

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

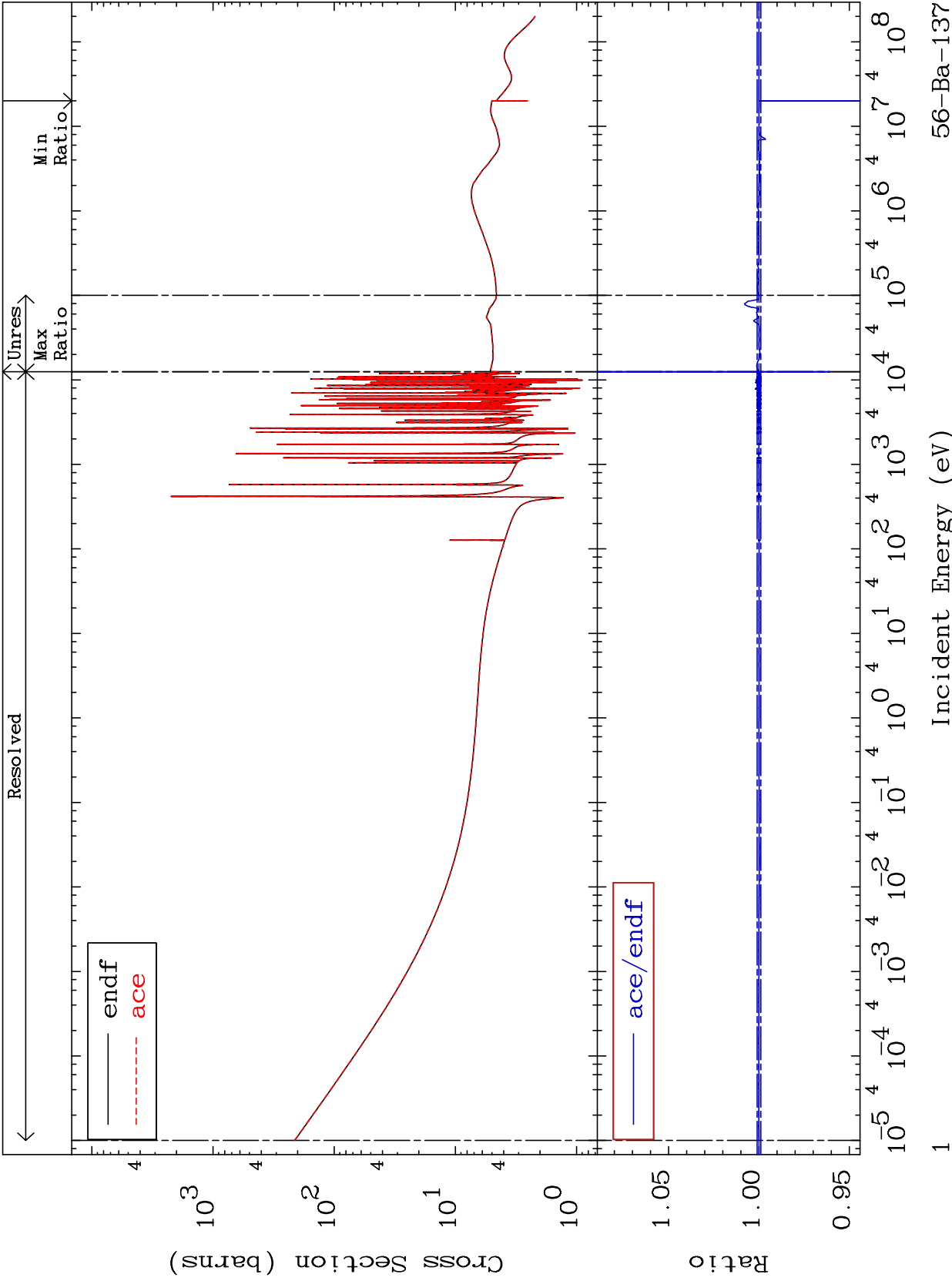
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5646

Total
Cross Section

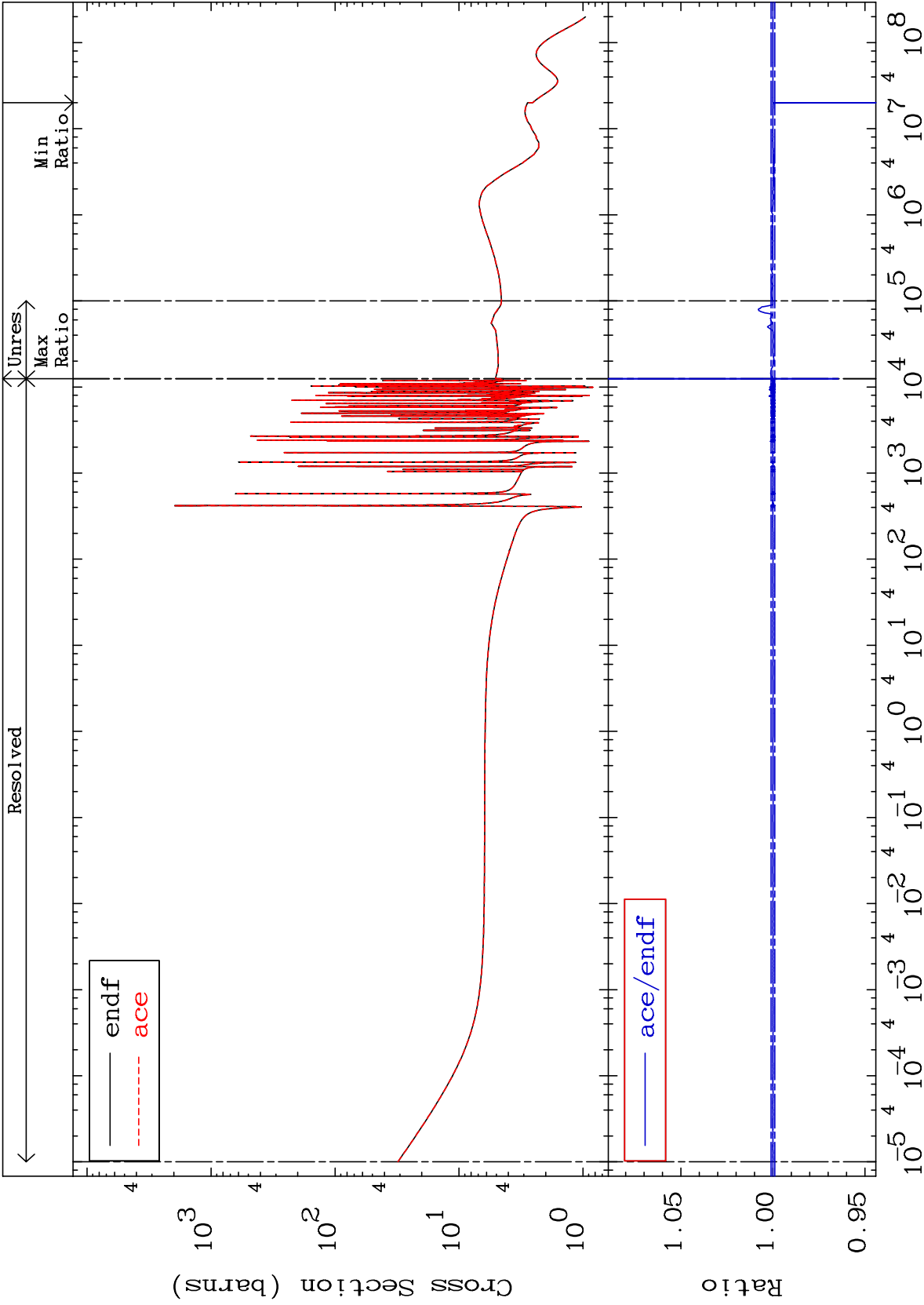
56-Ba-137
-48.96 To 13.85 %



MAT 5646

Elastic Cross Section

56-Ba-137
-9.018 To 12.34 %



2

Incident Energy (eV)

56-Ba-137

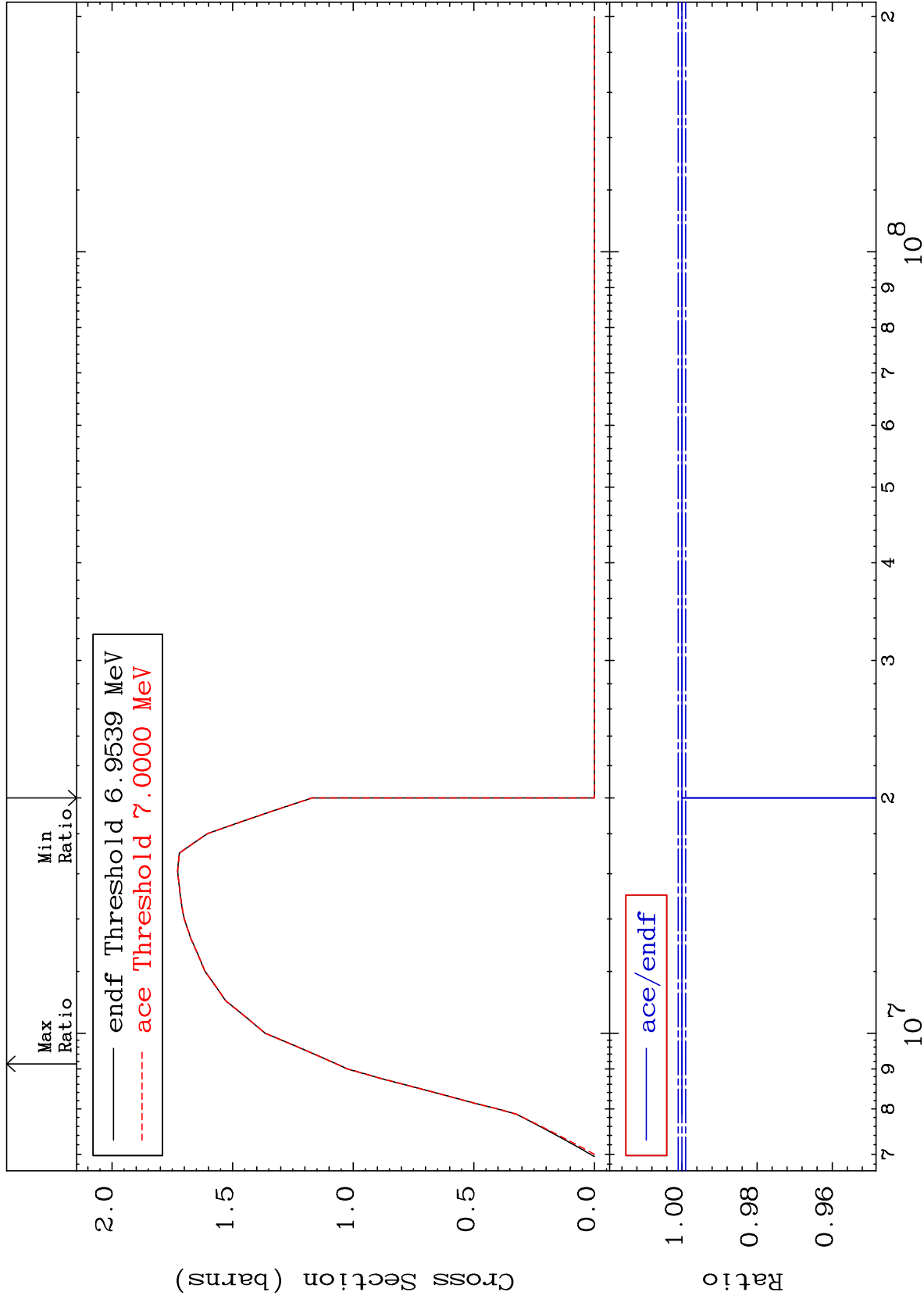
MAT 5646

(n,2n)

56-Ba-137

Cross Section

-100.0 To 0.000 %



3

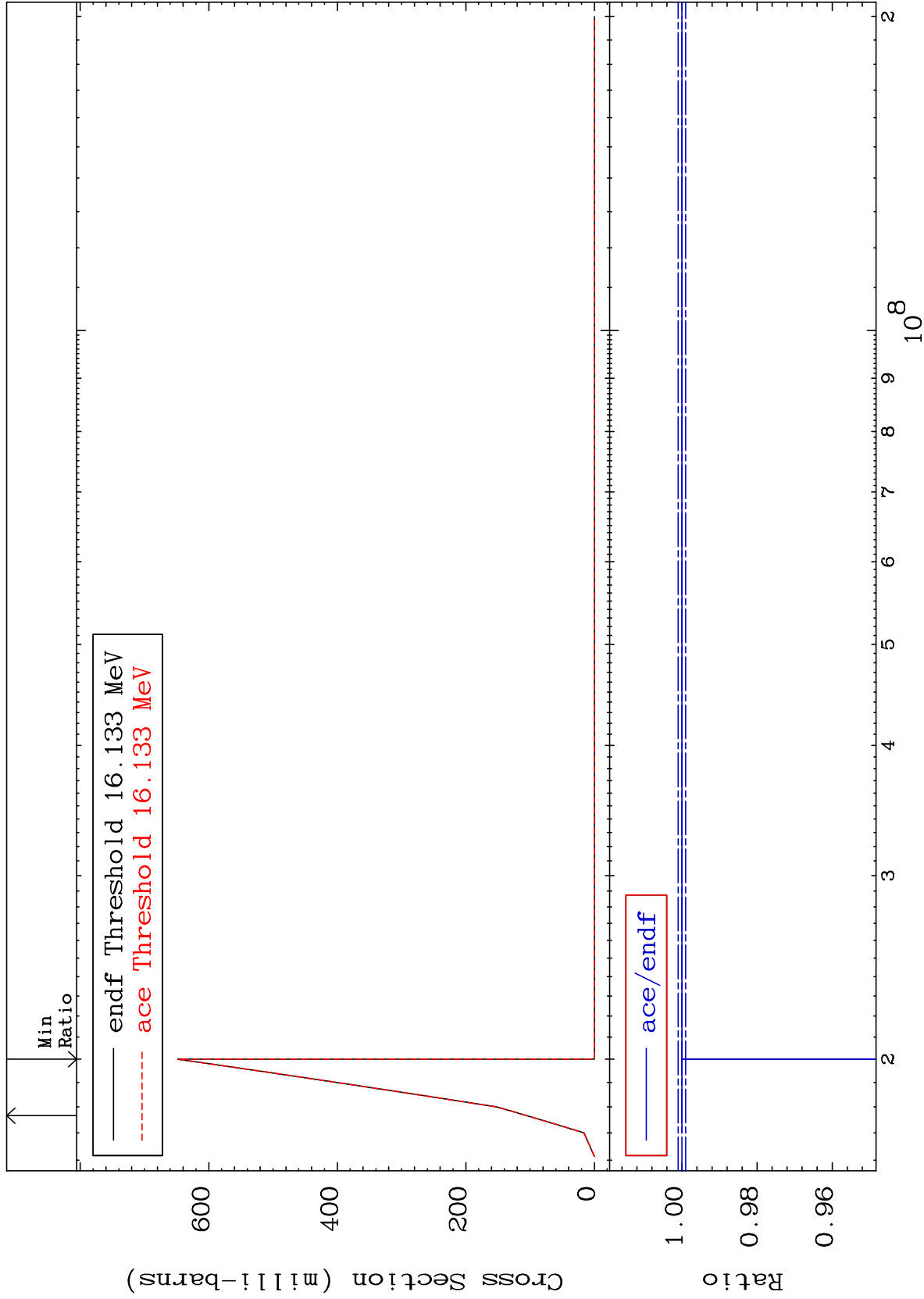
Incident Energy (eV)

56-Ba-137

MAT 5646

(n, 3n)
Cross Section

56-Ba-137
-100.0 To 0.000 %



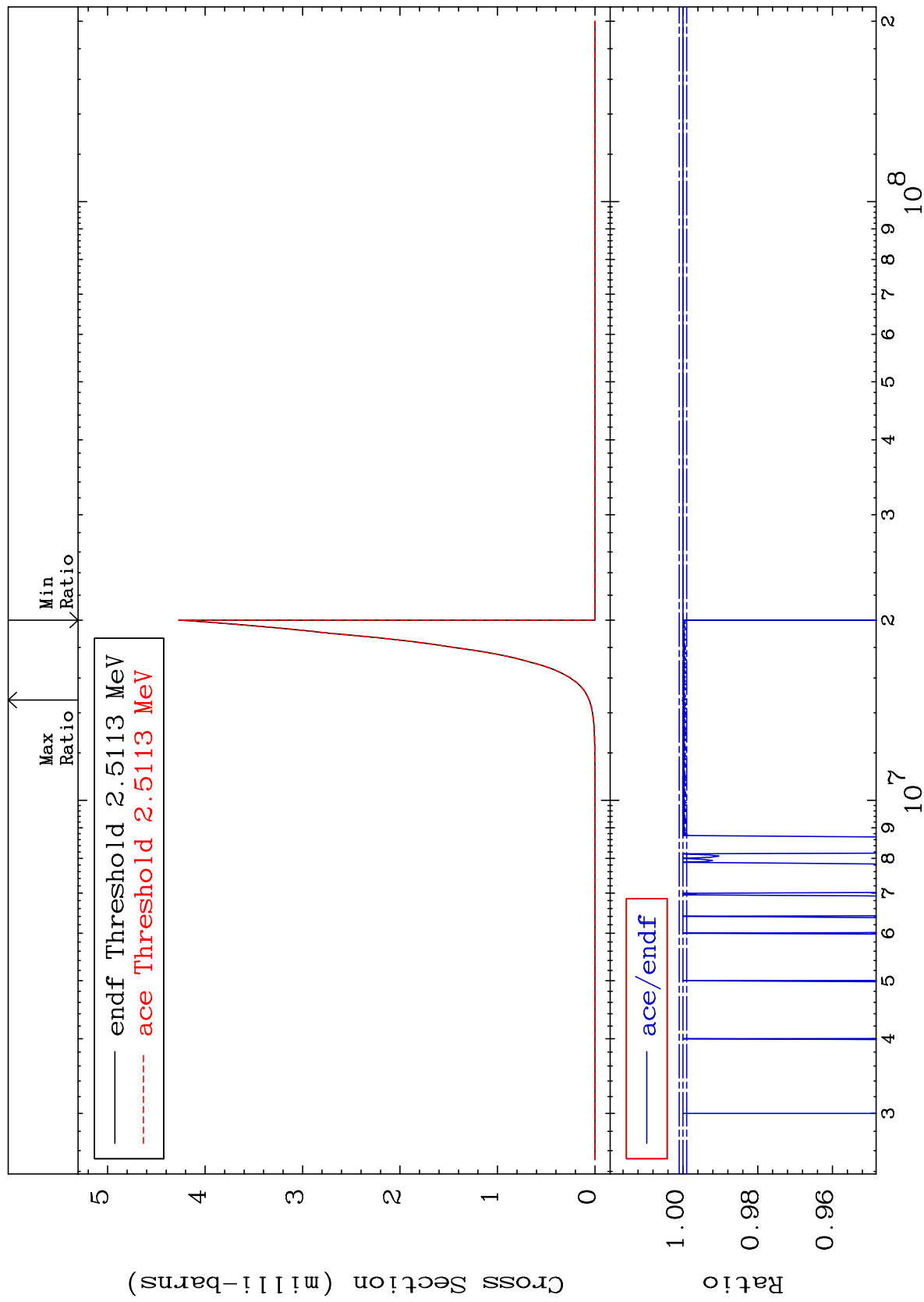
MAT 5646

(n, n') α

56-Ba-137

Cross Section

-100.0 To 0.016 %



5

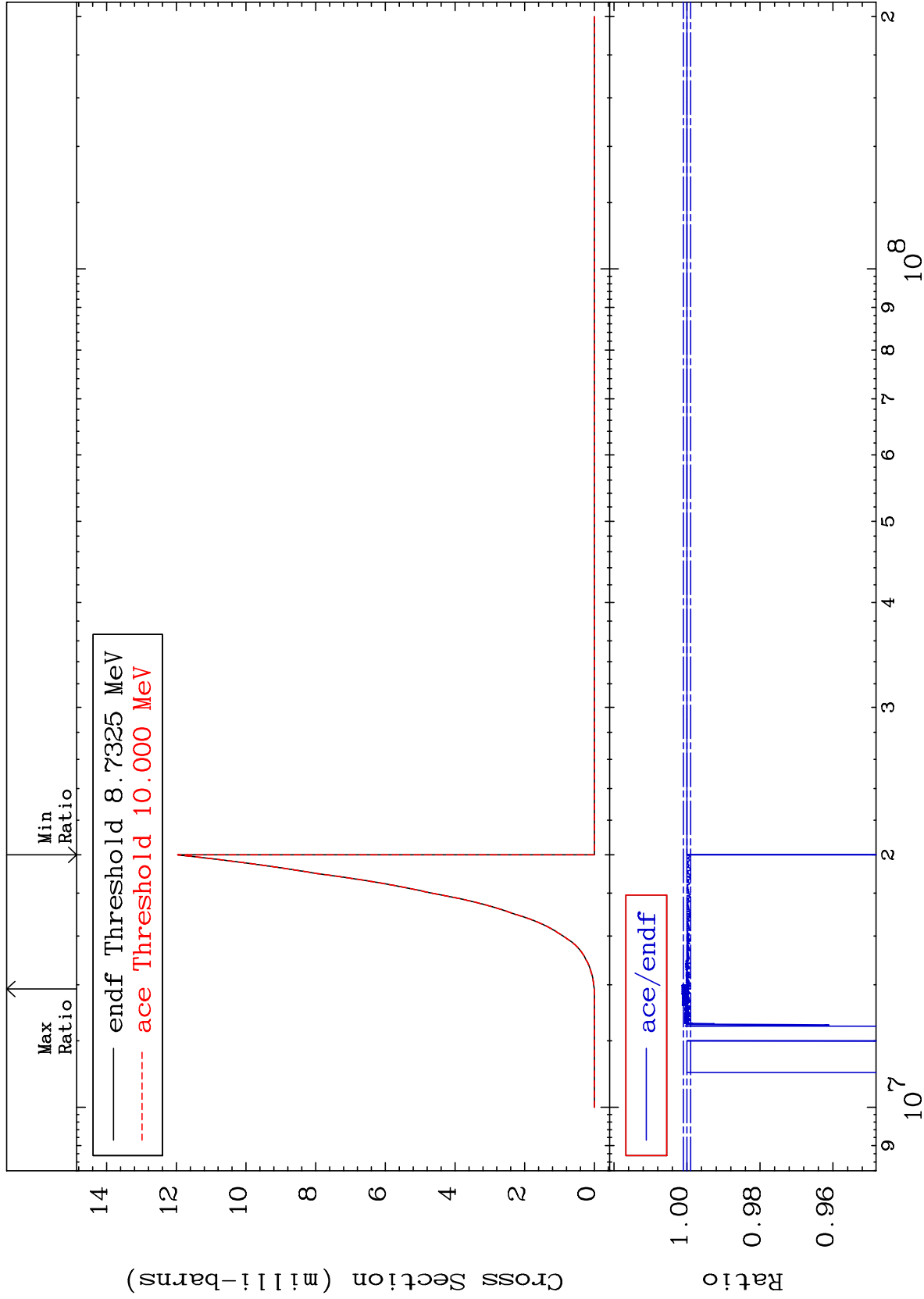
Incident Energy (eV)

56-Ba-137

MAT 5646

(n, n') p
Cross Section

56-Ba-137
-100.0 To 0.137 %



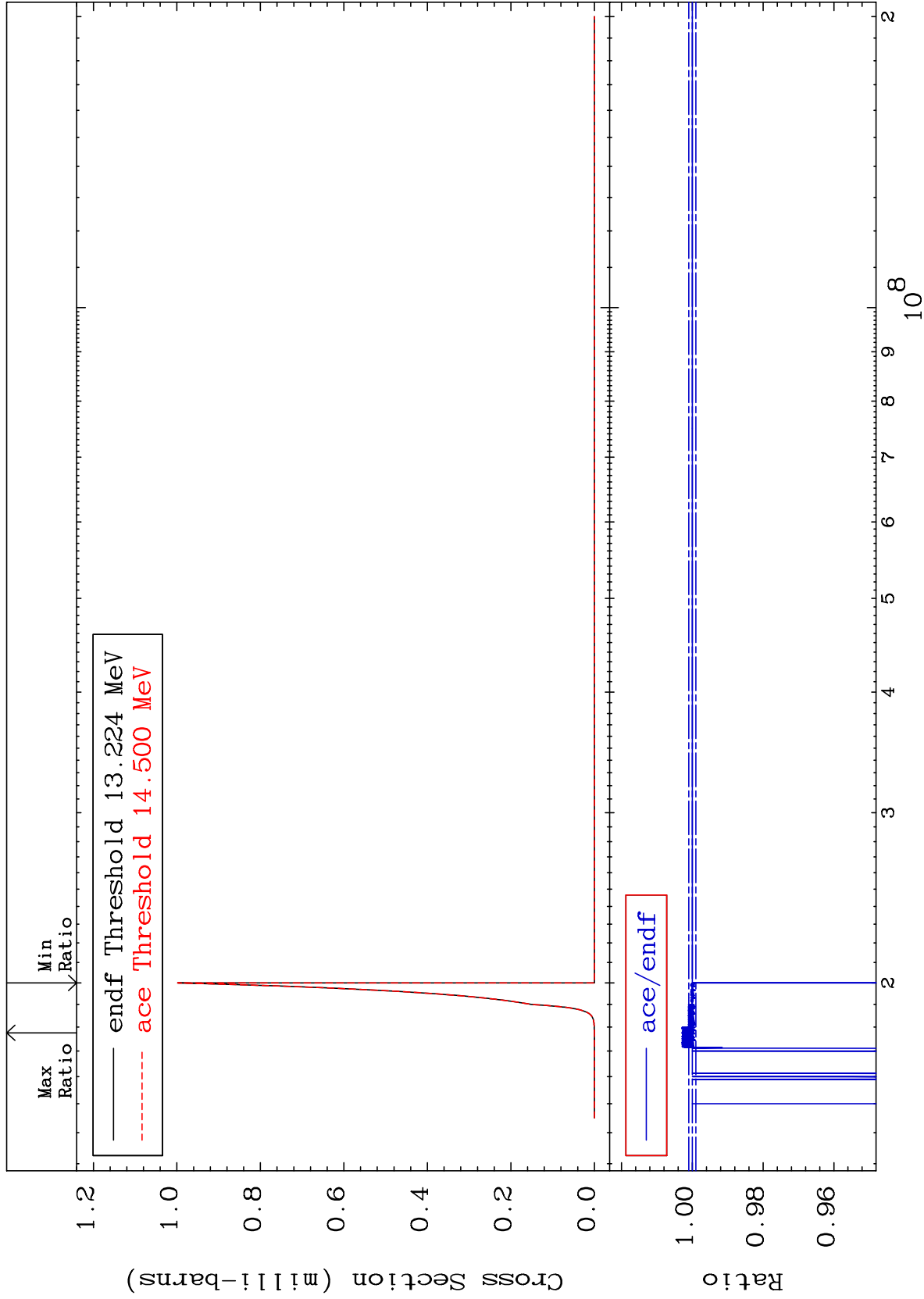
Incident Energy (eV)

56-Ba-137

MAT 5646

(n, n') d
Cross Section

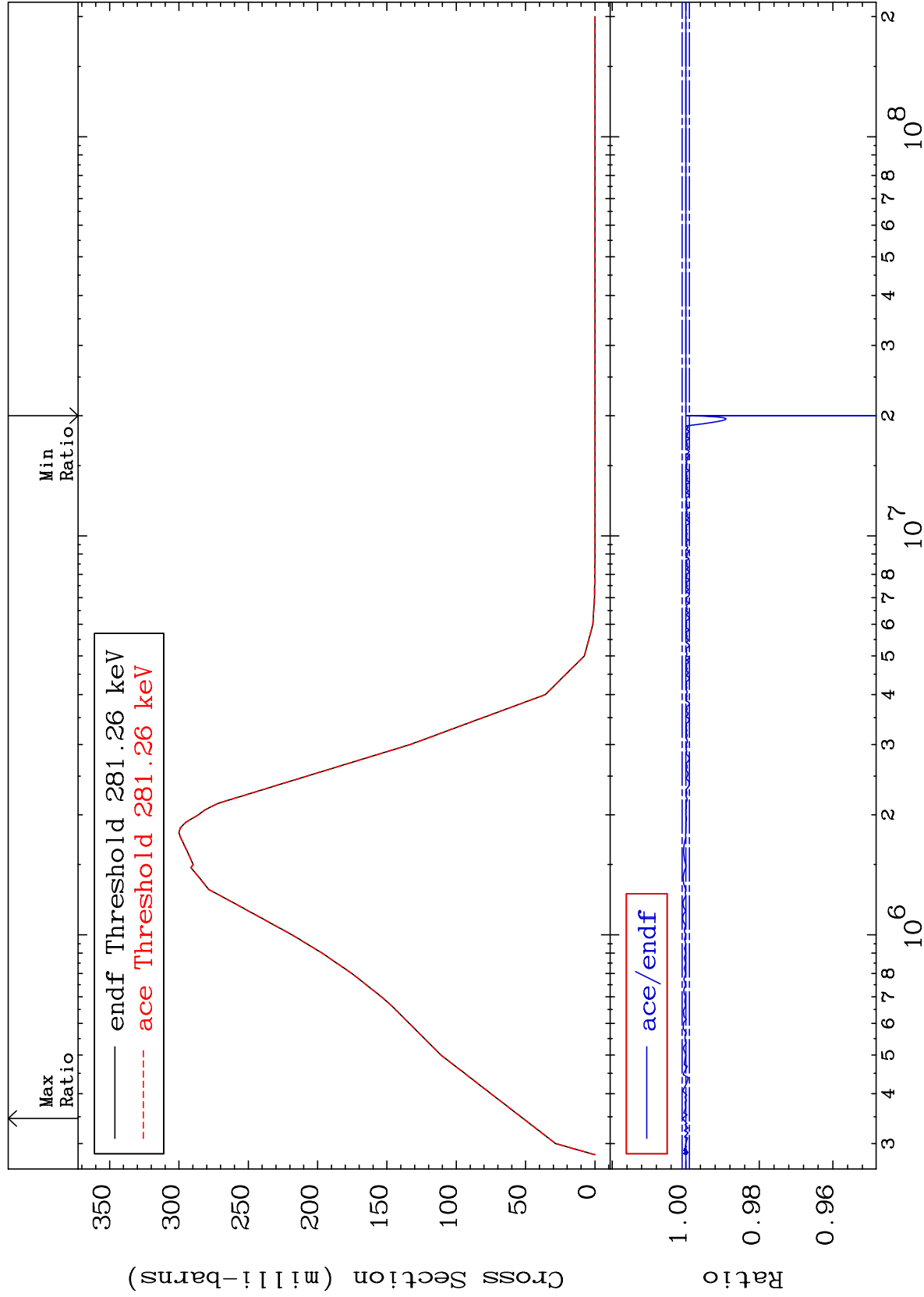
56-Ba-137
-100.0 To 0.290 %



MAT 5646

279.2 keV (n,n') Level
Cross Section

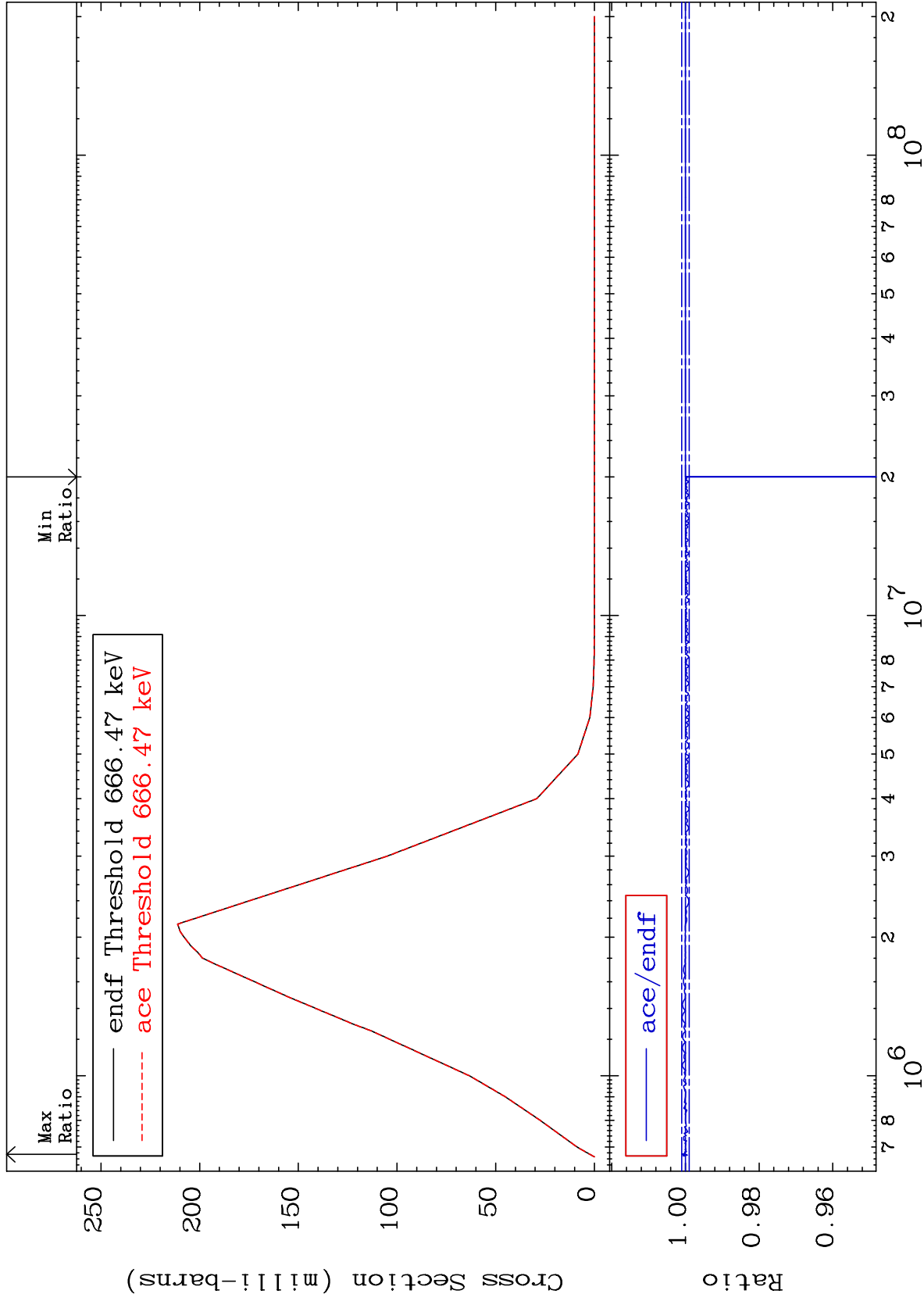
56-Ba-137
-100.0 To 0.093 %



MAT 5646

661.6 keV (n,n') Level
Cross Section

56-Ba-137
-100.0 To 0.094 %



9

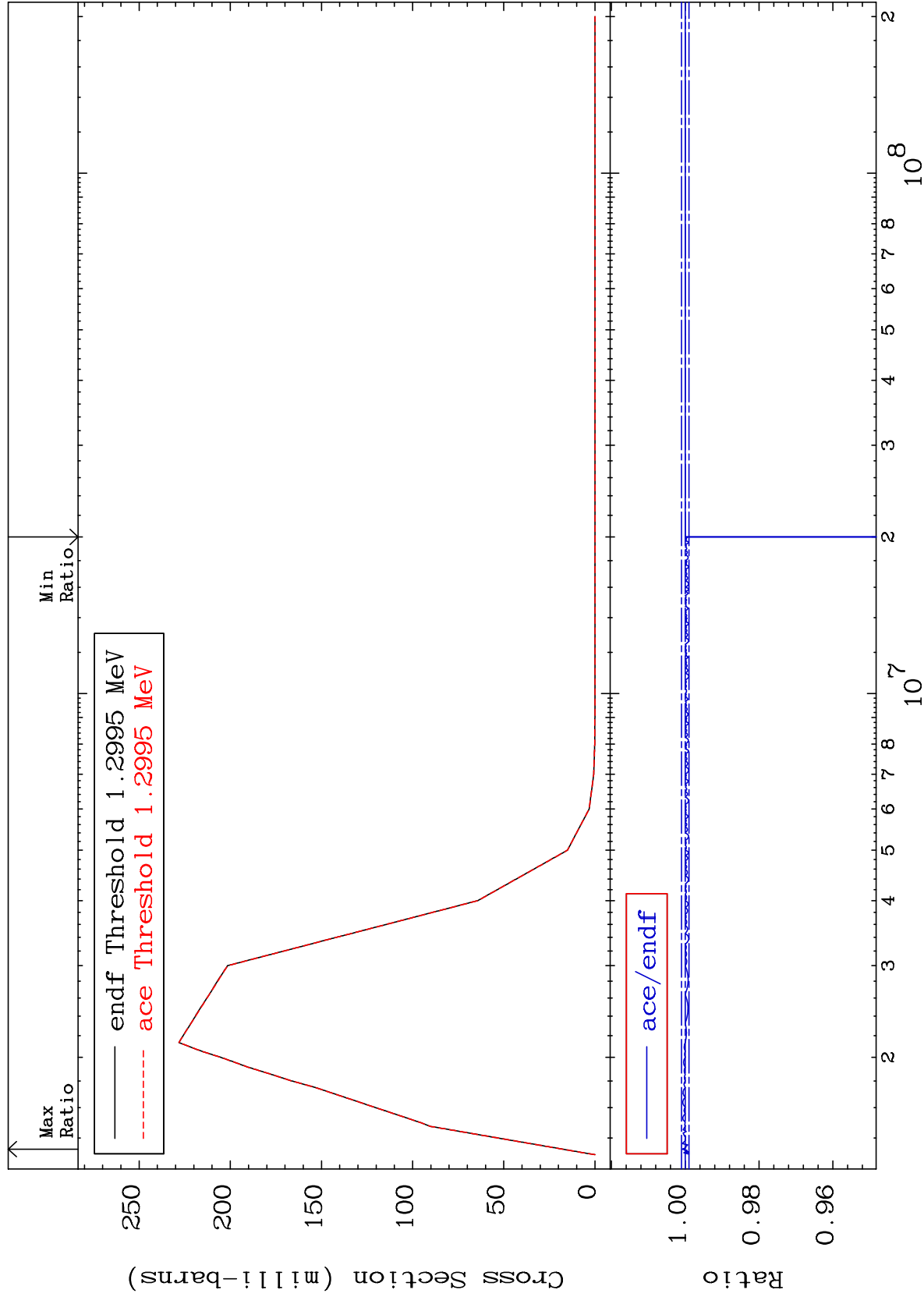
Incident Energy (eV)

56-Ba-137

MAT 5646

1.290 MeV (n,n') Level
Cross Section

56-Ba-137
-100.0 To 0.077 %

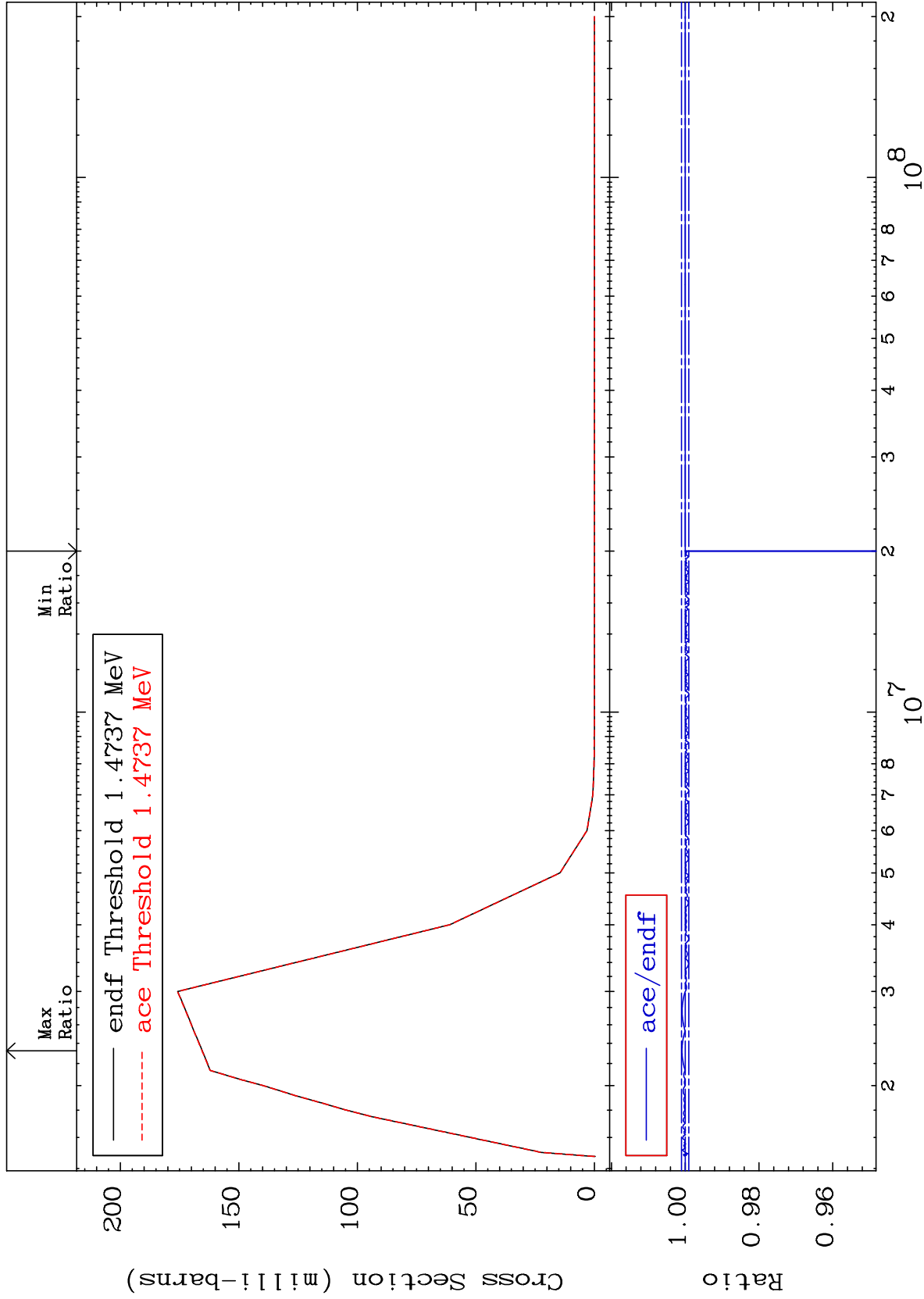


10

Incident Energy (eV)

56-Ba-137

MAT 5646 1.463 MeV (n,n') Level 56-Ba-137
 Cross Section -100.0 To 0.088 %

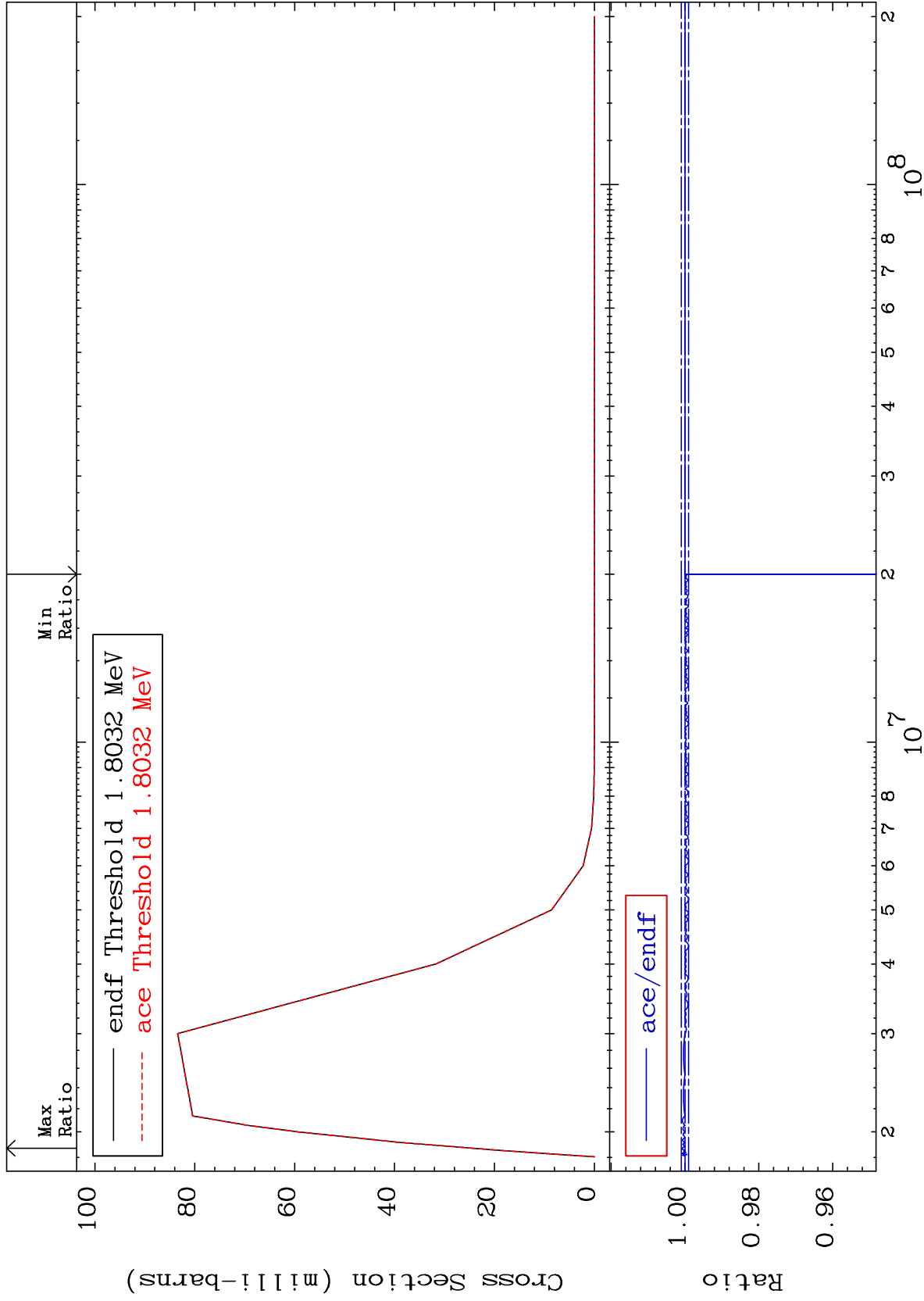


11 Incident Energy (eV) 56-Ba-137

MAT 5646

1.790 MeV (n,n') Level
Cross Section

56-Ba-137
-100.0 To 0.081 %



12

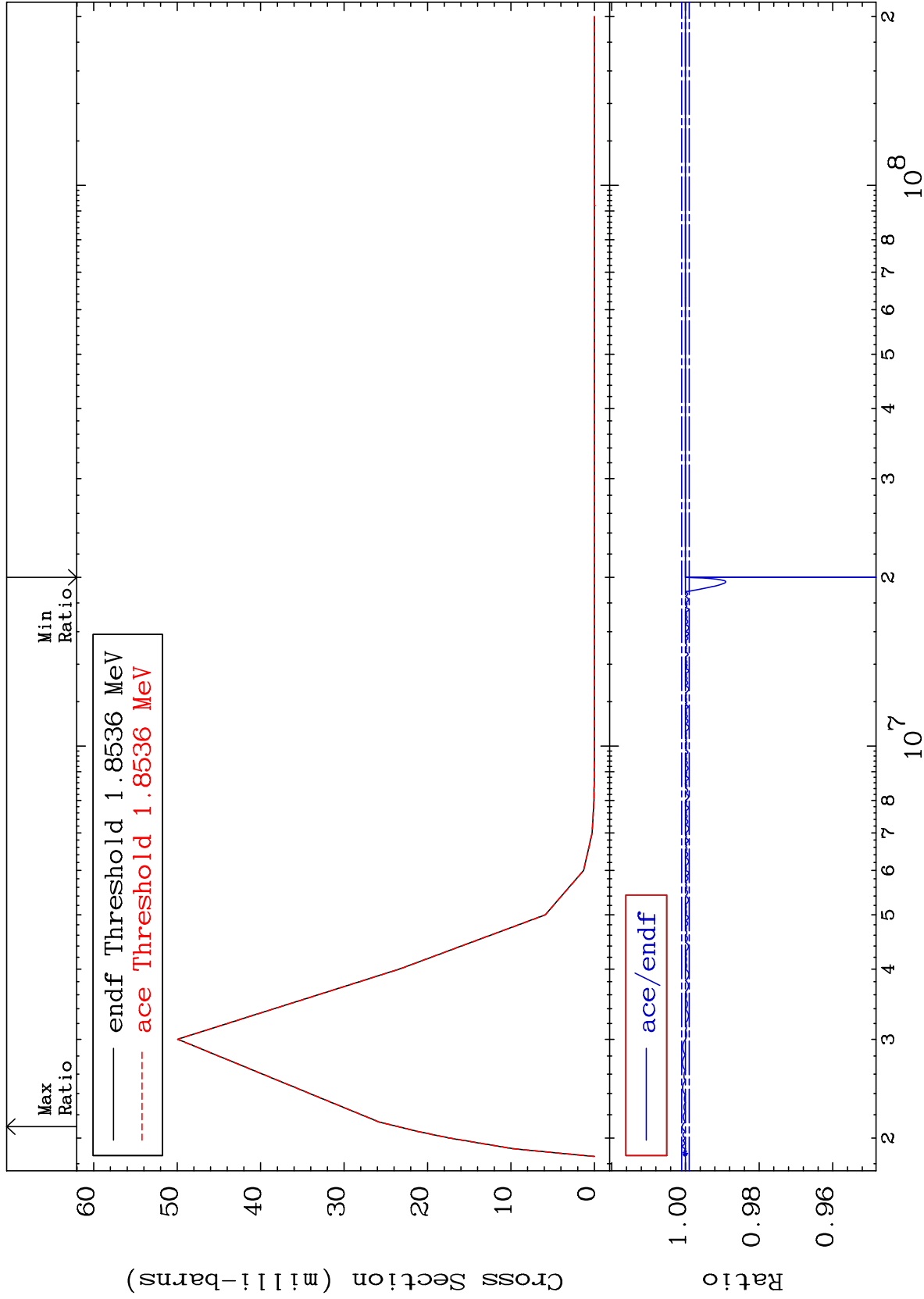
Incident Energy (eV)

56-Ba-137

MAT 5646

1.840 MeV (n,n') Level
Cross Section

56-Ba-137
-100.0 To 0.094 %



13

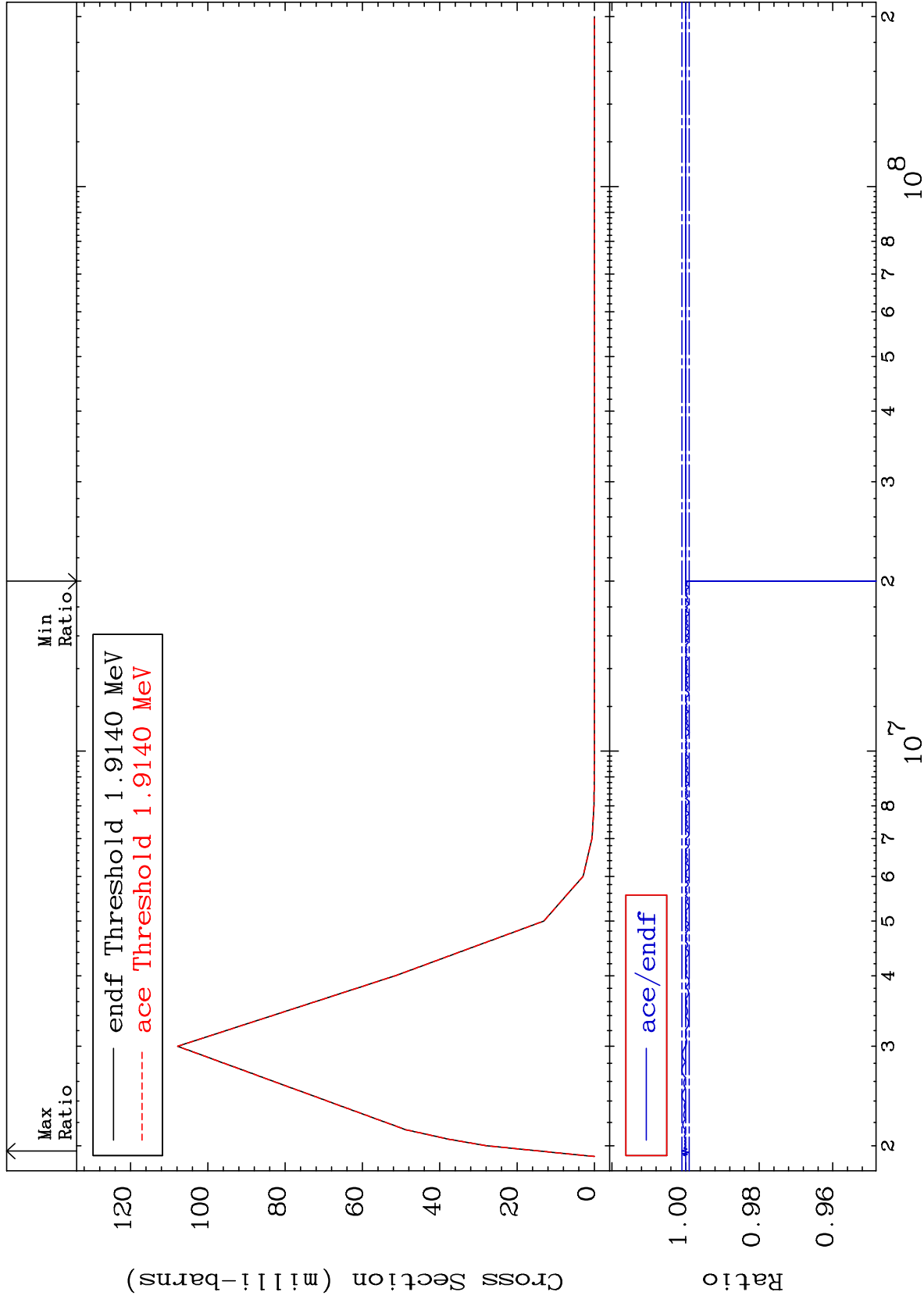
Incident Energy (eV)

56-Ba-137

MAT 5646

1.900 MeV (n,n') Level
Cross Section

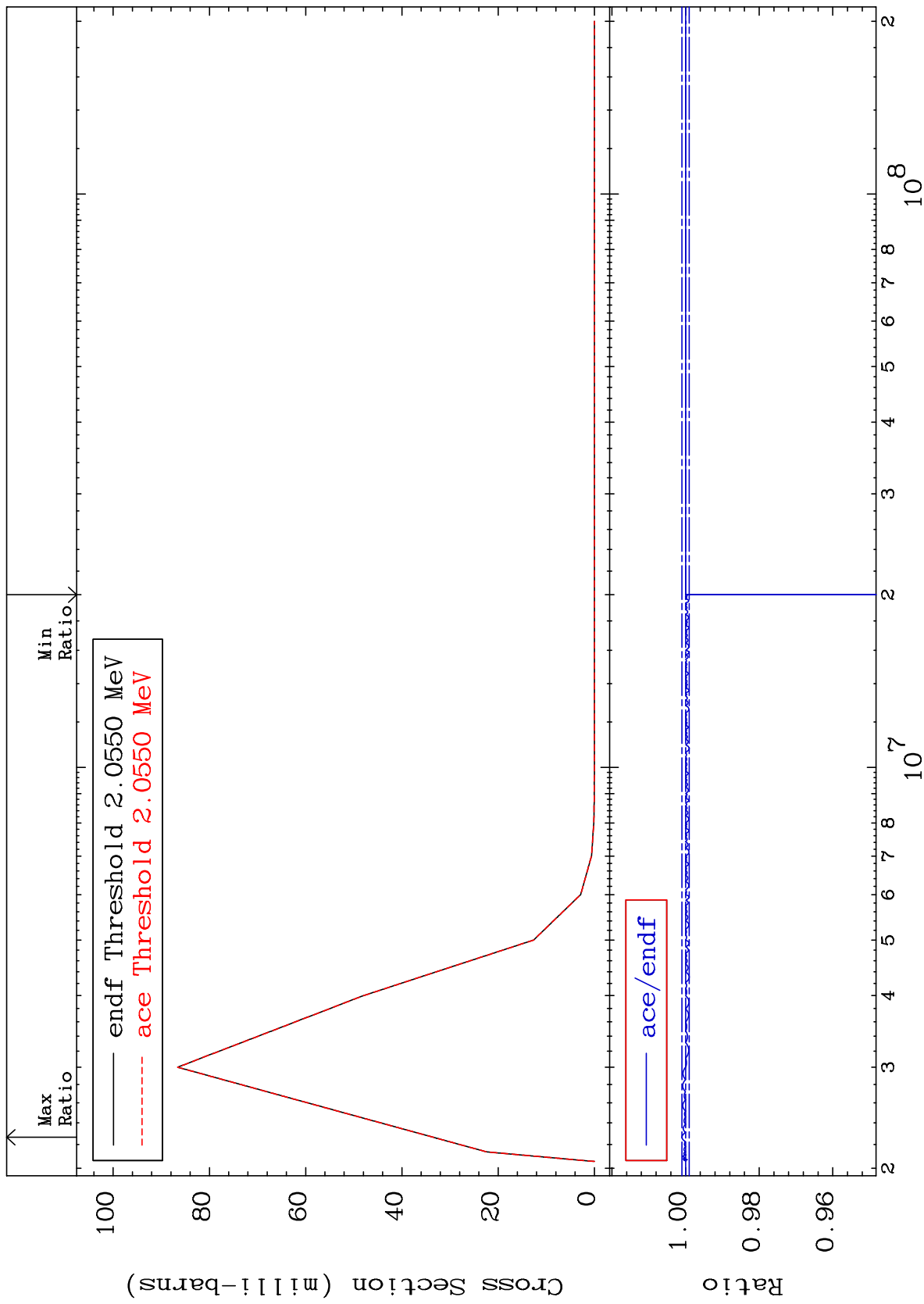
56-Ba-137
-100.0 To 0.098 %



MAT 5646

2.040 MeV (n,n') Level
Cross Section

56-Ba-137
-100.0 To 0.098 %



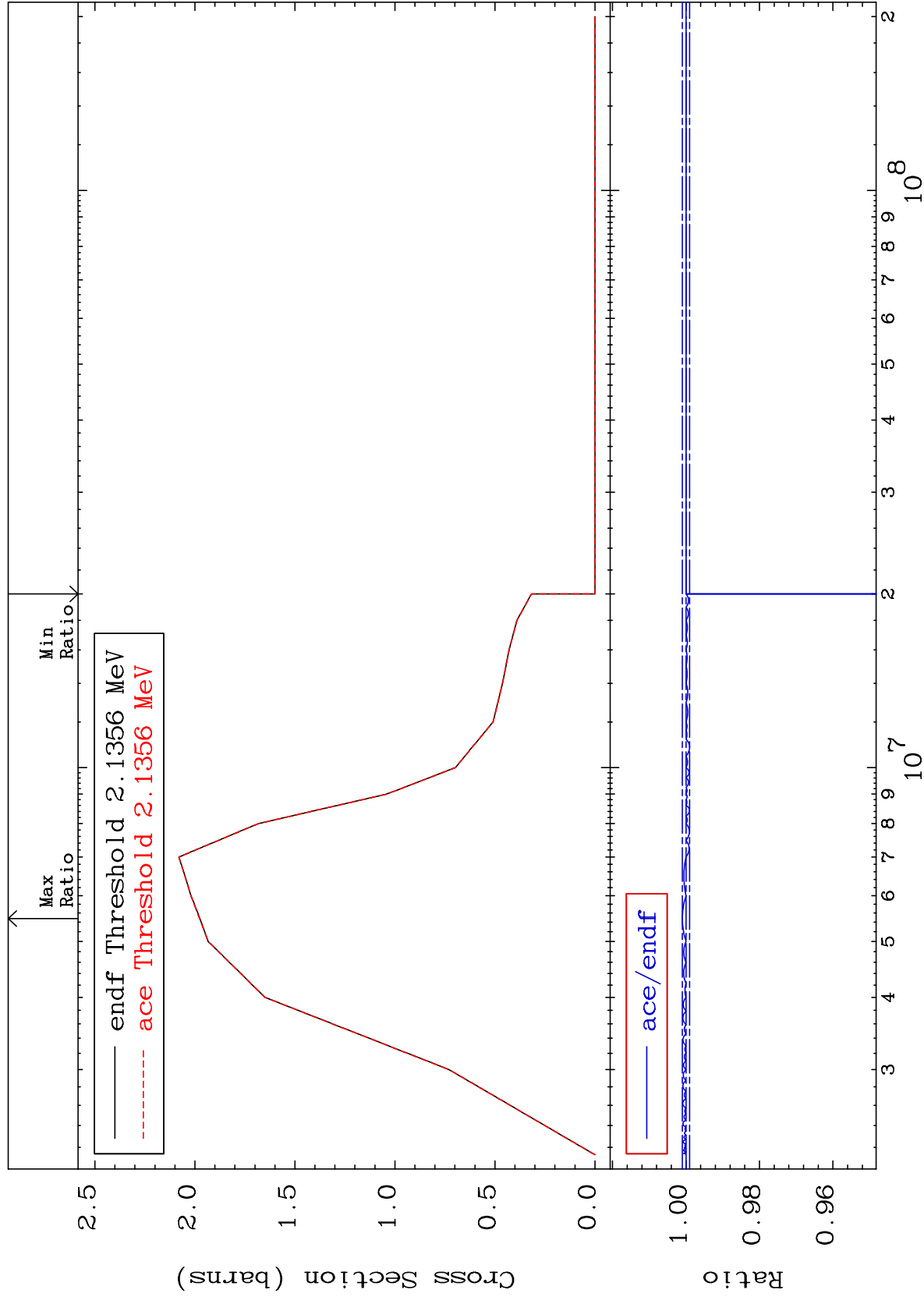
15

56-Ba-137

MAT 5646

(n, n') Continuum
Cross Section

56-Ba-137
-100.0 To 0.099 %



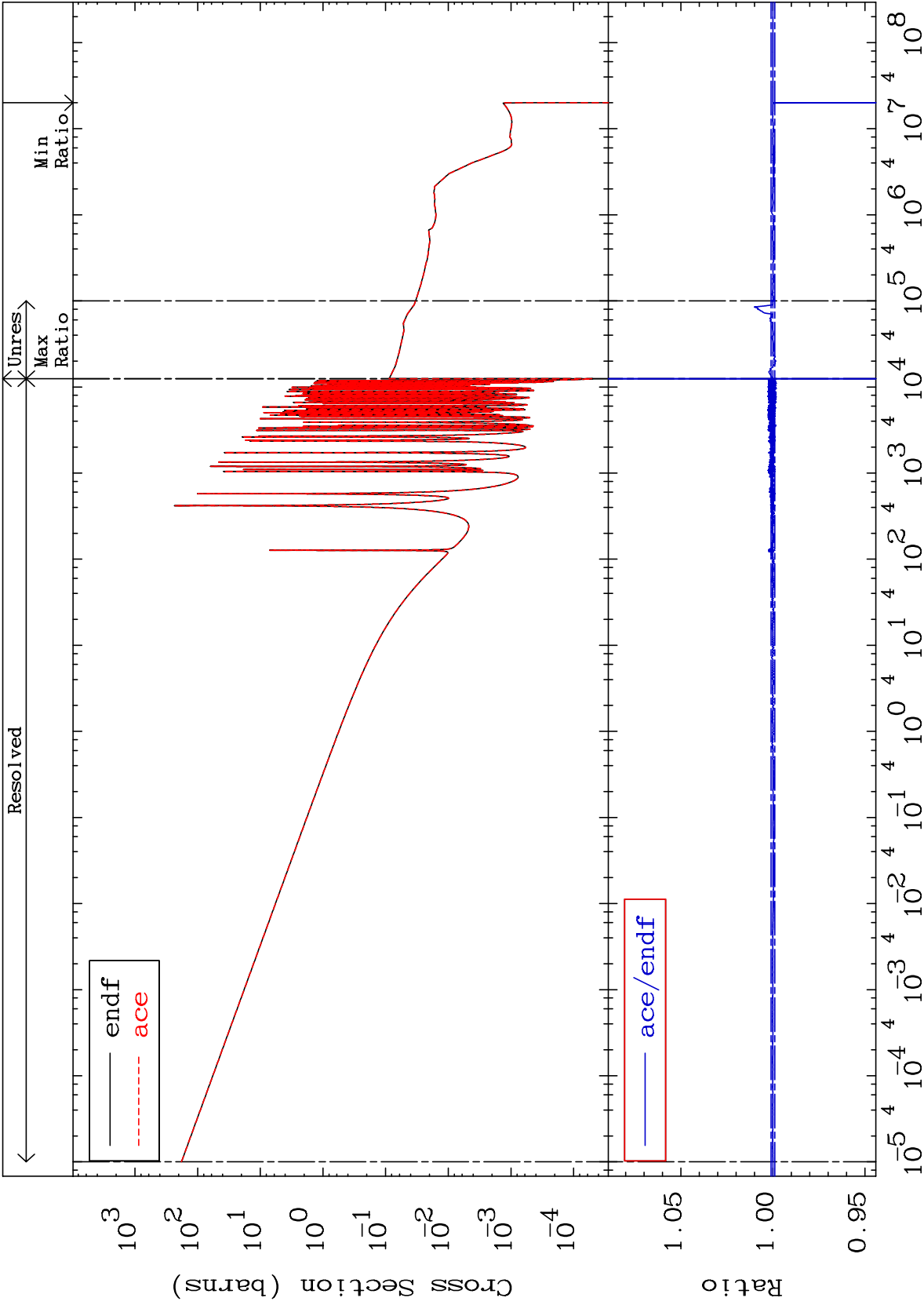
16

56-Ba-137

MAT 5646

(n, γ)
Cross Section

56-Ba-137
-56.68 To 9999. %



17

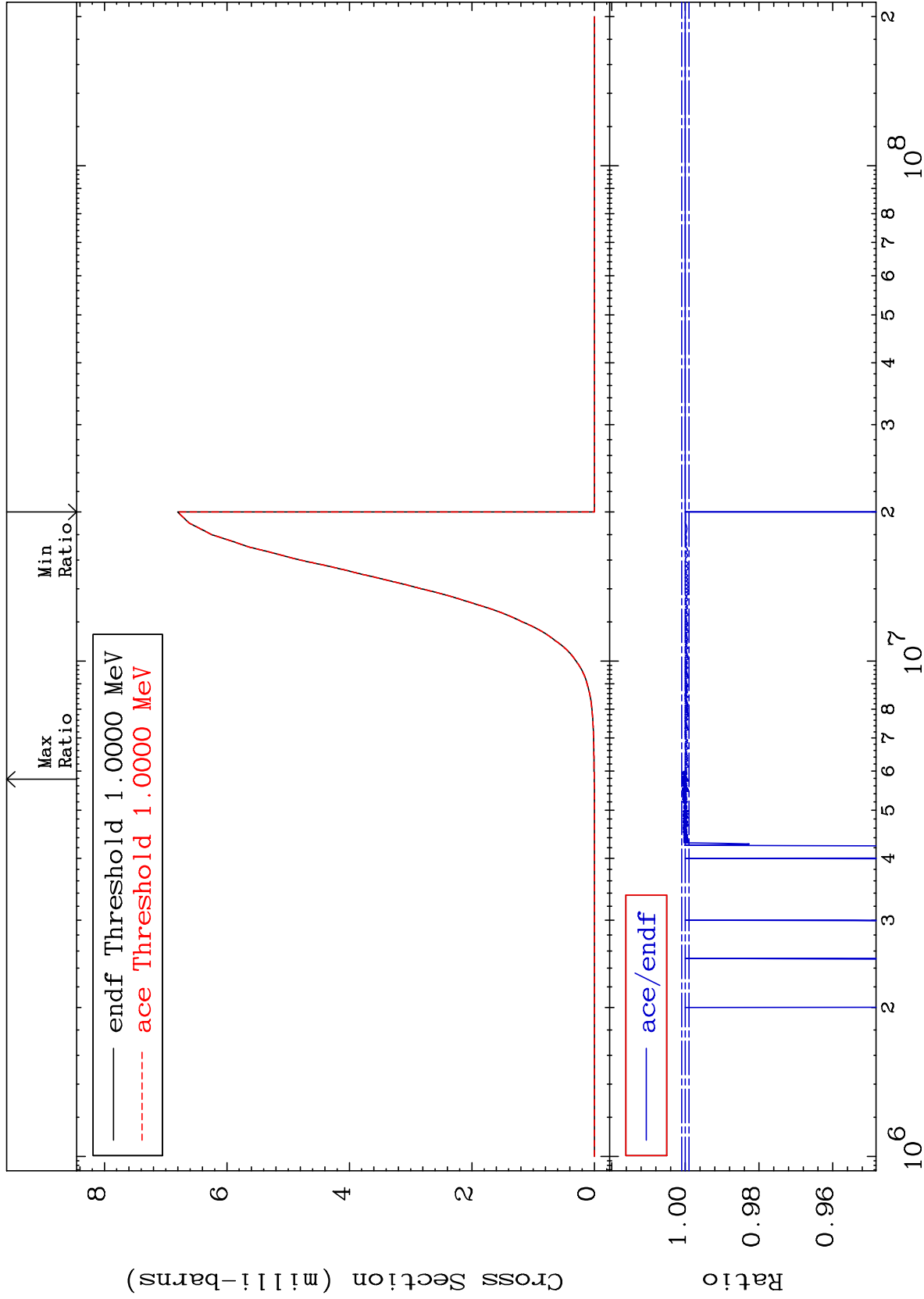
Incident Energy (eV)

56-Ba-137

MAT 5646

(n,p)
Cross Section

56-Ba-137
-100.0 To 0.091 %



18

Incident Energy (eV)

56-Ba-137

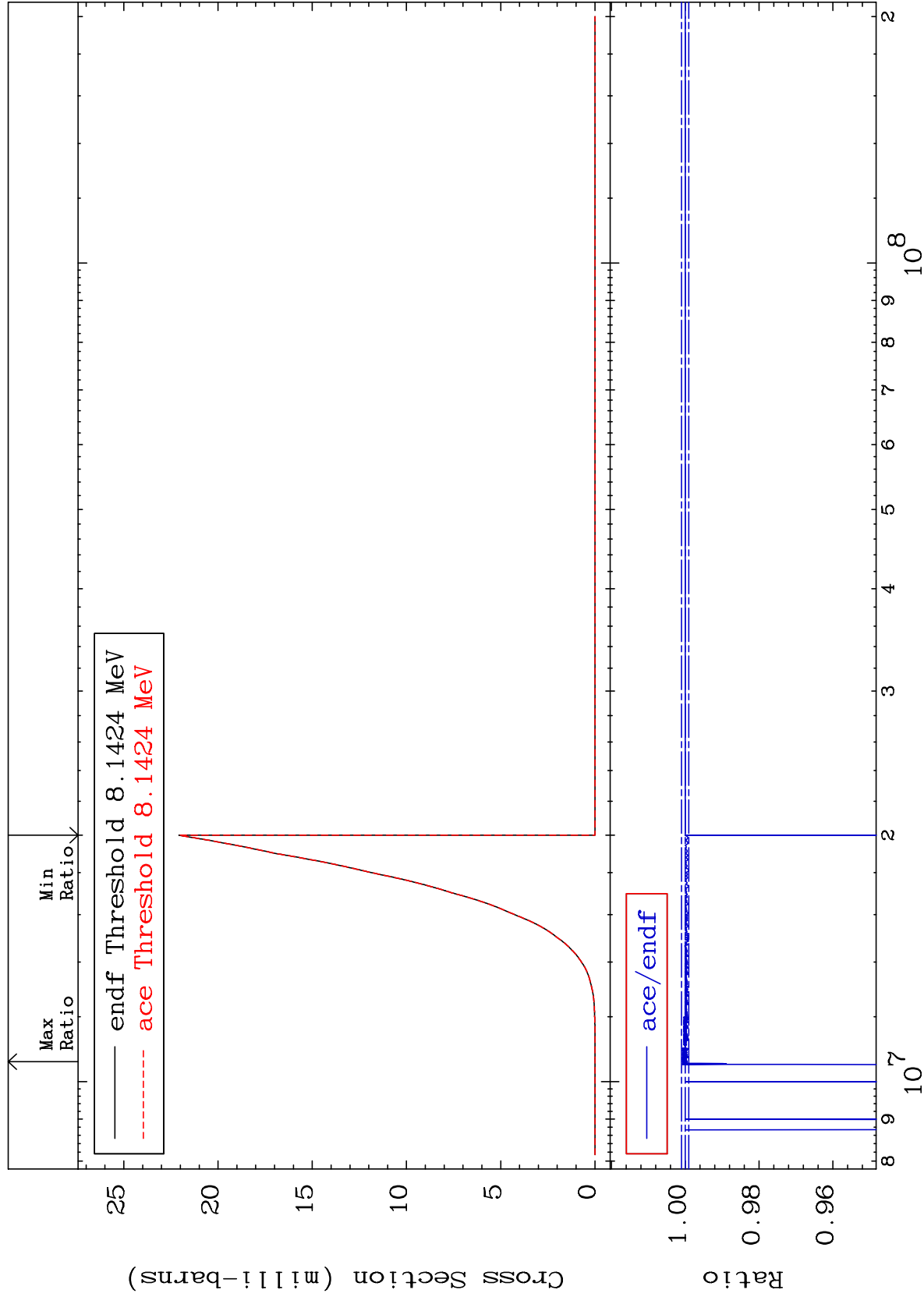
MAT 5646

(n, d)

56-Ba-137

Cross Section

-100.0 To 0.076 %



19

Incident Energy (eV)

56-Ba-137

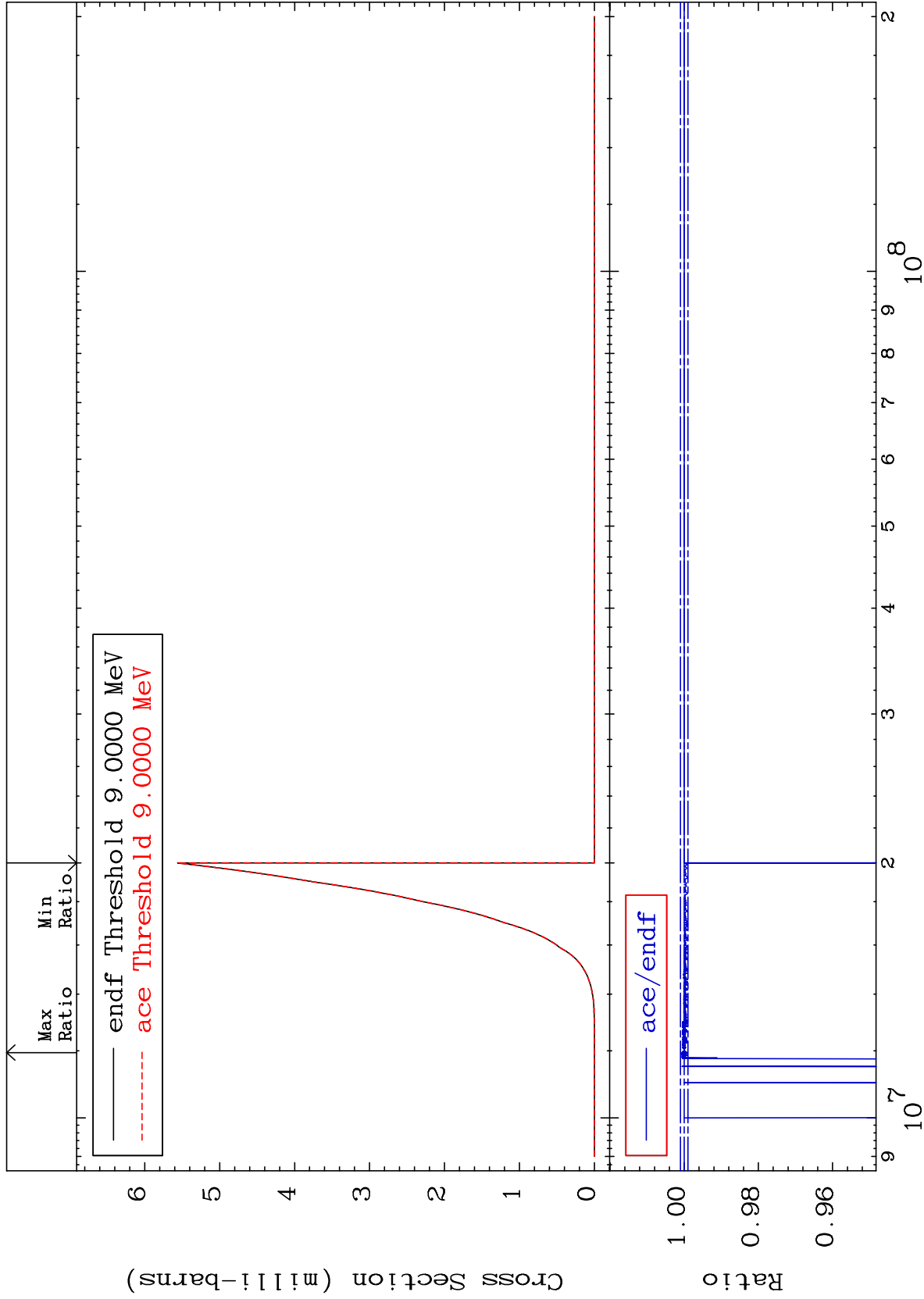
MAT 5646

(n, t)

56-Ba-137

Cross Section

-100.0 To 0.061 %



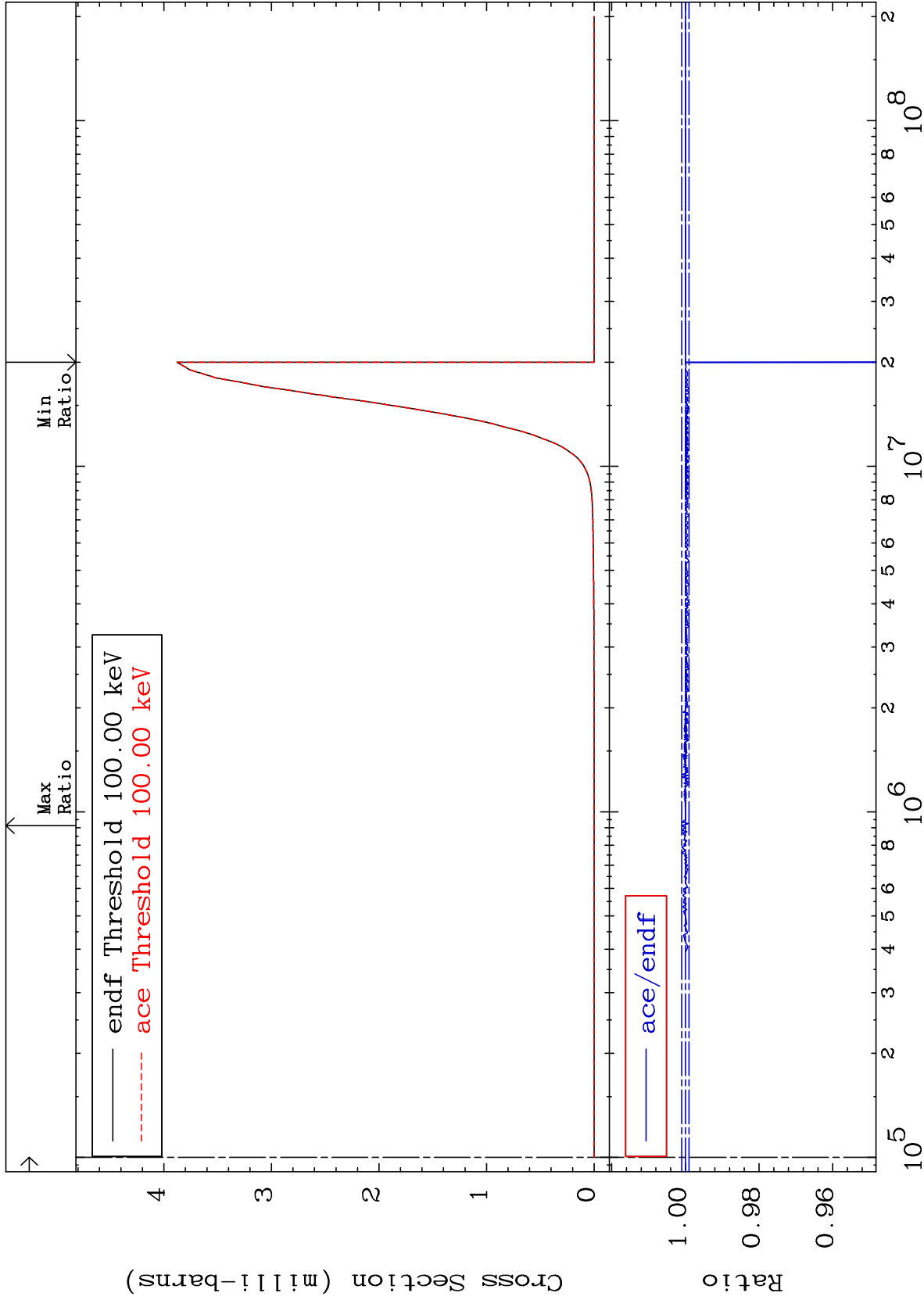
MAT 5646

(n, α)

56-Ba-137

Cross Section

-100.0 To 0.099 %



21

56-Ba-137