

Program EVALPLOT
(Version 2021-1)

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

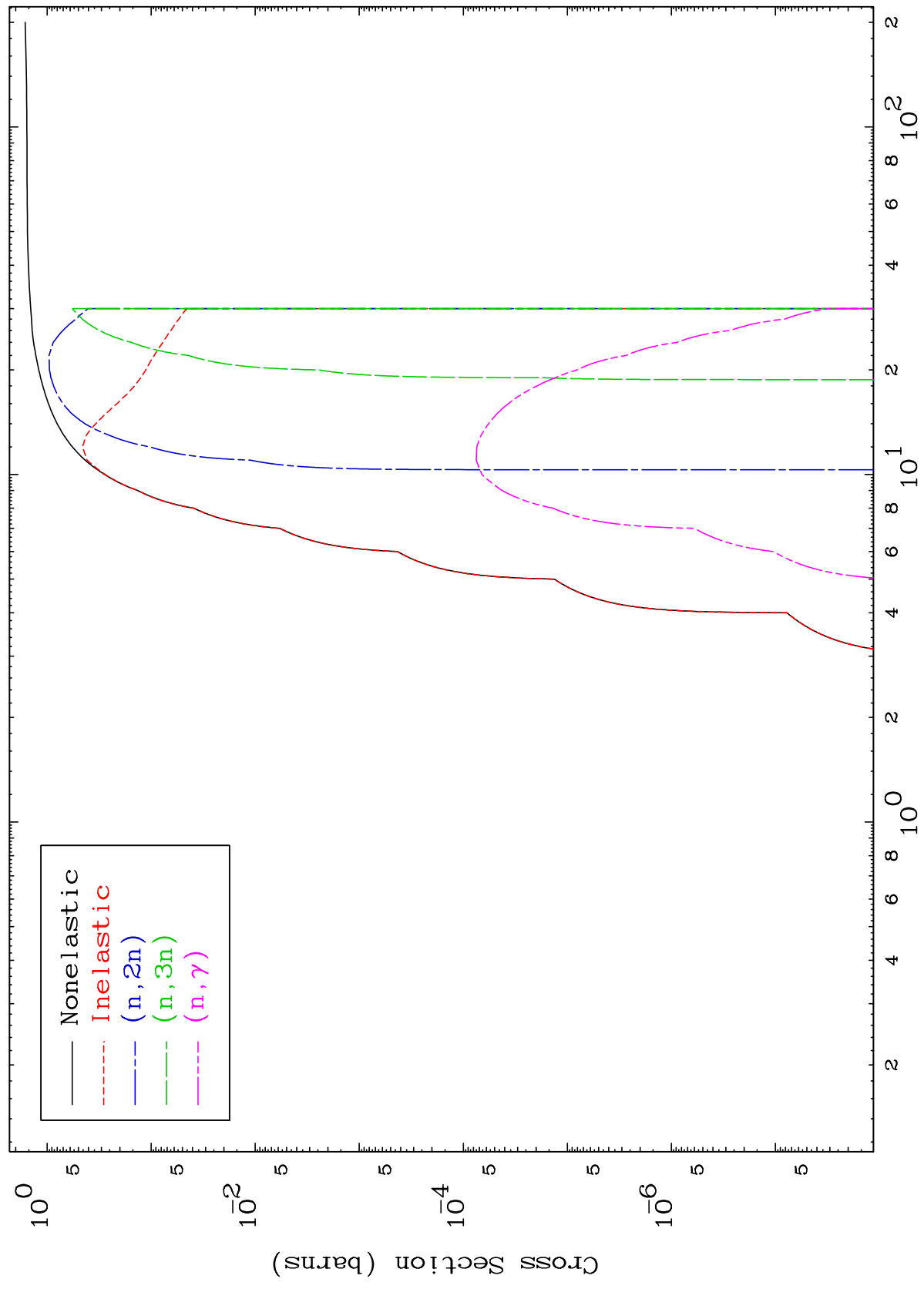
Press Mouse Button to Start

MAT 2735

0 Kelvin

α Major

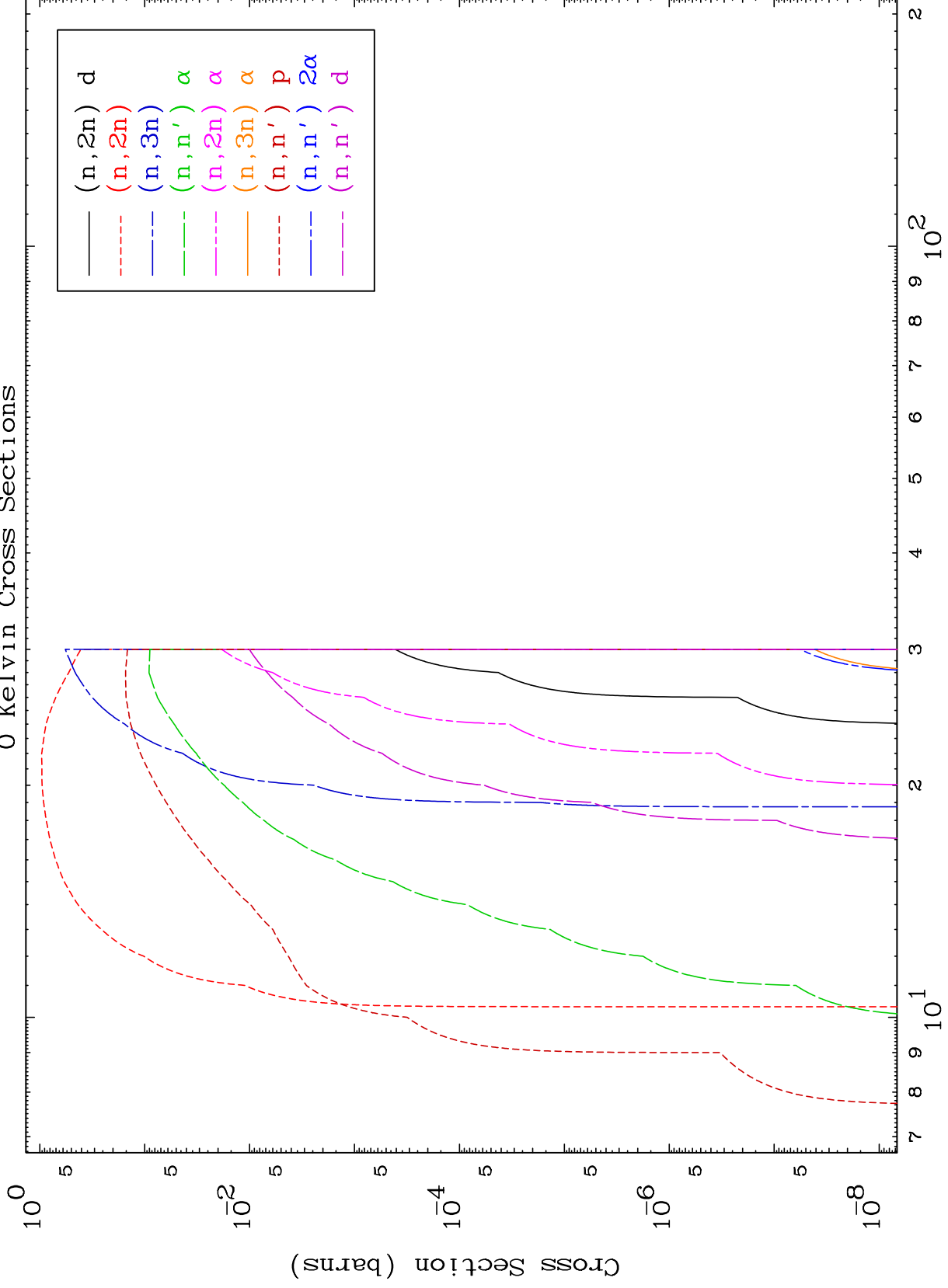
27-Co-62m



MAT 2735

α Neutron Absorption
0 Kelvin Cross Sections

27-Co-62m



2

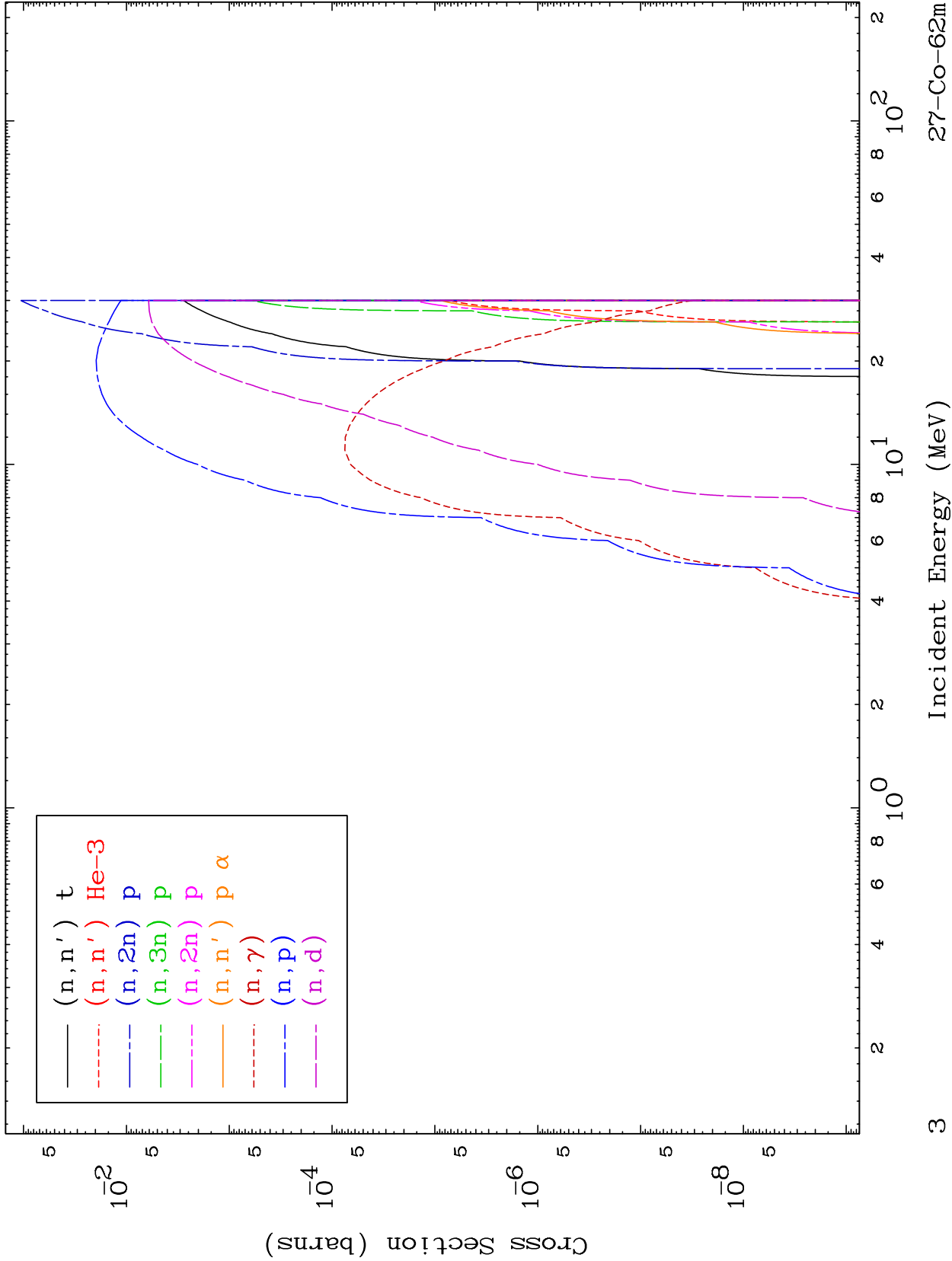
Incident Energy (MeV)

27-Co-62m

MAT 2735

α Neutron Absorption
0 Kelvin Cross Sections

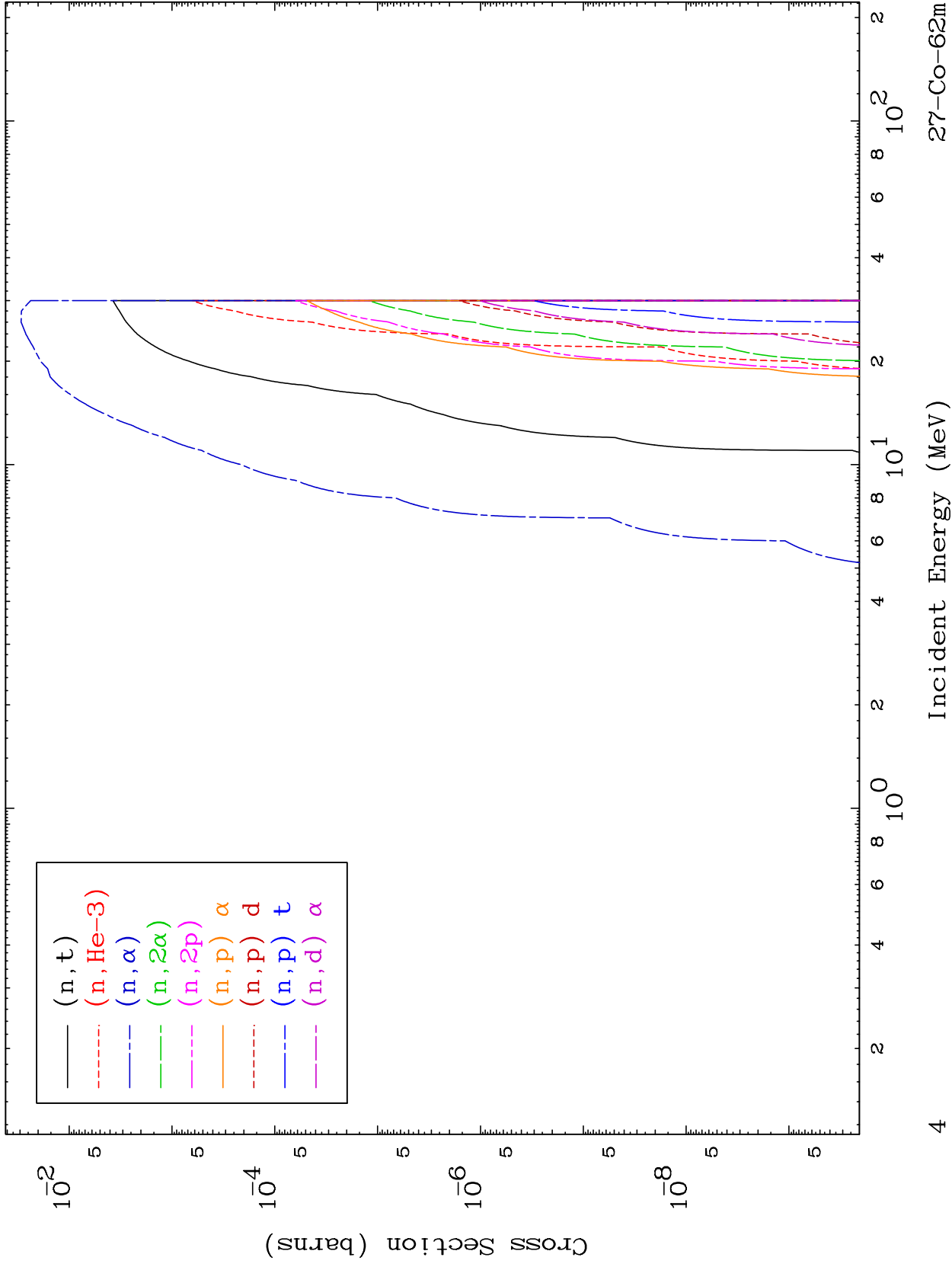
27-Co-62m

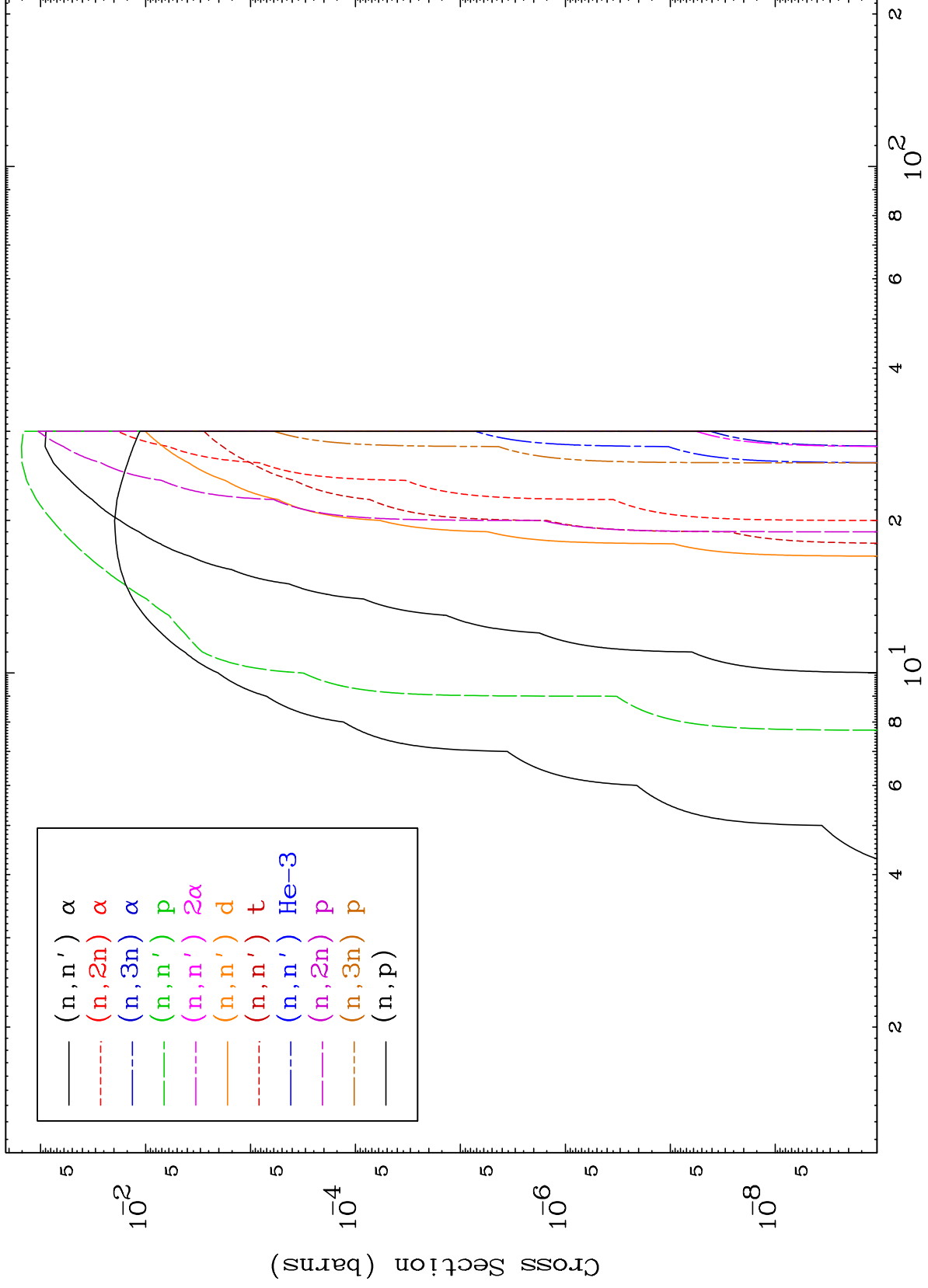


MAT 2735

α Neutron Absorption
0 Kelvin Cross Sections

27-Co-62m

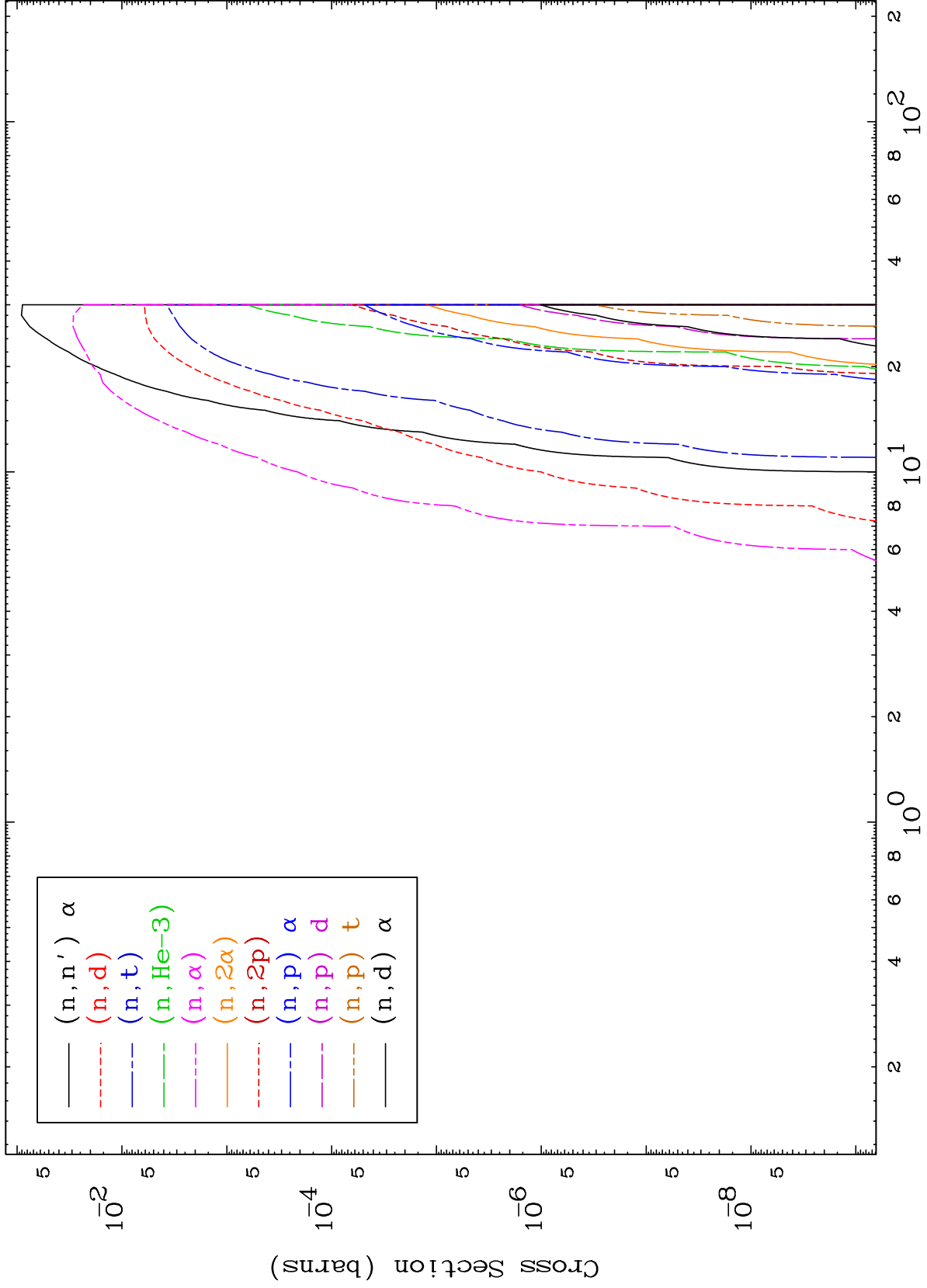




MAT 2735

α Charged Particle
0 Kelvin Cross Sections

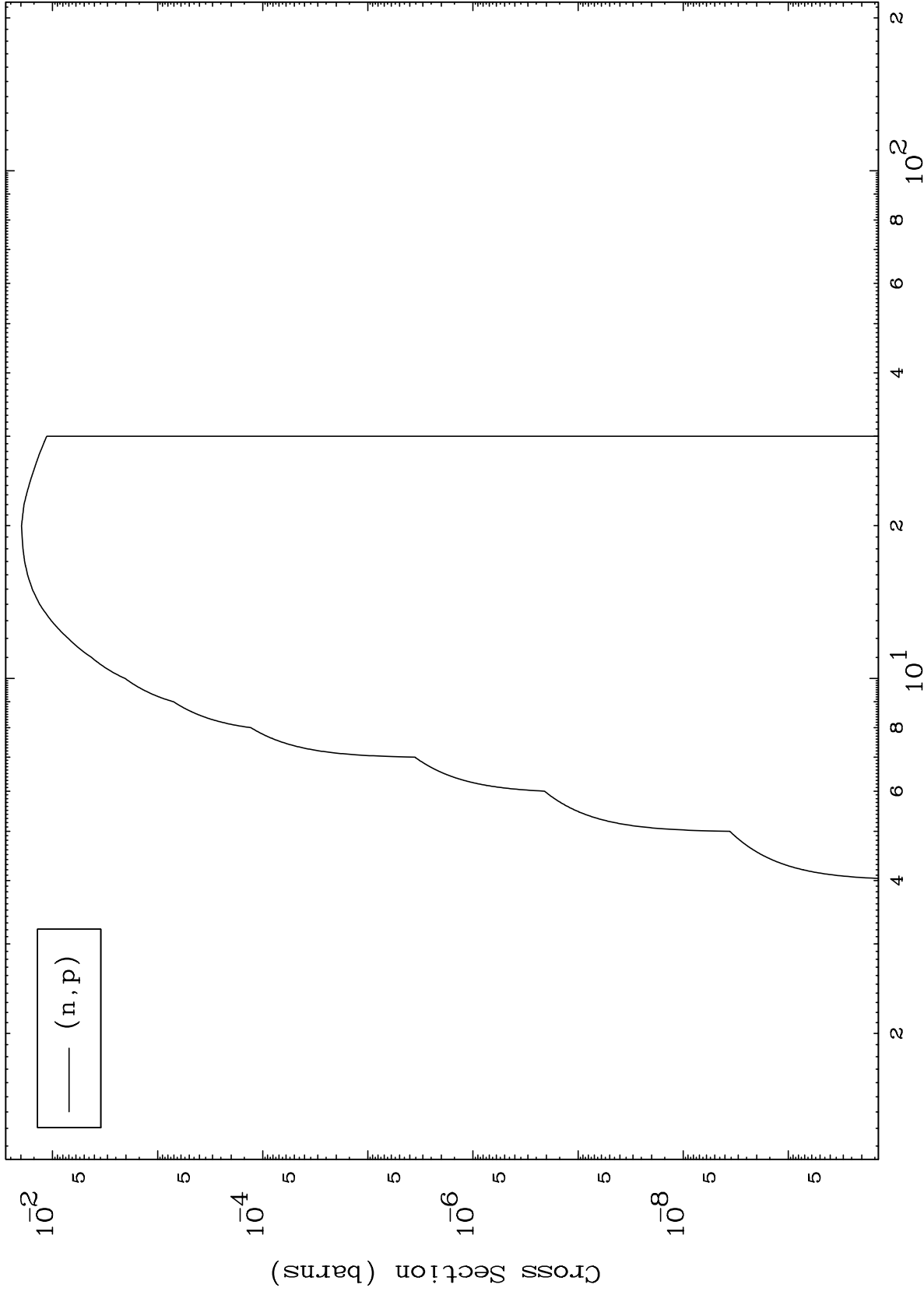
27-Co-62m



MAT 2735

(α, p) Levels
0 Kelvin Cross Sections

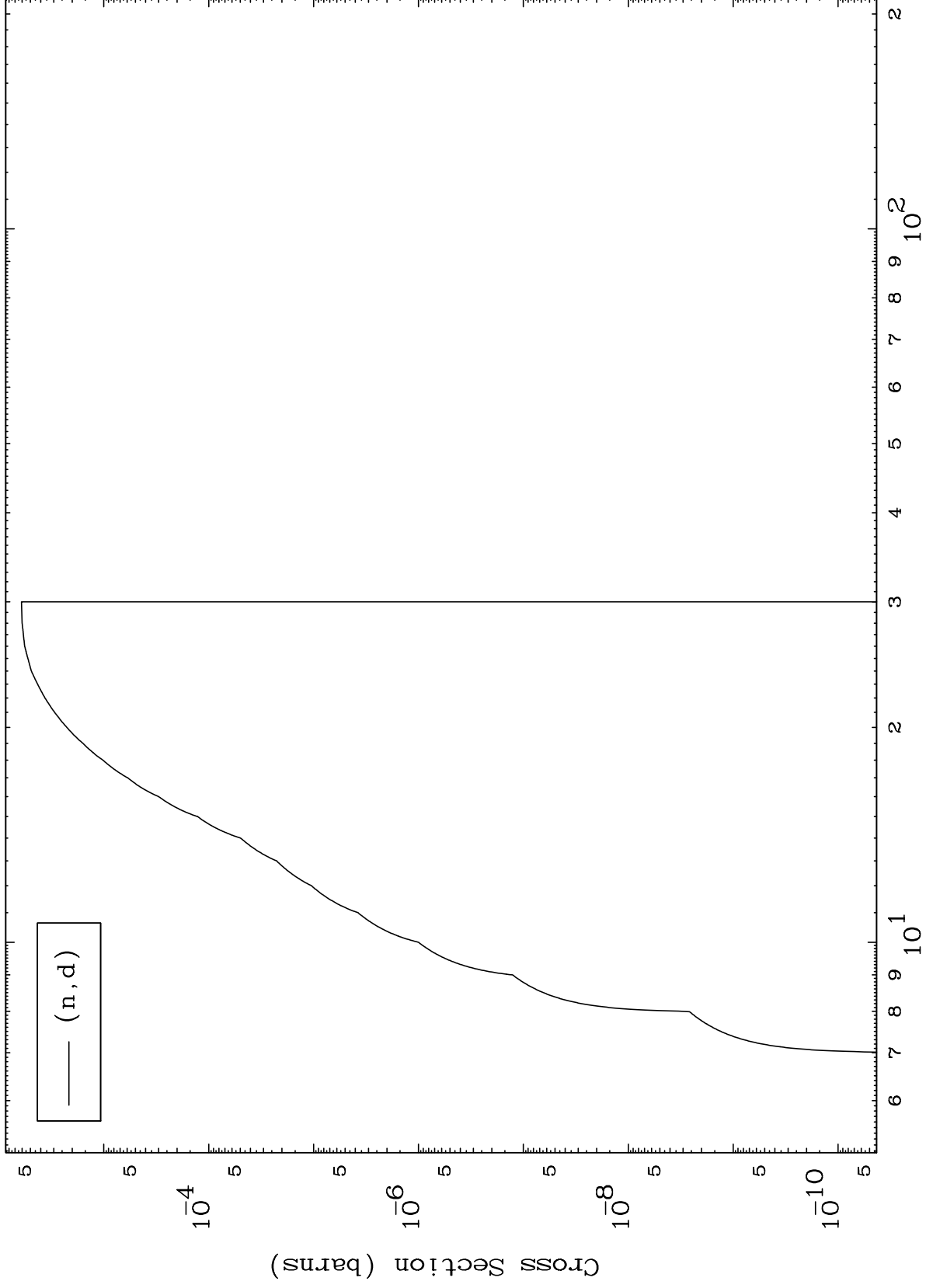
27-Co-62m



MAT 2735

(α, d) Levels
0 Kelvin Cross Sections

27-Co-62m



8

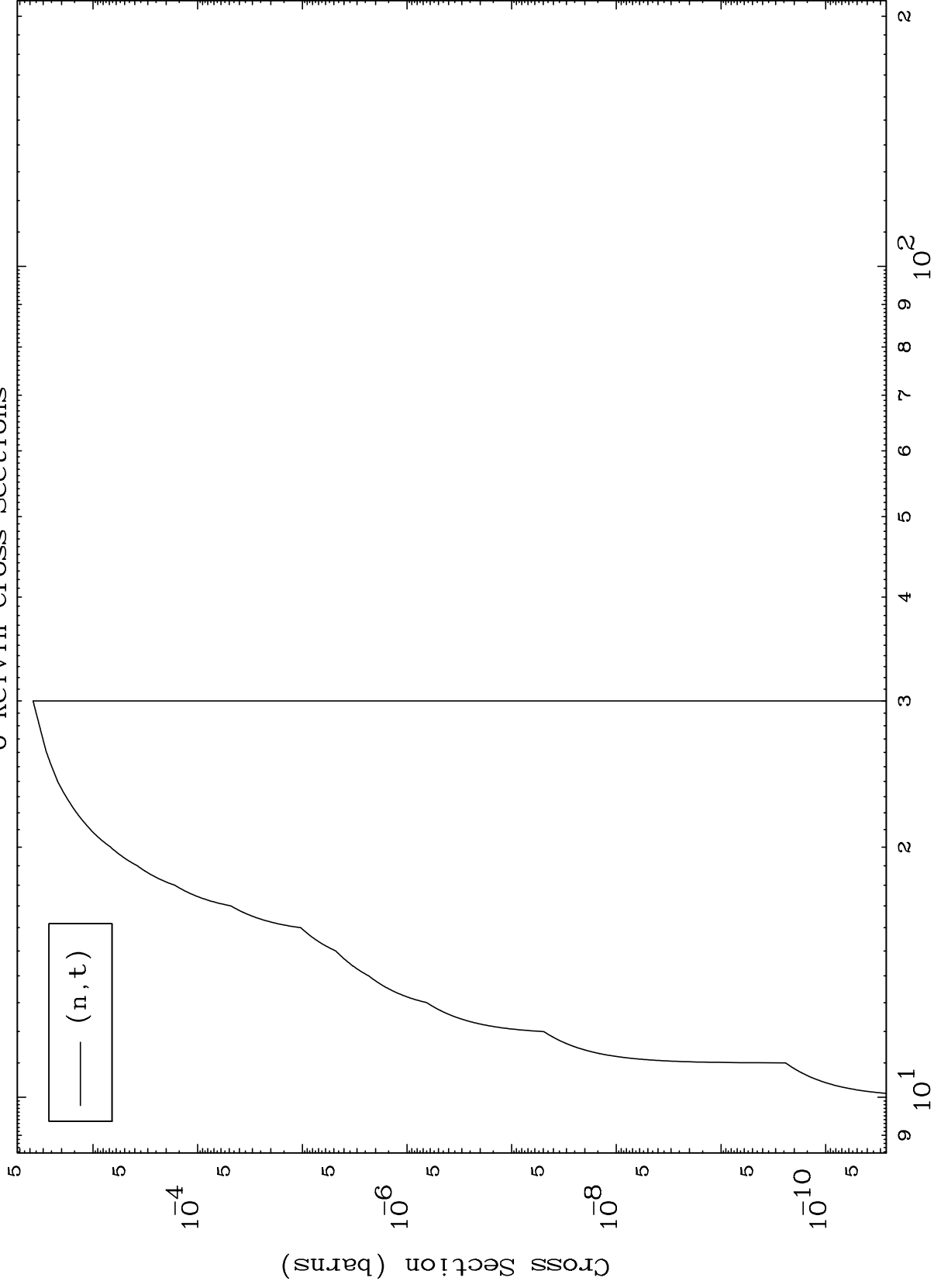
Incident Energy (MeV)

27-Co-62m

MAT 2735

(α, t) Levels
0 Kelvin Cross Sections

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



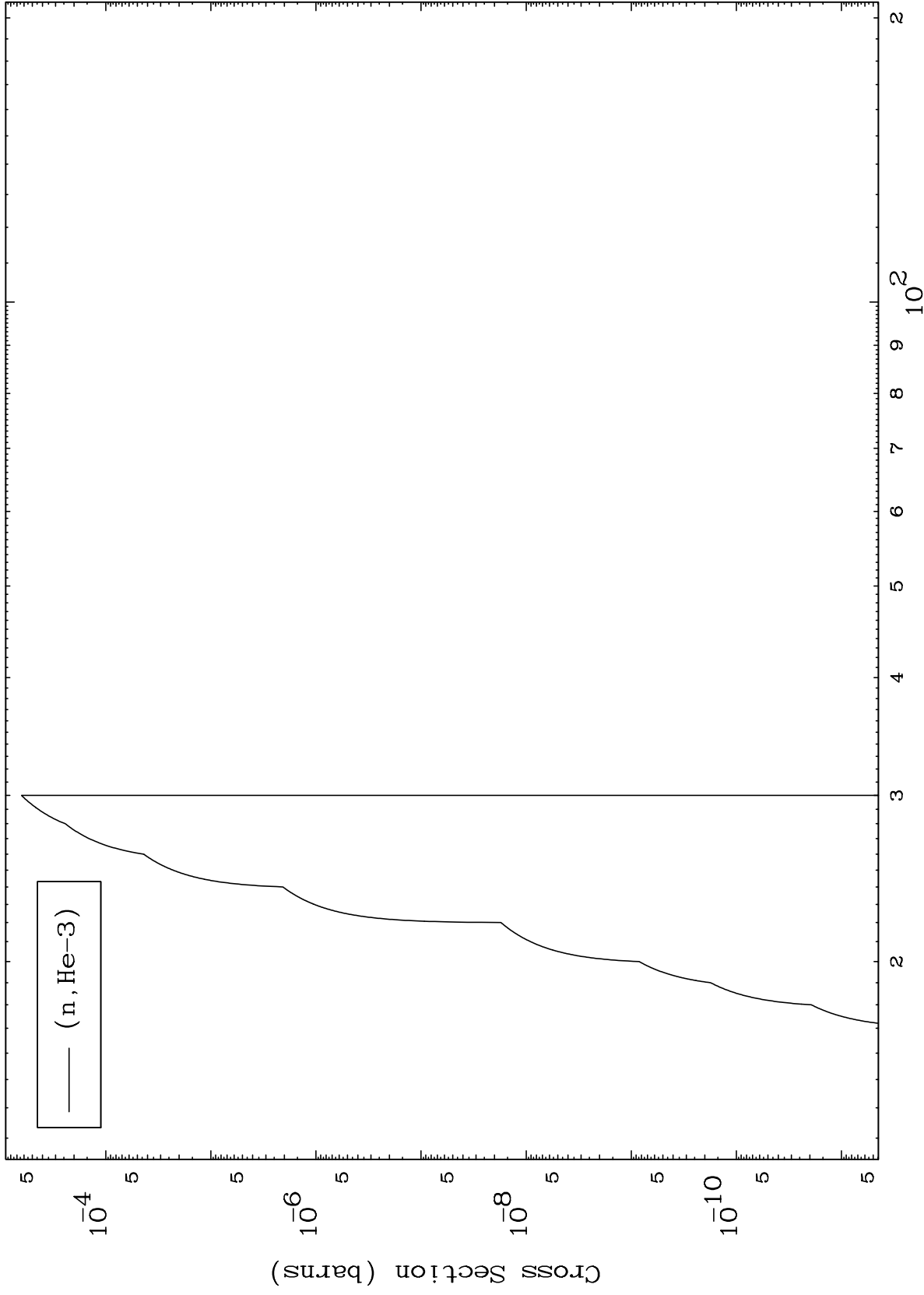
Incident Energy (MeV)

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

MAT 2735

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

27-Co-62m



10

Incident Energy (MeV)

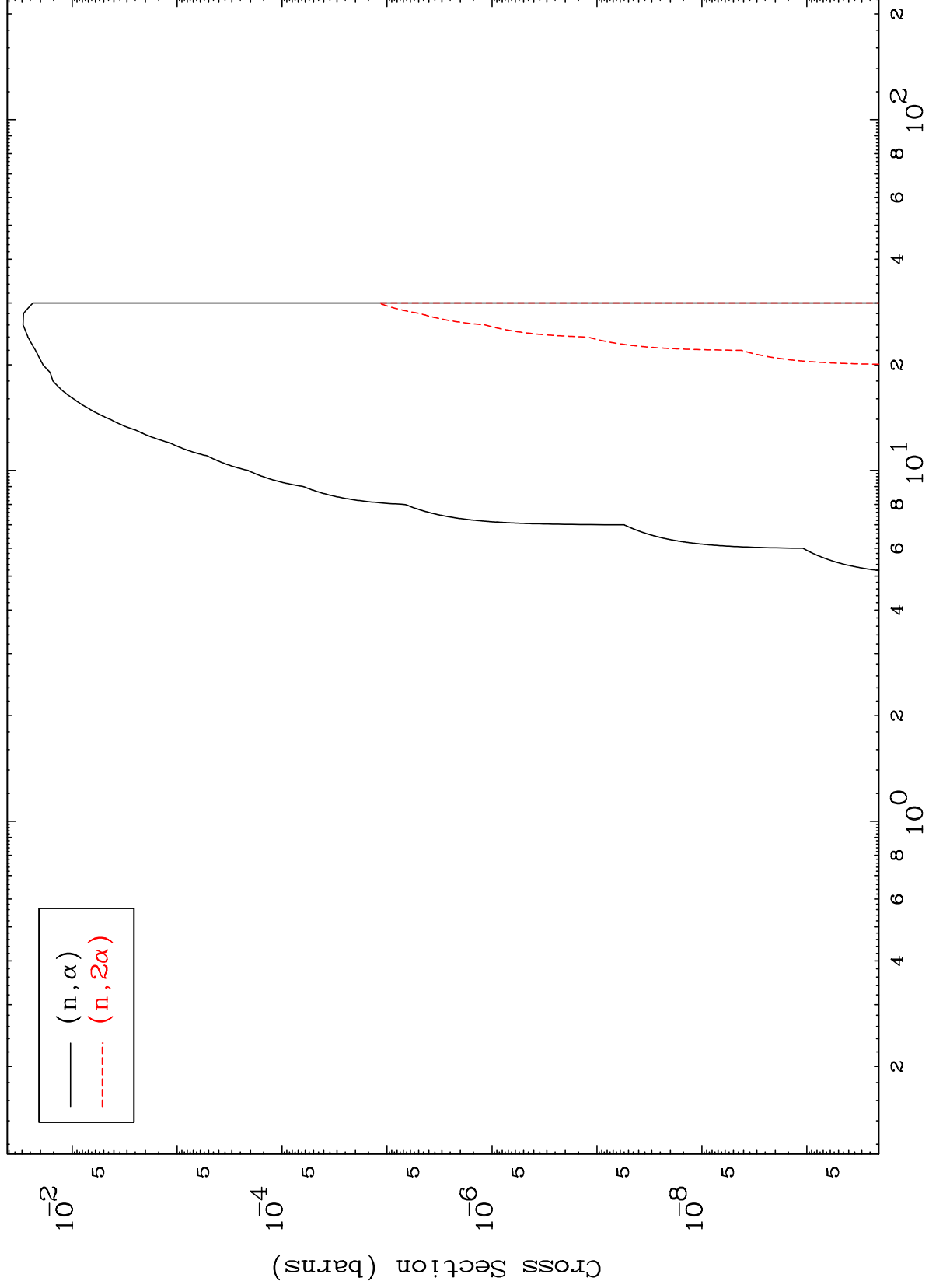
27-Co-62m

MAT 2735

(α, α) Levels

27-Co-62m

0 Kelvin Cross Sections

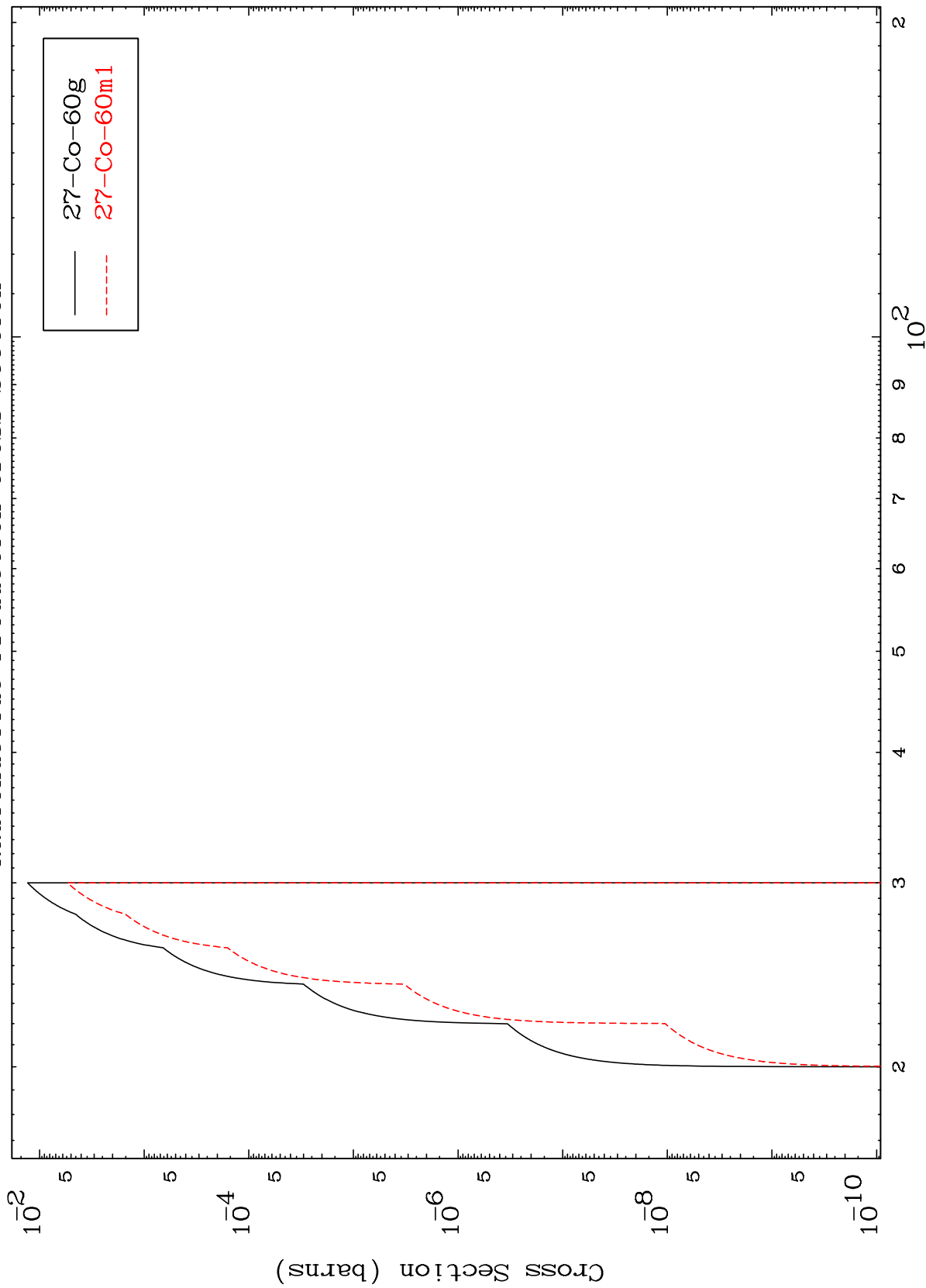


MAT 2735

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

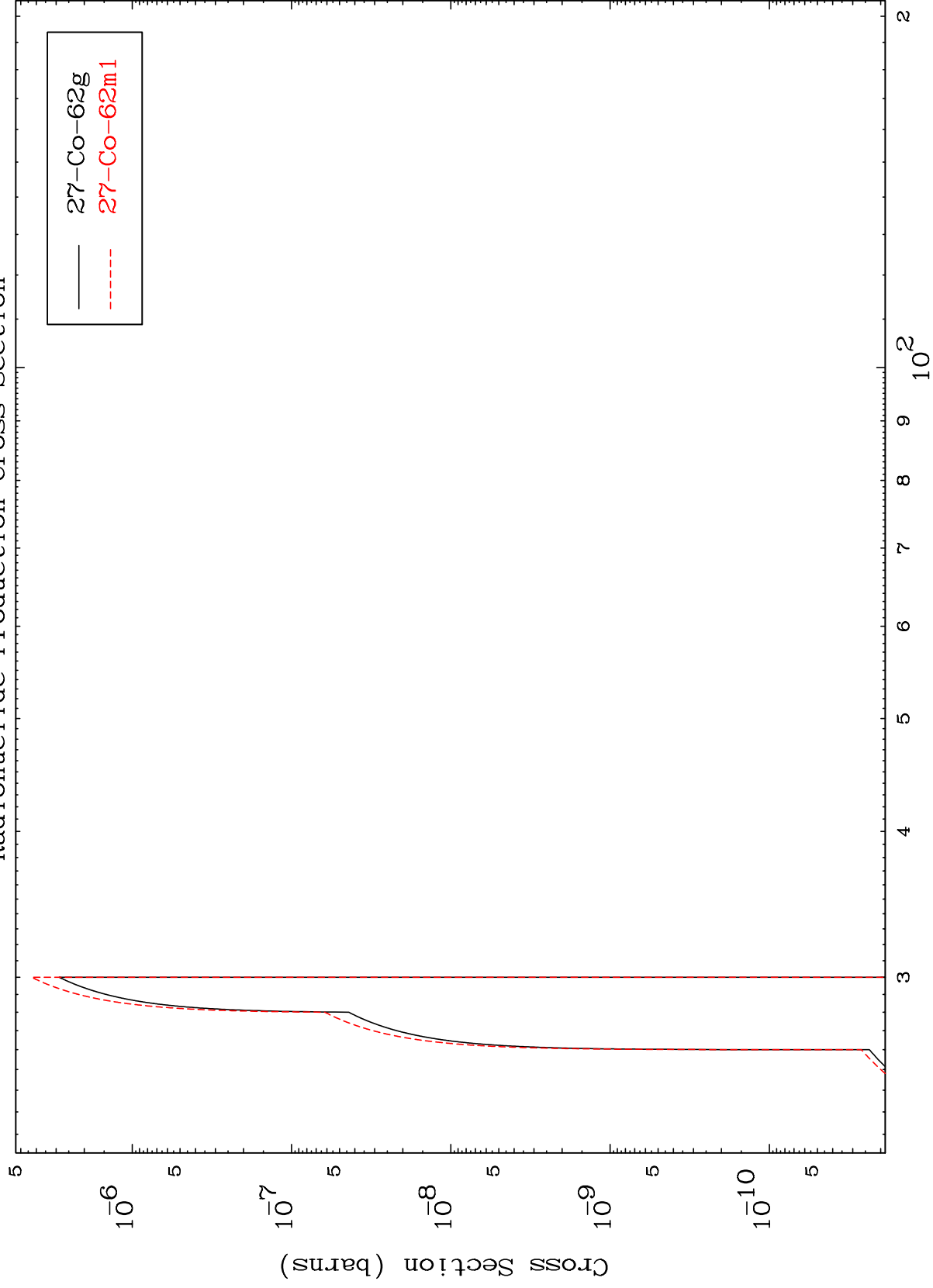
$^{27}\text{Co-62m}$

MAT 2735

(n,n') He-3

27-Co-62m

Radionuclide Production Cross Section

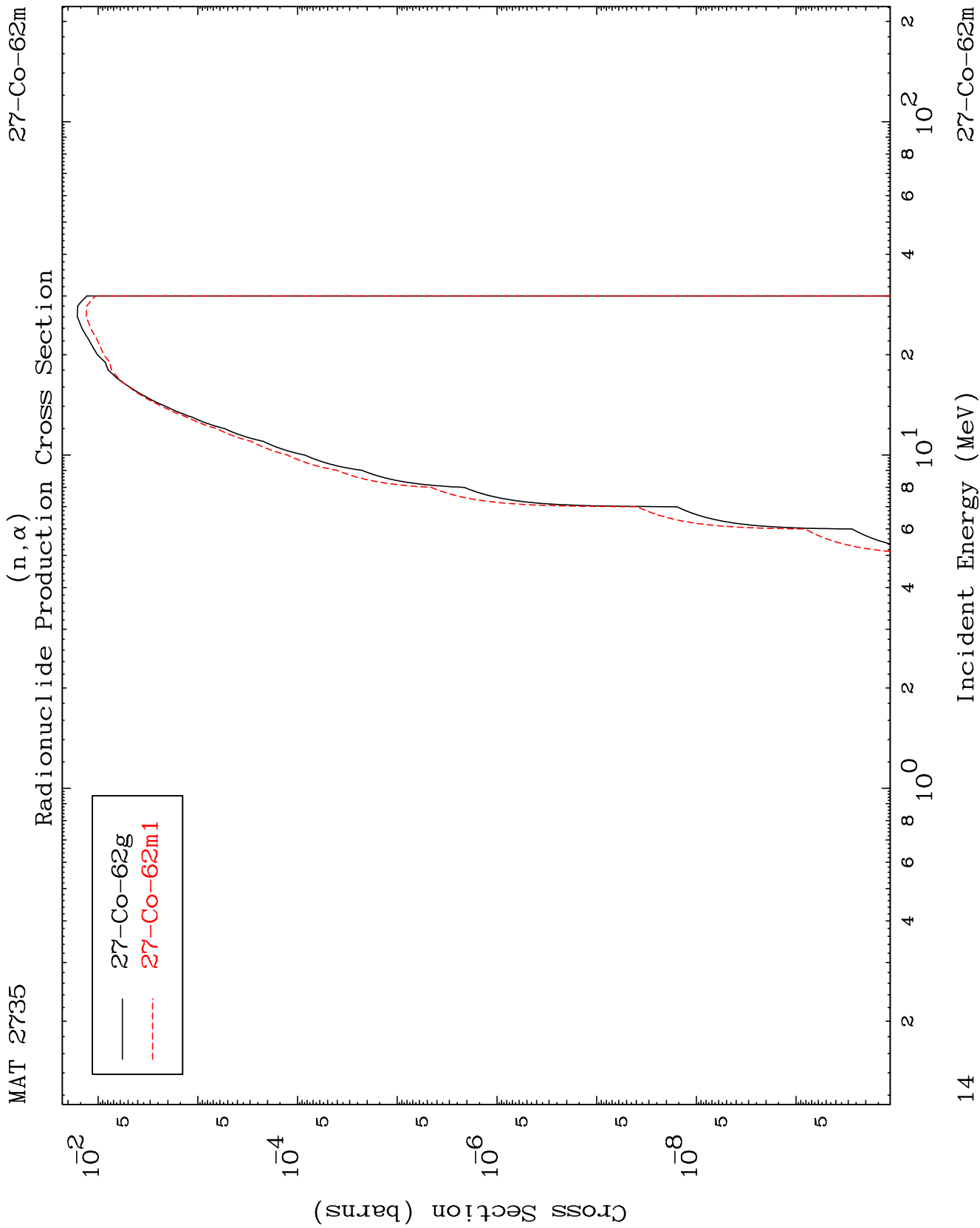


13

Incident Energy (MeV)

27-Co-62m

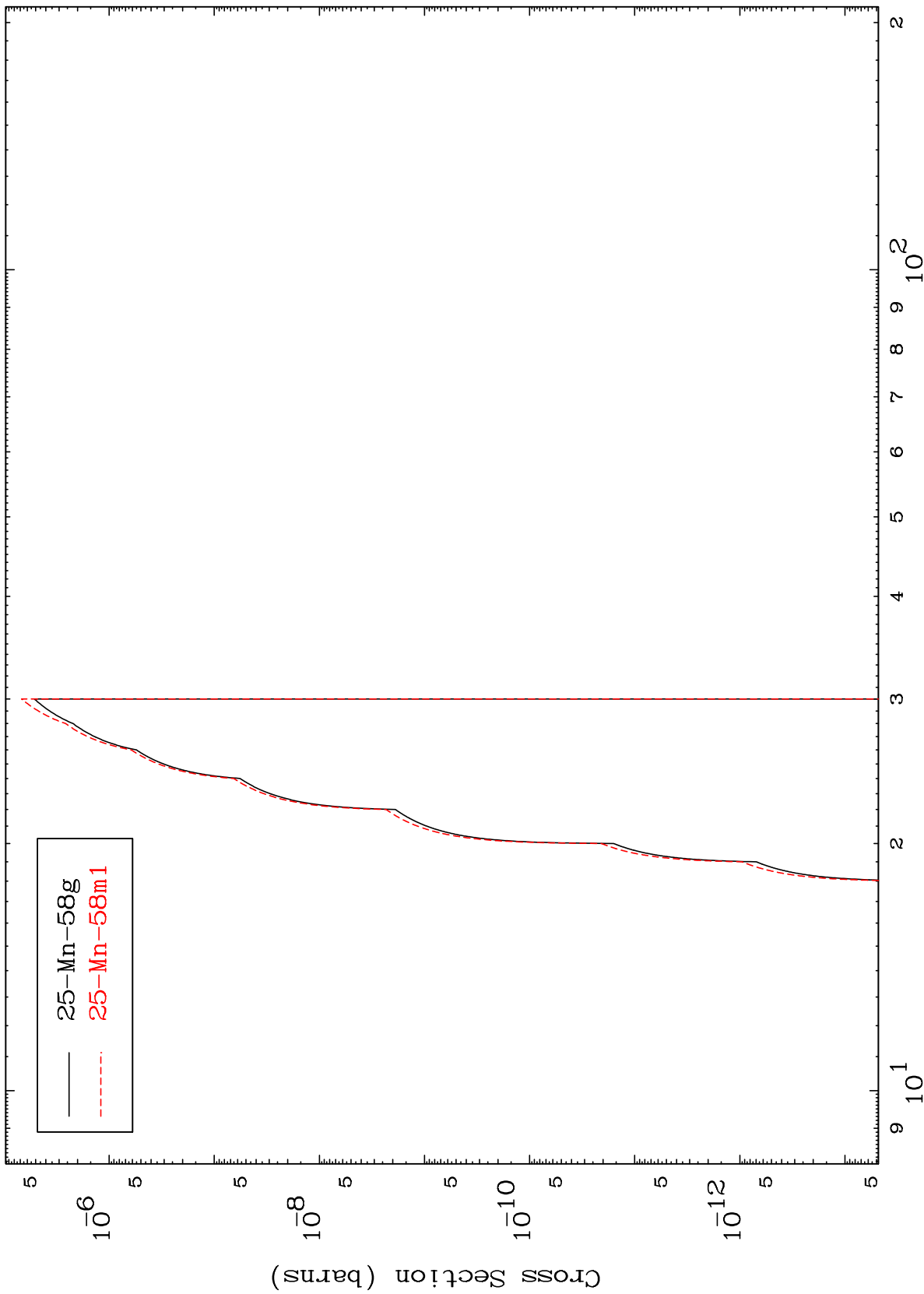
MAT 2735



MAT 2735

27-Co-62m

Radionuclide Production Cross Section
(n,2α)



— 25-Mn-58g
- - - 25-Mn-58m1

27-Co-62m

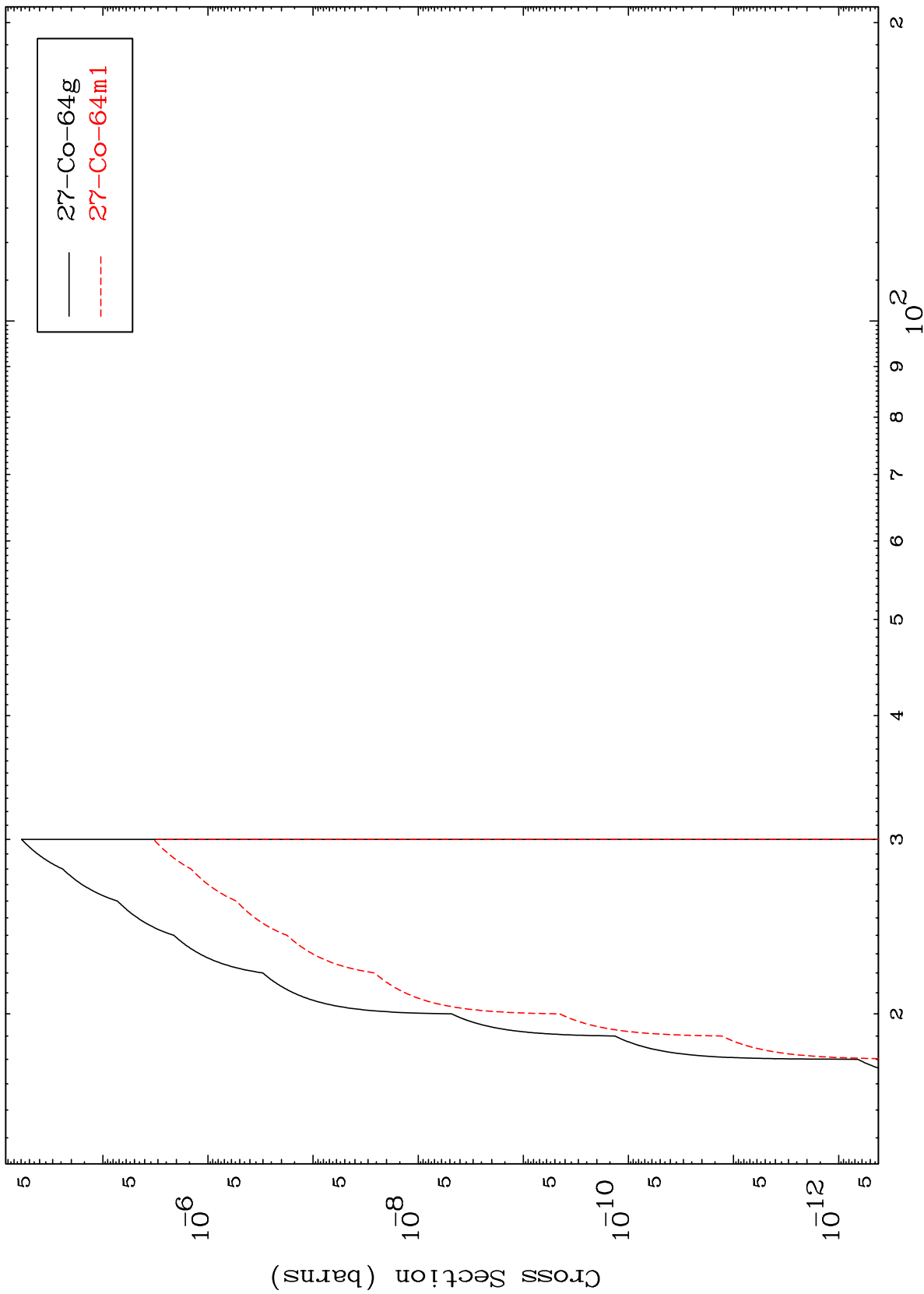
Incident Energy (MeV)

15

MAT 2735

27-Co-62m

(n,2p)
Radionuclide Production Cross Section



16

27-Co-62m

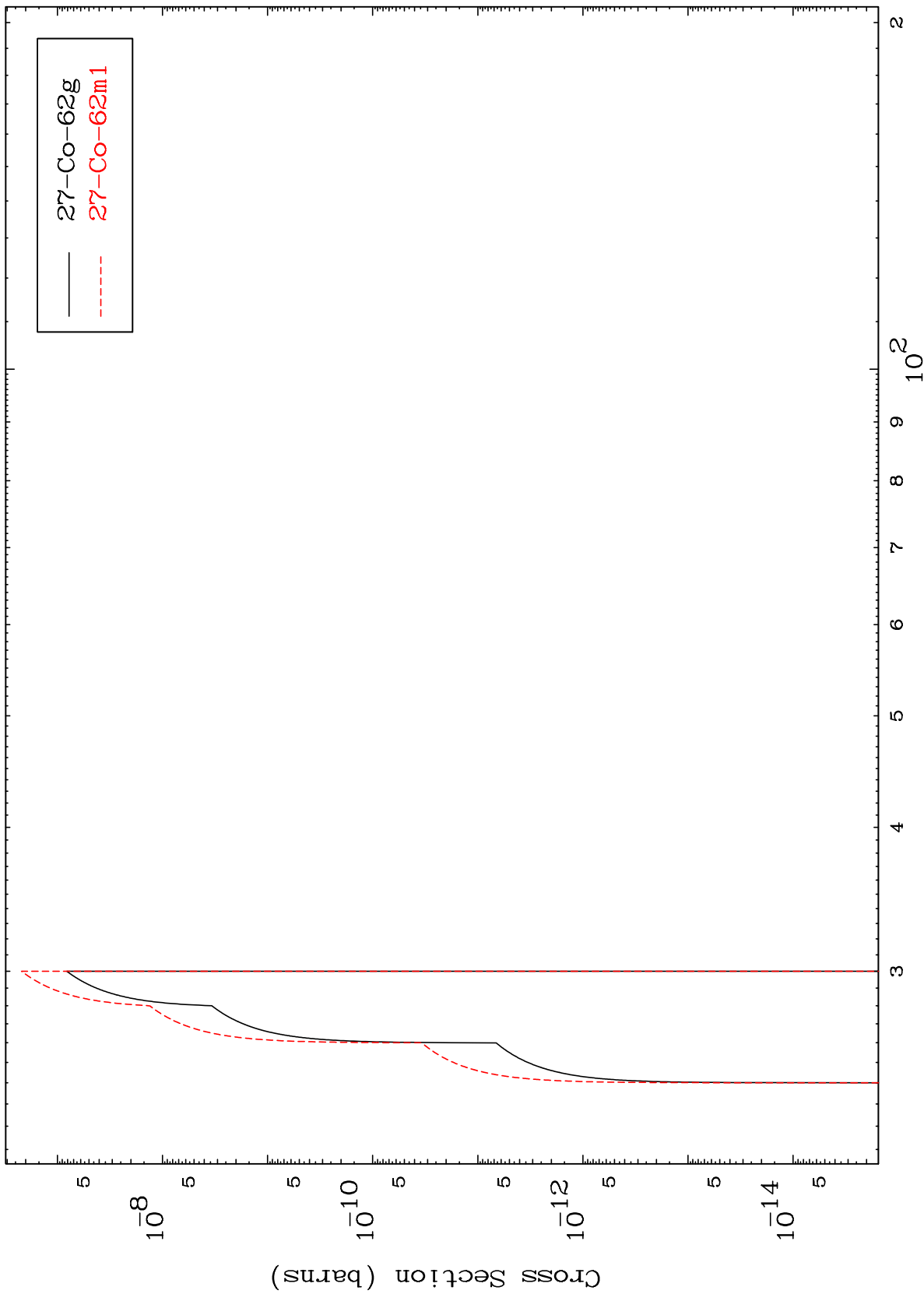
Incident Energy (MeV)

MAT 2735

(n,p) t

27-Co-62m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

27-Co-62m