

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

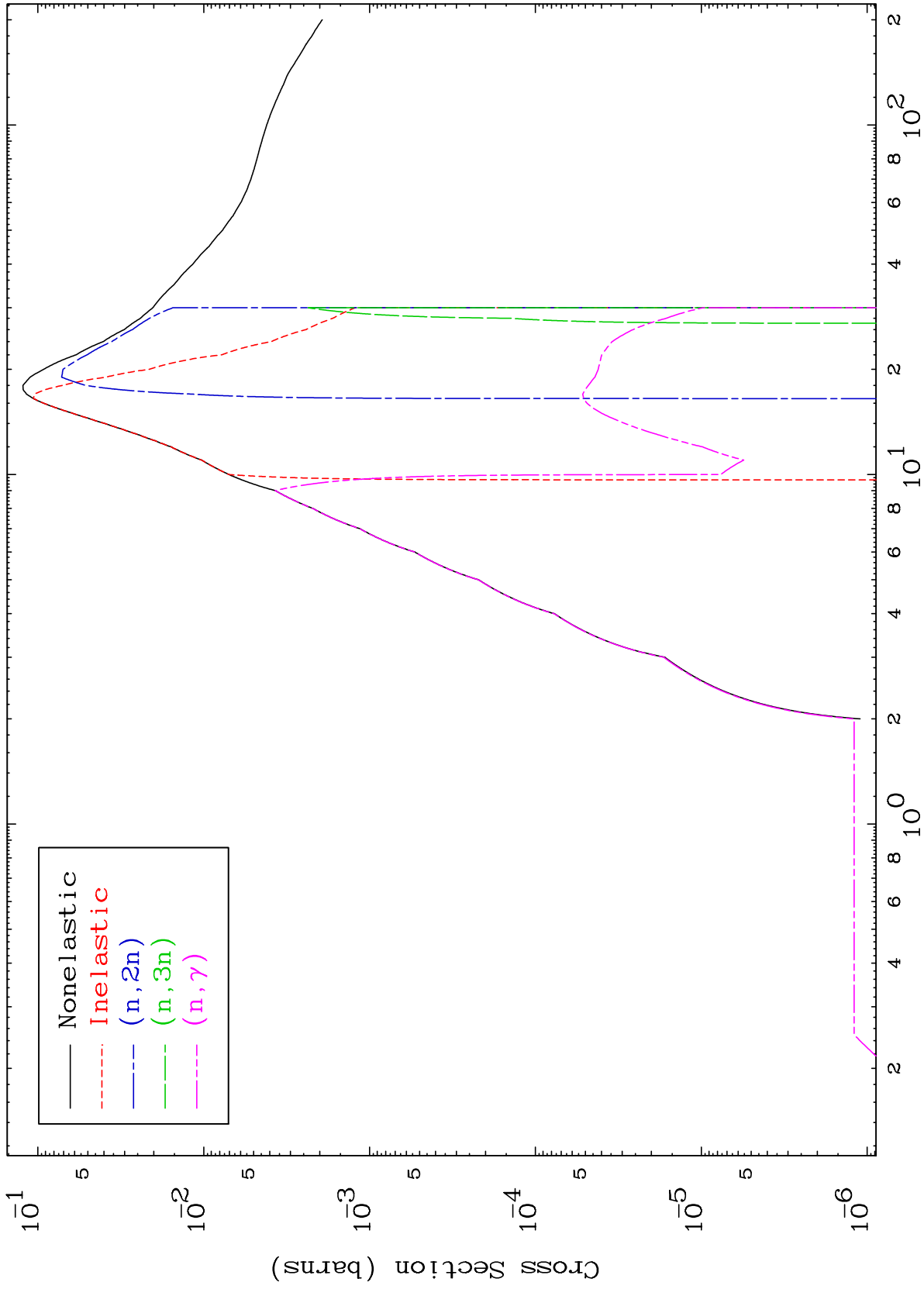
Press Mouse Button to Start

MAT 2843

Photon Major

28-Ni-64

0 Kelvin Cross Sections



1

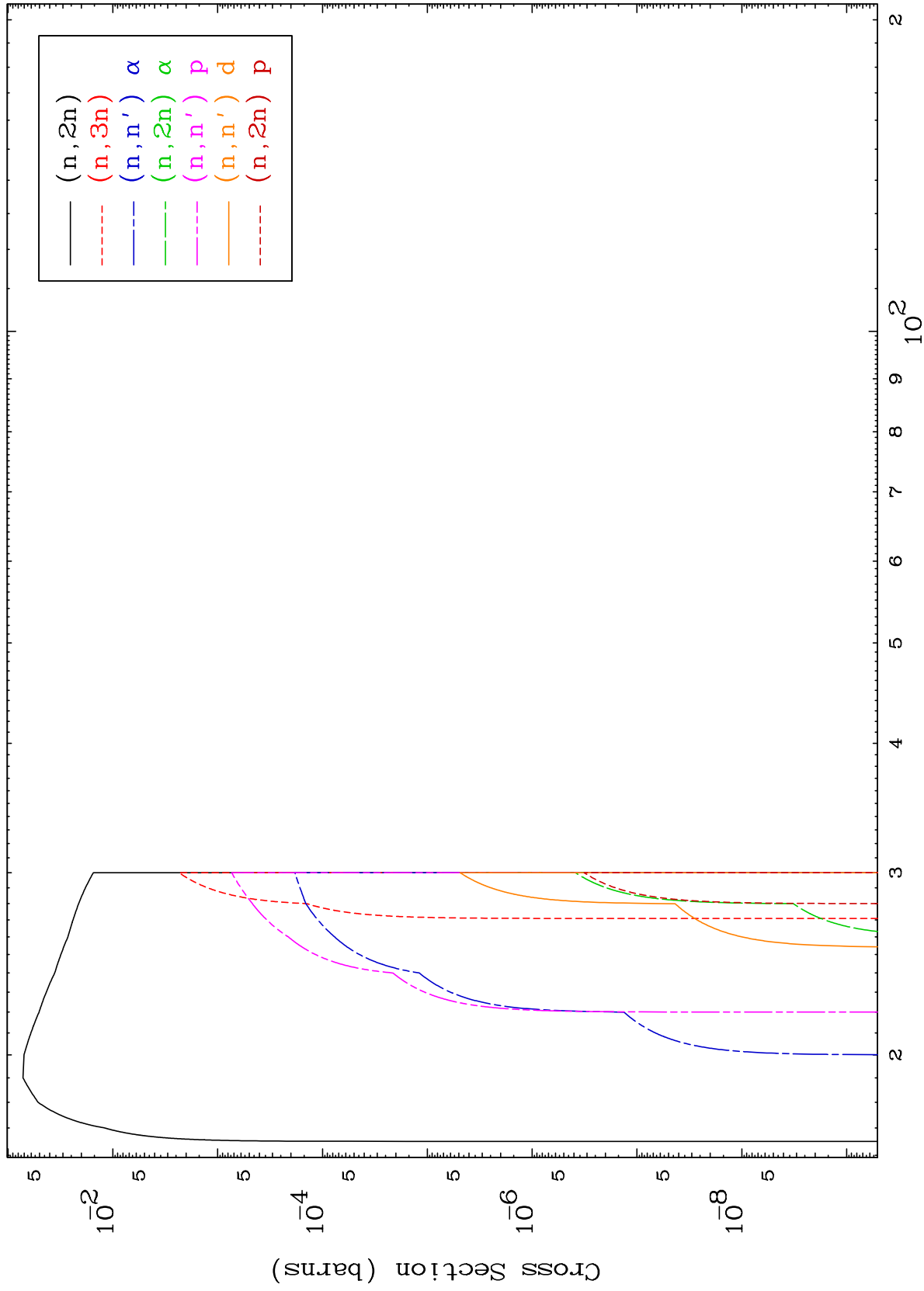
Incident Energy (MeV)

28-Ni-64

MAT 2843

Photon Neutron Absorption
0 Kelvin Cross Sections

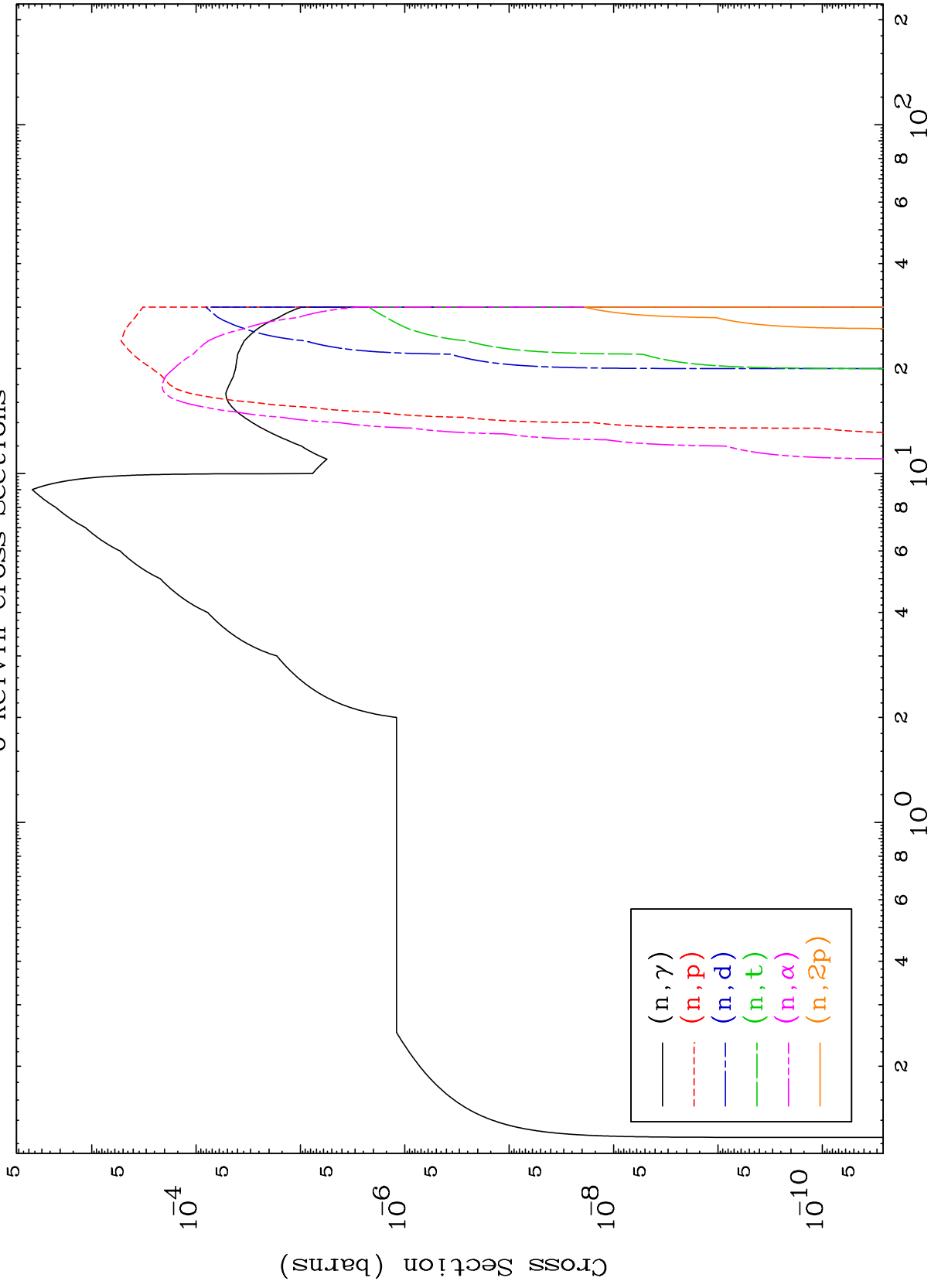
28-Ni-64



2

Incident Energy (MeV)

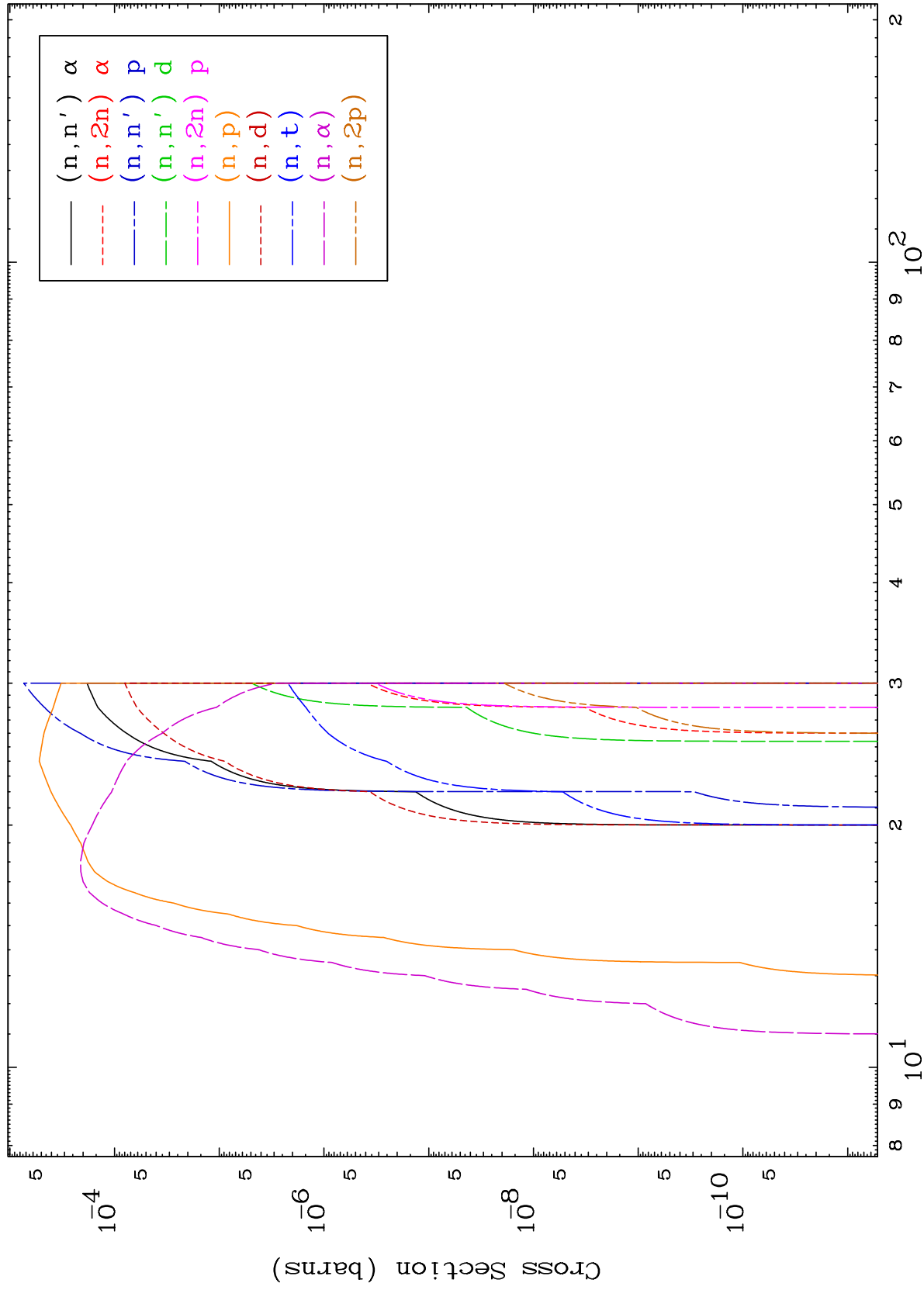
28-Ni-64



MAT 2843

Photon Charged Particle
0 Kelvin Cross Sections

28-Ni-64



4

Incident Energy (MeV)

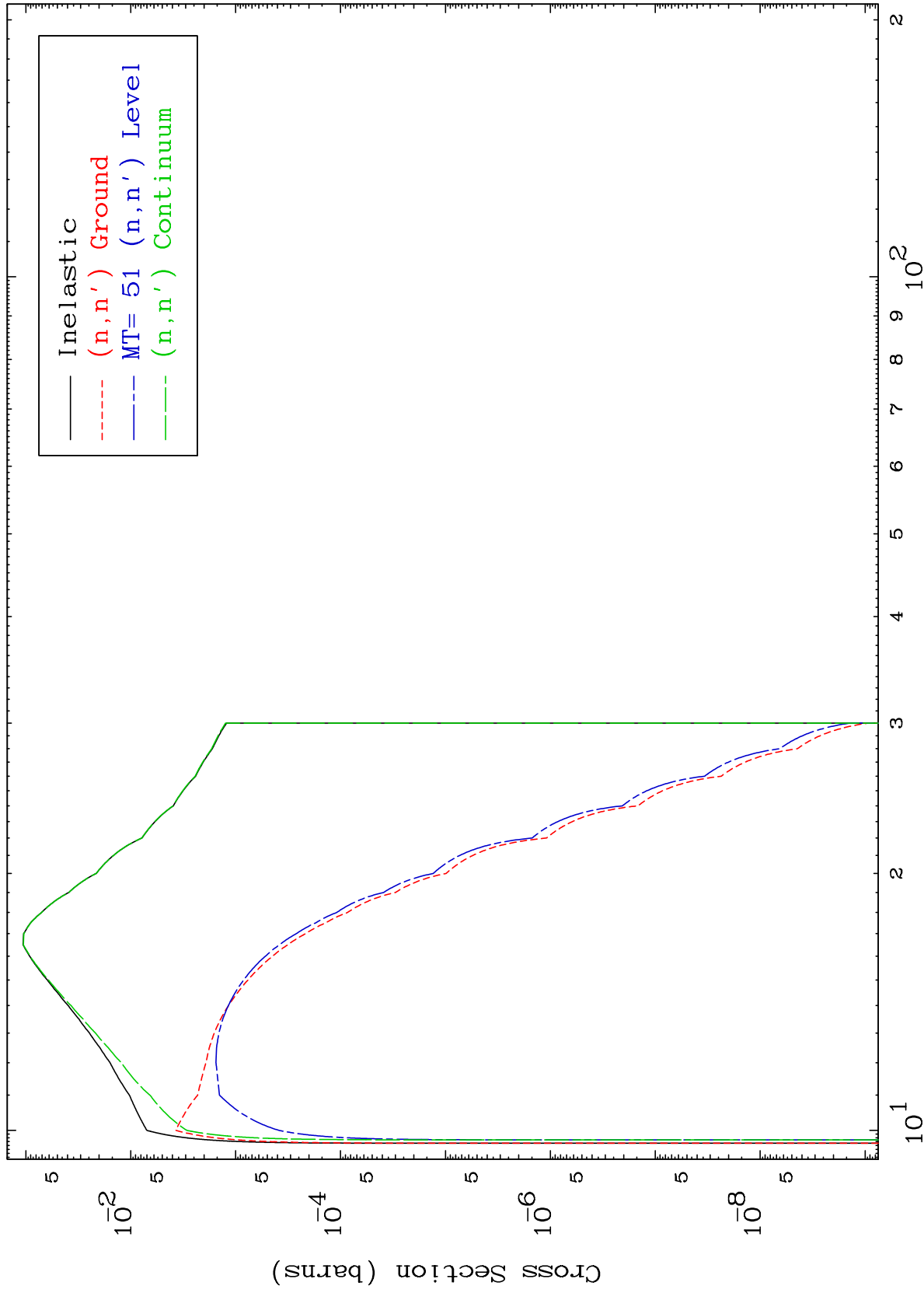
28-Ni-64

MAT 2843

(γ, n') Levels

28-Ni-64

0 Kelvin Cross Sections



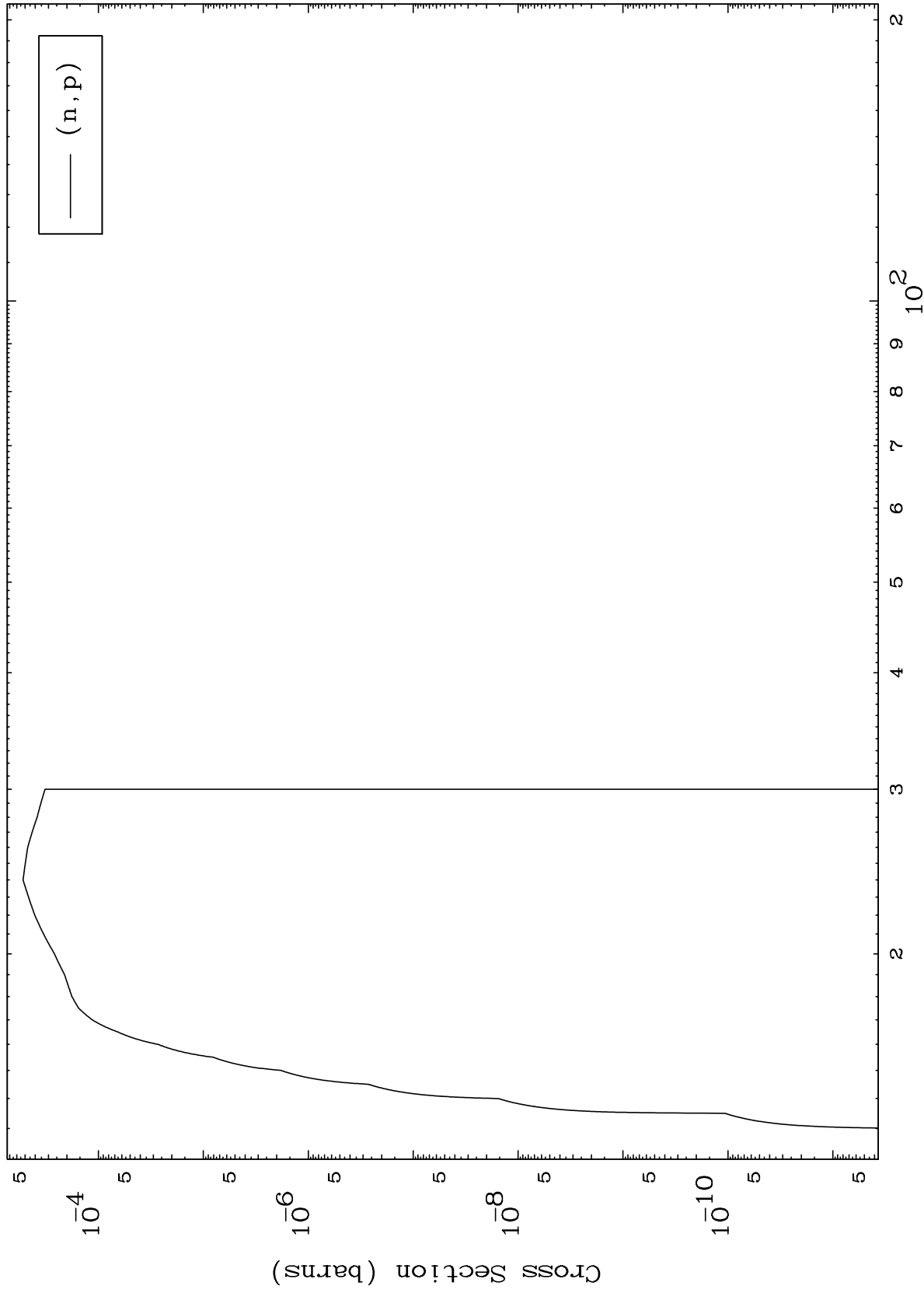
Incident Energy (MeV)

28-Ni-64

MAT 2843

(γ ,p) Levels
0 Kelvin Cross Sections

28-Ni-64



6

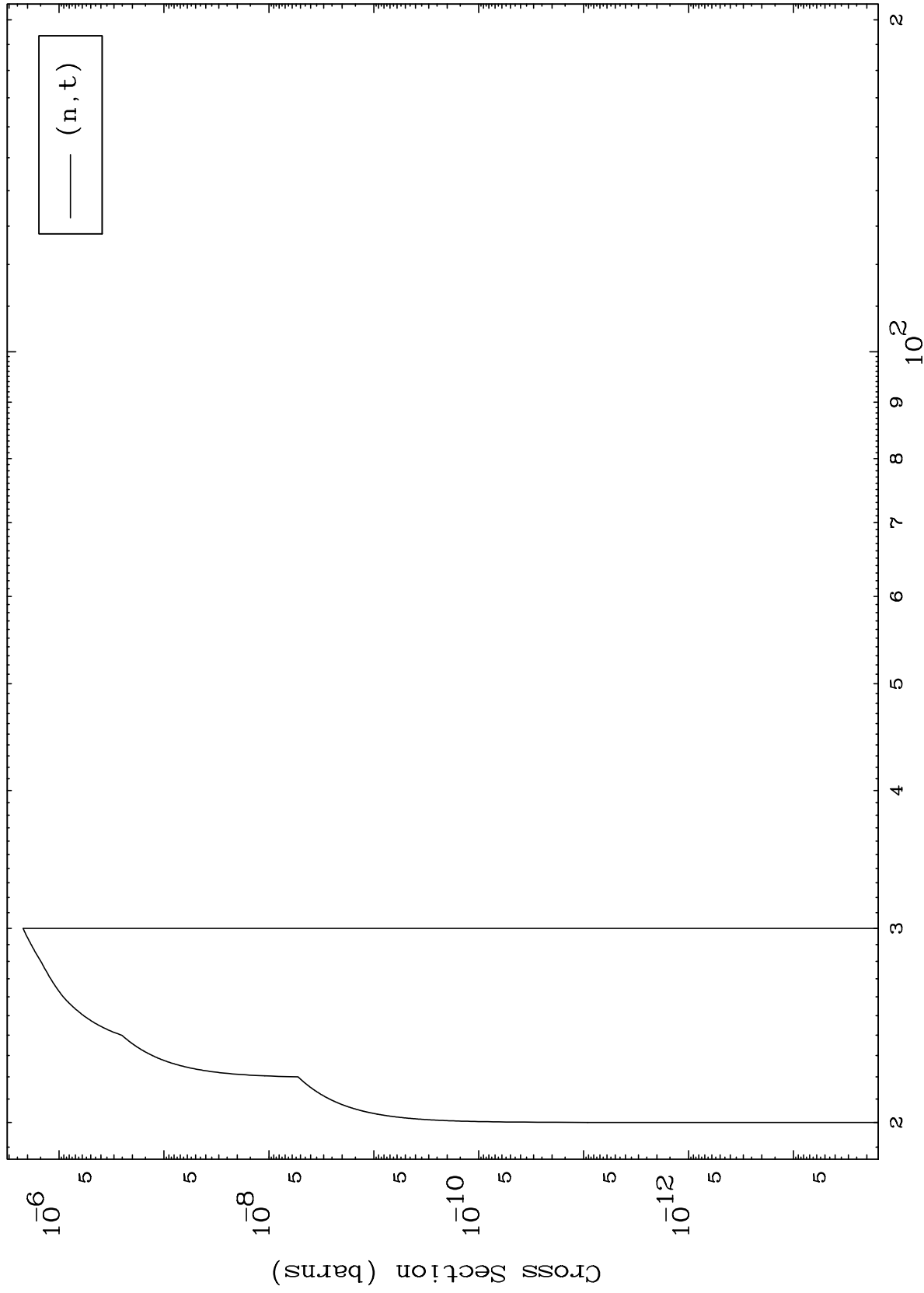
Incident Energy (MeV)

28-Ni-64

MAT 2843

(γ, t) Levels
0 Kelvin Cross Sections

28-Ni-64



8

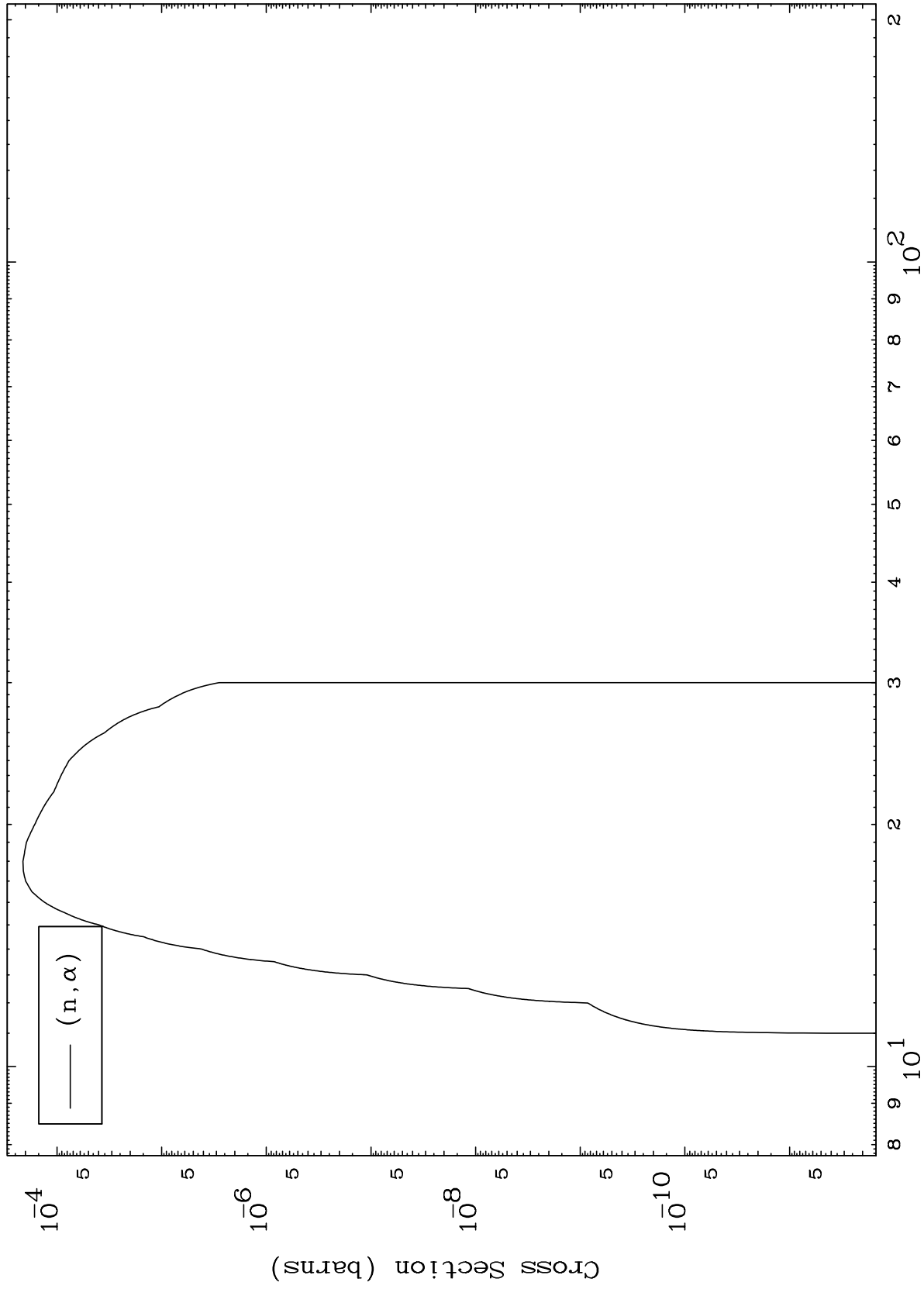
Incident Energy (MeV)

28-Ni-64

MAT 2843

28-Ni-64

(γ, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

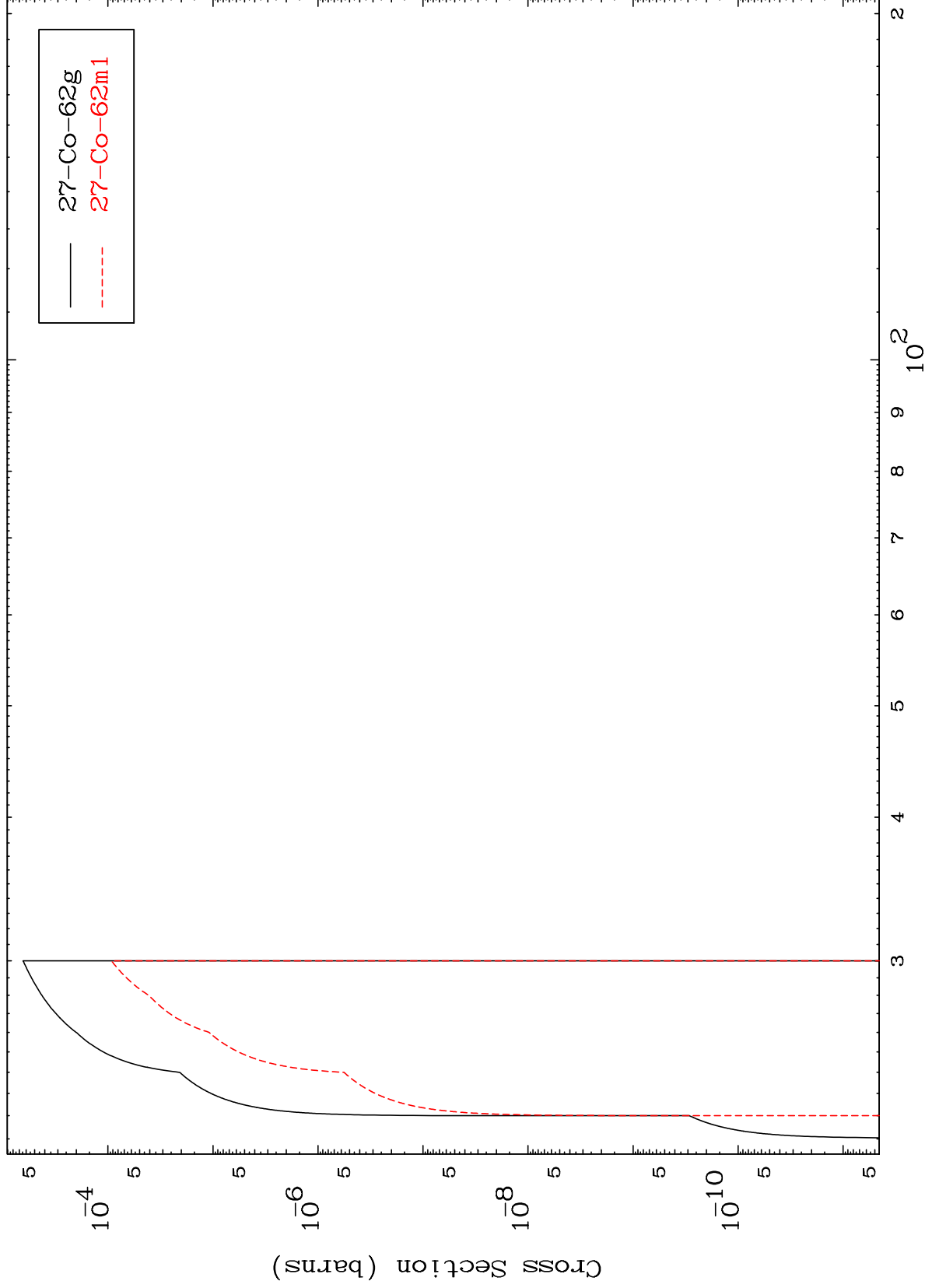
28-Ni-64

MAT 2843

(n,n') p

28-Ni-64

Radionuclide Production Cross Section



10

Incident Energy (MeV)

10^2

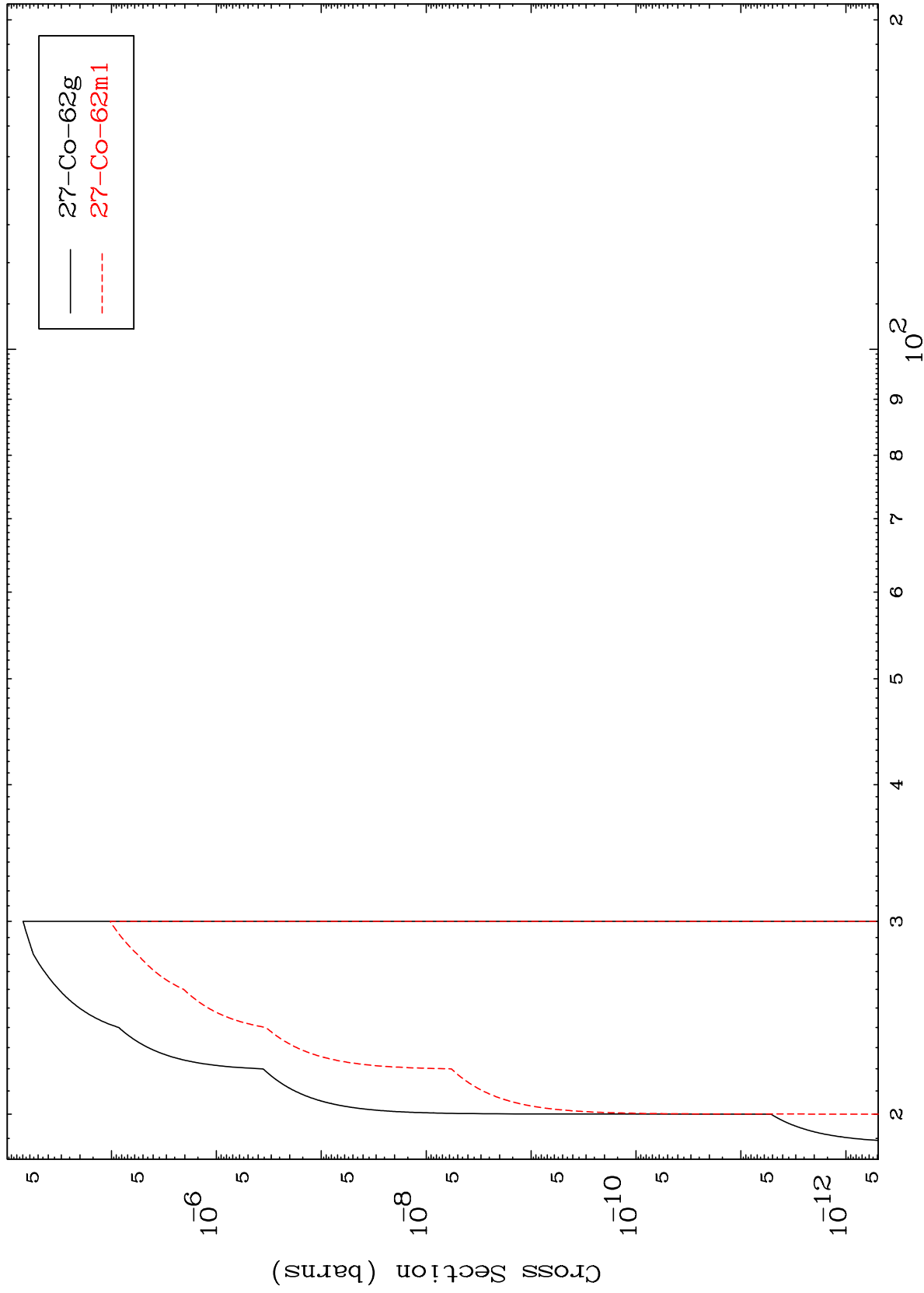
28-Ni-64

MAT 2843

(n,d)

²⁸Ni-64

Radionuclide Production Cross Section



11

Incident Energy (MeV)

²⁸Ni-64