

Program Complot
(Version 2015-2)

by

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(Present Contact Information)

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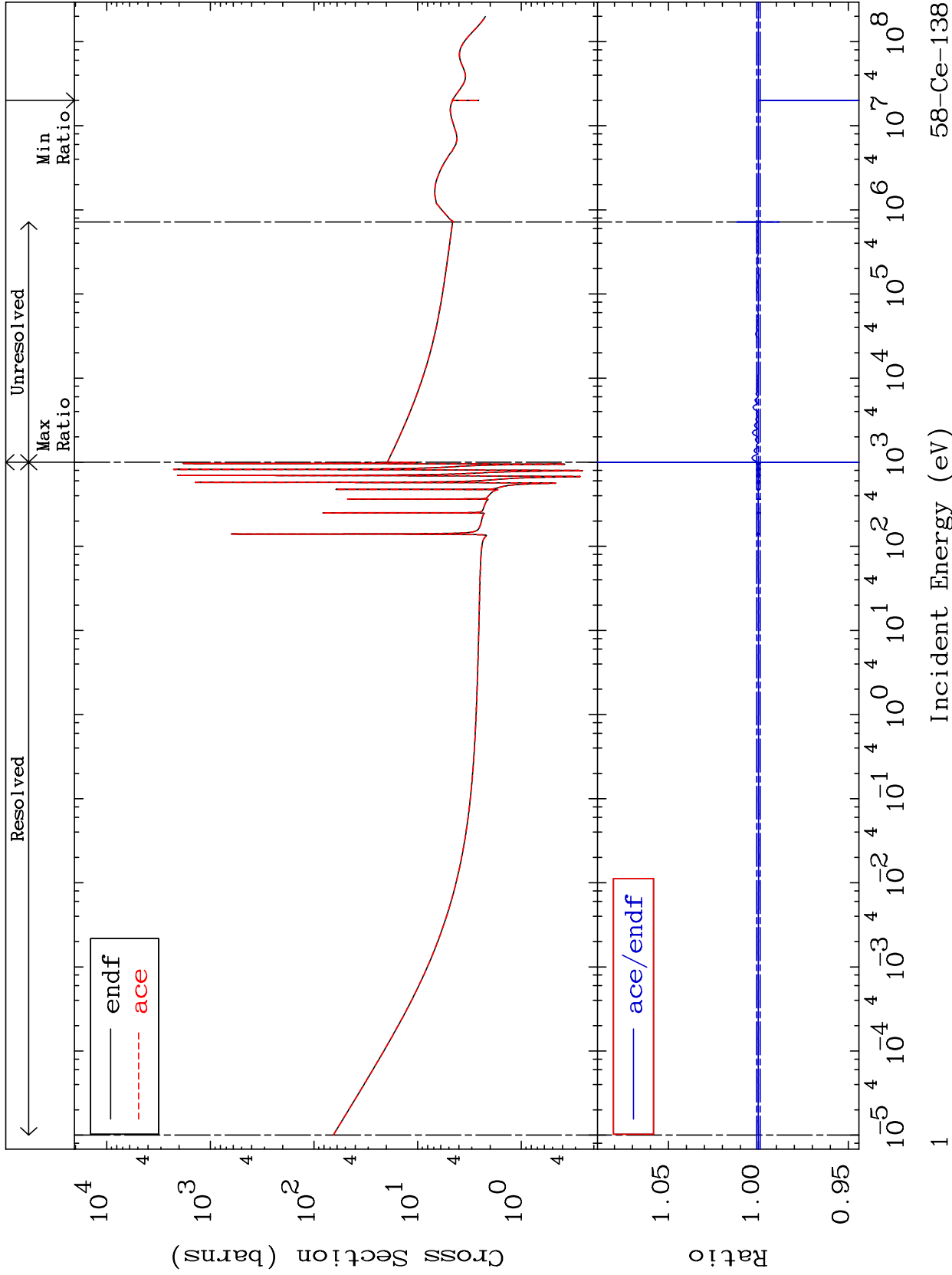
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5831

Total
Cross Section

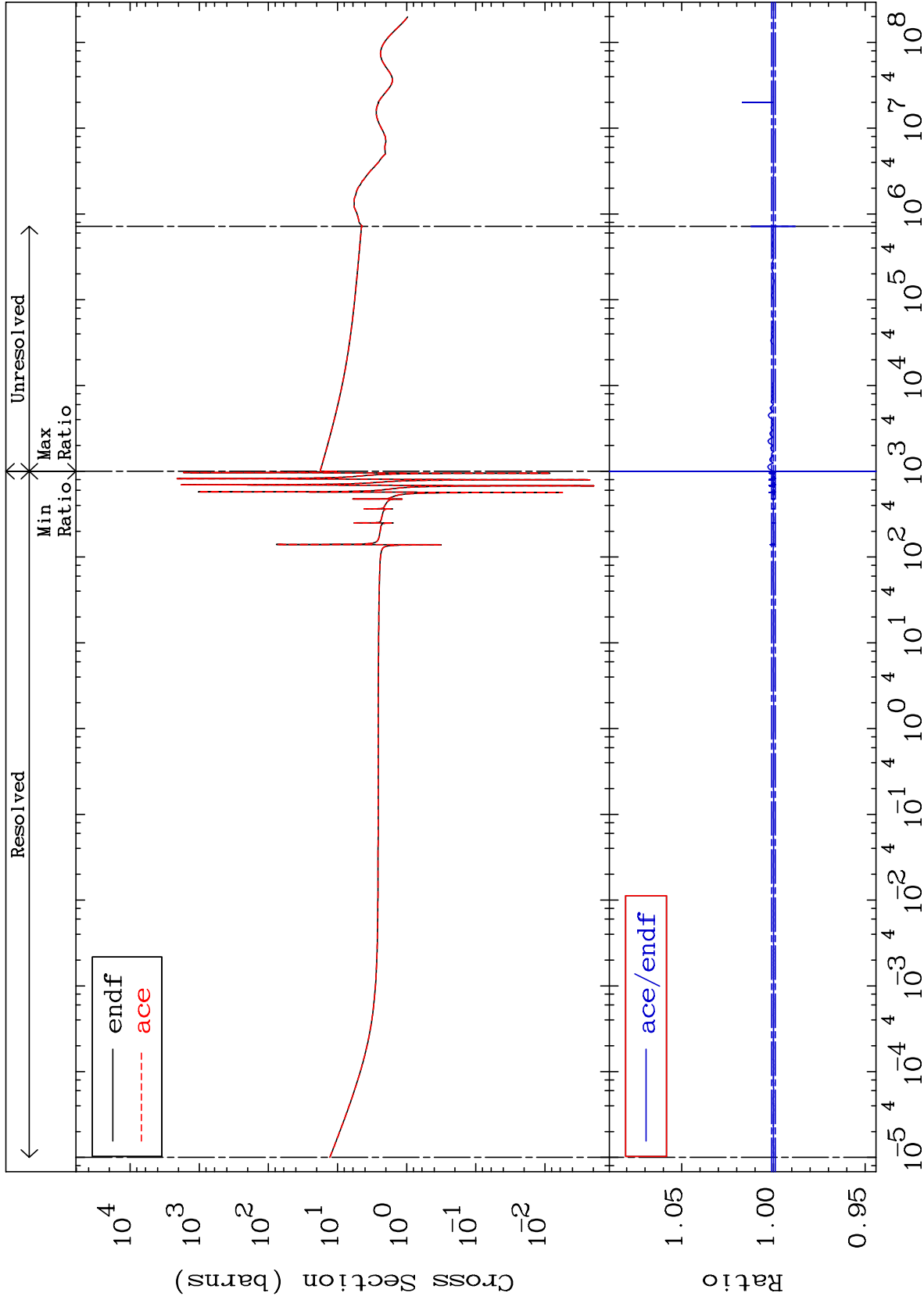
58-Ce-138
-43.81 To 71.59 %



MAT 5831

Elastic
Cross Section

58-Ce-138
-10.99 To 59.72 %



2

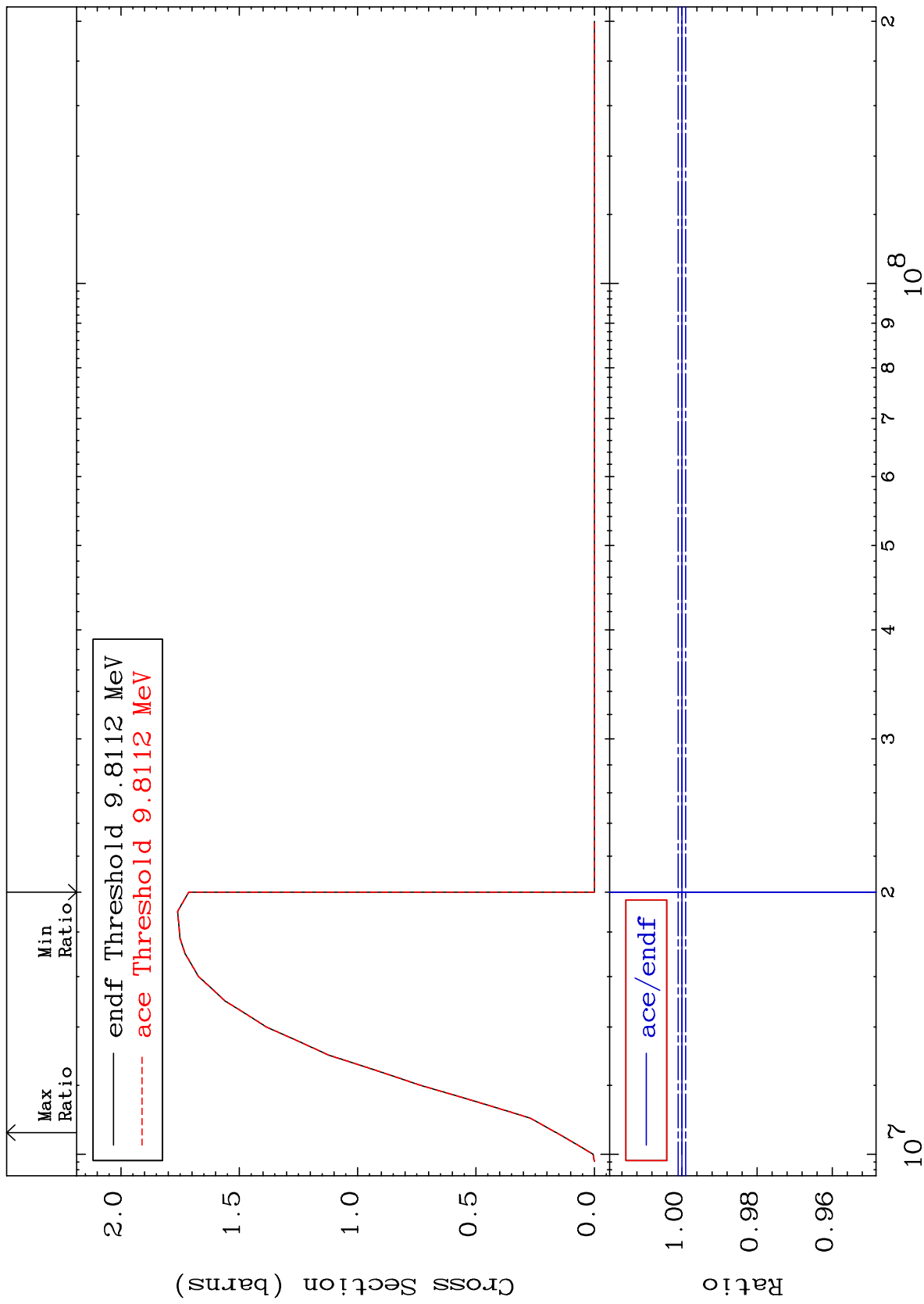
Incident Energy (eV)

58-Ce-138

MAT 5831

(n,2n)
Cross Section

58-Ce-138
-100.0 To 0.000 %



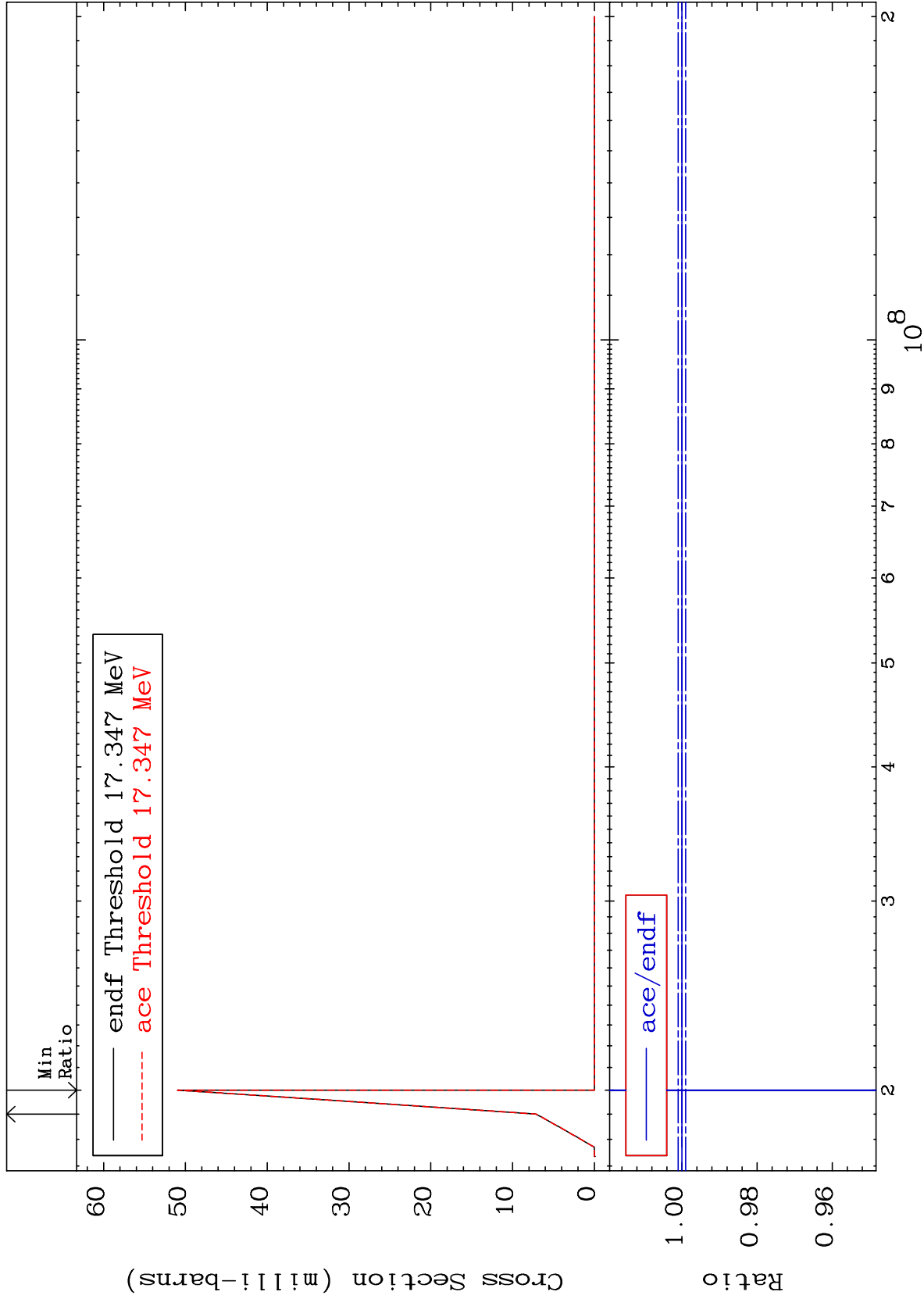
58-Ce-138

3

MAT 5831

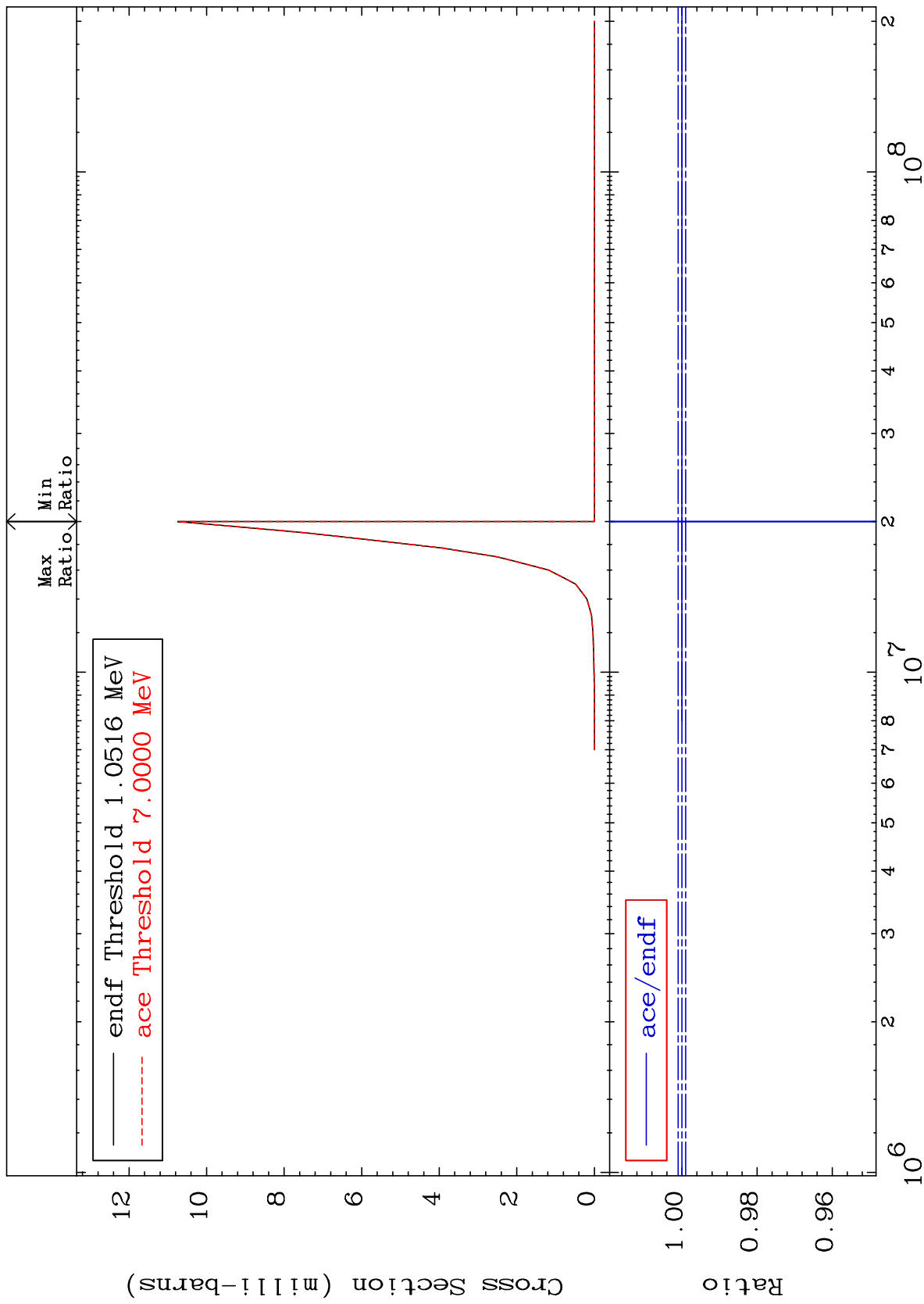
(n,3n)
Cross Section

58-Ce-138
-100.0 To 0.000 %



MAT 5831

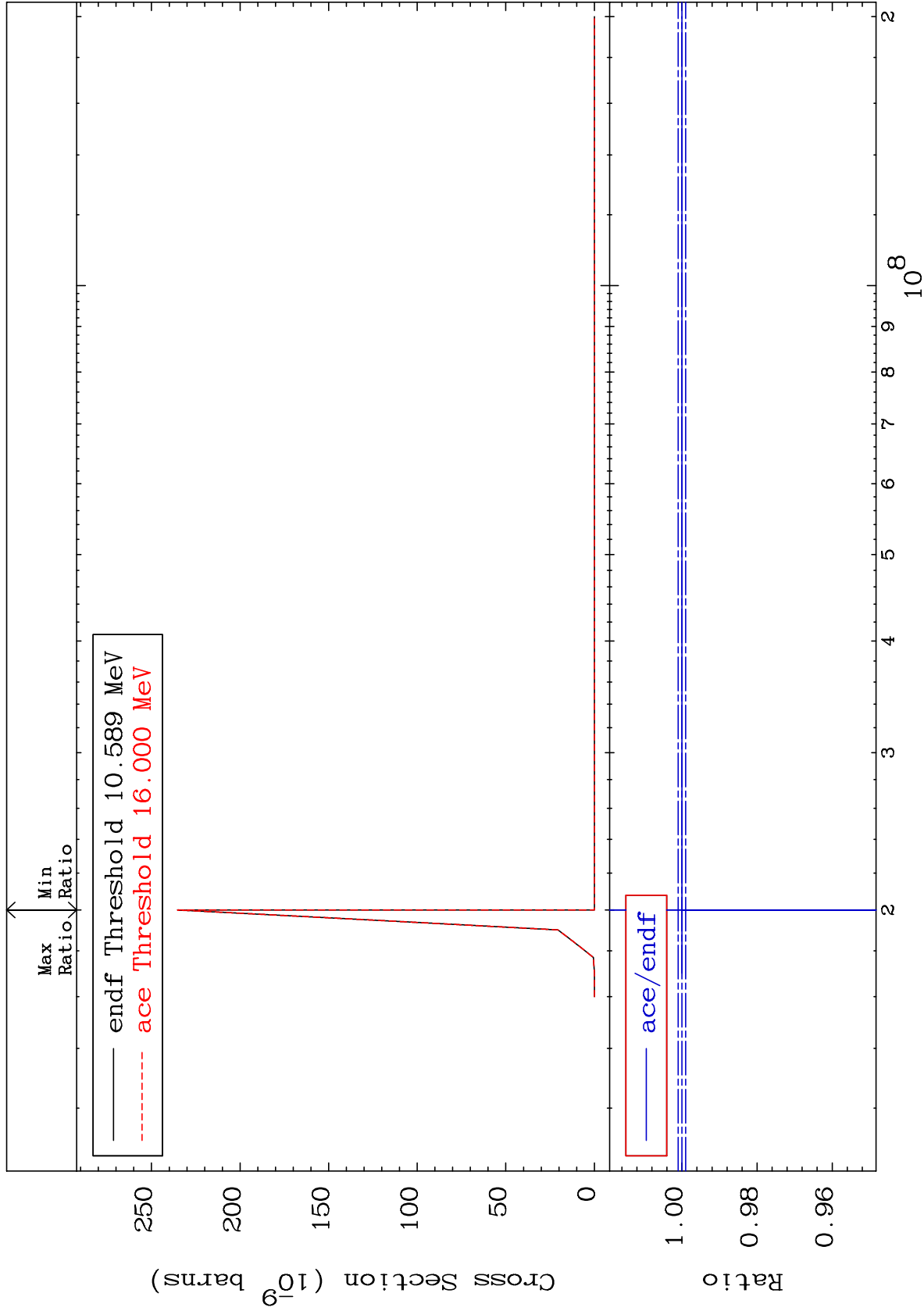
$(n, n') \alpha$
Cross Section
58-Ce-138
-100.0 To 0.000 %



MAT 5831

(n,2n) α
Cross Section

58-Ce-138
-100.0 To 0.000 %



6

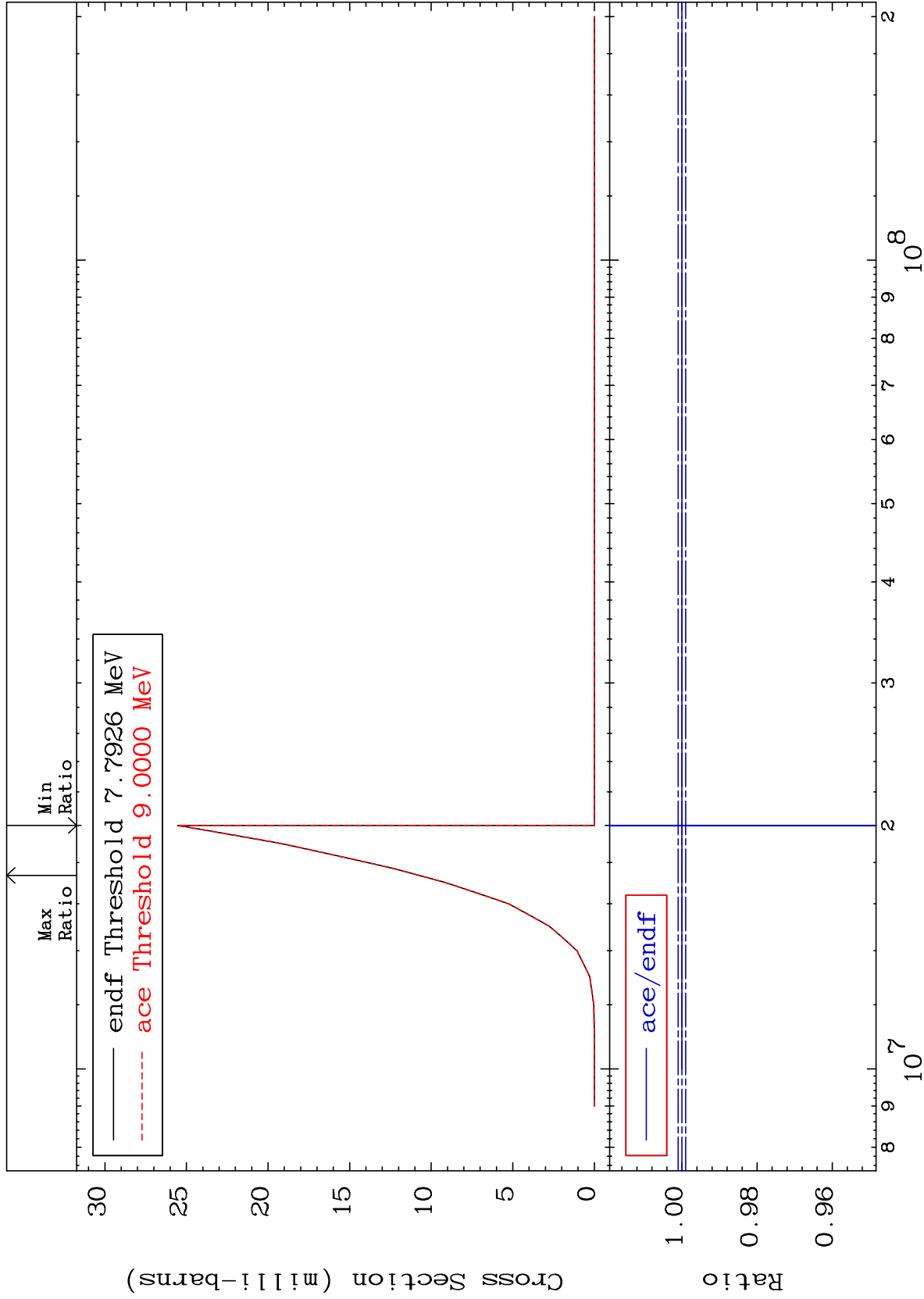
Incident Energy (eV)

58-Ce-138

MAT 5831

(n, n') p
Cross Section

58-Ce-138
-100.0 To 0.000 %



7

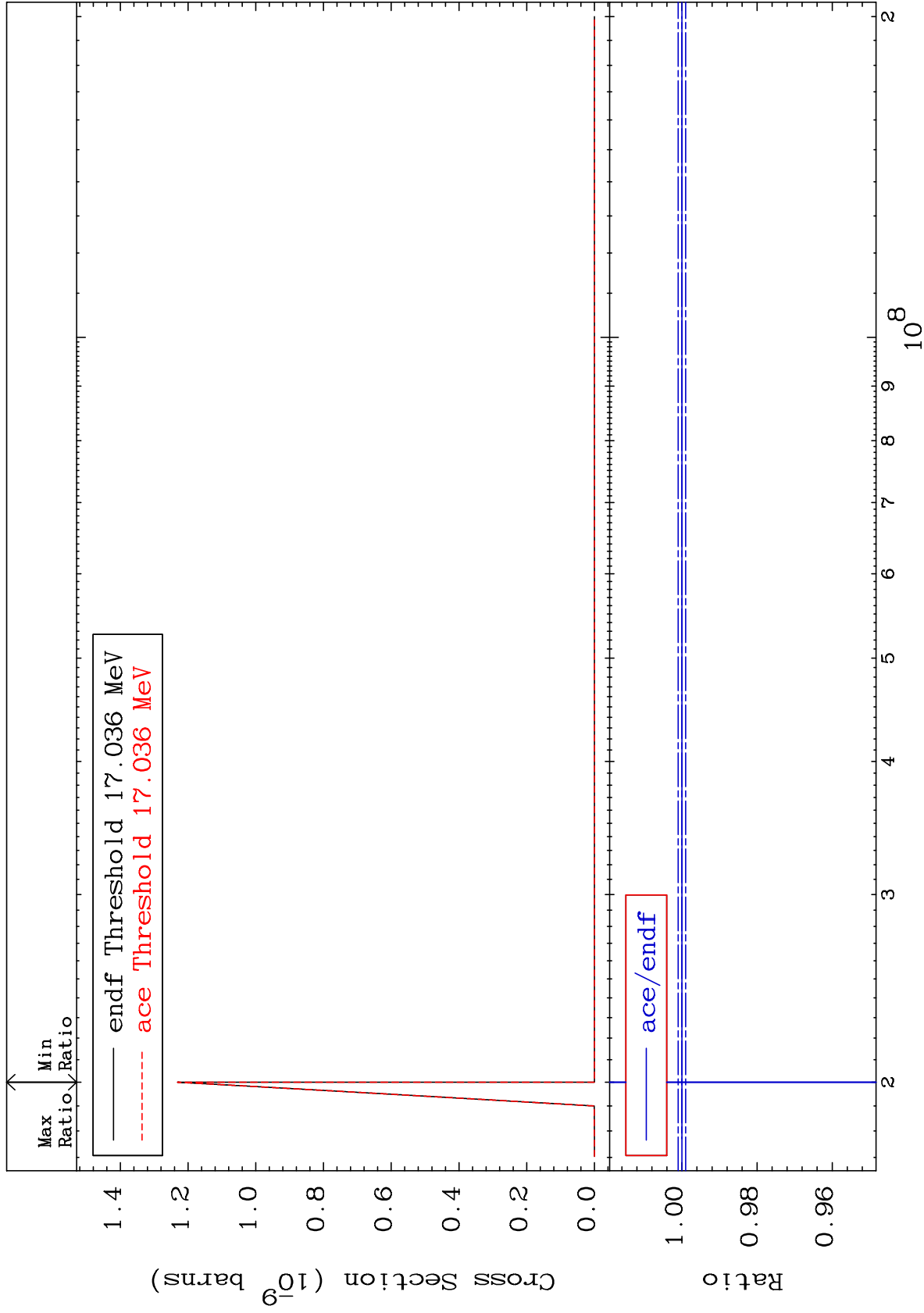
Incident Energy (eV)

58-Ce-138

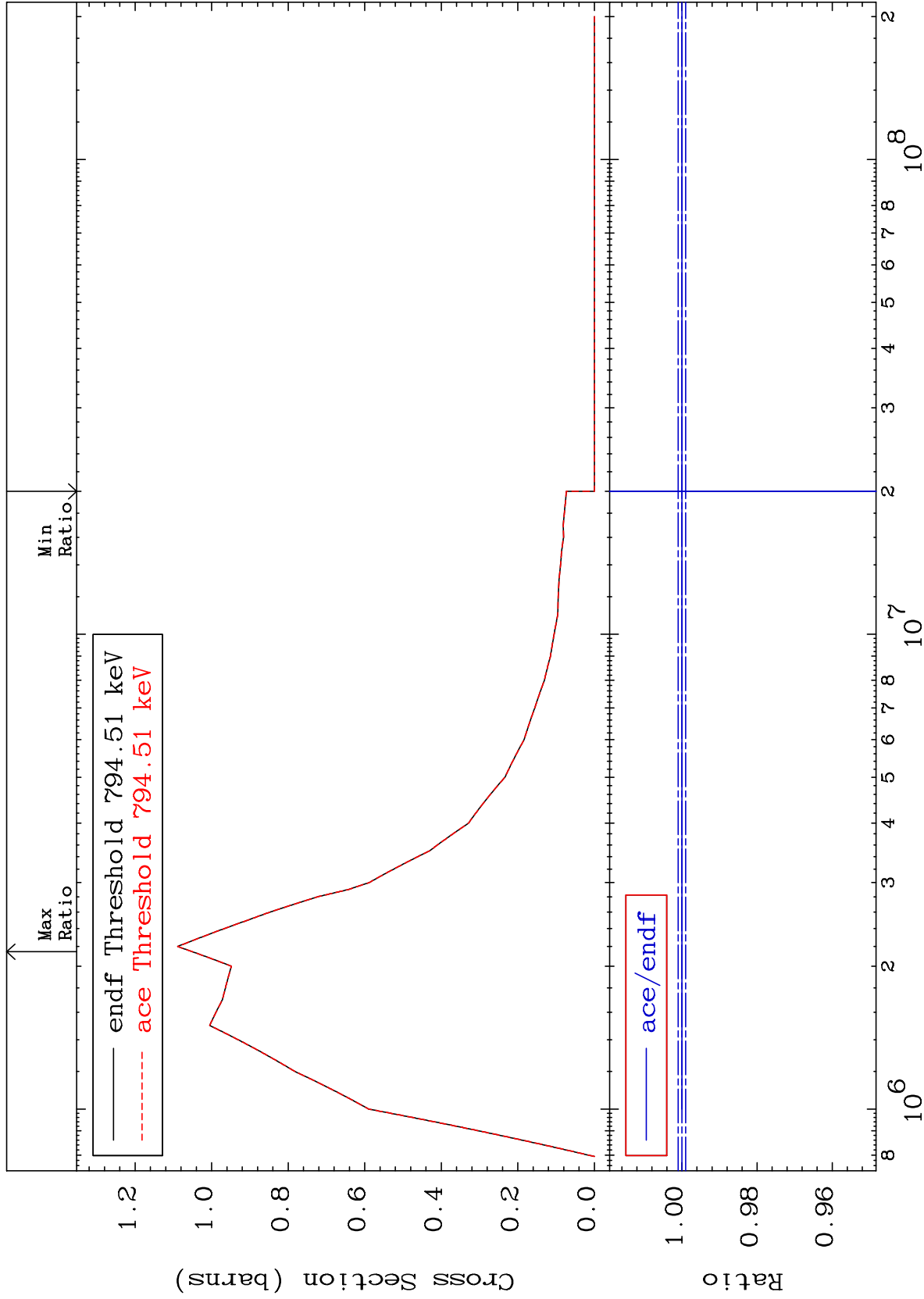
MAT 5831

(n,2n) p
Cross Section

58-Ce-138
-100.0 To 0.000 %

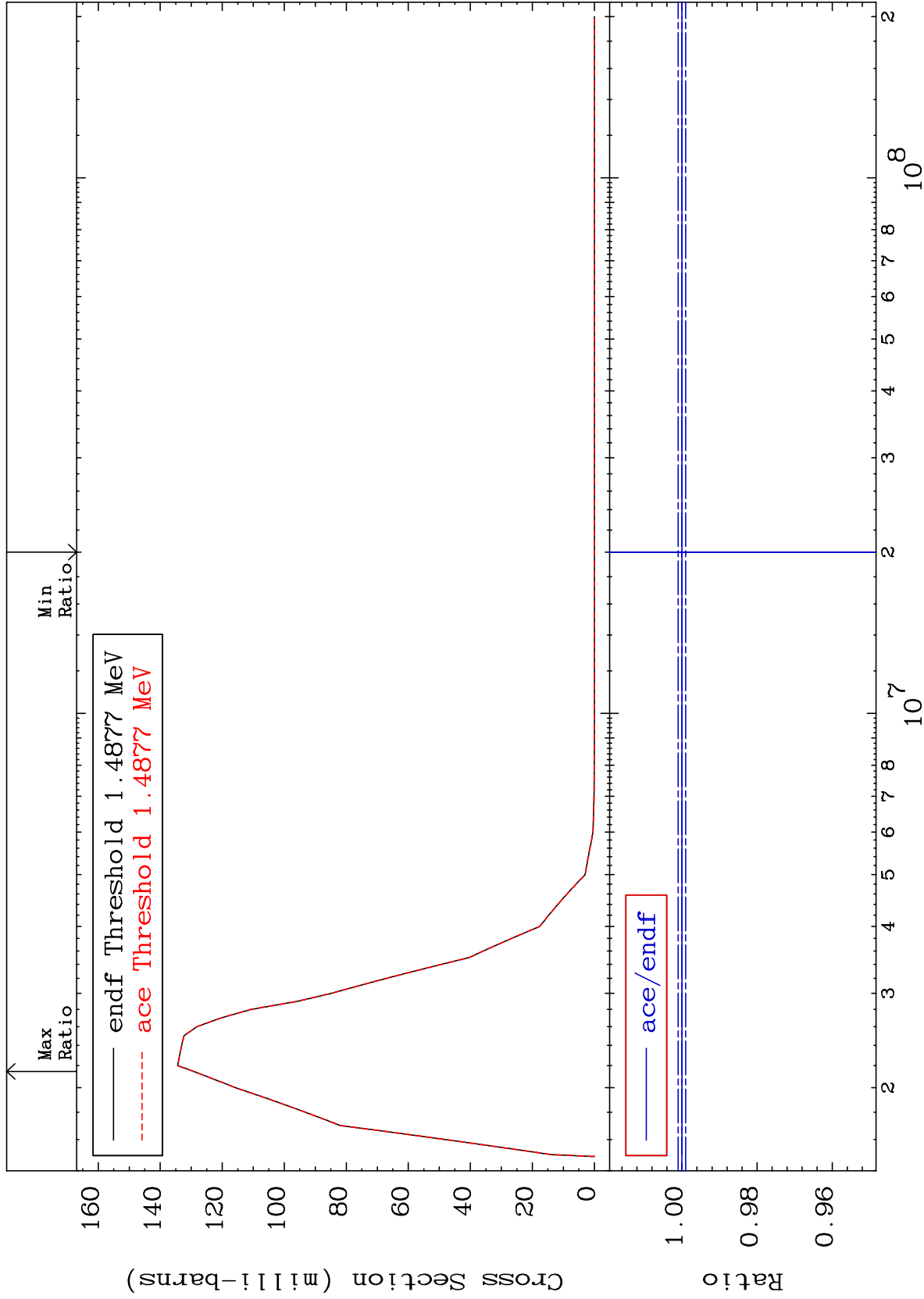


MAT 5831 788.7 keV (n,n') Level 58-Ce-138
Cross Section -100.0 To 0.000 %



9 58-Ce-138

MAT 5831 1.477 MeV (n,n') Level 58-Ce-138
Cross Section -100.0 To 0.000 %

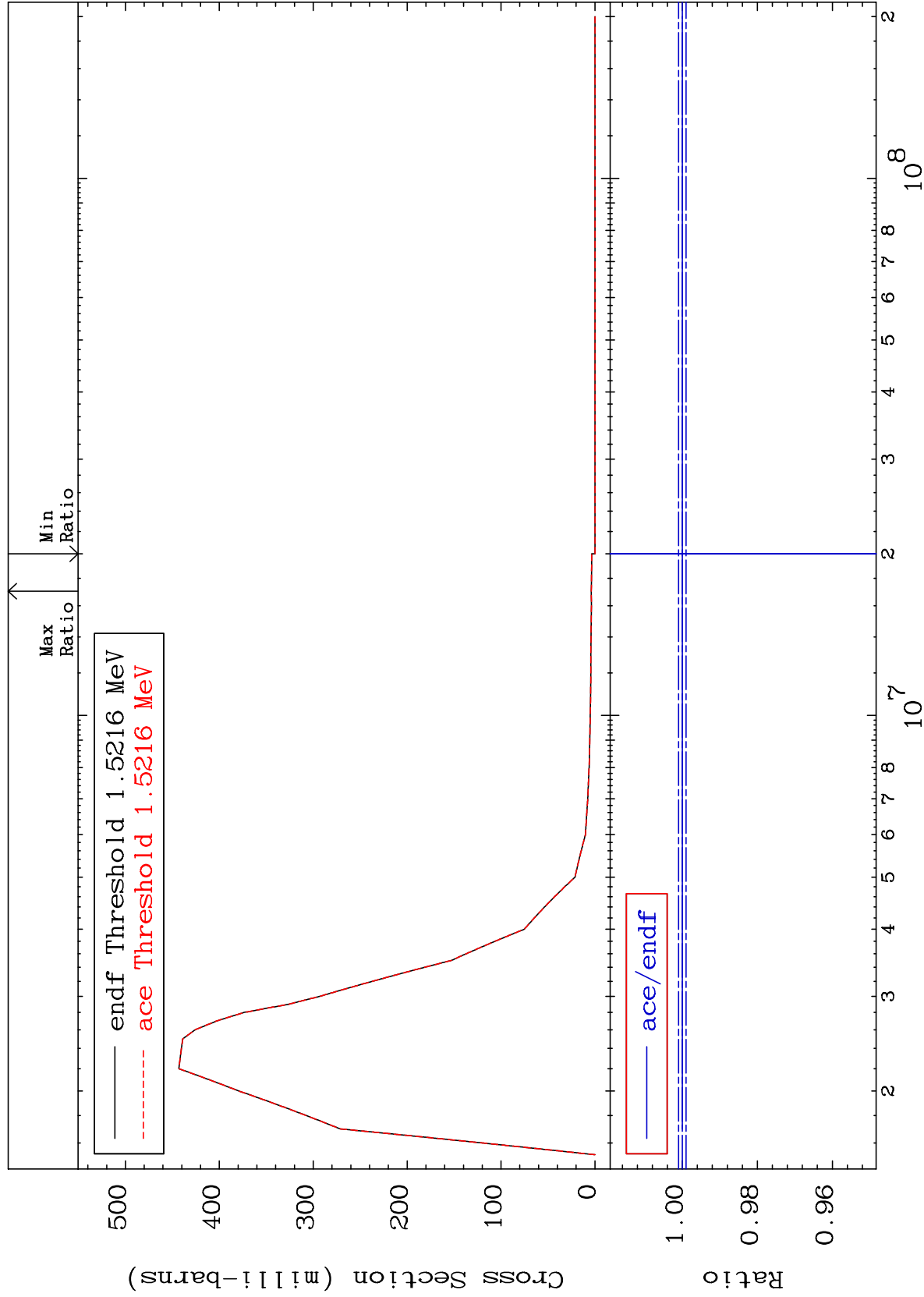


10 Incident Energy (eV) 58-Ce-138

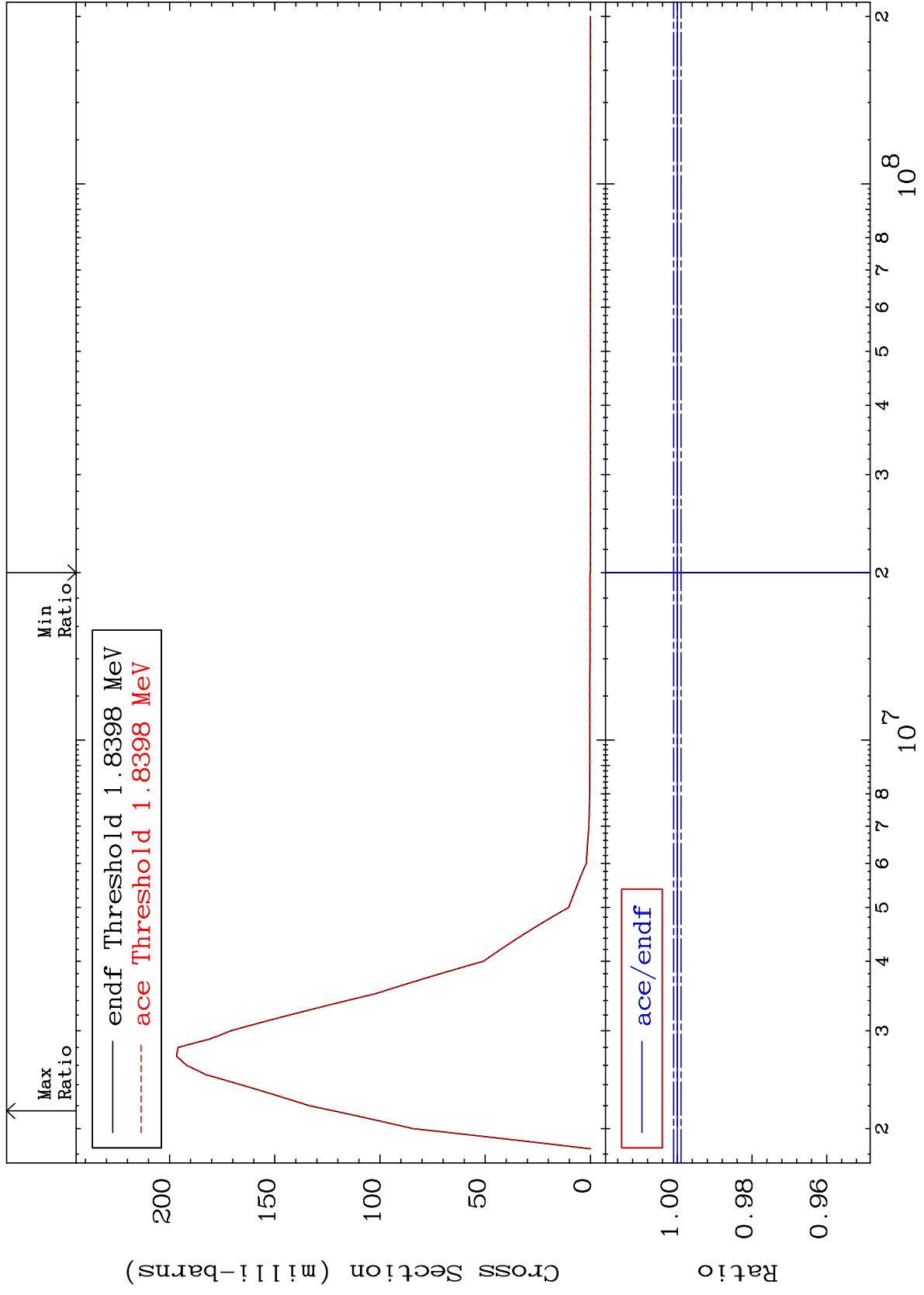
MAT 5831

1.511 MeV (n,n') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



MAT 5831 1.826 MeV (n,n') Level 58-Ce-138
 Cross Section -100.0 To 0.000 %

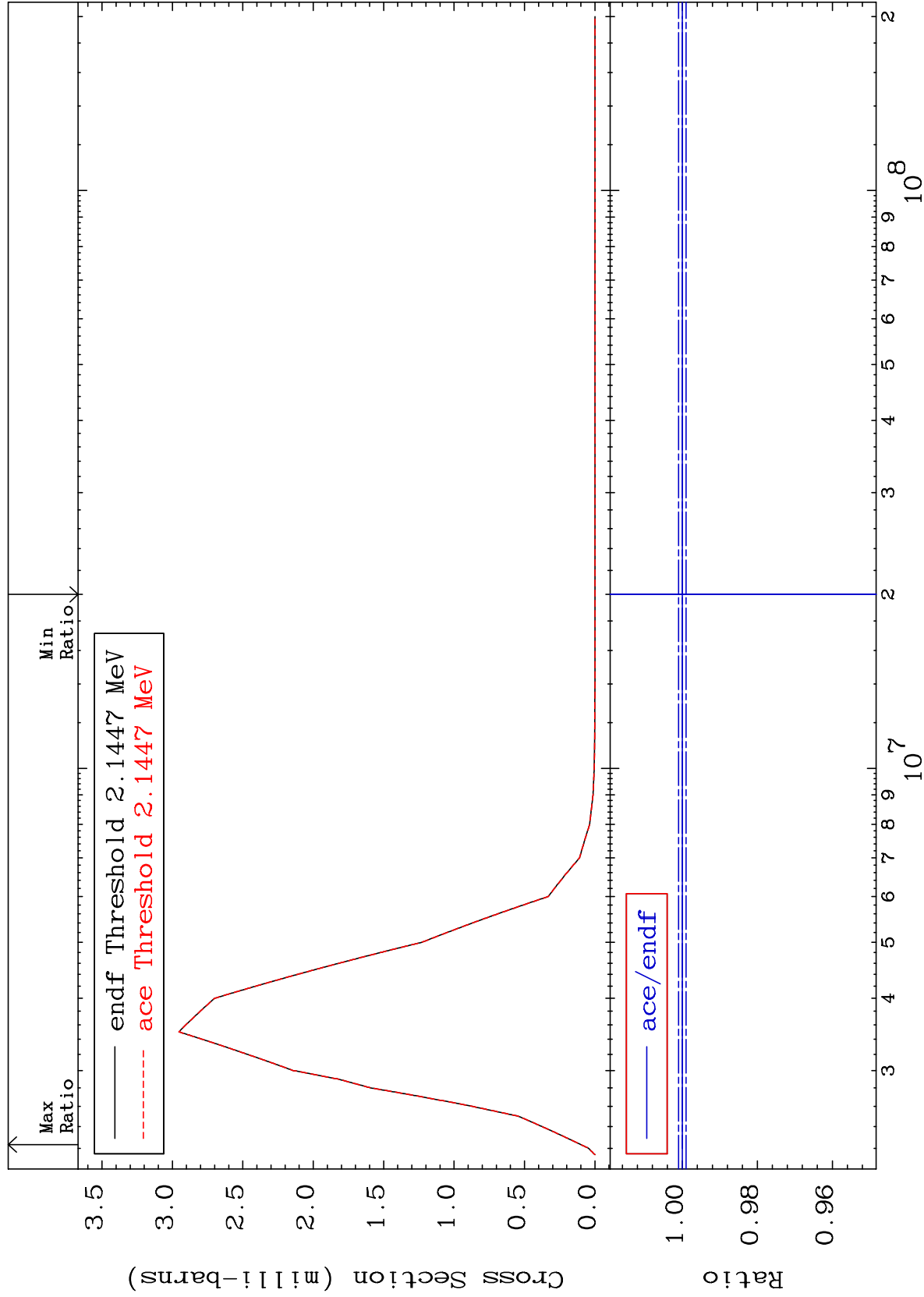


12 Incident Energy (eV) 58-Ce-138

MAT 5831

2.129 MeV (n,n') Level
Cross Section

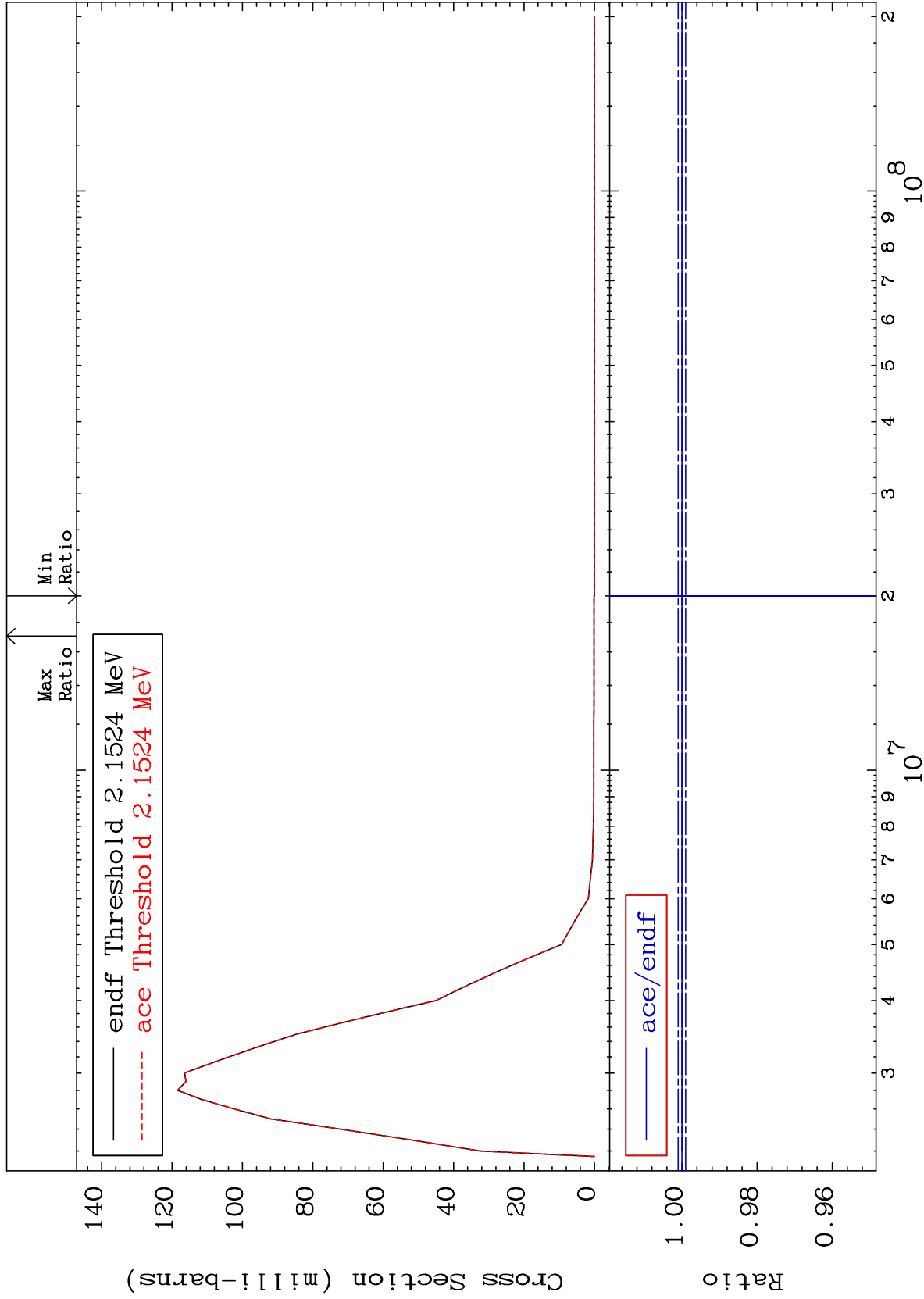
58-Ce-138
-100.0 To 0.000 %



MAT 5831

2.137 MeV (n,n') Level
Cross Section

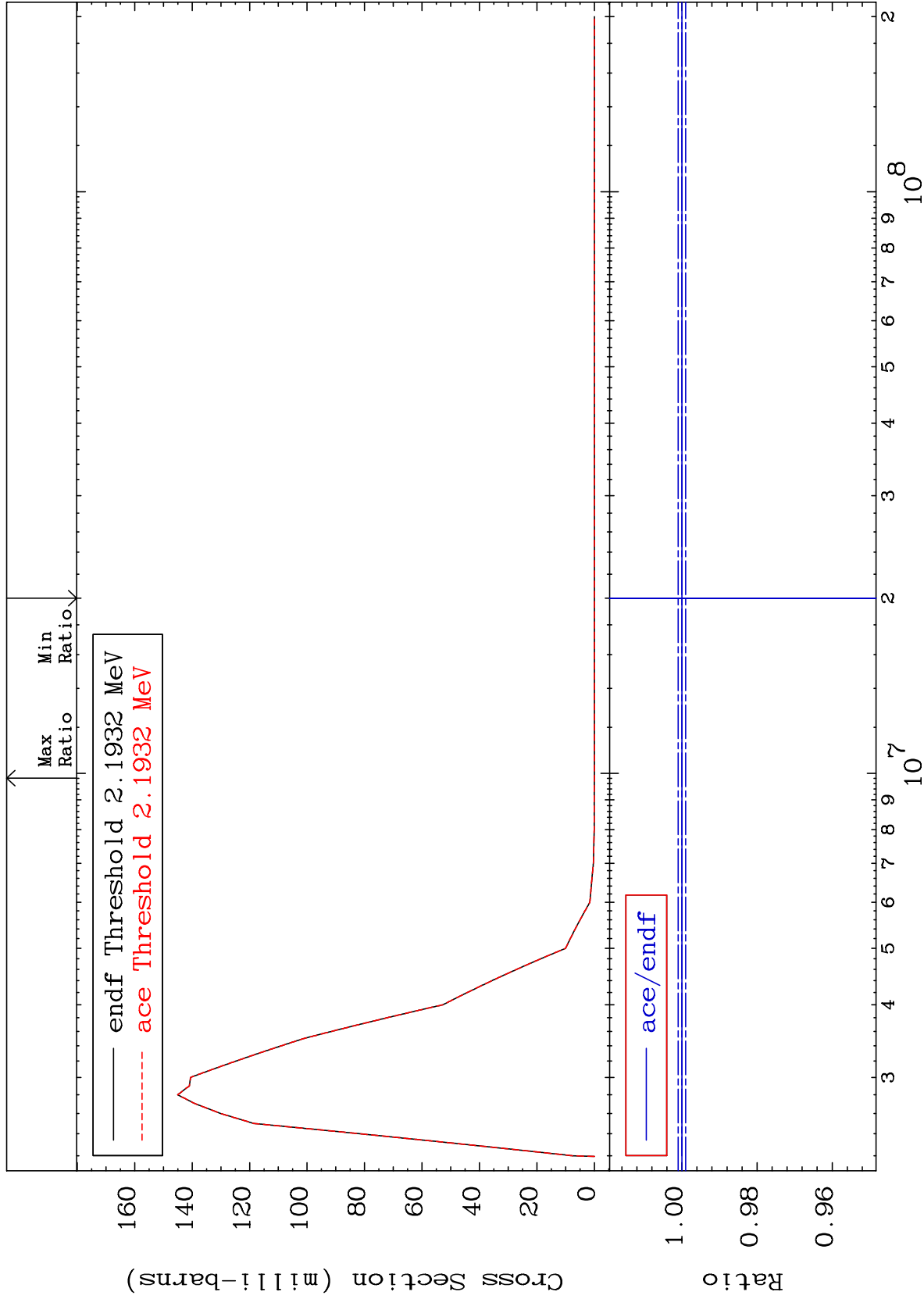
58-Ce-138
-100.0 To 0.000 %



MAT 5831

2.177 MeV (n,n') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



15

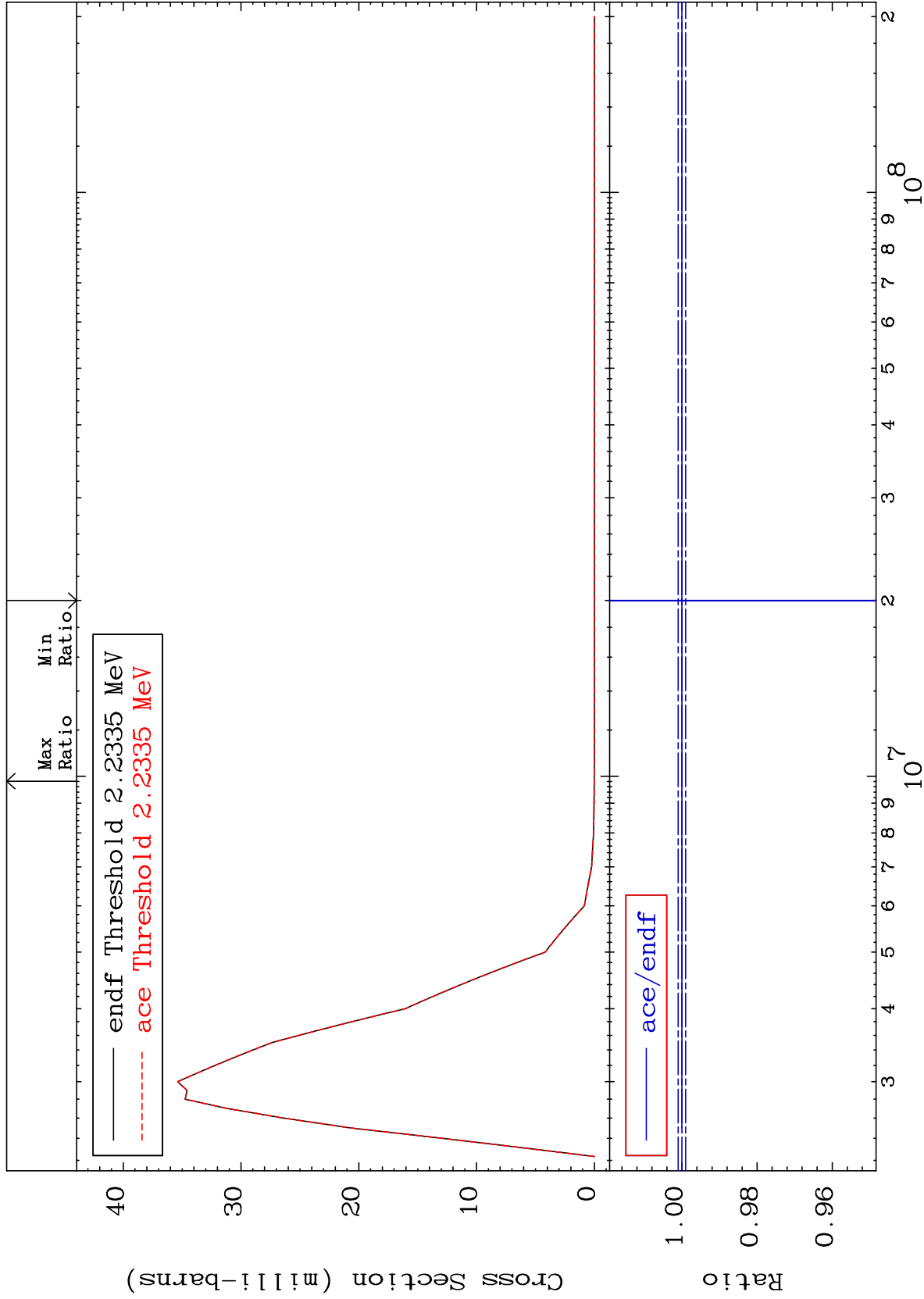
Incident Energy (eV)

58-Ce-138

MAT 5831

2.217 MeV (n,n') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



16

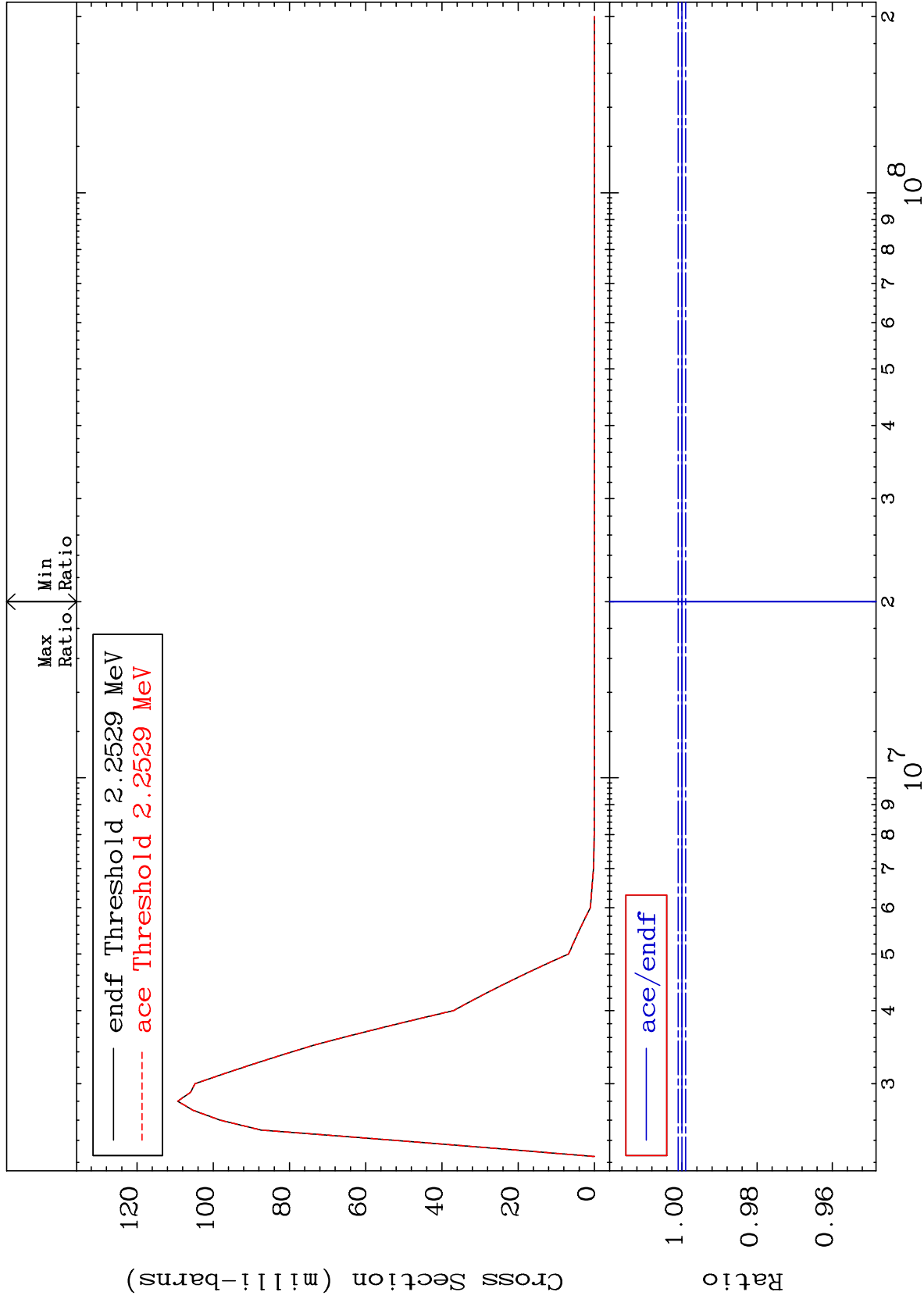
Incident Energy (eV)

58-Ce-138

MAT 5831

2.237 MeV (n,n') Level
Cross Section

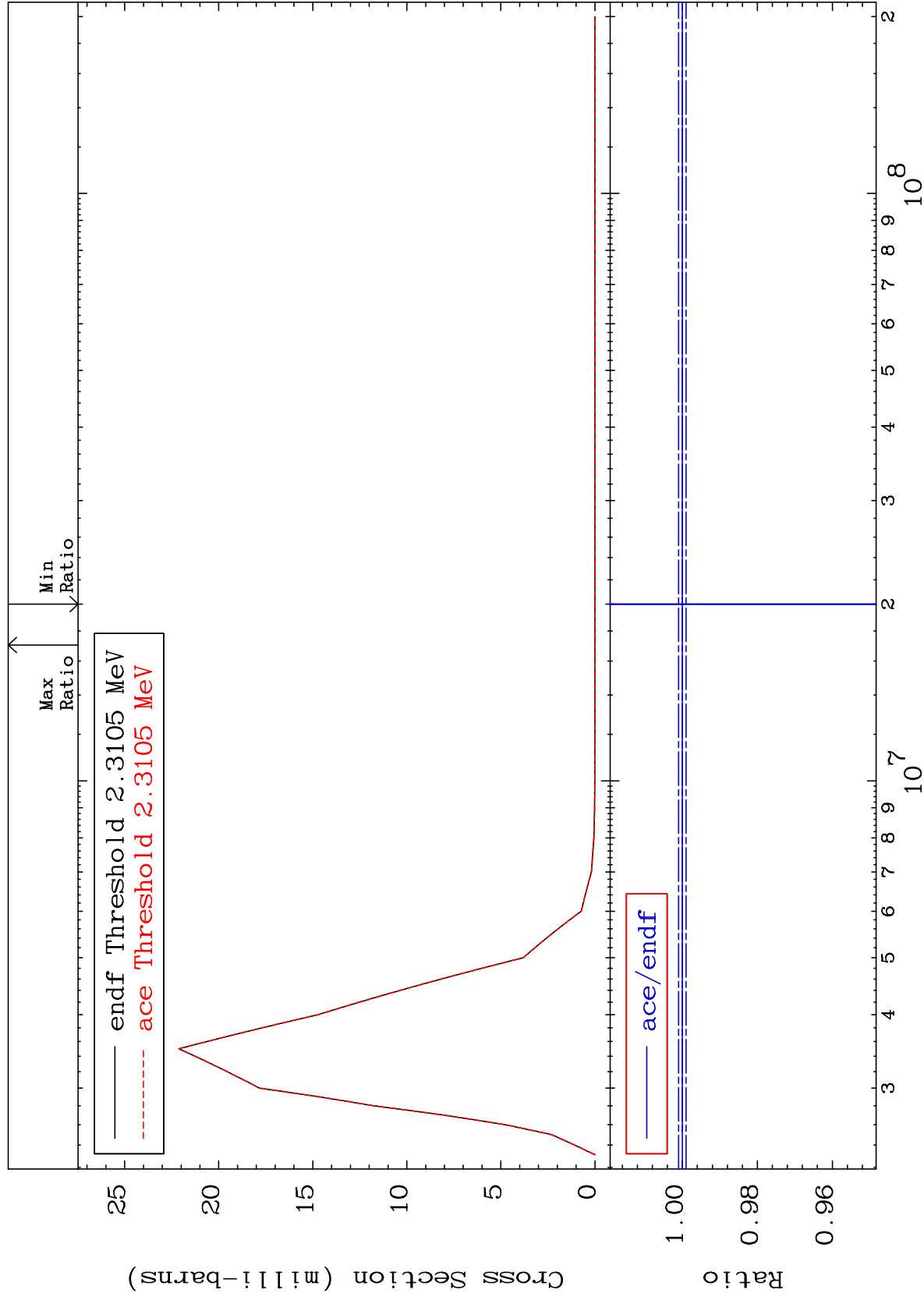
58-Ce-138
-100.0 To 0.000 %



MAT 5831

2.294 MeV (n,n') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



18

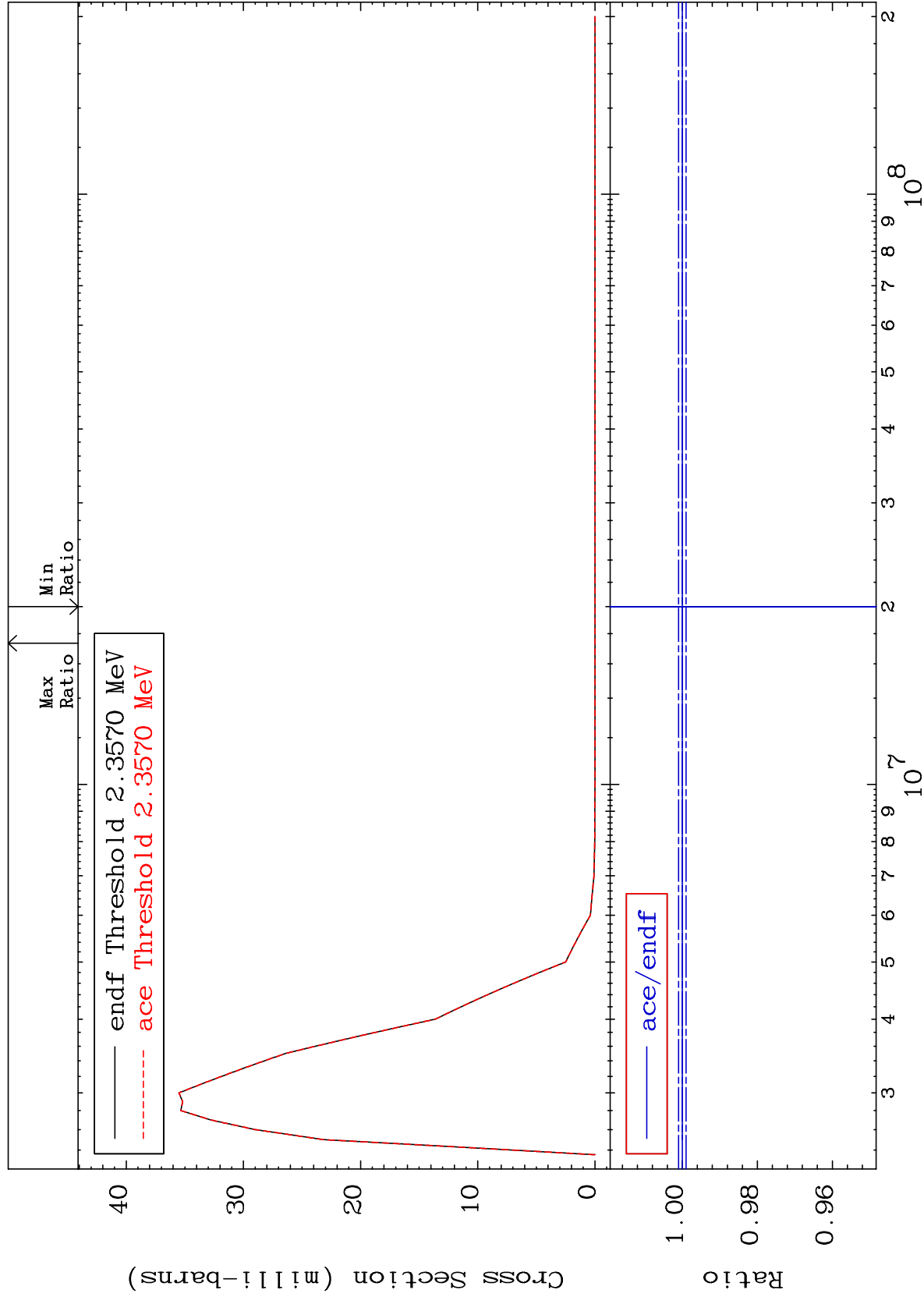
Incident Energy (eV)

58-Ce-138

MAT 5831

2.340 MeV (n,n') Level
Cross Section

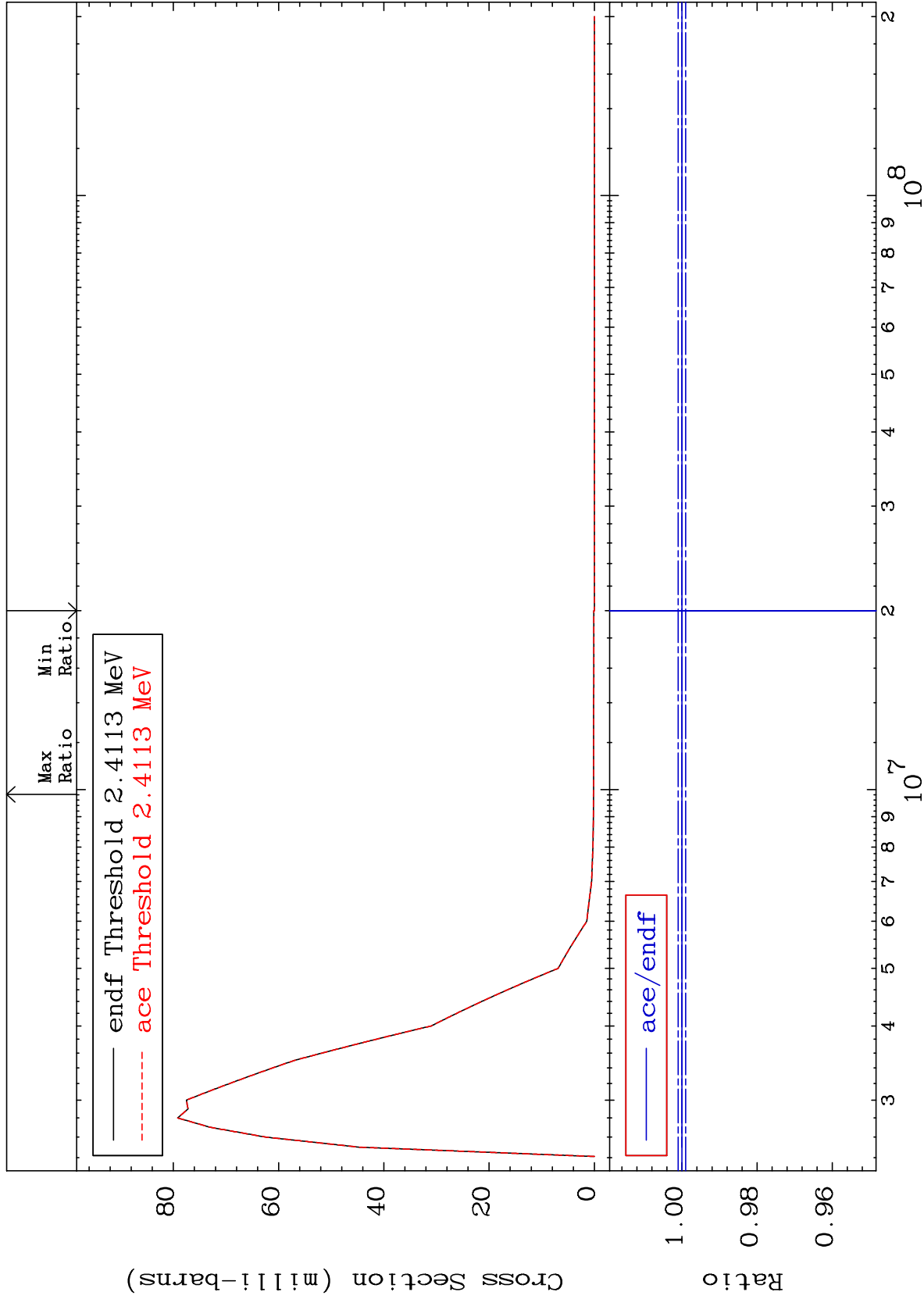
58-Ce-138
-100.0 To 0.000 %



MAT 5831

2.394 MeV (n,n') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



20

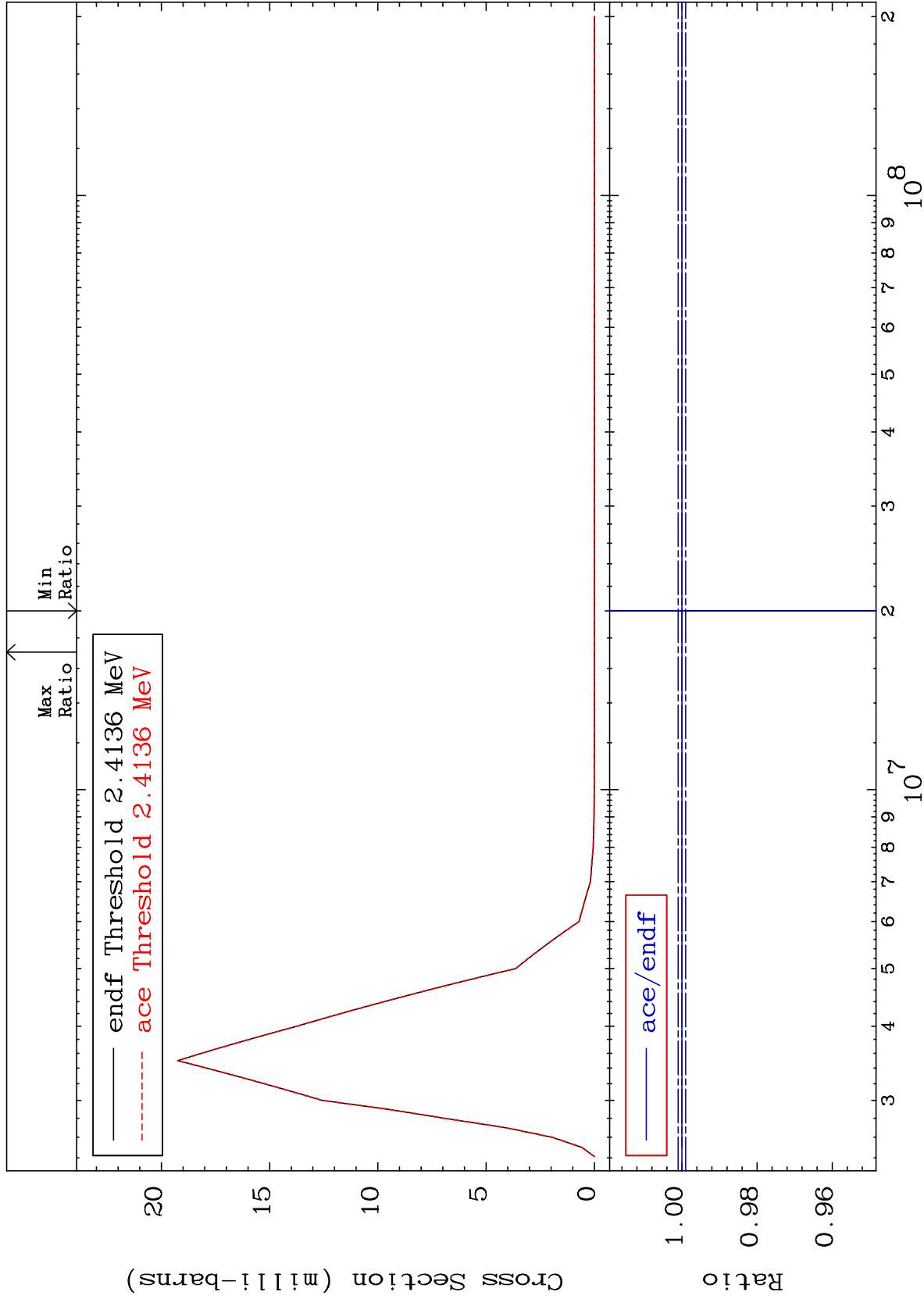
Incident Energy (eV)

58-Ce-138

MAT 5831

2.396 MeV (n,n') Level
Cross Section

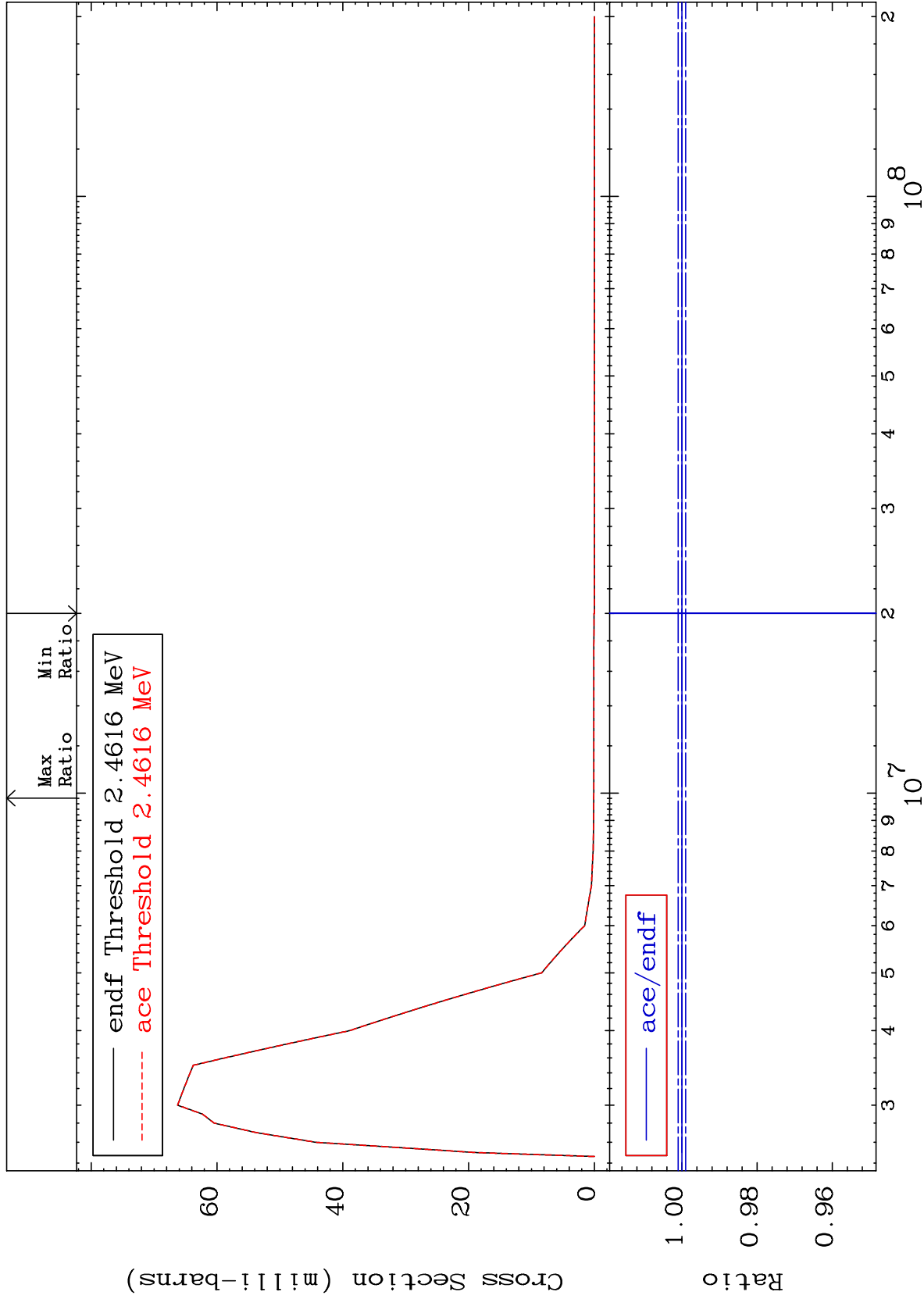
58-Ce-138
-100.0 To 0.000 %



MAT 5831

2.444 MeV (n,n') Level
Cross Section

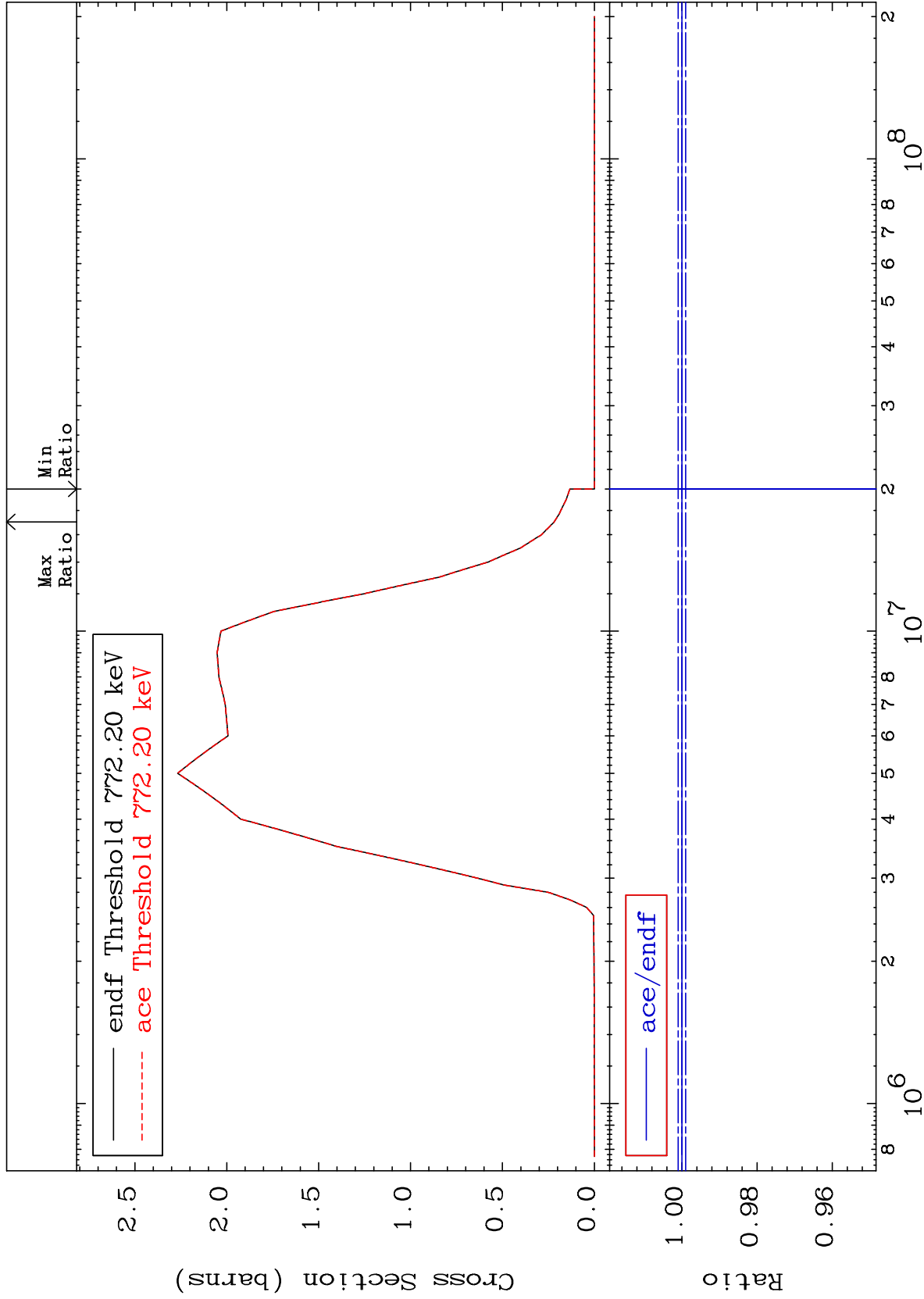
58-Ce-138
-100.0 To 0.000 %



MAT 5831

(n,n') Continuum
Cross Section

58-Ce-138
-100.0 To 0.000 %



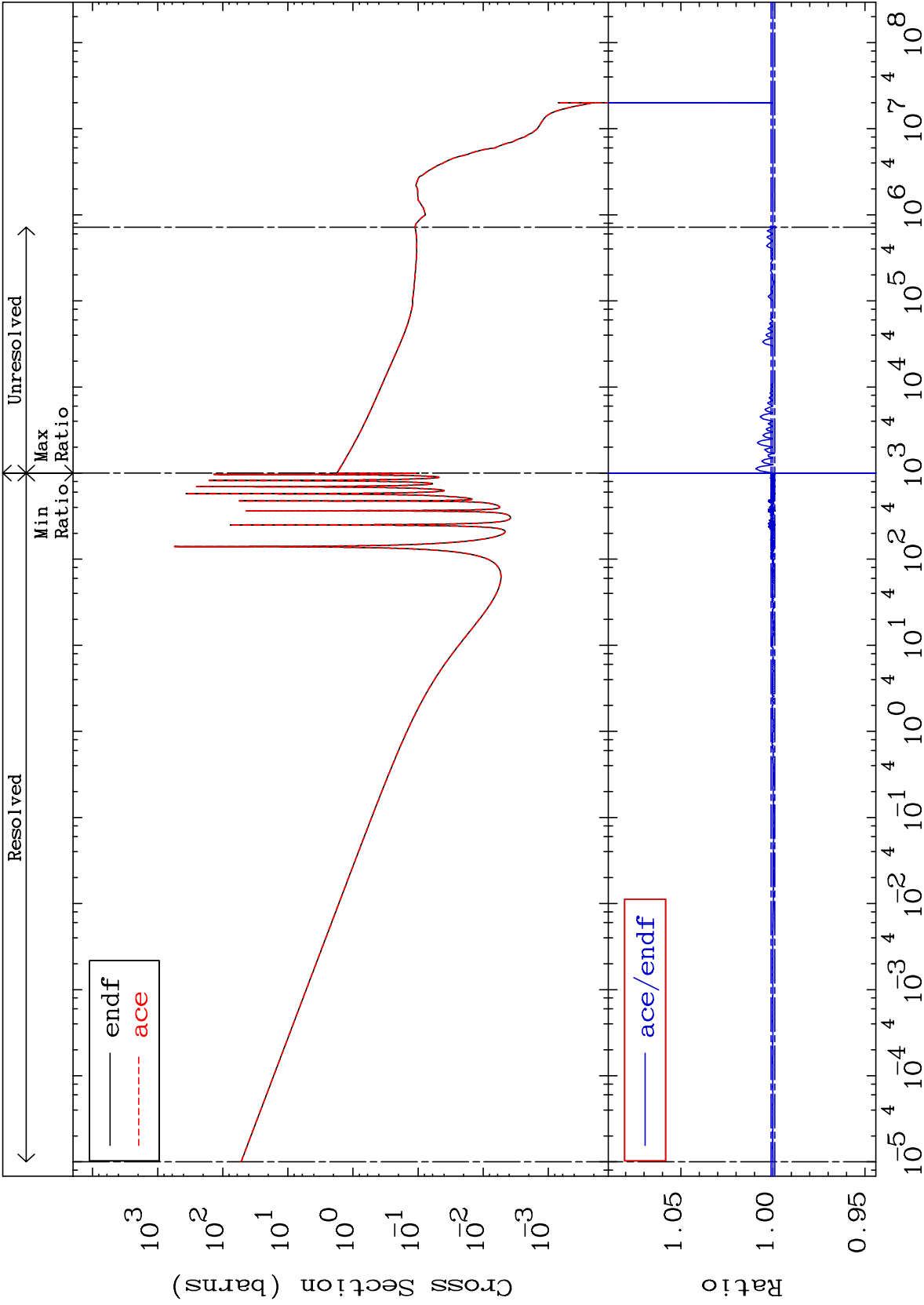
MAT 5831

(n, γ)

58-Ce-138

Cross Section

-23.60 To 1284. %



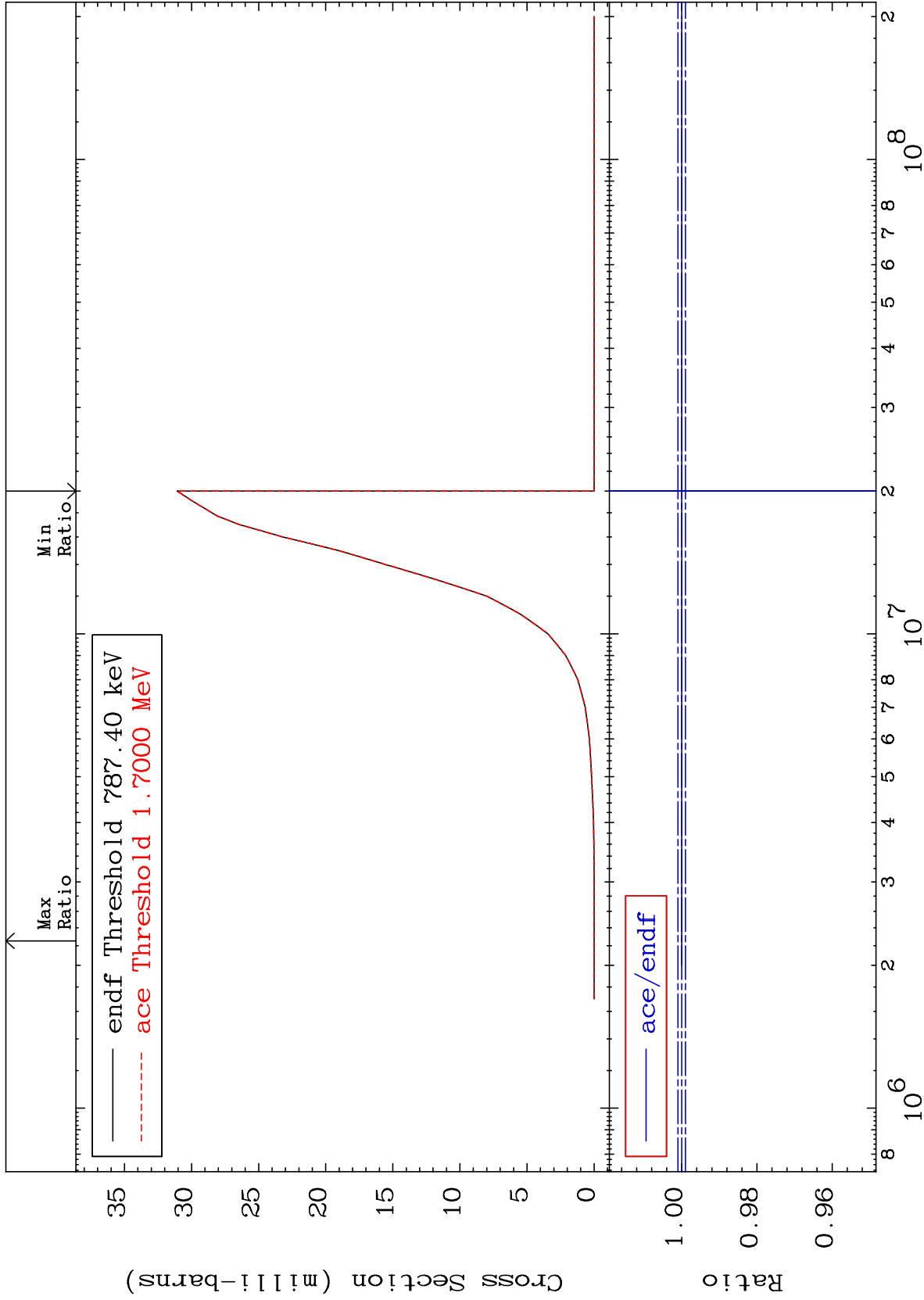
MAT 5831

(n,p)

58-Ce-138

Cross Section

-100.0 To 0.000 %



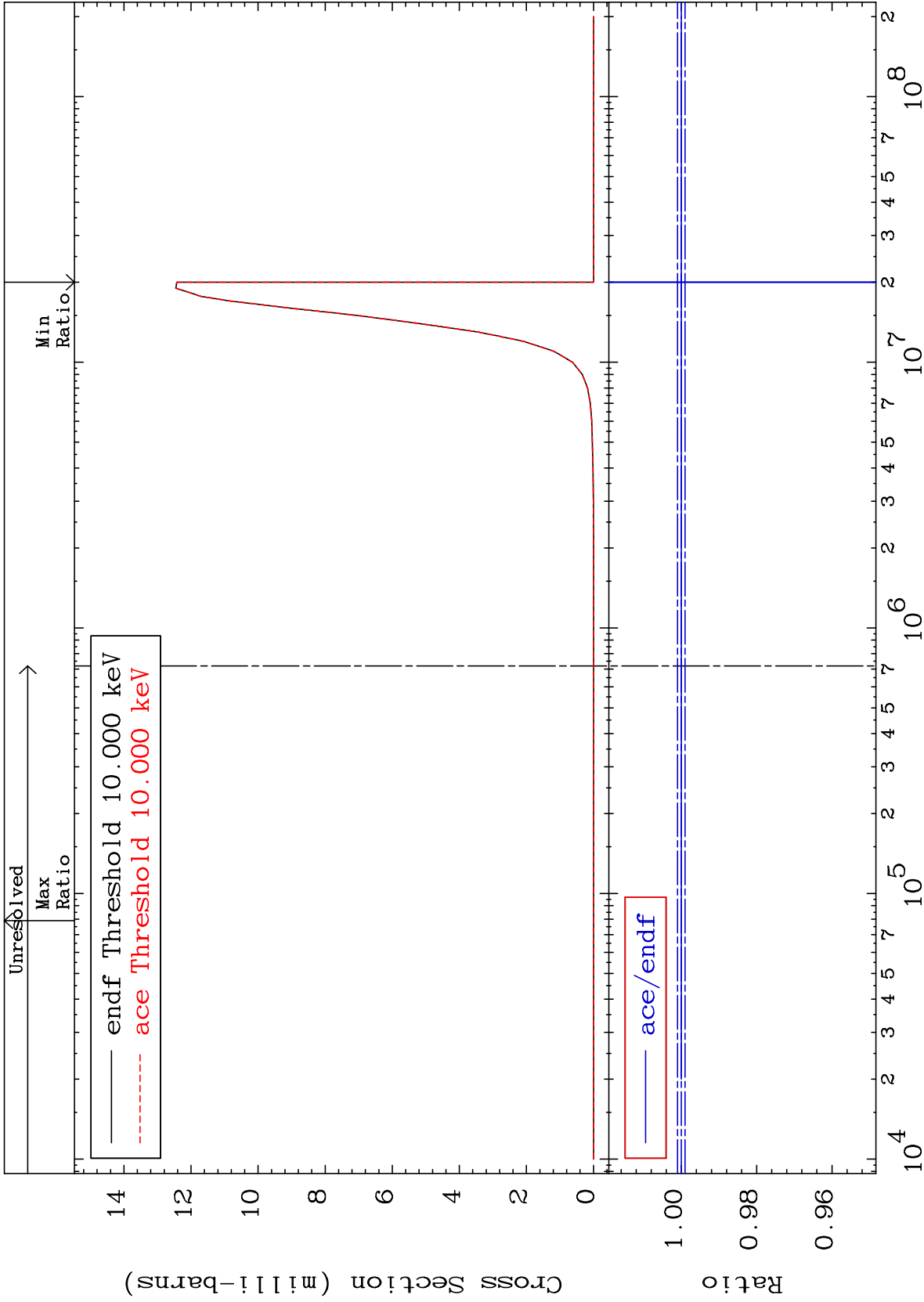
MAT 5831

(n, α)

58-Ce-138

Cross Section

-100.0 To 0.000 %

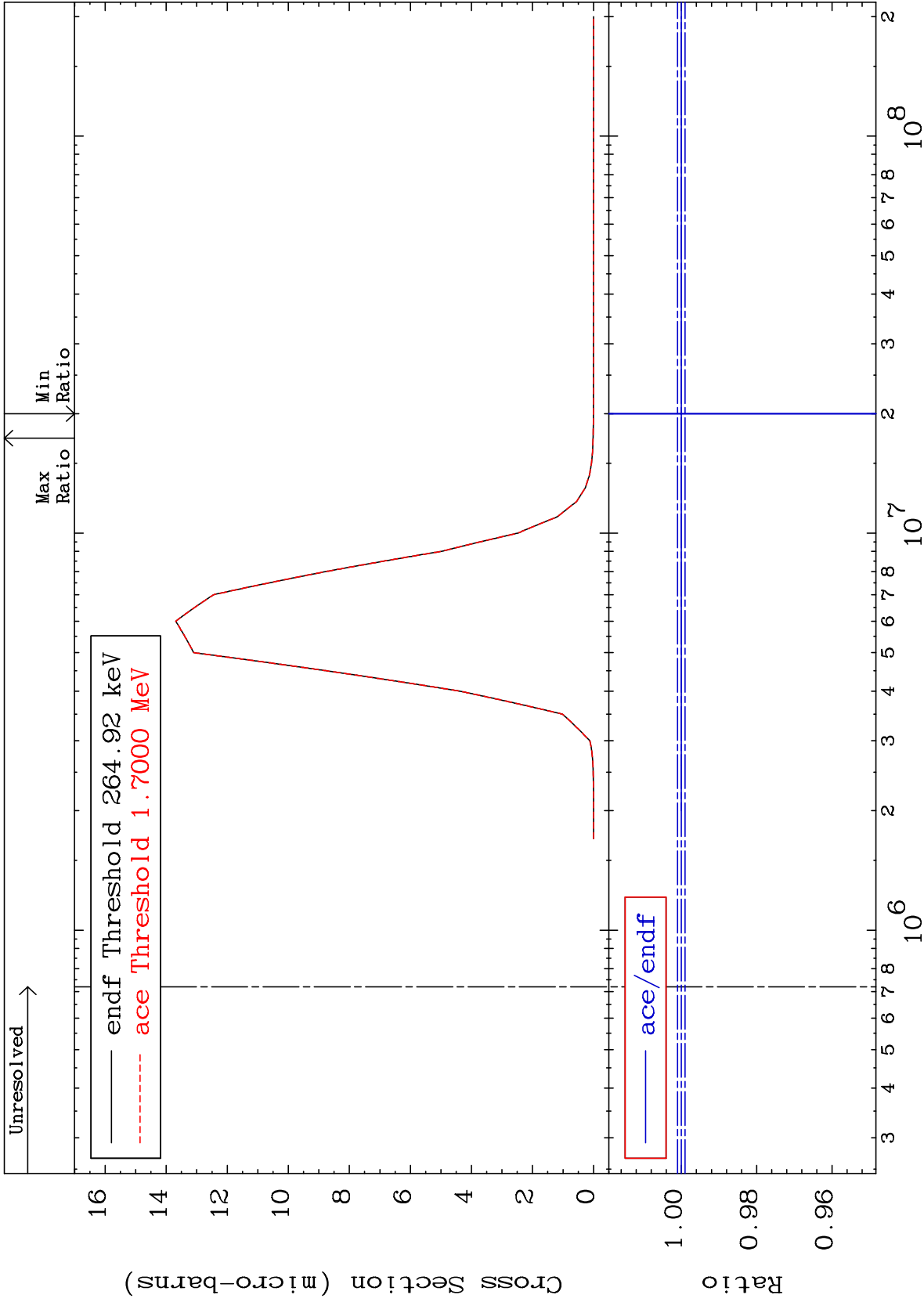


26

MAT 5831

(n, p') Ground
Cross Section

58-Ce-138
-100.0 To 0.000 %



27

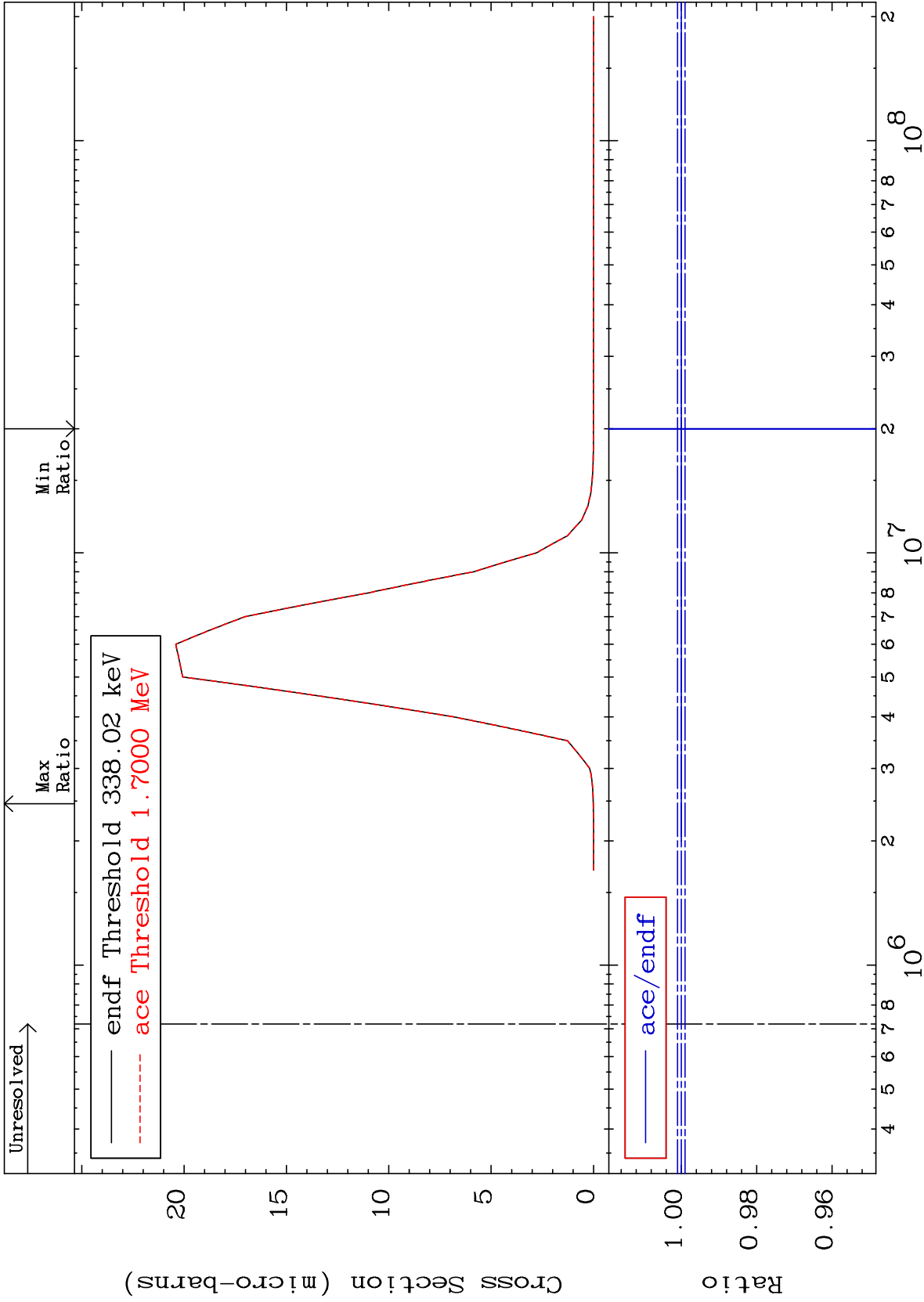
Incident Energy (eV)

58-Ce-138

MAT 5831

72.57 keV (n,p') Level
Cross Section

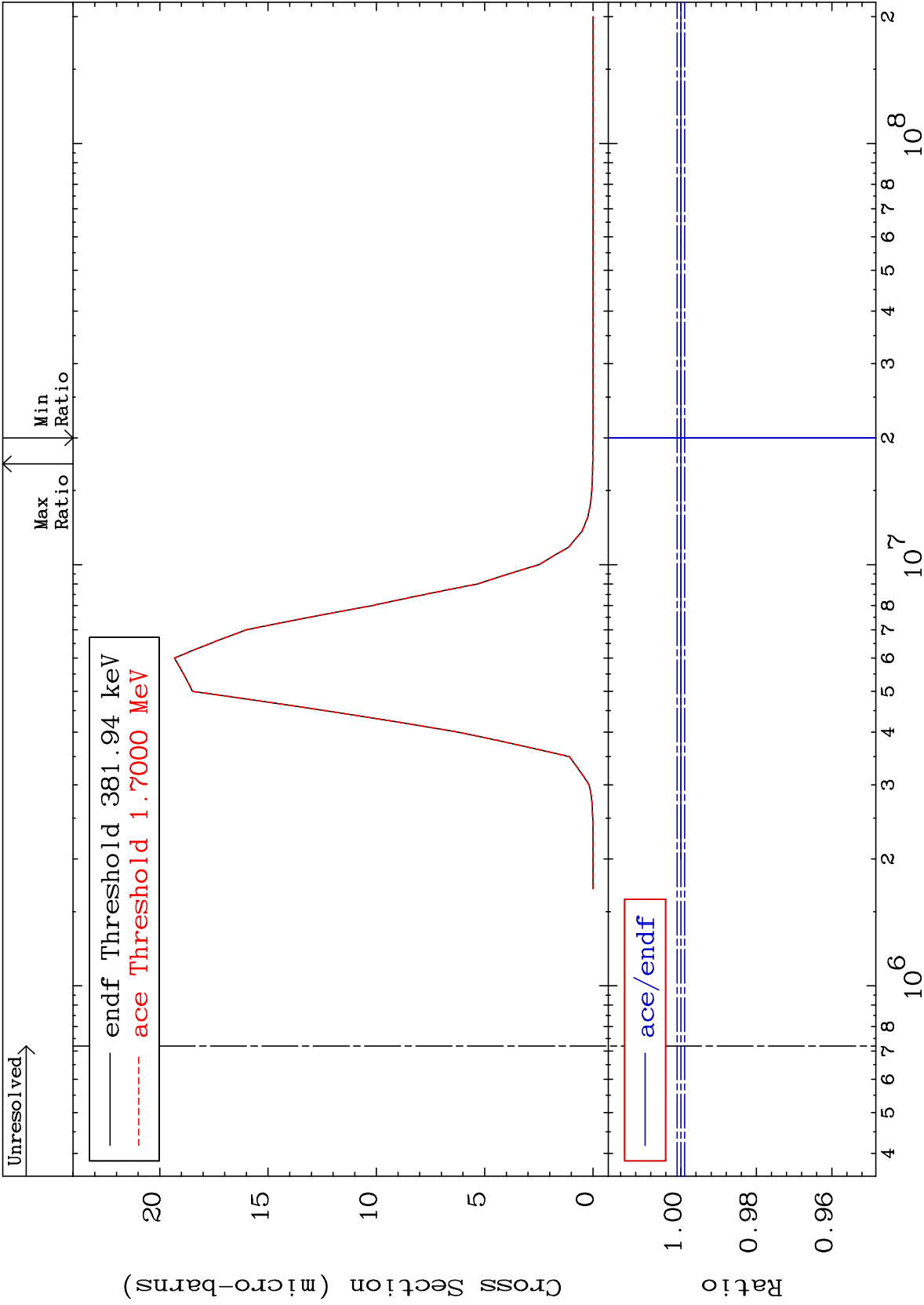
58-Ce-138
-100.0 To 0.000 %



MAT 5831

116.2 keV (n,p') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



29

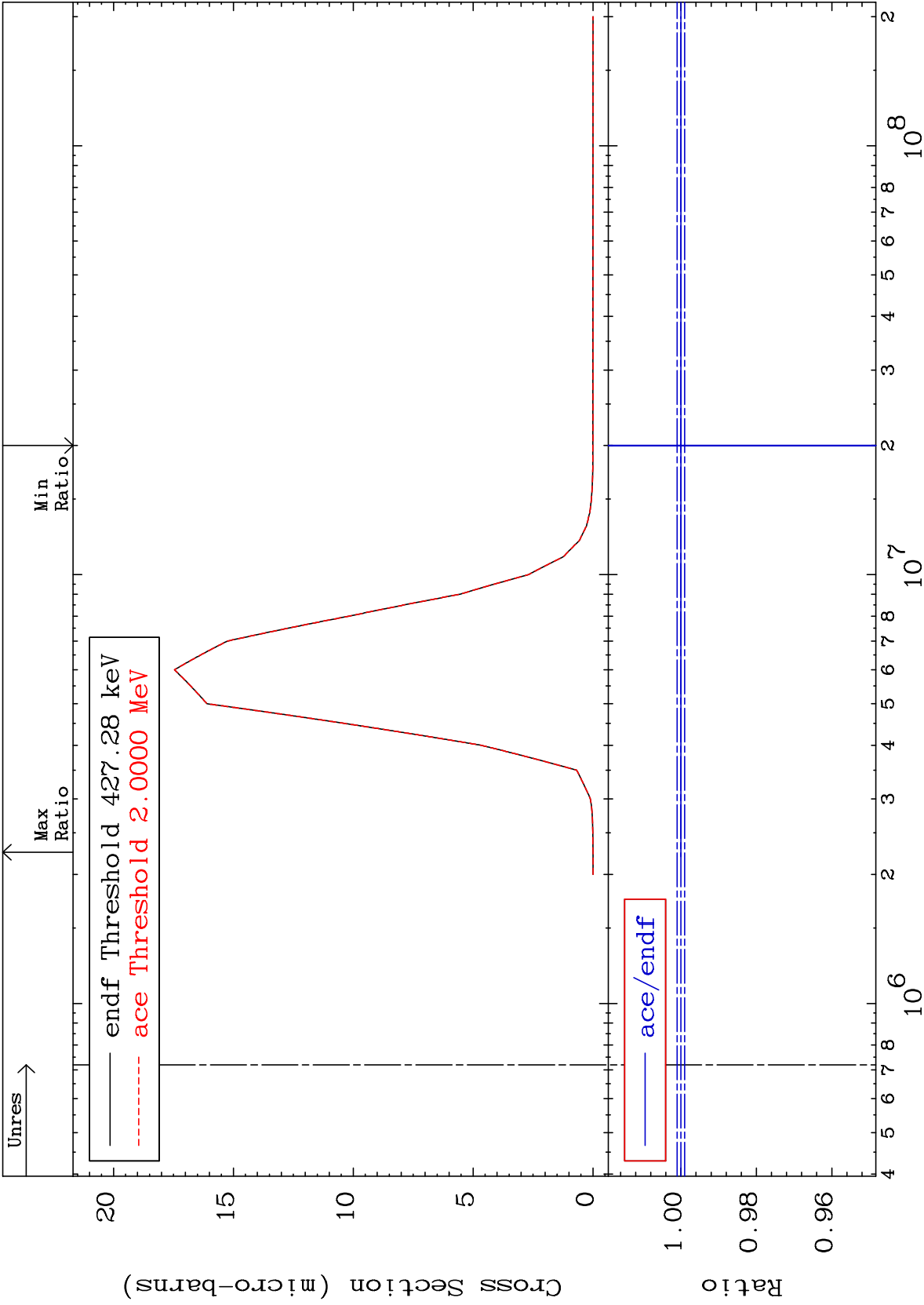
Incident Energy (eV)

58-Ce-138

MAT 5831

161.2 keV (n,p') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %

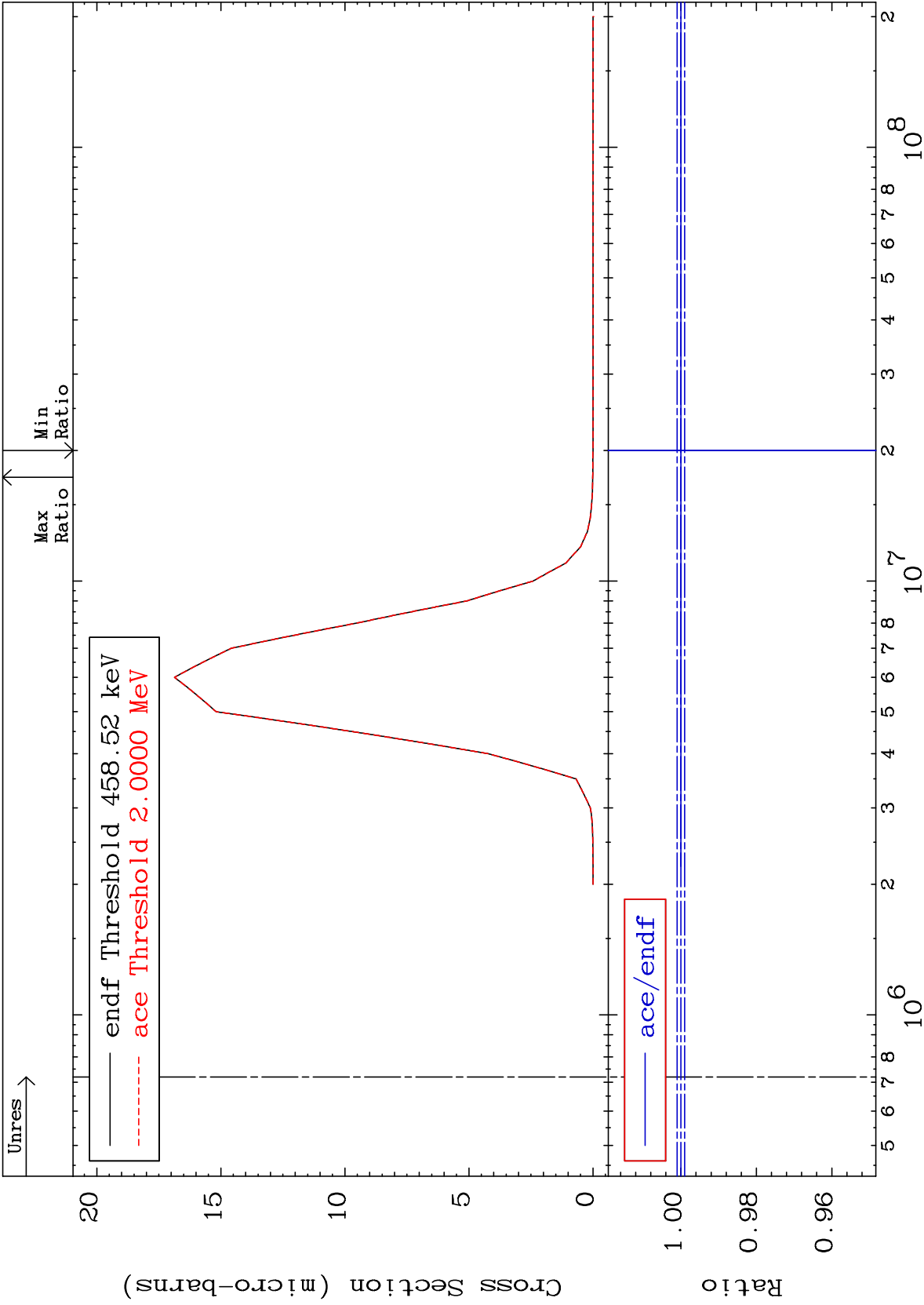


30

Incident Energy (eV)

58-Ce-138

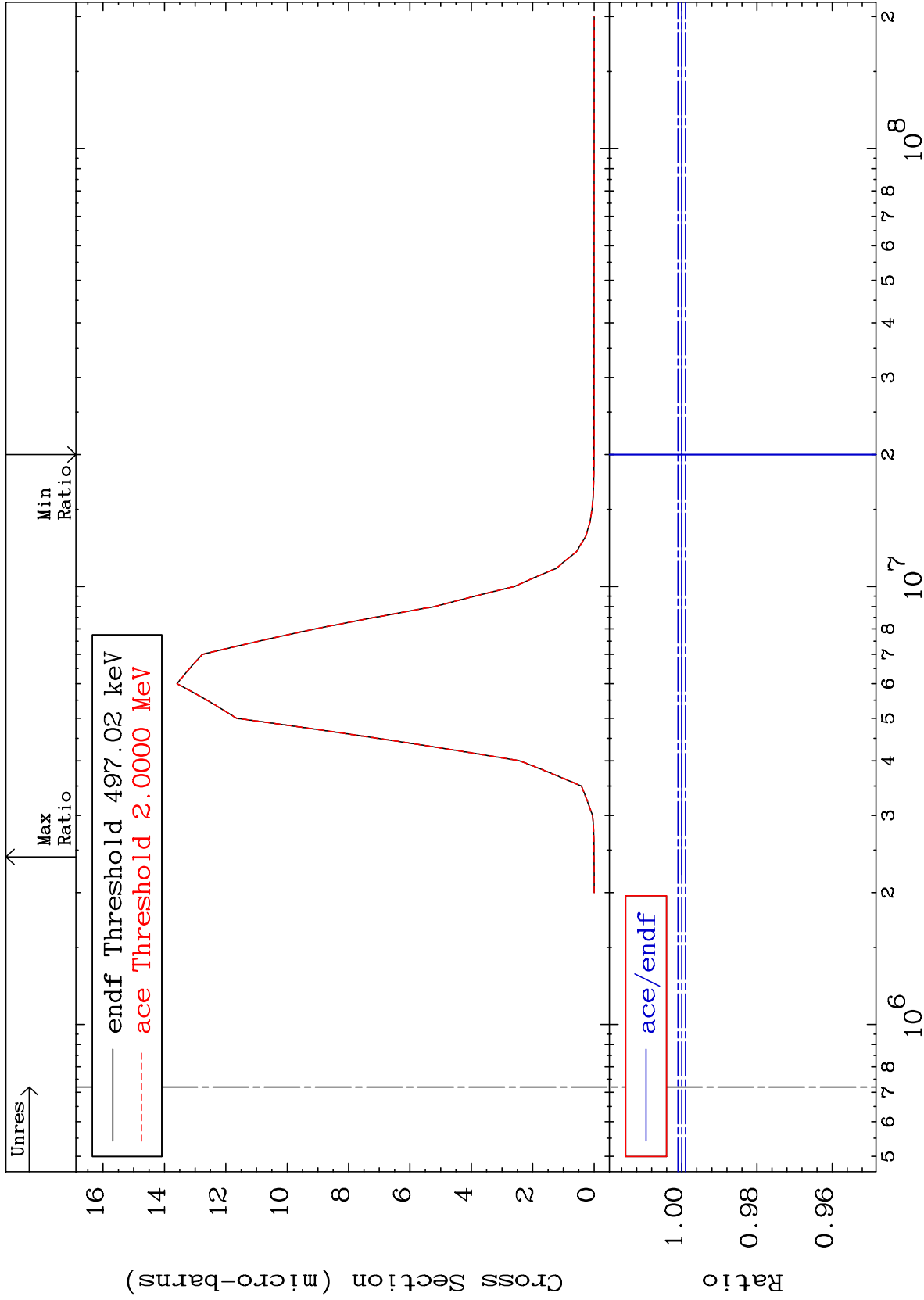
MAT 5831 192.2 keV (n,p') Level 58-Ce-138
 Cross Section -100.0 To 0.000 %



MAT 5831

230.4 keV (n,p') Level
Cross Section

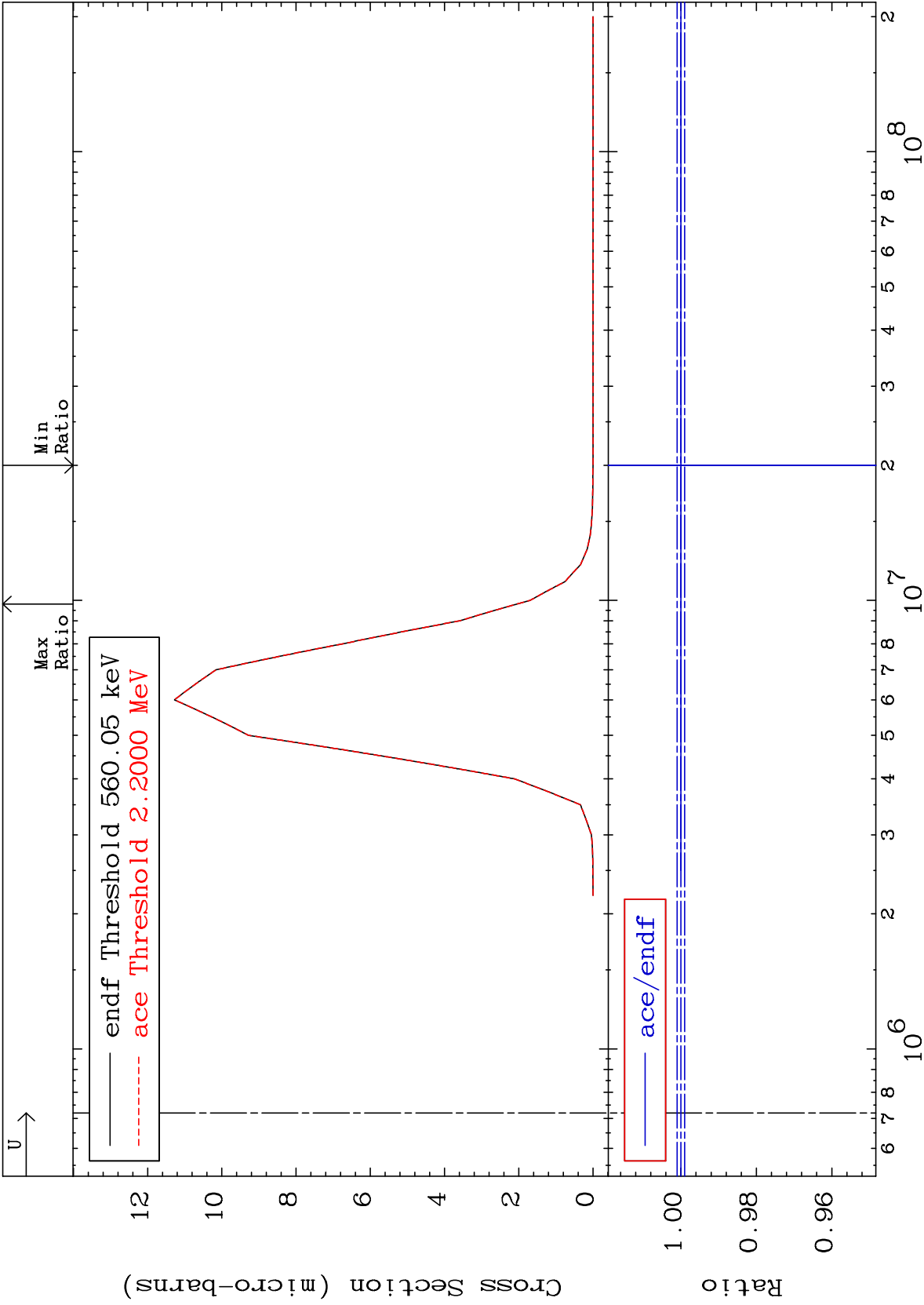
58-Ce-138
-100.0 To 0.000 %



MAT 5831

293.0 keV (n,p') Level
Cross Section

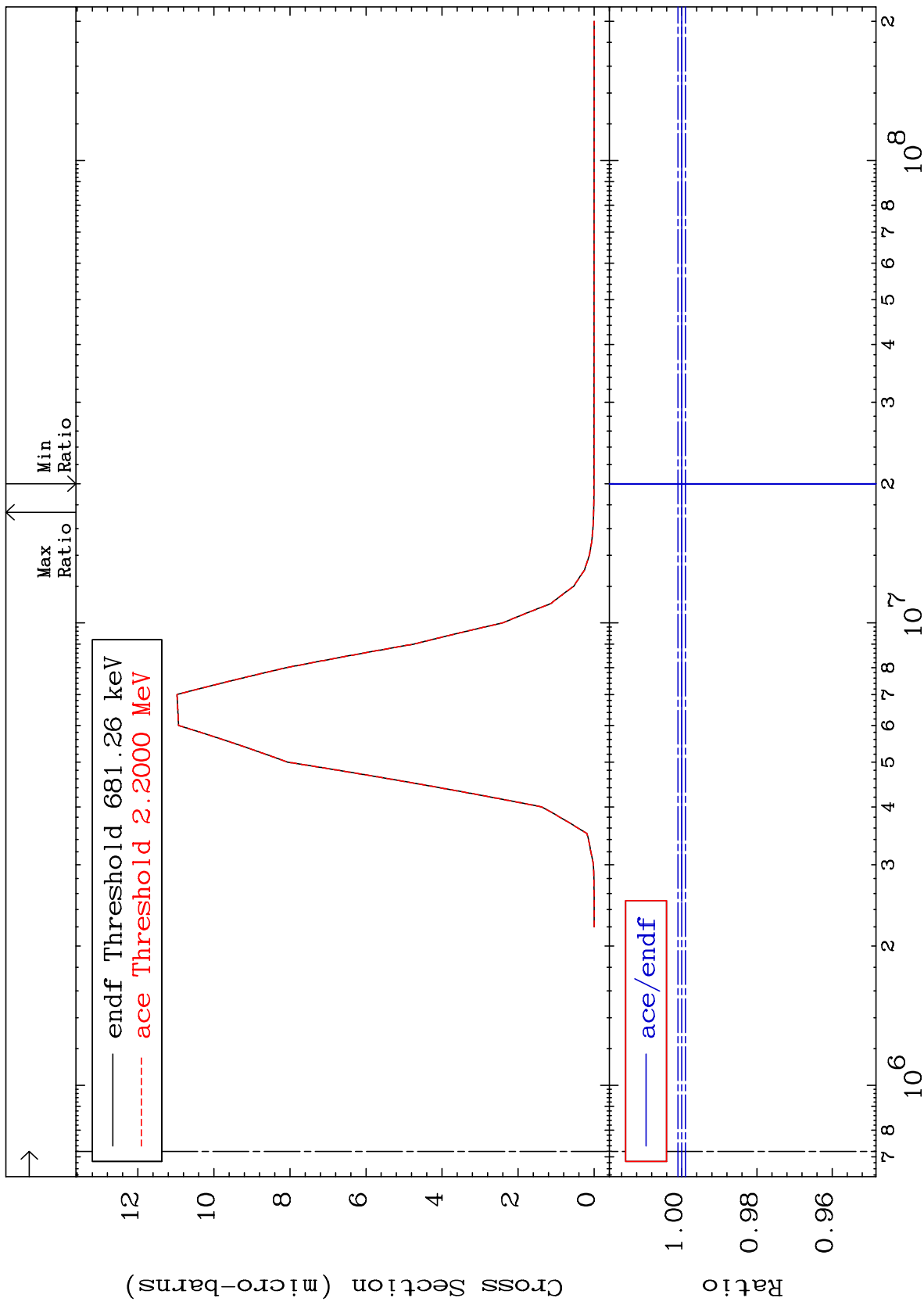
58-Ce-138
-100.0 To 0.000 %



MAT 5831

413.3 keV (n,p') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



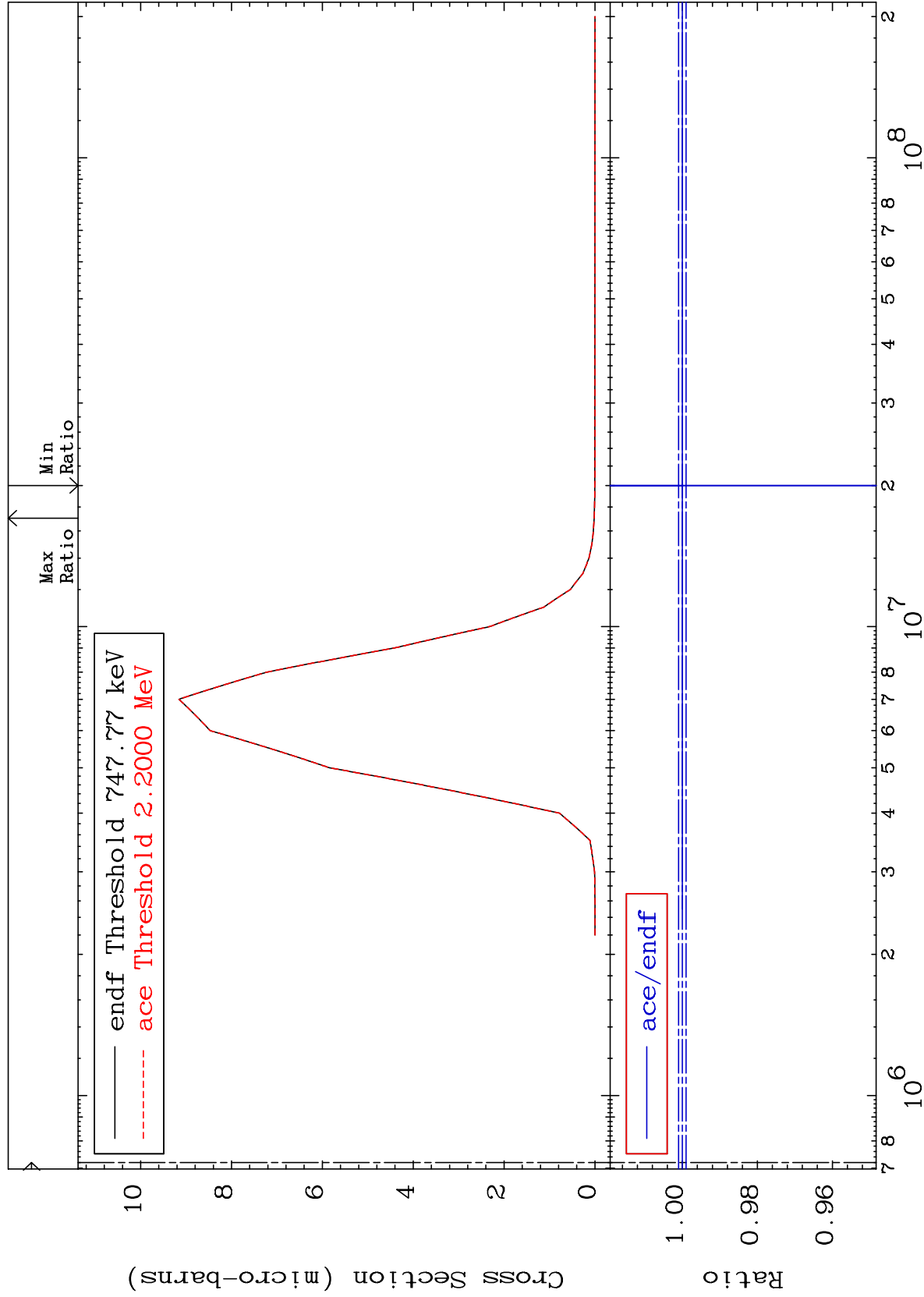
34

58-Ce-138

MAT 5831

479.3 keV (n,p') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



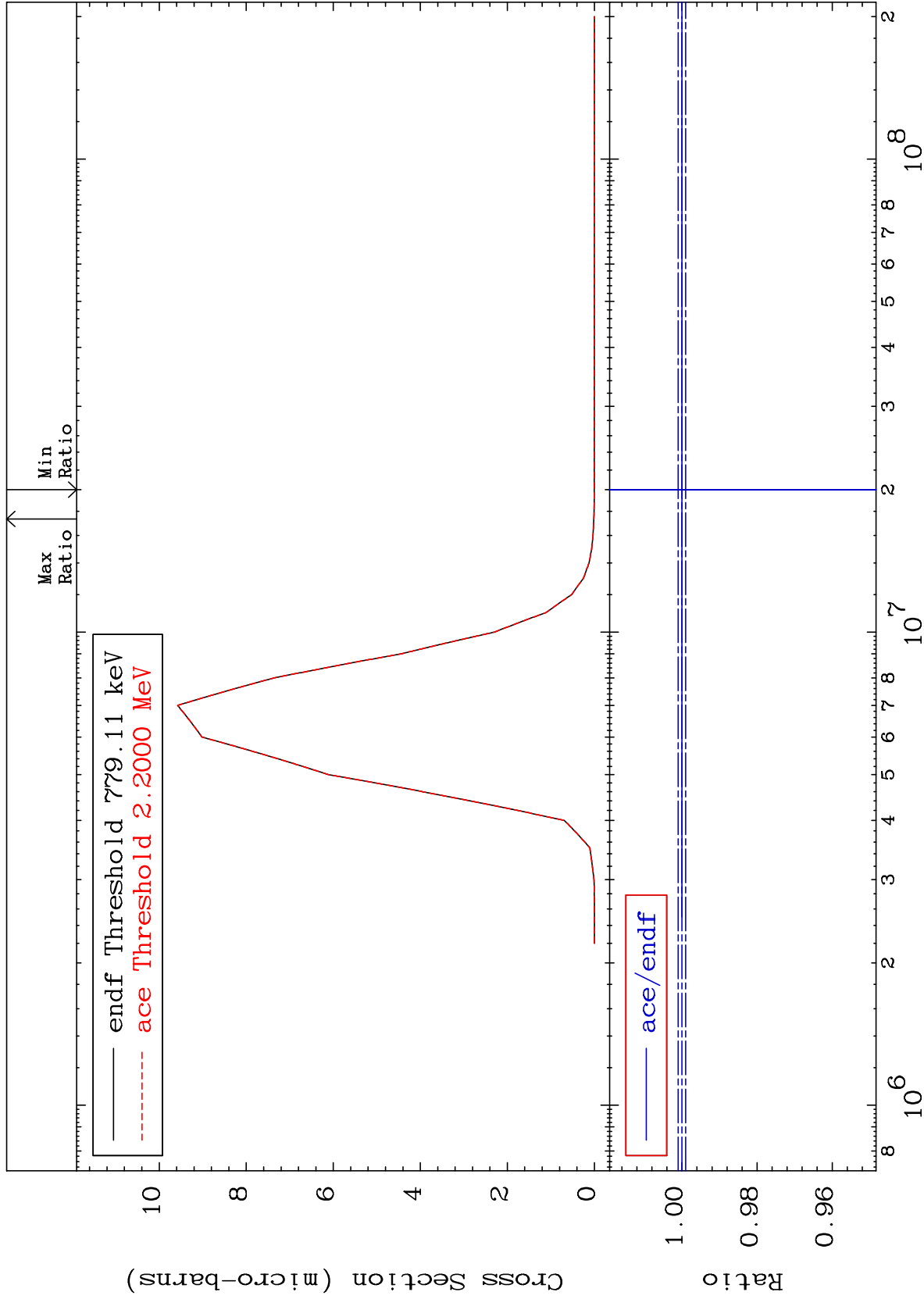
35

58-Ce-138

MAT 5831

510.4 keV (n,p') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



36

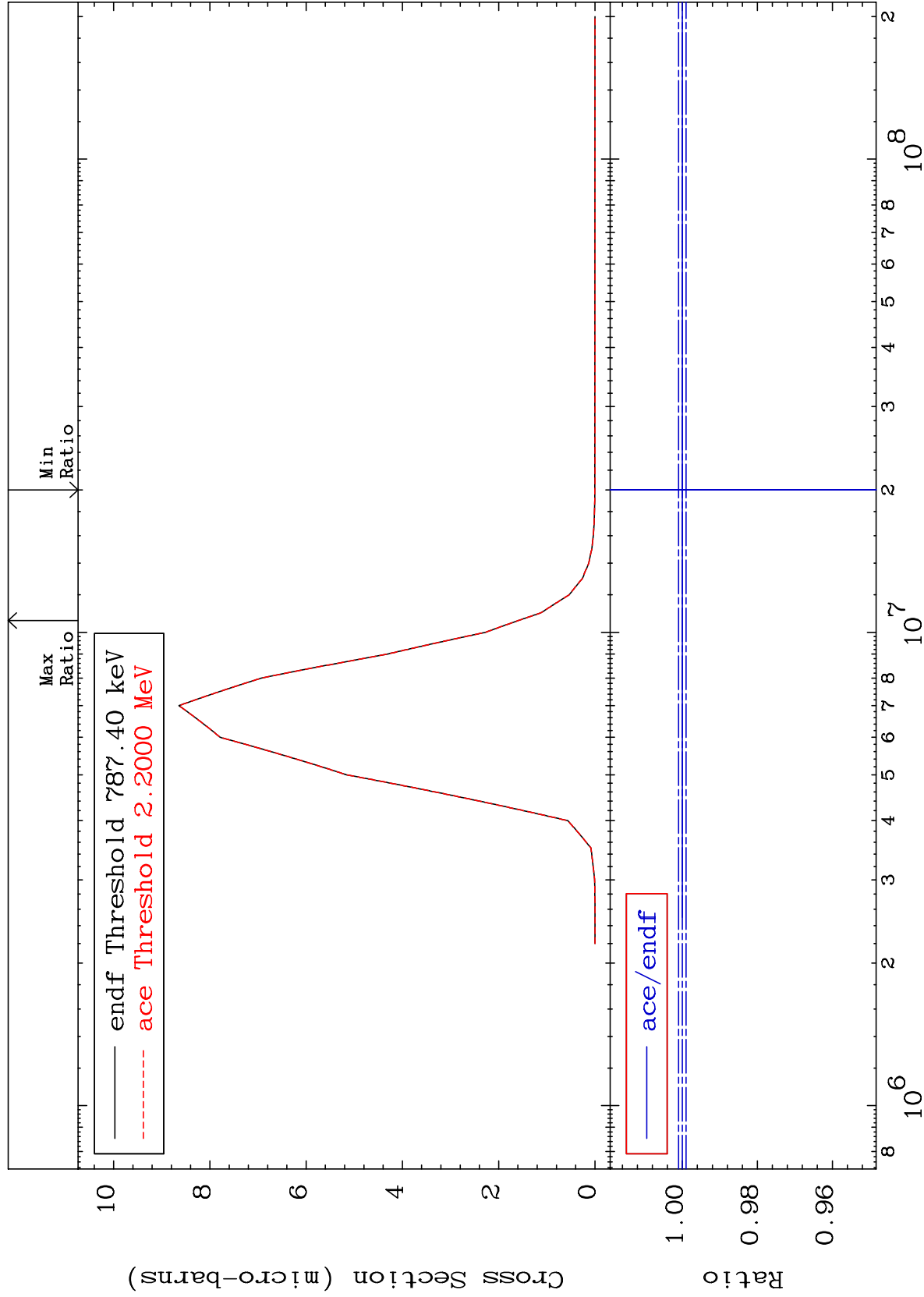
Incident Energy (eV)

58-Ce-138

MAT 5831

518.7 keV (n,p') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



37

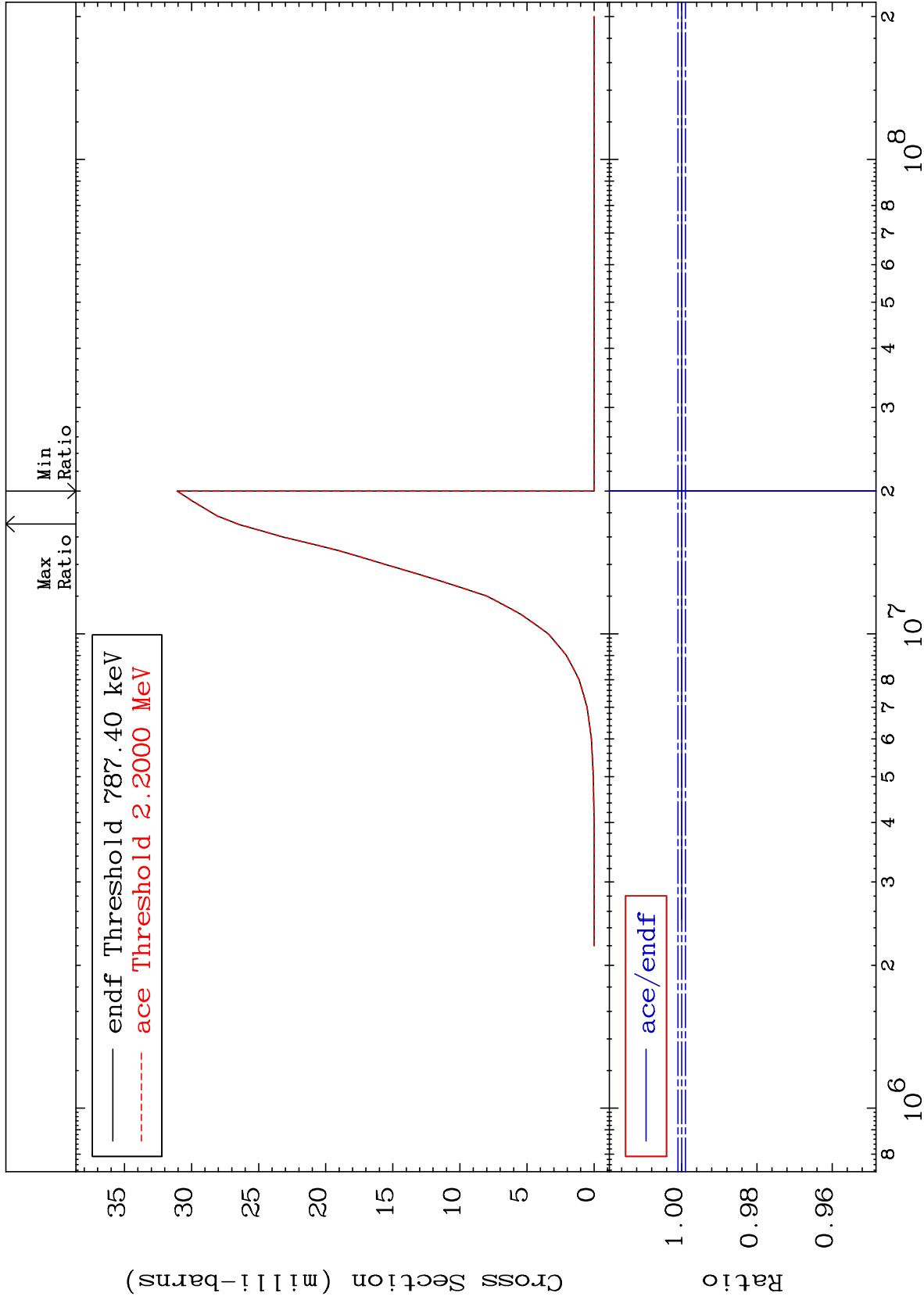
Incident Energy (eV)

58-Ce-138

MAT 5831

518.7 keV (n,p') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



38

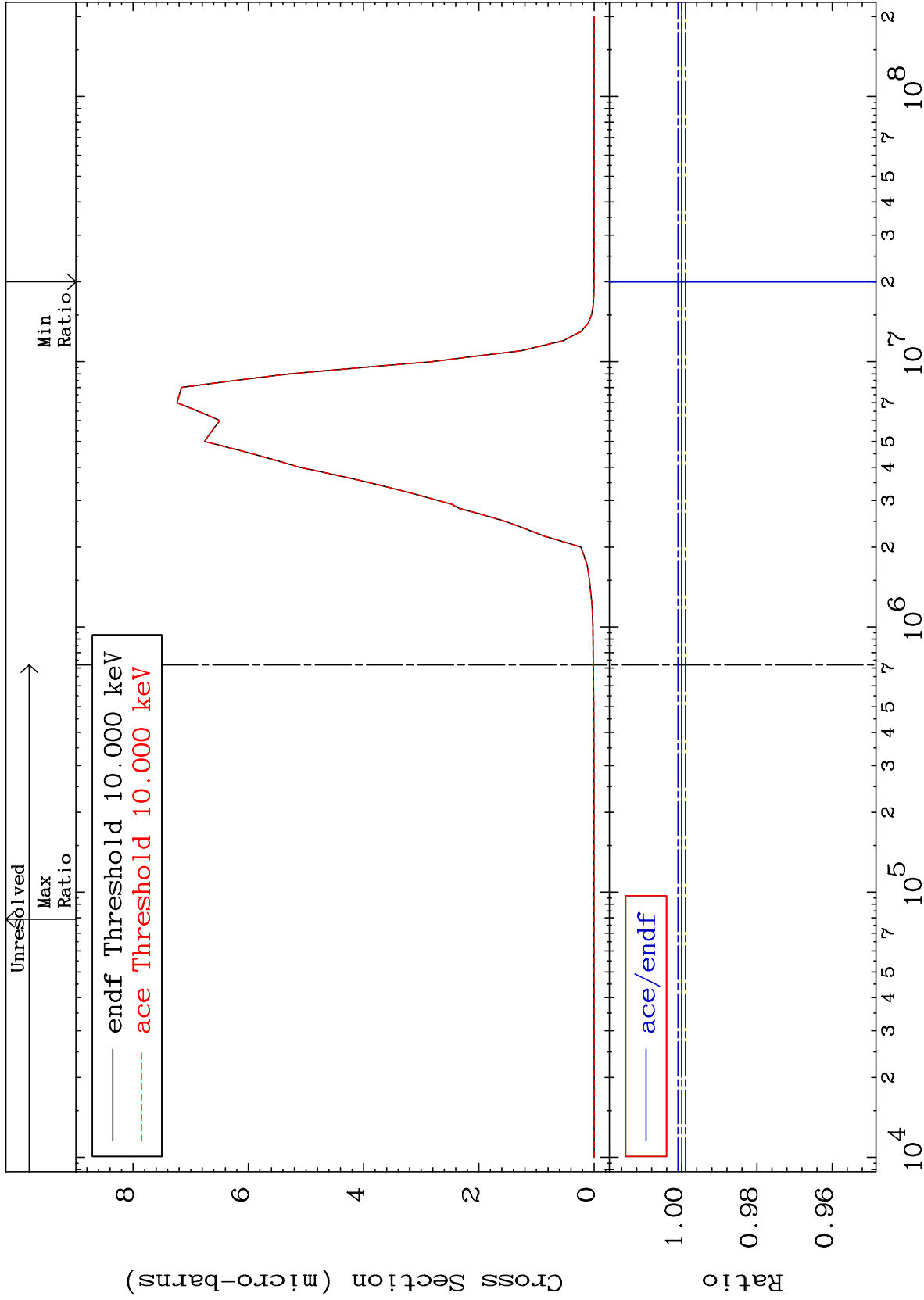
Incident Energy (eV)

58-Ce-138

MAT 5831

(n, α') Ground
Cross Section

58-Ce-138
-100.0 To 0.000 %



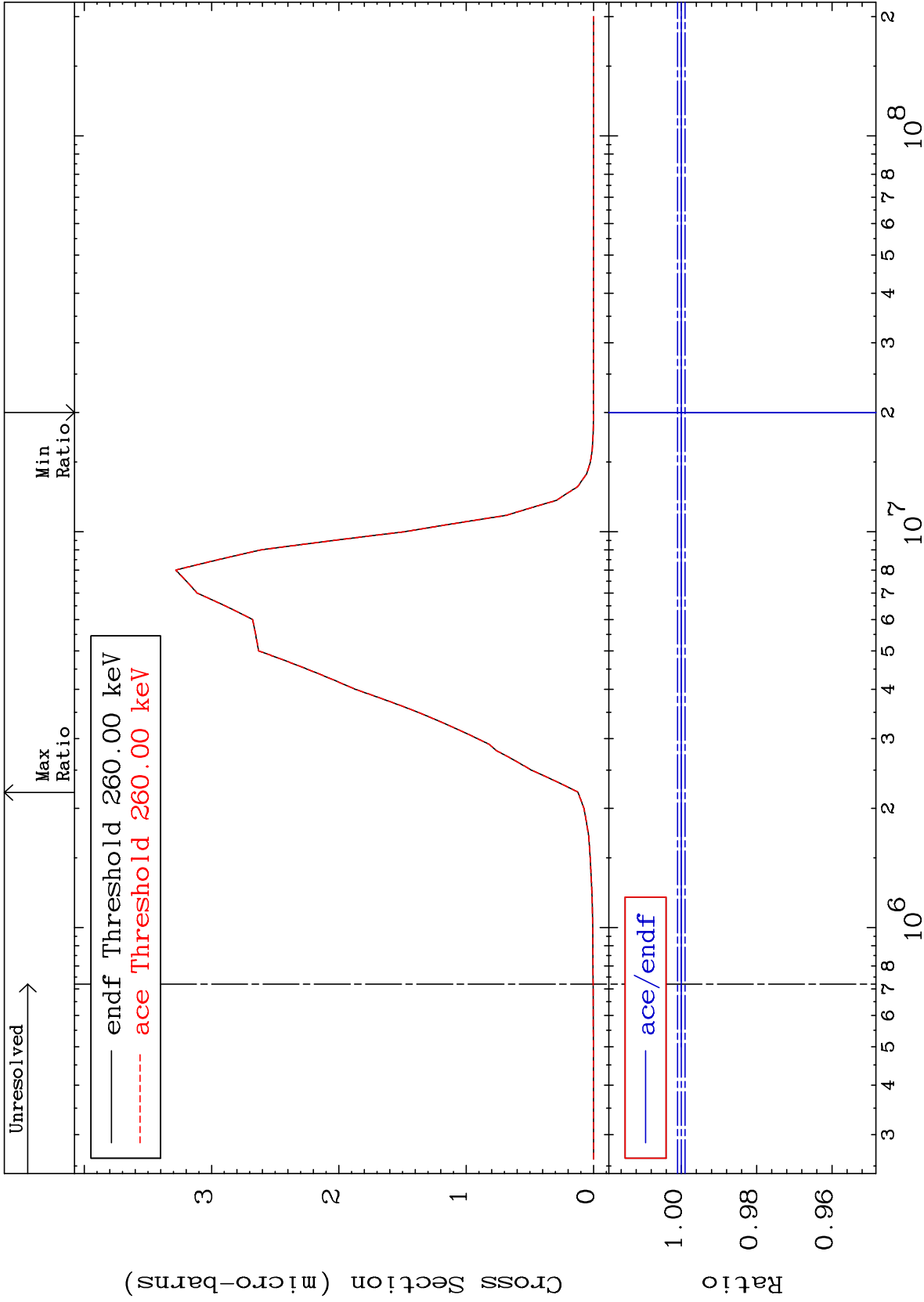
39

58-Ce-138

MAT 5831

221.0 keV (n,α') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



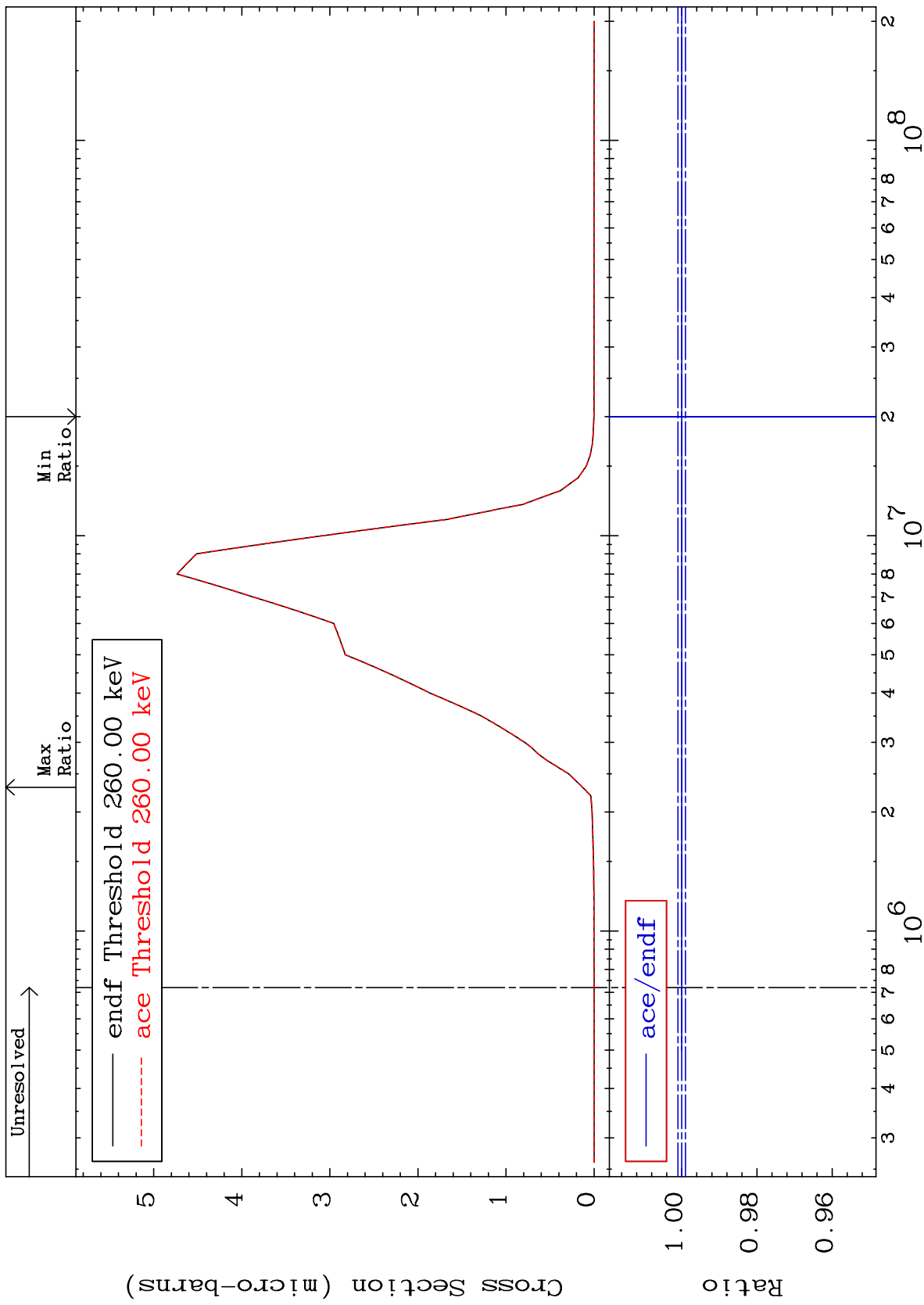
40

58-Ce-138

MAT 5831

268.2 keV (n, α') Level
Cross Section

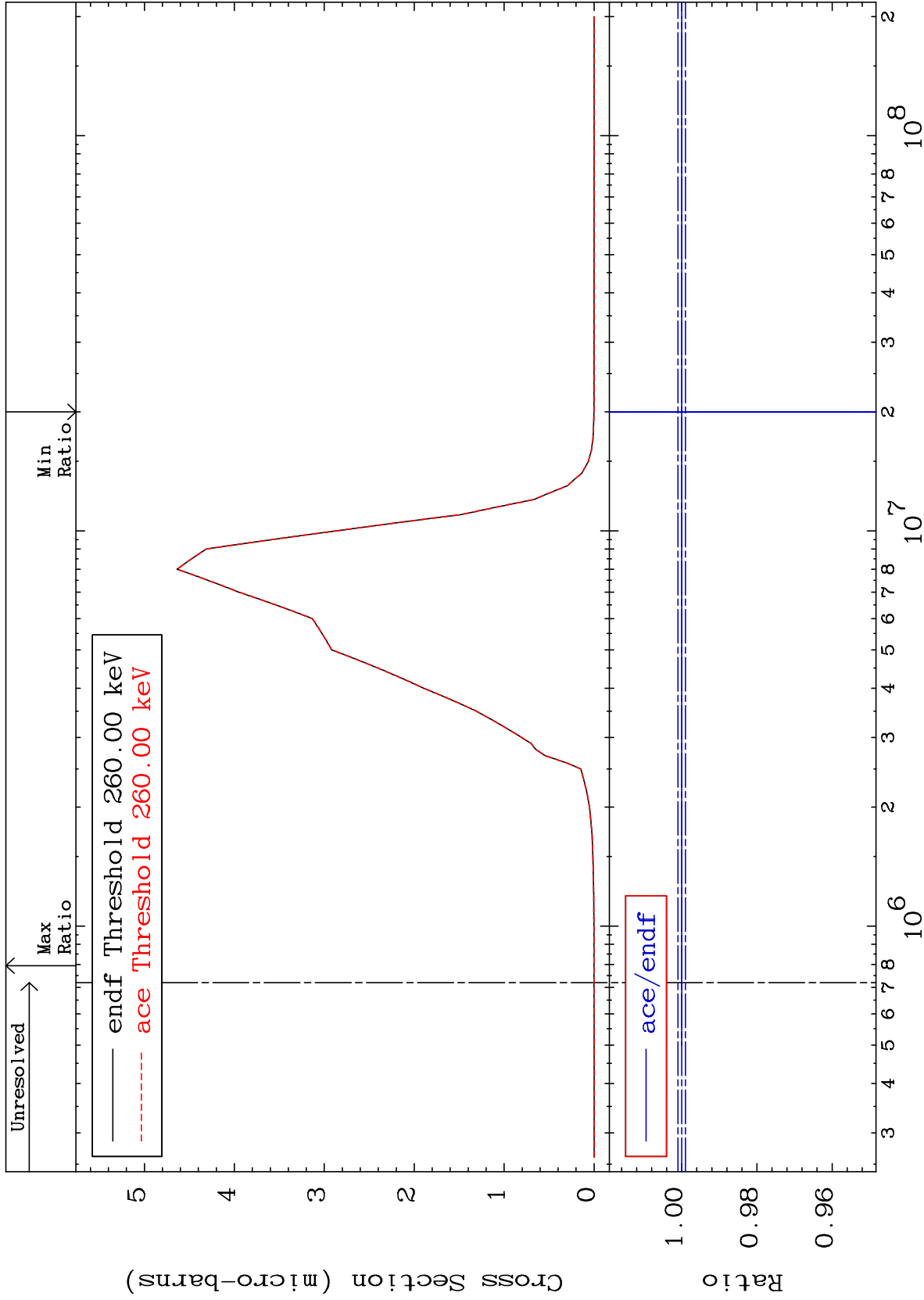
58-Ce-138
-100.0 To 0.000 %



MAT 5831

480.5 keV (n, α') Level
Cross Section

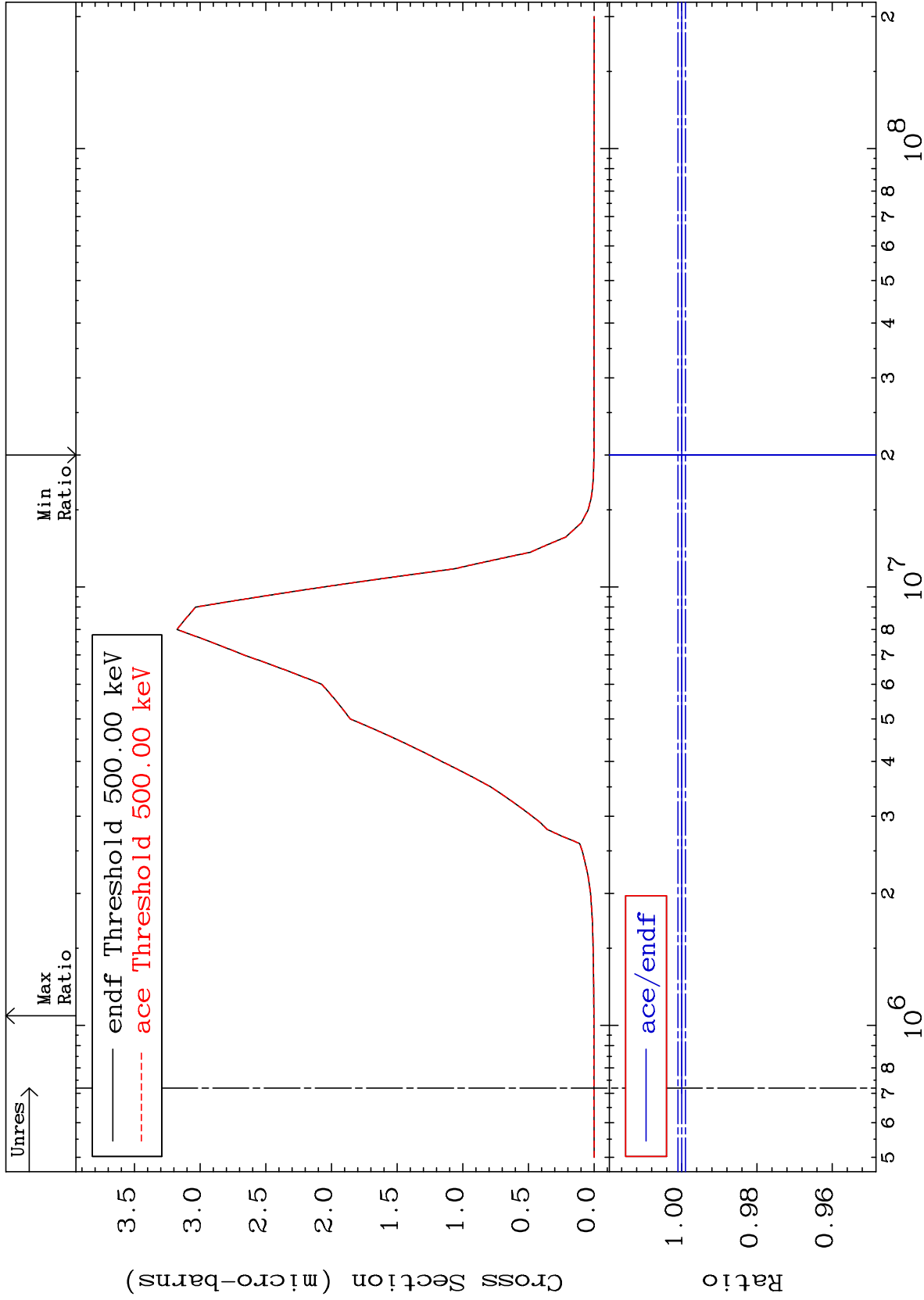
58-Ce-138
-100.0 To 0.000 %



MAT 5831

587.8 keV (n, α') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



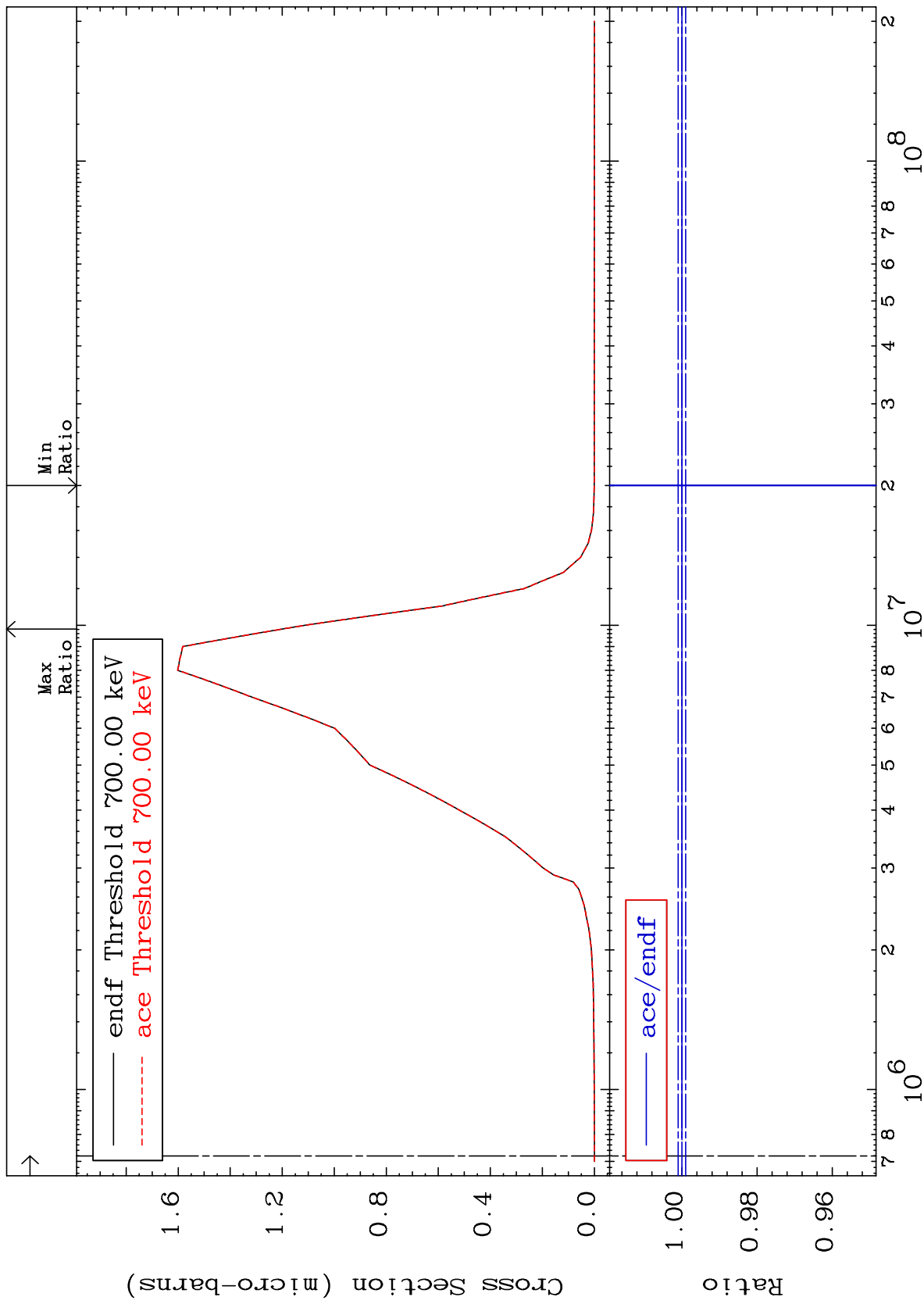
43

58-Ce-138

MAT 5831

717.0 keV (n,α') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



44

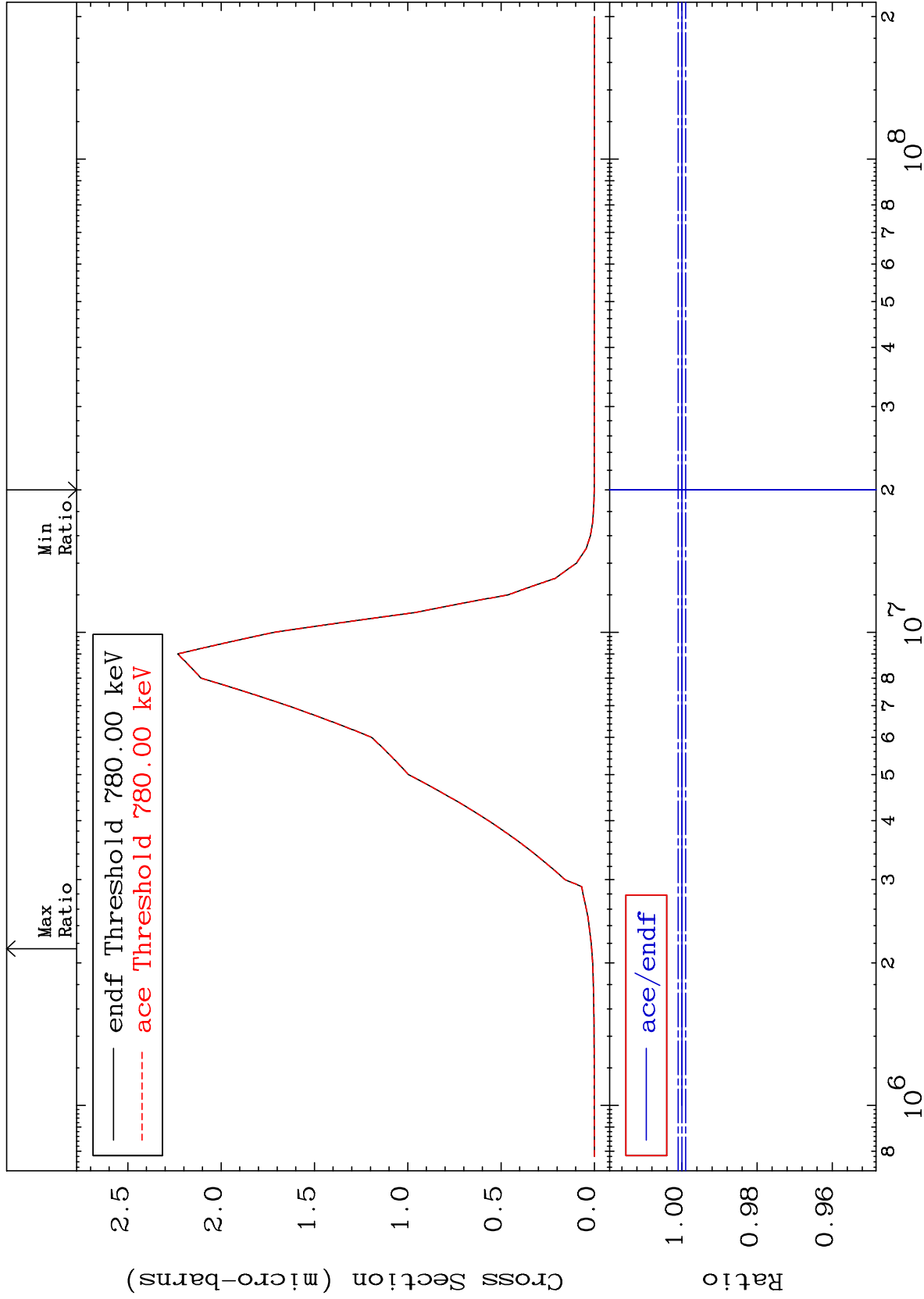
Incident Energy (eV)

58-Ce-138

MAT 5831

855.0 keV (n, α') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



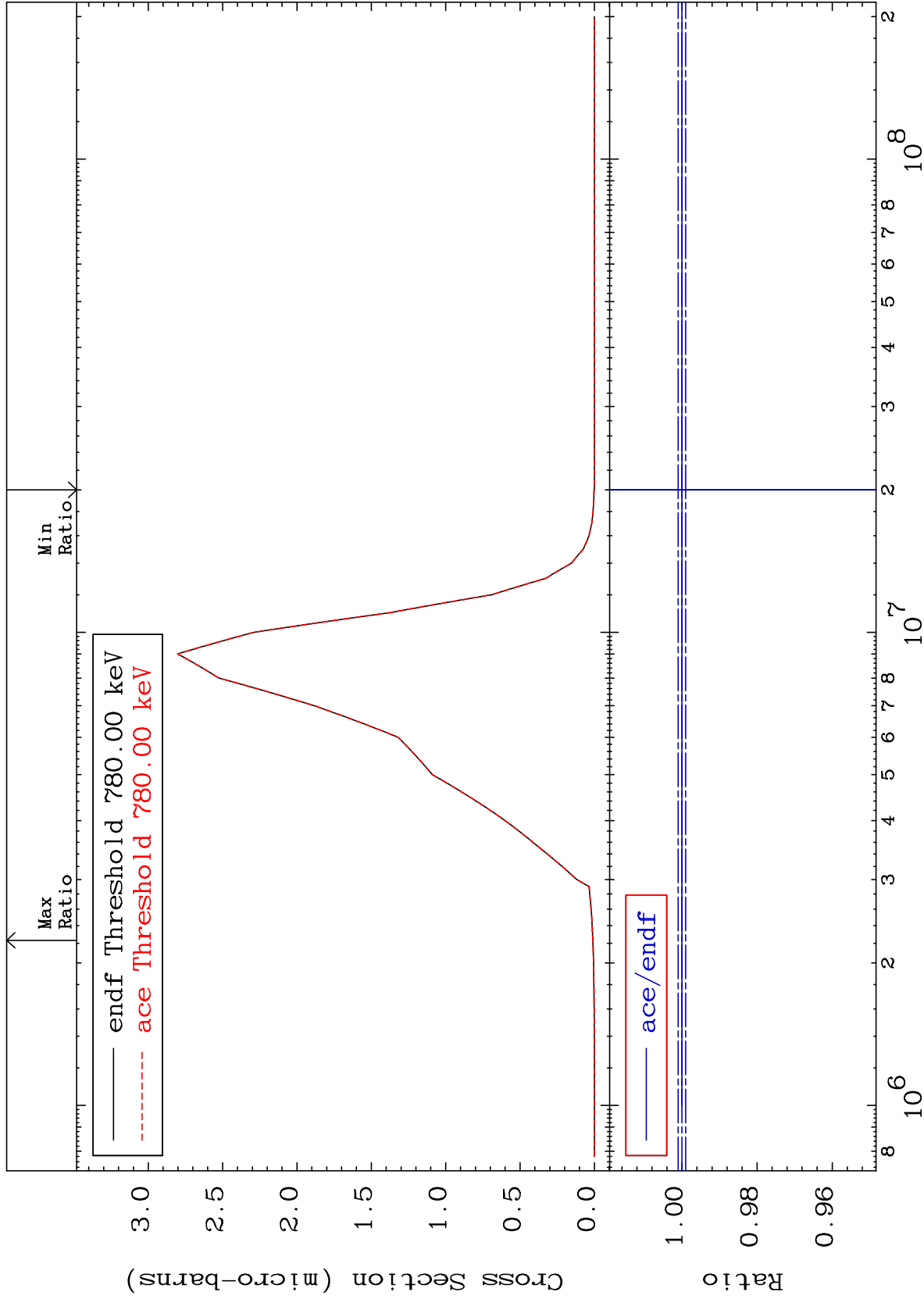
45

58-Ce-138

MAT 5831

874.5 keV (n, α') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



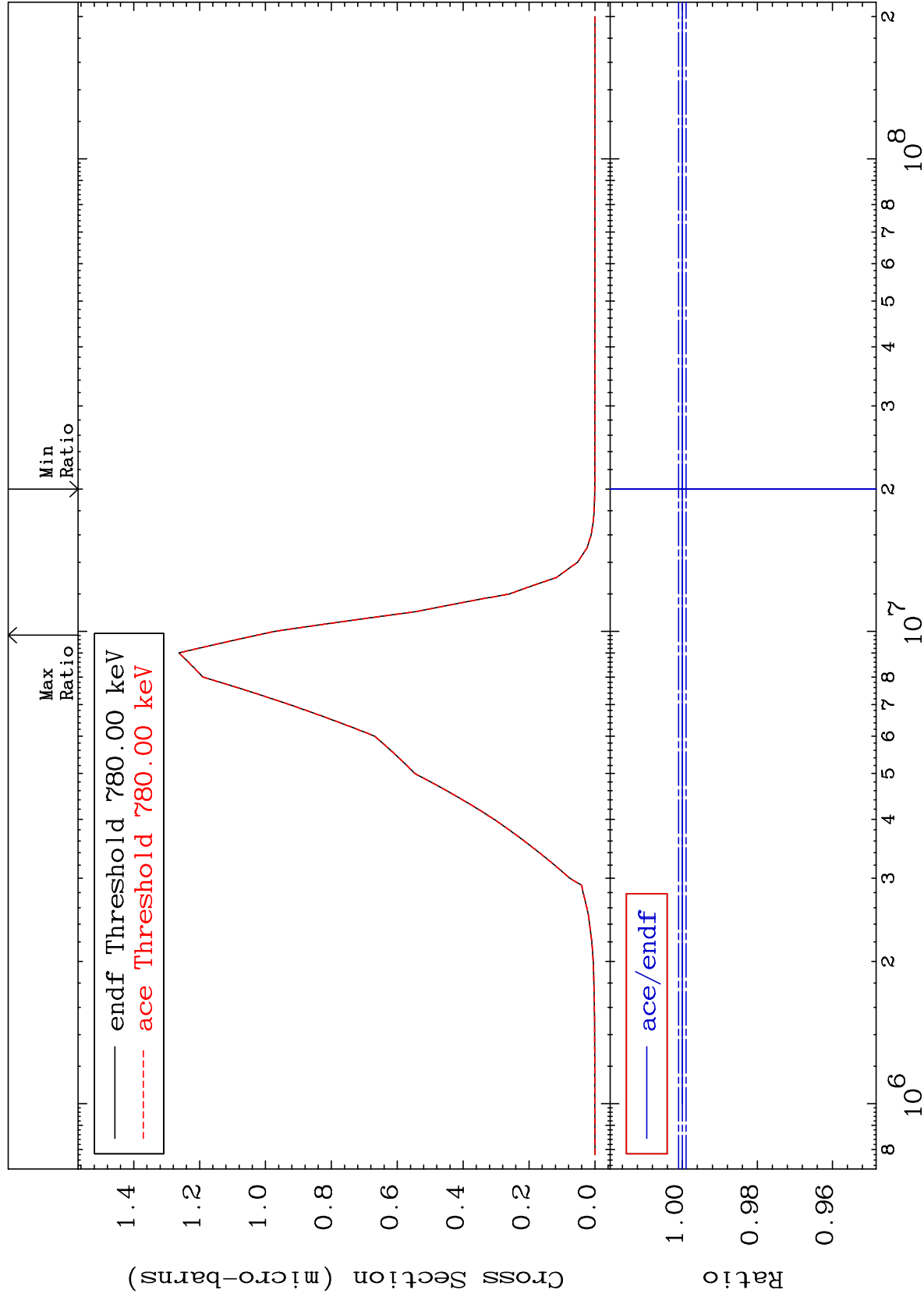
46

58-Ce-138

MAT 5831

910.4 keV (n, α') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



47

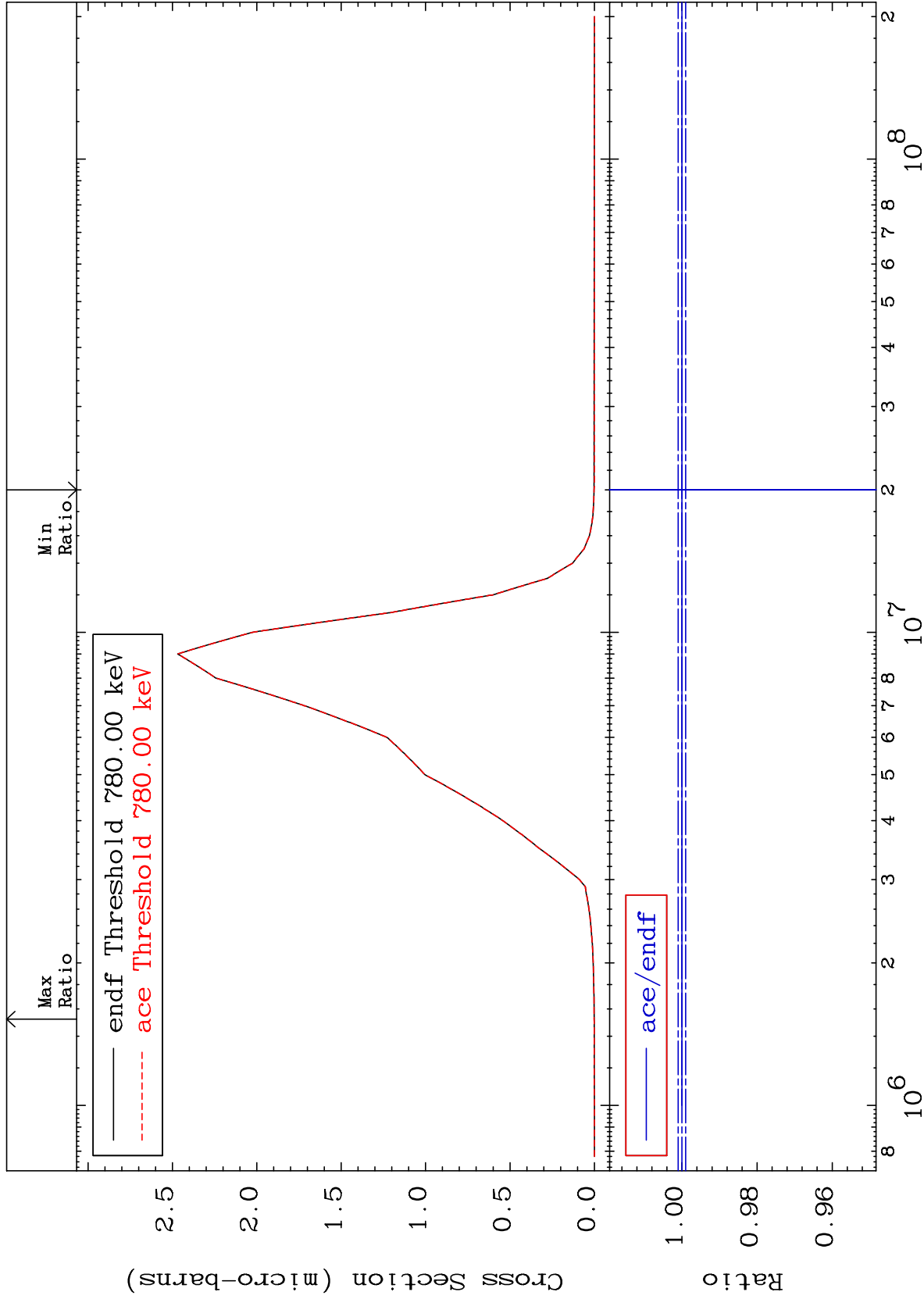
Incident Energy (eV)

58-Ce-138

MAT 5831

932.2 keV (n, α') Level
Cross Section

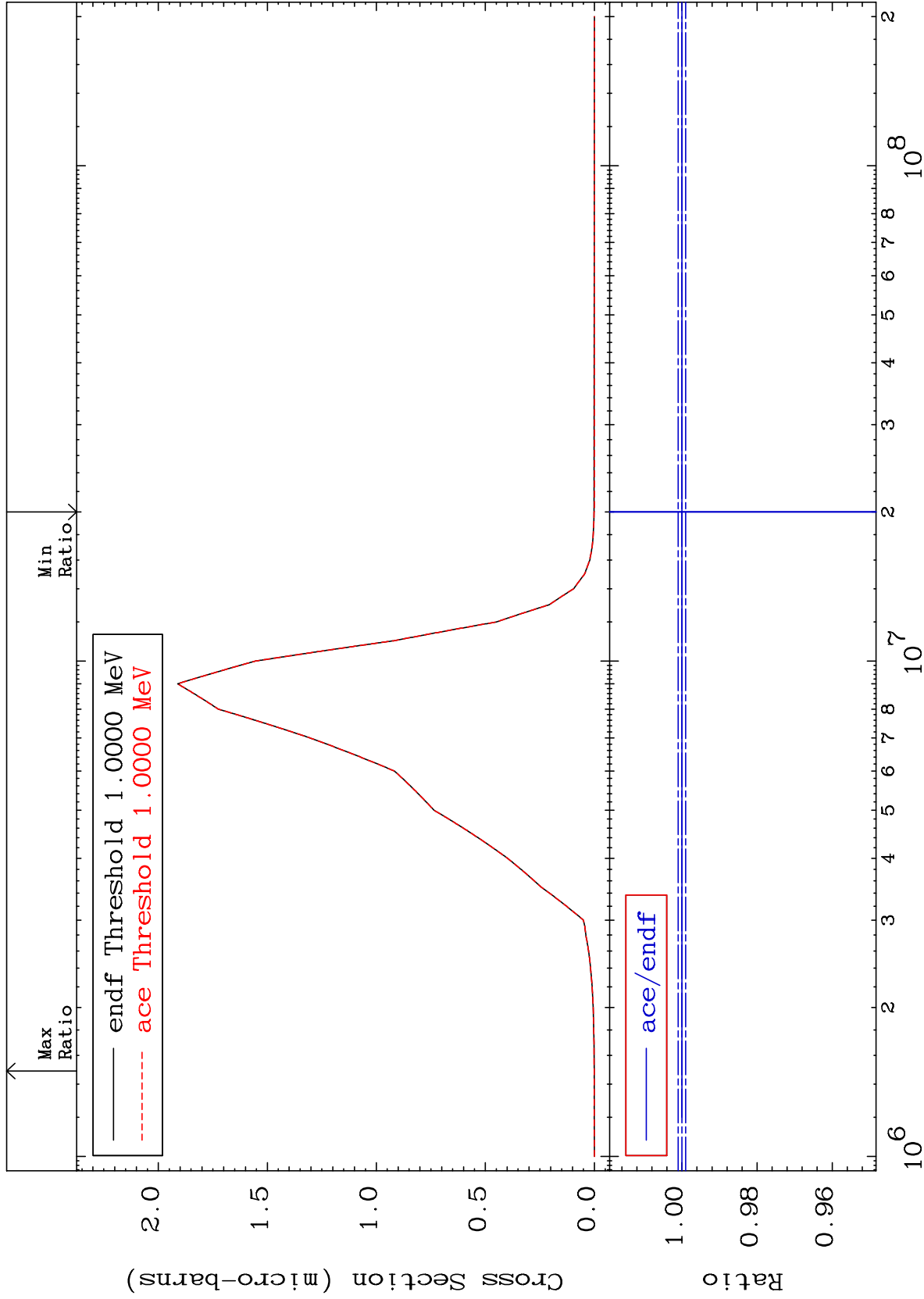
58-Ce-138
-100.0 To 0.000 %



48

58-Ce-138

MAT 5831 980.0 keV (n,α') Level 58-Ce-138
Cross Section -100.0 To 0.000 %

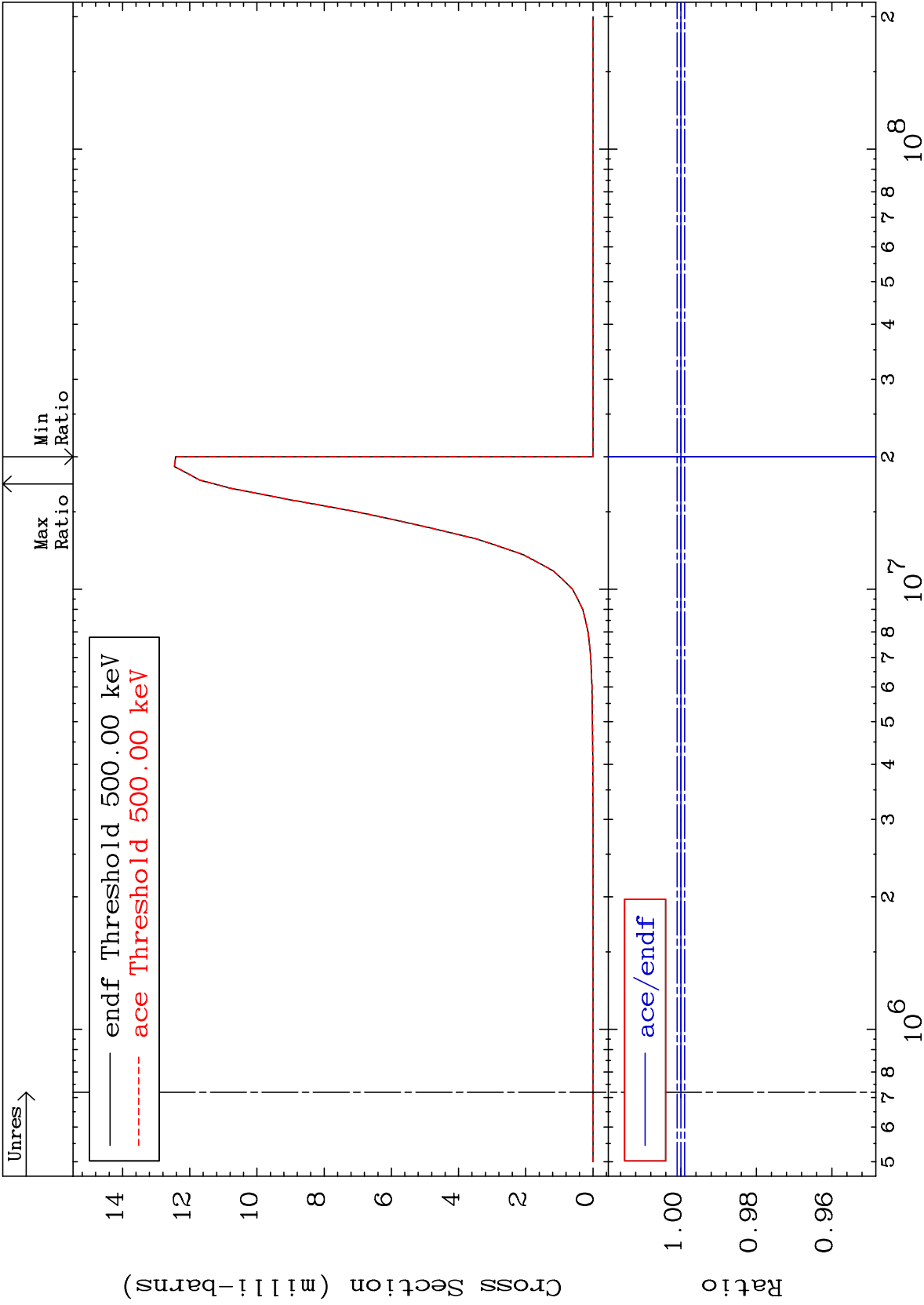


49 58-Ce-138

MAT 5831

980.0 keV (n,α') Level
Cross Section

58-Ce-138
-100.0 To 0.000 %



50

Incident Energy (eV)

58-Ce-138