

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

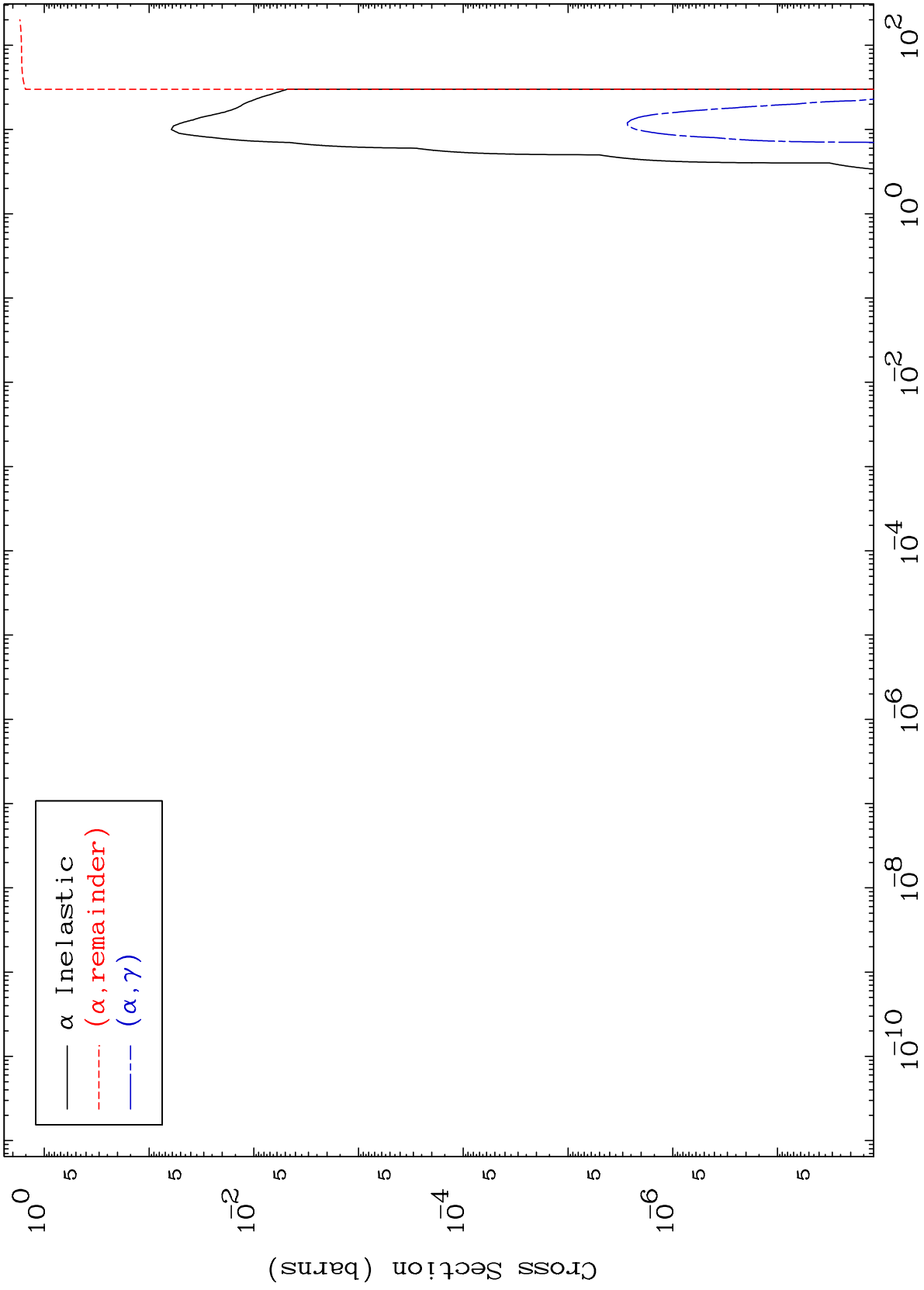
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2858

0 Kelvin α Major
Cross Sections

28-Ni-69

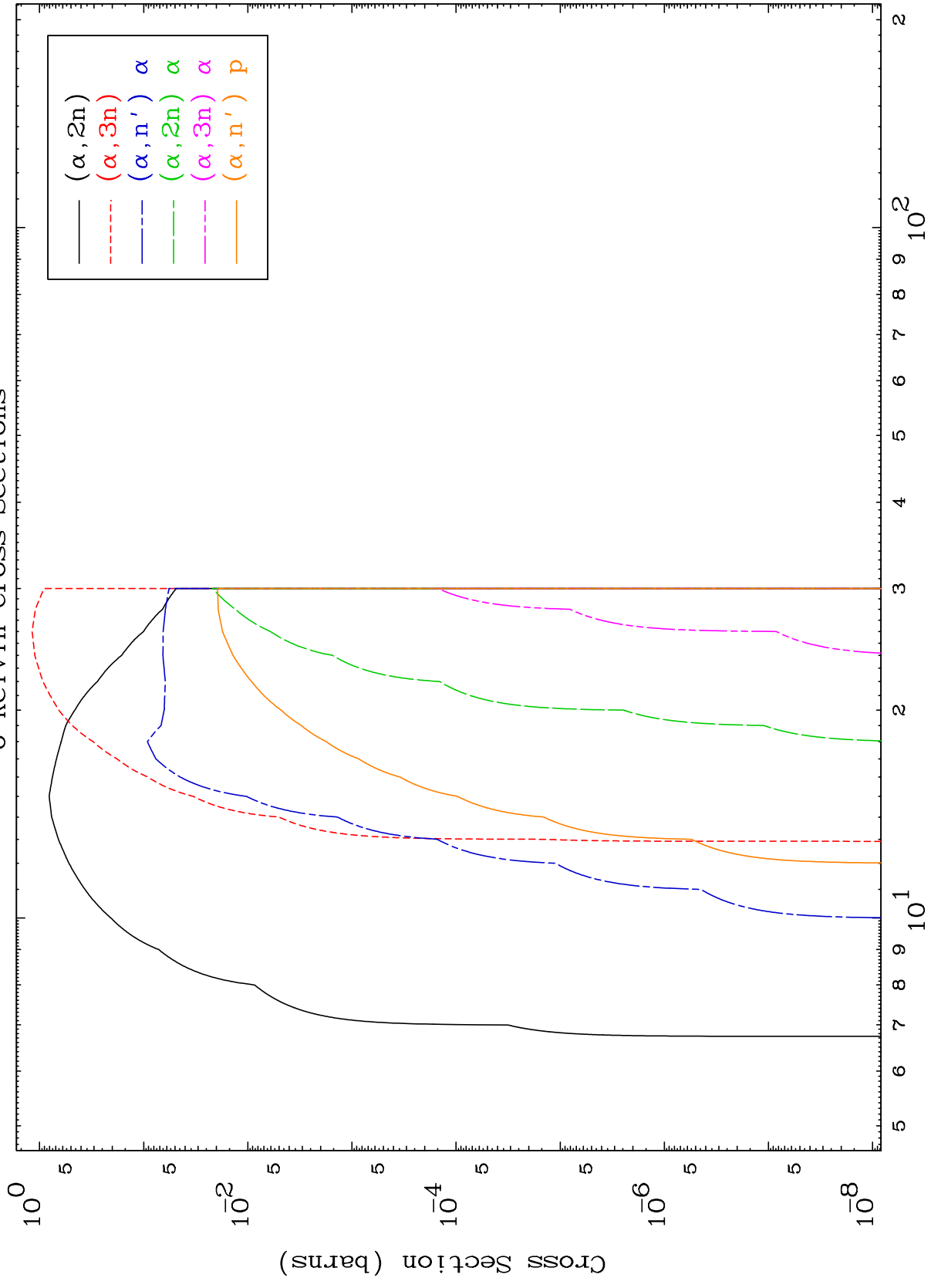


28-Ni-69

MAT 2858

α Neutron Production
0 Kelvin Cross Sections

28-Ni-69



2

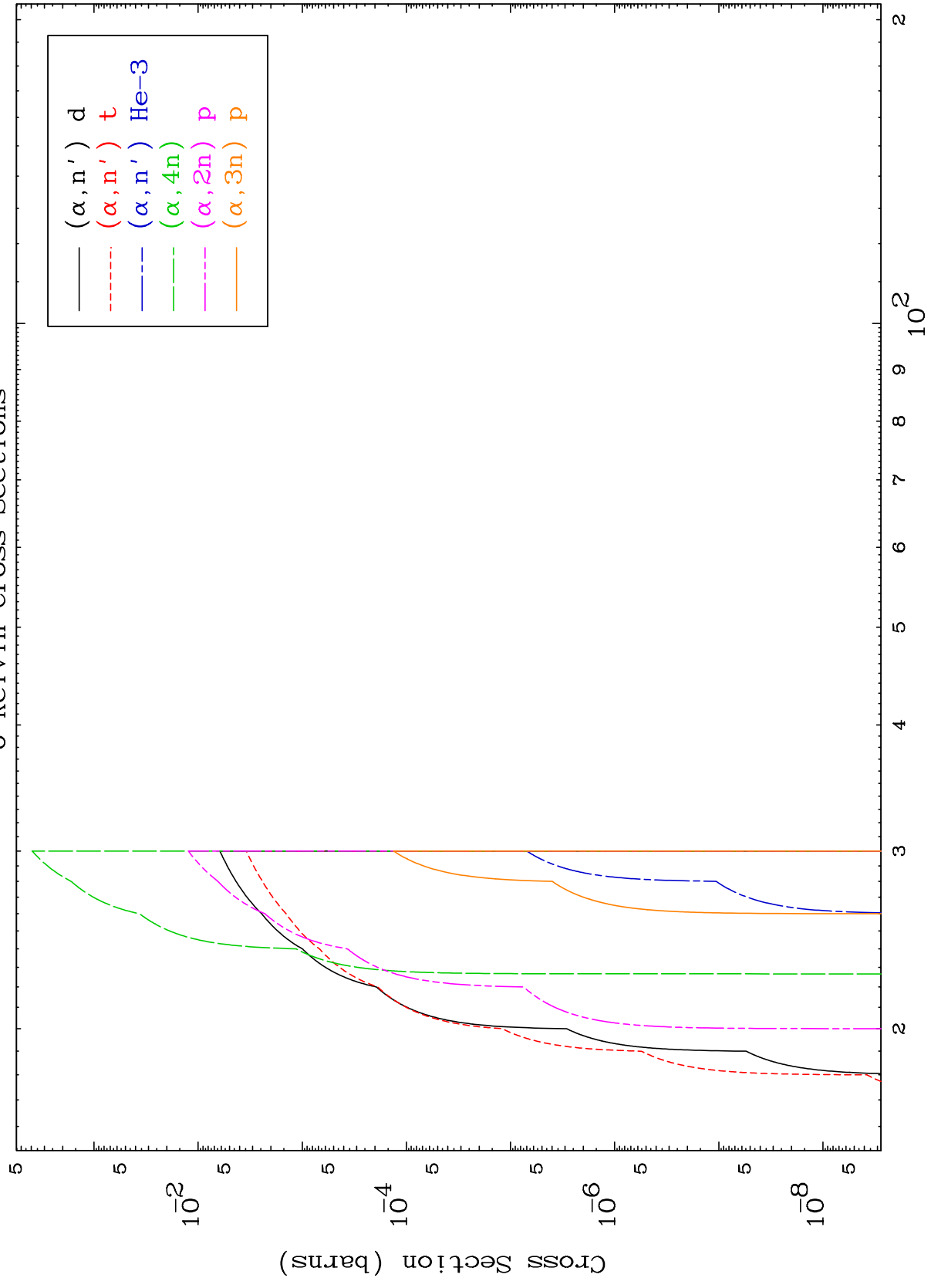
Incident Energy (MeV)

28-Ni-69

MAT 2858

α Neutron Production
0 Kelvin Cross Sections

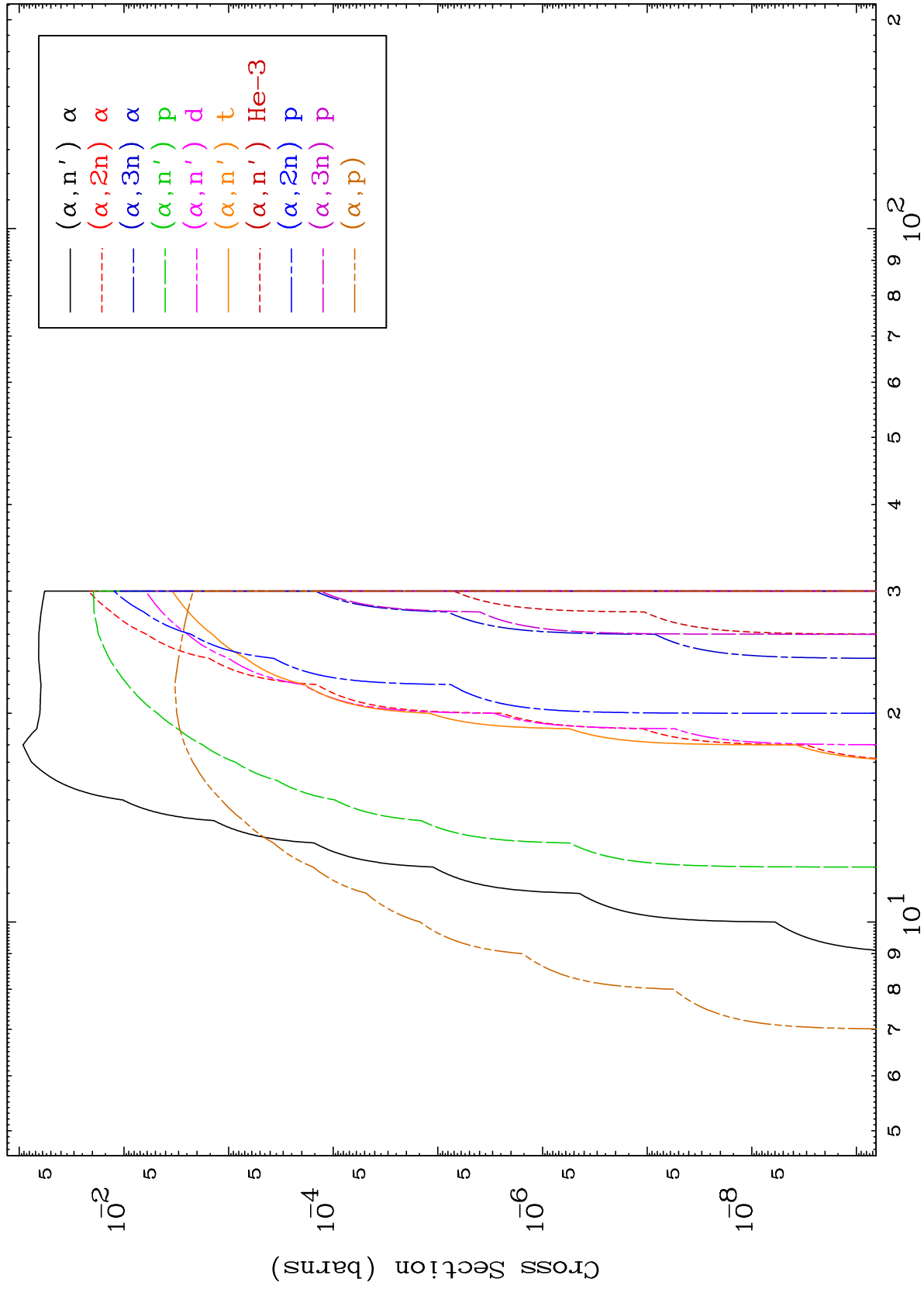
28-Ni-69



3

Incident Energy (MeV)

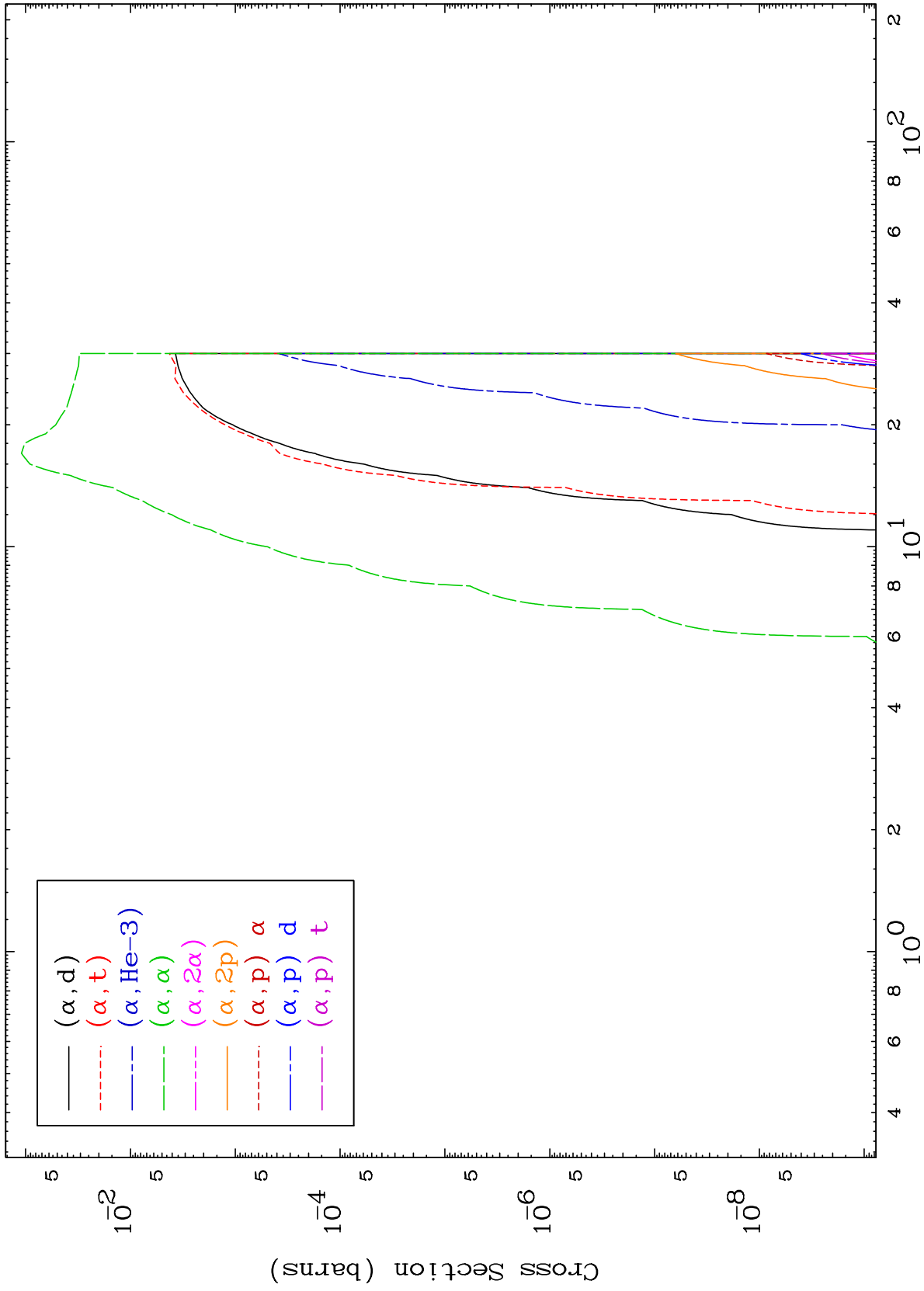
28-Ni-69



MAT 2858

α Charged Particle
0 Kelvin Cross Sections

28-Ni-69



5

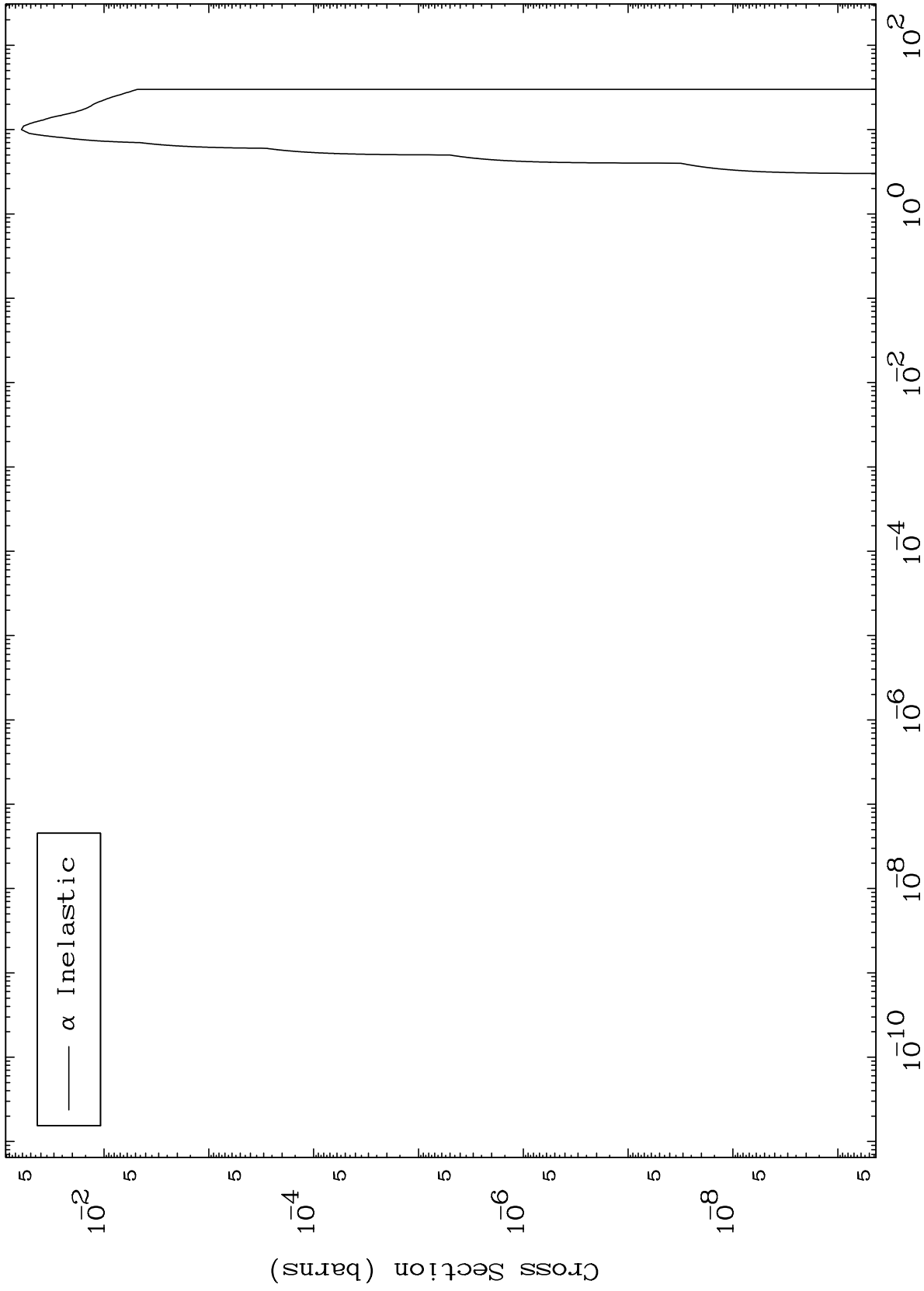
Incident Energy (MeV)

28-Ni-69

MAT 2858

(α, n') Level
0 Kelvin Cross Sections

28-Ni-69



6

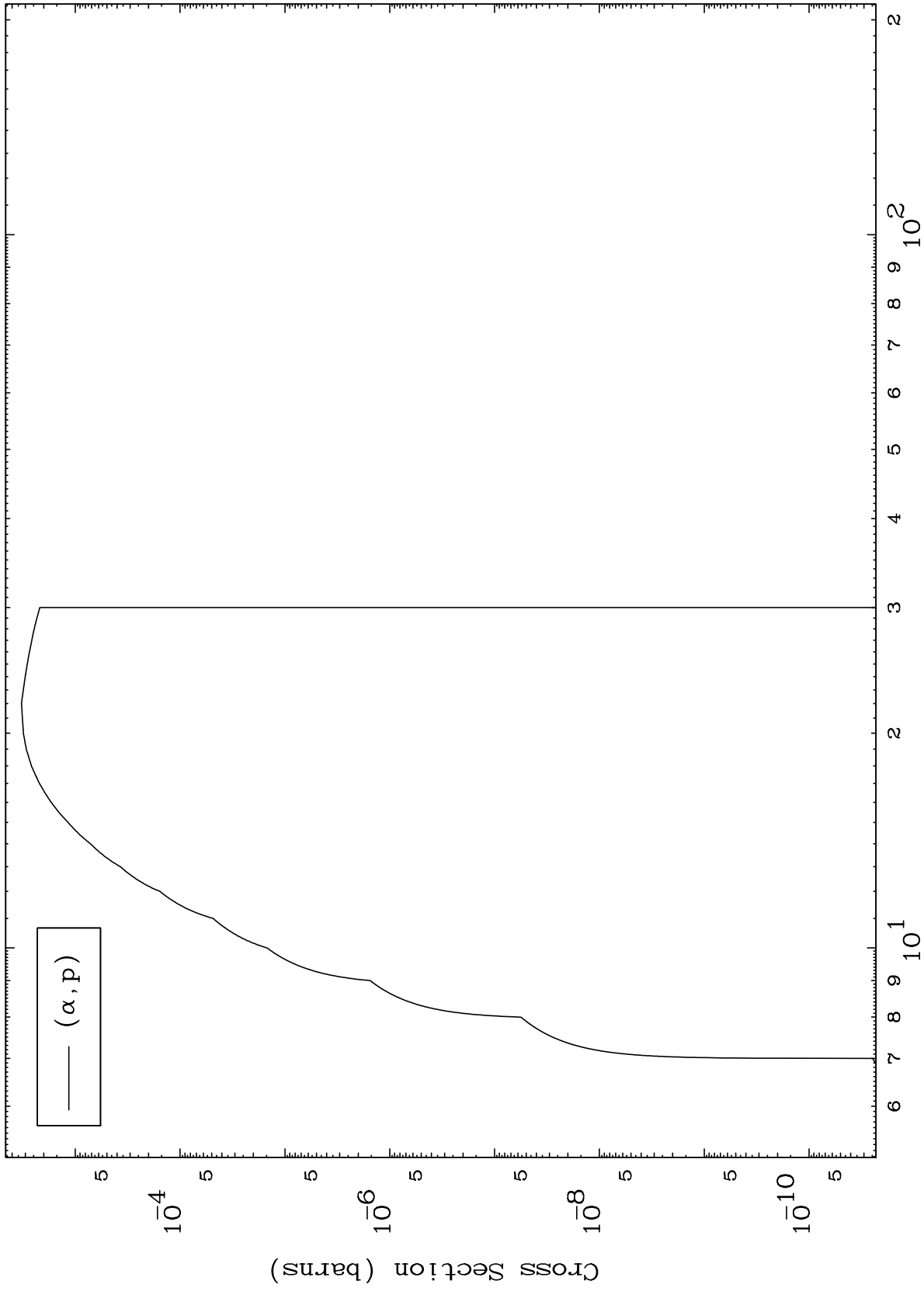
Incident Energy (MeV)

28-Ni-69

MAT 2858

(α, p) Levels
0 Kelvin Cross Sections

28-Ni-69



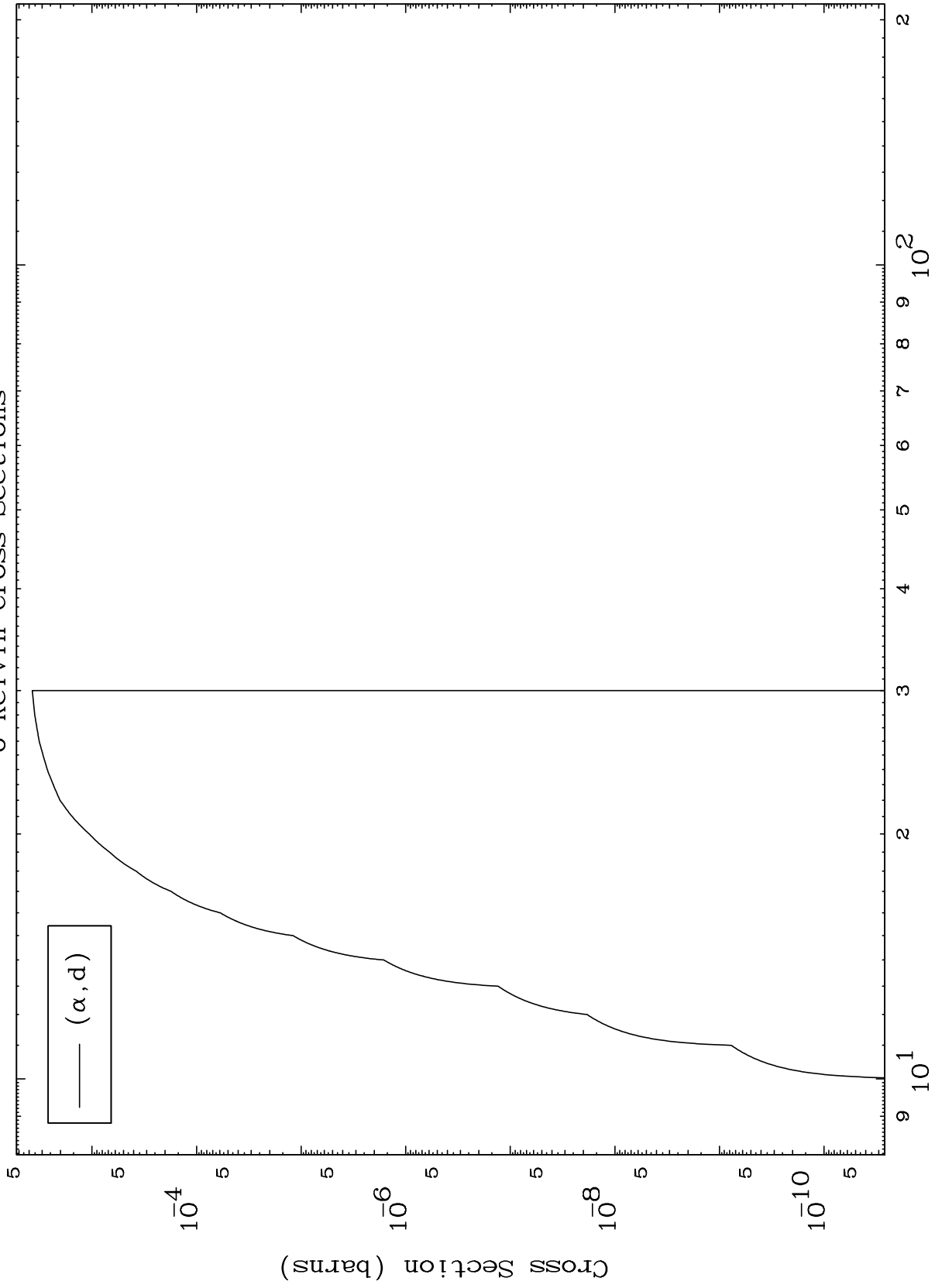
7

28-Ni-69

MAT 2858

(α, d) Levels
0 Kelvin Cross Sections

28-Ni-69



8

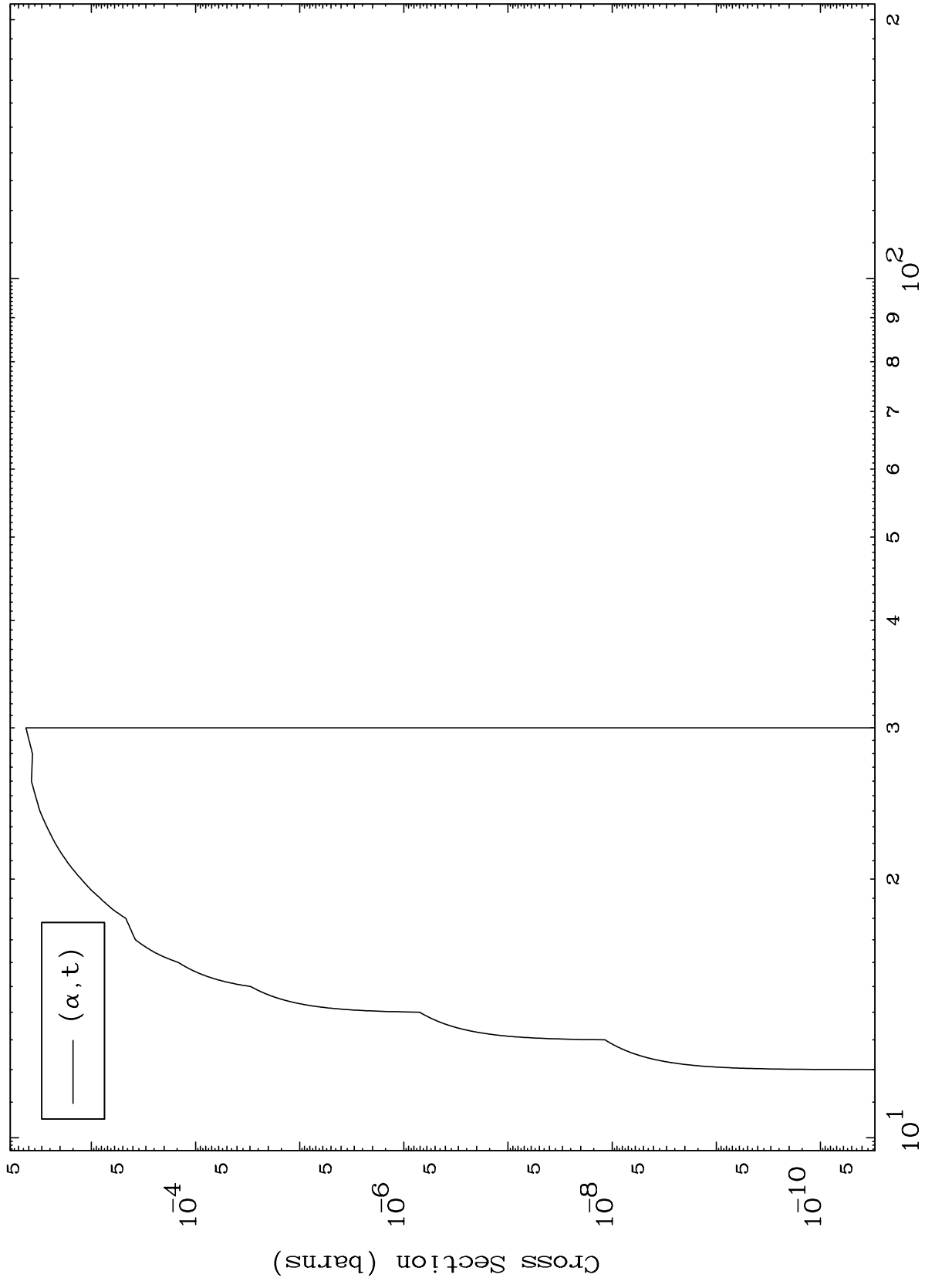
Incident Energy (MeV)

28-Ni-69

MAT 2858

(α, t) Levels
0 Kelvin Cross Sections

28-Ni-69



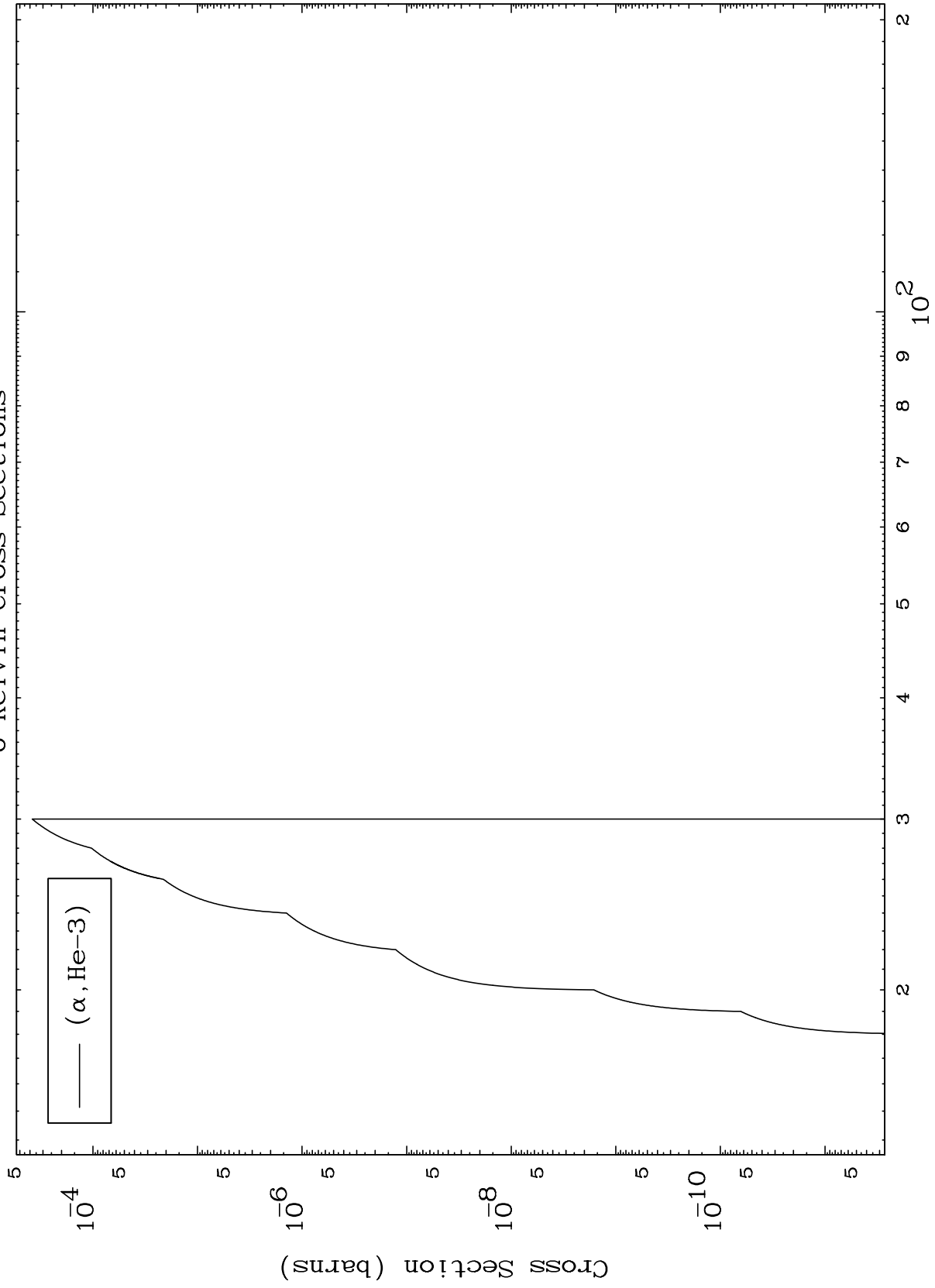
Incident Energy (MeV)

28-Ni-69

MAT 2858

(α ,He3) Levels
0 Kelvin Cross Sections

28-Ni-69



10

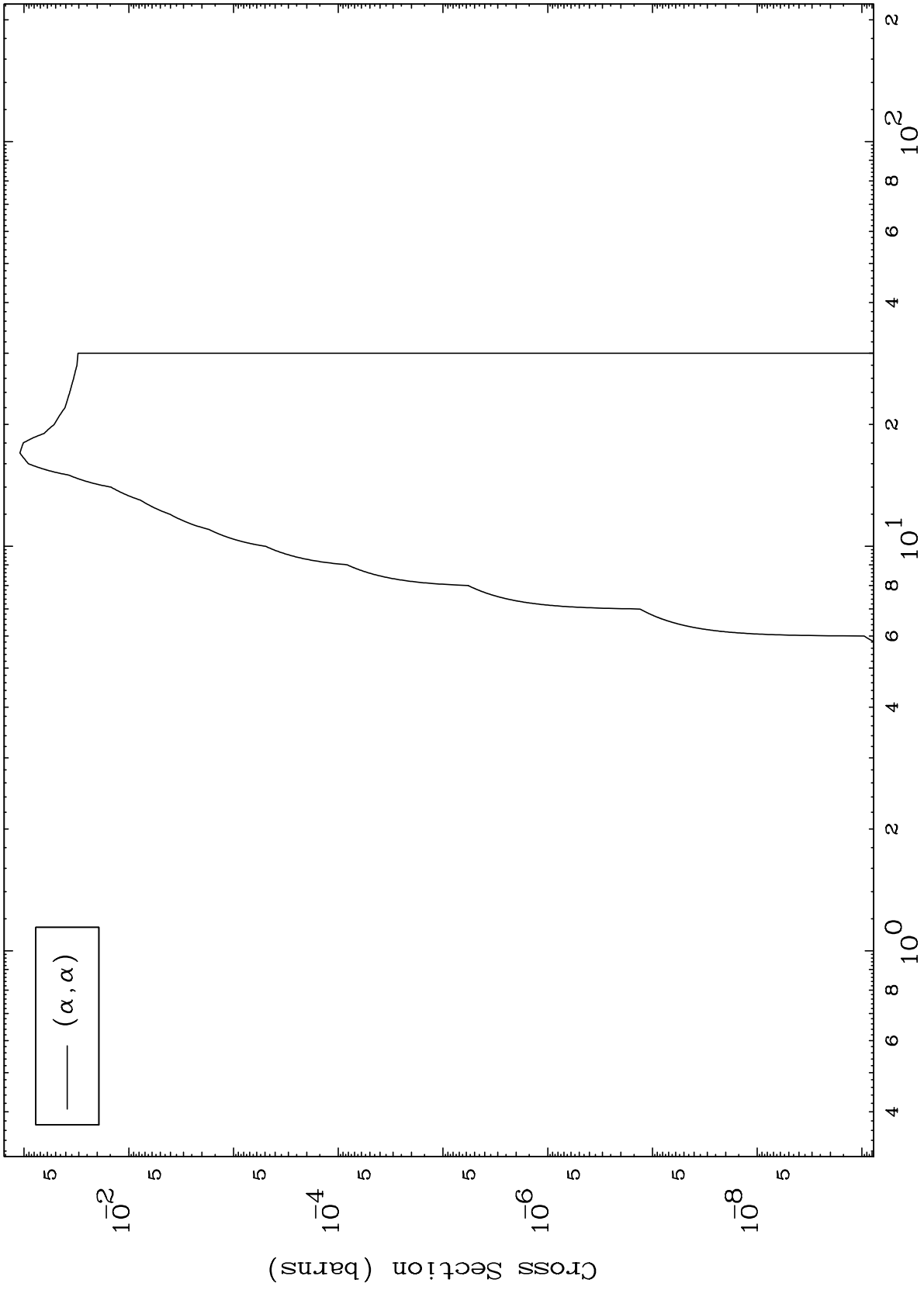
Incident Energy (MeV)

28-Ni-69

MAT 2858

(α, α) Levels
0 Kelvin Cross Sections

28-Ni-69



11

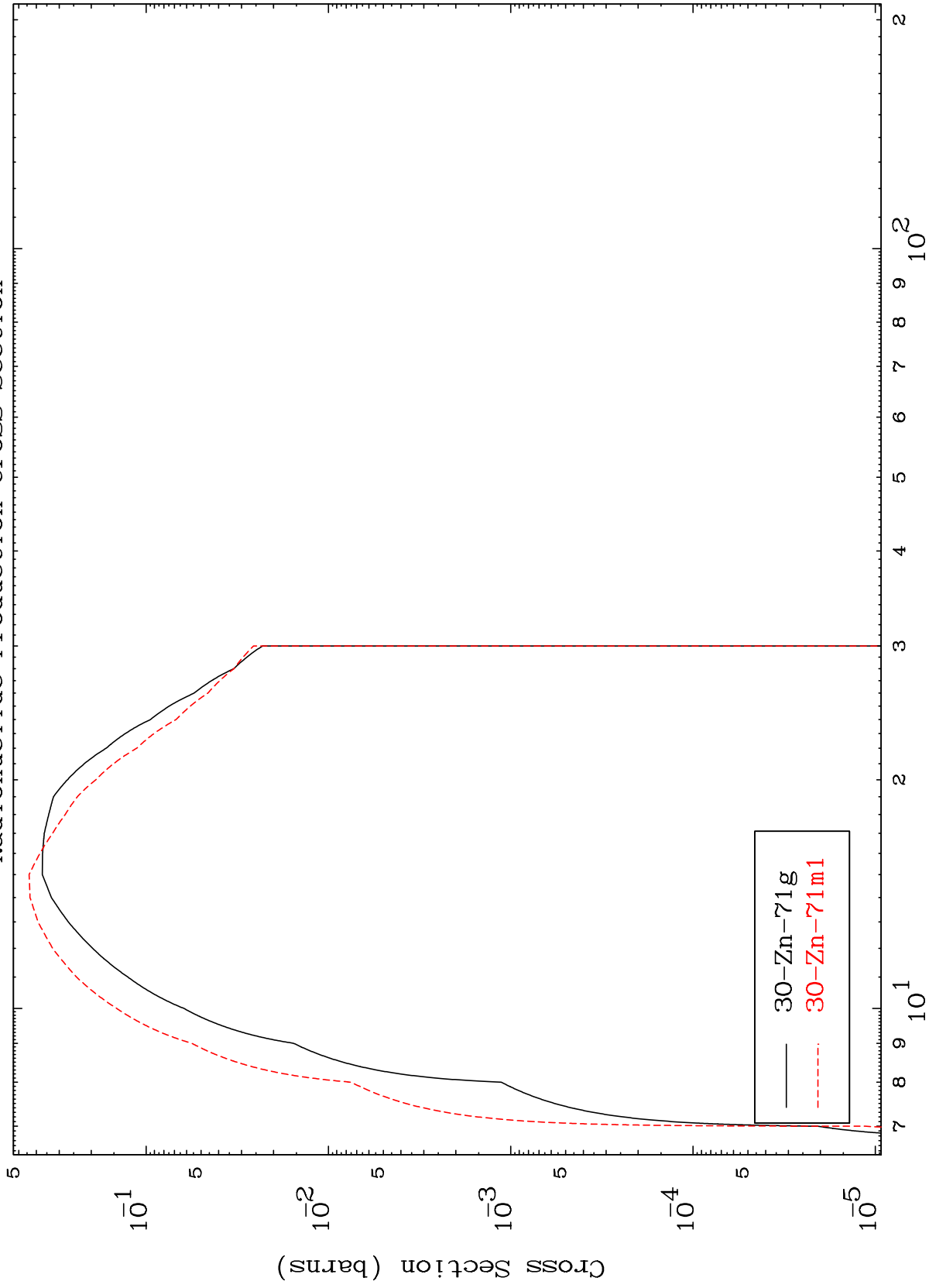
Incident Energy (MeV)

28-Ni-69

MAT 2858

28-Ni-69

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



12

Incident Energy (MeV)

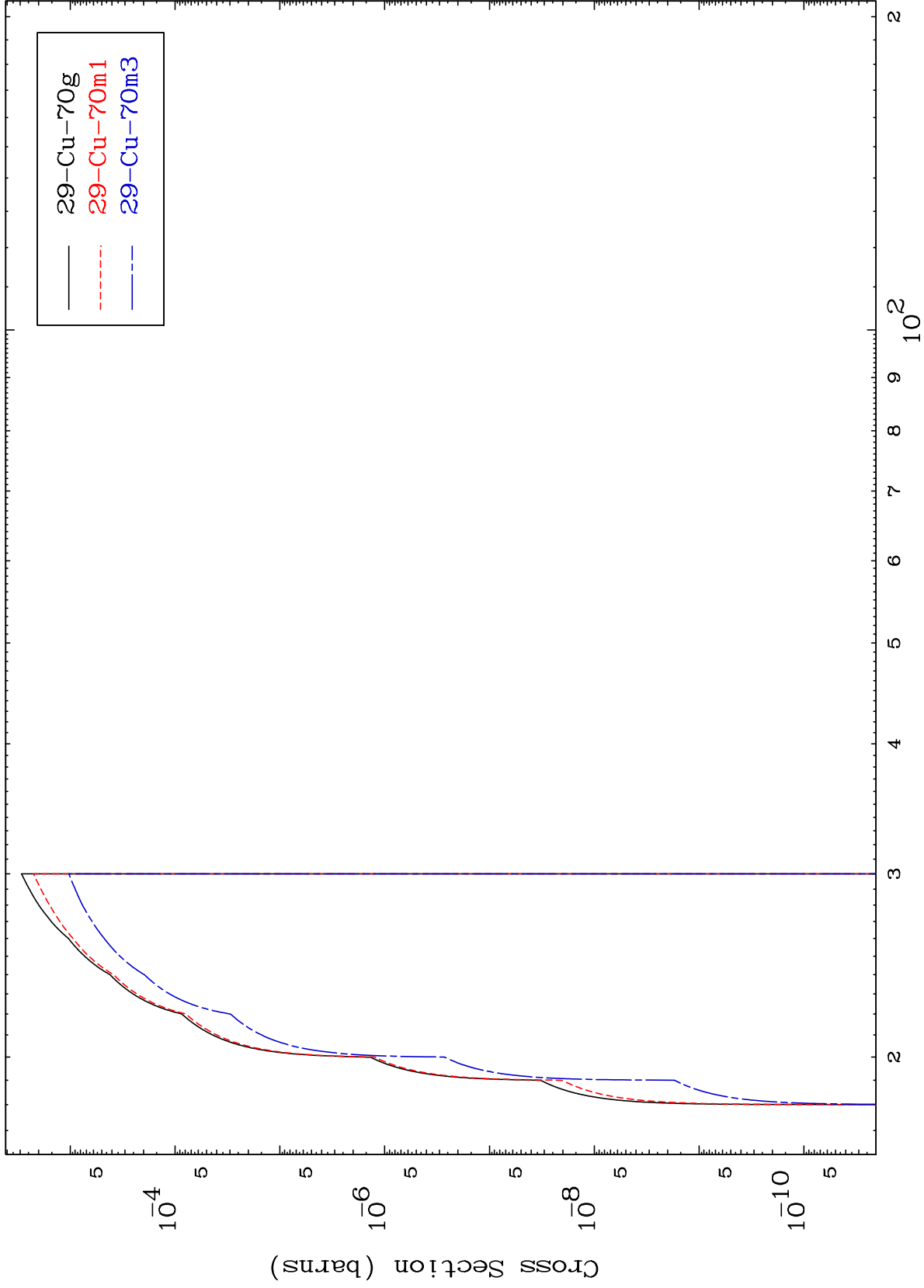
28-Ni-69

MAT 2858

(α, n') d

28-Ni-69

Radionuclide Production Cross Section



13

Incident Energy (MeV)

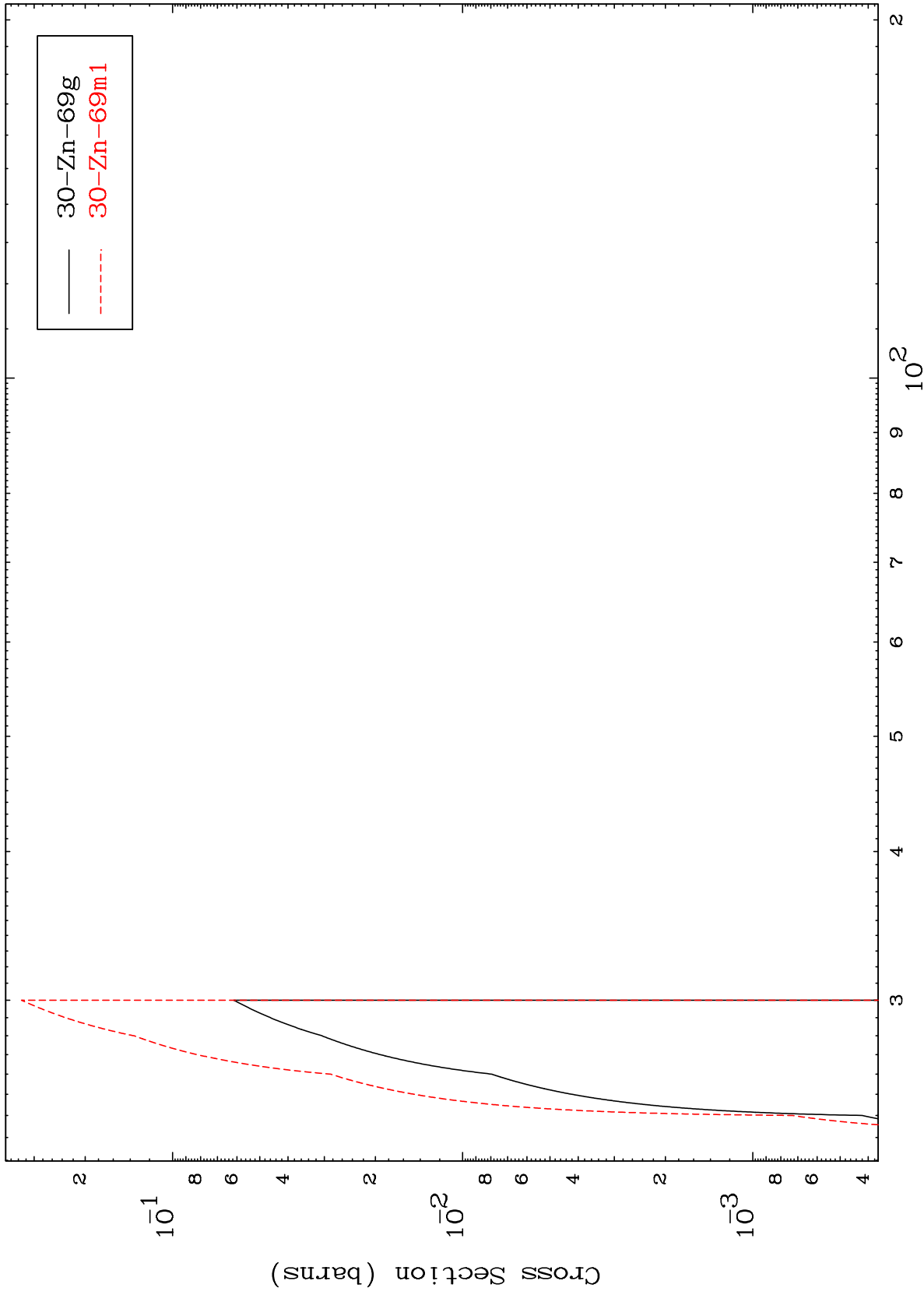
28-Ni-69

MAT 2858

($\alpha, 4n$)

28-Ni-69

Radionuclide Production Cross Section



14

Incident Energy (MeV)

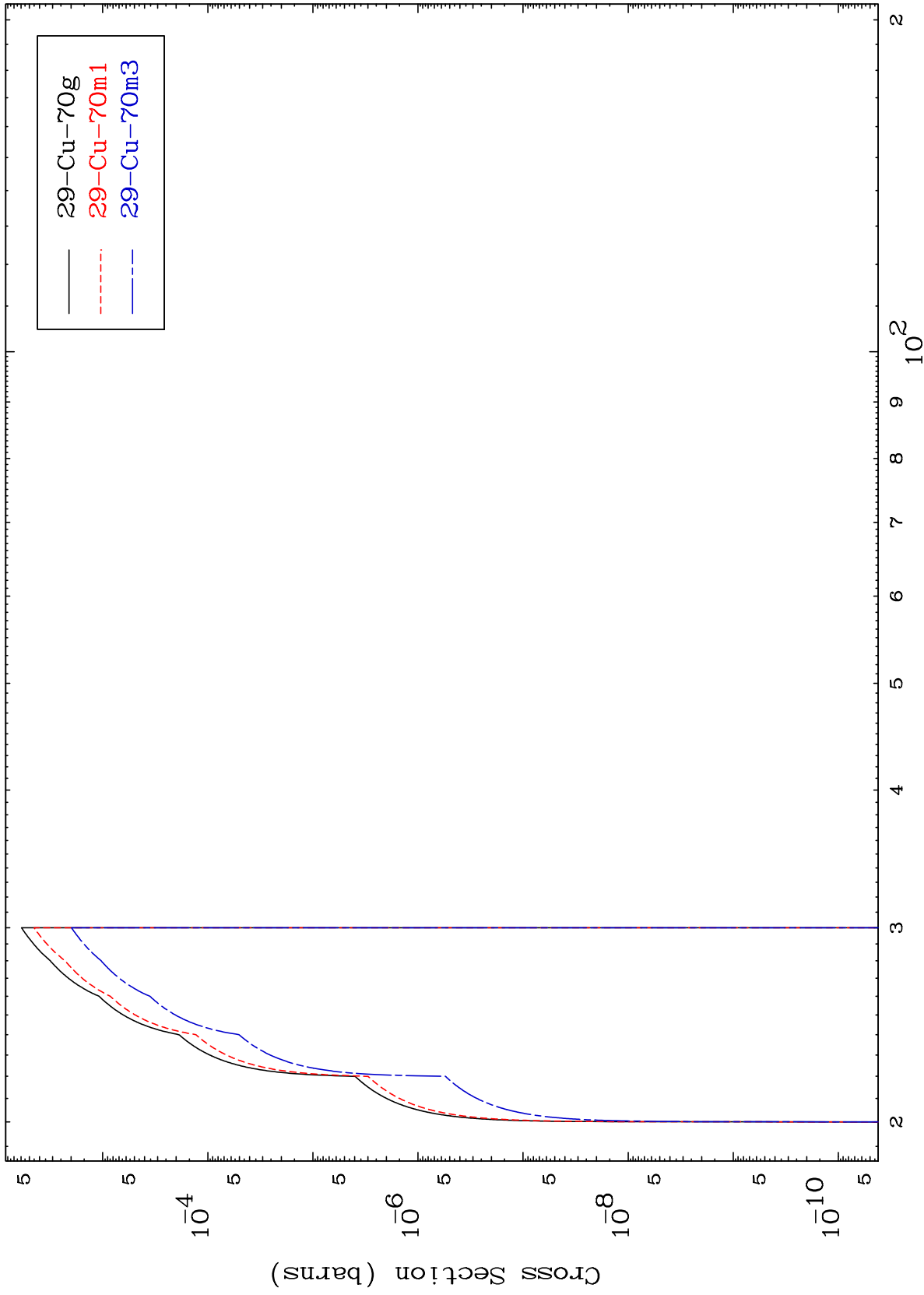
28-Ni-69

MAT 2858

($\alpha, 2n$) p

²⁸Ni-69

Radionuclide Production Cross Section



15

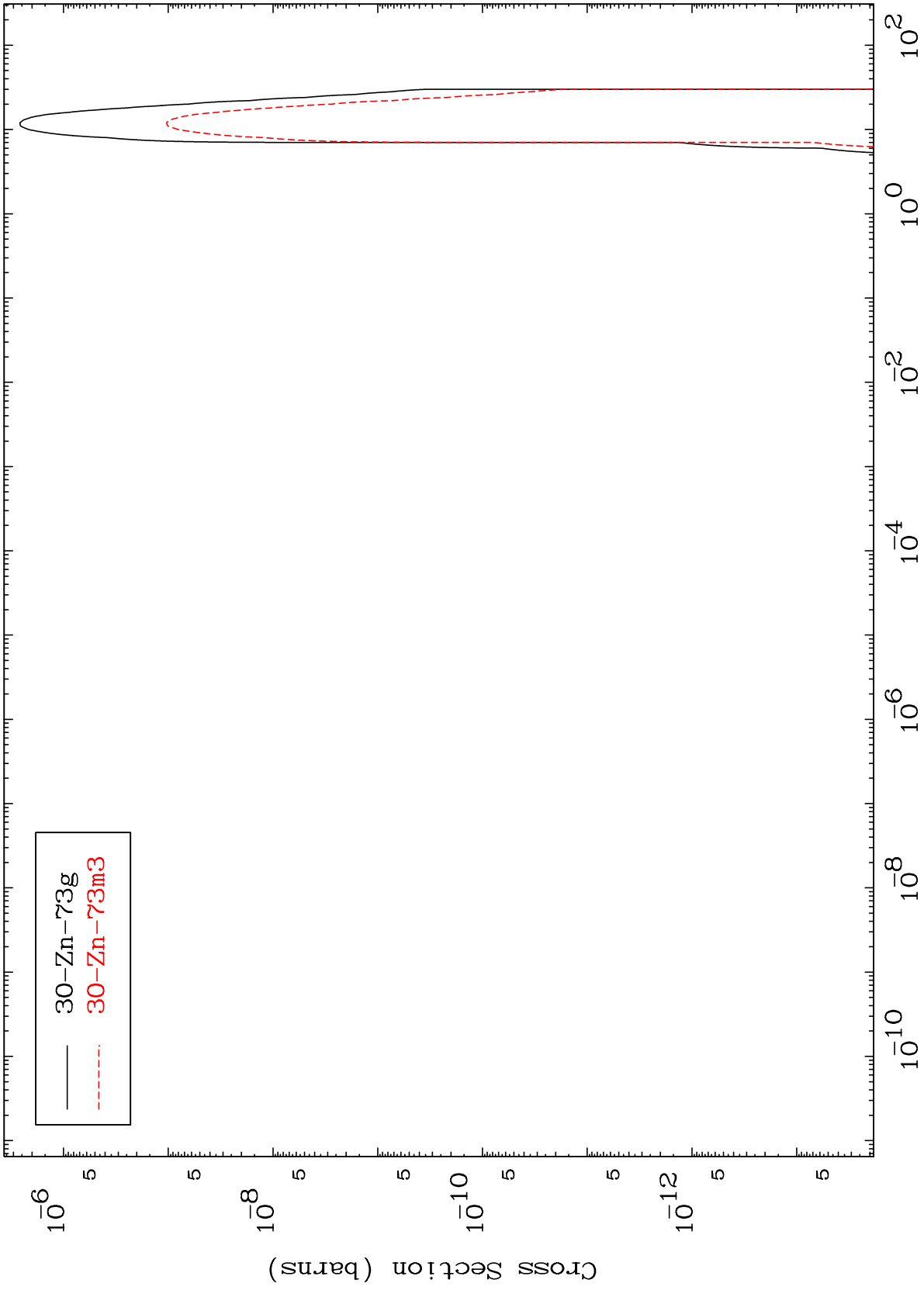
Incident Energy (MeV)

²⁸Ni-69

MAT 2858

Radionuclide Production Cross Section
(α, γ)

28-Ni-69



16

Incident Energy (MeV)

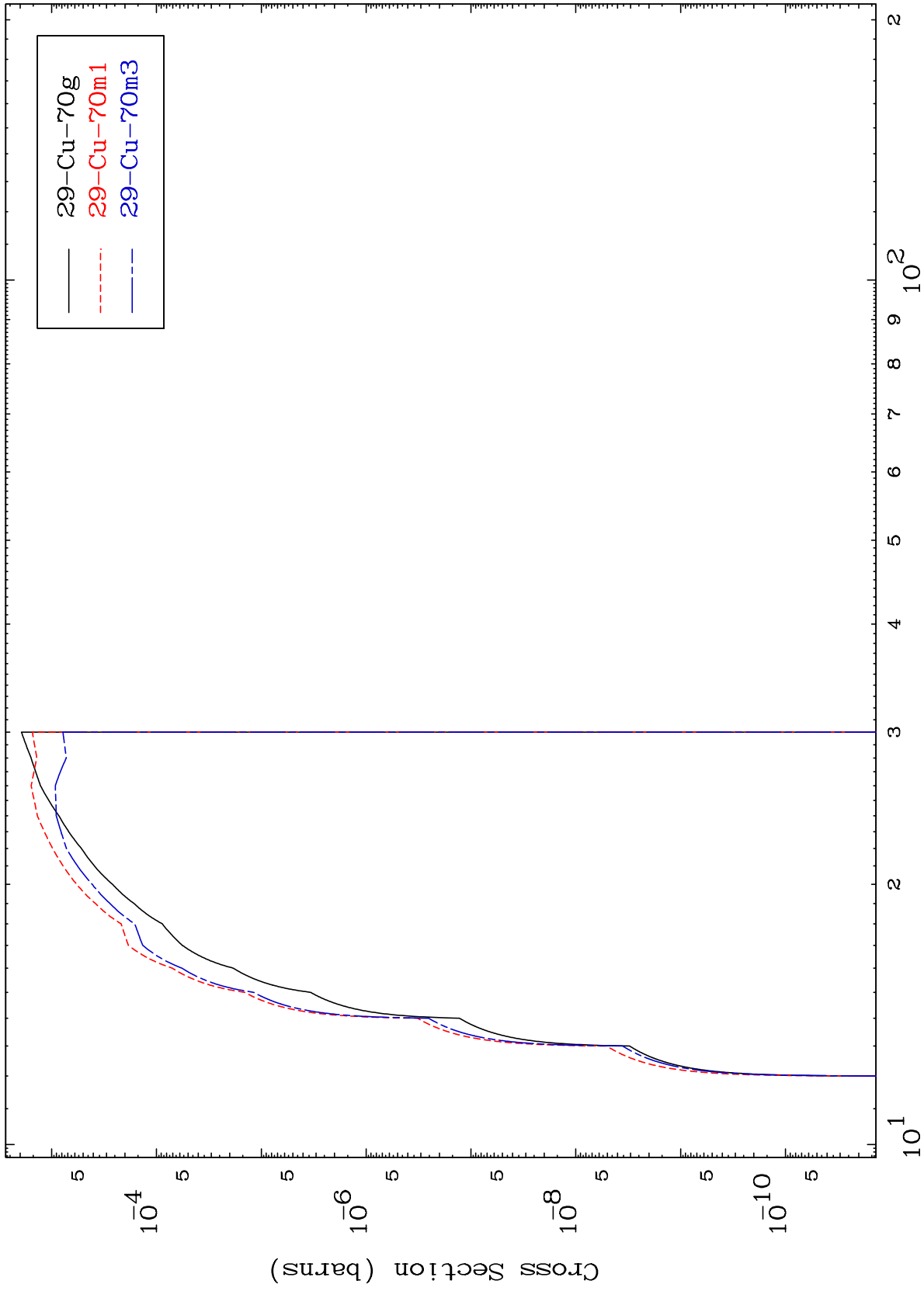
28-Ni-69

MAT 2858

(α, t)

²⁸Ni-69

Radionuclide Production Cross Section



17

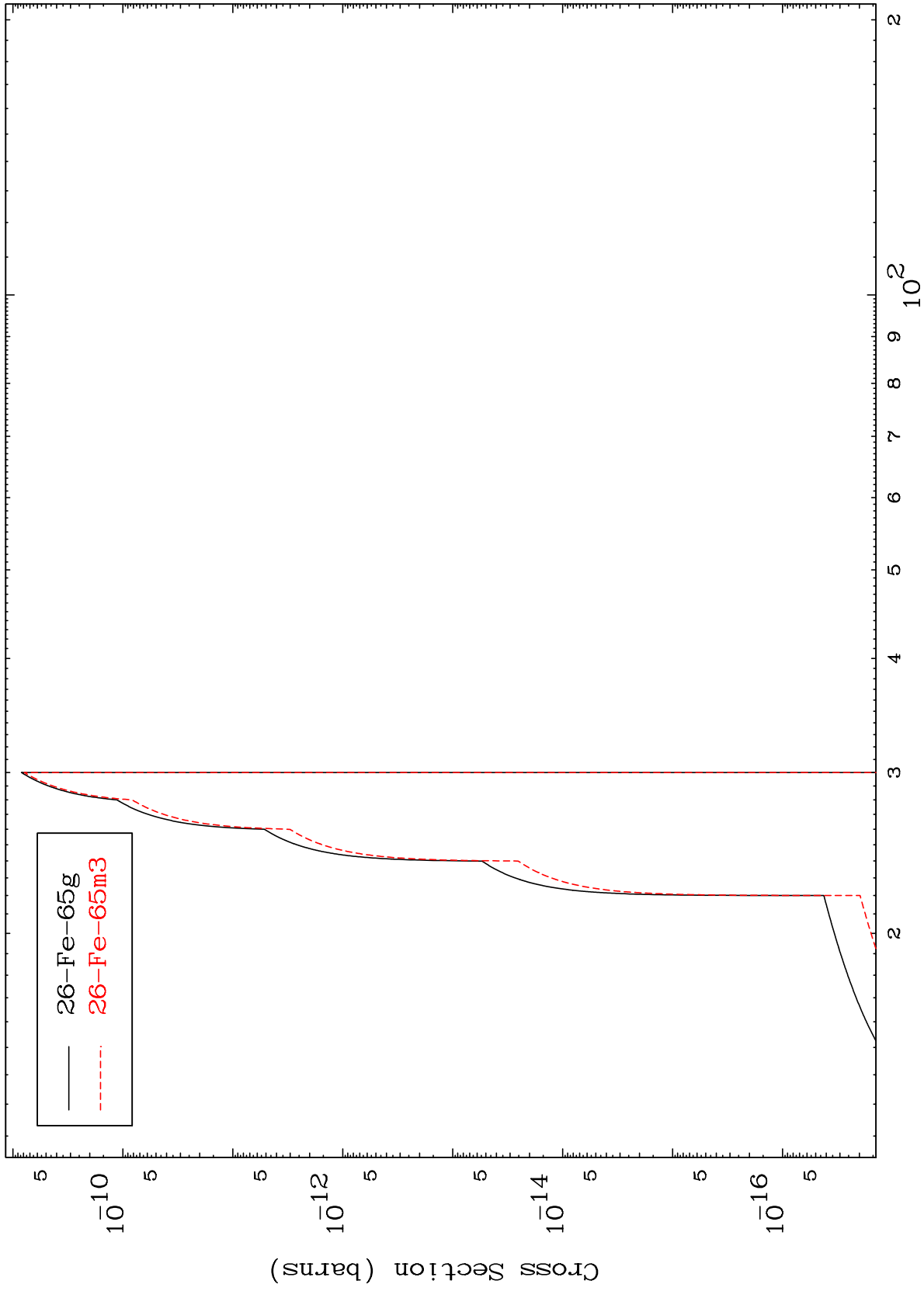
Incident Energy (MeV)

²⁸Ni-69

MAT 2858

28-Ni-69

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



18

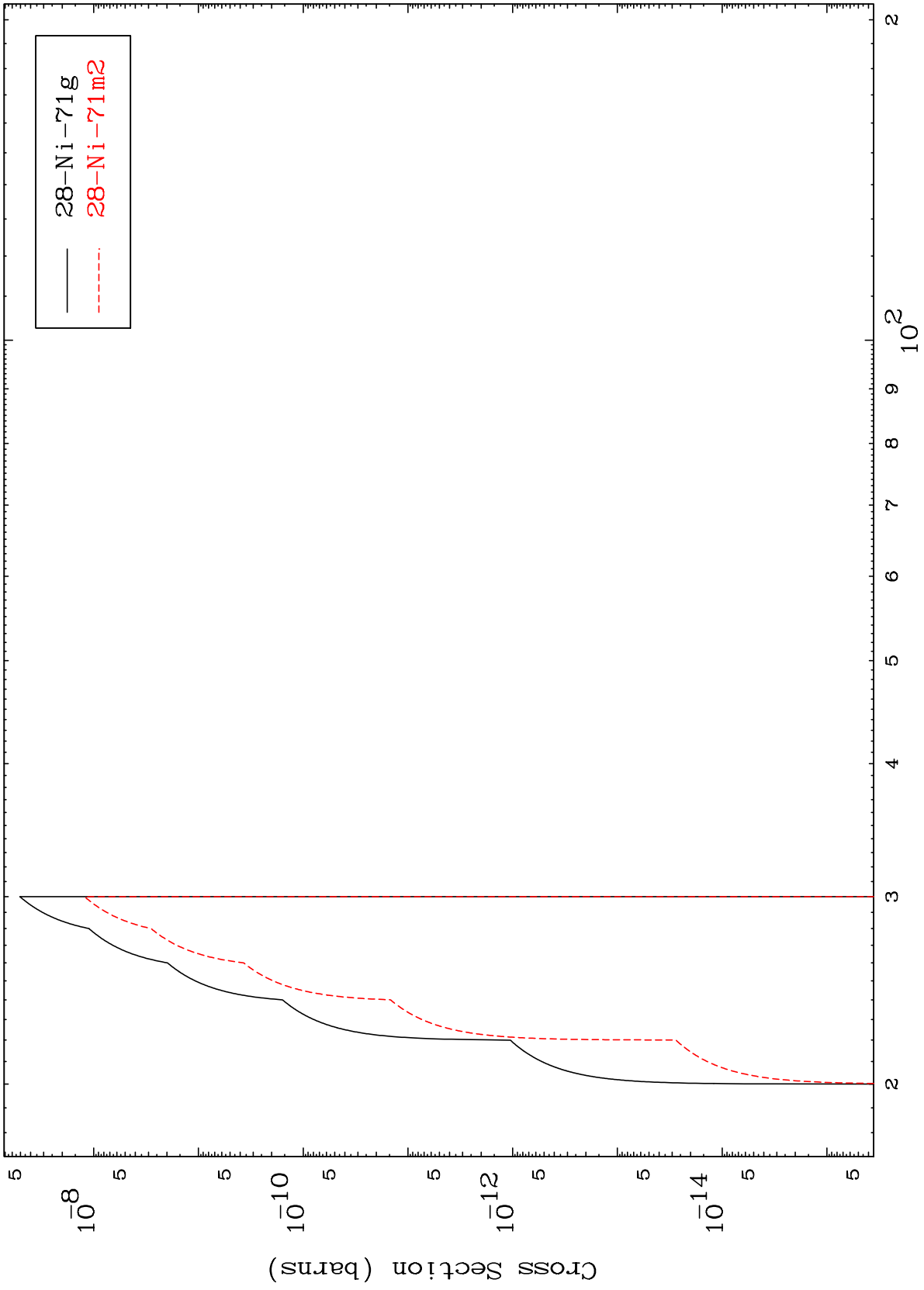
Incident Energy (MeV)

28-Ni-69

MAT 2858

28-Ni-69

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



19

Incident Energy (MeV)

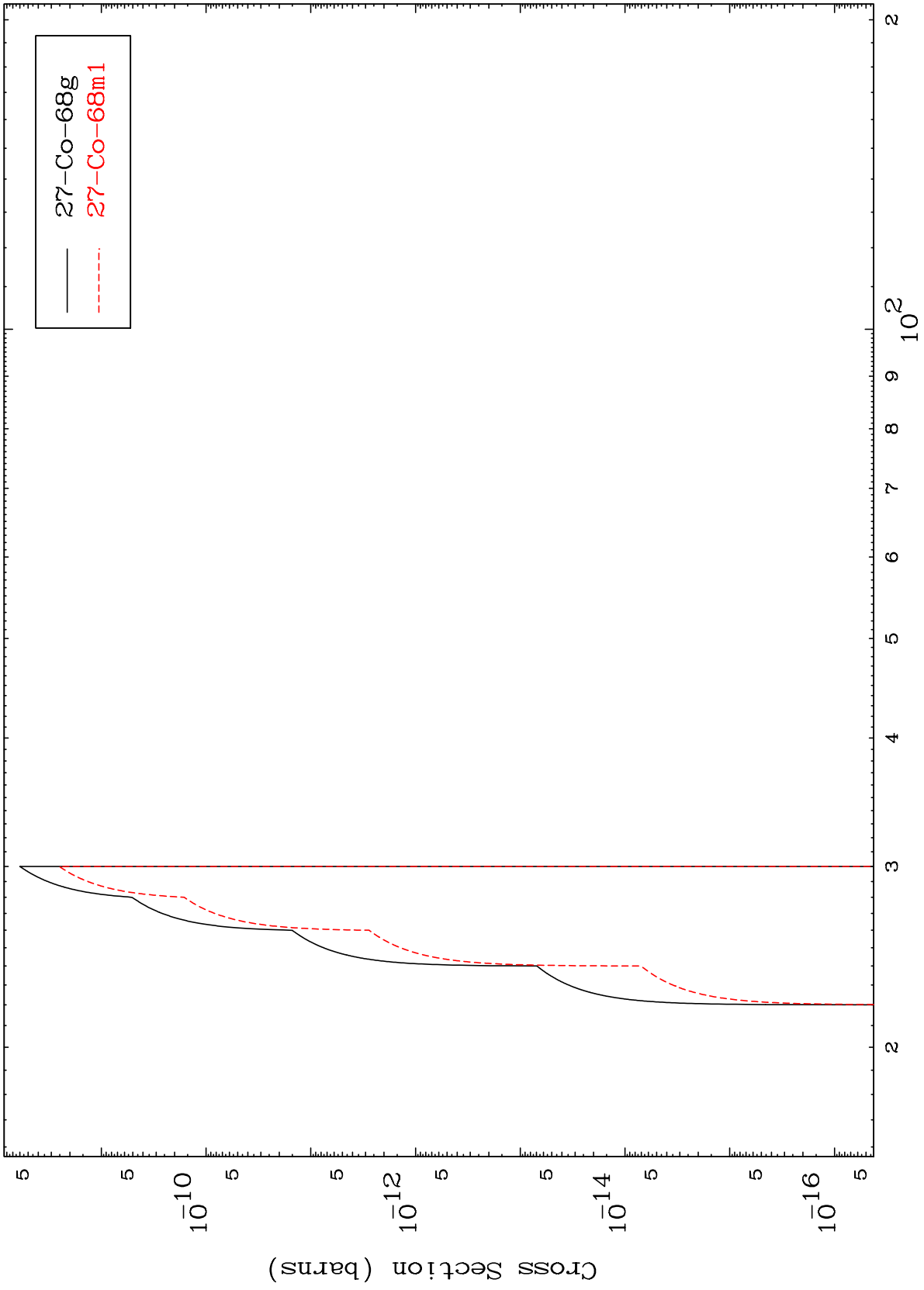
28-Ni-69

MAT 2858

(α, p) α

$^{28}\text{Ni-69}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

$^{28}\text{Ni-69}$