

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

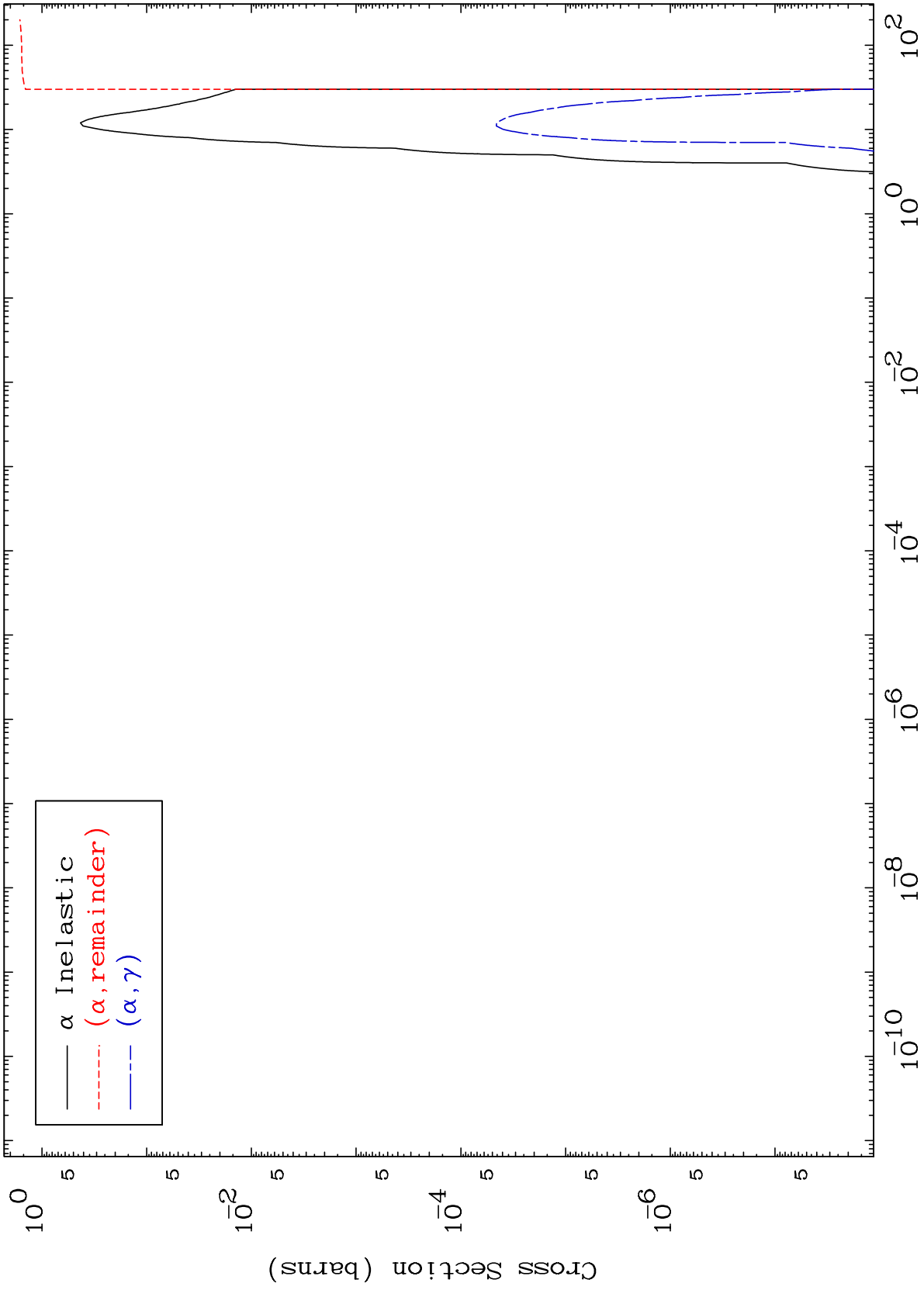
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2735

0 Kelvin α Major
Cross Sections

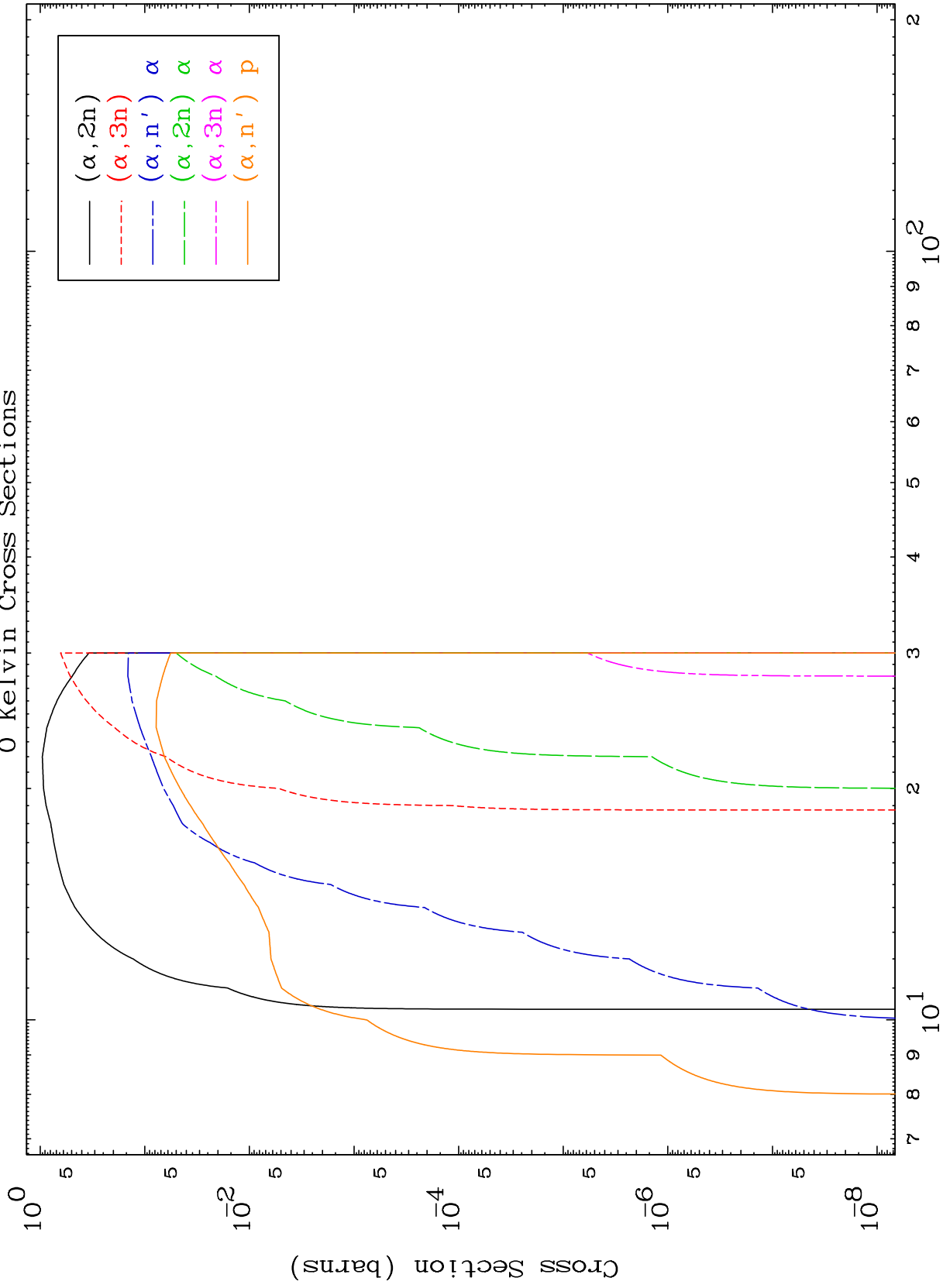
27-Co-62



MAT 2735

α Neutron Production
0 Kelvin Cross Sections

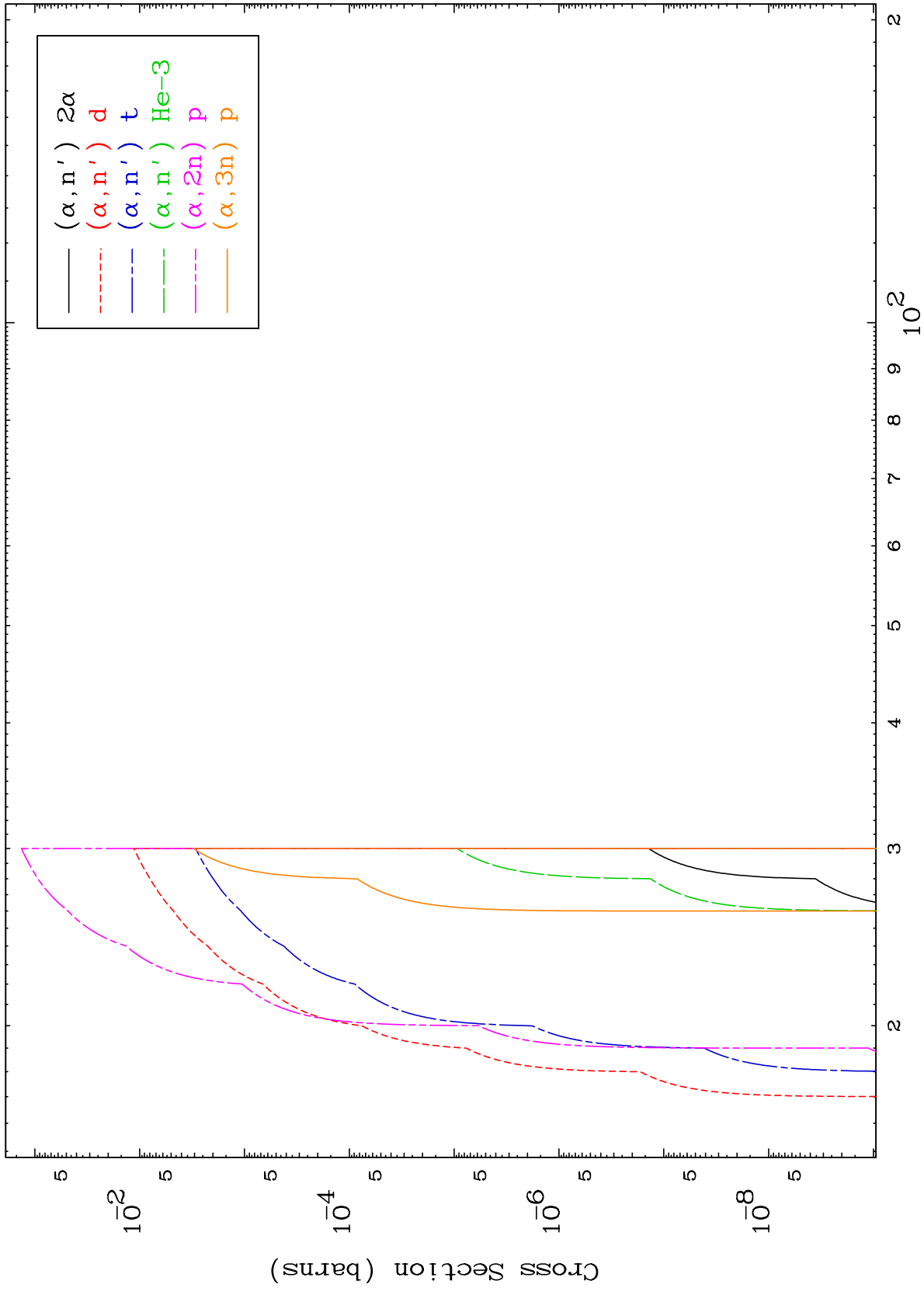
27-Co-62



2

Incident Energy (MeV)

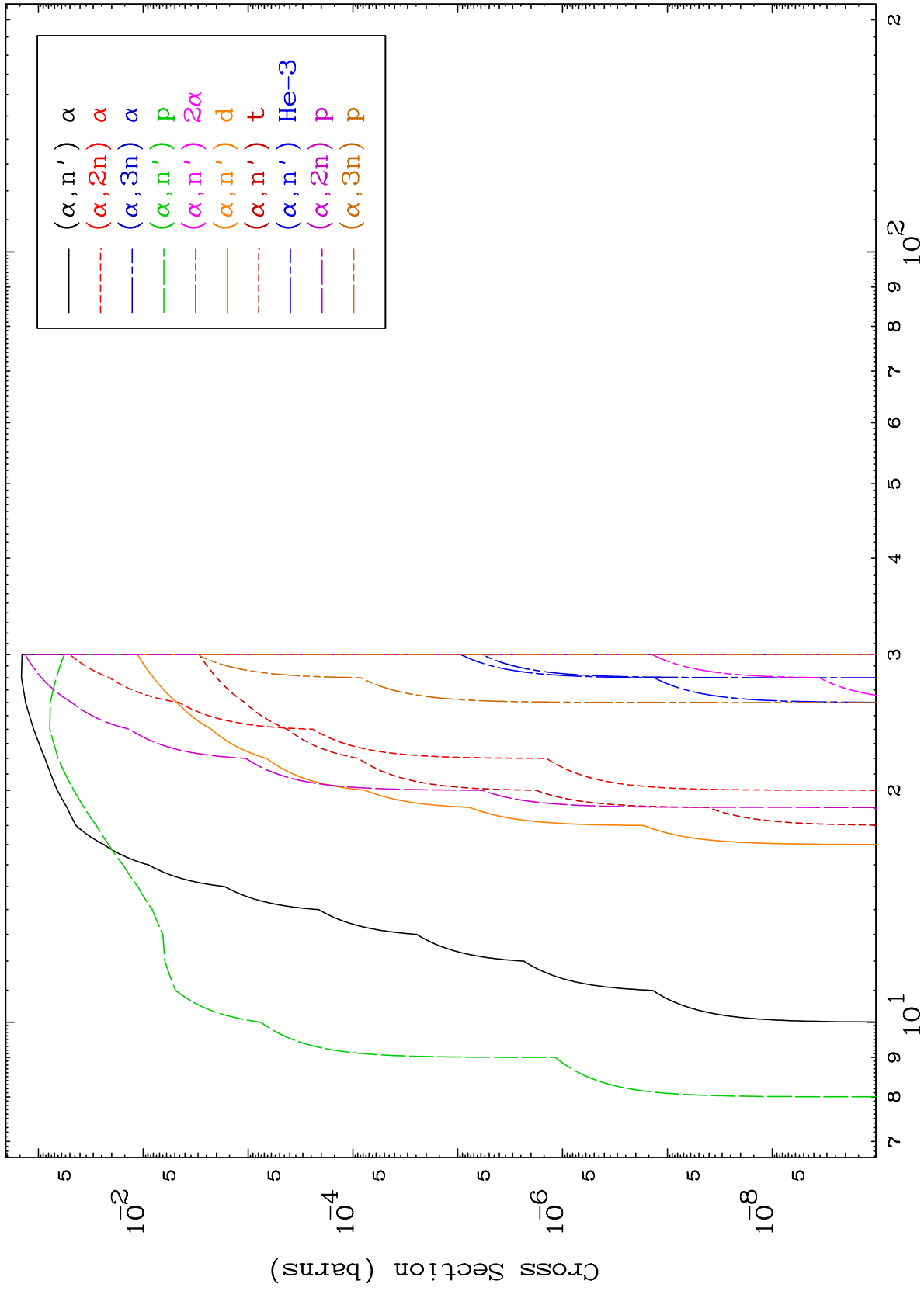
27-Co-62



MAT 2735

α Charged Particle
0 Kelvin Cross Sections

27-Co-62



4

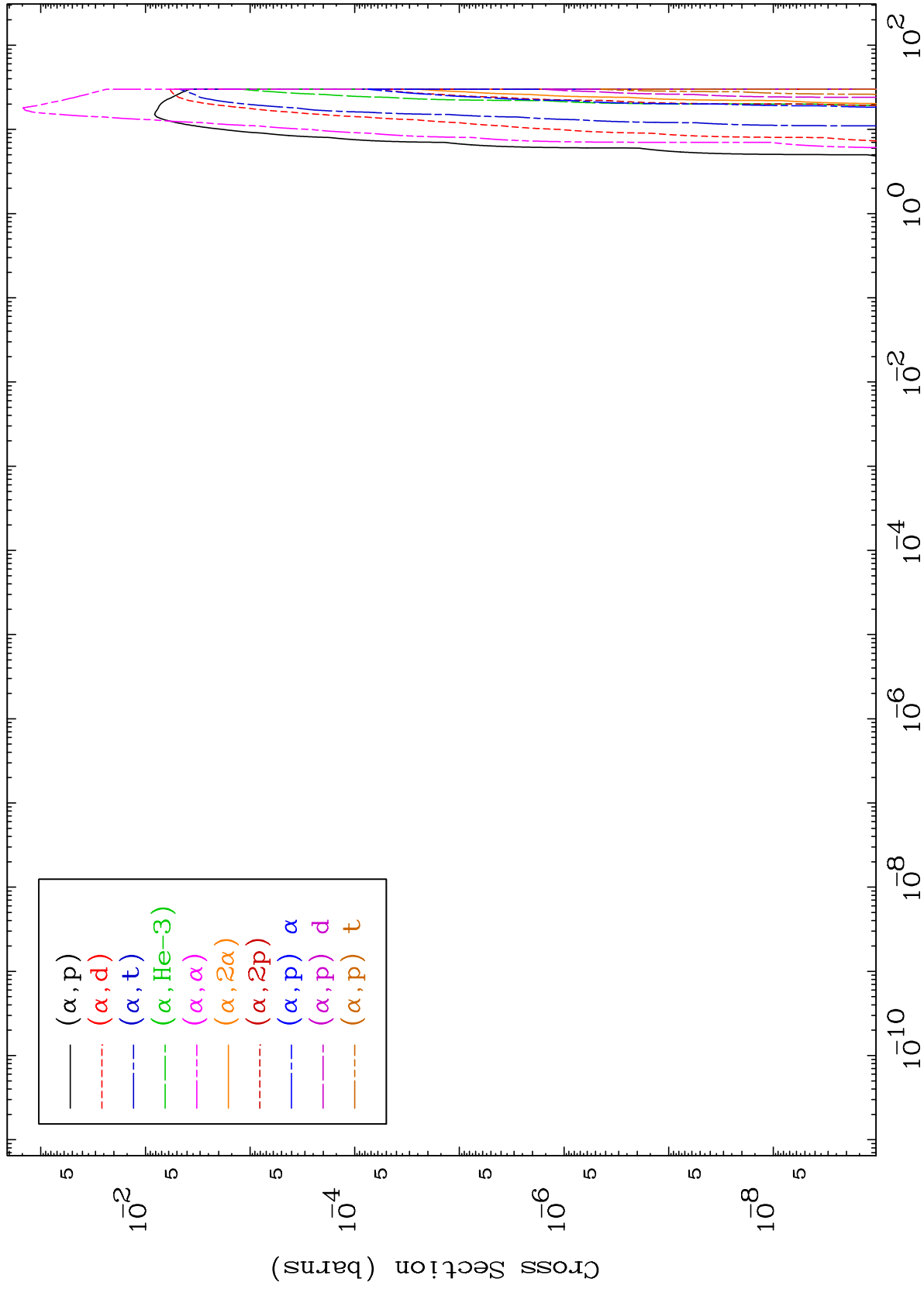
Incident Energy (MeV)

27-Co-62

MAT 2735

α Charged Particle
0 Kelvin Cross Sections

27-Co-62



5

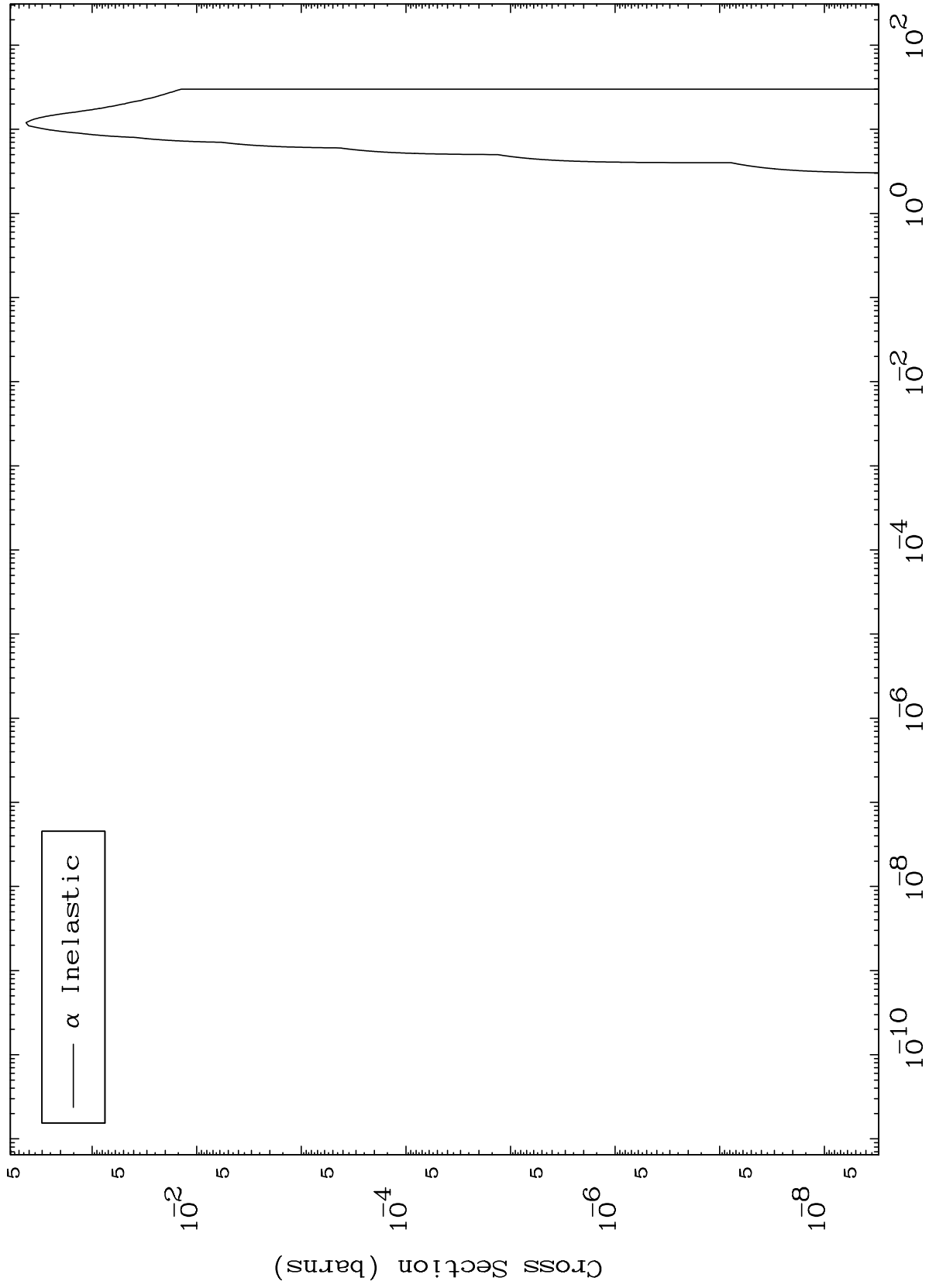
Incident Energy (MeV)

27-Co-62

MAT 2735

(α, n') Level
0 Kelvin Cross Sections

27-Co-62



6

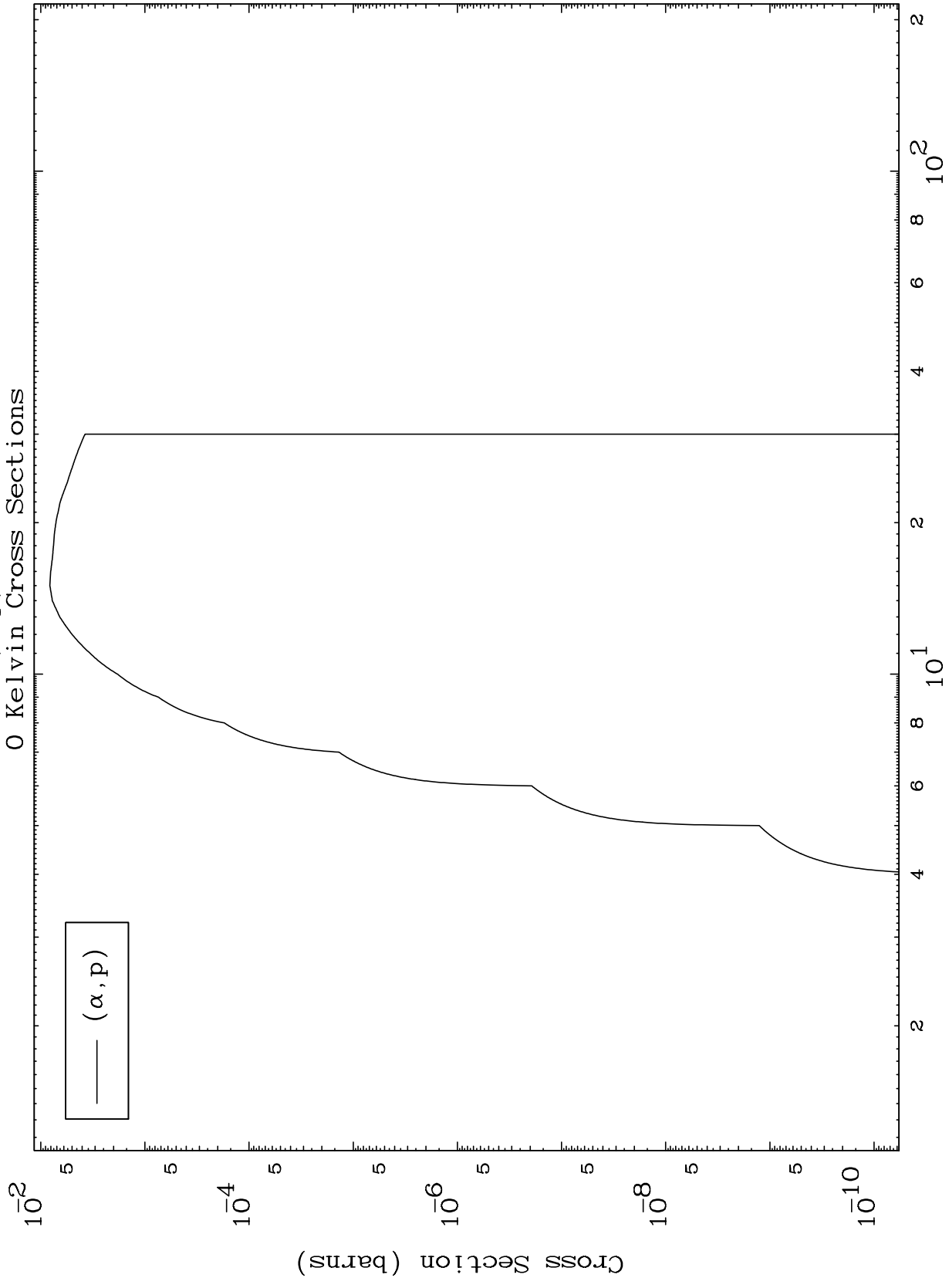
Incident Energy (MeV)

27-Co-62

MAT 2735

(α, p) Levels
0 Kelvin Cross Sections

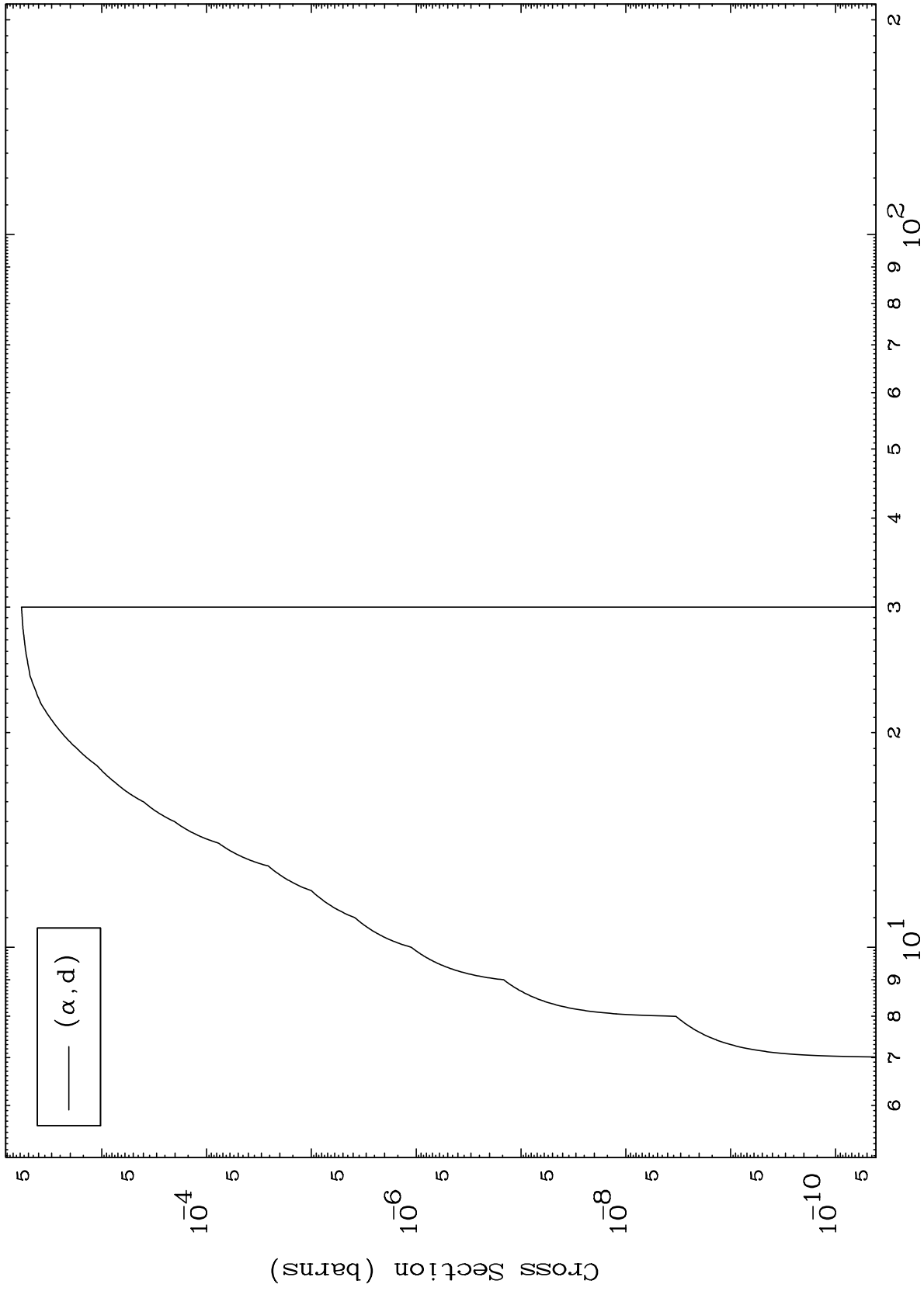
27-Co-62



MAT 2735

(α, d) Levels
0 Kelvin Cross Sections

27-Co-62



8

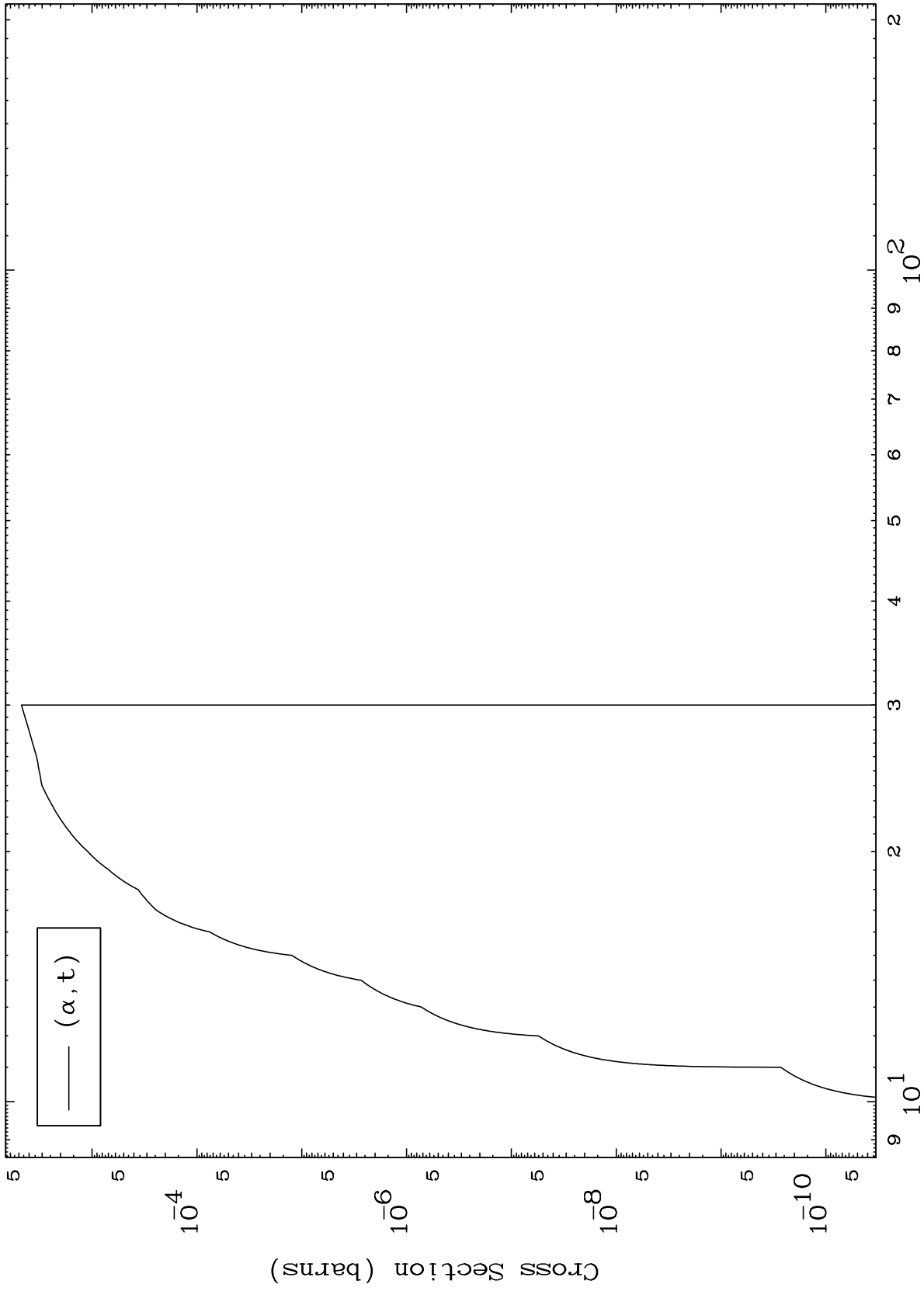
Incident Energy (MeV)

27-Co-62

MAT 2735

(α, t) Levels
0 Kelvin Cross Sections

27-Co-62



9

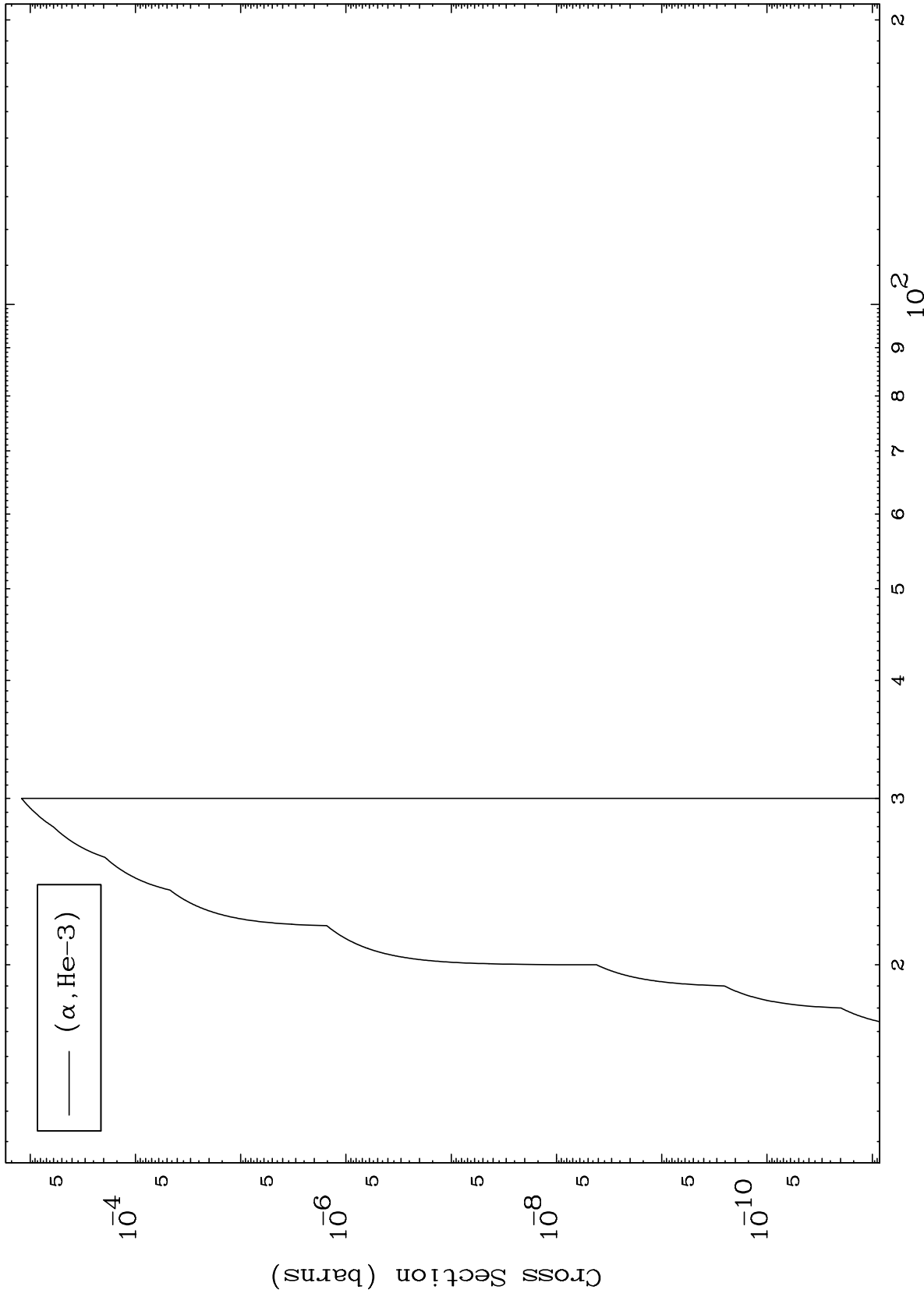
Incident Energy (MeV)

27-Co-62

MAT 2735

(α ,He3) Levels
0 Kelvin Cross Sections

27-Co-62



10

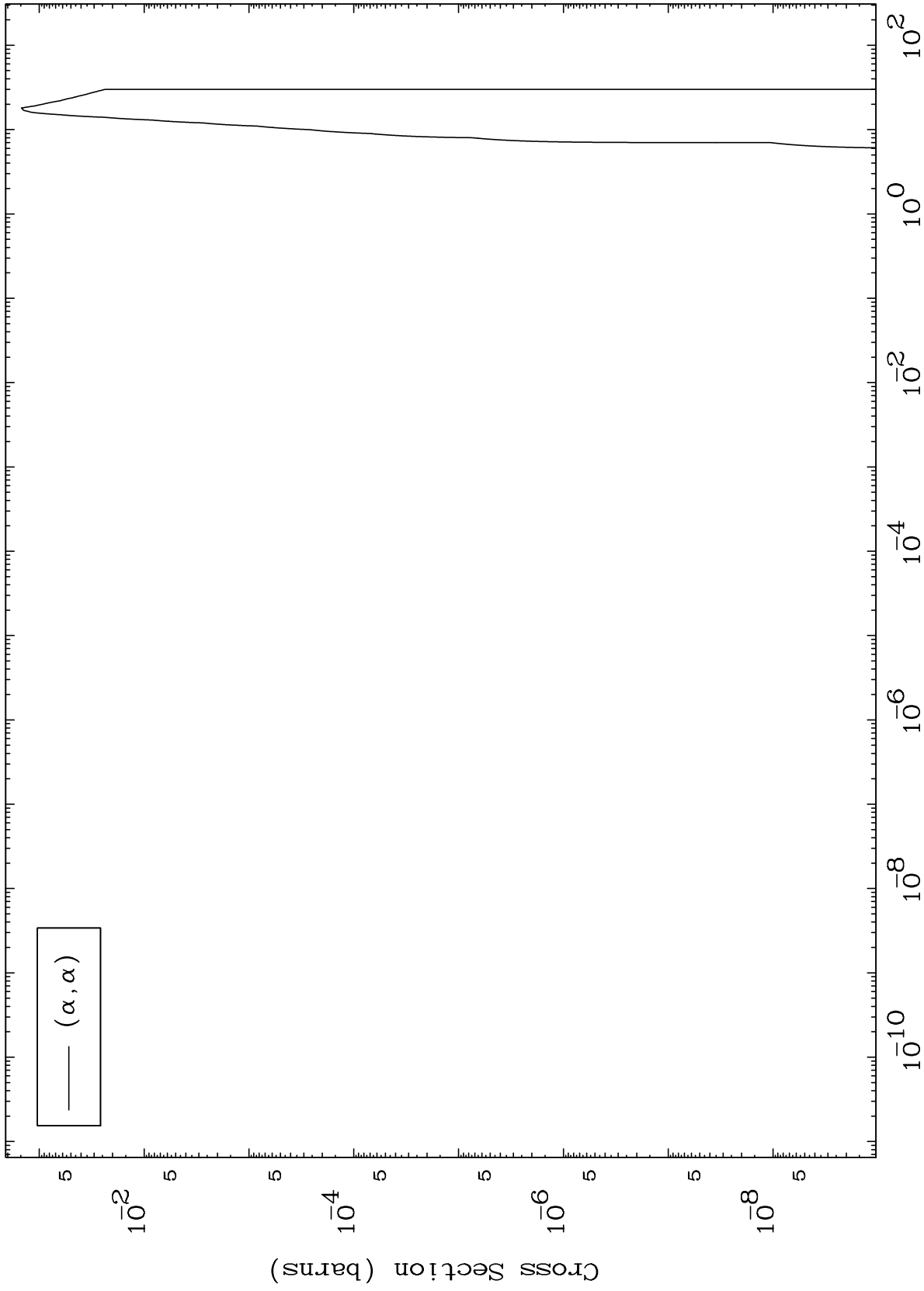
Incident Energy (MeV)

27-Co-62

MAT 2735

(α, α) Levels
0 Kelvin Cross Sections

27-Co-62



11

Incident Energy (MeV)

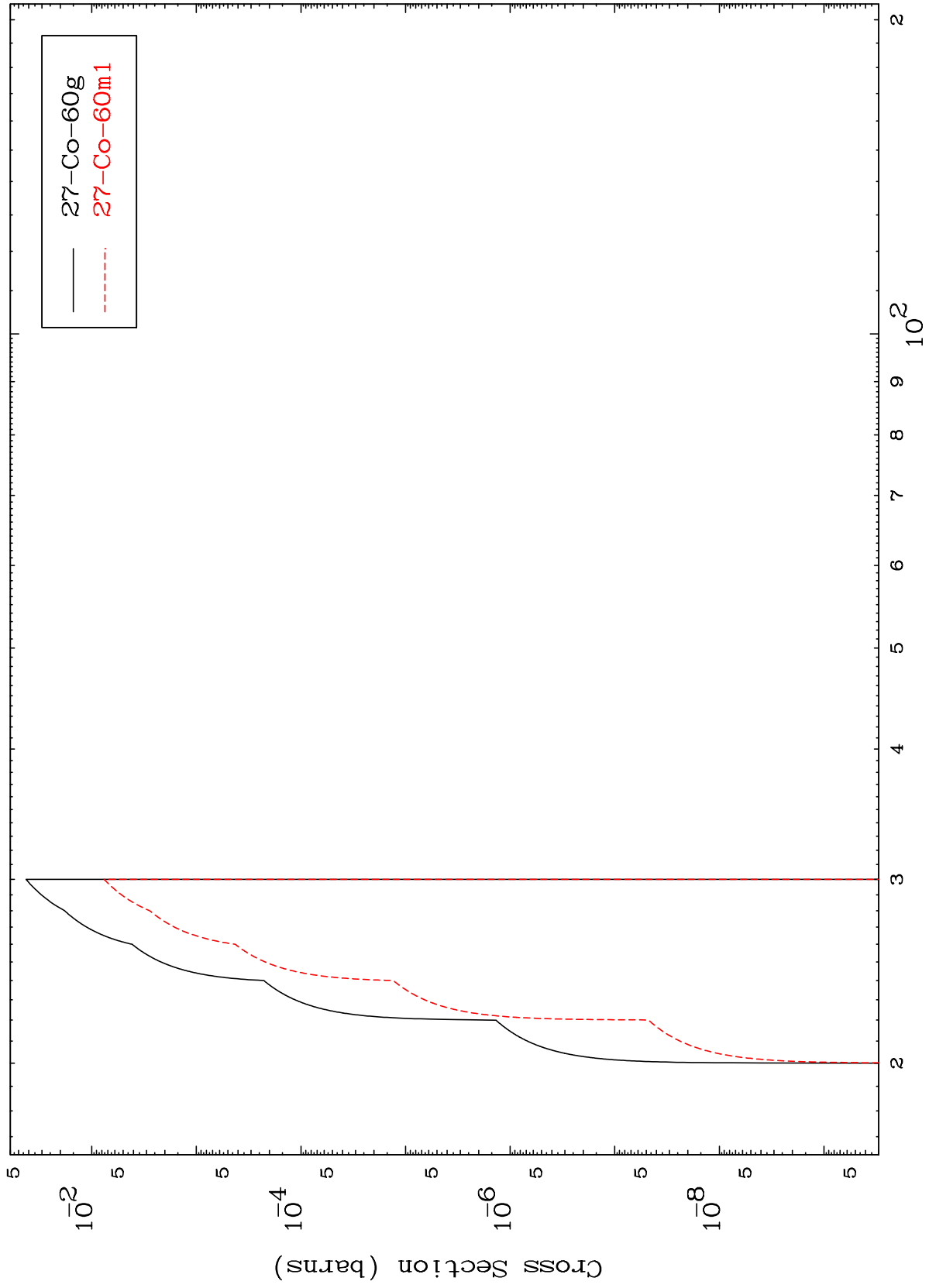
27-Co-62

MAT 2735

$(\alpha, 2n) \alpha$

$^{27}\text{Co-62}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

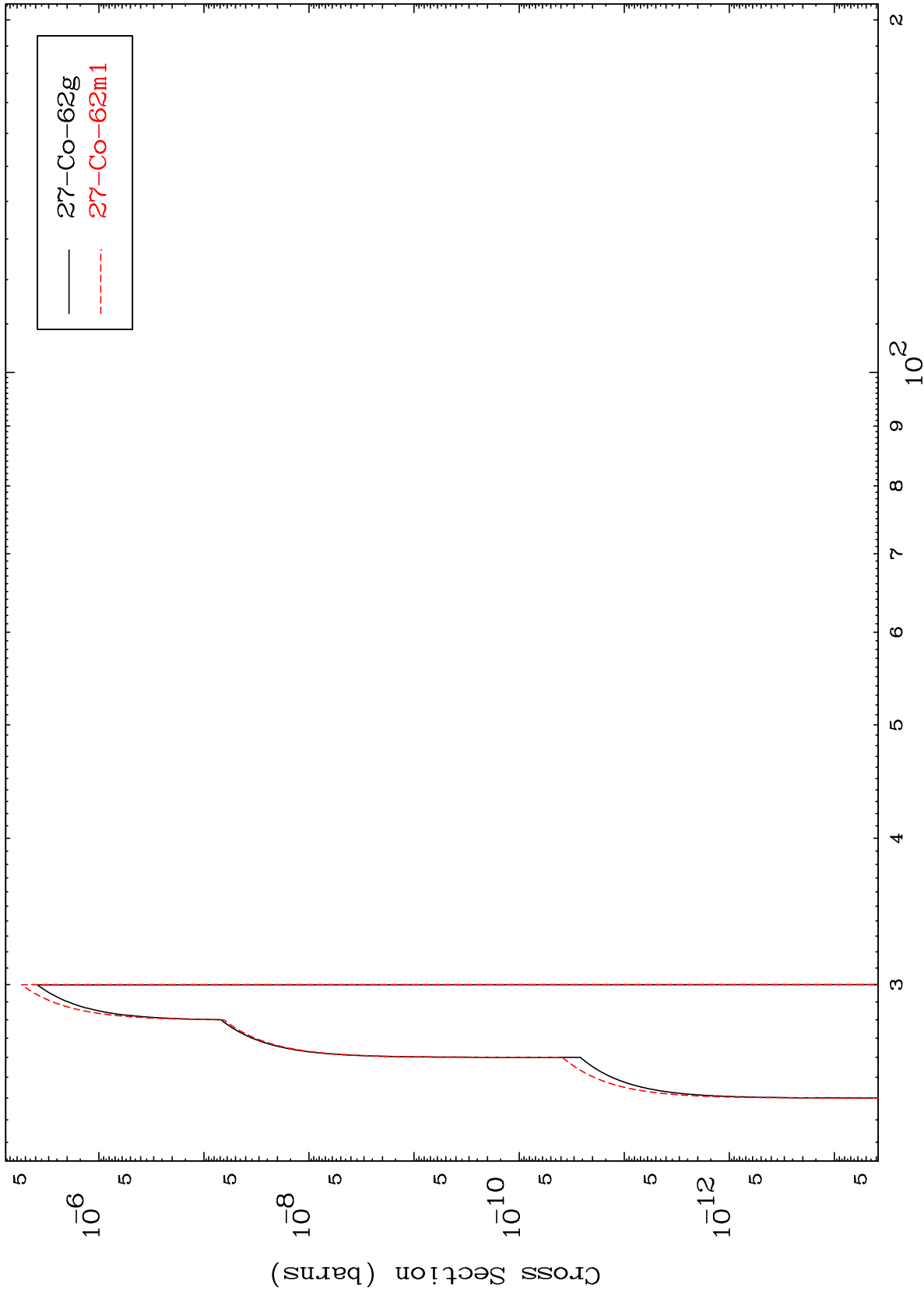
$^{27}\text{Co-62}$

MAT 2735

(α, n') He-3

27-Co-62

Radionuclide Production Cross Section



13

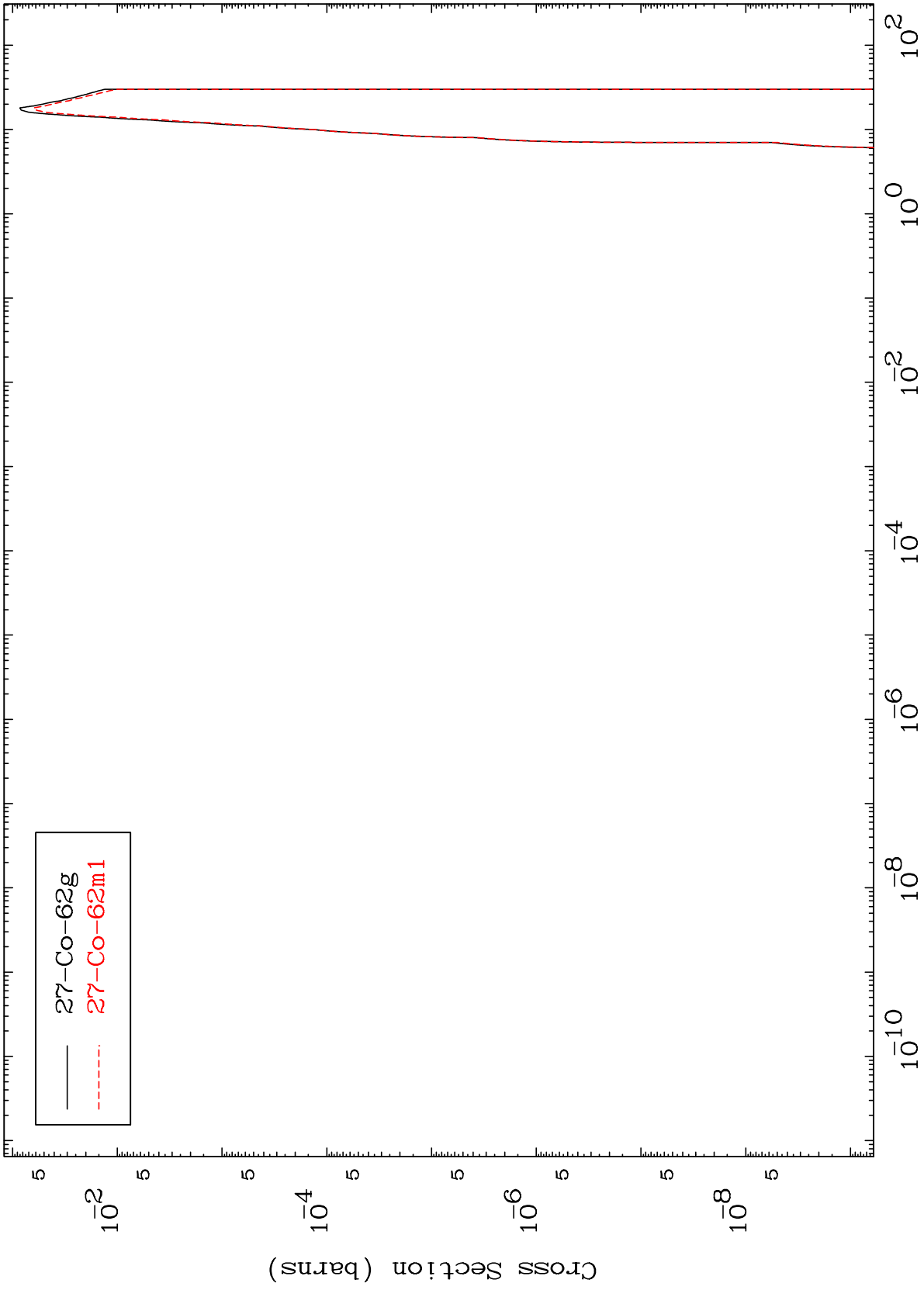
Incident Energy (MeV)

27-Co-62

MAT 2735

(α, α)
Radionuclide Production Cross Section

$^{27}\text{Co-62}$

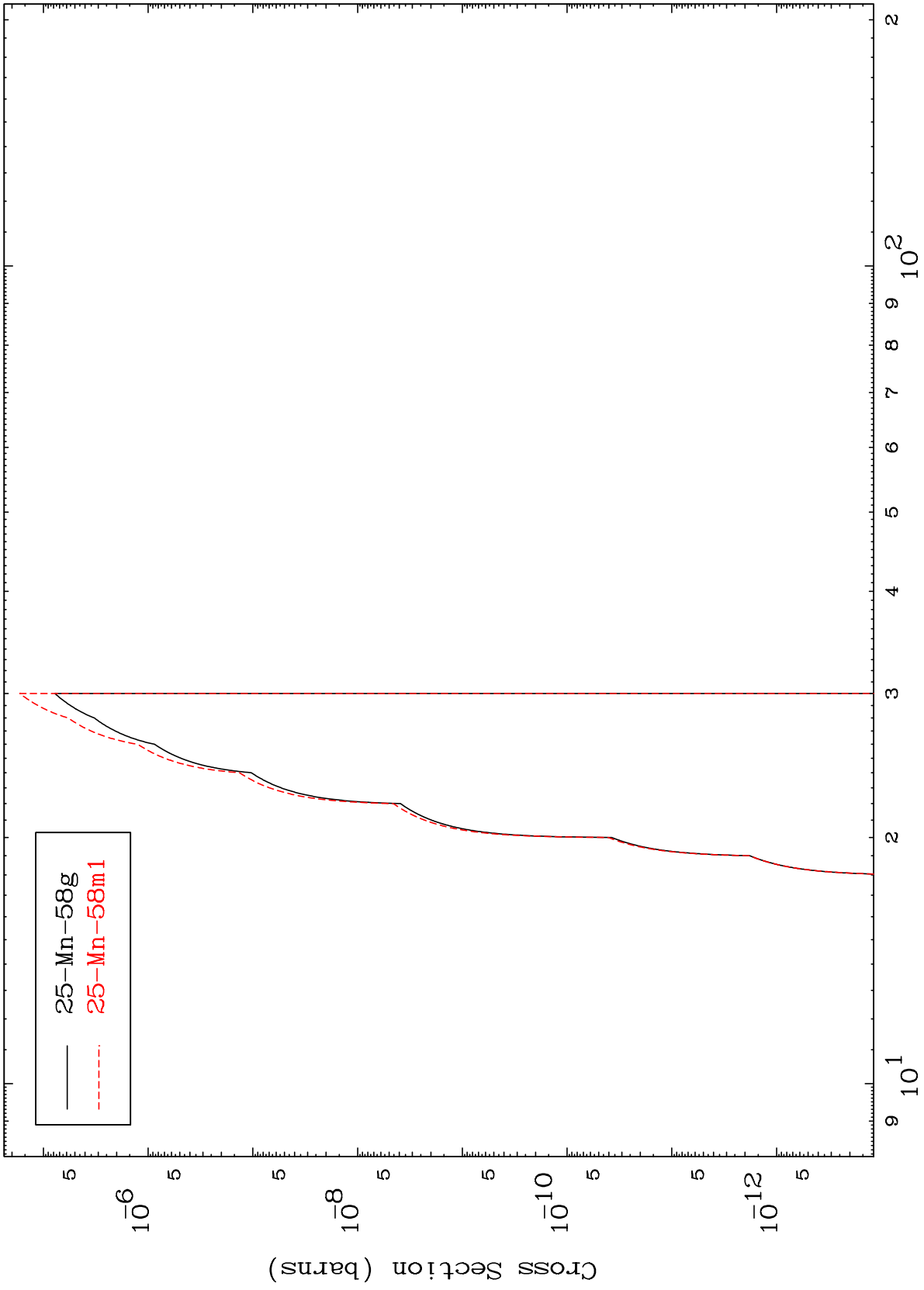


$^{27}\text{Co-62}$

MAT 2735

27-Co-62

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



15

Incident Energy (MeV)

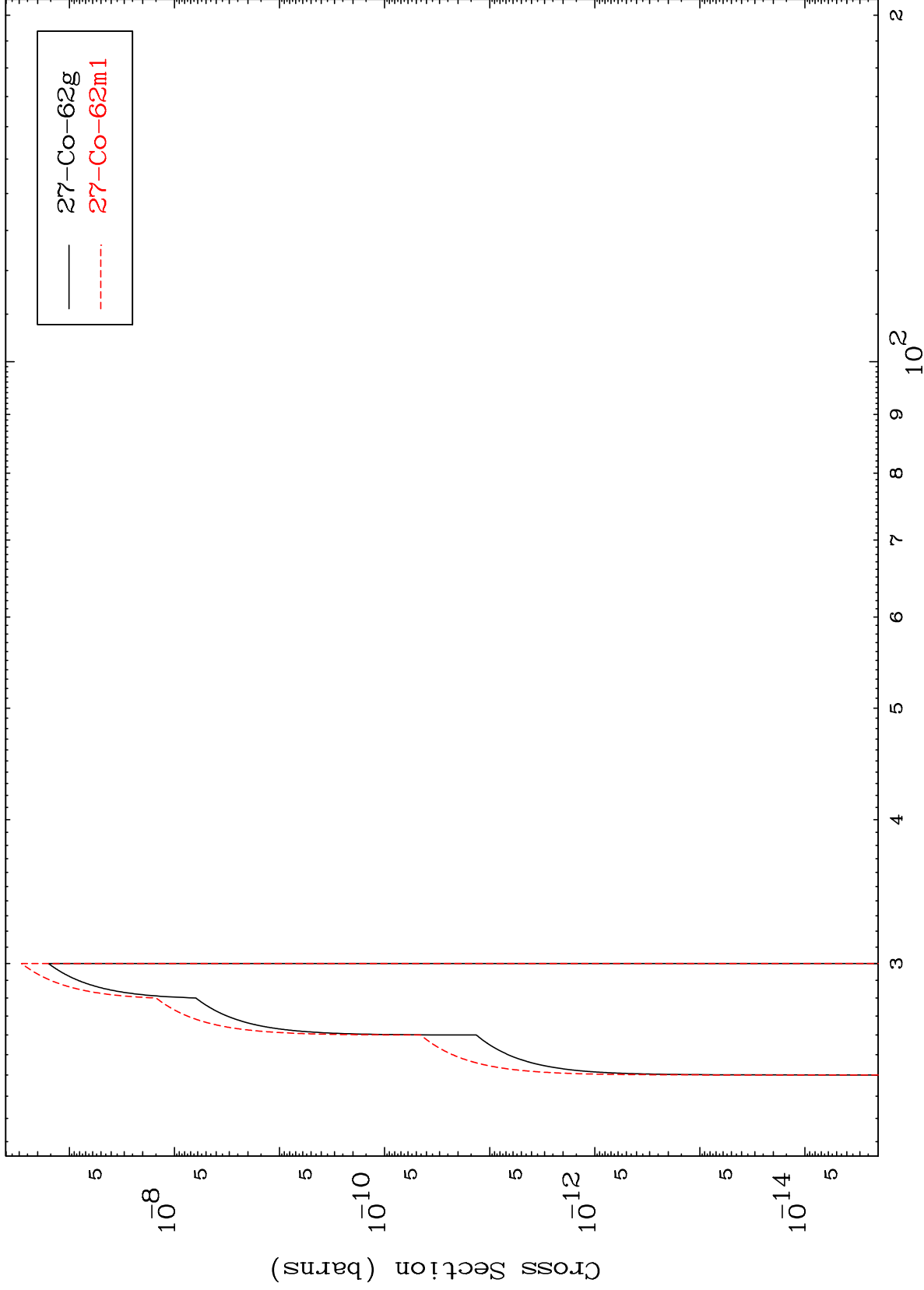
27-Co-62

MAT 2735

(α, p) t

²⁷Co-62

Radionuclide Production Cross Section



16

Incident Energy (MeV)

²⁷Co-62