

Program EVALPLOT
(Version 2018-1)

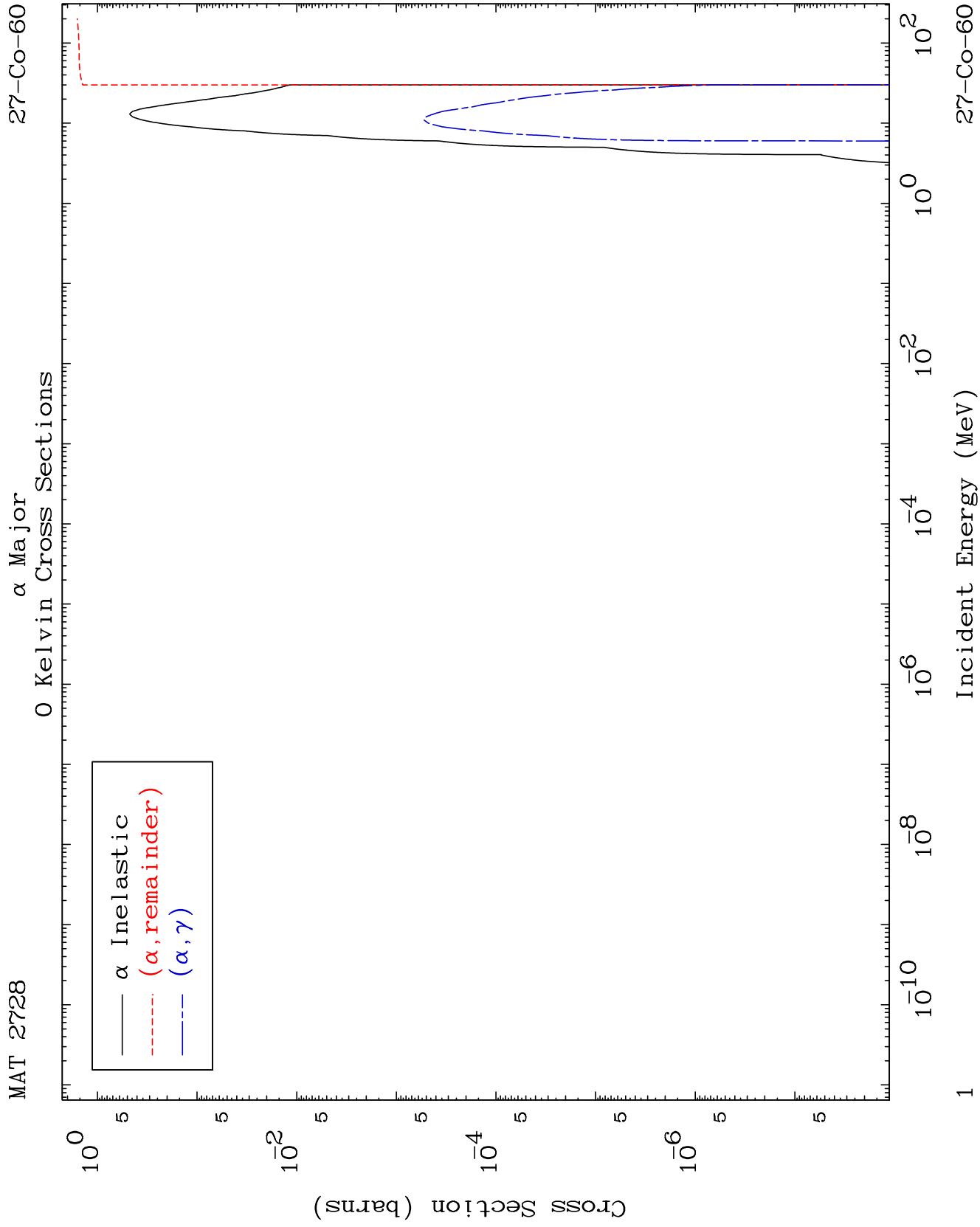
by

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

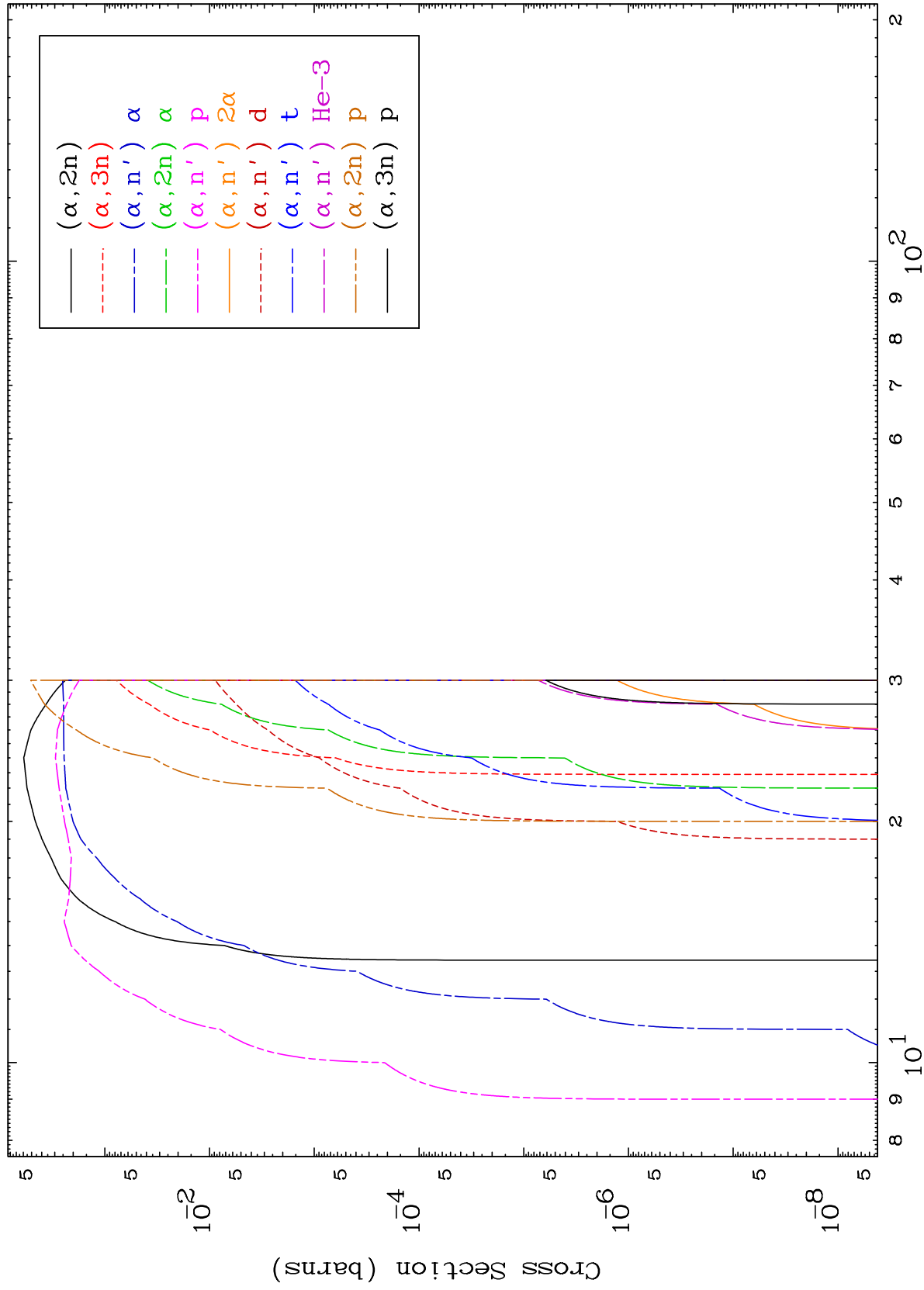
Press Mouse Button to Start



MAT 2728

α Neutron Production
0 Kelvin Cross Sections

27-Co-60



2

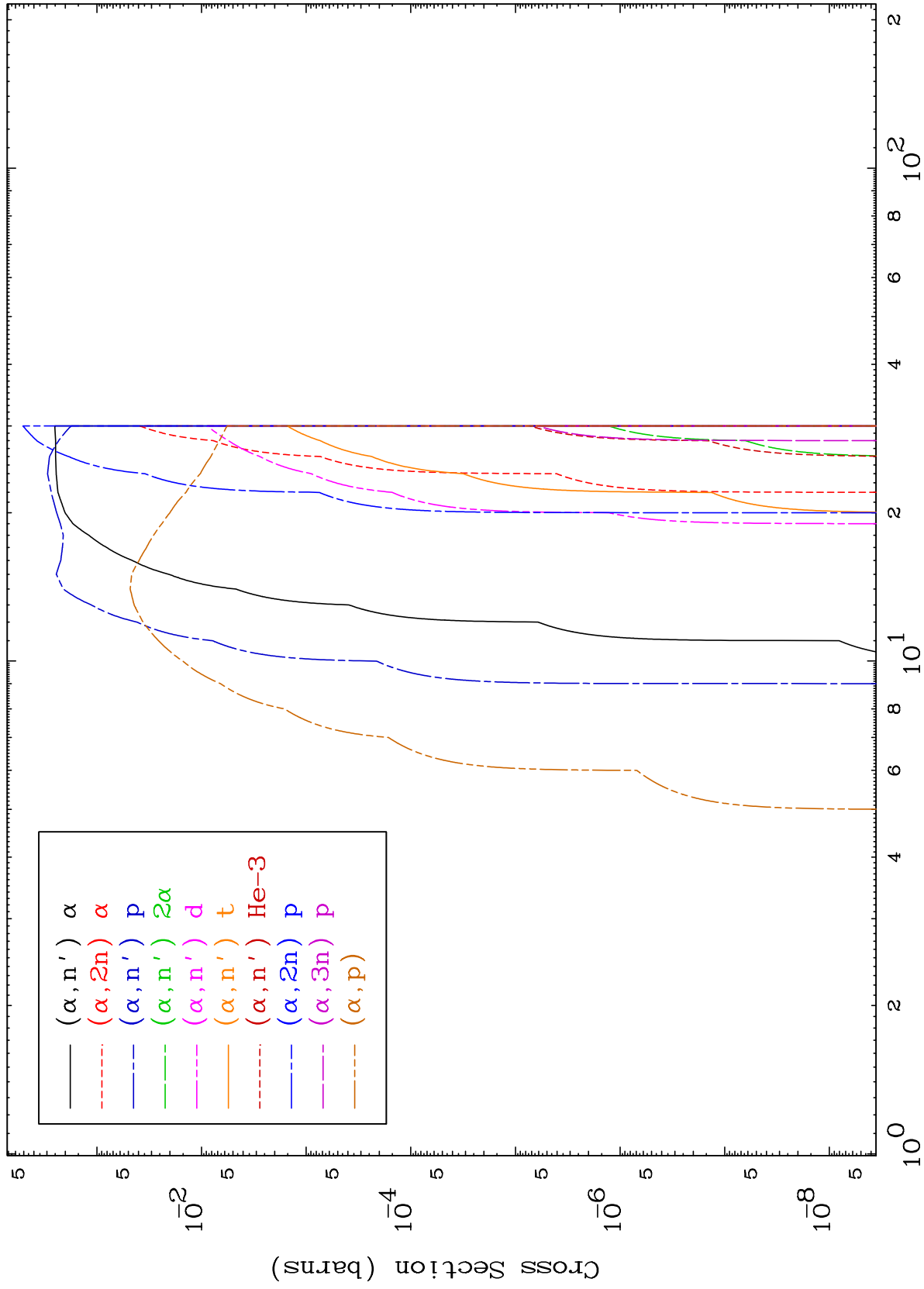
Incident Energy (MeV)

27-Co-60

MAT 2728

α Charged Particle
0 Kelvin Cross Sections

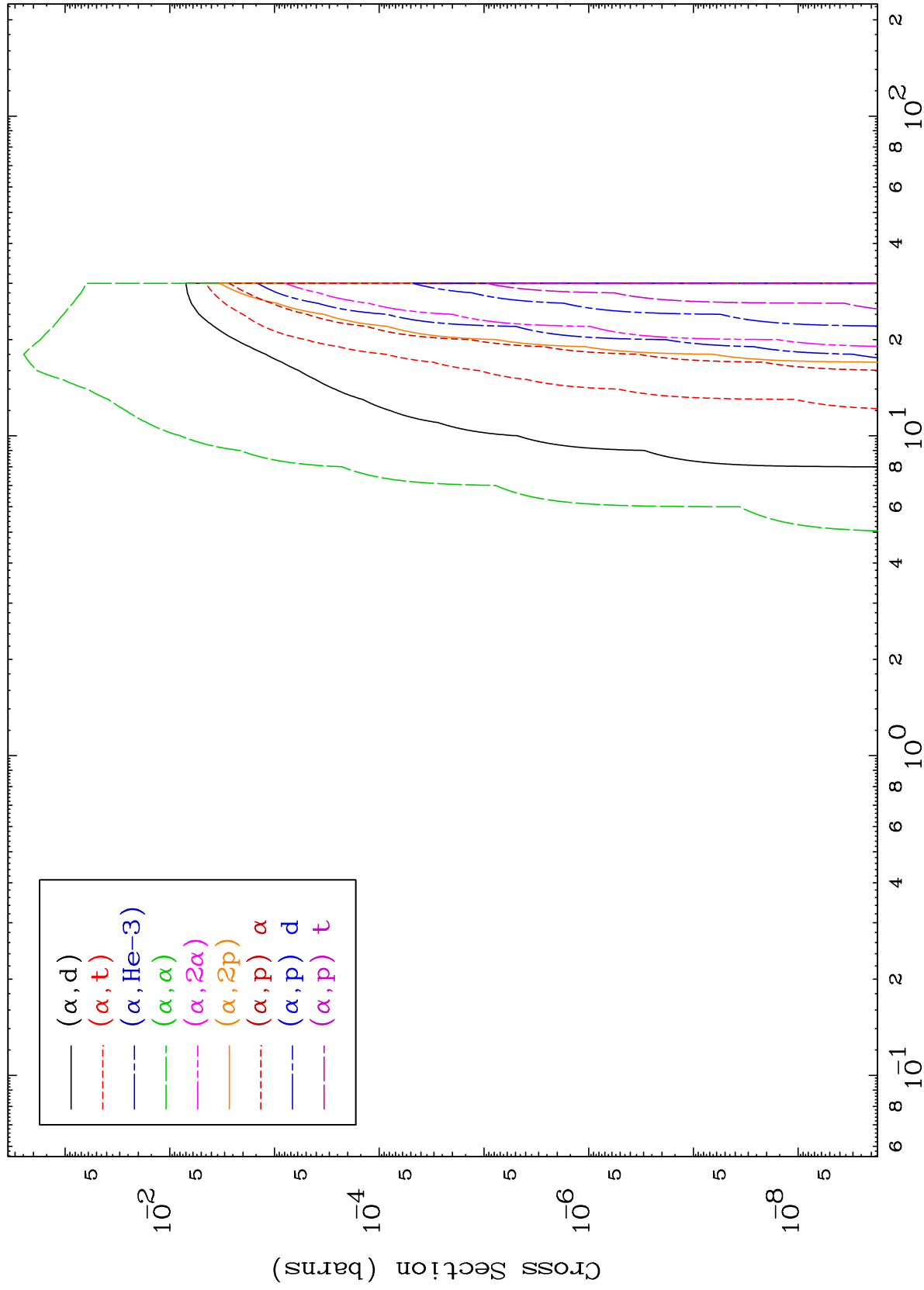
27-Co-60



MAT 2728

α Charged Particle
0 Kelvin Cross Sections

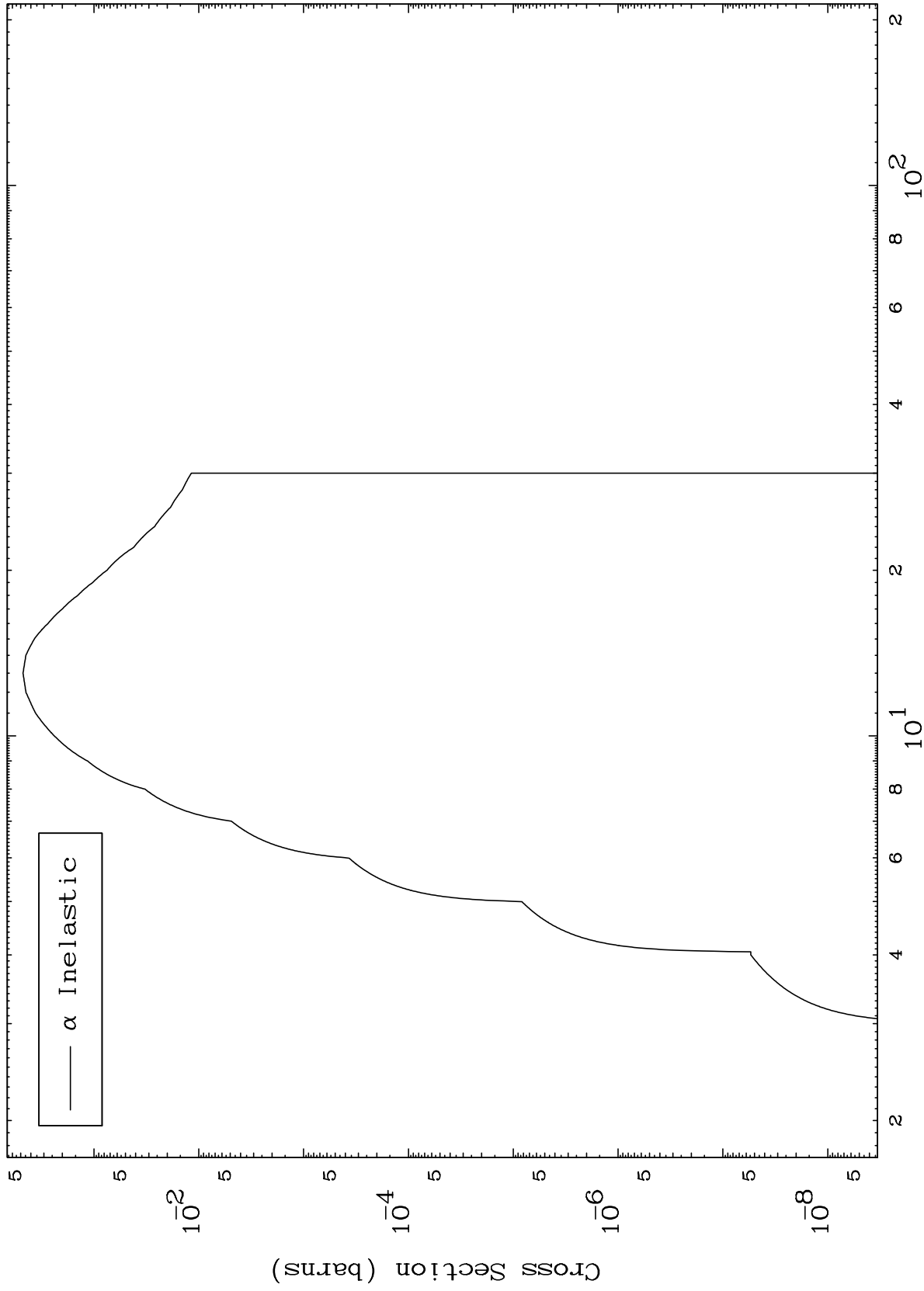
27-Co-60



MAT 2728

27-Co-60

(α, n') Level
0 Kelvin Cross Sections



α Inelastic

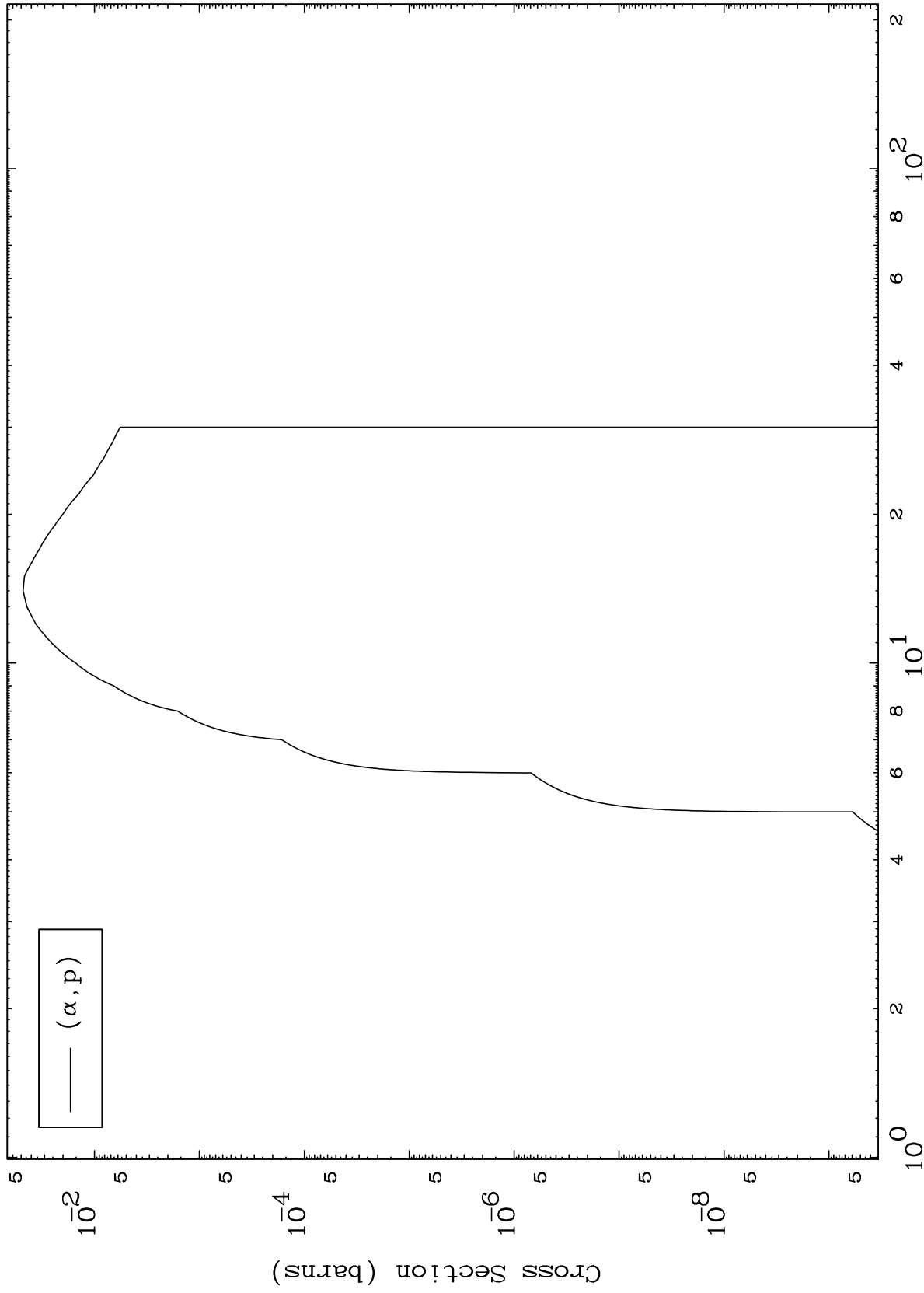
5

27-Co-60

MAT 2728

27-Co-60

(α ,p) Levels
0 Kelvin Cross Sections



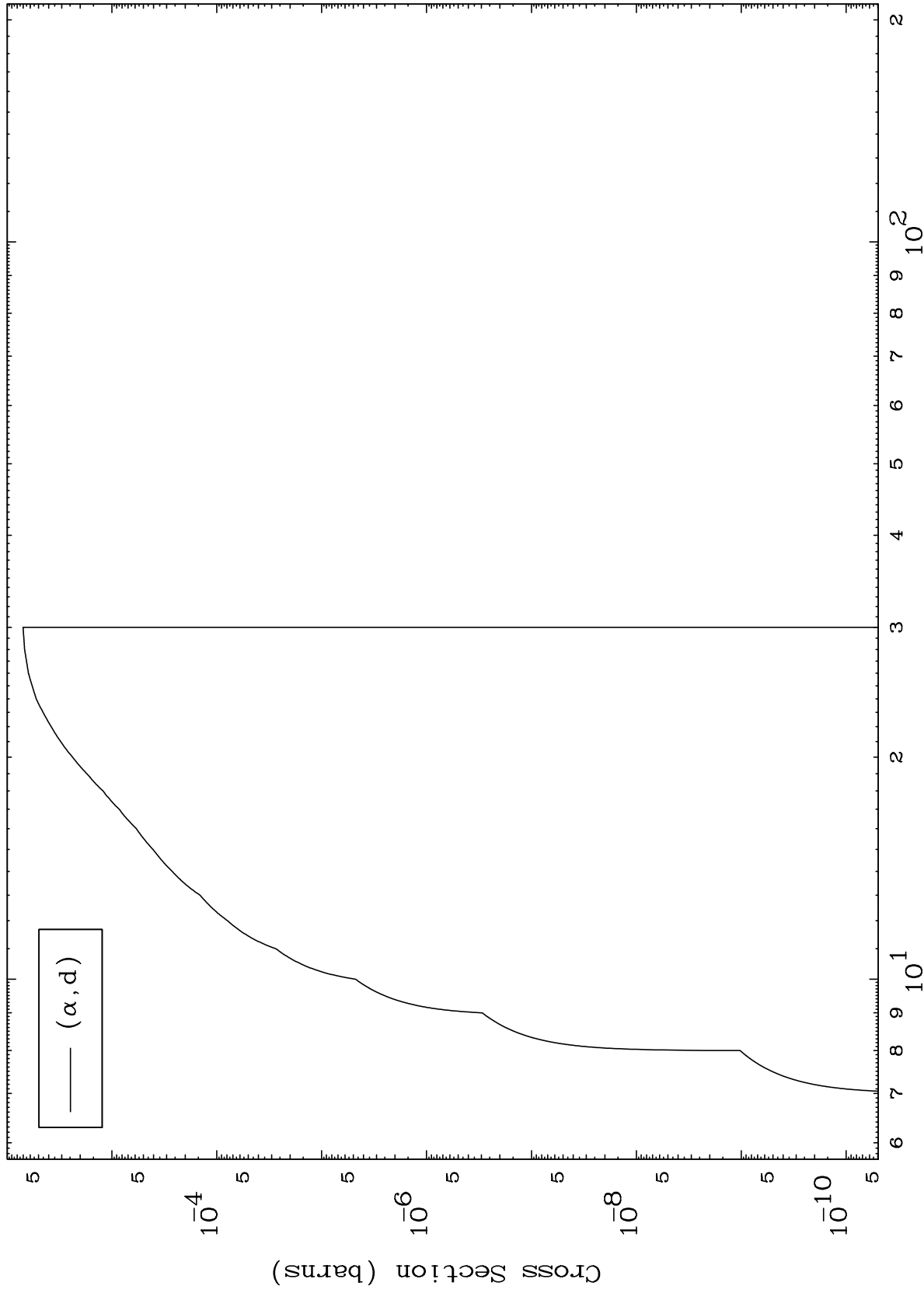
Incident Energy (MeV)

27-Co-60

MAT 2728

27-Co-60

(α ,d) Levels
0 Kelvin Cross Sections



7

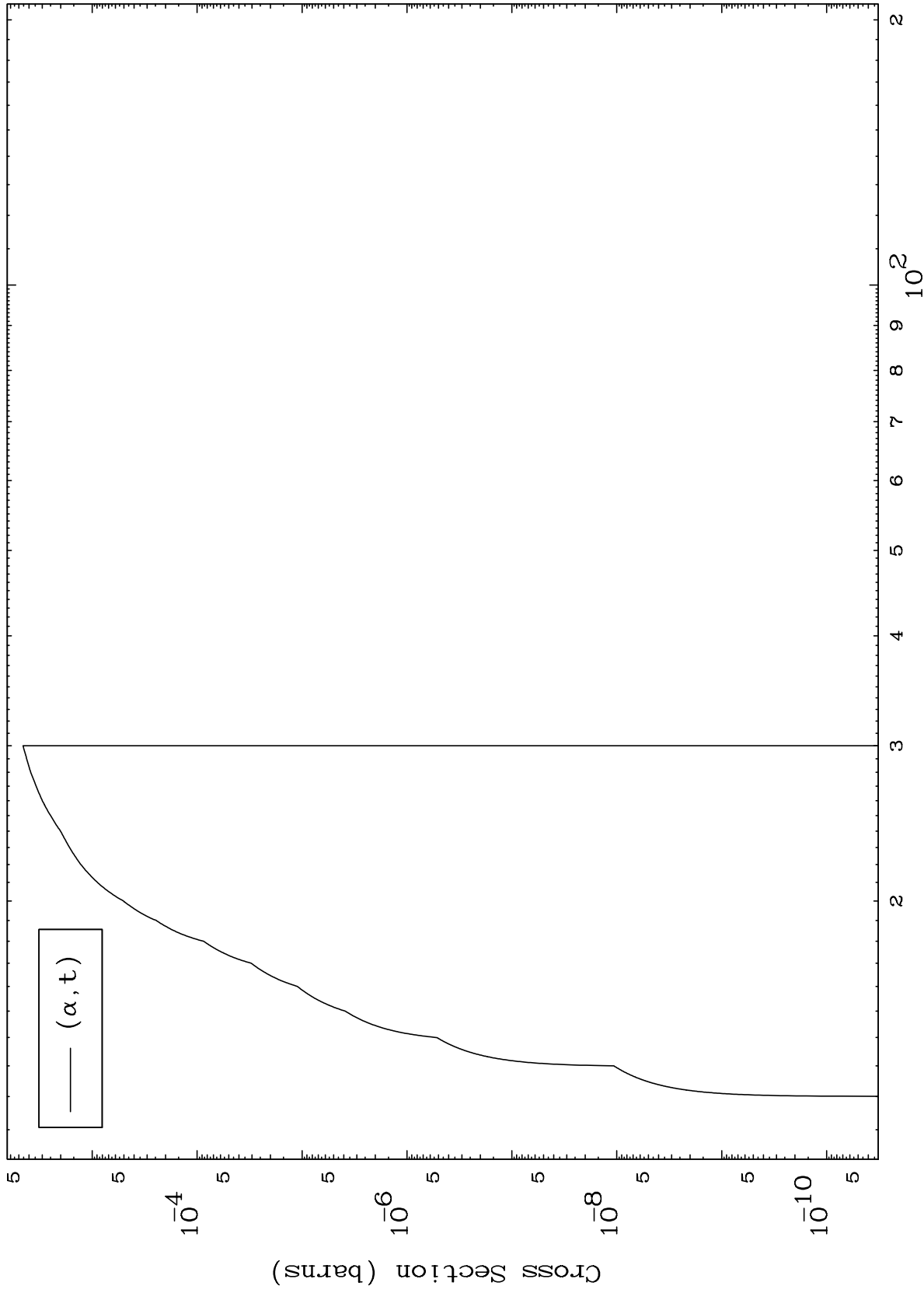
Incident Energy (MeV)

27-Co-60

MAT 2728

27-Co-60

(α, t) Levels
0 Kelvin Cross Sections



8

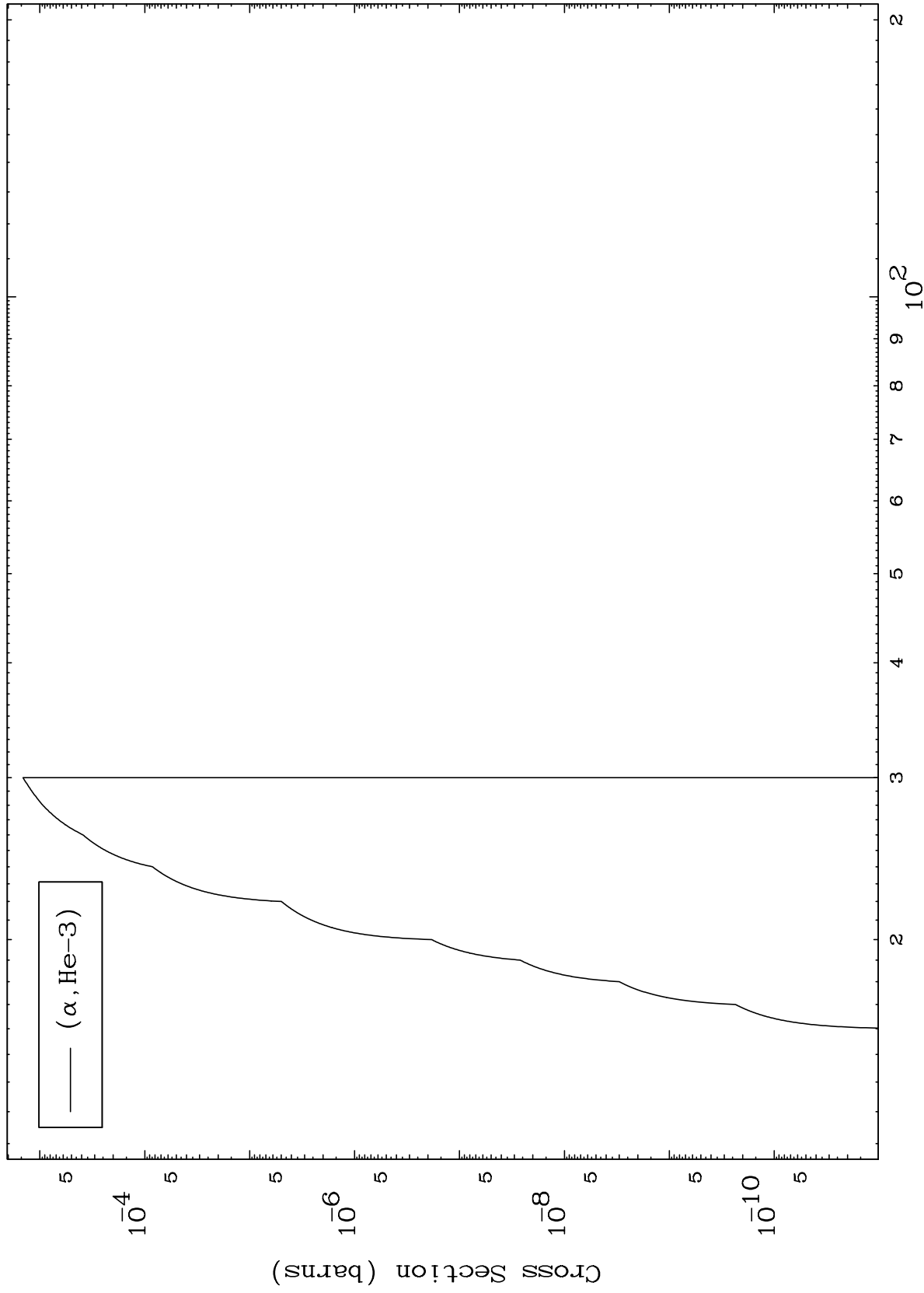
Incident Energy (MeV)

27-Co-60

MAT 2728

27-Co-60

(α ,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

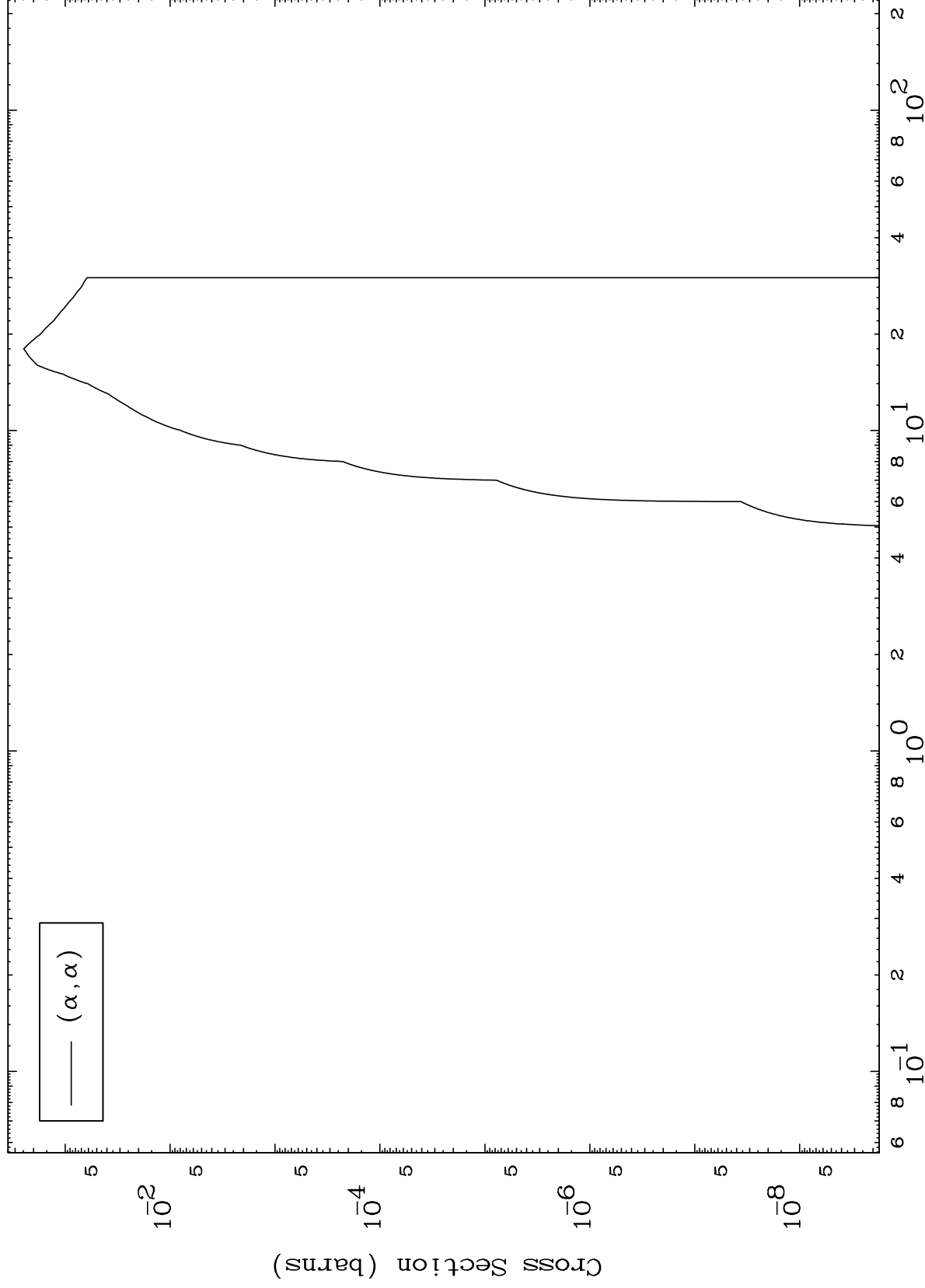
27-Co-60

MAT 2728

(α, α) Levels

27-Co-60

0 Kelvin Cross Sections



10

Incident Energy (MeV)

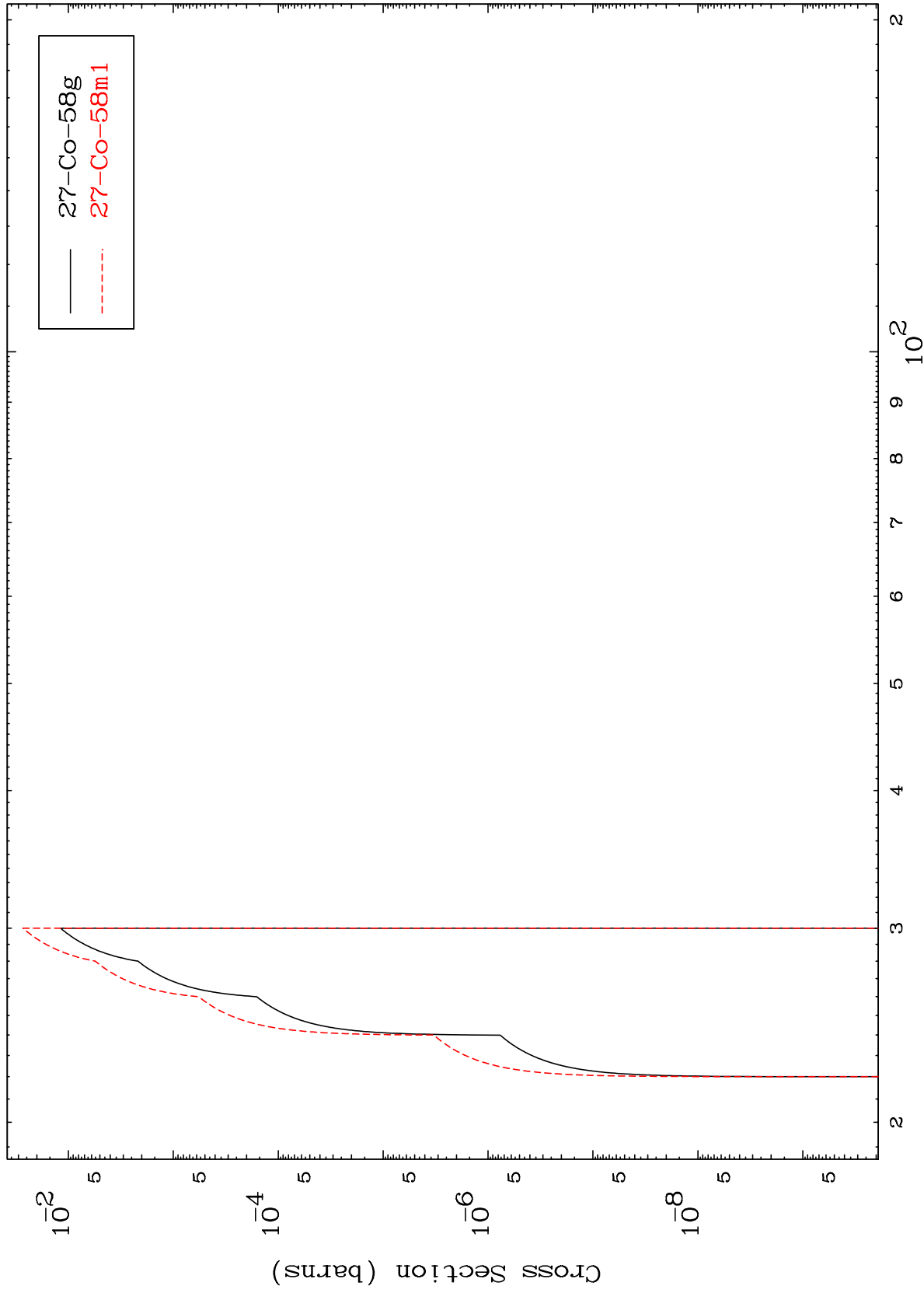
27-Co-60

MAT 2728

$(\alpha, 2n) \alpha$

27-Co-60

Radionuclide Production Cross Section



11

Incident Energy (MeV)

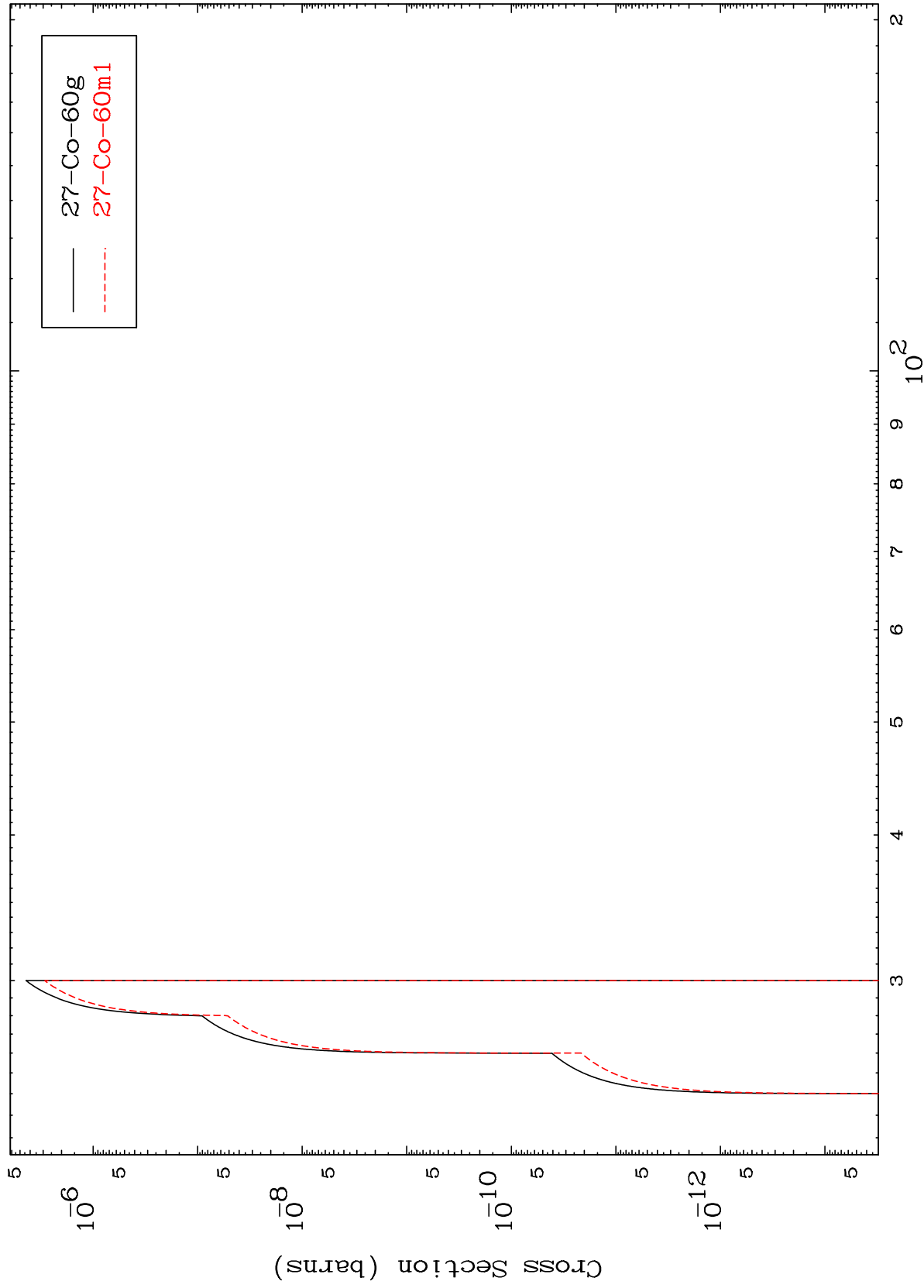
27-Co-60

MAT 2728

(α, n') He-3

$^{27}\text{Co-60}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

10^2

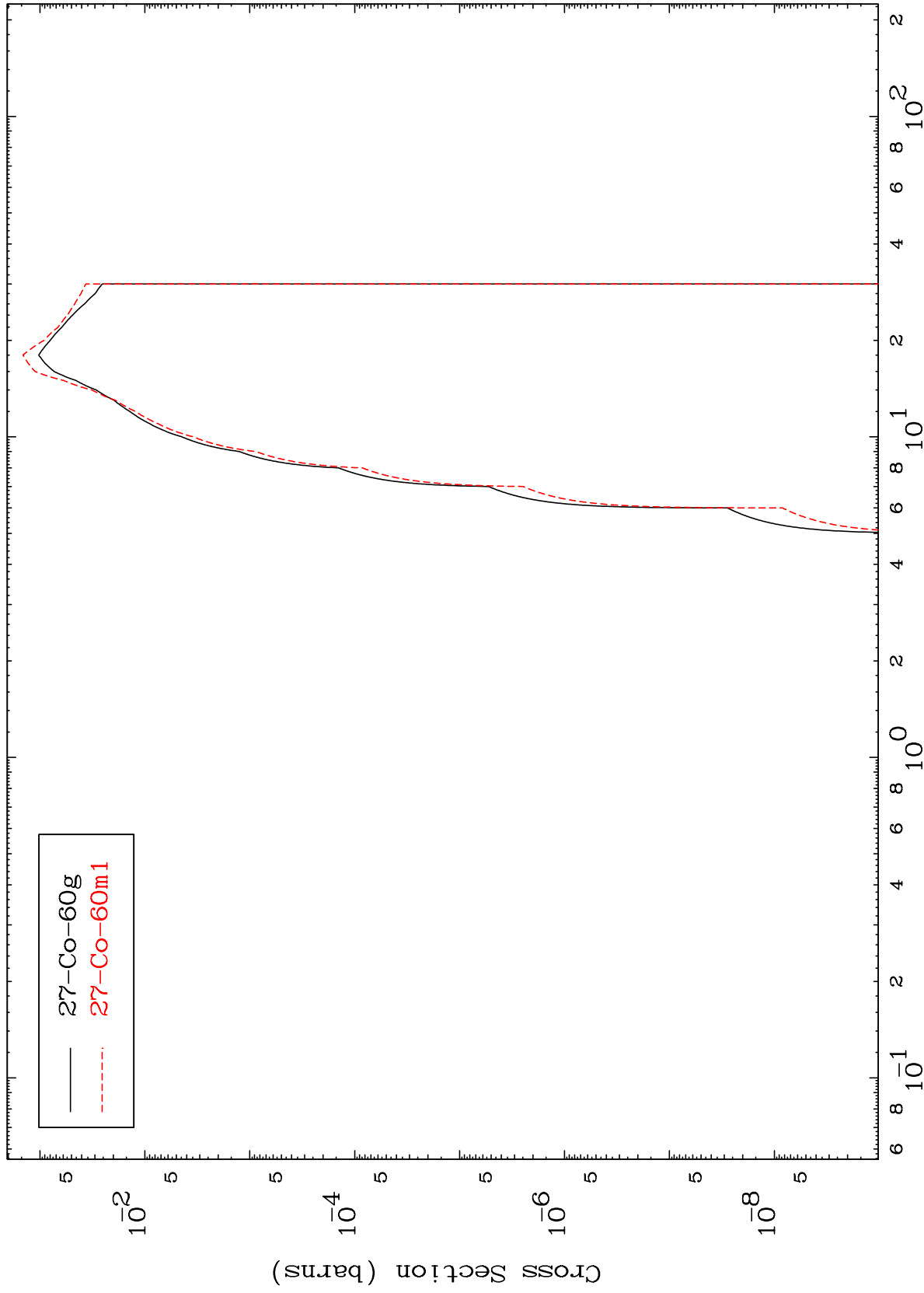
$^{27}\text{Co-60}$

MAT 2728

(α, α)

$^{27}\text{Co-60}$

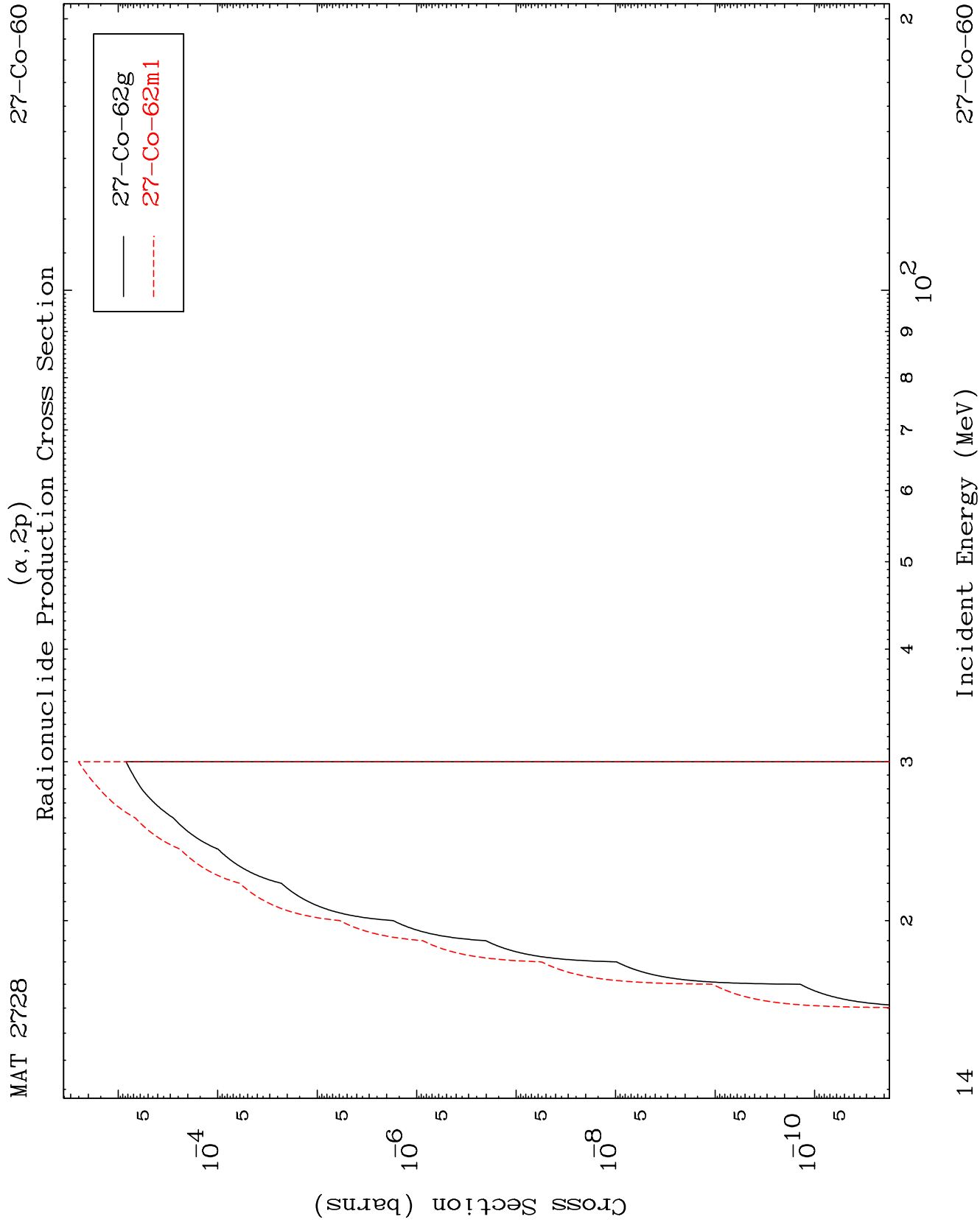
Radionuclide Production Cross Section



13

Incident Energy (MeV)

$^{27}\text{Co-60}$

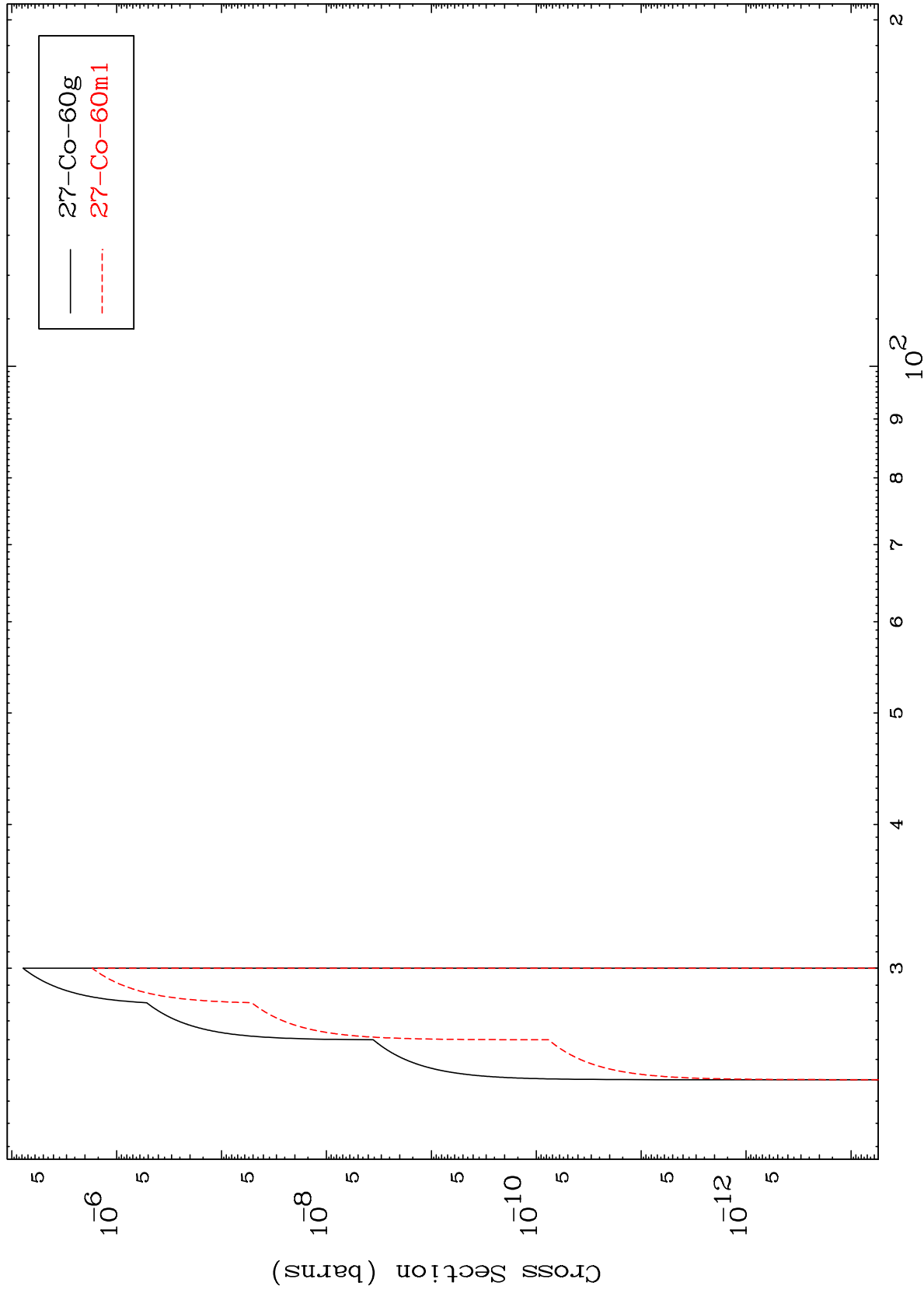


MAT 2728

(α, p) t

$^{27}\text{Co-60}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{27}\text{Co-60}$