

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)

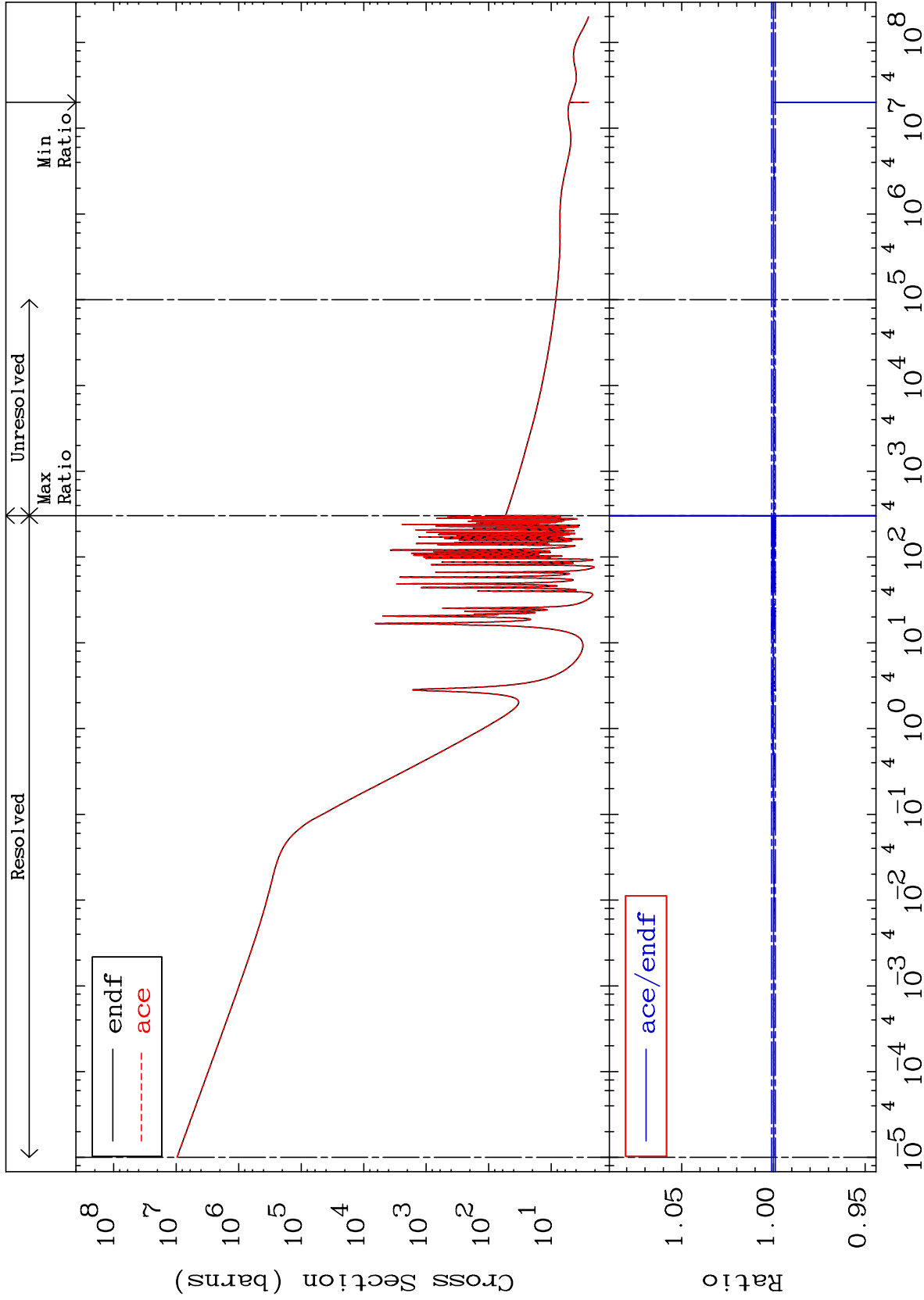
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 6440

Total  
Cross Section

64-Gd-157  
-50.37 To 552.9 %



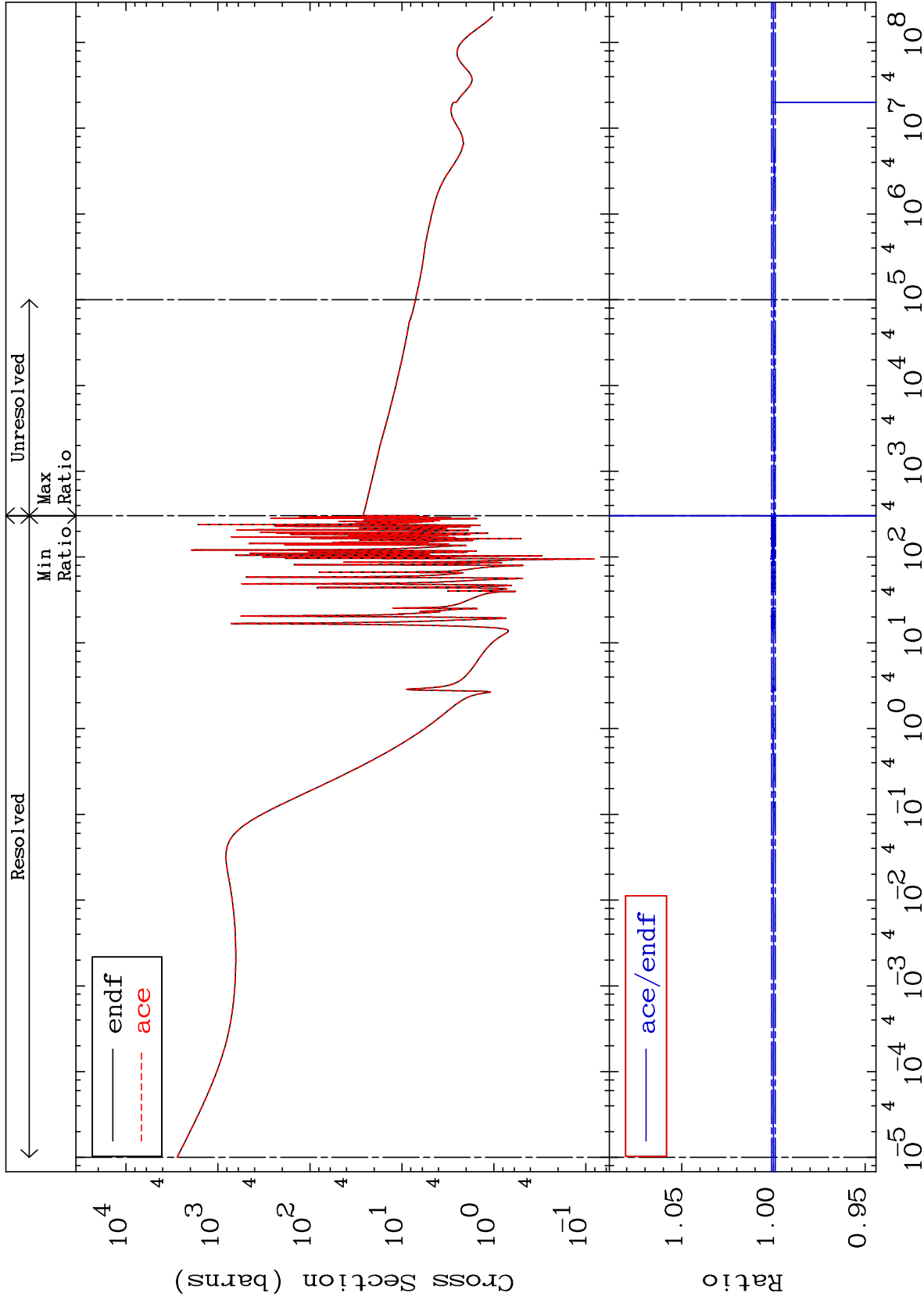
Incident Energy (eV)

64-Gd-157

MAT 6440

Elastic  
Cross Section

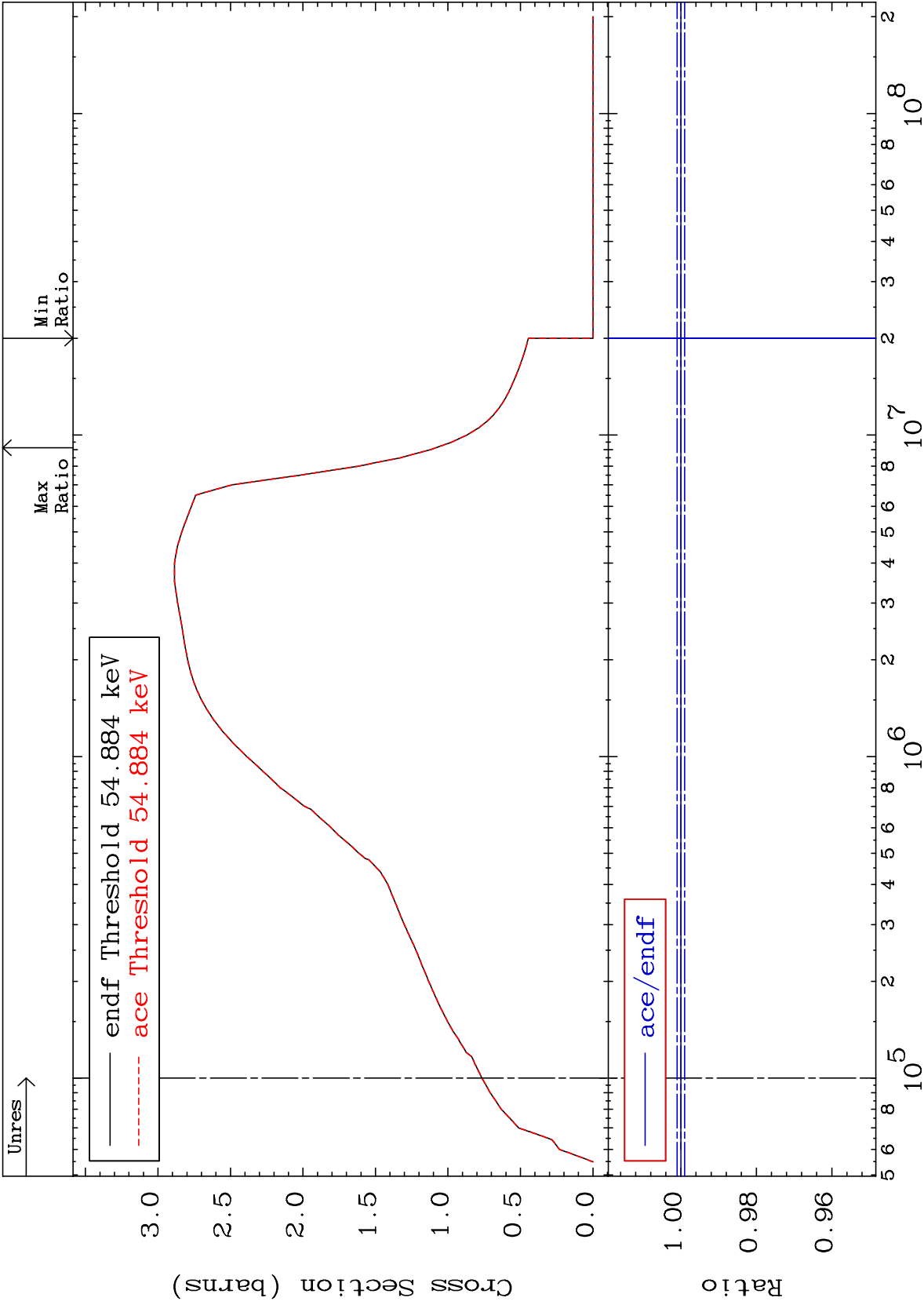
64-Gd-157  
-12.33 To 238.4 %



MAT 6440

Inelastic  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



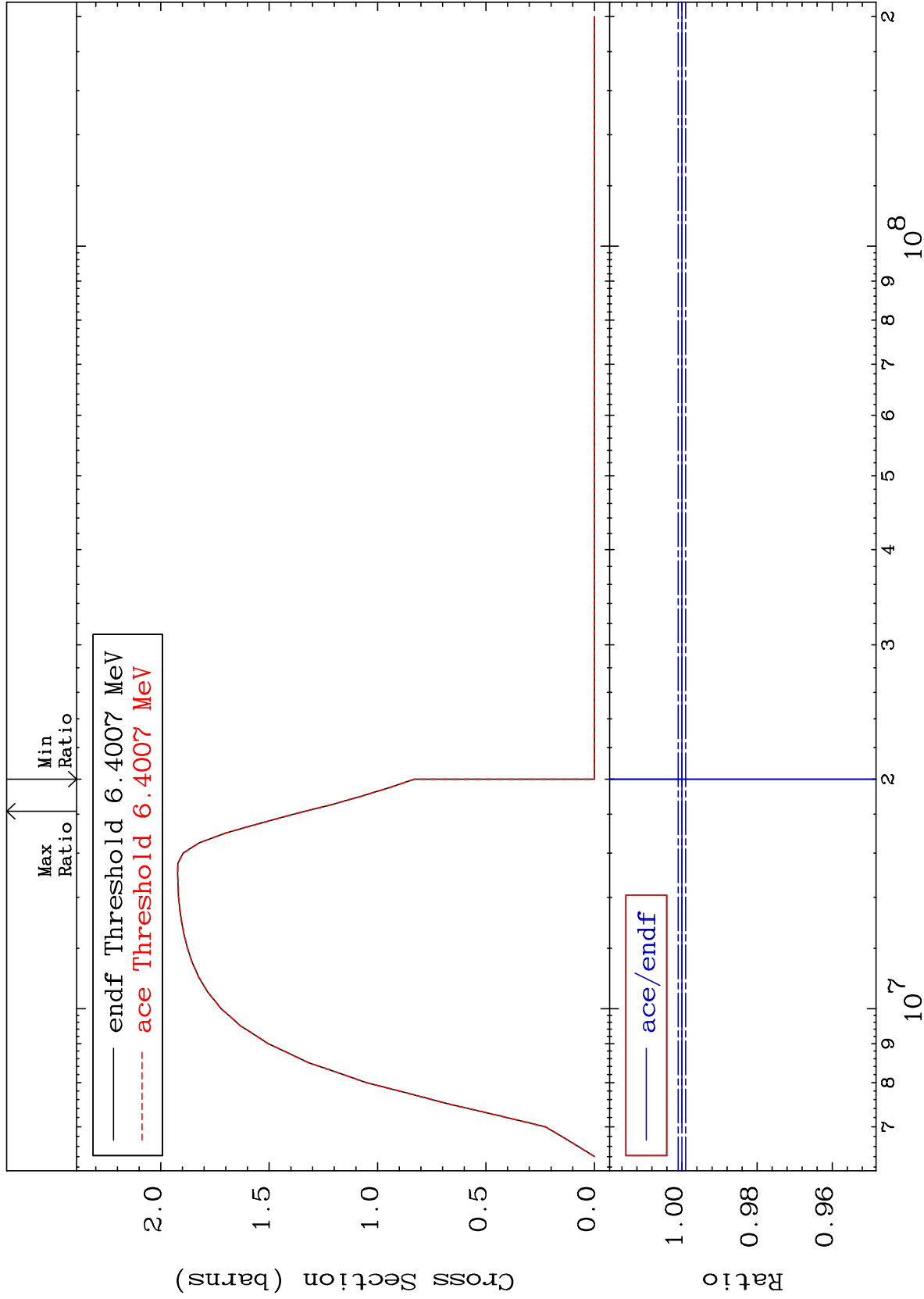
MAT 6440

(n, 2n)

64-Gd-157

Cross Section

-100.0 To 0.000 %



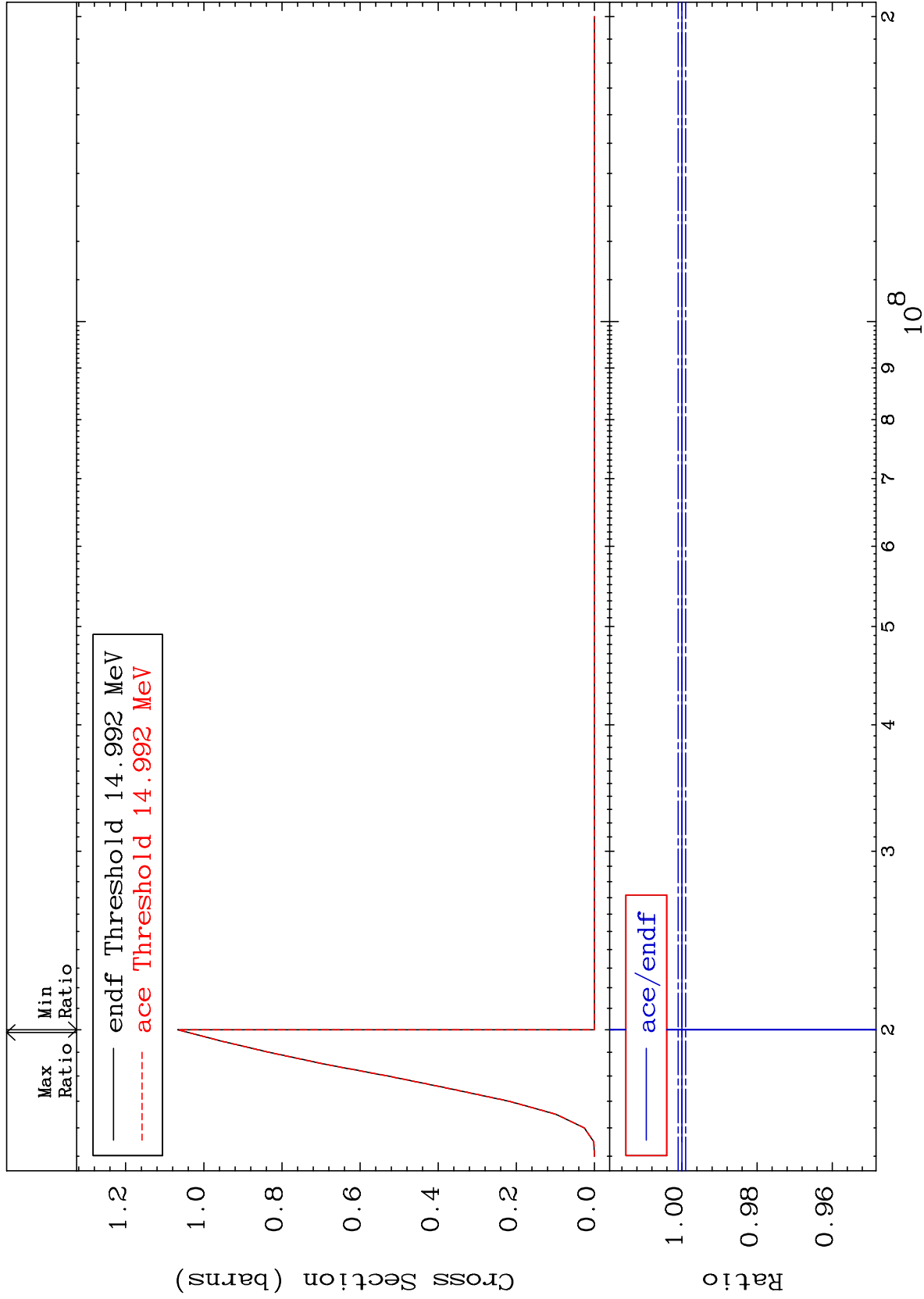
MAT 6440

(n, 3n)

64-Gd-157

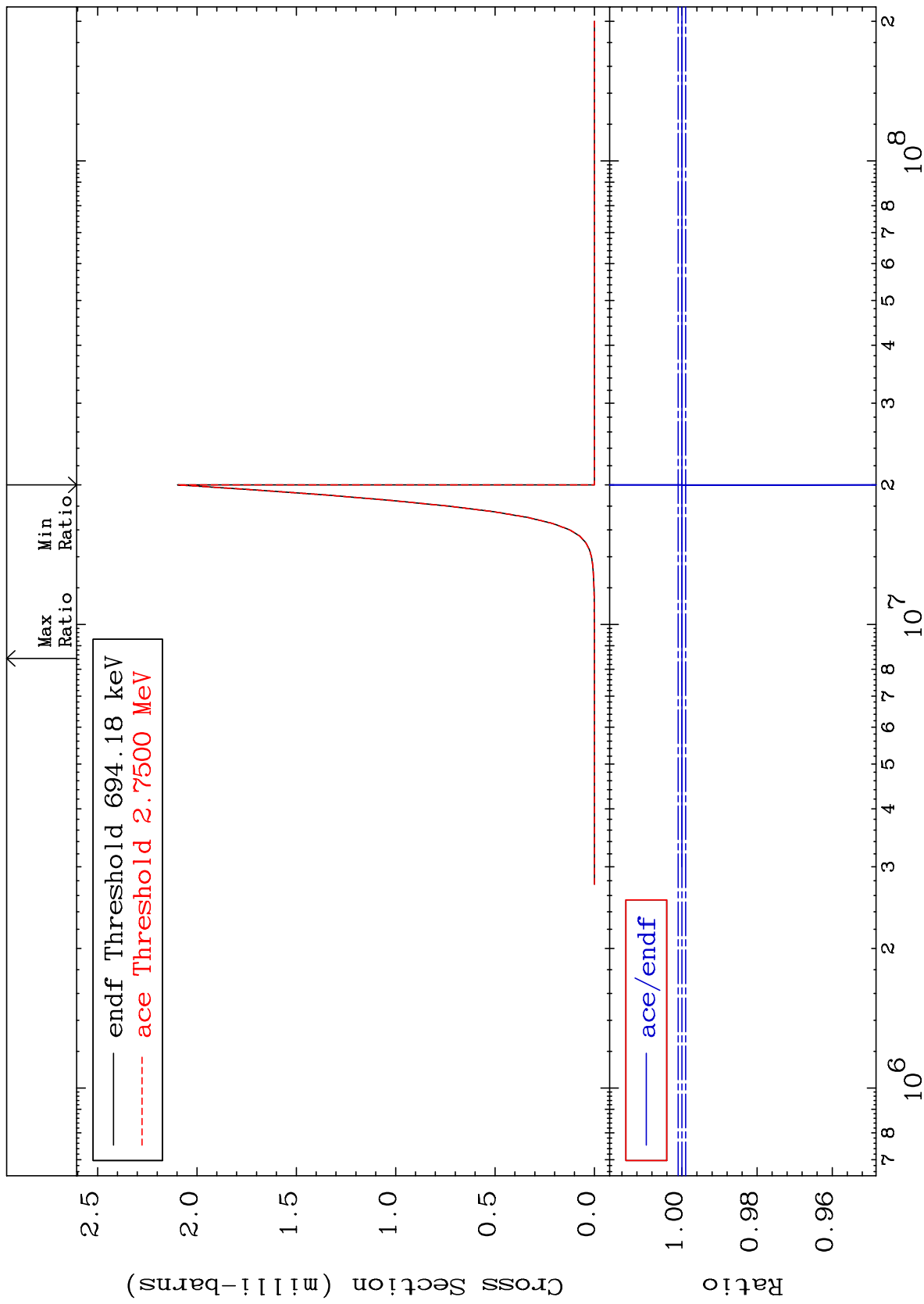
Cross Section

-100.0 To 0.000 %



MAT 6440

$(n, n') \alpha$   
Cross Section  
64-Gd-157  
-100.0 To 0.000 %



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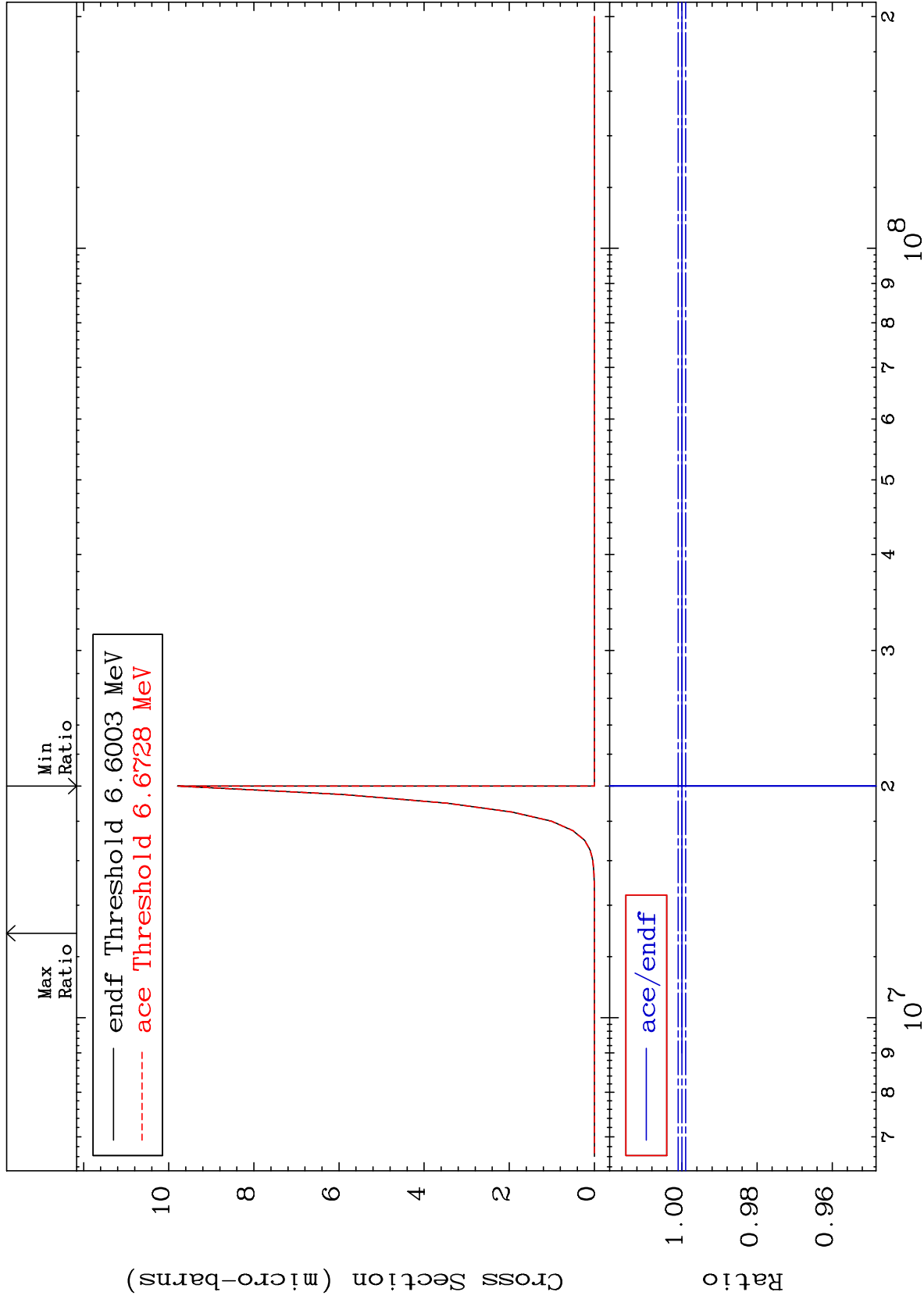
64-Gd-157

64-Gd-157

MAT 6440

(n,2n)  $\alpha$   
Cross Section

64-Gd-157  
-100.0 To 0.000 %



7

Incident Energy (eV)

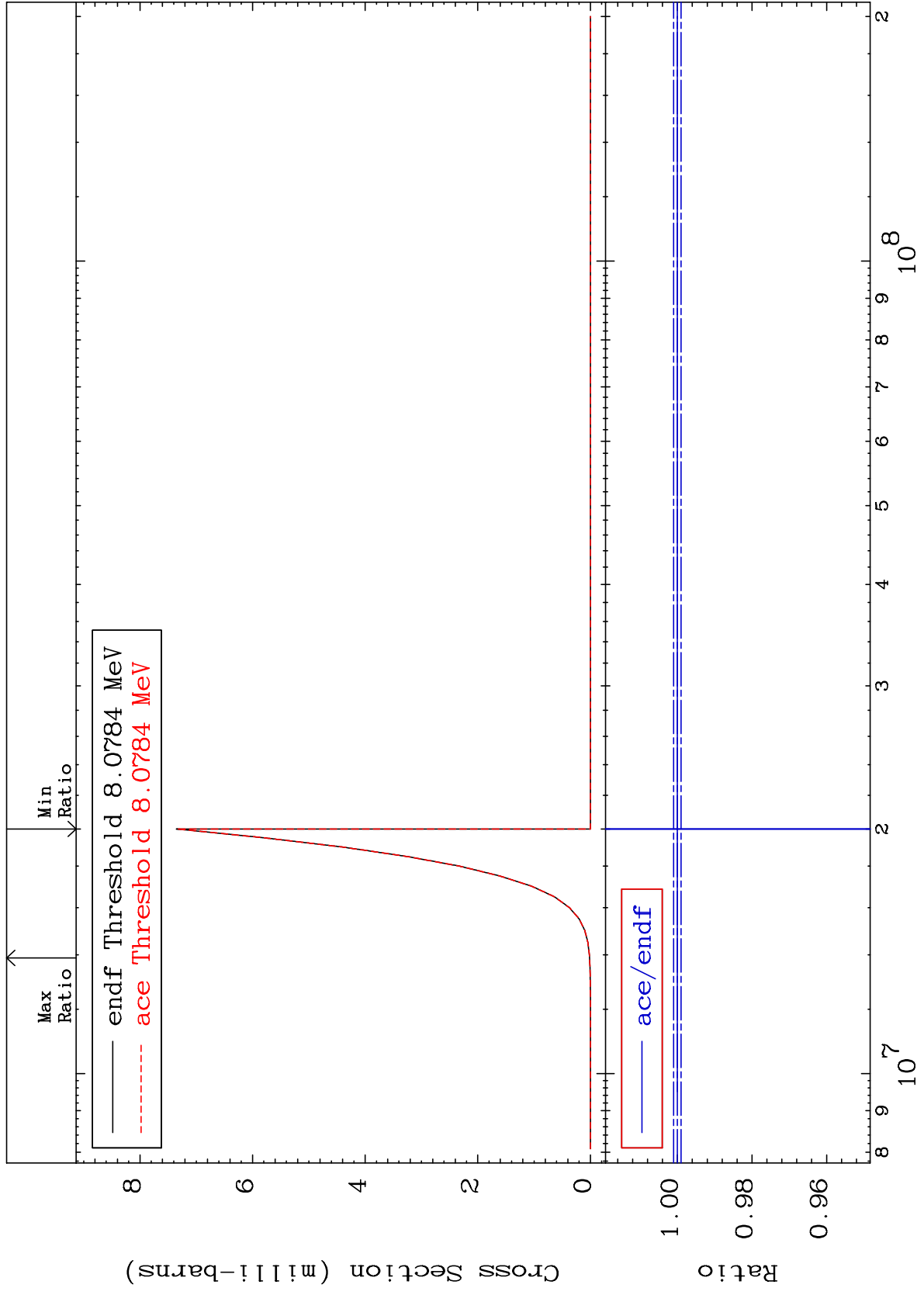
64-Gd-157



MAT 6440

(n, n') p  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



8

Incident Energy (eV)

64-Gd-157

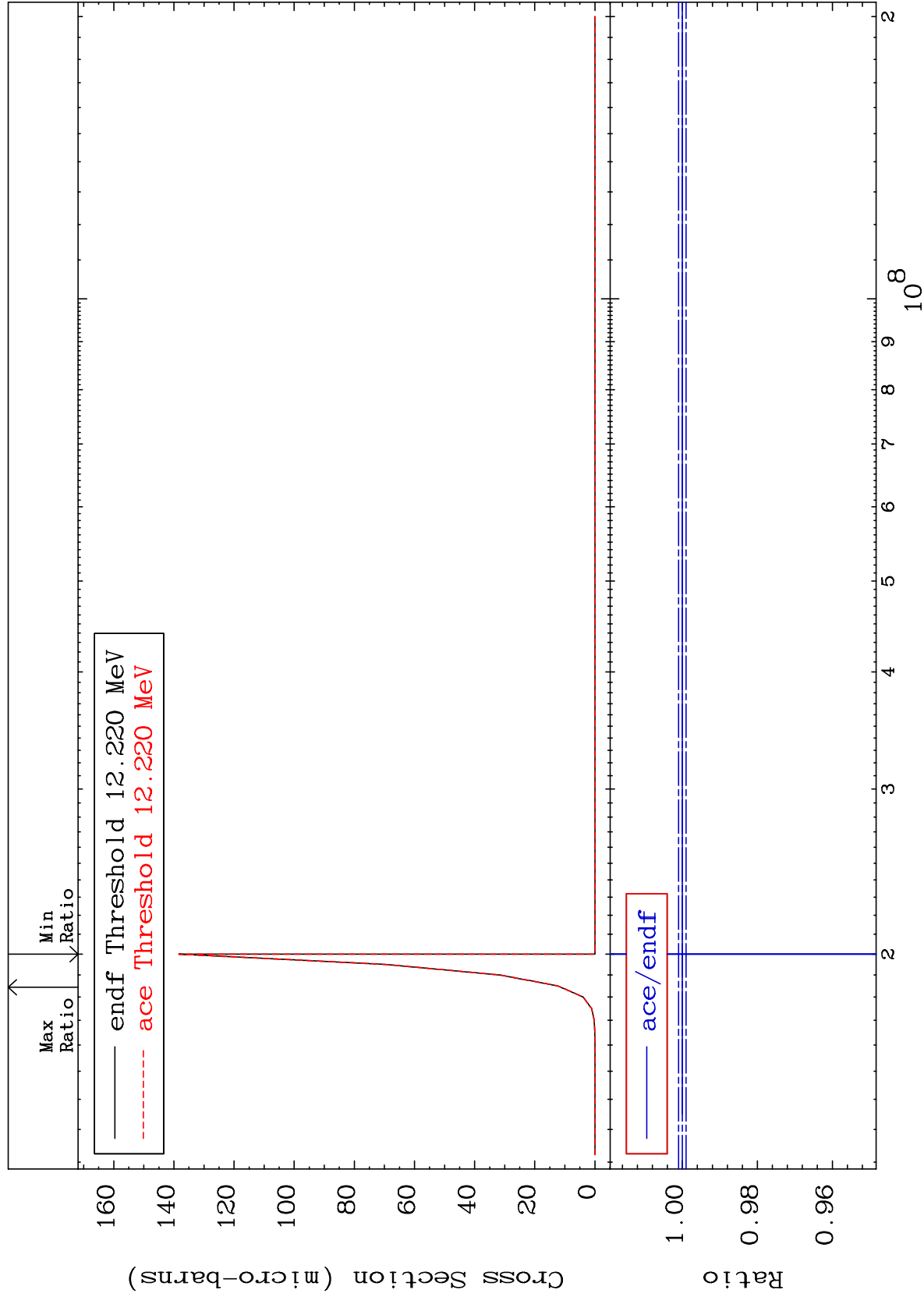
MAT 6440

(n, n') d

64-Gd-157

Cross Section

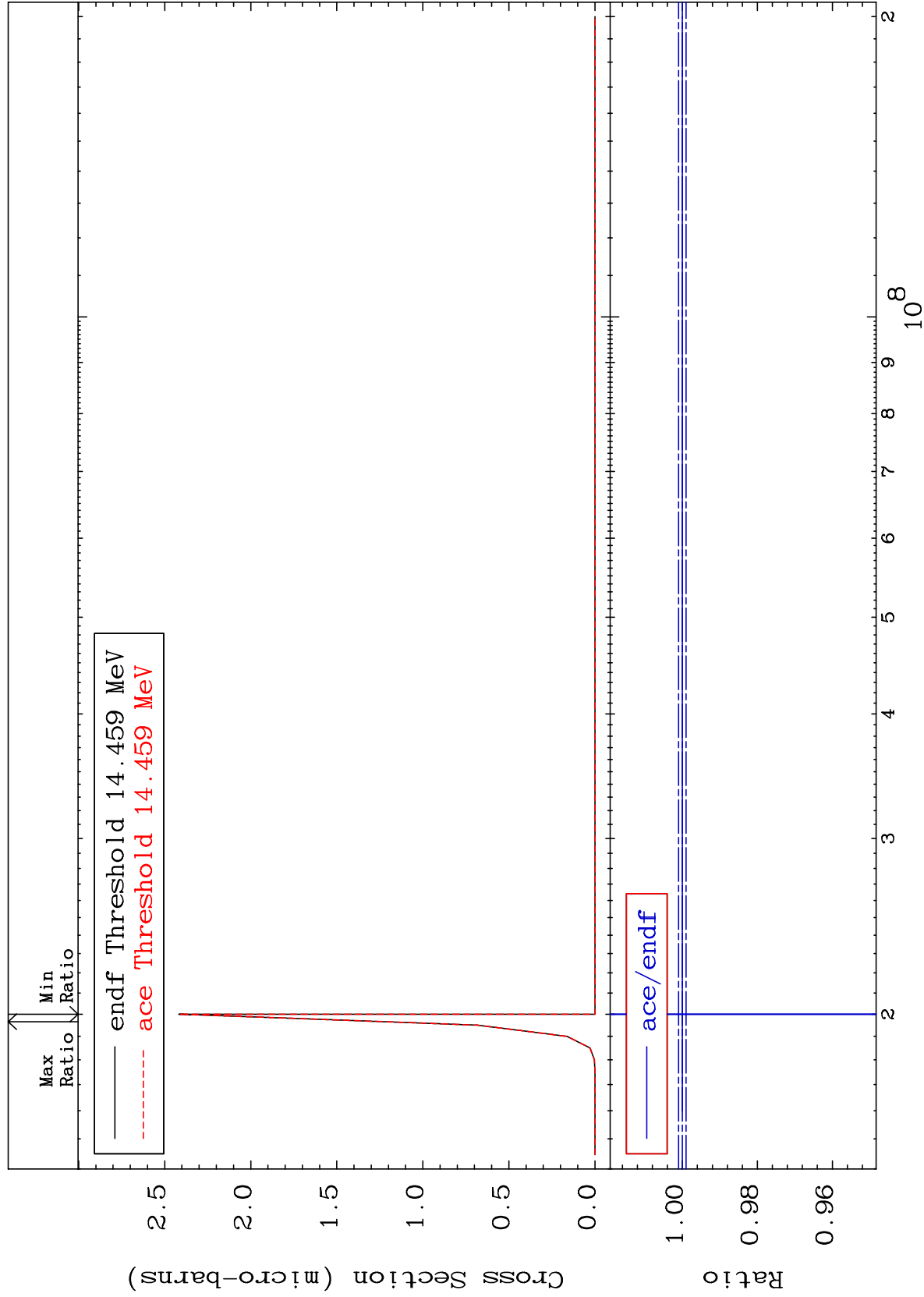
-100.0 To 0.000 %



MAT 6440

(n,2n) p  
Cross Section

64-Gd-157  
-100.0 To 0.000 %

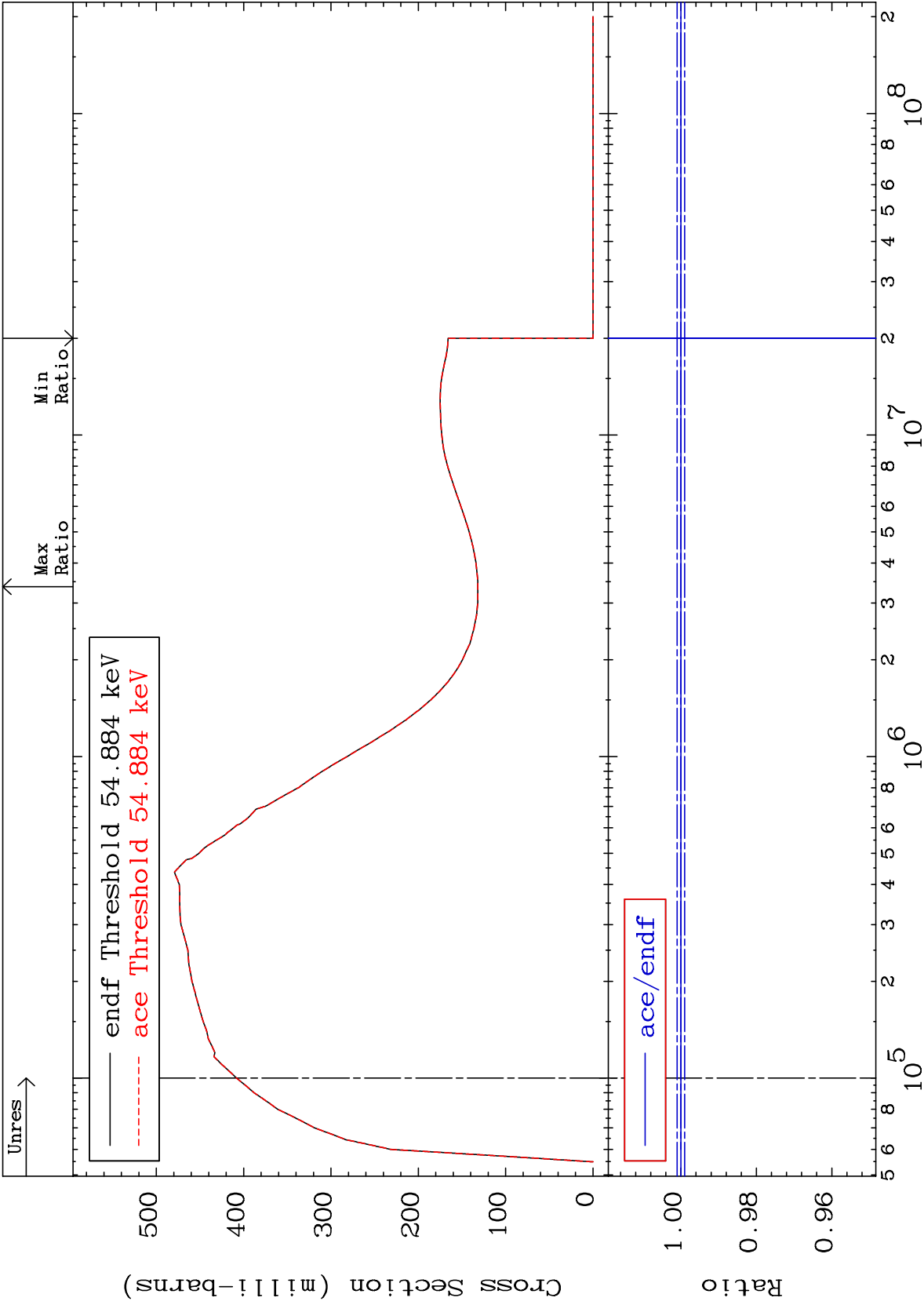


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Incident Energy (eV)

64-Gd-157

MAT 6440      54.53 keV (n,n') Level      64-Gd-157  
 Cross Section      -100.0 To 0.000 %



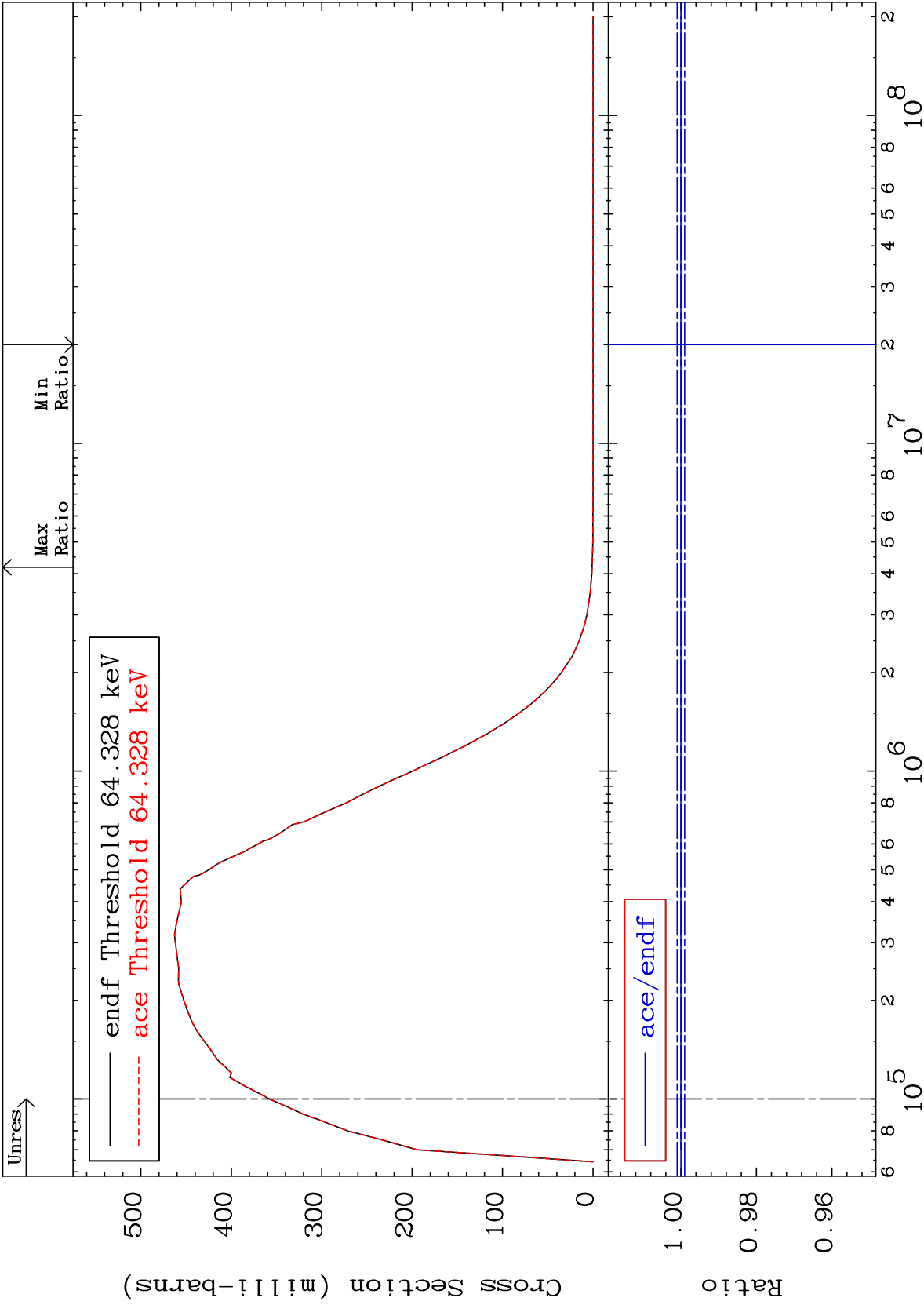
64-Gd-157

Incident Energy (eV)

MAT 6440

63.92 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



12

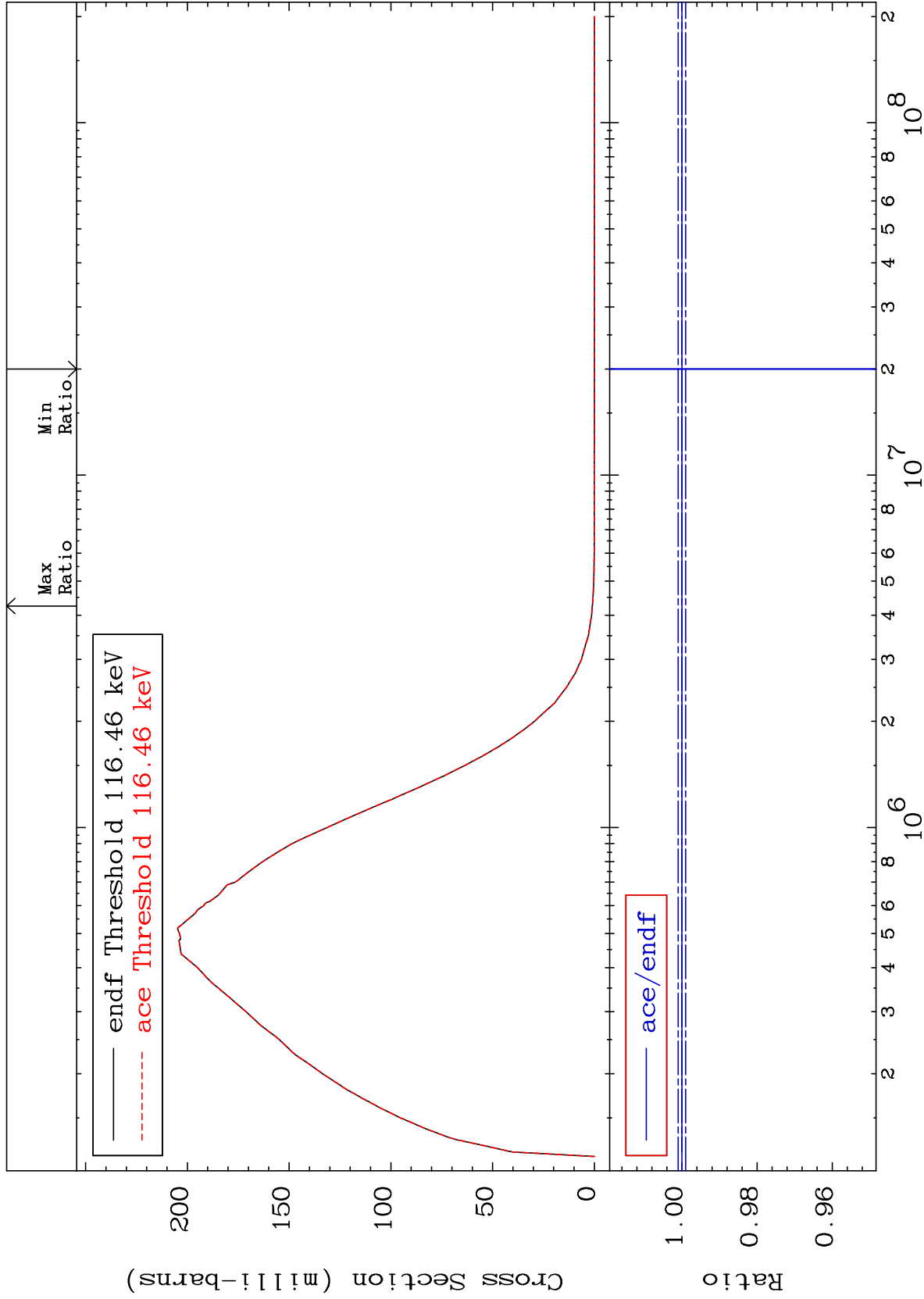
Incident Energy (eV)

64-Gd-157

MAT 6440

115.7 keV (n,n') Level  
Cross Section

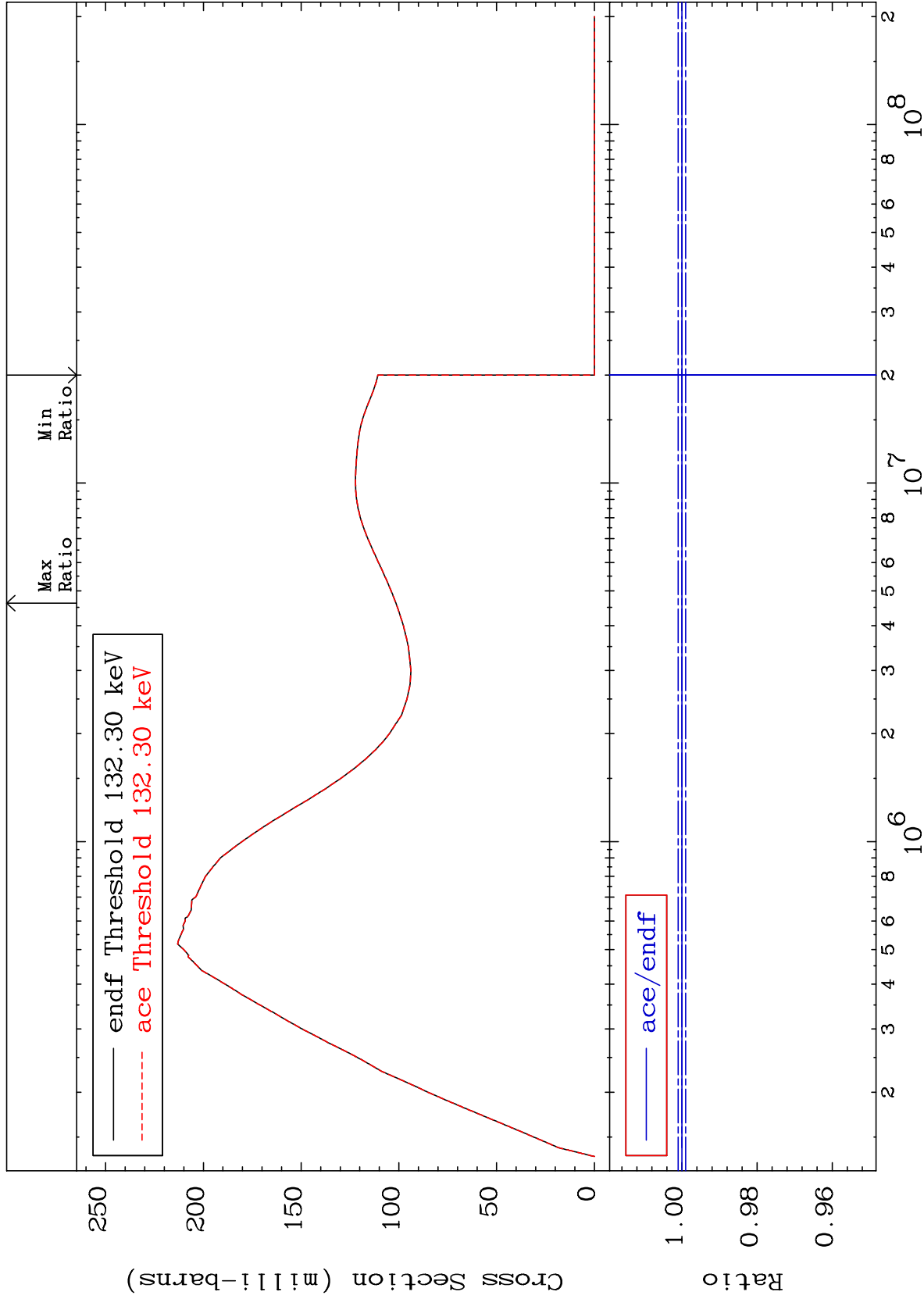
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

131.5 keV (n,n') Level  
Cross Section

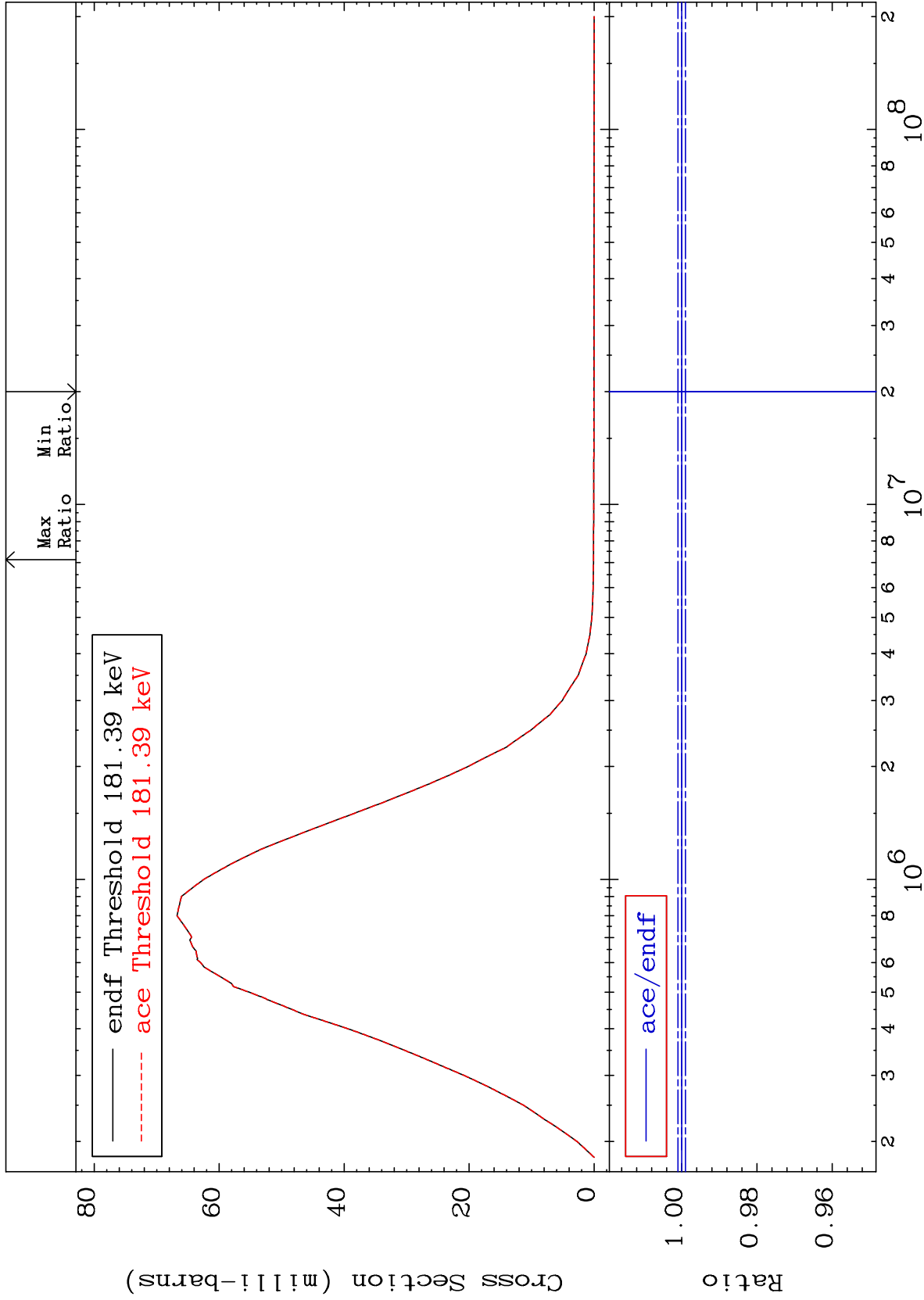
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

180.2 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



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Incident Energy (eV)

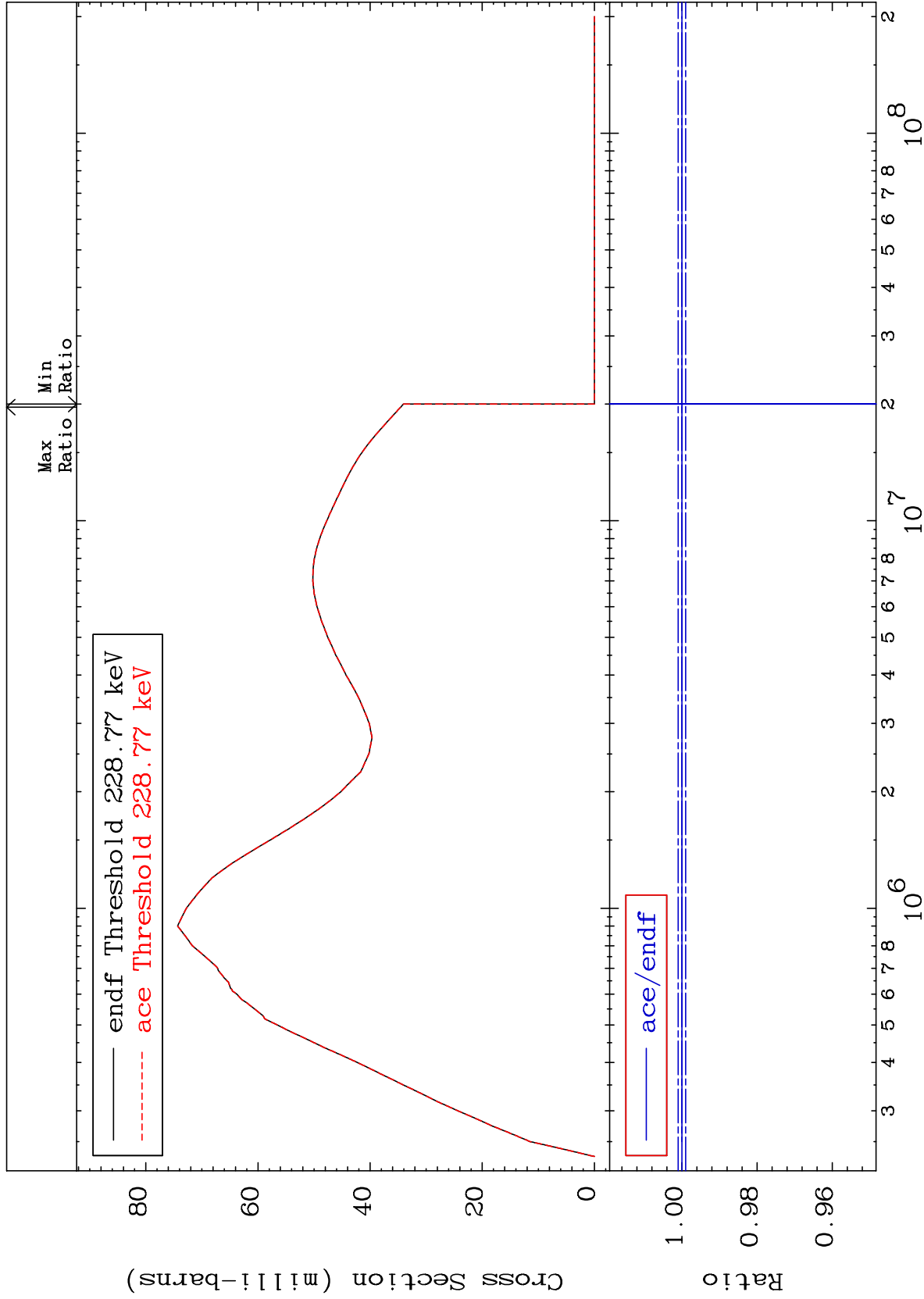
64-Gd-157



MAT 6440

227.3 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



16

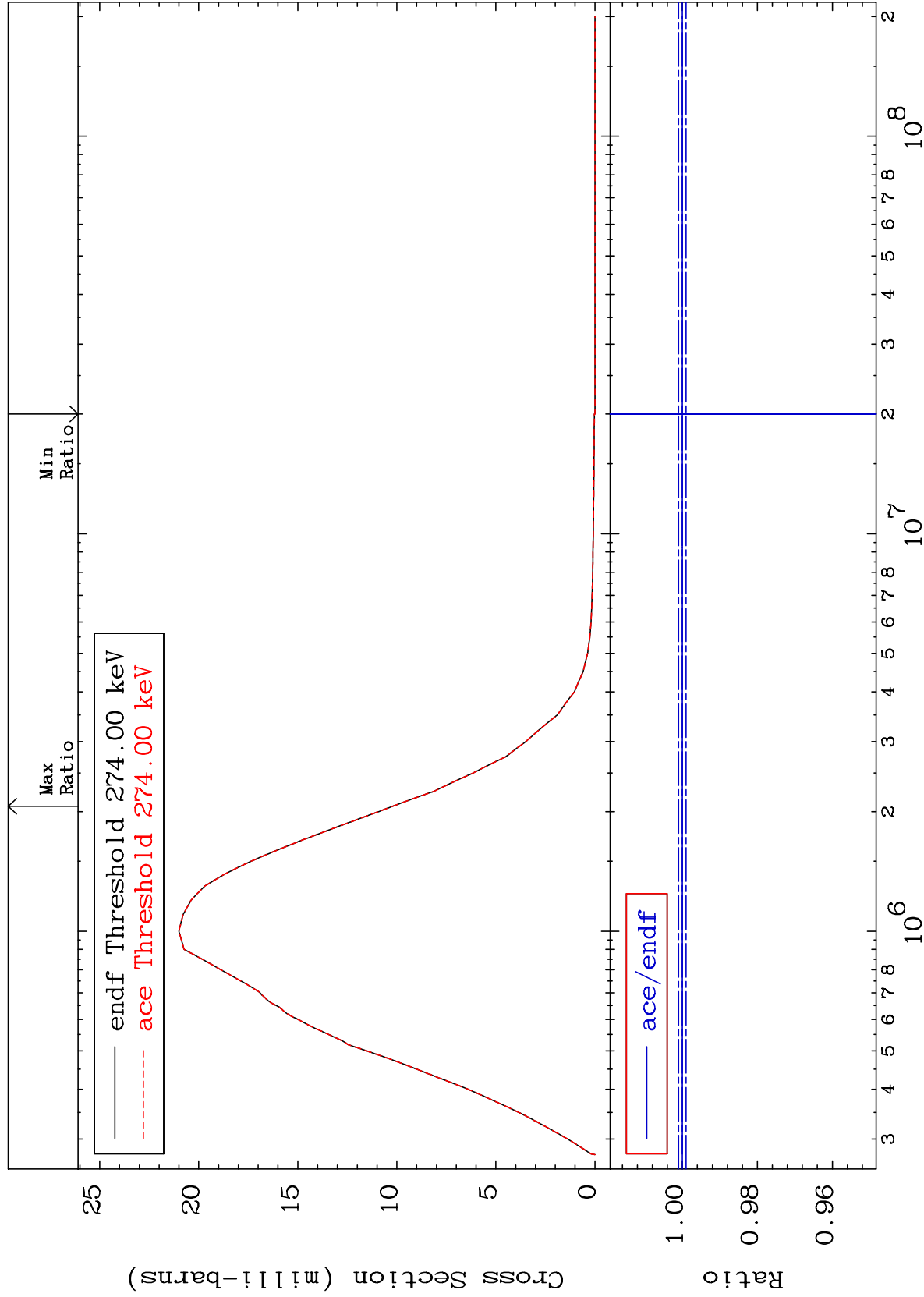
Incident Energy (eV)

64-Gd-157

MAT 6440

272.3 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



17

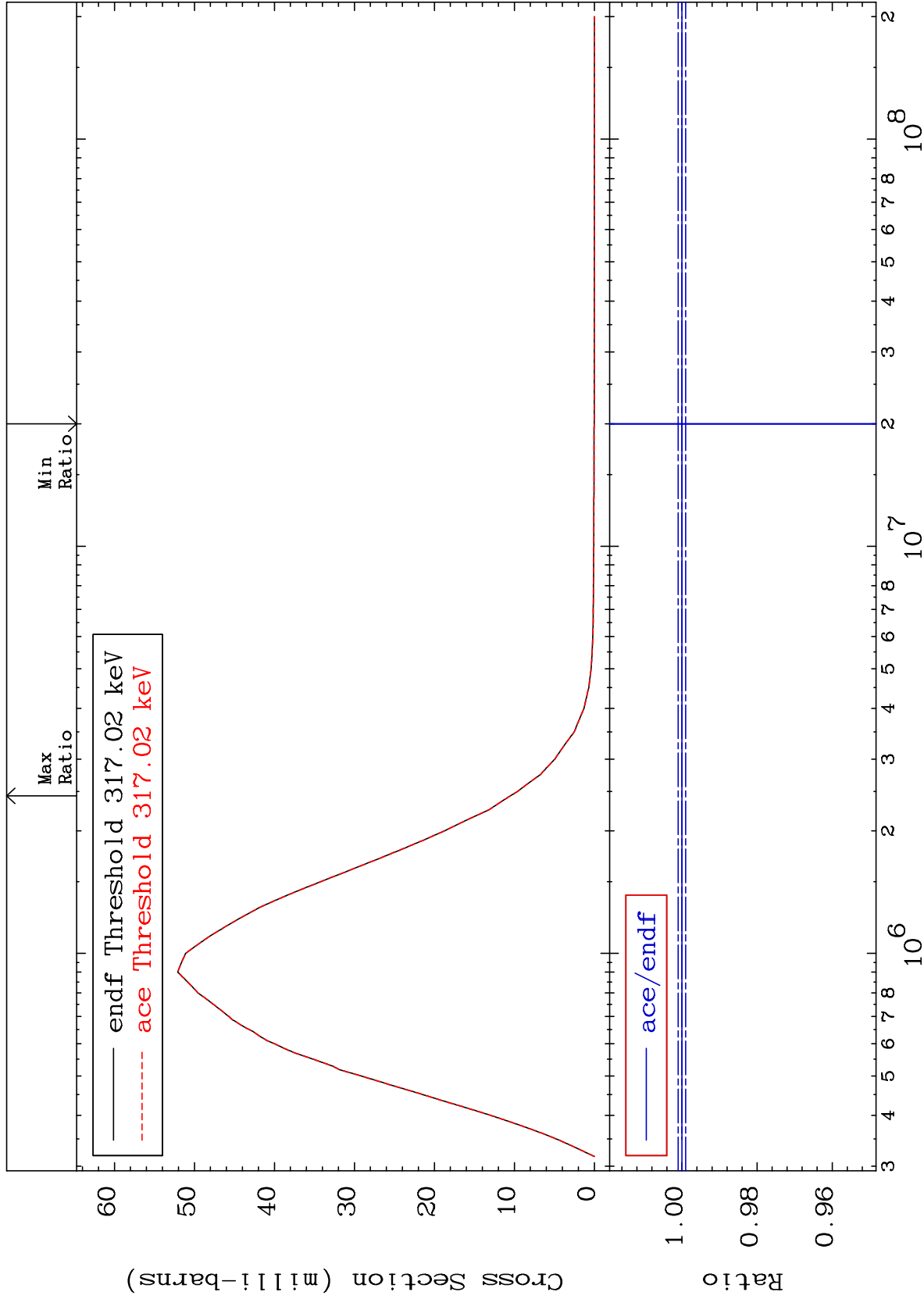
Incident Energy (eV)

64-Gd-157

MAT 6440

315.0 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



18

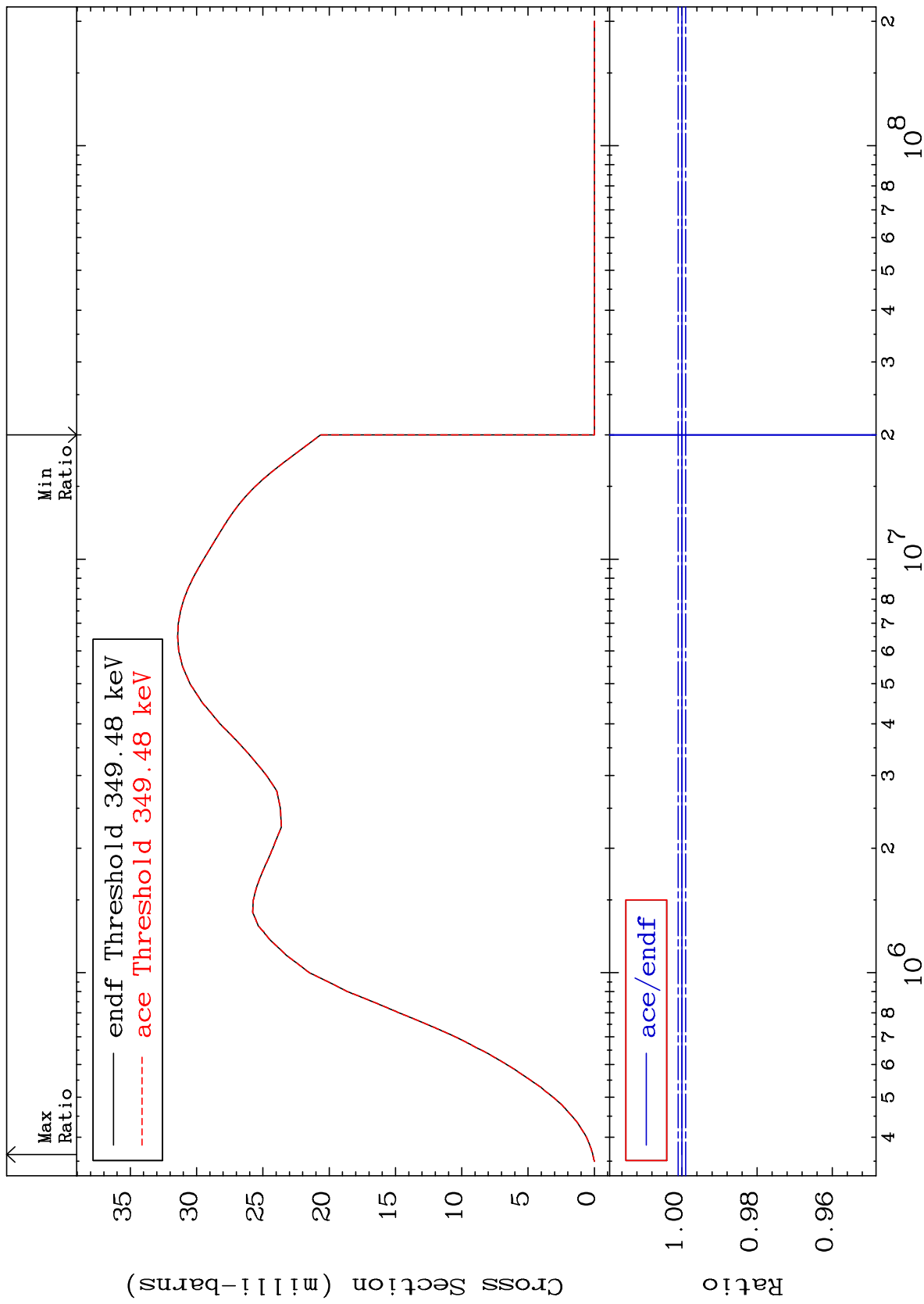
Incident Energy (eV)

64-Gd-157

MAT 6440

347.3 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



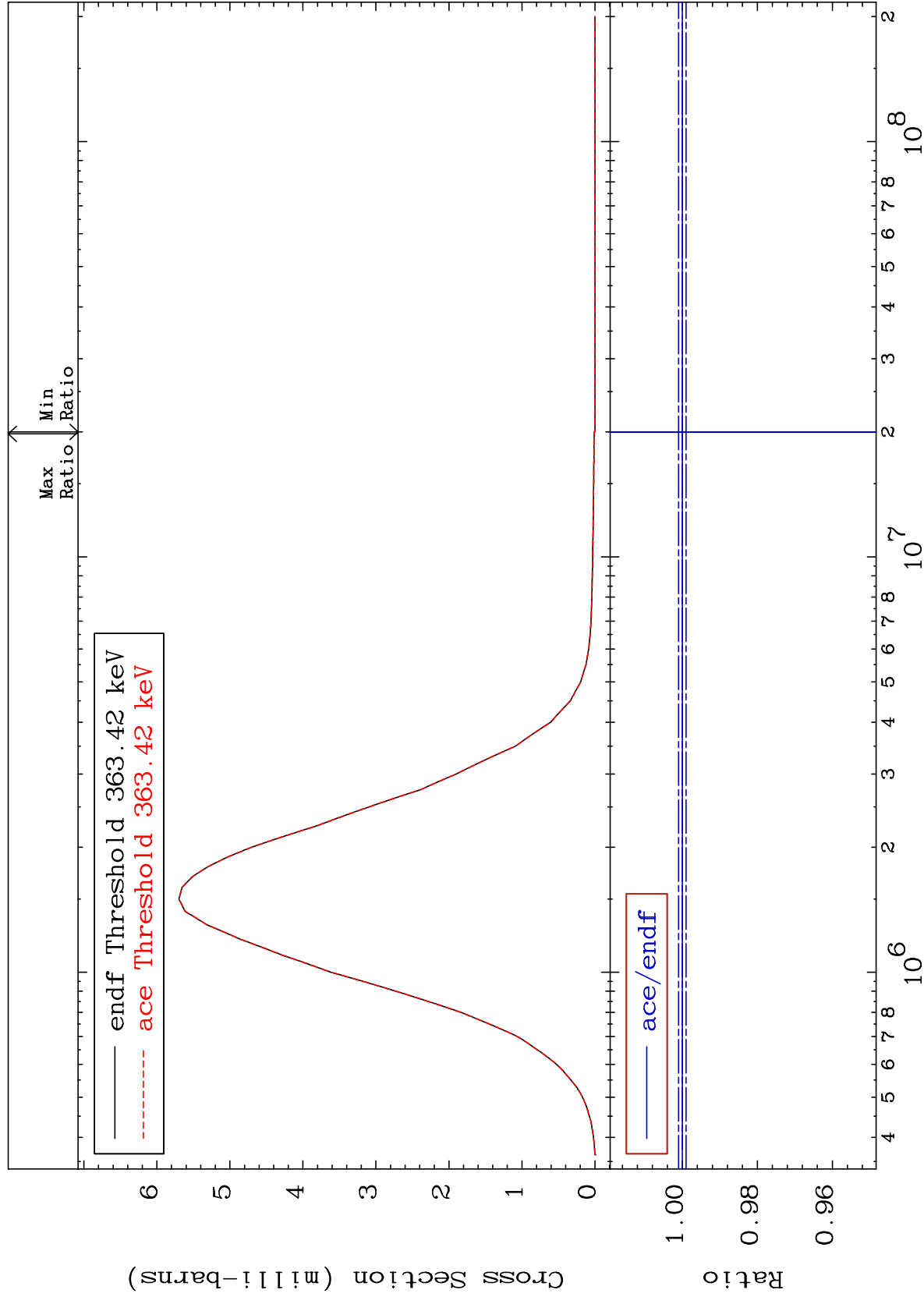
19

64-Gd-157

MAT 6440

361.1 keV (n,n') Level  
Cross Section

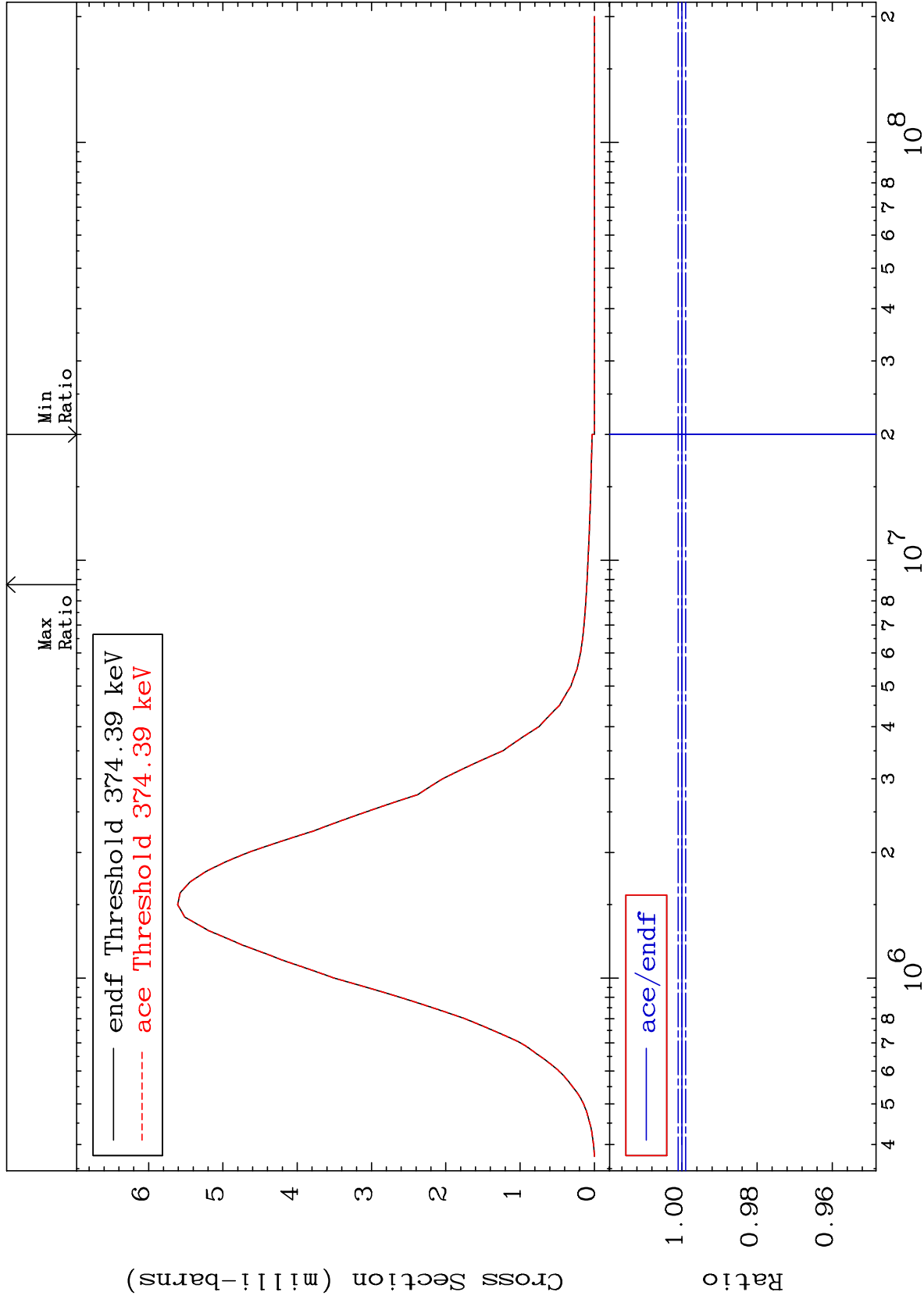
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

372.0 keV (n,n') Level  
Cross Section

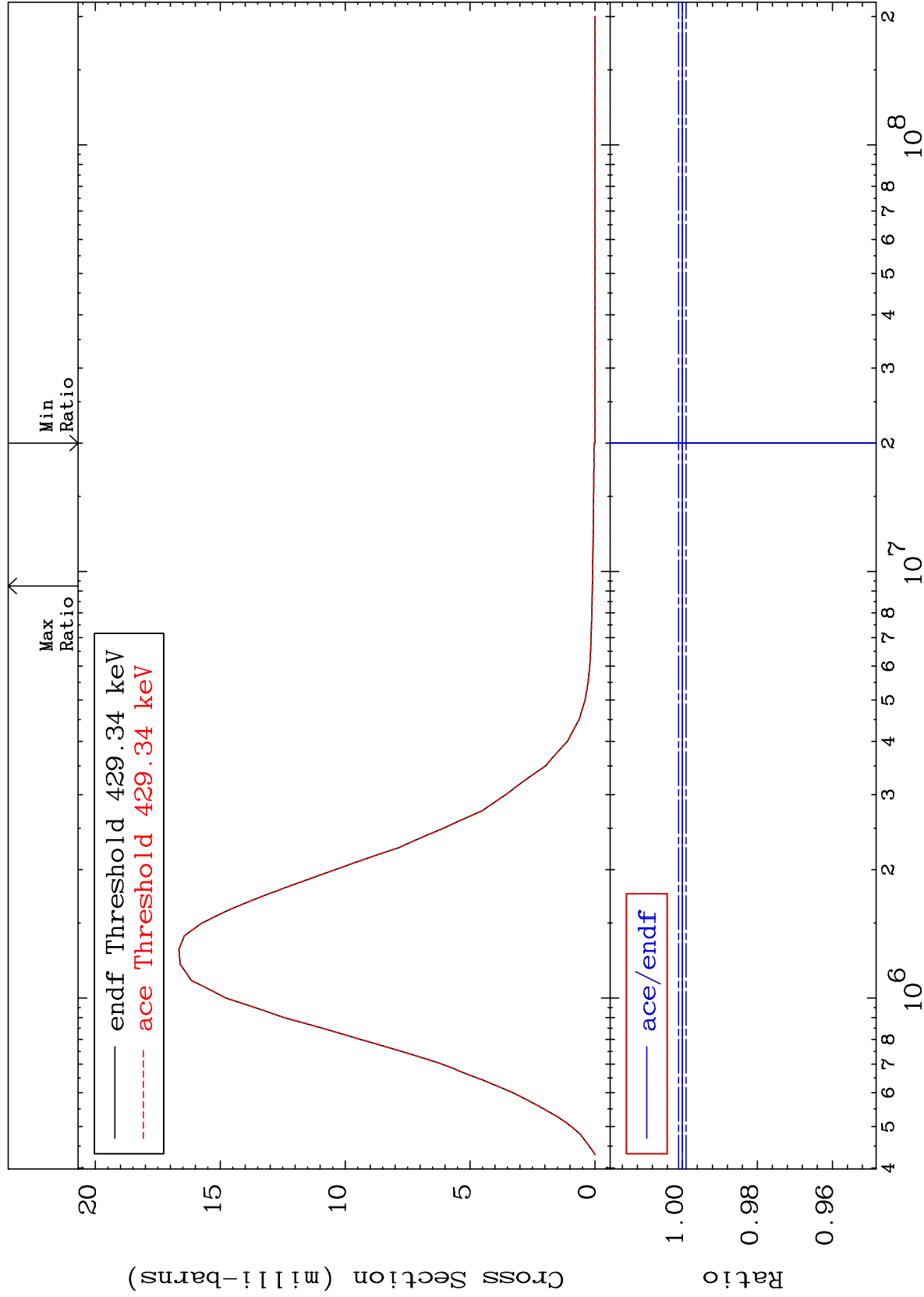
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

426.6 keV (n,n') Level  
Cross Section

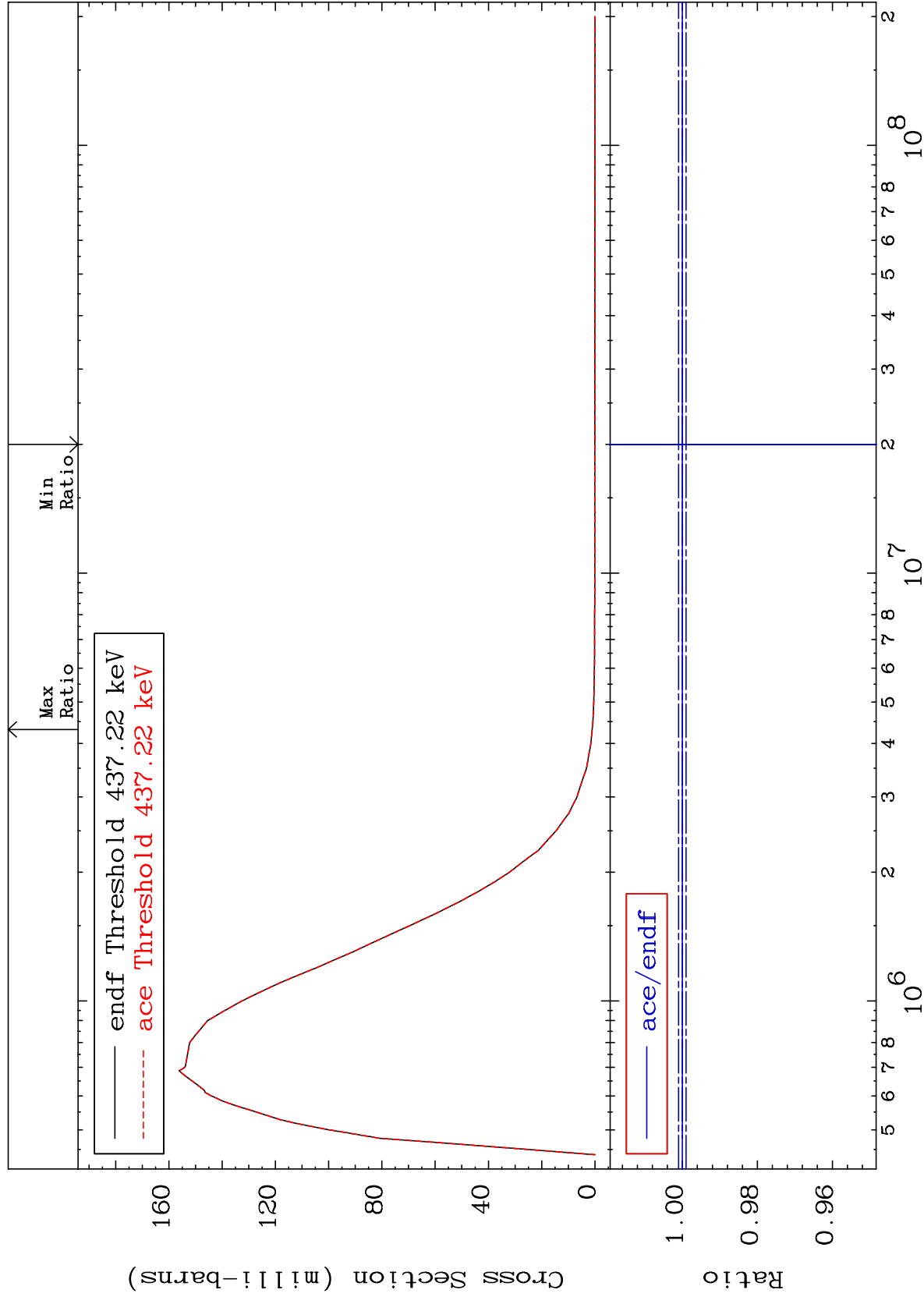
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

434.4 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %

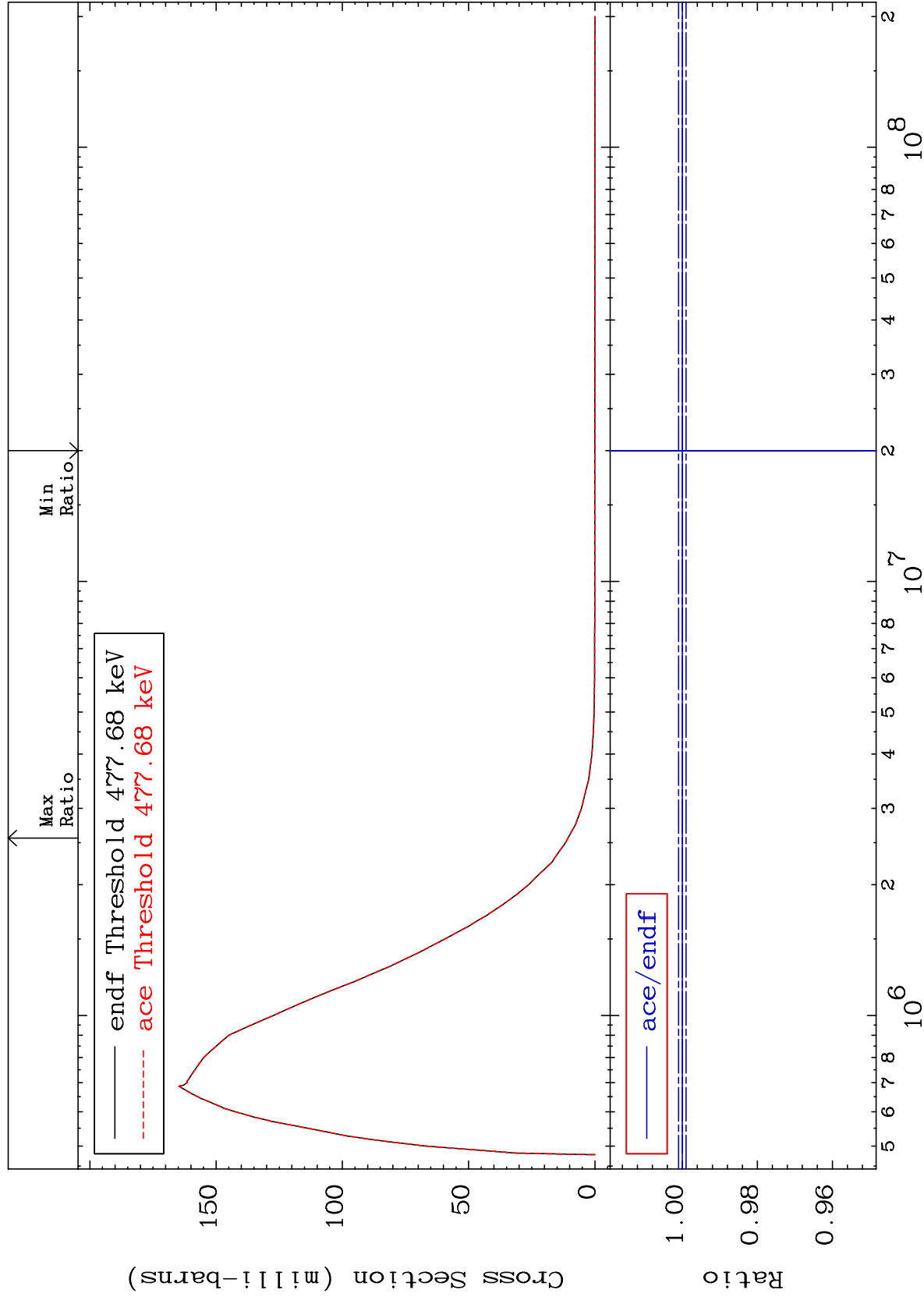




MAT 6440

474.6 keV (n,n') Level  
Cross Section

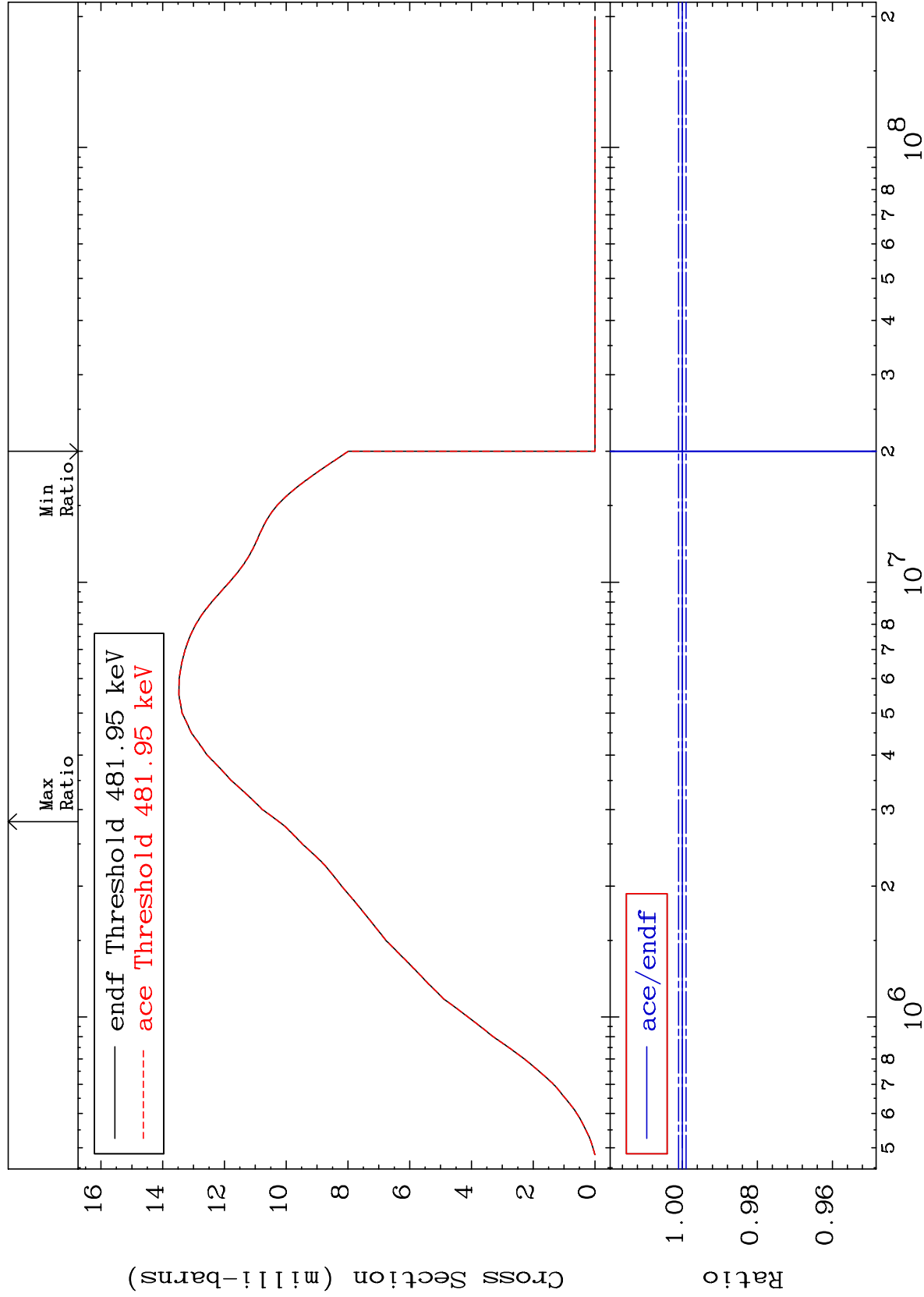
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

478.9 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



25

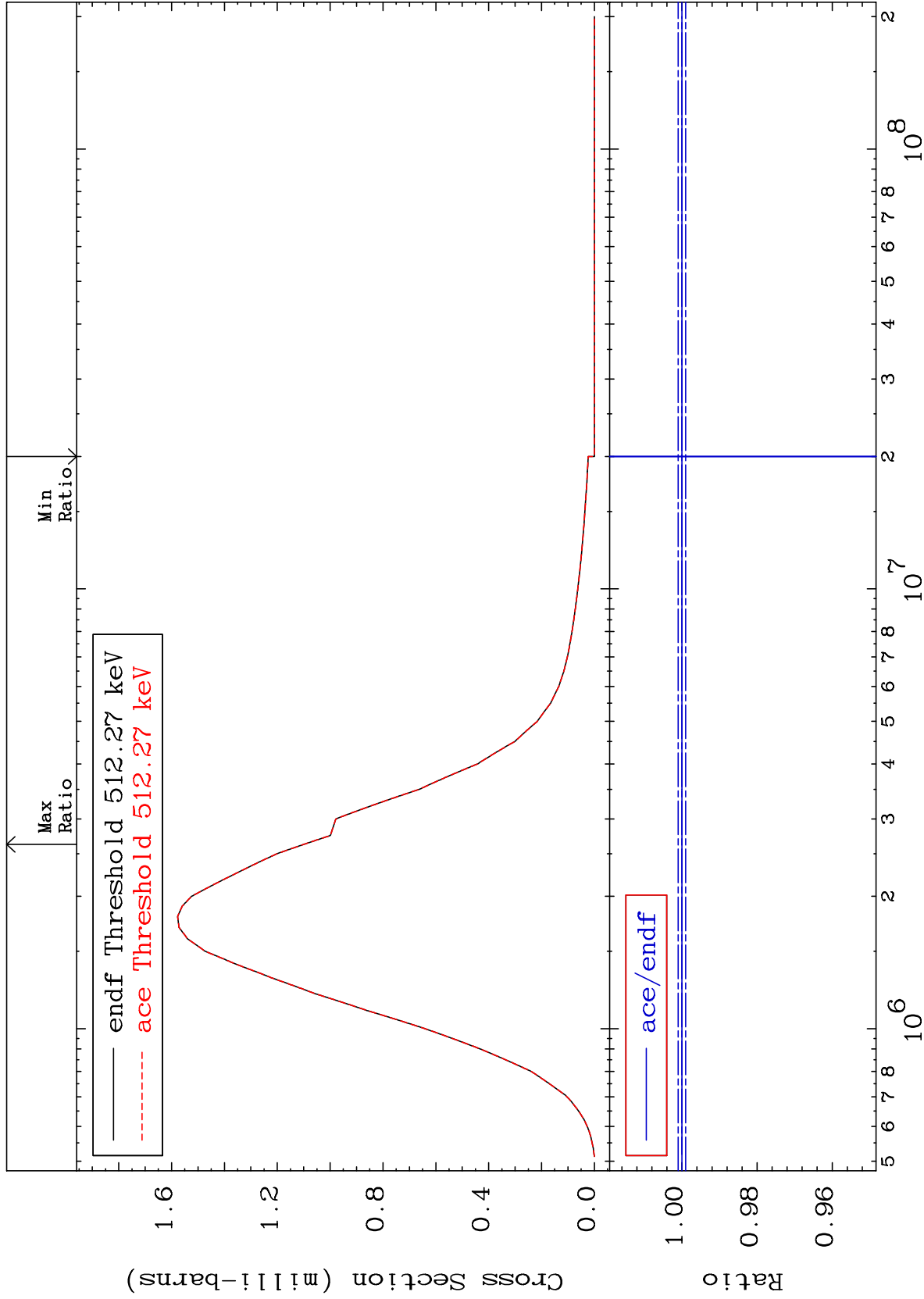
Incident Energy (eV)

64-Gd-157

MAT 6440

509.0 keV (n,n') Level  
Cross Section

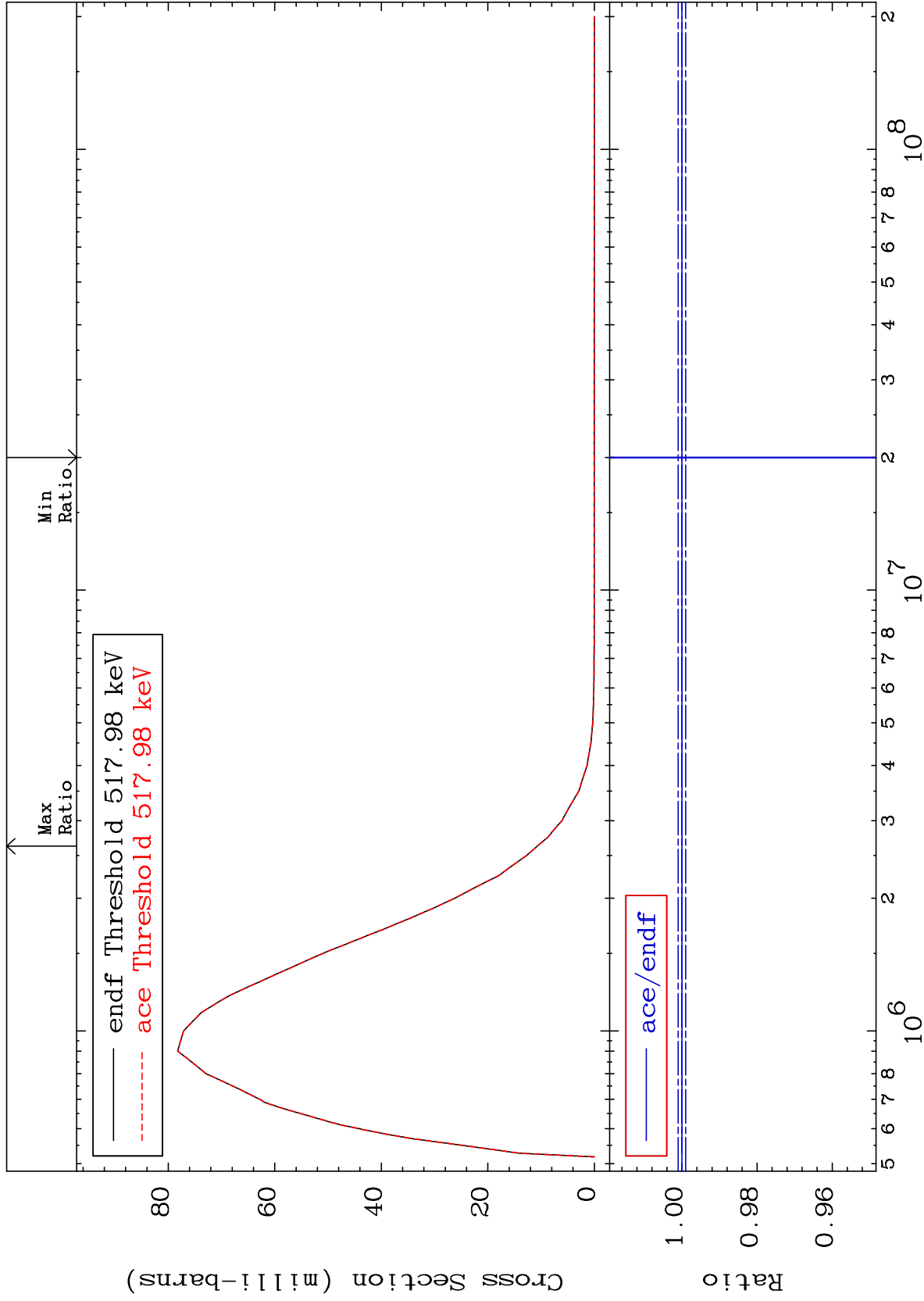
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

514.7 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



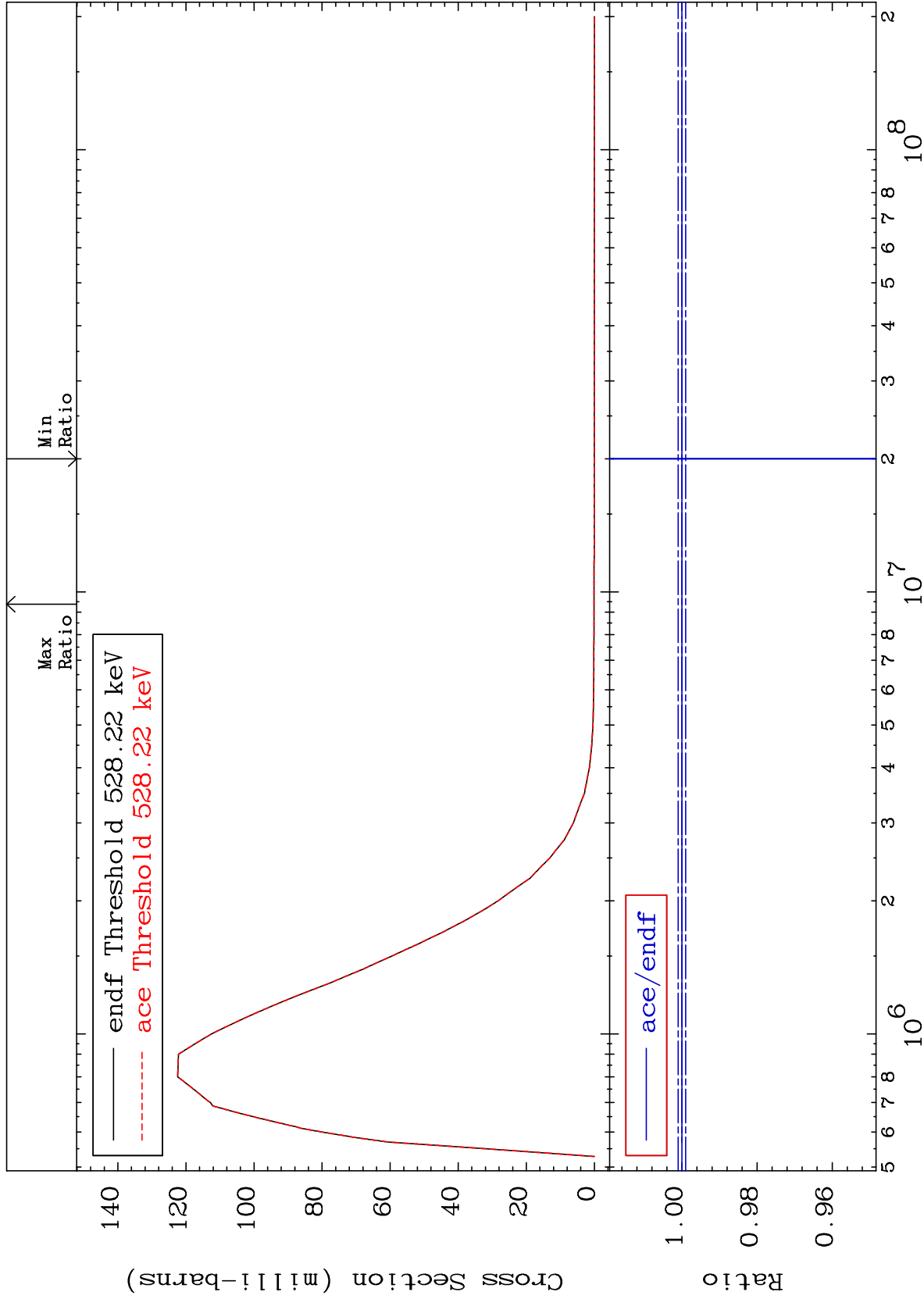
27

64-Gd-157

MAT 6440

524.8 keV (n,n') Level  
Cross Section

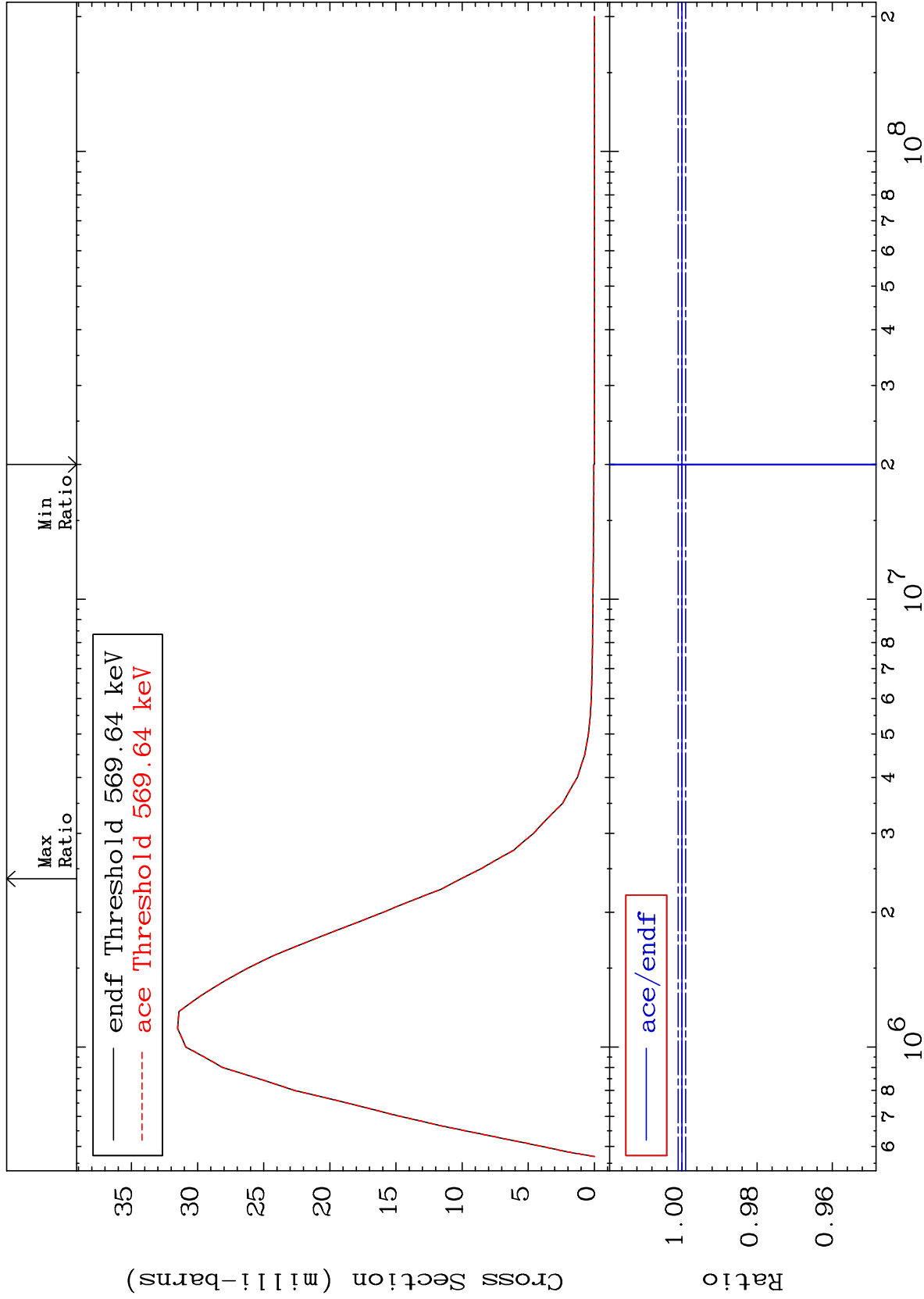
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

566.0 keV (n,n') Level  
Cross Section

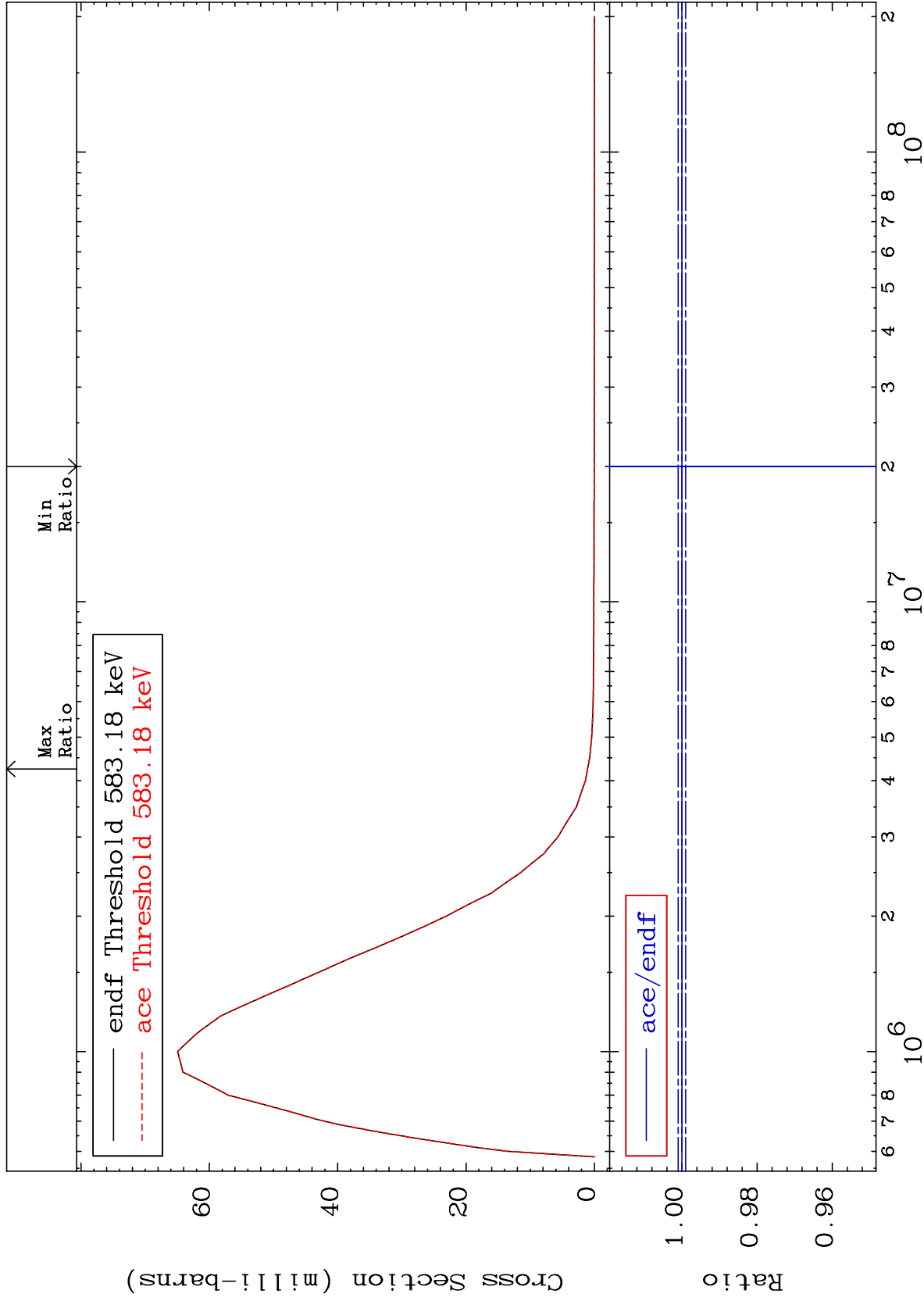
64-Gd-157  
-100.0 To 0.000 %



MAT 6440

579.5 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



30

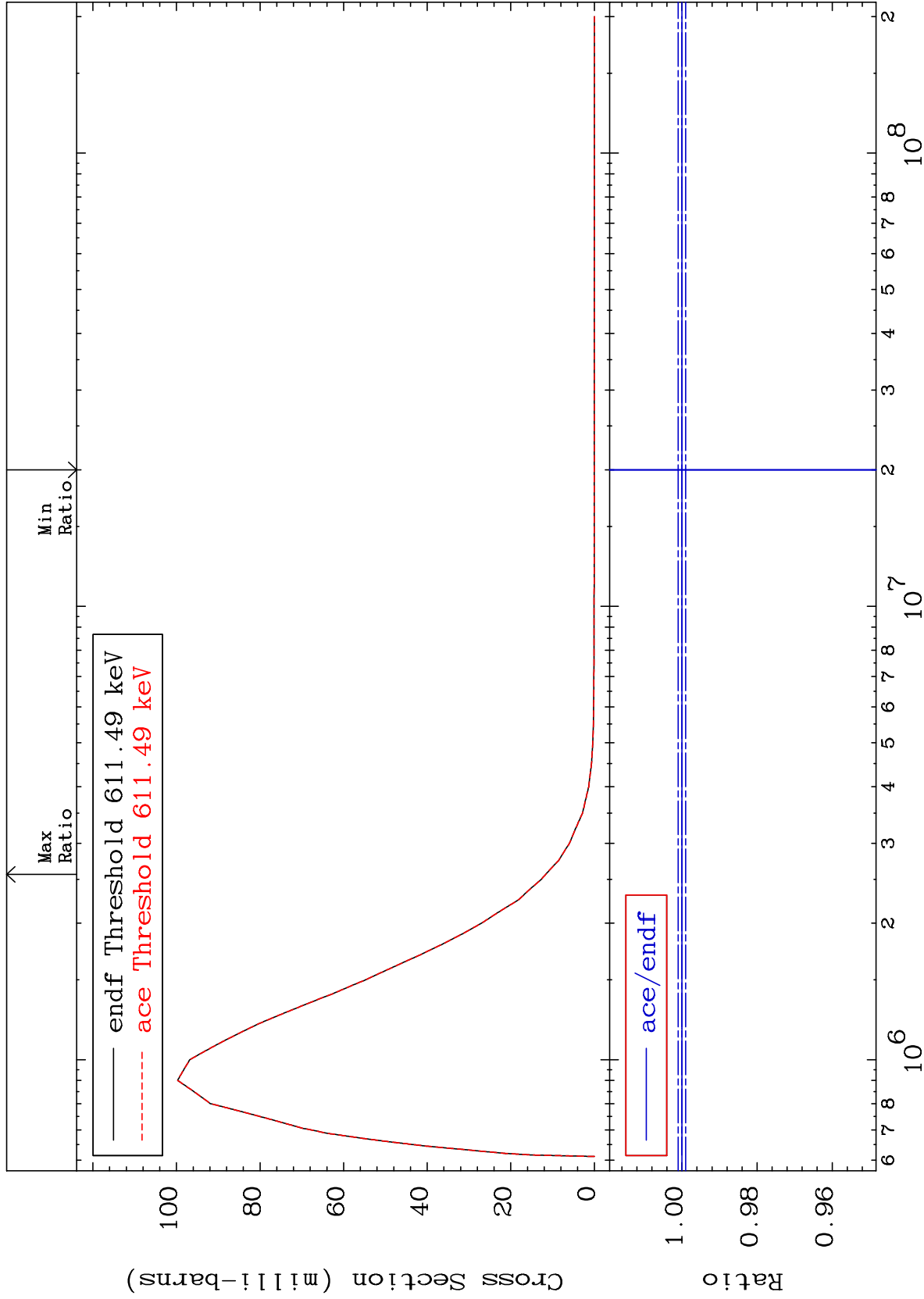
Incident Energy (eV)

64-Gd-157

MAT 6440

607.6 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



31

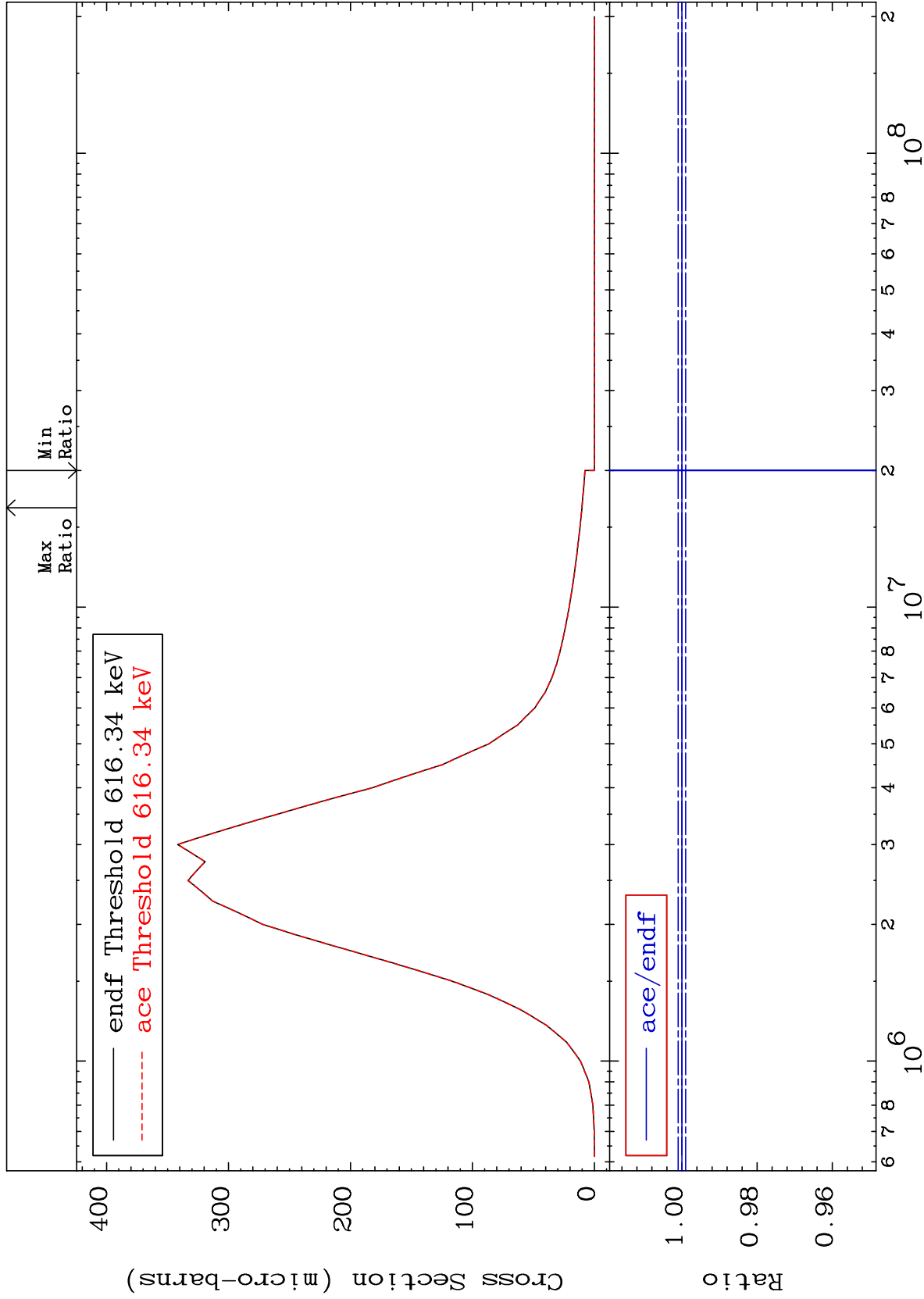
64-Gd-157



MAT 6440

612.4 keV (n,n') Level  
Cross Section

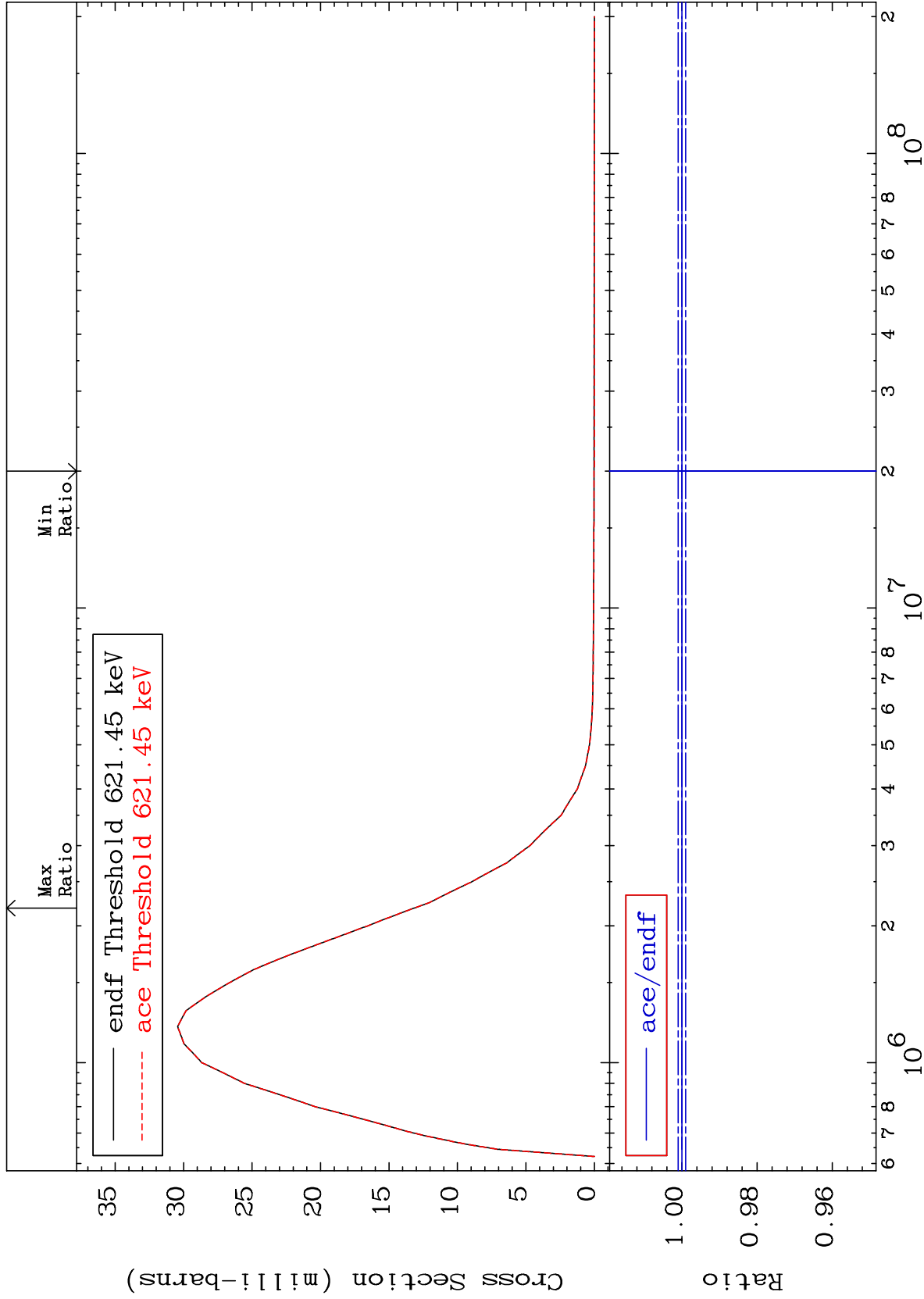
64-Gd-157  
-100.0 To 0.000 %



32

64-Gd-157

MAT 6440 617.5 keV (n,n') Level 64-Gd-157  
 Cross Section -100.0 To 0.000 %

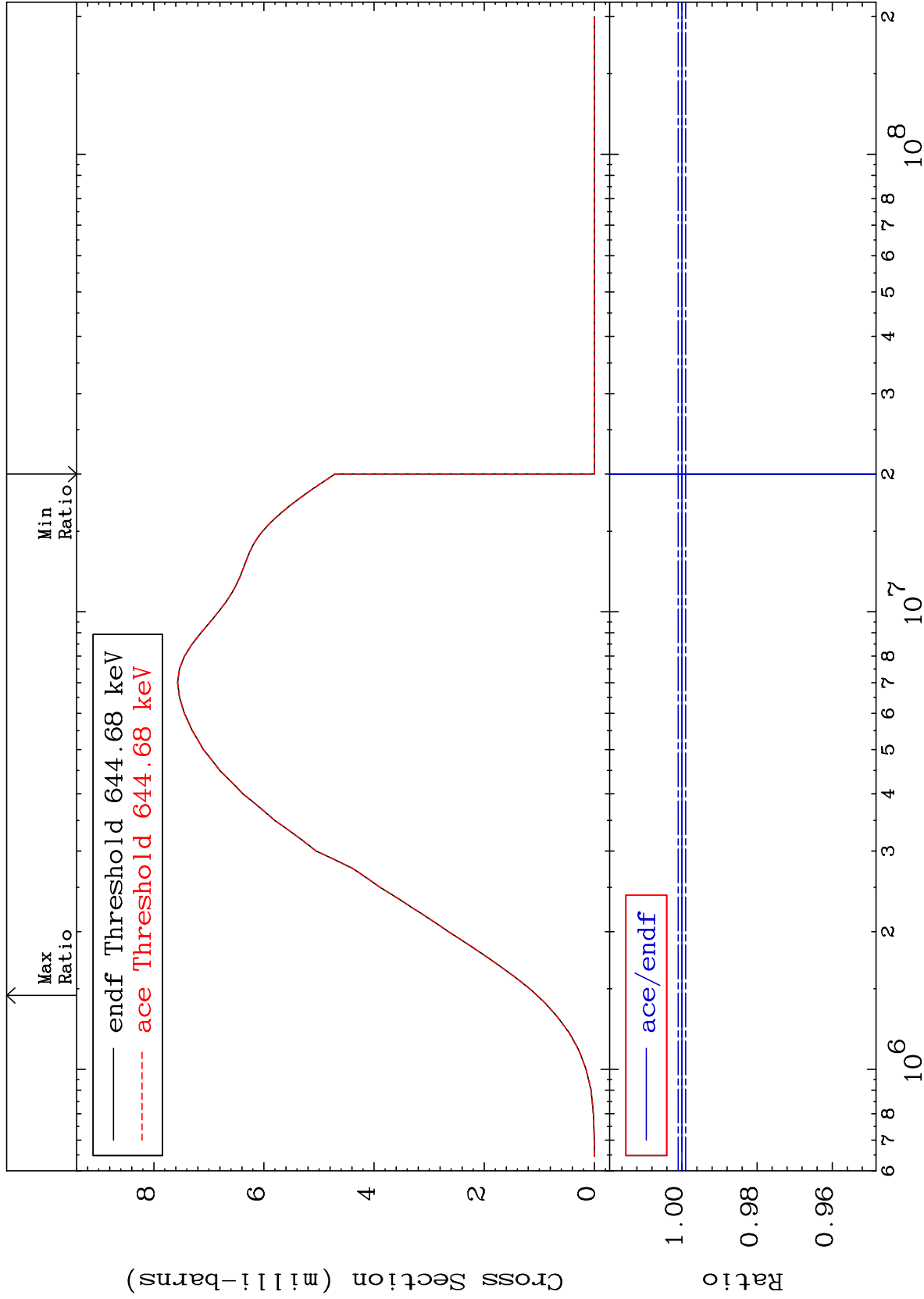


33 64-Gd-157

MAT 6440

640.6 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



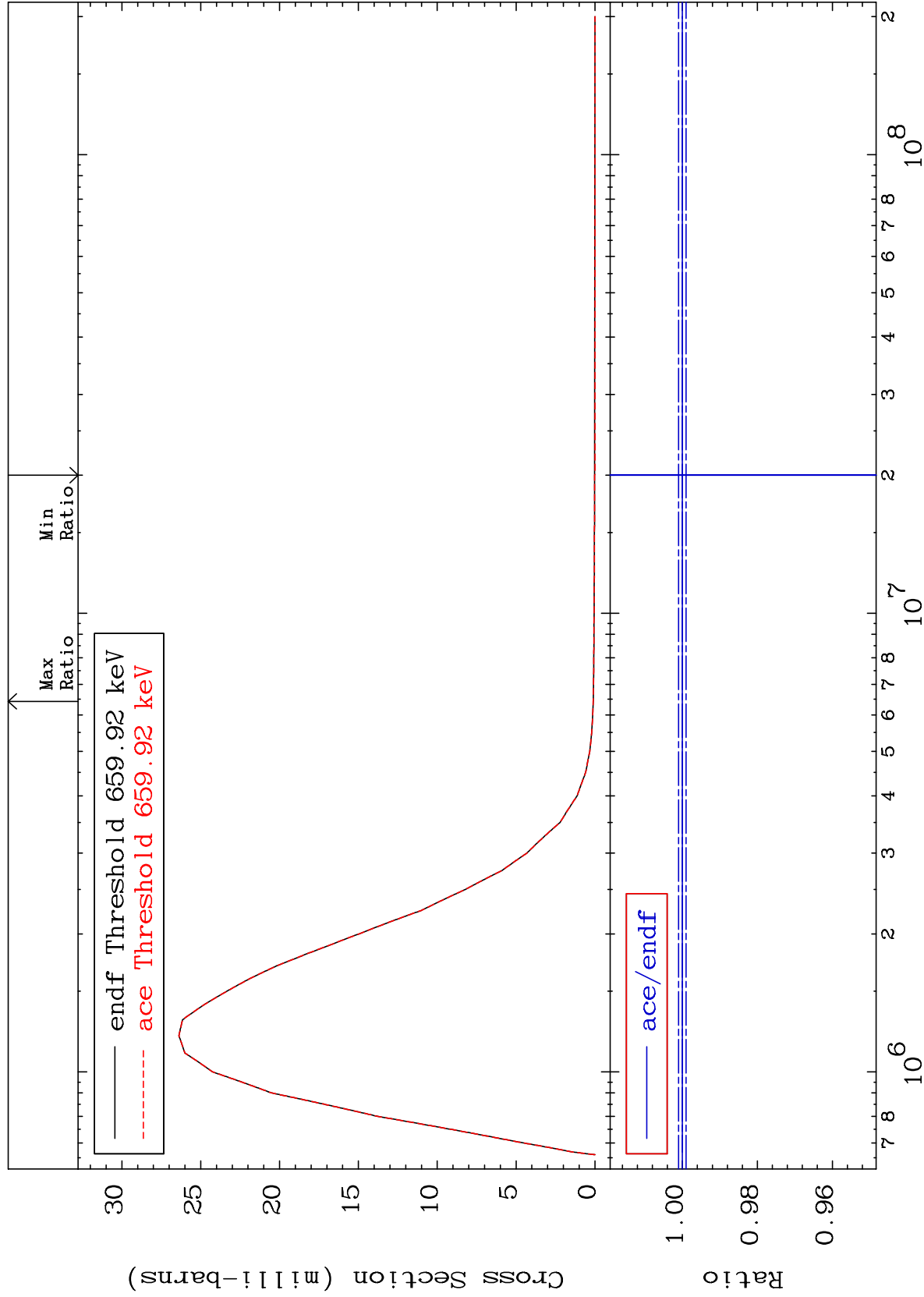
34

64-Gd-157

MAT 6440

655.7 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



35

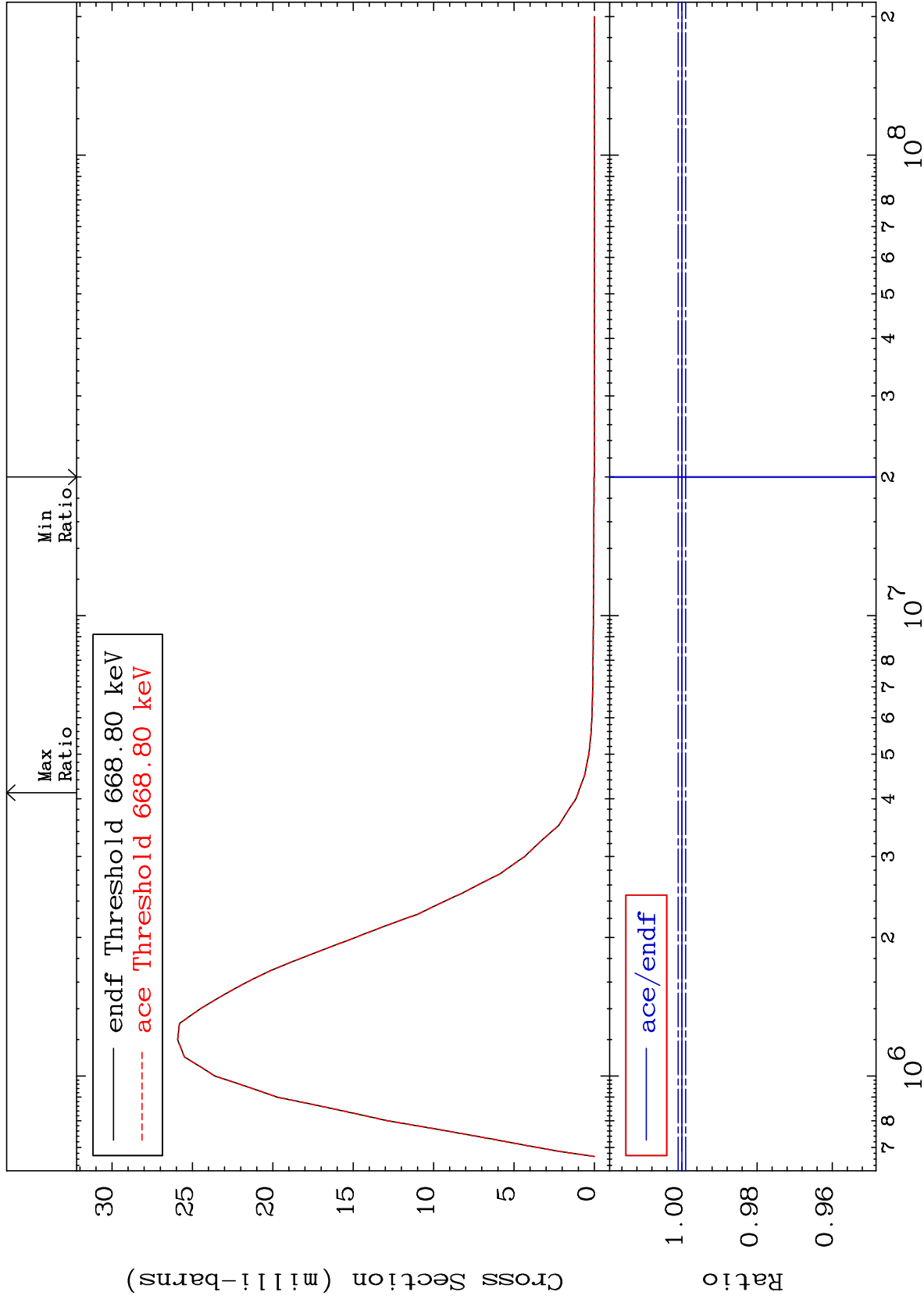
Incident Energy (eV)

64-Gd-157

MAT 6440

664.5 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



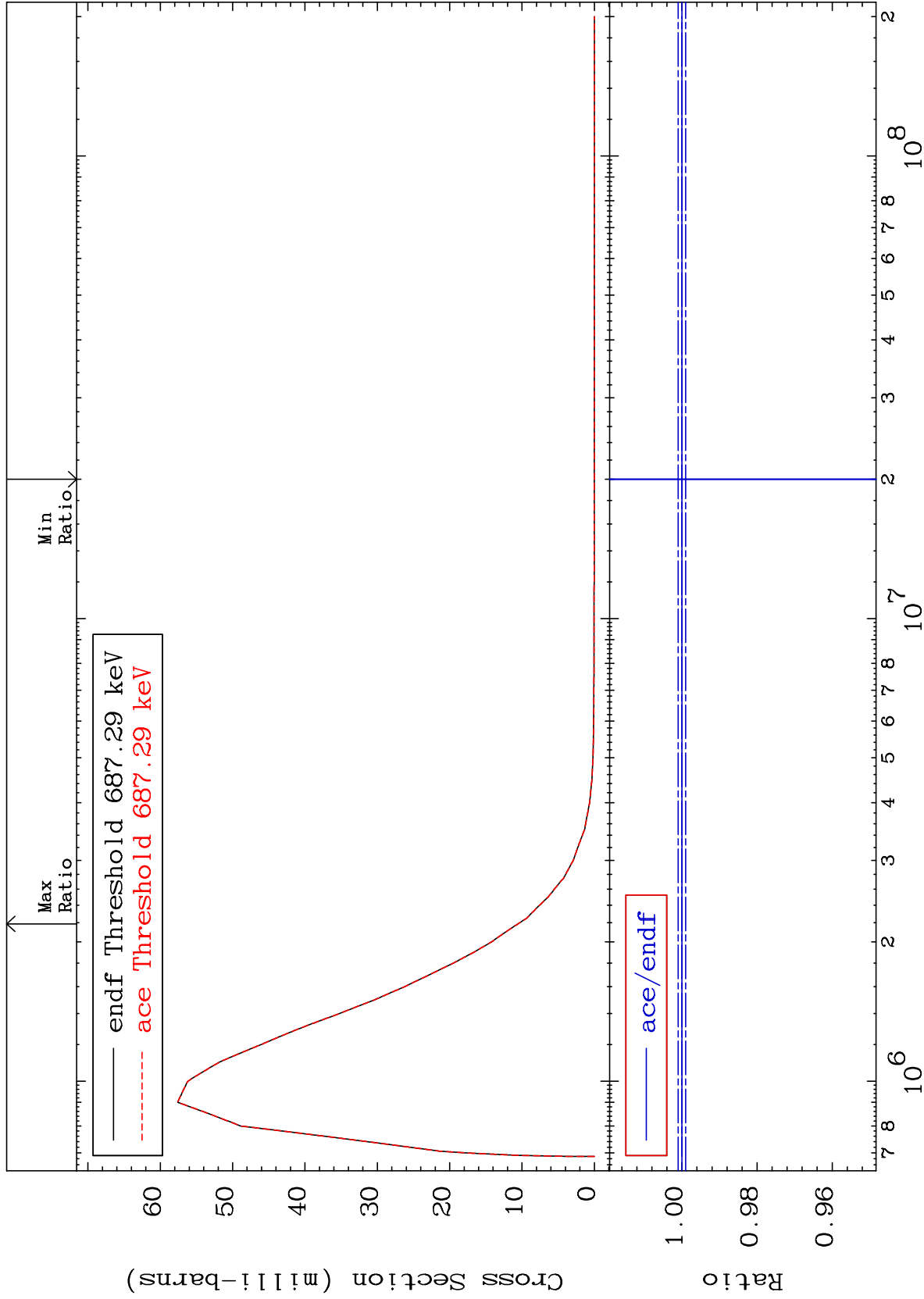
36

64-Gd-157

MAT 6440

682.9 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



37

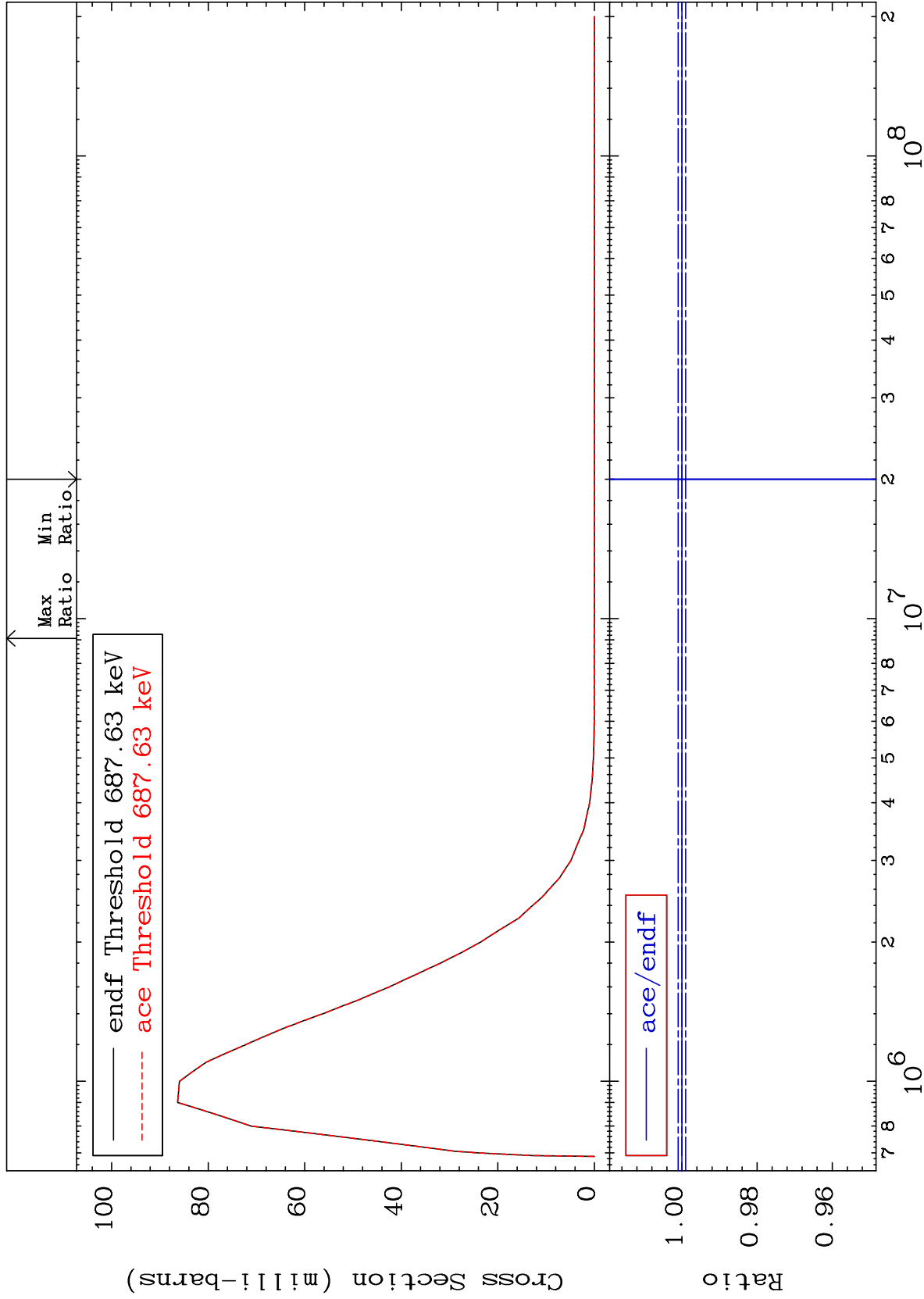
Incident Energy (eV)

64-Gd-157

MAT 6440

683.2 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



38

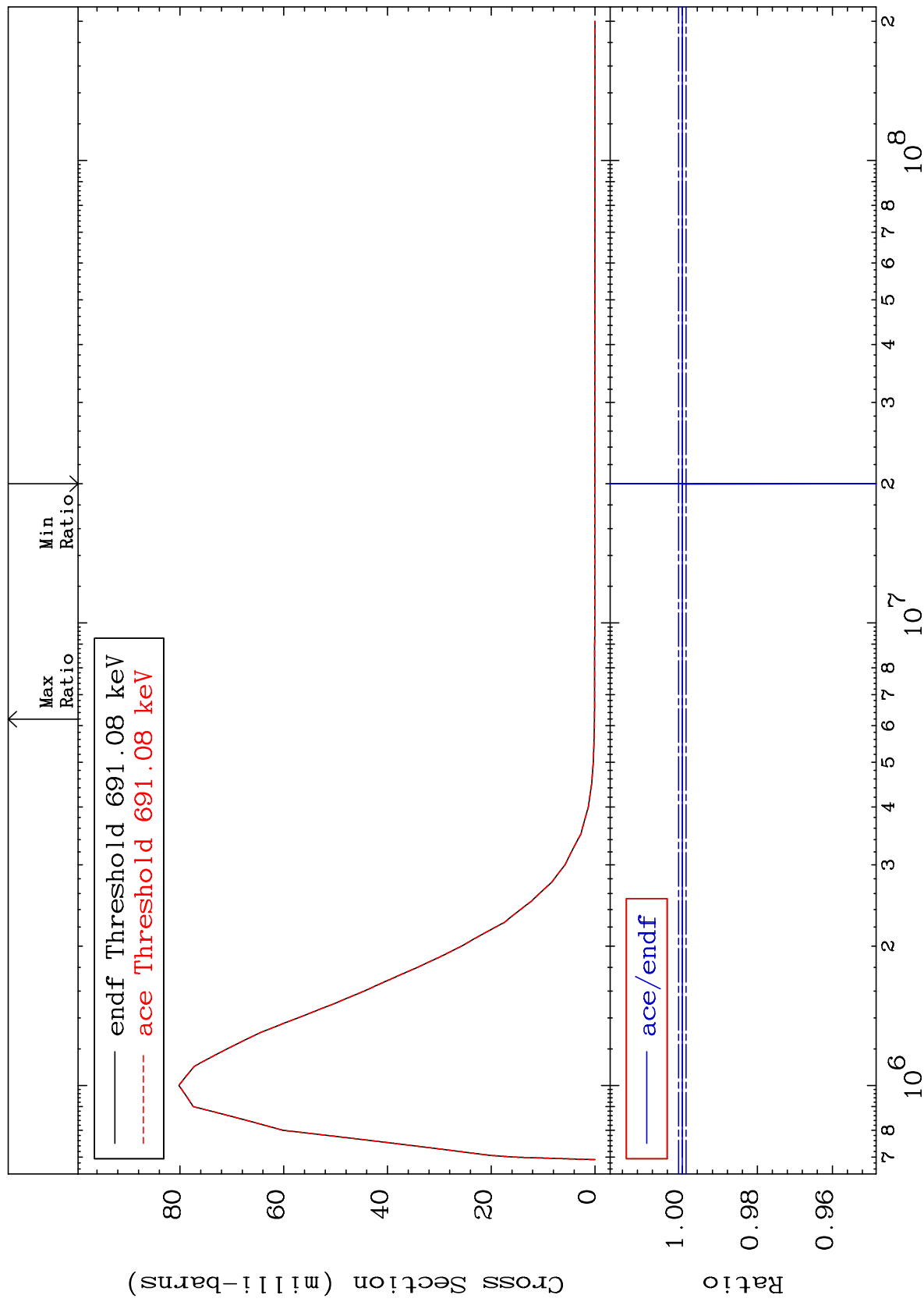
Incident Energy (eV)

64-Gd-157

MAT 6440

686.7 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %

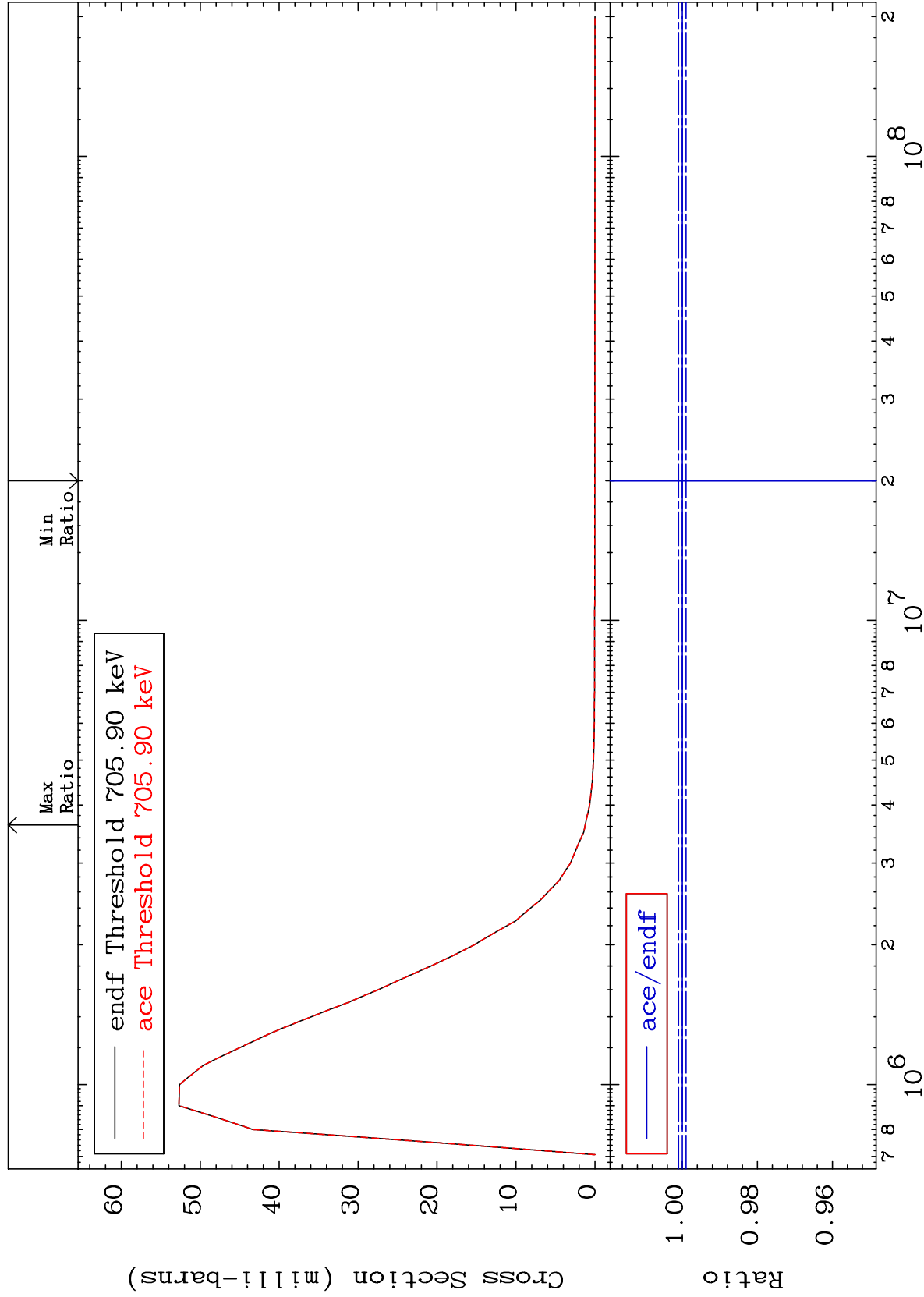




MAT 6440

701.4 keV (n,n') Level  
Cross Section

64-Gd-157  
-100.0 To 0.000 %



40

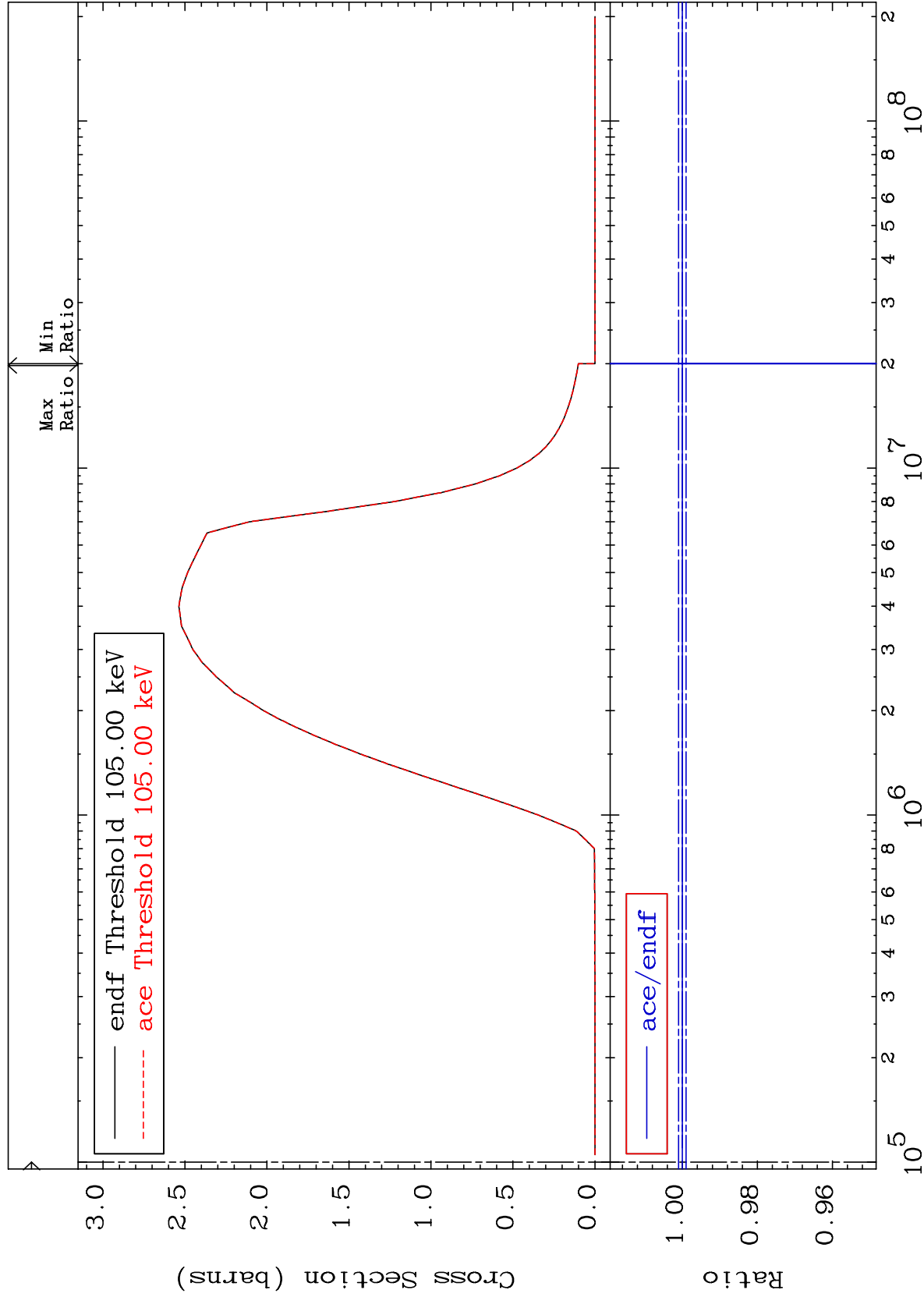
Incident Energy (eV)

64-Gd-157

MAT 6440

(n,n') Continuum  
Cross Section

64-Gd-157  
-100.0 To 0.000 %

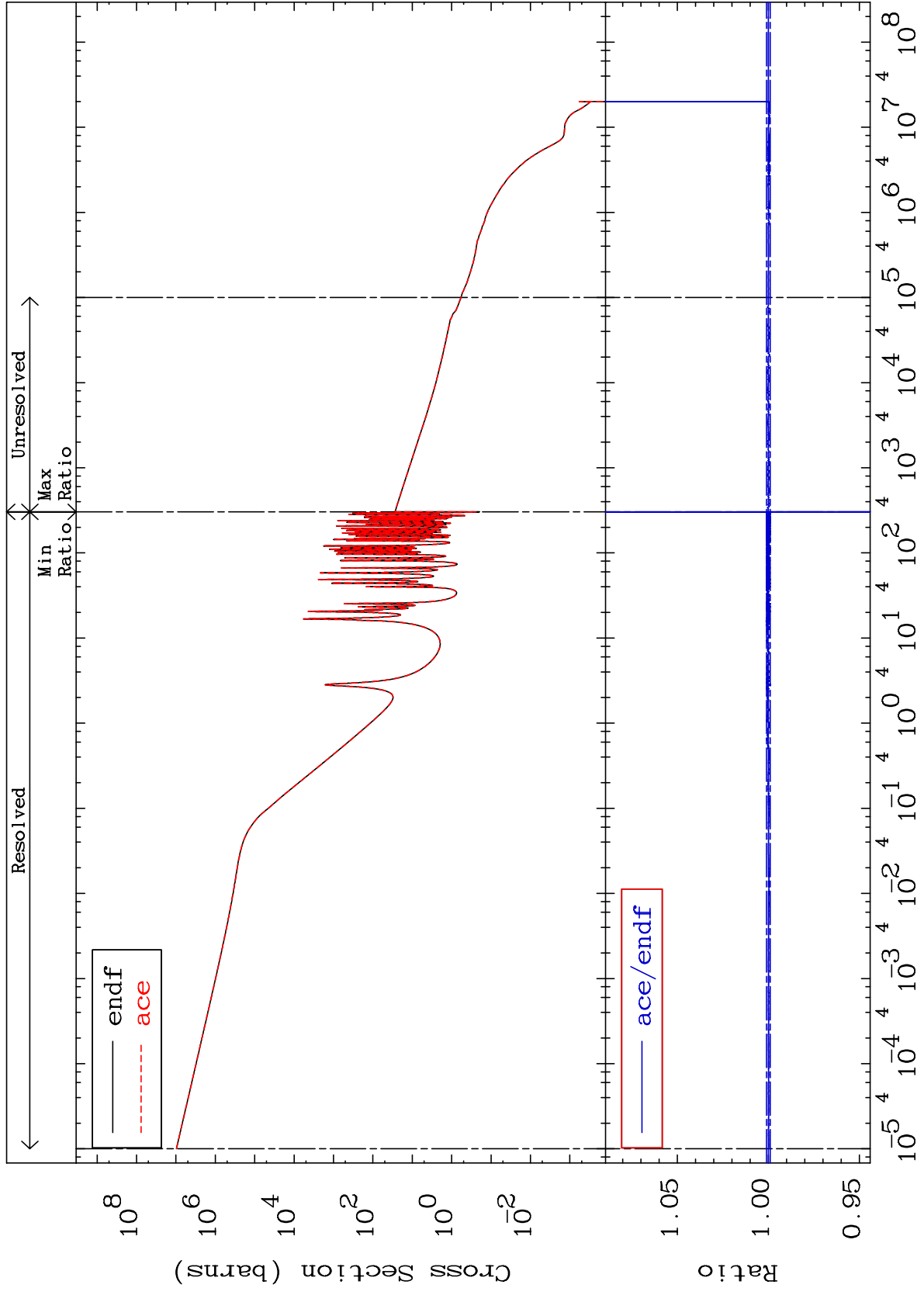


41

64-Gd-157

MAT 6440

(n,  $\gamma$ )  
Cross Section  
64-Gd-157  
-16.55 To 9999. %



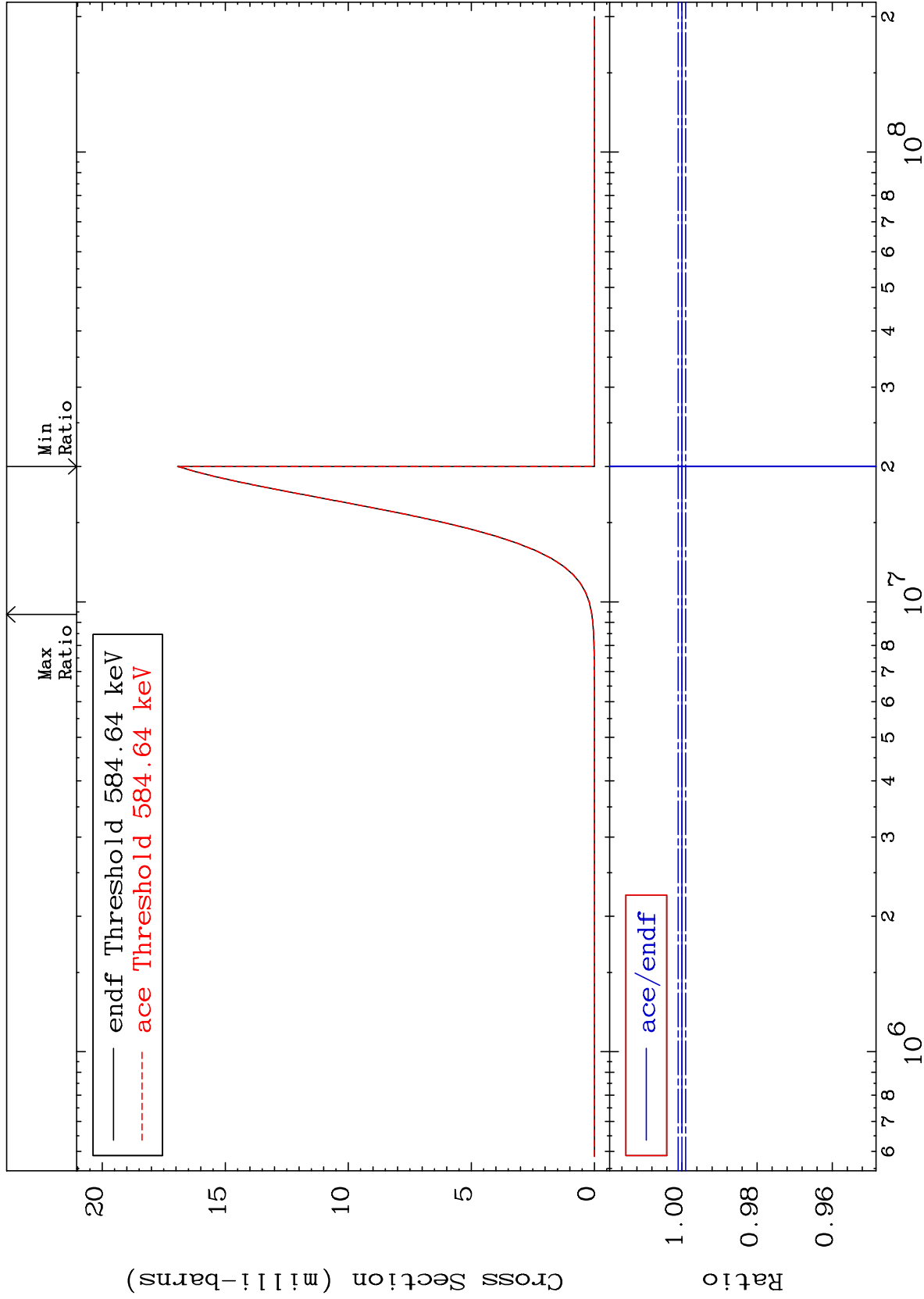
MAT 6440

(n,p)

64-Gd-157

Cross Section

-100.0 To 0.000 %



43

Incident Energy (eV)

64-Gd-157

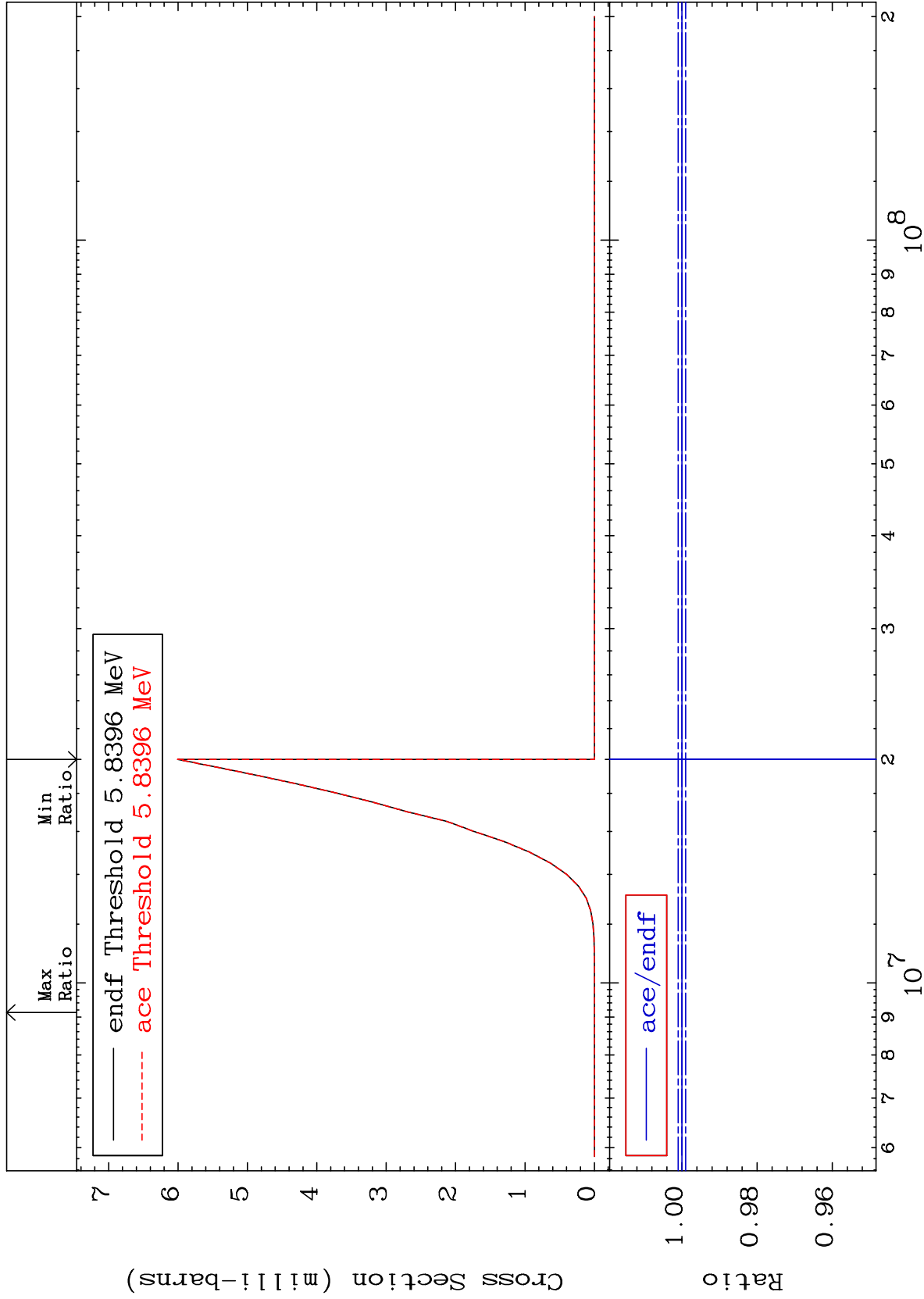
MAT 6440

(n, d)

64-Gd-157

Cross Section

-100.0 To 0.000 %



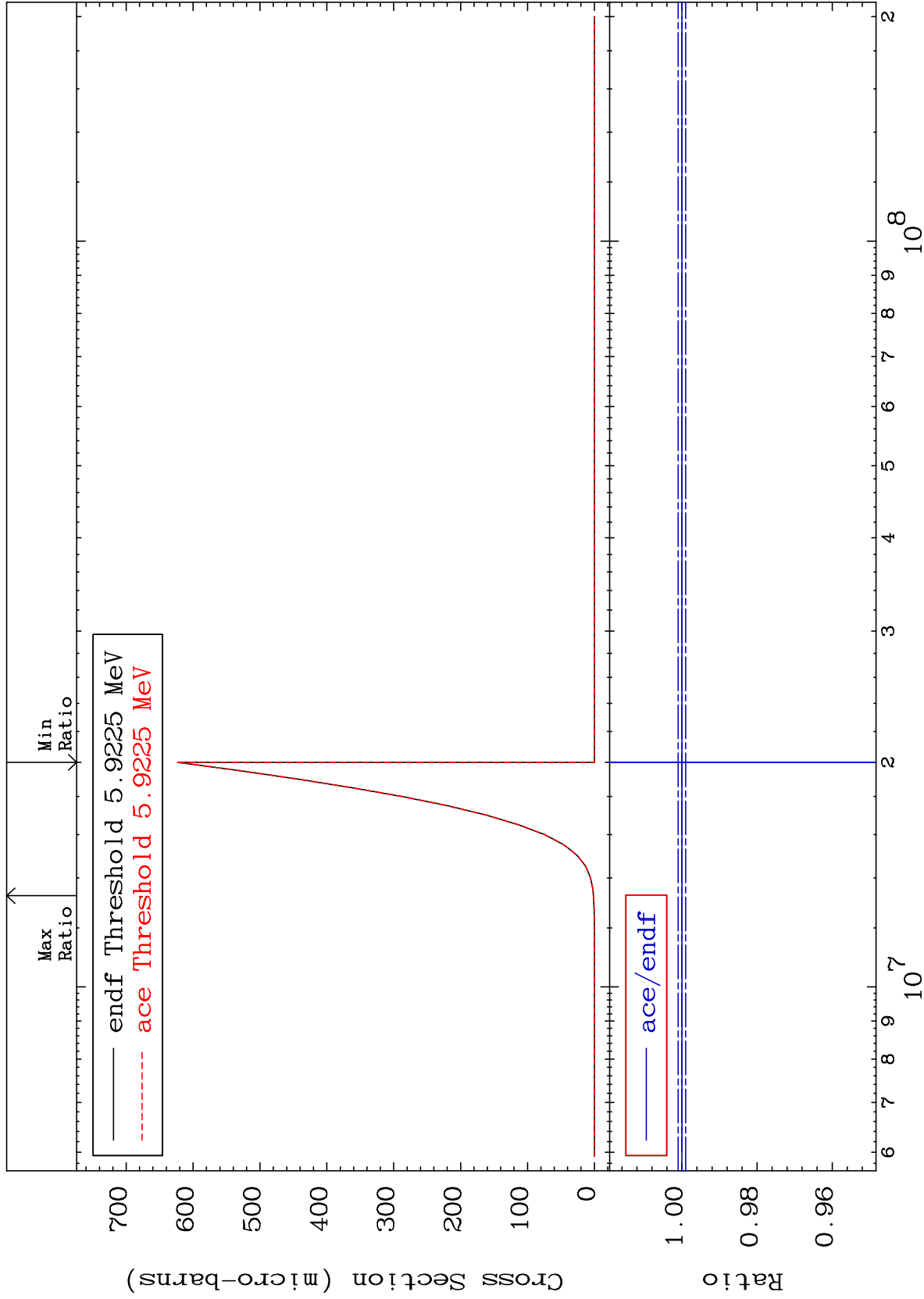
MAT 6440

(n, t)

64-Gd-157

Cross Section

-100.0 To 0.000 %



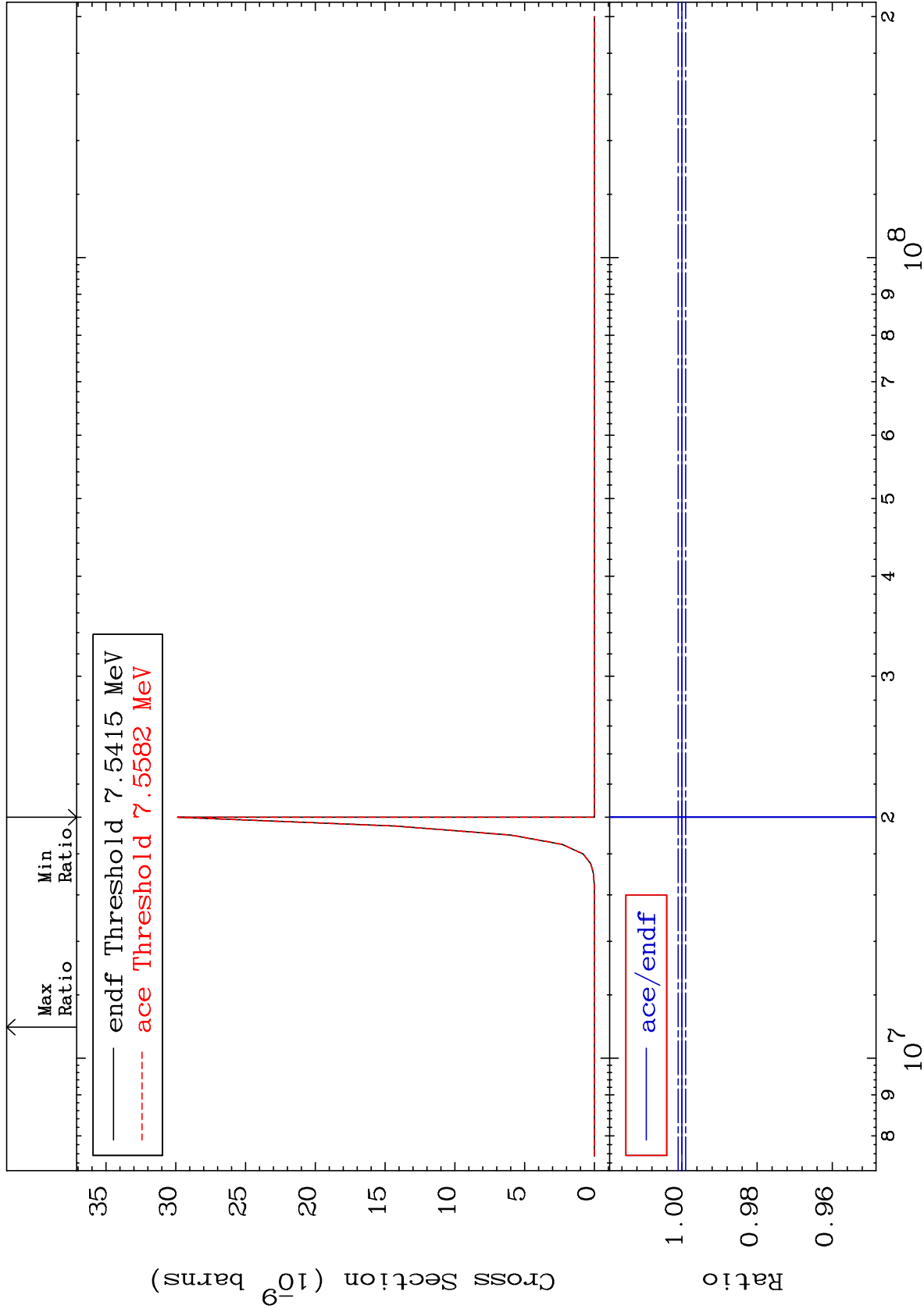
MAT 6440

(n, He-3)

64-Gd-157

Cross Section

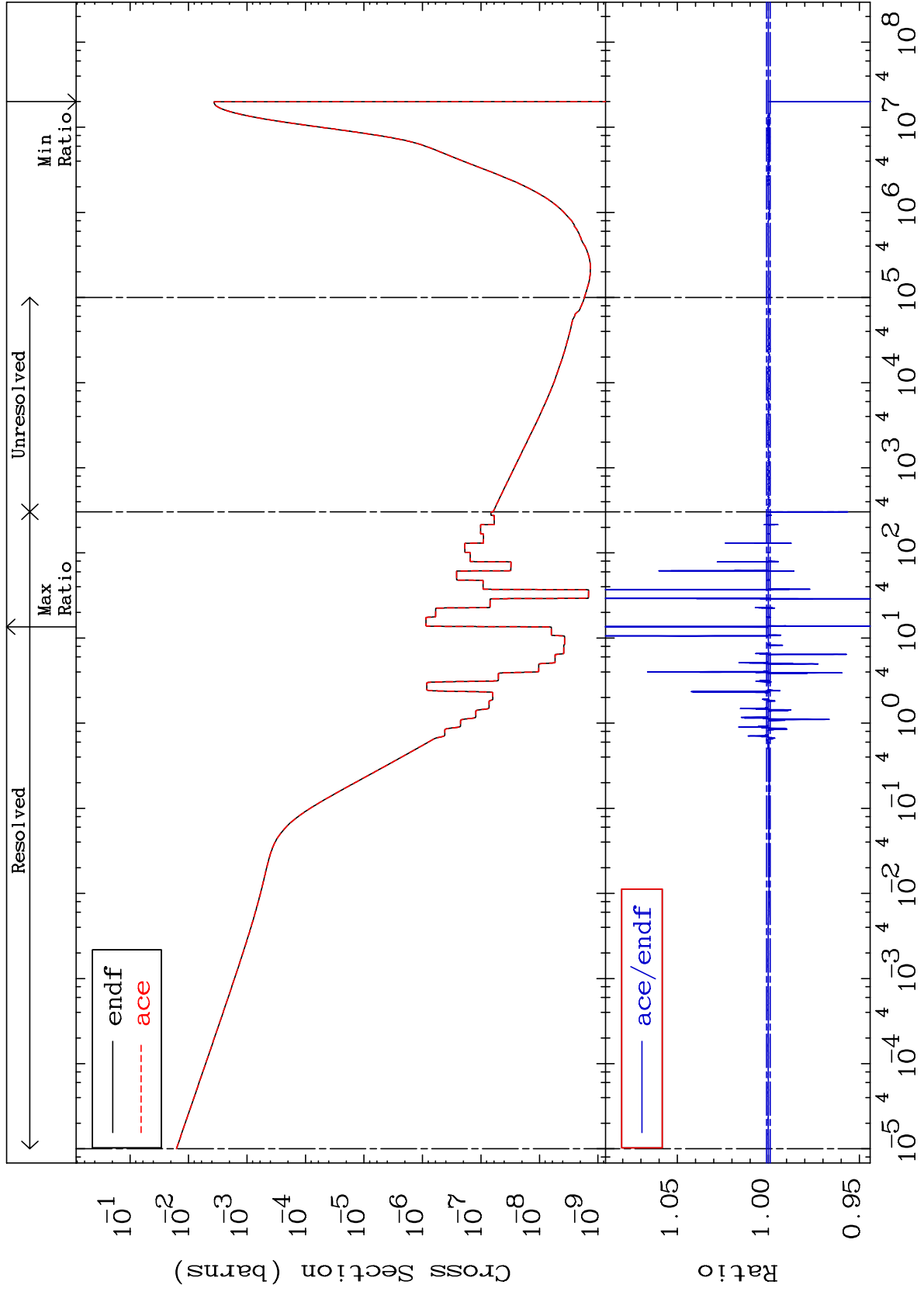
-100.0 To 0.000 %



MAT 6440

(n,  $\alpha$ )  
Cross Section  
-100.0 To 126.0 %

64-Gd-157



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64-Gd-157