

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

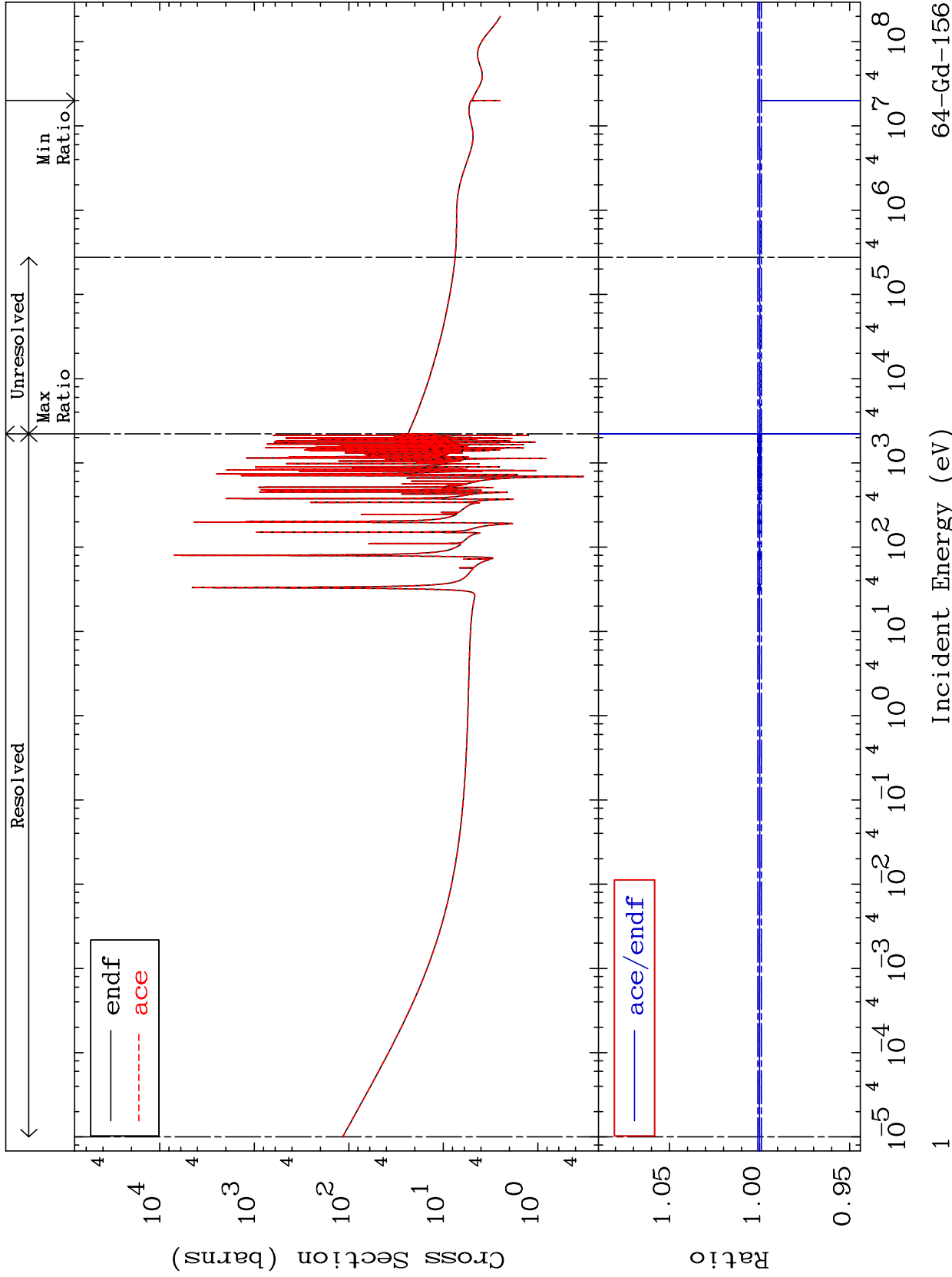
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6437

Total
Cross Section

64-Gd-156
-50.85 To 64.24 %

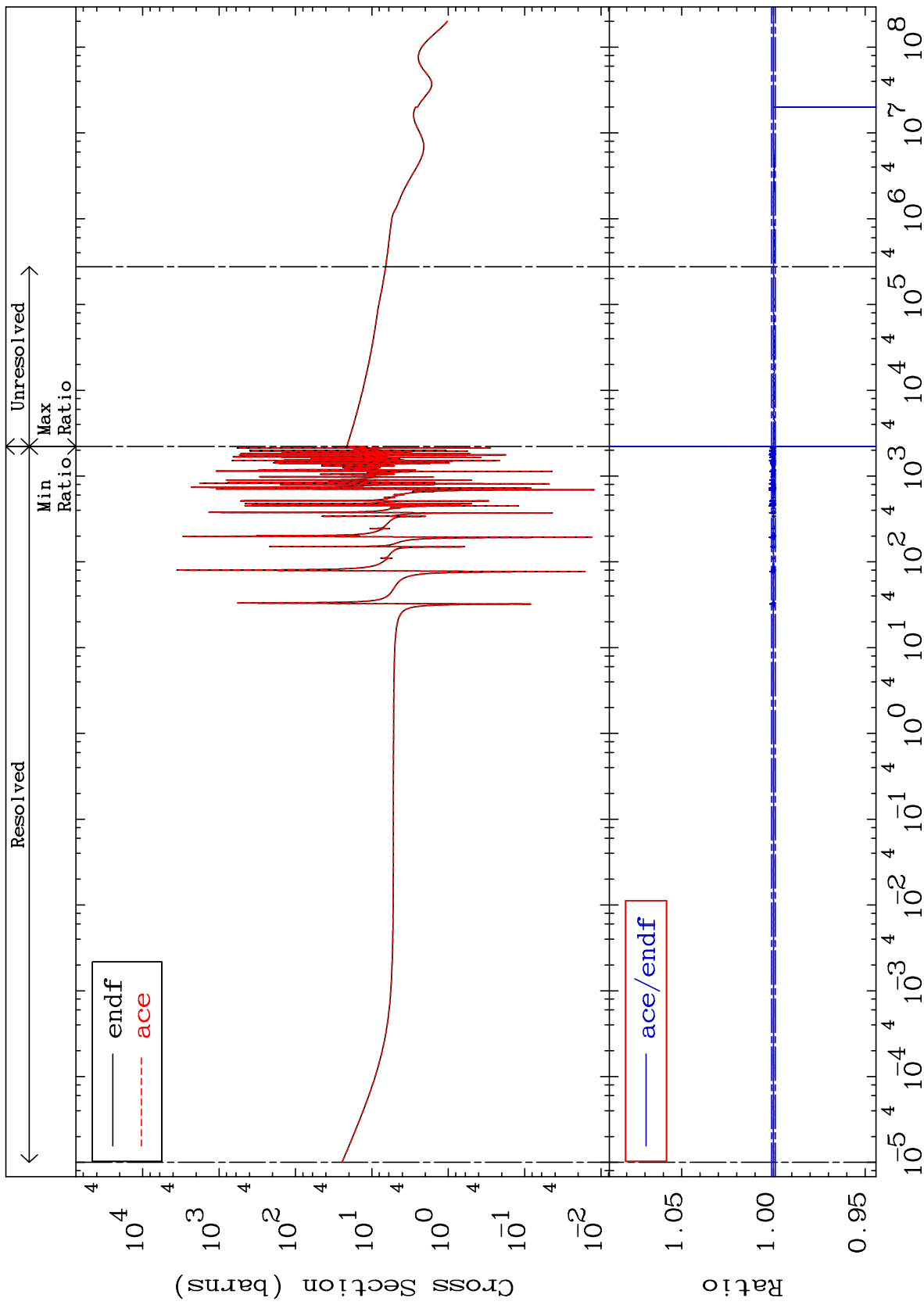


64-Gd-156

MAT 6437

Elastic
Cross Section

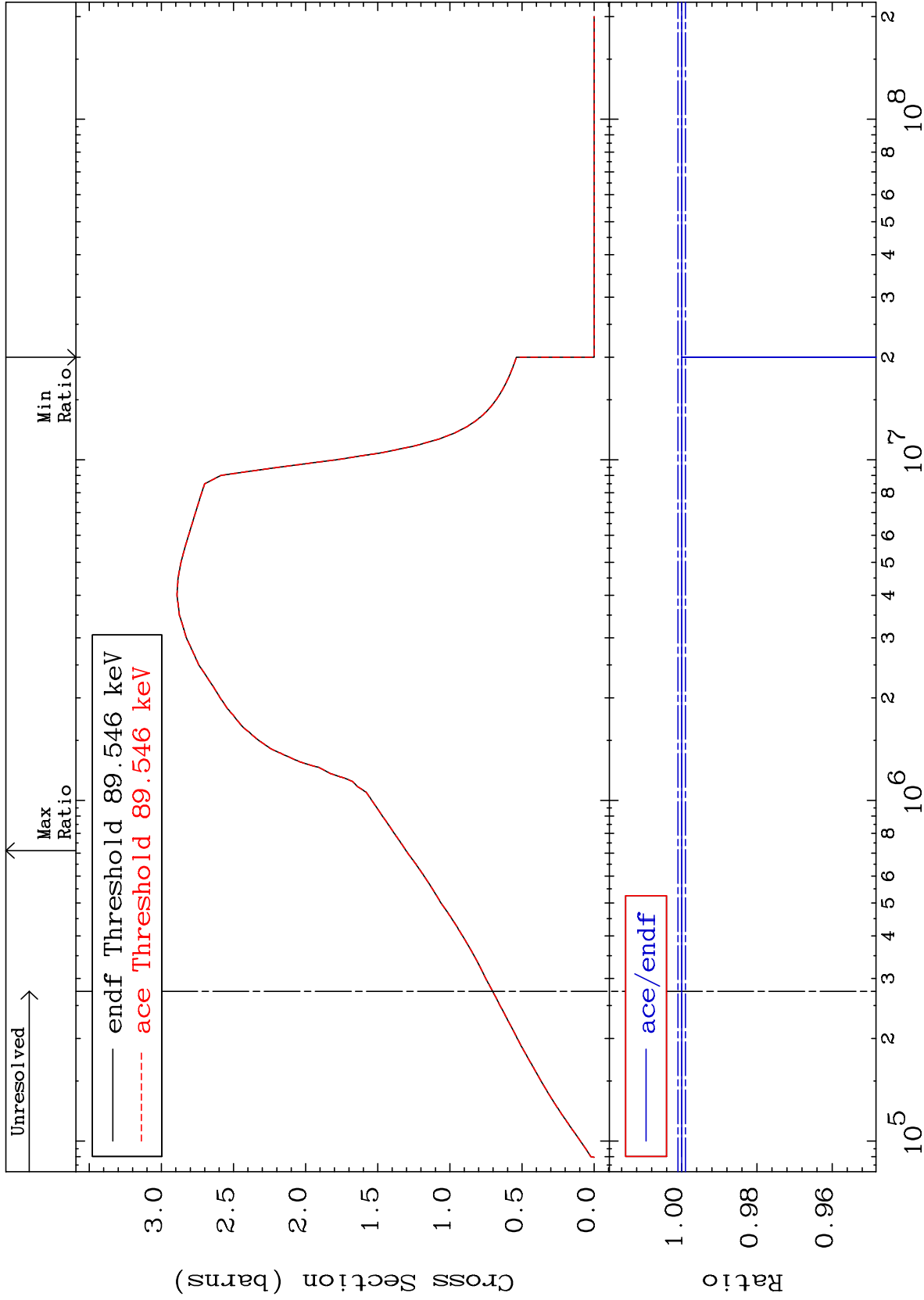
64-Gd-156
-10.04 To 50.44 %



MAT 6437

Inelastic
Cross Section

64-Gd-156
-100.0 To 0.000 %



64-Gd-156

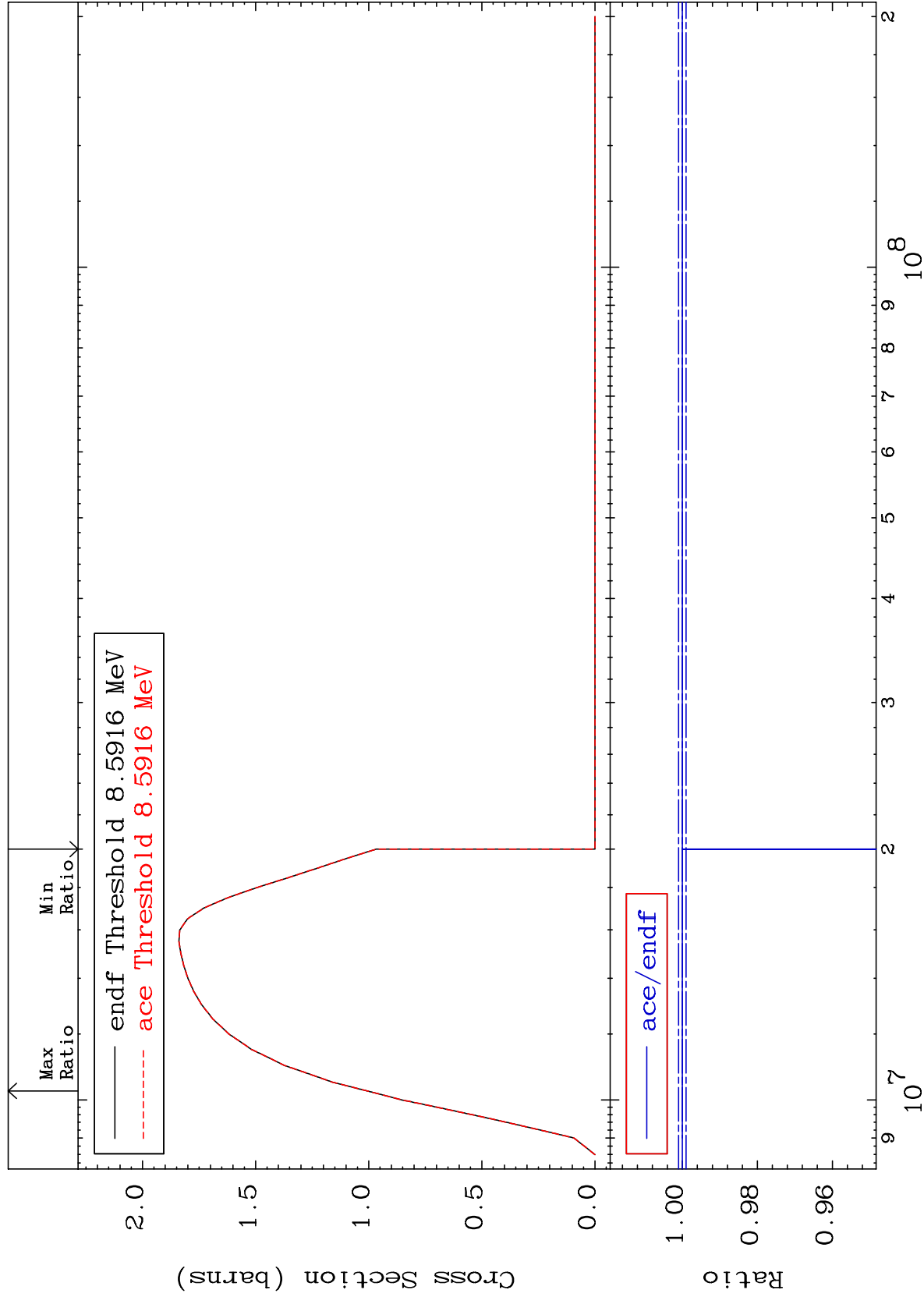
MAT 6437

(n, 2n)

64-Gd-156

Cross Section

-100.0 To 0.000 %



4

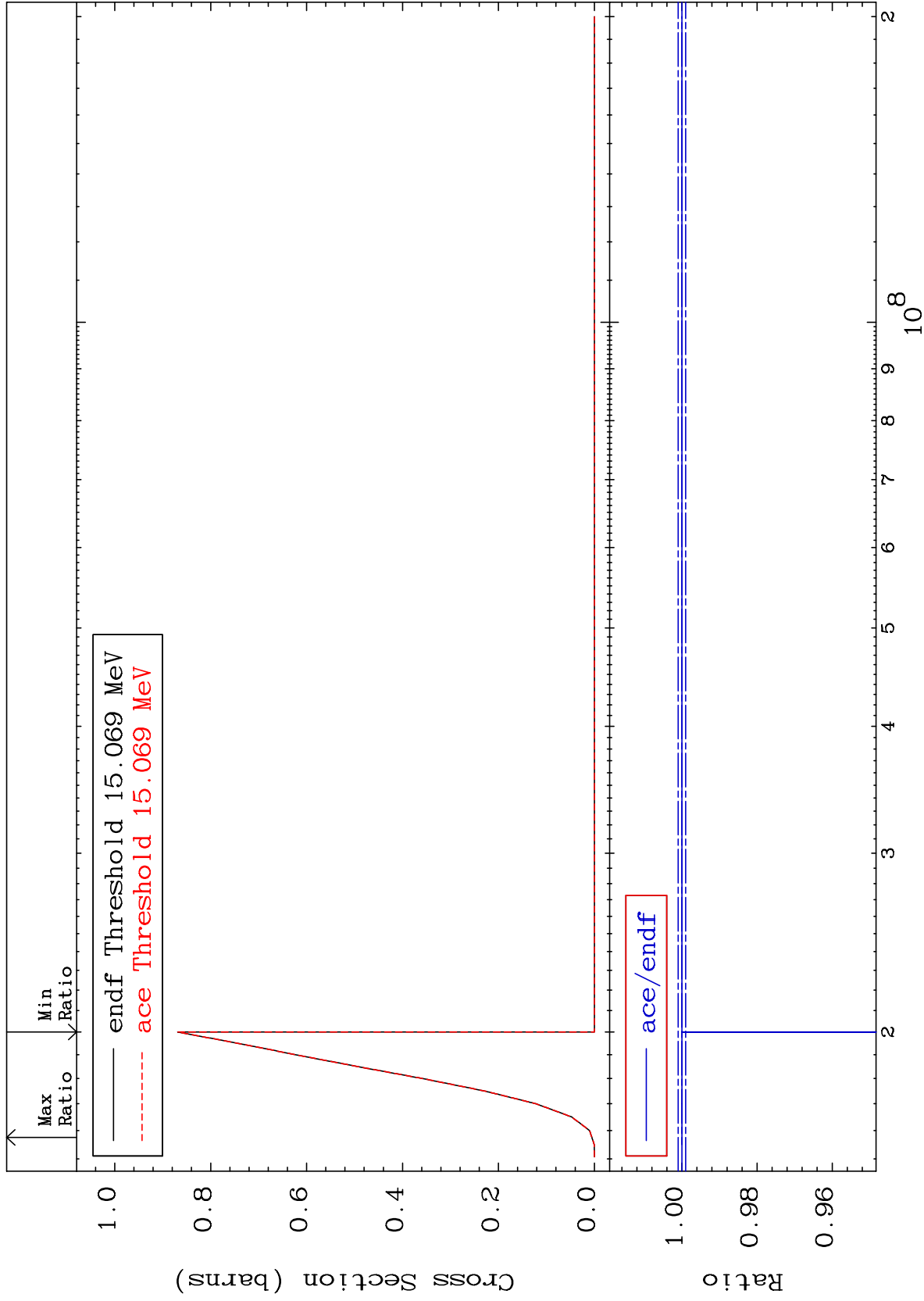
Incident Energy (eV)

64-Gd-156

MAT 6437

(n, 3n)
Cross Section

64-Gd-156
-100.0 To 0.000 %



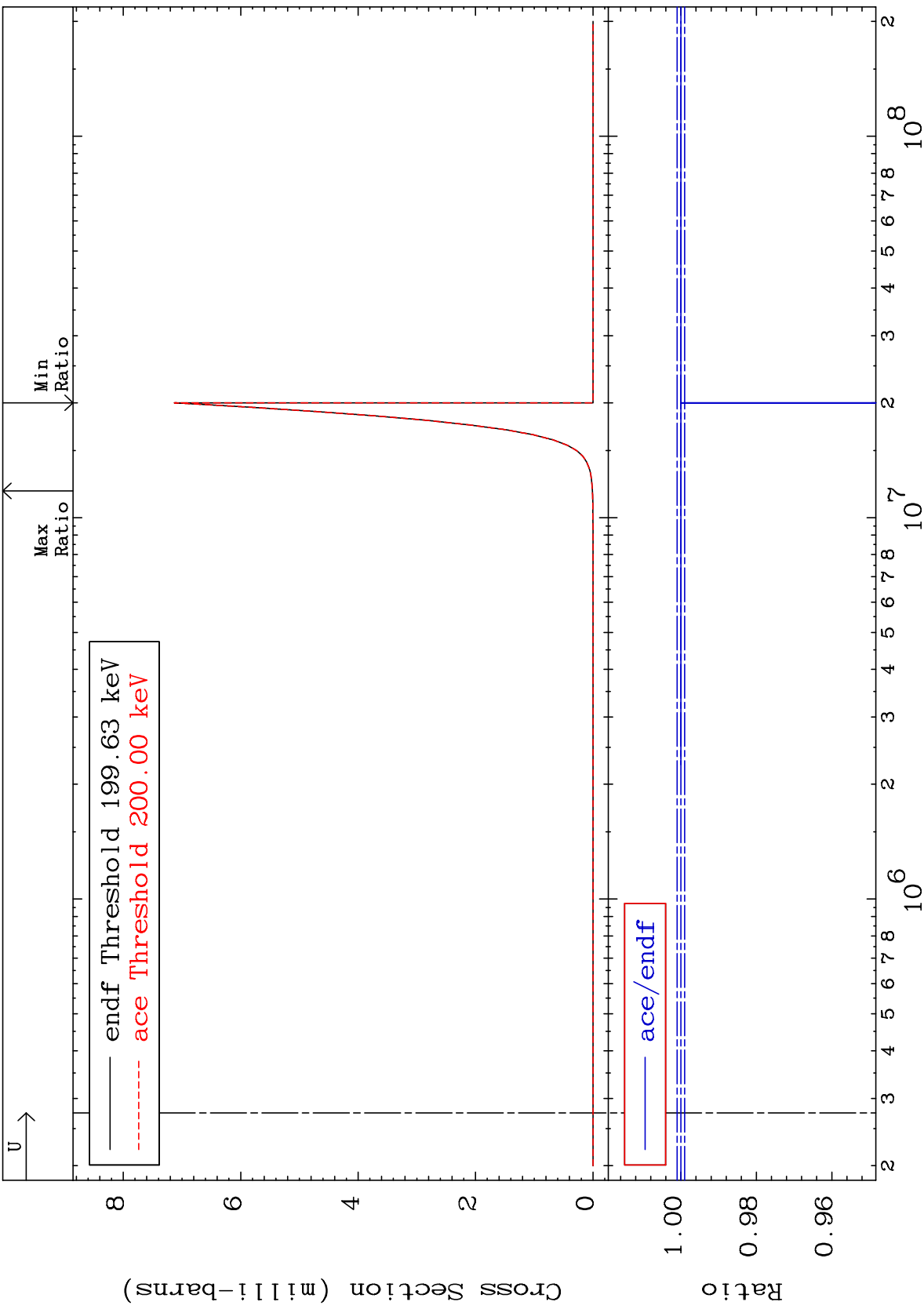
MAT 6437

$(n, n') \alpha$

64-Gd-156

Cross Section

-100.0 To 0.000 %



6

Incident Energy (eV)

64-Gd-156

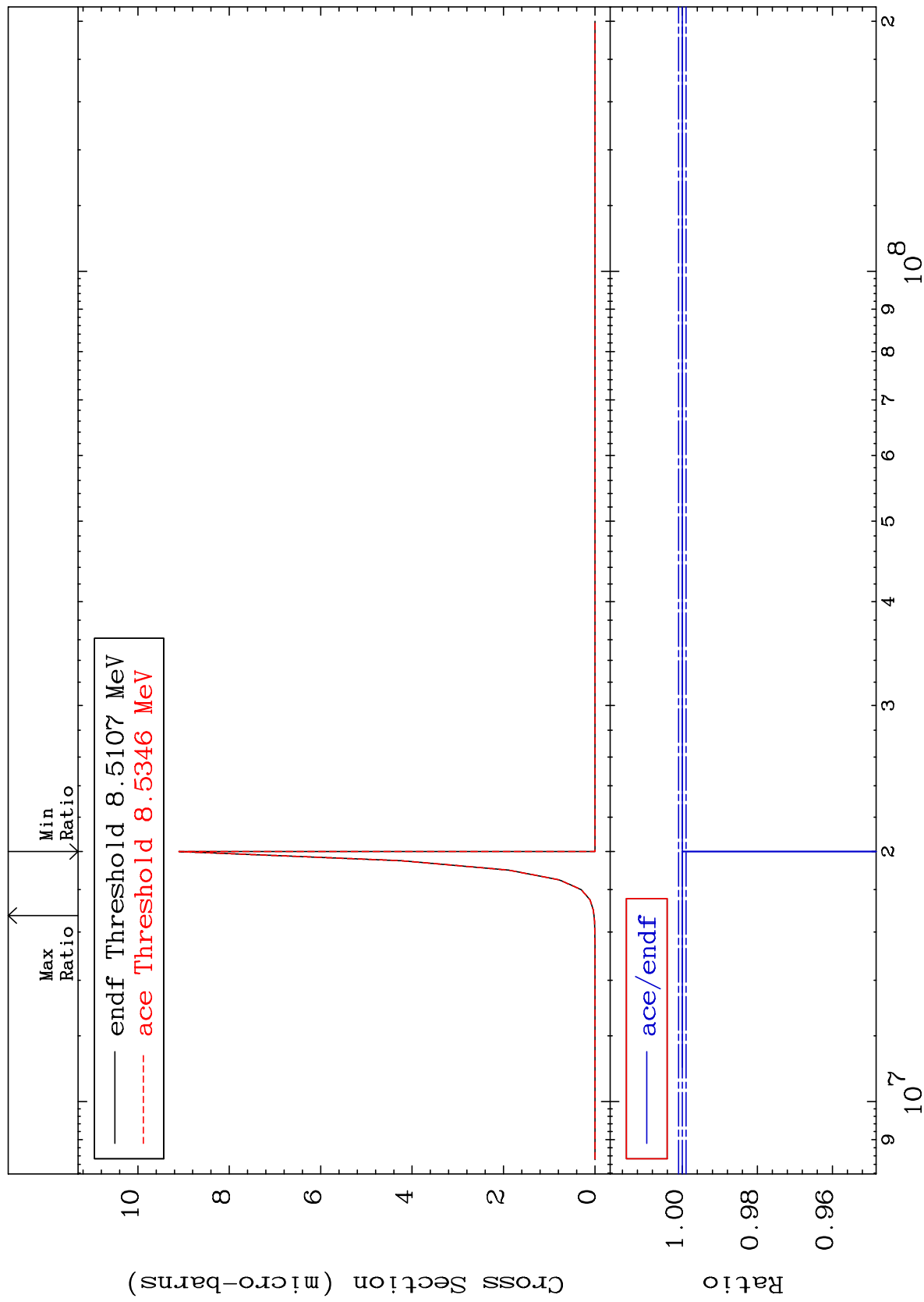
MAT 6437

(n,2n) α

64-Gd-156

Cross Section

-100.0 To 0.000 %



7

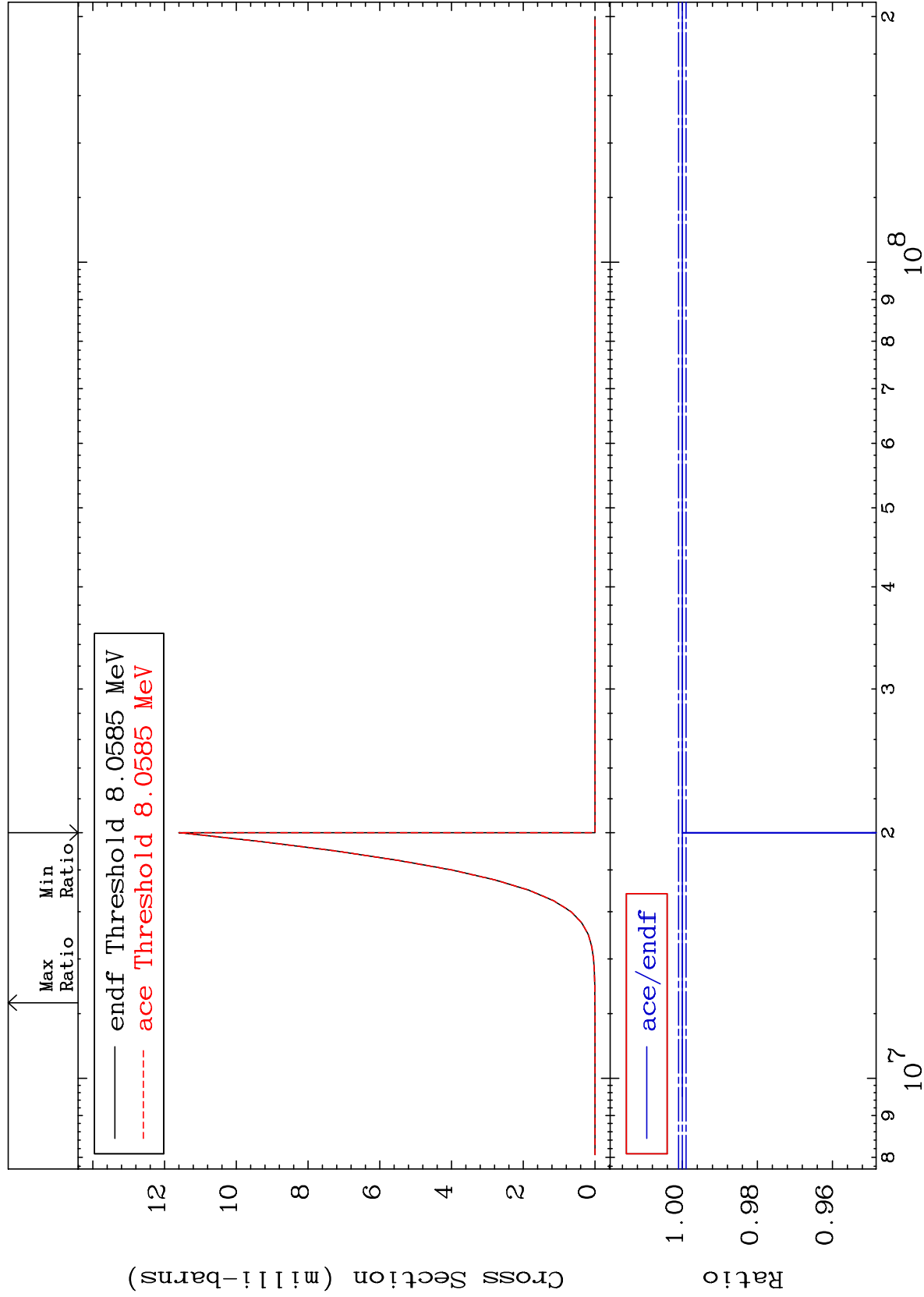
Incident Energy (eV)

64-Gd-156

MAT 6437

(n, n') p
Cross Section

64-Gd-156
-100.0 To 0.000 %



8

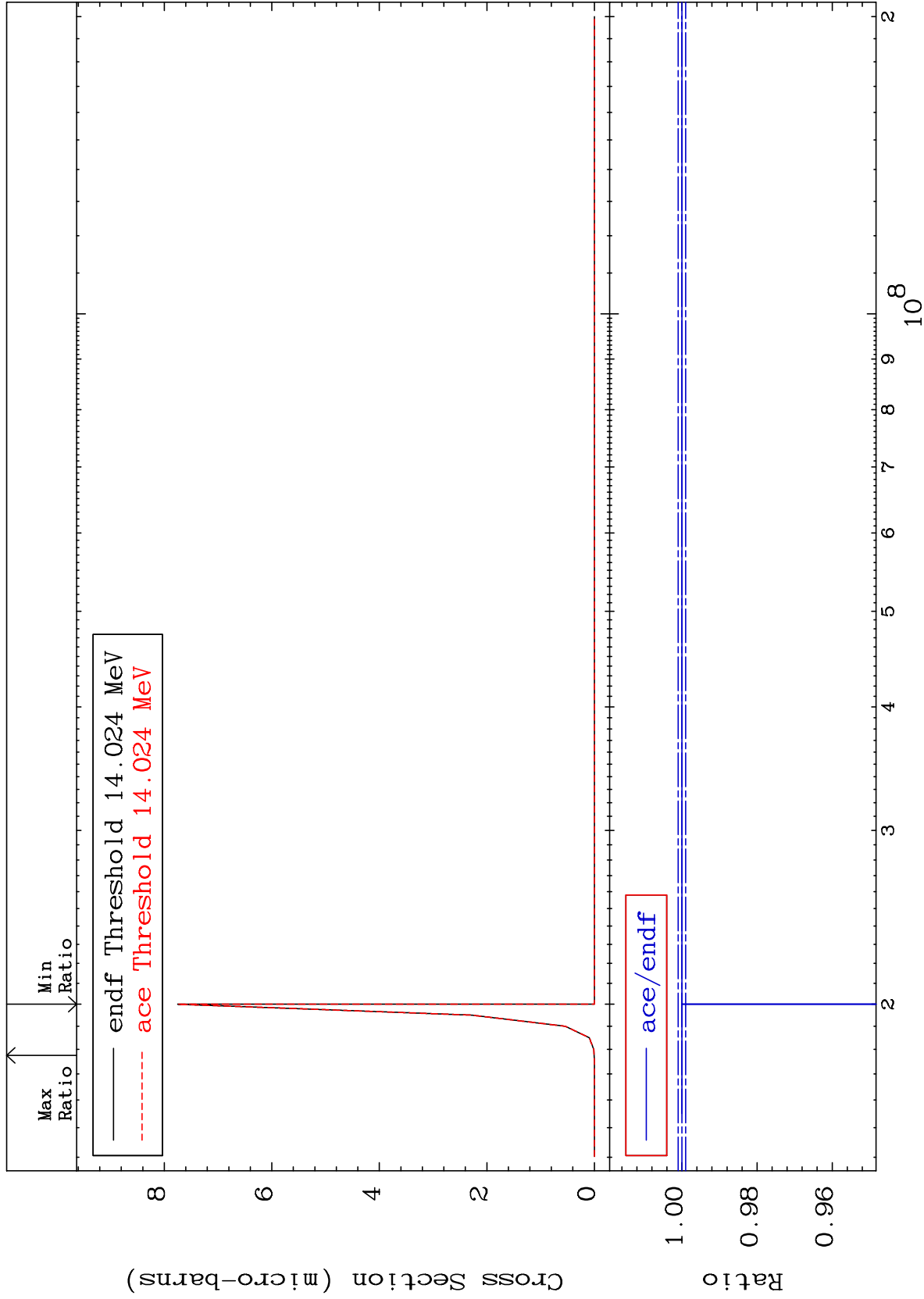
Incident Energy (eV)

64-Gd-156

MAT 6437

(n, n') d
Cross Section

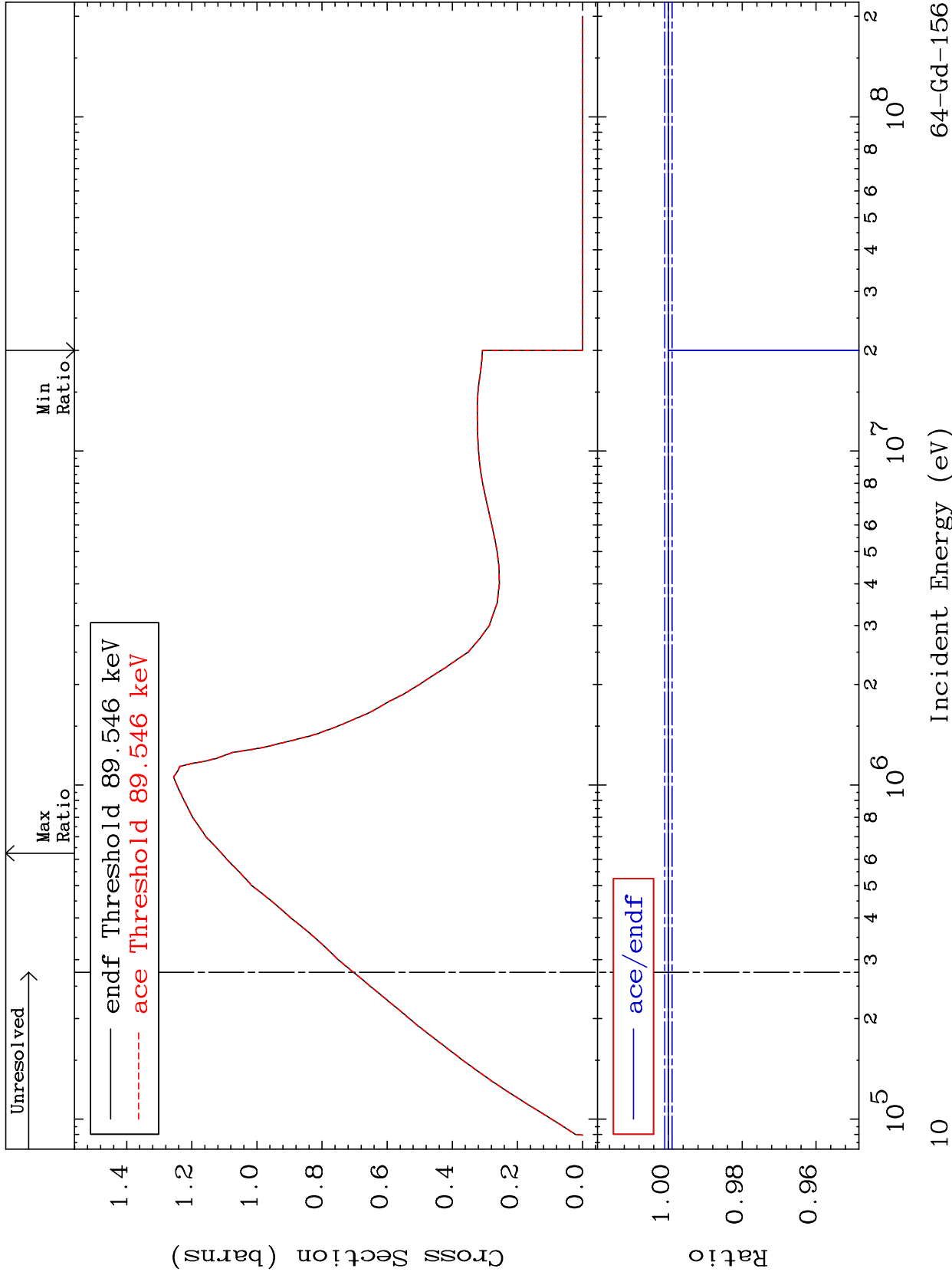
64-Gd-156
-100.0 To 0.000 %



MAT 6437

88.97 keV (n,n') Level
Cross Section

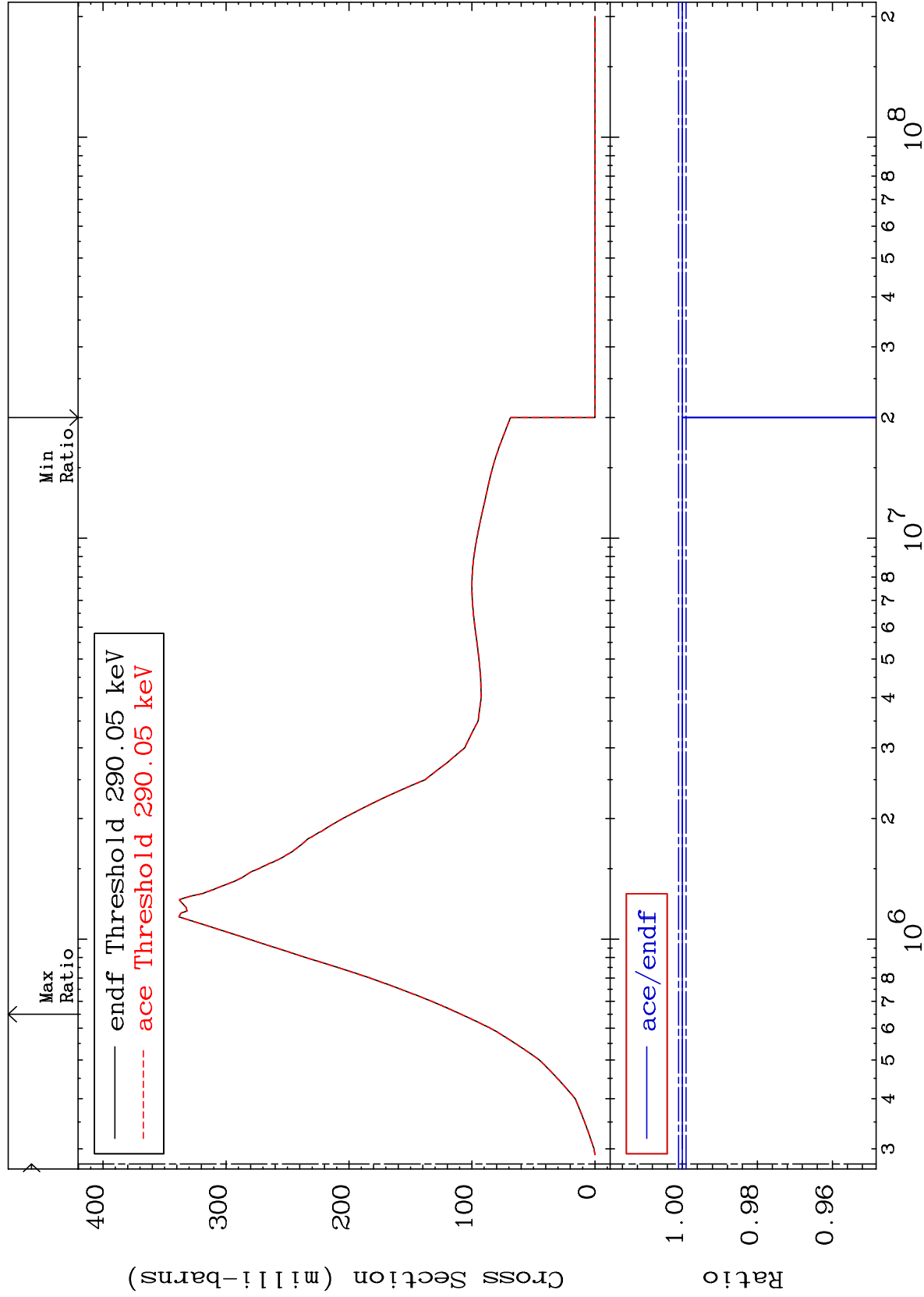
64-Gd-156
-100.0 To 0.000 %



MAT 6437

288.2 keV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



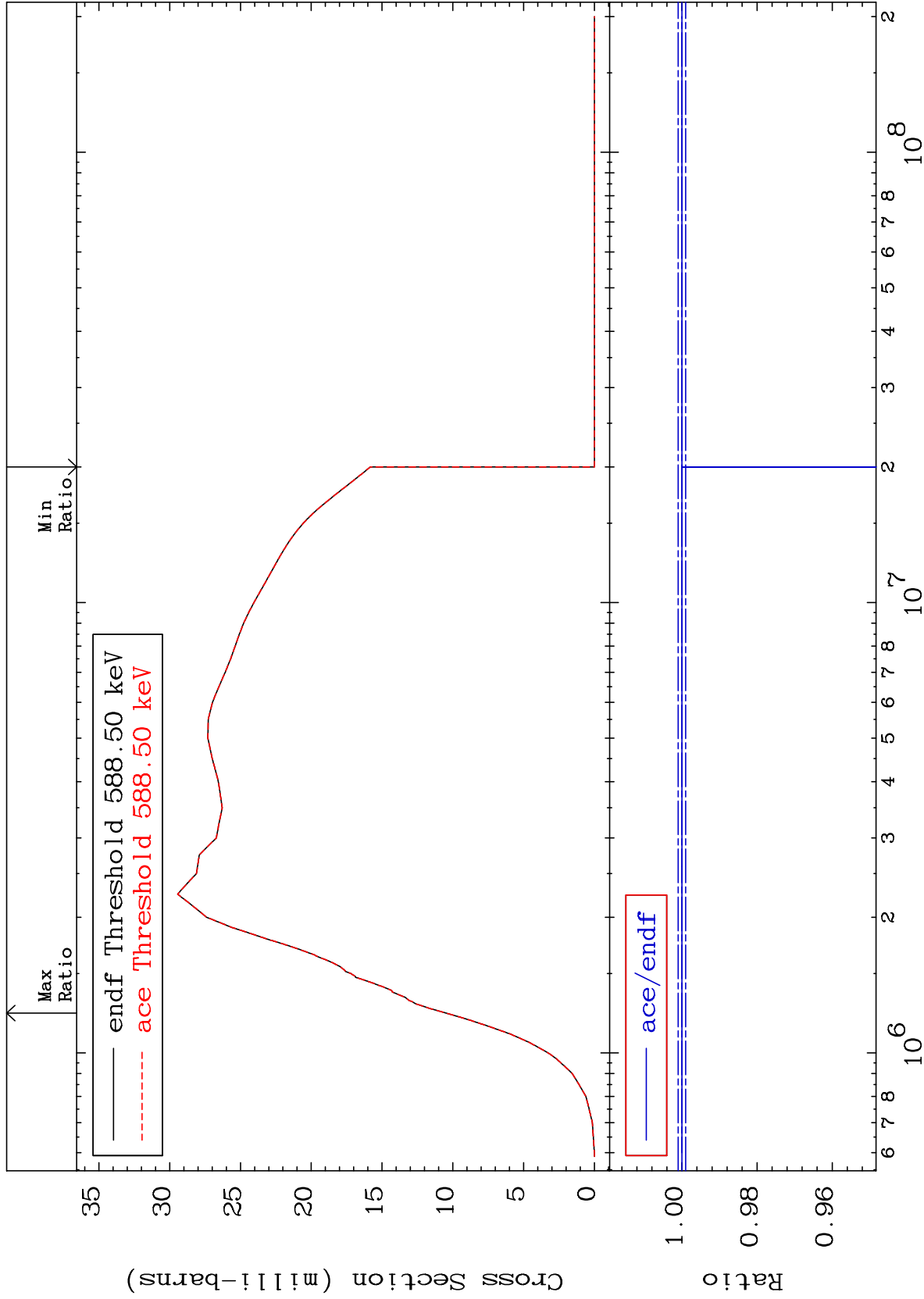
11

64-Gd-156

MAT 6437

584.7 keV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



12

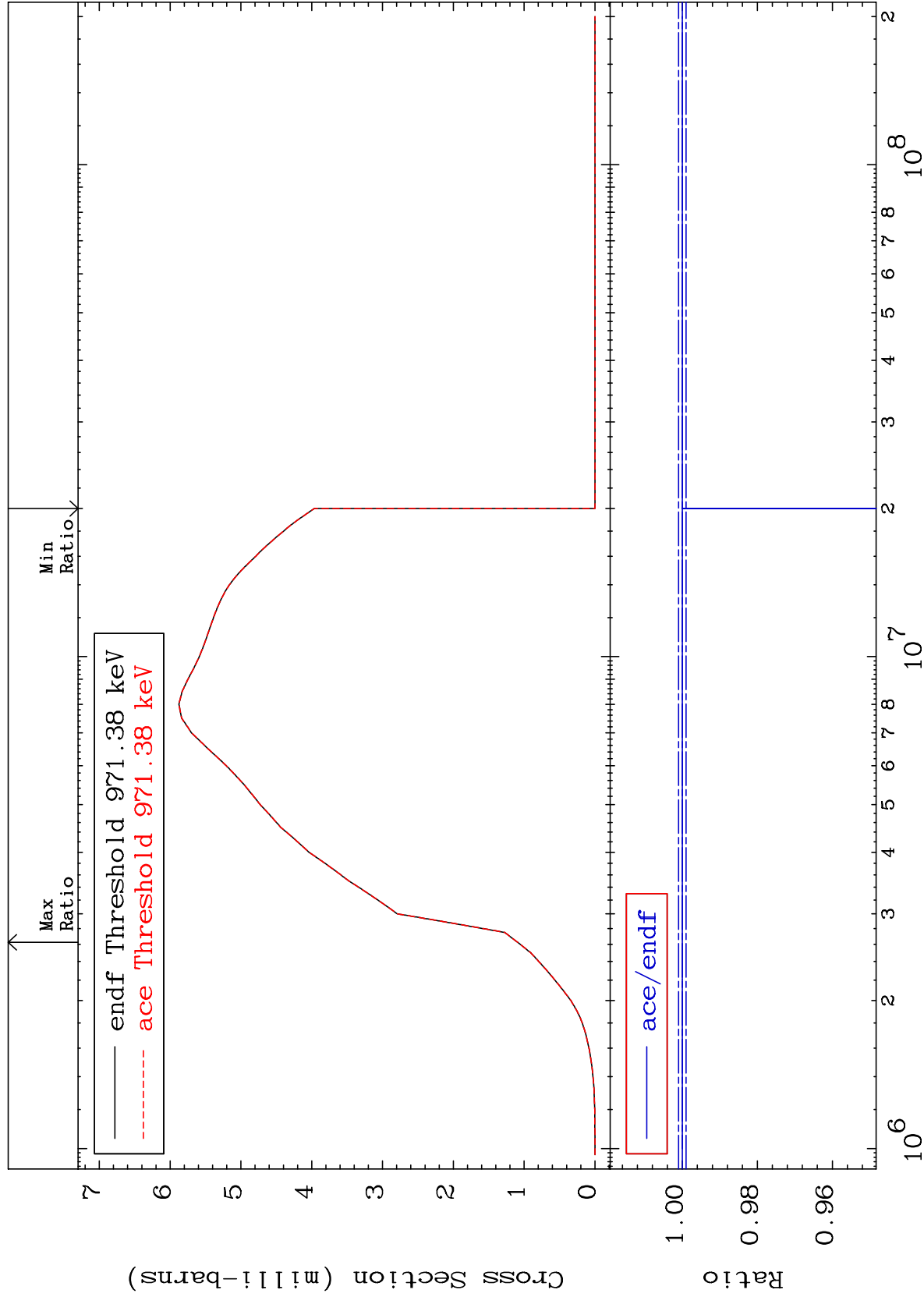
Incident Energy (eV)

64-Gd-156

MAT 6437

965.1 keV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



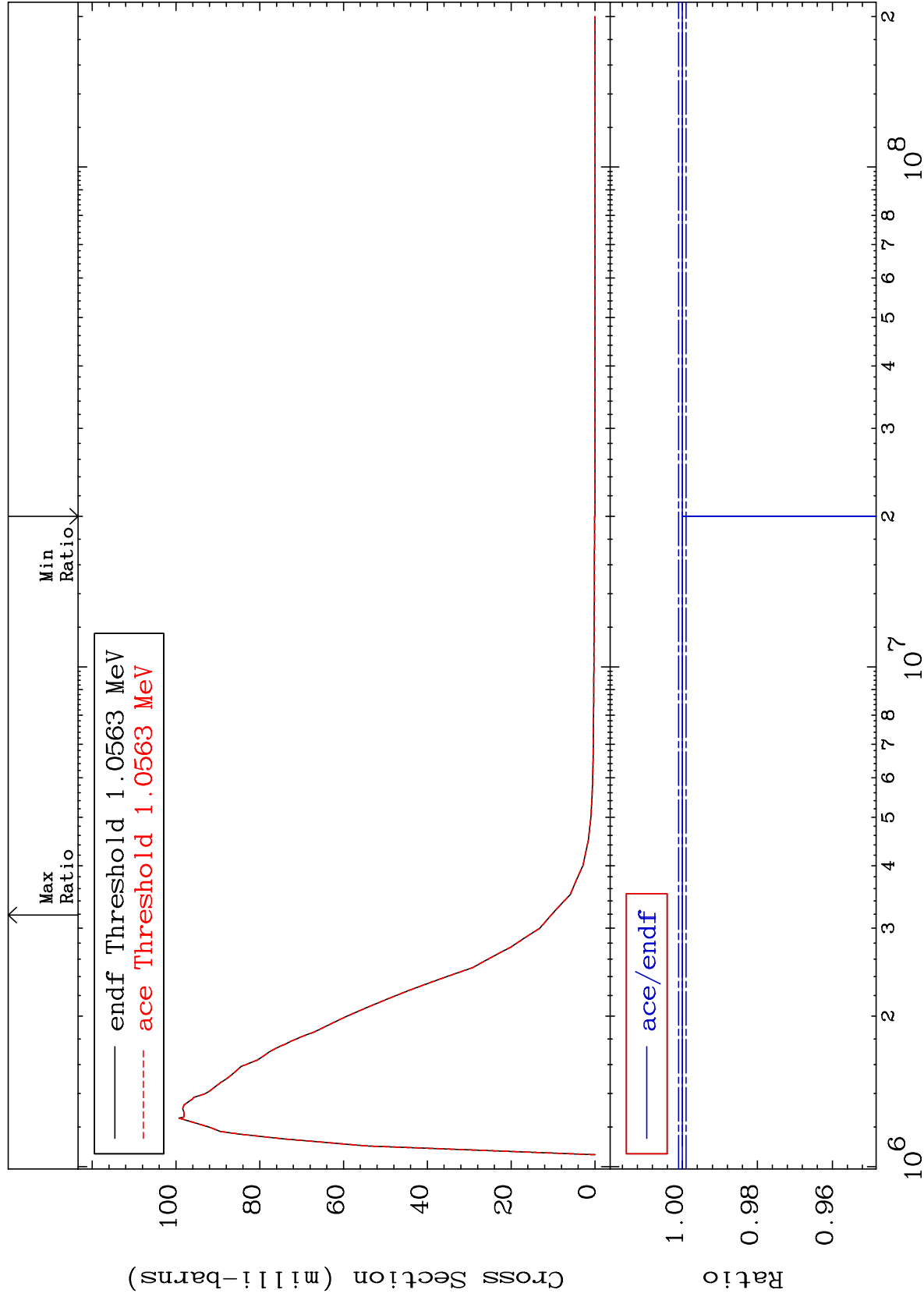
13

64-Gd-156

MAT 6437

1.049 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



14

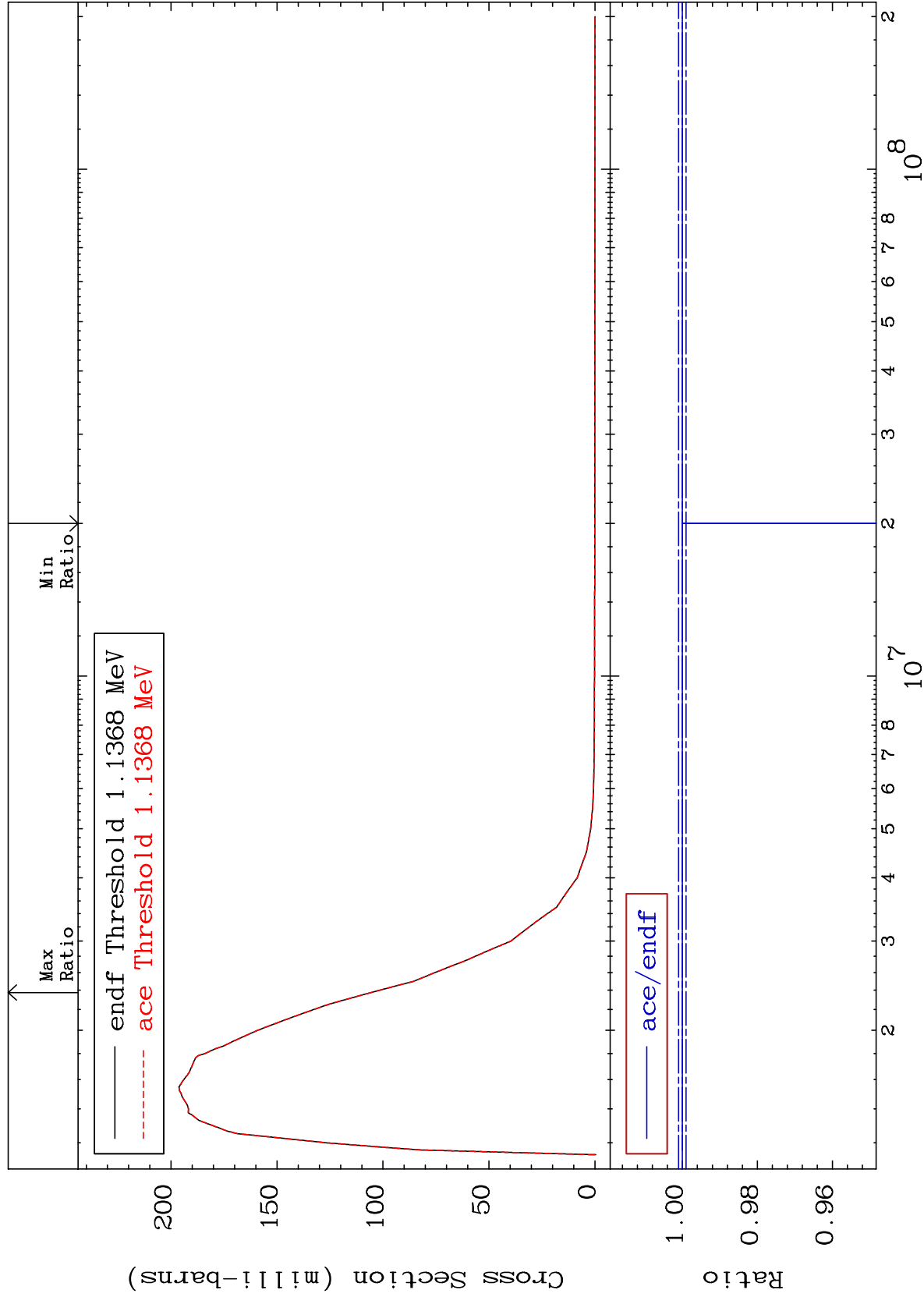
Incident Energy (eV)

64-Gd-156

MAT 6437

1.129 MeV (n,n') Level
Cross Section

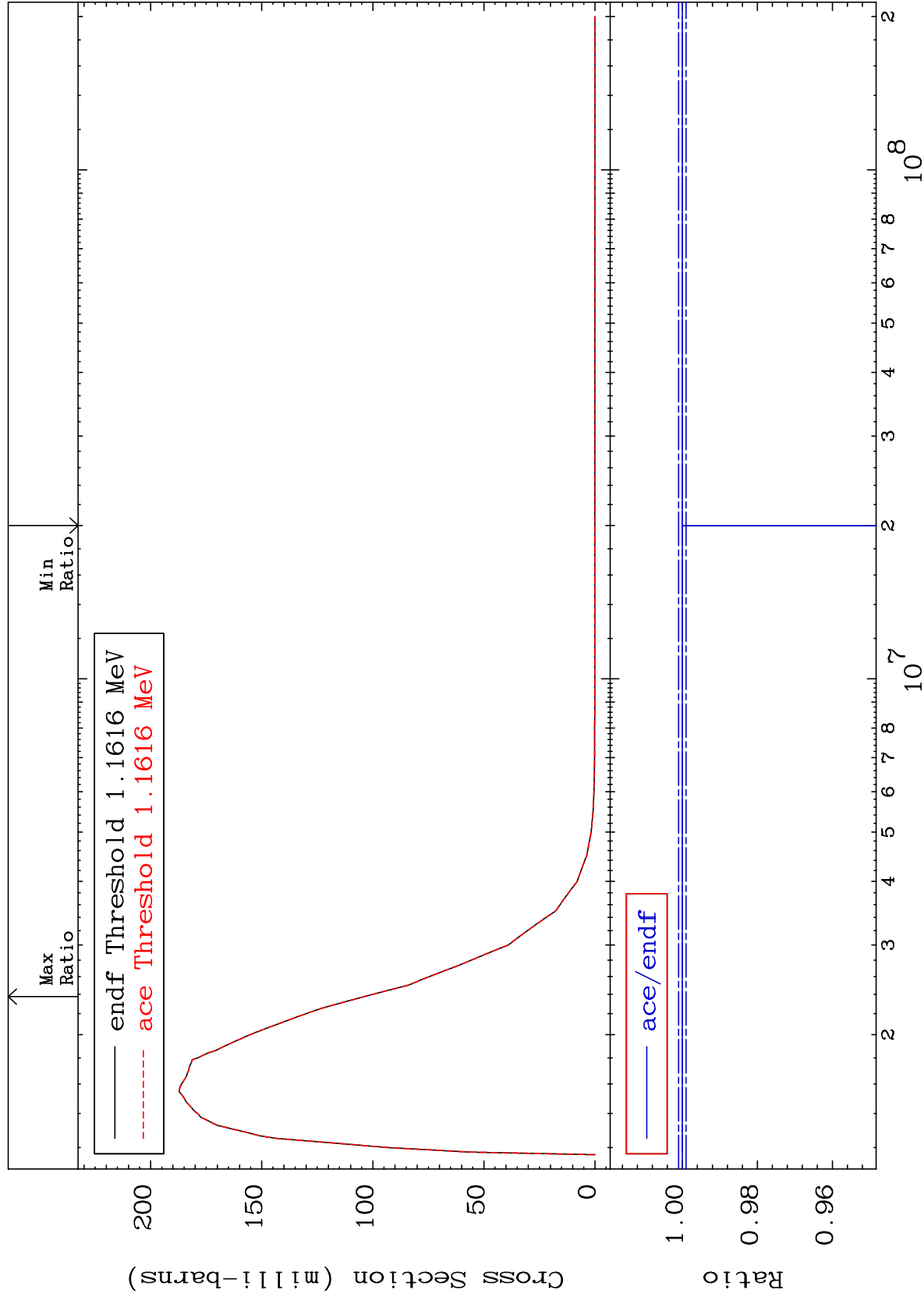
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.154 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



16

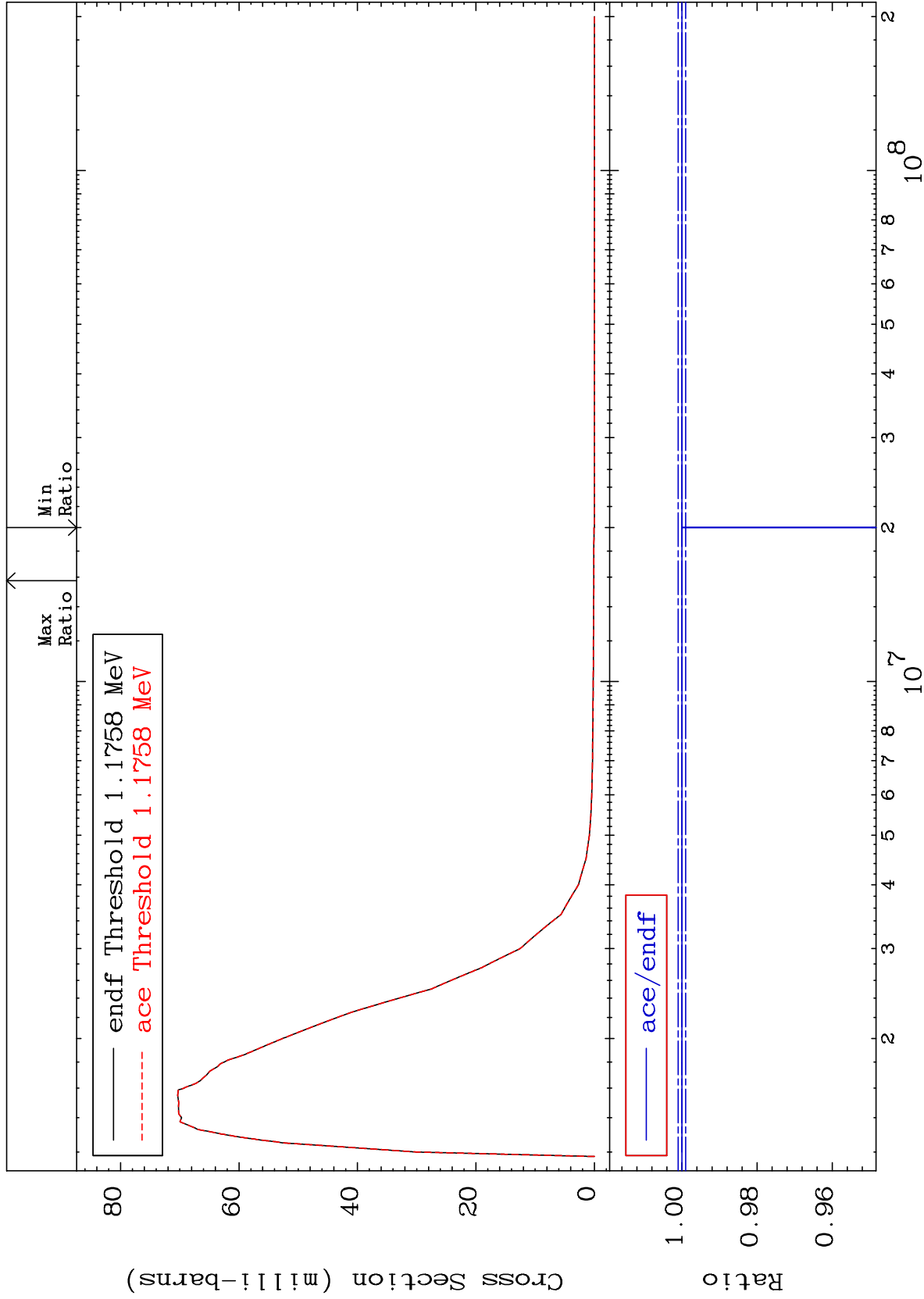
Incident Energy (eV)

64-Gd-156

MAT 6437

1.168 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



17

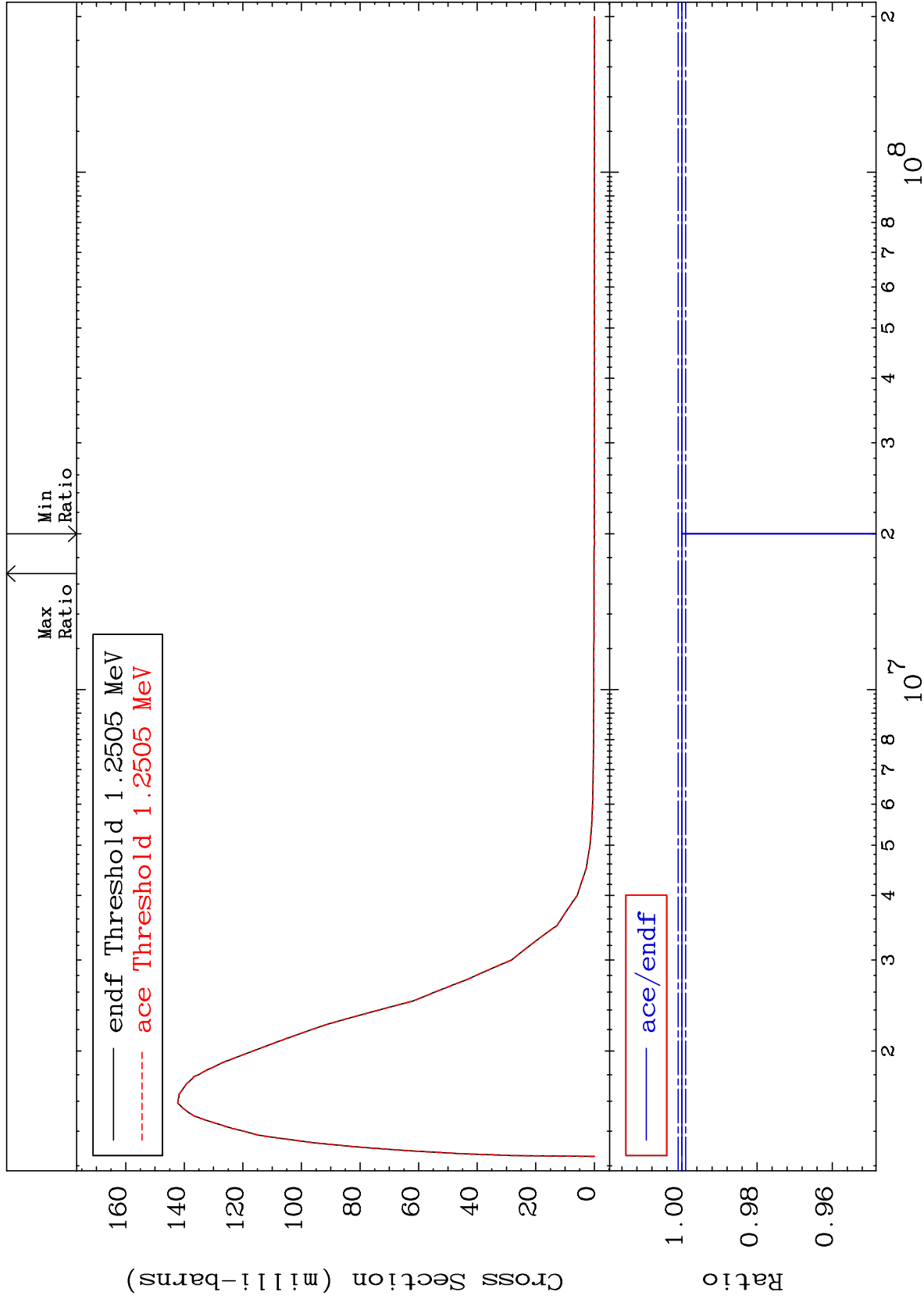
Incident Energy (eV)

64-Gd-156

MAT 6437

1.242 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



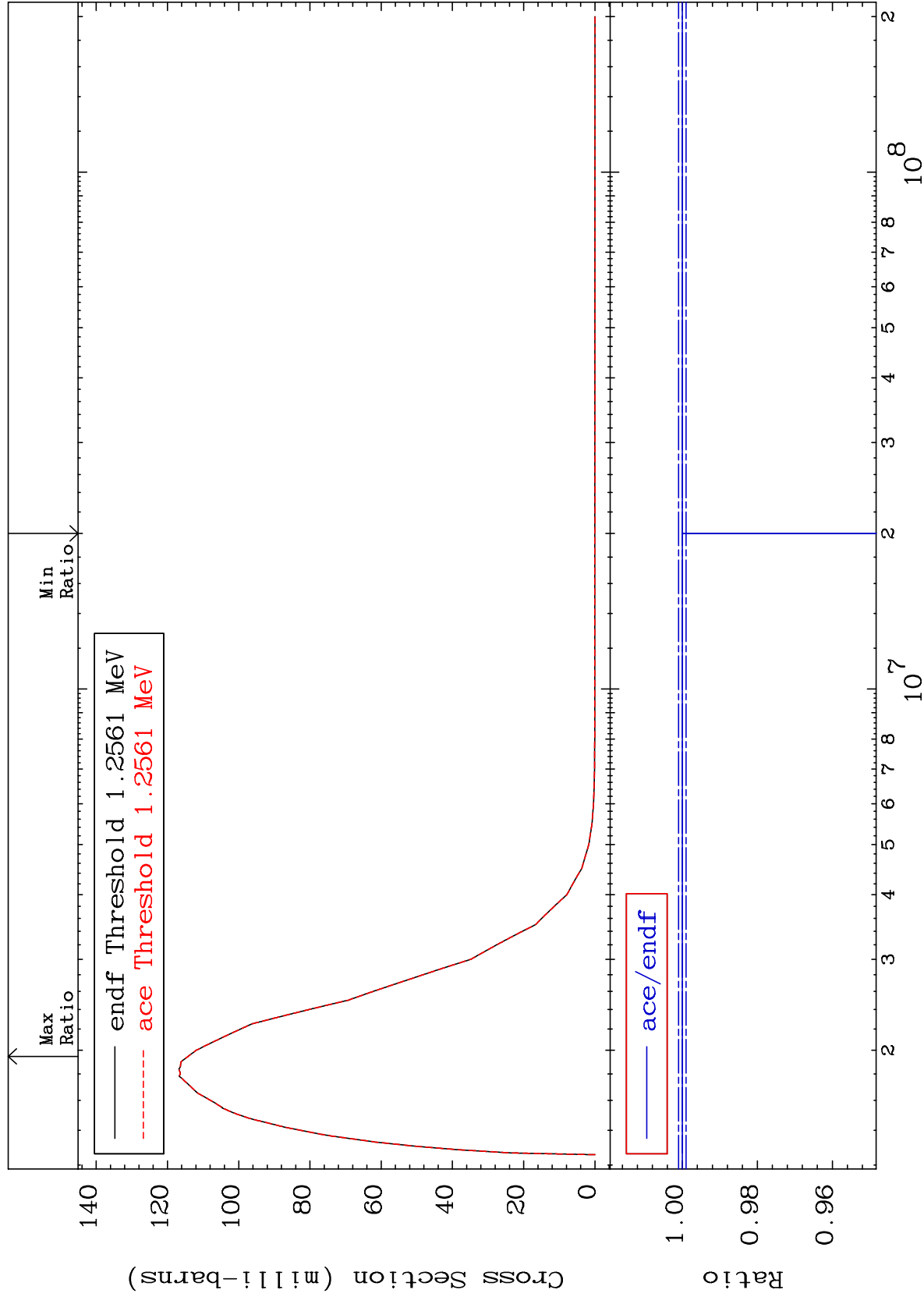
18

64-Gd-156

MAT 6437

1.248 MeV (n,n') Level
Cross Section

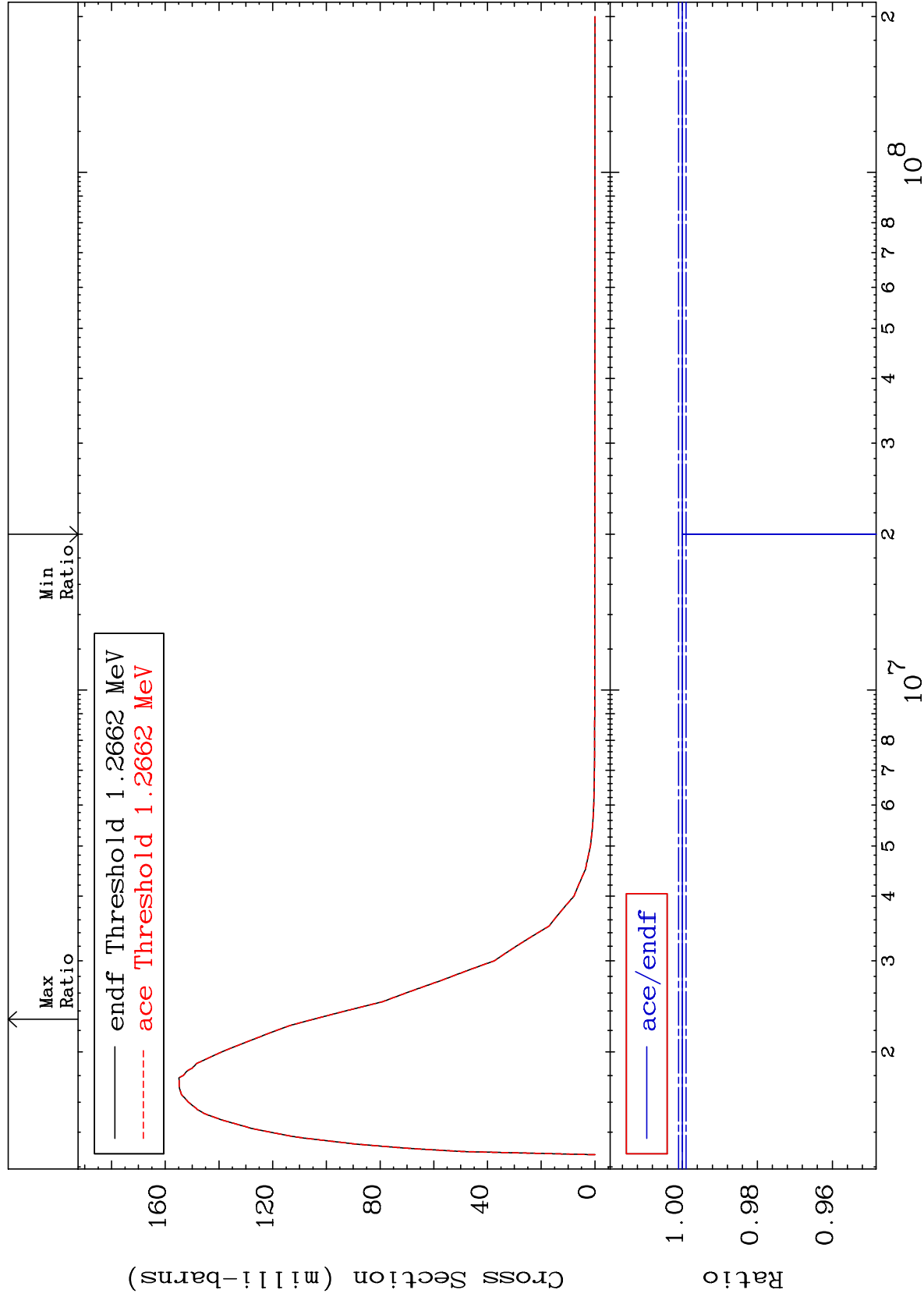
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.258 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



20

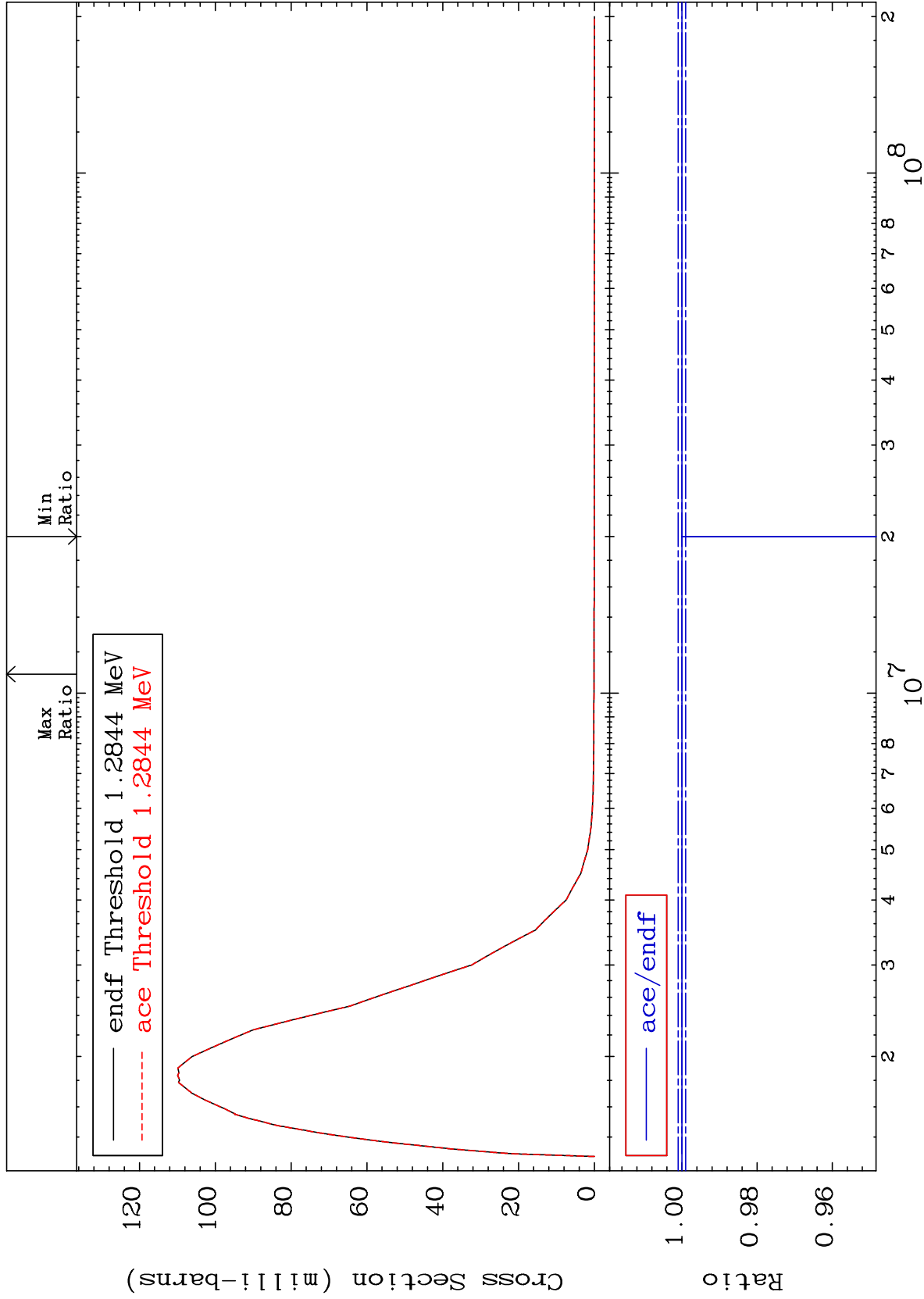
Incident Energy (eV)

64-Gd-156

MAT 6437

1.276 MeV (n,n') Level
Cross Section

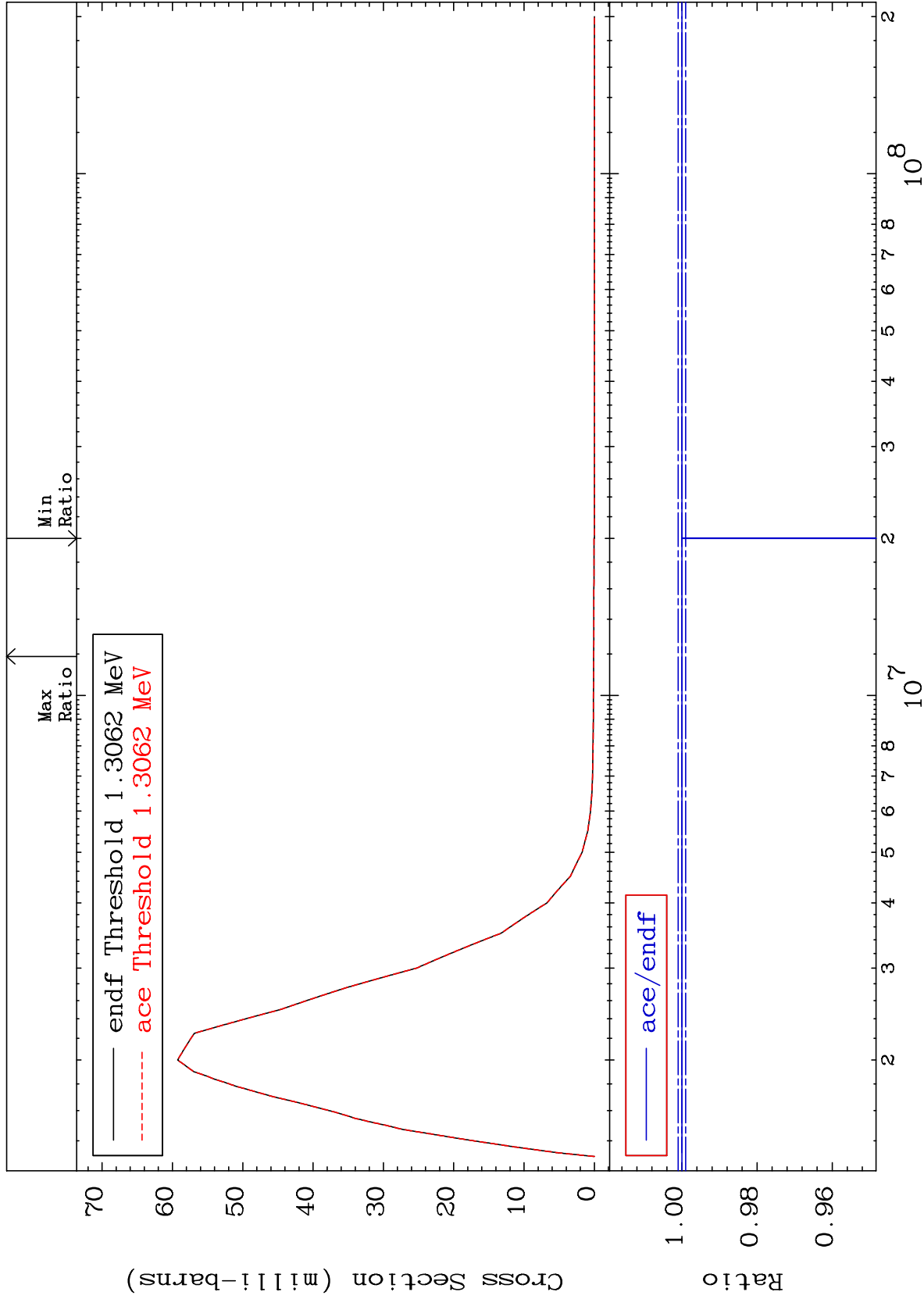
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.298 MeV (n,n') Level
Cross Section

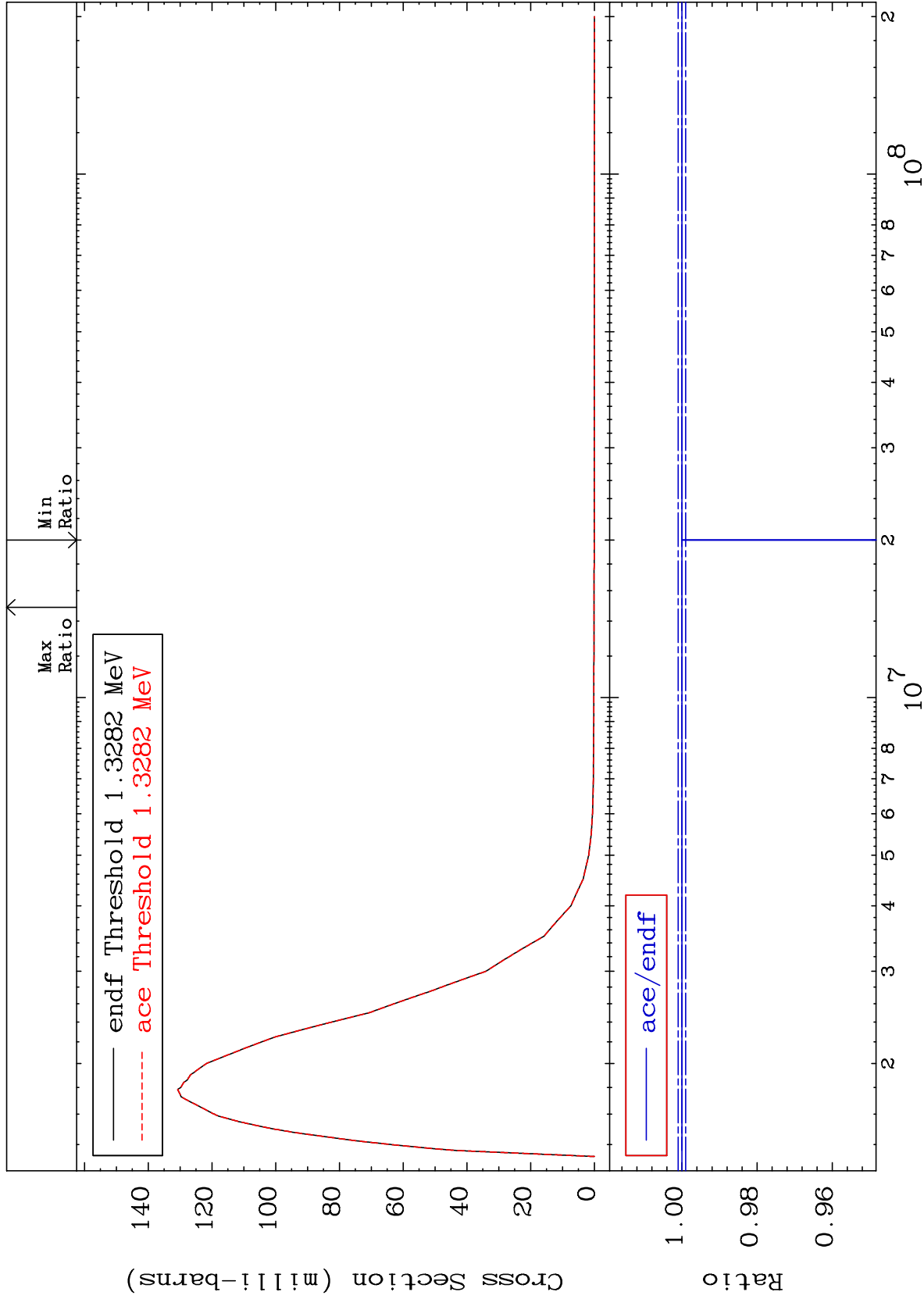
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.320 MeV (n,n') Level
Cross Section

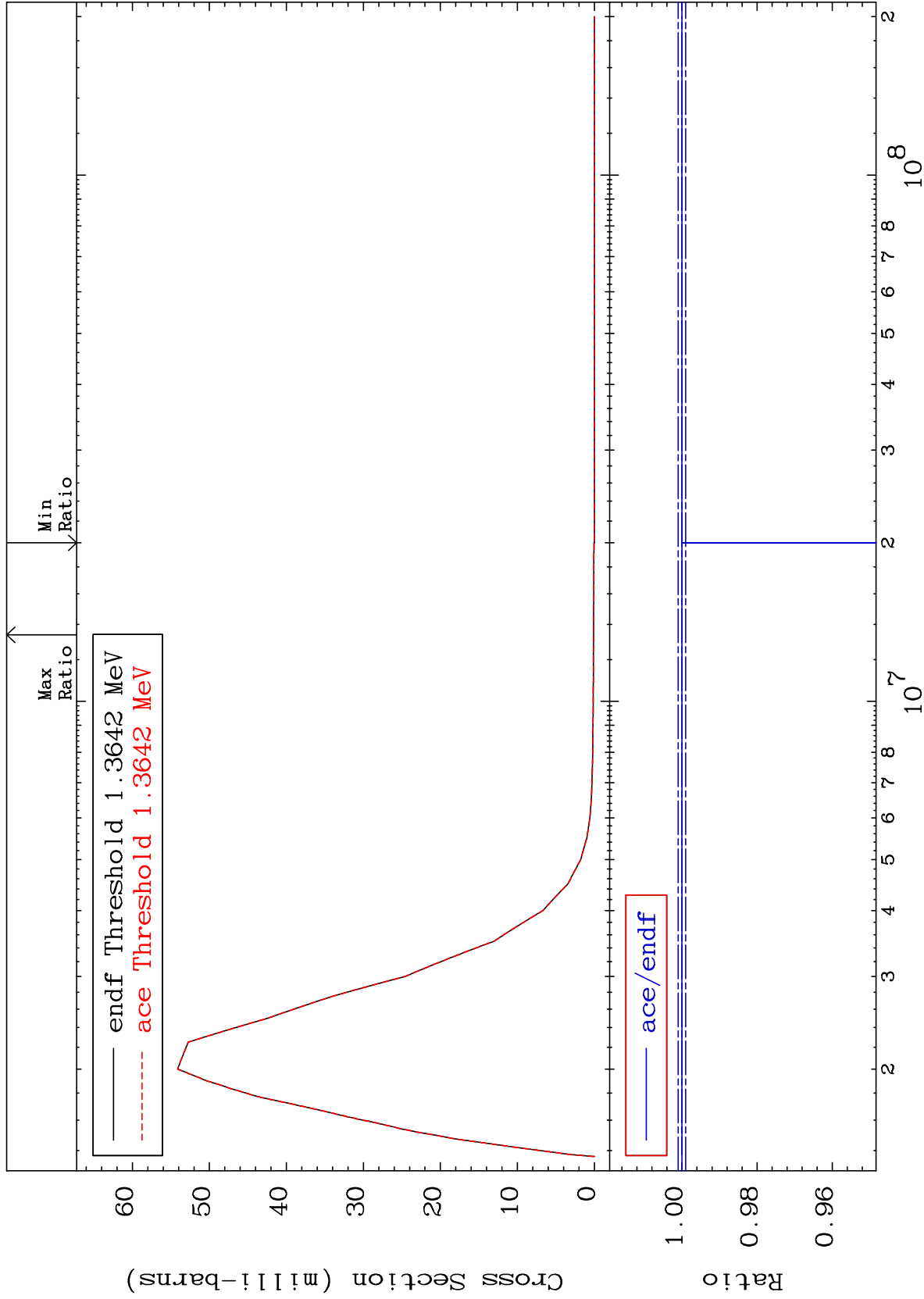
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.355 MeV (n,n') Level
Cross Section

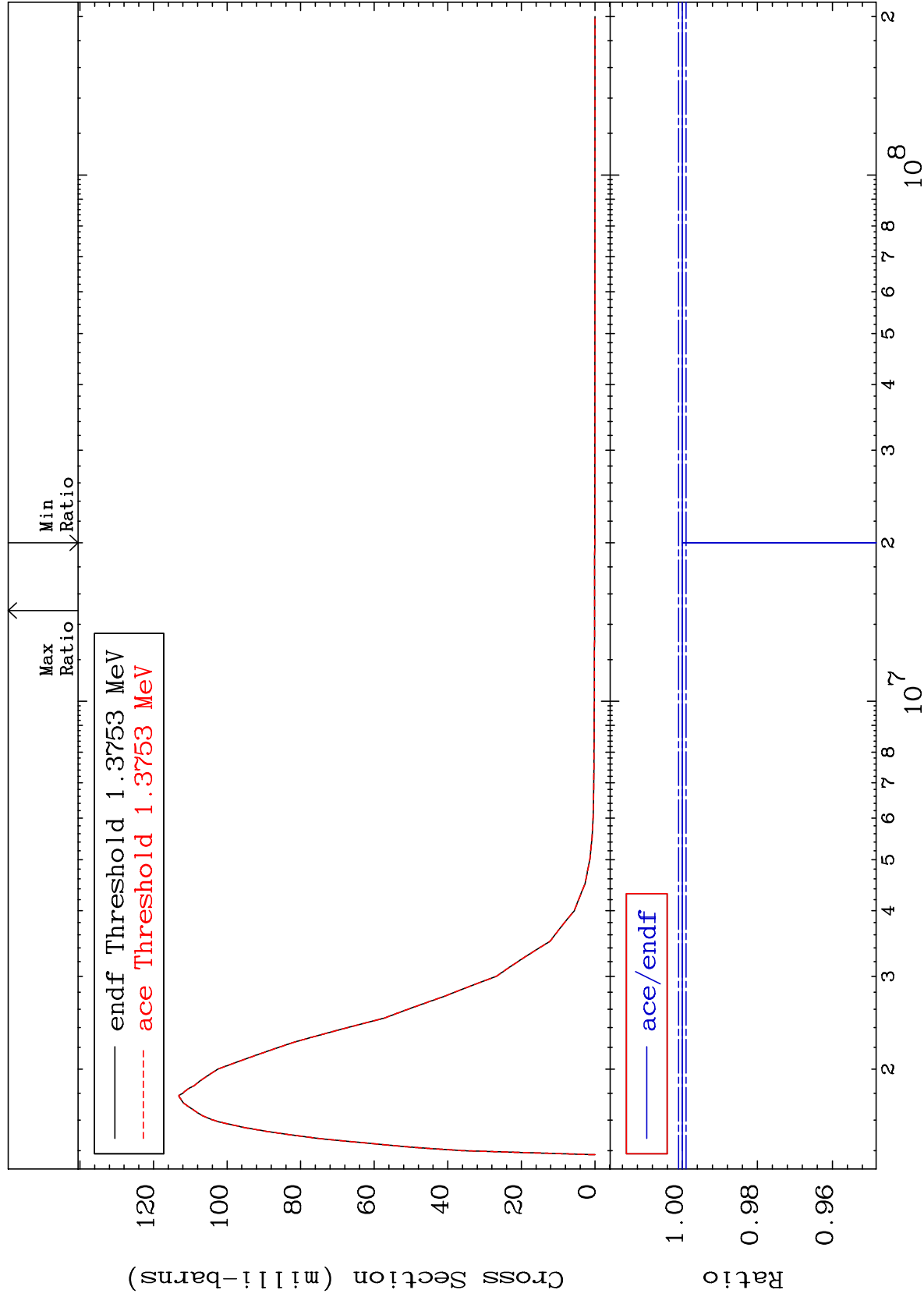
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.366 MeV (n,n') Level
Cross Section

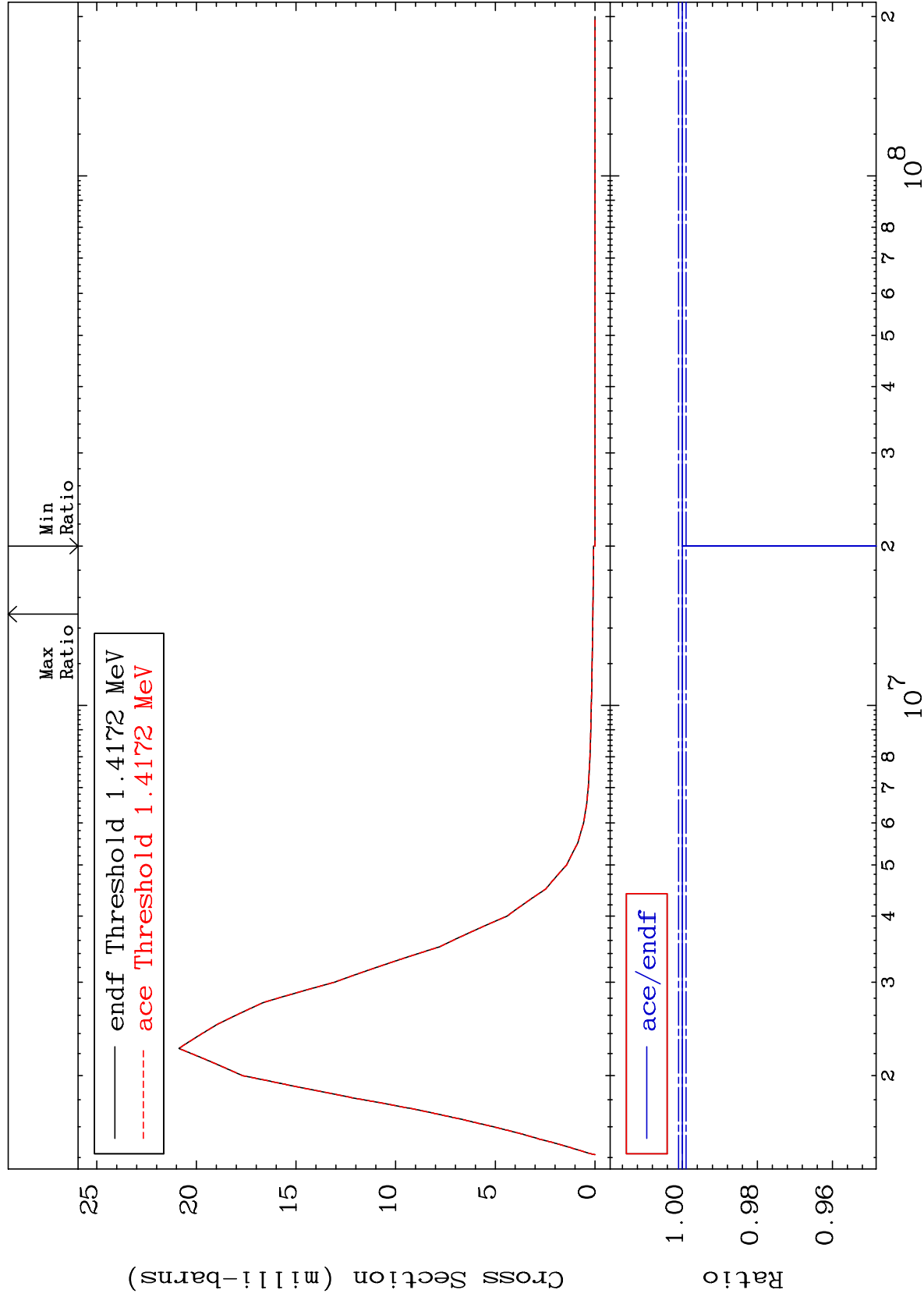
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.408 MeV (n,n') Level
Cross Section

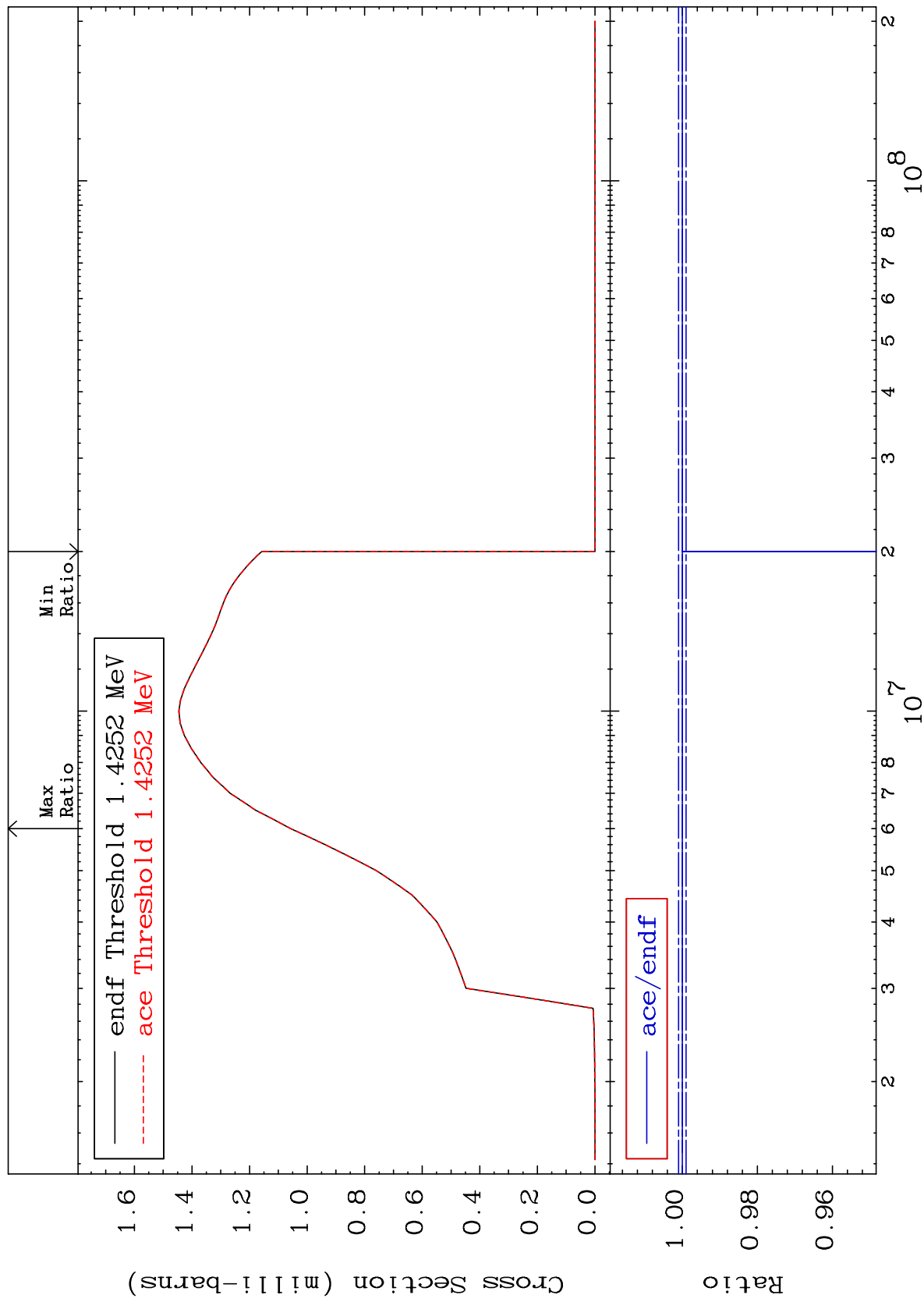
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.416 MeV (n,n') Level
Cross Section

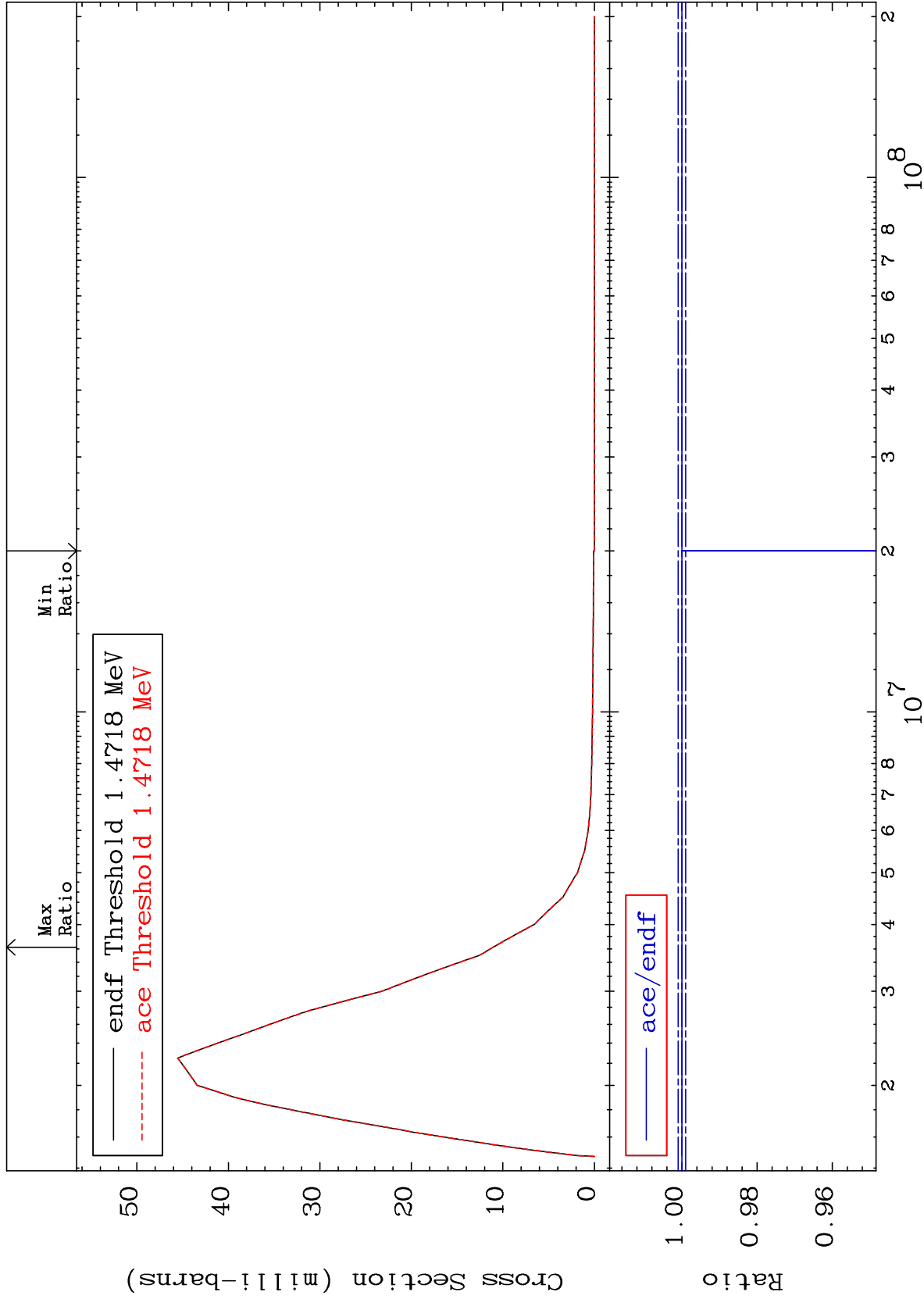
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.462 MeV (n,n') Level
Cross Section

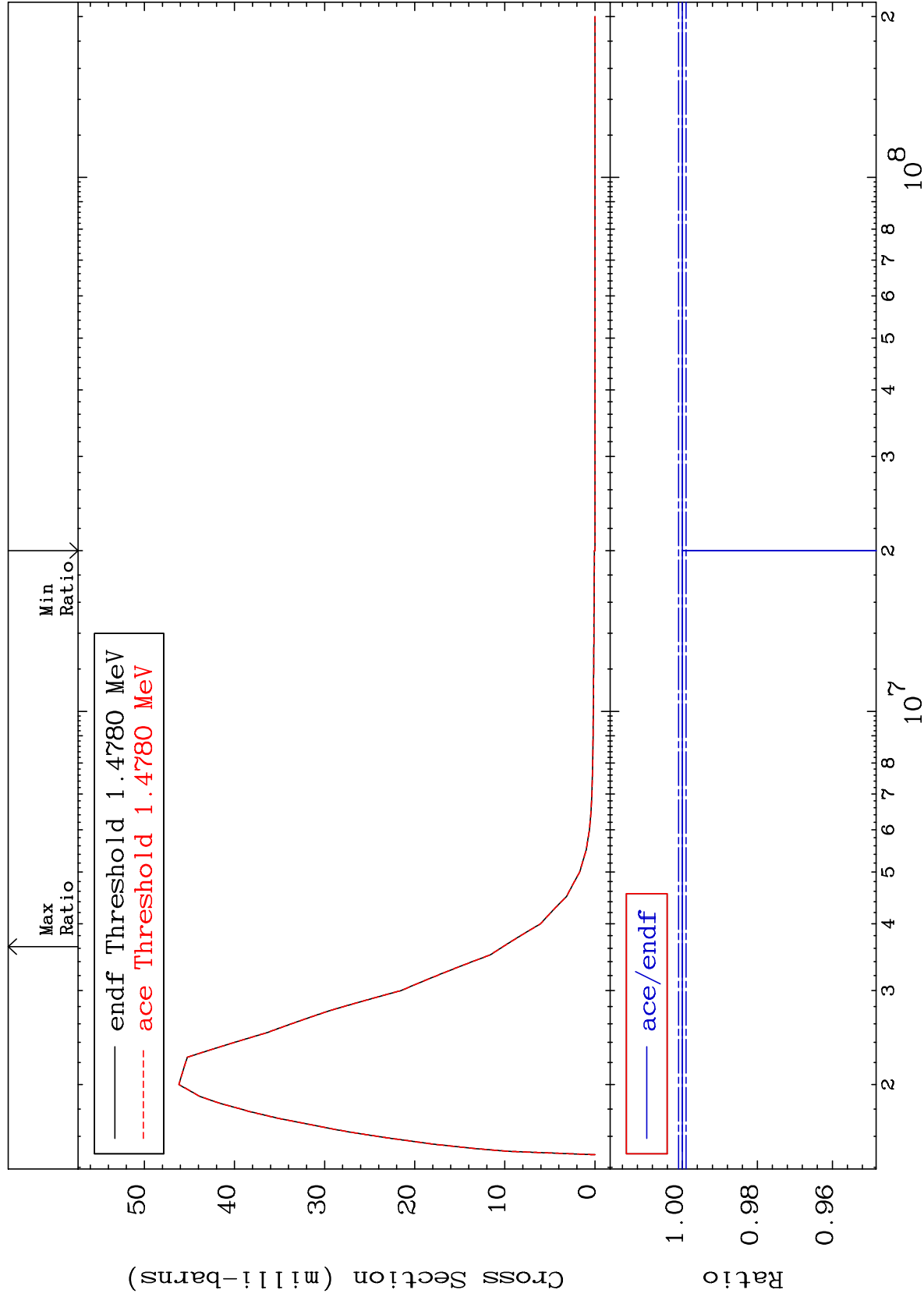
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.469 MeV (n,n') Level
Cross Section

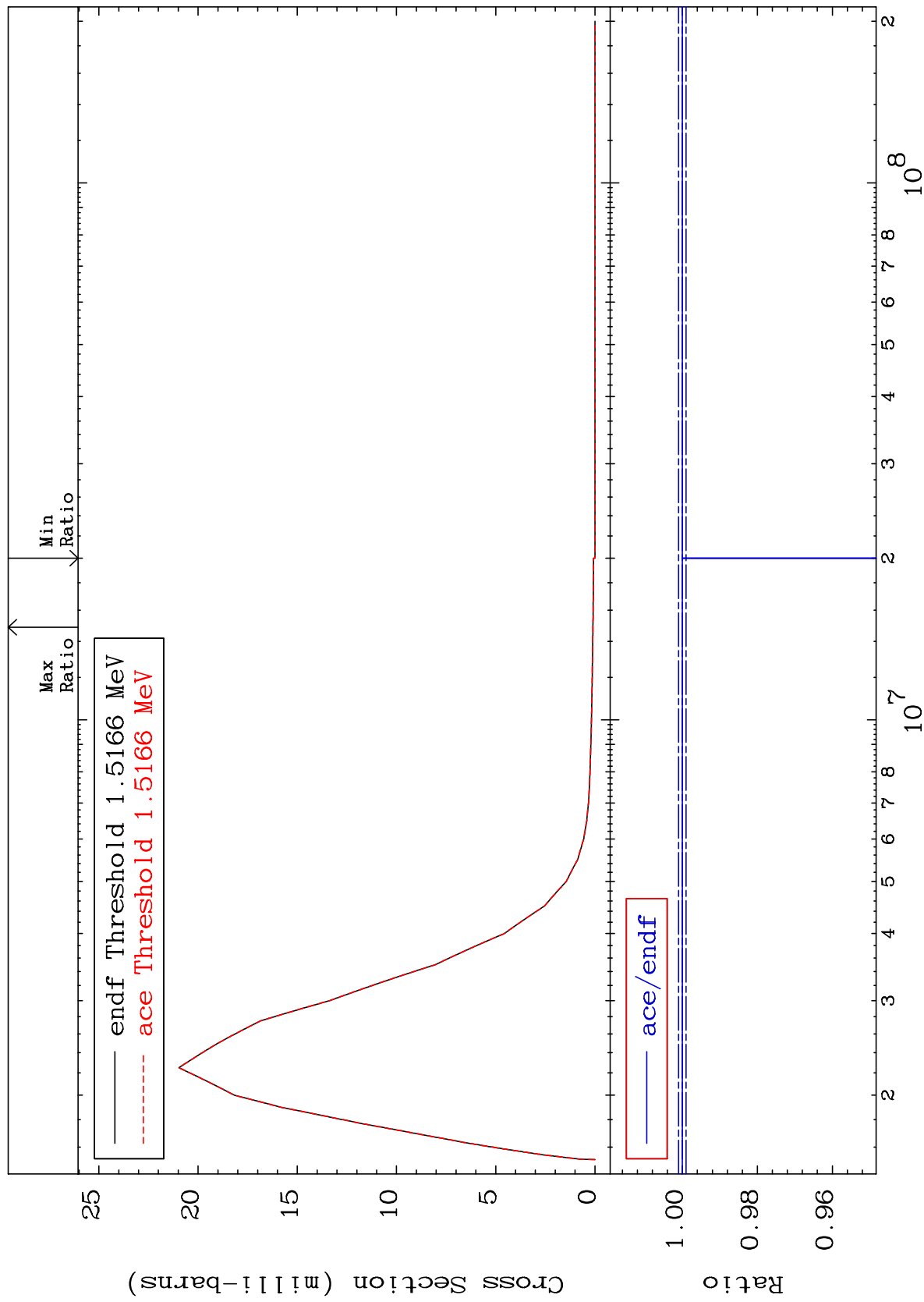
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.507 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



30

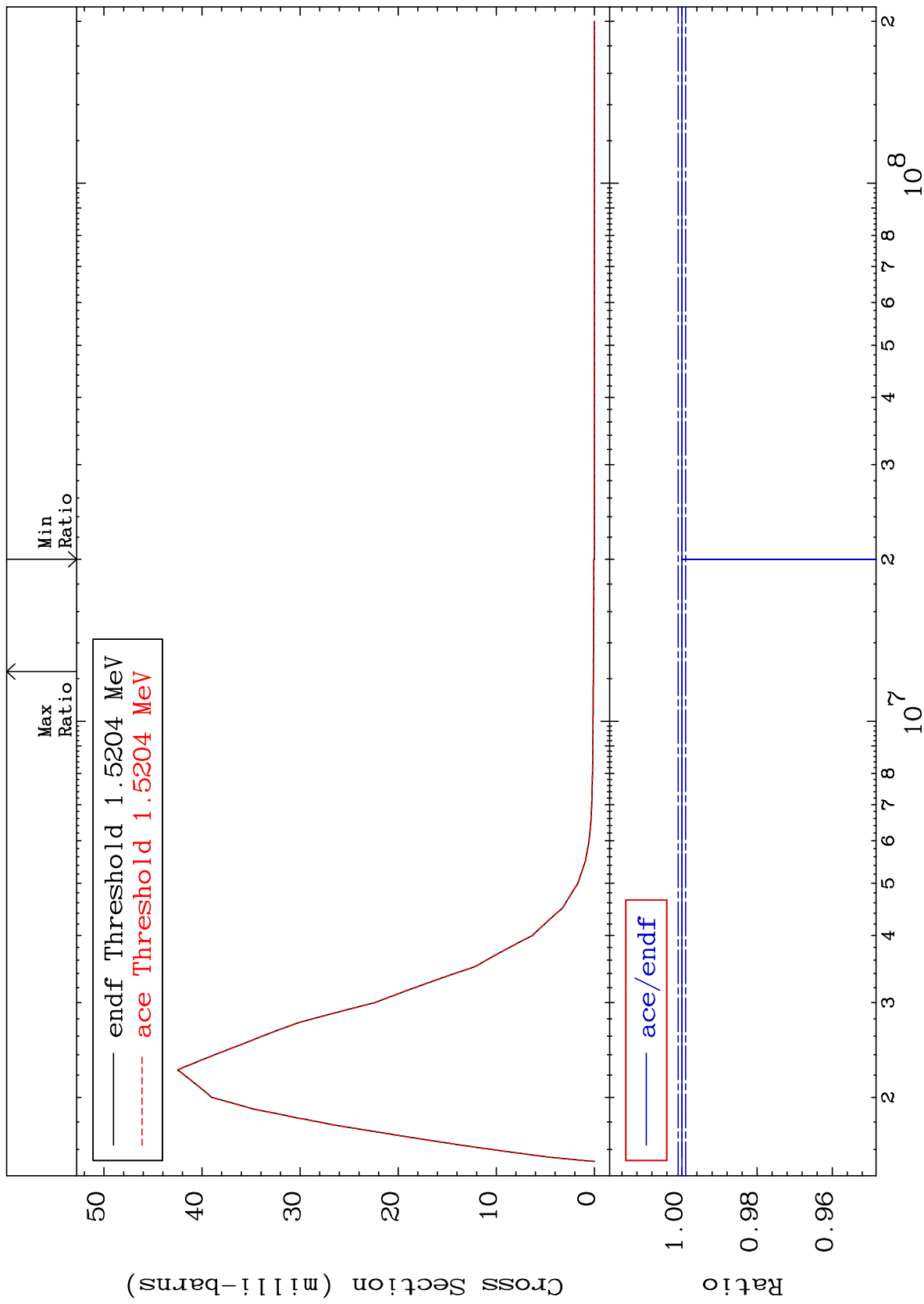
Incident Energy (eV)

64-Gd-156

MAT 6437

1.511 MeV (n,n') Level
Cross Section

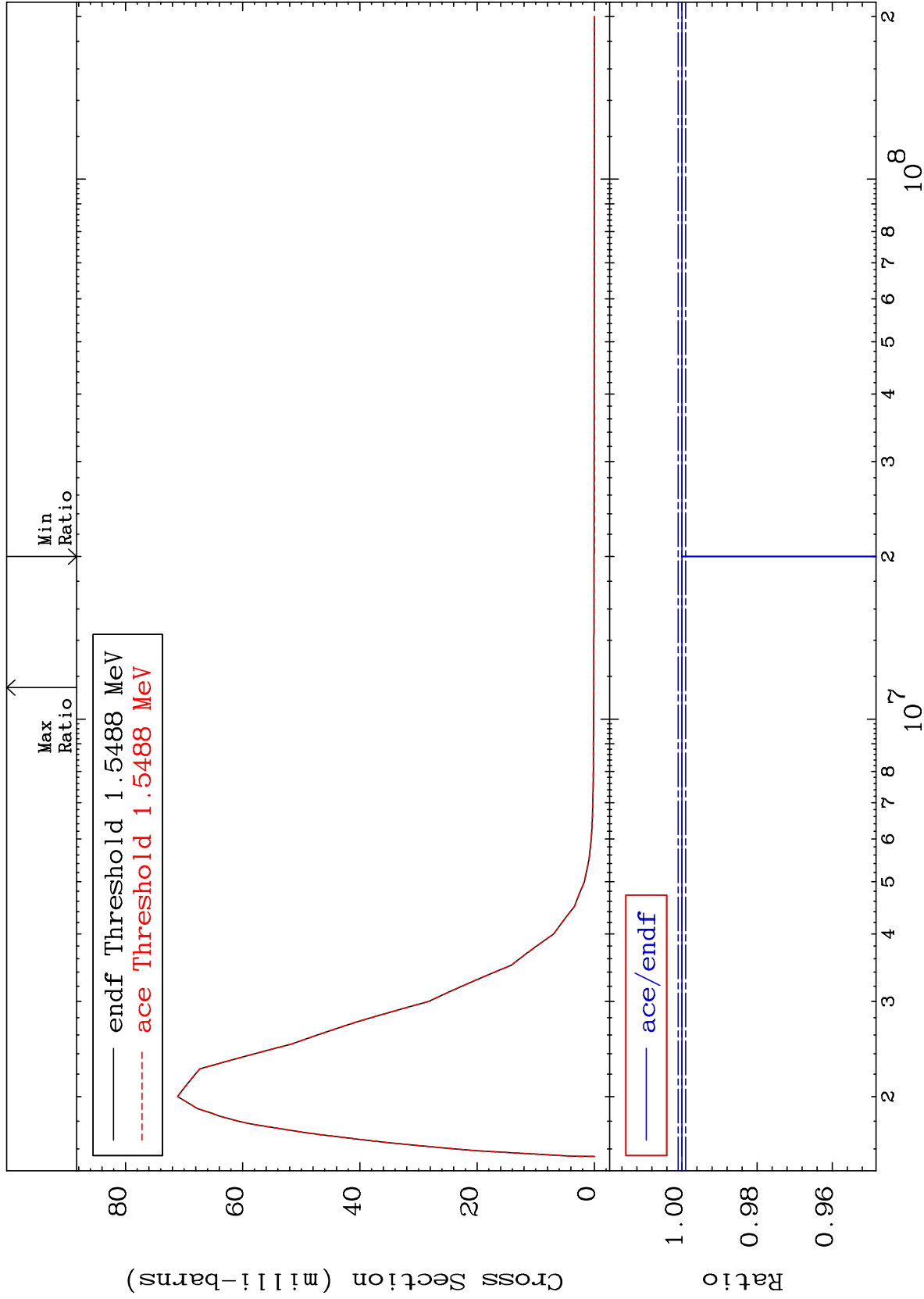
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.539 MeV (n,n') Level
Cross Section

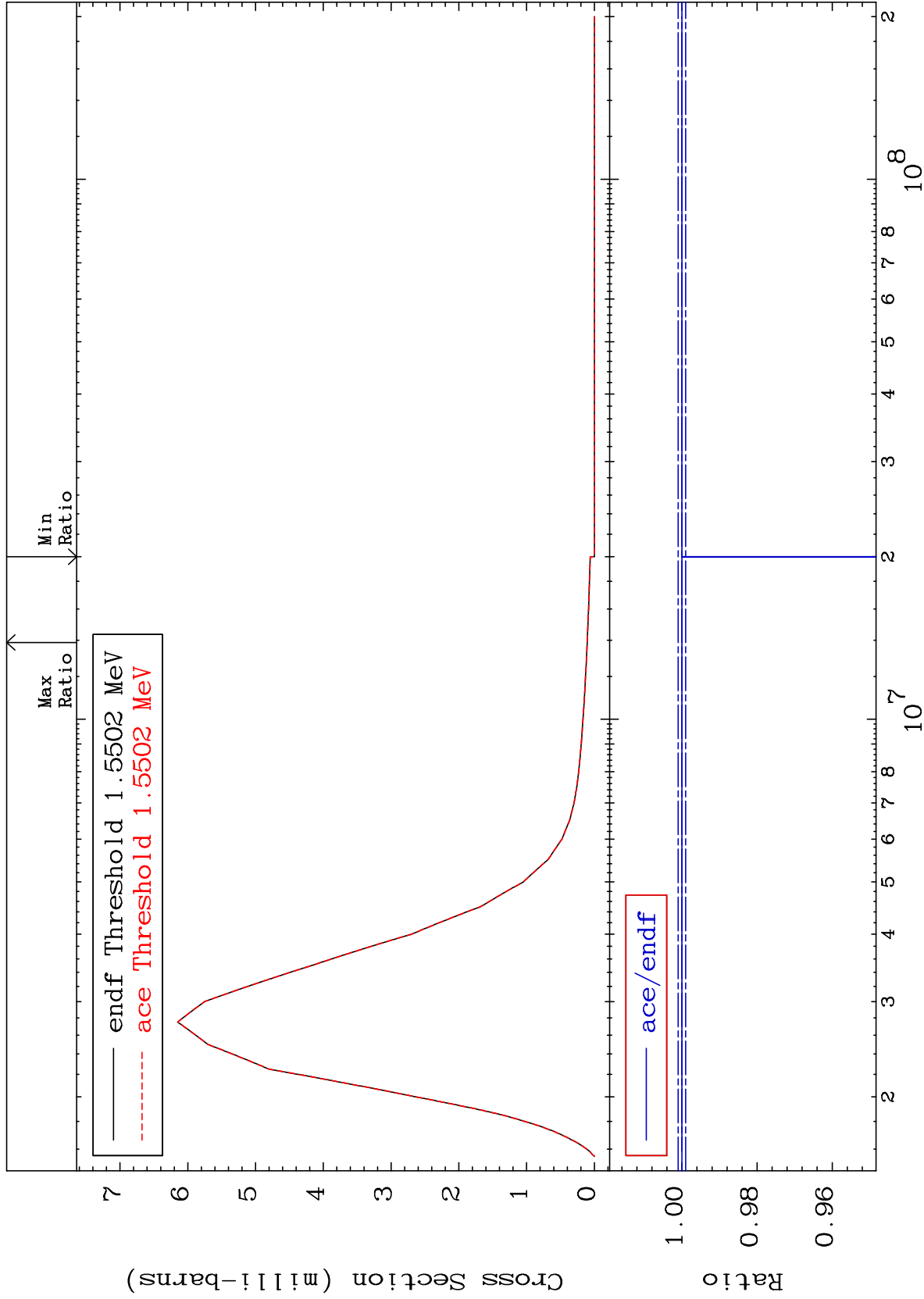
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.540 MeV (n,n') Level
Cross Section

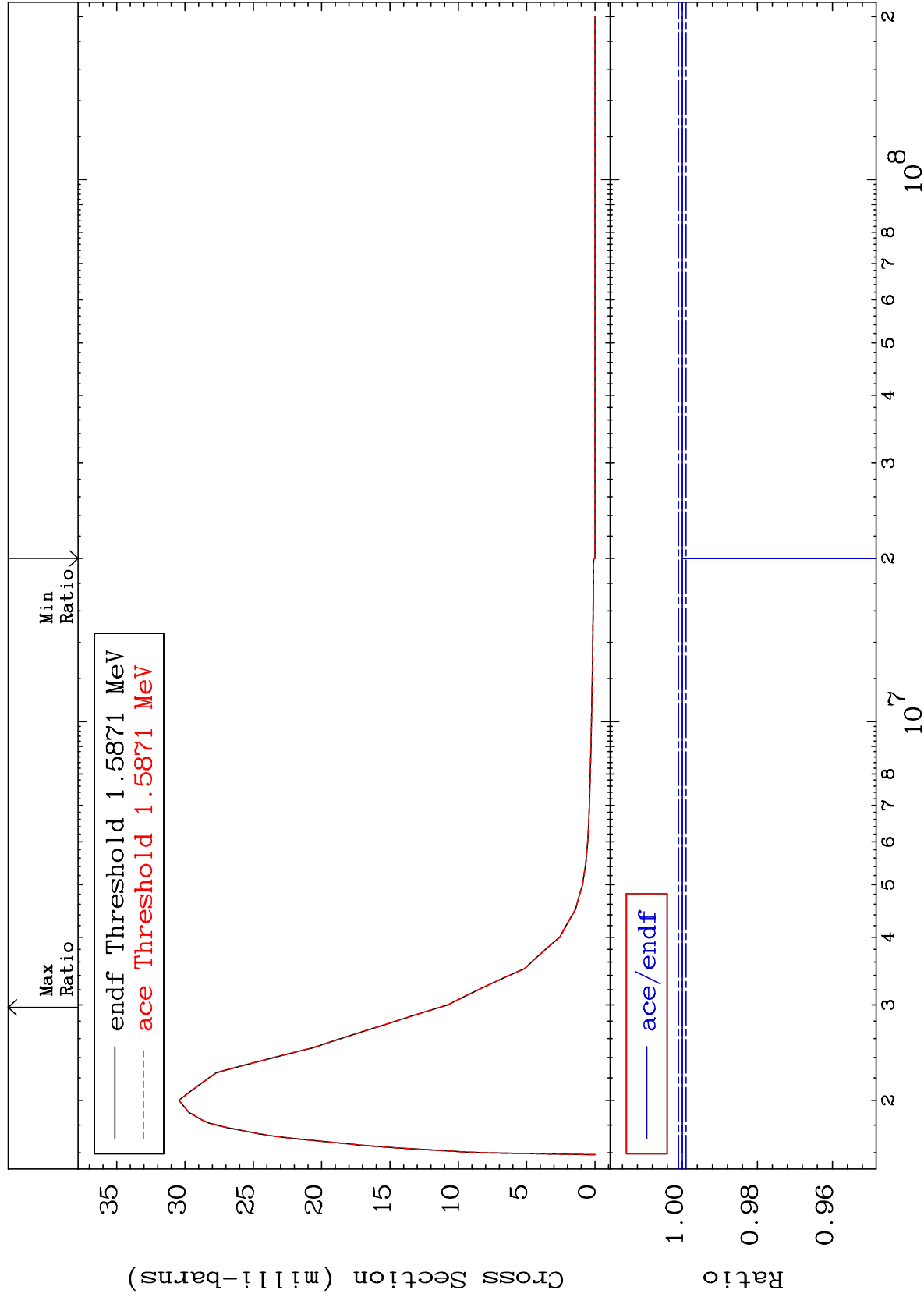
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.577 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



34

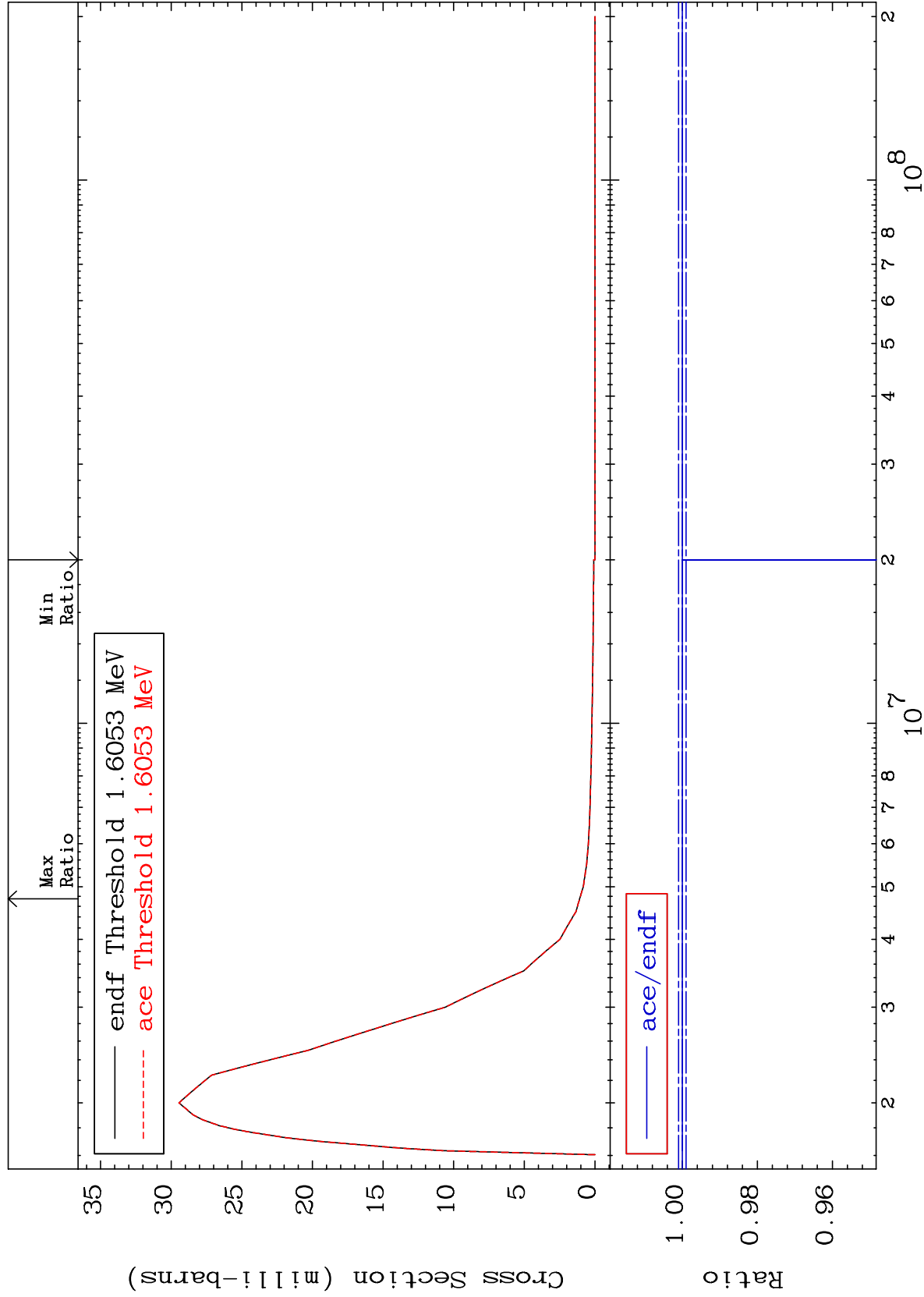
Incident Energy (eV)

64-Gd-156

MAT 6437

1.595 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



35

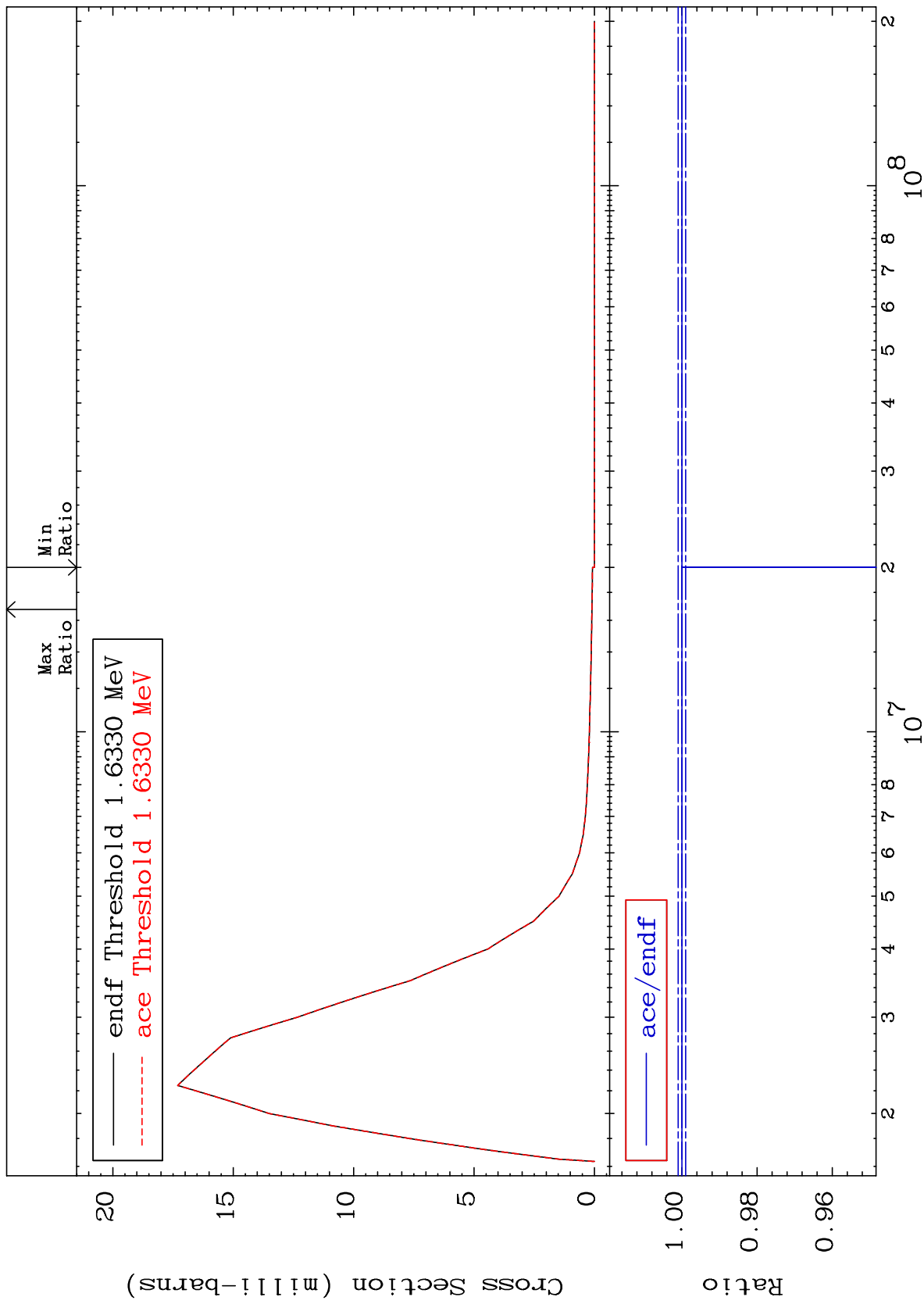
Incident Energy (eV)

64-Gd-156

MAT 6437

1.623 MeV (n,n') Level
Cross Section

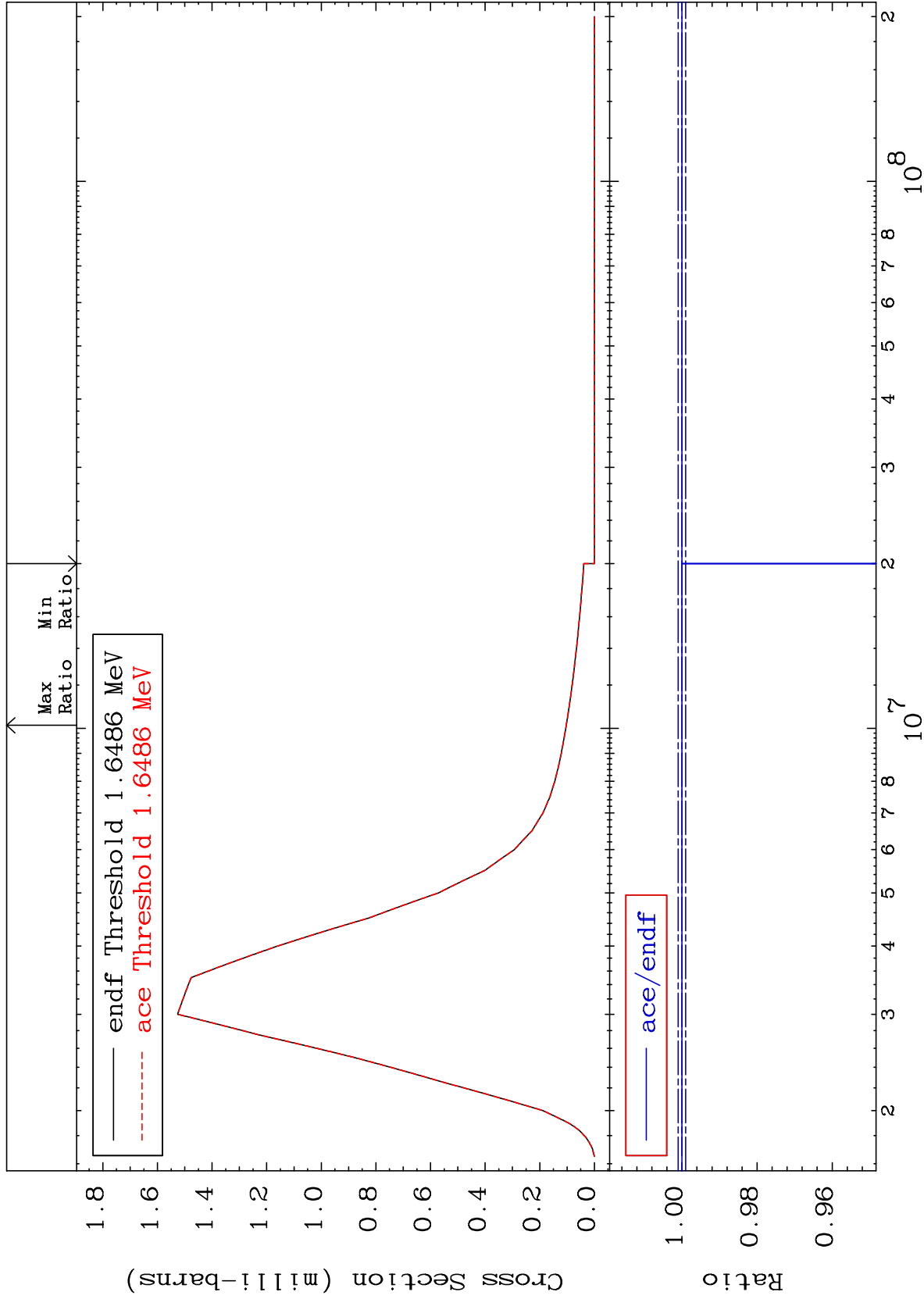
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.638 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



37

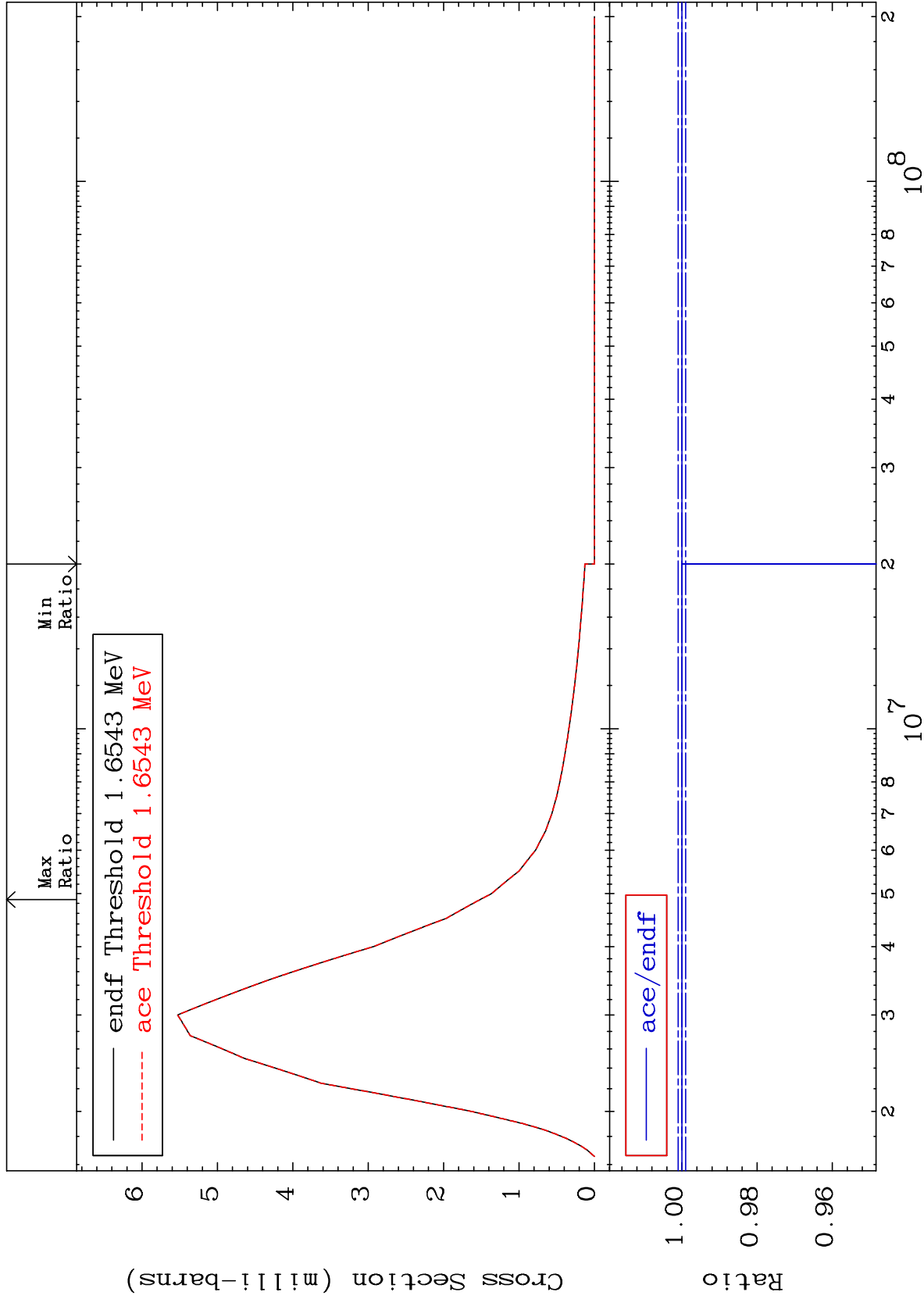
Incident Energy (eV)

64-Gd-156

MAT 6437

1.644 MeV (n,n') Level
Cross Section

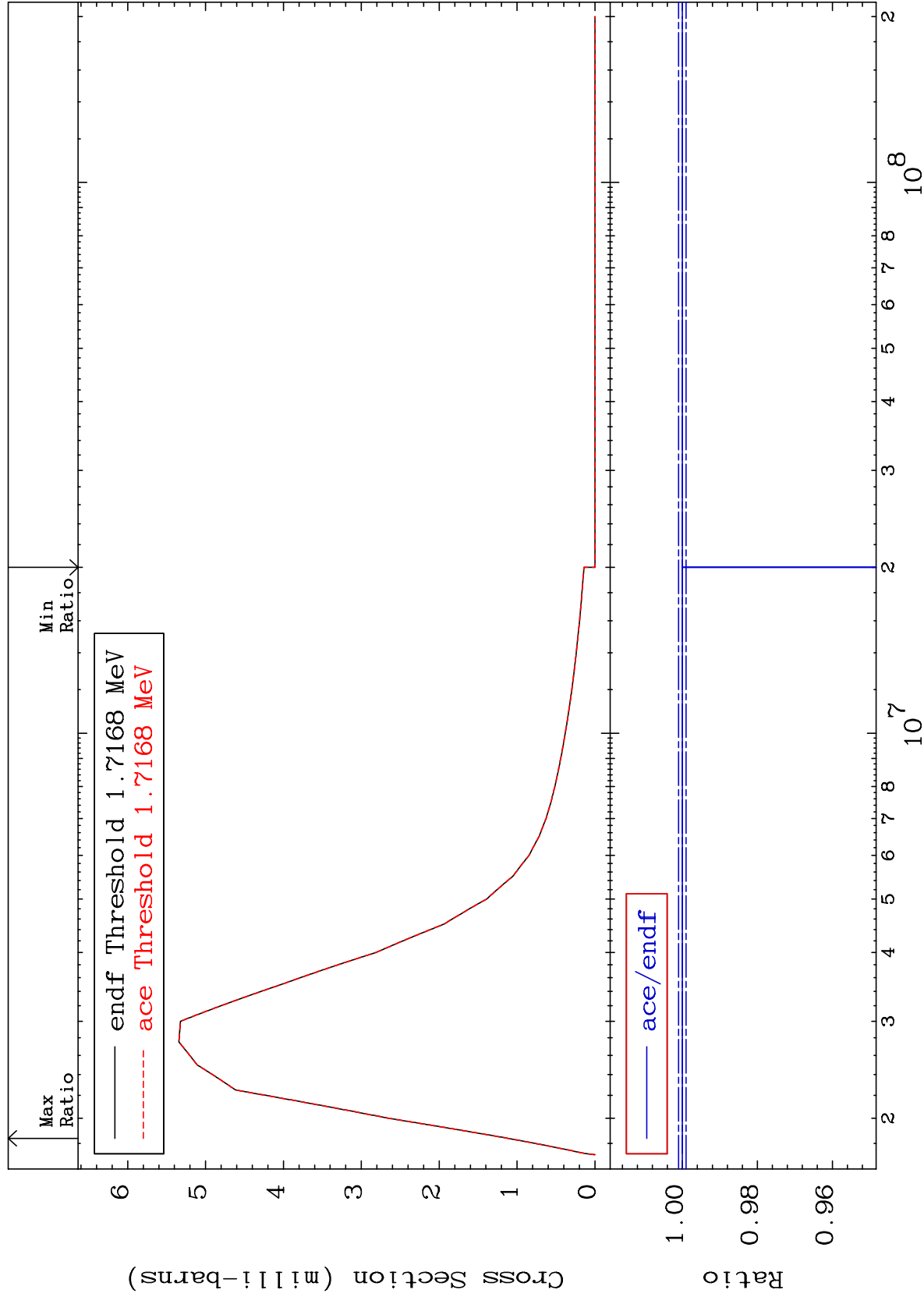
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.706 MeV (n,n') Level
Cross Section

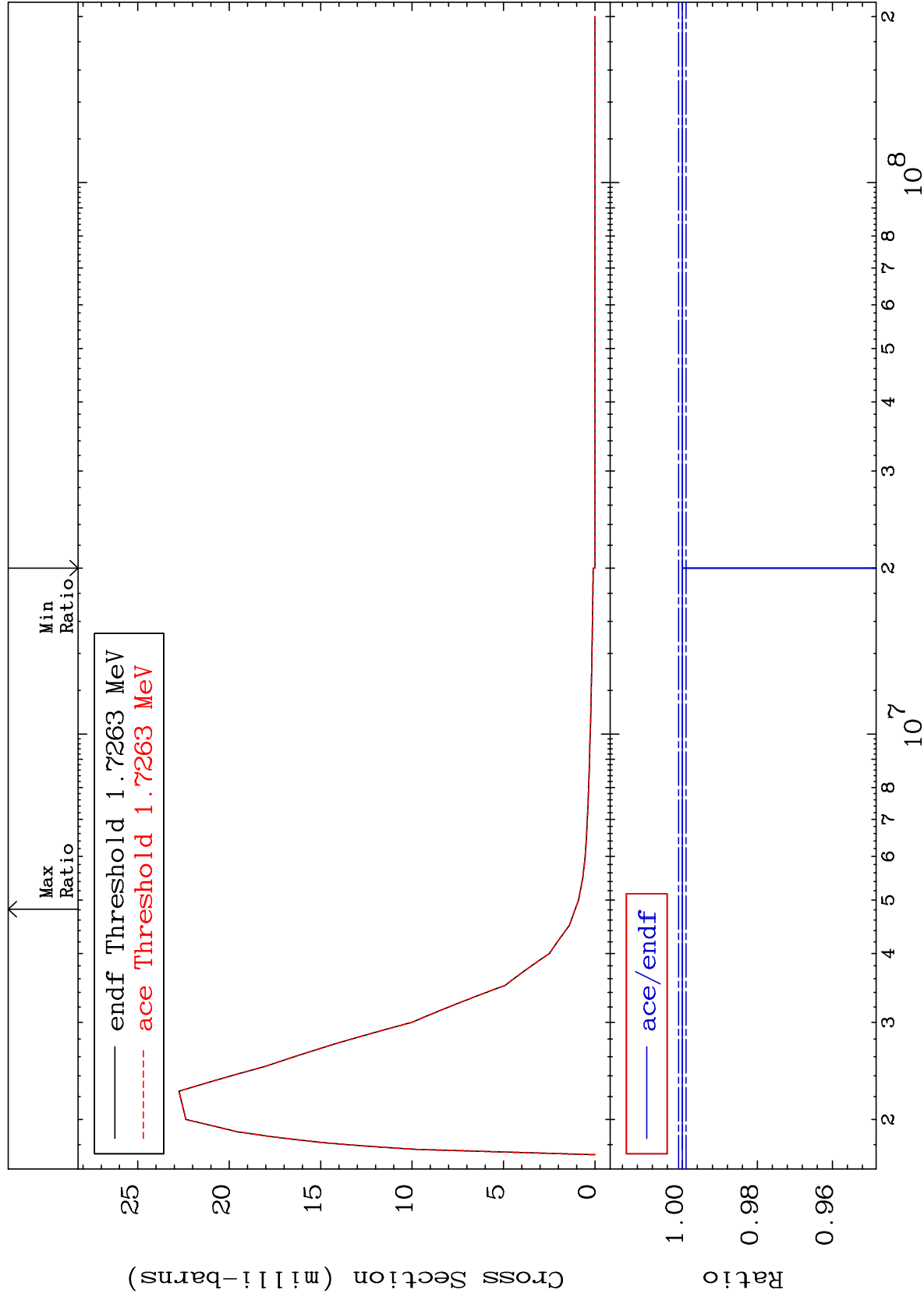
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.715 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



40

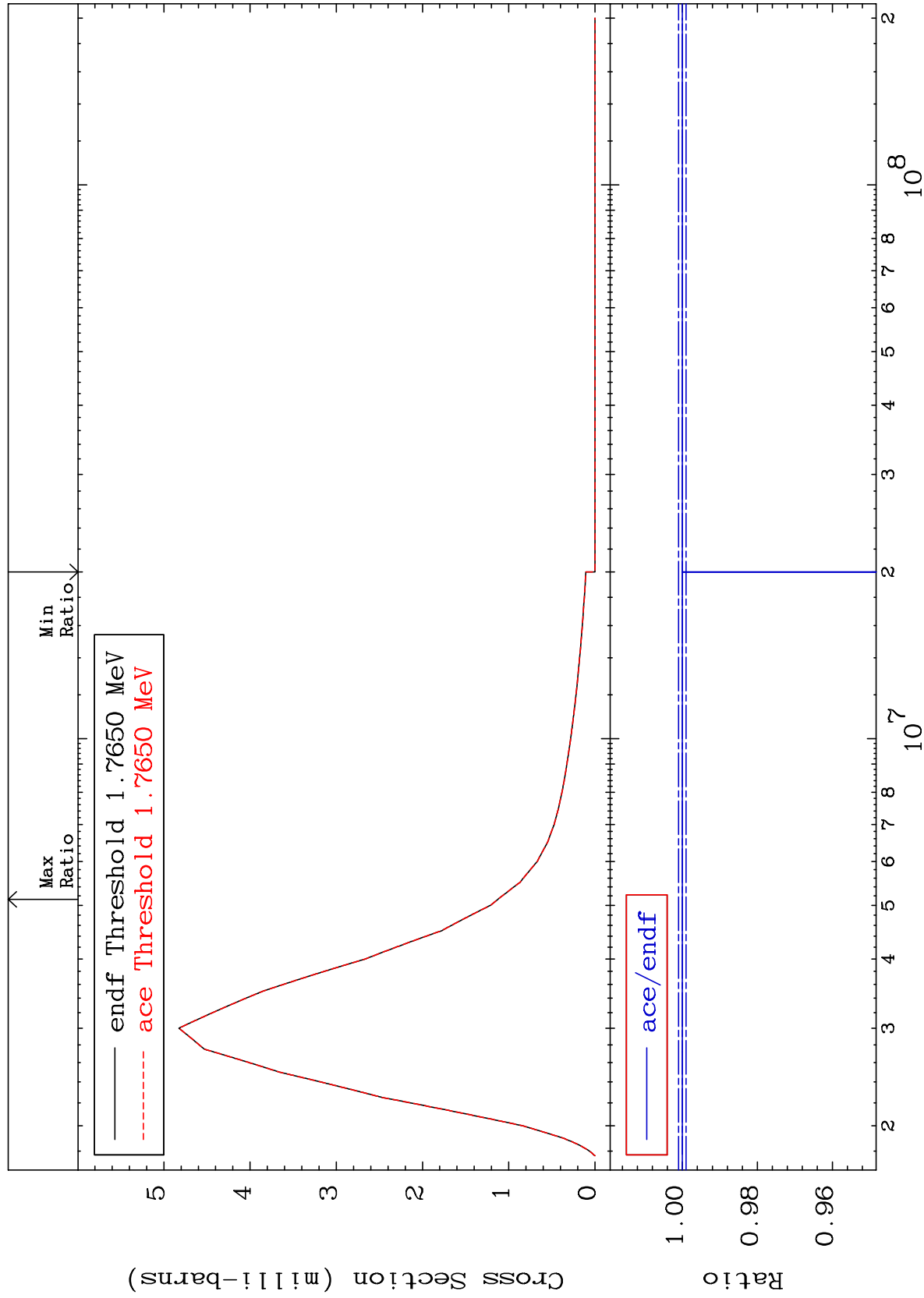
Incident Energy (eV)

64-Gd-156

MAT 6437

1.754 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



41

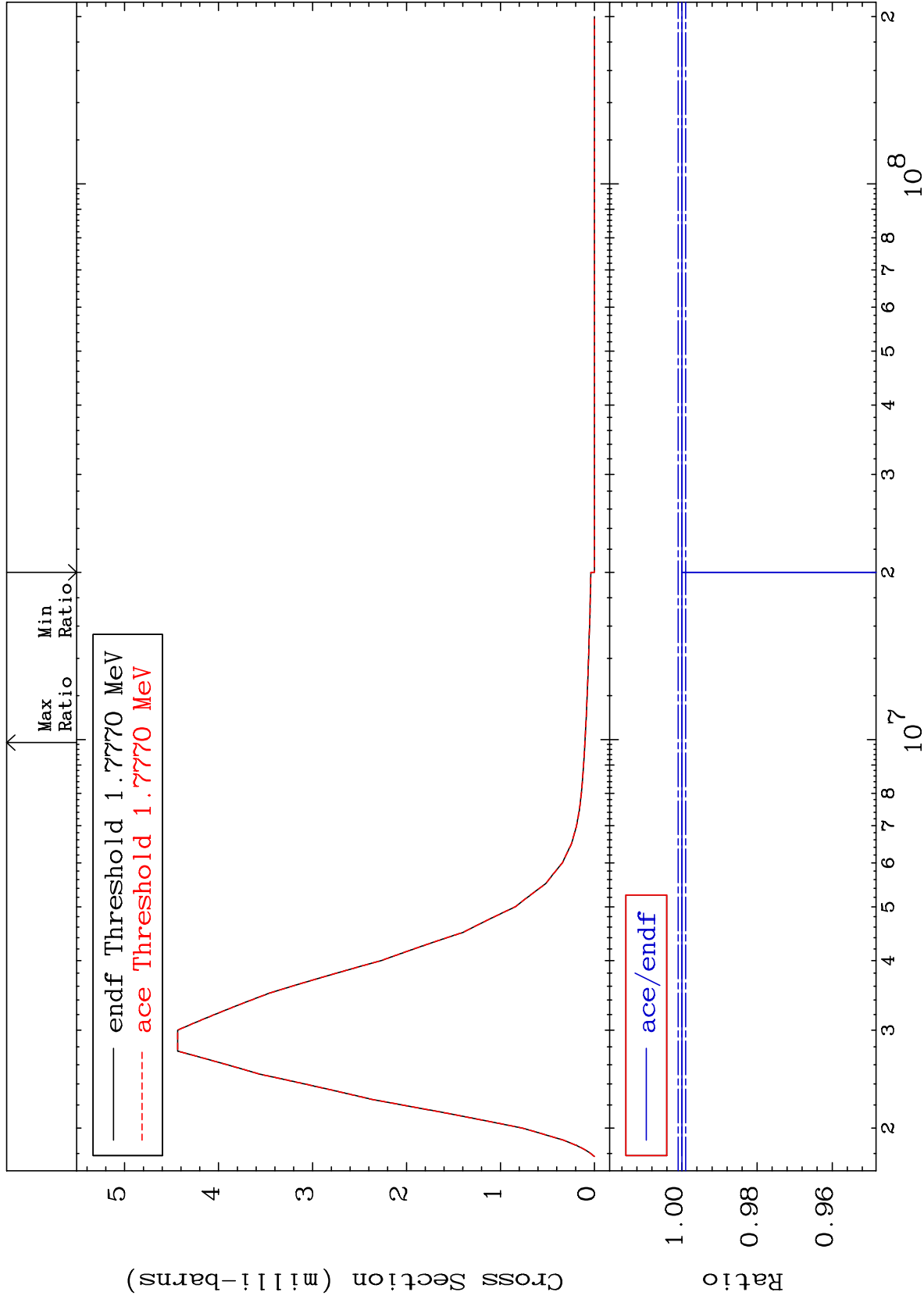
Incident Energy (eV)

64-Gd-156

MAT 6437

1.766 MeV (n,n') Level
Cross Section

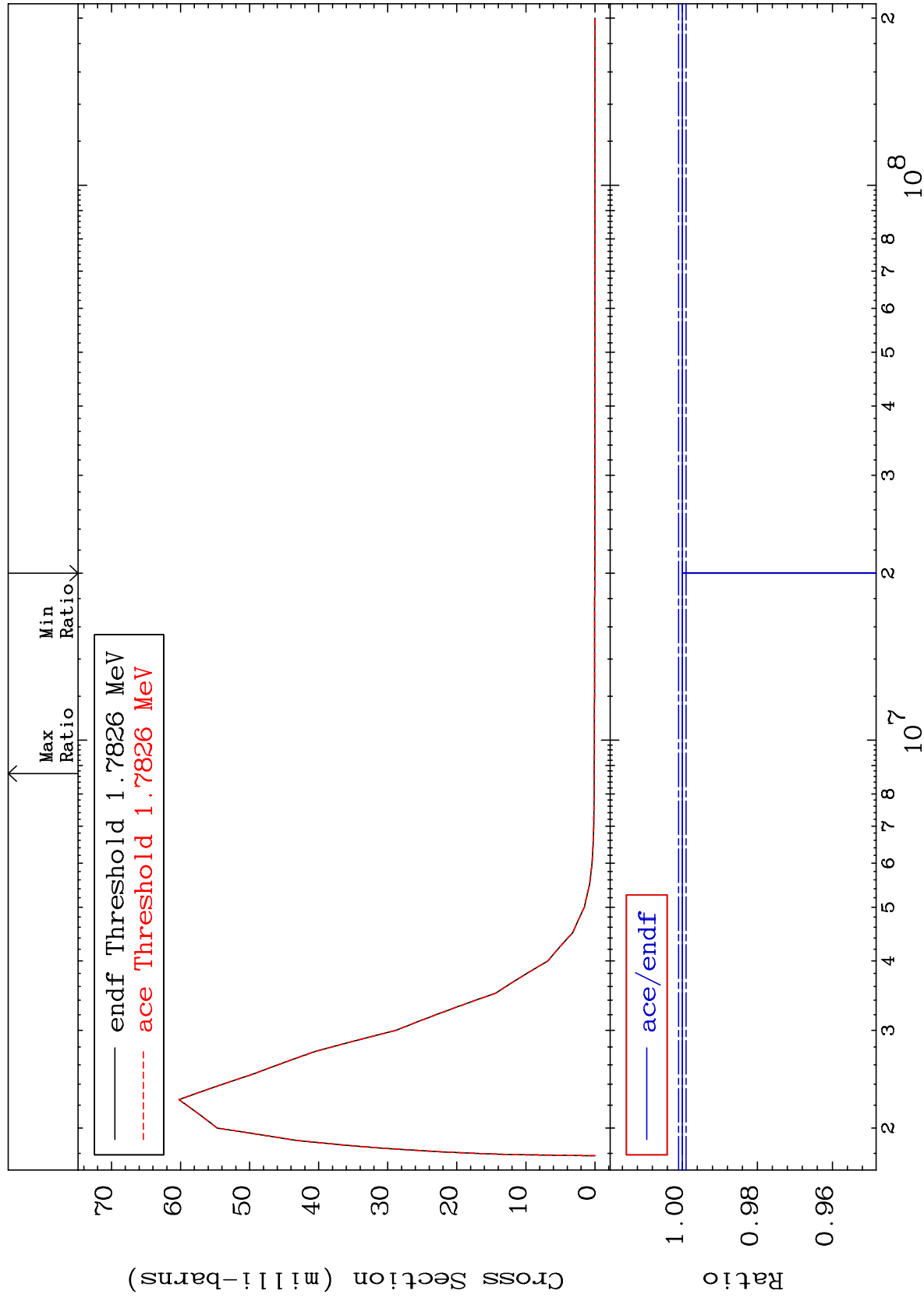
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.771 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



43

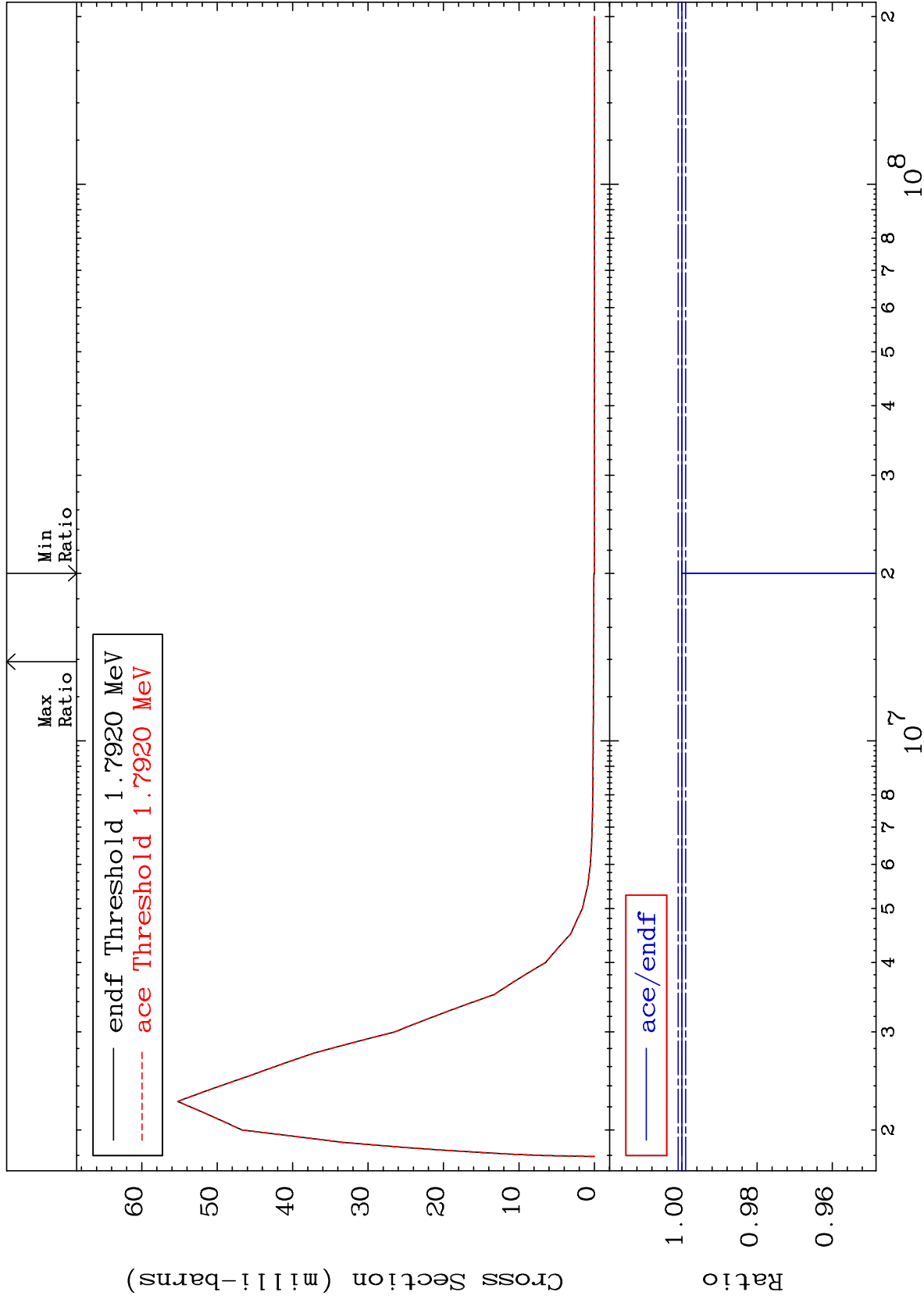
Incident Energy (eV)

64-Gd-156

MAT 6437

1.780 MeV (n,n') Level
Cross Section

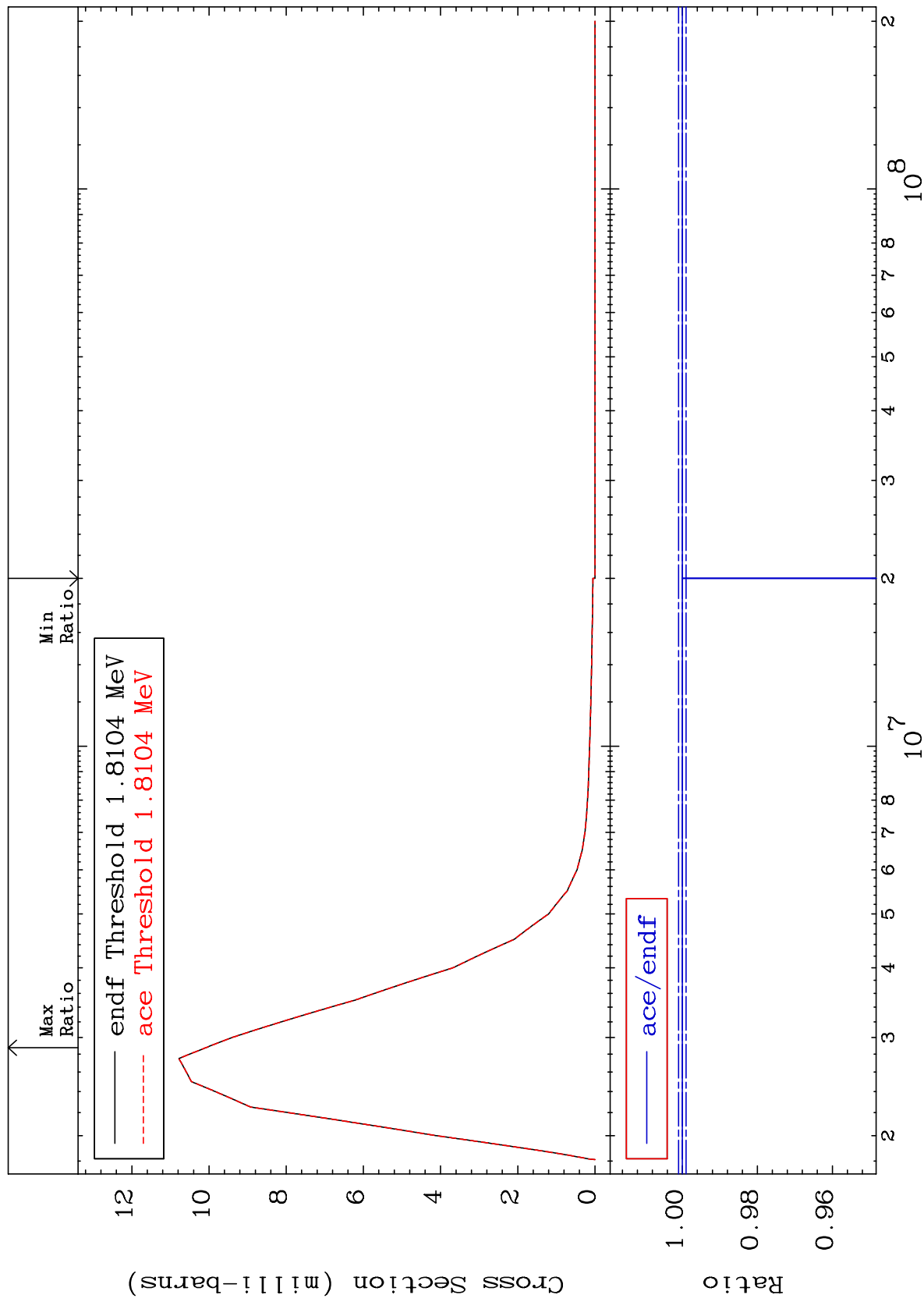
64-Gd-156
-100.0 To 0.000 %



MAT 6437

1.799 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %

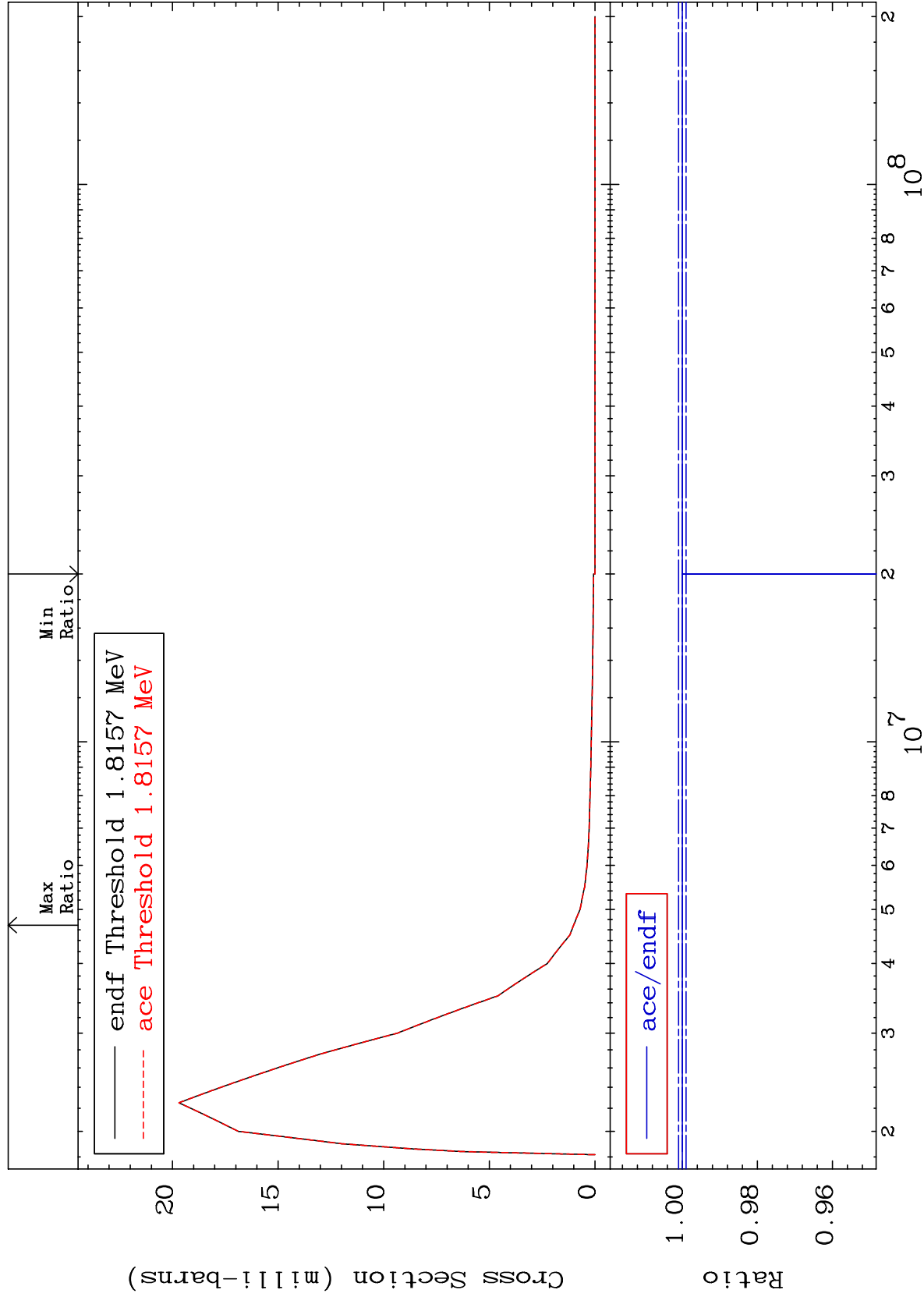


45

MAT 6437

1.804 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



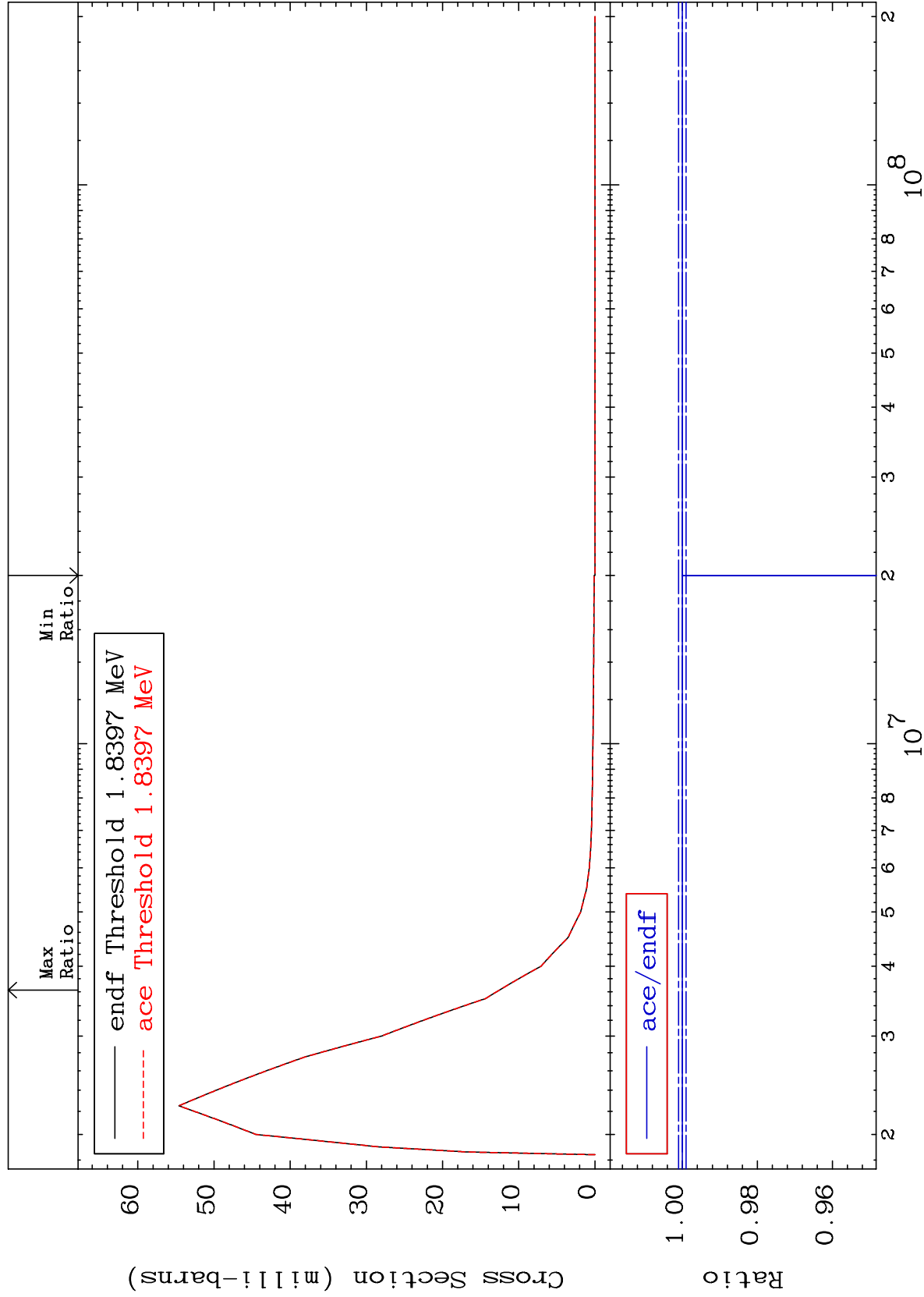
46

64-Gd-156

MAT 6437

1.828 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



47

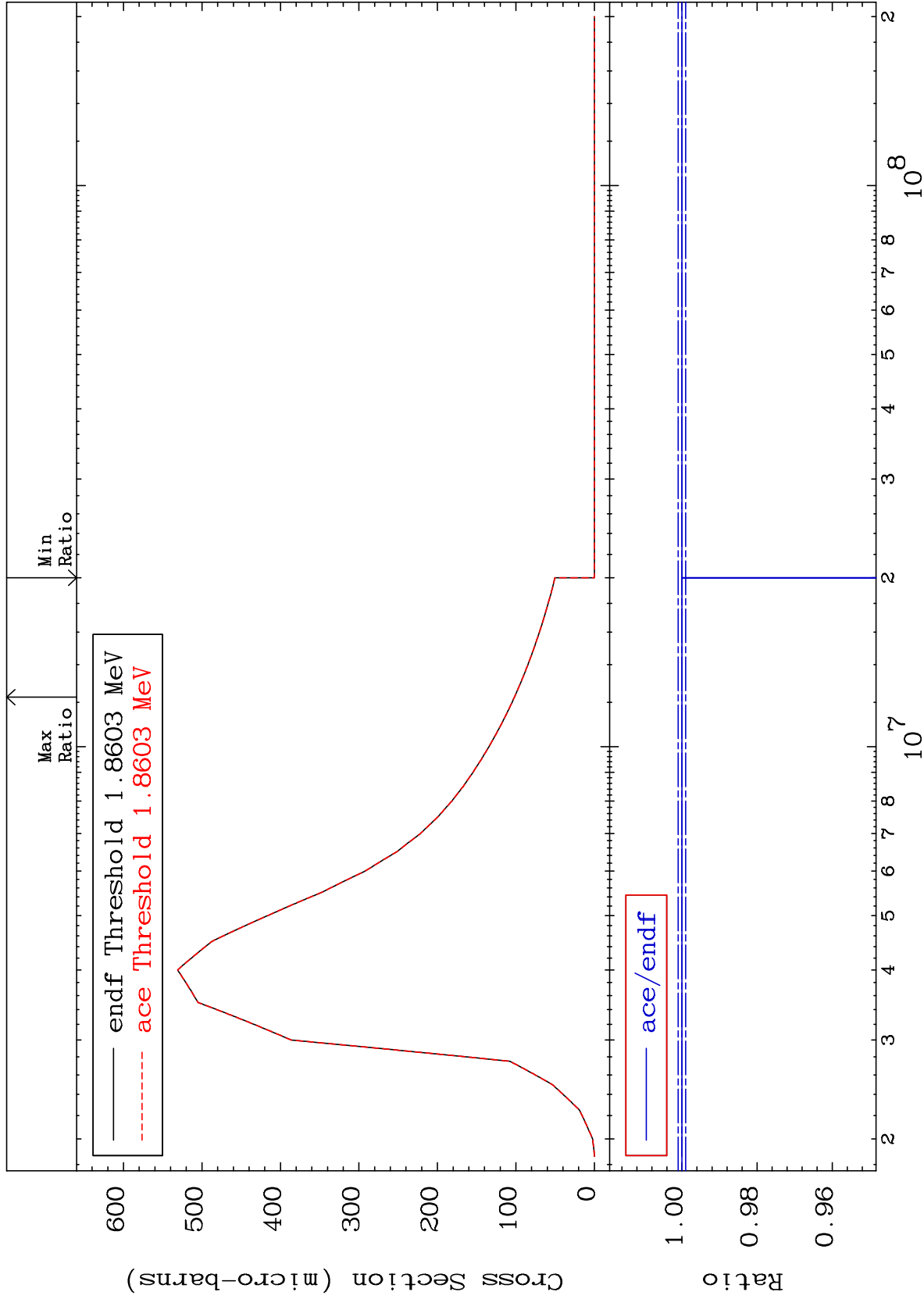
Incident Energy (eV)

64-Gd-156

MAT 6437

1.848 MeV (n,n') Level
Cross Section

64-Gd-156
-100.0 To 0.000 %



48

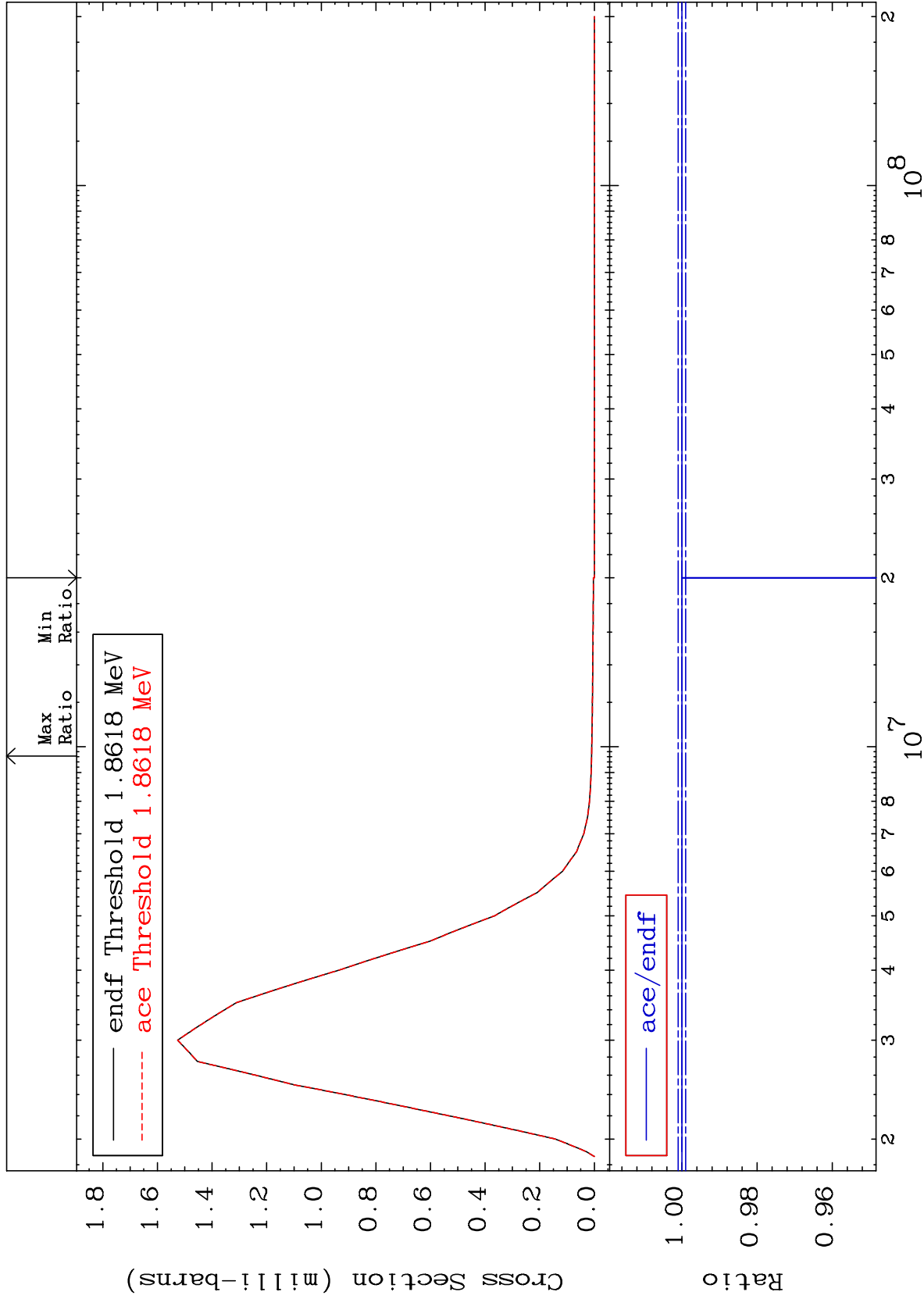
Incident Energy (eV)

64-Gd-156

MAT 6437

1.850 MeV (n,n') Level
Cross Section

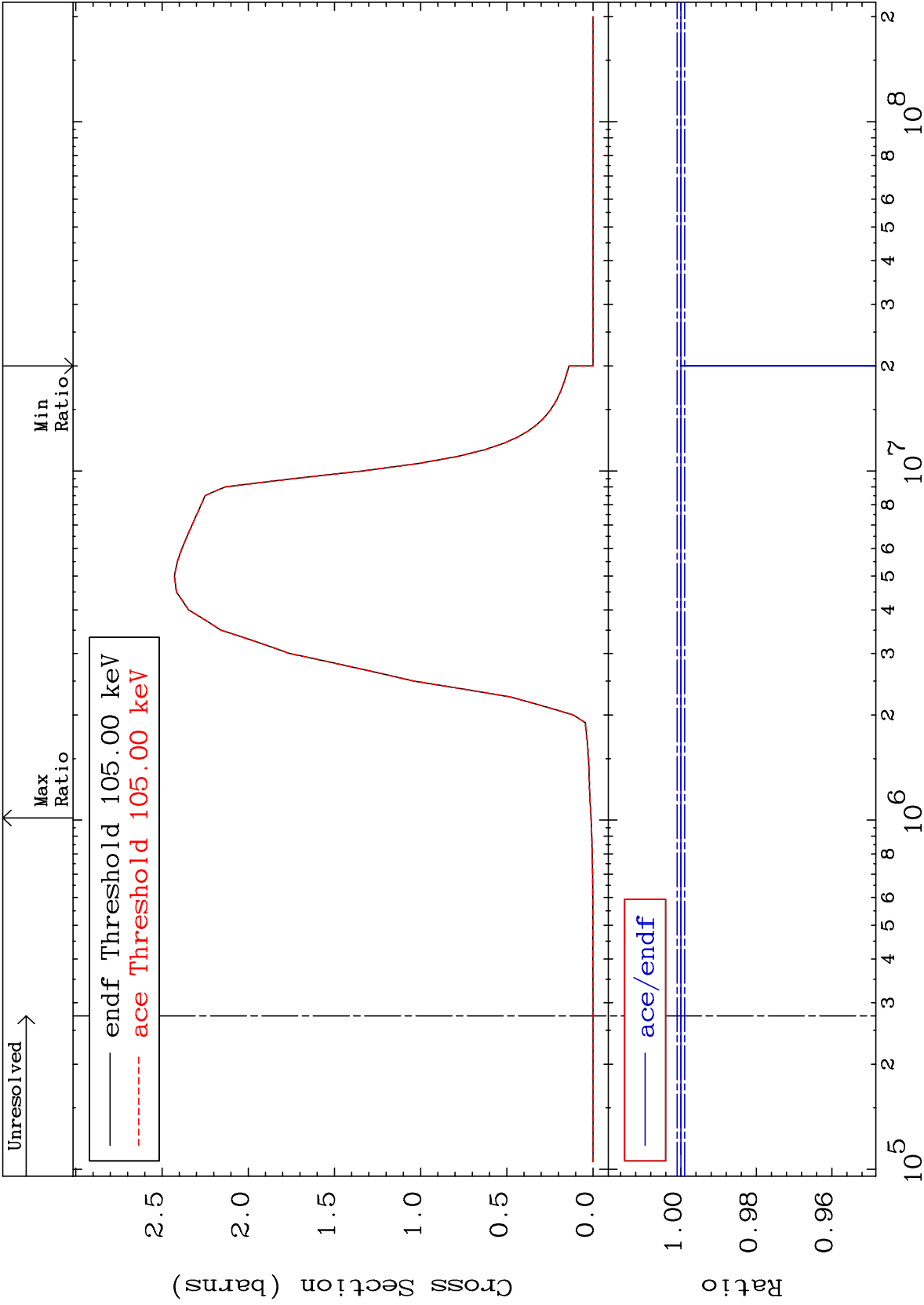
64-Gd-156
-100.0 To 0.000 %



MAT 6437

(n,n') Continuum
Cross Section

64-Gd-156
-100.0 To 0.000 %



50

Incident Energy (eV)

64-Gd-156

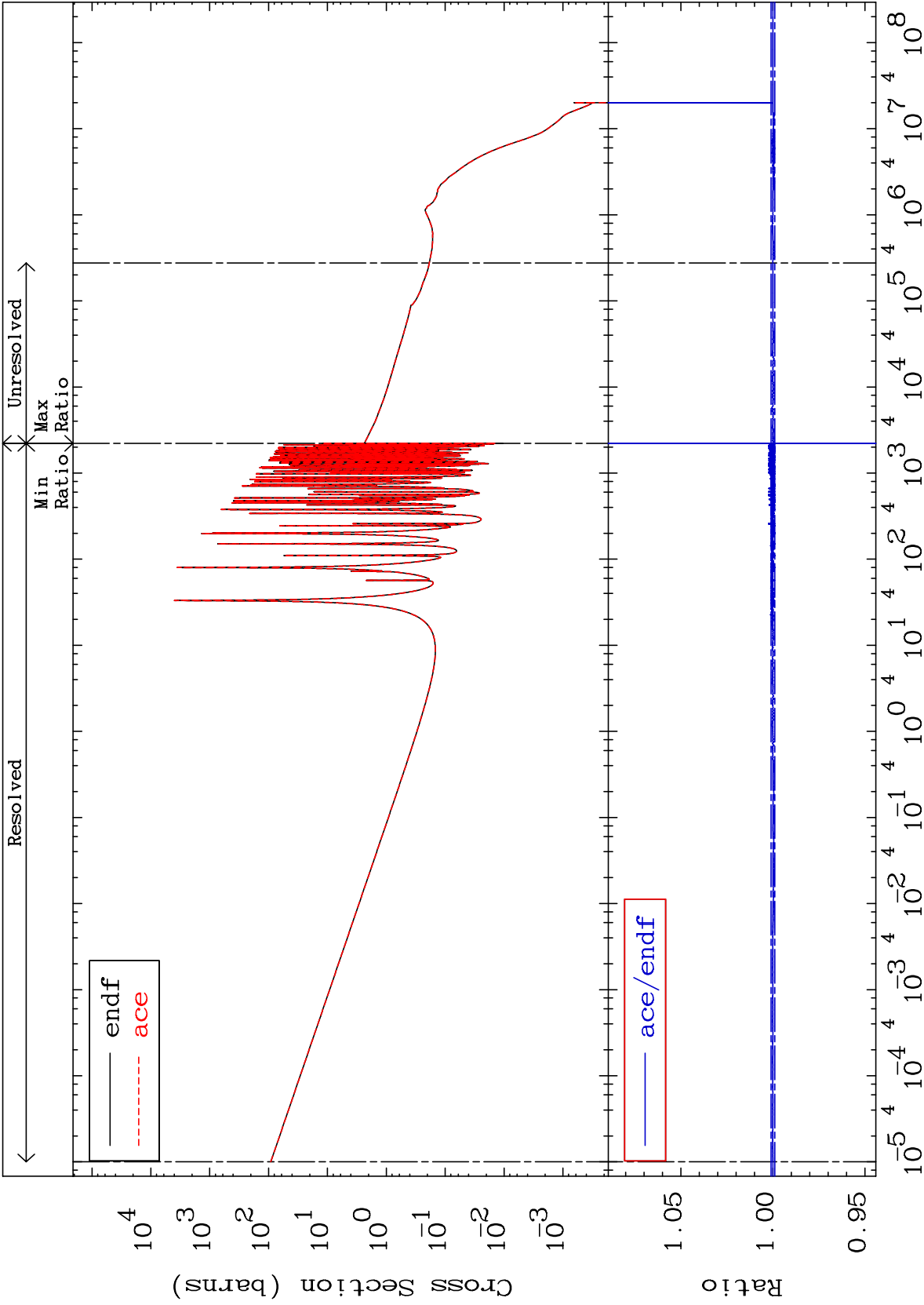
MAT 6437

(n, γ)

64-Gd-156

Cross Section

-24.91 To 9999. %



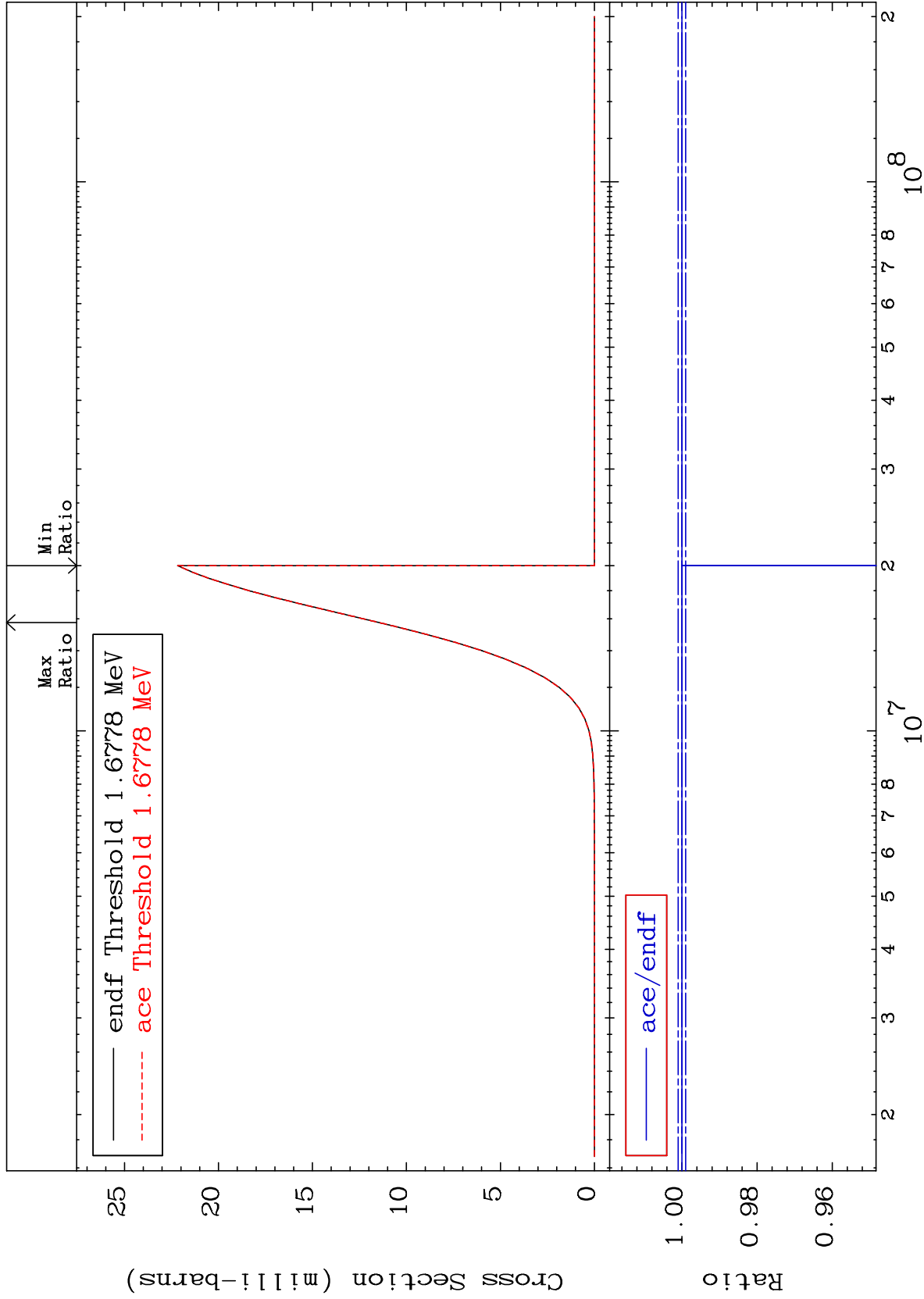
51

Incident Energy (eV)

64-Gd-156

MAT 6437

(n,p)
Cross Section
64-Gd-156
-100.0 To 0.000 %



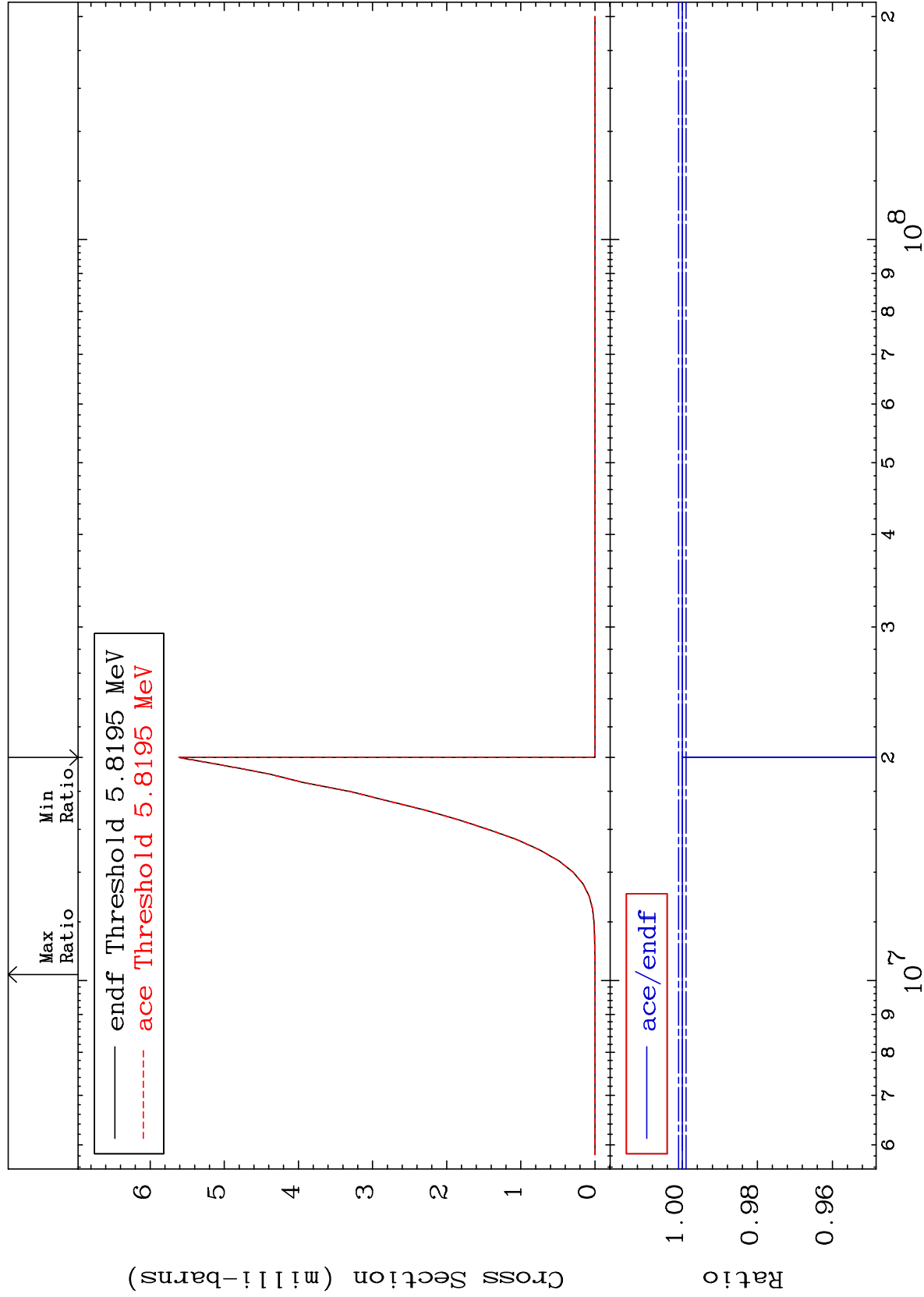
MAT 6437

(n, d)

64-Gd-156

Cross Section

-100.0 To 0.000 %



53

64-Gd-156

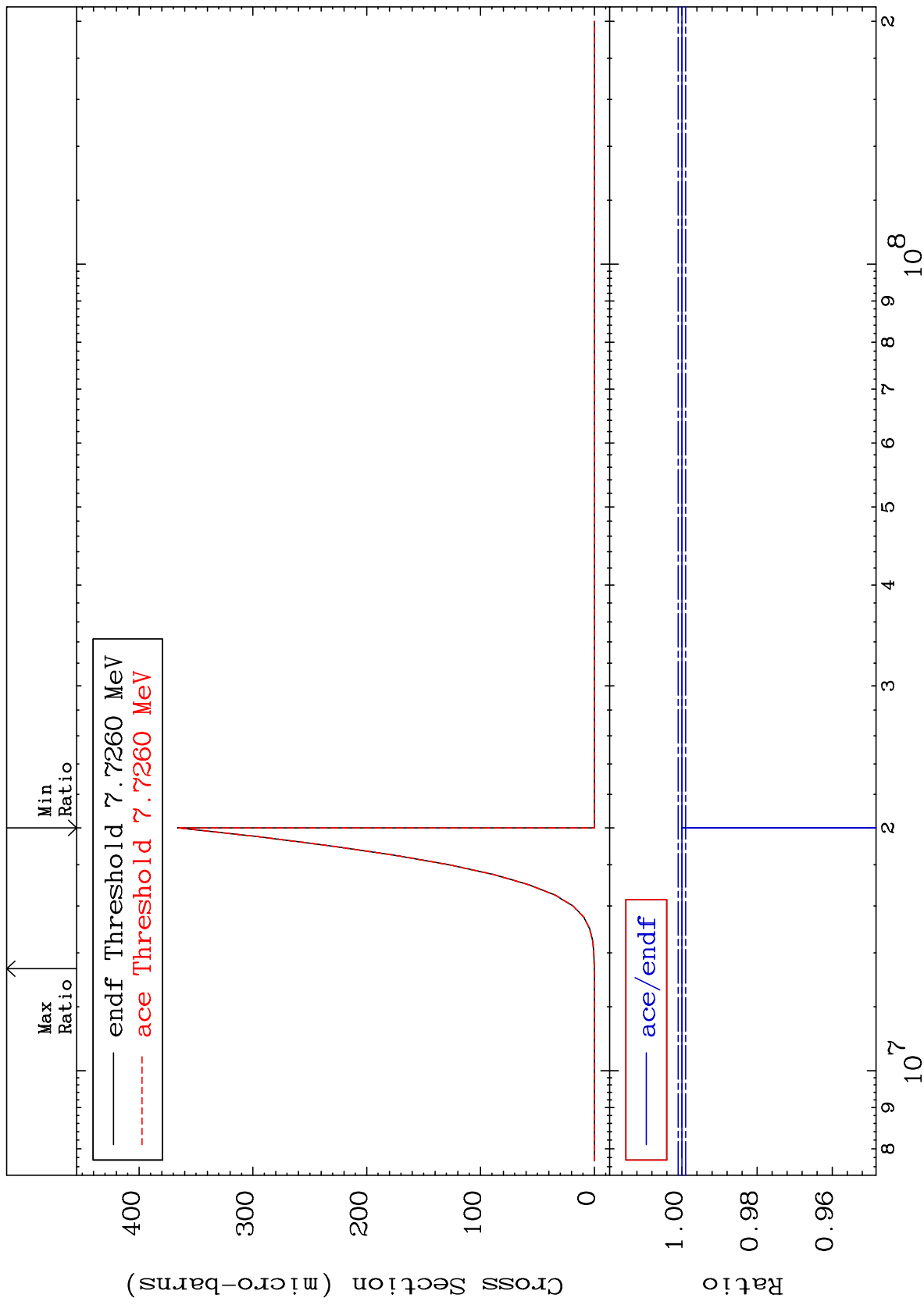
MAT 6437

(n, t)

64-Gd-156

Cross Section

-100.0 To 0.000 %



54

64-Gd-156

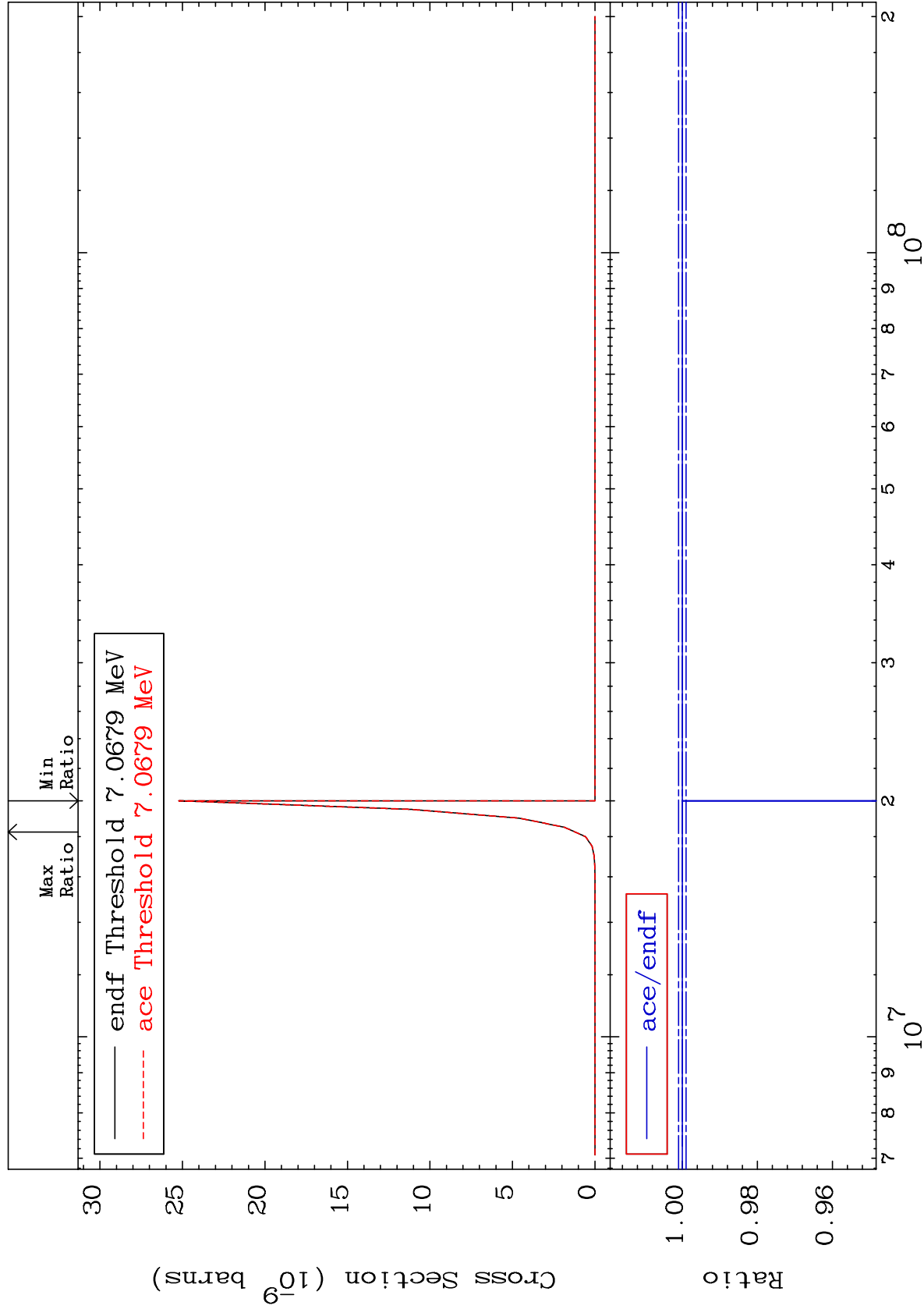
MAT 6437

(n, He-3)

64-Gd-156

Cross Section

-100.0 To 0.000 %



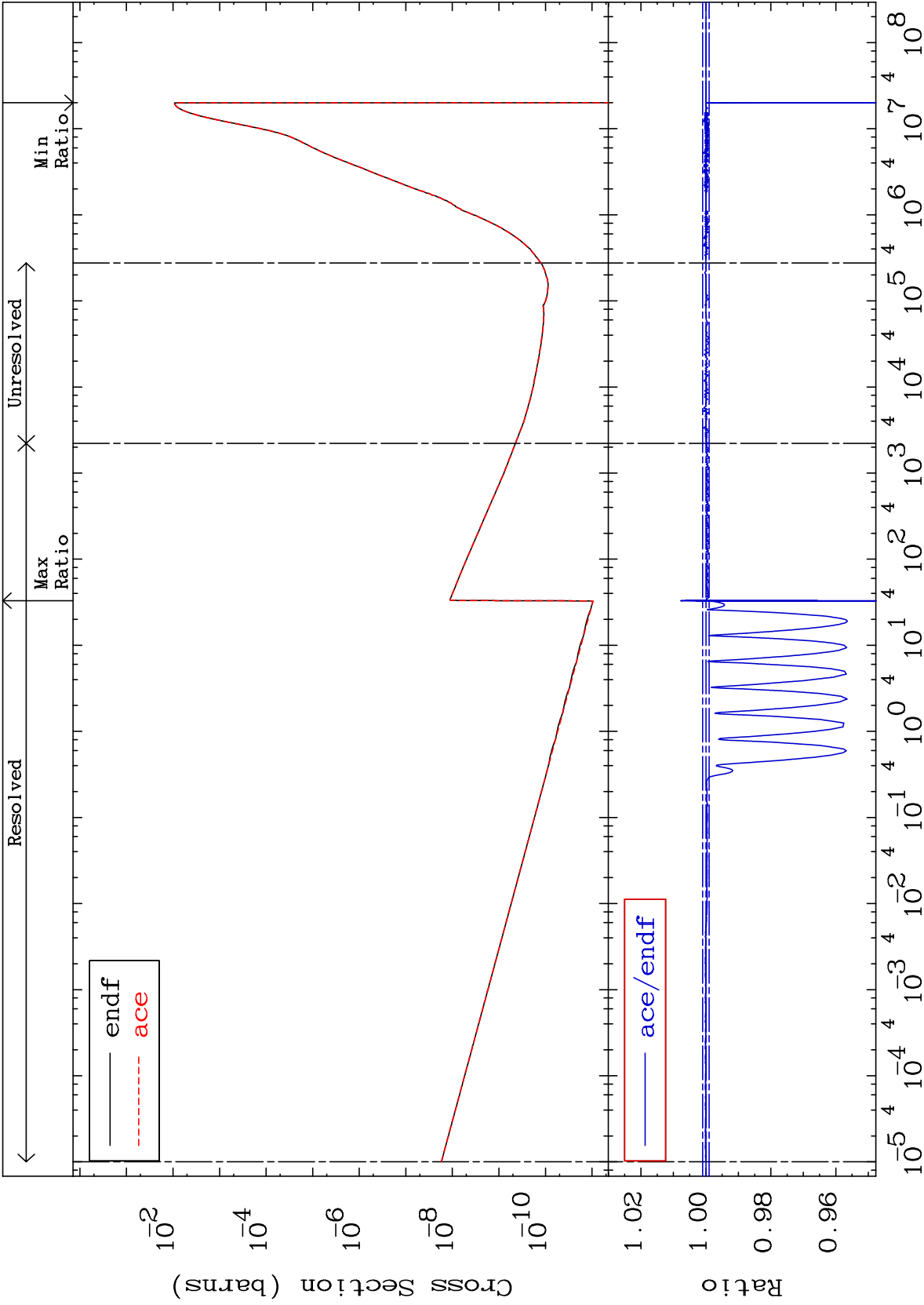
MAT 6437

(n, α)

64-Gd-156

Cross Section

-100.0 To 0.769 %



56

Incident Energy (eV)

64-Gd-156