

Program Complot
(Version 2015-2)

by

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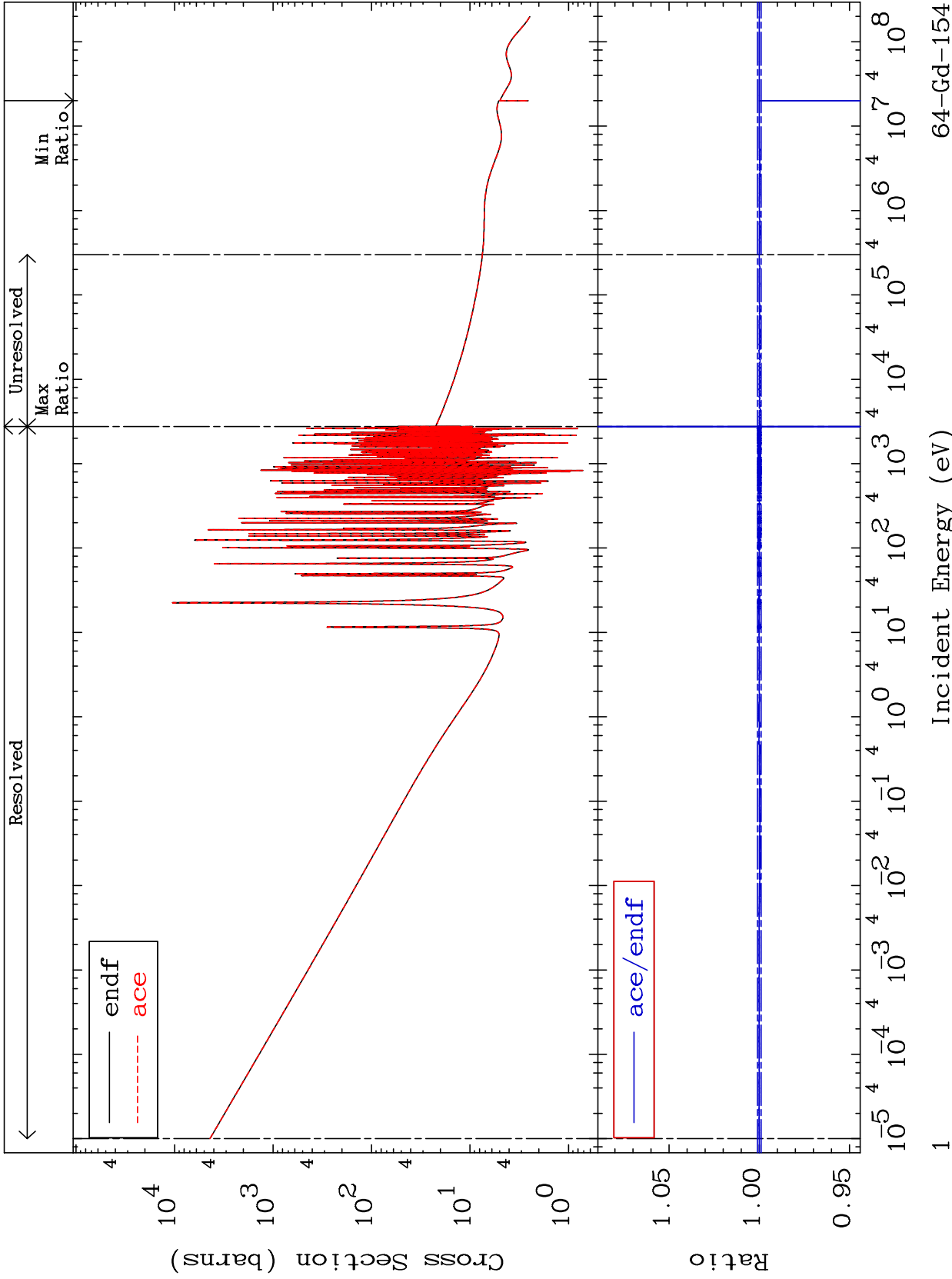
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6431

Total
Cross Section

64-Gd-154
-49.75 To 61.57 %

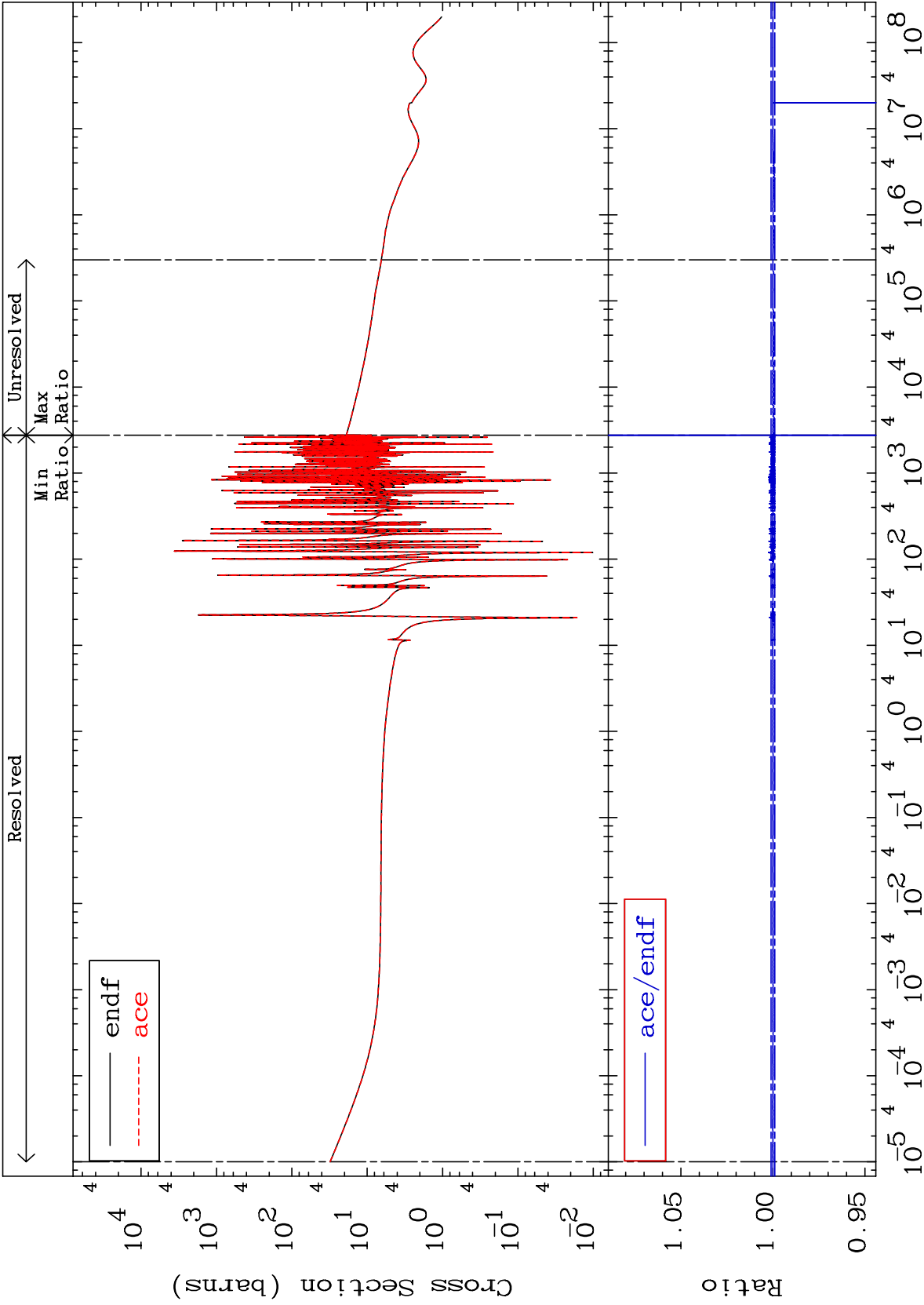


64-Gd-154

MAT 6431

Elastic
Cross Section

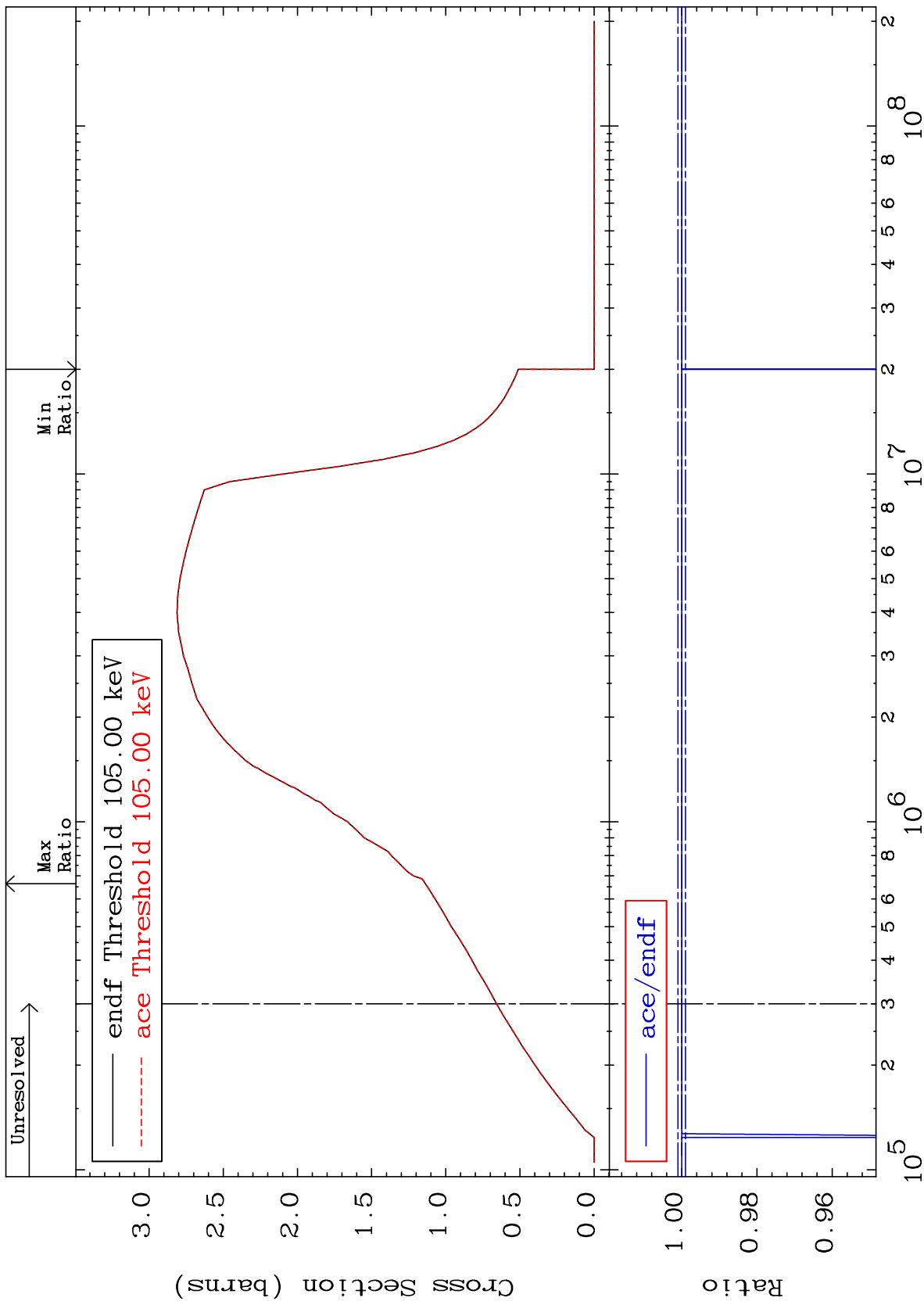
64-Gd-154
-8.741 To 40.96 %



MAT 6431

Inelastic
Cross Section

64-Gd-154
-100.0 To 0.000 %



3

Incident Energy (eV)

64-Gd-154

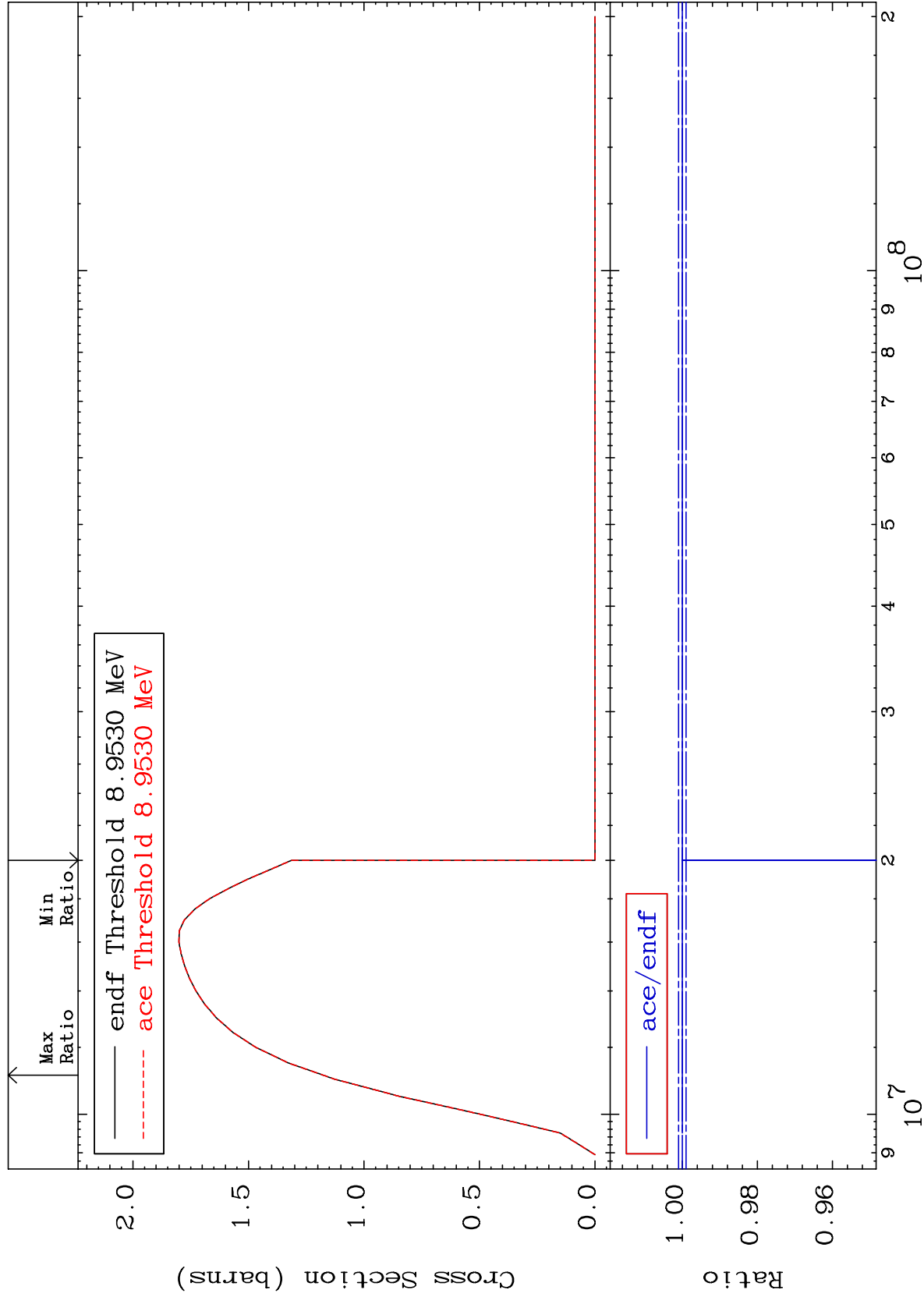
MAT 6431

(n, 2n)

64-Gd-154

Cross Section

-100.0 To 0.000 %

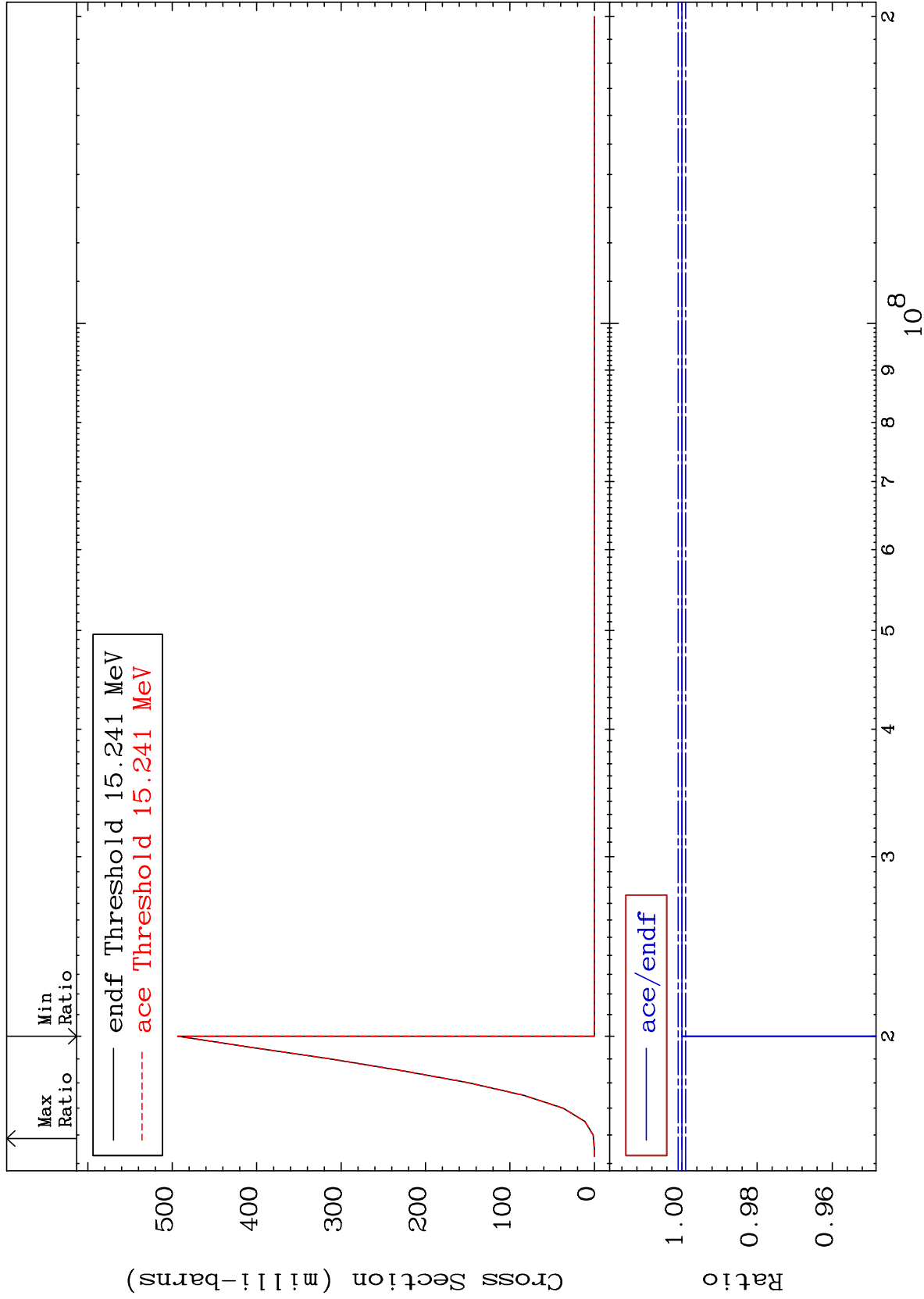


64-Gd-154

MAT 6431

(n, 3n)
Cross Section

64-Gd-154
-100.0 To 0.000 %



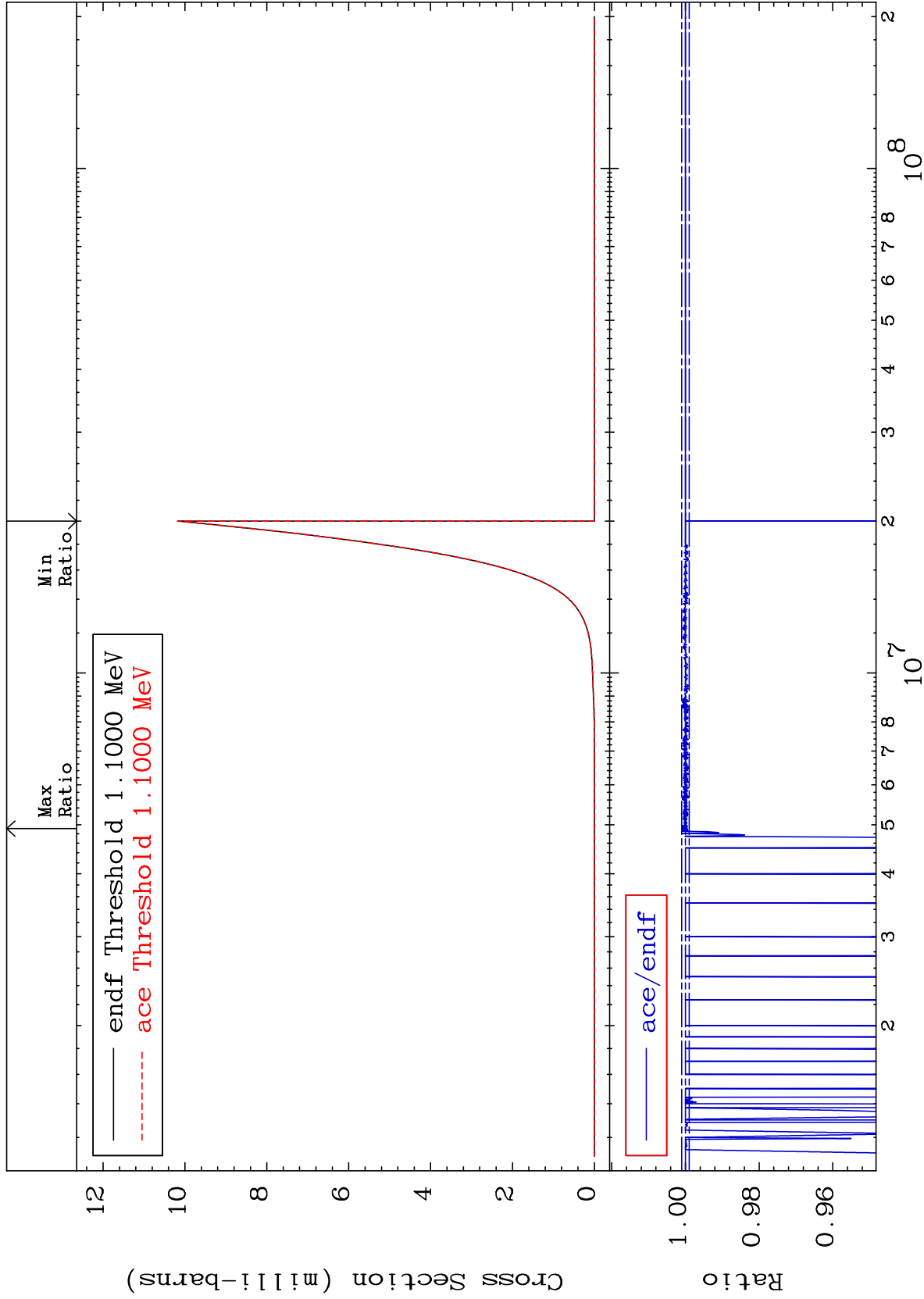
5

64-Gd-154

MAT 6431

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

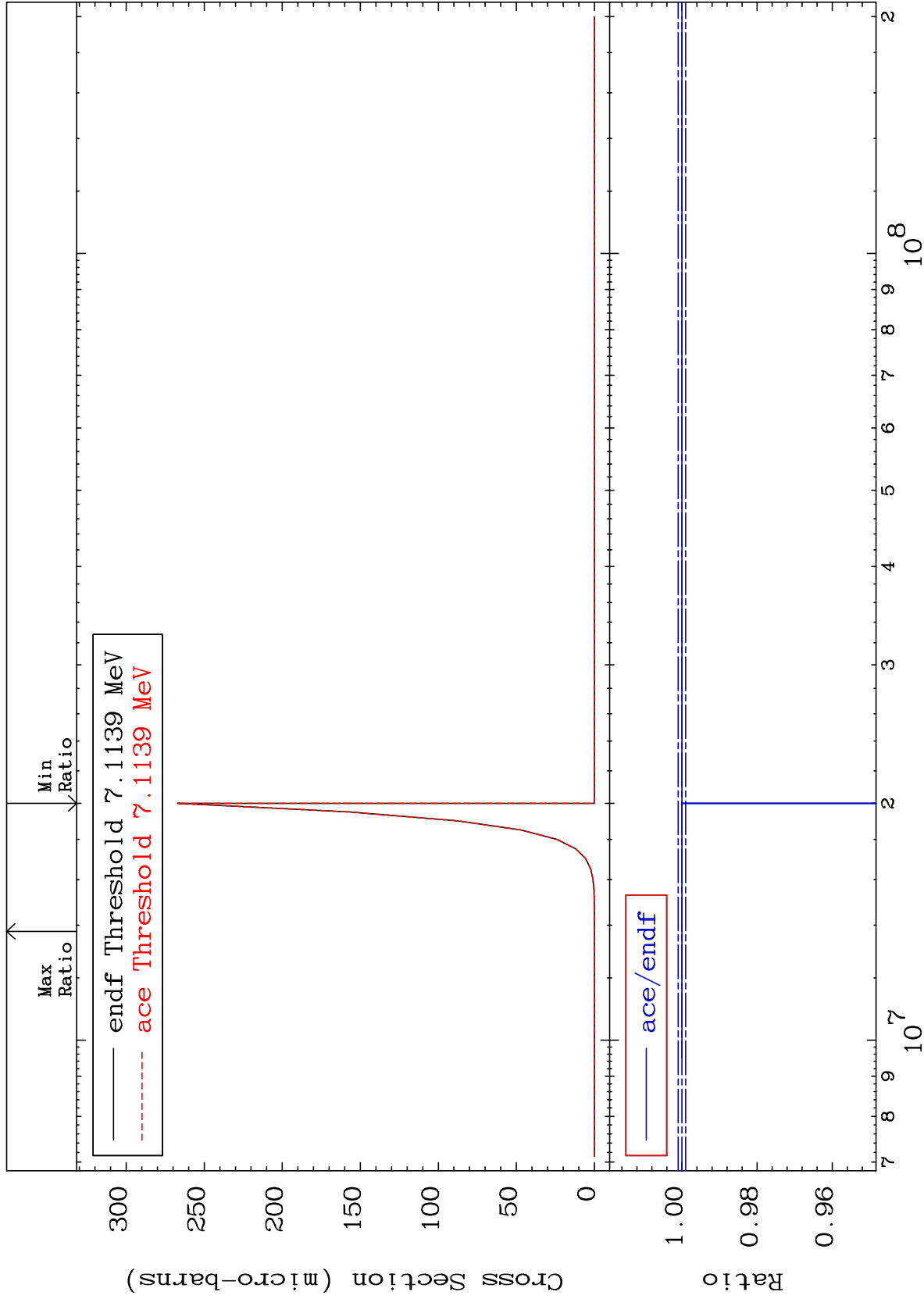
64-Gd-154
-100.0 To 0.095 %



MAT 6431

(n,2n) α
Cross Section

64-Gd-154
-100.0 To 0.000 %



7

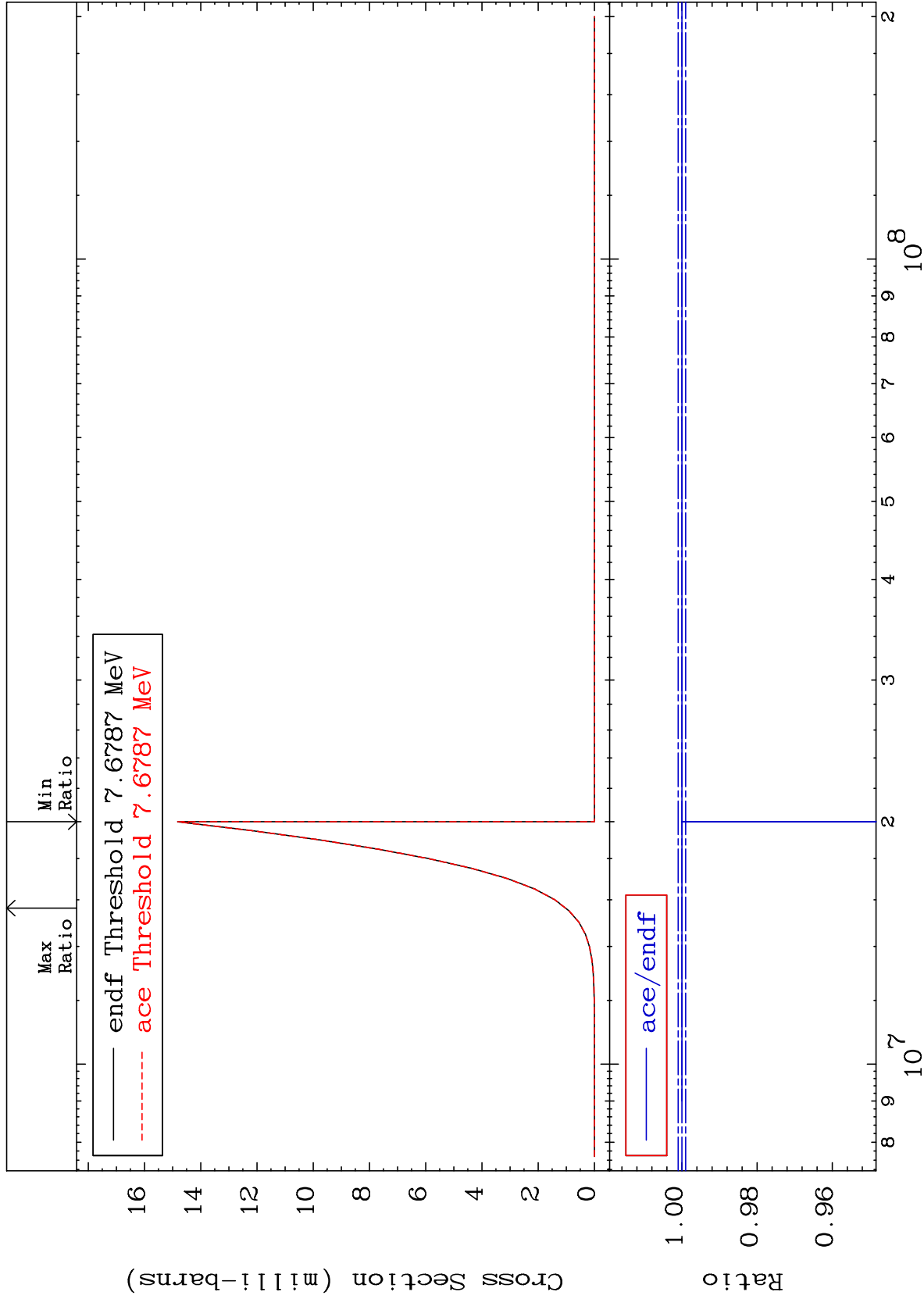
Incident Energy (eV)

64-Gd-154

MAT 6431

(n, n') p
Cross Section

64-Gd-154
-100.0 To 0.000 %



8

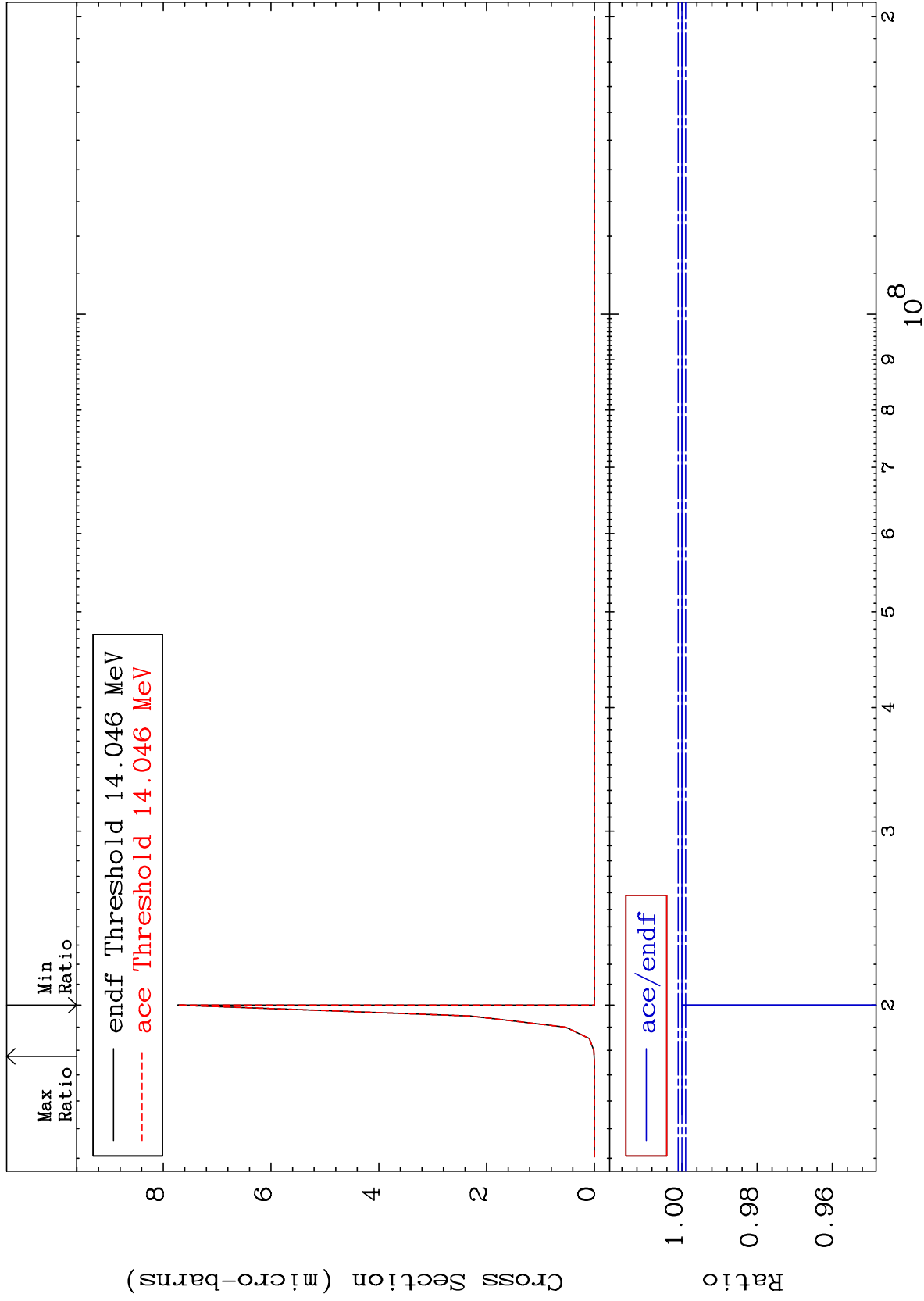
Incident Energy (eV)

64-Gd-154

MAT 6431

(n, n') d
Cross Section

64-Gd-154
-100.0 To 0.000 %



9

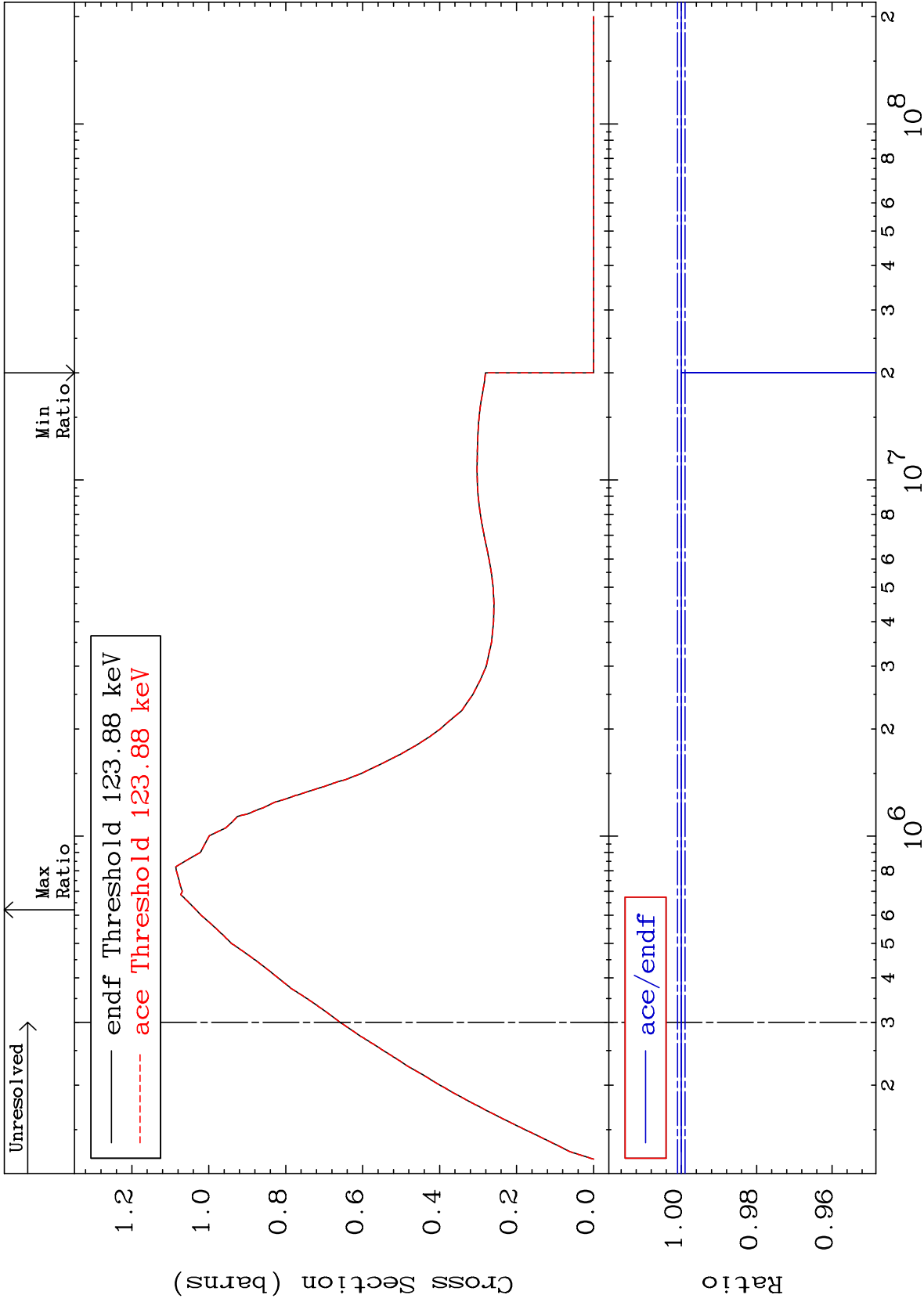
Incident Energy (eV)

64-Gd-154

MAT 6431

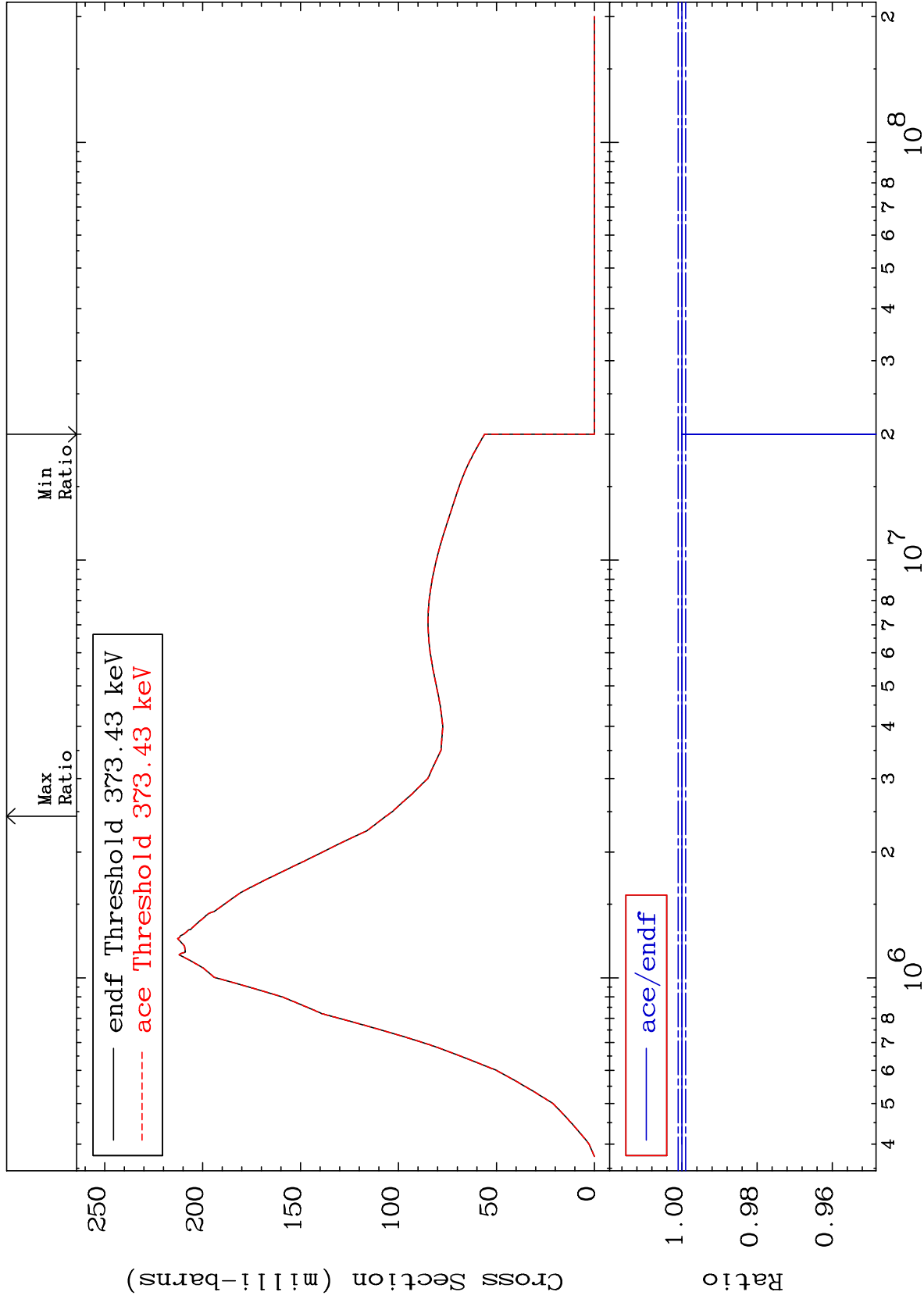
123.1 keV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %



10

MAT 6431 371.0 keV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %

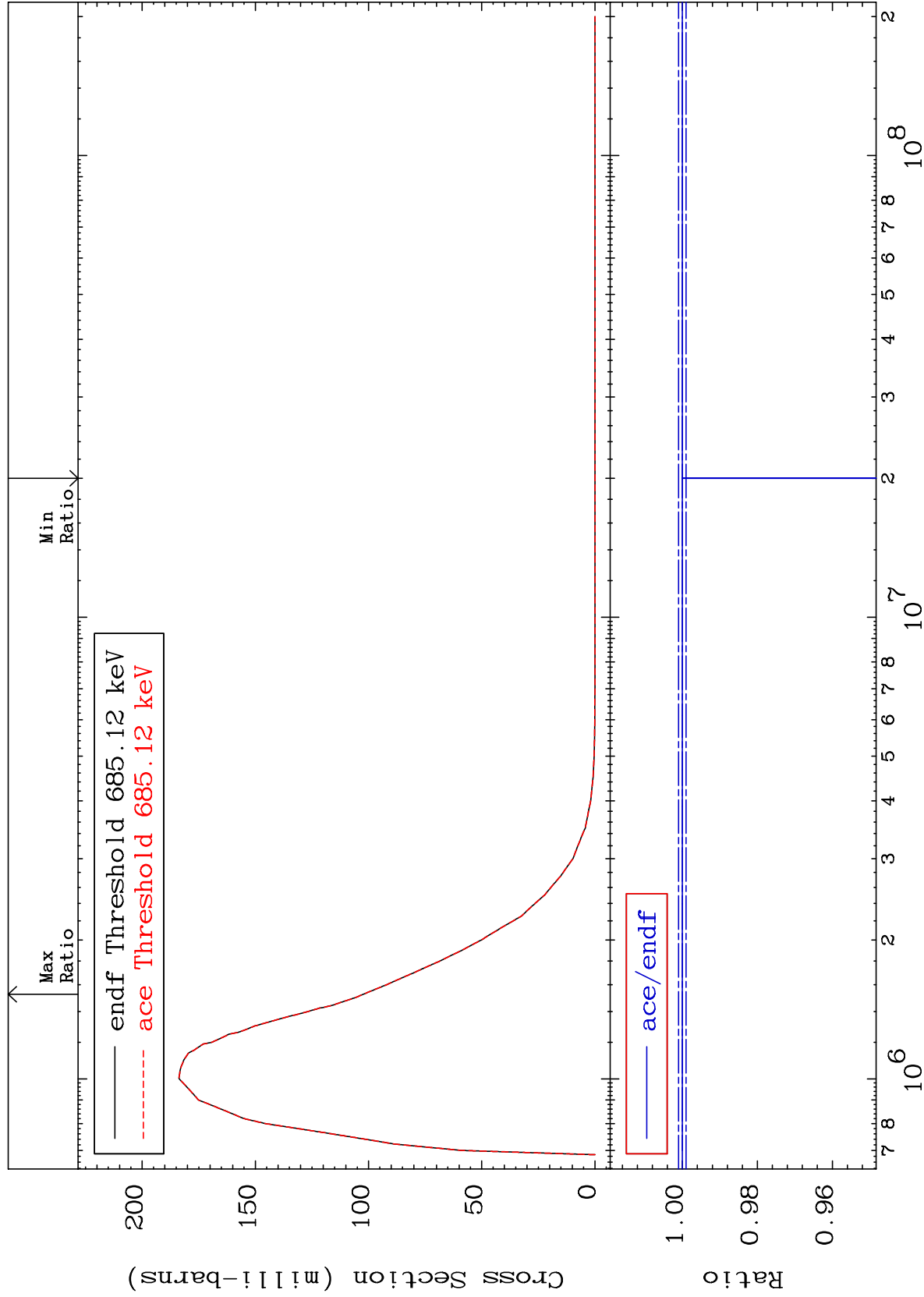


11 64-Gd-154 Incident Energy (eV)

MAT 6431

680.7 keV (n,n') Level
Cross Section

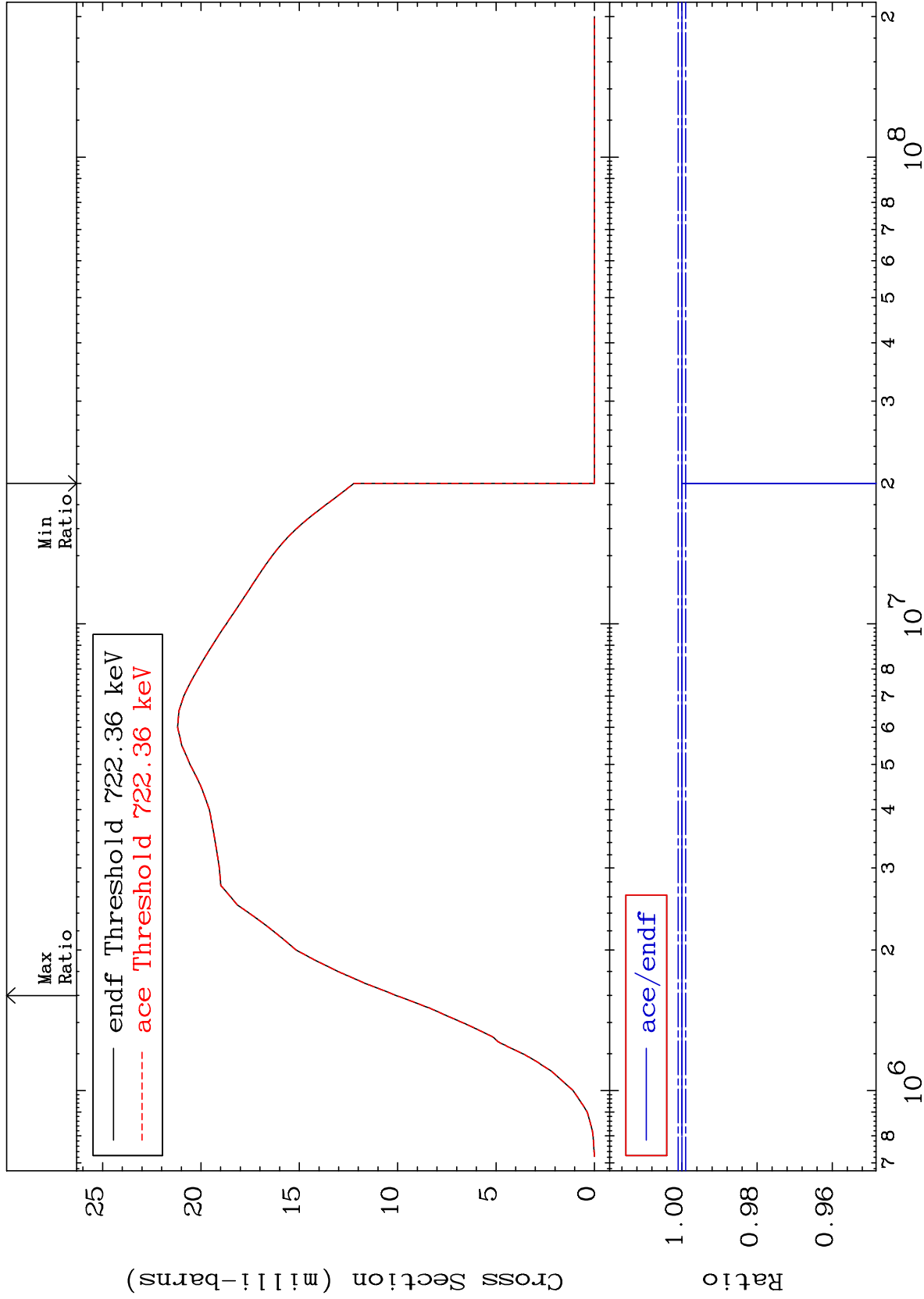
64-Gd-154
-100.0 To 0.000 %



12

64-Gd-154

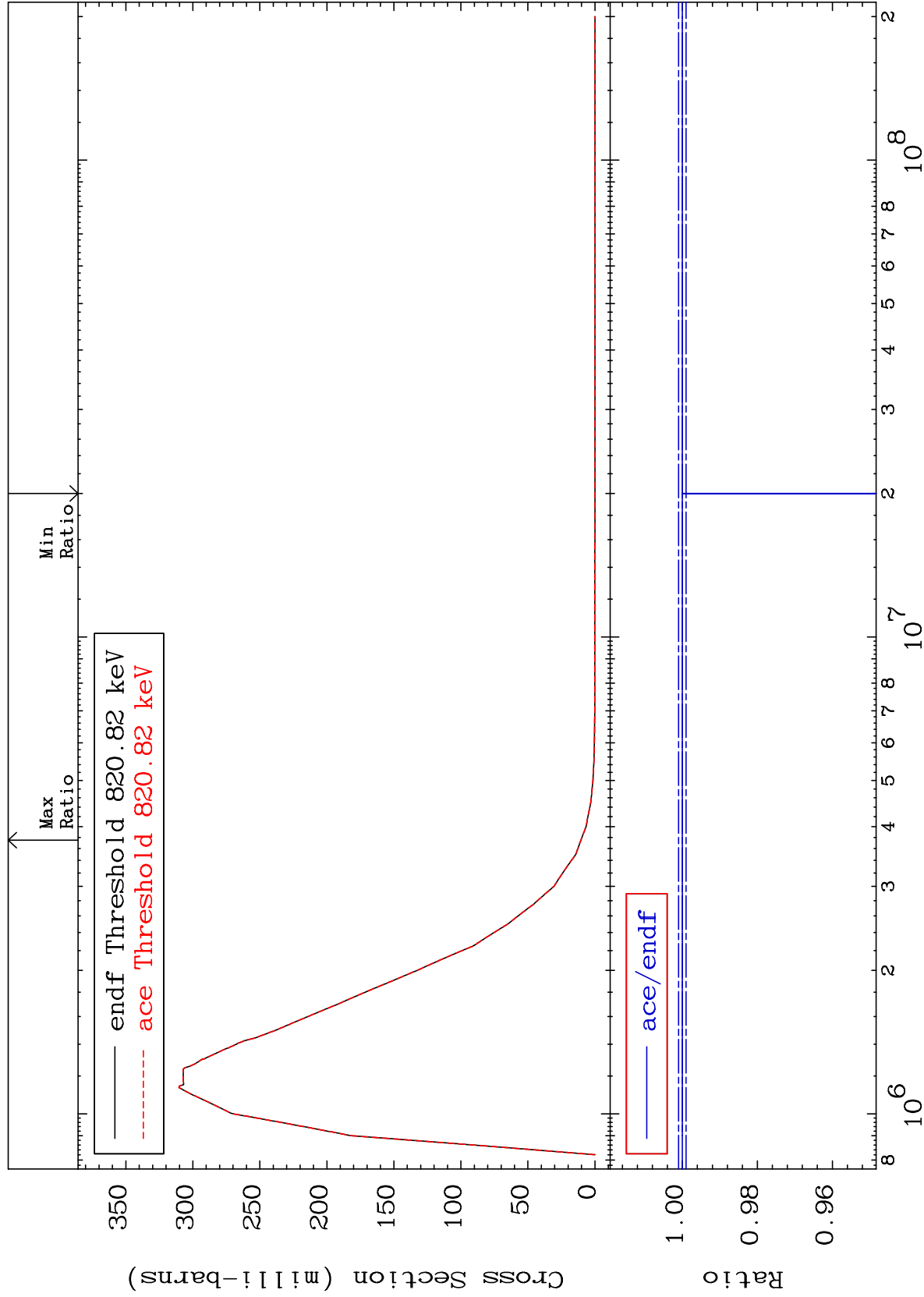
MAT 6431 717.7 keV (n,n') Level 64-Gd-154
Cross Section -100.0 To 0.000 %



MAT 6431

815.5 keV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %



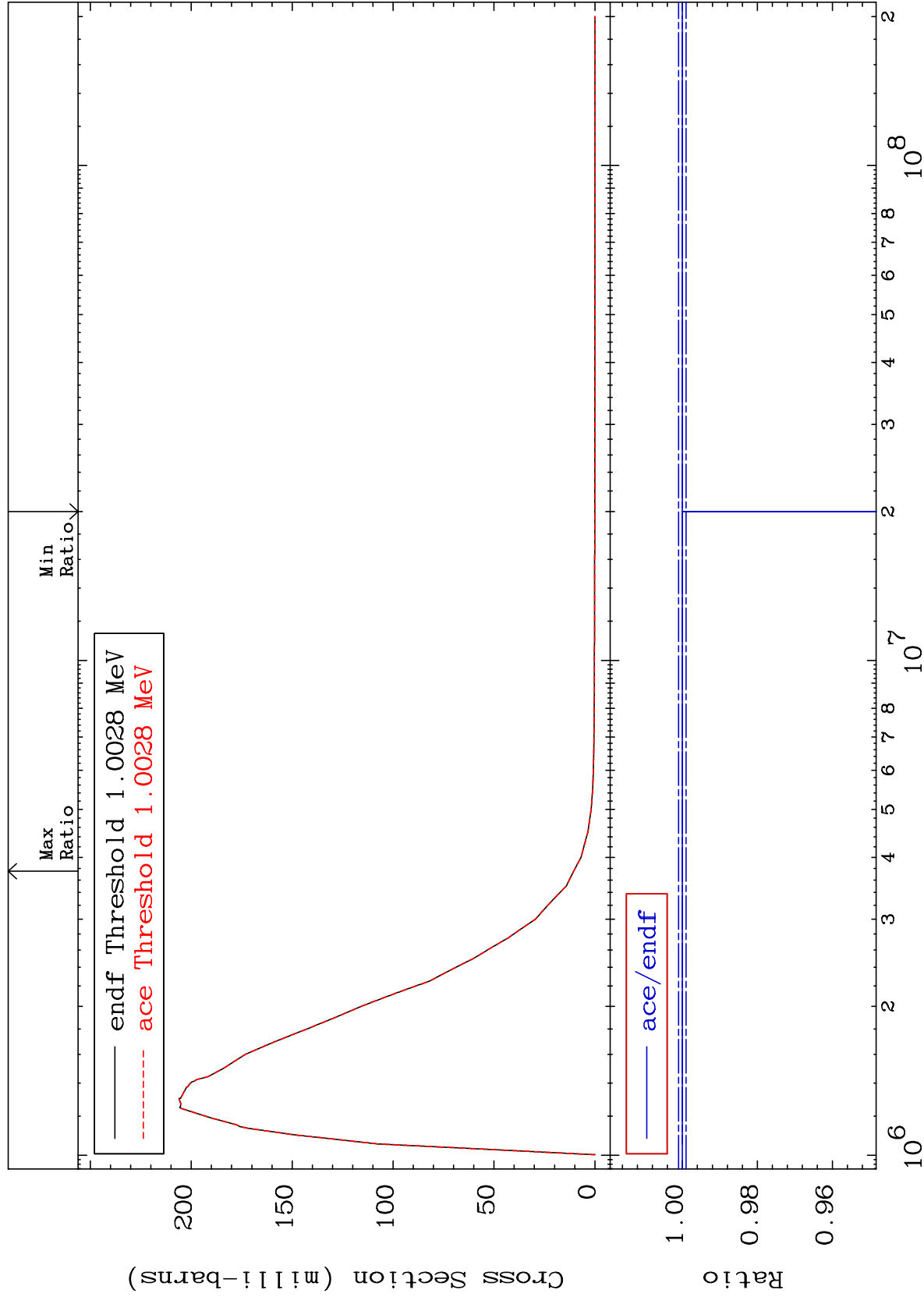
14

64-Gd-154

MAT 6431

996.3 keV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %



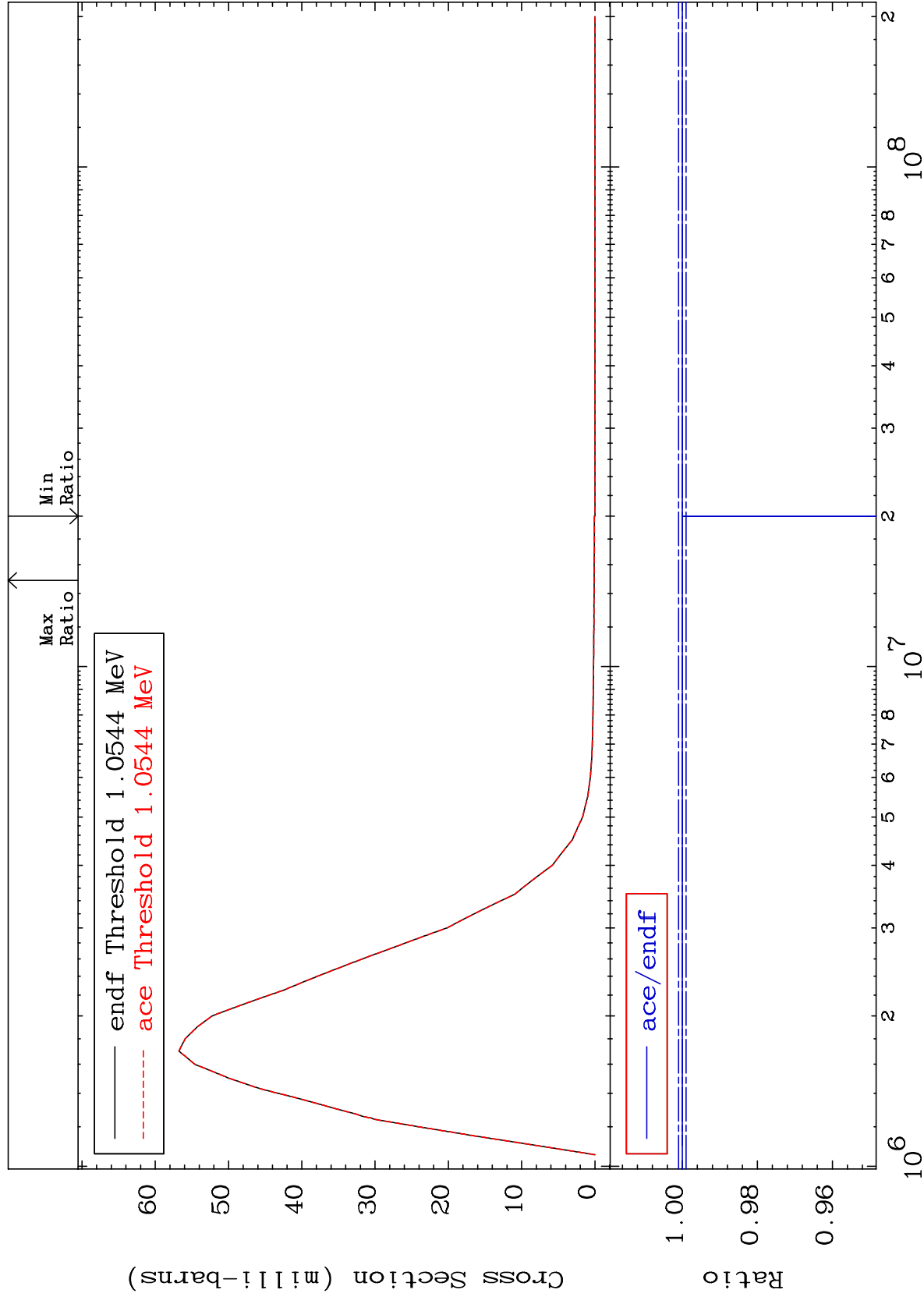
64-Gd-154

15

MAT 6431

1.048 MeV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %

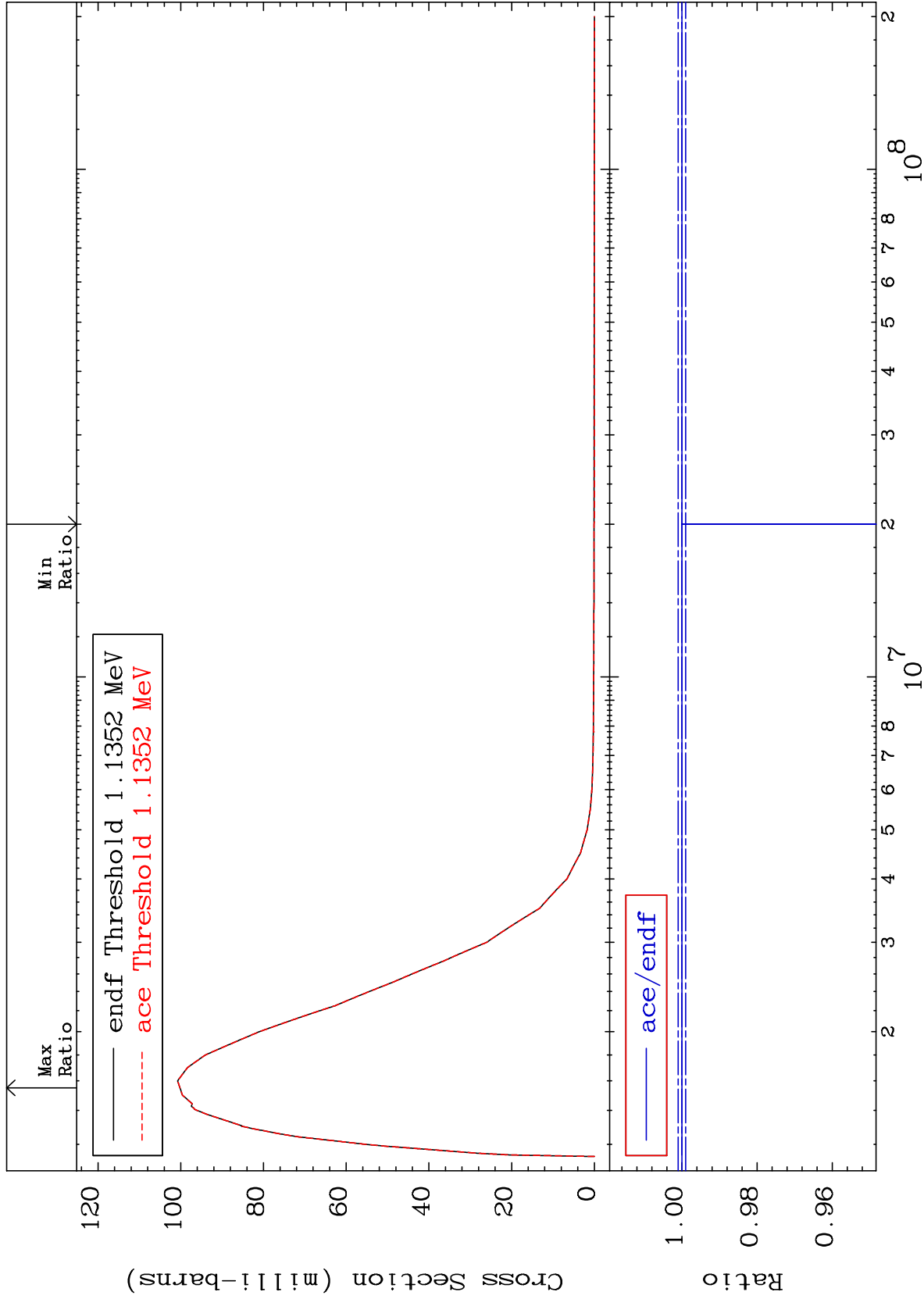


16

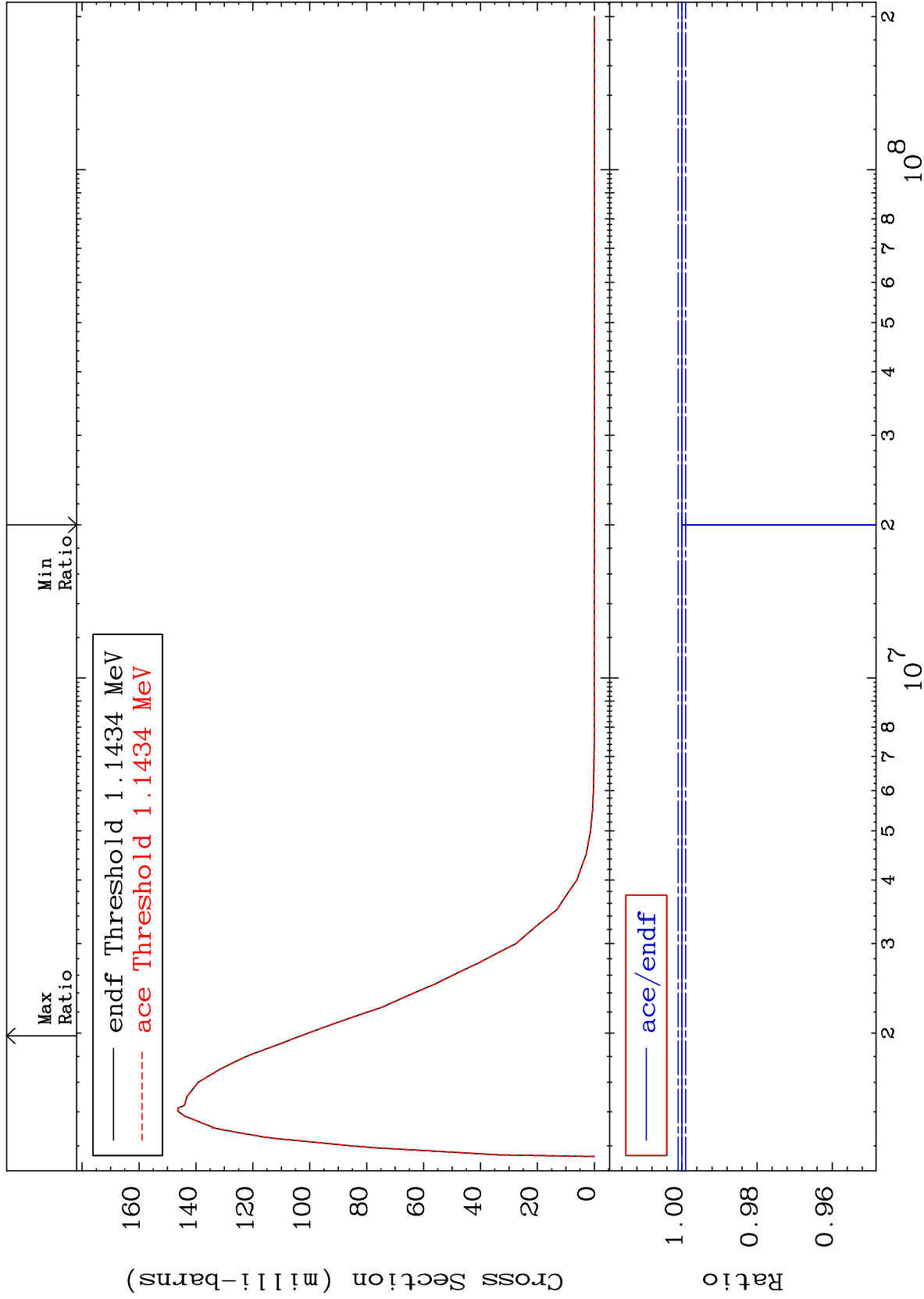
Incident Energy (eV)

64-Gd-154

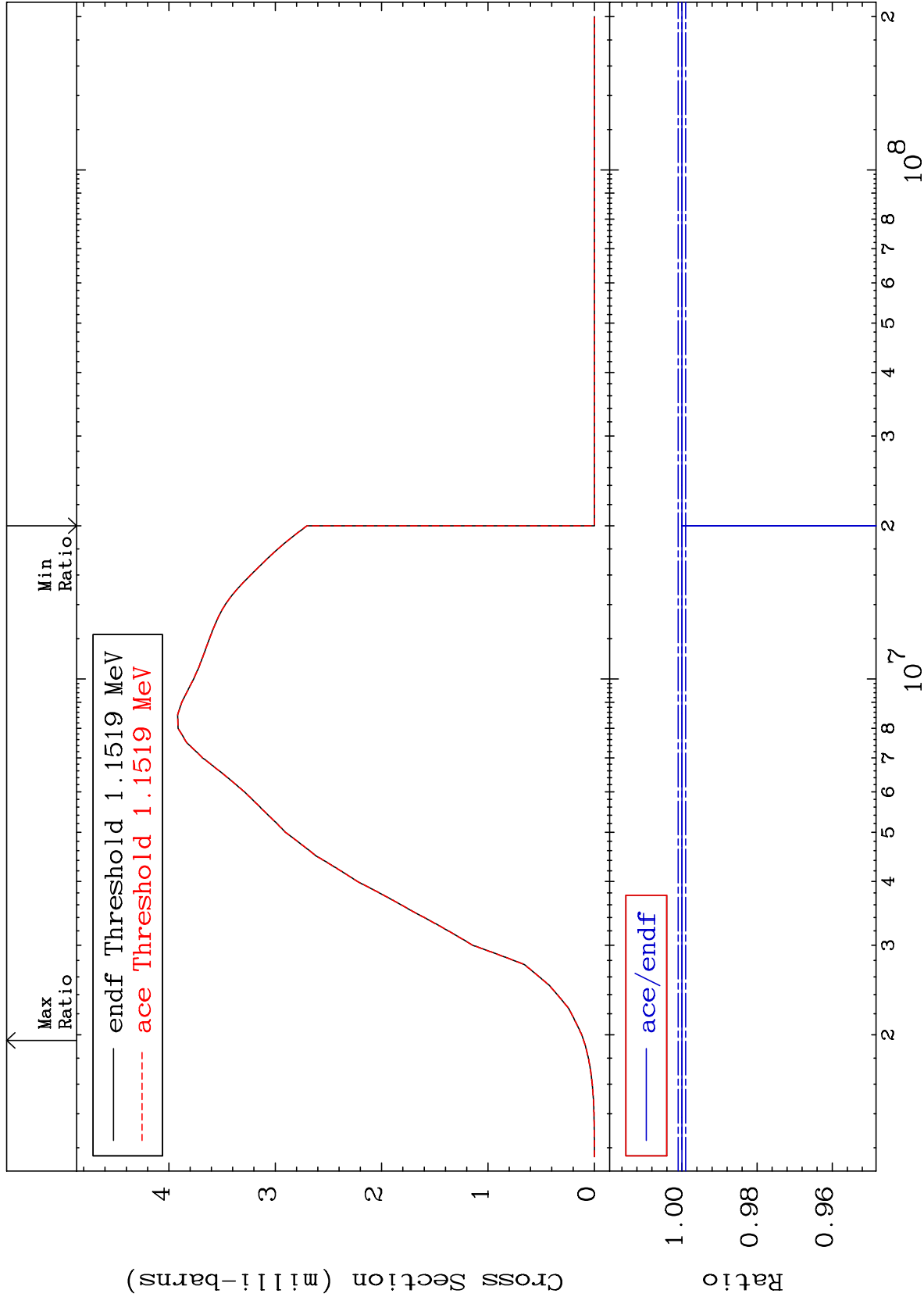
MAT 6431 1.128 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



MAT 6431 1.136 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



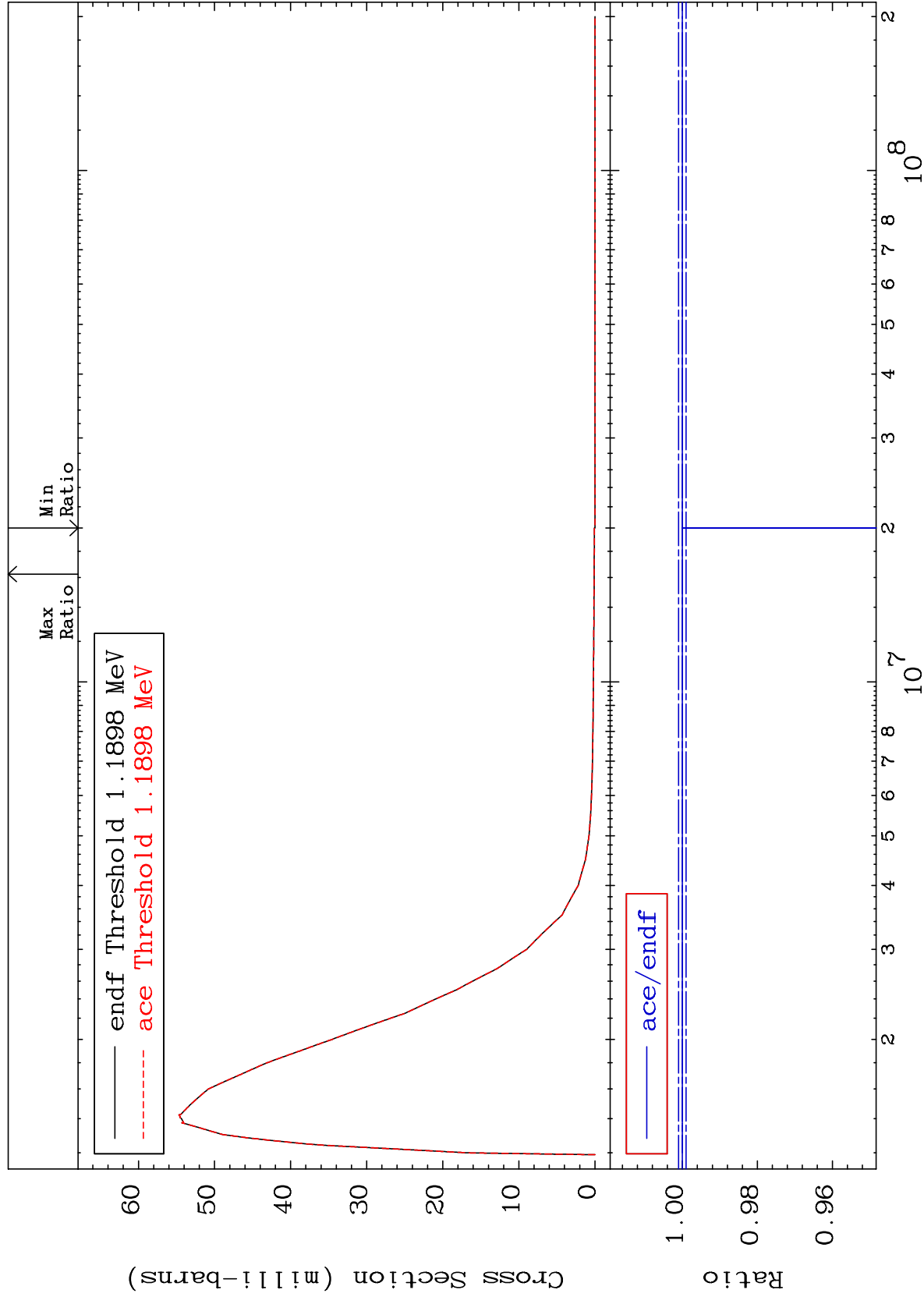
MAT 6431 1.144 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



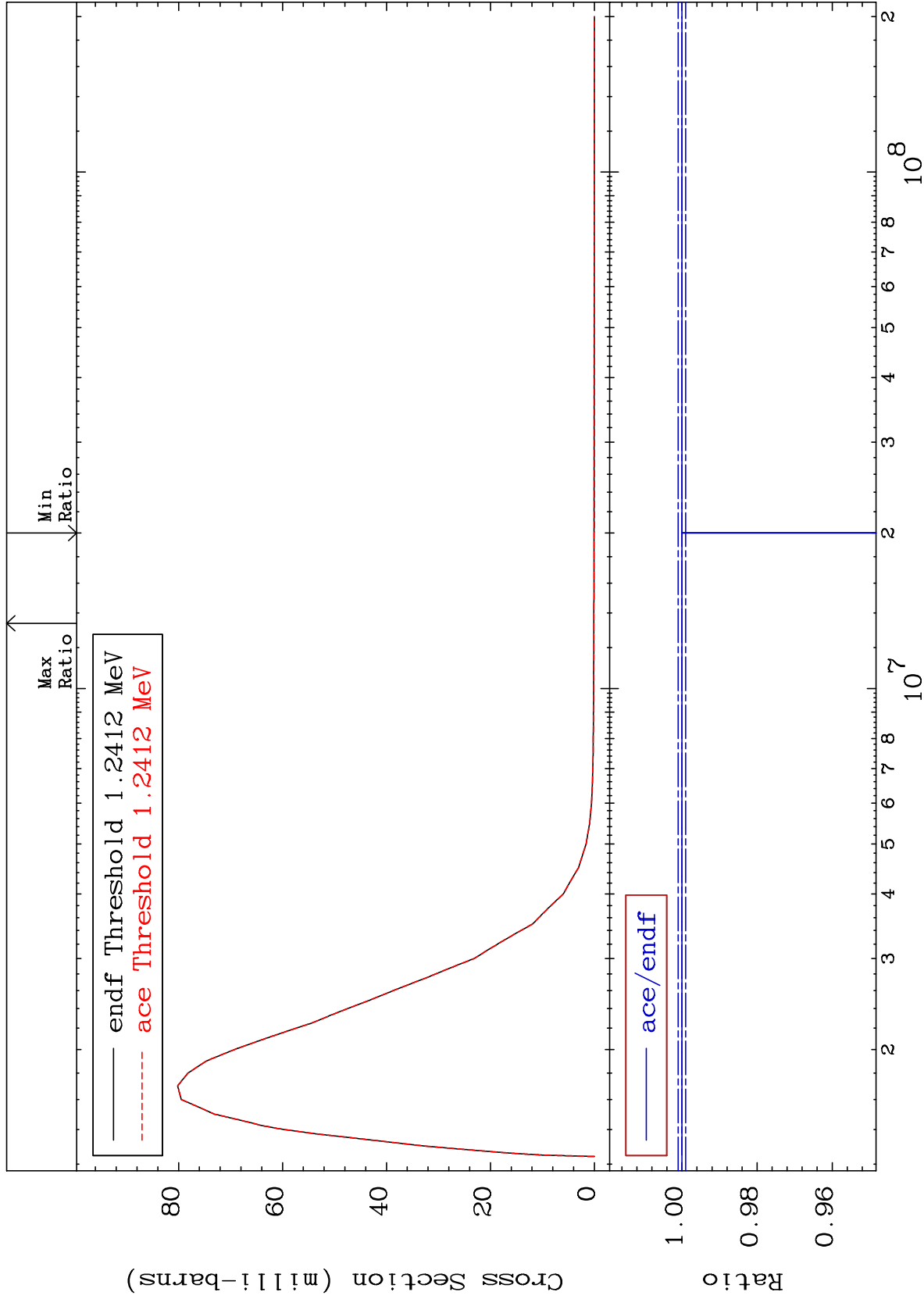
MAT 6431

1.182 MeV (n,n') Level
Cross Section

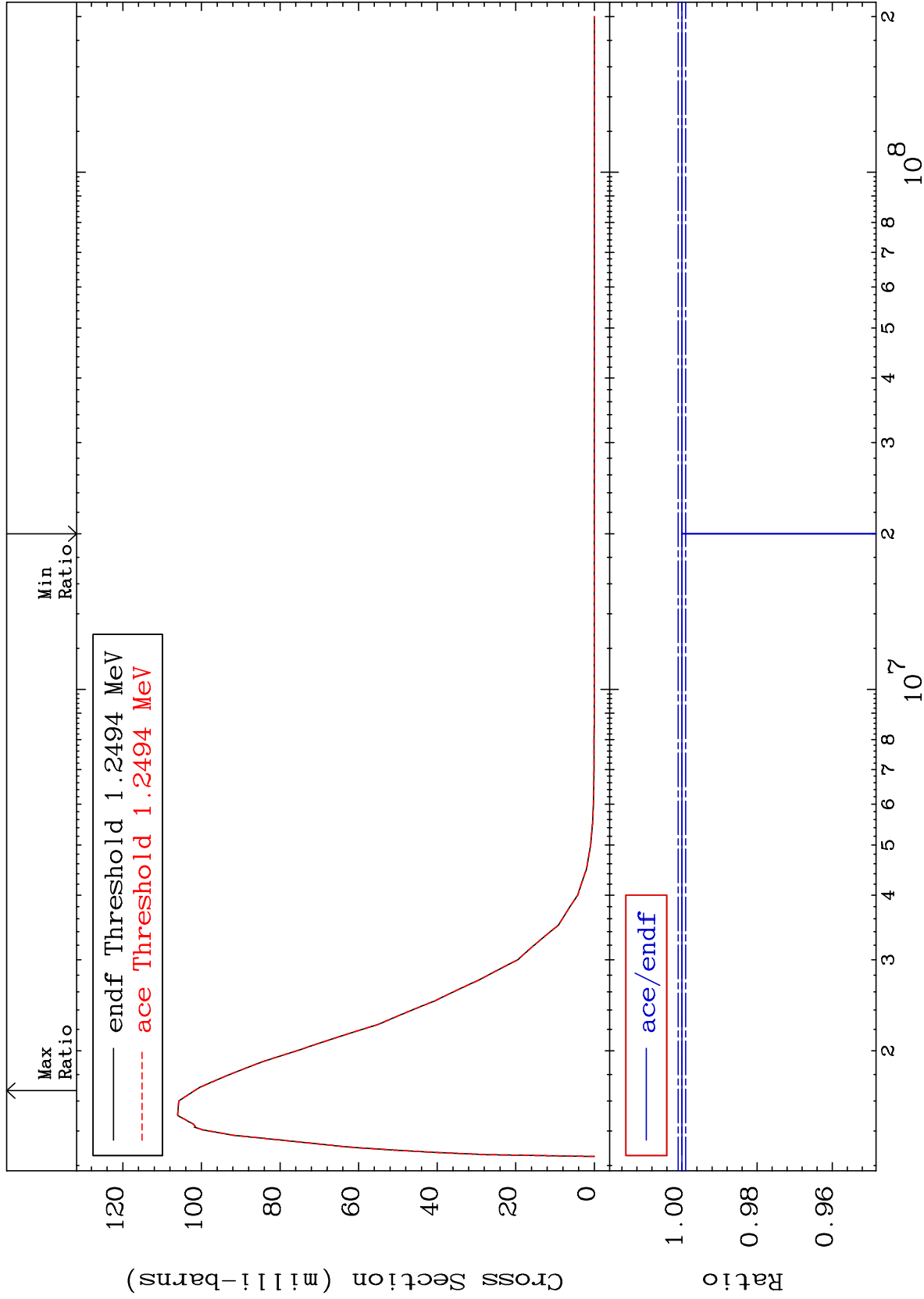
64-Gd-154
-100.0 To 0.000 %



MAT 6431 1.233 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



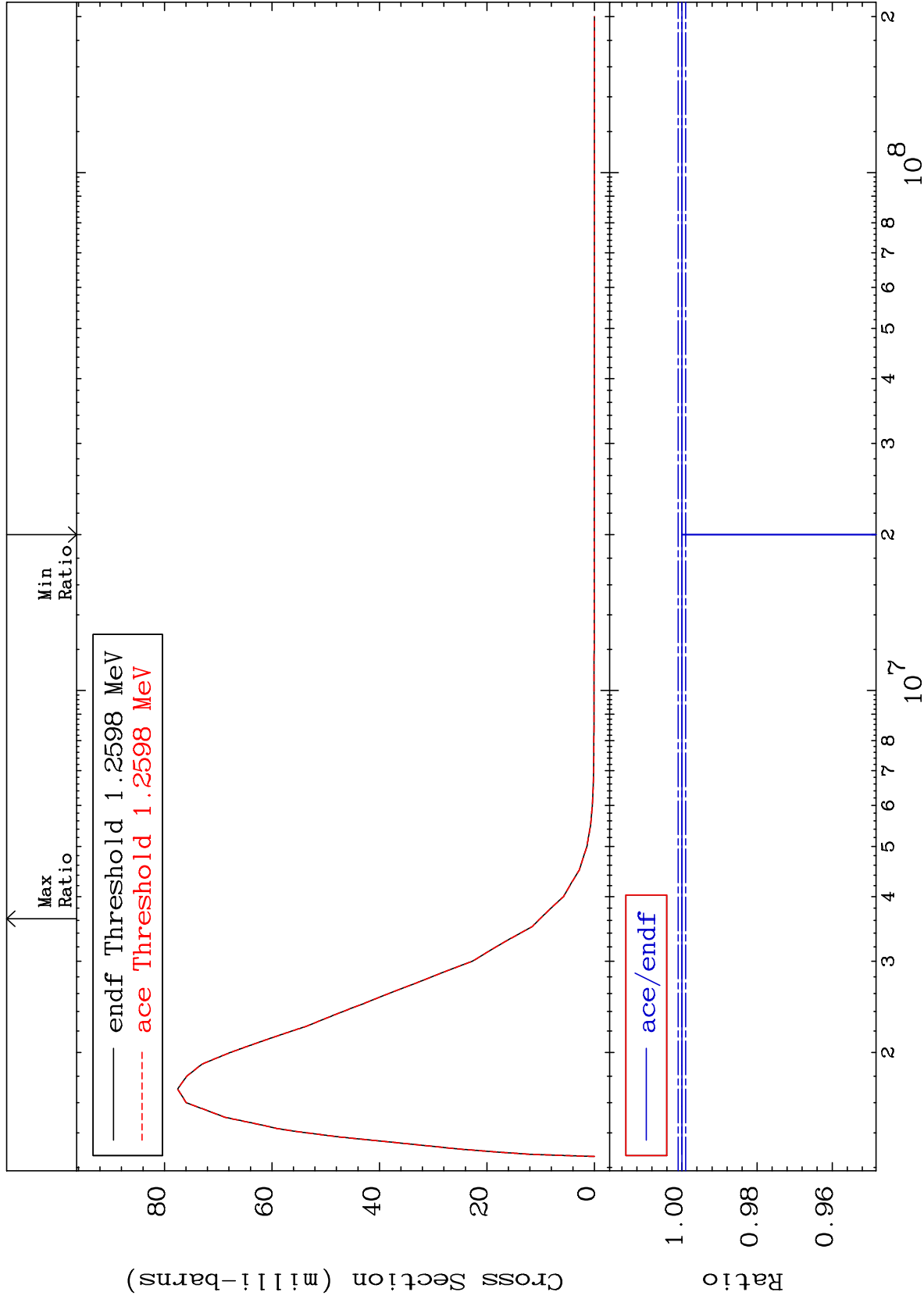
MAT 6431 1.241 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



MAT 6431

1.252 MeV (n,n') Level
Cross Section

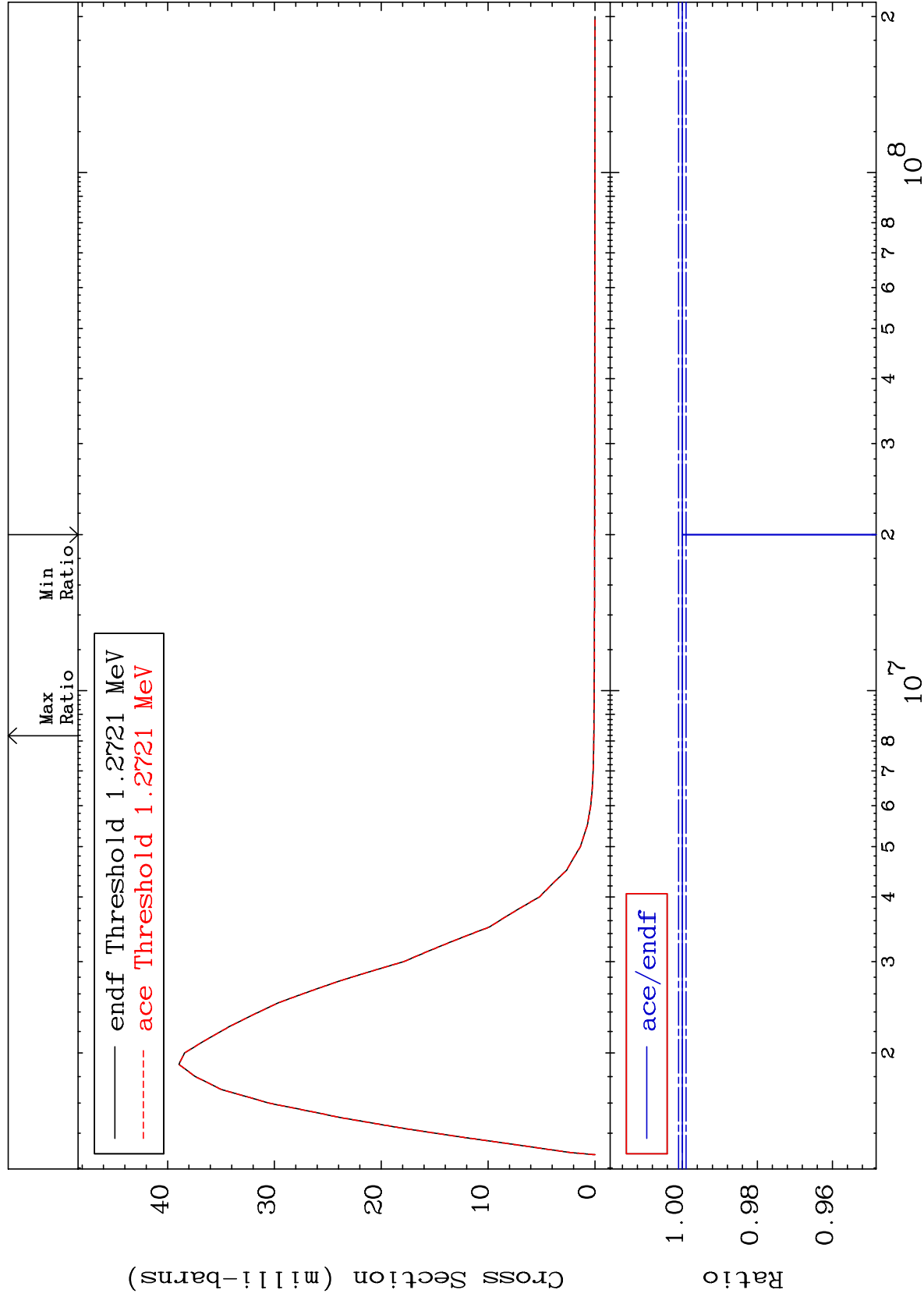
64-Gd-154
-100.0 To 0.000 %



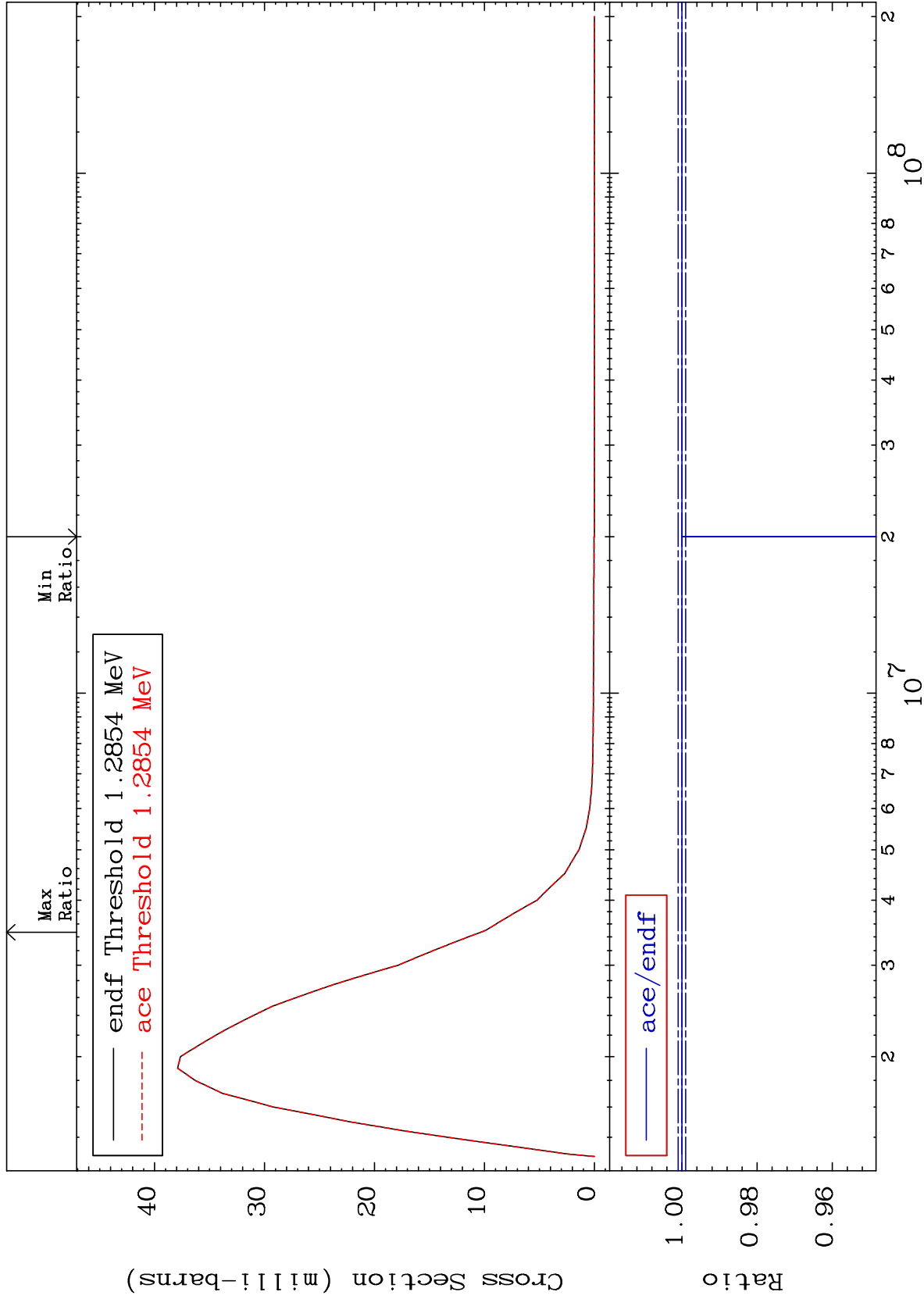
MAT 6431

1.264 MeV (n,n') Level
Cross Section

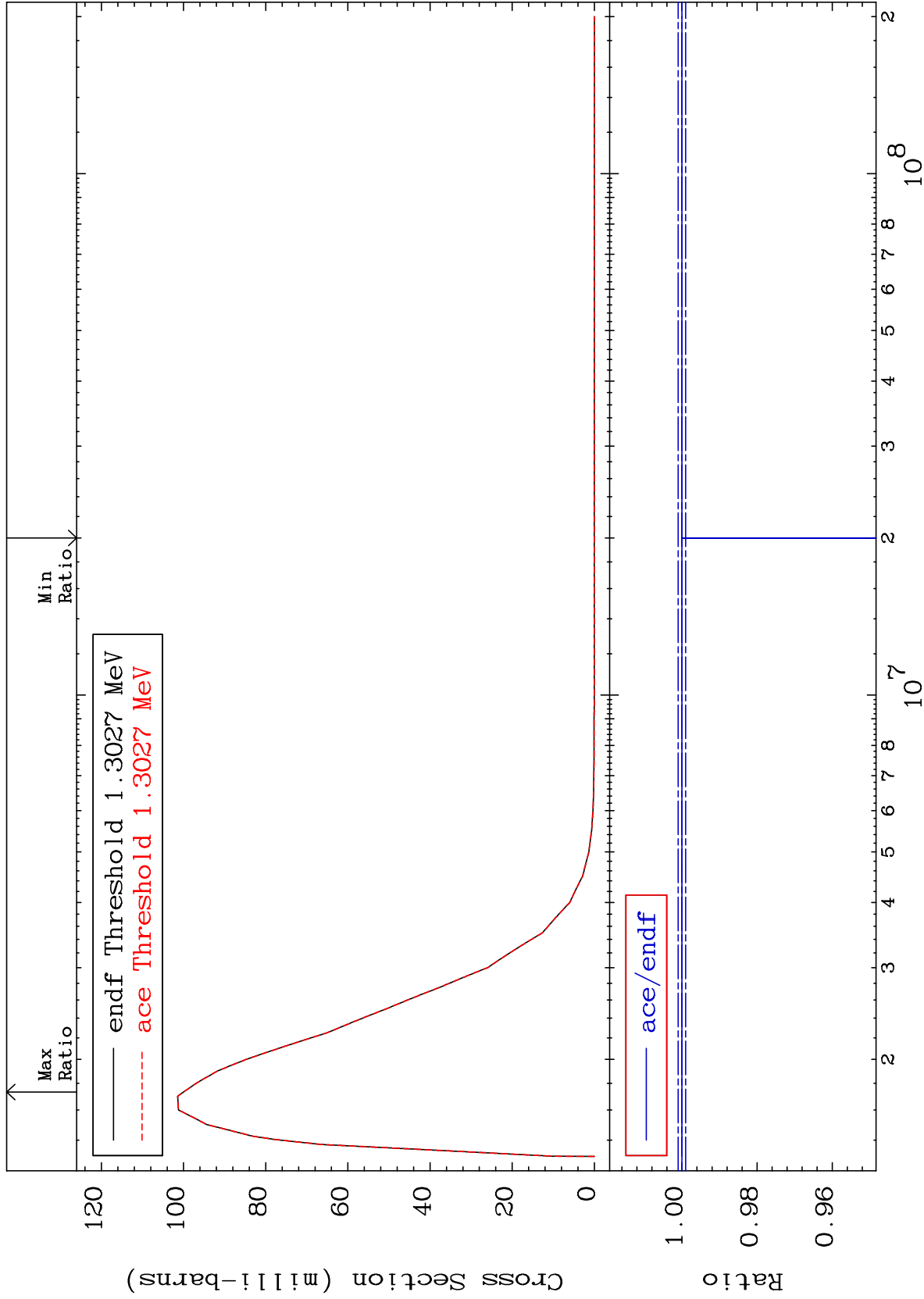
64-Gd-154
-100.0 To 0.000 %



MAT 6431 1.277 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



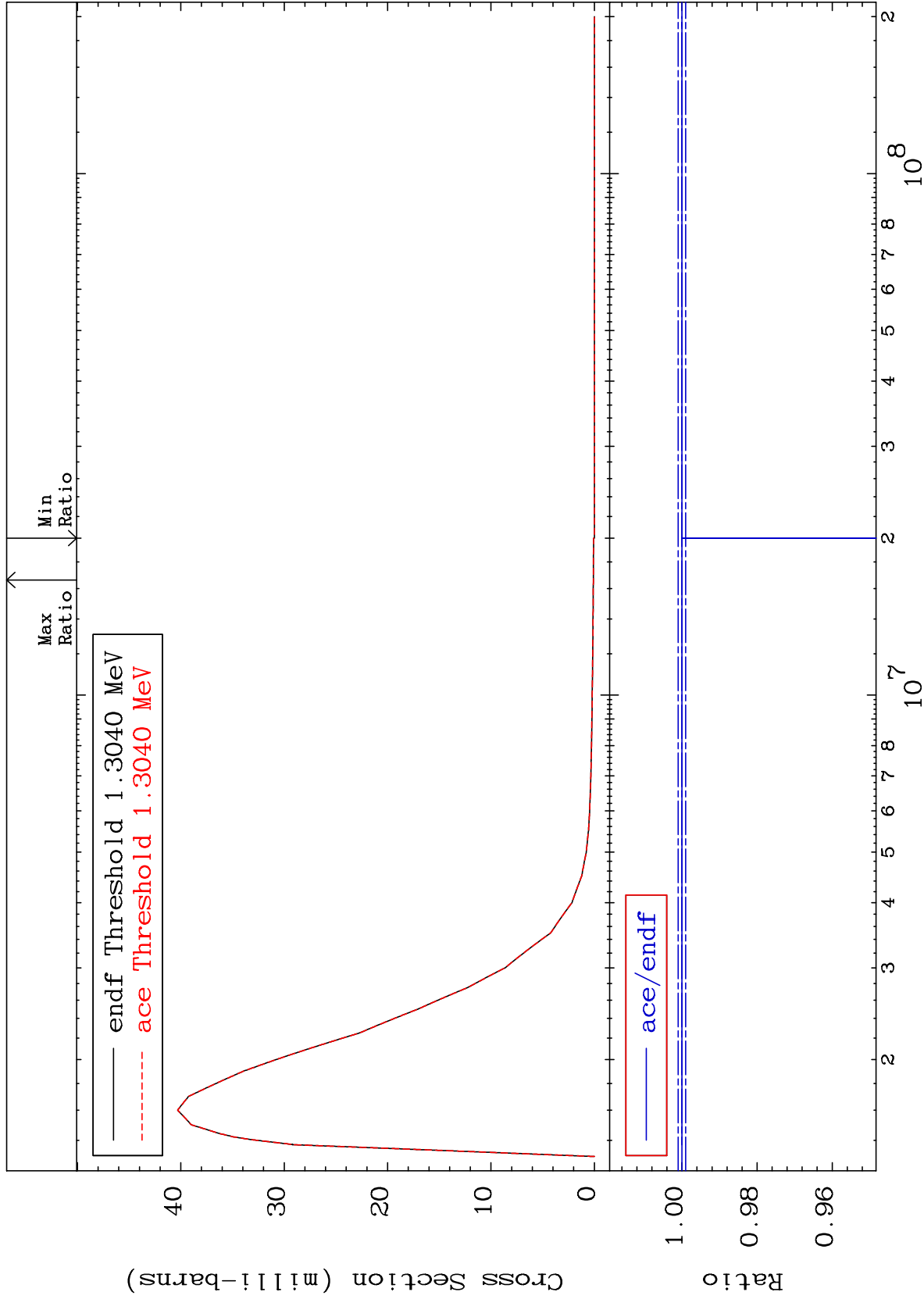
MAT 6431 1.294 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



MAT 6431

1.295 MeV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %



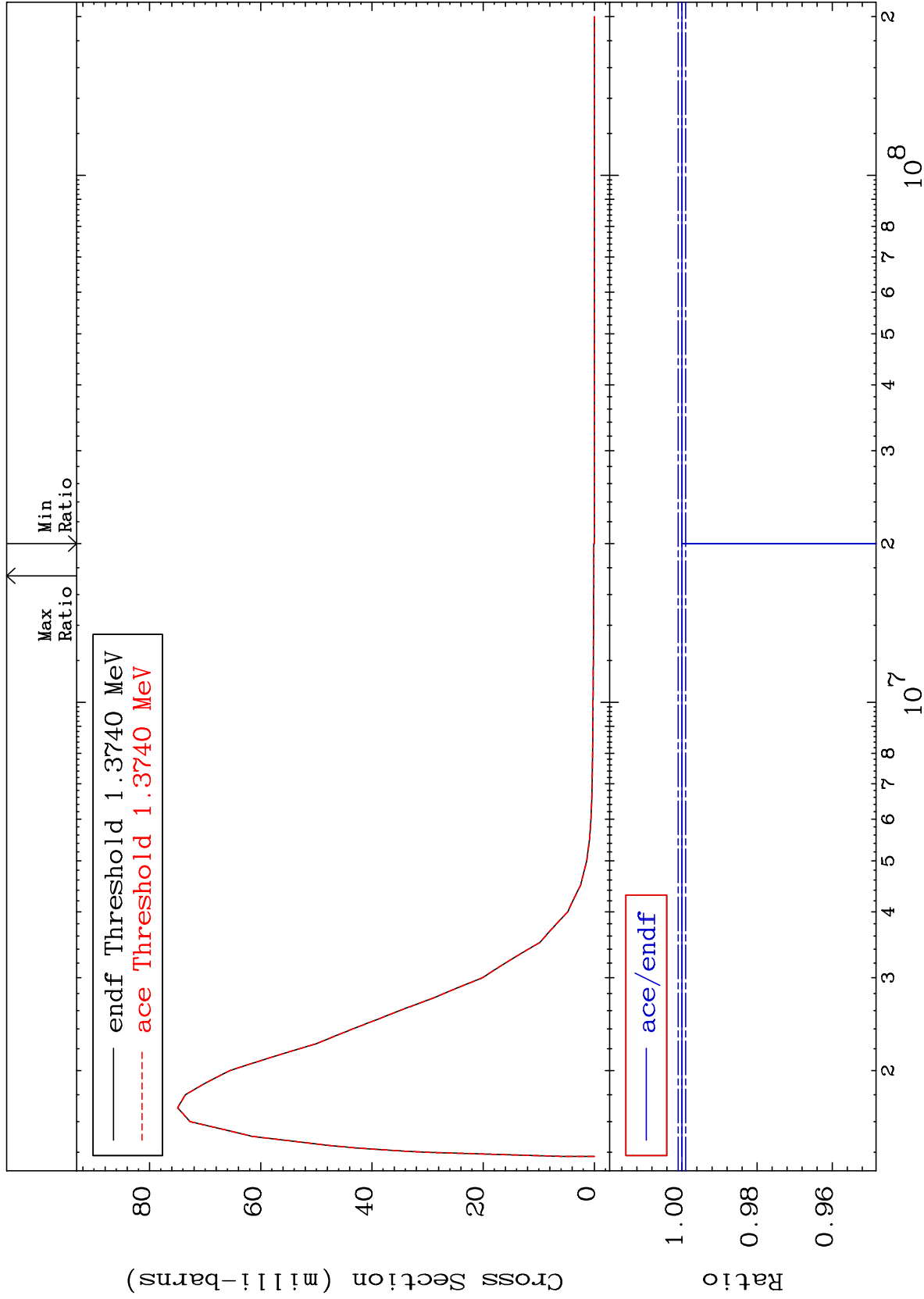
27

64-Gd-154

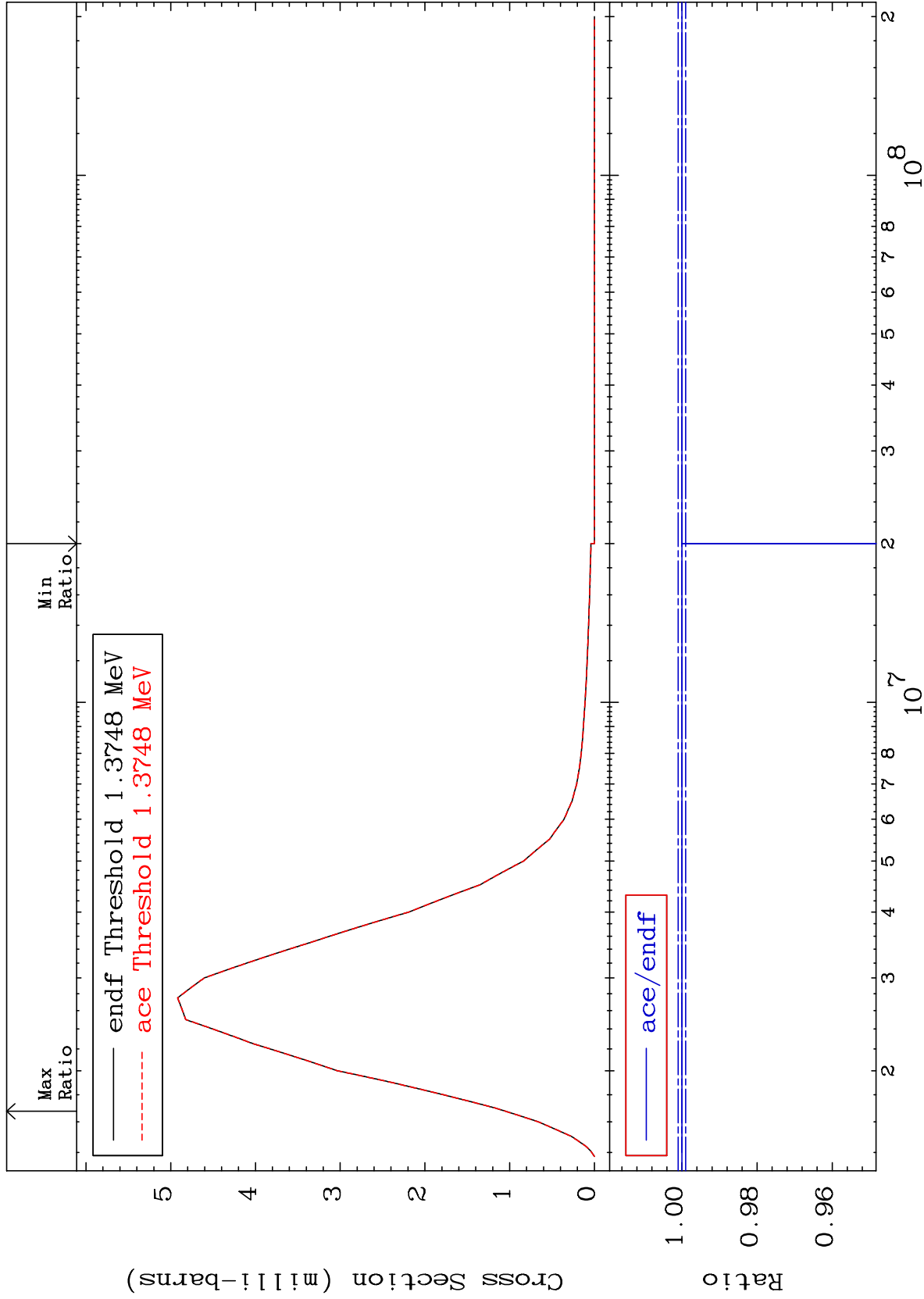
MAT 6431

1.365 MeV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %



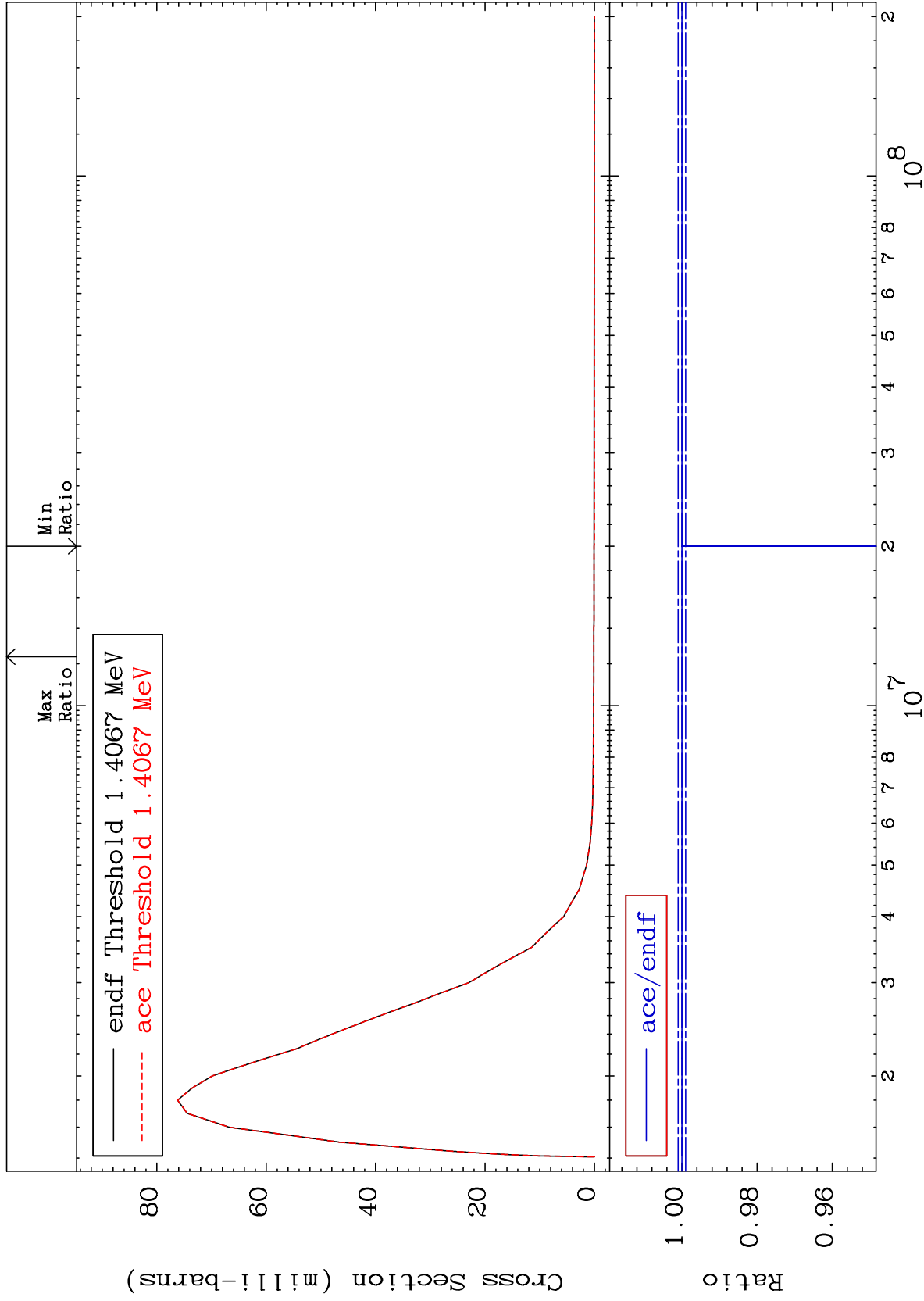
MAT 6431 1.366 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



MAT 6431

1.398 MeV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %

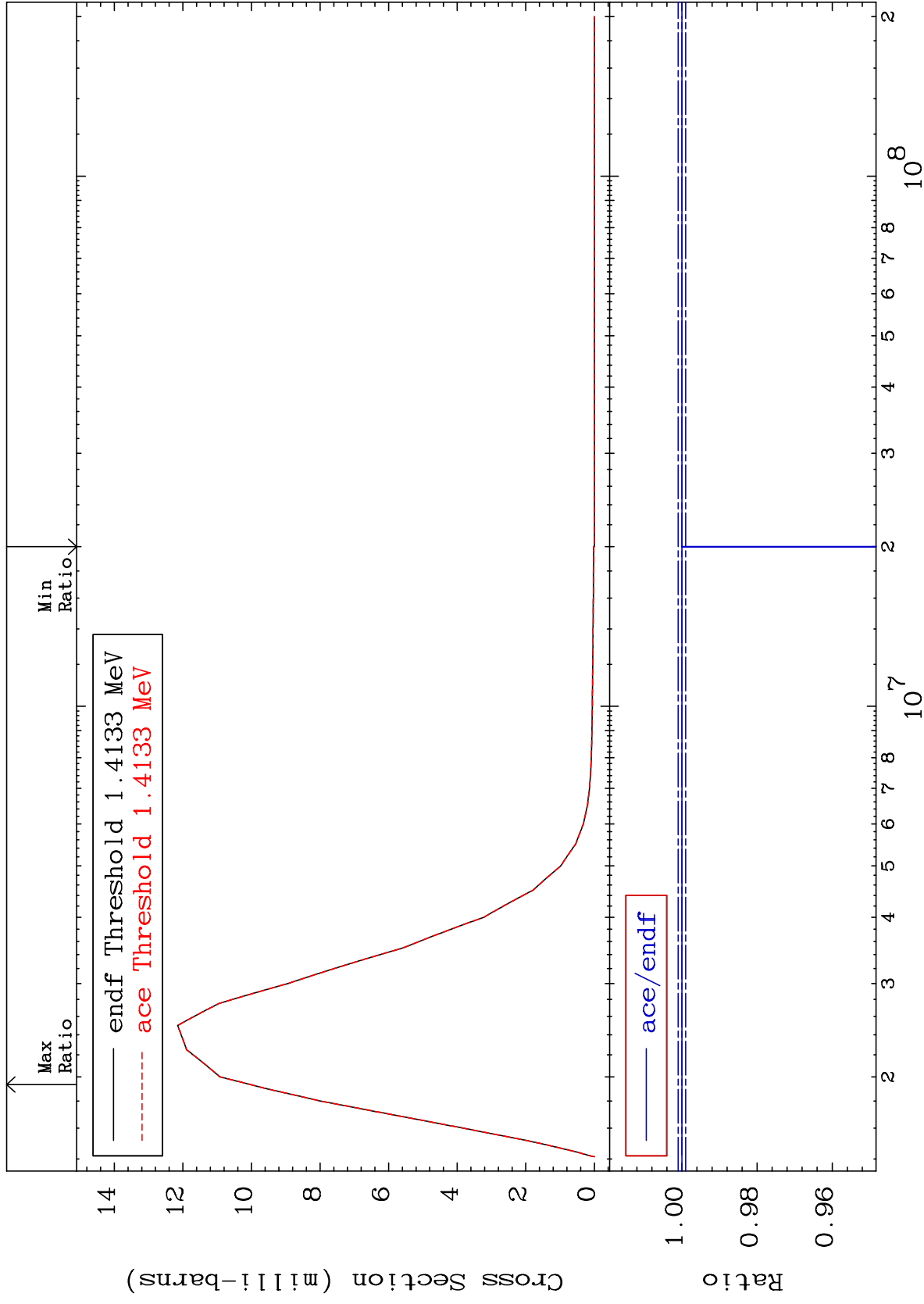


30

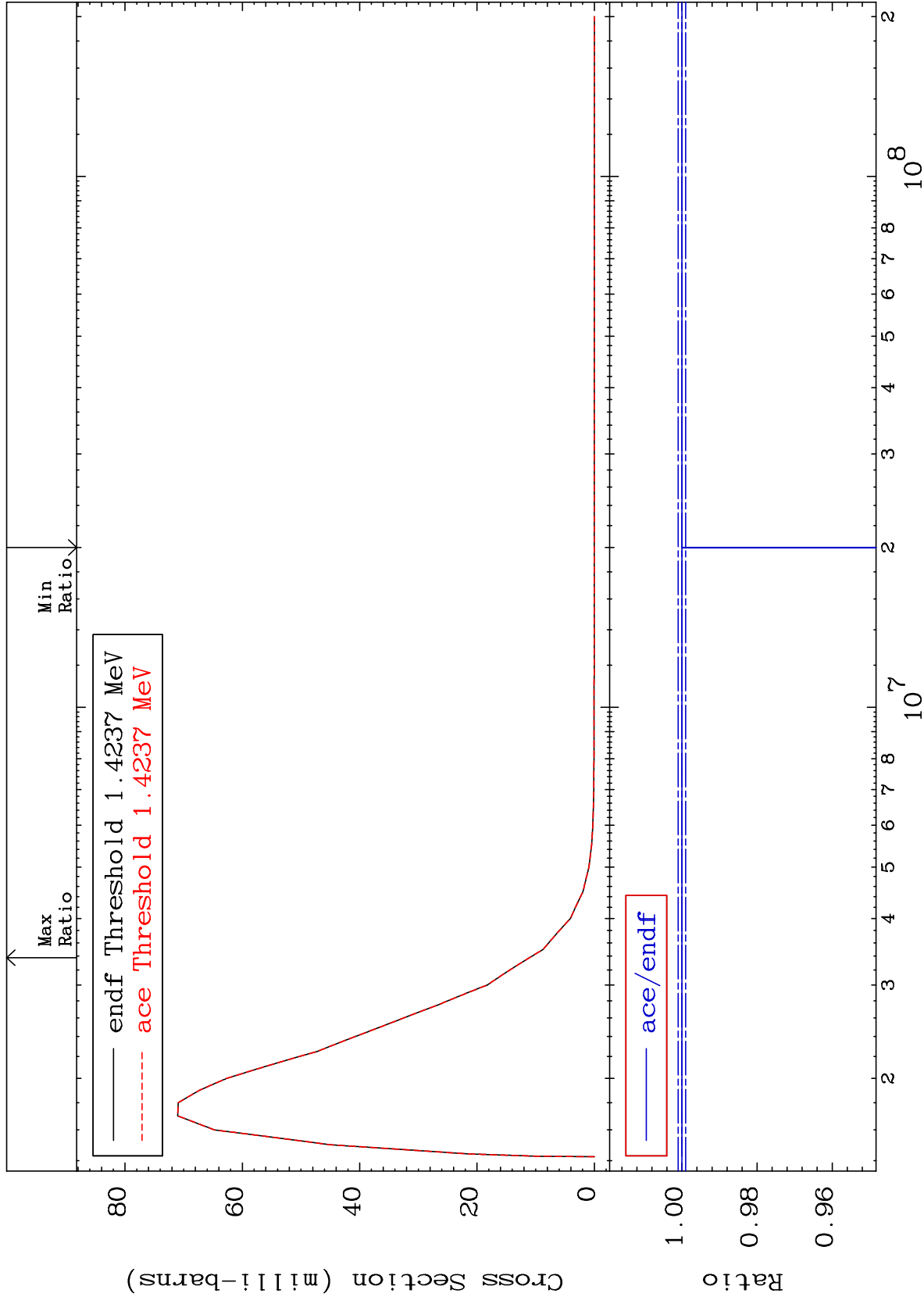
Incident Energy (eV)

64-Gd-154

MAT 6431 1.404 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



MAT 6431
1.414 MeV (n,n') Level
Cross Section
64-Gd-154
-100.0 To 0.000 %



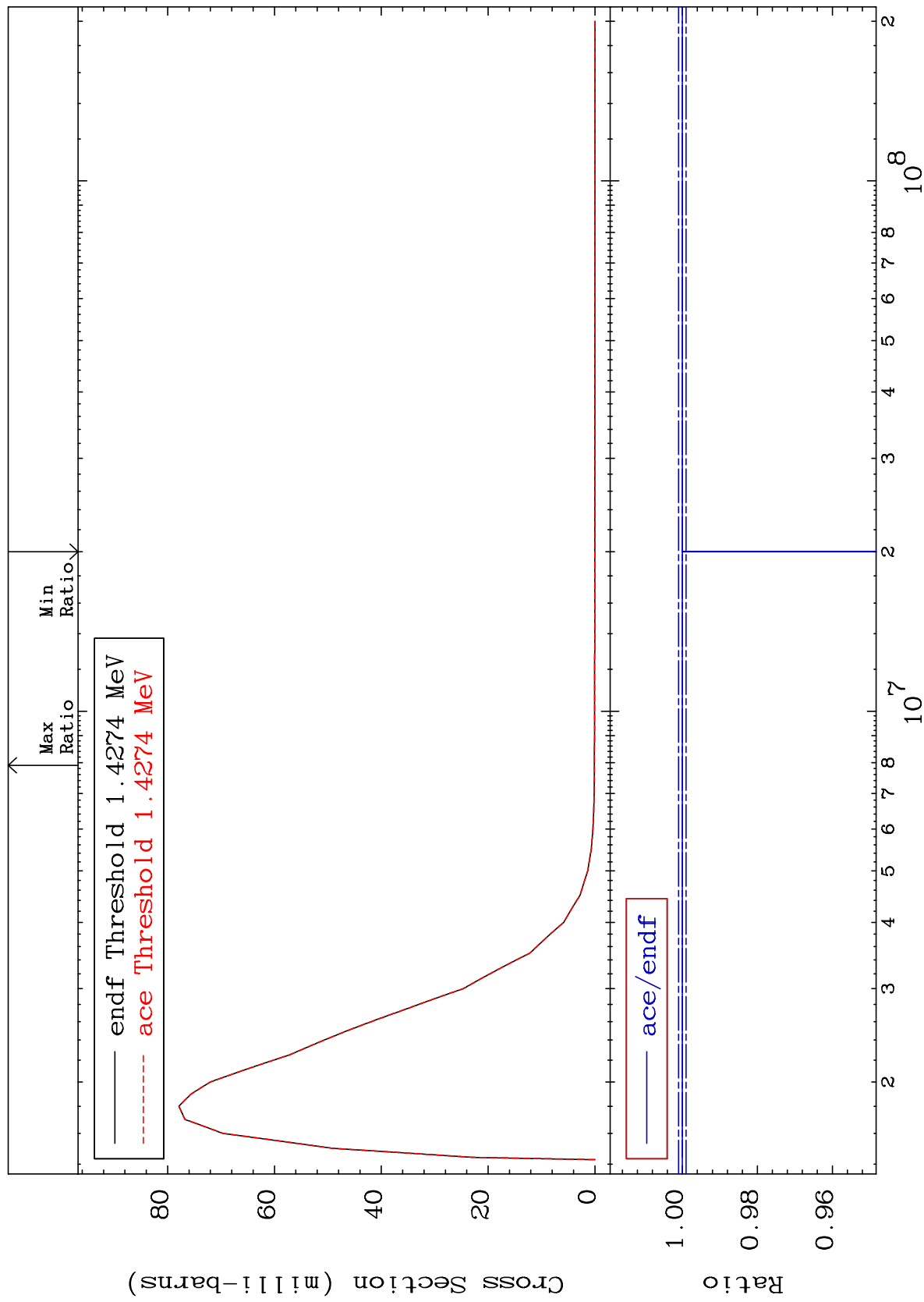
64-Gd-154

Incident Energy (eV)

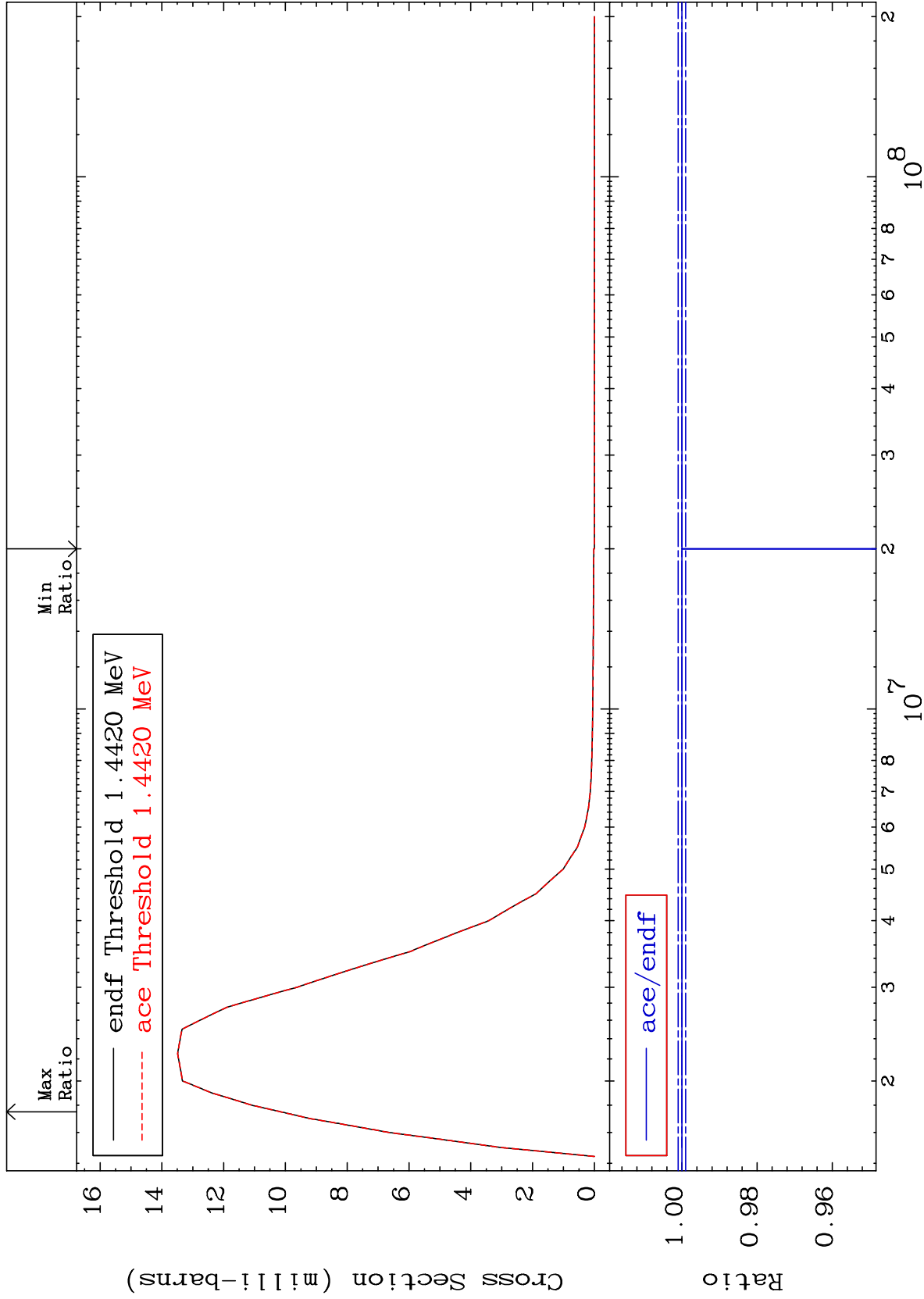
MAT 6431

1.418 MeV (n,n') Level
Cross Section

64-Gd-154
-100.0 To 0.000 %



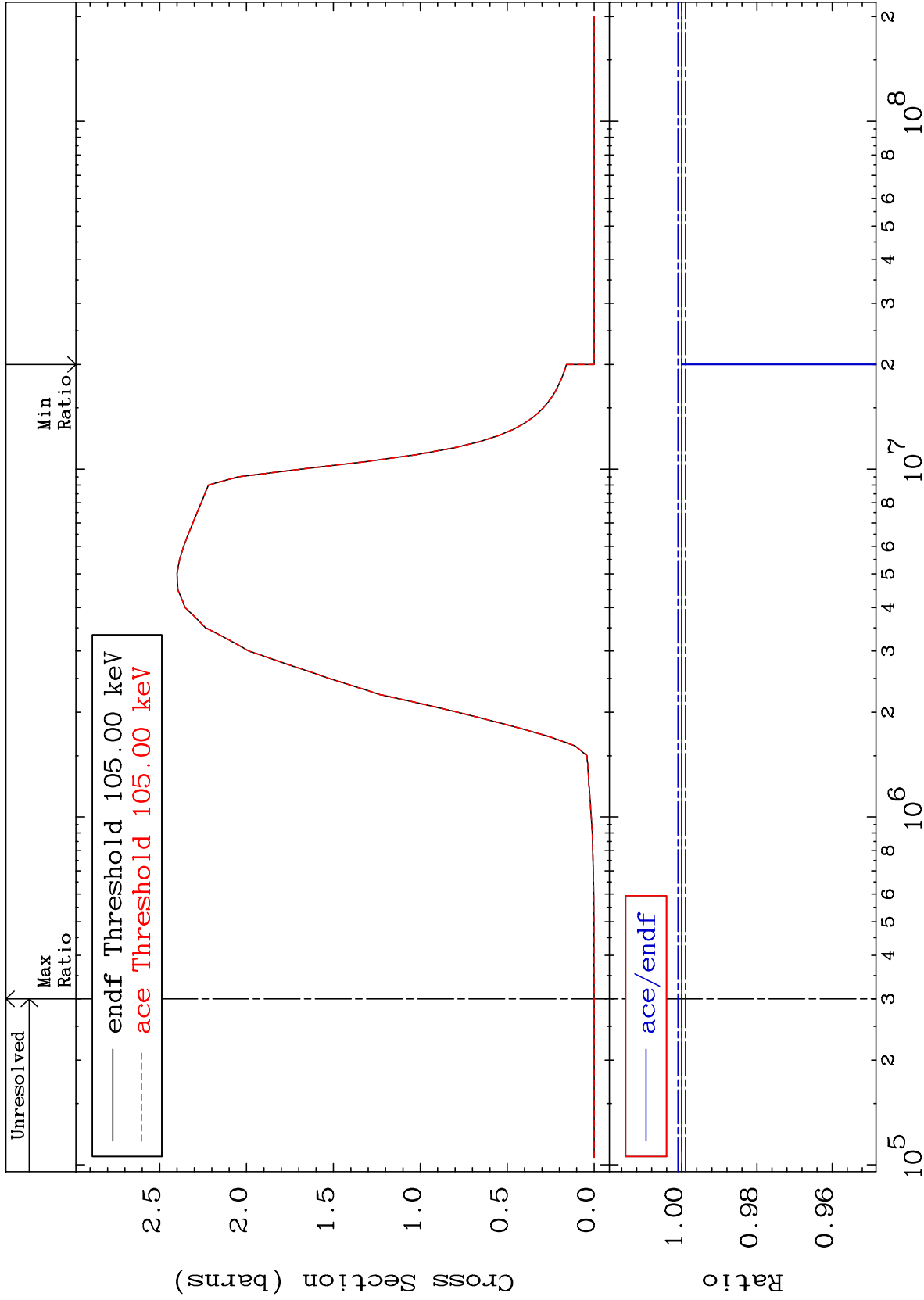
MAT 6431 1.433 MeV (n,n') Level 64-Gd-154
 Cross Section -100.0 To 0.000 %



MAT 6431

(n,n') Continuum
Cross Section

64-Gd-154
-100.0 To 0.000 %



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64-Gd-154

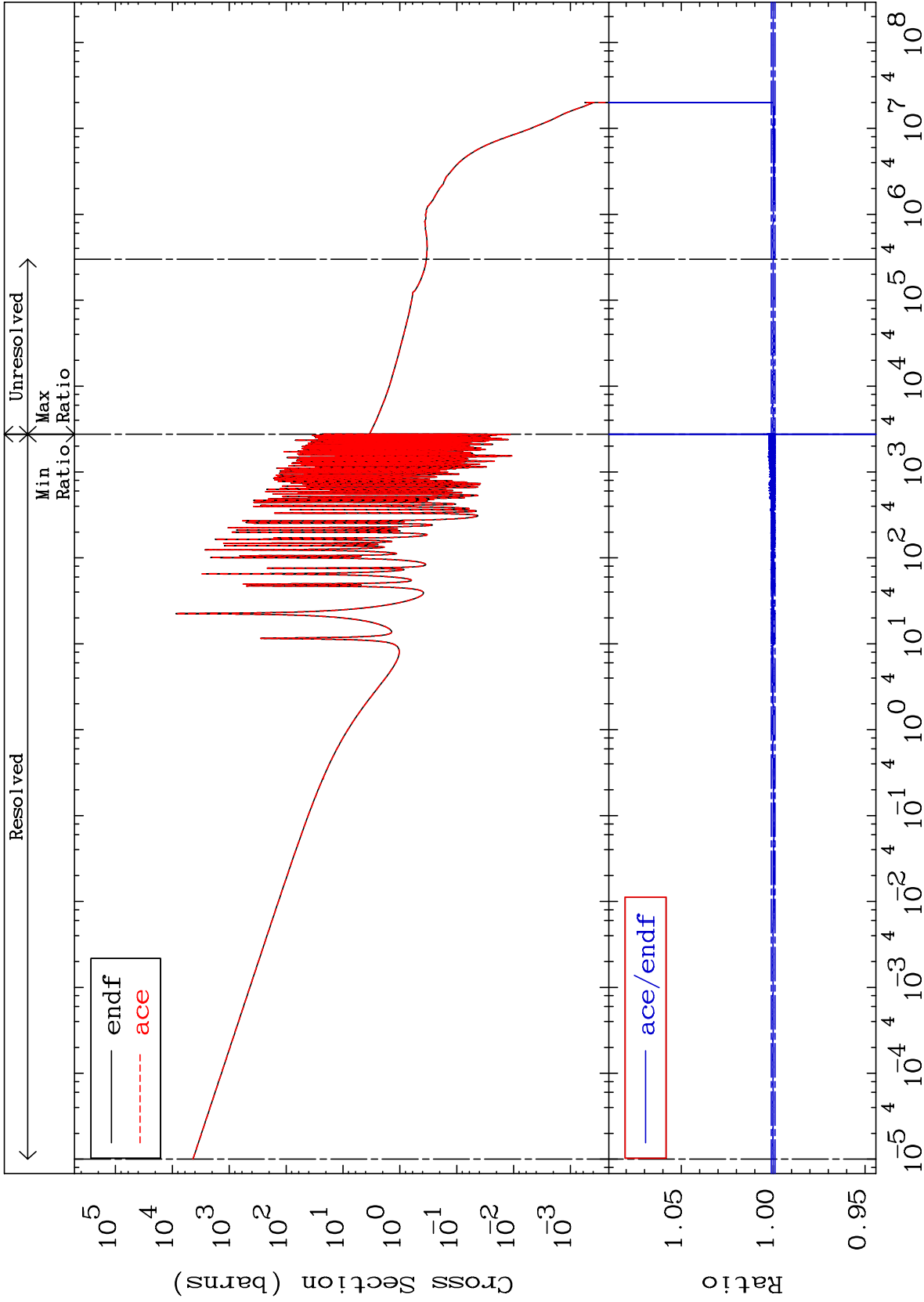
MAT 6431

(n, γ)

64-Gd-154

Cross Section

-24.78 To 8747. %



36

Incident Energy (eV)

64-Gd-154

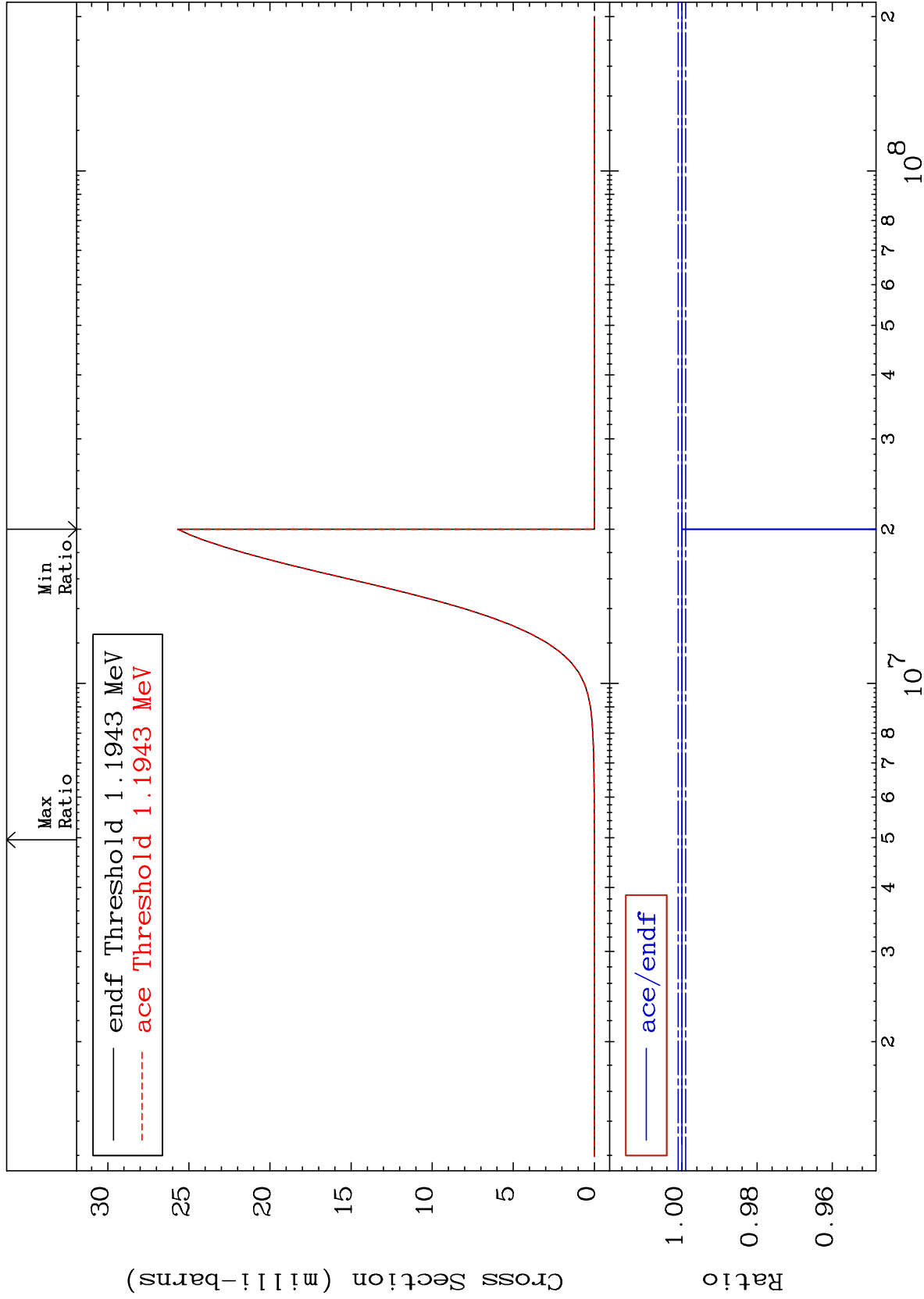
MAT 6431

(n,p)

64-Gd-154

Cross Section

-100.0 To 0.000 %



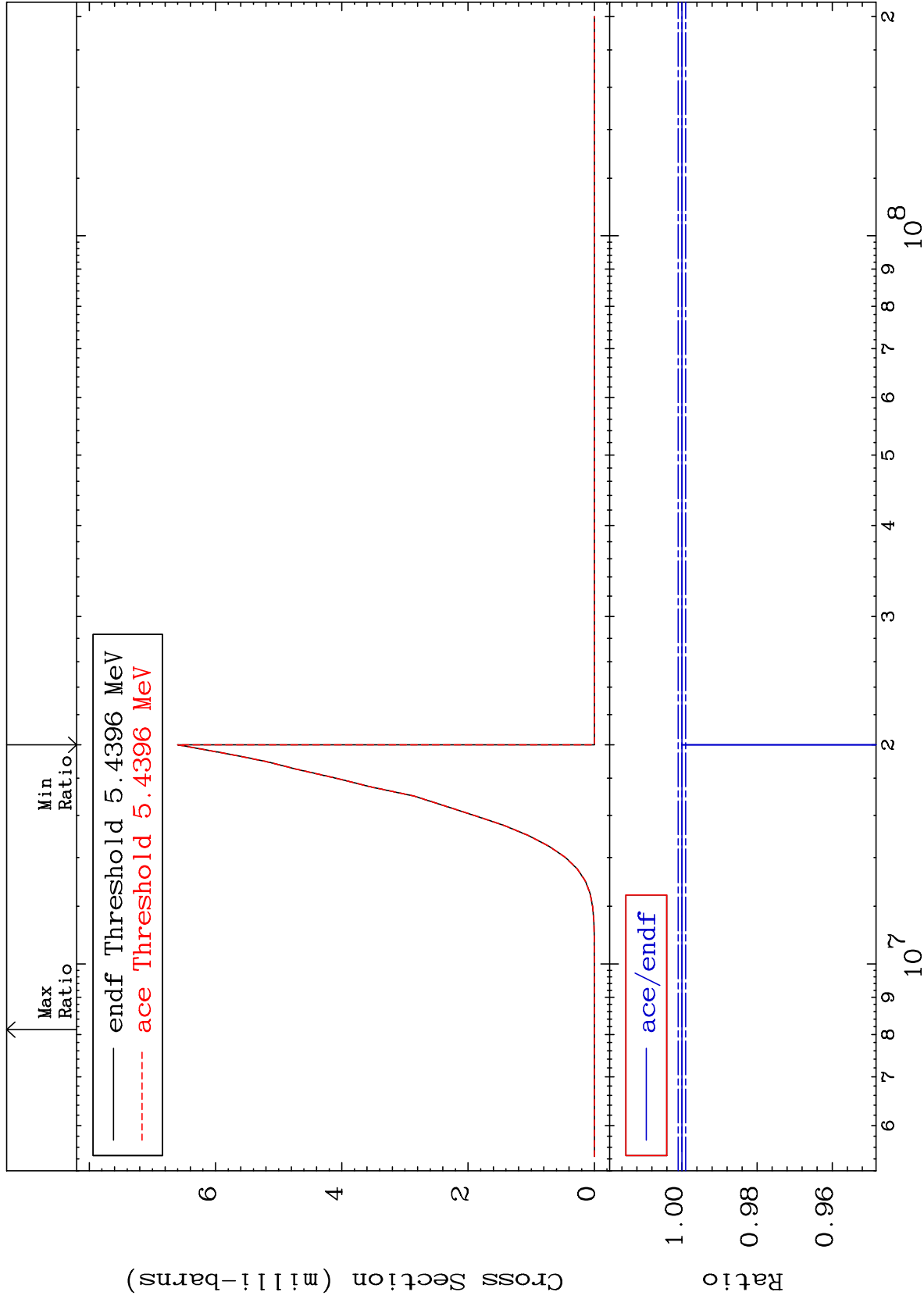
MAT 6431

(n, d)

64-Gd-154

Cross Section

-100.0 To 0.000 %



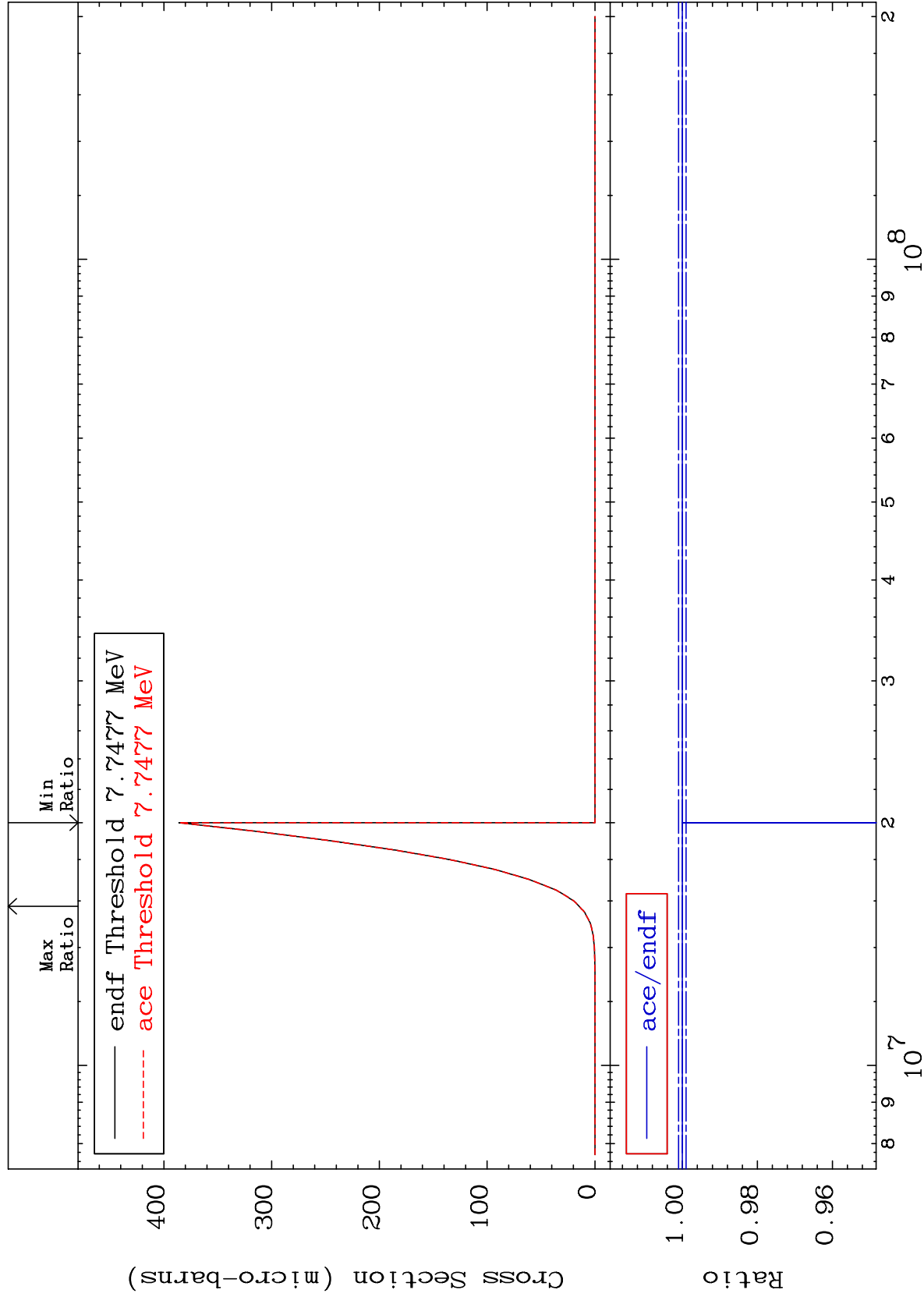
MAT 6431

(n, t)

64-Gd-154

Cross Section

-100.0 To 0.000 %



39

64-Gd-154

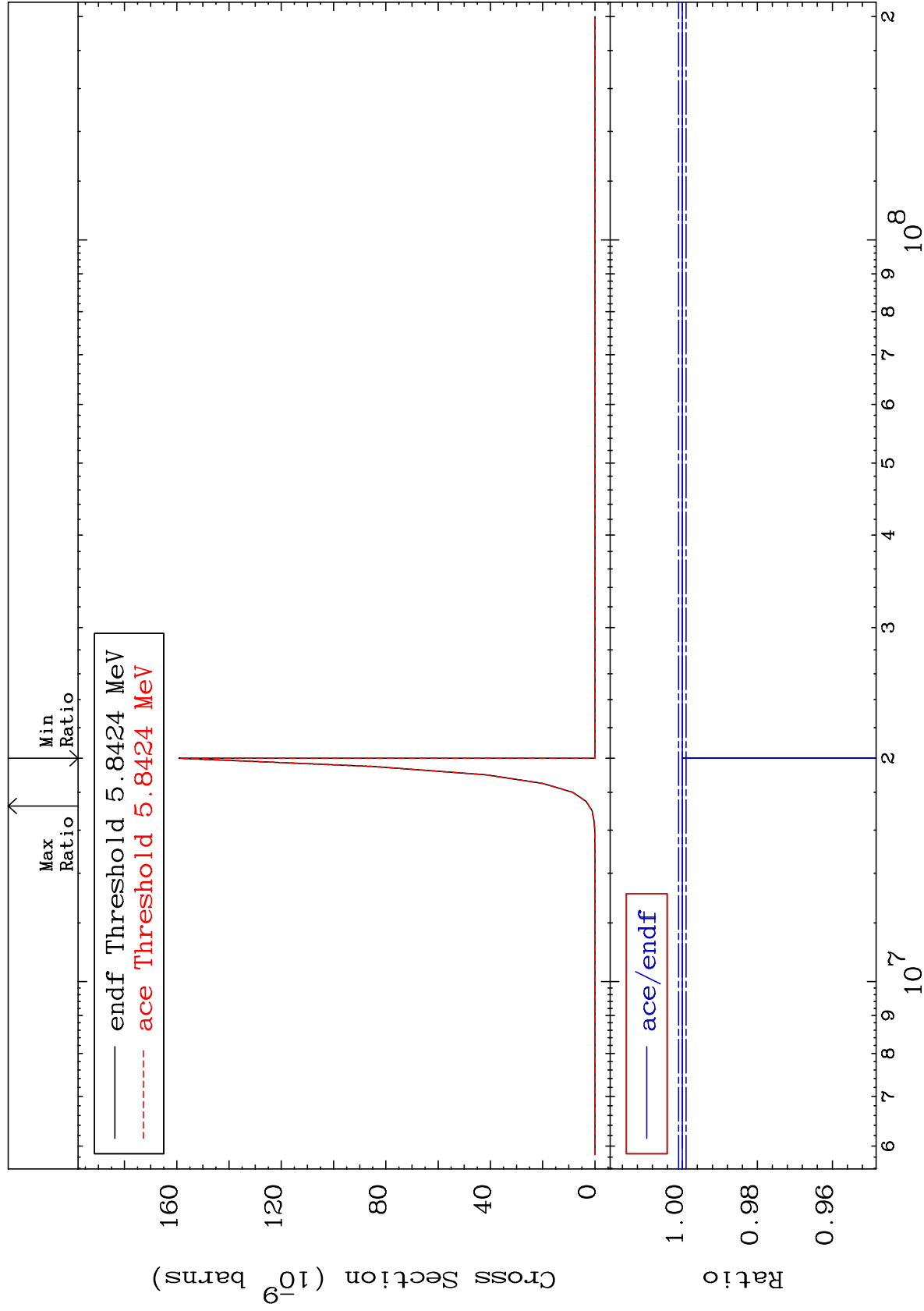
MAT 6431

(n, He-3)

64-Gd-154

Cross Section

-100.0 To 0.000 %



40

Incident Energy (eV)

64-Gd-154

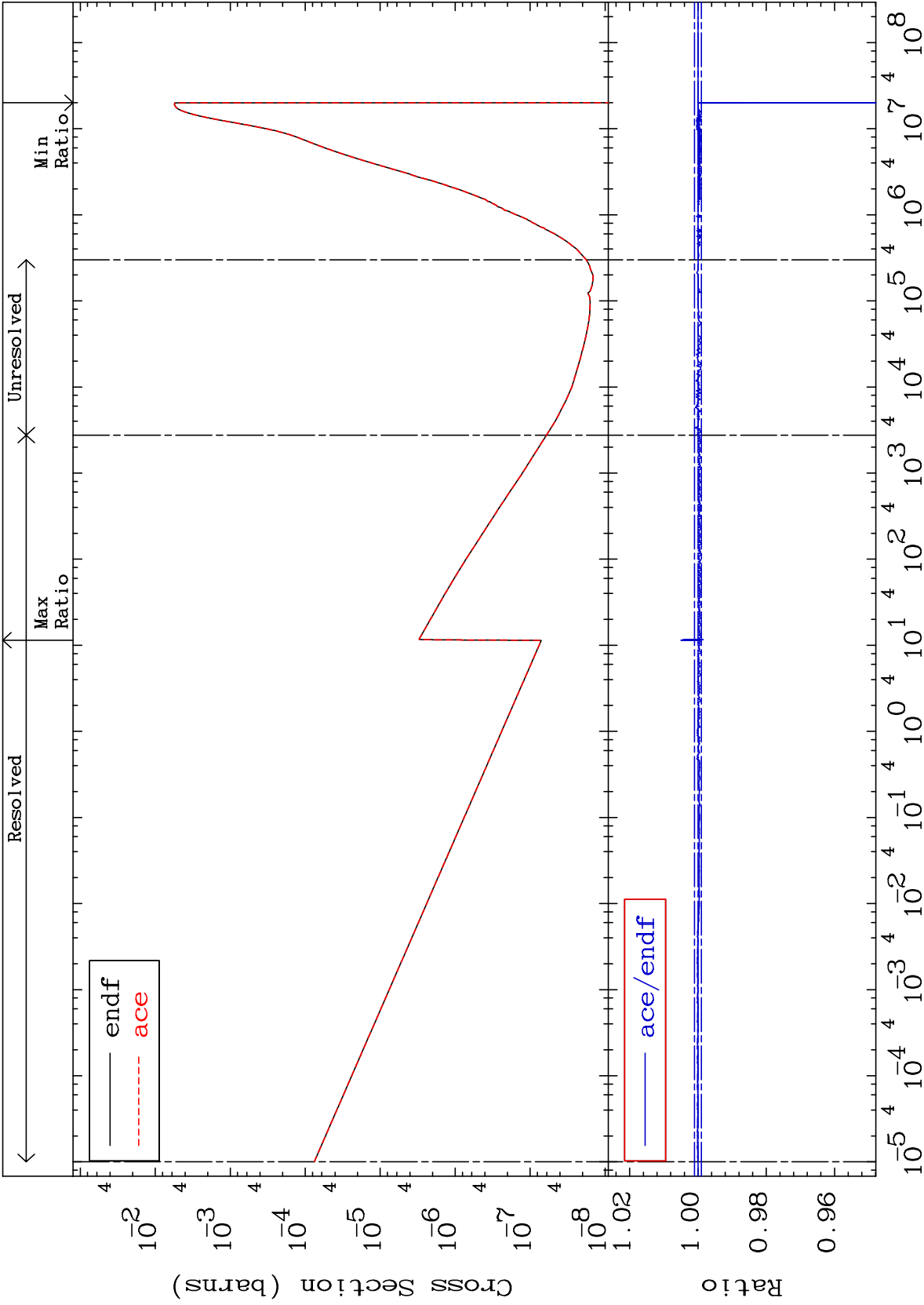
MAT 6431

(n, α)

64-Gd-154

Cross Section

-100.0 To 0.500 %



41

Incident Energy (eV)

64-Gd-154