

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)

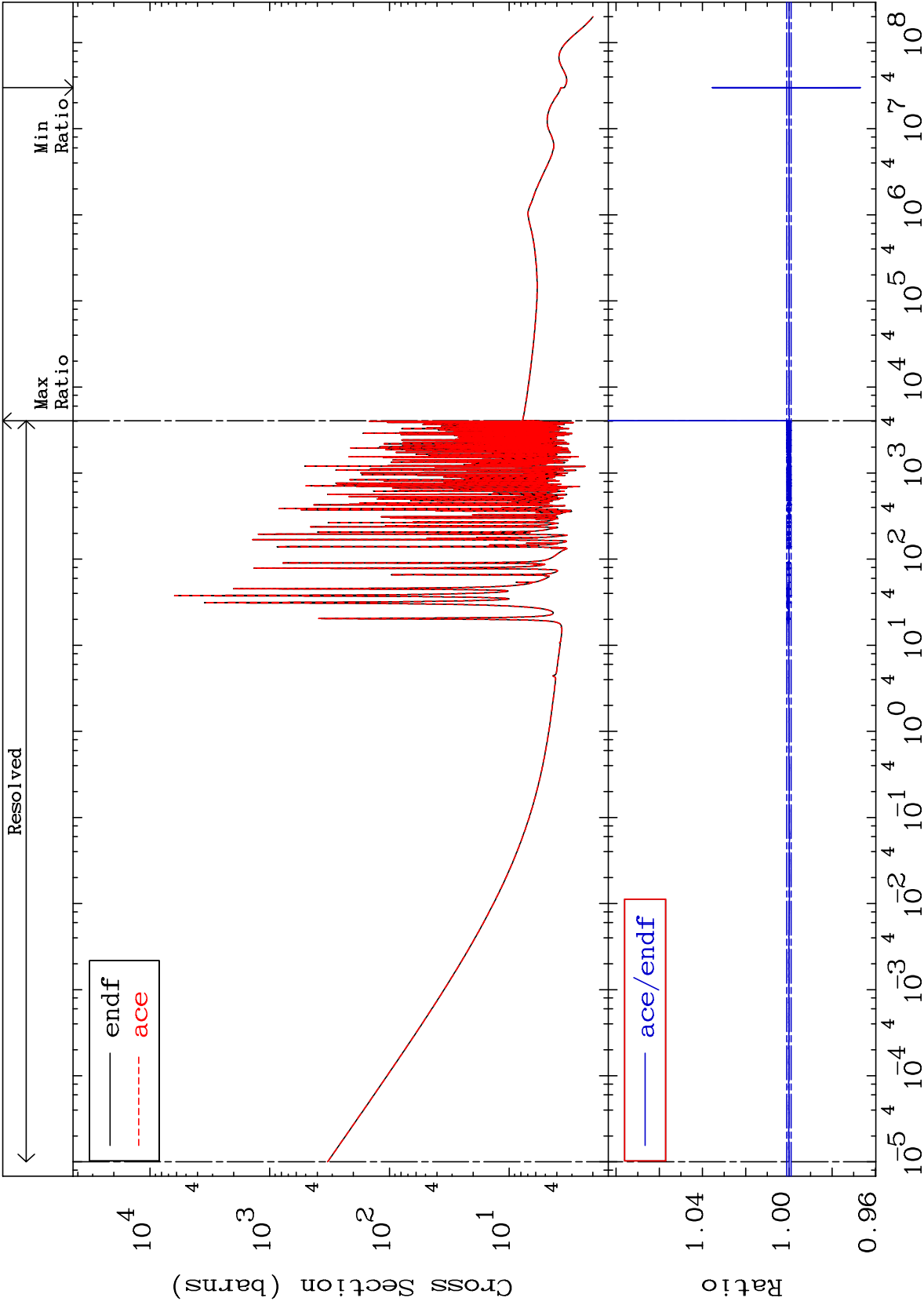
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 5325

Total  
Cross Section

53-I -127  
-3.315 To 15.74 %



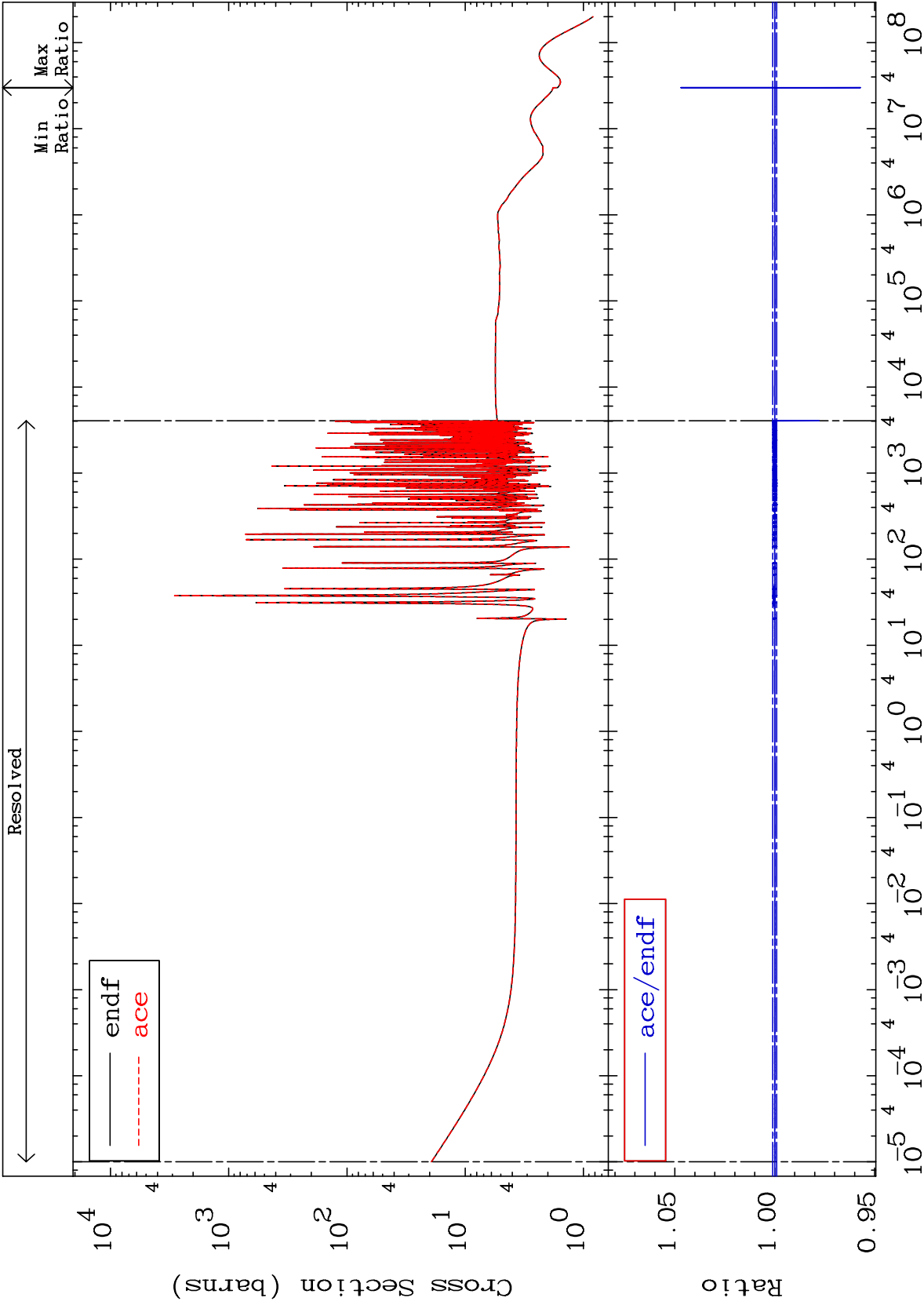
Incident Energy (eV)

53-I -127

MAT 5325

Elastic  
Cross Section

53-I -127  
-4.295 To 4.698 %



2

Incident Energy (eV)

53-I -127

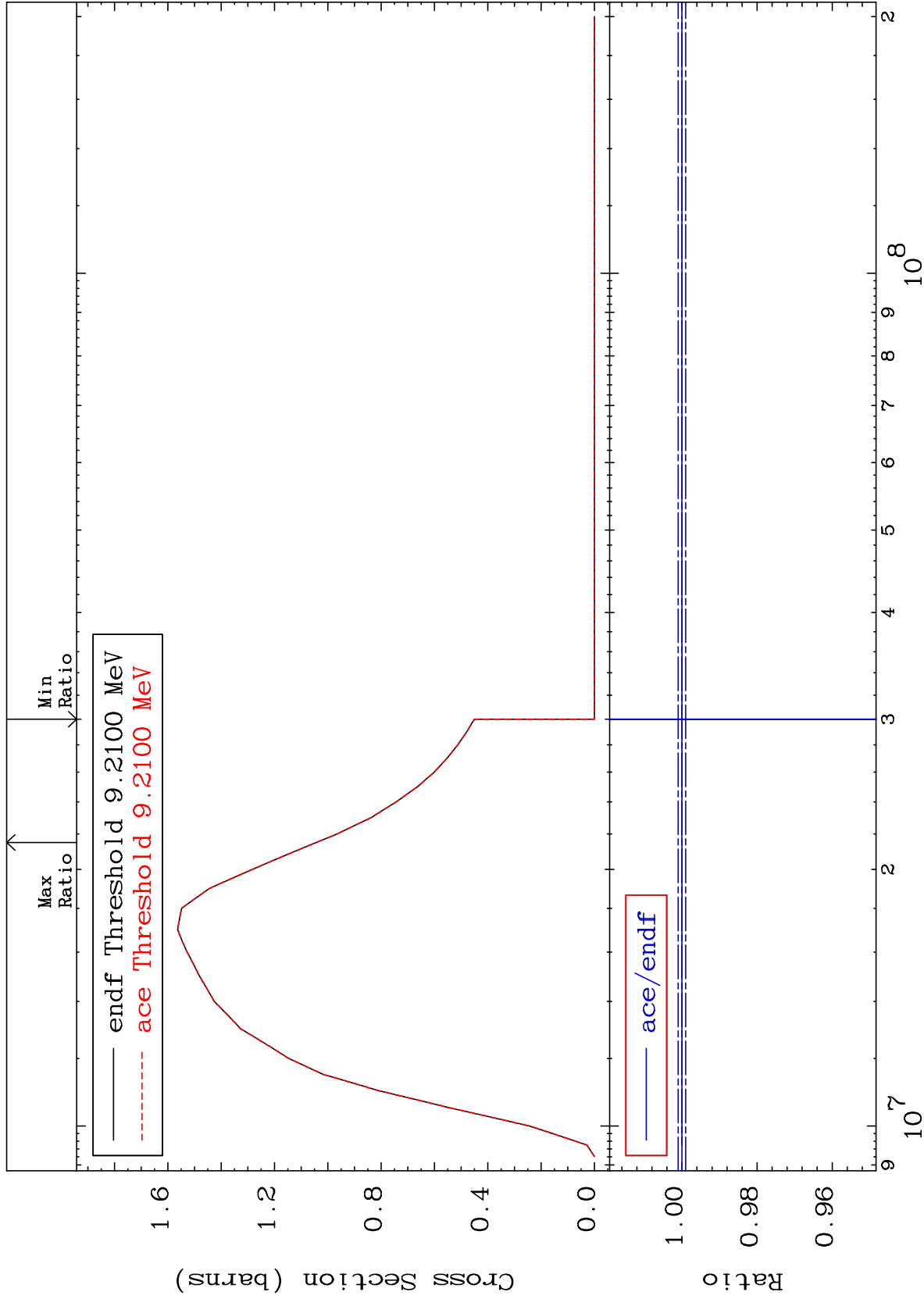
MAT 5325

(n,2n)

53-I -127

Cross Section

-50.00 To 0.000 %



3

Incident Energy (eV)

53-I -127

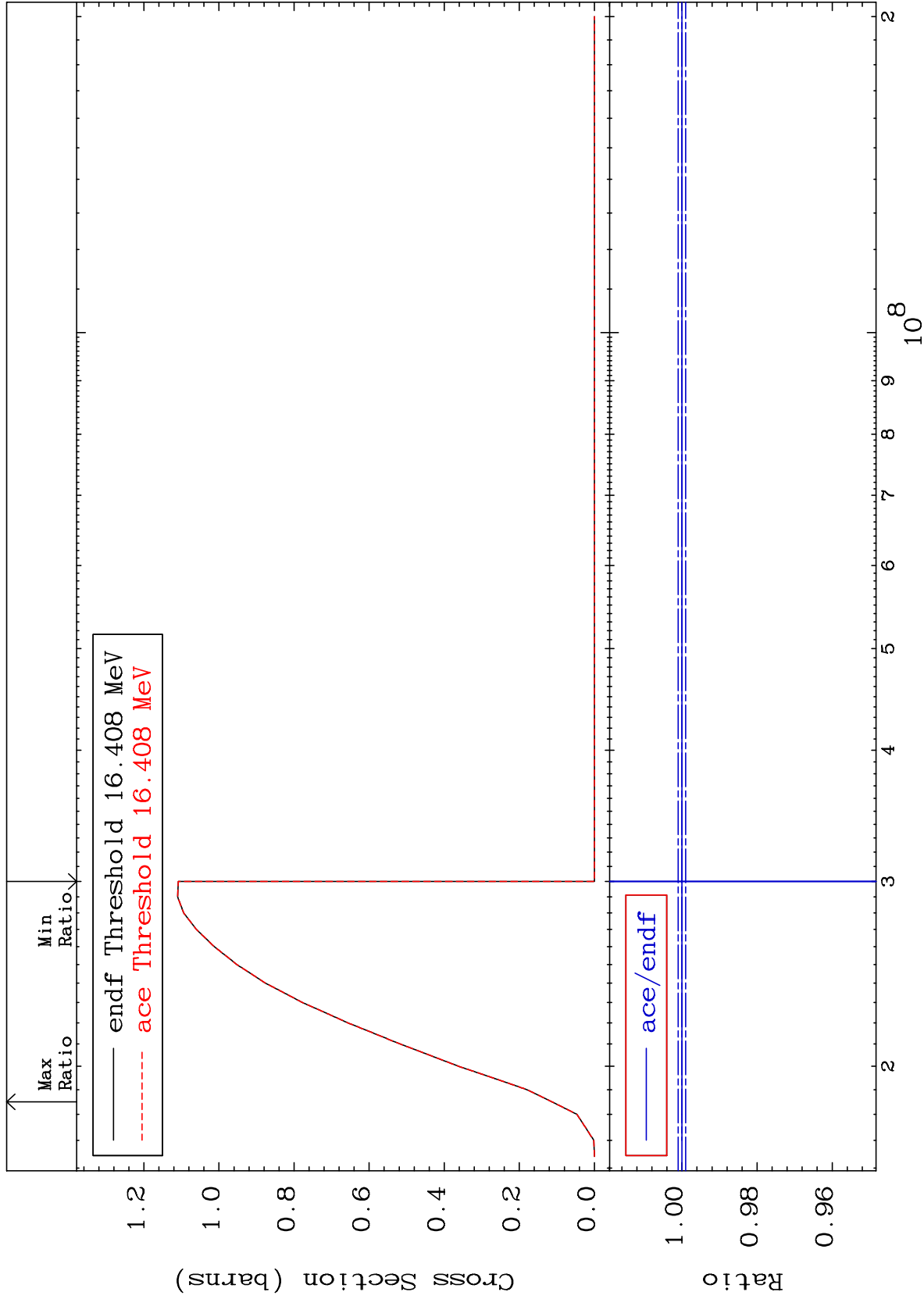
MAT 5325

(n, 3n)

53-I -127

Cross Section

-50.00 To 0.000 %



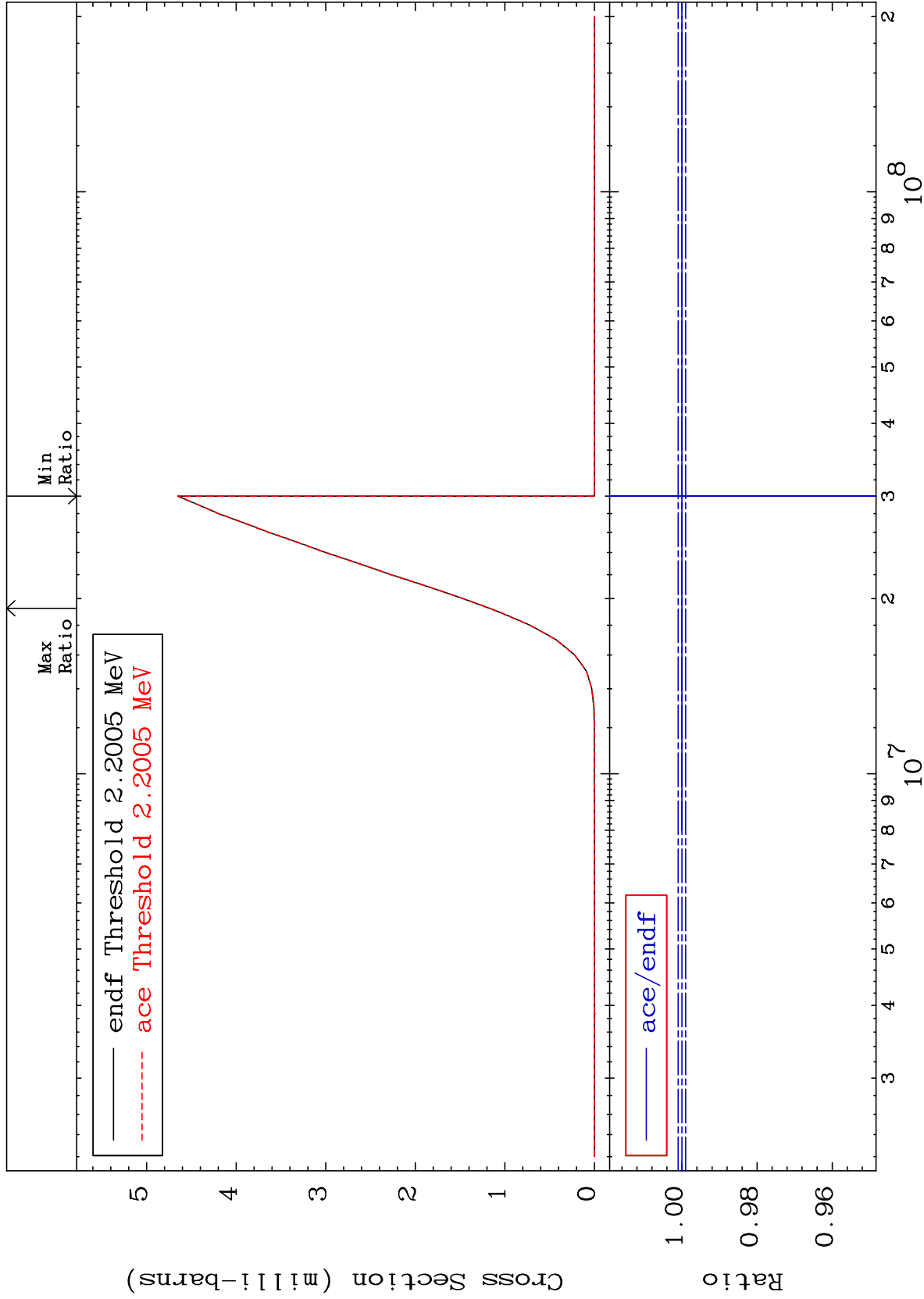
MAT 5325

(n, n')  $\alpha$

53-I -127

-50.00 To 0.000 %

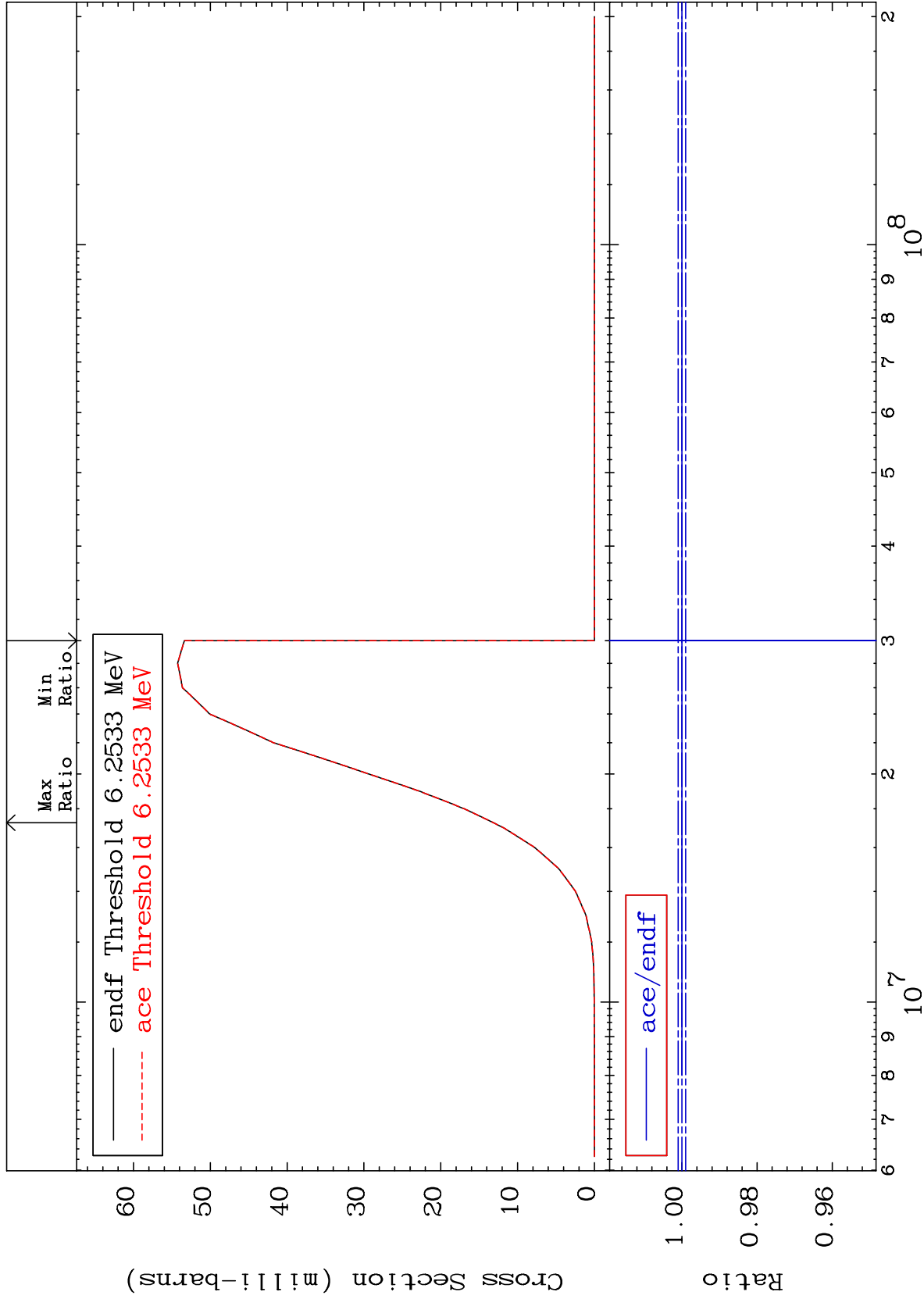
Cross Section



MAT 5325

(n, n') p  
Cross Section

53-I -127  
-50.00 To 0.000 %



6

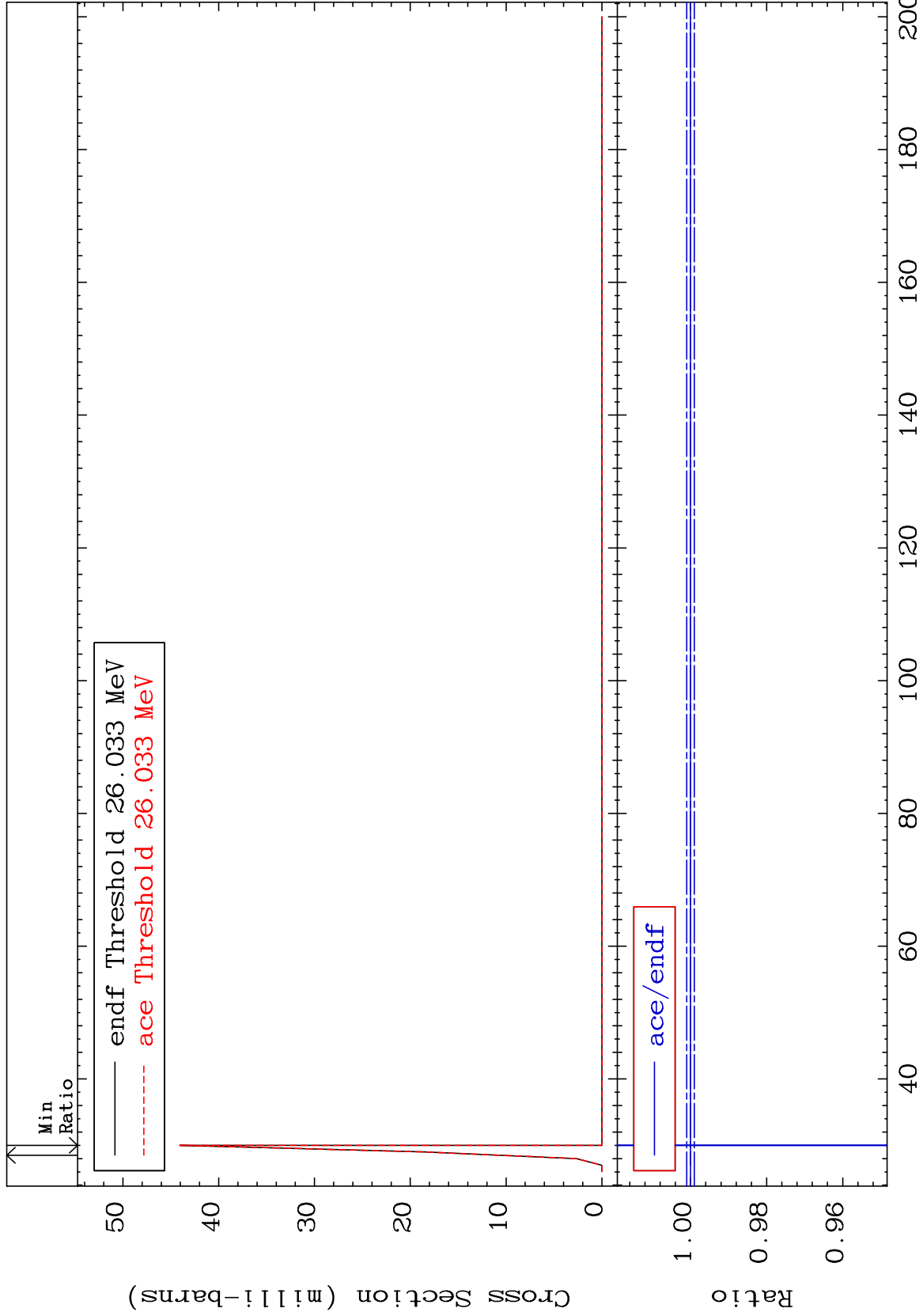
Incident Energy (eV)

53-I -127

MAT 5325

(n, 4n)  
Cross Section

53-I -127  
-50.00 To 0.000 %

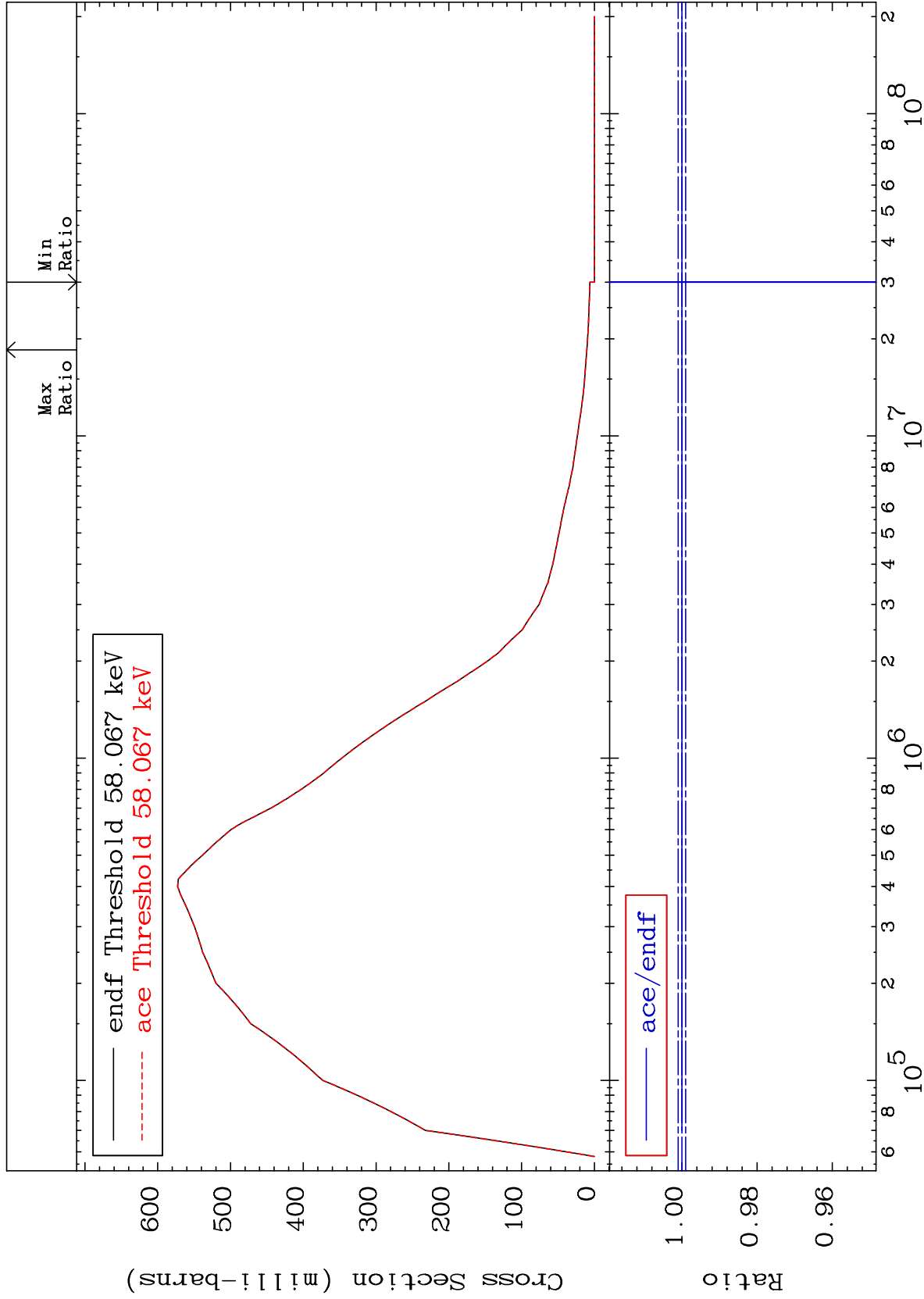




MAT 5325

57.61 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



8

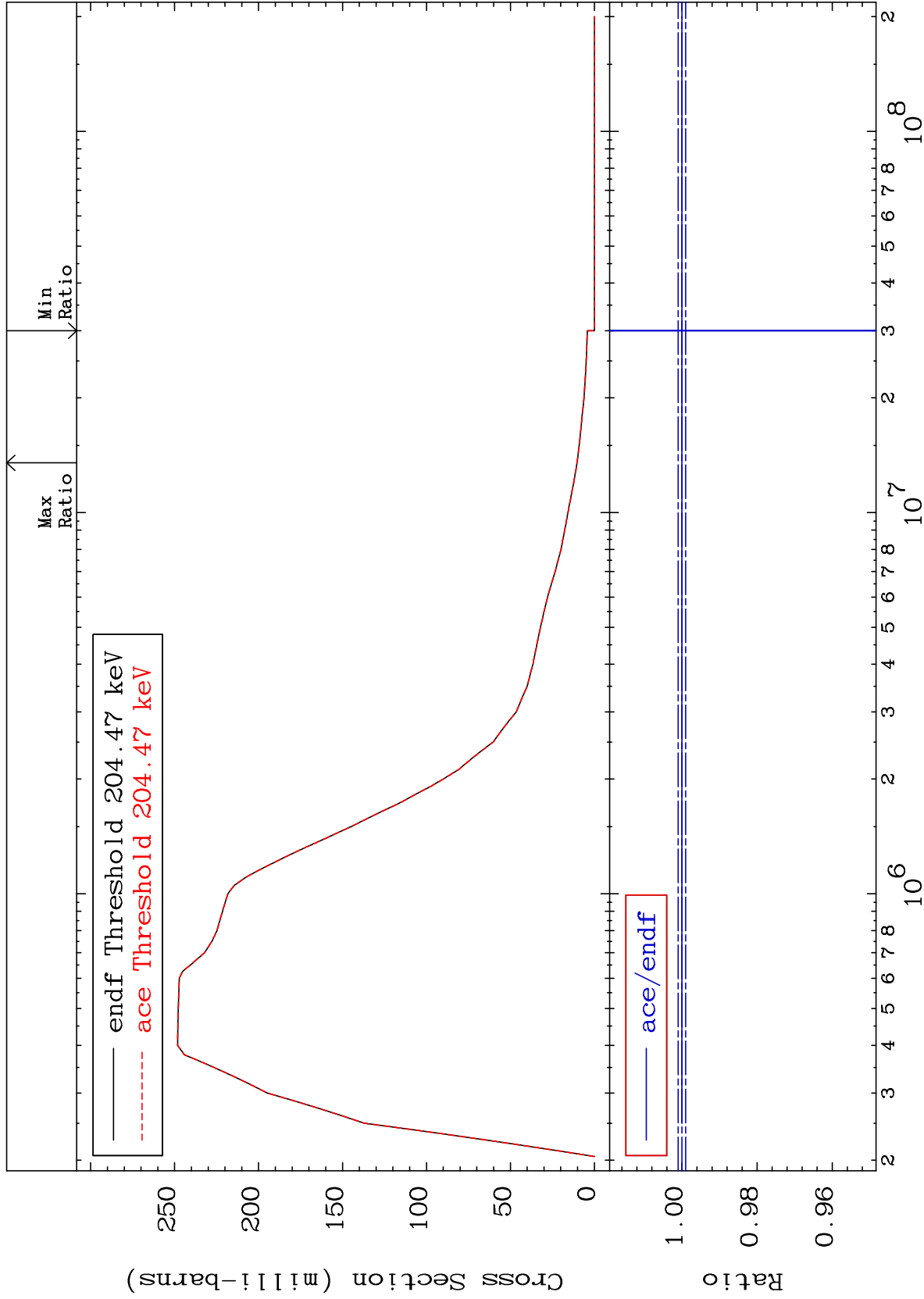
Incident Energy (eV)

53-I -127

MAT 5325

202.9 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



9

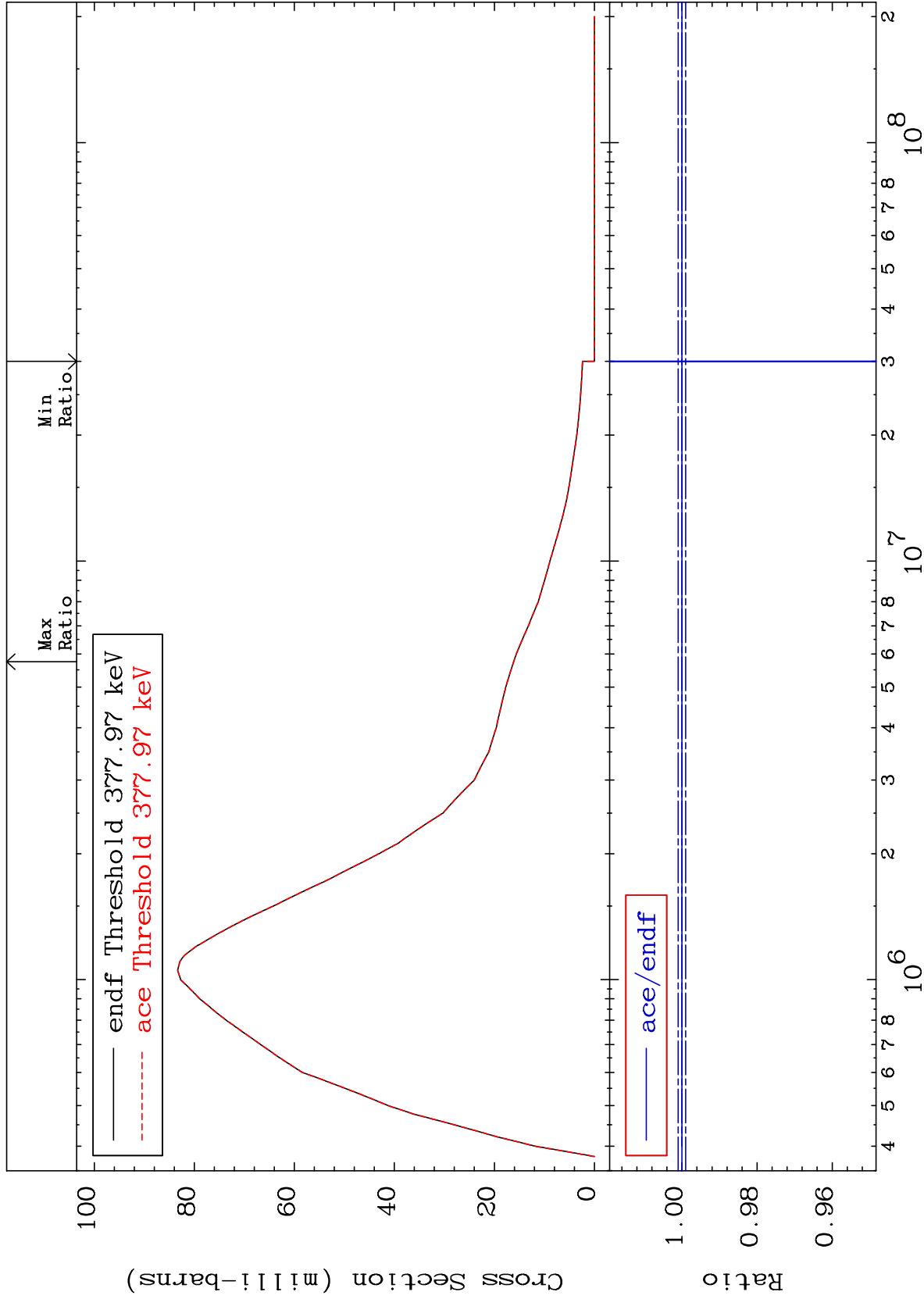
Incident Energy (eV)

53-I -127

MAT 5325

375.0 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



10

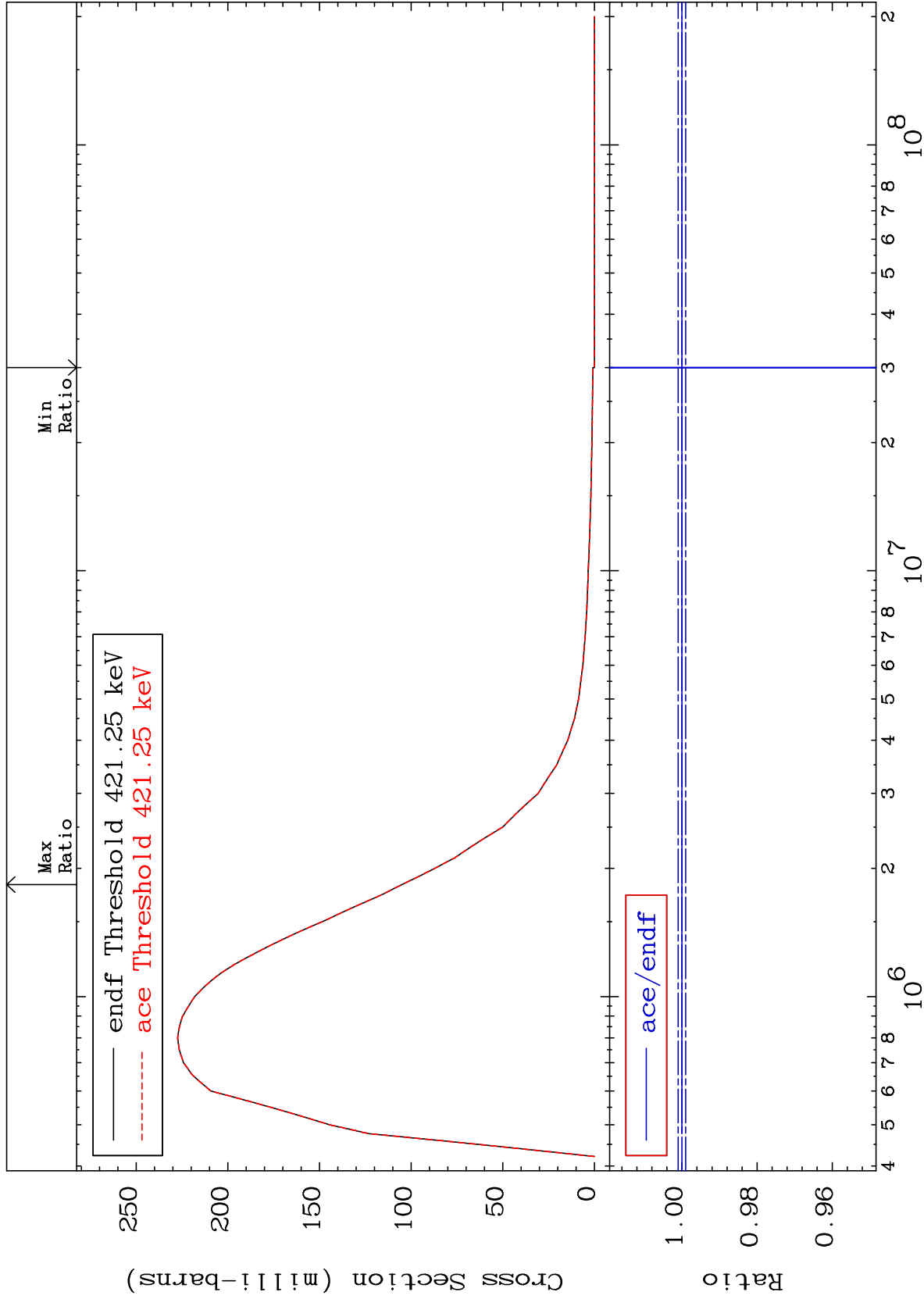
Incident Energy (eV)

53-I -127

MAT 5325

417.9 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



11

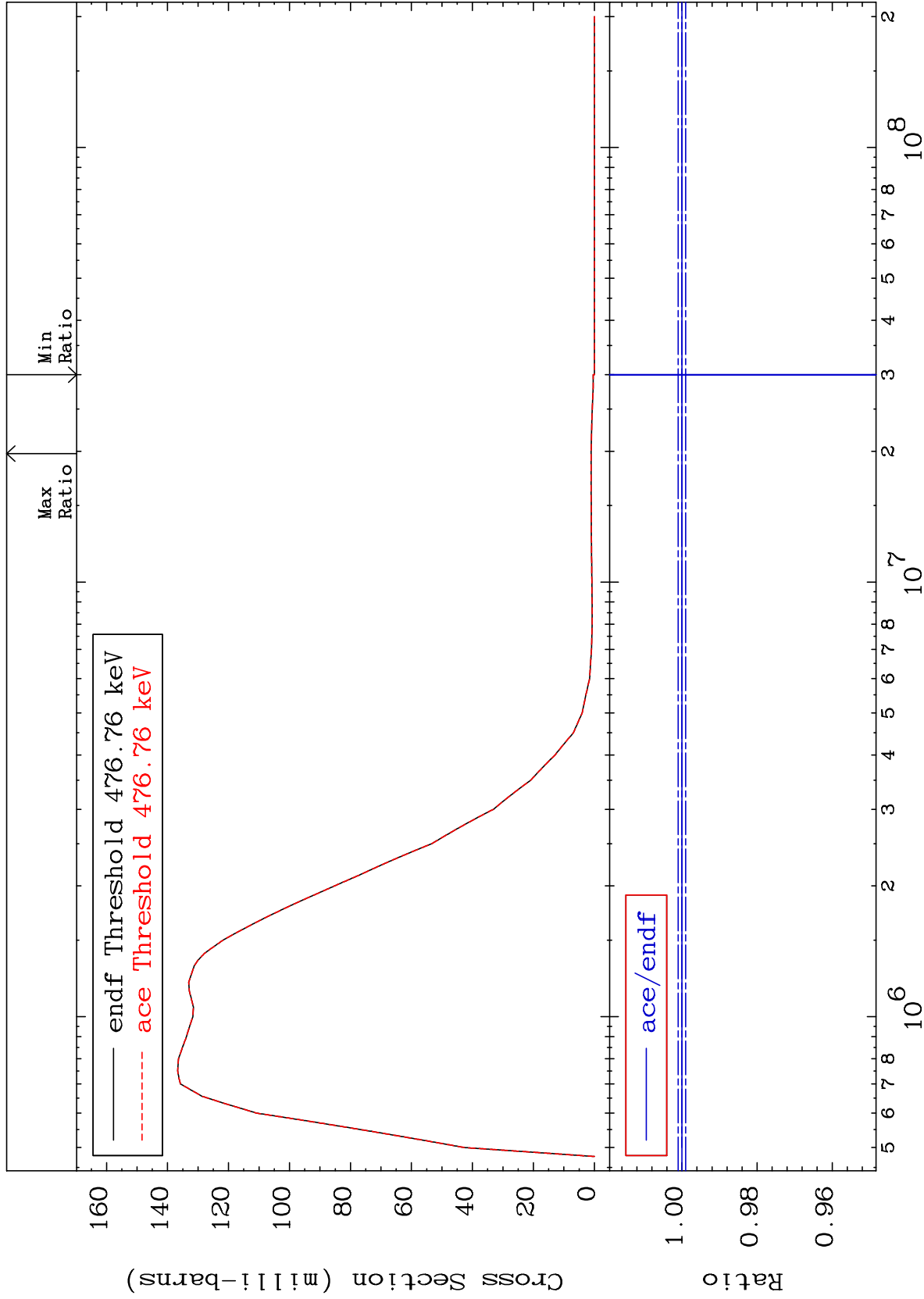
Incident Energy (eV)

53-I -127

MAT 5325

473.0 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



12

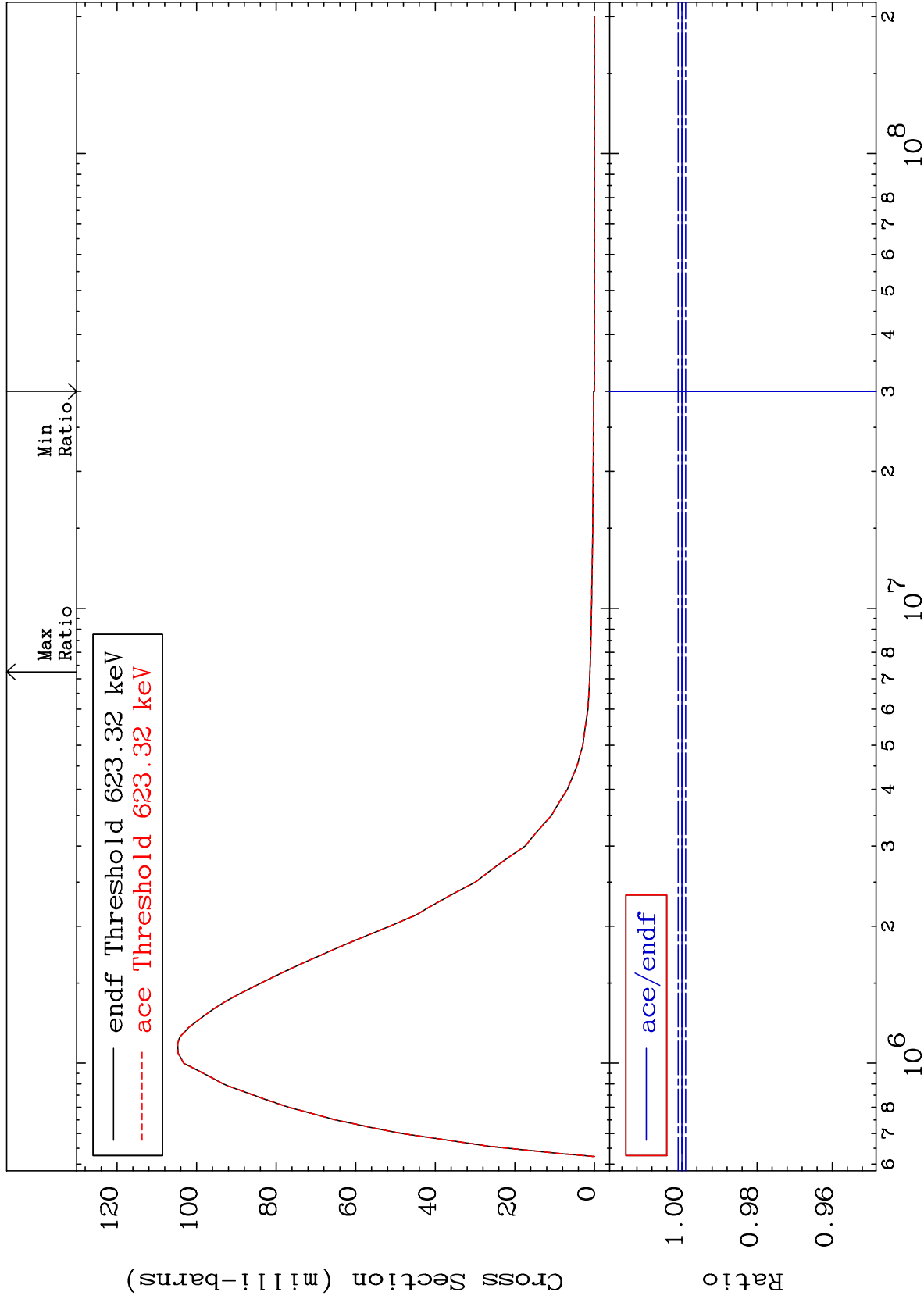
Incident Energy (eV)

53-I -127

MAT 5325

618.4 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



13

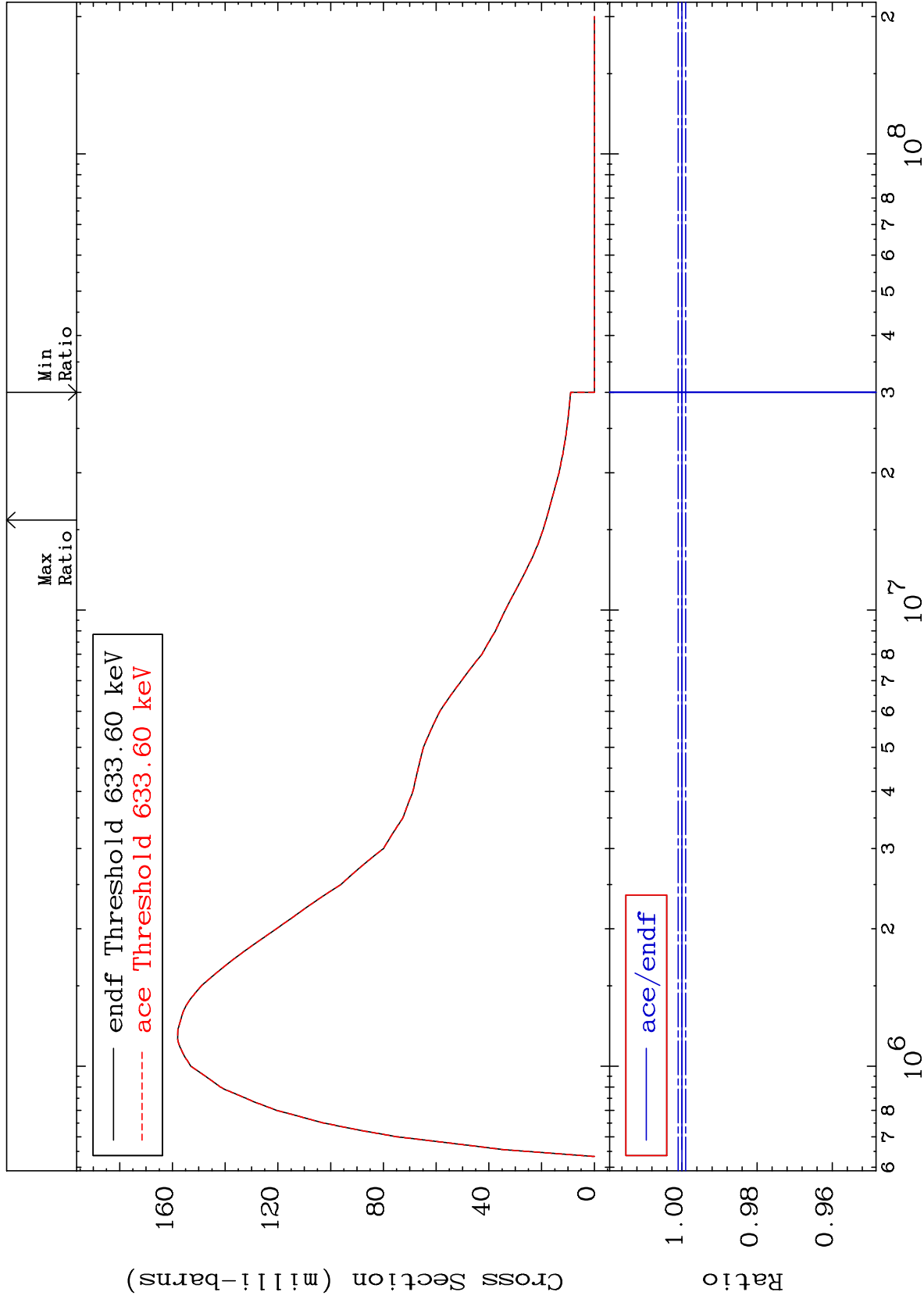
Incident Energy (eV)

53-I -127

MAT 5325

628.6 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



14

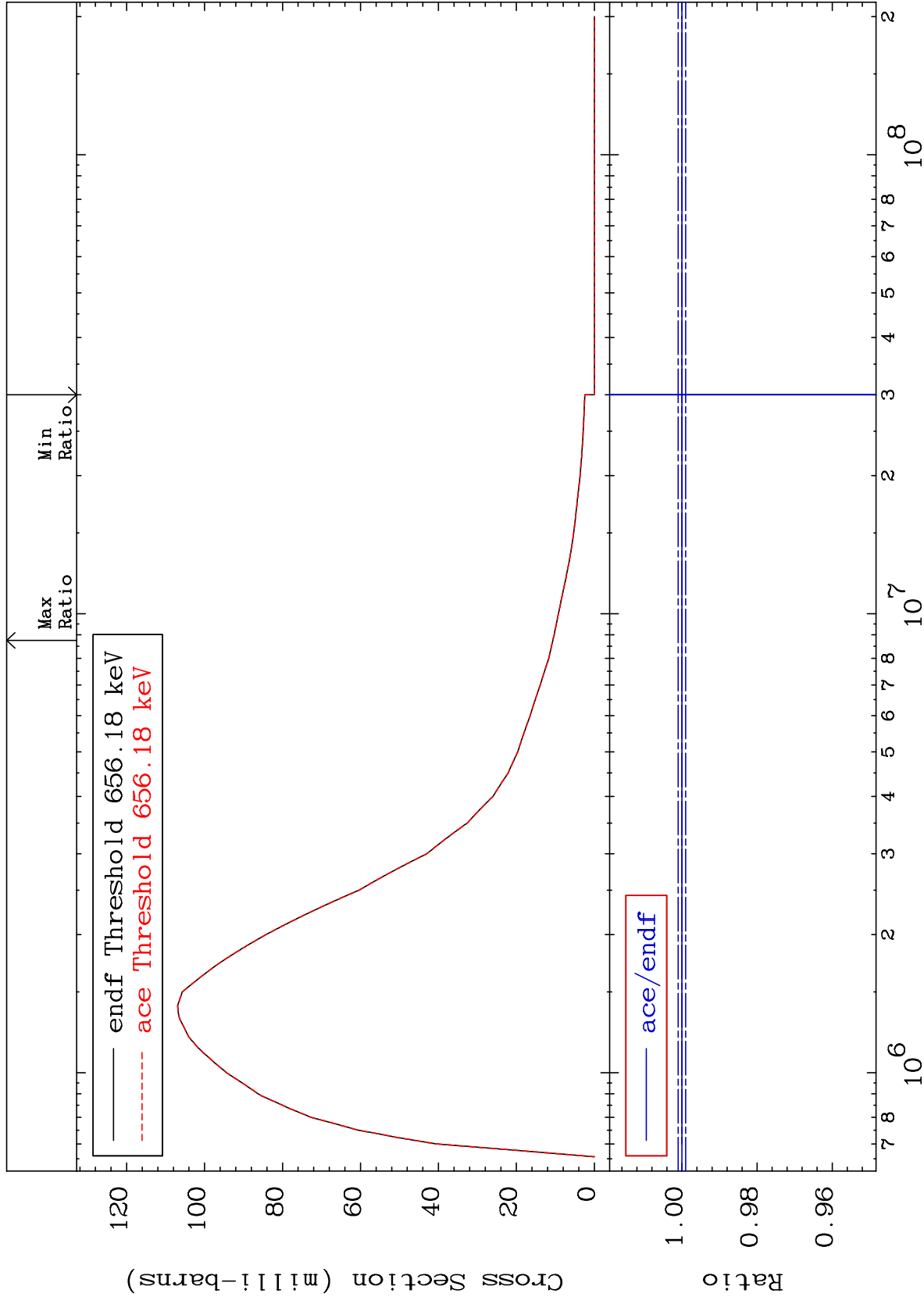
Incident Energy (eV)

53-I -127

MAT 5325

651.0 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



15

Incident Energy (eV)

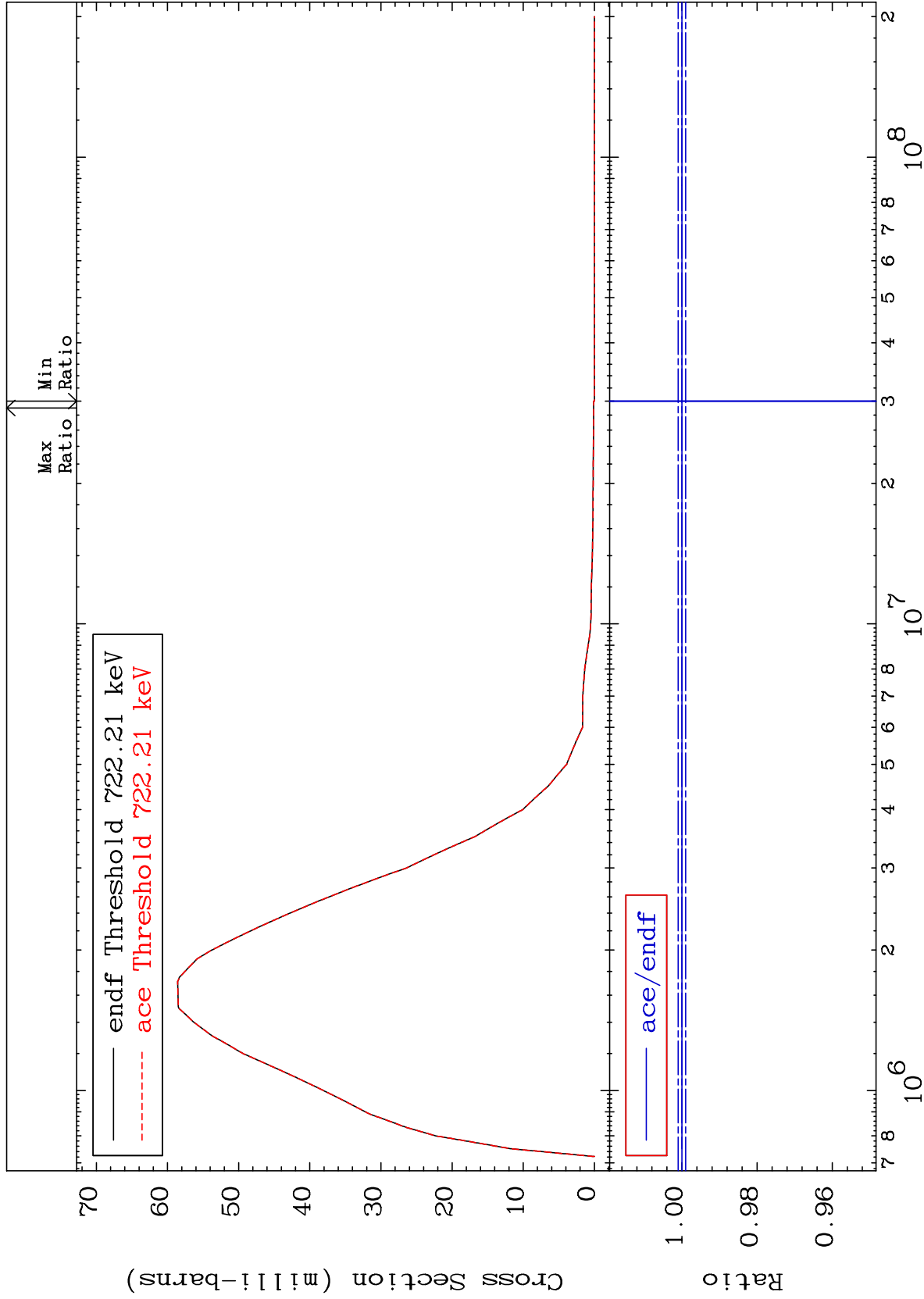
53-I -127



MAT 5325

716.5 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



16

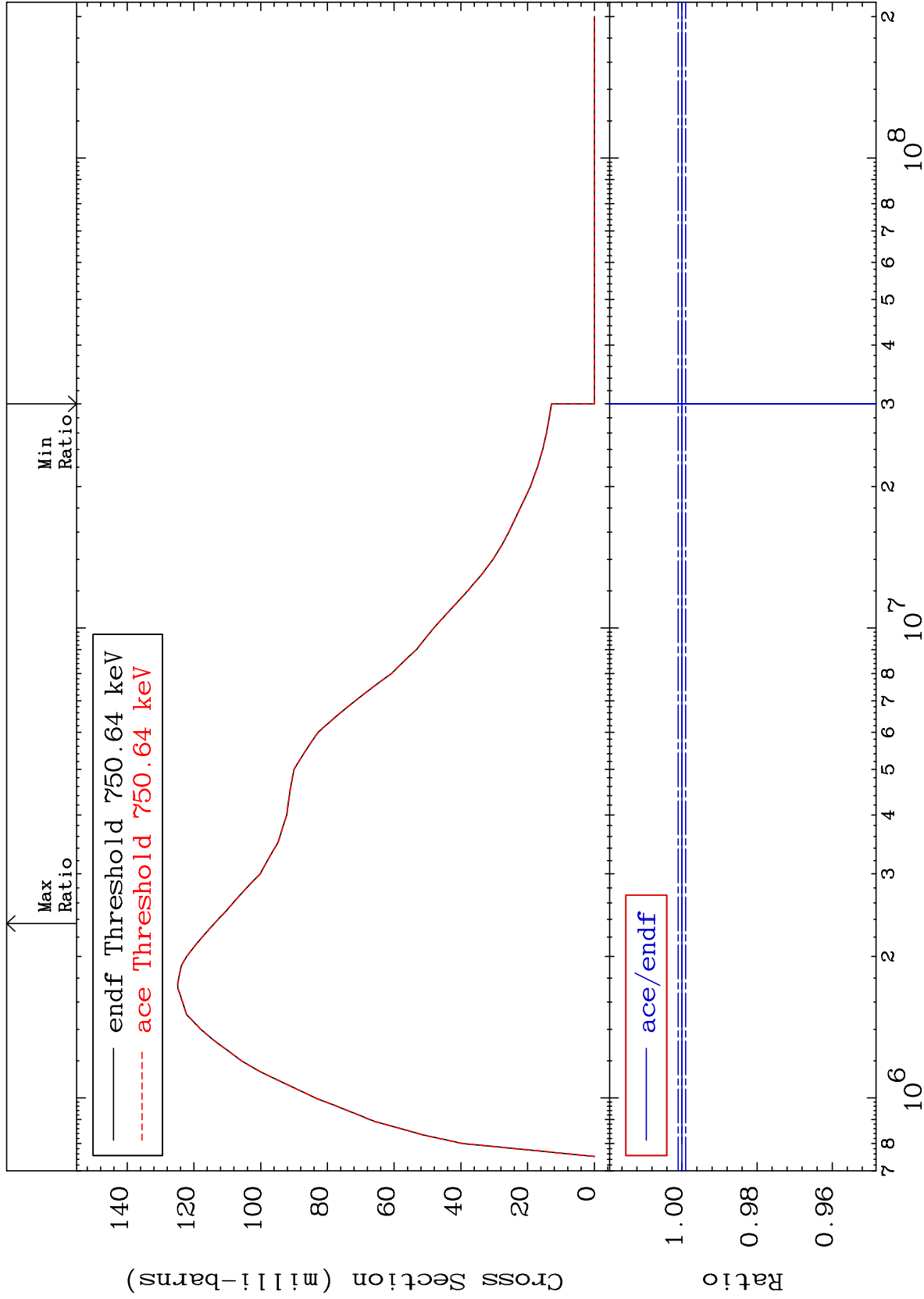
Incident Energy (eV)

53-I -127

MAT 5325

744.7 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



17

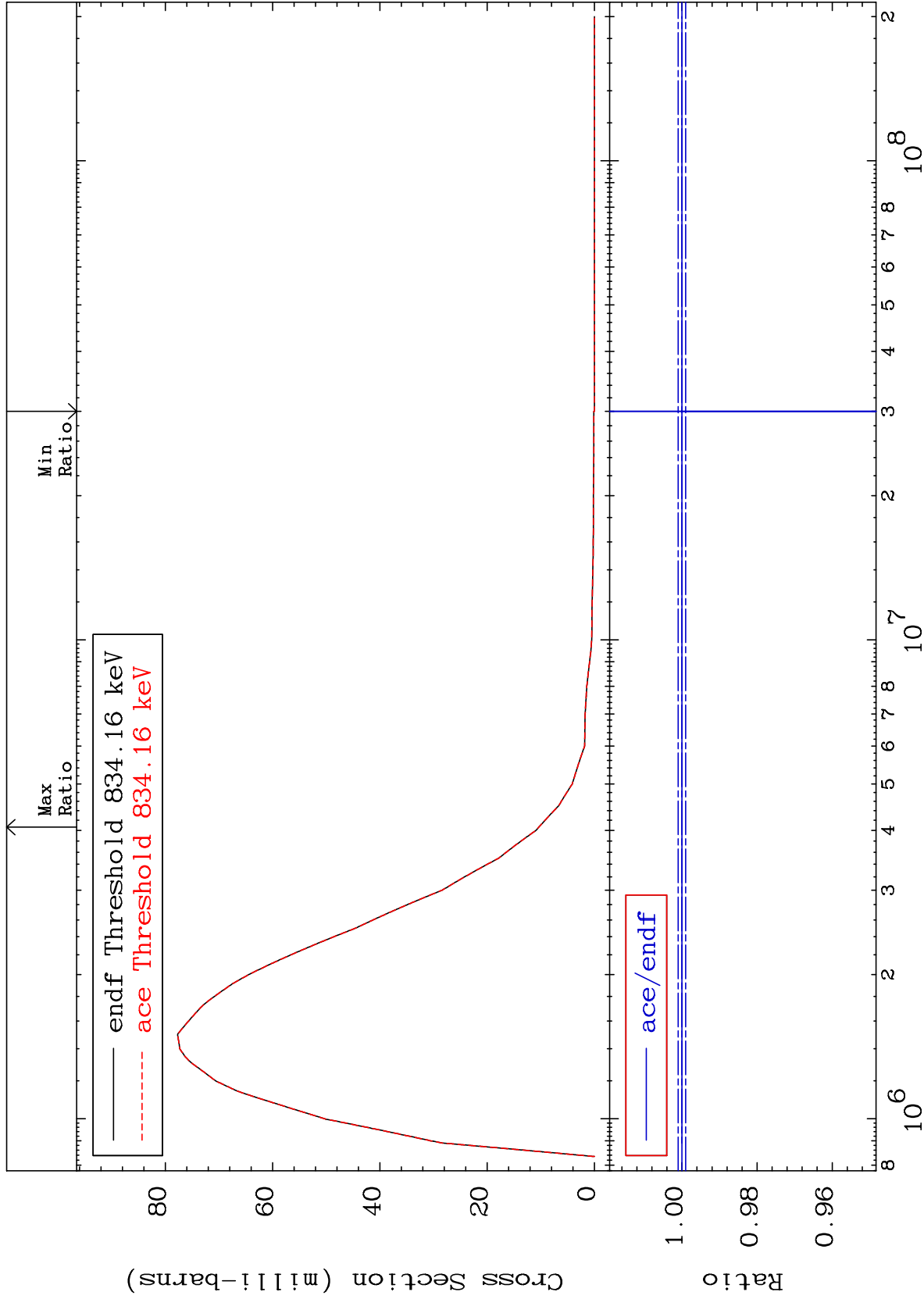
Incident Energy (eV)

53-I -127

MAT 5325

827.6 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



18

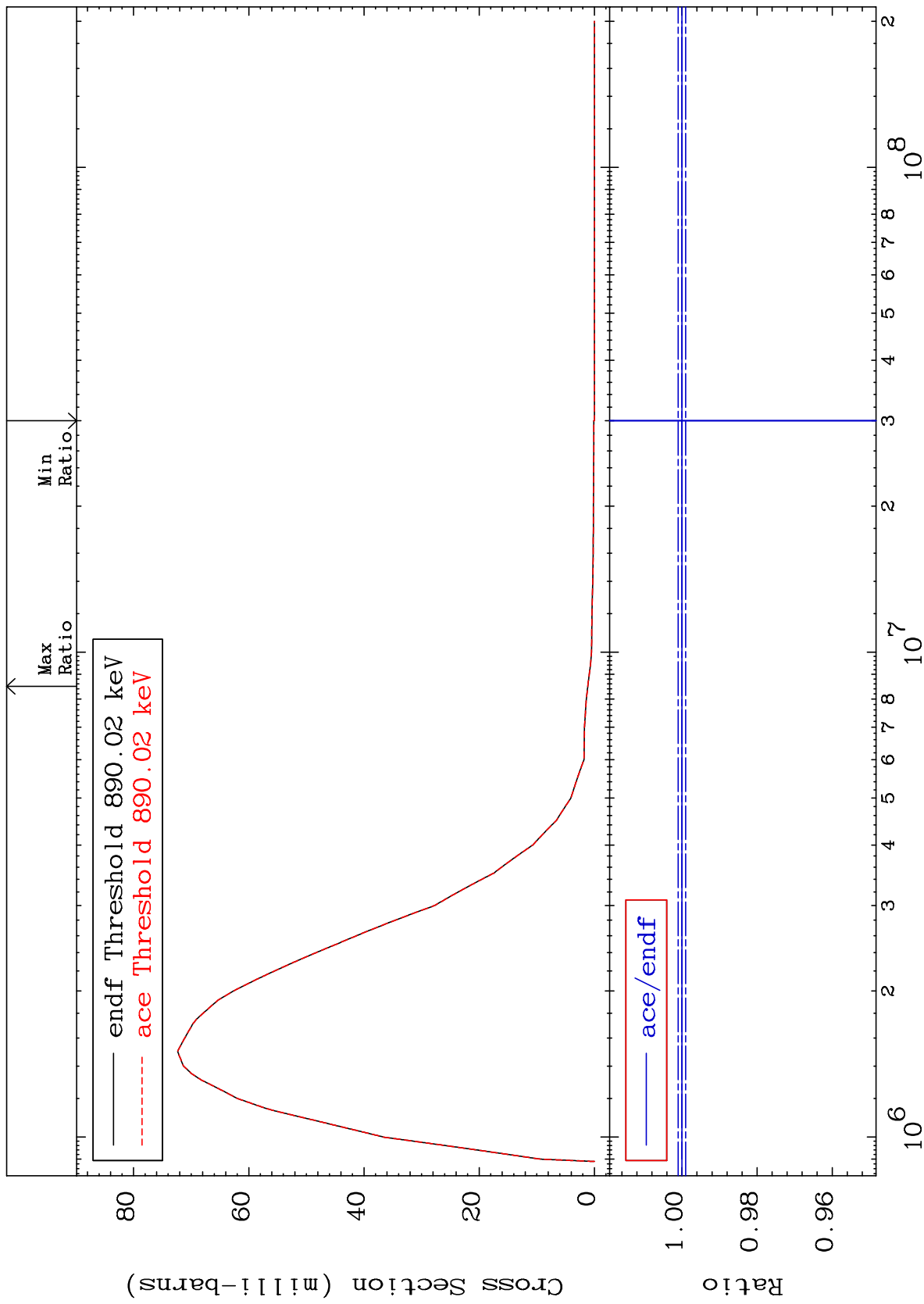
Incident Energy (eV)

53-I -127

MAT 5325

883.0 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



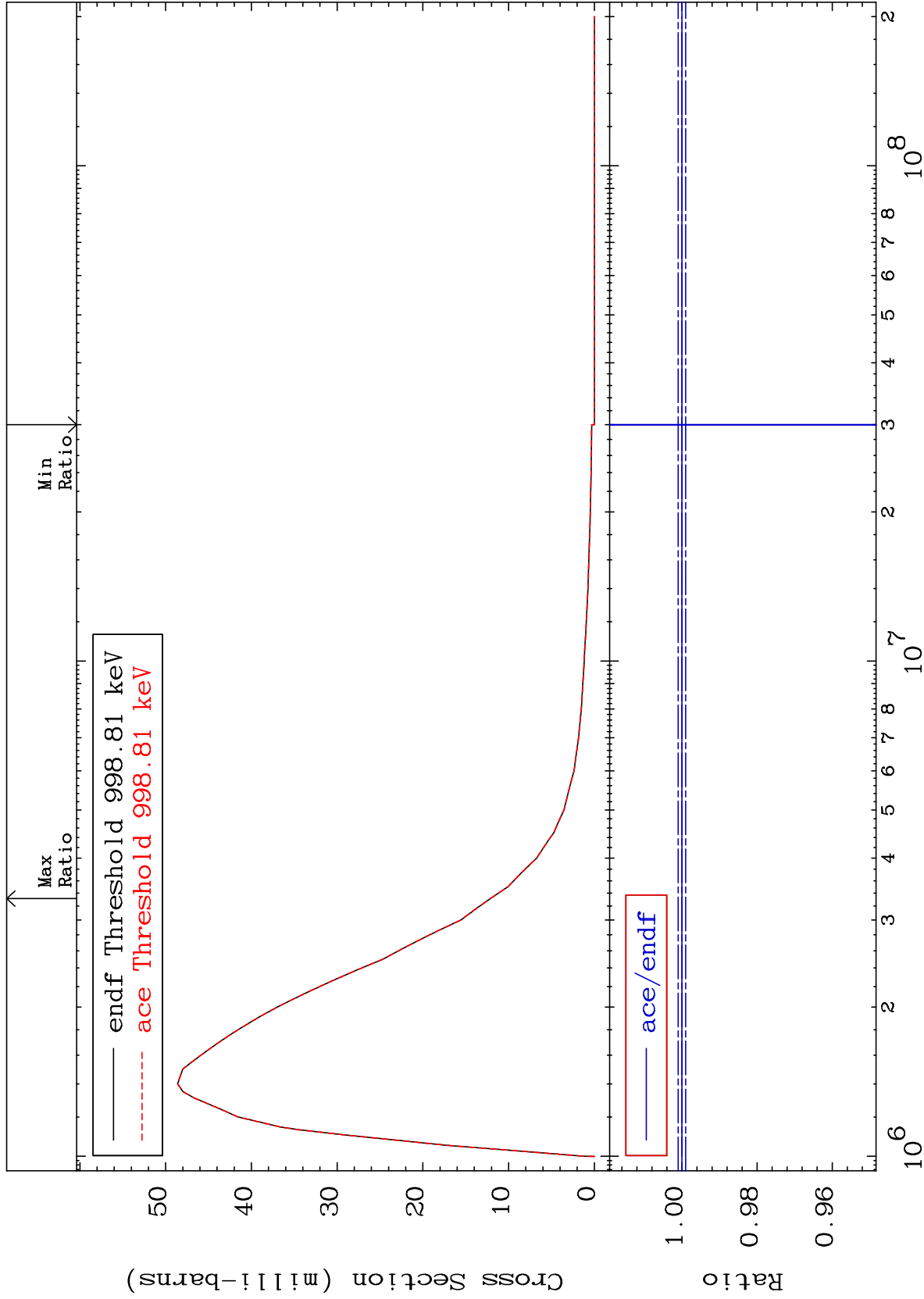
19

19

MAT 5325

990.9 keV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %

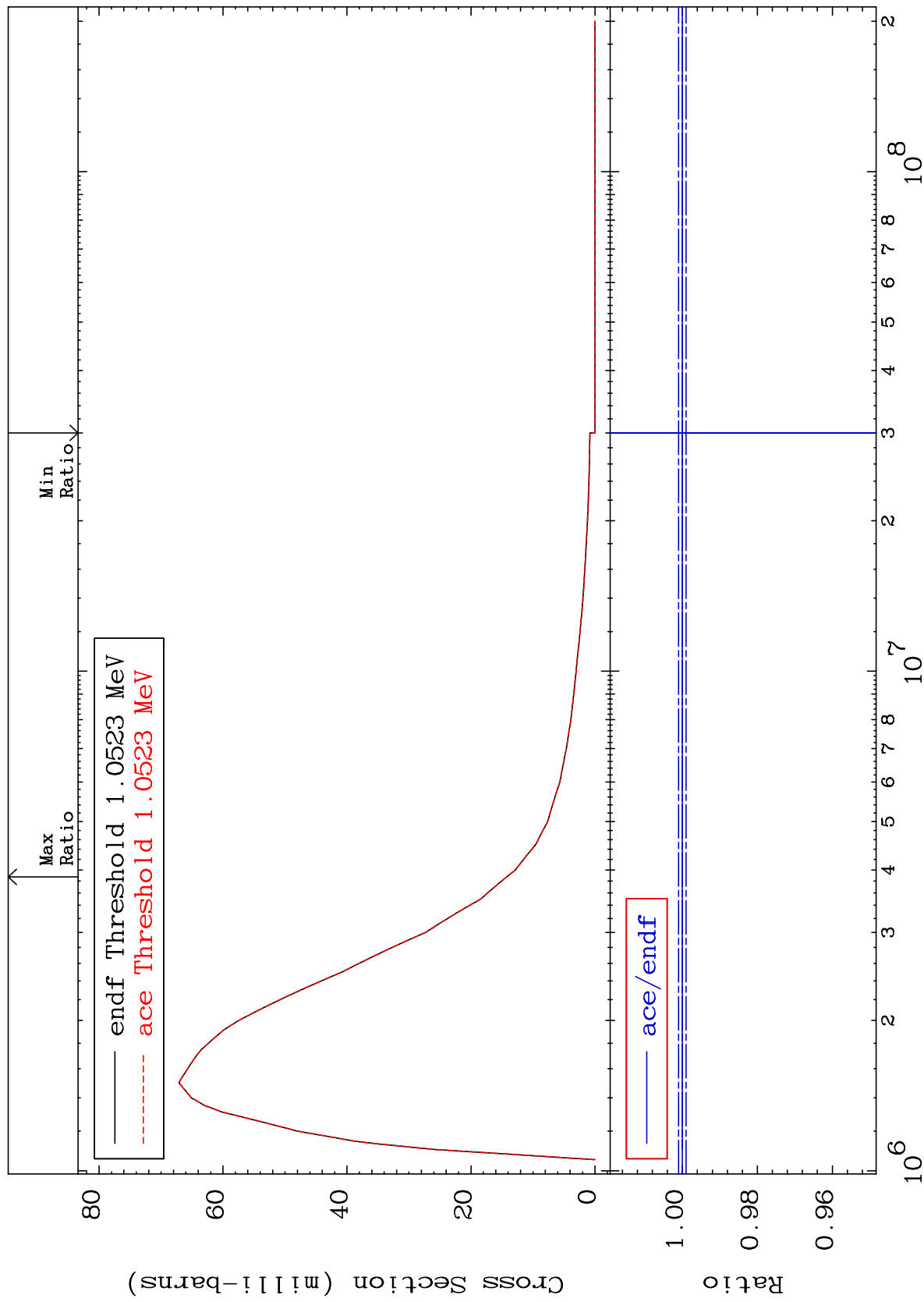


53-I -127

MAT 5325

1.044 MeV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



21

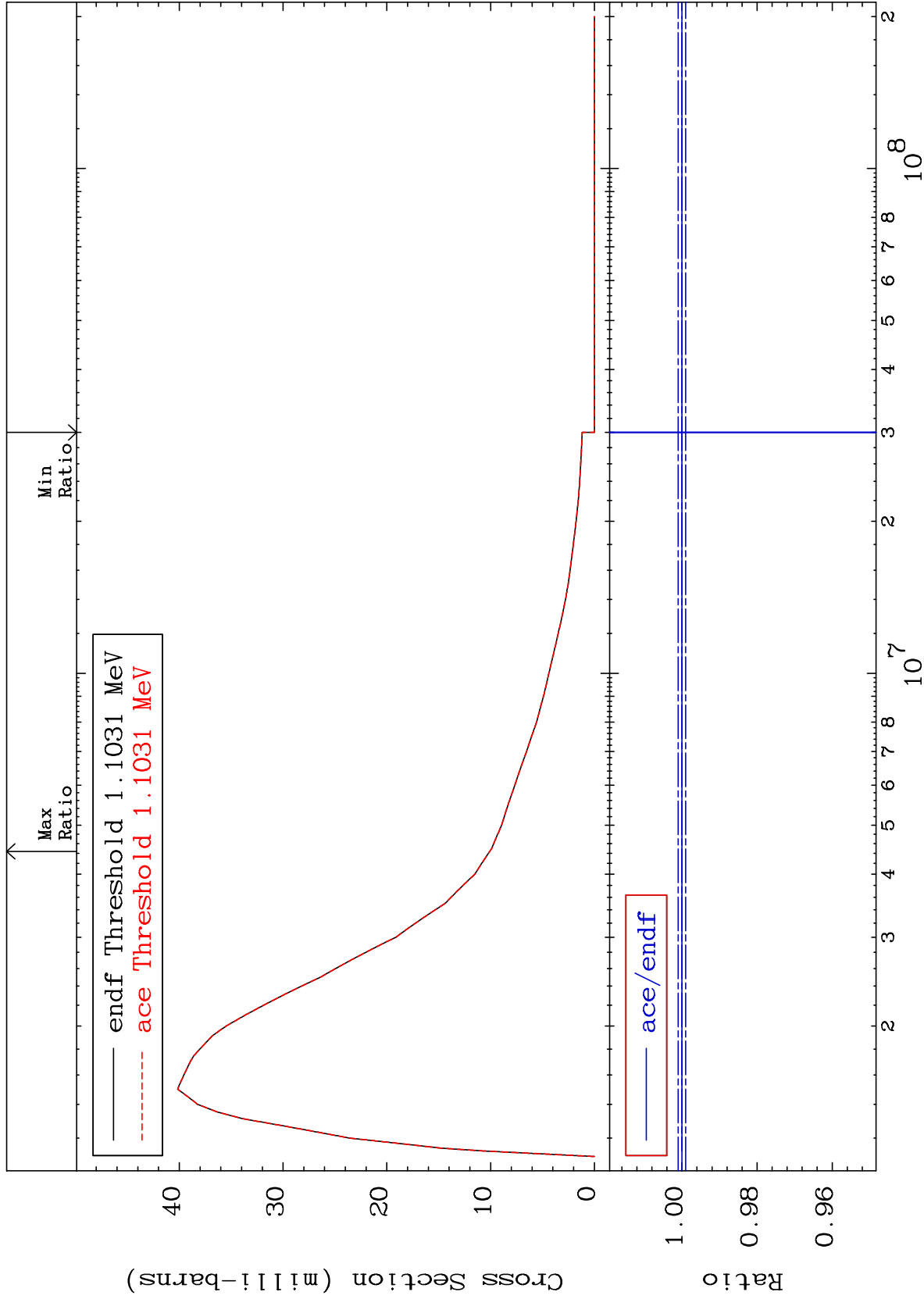
Incident Energy (eV)

53-I -127

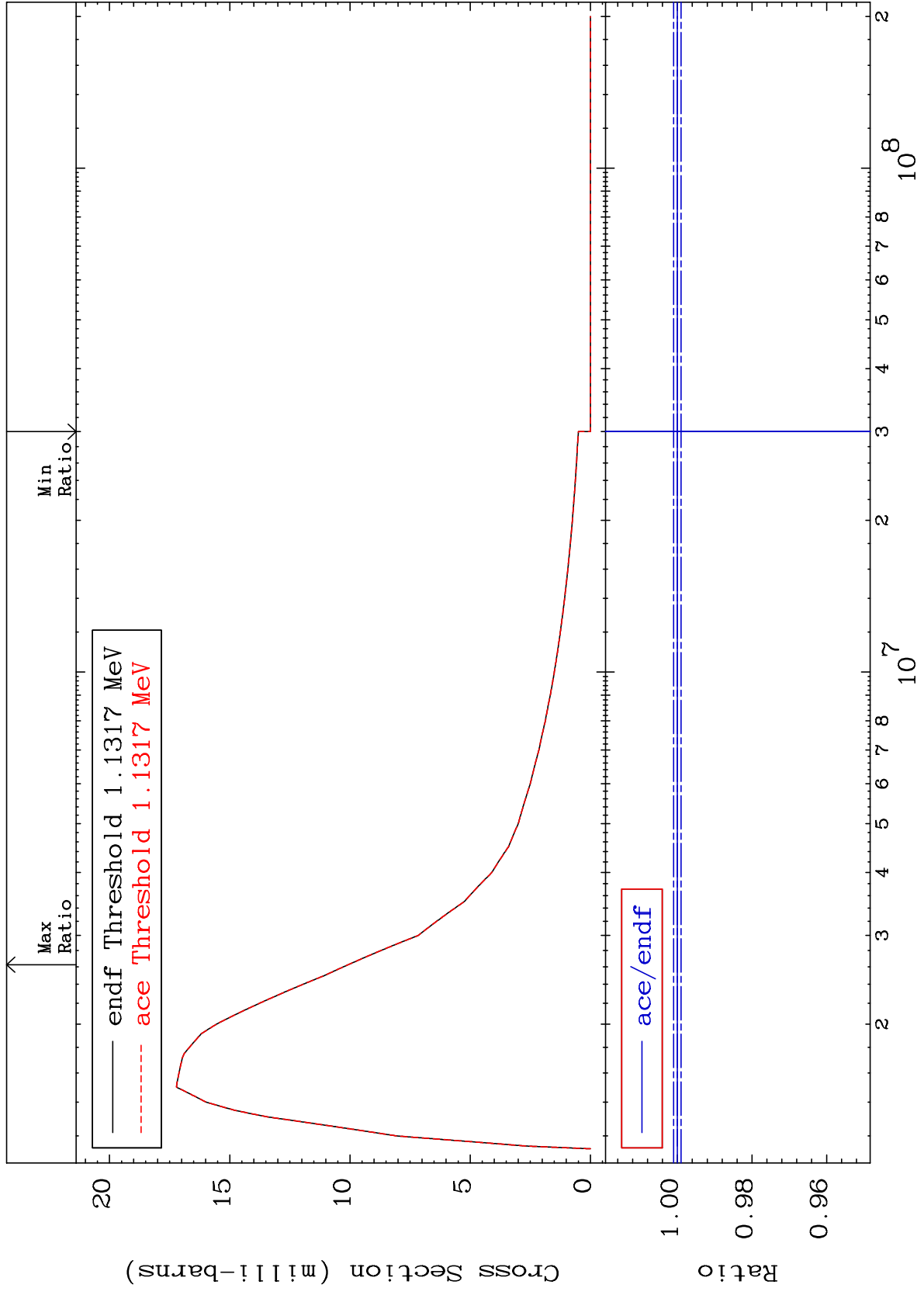
MAT 5325

1.094 MeV (n,n') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



MAT 5325      1.123 MeV (n,n') Level      53-I -127  
 Cross Section      -50.00 To 0.000 %

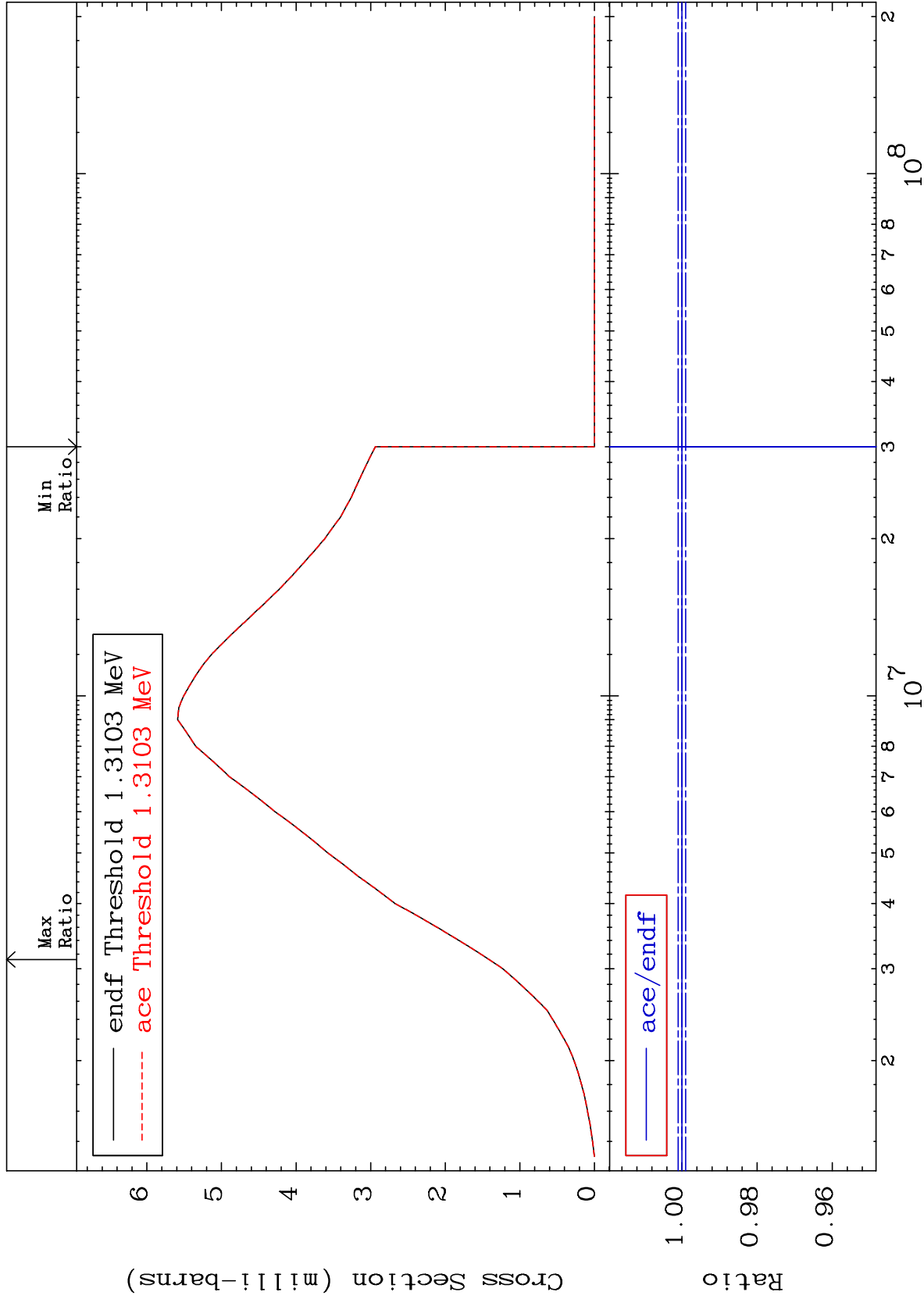




MAT 5325

1.300 MeV (n,n') Level  
Cross Section

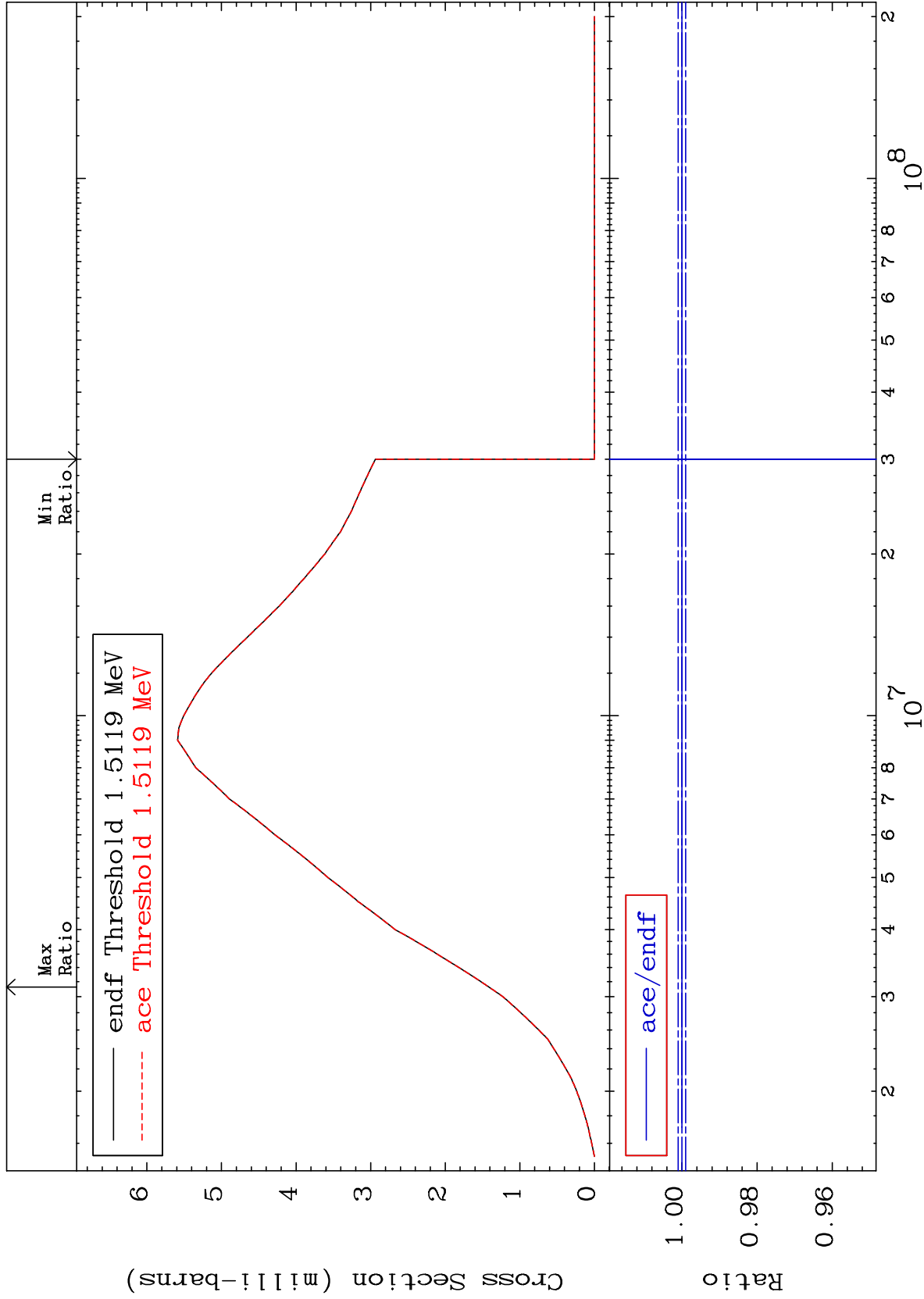
53-I -127  
-50.00 To 0.000 %



MAT 5325

1.500 MeV (n,n') Level  
Cross Section

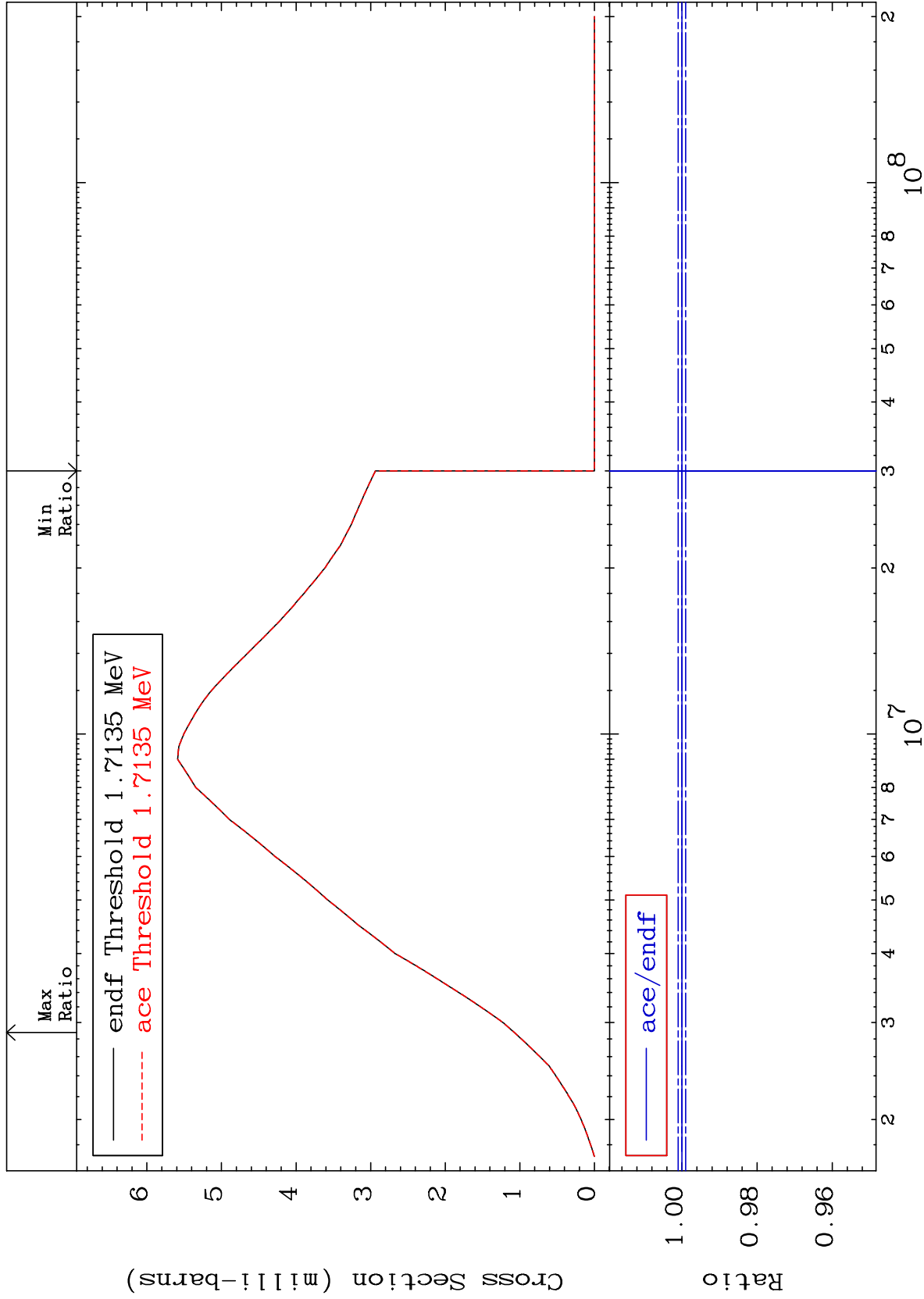
53-I -127  
-50.00 To 0.000 %



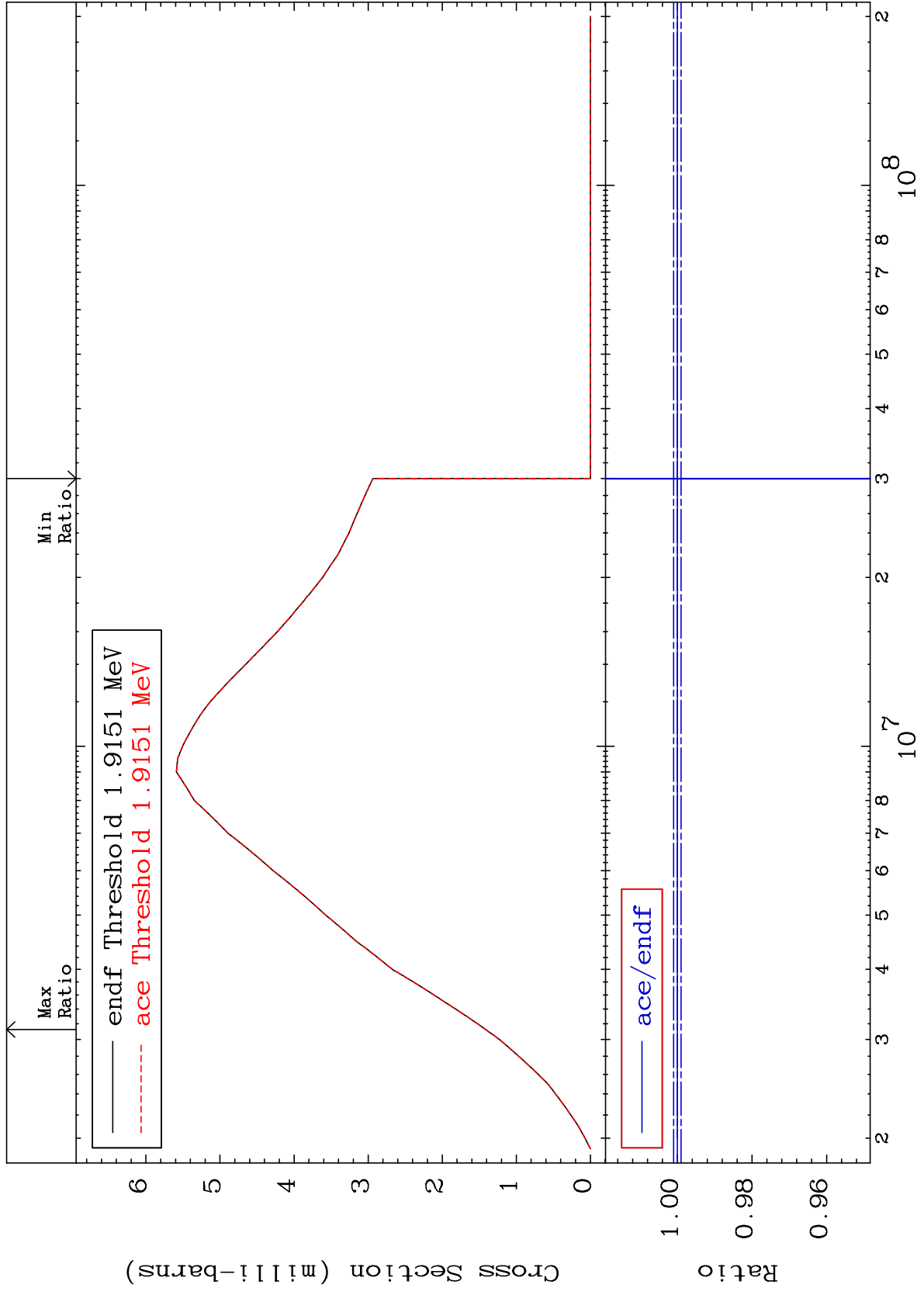
MAT 5325

1.700 MeV (n,n') Level  
Cross Section

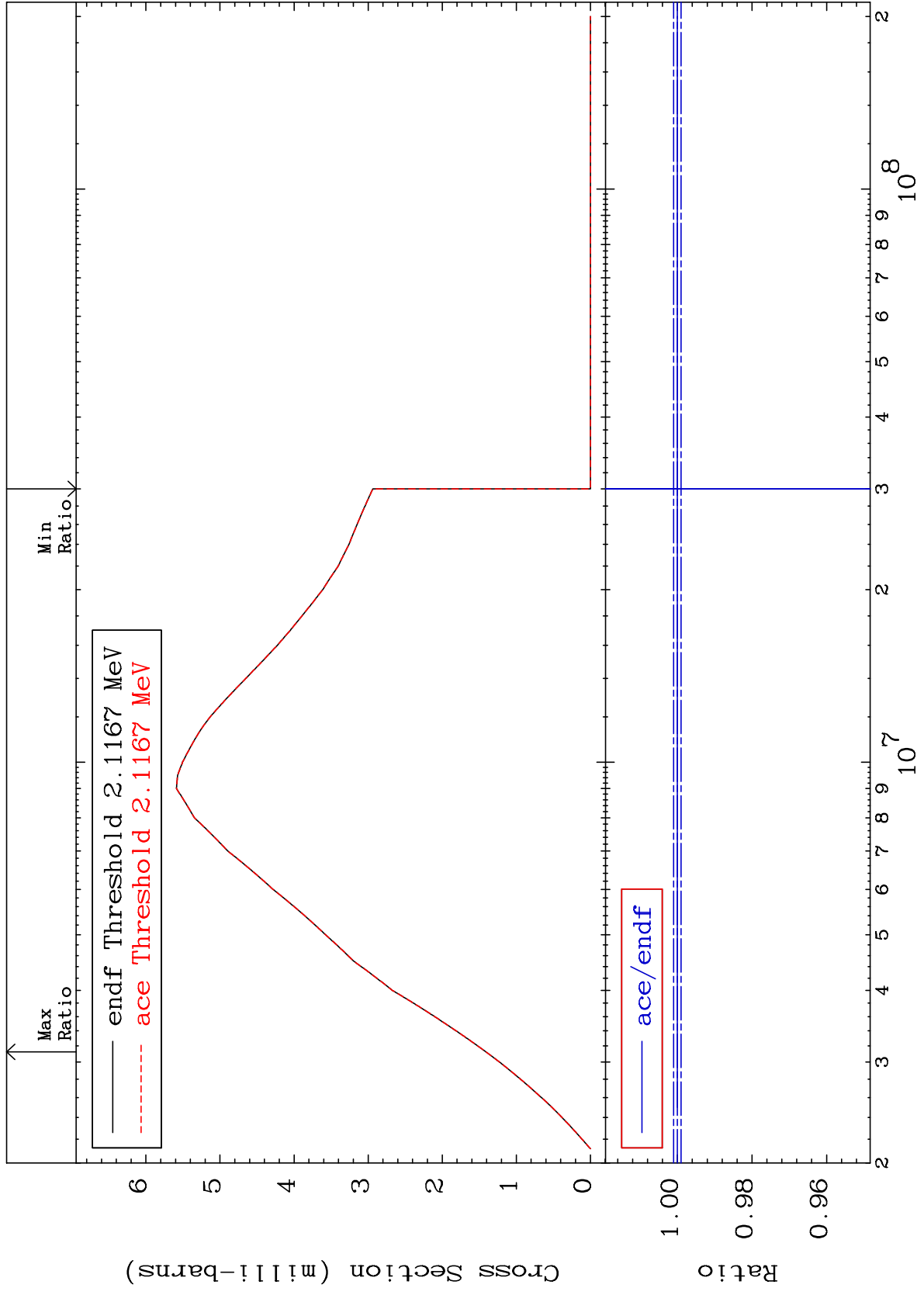
53-I -127  
-50.00 To 0.000 %



MAT 5325 1.900 MeV (n,n') Level 53-I -127  
 Cross Section -50.00 To 0.000 %



MAT 5325      2.100 MeV (n,n') Level      53-I -127  
 Cross Section      -50.00 To 0.000 %





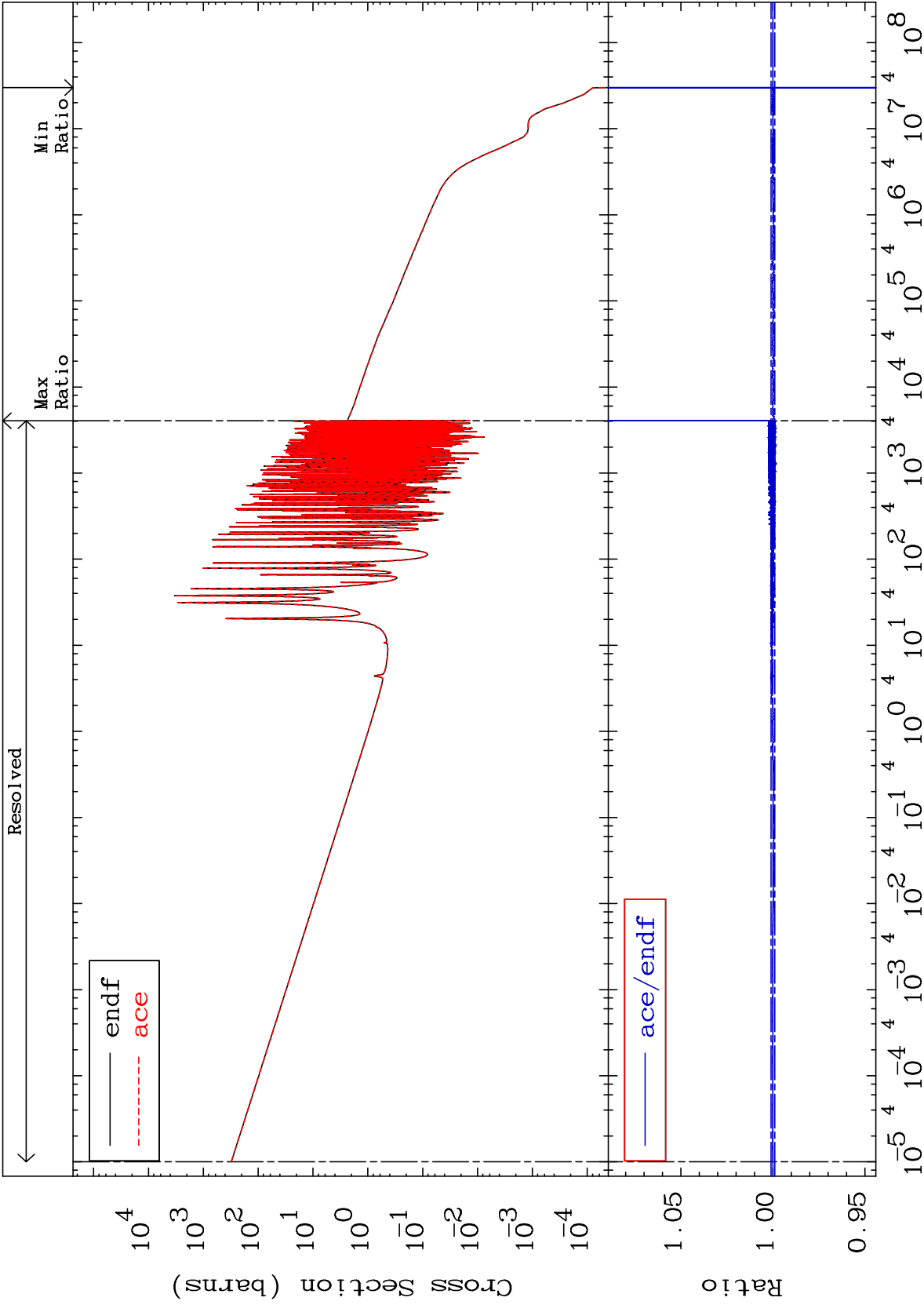
MAT 5325

(n,  $\gamma$ )

53-I -127

Cross Section

-50.00 To 98.96 %



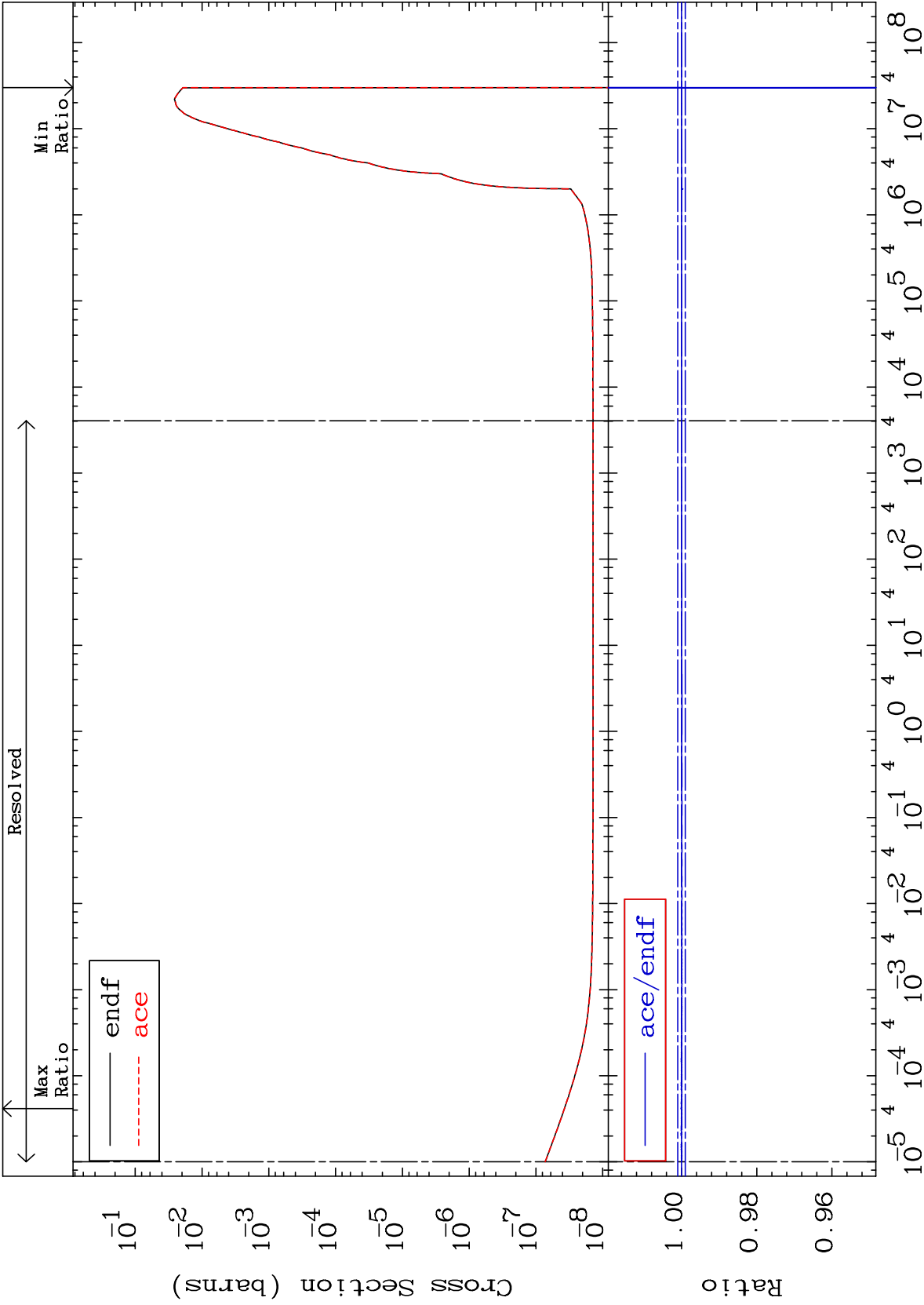
MAT 5325

(n,p)

53-I -127

Cross Section

-50.00 To 0.017 %





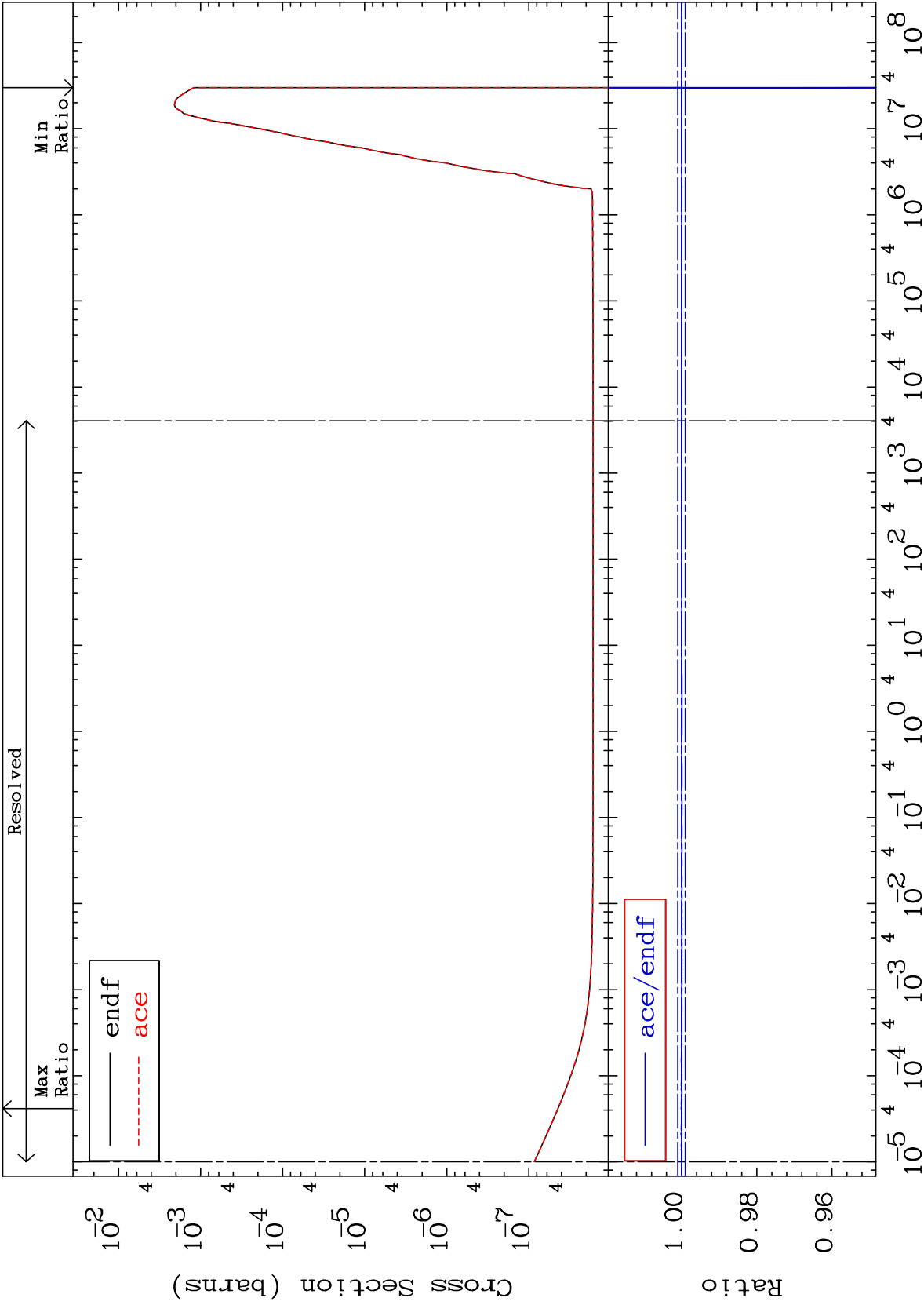
MAT 5325

(n,  $\alpha$ )

53-I -127

Cross Section

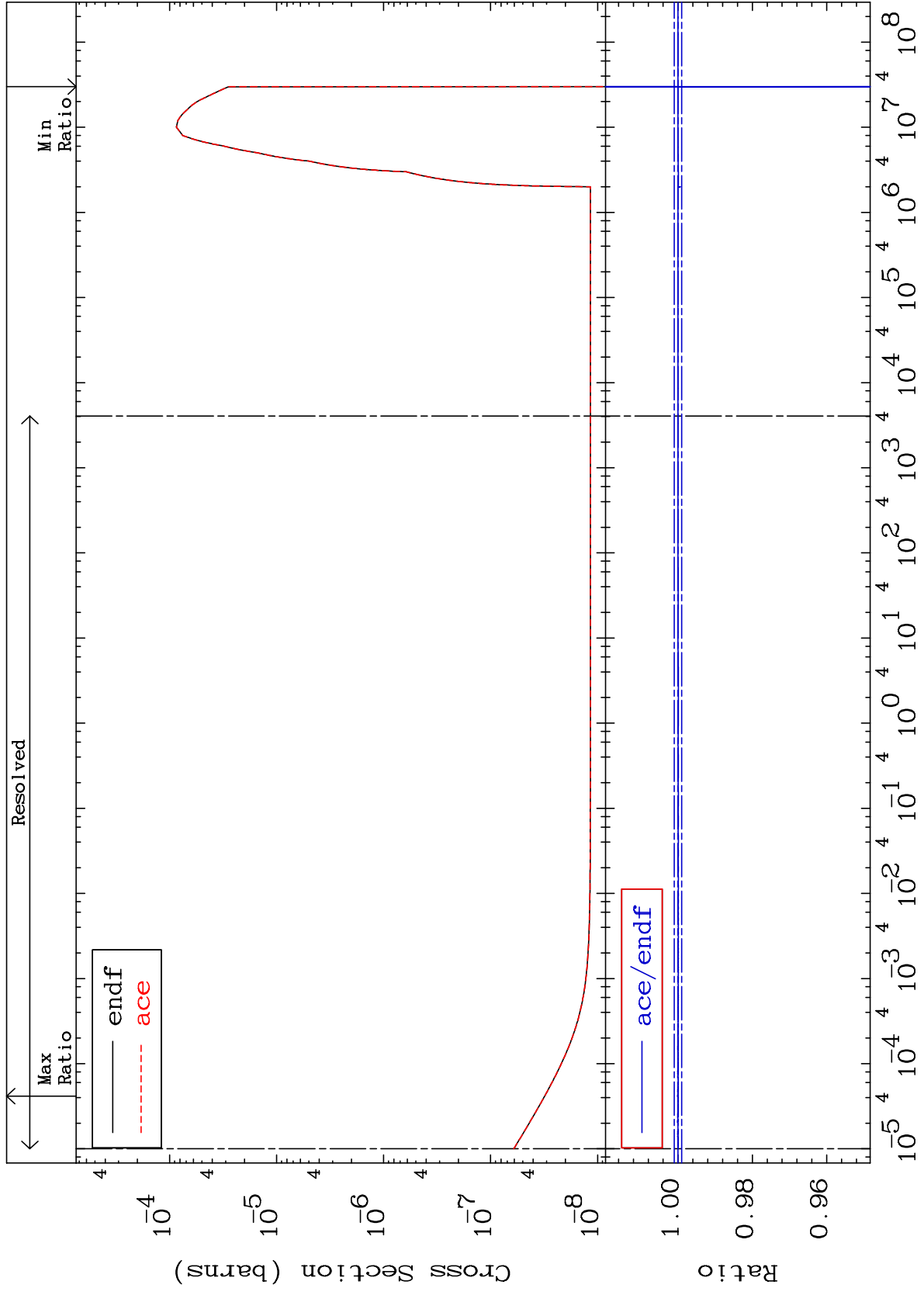
-50.00 To 0.017 %



MAT 5325

(n, p') Ground  
Cross Section

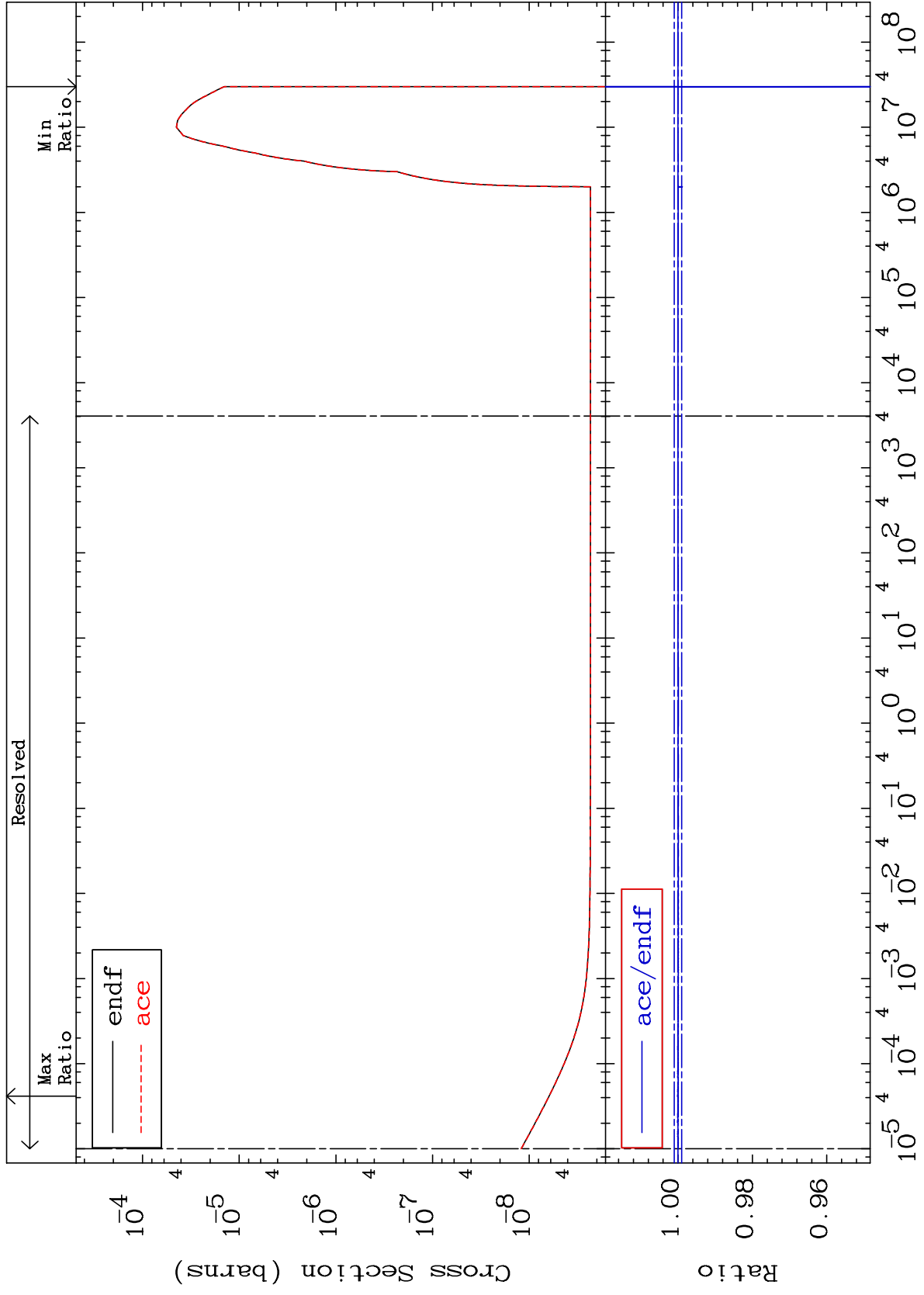
53-I -127  
-50.00 To 0.017 %



MAT 5325

61.12 keV (n,p') Level  
Cross Section

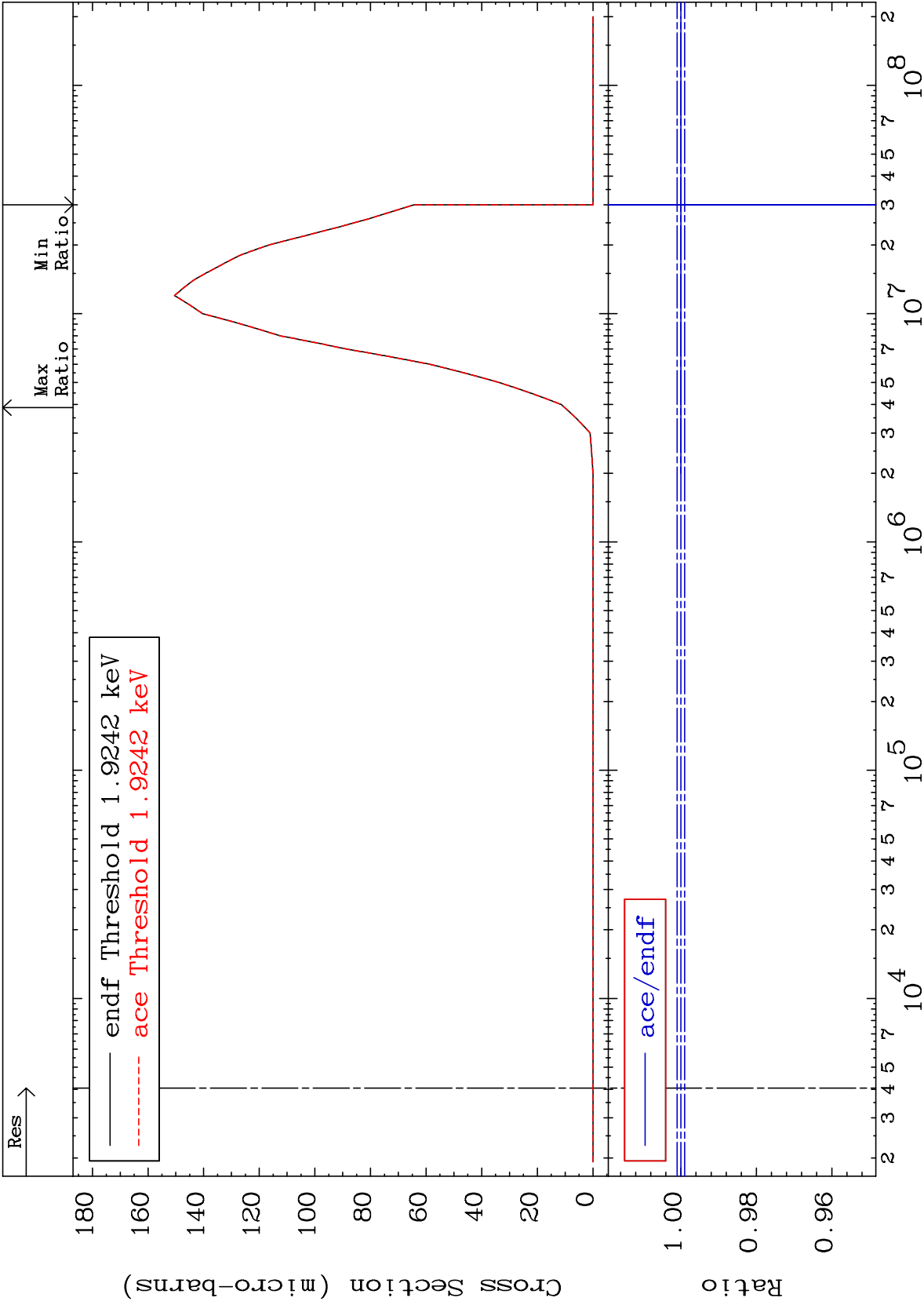
53-I -127  
-50.00 To 0.017 %



MAT 5325

88.26 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



35

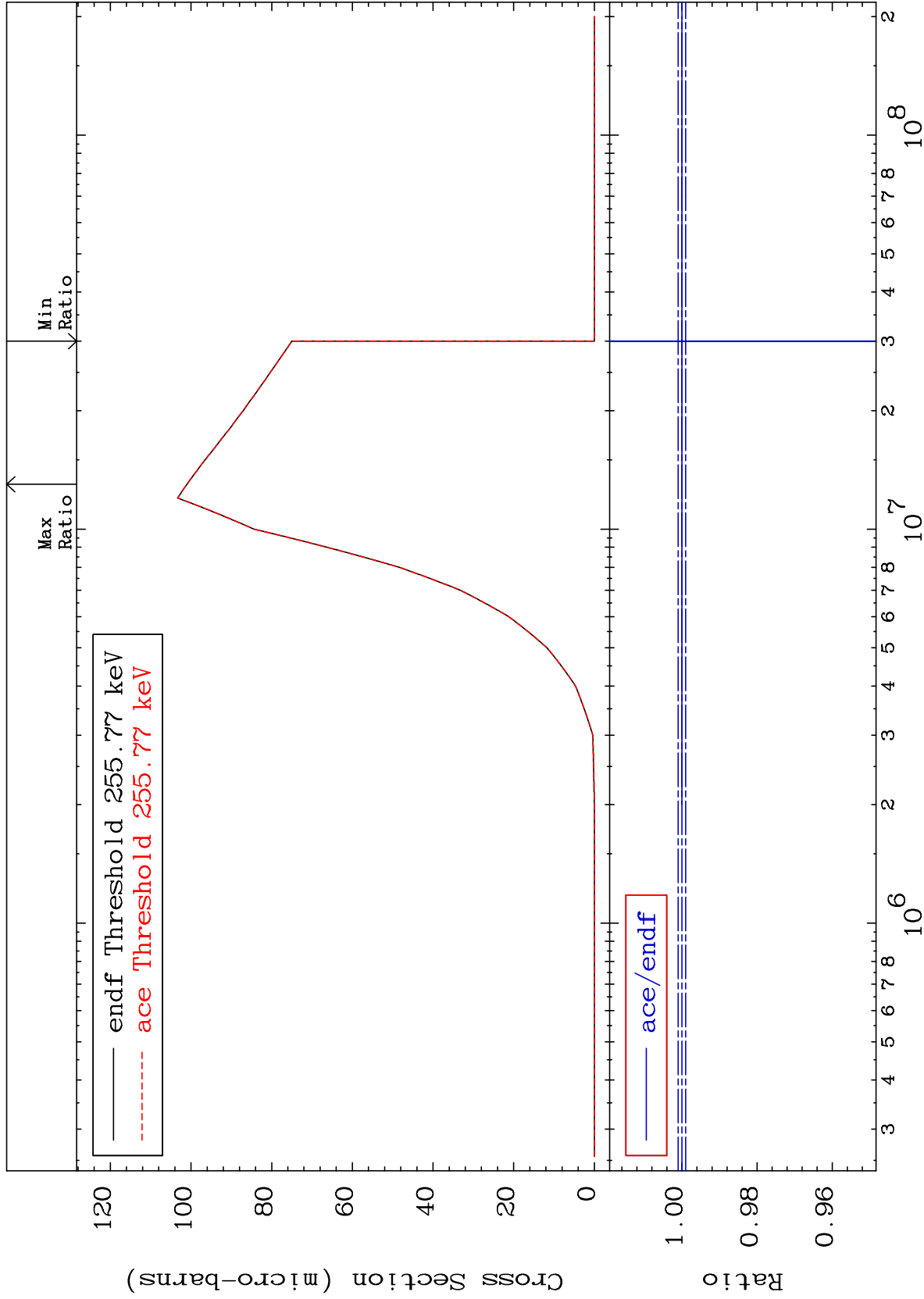
Incident Energy (eV)

53-I -127

MAT 5325

340.1 keV (n,p') Level  
Cross Section

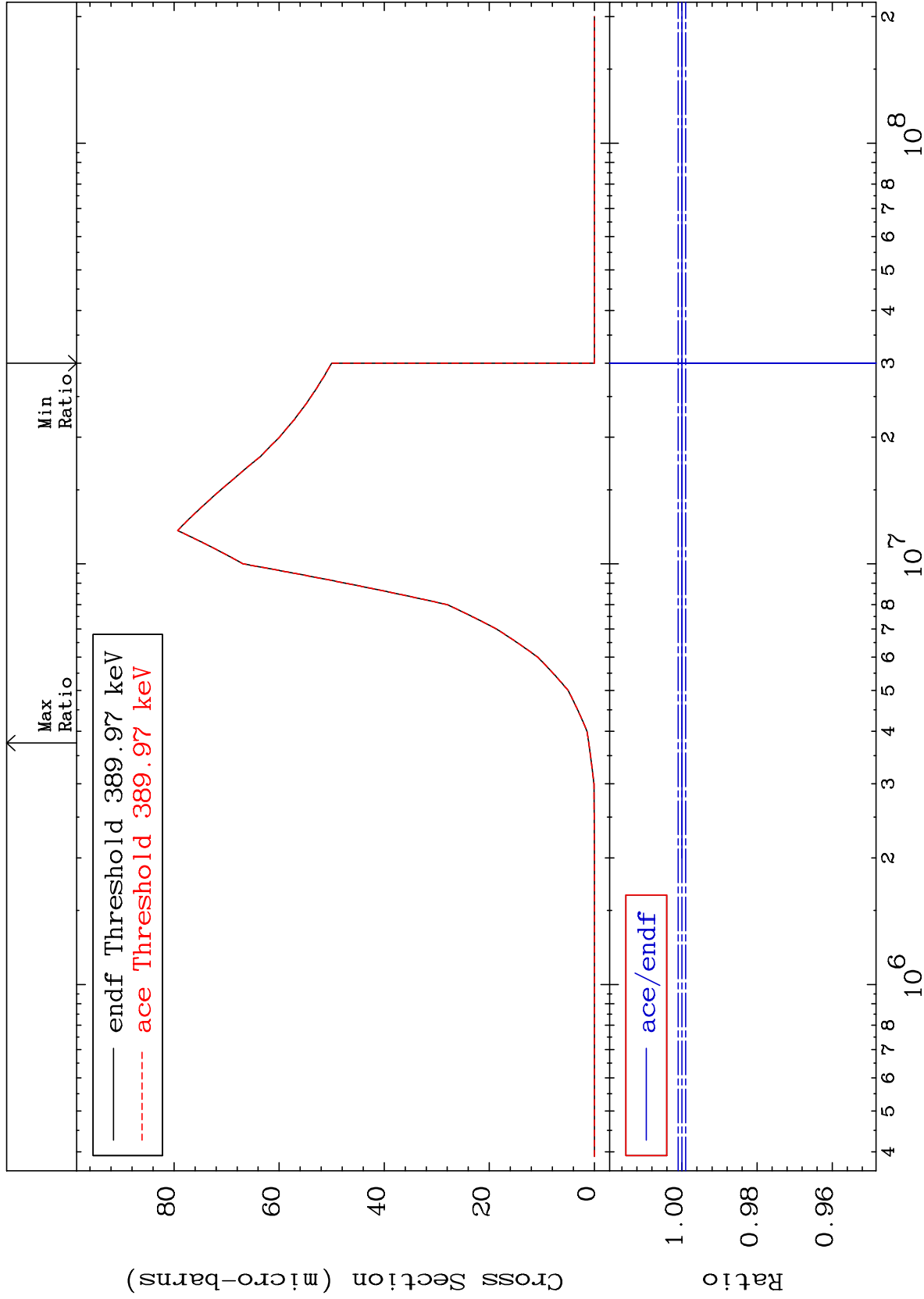
53-I -127  
-50.00 To 0.000 %



MAT 5325

473.2 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



37

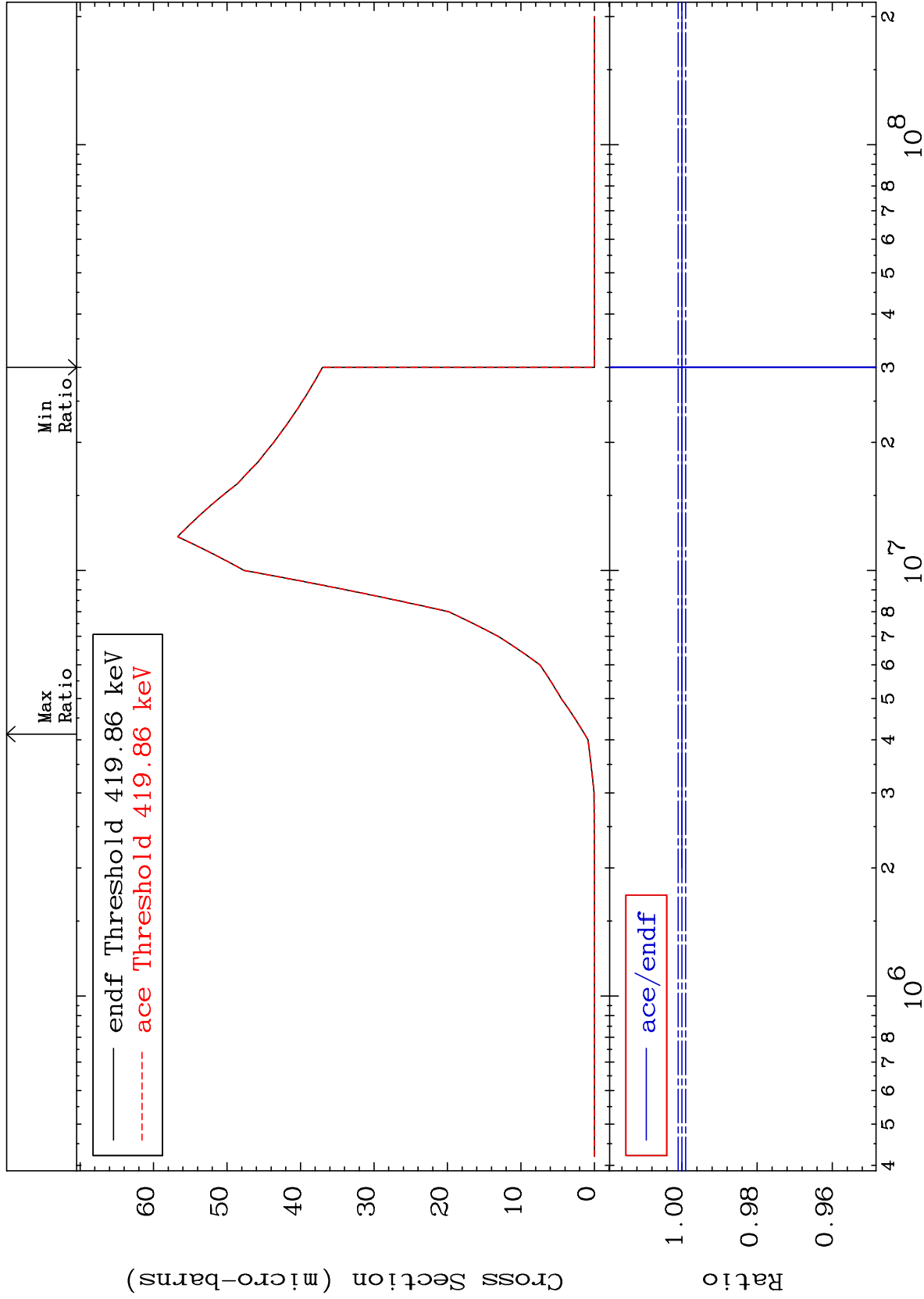
Incident Energy (eV)

53-I -127

MAT 5325

502.9 keV (n,p') Level  
Cross Section

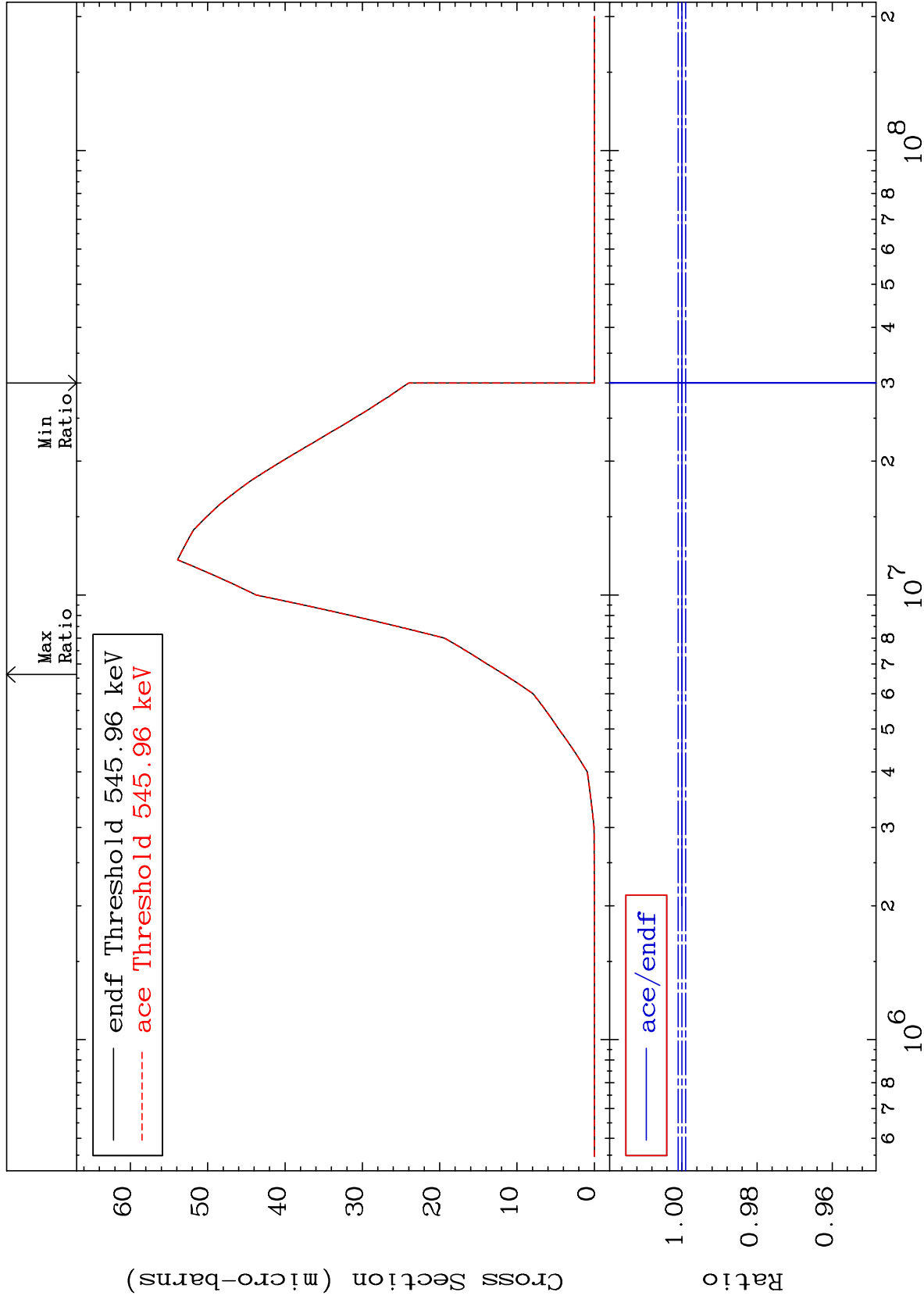
53-I -127  
-50.00 To 0.000 %



MAT 5325

628.0 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



39

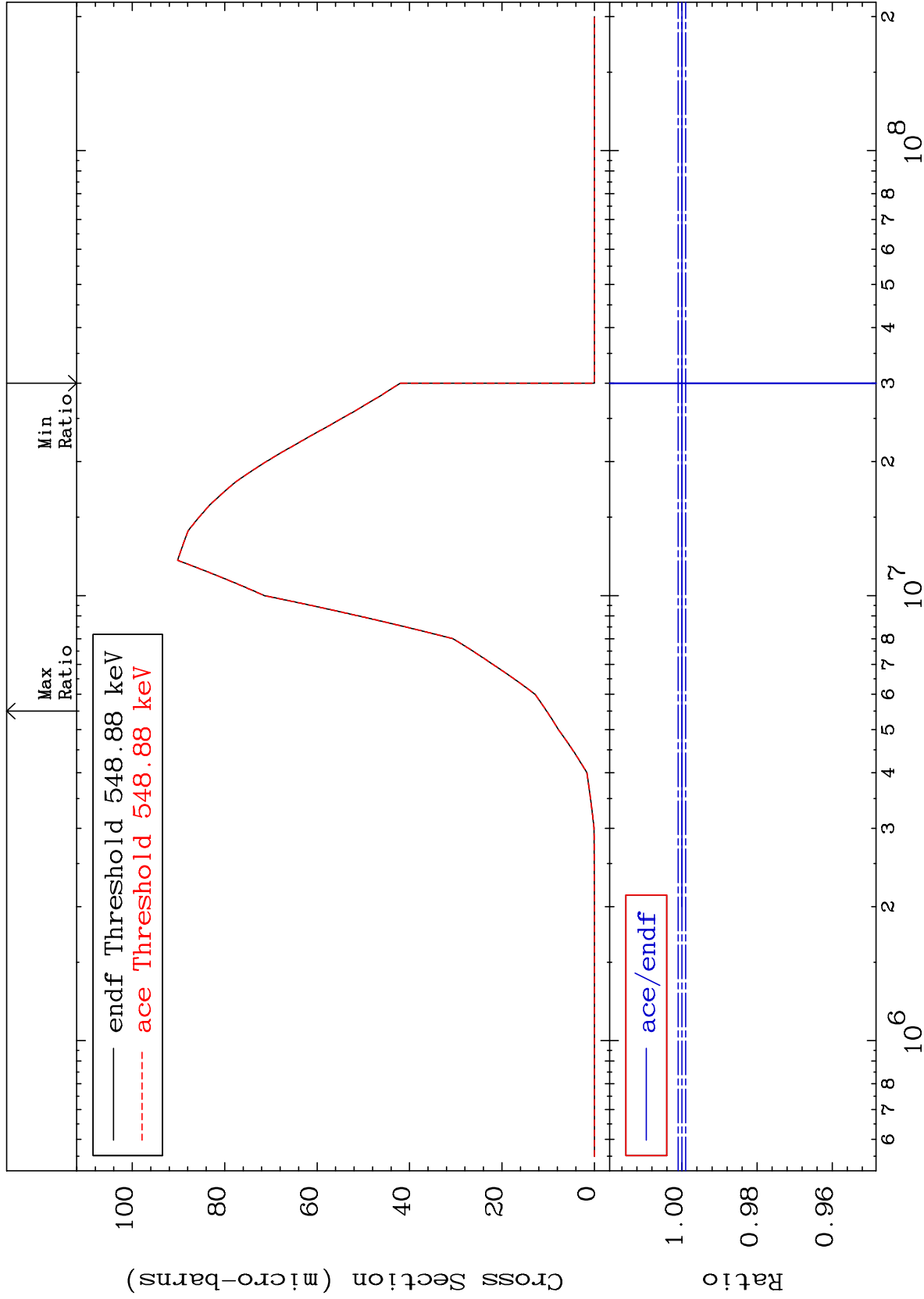
53-I -127



MAT 5325

630.9 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



40

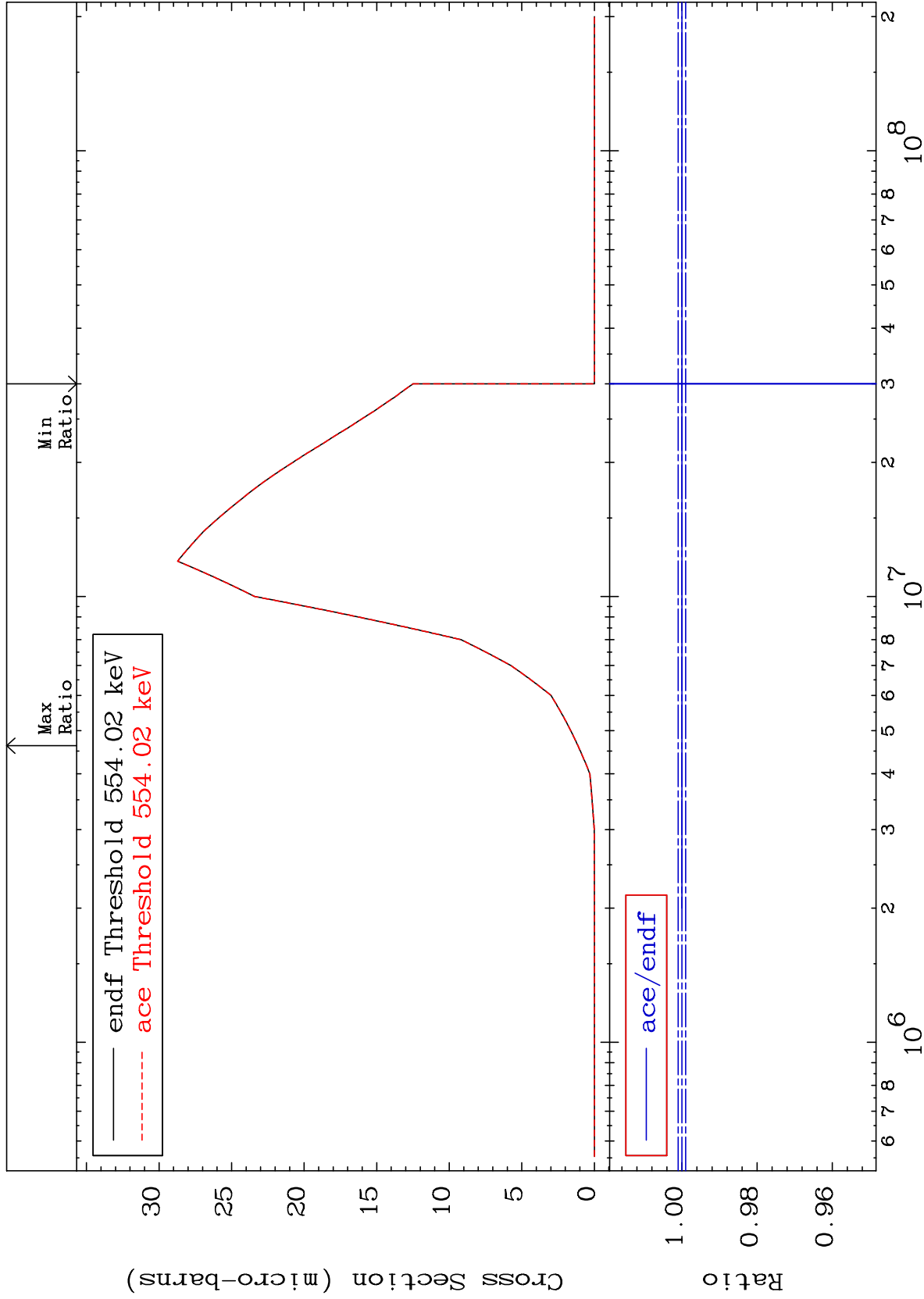
Incident Energy (eV)

53-I -127

MAT 5325

636.0 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



41

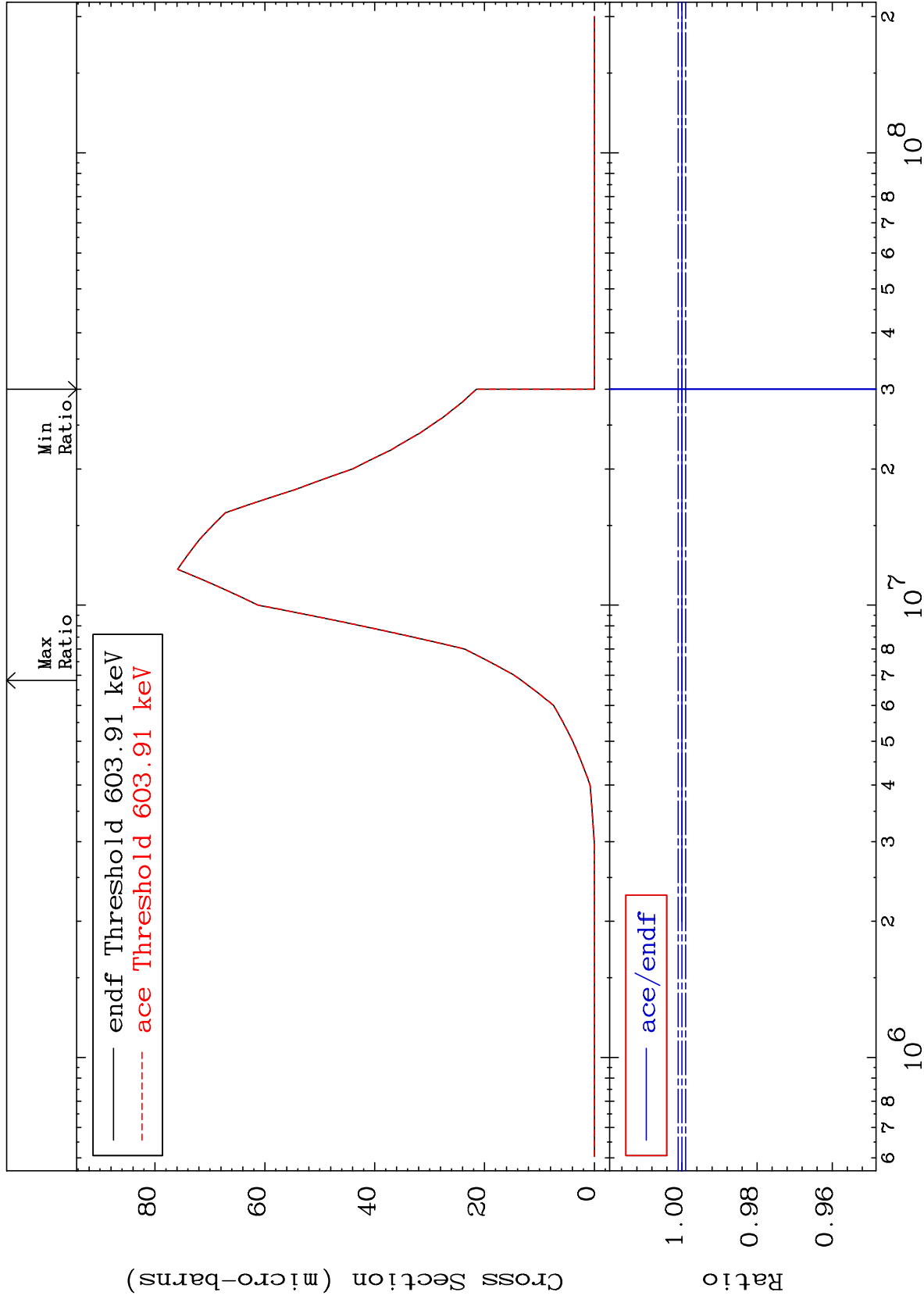
Incident Energy (eV)

53-I -127

MAT 5325

685.5 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



42

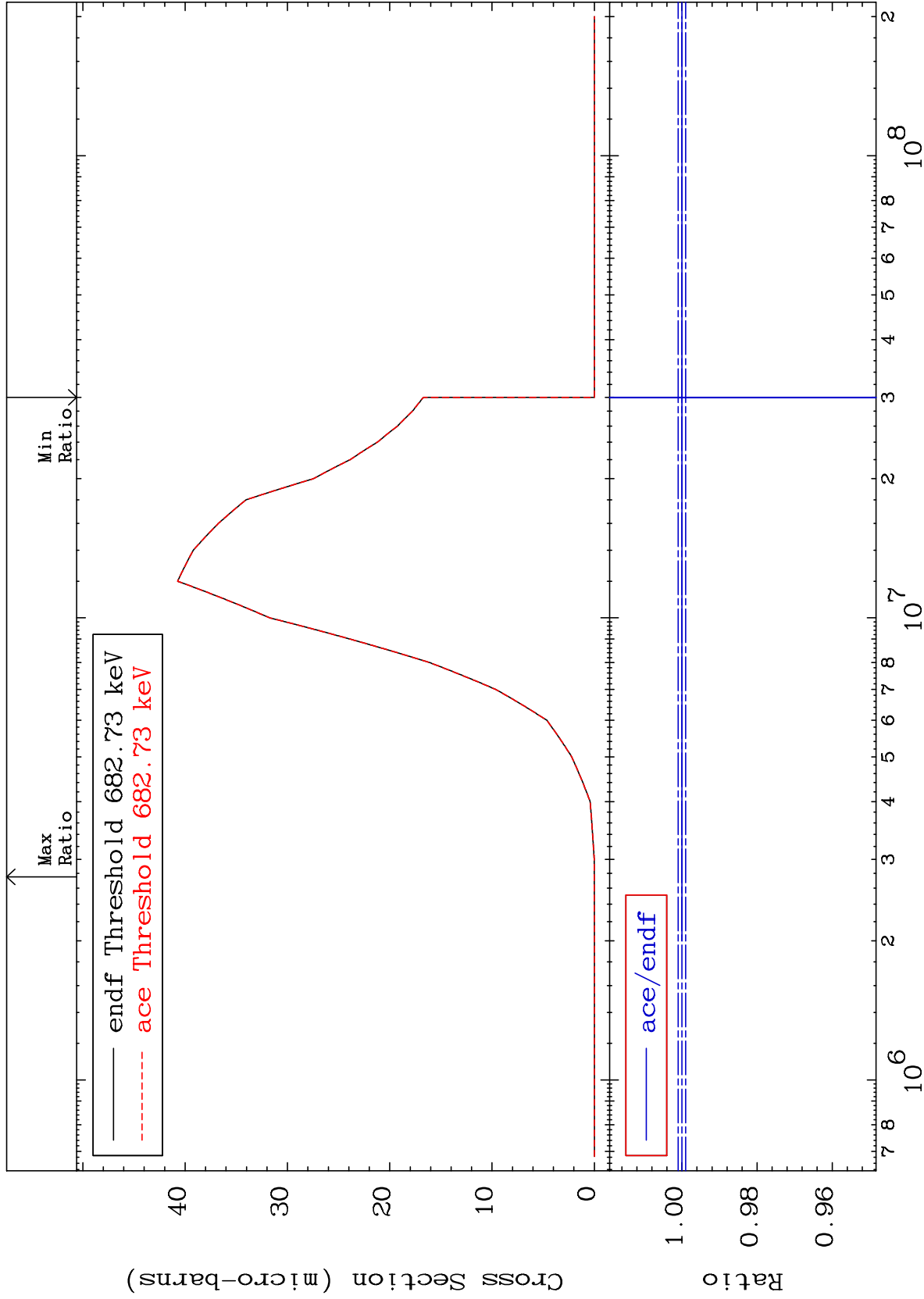
Incident Energy (eV)

53-I -127

MAT 5325

763.7 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



43

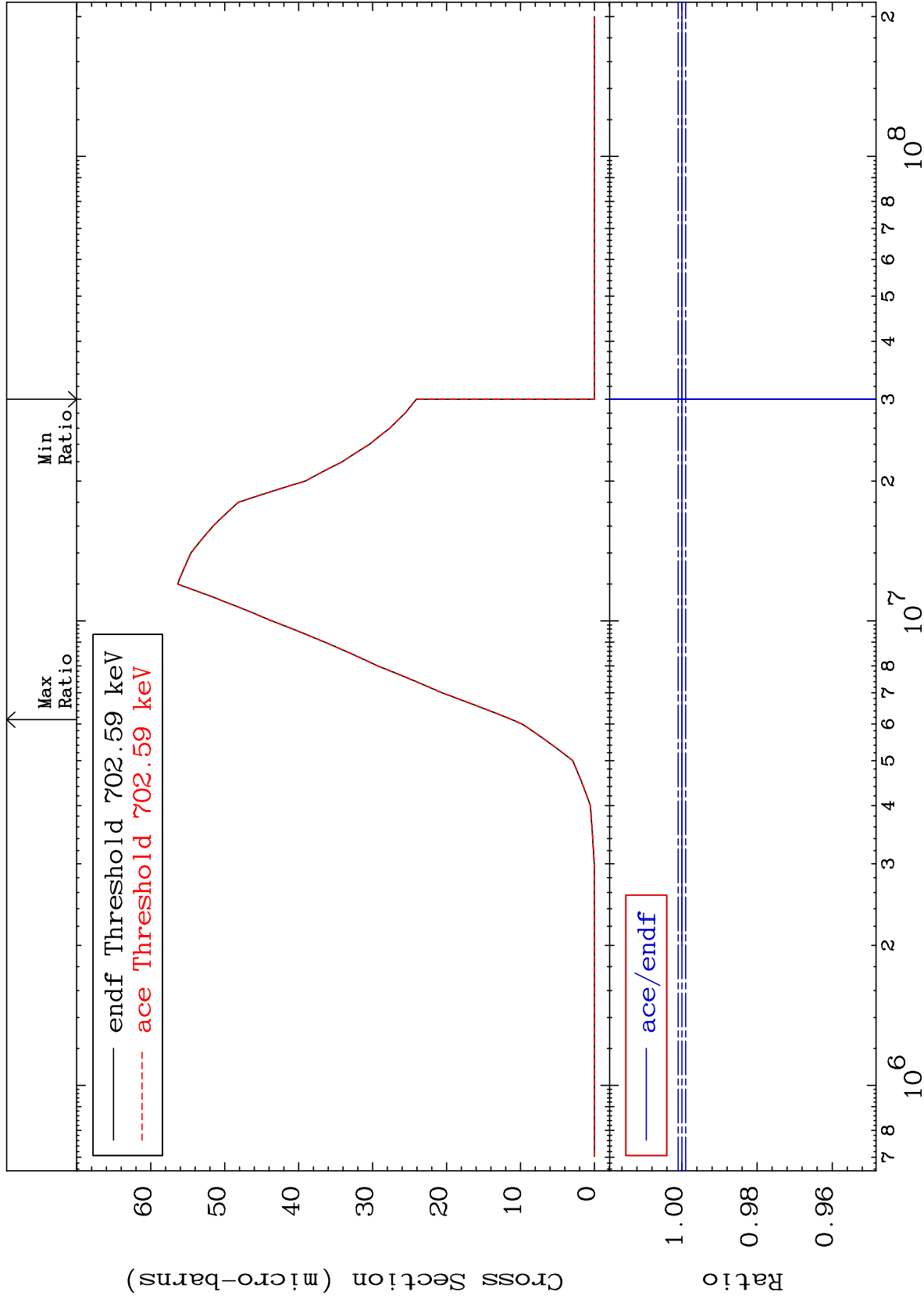
Incident Energy (eV)

53-I -127

MAT 5325

783.4 keV (n,p') Level  
Cross Section

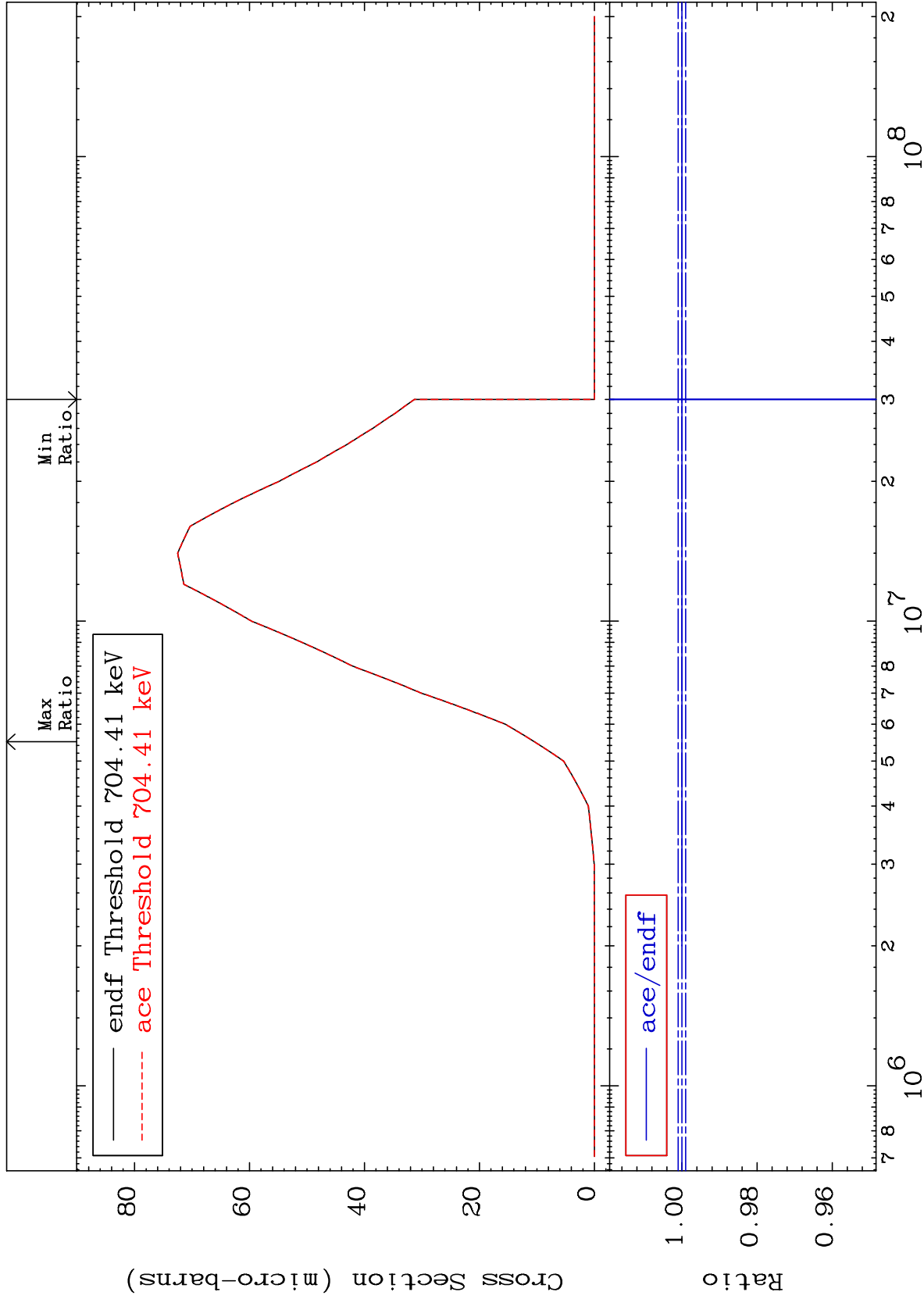
53-I -127  
-50.00 To 0.000 %



MAT 5325

785.2 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



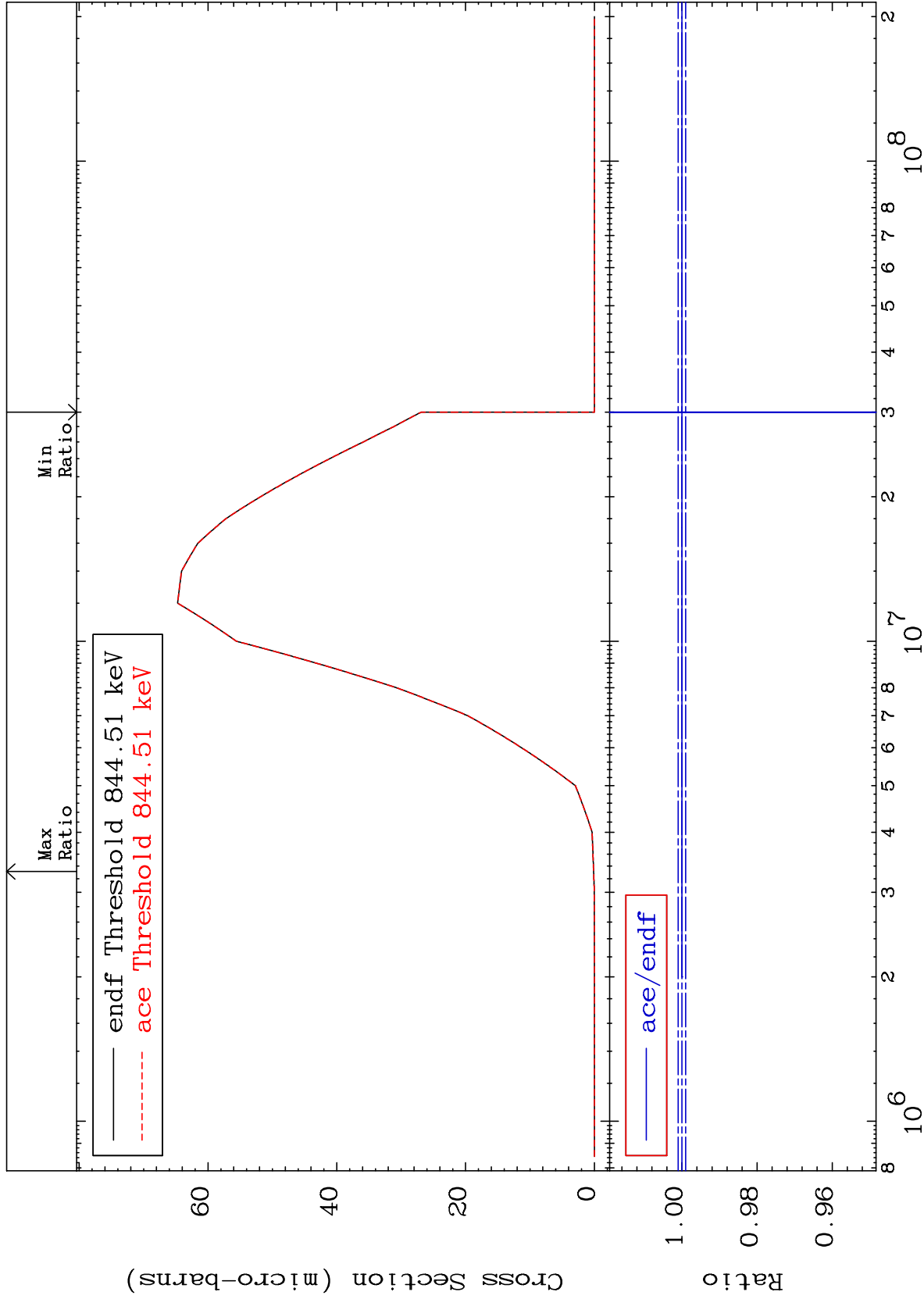
45

53-I -127

MAT 5325

924.2 keV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



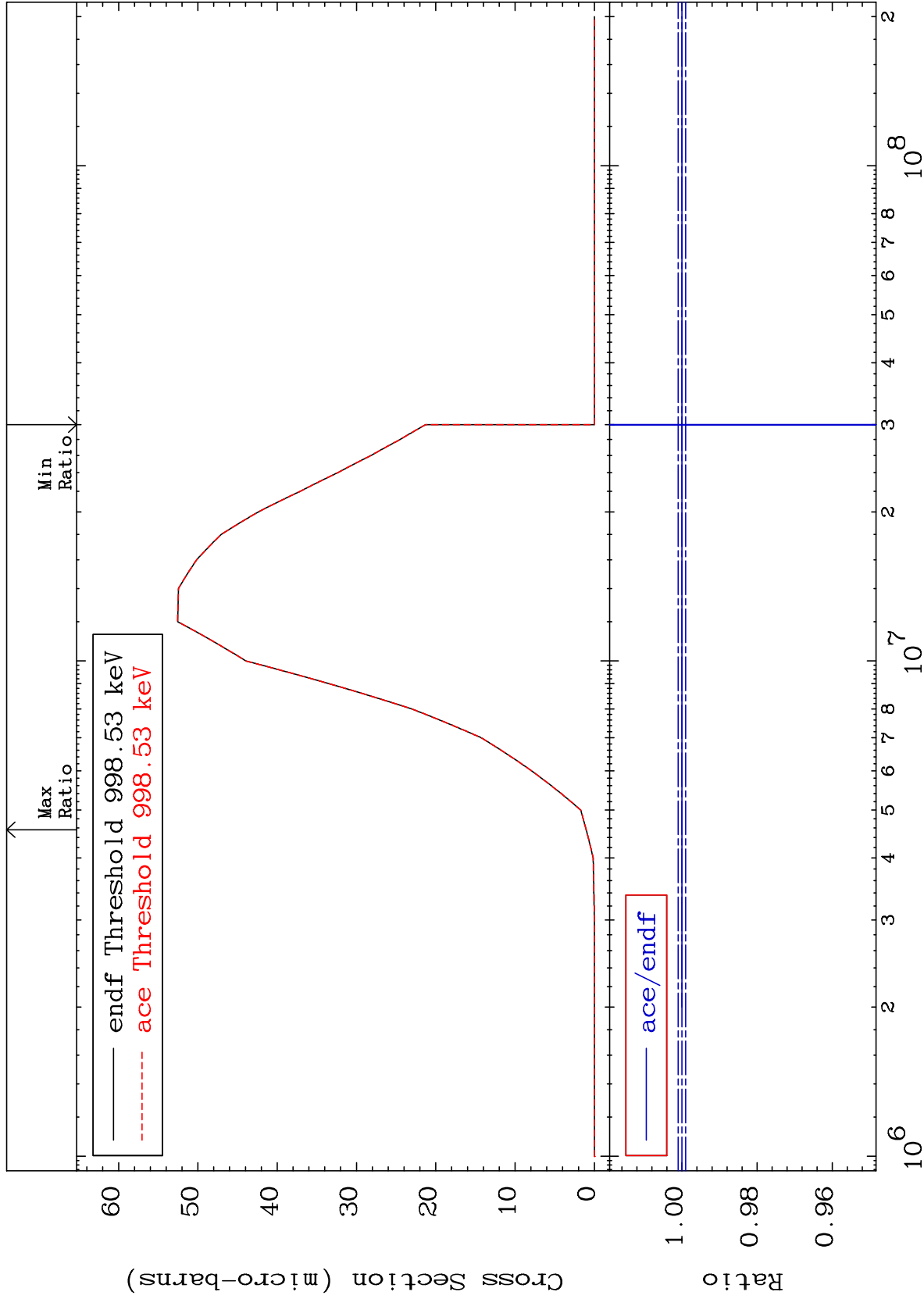
46

53-I -127

MAT 5325

1.077 MeV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



47

Incident Energy (eV)

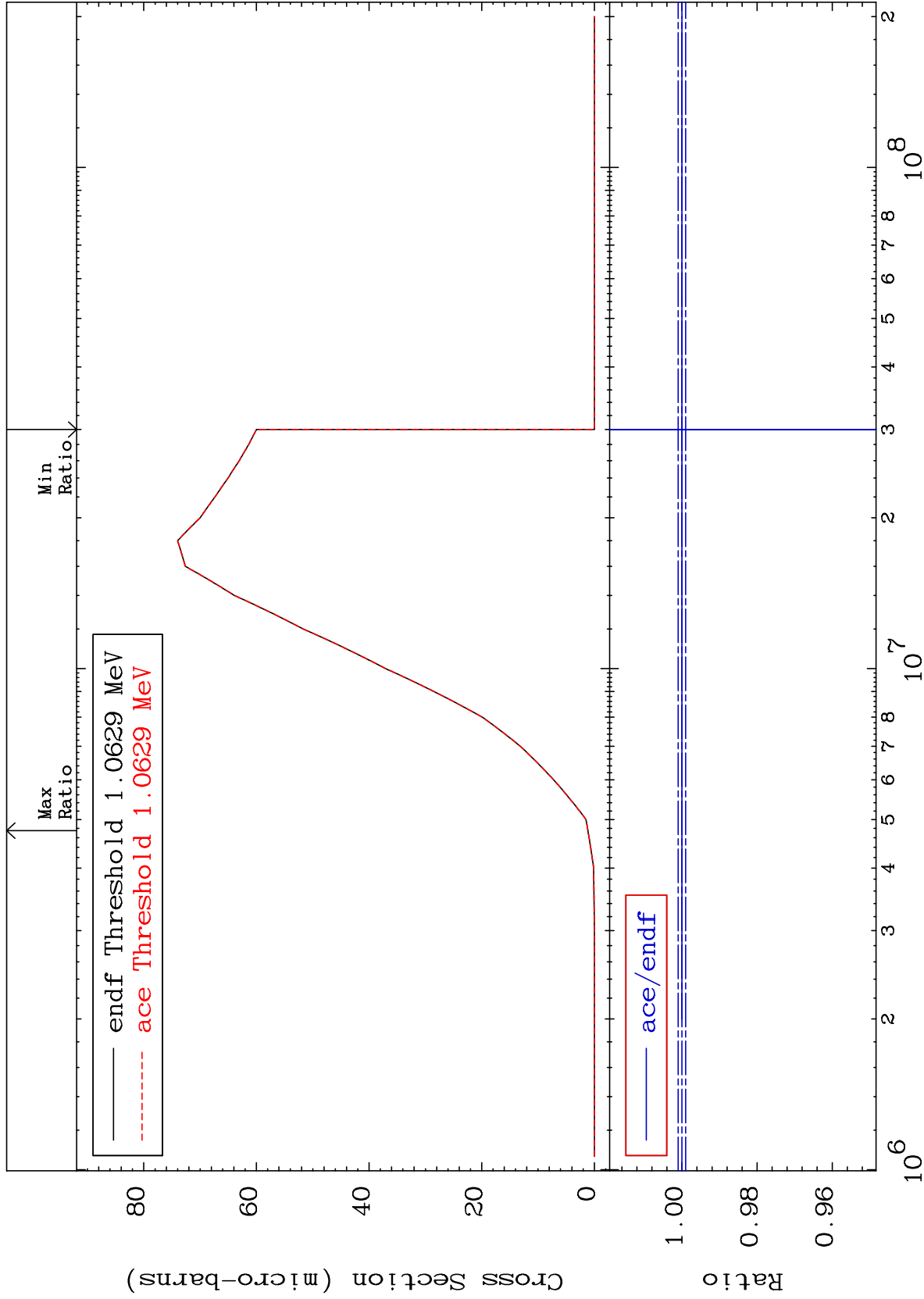
53-I -127



MAT 5325

1.141 MeV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



48

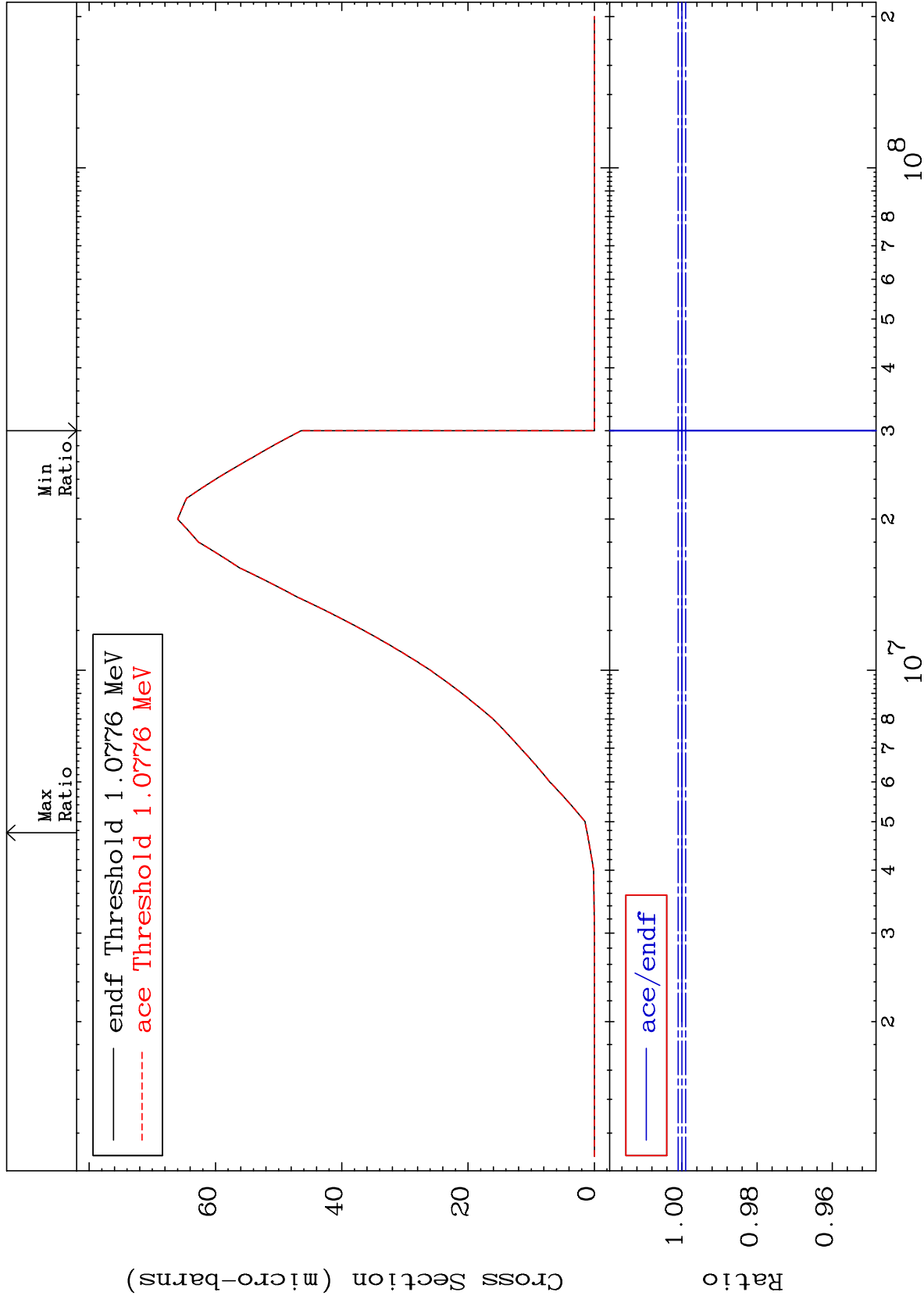
Incident Energy (eV)

53-I -127

MAT 5325

1.155 MeV (n,p') Level  
Cross Section

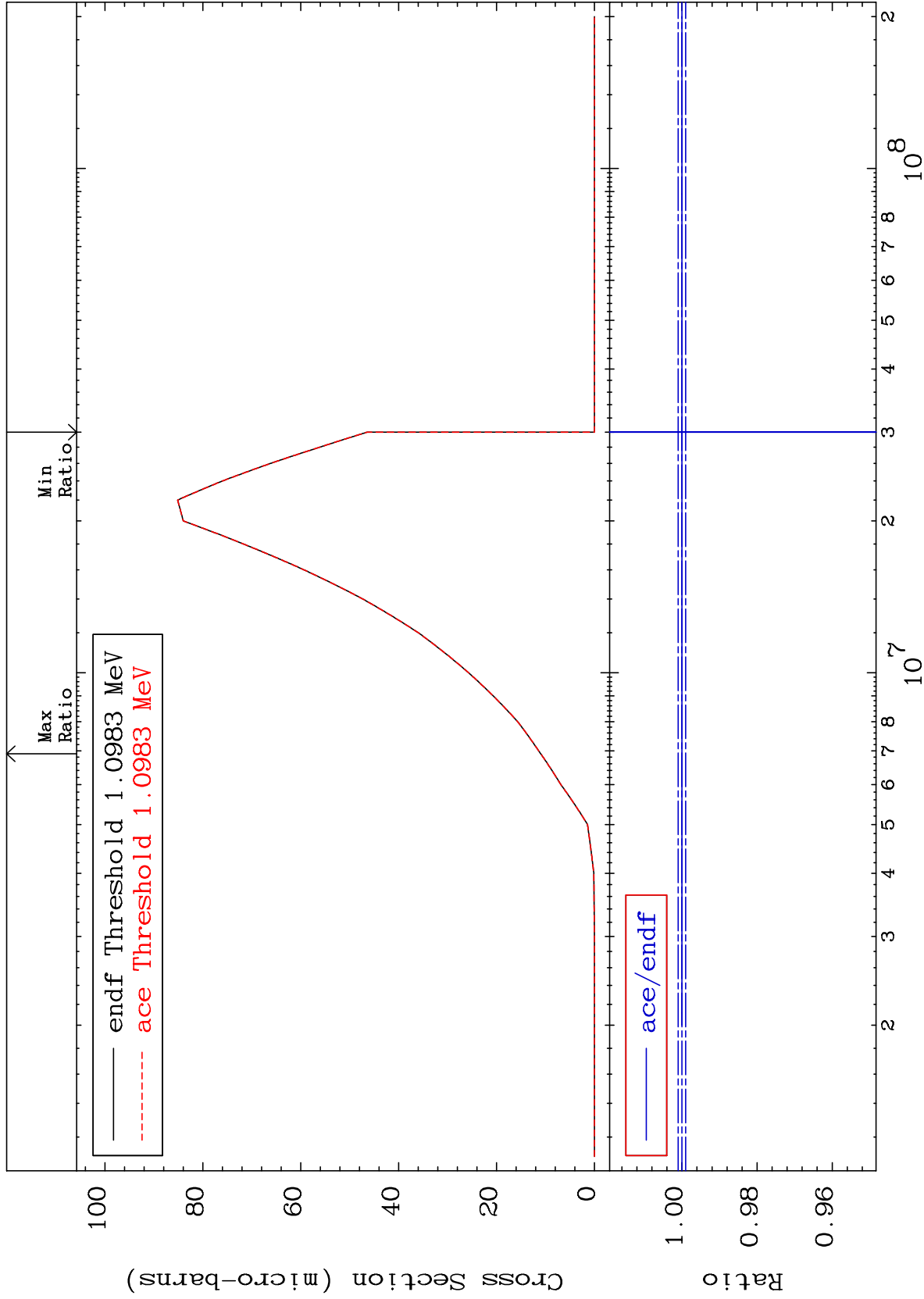
53-I -127  
-50.00 To 0.000 %



MAT 5325

1.176 MeV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



50

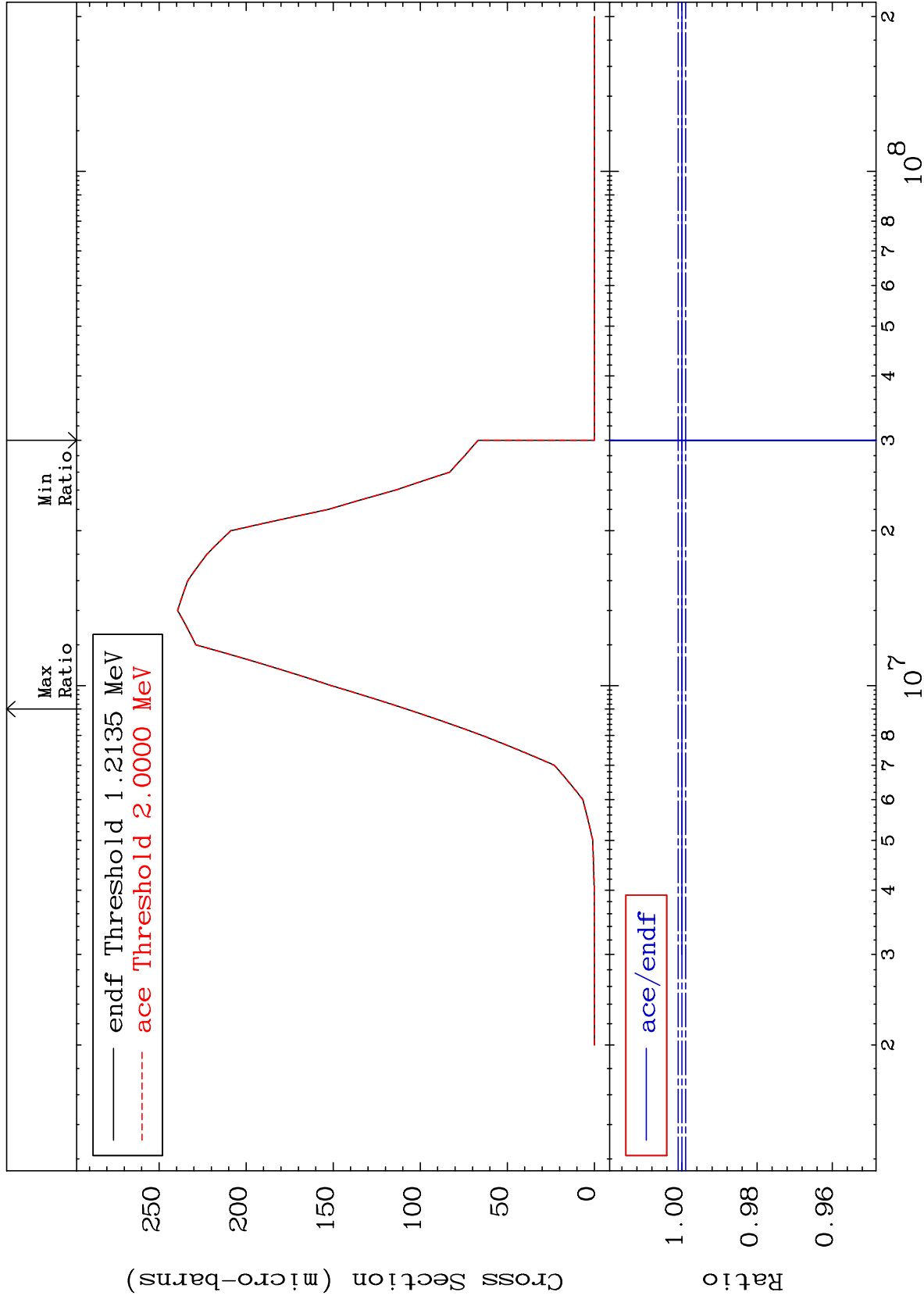
Incident Energy (eV)

53-I -127

MAT 5325

1.290 MeV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



51

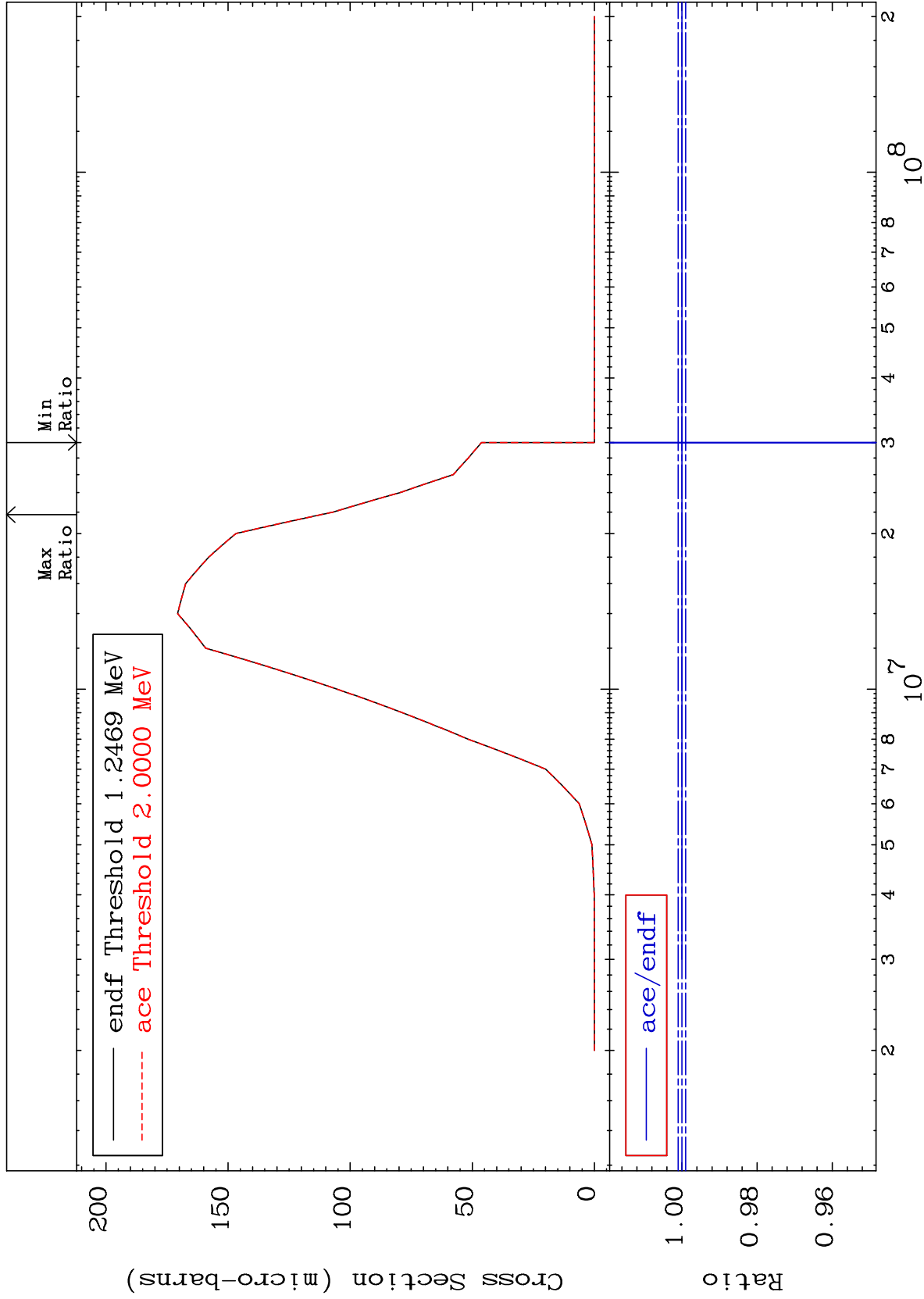
Incident Energy (eV)

53-I -127

MAT 5325

1.323 MeV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



52

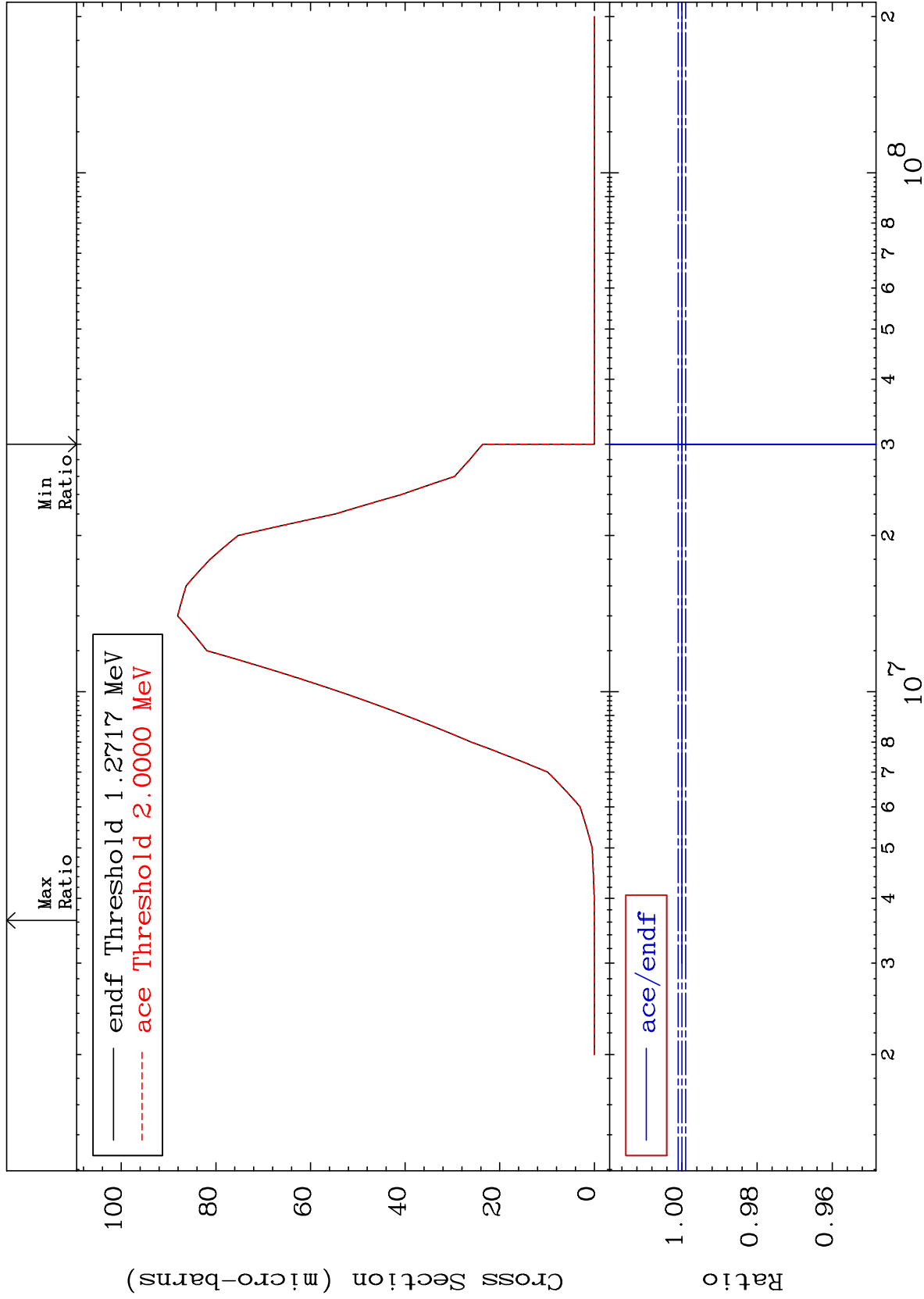
Incident Energy (eV)

53-I -127

MAT 5325

1.348 MeV (n,p') Level  
Cross Section

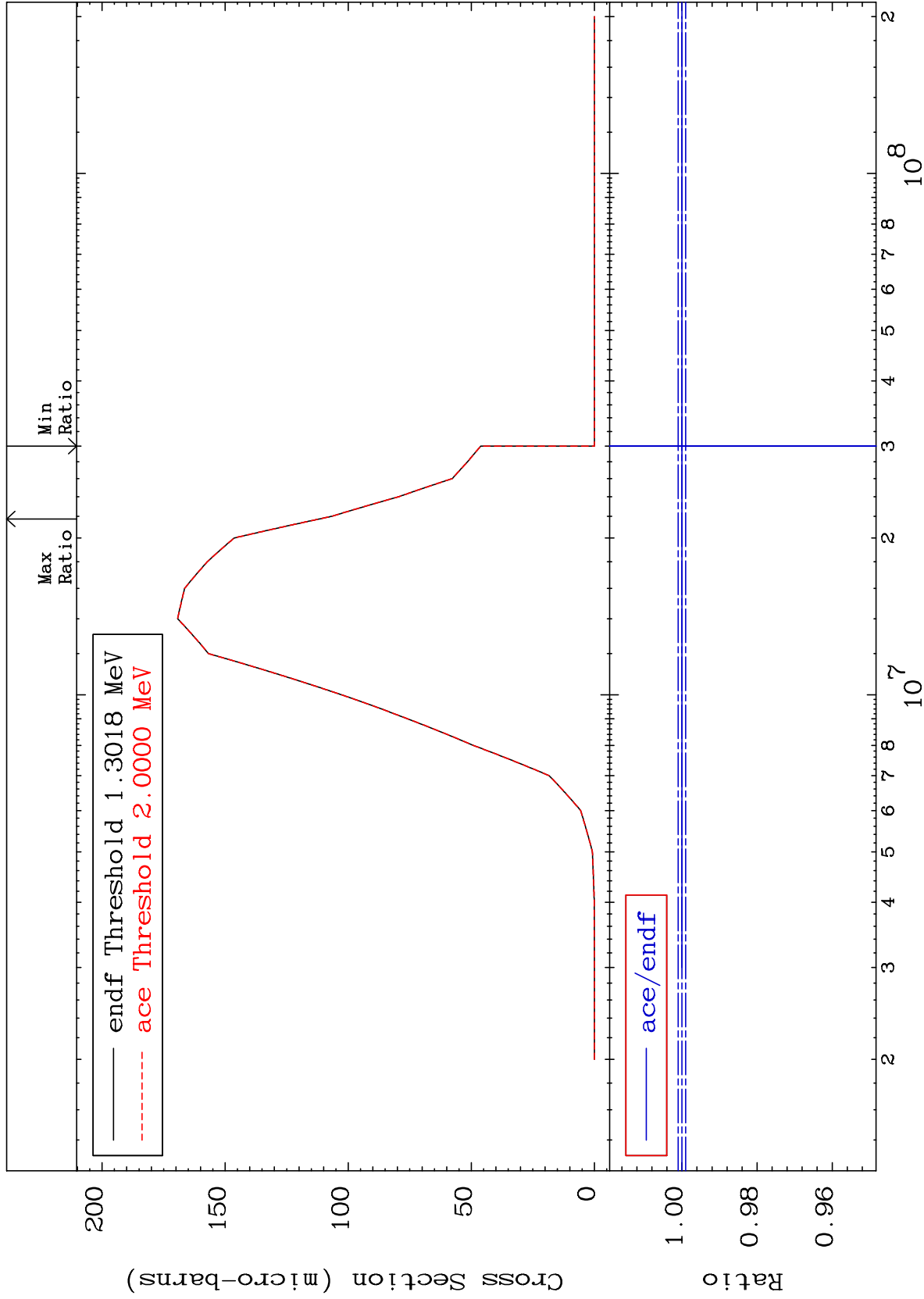
53-I -127  
-50.00 To 0.000 %



MAT 5325

1.378 MeV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %



54

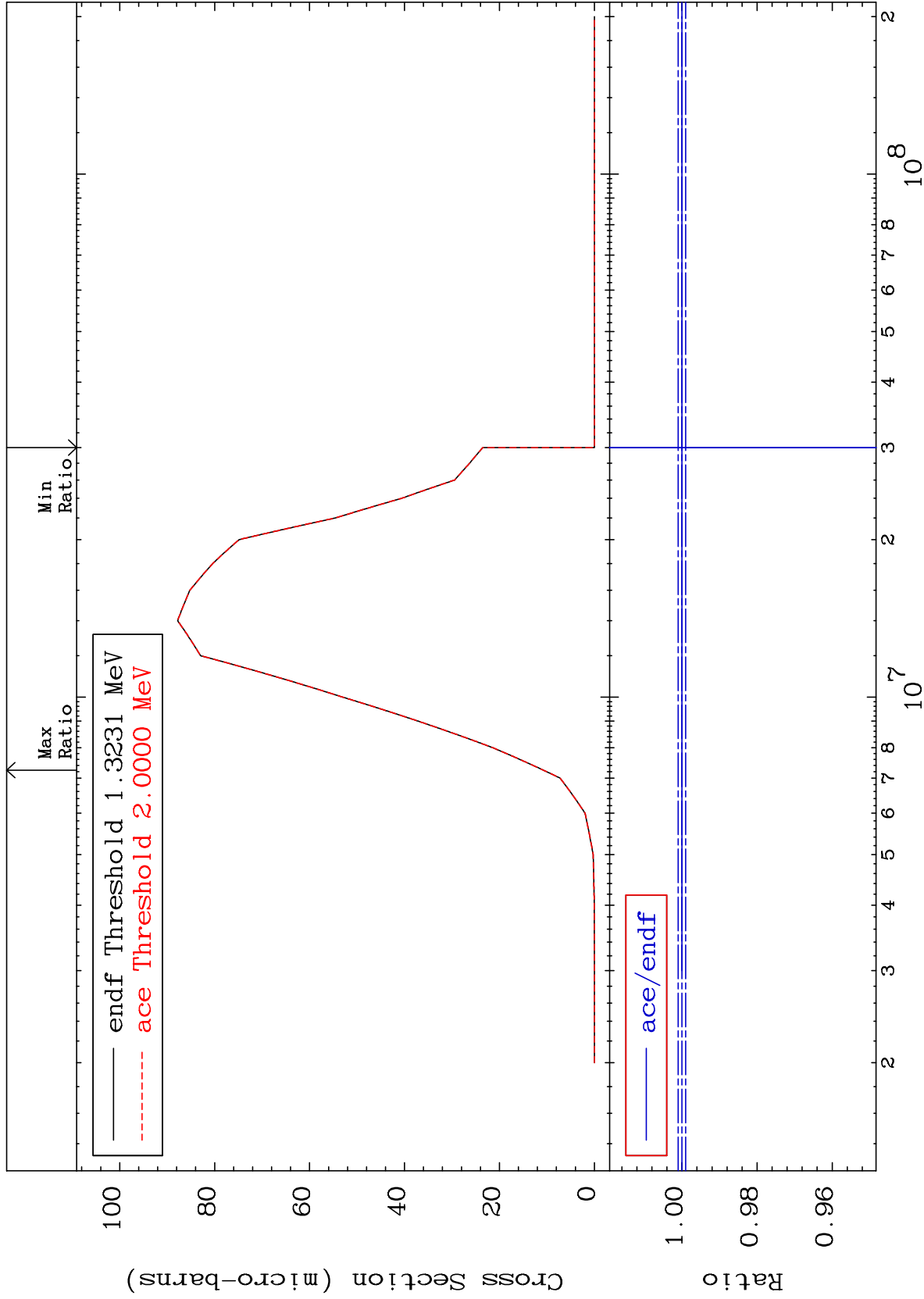
Incident Energy (eV)

53-I -127

MAT 5325

1.399 MeV (n,p') Level  
Cross Section

53-I -127  
-50.00 To 0.000 %

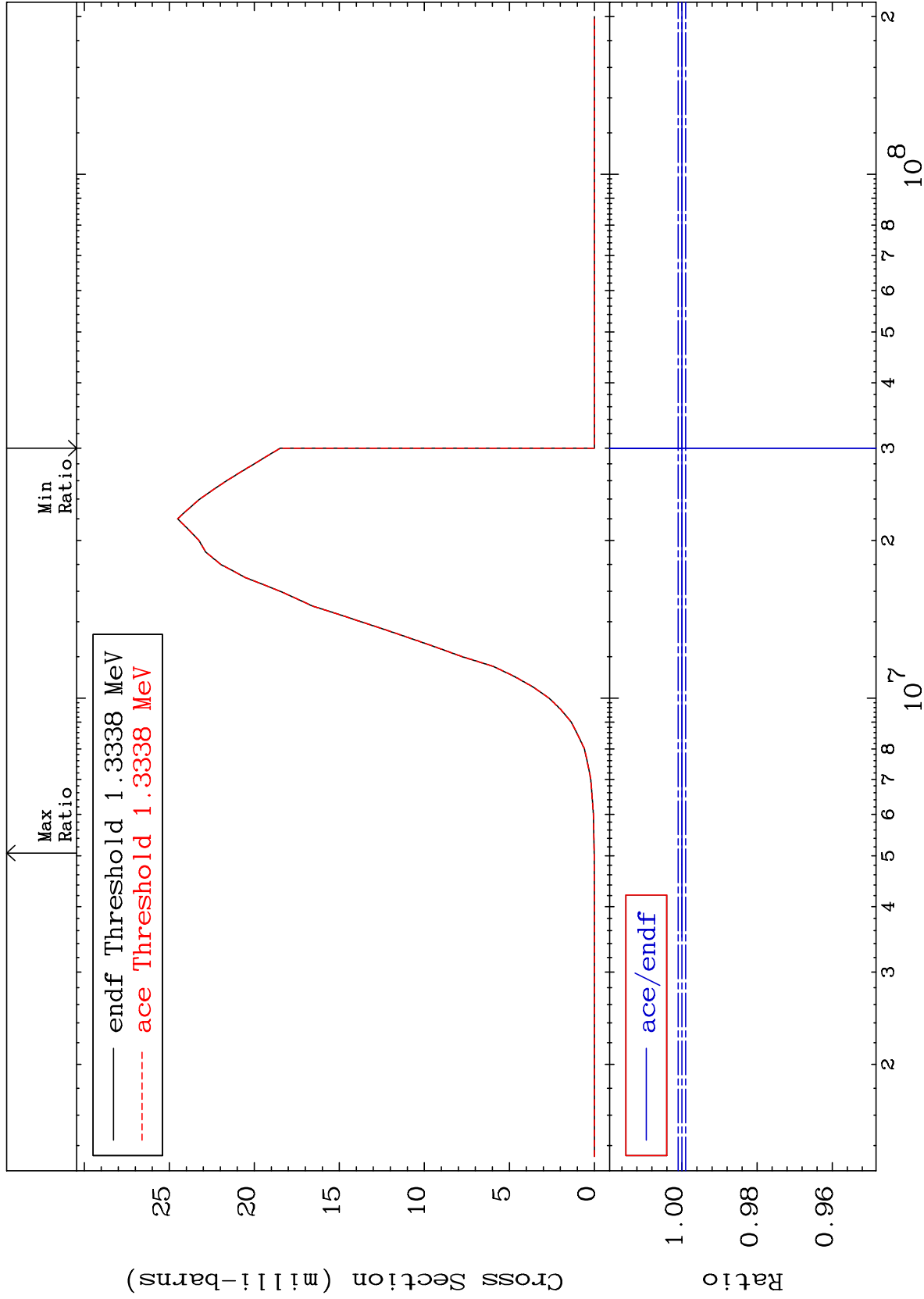




MAT 5325

1.410 MeV (n,p') Level  
Cross Section

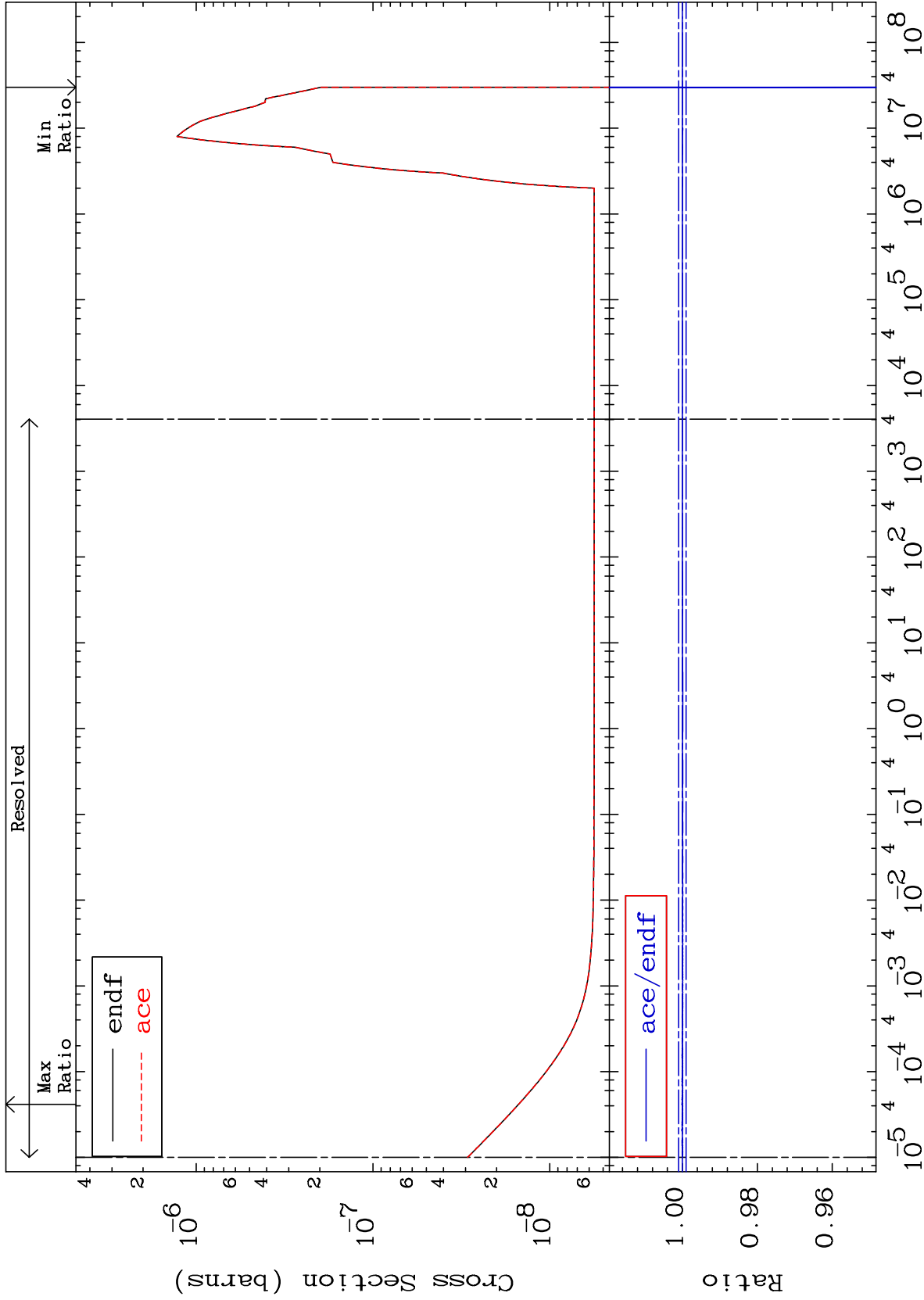
53-I -127  
-50.00 To 0.000 %



MAT 5325

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

53-I -127  
-50.00 To 0.017 %



57

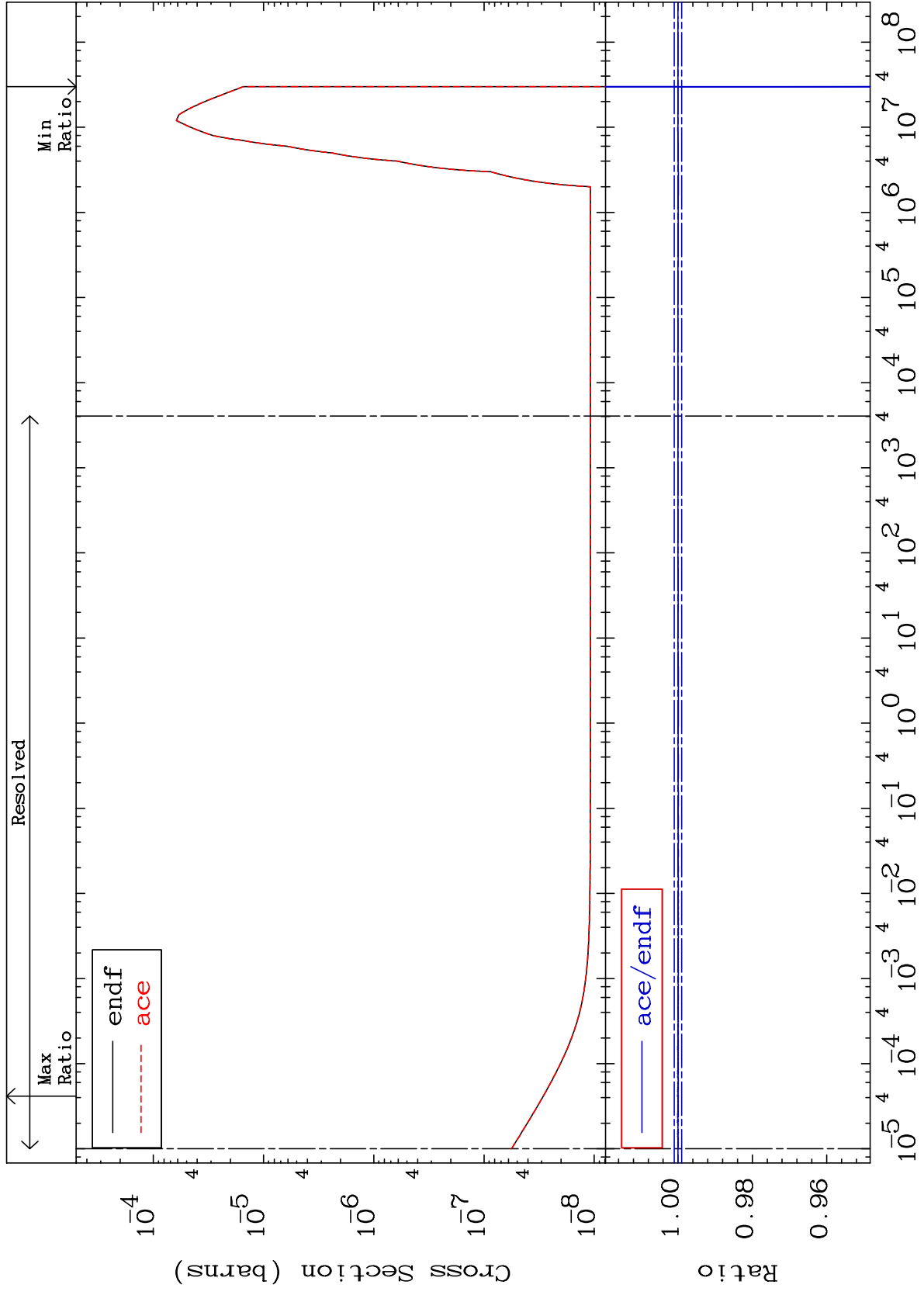
Incident Energy (eV)

53-I -127

MAT 5325

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

53-I -127  
-50.00 To 0.017 %



MAT 5325

601.0 keV (n,α') Level  
Cross Section

53-I -127  
-50.00 To 0.017 %

