

Program Complot
(Version 2015-2)

by

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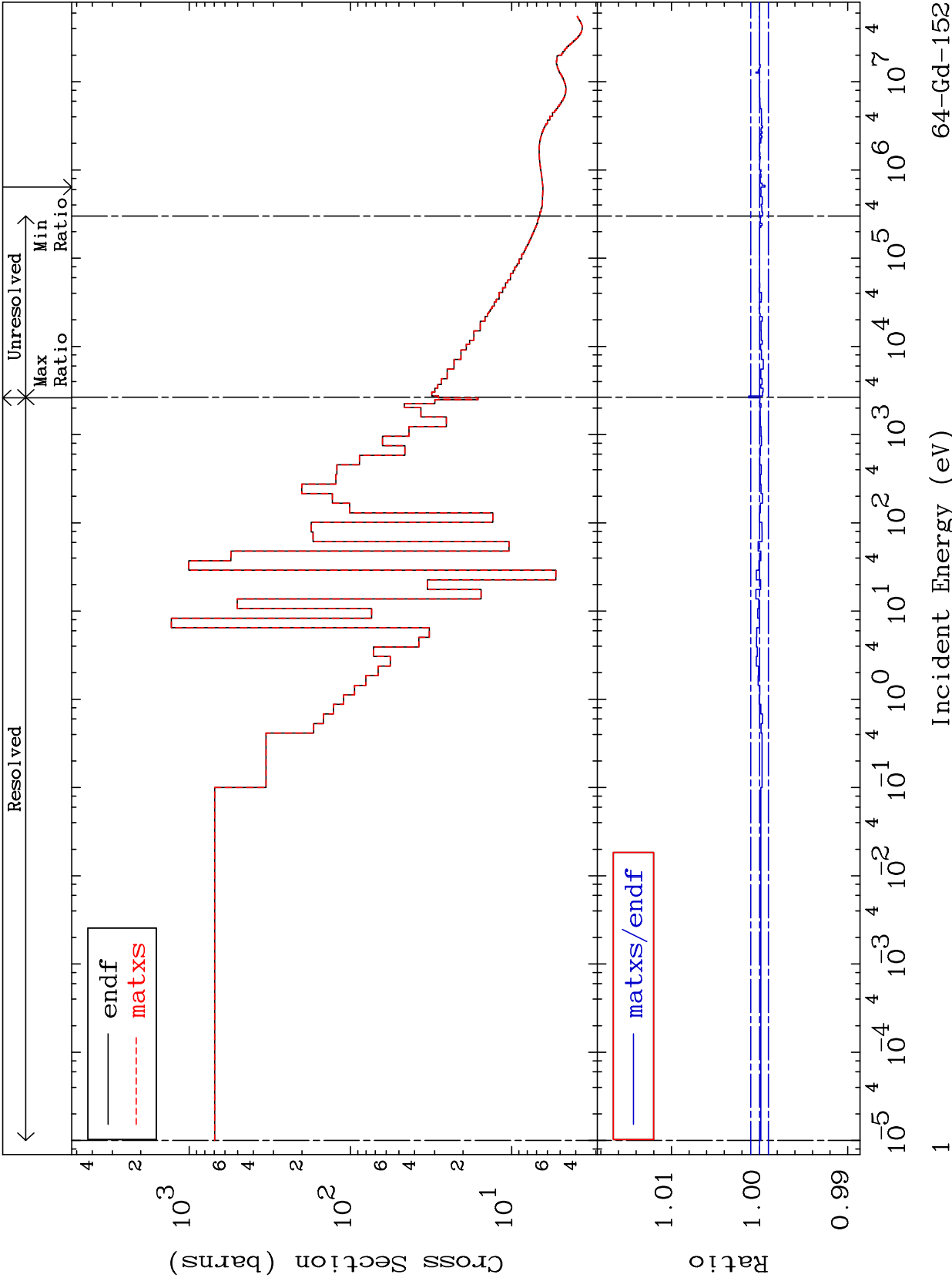
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6425

Total
Cross Section

64-Gd-152
-0.062 To 0.124 %

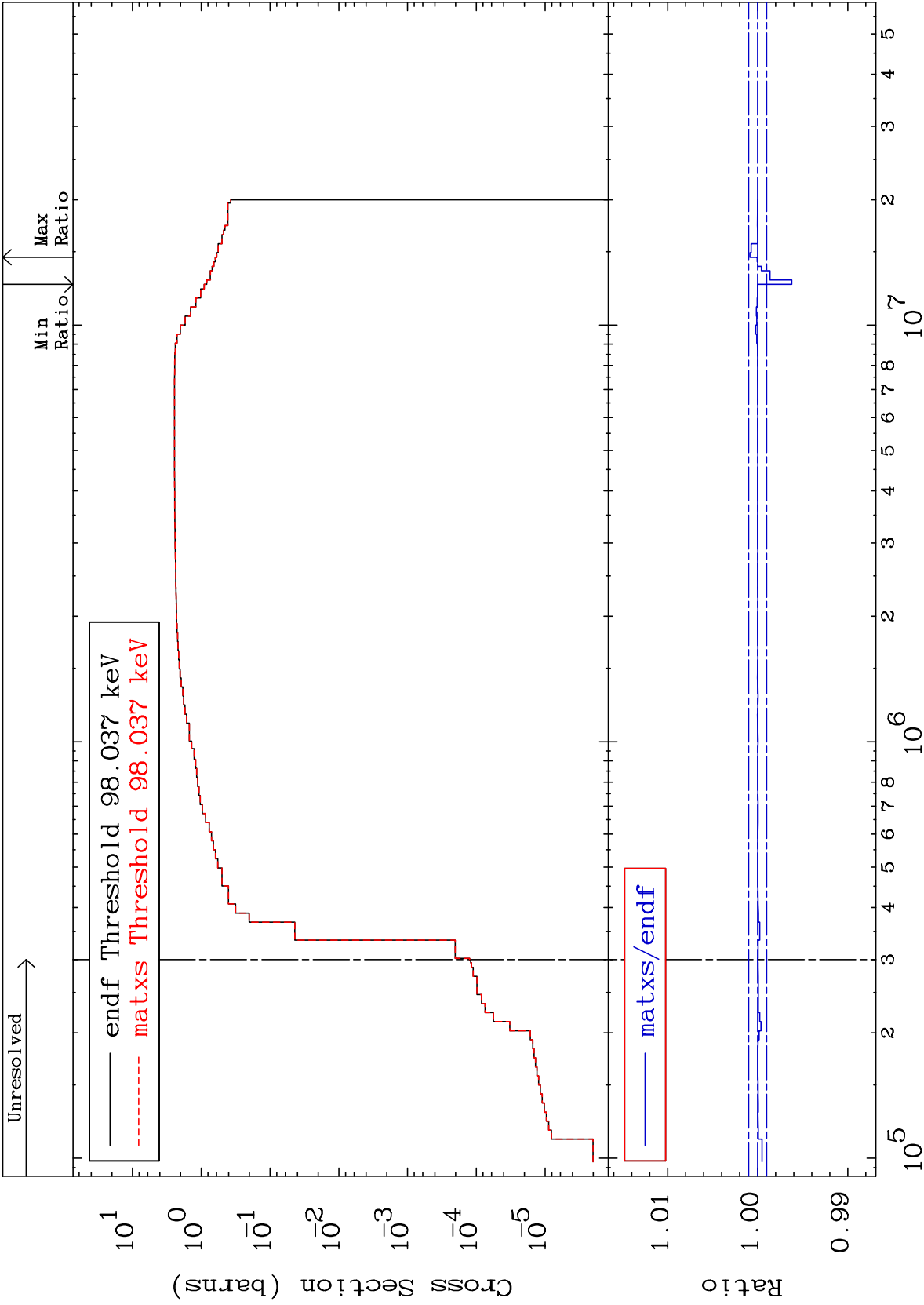


64-Gd-152

MAT 6425

Inelastic
Cross Section

64-Gd-152
-0.377 To 0.088 %

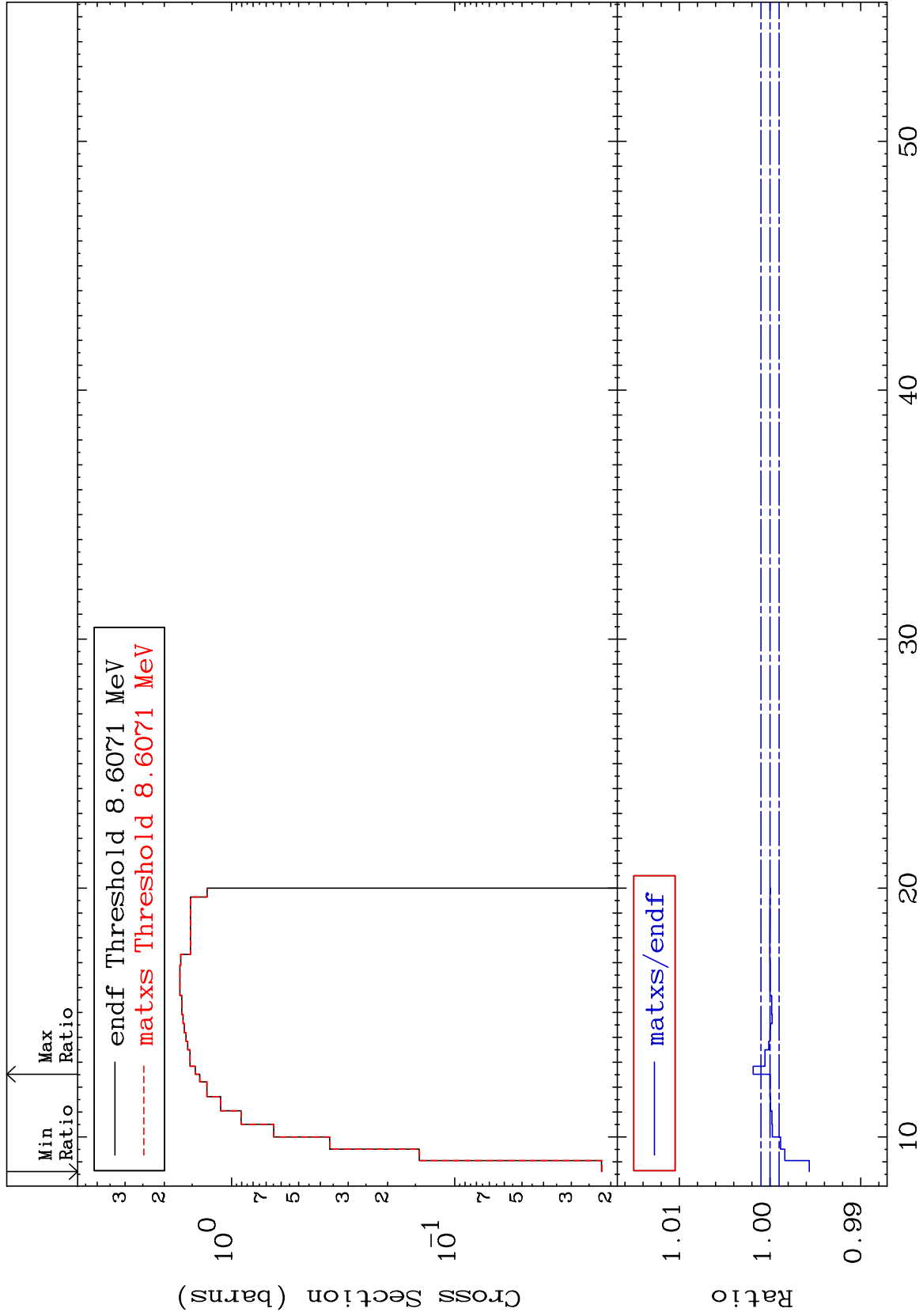


64-Gd-152

MAT 6425

(n,2n)
Cross Section

64-Gd-152
-0.432 To 0.187 %



3

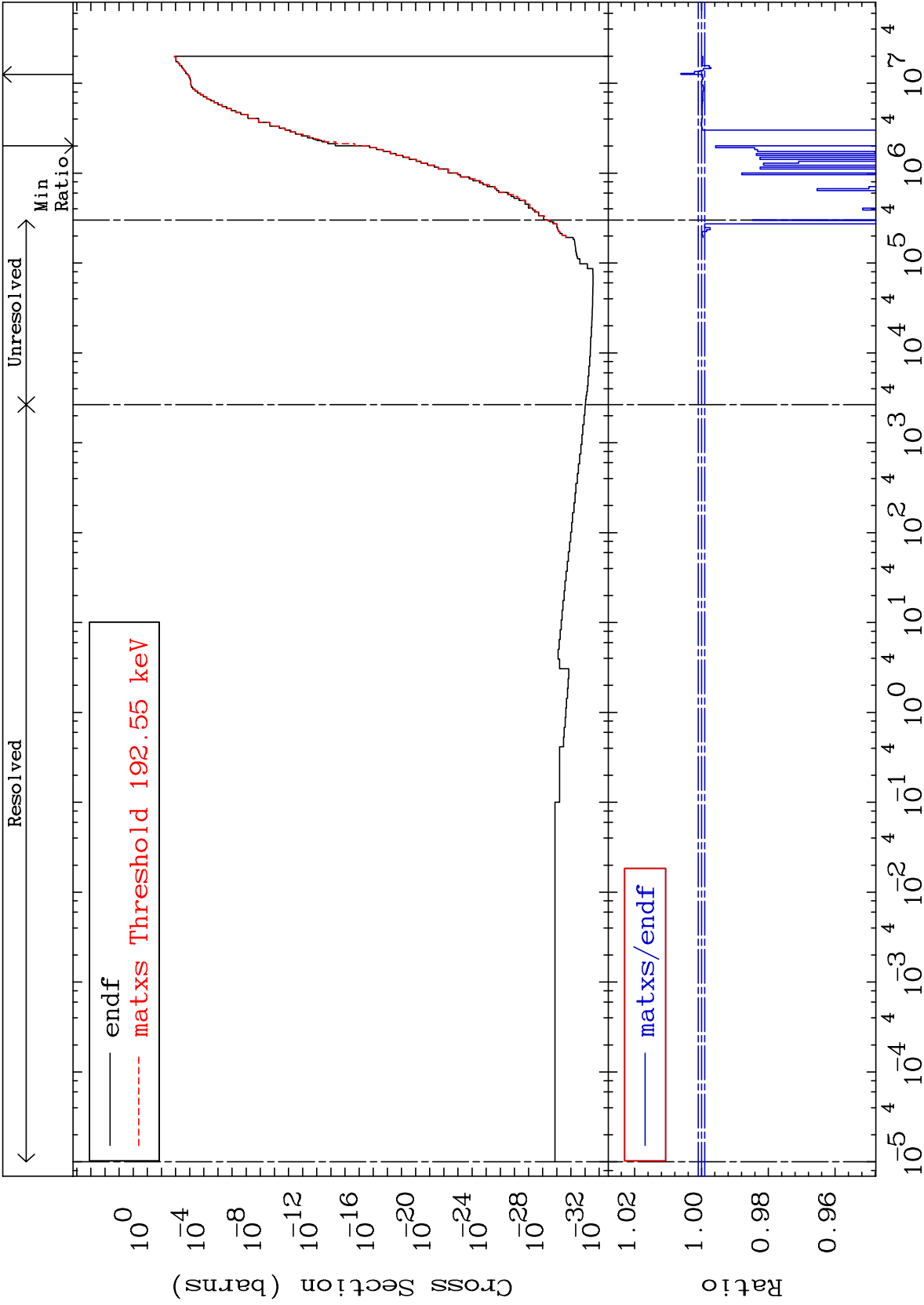
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152
-95.86 To 0.615 %



Incident Energy (eV)

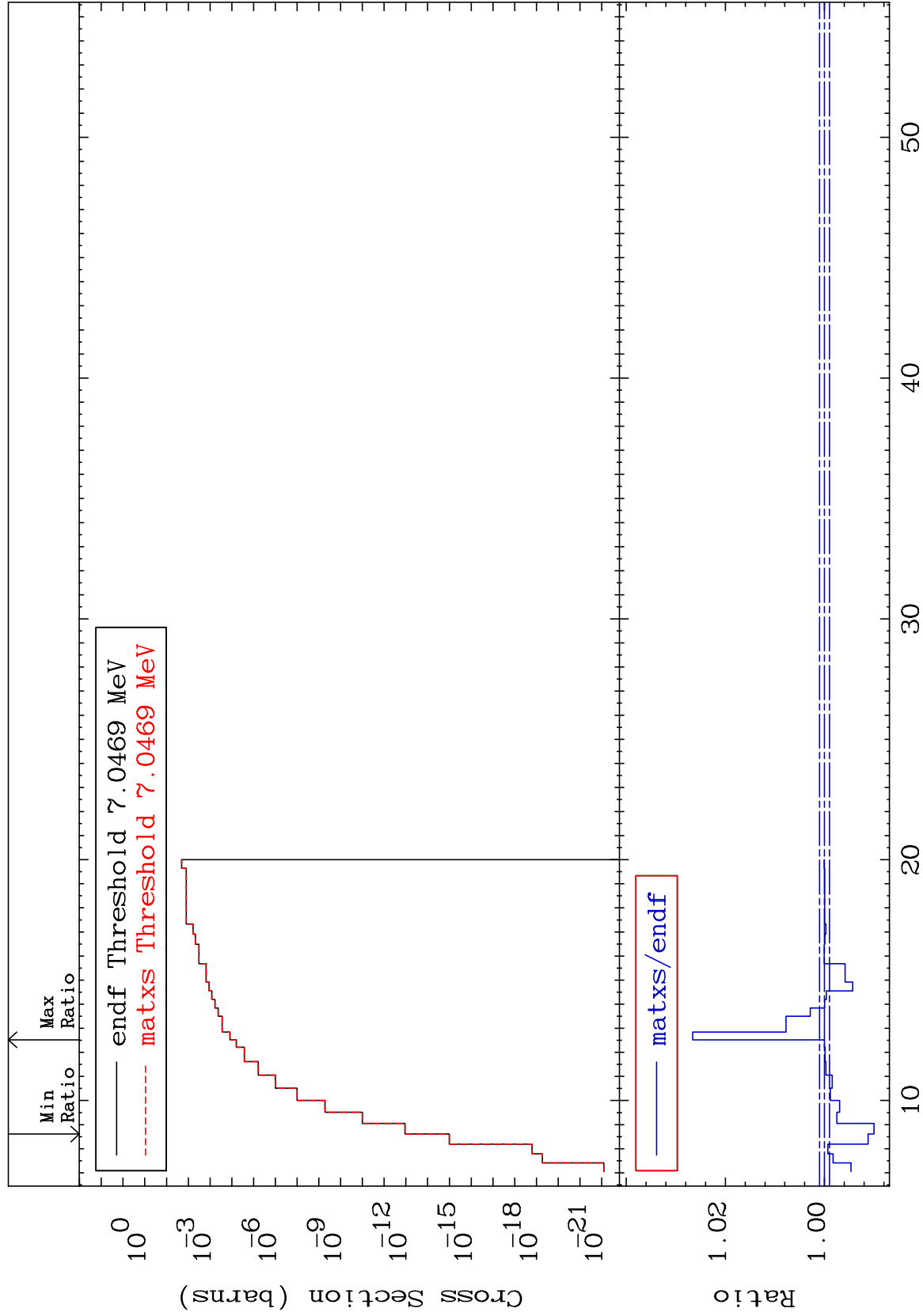
64-Gd-152

4

MAT 6425

(n, n') p
Cross Section

64-Gd-152
-1.000 To 2.658 %



5

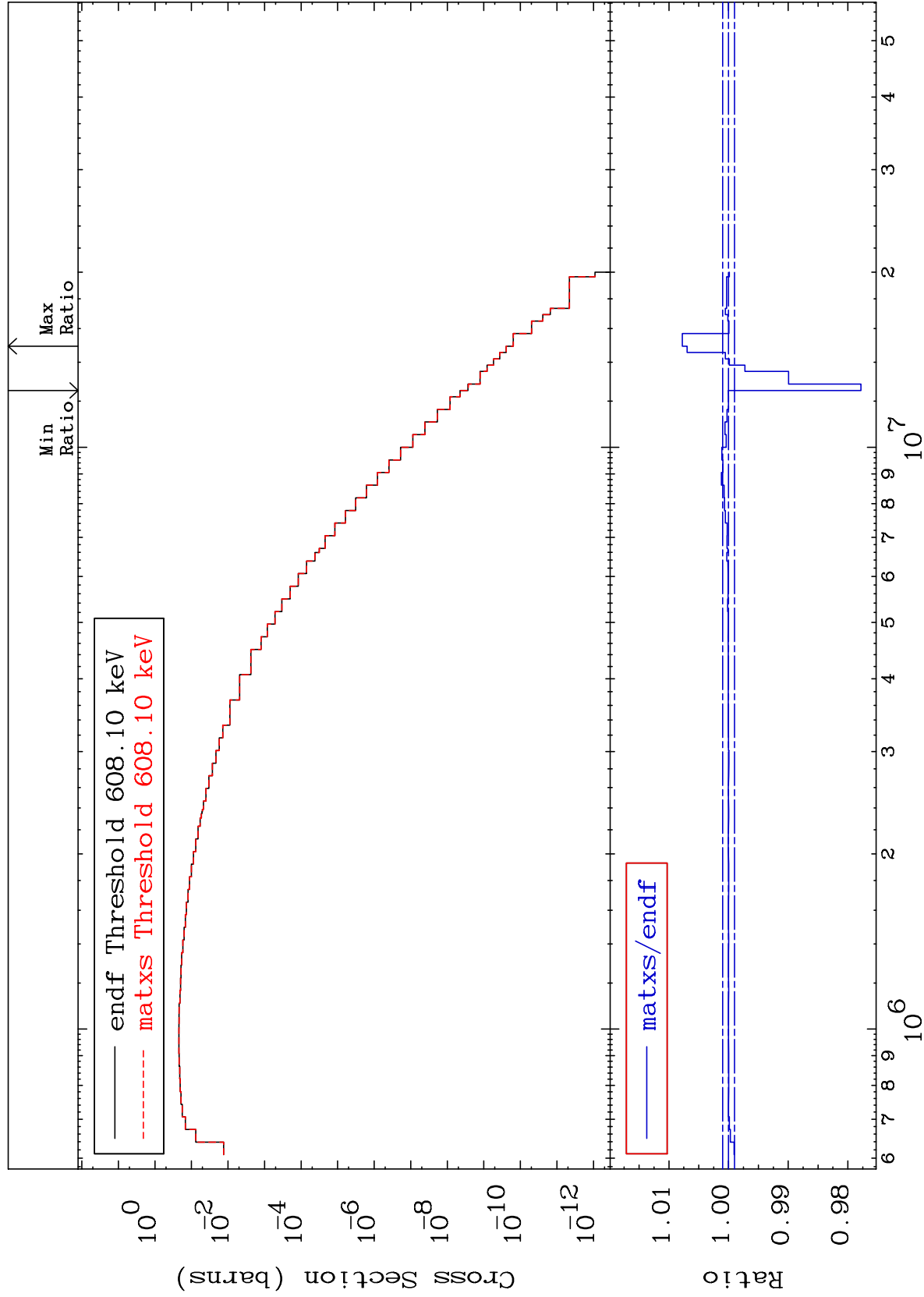
Incident Energy (MeV)

64-Gd-152

MAT 6425

615.4 keV (n,n') Level
Cross Section

64-Gd-152
-2.219 To 0.774 %



6

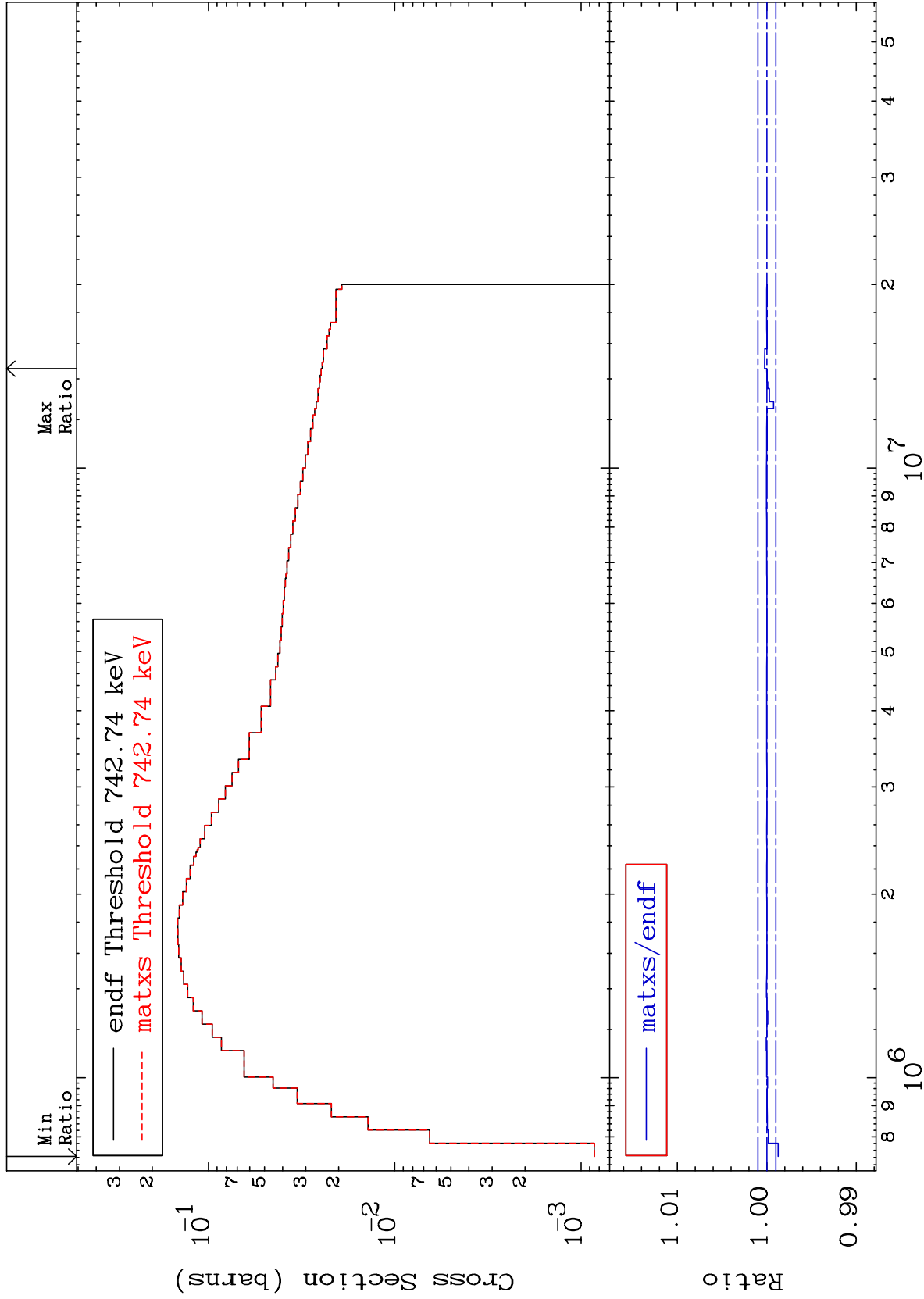
Incident Energy (eV)

64-Gd-152

MAT 6425

755.4 keV (n,n') Level
Cross Section

64-Gd-152
-0.127 To 0.025 %



7

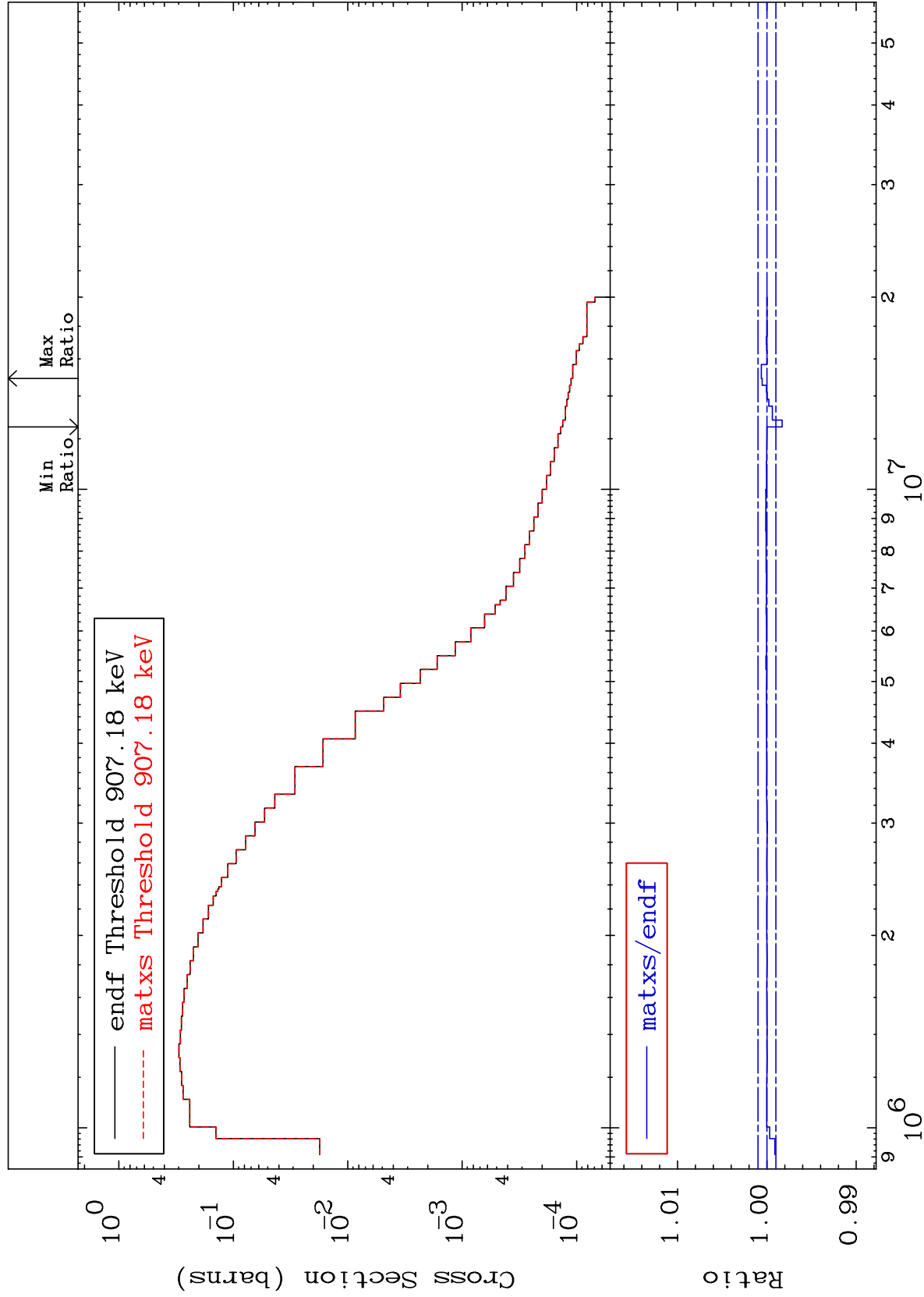
Incident Energy (eV)

64-Gd-152

MAT 6425

930.5 keV (n,n') Level
Cross Section

64-Gd-152
-0.169 To 0.063 %



8

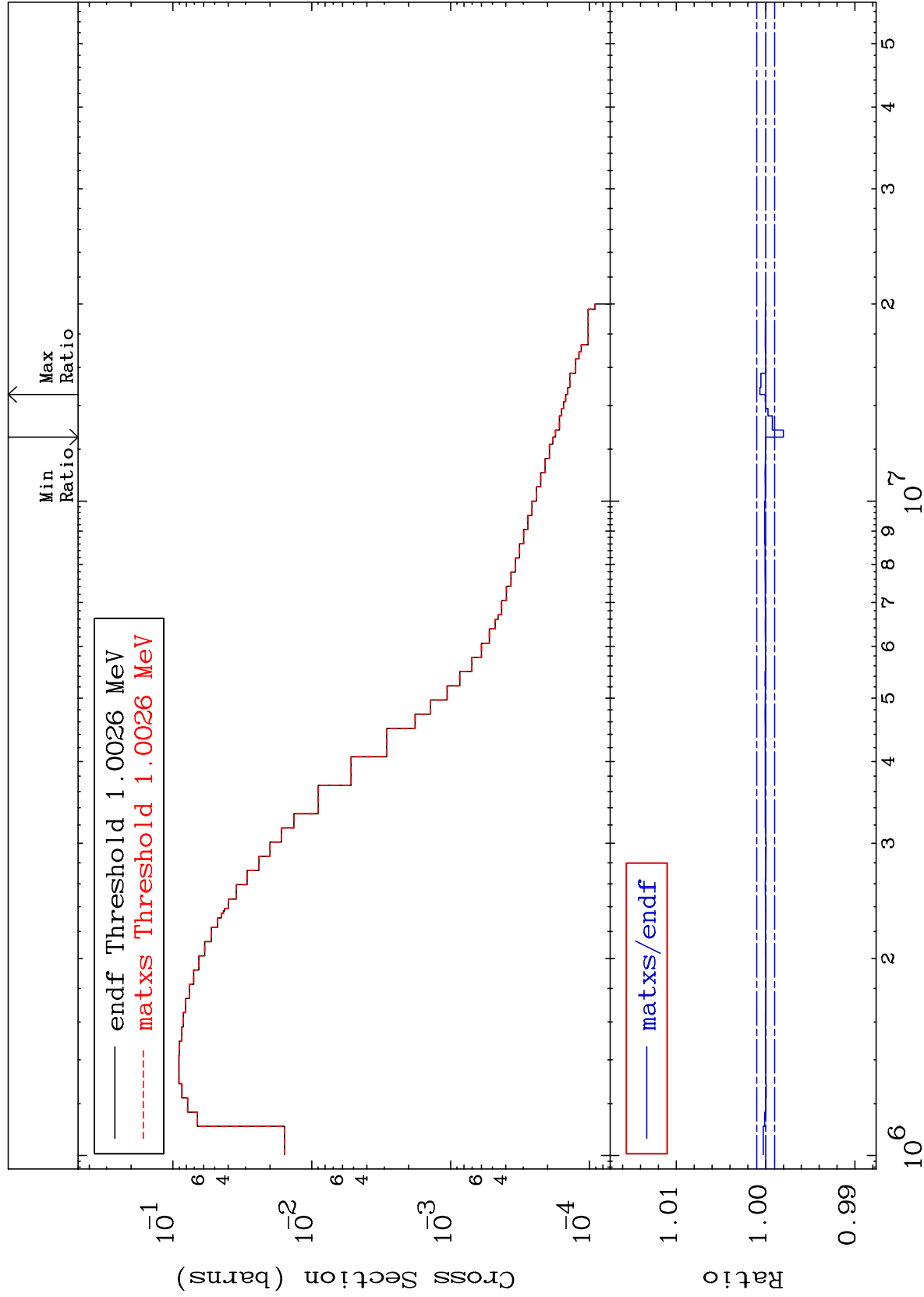
Incident Energy (eV)

64-Gd-152

MAT 6425

1.048 MeV (n,n') Level
Cross Section

64-Gd-152
-0.198 To 0.063 %



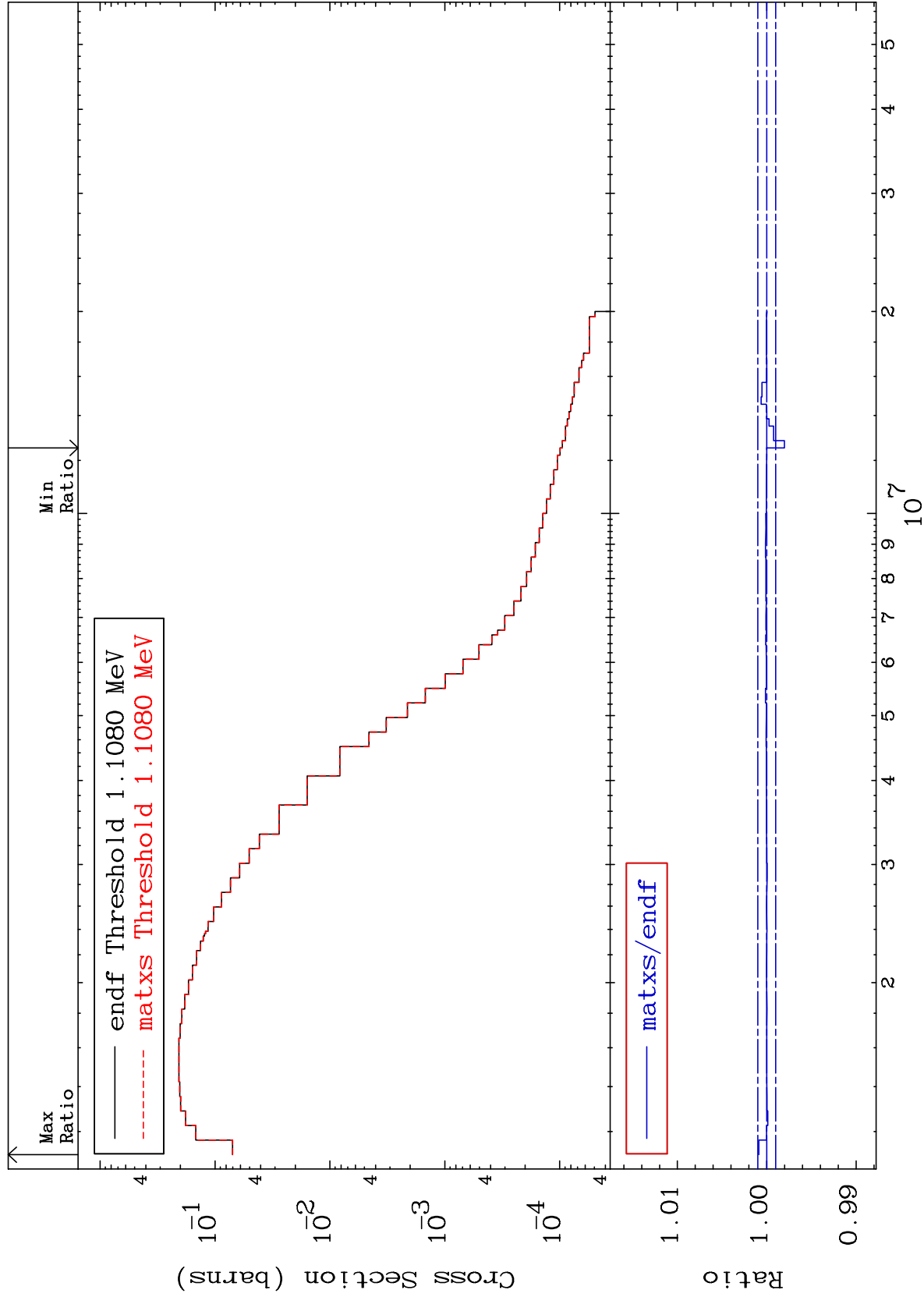
Incident Energy (eV)

64-Gd-152

MAT 6425

1.109 MeV (n,n') Level
Cross Section

64-Gd-152
-0.197 To 0.088 %



10

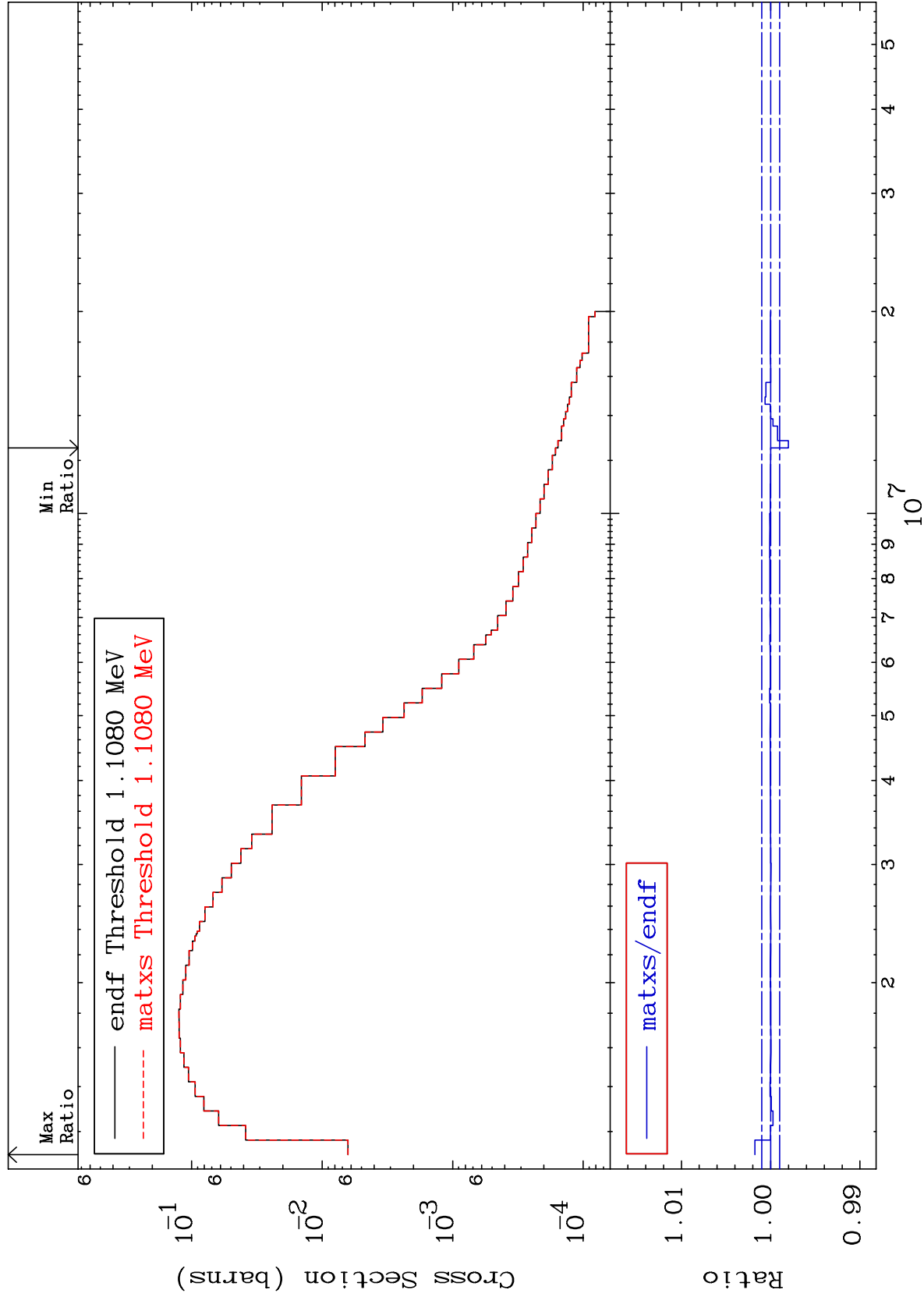
Incident Energy (eV)

64-Gd-152

MAT 6425

1.123 MeV (n,n') Level
Cross Section

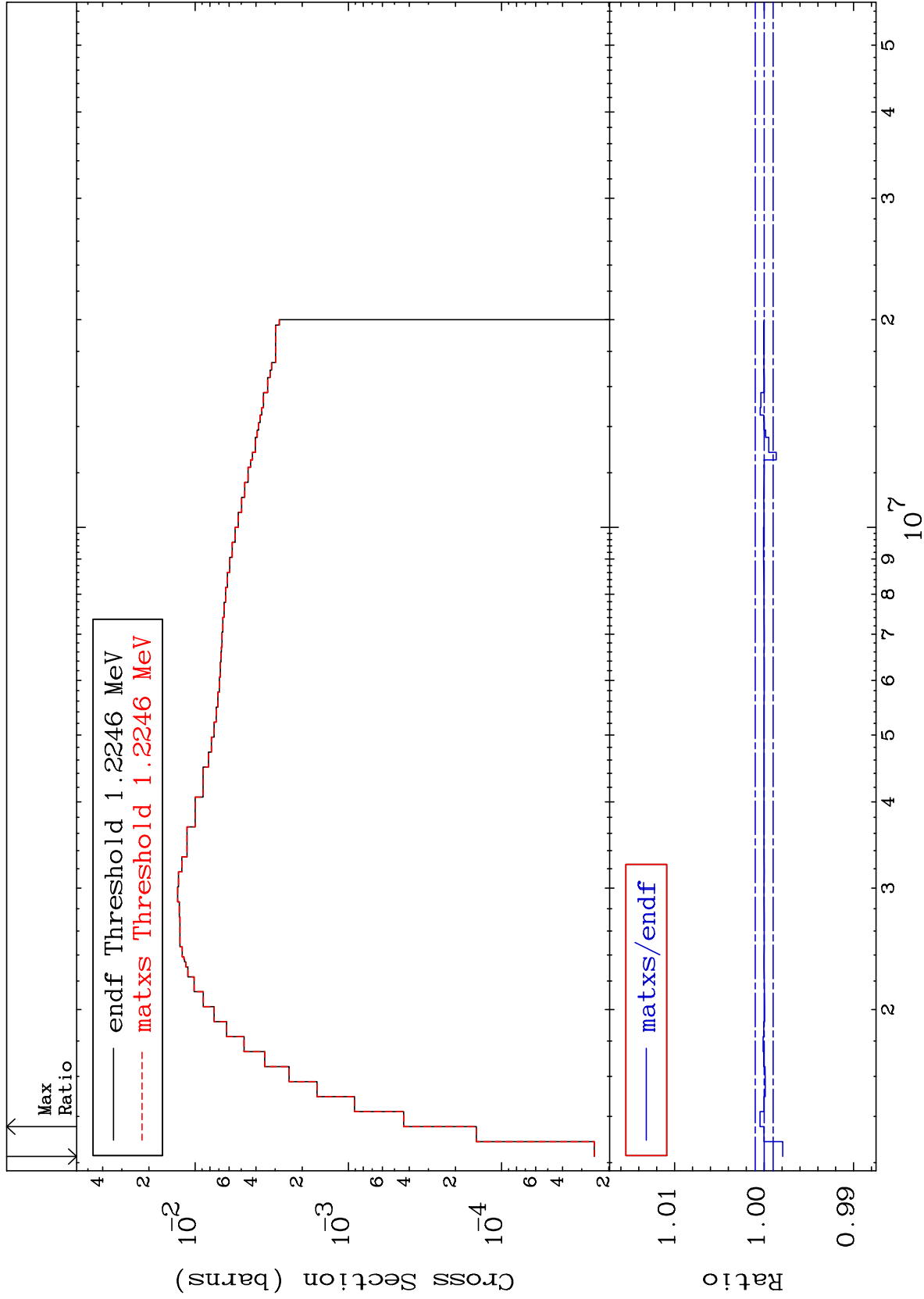
64-Gd-152
-0.198 To 0.176 %



MAT 6425

1.227 MeV (n,n') Level
Cross Section

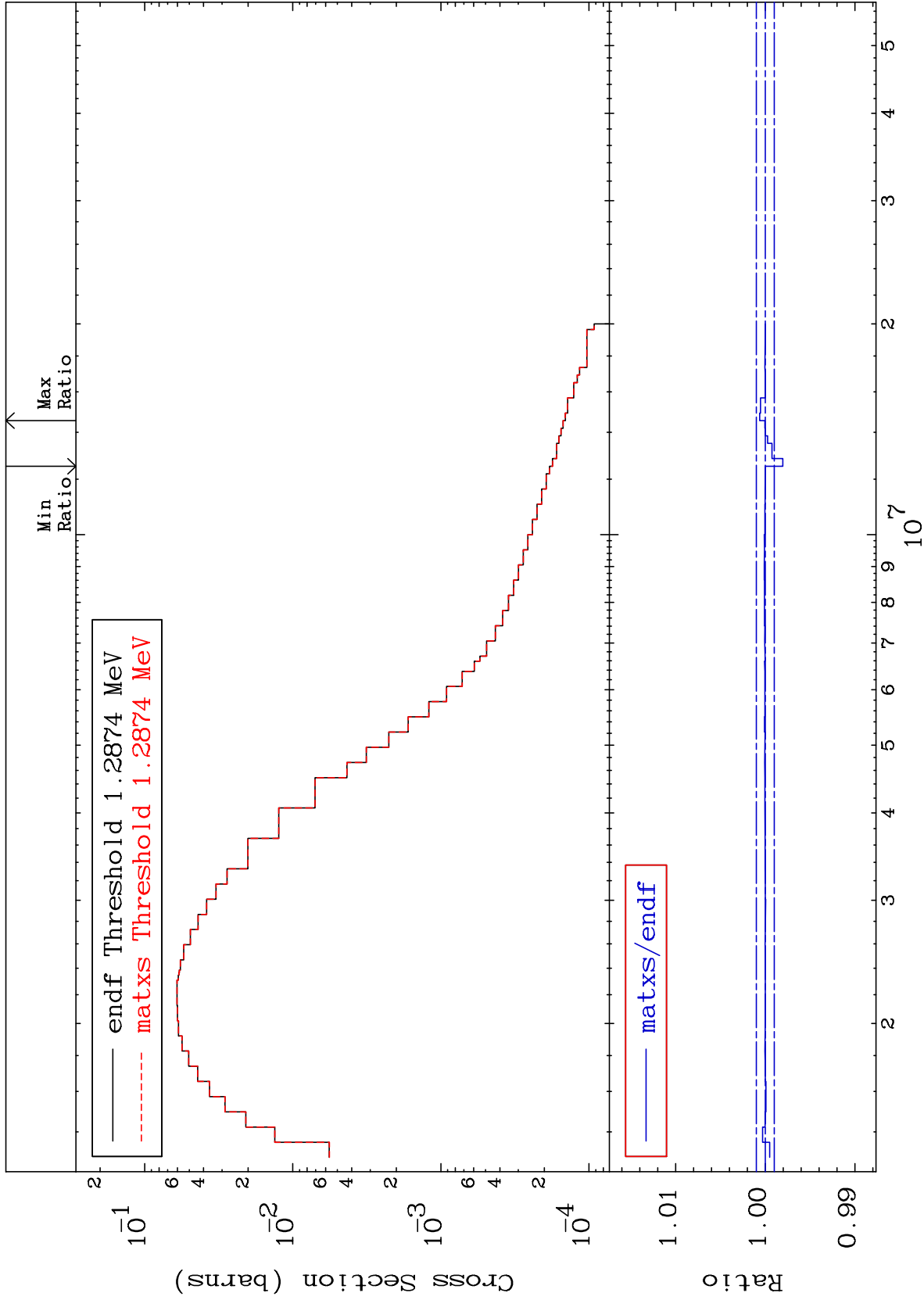
64-Gd-152
-0.208 To 0.045 %



MAT 6425

1.282 MeV (n,n') Level
Cross Section

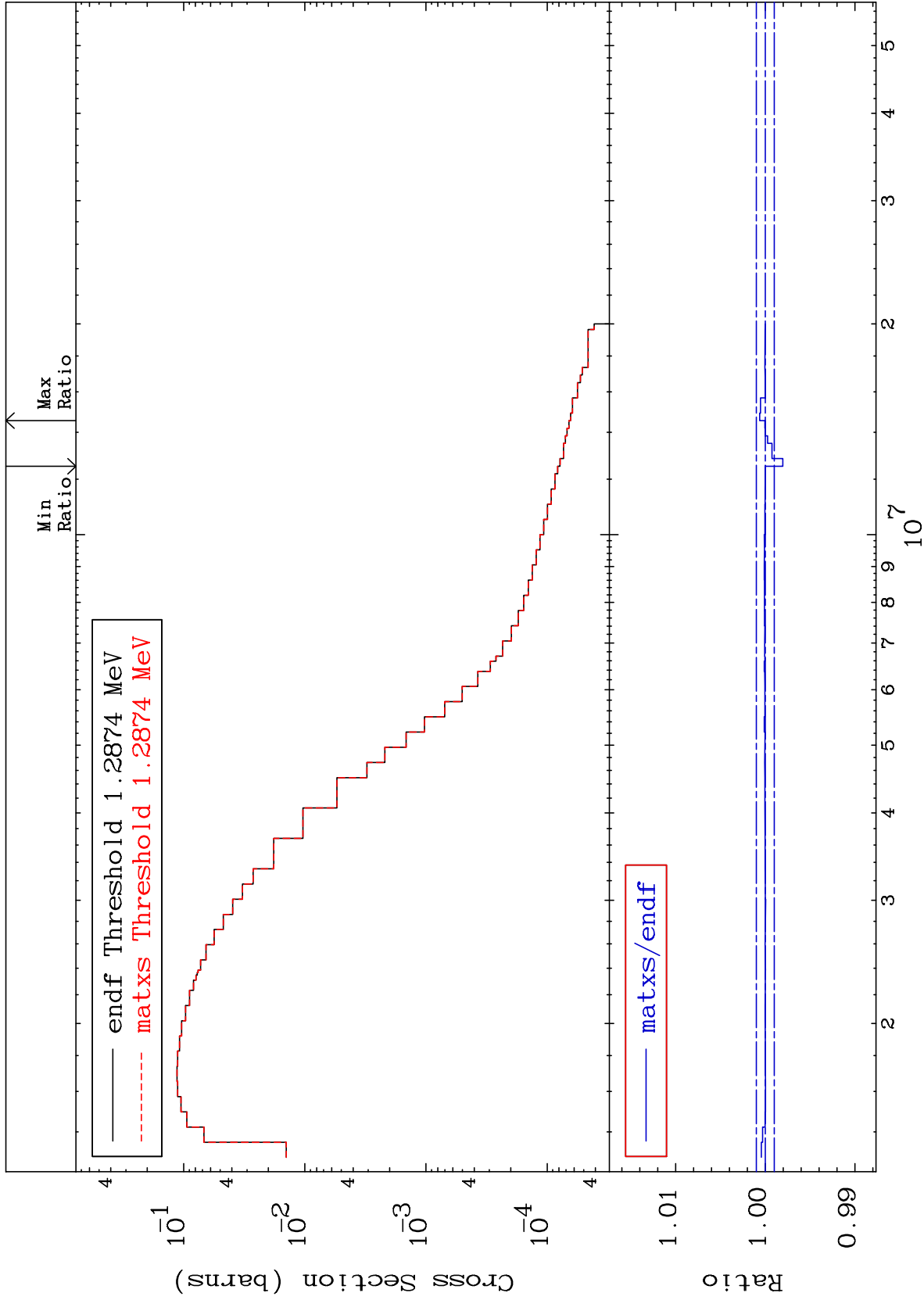
64-Gd-152
-0.196 To 0.062 %



MAT 6425

1.315 MeV (n,n') Level
Cross Section

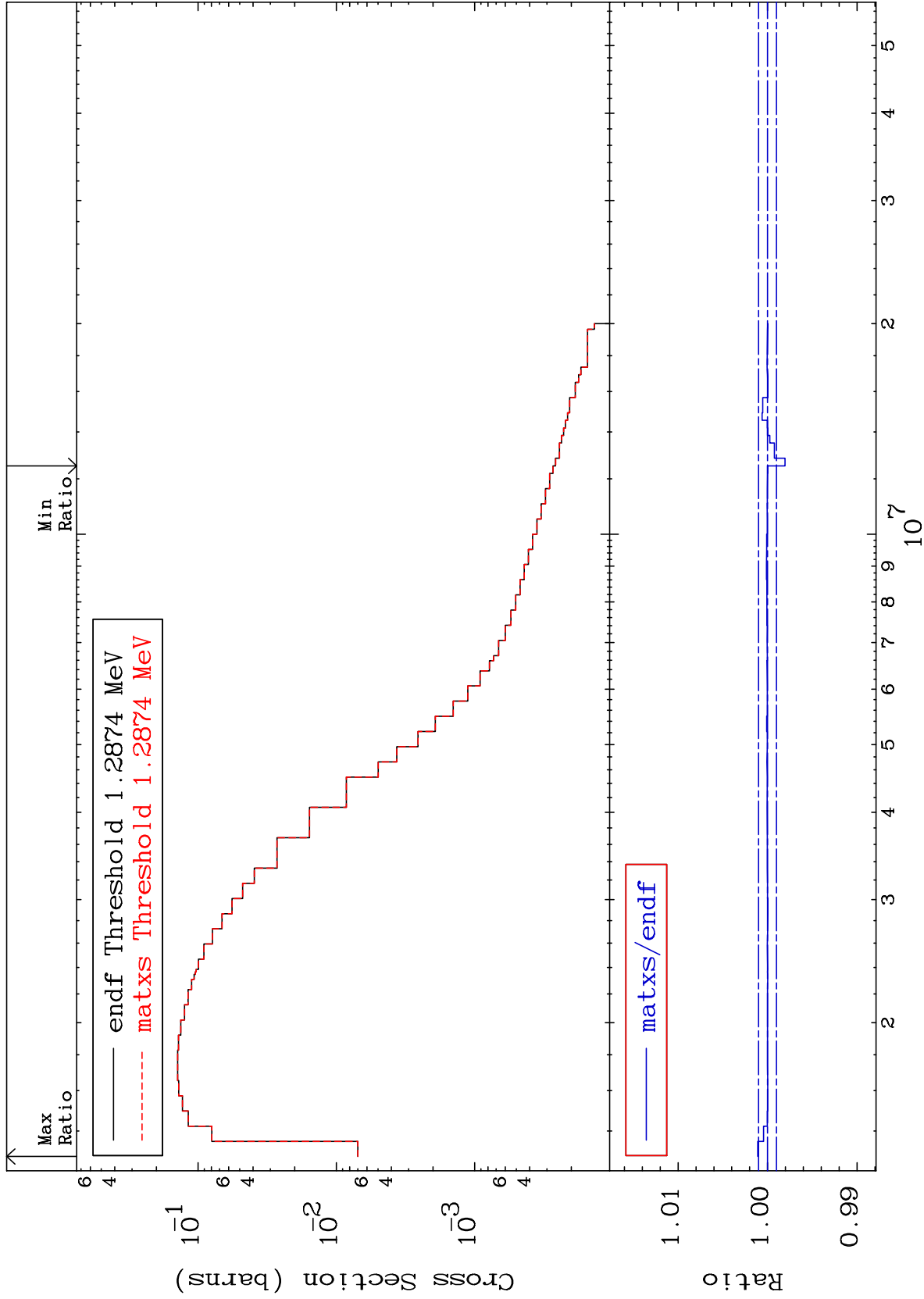
64-Gd-152
-0.195 To 0.062 %



MAT 6425

1.318 MeV (n,n') Level
Cross Section

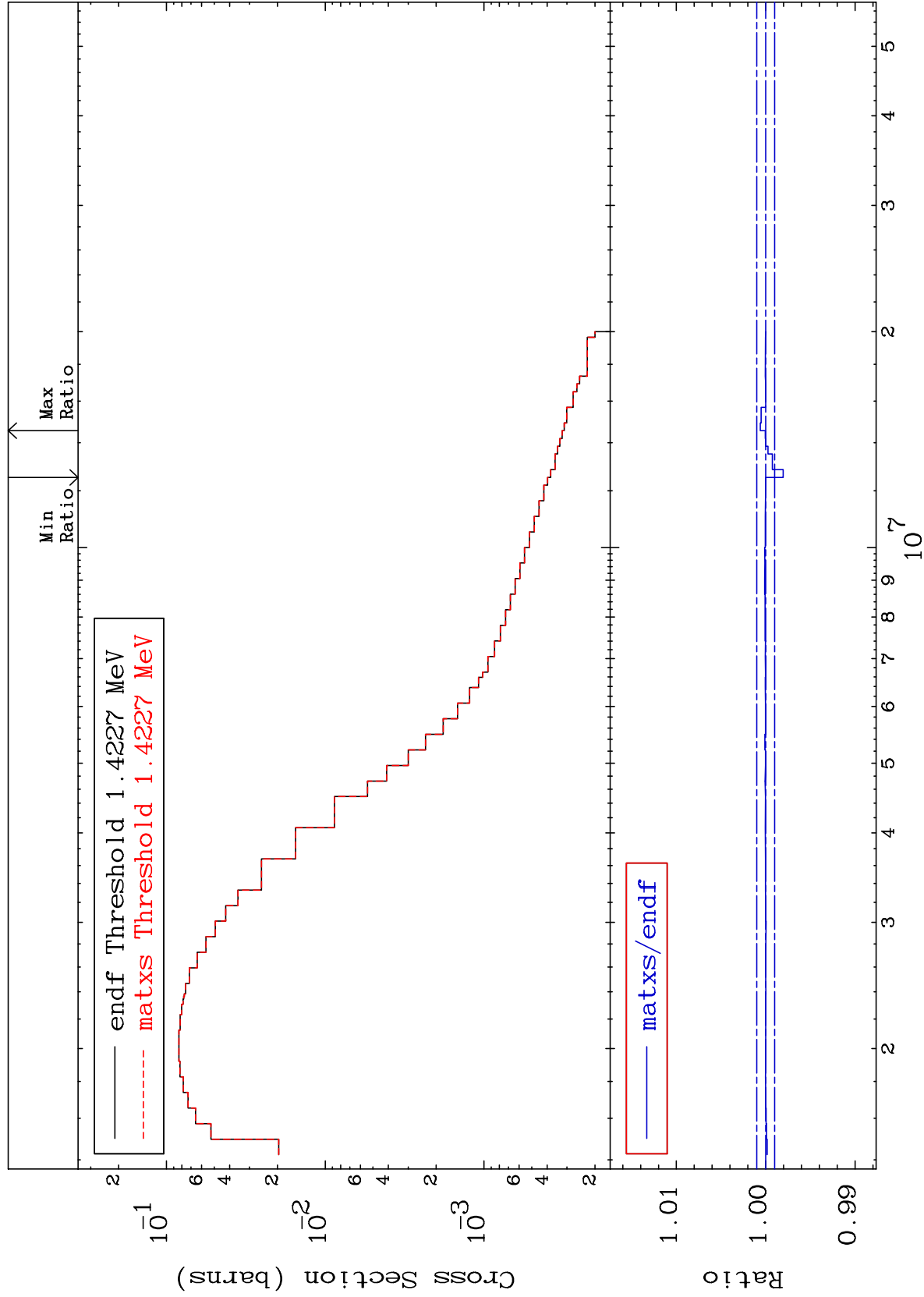
64-Gd-152
-0.196 To 0.110 %



MAT 6425

1.434 MeV (n,n') Level
Cross Section

64-Gd-152
-0.194 To 0.062 %



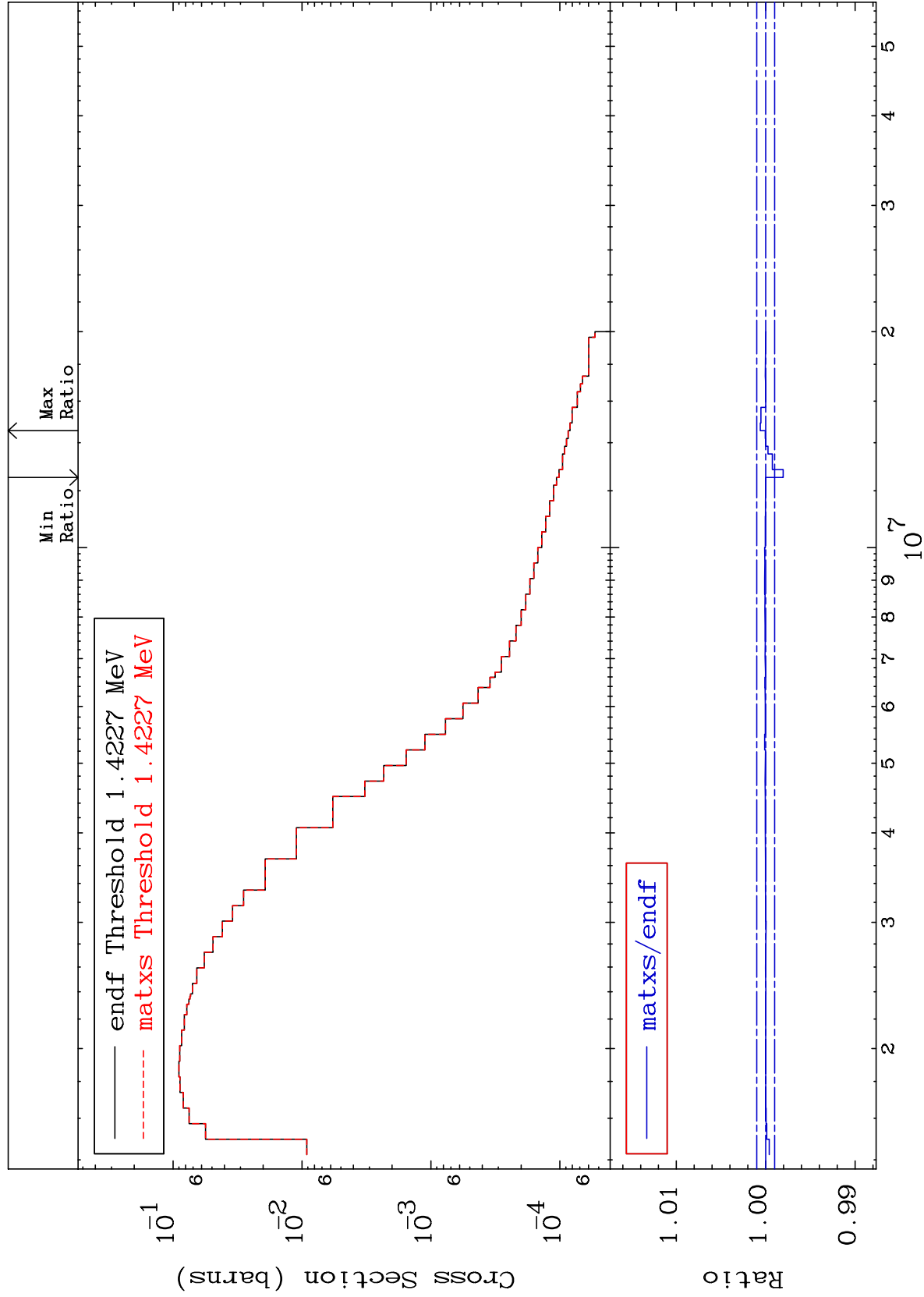
16

64-Gd-152

MAT 6425

1.461 MeV (n,n') Level
Cross Section

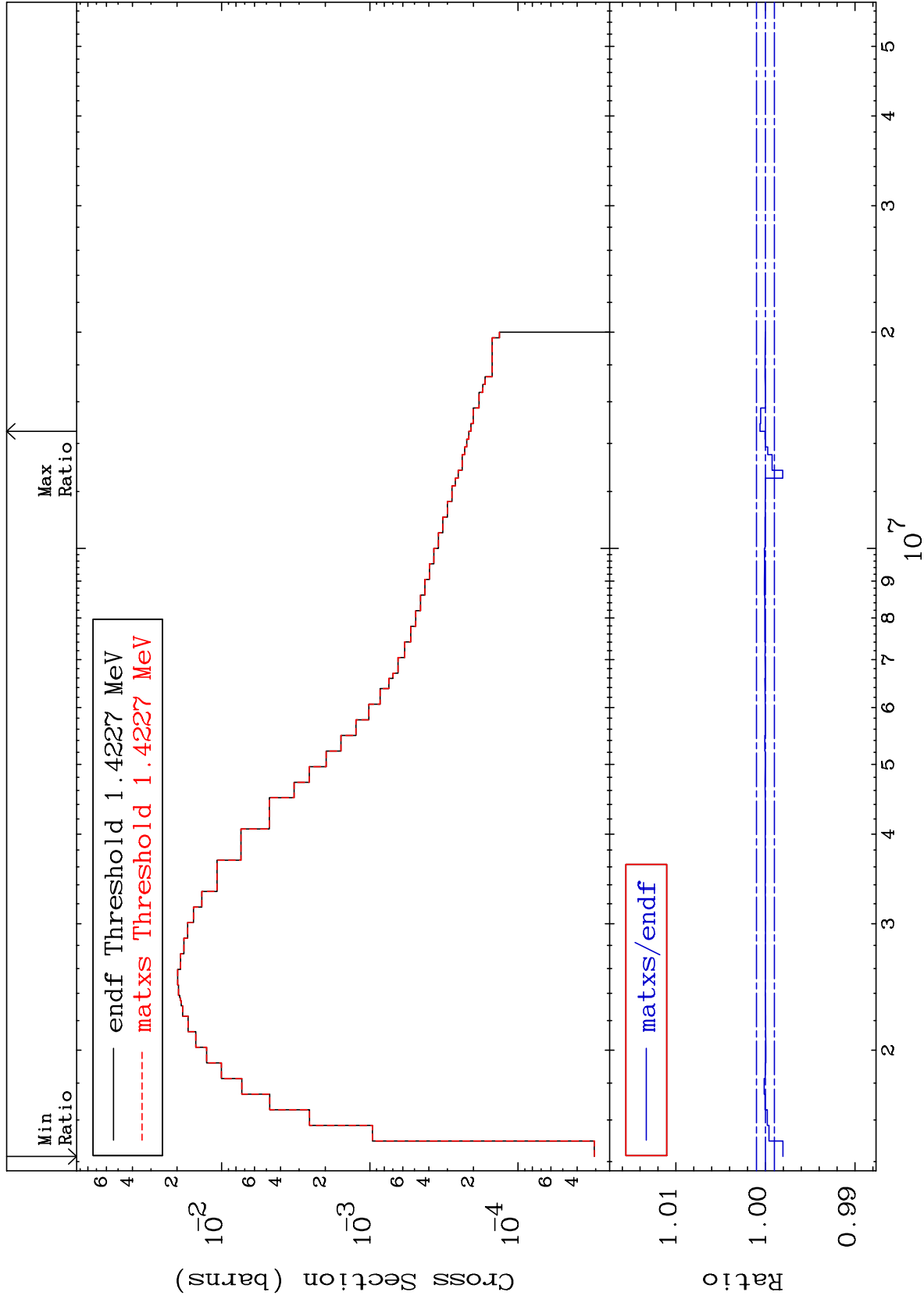
64-Gd-152
-0.194 To 0.062 %



MAT 6425

1.470 MeV (n,n') Level
Cross Section

64-Gd-152
-0.195 To 0.061 %



18

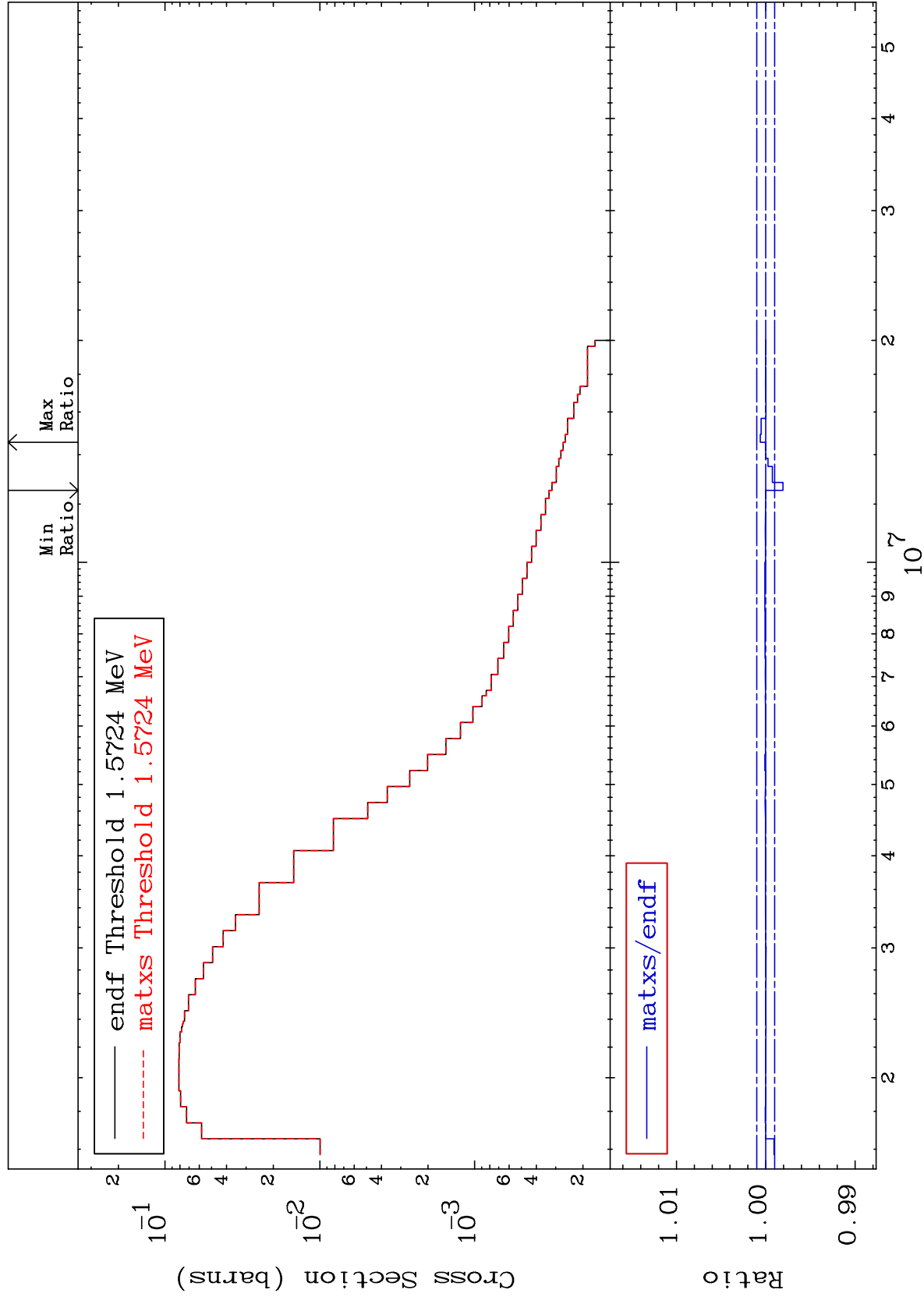
Incident Energy (eV)

64-Gd-152

MAT 6425

1.606 MeV (n,n') Level
Cross Section

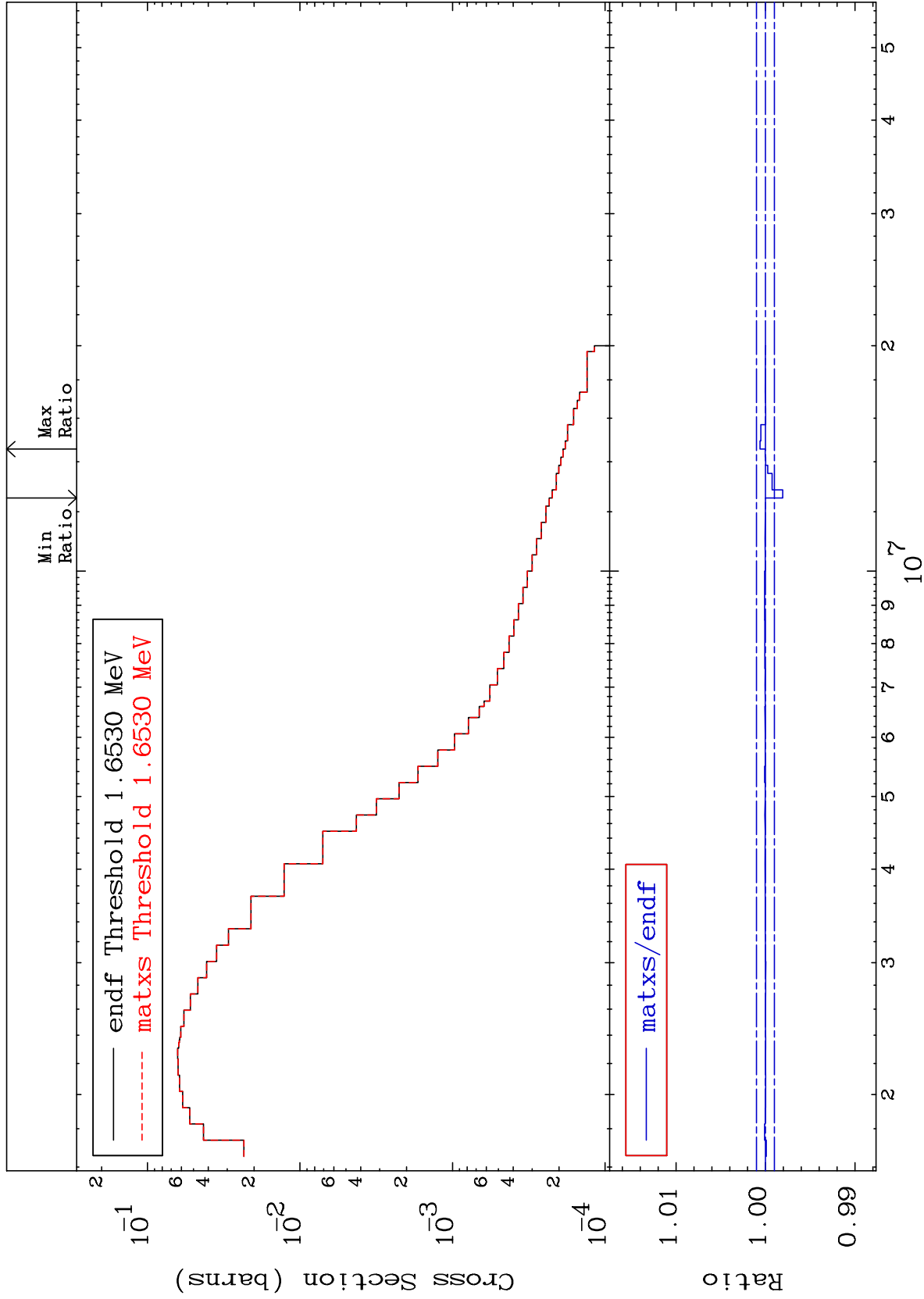
64-Gd-152
-0.193 To 0.061 %



MAT 6425

1.643 MeV (n,n') Level
Cross Section

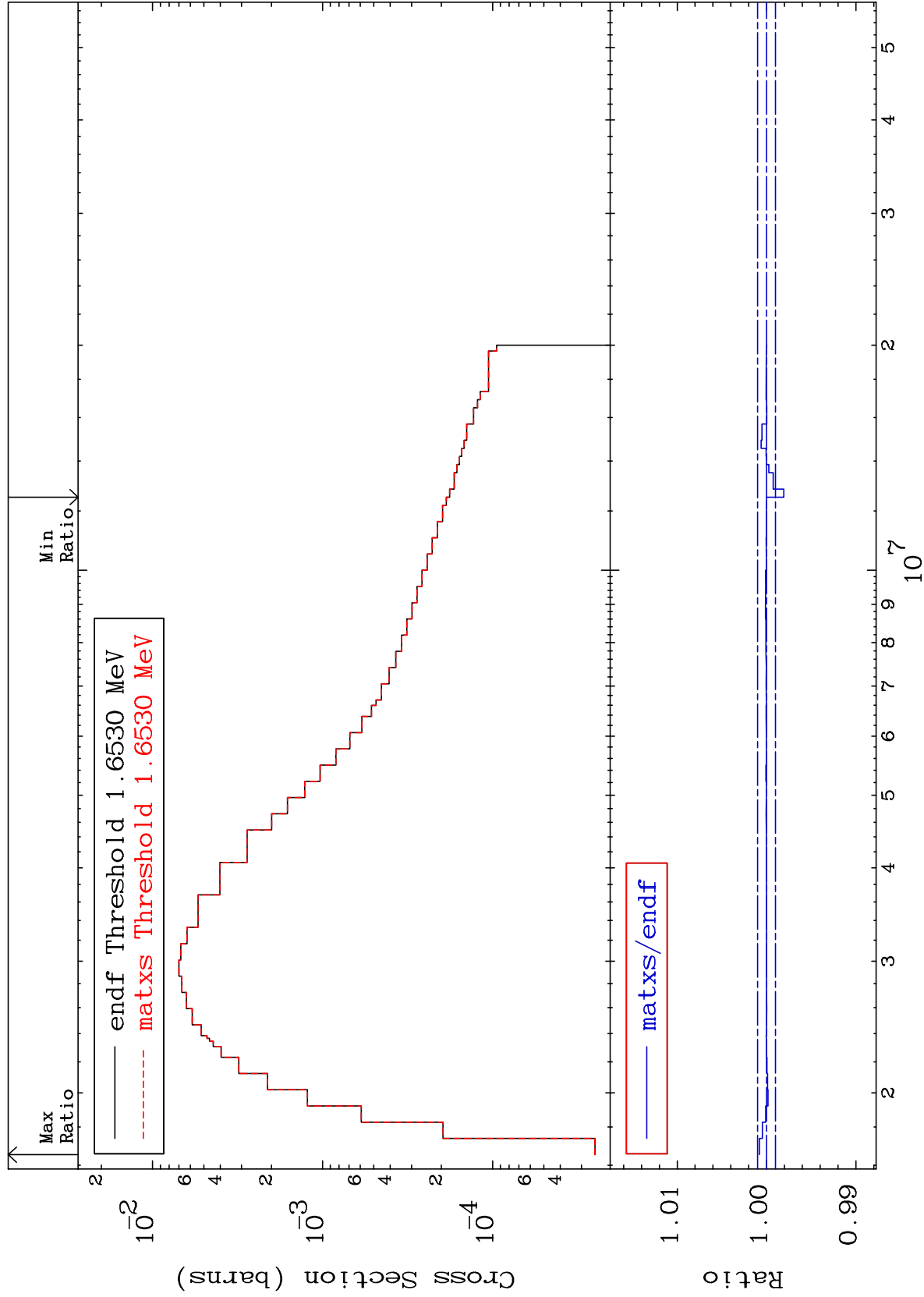
64-Gd-152
-0.193 To 0.061 %



MAT 6425

1.668 MeV (n,n') Level
Cross Section

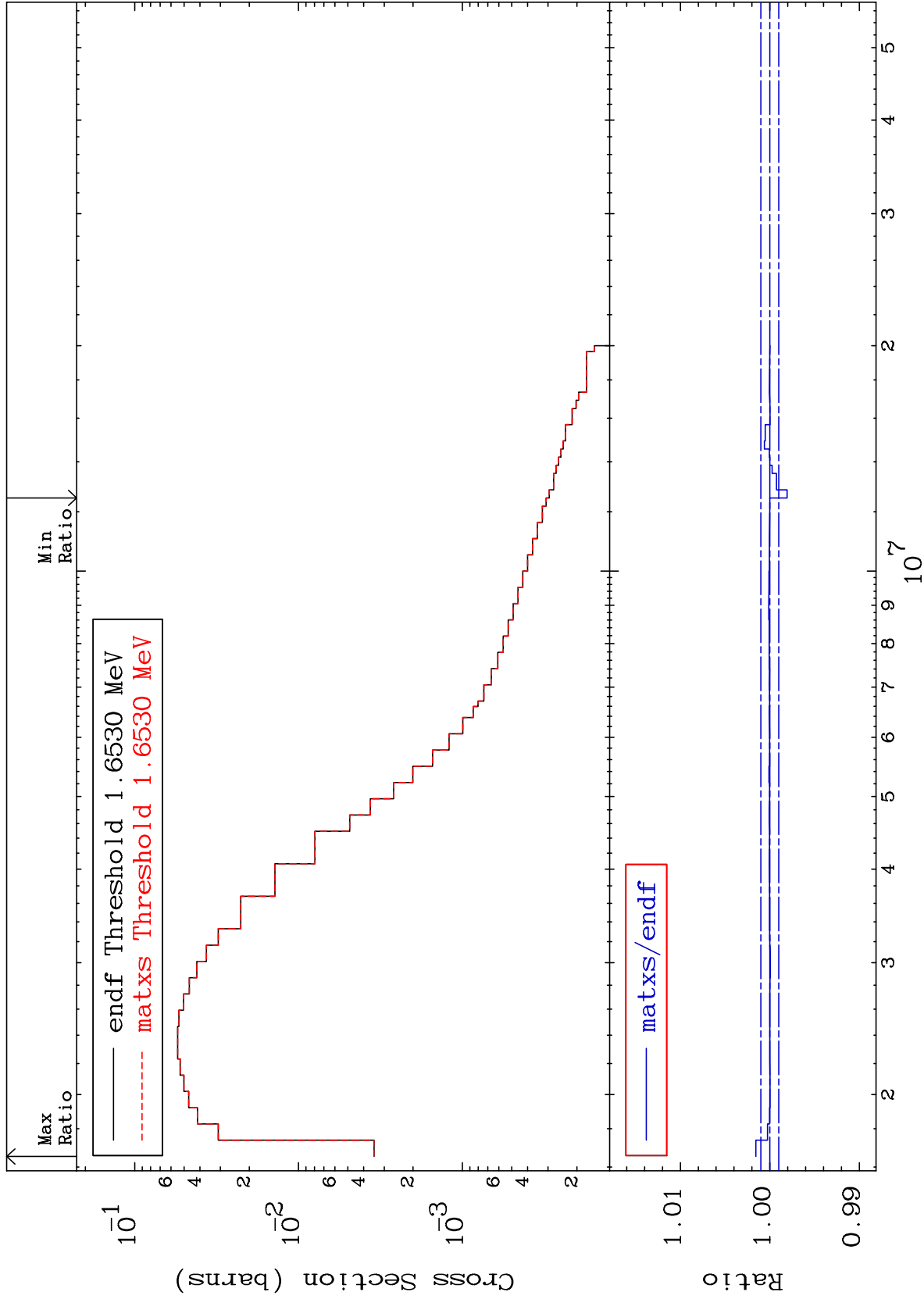
64-Gd-152
-0.193 To 0.079 %



MAT 6425

1.692 MeV (n,n') Level
Cross Section

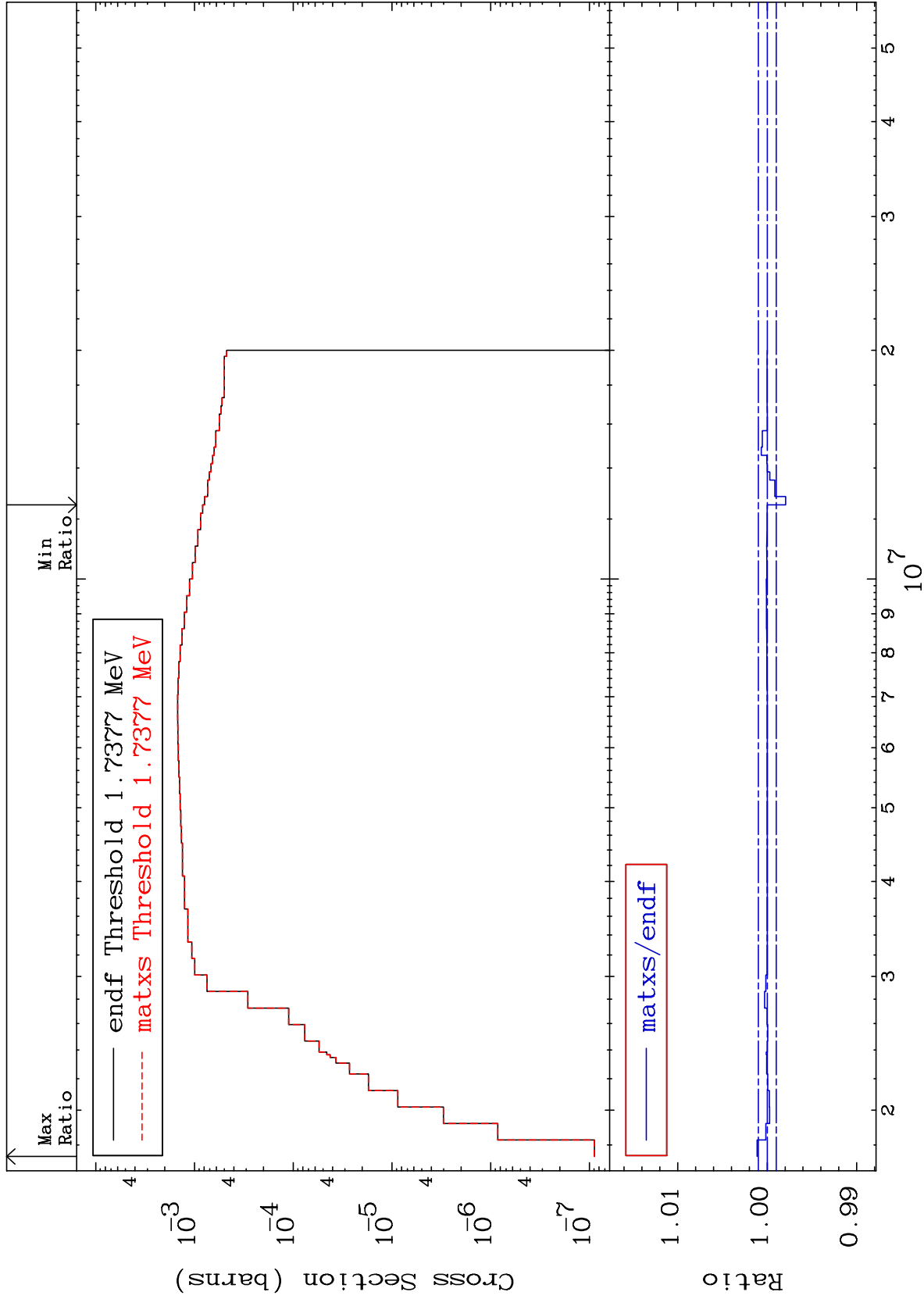
64-Gd-152
-0.192 To 0.157 %



MAT 6425

1.747 MeV (n,n') Level
Cross Section

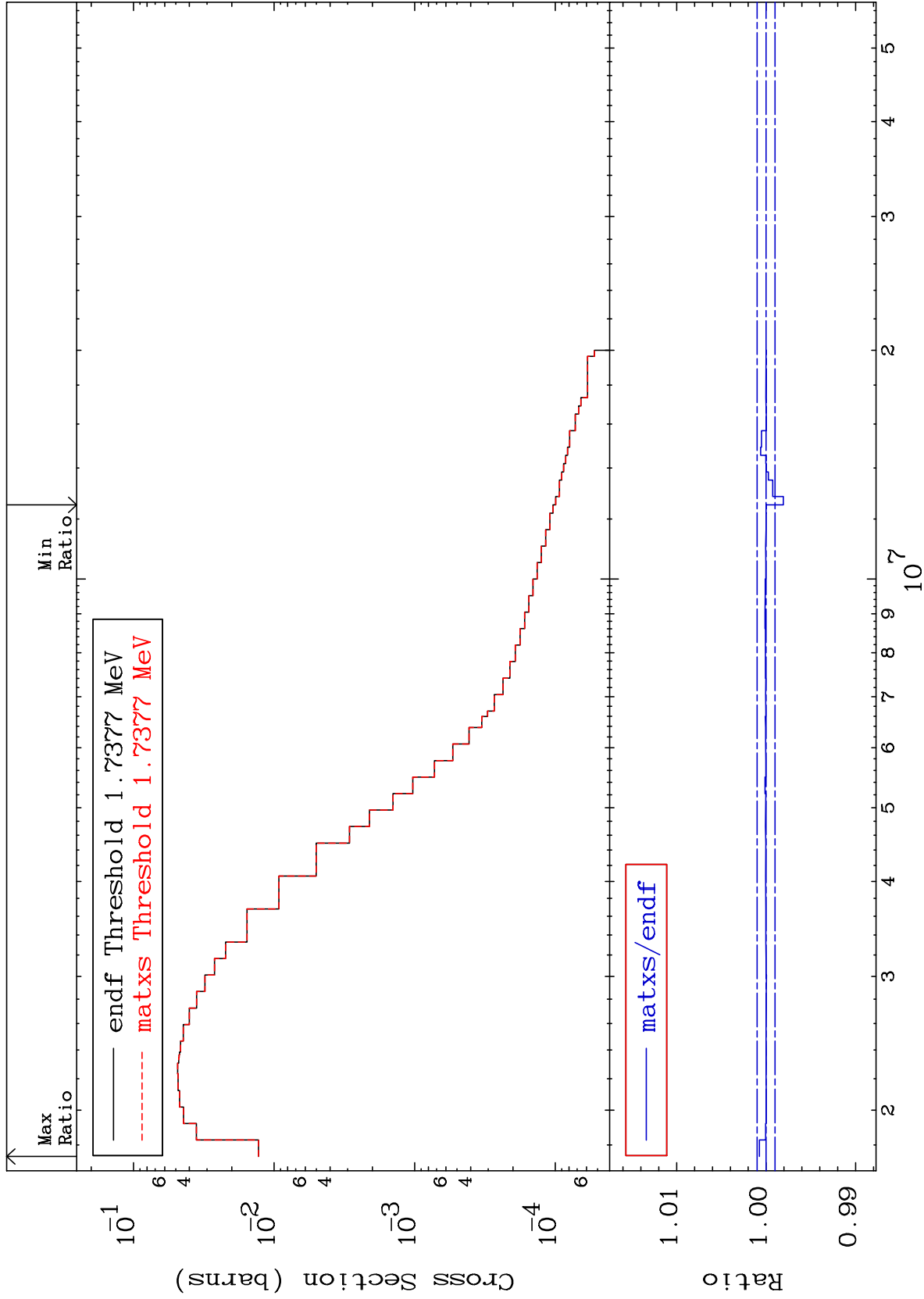
64-Gd-152
-0.205 To 0.112 %



MAT 6425

1.756 MeV (n,n') Level
Cross Section

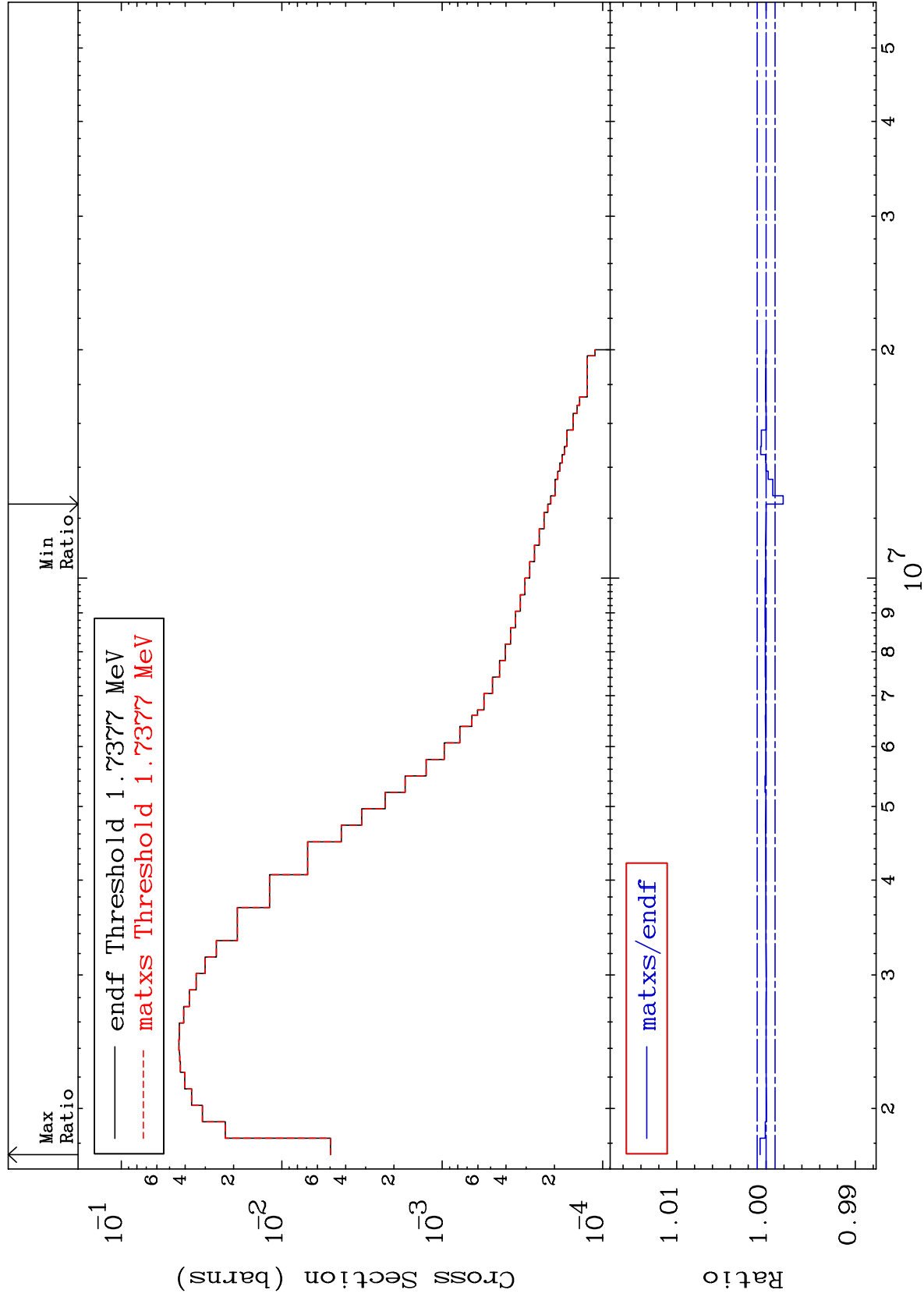
64-Gd-152
-0.192 To 0.074 %



MAT 6425

1.772 MeV (n,n') Level
Cross Section

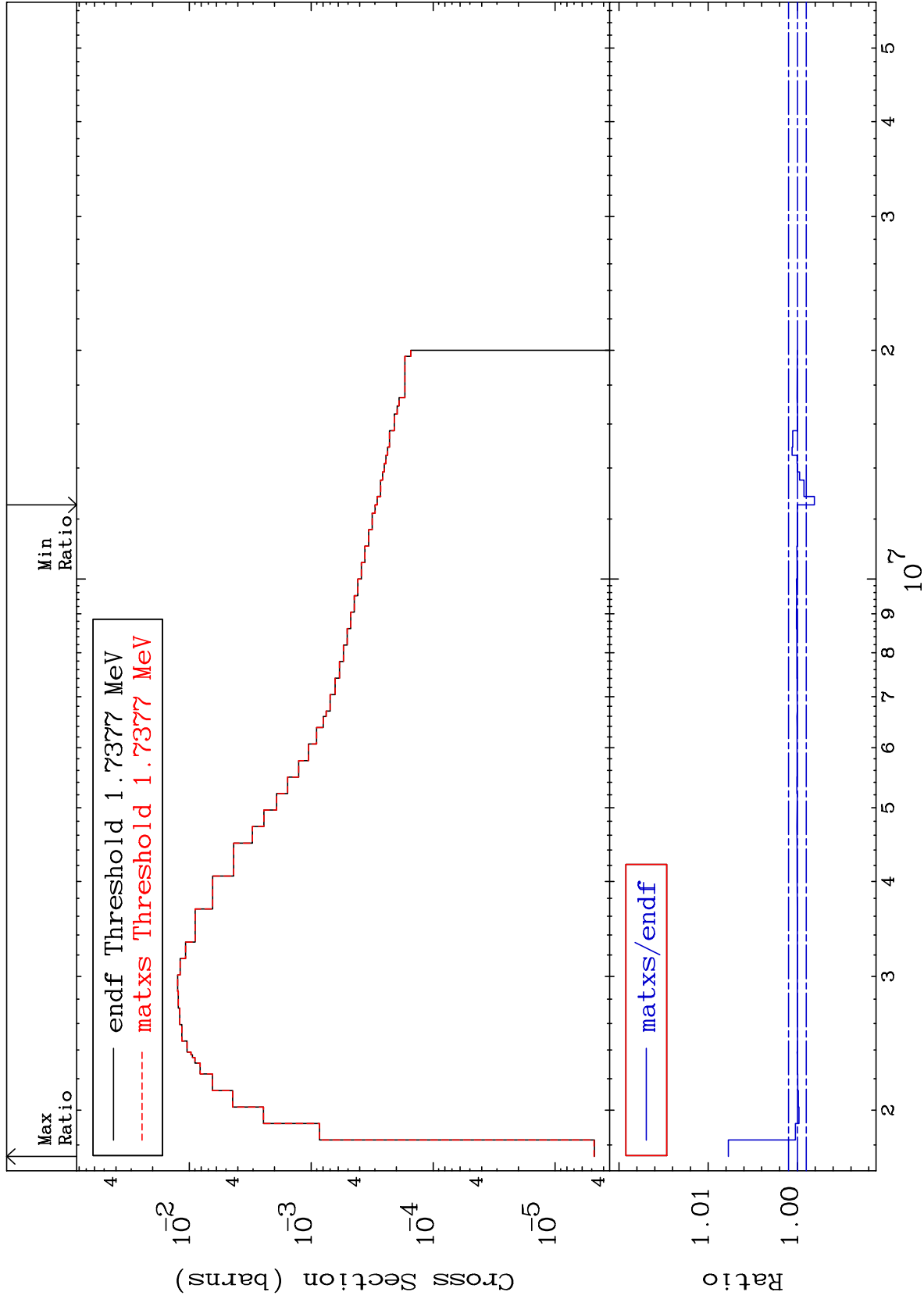
64-Gd-152
-0.191 To 0.066 %



MAT 6425

1.808 MeV (n,n') Level
Cross Section

64-Gd-152
-0.191 To 0.775 %



27

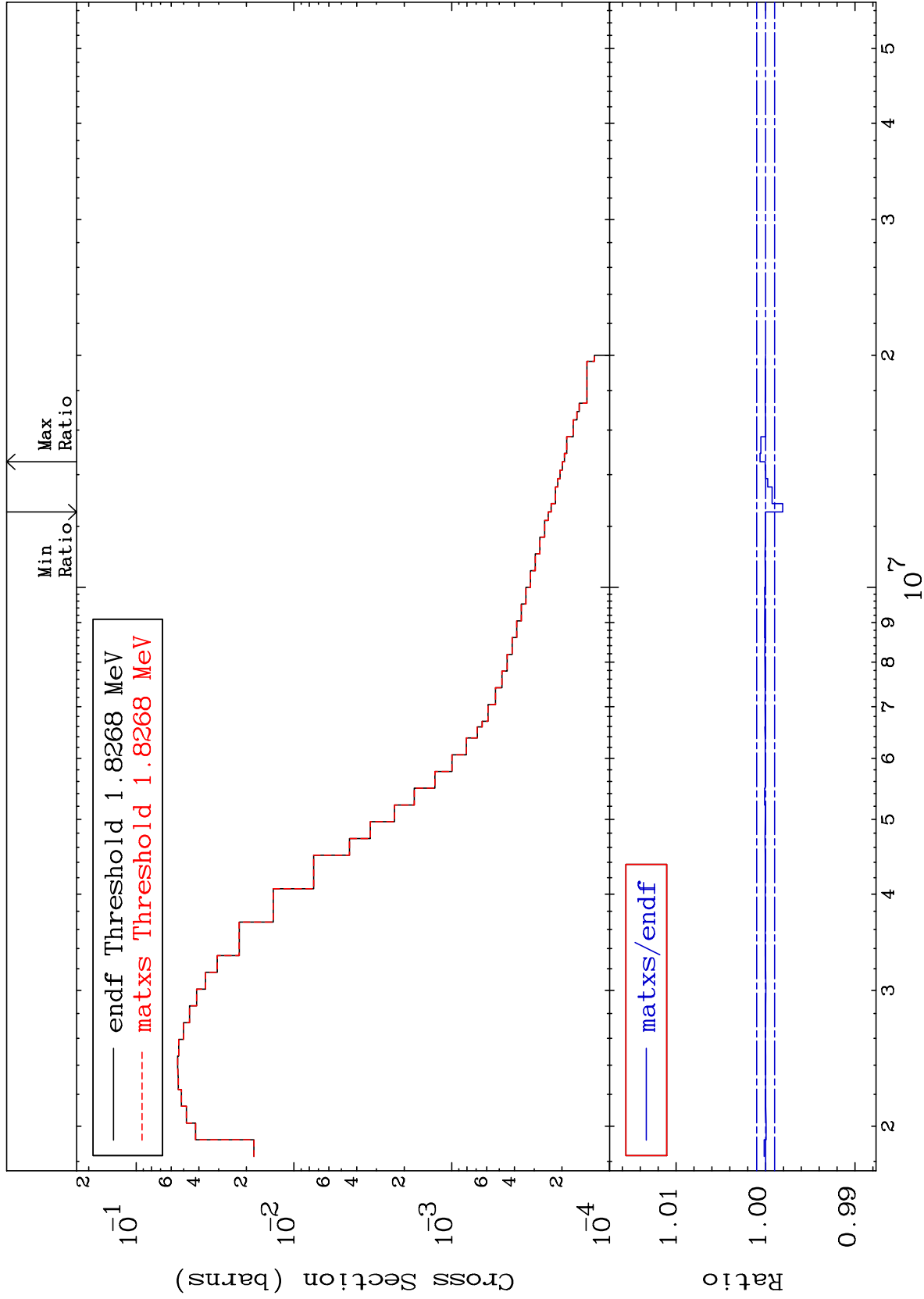
Incident Energy (eV)

64-Gd-152

MAT 6425

1.840 MeV (n,n') Level
Cross Section

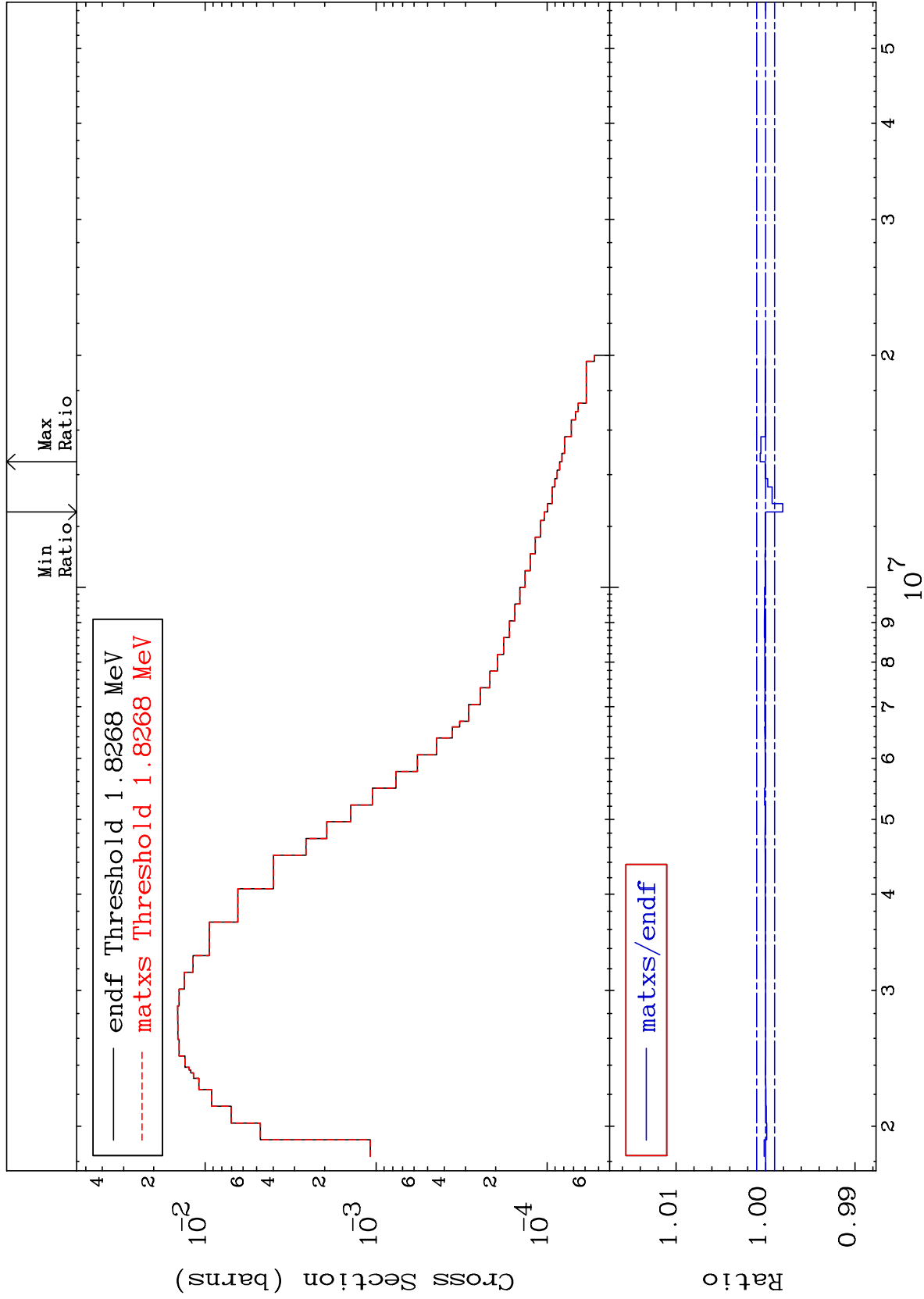
64-Gd-152
-0.191 To 0.061 %



MAT 6425

1.862 MeV (n,n') Level
Cross Section

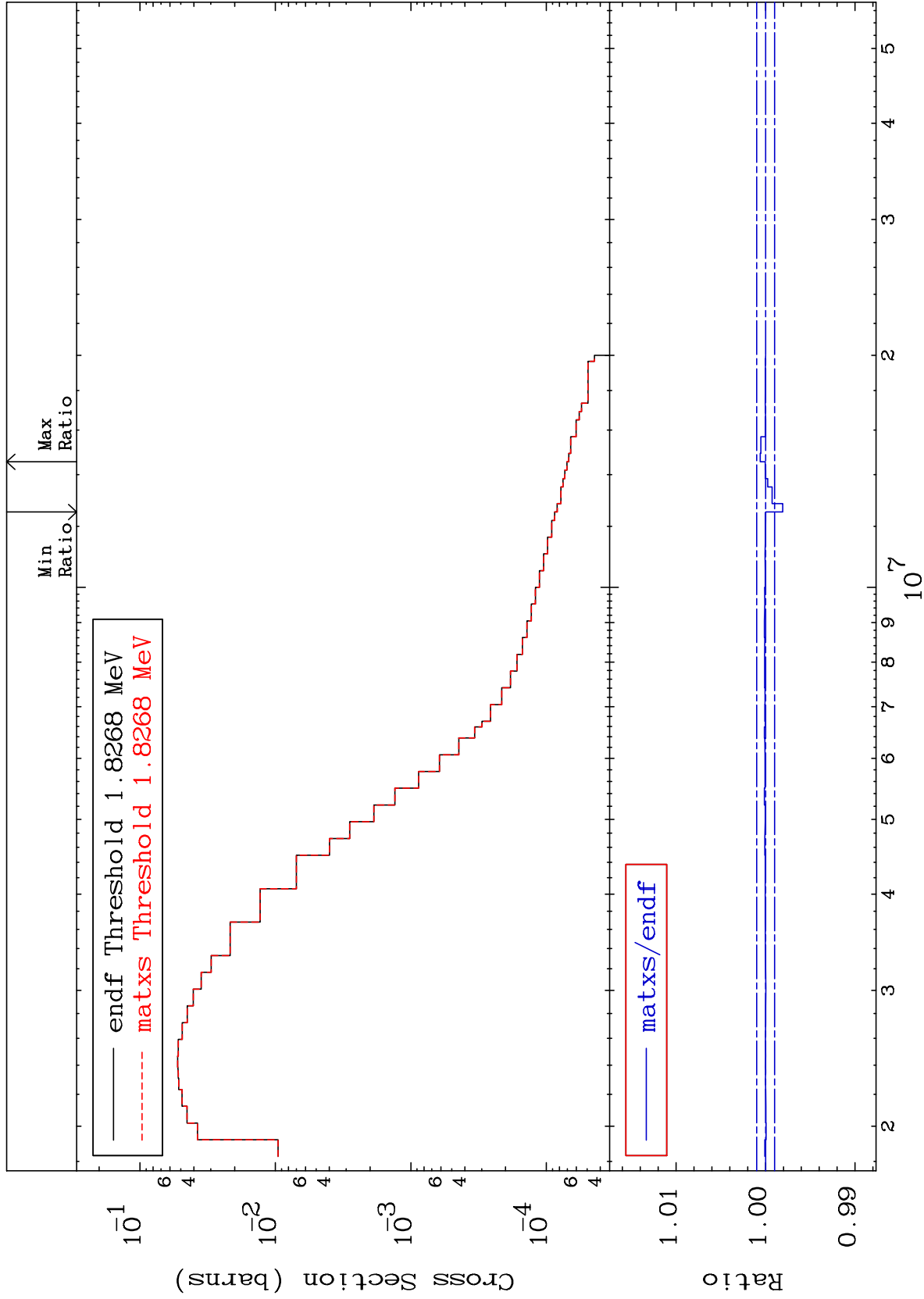
64-Gd-152
-0.191 To 0.061 %



MAT 6425

1.862 MeV (n,n') Level
Cross Section

64-Gd-152
-0.191 To 0.061 %



30

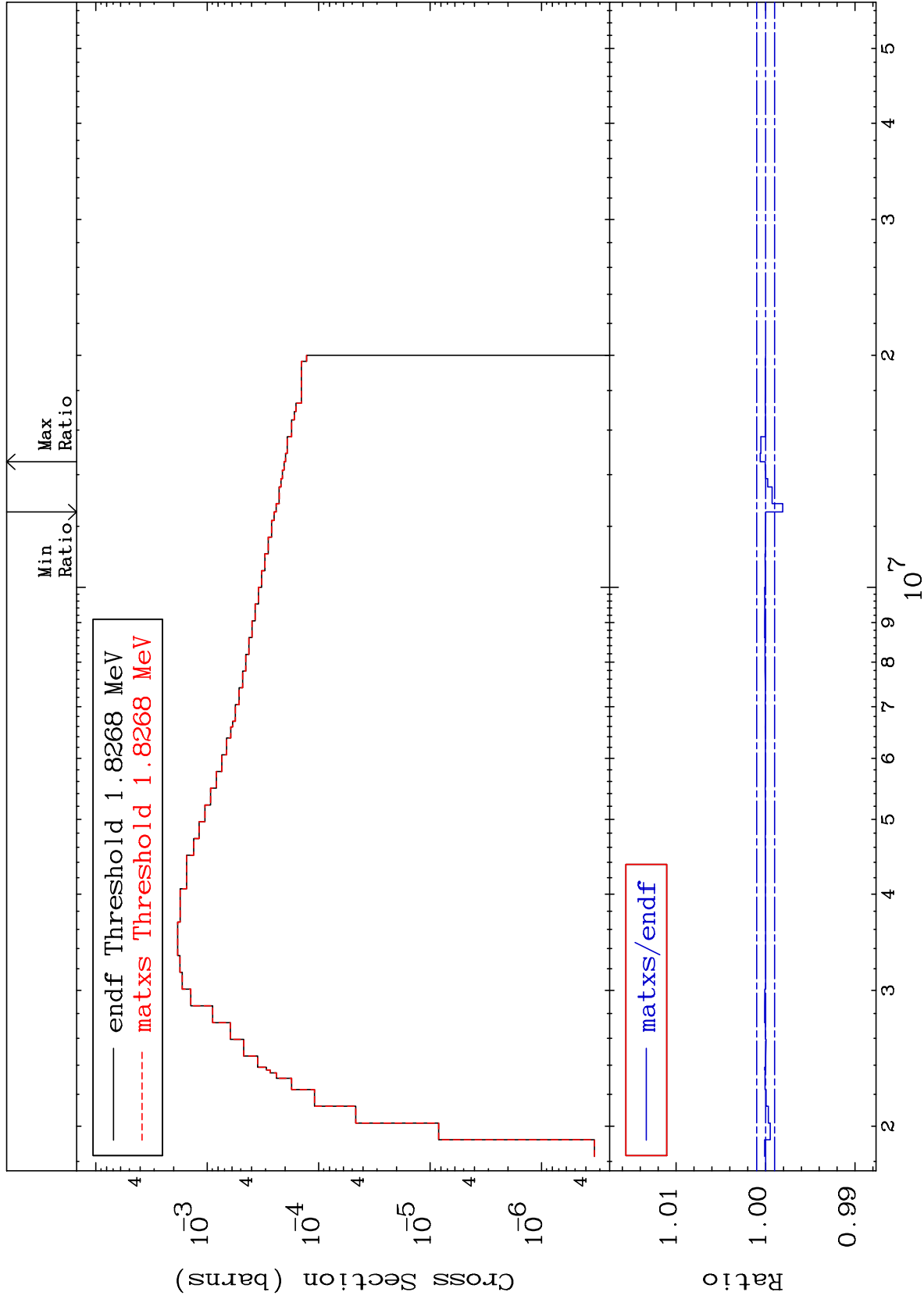
Incident Energy (eV)

64-Gd-152

MAT 6425

1.880 MeV (n,n') Level
Cross Section

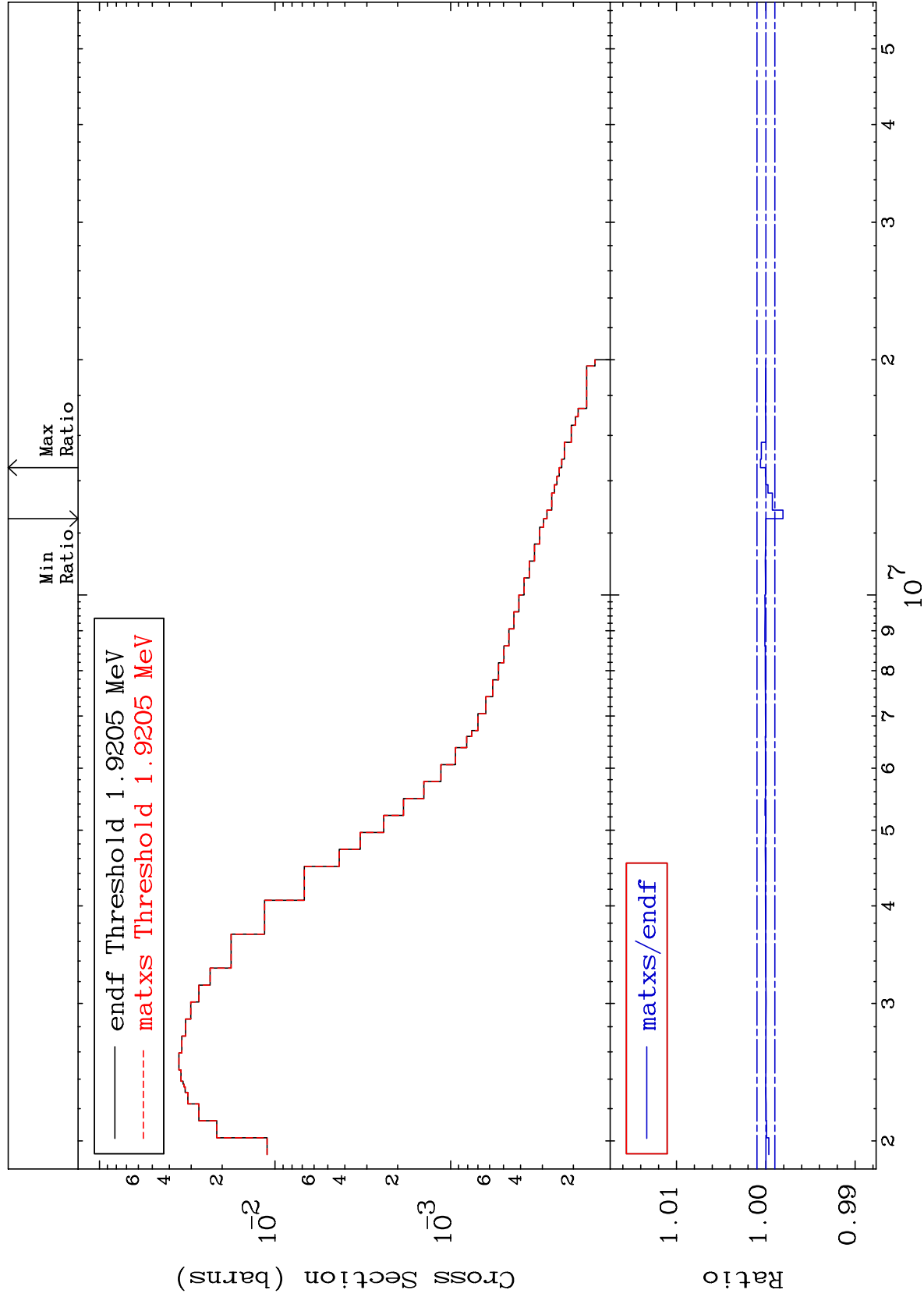
64-Gd-152
-0.191 To 0.061 %



MAT 6425

1.915 MeV (n,n') Level
Cross Section

64-Gd-152
-0.191 To 0.061 %



32

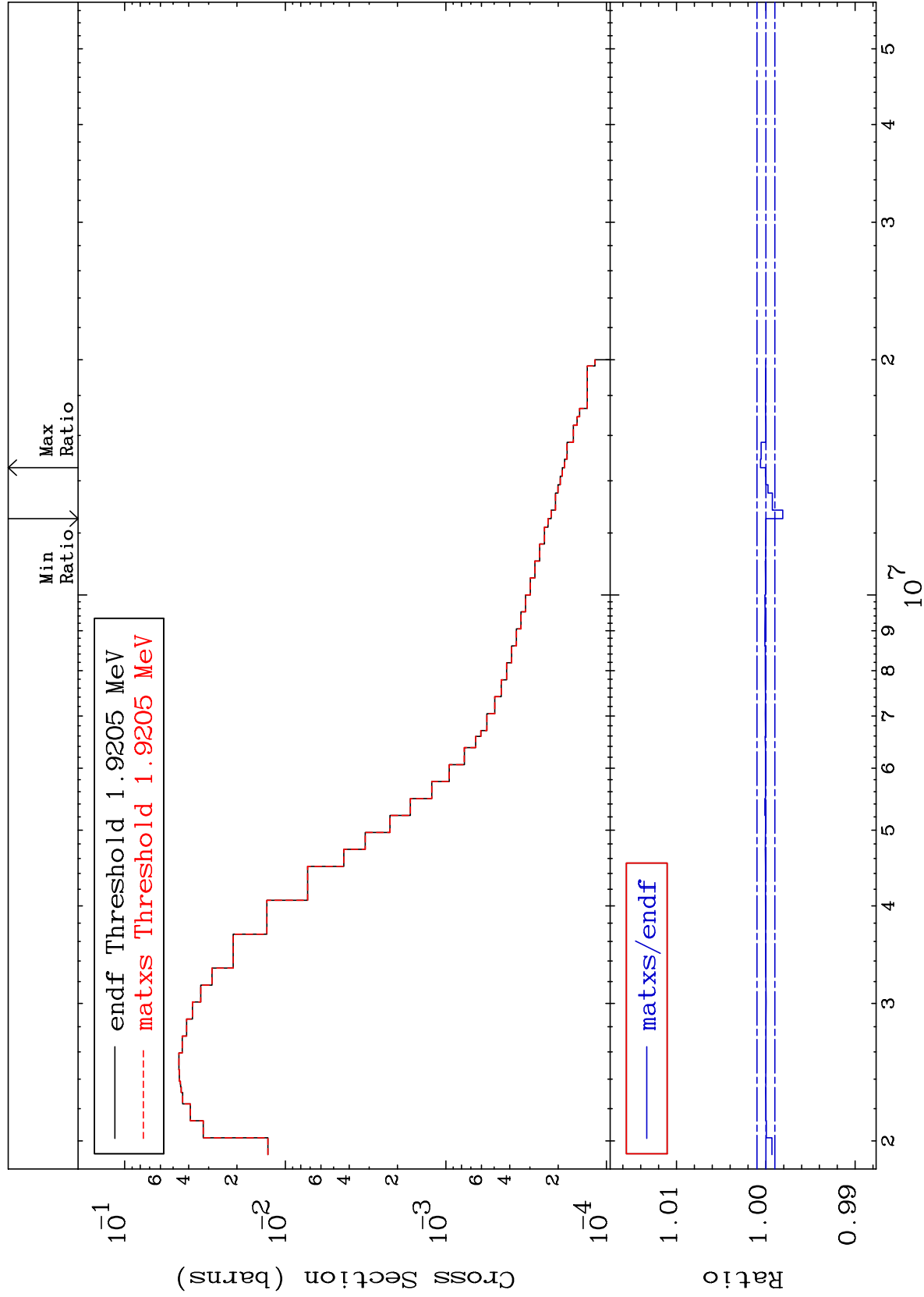
Incident Energy (eV)

64-Gd-152

MAT 6425

1.941 MeV (n,n') Level
Cross Section

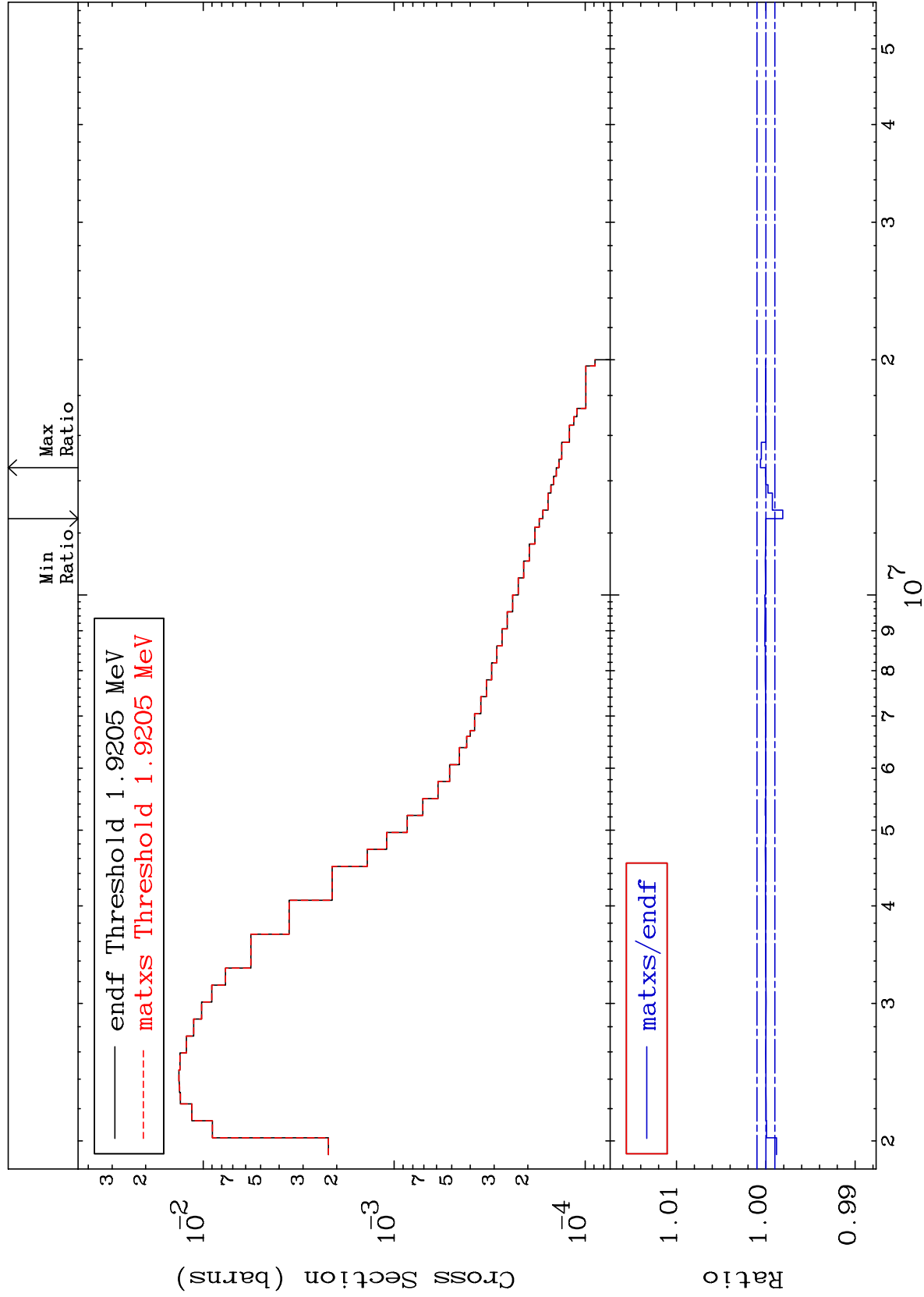
64-Gd-152
-0.190 To 0.060 %



MAT 6425

1.962 MeV (n,n') Level
Cross Section

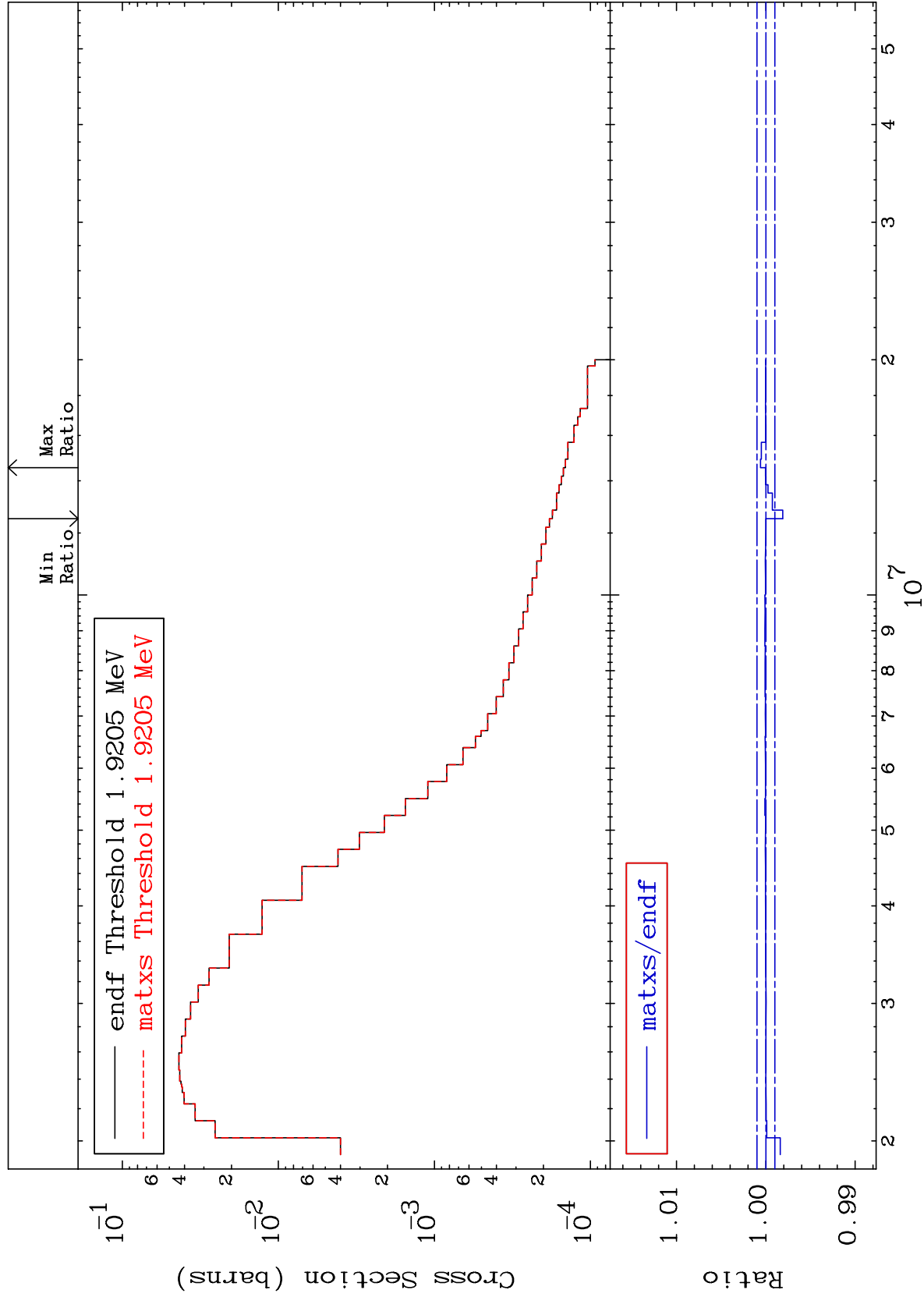
64-Gd-152
-0.190 To 0.060 %



MAT 6425

1.976 MeV (n,n') Level
Cross Section

64-Gd-152
-0.190 To 0.060 %



35

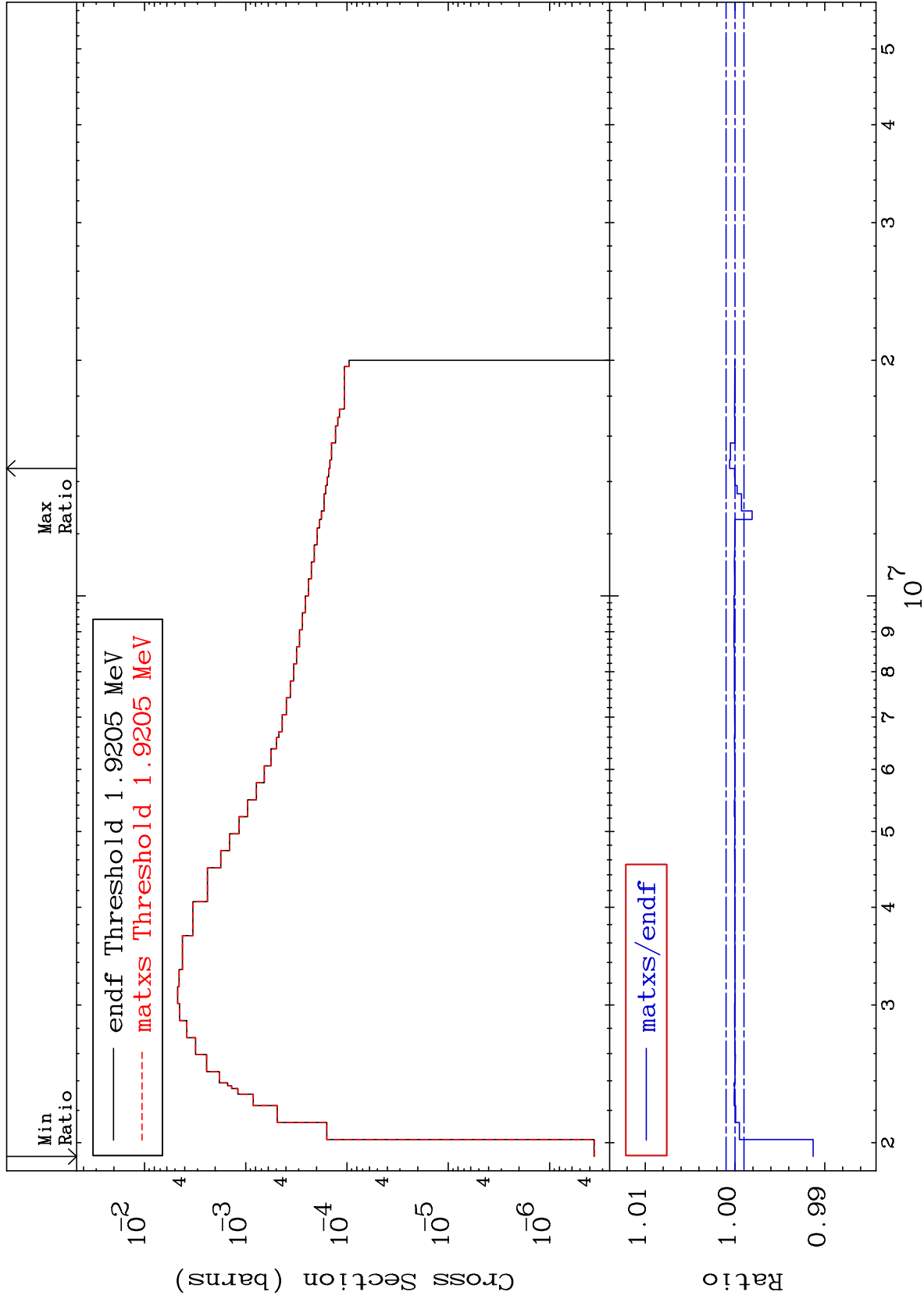
Incident Energy (eV)

64-Gd-152

MAT 6425

1.998 MeV (n,n') Level
Cross Section

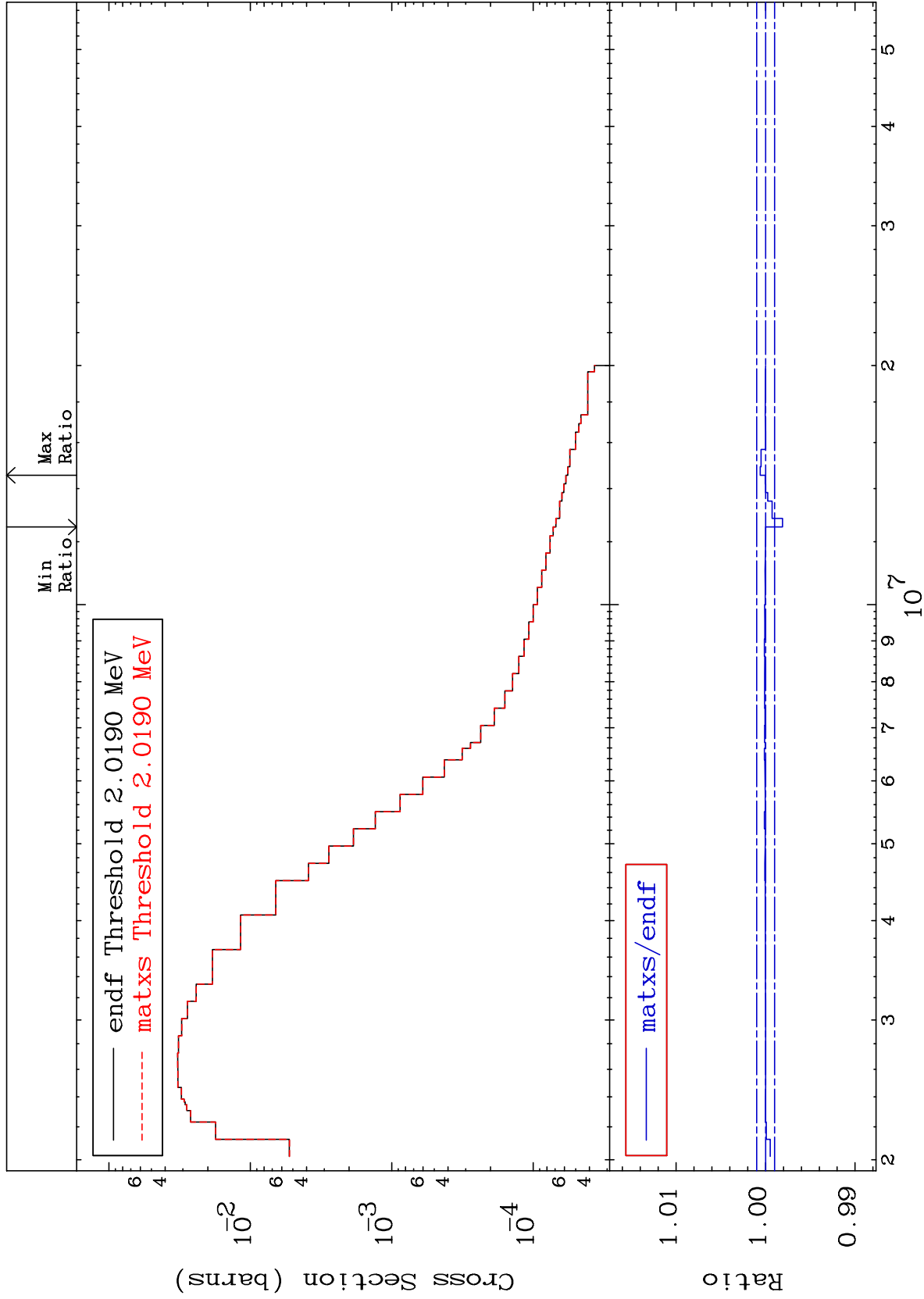
64-Gd-152
-0.871 To 0.060 %



MAT 6425

2.012 MeV (n,n') Level
Cross Section

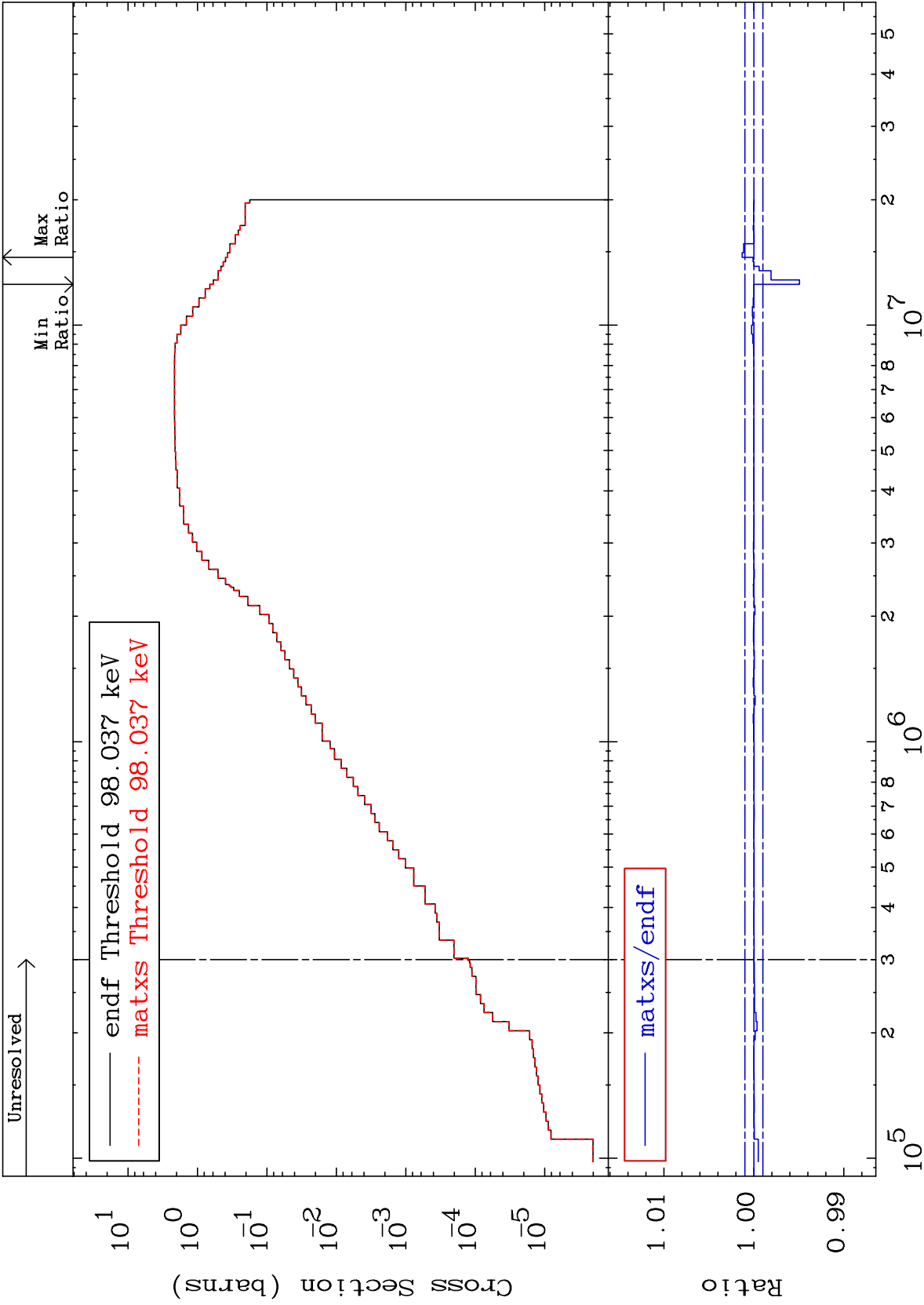
64-Gd-152
-0.190 To 0.060 %



MAT 6425

(n,n') Continuum
Cross Section

64-Gd-152
-0.506 To 0.131 %



38

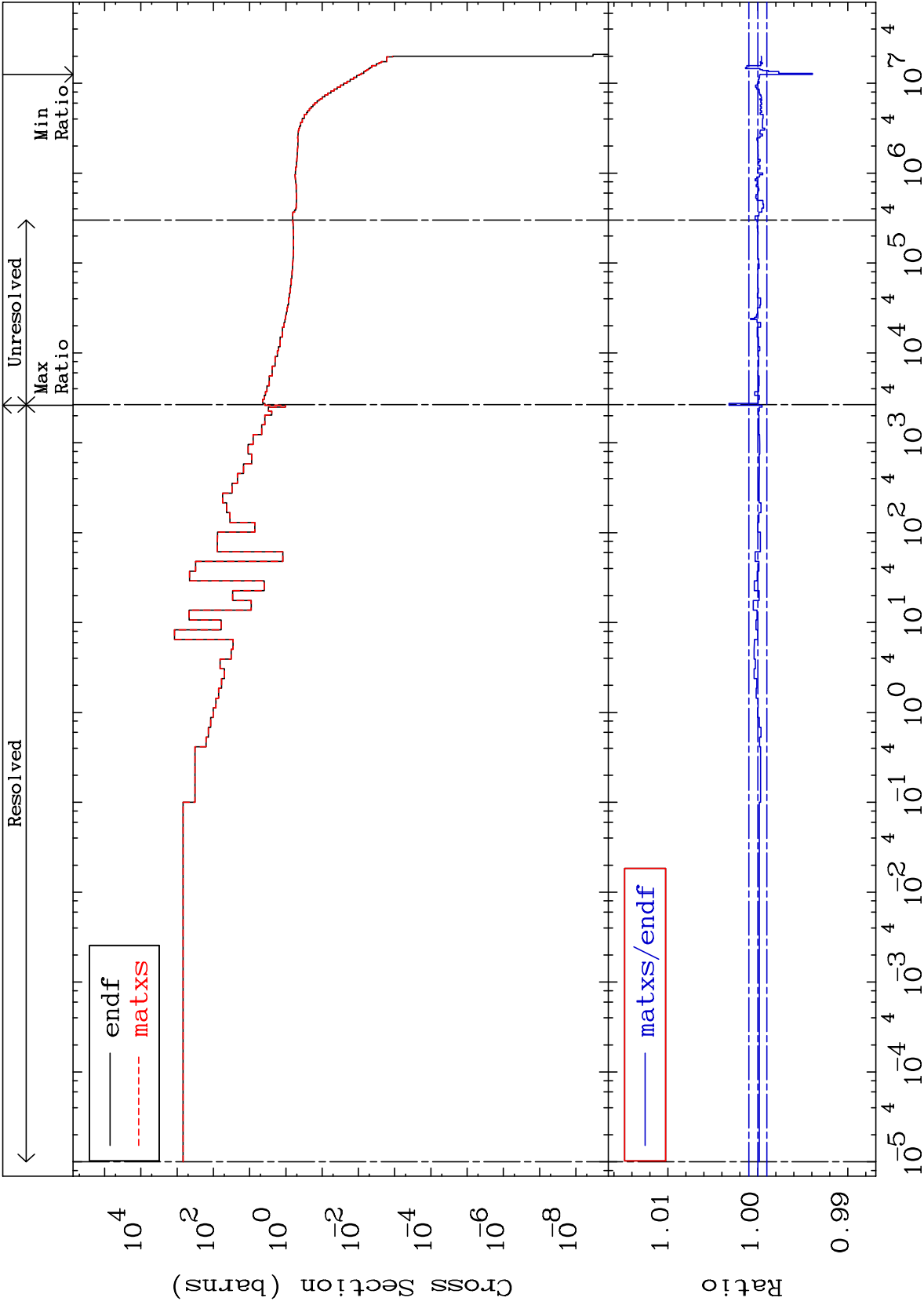
Incident Energy (eV)

64-Gd-152

MAT 6425

(n, γ)
Cross Section

64-Gd-152
-0.606 To 0.321 %



39

Incident Energy (eV)

64-Gd-152

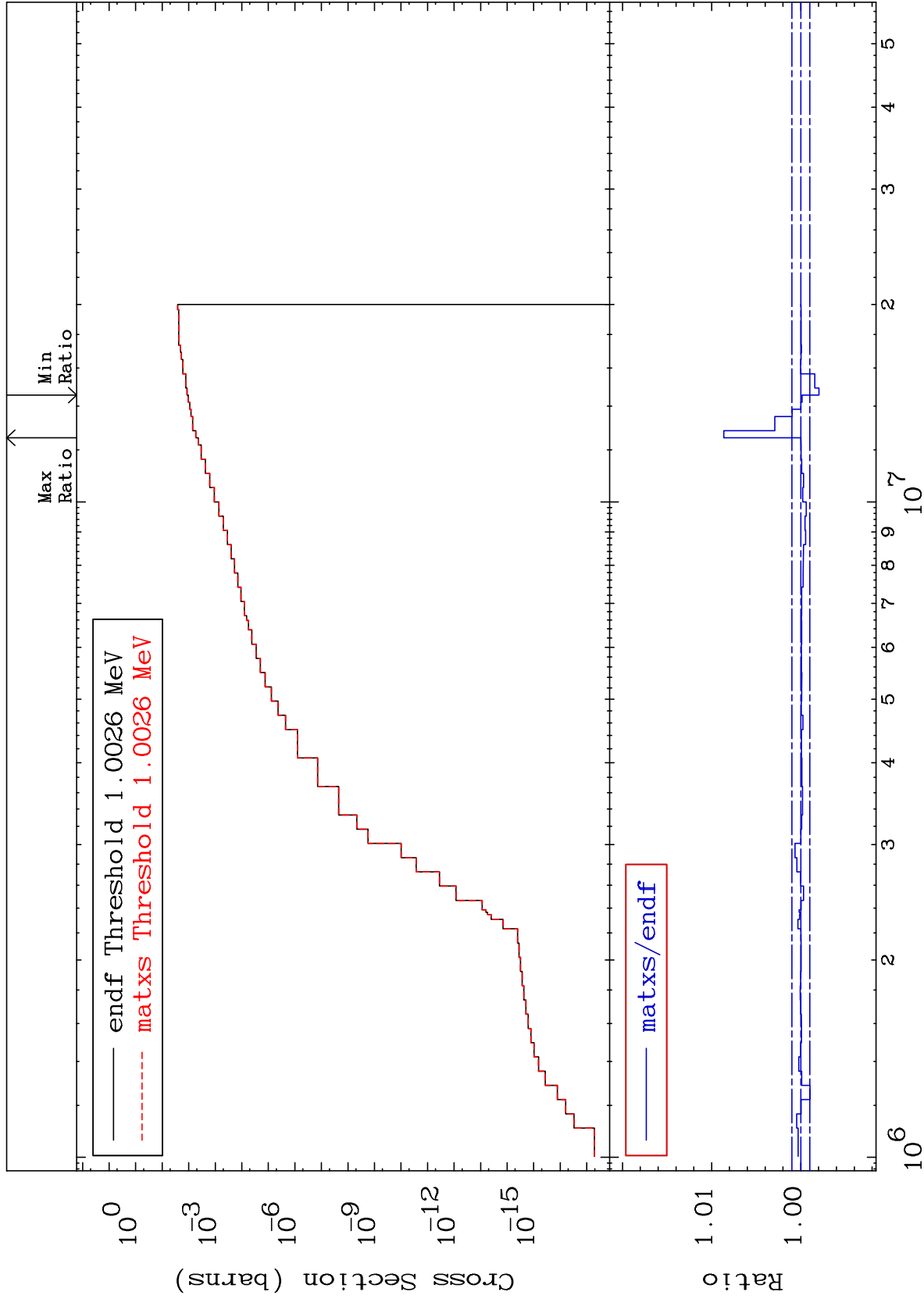
MAT 6425

(n,p)

64-Gd-152

Cross Section

-0.205 To 0.865 %



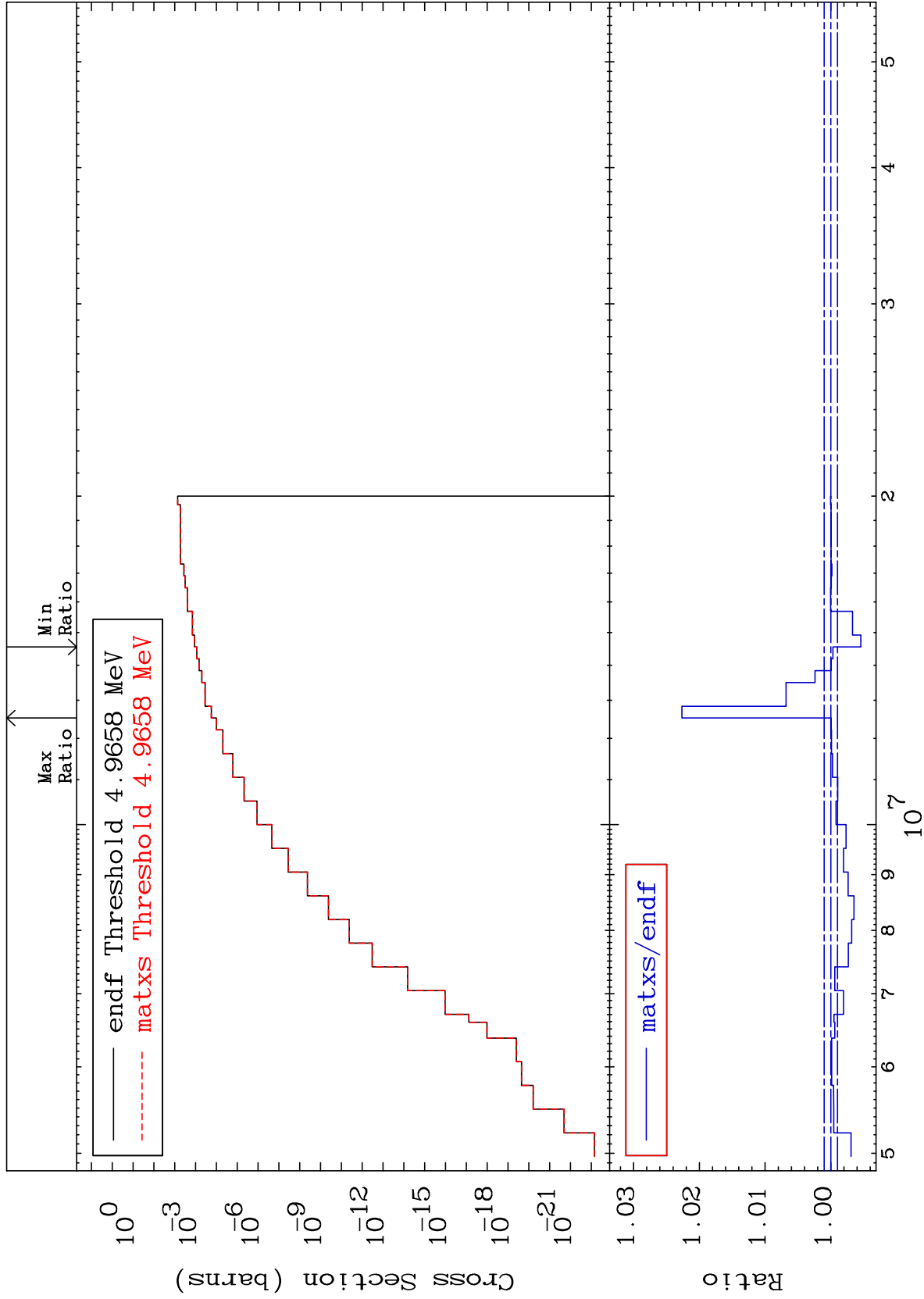
Incident Energy (eV)

64-Gd-152

MAT 6425

64-Gd-152
-0.456 To 2.265 %

(n, d)
Cross Section



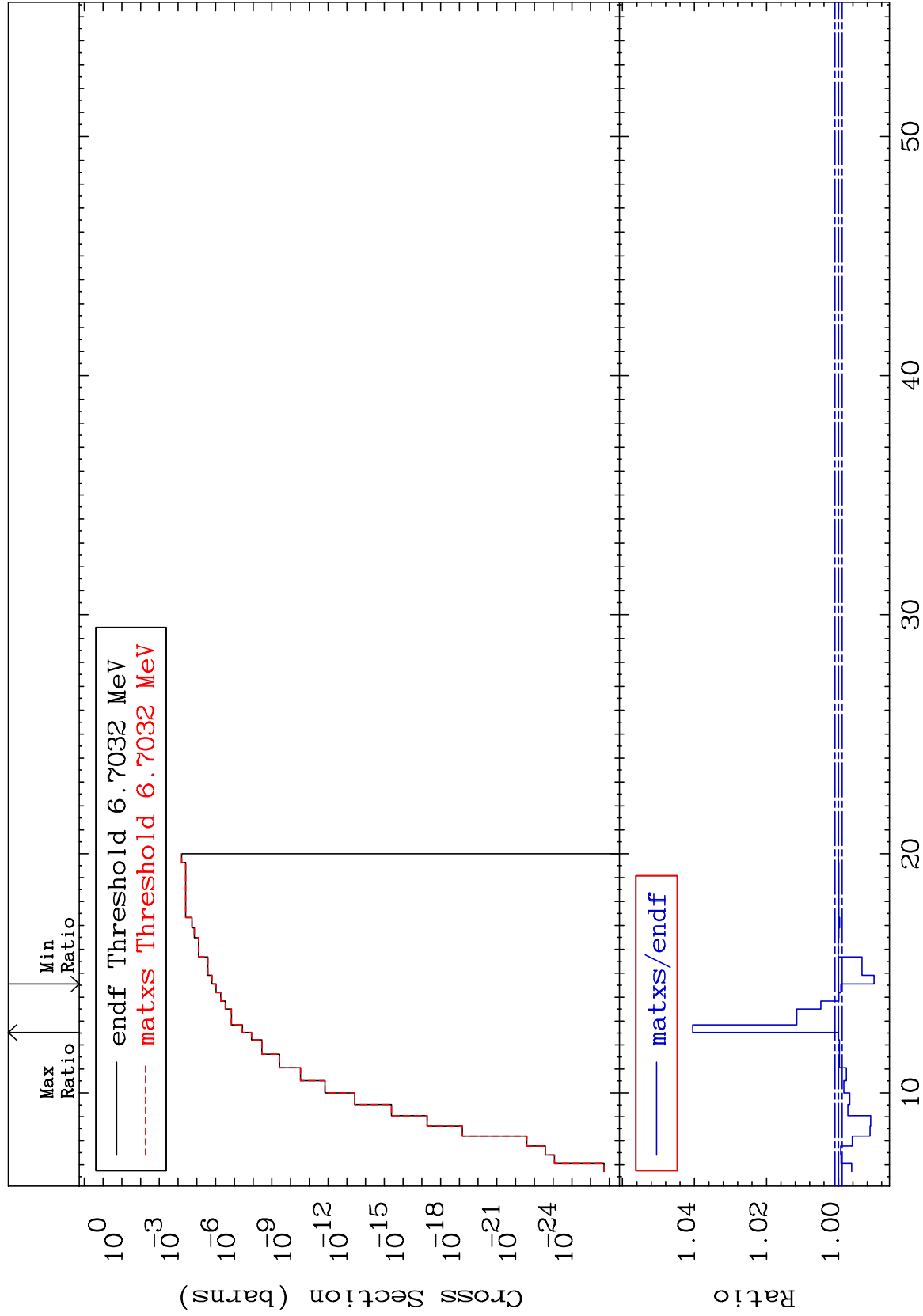
MAT 6425

(n, t)

64-Gd-152

Cross Section

-0.987 To 4.048 %



42

Incident Energy (MeV)

64-Gd-152

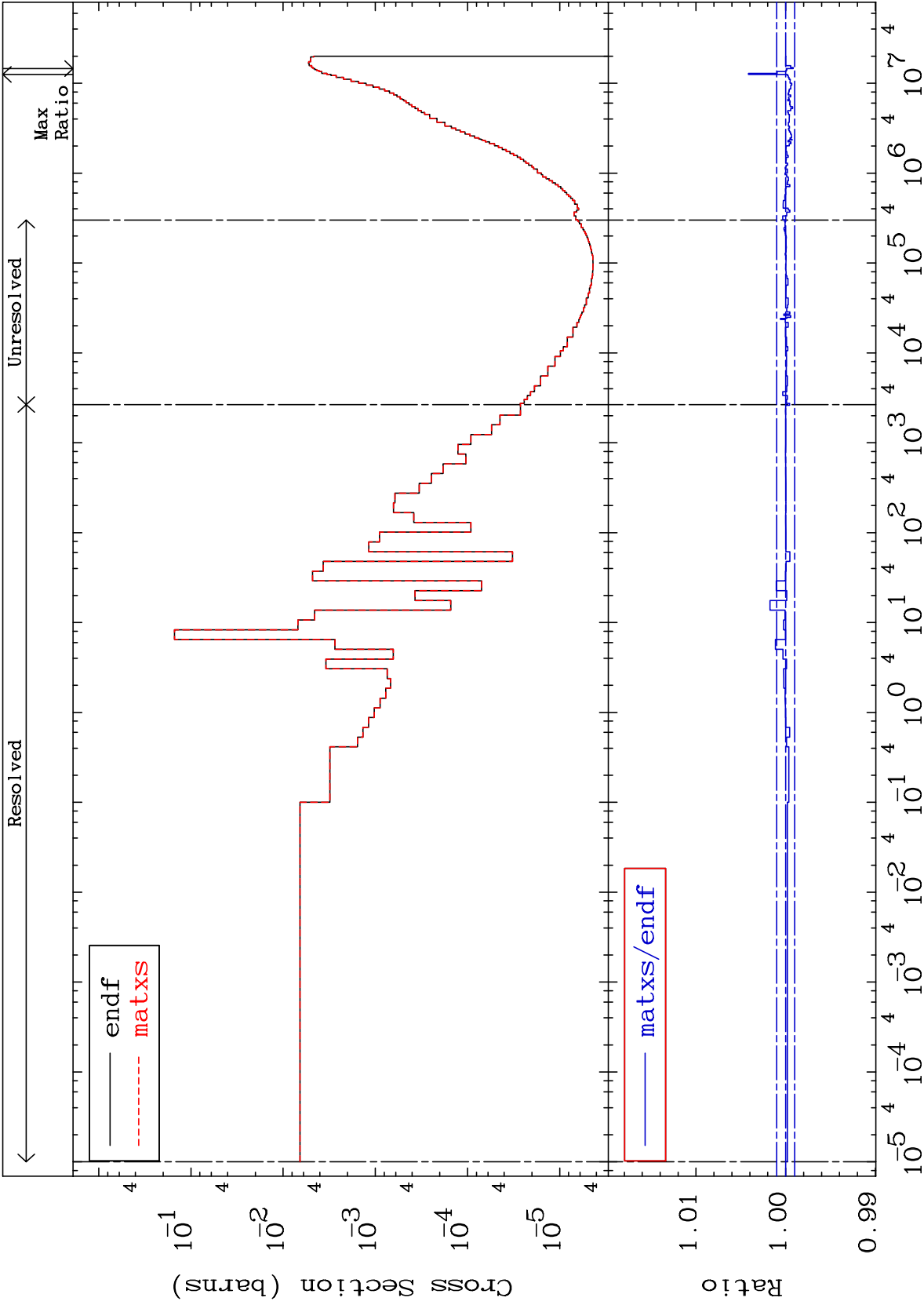
MAT 6425

(n, α)

64-Gd-152

Cross Section

-0.083 To 0.416 %



43

Incident Energy (eV)

64-Gd-152