

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

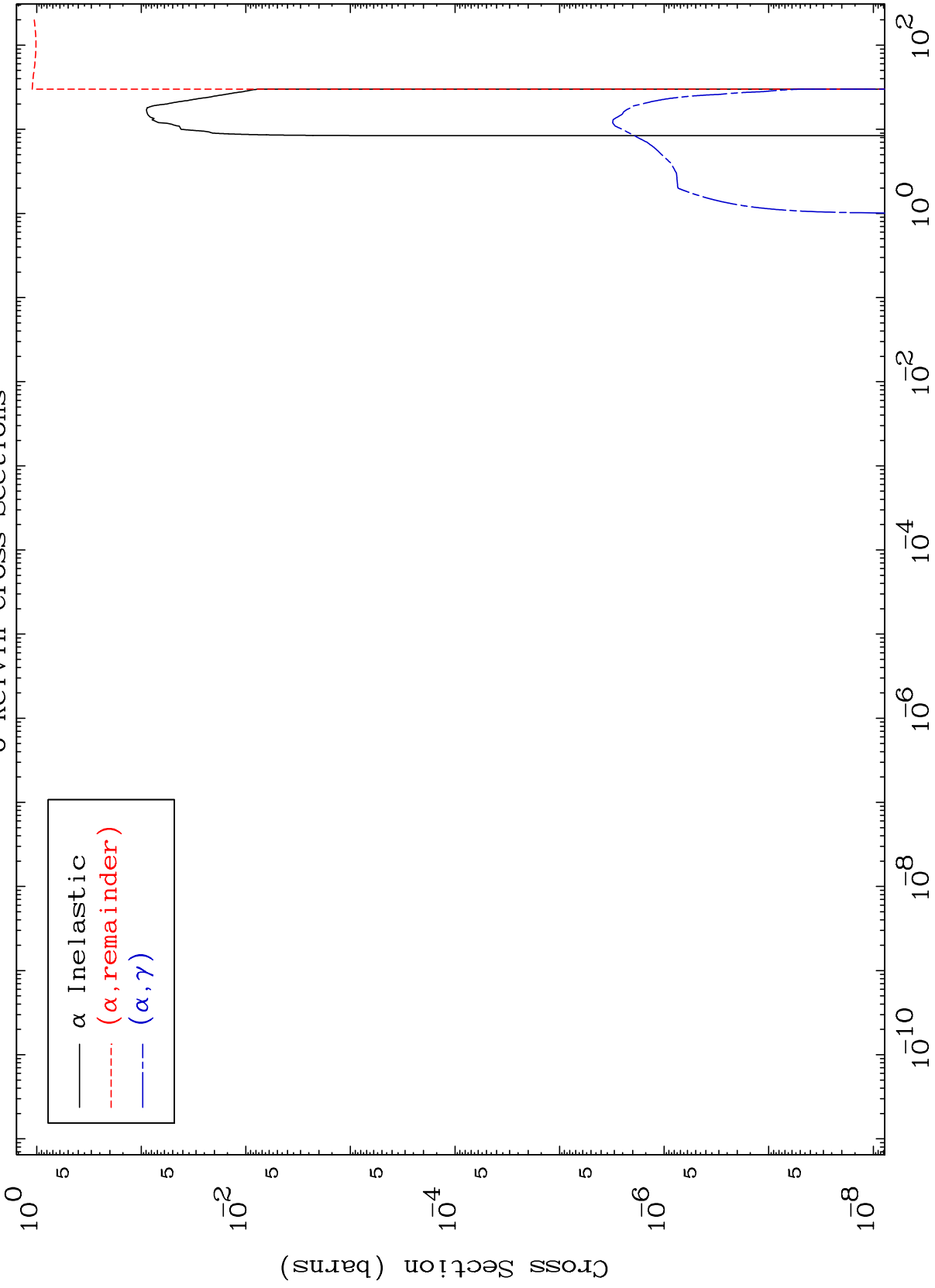
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1225

0 Kelvin α Major
Cross Sections

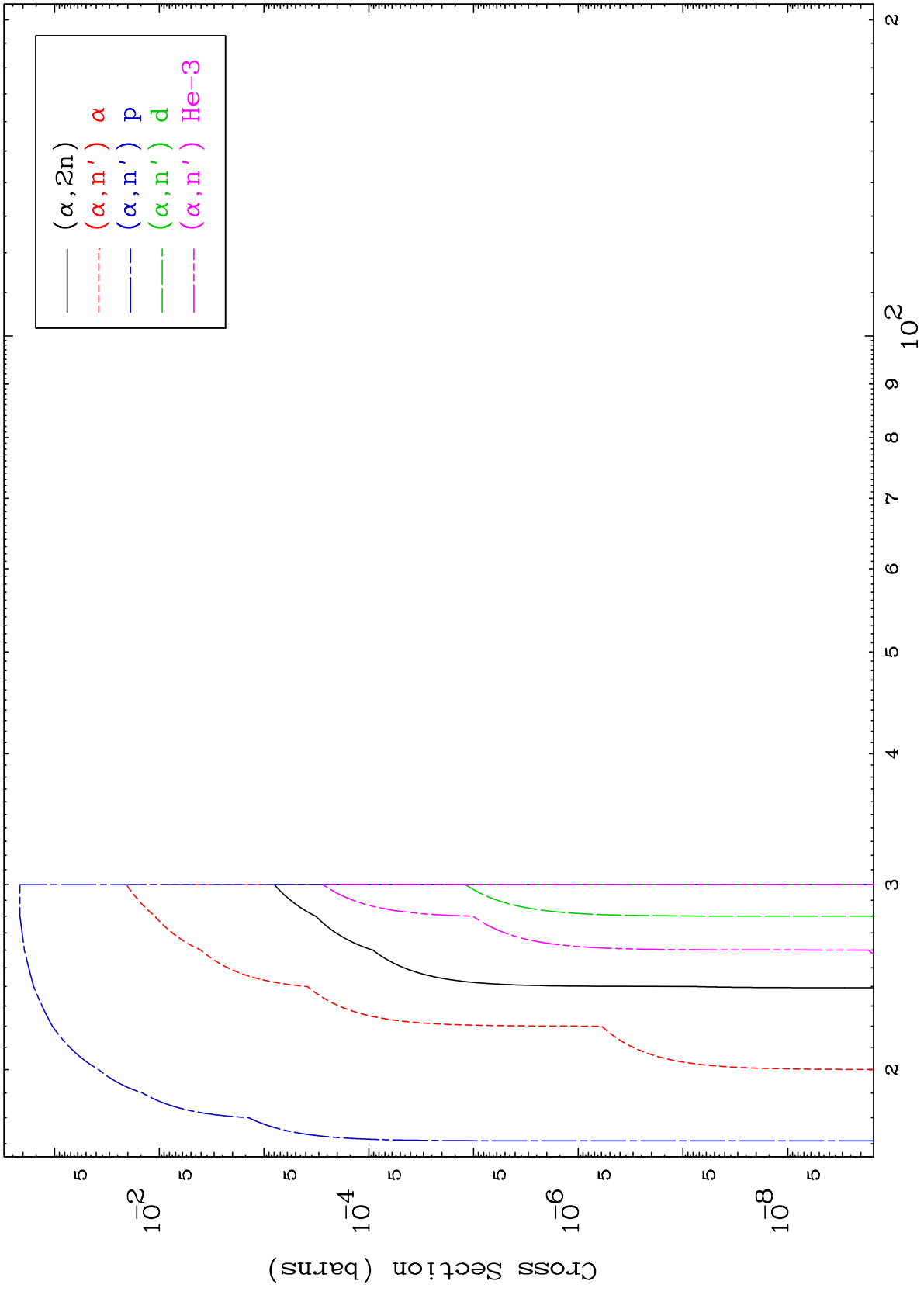
12-Mg-24



MAT 1225

α Neutron Production
0 Kelvin Cross Sections

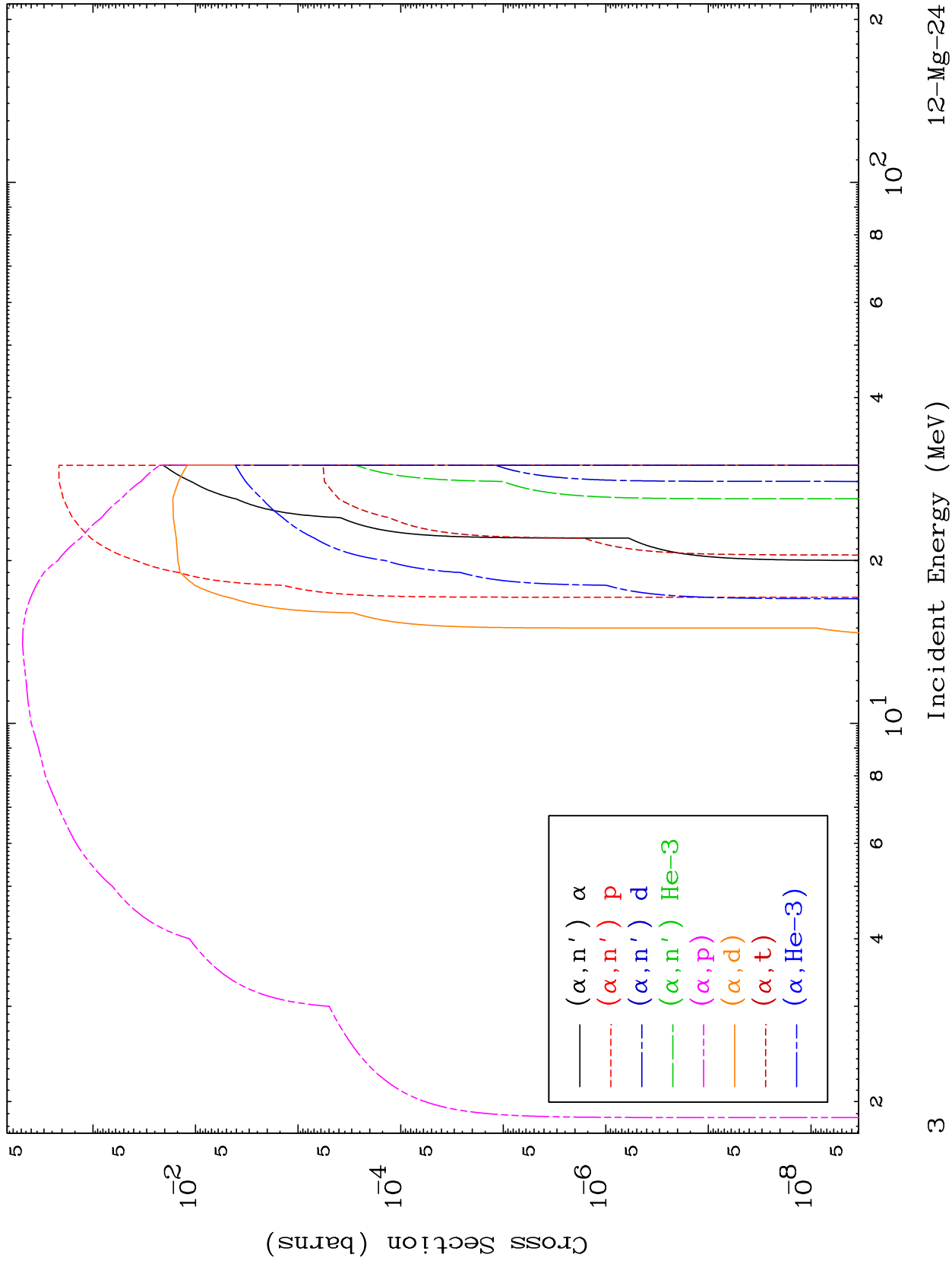
12-Mg-24

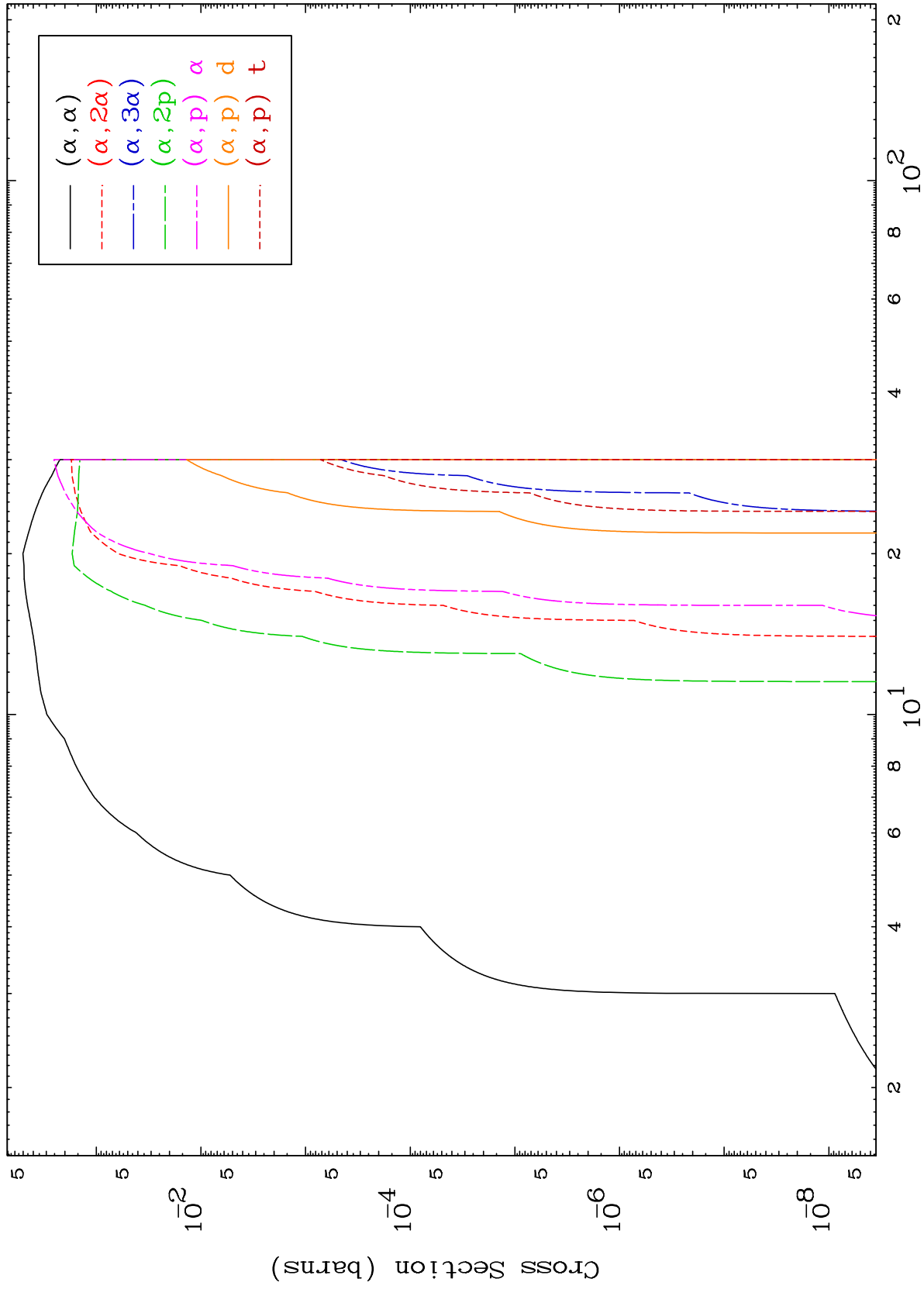


2

Incident Energy (MeV)

12-Mg-24

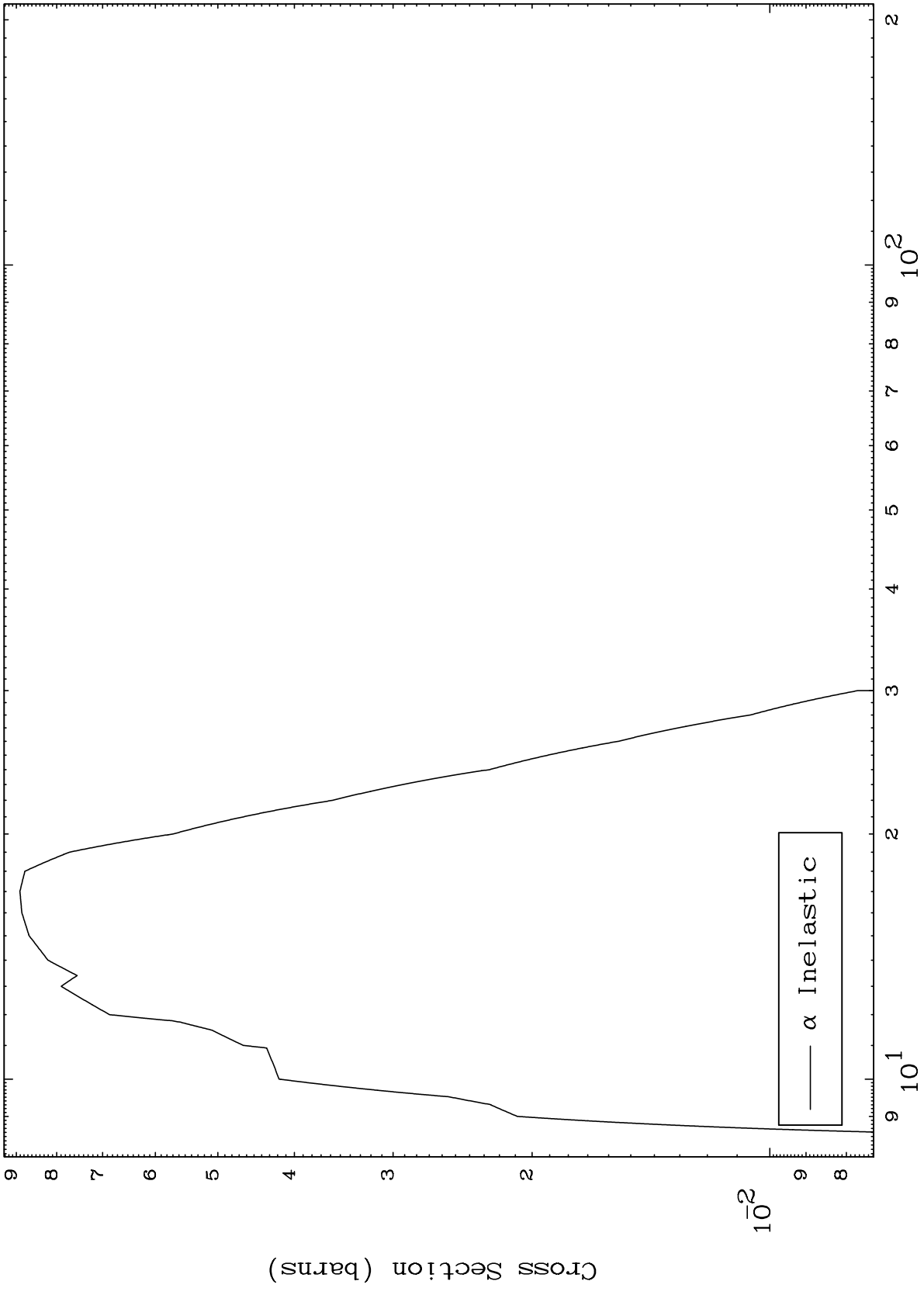




MAT 1225

(α, n') Level
0 Kelvin Cross Sections

12-Mg-24



α Inelastic

5

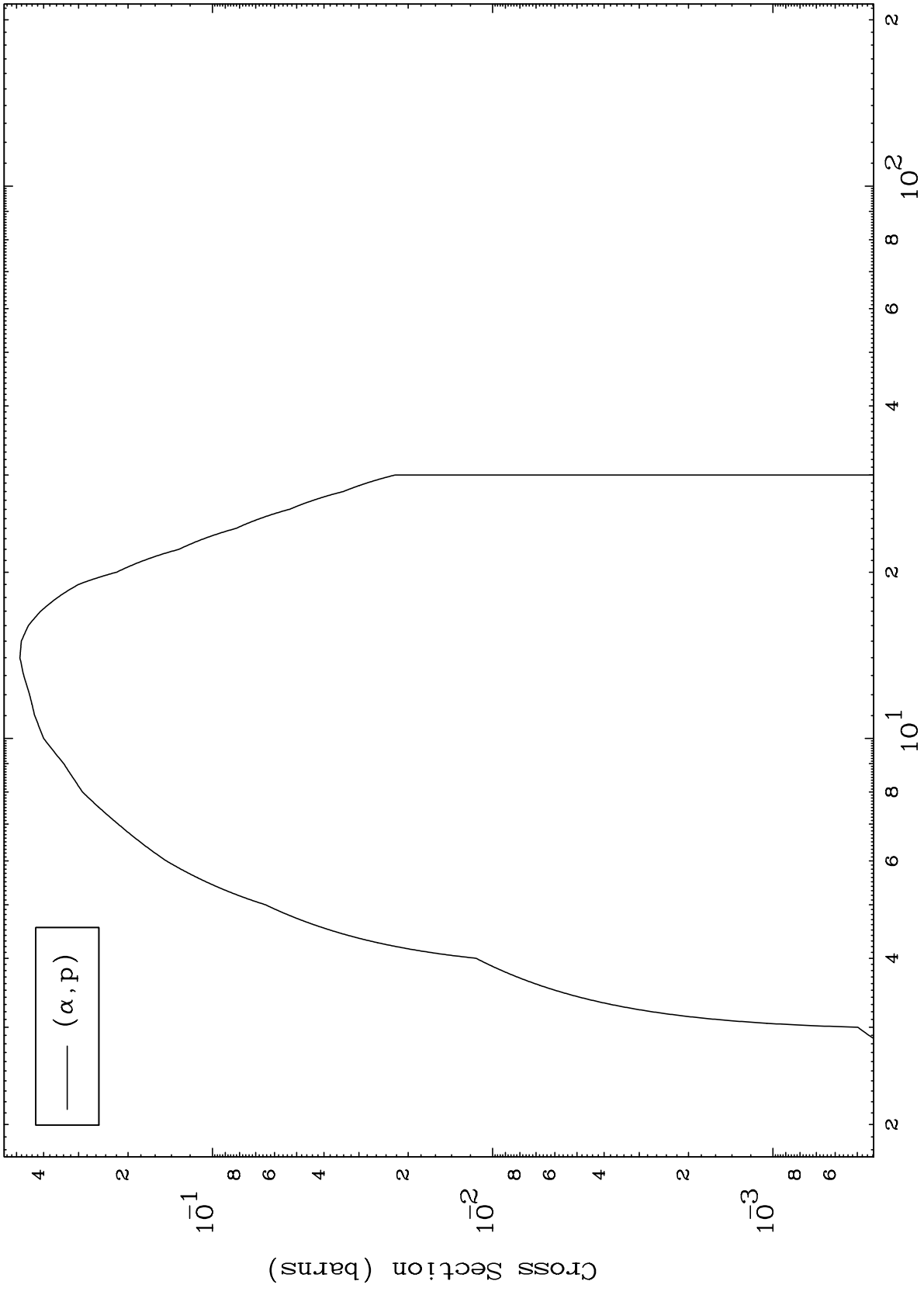
Incident Energy (MeV)

12-Mg-24

MAT 1225

(α, p) Levels
0 Kelvin Cross Sections

12-Mg-24



(α, p)

6

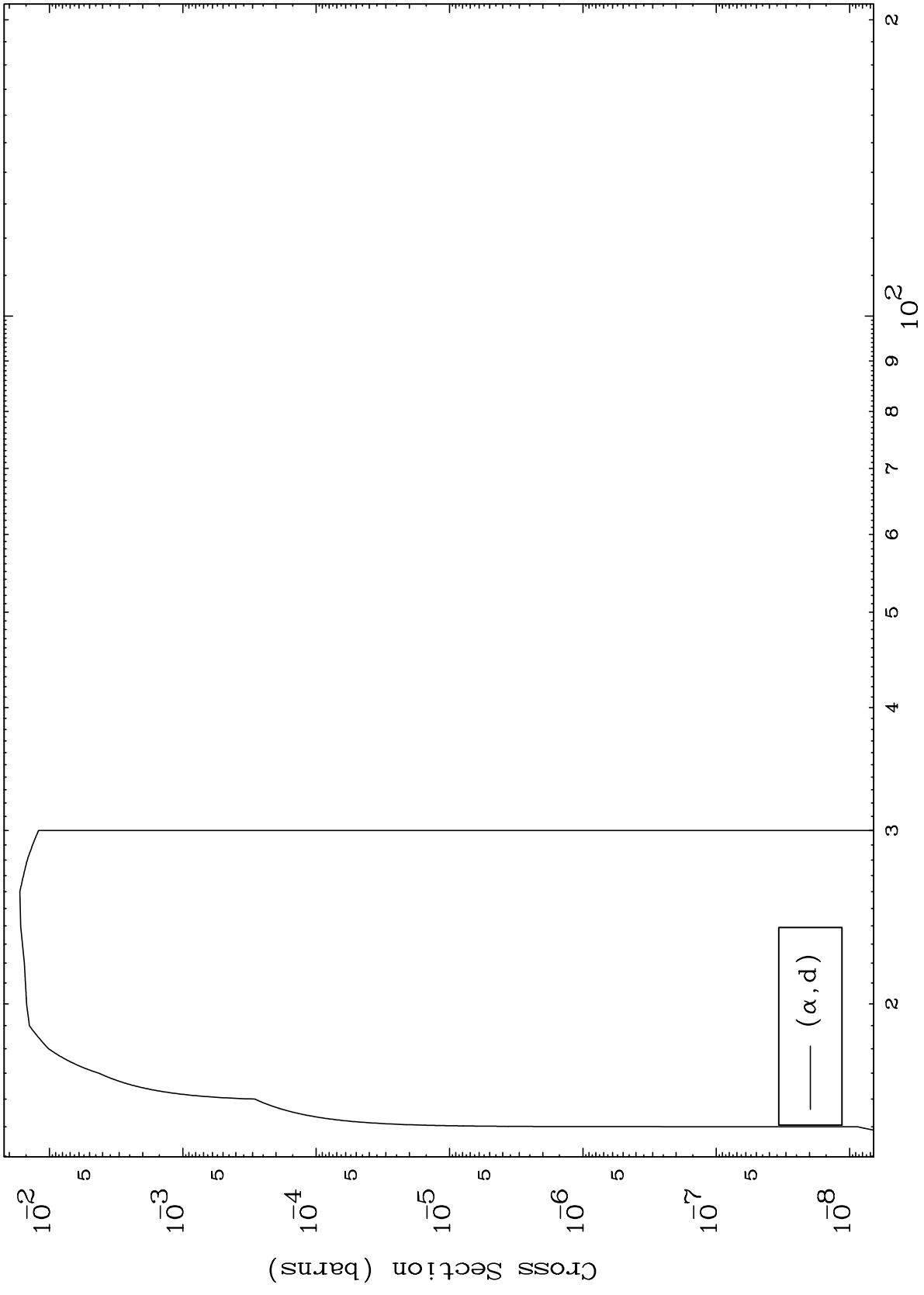
Incident Energy (MeV)

12-Mg-24

MAT 1225

(α, d) Levels
0 Kelvin Cross Sections

12-Mg-24



7

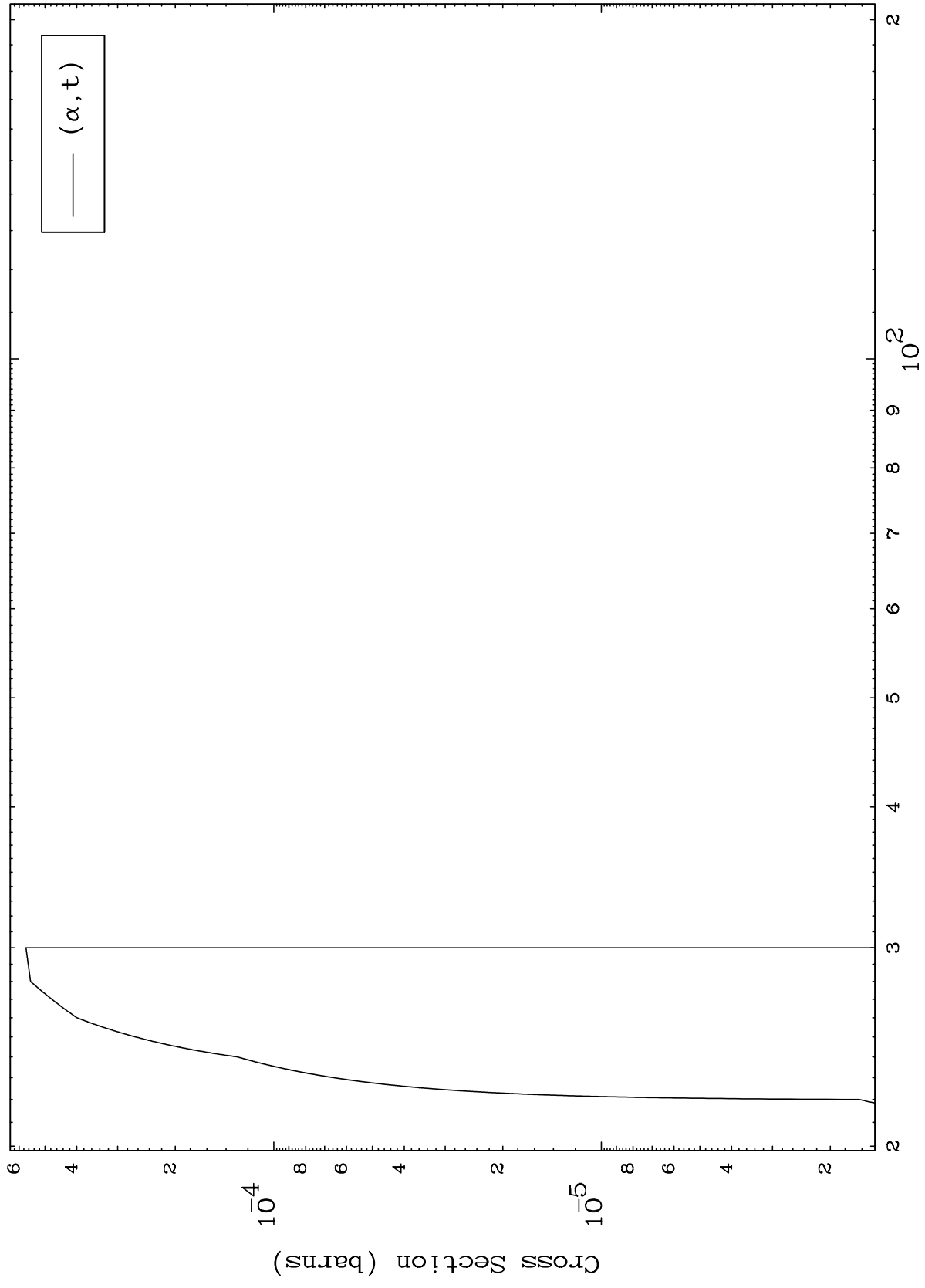
Incident Energy (MeV)

12-Mg-24

MAT 1225

(α, t) Levels
0 Kelvin Cross Sections

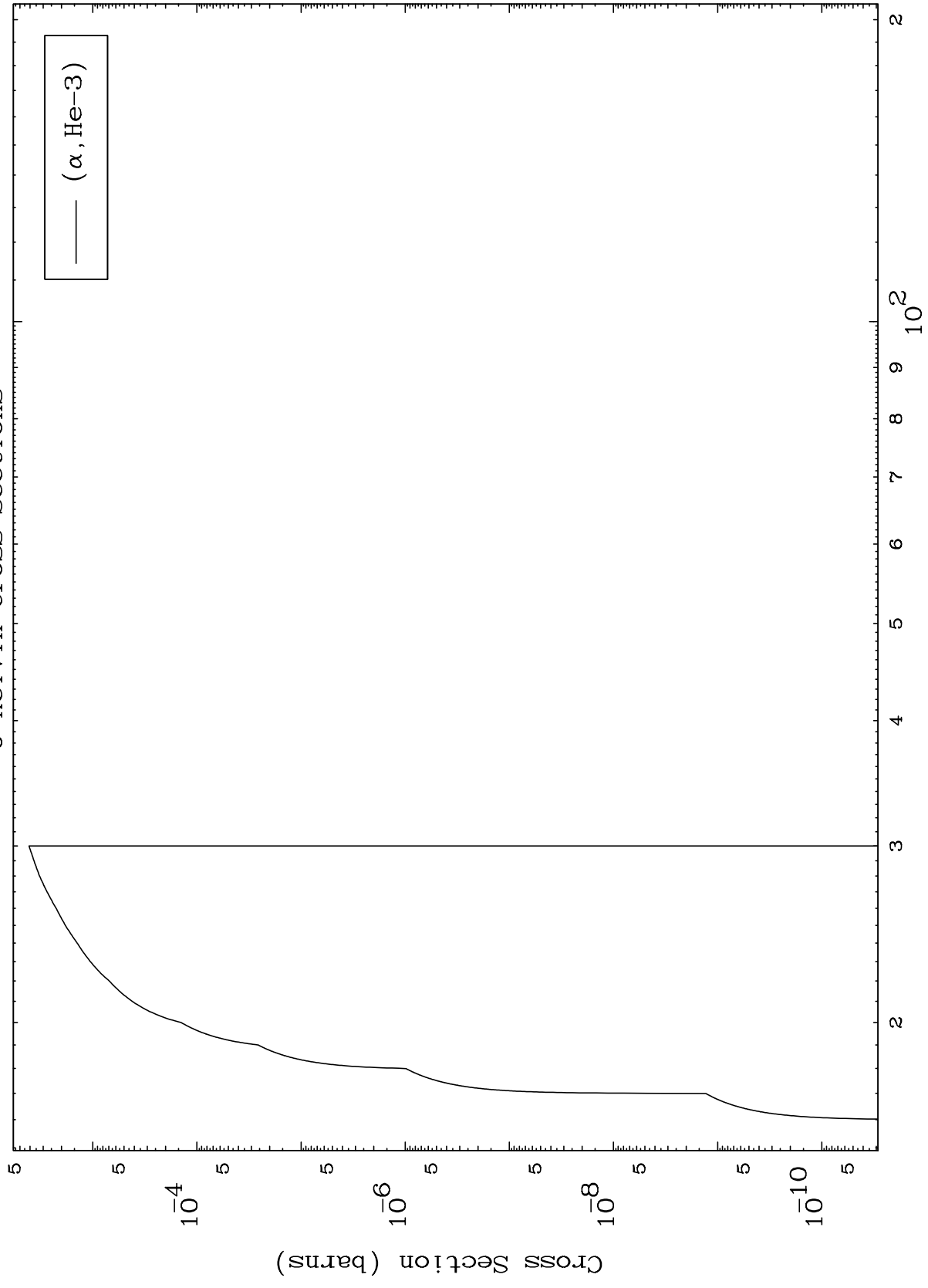
12-Mg-24



8

Incident Energy (MeV)

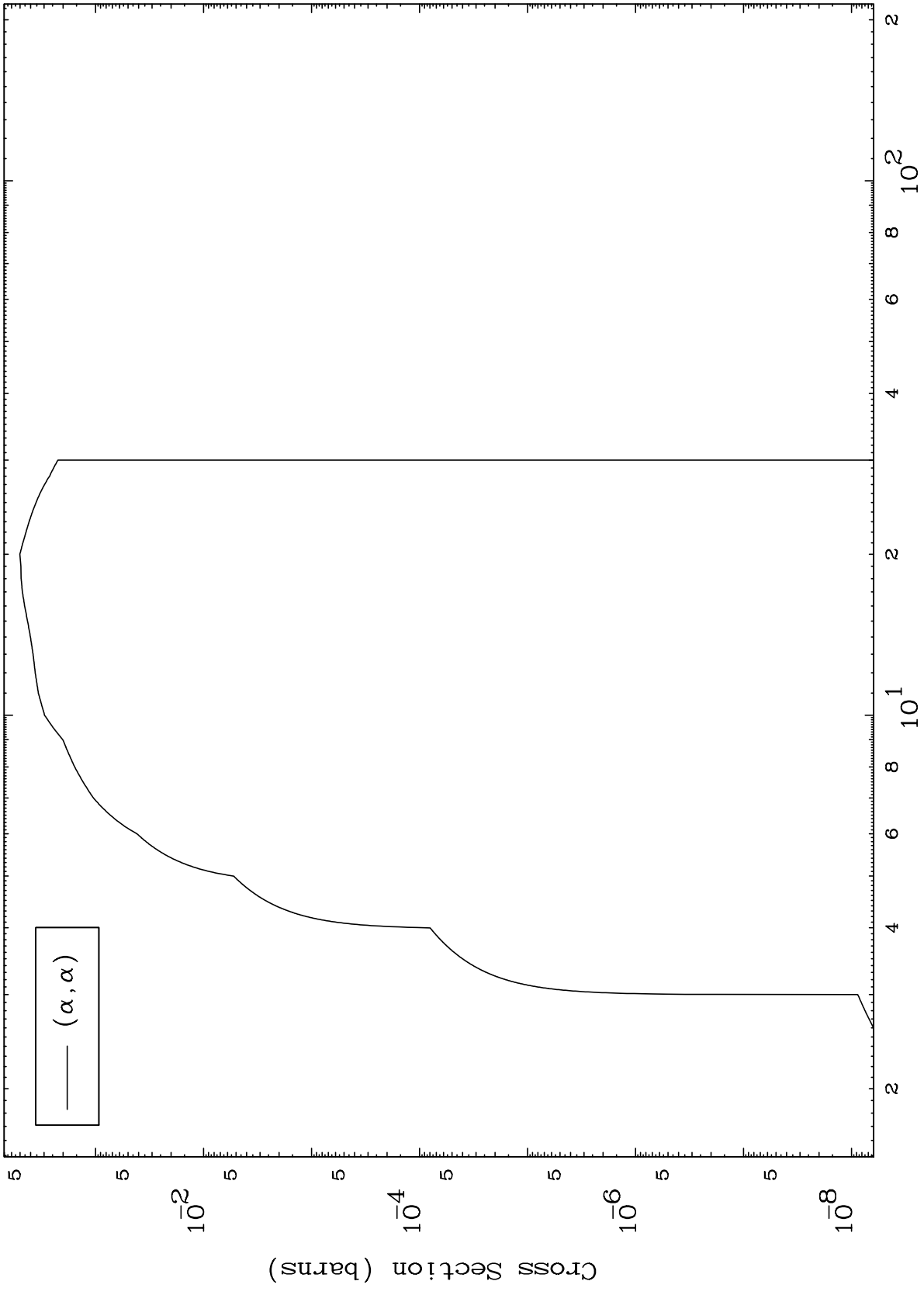
12-Mg-24



MAT 1225

(α, α) Levels
0 Kelvin Cross Sections

12-Mg-24



10

Incident Energy (MeV)

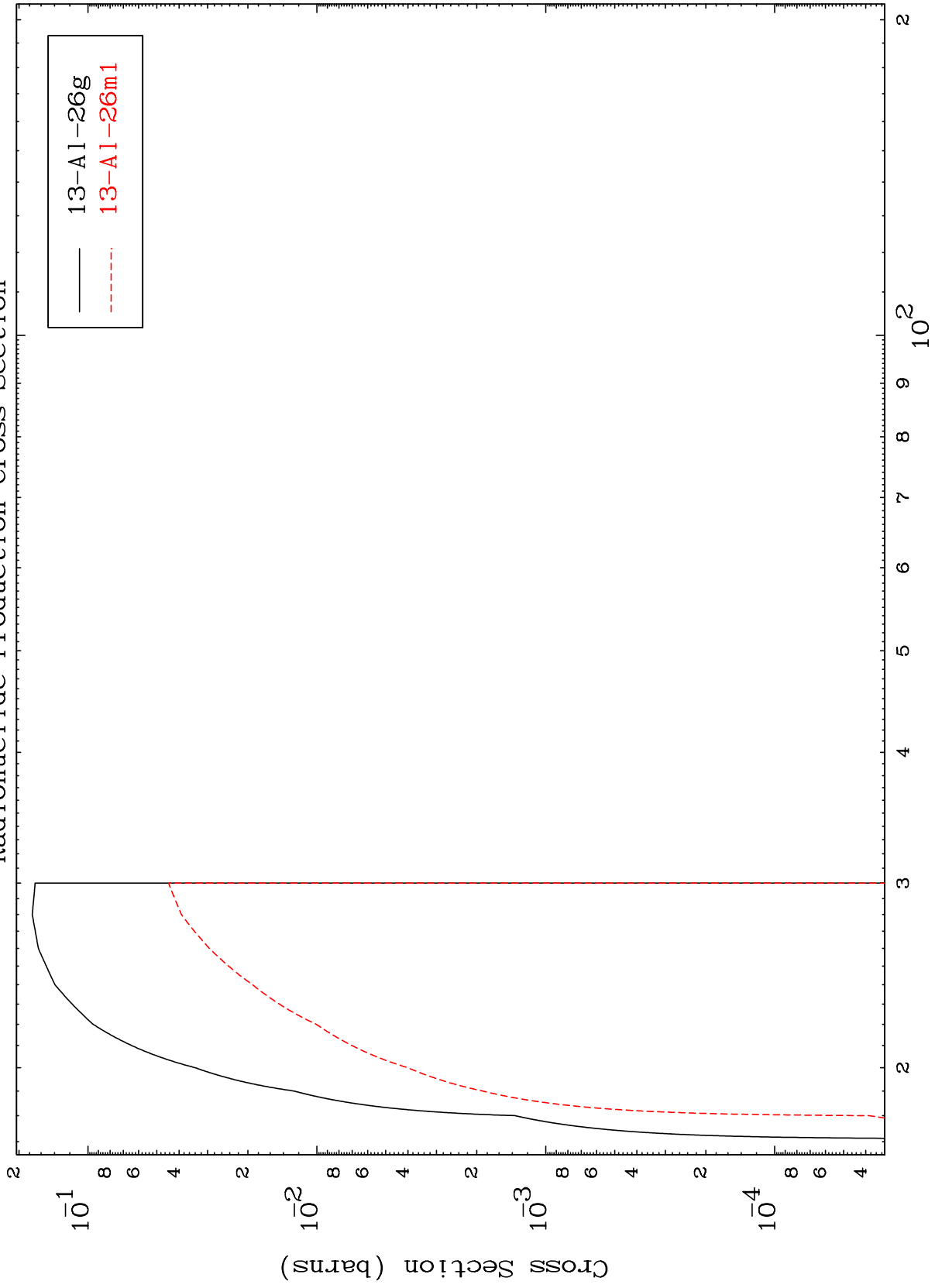
12-Mg-24

MAT 1225

(α, n') p

12-Mg-24

Radionuclide Production Cross Section



11

Incident Energy (MeV)

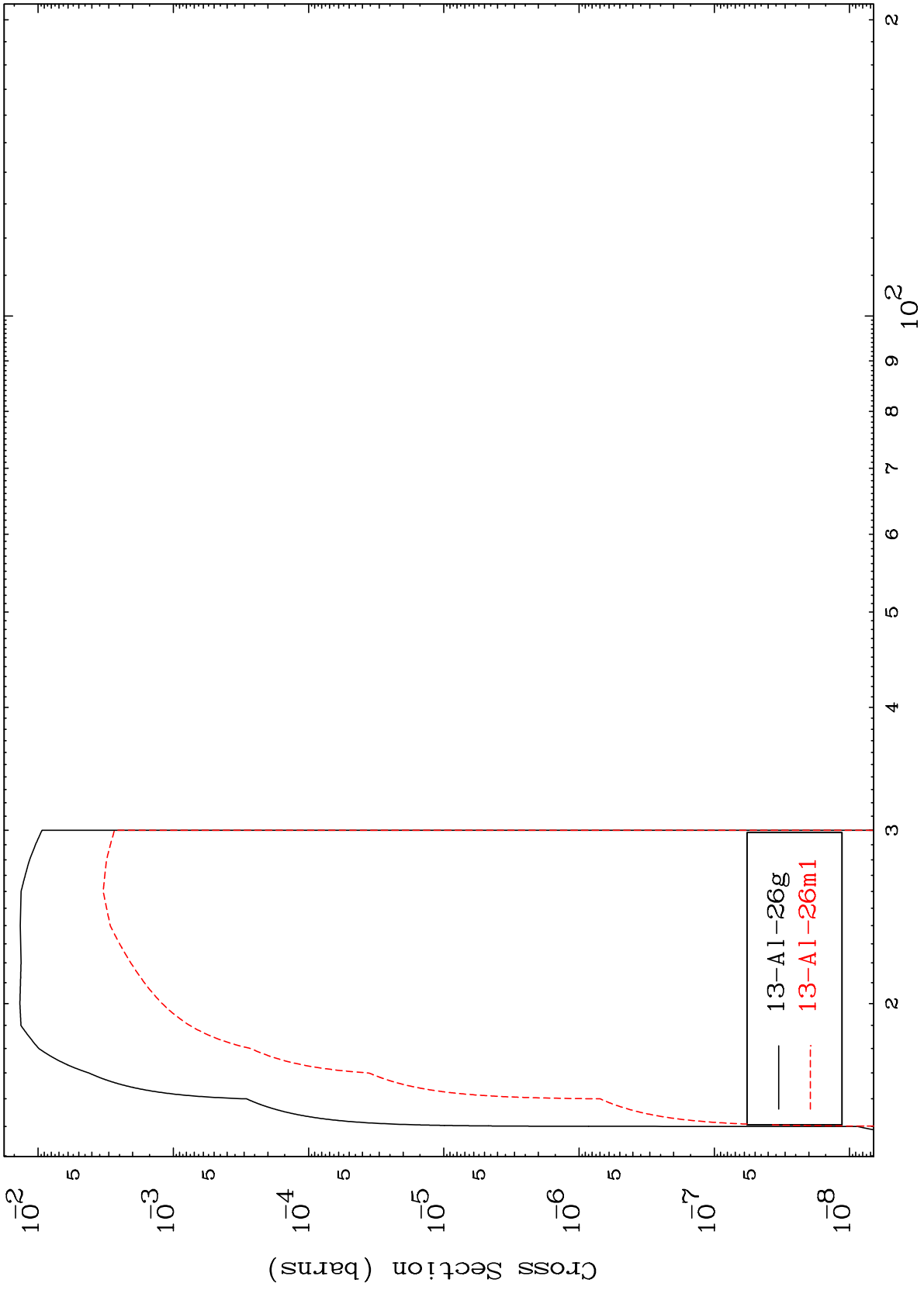
12-Mg-24

MAT 1225

(α, d)

12-Mg-24

Radionuclide Production Cross Section



12

Incident Energy (MeV)

12-Mg-24