

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

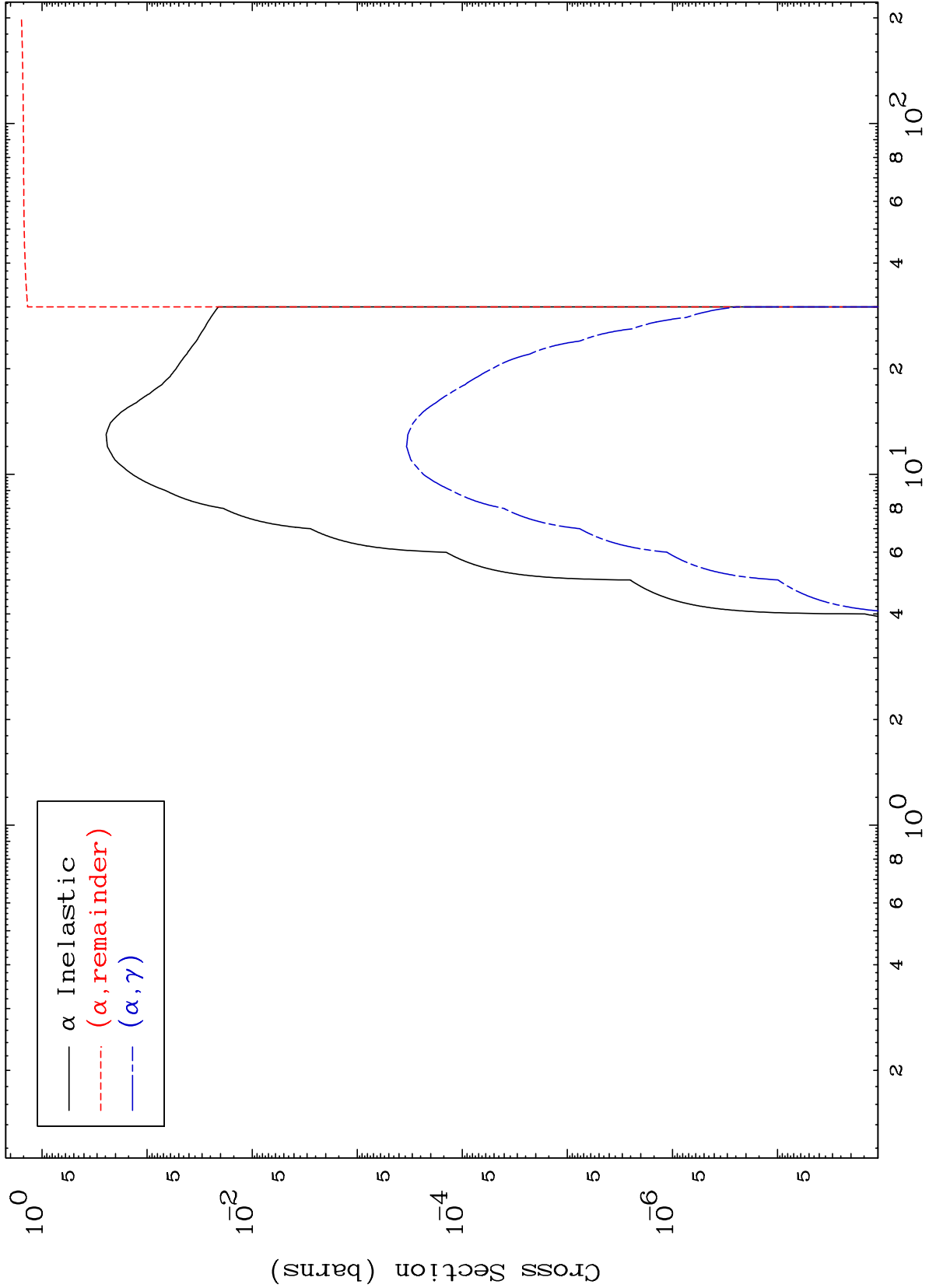
Press Mouse Button to Start

MAT 2722

α Major

27-Co-58

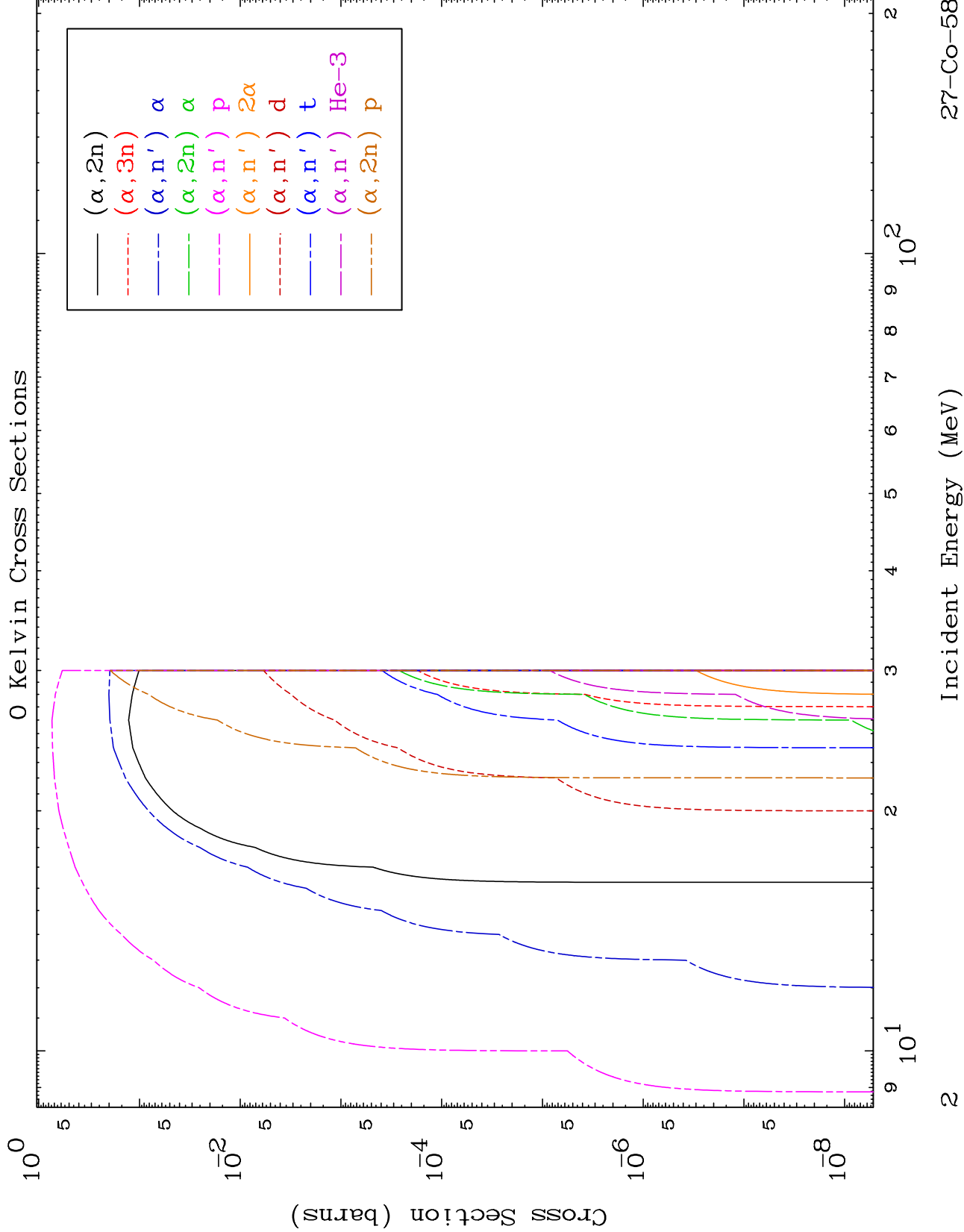
0 Kelvin Cross Sections



MAT 2722

α Neutron Production
0 Kelvin Cross Sections

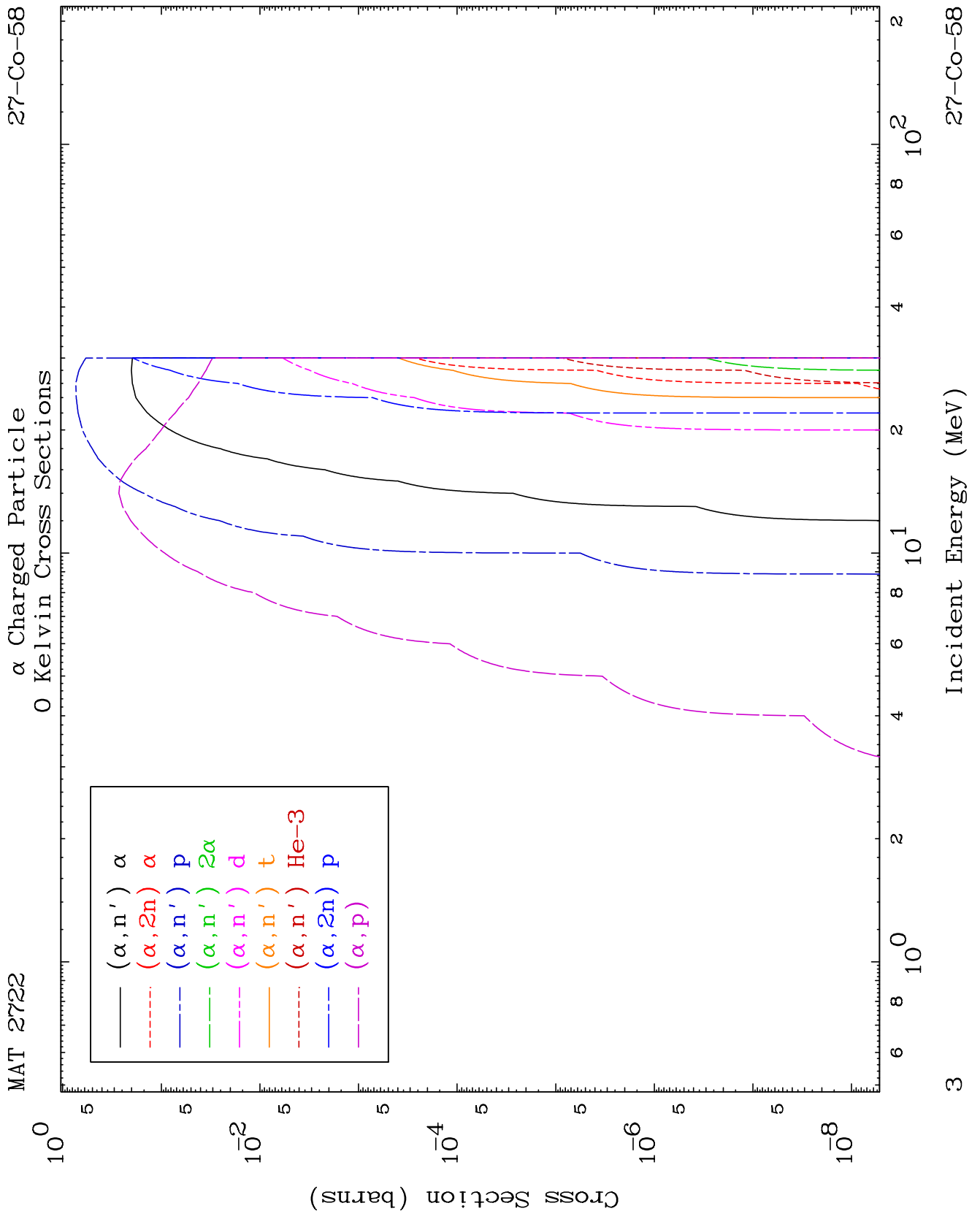
27-Co-58

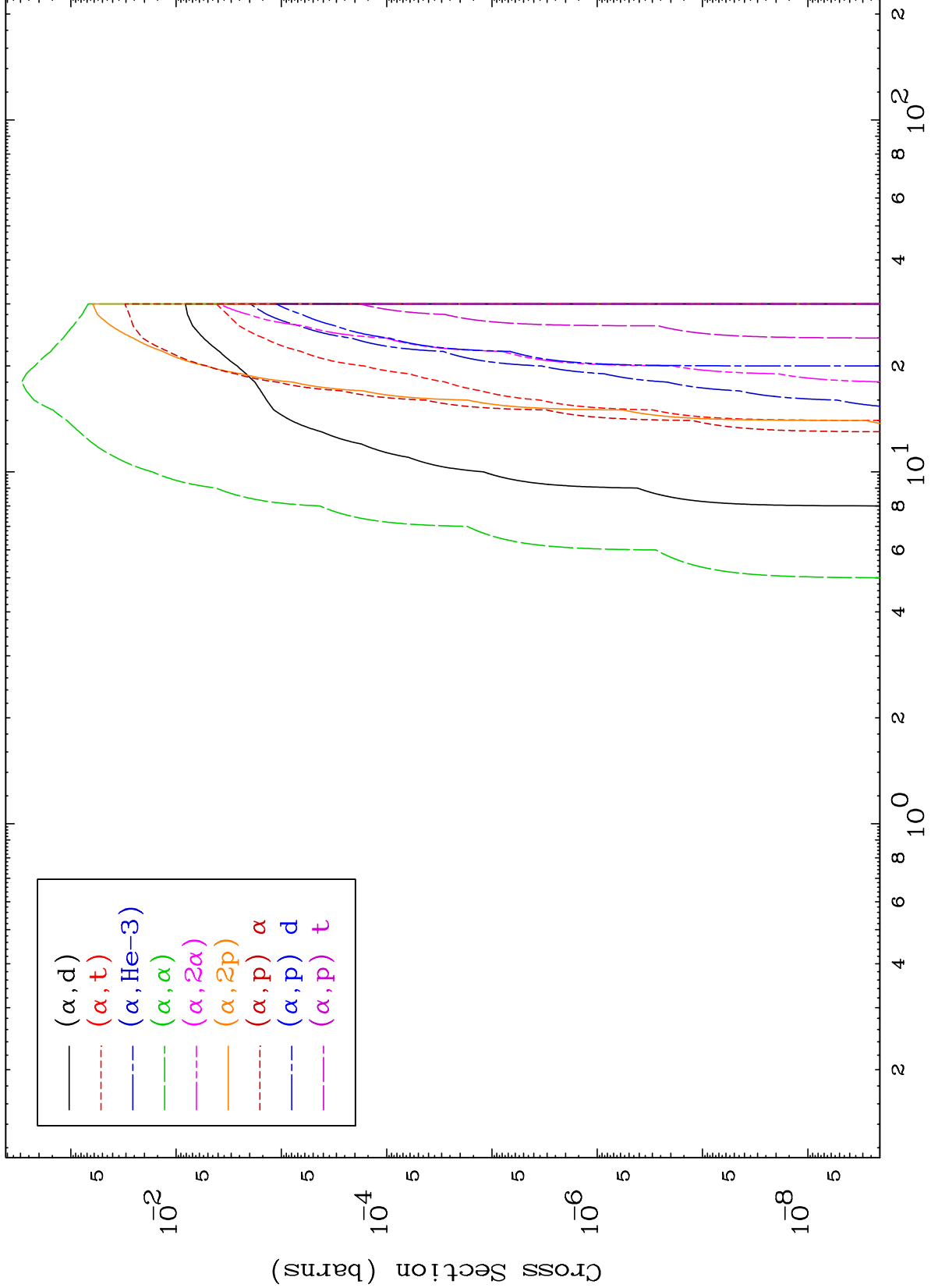


27-Co-58

Incident Energy (MeV)

2



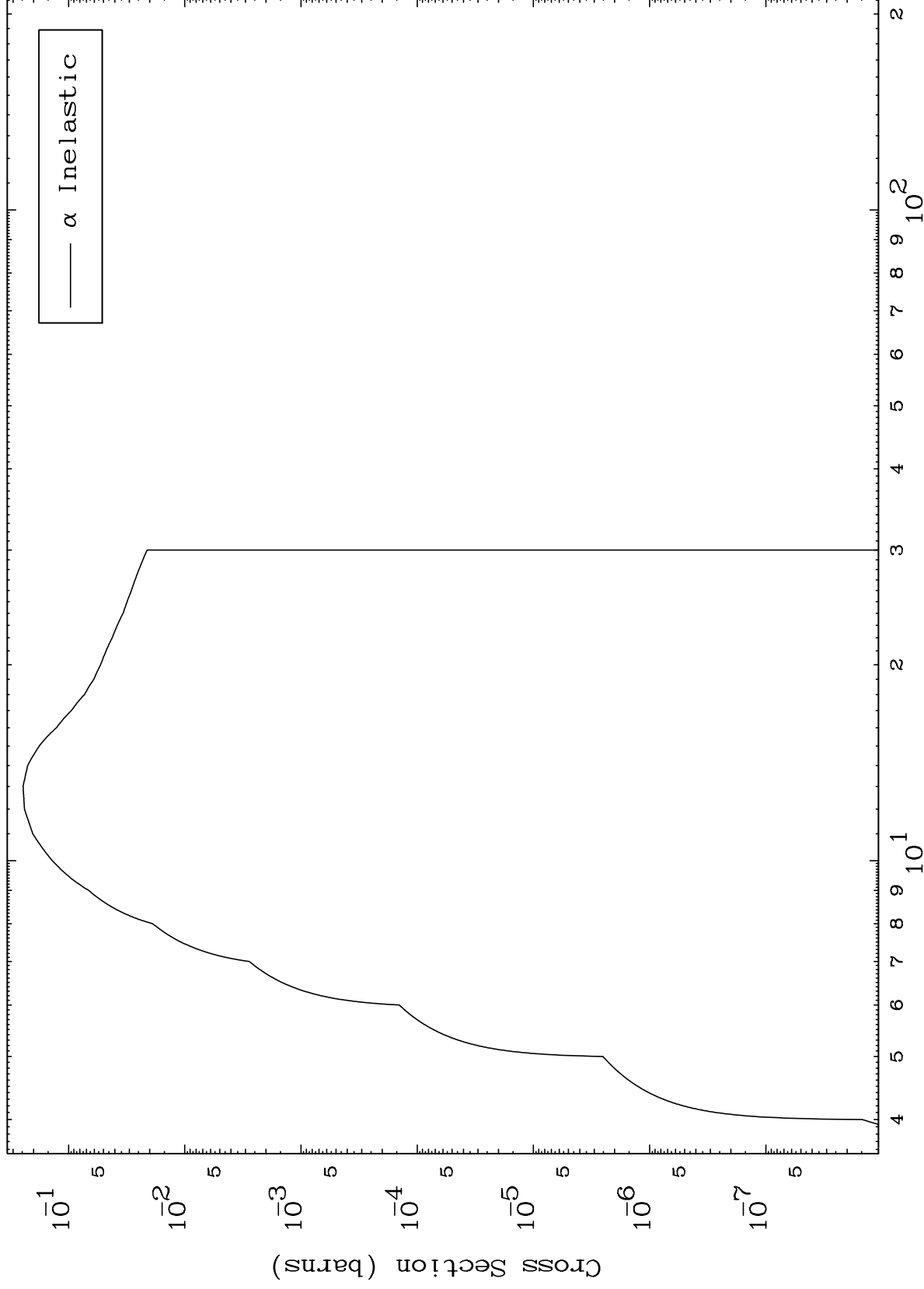


MAT 2722

(α, n') Level

27-Co-58

0 Kelvin Cross Sections



5

Incident Energy (MeV)

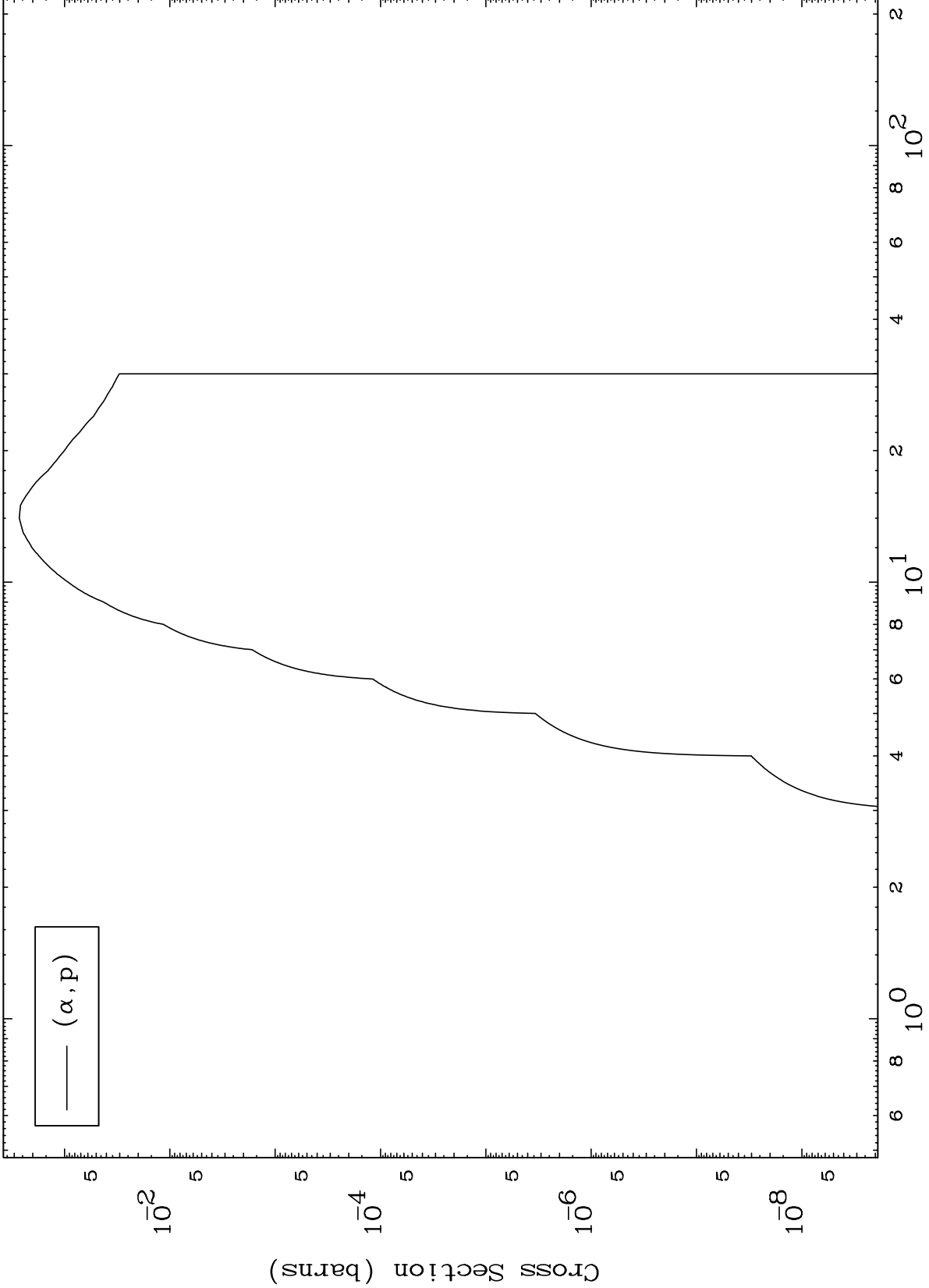
27-Co-58

MAT 2722

(α, p) Levels

27-Co-58

0 Kelvin Cross Sections



6

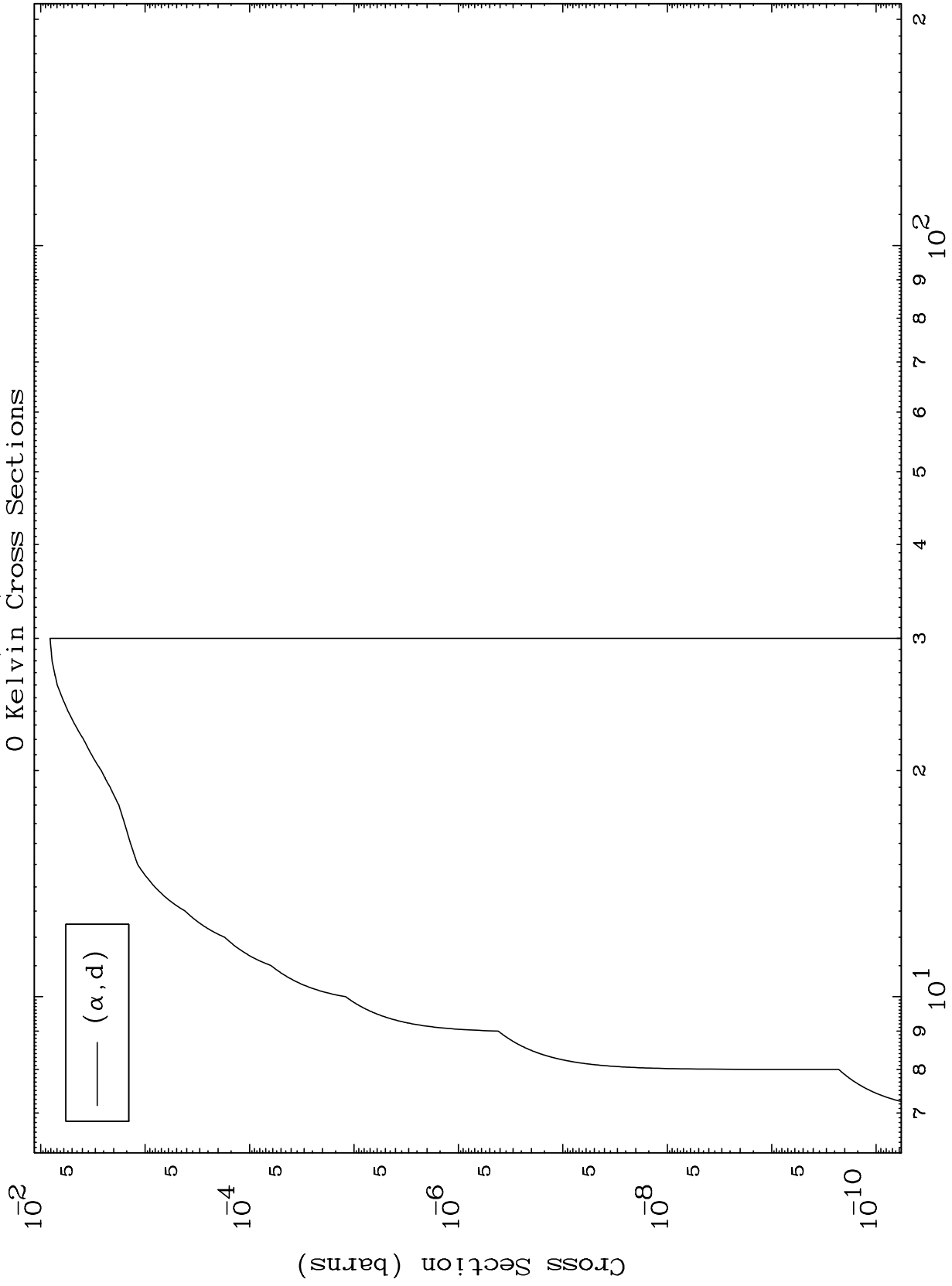
Incident Energy (MeV)

27-Co-58

MAT 2722

(α, d) Levels

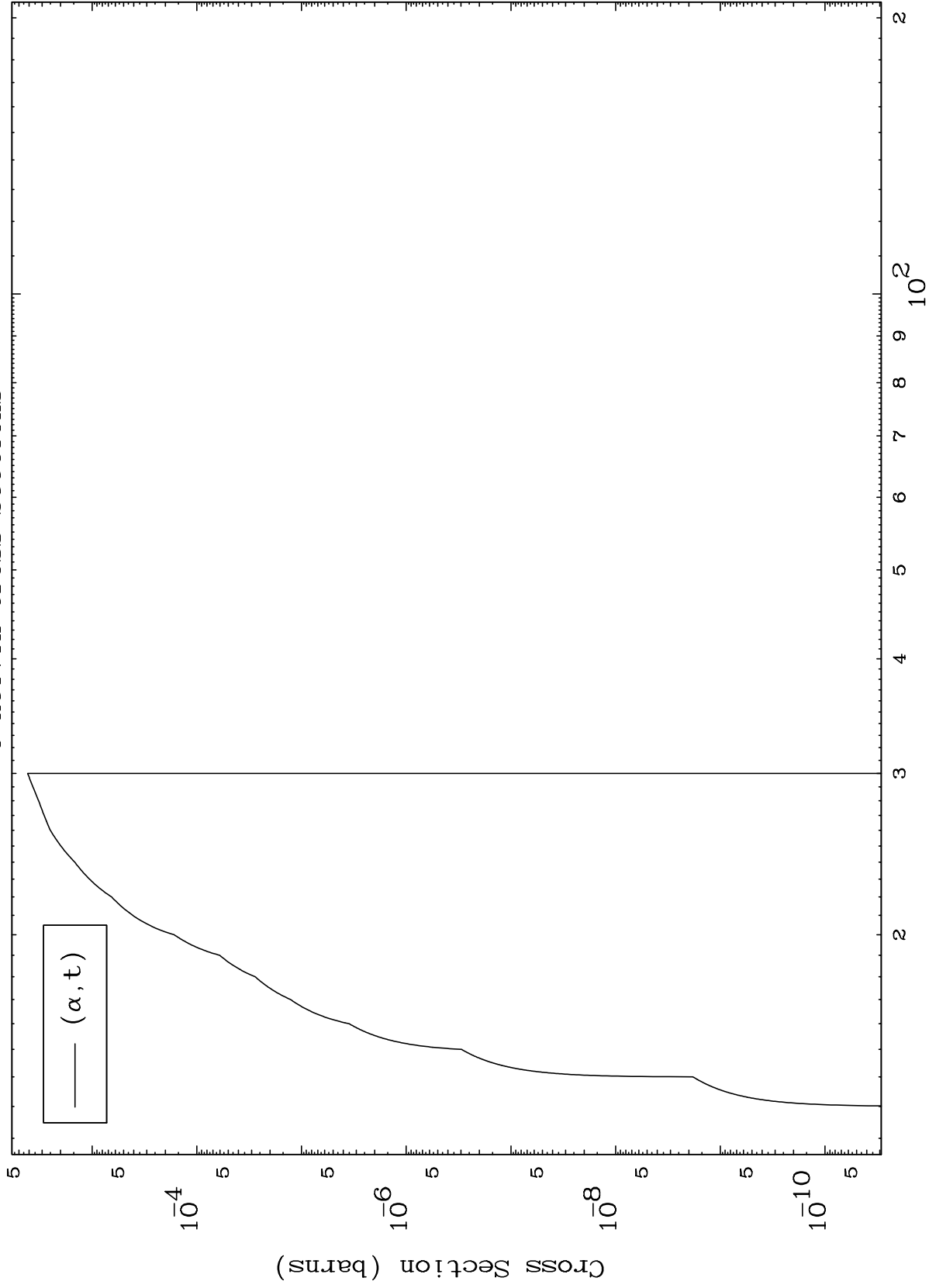
27-Co-58



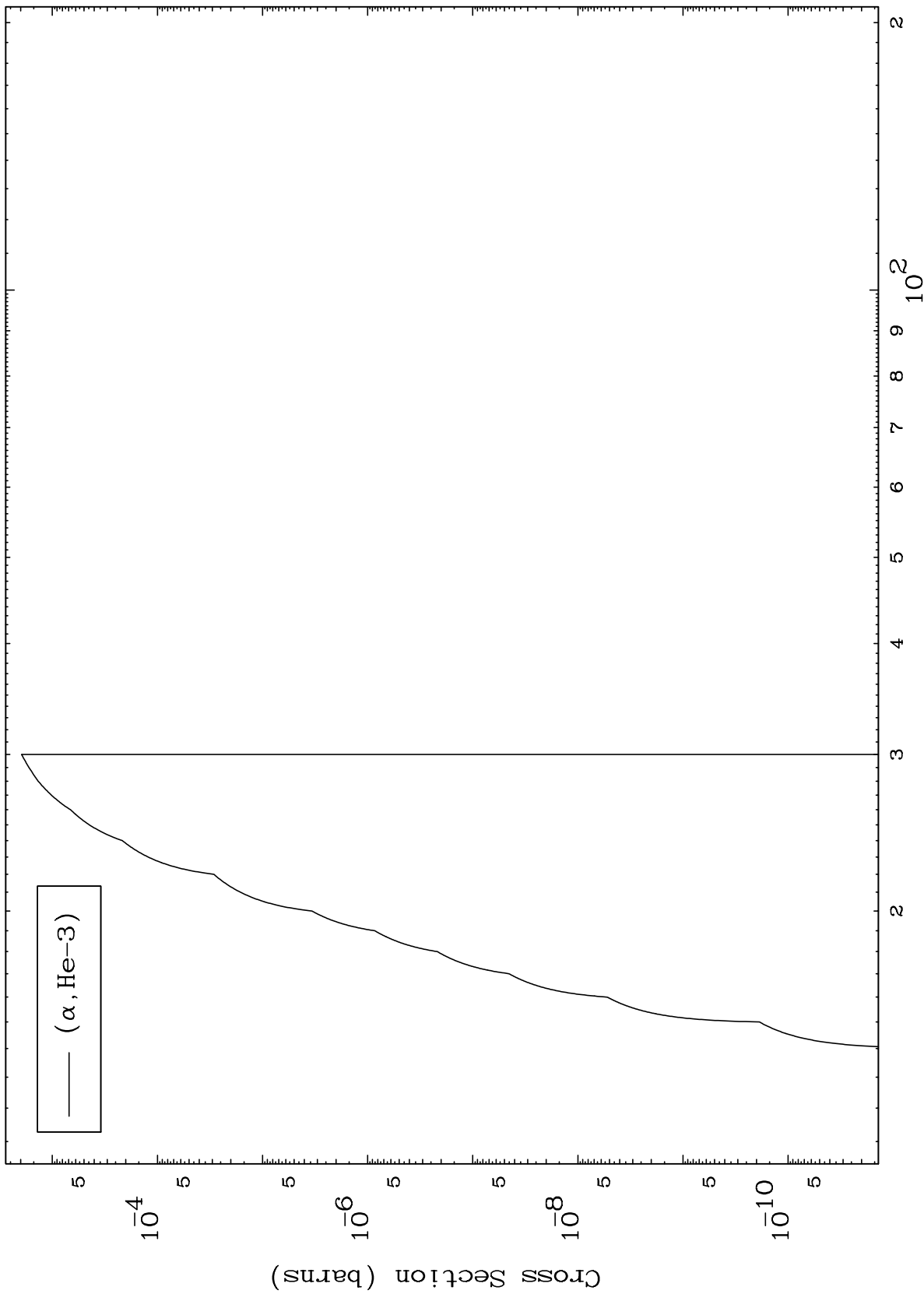
7

Incident Energy (MeV)

27-Co-58



(α , He3) Levels
0 Kelvin Cross Sections

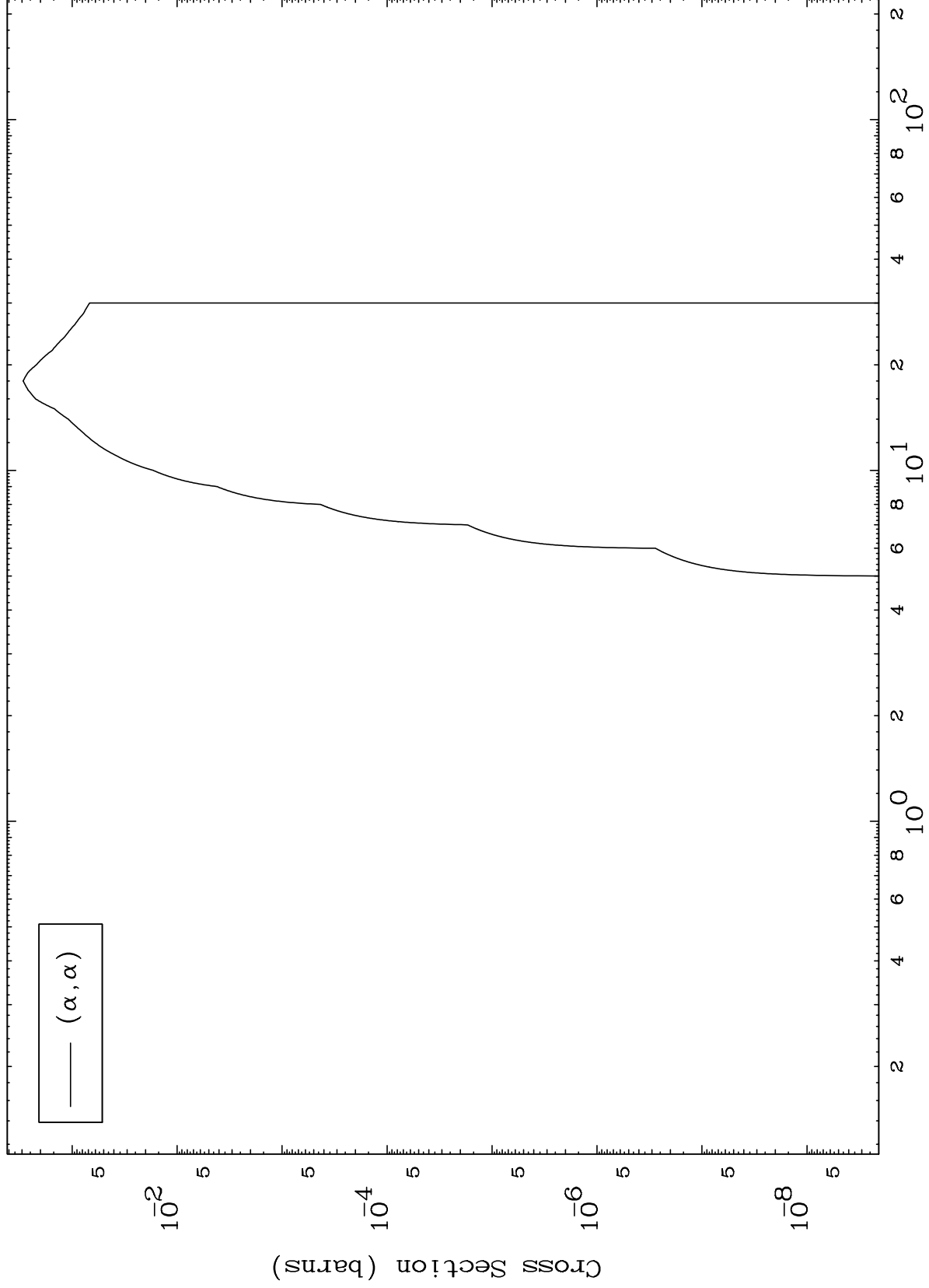


MAT 2722

(α, α) Levels

$^{27}\text{Co-58}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

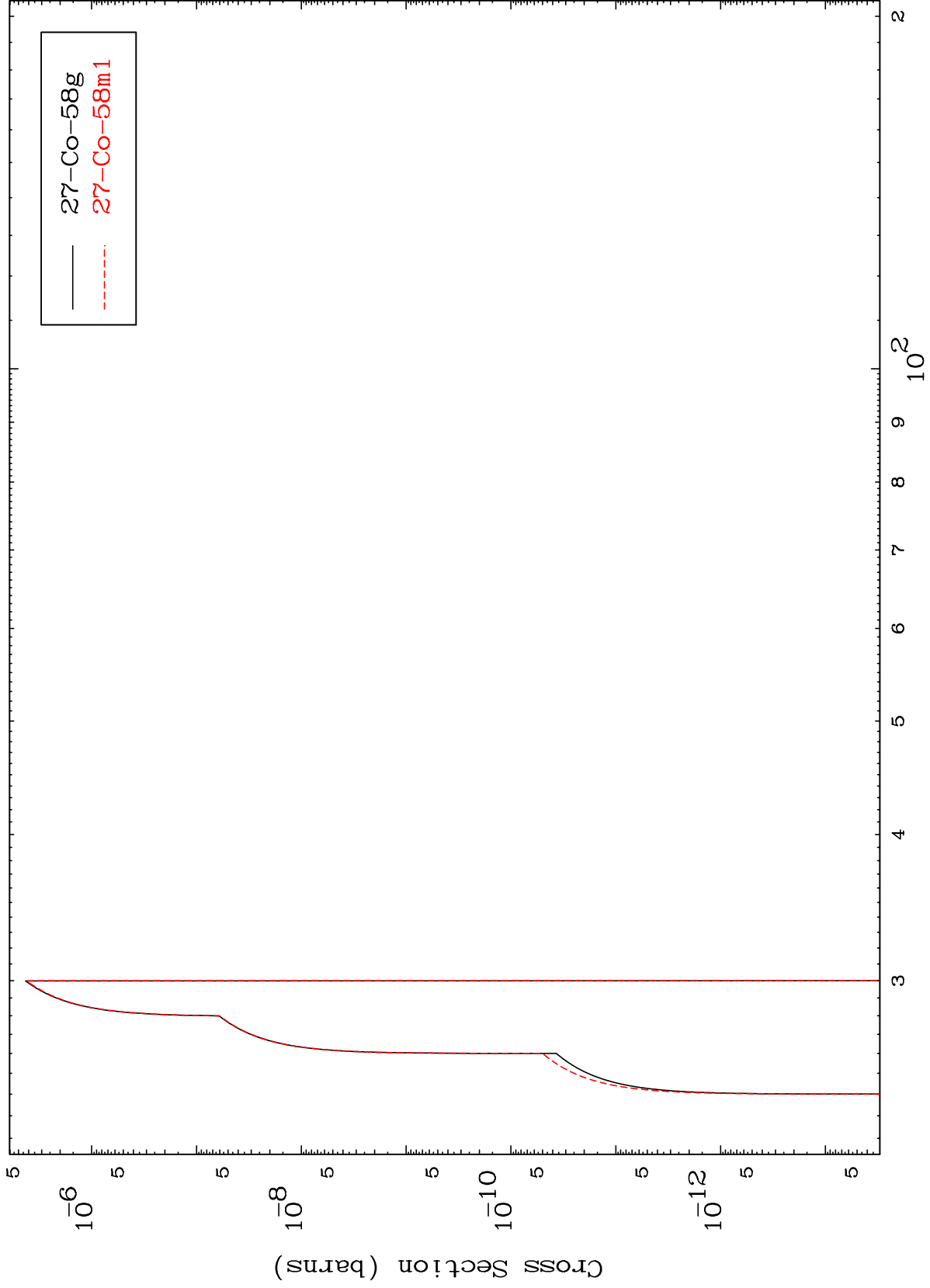
$^{27}\text{Co-58}$

MAT 2722

(α, n') He-3

27-Co-58

Radionuclide Production Cross Section



11

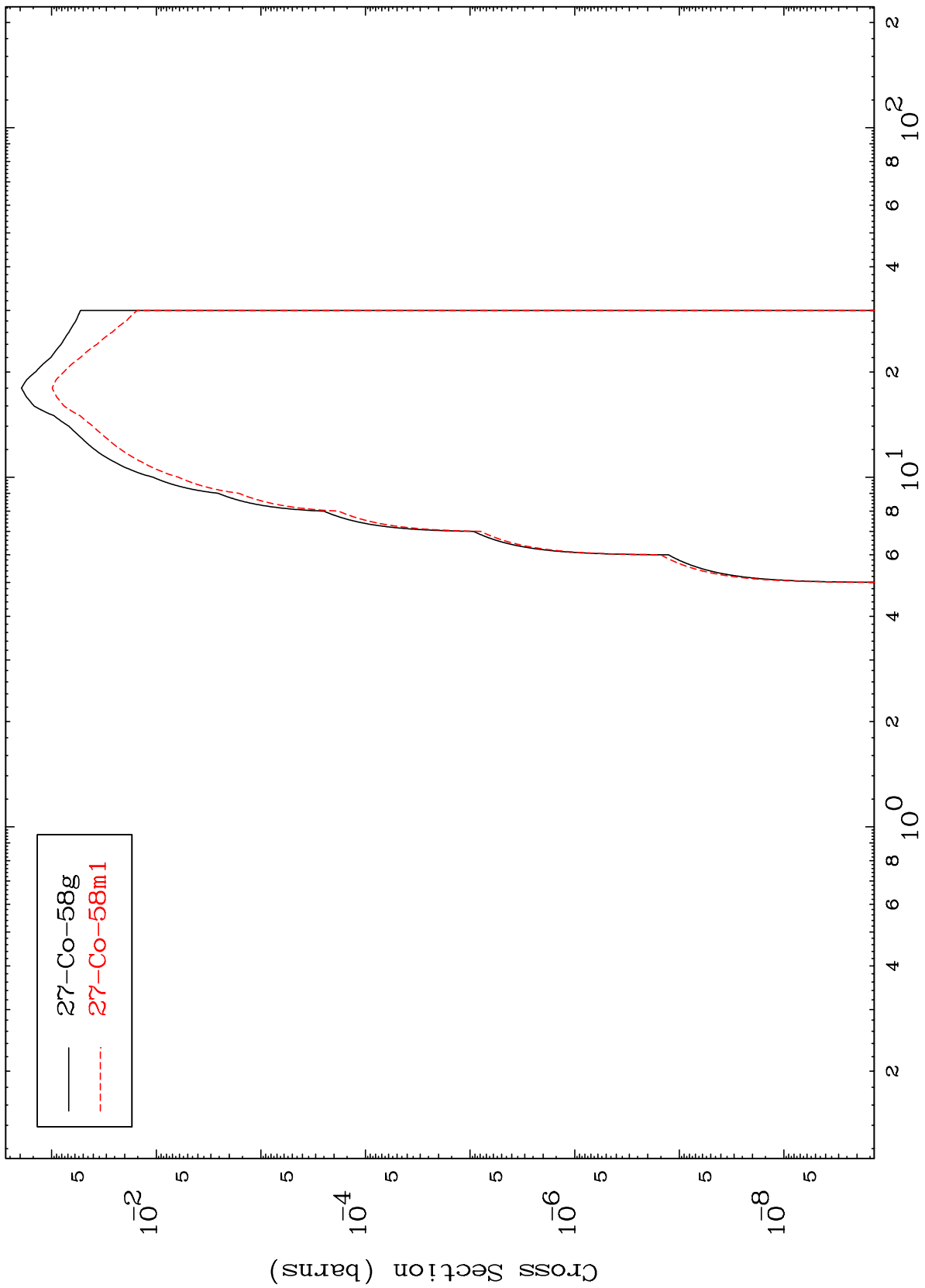
Incident Energy (MeV)

27-Co-58

MAT 2722

²⁷Co-58

(α, α)
Radionuclide Production Cross Section

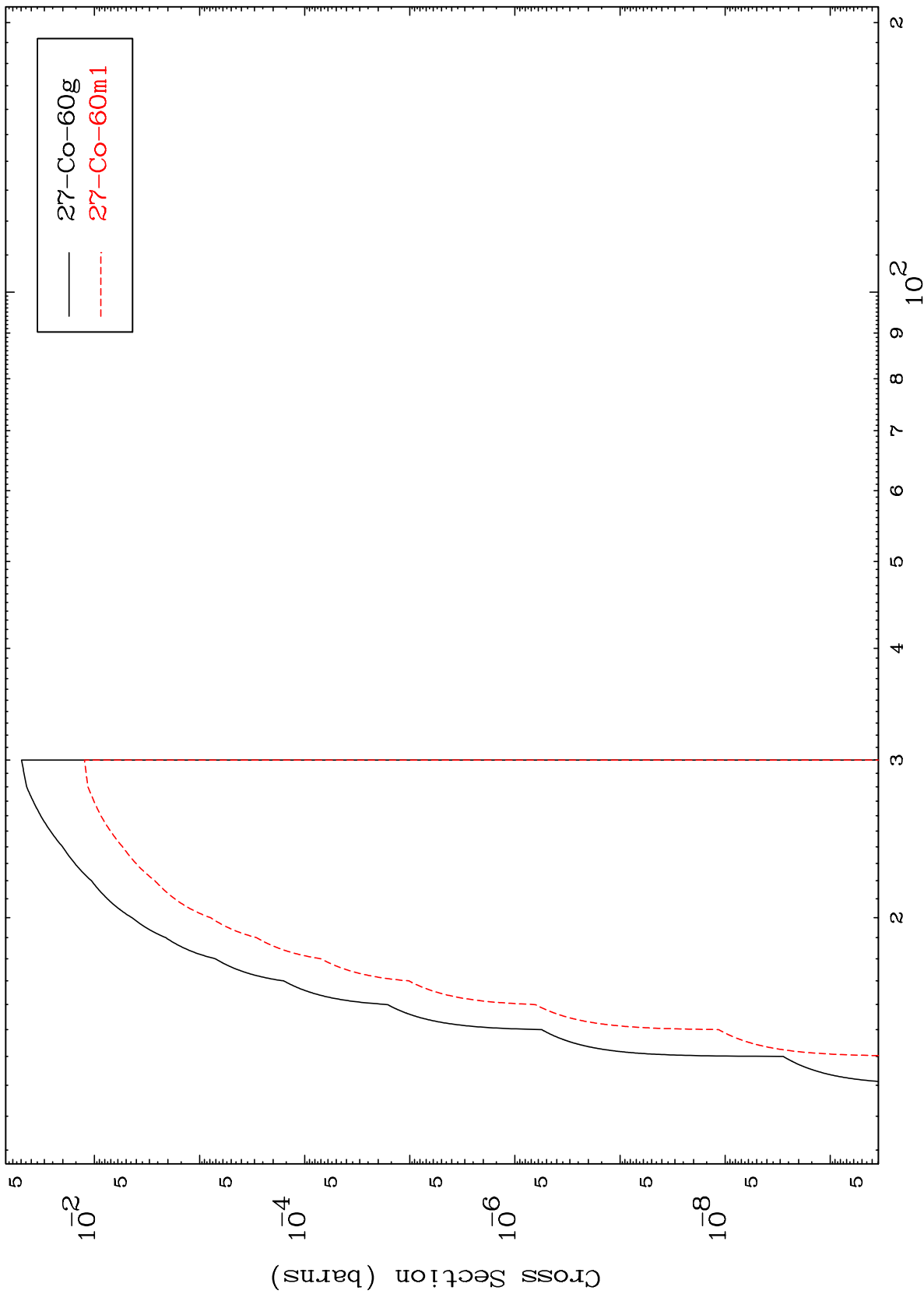


— 27-Co-58g
- - - 27-Co-58m1

MAT 2722

²⁷Co-58

($\alpha, 2p$)
Radionuclide Production Cross Section



²⁷Co-58

Incident Energy (MeV)

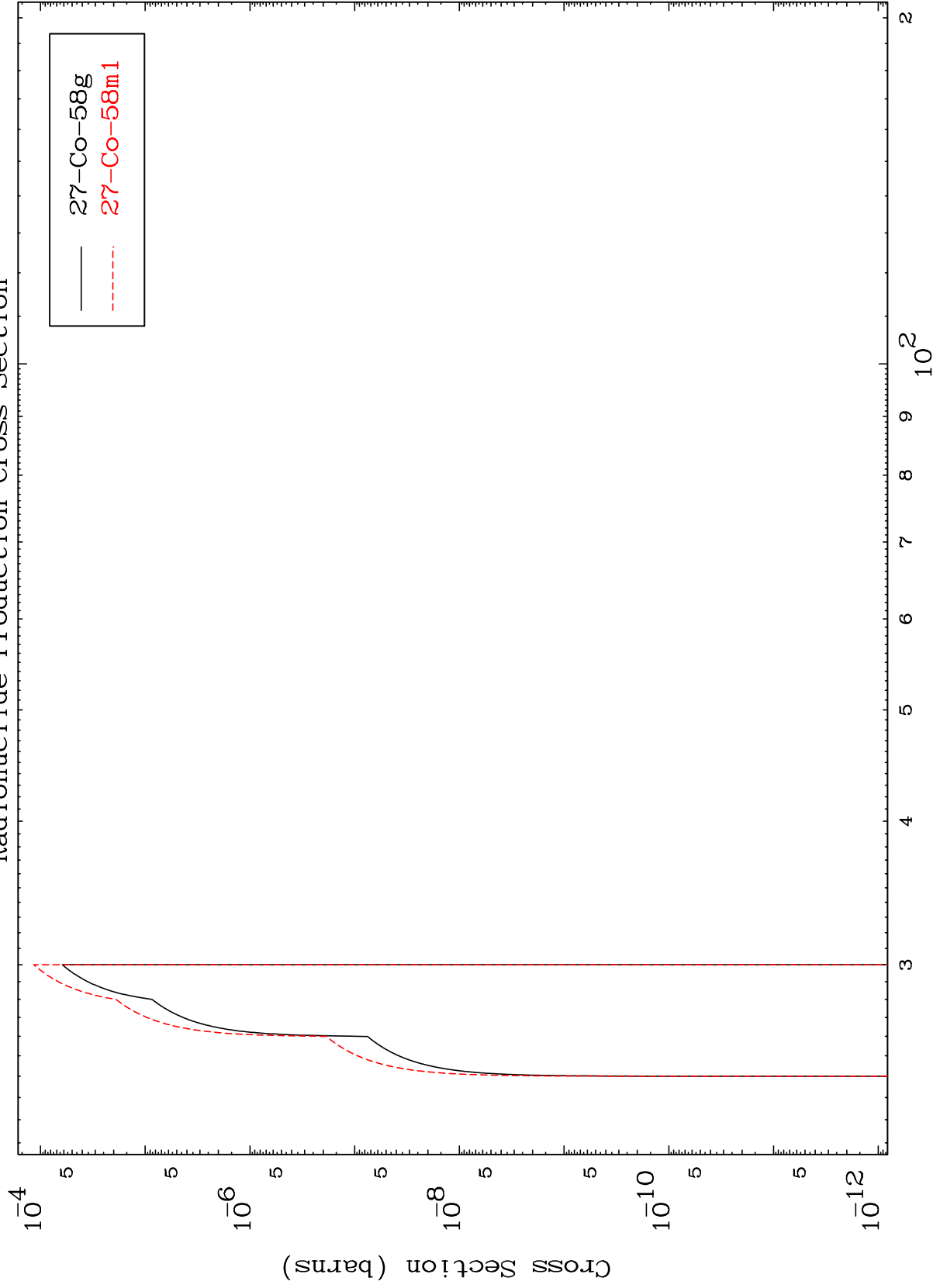
13

MAT 2722

(α, p) t

²⁷Co-58

Radionuclide Production Cross Section



14

Incident Energy (MeV)

²⁷Co-58