

Program Complot
(Version 2015-2)

by

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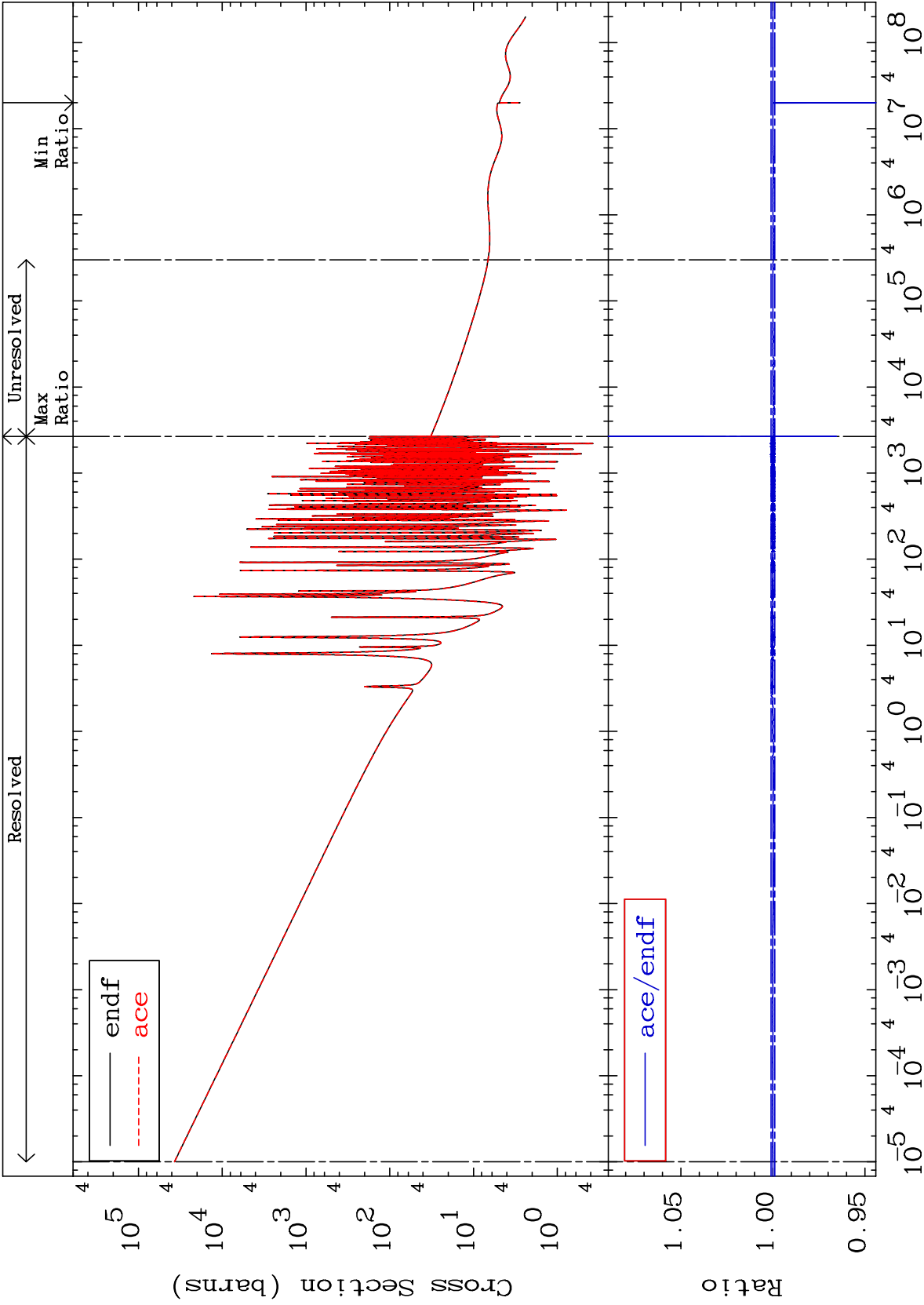
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6425

Total
Cross Section

64-Gd-152
-45.74 To 39.85 %



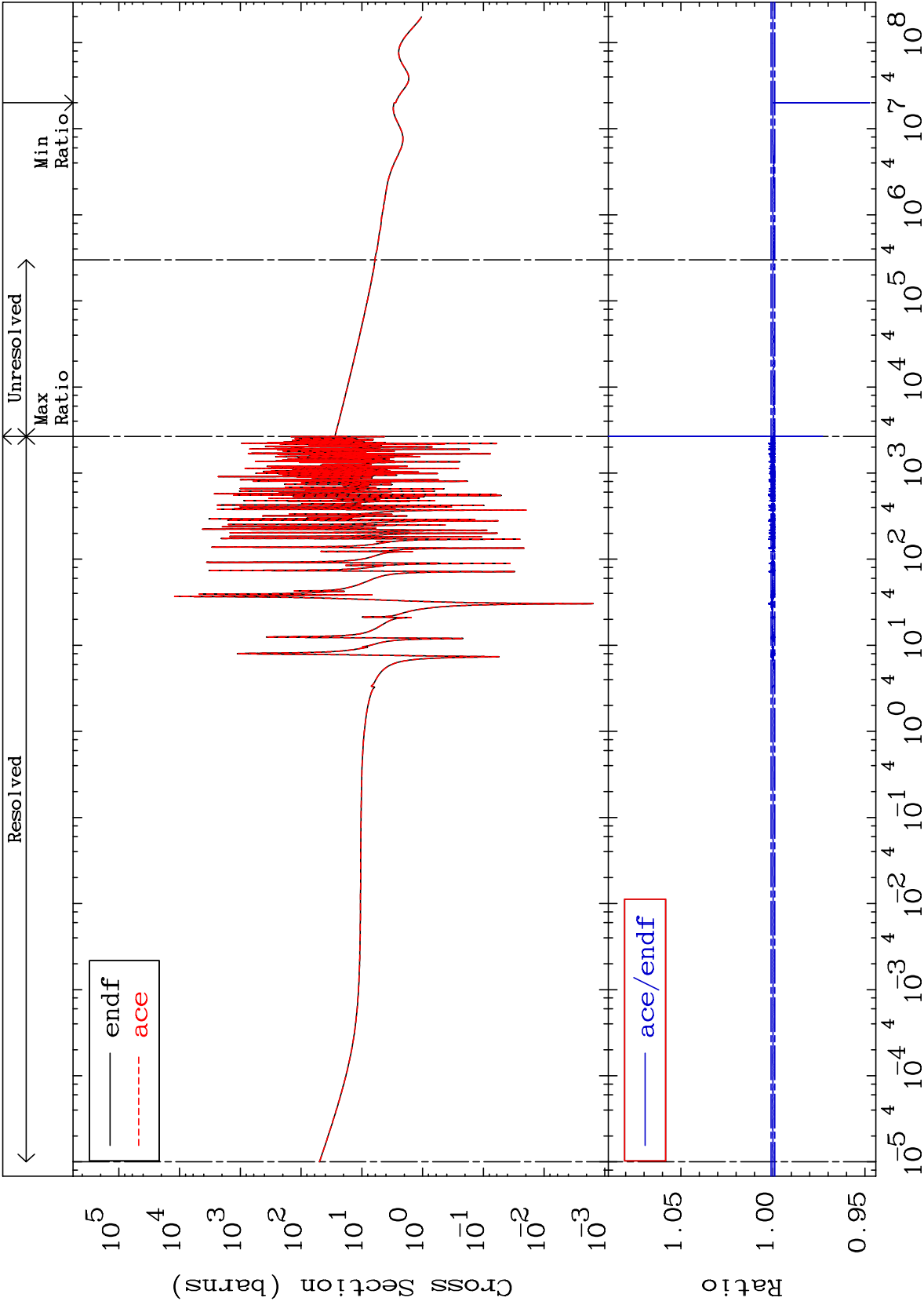
Incident Energy (eV)

64-Gd-152

MAT 6425

Elastic Cross Section

64-Gd-152
-5.248 To 28.36 %



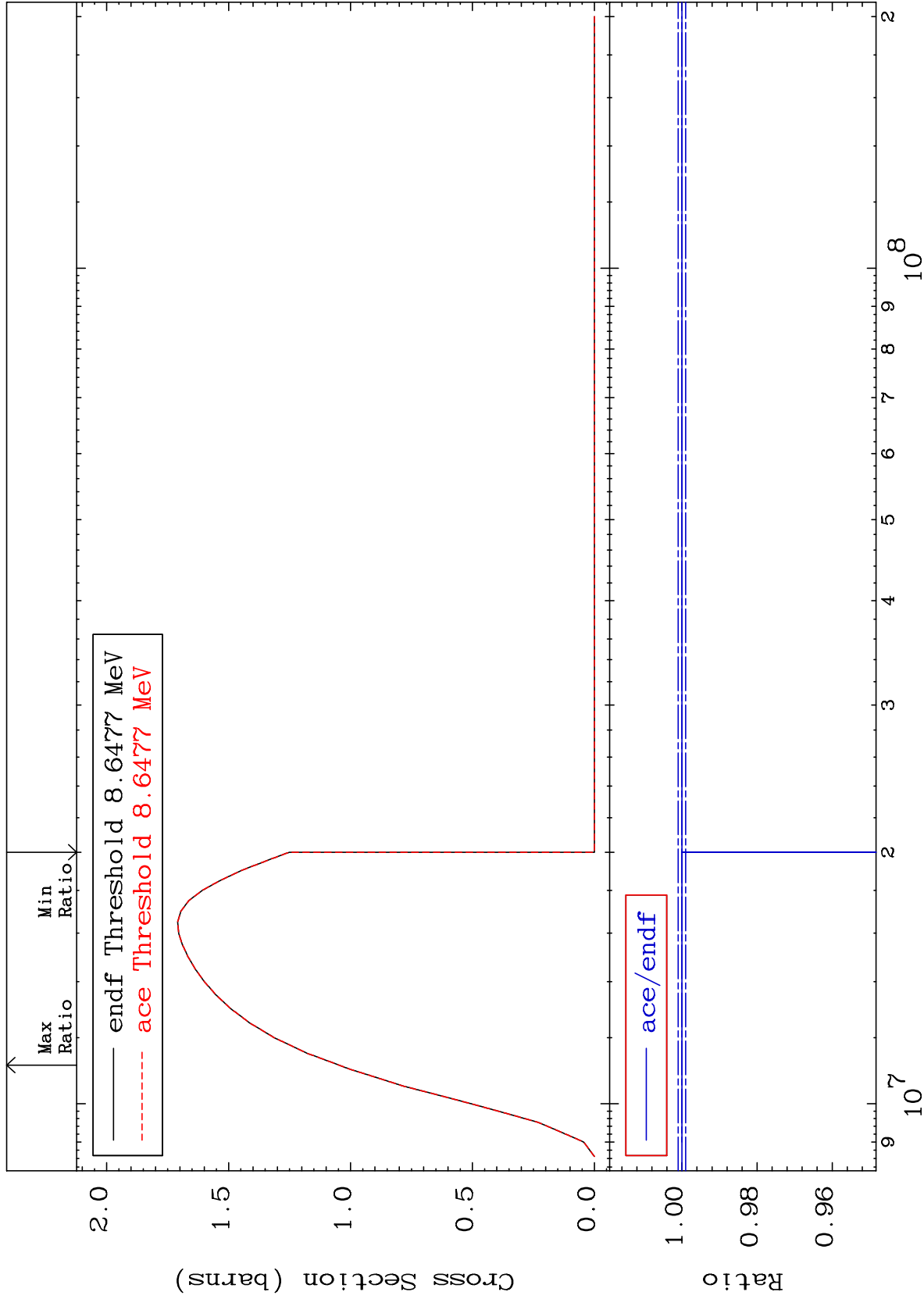
MAT 6425

(n, 2n)

64-Gd-152

Cross Section

-100.0 To 0.000 %



3

Incident Energy (eV)

64-Gd-152

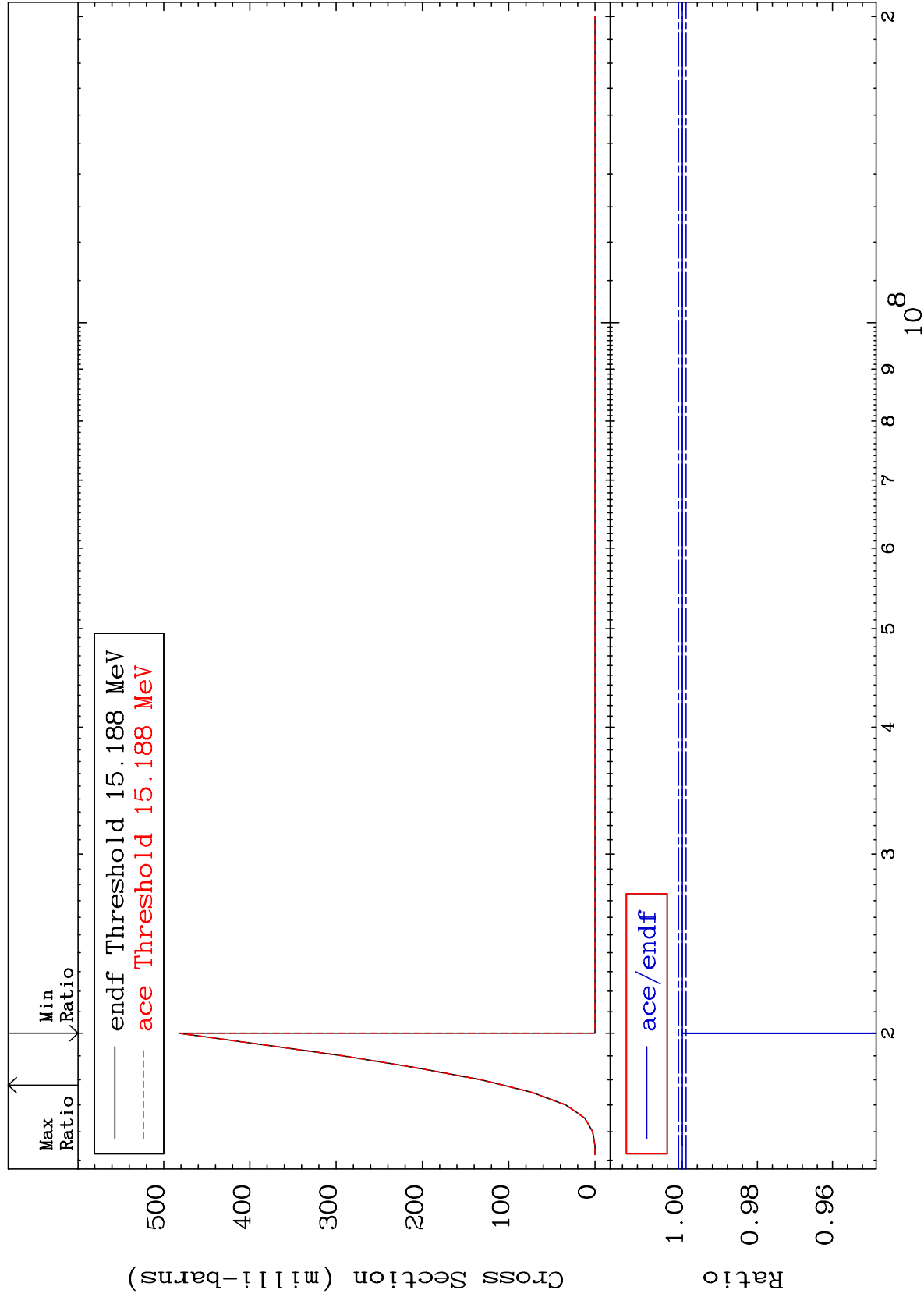
MAT 6425

(n, 3n)

64-Gd-152

Cross Section

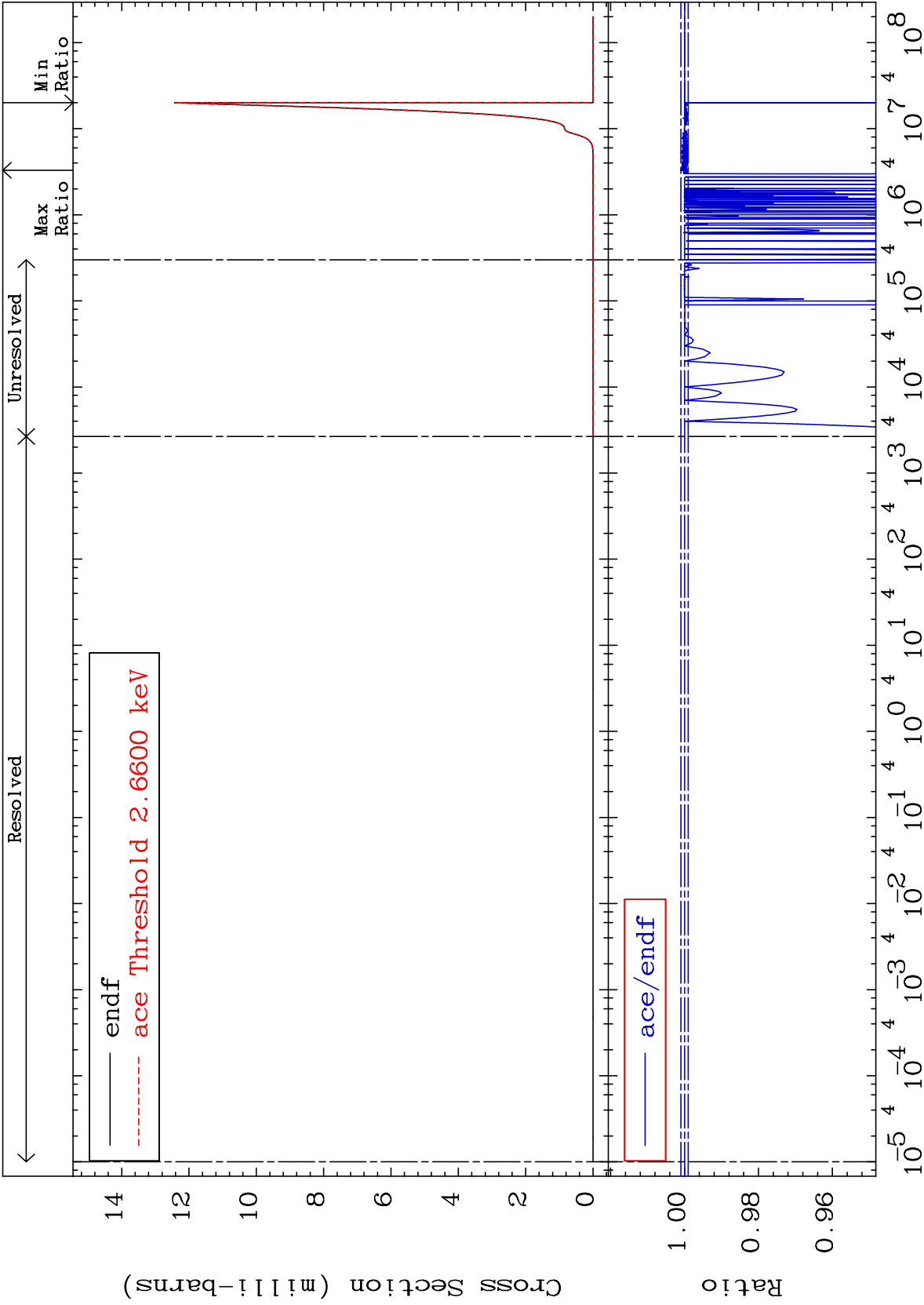
-100.0 To 0.000 %



MAT 6425

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

64-Gd-152
-100.0 To 0.098 %



5

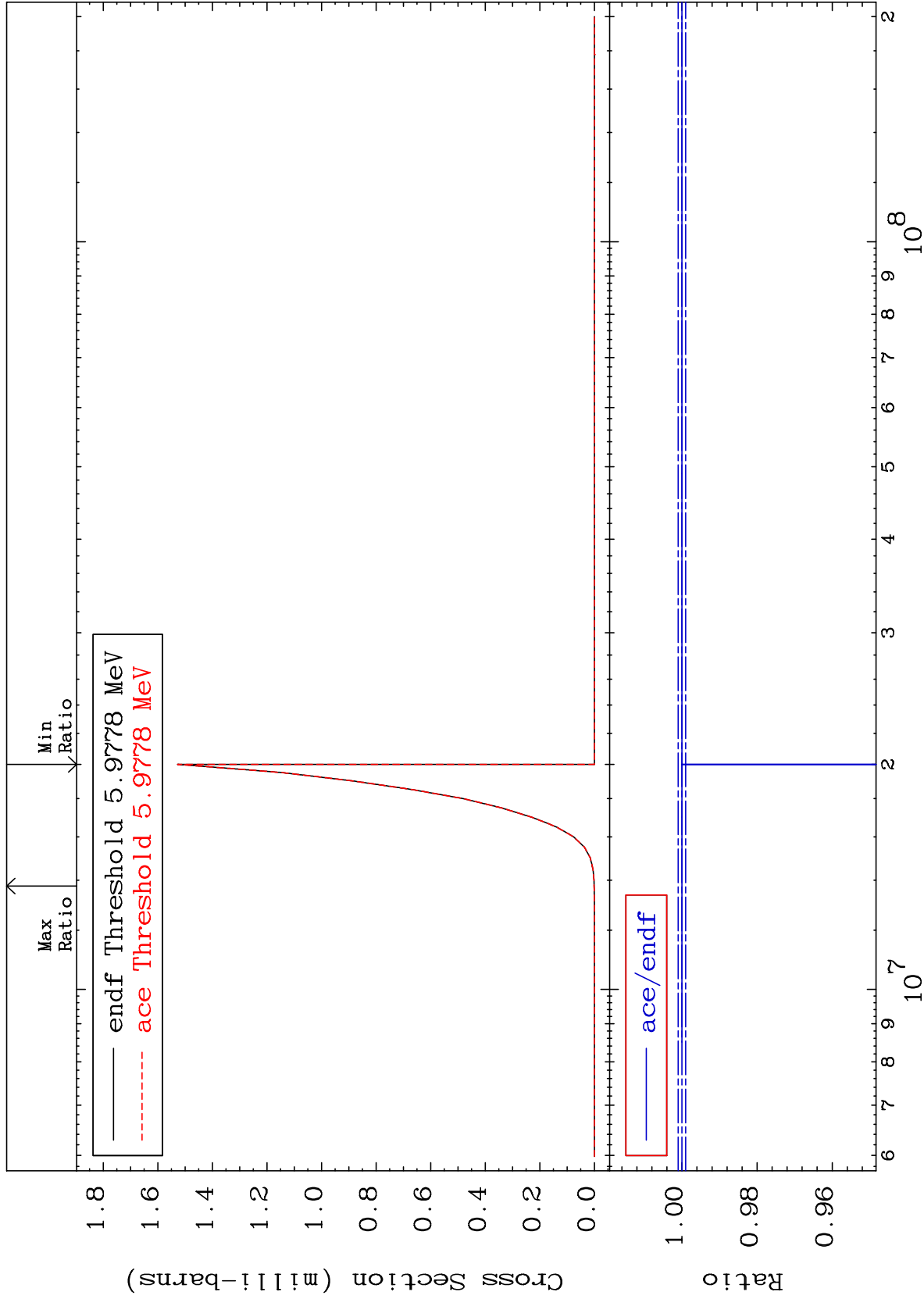
Incident Energy (eV)

64-Gd-152

MAT 6425

(n,2n) α
Cross Section

64-Gd-152
-100.0 To 0.000 %



6

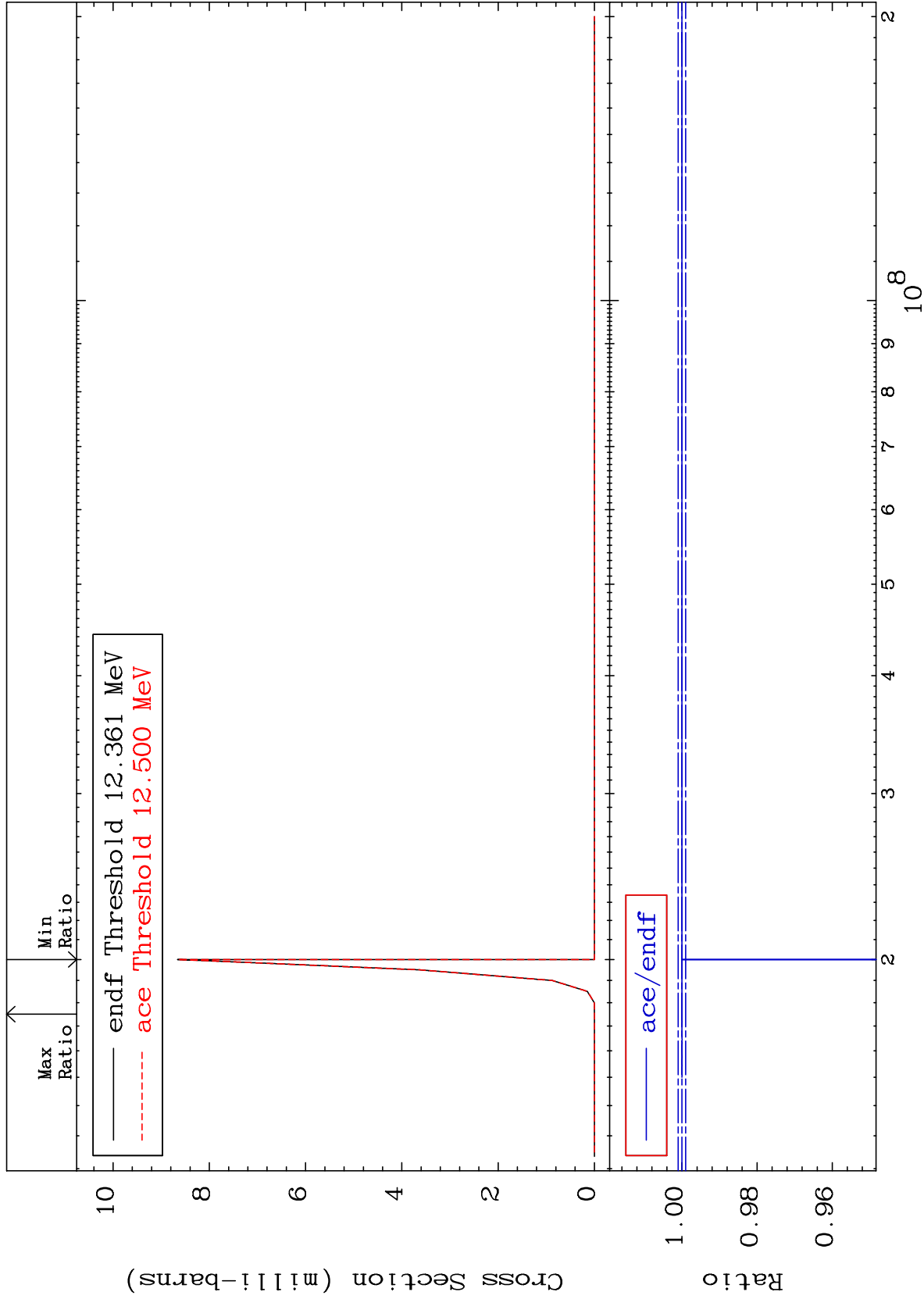
Incident Energy (eV)

64-Gd-152

MAT 6425

(n, 3n) α
Cross Section

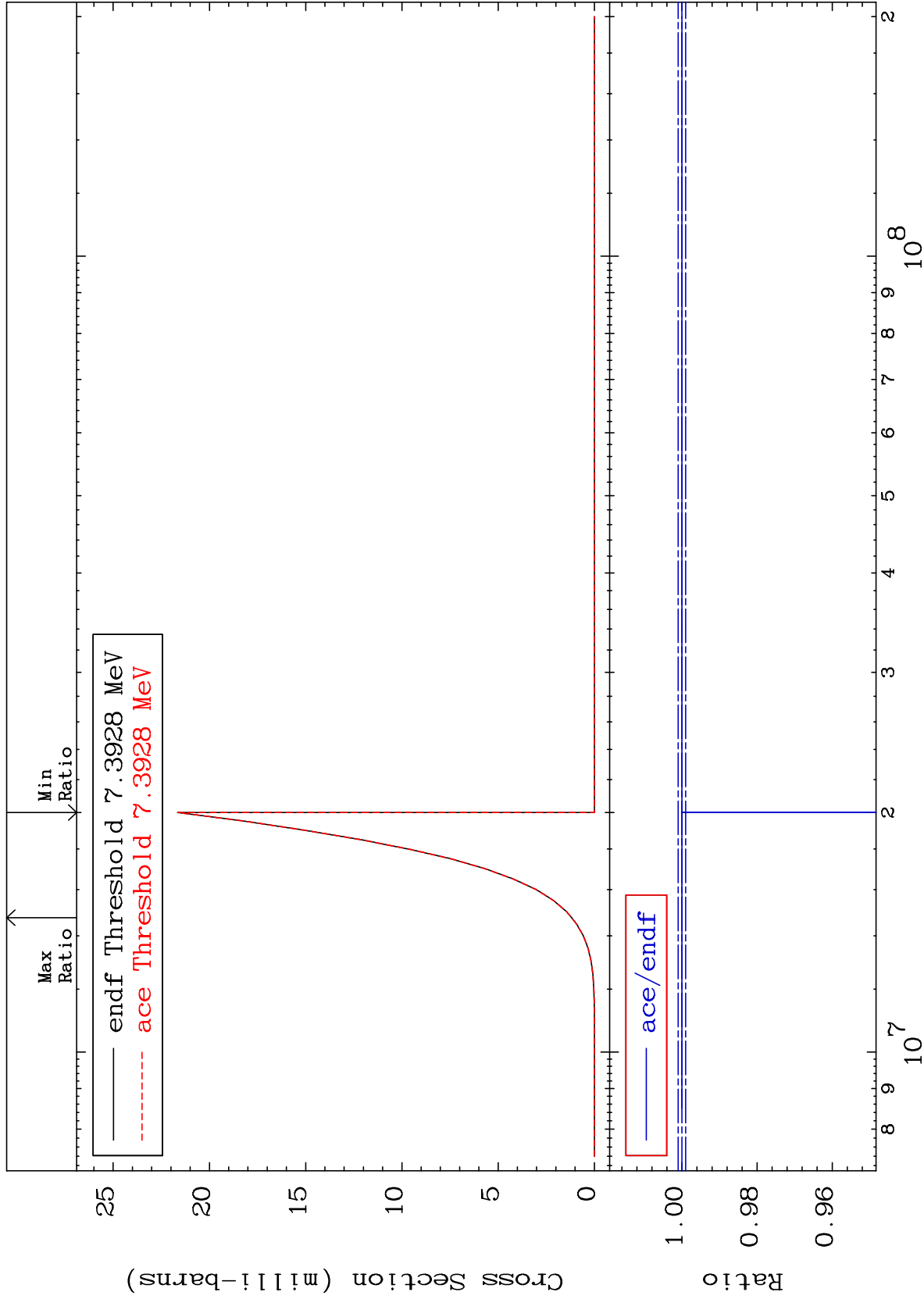
64-Gd-152
-100.0 To 0.001 %



MAT 6425

(n, n') p
Cross Section

64-Gd-152
-100.0 To 0.000 %



8

Incident Energy (eV)

64-Gd-152

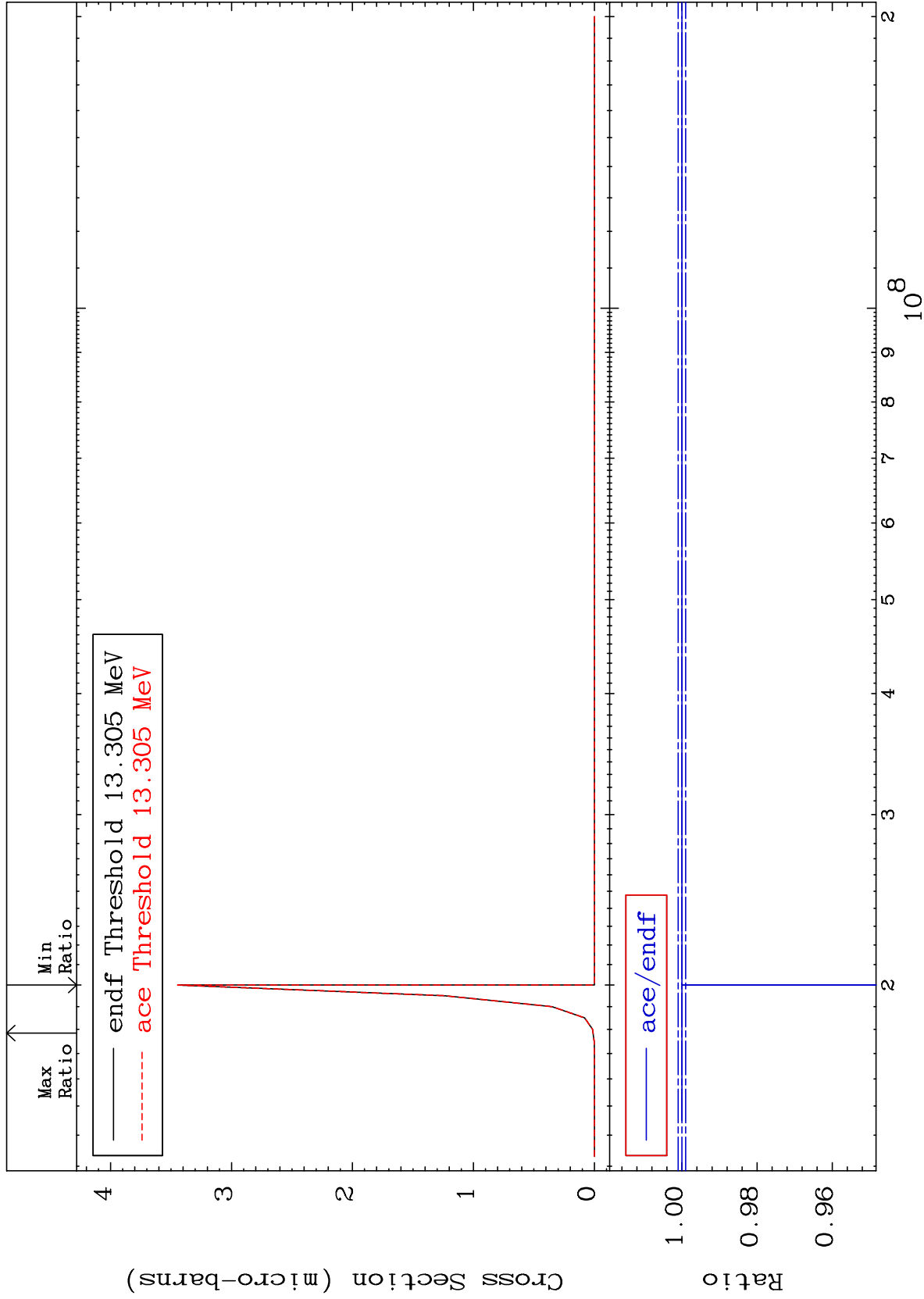
MAT 6425

(n, n') t

64-Gd-152

Cross Section

-100.0 To 0.000 %



10

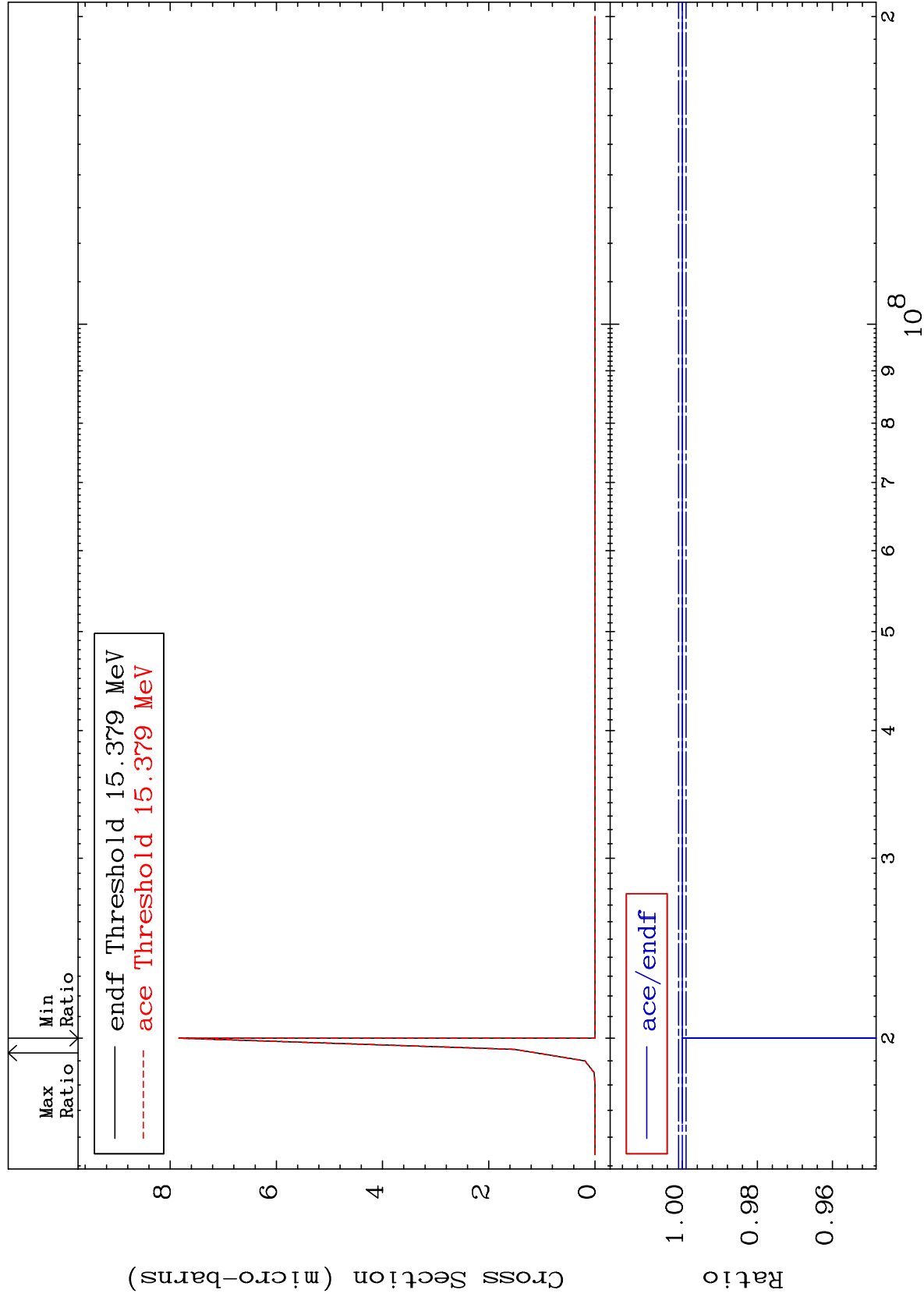
Incident Energy (eV)

64-Gd-152

MAT 6425

(n,2n) p
Cross Section

64-Gd-152
-100.0 To 0.000 %



11

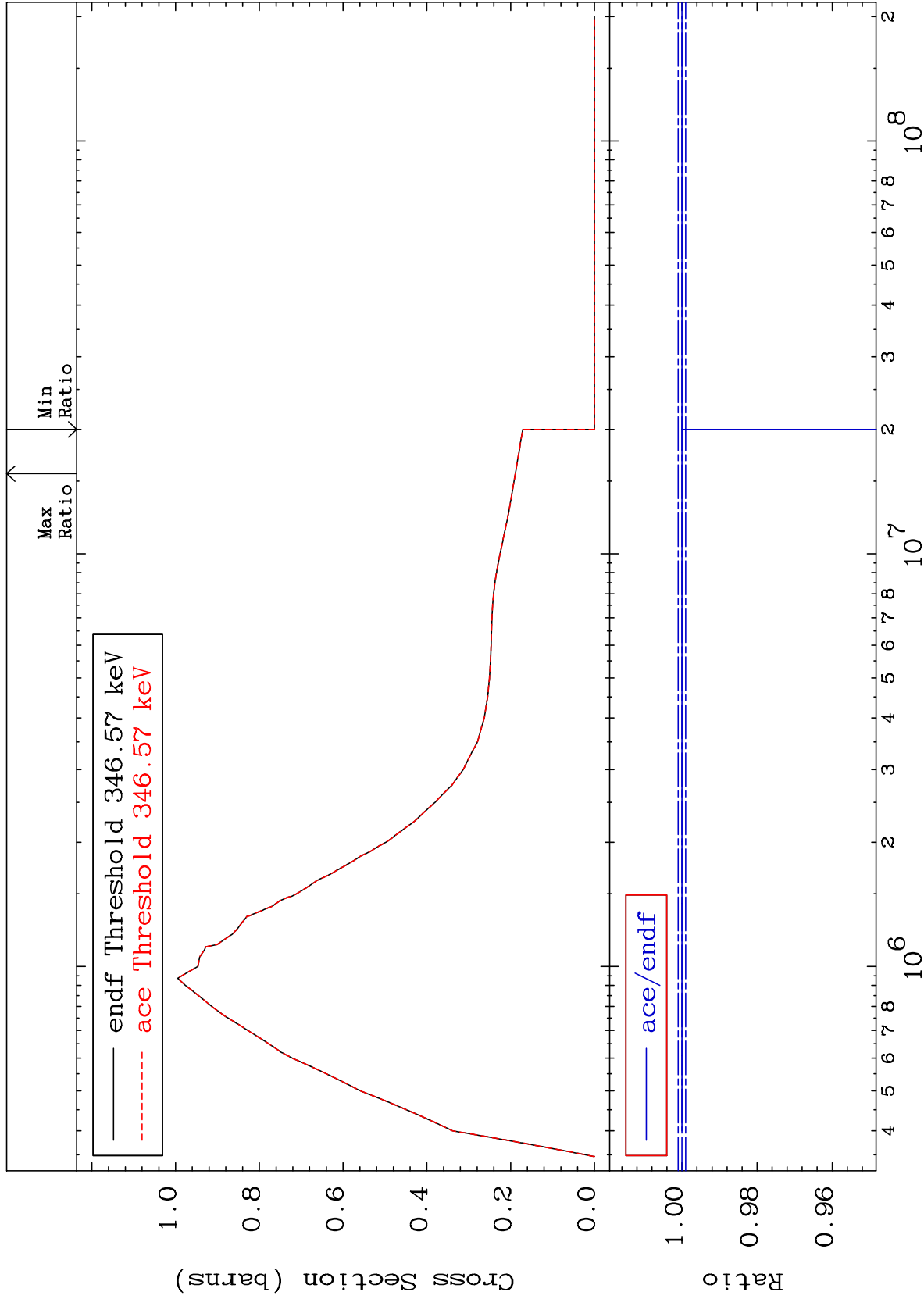
Incident Energy (eV)

64-Gd-152

MAT 6425

344.3 keV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



12

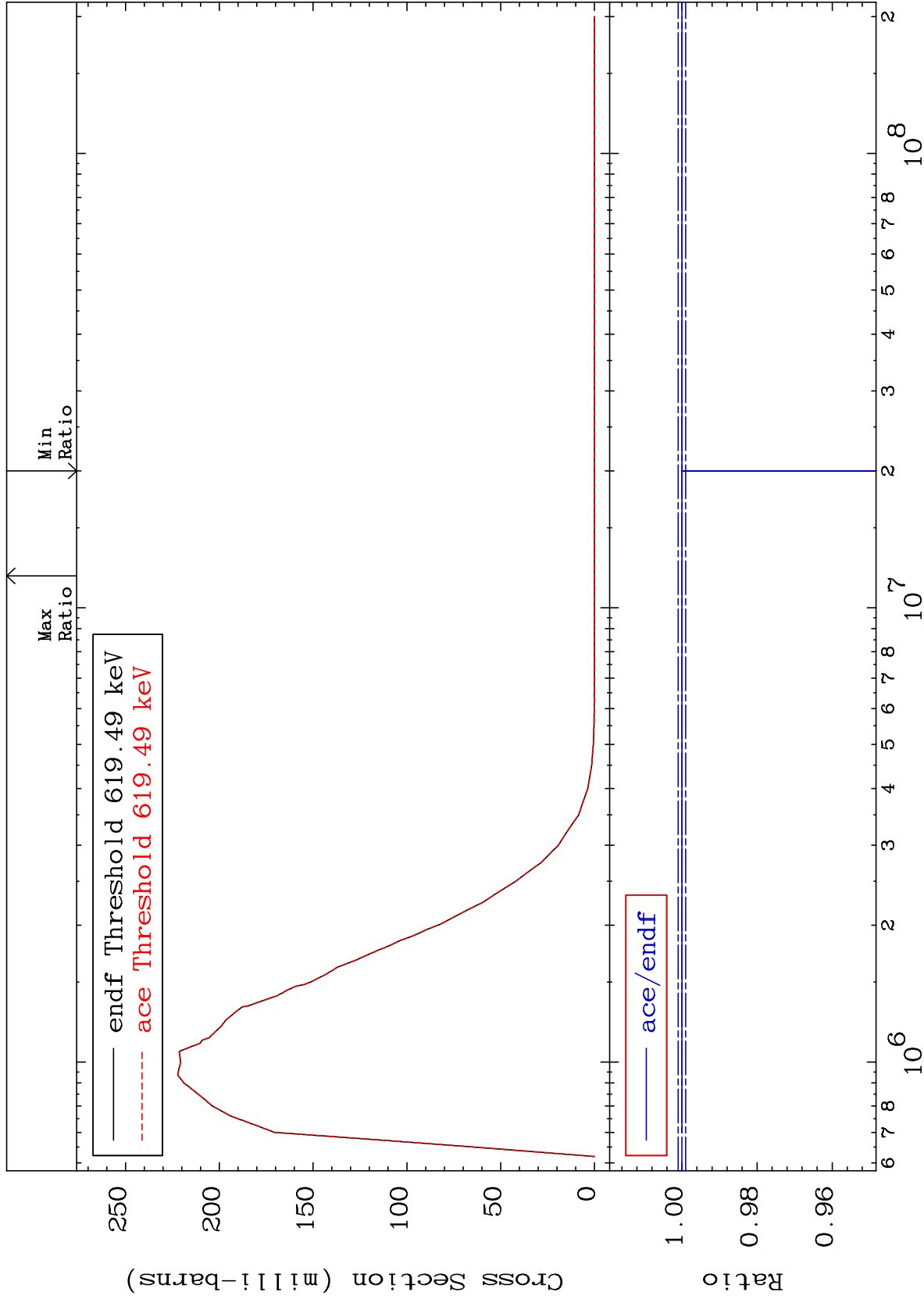
Incident Energy (eV)

64-Gd-152

MAT 6425

615.4 keV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



13

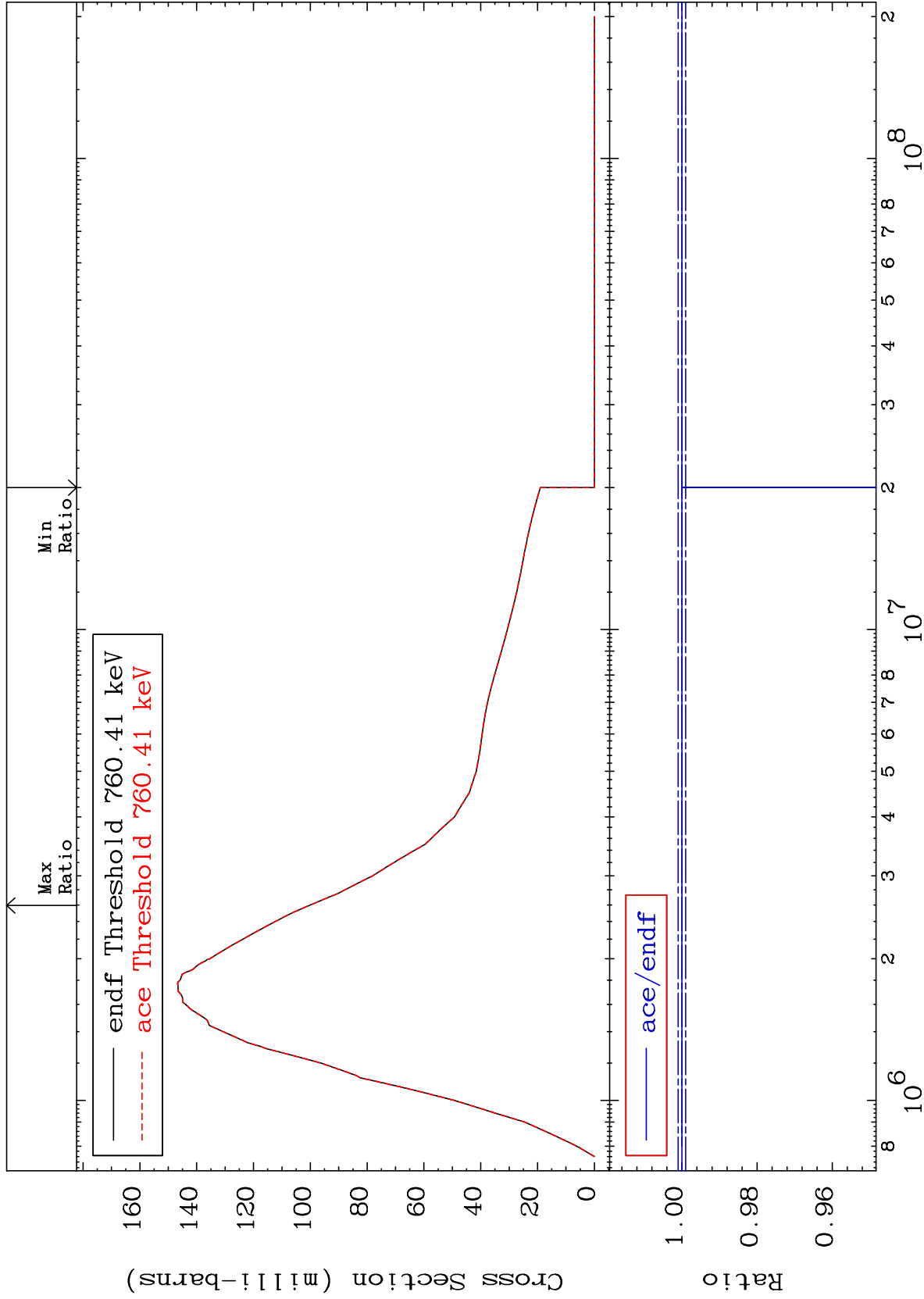
Incident Energy (eV)

64-Gd-152

MAT 6425

755.4 keV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



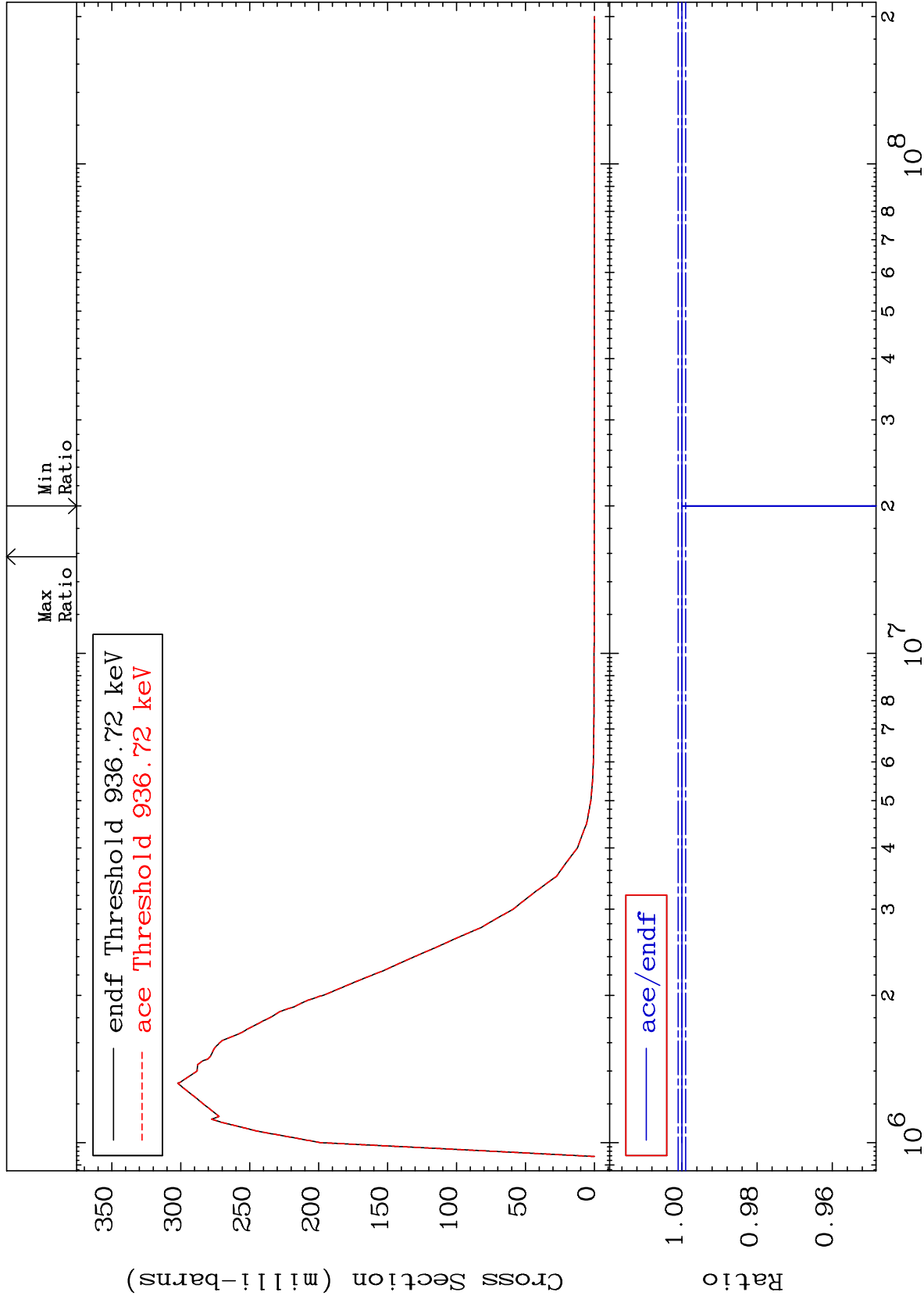
14

64-Gd-152

MAT 6425

930.5 keV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



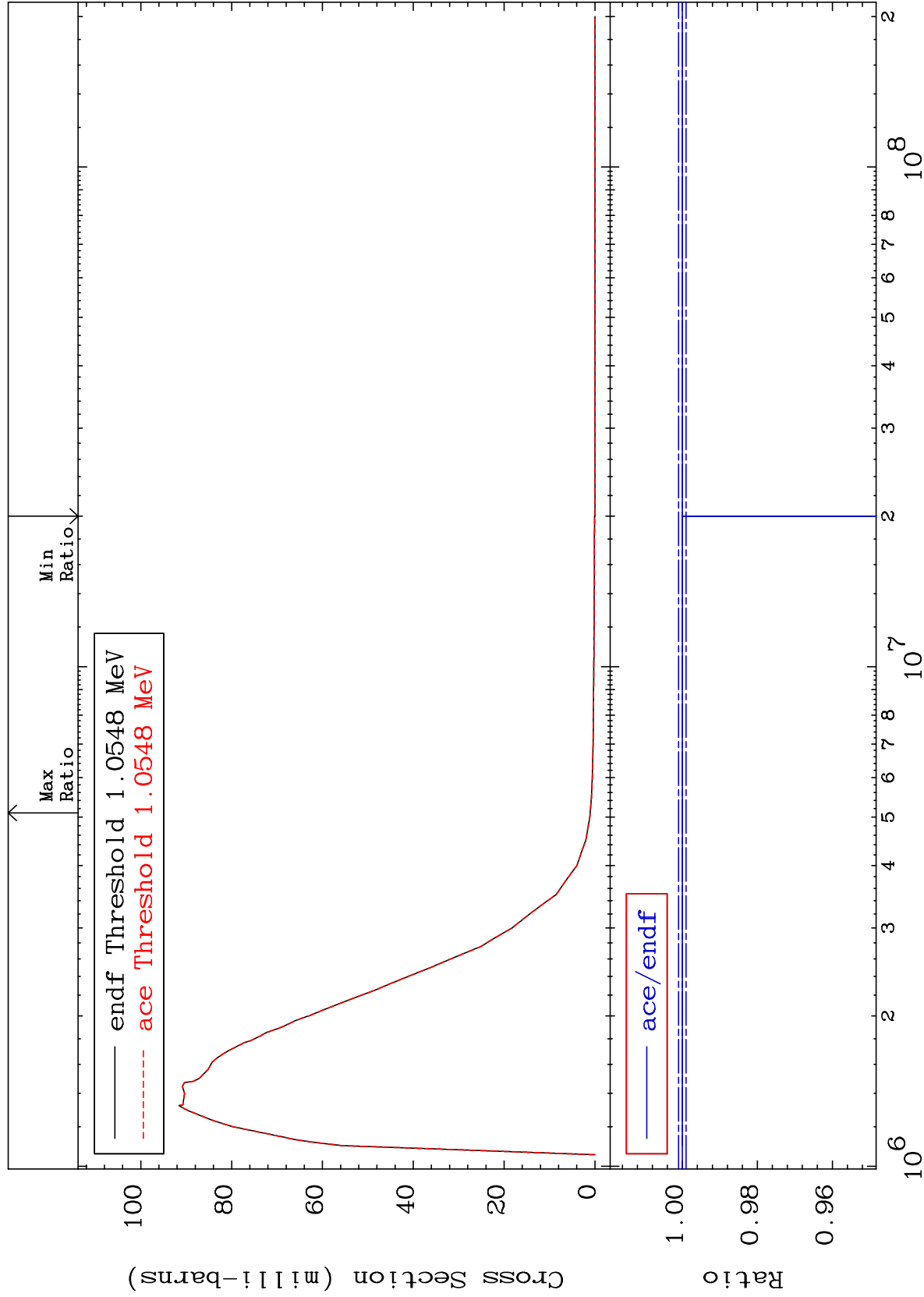
64-Gd-152

15

MAT 6425

1.048 MeV (n,n') Level
Cross Section

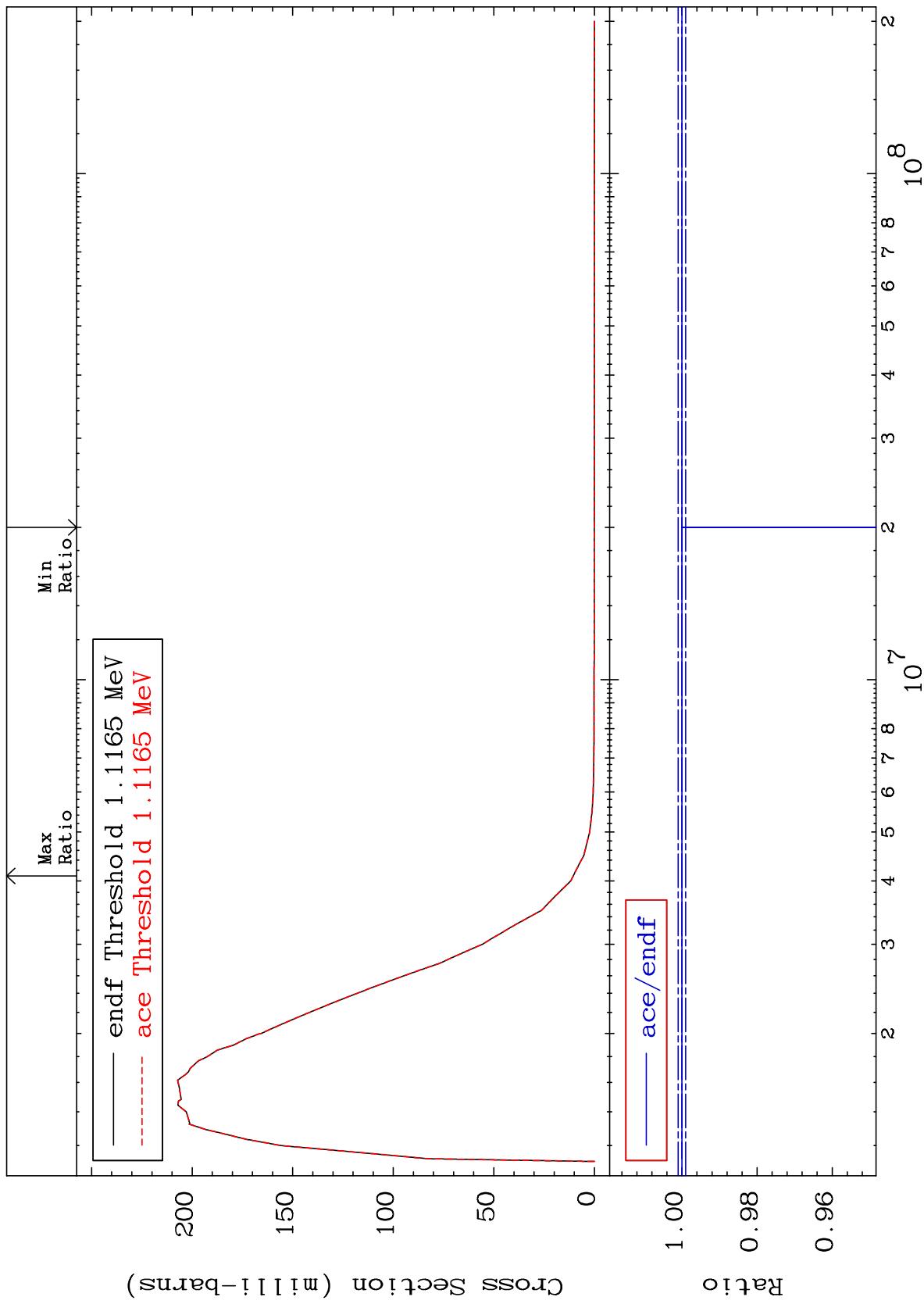
64-Gd-152
-100.0 To 0.000 %



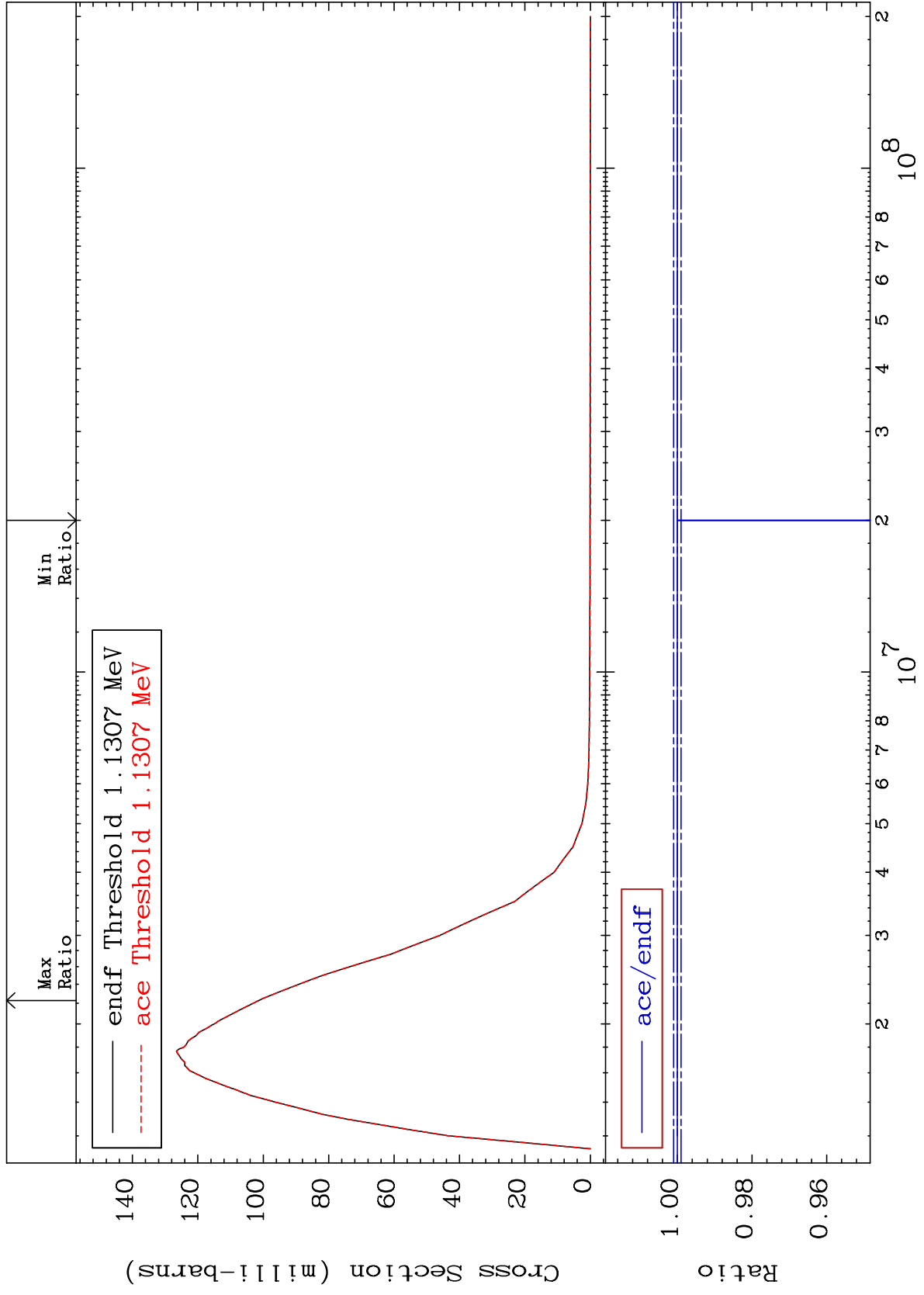
Incident Energy (eV)

64-Gd-152

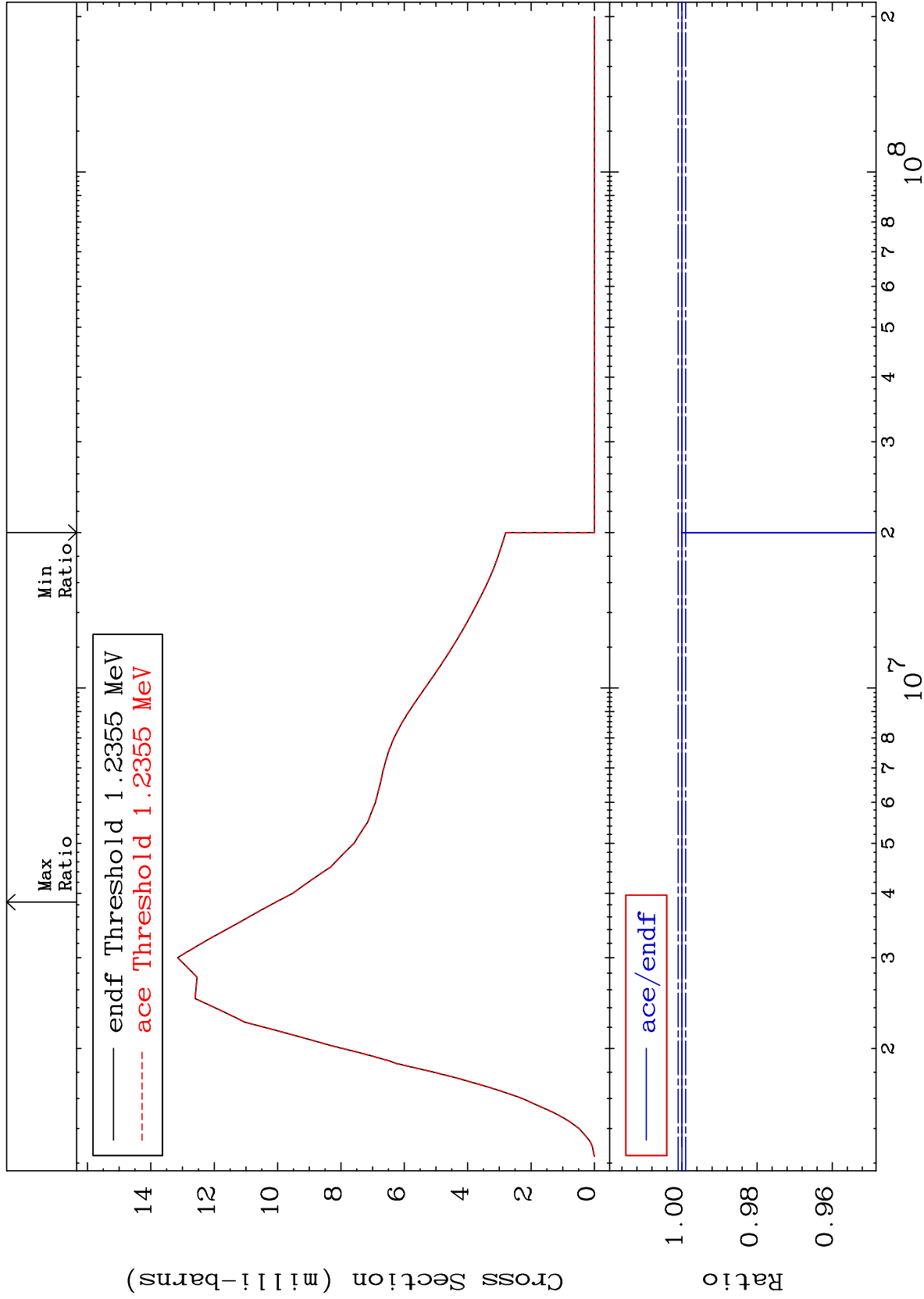
MAT 6425 1.109 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



MAT 6425 1.123 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



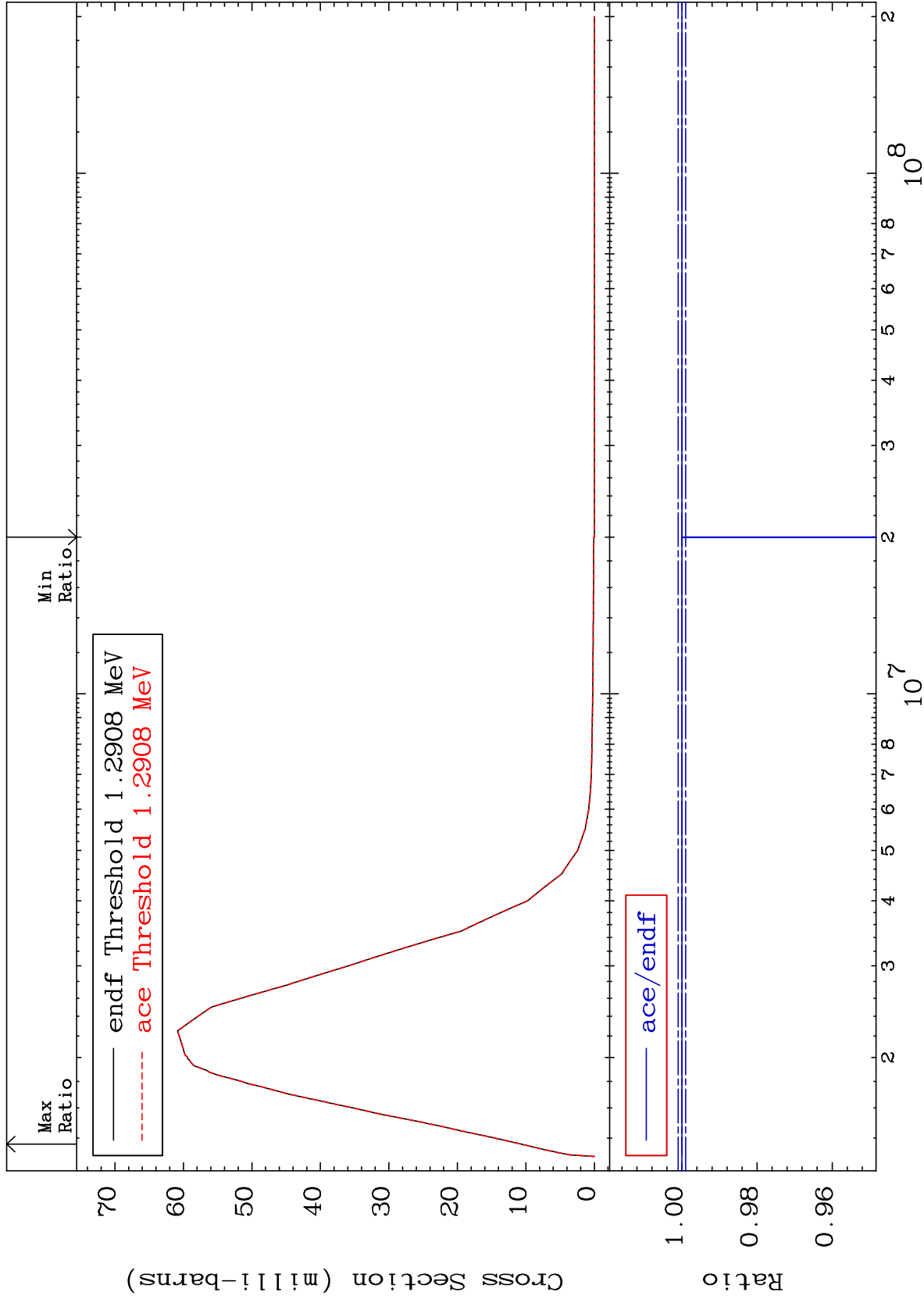
MAT 6425 1.227 MeV (n,n') Level Cross Section 64-Gd-152 -100.0 To 0.000 %



MAT 6425

1.282 MeV (n,n') Level
Cross Section

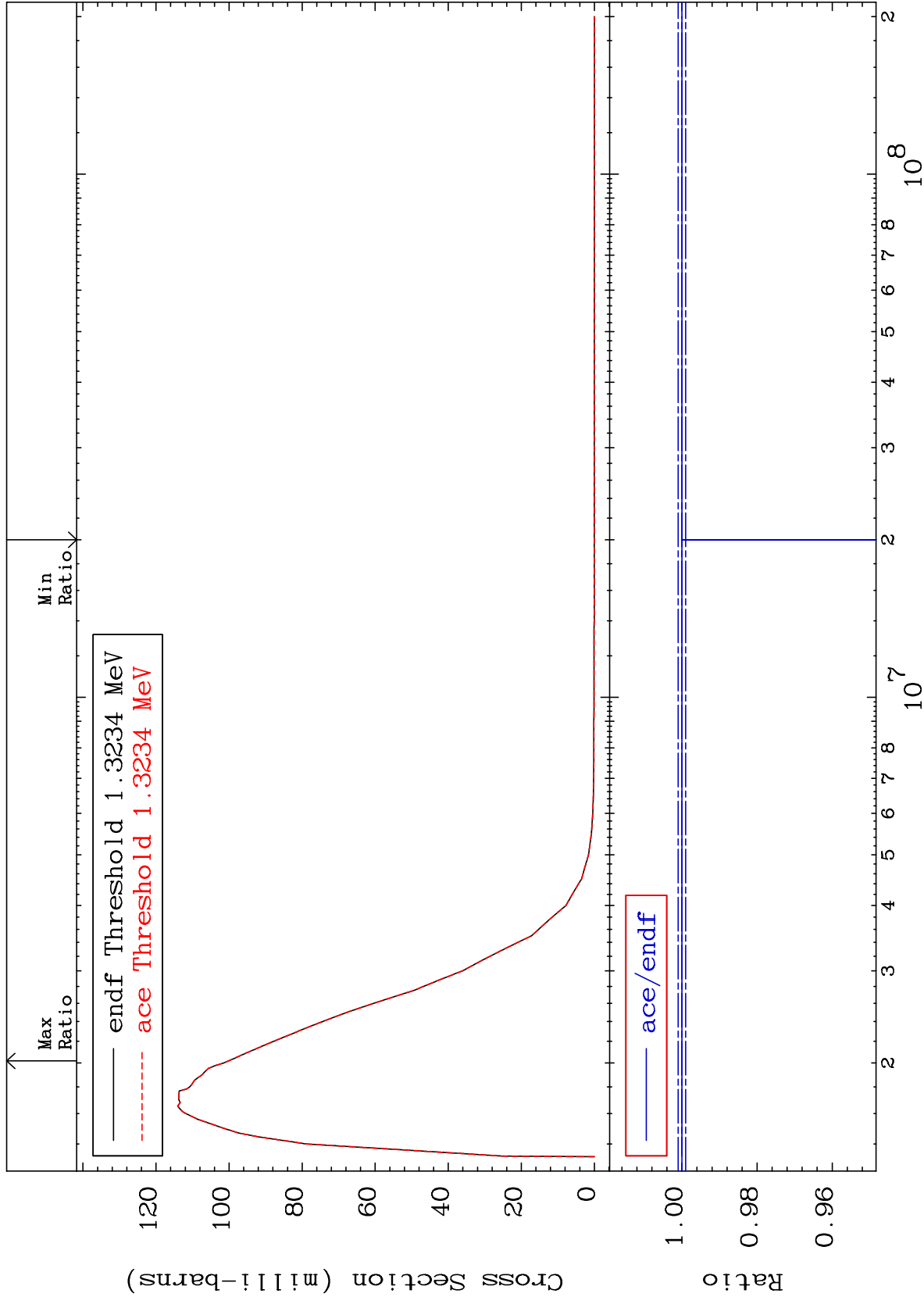
64-Gd-152
-100.0 To 0.000 %



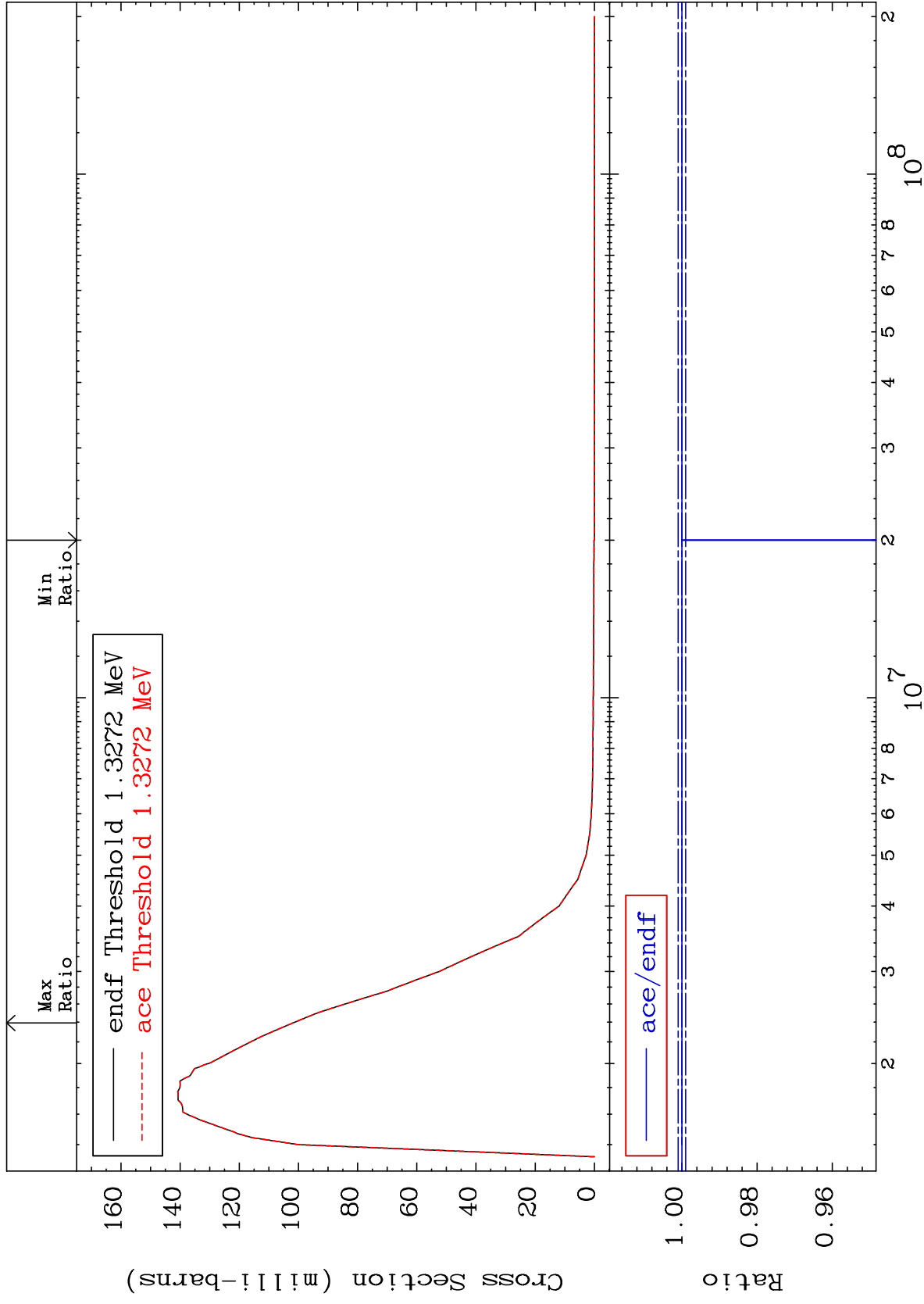
20

64-Gd-152

MAT 6425 1.315 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



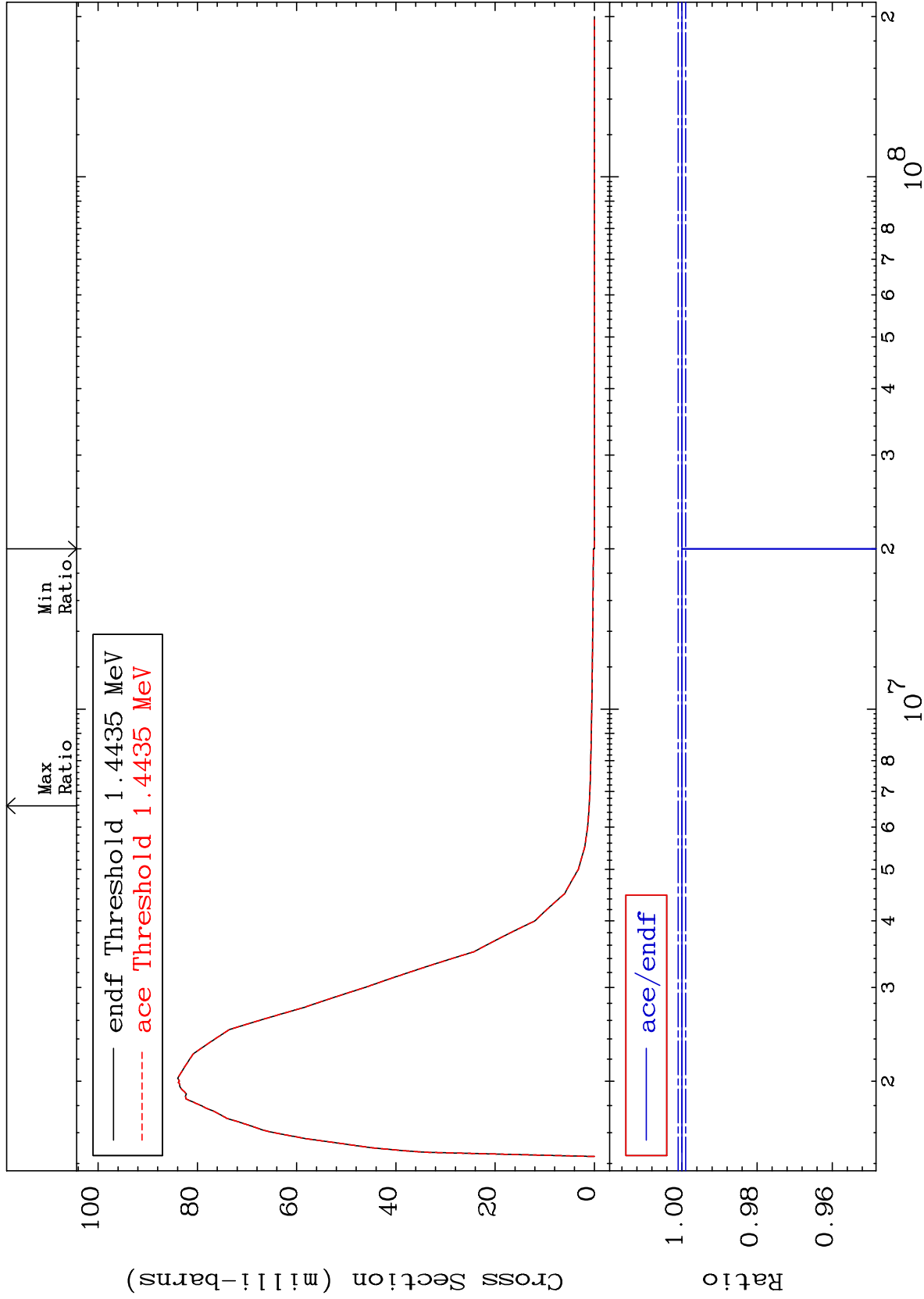
MAT 6425 1.318 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



MAT 6425

1.434 MeV (n,n') Level
Cross Section

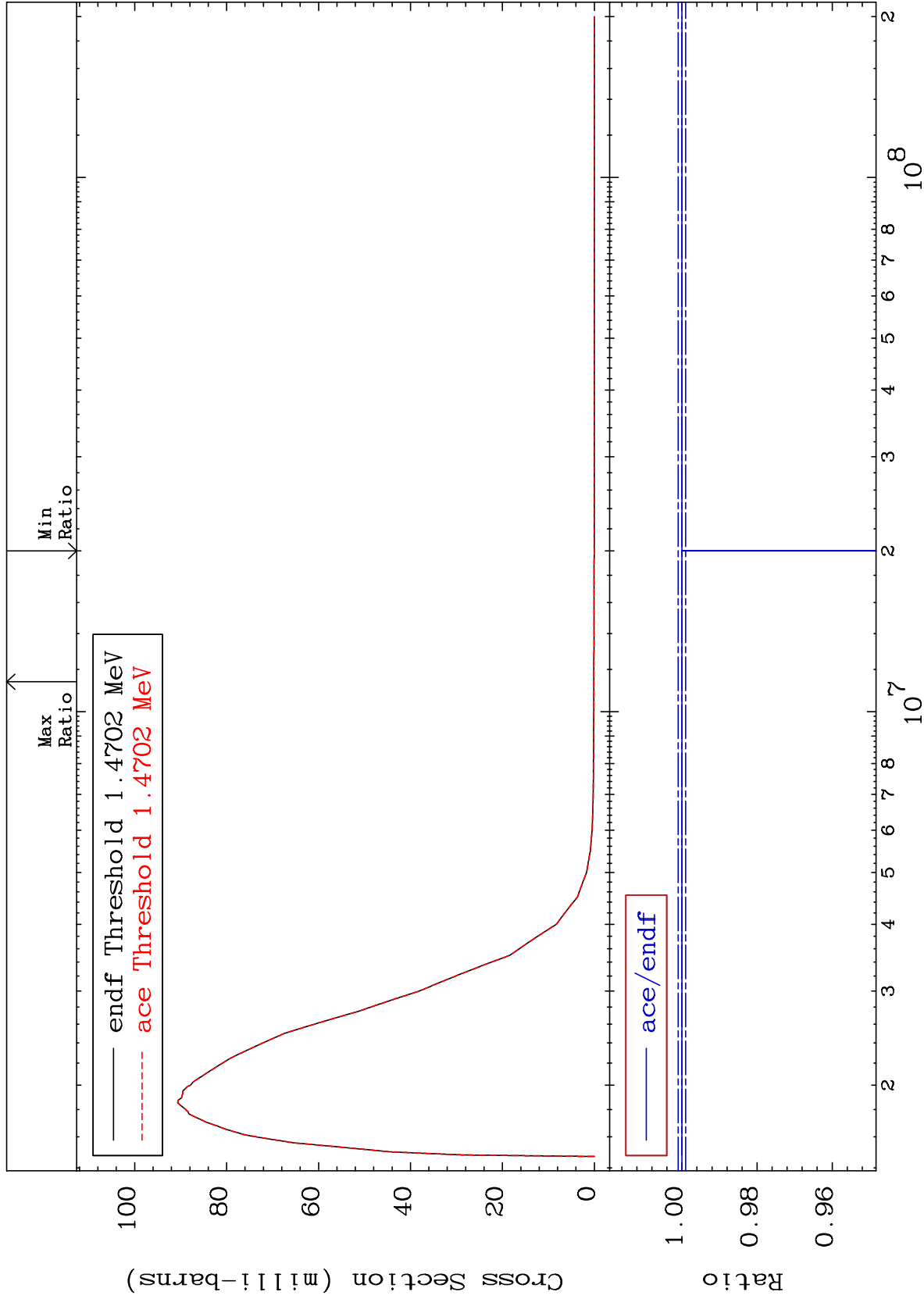
64-Gd-152
-100.0 To 0.000 %



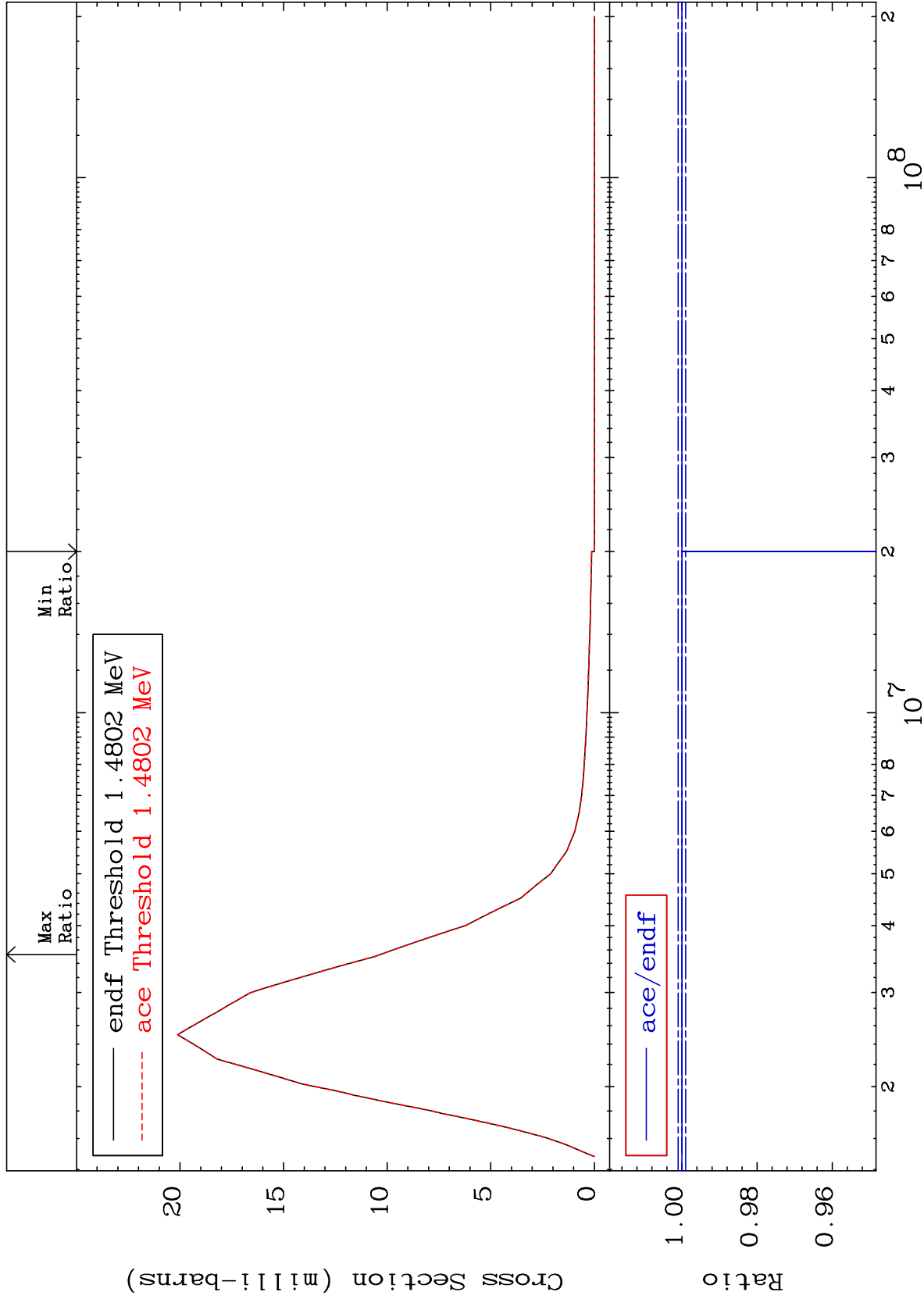
MAT 6425

1.461 MeV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



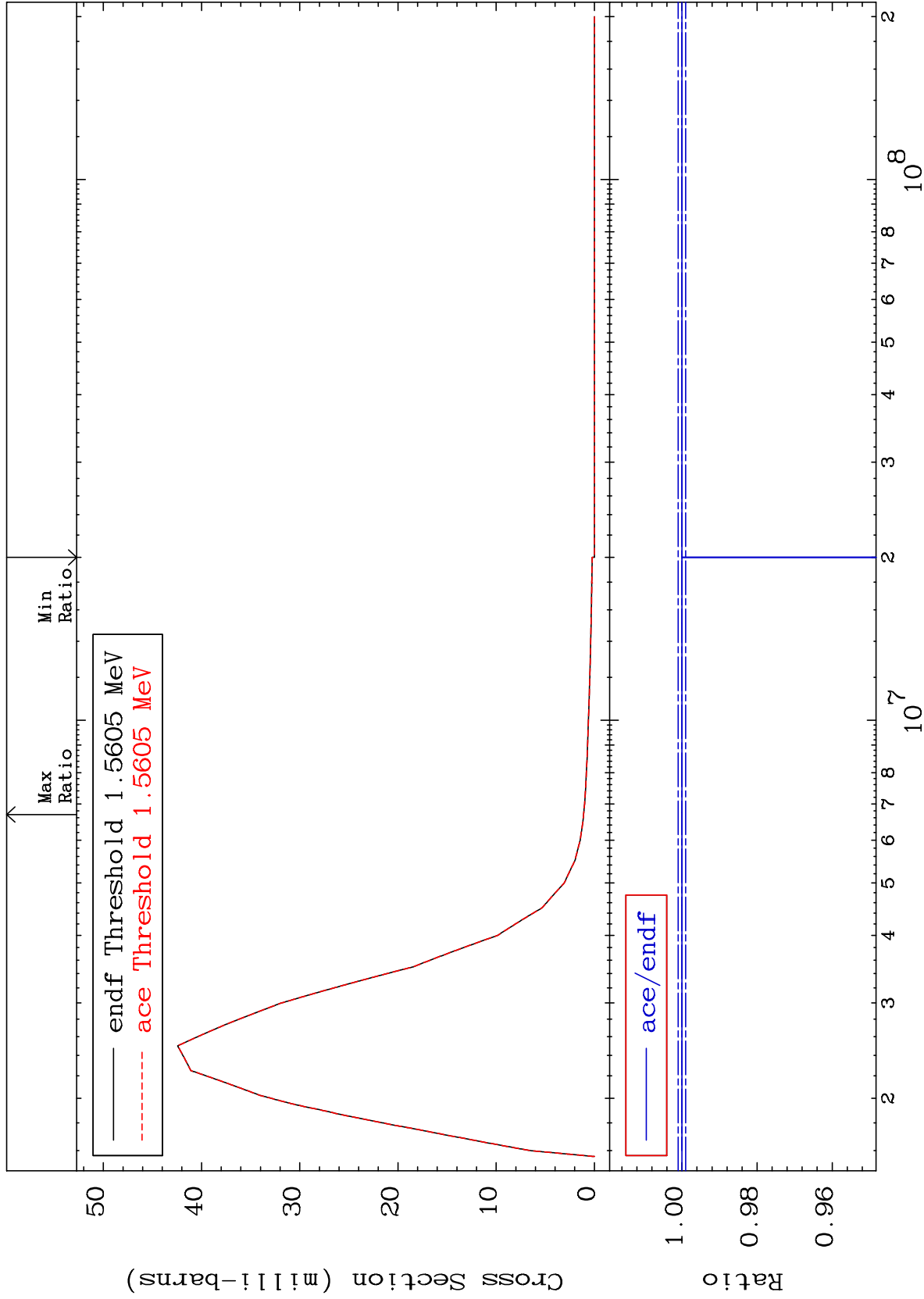
MAT 6425 1.470 MeV (n,n') Level 64-Gd-152
Cross Section -100.0 To 0.000 %



MAT 6425

1.550 MeV (n,n') Level
Cross Section

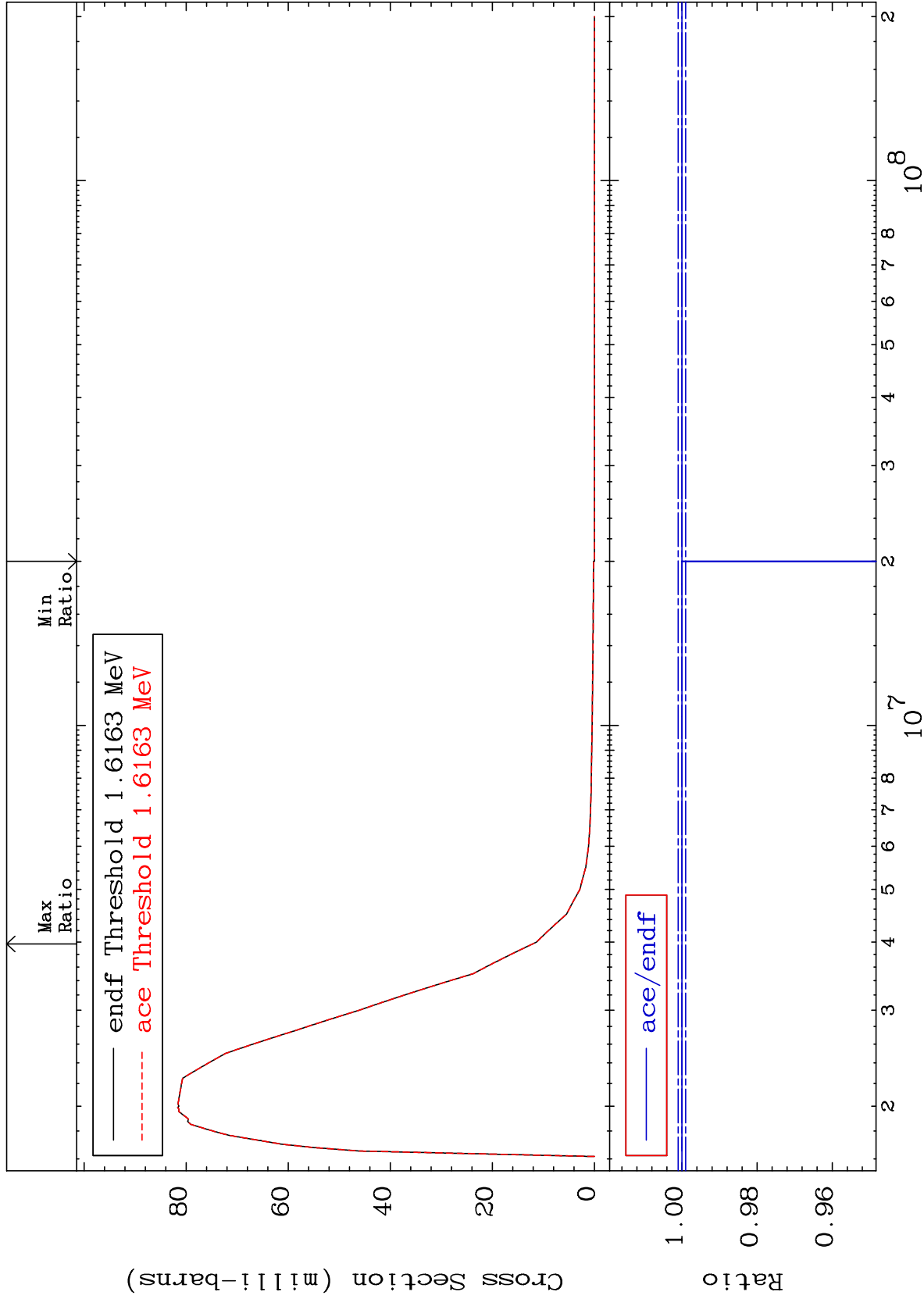
64-Gd-152
-100.0 To 0.000 %



MAT 6425

1.606 MeV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



27

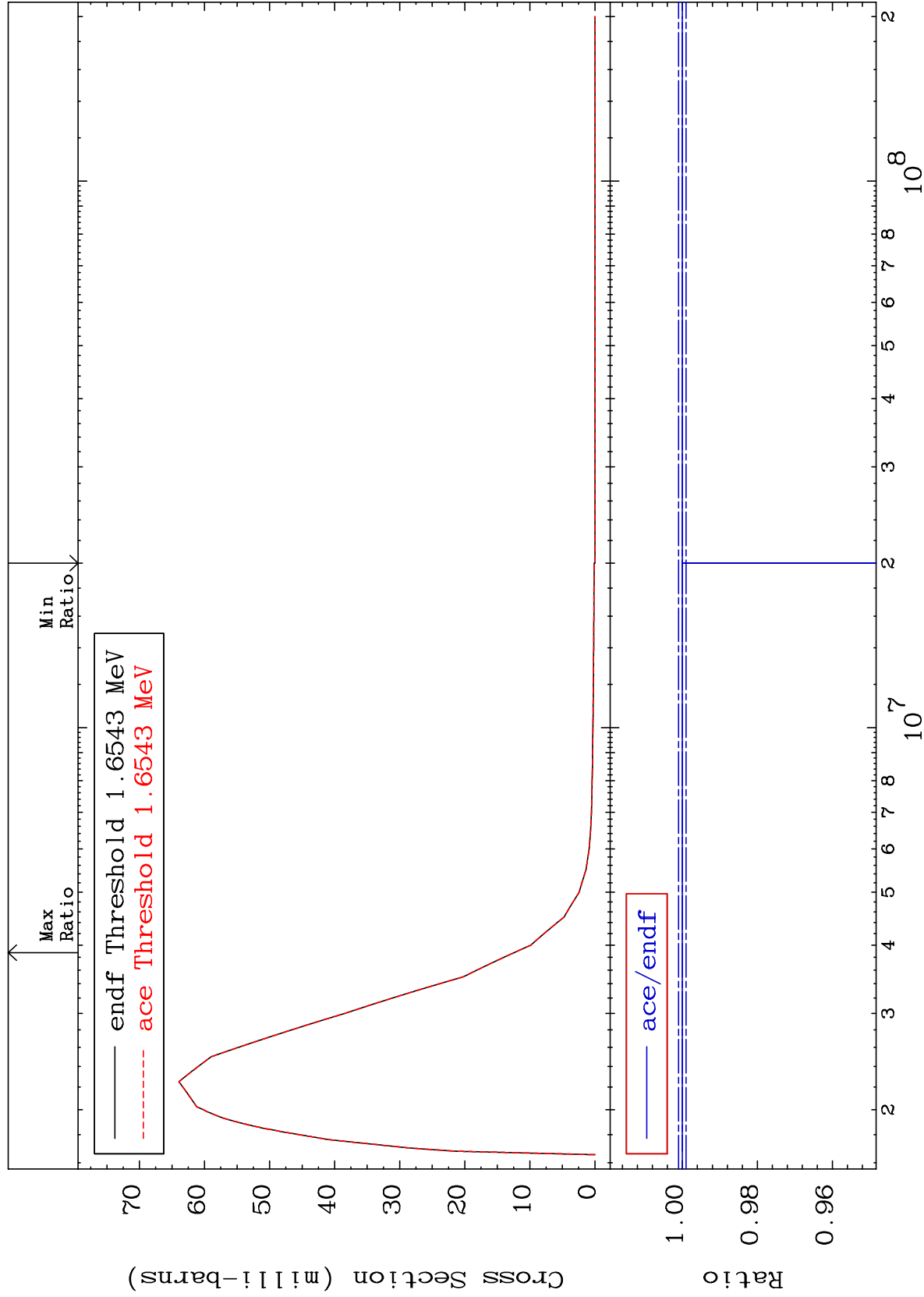
Incident Energy (eV)

64-Gd-152

MAT 6425

1.643 MeV (n,n') Level
Cross Section

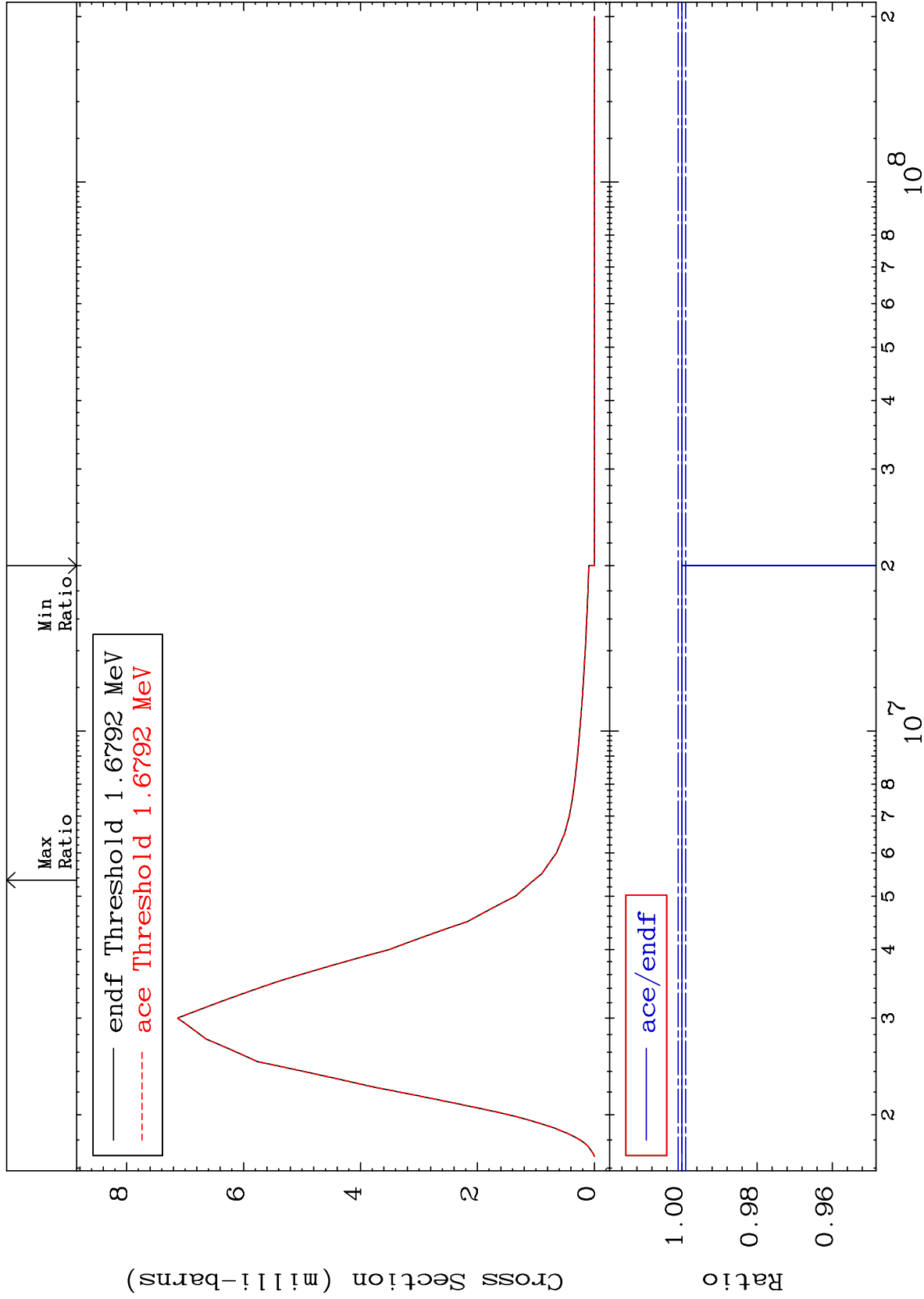
64-Gd-152
-100.0 To 0.000 %



MAT 6425

1.668 MeV (n,n') Level
Cross Section

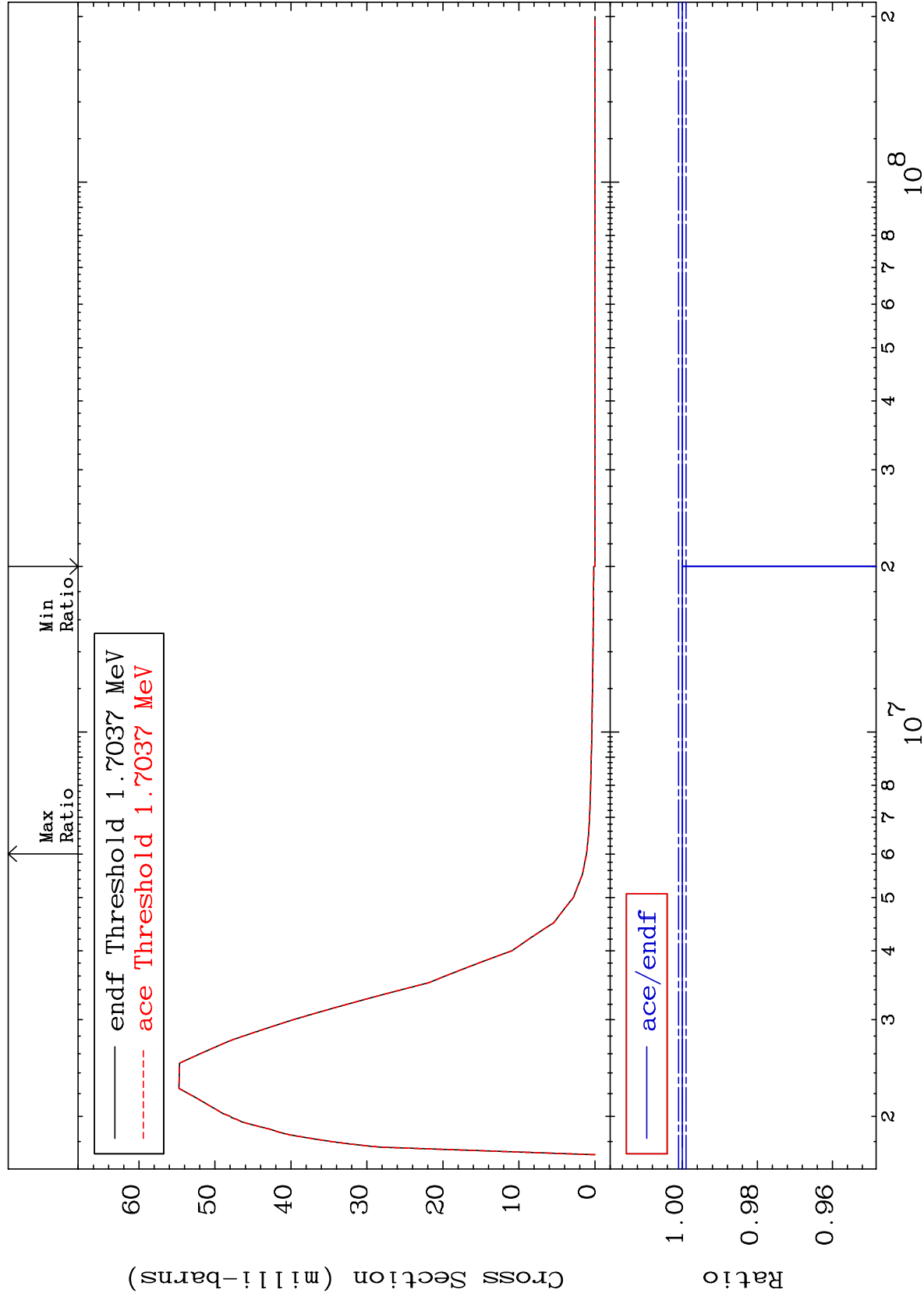
64-Gd-152
-100.0 To 0.000 %



MAT 6425

1.692 MeV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



30

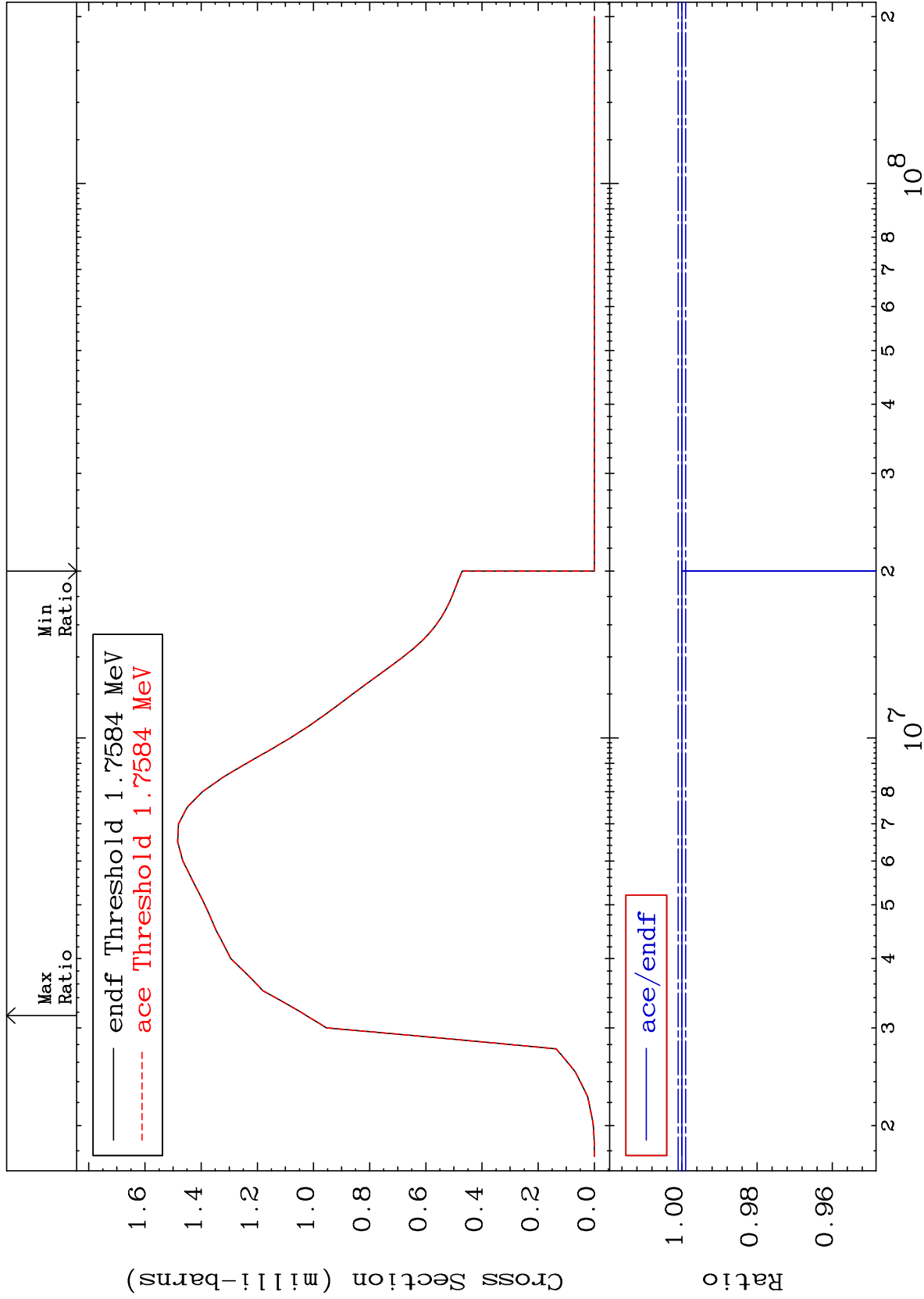
Incident Energy (eV)

64-Gd-152

MAT 6425

1.747 MeV (n,n') Level
Cross Section

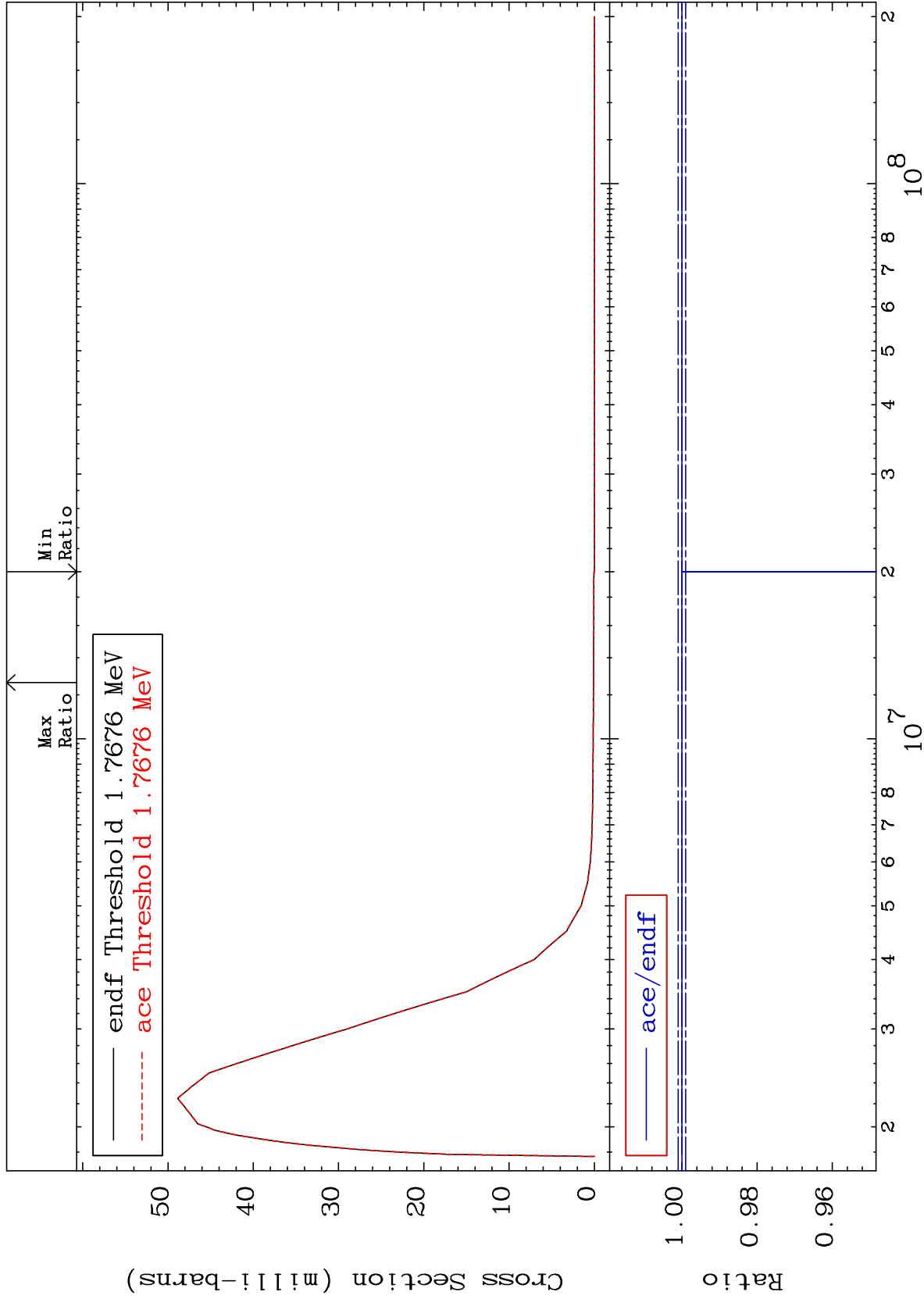
64-Gd-152
-100.0 To 0.000 %



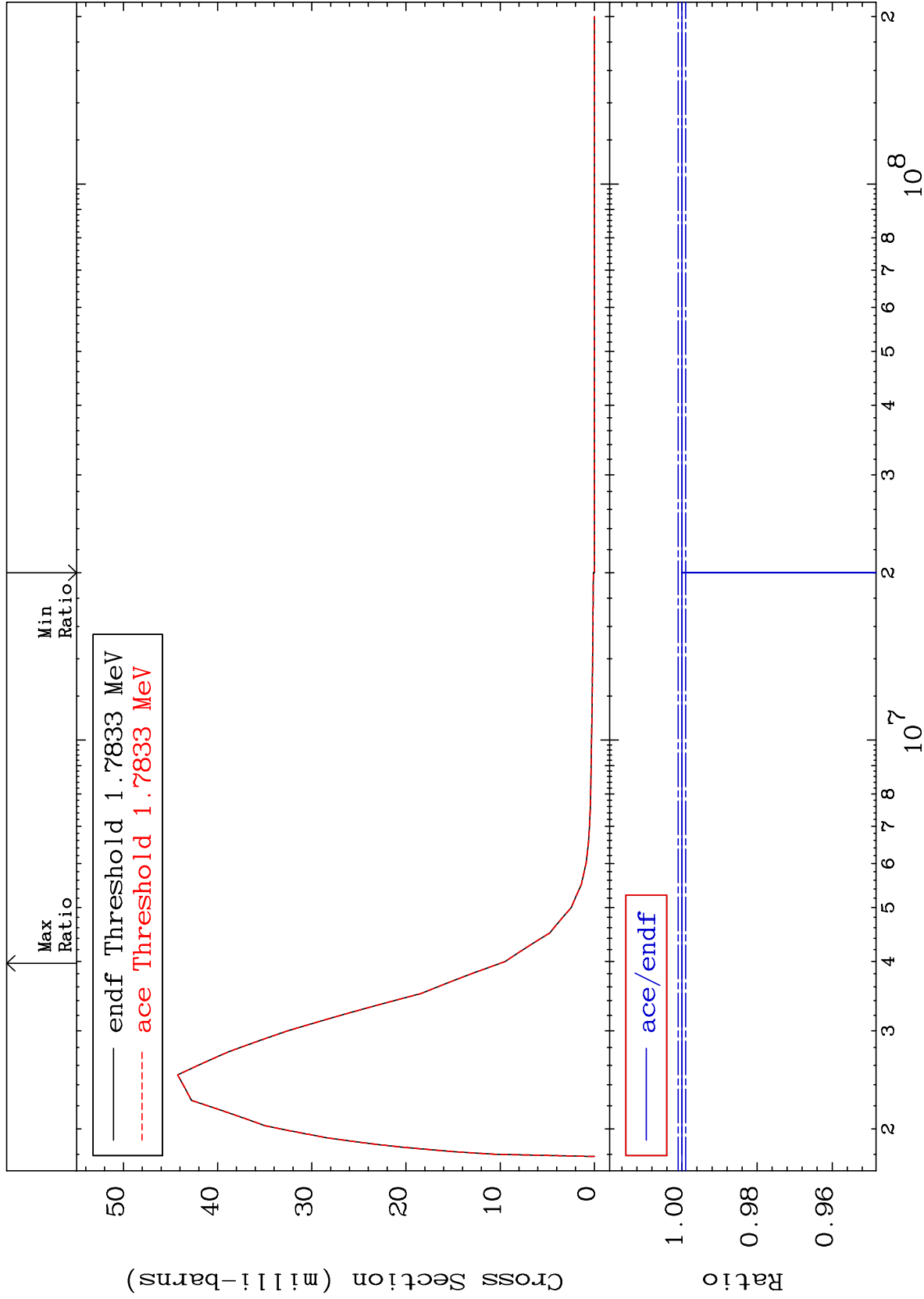
MAT 6425

1.756 MeV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %

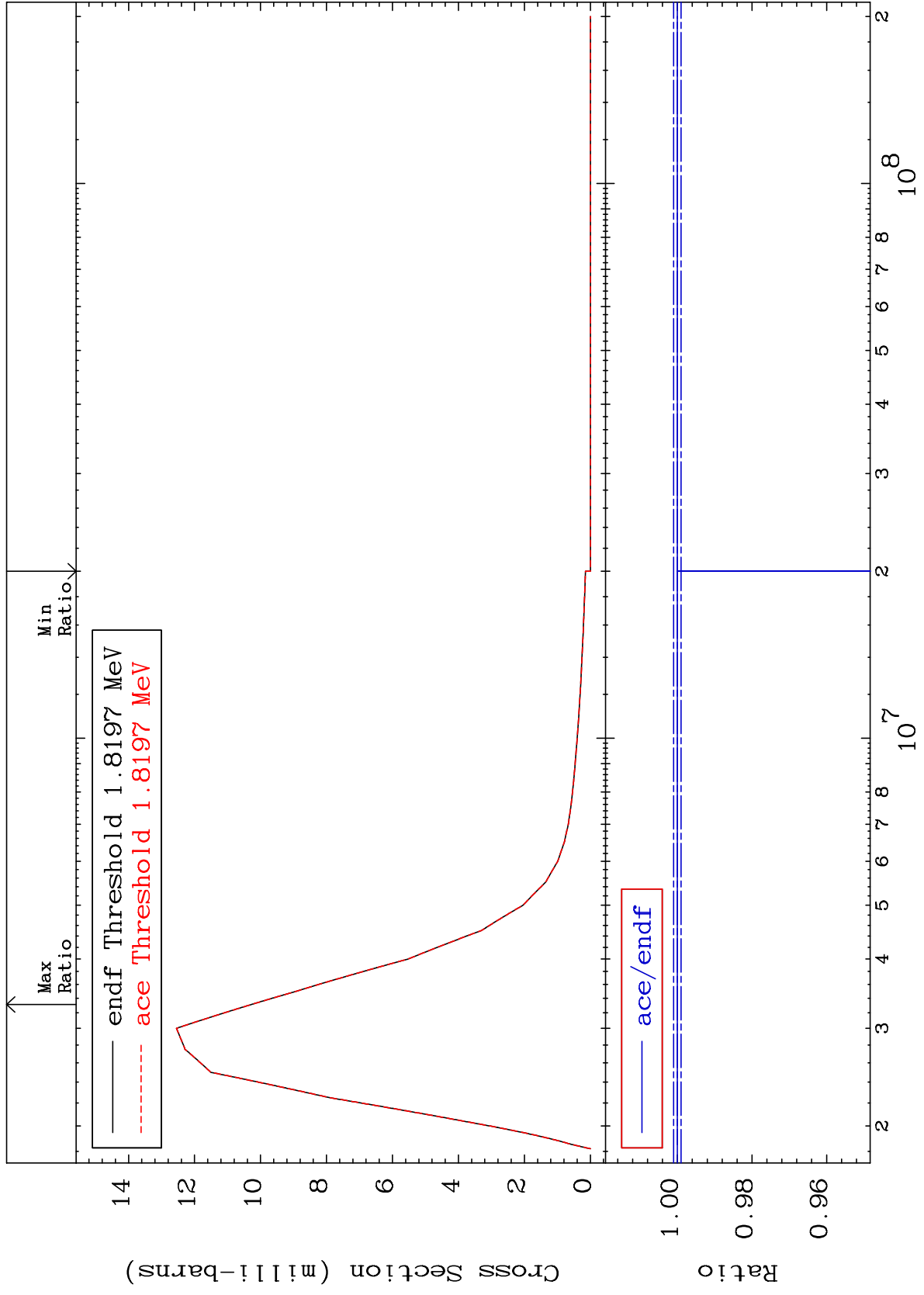


MAT 6425 1.772 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



33 Incident Energy (eV) 64-Gd-152

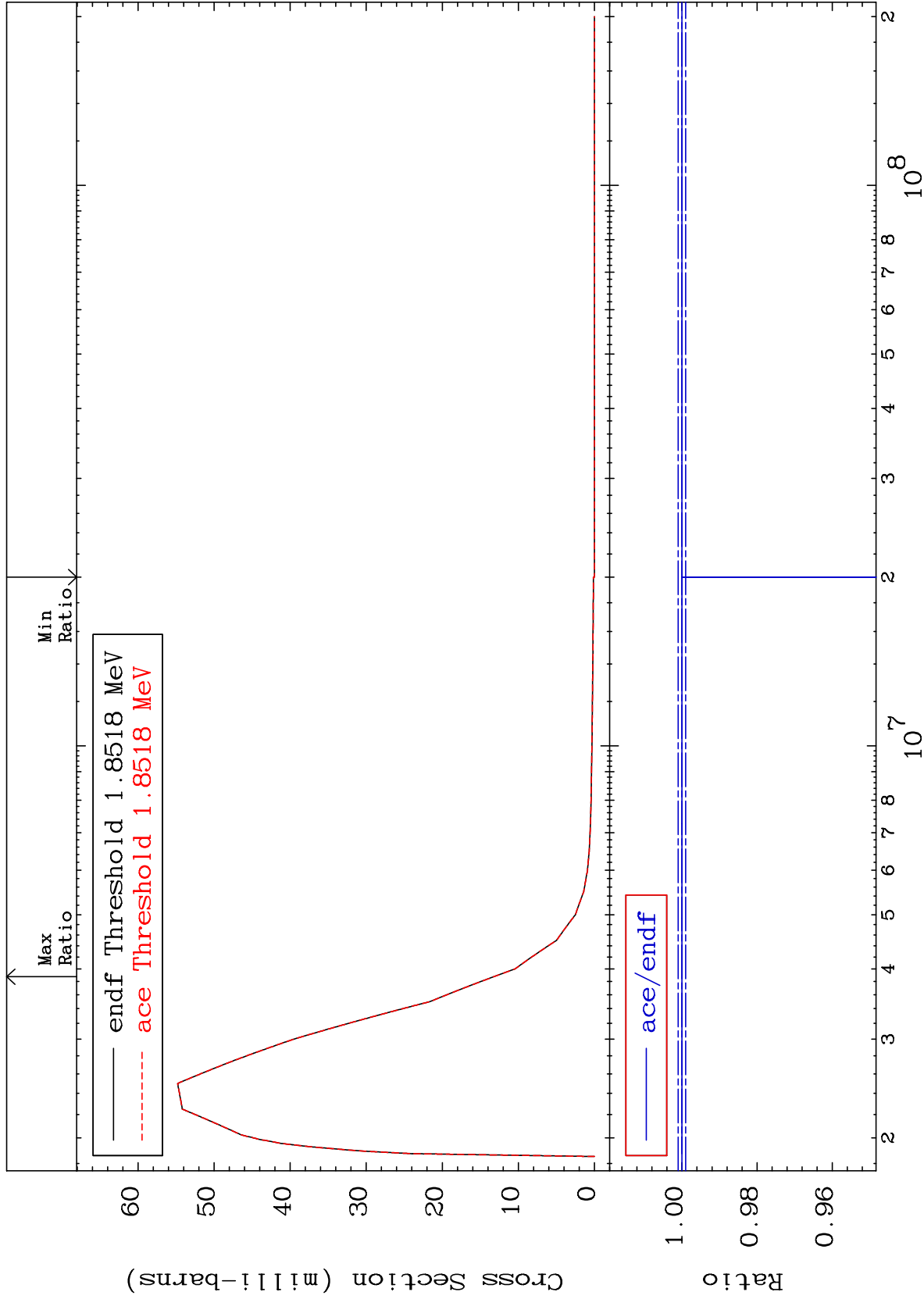
MAT 6425 1.808 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



MAT 6425

1.840 MeV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



35

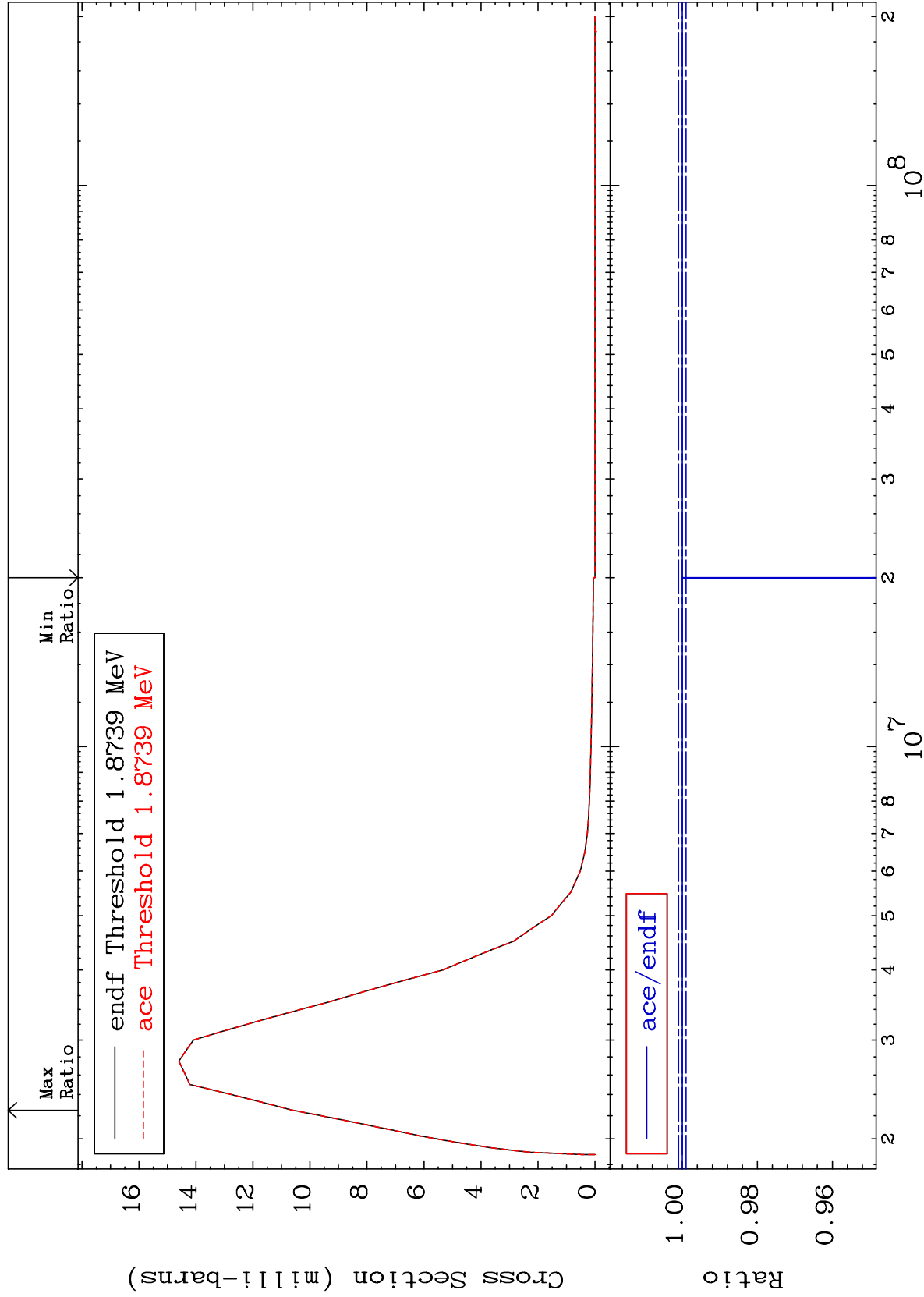
Incident Energy (eV)

64-Gd-152

MAT 6425

1.862 MeV (n,n') Level
Cross Section

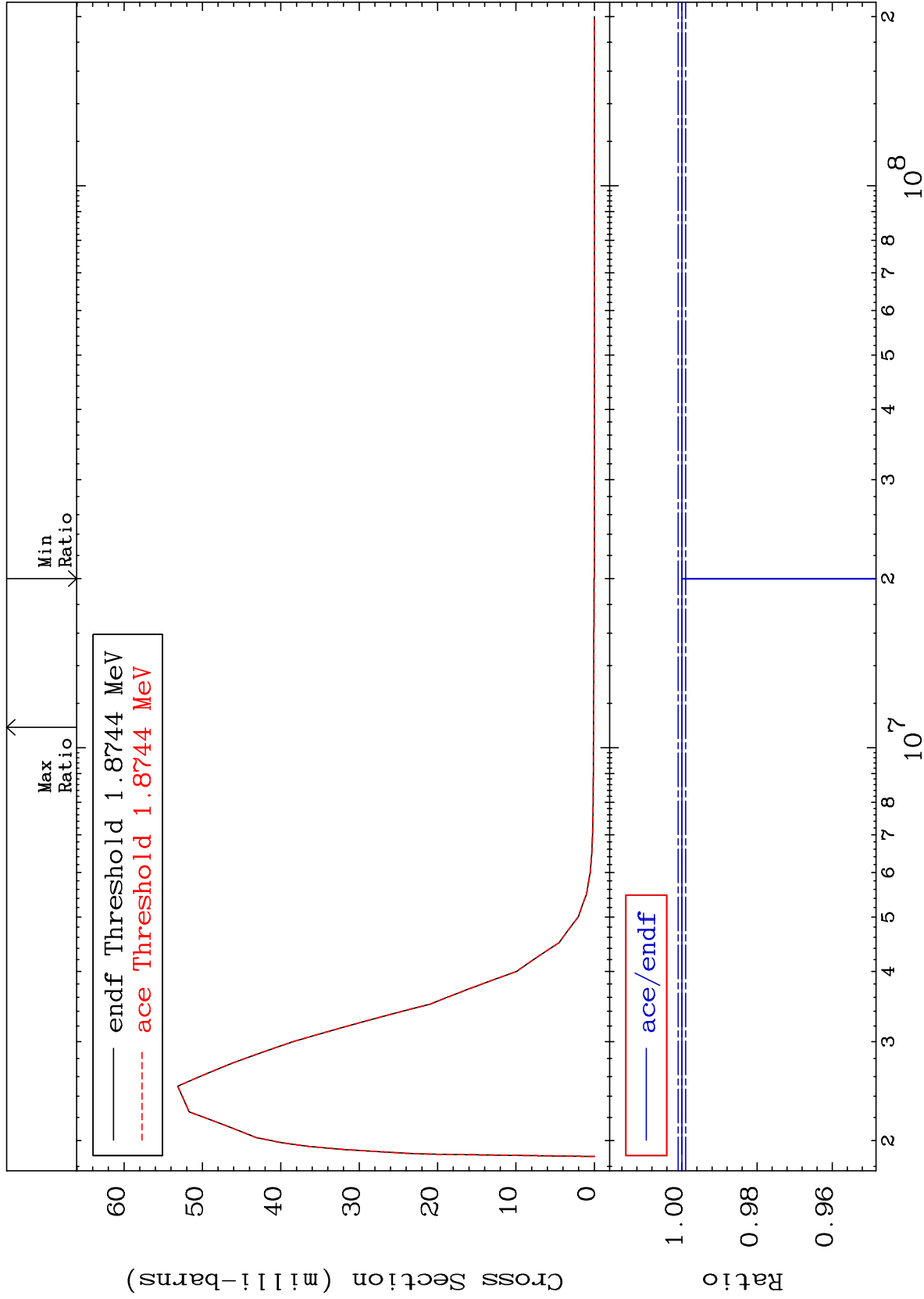
64-Gd-152
-100.0 To 0.000 %



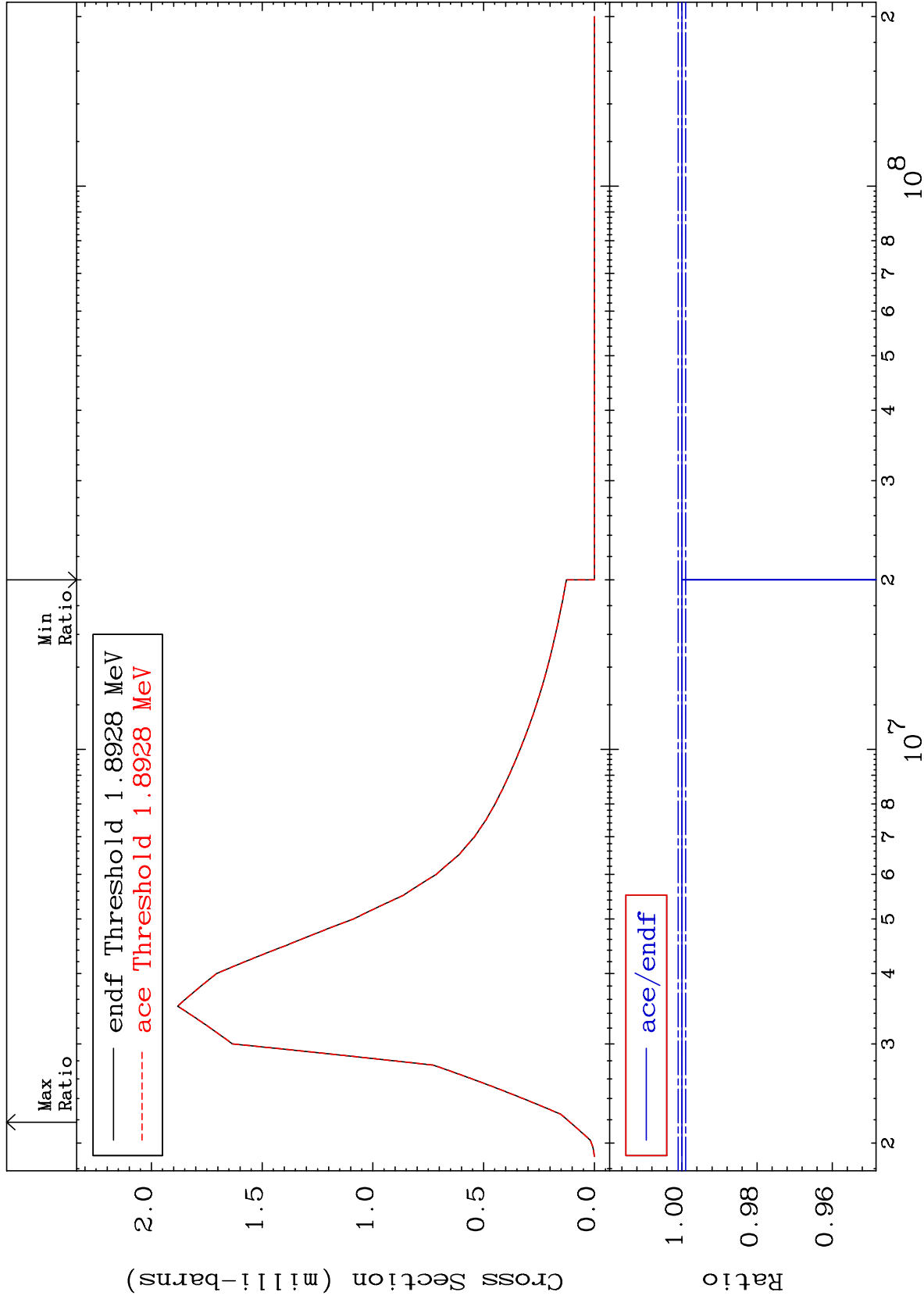
MAT 6425

1.862 MeV (n,n') Level
Cross Section

64-Gd-152
-100.0 To 0.000 %



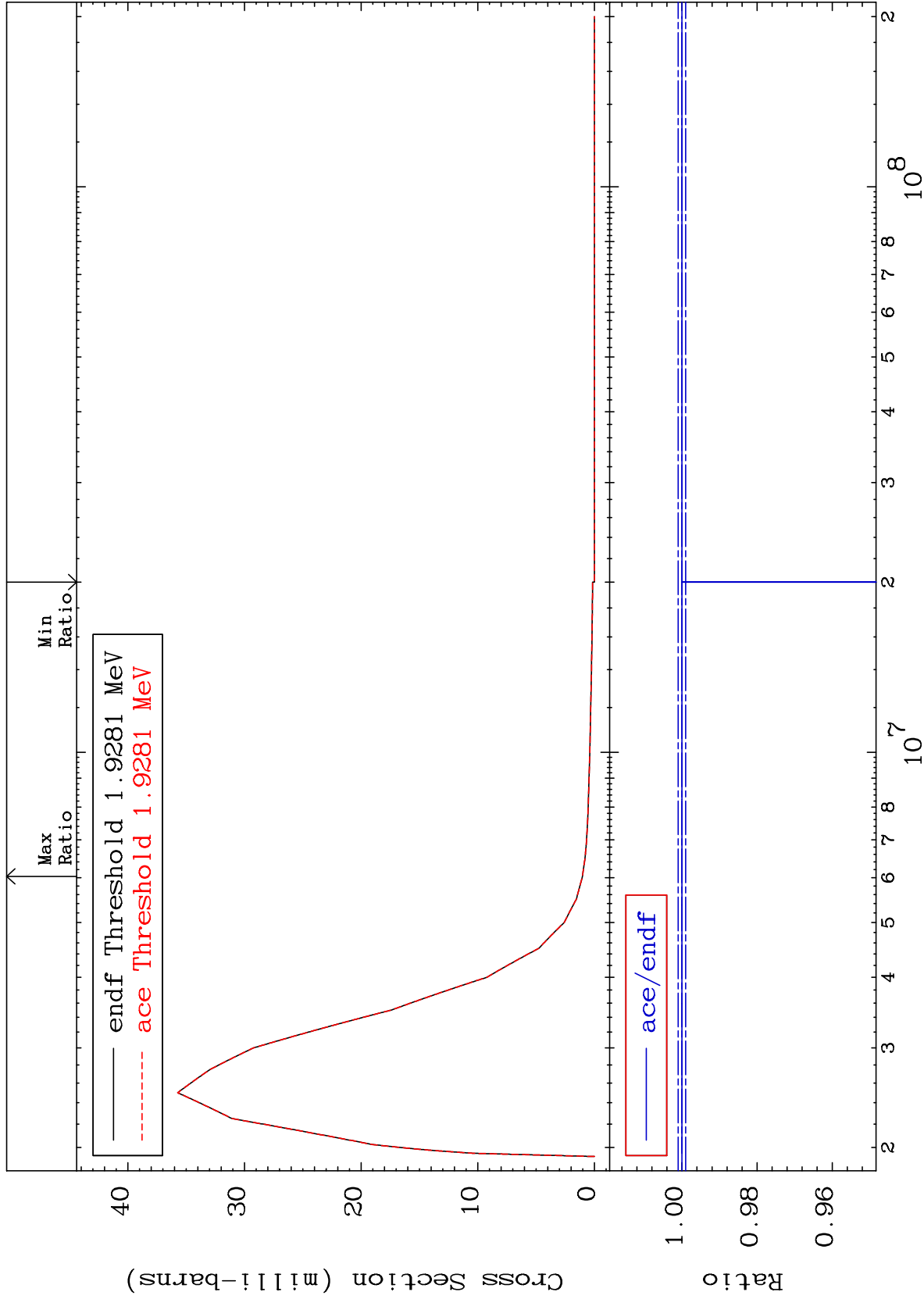
MAT 6425 1.880 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



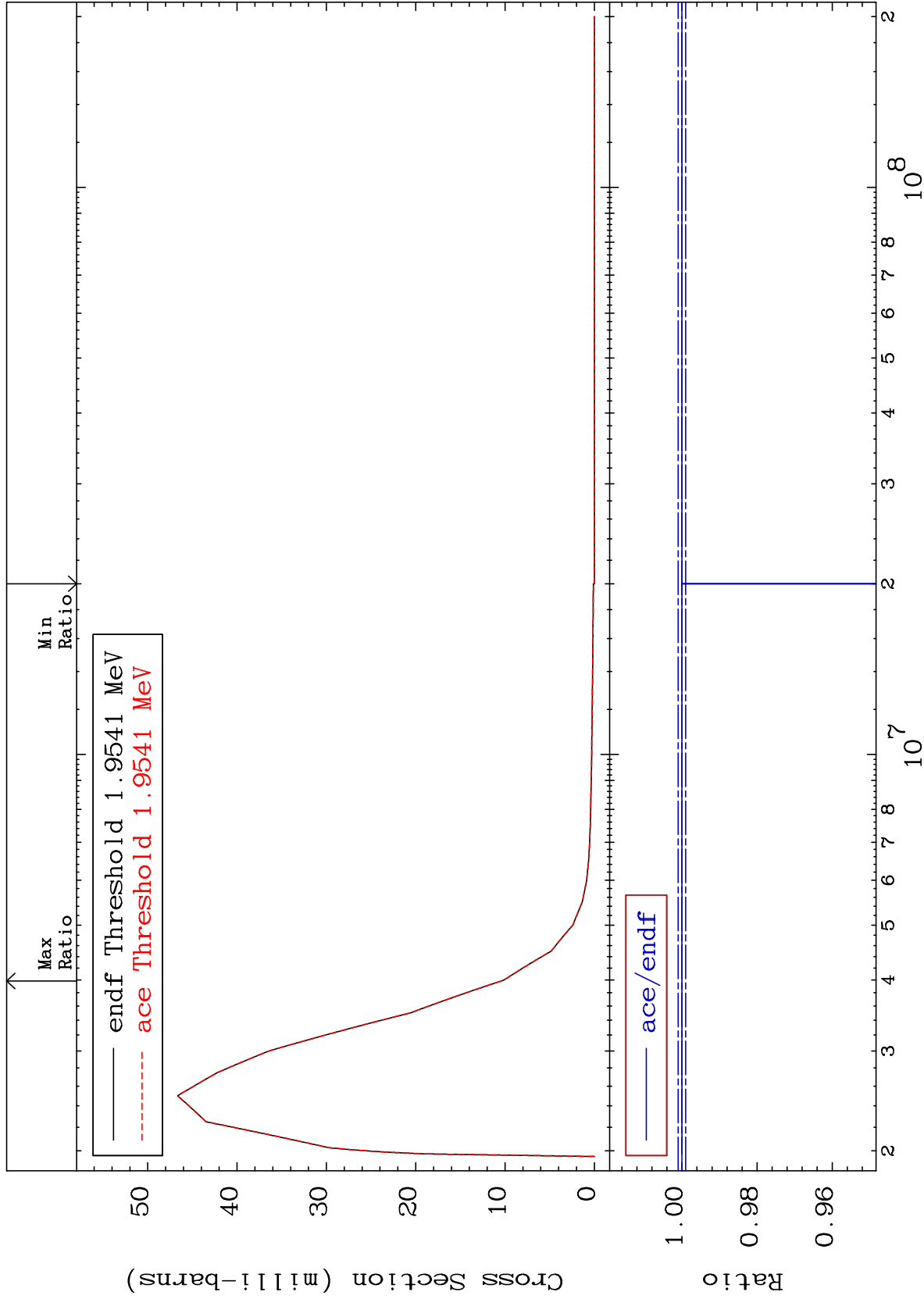
MAT 6425

1.915 MeV (n,n') Level
Cross Section

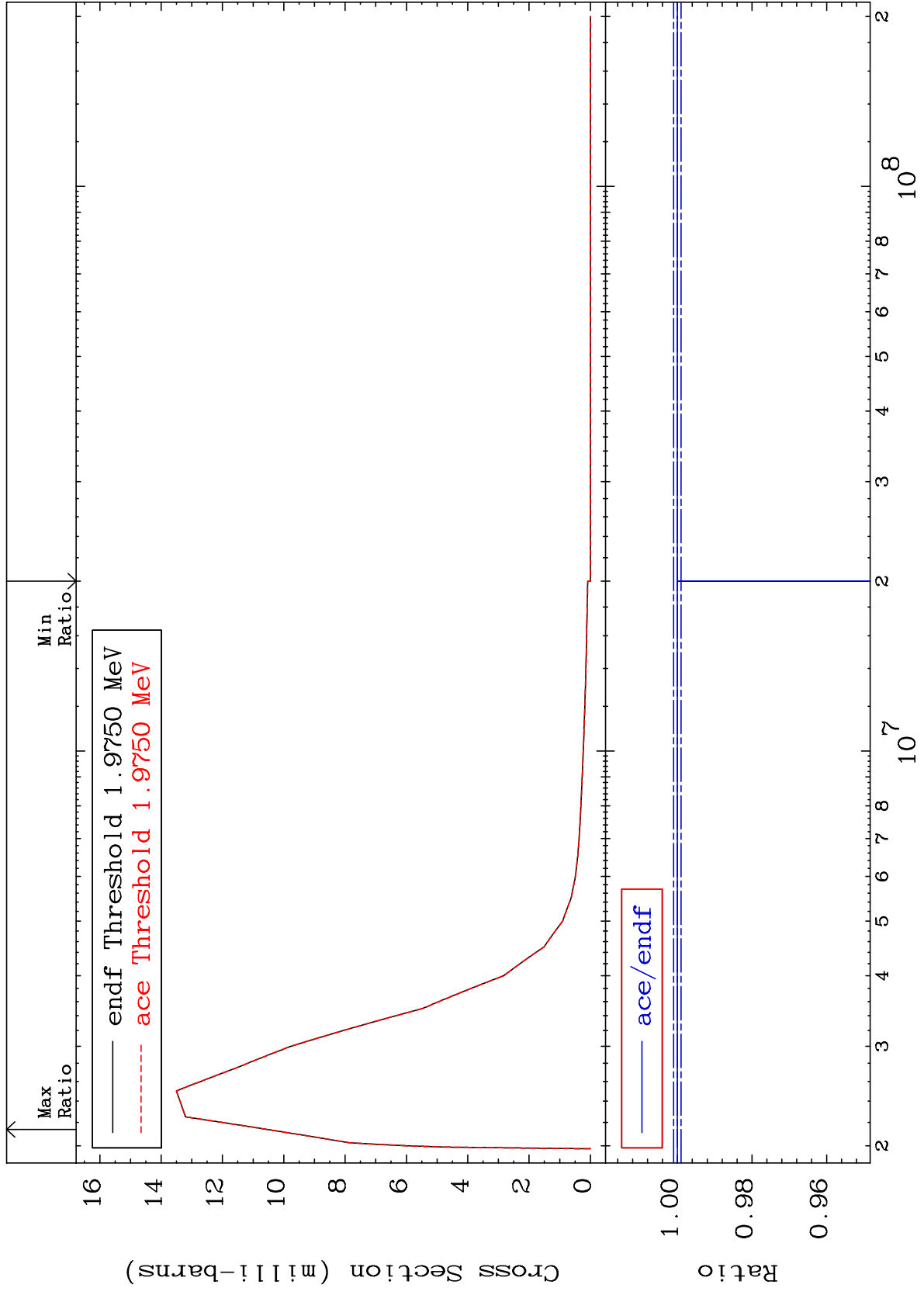
64-Gd-152
-100.0 To 0.000 %



MAT 6425 1.941 MeV (n,n') Level 64-Gd-152
Cross Section -100.0 To 0.000 %



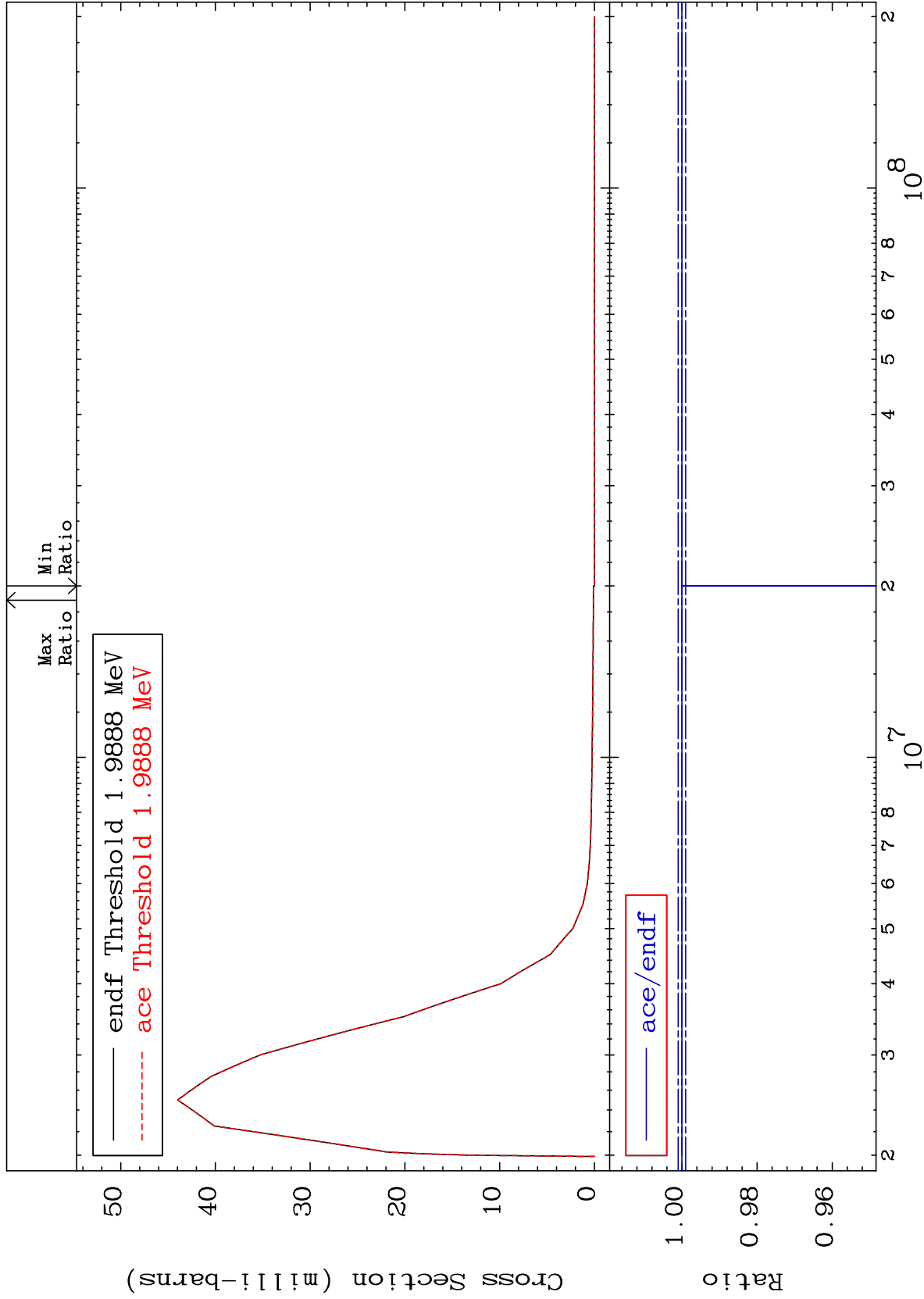
MAT 6425 1.962 MeV (n,n') Level 64-Gd-152
 Cross Section -100.0 To 0.000 %



MAT 6425

1.976 MeV (n,n') Level
Cross Section

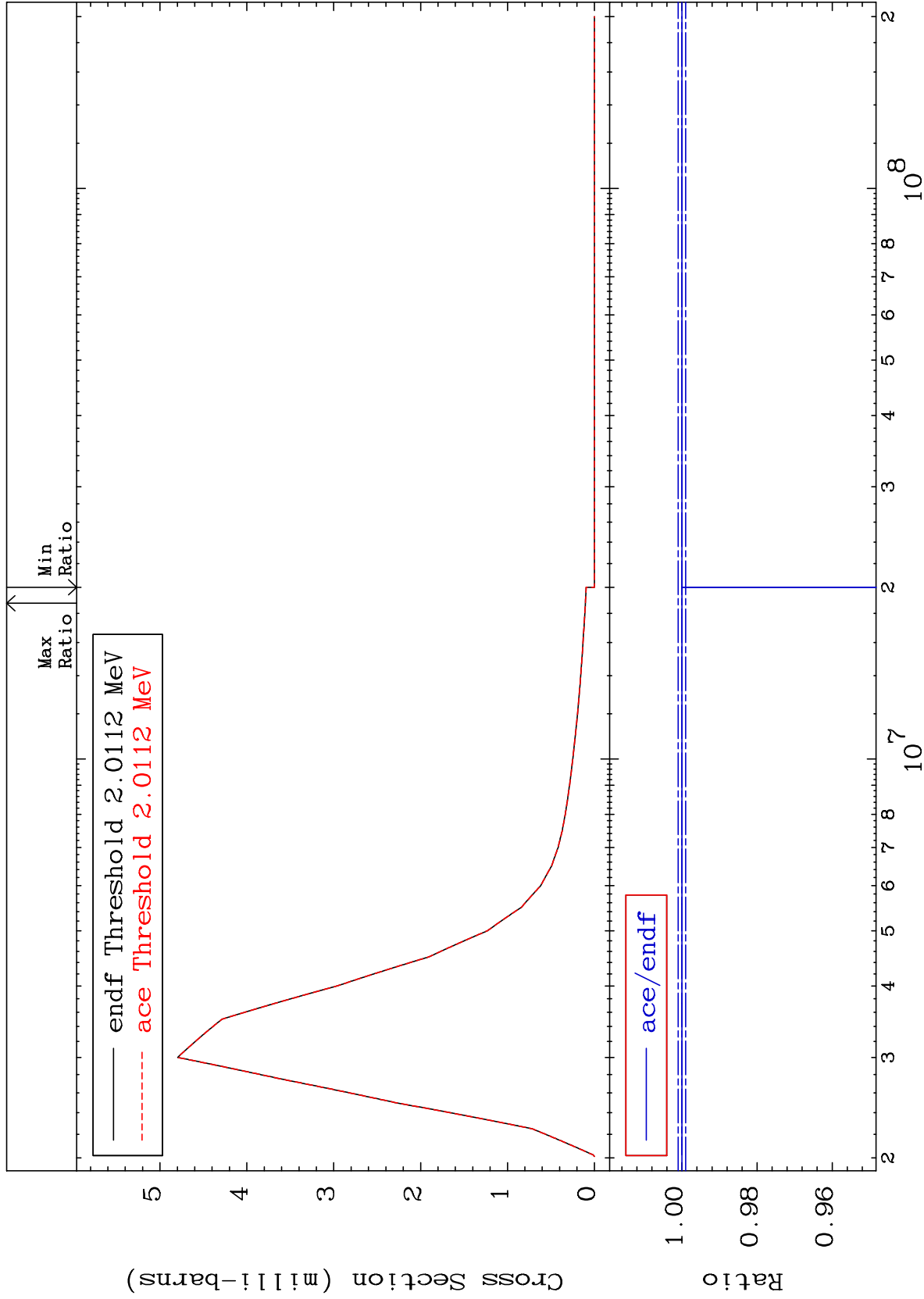
64-Gd-152
-100.0 To 0.000 %



MAT 6425

1.998 MeV (n,n') Level
Cross Section

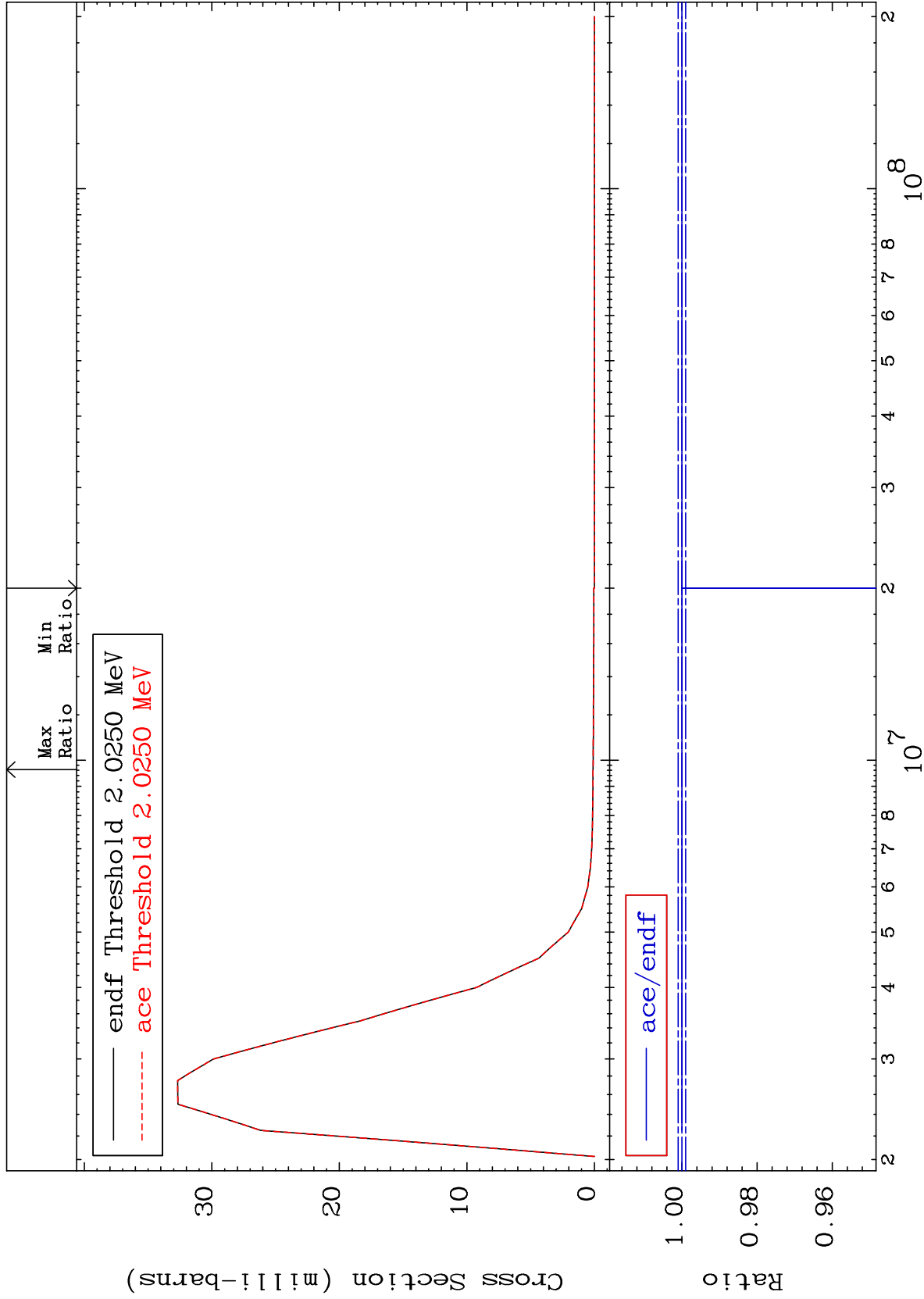
64-Gd-152
-100.0 To 0.000 %



MAT 6425

2.012 MeV (n,n') Level
Cross Section

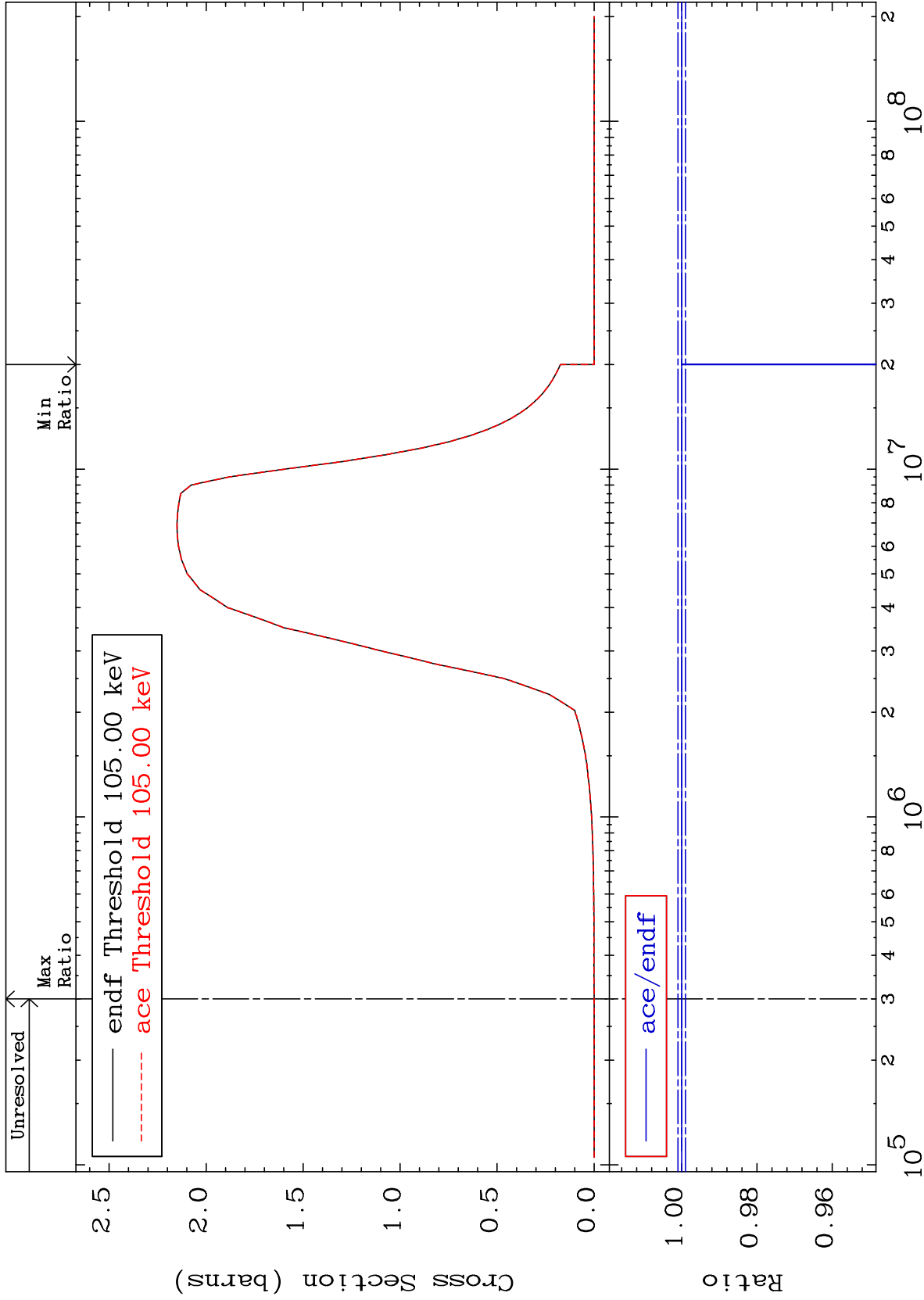
64-Gd-152
-100.0 To 0.000 %



MAT 6425

(n,n') Continuum
Cross Section

64-Gd-152
-100.0 To 0.000 %



45

64-Gd-152

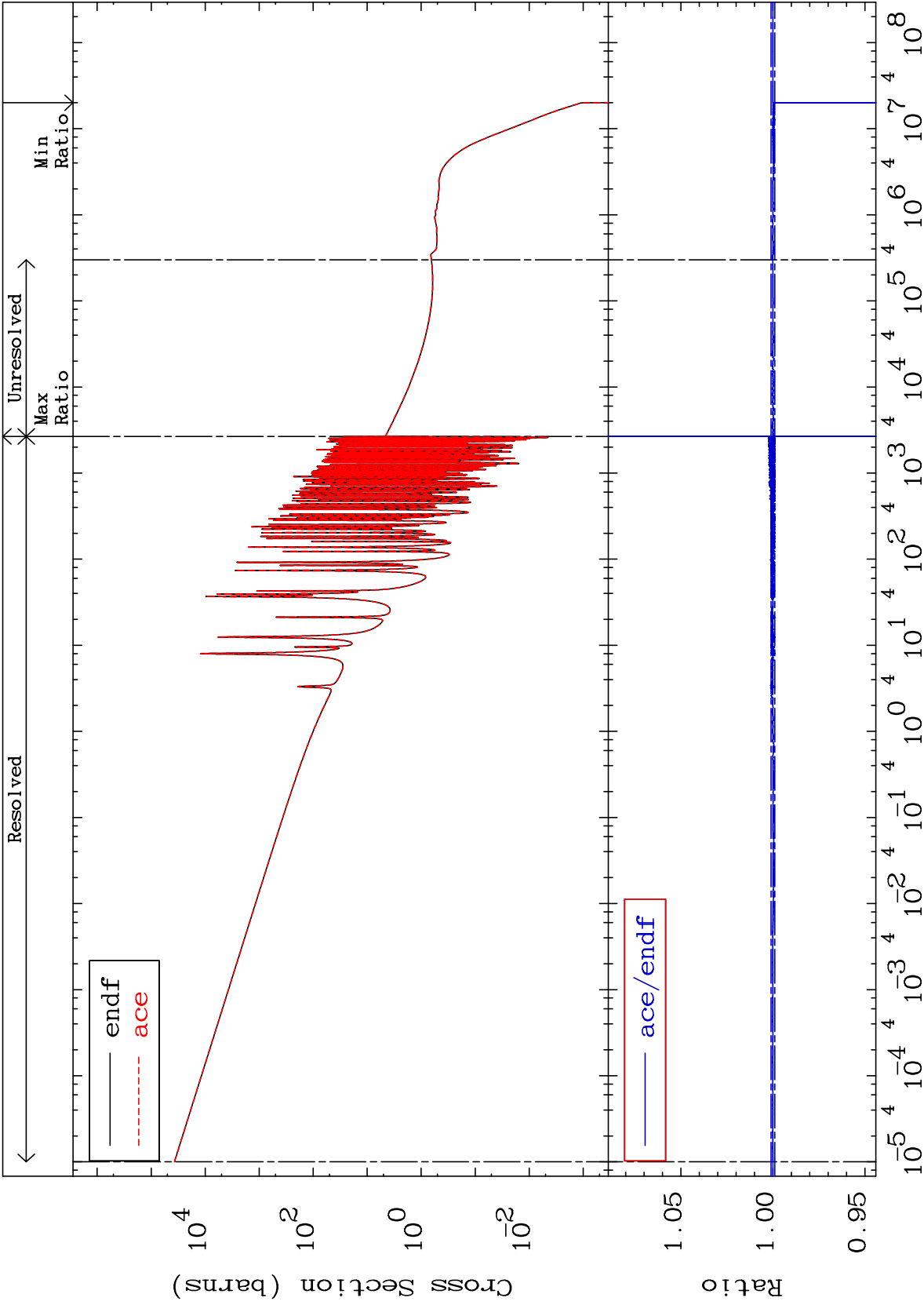
MAT 6425

(n, γ)

64-Gd-152

Cross Section

-39.61 To 225.6 %



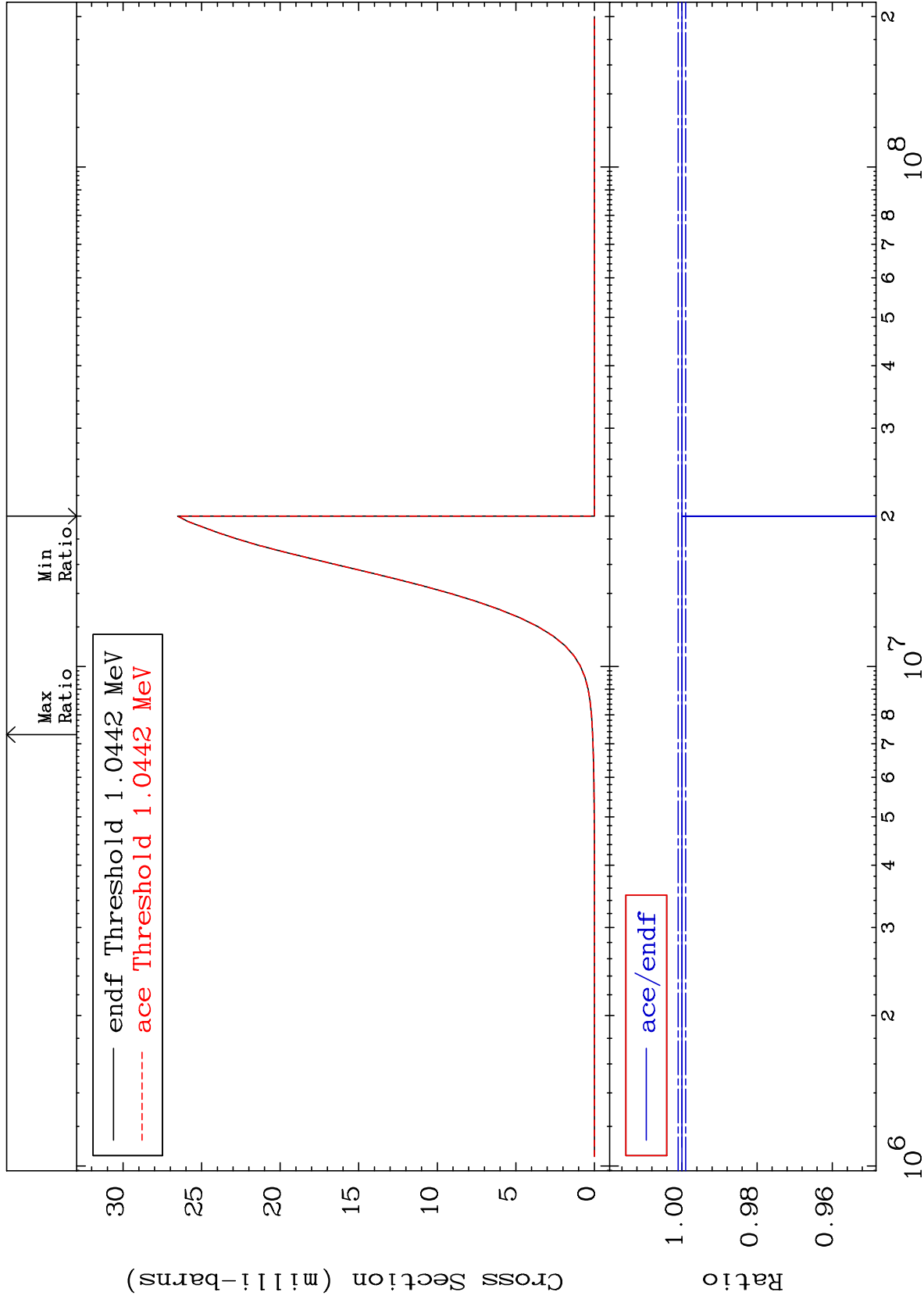
MAT 6425

(n,p)

64-Gd-152

Cross Section

-100.0 To 0.000 %



47

Incident Energy (eV)

64-Gd-152

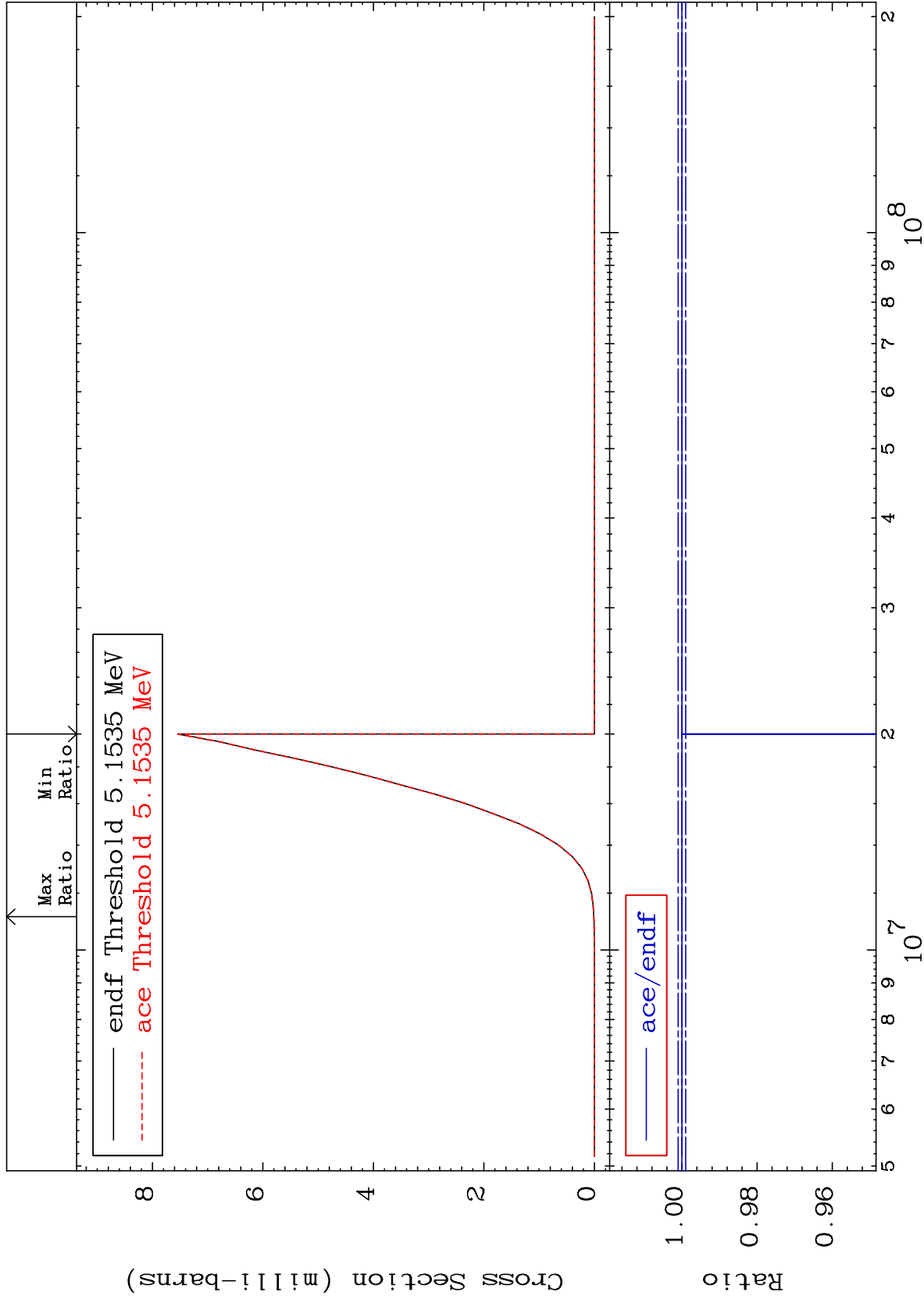
MAT 6425

(n, d)

64-Gd-152

Cross Section

-100.0 To 0.000 %



48

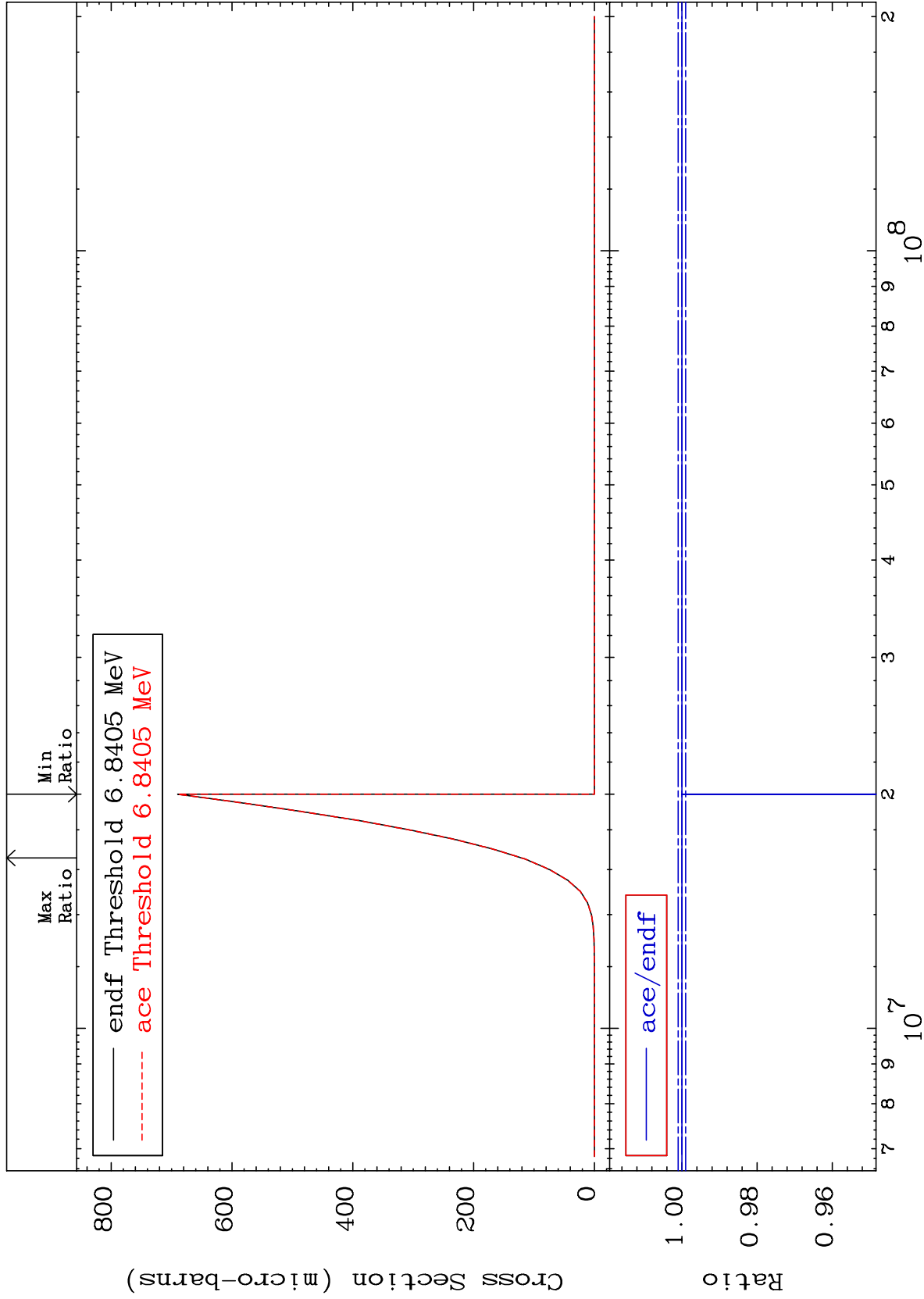
MAT 6425

(n, t)

64-Gd-152

Cross Section

-100.0 To 0.000 %



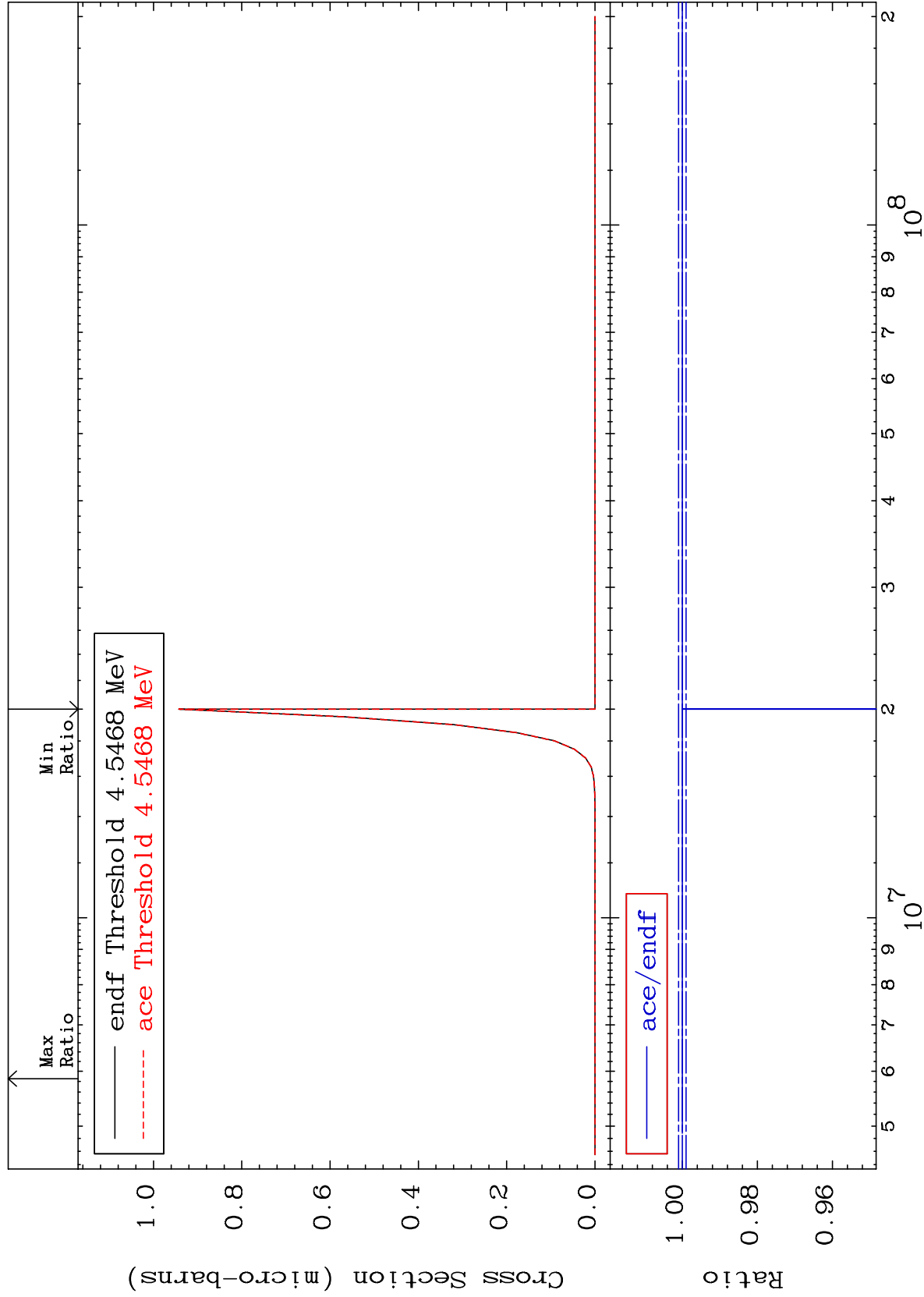
MAT 6425

(n, He-3)

64-Gd-152

Cross Section

-100.0 To 0.000 %



50

64-Gd-152

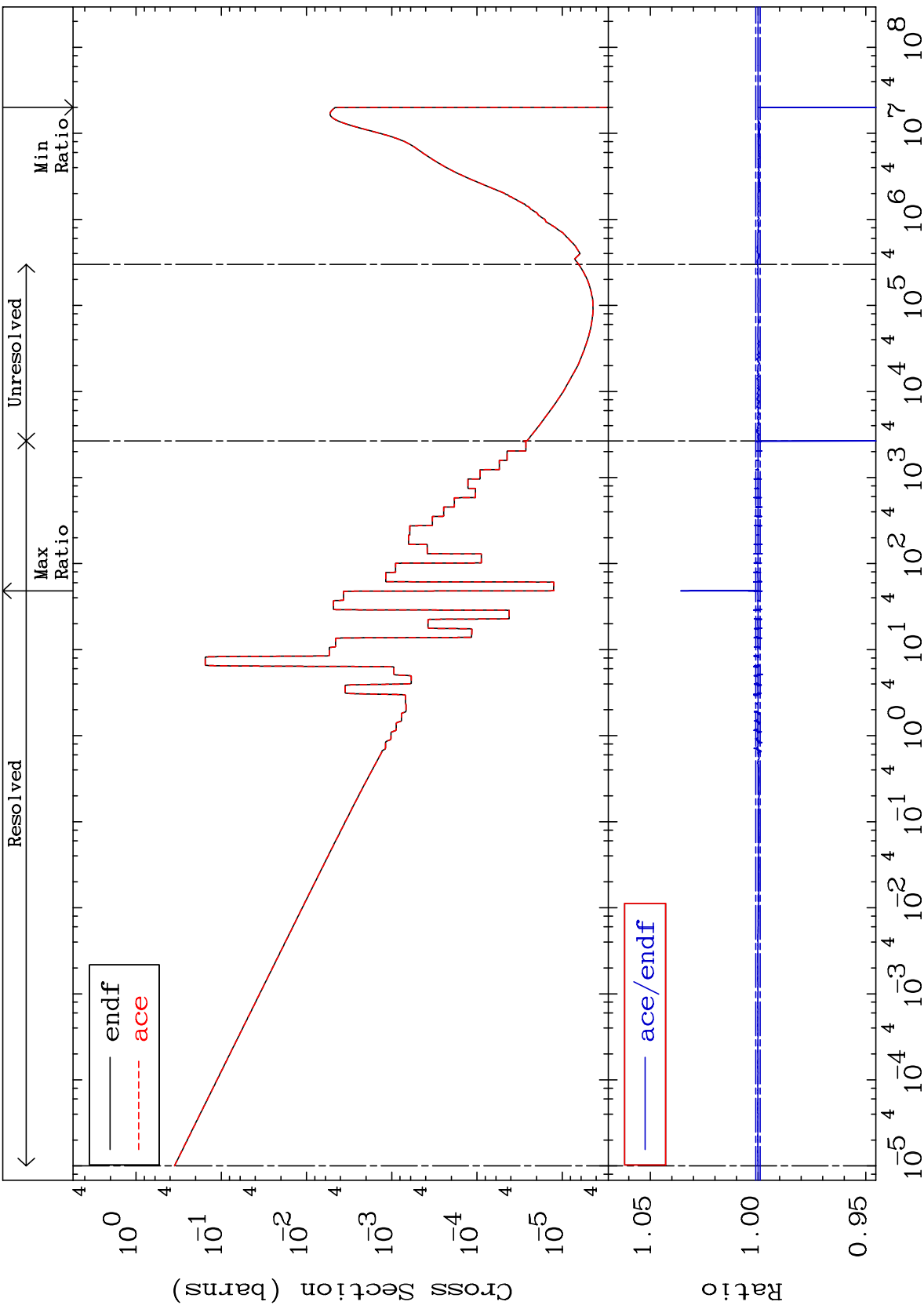
MAT 6425

(n, α)

64-Gd-152

Cross Section

-100.0 To 3.577 %



51

Incident Energy (eV)

64-Gd-152

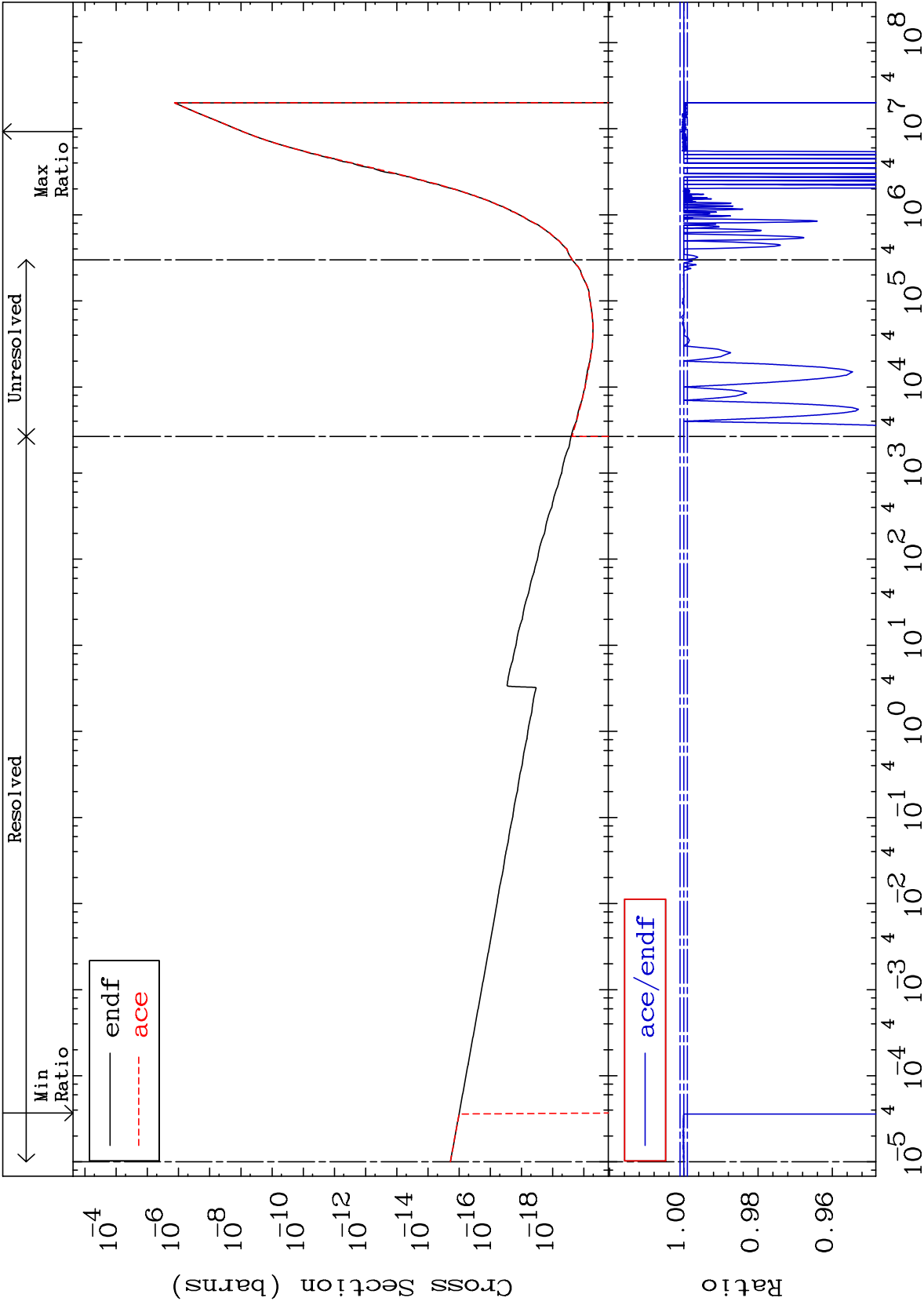
MAT 6425

(n, 2α)

64-Gd-152

Cross Section

-100.0 To 0.076 %



52

64-Gd-152