

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)

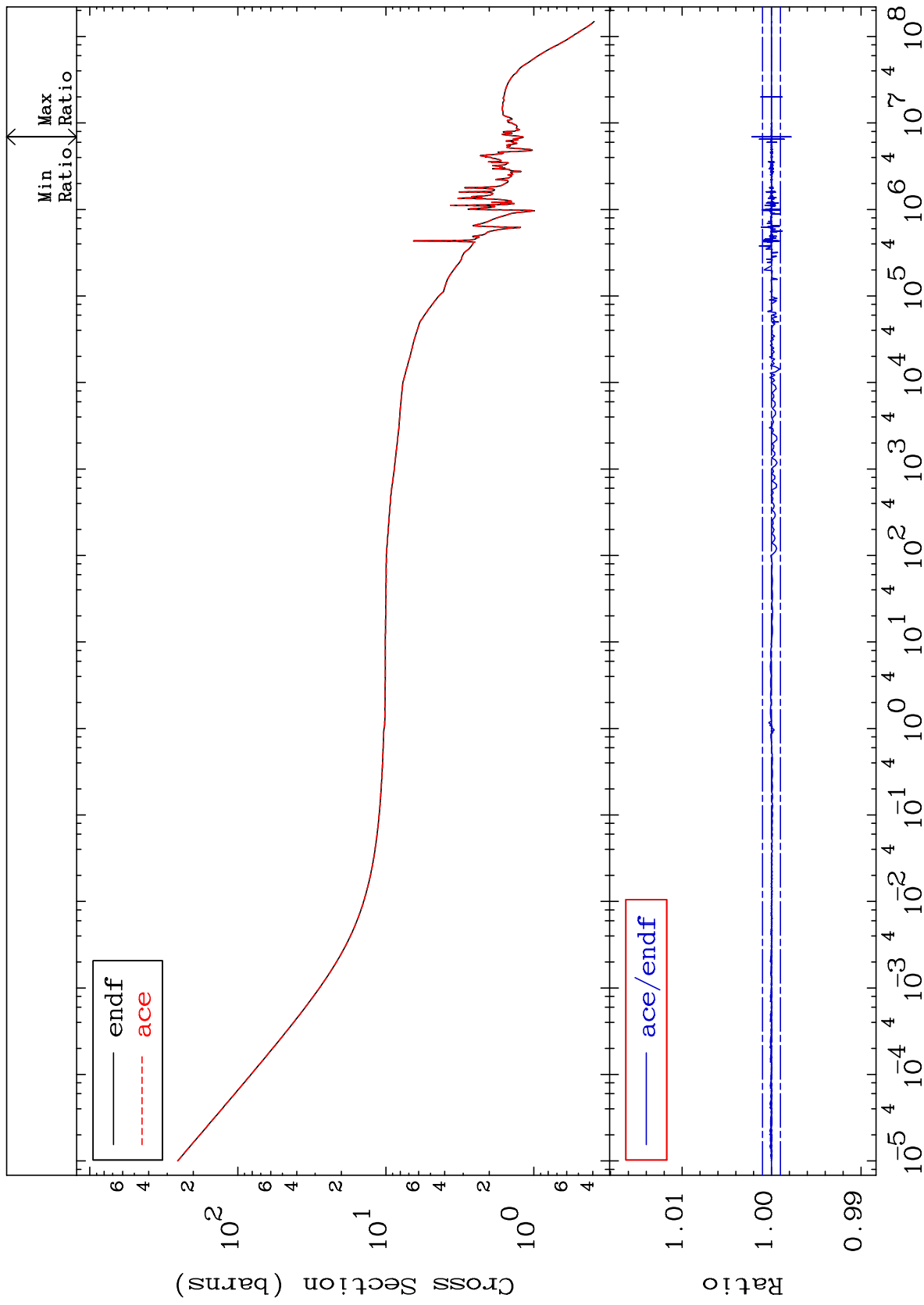
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 725

Total  
Cross Section

7-N -14  
-0.218 To 0.221 %



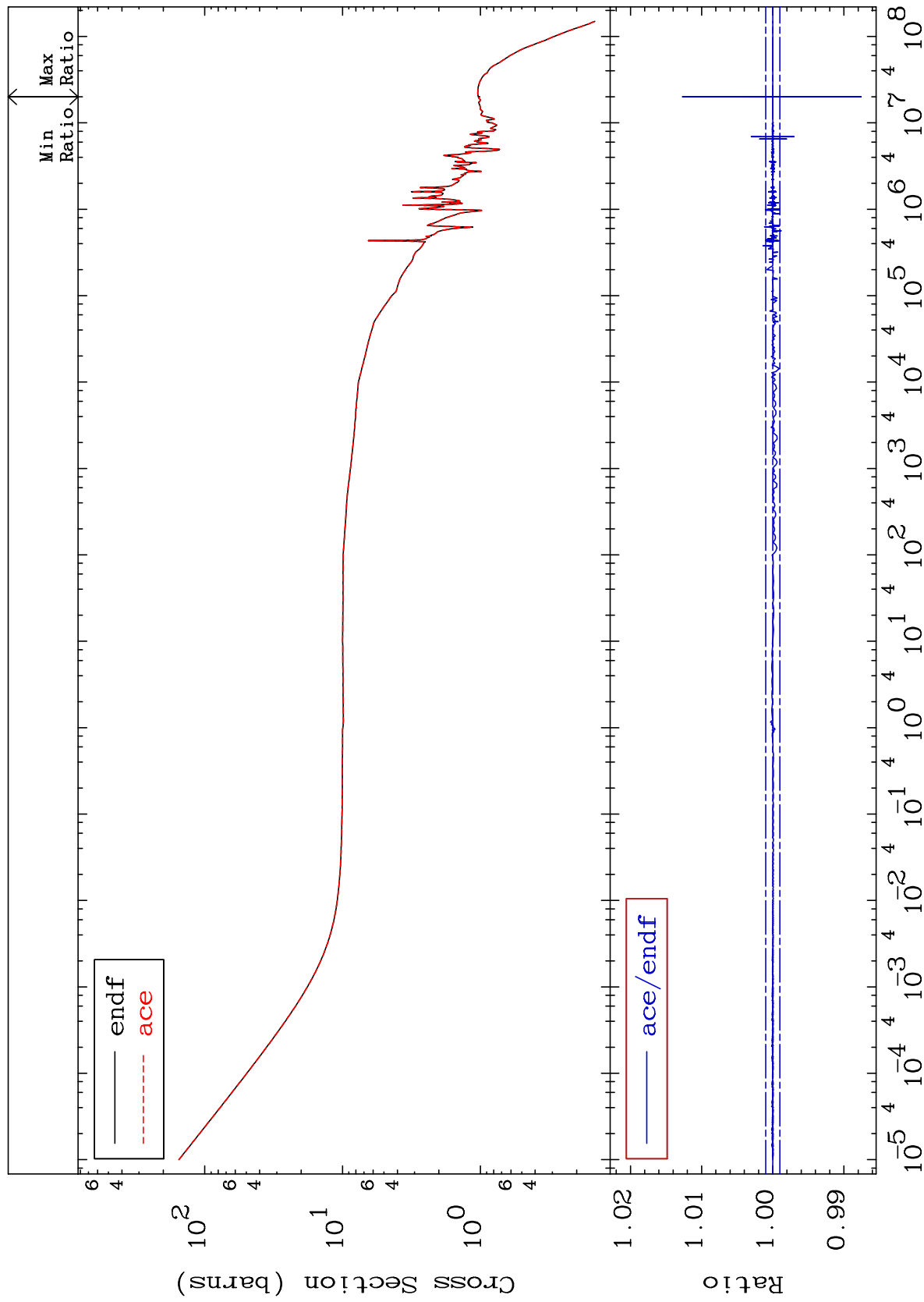
Incident Energy (eV)

7-N -14

MAT 725

### Elastic Cross Section

7-N -14  
-1.239 To 1.271 %



2

Incident Energy (eV)

7-N -14

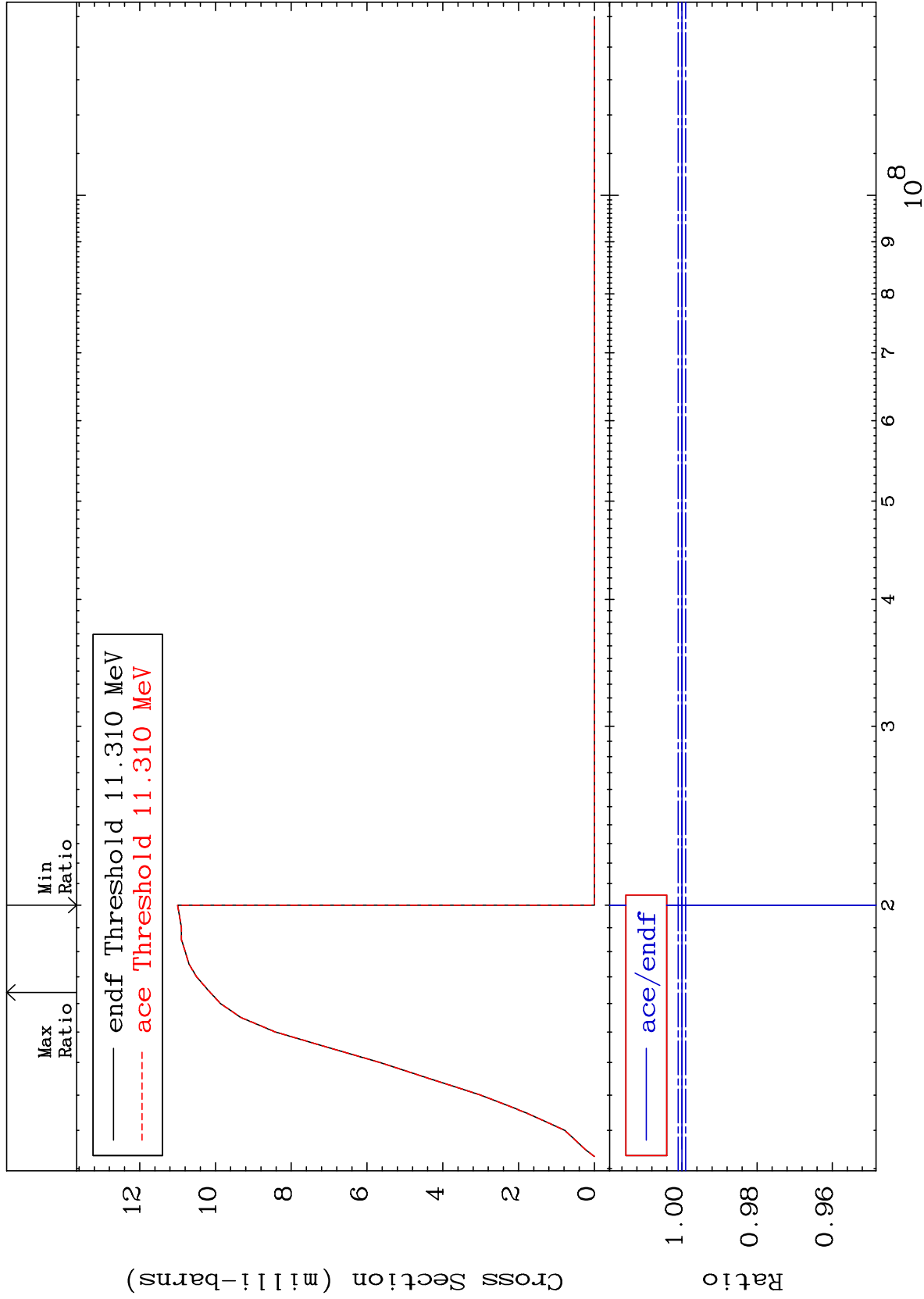
MAT 725

(n,2n)

7-N -14

Cross Section

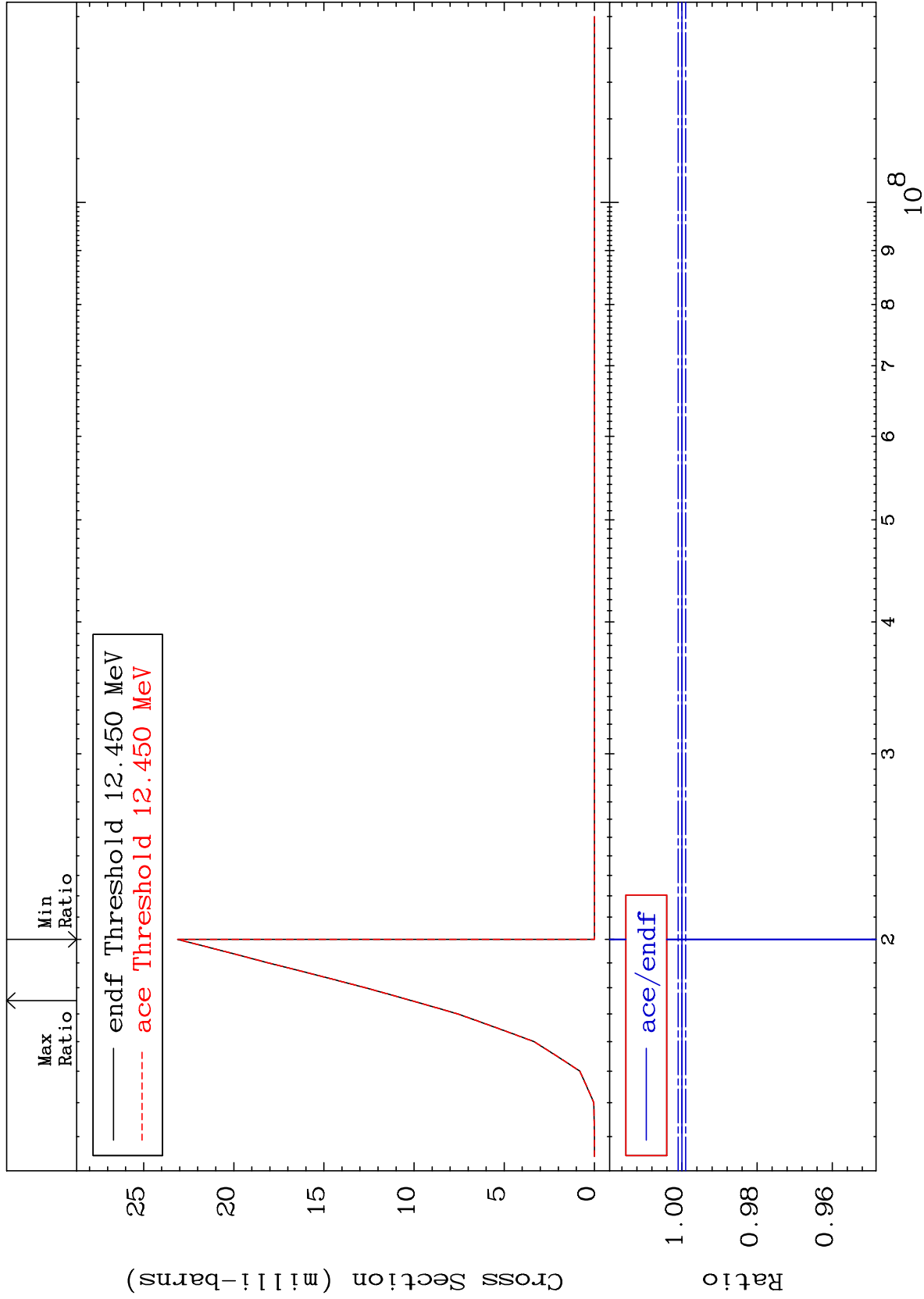
-50.00 To 0.000 %



MAT 725

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

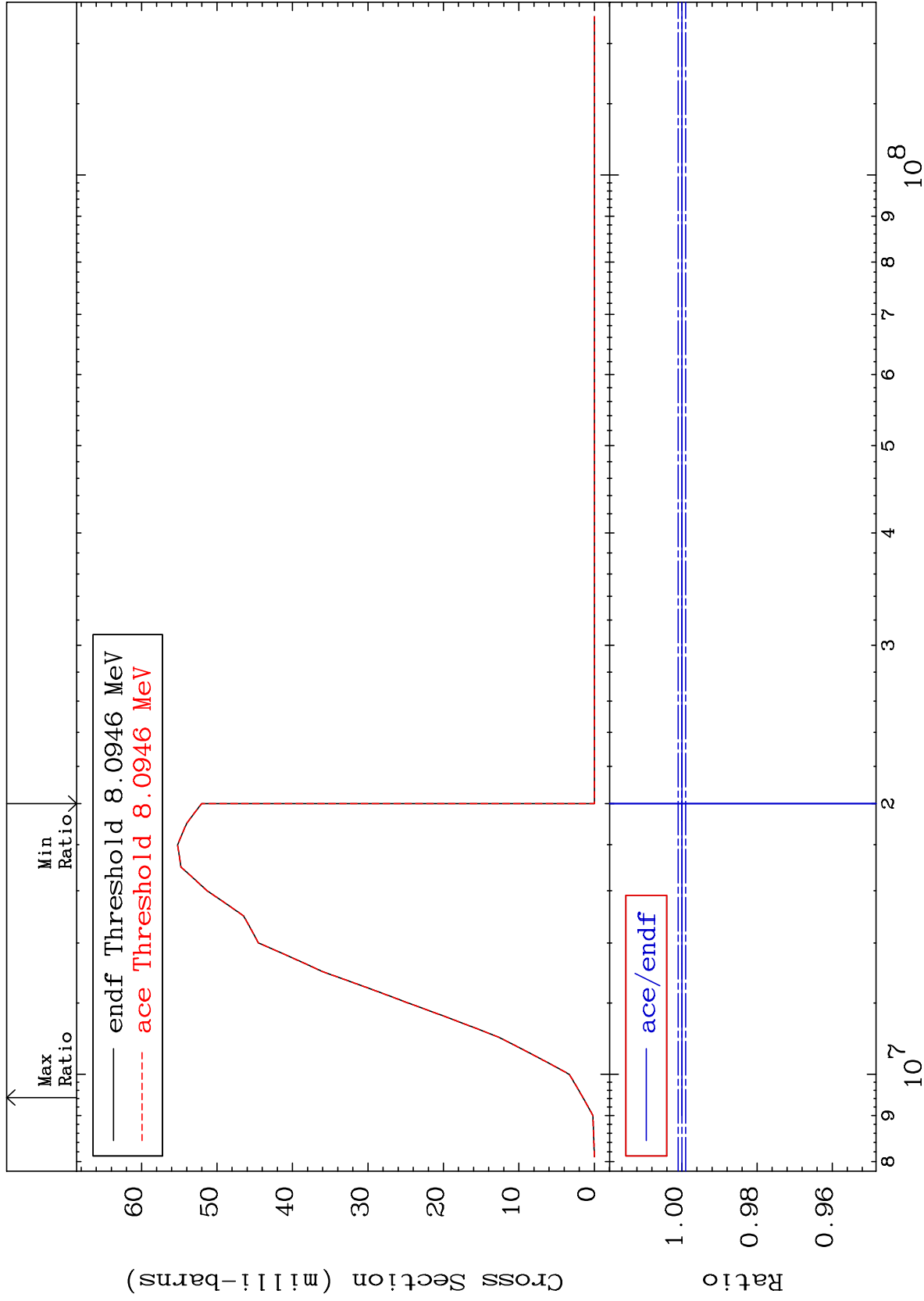
7-N -14  
-50.00 To 0.000 %



MAT 725

(n, n') p  
Cross Section

7-N -14  
-50.00 To 0.000 %



5

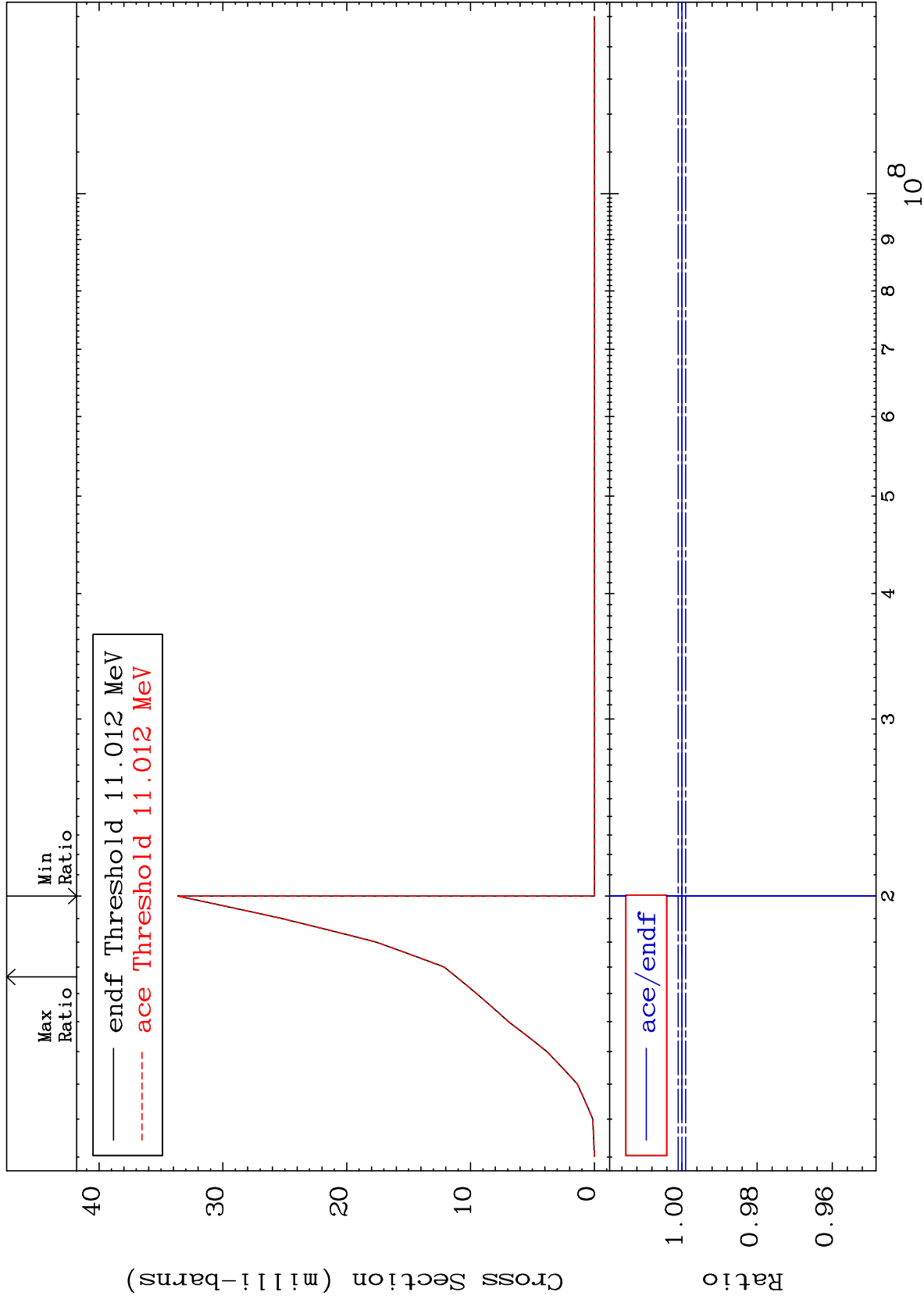
Incident Energy (eV)

7-N -14

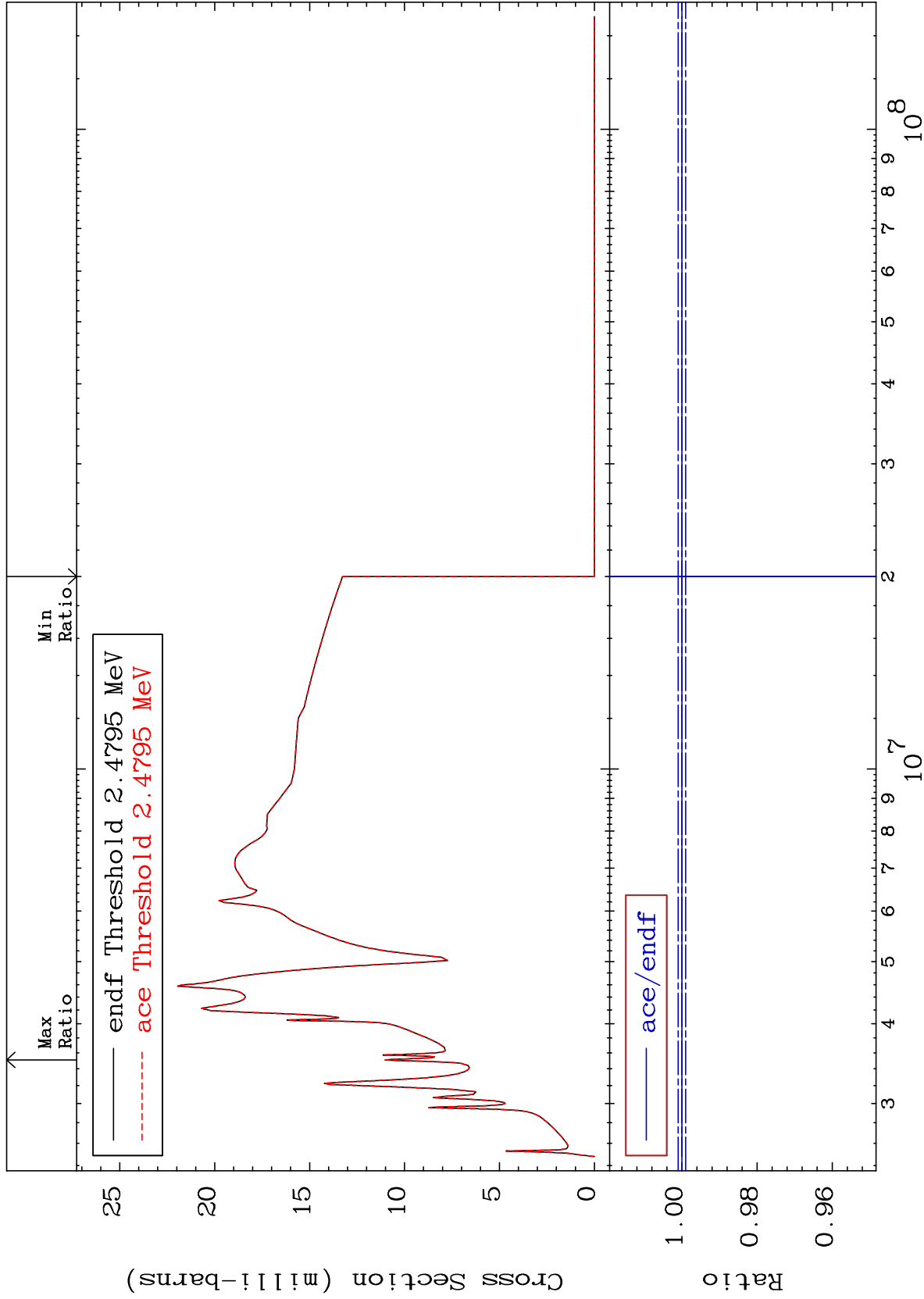
MAT 725

(n, n') d  
Cross Section

7-N -14  
-50.00 To 0.000 %



MAT 725      2.313 MeV (n,n') Level      7-N -14  
Cross Section      -50.00 To 0.000 %



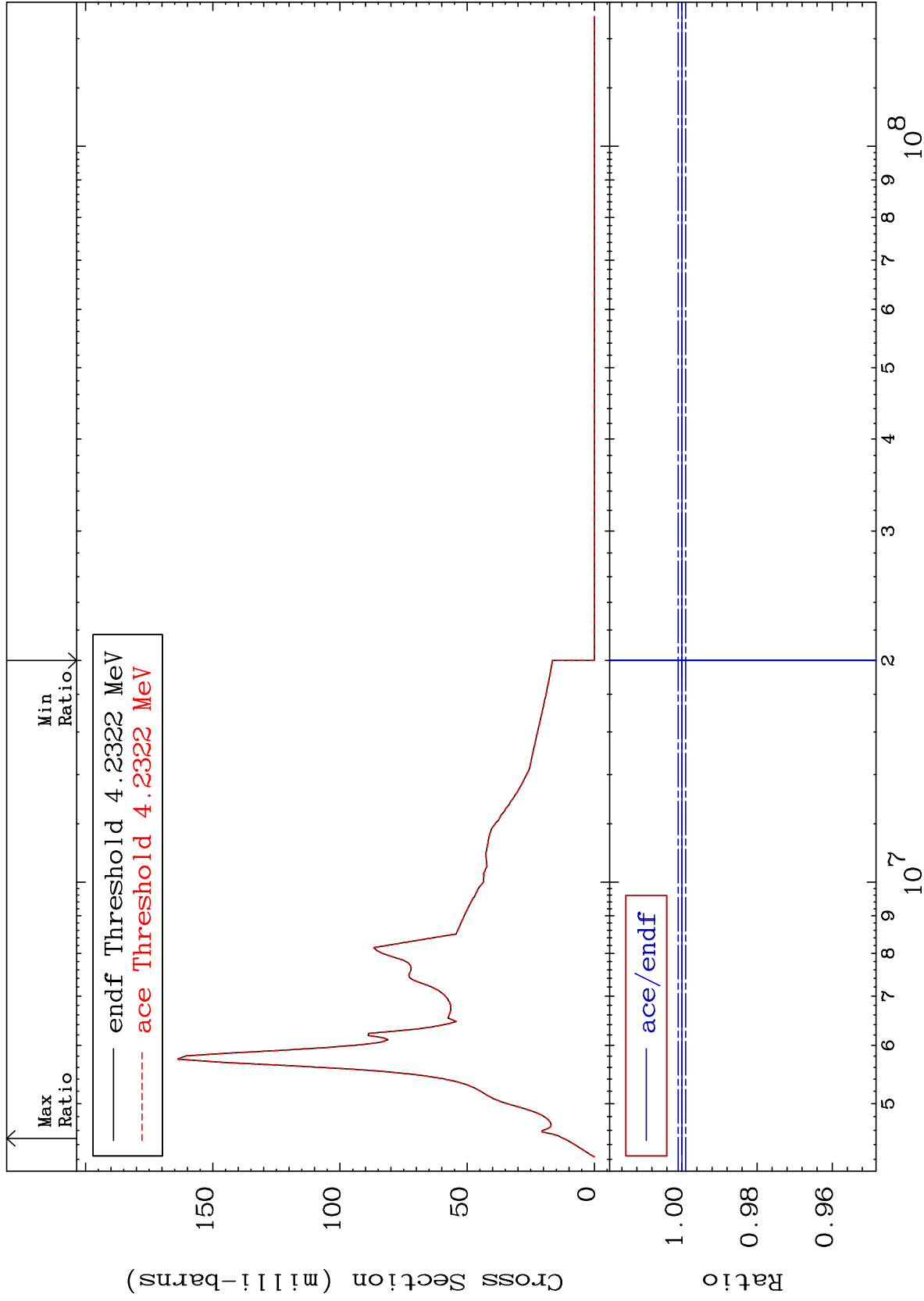
7      Incident Energy (eV)      7-N -14



MAT 725

3.948 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



8

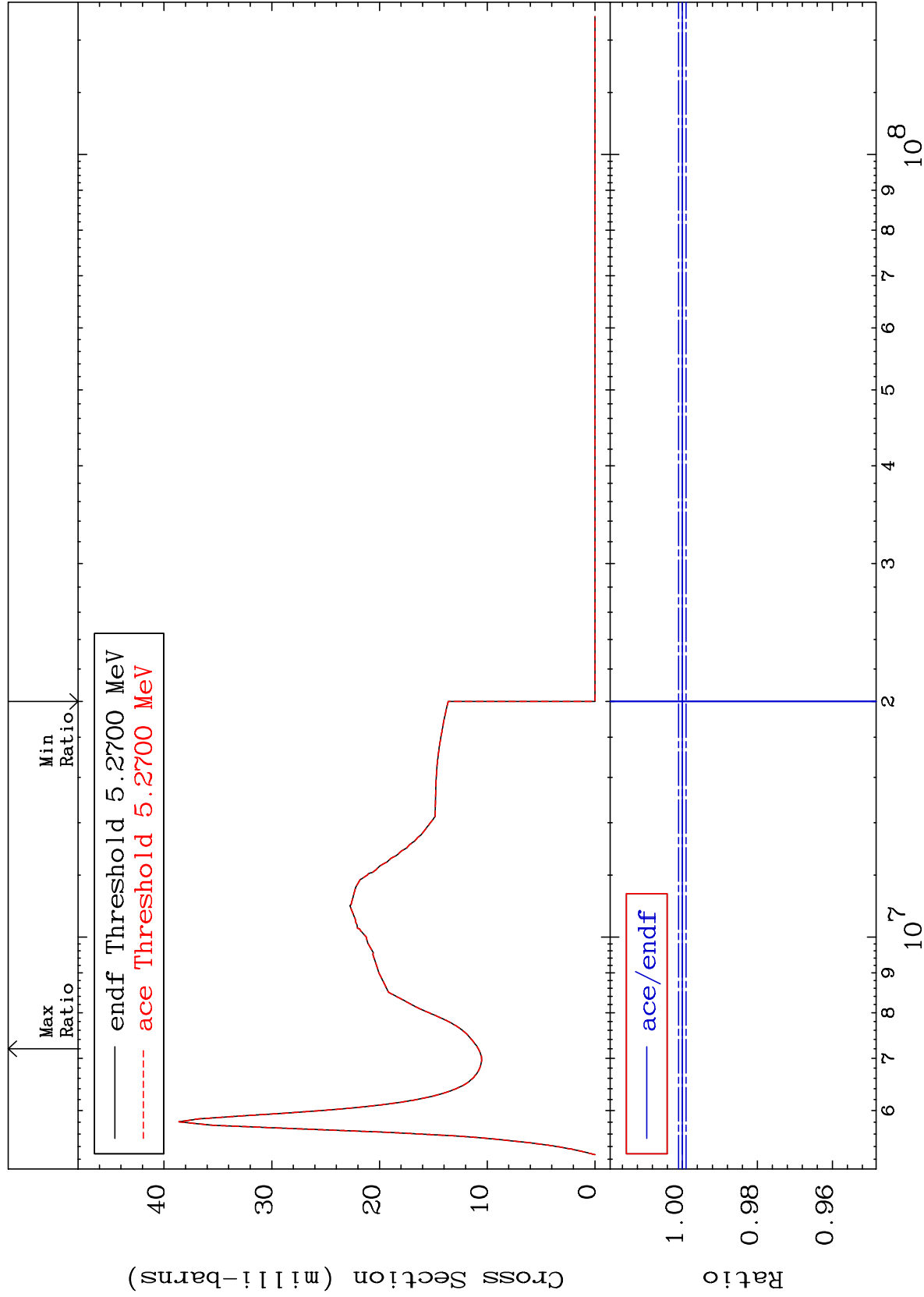
Incident Energy (eV)

7-N -14

MAT 725

4.916 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %

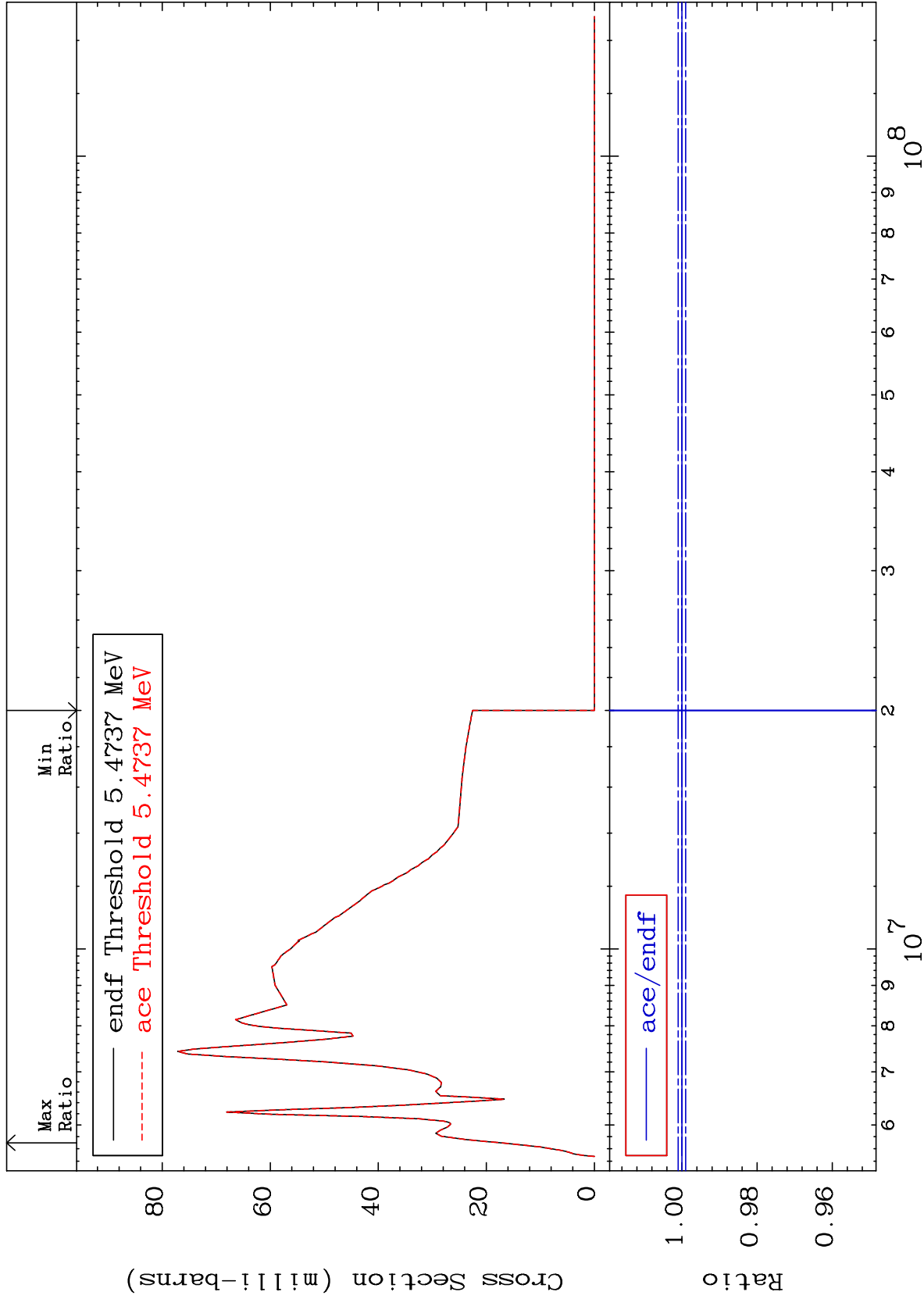


9

Incident Energy (eV)

7-N -14

MAT 725 5.106 MeV (n,n') Level -50.00 To 0.000 %  
Cross Section 7-N -14

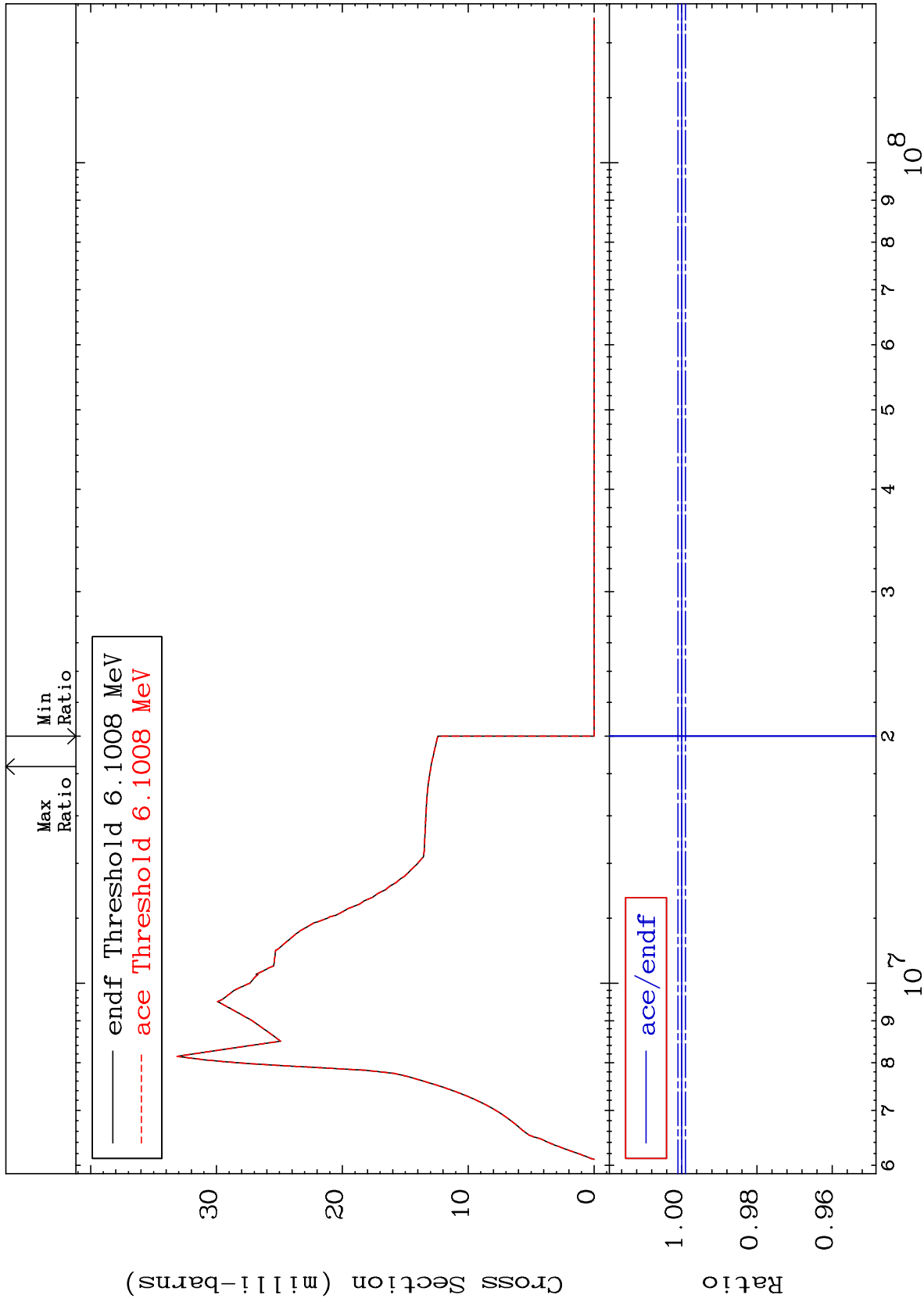


7-N -14

MAT 725

5.691 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %

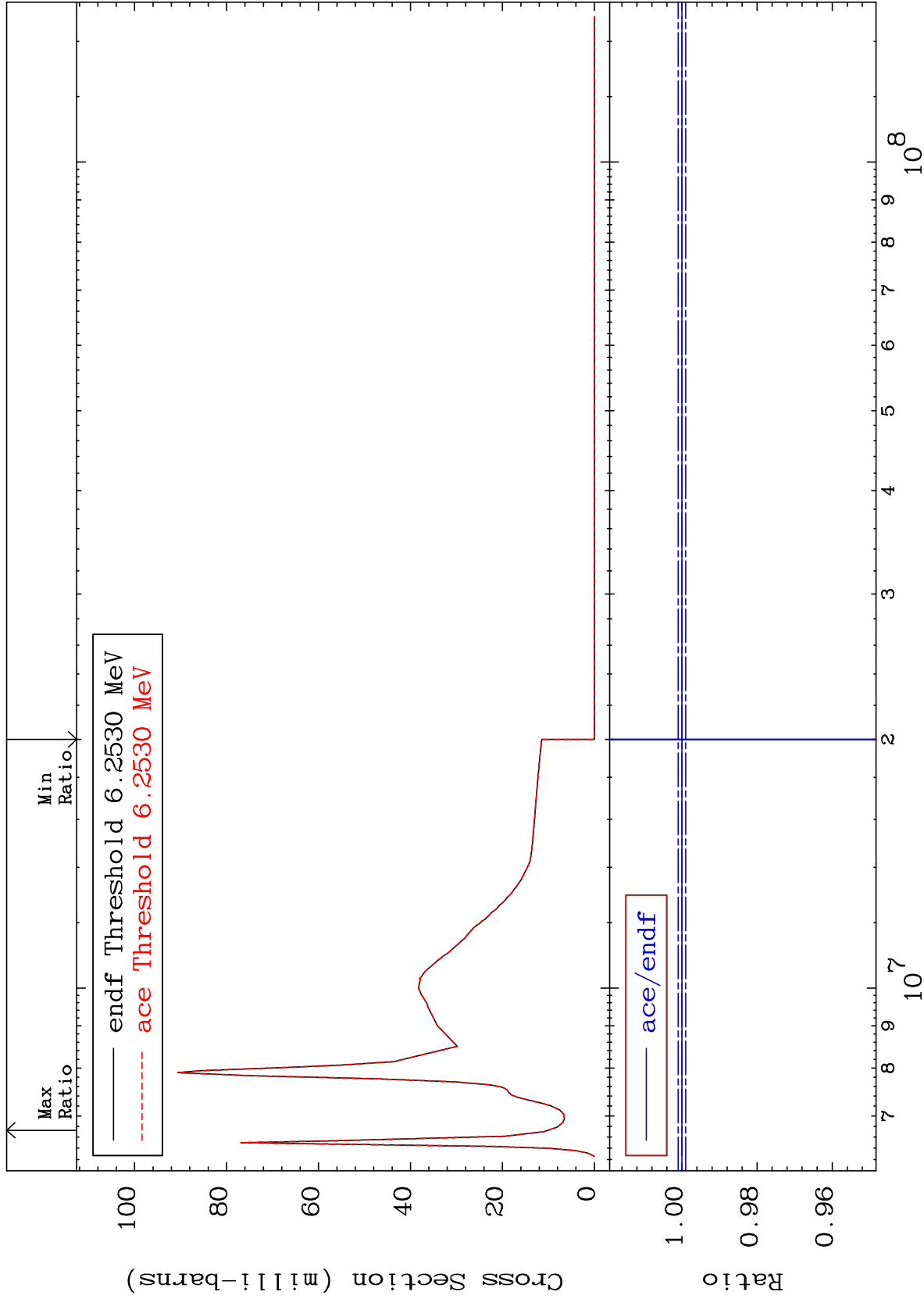


11

Incident Energy (eV)

7-N -14

MAT 725 5.833 MeV (n,n') Level -50.00 To 0.000 % 7-N -14  
Cross Section

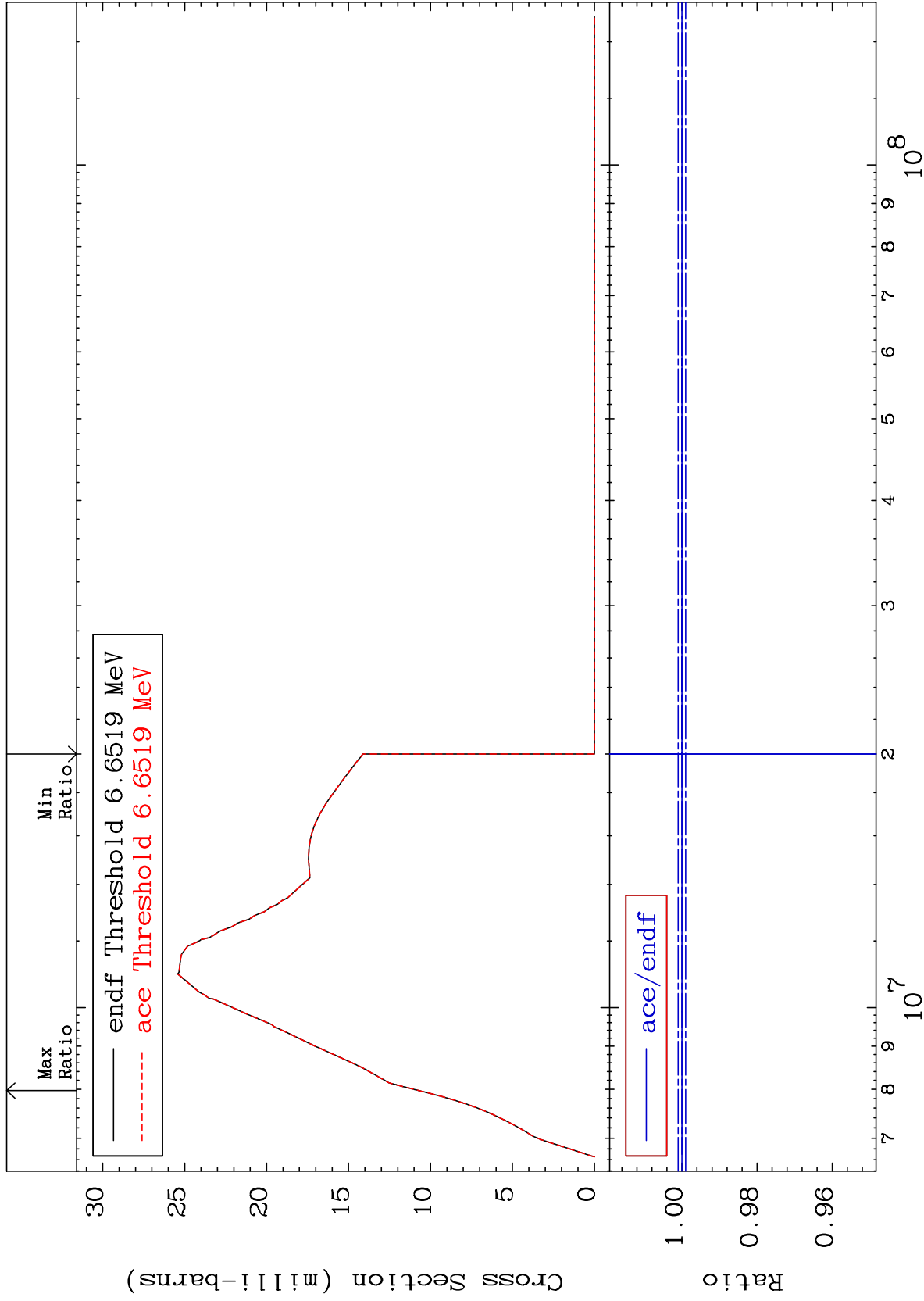


12 7-N -14

MAT 725

6.205 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %

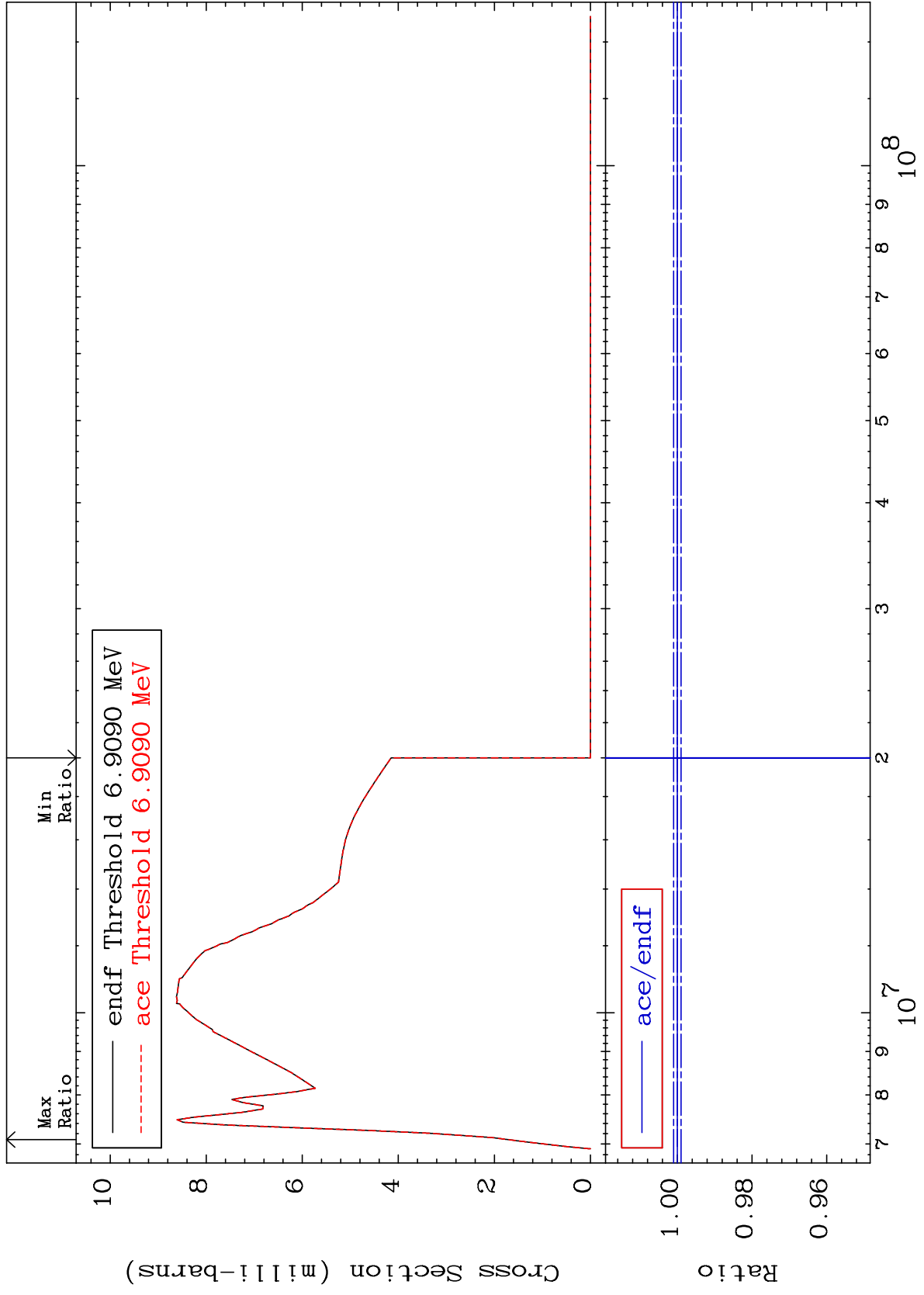


13

Incident Energy (eV)

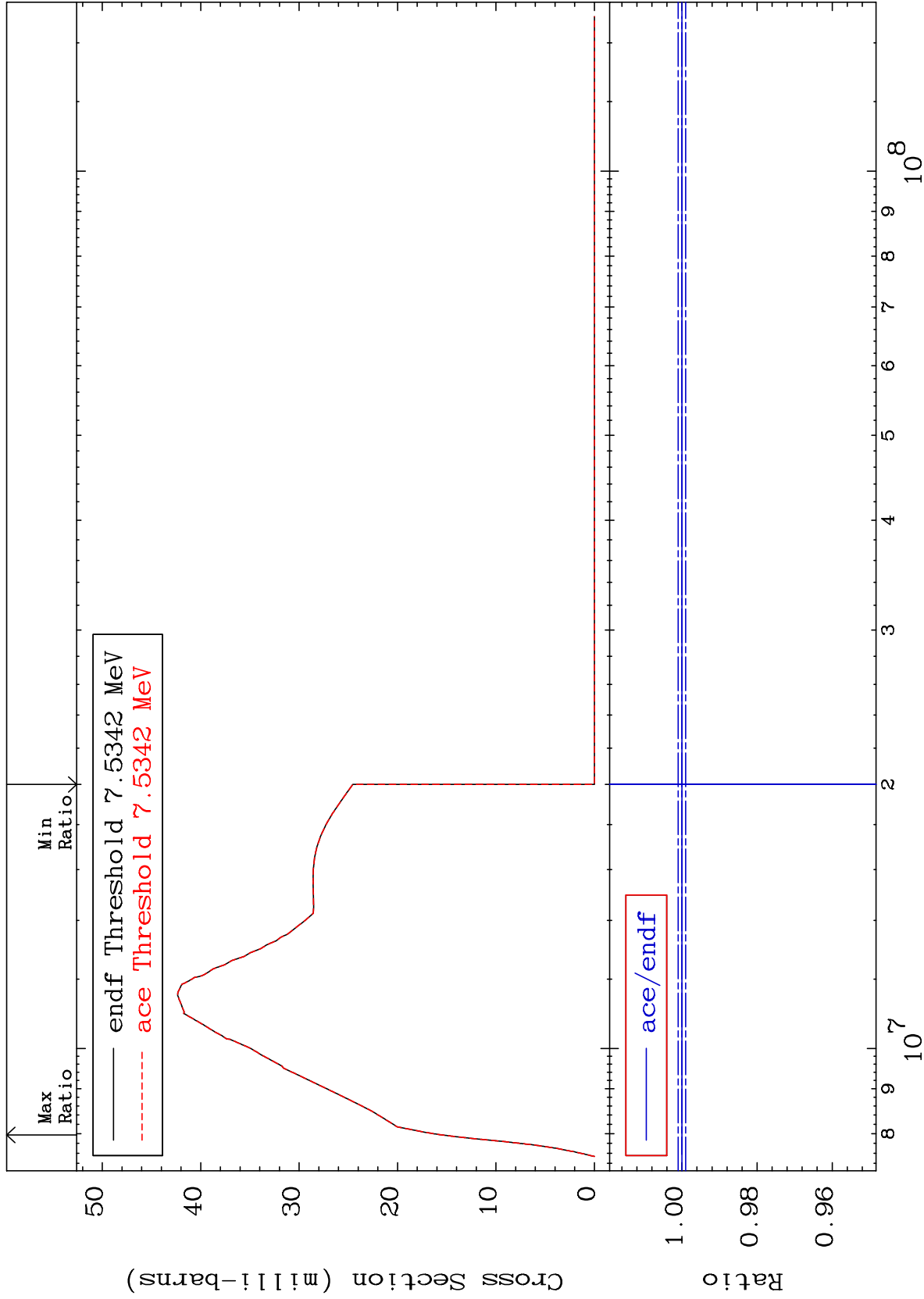
7-N -14

MAT 725 6.445 MeV (n,n') Level -50.00 To 0.000 % 7-N -14  
Cross Section



14 7-N -14

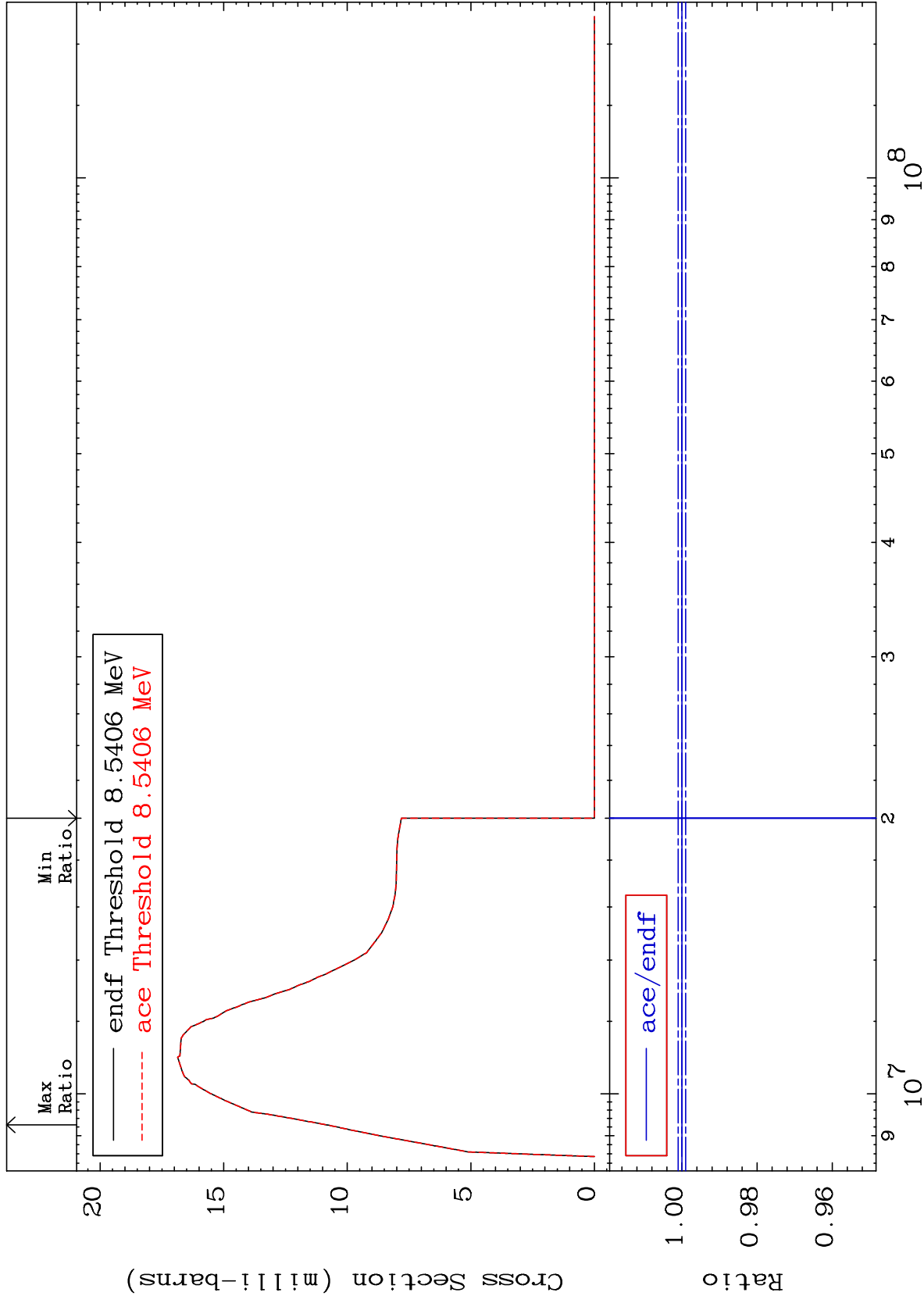
MAT 725 7.028 MeV (n,n') Level -50.00 To 0.000 %  
Cross Section 7-N -14



15 7-N -14



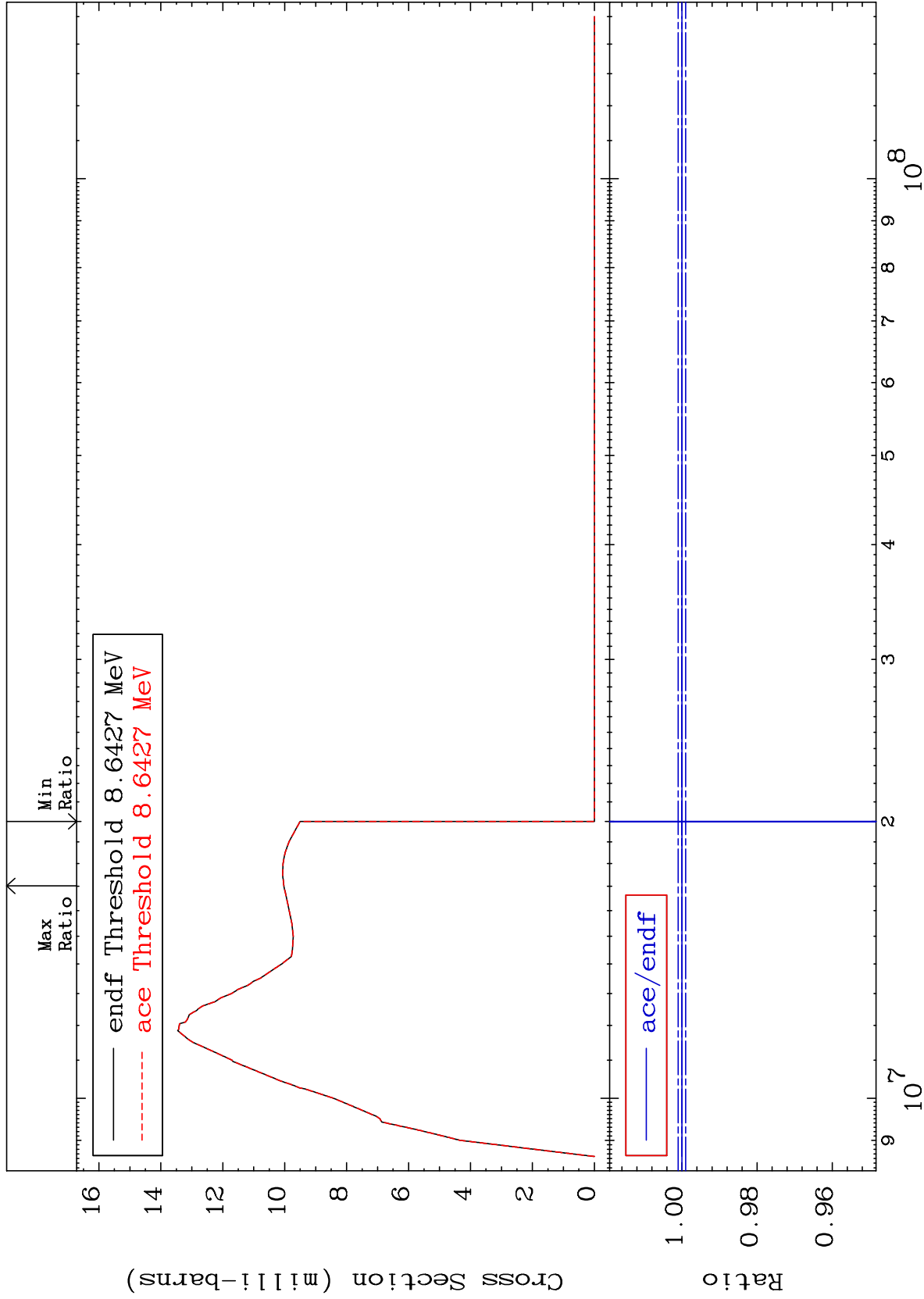
MAT 725 7.967 MeV (n,n') Level  
Cross Section 7-N -14  
-50.00 To 0.000 %



7-N -14

16

MAT 725 8.062 MeV (n,n') Level 7-N -14  
Cross Section -50.00 To 0.000 %

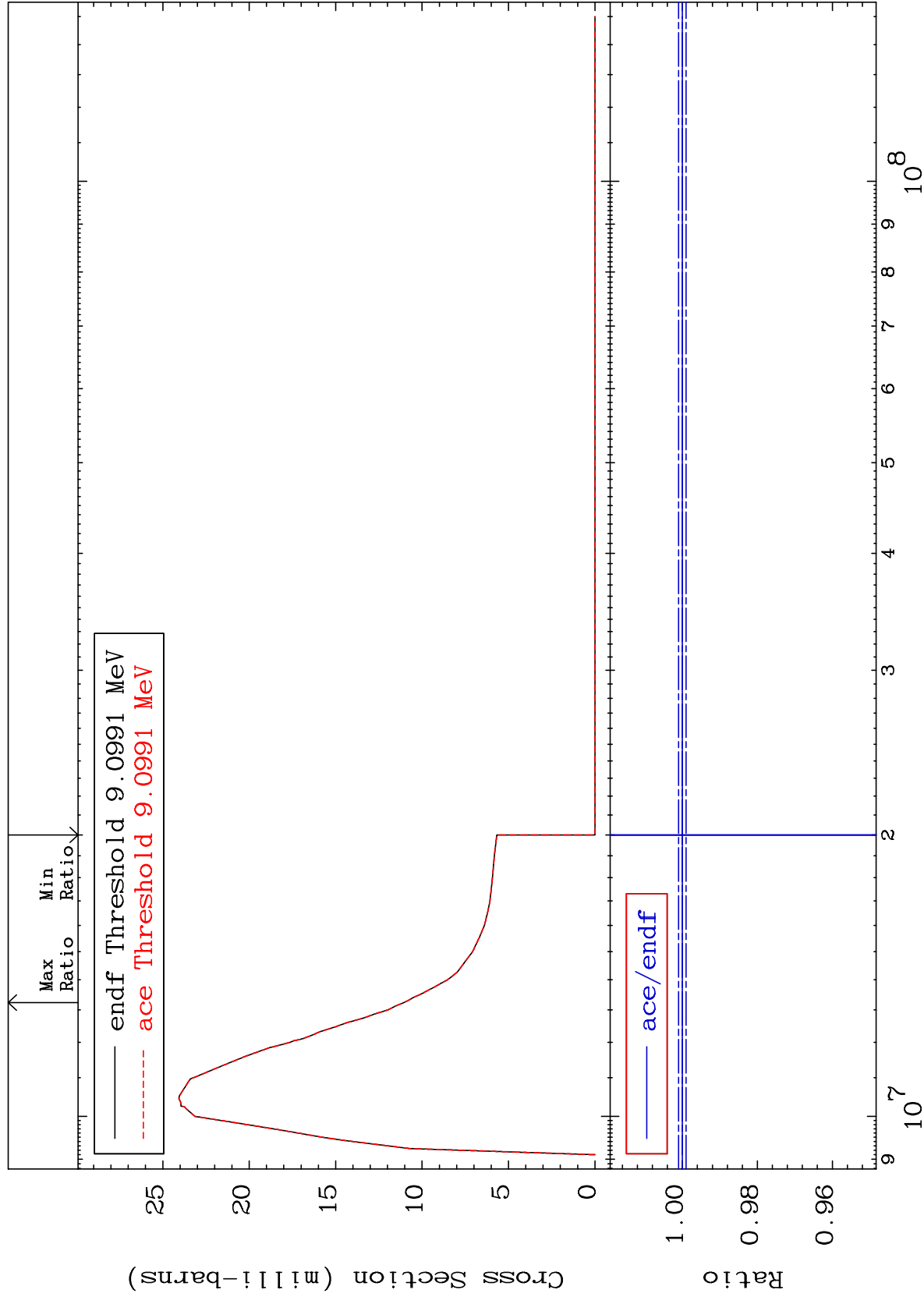


17 10<sup>7</sup> 10<sup>8</sup> 7-N -14

MAT 725

8.488 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



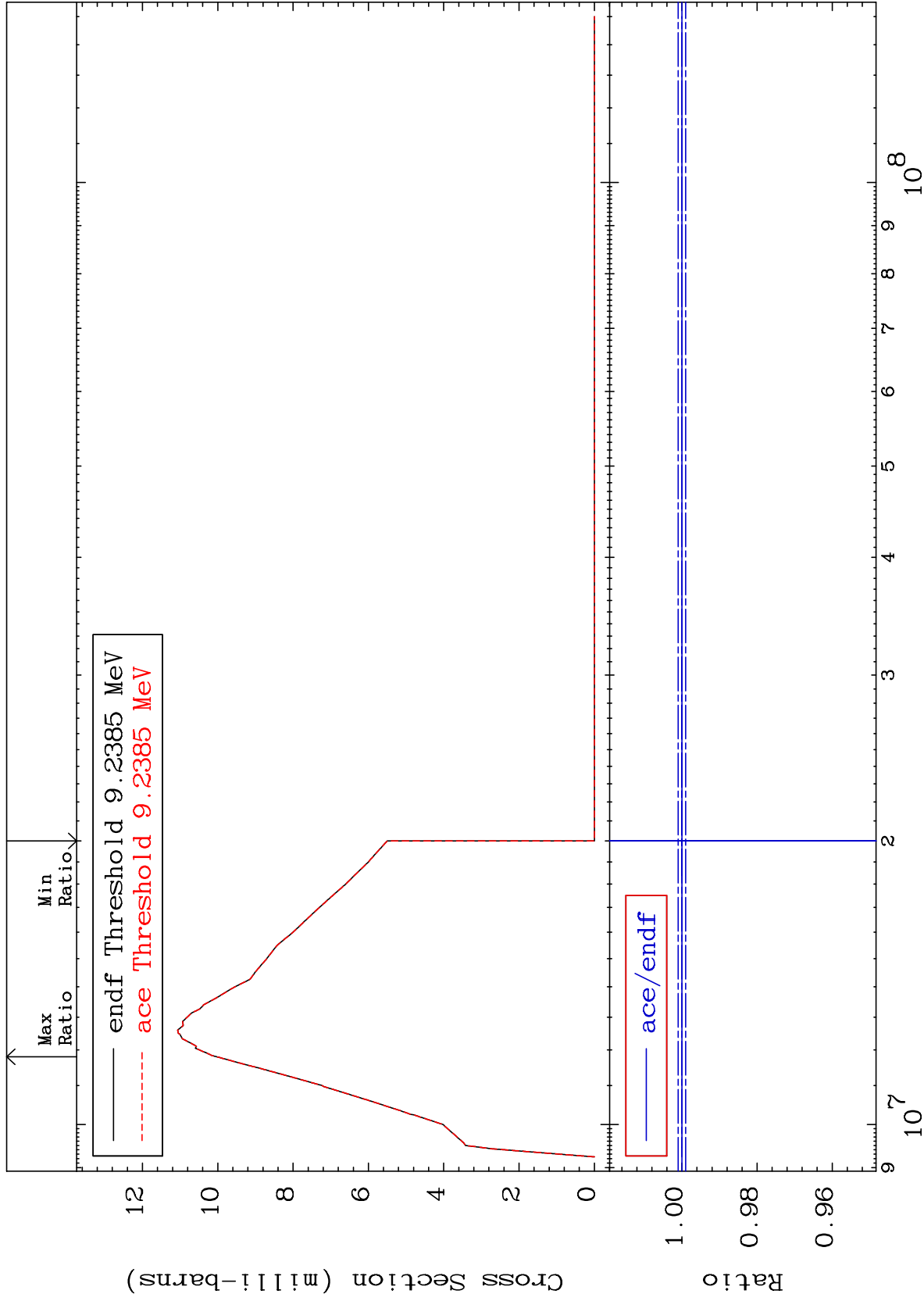
18

7-N -14

MAT 725

8.618 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



19

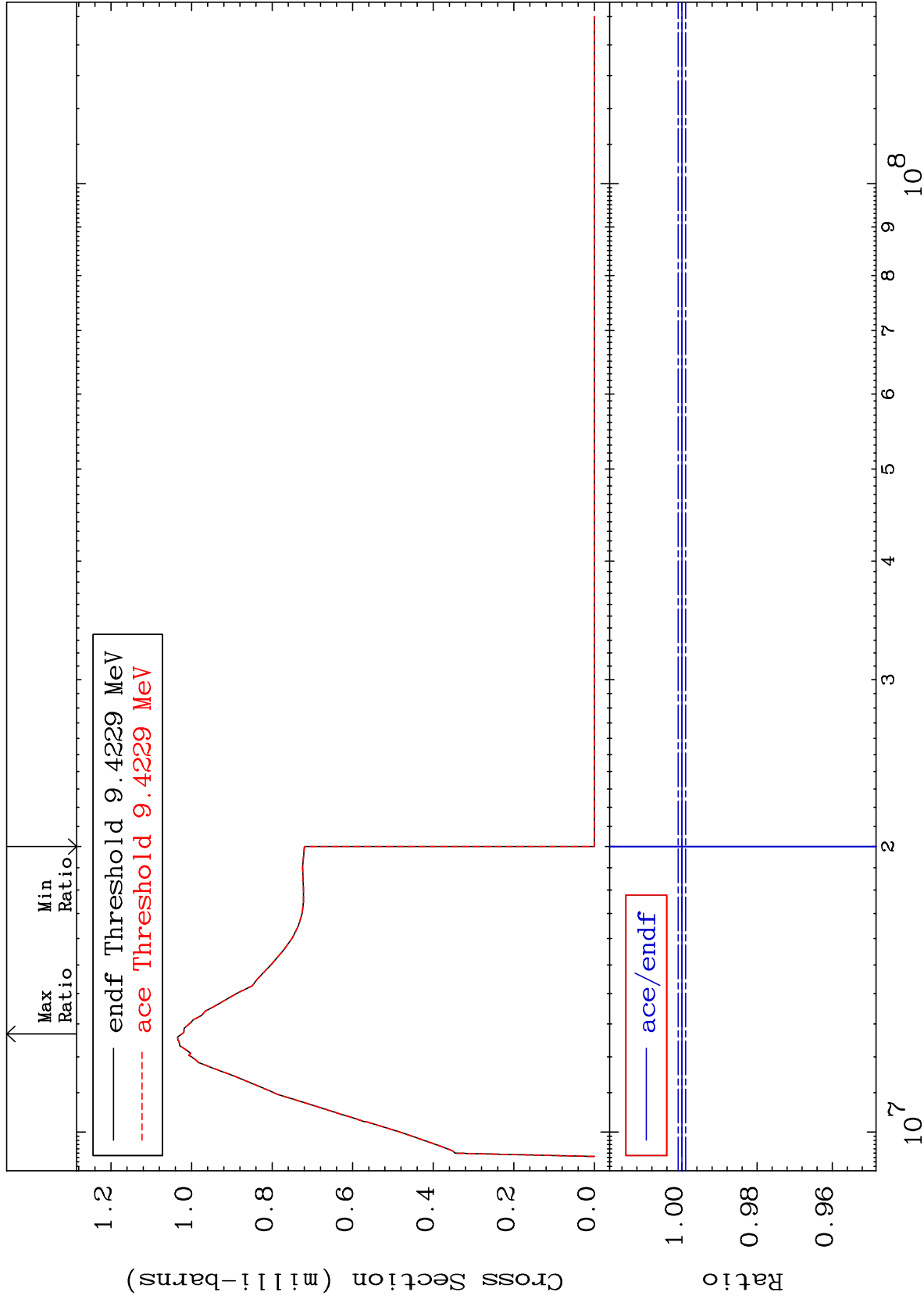
Incident Energy (eV)

7-N -14

MAT 725

8.790 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



20

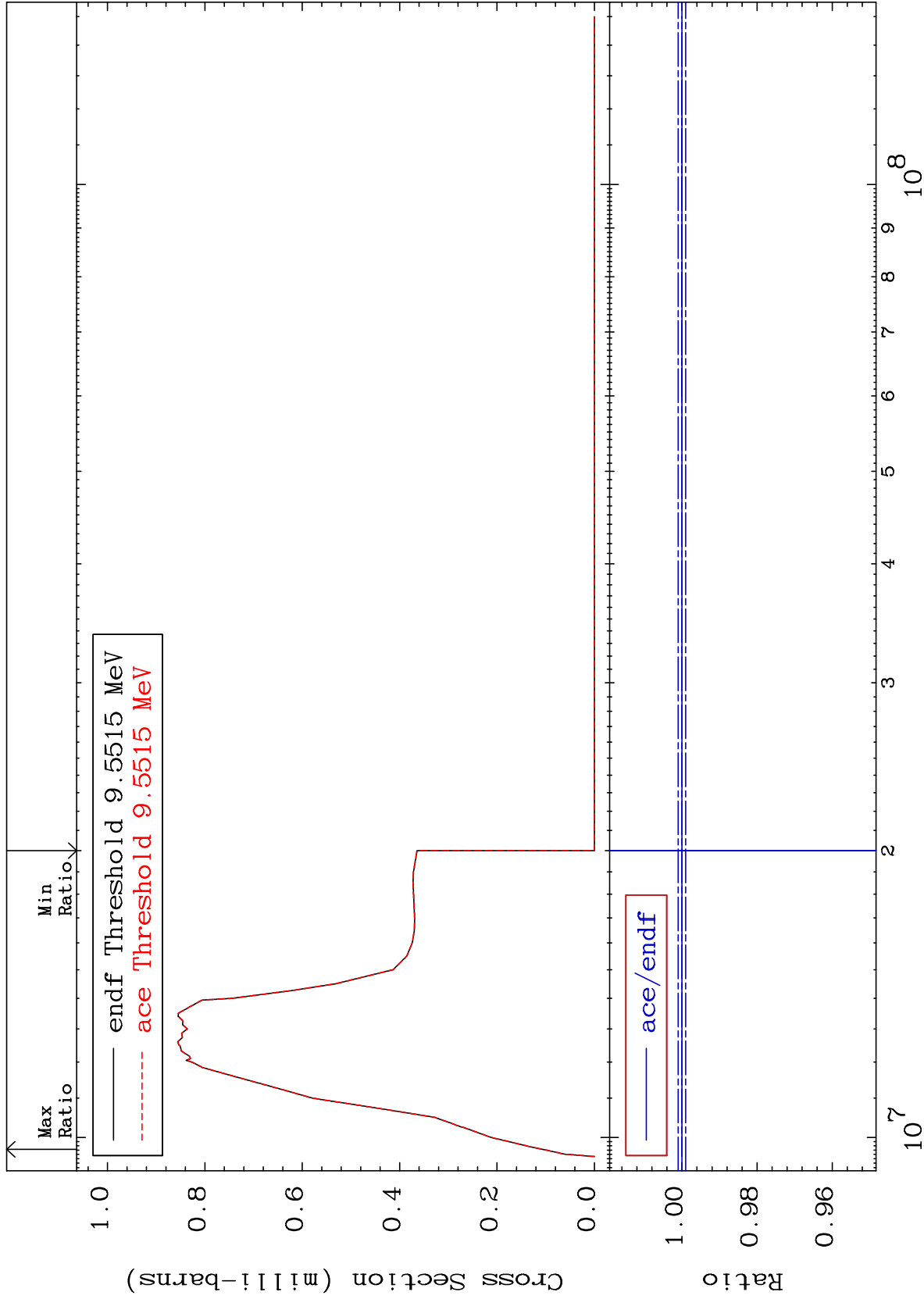
Incident Energy (eV)

7-N -14

MAT 725

8.910 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



21

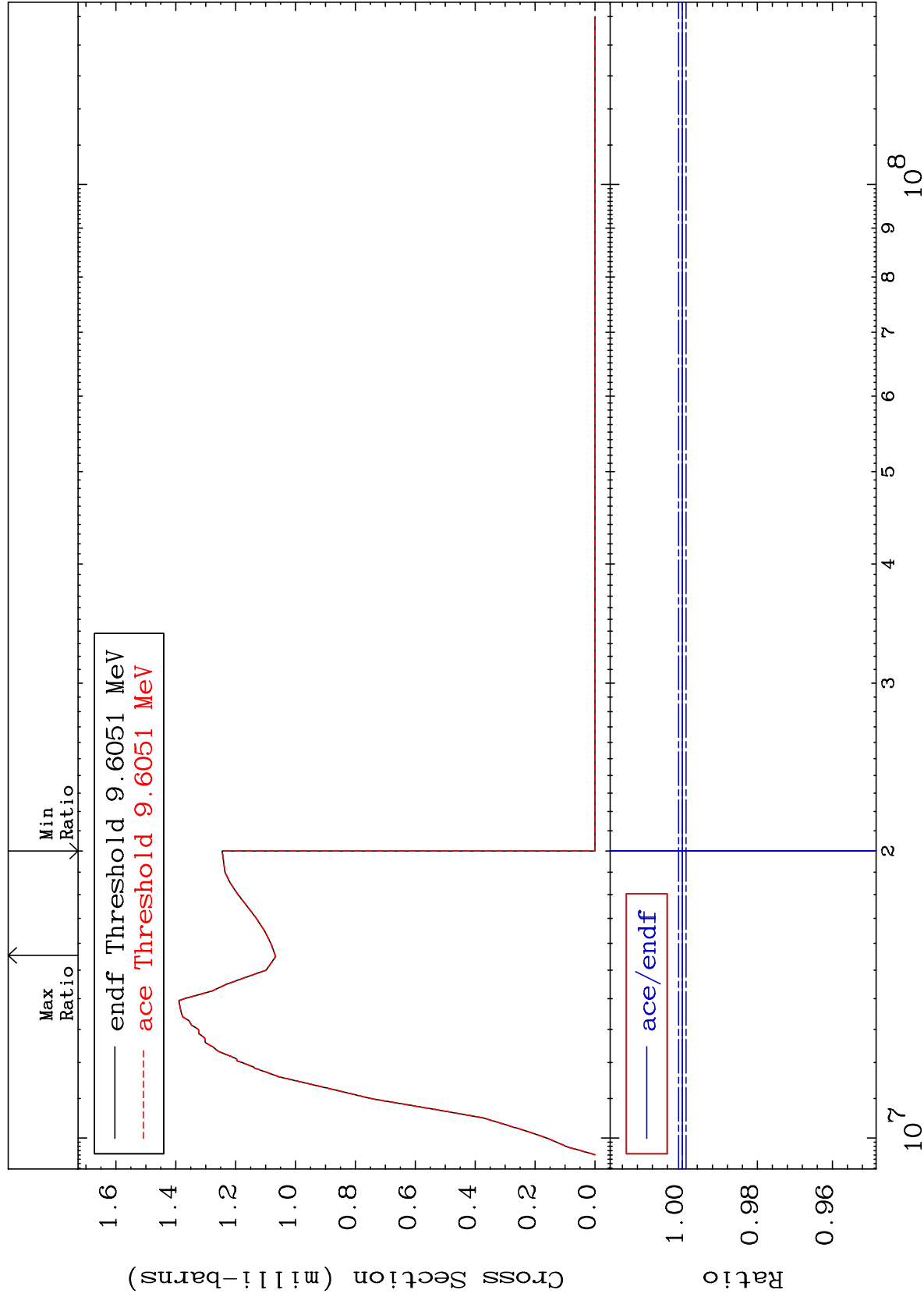
Incident Energy (eV)

7-N -14

MAT 725

8.960 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



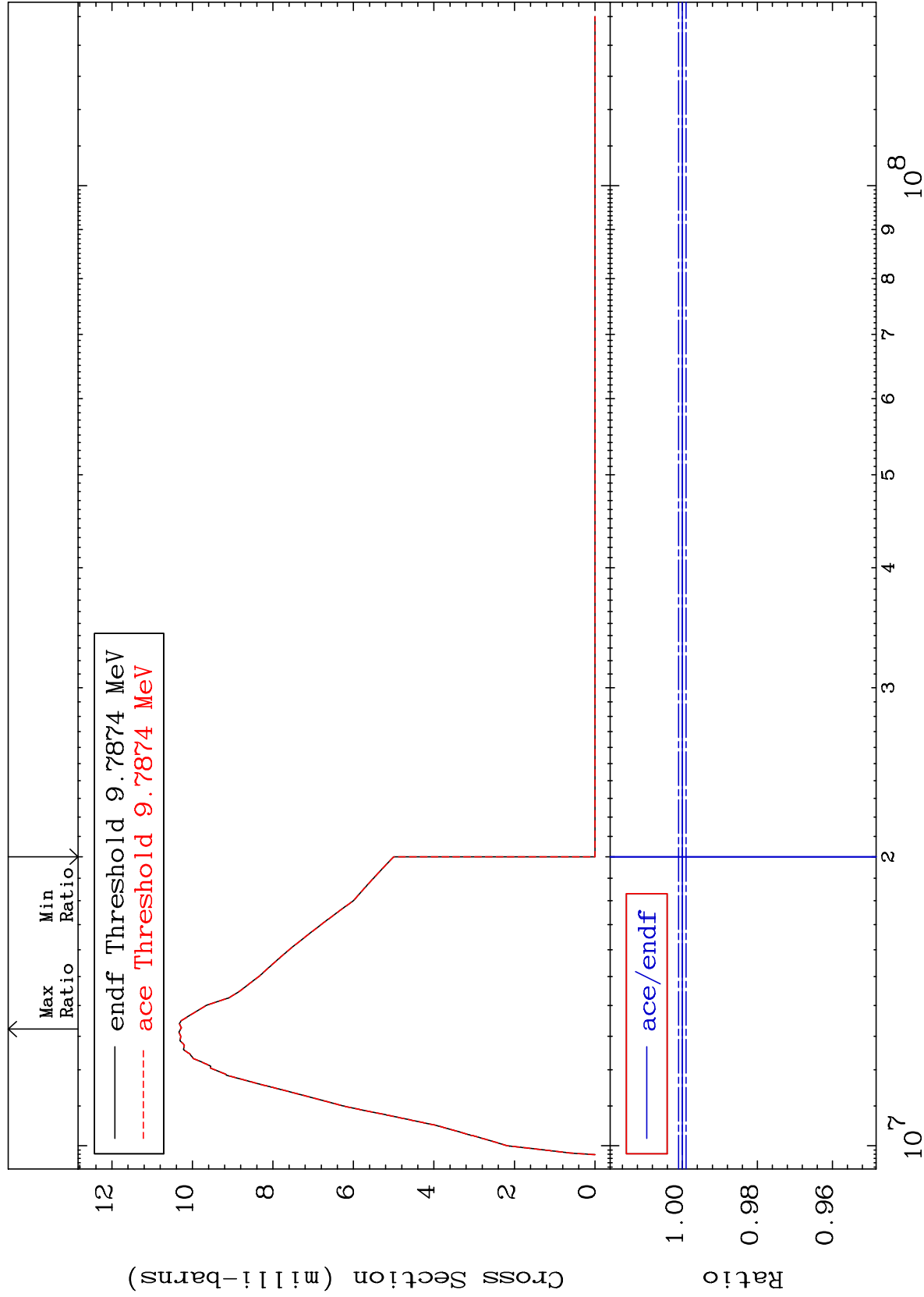
22

7-N -14

MAT 725

9.130 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



23

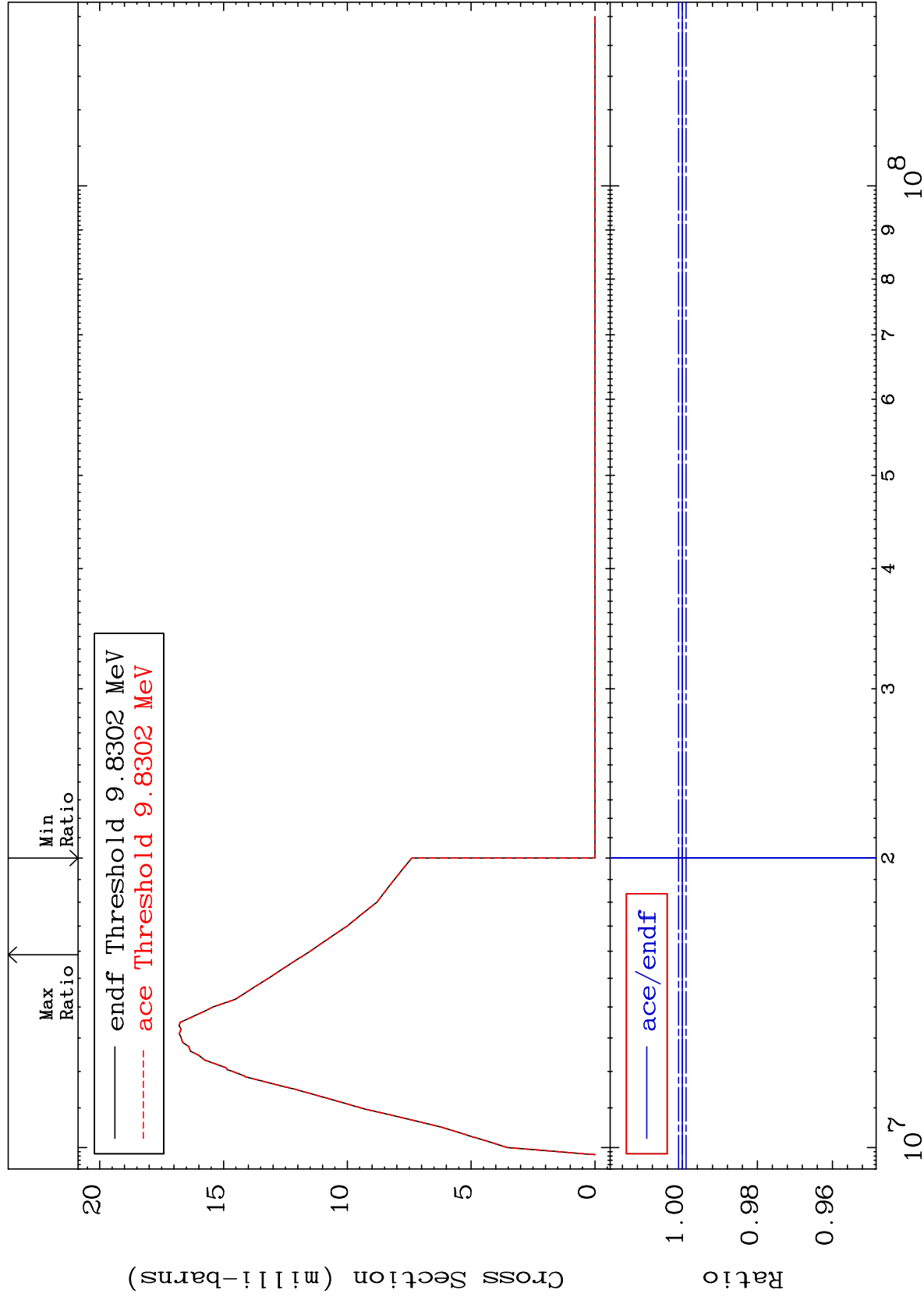
7-N -14



MAT 725

9.170 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



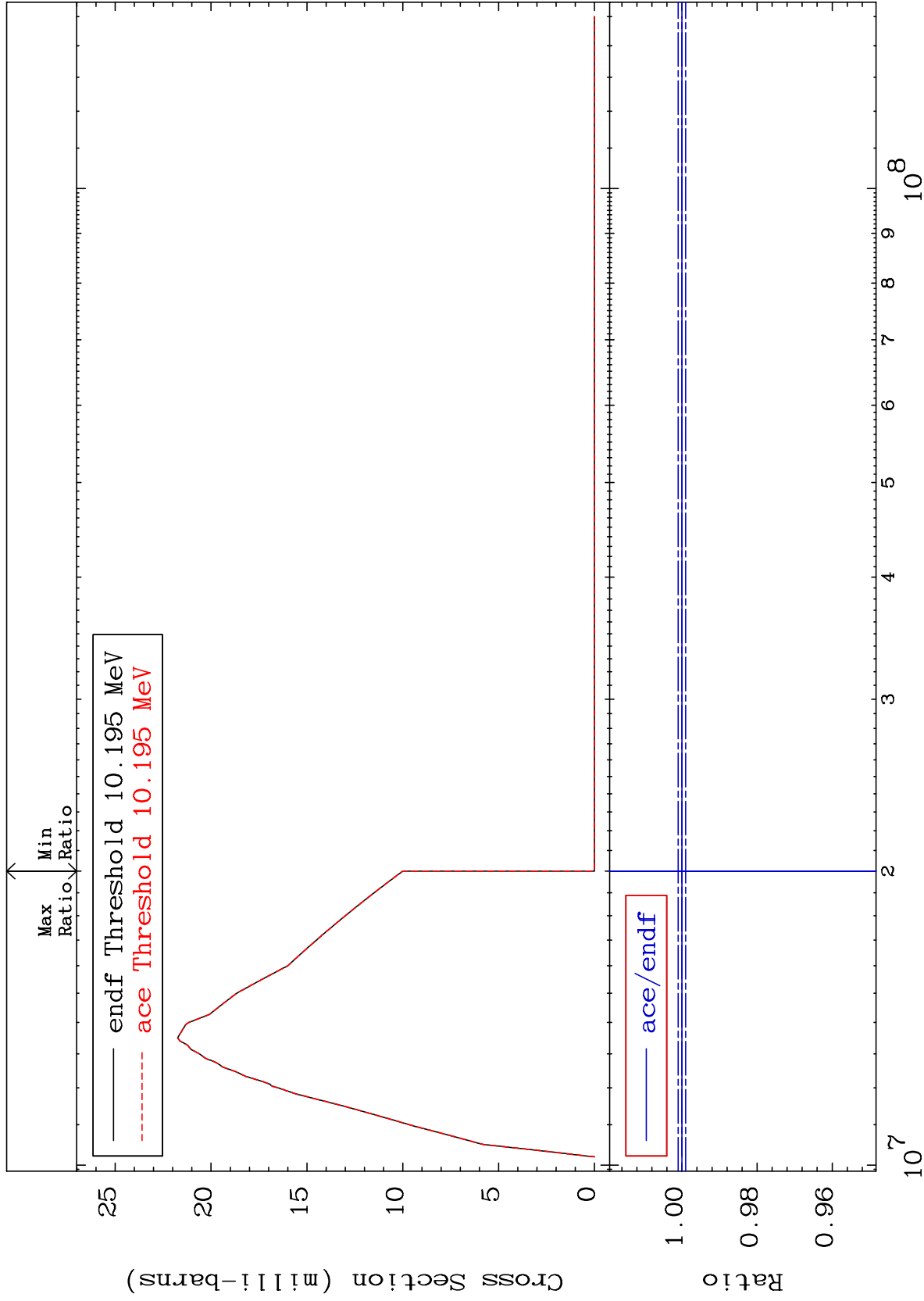
24

7-N -14

MAT 725

9.510 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



Incident Energy (eV)

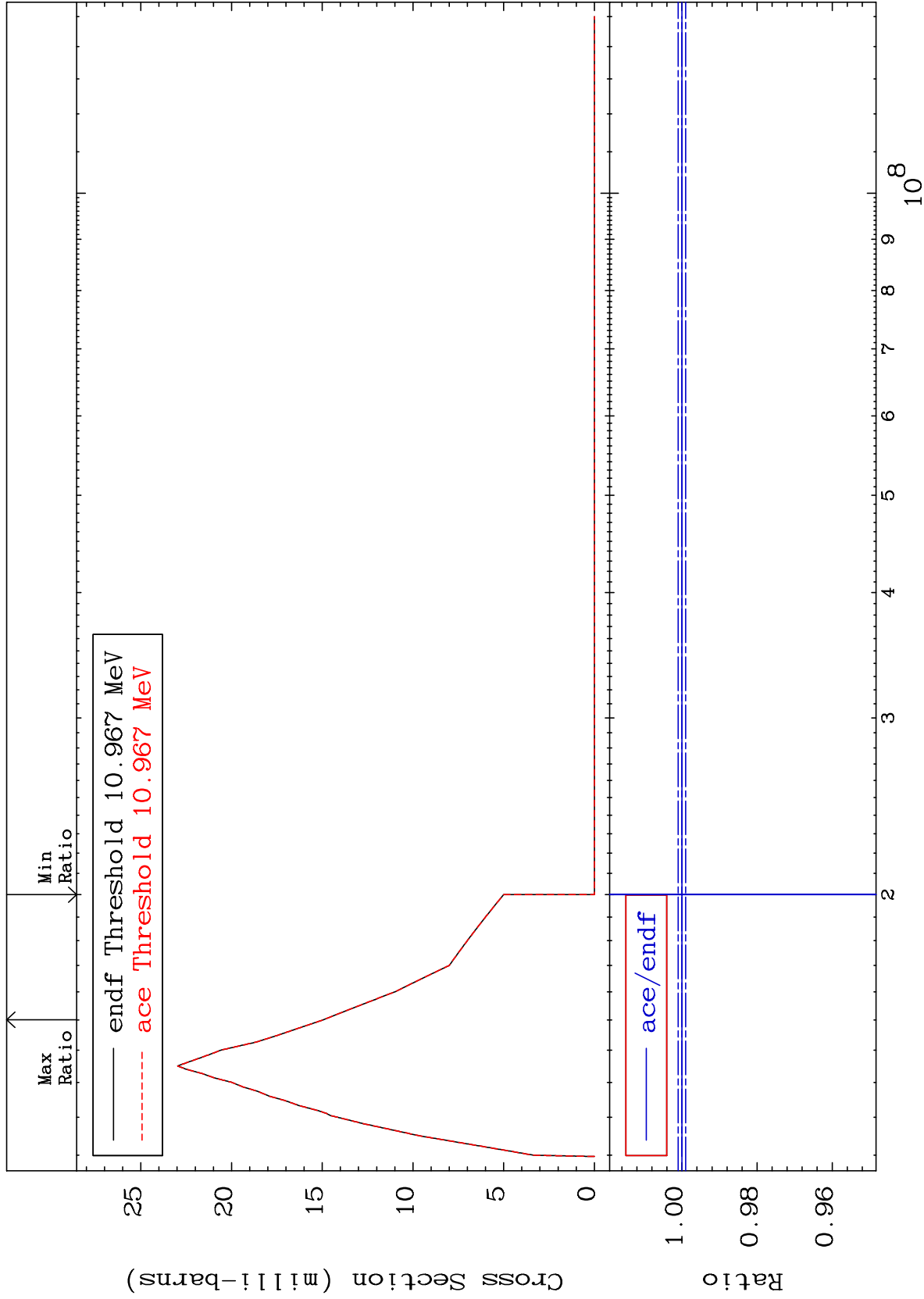
25

7-N -14

MAT 725

10.23 MeV (n,n') Level  
Cross Section

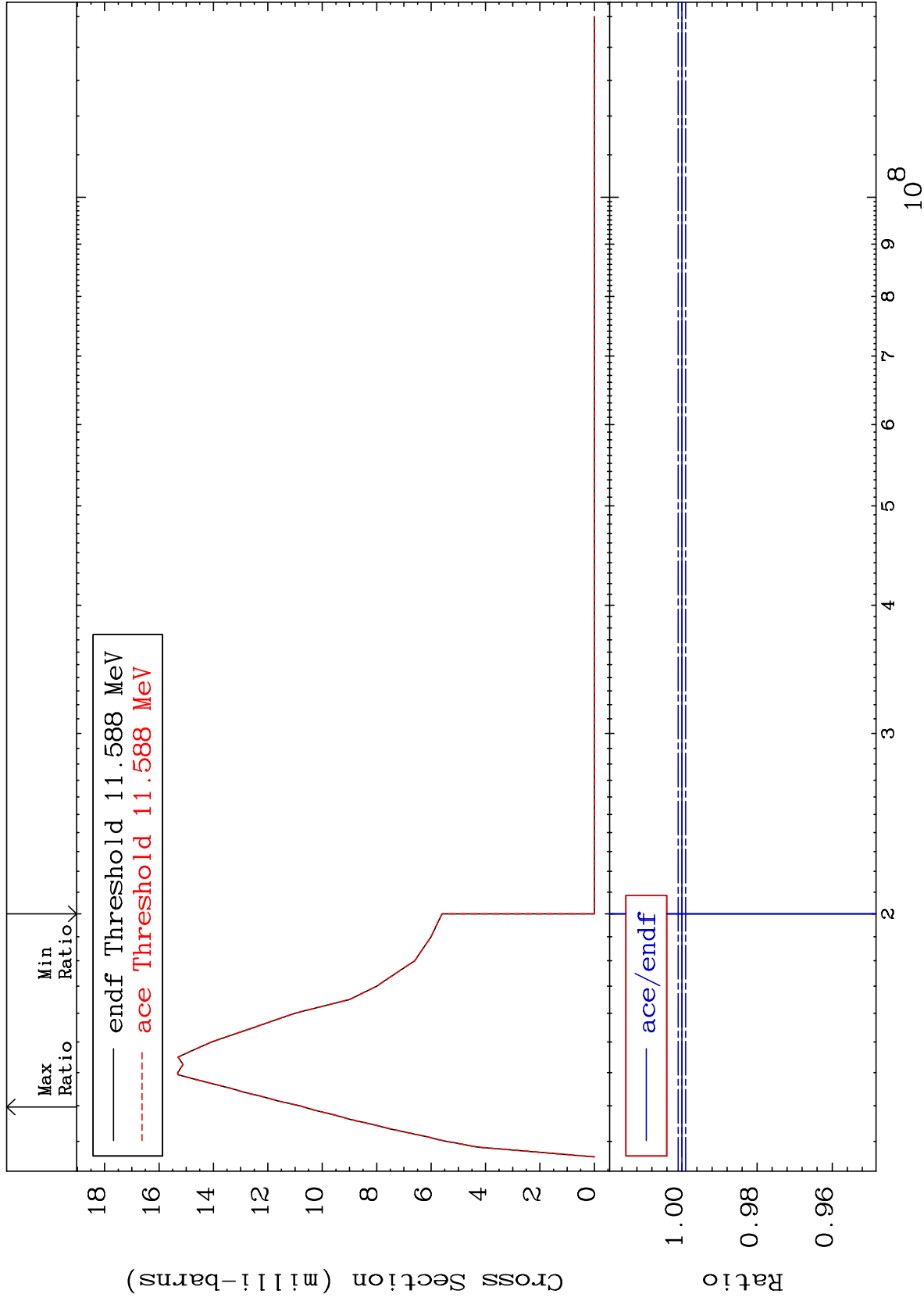
7-N -14  
-50.00 To 0.000 %



MAT 725

10.81 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



27

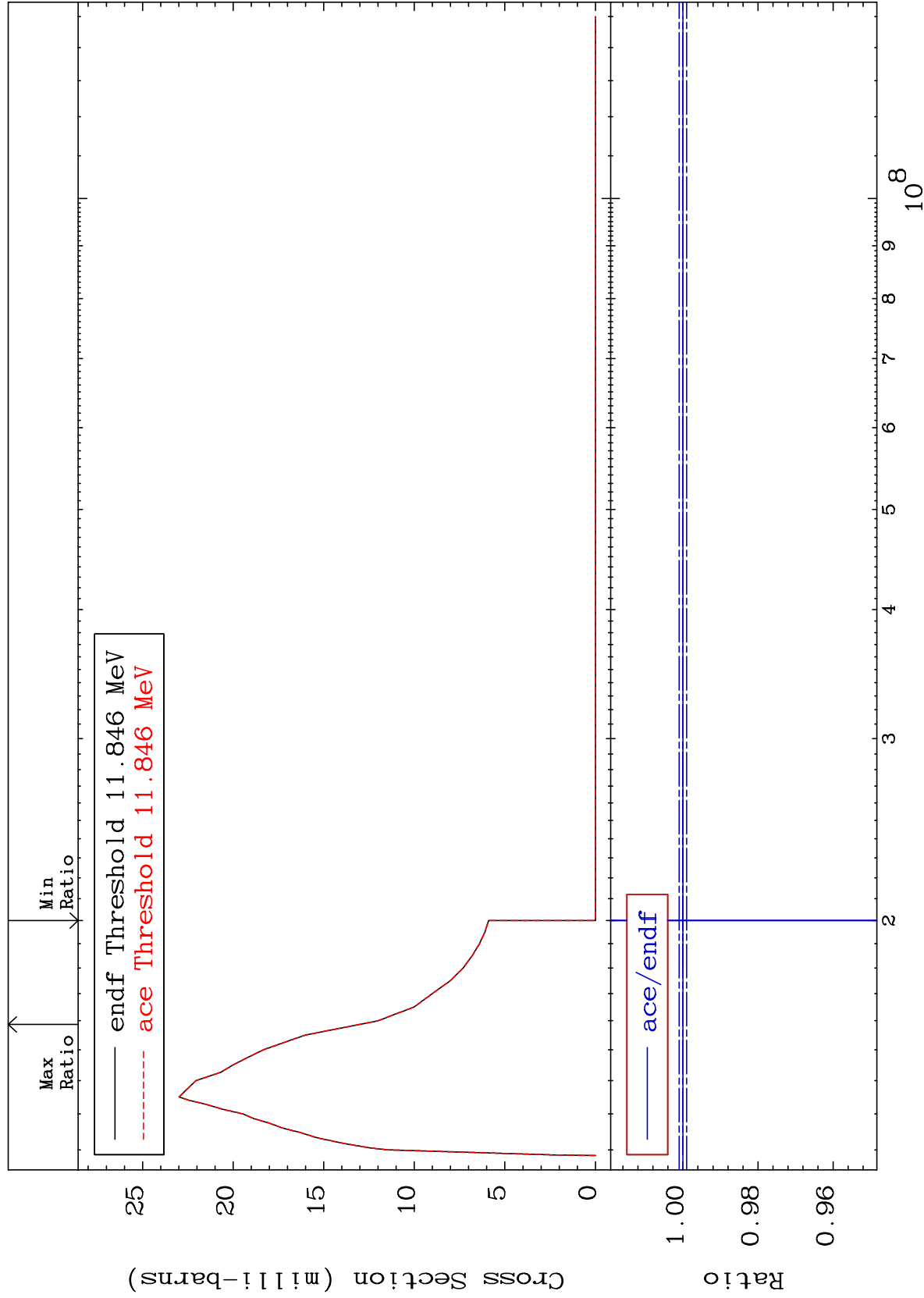
Incident Energy (eV)

7-N -14

MAT 725

11.05 MeV (n,n') Level  
Cross Section

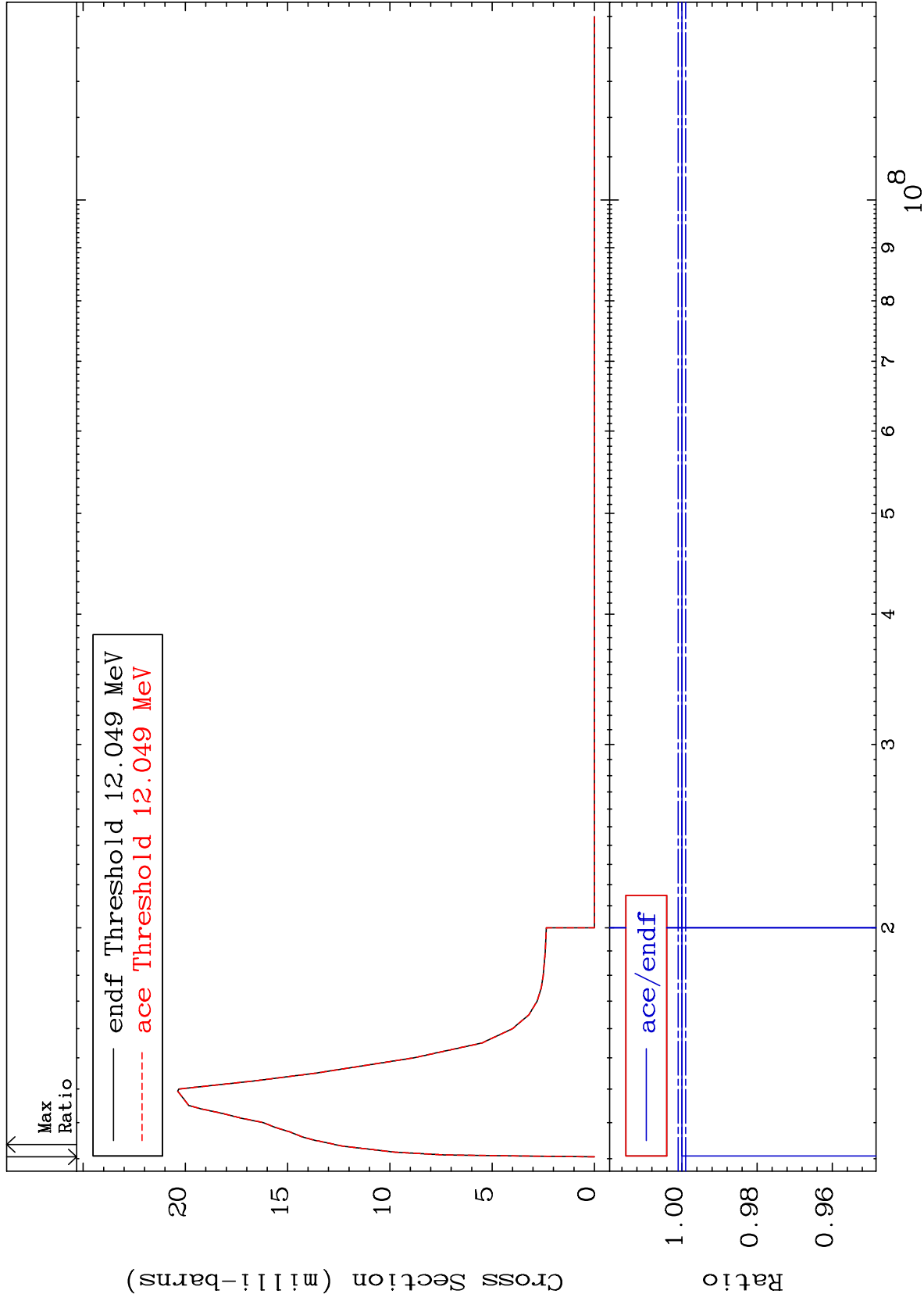
7-N -14  
-50.00 To 0.000 %



MAT 725

11.24 MeV (n,n') Level  
Cross Section

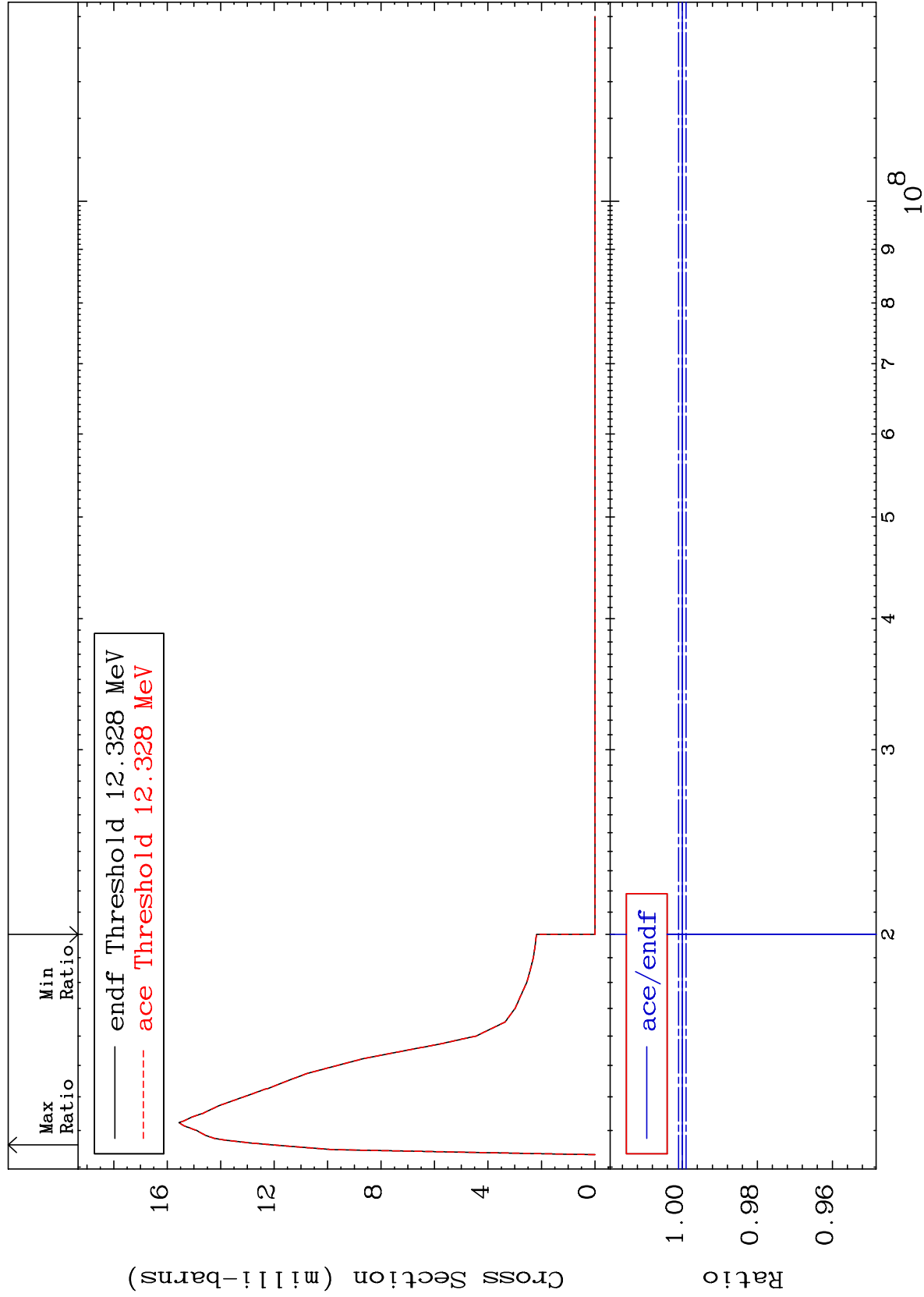
7-N -14  
-76.68 To 0.000 %



MAT 725

11.50 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



30

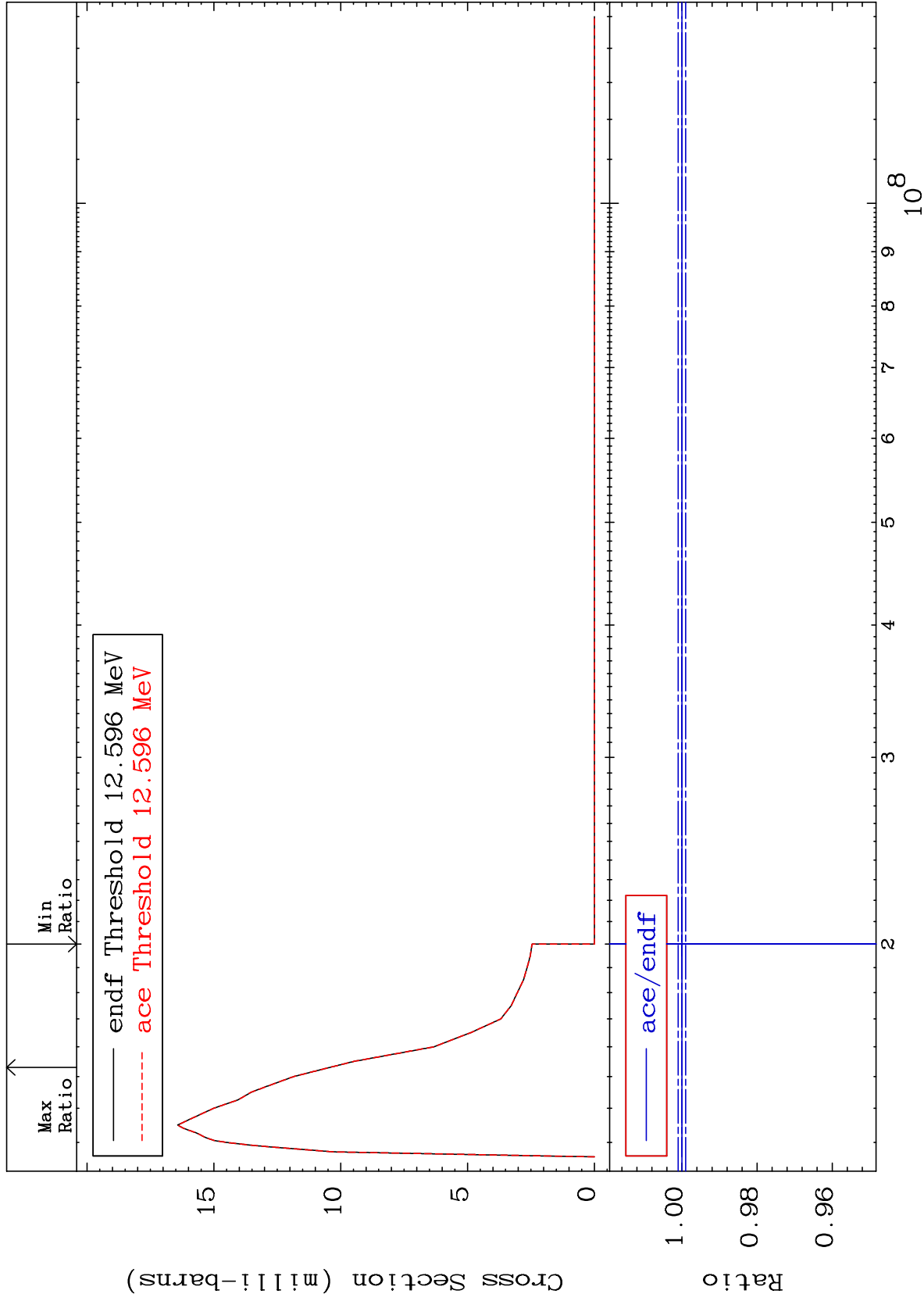
Incident Energy (eV)

7-N -14

MAT 725

11.75 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %

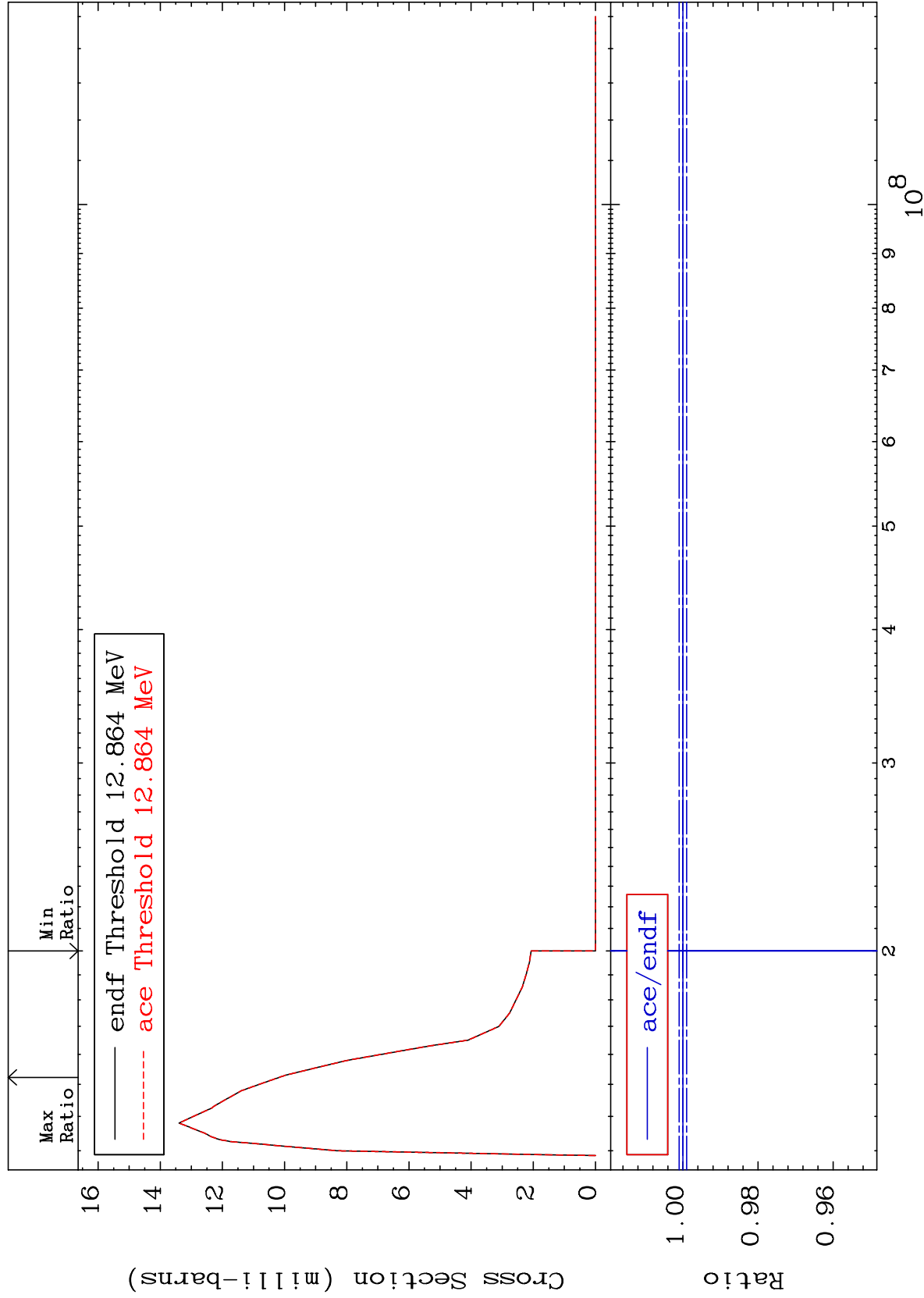




MAT 725

12.00 MeV (n,n') Level  
Cross Section

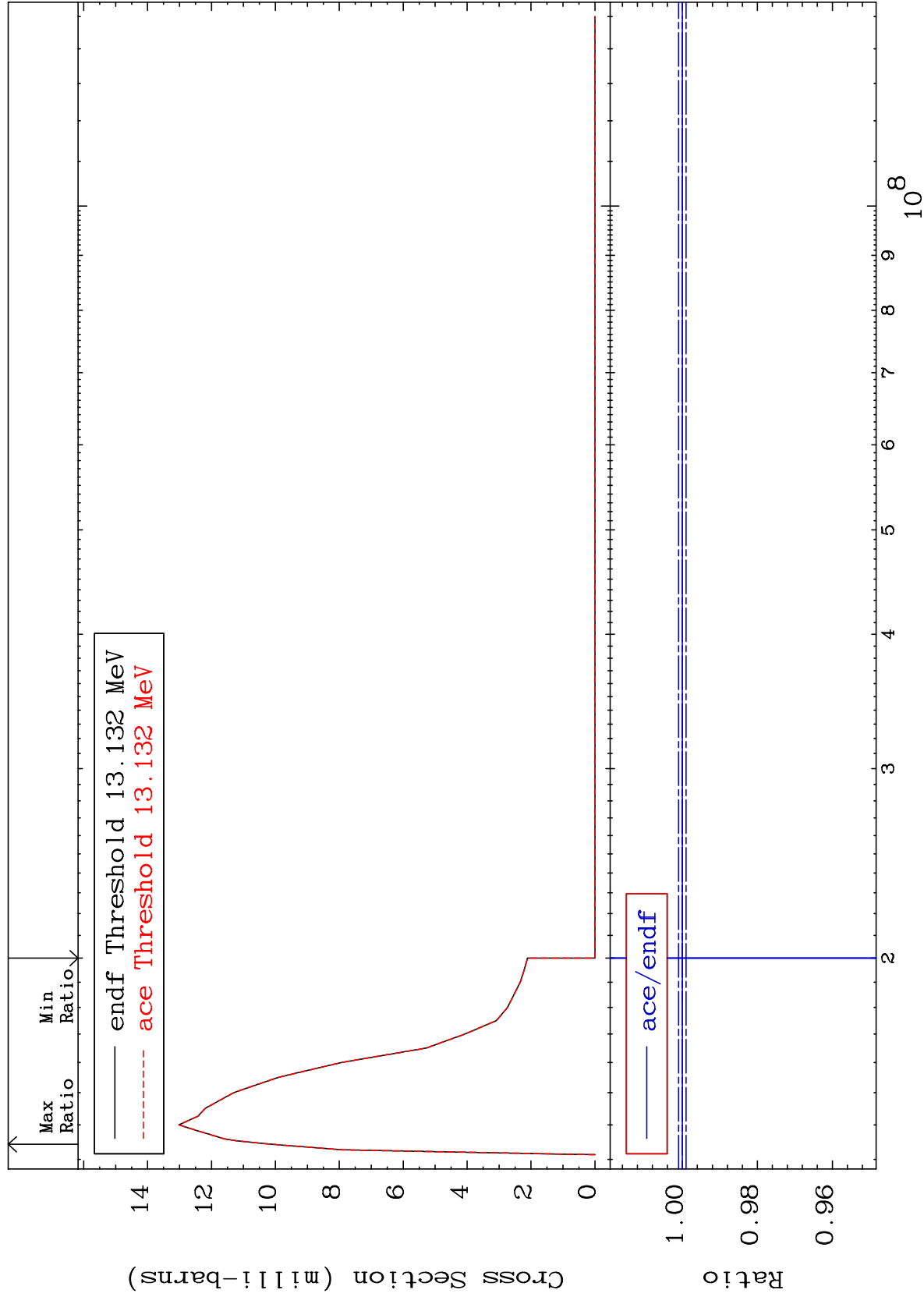
7-N -14  
-50.00 To 0.000 %



MAT 725

12.25 MeV (n,n') Level  
Cross Section

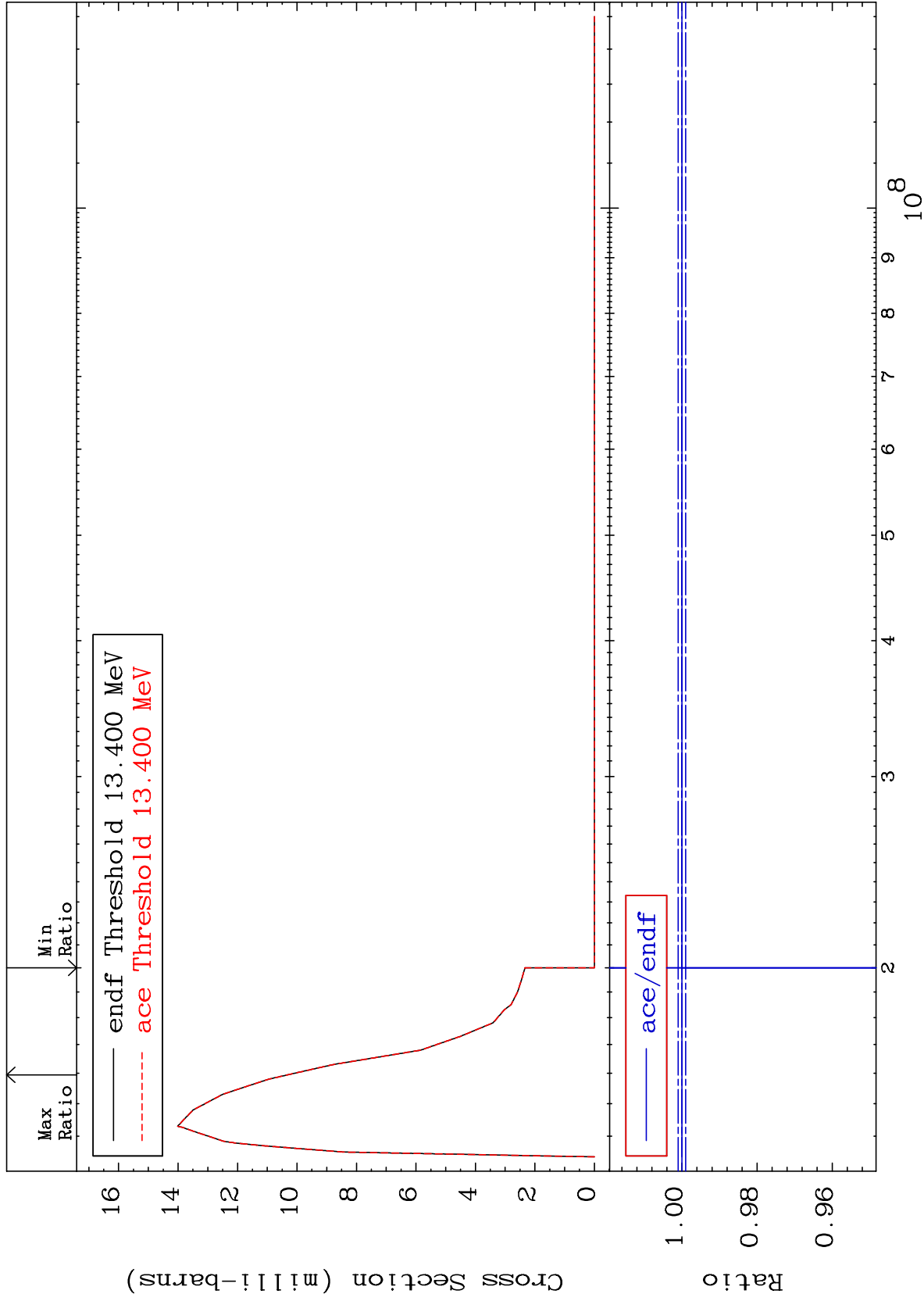
7-N -14  
-50.00 To 0.000 %



MAT 725

12.50 MeV (n,n') Level  
Cross Section

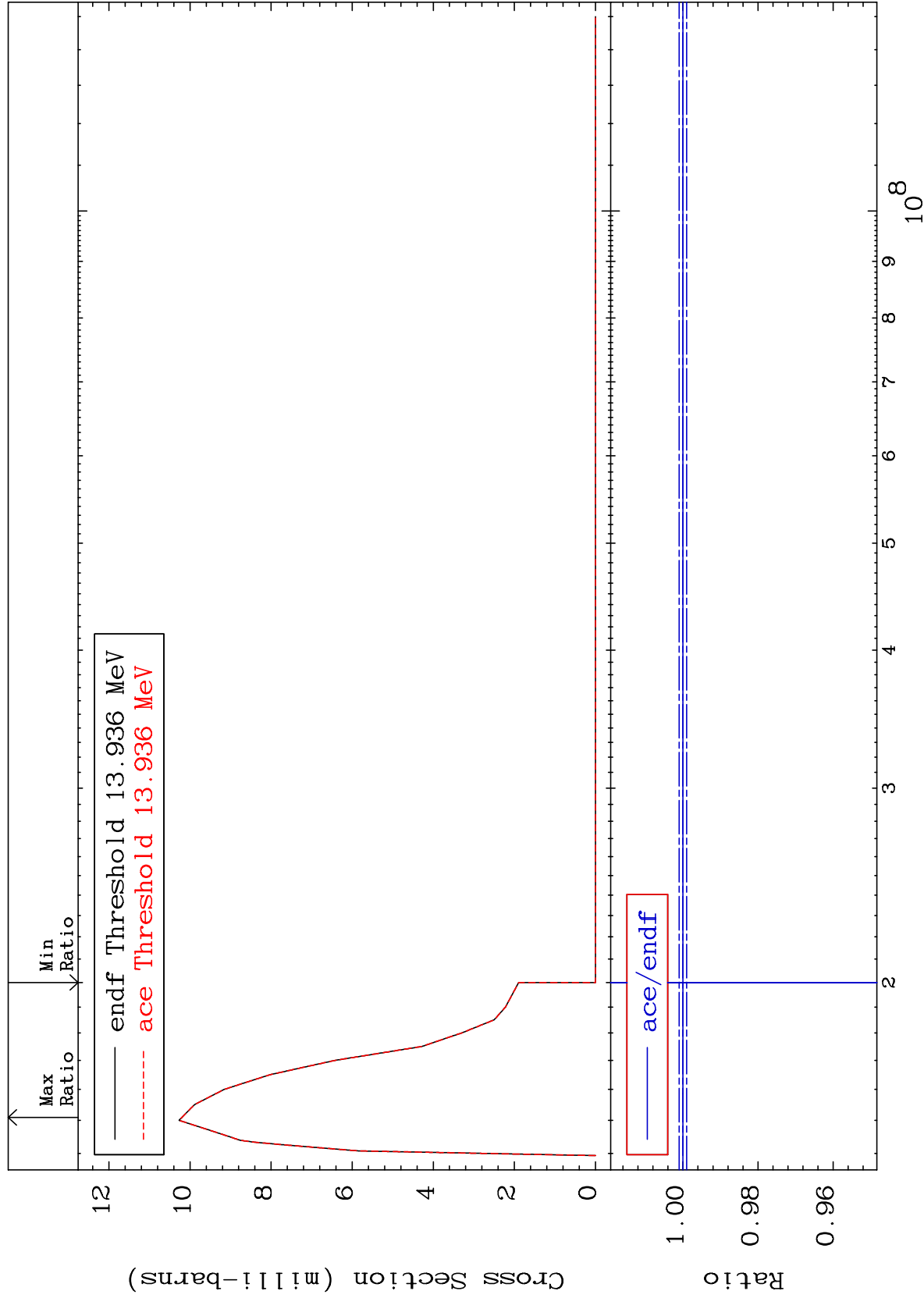
7-N -14  
-50.00 To 0.000 %



MAT 725

13.00 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



35

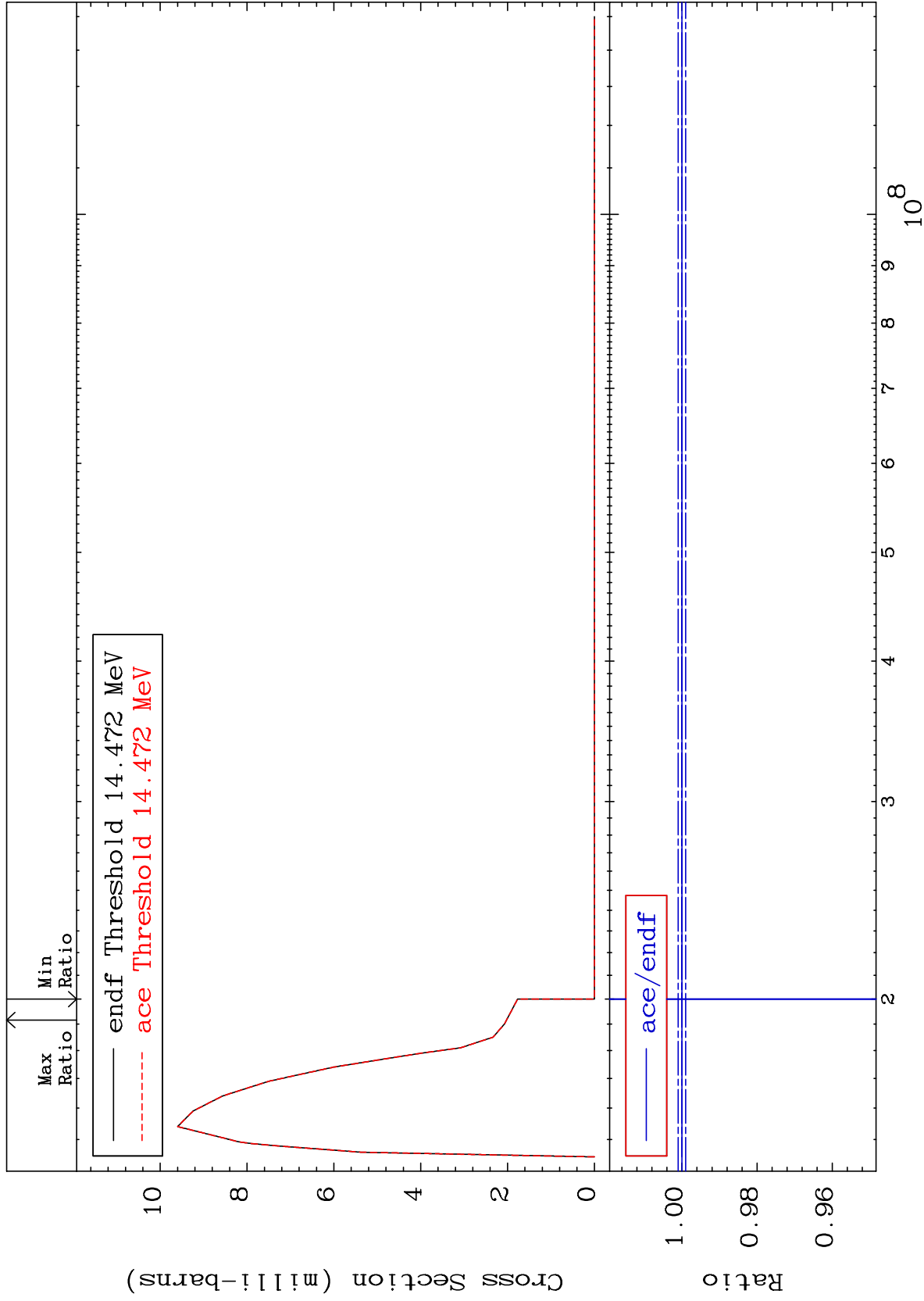
Incident Energy (eV)

7-N -14

MAT 725

13.50 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



36

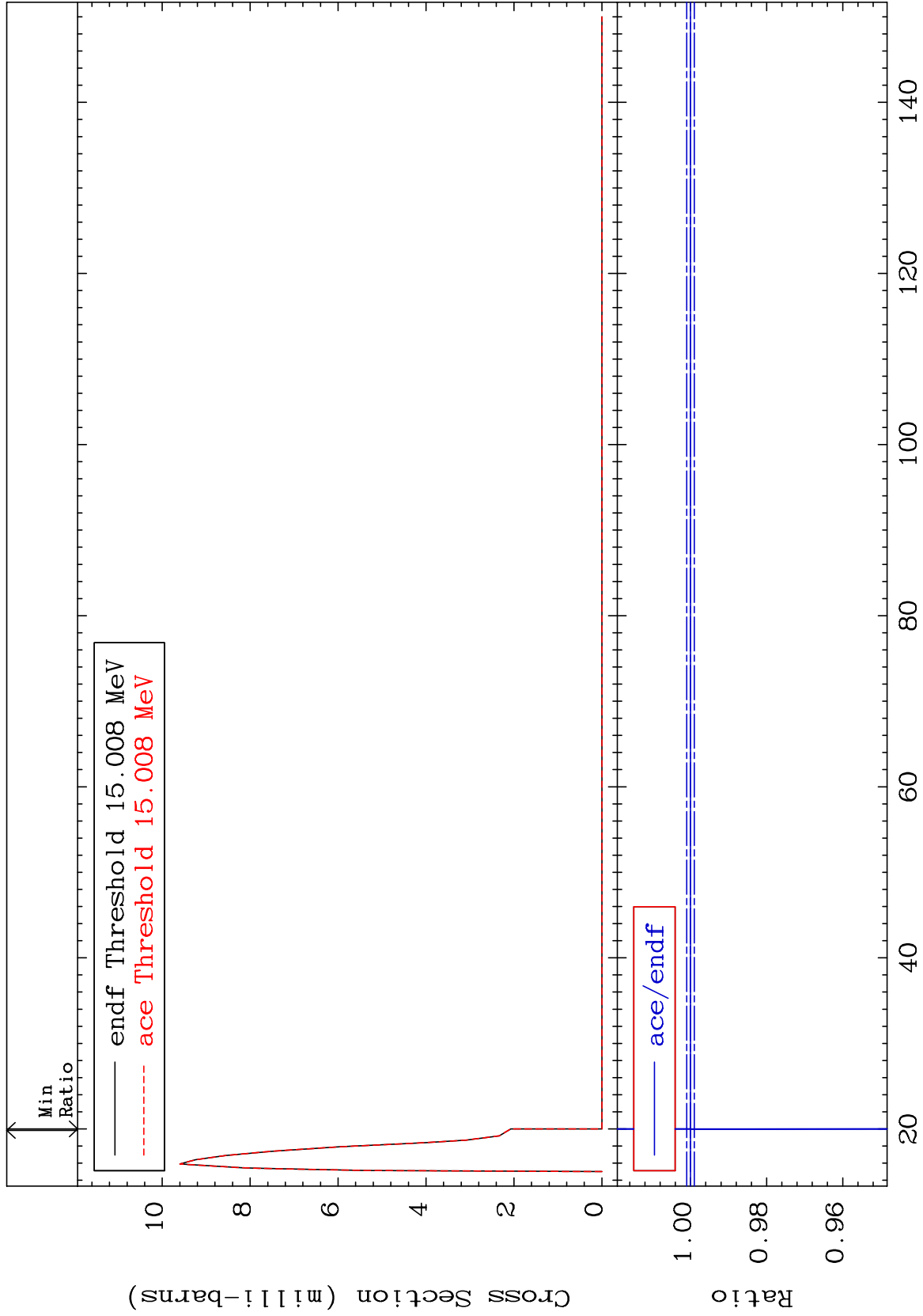
Incident Energy (eV)

7-N -14

MAT 725

14.00 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



37

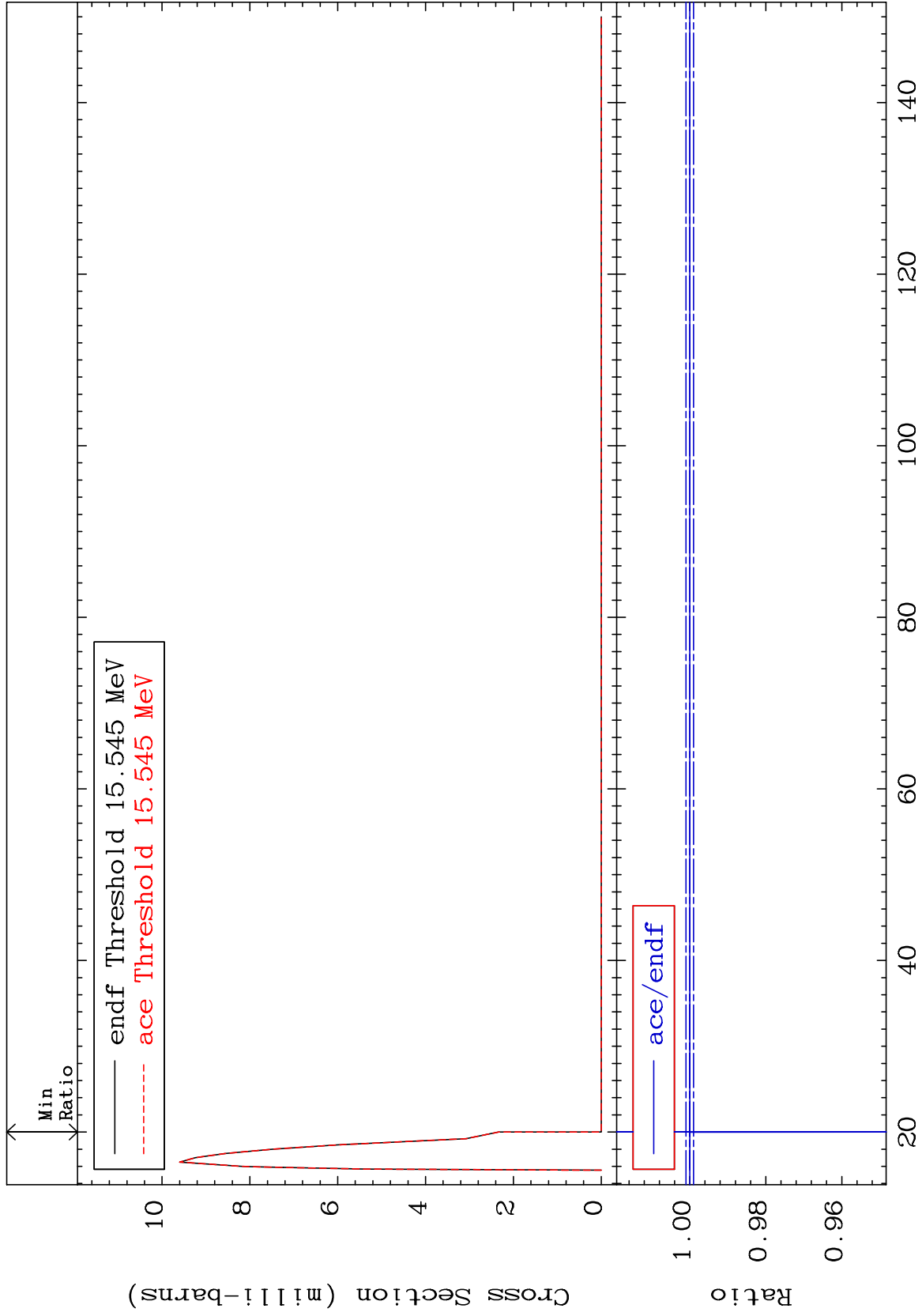
Incident Energy (MeV)

7-N -14

MAT 725

14.50 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



38

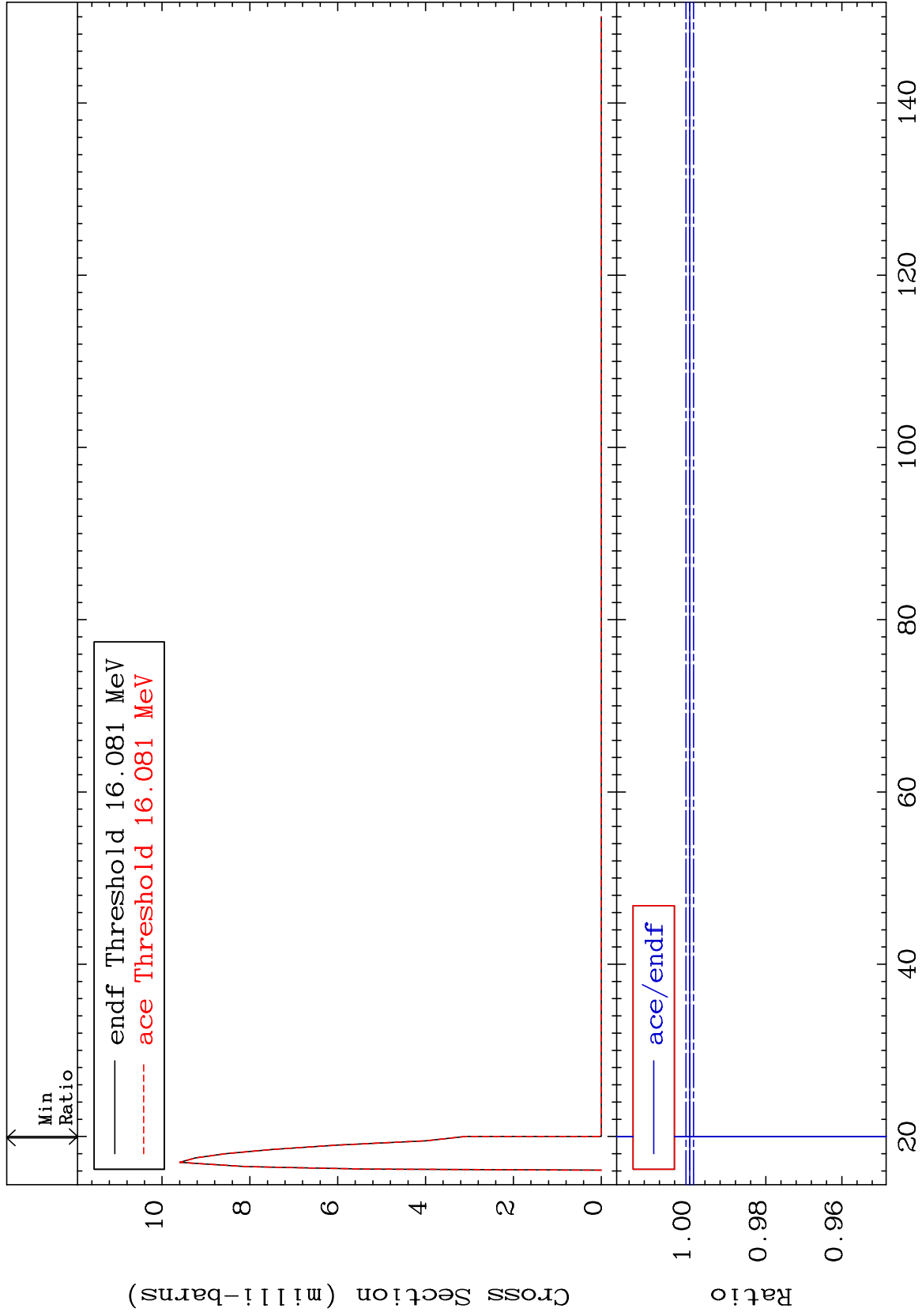
Incident Energy (MeV)

7-N -14

MAT 725

15.00 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %

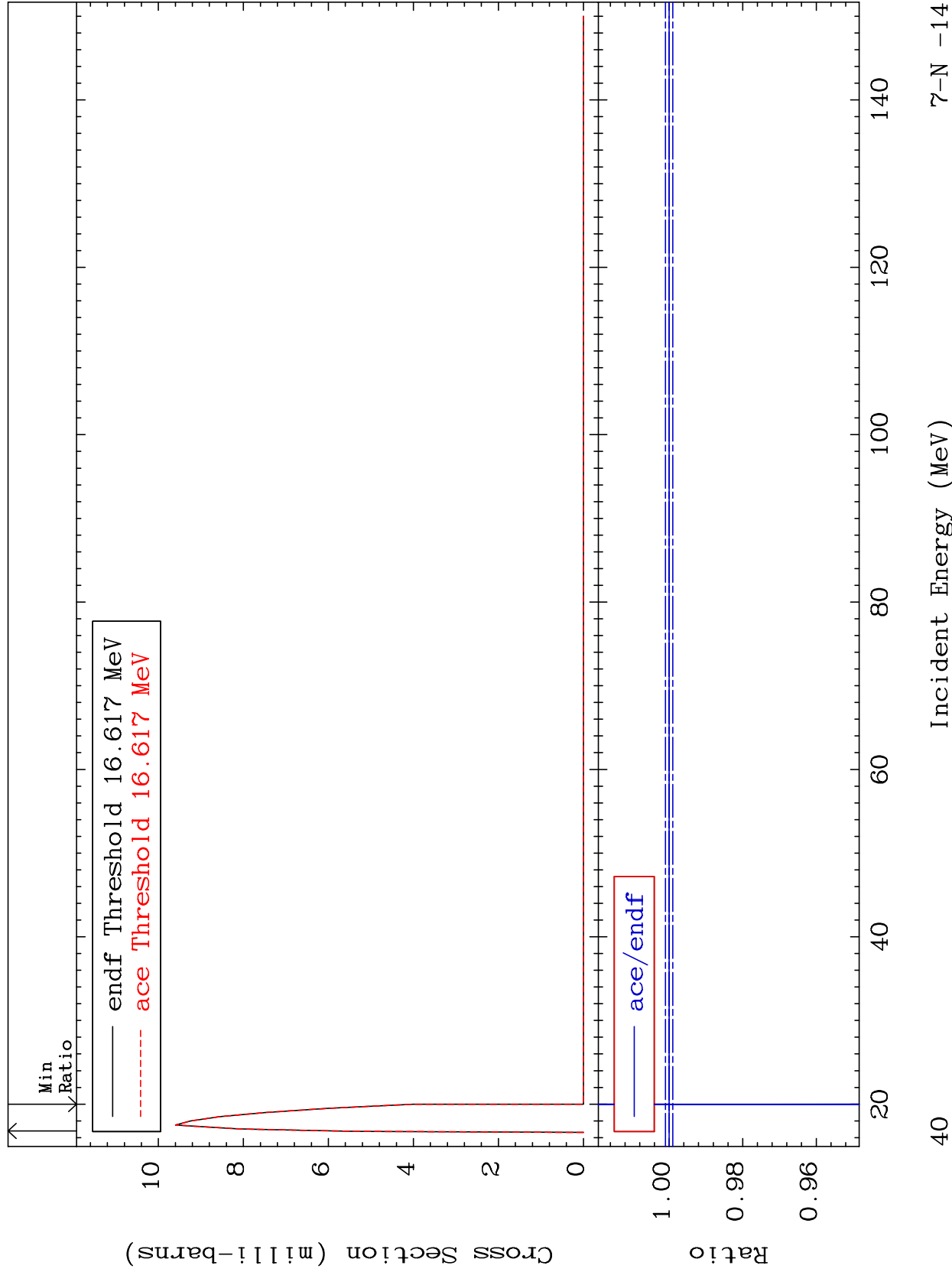




MAT 725

15.50 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



40

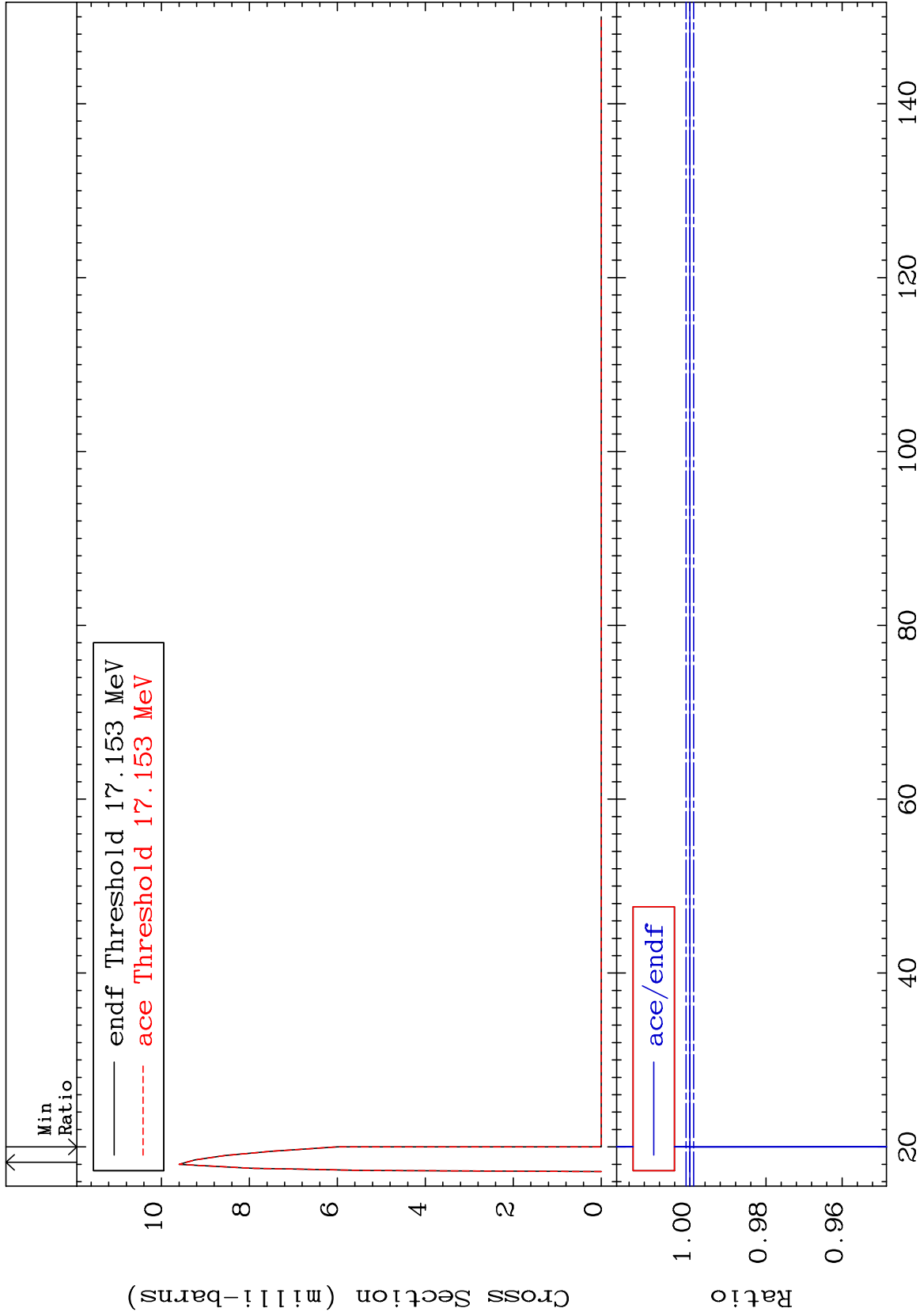
Incident Energy (MeV)

7-N -14

MAT 725

16.00 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



41

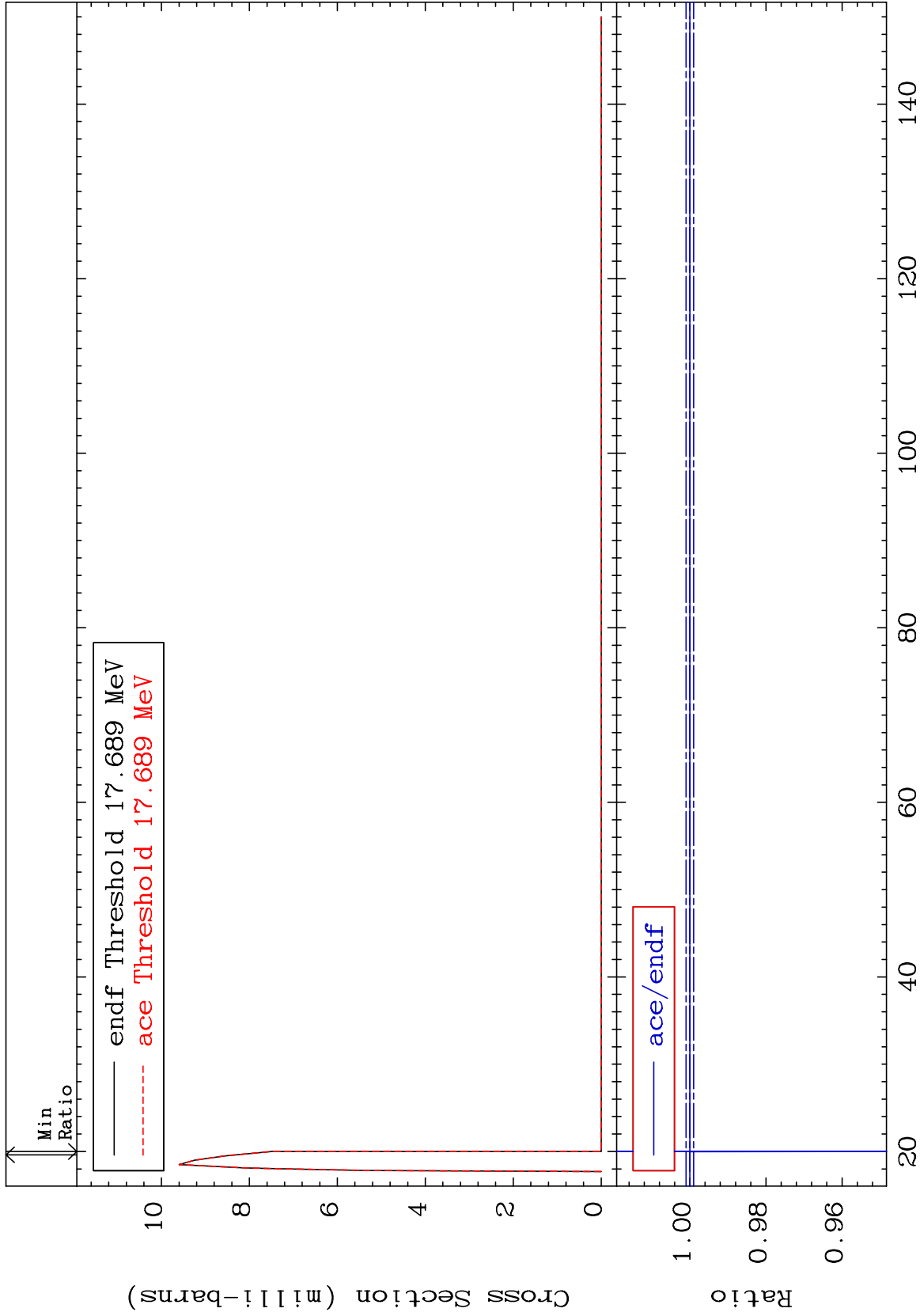
Incident Energy (MeV)

7-N -14

MAT 725

16.50 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



42

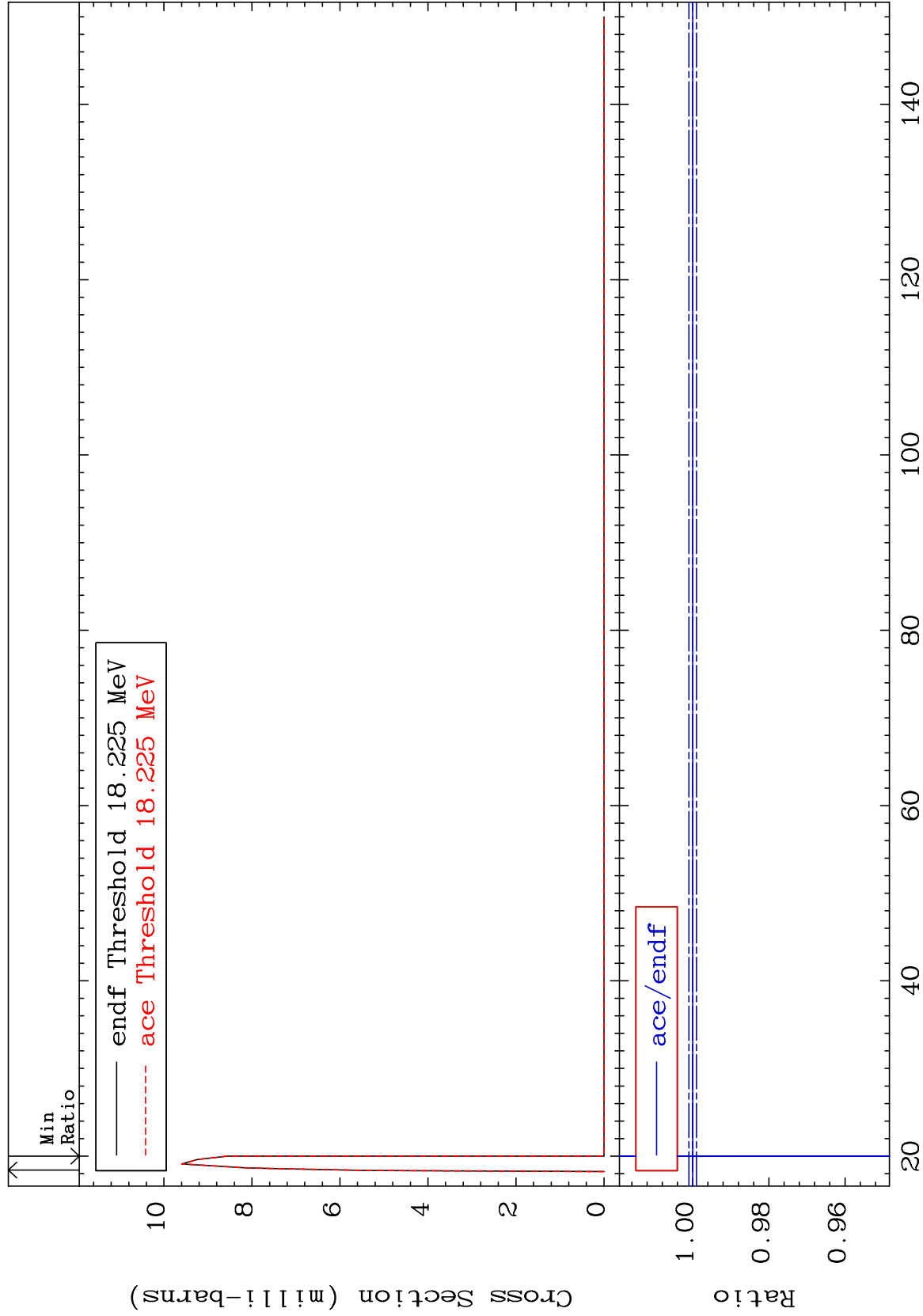
Incident Energy (MeV)

7-N -14

MAT 725

17.00 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



43

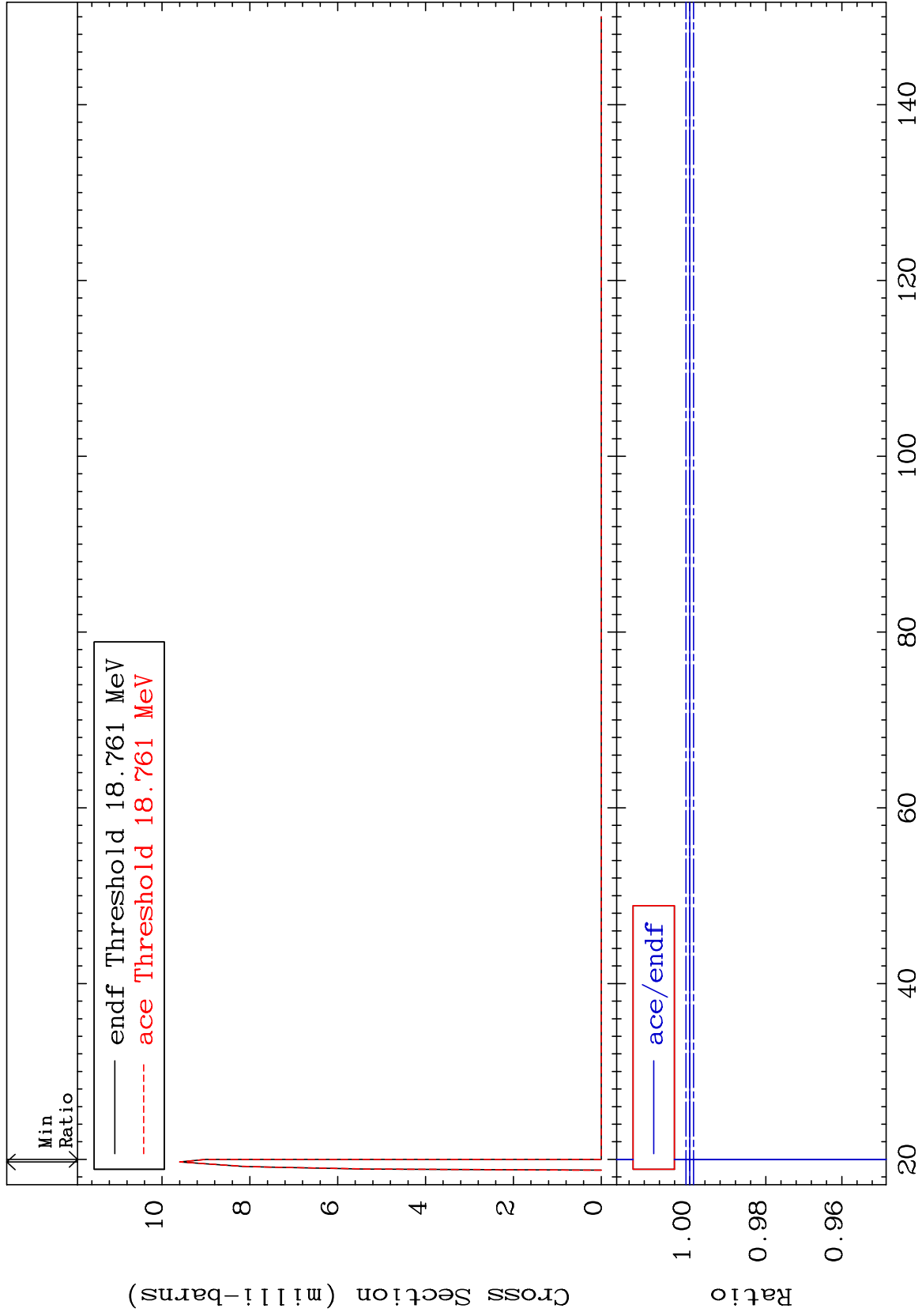
Incident Energy (MeV)

7-N -14

MAT 725

17.50 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



44

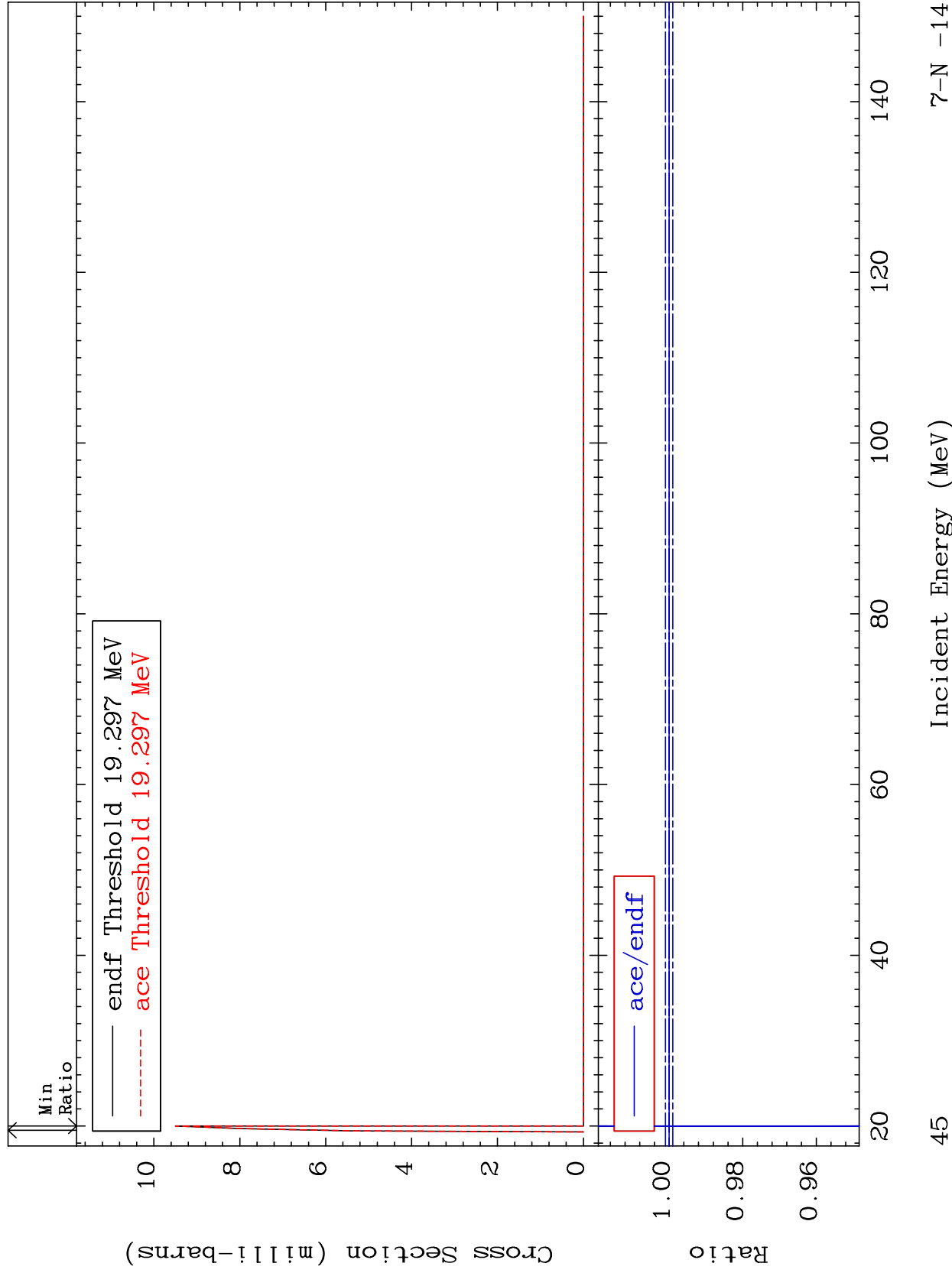
Incident Energy (MeV)

7-N -14

MAT 725

18.00 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



45

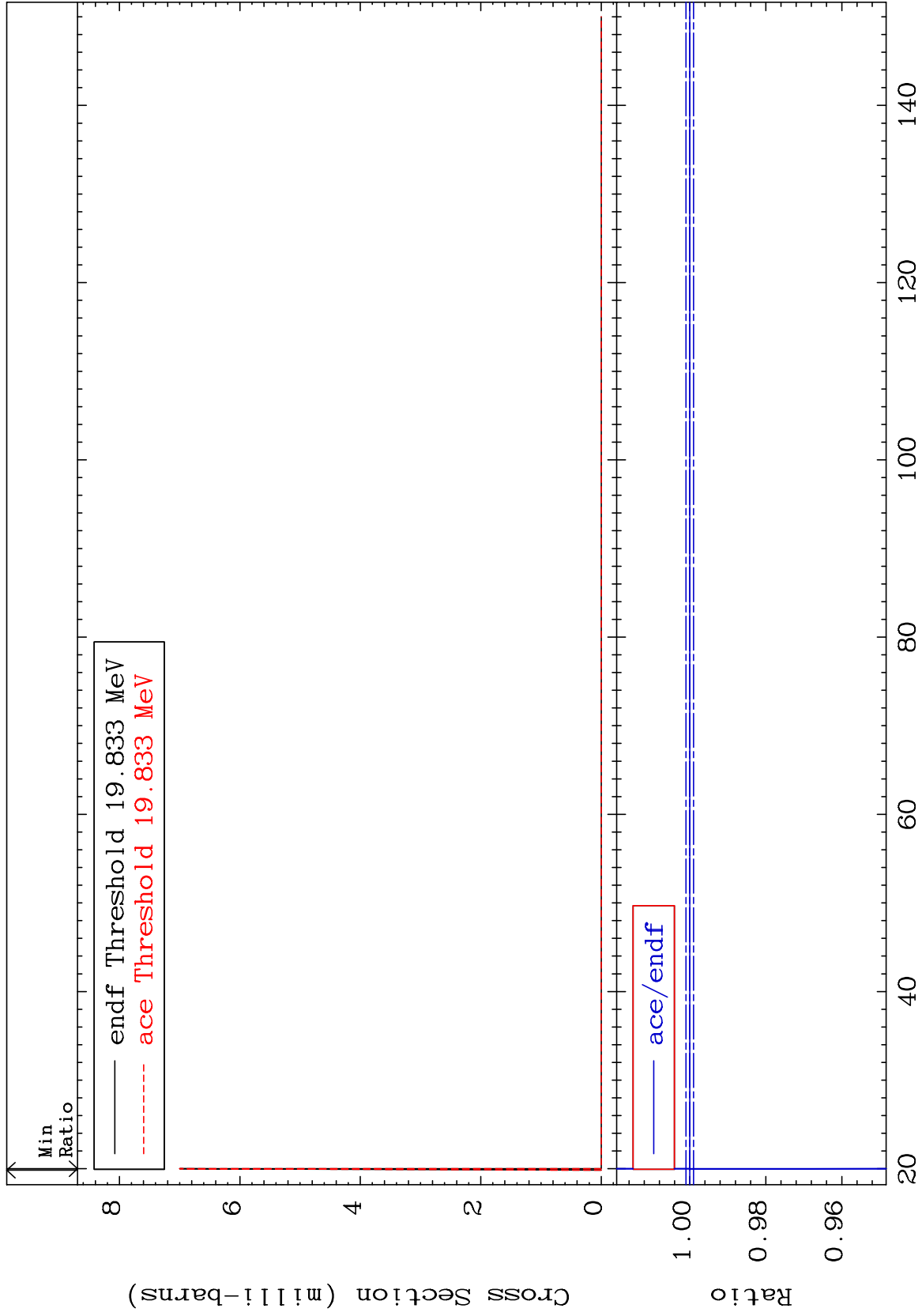
Incident Energy (MeV)

7-N -14

MAT 725

18.50 MeV (n,n') Level  
Cross Section

7-N -14  
-50.00 To 0.000 %



46

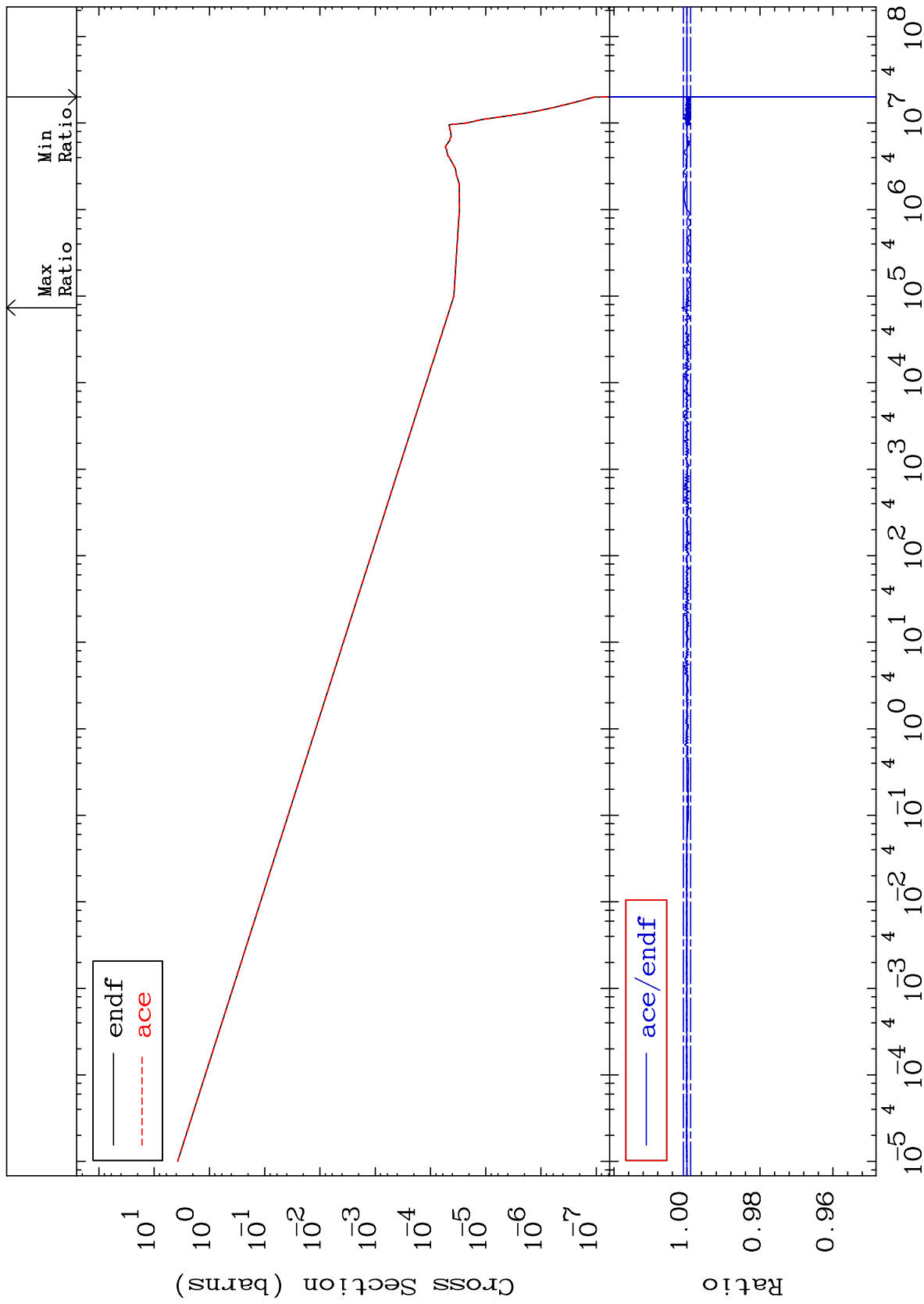
Incident Energy (MeV)

7-N -14

MAT 725

(n,  $\gamma$ )  
Cross Section

7-N -14  
-50.00 To 0.138 %



47

Incident Energy (eV)

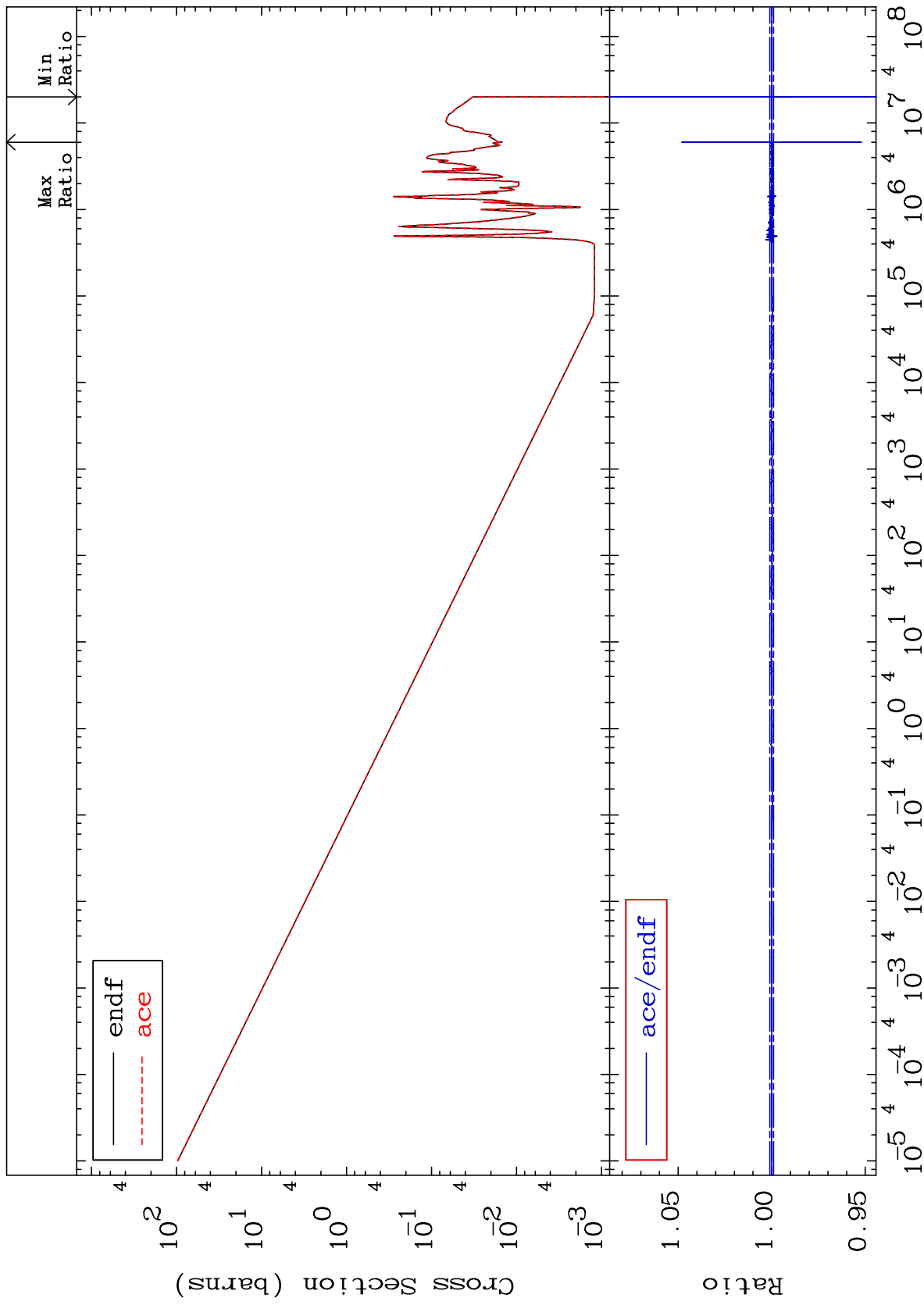
7-N -14



MAT 725

(n,p)  
Cross Section

7-N -14  
-50.00 To 4.799 %

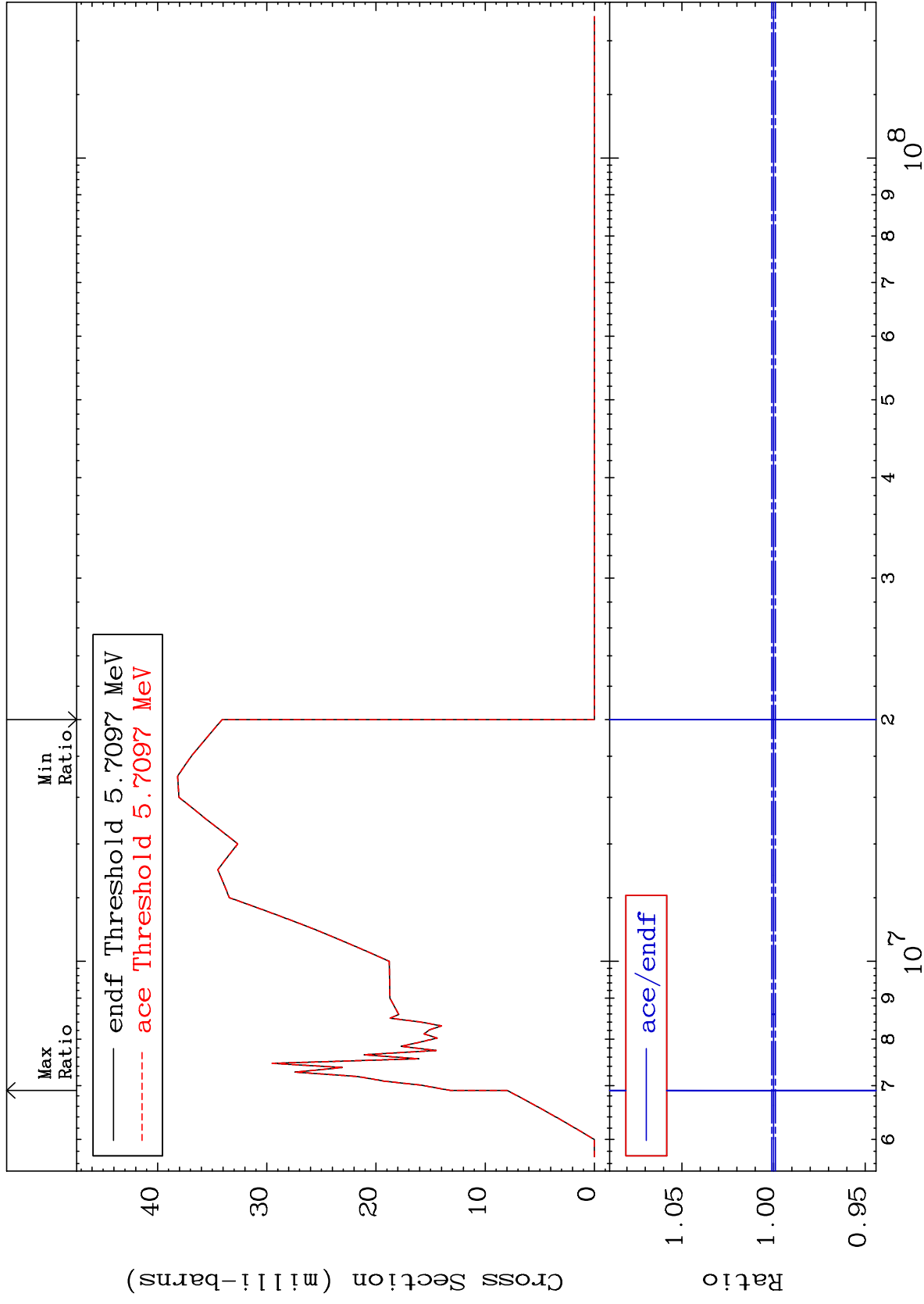


48

Incident Energy (eV)

7-N -14

MAT 725 (n,d) Cross Section 7-N -14 -50.00 To 32.71 %



7-N -14

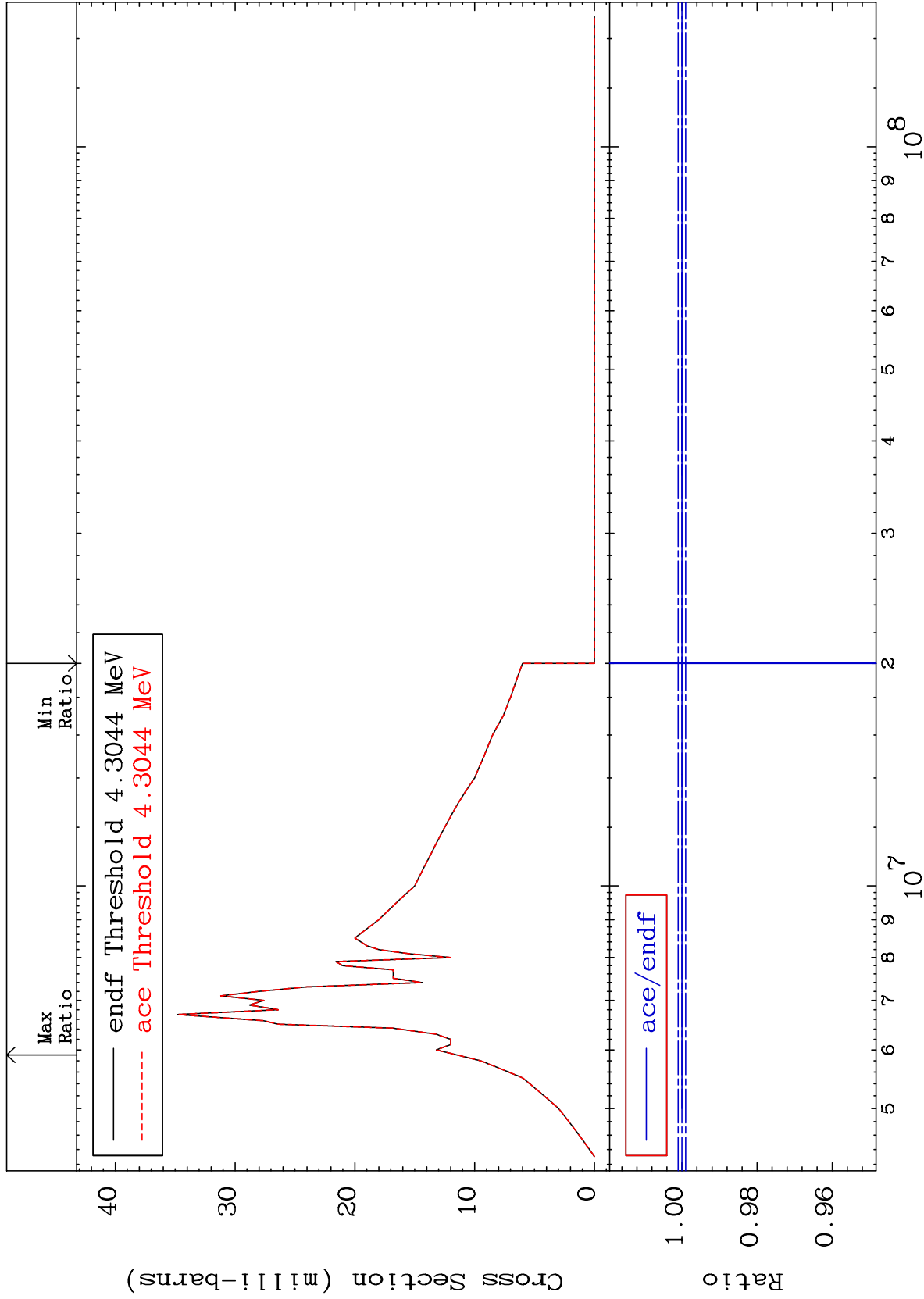
MAT 725

(n, t)

7-N -14

Cross Section

-50.00 To 0.000 %



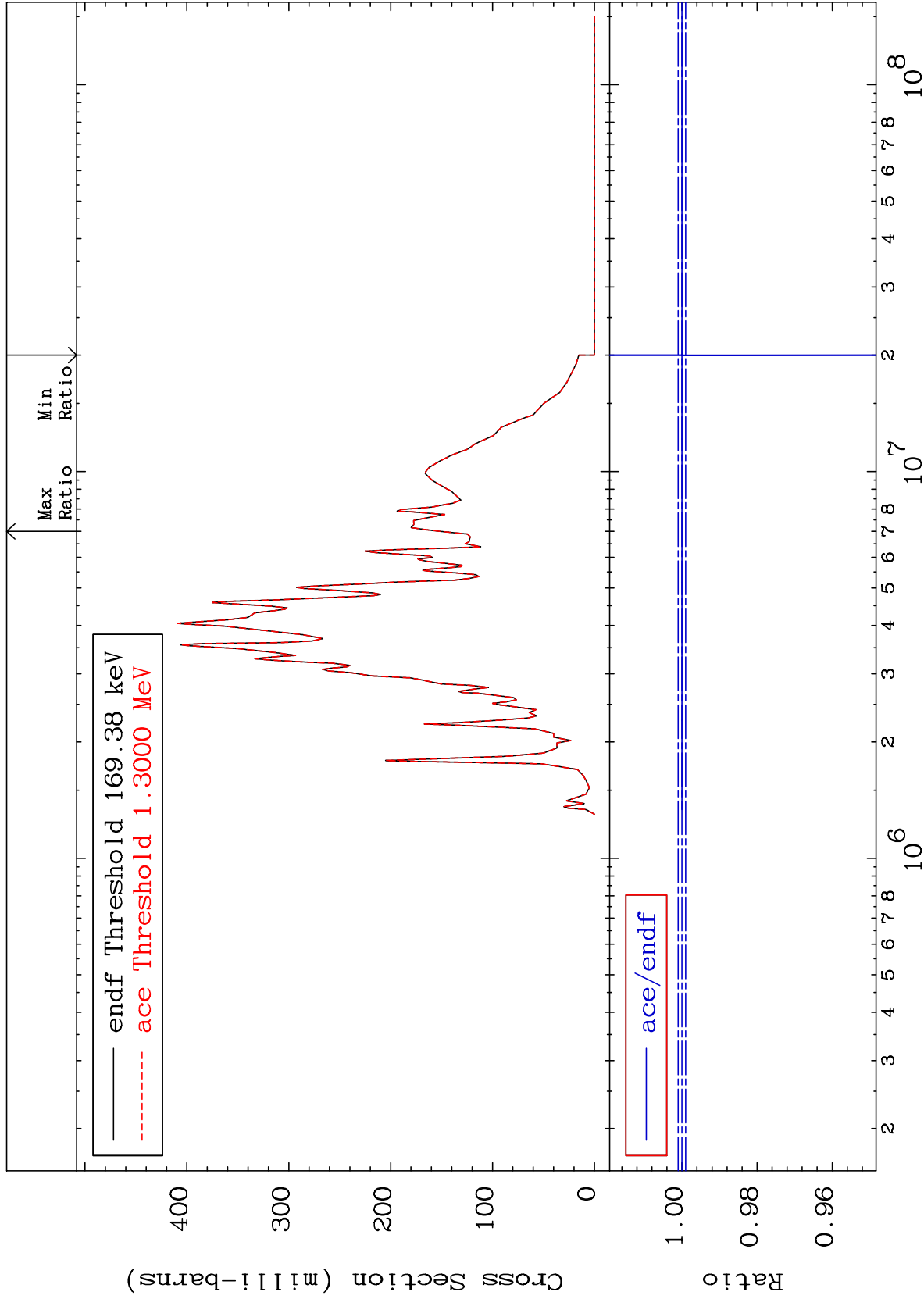
50

Incident Energy (eV)

7-N -14

MAT 725

(n,  $\alpha$ )  
Cross Section  
-50.00 To 0.000 %  
7-N -14



51

Incident Energy (eV)

7-N -14

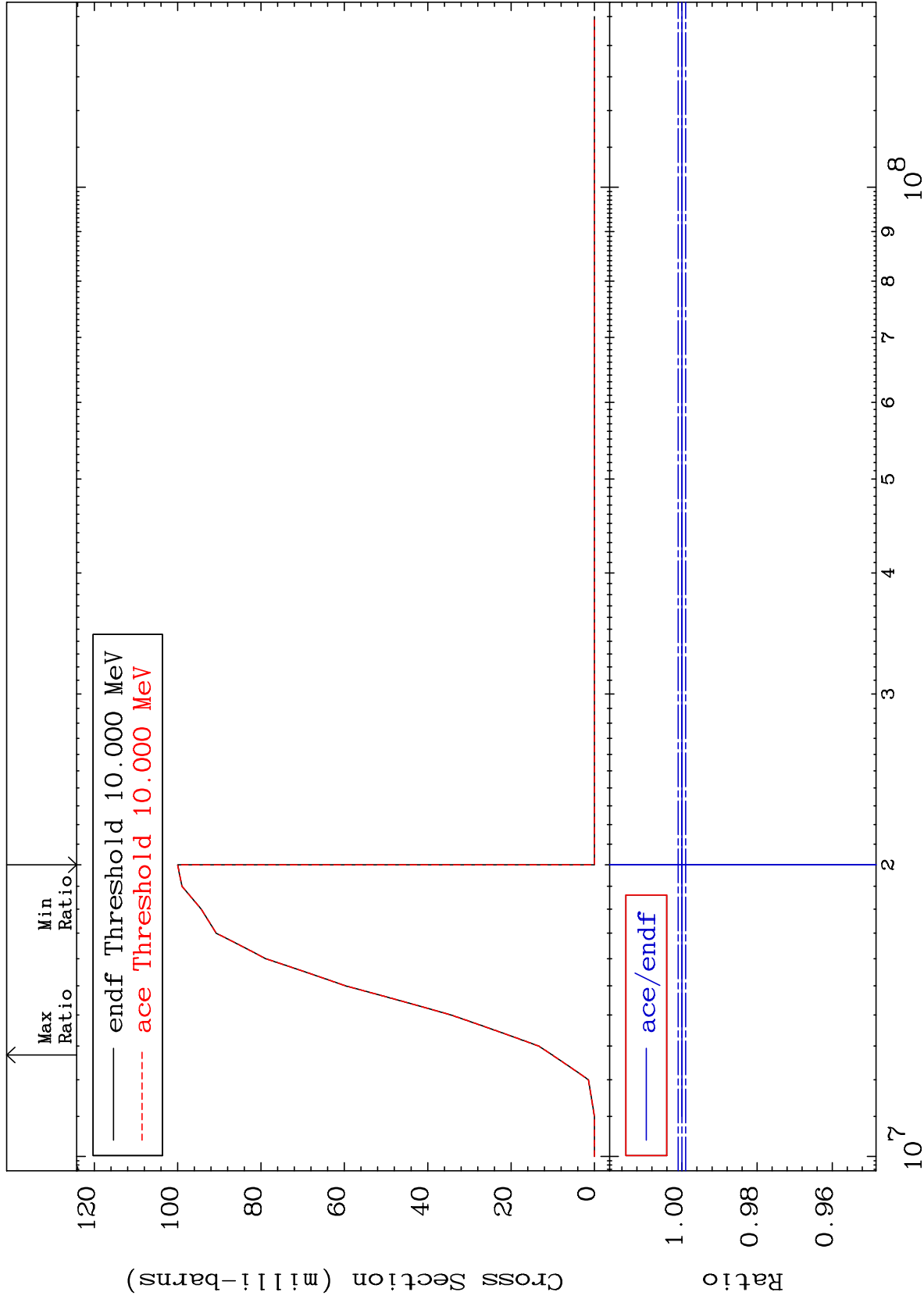
MAT 725

(n,2α)

7-N -14

Cross Section

-50.00 To 0.000 %



52

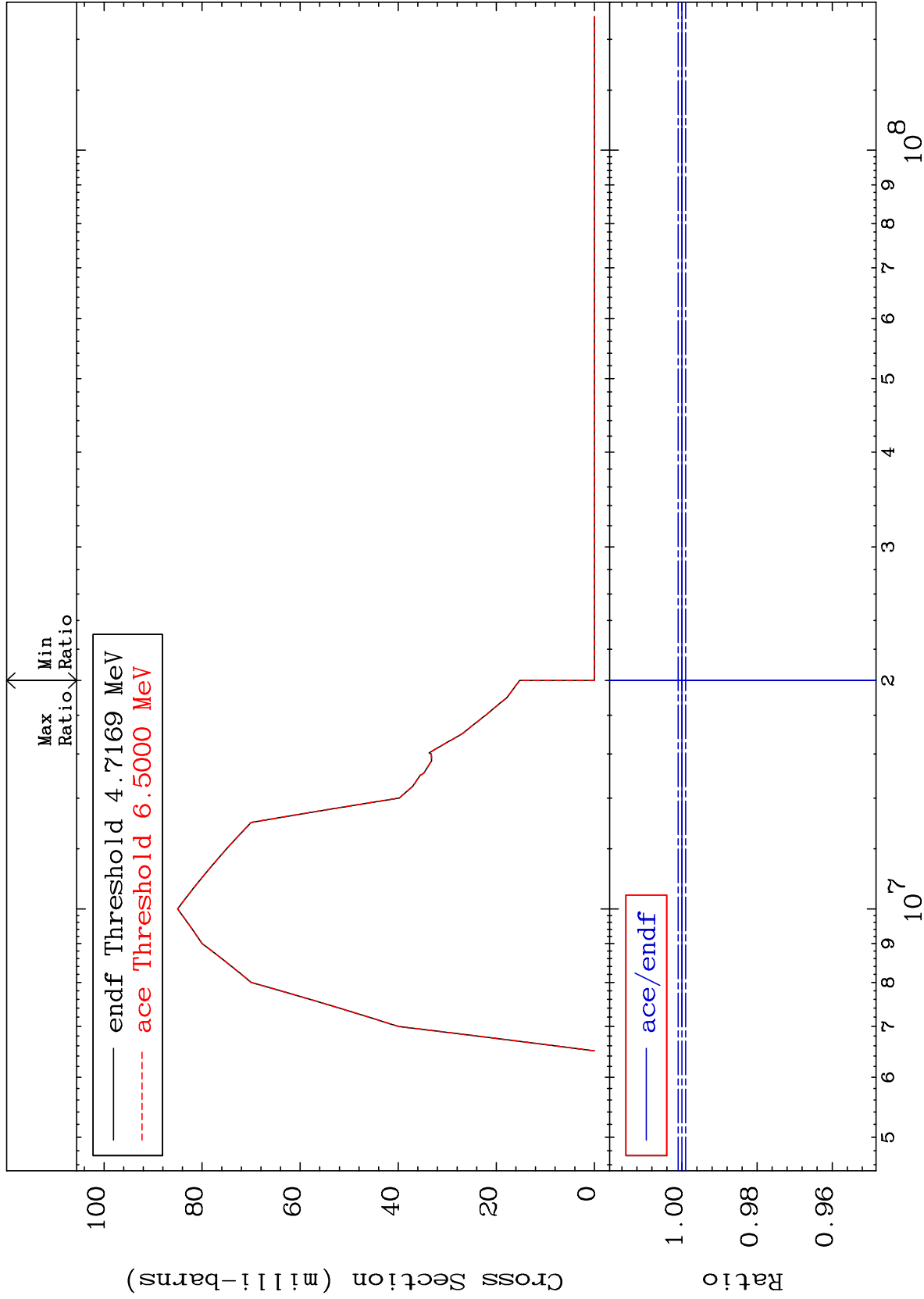
Incident Energy (eV)

7-N -14

MAT 725

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

7-N -14  
-50.00 To 0.000 %



53

7-N -14