

Program Complot
(Version 2015-2)

by

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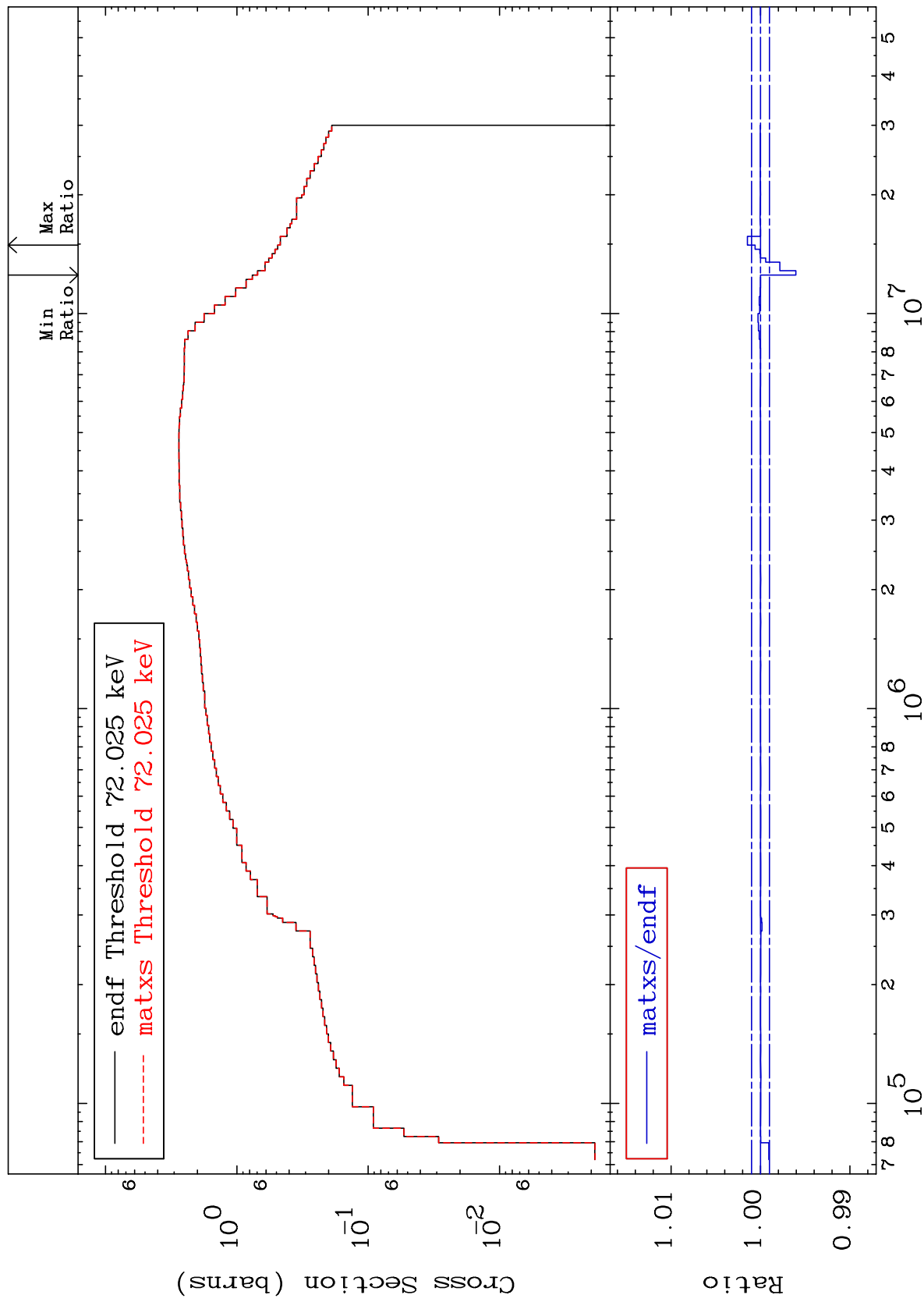
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Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7925

Inelastic
Cross Section

⁷⁹Au-197
-0.395 To 0.146 %



1

Incident Energy (eV)

⁷⁹Au-197

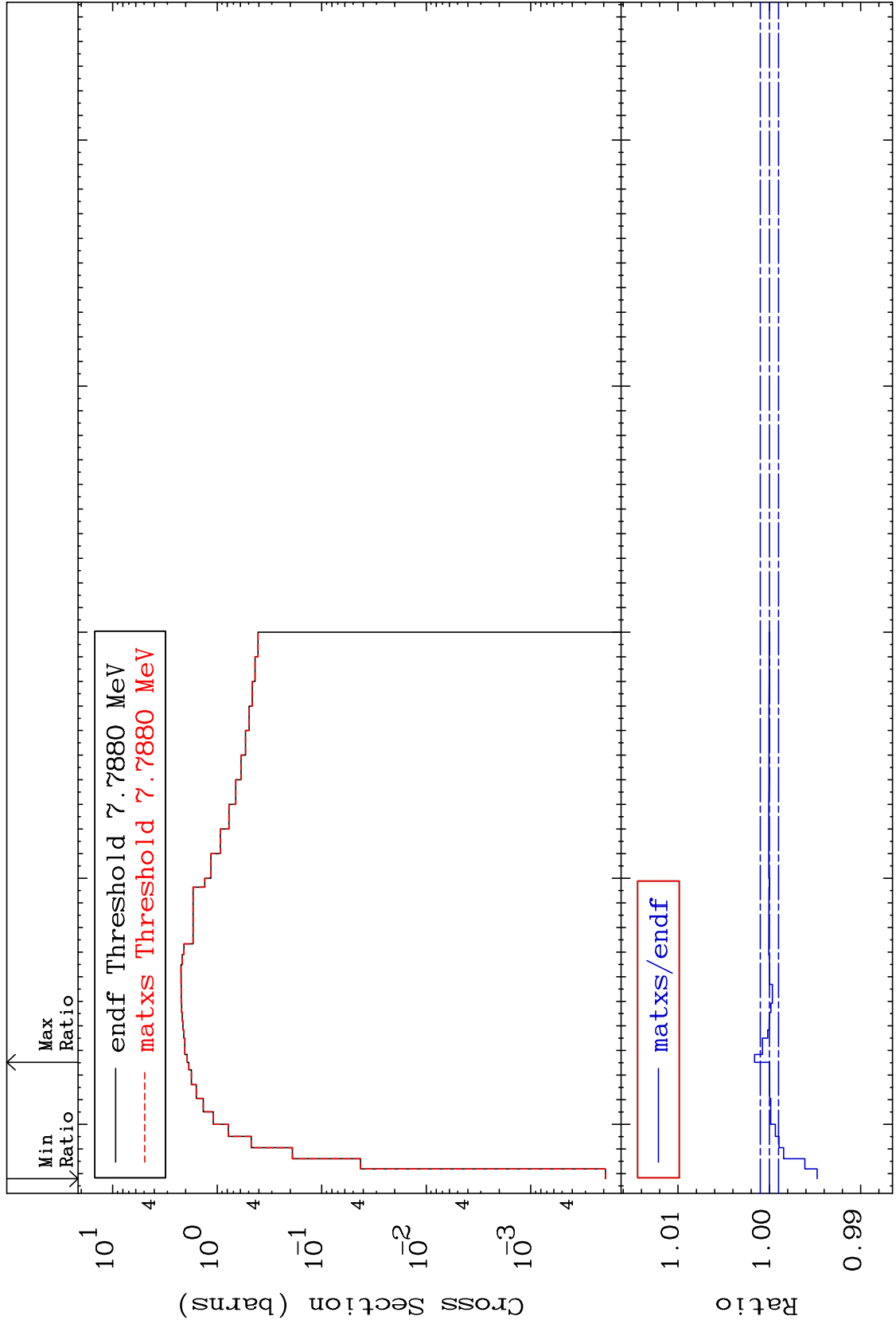
MAT 7925

(n,2n)

⁷⁹Au-197

Cross Section

-0.524 To 0.161 %



2

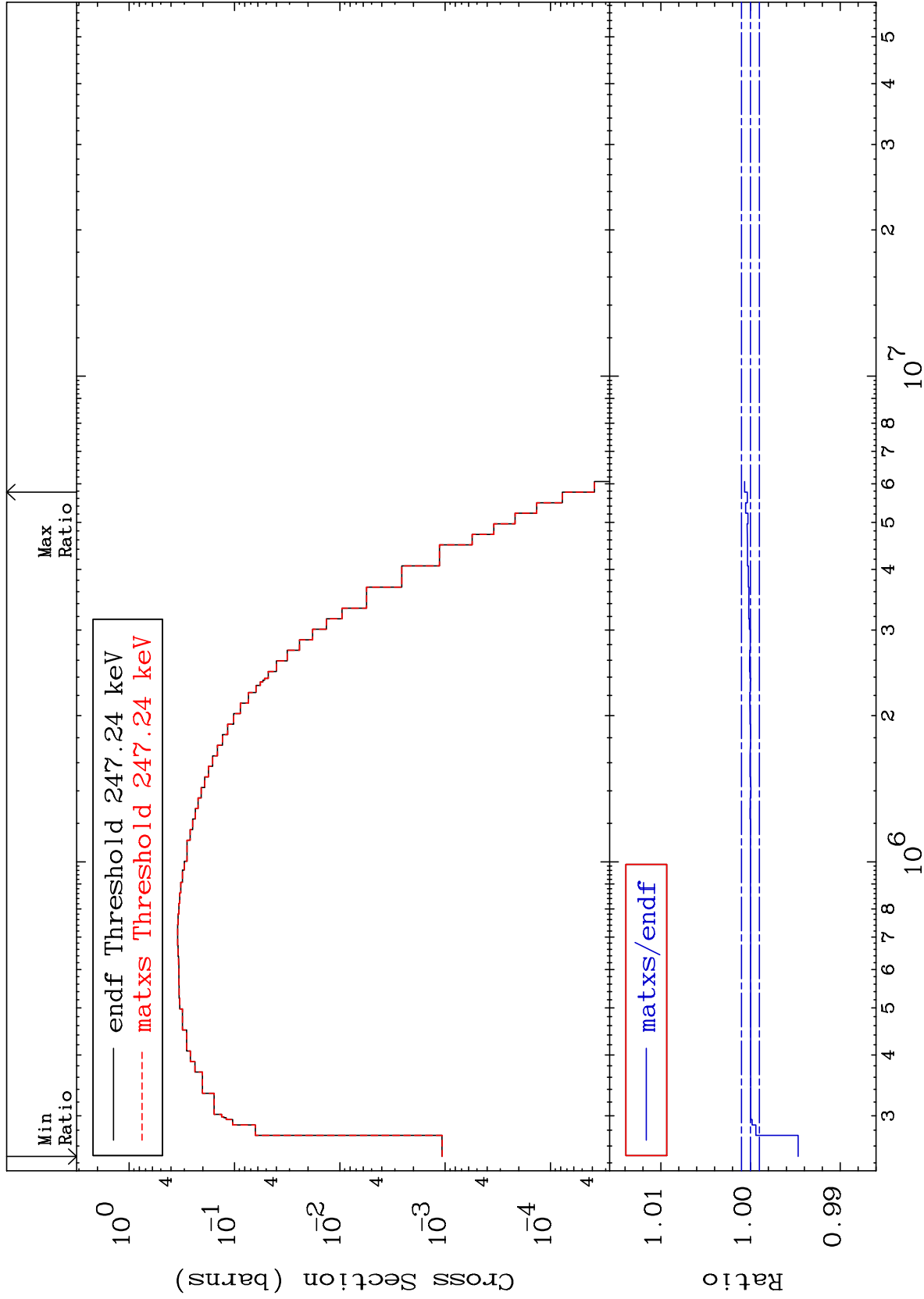
Incident Energy (MeV)

⁷⁹Au-197

MAT 7925

269.0 keV (n,n') Level
Cross Section

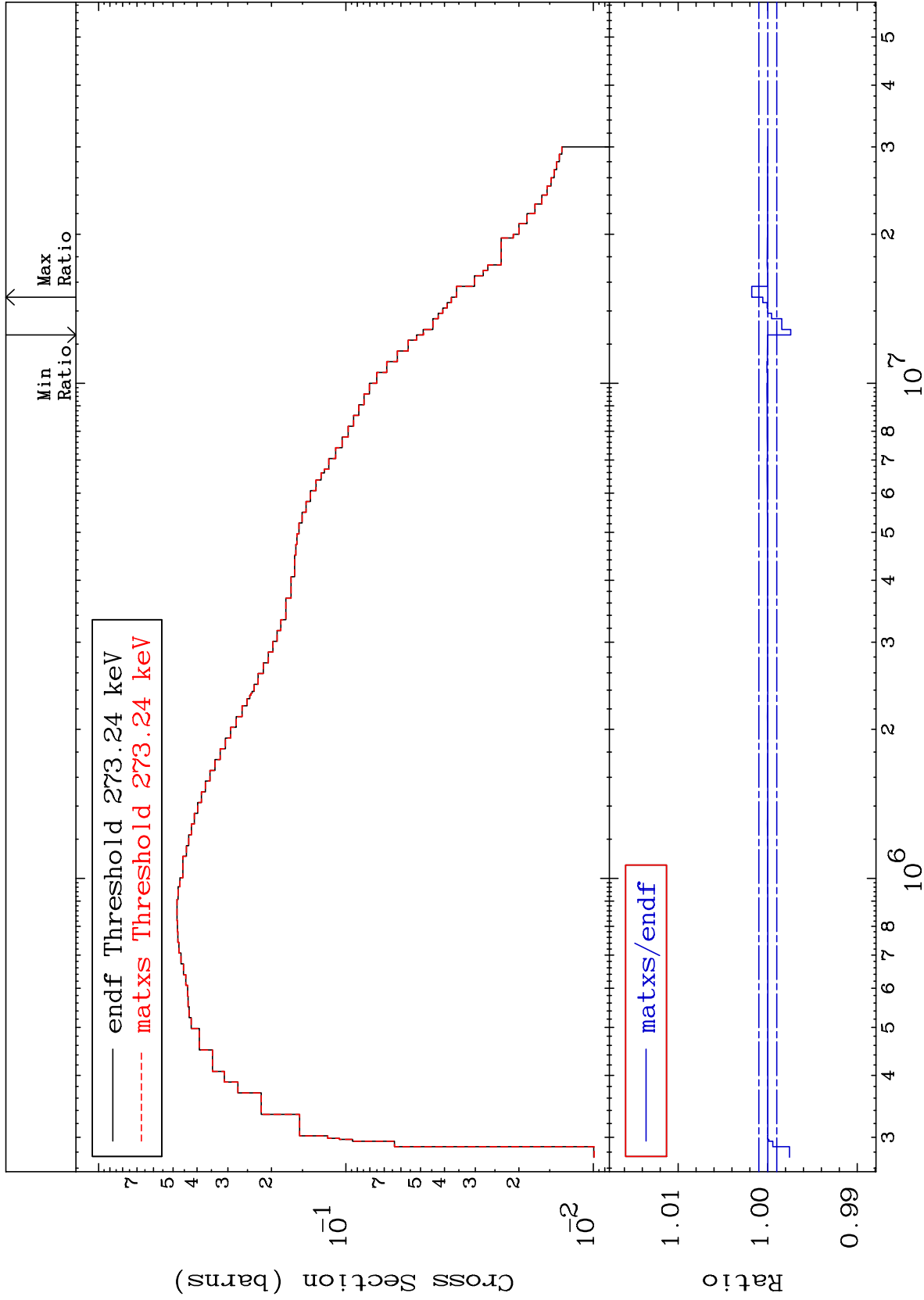
⁷⁹Au-197
-0.531 To 0.066 %



MAT 7925

279.0 keV (n,n') Level
Cross Section

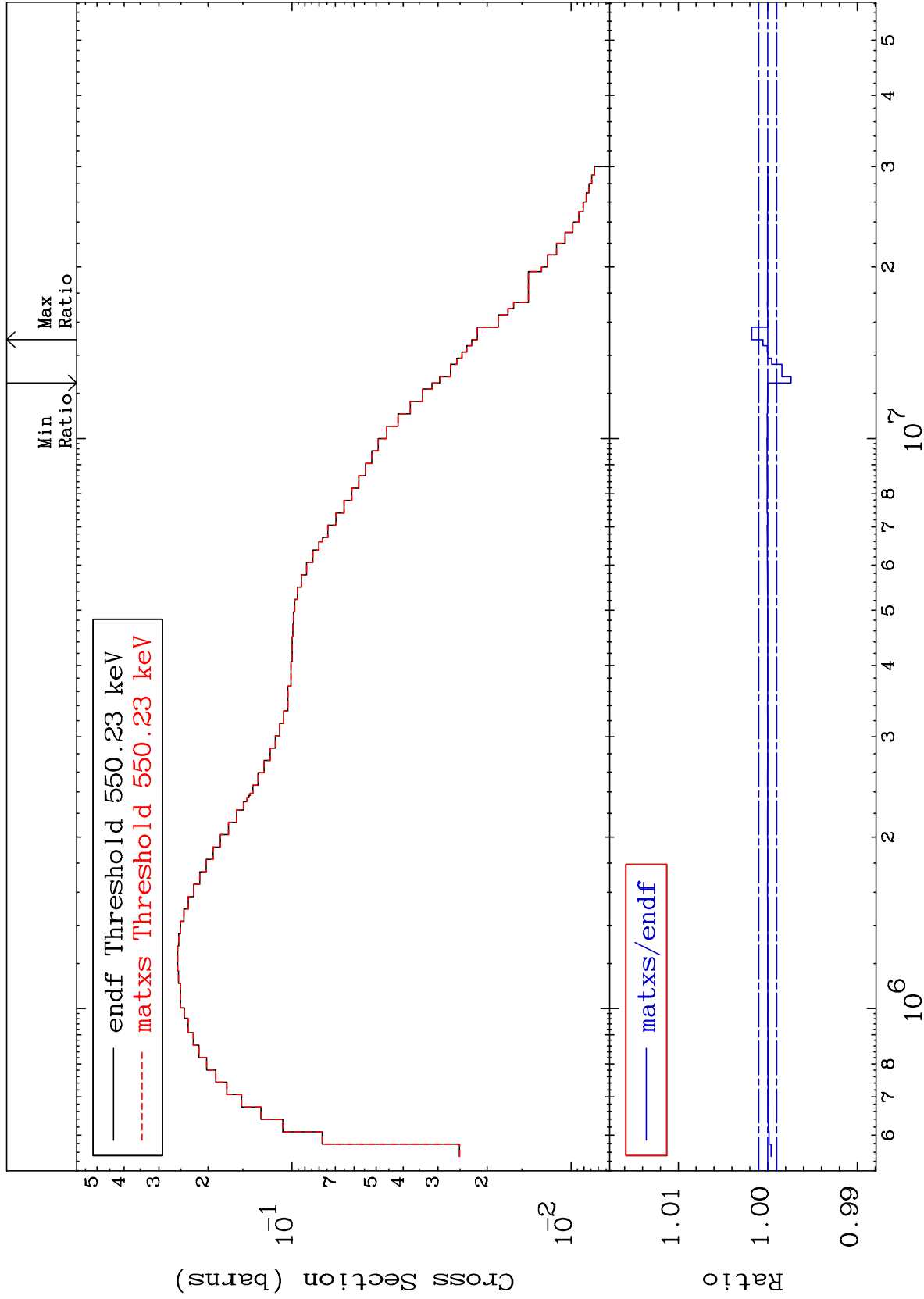
⁷⁹Au-197
-0.257 To 0.178 %



MAT 7925

548.0 keV (n,n') Level
Cross Section

79-Au-197
-0.261 To 0.179 %



5

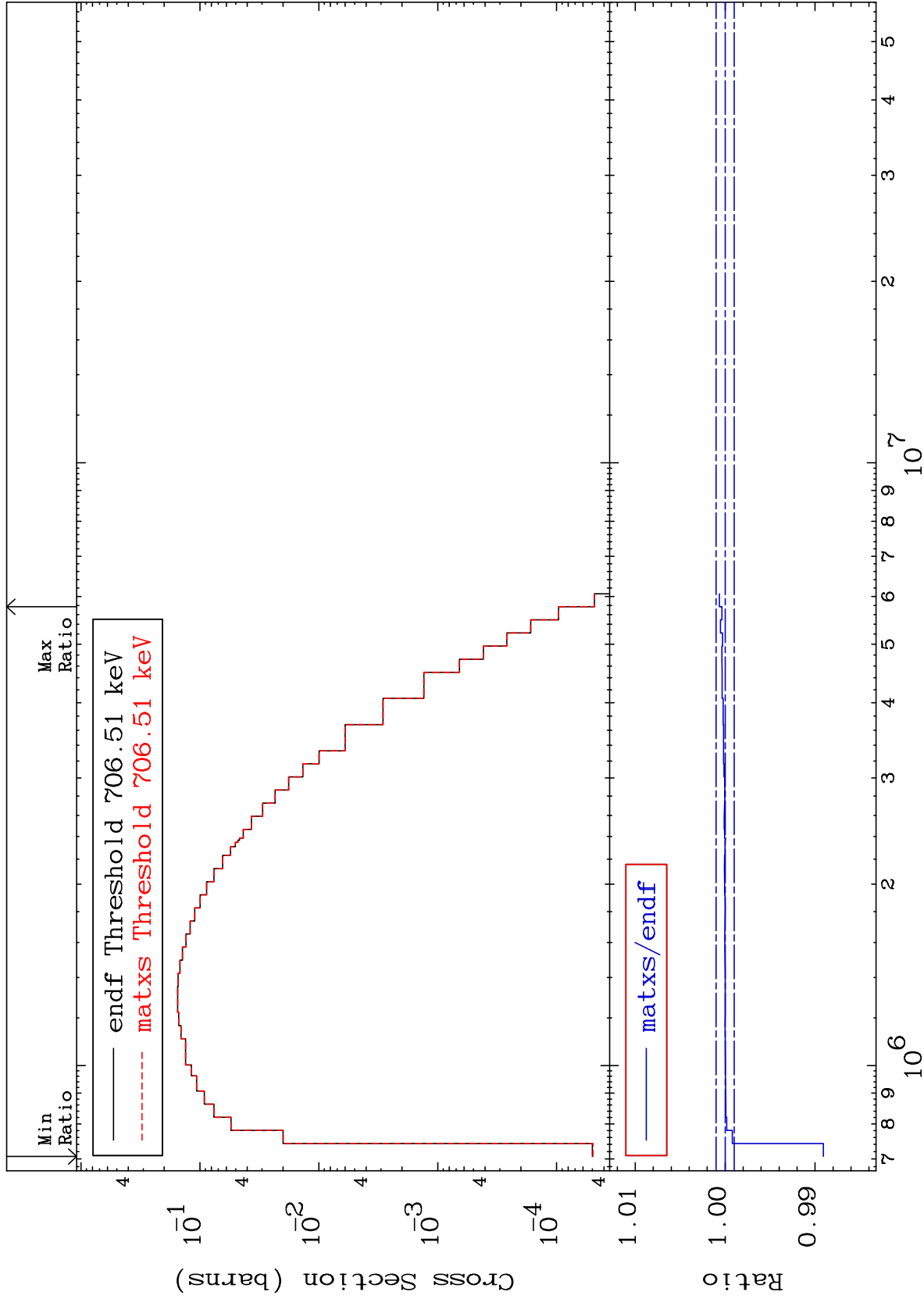
Incident Energy (eV)

79-Au-197

MAT 7925

737.0 keV (n,n') Level
Cross Section

79-Au-197
-1.093 To 0.064 %



6

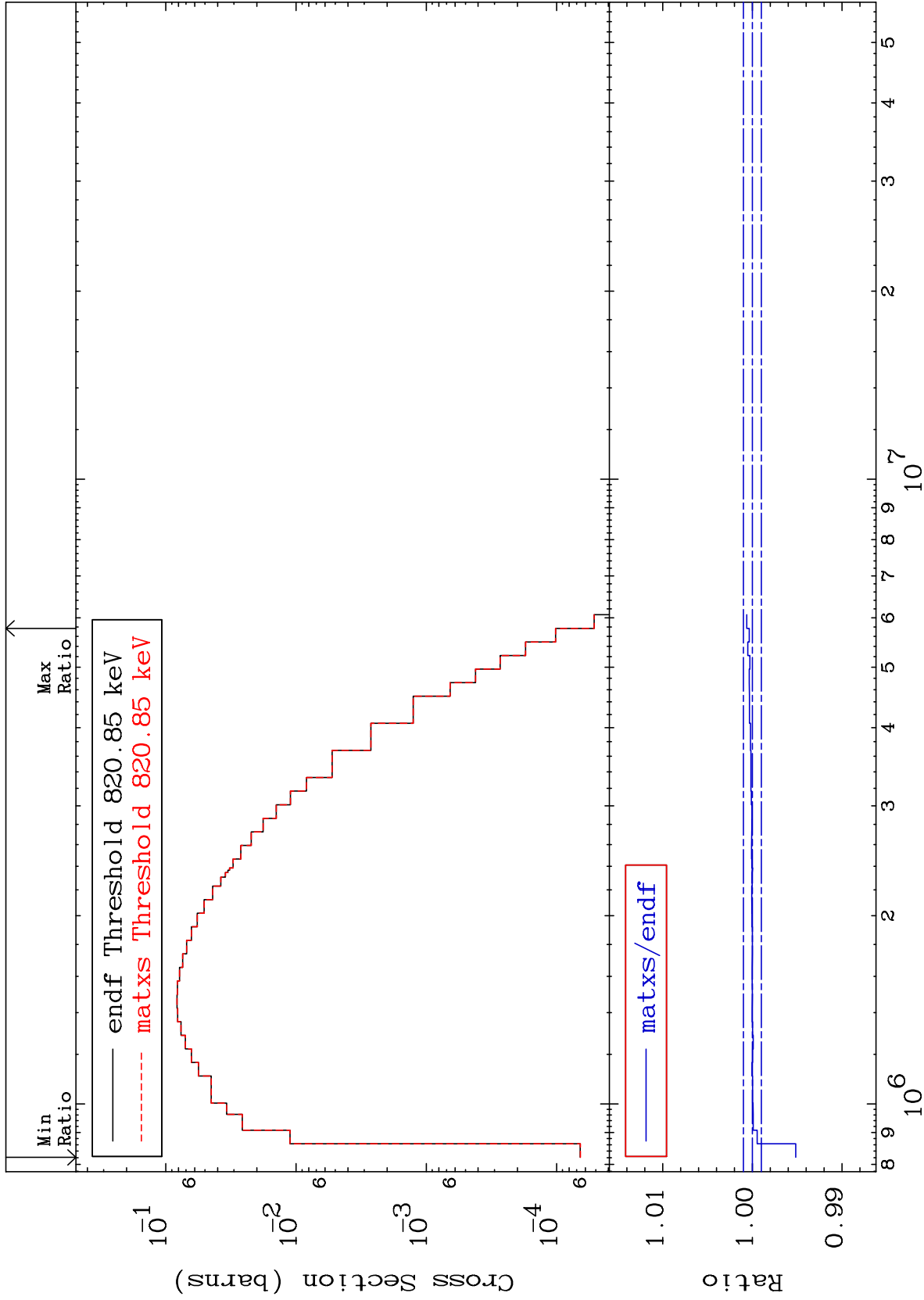
Incident Energy (eV)

79-Au-197

MAT 7925

855.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-0.484 To 0.062 %



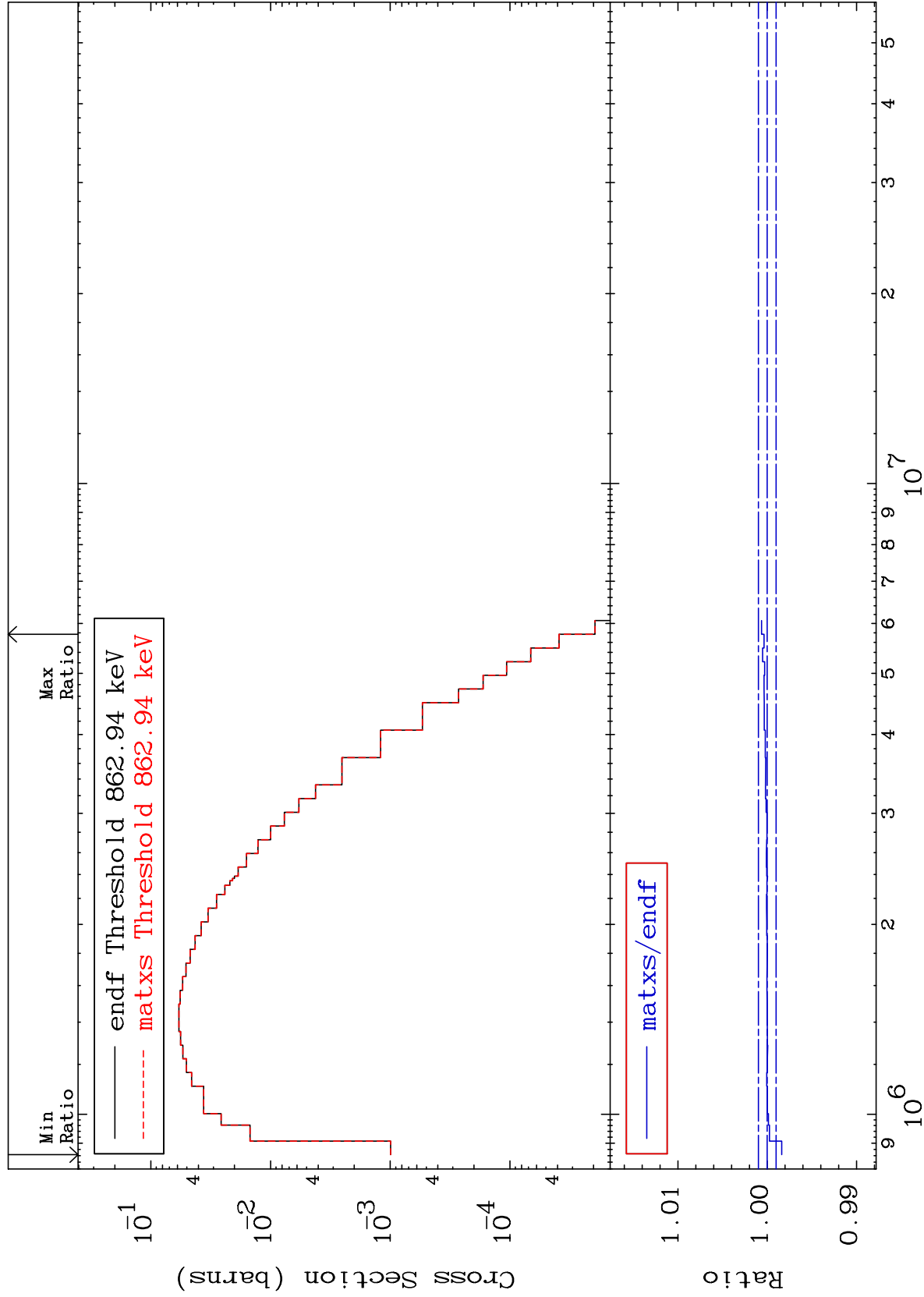
⁷⁹Au-197

Incident Energy (eV)

MAT 7925

888.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-0.162 To 0.064 %



8

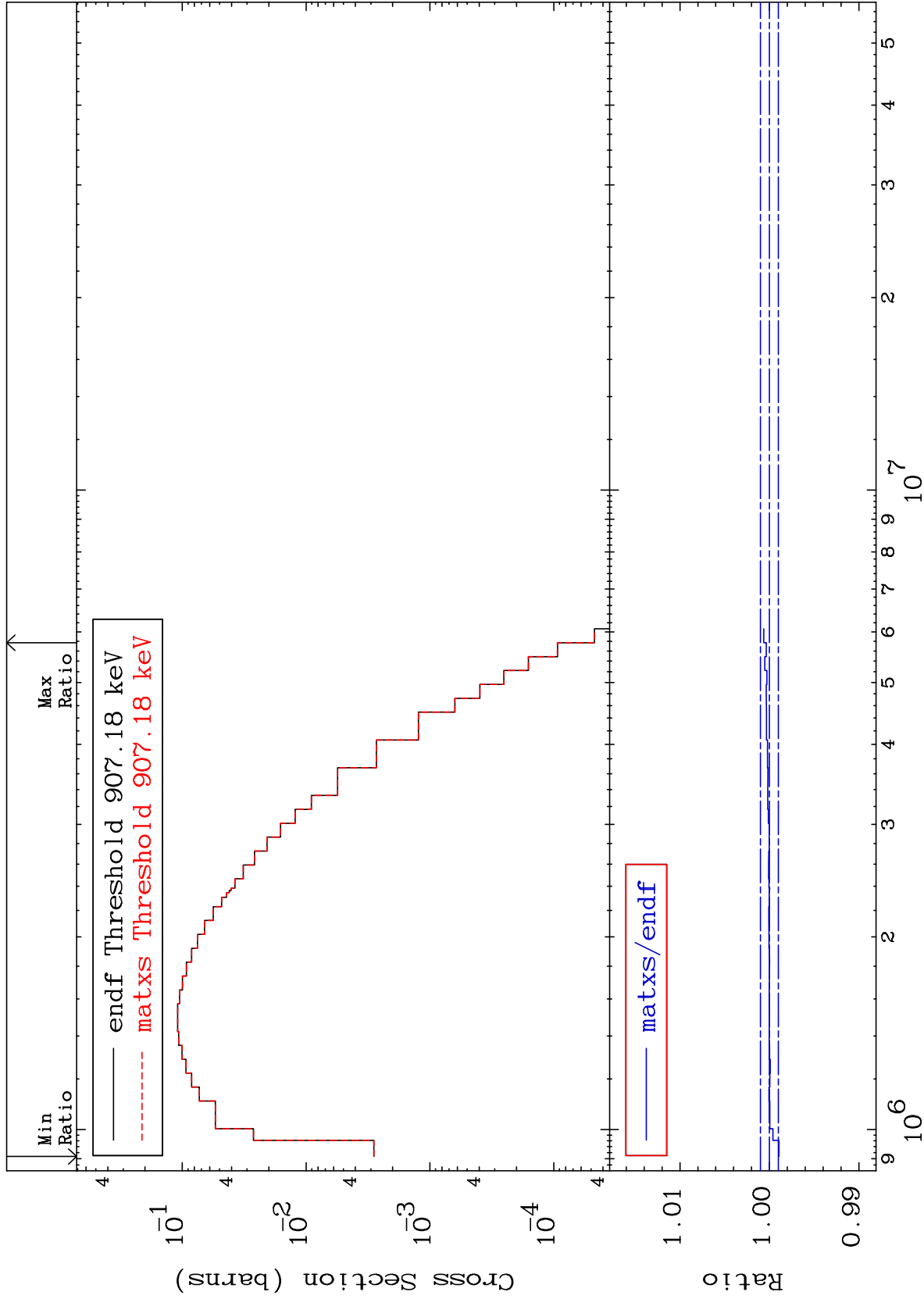
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

936.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-0.107 To 0.063 %



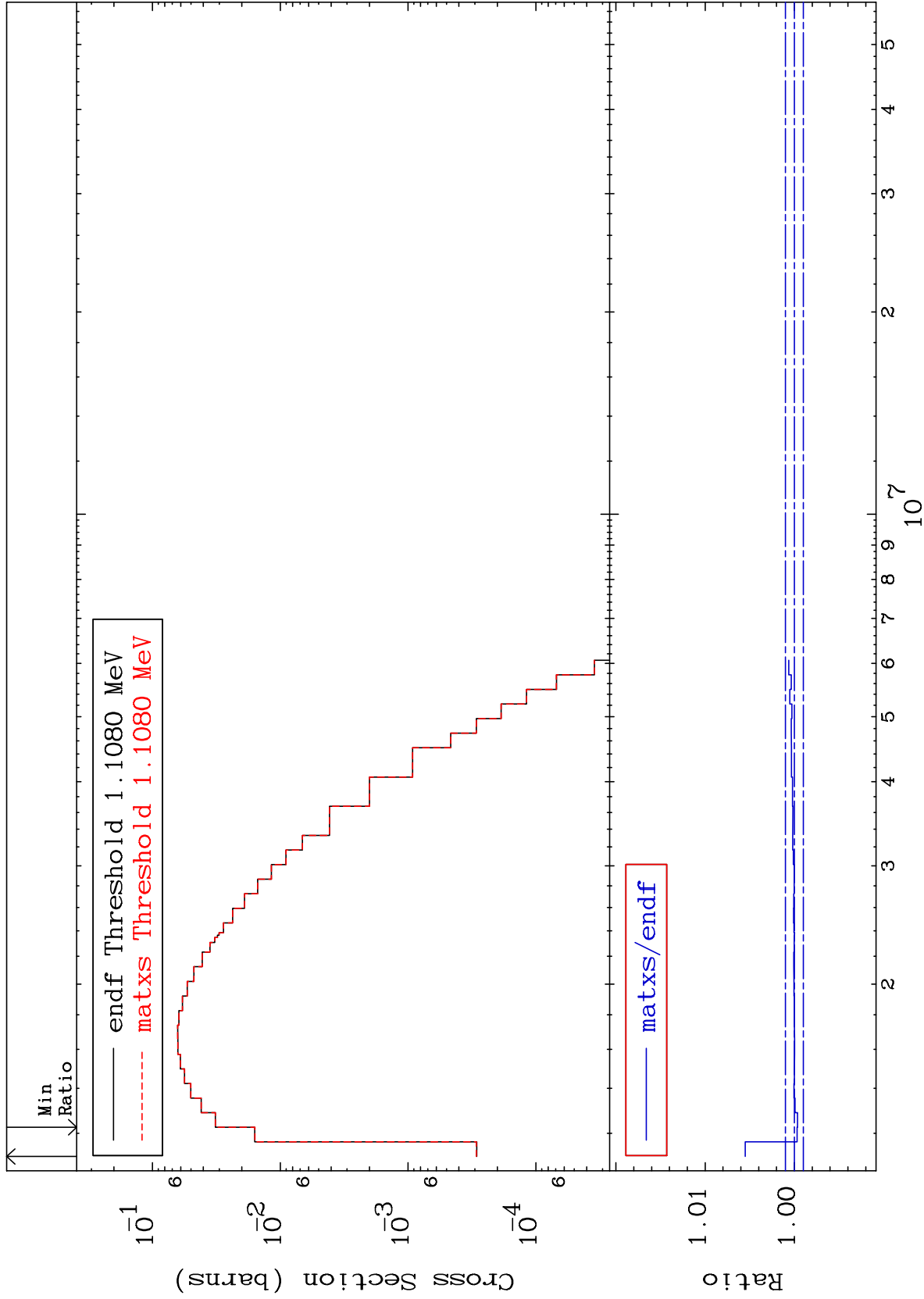
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

1.150 MeV (n,n') Level
Cross Section

79-Au-197
-0.035 To 0.550 %



10

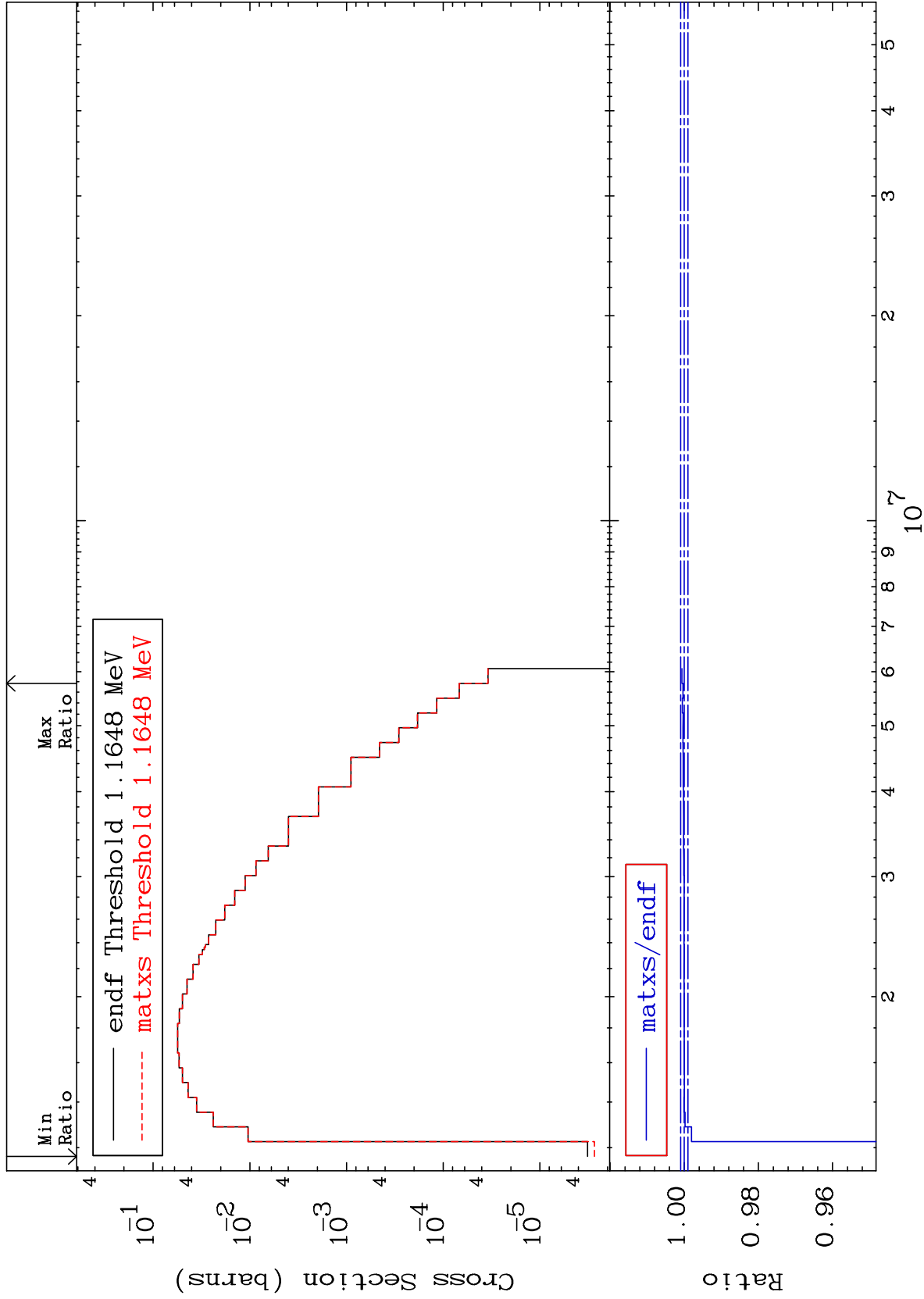
Incident Energy (eV)

79-Au-197

MAT 7925

1.217 MeV (n,n') Level
Cross Section

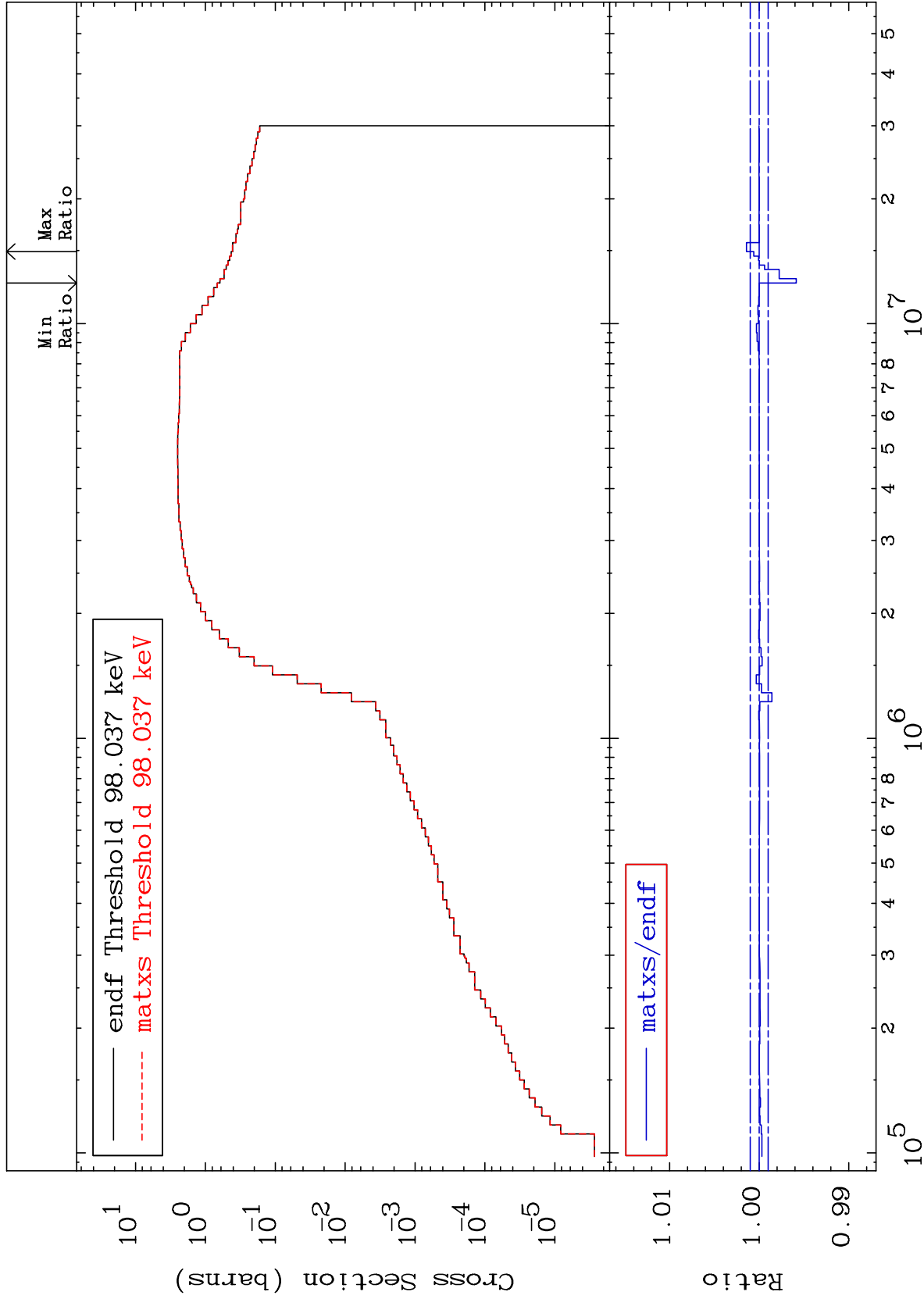
⁷⁹Au-197
-14.81 To 0.063 %



MAT 7925

(n, n') Continuum
Cross Section

⁷⁹Au-197
-0.413 To 0.142 %



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Incident Energy (eV)

⁷⁹Au-197

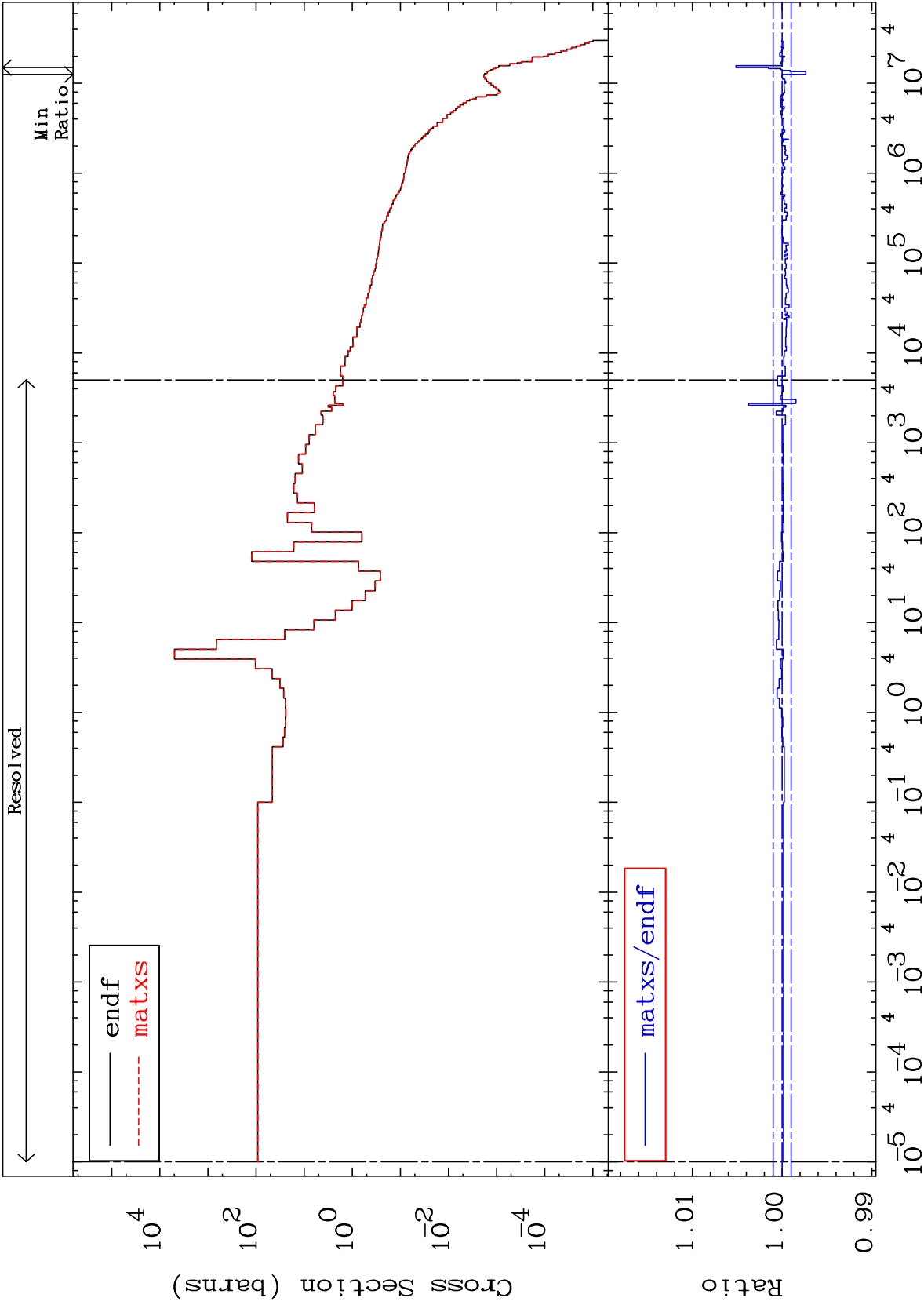
MAT 7925

(n, γ)

⁷⁹Au-197

Cross Section

-0.262 To 0.517 %



13

Incident Energy (eV)

⁷⁹Au-197

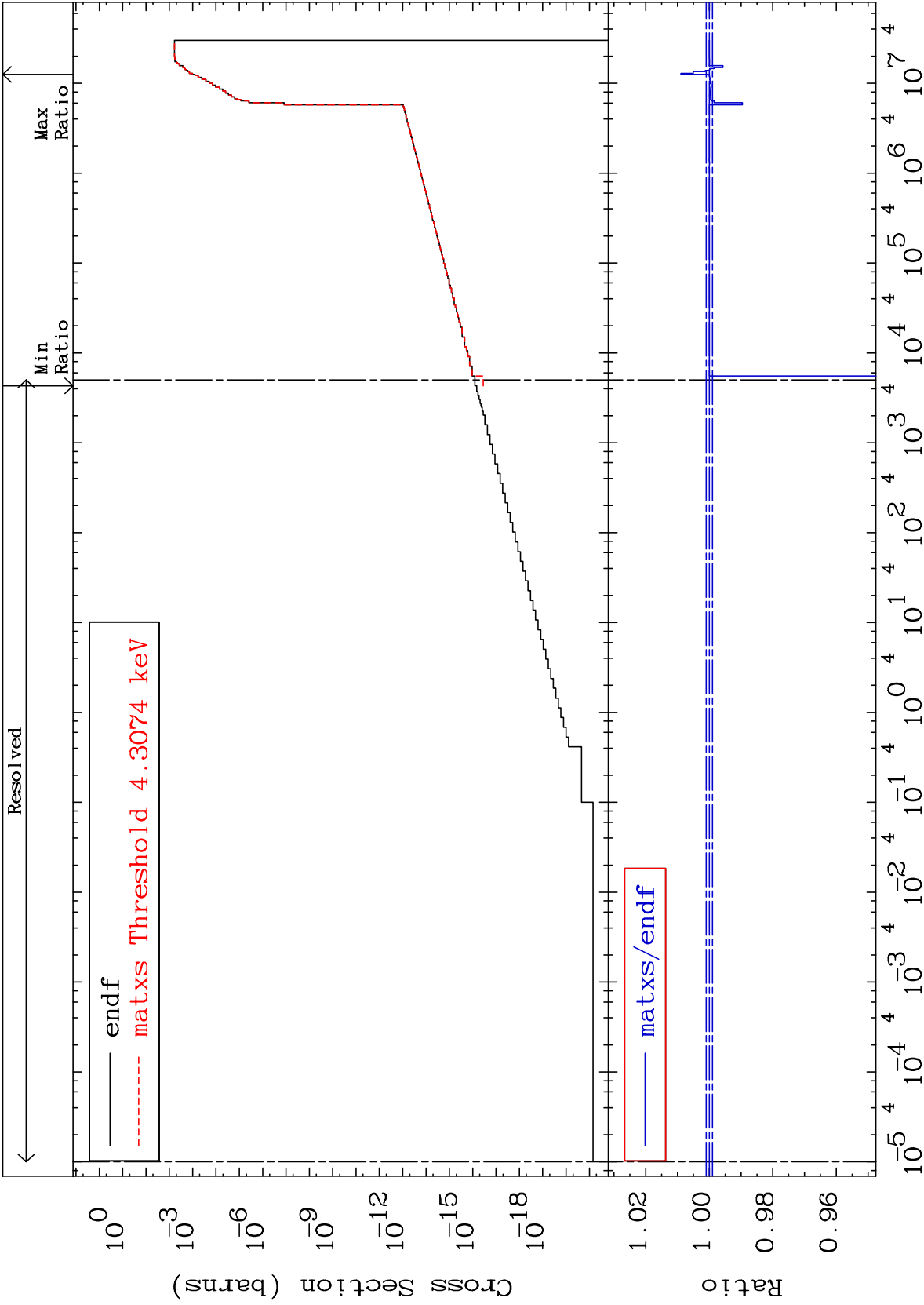
MAT 7925

(n,p)

⁷⁹Au-197

Cross Section

-56.61 To 0.892 %



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⁷⁹Au-197

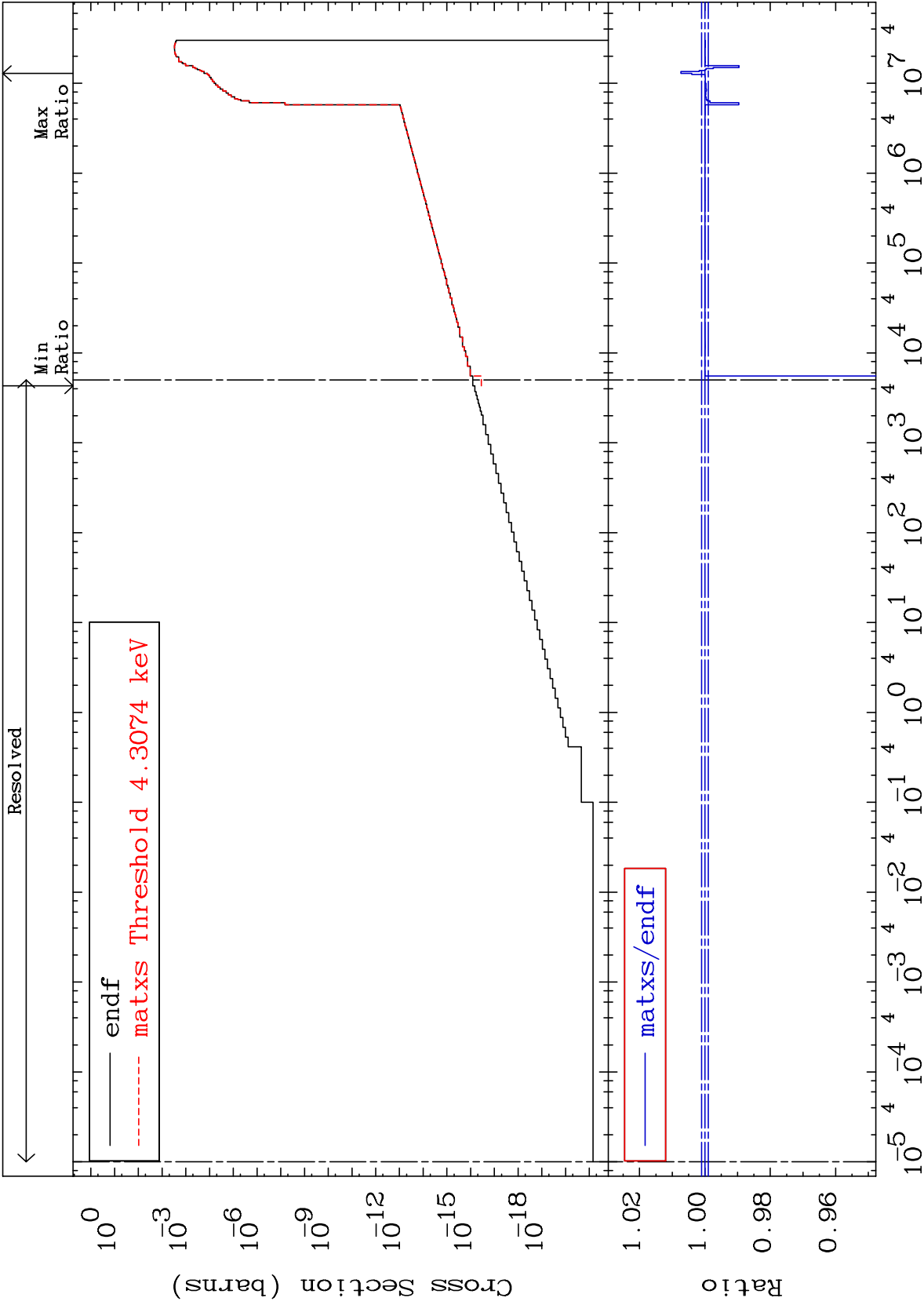
MAT 7925

(n, α)

⁷⁹Au-197

Cross Section

-56.61 To 0.734 %



15

Incident Energy (eV)

⁷⁹Au-197