

Program Complot  
(Version 2015-2)

by

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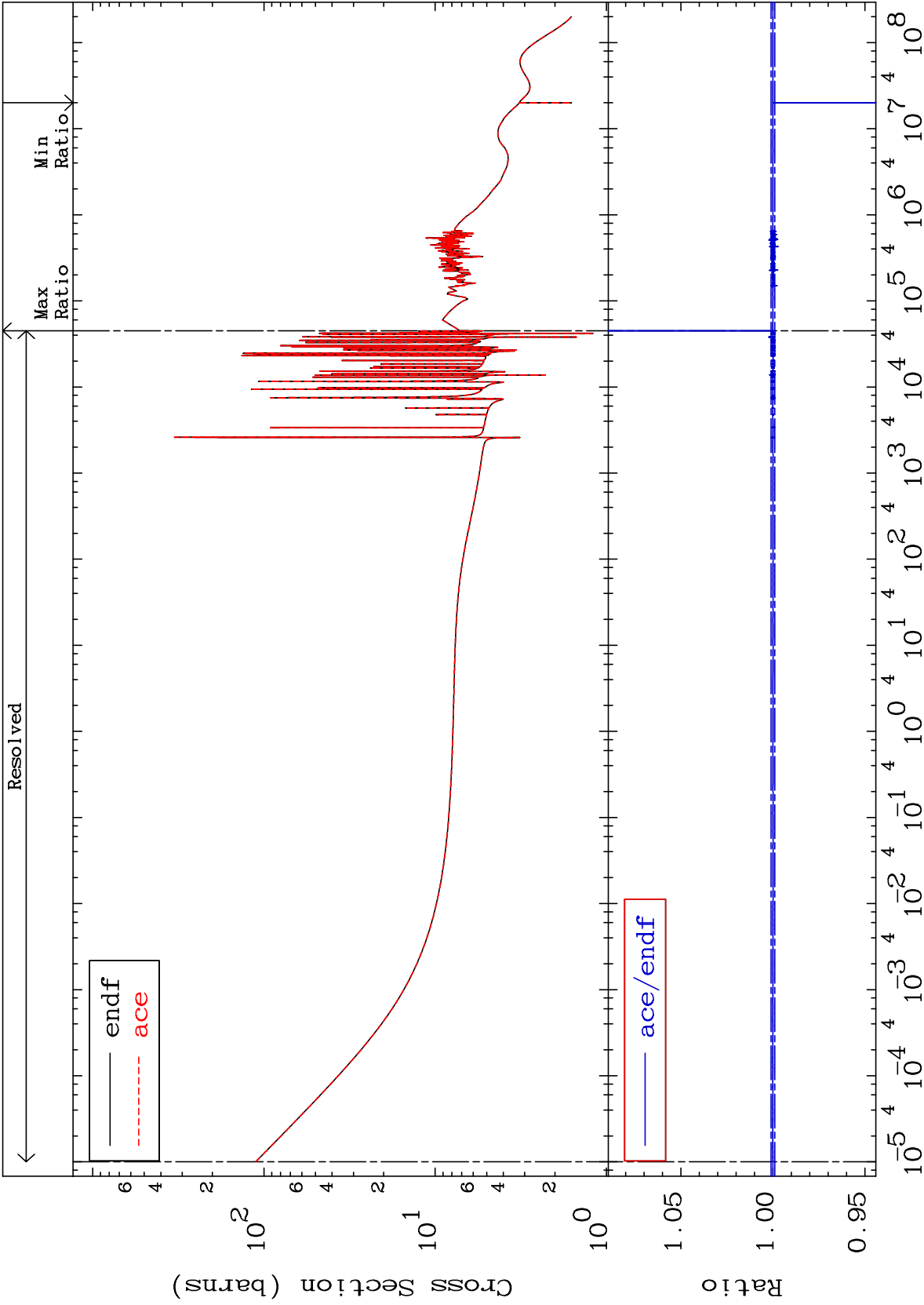
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 3925

Total  
Cross Section

39-Y -89  
-50.25 To 15.15 %



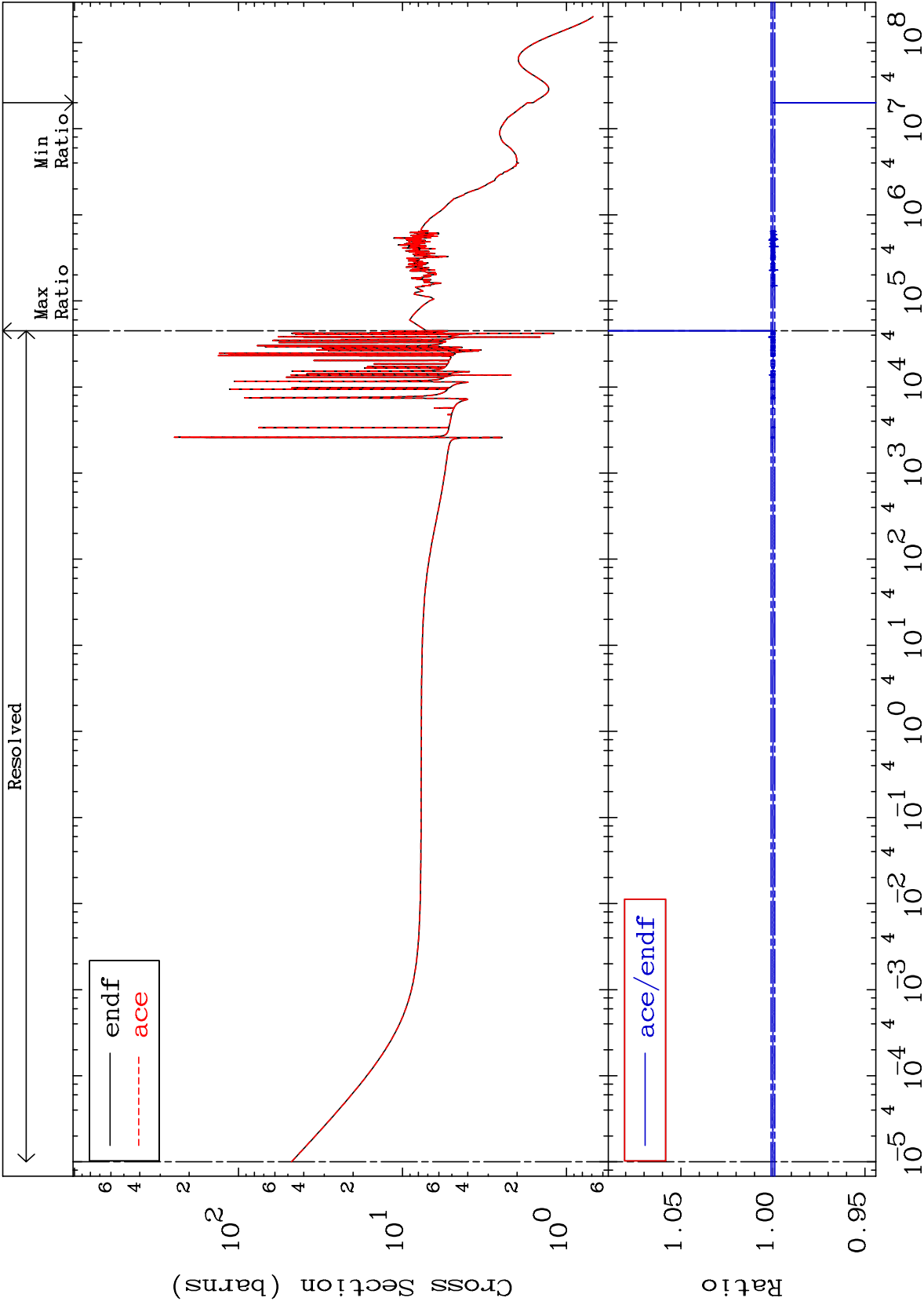
Incident Energy (eV)

39-Y -89

MAT 3925

Elastic  
Cross Section

39-Y -89  
-7.521 To 15.04 %



2

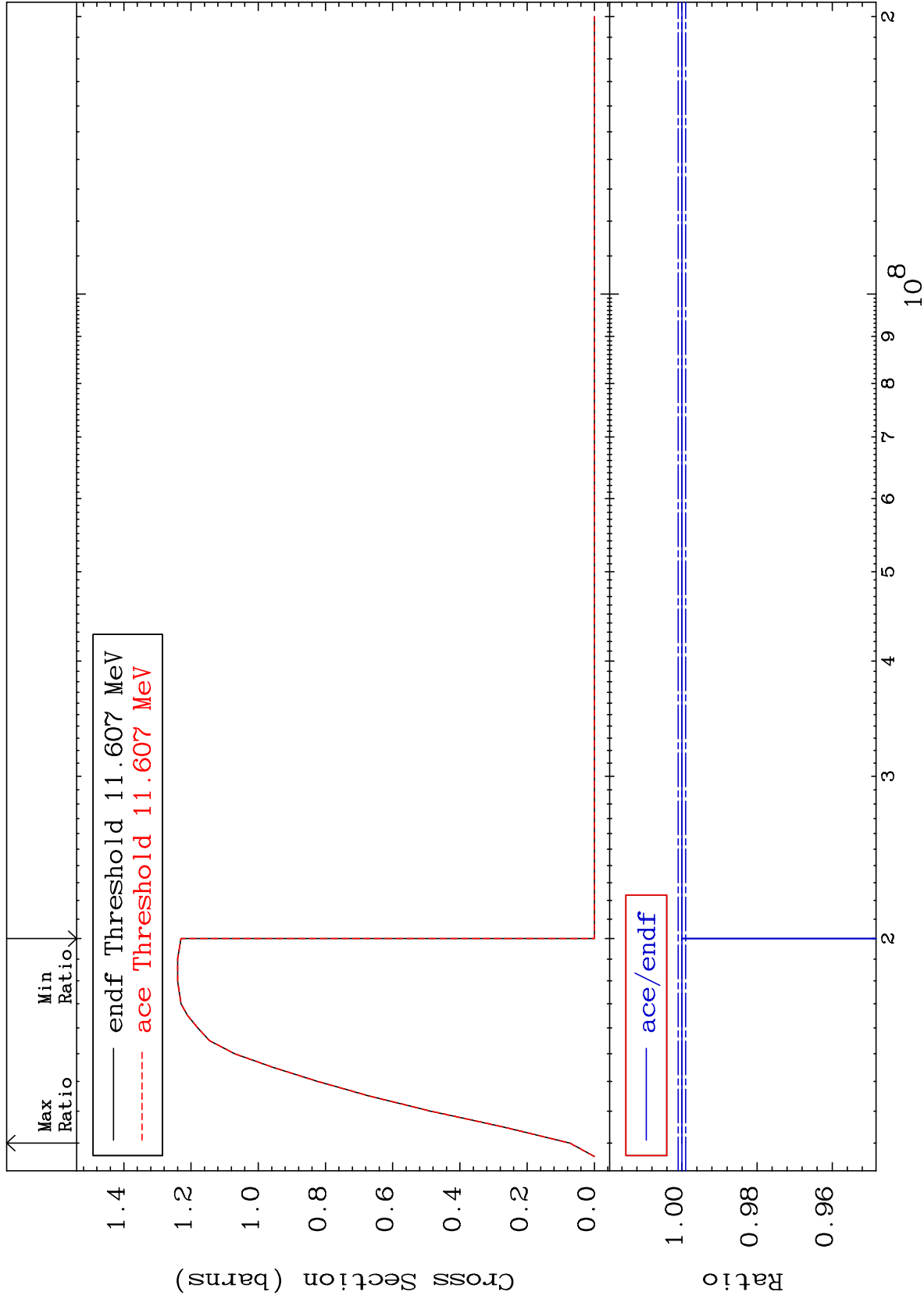
Incident Energy (eV)

39-Y -89

MAT 3925

(n,2n)  
Cross Section

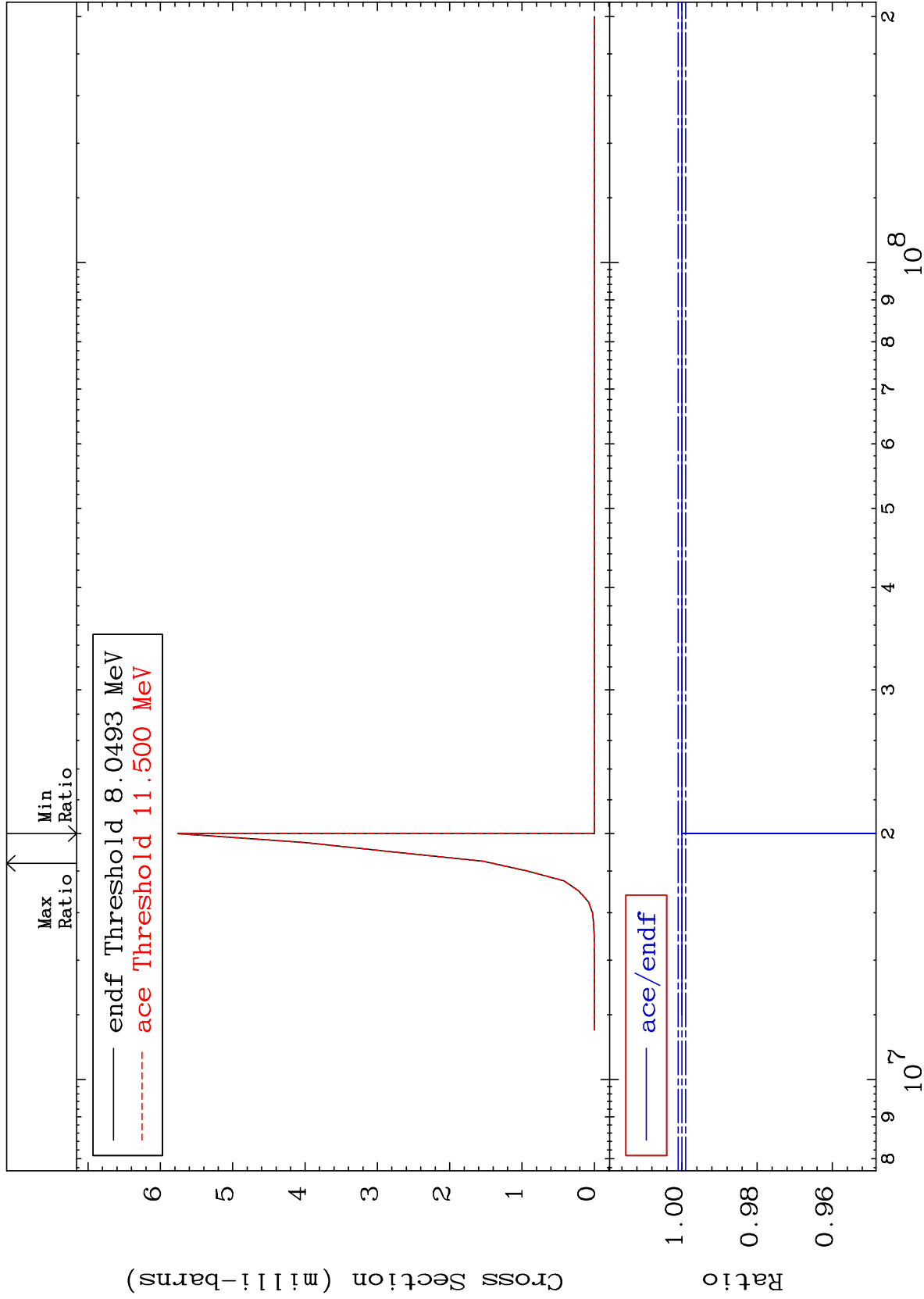
39-Y -89  
-100.0 To 0.000 %



MAT 3925

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

39-Y -89  
-100.0 To 0.000 %



4

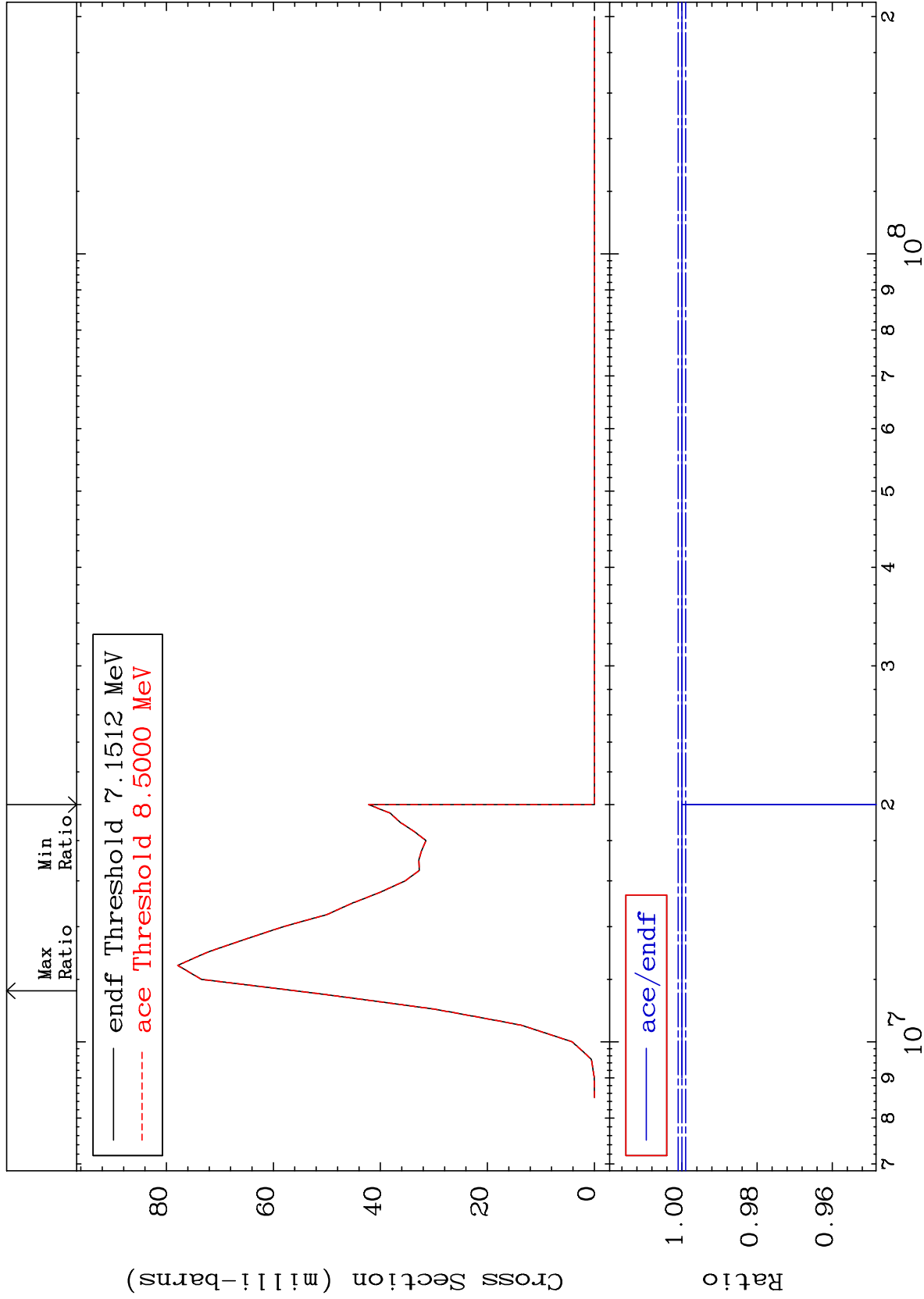
Incident Energy (eV)

39-Y -89

MAT 3925

(n, n') p  
Cross Section

39-Y -89  
-100.0 To 0.000 %



5

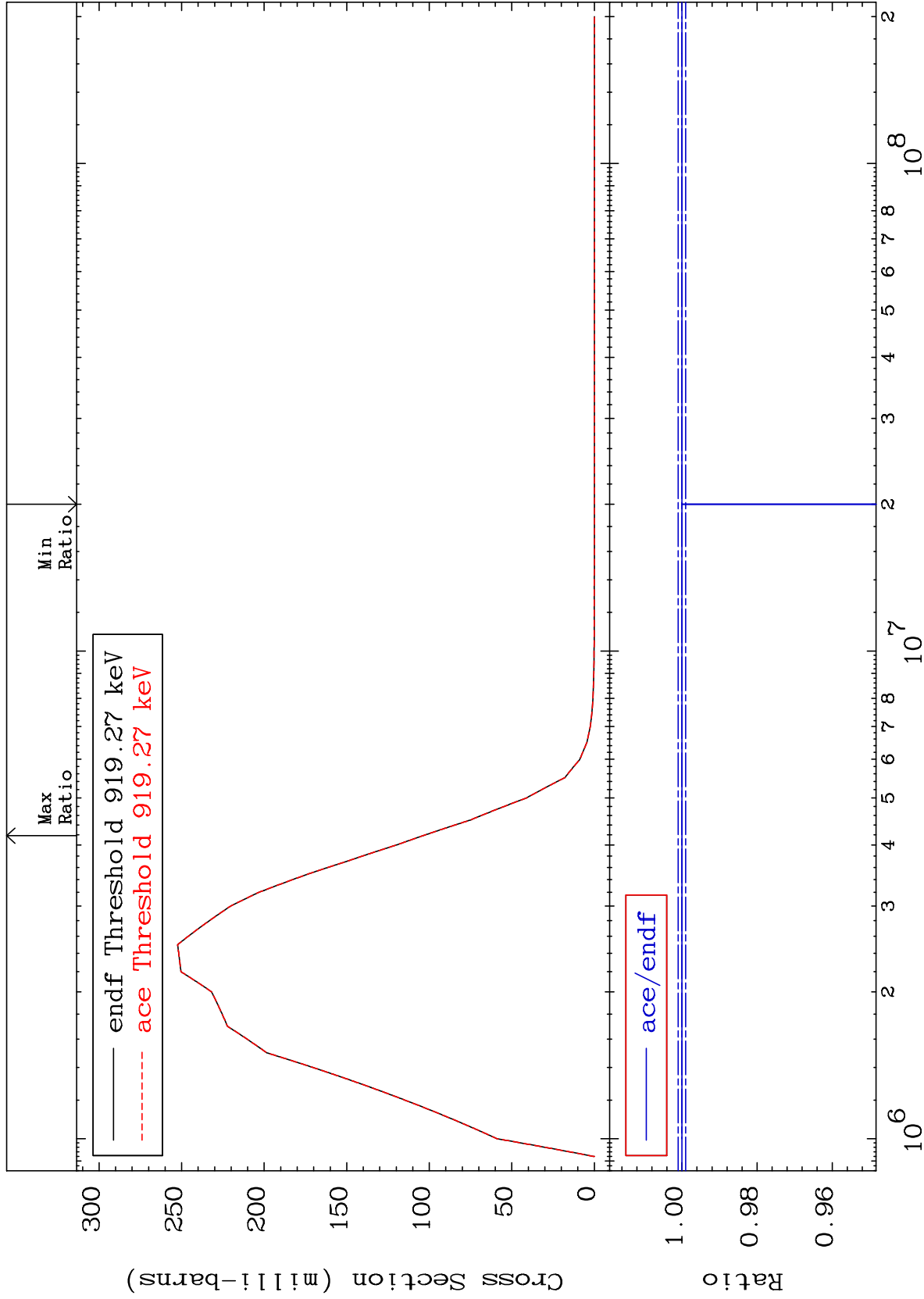
Incident Energy (eV)

39-Y -89

MAT 3925

909.0 keV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



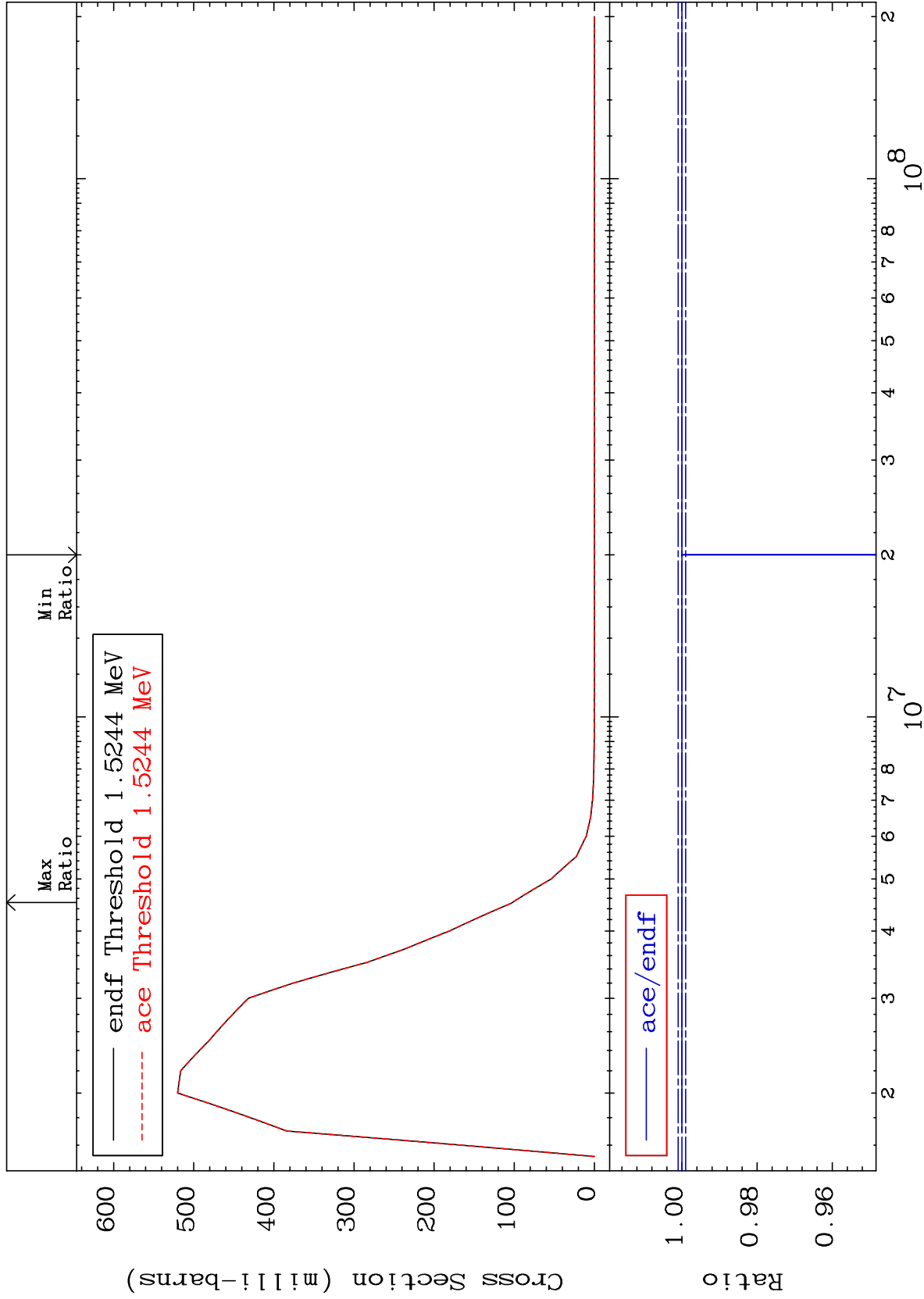
Incident Energy (eV)

39-Y -89

MAT 3925

1.507 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



7

Incident Energy (eV)

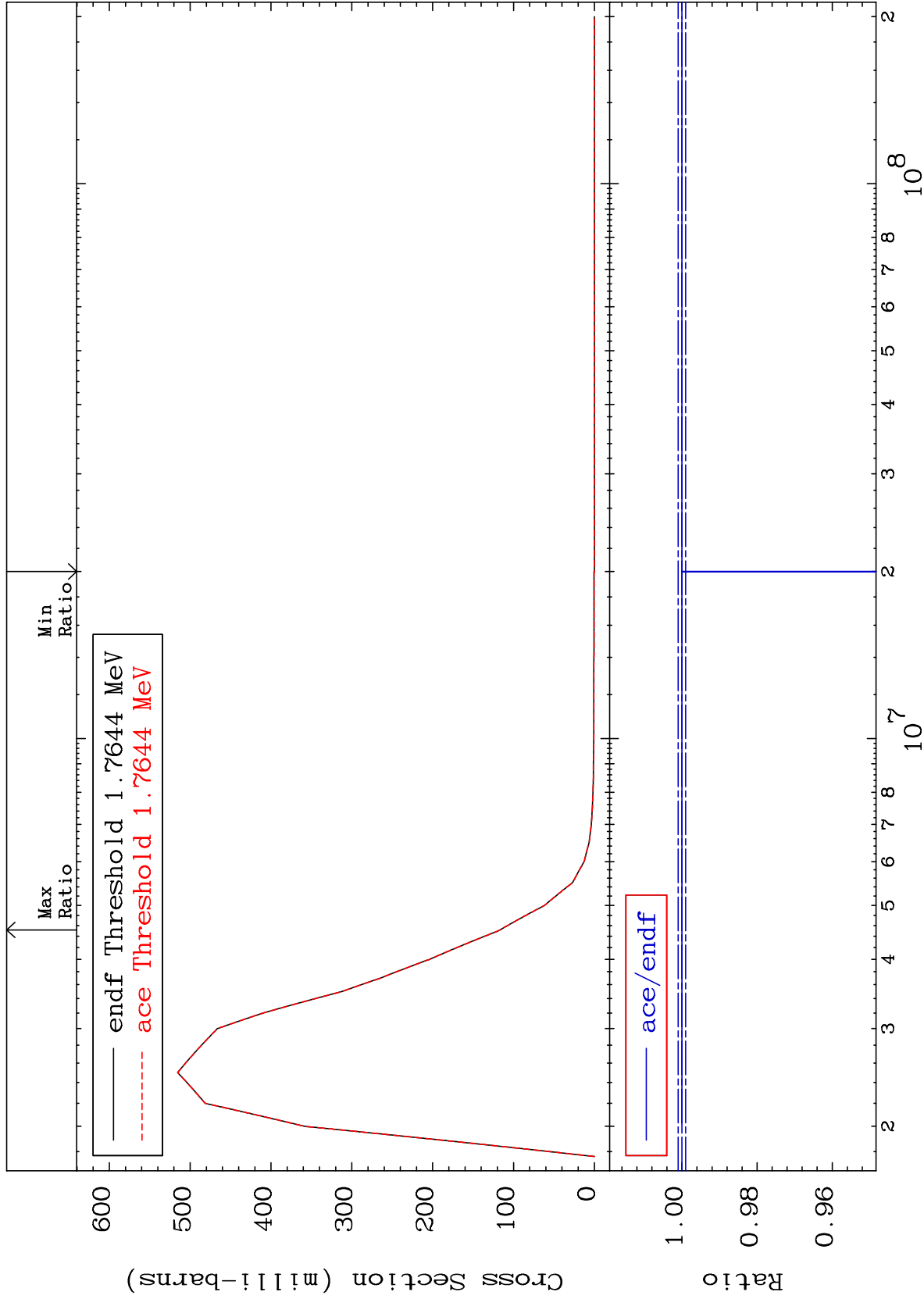
39-Y -89



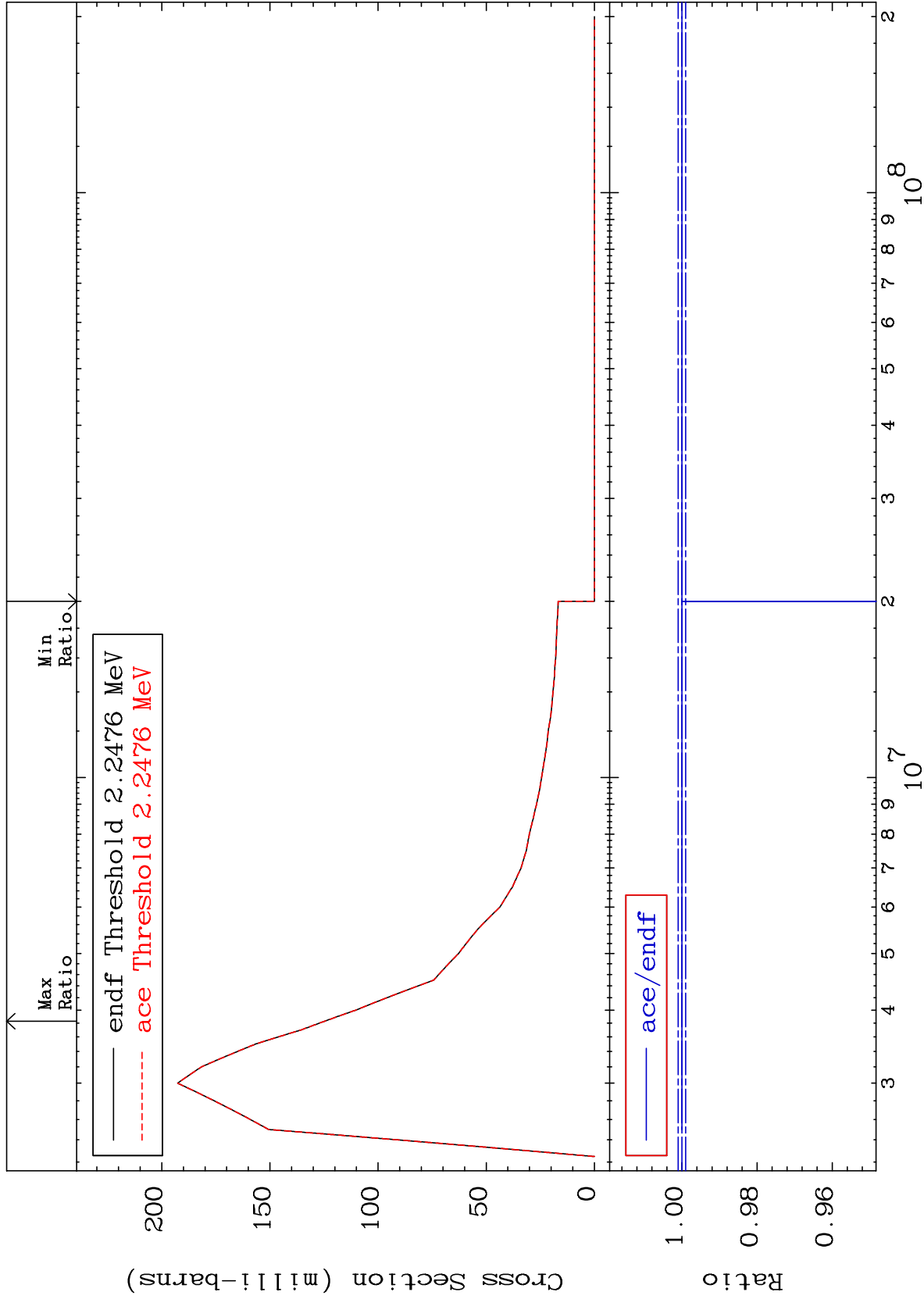
MAT 3925

1.745 MeV (n,n') Level  
Cross Section

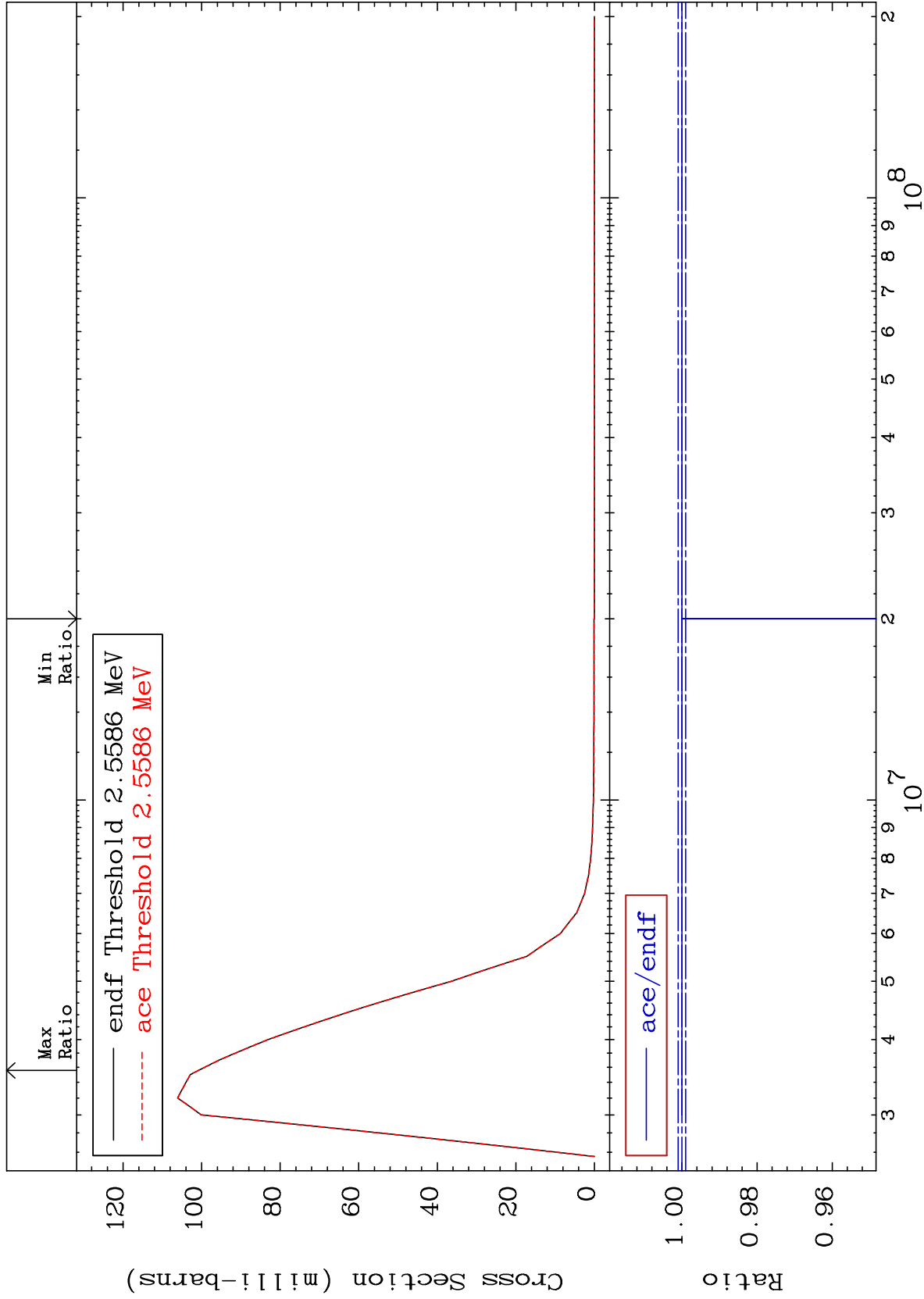
39-Y -89  
-100.0 To 0.000 %



MAT 3925      2.222 MeV (n,n') Level      39-Y -89  
 Cross Section      -100.0 To 0.000 %

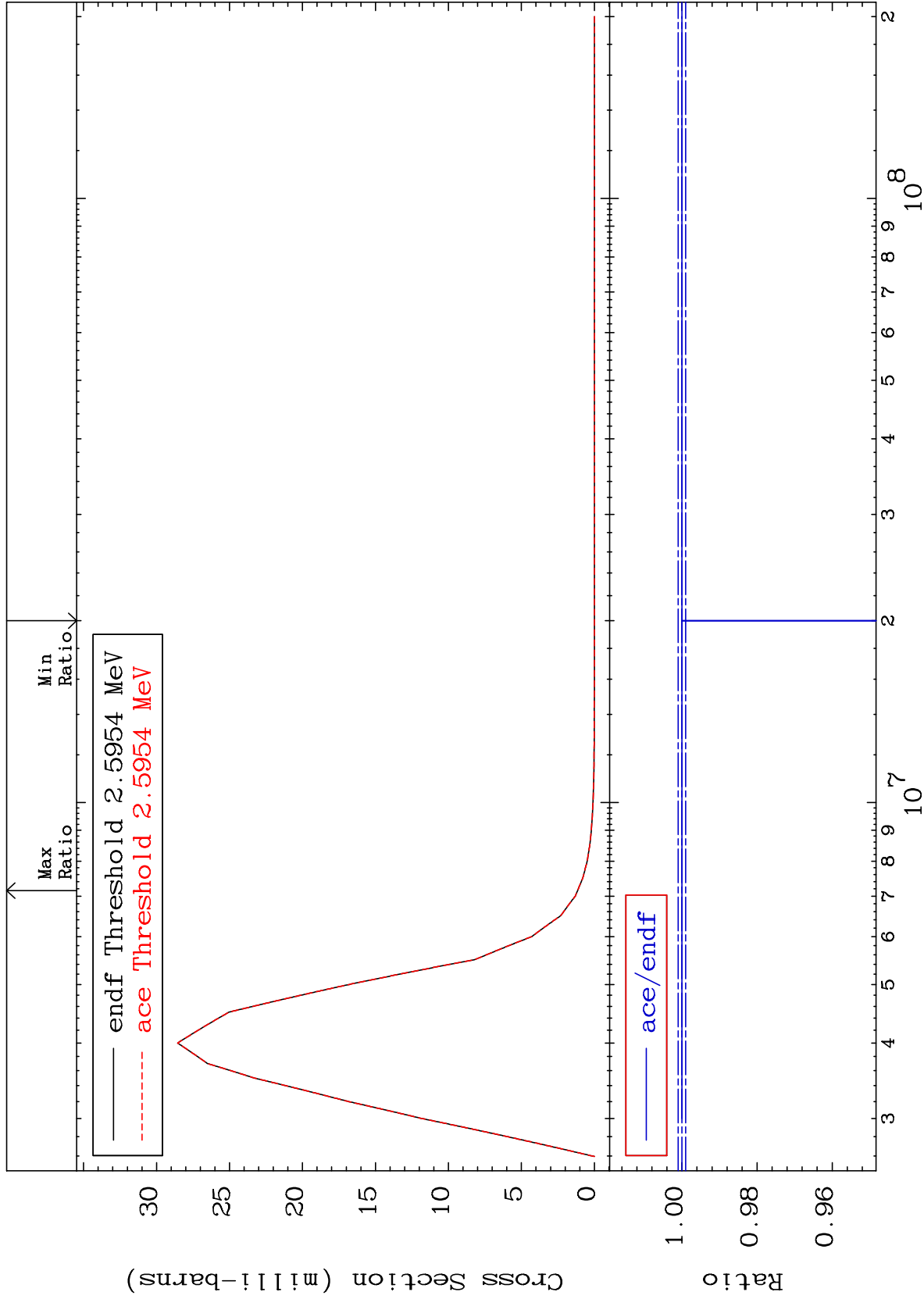


MAT 3925      2.530 MeV (n,n') Level      39-Y -89  
Cross Section      -100.0 To 0.000 %



10      Incident Energy (eV)      39-Y -89

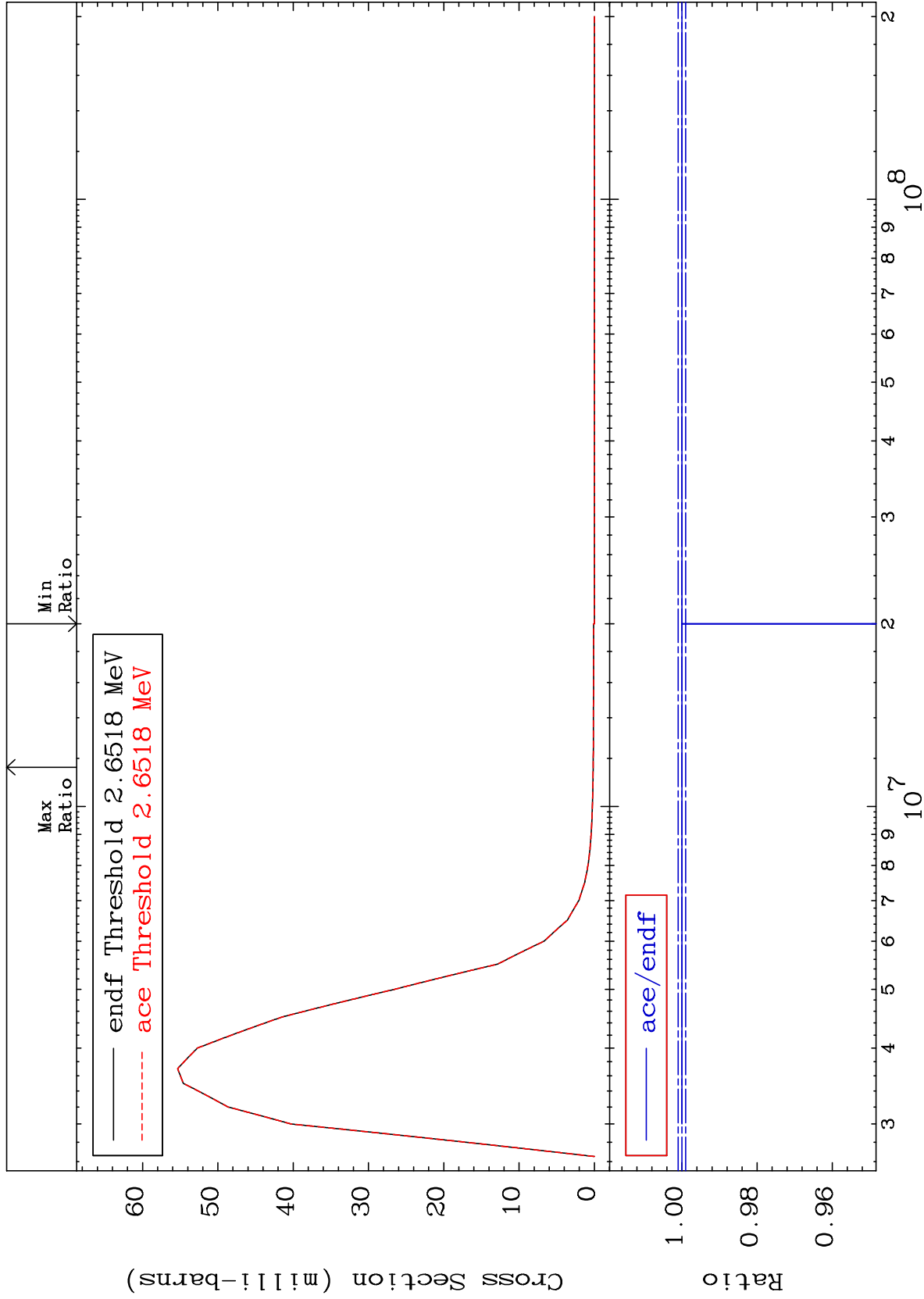
MAT 3925                      2.566 MeV (n,n') Level                      39-Y -89  
 Cross Section                      -100.0 To 0.000 %



MAT 3925

2.622 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



12

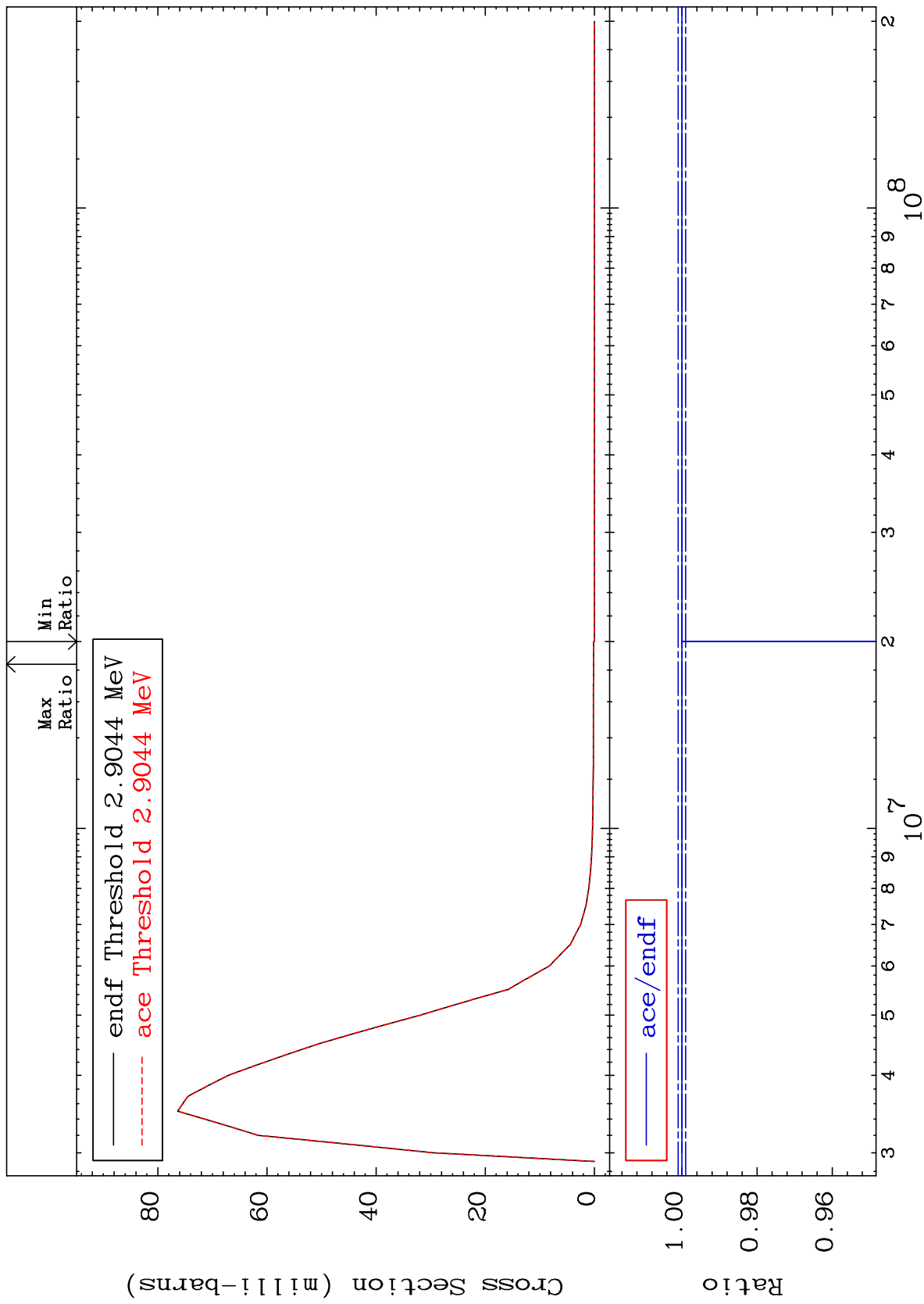
Incident Energy (eV)

39-Y -89

MAT 3925

2.872 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

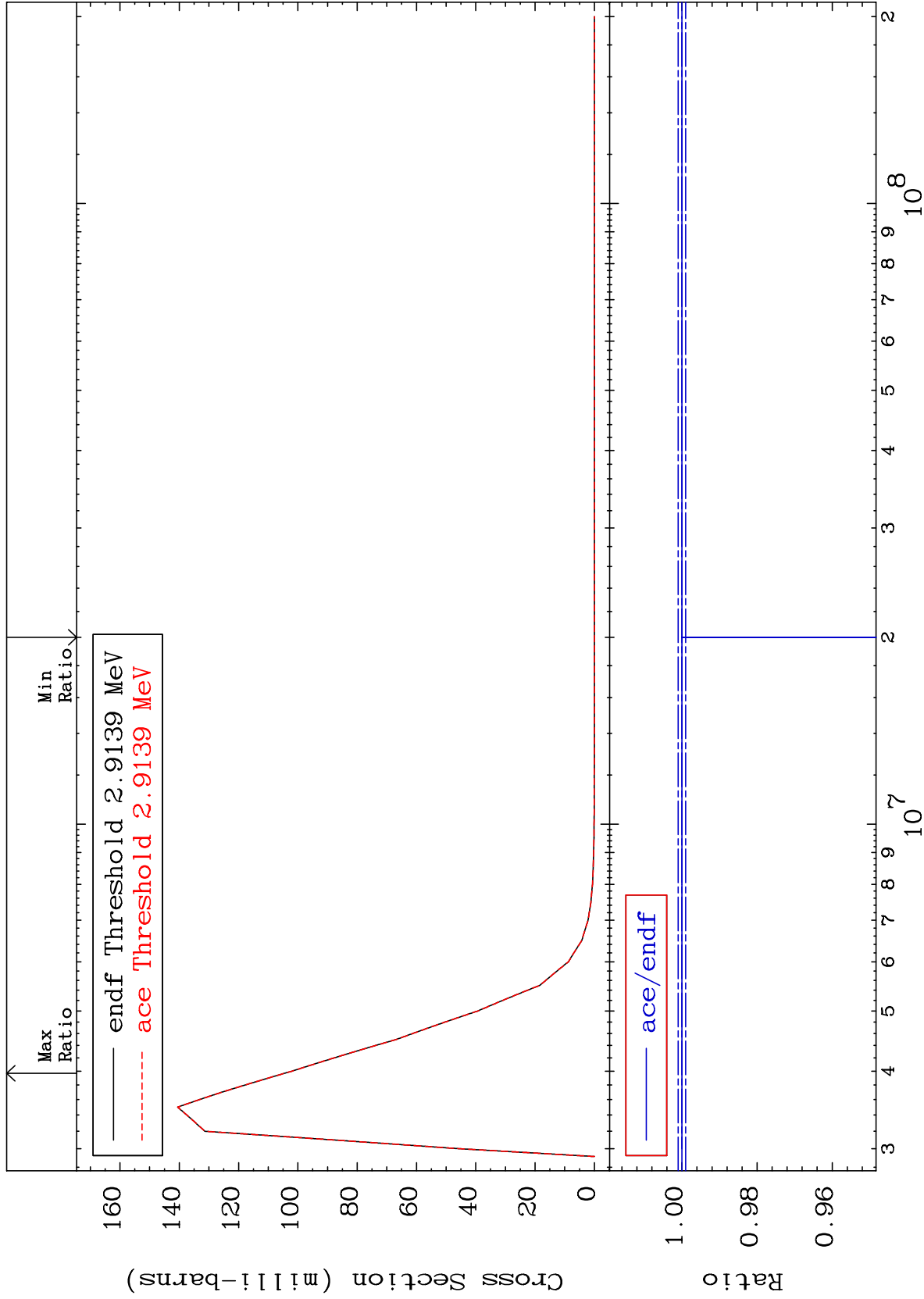


13

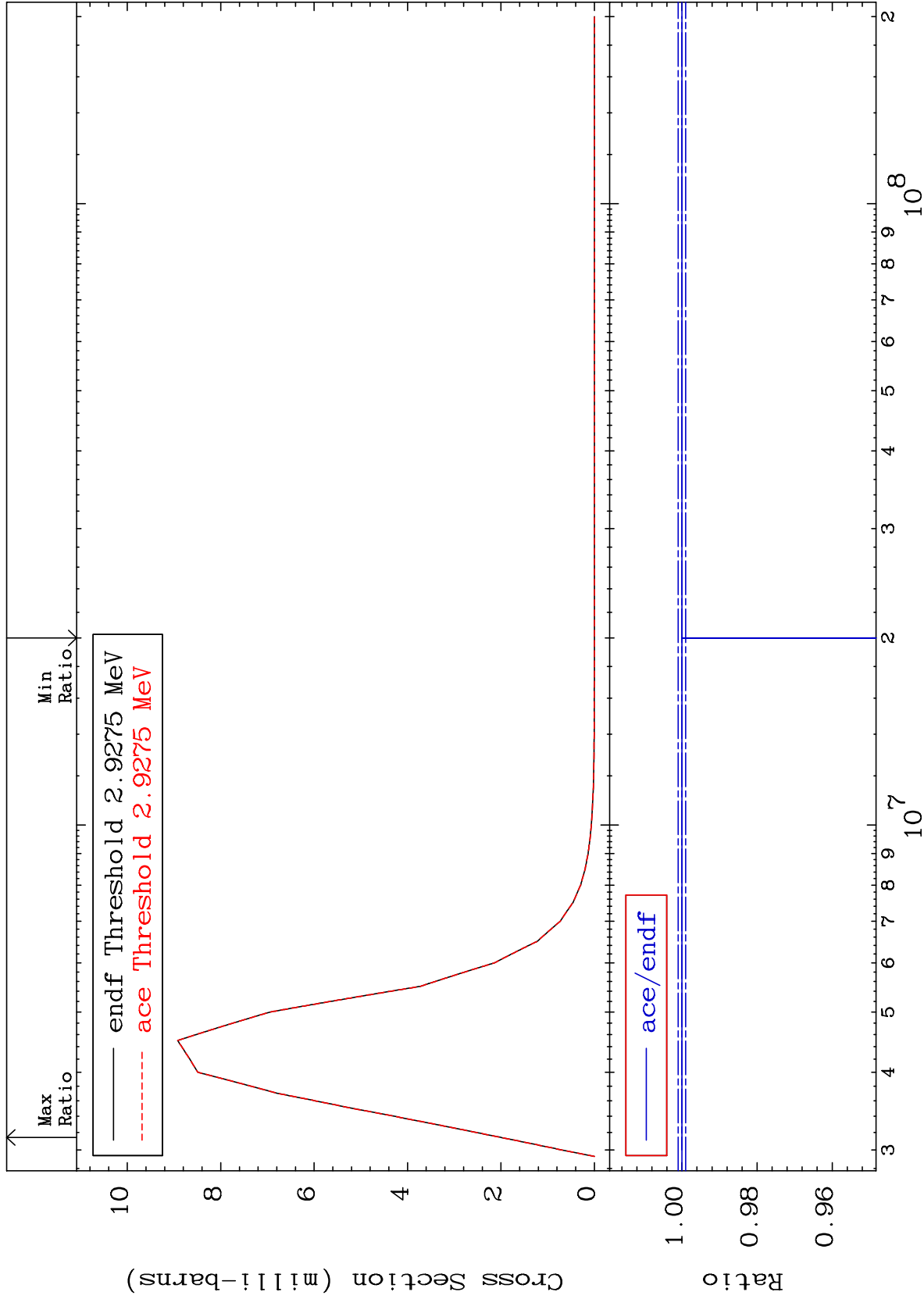
Incident Energy (eV)

39-Y -89

MAT 3925      2.881 MeV (n,n') Level      39-Y -89  
 Cross Section      -100.0 To 0.000 %



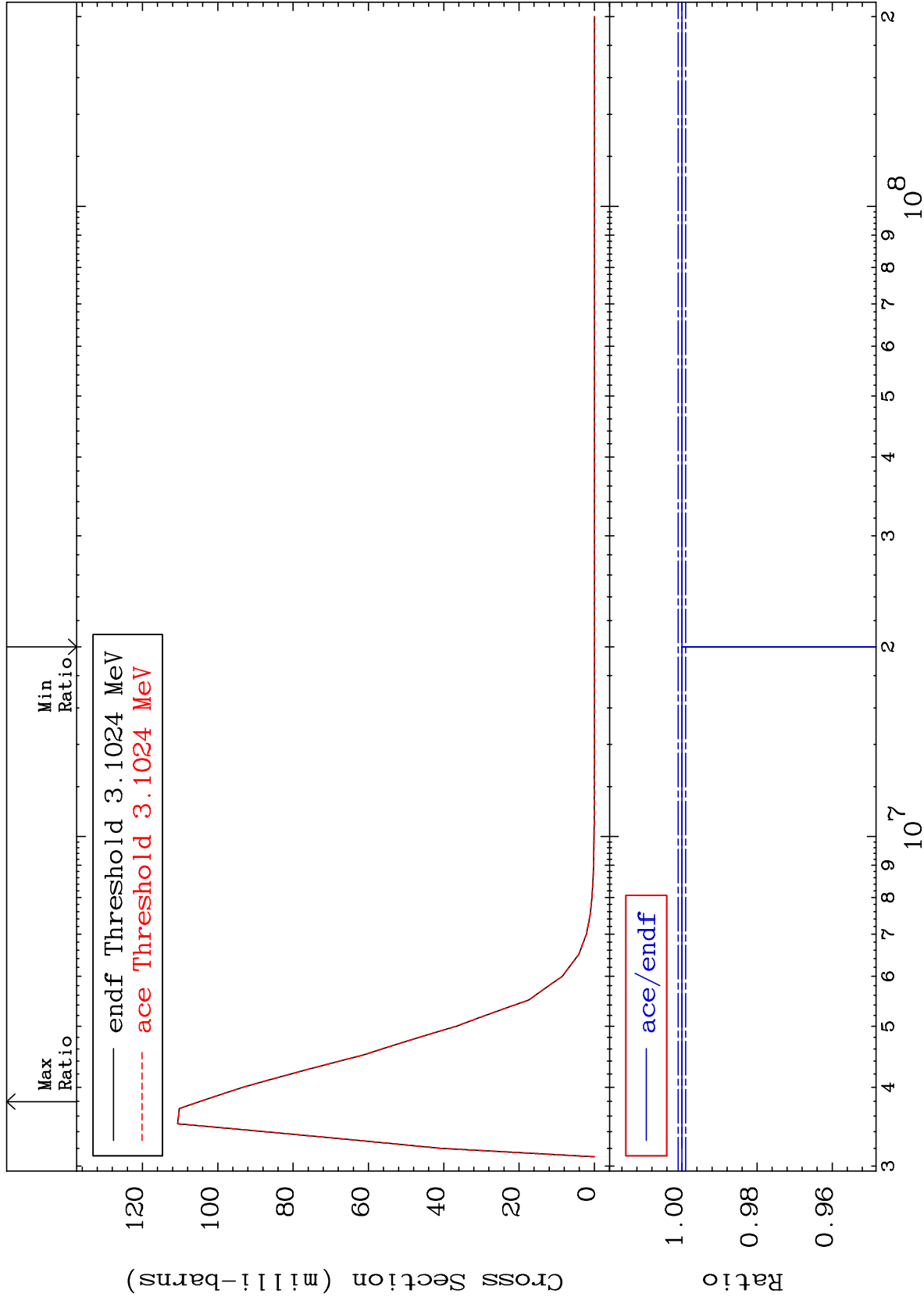
MAT 3925      2.895 MeV (n,n') Level      39-Y -89  
Cross Section      -100.0 To 0.000 %



15      Incident Energy (eV)      39-Y -89

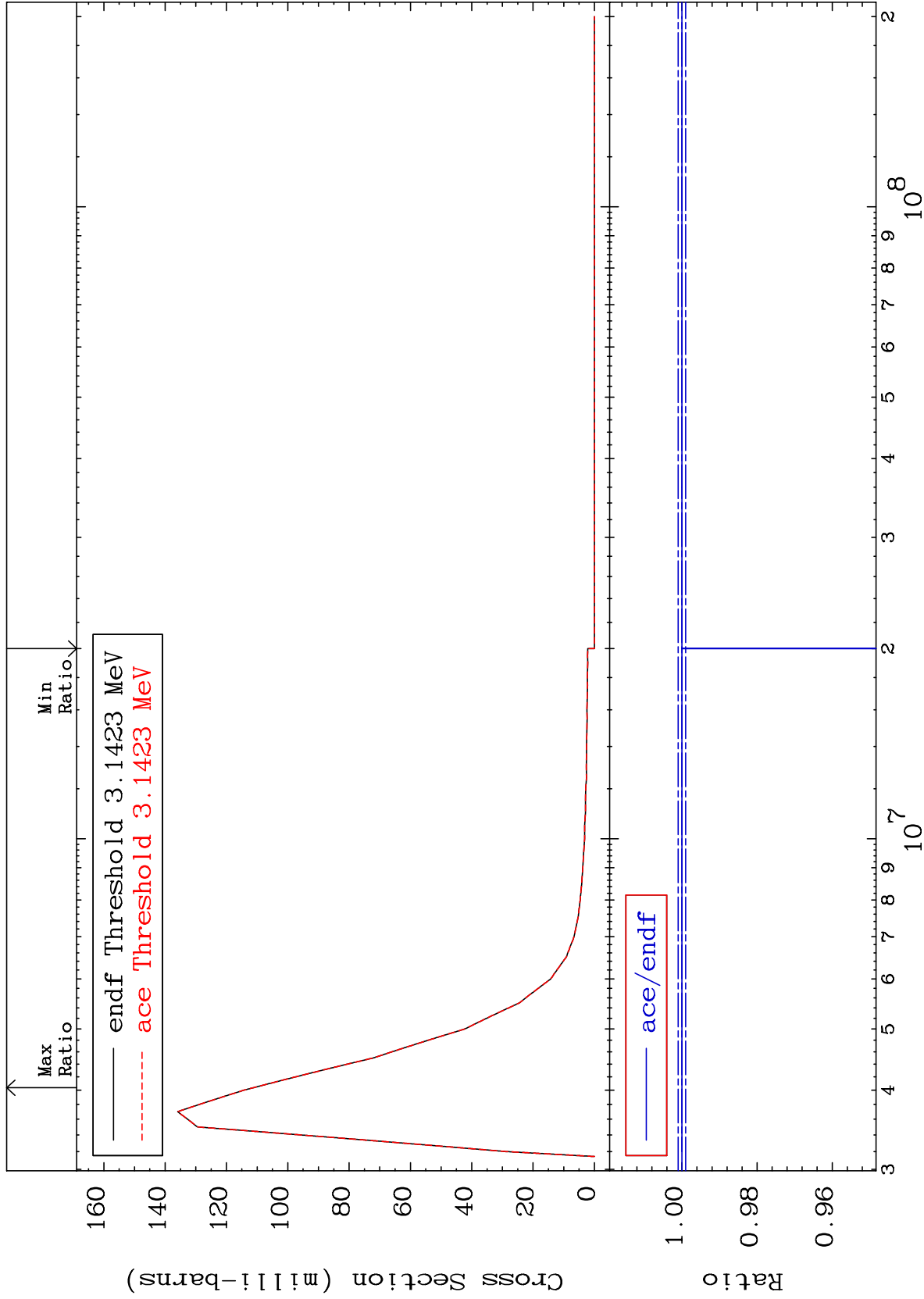


MAT 3925      3.068 MeV (n,n') Level      39-Y -89  
Cross Section      -100.0 To 0.000 %

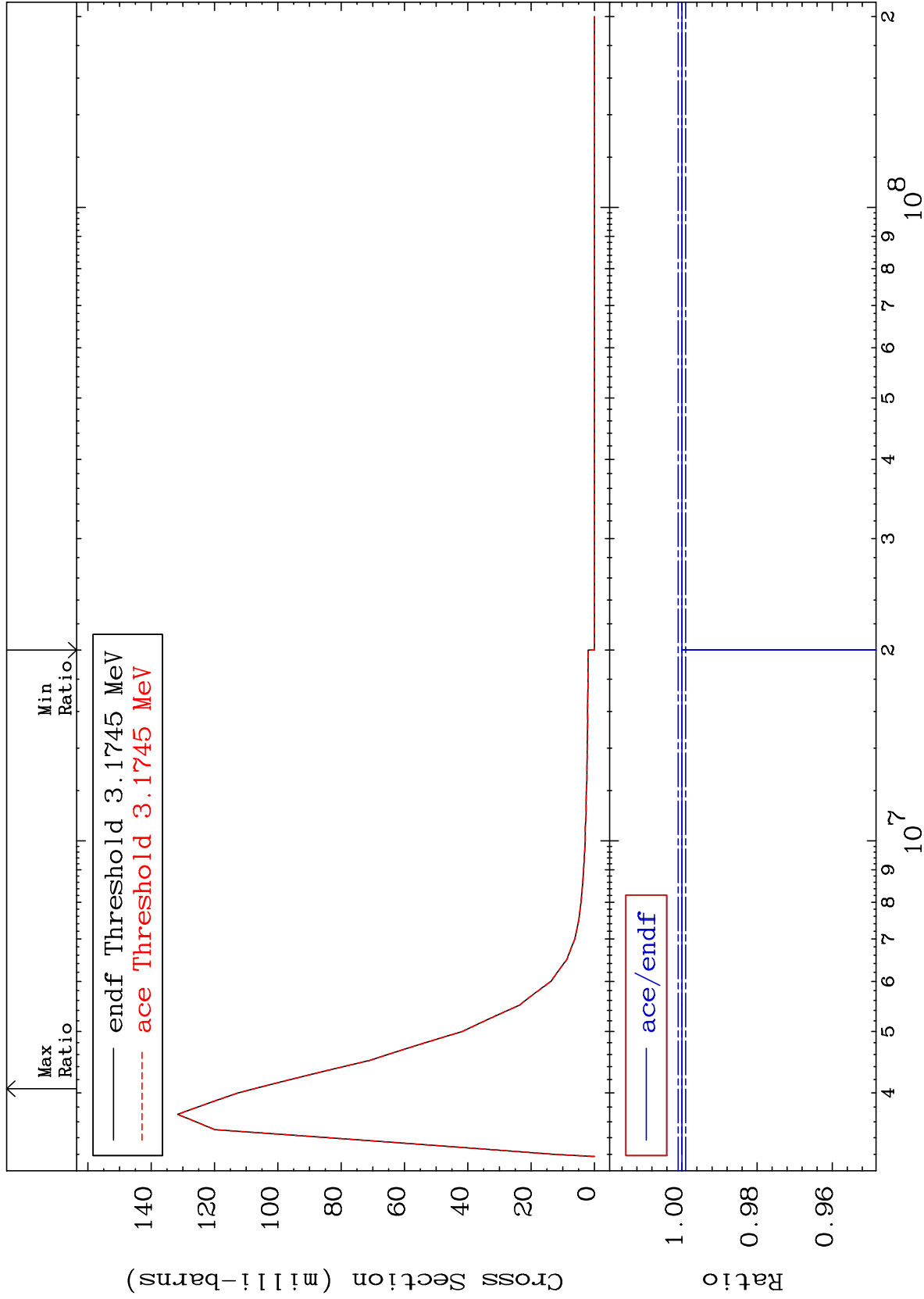


16      39-Y -89

MAT 3925      3.107 MeV (n,n') Level      39-Y -89  
 Cross Section      -100.0 To 0.000 %



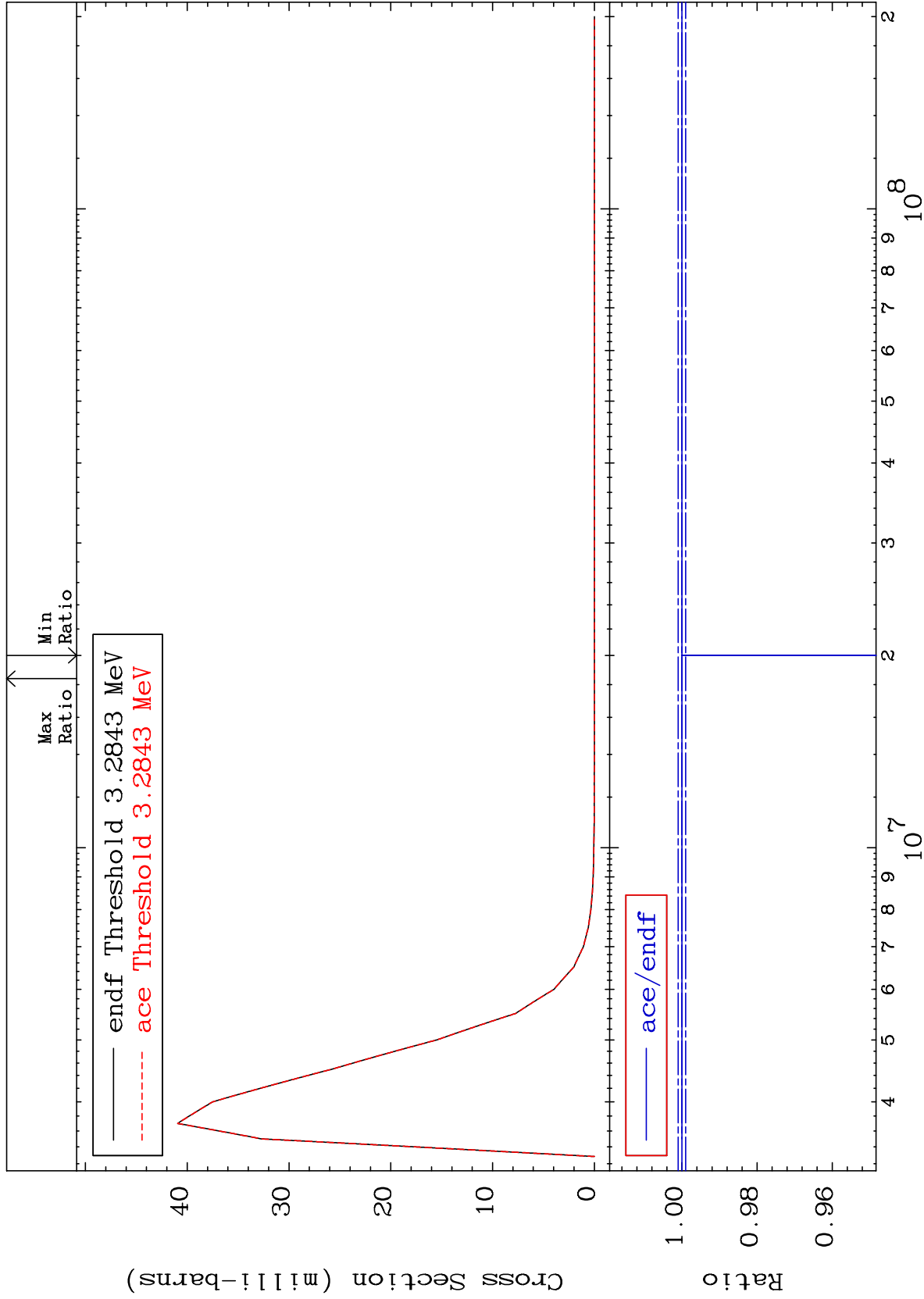
17      Incident Energy (eV)      39-Y -89



MAT 3925

3.248 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



19

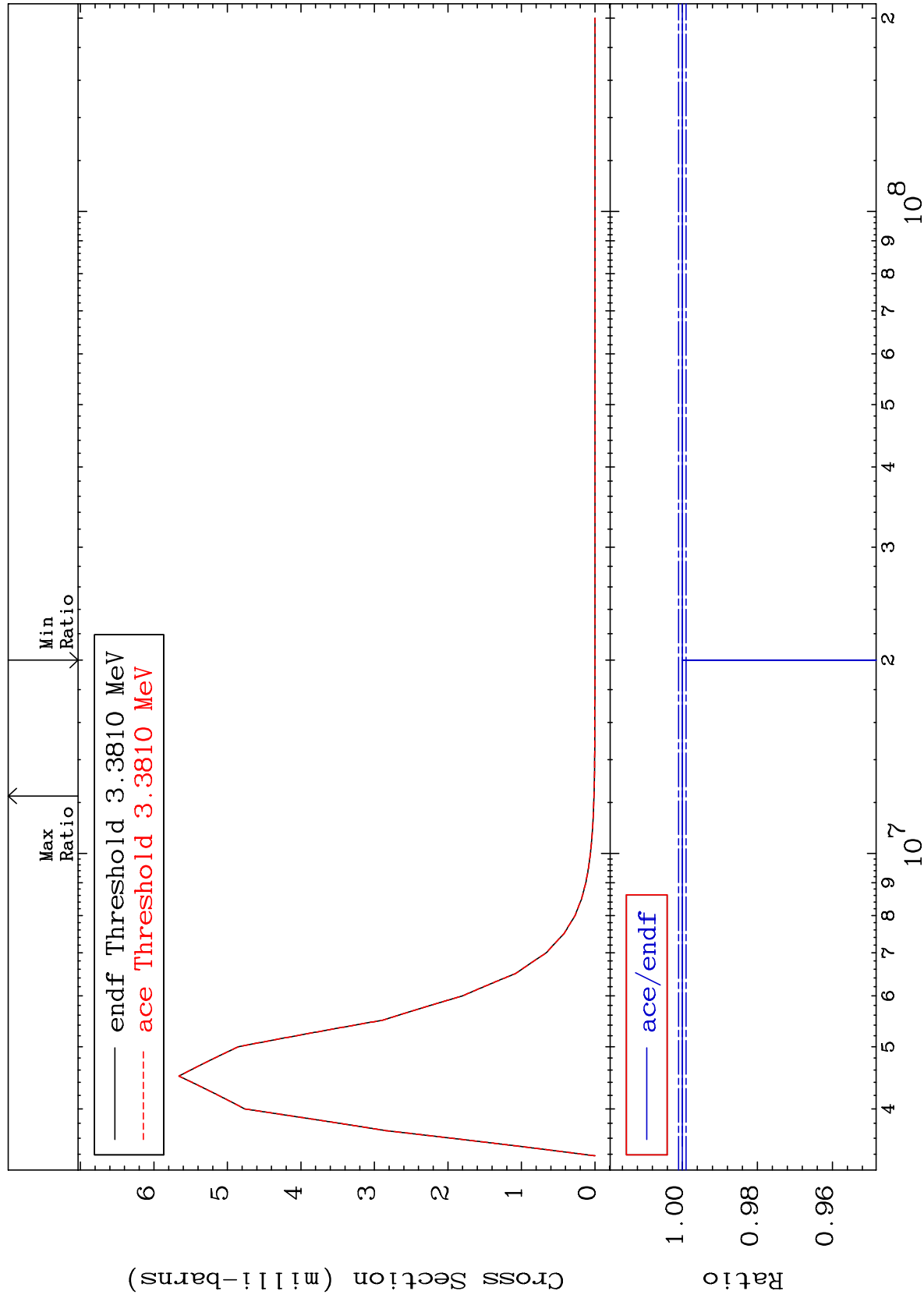
Incident Energy (eV)

39-Y -89

MAT 3925

3.343 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

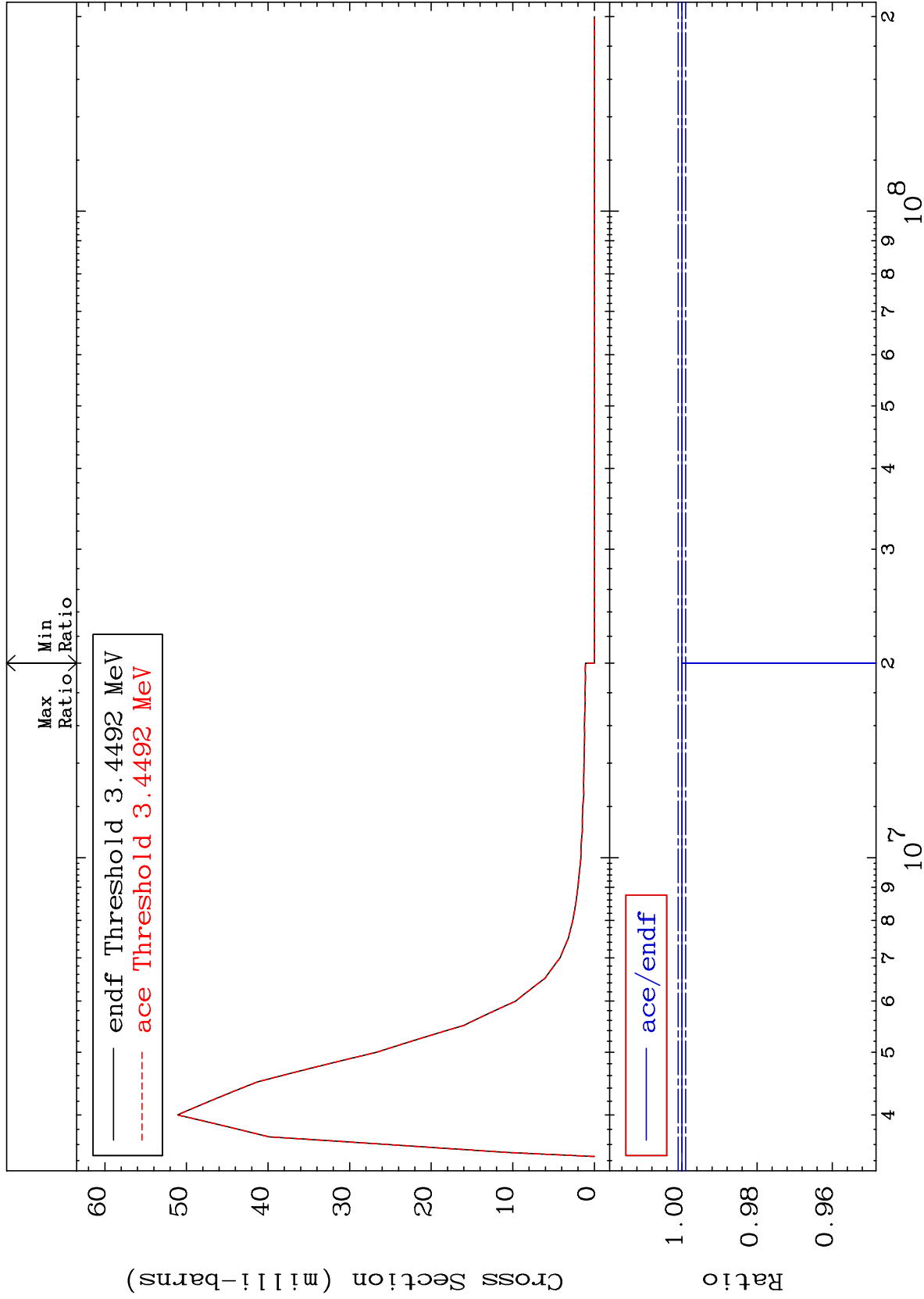


20

Incident Energy (eV)

39-Y -89

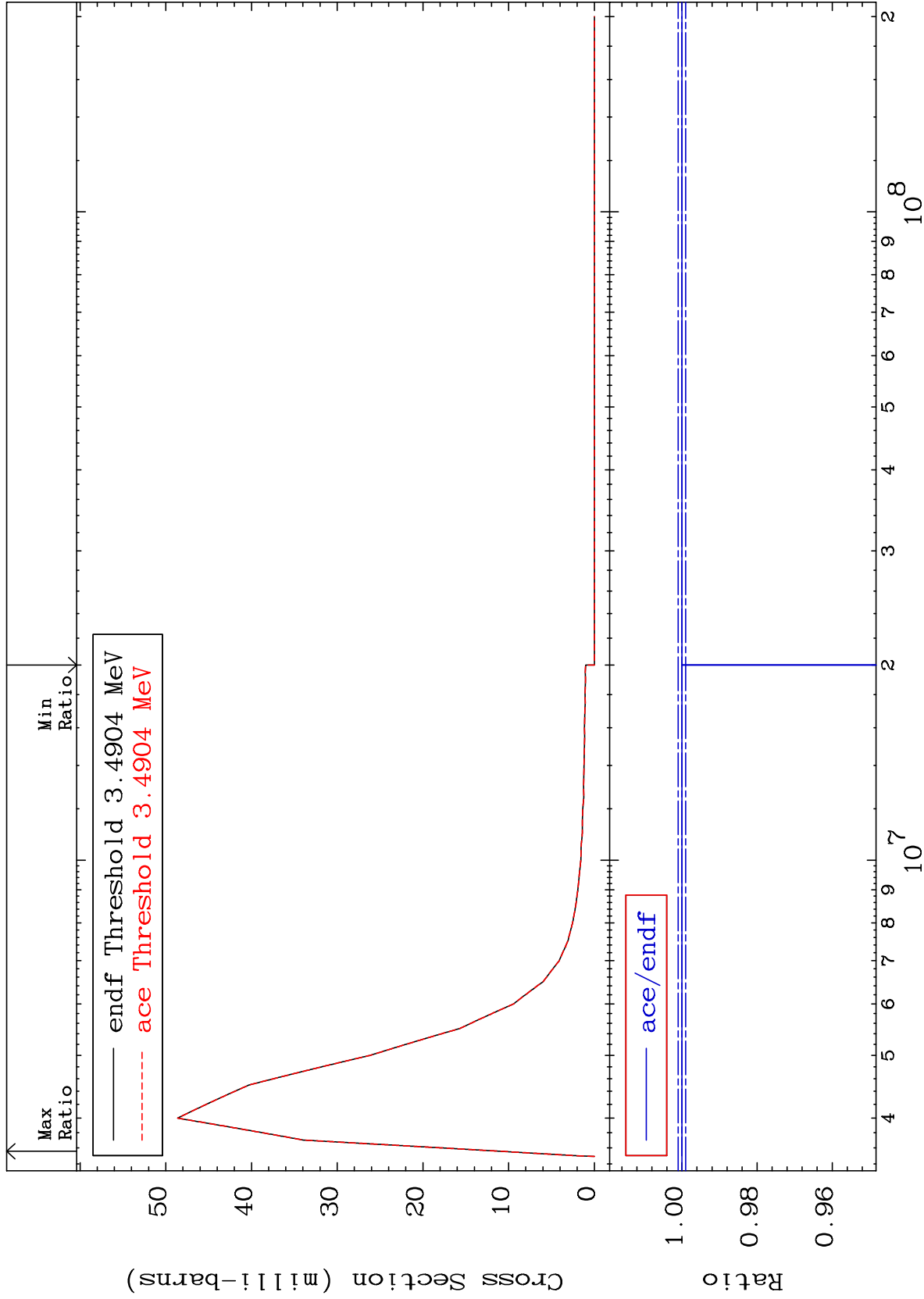
MAT 3925      3.411 MeV (n,n') Level      39-Y -89  
 Cross Section      -100.0 To 0.000 %



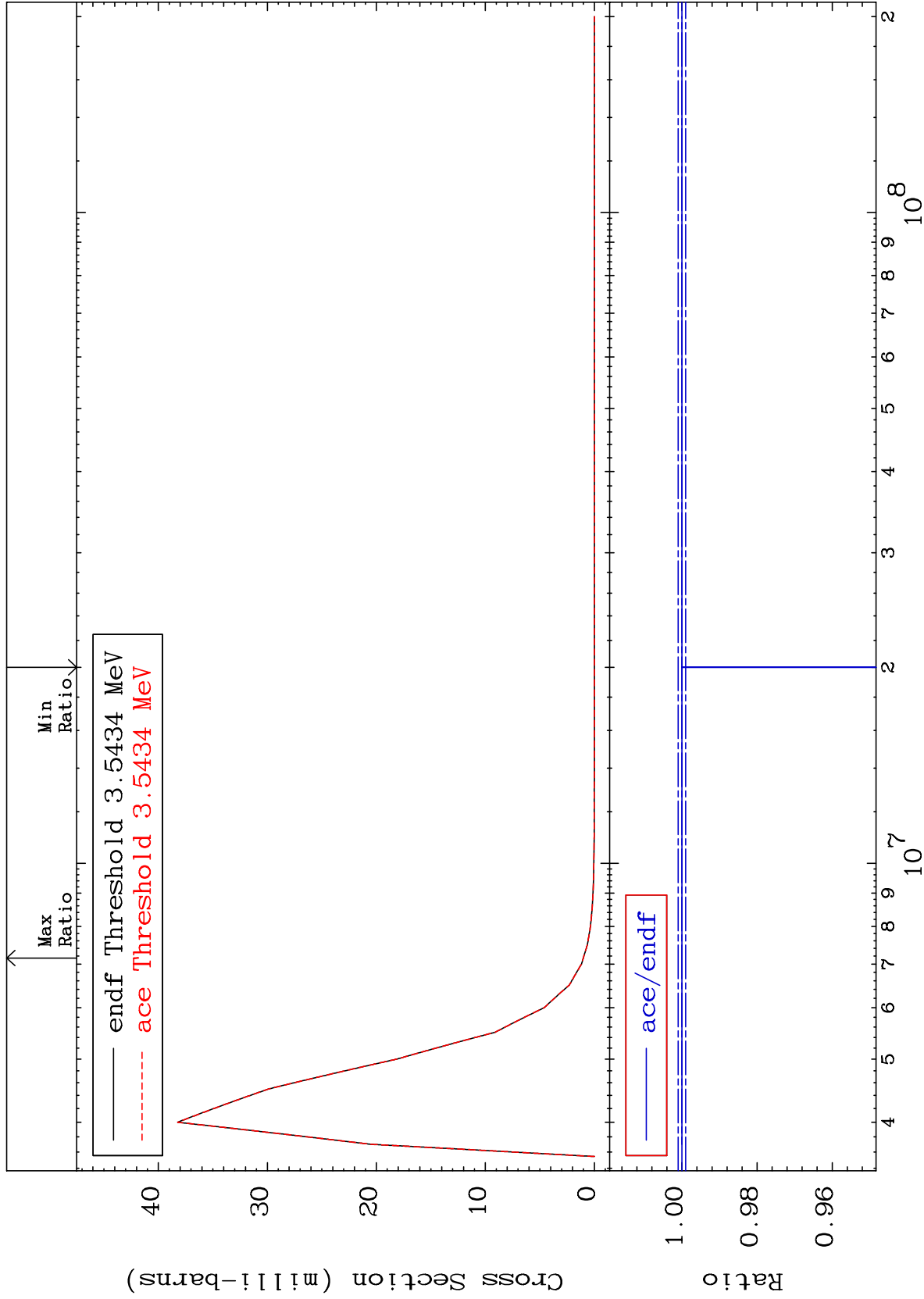
MAT 3925

3.451 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



MAT 3925      3.504 MeV (n,n') Level      39-Y -89  
 Cross Section      -100.0 To 0.000 %

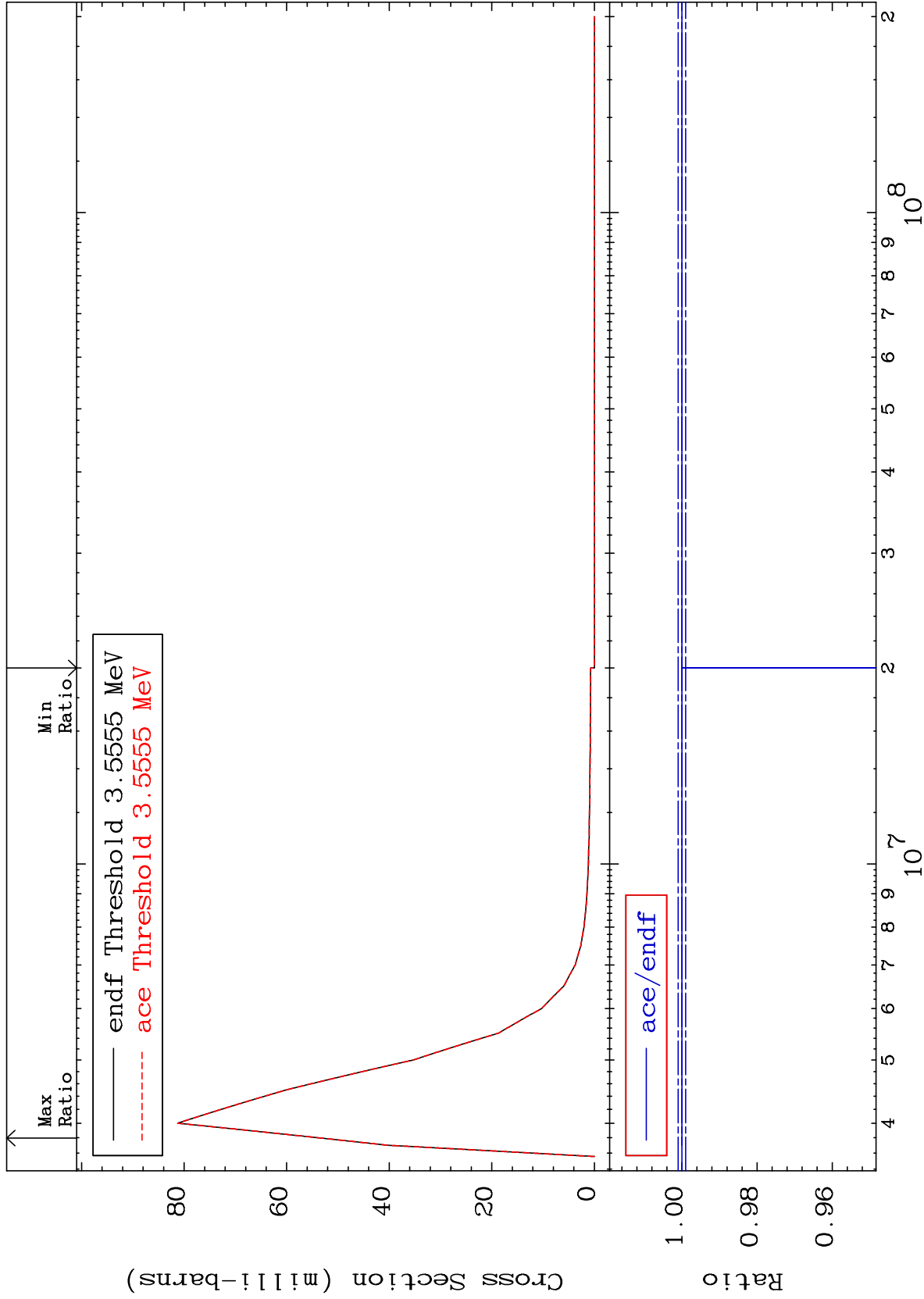




MAT 3925

3.516 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



24

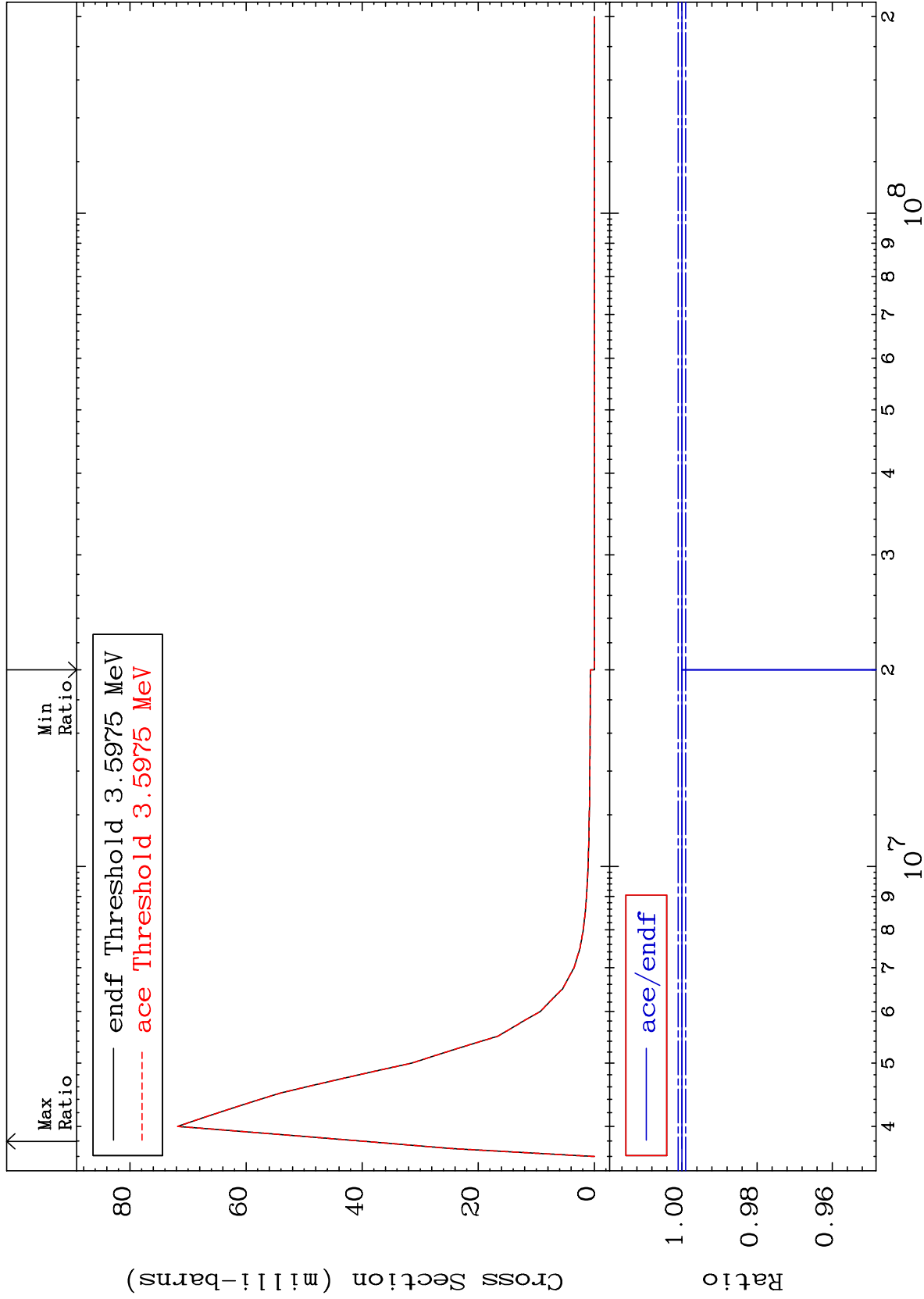
Incident Energy (eV)

39-Y -89

MAT 3925

3.557 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



25

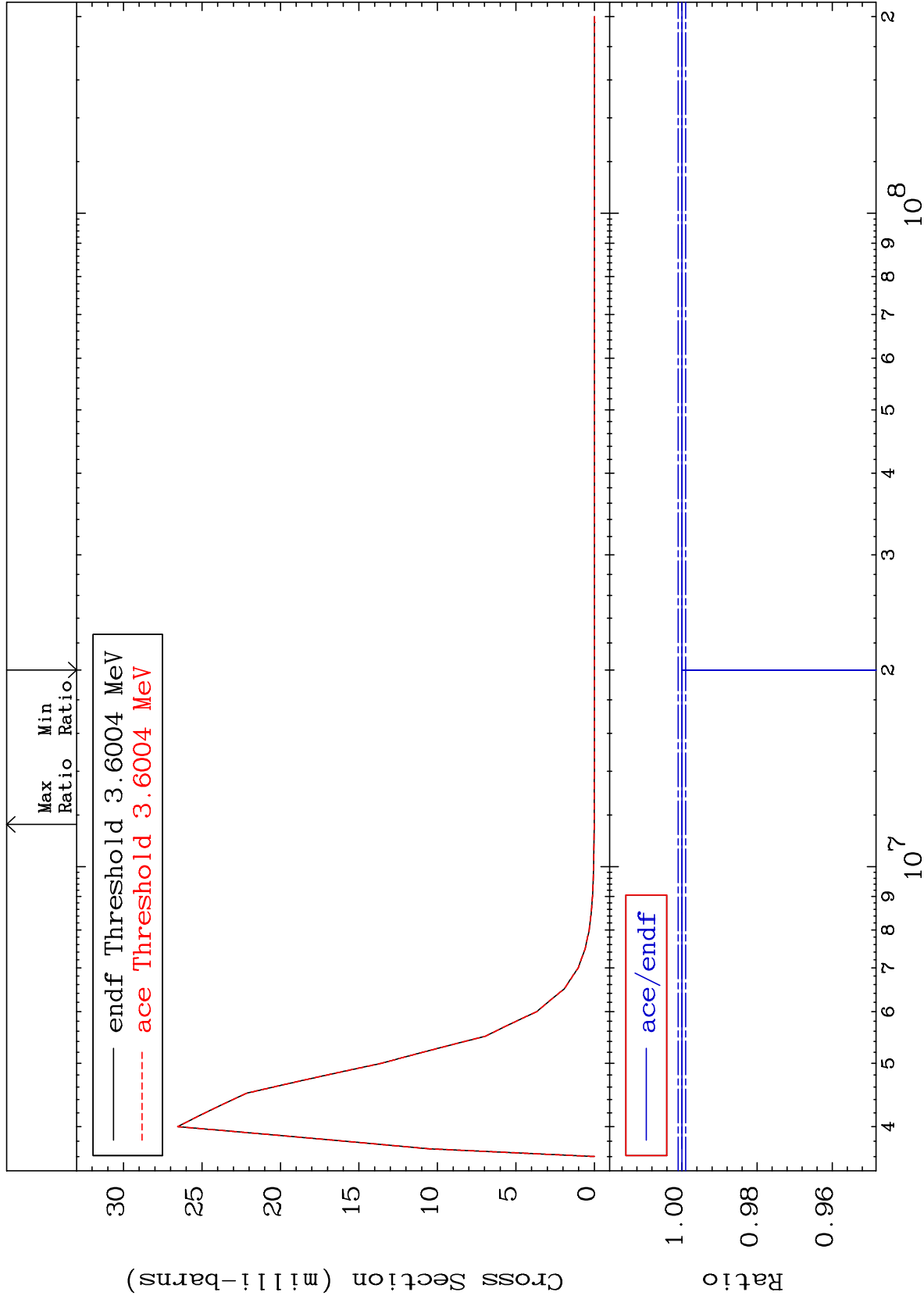
Incident Energy (eV)

39-Y -89

MAT 3925

3.560 MeV (n,n') Level  
Cross Section

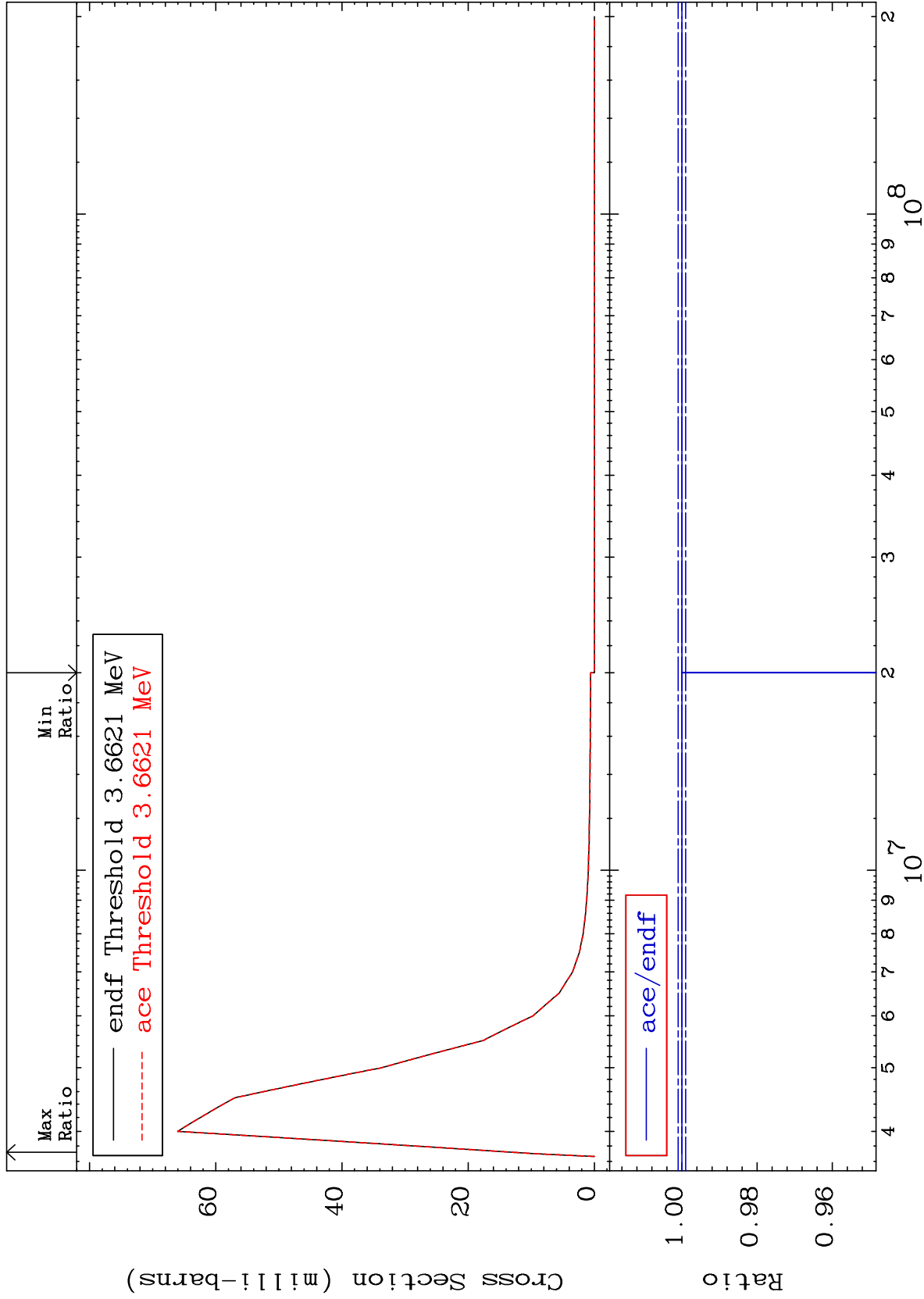
39-Y -89  
-100.0 To 0.000 %



MAT 3925

3.621 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

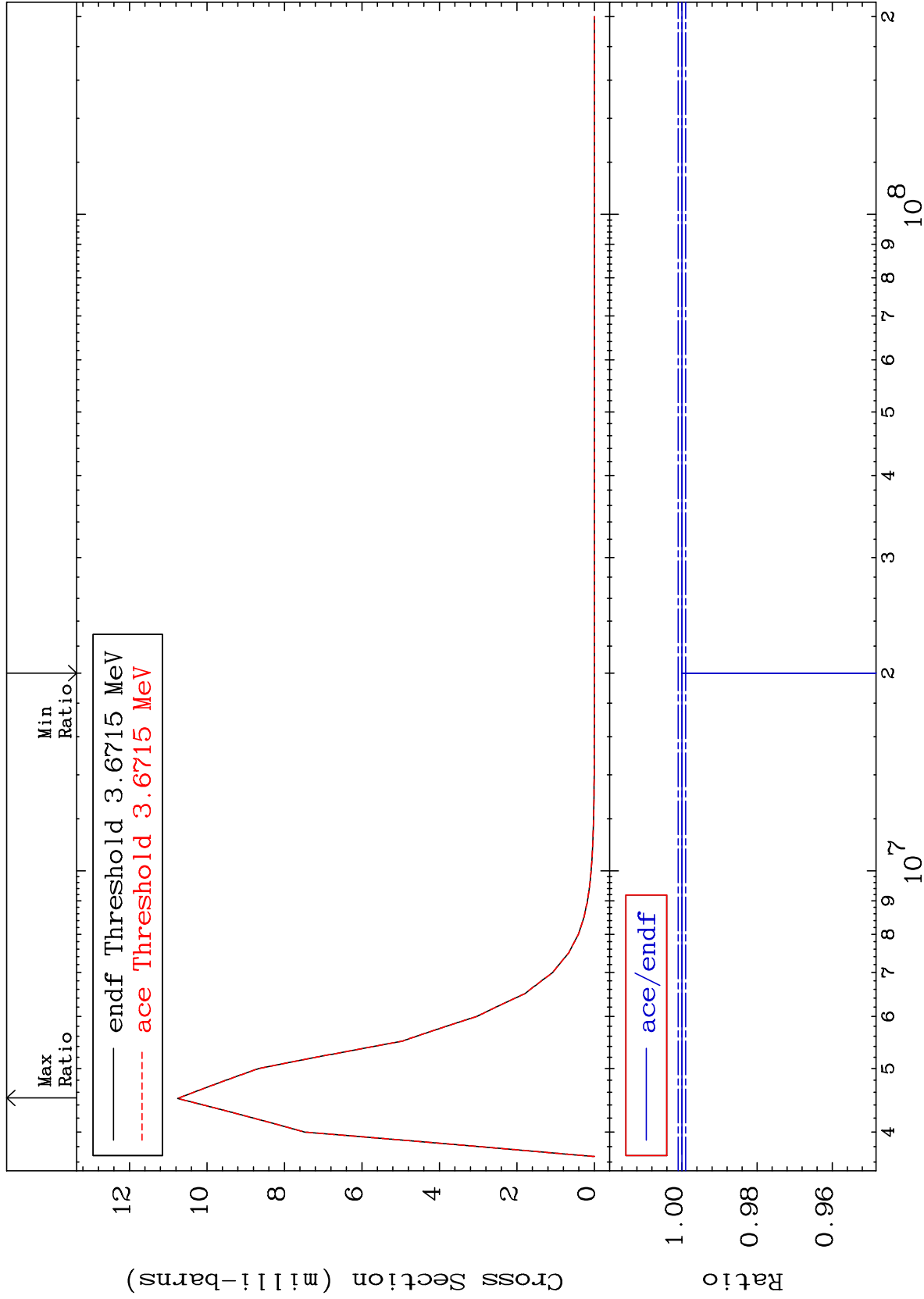


27

Incident Energy (eV)

39-Y -89

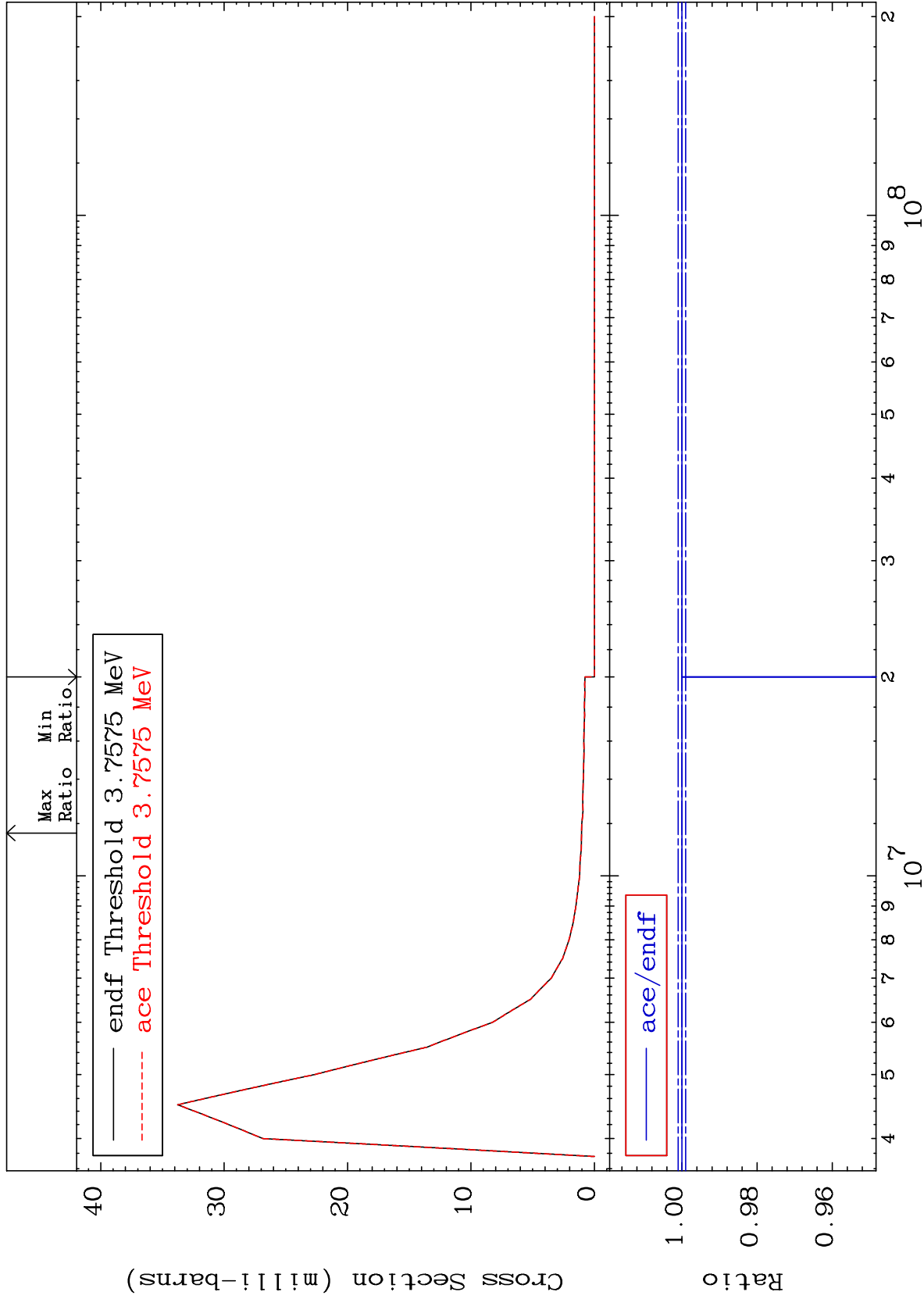
MAT 3925      3.630 MeV (n,n') Level      39-Y -89  
 Cross Section      -100.0 To 0.000 %



MAT 3925

3.715 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



29

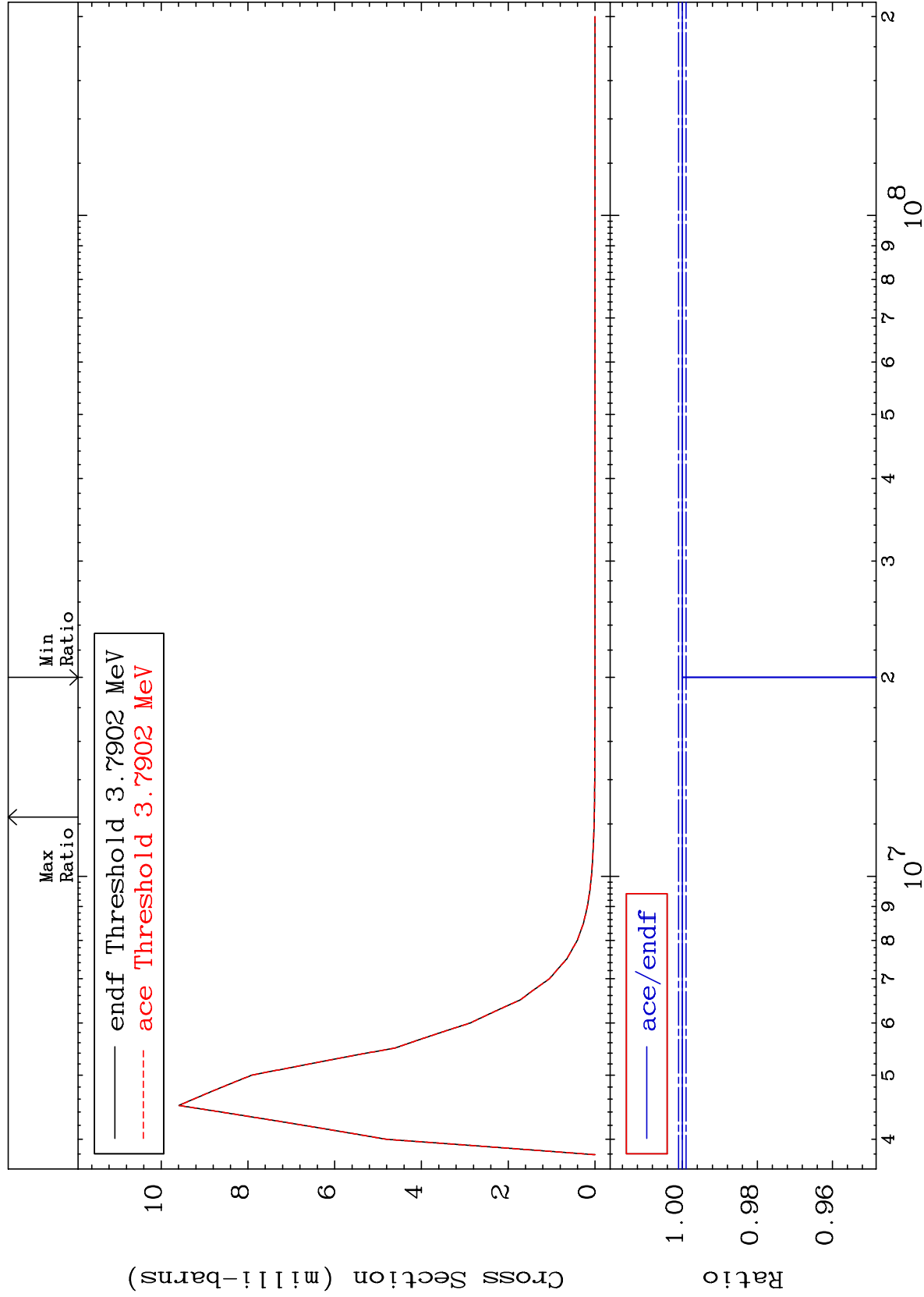
Incident Energy (eV)

39-Y -89

MAT 3925

3.748 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



30

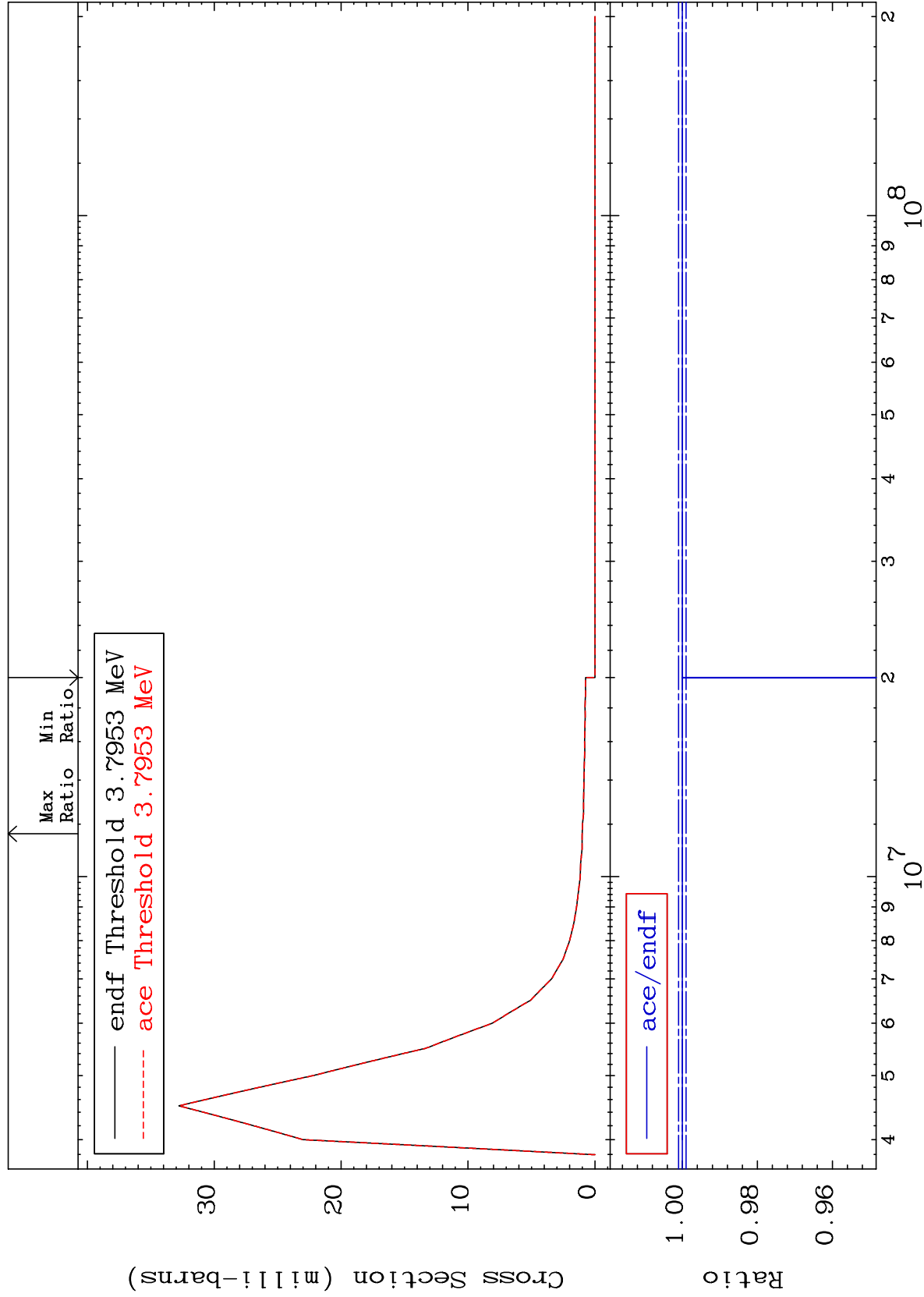
Incident Energy (eV)

39-Y -89

MAT 3925

3.753 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

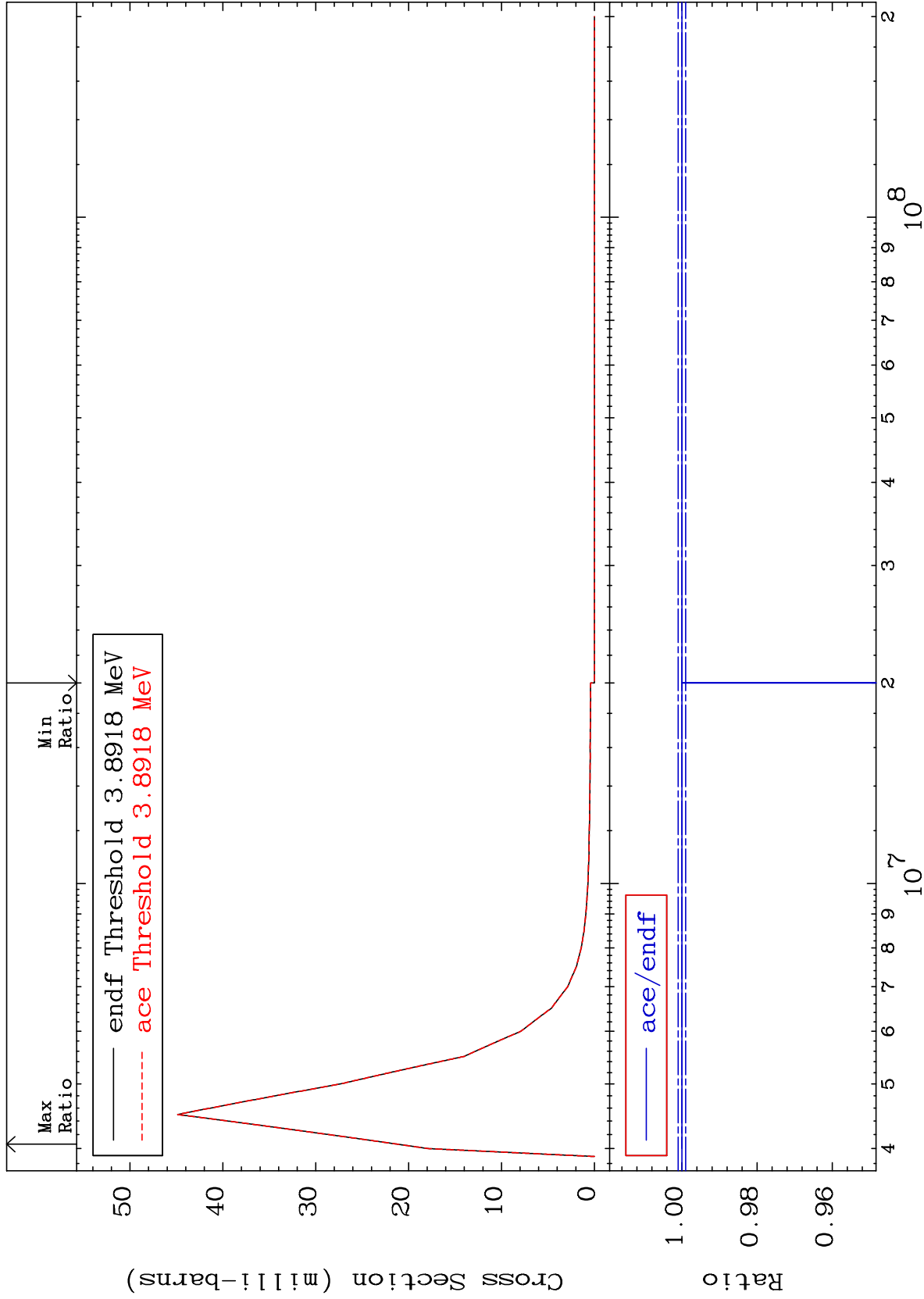




MAT 3925

3.848 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

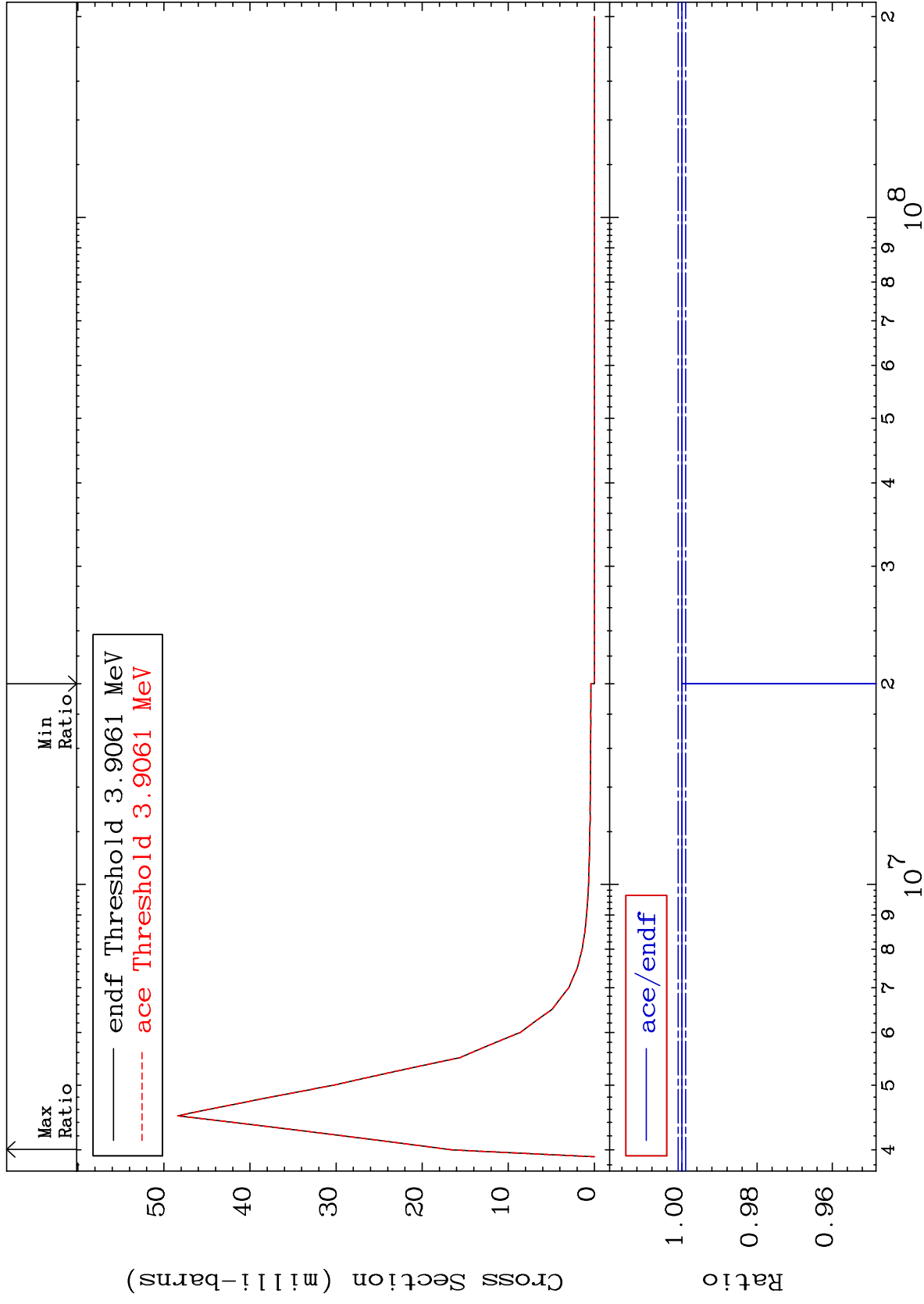


32

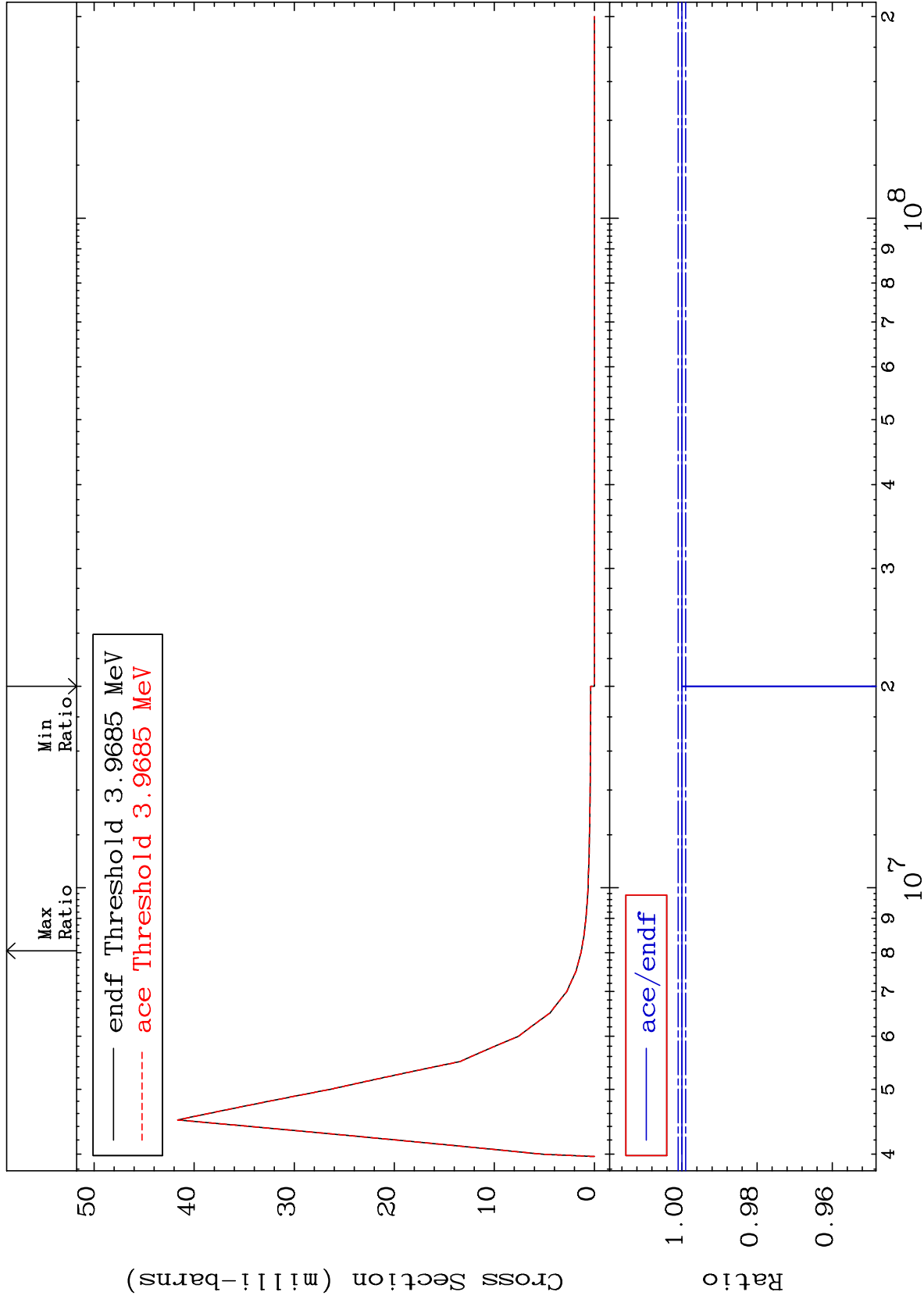
Incident Energy (eV)

39-Y -89

MAT 3925      3.862 MeV (n,n') Level      39-Y -89  
 Cross Section      -100.0 To 0.000 %



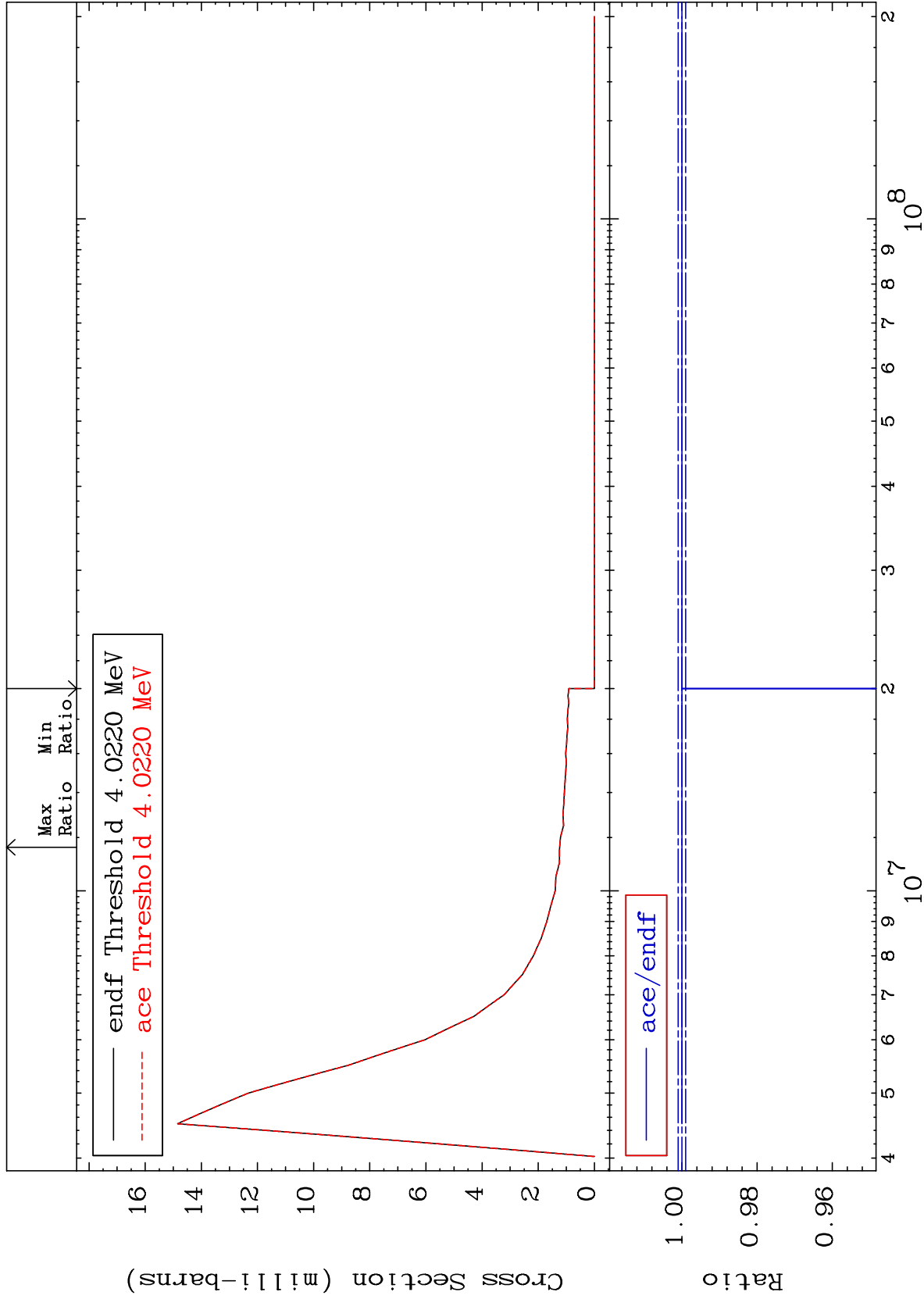
MAT 3925 3.924 MeV (n,n') Level -100.0 To 0.000 % 39-Y -89



MAT 3925

3.977 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



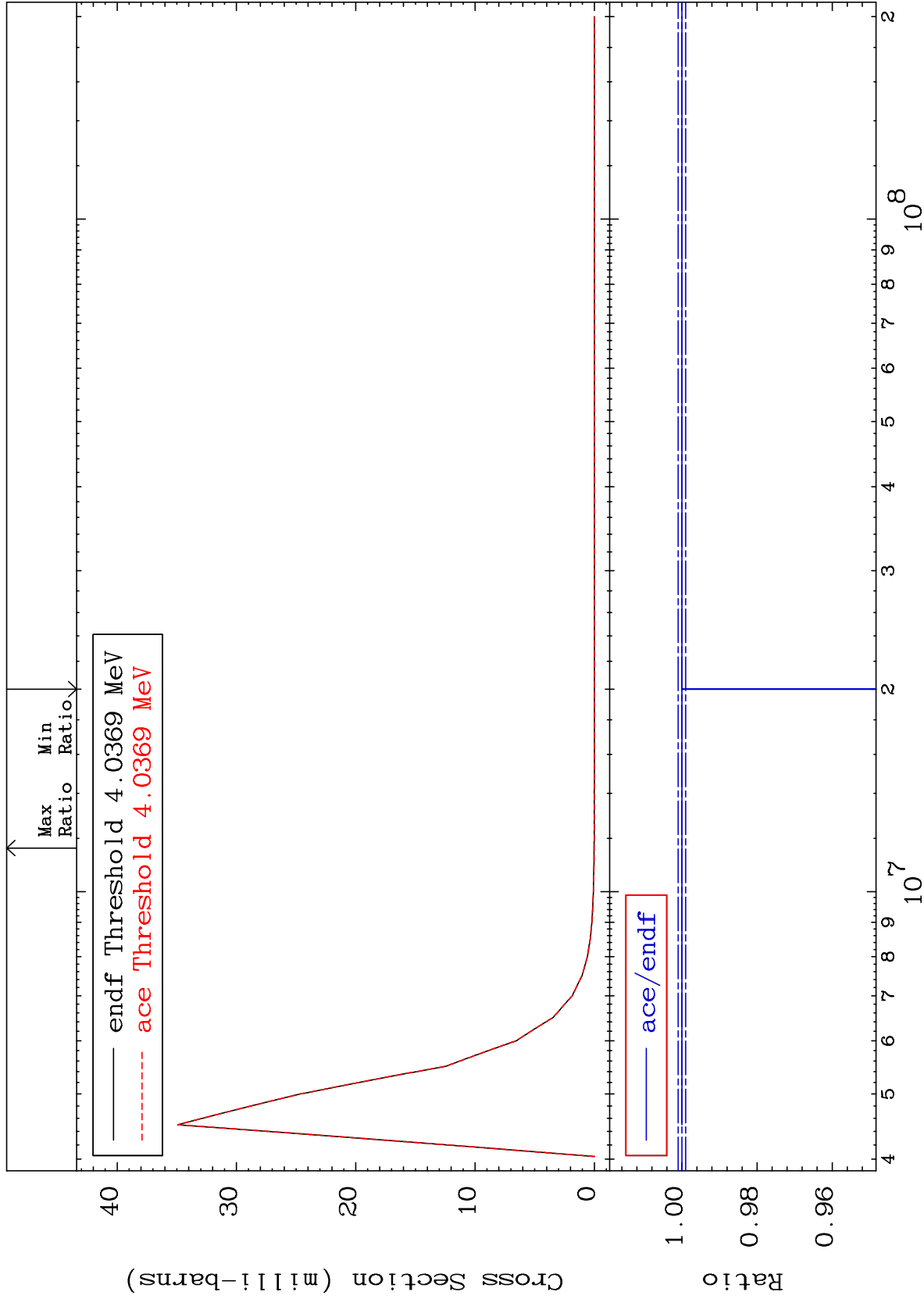
35

39-Y -89

MAT 3925

3.992 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



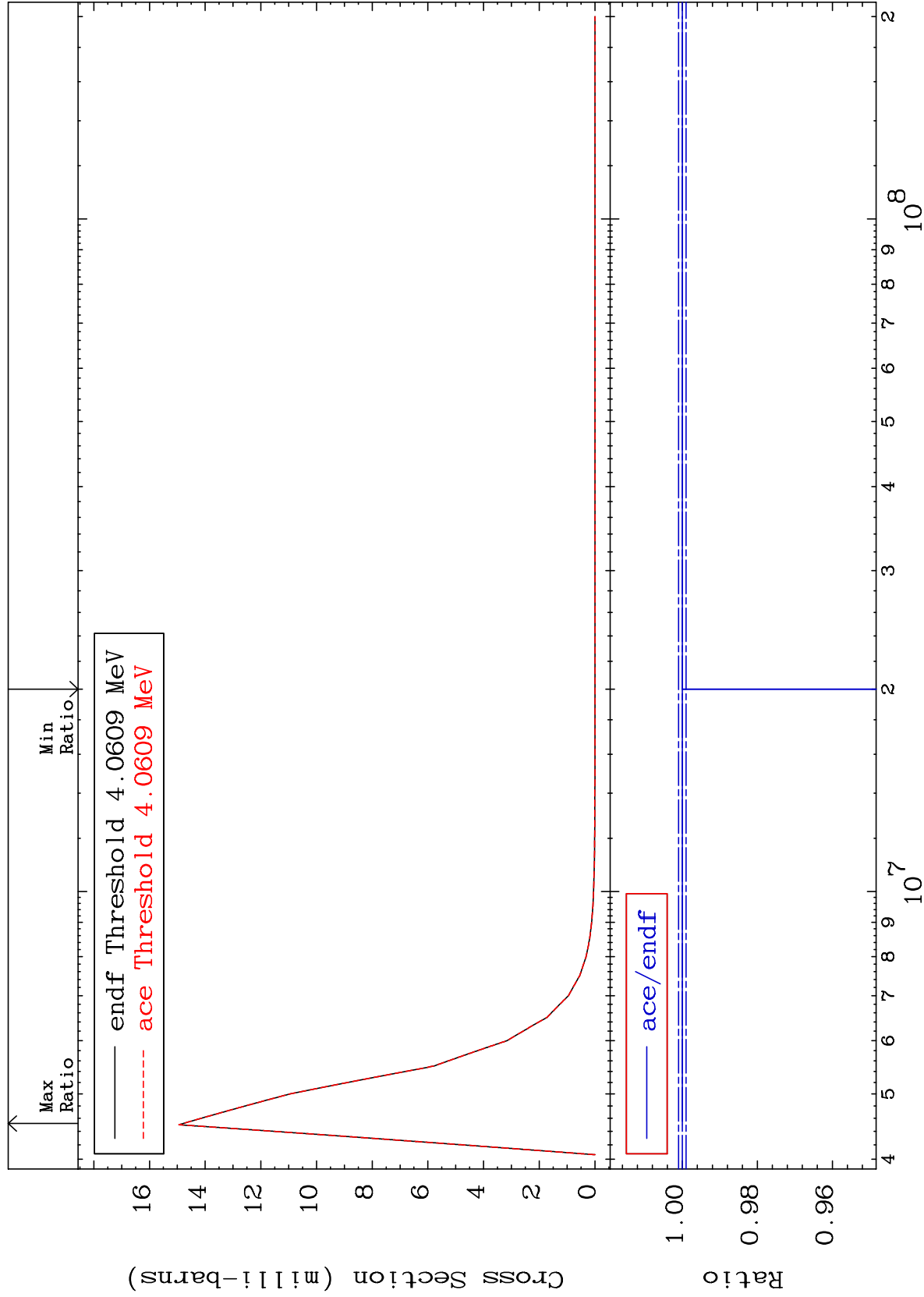
36

39-Y -89

MAT 3925

4.015 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



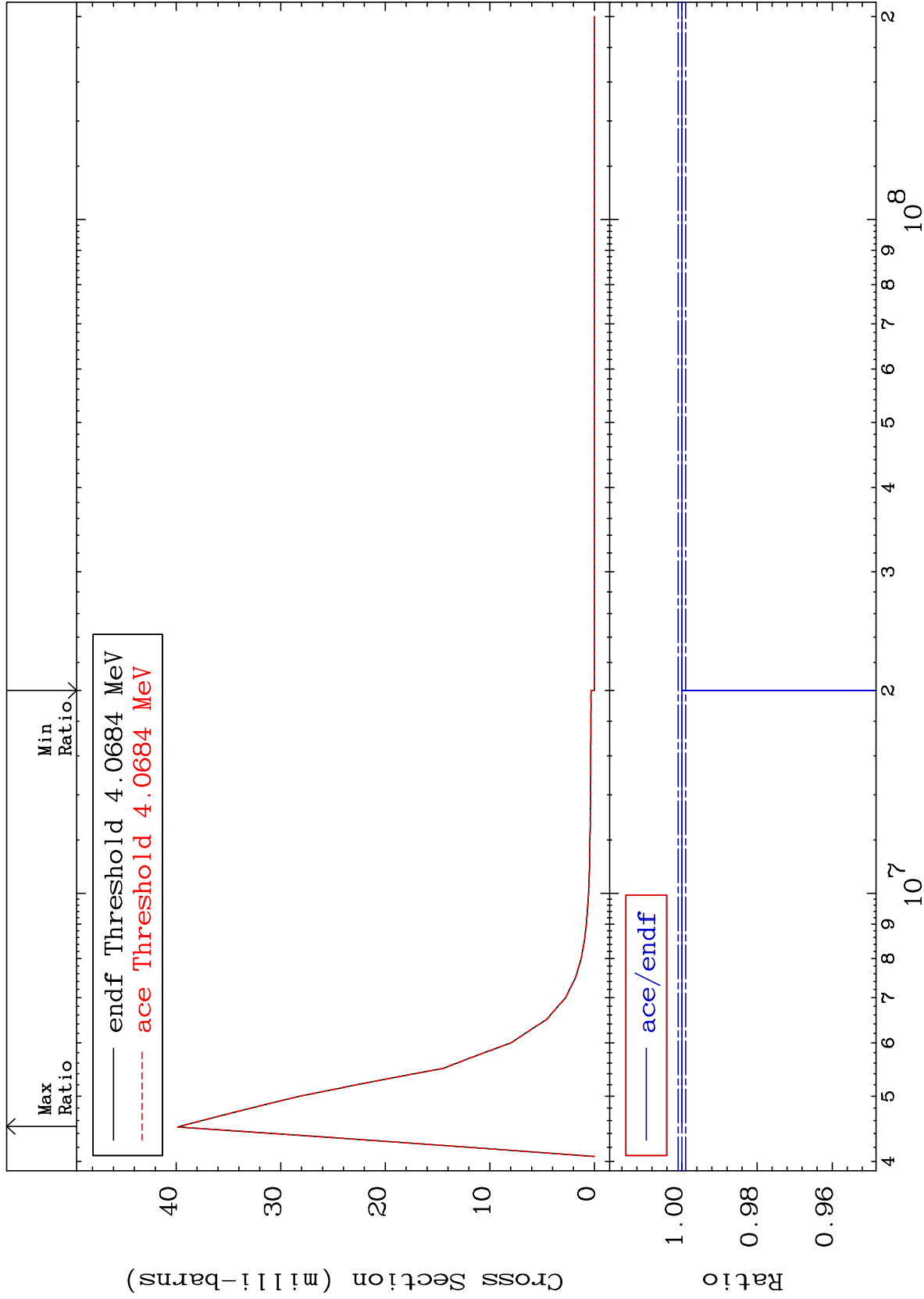
37

39-Y -89

MAT 3925

4.023 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



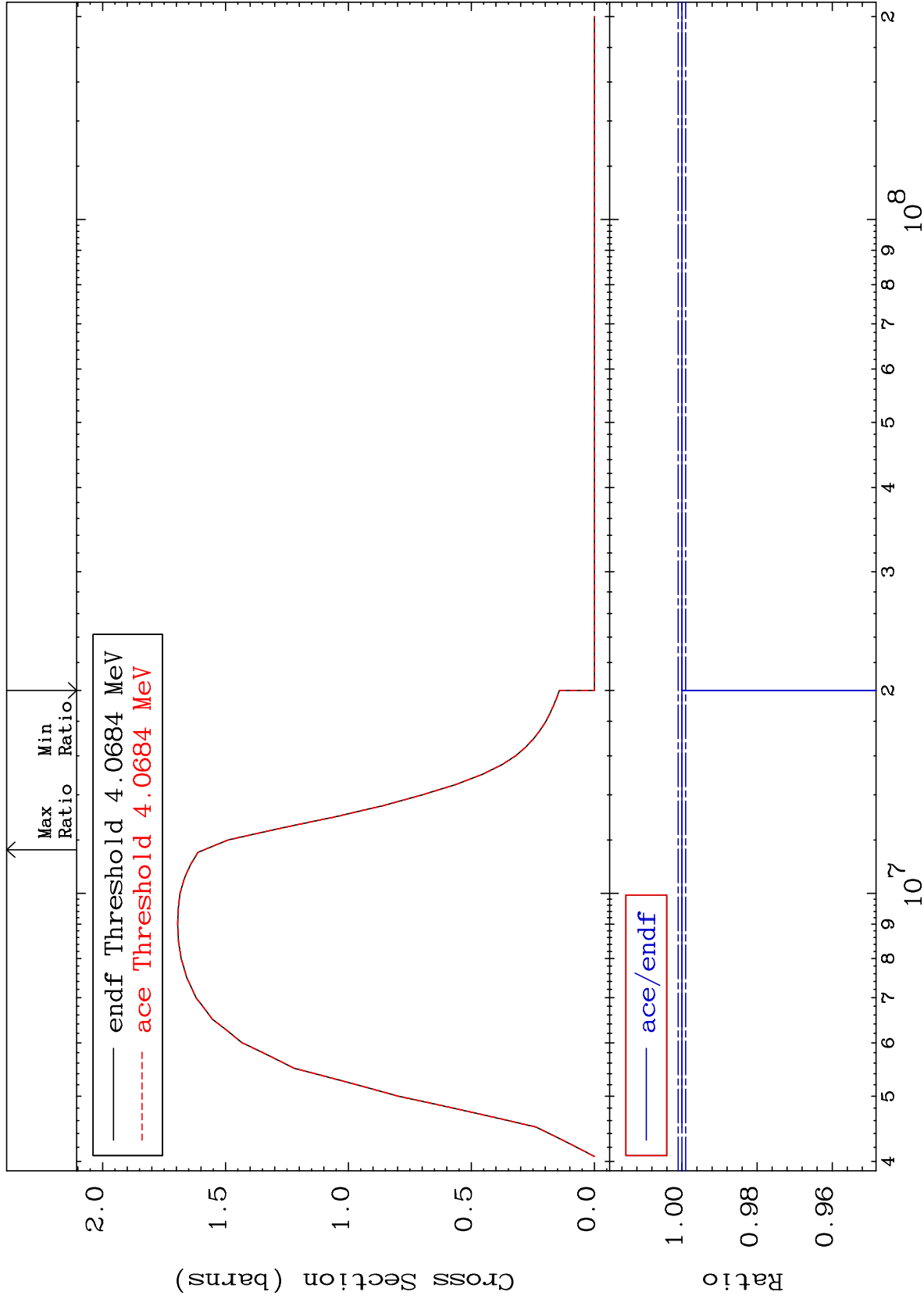
38

39-Y -89

MAT 3925

(n,n') Continuum  
Cross Section

39-Y -89  
-100.0 To 0.000 %



39

Incident Energy (eV)

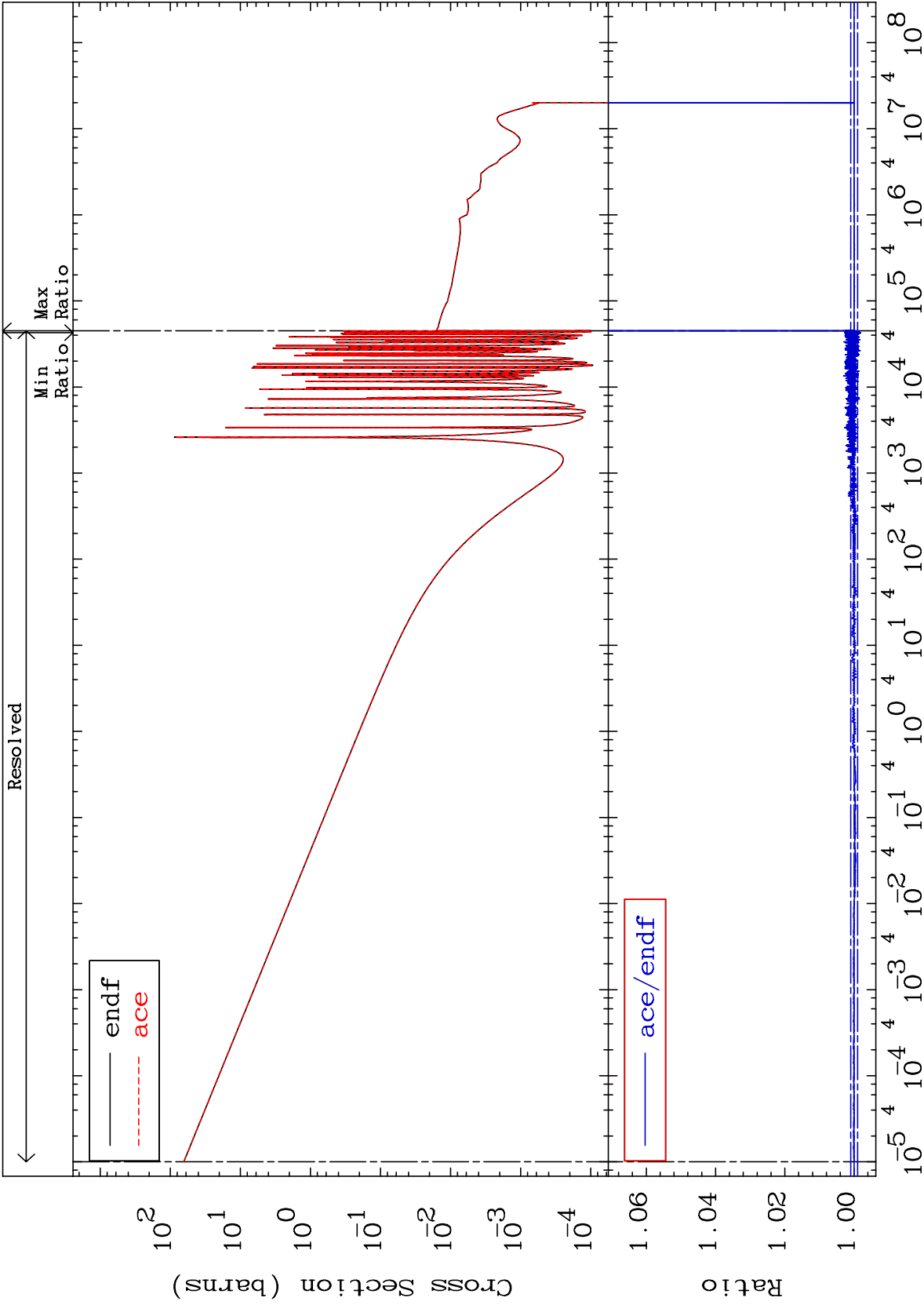
39-Y -89



MAT 3925

(n,  $\gamma$ )  
Cross Section

39-Y -89  
-0.186 To 98.53 %



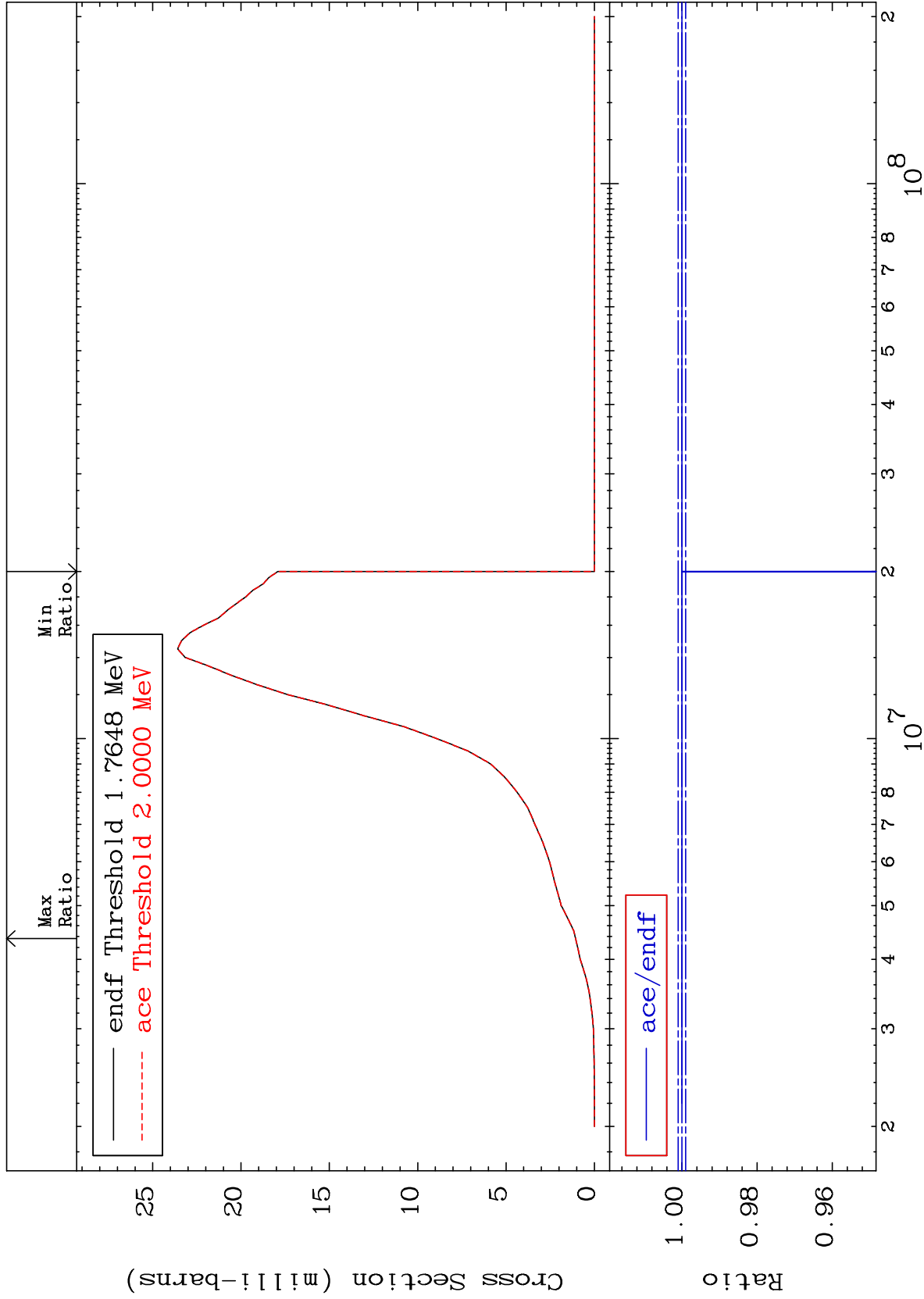
MAT 3925

(n,p)

39-Y -89

Cross Section

-100.0 To 0.000 %



41

Incident Energy (eV)

39-Y -89

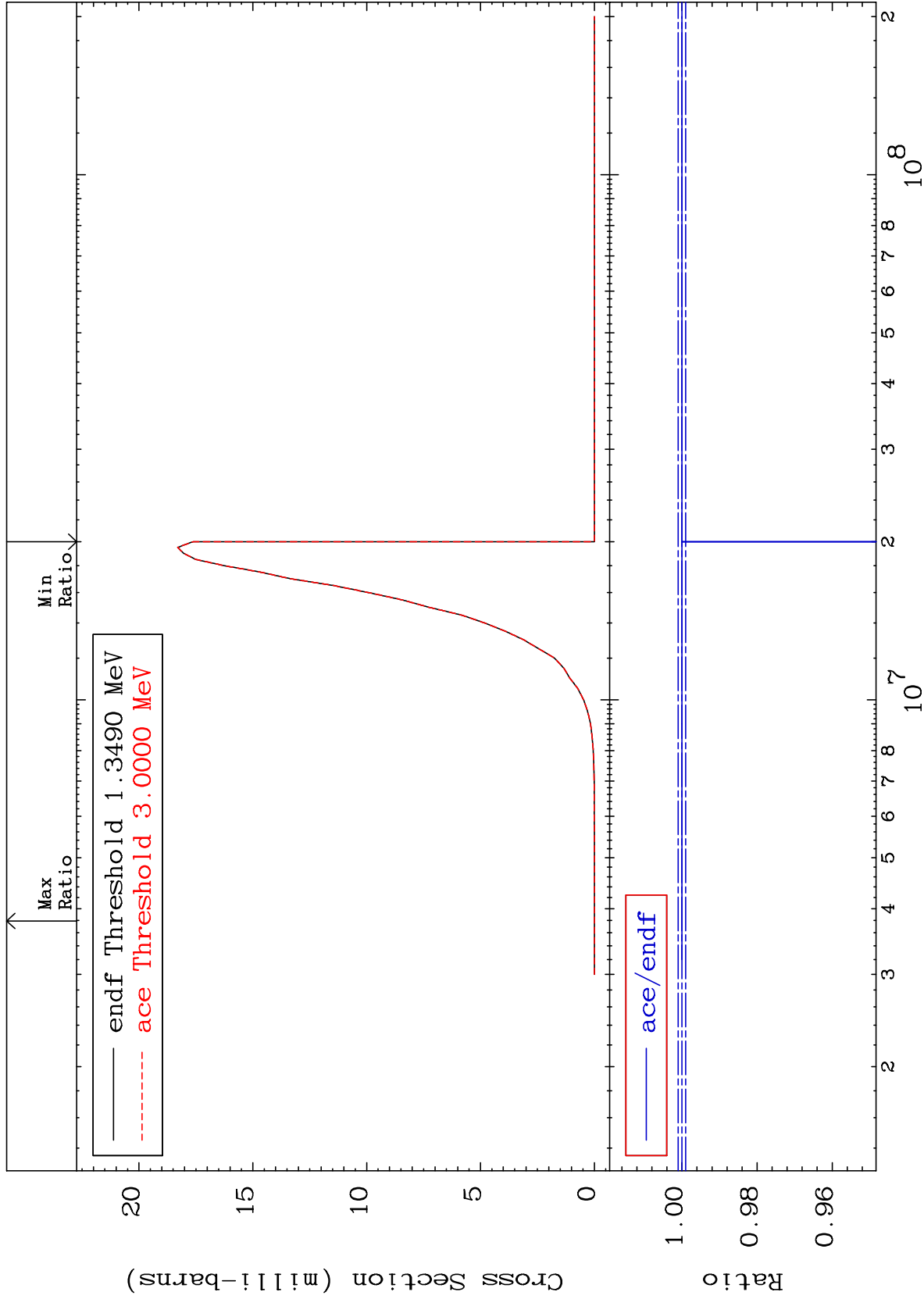
MAT 3925

(n,  $\alpha$ )

39-Y -89

Cross Section

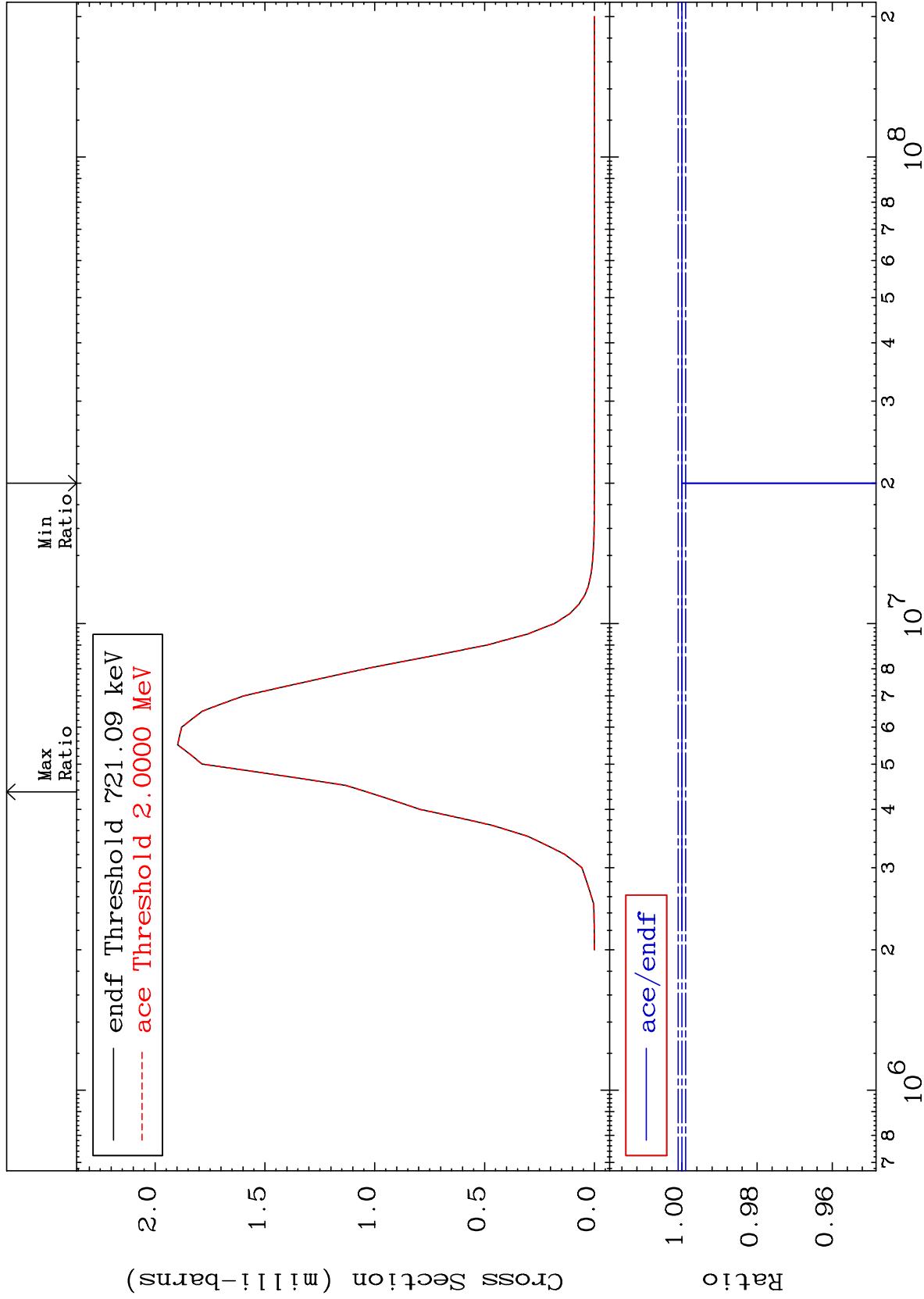
-100.0 To 0.000 %



MAT 3925

(n, p') Ground  
Cross Section

39-Y -89  
-100.0 To 0.000 %



43

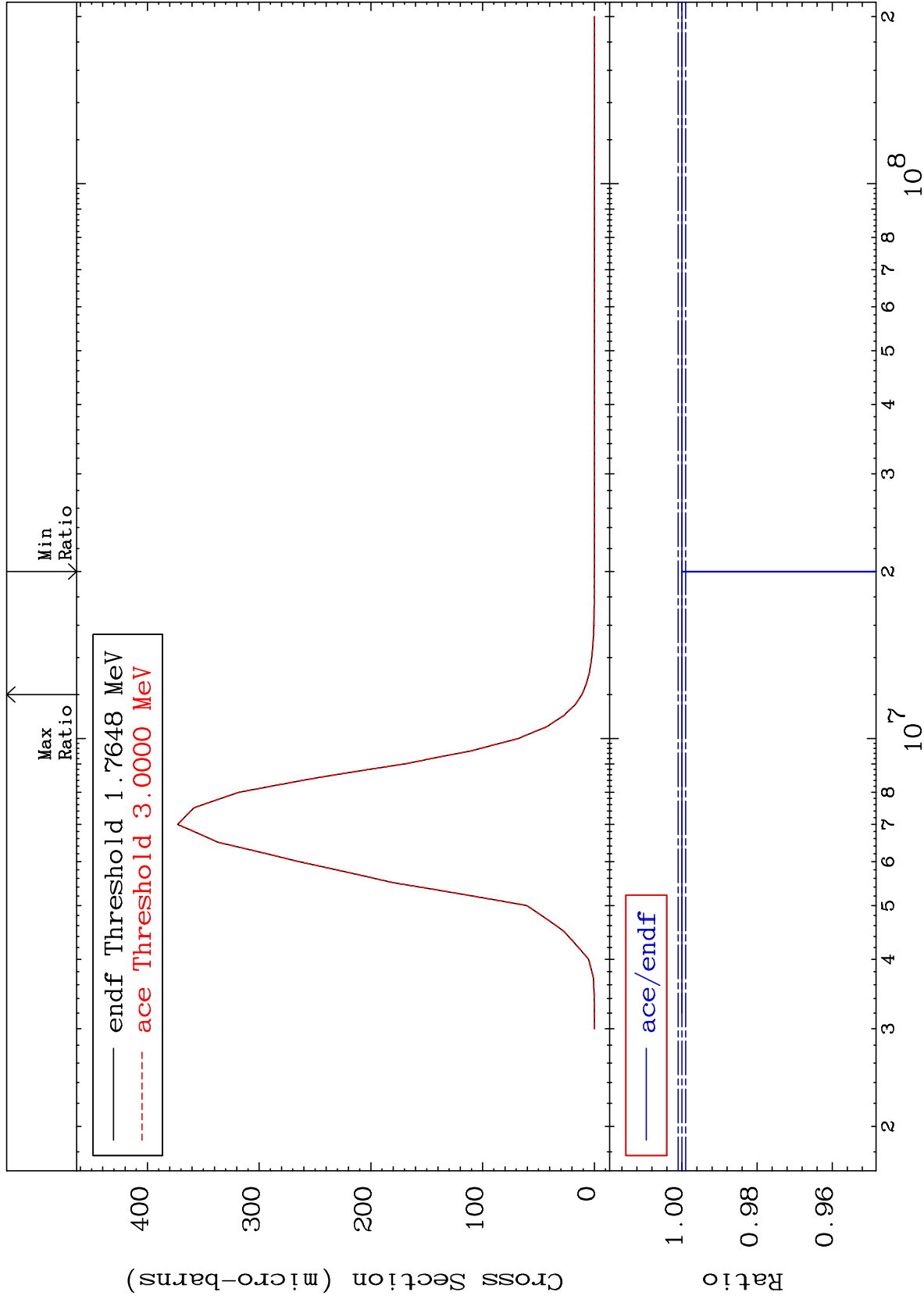
Incident Energy (eV)

39-Y -89

MAT 3925

1.032 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

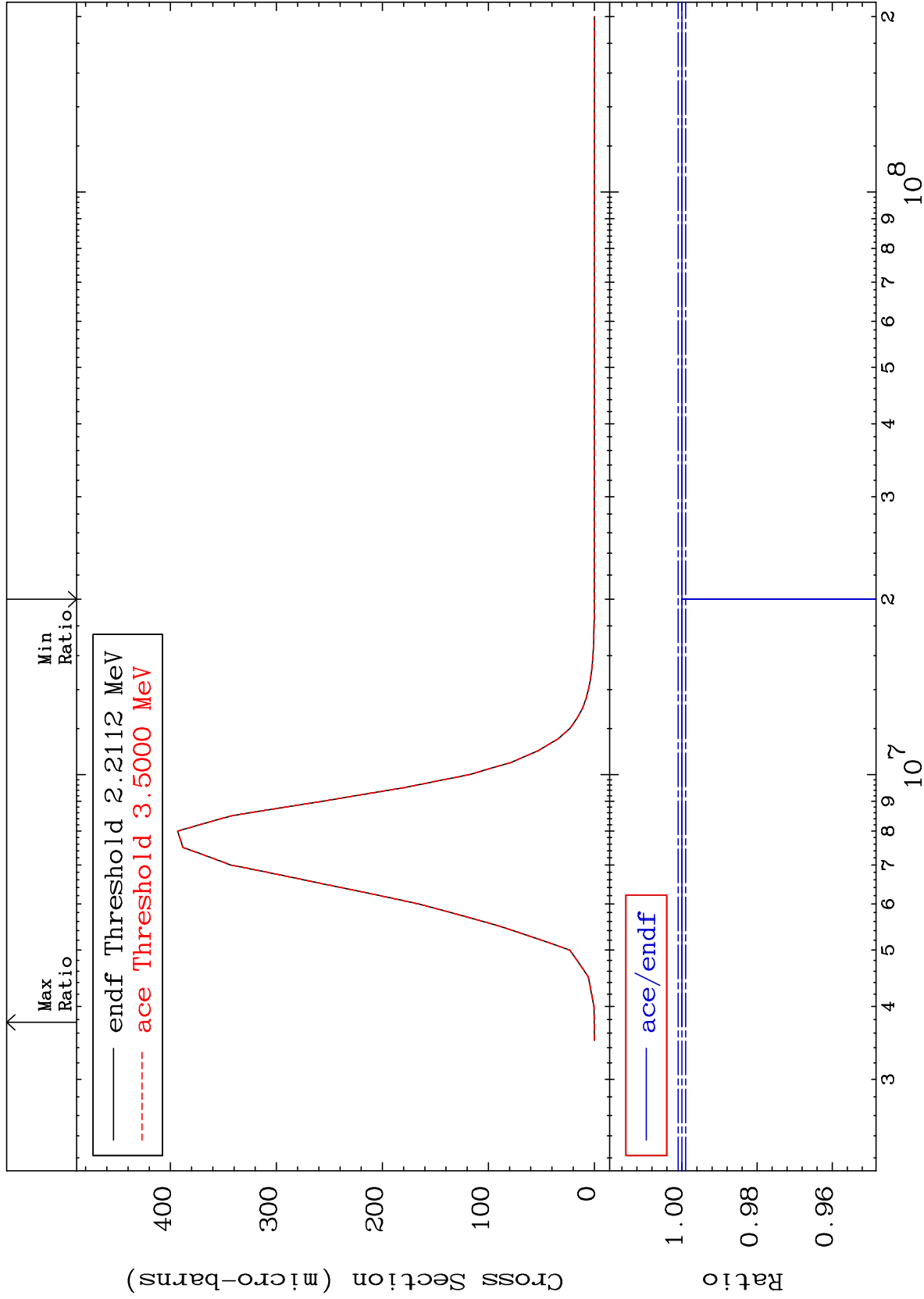


44

Incident Energy (eV)

39-Y -89

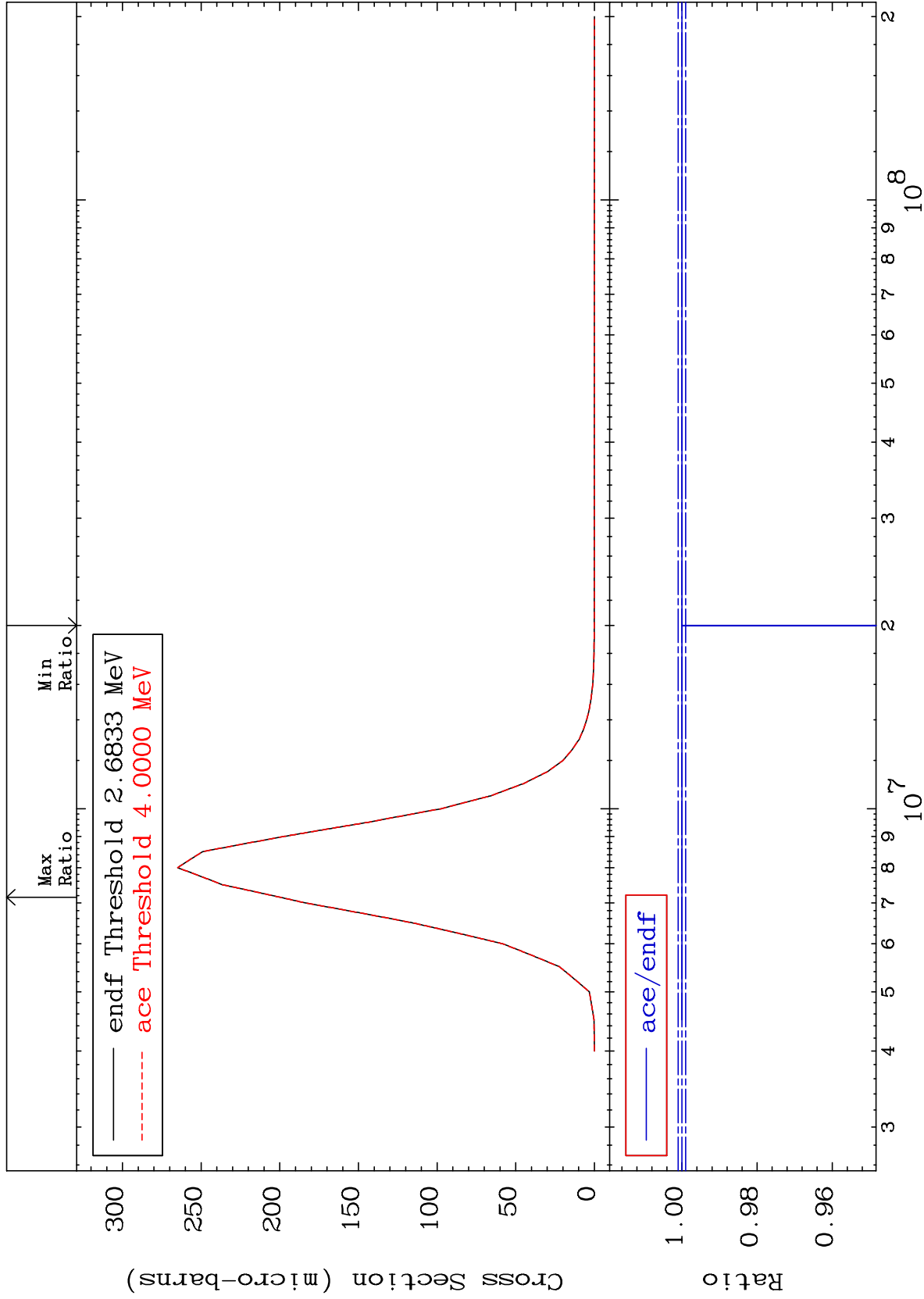
MAT 3925 1.473 MeV (n,p') Level -100.0 To 0.000 % 39-Y -89  
 Cross Section



MAT 3925

1.940 MeV (n,p') Level  
Cross Section

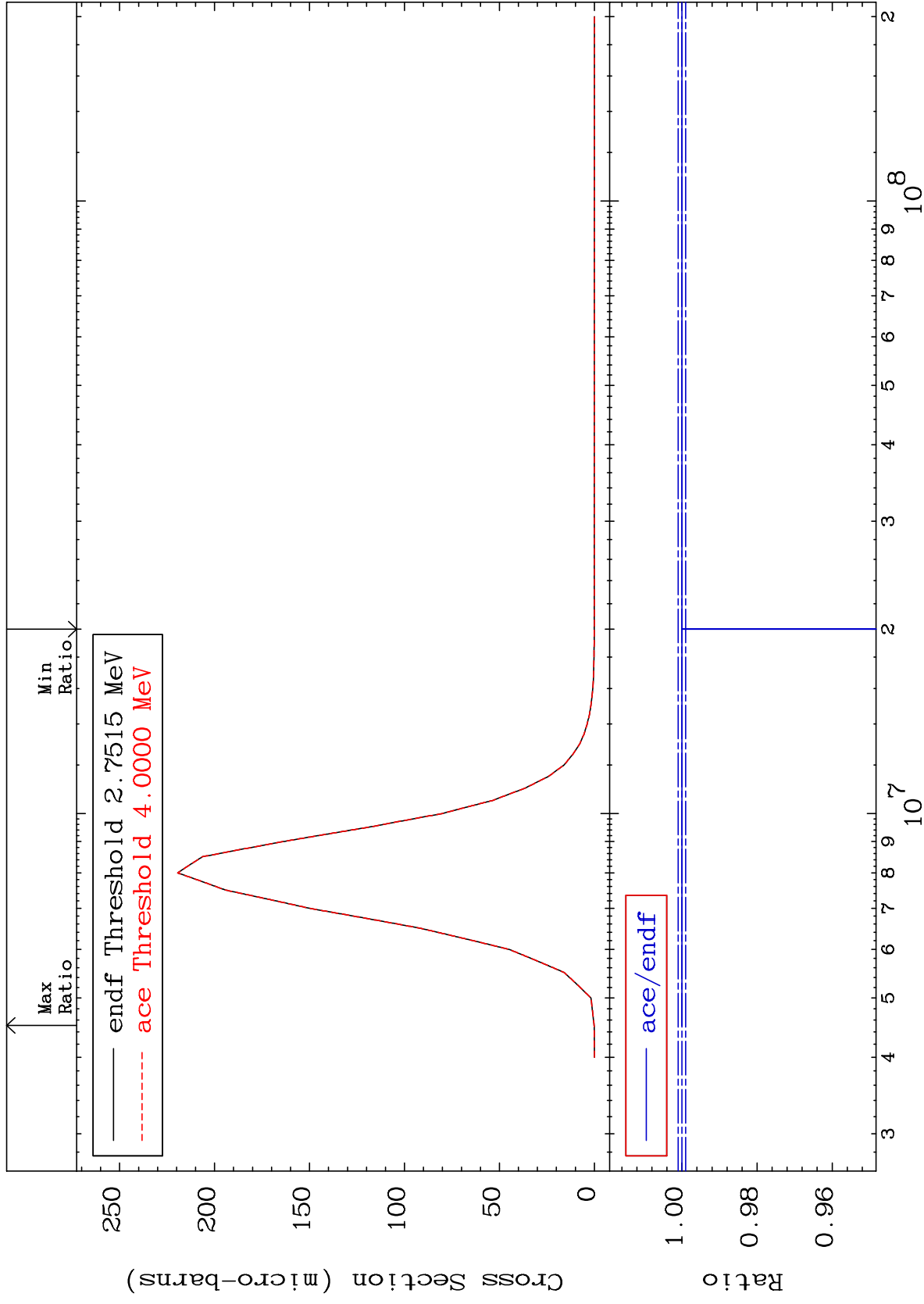
39-Y -89  
-100.0 To 0.000 %



46

39-Y -89

MAT 3925  
2.008 MeV (n,p') Level  
Cross Section  
39-Y -89  
-100.0 To 0.000 %



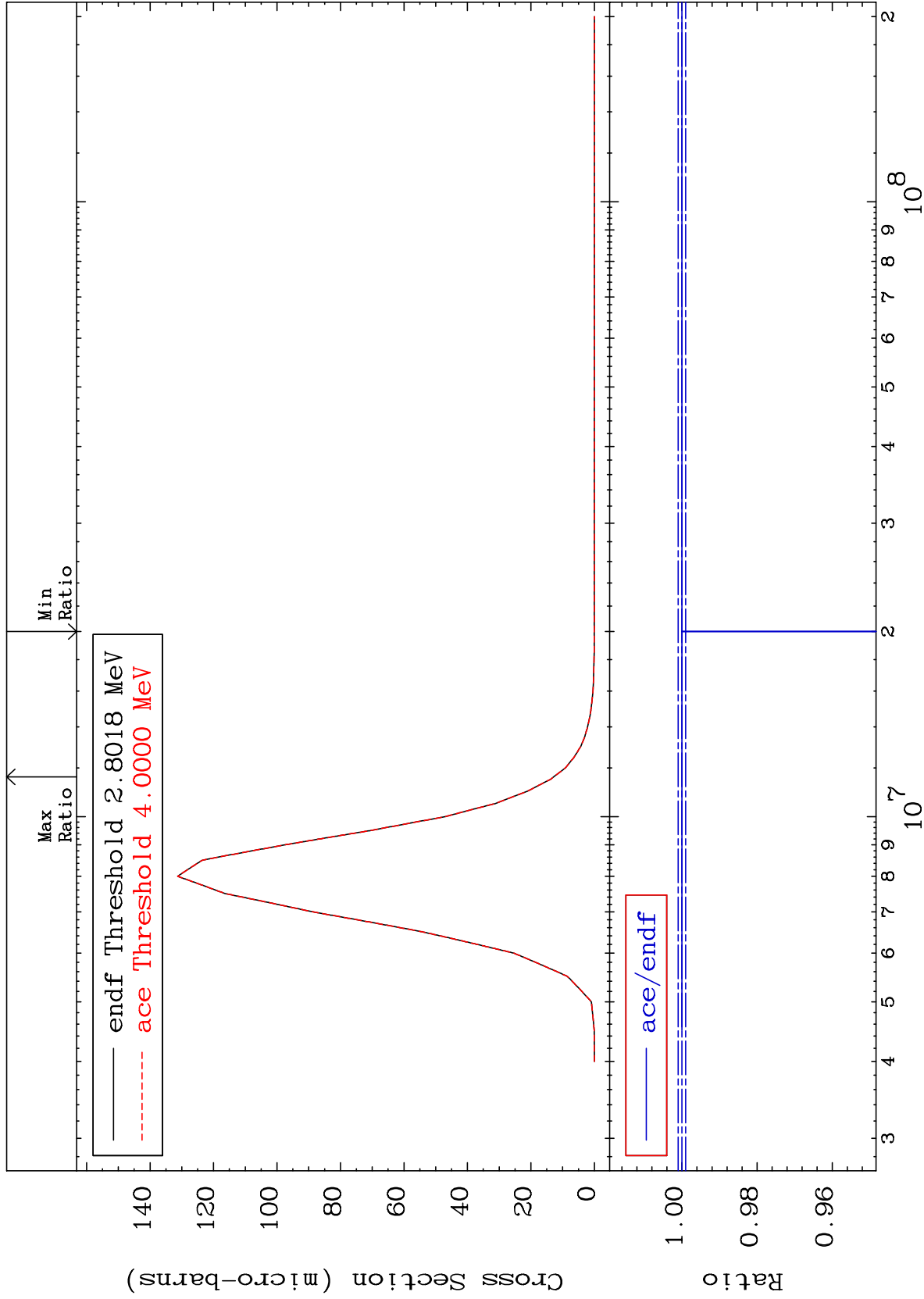
39-Y -89



MAT 3925

2.057 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



48

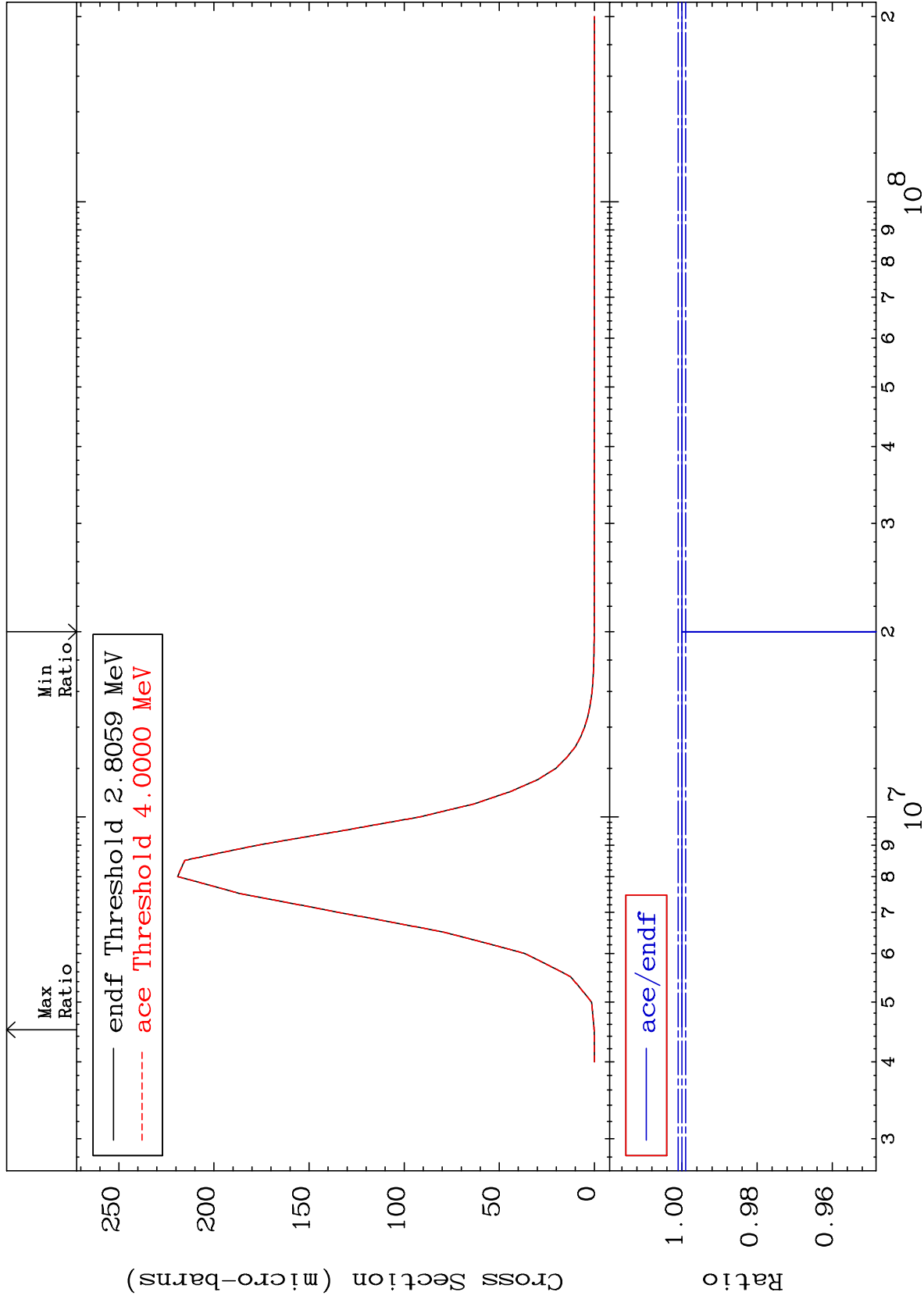
Incident Energy (eV)

39-Y -89

MAT 3925

2.061 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



49

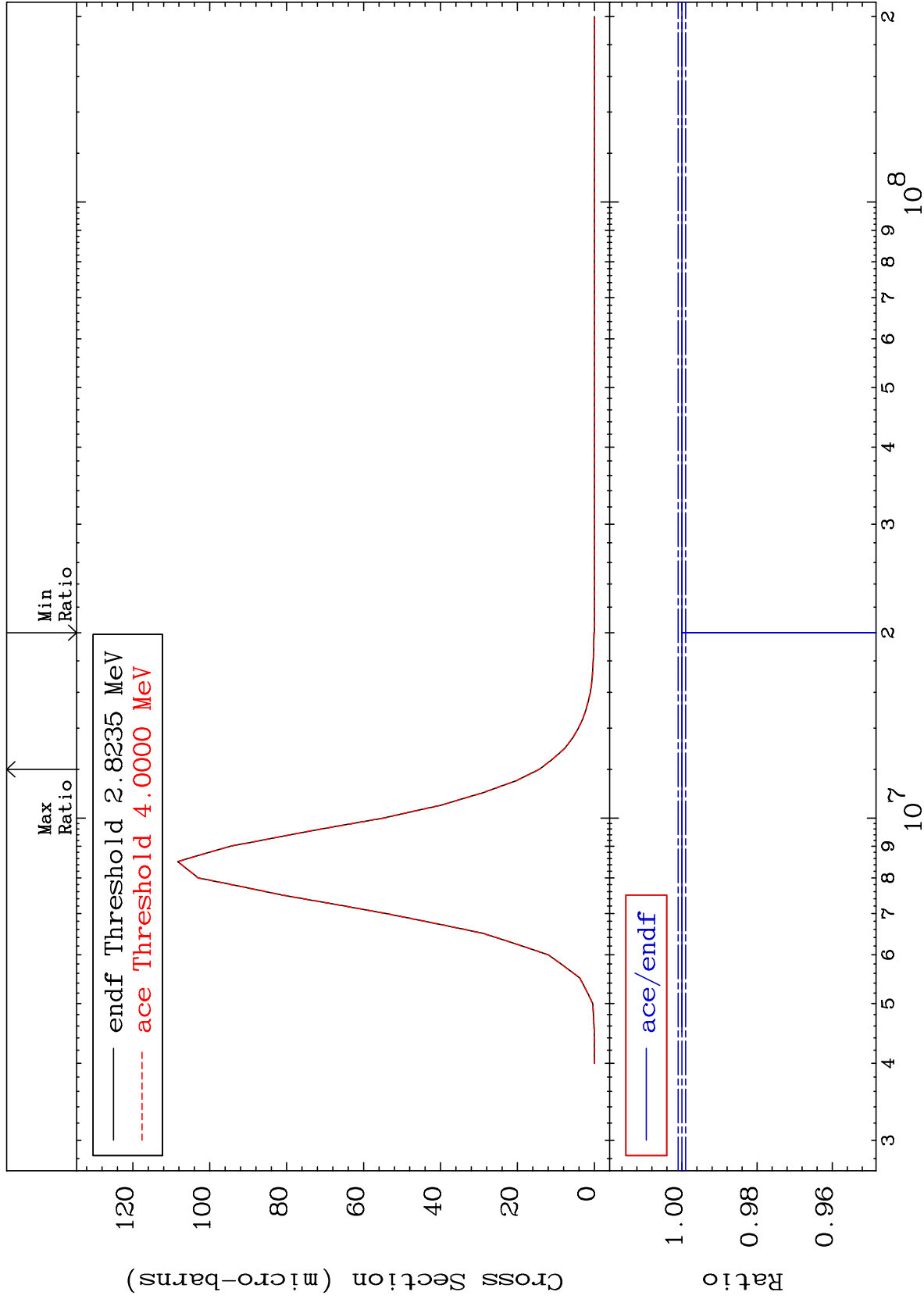
Incident Energy (eV)

39-Y -89

MAT 3925

2.079 MeV (n,p') Level  
Cross Section

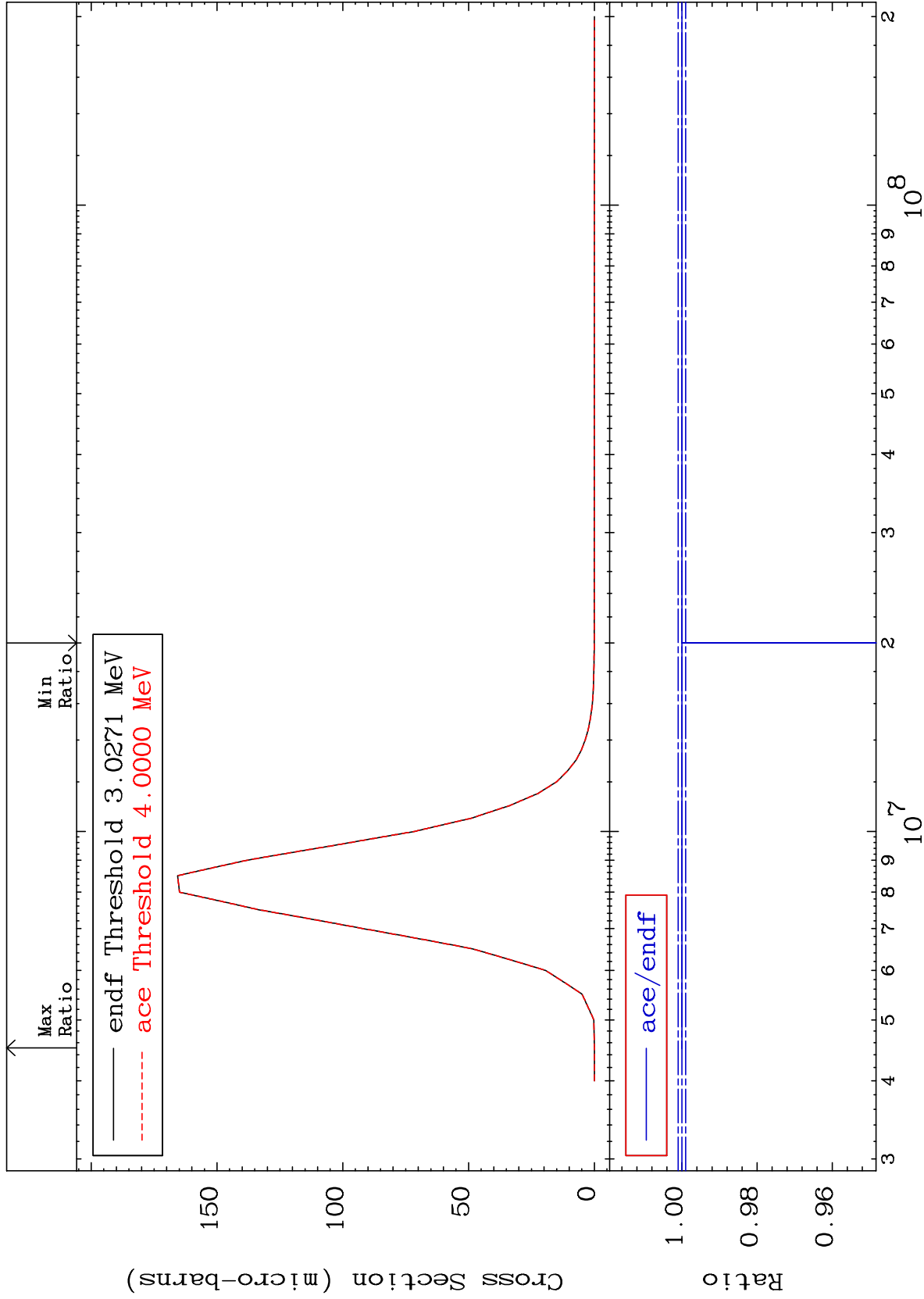
39-Y -89  
-100.0 To 0.000 %



50

Incident Energy (eV)

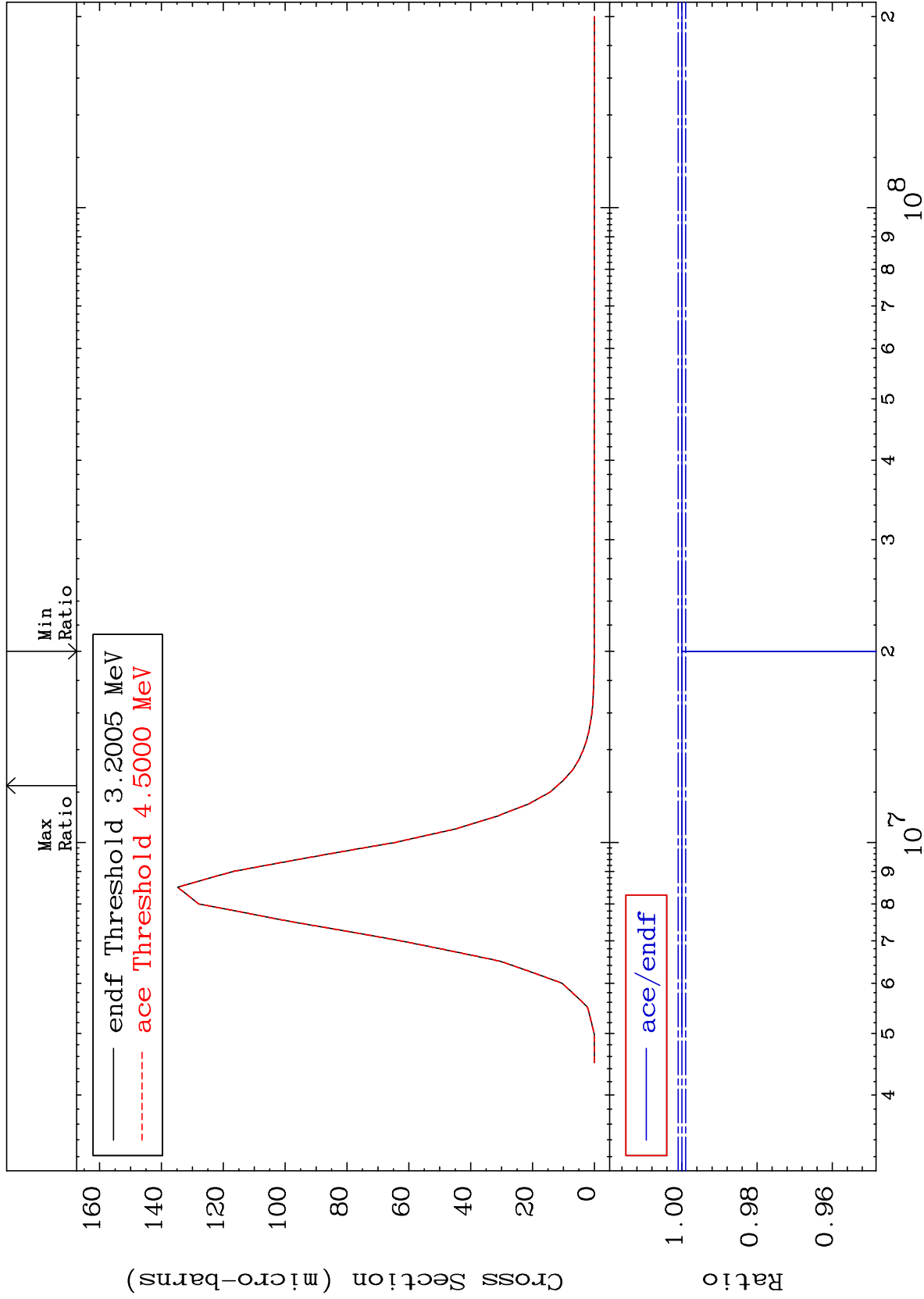
39-Y -89



MAT 3925

2.452 MeV (n,p') Level  
Cross Section

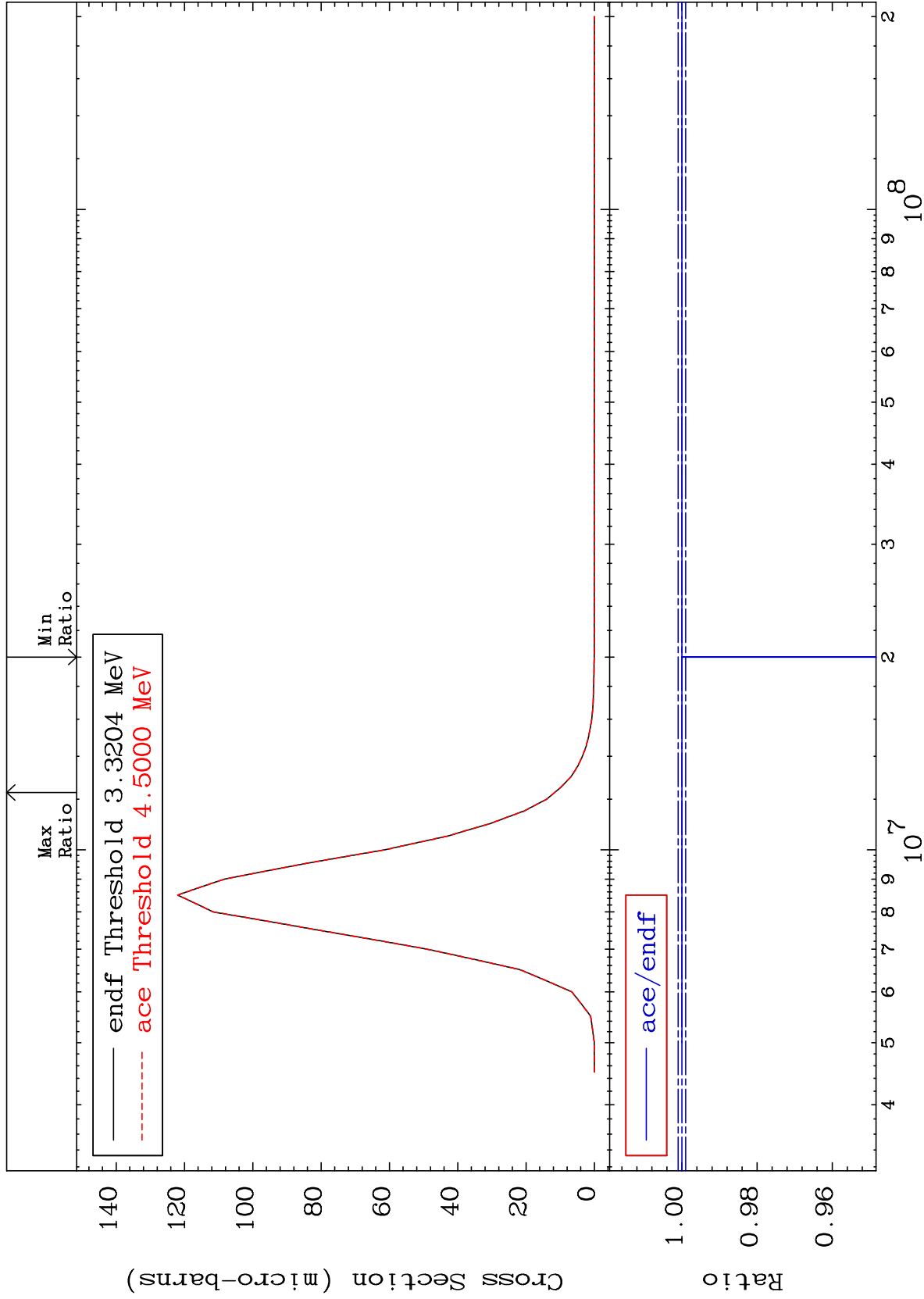
39-Y -89  
-100.0 To 0.000 %



MAT 3925

2.570 MeV (n,p') Level  
Cross Section

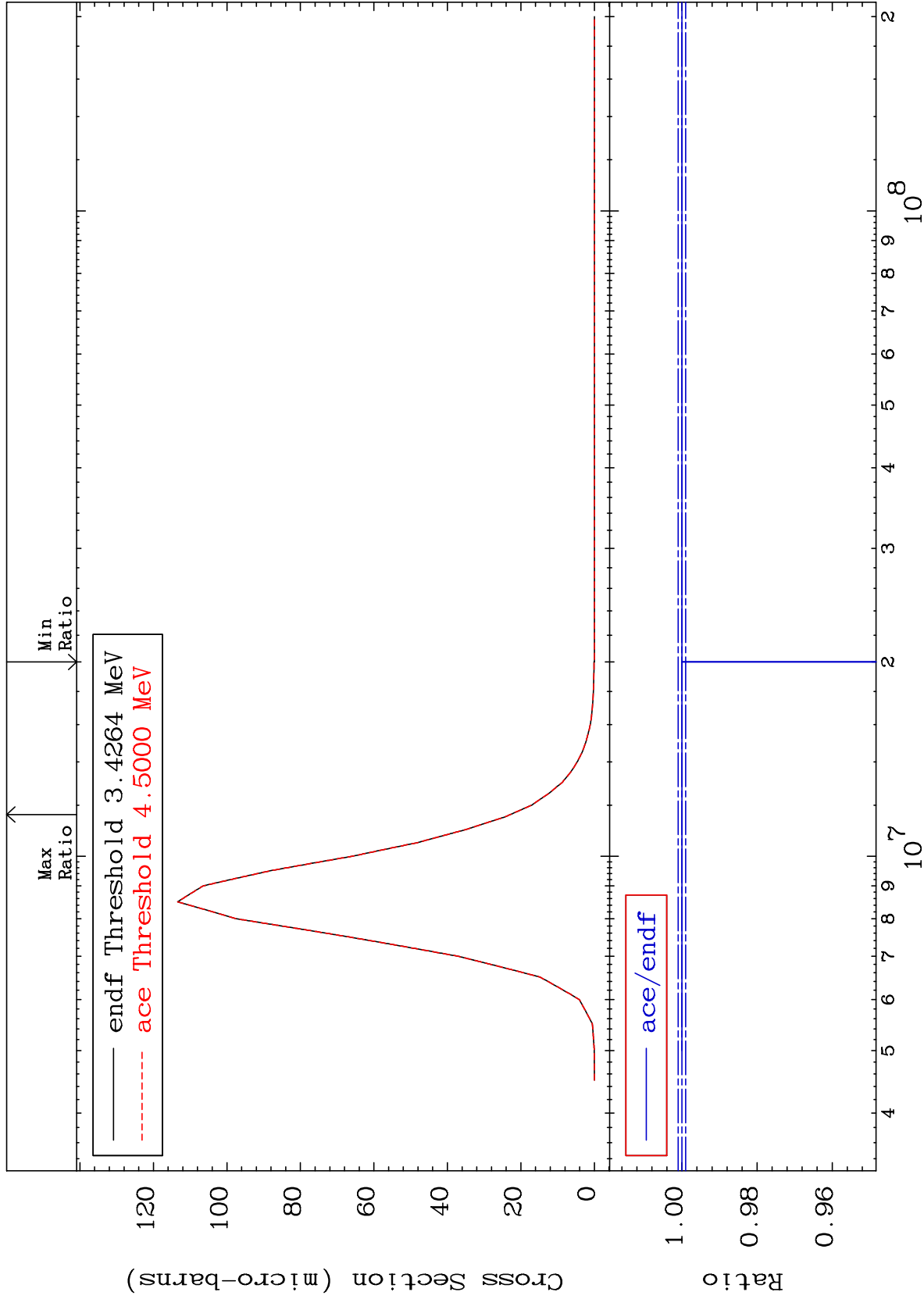
39-Y -89  
-100.0 To 0.000 %



MAT 3925

2.675 MeV (n,p') Level  
Cross Section

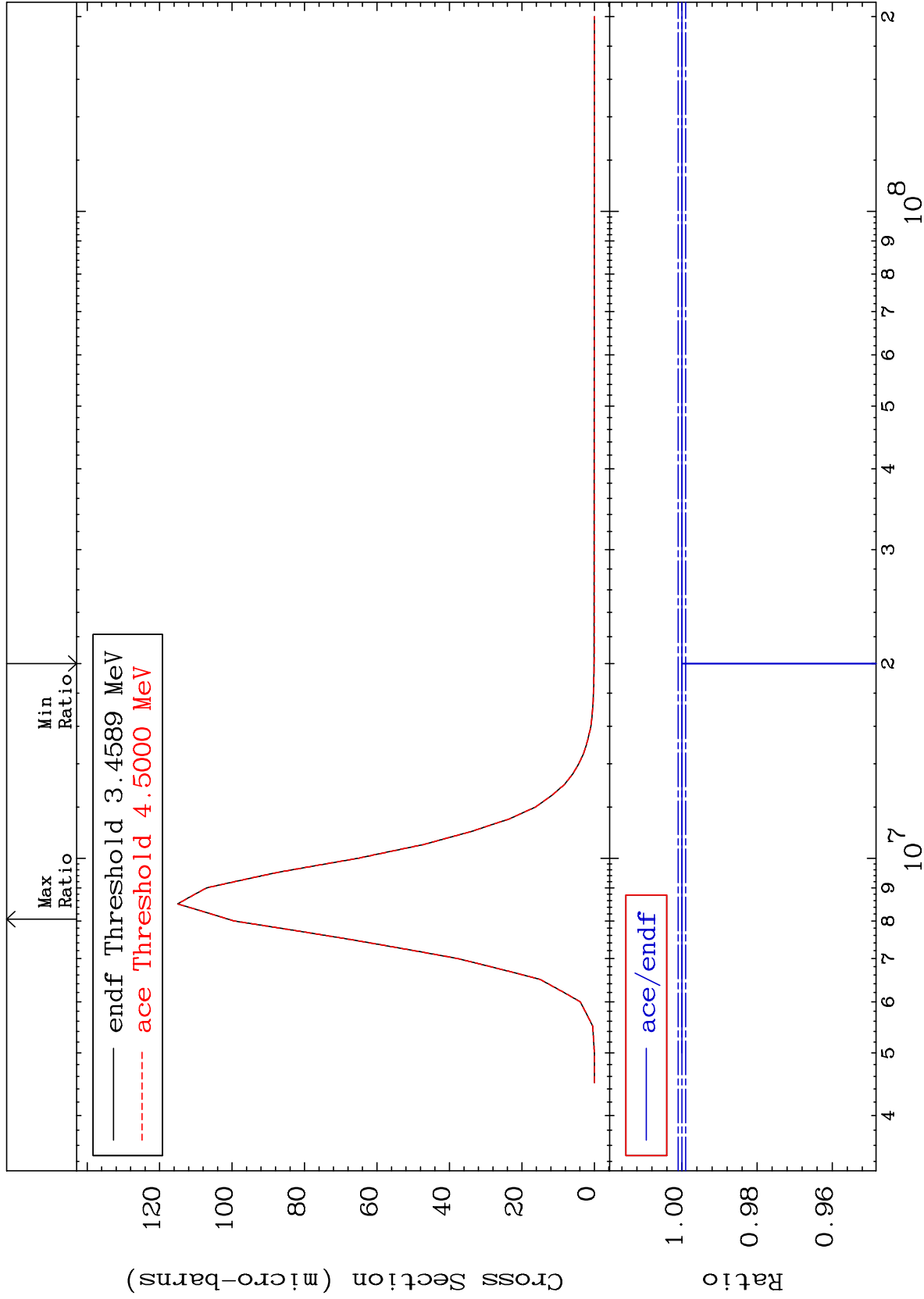
39-Y -89  
-100.0 To 0.000 %



MAT 3925

2.707 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



55

Incident Energy (eV)

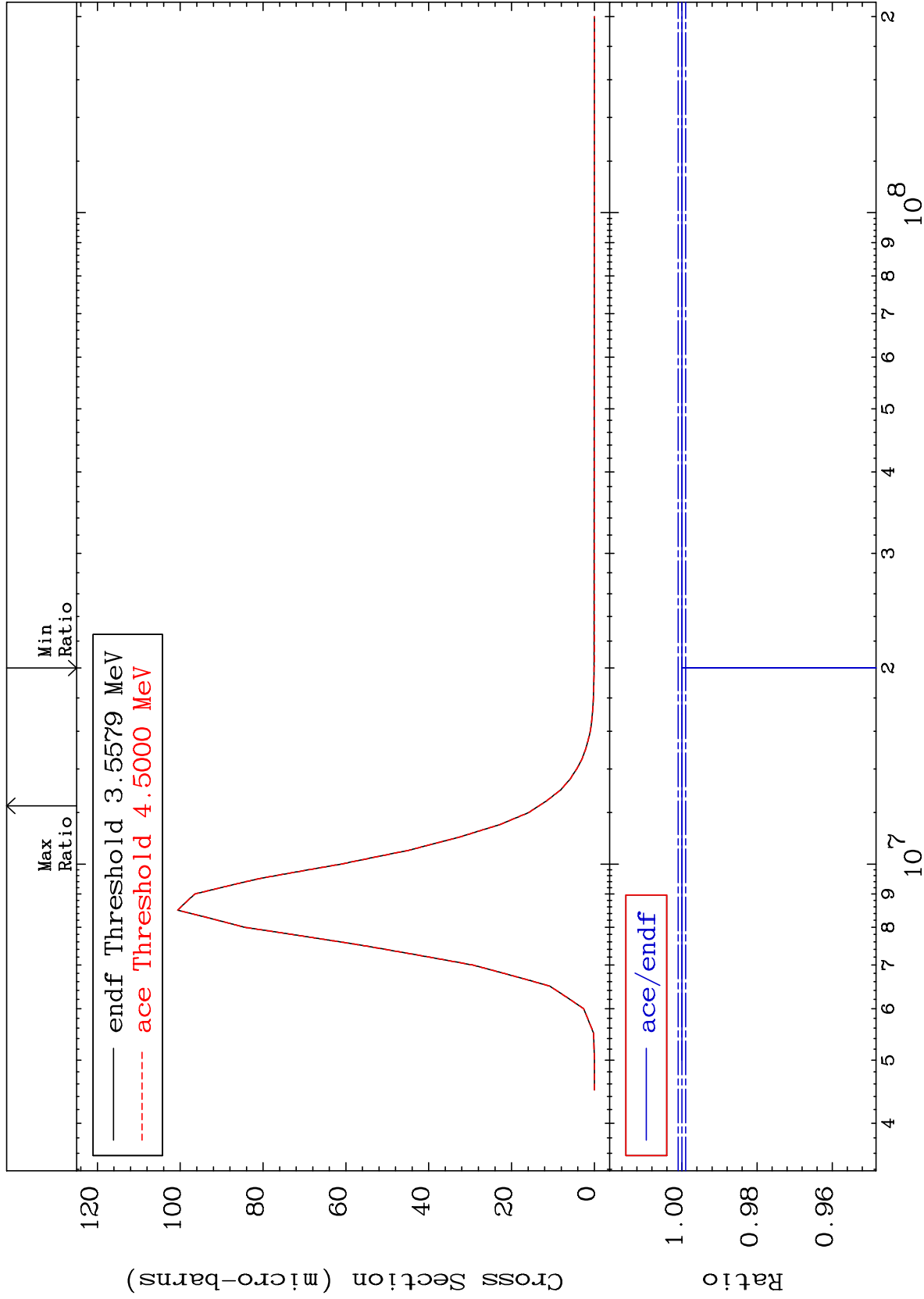
39-Y -89



MAT 3925

2.805 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



56

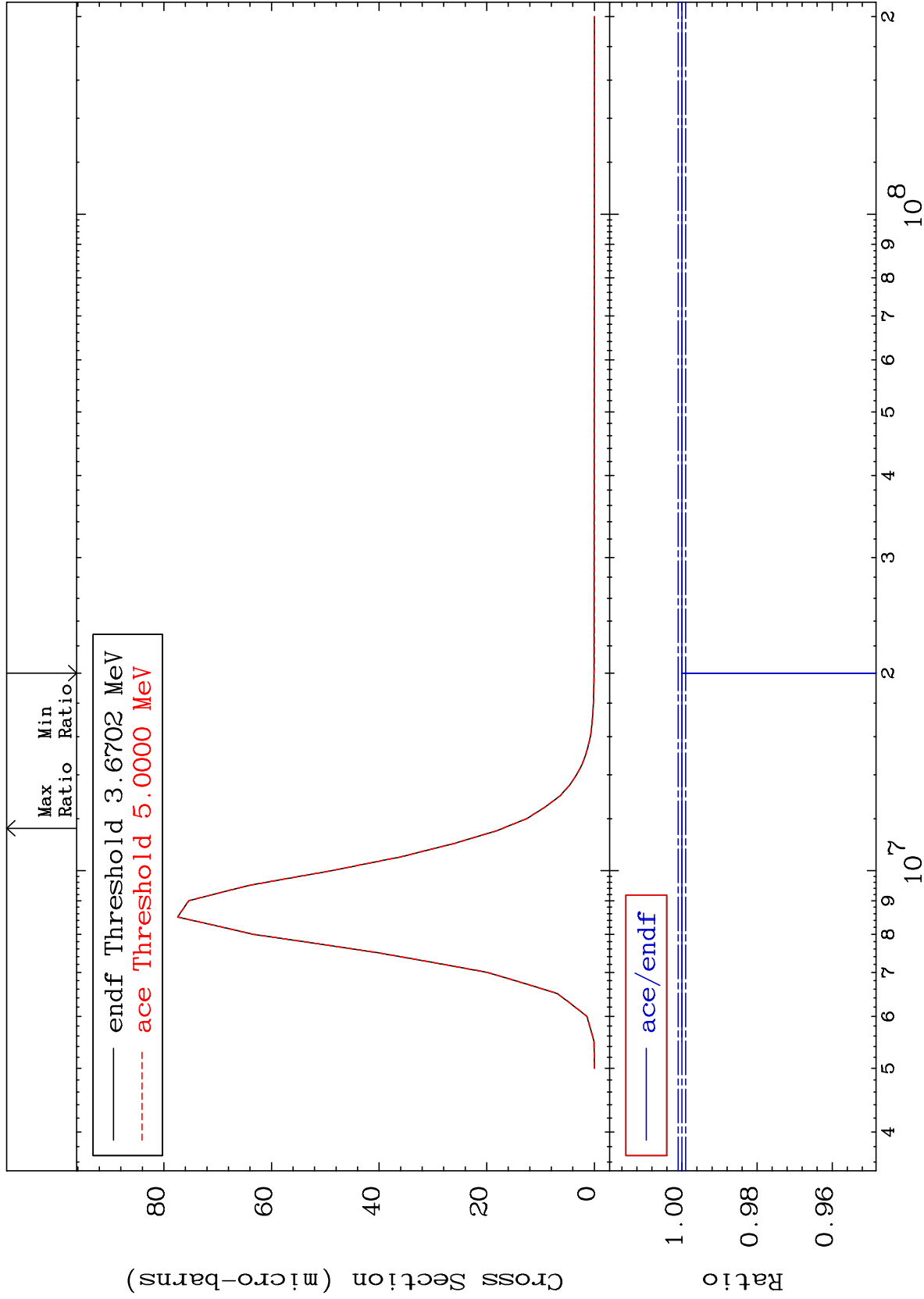
Incident Energy (eV)

39-Y -89

MAT 3925

2.916 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



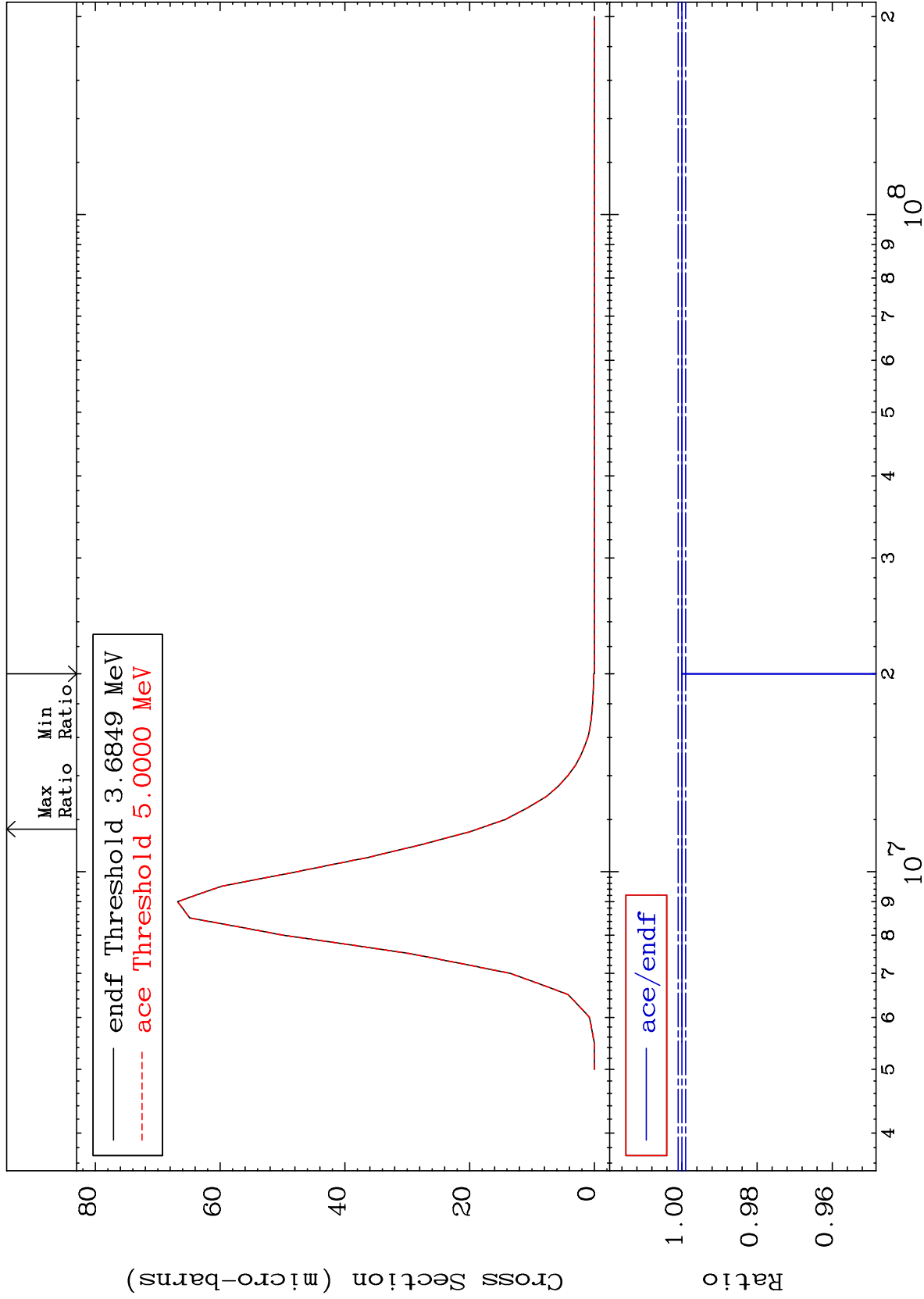
57

39-Y -89

MAT 3925

2.931 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



58

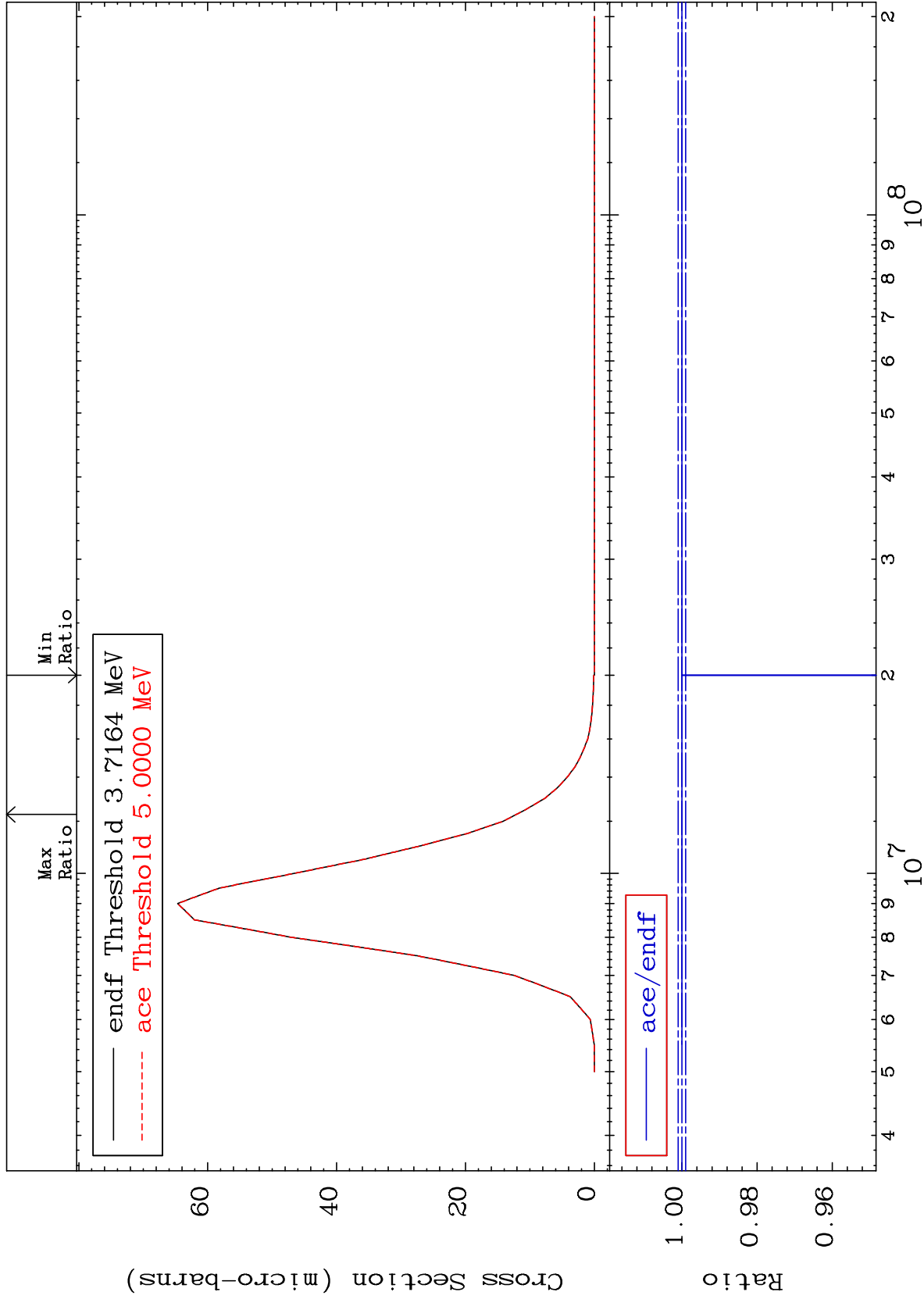
Incident Energy (eV)

39-Y -89

MAT 3925

2.962 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



59

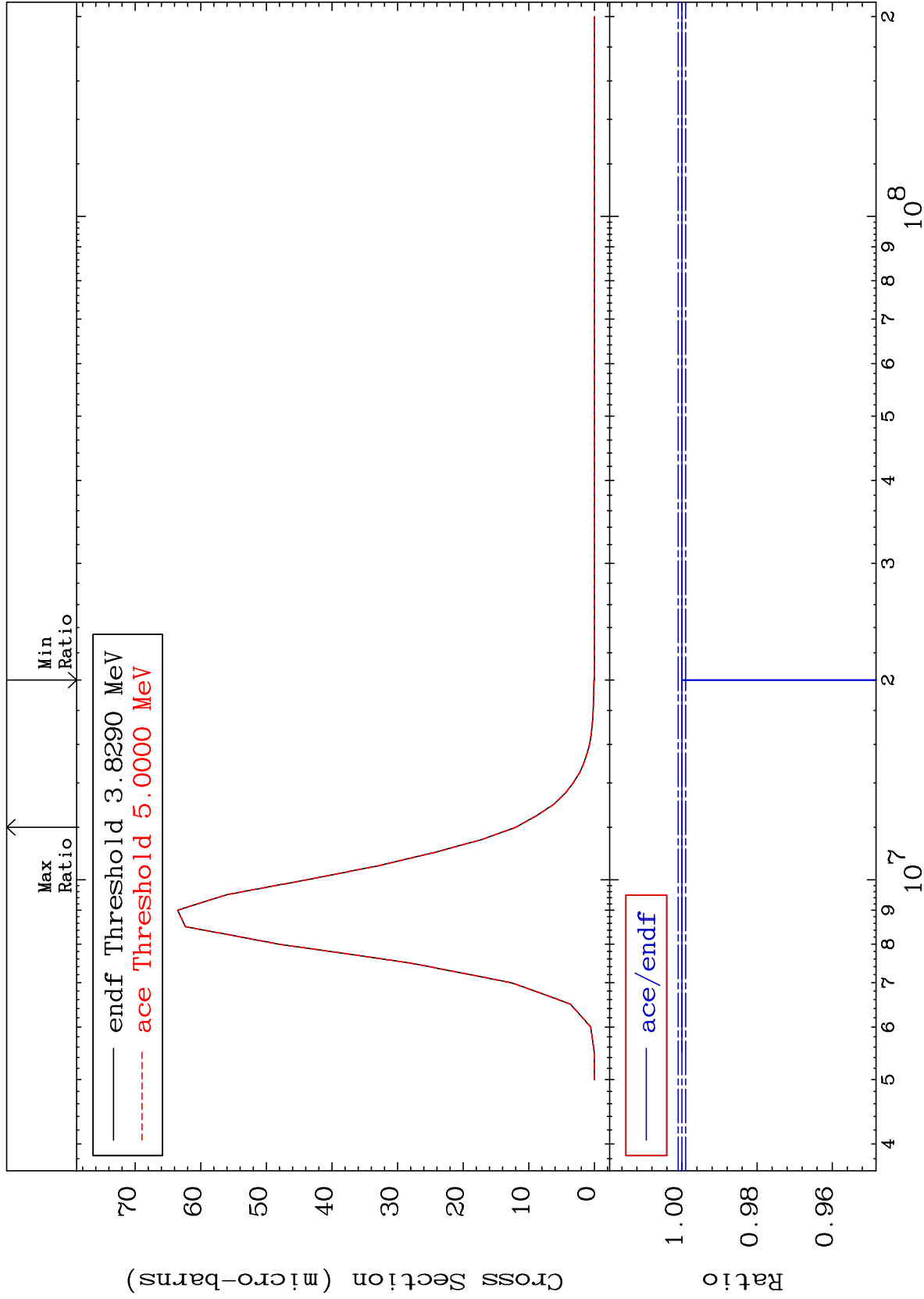
Incident Energy (eV)

39-Y -89

MAT 3925

3.073 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



60

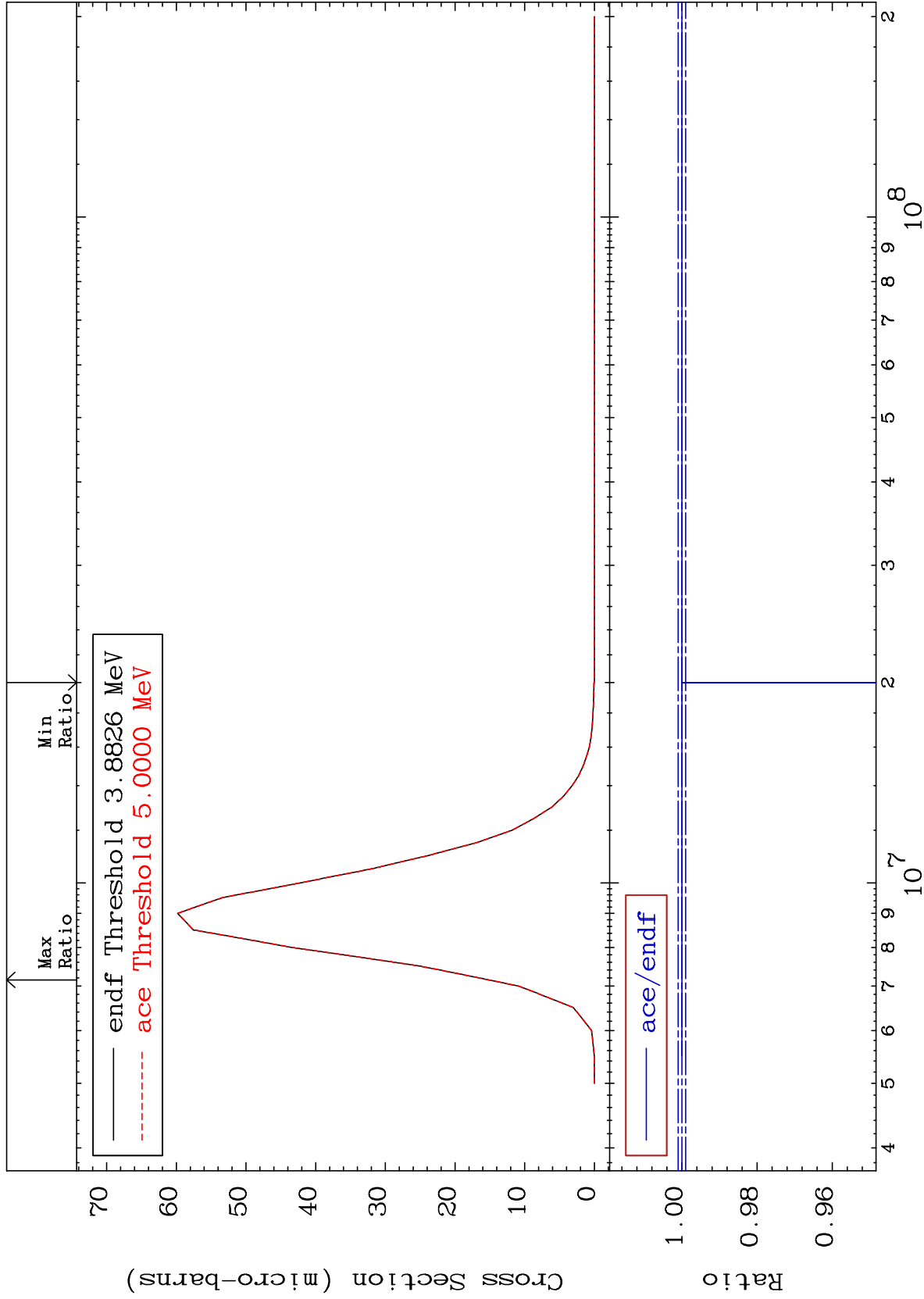
Incident Energy (eV)

39-Y -89

MAT 3925

3.126 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



61

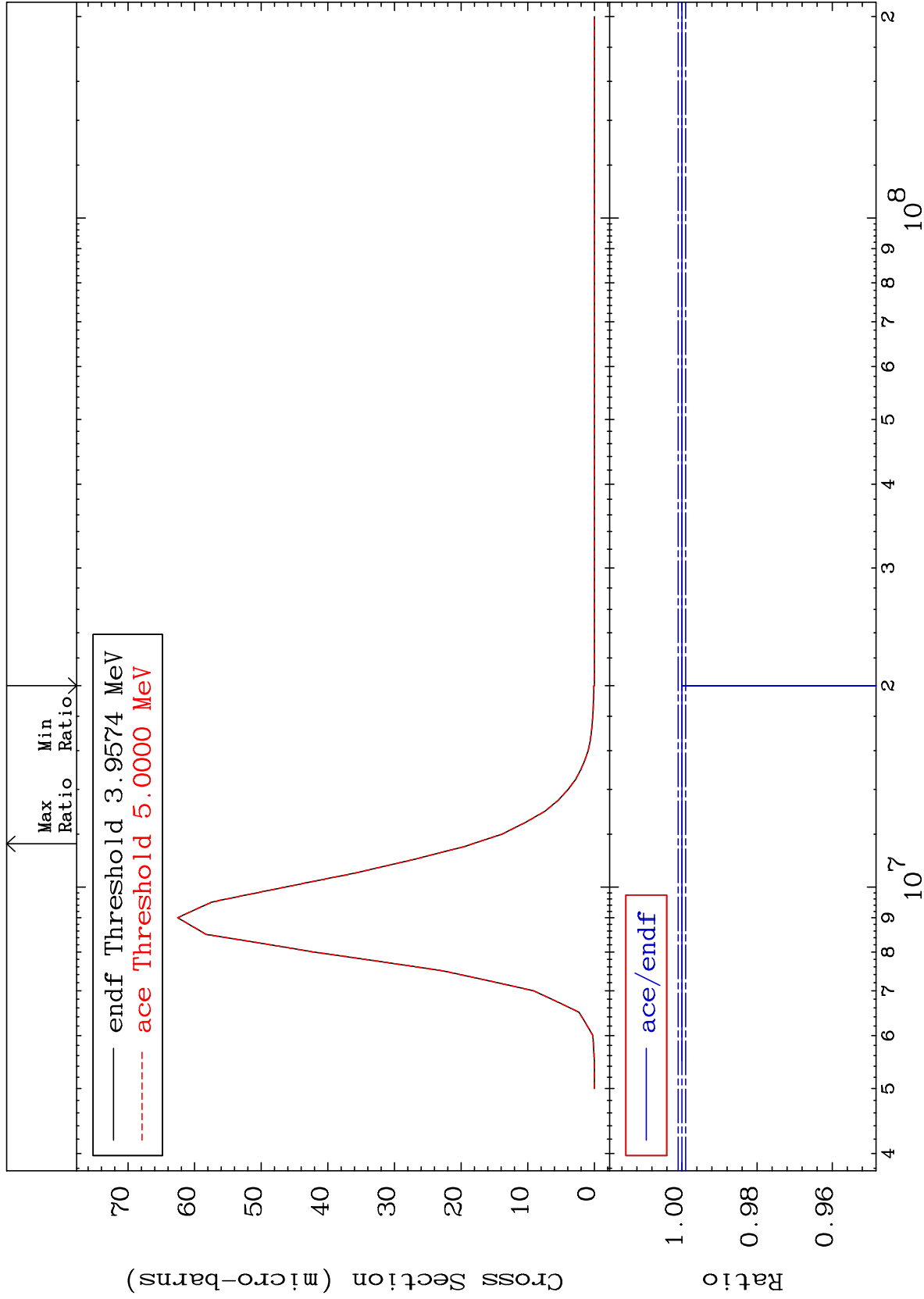
Incident Energy (eV)

39-Y -89

MAT 3925

3.200 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



62

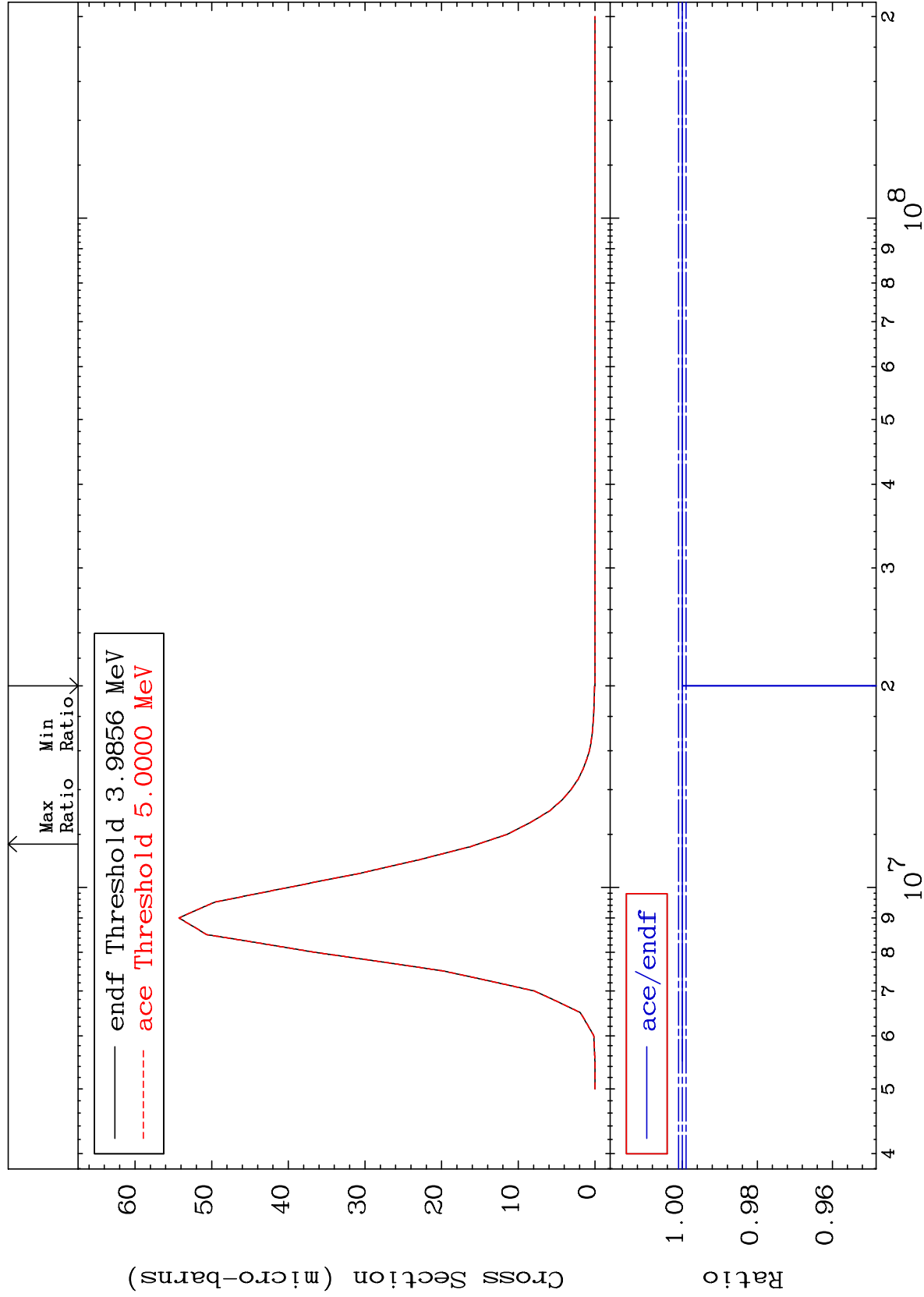
Incident Energy (eV)

39-Y -89

MAT 3925

3.228 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



63

Incident Energy (eV)

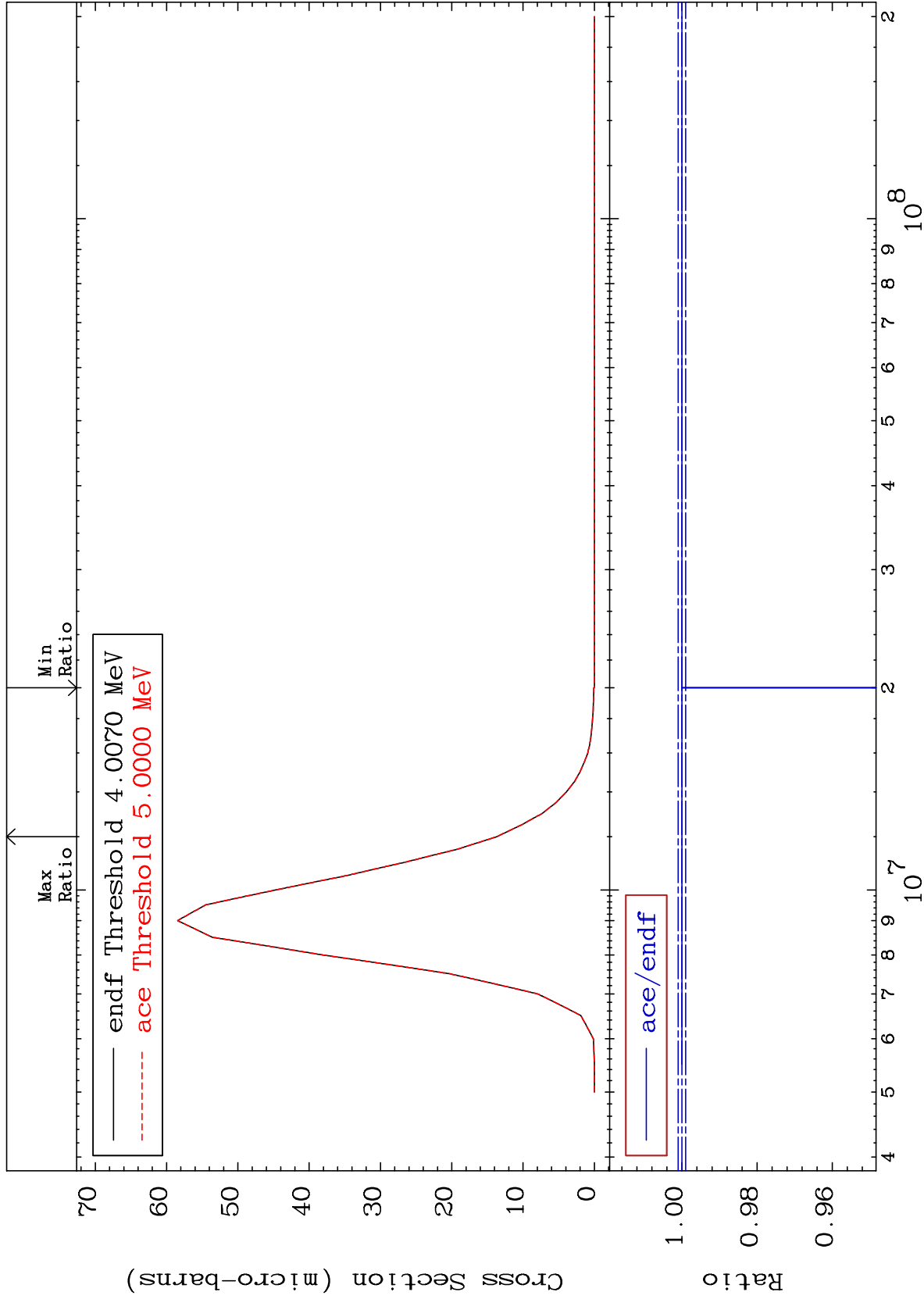
39-Y -89



MAT 3925

3.249 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



64

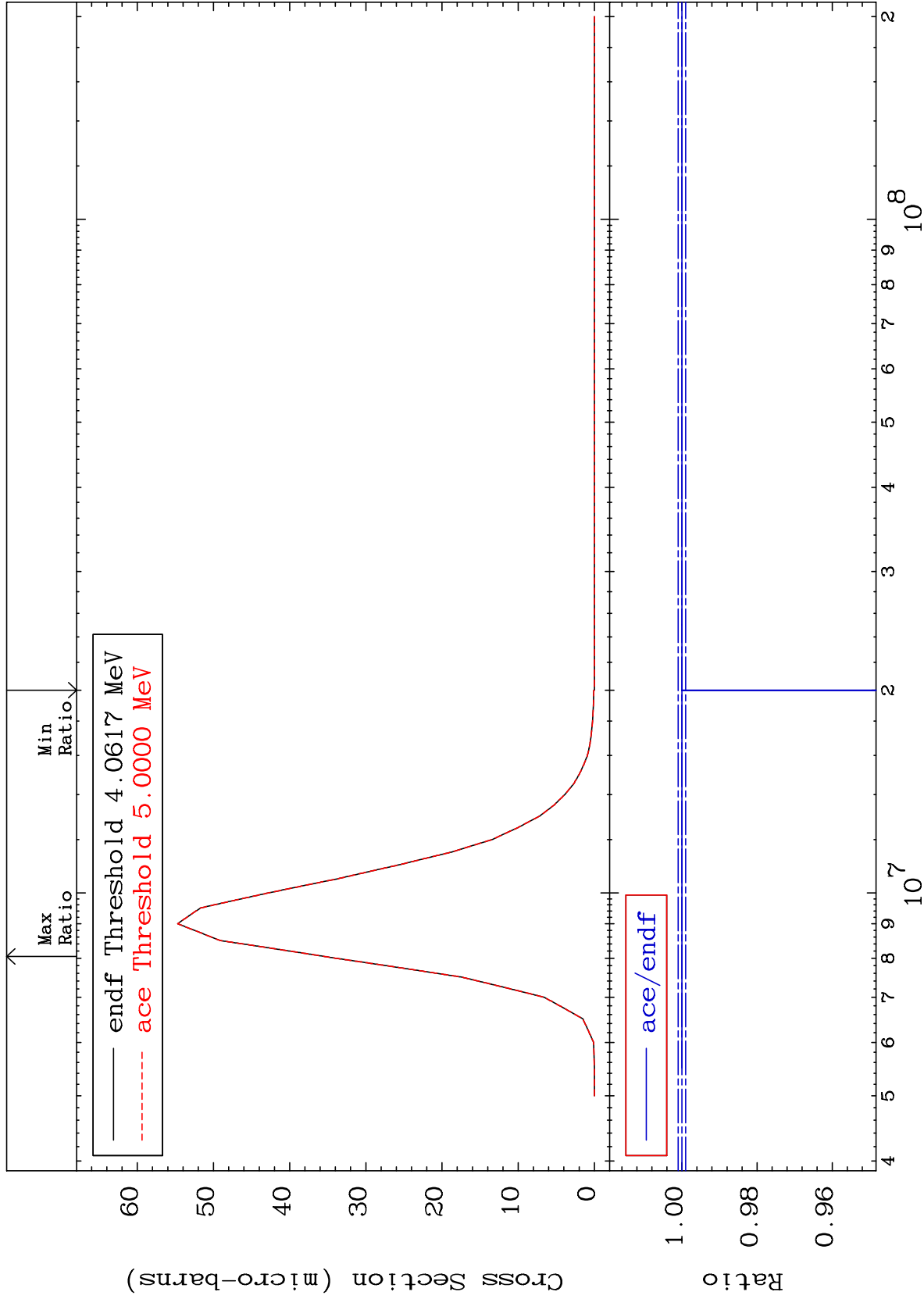
Incident Energy (eV)

39-Y -89

MAT 3925

3.303 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



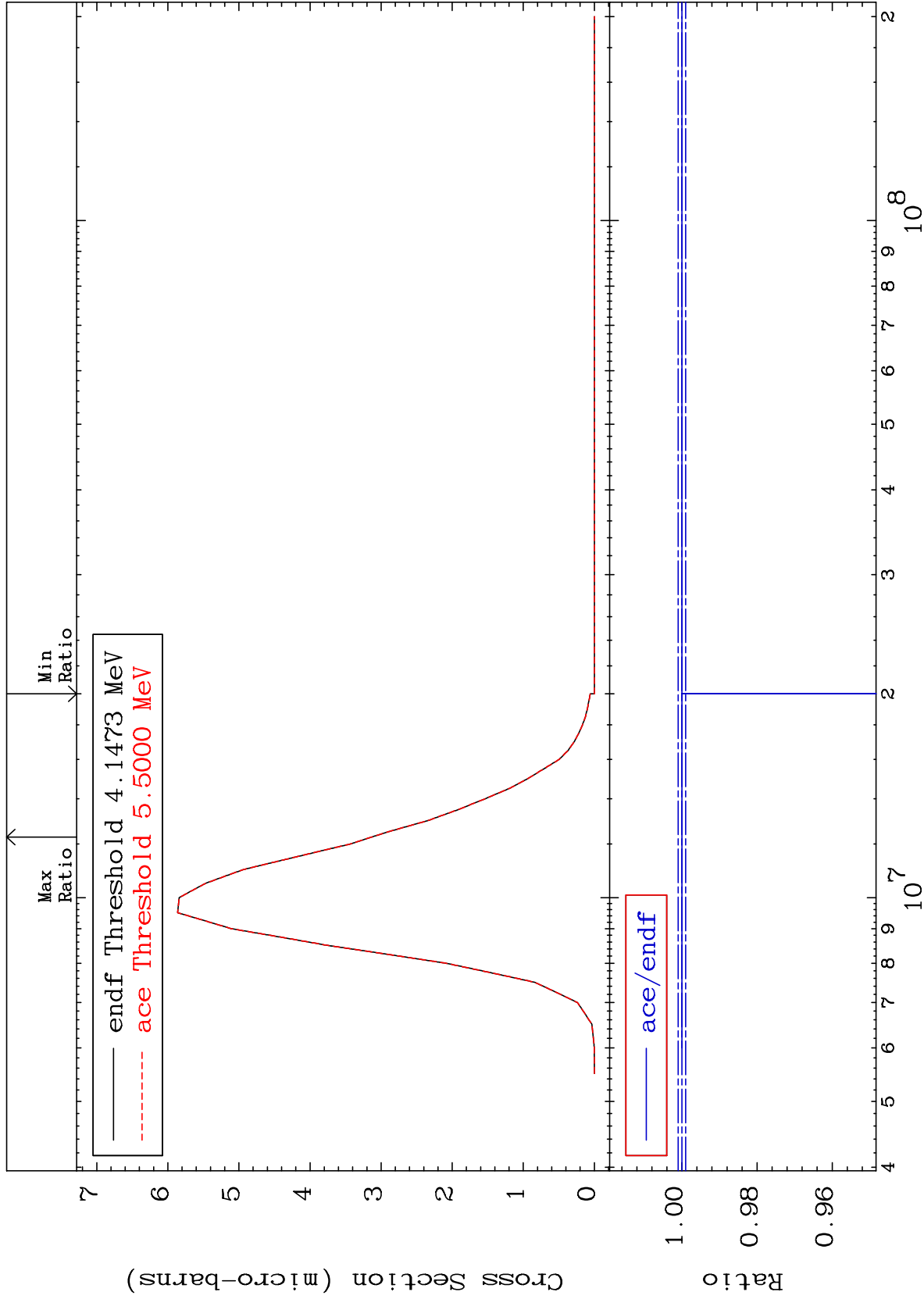
65

39-Y -89

MAT 3925

3.388 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



66

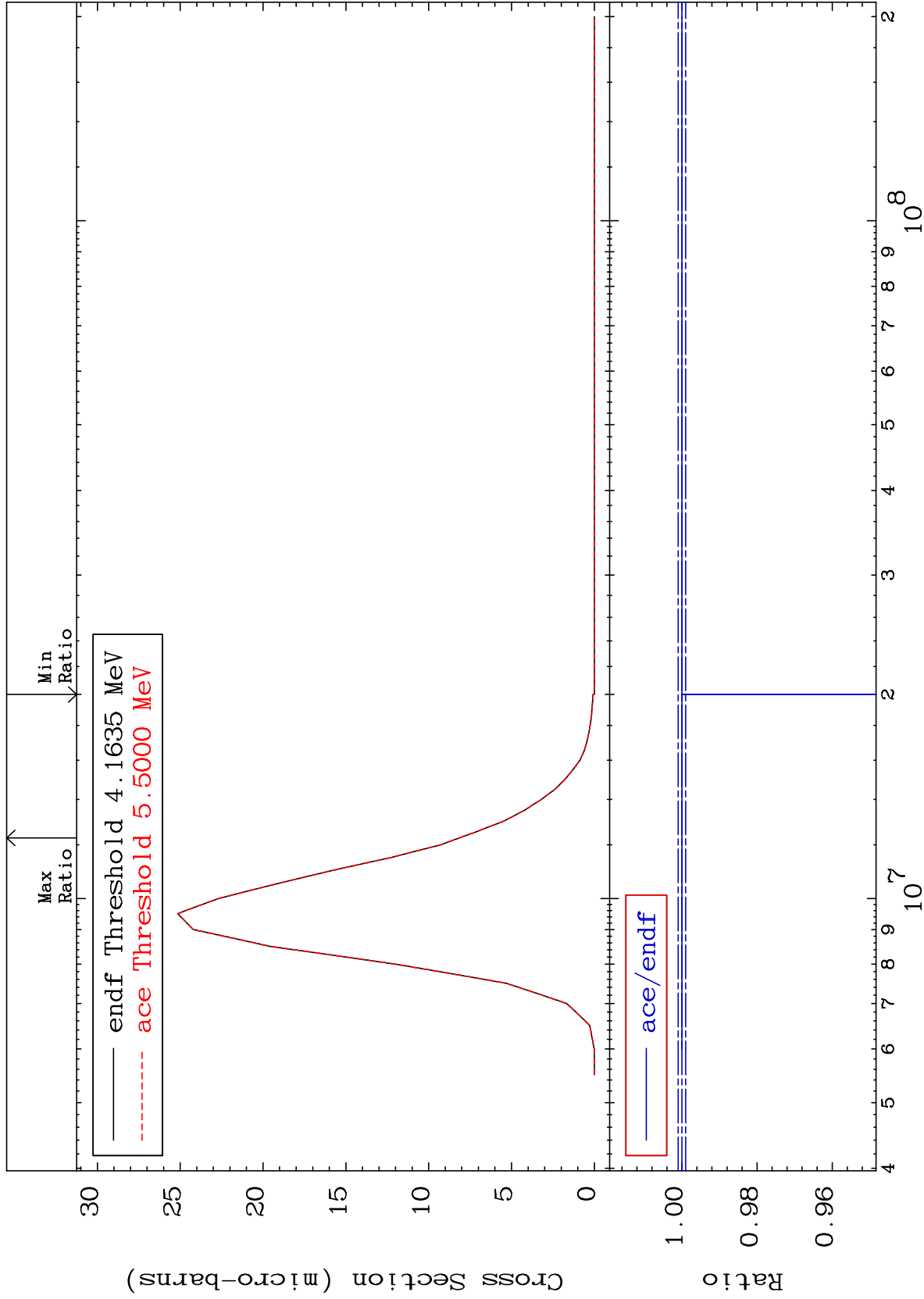
Incident Energy (eV)

39-Y -89

MAT 3925

3.404 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



67

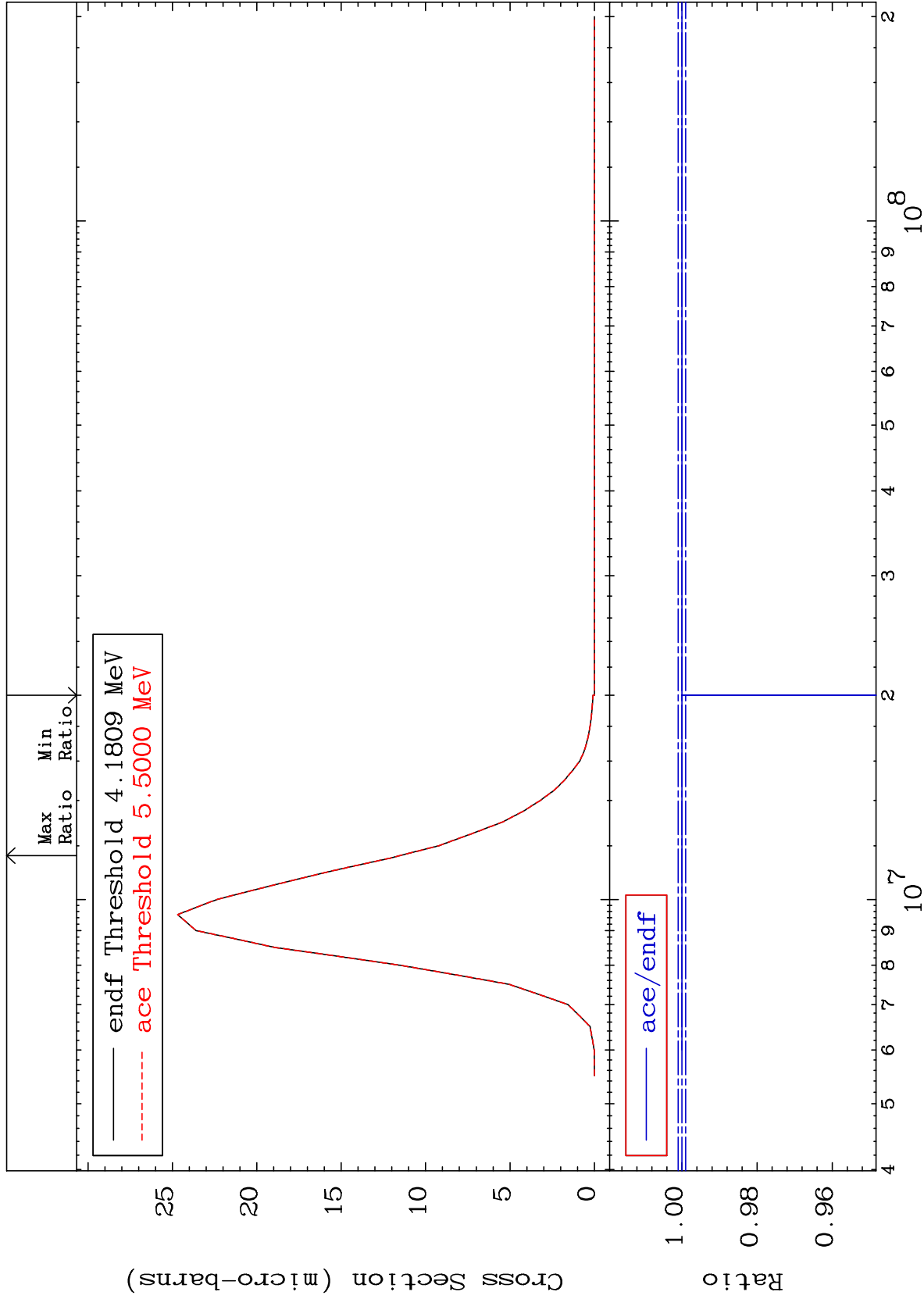
Incident Energy (eV)

39-Y -89

MAT 3925

3.421 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



68

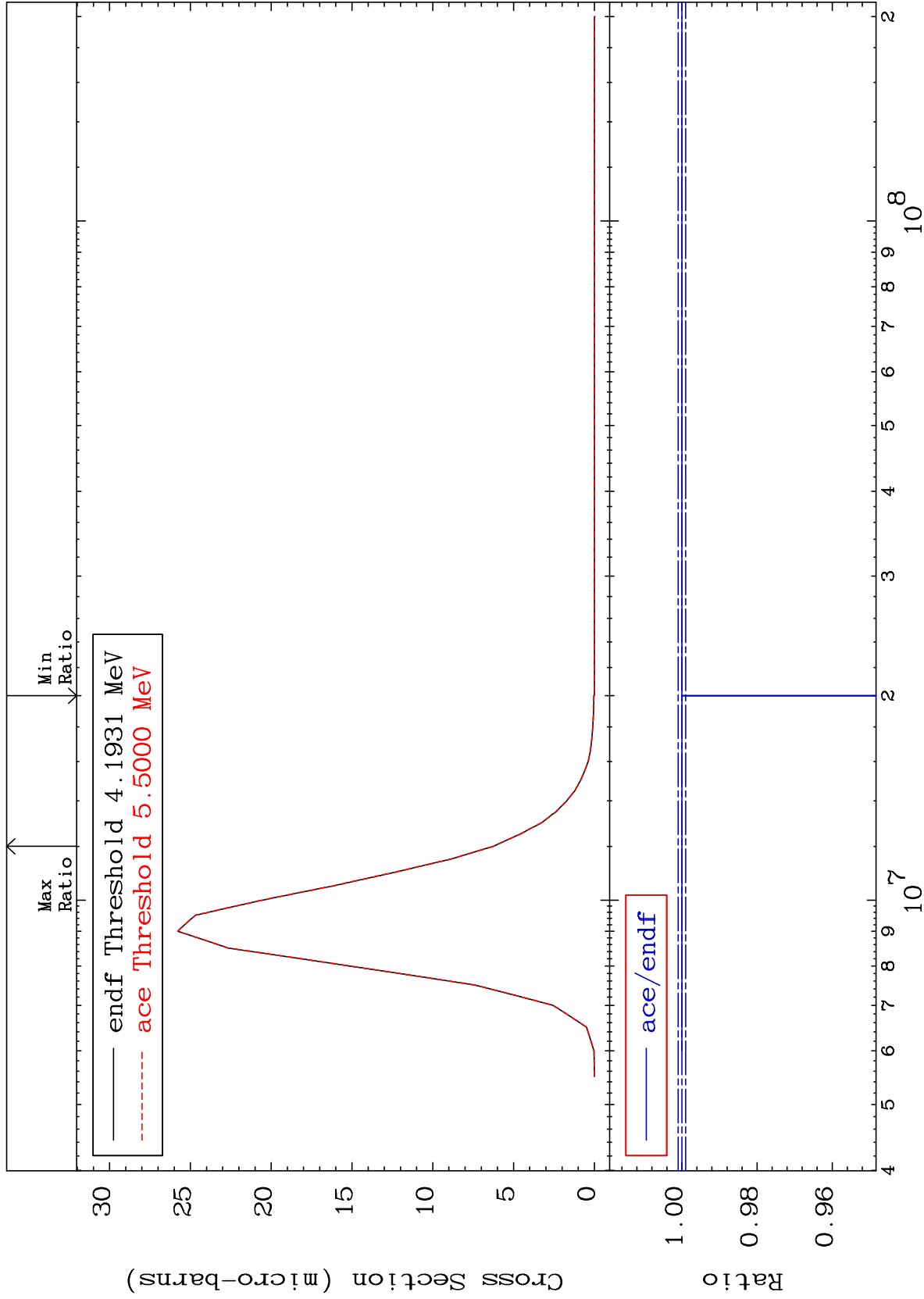
Incident Energy (eV)

39-Y -89

MAT 3925

3.433 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



69

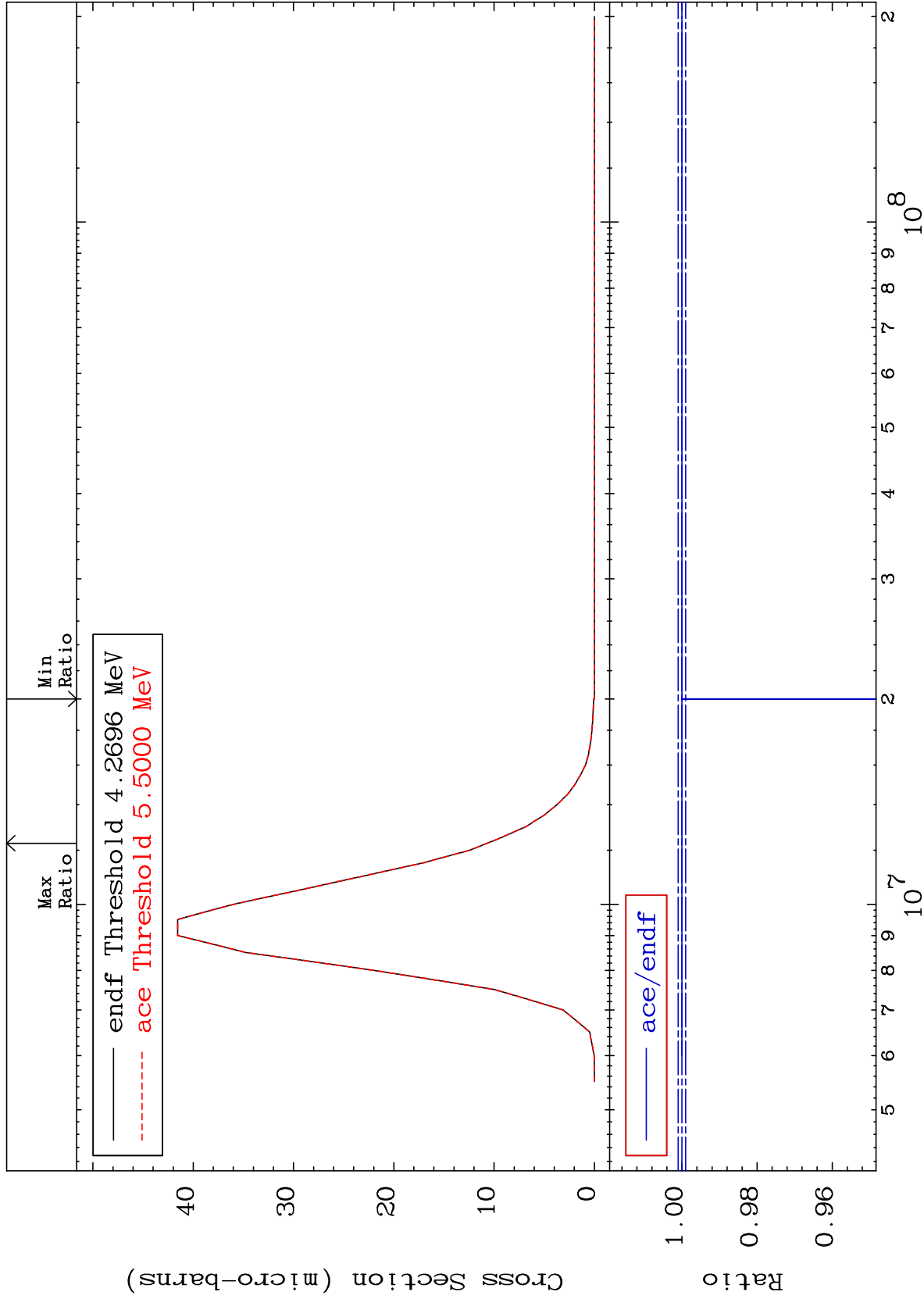
Incident Energy (eV)

39-Y -89

MAT 3925

3.509 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



70

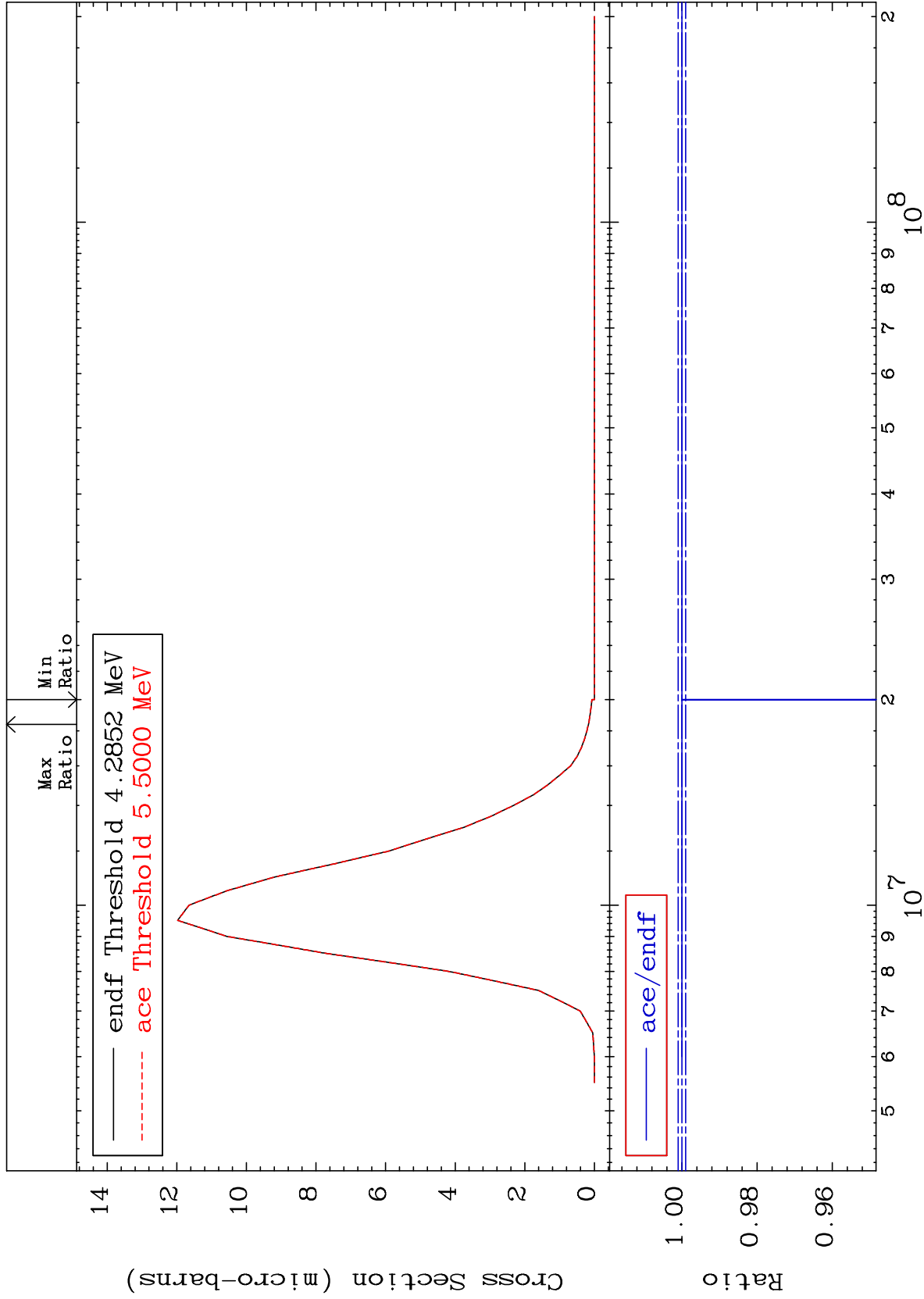
Incident Energy (eV)

39-Y -89

MAT 3925

3.524 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

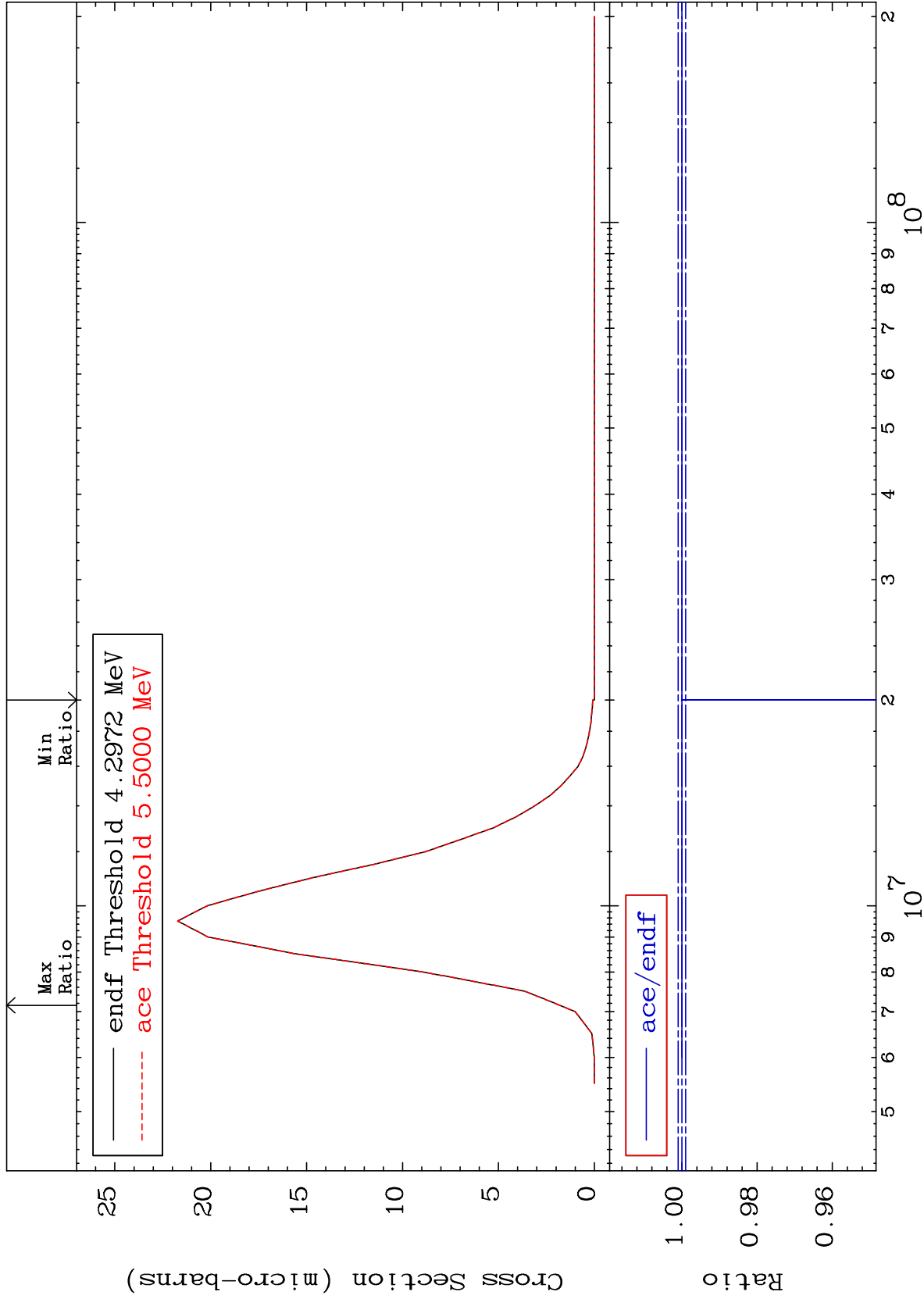




MAT 3925

3.536 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



72

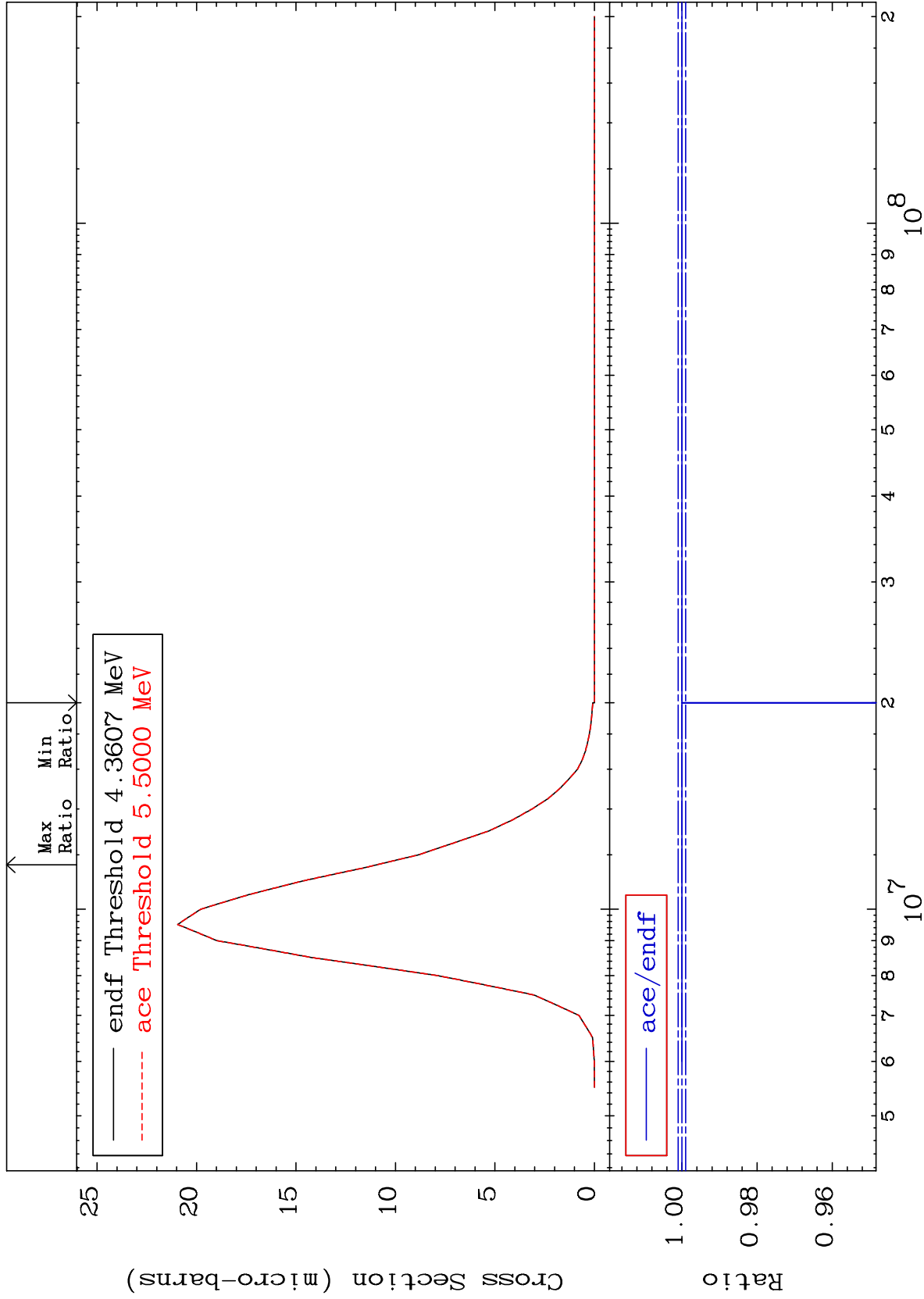
Incident Energy (eV)

39-Y -89

MAT 3925

3.599 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



73

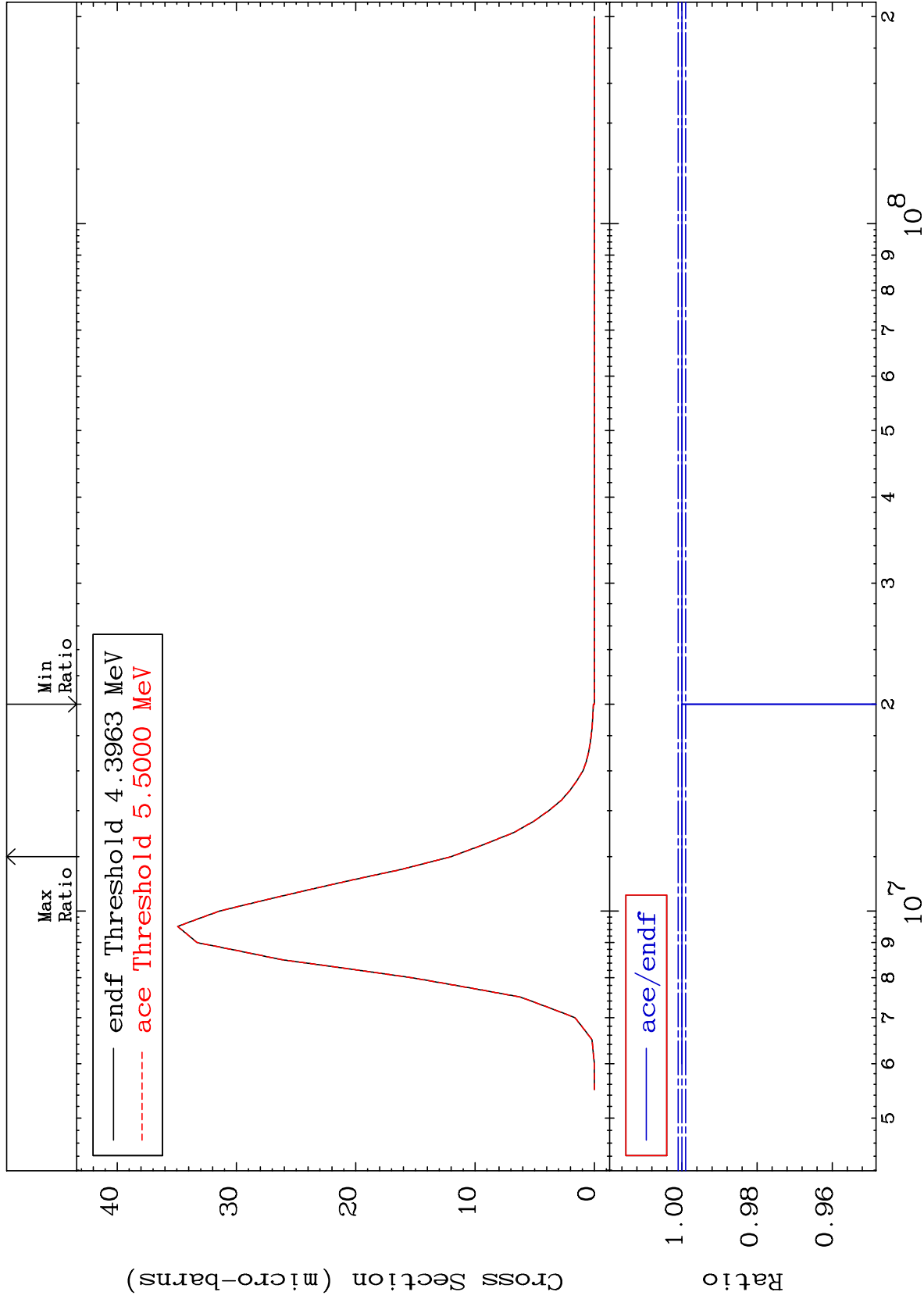
Incident Energy (eV)

39-Y -89

MAT 3925

3.634 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



74

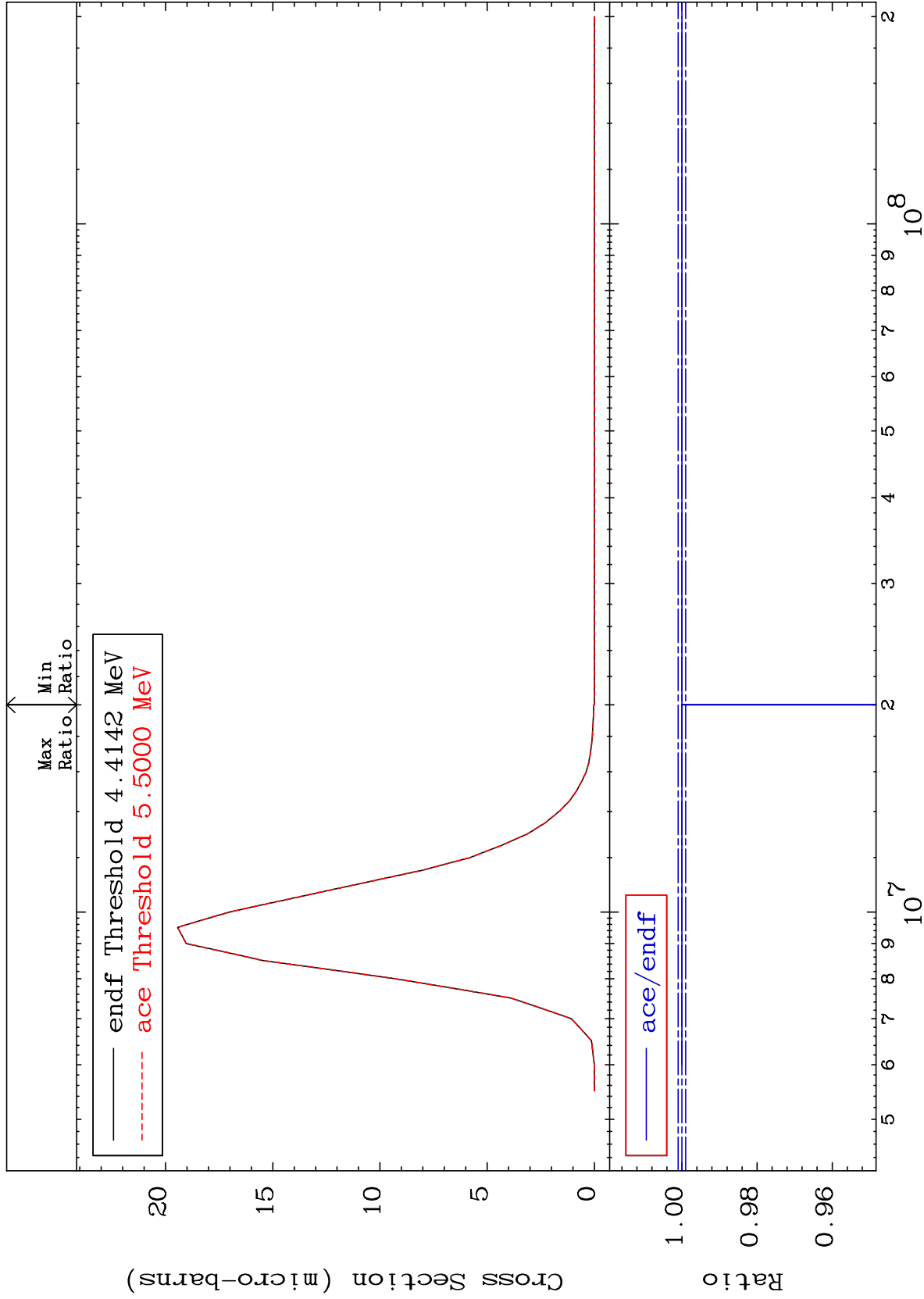
Incident Energy (eV)

39-Y -89

MAT 3925

3.652 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



75

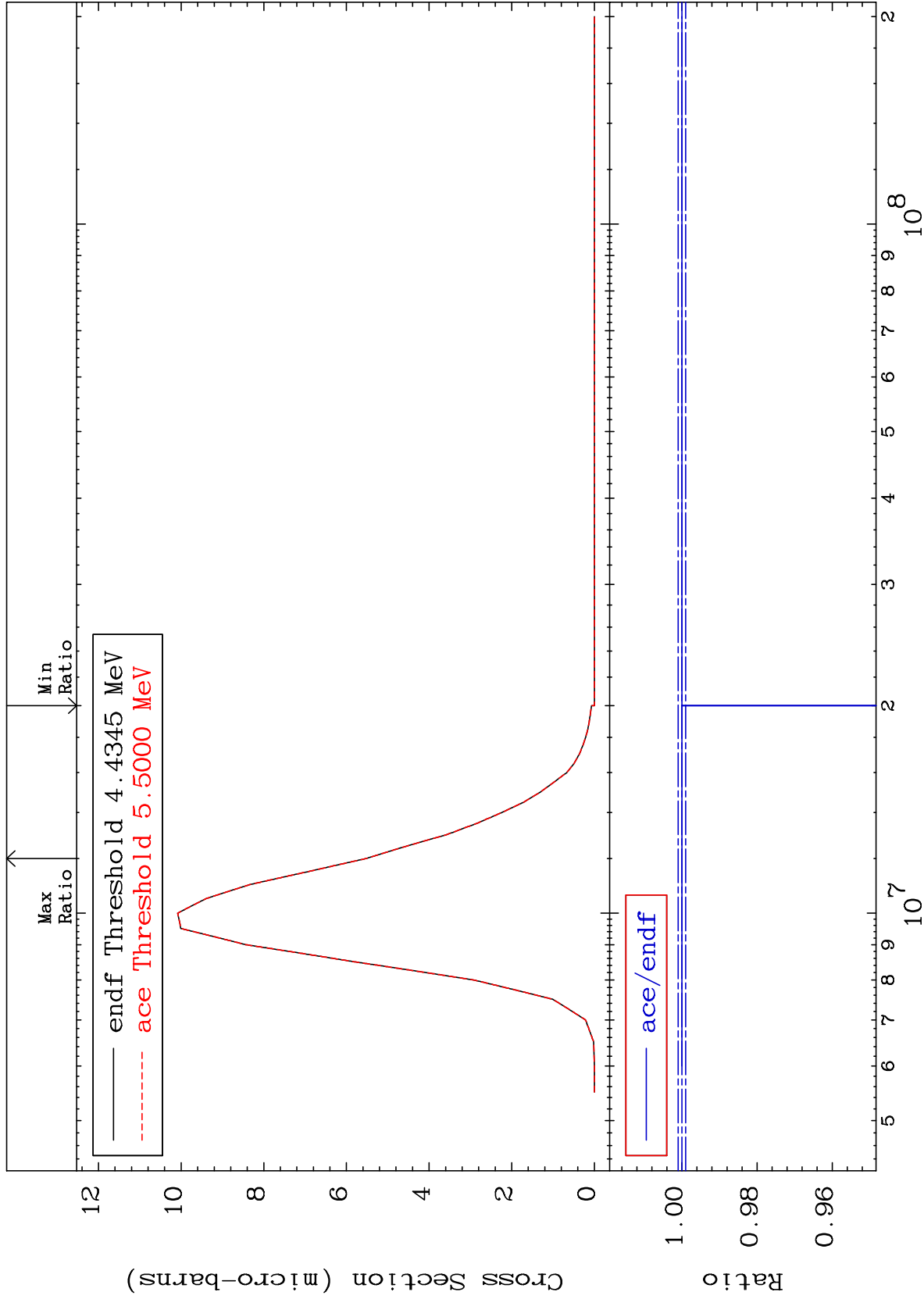
Incident Energy (eV)

39-Y -89

MAT 3925

3.672 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



76

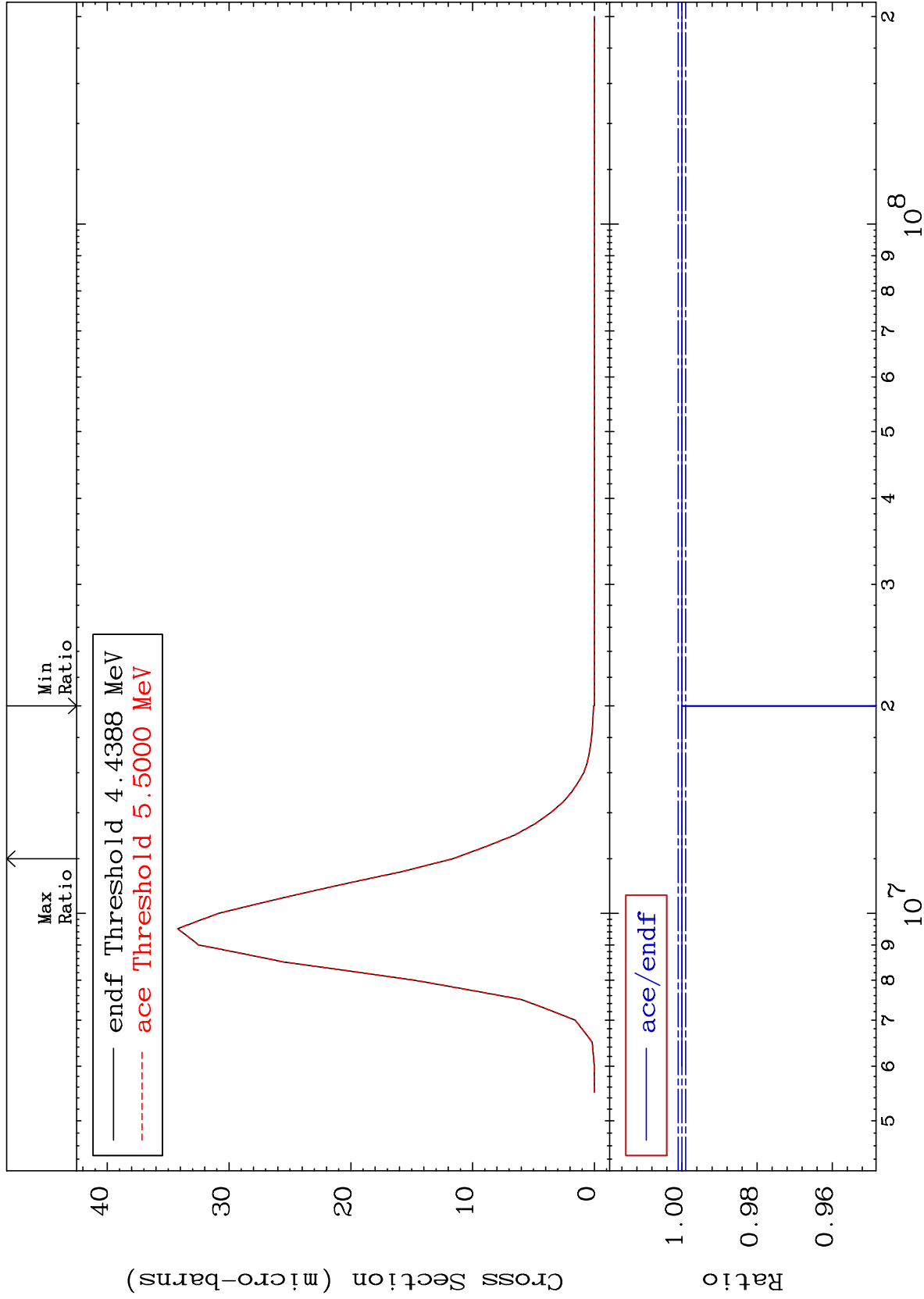
Incident Energy (eV)

39-Y -89

MAT 3925

3.676 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



77

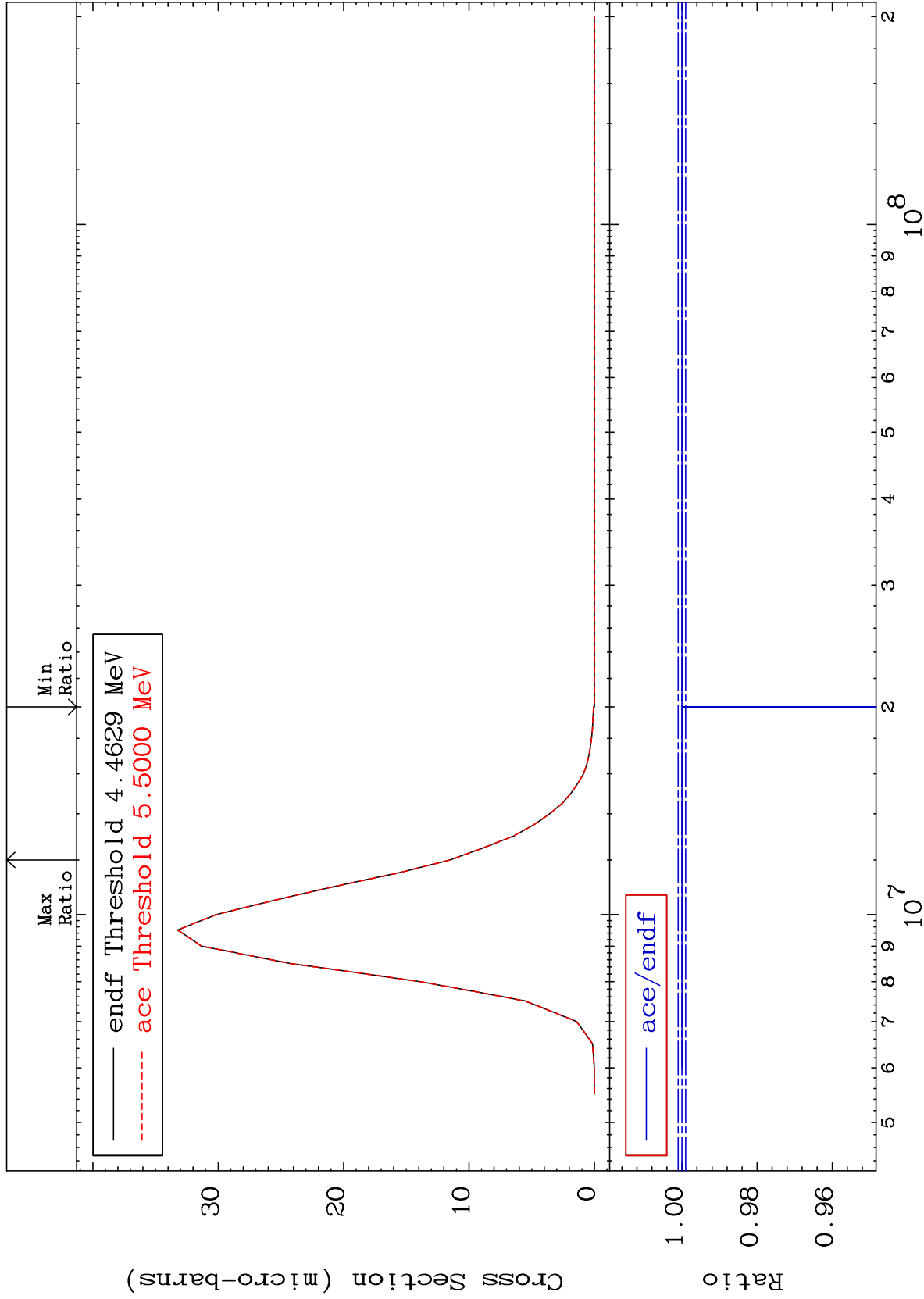
Incident Energy (eV)

39-Y -89

MAT 3925

3.700 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



78

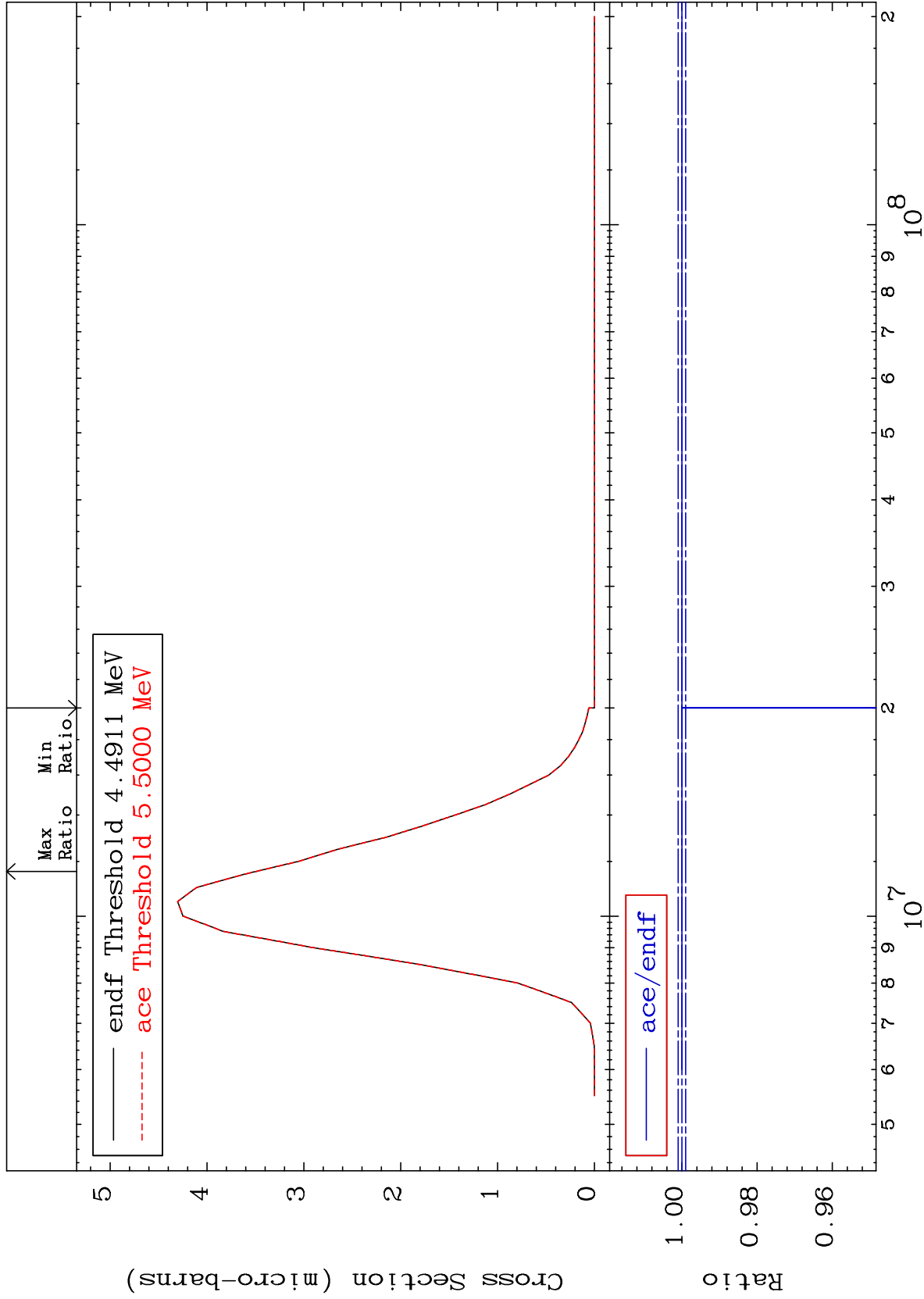
Incident Energy (eV)

39-Y -89

MAT 3925

3.728 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



79

Incident Energy (eV)

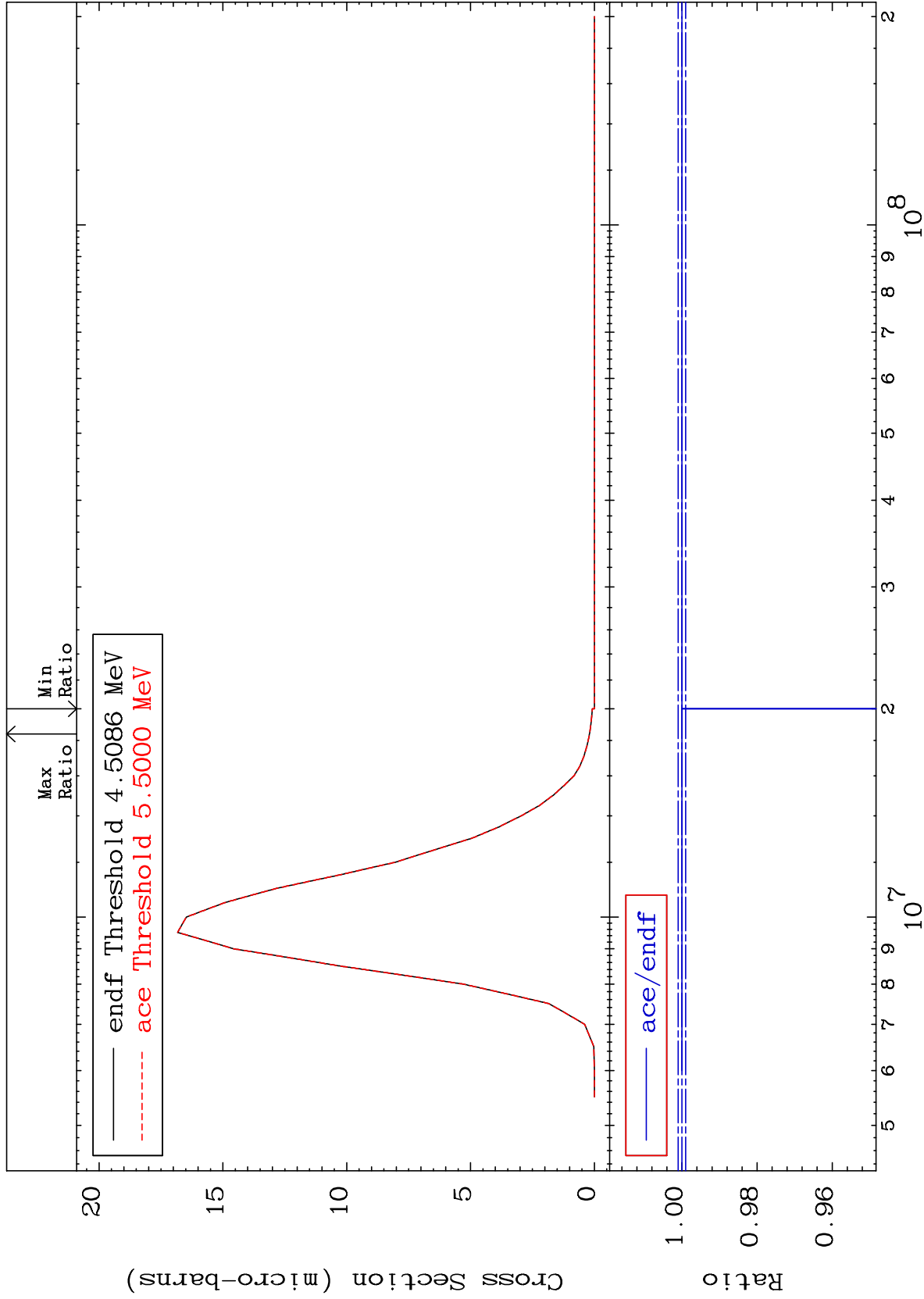
39-Y -89



MAT 3925

3.745 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



80

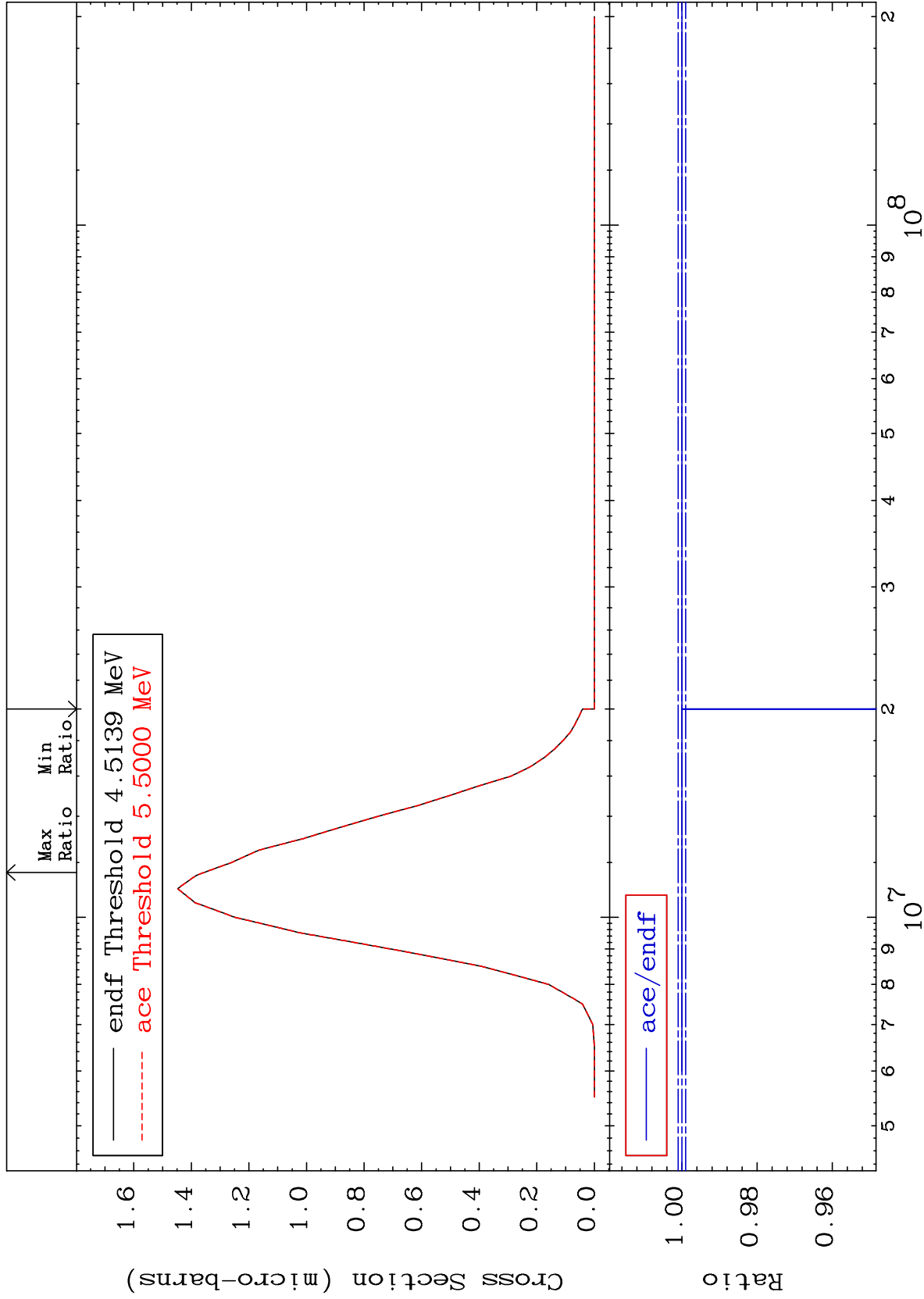
Incident Energy (eV)

39-Y -89

MAT 3925

3.750 MeV (n,p') Level  
Cross Section

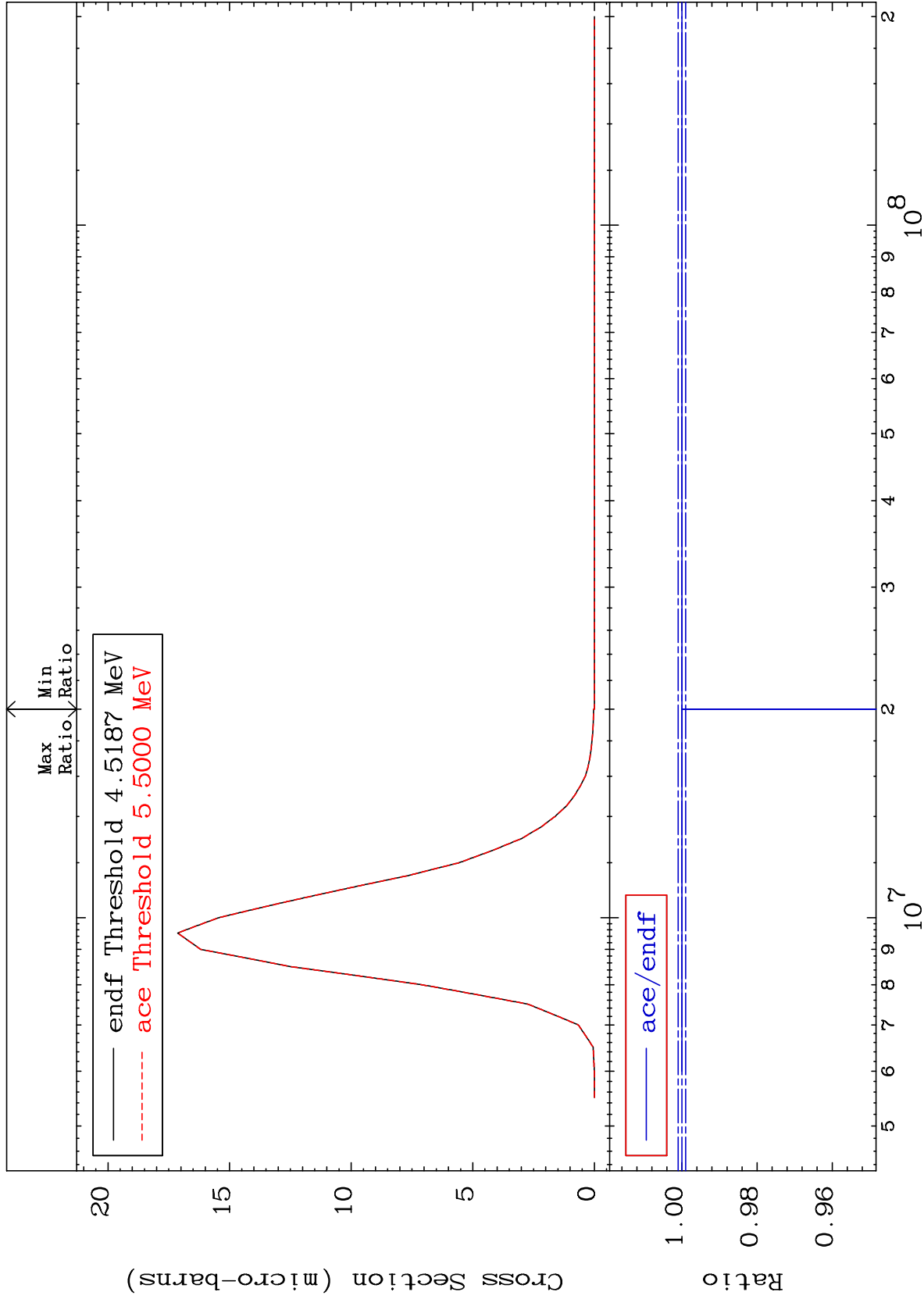
39-Y -89  
-100.0 To 0.000 %



MAT 3925

3.755 MeV (n,p') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



82

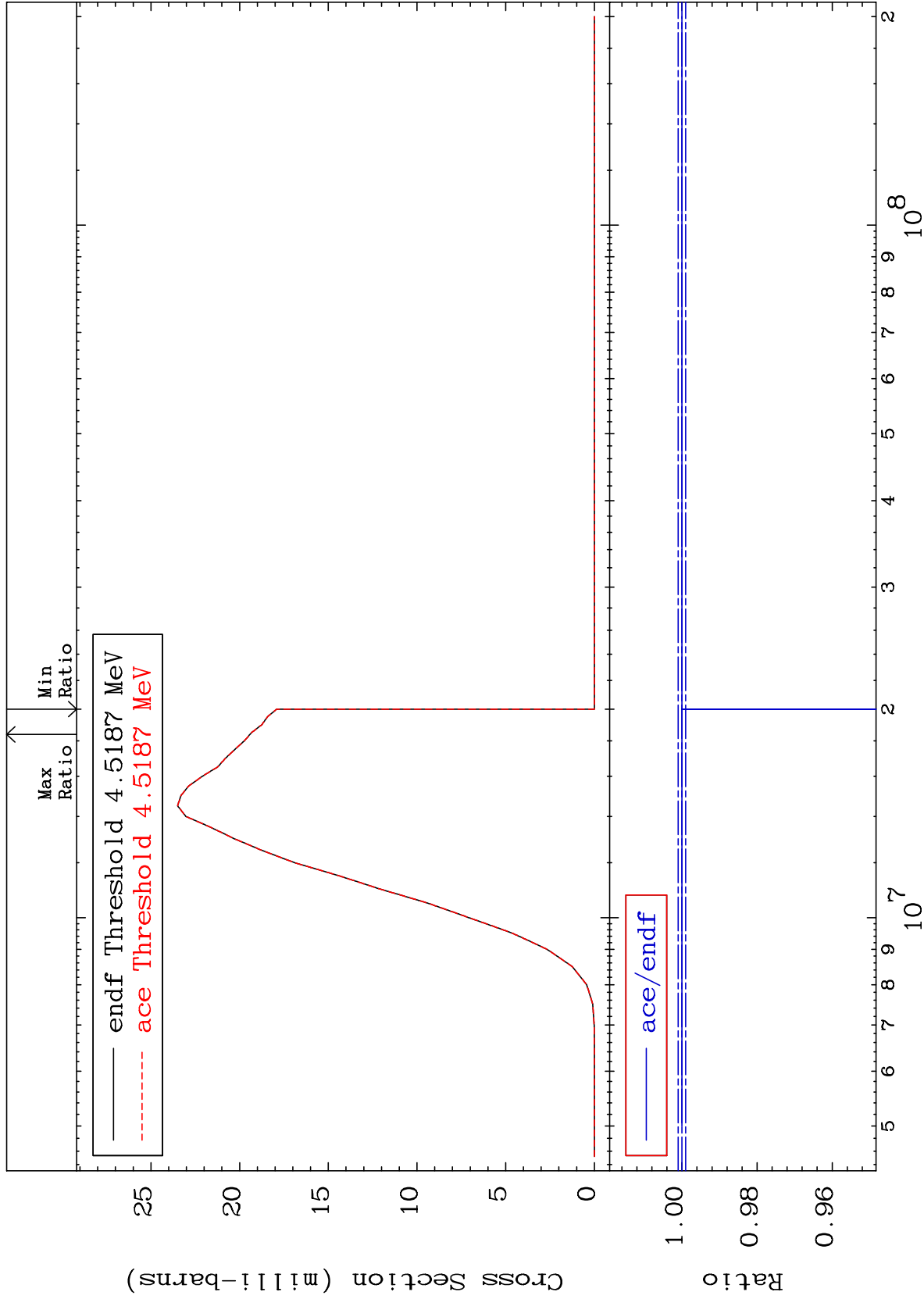
Incident Energy (eV)

39-Y -89

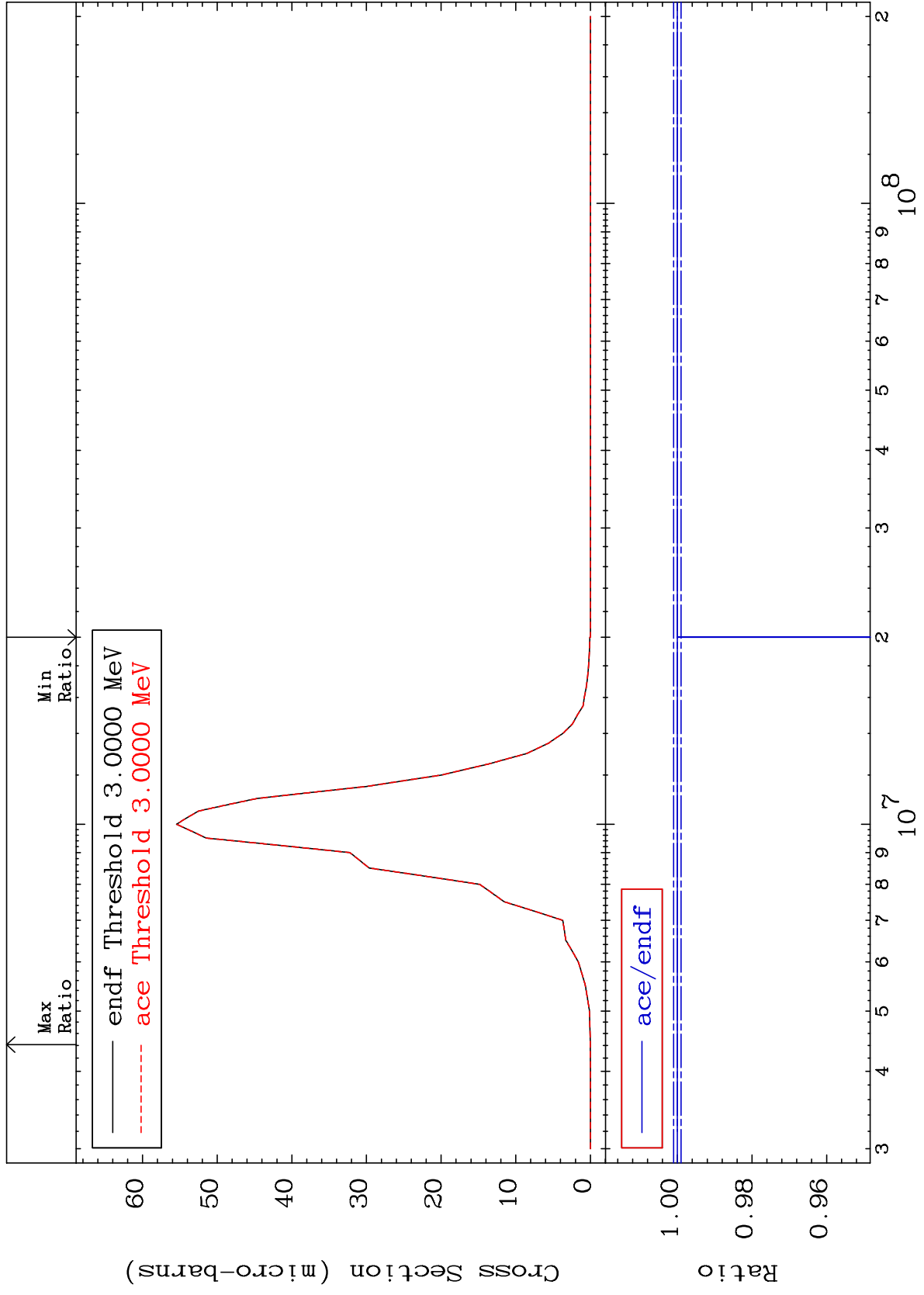
MAT 3925

3.755 MeV (n,p') Level  
Cross Section

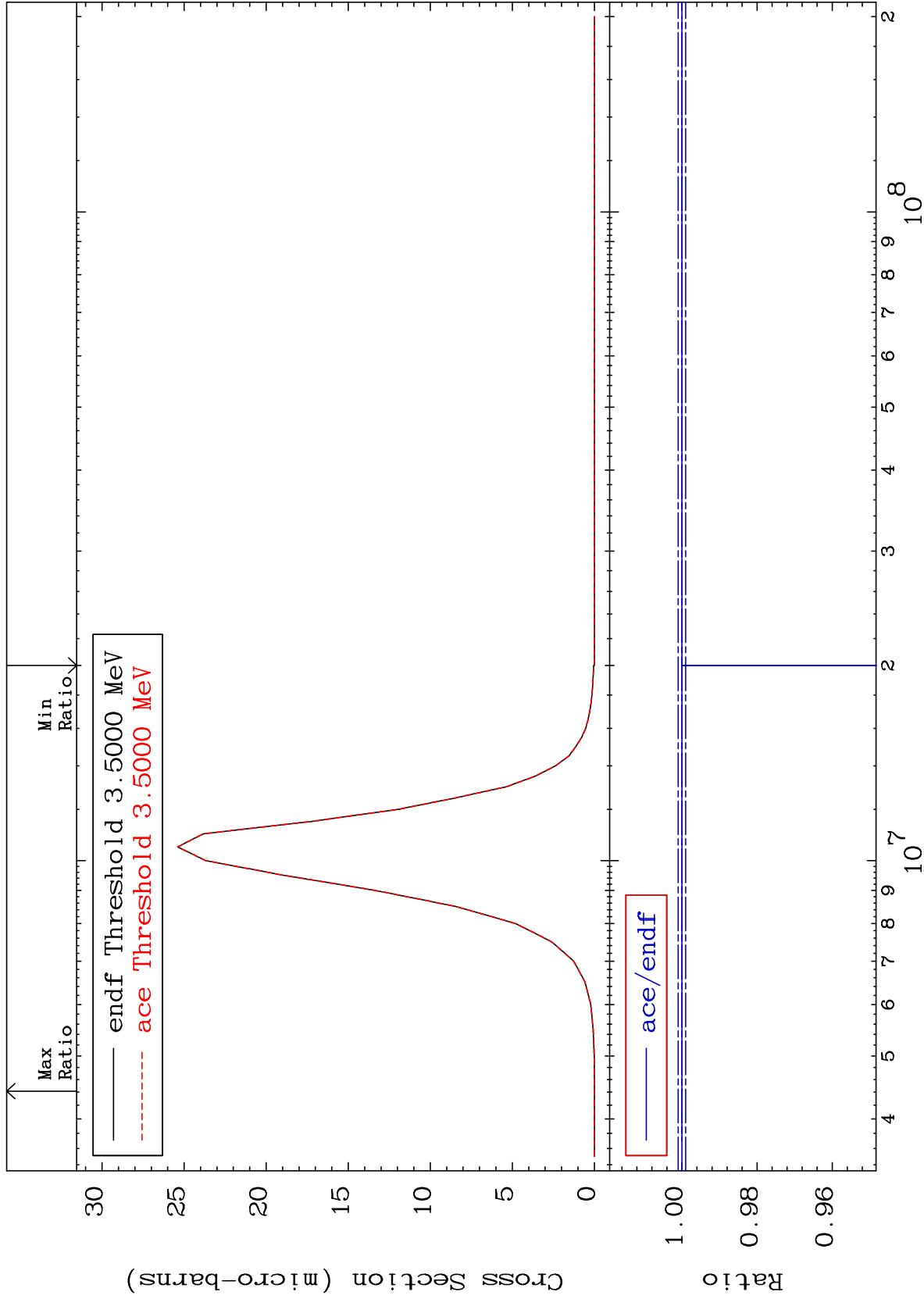
39-Y -89  
-100.0 To 0.000 %



MAT 3925 (n,  $\alpha'$ ) Ground Cross Section 39-Y -89  
-100.0 To 0.000 %



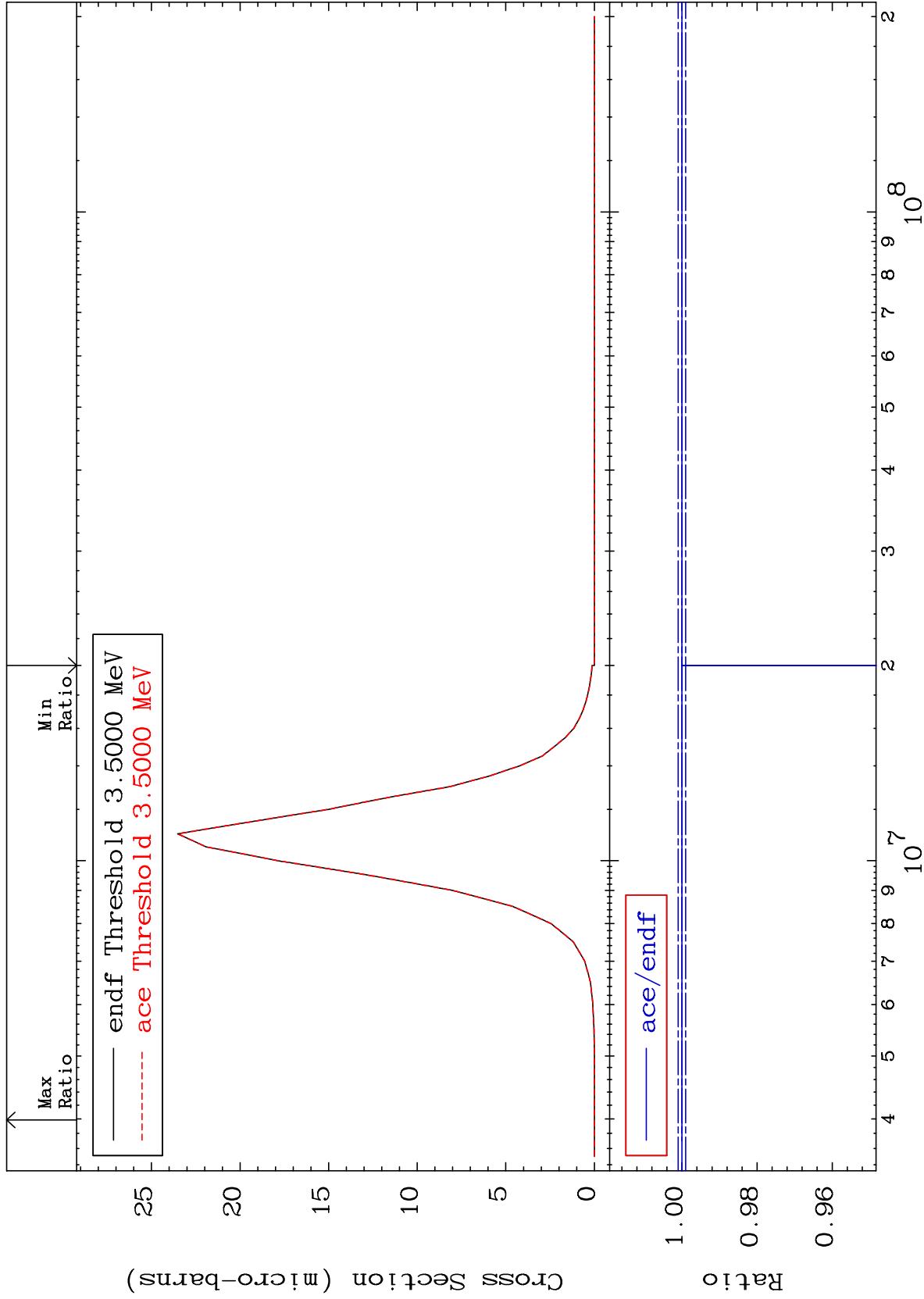
MAT 3925 488.2 keV (n,  $\alpha'$ ) Level 39-Y -89  
Cross Section -100.0 To 0.000 %



MAT 3925

556.1 keV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %

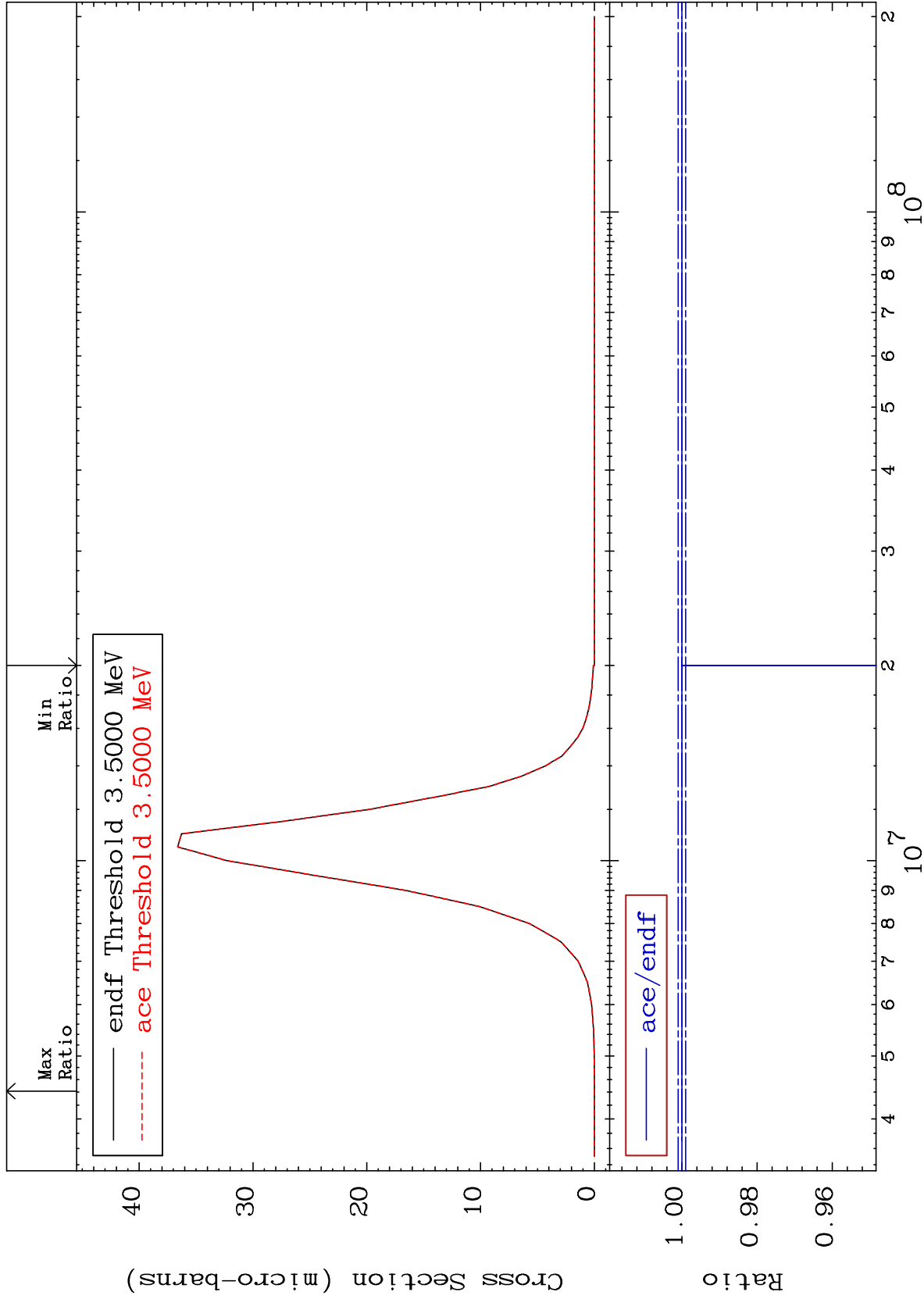


86

Incident Energy (eV)

39-Y -89

MAT 3925 557.0 keV (n,α') Level 39-Y -89  
 Cross Section -100.0 To 0.000 %

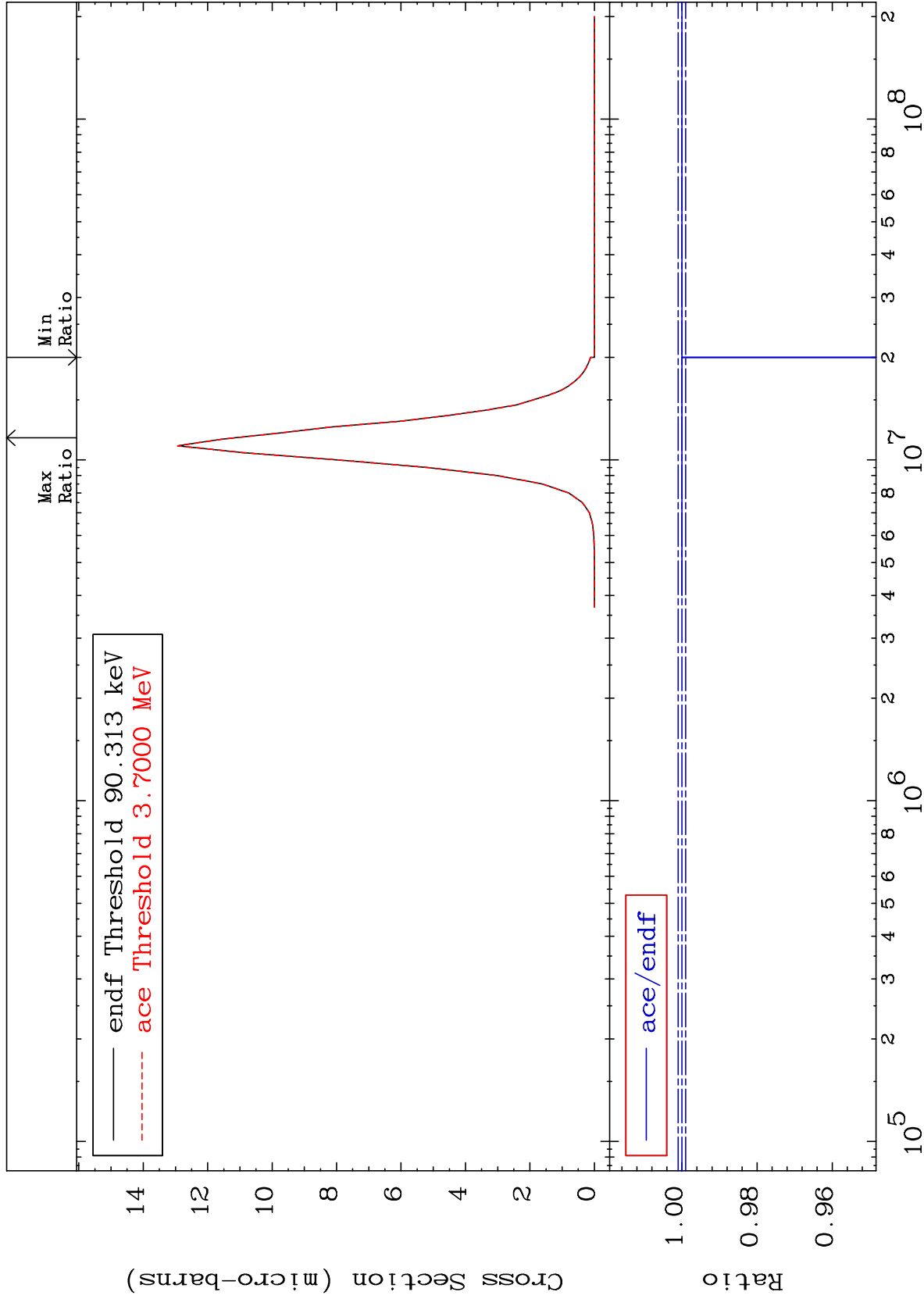




MAT 3925

780.3 keV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



88

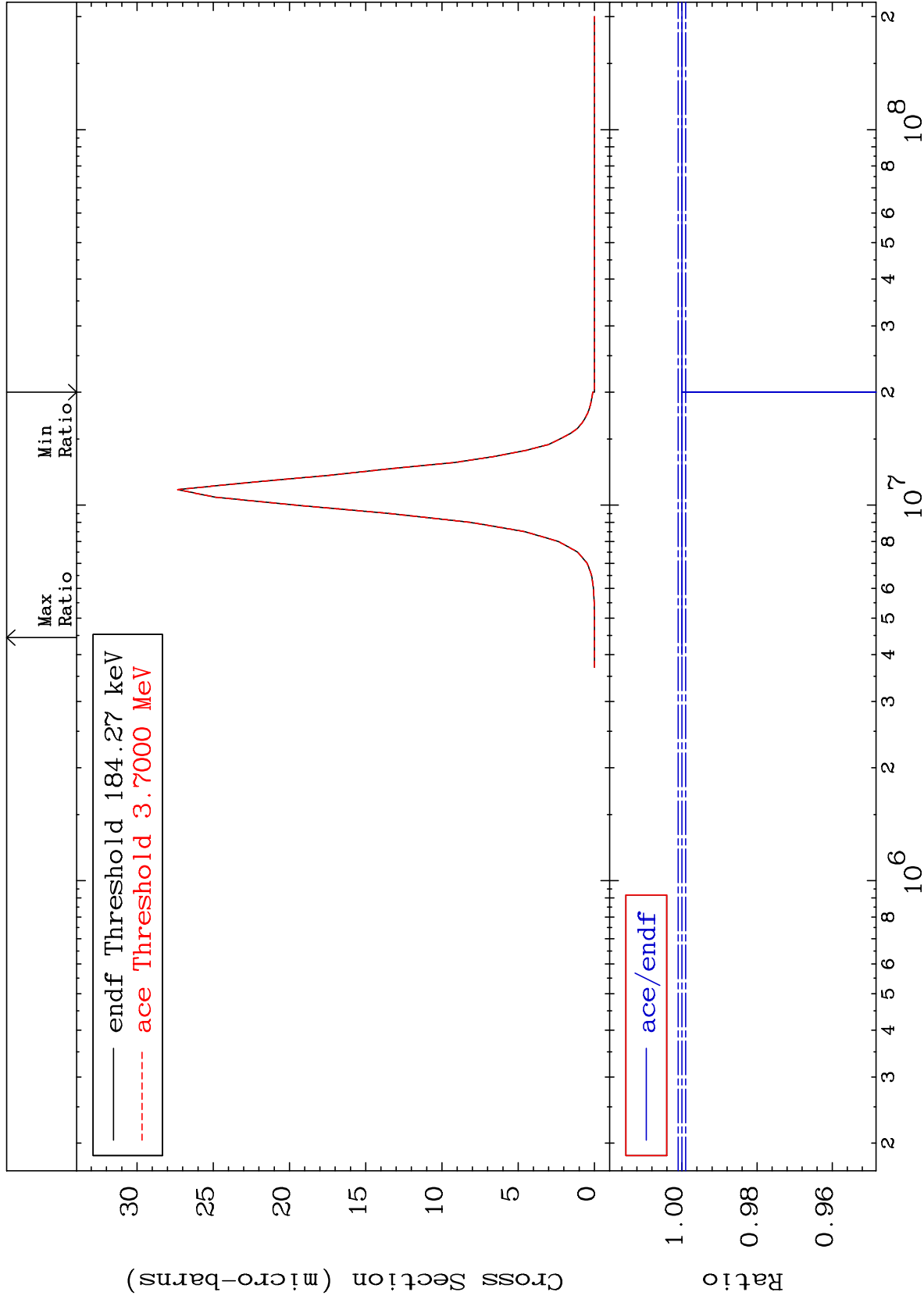
Incident Energy (eV)

39-Y -89

MAT 3925

873.2 keV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



89

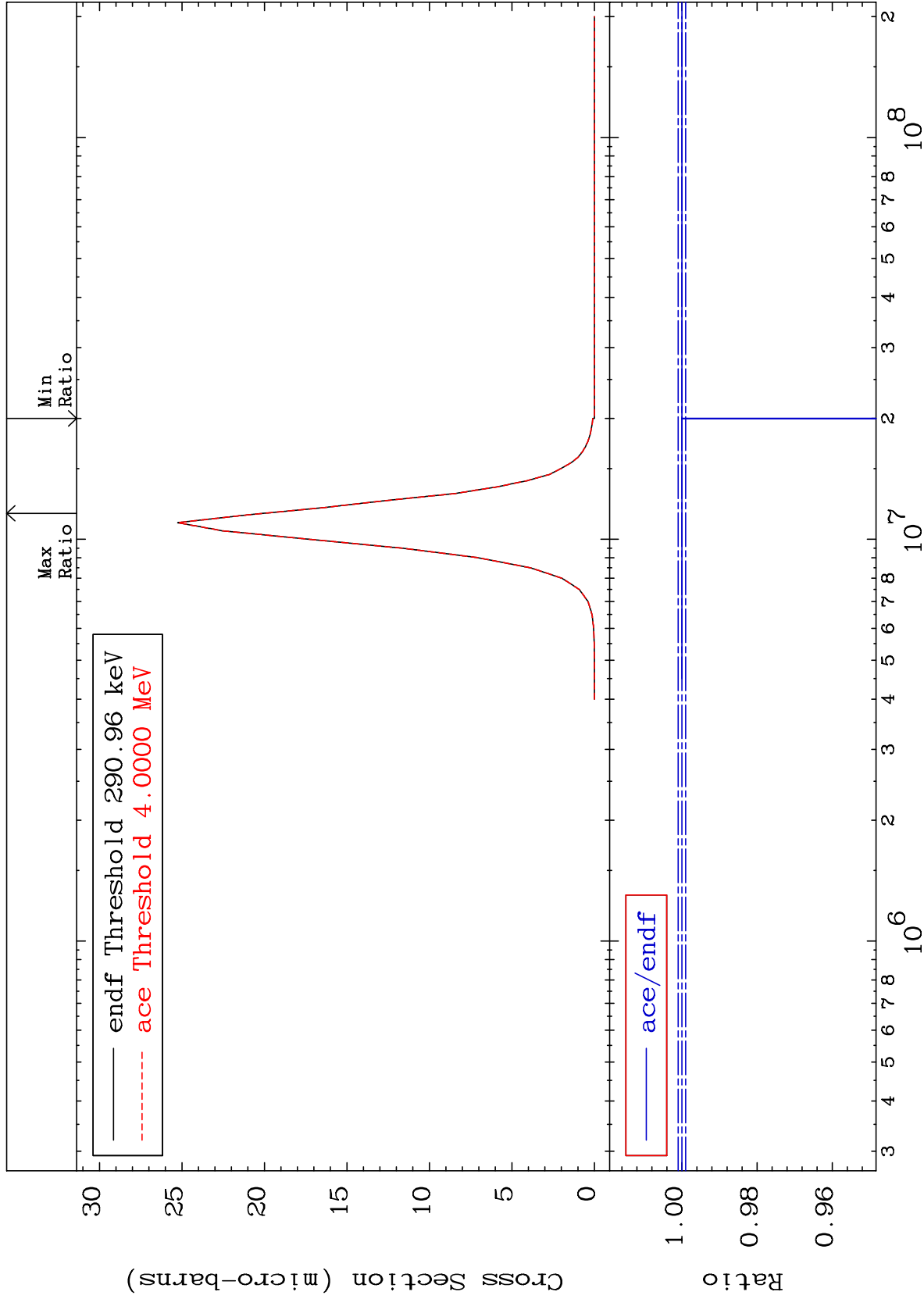
Incident Energy (eV)

39-Y -89

MAT 3925

978.7 keV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



90

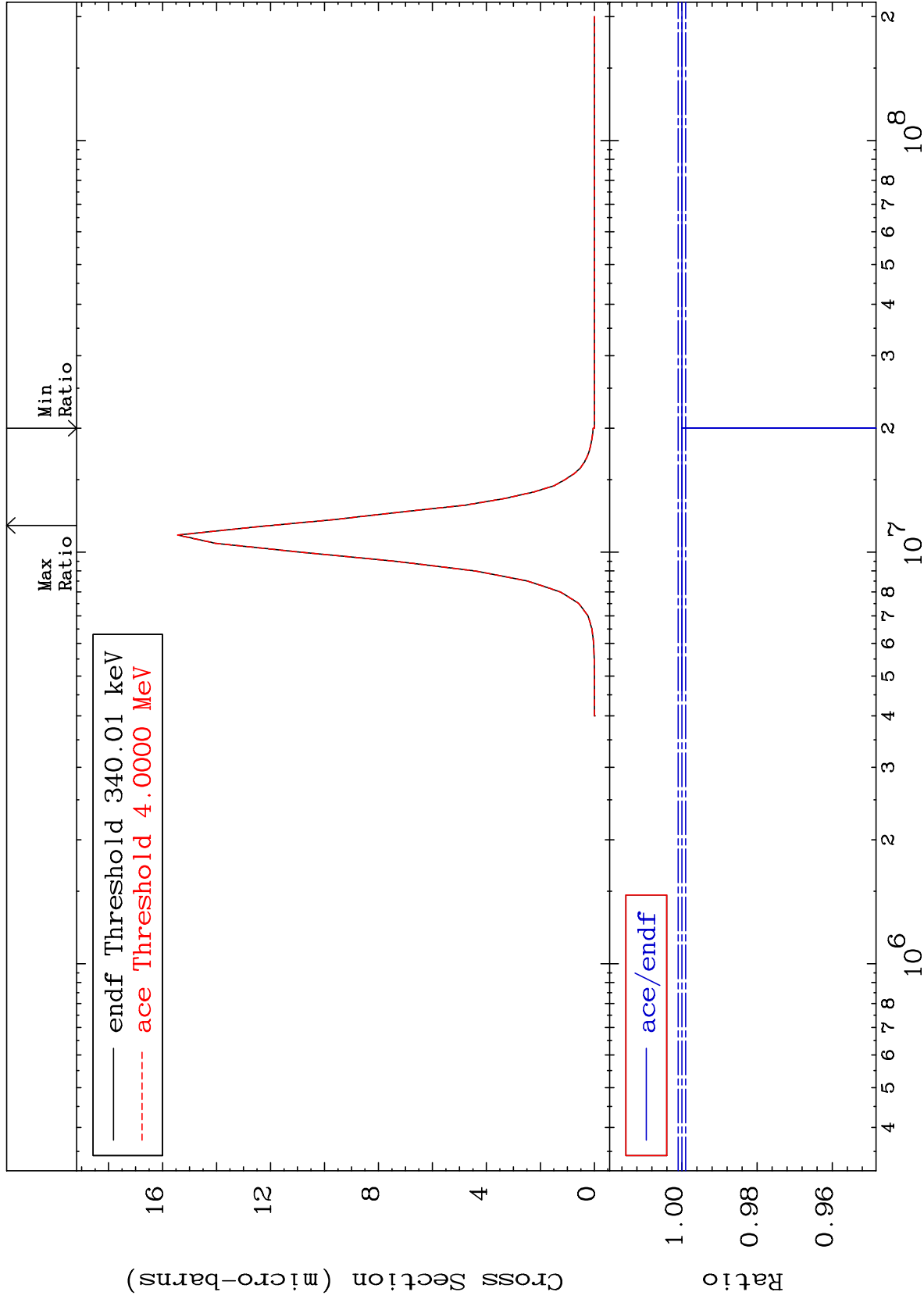
Incident Energy (eV)

39-Y -89

MAT 3925

1.027 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



91

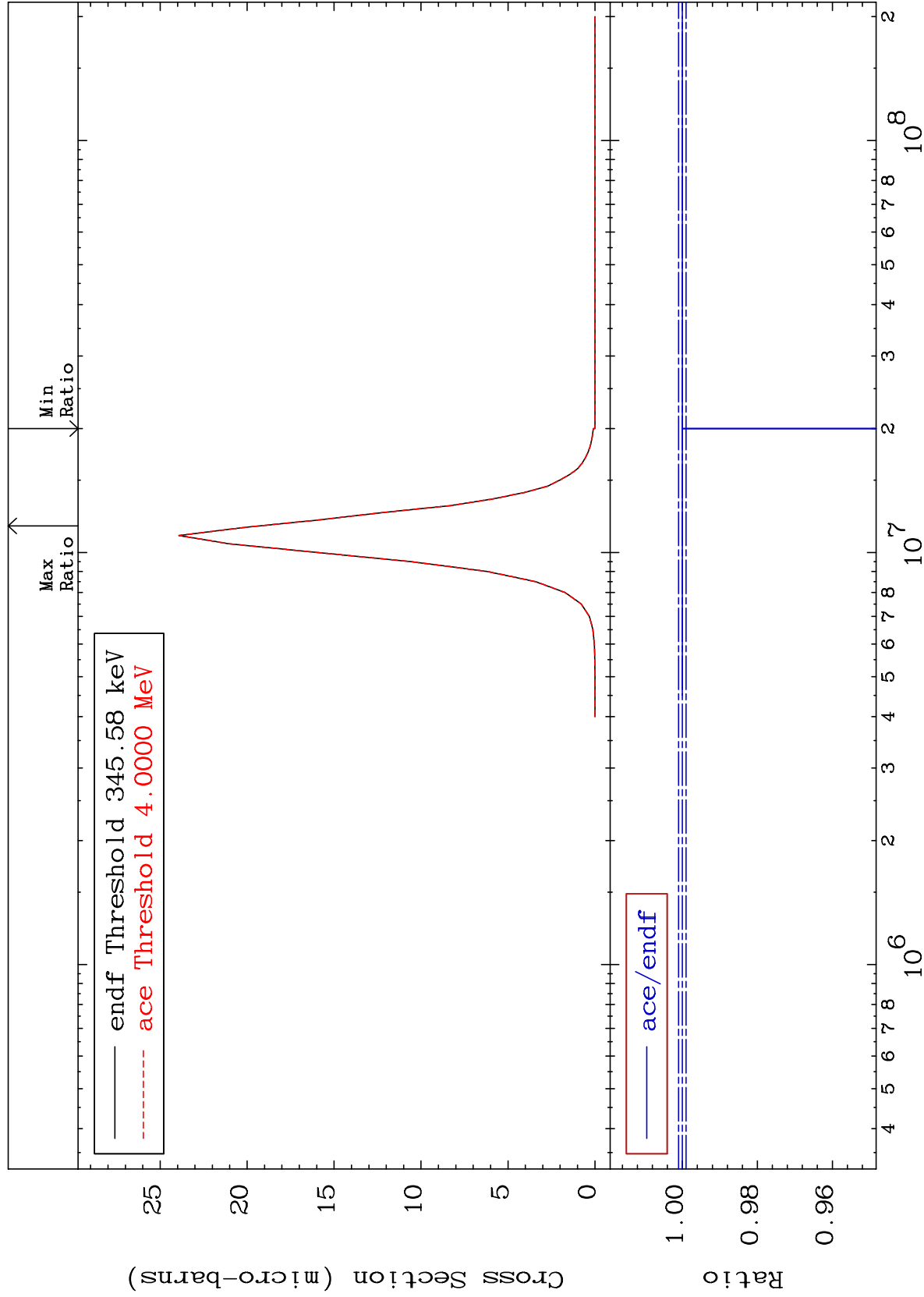
Incident Energy (eV)

39-Y -89

MAT 3925

1.033 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



92

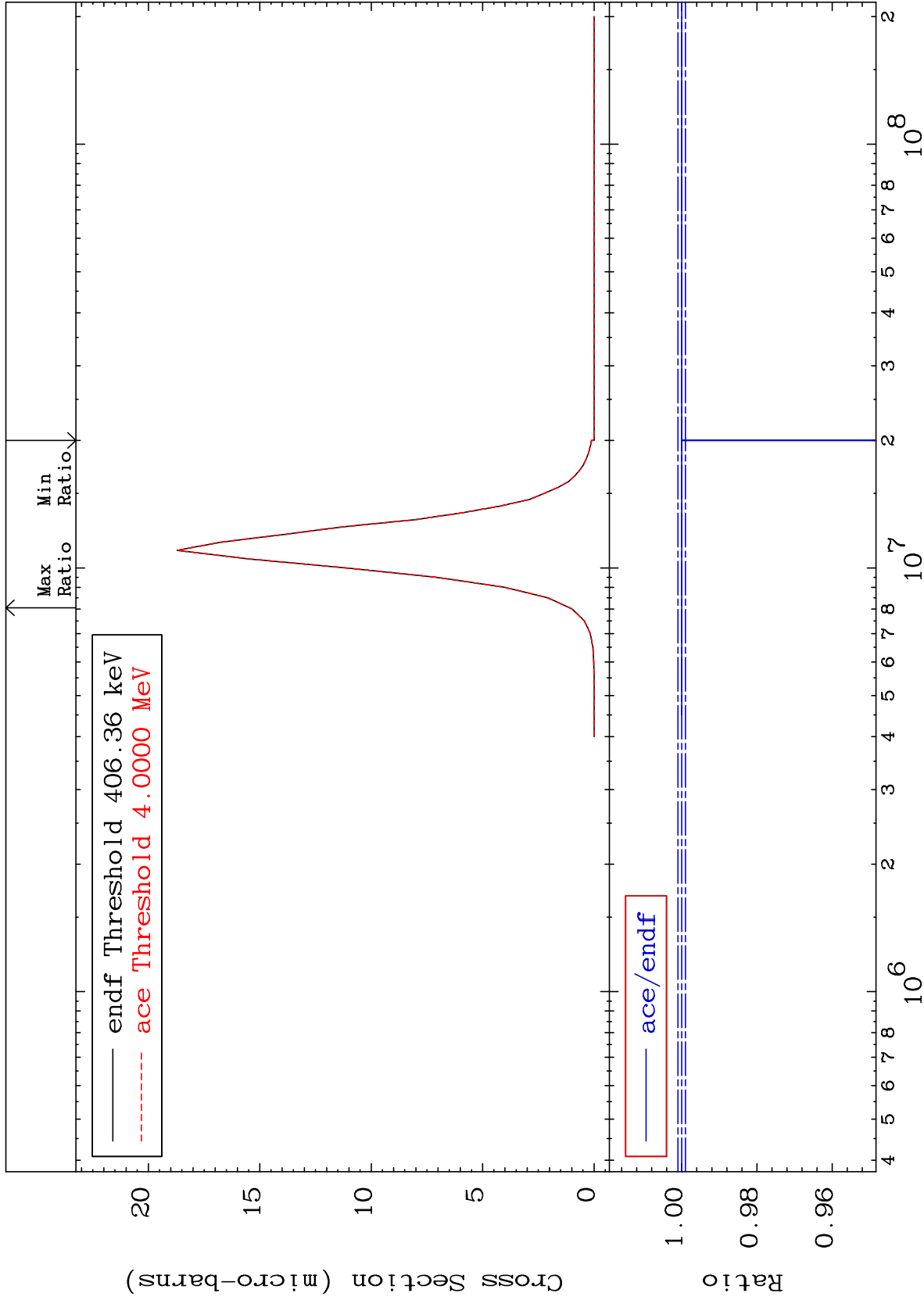
Incident Energy (eV)

39-Y -89

MAT 3925

1.093 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



93

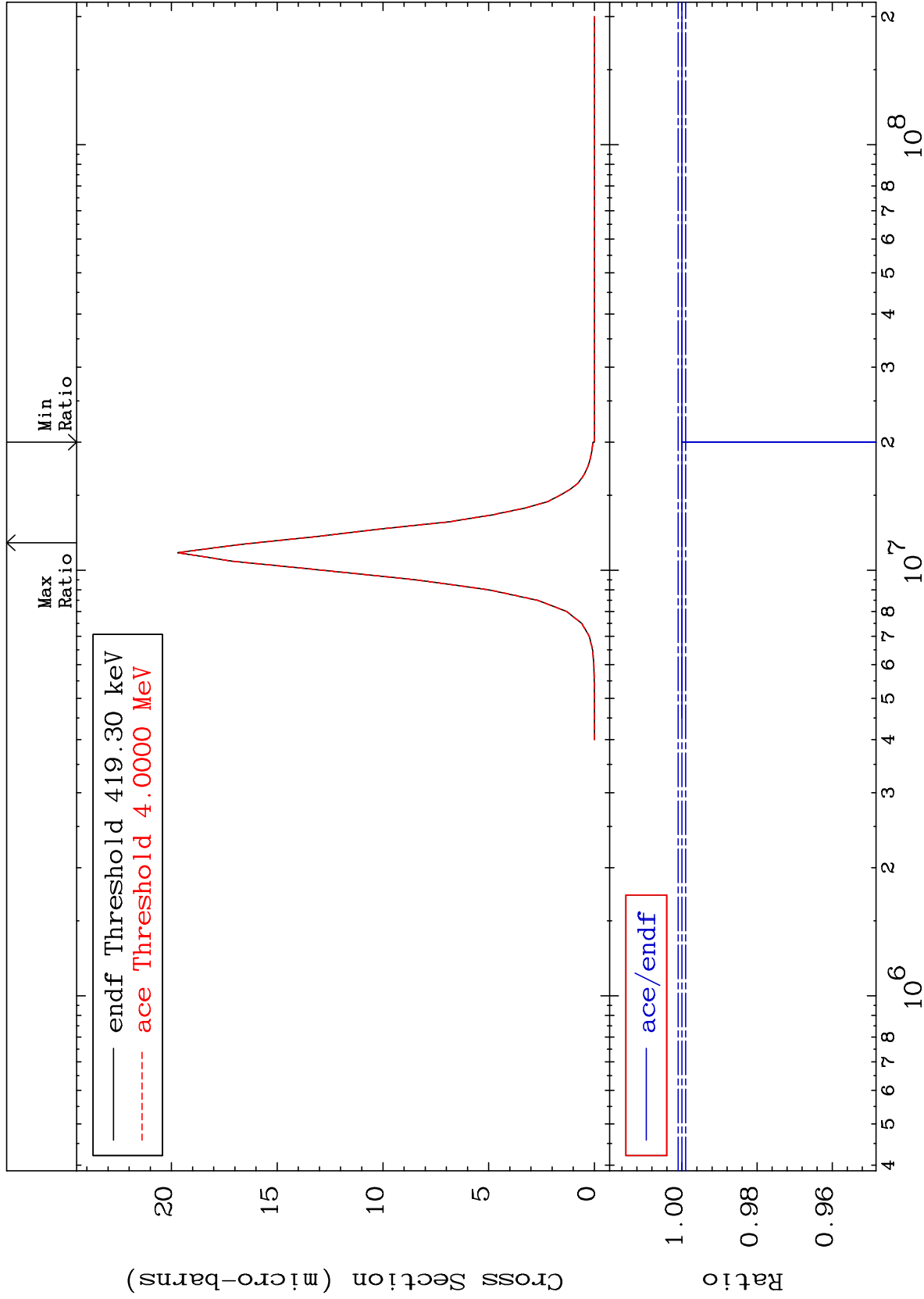
Incident Energy (eV)

39-Y -89

MAT 3925

1.106 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



94

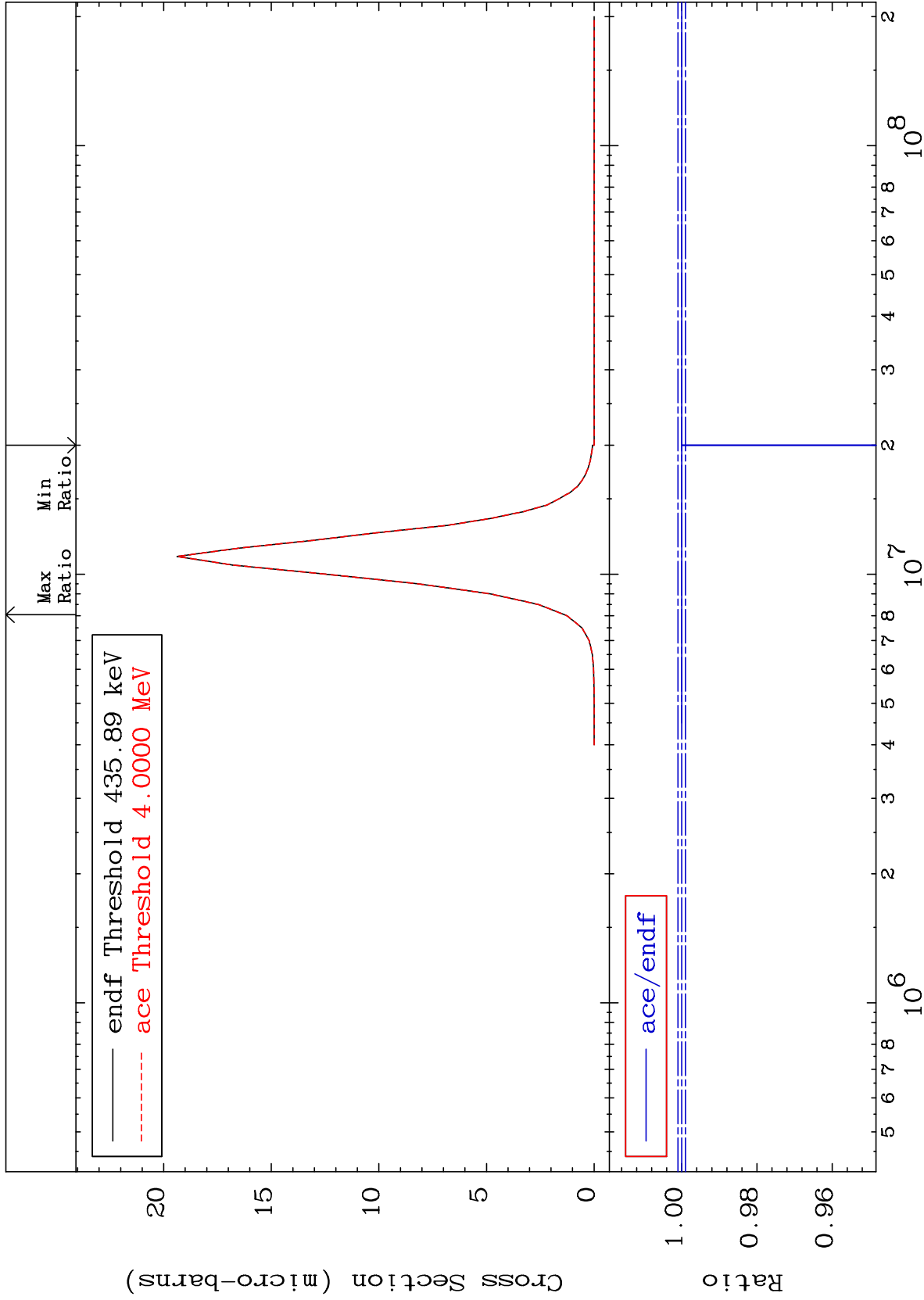
Incident Energy (eV)

39-Y -89

MAT 3925

1.122 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



95

Incident Energy (eV)

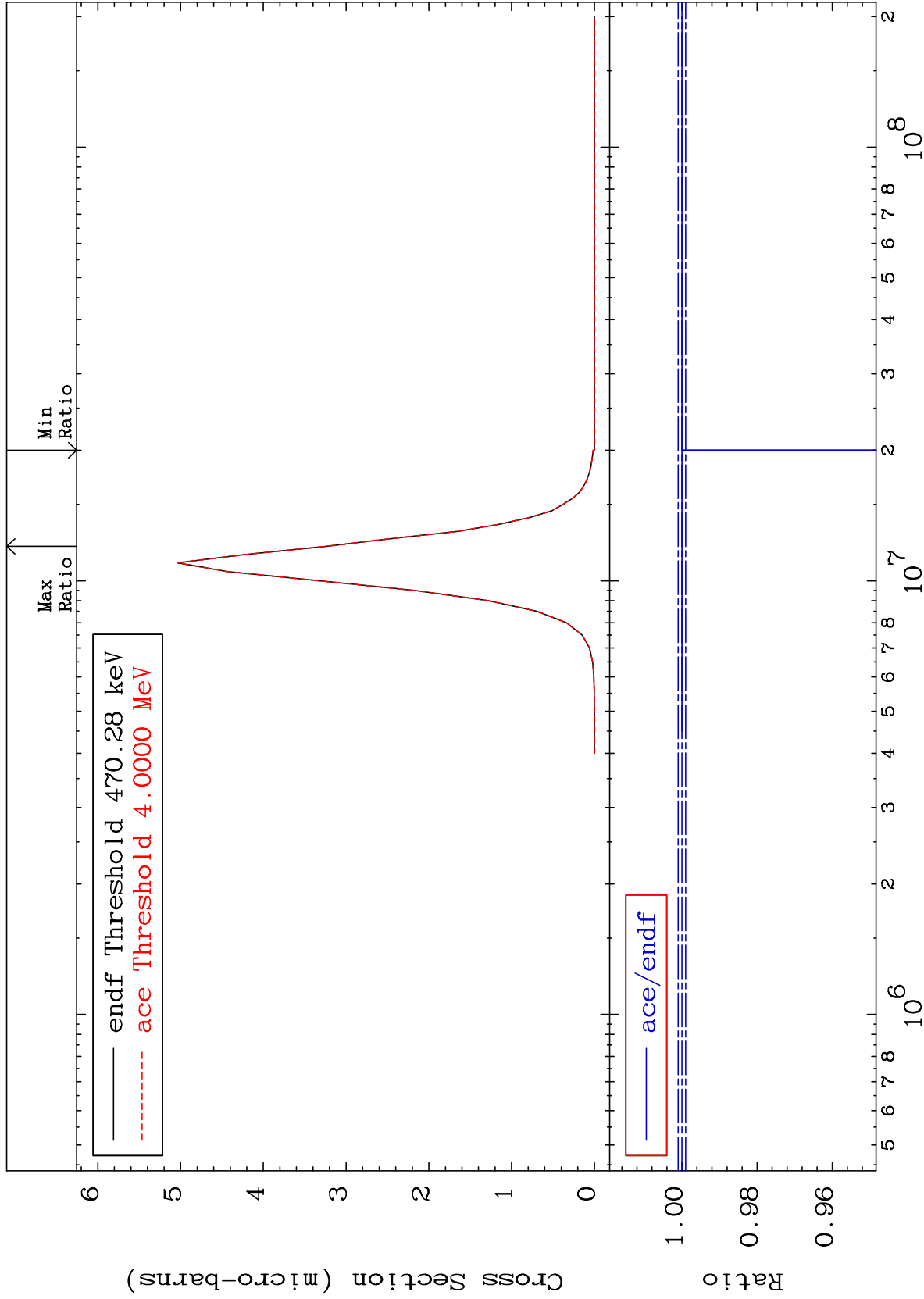
39-Y -89



MAT 3925

1.156 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



96

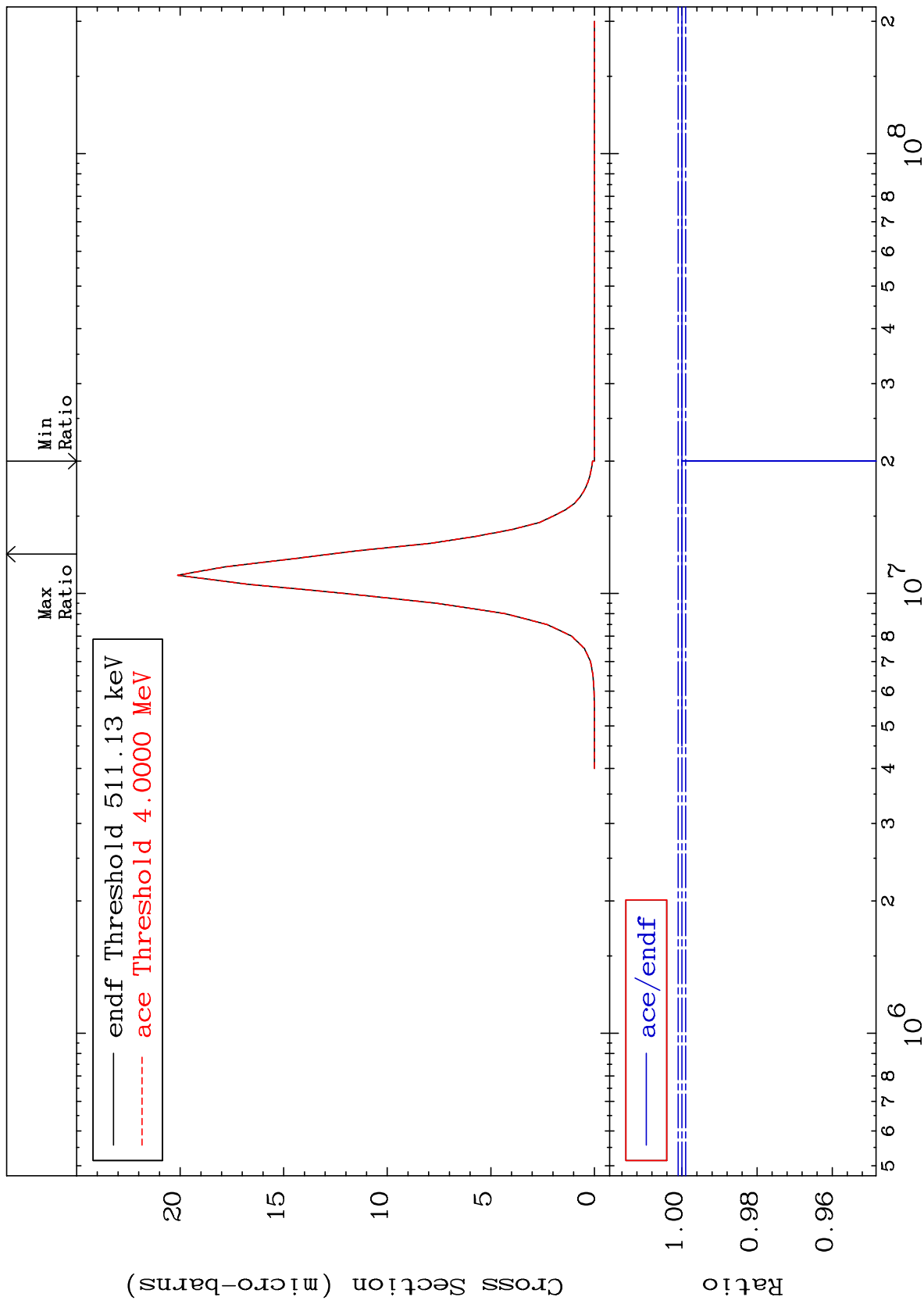
Incident Energy (eV)

39-Y -89

MAT 3925

1.196 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



97

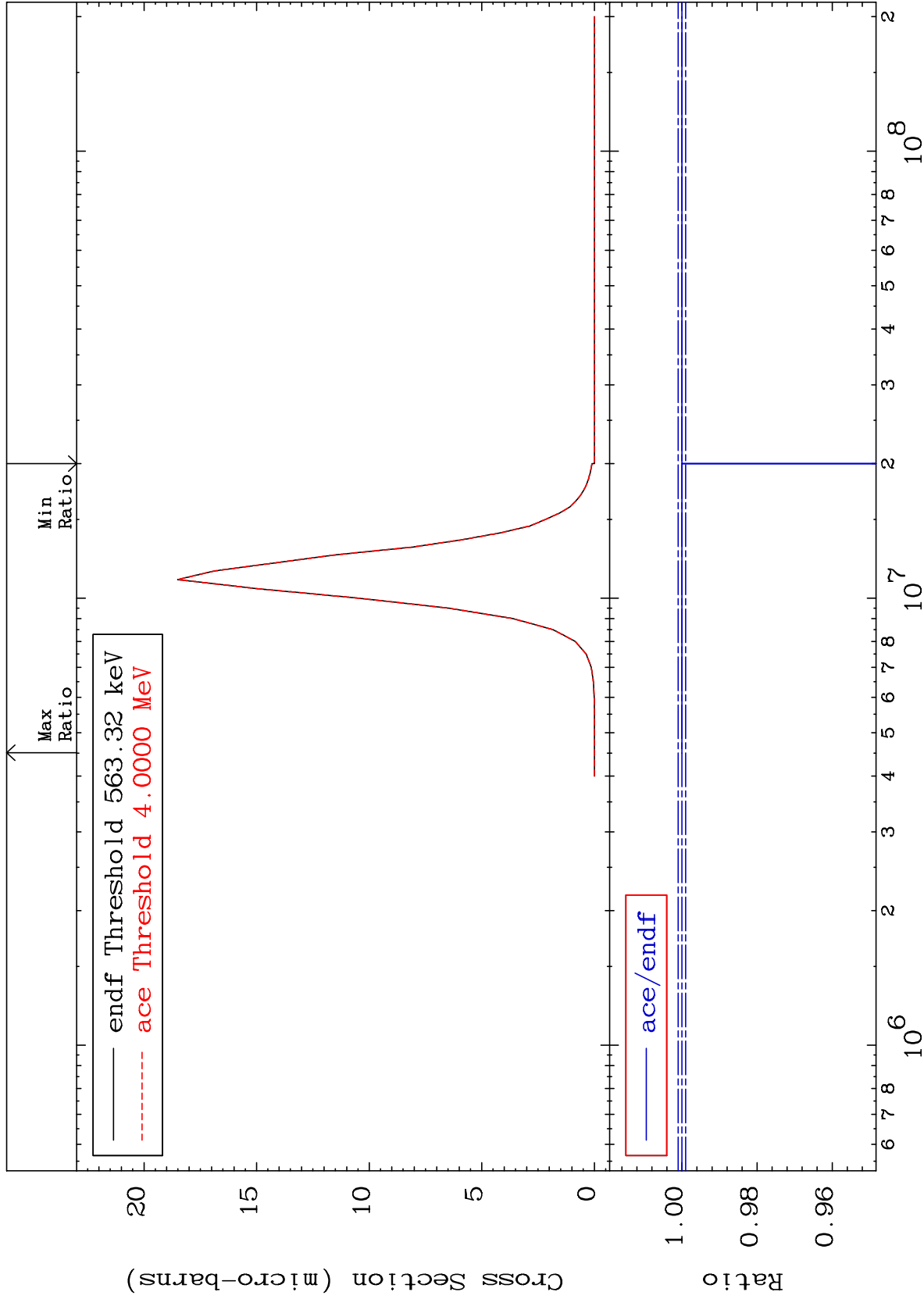
Incident Energy (eV)

39-Y -89

MAT 3925

1.248 MeV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



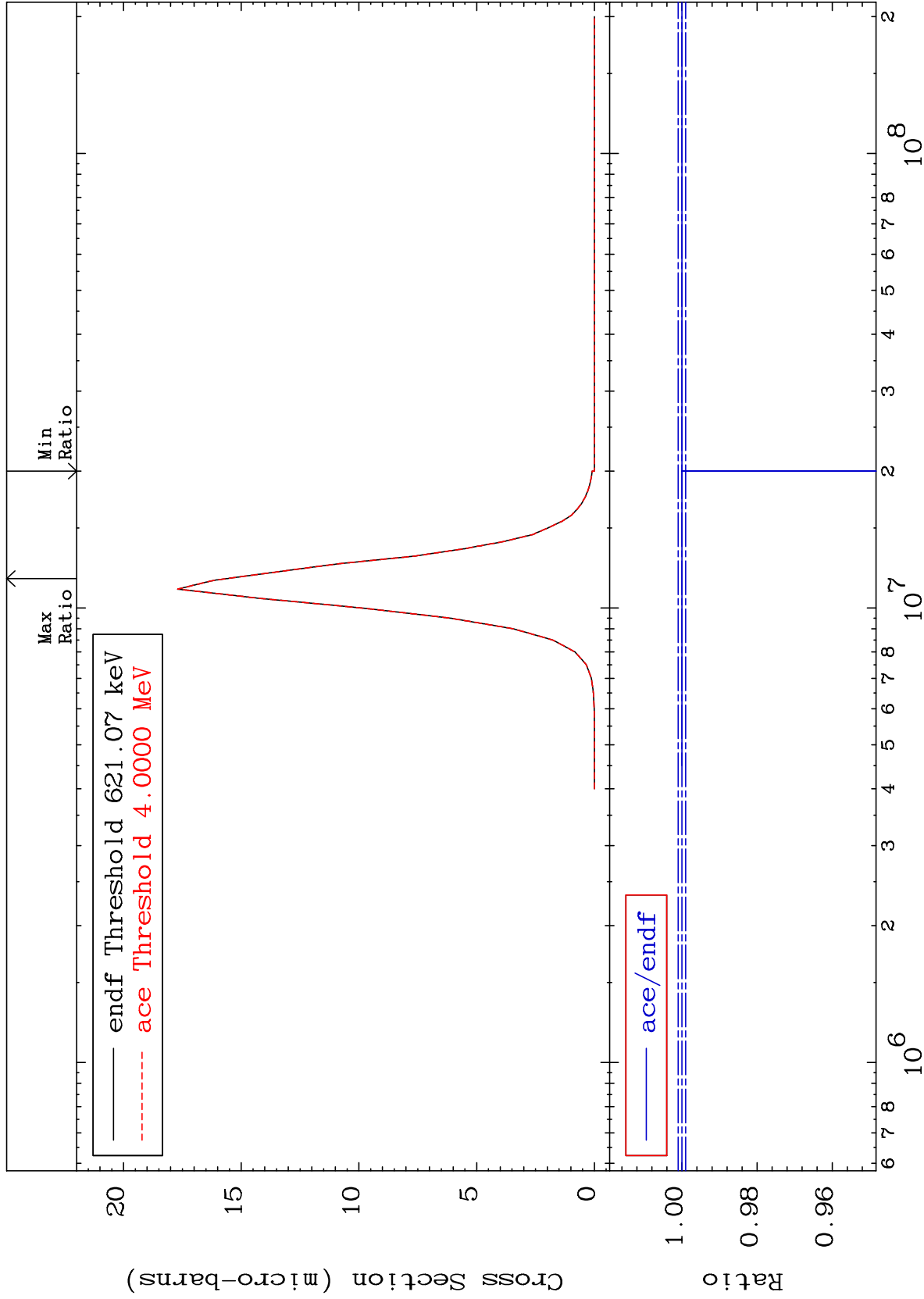
98

39-Y -89

MAT 3925

1.305 MeV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



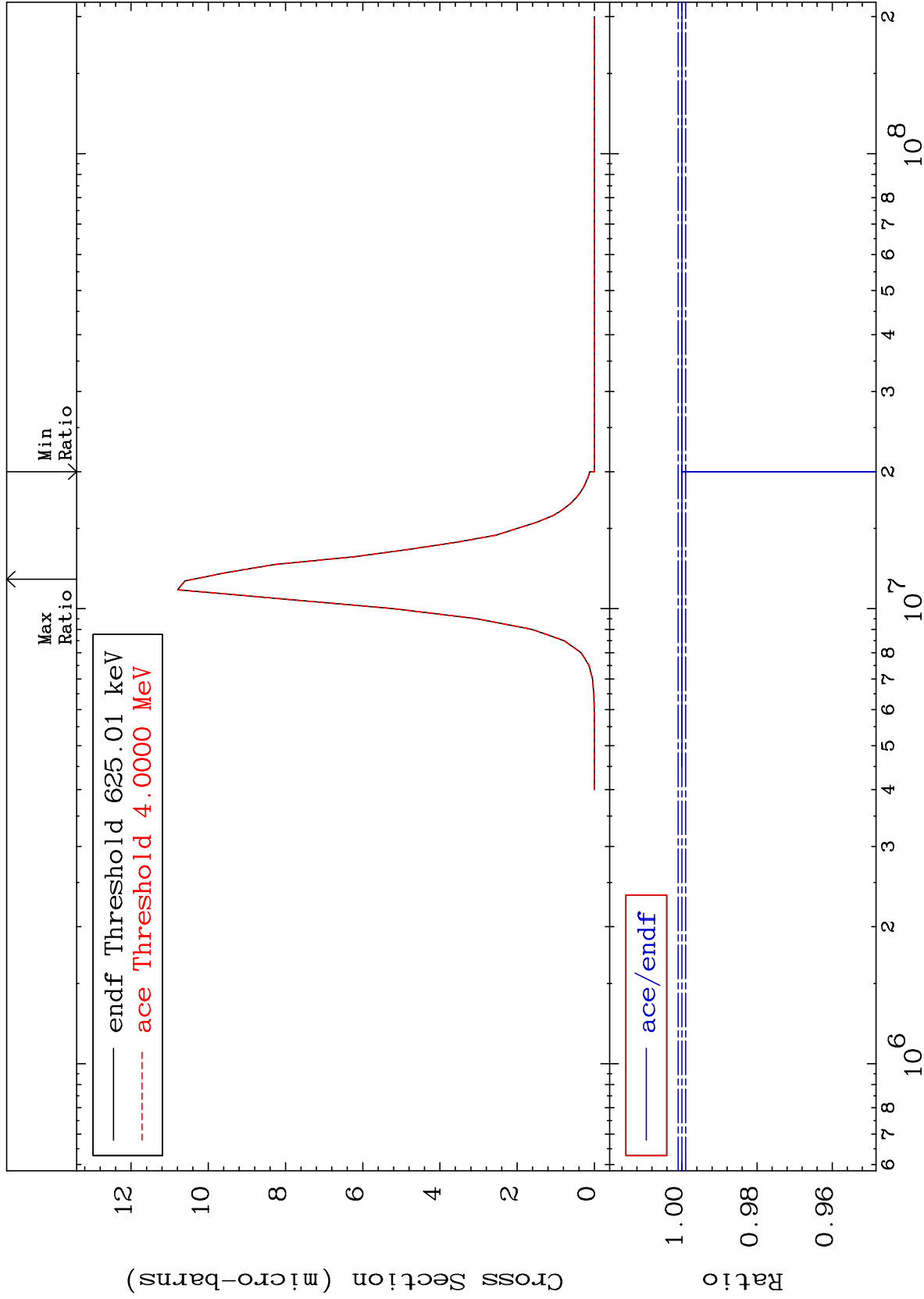
99

39-Y -89

MAT 3925

1.309 MeV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



100

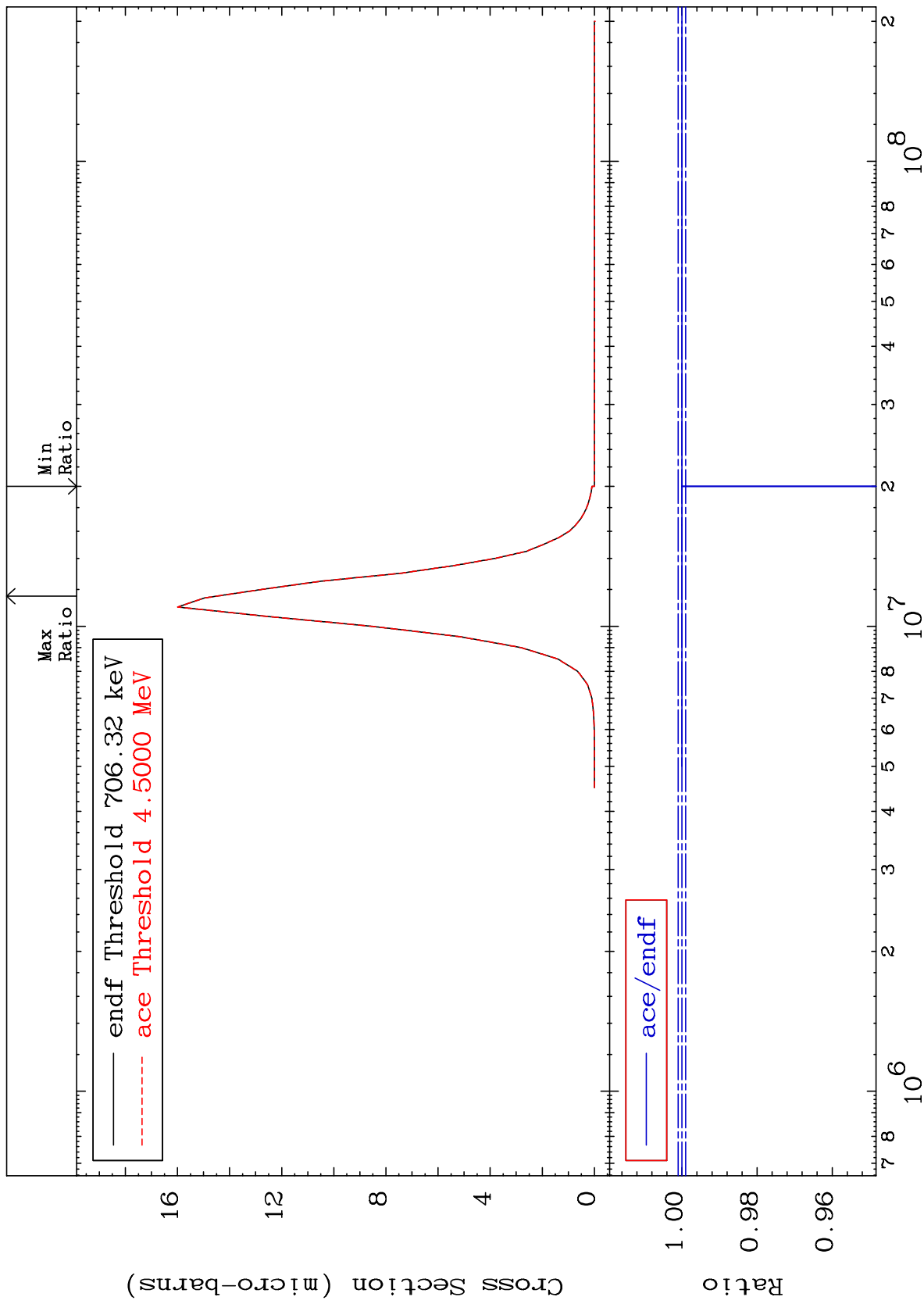
Incident Energy (eV)

39-Y -89

MAT 3925

1.389 MeV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



101

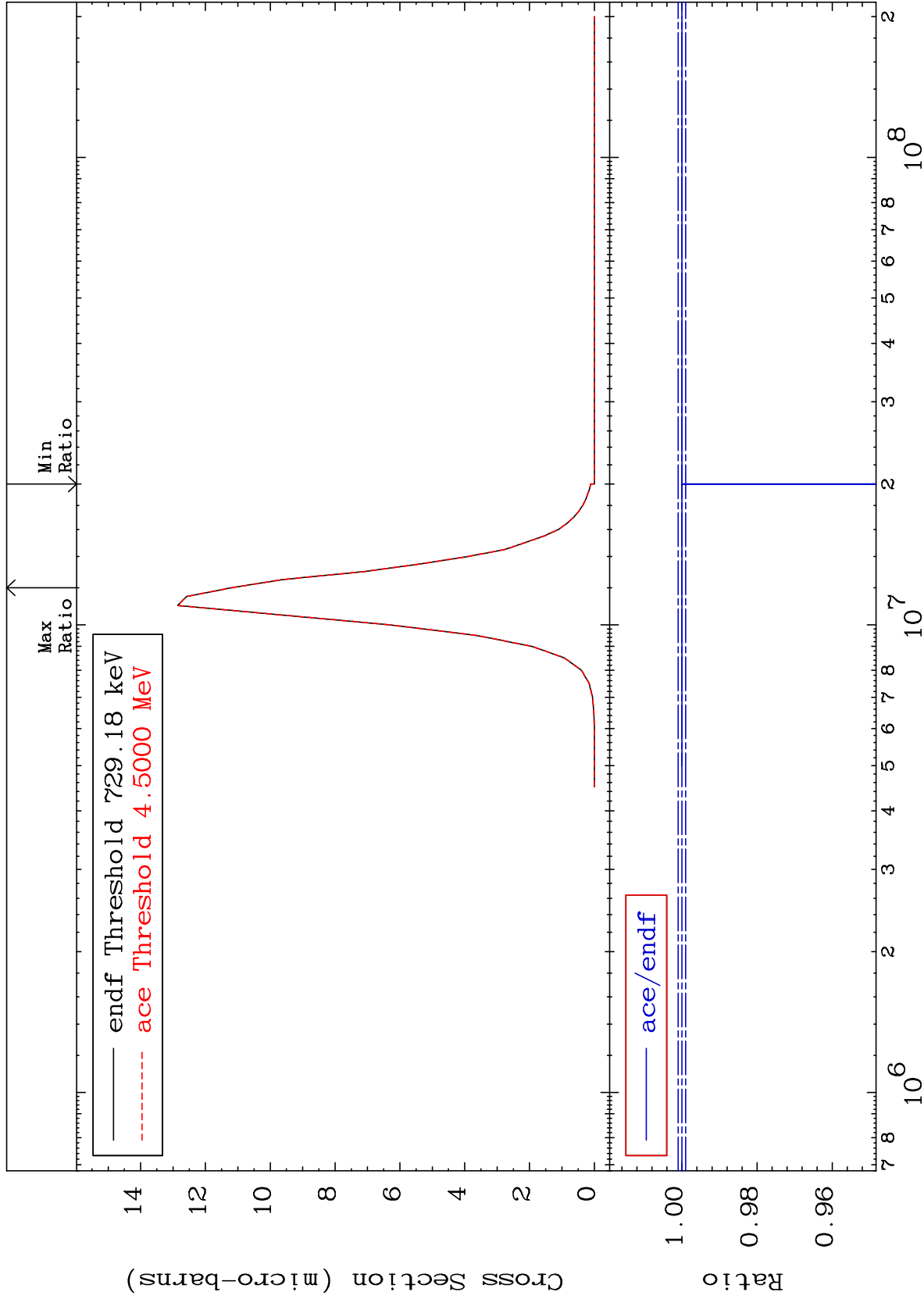
Incident Energy (eV)

39-Y -89

MAT 3925

1.412 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



102

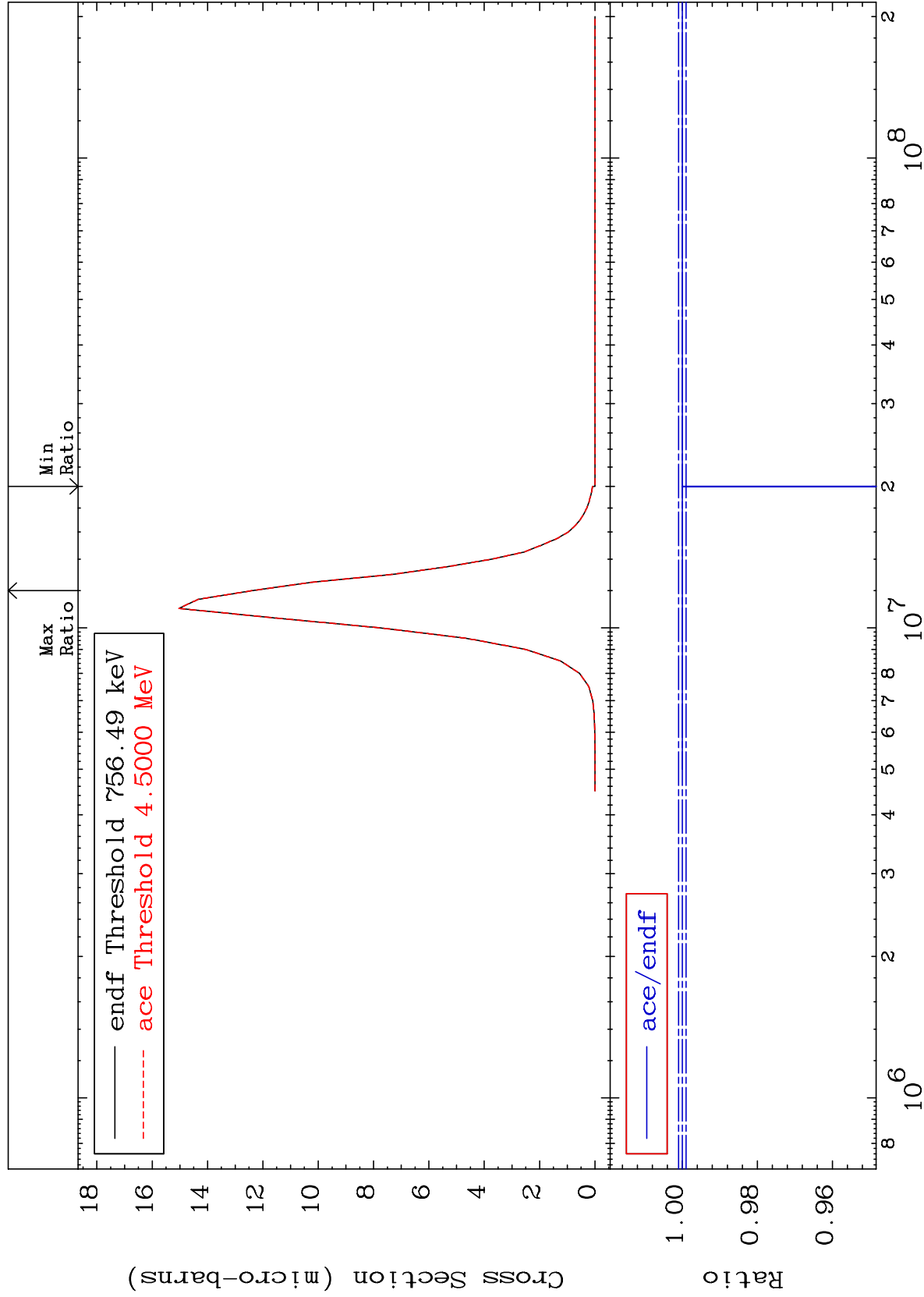
Incident Energy (eV)

39-Y -89

MAT 3925

1.439 MeV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



103

Incident Energy (eV)

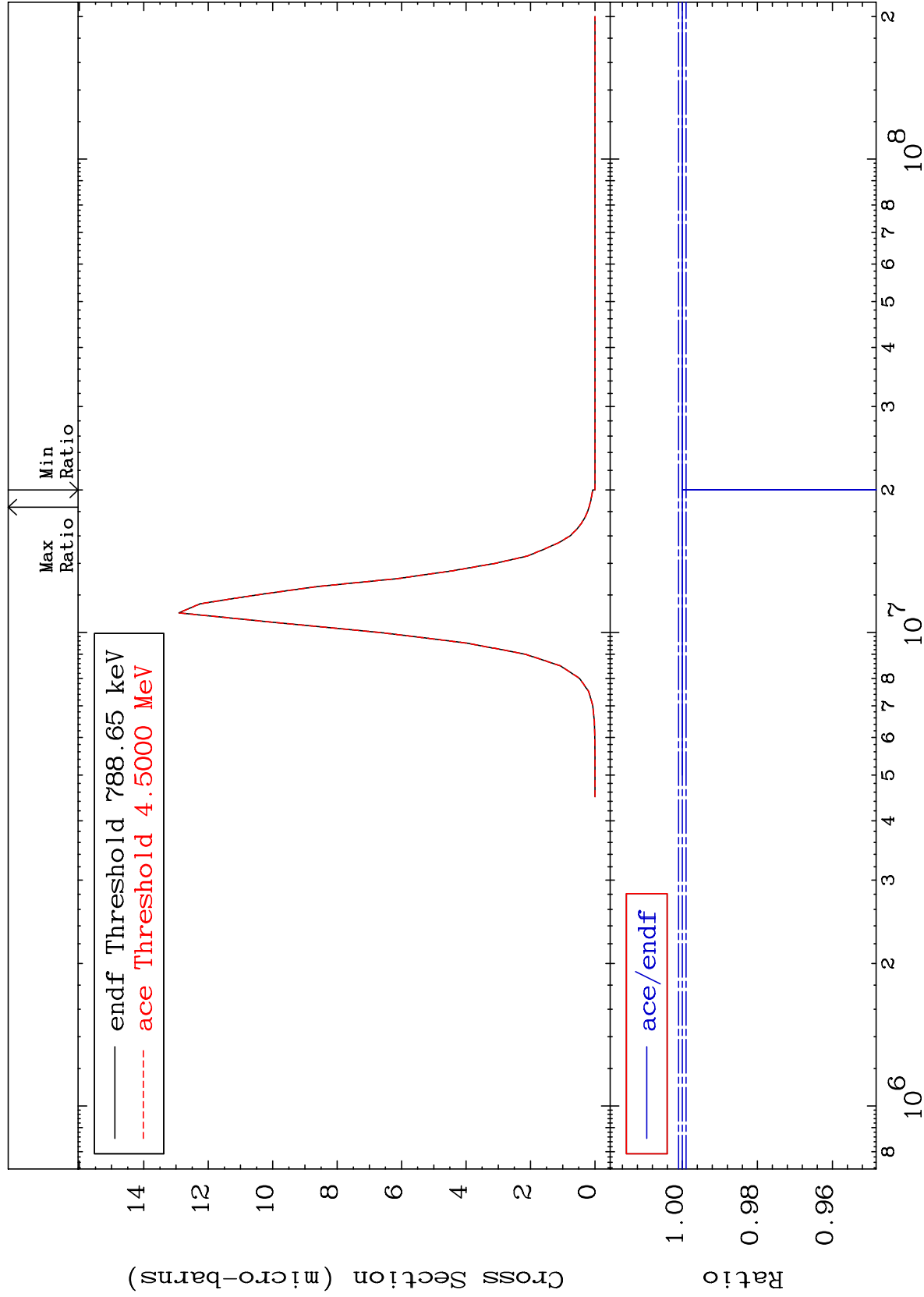
39-Y -89



MAT 3925

1.471 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



104

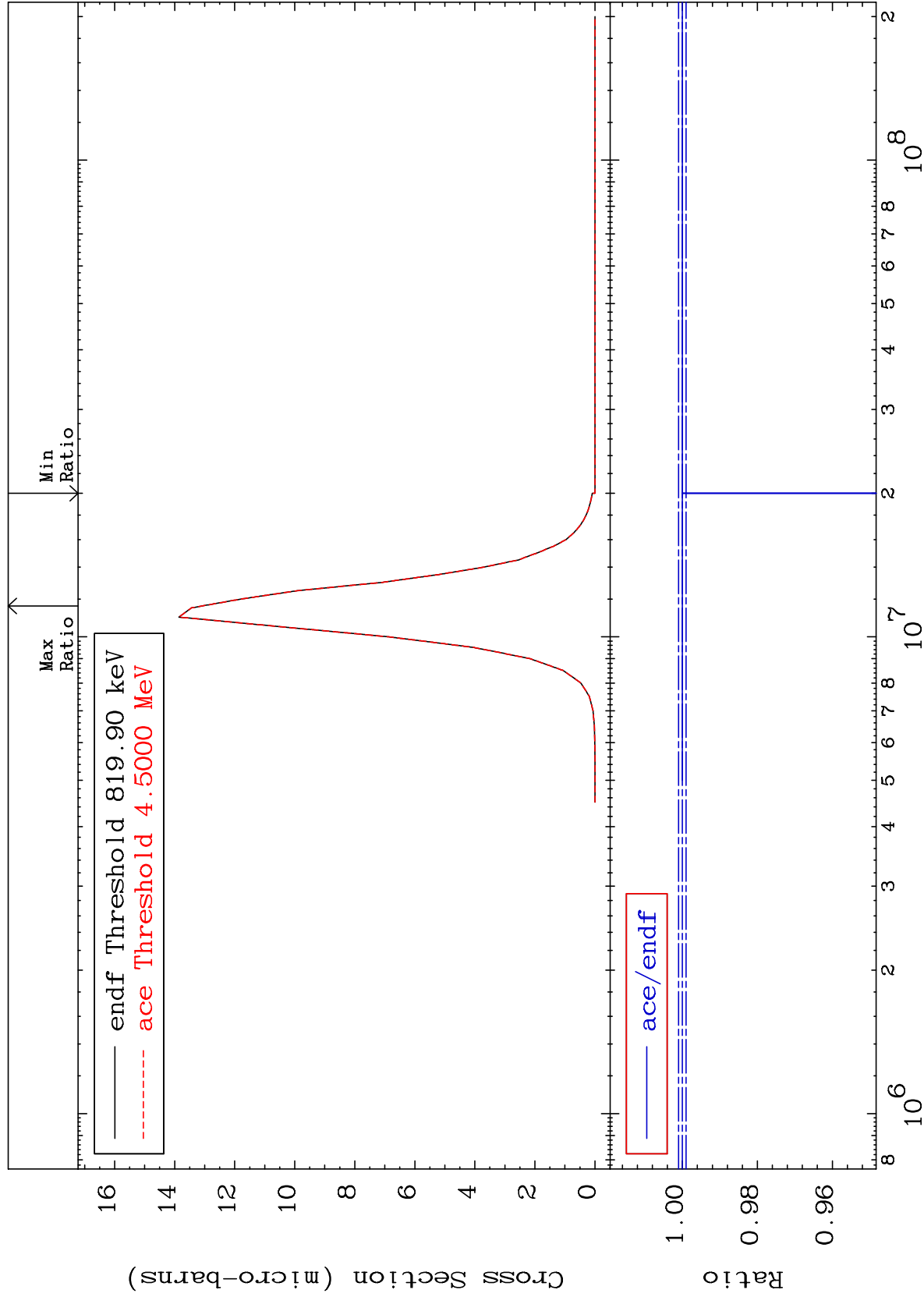
Incident Energy (eV)

39-Y -89

MAT 3925

1.502 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



105

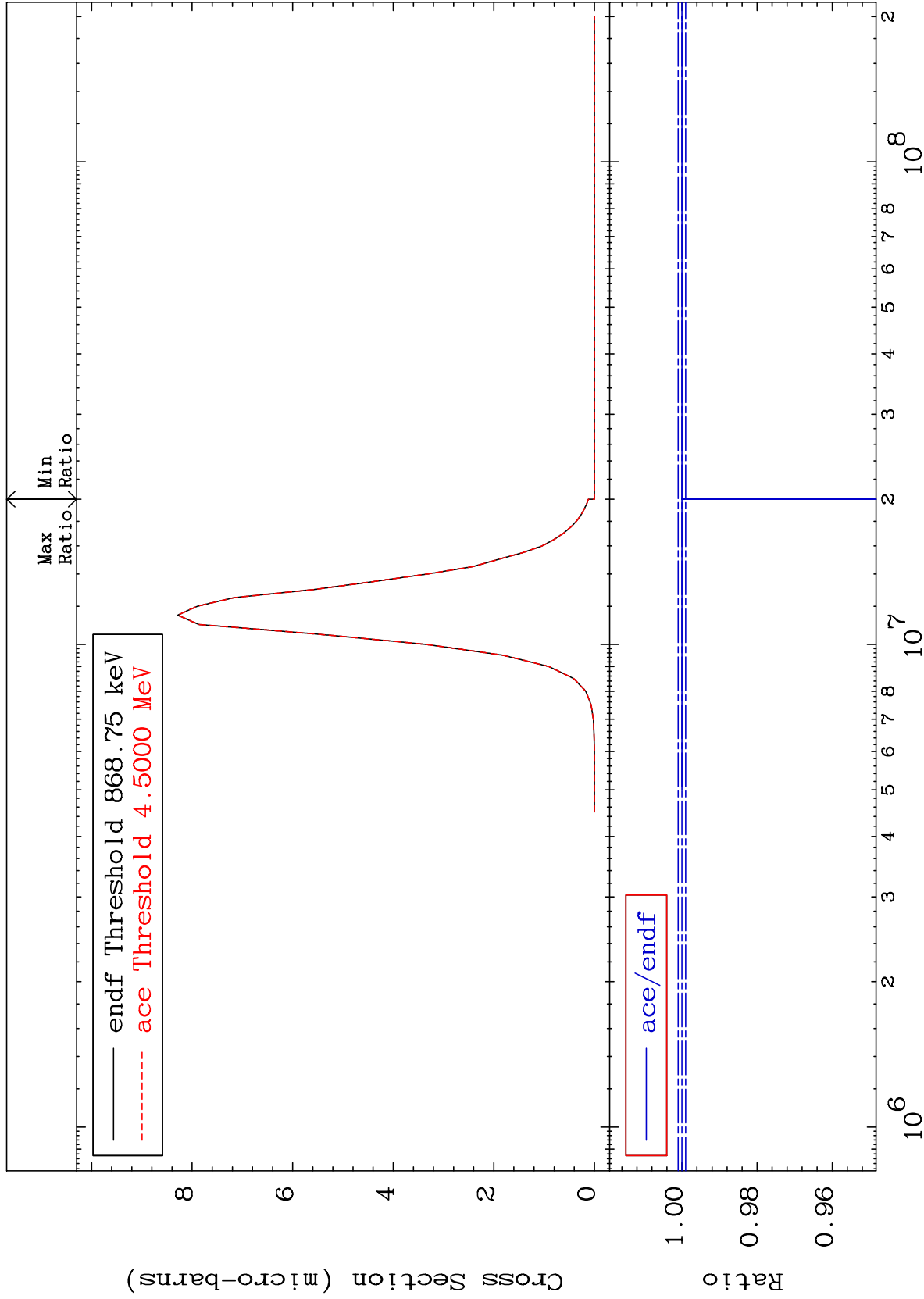
Incident Energy (eV)

39-Y -89

MAT 3925

1.550 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



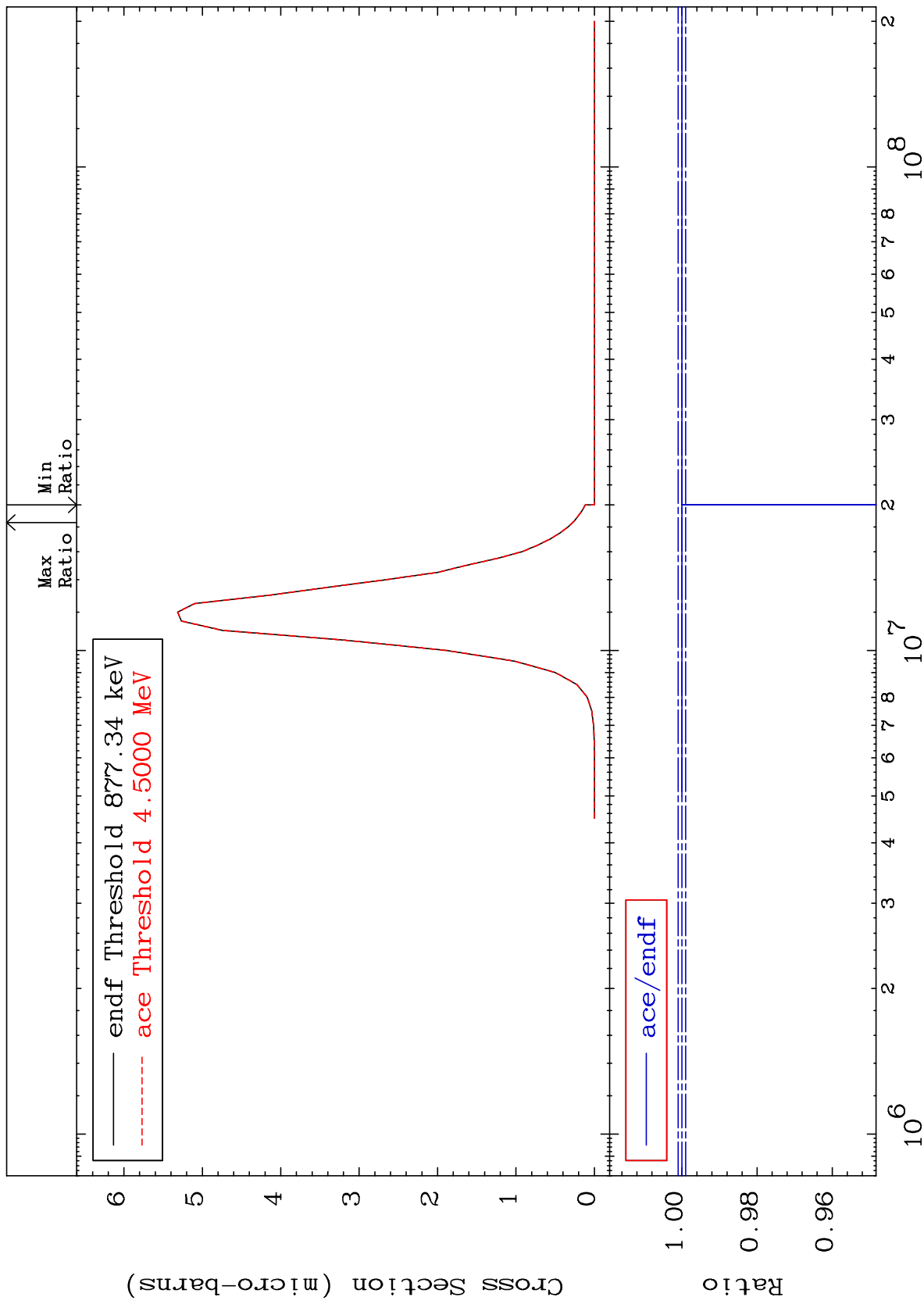
106

39-Y -89

MAT 3925

1.559 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



107

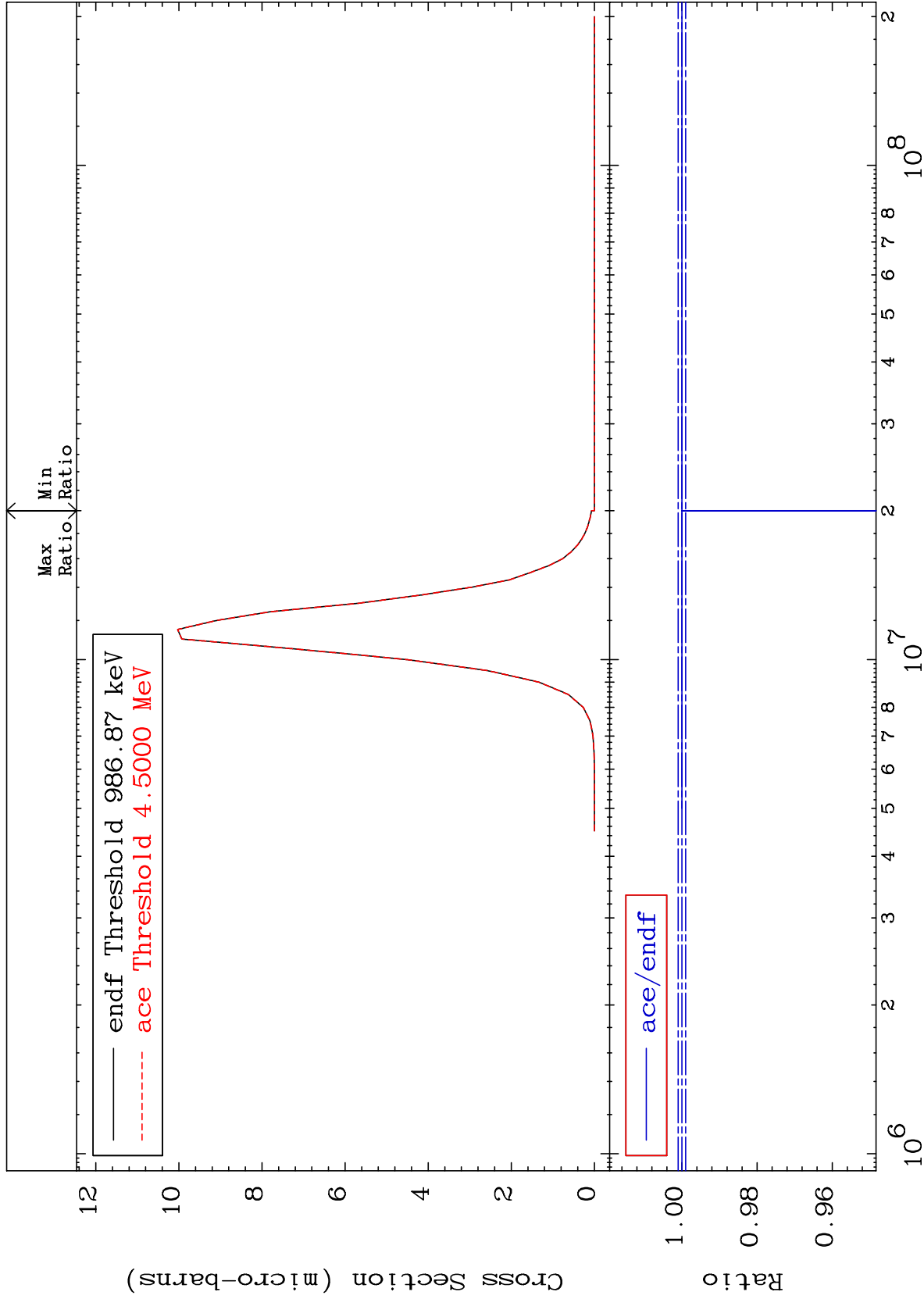
Incident Energy (eV)

39-Y -89

MAT 3925

1.667 MeV (n,  $\alpha'$ ) Level  
Cross Section

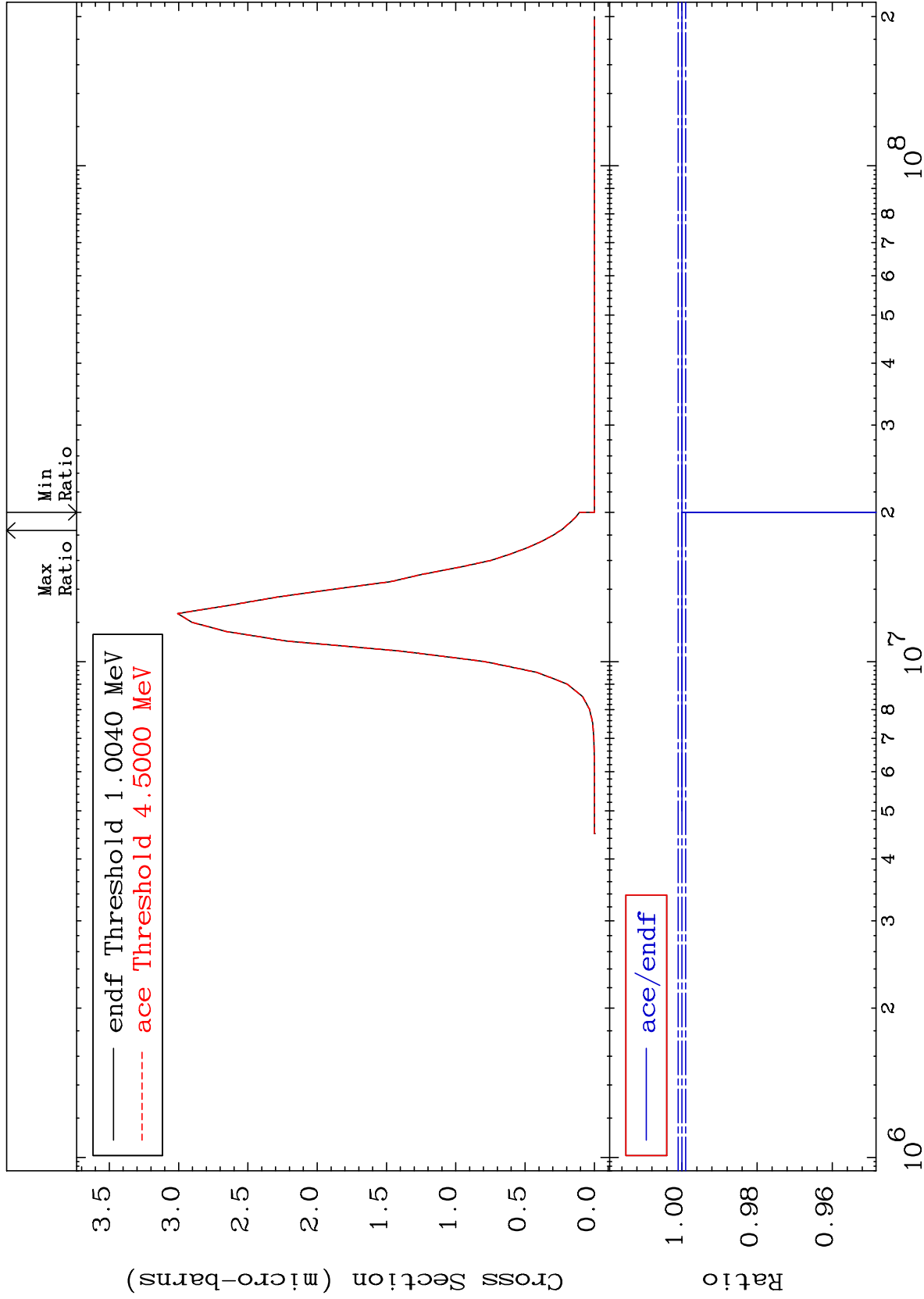
39-Y -89  
-100.0 To 0.000 %



MAT 3925

1.684 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



109

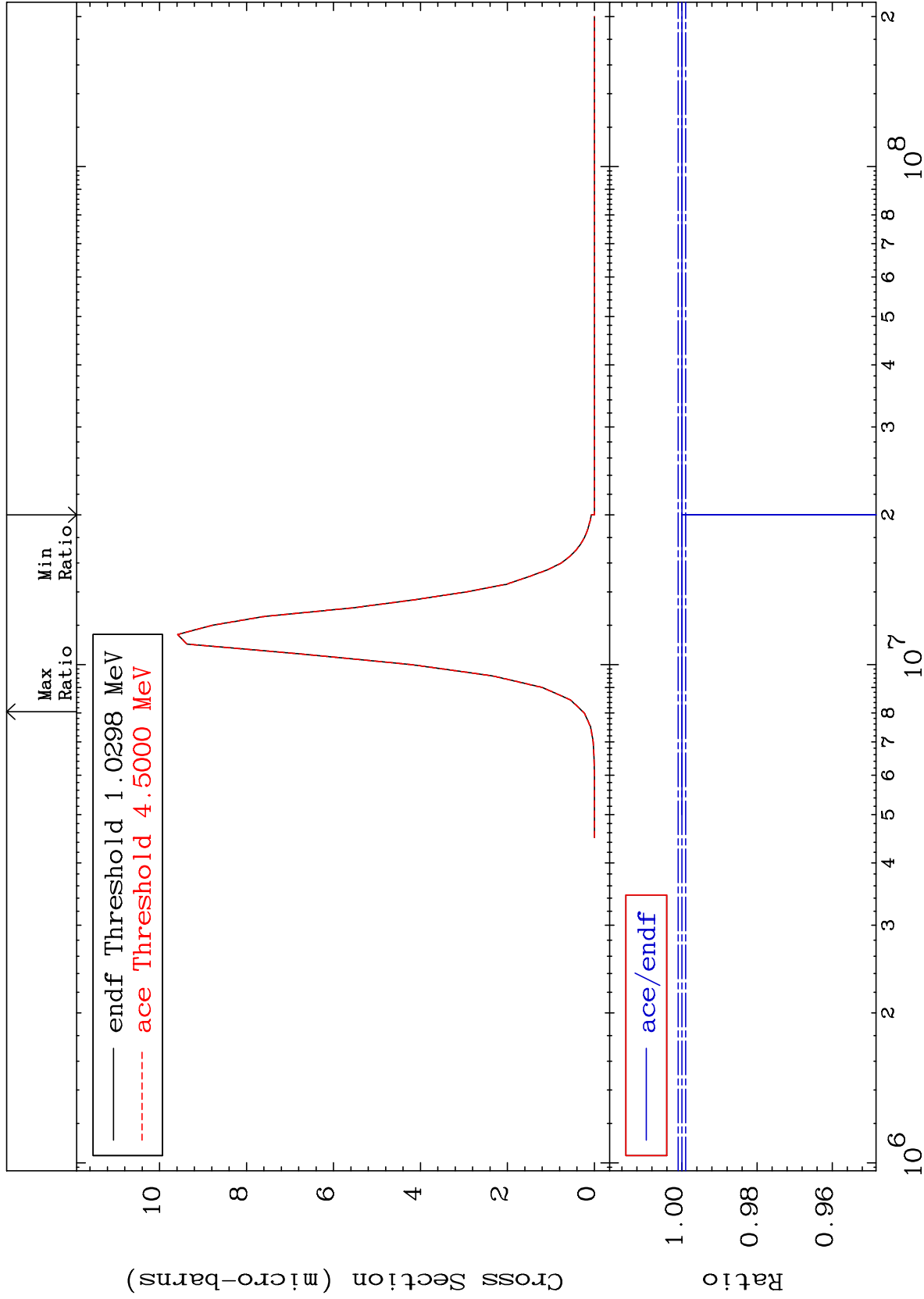
Incident Energy (eV)

39-Y -89

MAT 3925

1.709 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



110

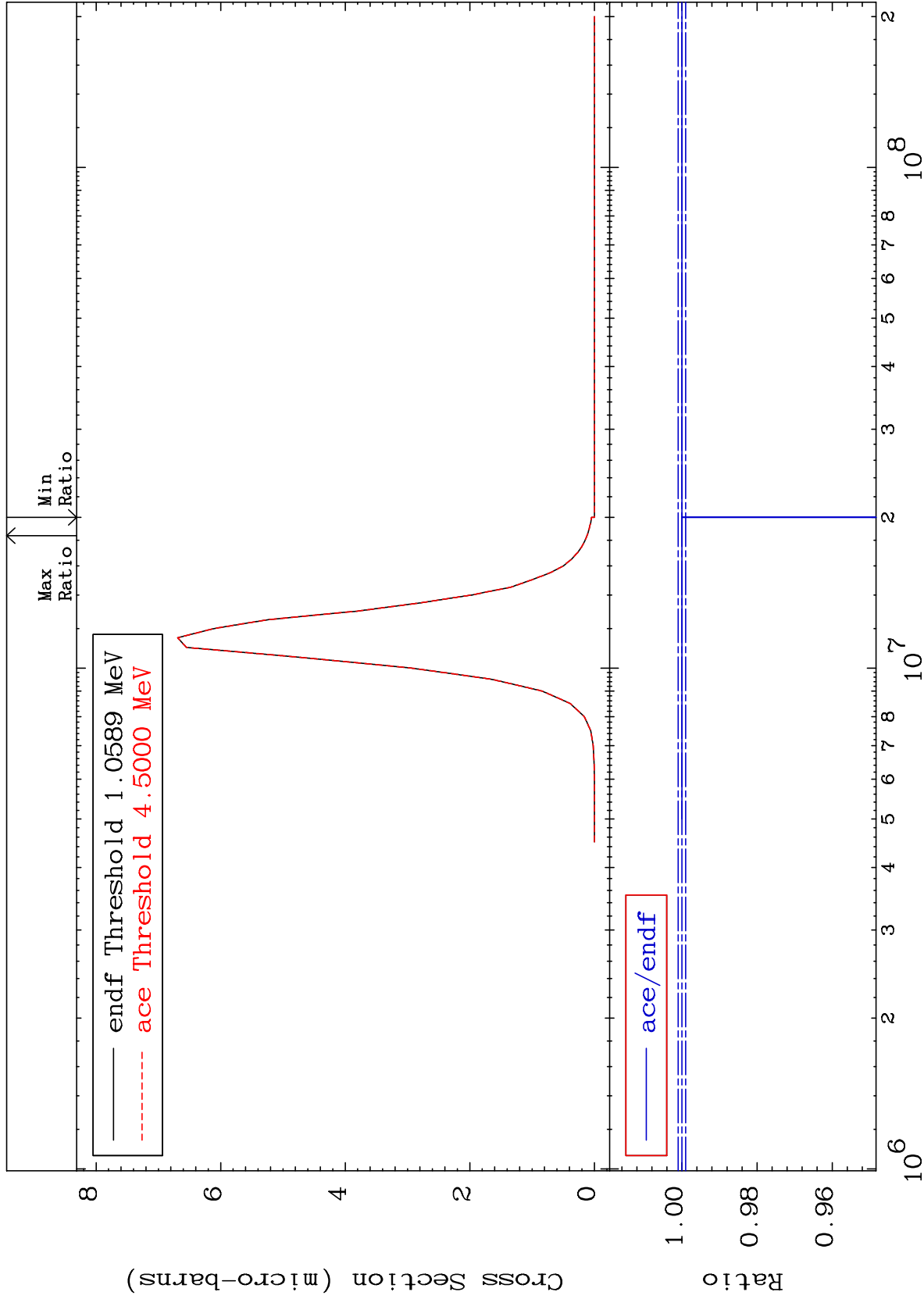
Incident Energy (eV)

39-Y -89

MAT 3925

1.738 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



111

Incident Energy (eV)

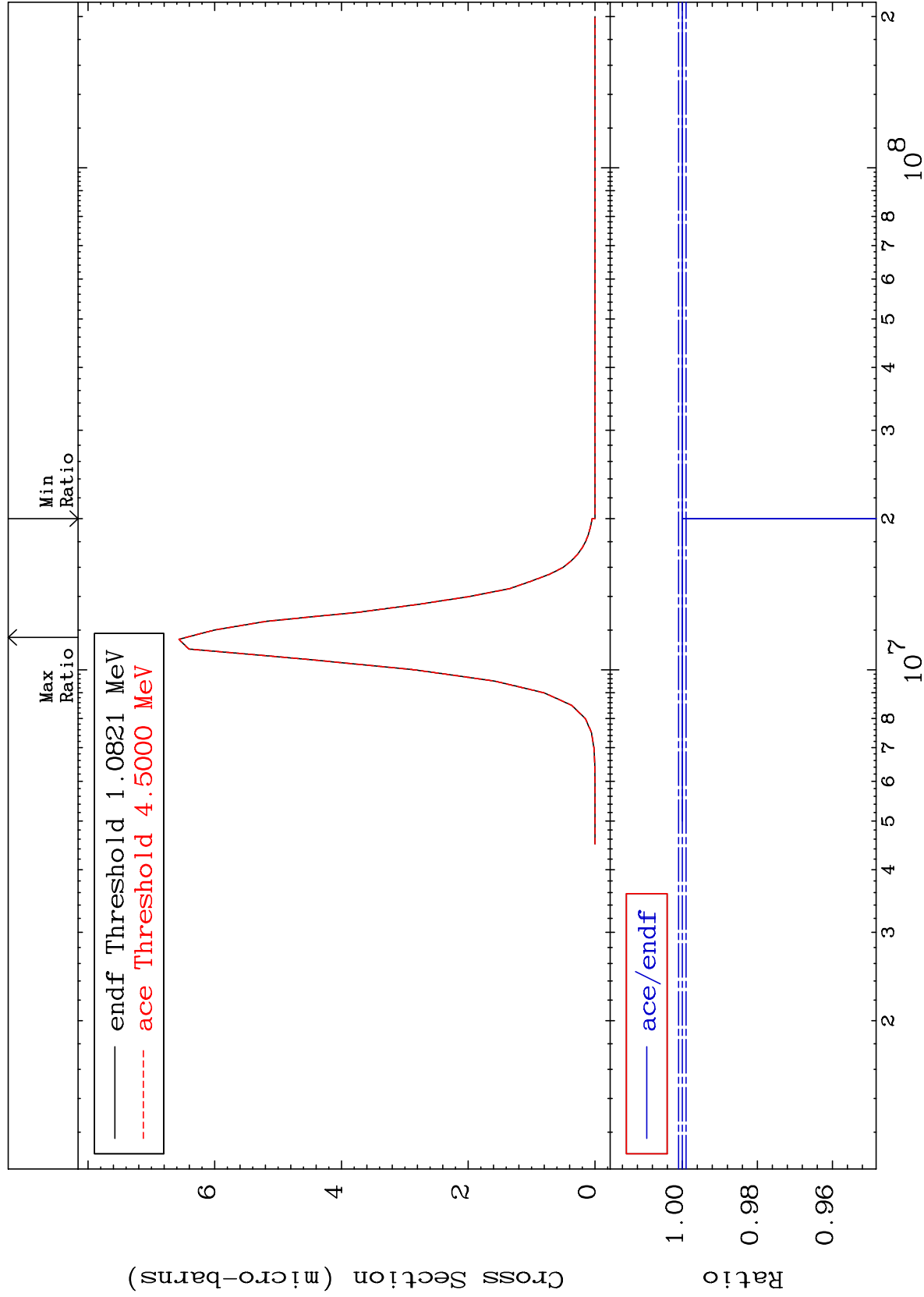
39-Y -89



MAT 3925

1.761 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



112

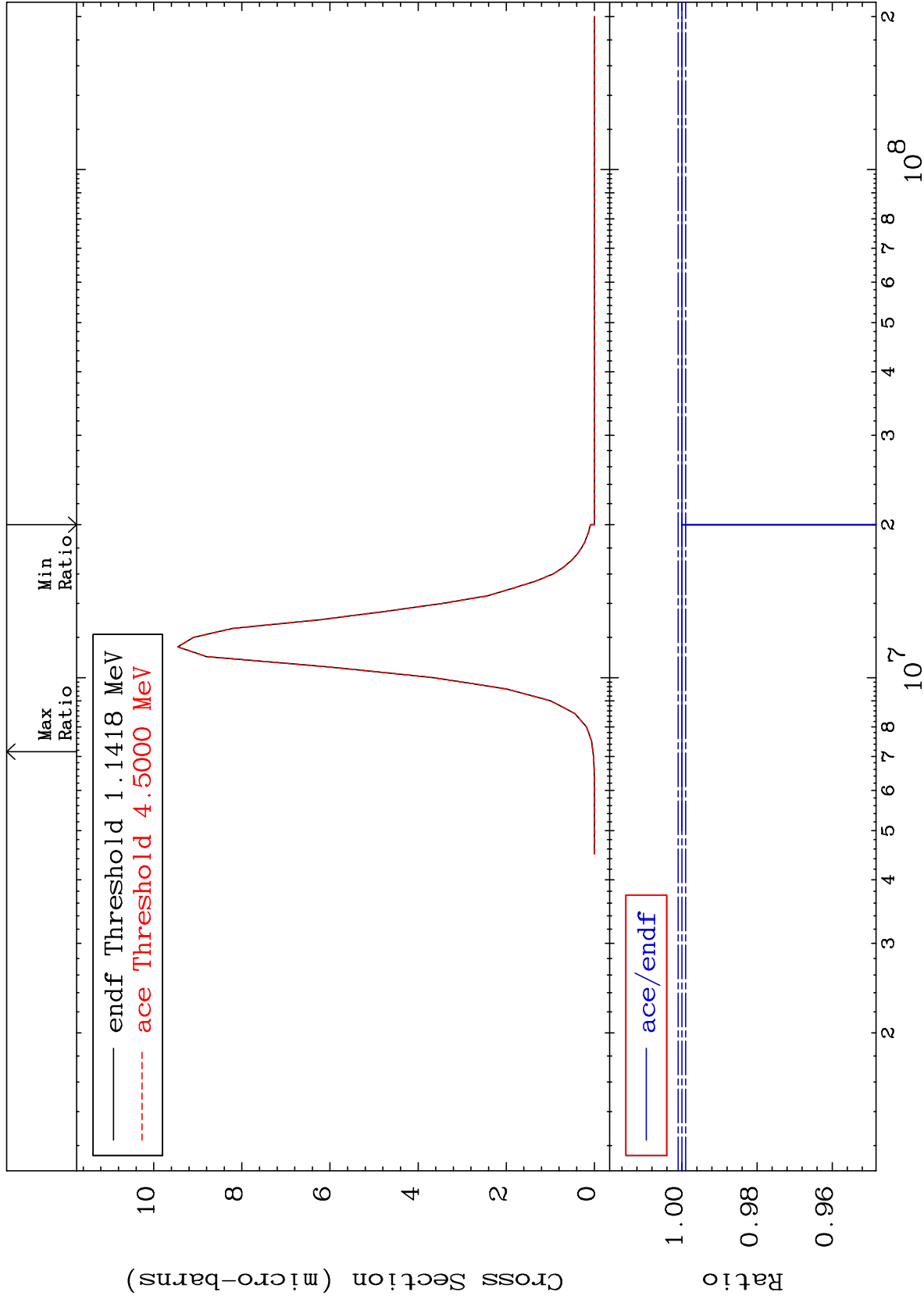
Incident Energy (eV)

39-Y -89

MAT 3925

1.820 MeV (n,α') Level  
Cross Section

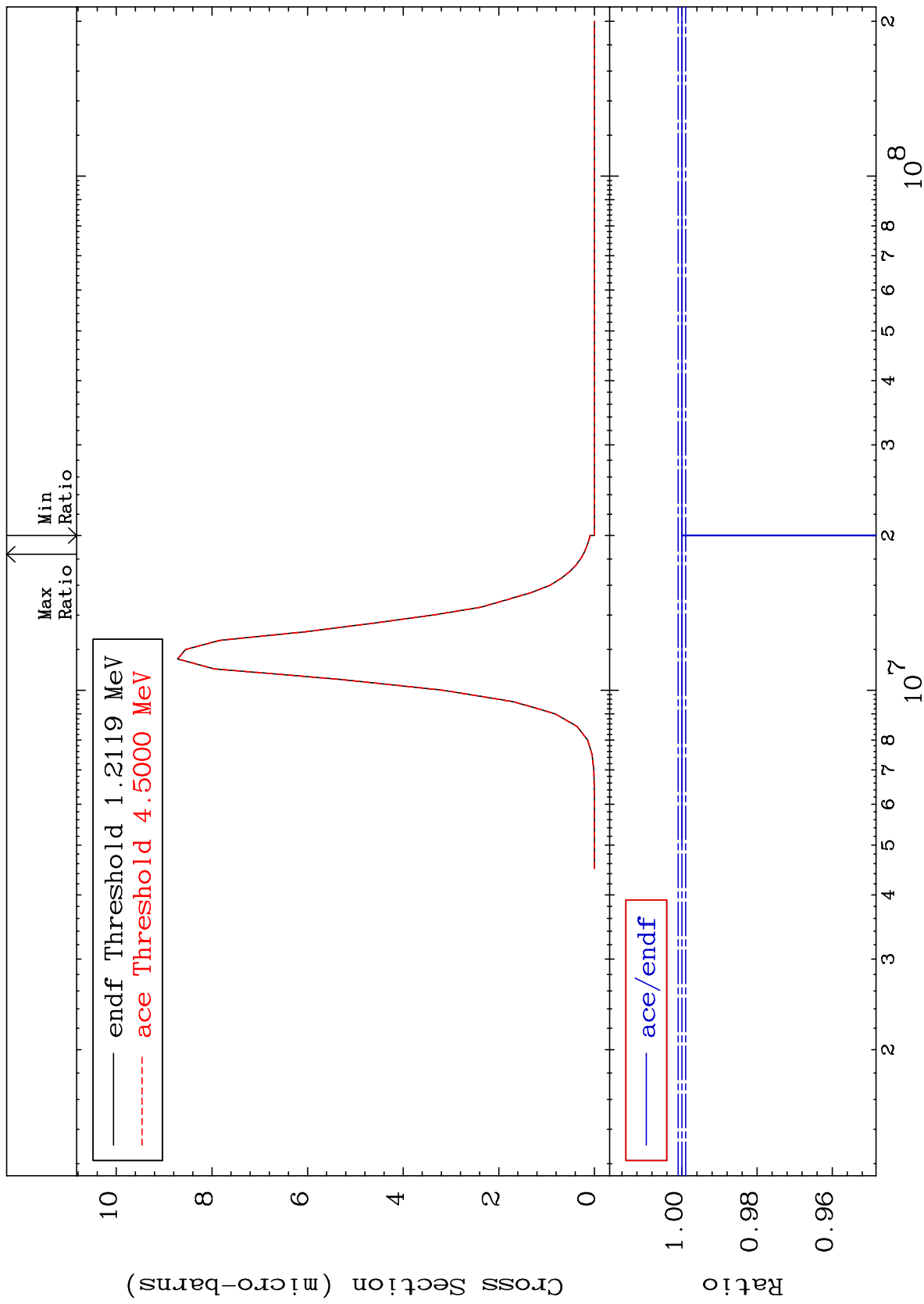
39-Y -89  
-100.0 To 0.000 %



MAT 3925

1.889 MeV (n,  $\alpha'$ ) Level  
Cross Section

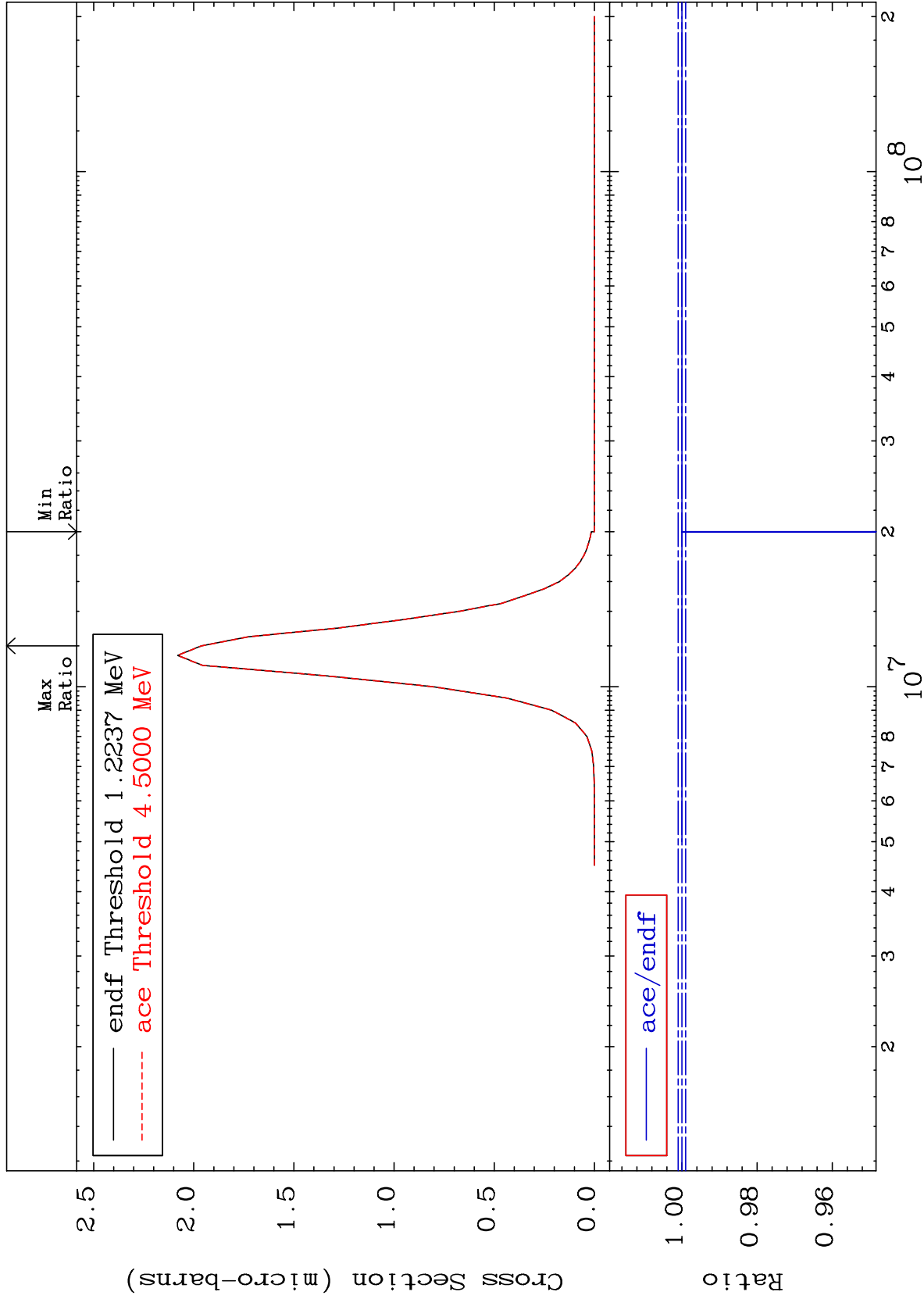
39-Y -89  
-100.0 To 0.000 %



MAT 3925

1.901 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



115

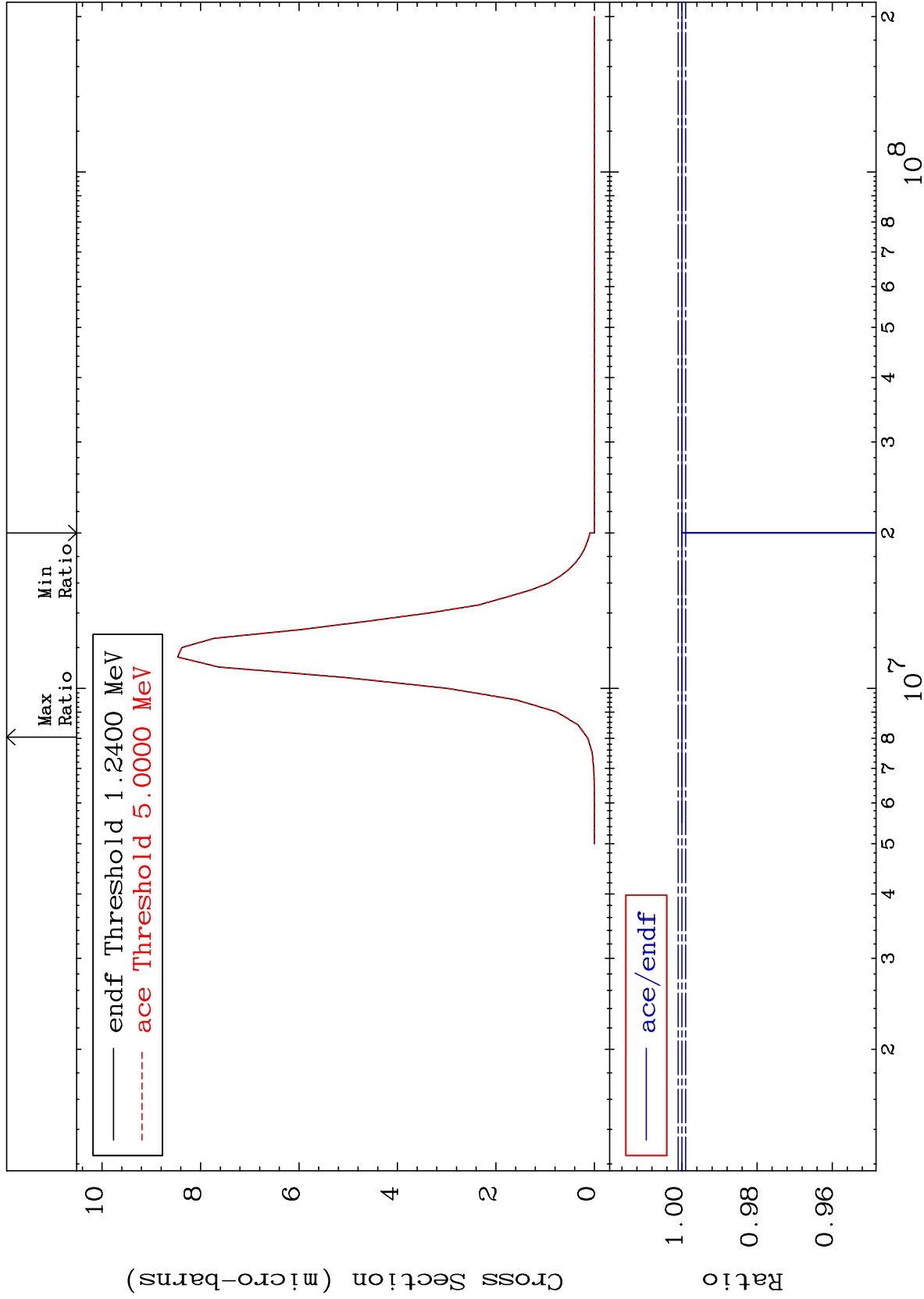
Incident Energy (eV)

39-Y -89

MAT 3925

1.917 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



116

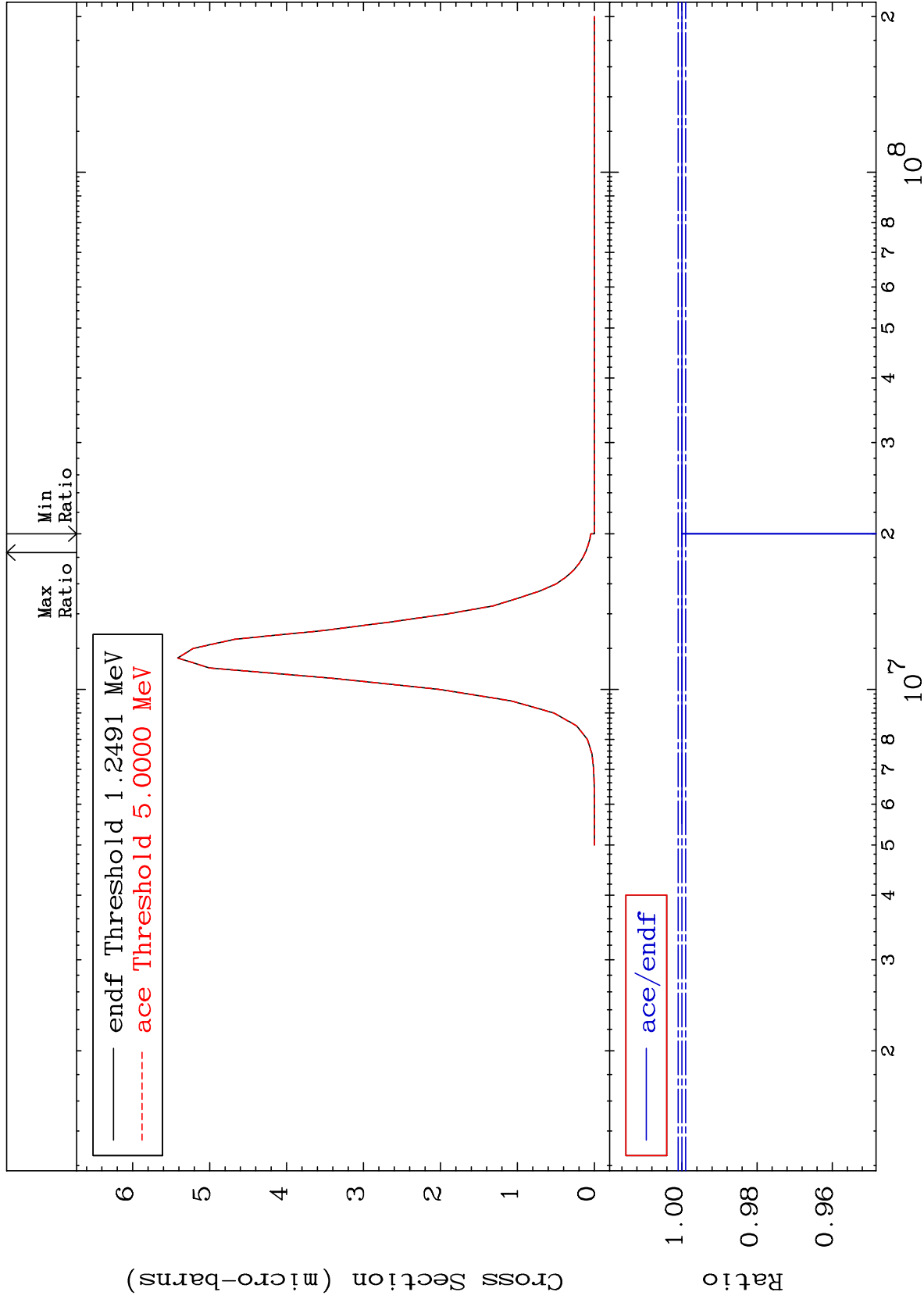
Incident Energy (eV)

39-Y -89

MAT 3925

1.926 MeV (n,α') Level  
Cross Section

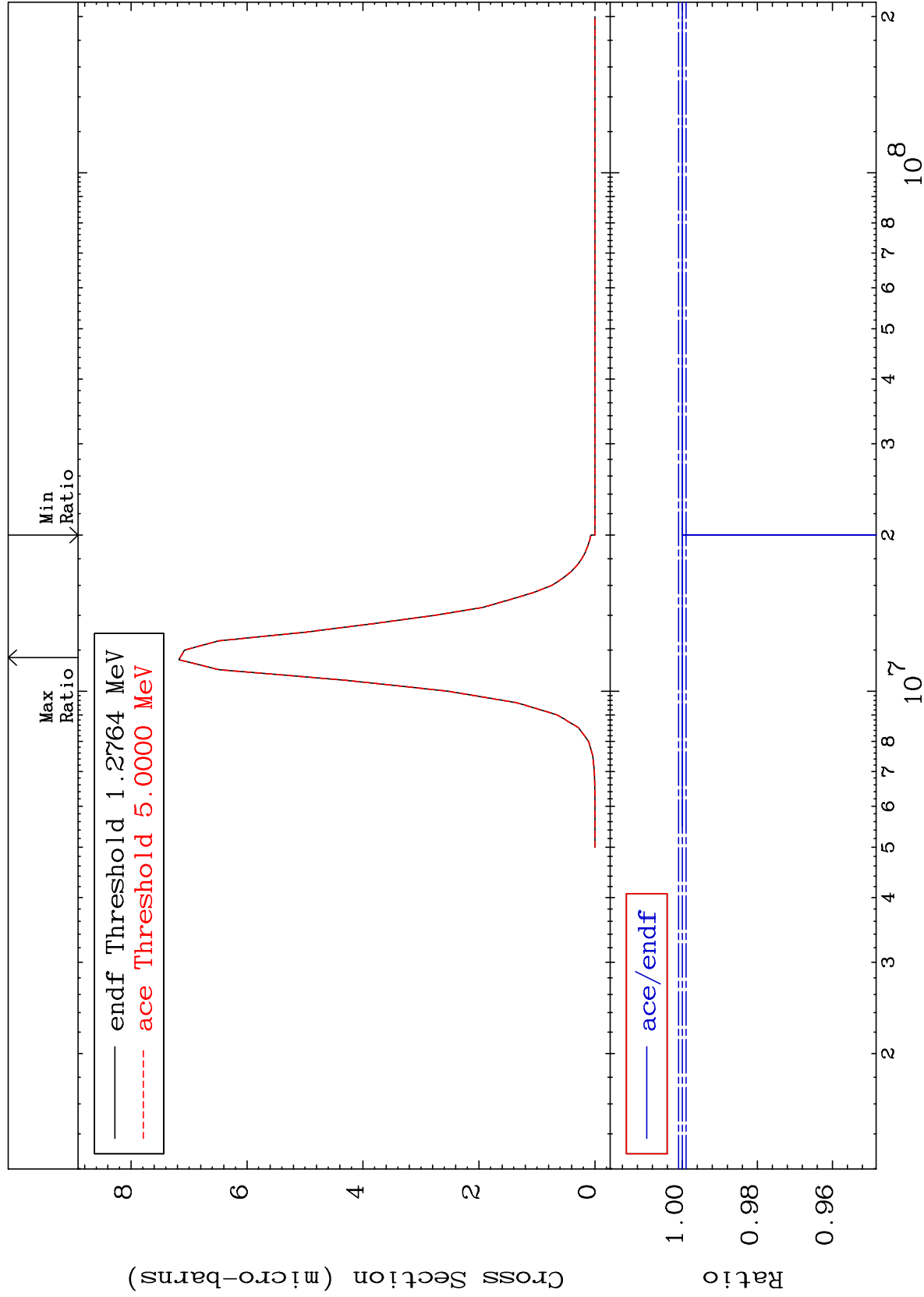
39-Y -89  
-100.0 To 0.000 %



MAT 3925

1.953 MeV (n,  $\alpha'$ ) Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



118

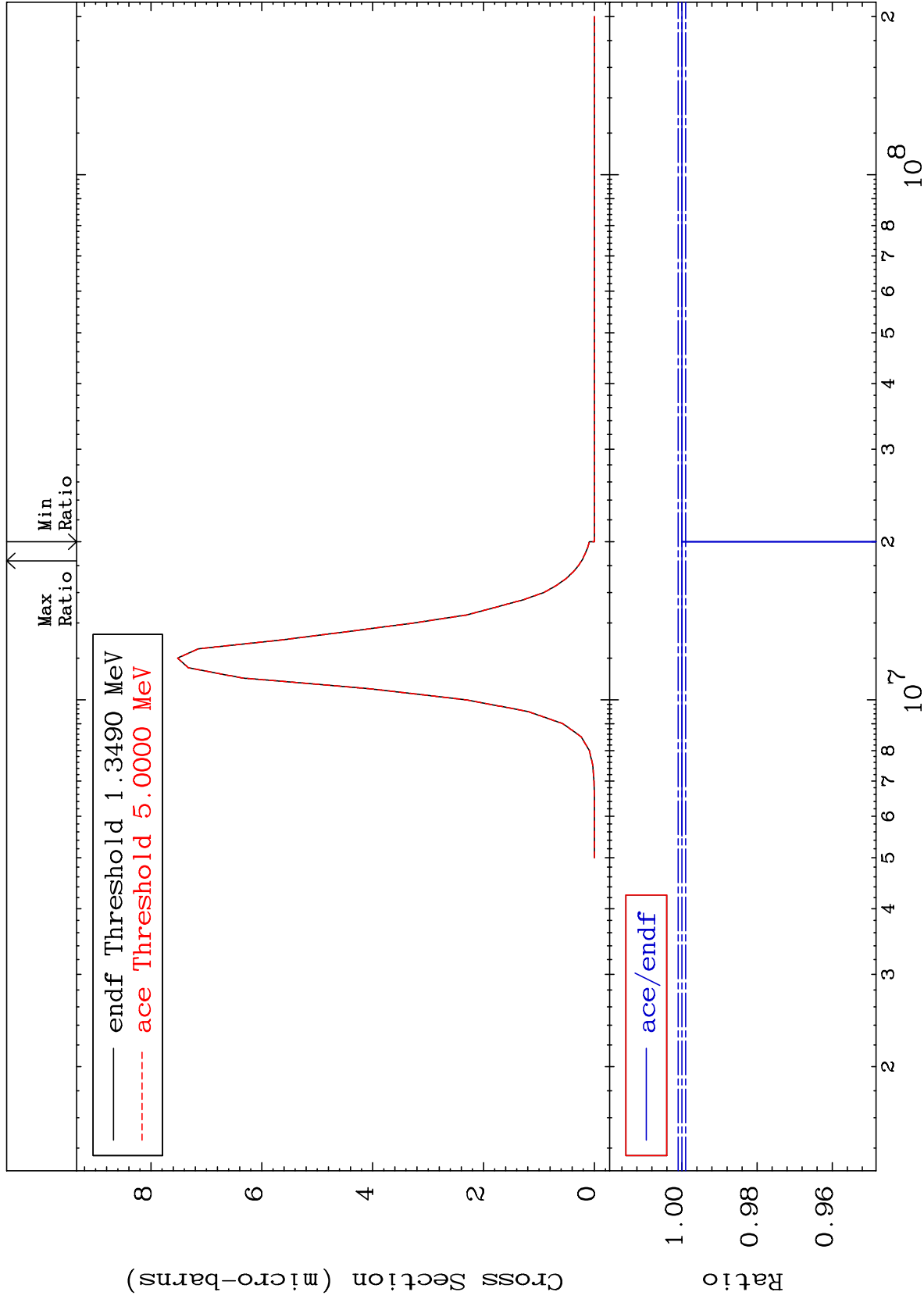
Incident Energy (eV)

39-Y -89

MAT 3925

2.025 MeV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



119

Incident Energy (eV)

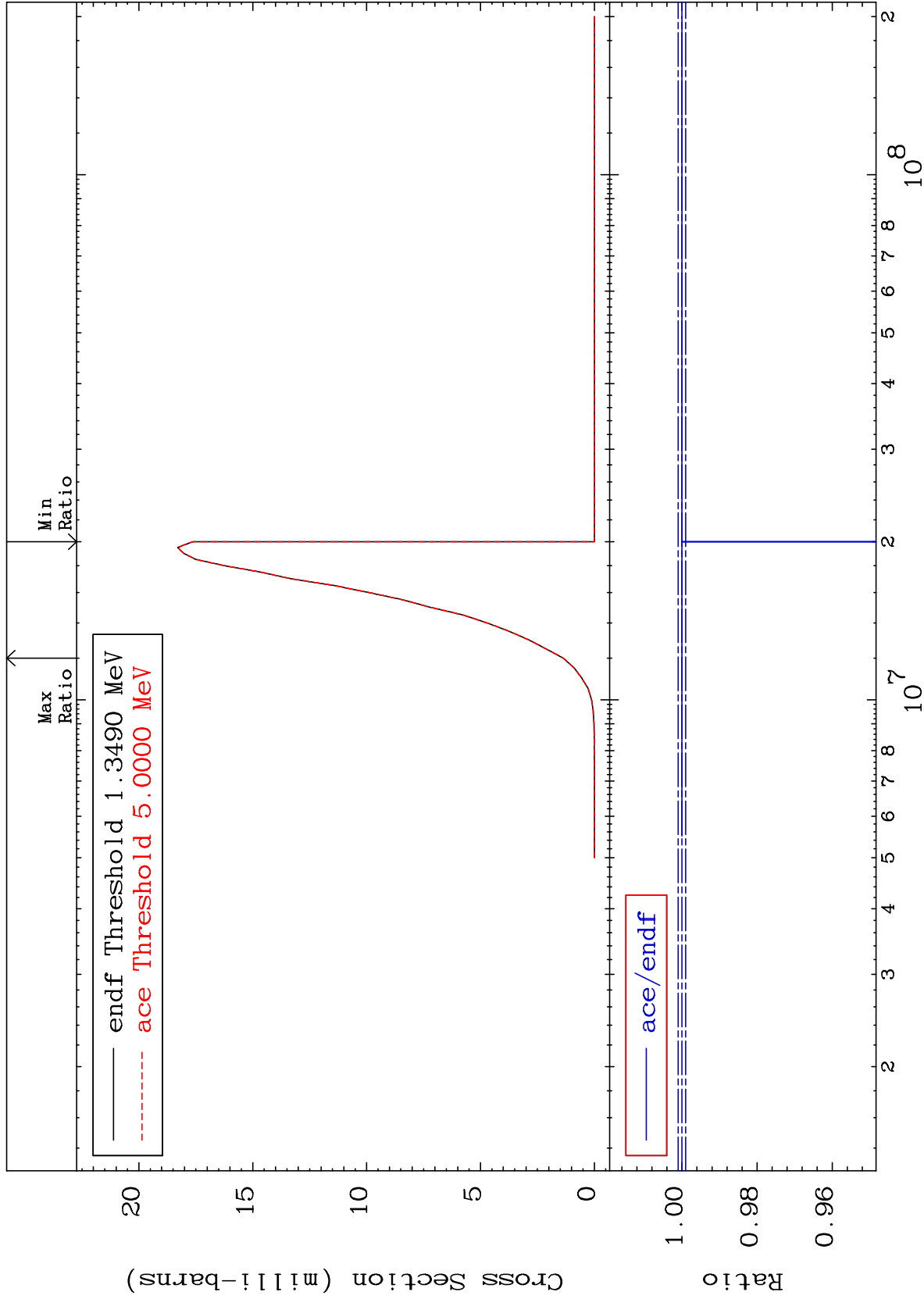
39-Y -89



MAT 3925

2.025 MeV (n,α') Level  
Cross Section

39-Y -89  
-100.0 To 0.000 %



120

Incident Energy (eV)

39-Y -89