

Program Complot
(Version 2015-2)

by

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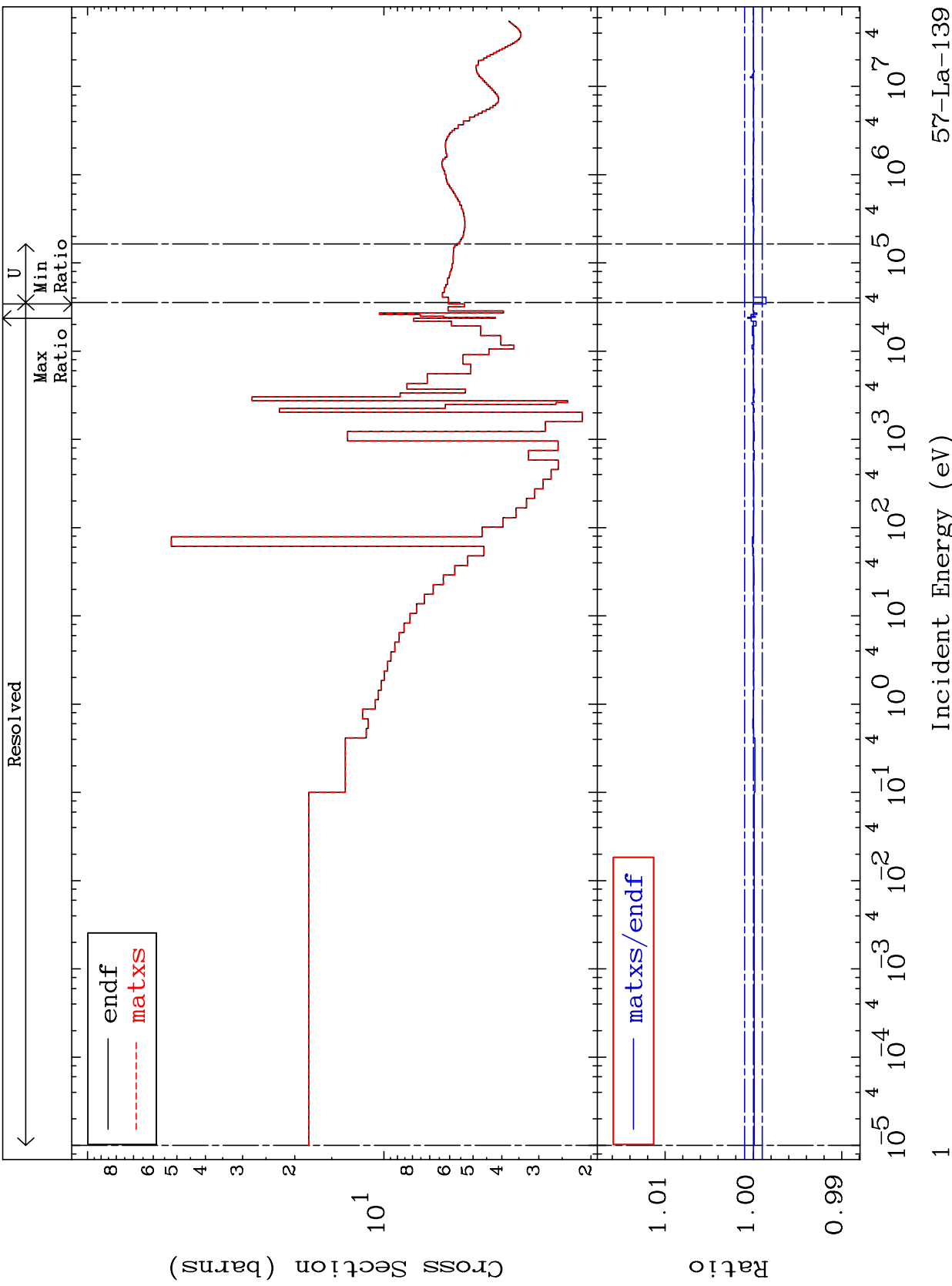
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5728

Total
Cross Section

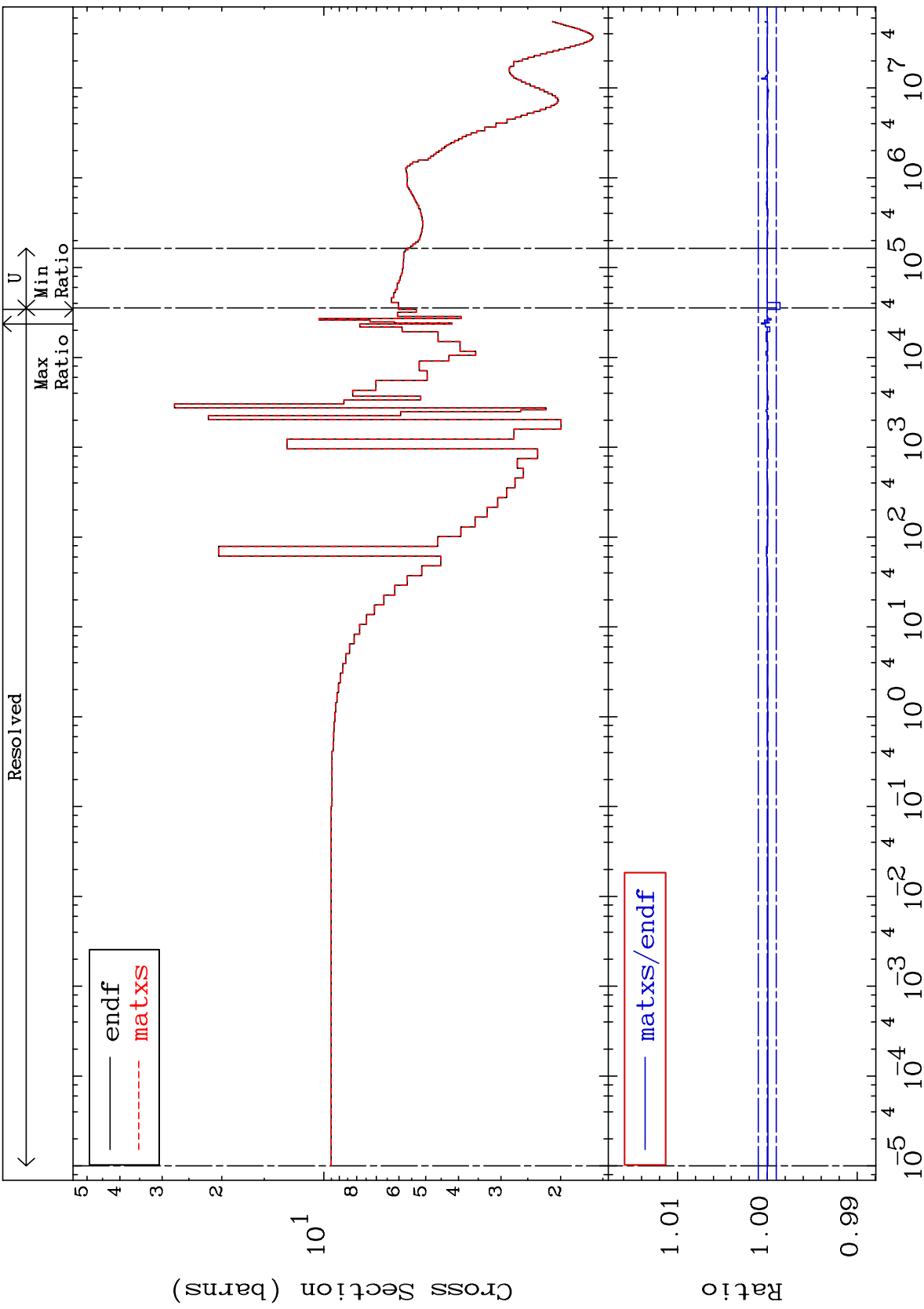
57-La-139
-0.142 To 0.065 %



MAT 5728

Elastic
Cross Section

57-La-139
-0.141 To 0.065 %



2

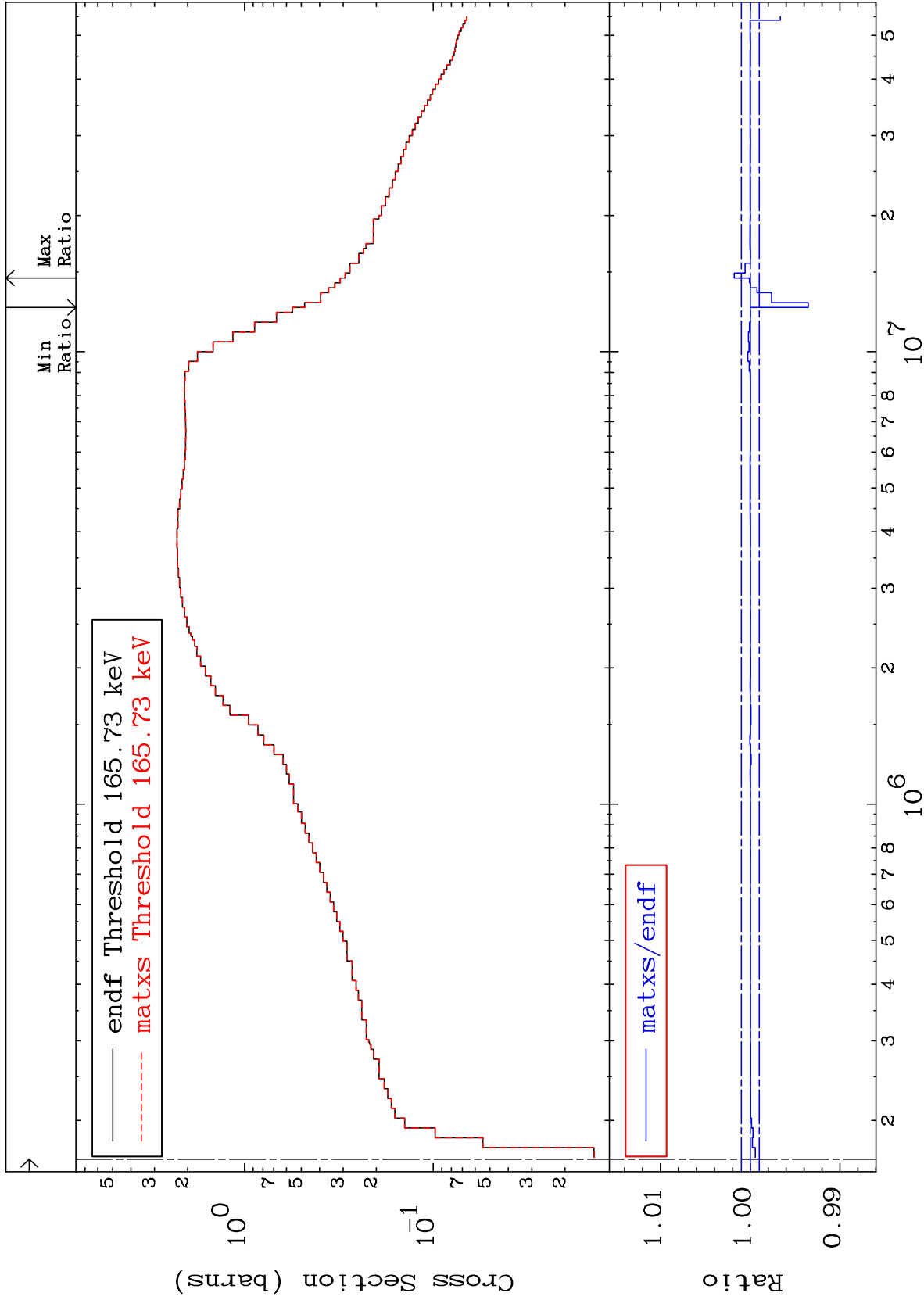
Incident Energy (eV)

57-La-139

MAT 5728

Inelastic
Cross Section

57-La-139
-0.647 To 0.178 %



3

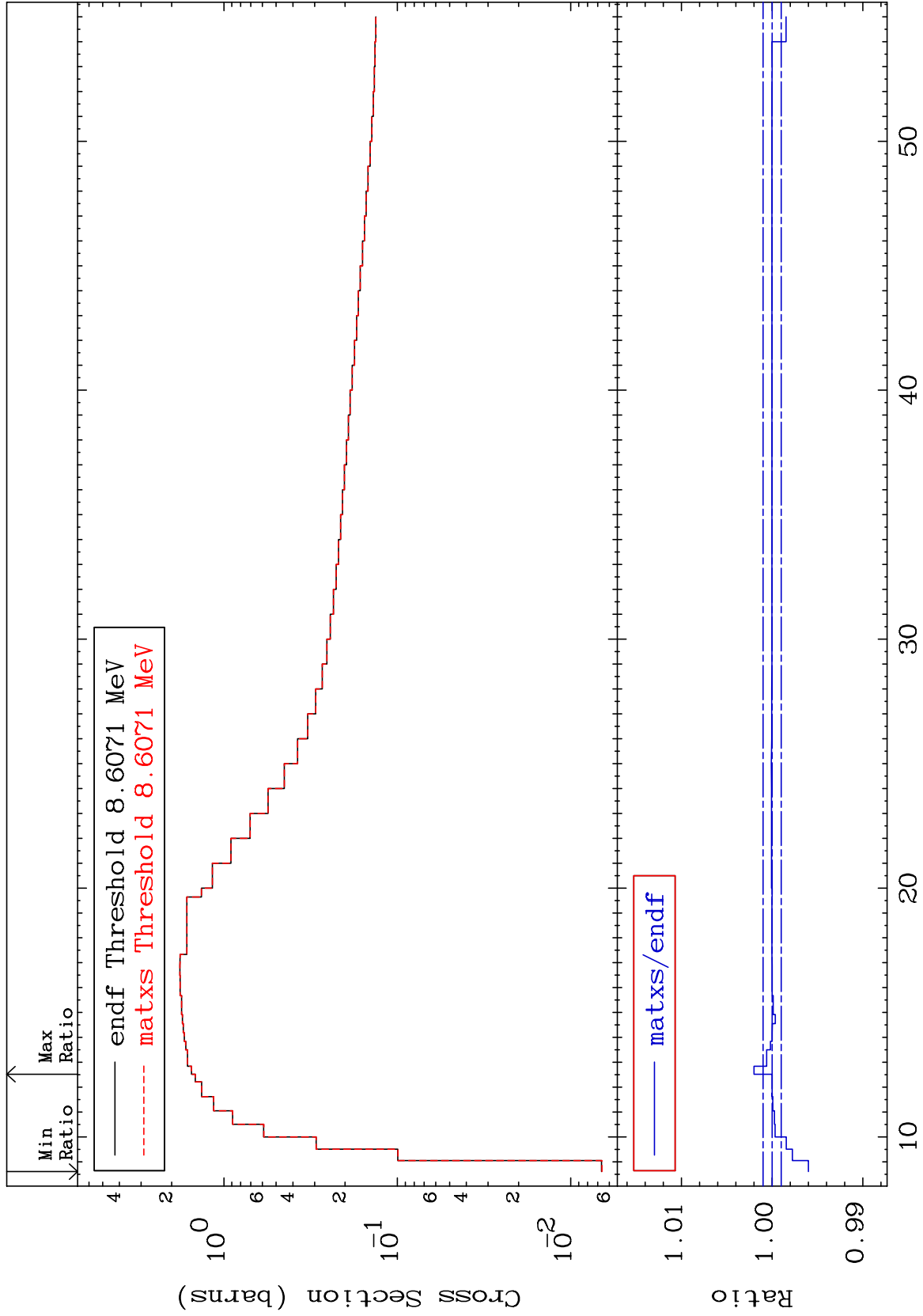
Incident Energy (eV)

57-La-139

MAT 5728

(n,2n)
Cross Section

57-La-139
-0.400 To 0.200 %



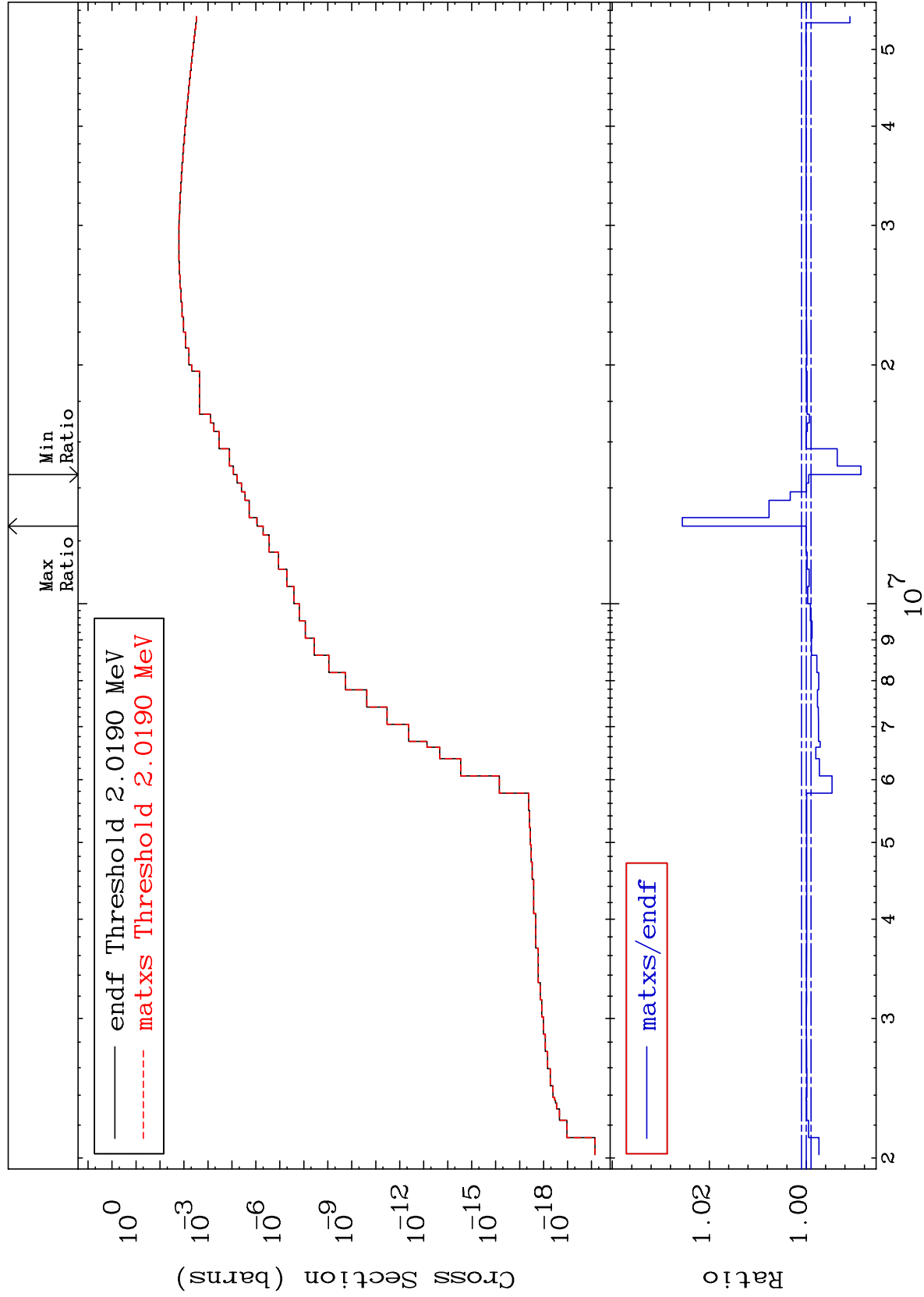
MAT 5728

(n, n') α

57-La-139

Cross Section

-1.128 To 2.555 %



5

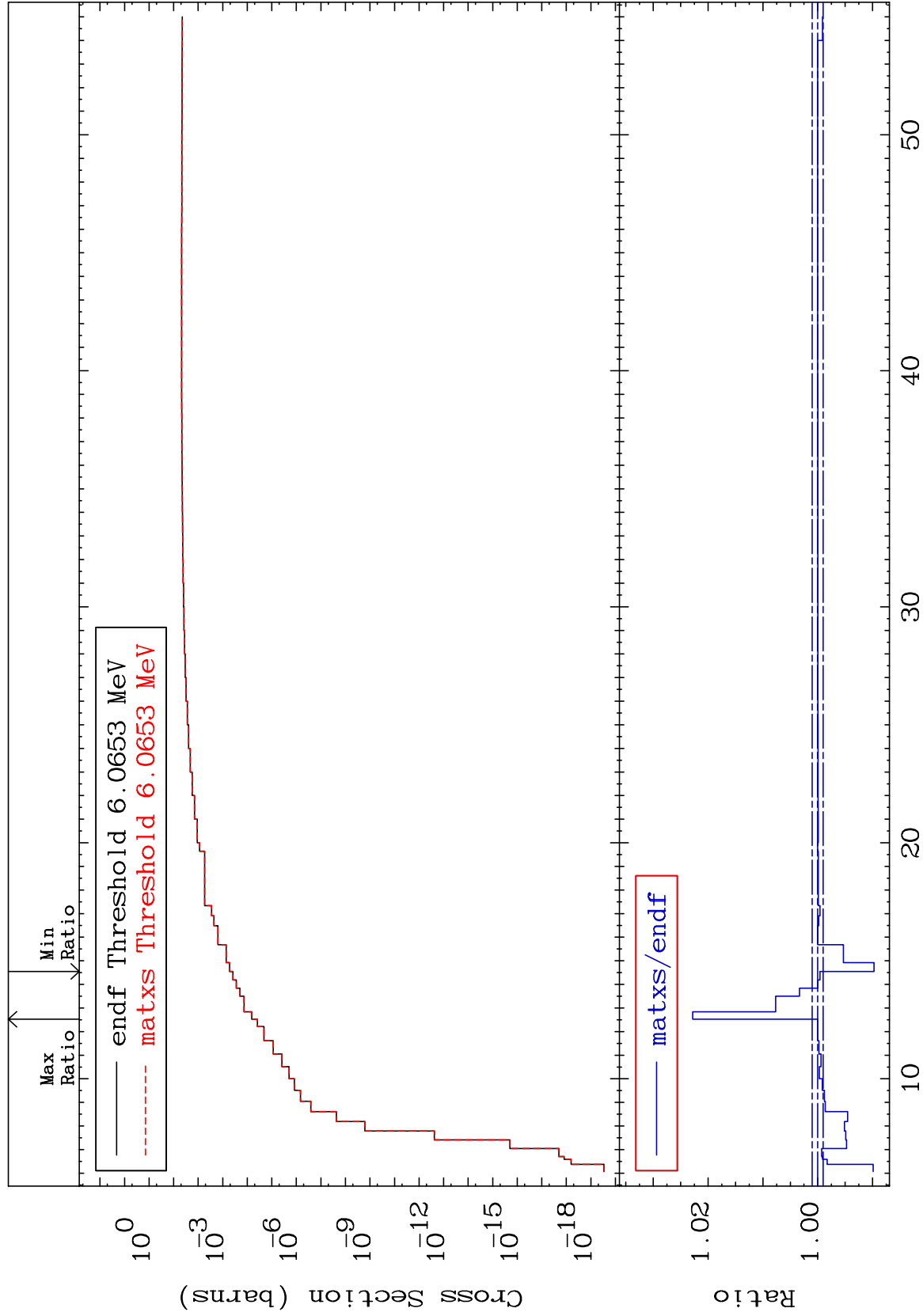
Incident Energy (eV)

57-La-139

MAT 5728

(n, n') p
Cross Section

57-La-139
-1.026 To 2.280 %



6

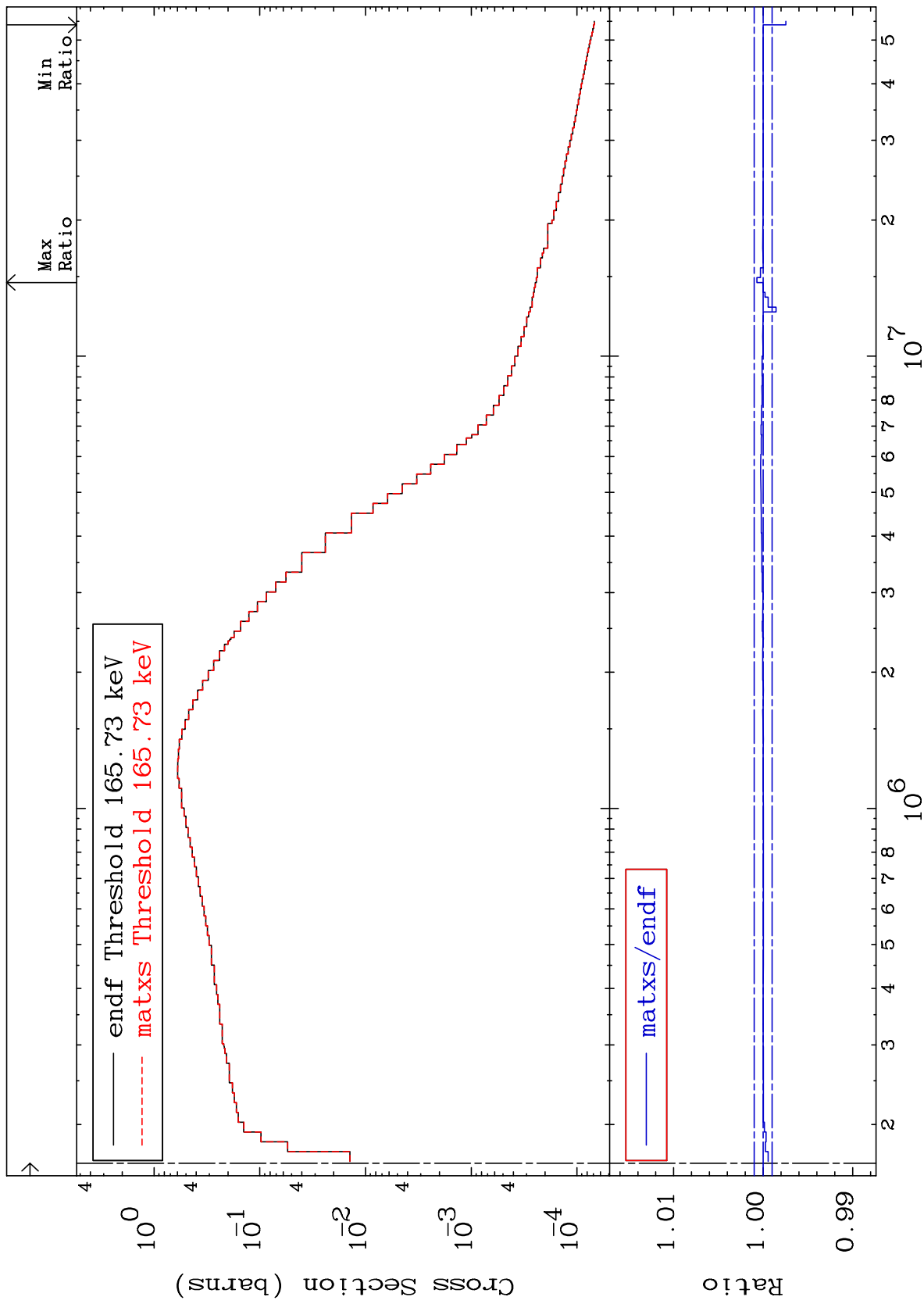
Incident Energy (MeV)

57-La-139

MAT 5728

165.9 keV (n,n') Level
Cross Section

57-La-139
-0.254 To 0.071 %



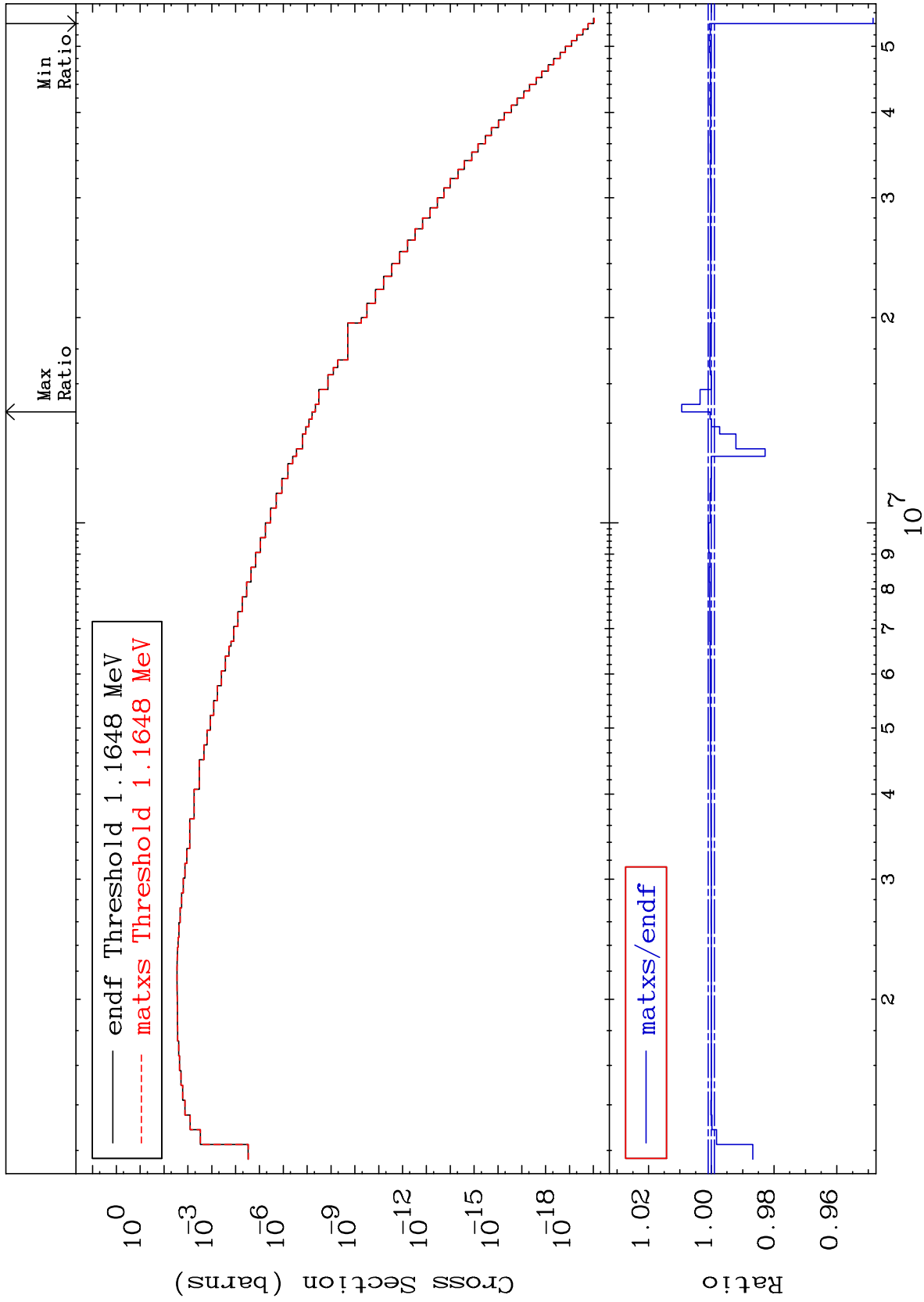
7

57-La-139

MAT 5728

1.209 MeV (n,n') Level
Cross Section

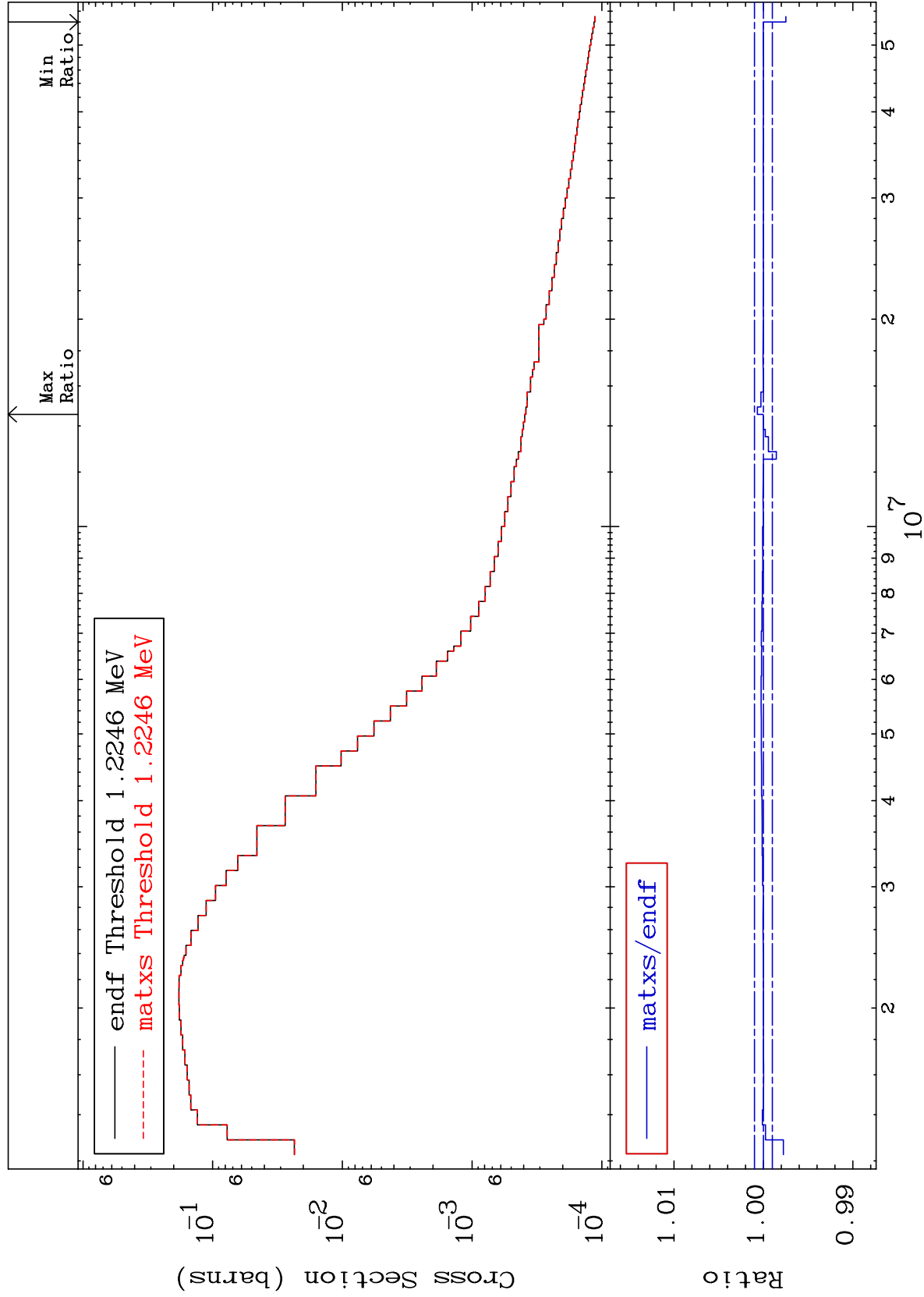
57-La-139
-5.155 To 0.941 %



MAT 5728

1.219 MeV (n,n') Level
Cross Section

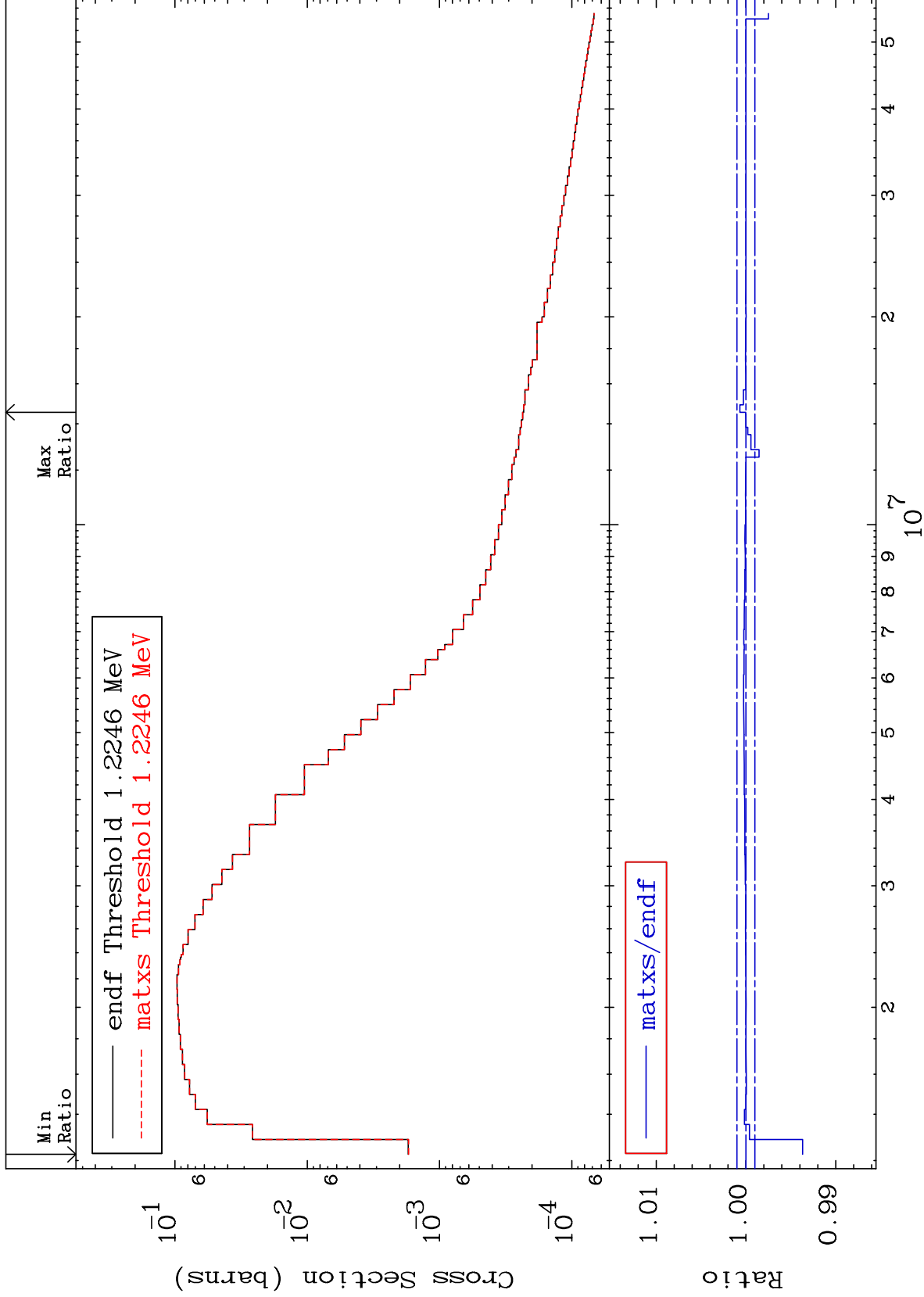
57-La-139
-0.251 To 0.067 %



MAT 5728

1.257 MeV (n,n') Level
Cross Section

57-La-139
-0.631 To 0.067 %



10

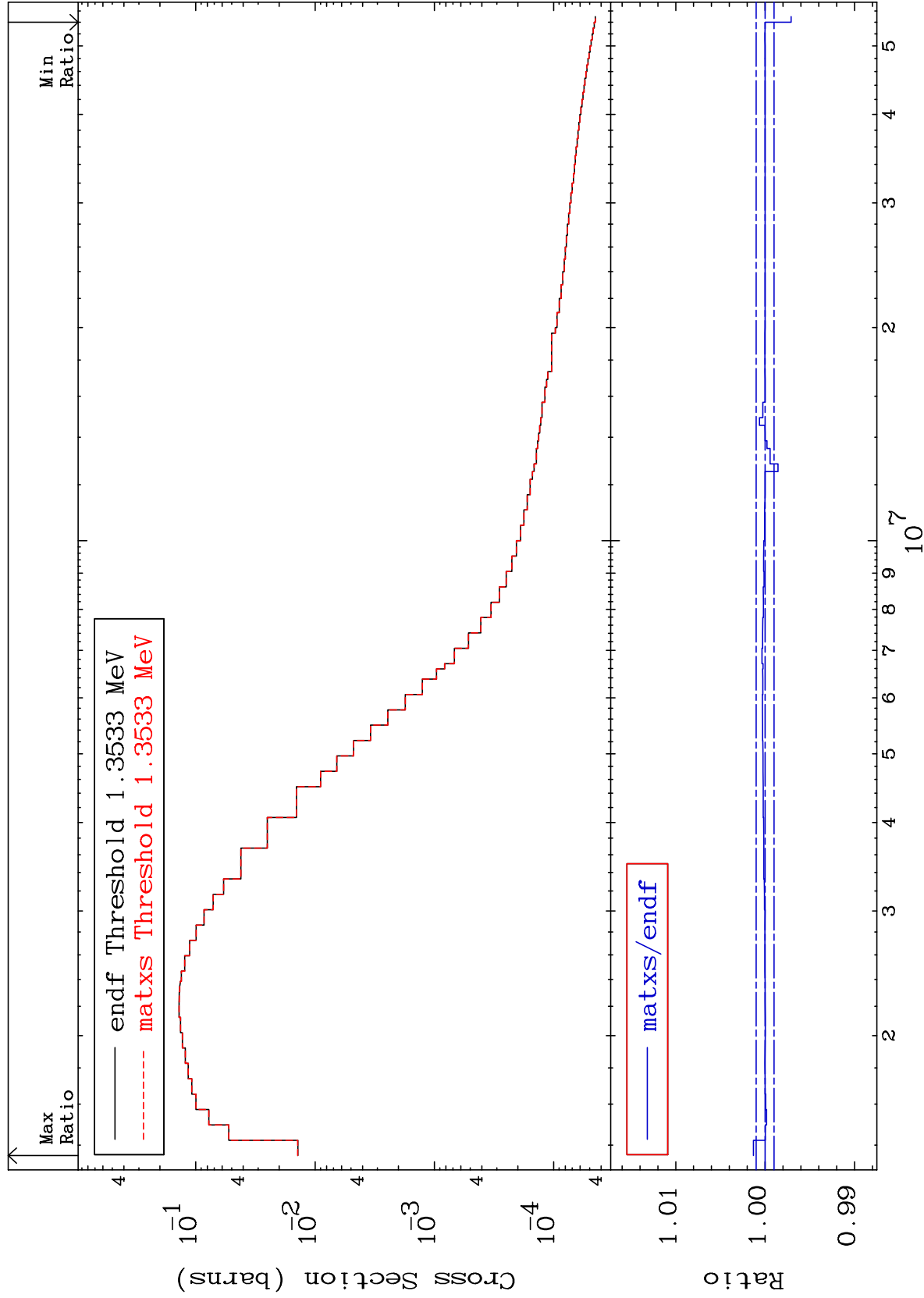
Incident Energy (eV)

57-La-139

MAT 5728

1.381 MeV (n,n') Level
Cross Section

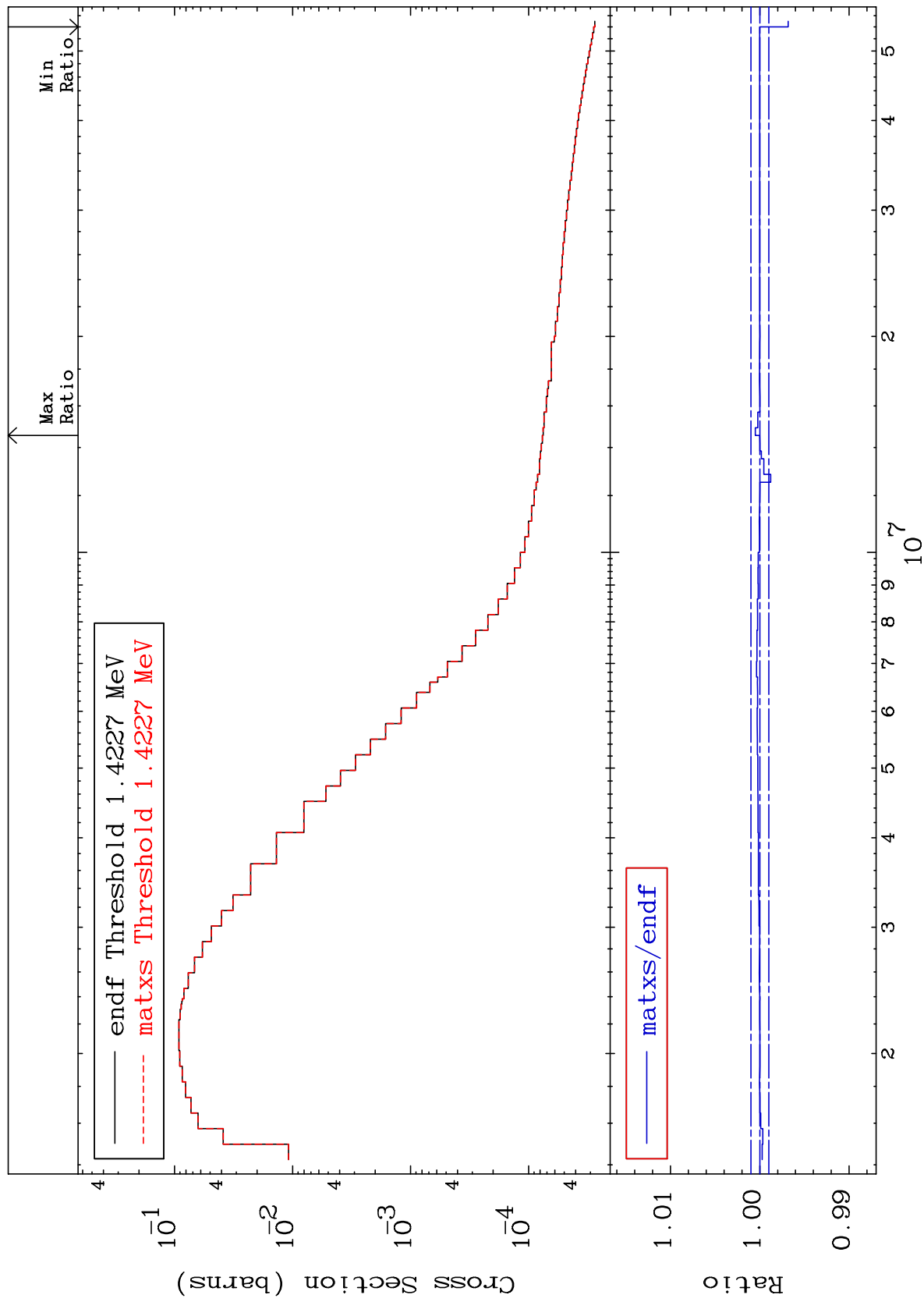
57-La-139
-0.291 To 0.131 %



MAT 5728

1.420 MeV (n,n') Level
Cross Section

57-La-139
-0.317 To 0.051 %



12

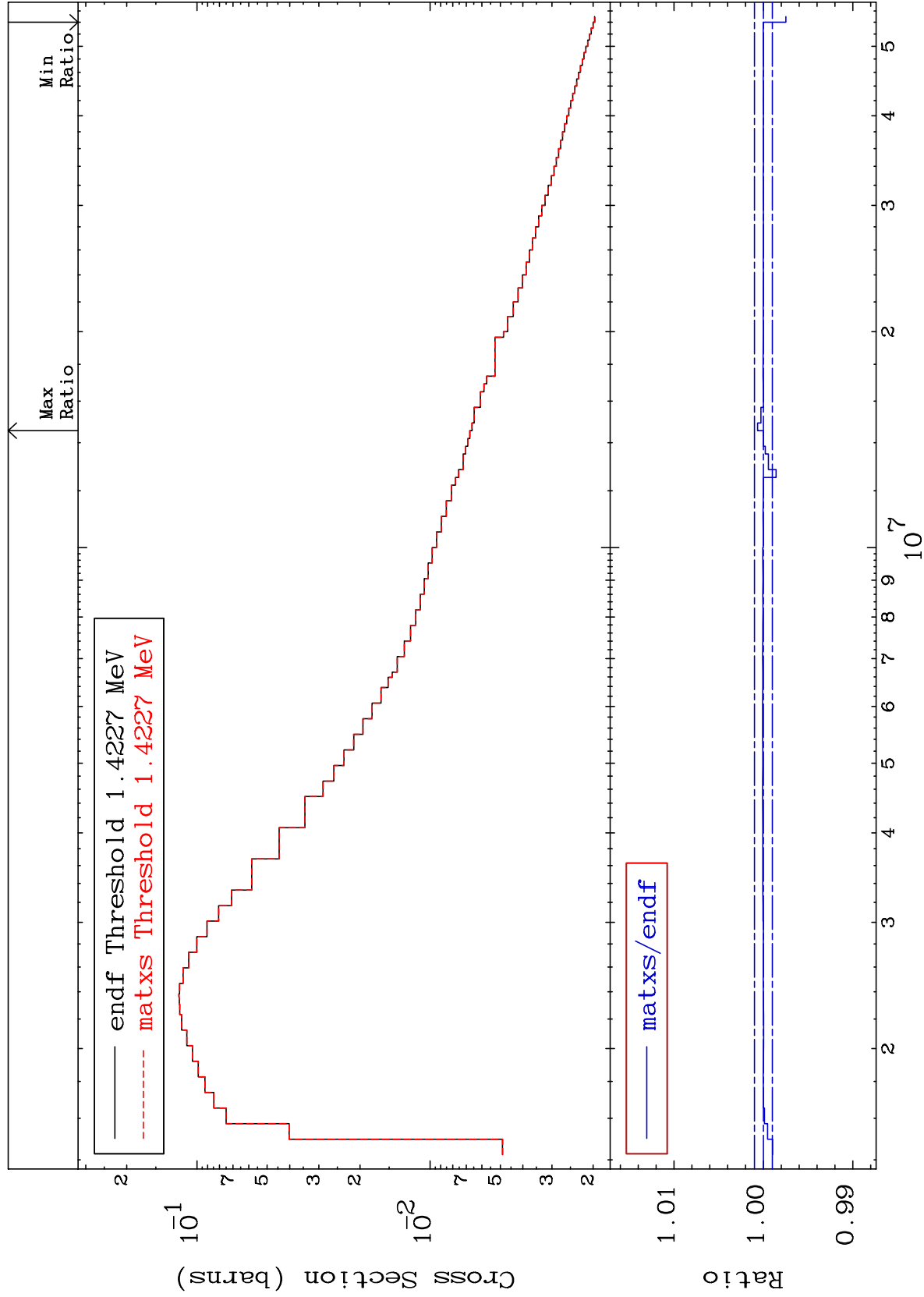
57-La-139

57-La-139

MAT 5728

1.448 MeV (n,n') Level
Cross Section

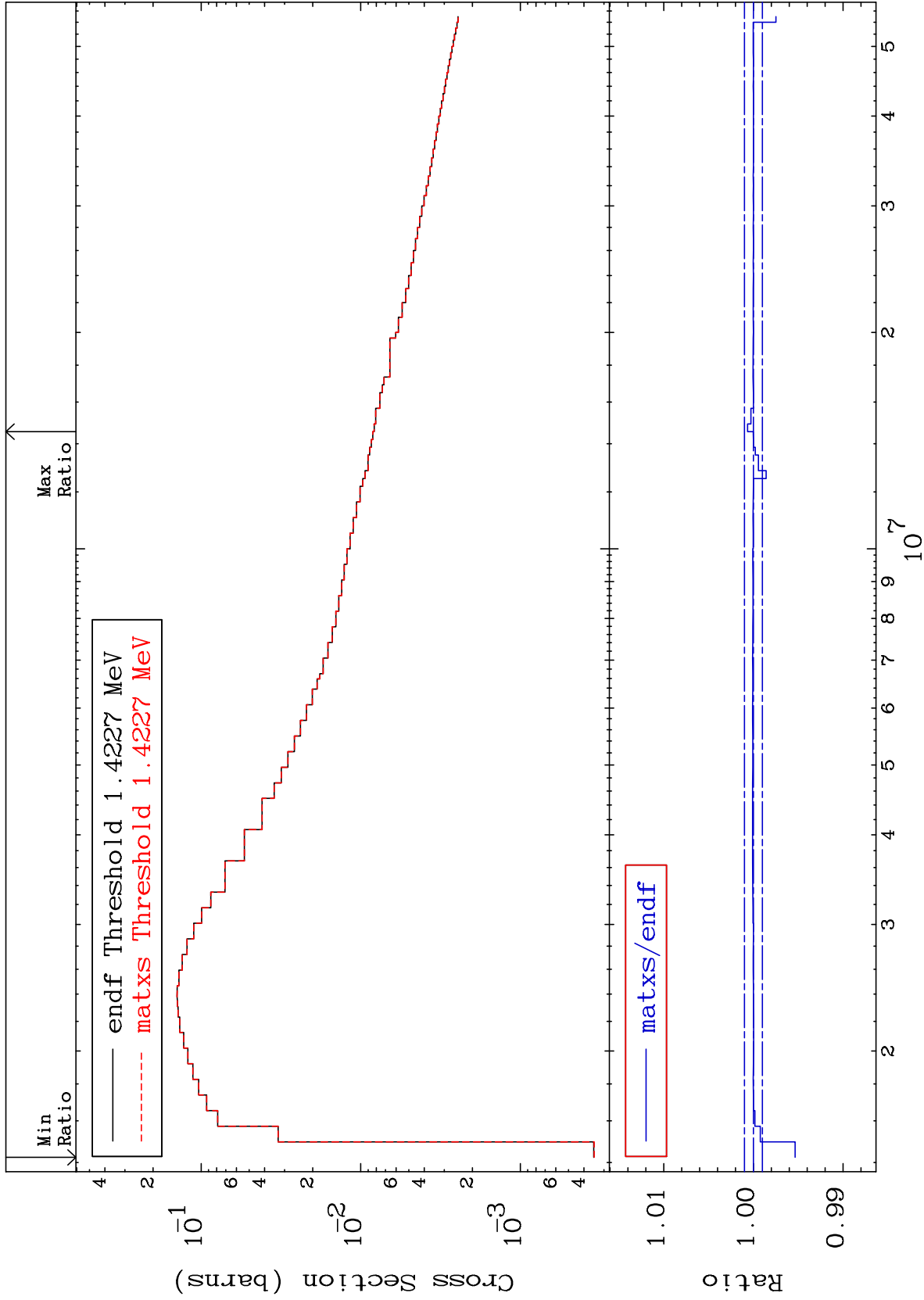
57-La-139
-0.250 To 0.066 %



MAT 5728

1.476 MeV (n,n') Level
Cross Section

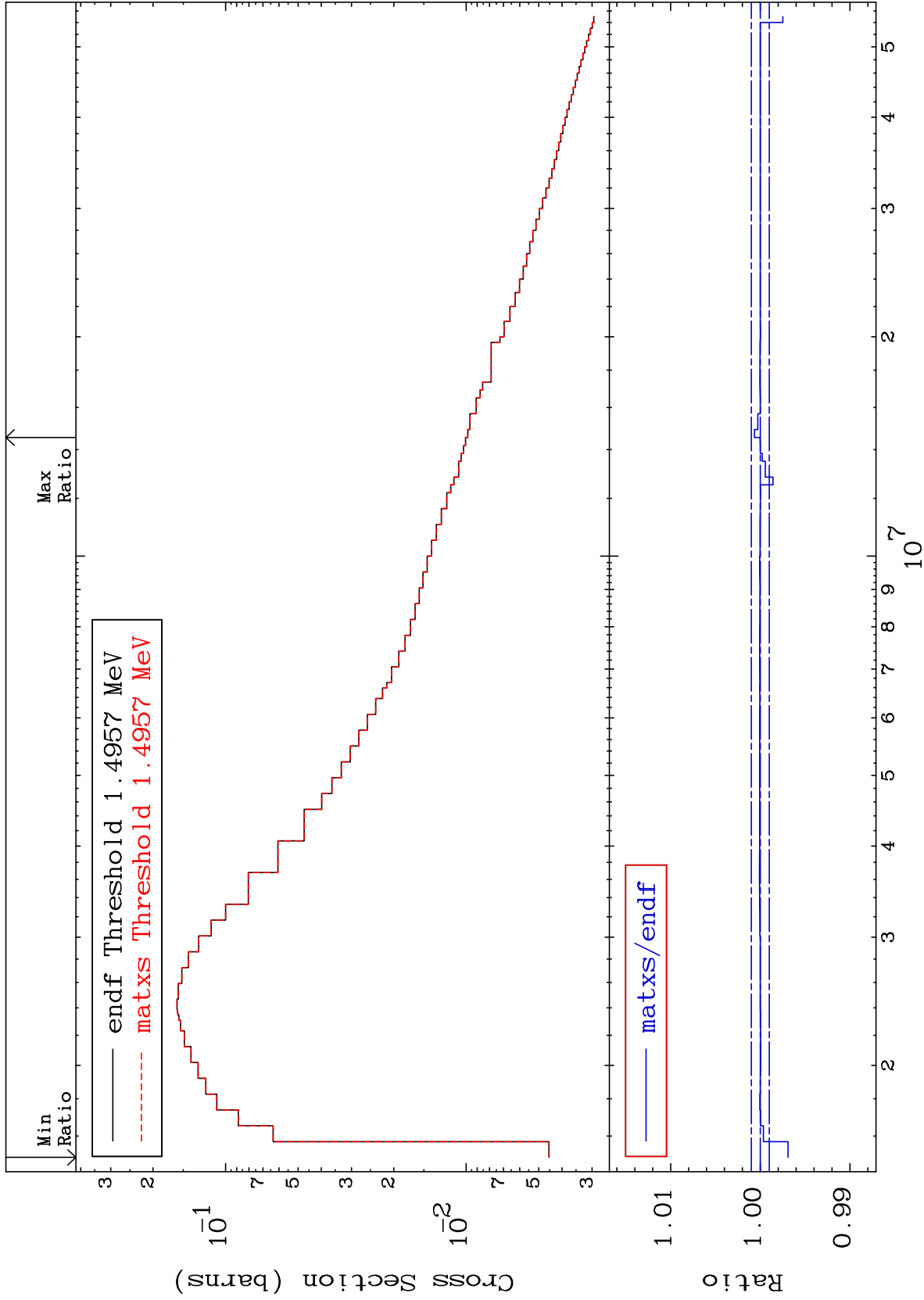
57-La-139
-0.464 To 0.066 %



MAT 5728

1.538 MeV (n,n') Level
Cross Section

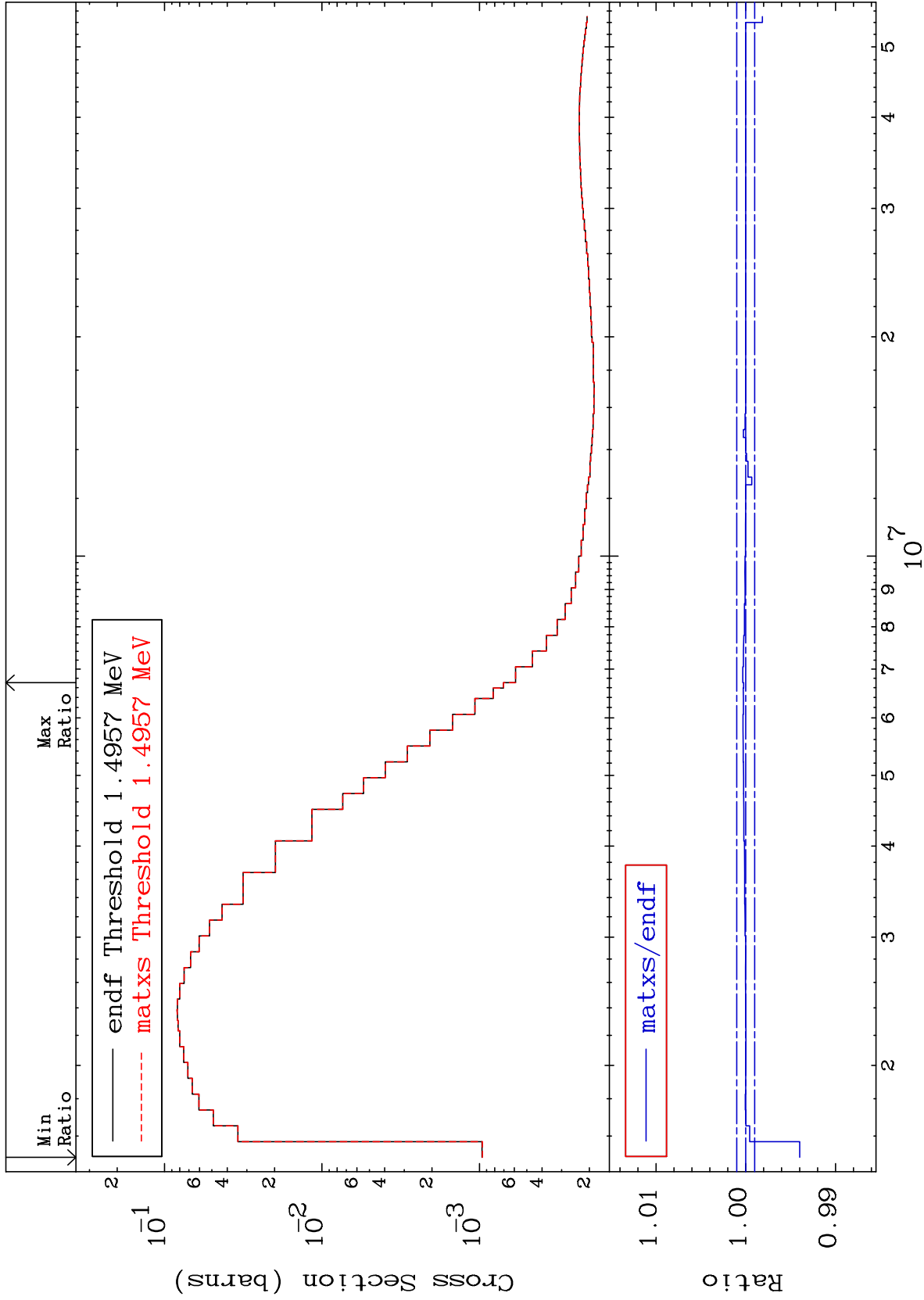
57-La-139
-0.310 To 0.066 %



MAT 5728

1.548 MeV (n,n') Level
Cross Section

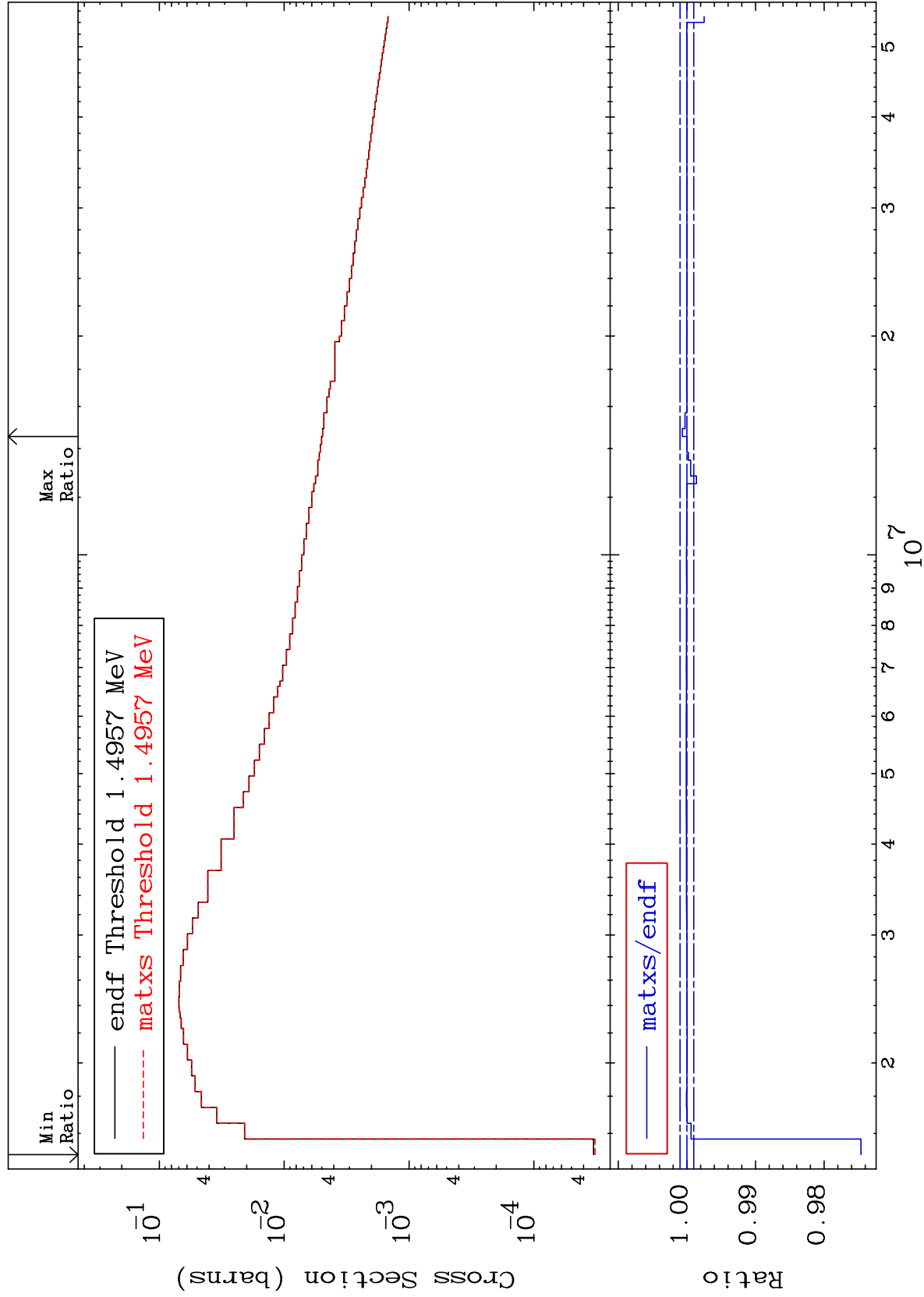
57-La-139
-0.601 To 0.032 %



MAT 5728

1.558 MeV (n,n') Level
Cross Section

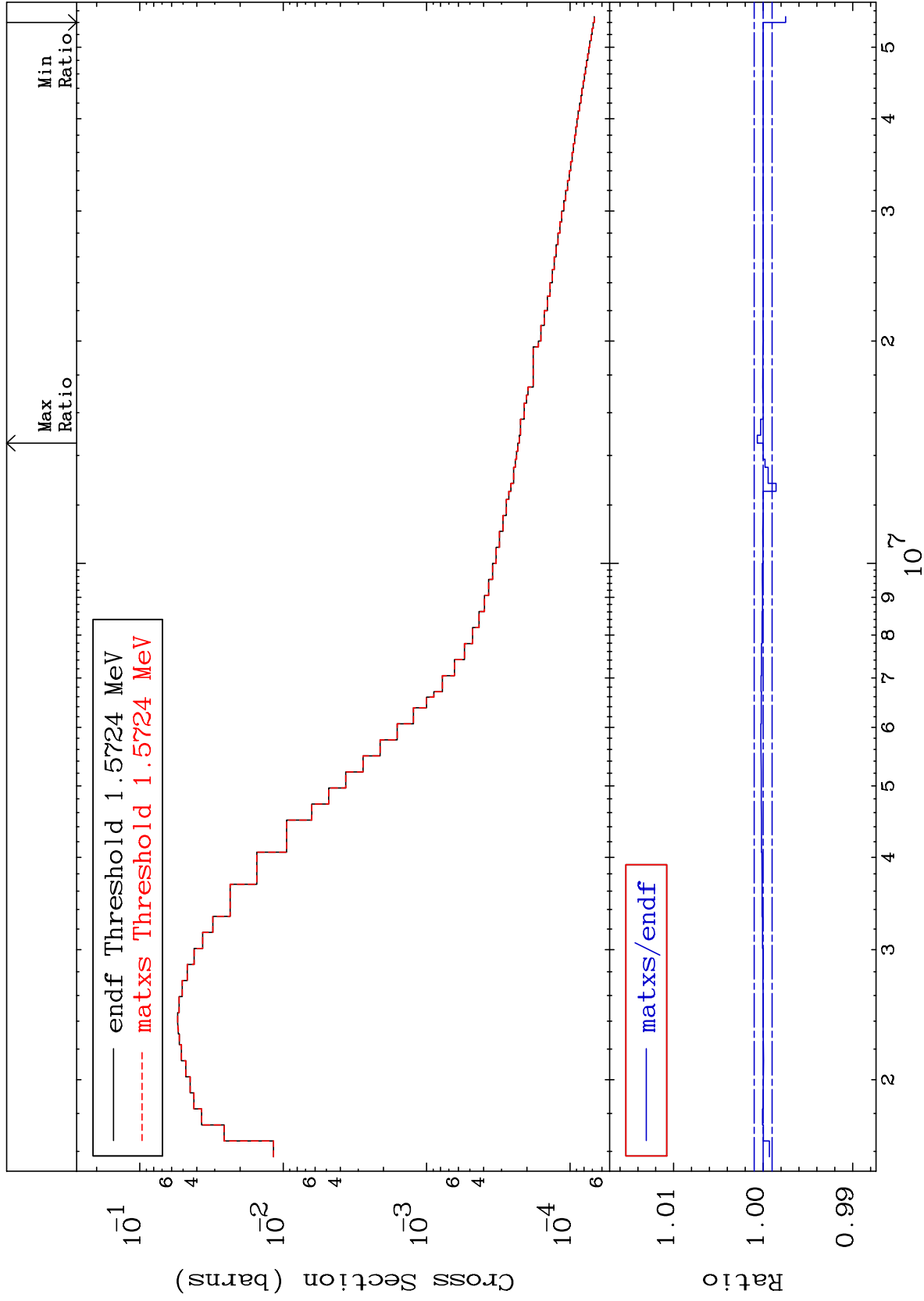
57-La-139
-2.536 To 0.066 %



MAT 5728

1.578 MeV (n,n') Level
Cross Section

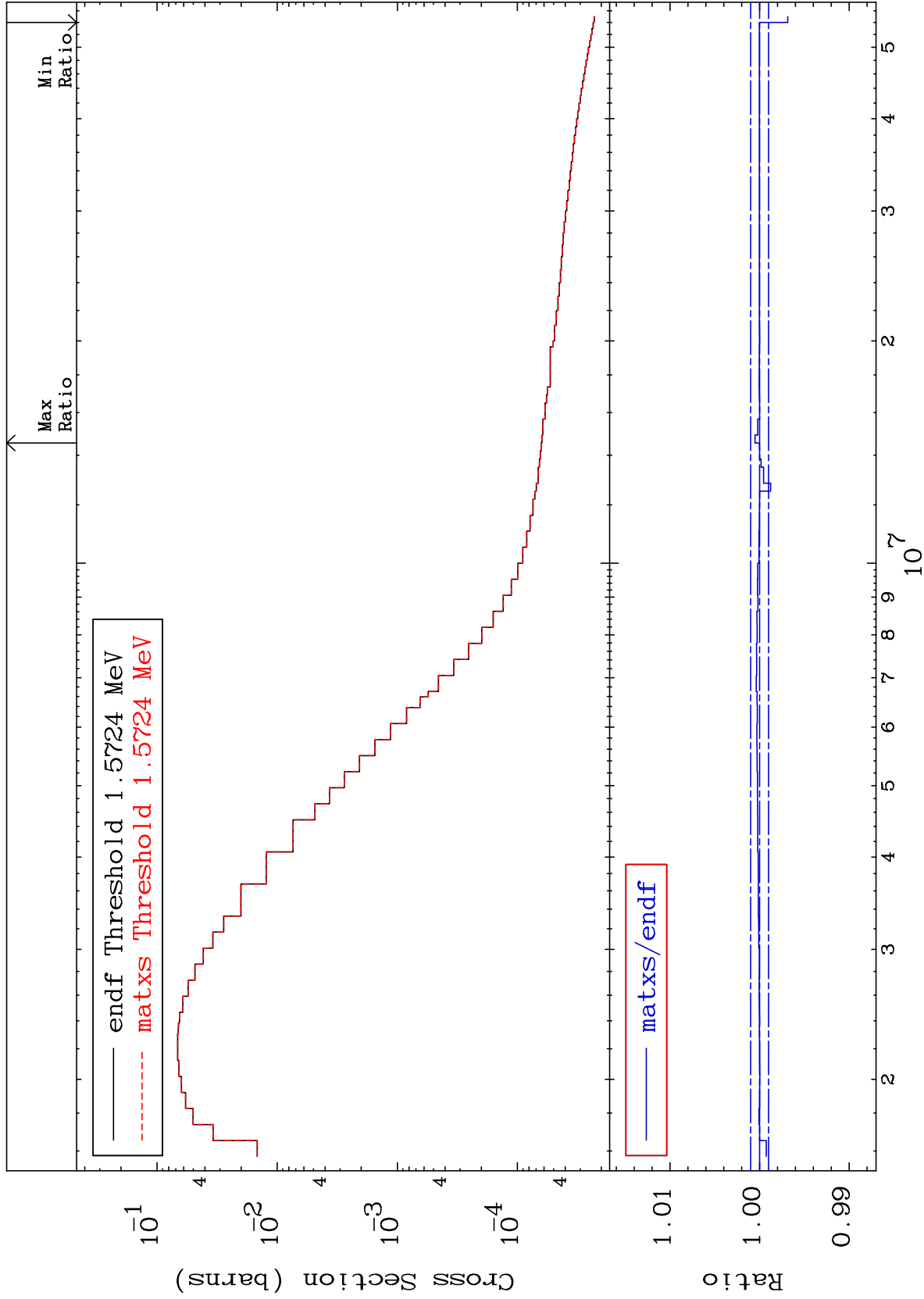
57-La-139
-0.250 To 0.067 %



MAT 5728

1.580 MeV (n,n') Level
Cross Section

57-La-139
-0.316 To 0.051 %



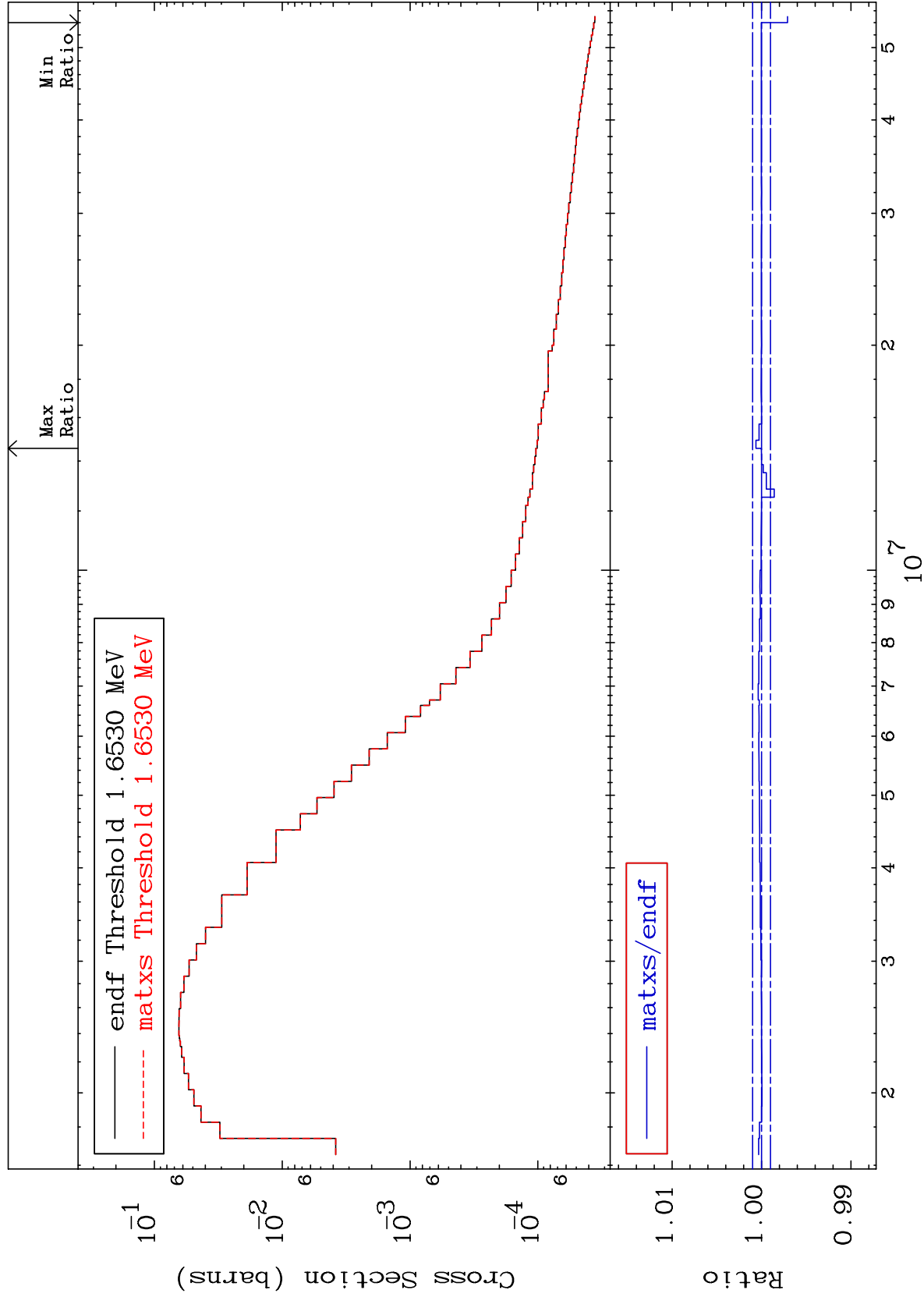
19

57-La-139

MAT 5728

1.683 MeV (n,n') Level
Cross Section

57-La-139
-0.290 To 0.063 %



20

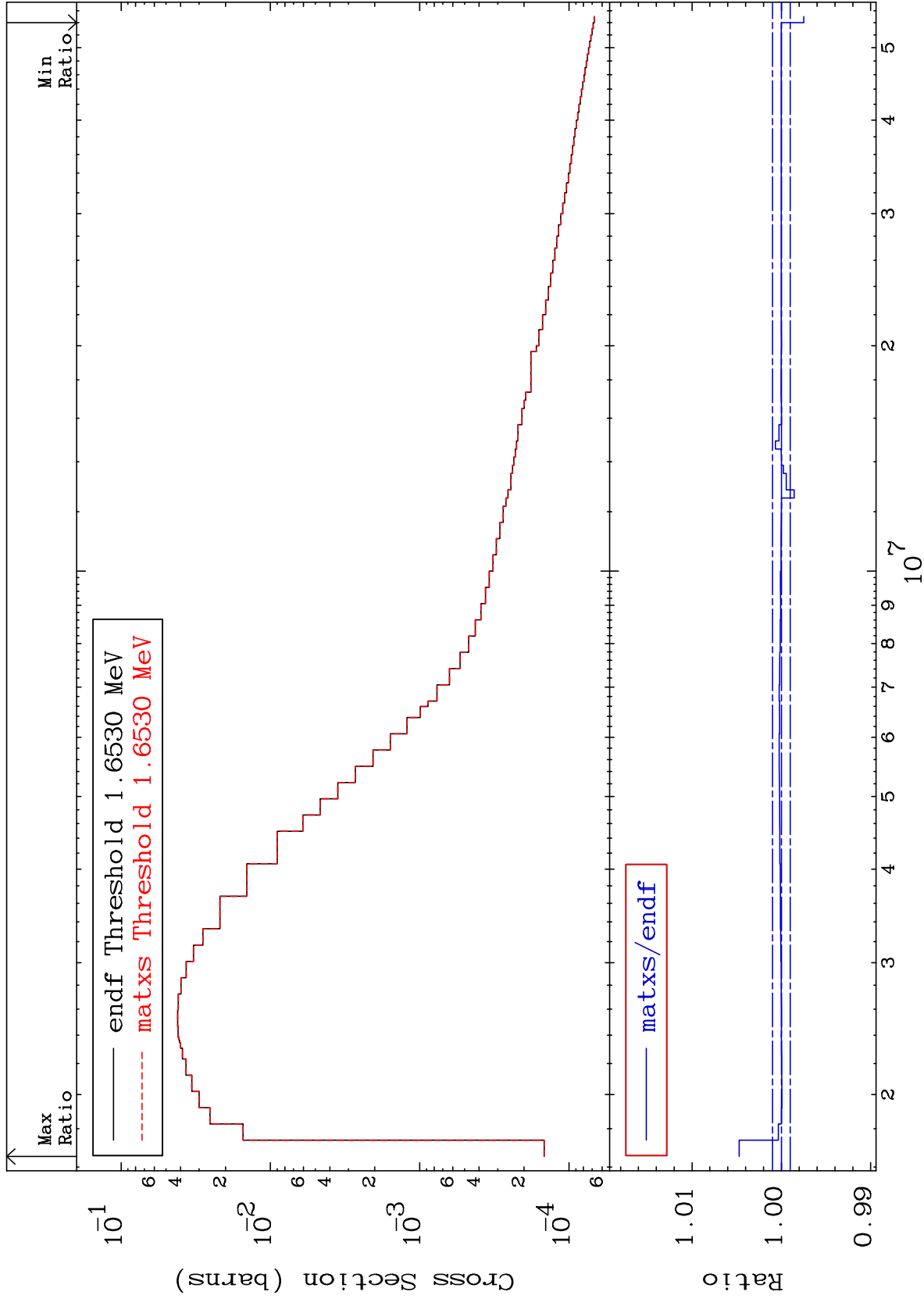
Incident Energy (eV)

57-La-139

MAT 5728

1.716 MeV (n,n') Level
Cross Section

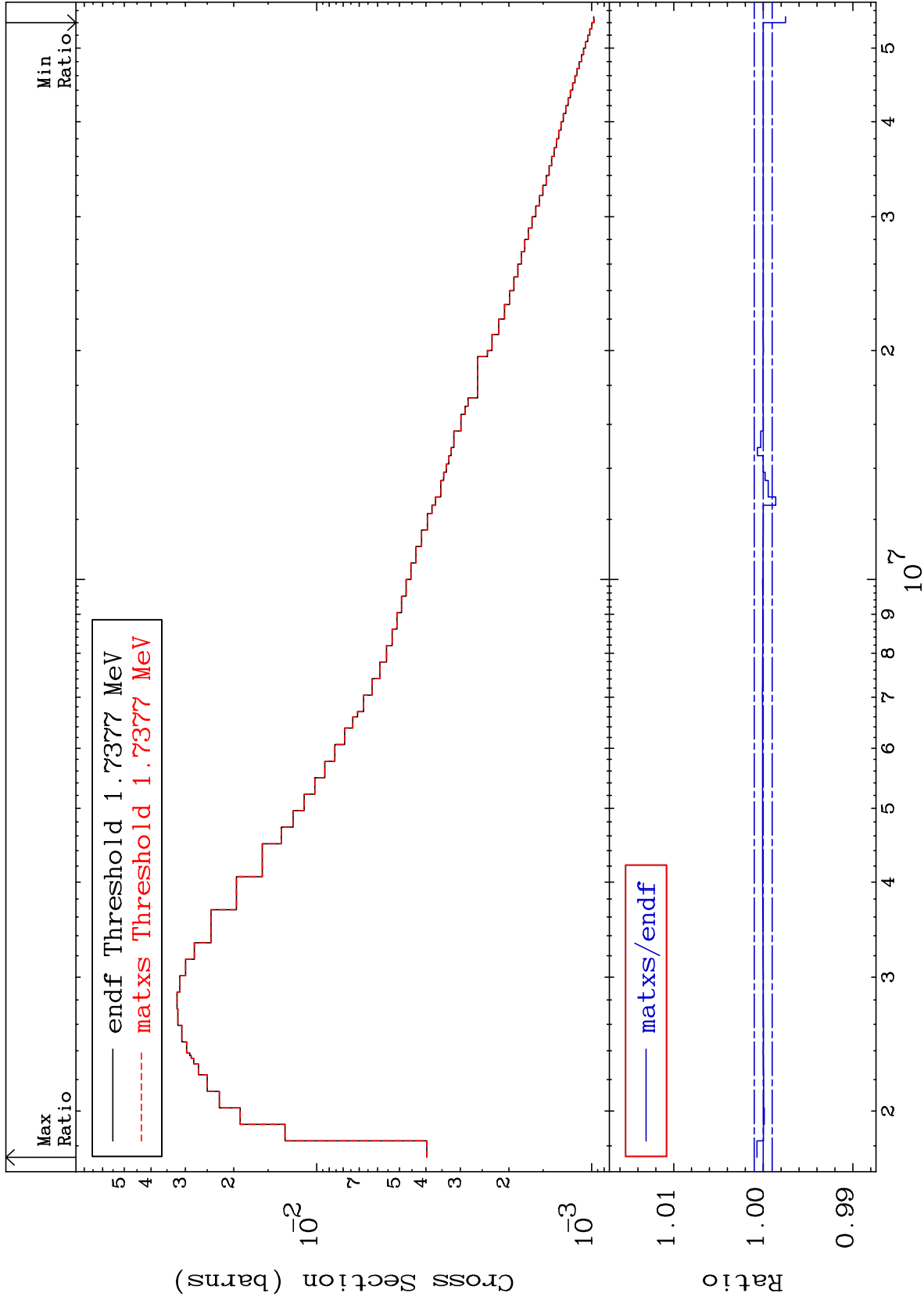
57-La-139
-0.250 To 0.473 %



MAT 5728

1.761 MeV (n,n') Level
Cross Section

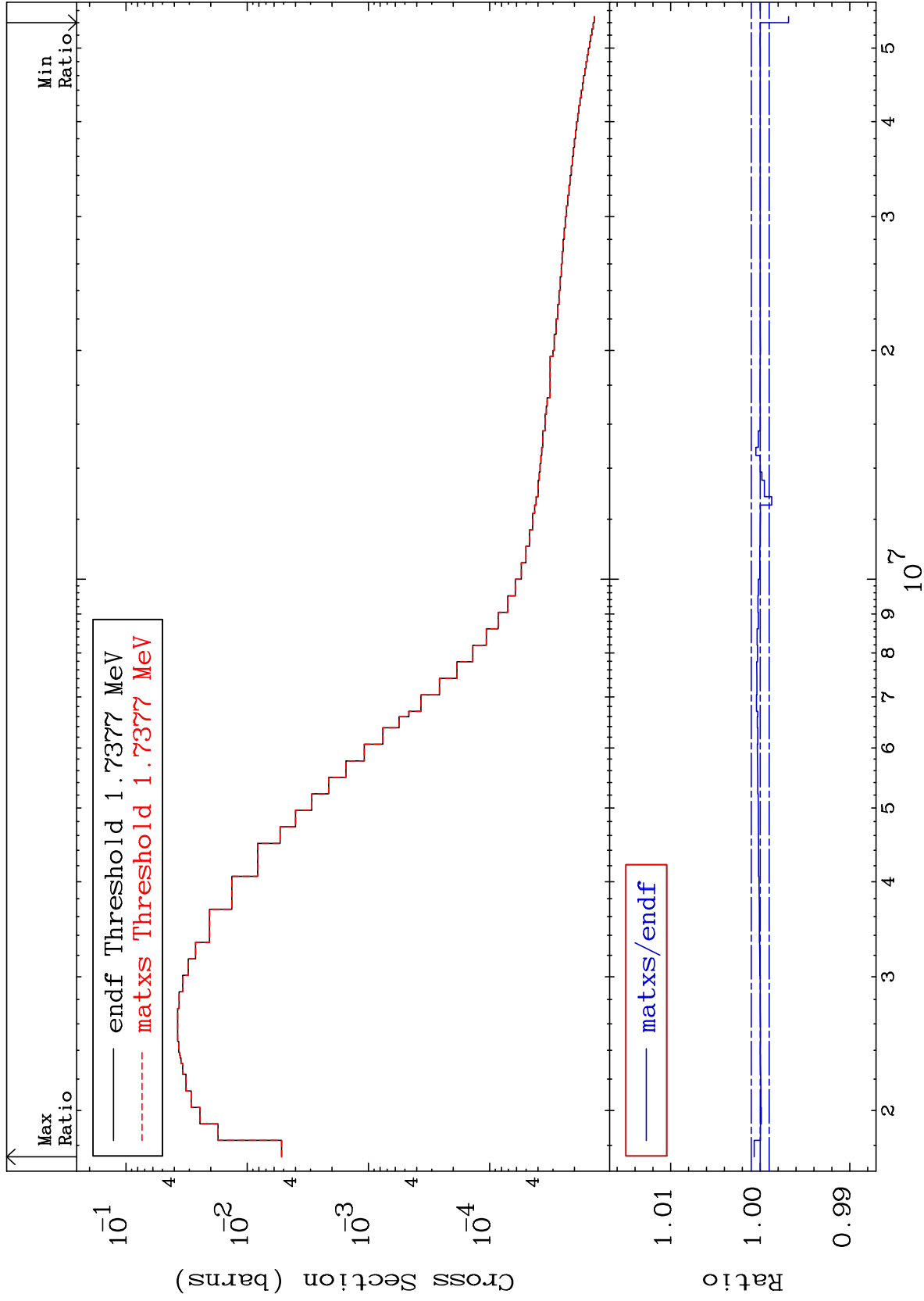
57-La-139
-0.249 To 0.071 %



MAT 5728

1.766 MeV (n,n') Level
Cross Section

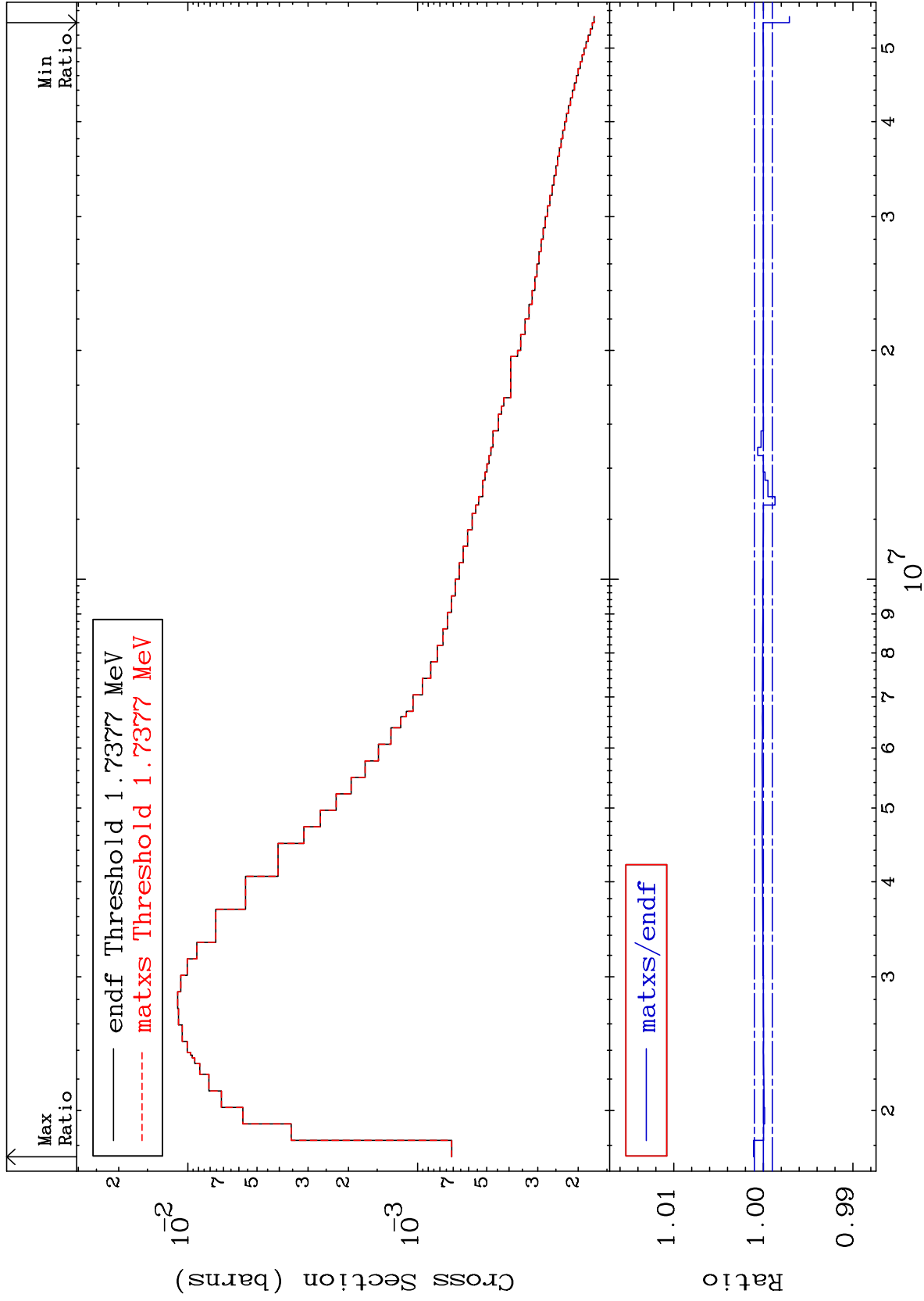
57-La-139
-0.316 To 0.068 %



MAT 5728

1.780 MeV (n,n') Level
Cross Section

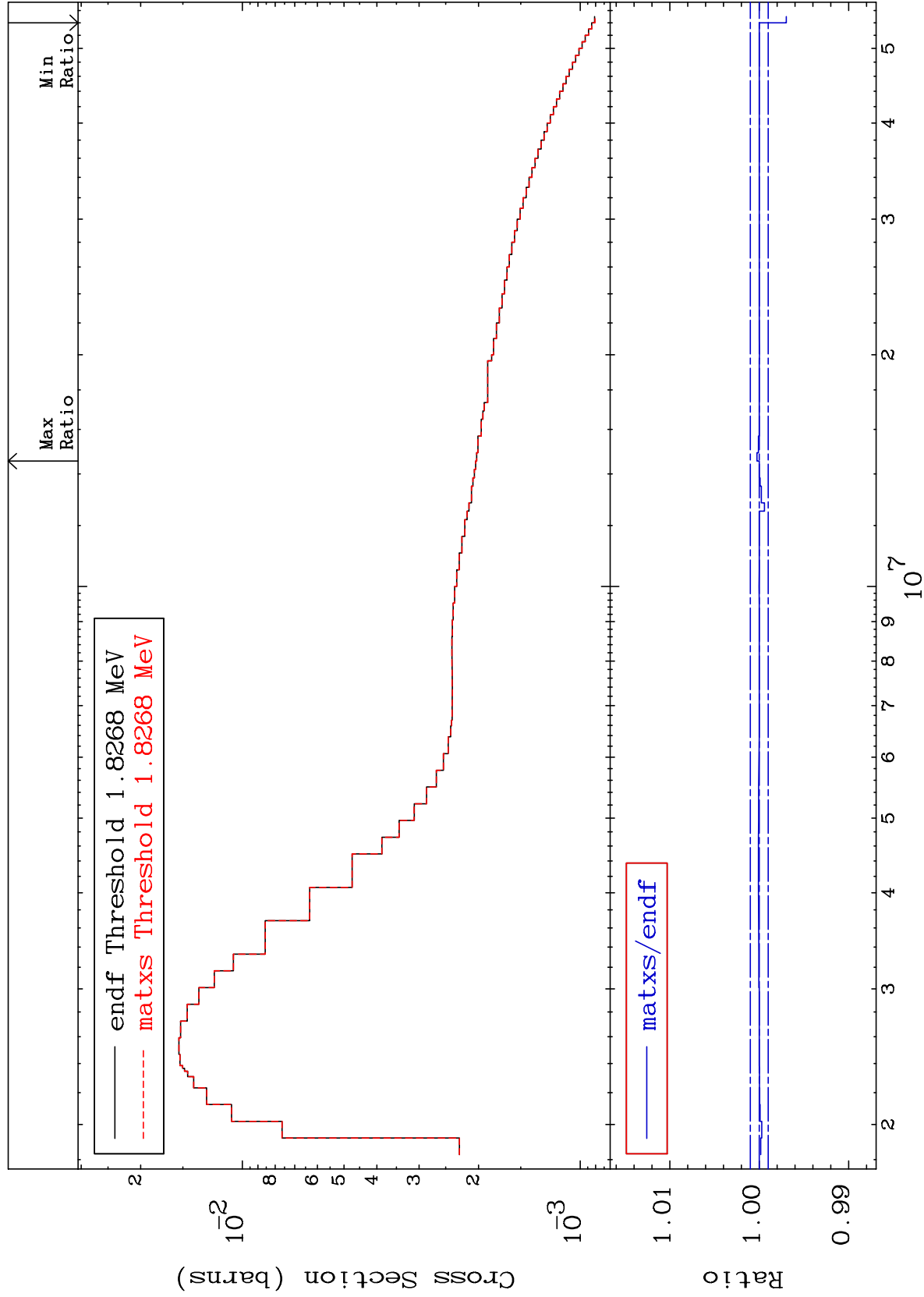
57-La-139
-0.290 To 0.111 %



MAT 5728

1.820 MeV (n,n') Level
Cross Section

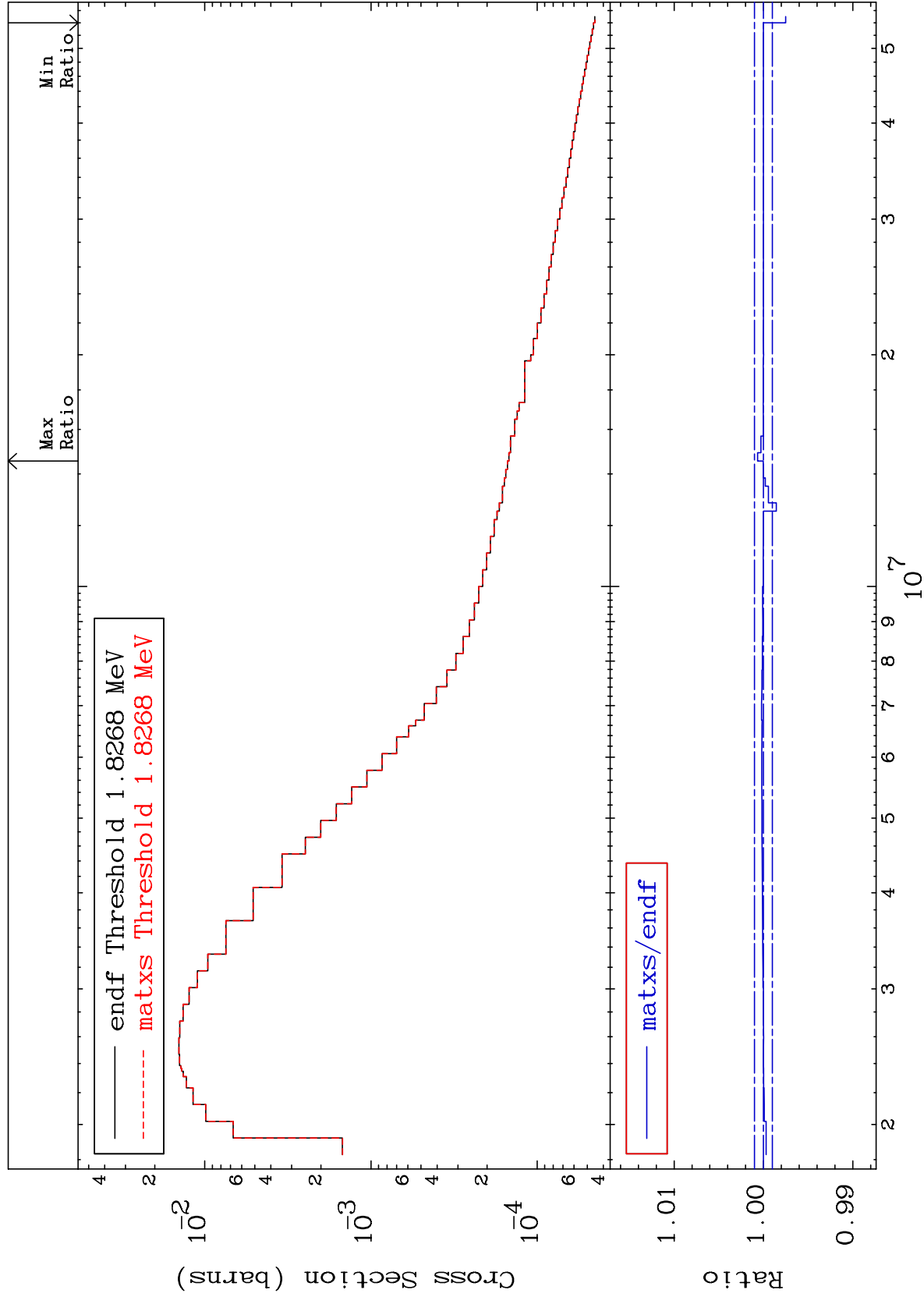
57-La-139
-0.302 To 0.026 %



MAT 5728

1.837 MeV (n,n') Level
Cross Section

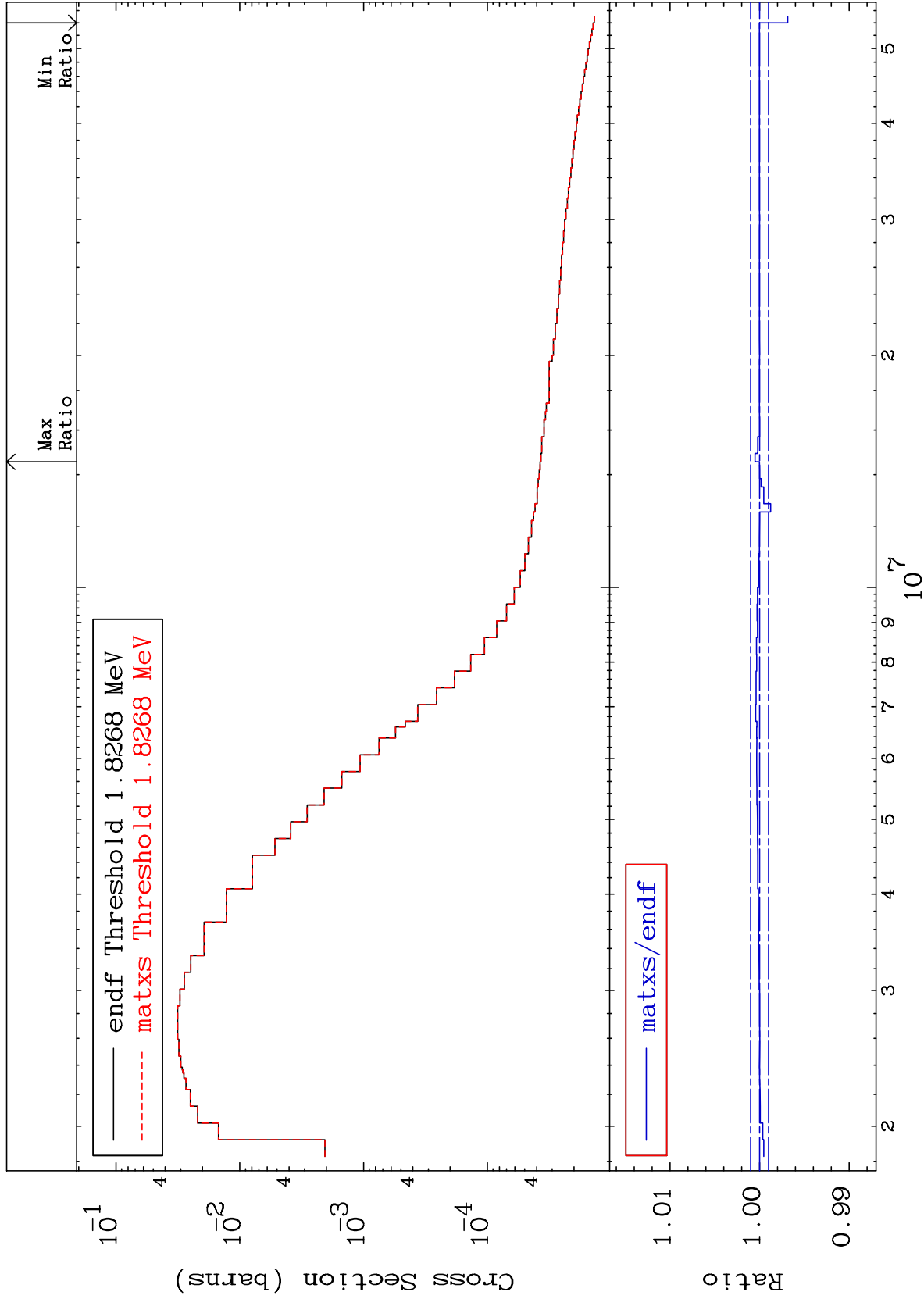
57-La-139
-0.249 To 0.066 %



MAT 5728

1.856 MeV (n,n') Level
Cross Section

57-La-139
-0.315 To 0.050 %



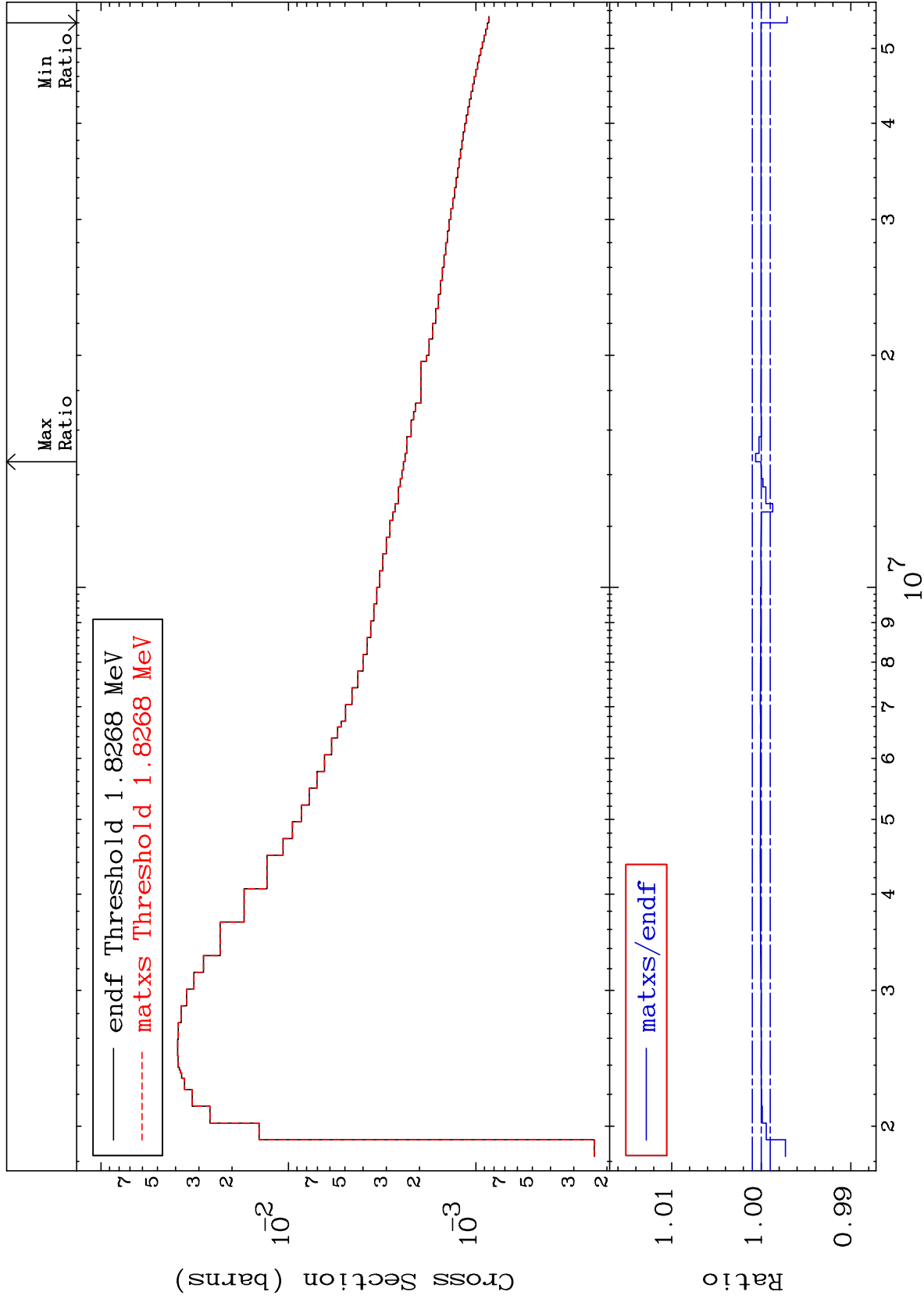
27

57-La-139

MAT 5728

1.893 MeV (n,n') Level
Cross Section

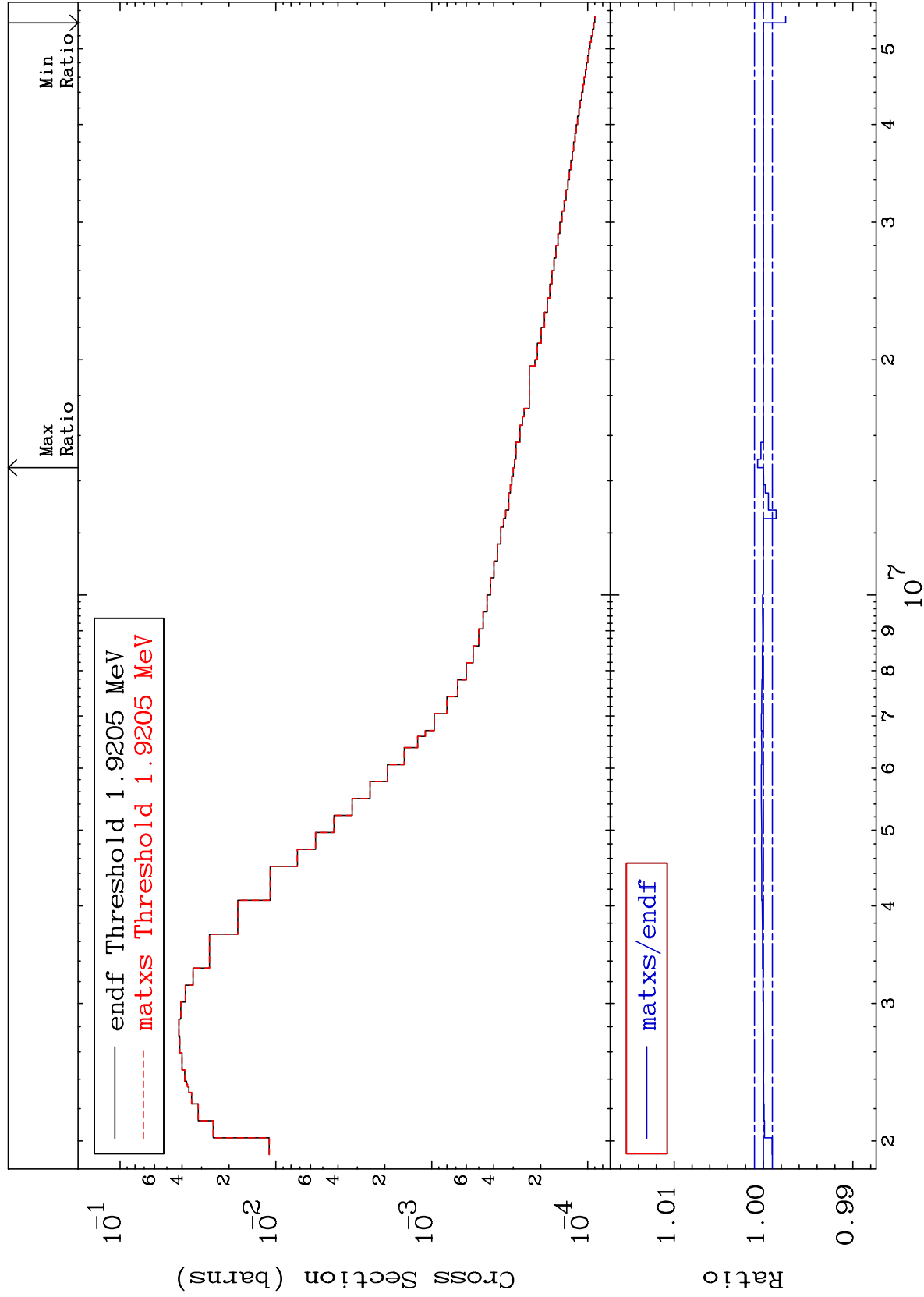
57-La-139
-0.290 To 0.062 %



MAT 5728

1.921 MeV (n,n') Level
Cross Section

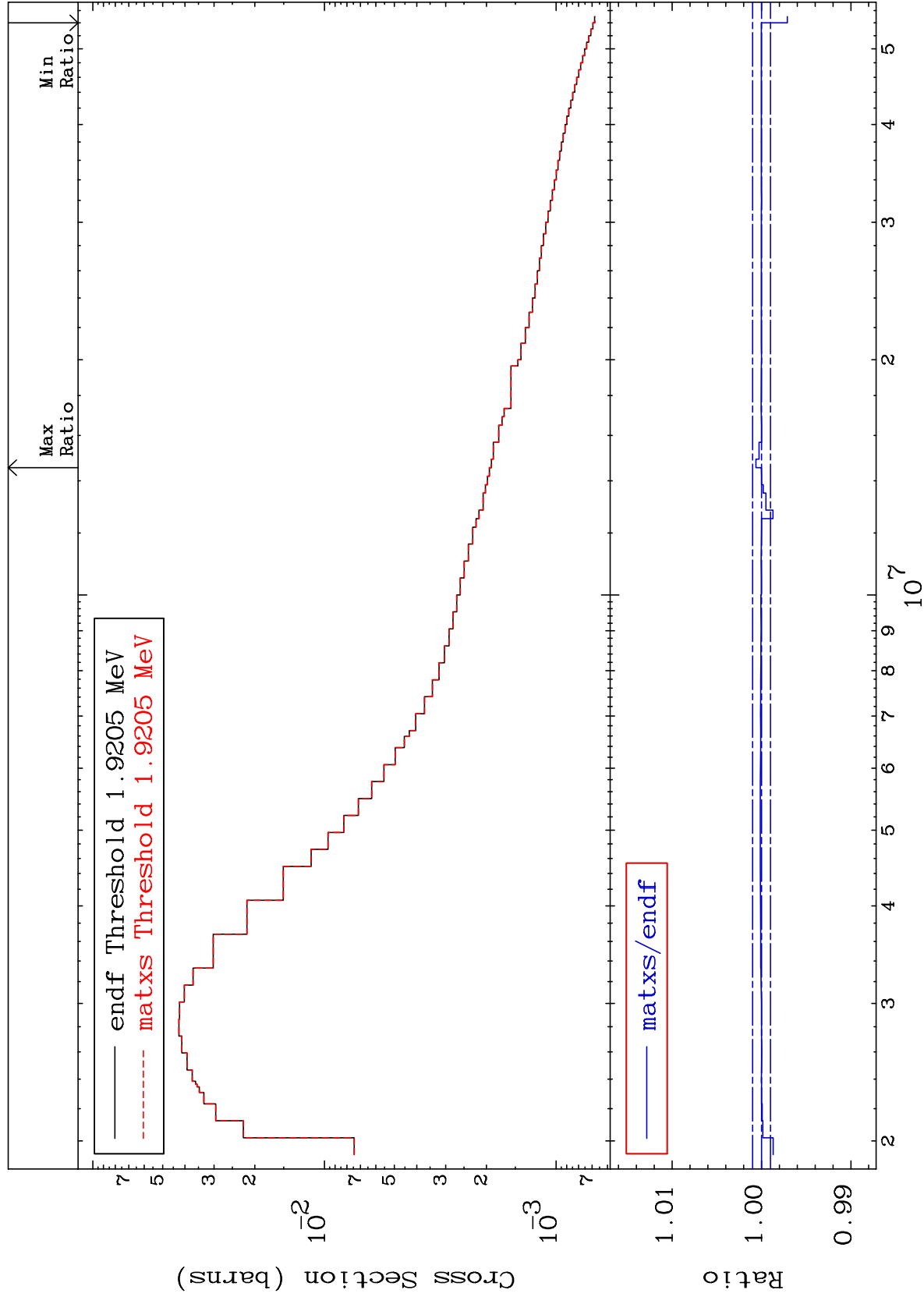
57-La-139
-0.249 To 0.066 %



MAT 5728

1.941 MeV (n,n') Level
Cross Section

57-La-139
-0.289 To 0.061 %



30

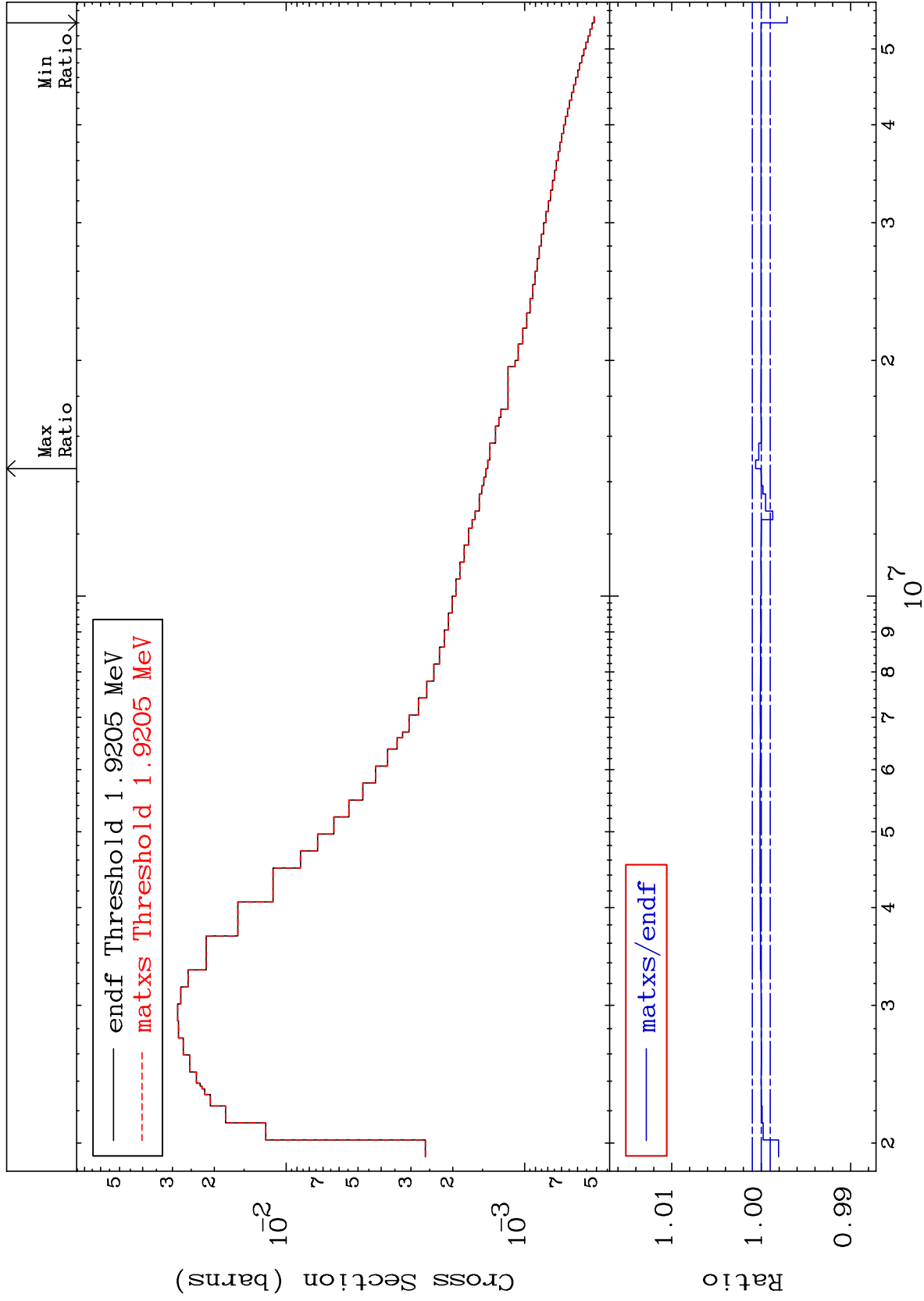
Incident Energy (eV)

57-La-139

MAT 5728

1.963 MeV (n,n') Level
Cross Section

57-La-139
-0.289 To 0.061 %



31

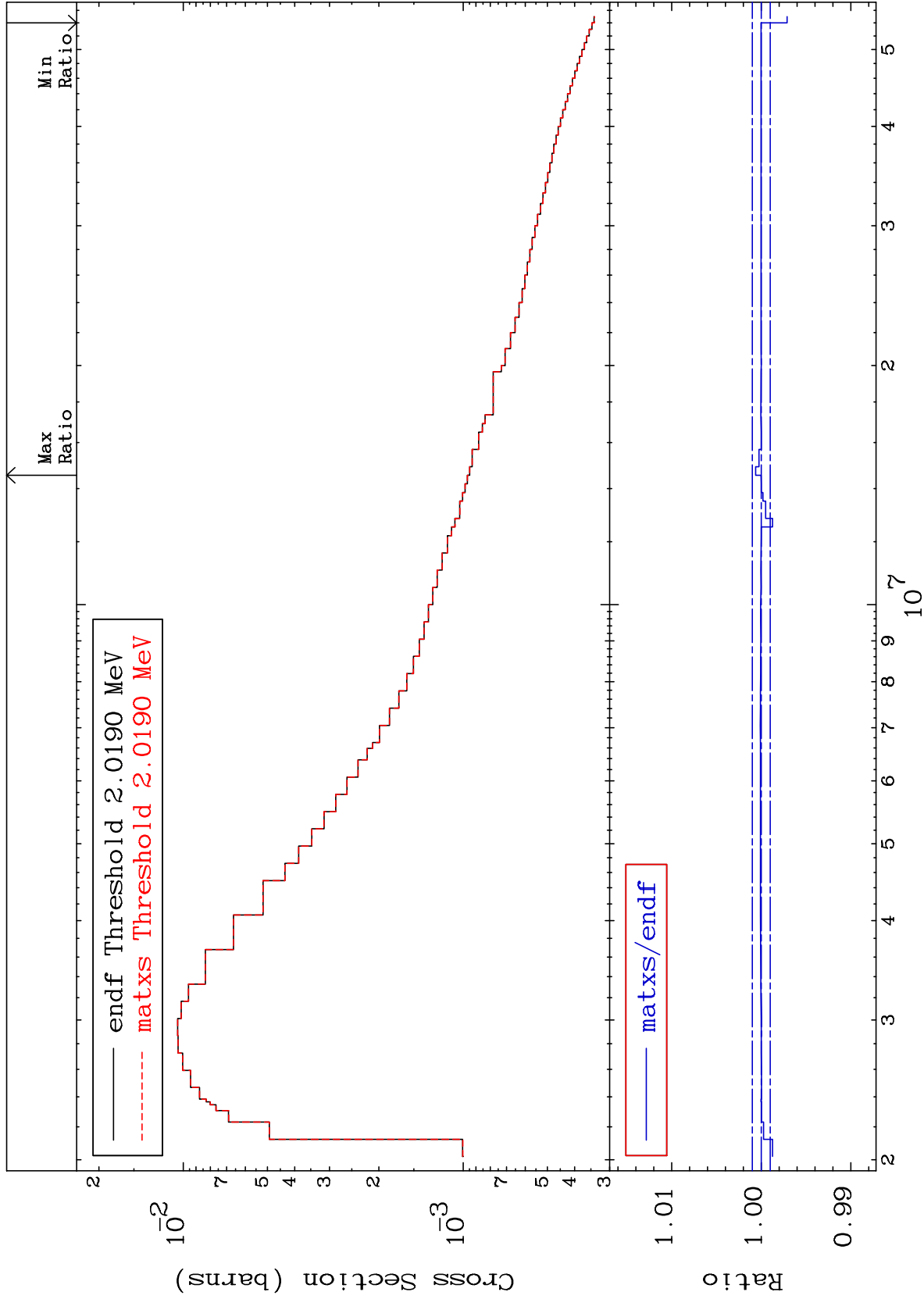
Incident Energy (eV)

57-La-139

MAT 5728

2.035 MeV (n,n') Level
Cross Section

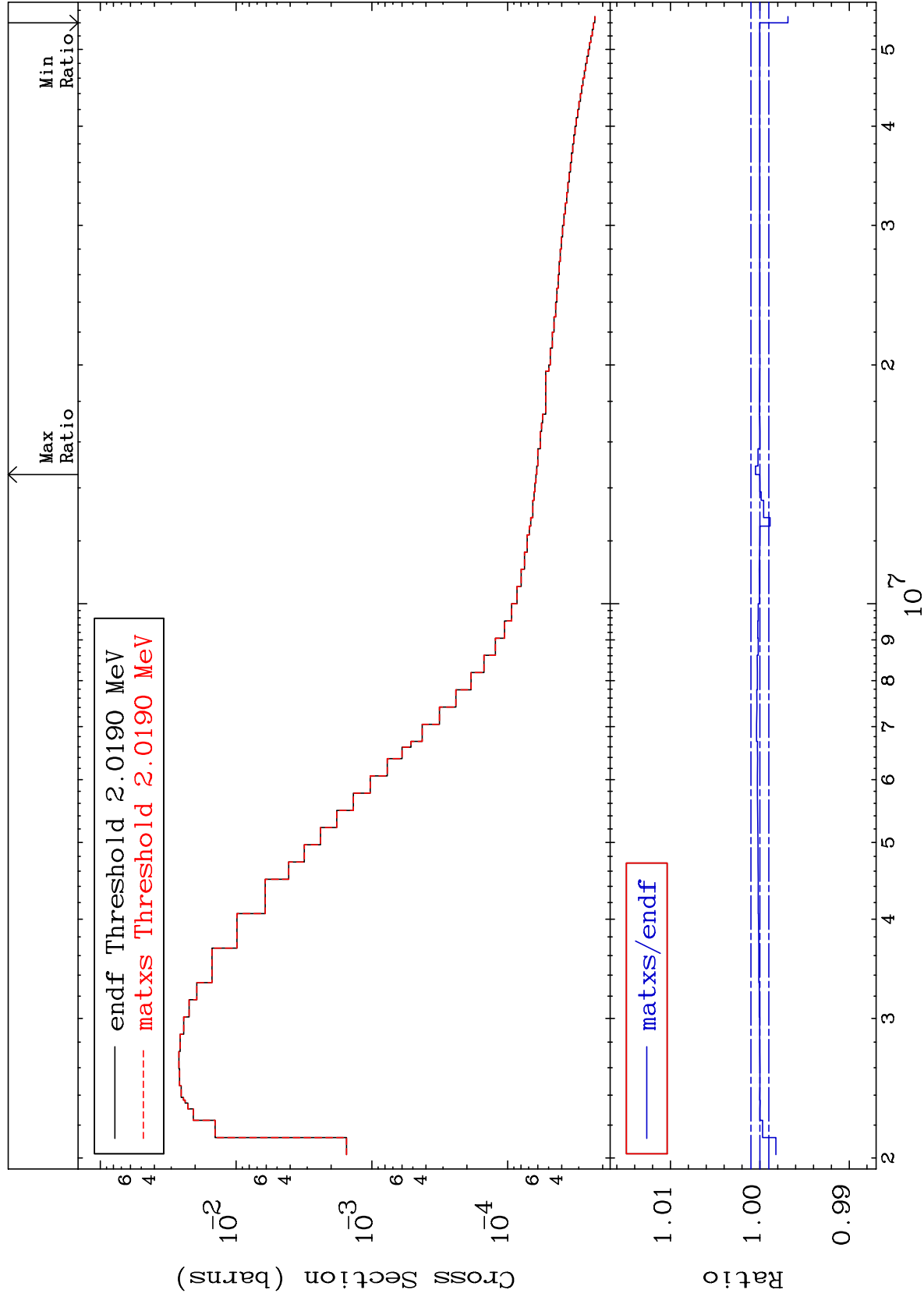
57-La-139
-0.289 To 0.061 %



MAT 5728

2.061 MeV (n,n') Level
Cross Section

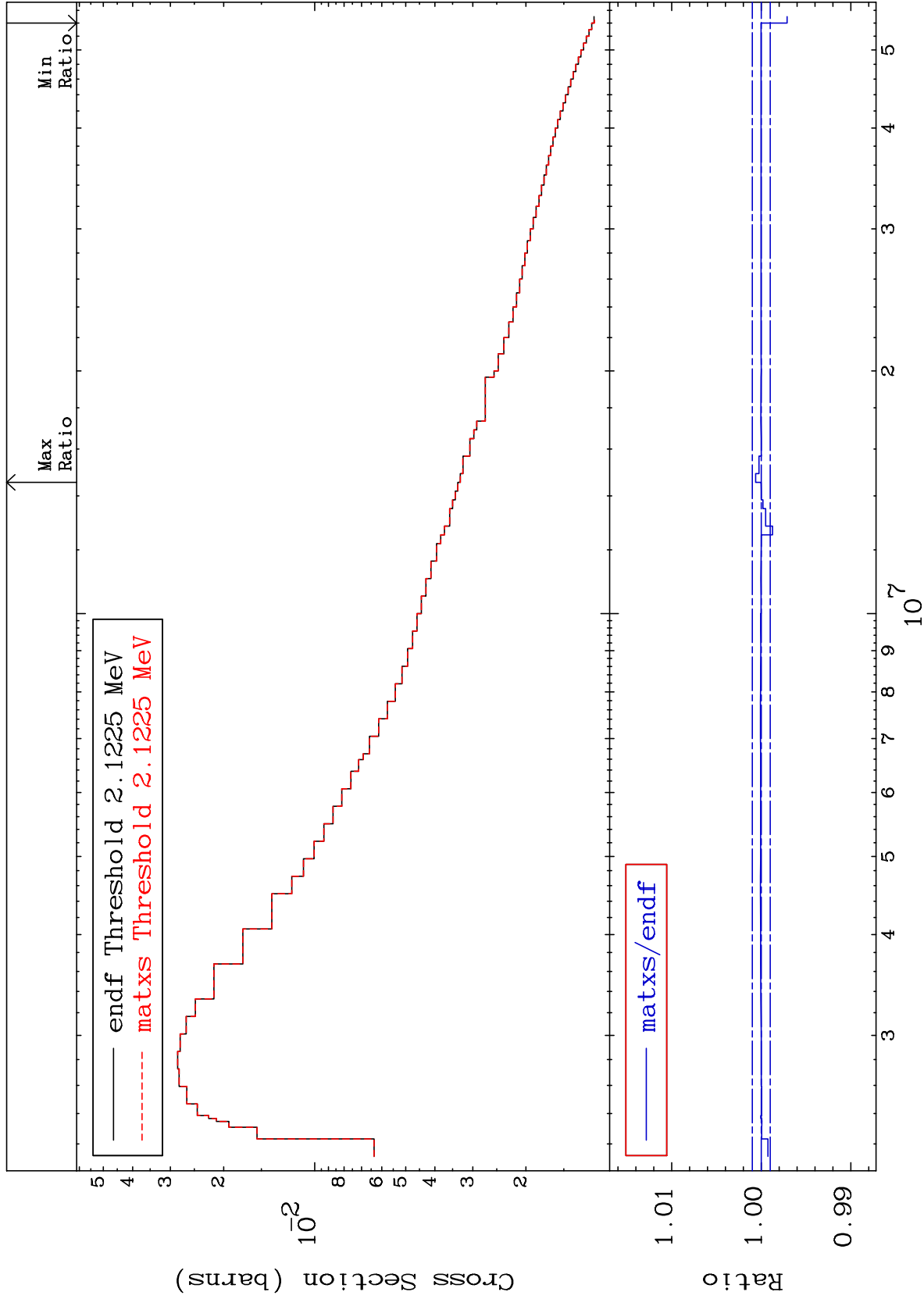
57-La-139
-0.314 To 0.049 %



MAT 5728

2.126 MeV (n,n') Level
Cross Section

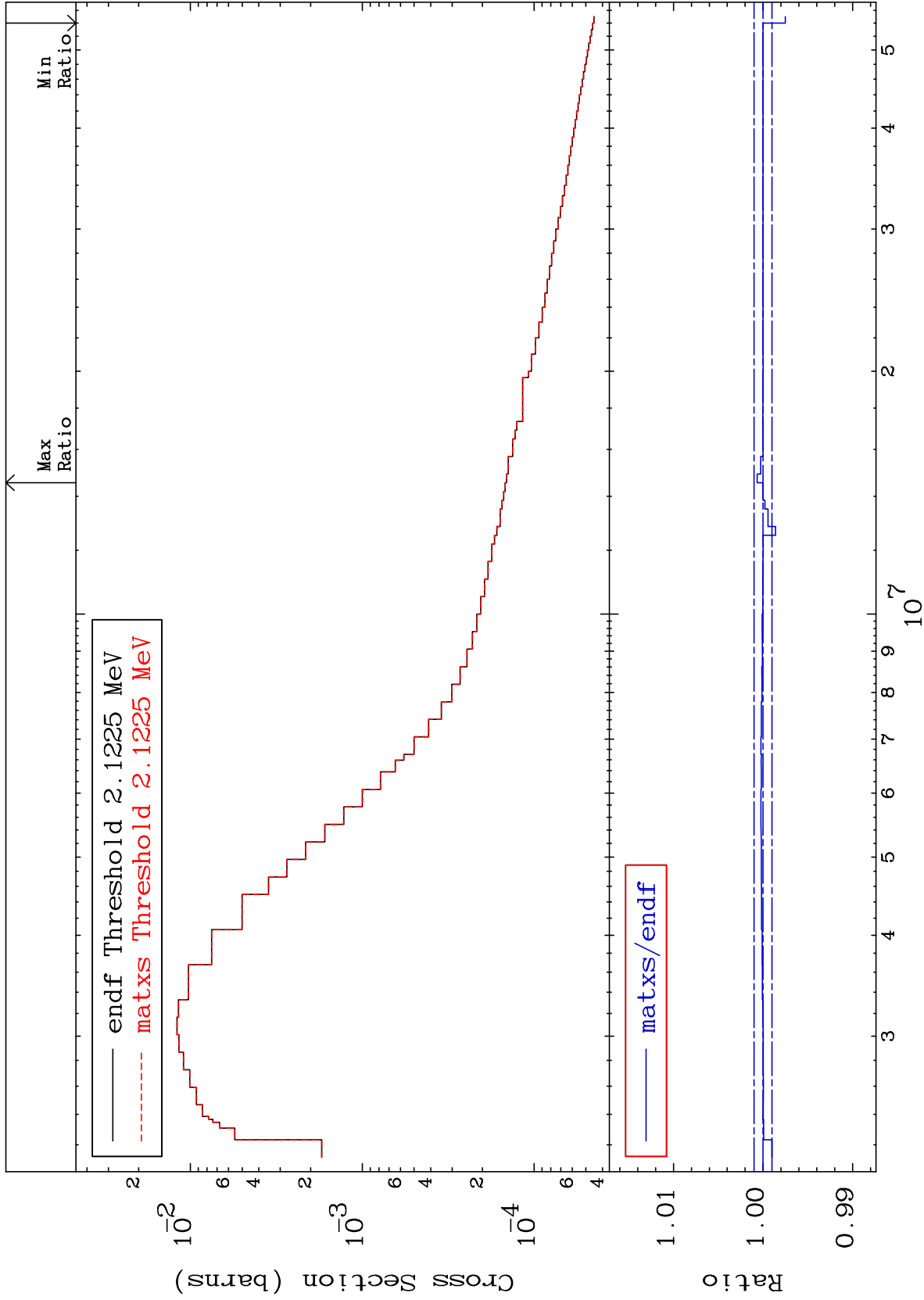
57-La-139
-0.289 To 0.061 %



MAT 5728

2.158 MeV (n,n') Level
Cross Section

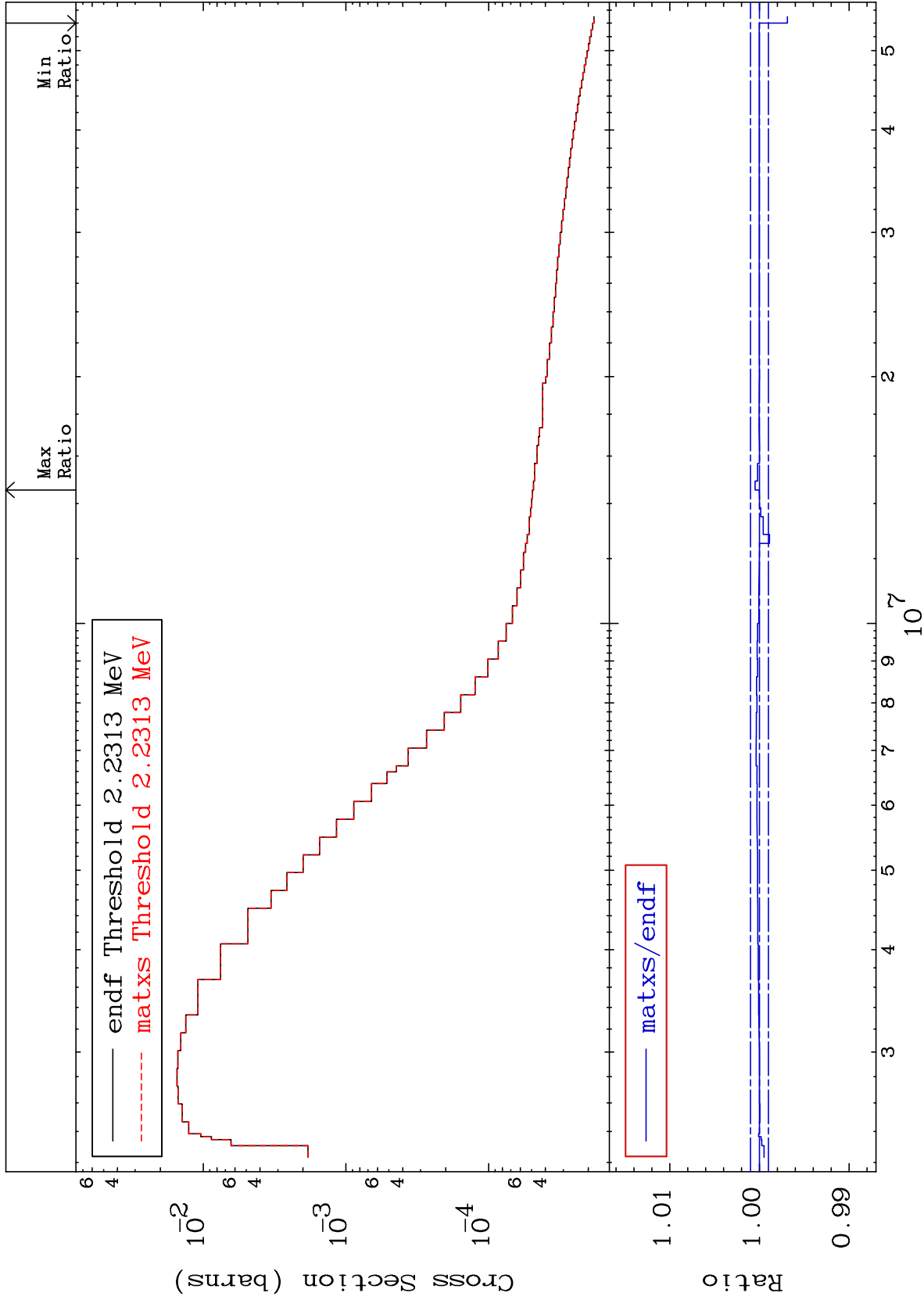
57-La-139
-0.248 To 0.066 %



MAT 5728

2.232 MeV (n,n') Level
Cross Section

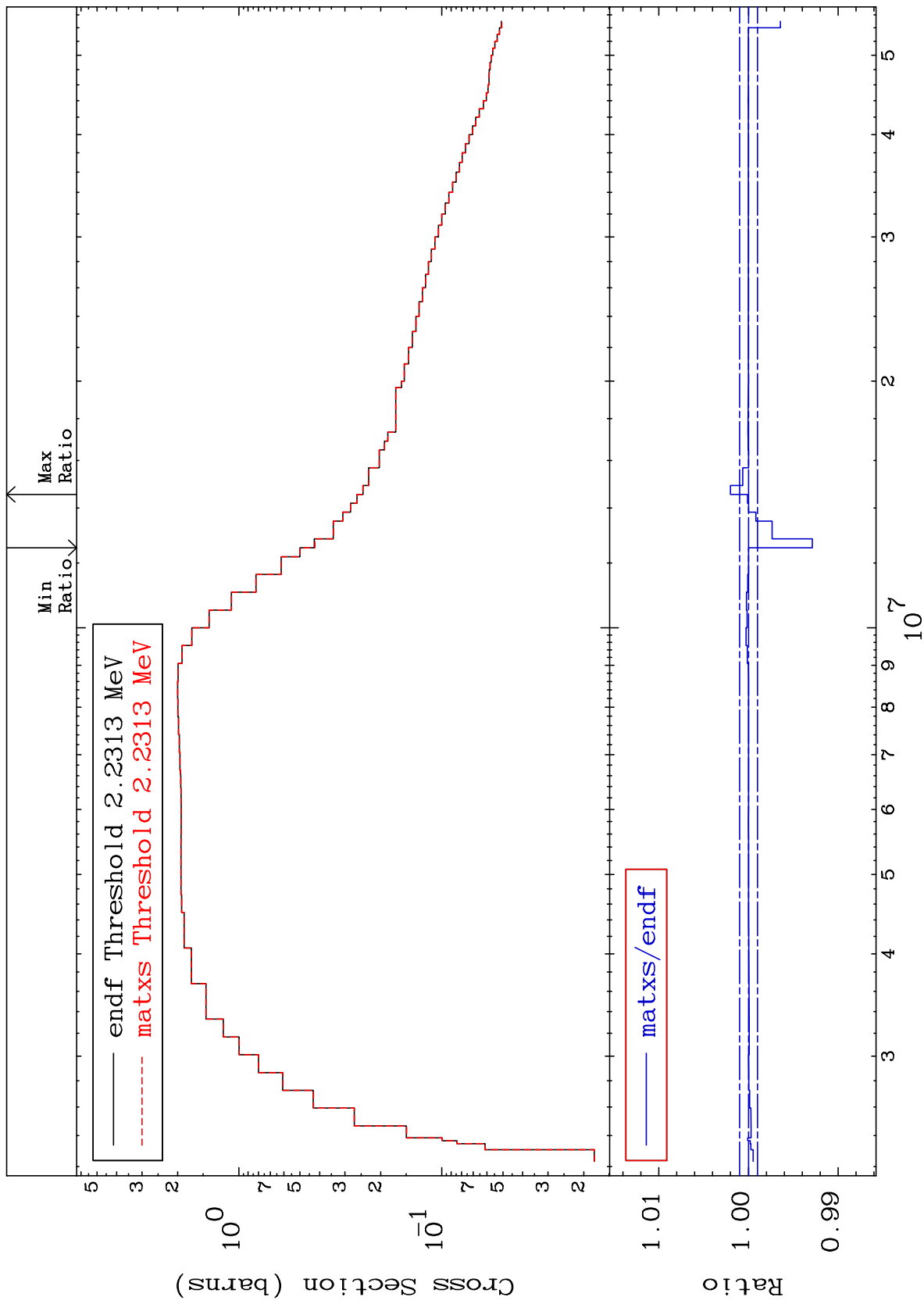
57-La-139
-0.314 To 0.048 %



MAT 5728

(n,n') Continuum
Cross Section

57-La-139
-0.712 To 0.201 %



37

Incident Energy (eV)

57-La-139

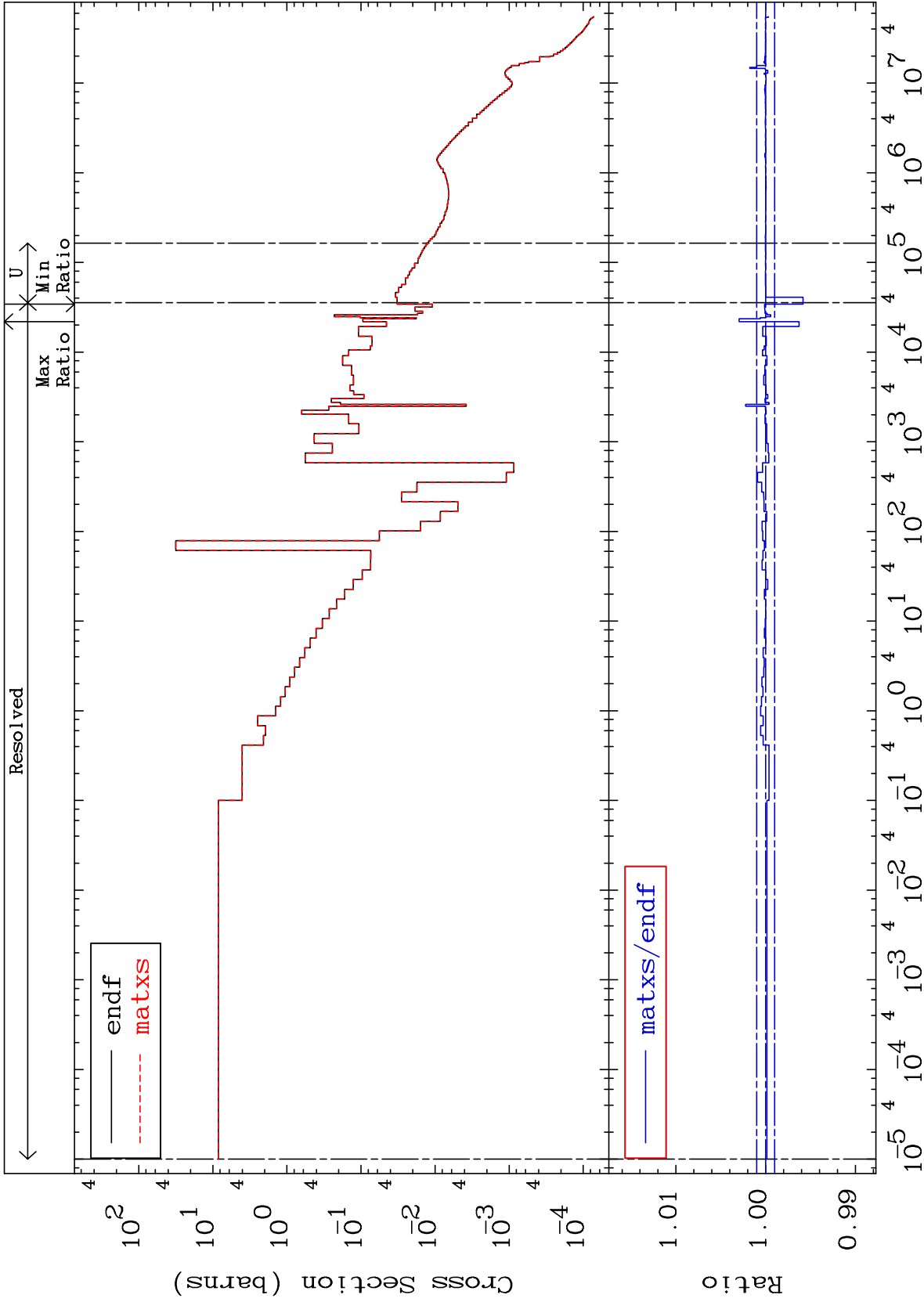
MAT 5728

(n, γ)

57-La-139

Cross Section

-0.416 To 0.296 %



38

Incident Energy (eV)

57-La-139

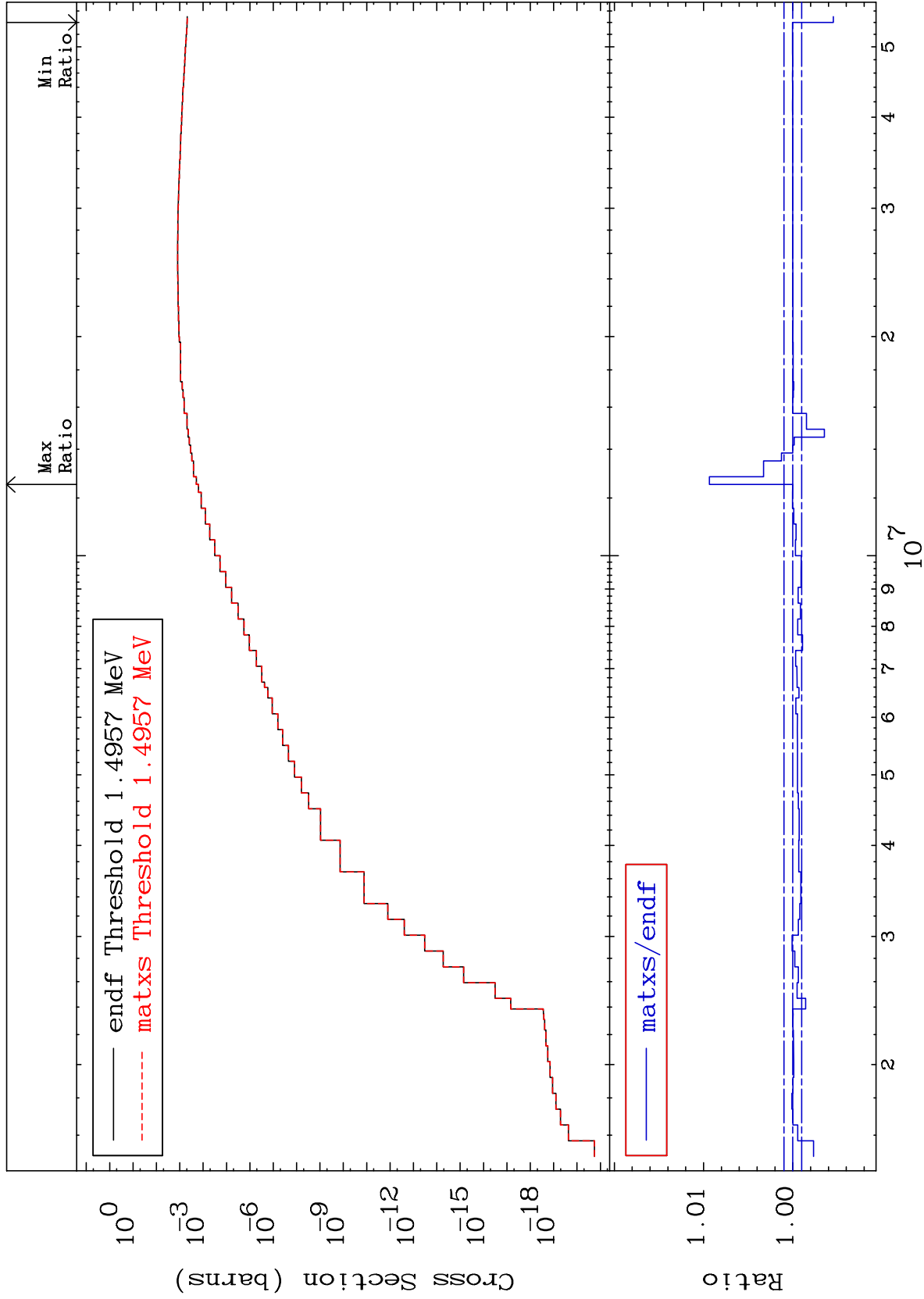
MAT 5728

(n,p)

57-La-139

Cross Section

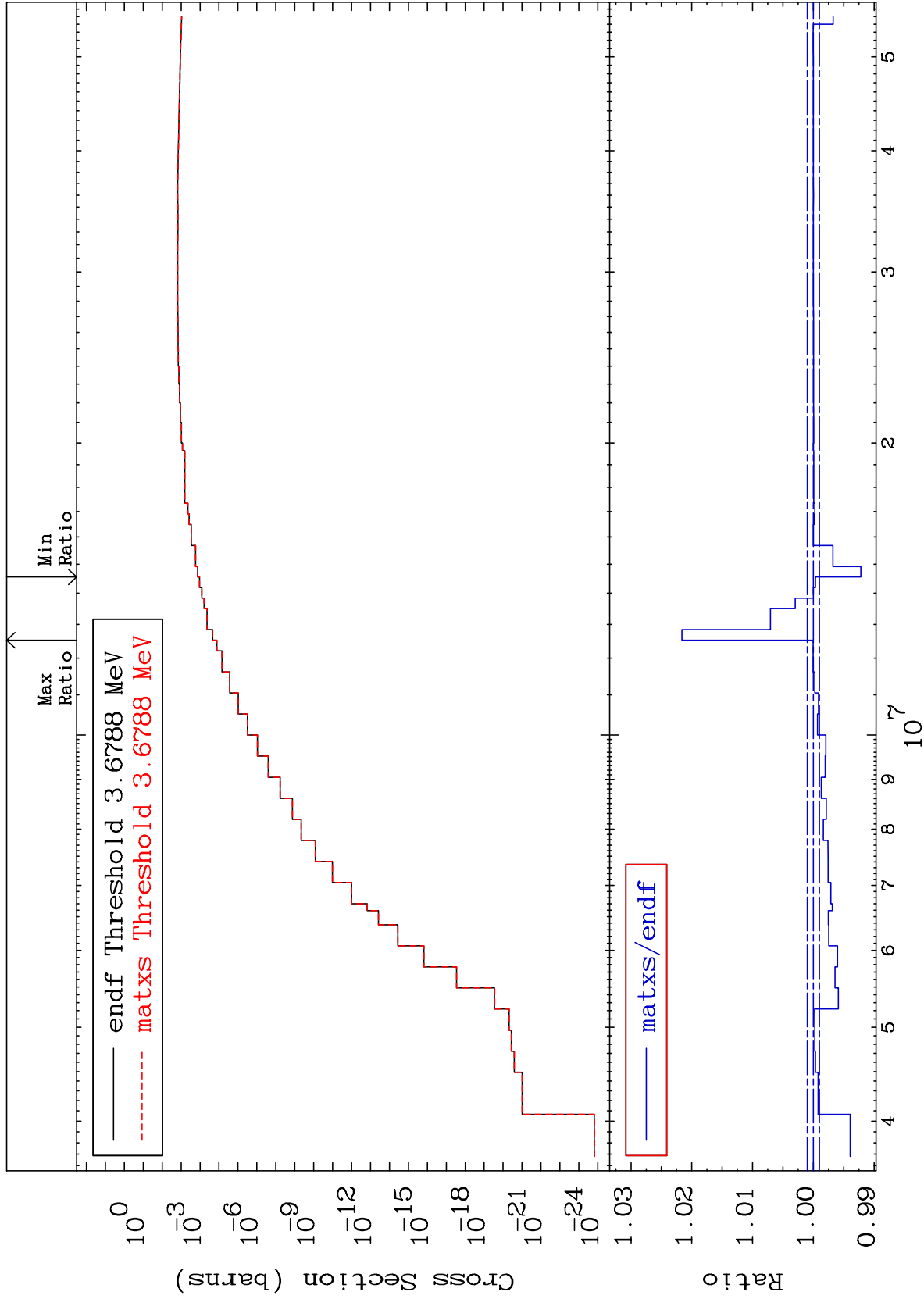
-0.454 To 0.934 %



MAT 5728

57-La-139
-0.780 To 2.162 %

(n, d)
Cross Section



40

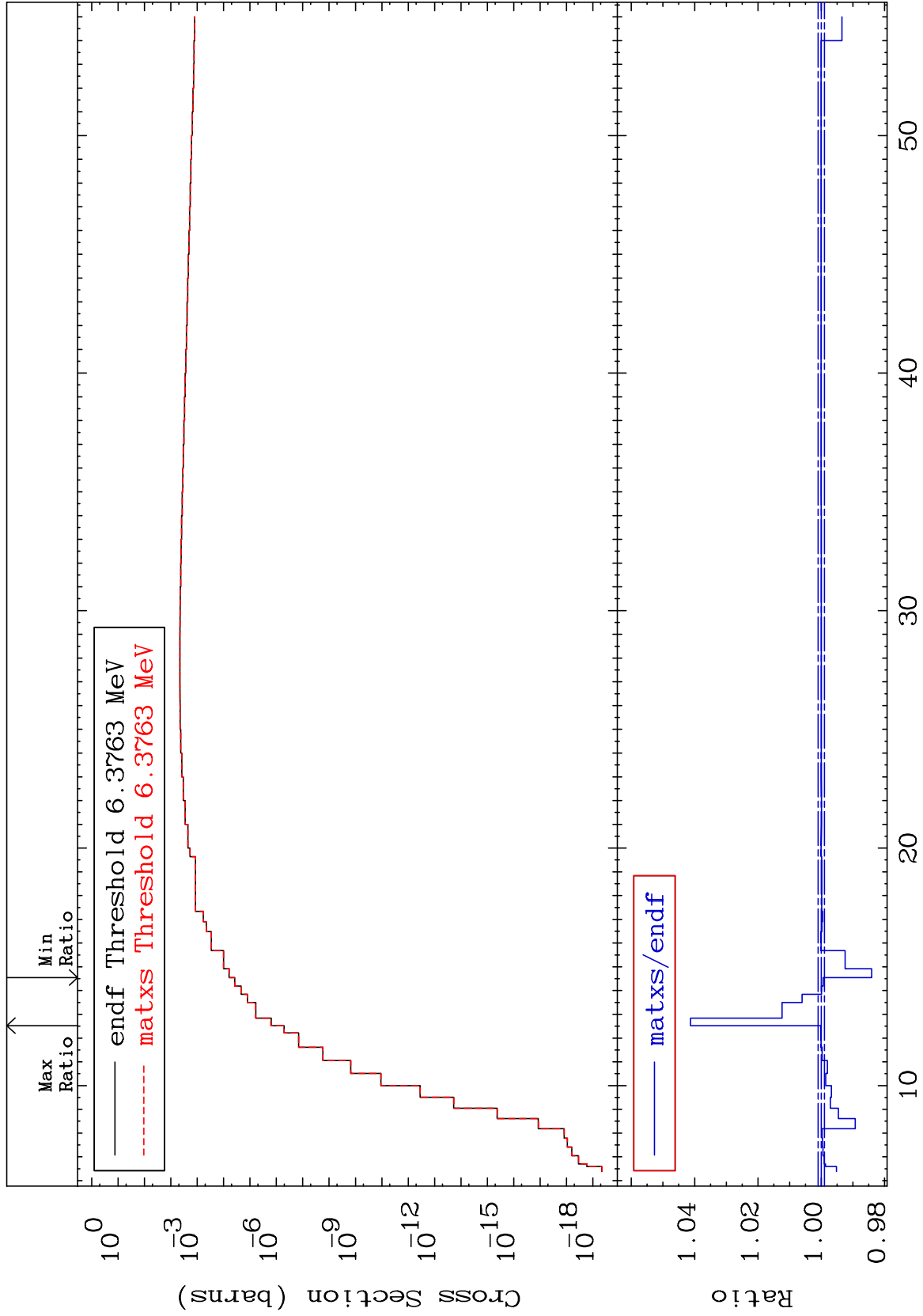
Incident Energy (eV)

57-La-139

MAT 5728

(n, t)
Cross Section

57-La-139
-1.594 To 4.129 %



MAT 5728

(n, α)

57-La-139

Cross Section

-0.449 To 0.987 %

