

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

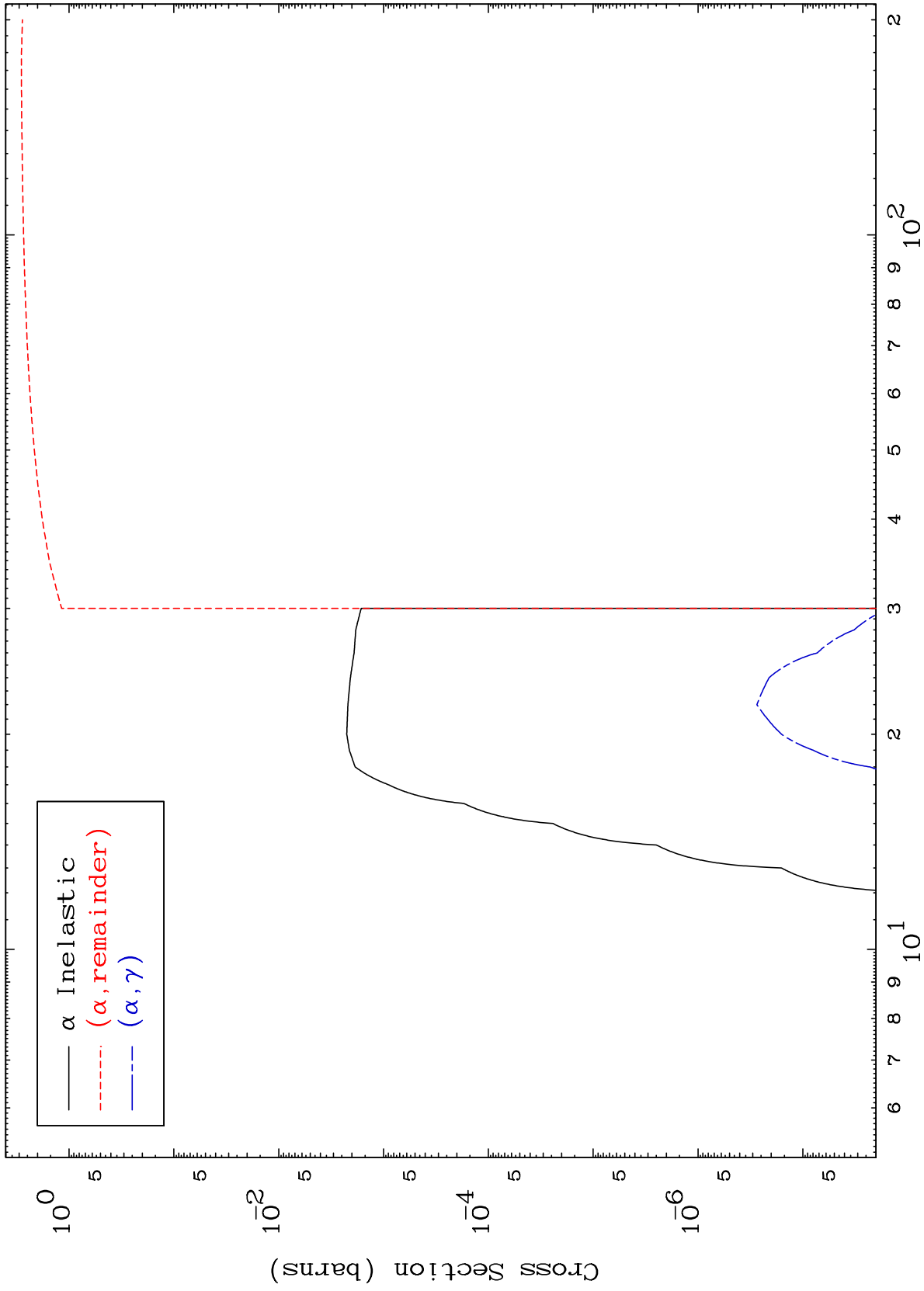
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8149

0 Kelvin α Major
Cross Sections

81-Tl-211



1

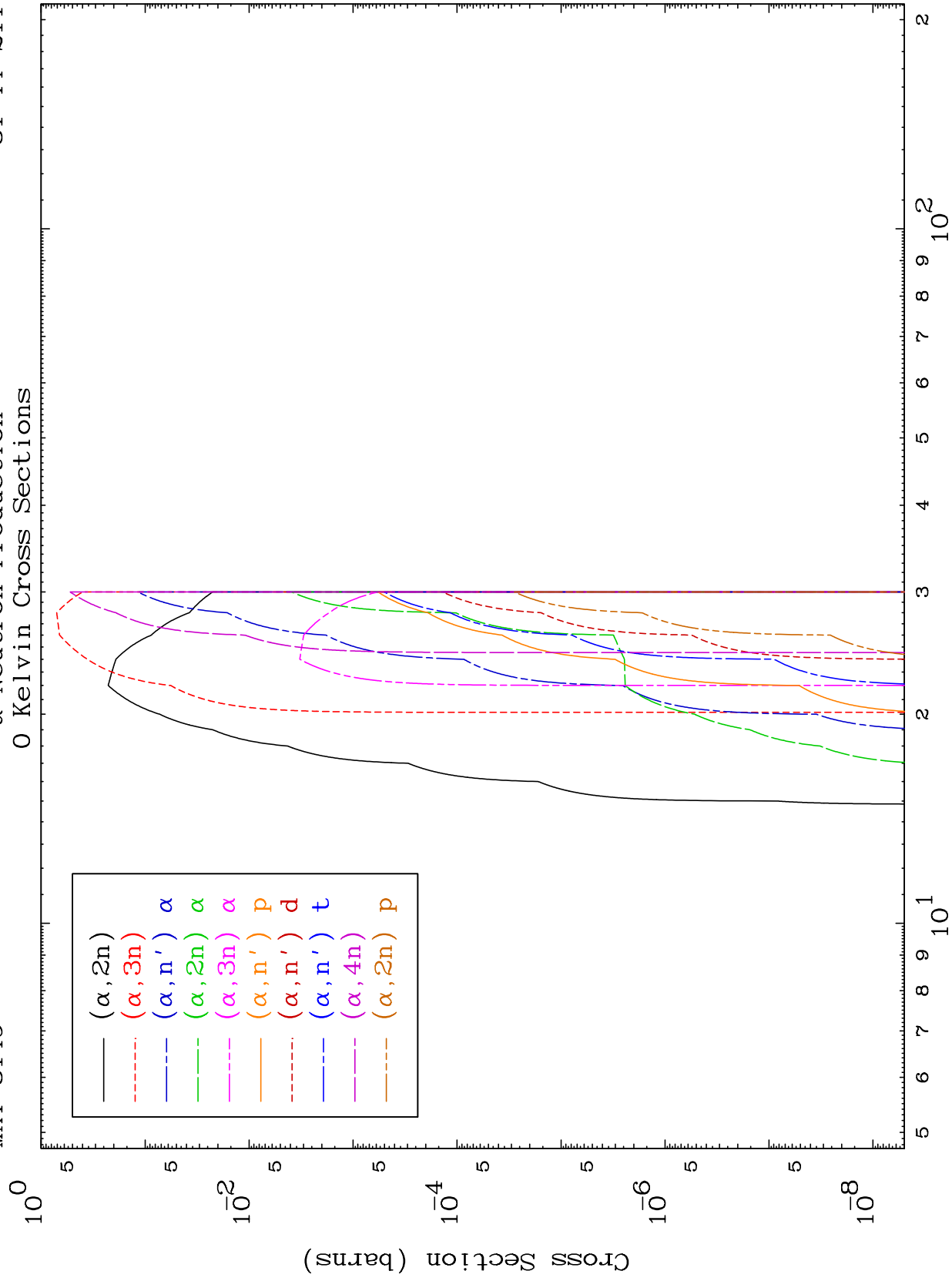
Incident Energy (MeV)

81-Tl-211

MAT 8149

α Neutron Production
0 Kelvin Cross Sections

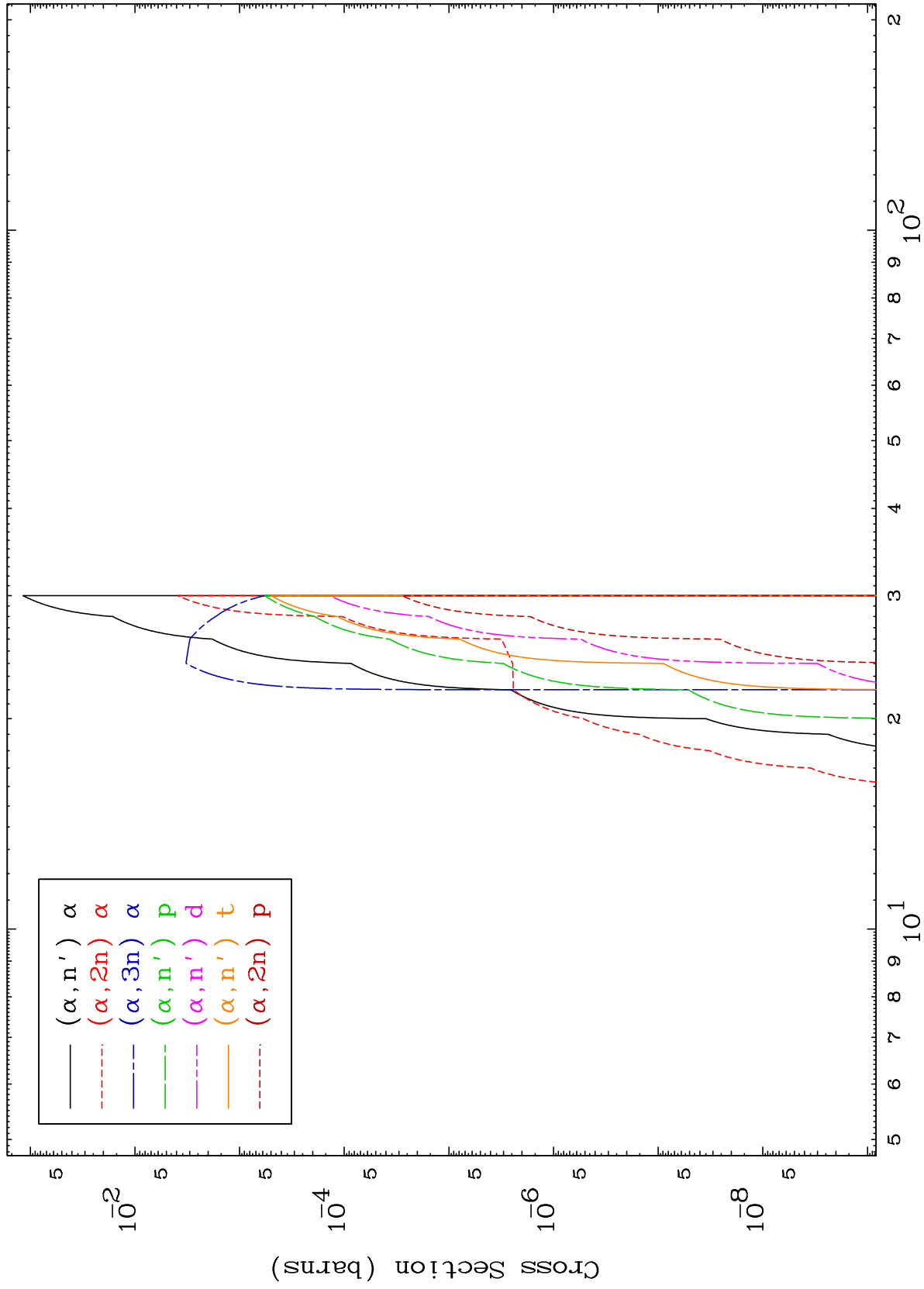
81-Tl-211



2

Incident Energy (MeV)

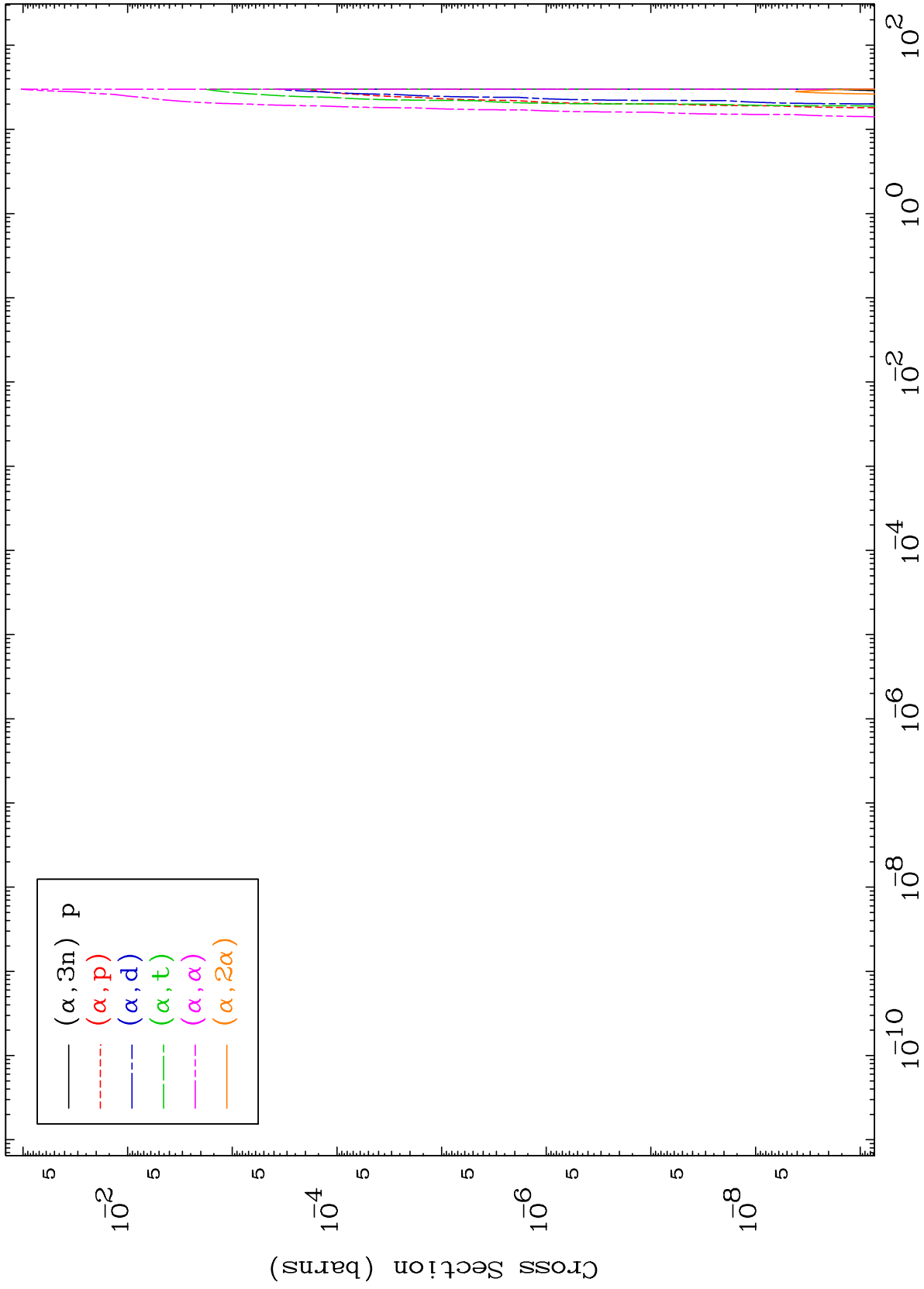
81-Tl-211



MAT 8149

α Charged Particle
0 Kelvin Cross Sections

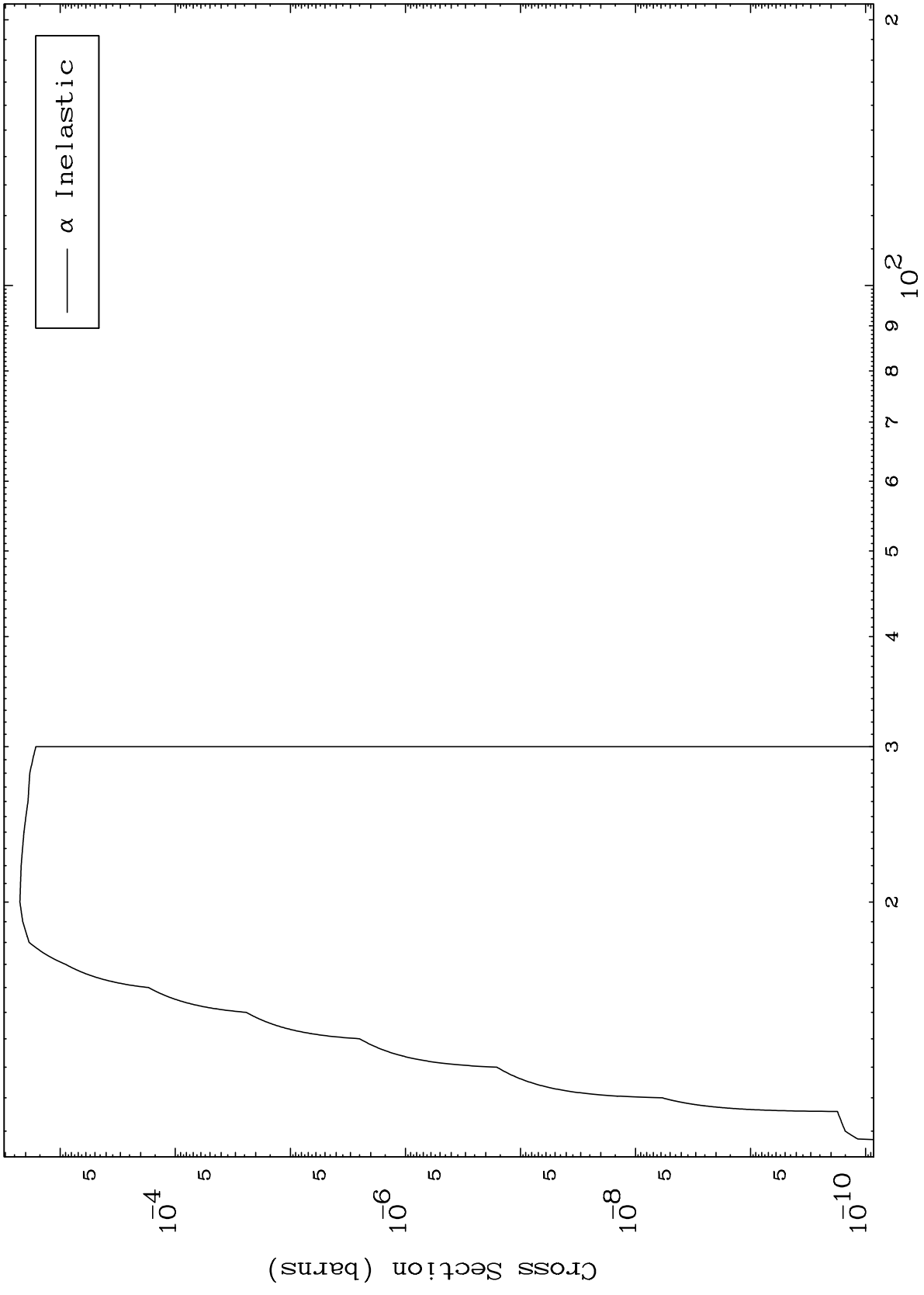
81-Tl-211



MAT 8149

(α, n') Level
0 Kelvin Cross Sections

81-Tl-211



5

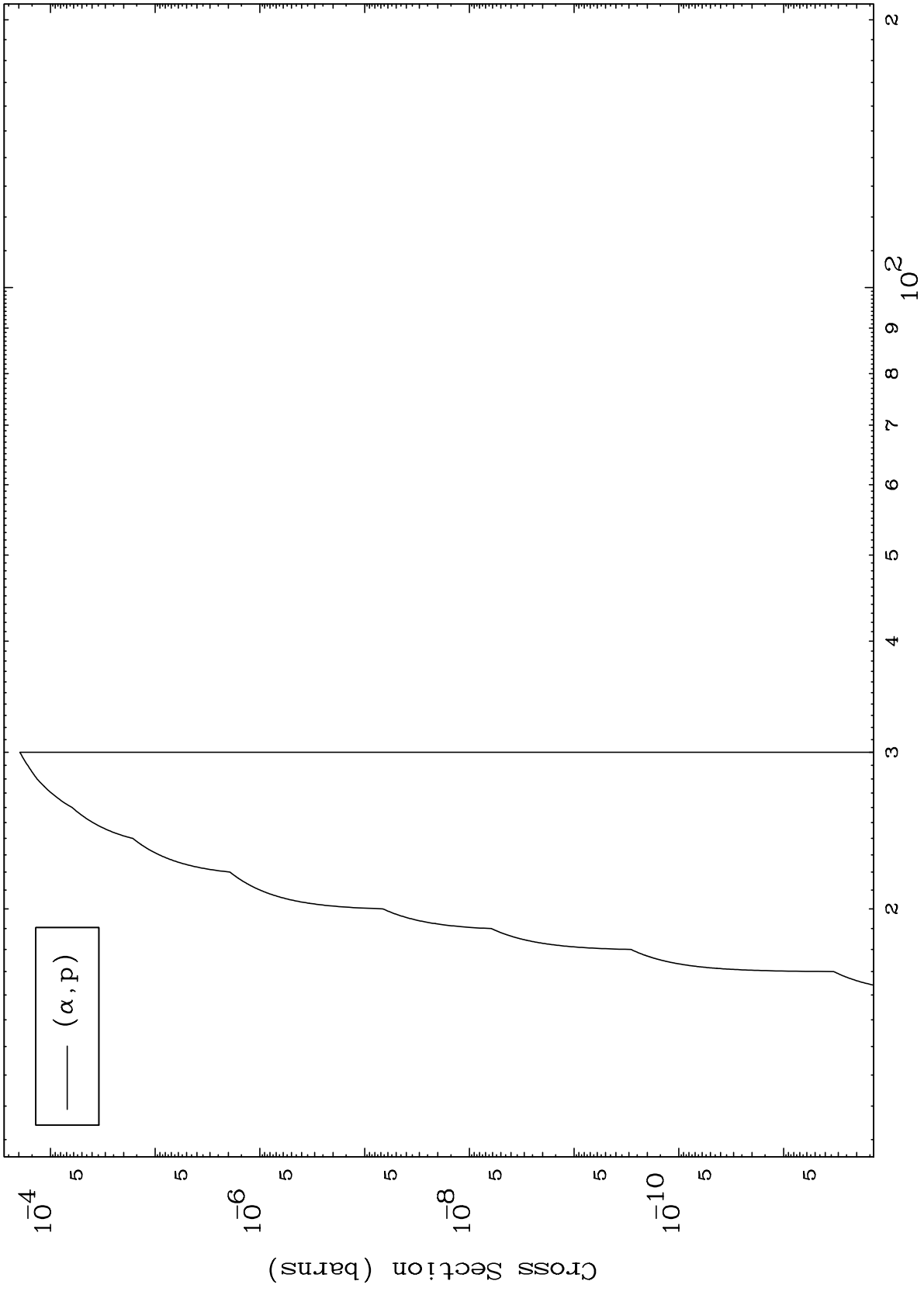
Incident Energy (MeV)

81-Tl-211

MAT 8149

(α, p) Levels
0 Kelvin Cross Sections

81-Tl-211



6

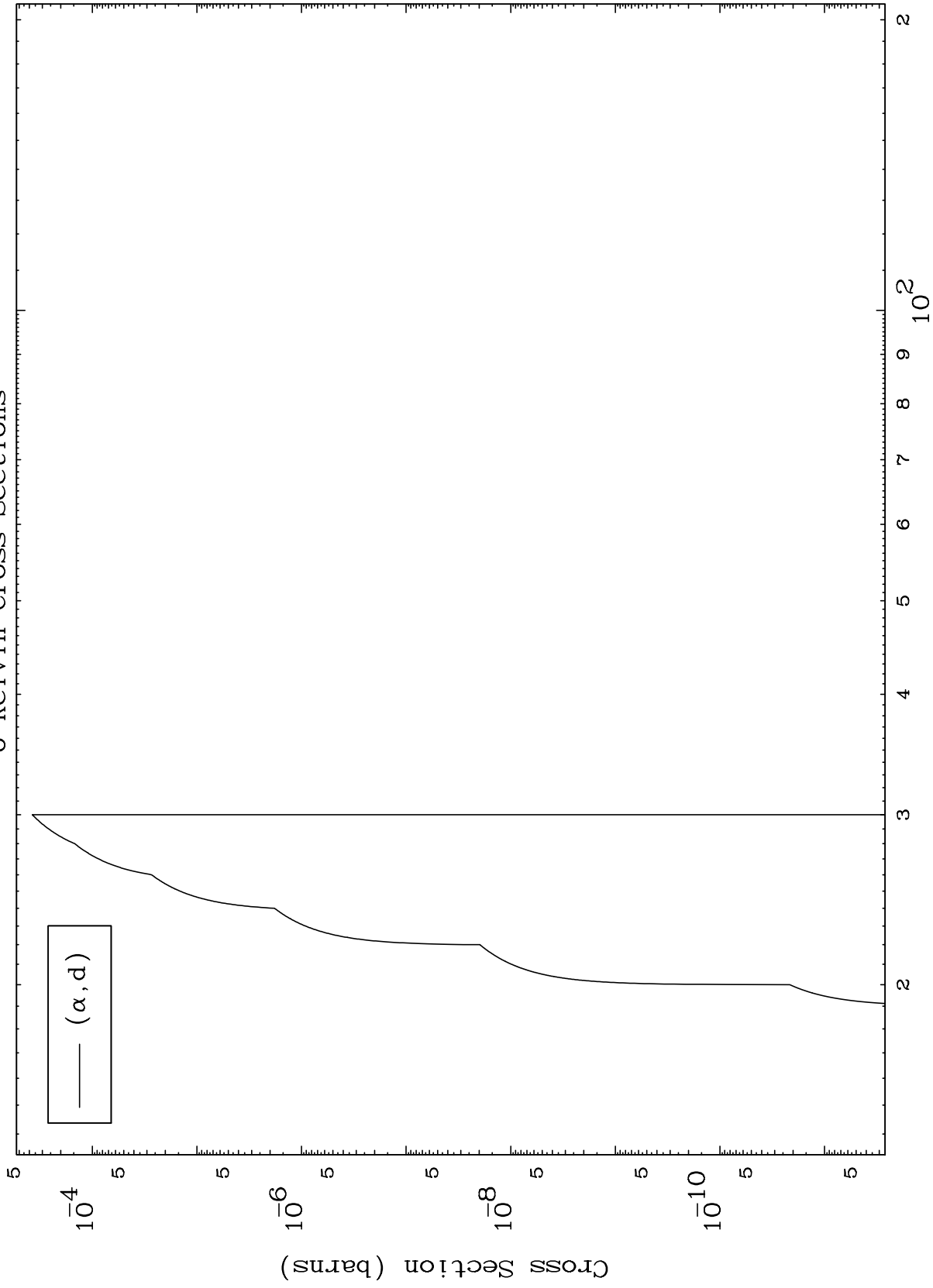
Incident Energy (MeV)

81-Tl-211

MAT 8149

(α, d) Levels
0 Kelvin Cross Sections

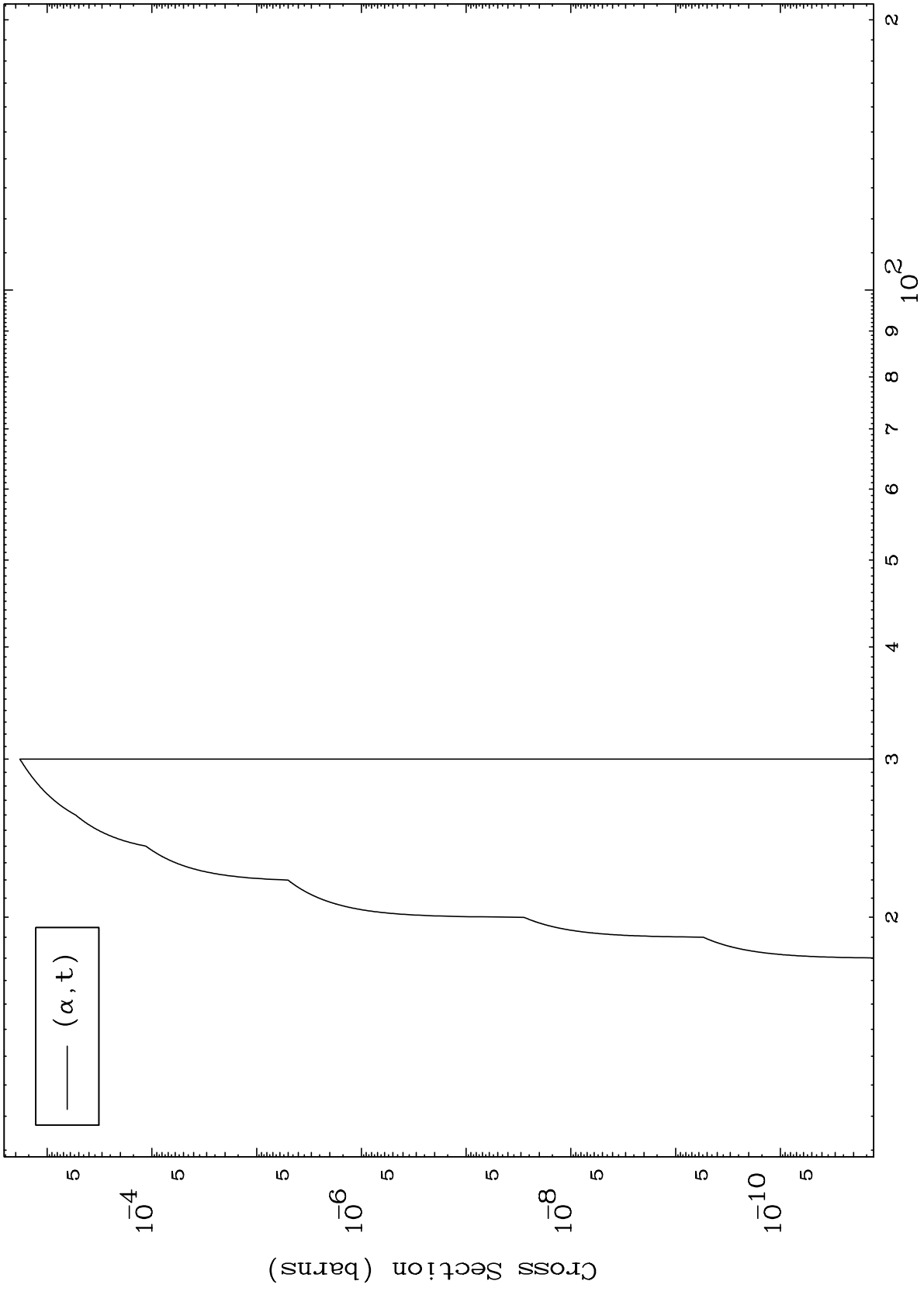
81-Tl-211



7

Incident Energy (MeV)

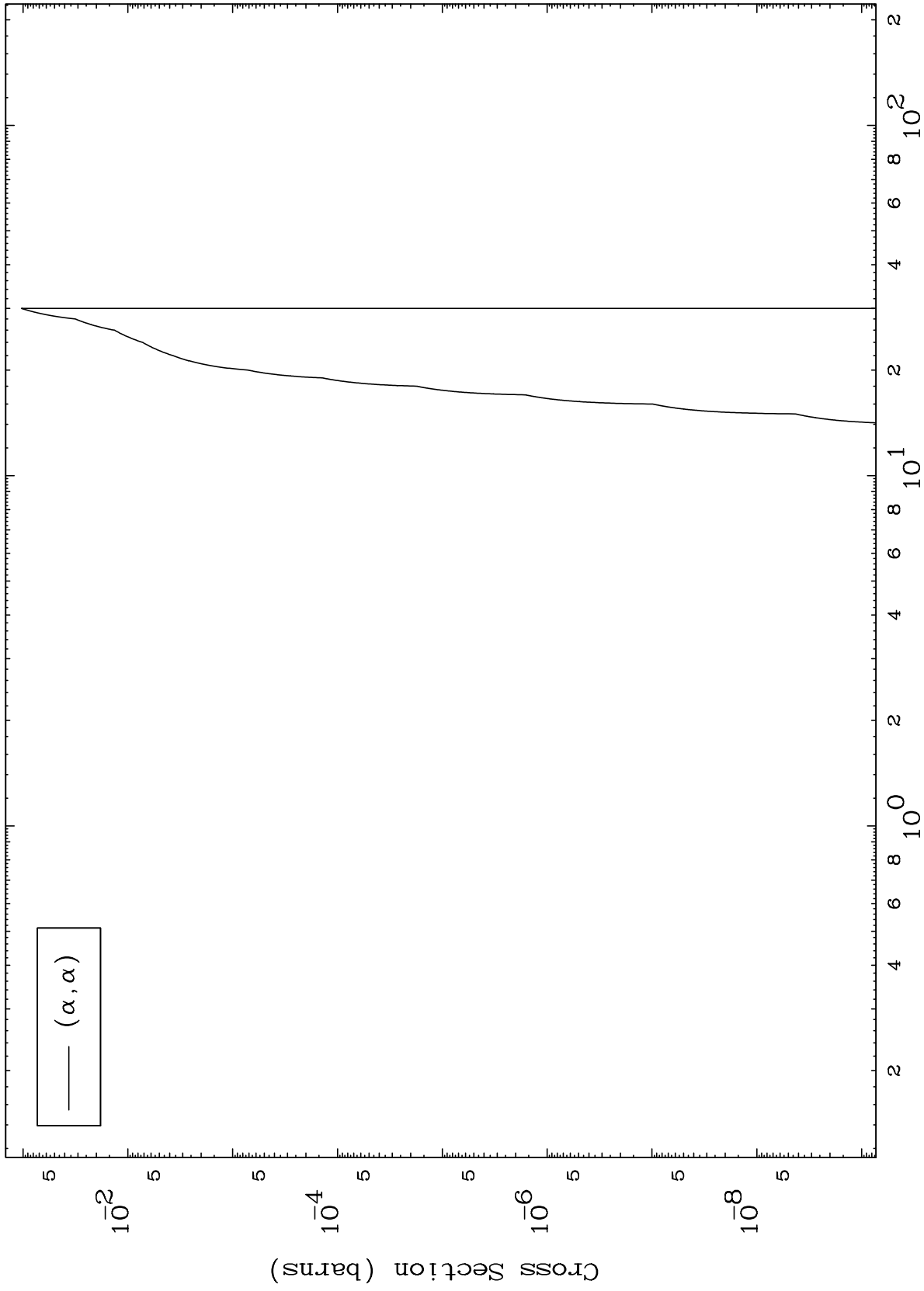
81-Tl-211



MAT 8149

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-211



9

Incident Energy (MeV)

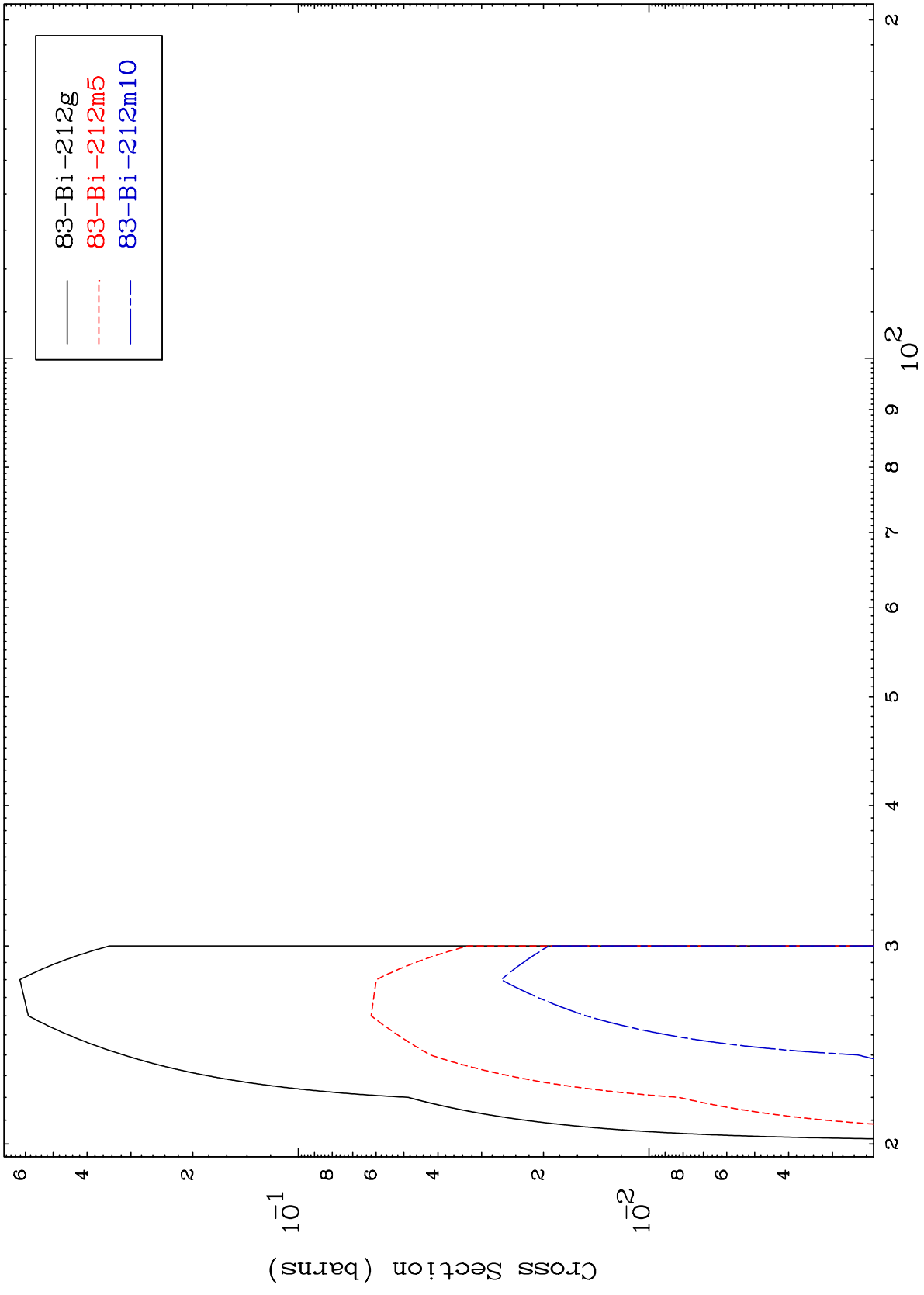
81-Tl-211

MAT 8149

($\alpha, 3n$)

81-Tl-211

Radionuclide Production Cross Section



10

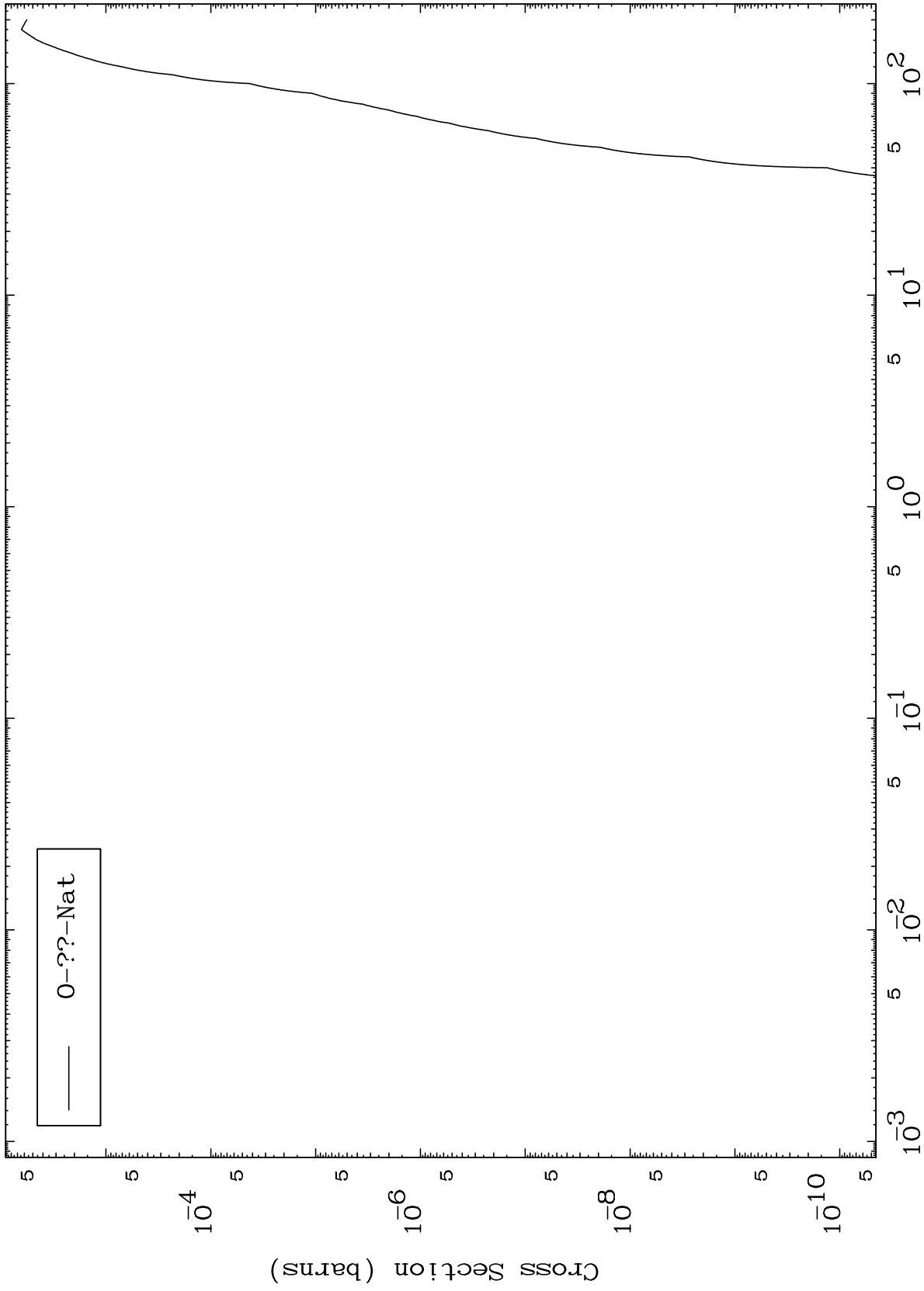
Incident Energy (MeV)

81-Tl-211

MAT 8149

α Fission
Radionuclide Production Cross Section

81-Tl-211



11

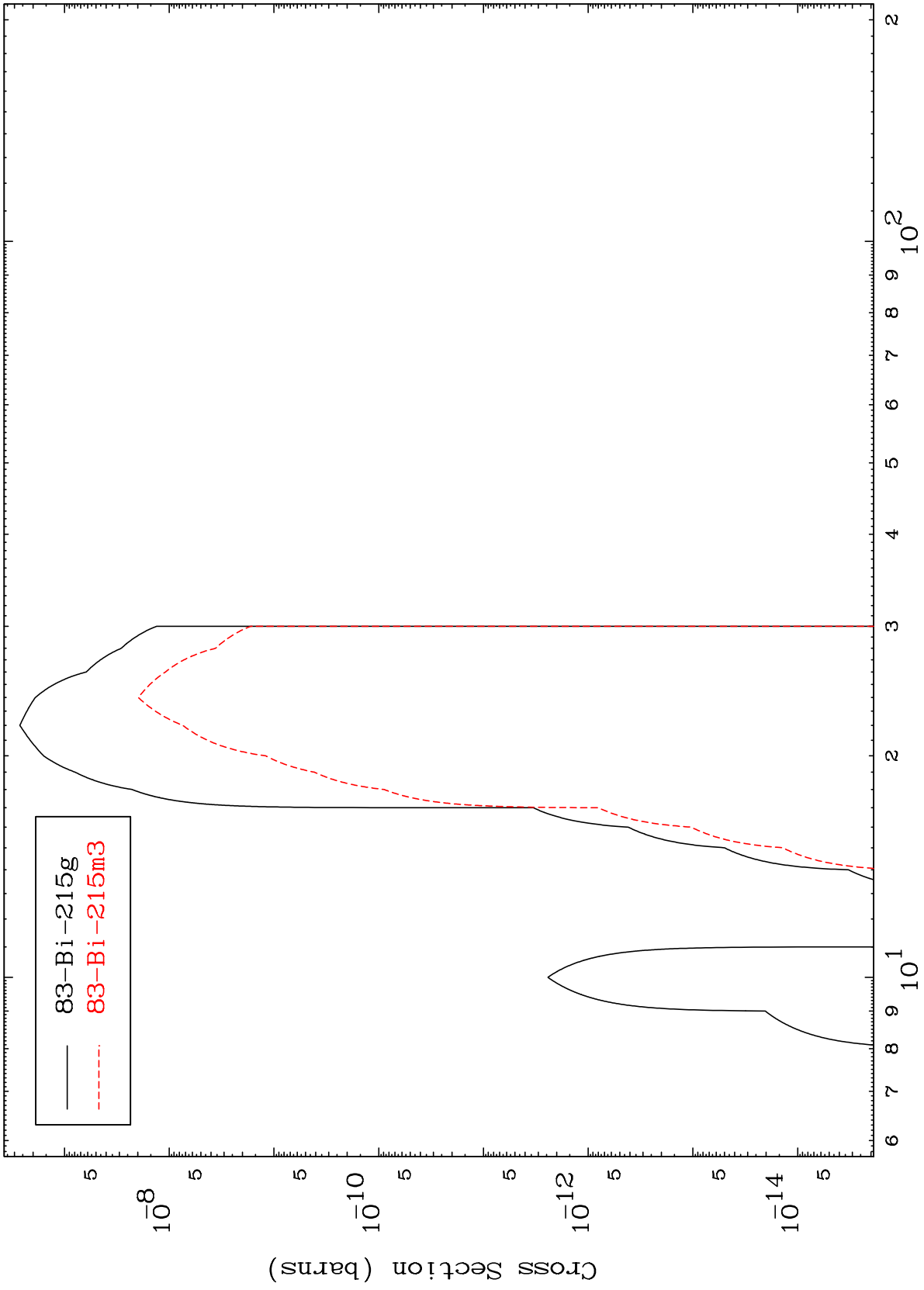
Incident Energy (MeV)

81-Tl-211

MAT 8149

81-Tl-211

(α, γ)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

81-Tl-211