

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

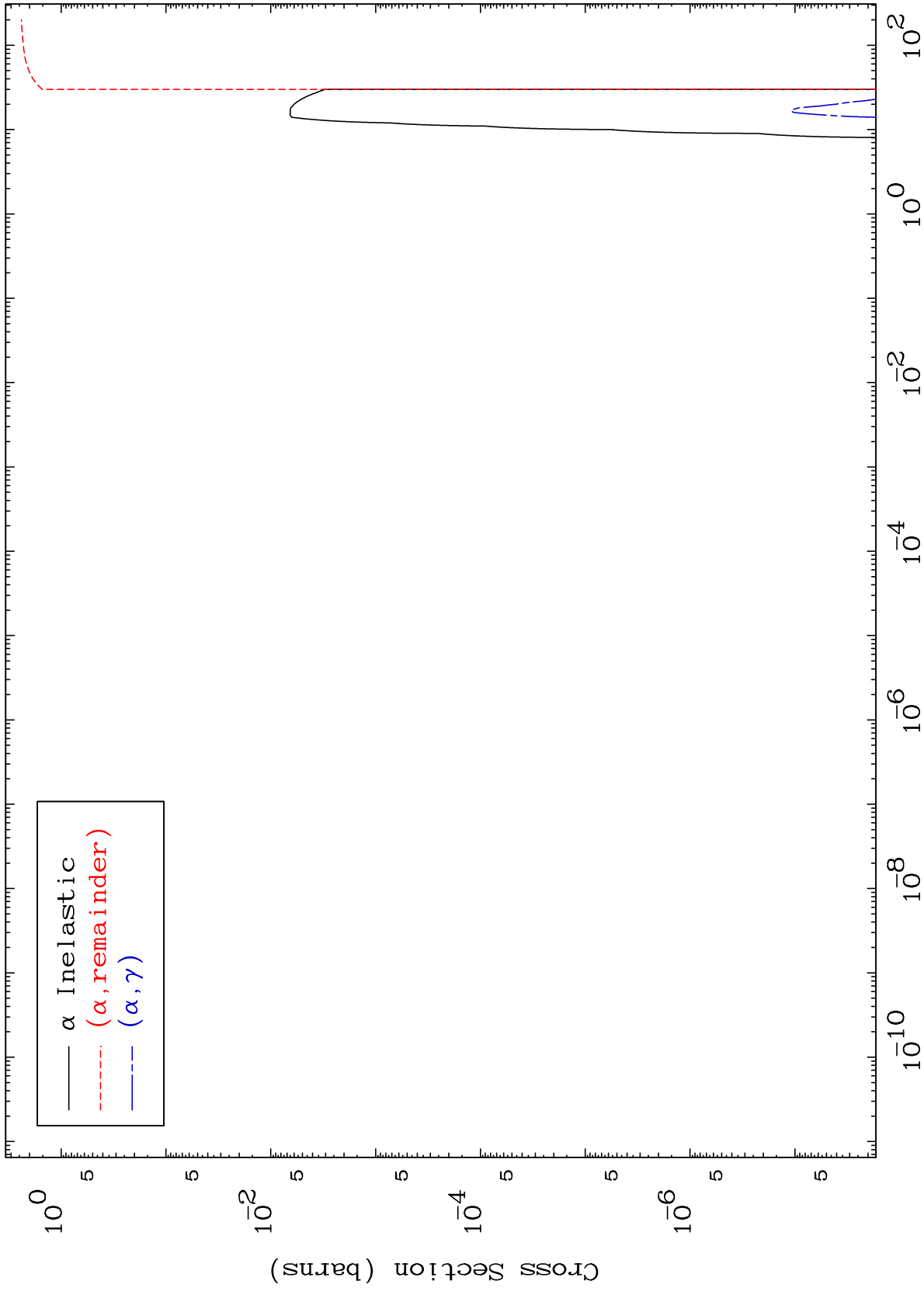
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5552

0 Kelvin α Major
Cross Sections

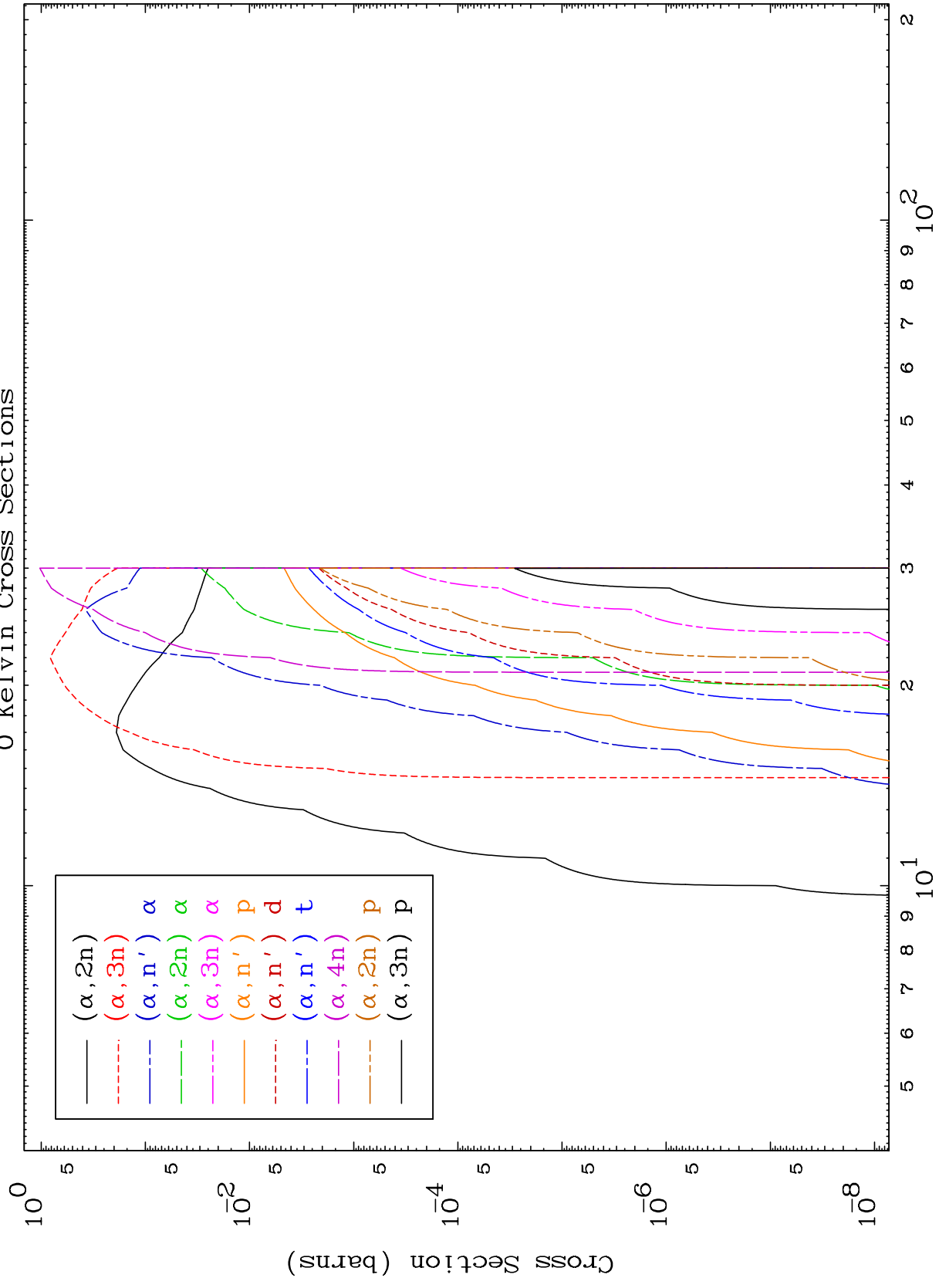
55-Cs-142



MAT 5552

α Neutron Production
0 Kelvin Cross Sections

55-Cs-142



2

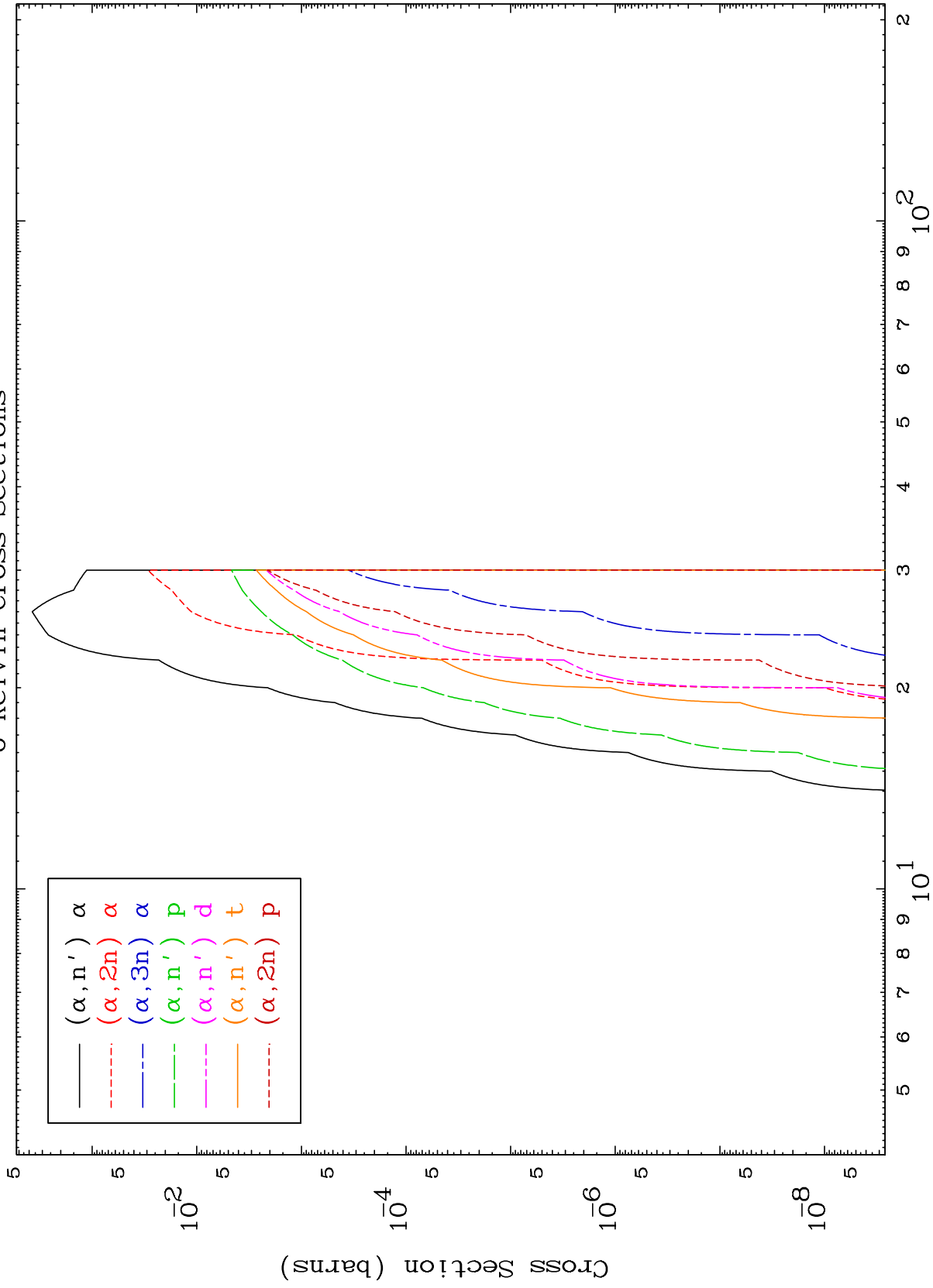
Incident Energy (MeV)

55-Cs-142

MAT 5552

α Charged Particle
0 Kelvin Cross Sections

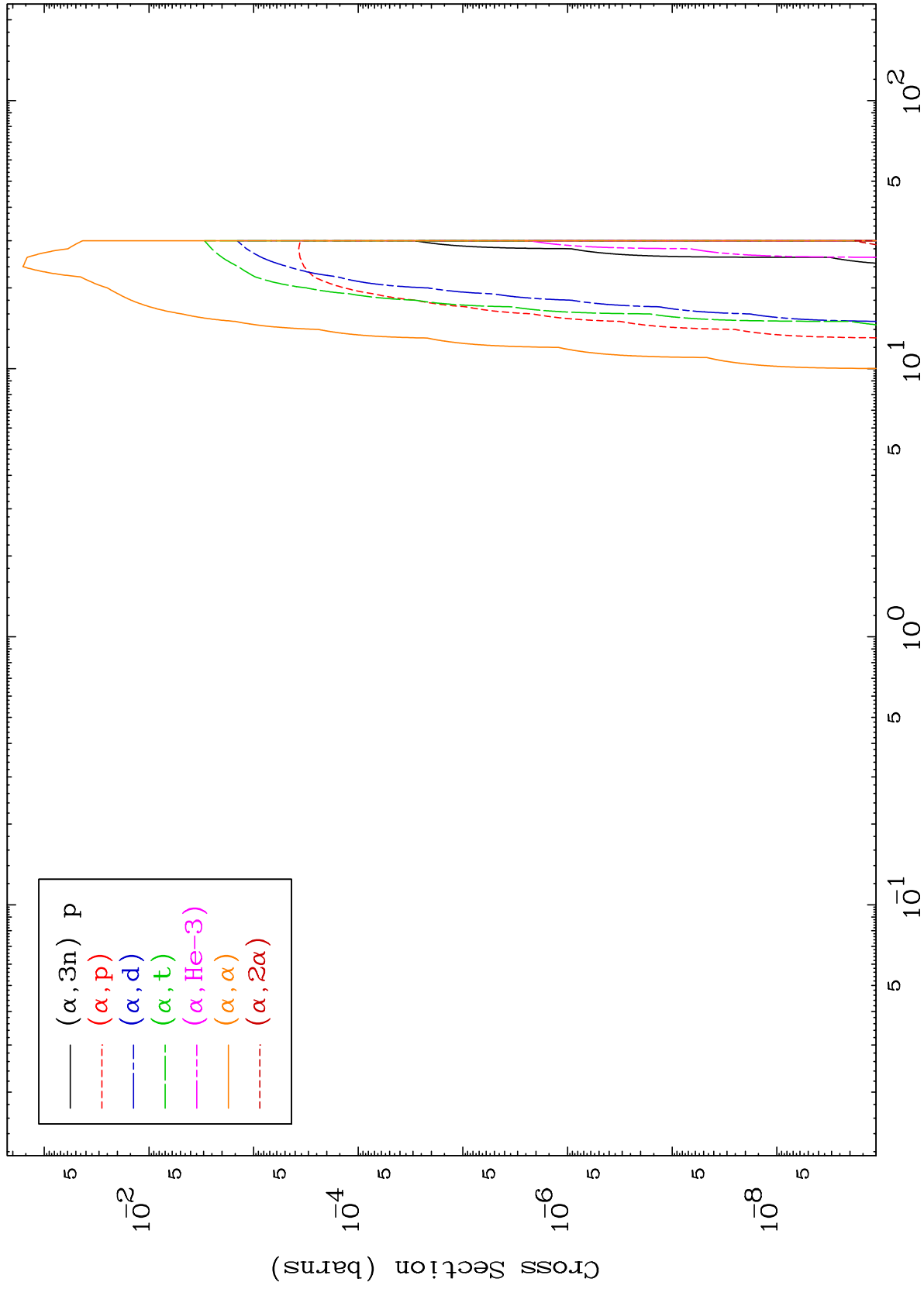
55-Cs-142



3

Incident Energy (MeV)

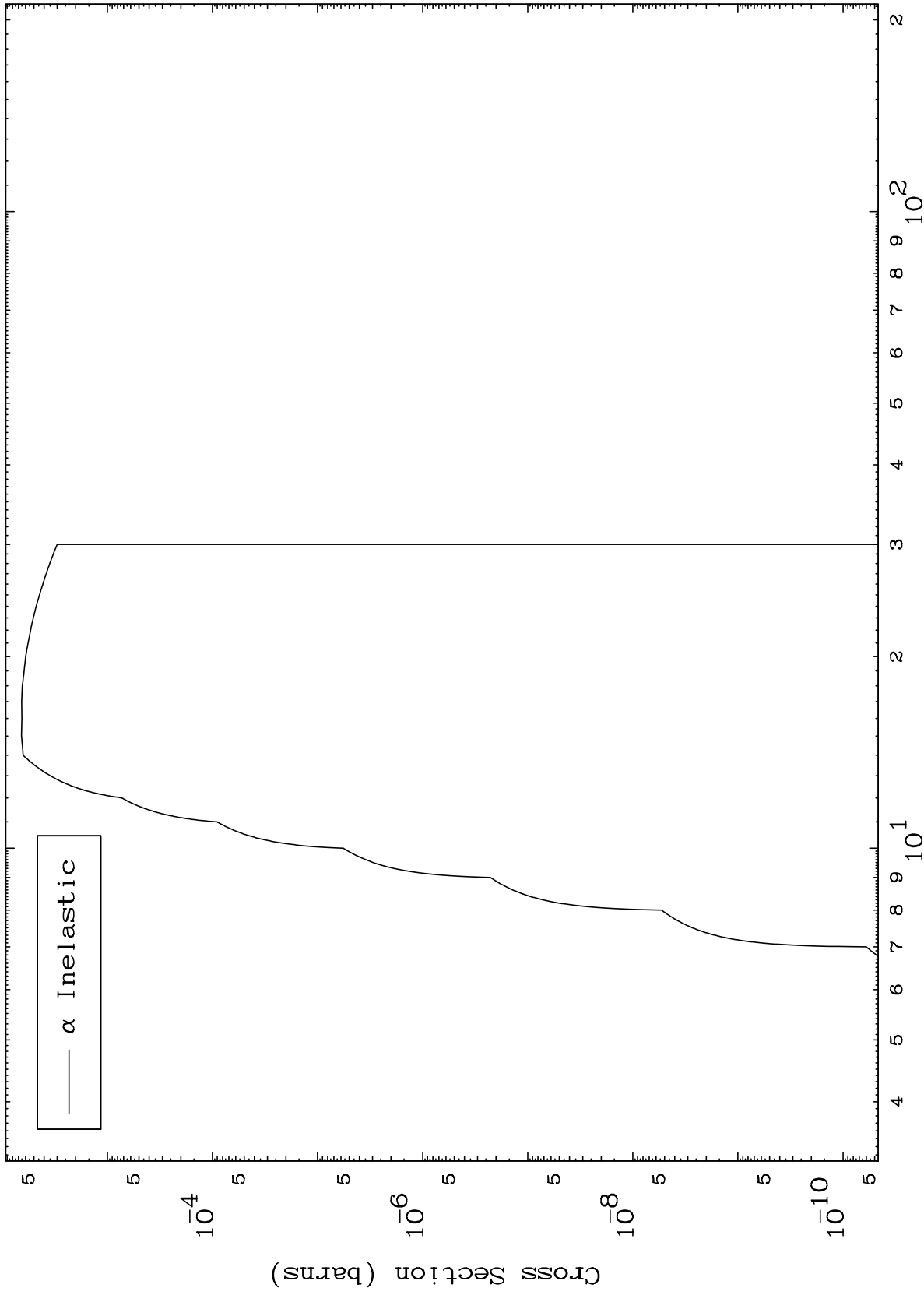
55-Cs-142



MAT 5552

(α, n') Level
0 Kelvin Cross Sections

55-Cs-142



5

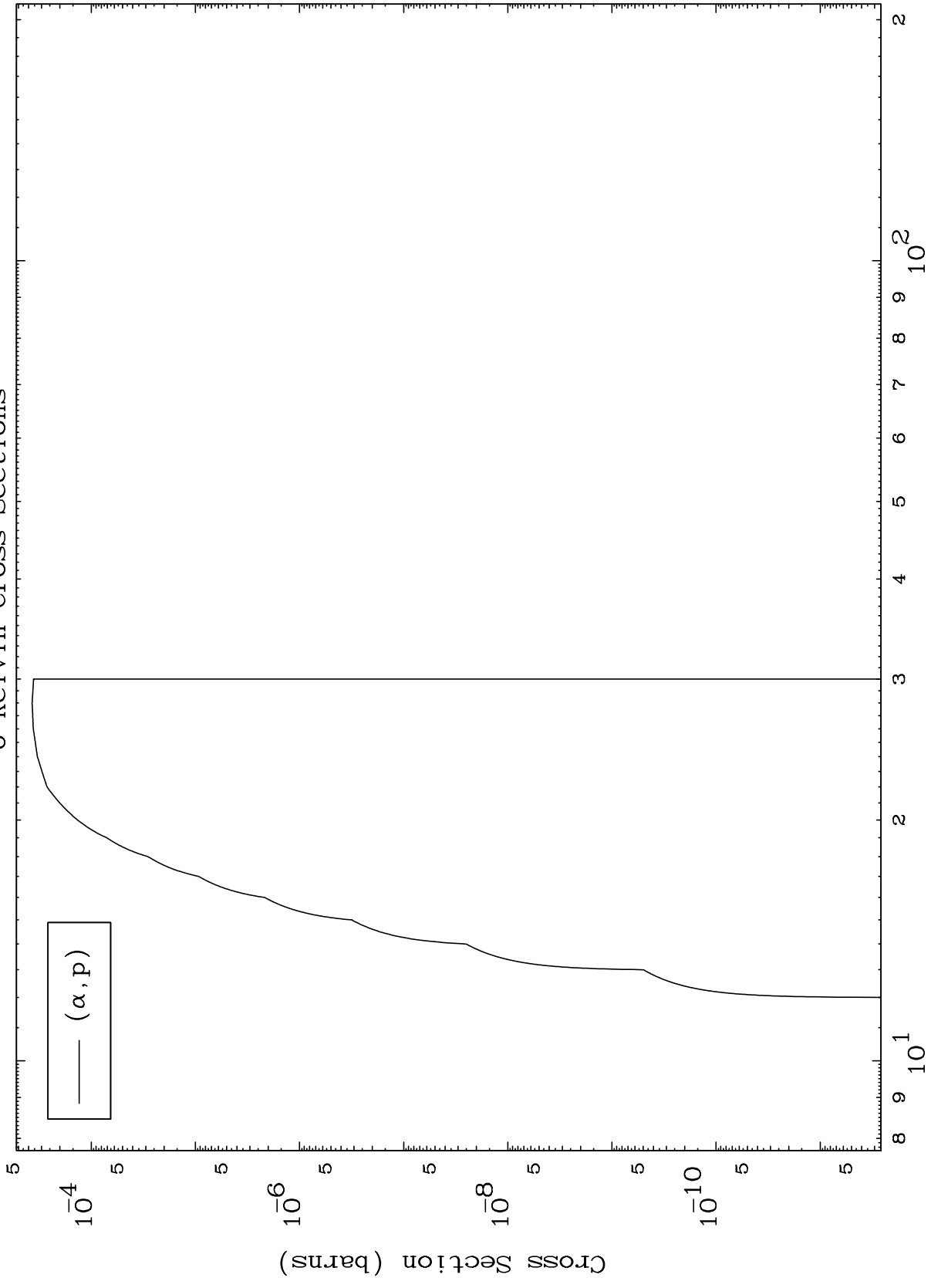
Incident Energy (MeV)

55-Cs-142

MAT 5552

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-142



6

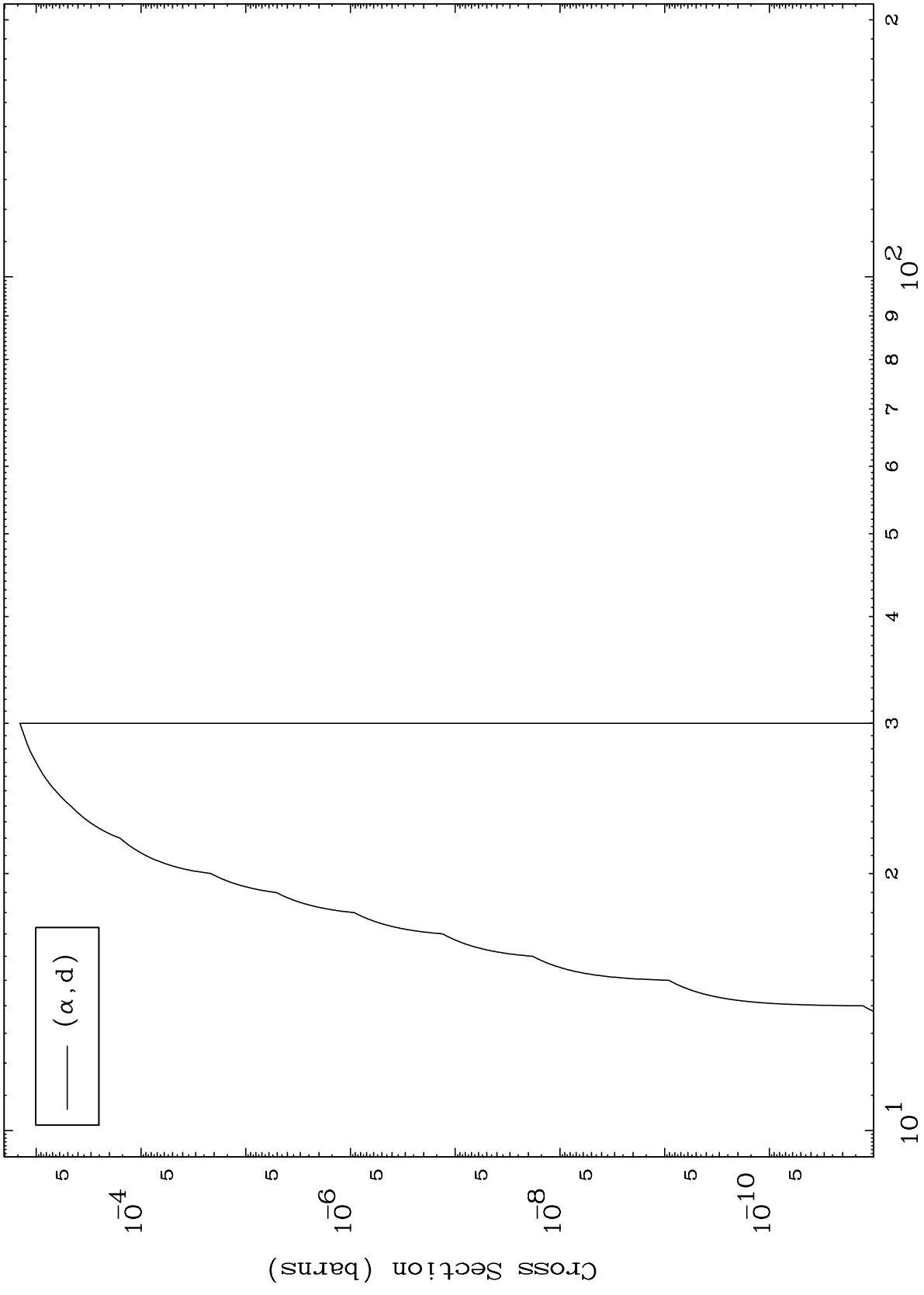
Incident Energy (MeV)

55-Cs-142

MAT 5552

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-142



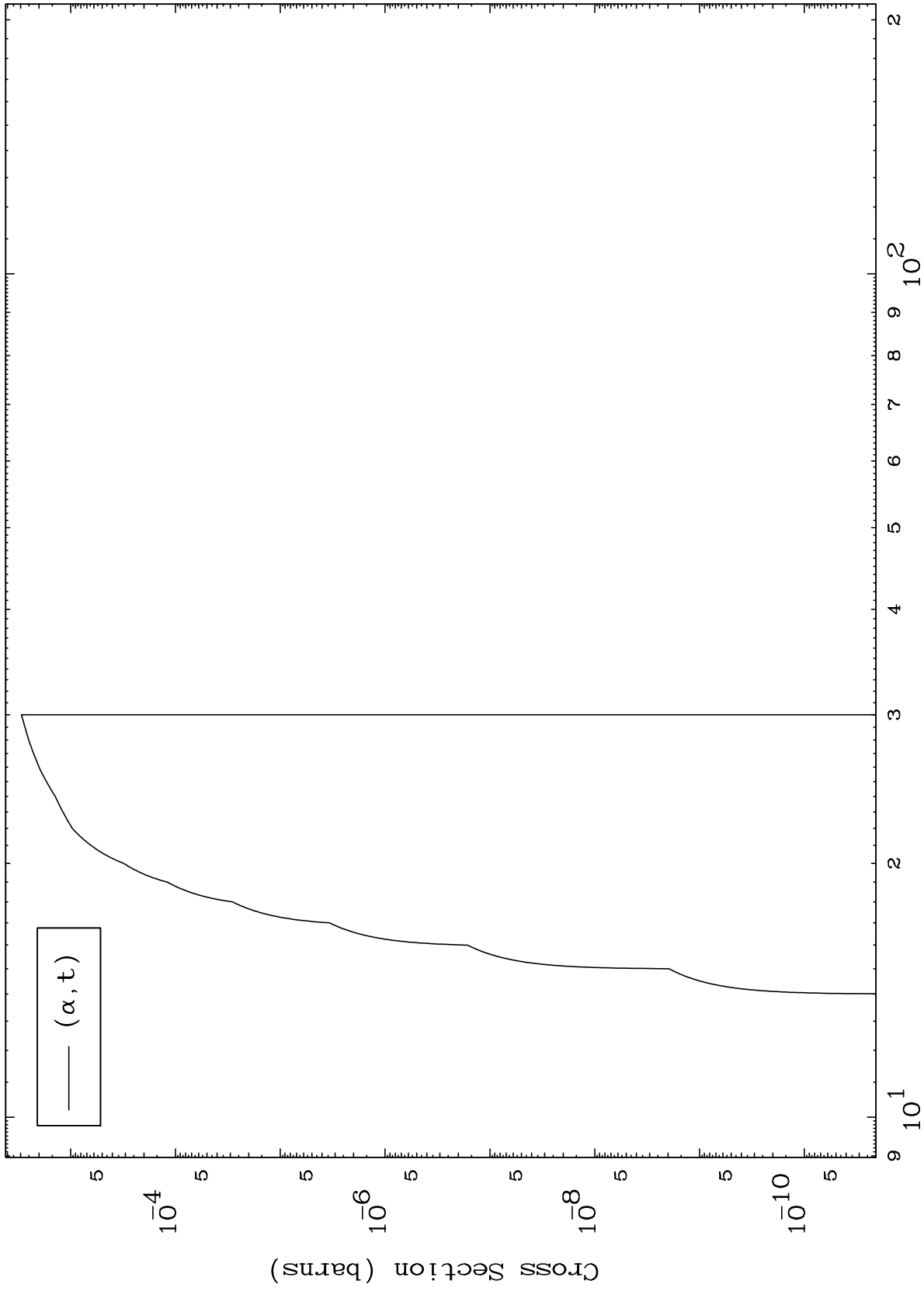
Incident Energy (MeV)

55-Cs-142

MAT 5552

(α, t) Levels
0 Kelvin Cross Sections

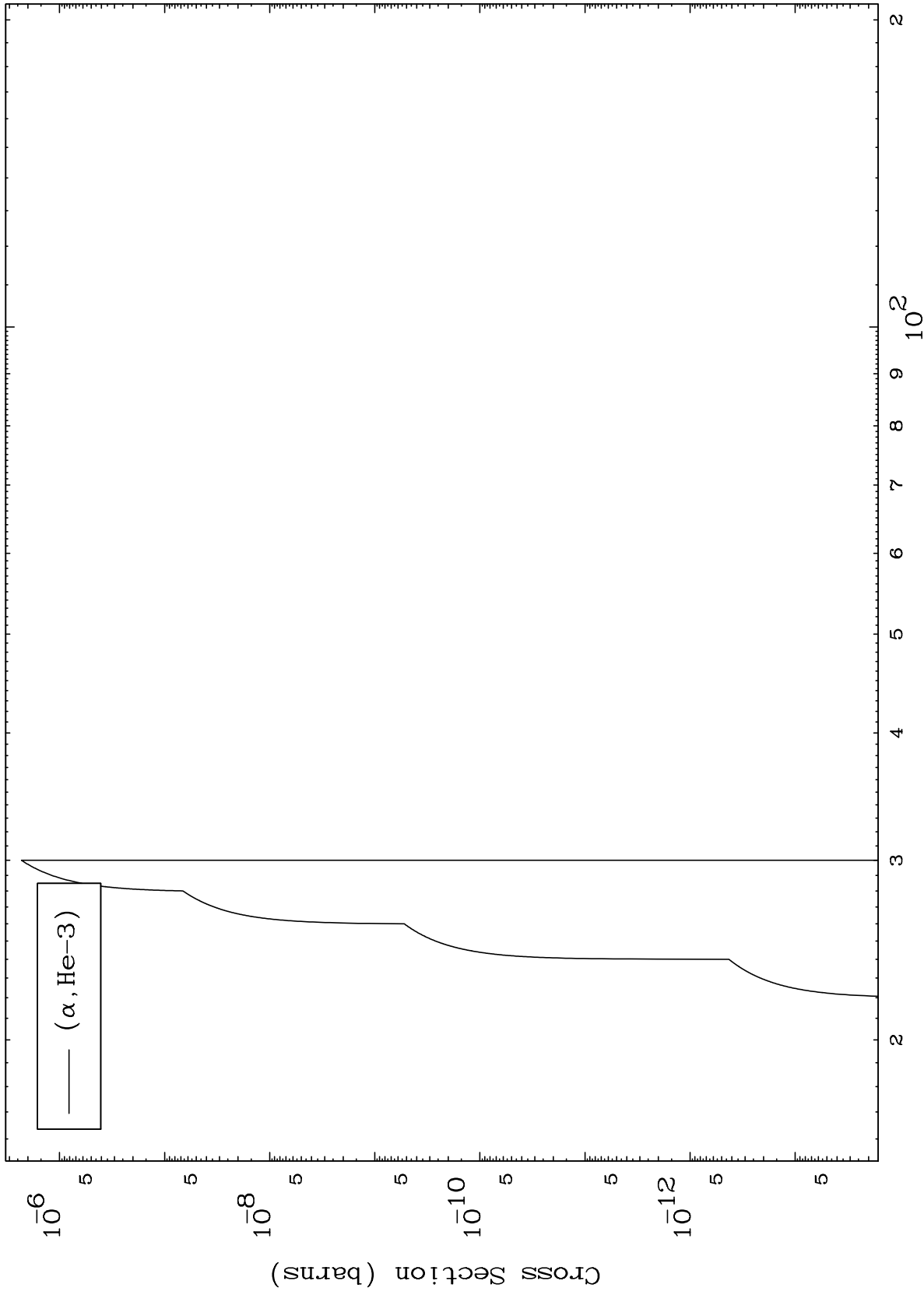
55-Cs-142



8

Incident Energy (MeV)

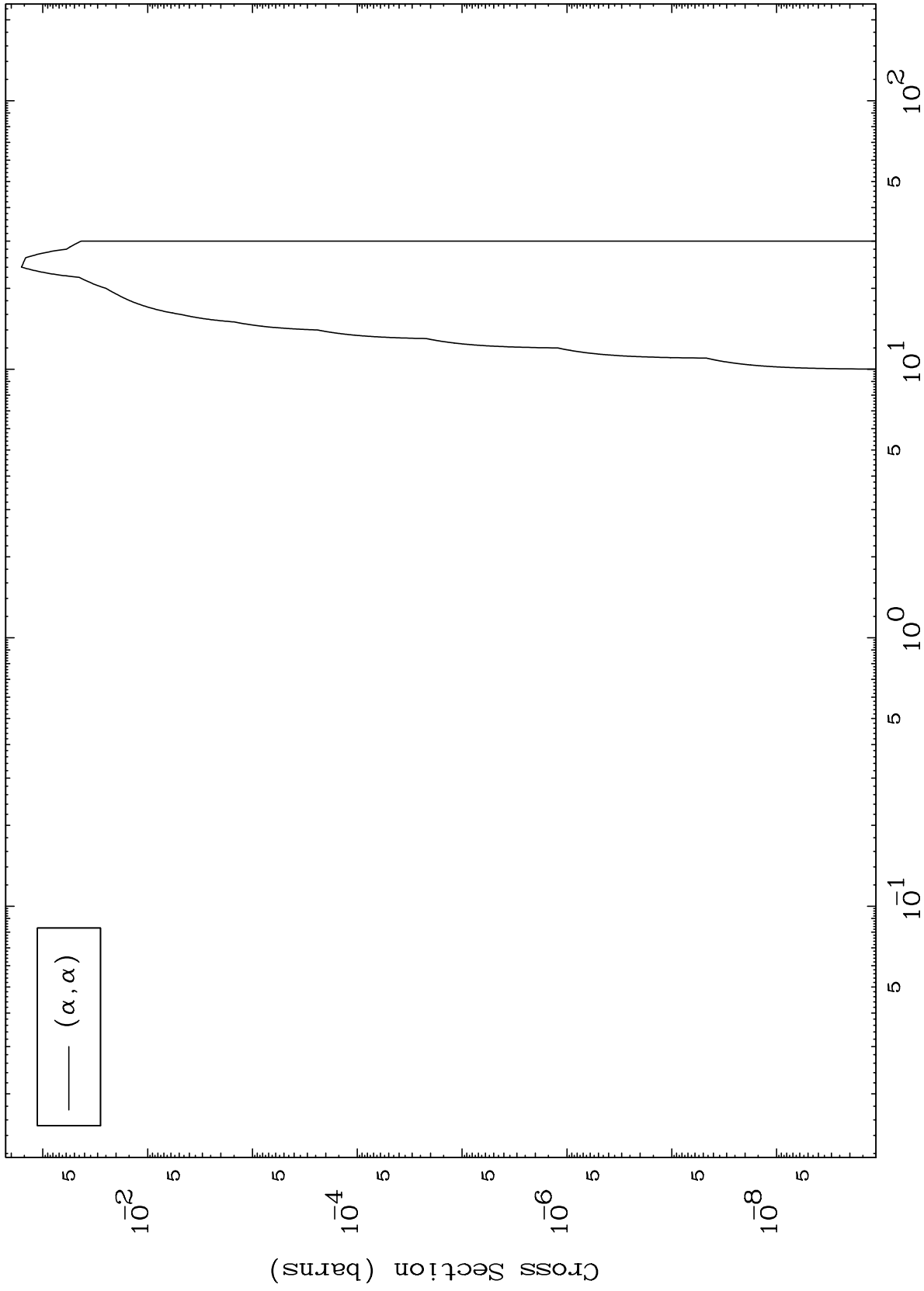
55-Cs-142



MAT 5552

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-142



10

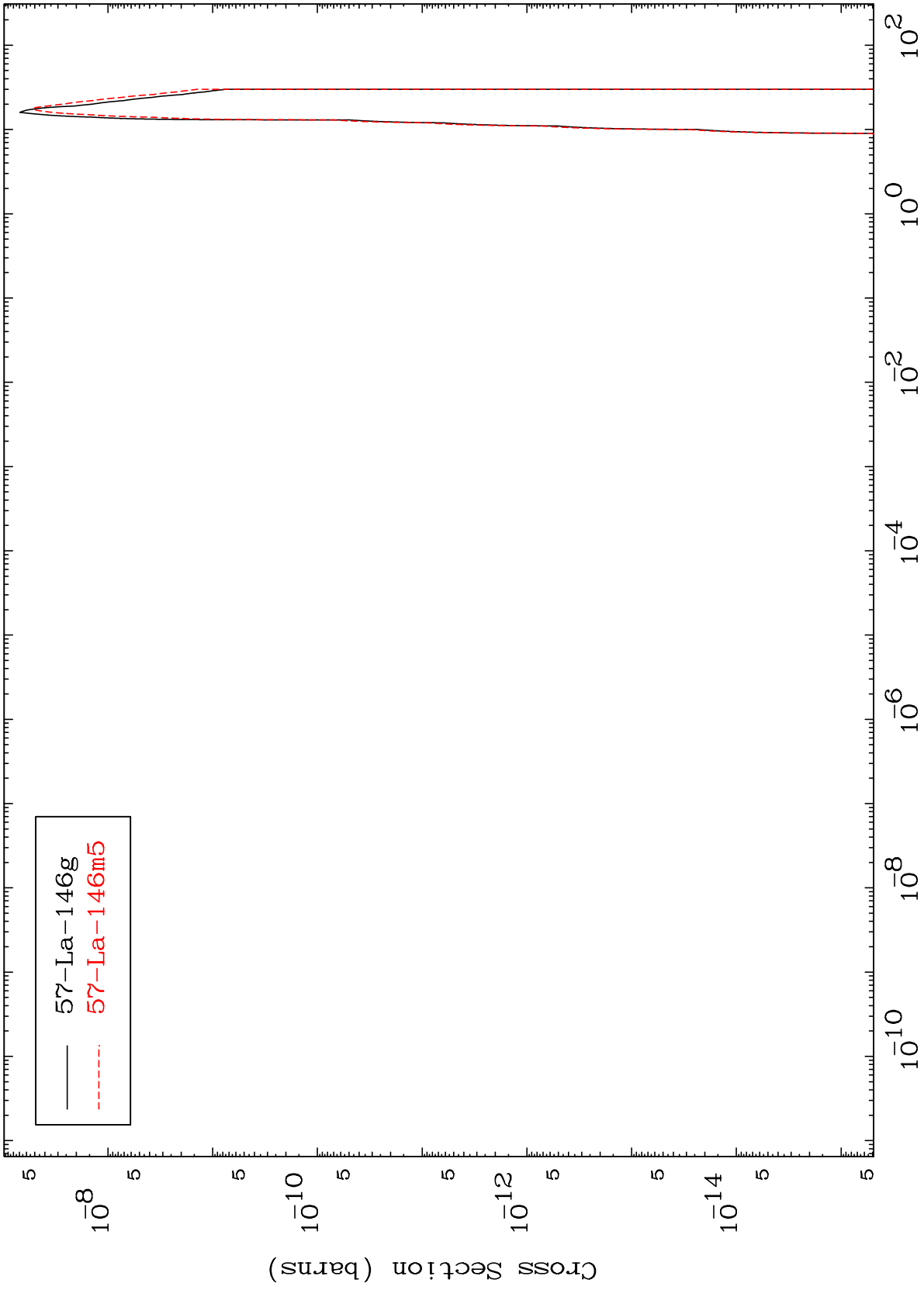
Incident Energy (MeV)

55-Cs-142

MAT 5552

(α, γ)
Radionuclide Production Cross Section

55-Cs-142



— 57-La-146g
- - - 57-La-146m5