

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

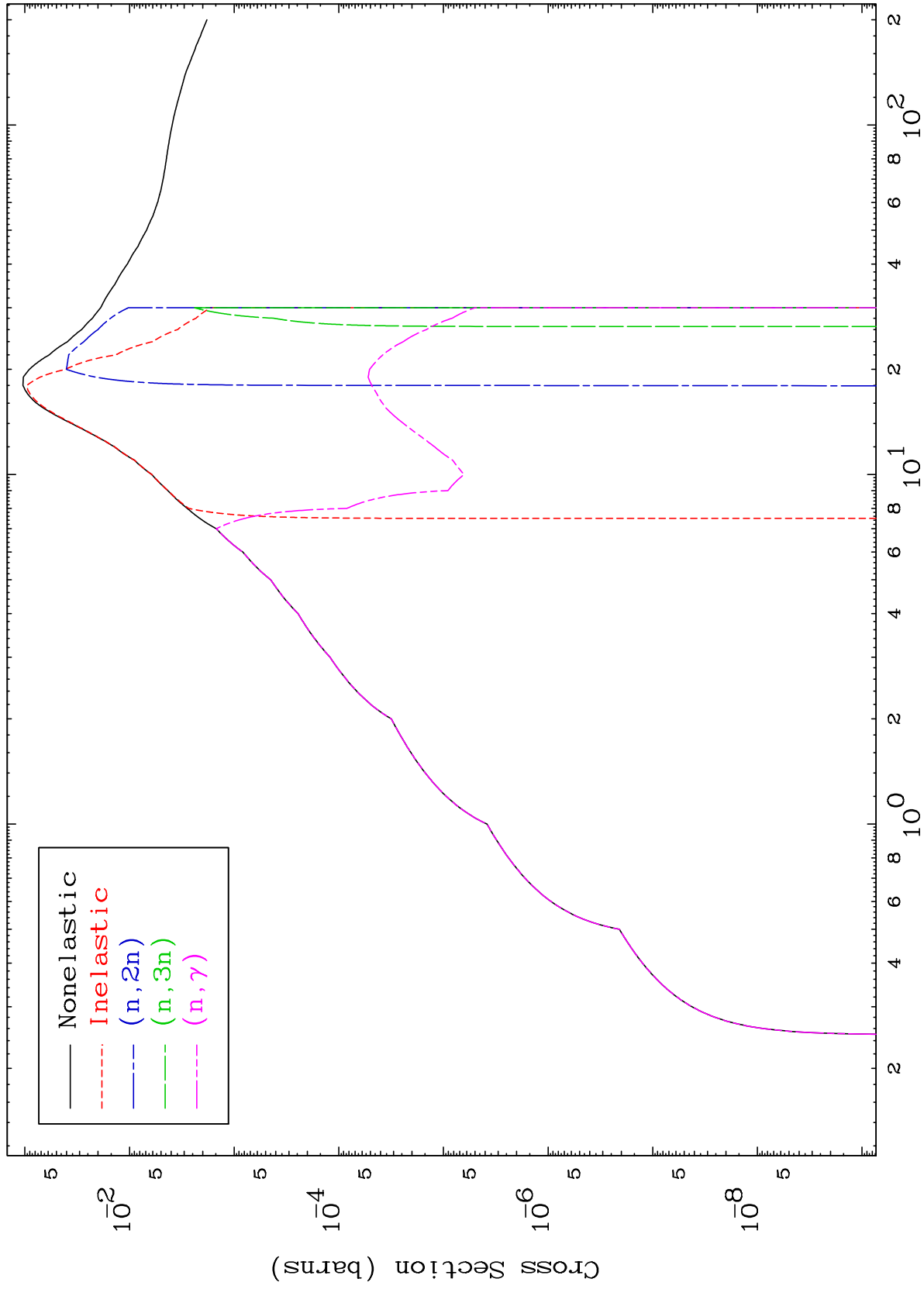
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2728

0 Kelvin Major
Photon Cross Sections

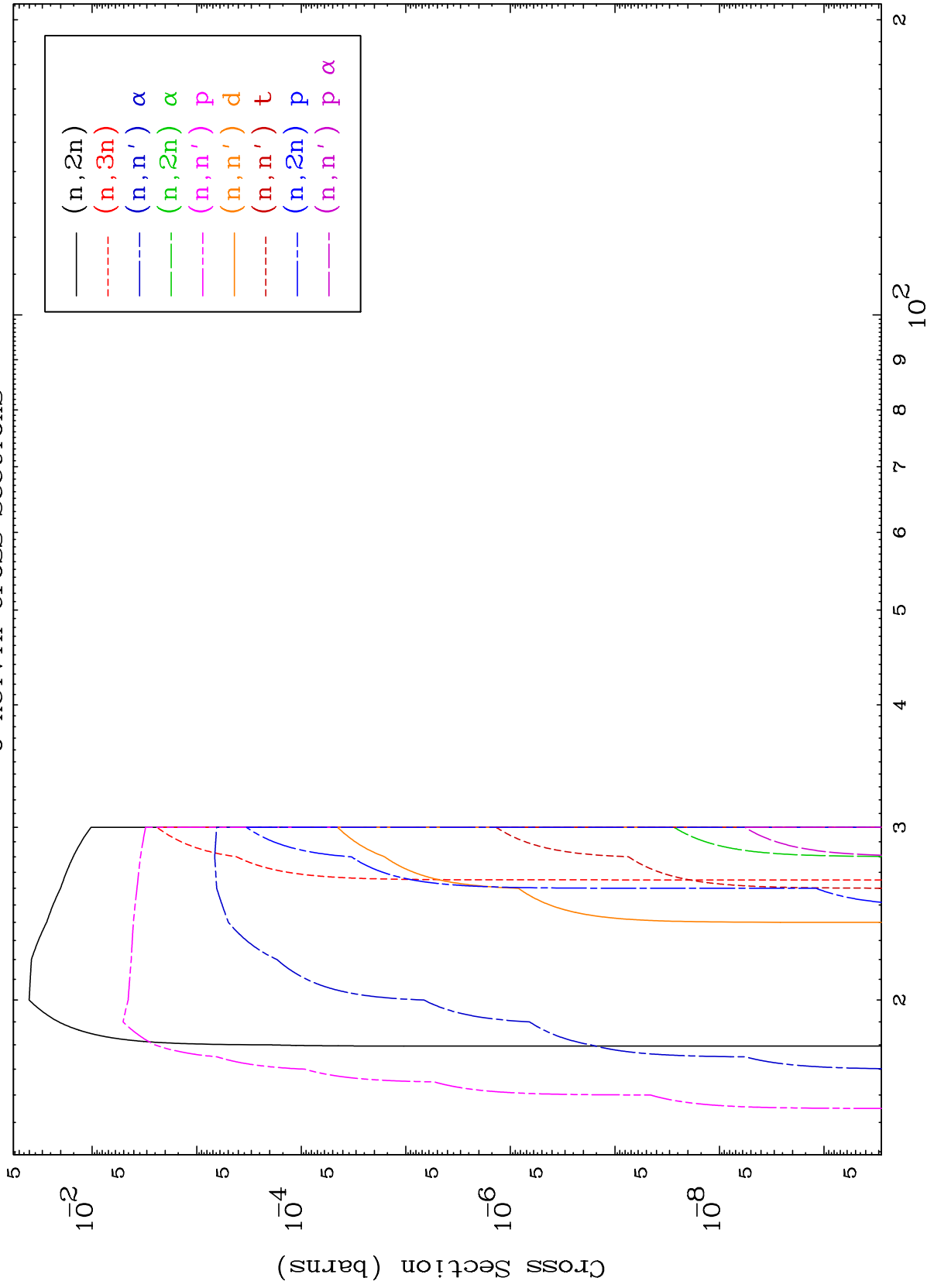
27-Co-60



MAT 2728

Photon Neutron Absorption
0 Kelvin Cross Sections

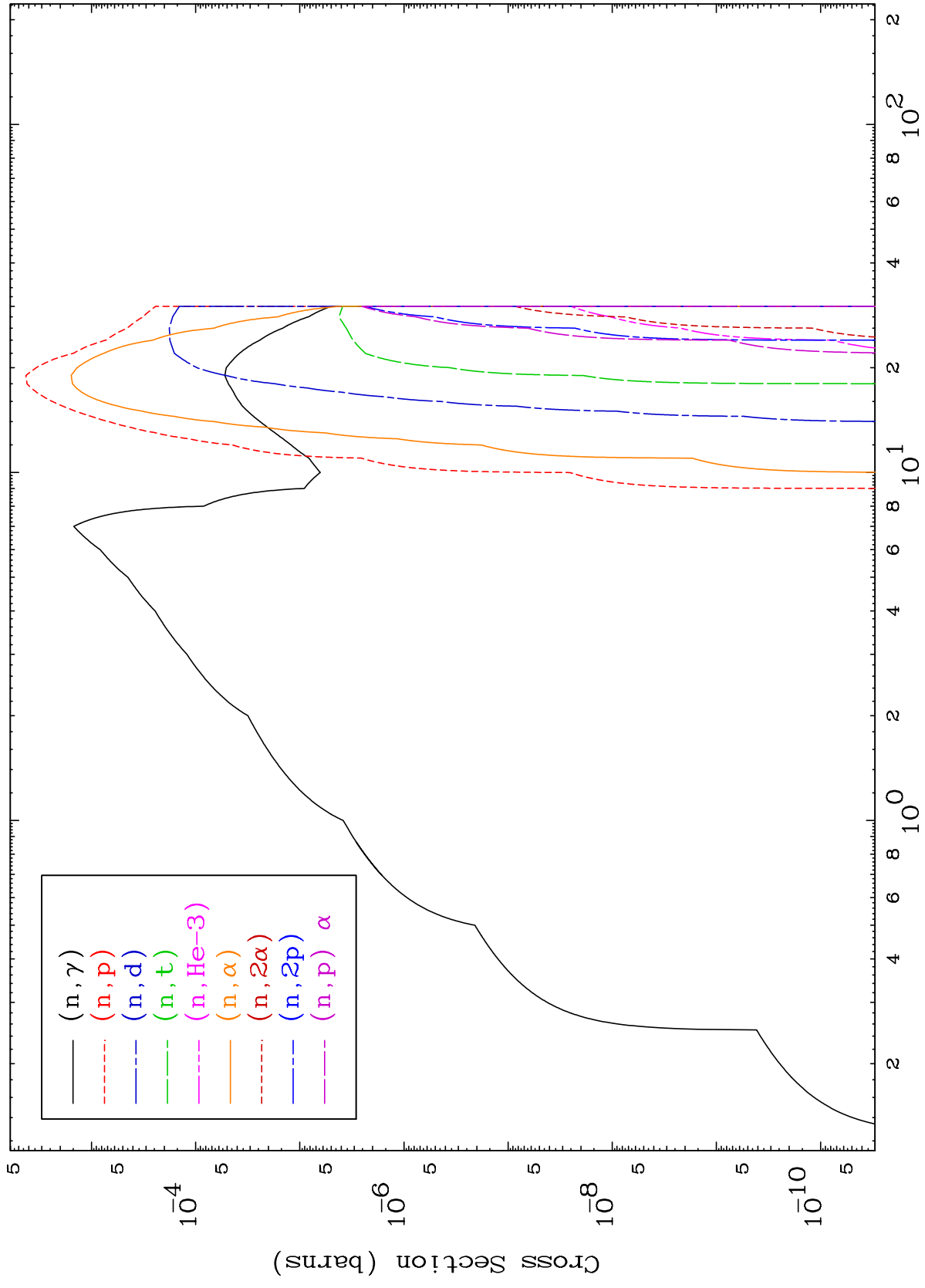
27-Co-60



2

Incident Energy (MeV)

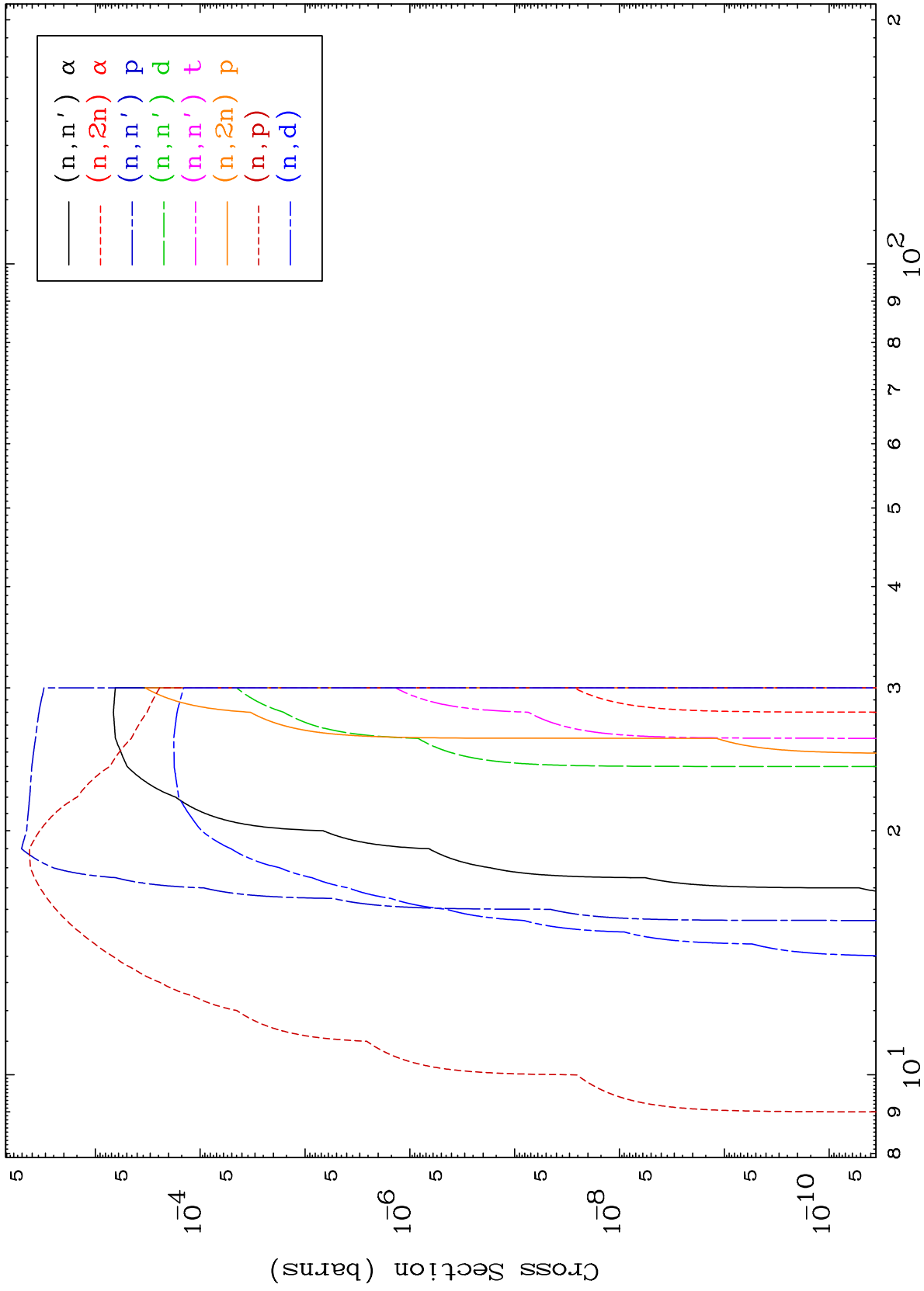
27-Co-60



MAT 2728

Photon Charged Particle
0 Kelvin Cross Sections

27-Co-60



27-Co-60

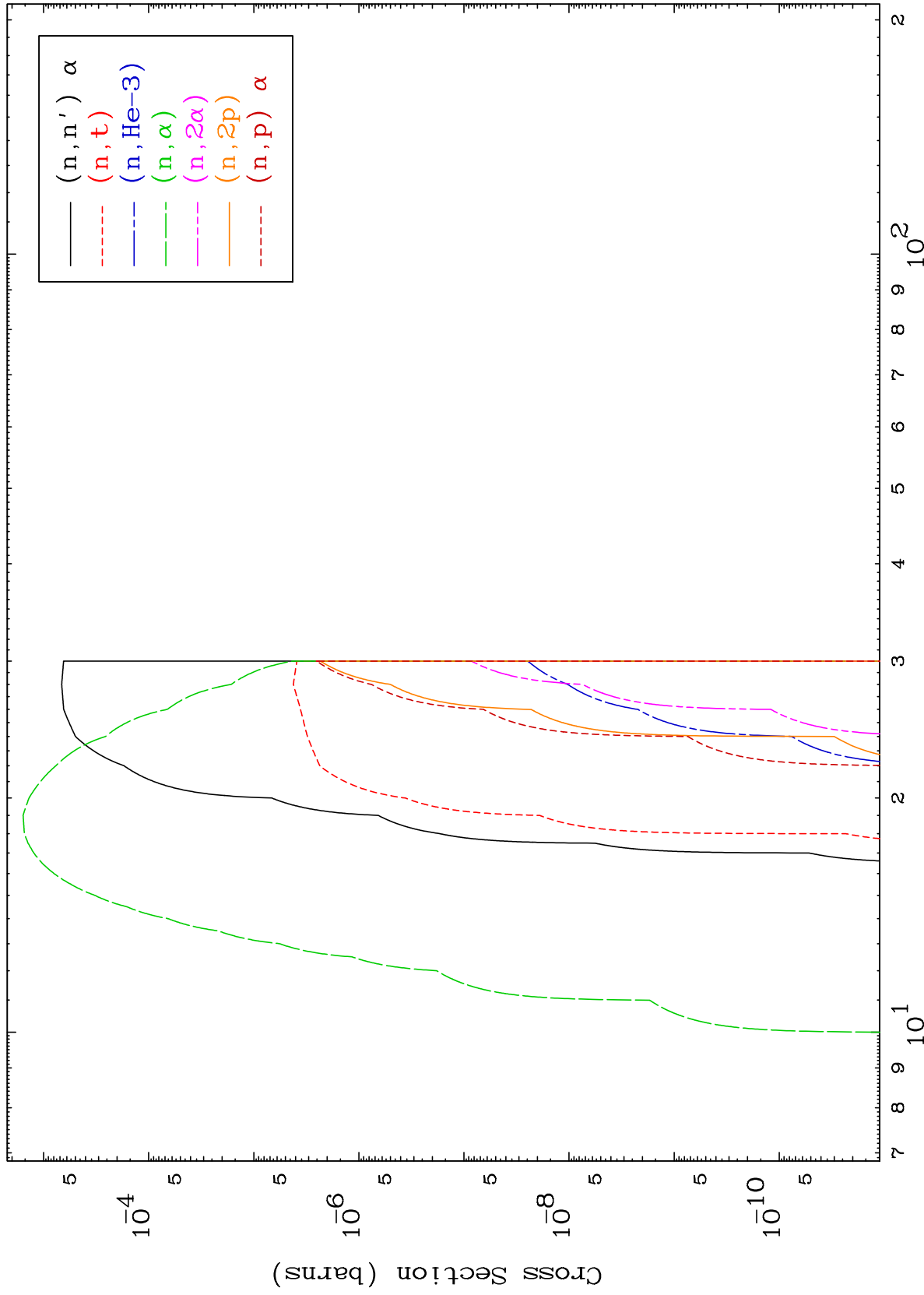
Incident Energy (MeV)

4

MAT 2728

Photon Charged Particle
0 Kelvin Cross Sections

27-Co-60



5

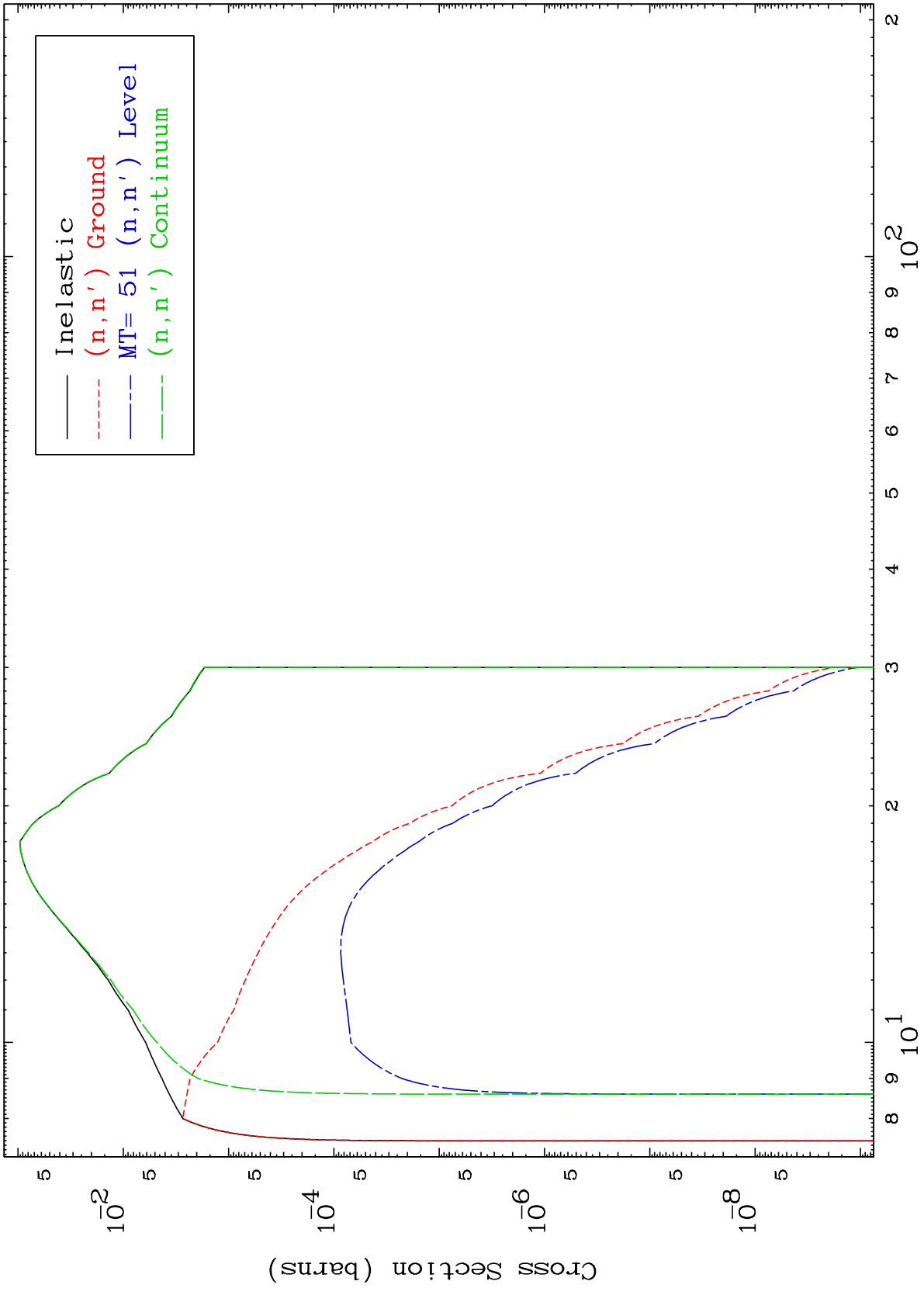
Incident Energy (MeV)

27-Co-60

MAT 2728

(γ, n') Levels
0 Kelvin Cross Sections

27-Co-60



6

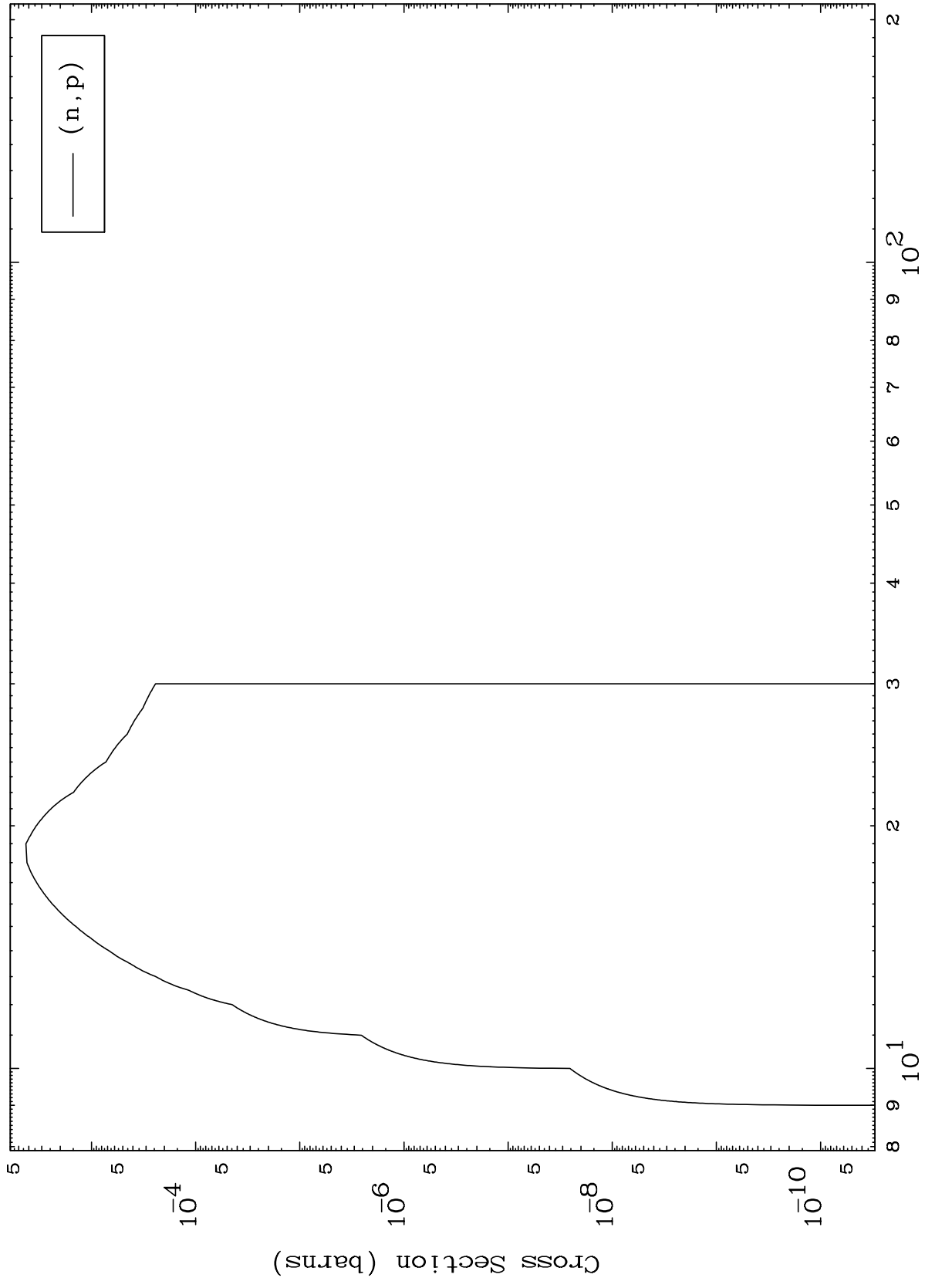
Incident Energy (MeV)

27-Co-60

MAT 2728

(γ, p) Levels
0 Kelvin Cross Sections

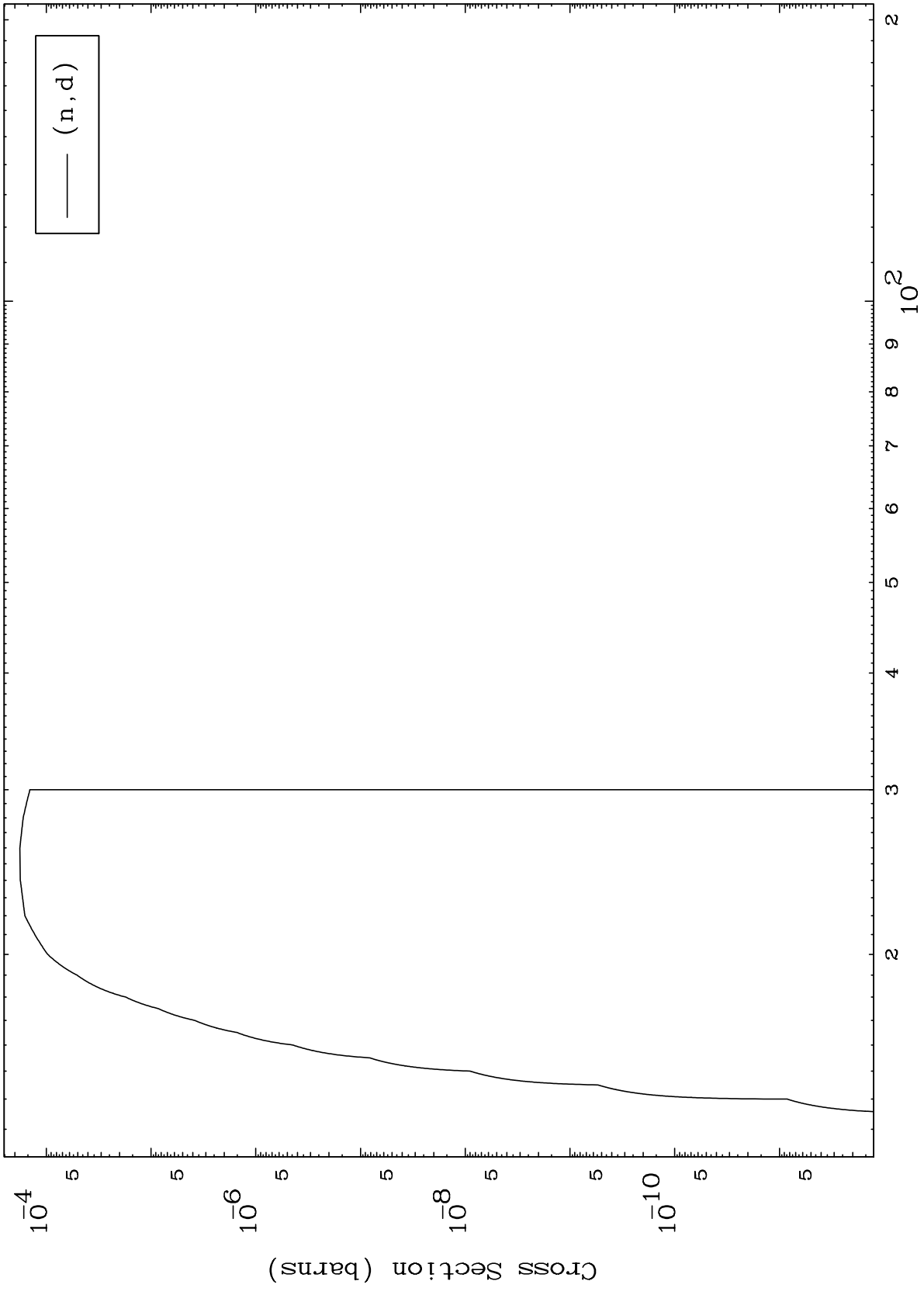
27-Co-60



7

Incident Energy (MeV)

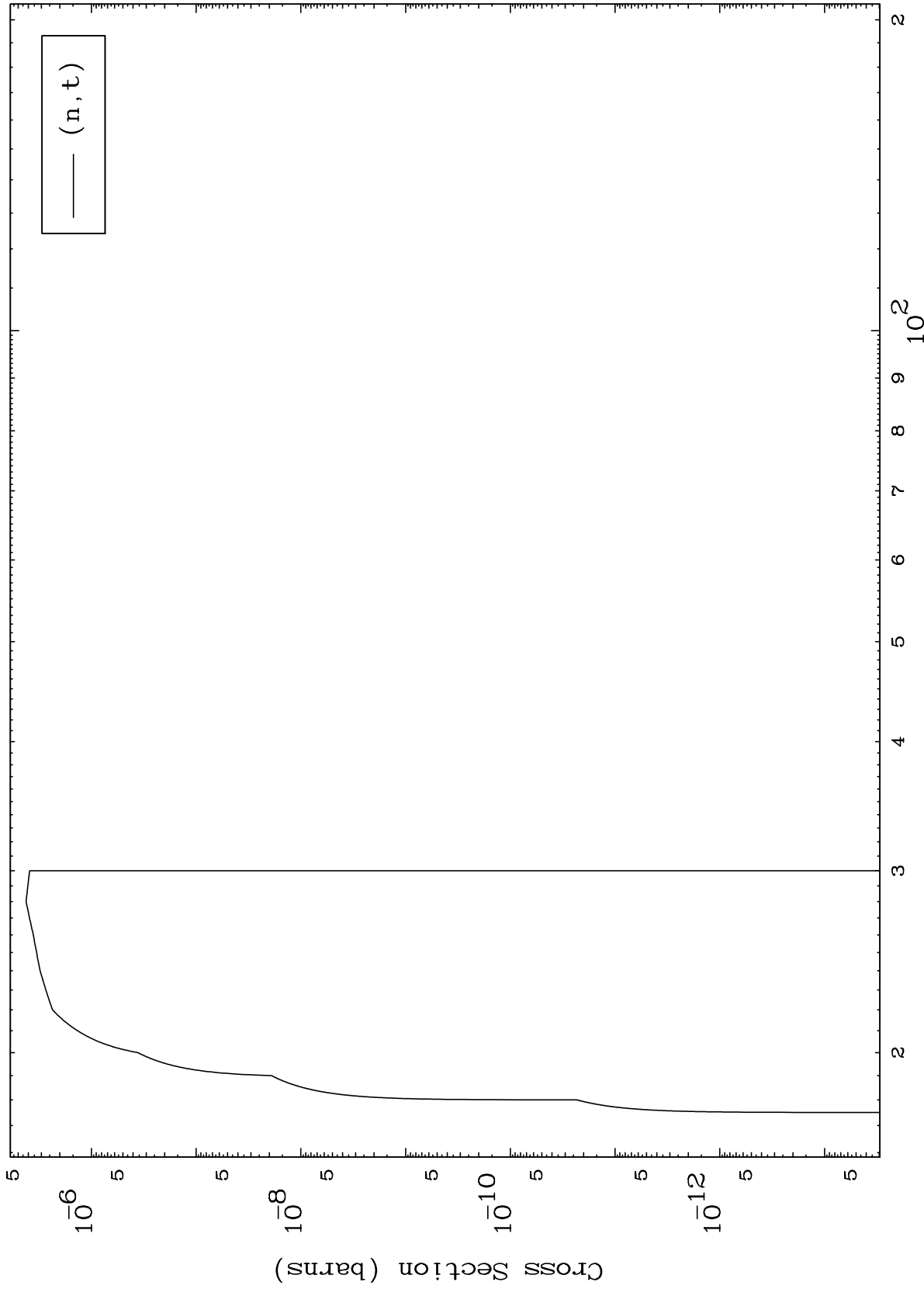
27-Co-60



MAT 2728

(γ, t) Levels
0 Kelvin Cross Sections

27-Co-60



9

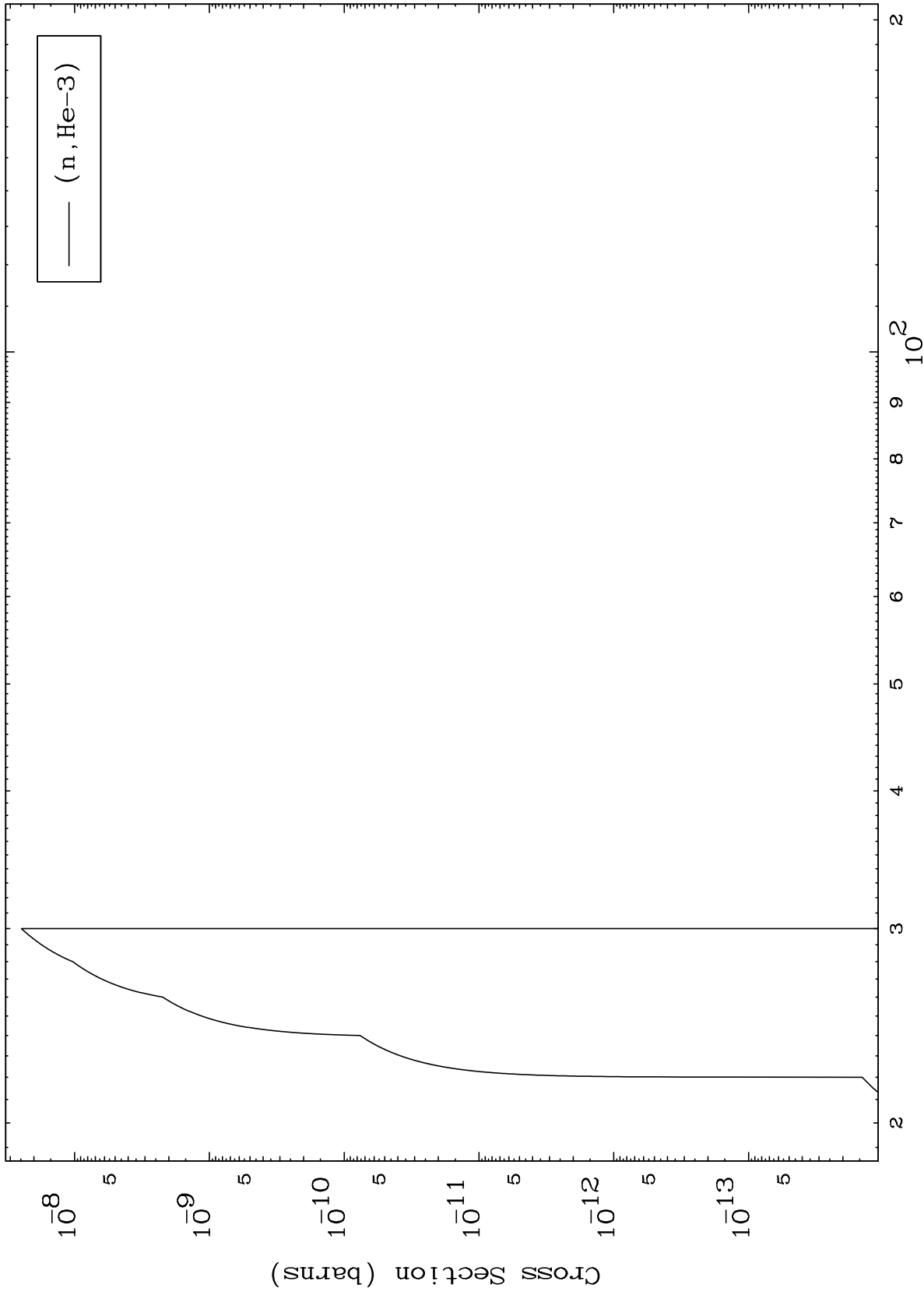
Incident Energy (MeV)

27-Co-60

MAT 2728

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

27-Co-60



10

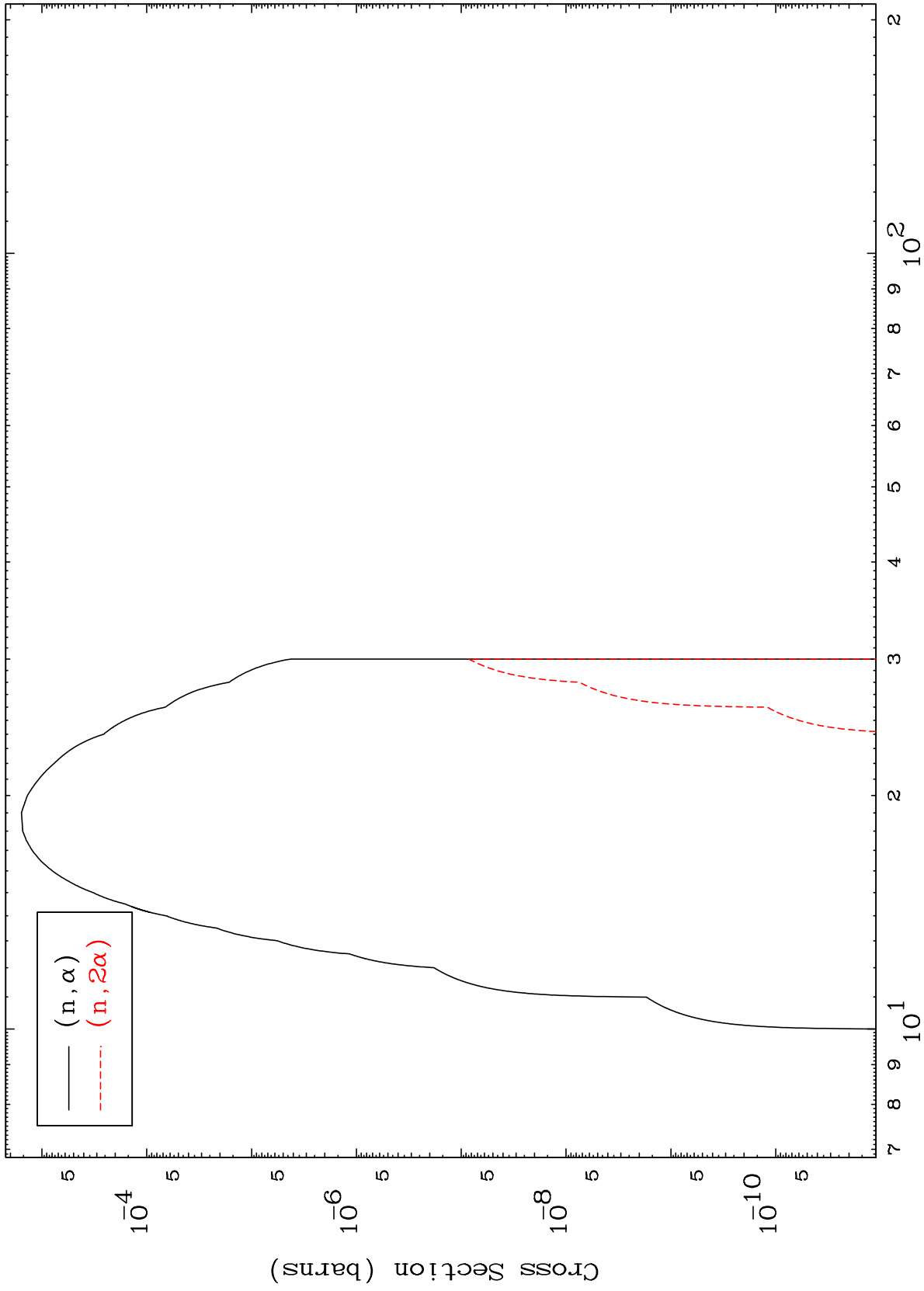
Incident Energy (MeV)

27-Co-60

MAT 2728

(γ, α) Levels
0 Kelvin Cross Sections

27-Co-60



11

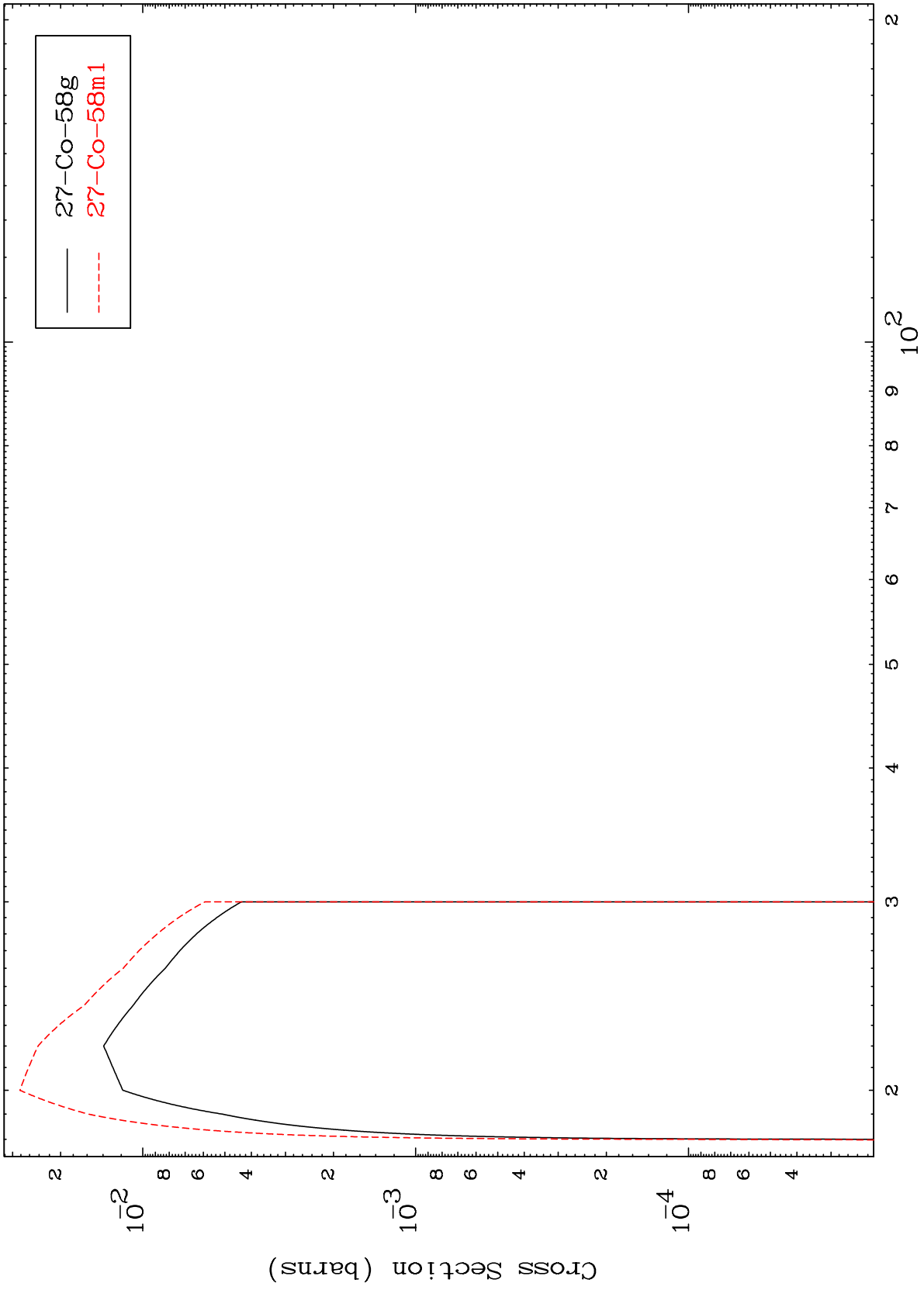
Incident Energy (MeV)

27-Co-60

MAT 2728

²⁷Co-60

(n,2n)
Radionuclide Production Cross Section



12

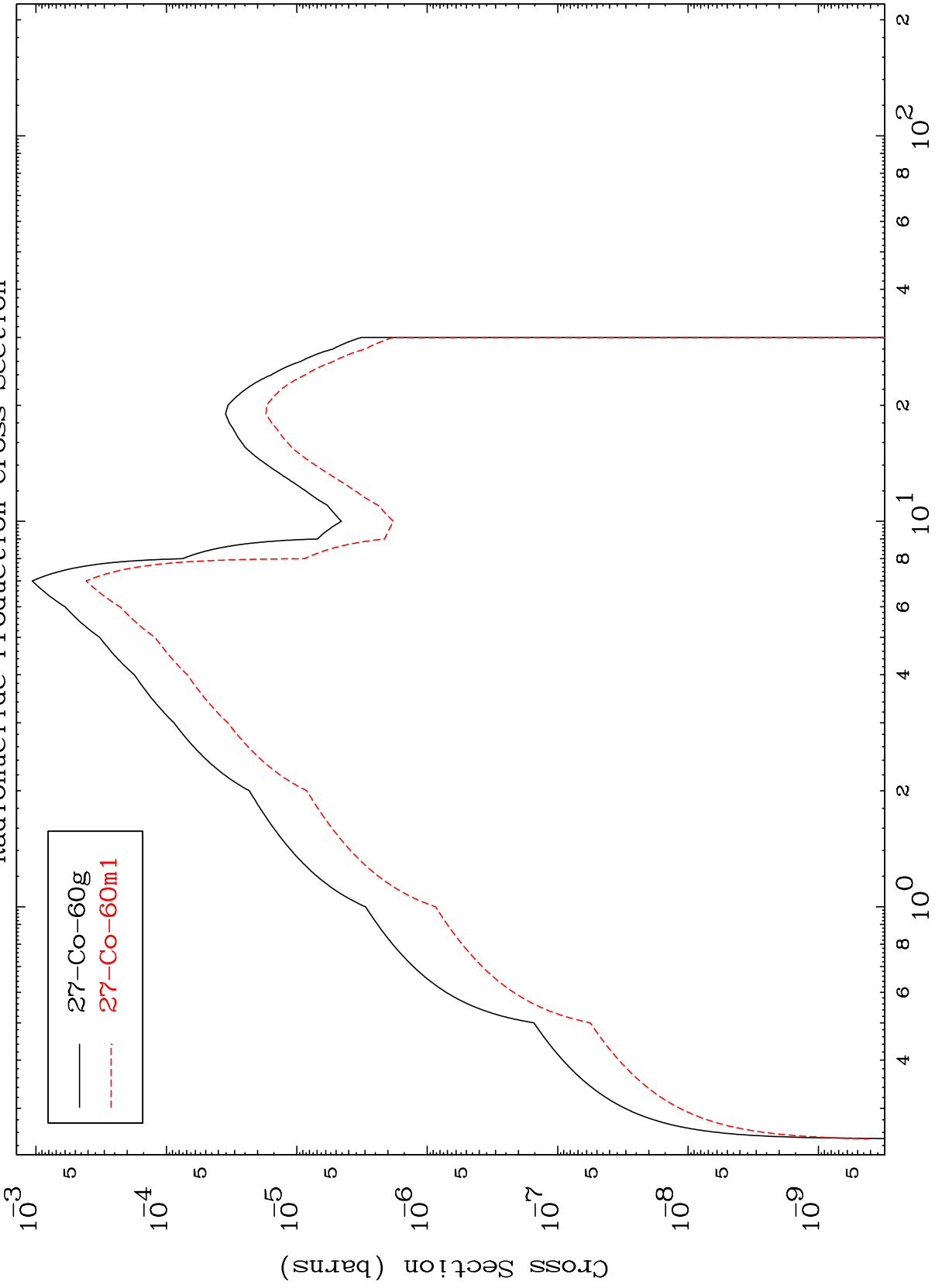
Incident Energy (MeV)

²⁷Co-60

MAT 2728

²⁷Co-60

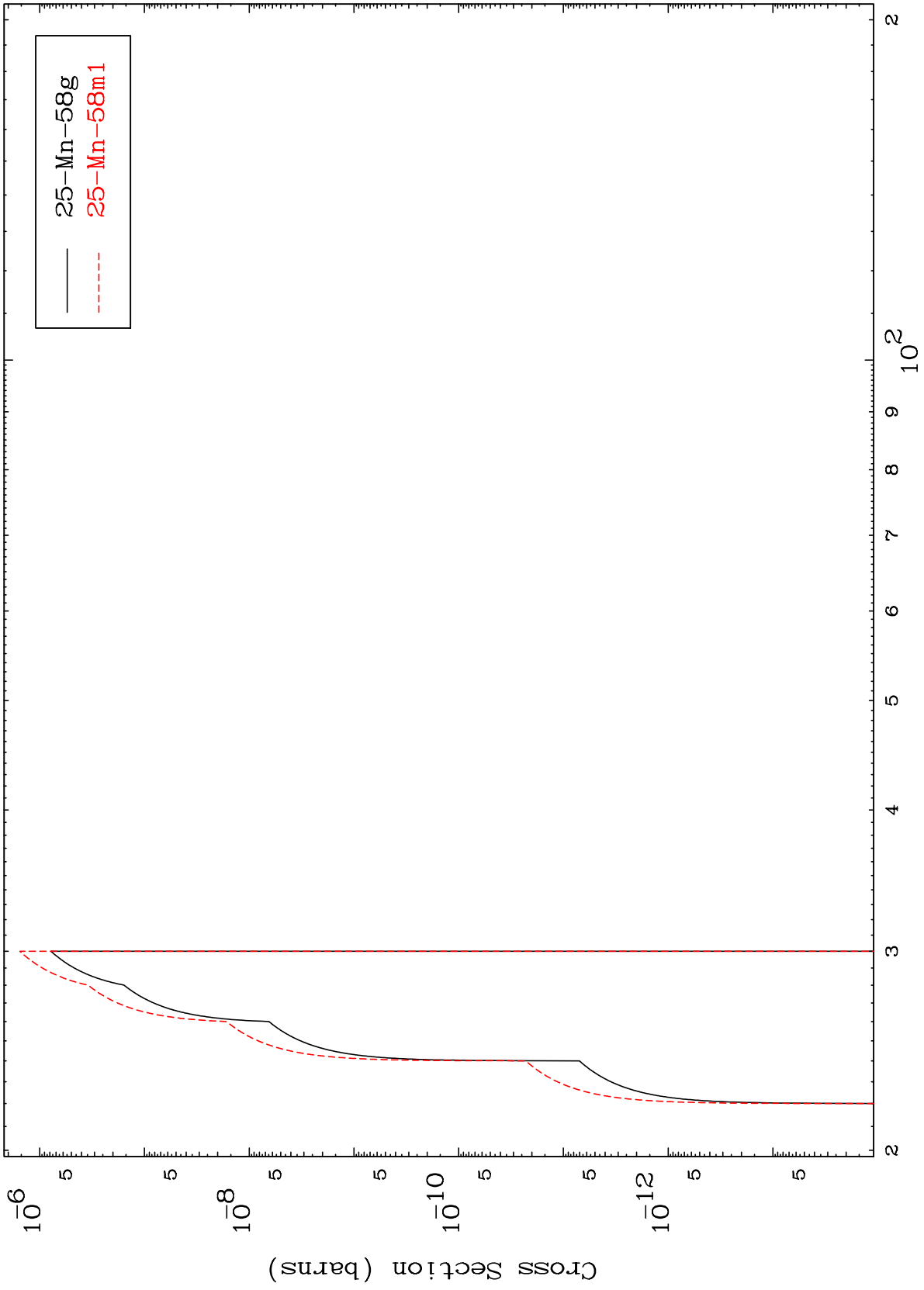
Radionuclide Production Cross Section



MAT 2728

27-Co-60

(n,2p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

27-Co-60