

Program Complot
(Version 2015-2)

by

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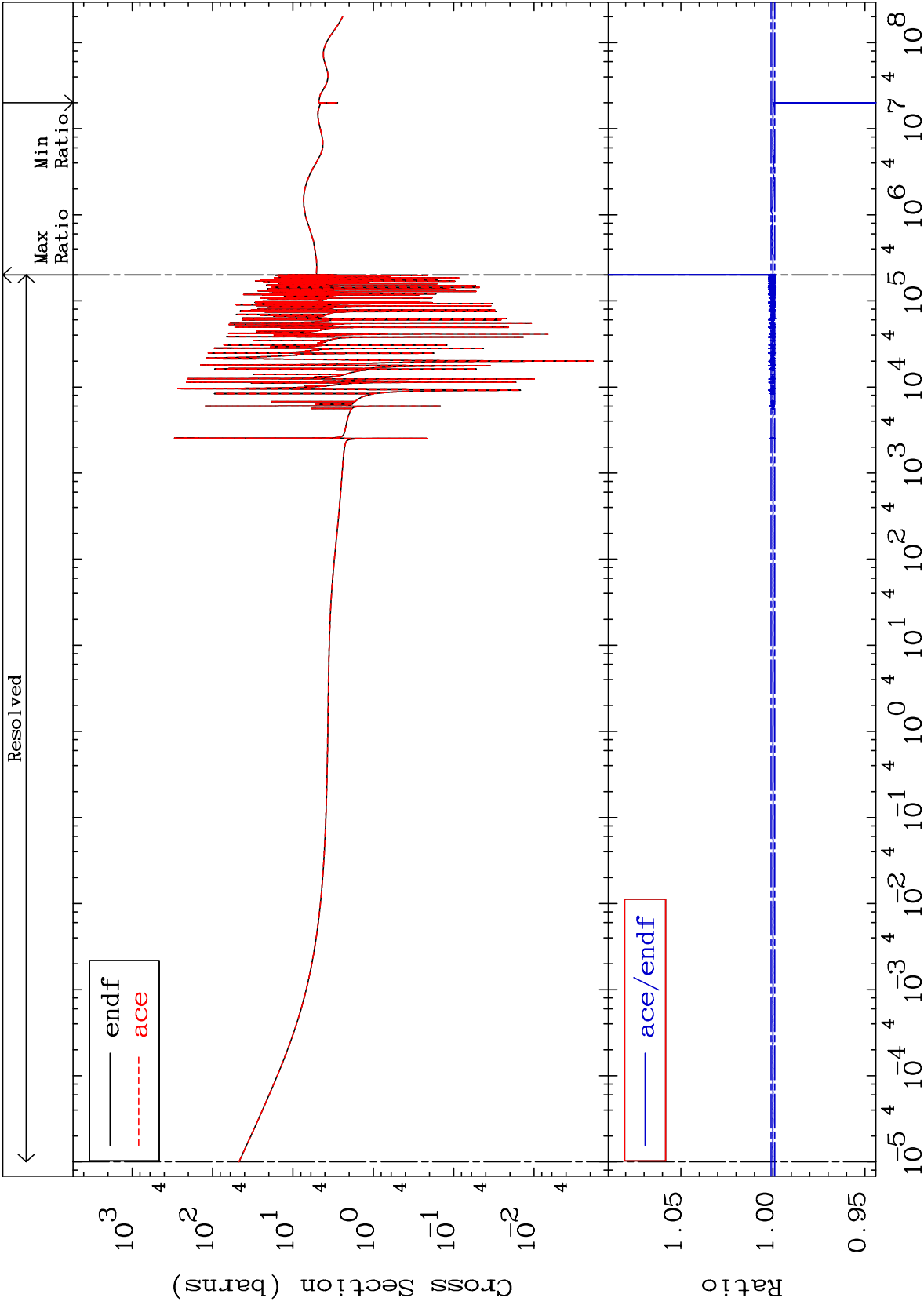
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5837

Total
Cross Section

58-Ce-140
-38.24 To 26.79 %



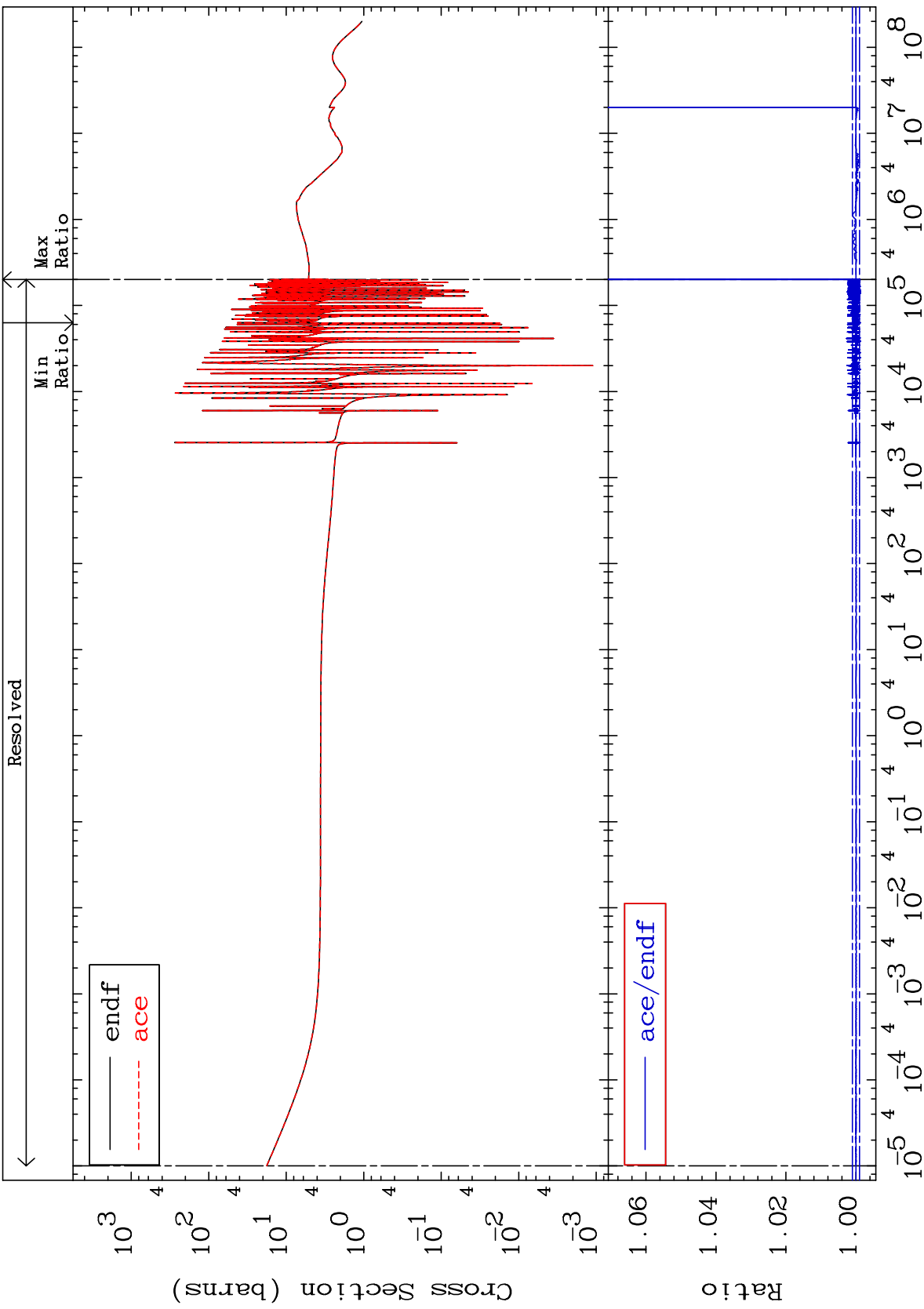
Incident Energy (eV)

58-Ce-140

MAT 5837

Elastic Cross Section

58-Ce-140
-0.131 To 26.80 %



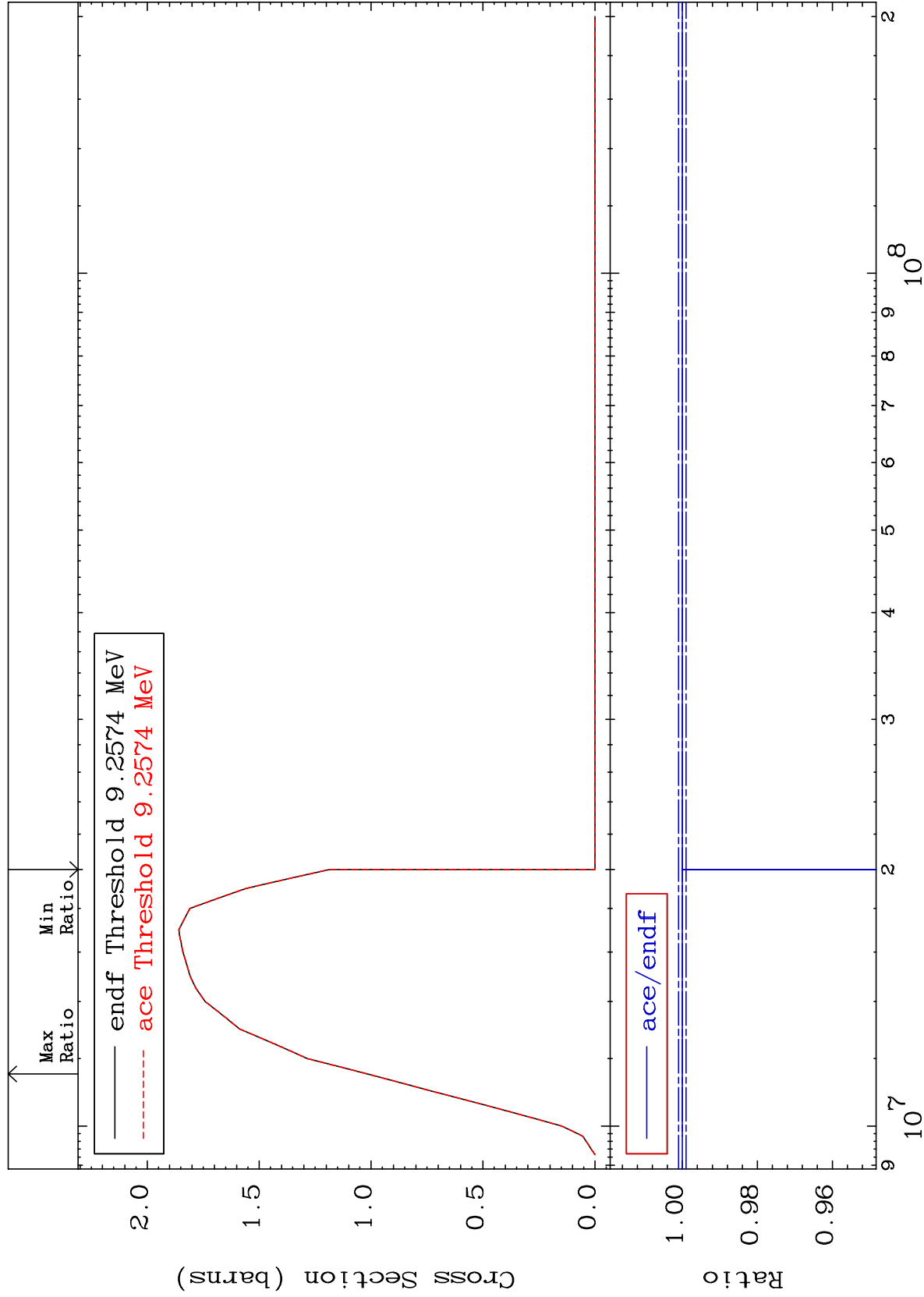
MAT 5837

(n,2n)

58-Ce-140

Cross Section

-100.0 To 0.000 %

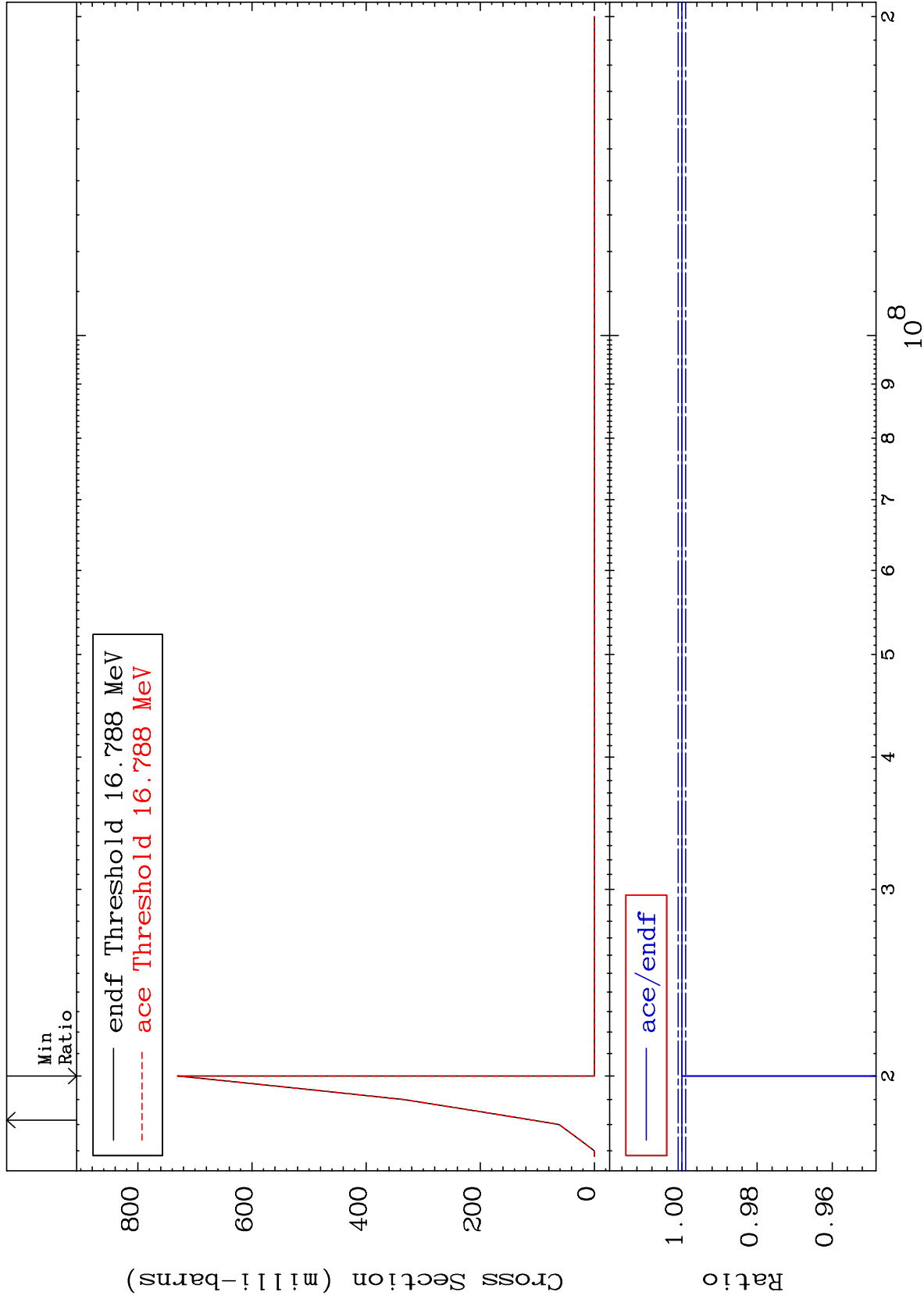


58-Ce-140

MAT 5837

(n, 3n)
Cross Section

58-Ce-140
-100.0 To 0.000 %



4

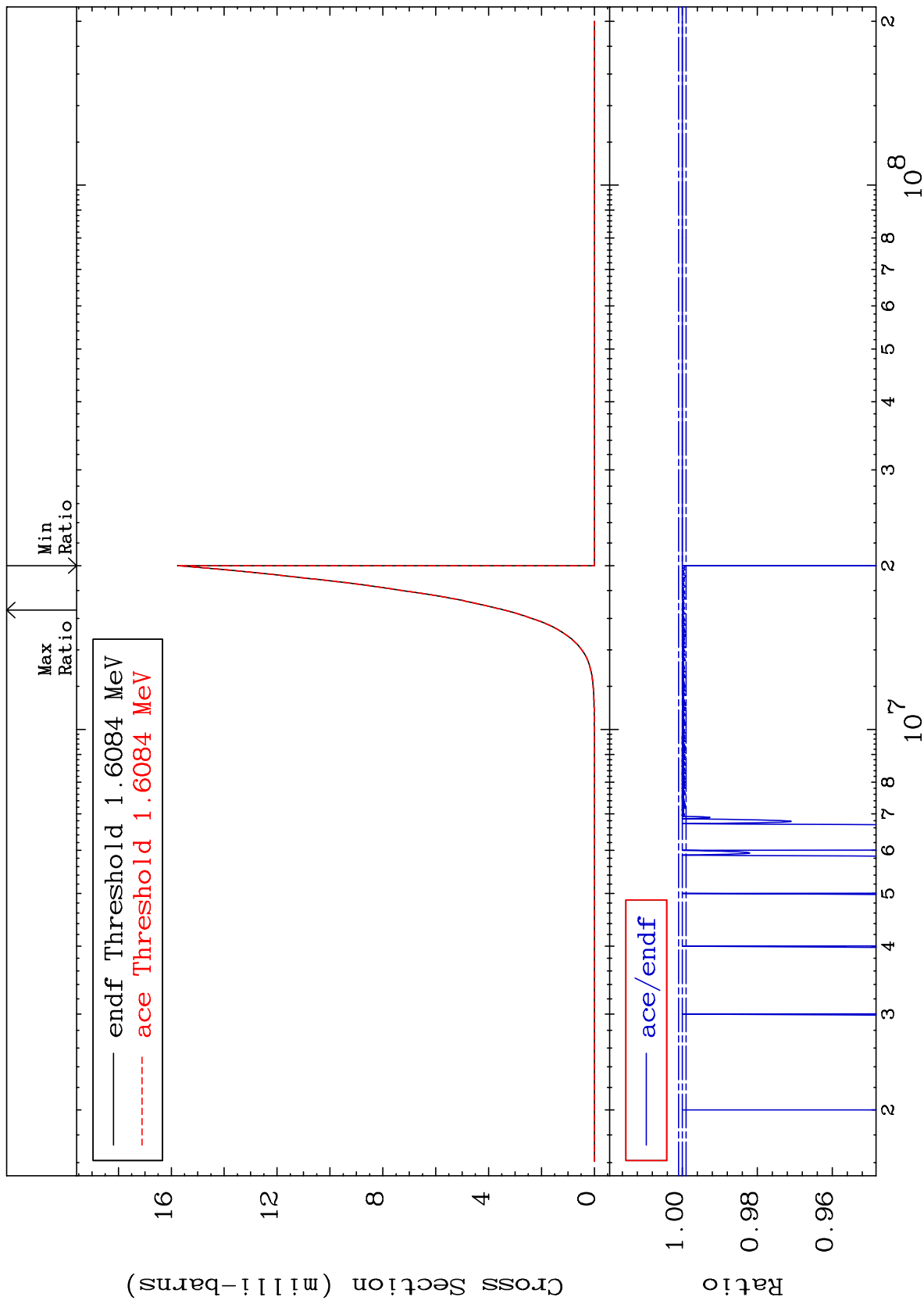
Incident Energy (eV)

58-Ce-140

MAT 5837

(n, n') α
Cross Section

58-Ce-140
-100.0 To 0.011 %



5

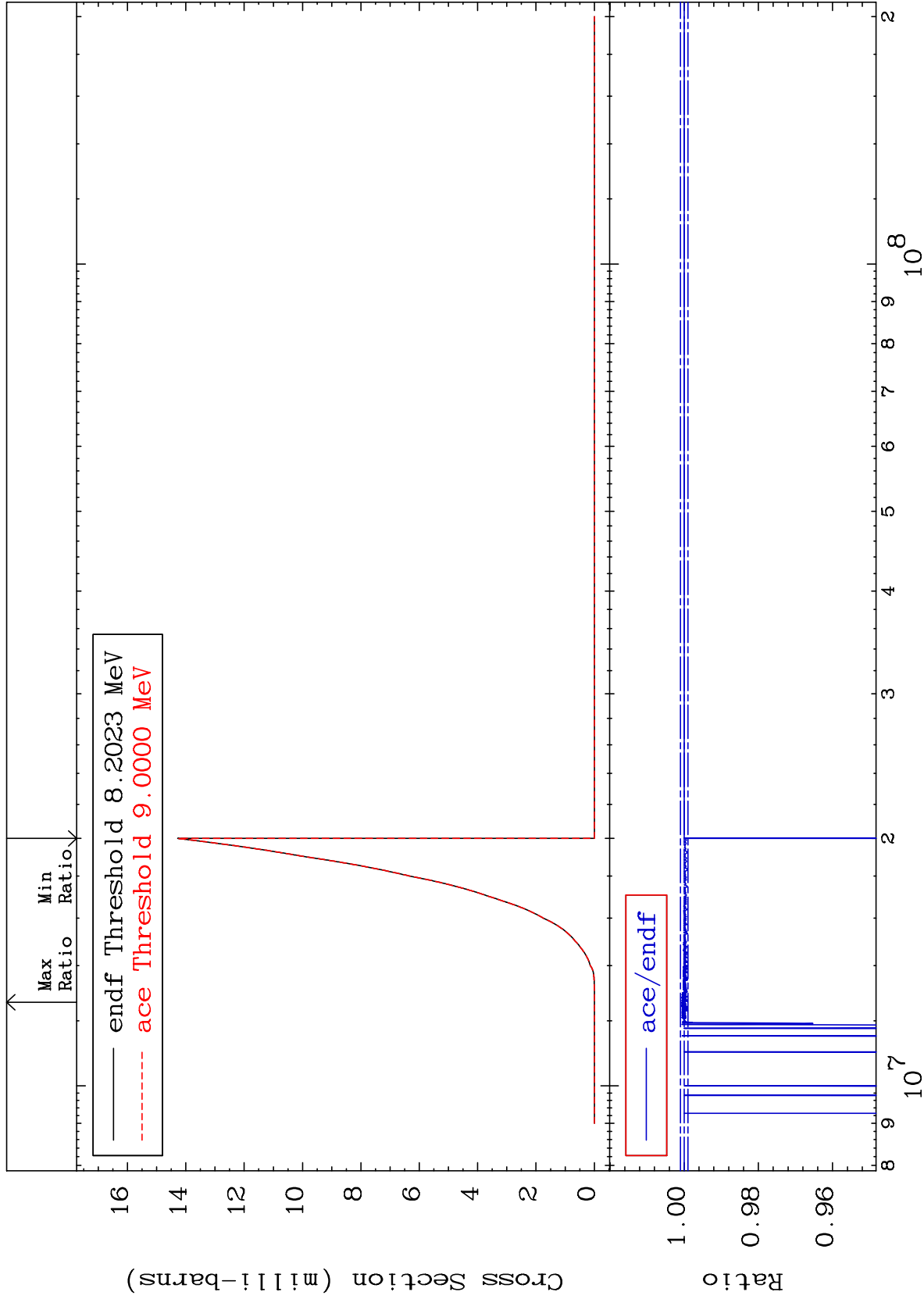
Incident Energy (eV)

58-Ce-140

MAT 5837

(n, n') p
Cross Section

58-Ce-140
-100.0 To 0.059 %

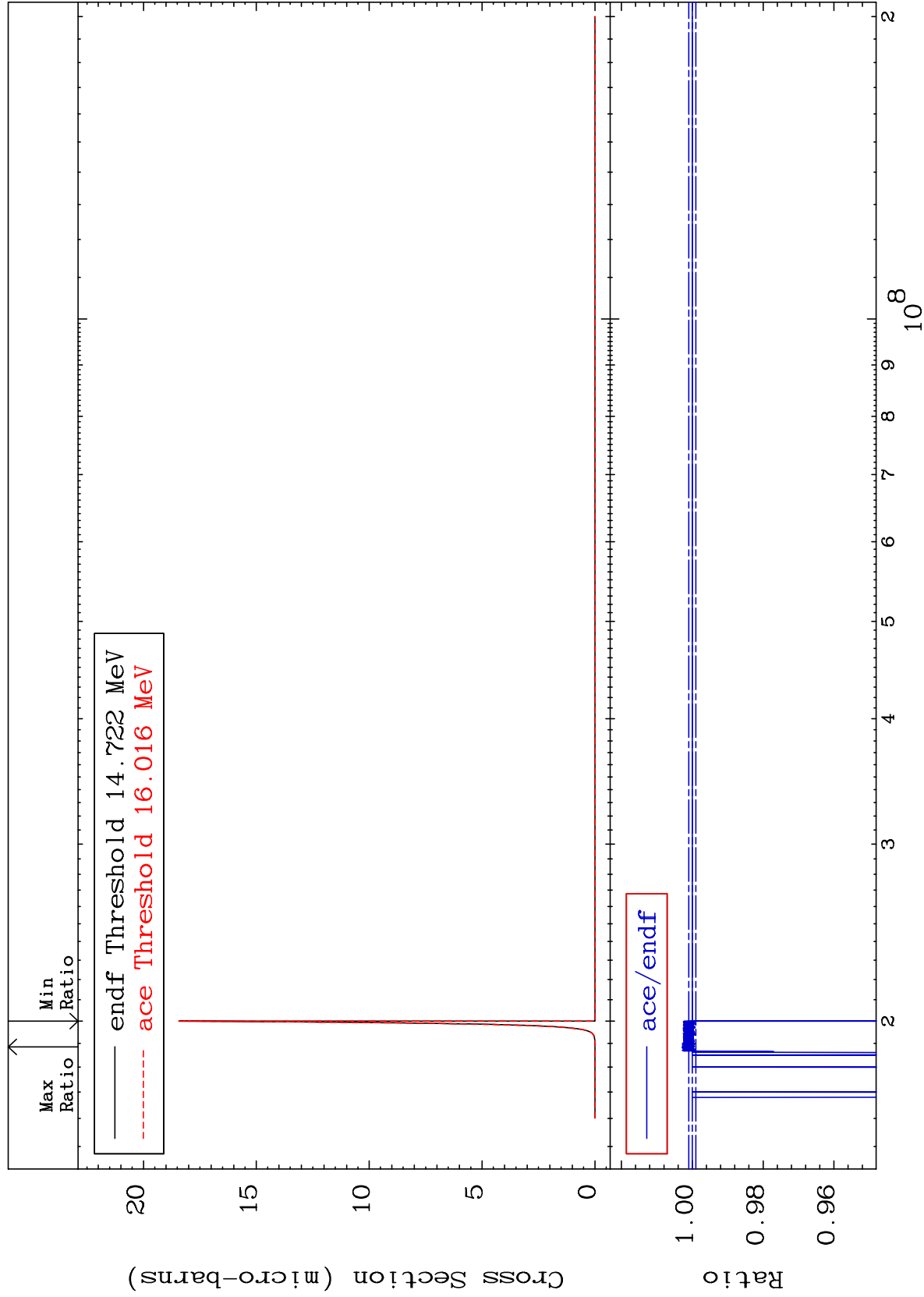


58-Ce-140

MAT 5837

(n, n') d
Cross Section

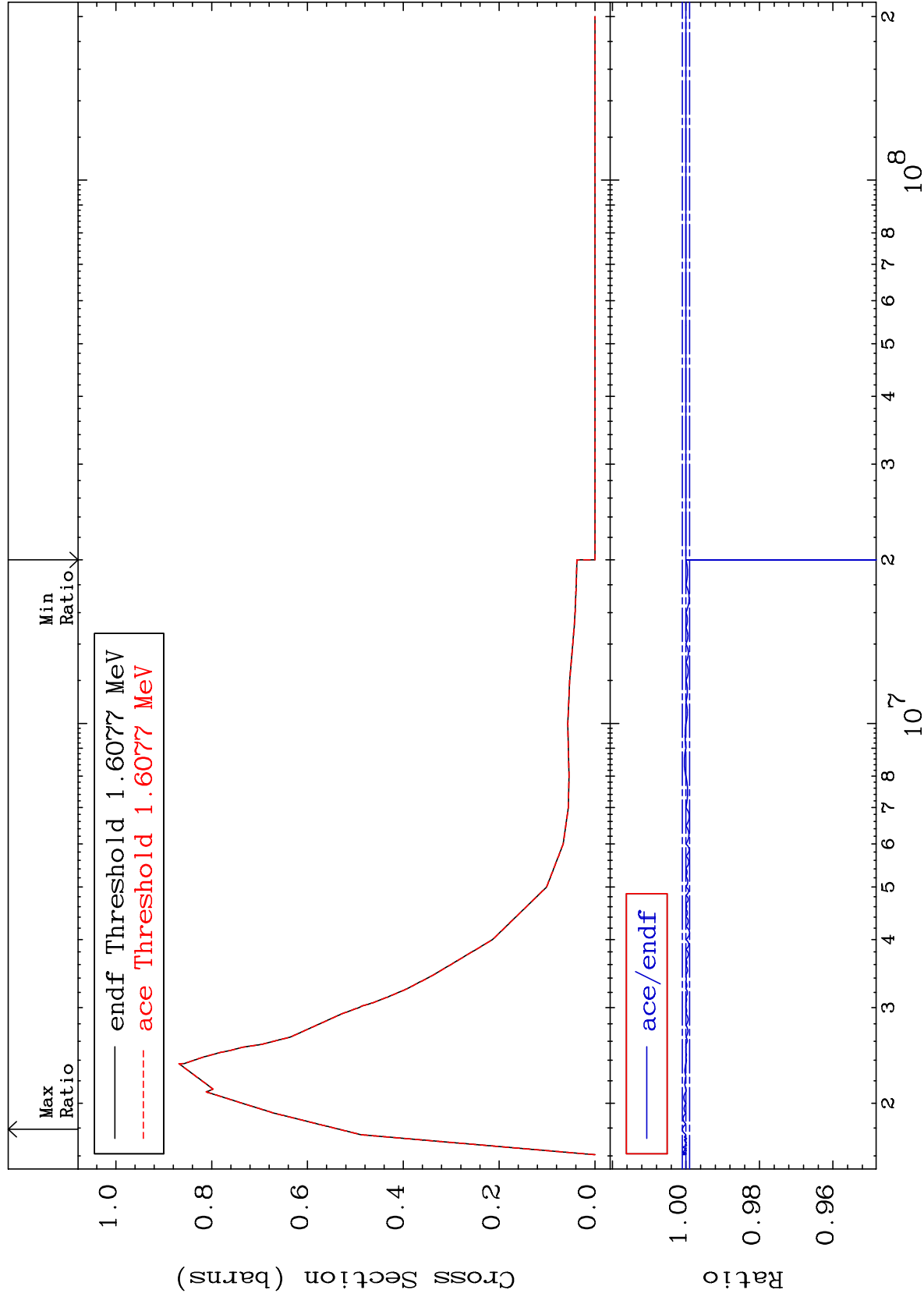
58-Ce-140
-100.0 To 0.280 %



MAT 5837

1.596 MeV (n,n') Level
Cross Section

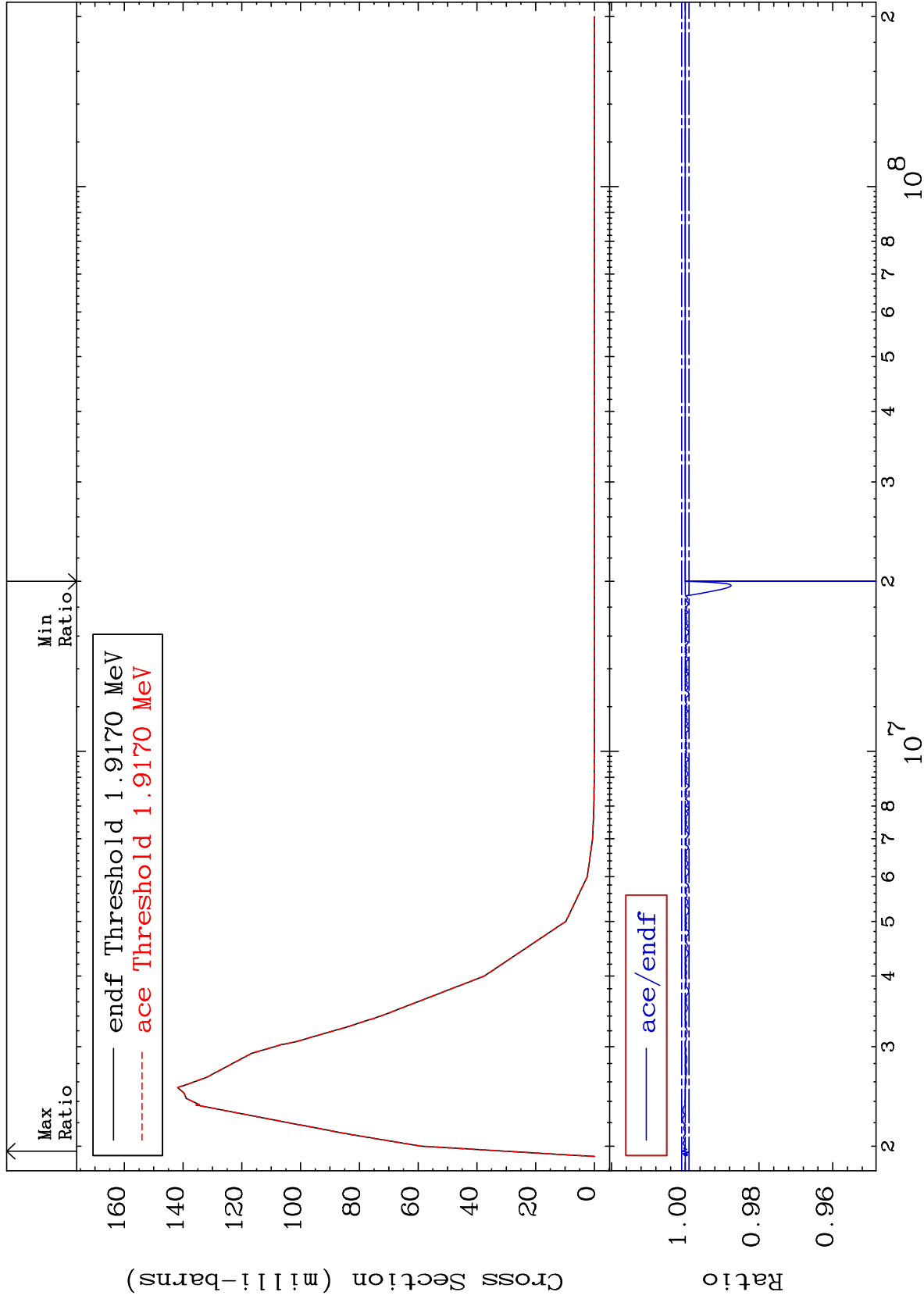
58-Ce-140
-100.0 To 0.097 %



MAT 5837

1.903 MeV (n,n') Level
Cross Section

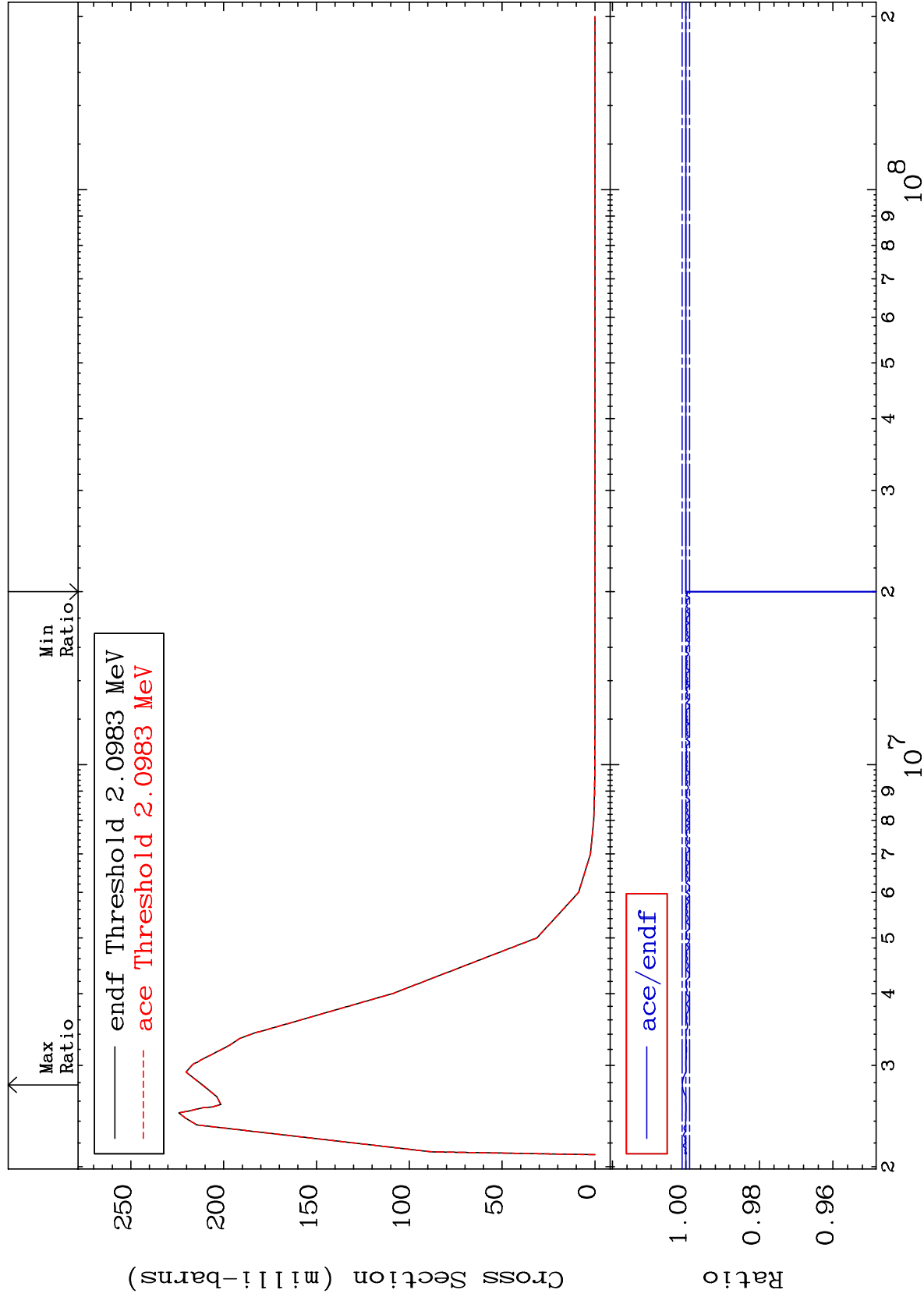
58-Ce-140
-100.0 To 0.091 %



MAT 5837

2.083 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.096 %



10

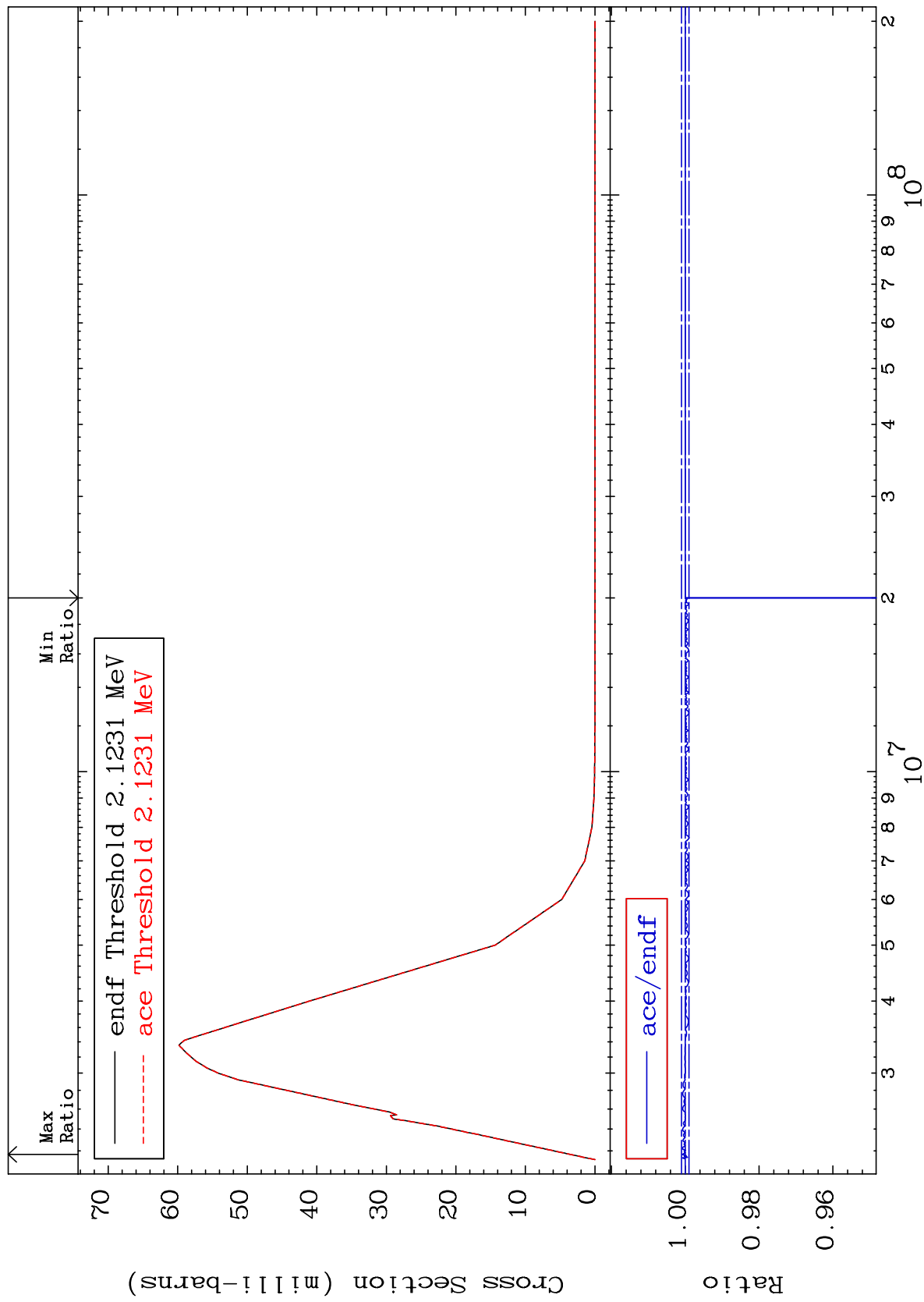
Incident Energy (eV)

58-Ce-140

MAT 5837

2.108 MeV (n,n') Level
Cross Section

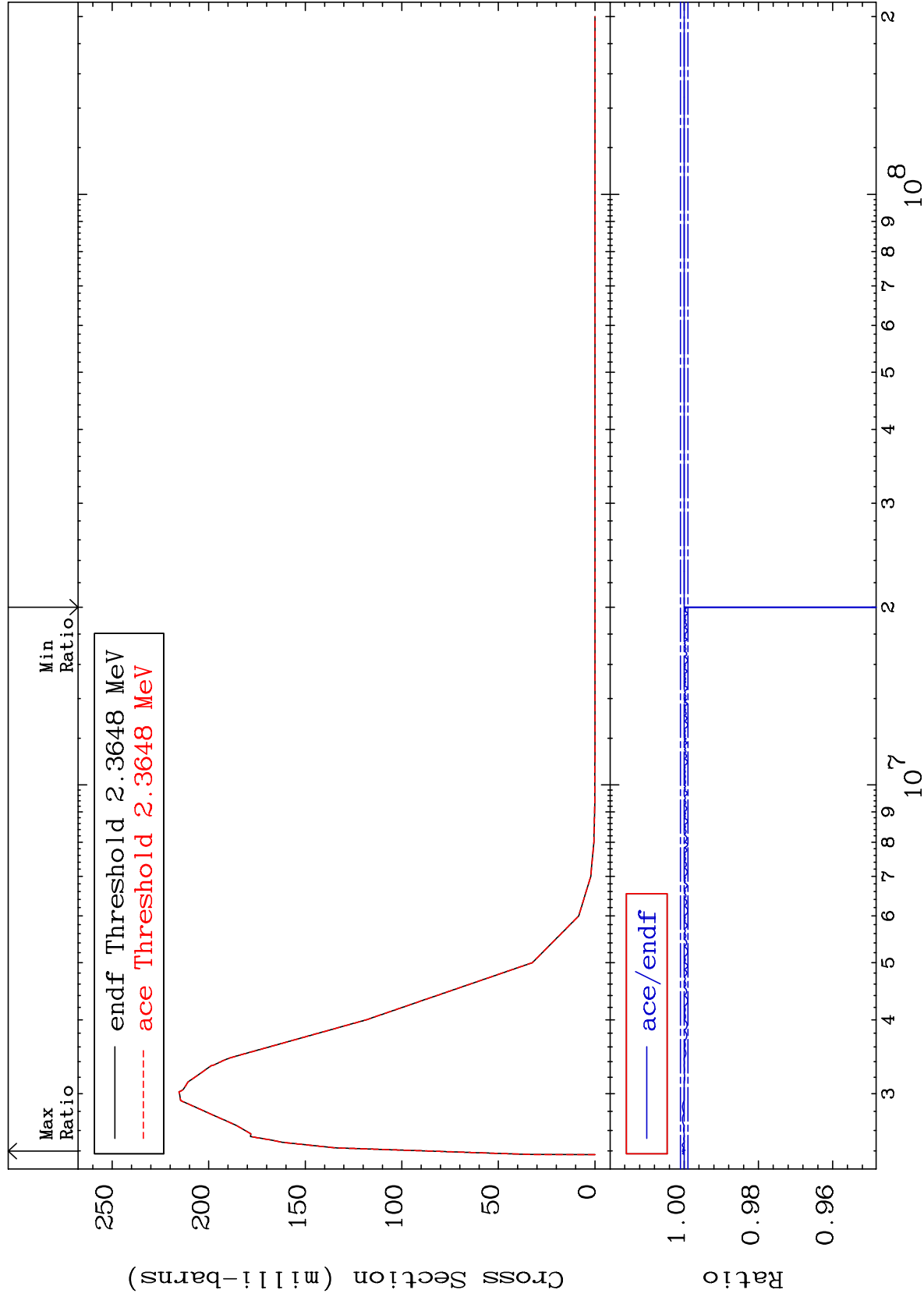
58-Ce-140
-100.0 To 0.077 %



MAT 5837

2.348 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.049 %



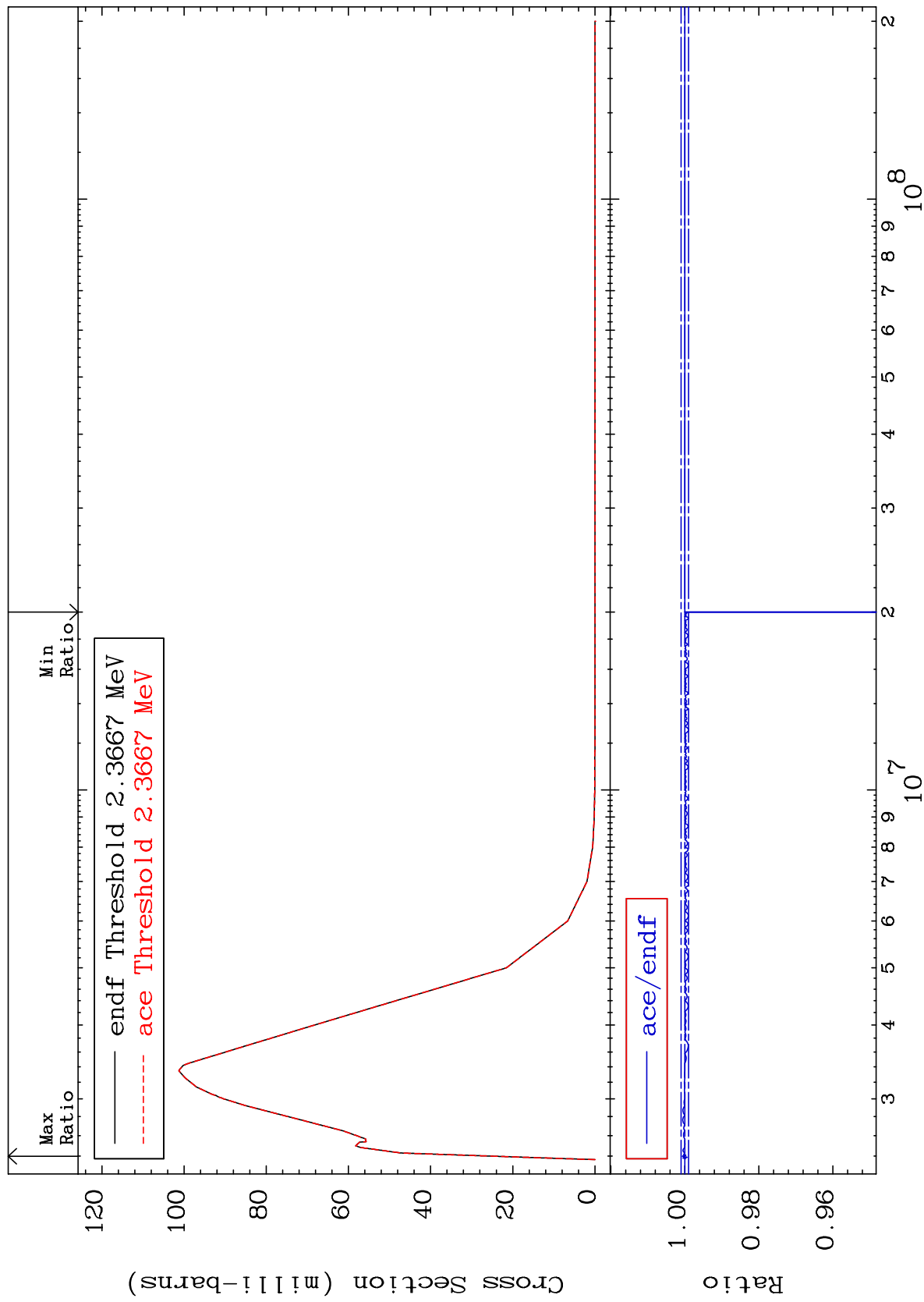
12

58-Ce-140

MAT 5837

2.350 MeV (n,n') Level
Cross Section

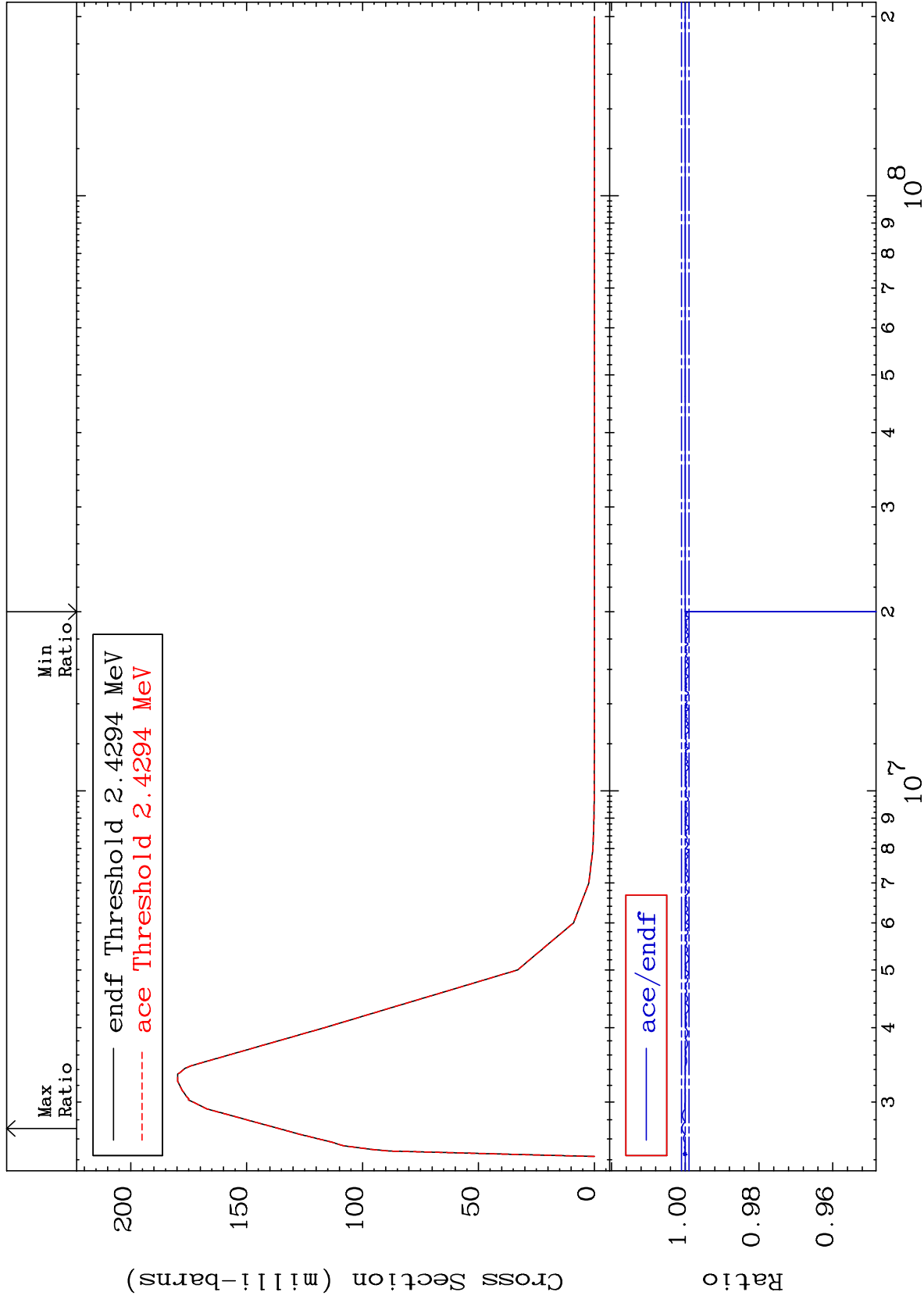
58-Ce-140
-100.0 To 0.067 %



MAT 5837

2.412 MeV (n,n') Level
Cross Section

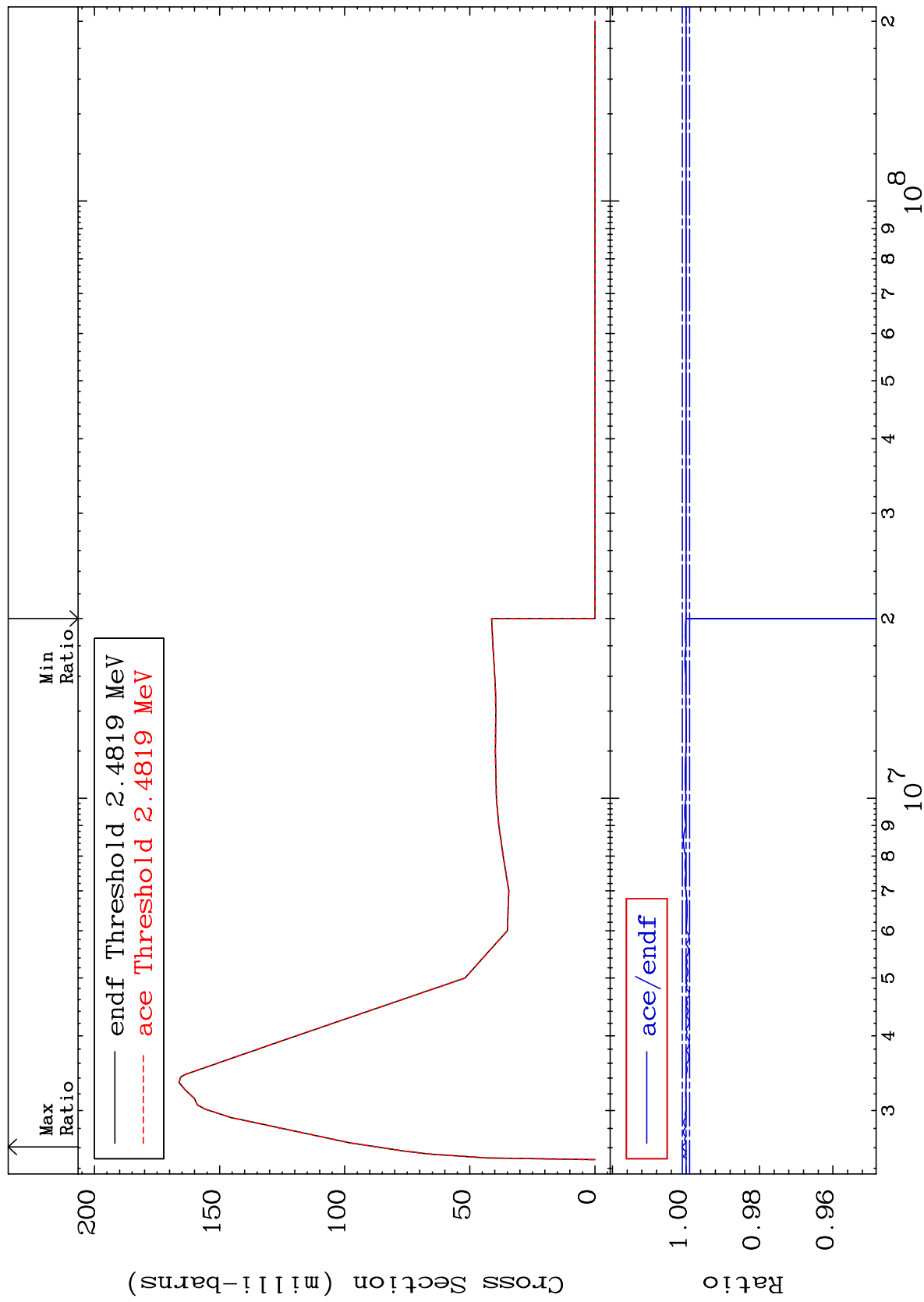
58-Ce-140
-100.0 To 0.089 %



MAT 5837

2.464 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.098 %



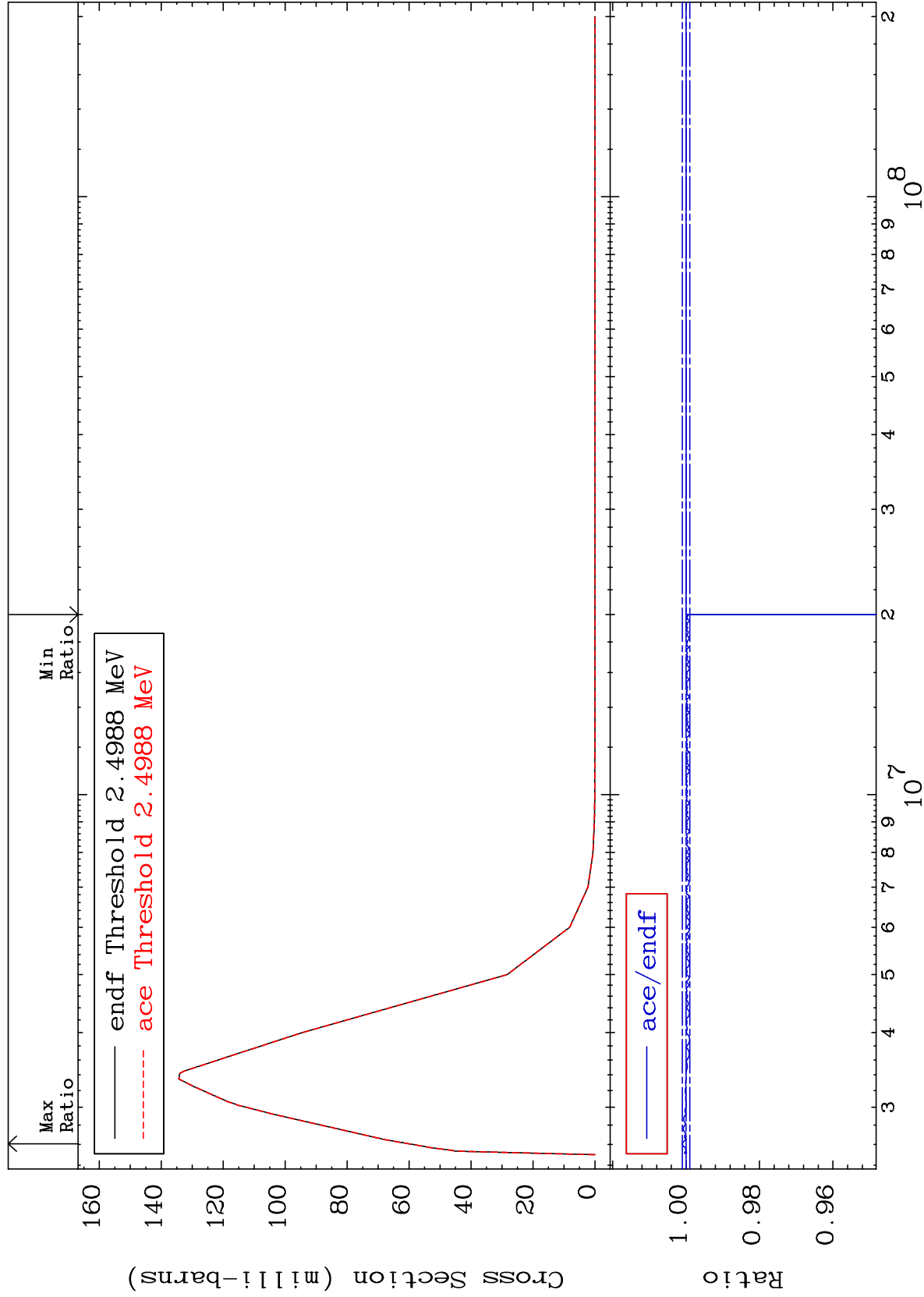
15

58-Ce-140

MAT 5837

2.481 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.100 %



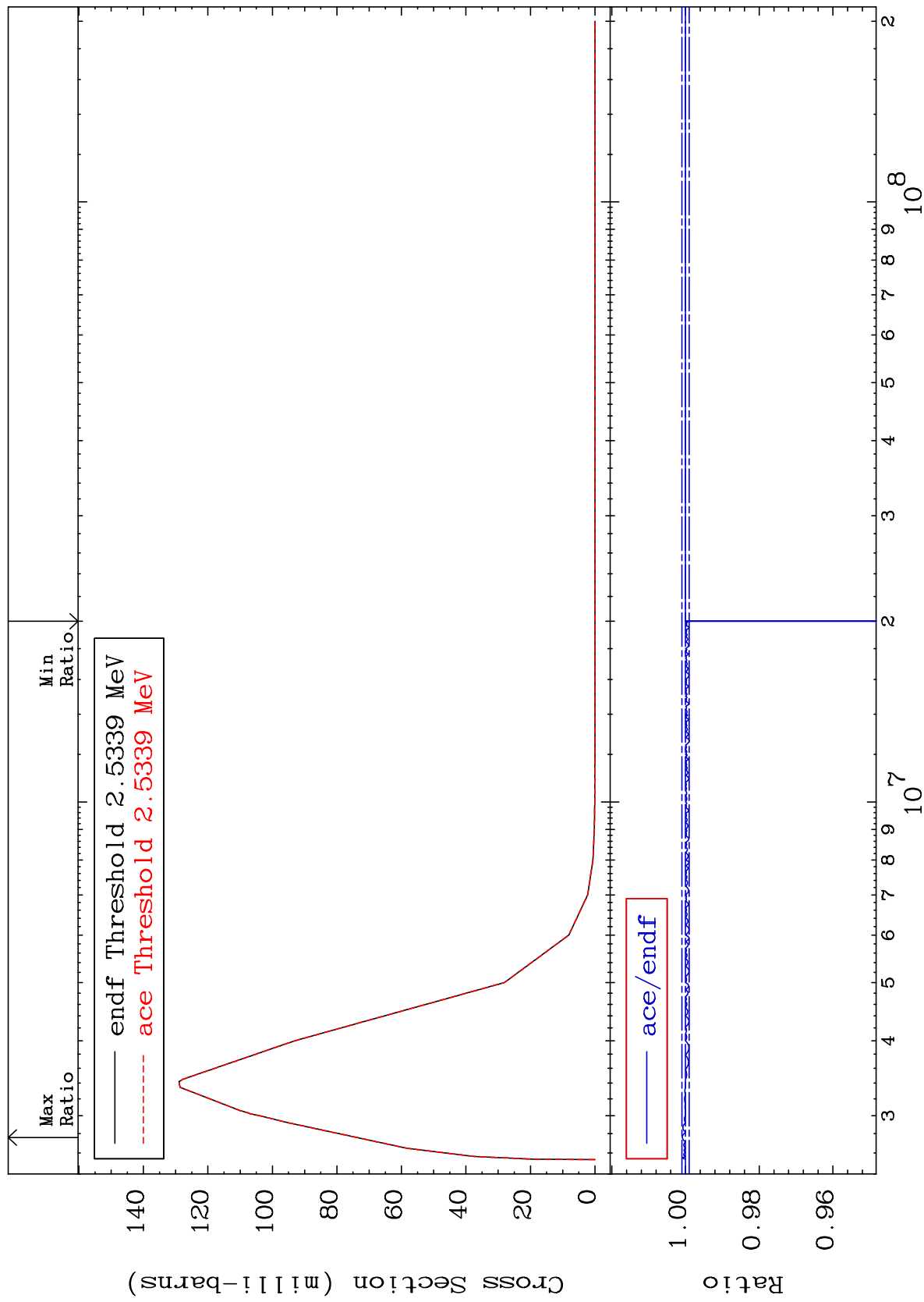
16

58-Ce-140

MAT 5837

2.516 MeV (n,n') Level
Cross Section

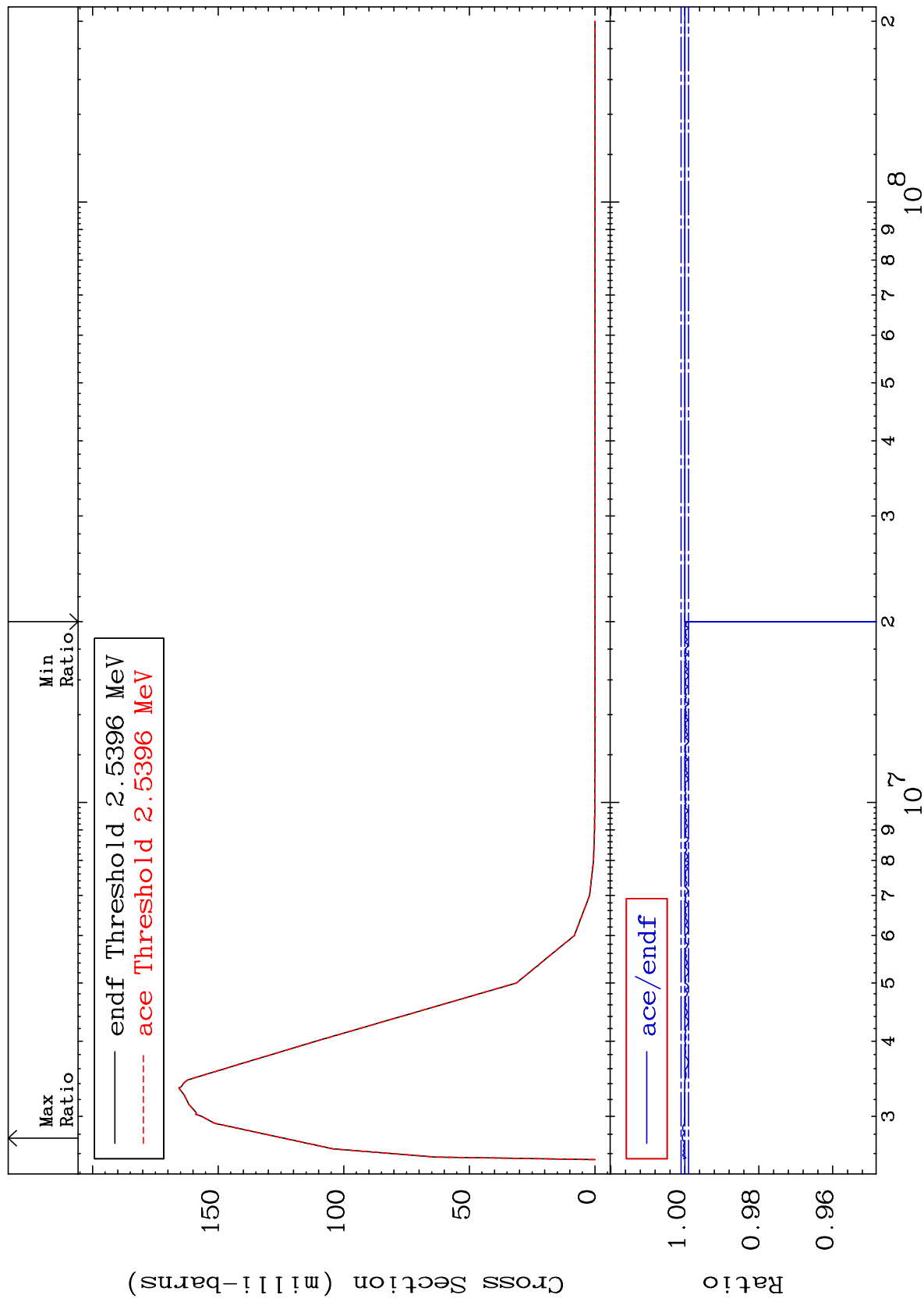
58-Ce-140
-100.0 To 0.085 %



MAT 5837

2.521 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.065 %



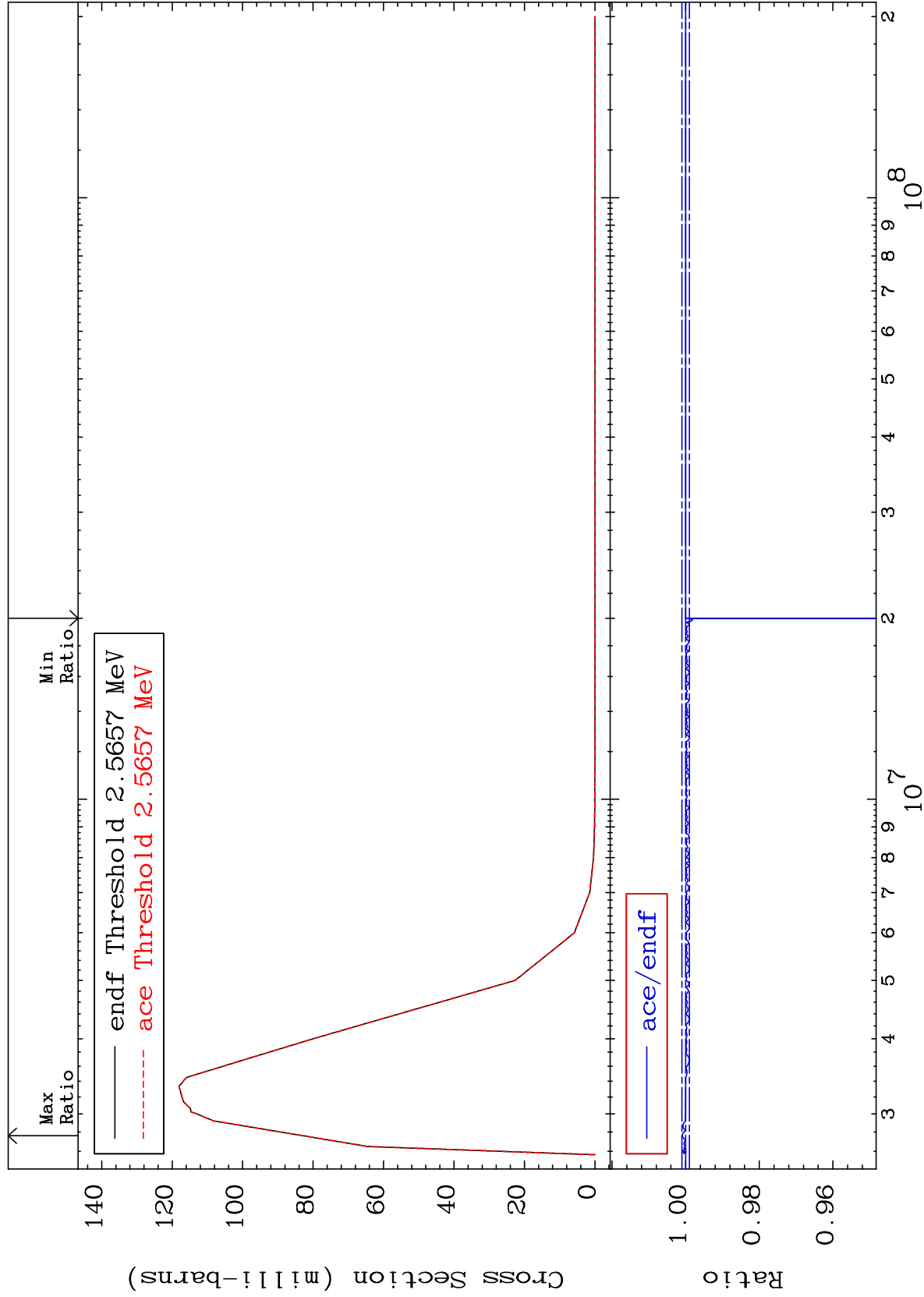
18

58-Ce-140

MAT 5837

2.547 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.090 %



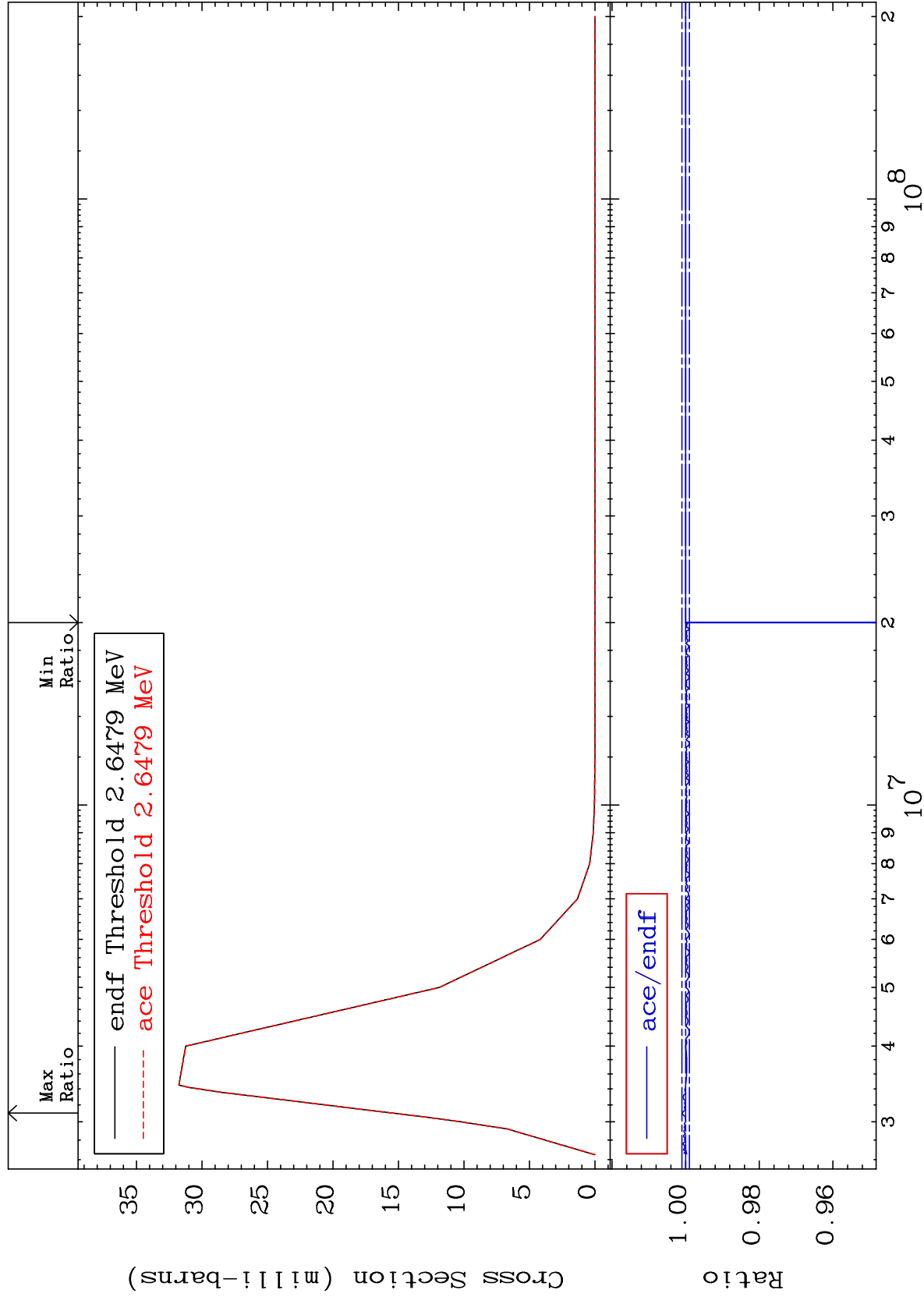
19

58-Ce-140

MAT 5837

2.629 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.089 %



20

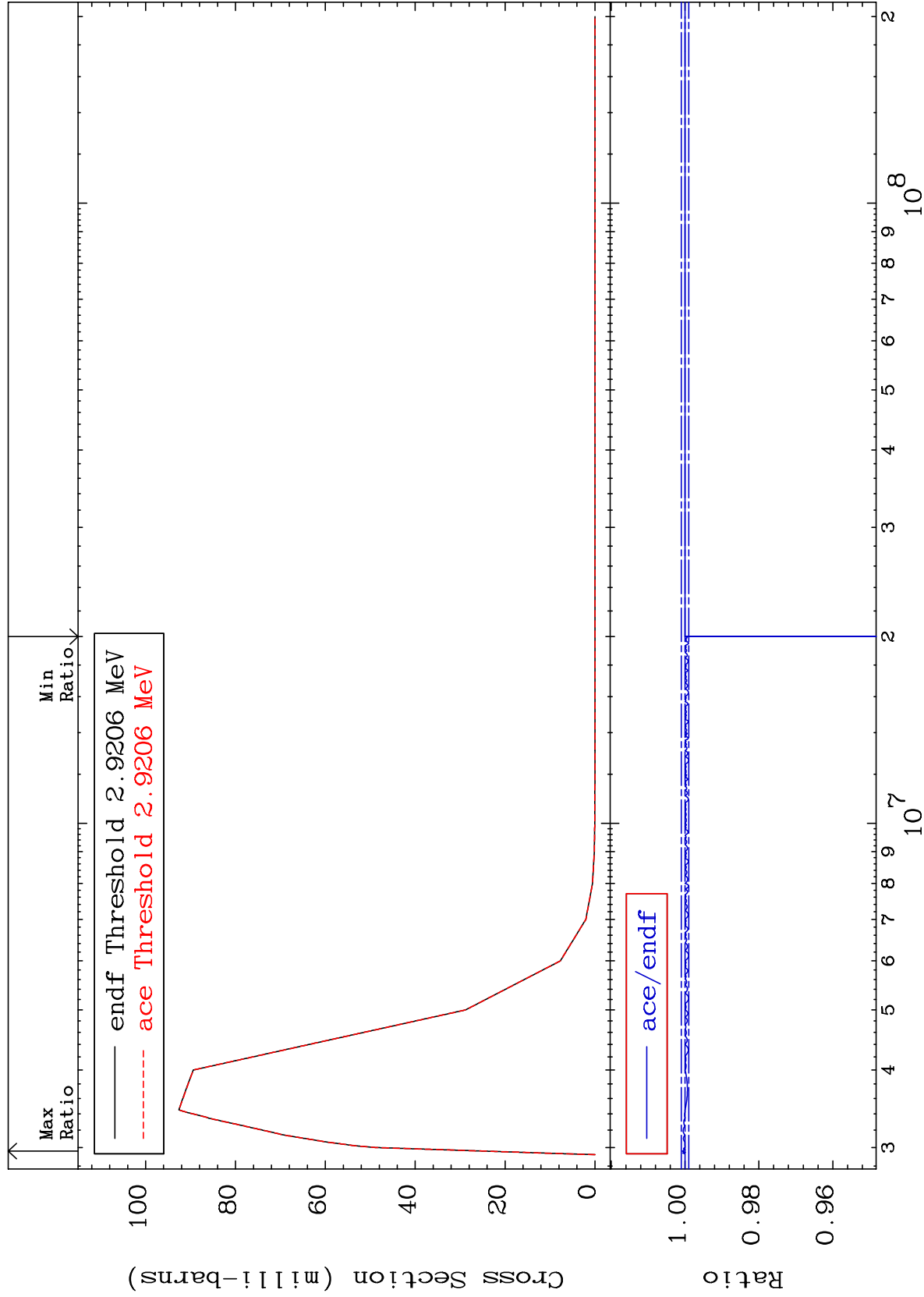
Incident Energy (eV)

58-Ce-140

MAT 5837

2.900 MeV (n,n') Level
Cross Section

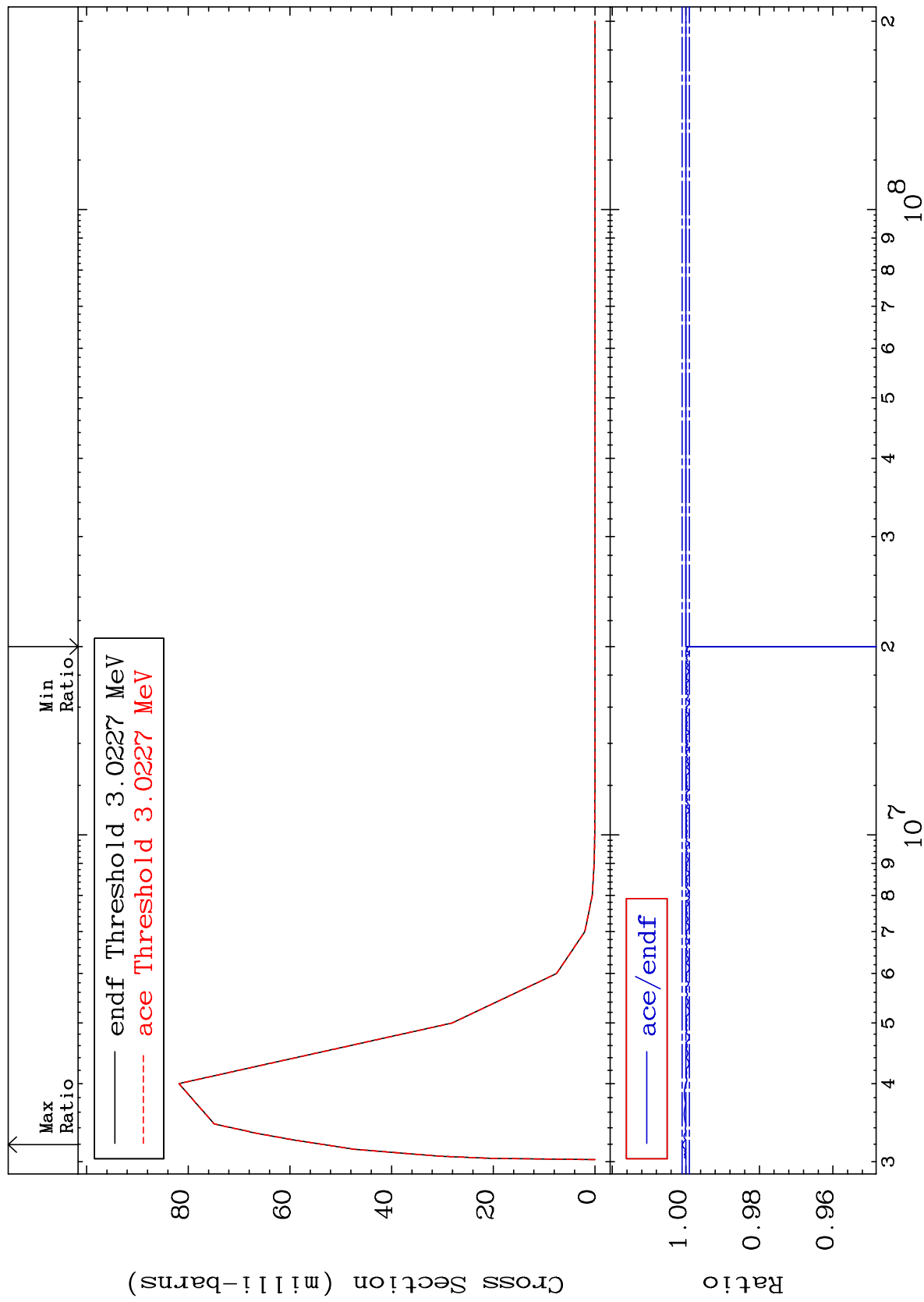
58-Ce-140
-100.0 To 0.072 %



MAT 5837

3.001 MeV (n,n') Level
Cross Section

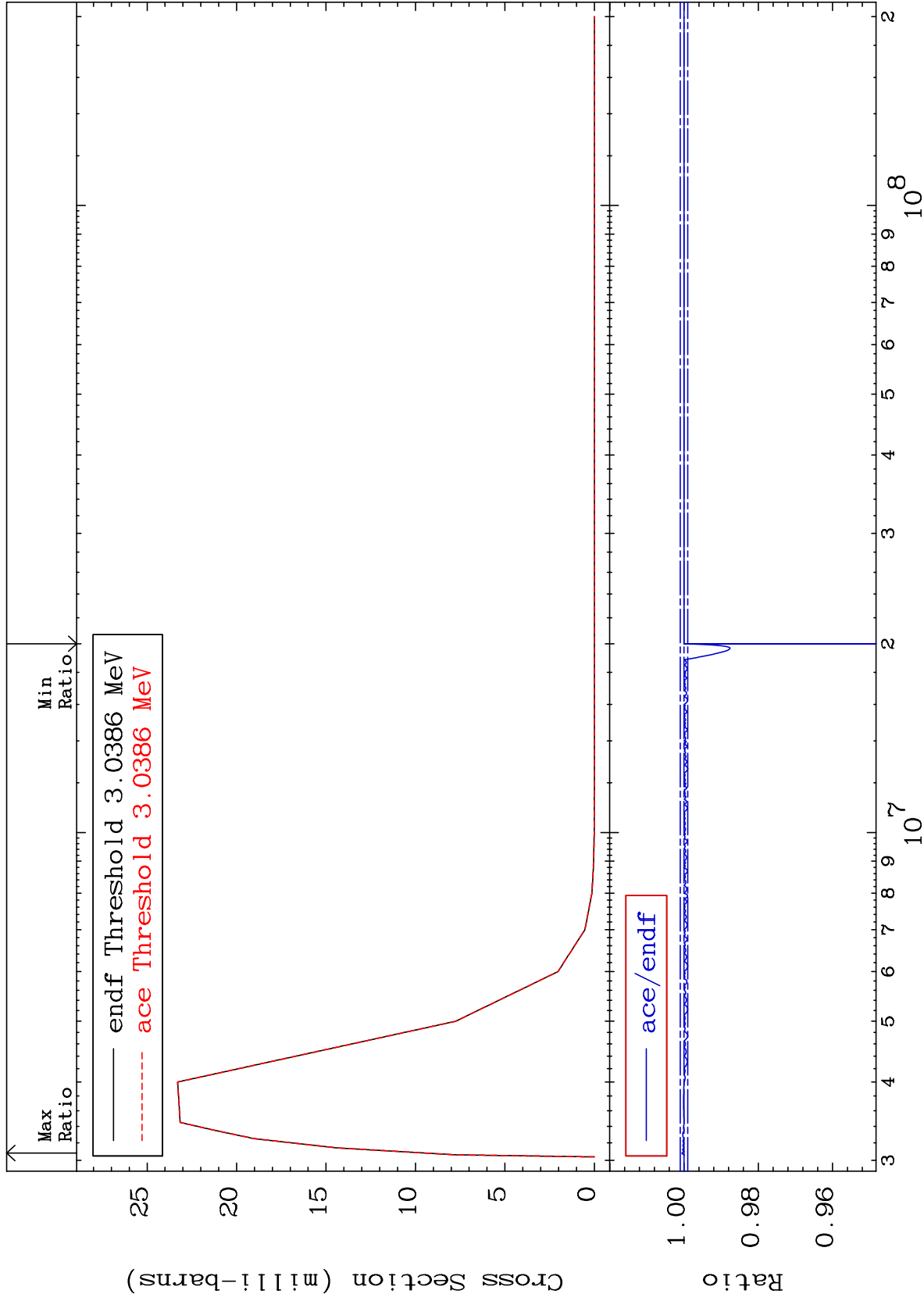
58-Ce-140
-100.0 To 0.094 %



MAT 5837

3.017 MeV (n,n') Level
Cross Section

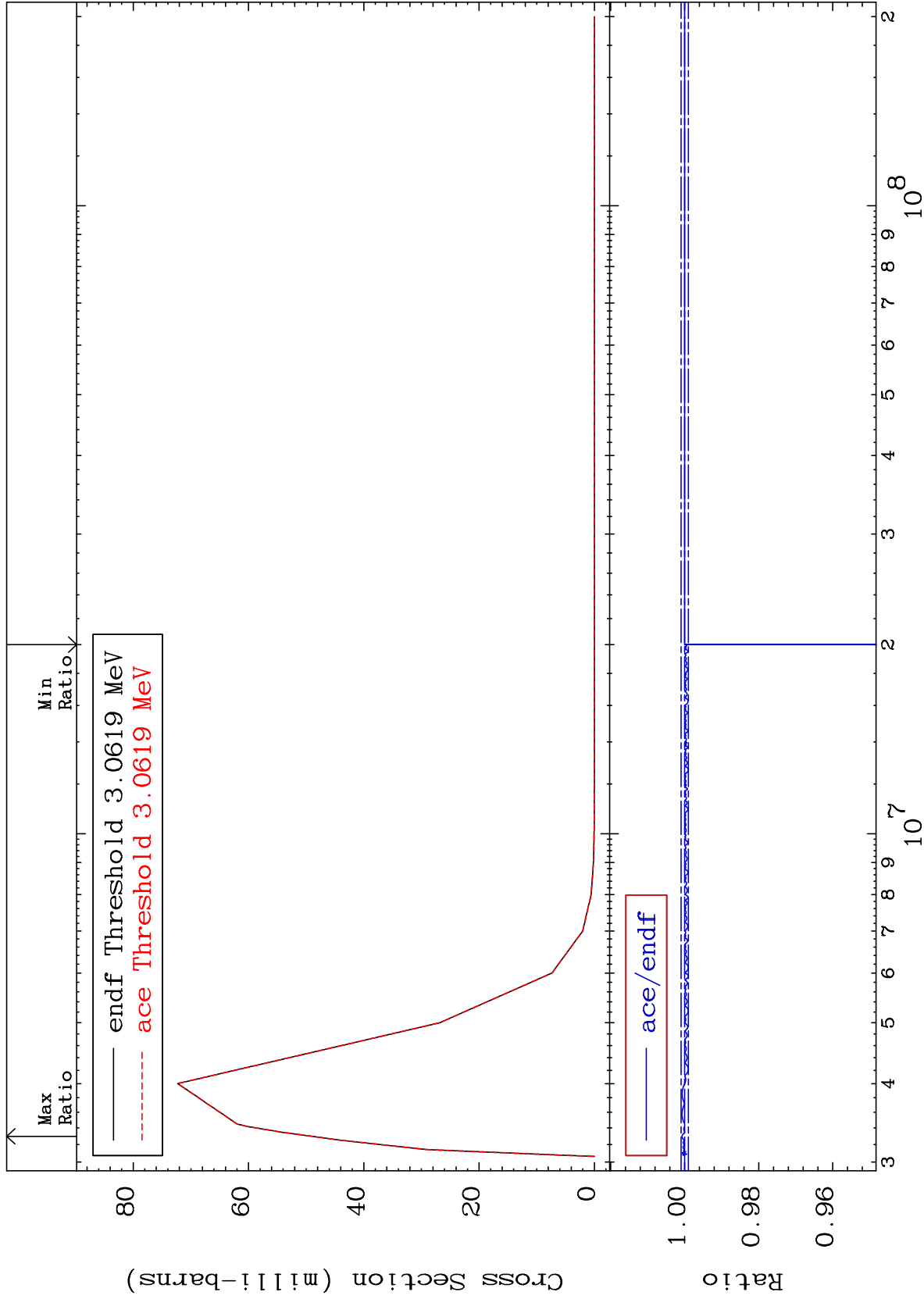
58-Ce-140
-100.0 To 0.056 %



MAT 5837

3.040 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.074 %



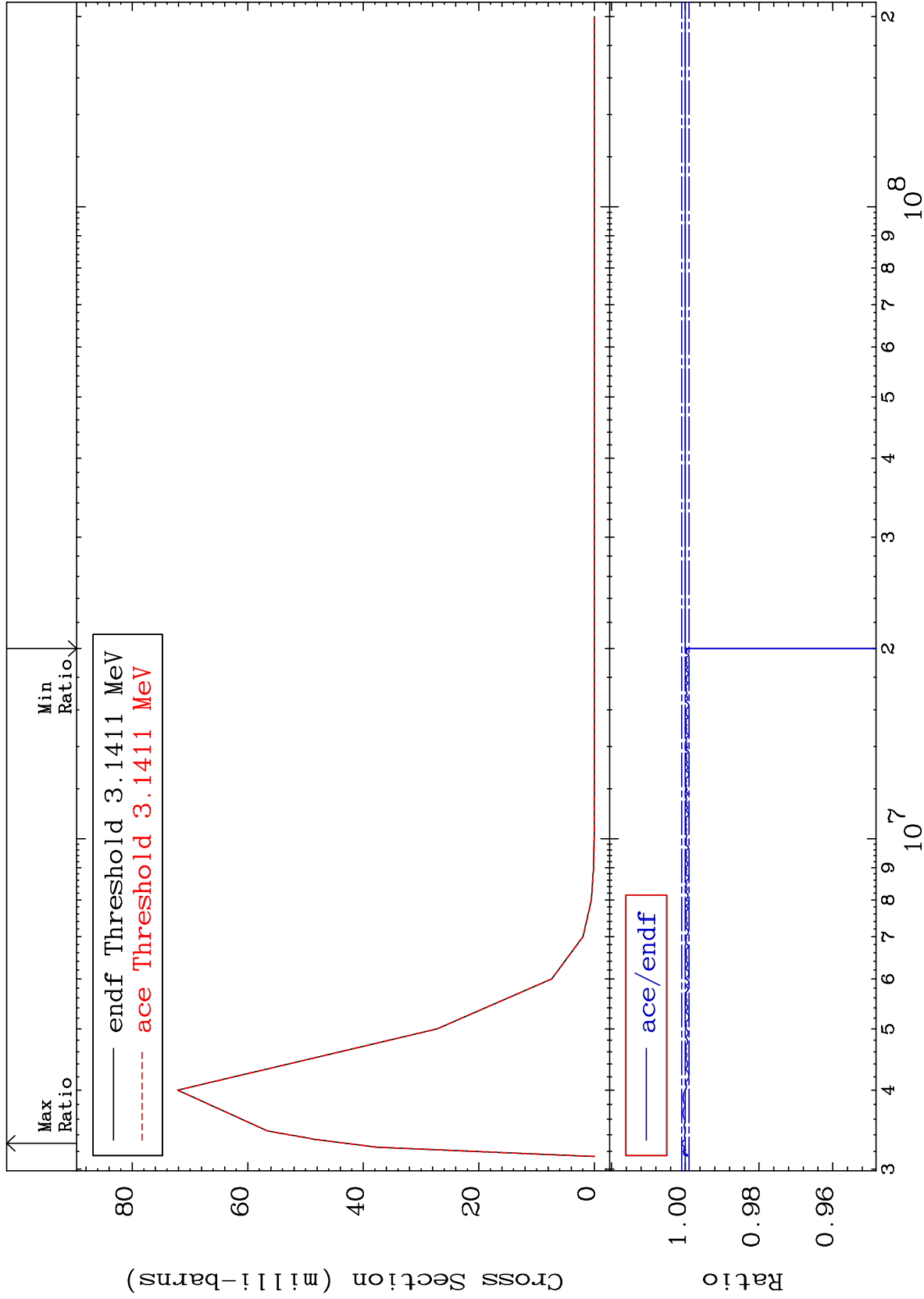
24

58-Ce-140

MAT 5837

3.119 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.091 %



25

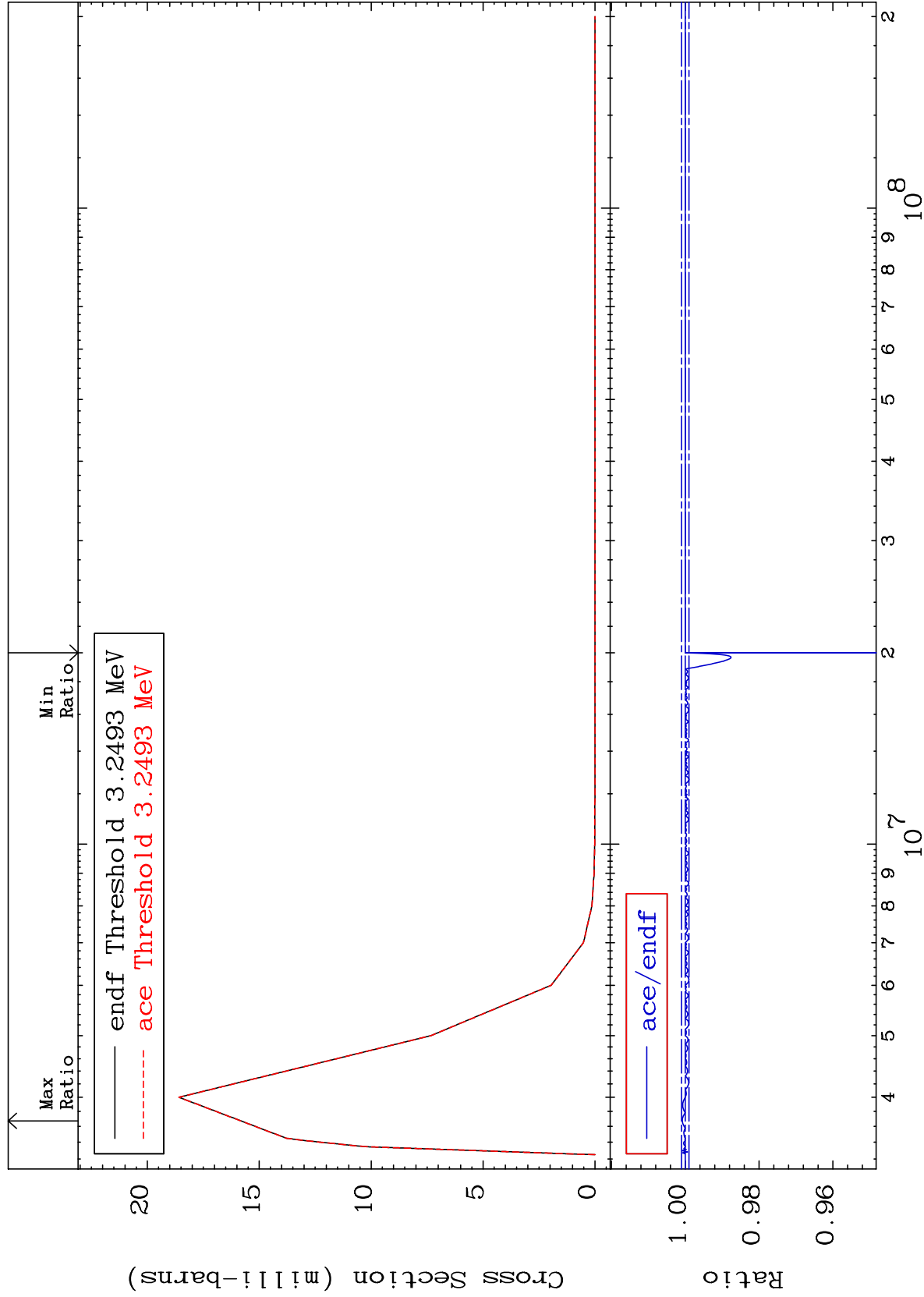
Incident Energy (eV)

58-Ce-140

MAT 5837

3.226 MeV (n,n') Level
Cross Section

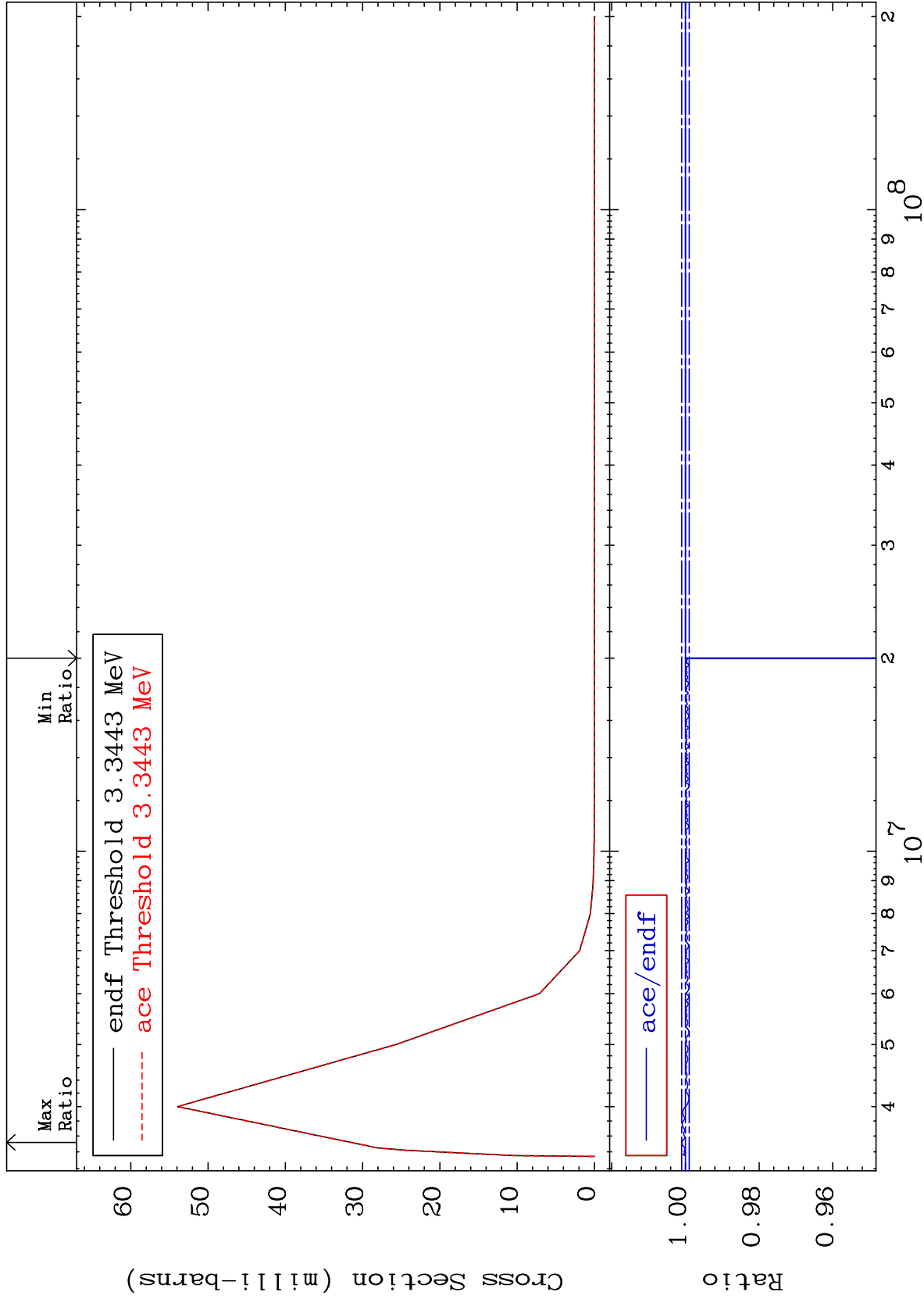
58-Ce-140
-100.0 To 0.079 %



MAT 5837

3.320 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.095 %



27

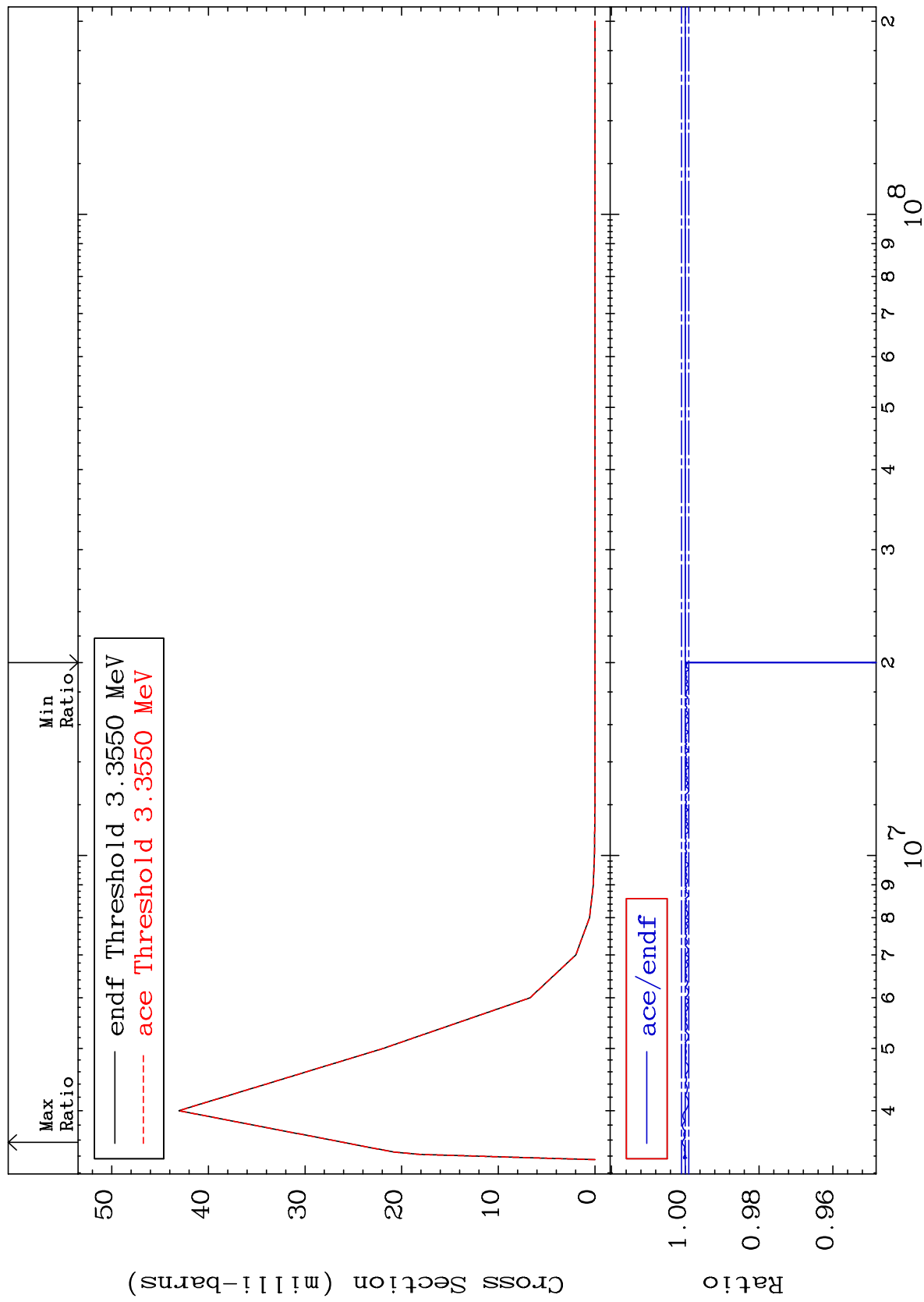
Incident Energy (eV)

58-Ce-140

MAT 5837

3.331 MeV (n,n') Level
Cross Section

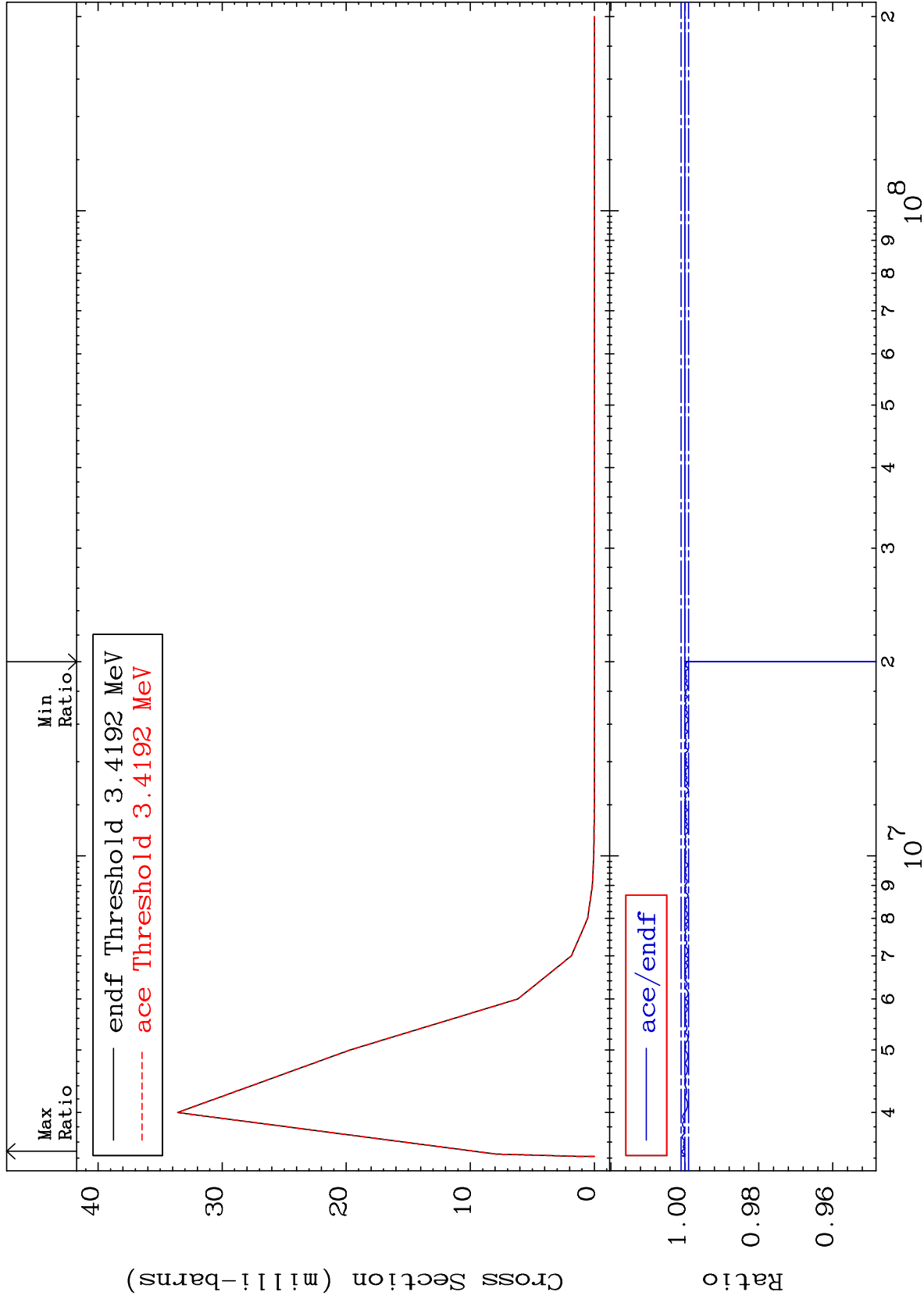
58-Ce-140
-100.0 To 0.076 %



MAT 5837

3.395 MeV (n,n') Level
Cross Section

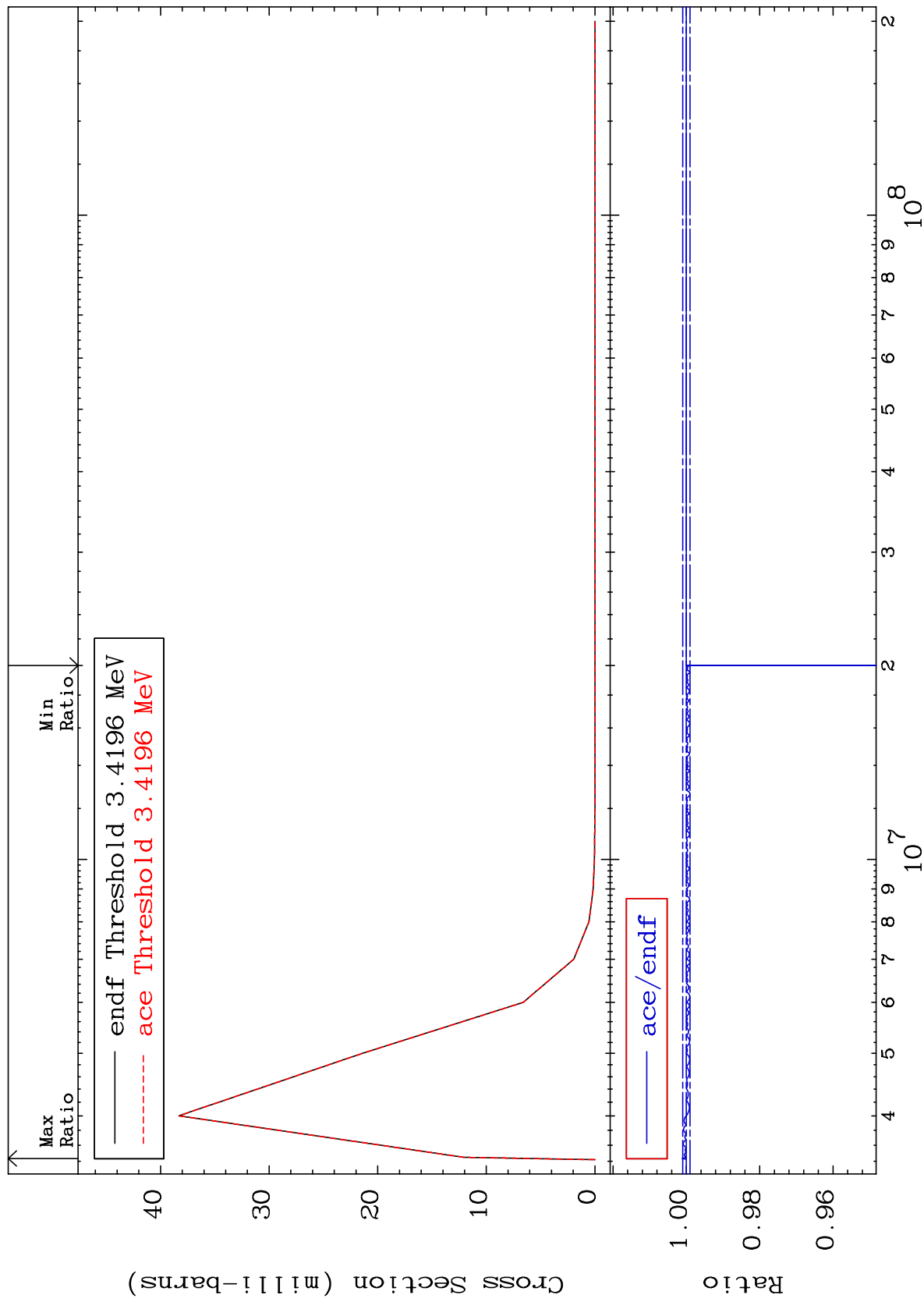
58-Ce-140
-100.0 To 0.076 %



MAT 5837

3.395 MeV (n,n') Level
Cross Section

58-Ce-140
-100.0 To 0.108 %



30

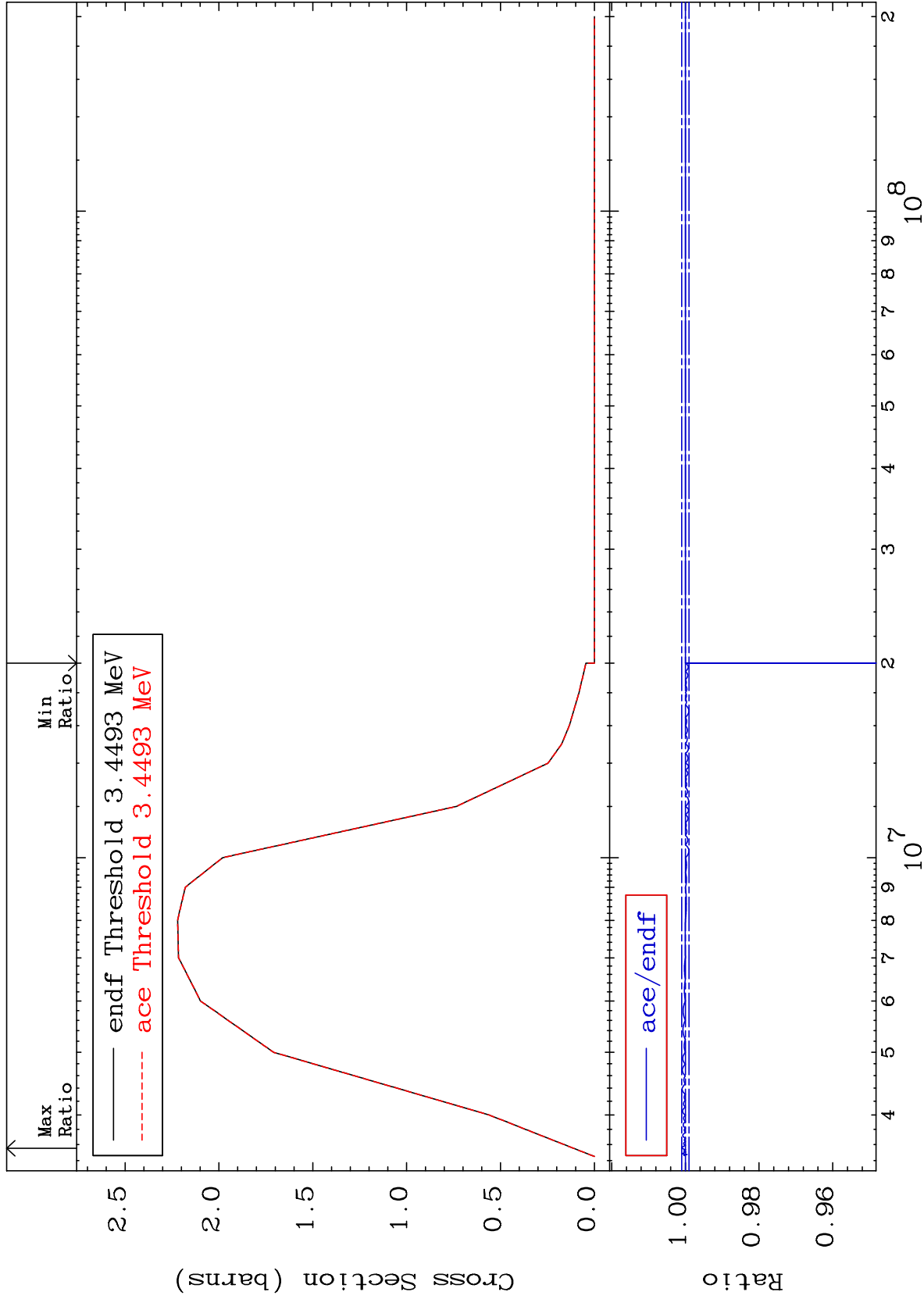
Incident Energy (eV)

58-Ce-140

MAT 5837

(n,n') Continuum
Cross Section

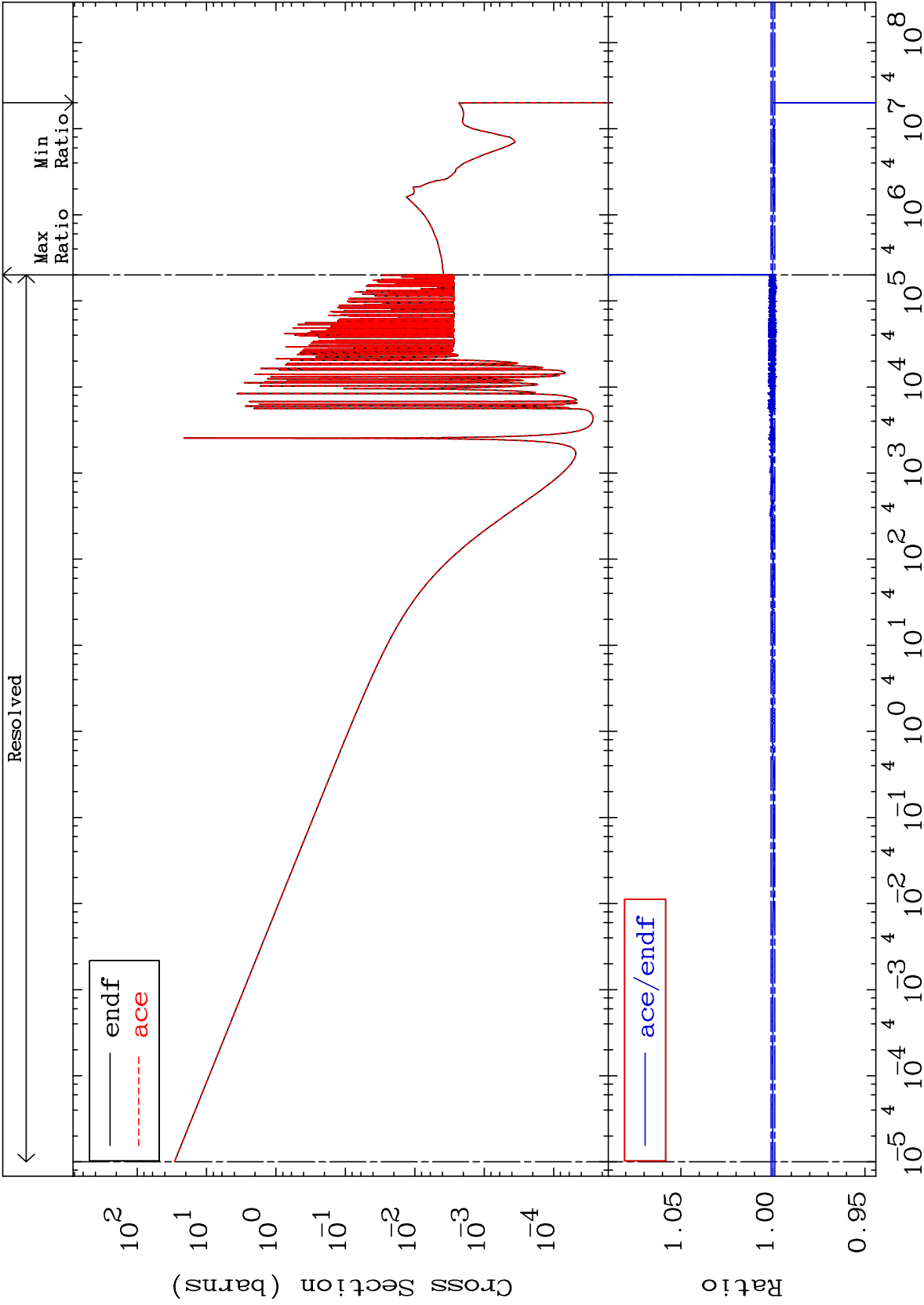
58-Ce-140
-100.0 To 0.093 %



MAT 5837

(n, γ)
Cross Section

58-Ce-140
-72.61 To 12.71 %



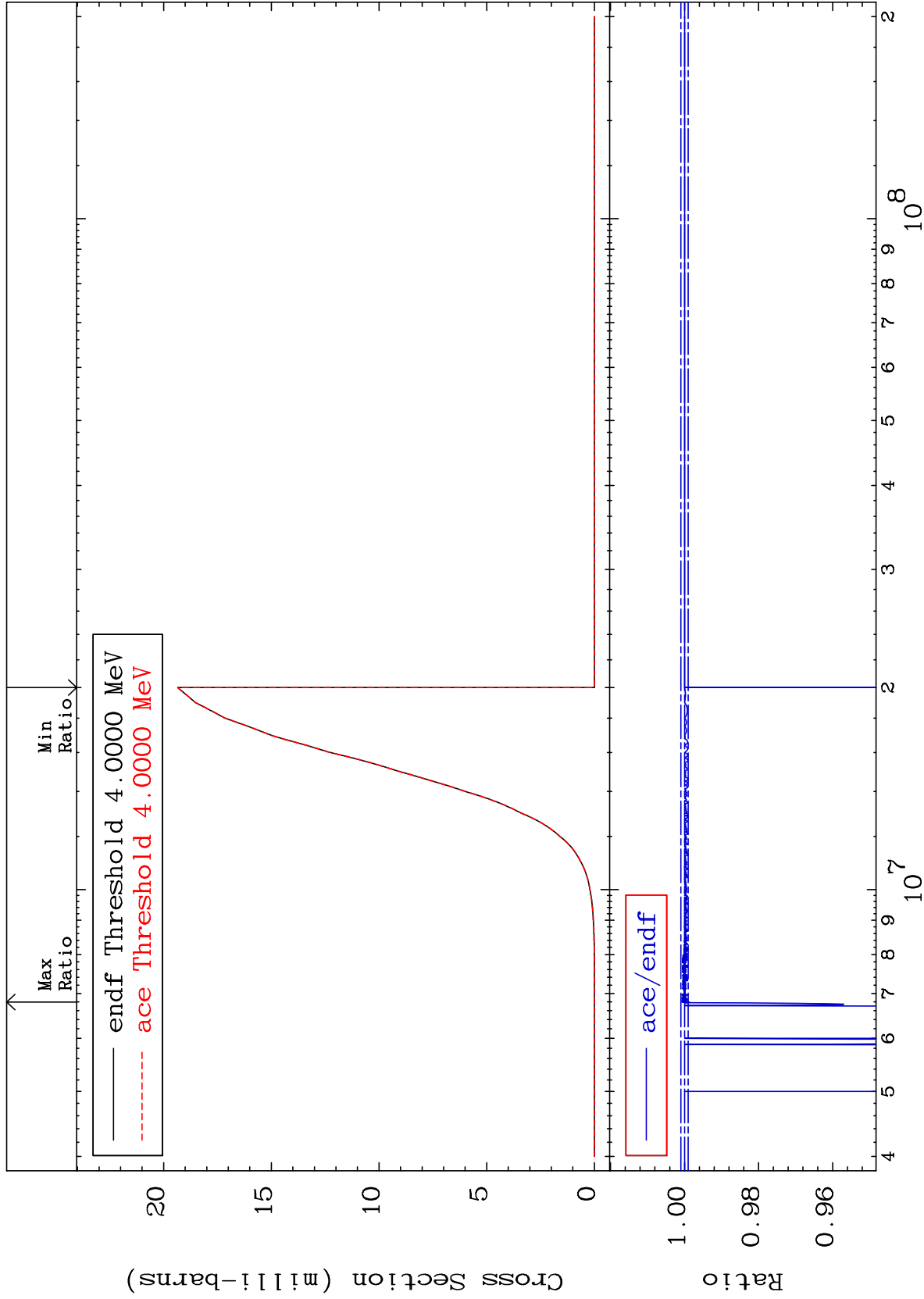
MAT 5837

(n,p)

58-Ce-140

Cross Section

-100.0 To 0.070 %



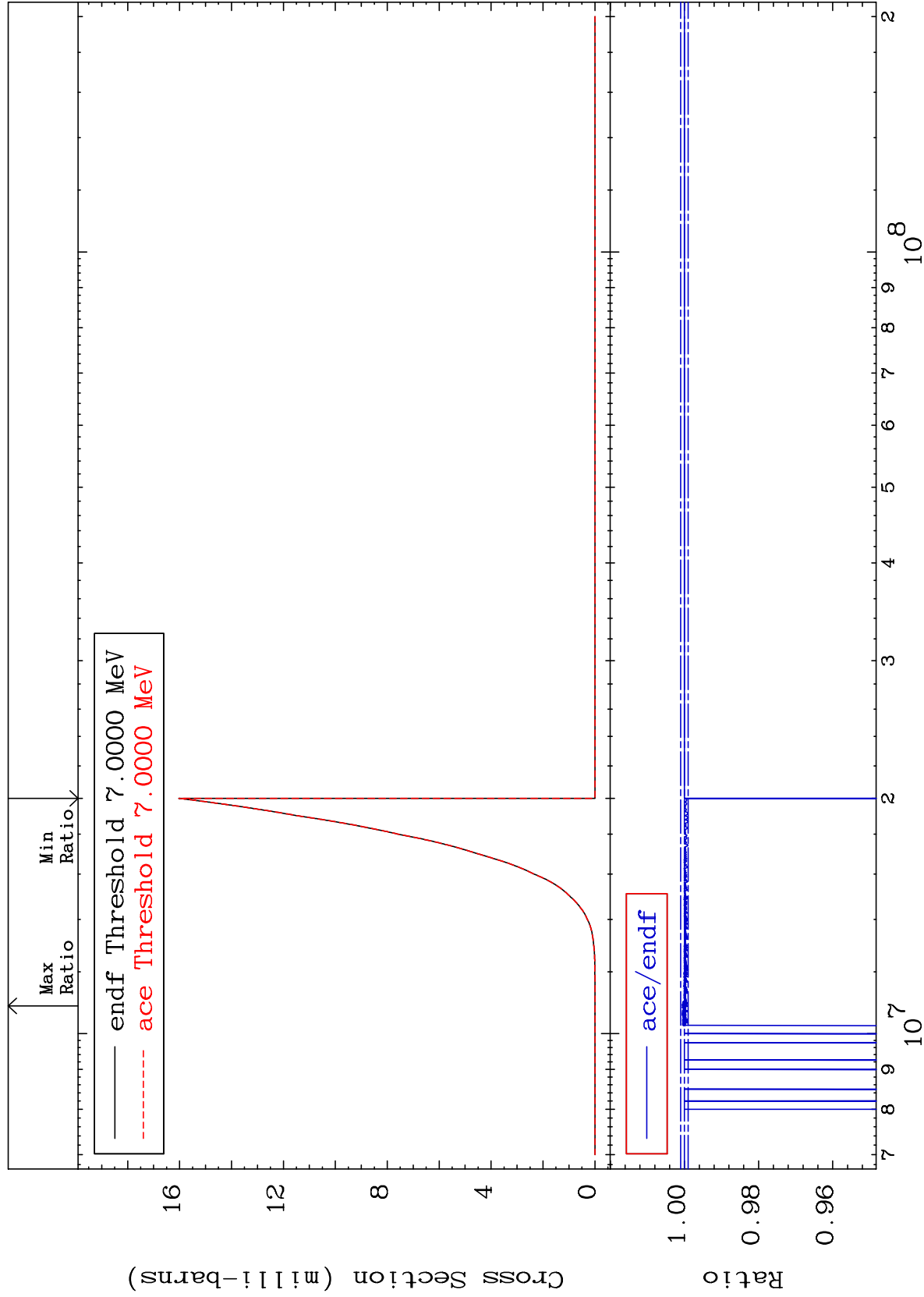
MAT 5837

(n, d)

58-Ce-140

Cross Section

-100.0 To 0.057 %



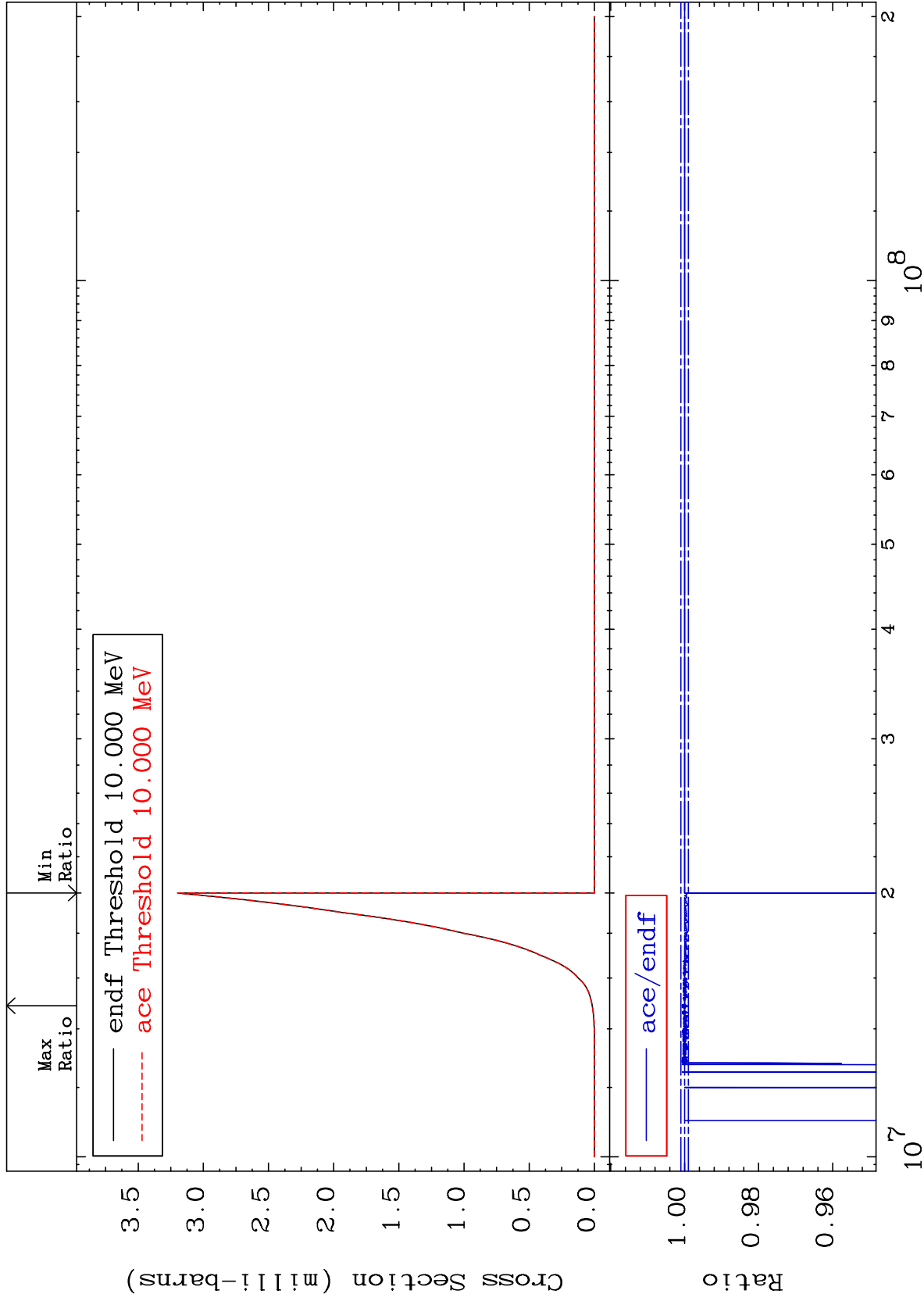
MAT 5837

(n, t)

58-Ce-140

Cross Section

-100.0 To 0.072 %



35

Incident Energy (eV)

58-Ce-140

MAT 5837

(n, α)

58-Ce-140

Cross Section

-100.0 To 0.096 %

