

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

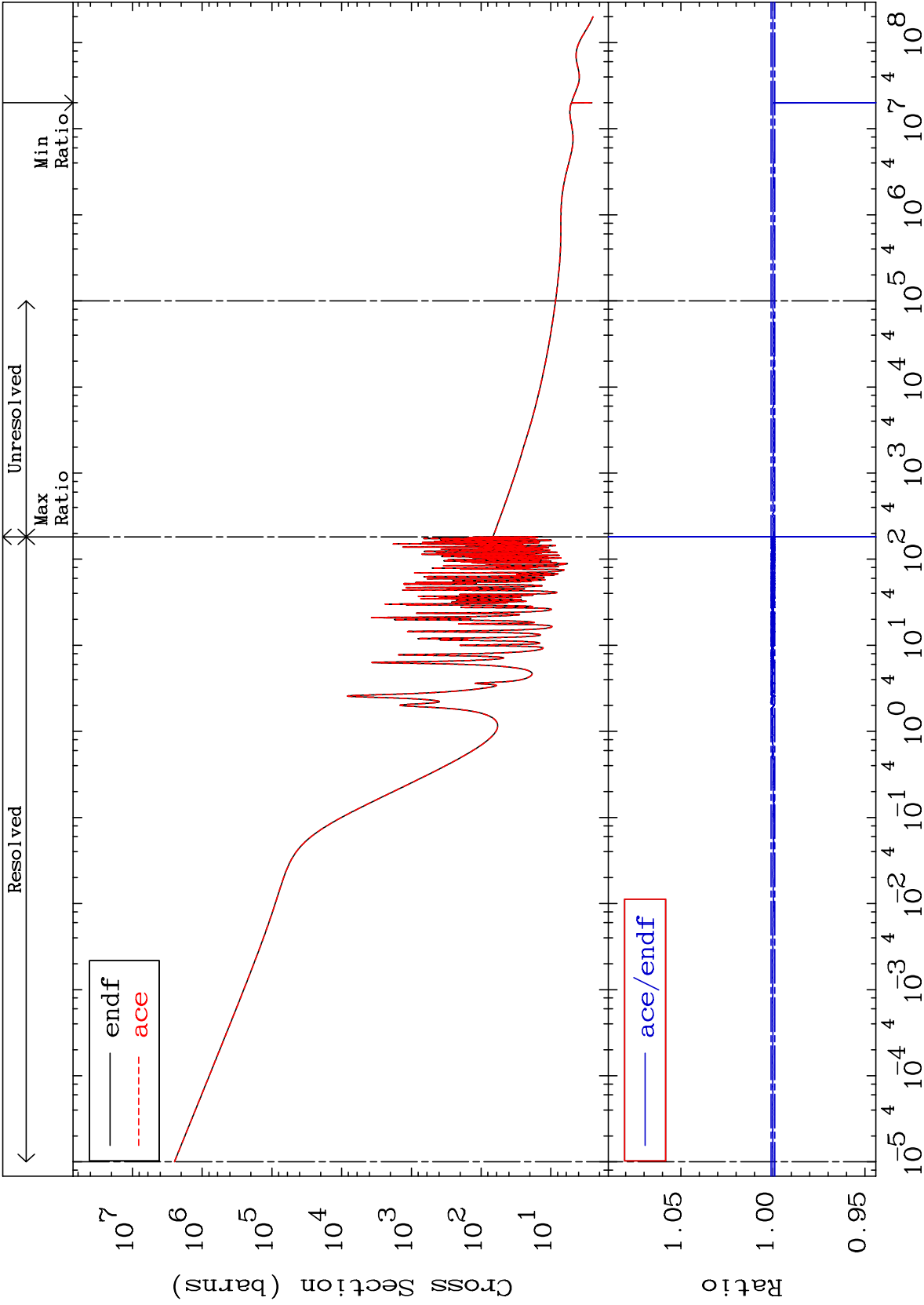
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6434

Total
Cross Section

64-Gd-155
-49.57 To 341.6 %

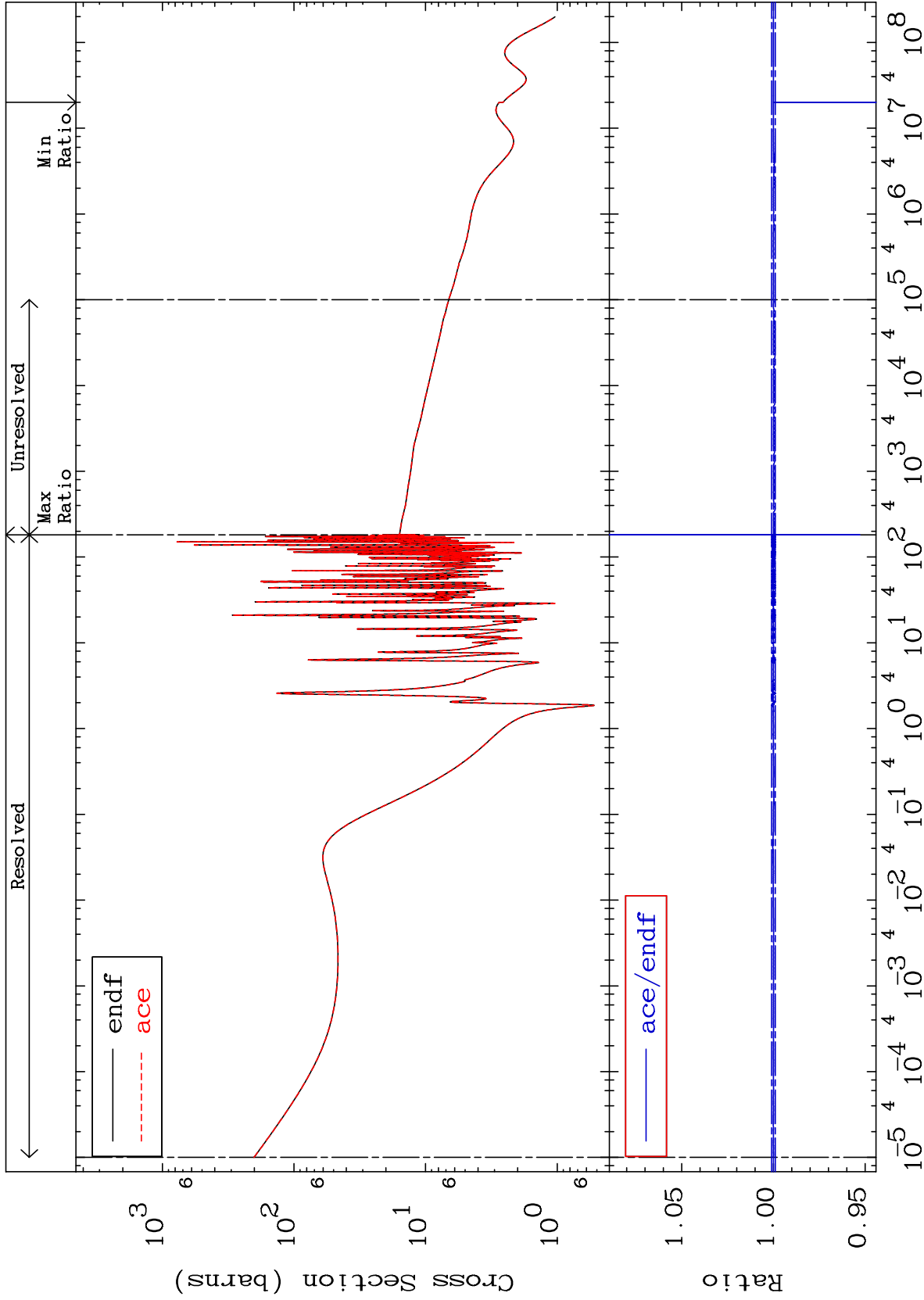


64-Gd-155

MAT 6434

Elastic
Cross Section

64-Gd-155
-6.837 To 35.20 %



2

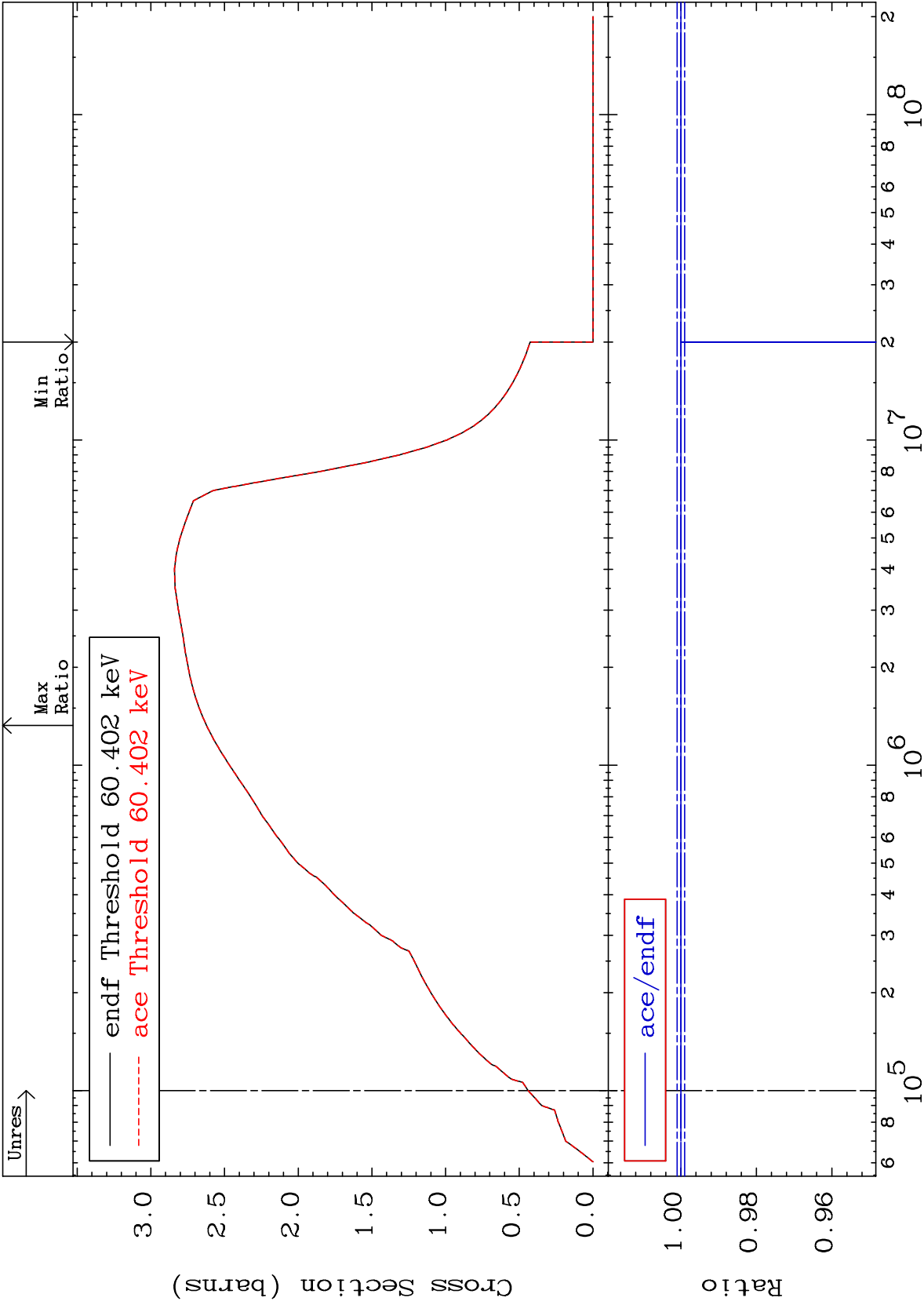
Incident Energy (eV)

64-Gd-155

MAT 6434

Inelastic
Cross Section

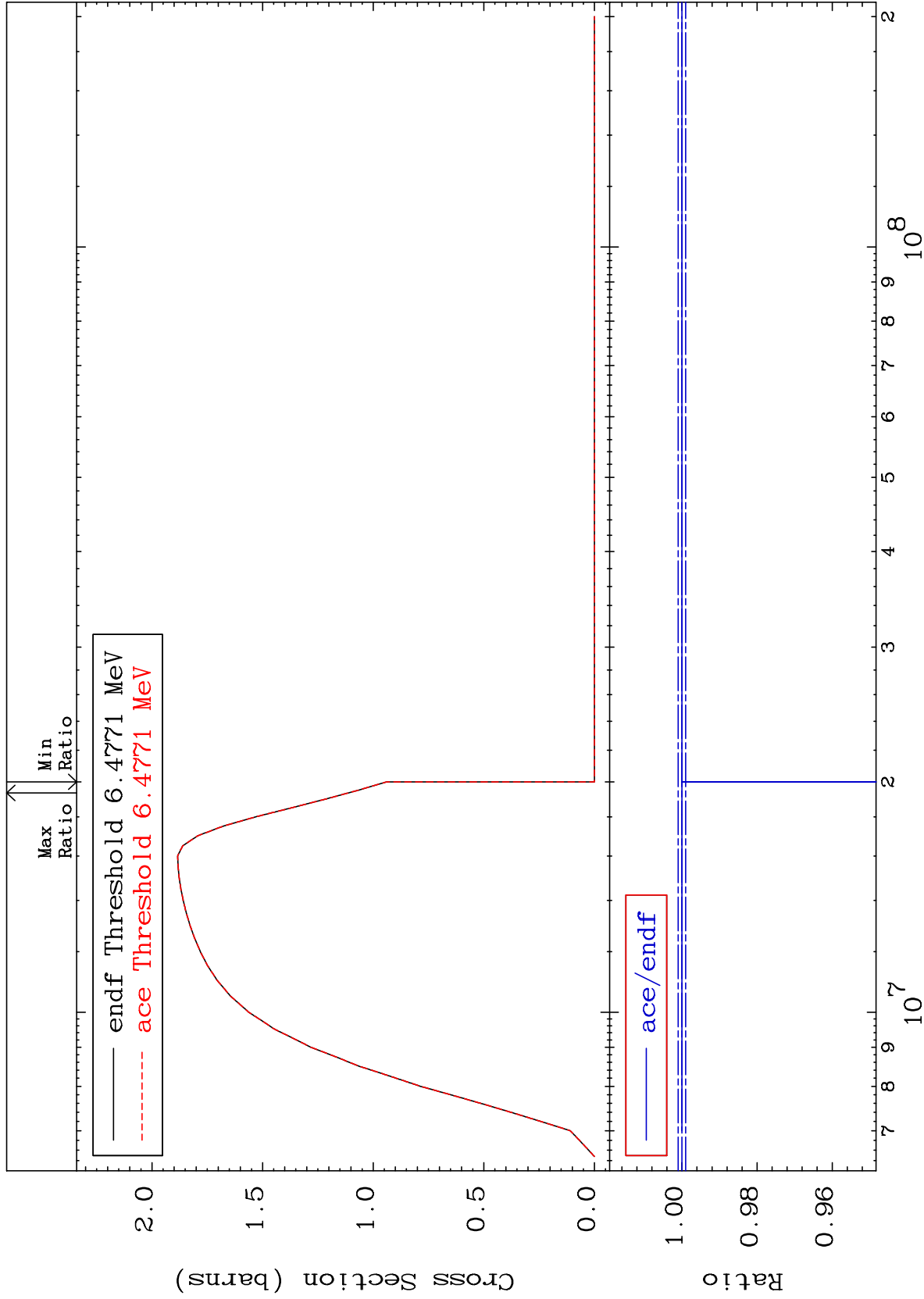
64-Gd-155
-100.0 To 0.000 %



MAT 6434

(n, 2n)
Cross Section

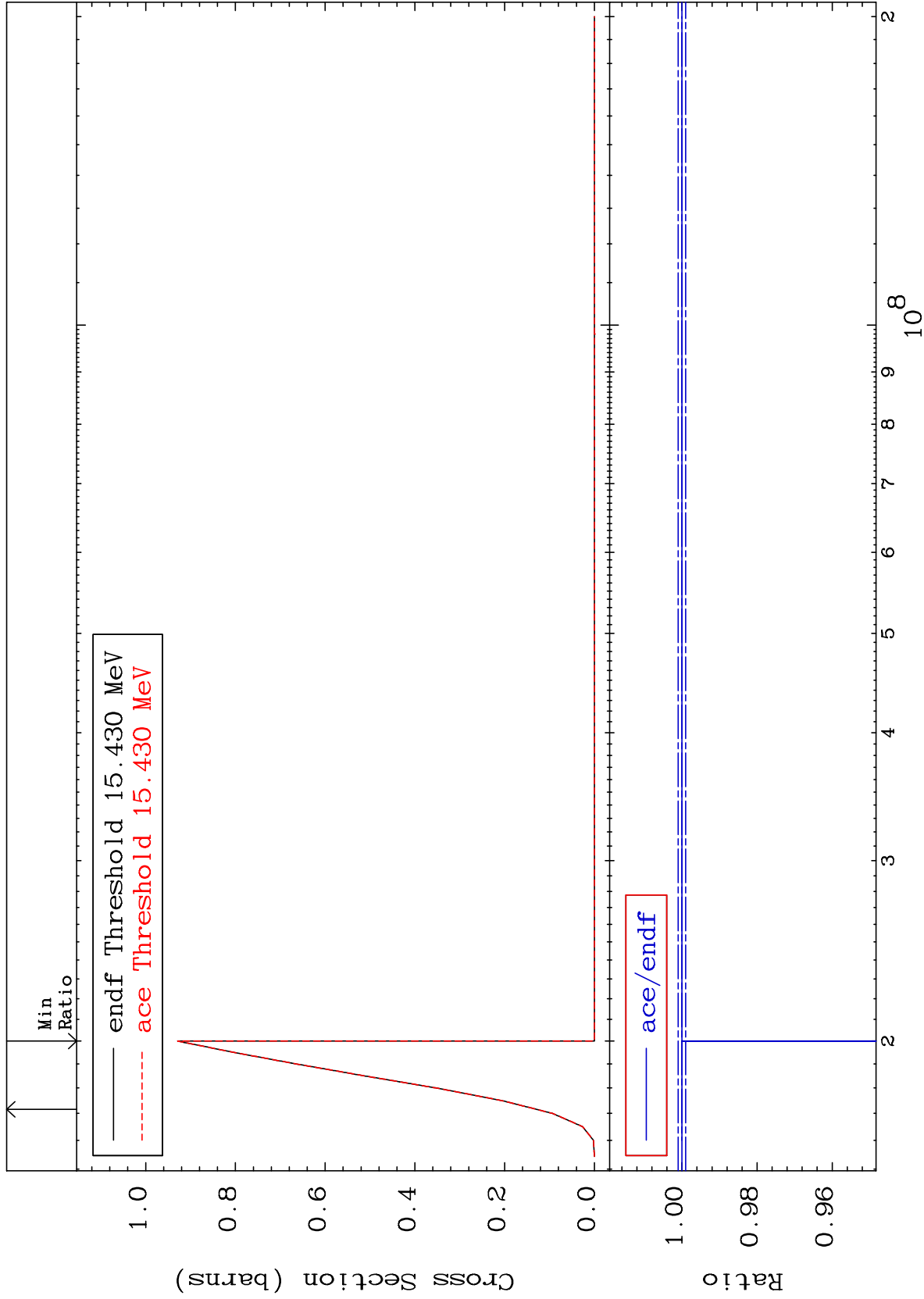
64-Gd-155
-100.0 To 0.000 %



MAT 6434

(n, 3n)
Cross Section

64-Gd-155
-100.0 To 0.000 %



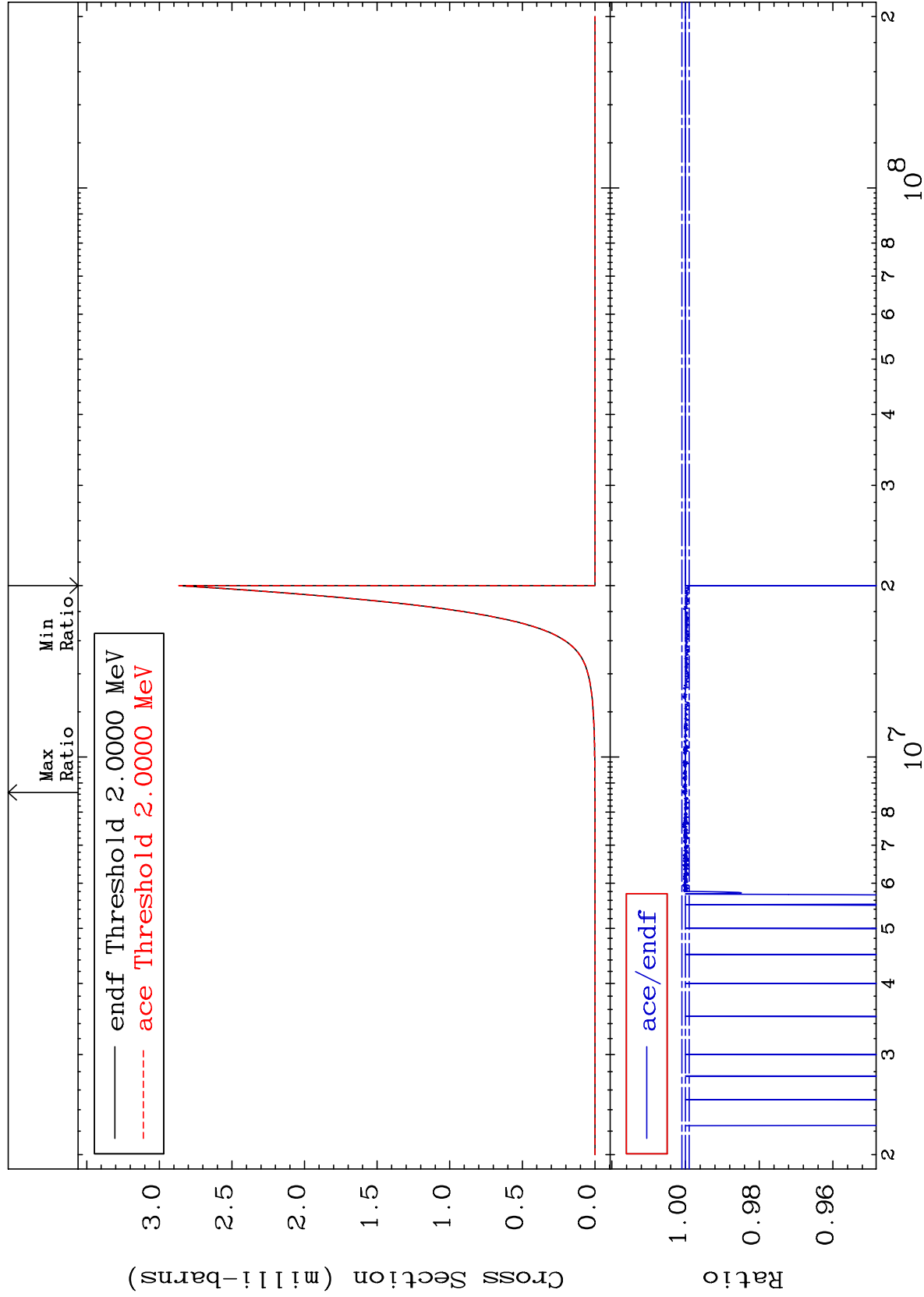
MAT 6434

(n, n') α

64-Gd-155

Cross Section

-100.0 To 0.085 %



6

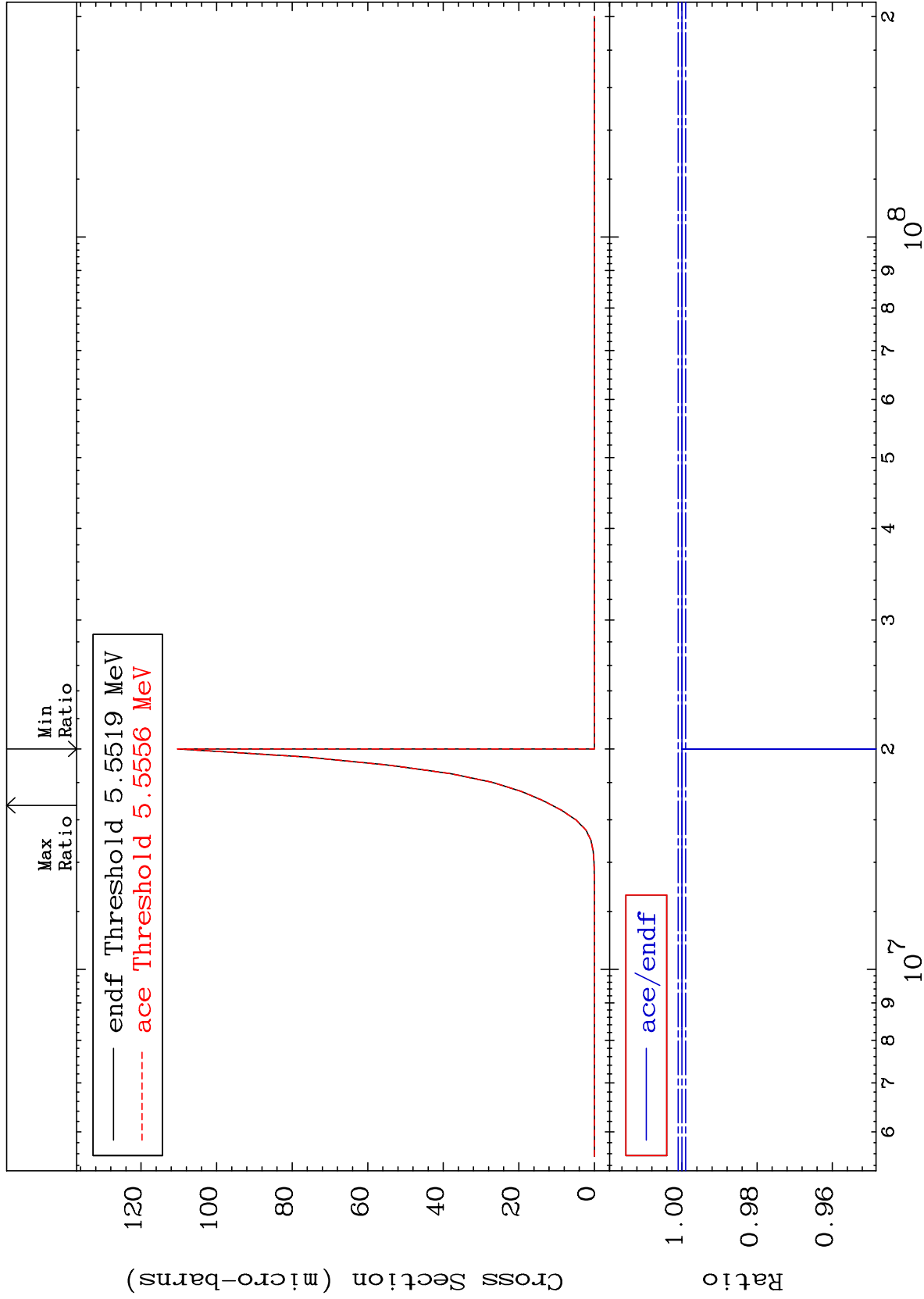
Incident Energy (eV)

64-Gd-155

MAT 6434

(n,2n) α
Cross Section

64-Gd-155
-100.0 To 0.000 %



7

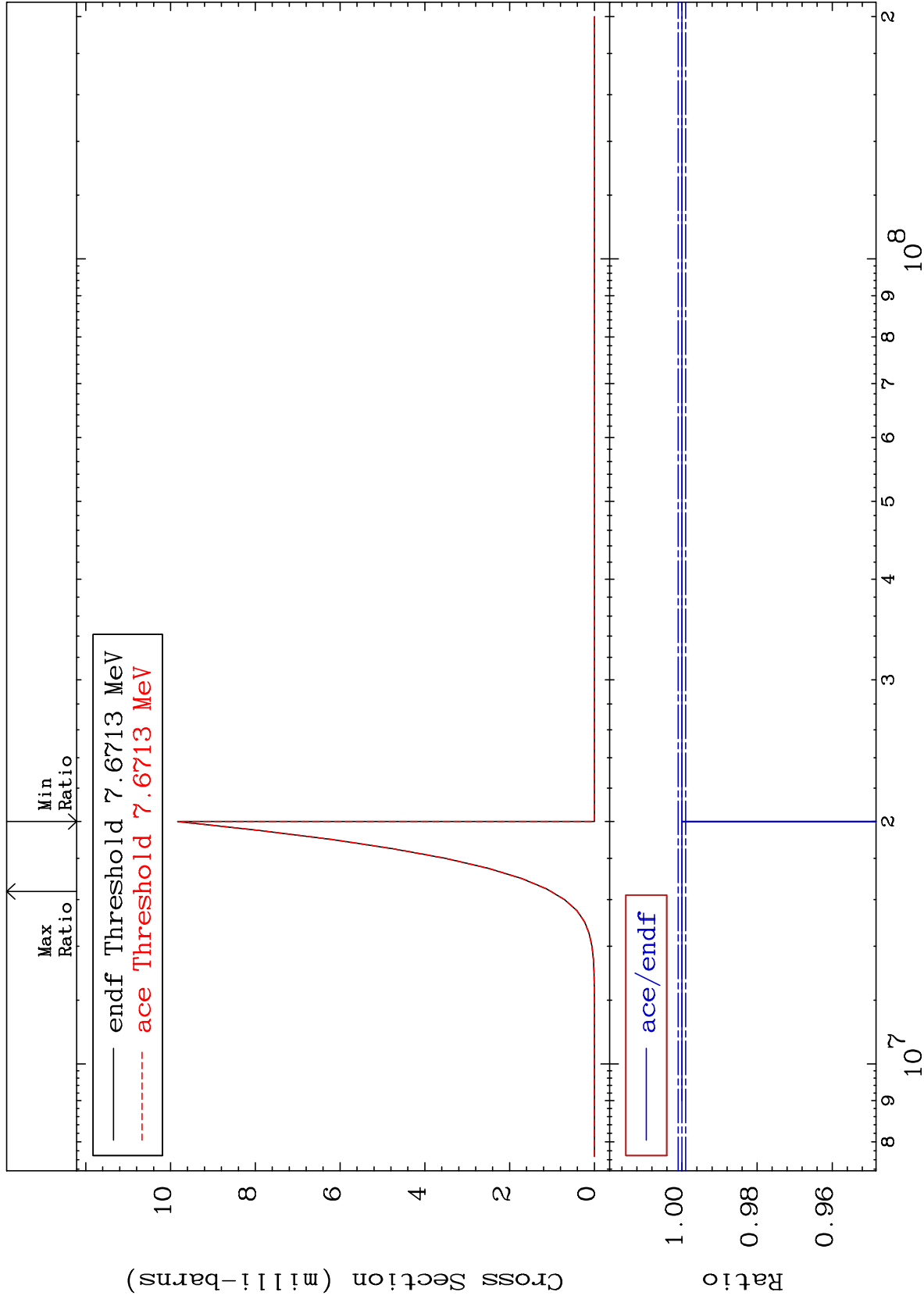
Incident Energy (eV)

64-Gd-155

MAT 6434

(n, n') p
Cross Section

64-Gd-155
-100.0 To 0.000 %



8

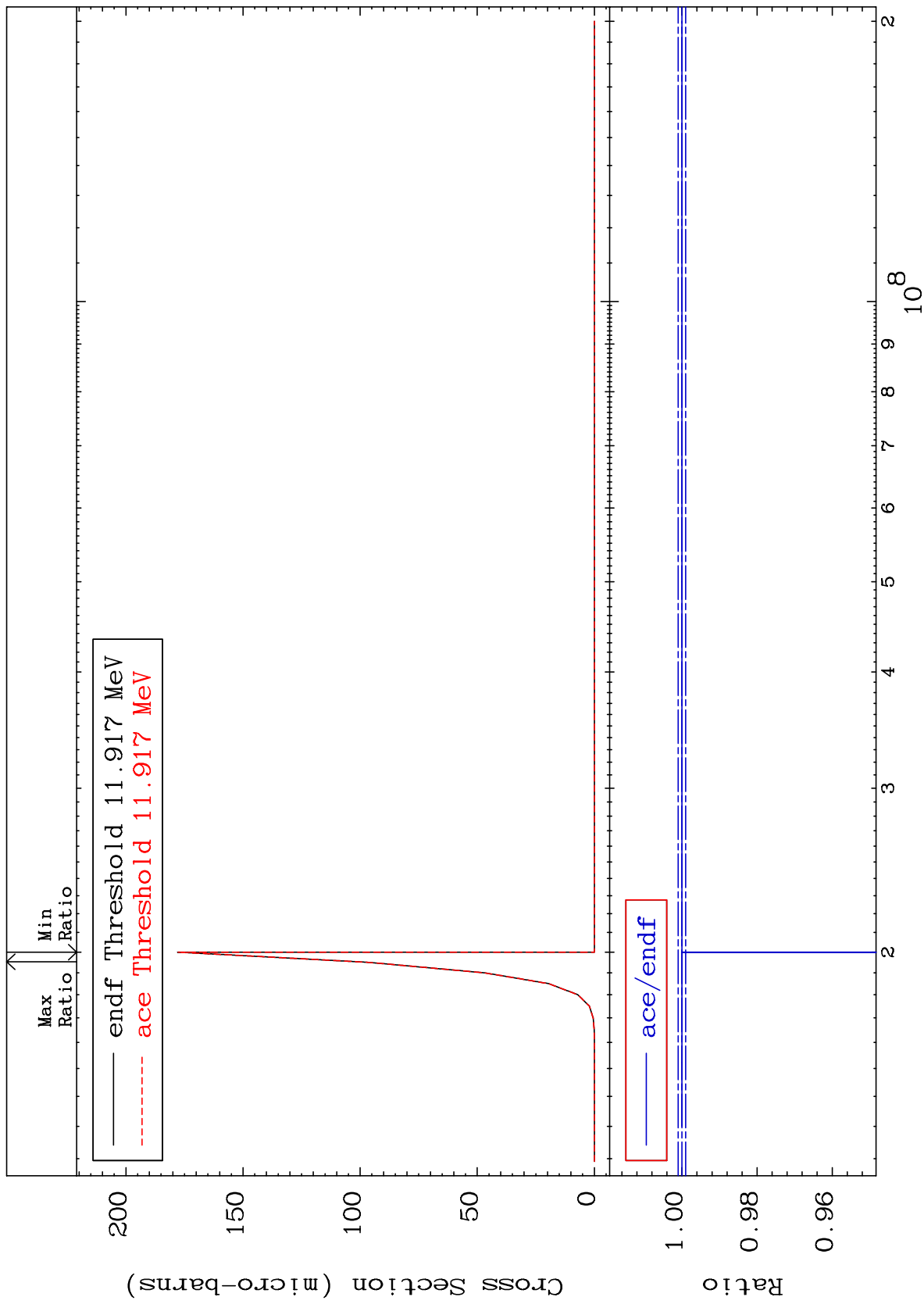
Incident Energy (eV)

64-Gd-155

MAT 6434

(n, n') d
Cross Section

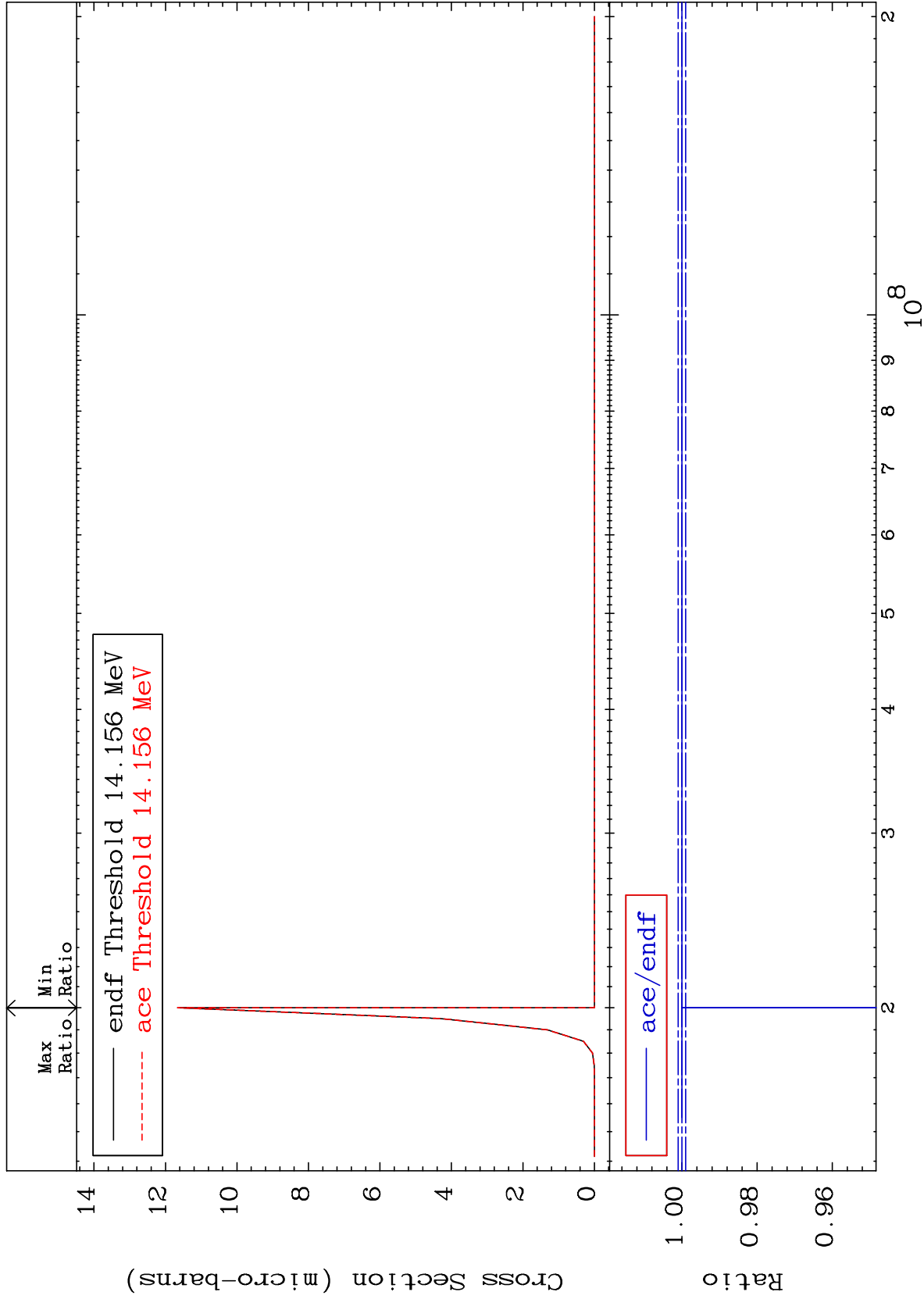
64-Gd-155
-100.0 To 0.000 %



MAT 6434

(n,2n) p
Cross Section

64-Gd-155
-100.0 To 0.000 %



10

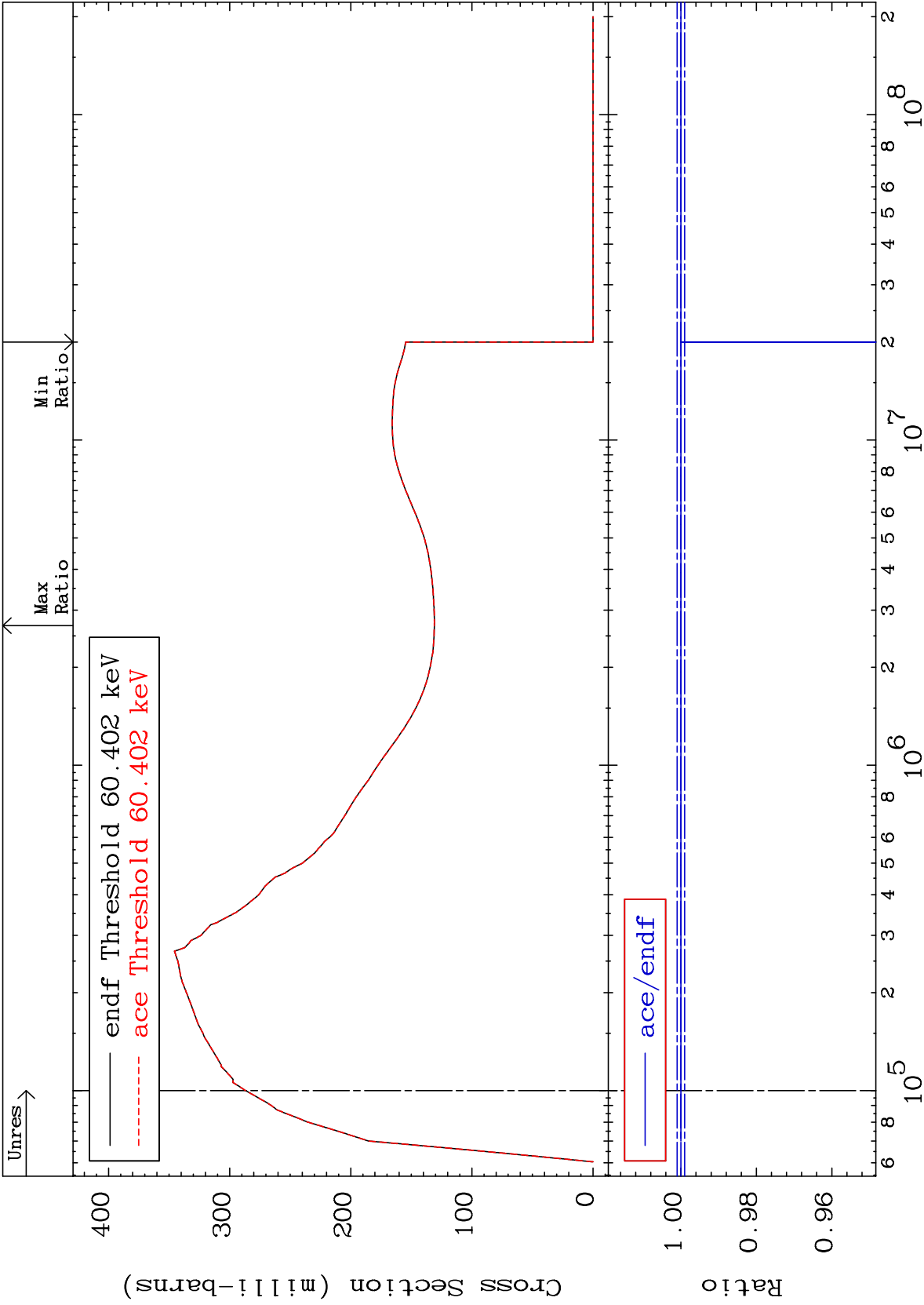
Incident Energy (eV)

64-Gd-155

MAT 6434

60.01 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



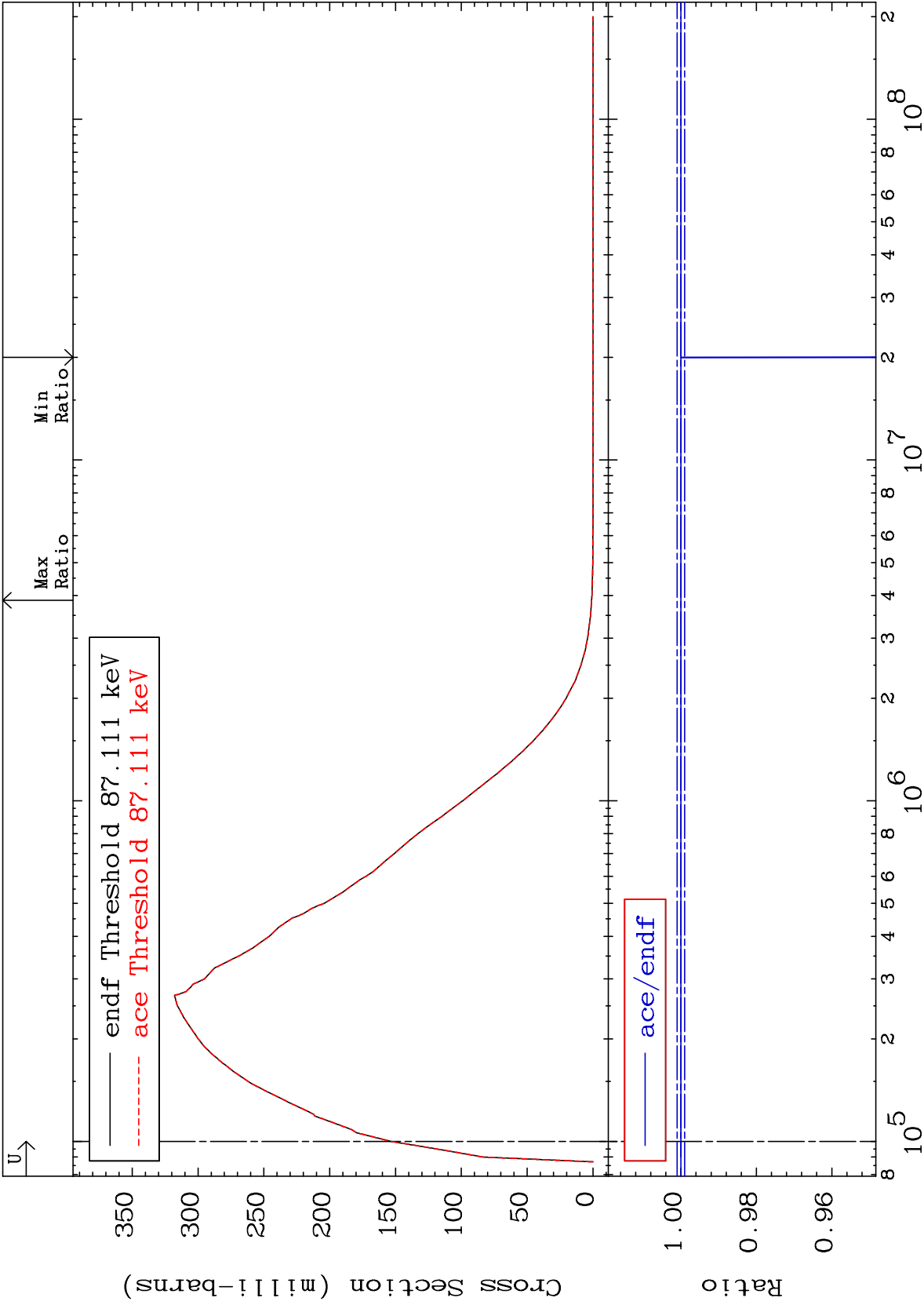
11

64-Gd-155

MAT 6434

86.55 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



12

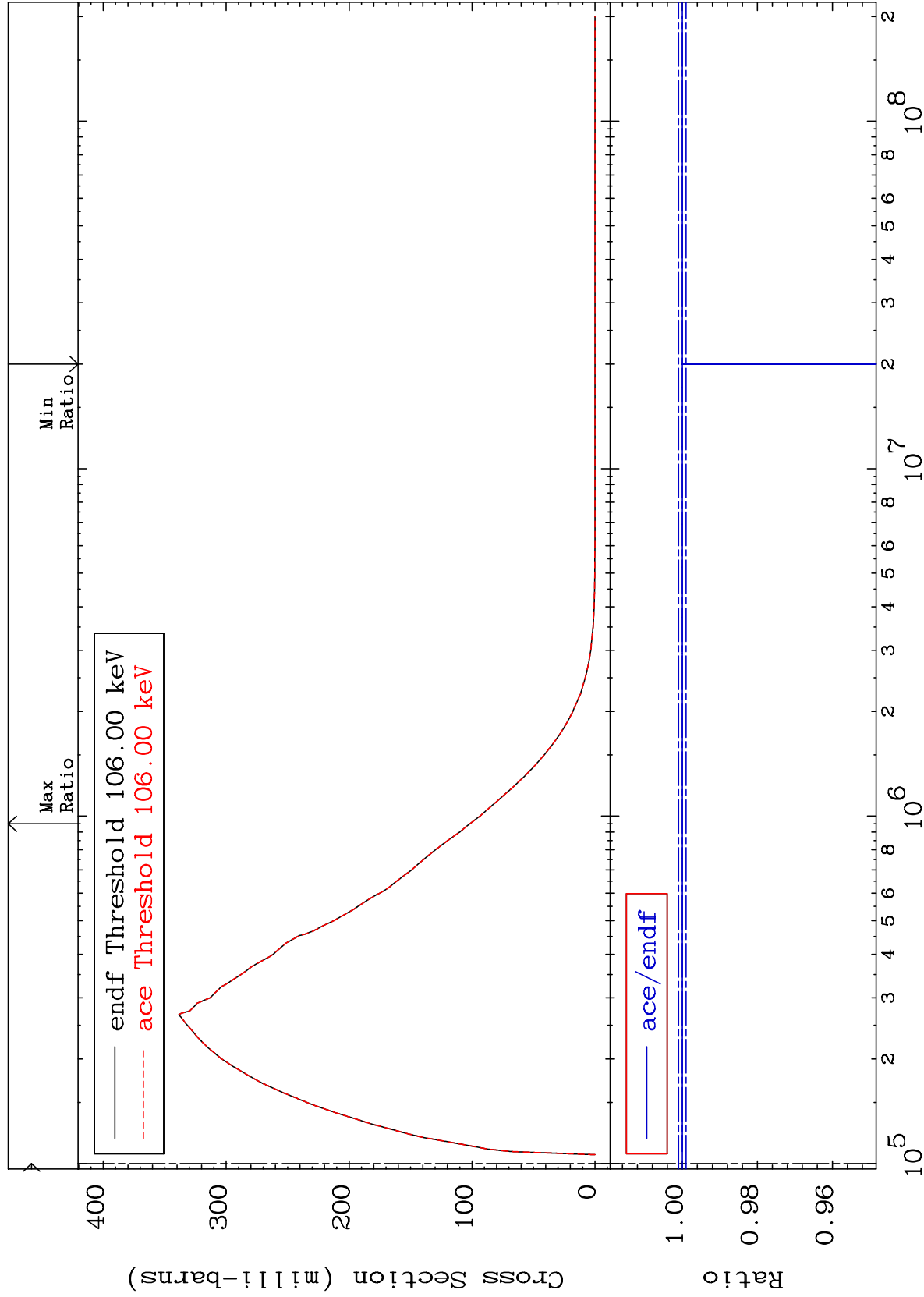
Incident Energy (eV)

64-Gd-155

MAT 6434

105.3 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



13

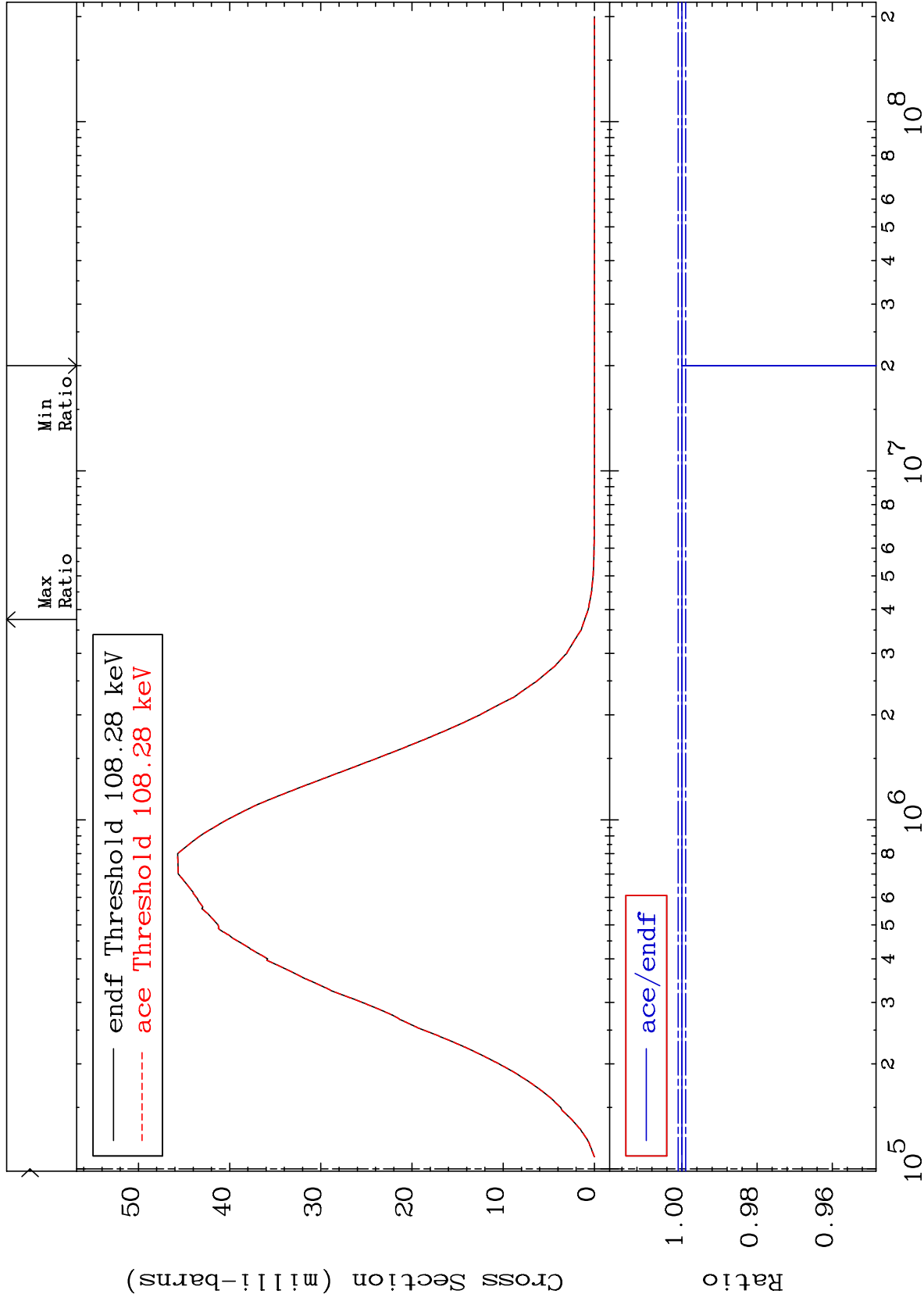
Incident Energy (eV)

64-Gd-155

MAT 6434

107.6 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



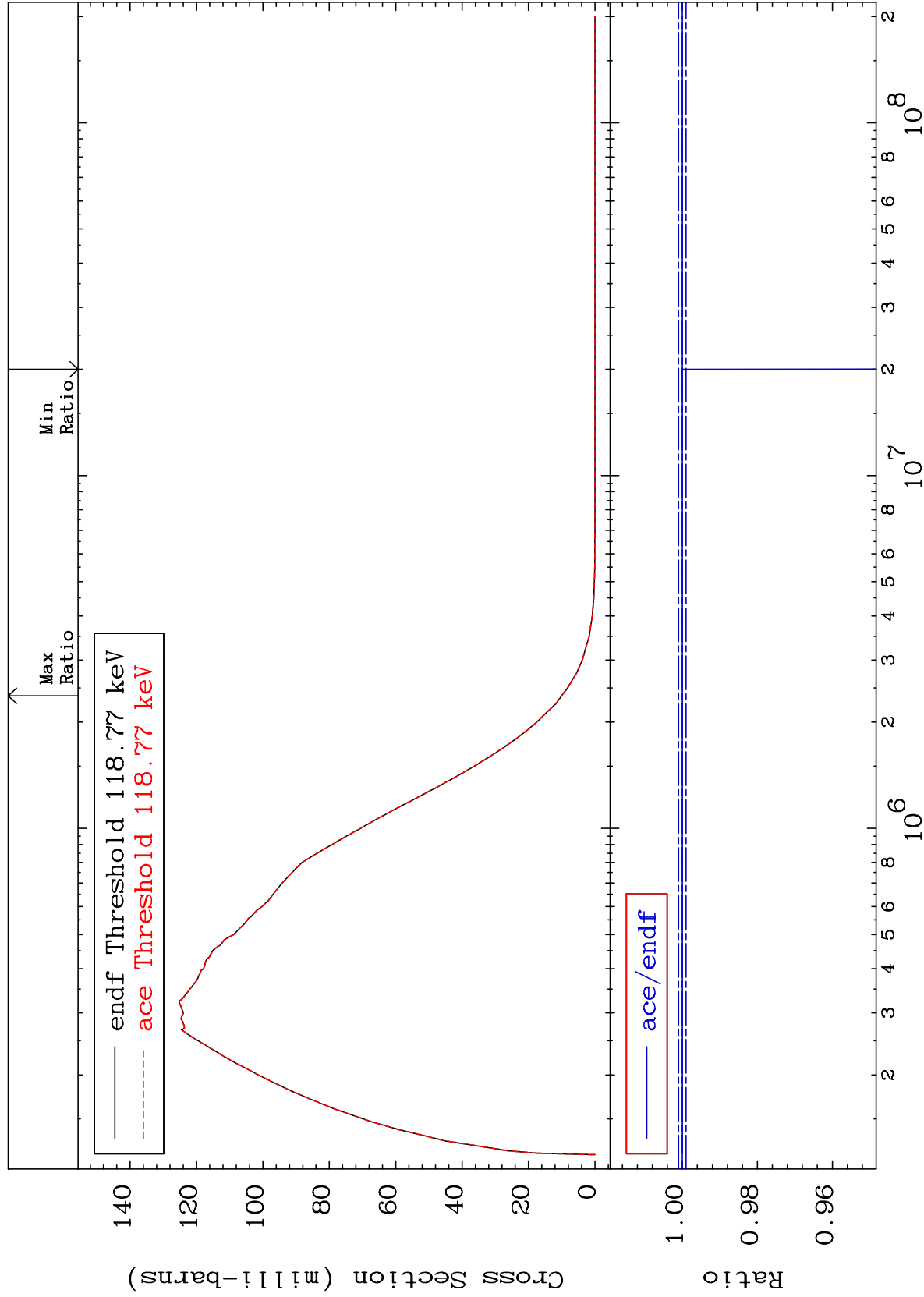
14

64-Gd-155

MAT 6434

118.0 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



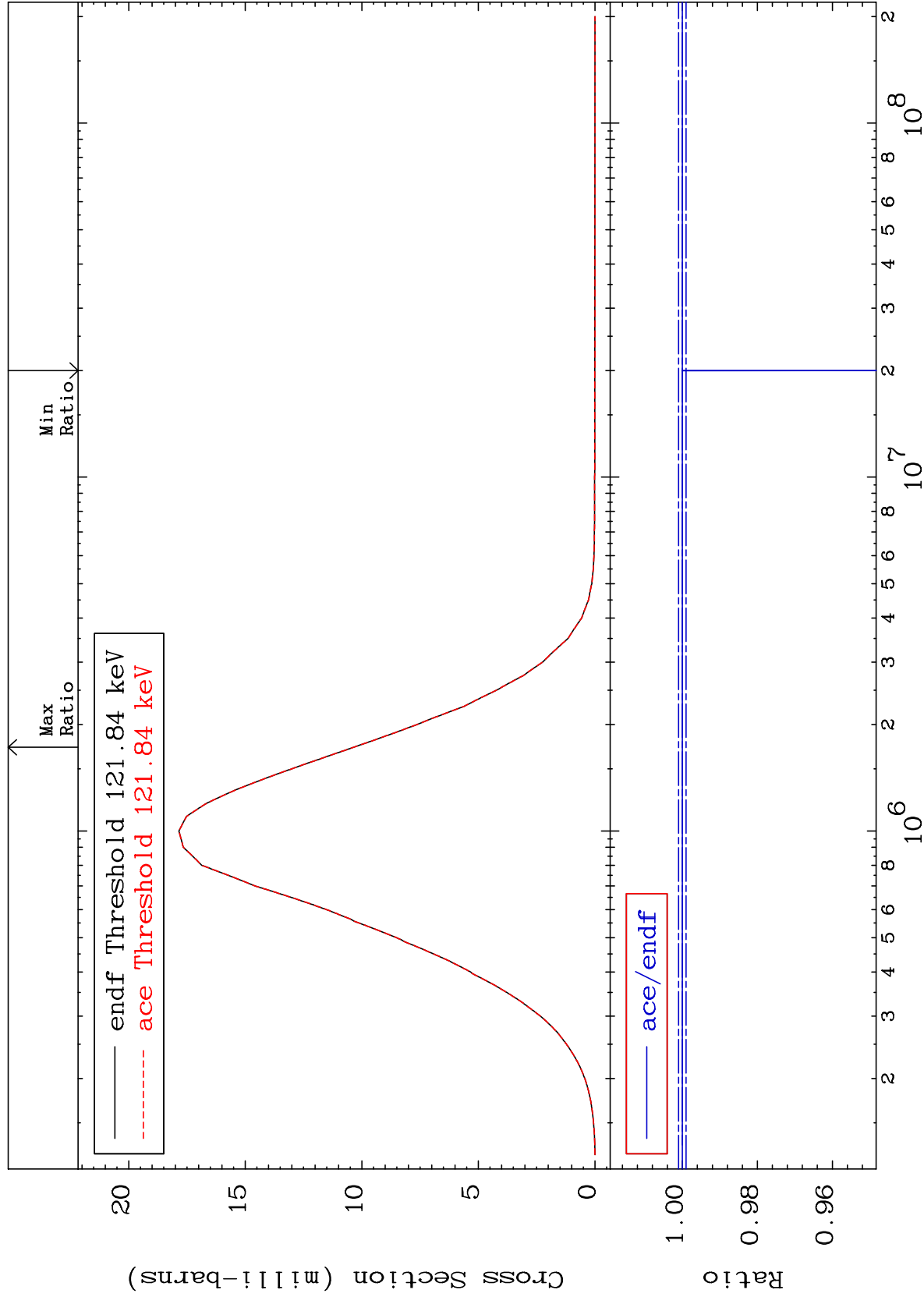
15

64-Gd-155

MAT 6434

121.1 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



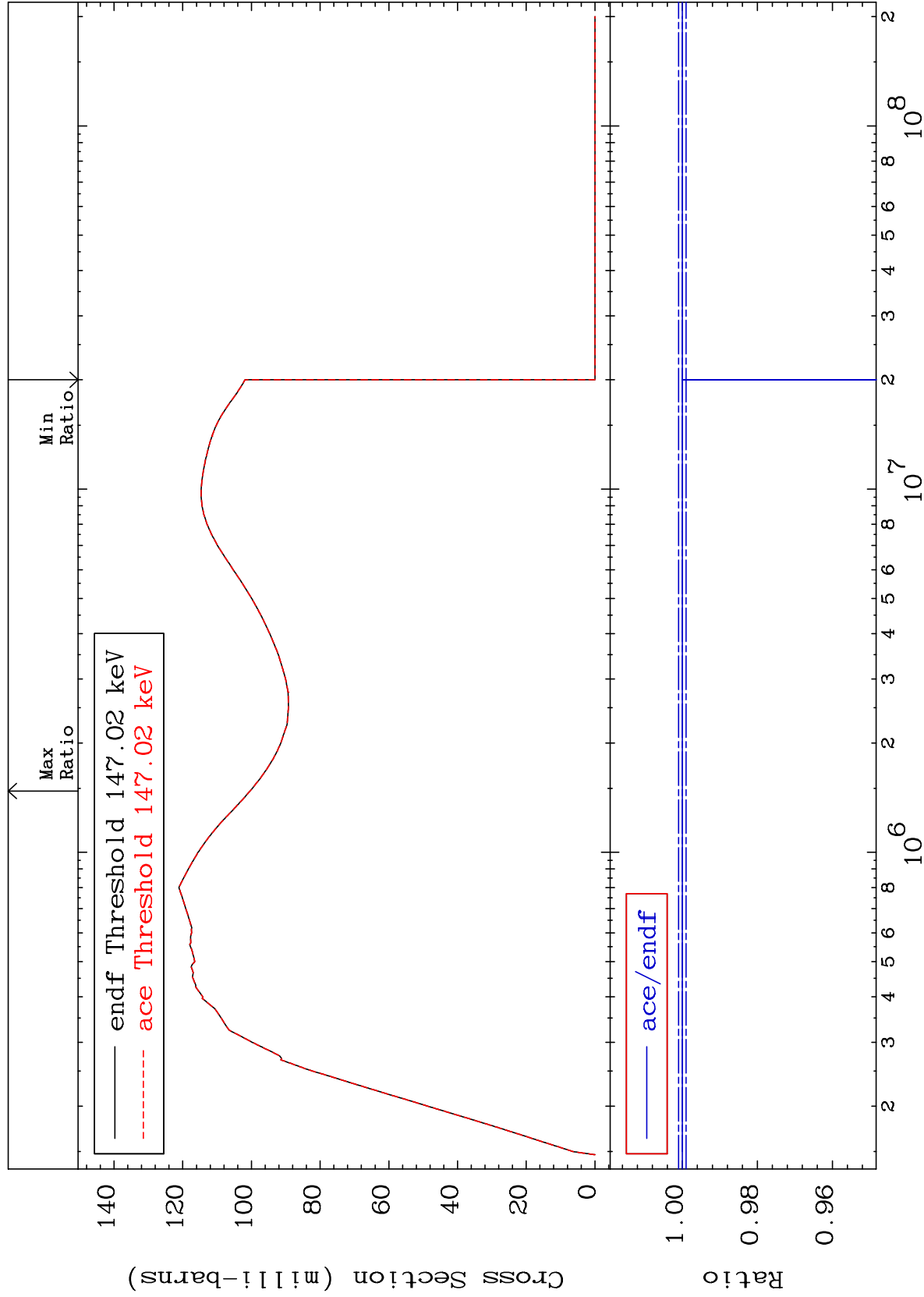
16

64-Gd-155

MAT 6434

146.1 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



17

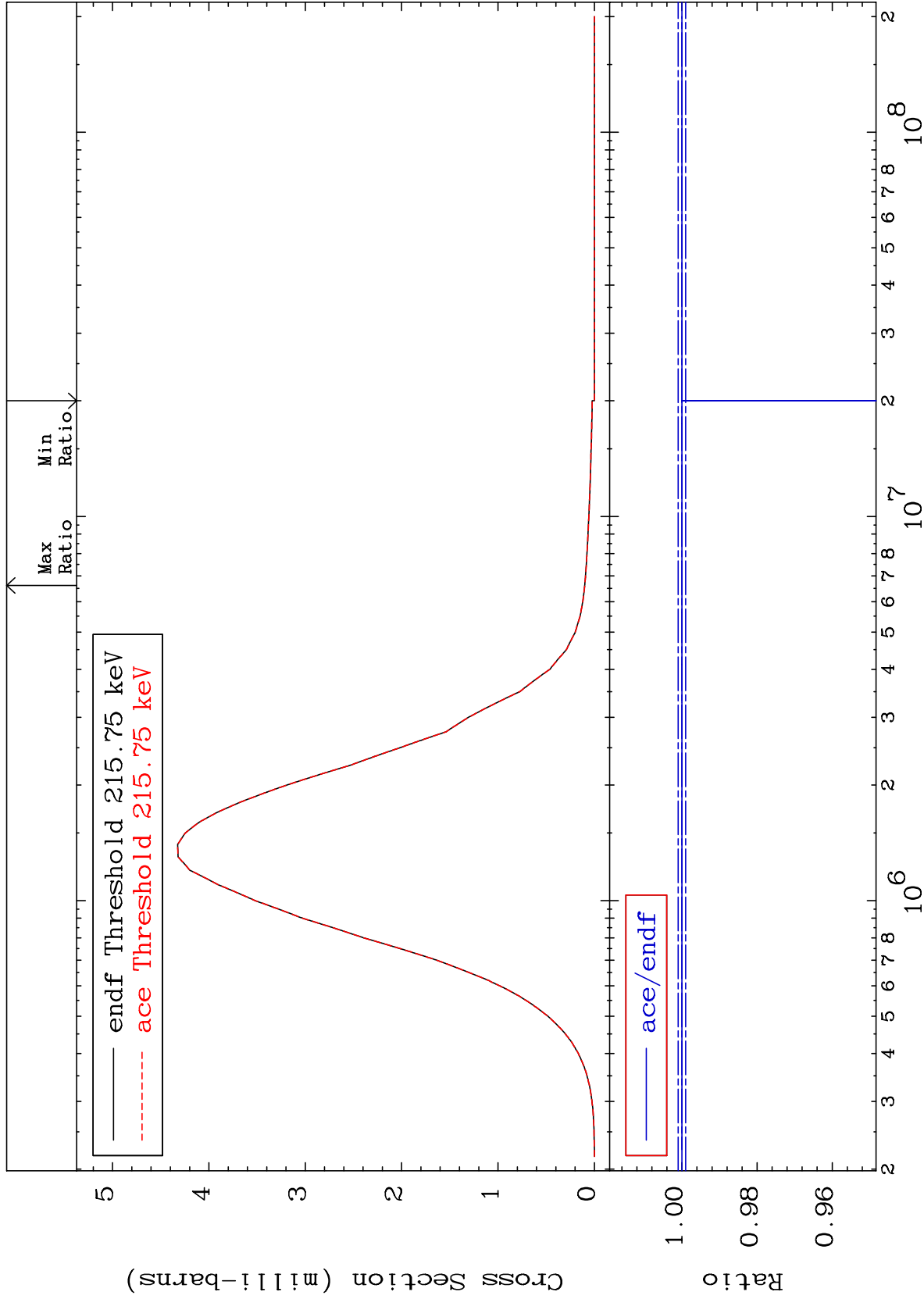
Incident Energy (eV)

64-Gd-155

MAT 6434

214.4 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



18

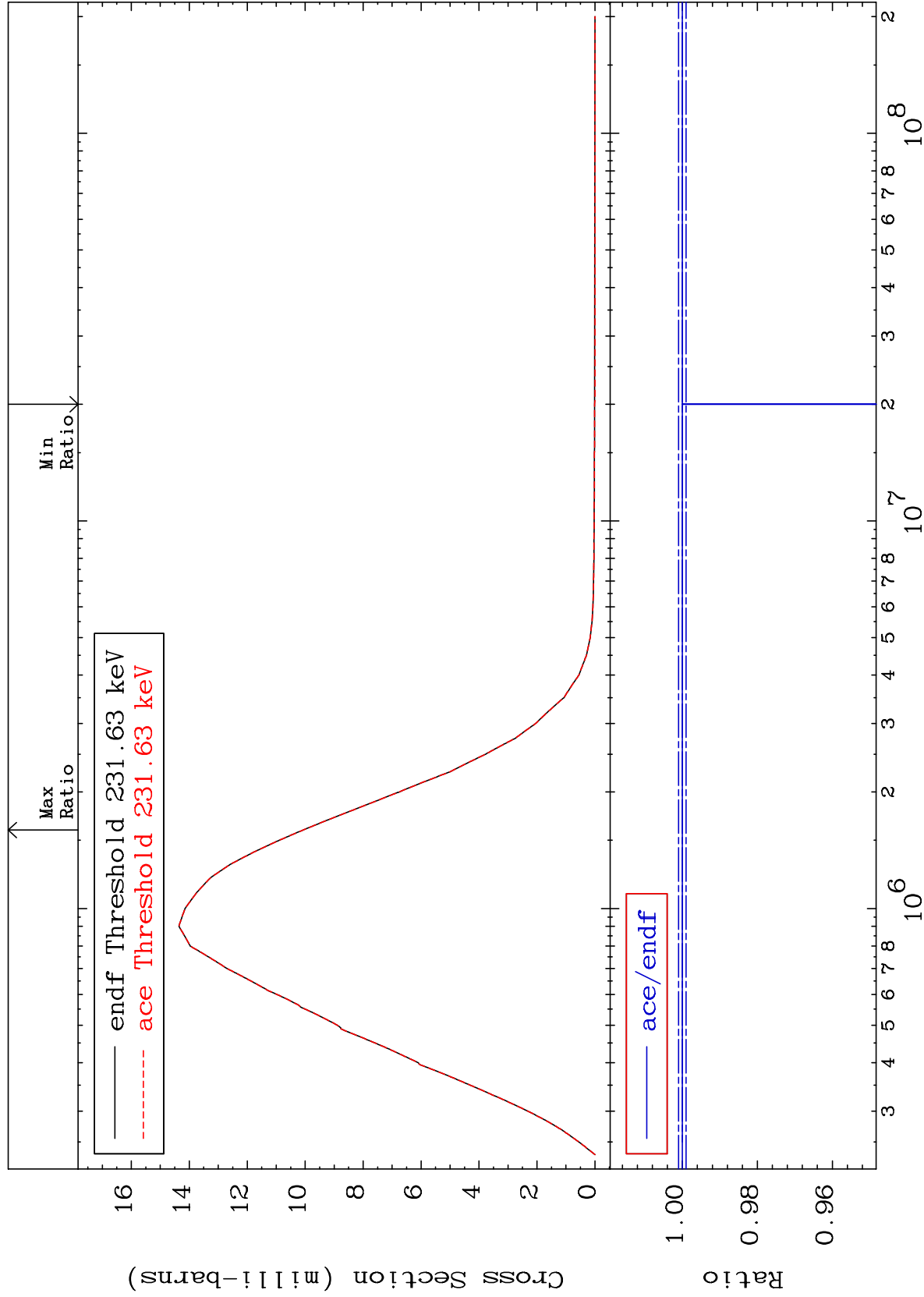
Incident Energy (eV)

64-Gd-155

MAT 6434

230.1 keV (n,n') Level
Cross Section

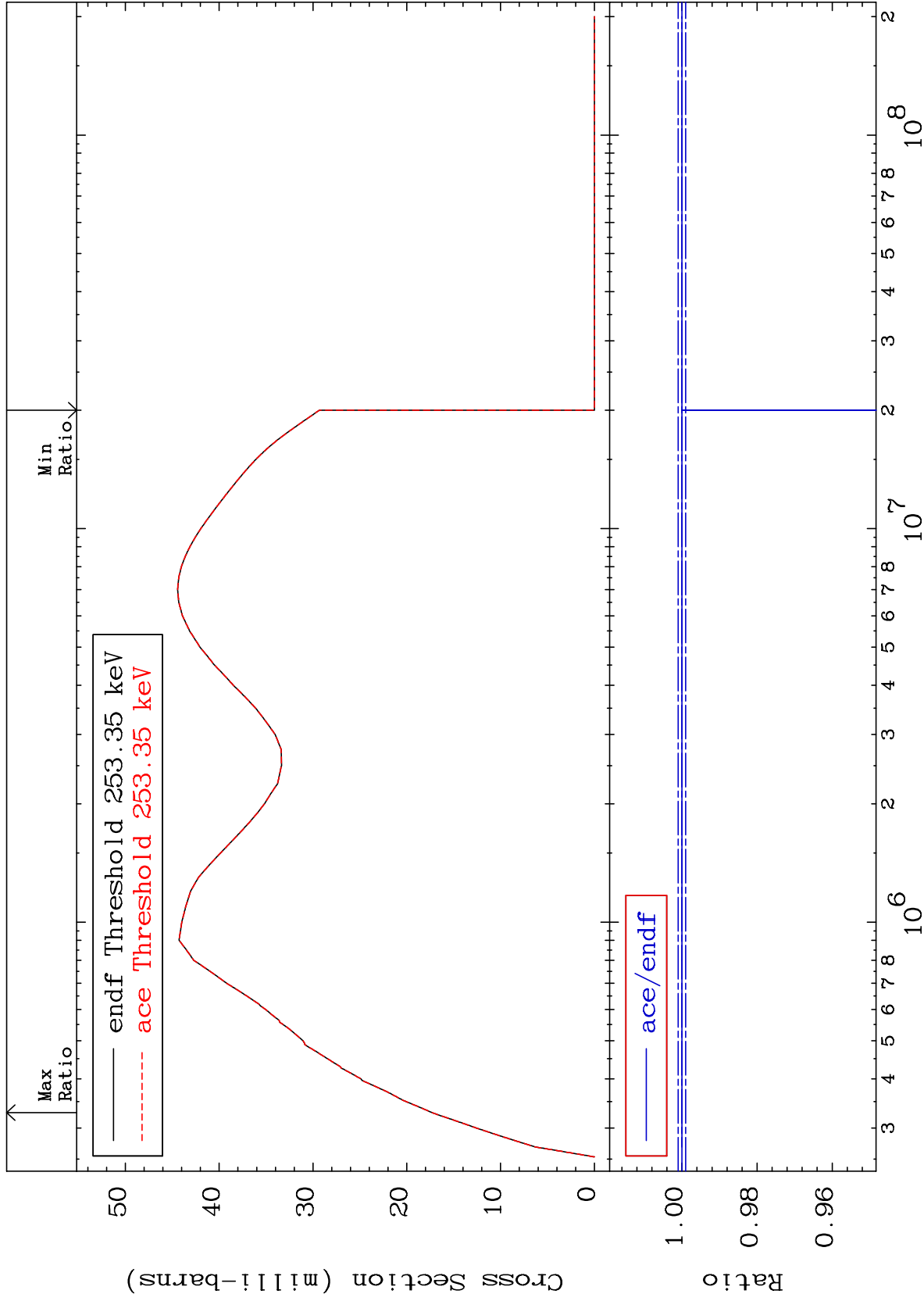
64-Gd-155
-100.0 To 0.000 %



MAT 6434

251.7 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



20

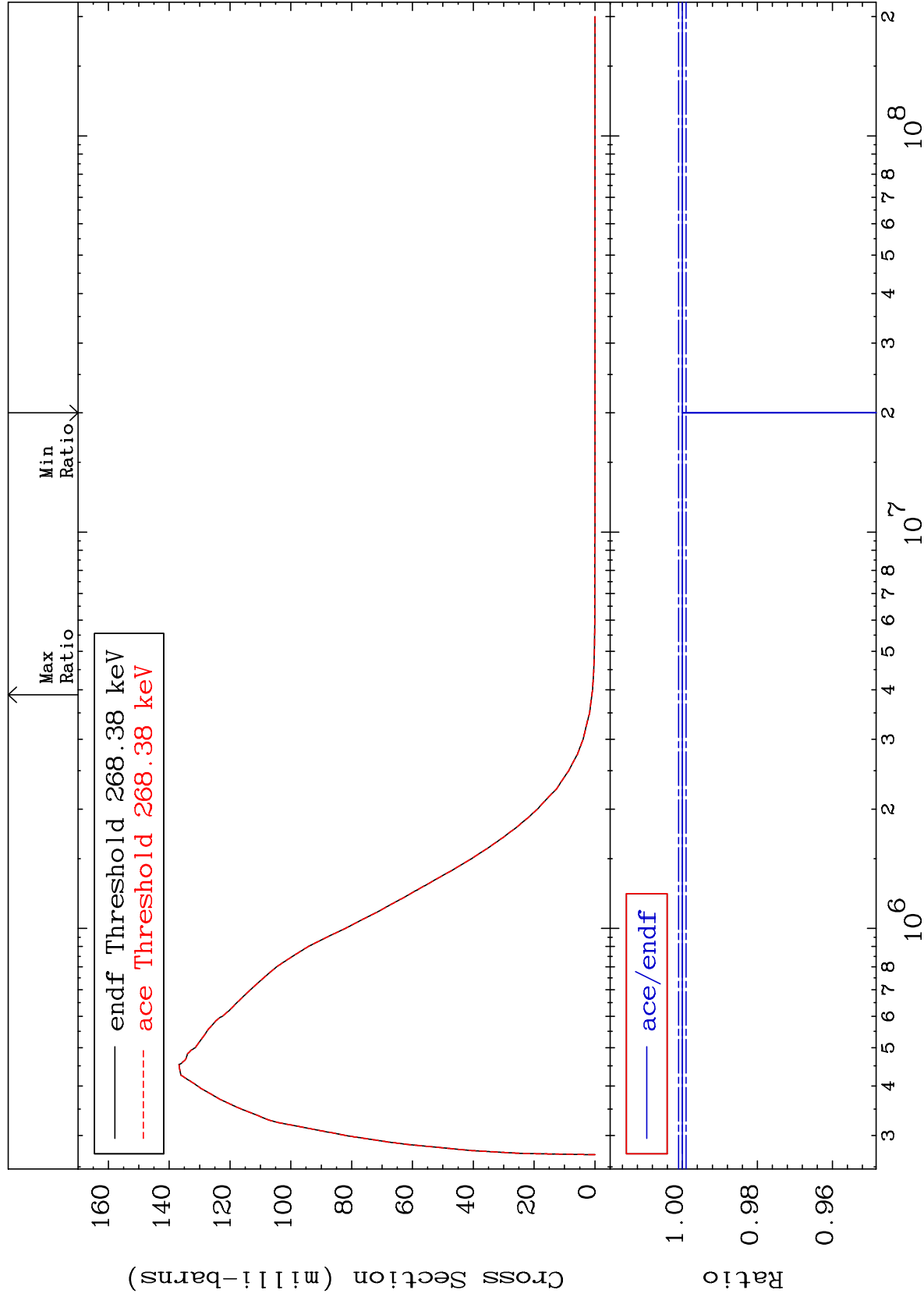
Incident Energy (eV)

64-Gd-155

MAT 6434

266.6 keV (n,n') Level
Cross Section

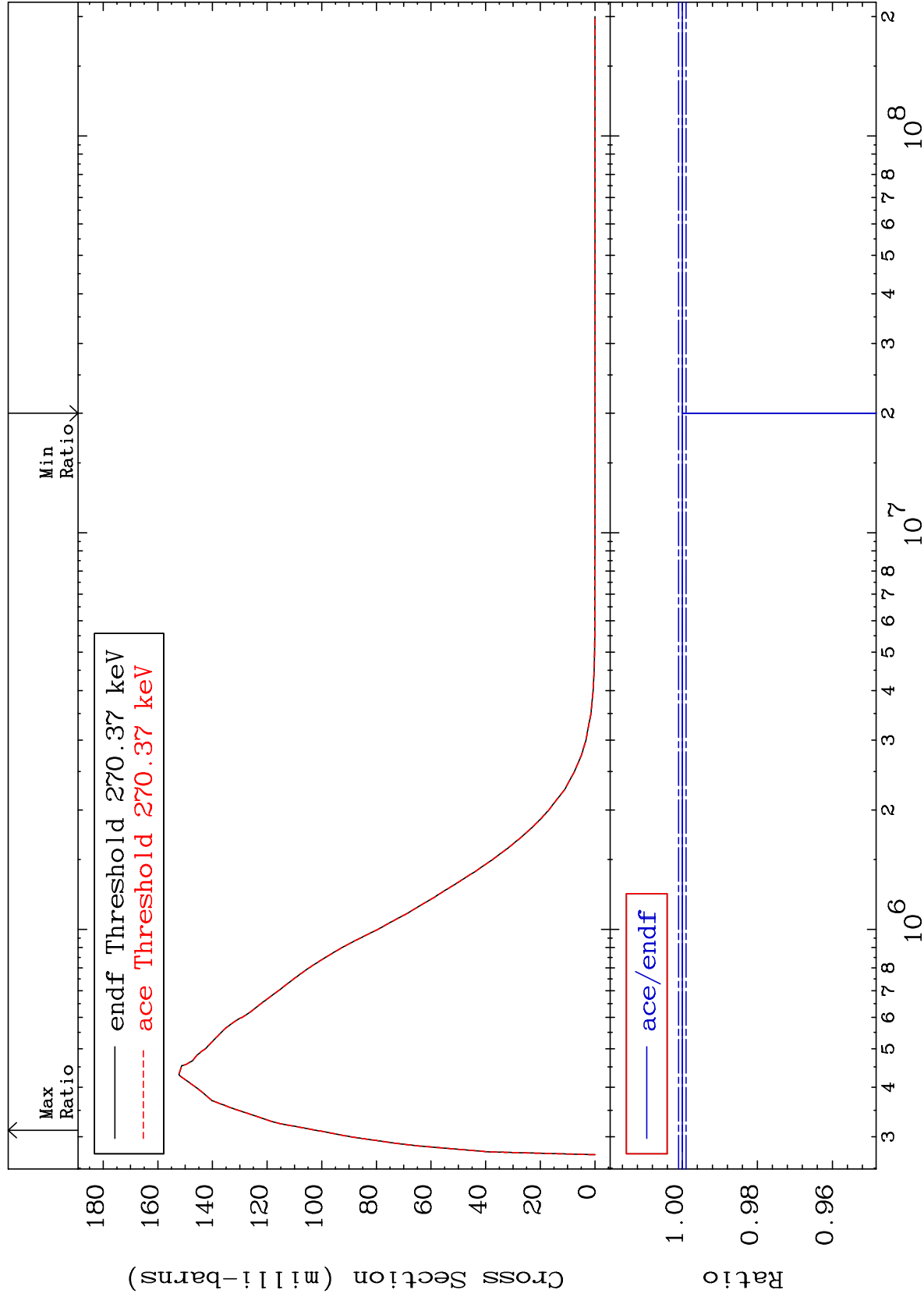
64-Gd-155
-100.0 To 0.000 %



MAT 6434

268.6 keV (n,n') Level
Cross Section

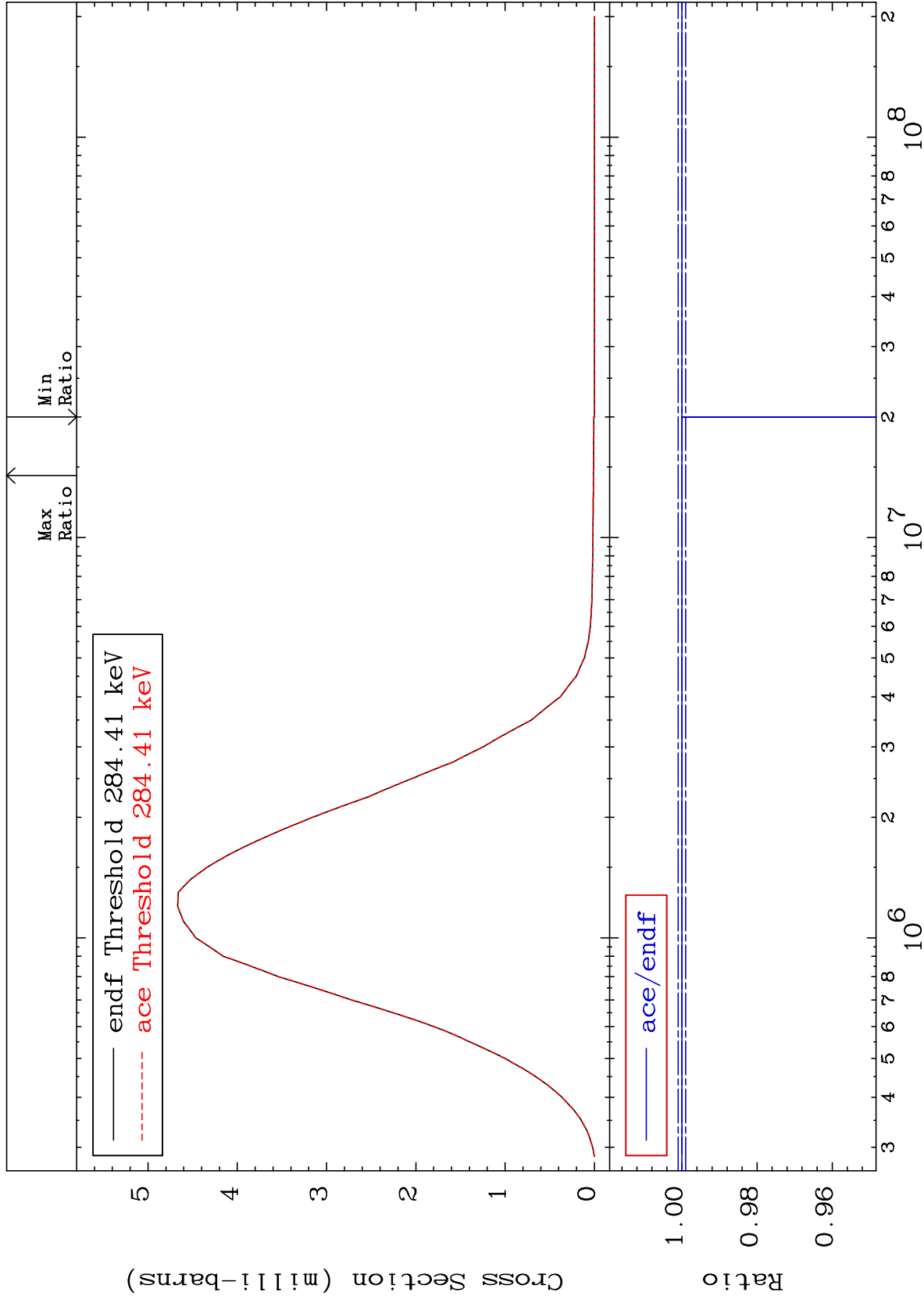
64-Gd-155
-100.0 To 0.000 %



MAT 6434

282.6 keV (n,n') Level
Cross Section

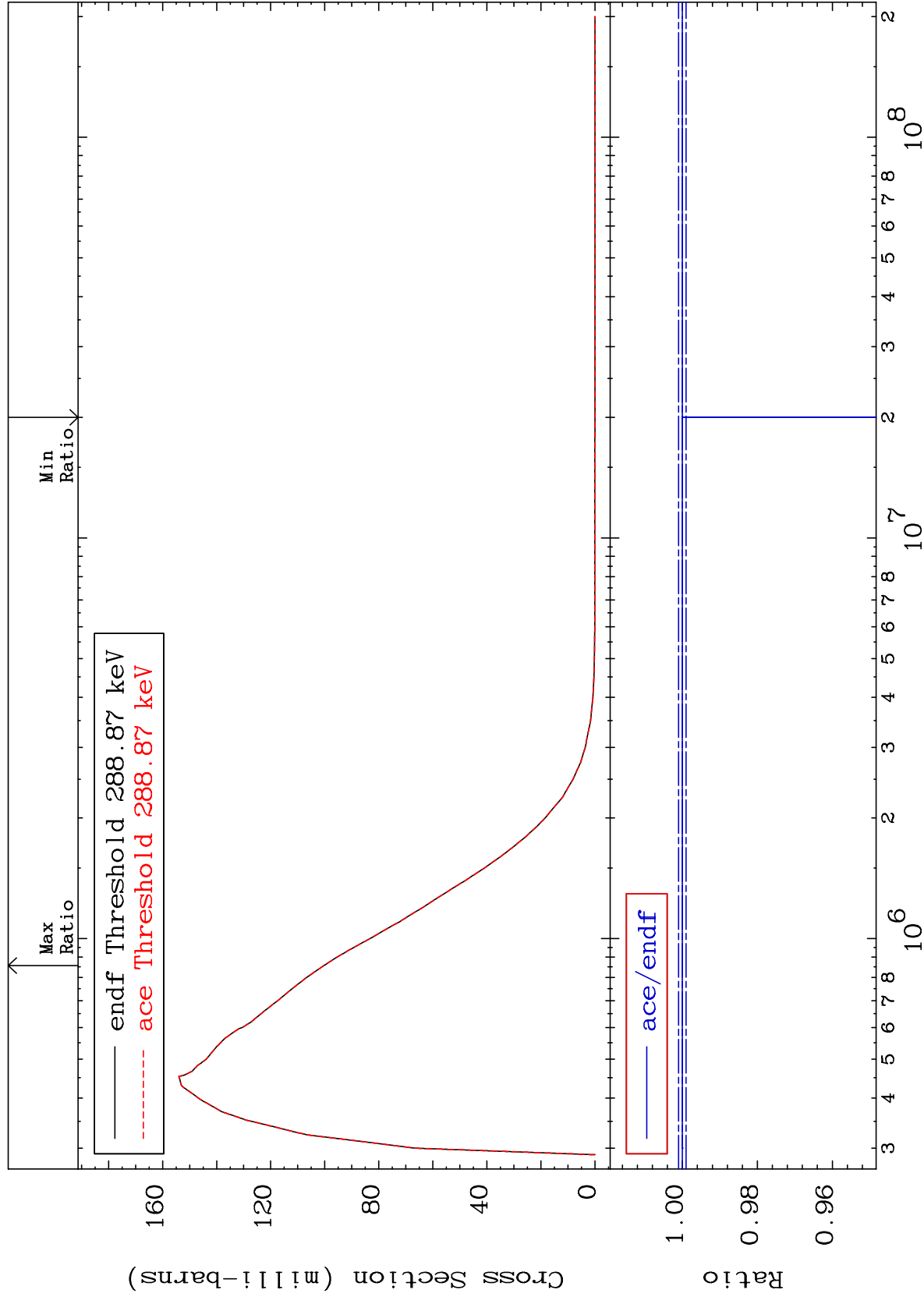
64-Gd-155
-100.0 To 0.000 %



MAT 6434

287.0 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



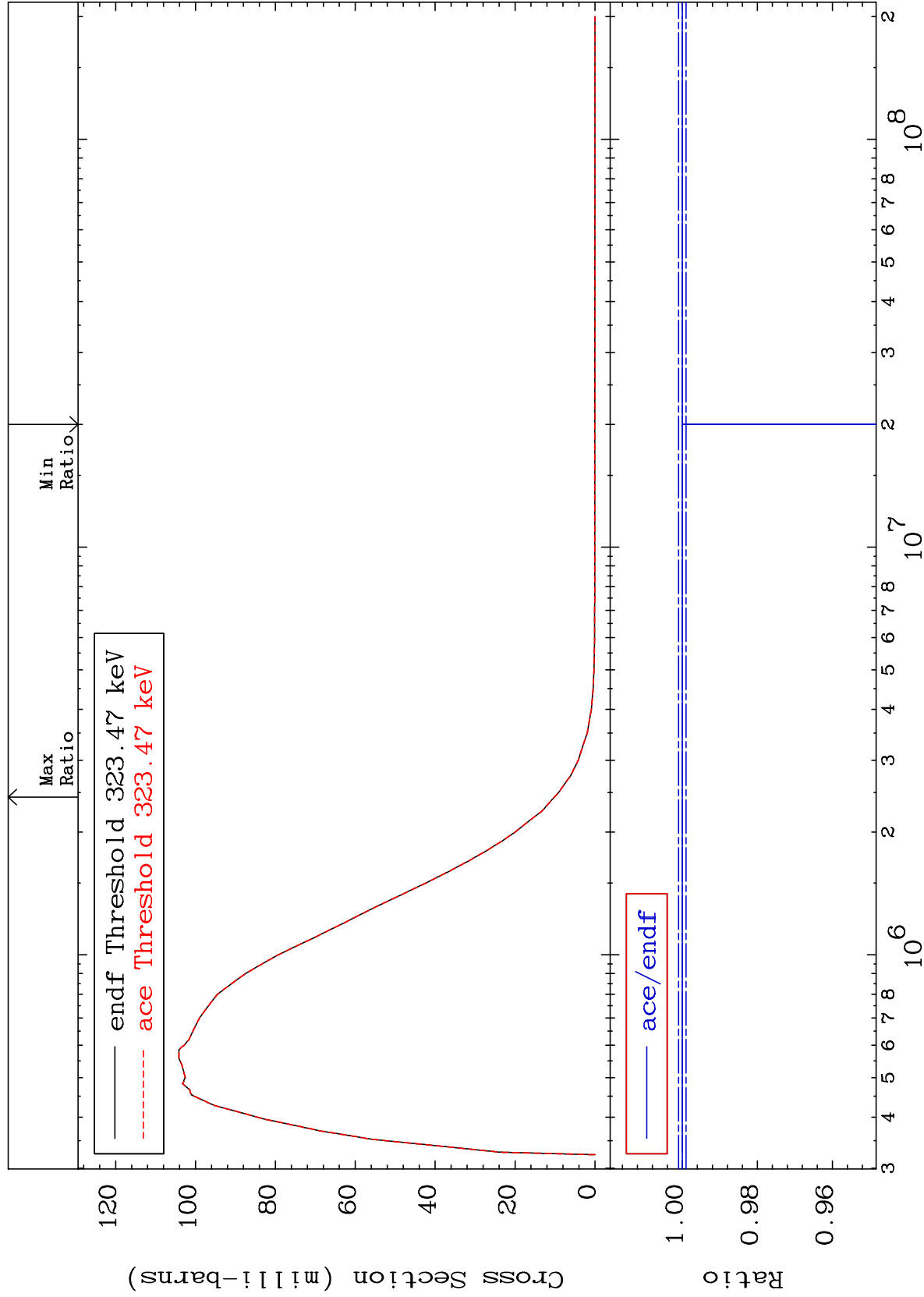
24

64-Gd-155

MAT 6434

321.4 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



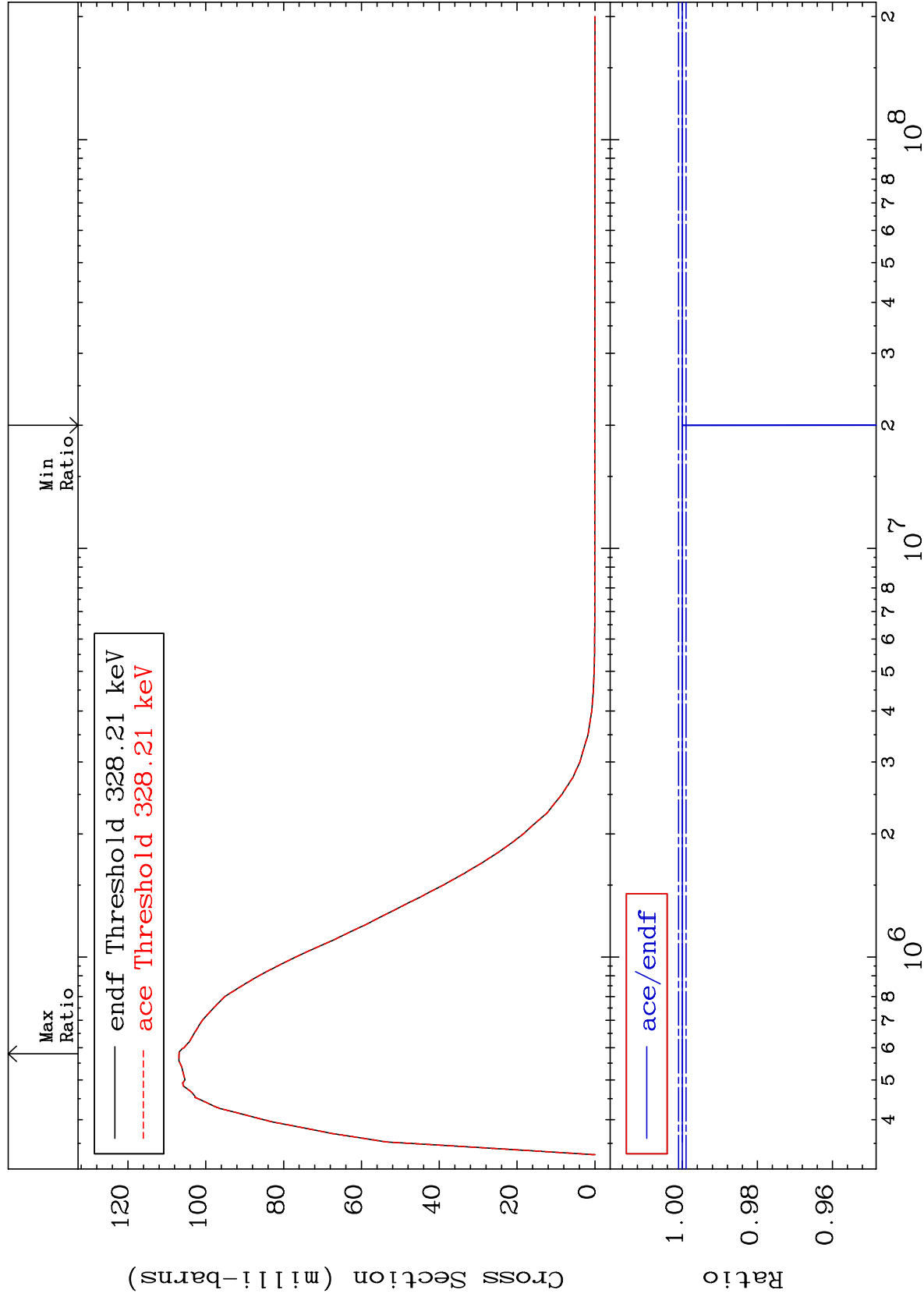
25

64-Gd-155

MAT 6434

326.1 keV (n,n') Level
Cross Section

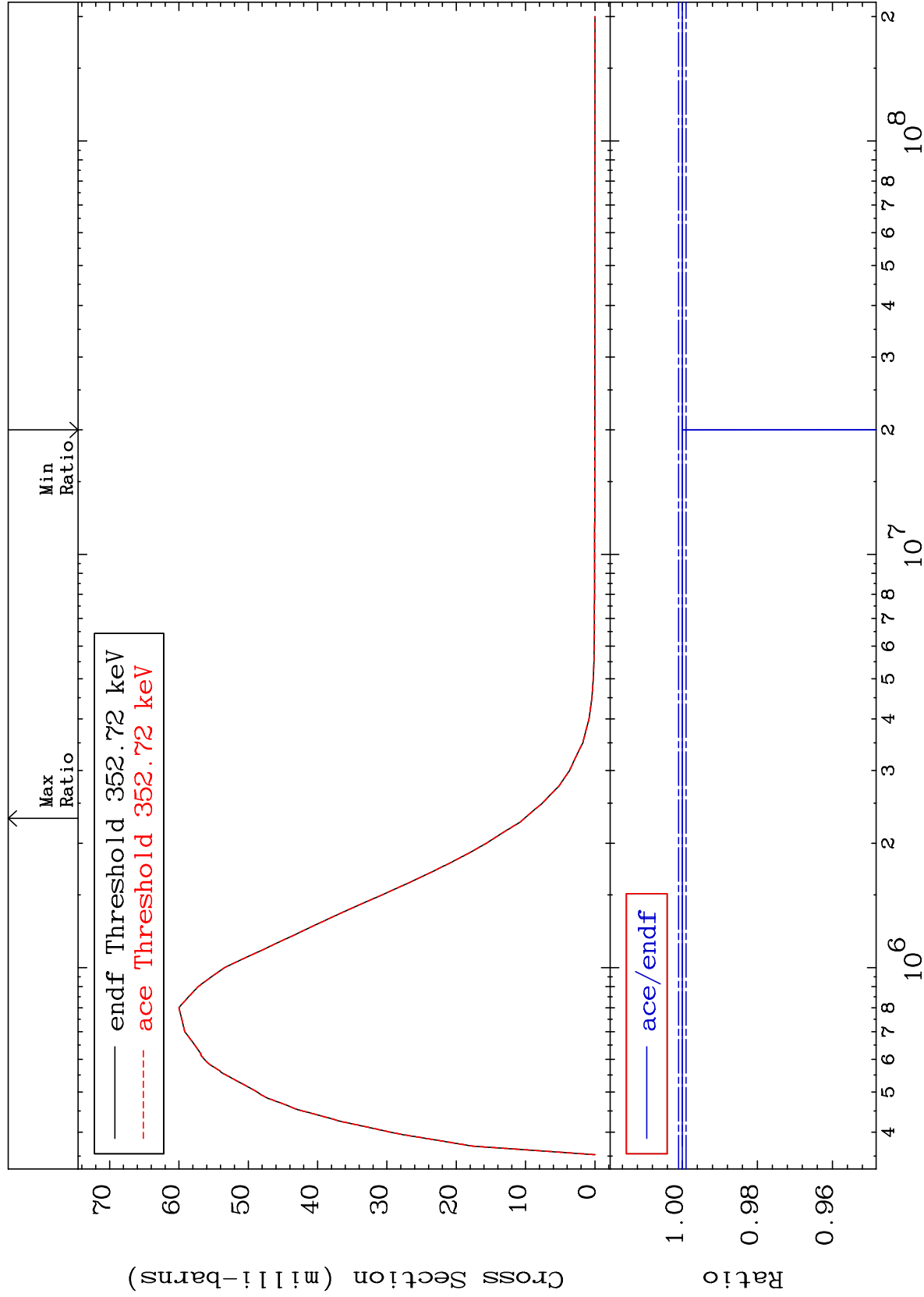
64-Gd-155
-100.0 To 0.000 %



MAT 6434

350.4 keV (n,n') Level
Cross Section

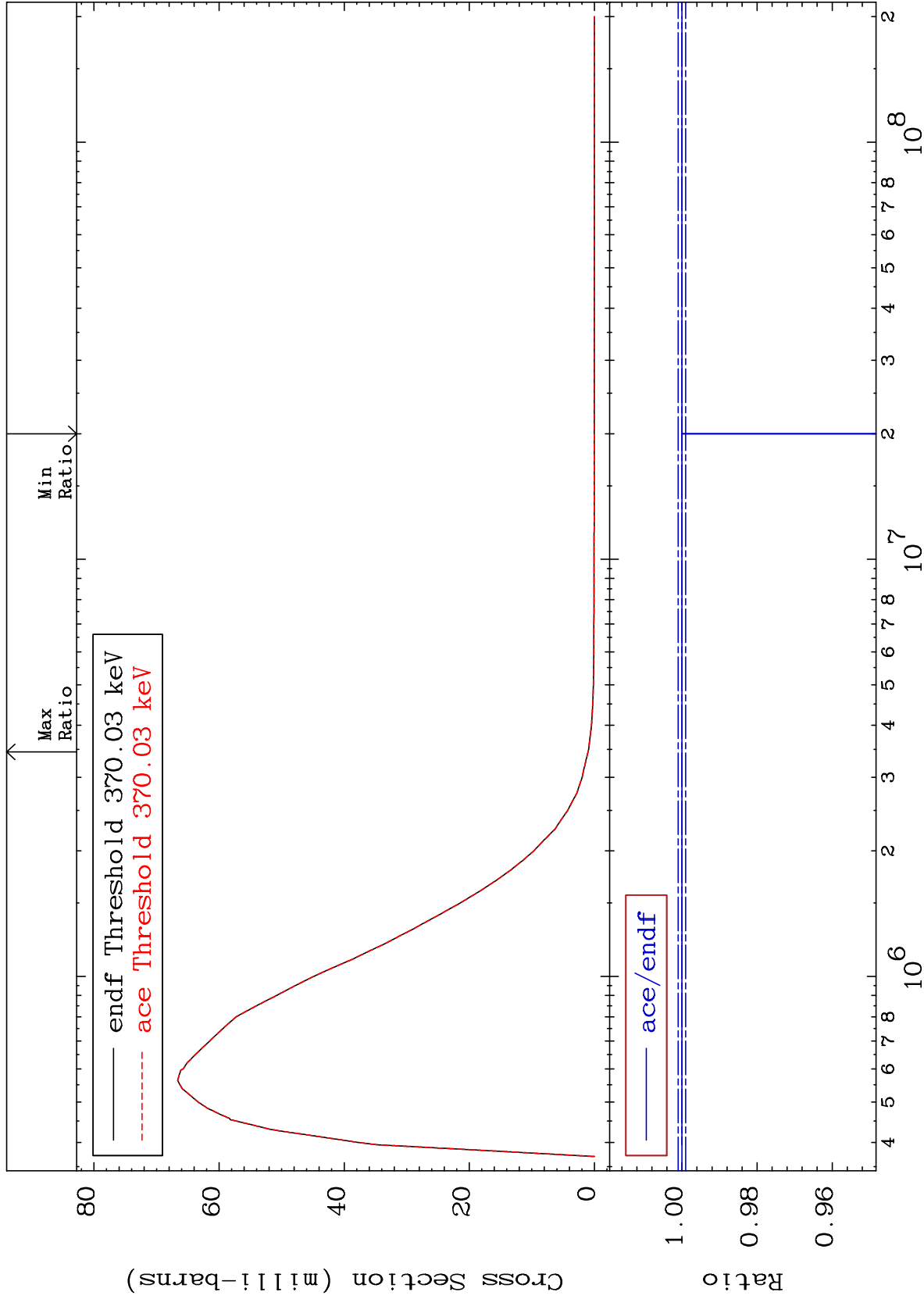
64-Gd-155
-100.0 To 0.000 %



MAT 6434

367.6 keV (n,n') Level
Cross Section

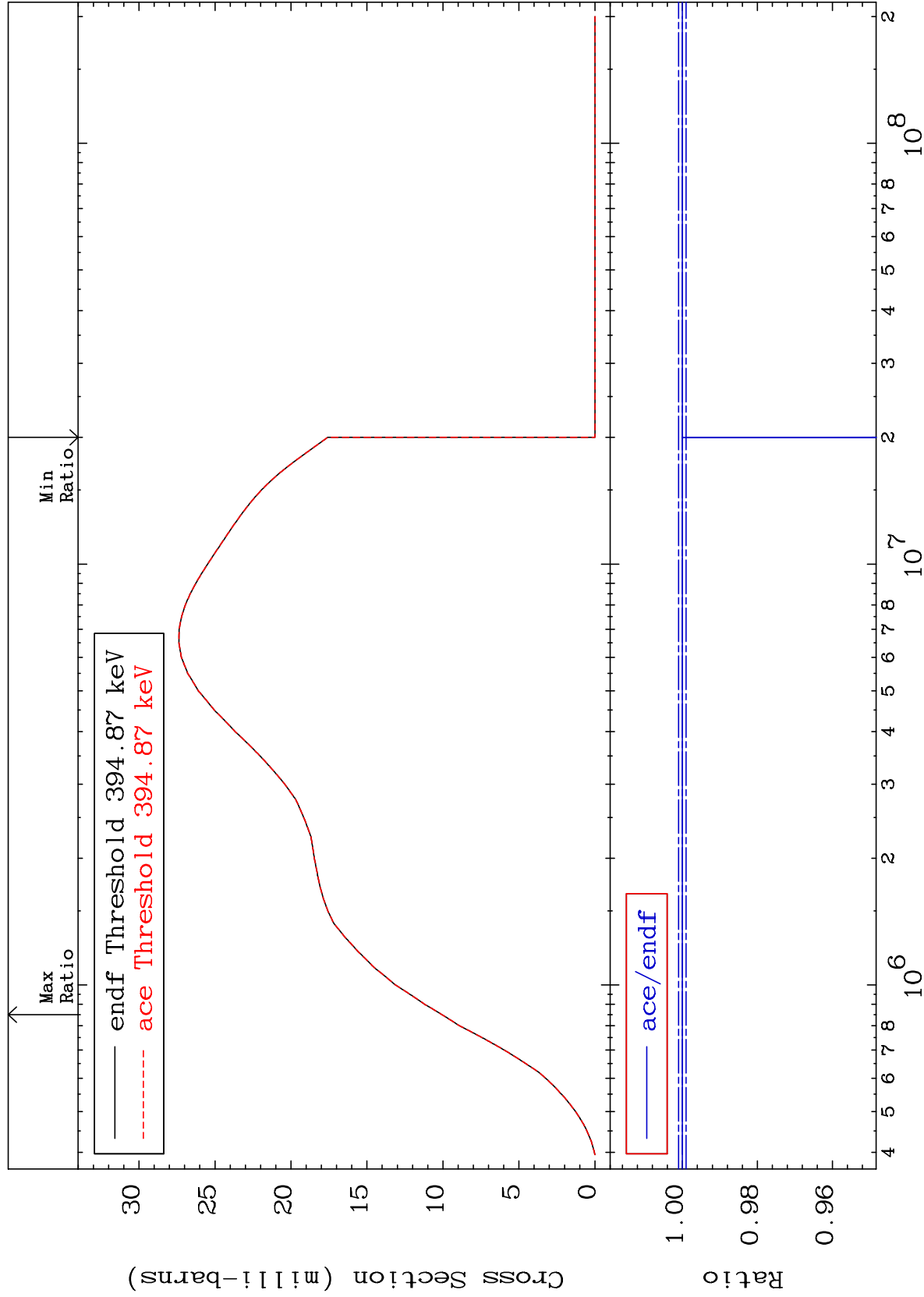
64-Gd-155
-100.0 To 0.000 %



MAT 6434

392.3 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



29

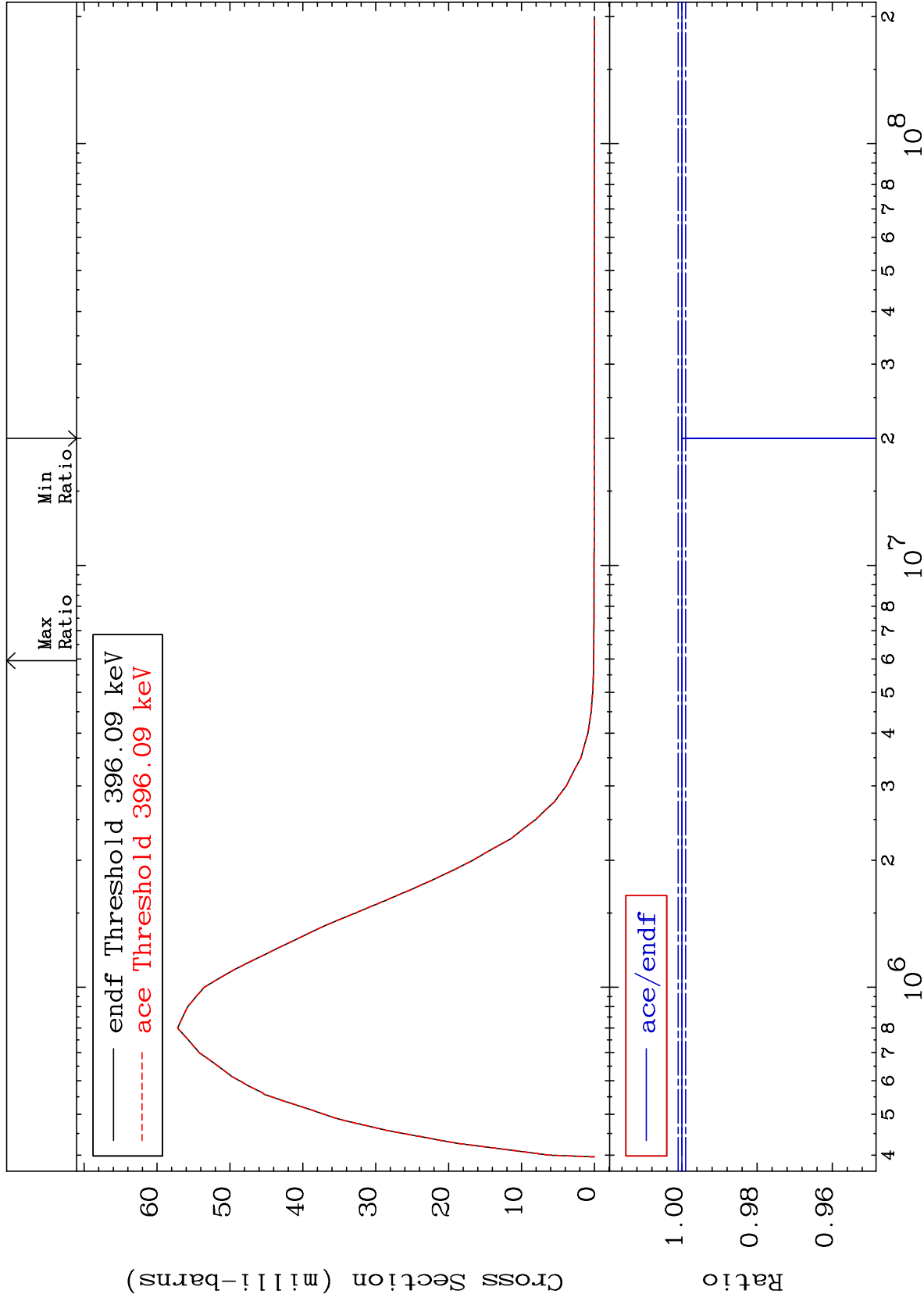
Incident Energy (eV)

64-Gd-155

MAT 6434

393.5 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



30

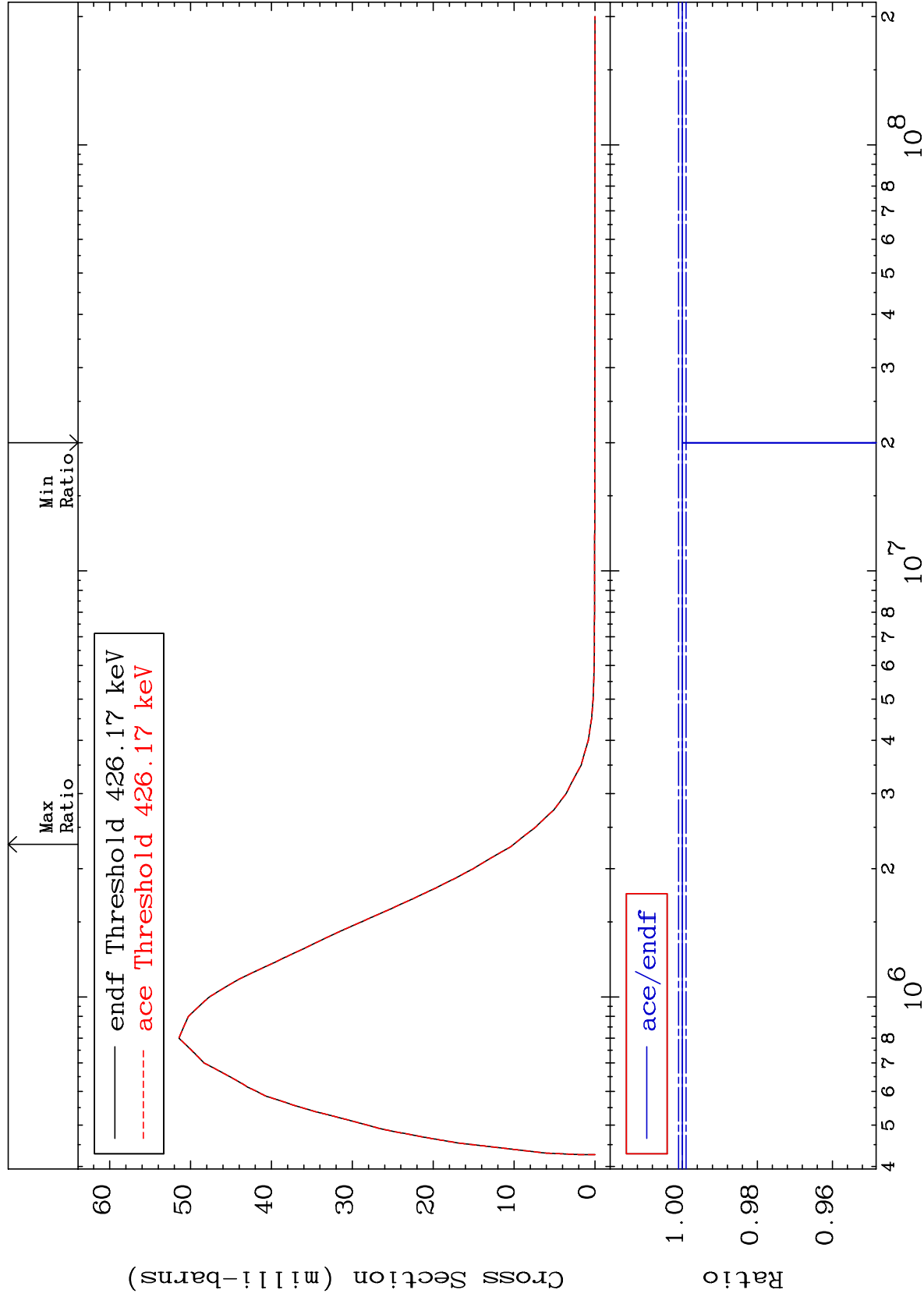
Incident Energy (eV)

64-Gd-155

MAT 6434

423.4 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



31

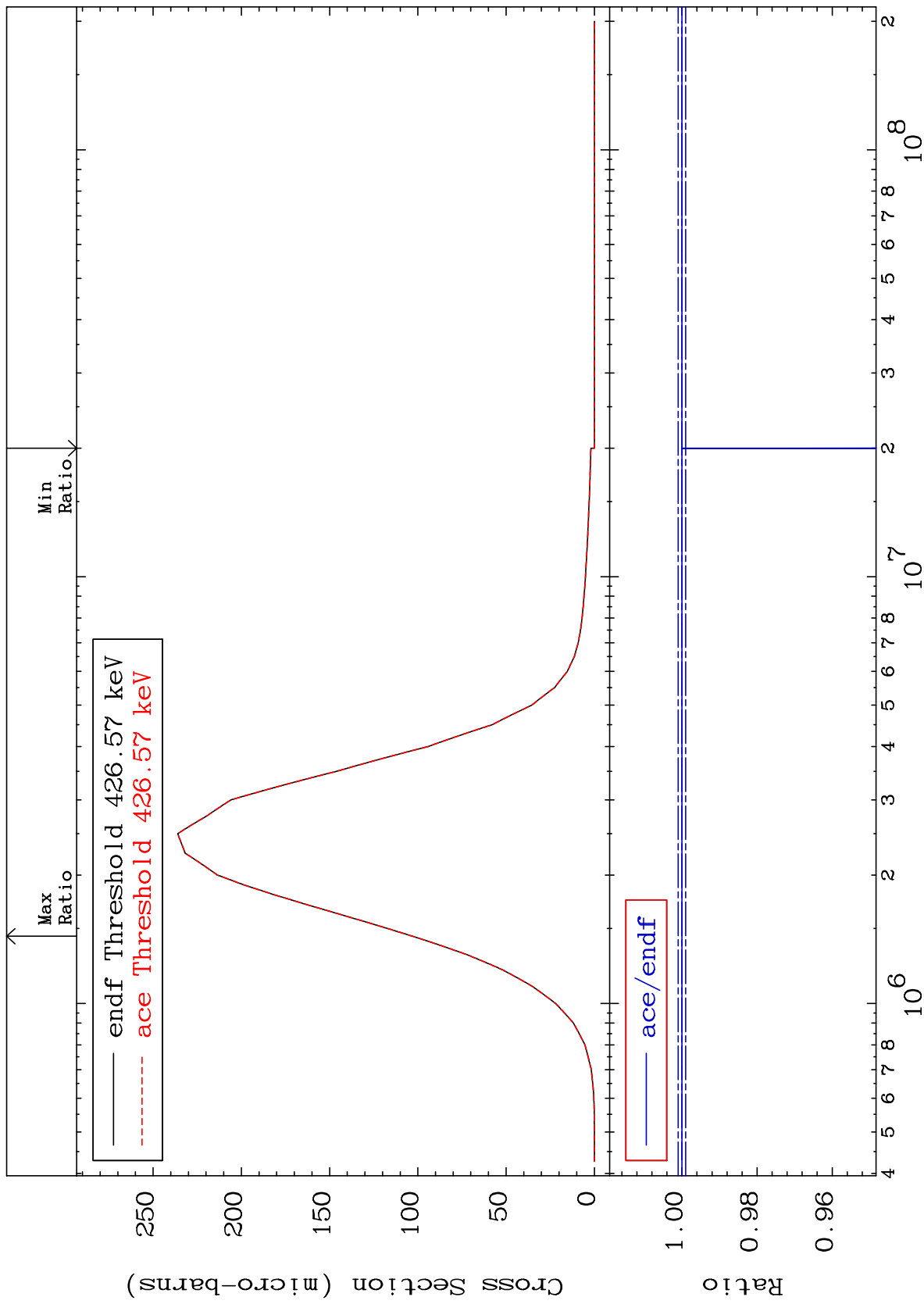
Incident Energy (eV)

64-Gd-155

MAT 6434

423.8 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



32

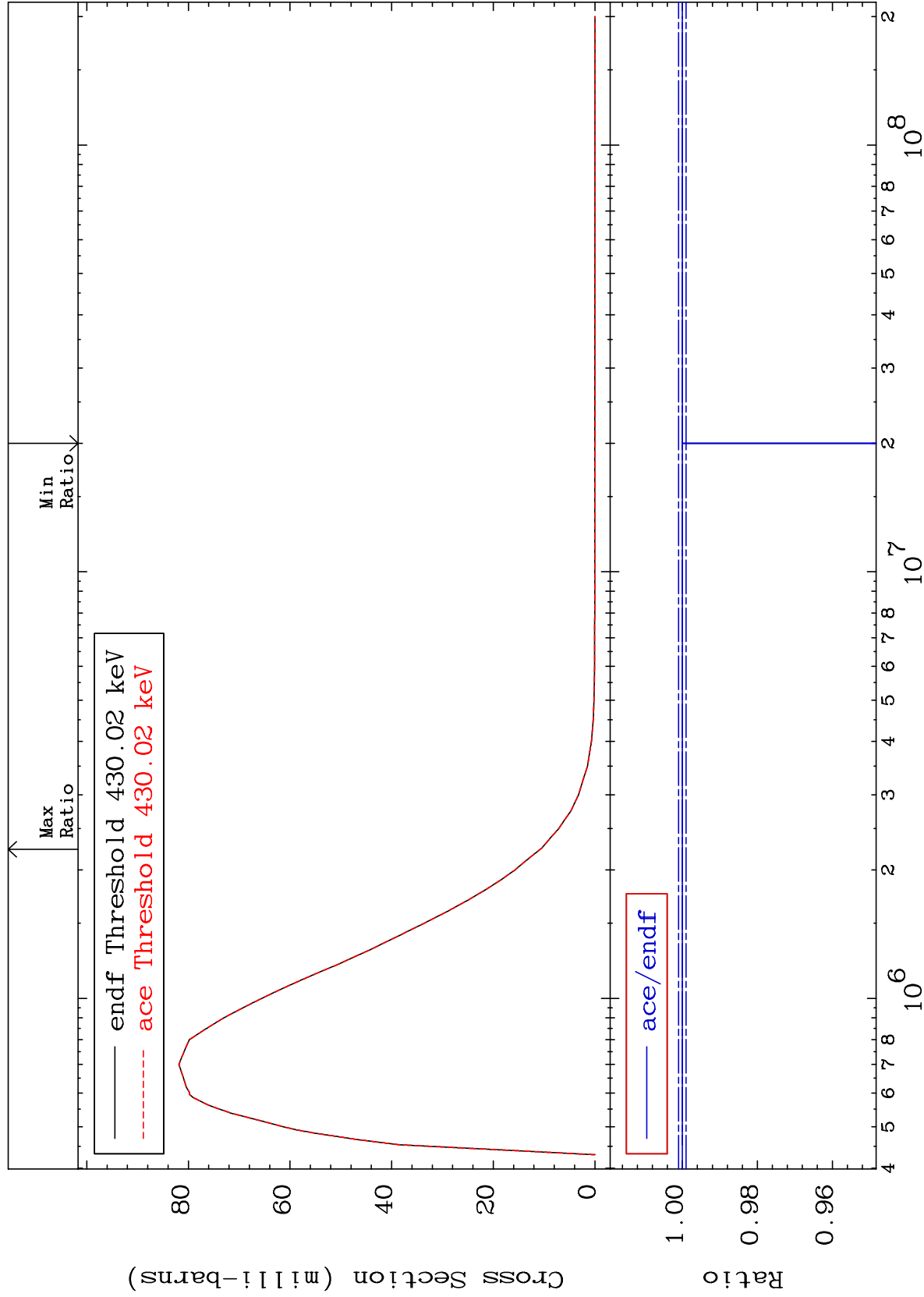
Incident Energy (eV)

64-Gd-155

MAT 6434

427.2 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



33

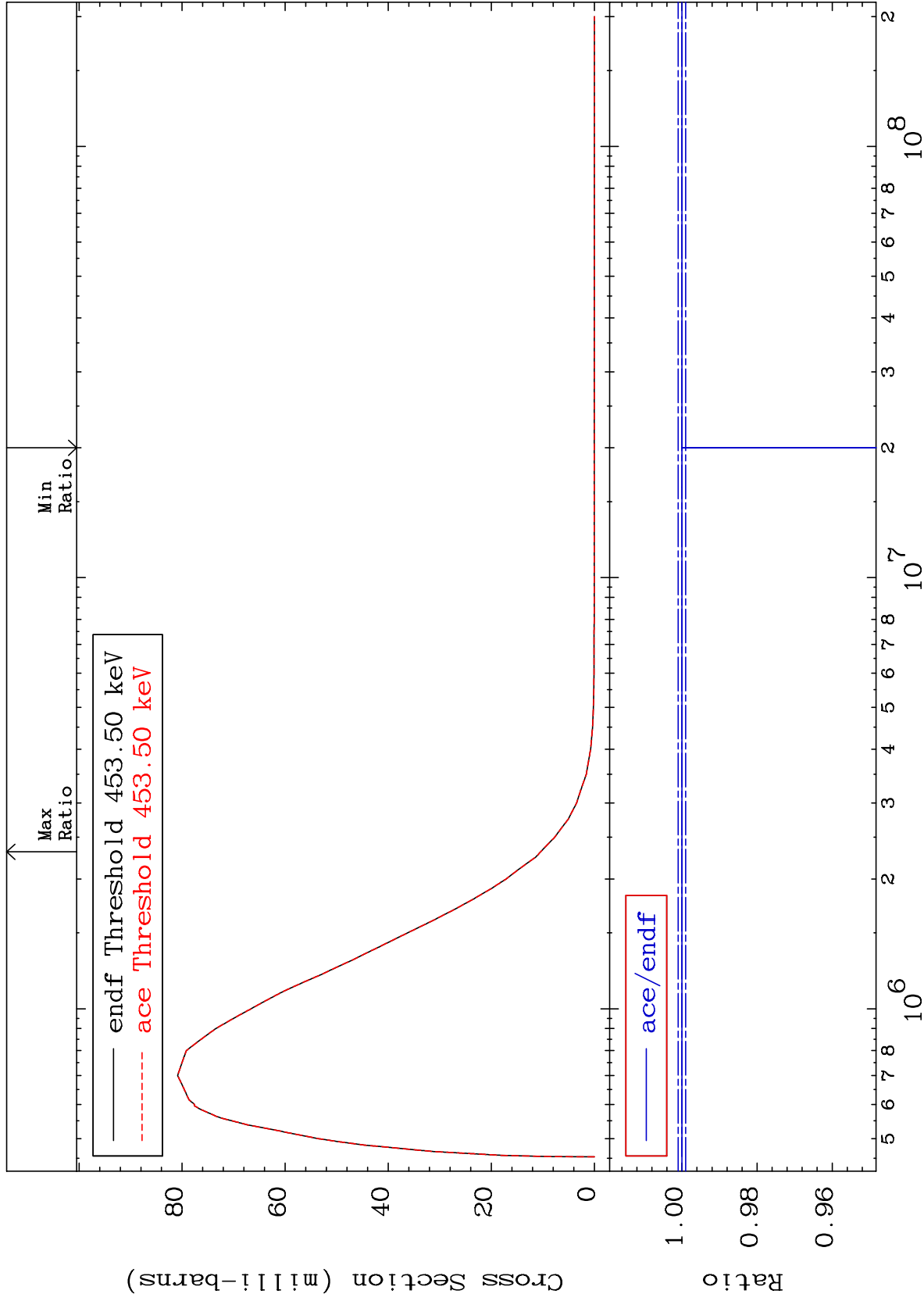
Incident Energy (eV)

64-Gd-155

MAT 6434

450.6 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



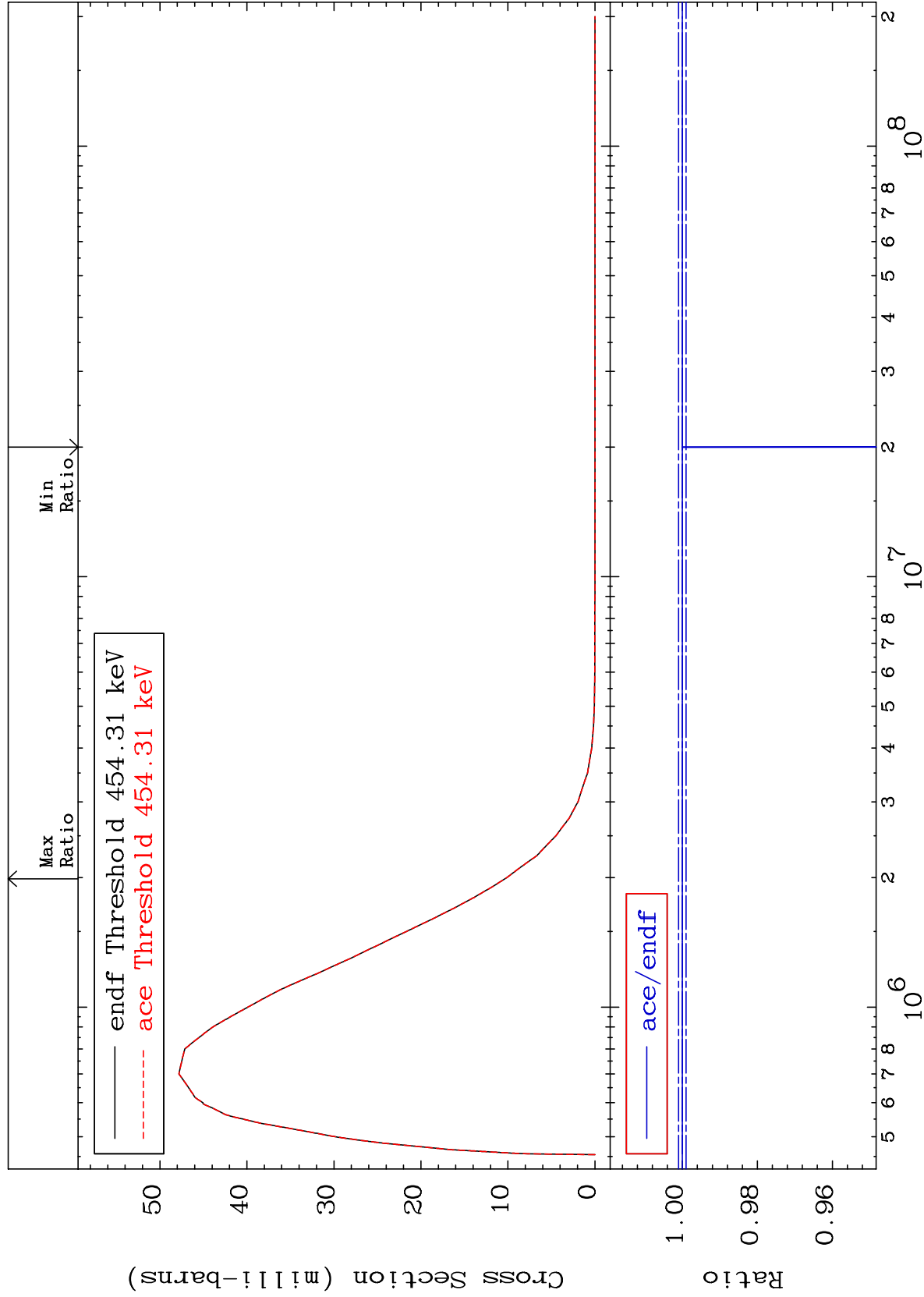
34

64-Gd-155

MAT 6434

451.4 keV (n,n') Level
Cross Section

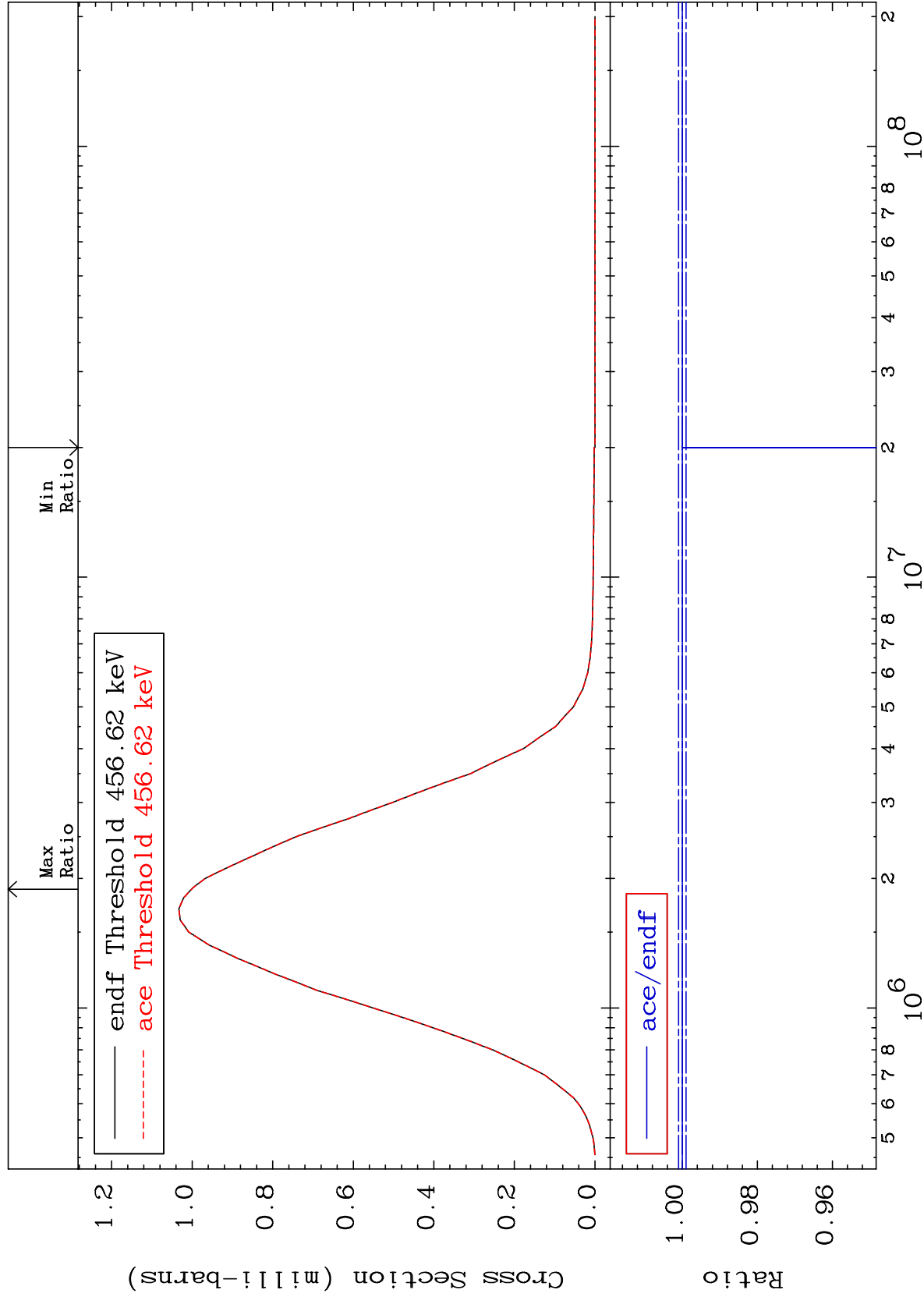
64-Gd-155
-100.0 To 0.000 %



MAT 6434

453.7 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



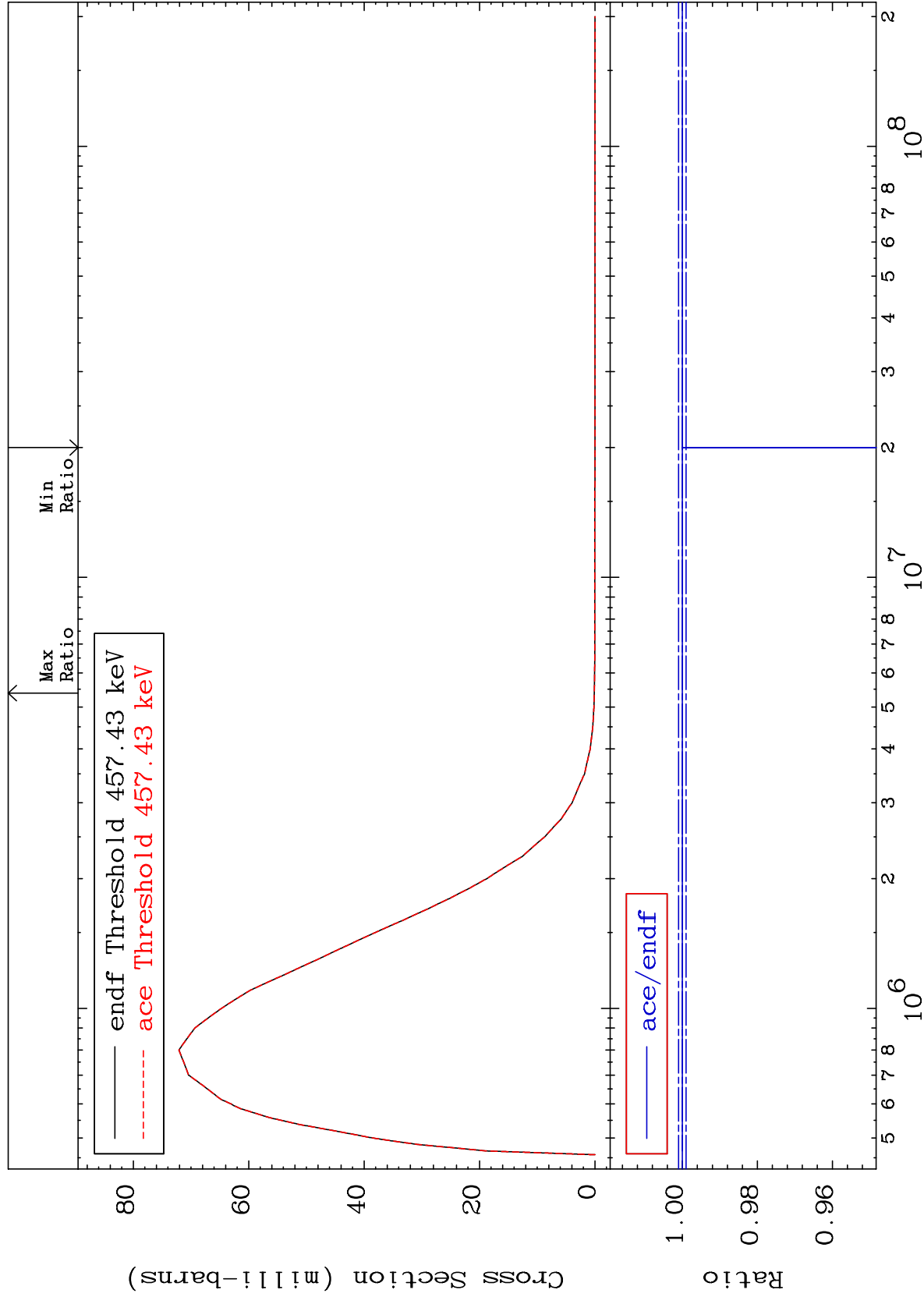
36

64-Gd-155

MAT 6434

454.5 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



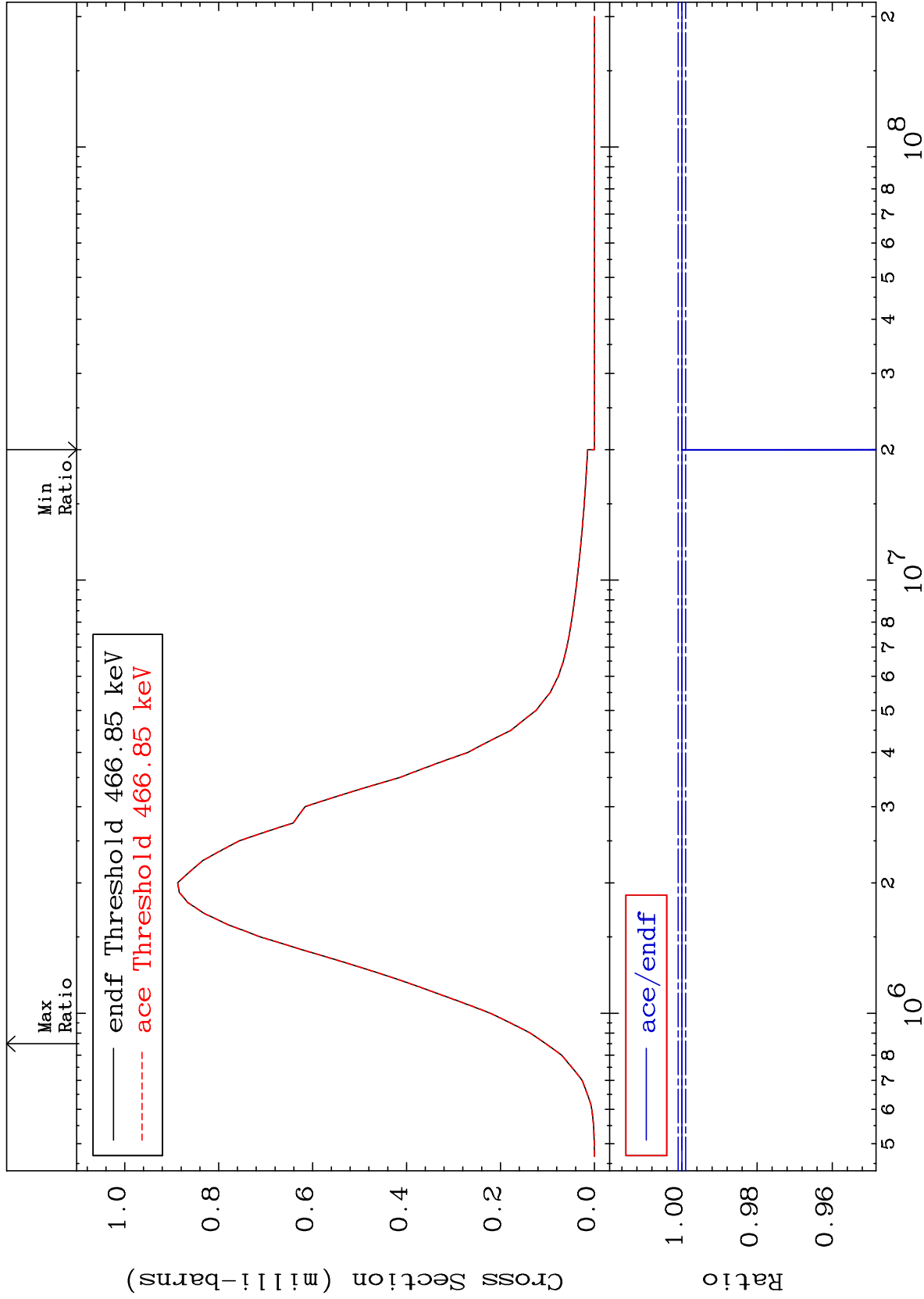
37

64-Gd-155

MAT 6434

463.8 keV (n,n') Level
Cross Section

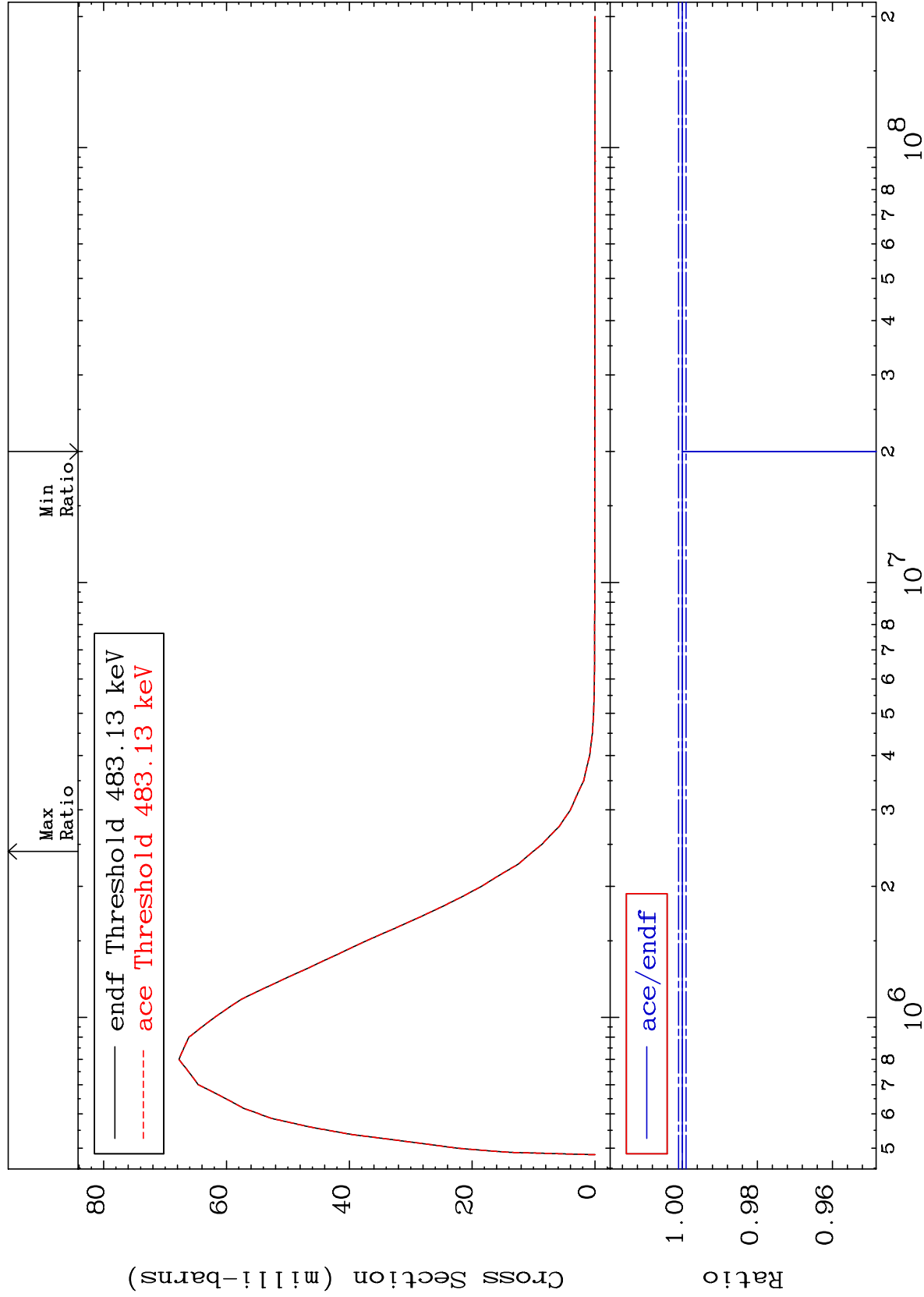
64-Gd-155
-100.0 To 0.000 %



MAT 6434

480.0 keV (n,n') Level
Cross Section

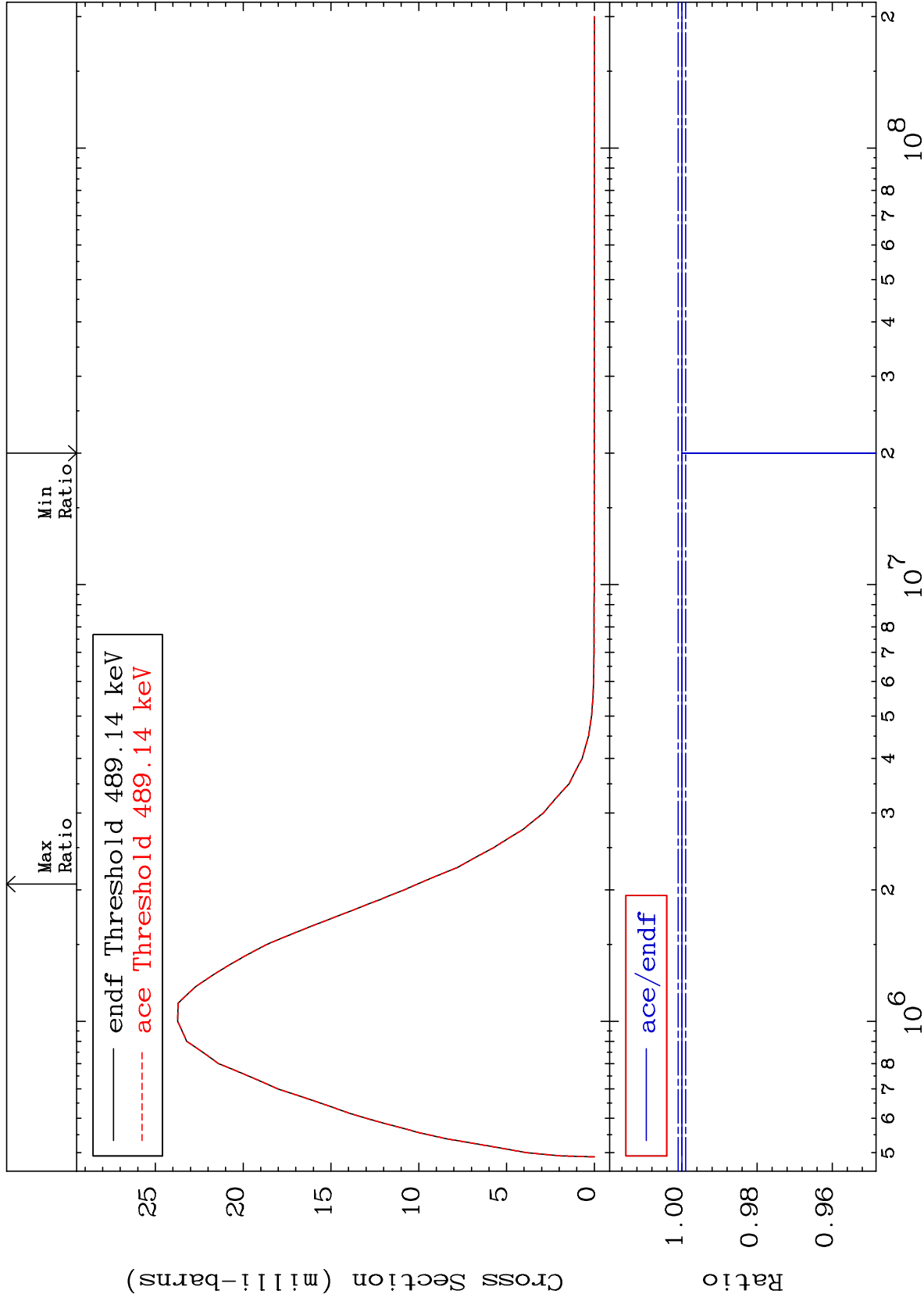
64-Gd-155
-100.0 To 0.000 %



MAT 6434

486.0 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



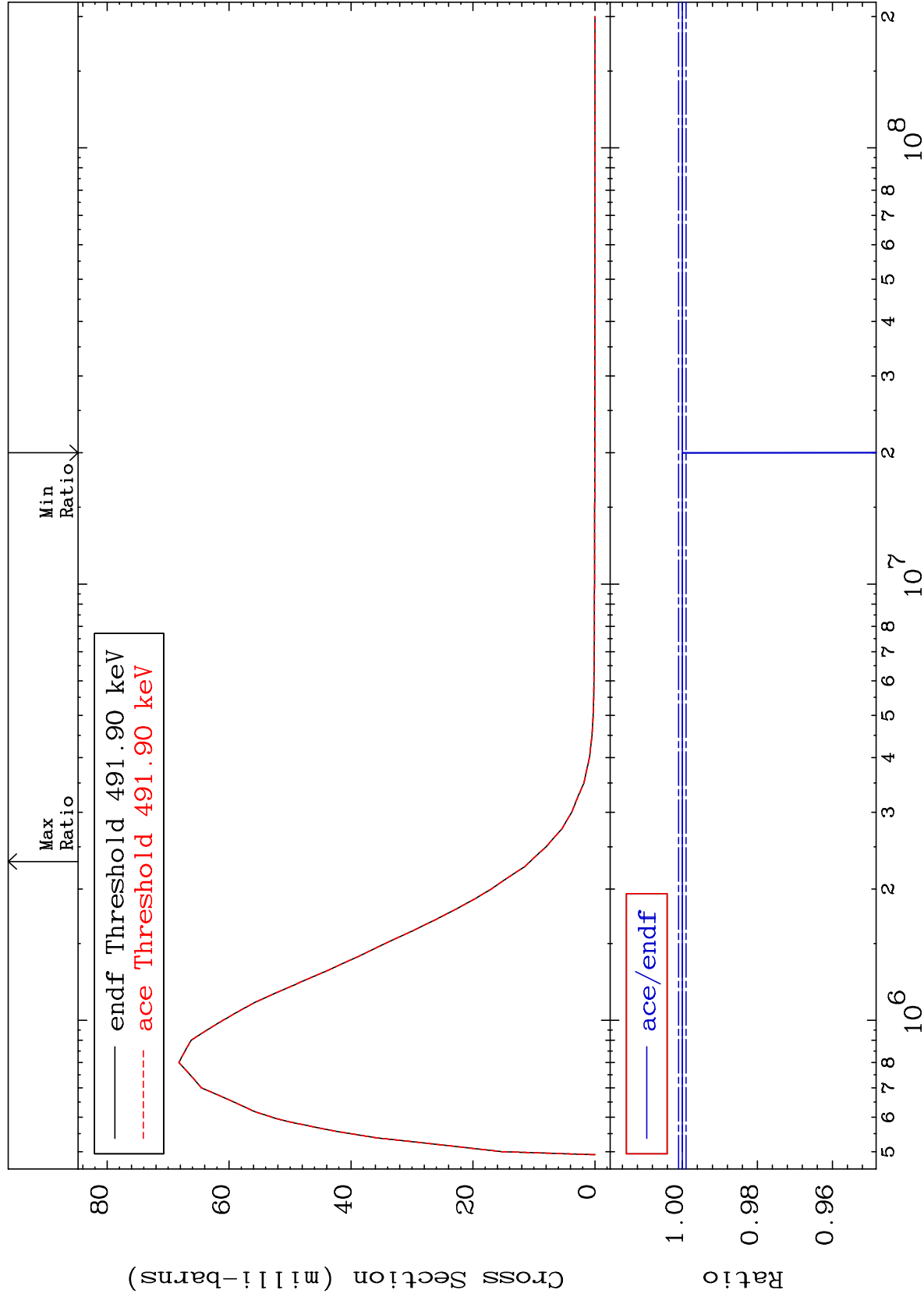
40

64-Gd-155

MAT 6434

488.7 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



41

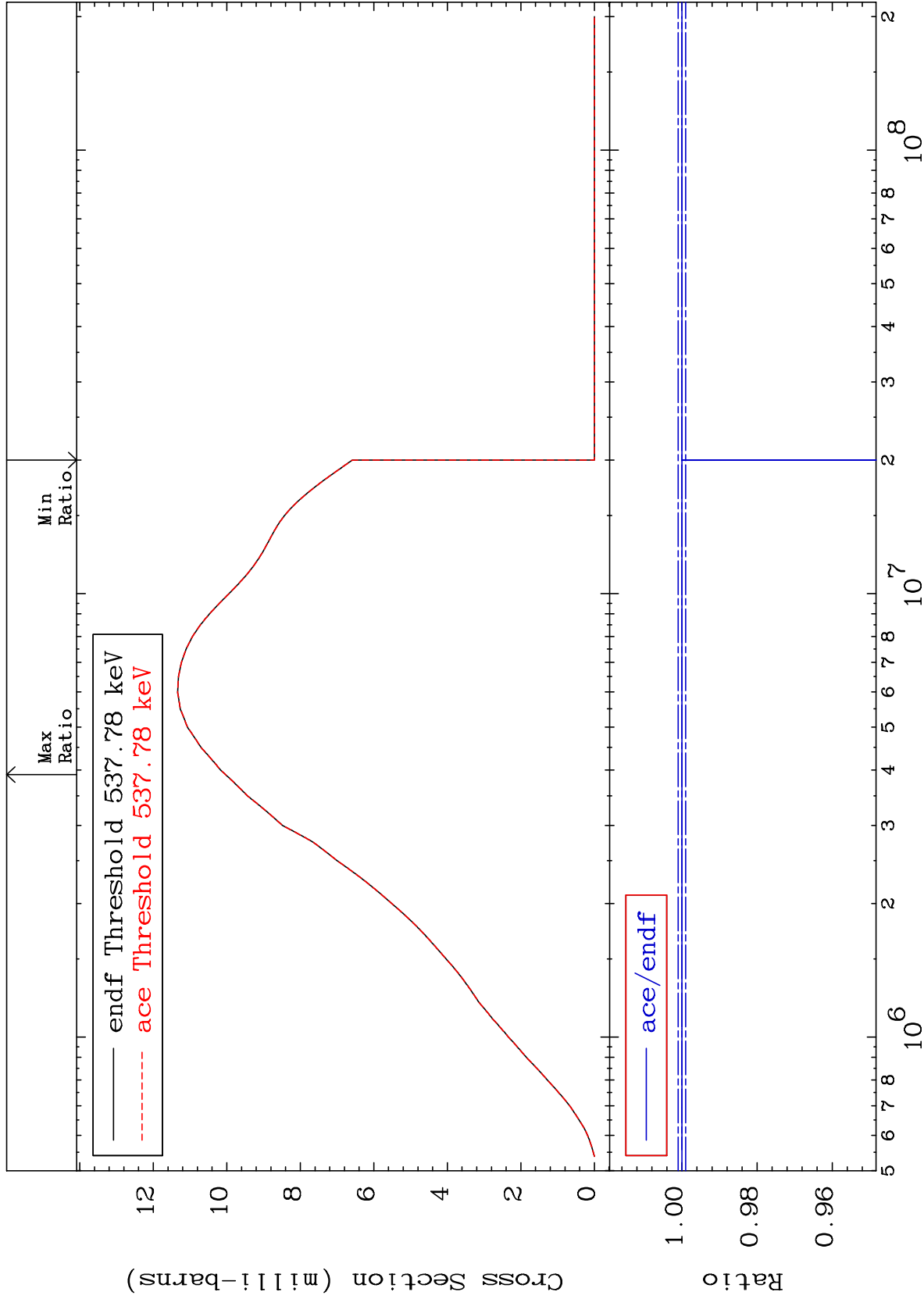
Incident Energy (eV)

64-Gd-155

MAT 6434

534.3 keV (n,n') Level
Cross Section

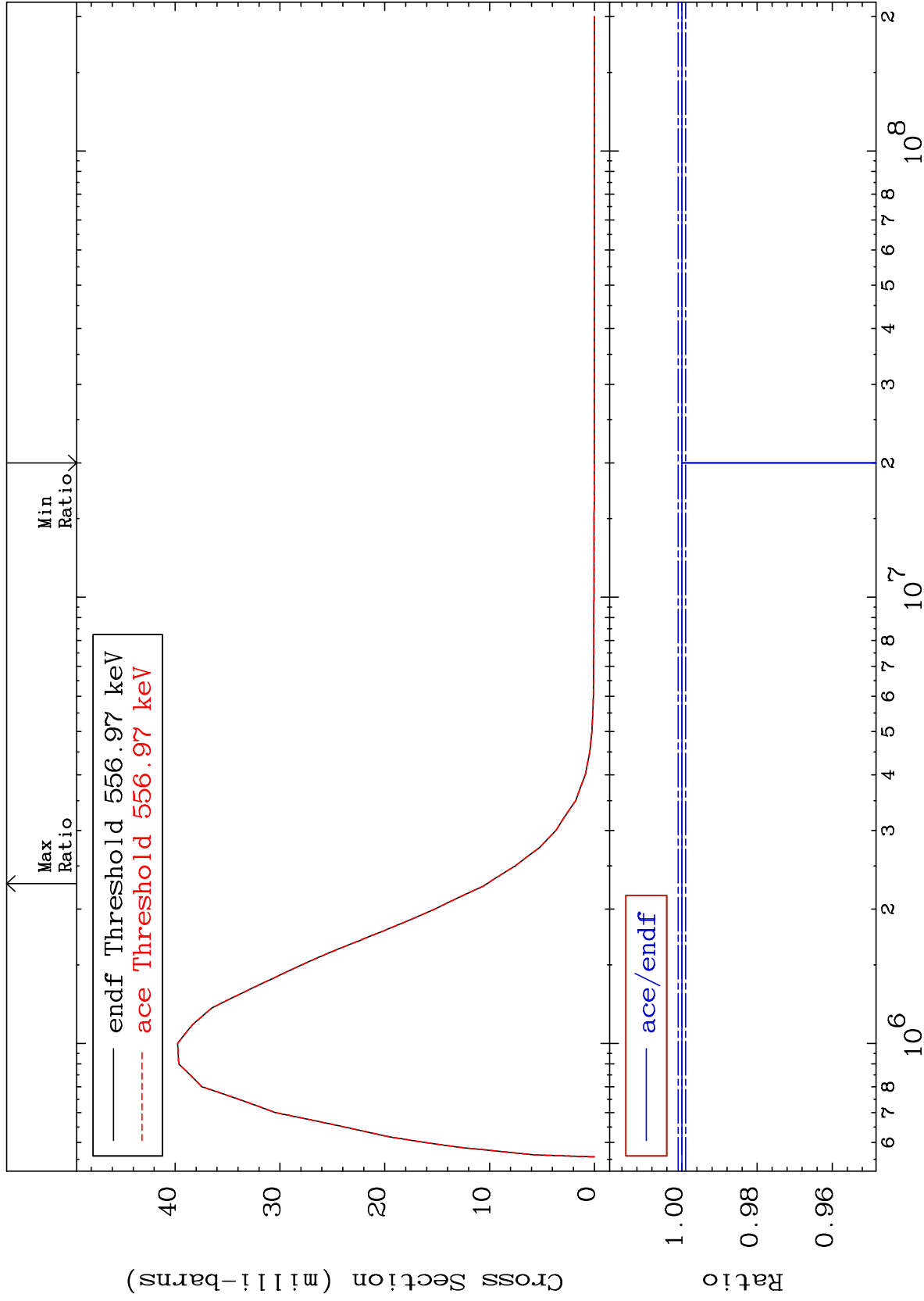
64-Gd-155
-100.0 To 0.000 %



MAT 6434

553.4 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



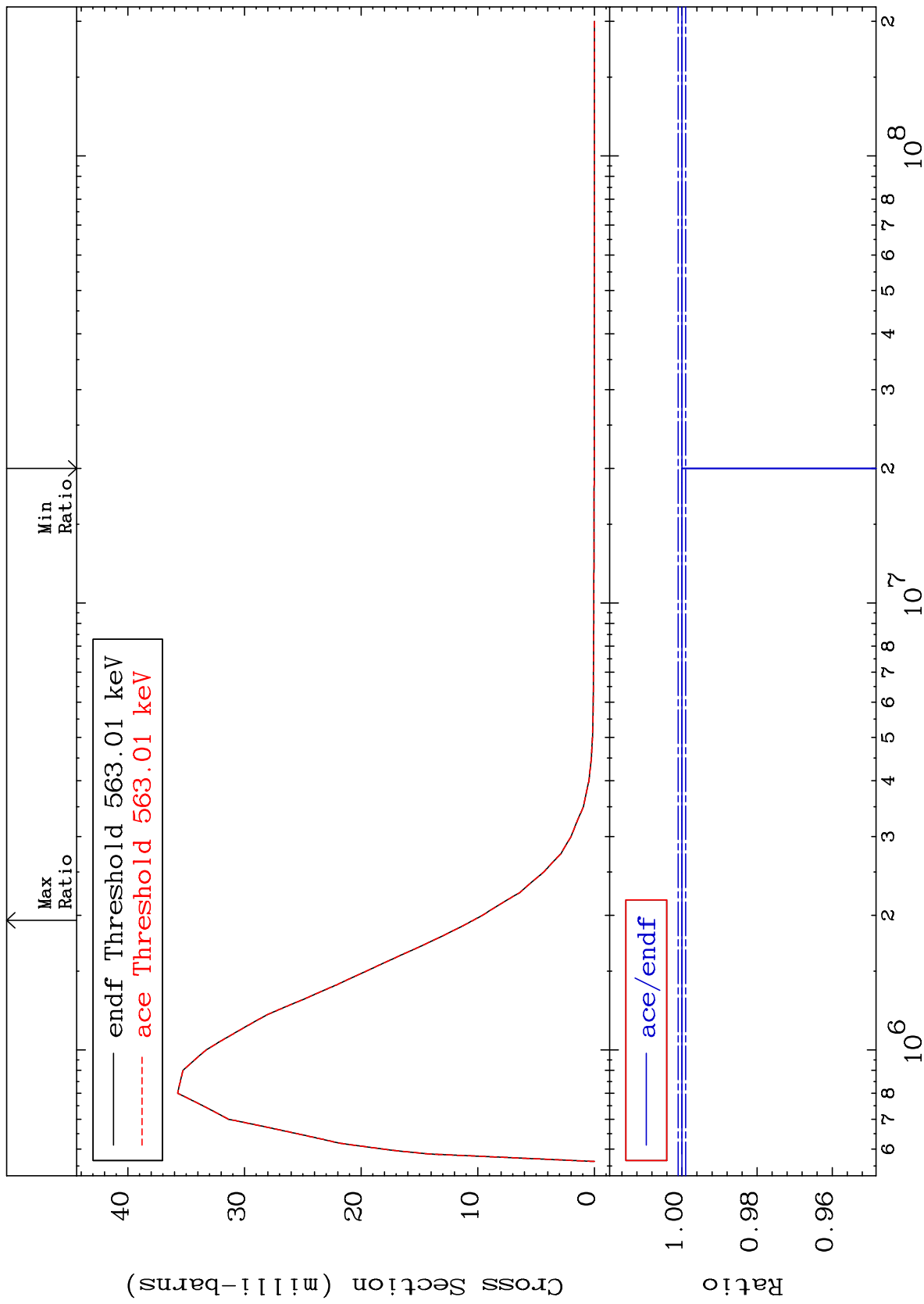
43

64-Gd-155

MAT 6434

559.4 keV (n,n') Level
Cross Section

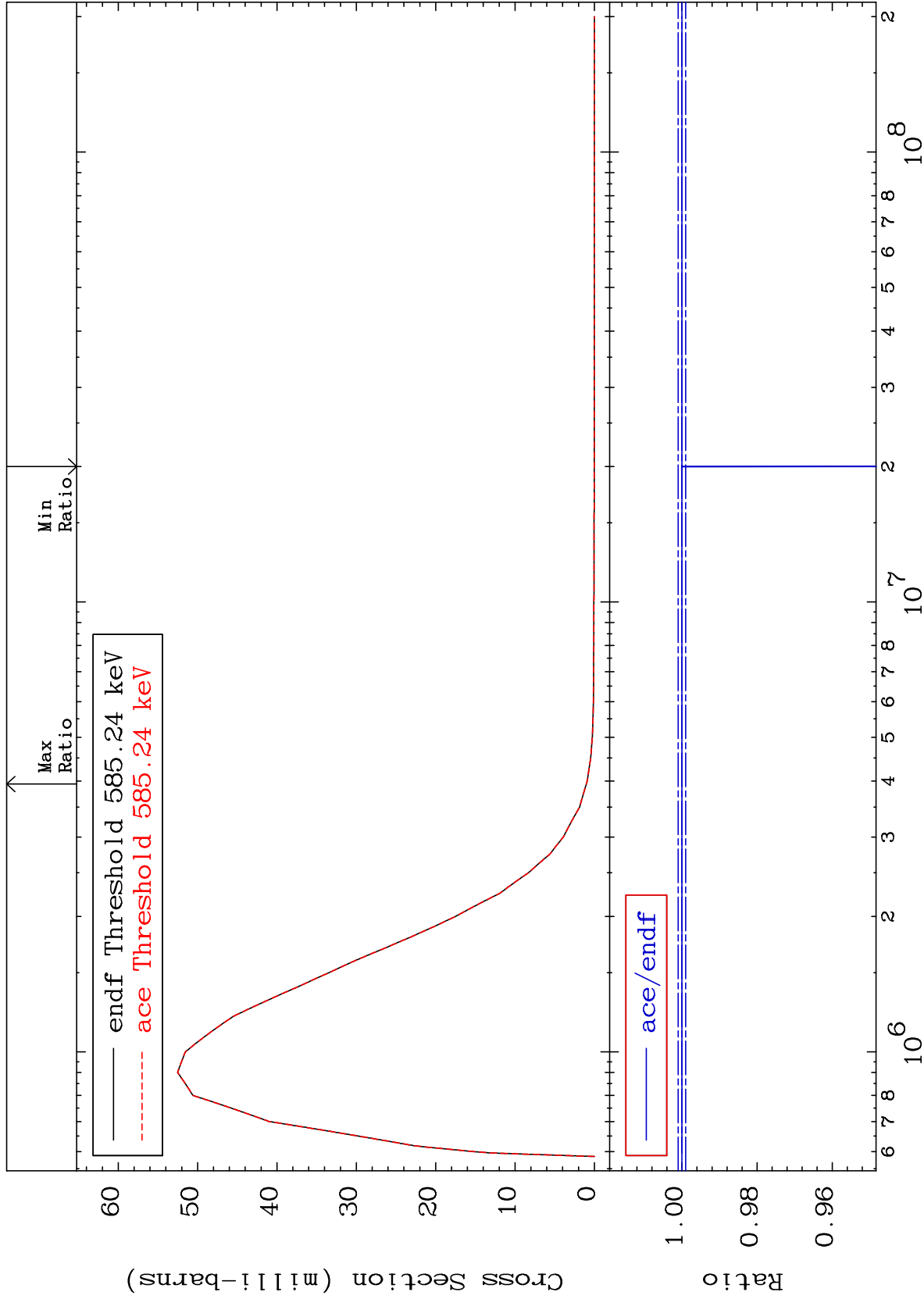
64-Gd-155
-100.0 To 0.000 %



MAT 6434

581.5 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



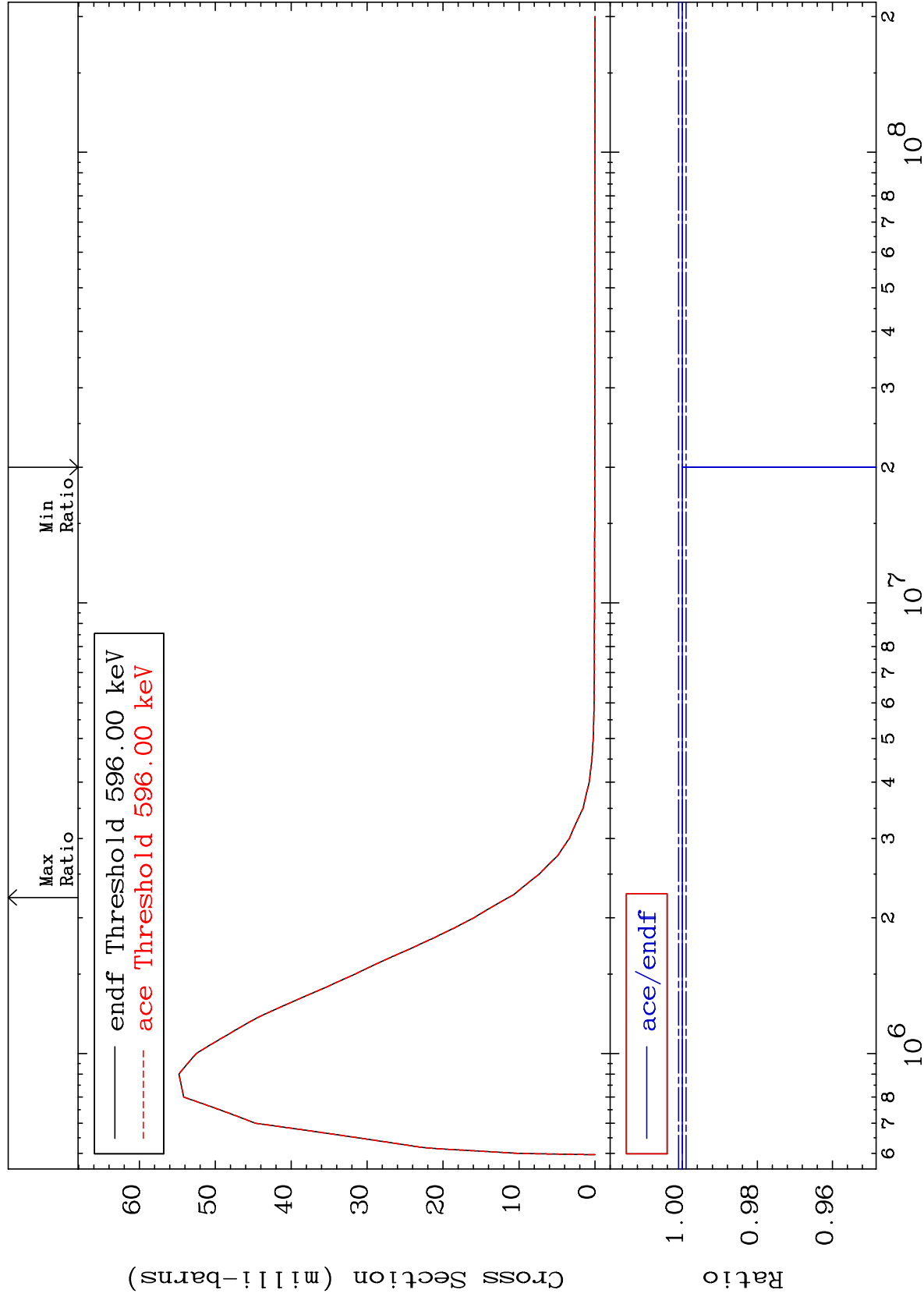
45

64-Gd-155

MAT 6434

592.1 keV (n,n') Level
Cross Section

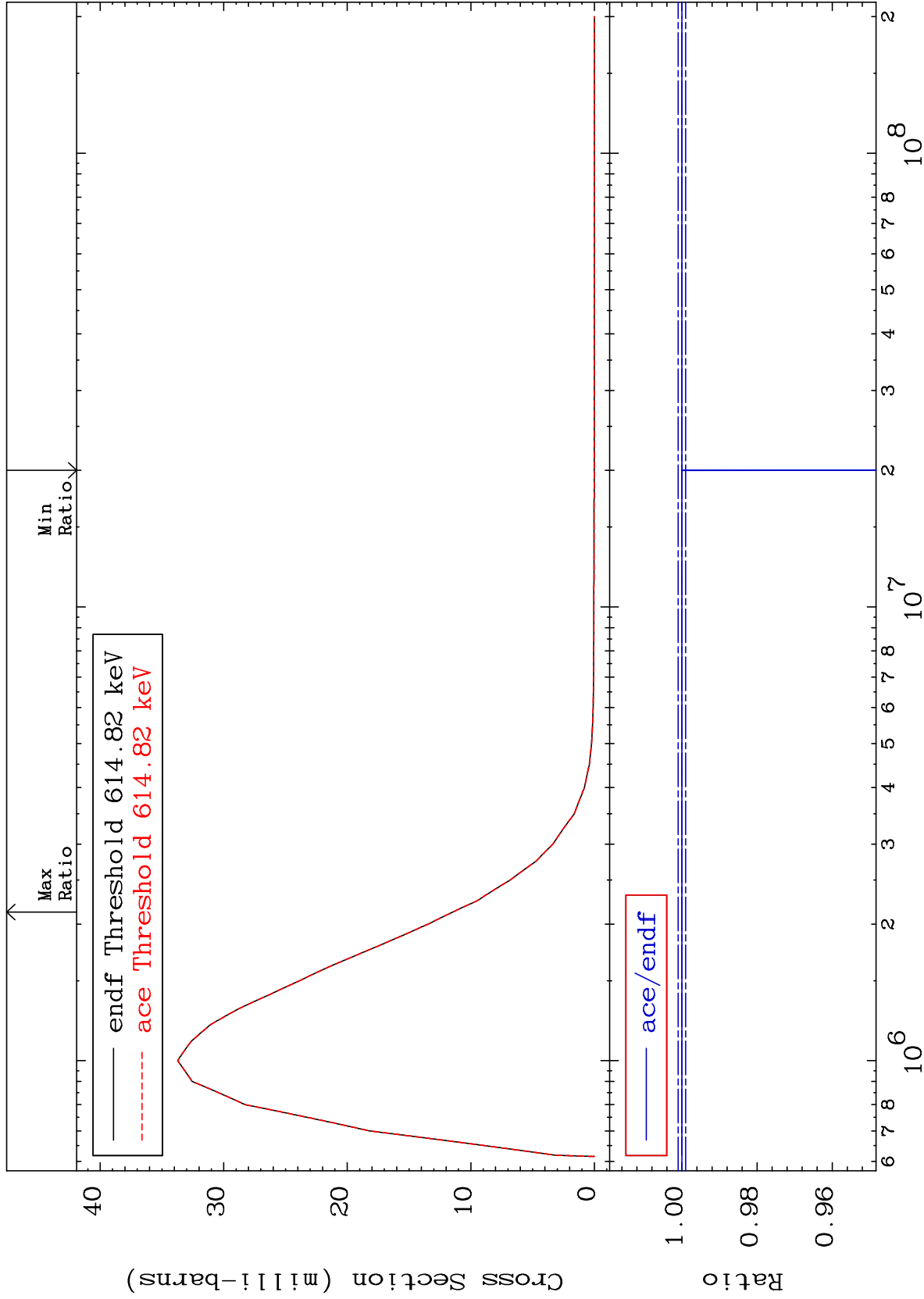
64-Gd-155
-100.0 To 0.000 %



46

64-Gd-155

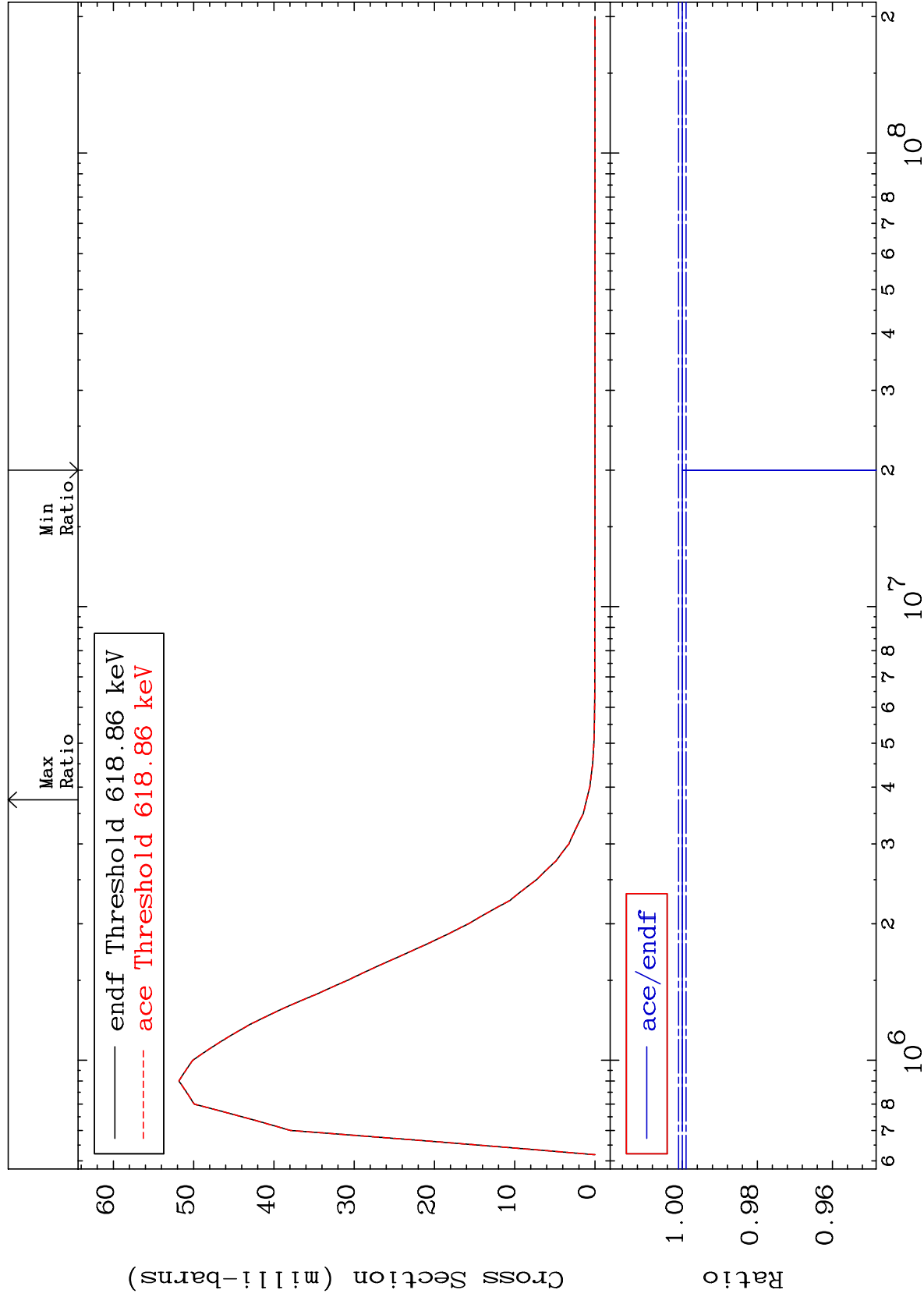
MAT 6434 610.8 keV (n,n') Level 64-Gd-155
 Cross Section -100.0 To 0.000 %



MAT 6434

614.9 keV (n,n') Level
Cross Section

64-Gd-155
-100.0 To 0.000 %



48

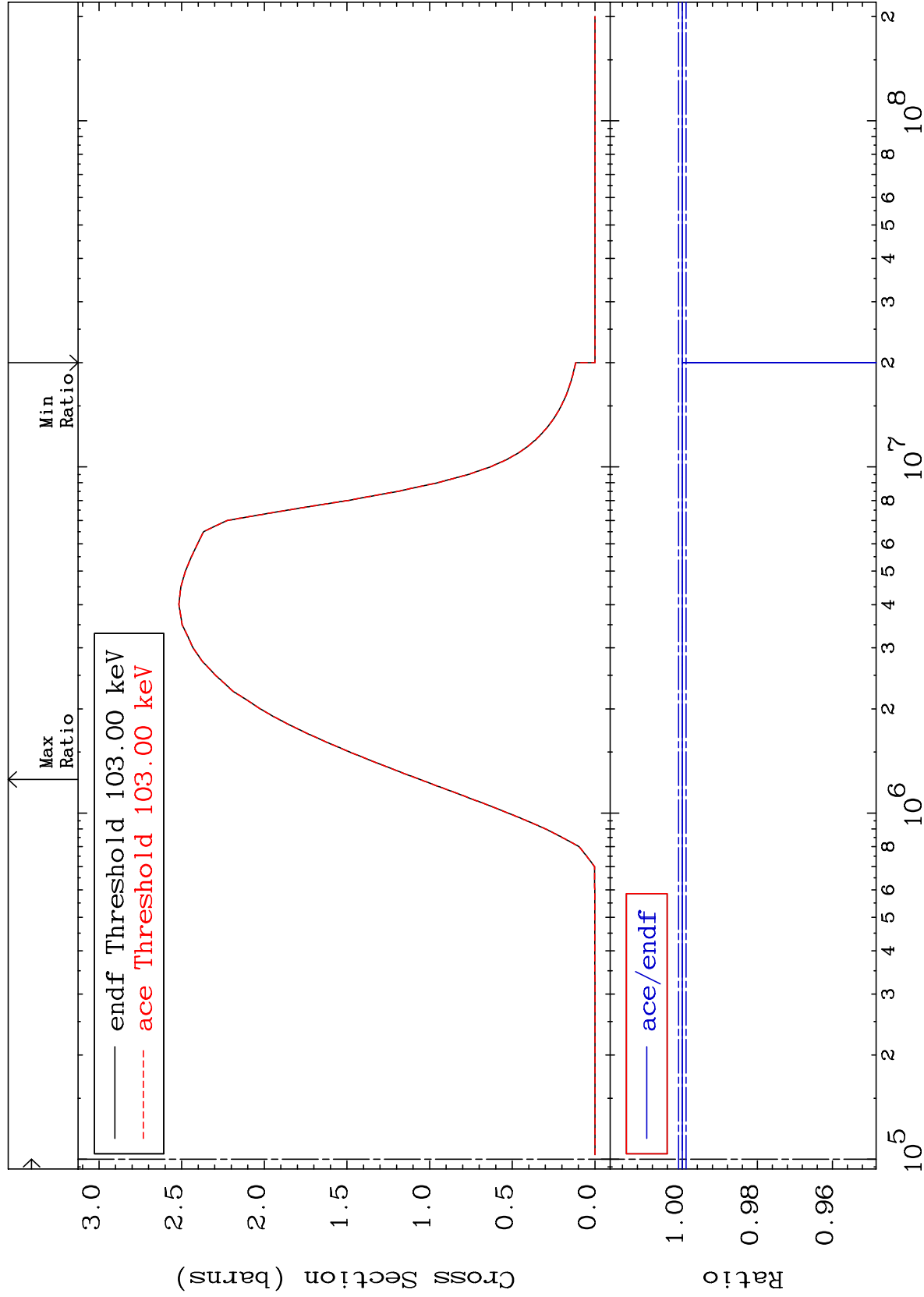
Incident Energy (eV)

64-Gd-155

MAT 6434

(n, n') Continuum
Cross Section

64-Gd-155
-100.0 To 0.000 %

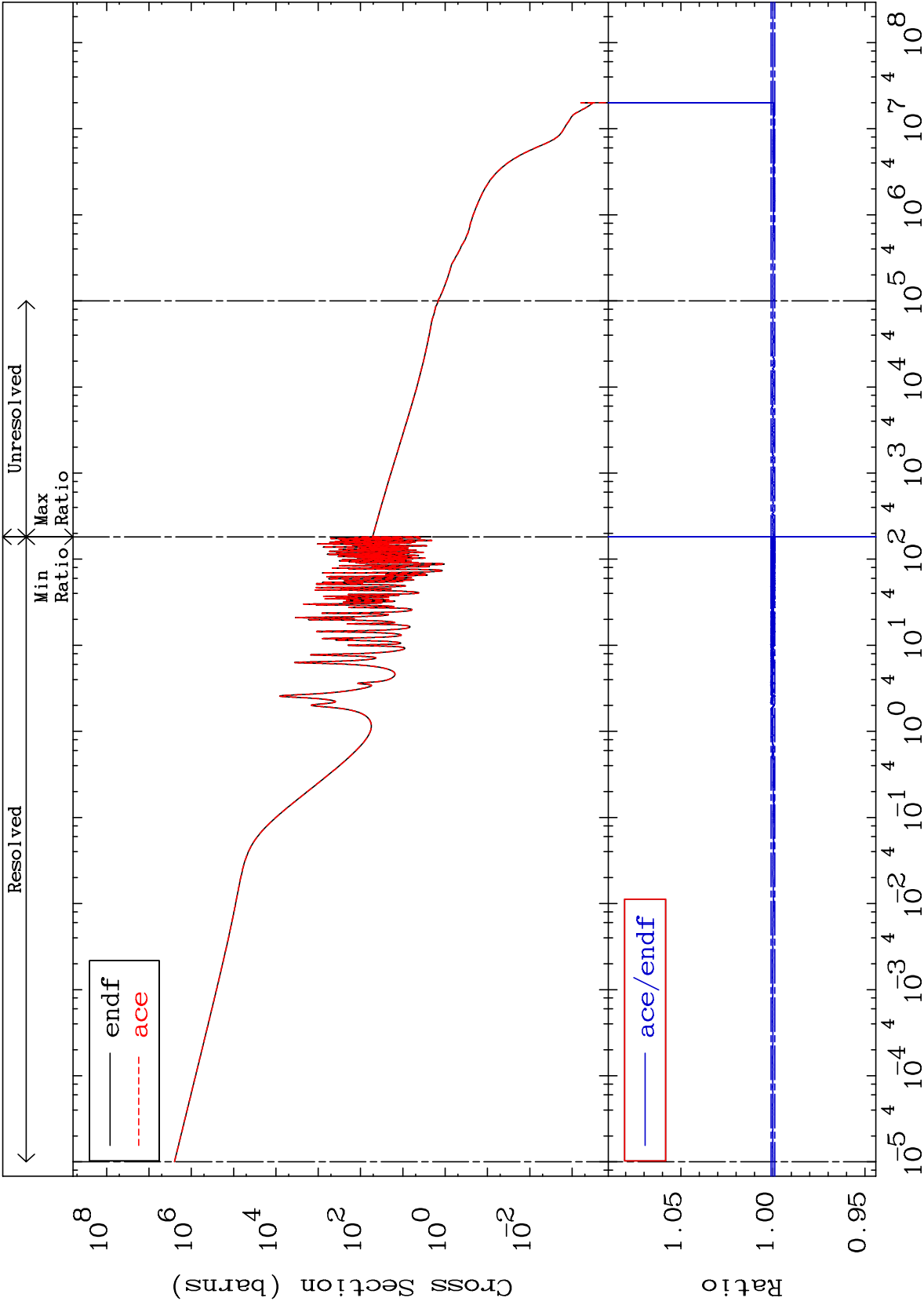


49

64-Gd-155

MAT 6434

(n, γ)
Cross Section
64-Gd-155
-15.95 To 1912. %



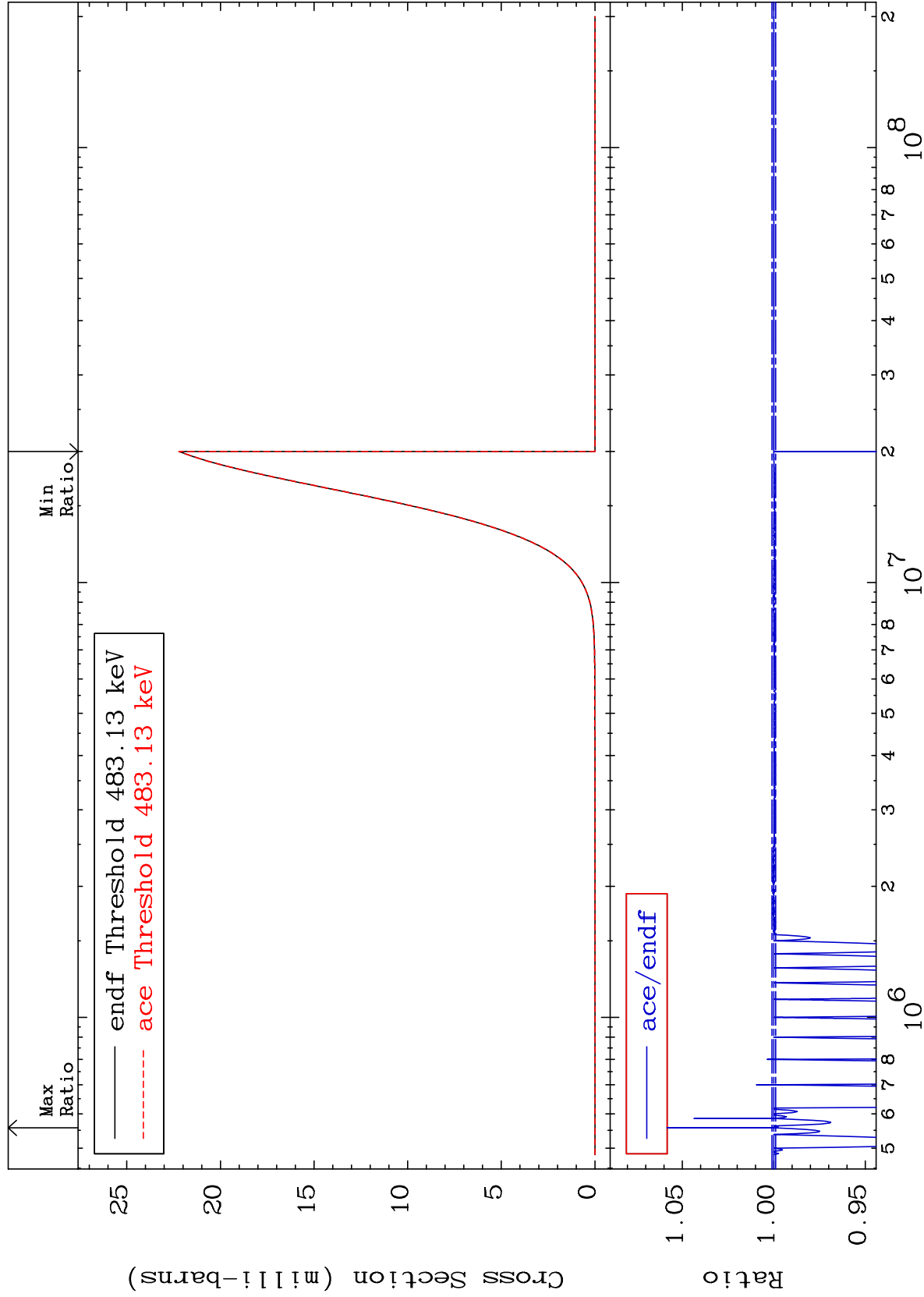
MAT 6434

(n,p)

64-Gd-155

Cross Section

-100.0 To 6.333 %



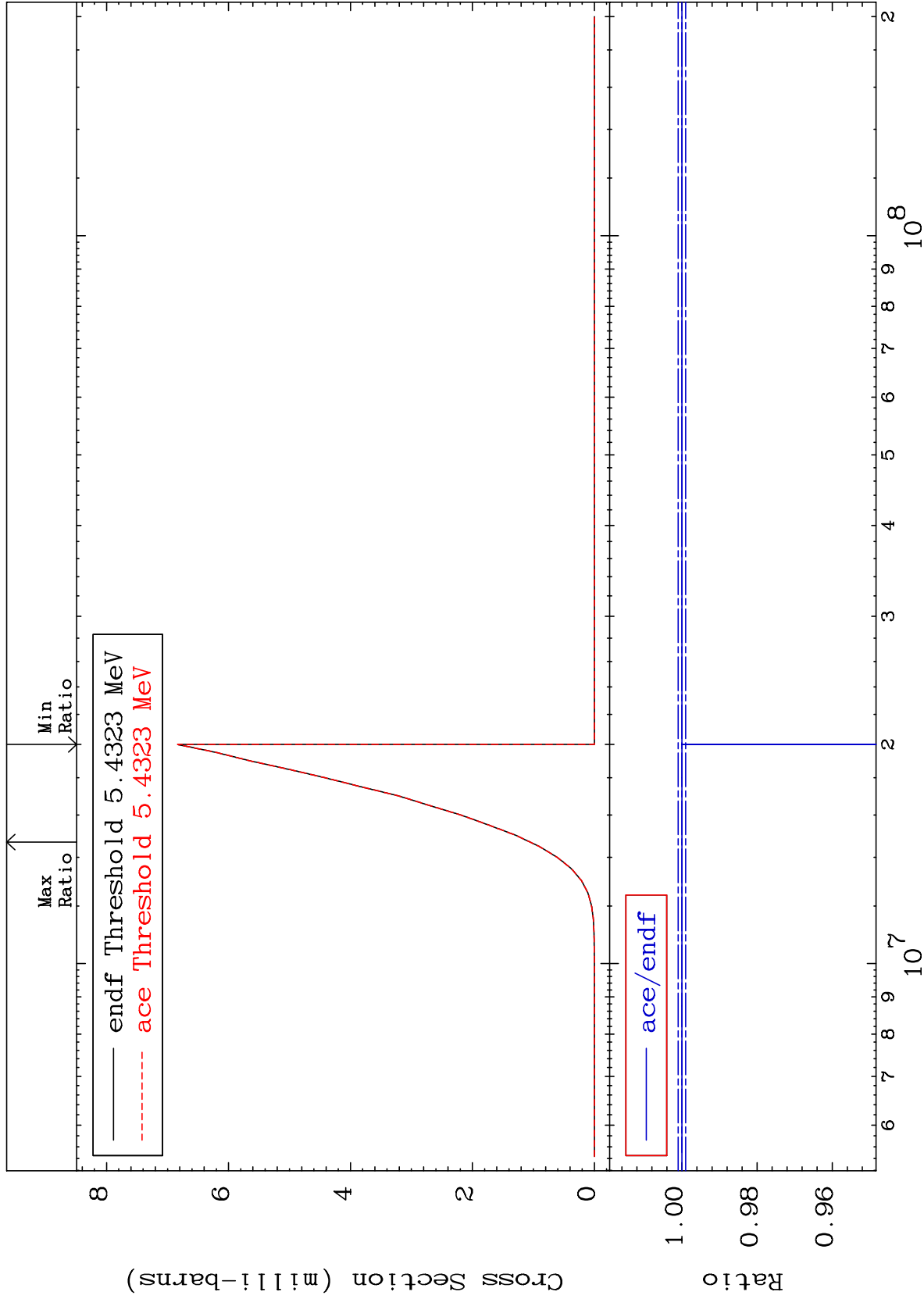
MAT 6434

(n, d)

64-Gd-155

Cross Section

-100.0 To 0.000 %



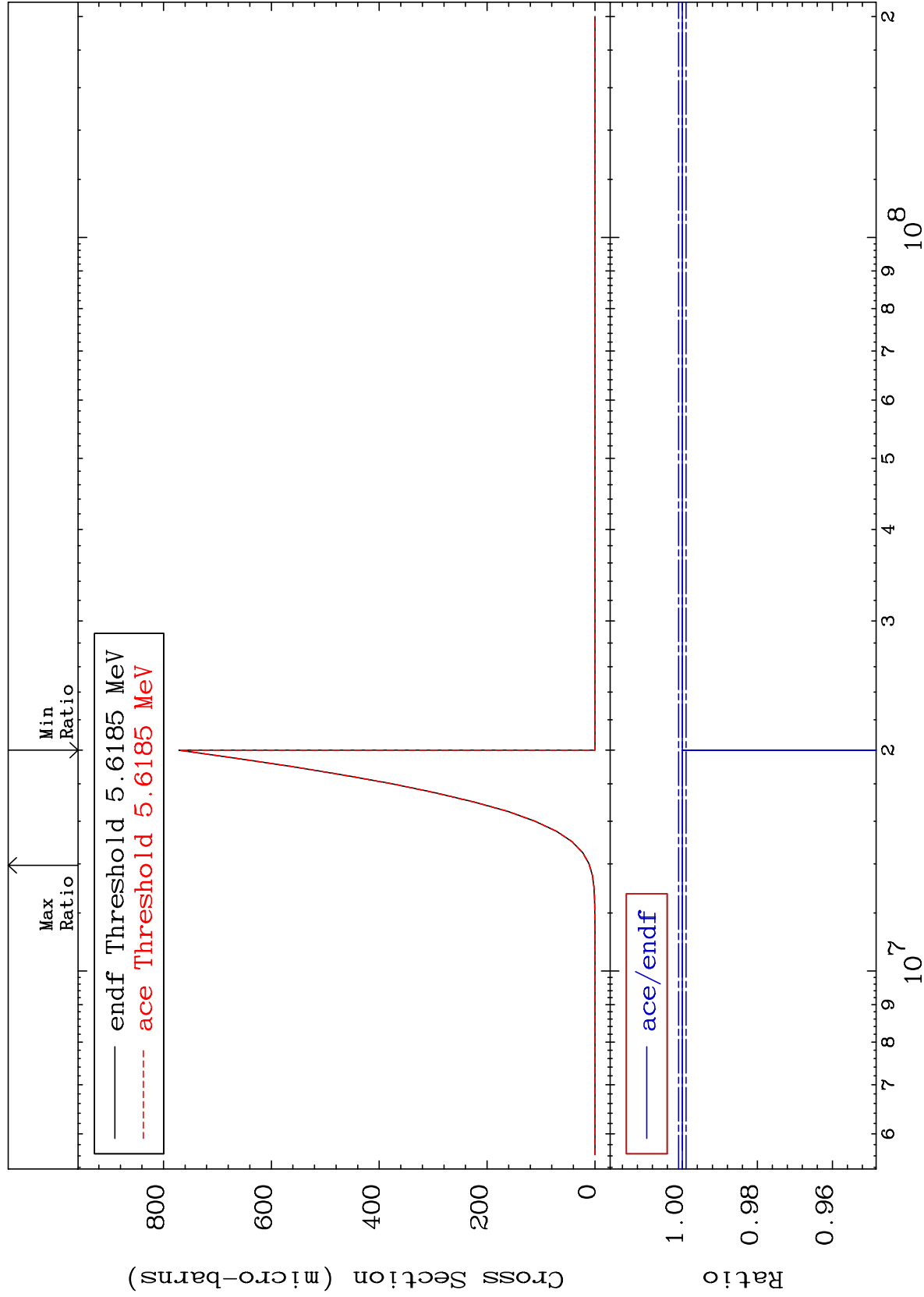
MAT 6434

(n, t)

64-Gd-155

Cross Section

-100.0 To 0.000 %



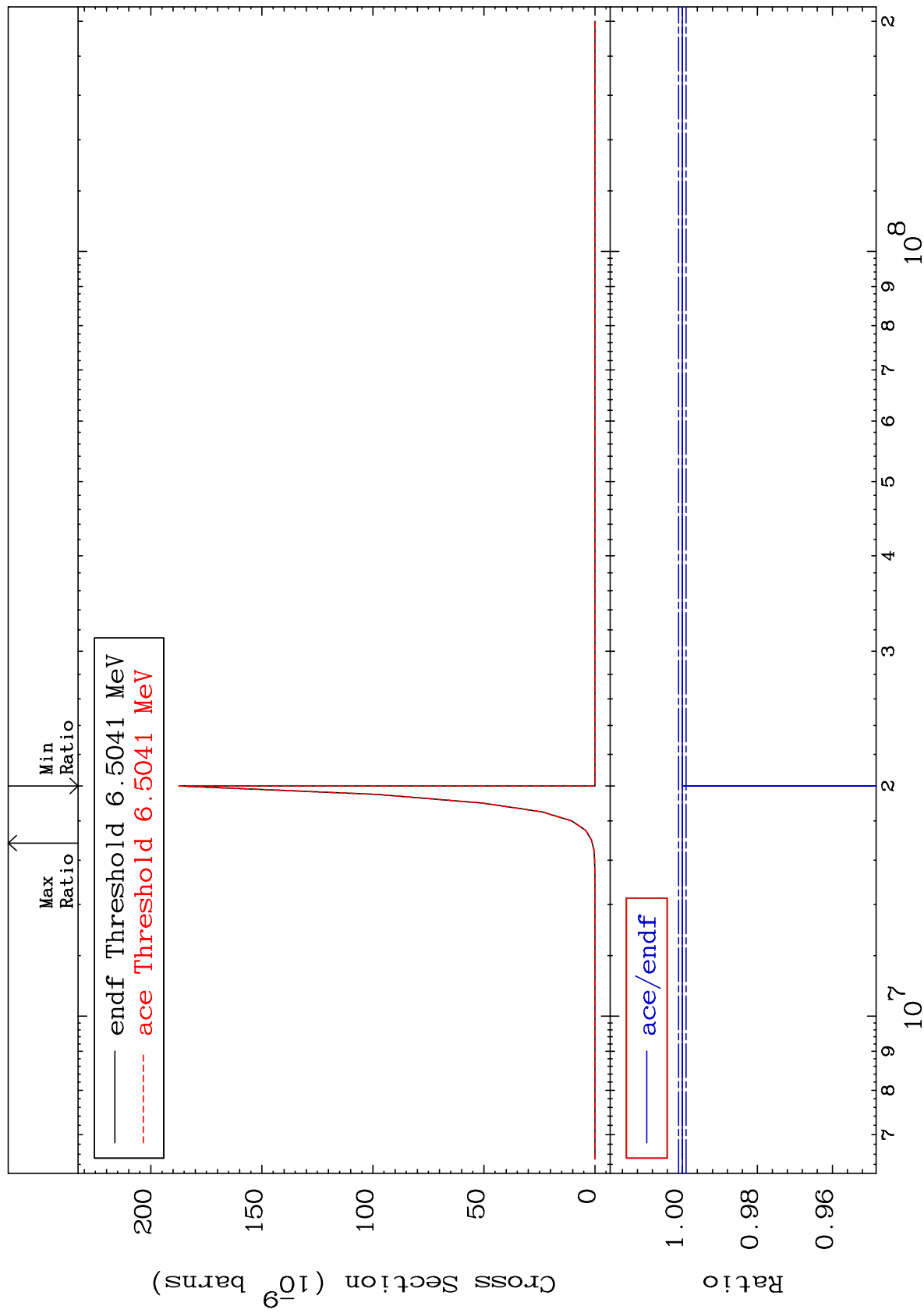
MAT 6434

(n, He-3)

64-Gd-155

Cross Section

-100.0 To 0.000 %



54

Incident Energy (eV)

64-Gd-155

MAT 6434

(n, α)
Cross Section
-100.0 To 44.08 %

64-Gd-155

