

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

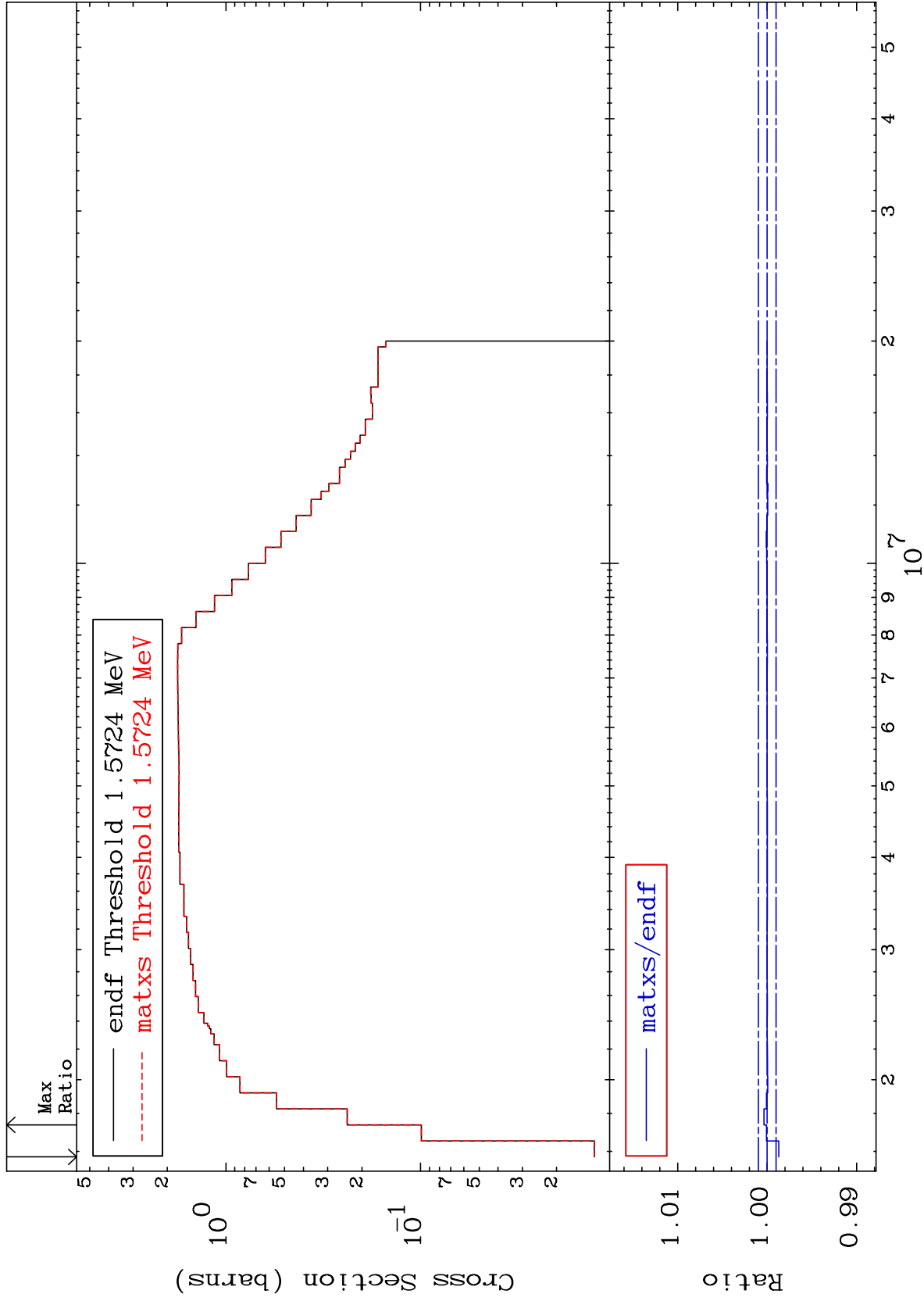
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4043

Inelastic
Cross Section

40-Zr-96
-0.129 To 0.035 %



1

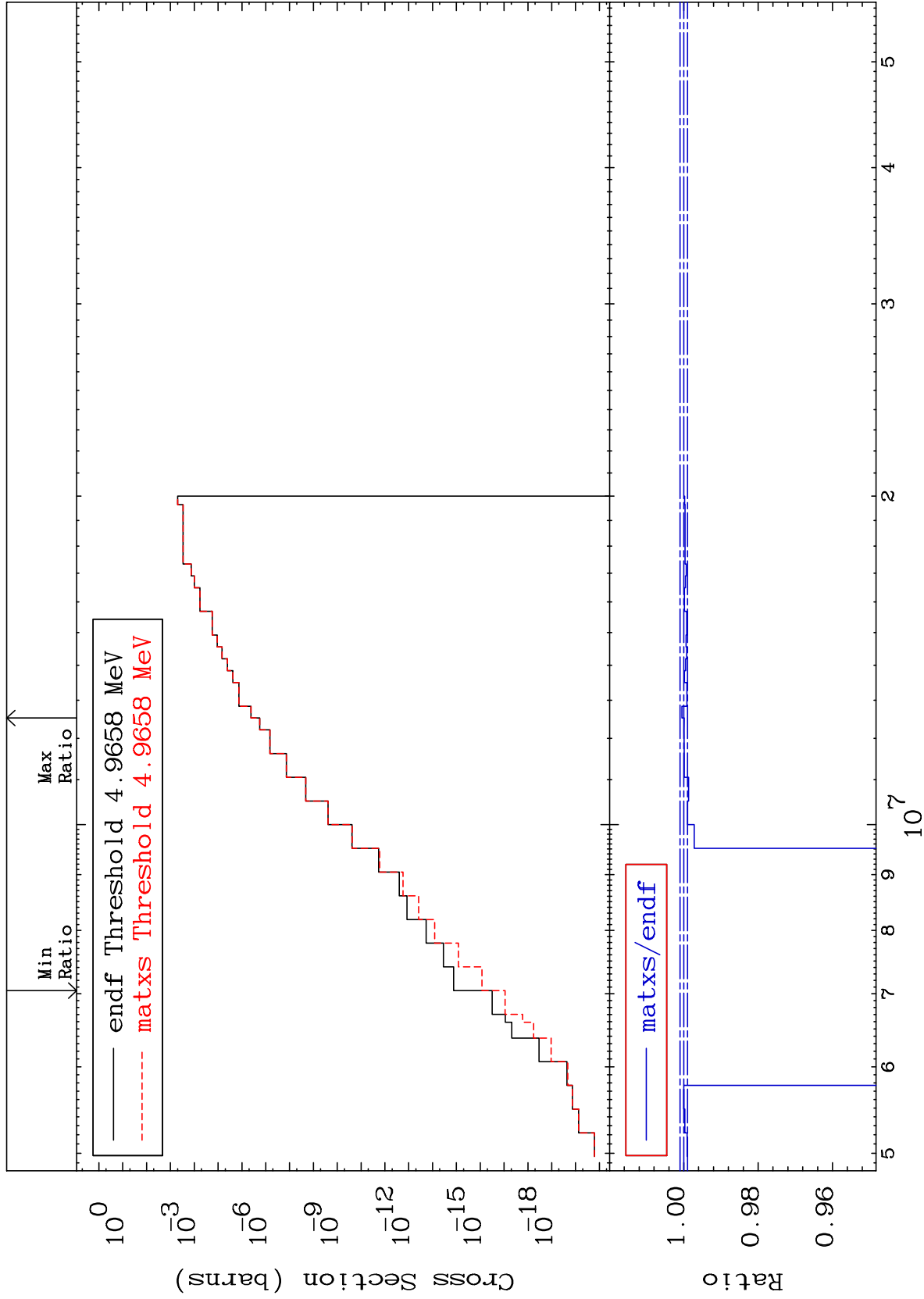
Incident Energy (eV)

40-Zr-96

MAT 4043

40-Zr-96
-93.65 To 0.049 %

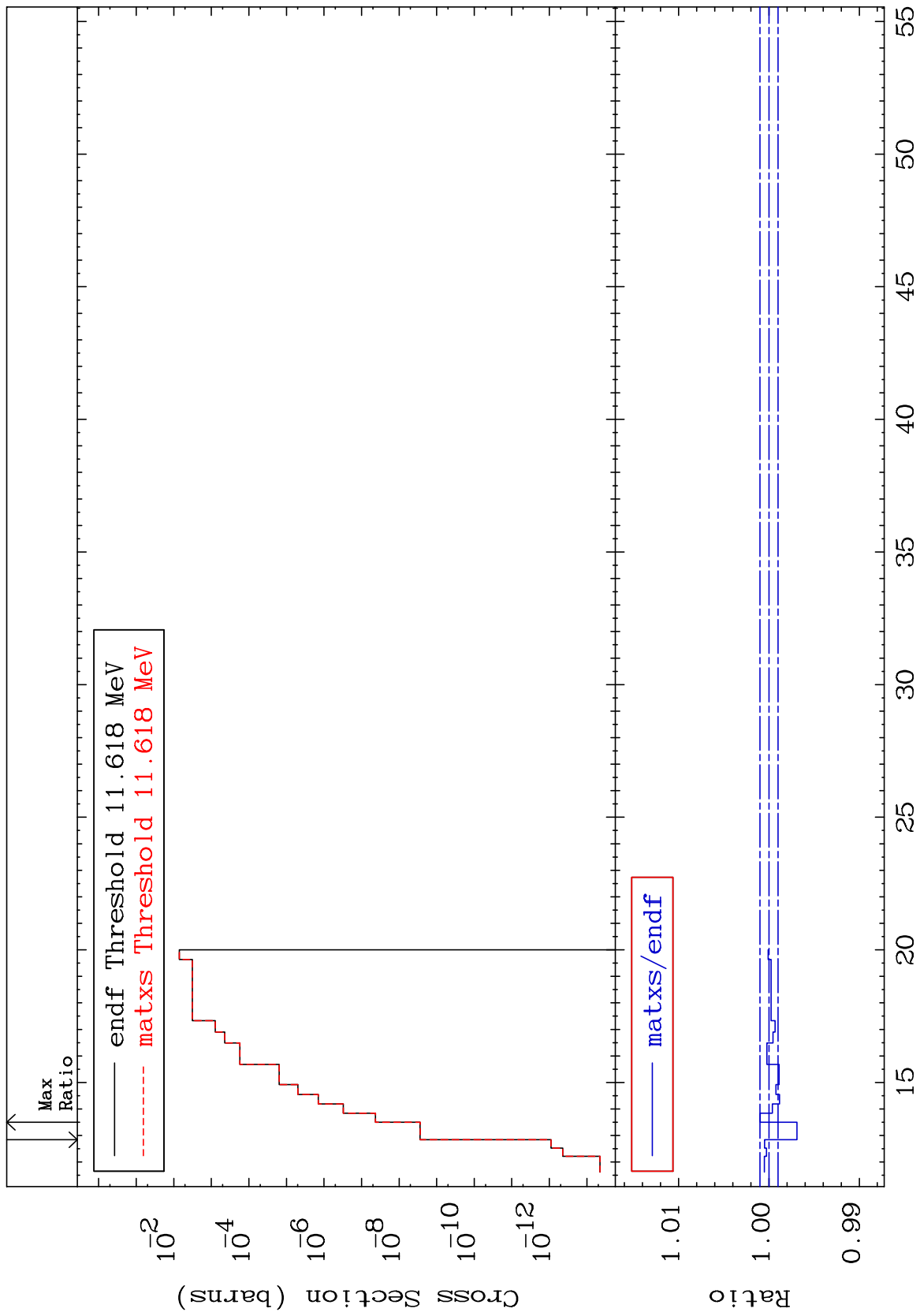
(n, n') α
Cross Section



MAT 4043

(n, n') p
Cross Section

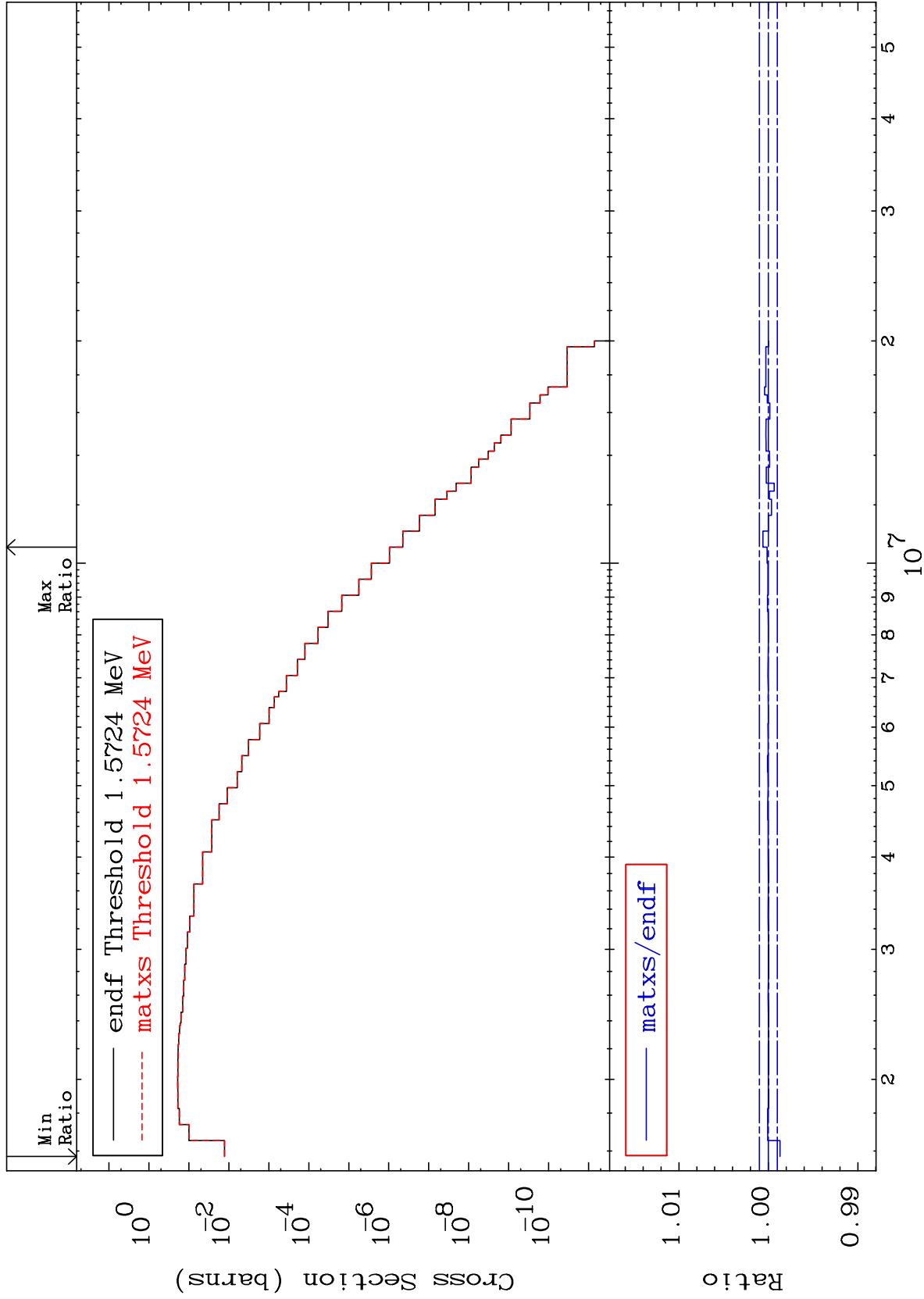
40-Zr-96
-0.311 To 0.097 %



MAT 4043

1.594 MeV (n,n') Level
Cross Section

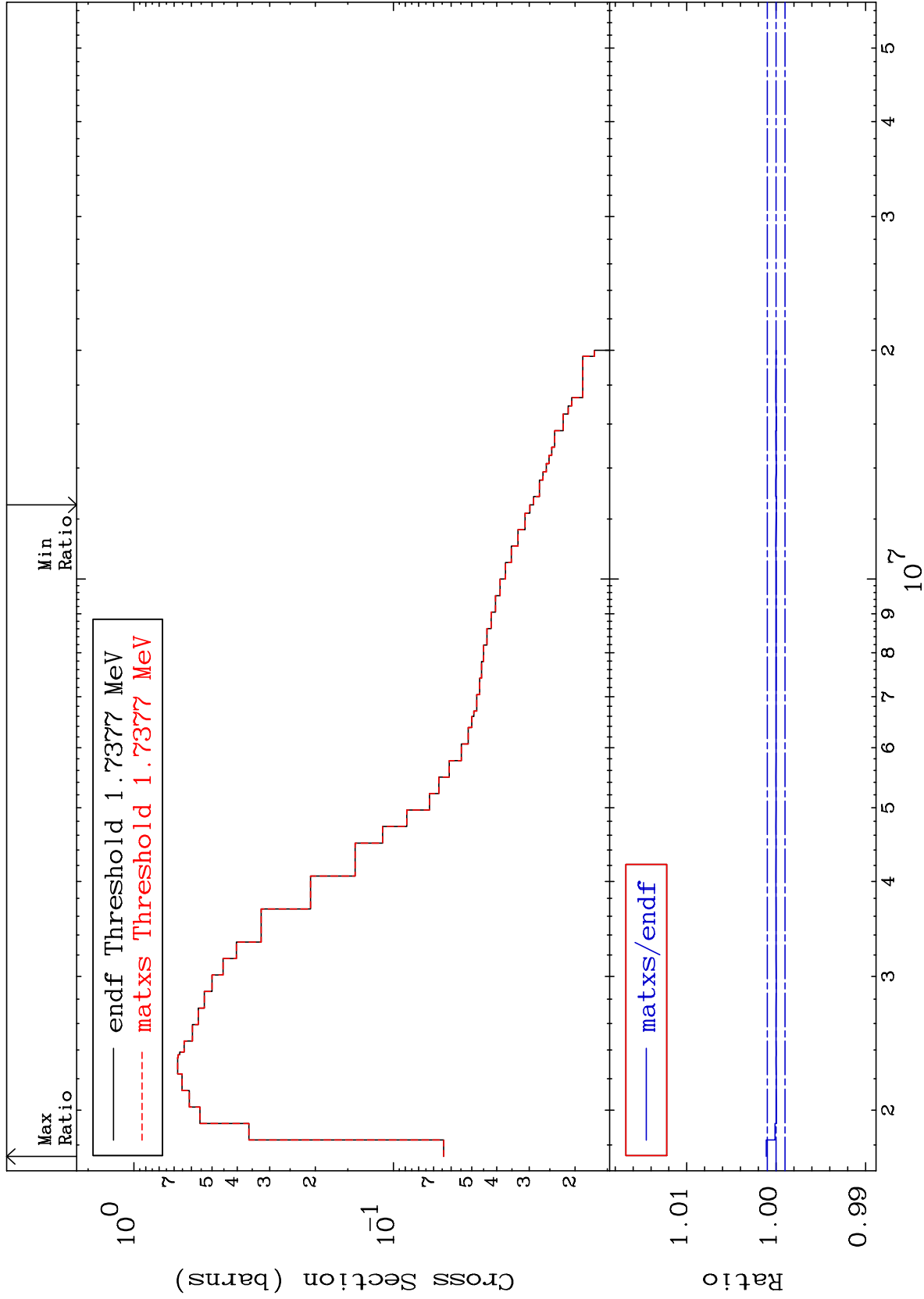
40-Zr-96
-0.129 To 0.062 %



MAT 4043

1.751 MeV (n,n') Level
Cross Section

40-Zr-96
-0.003 To 0.110 %



5

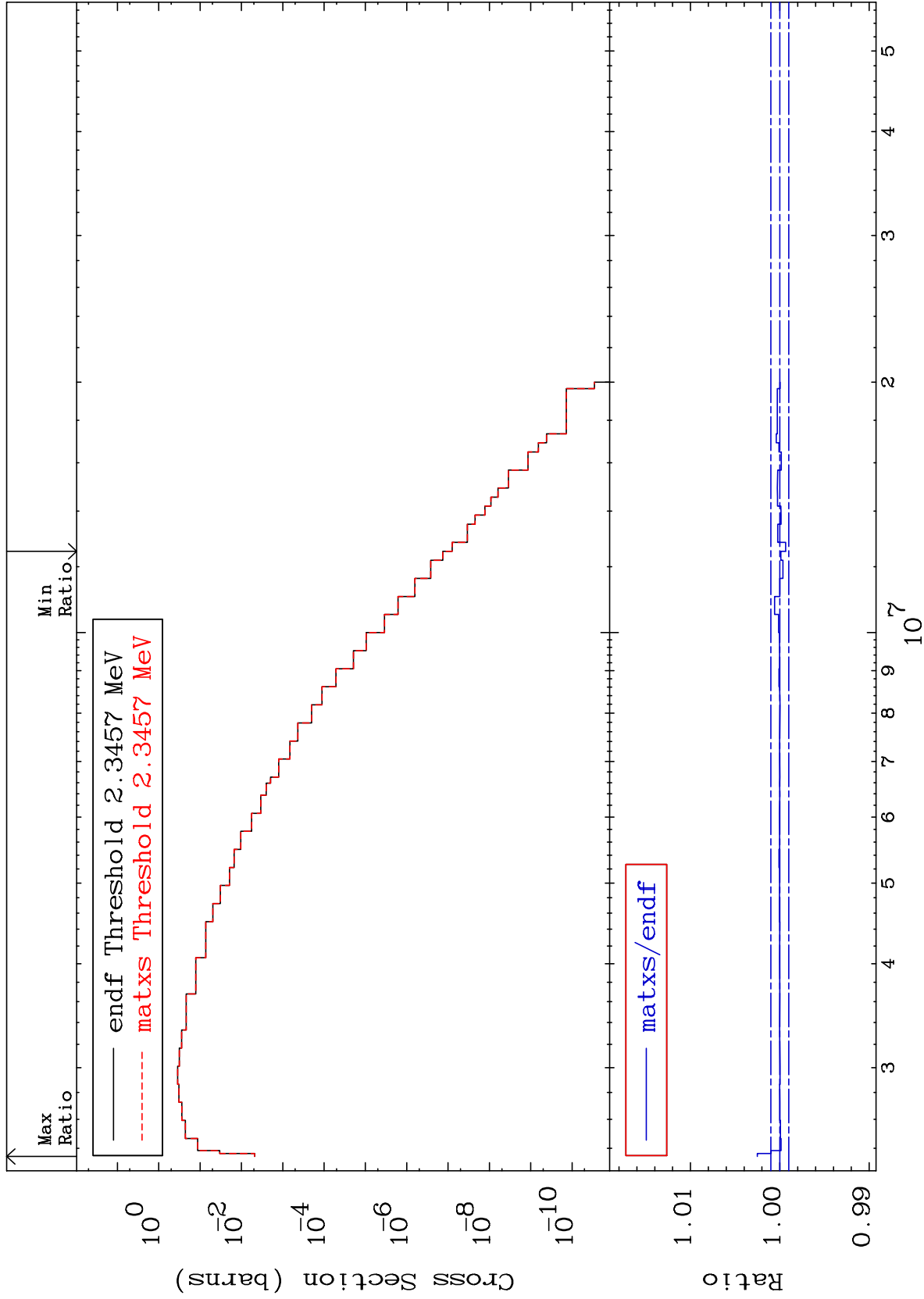
Incident Energy (eV)

40-Zr-96

MAT 4043

2.330 MeV (n,n') Level
Cross Section

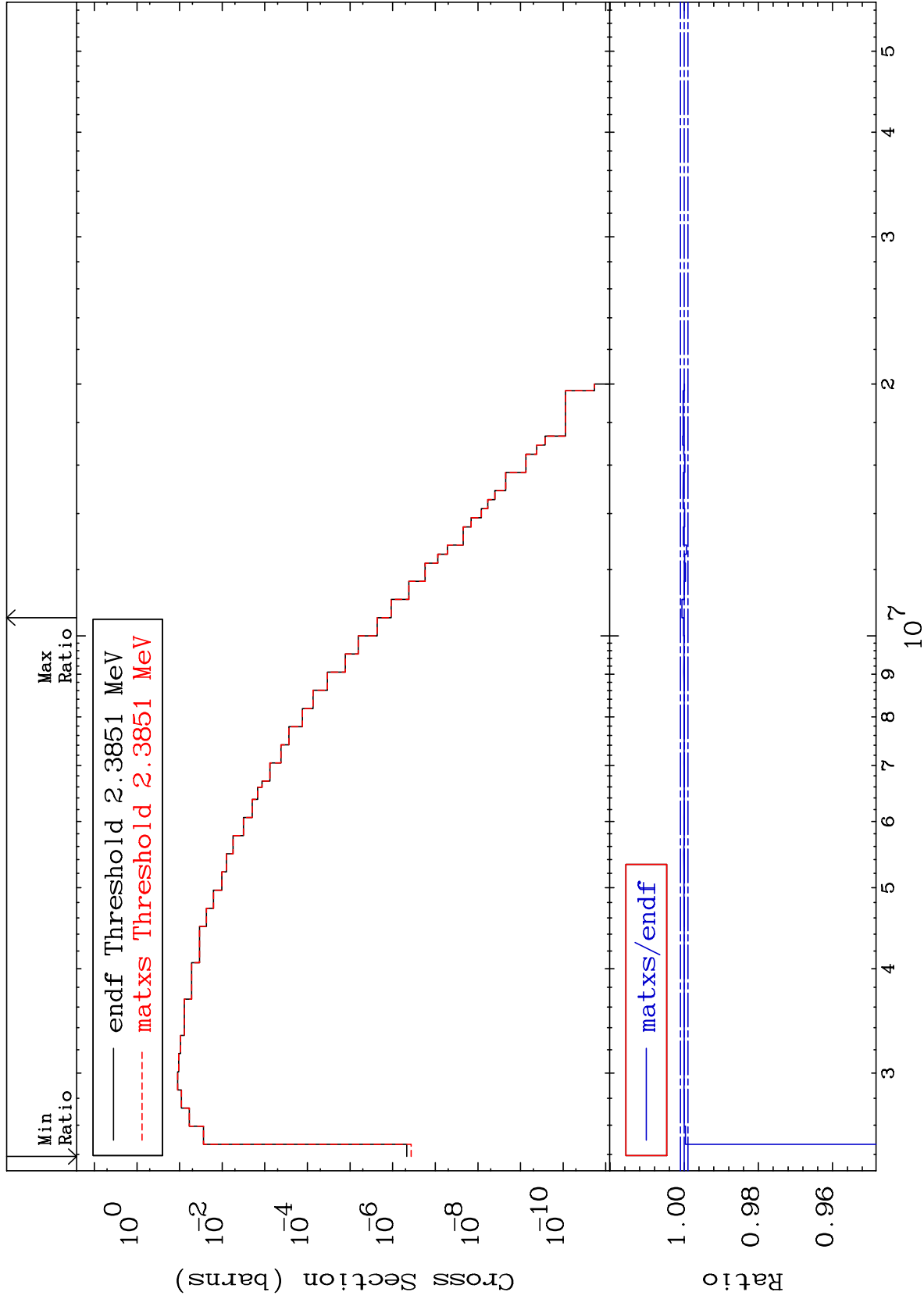
40-Zr-96
-0.064 To 0.253 %



MAT 4043

2.440 MeV (n,n') Level
Cross Section

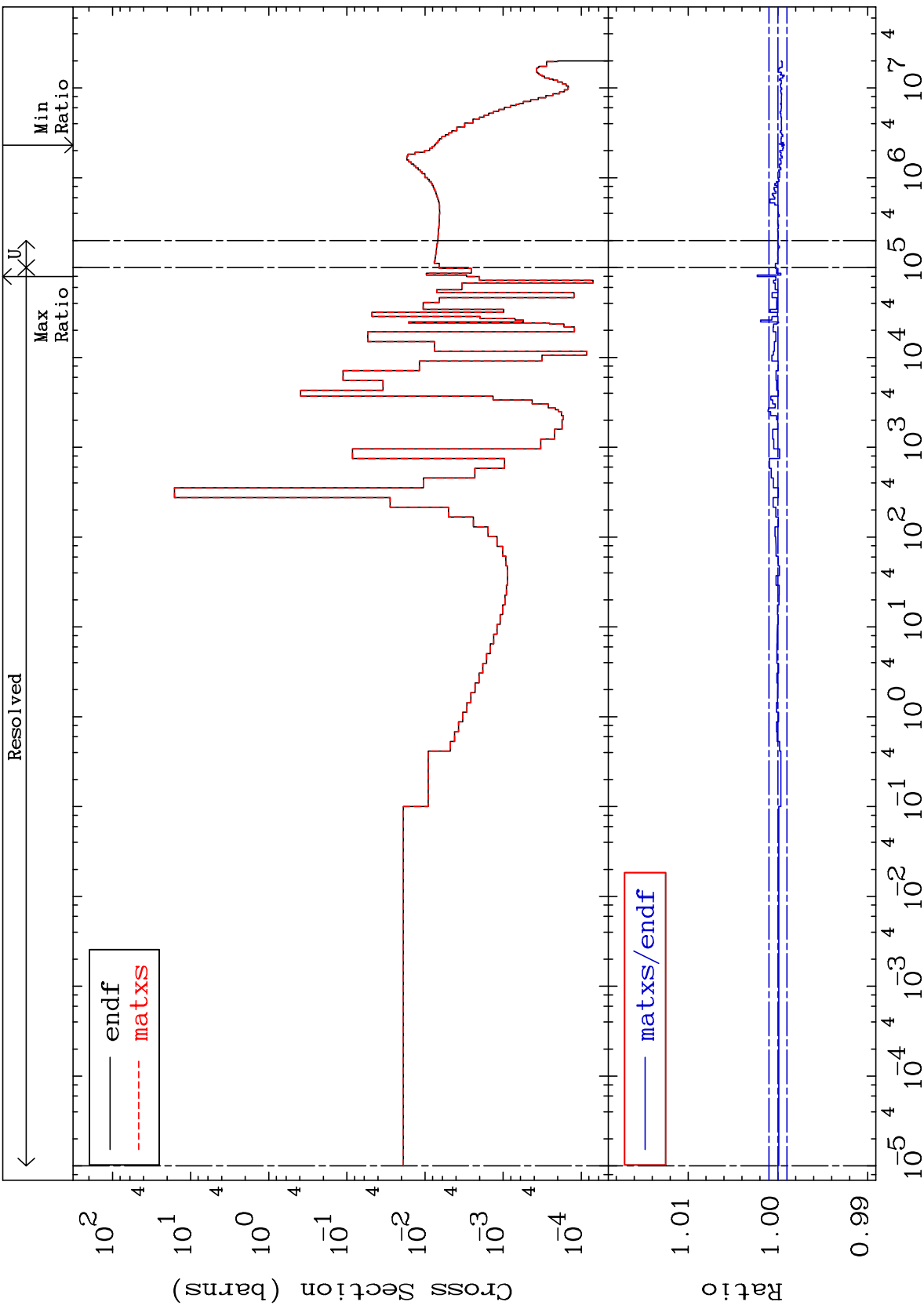
40-Zr-96
-21.16 To 0.061 %



MAT 4043

(n, γ)
Cross Section

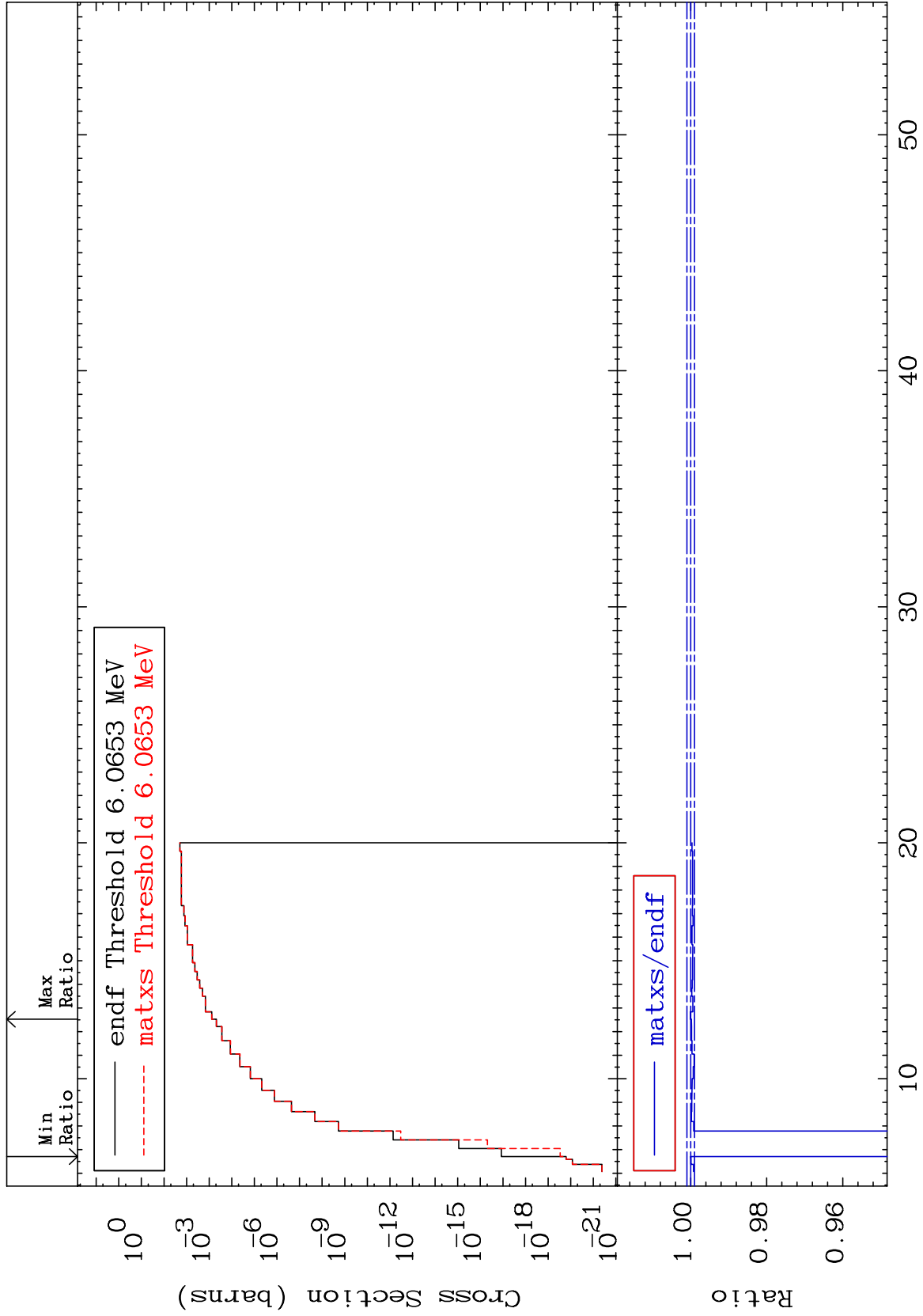
40-Zr-96
-0.071 To 0.230 %



MAT 4043

(n,p)
Cross Section

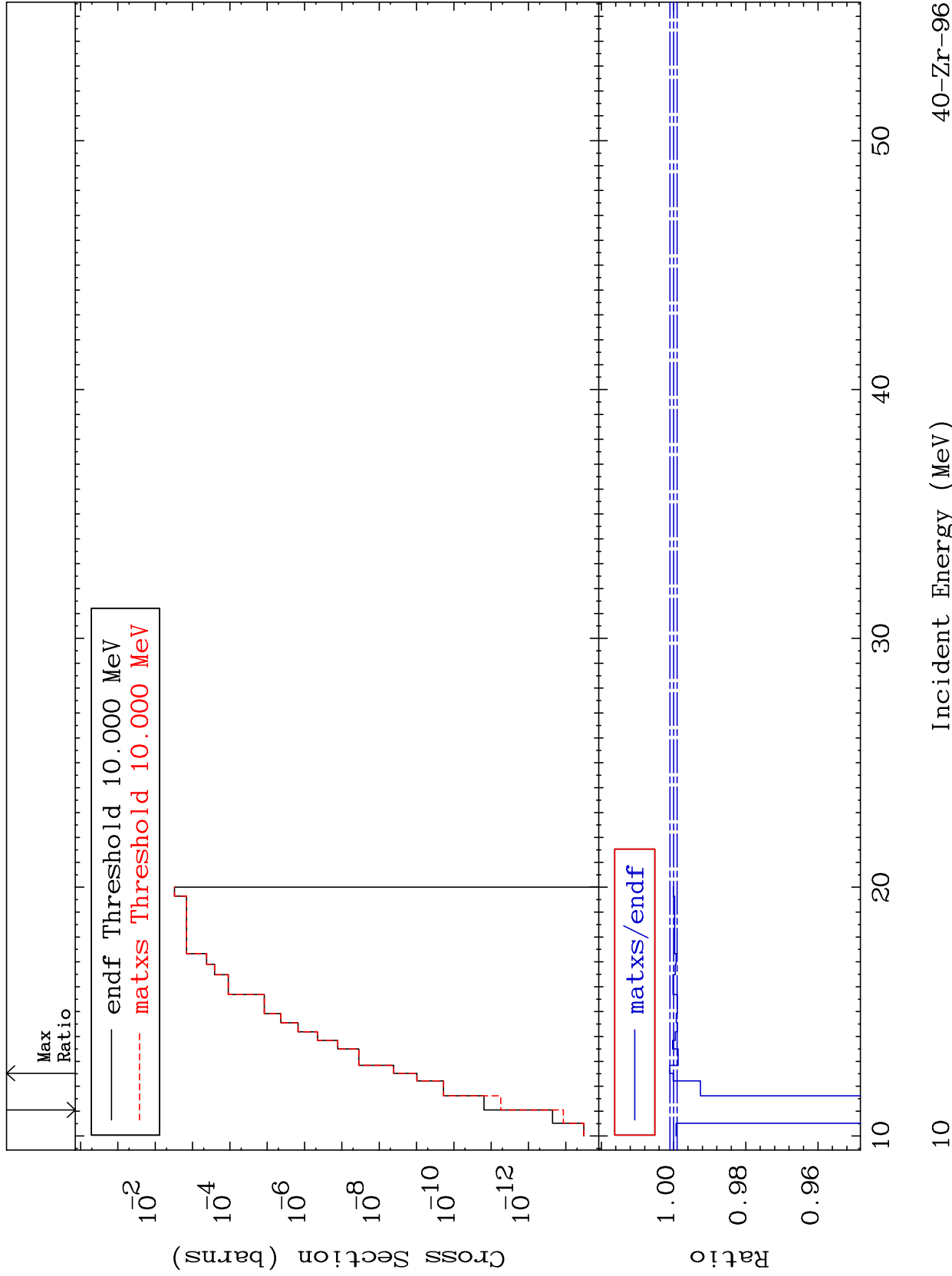
40-Zr-96
-99.75 To 0.003 %



MAT 4043

(n,d)
Cross Section

40-Zr-96
-64.14 To 0.105 %



10

Incident Energy (MeV)

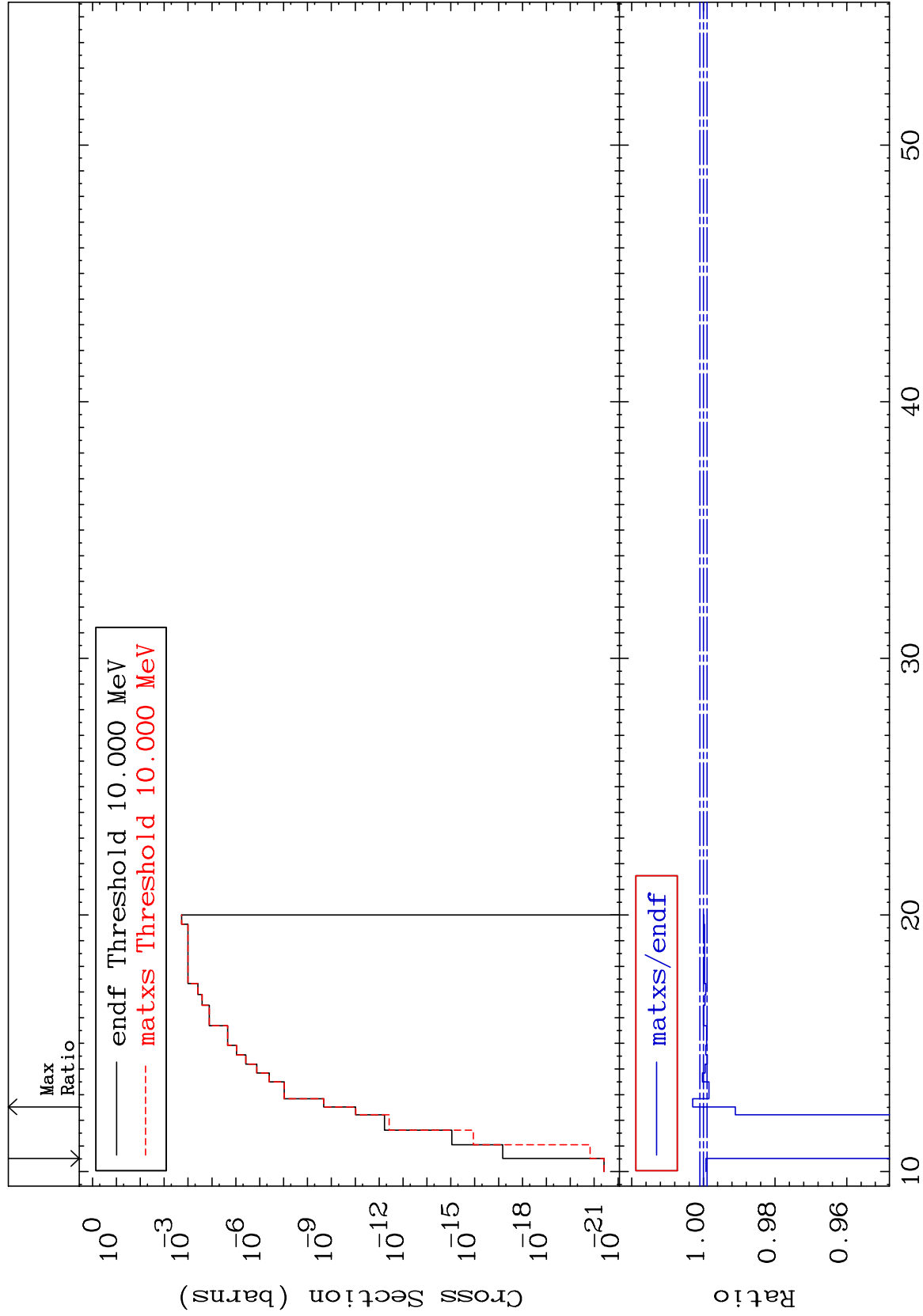
50

40-Zr-96

MAT 4043

(n, t)
Cross Section

40-Zr-96
-99.98 To 0.297 %



11

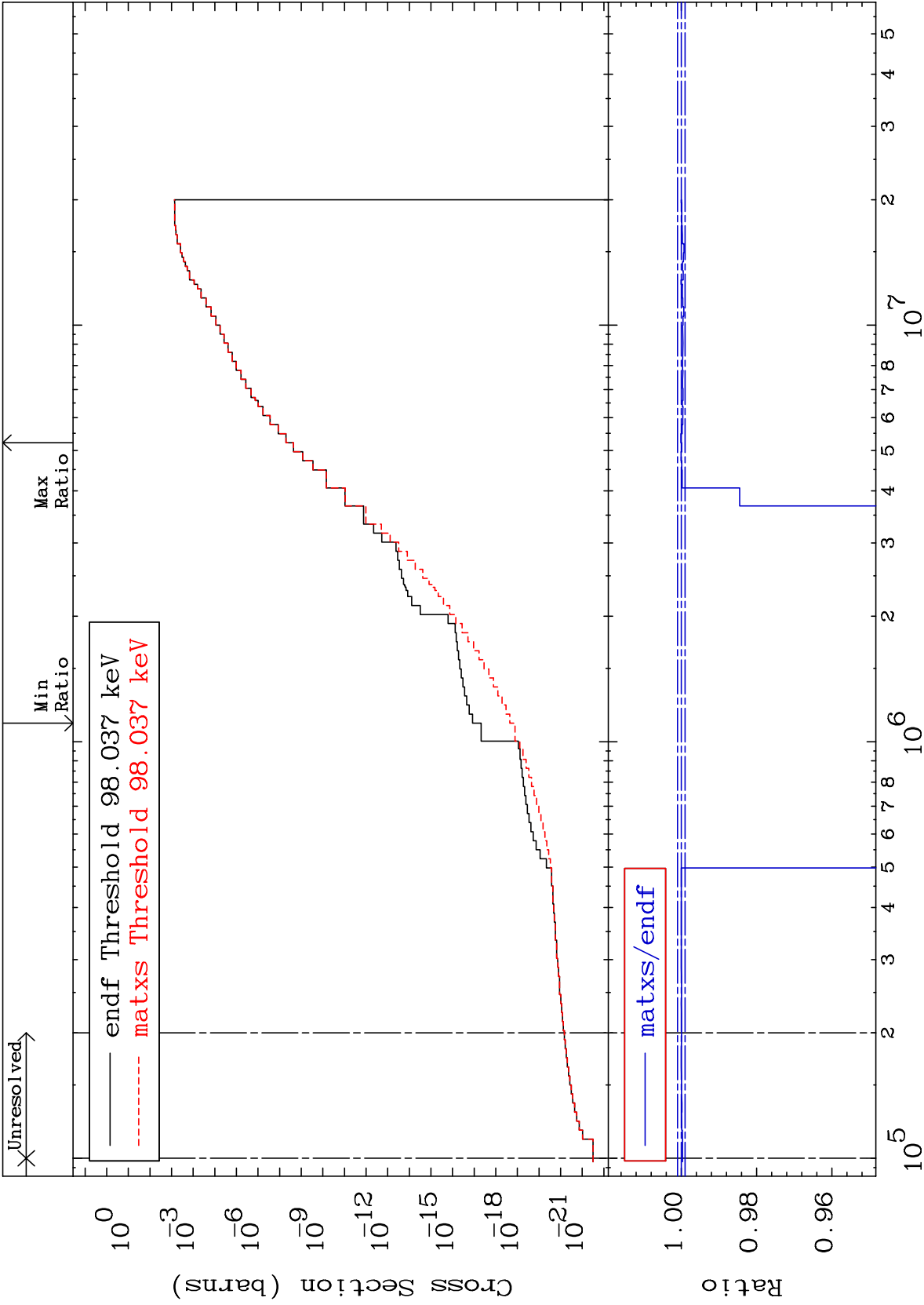
Incident Energy (MeV)

40-Zr-96

MAT 4043

40-Zr-96
-98.11 To 0.008 %

(n, α)
Cross Section



40-Zr-96

12