

Program Complot
(Version 2015-2)

by

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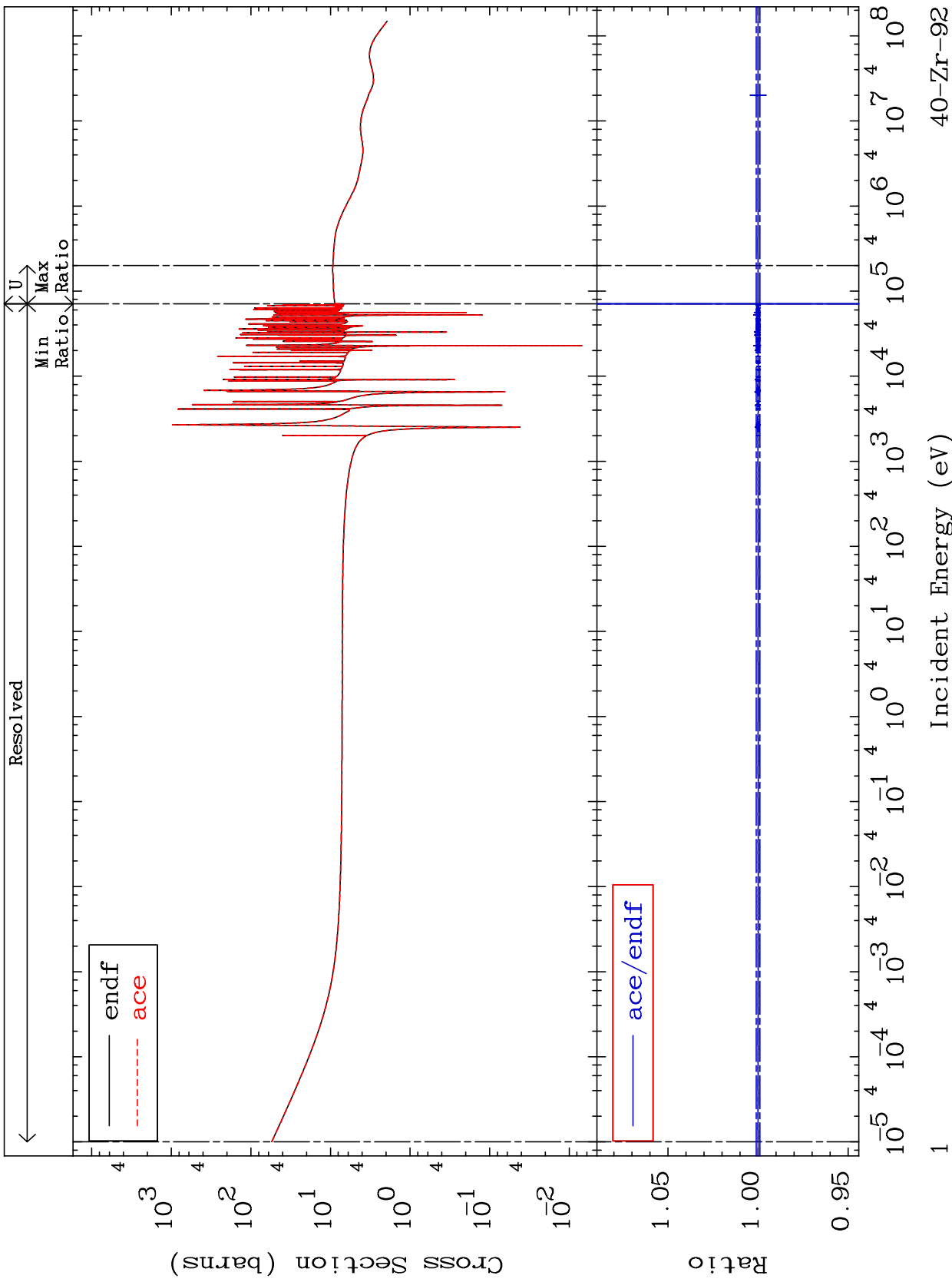
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4031

Total
Cross Section

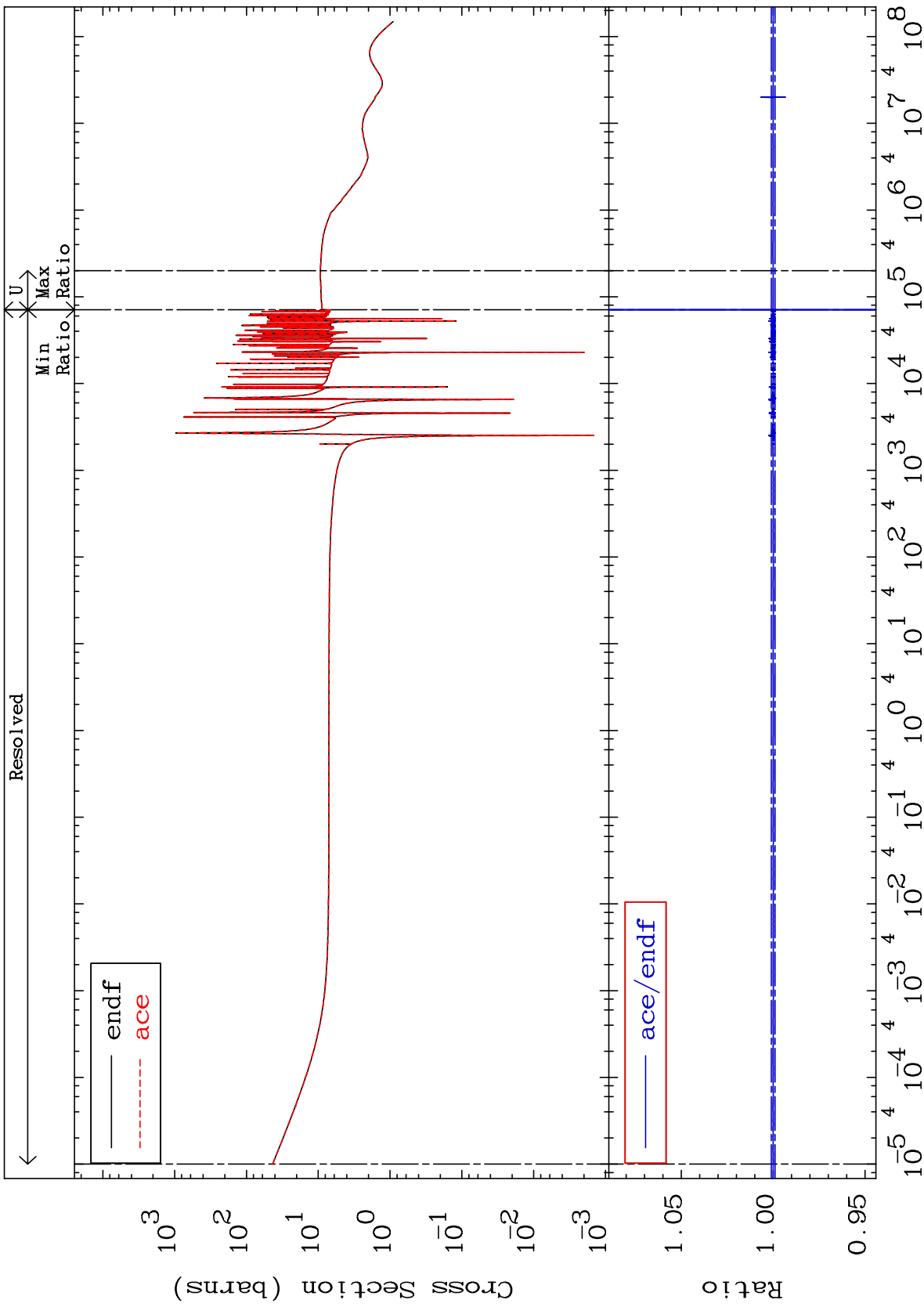
40-Zr-92
-5.823 To 22.73 %



MAT 4031

Elastic
Cross Section

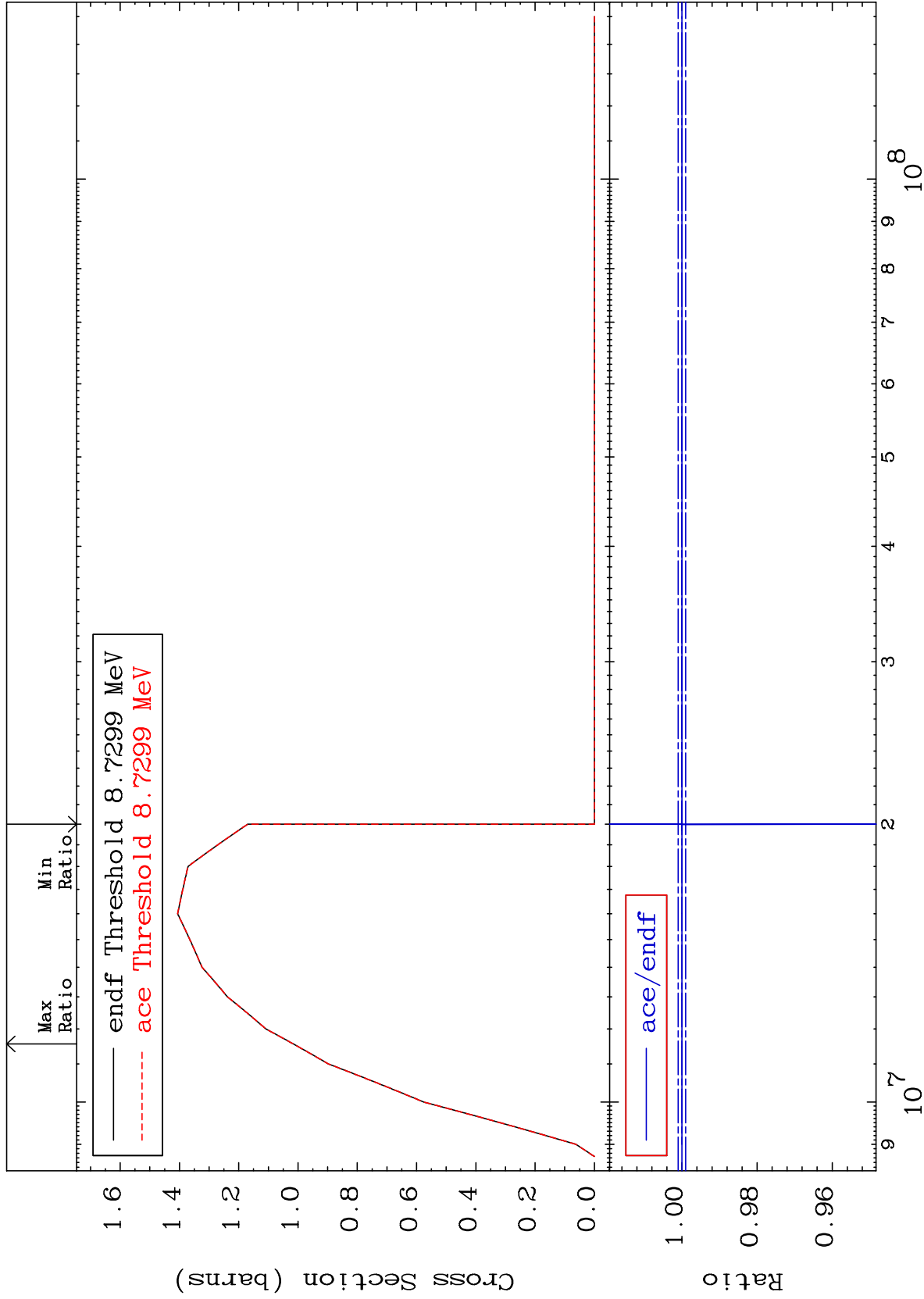
40-Zr-92
-5.783 To 22.53 %



MAT 4031

(n, 2n)
Cross Section

40-Zr-92
-50.00 To 0.000 %



3

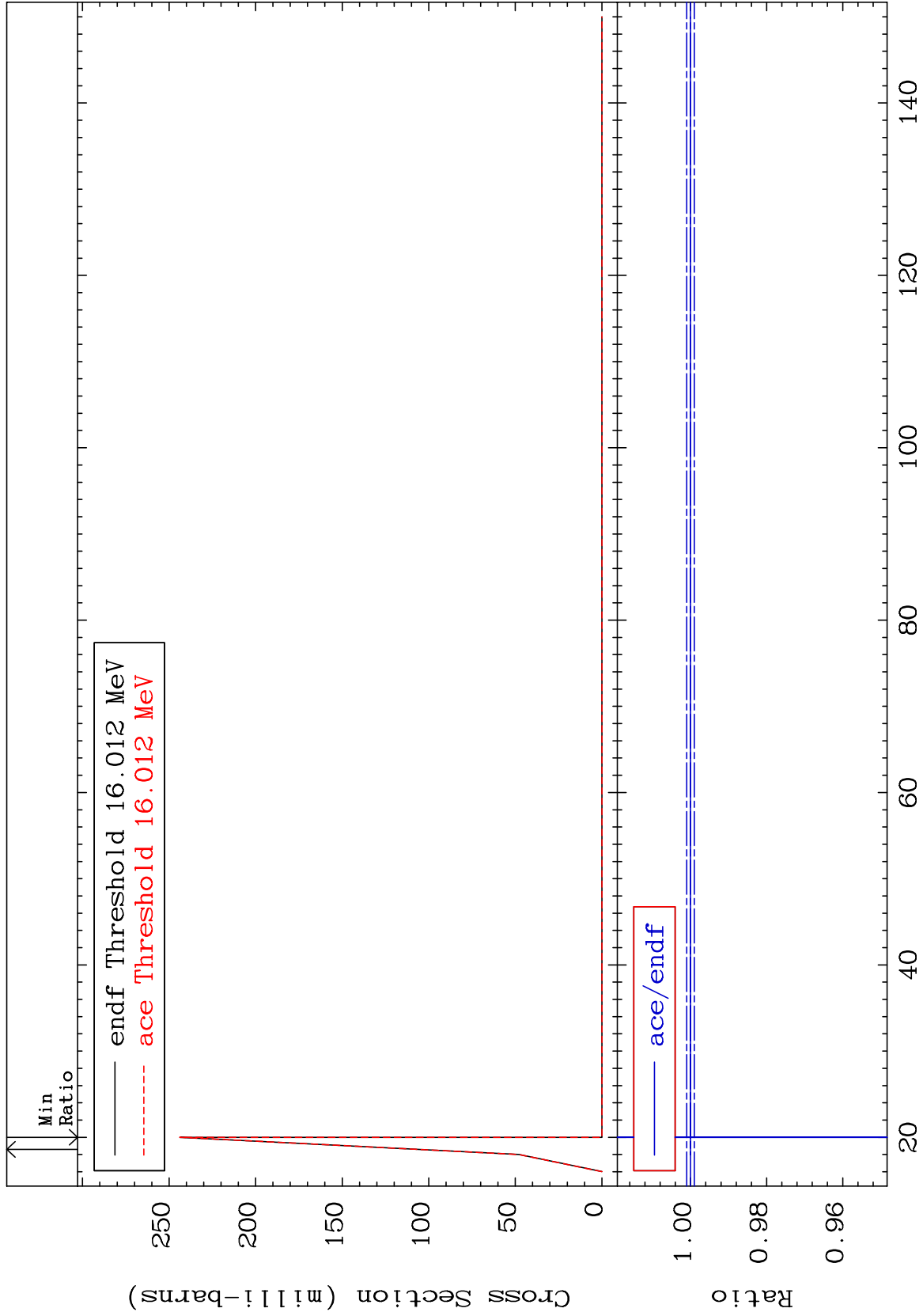
Incident Energy (eV)

40-Zr-92

MAT 4031

(n, 3n)
Cross Section

40-Zr-92
-50.00 To 0.000 %



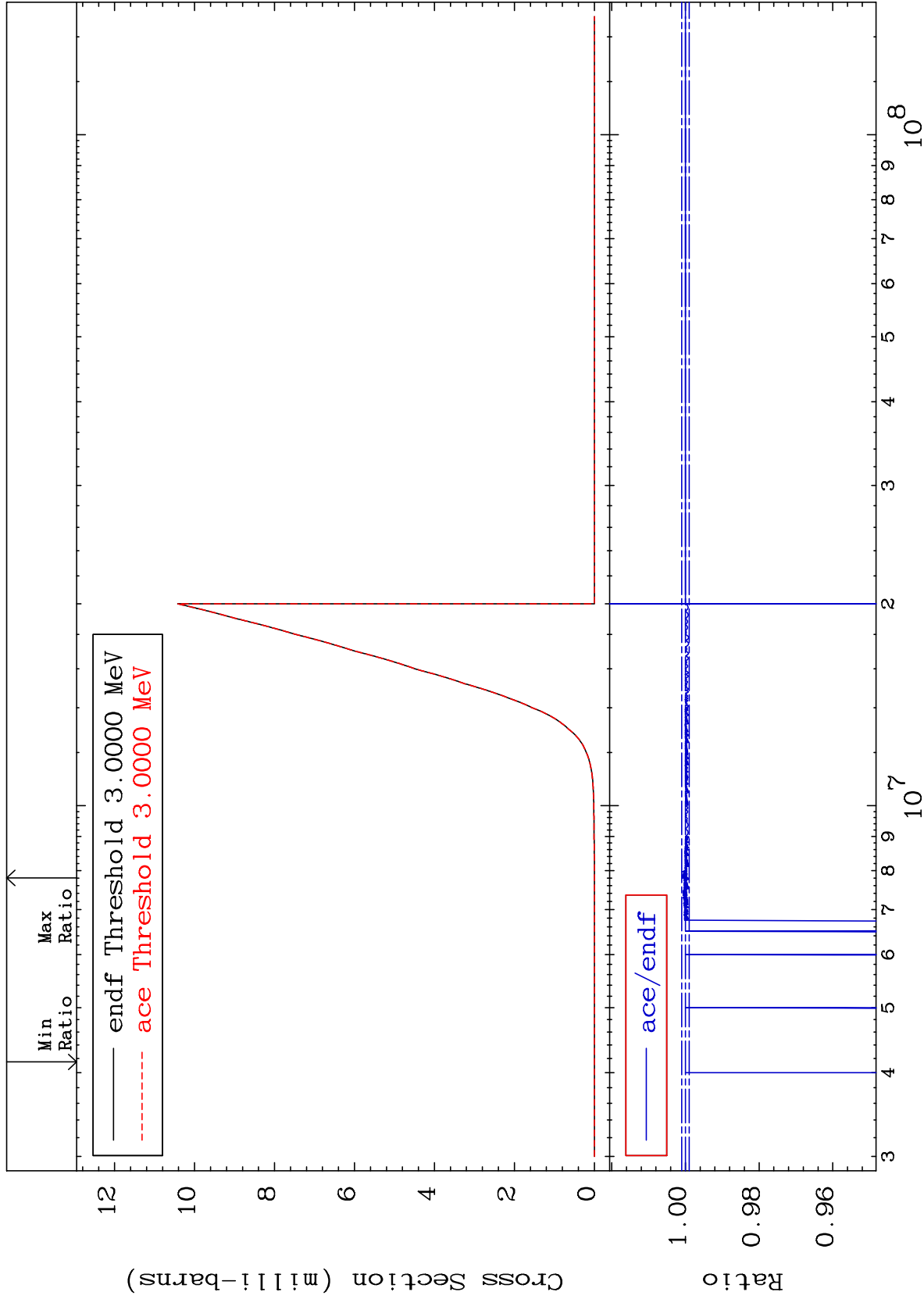
MAT 4031

(n, n') α

40-Zr-92

Cross Section

-97.56 To 0.094 %

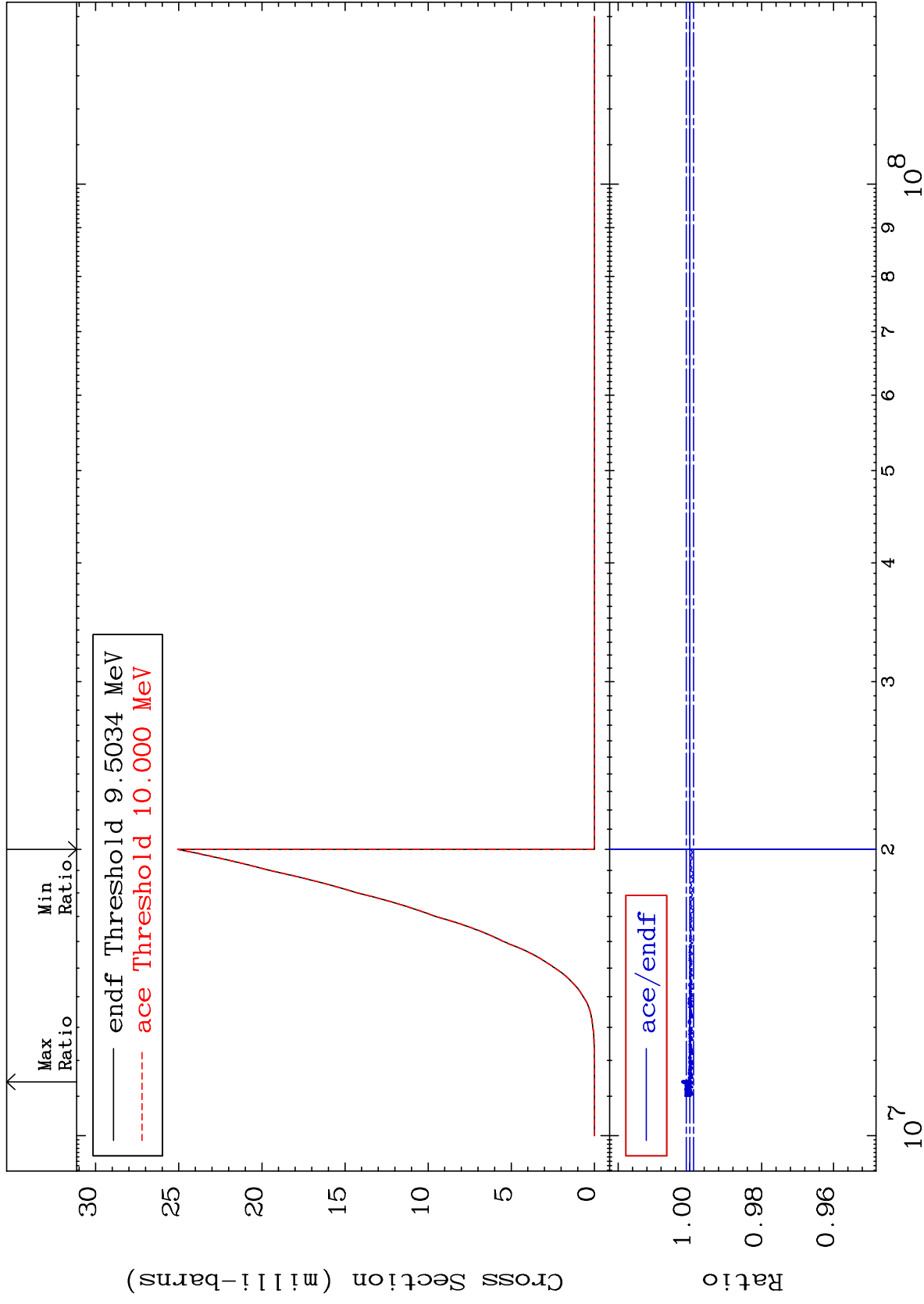


5

Incident Energy (eV)

40-Zr-92

MAT 4031 (n, n') p Cross Section 40-Zr-92 -50.00 To 0.221 %

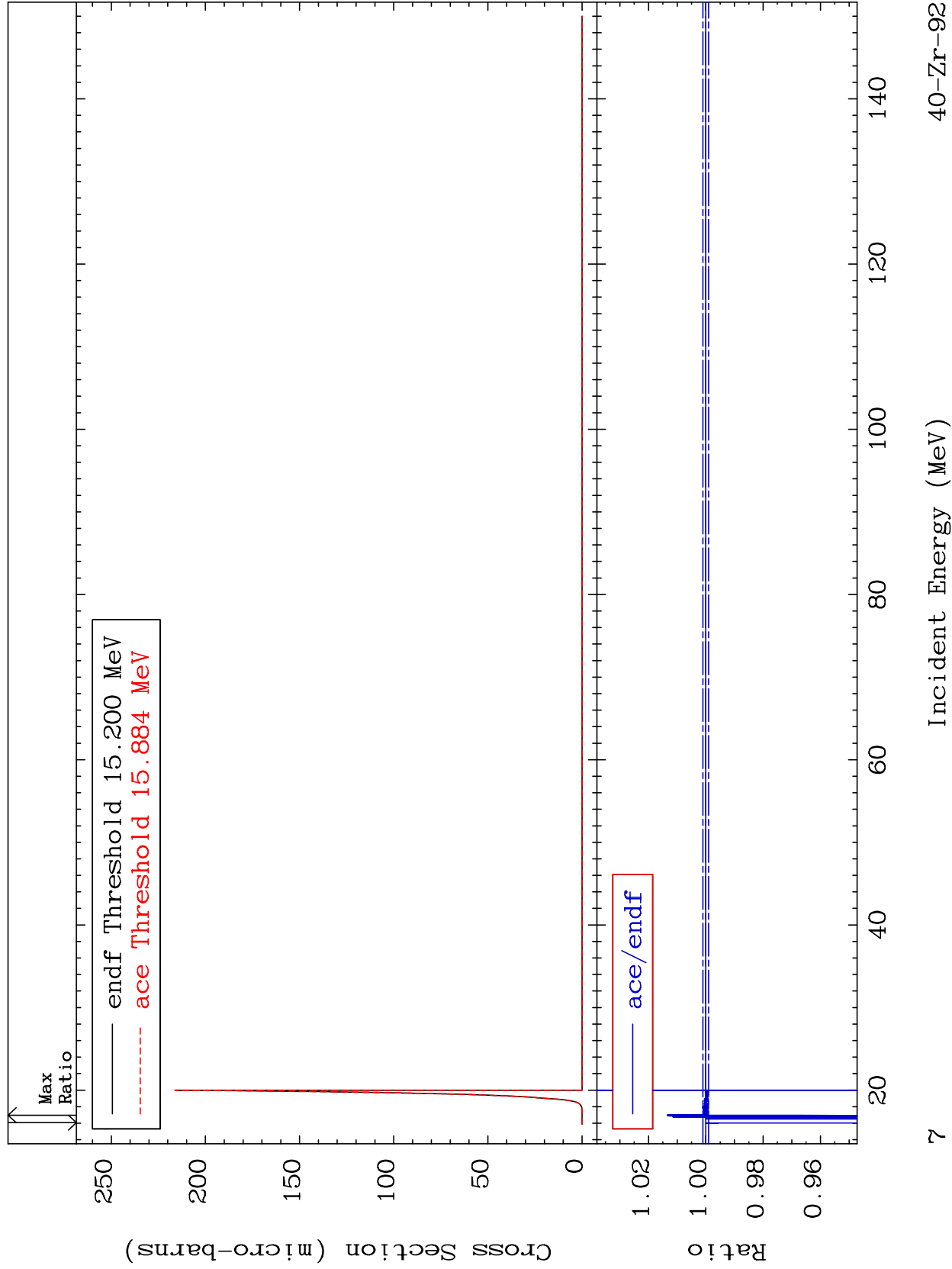


40-Zr-92

MAT 4031

(n, n') d
Cross Section

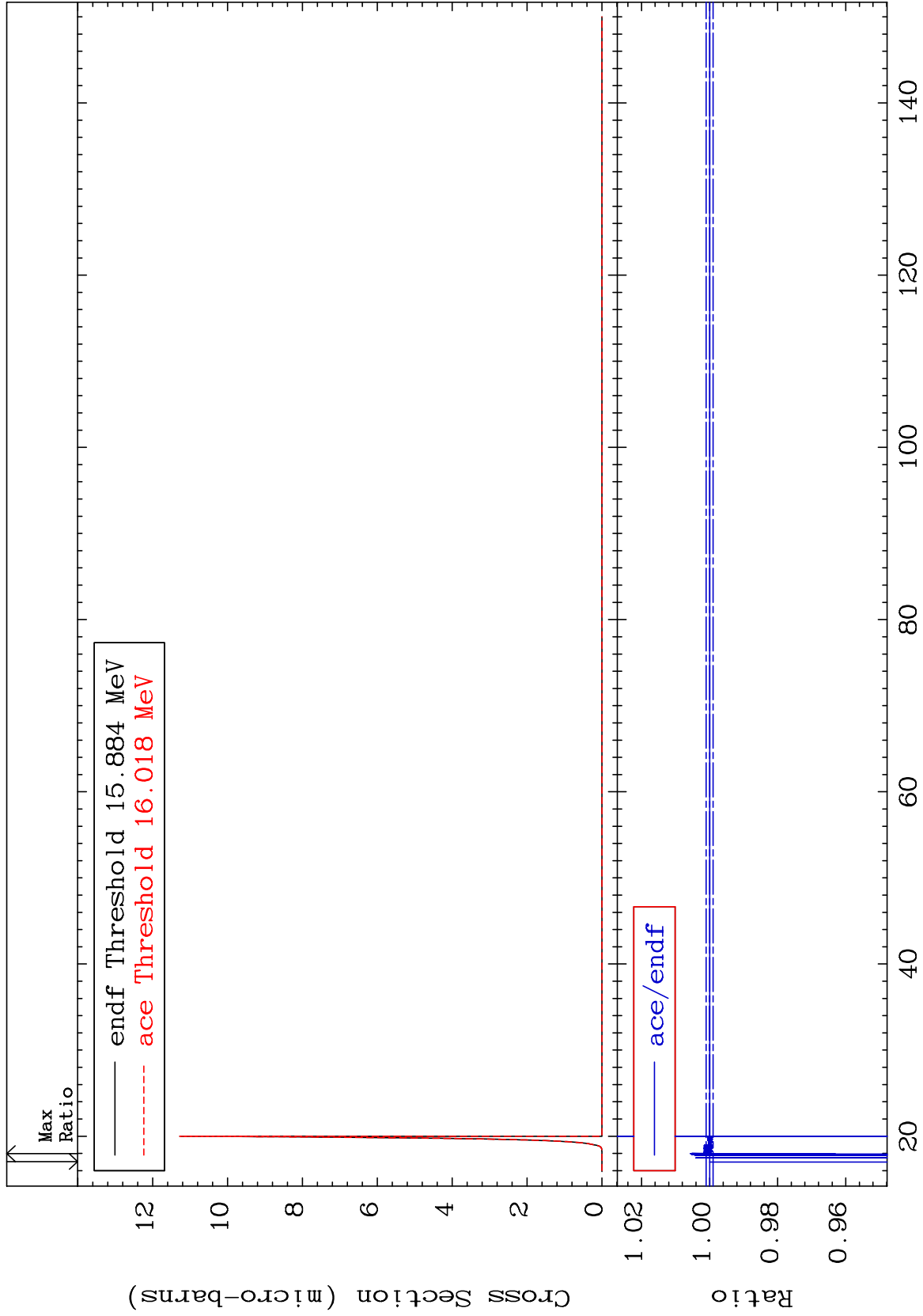
40-Zr-92
-99.93 To 1.336 %



MAT 4031

(n, n') t
Cross Section

40-Zr-92
-99.64 To 0.560 %



8

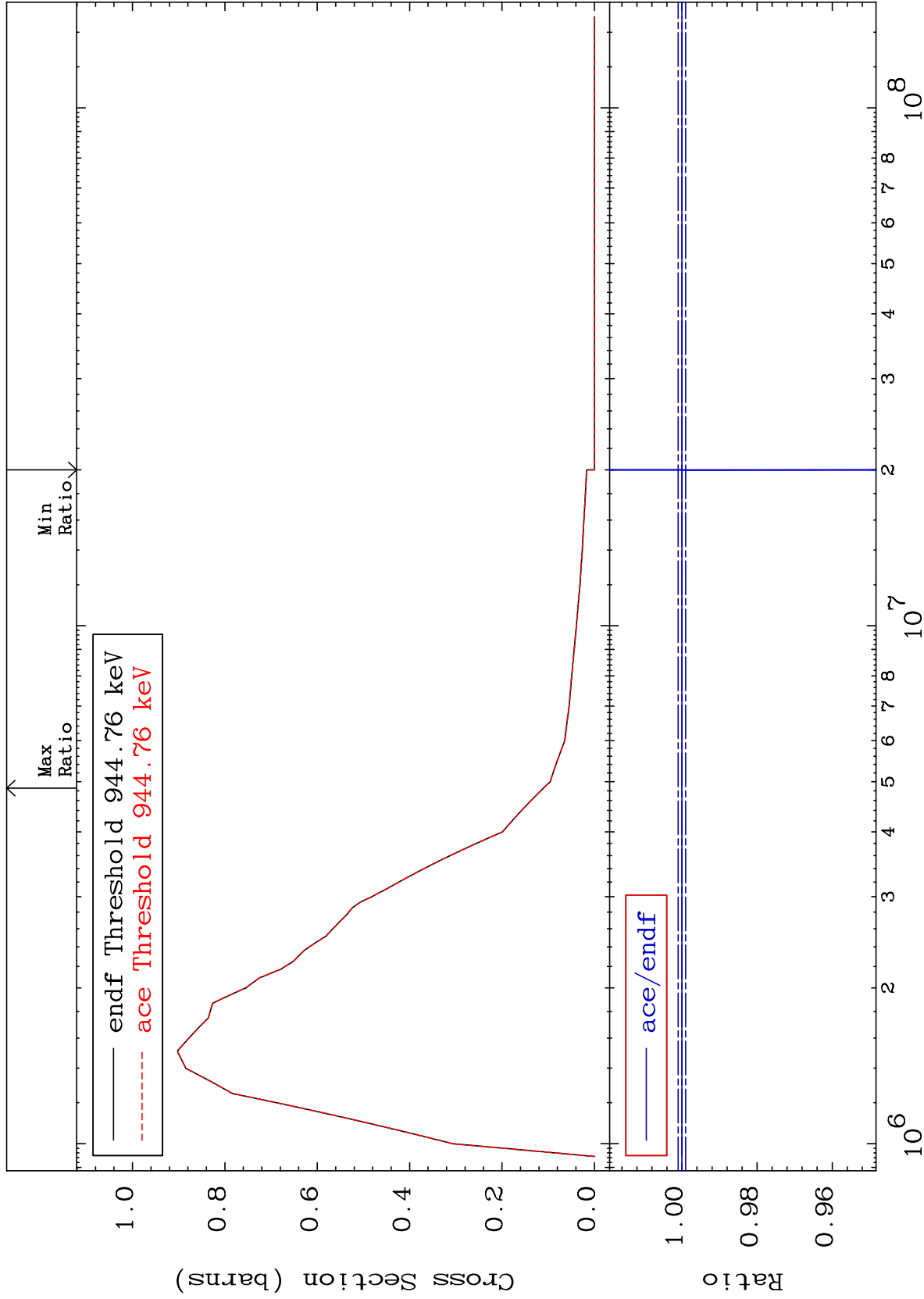
Incident Energy (MeV)

40-Zr-92

MAT 4031

934.5 keV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %

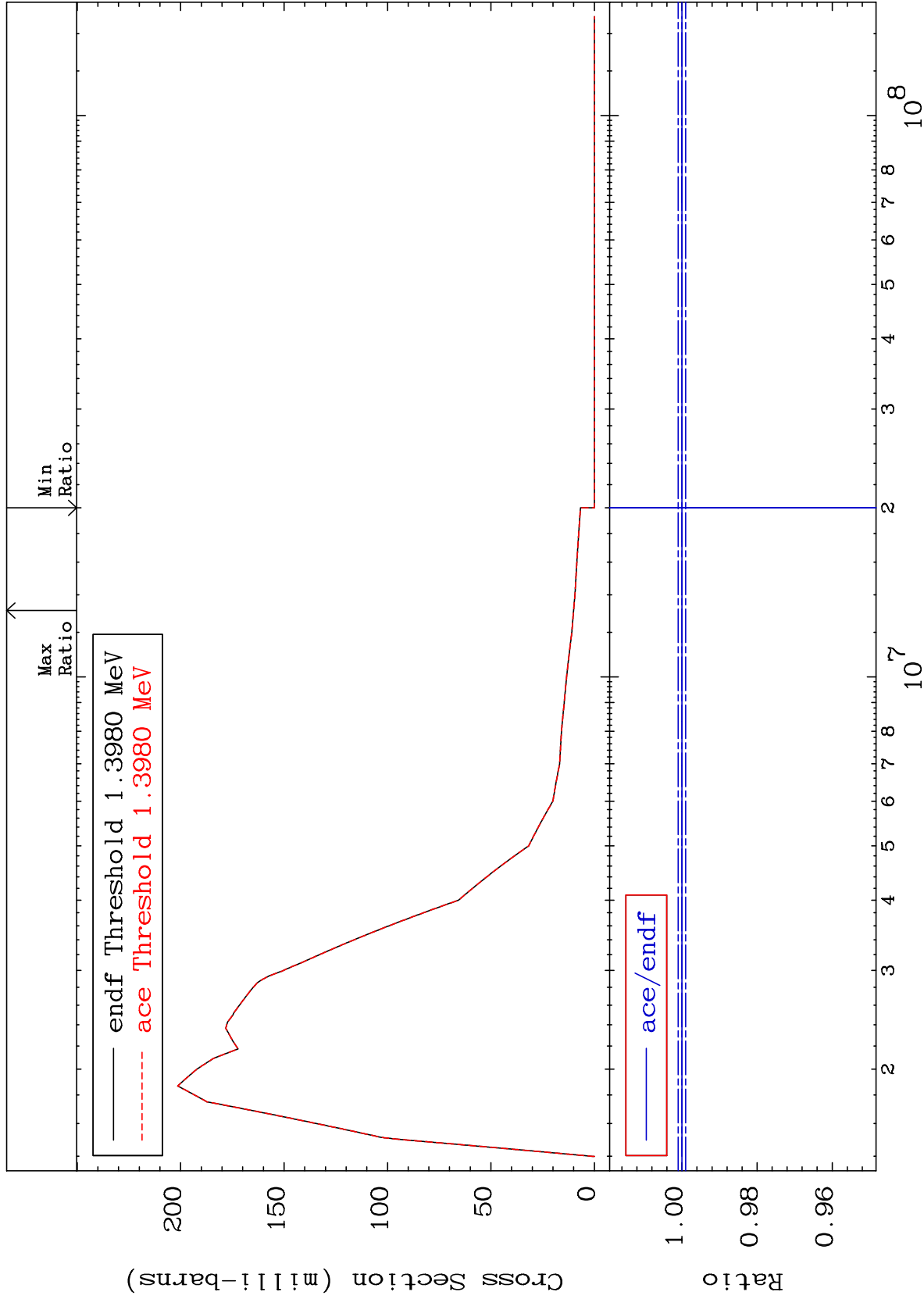


40-Zr-92

MAT 4031

1.383 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



10

Incident Energy (eV)

40-Zr-92

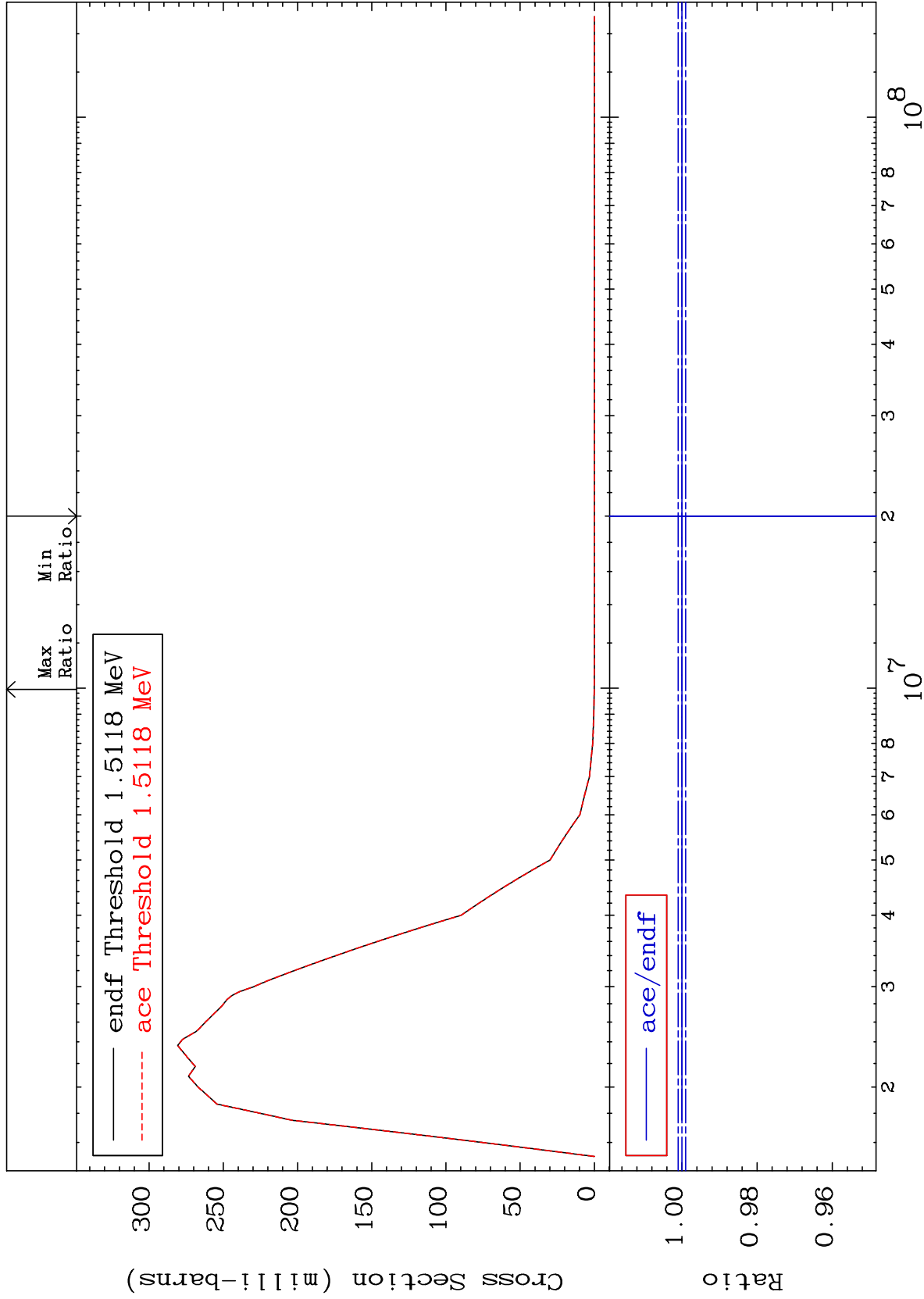
MAT 4031

1.495 MeV (n,n') Level

40-Zr-92

-50.00 To 0.000 %

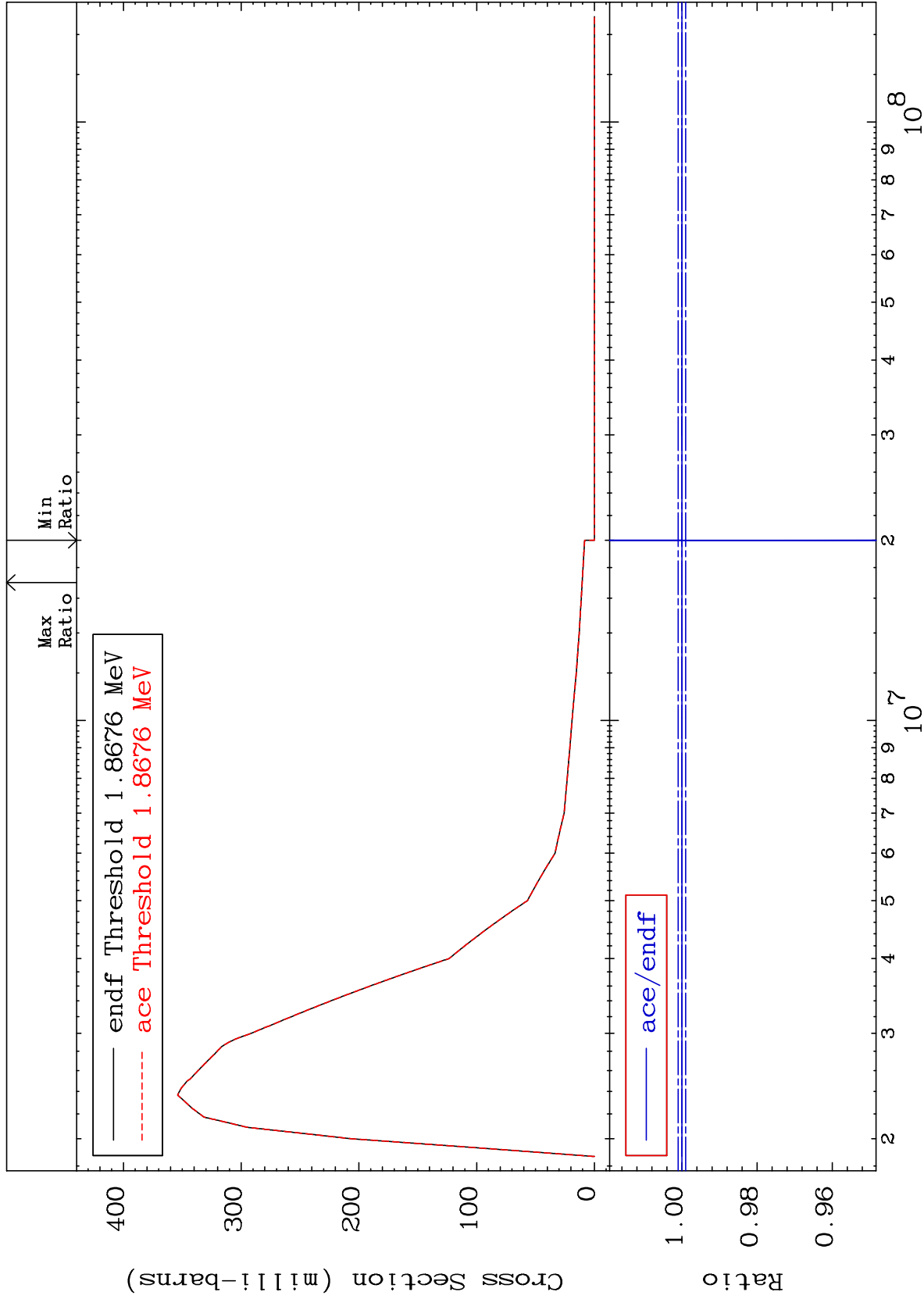
Cross Section



MAT 4031

1.847 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



12

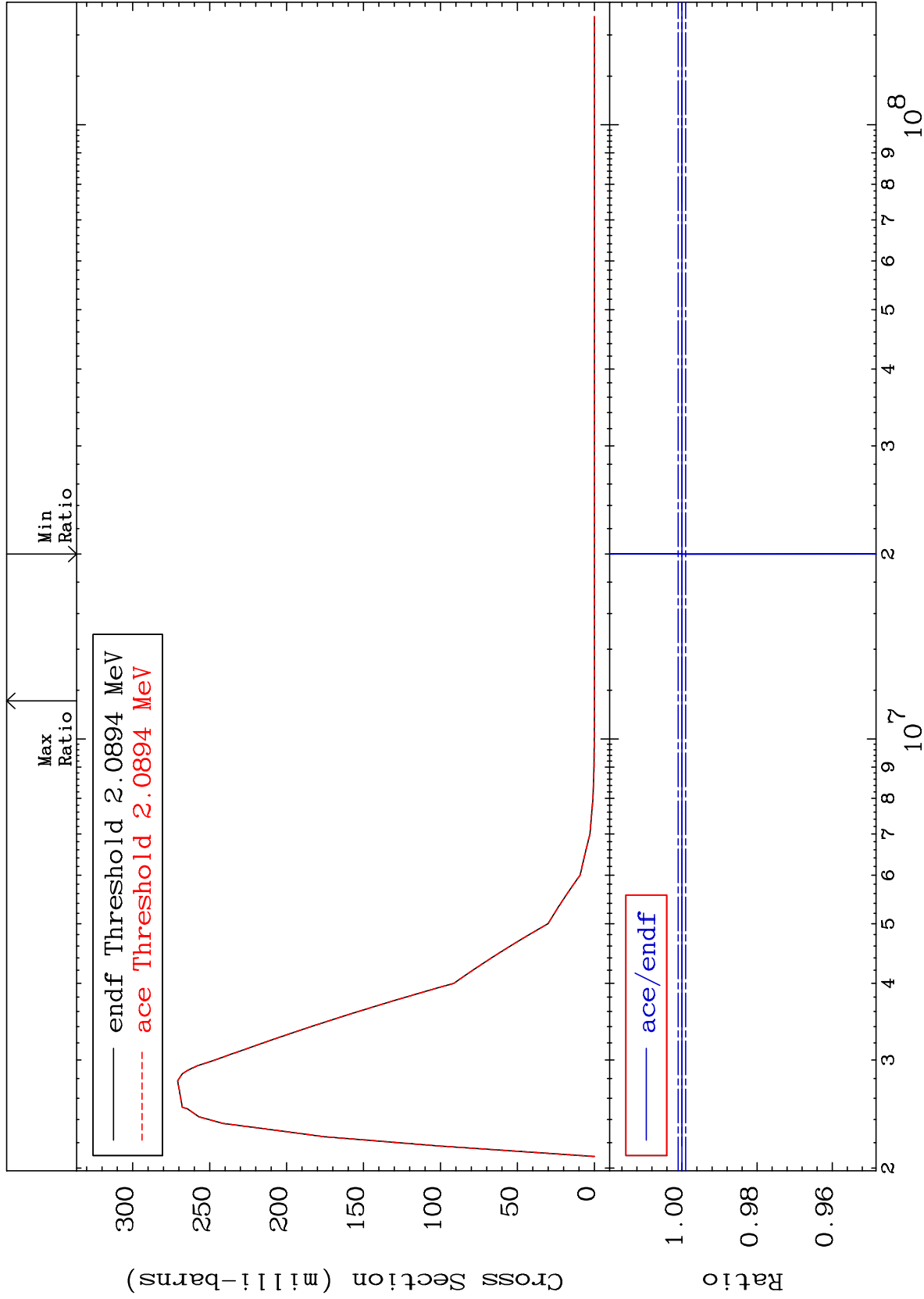
Incident Energy (eV)

40-Zr-92

MAT 4031

2.067 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %

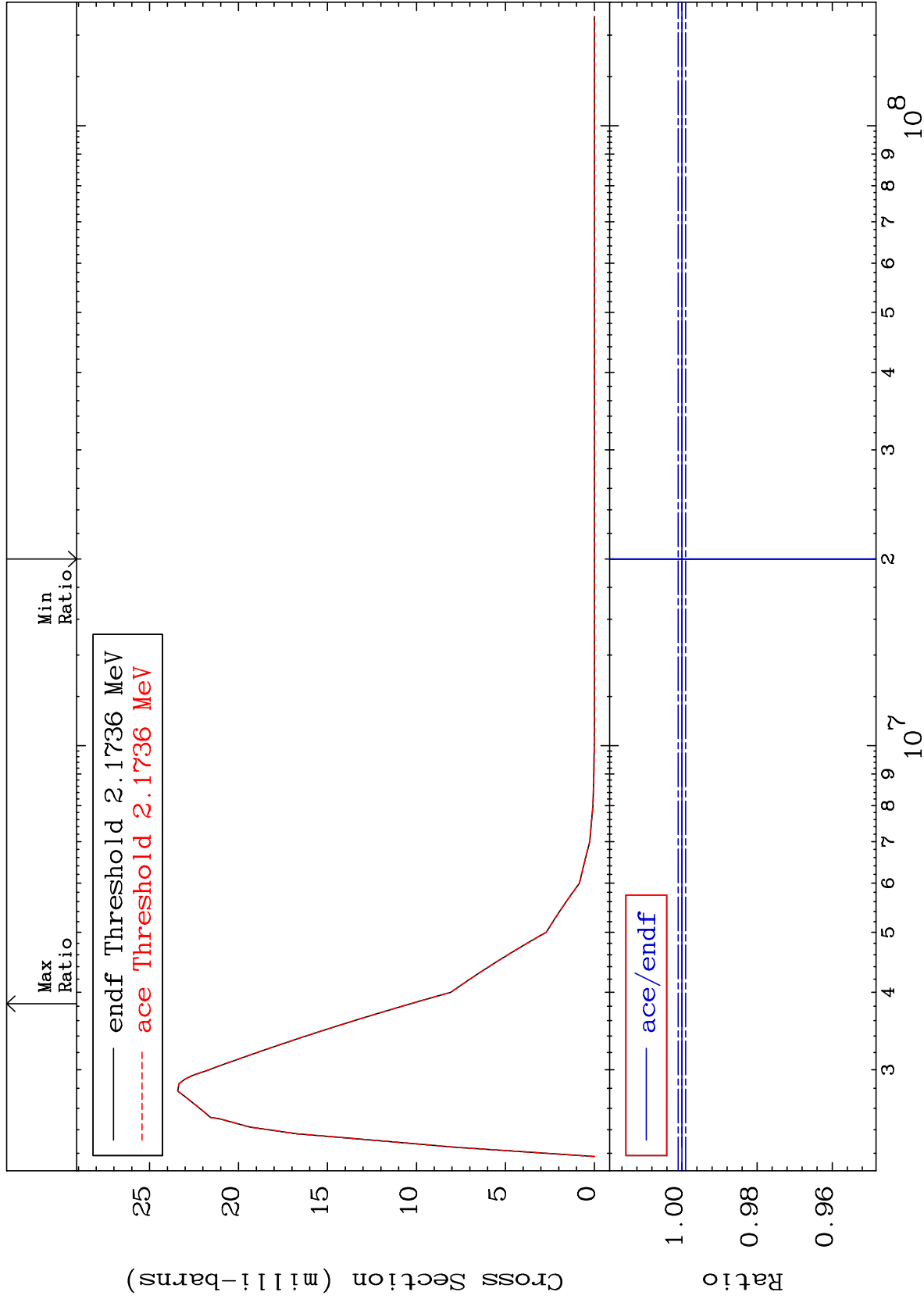


13

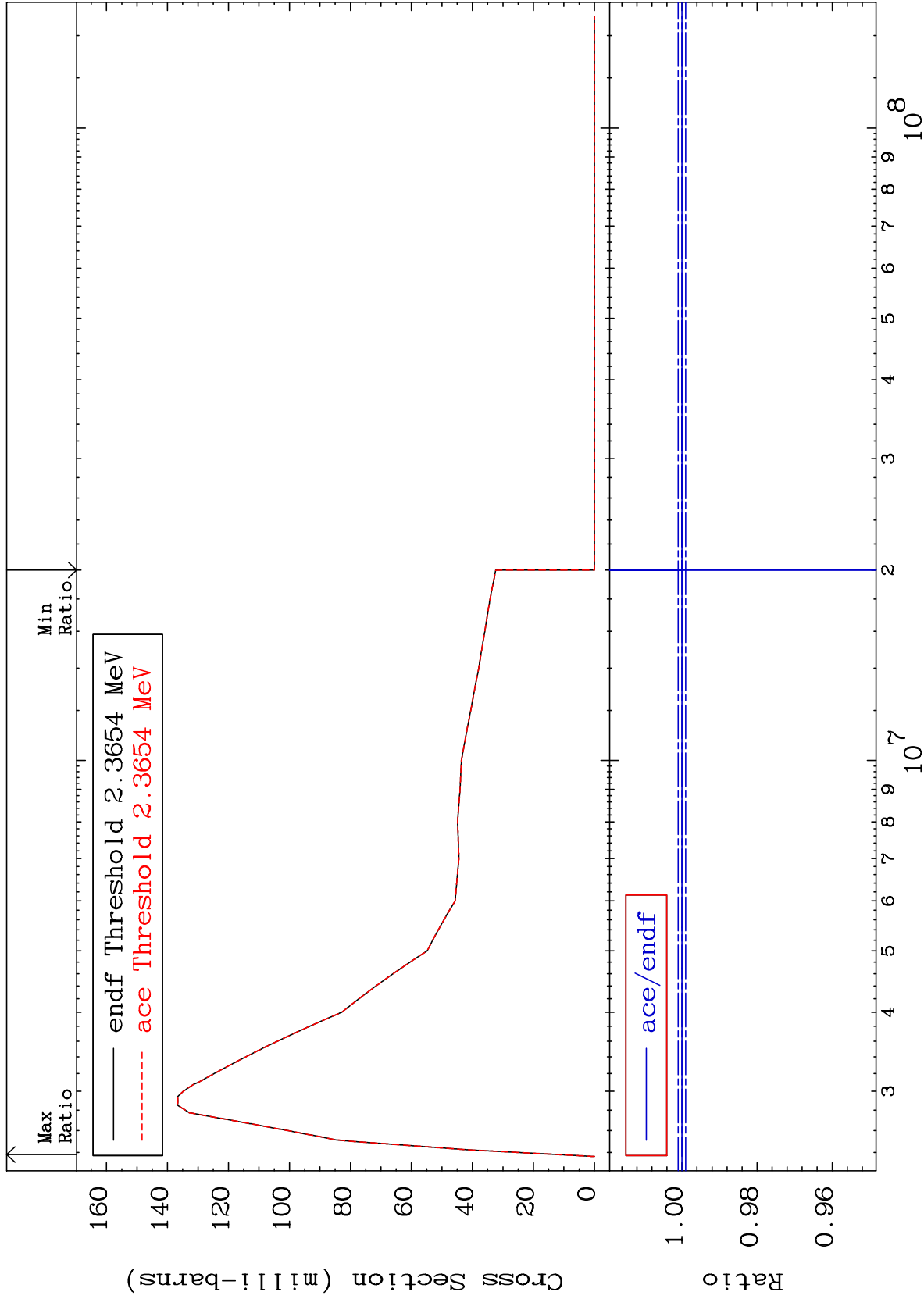
MAT 4031

2.150 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



MAT 4031 2.340 MeV (n,n') Level 40-Zr-92
 Cross Section -50.00 To 0.000 %

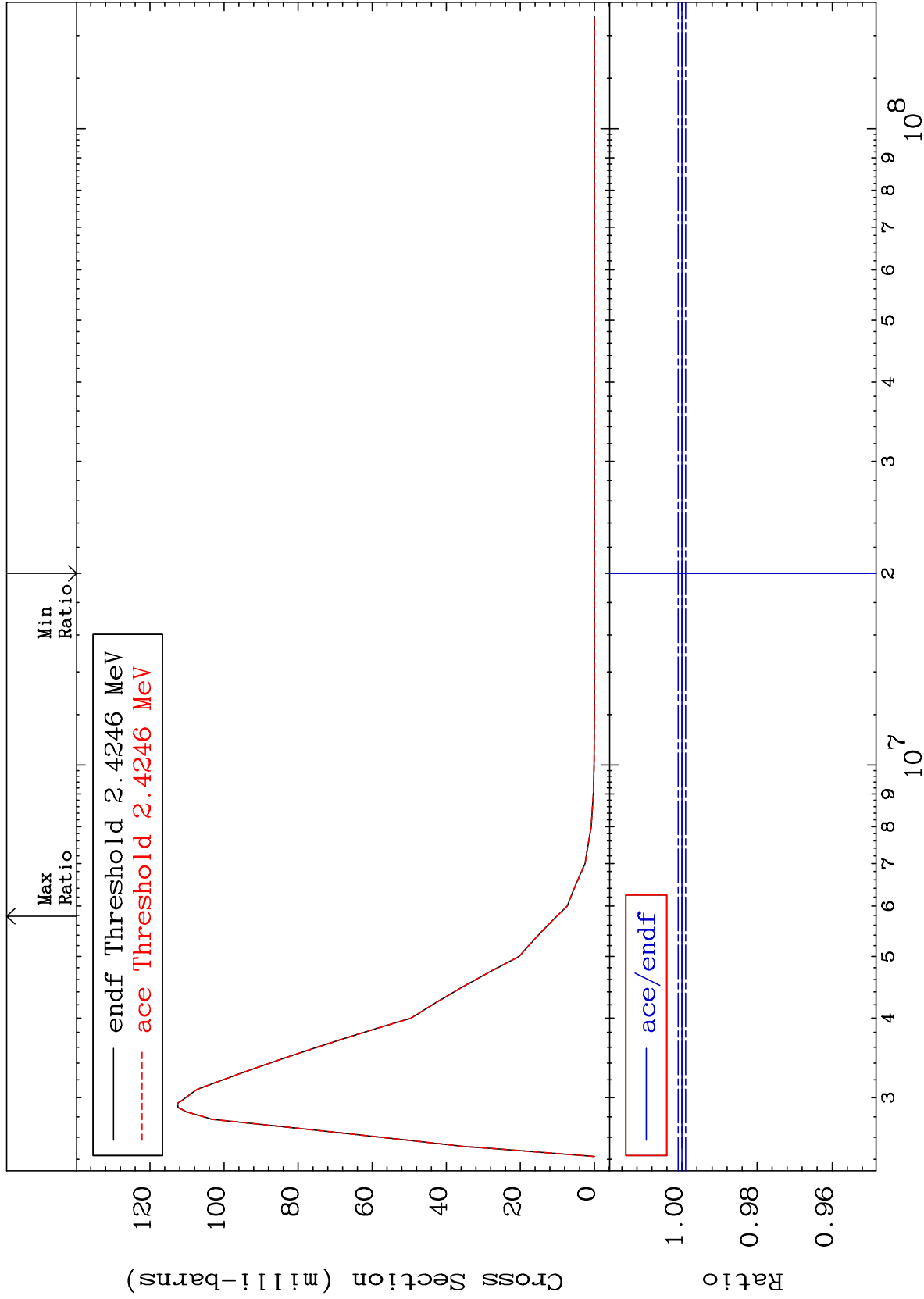


15 Incident Energy (eV) 40-Zr-92

MAT 4031

2.398 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



16

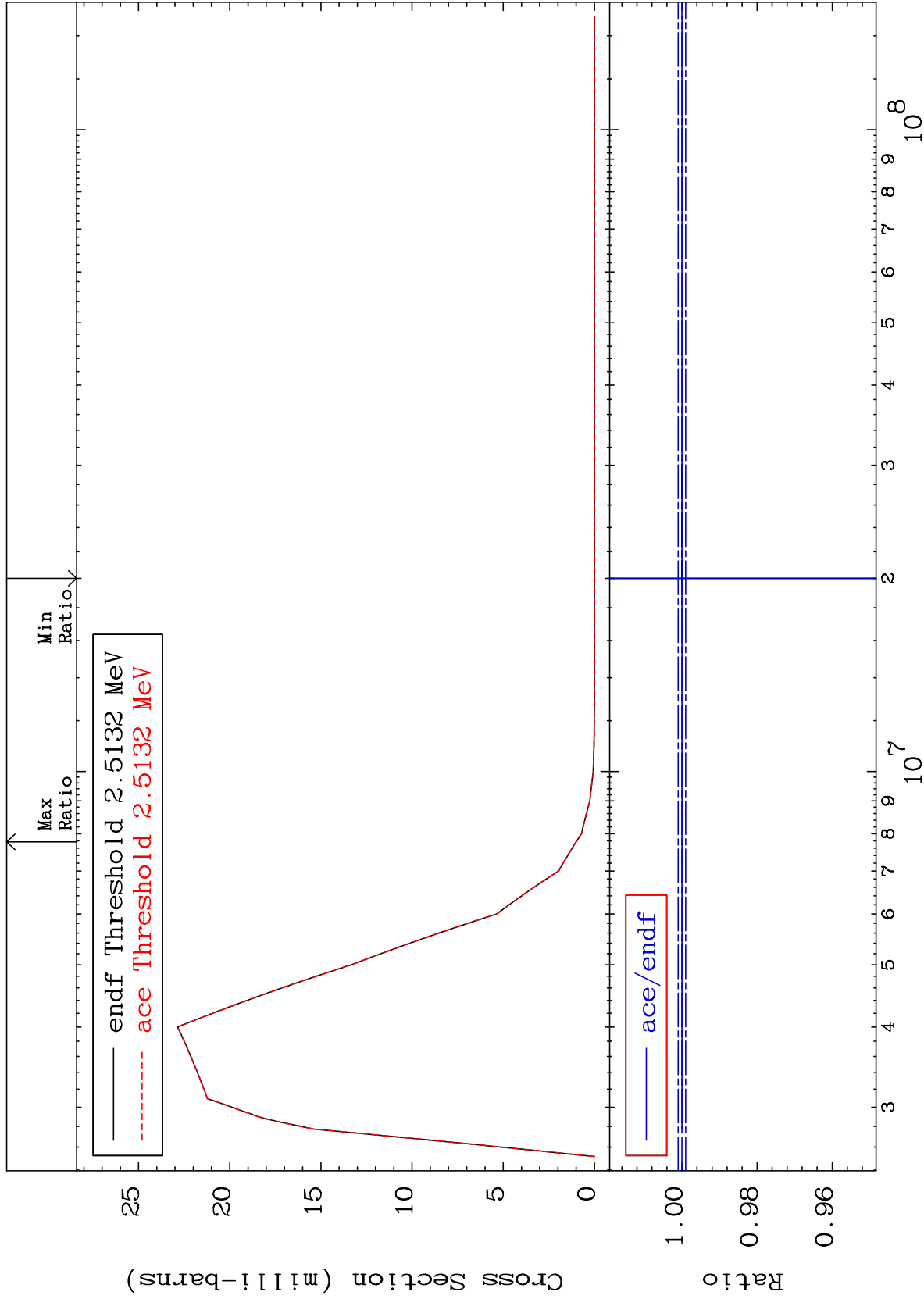
Incident Energy (eV)

40-Zr-92

MAT 4031

2.486 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



17

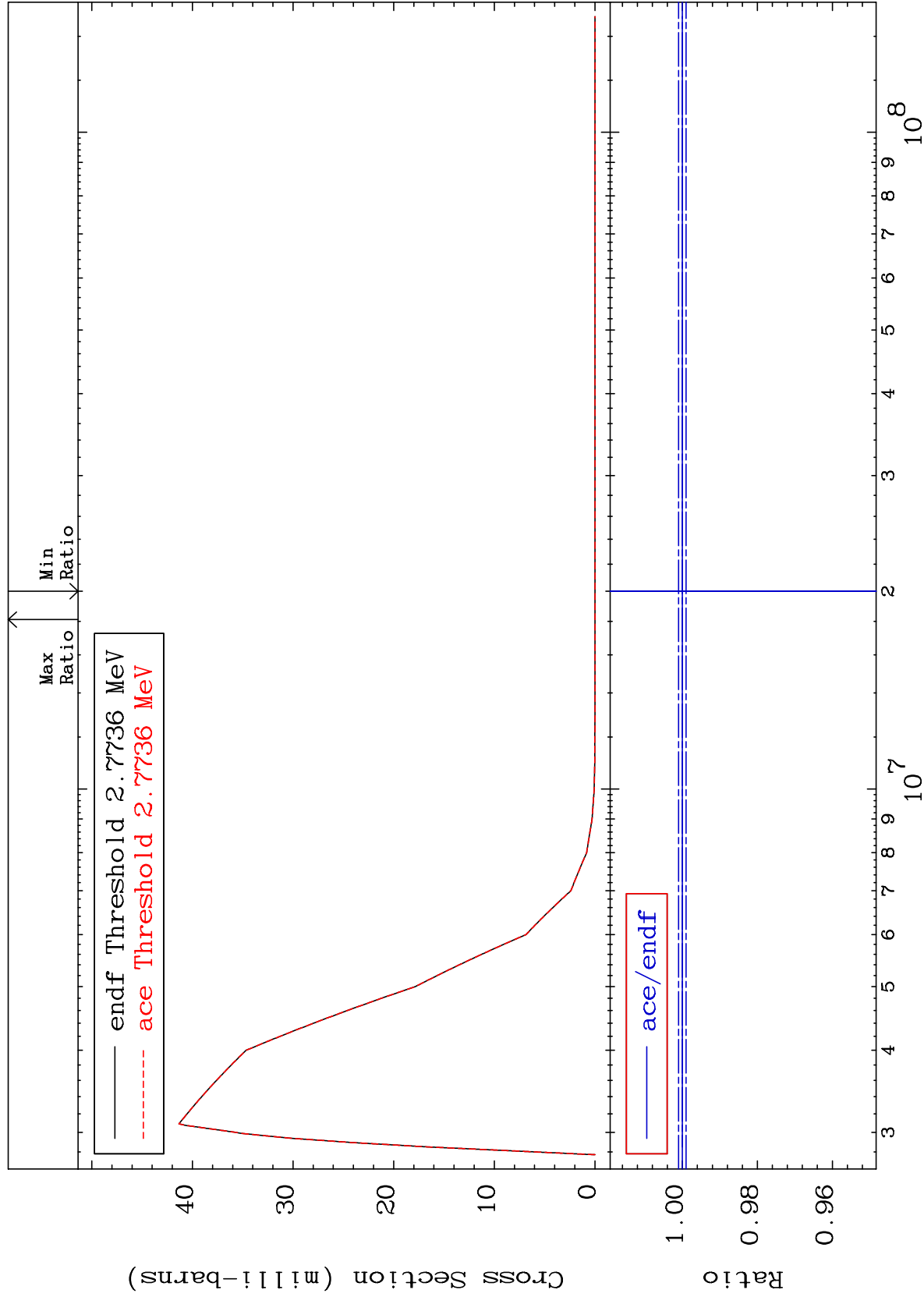
Incident Energy (eV)

40-Zr-92

MAT 4031

2.744 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %

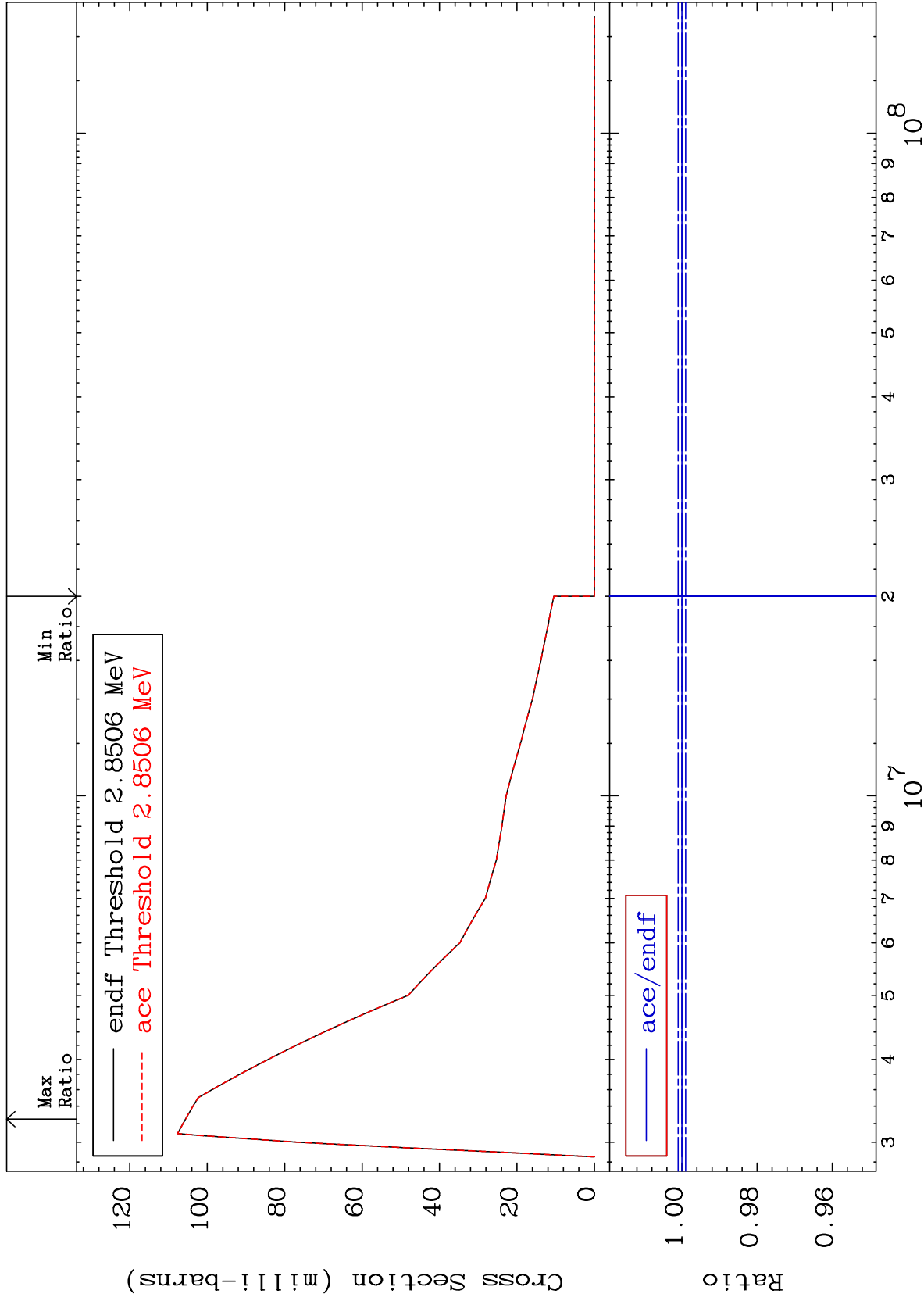


18

MAT 4031

2.820 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



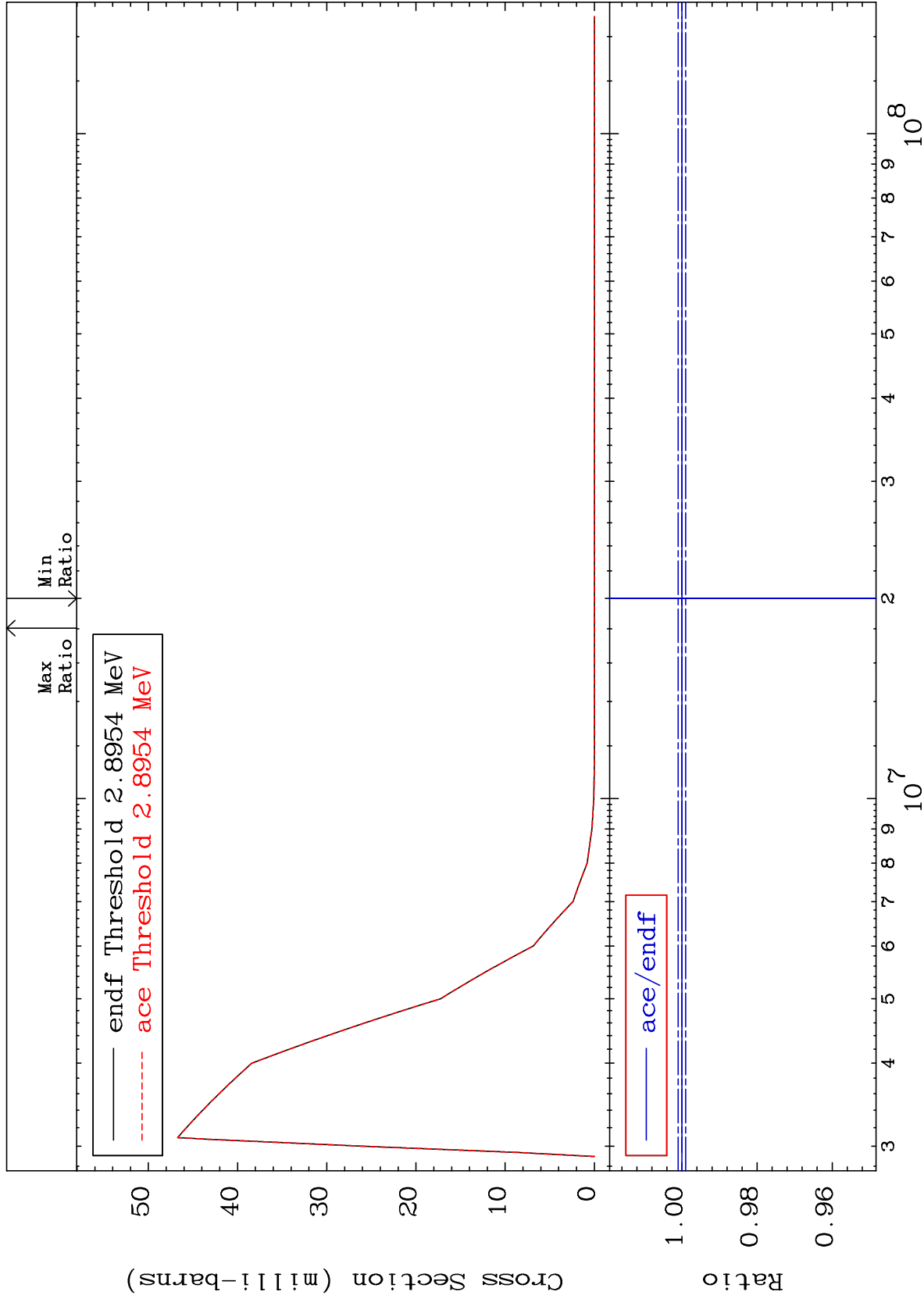
19

40-Zr-92

MAT 4031

2.864 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



20

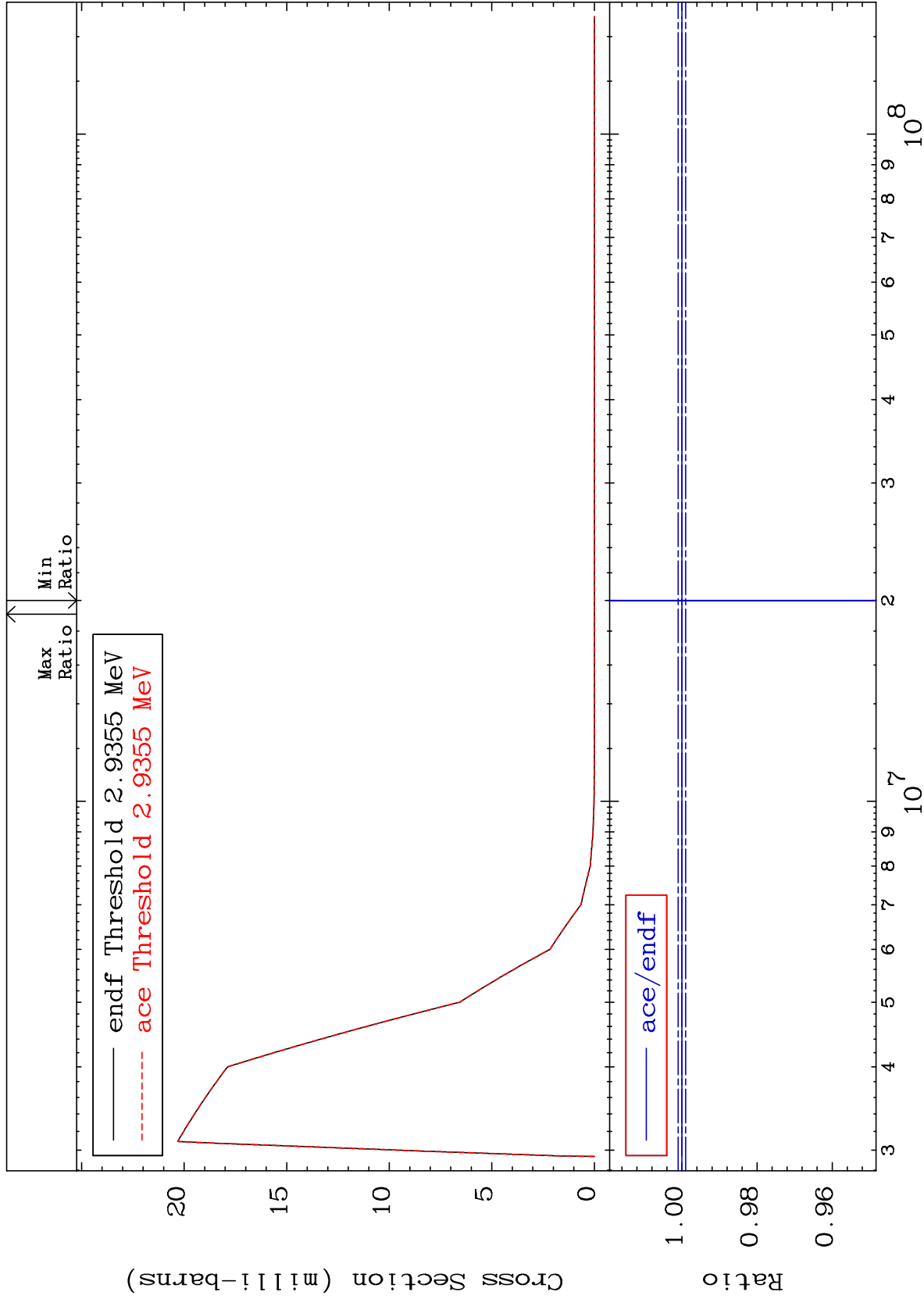
Incident Energy (eV)

40-Zr-92

MAT 4031

2.904 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



21

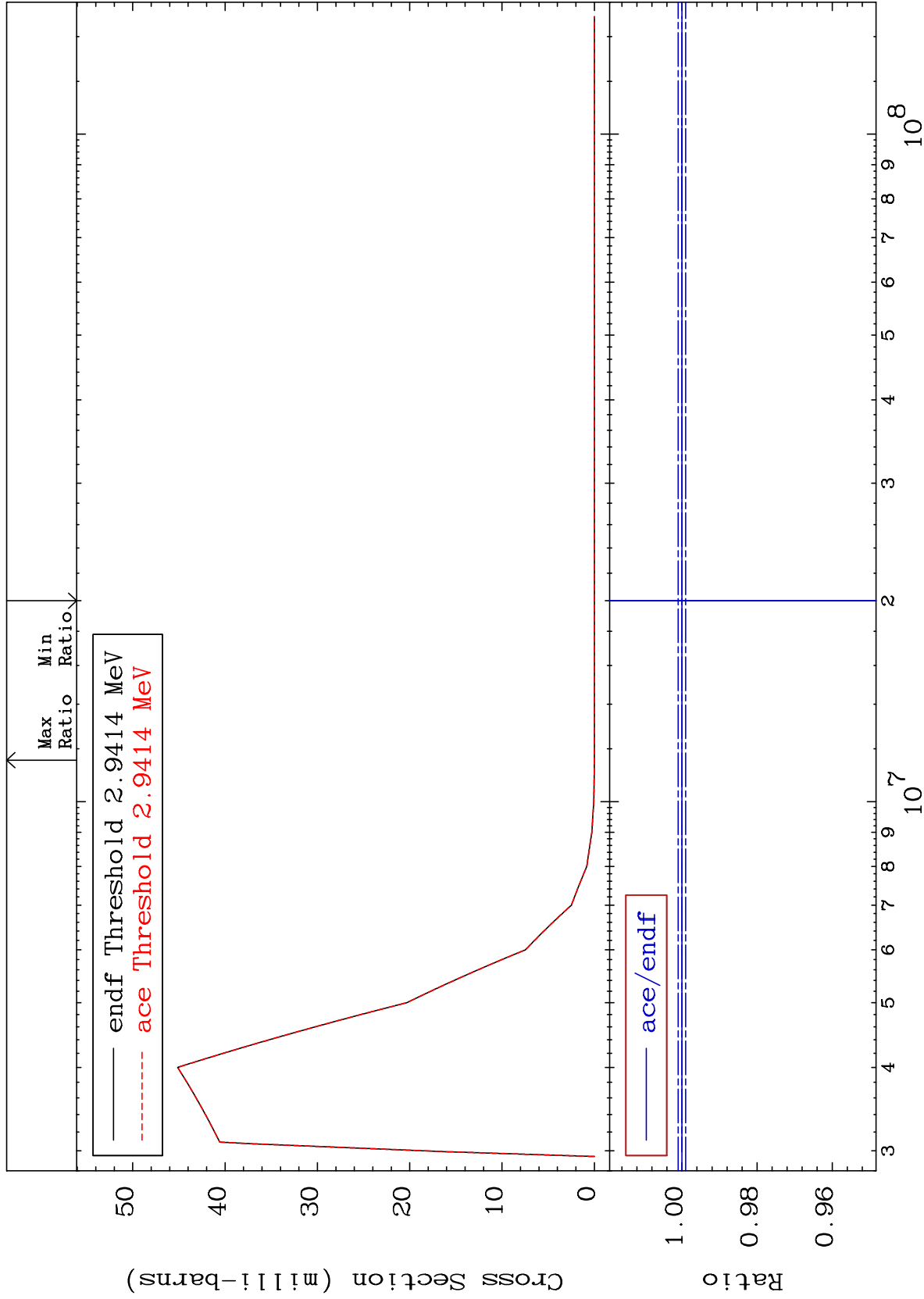
Incident Energy (eV)

40-Zr-92

MAT 4031

2.910 MeV (n,n') Level
Cross Section

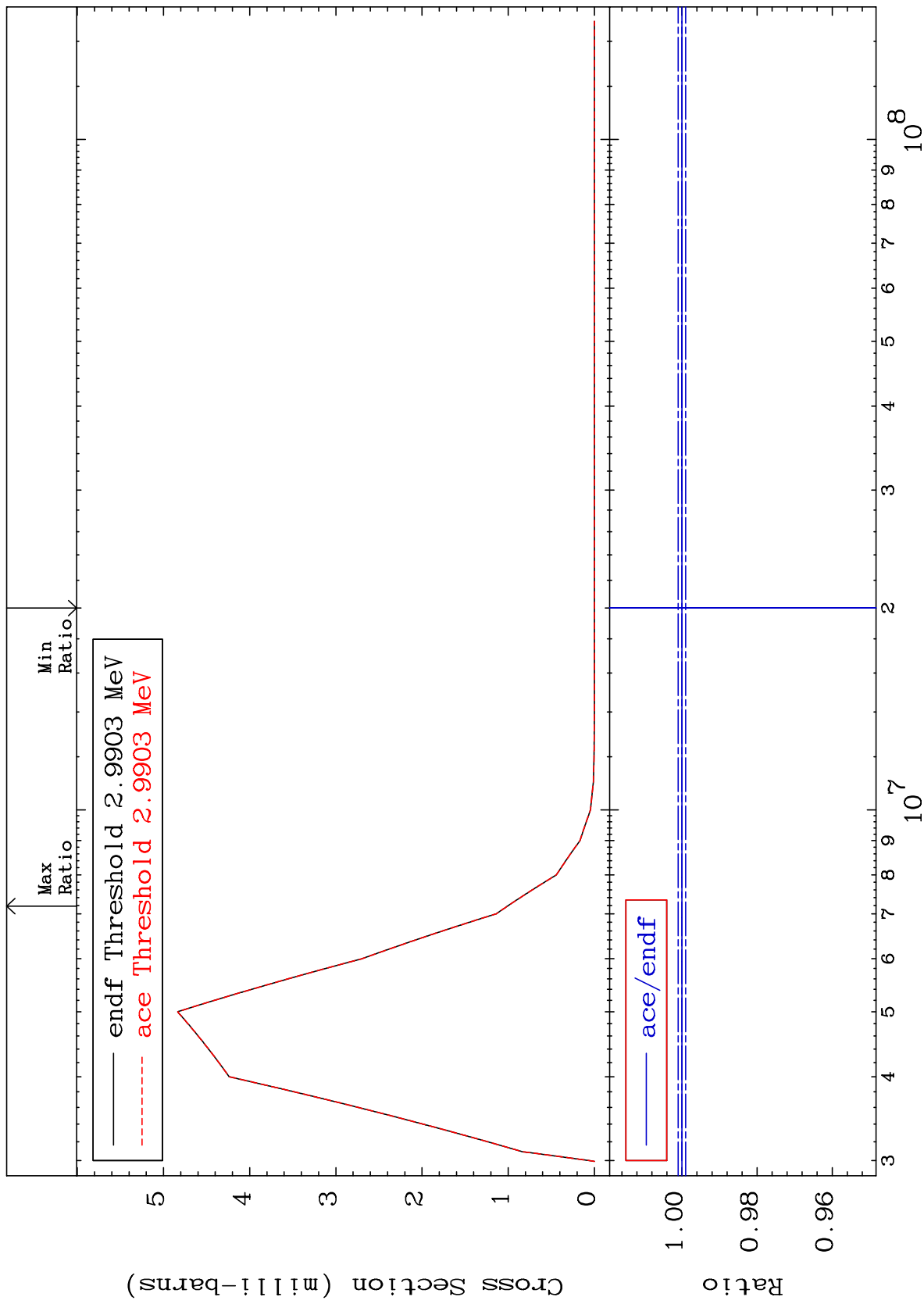
40-Zr-92
-50.00 To 0.000 %



MAT 4031

2.958 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



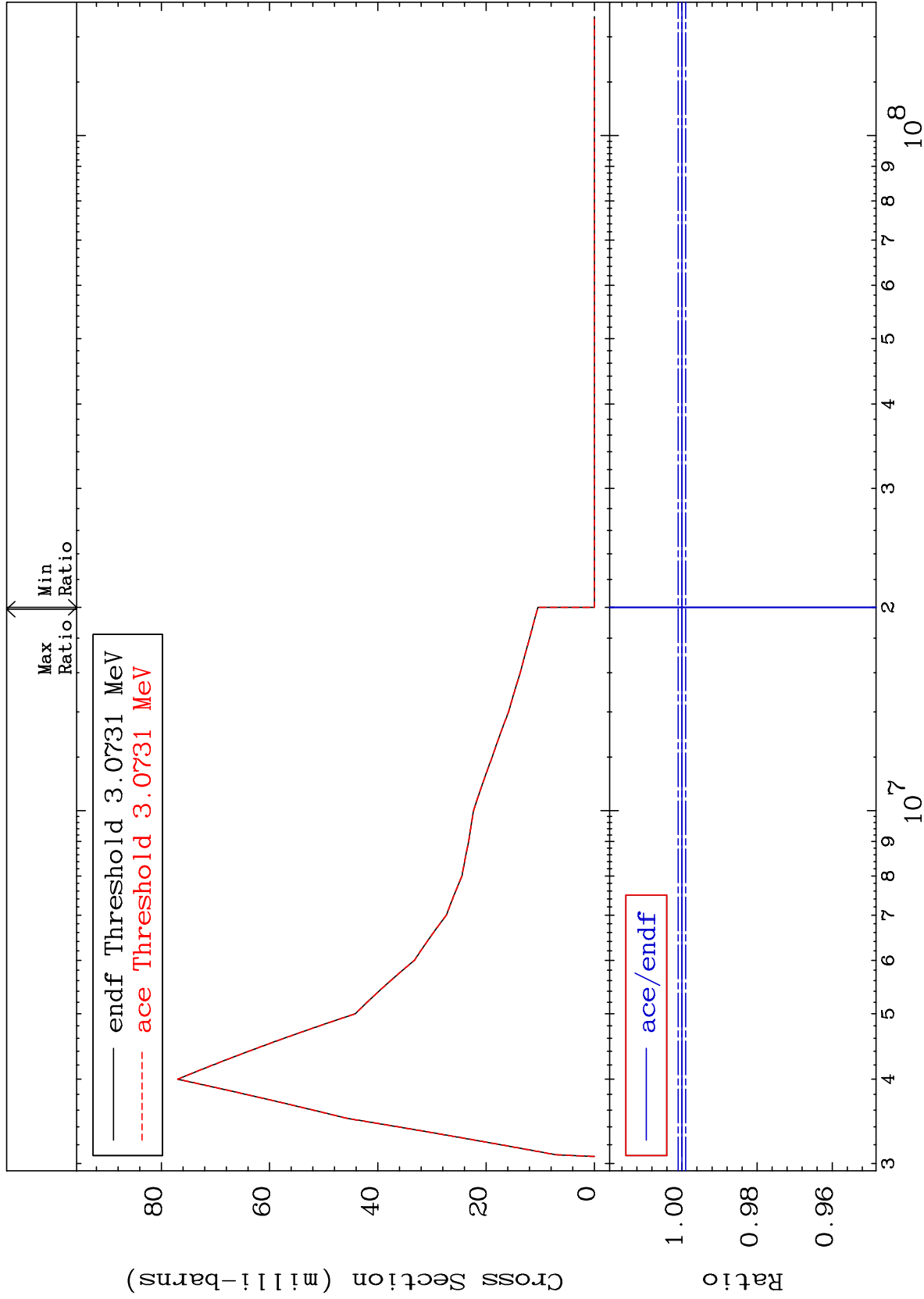
23

40-Zr-92

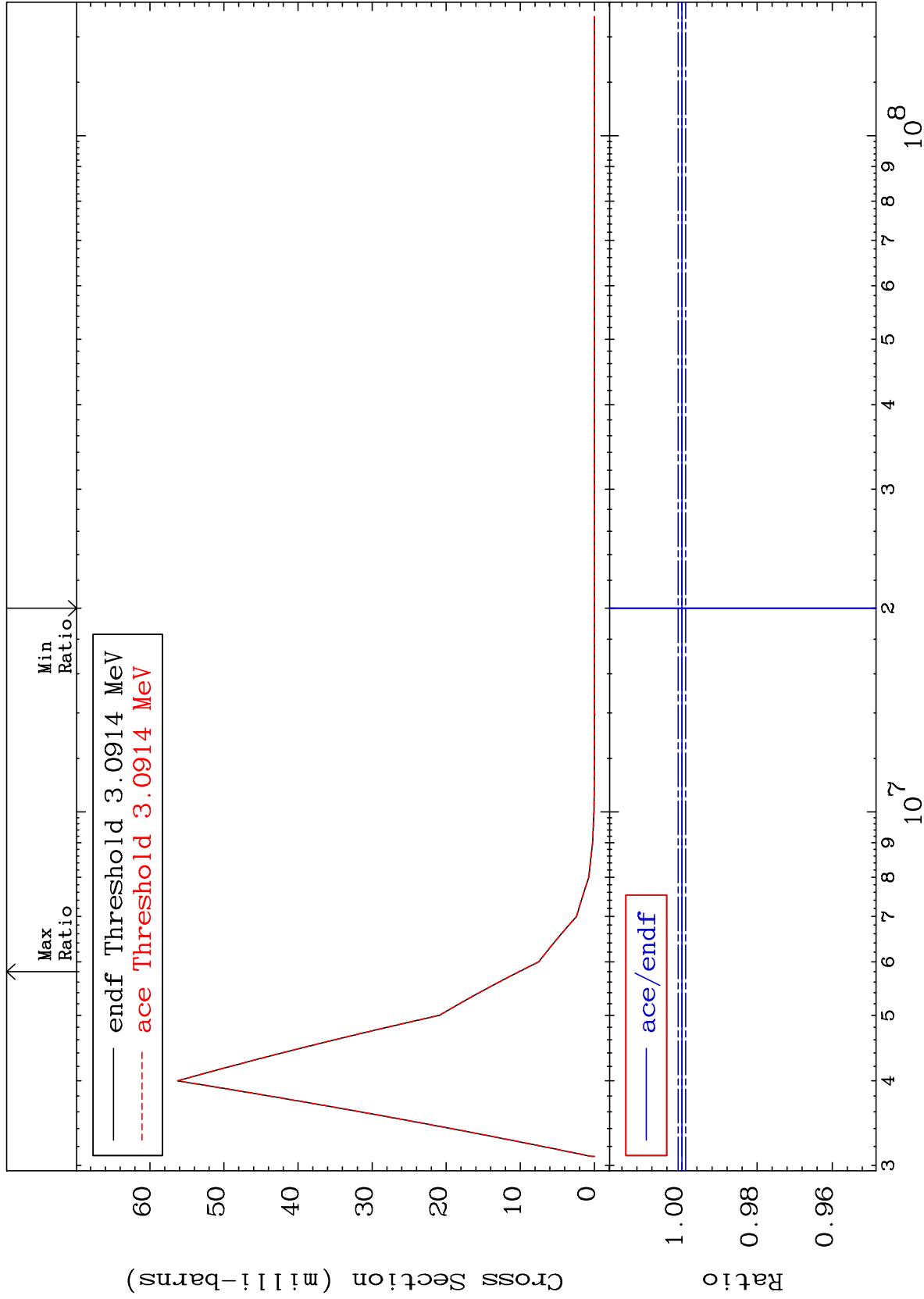
MAT 4031

3.040 MeV (n,n') Level
Cross Section

40-Zr-92
-50.00 To 0.000 %



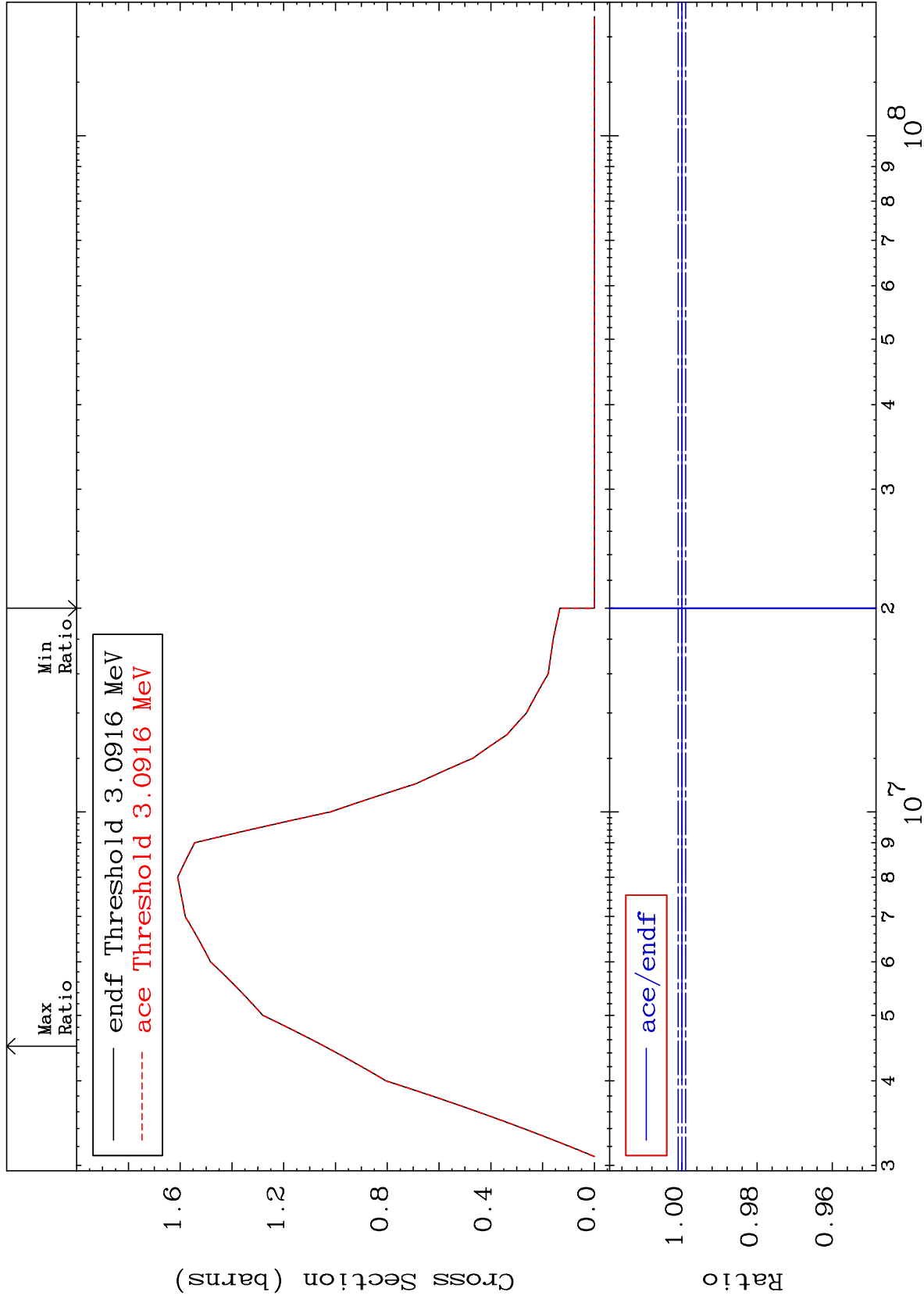
MAT 4031 3.058 MeV (n,n') Level Cross Section 40-Zr-92 -50.00 To 0.000 %



MAT 4031

(n, n') Continuum
Cross Section

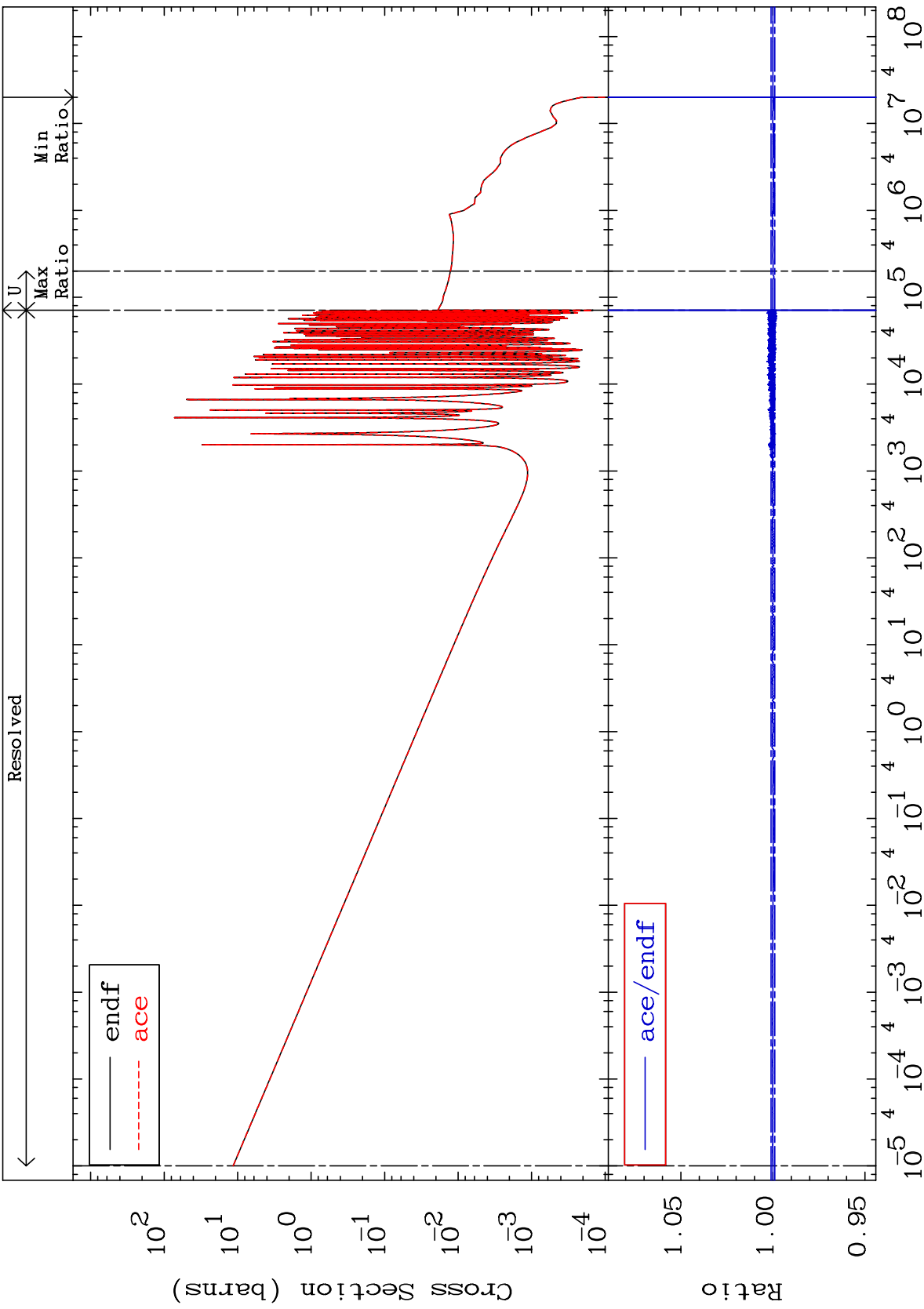
40-Zr-92
-50.00 To 0.000 %



MAT 4031

(n, γ)
Cross Section

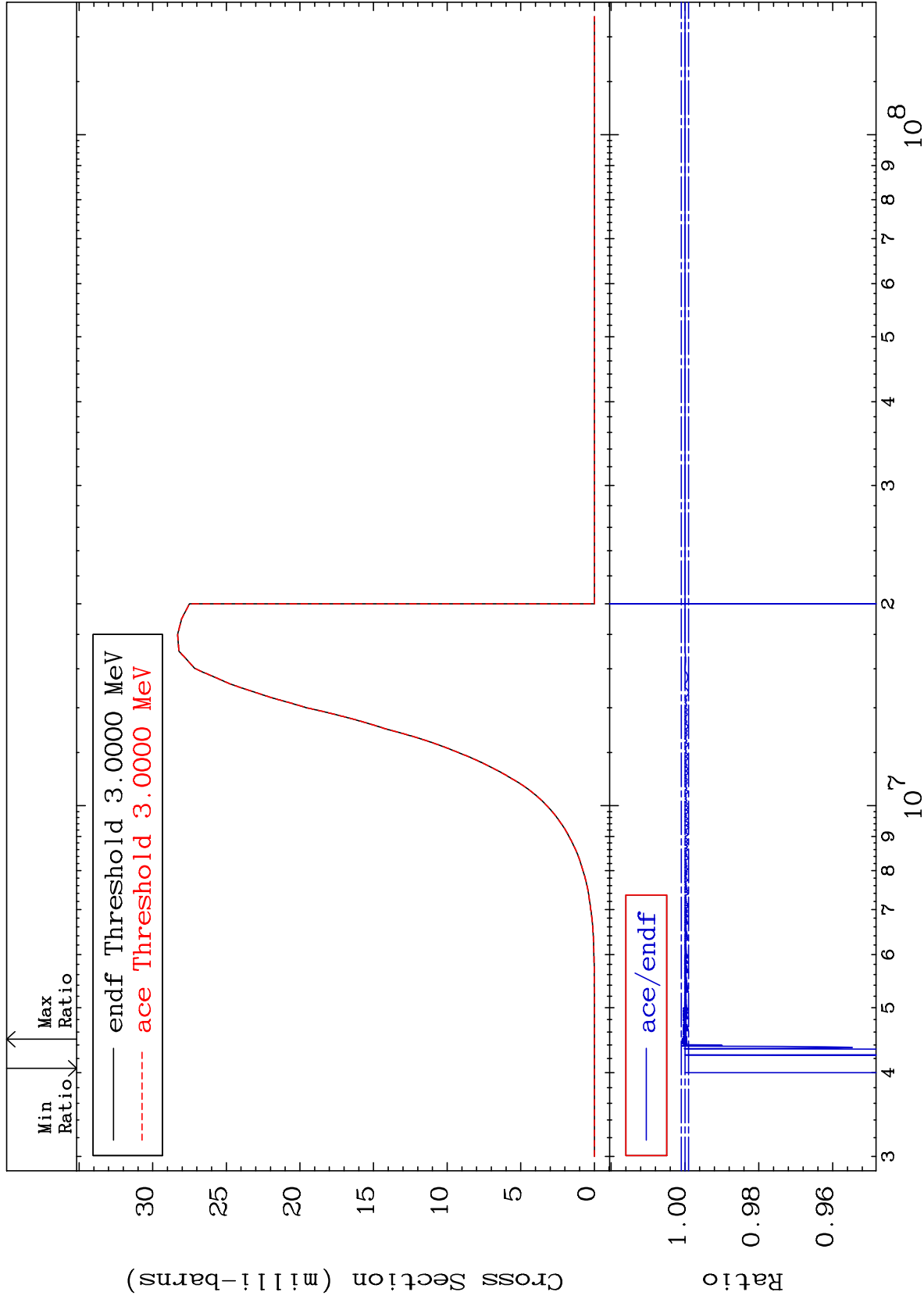
40-Zr-92
-50.00 To 9579. %



MAT 4031

(n,p)
Cross Section

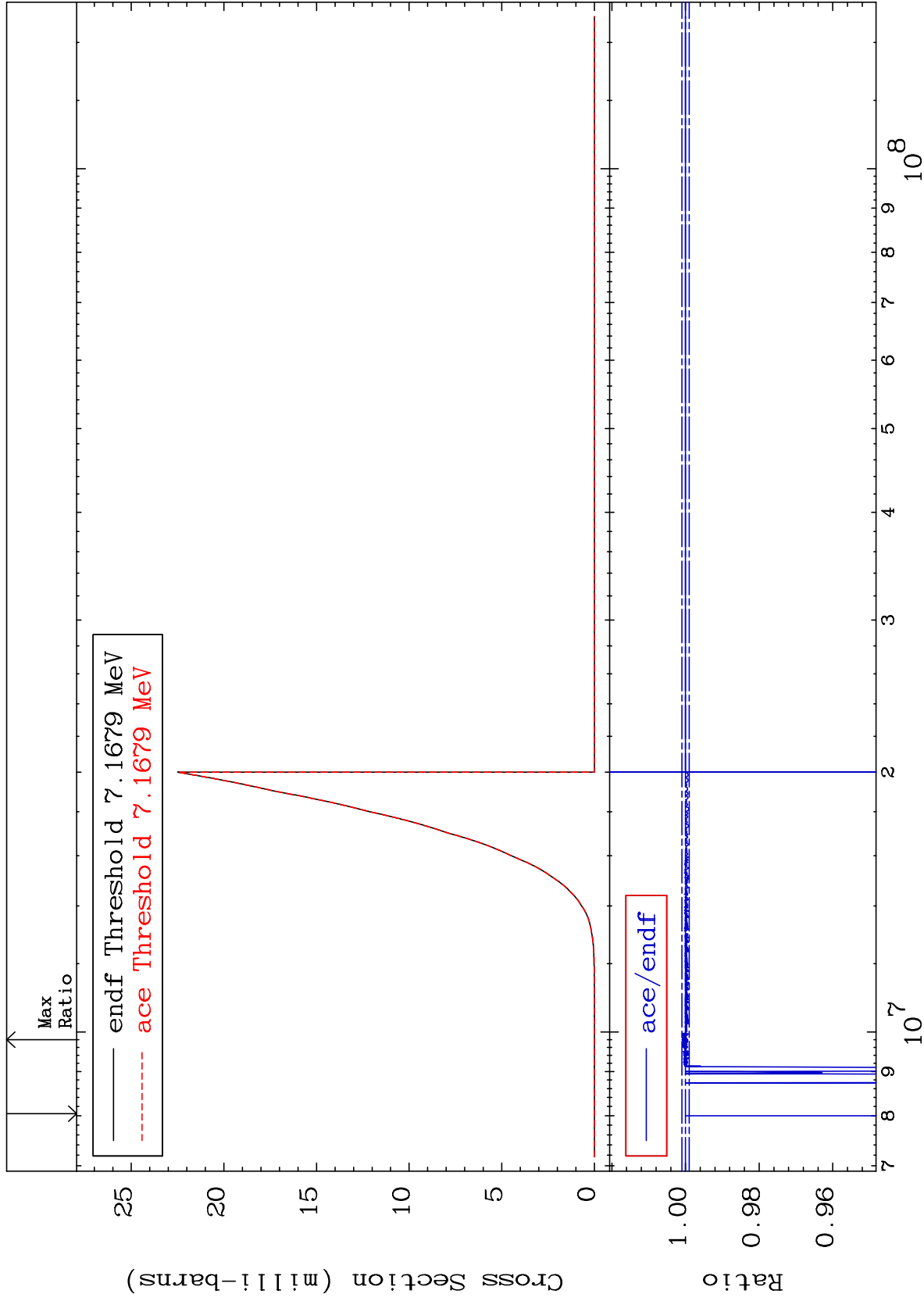
40-Zr-92
-77.41 To 0.081 %



MAT 4031

(n, d)
Cross Section

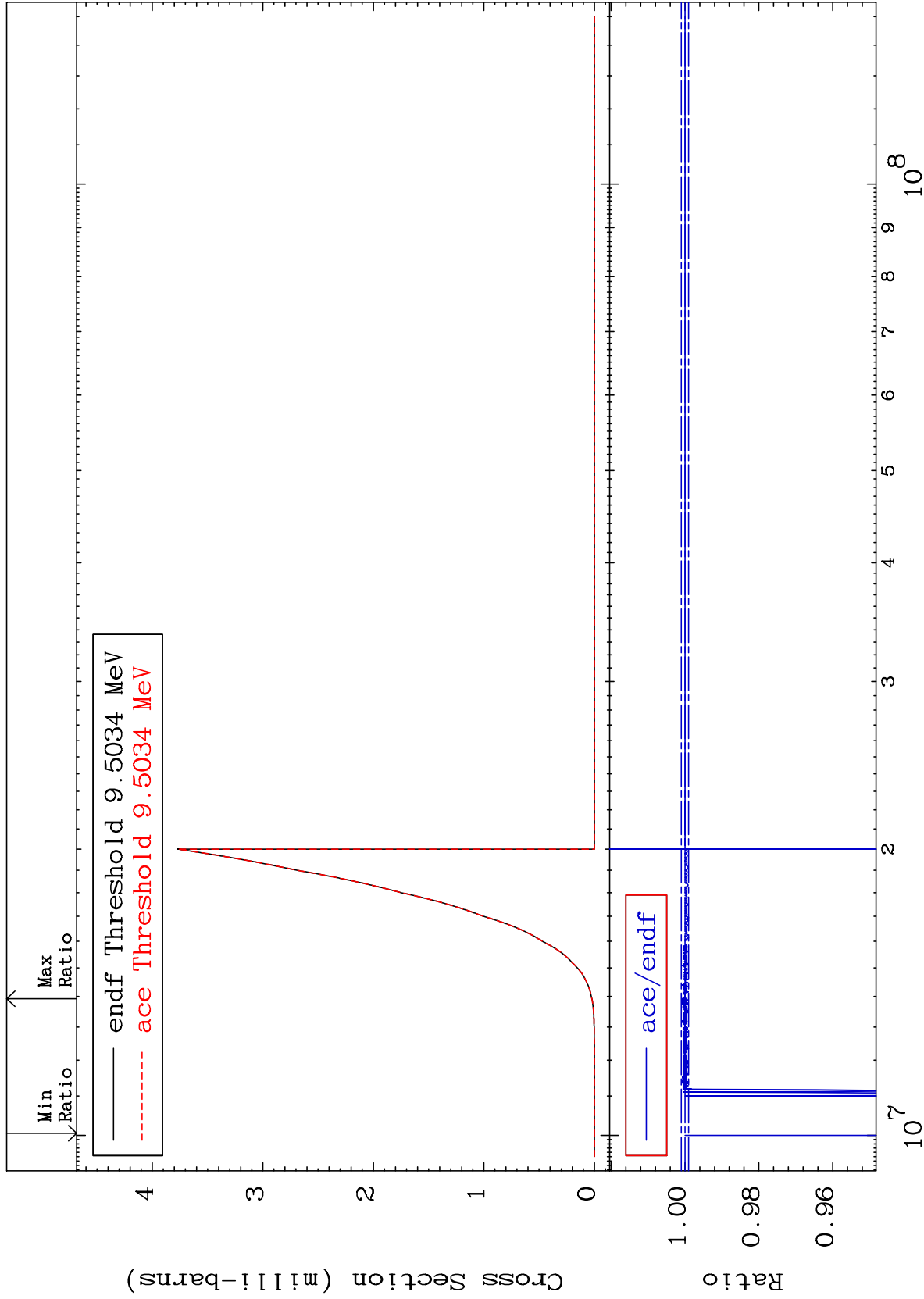
40-Zr-92
-100.0 To 0.097 %



MAT 4031

(n, t)
Cross Section

40-Zr-92
-100.0 To 0.082 %



30

40-Zr-92

MAT 4031

(n, α)

40-Zr-92

Cross Section

-50.00 To 0.099 %

Unres

Max Ratio
Min Ratio

— endf Threshold 100.00 keV
- - - ace Threshold 100.00 keV

— ace/endlf

Cross Section (milli-barns)

Ratio

31

Incident Energy (eV)

40-Zr-92

