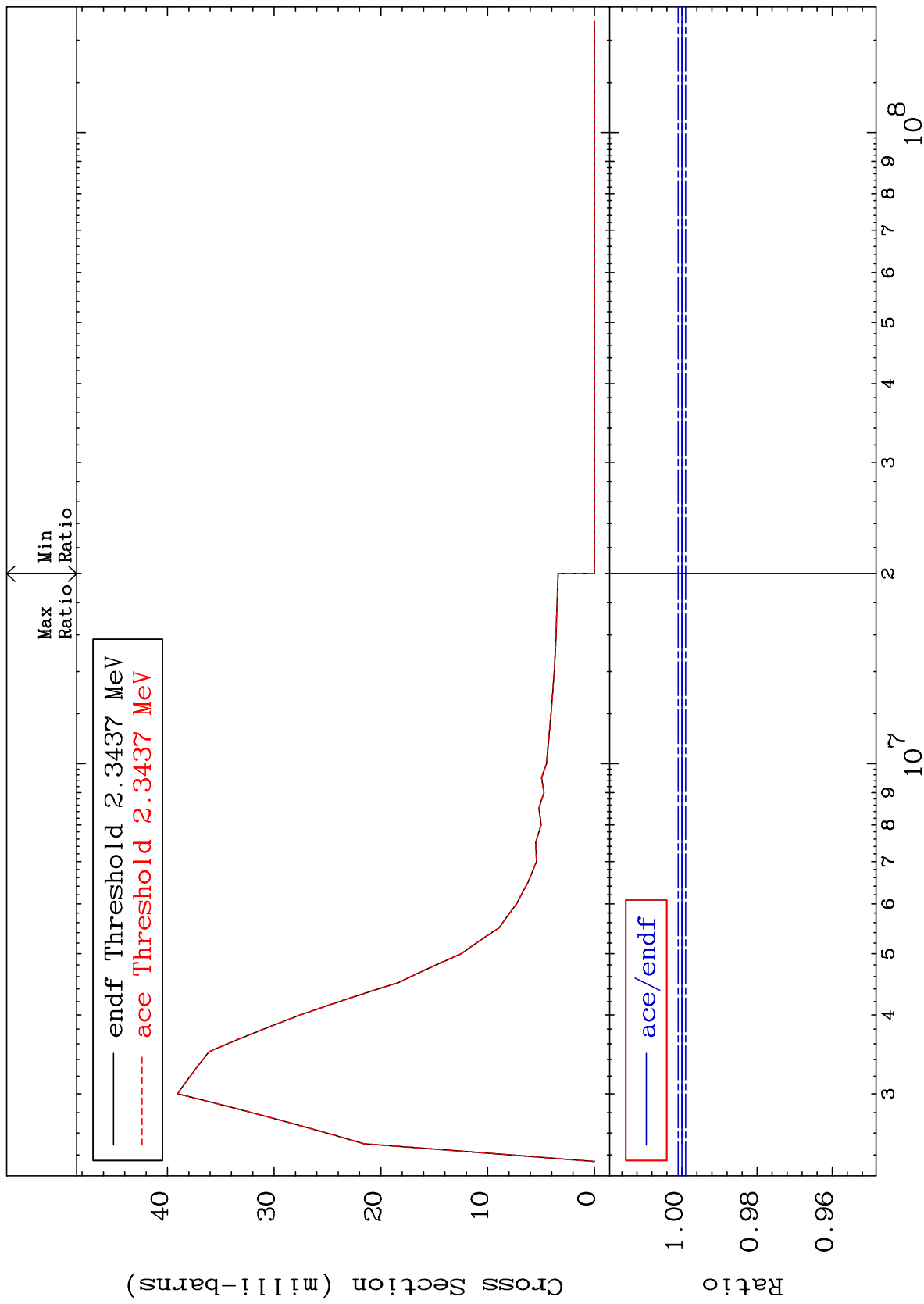




MAT 4249

2.320 MeV (n,n') Level  
Cross Section

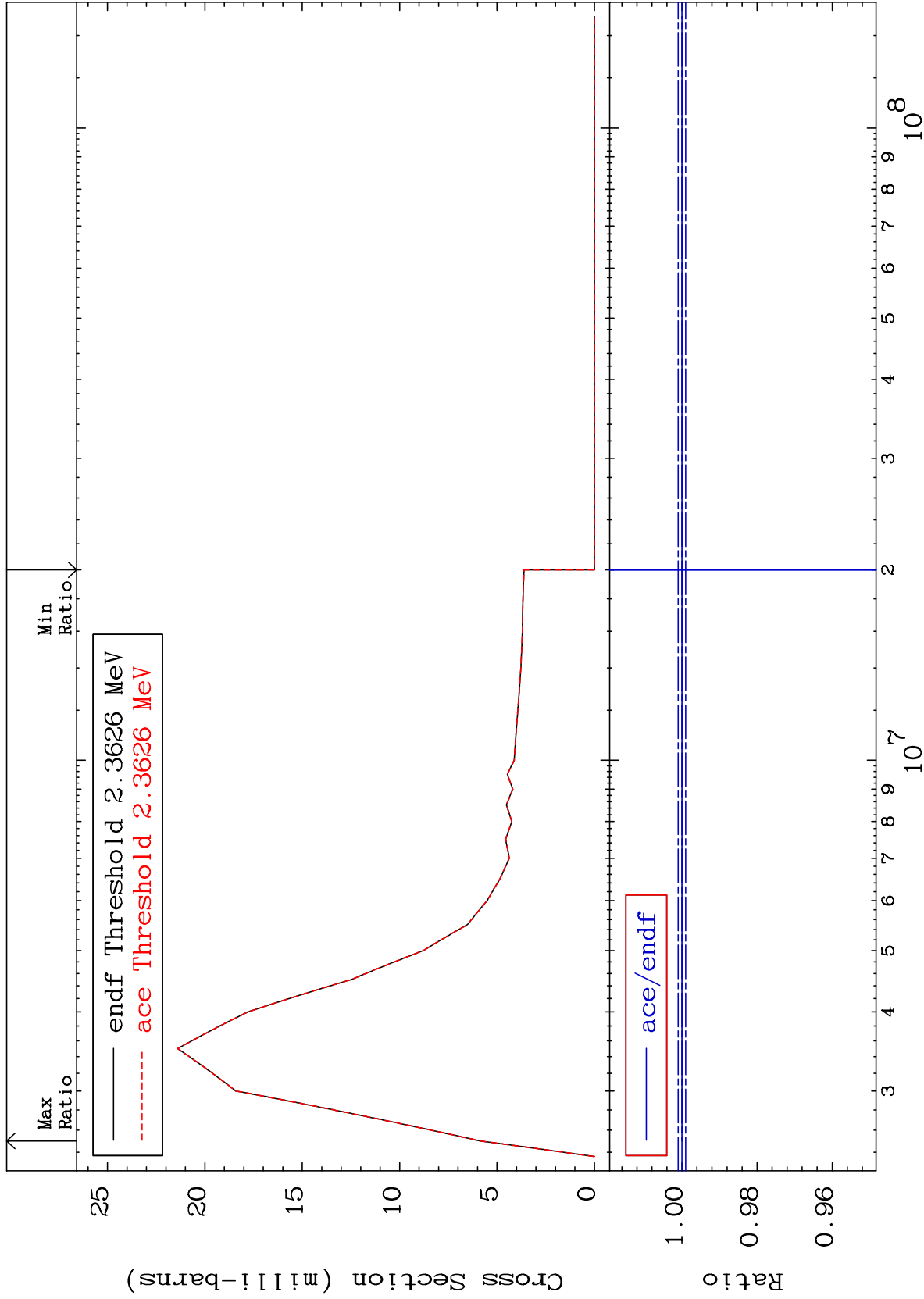
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

2.339 MeV (n,n') Level  
Cross Section

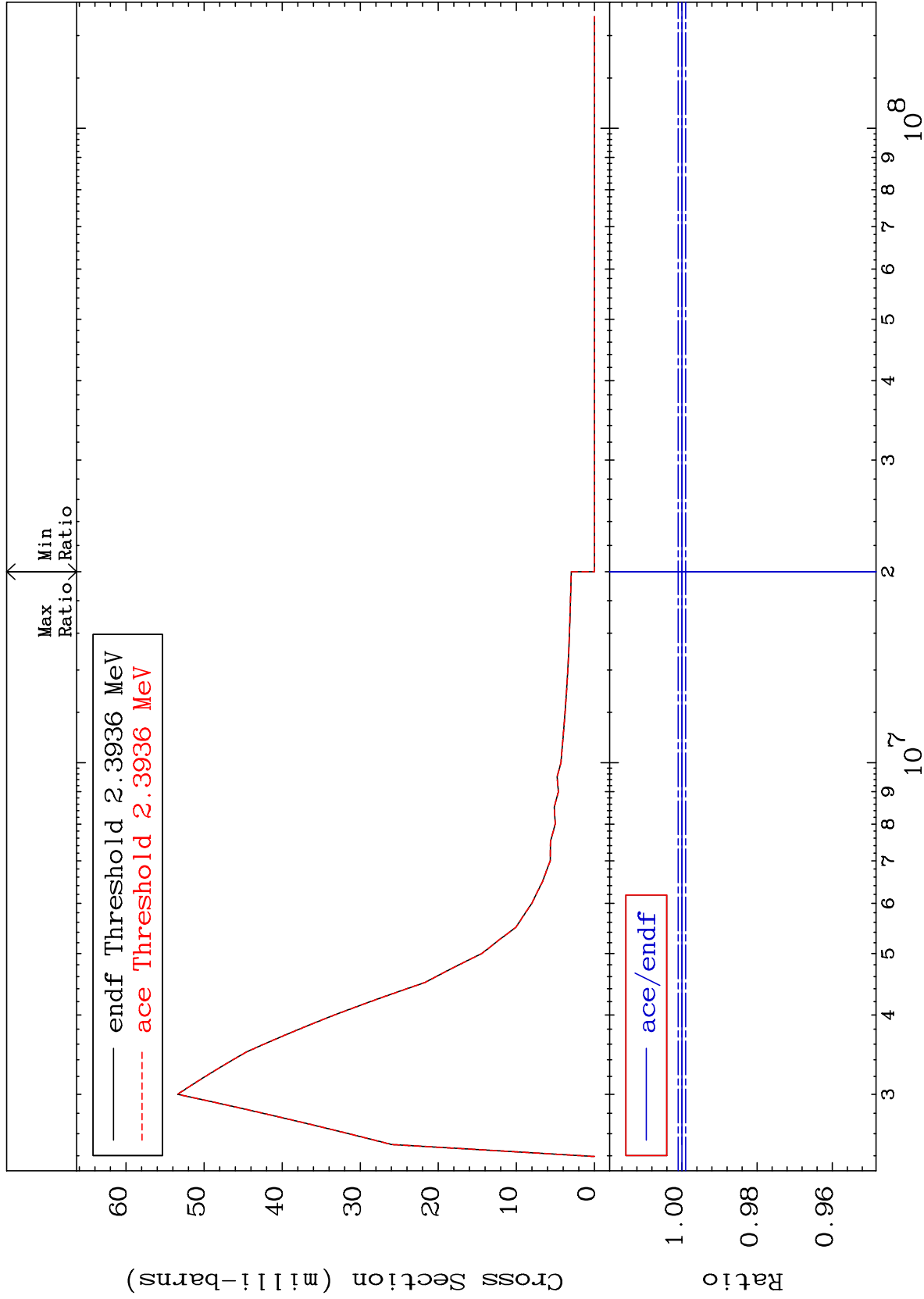
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

2.370 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



34

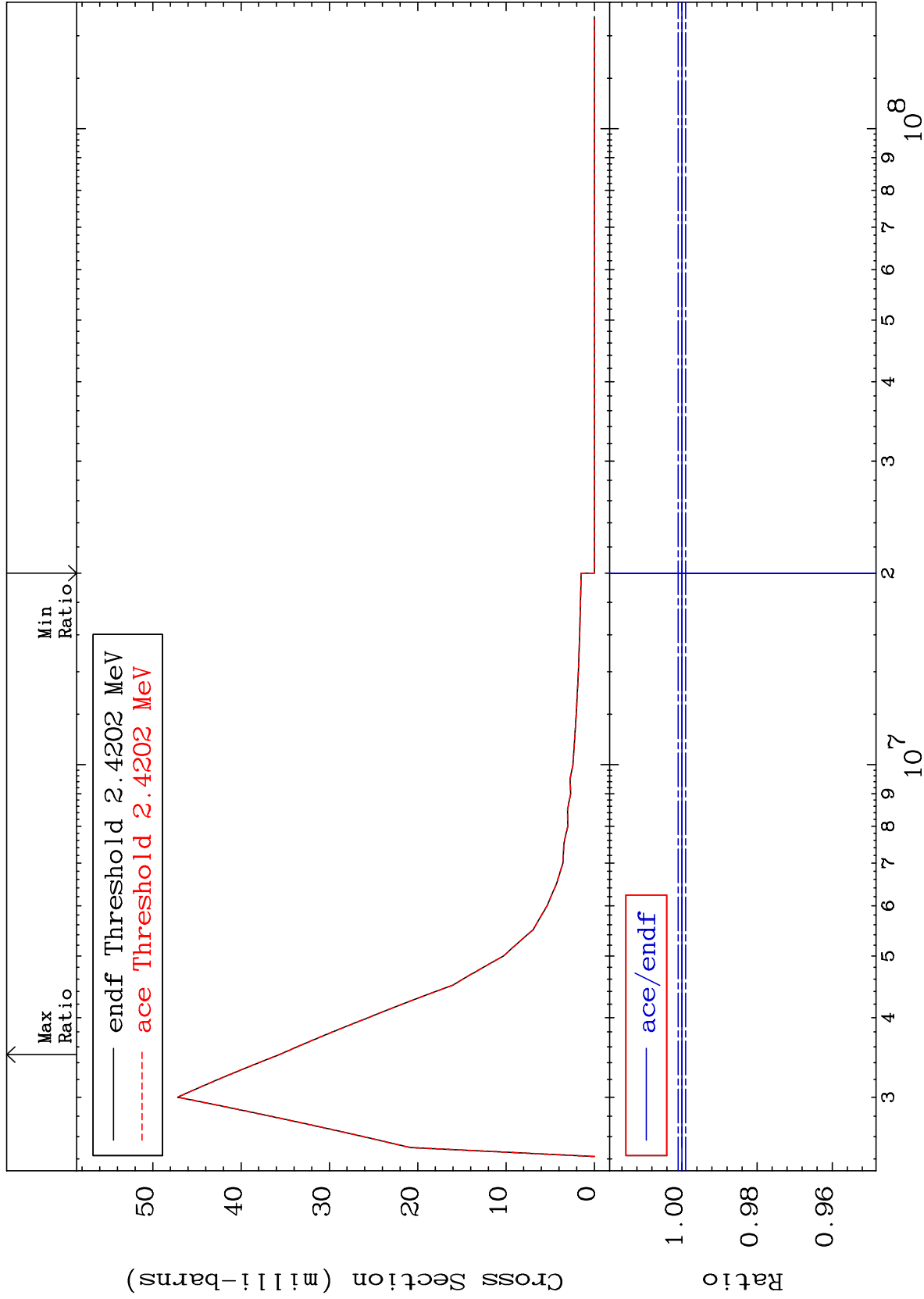
Incident Energy (eV)

42-Mo-100

MAT 4249

2.396 MeV (n,n') Level  
Cross Section

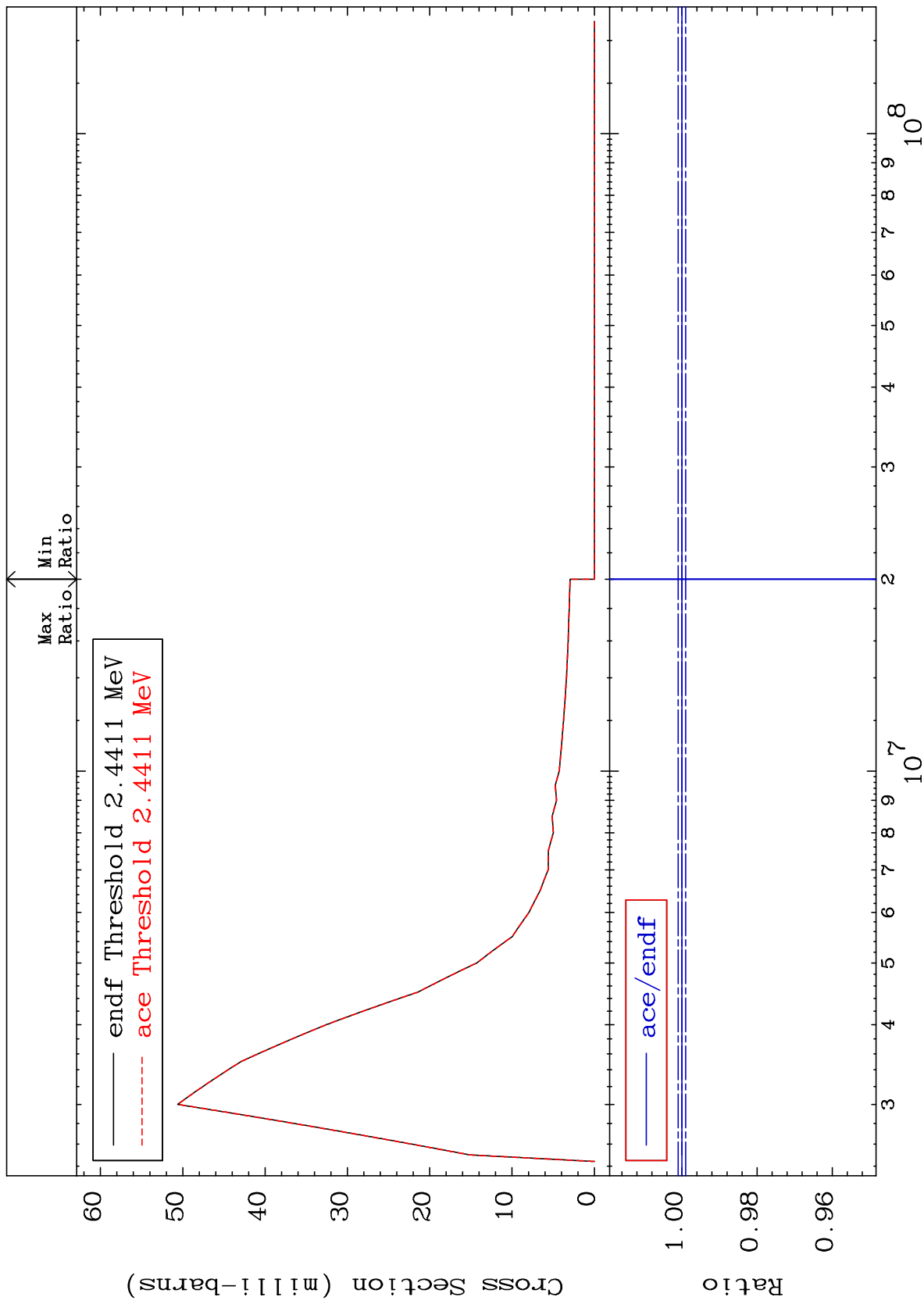
42-Mo-100  
-50.00 To 0.000 %



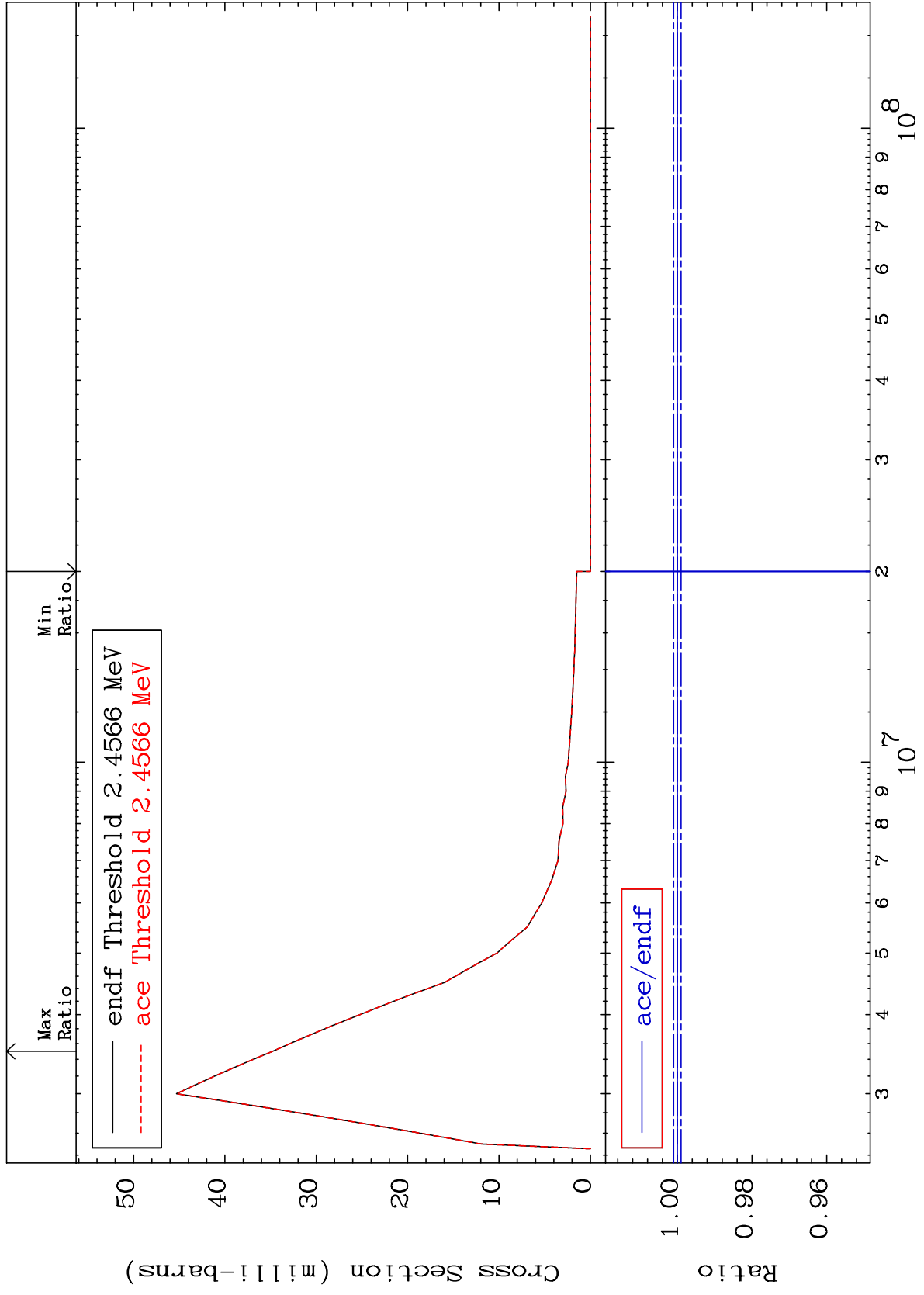
MAT 4249

2.417 MeV (n,n') Level  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



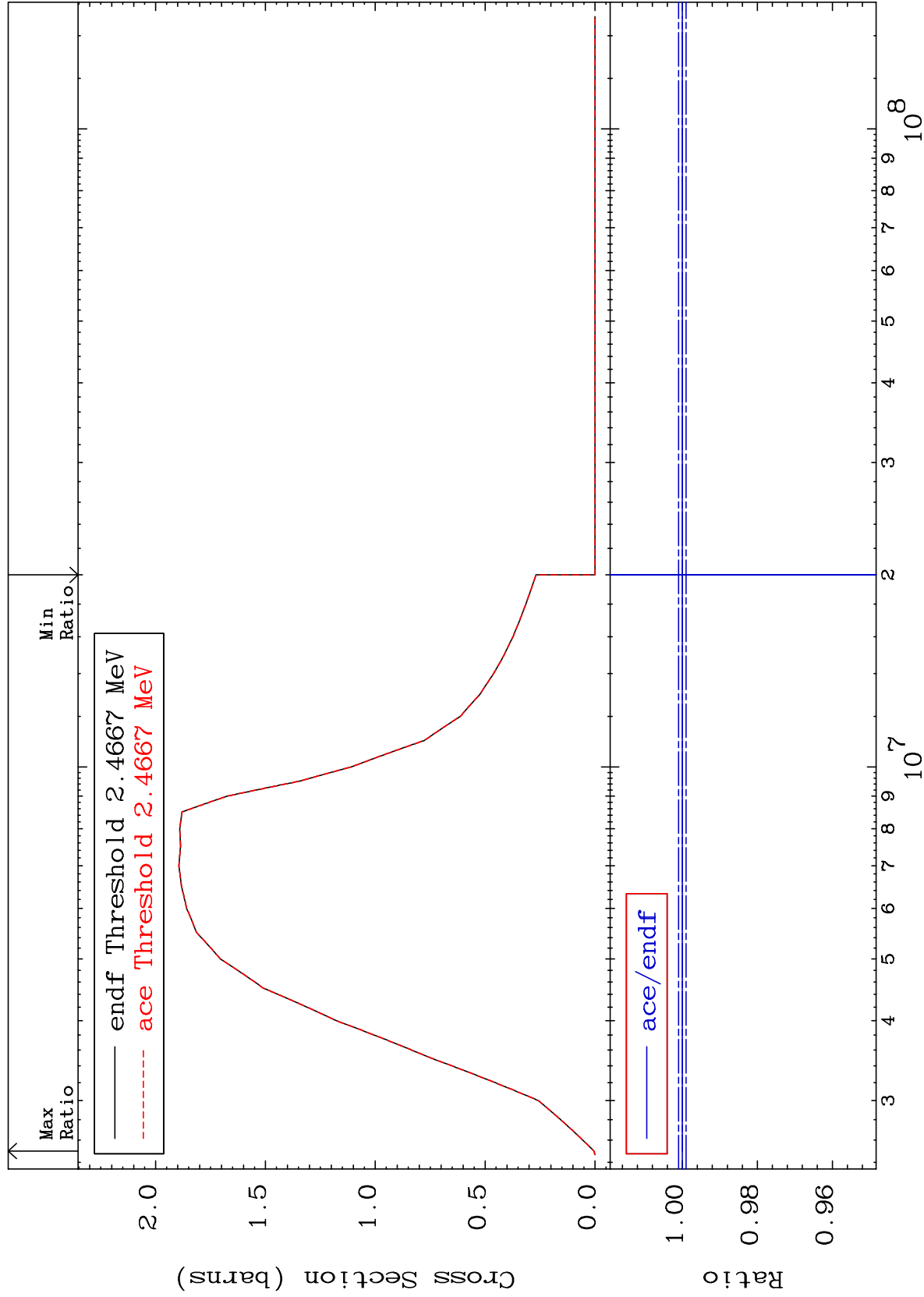
MAT 4249      2.432 MeV (n,n') Level      42-Mo-100  
 Cross Section      -50.00 To 0.000 %



MAT 4249

(n,n') Continuum  
Cross Section

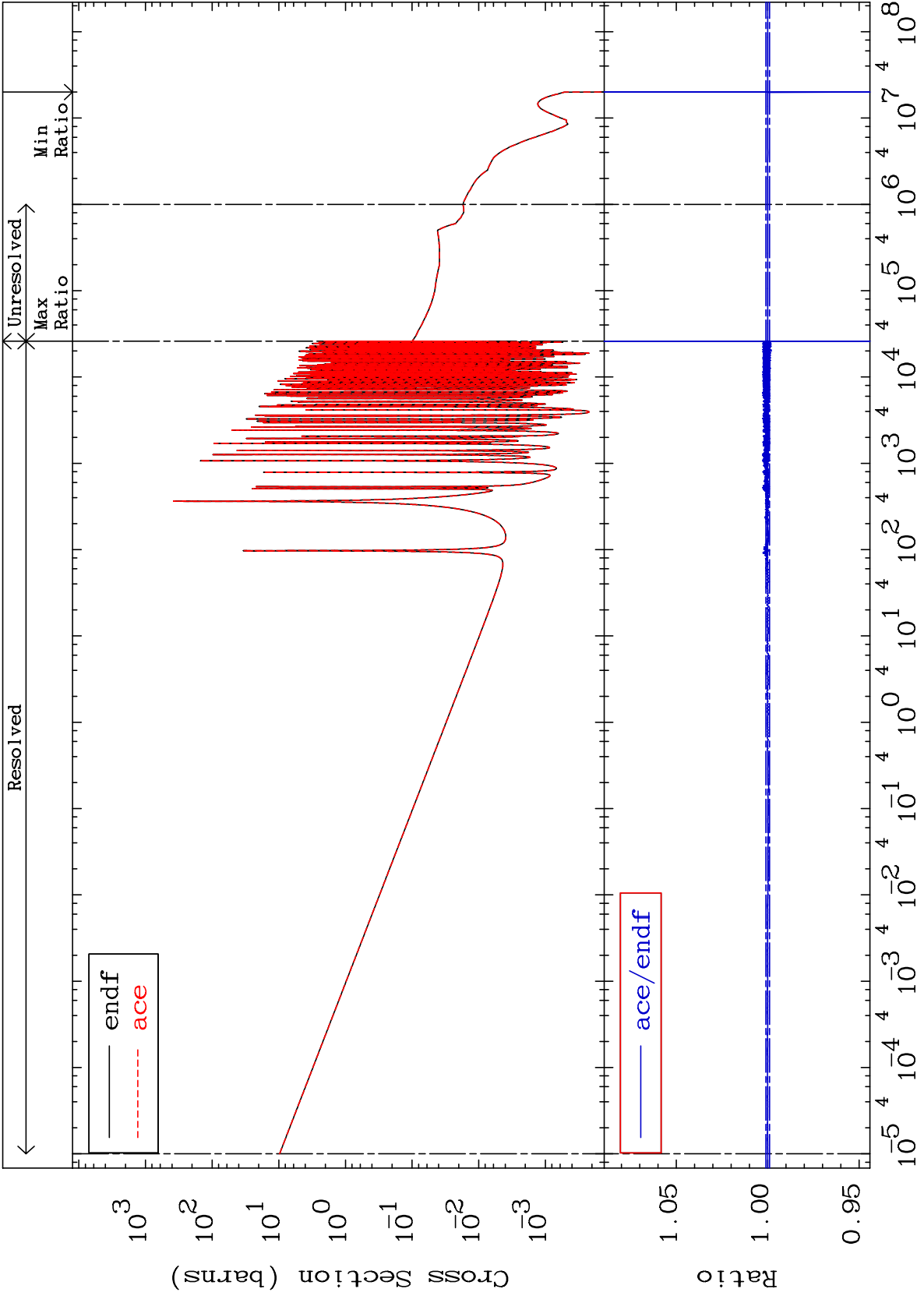
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

(n,  $\gamma$ )  
Cross Section

42-Mo-100  
-50.00 To 75.46 %

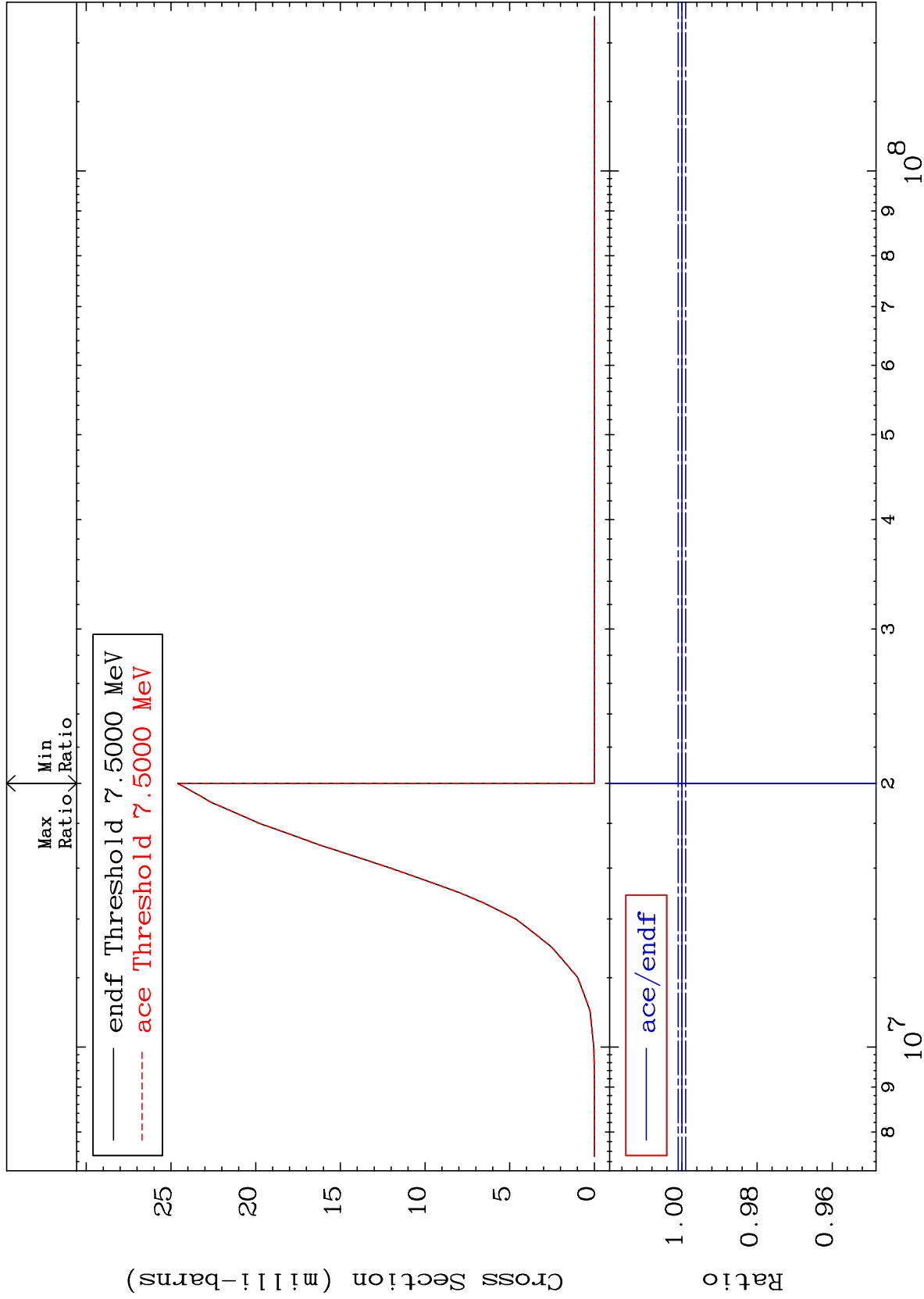




MAT 4249

(n,p)  
Cross Section

42-Mo-100  
-50.00 To 0.000 %

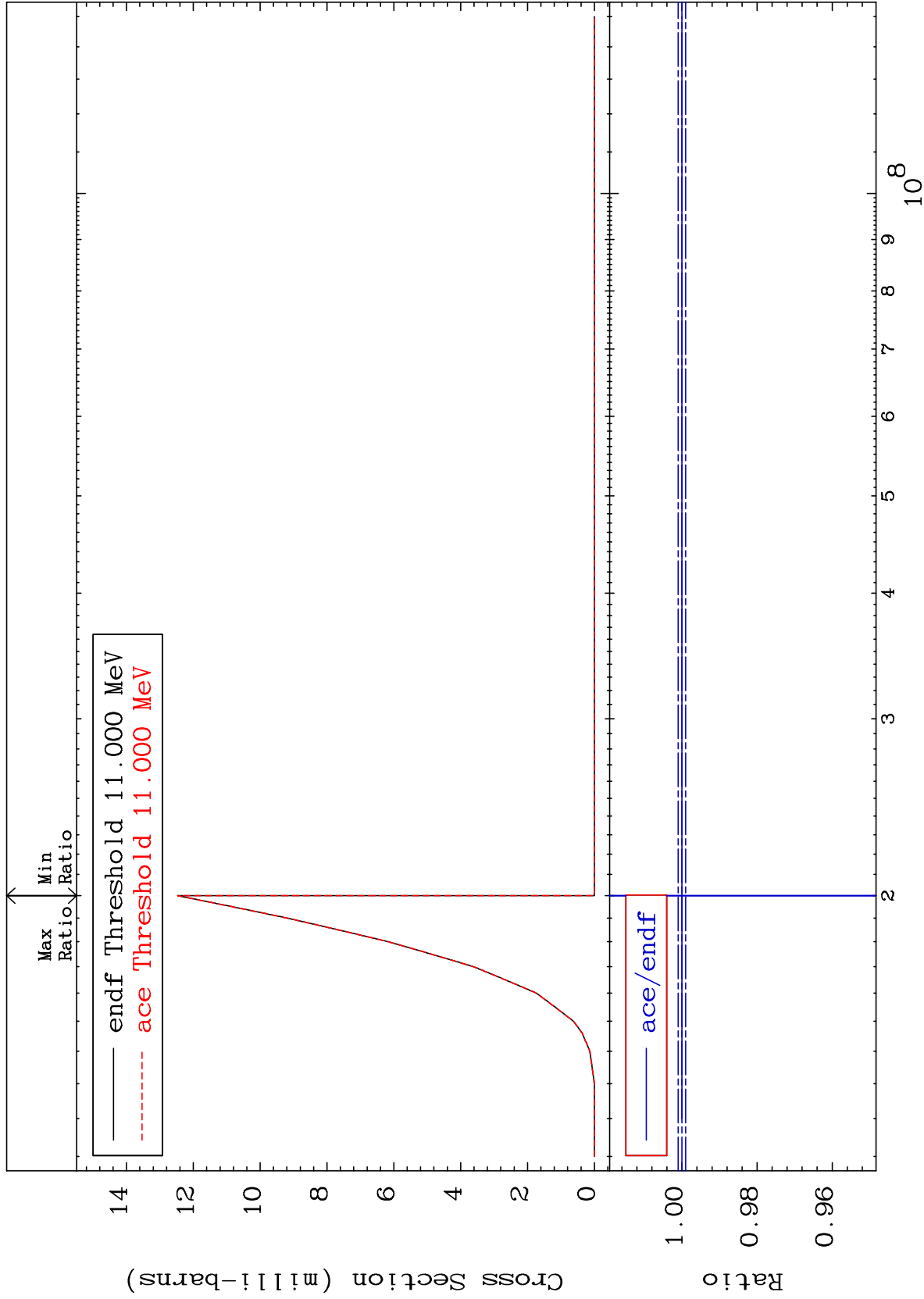


40

MAT 4249

(n, d)  
Cross Section

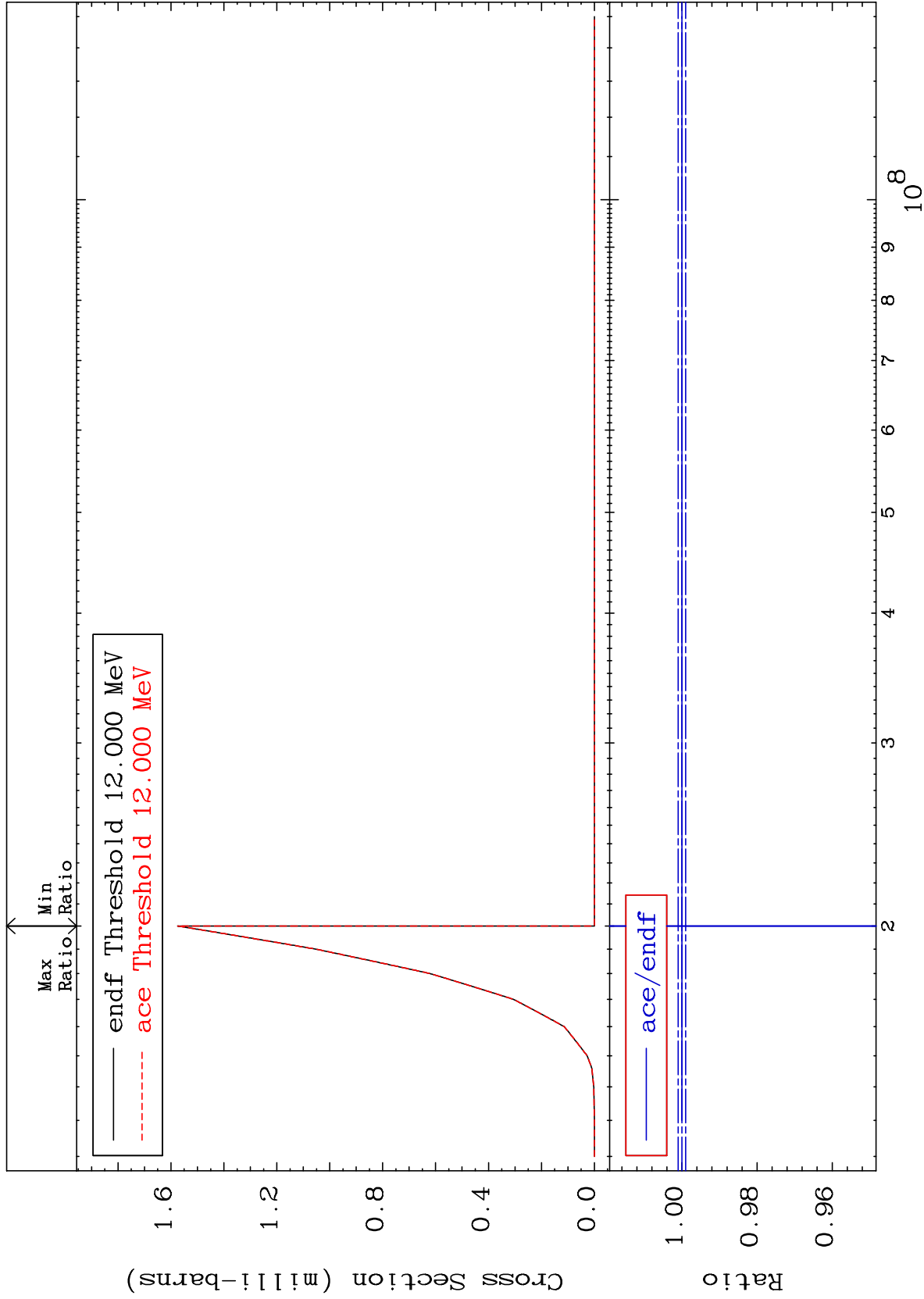
42-Mo-100  
-50.00 To 0.000 %



MAT 4249

(n, t)  
Cross Section

42-Mo-100  
-50.00 To 0.000 %



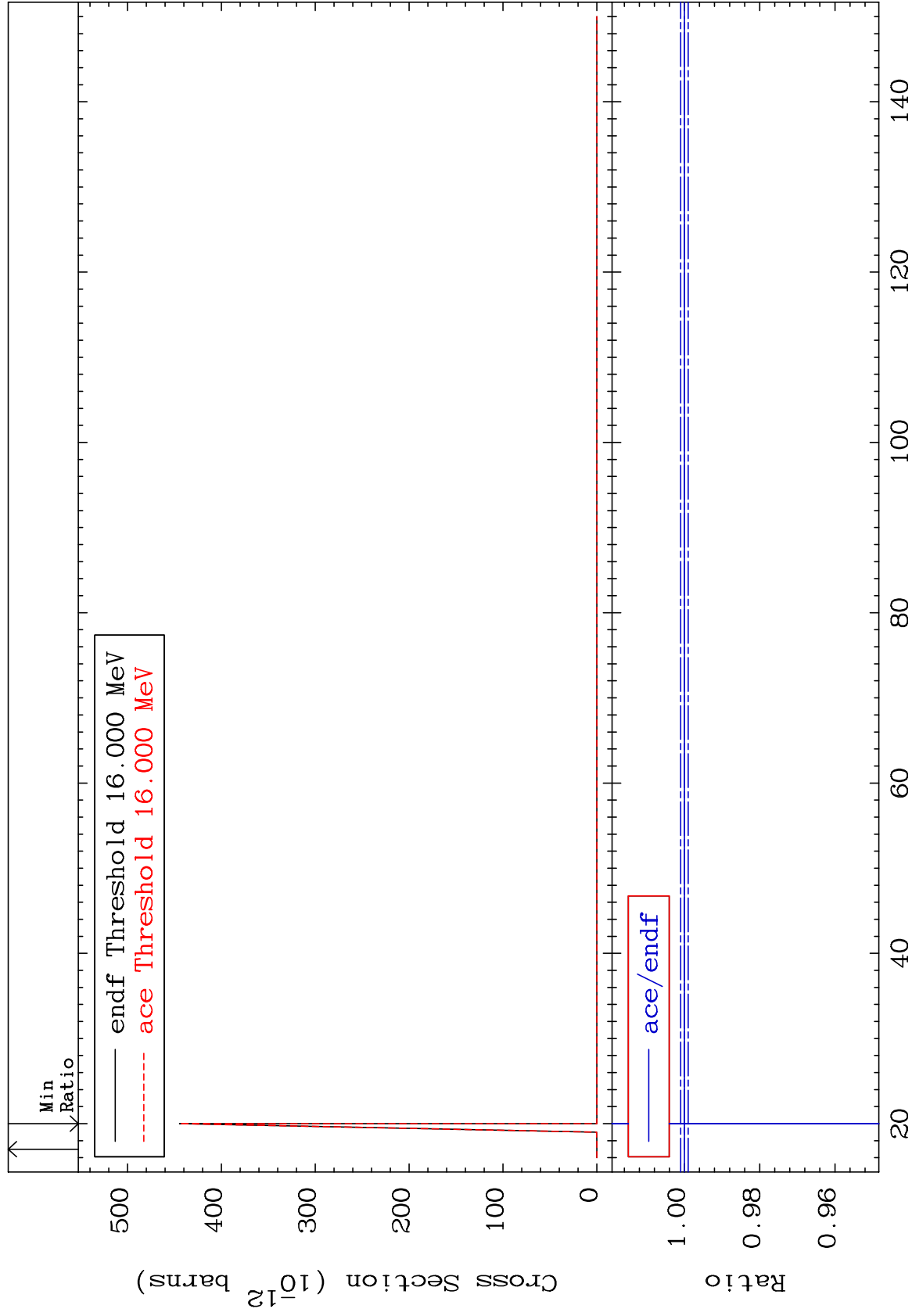
MAT 4249

(n, He-3)

42-Mo-100

Cross Section

-50.00 To 0.000 %



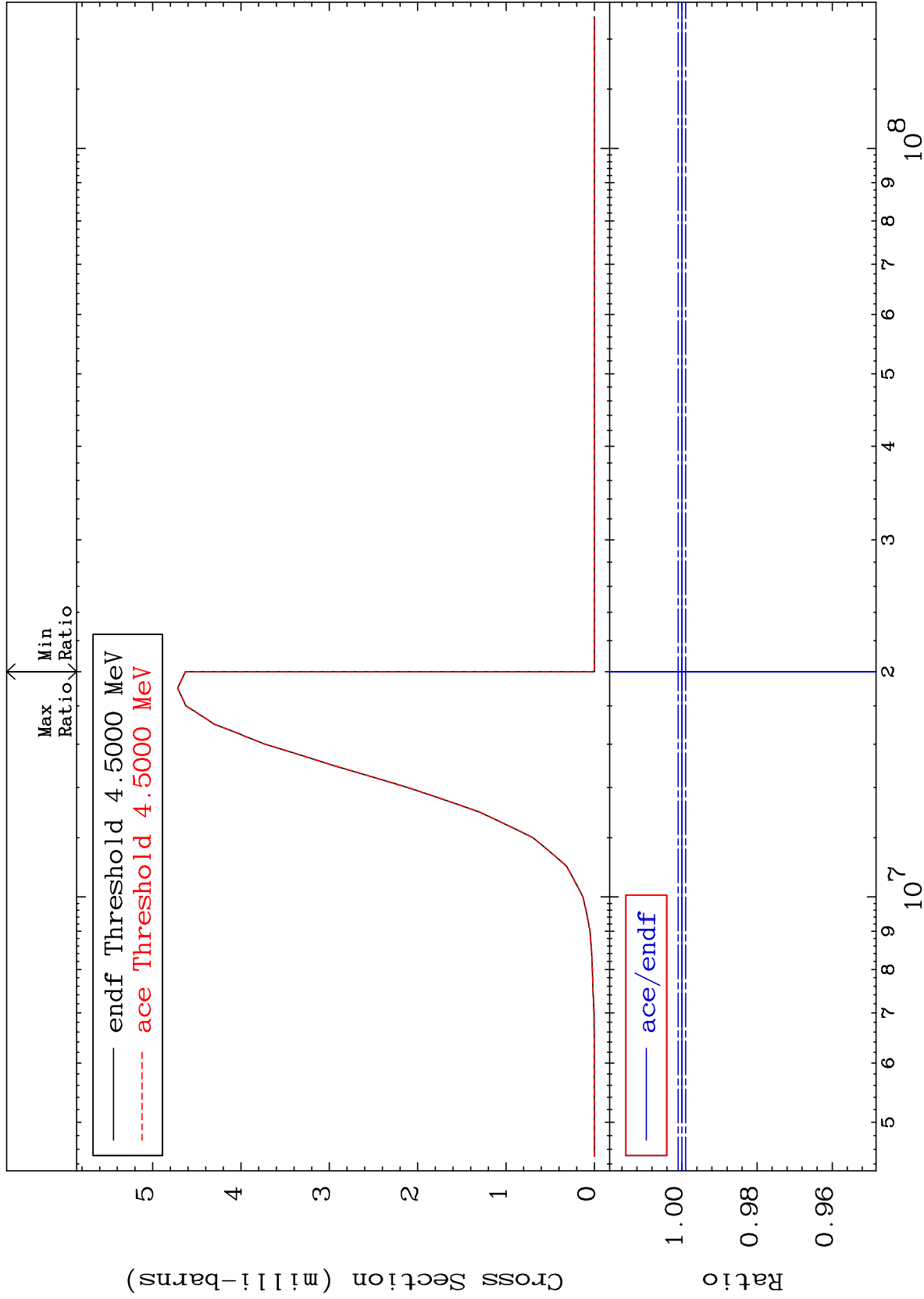
43

Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,  $\alpha$ )  
Cross Section  
42-Mo-100  
-50.00 To 0.000 %



44

42-Mo-100