

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

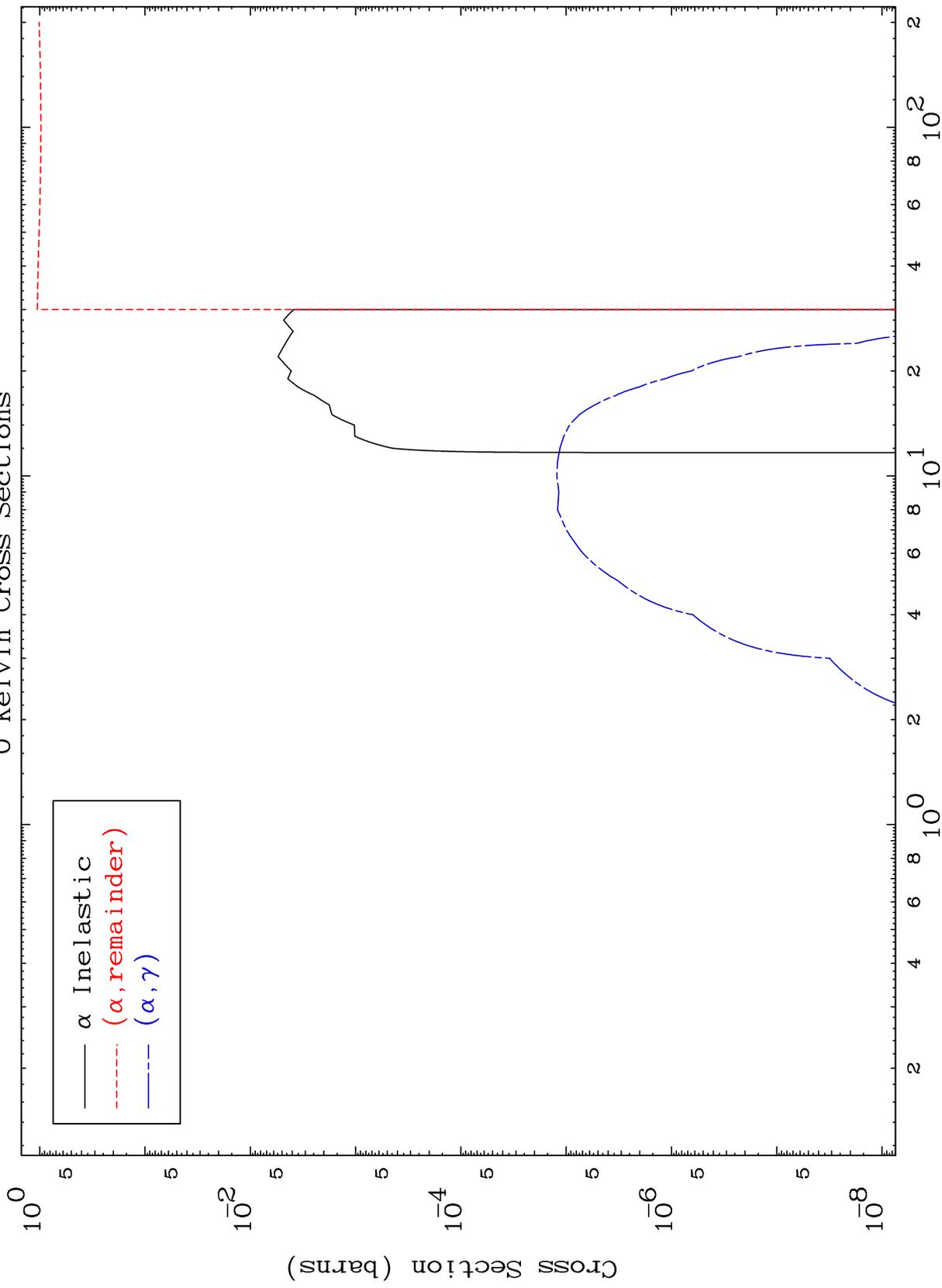
Press Mouse Button to Start

MAT 1219

α Major

12-Mg-22

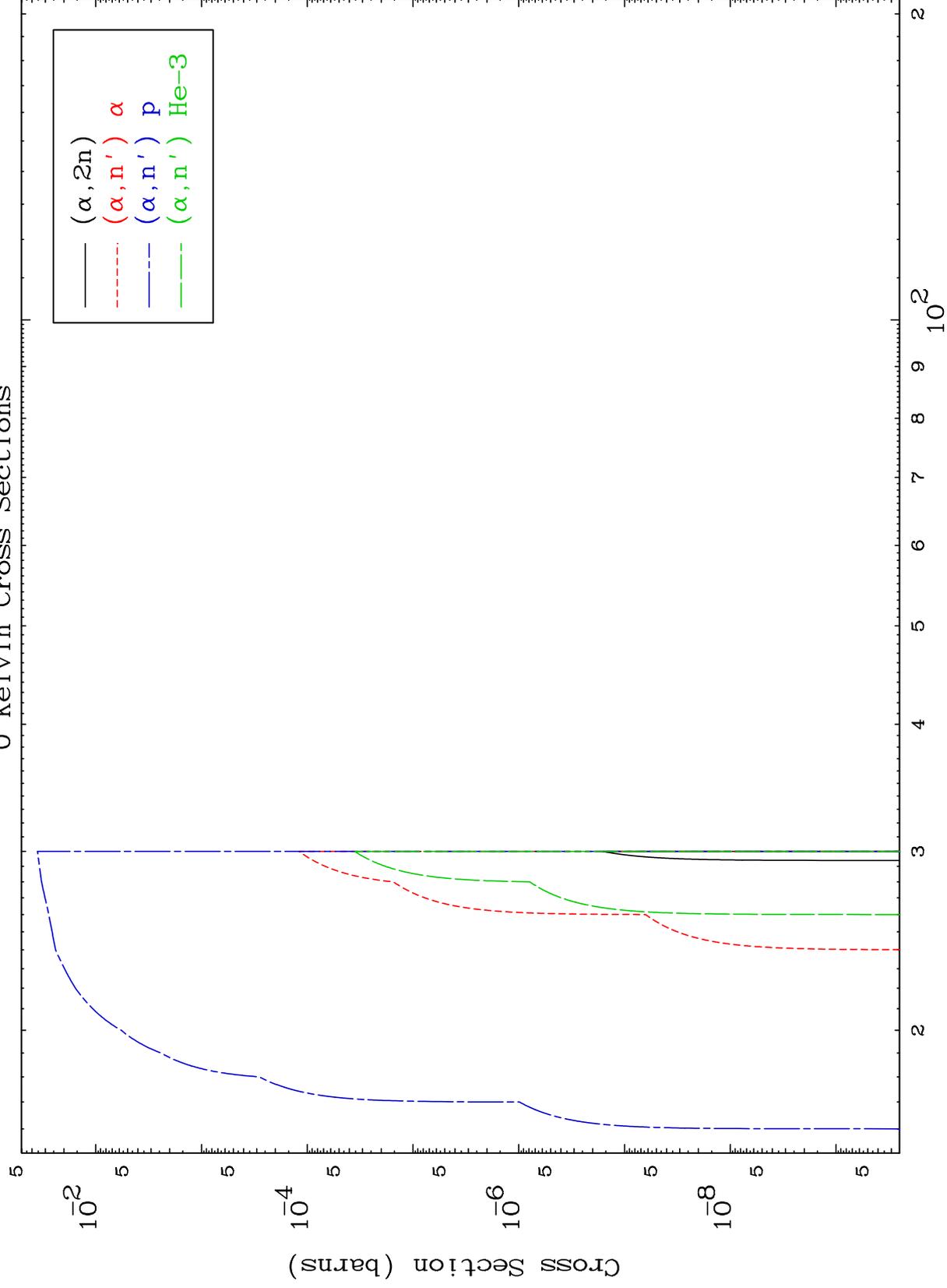
0 Kelvin Cross Sections



MAT 1219

α Neutron Production
0 Kelvin Cross Sections

12-Mg-22



2

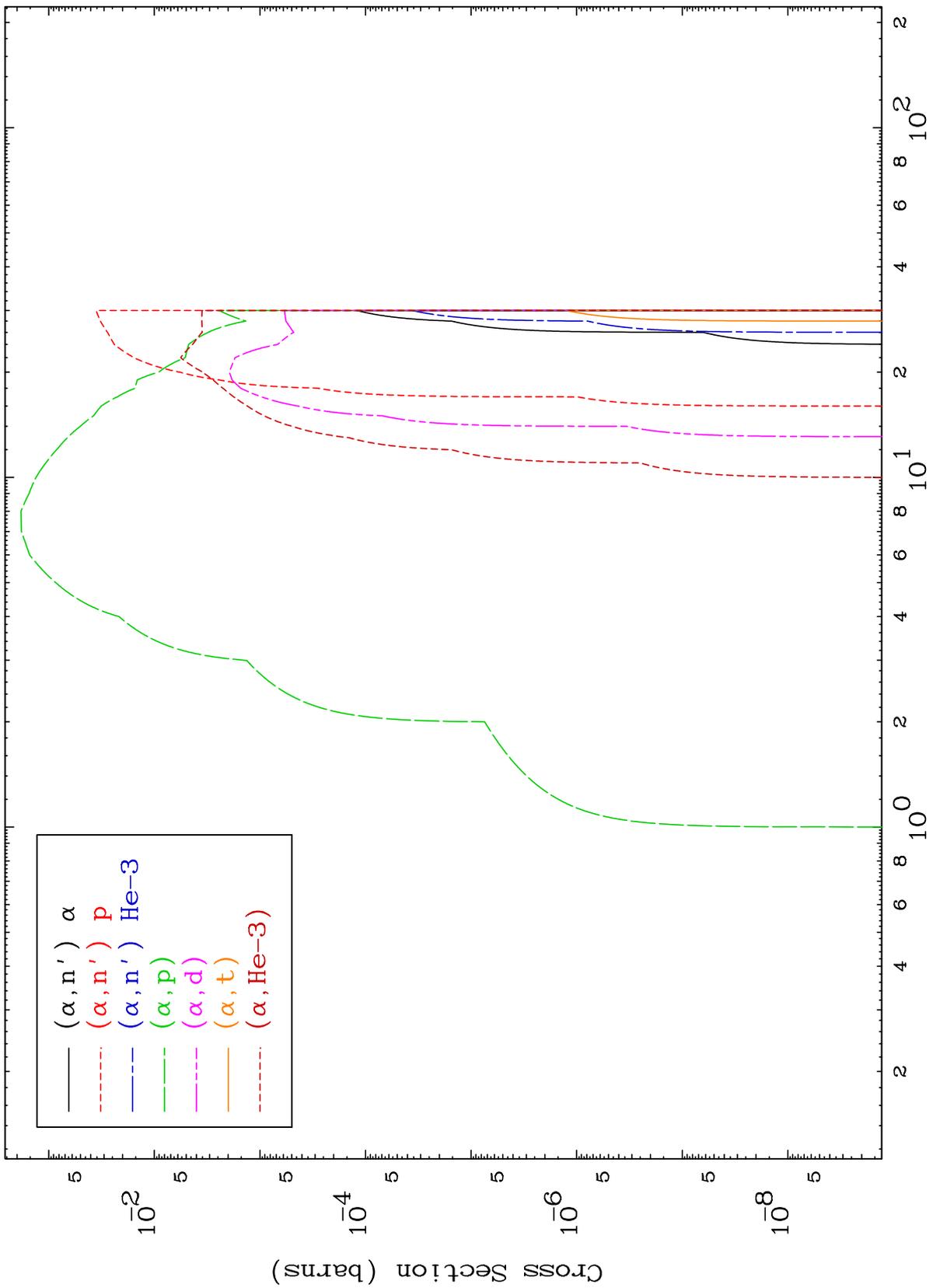
Incident Energy (MeV)

12-Mg-22

MAT 1219

α Charged Particle
0 Kelvin Cross Sections

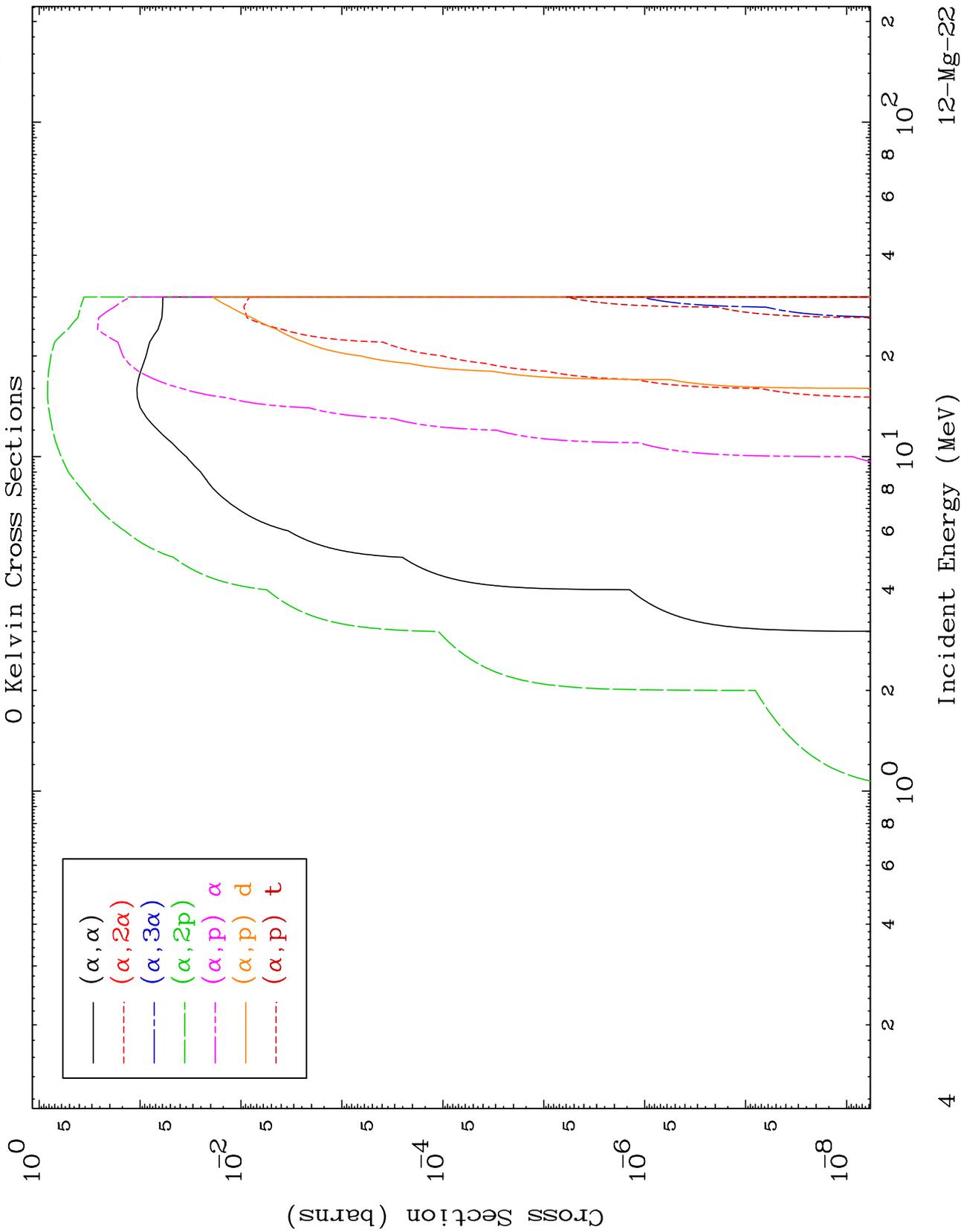
12-Mg-22



MAT 1219

α Charged Particle
0 Kelvin Cross Sections

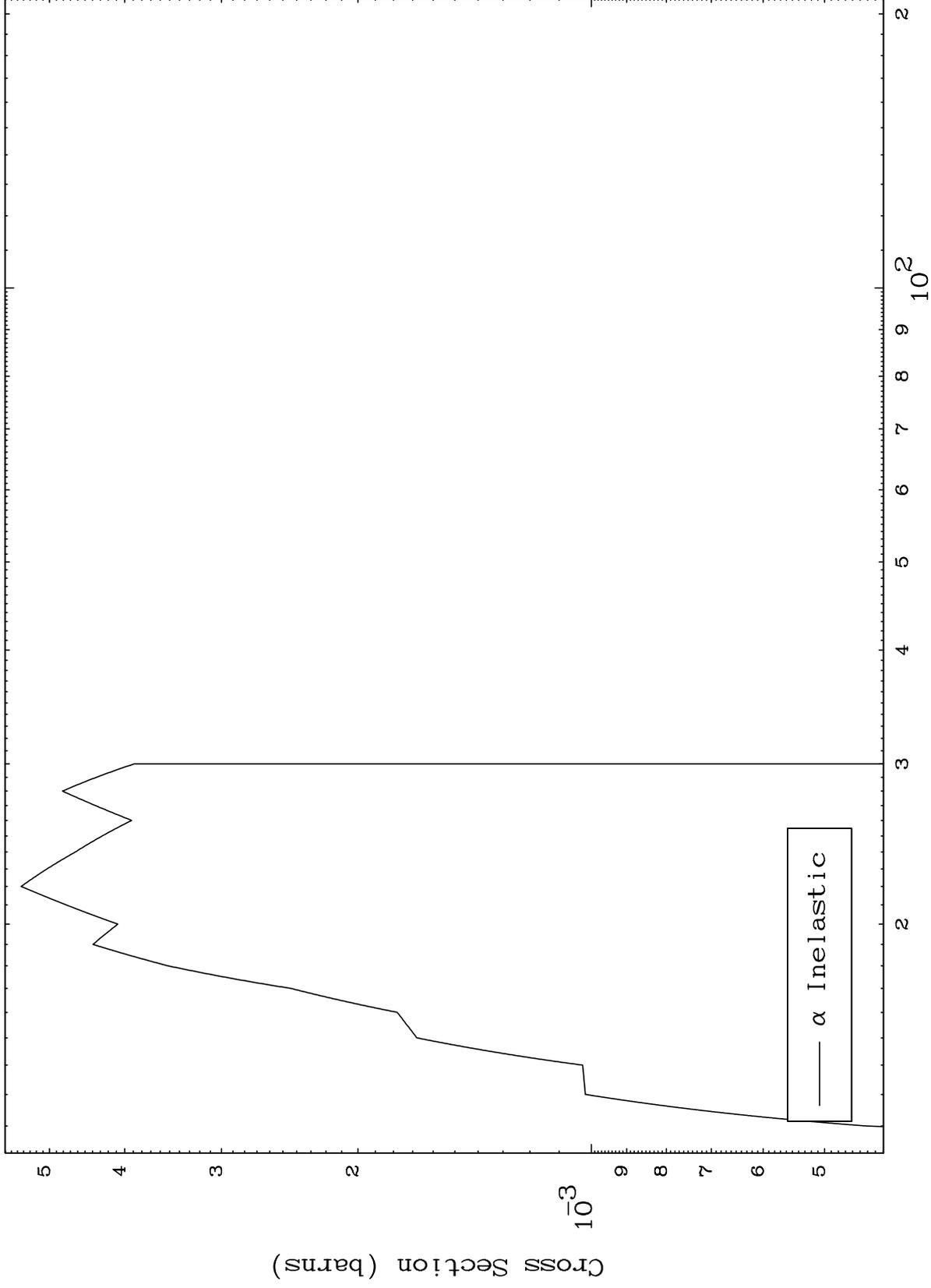
$^{12}\text{Mg-22}$



MAT 1219

(α, n') Level
0 Kelvin Cross Sections

12-Mg-22



α Inelastic

5

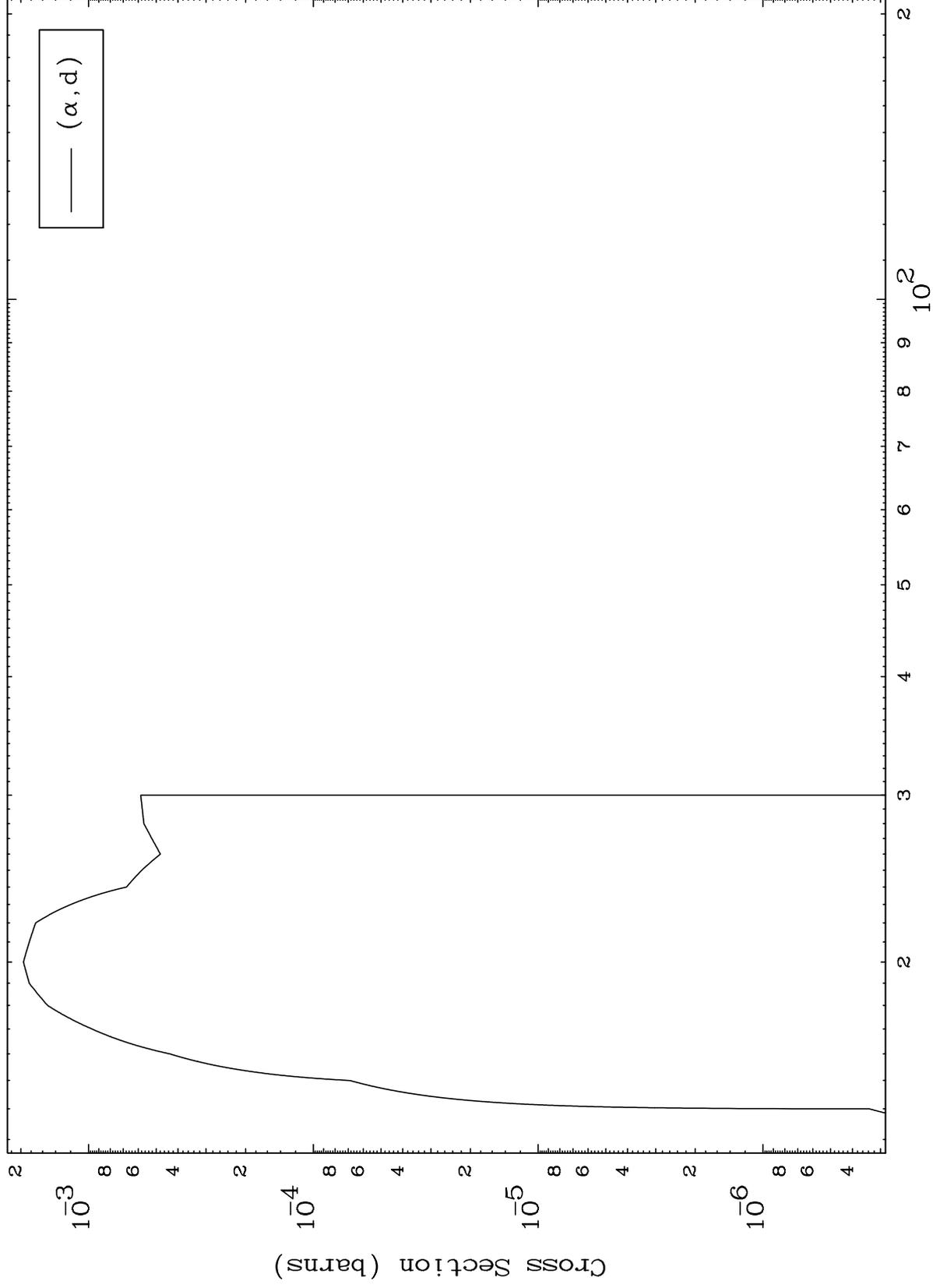
Incident Energy (MeV)

12-Mg-22

MAT 1219

(α, d) Levels
0 Kelvin Cross Sections

12-Mg-22



7

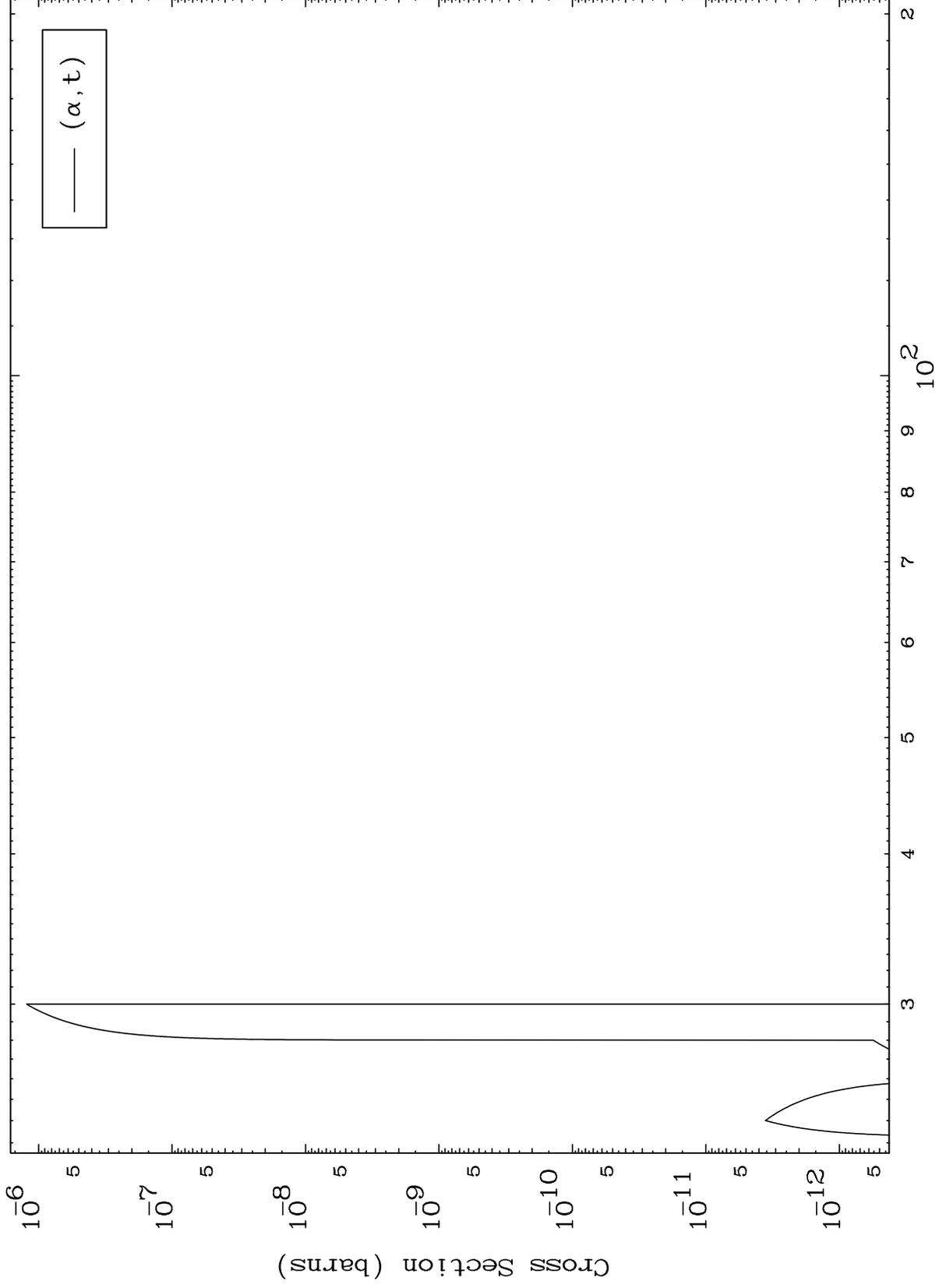
Incident Energy (MeV)

12-Mg-22

MAT 1219

(α, t) Levels
0 Kelvin Cross Sections

12-Mg-22



8

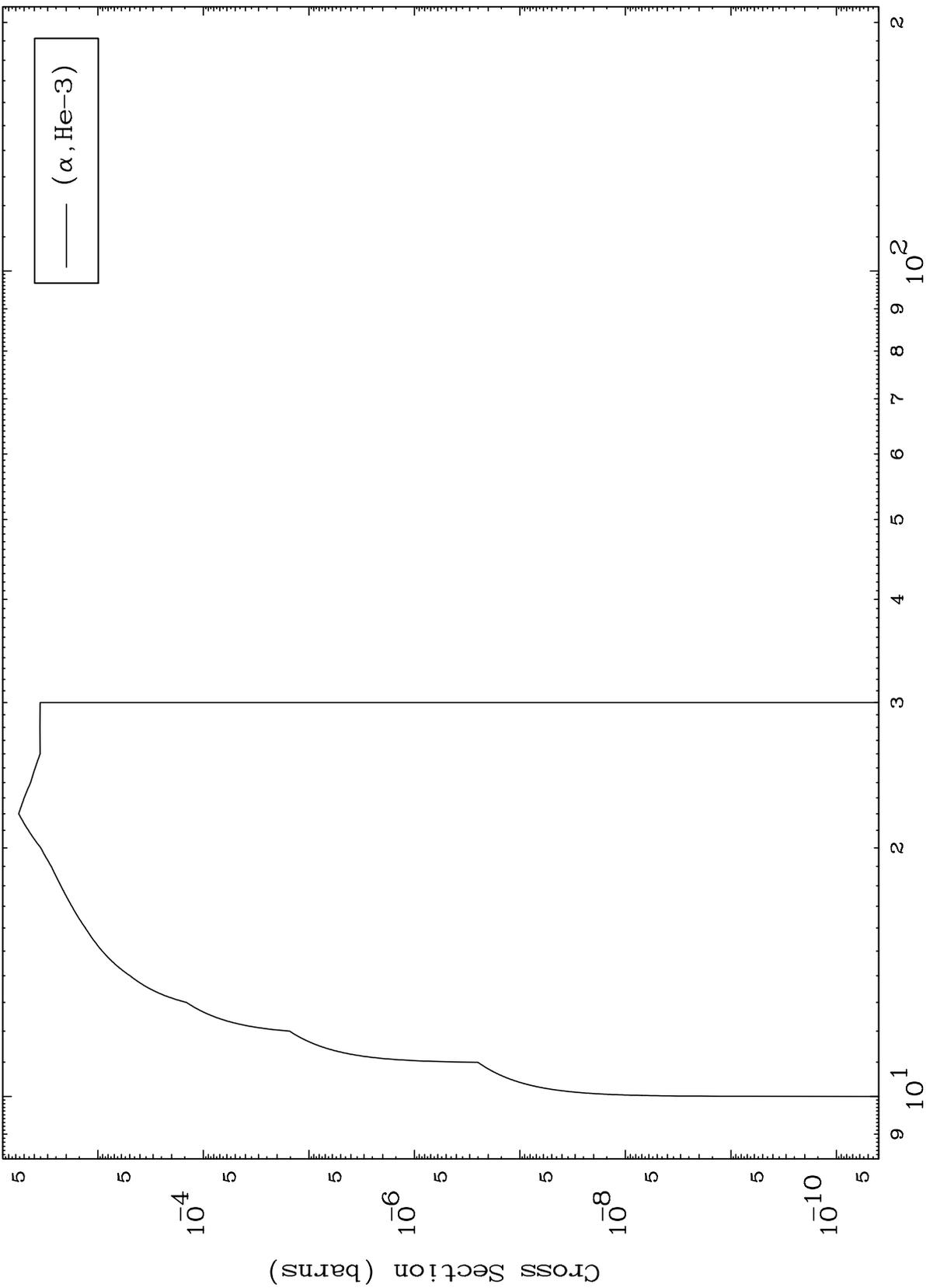
Incident Energy (MeV)

12-Mg-22

MAT 1219

(α , He3) Levels
0 Kelvin Cross Sections

12-Mg-22



9

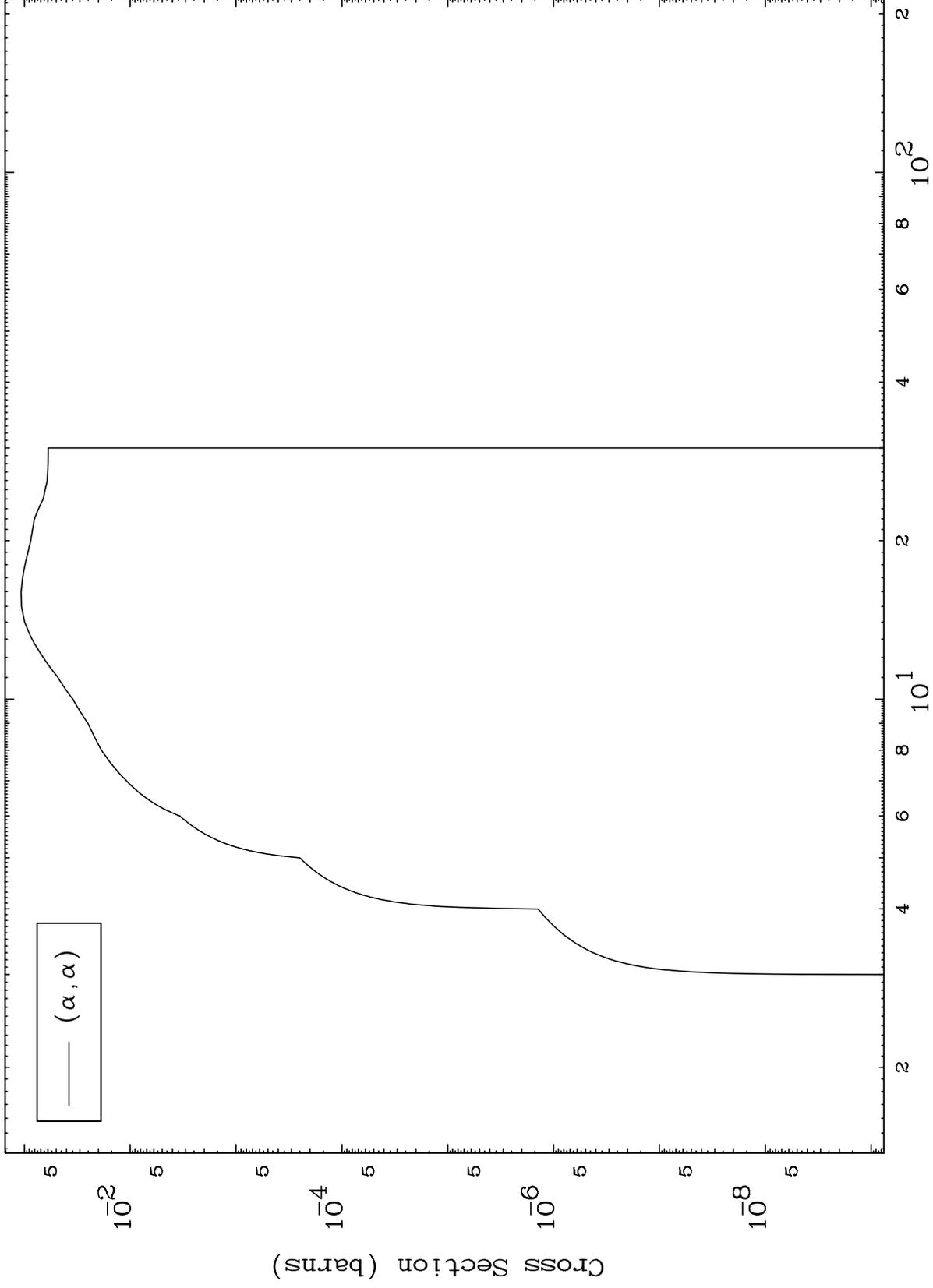
Incident Energy (MeV)

12-Mg-22

MAT 1219

(α, α) Levels
0 Kelvin Cross Sections

$^{12}\text{Mg-22}$



10

Incident Energy (MeV)

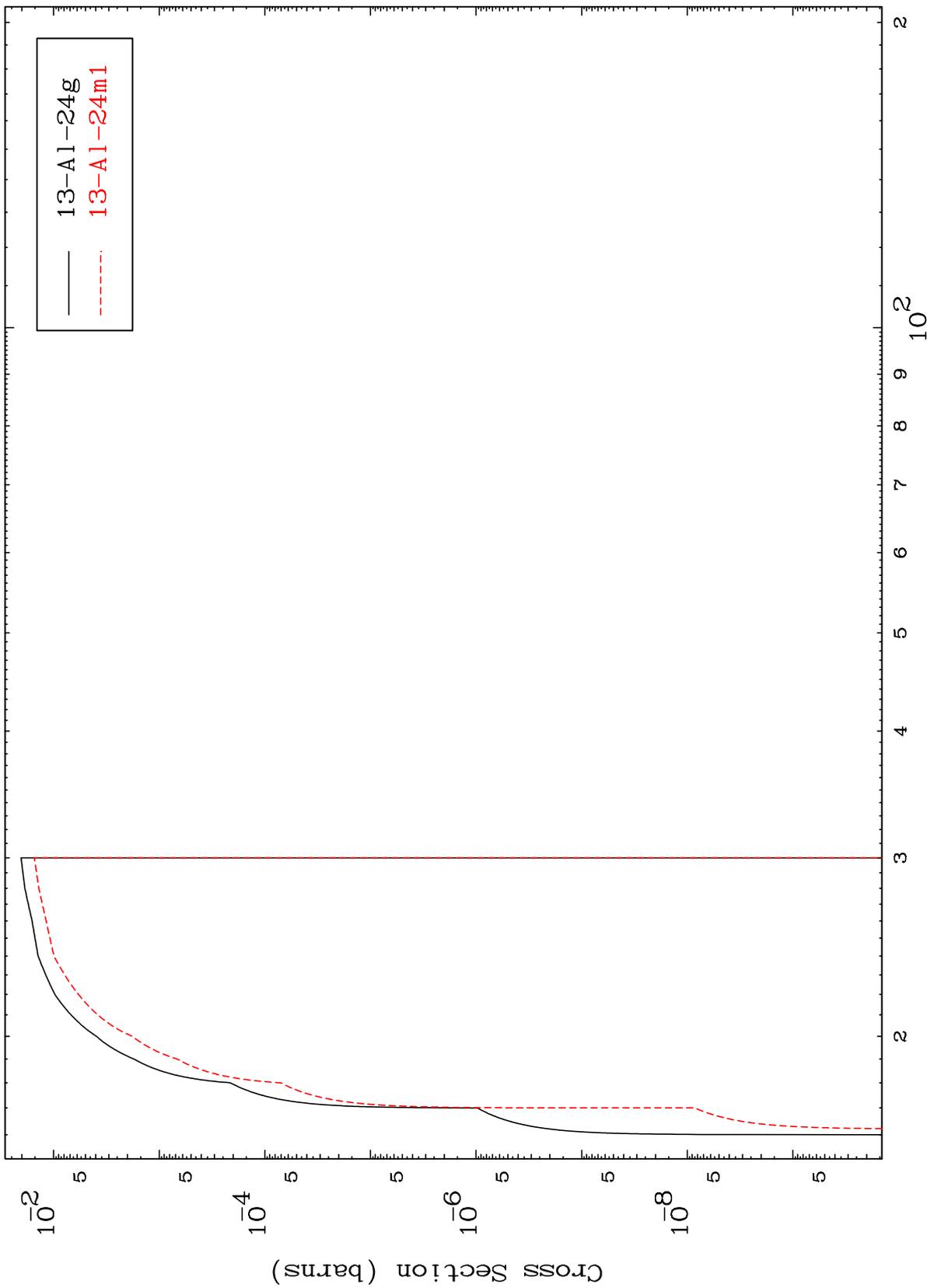
$^{12}\text{Mg-22}$

MAT 1219

(α, n') p

12-Mg-22

Radionuclide Production Cross Section



11

Incident Energy (MeV)

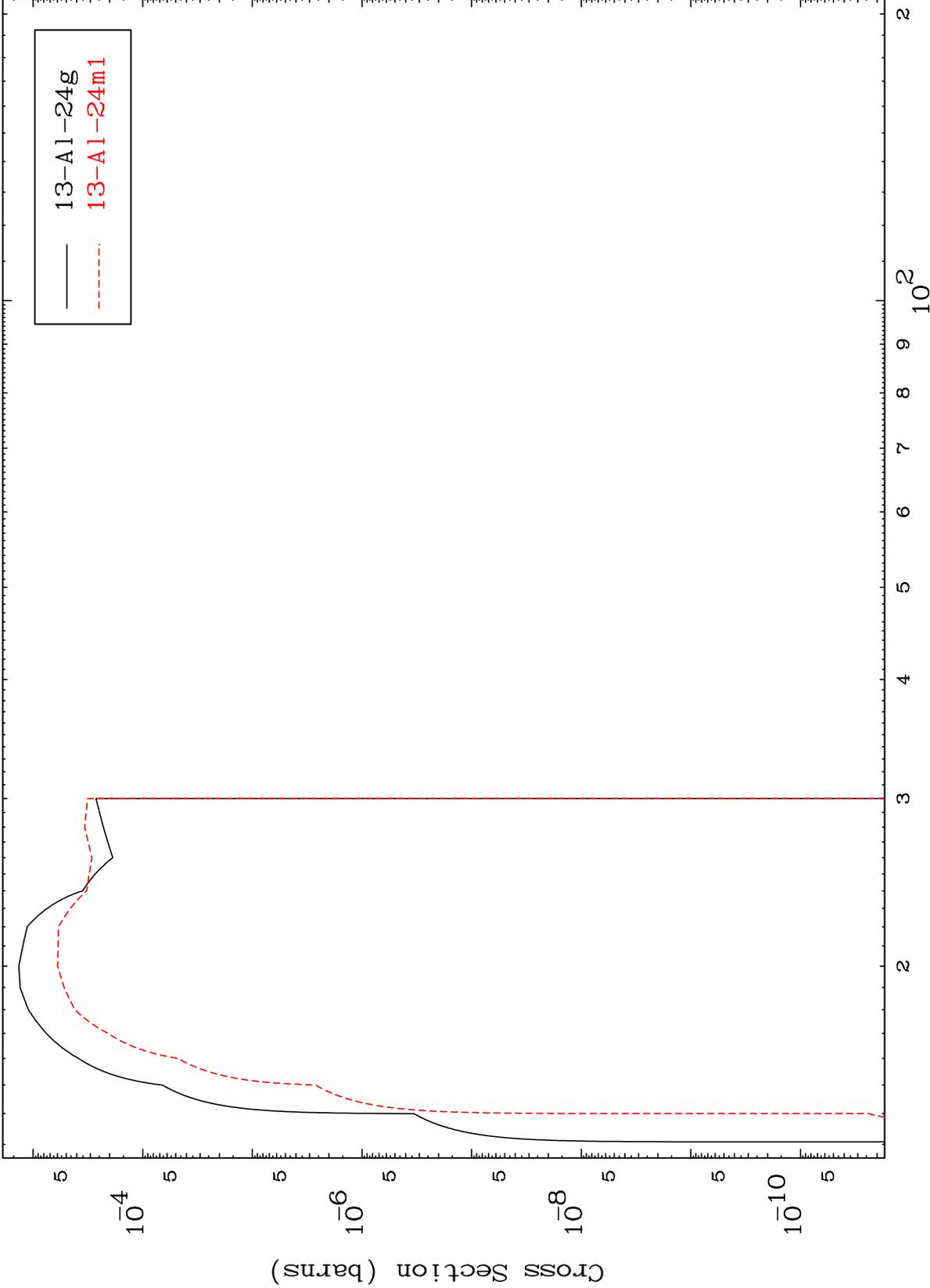
12-Mg-22

MAT 1219

(α, d)

12-Mg-22

Radionuclide Production Cross Section



12

Incident Energy (MeV)

12-Mg-22