

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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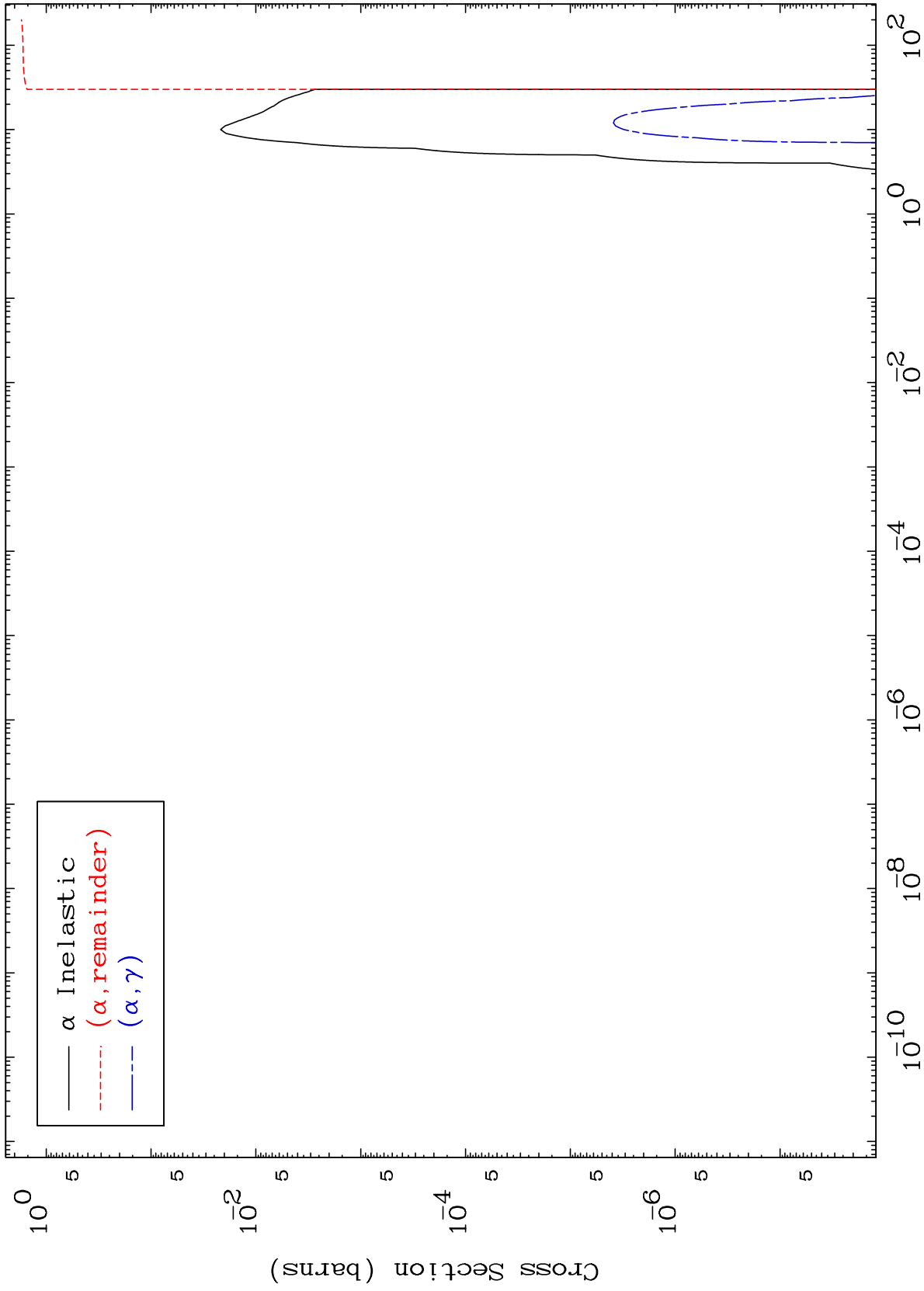
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2861

0 Kelvin α Major
Cross Sections

$^{28}\text{Ni-70}$

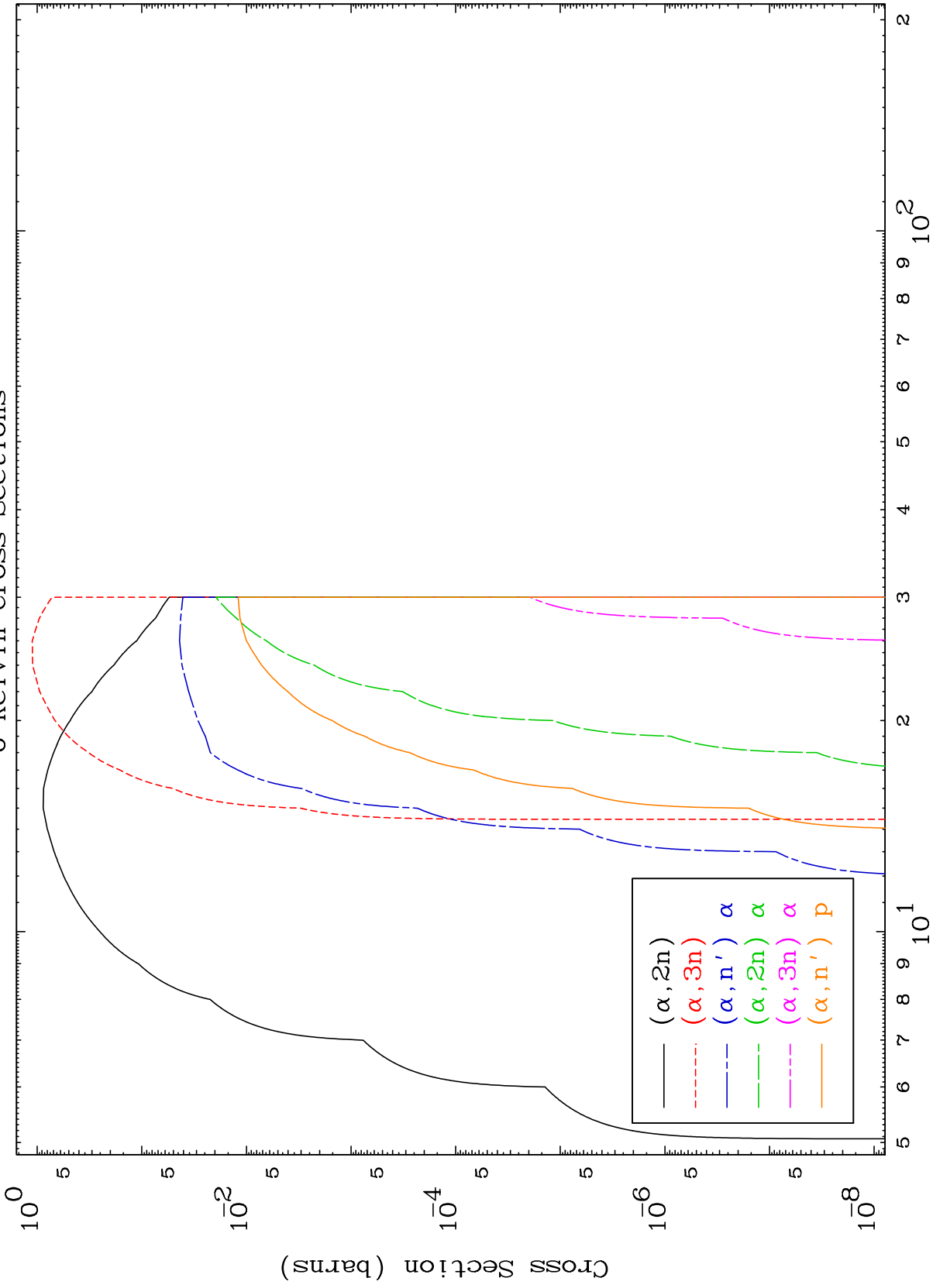


$^{28}\text{Ni-70}$

MAT 2861

α Neutron Production
0 Kelvin Cross Sections

28-Ni-70



2

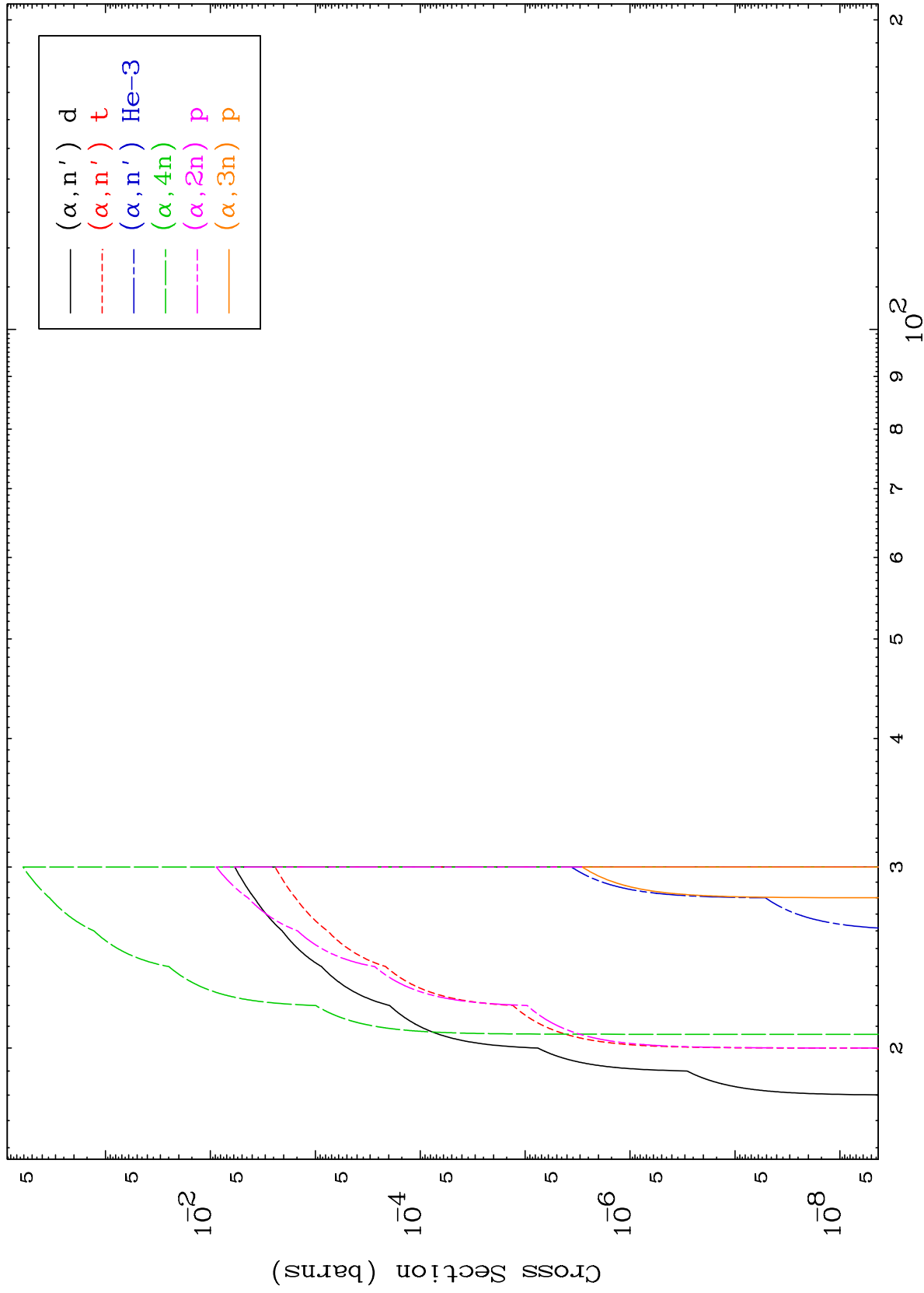
Incident Energy (MeV)

28-Ni-70

MAT 2861

α Neutron Production
0 Kelvin Cross Sections

28-Ni-70



3

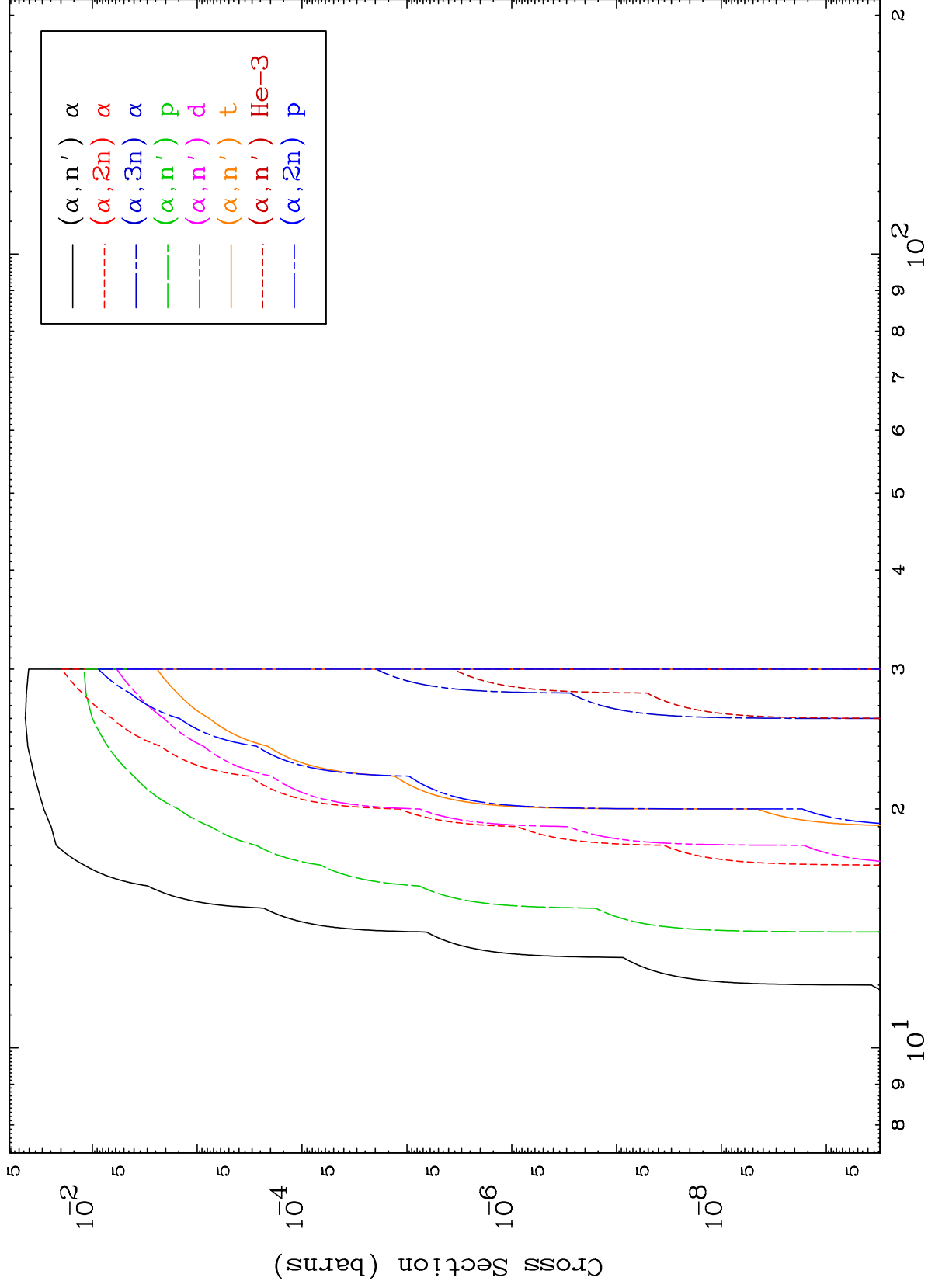
Incident Energy (MeV)

28-Ni-70

MAT 2861

α Charged Particle
0 Kelvin Cross Sections

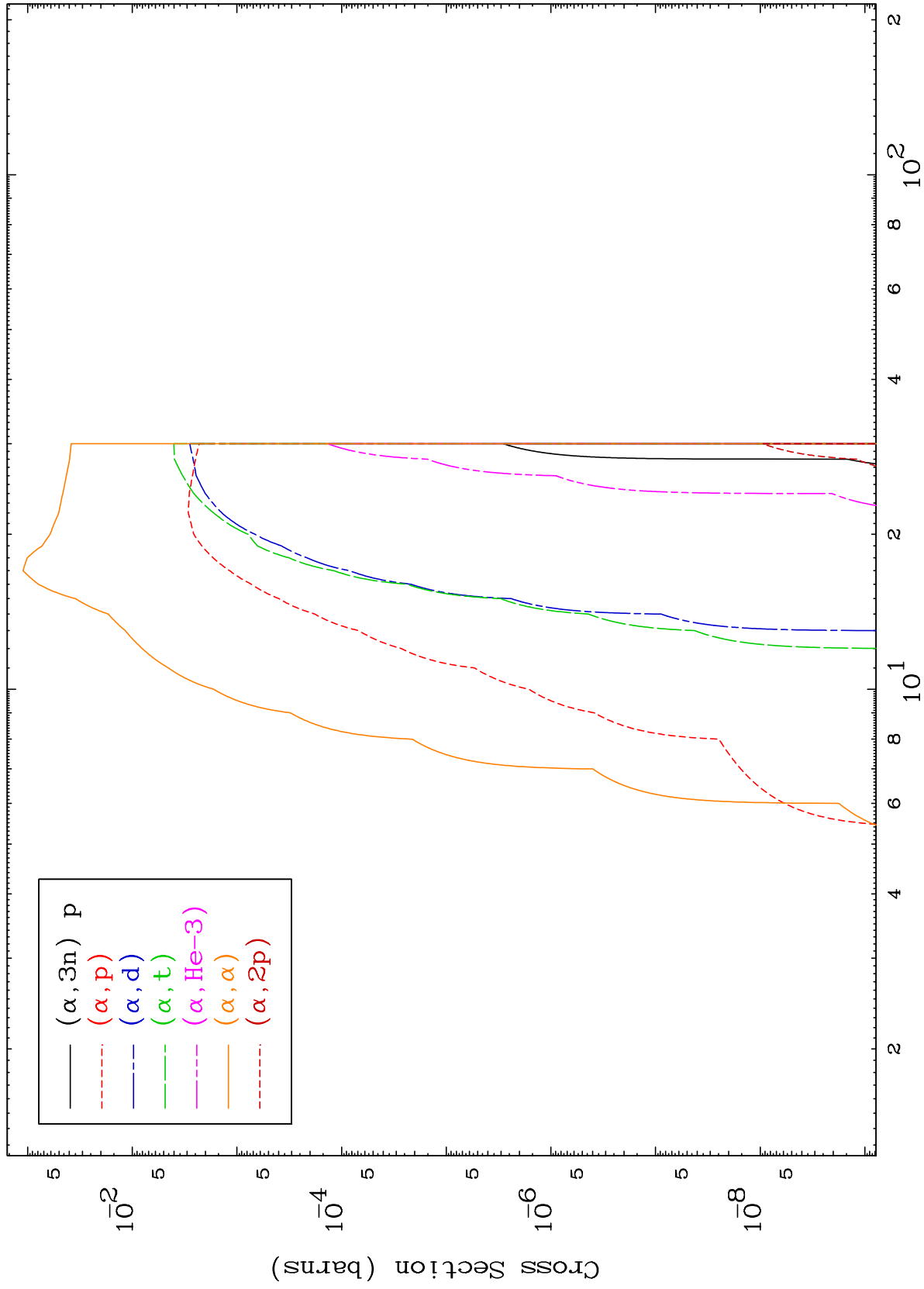
$^{28}\text{Ni-70}$



4

Incident Energy (MeV)

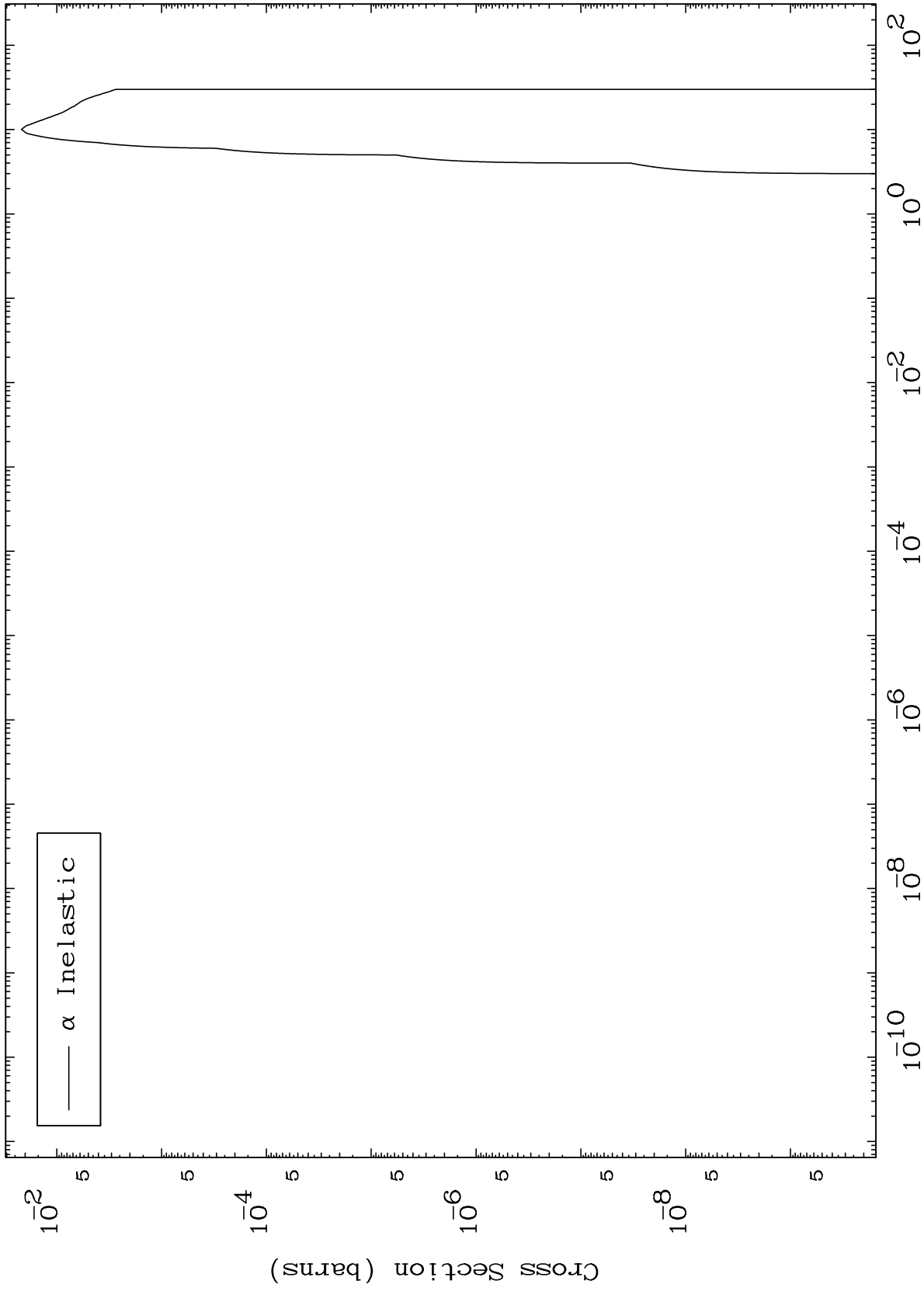
$^{28}\text{Ni-70}$



MAT 2861

(α, n') Level
0 Kelvin Cross Sections

28-Ni-70



6

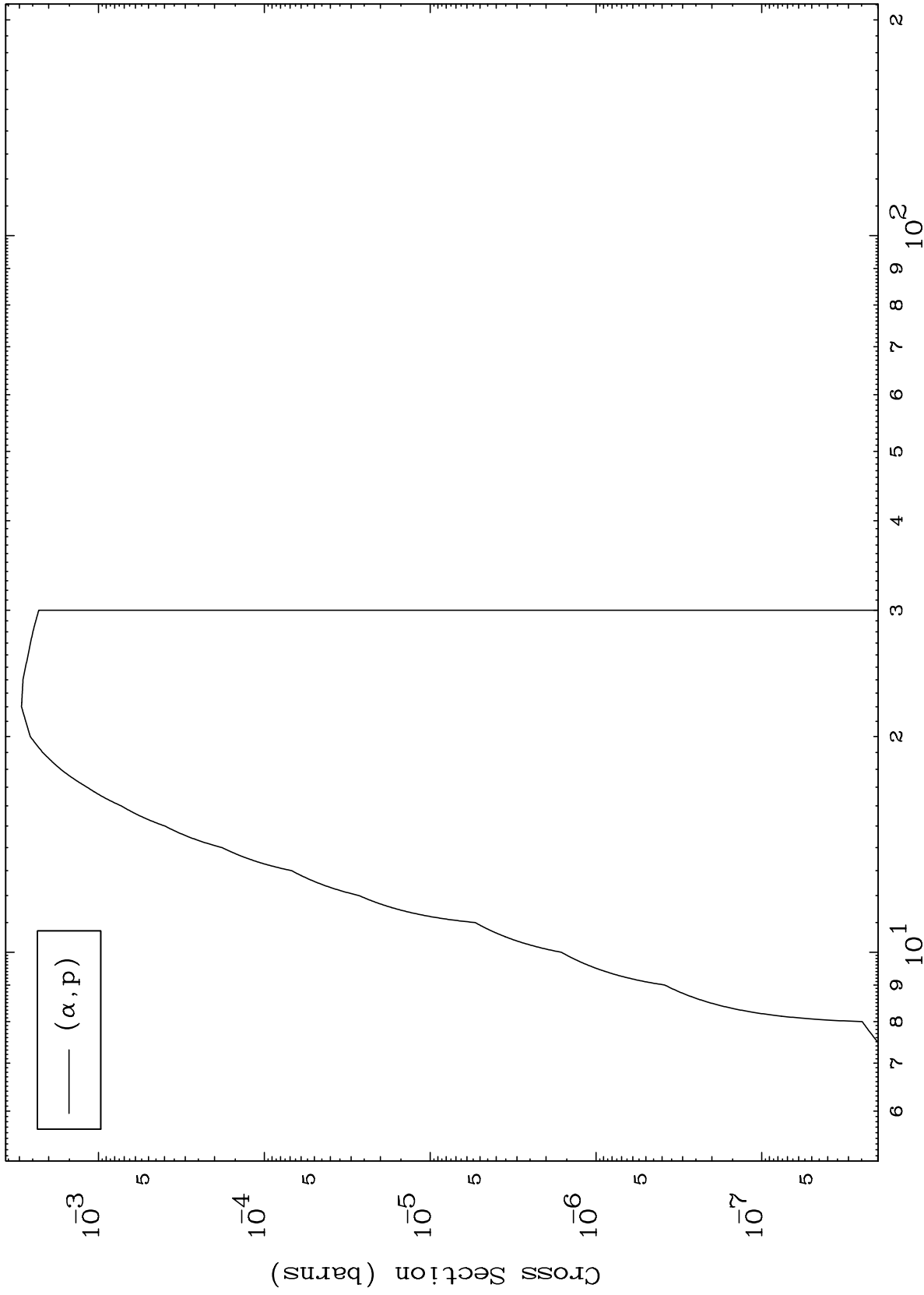
Incident Energy (MeV)

28-Ni-70

MAT 2861

(α, p) Levels
0 Kelvin Cross Sections

28-Ni-70

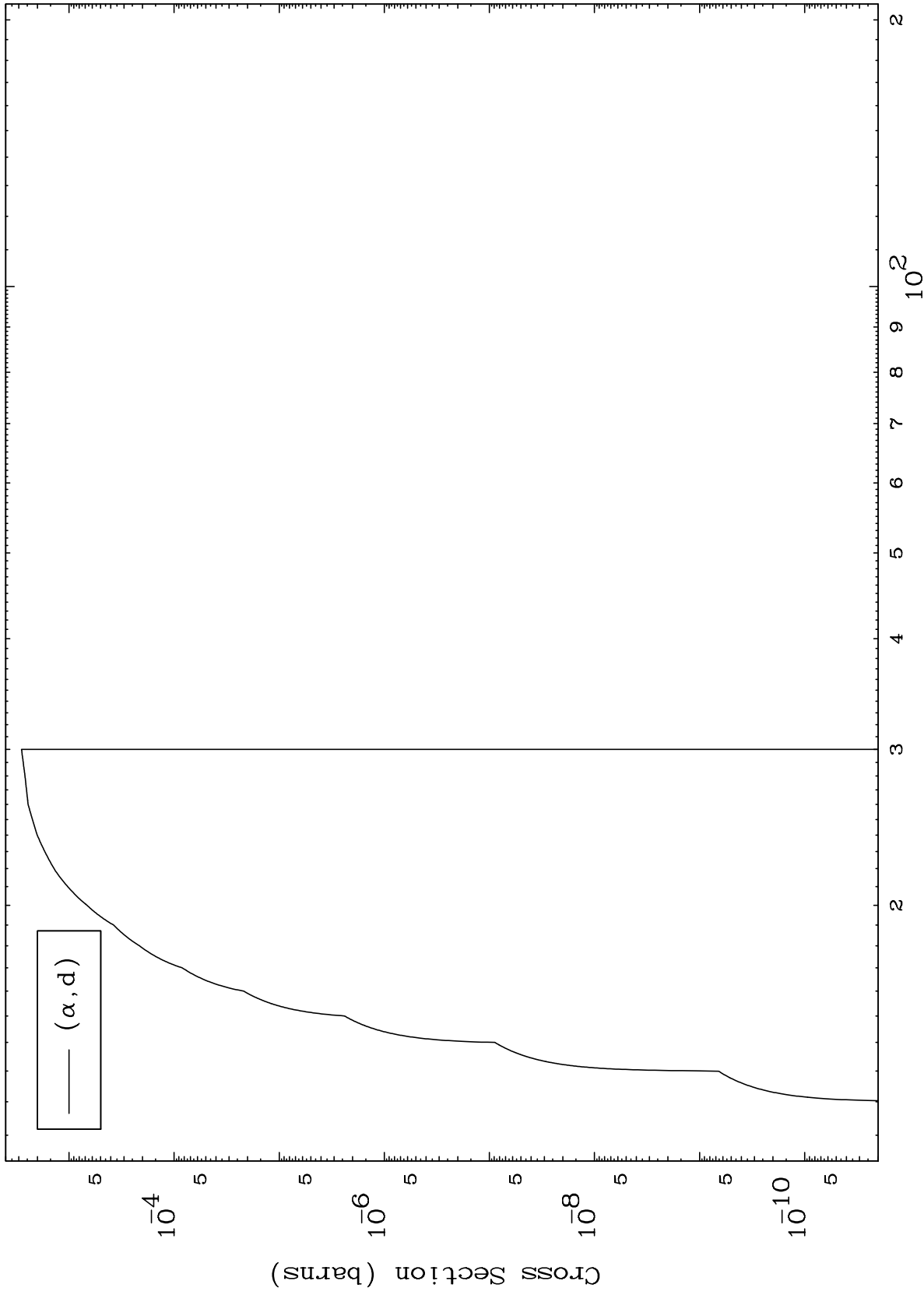


7

MAT 2861

(α, d) Levels
0 Kelvin Cross Sections

28-Ni-70



8

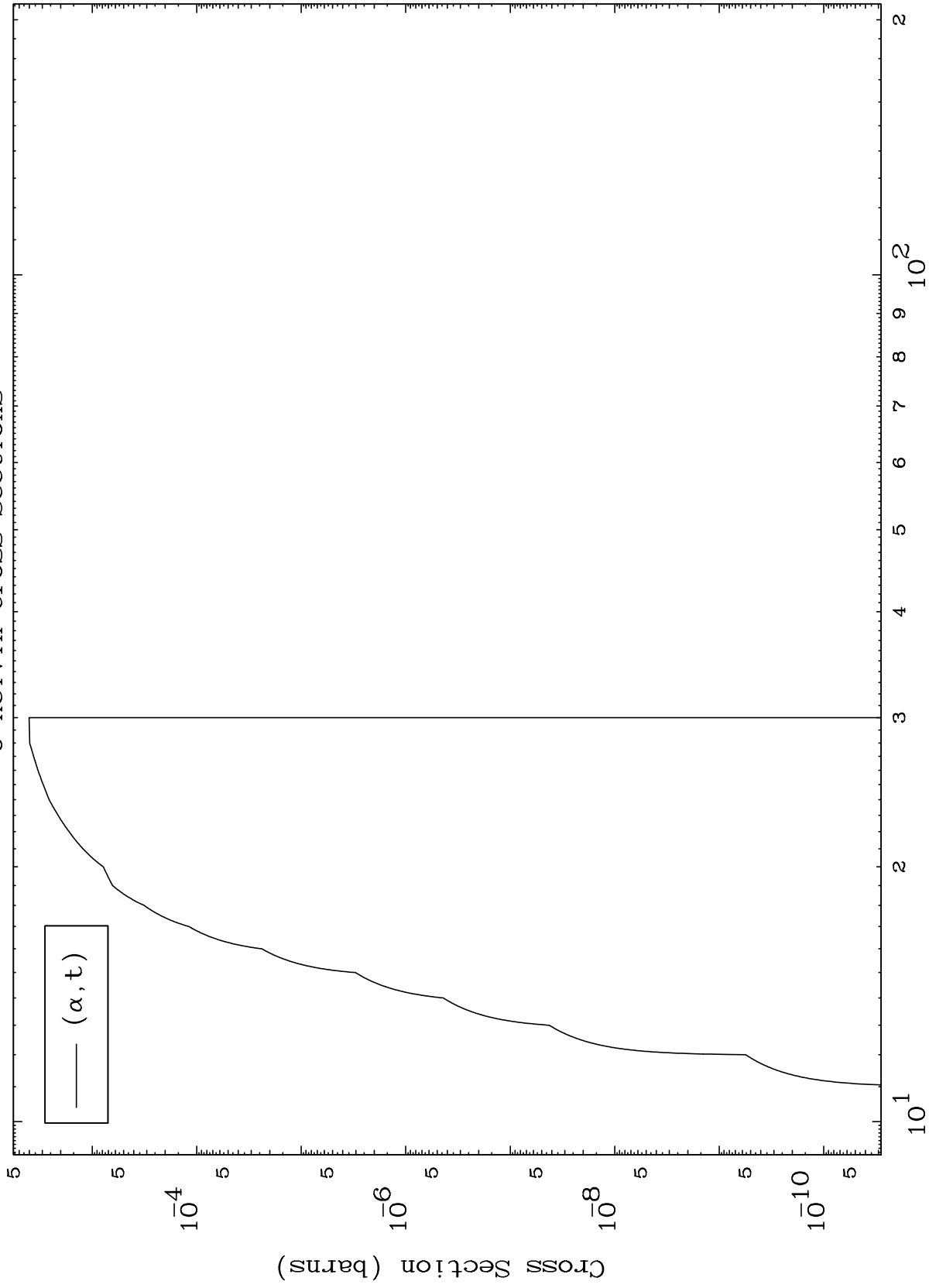
Incident Energy (MeV)

28-Ni-70

MAT 2861

(α, t) Levels
0 Kelvin Cross Sections

28-Ni-70



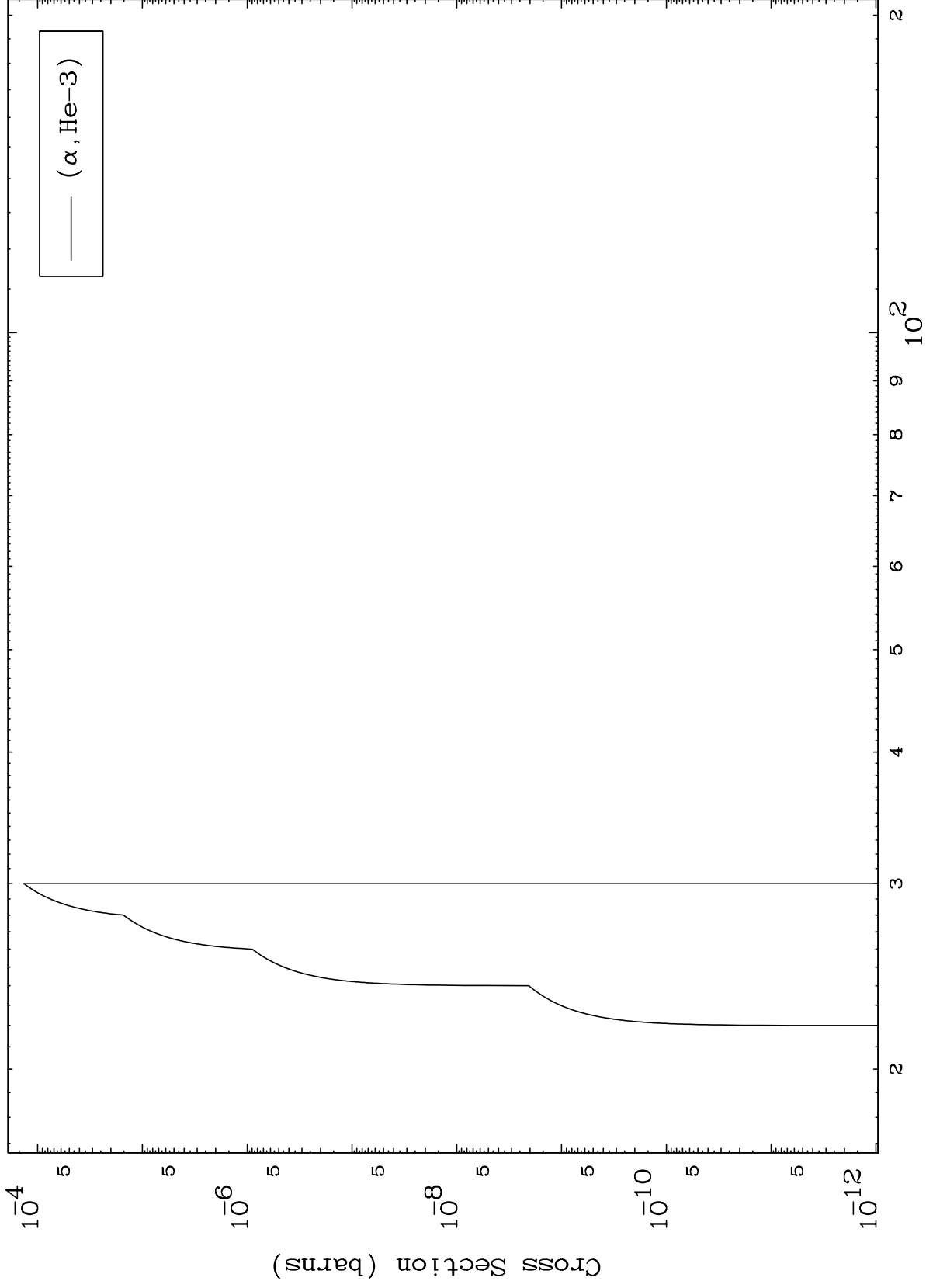
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

$^{28}\text{Ni}-70$



10

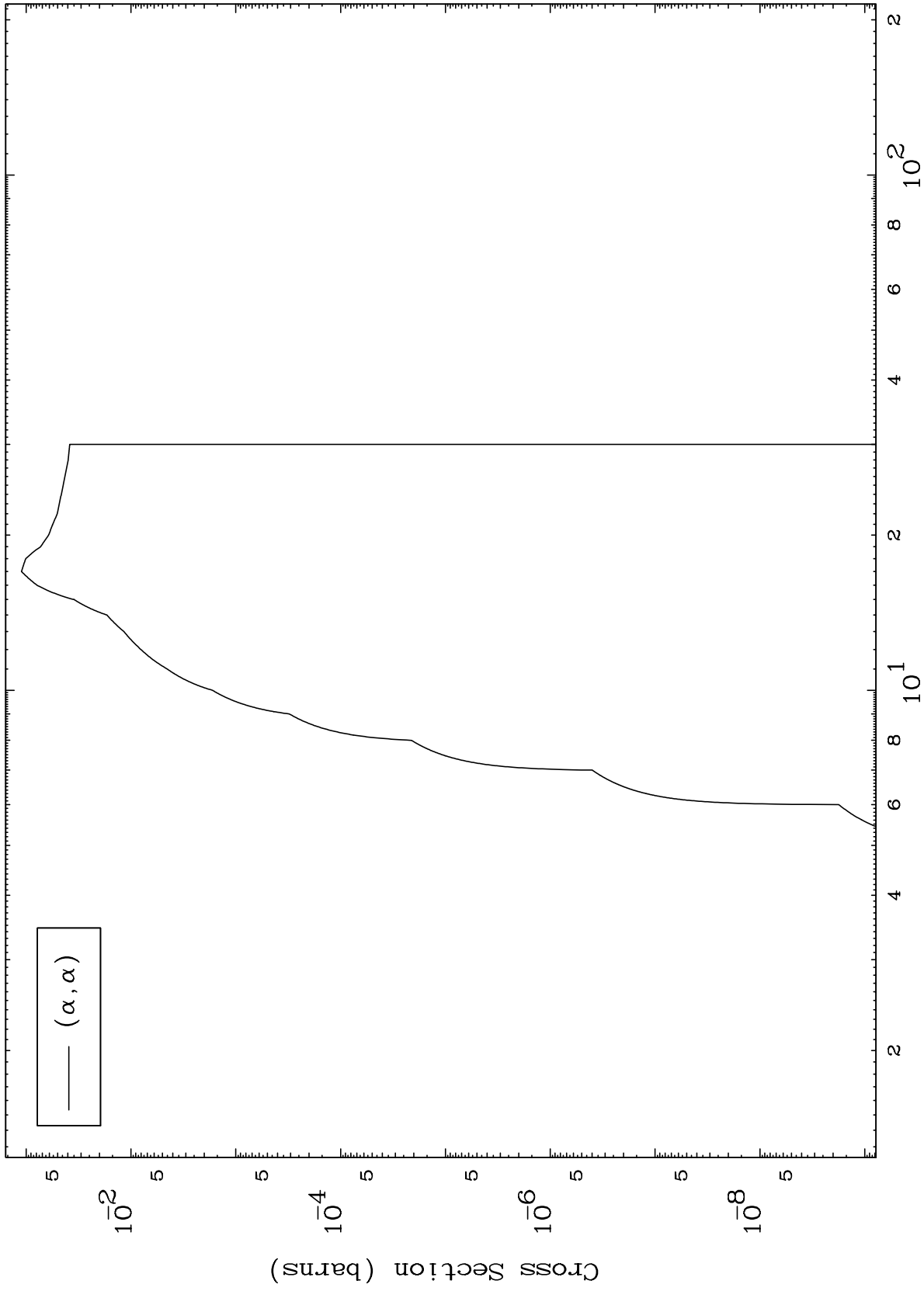
Incident Energy (MeV)

$^{28}\text{Ni}-70$

MAT 2861

(α, α) Levels
0 Kelvin Cross Sections

28-Ni-70



11

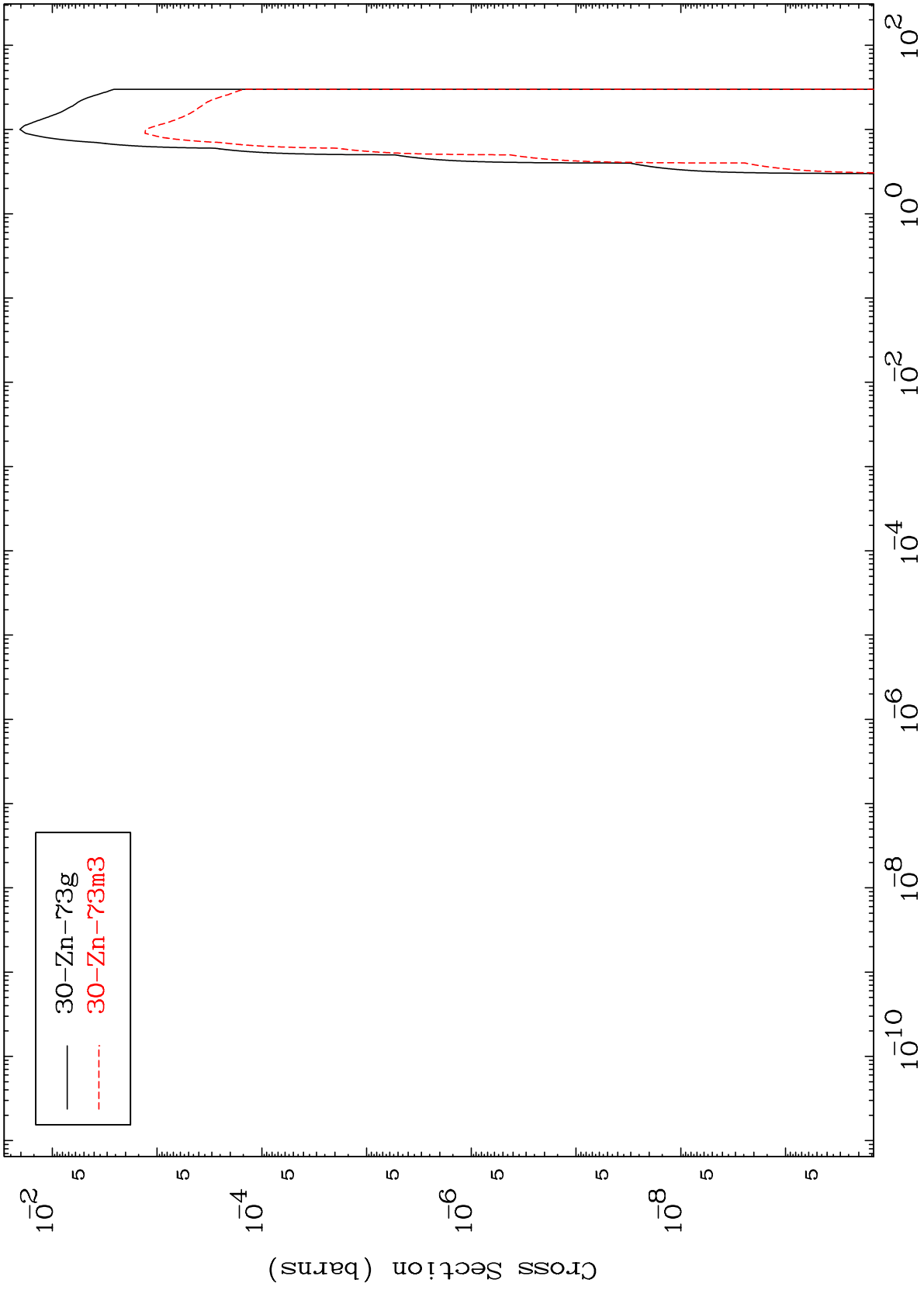
Incident Energy (MeV)

28-Ni-70

MAT 2861

α Inelastic
Radionuclide Production Cross Section

28-Ni-70



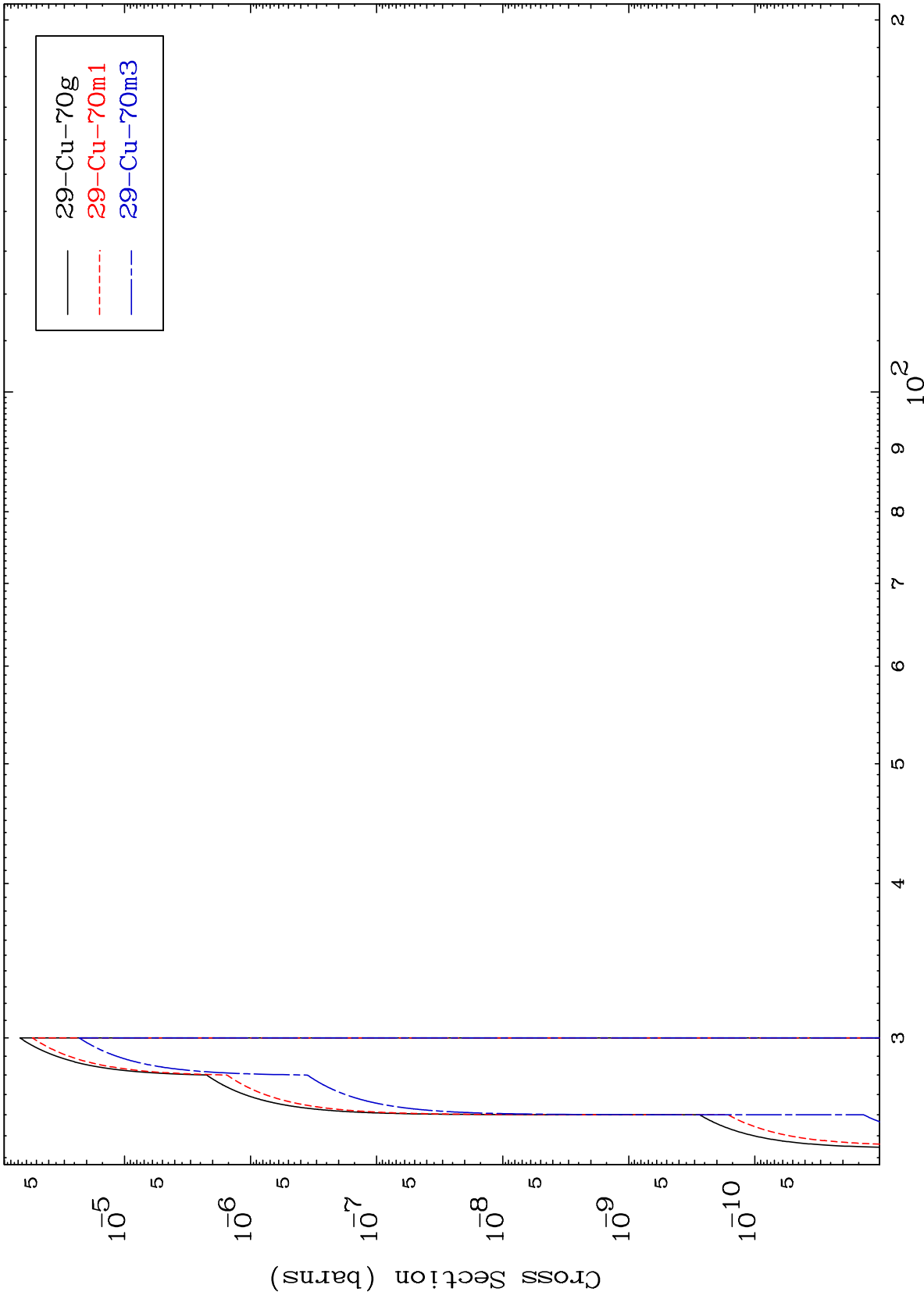
28-Ni-70

MAT 2861

($\alpha, 2n$) d

²⁸Ni-70

Radionuclide Production Cross Section



13

Incident Energy (MeV)

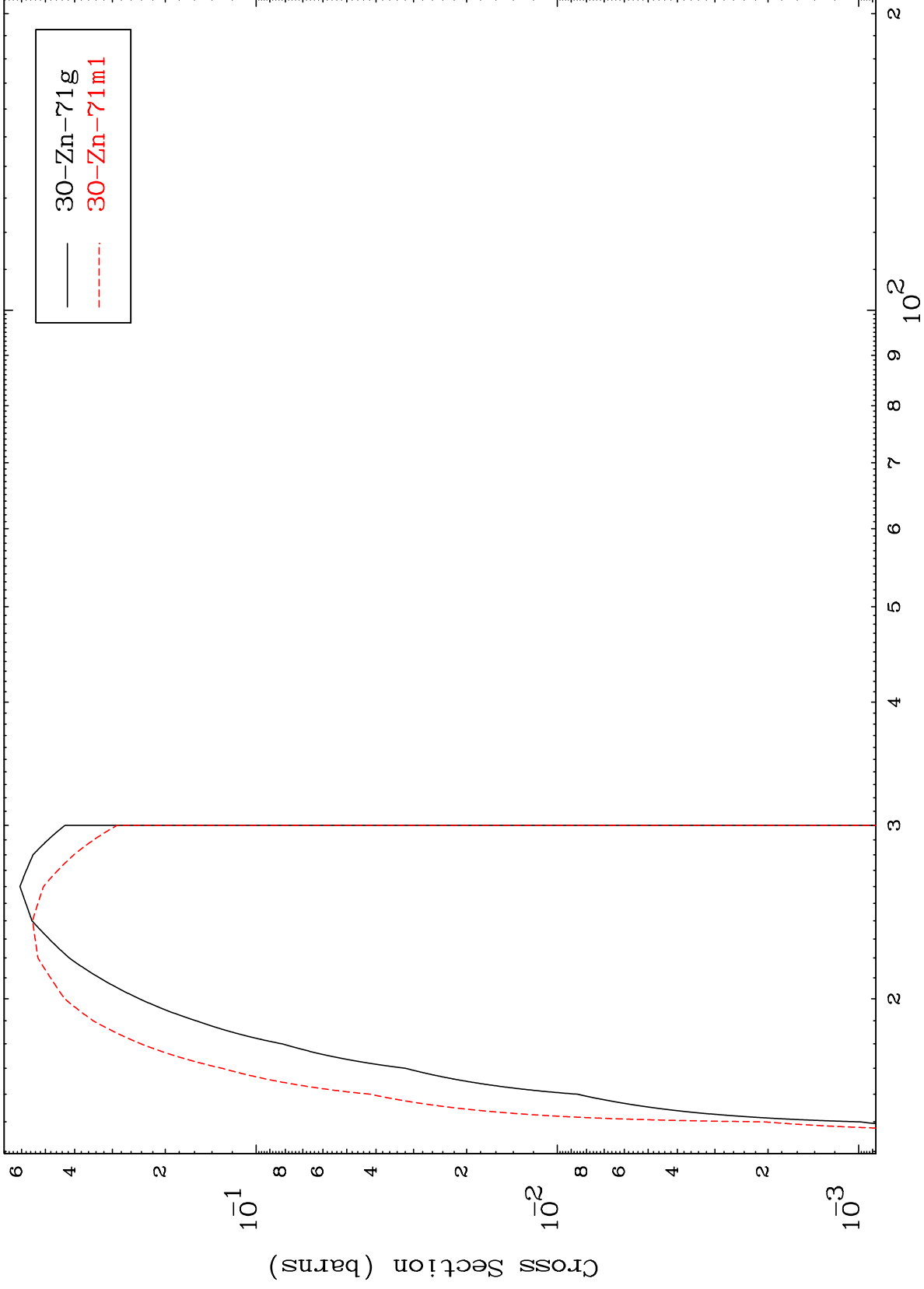
²⁸Ni-70

MAT 2861

($\alpha, 3n$)

²⁸Ni-70

Radionuclide Production Cross Section



14

Incident Energy (MeV)

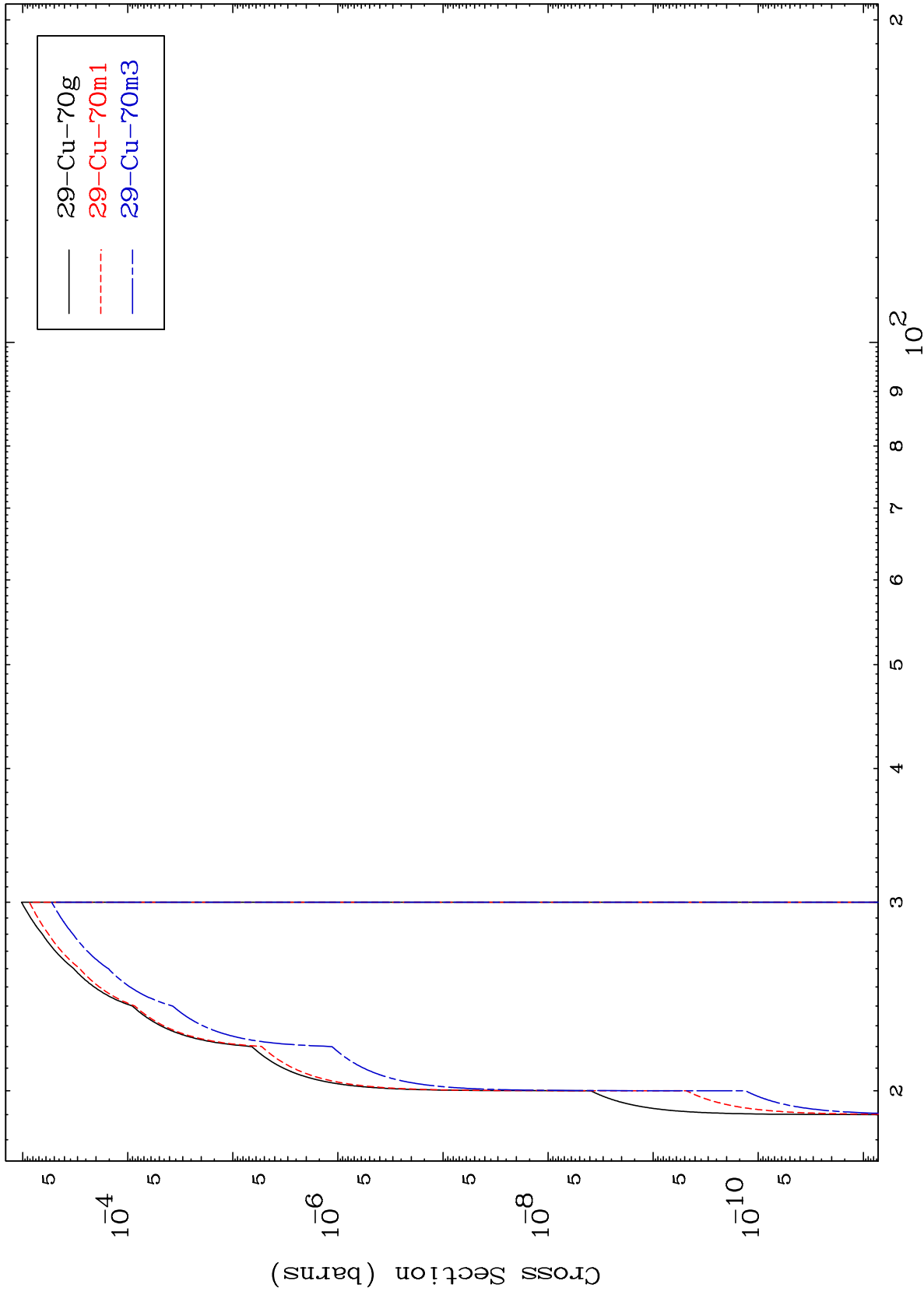
²⁸Ni-70

MAT 2861

(α, n') t

²⁸Ni-70

Radionuclide Production Cross Section



15

Incident Energy (MeV)

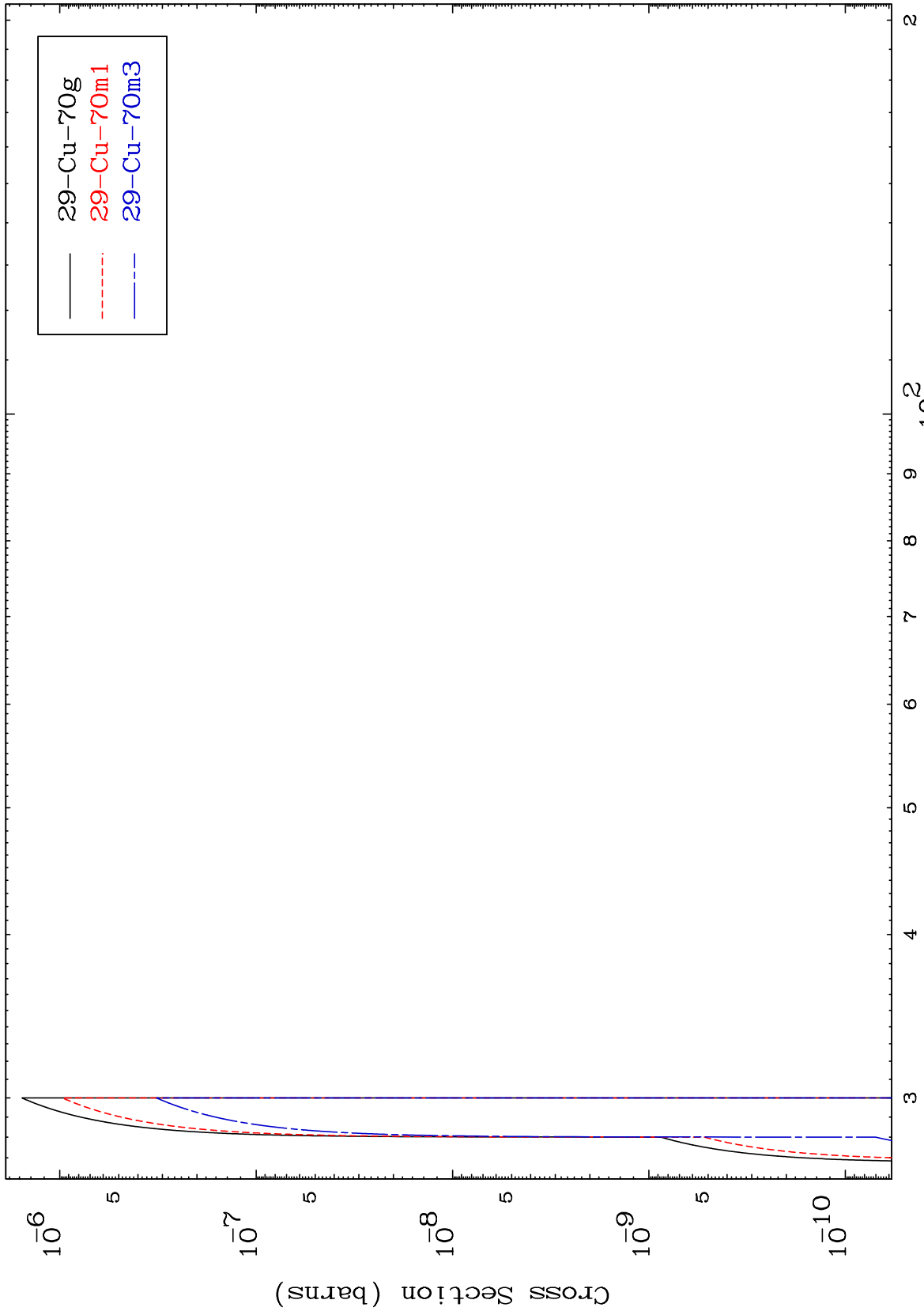
²⁸Ni-70

MAT 2861

$(\alpha, 3n)$ p

$^{28}\text{Ni-70}$

Radionuclide Production Cross Section



16

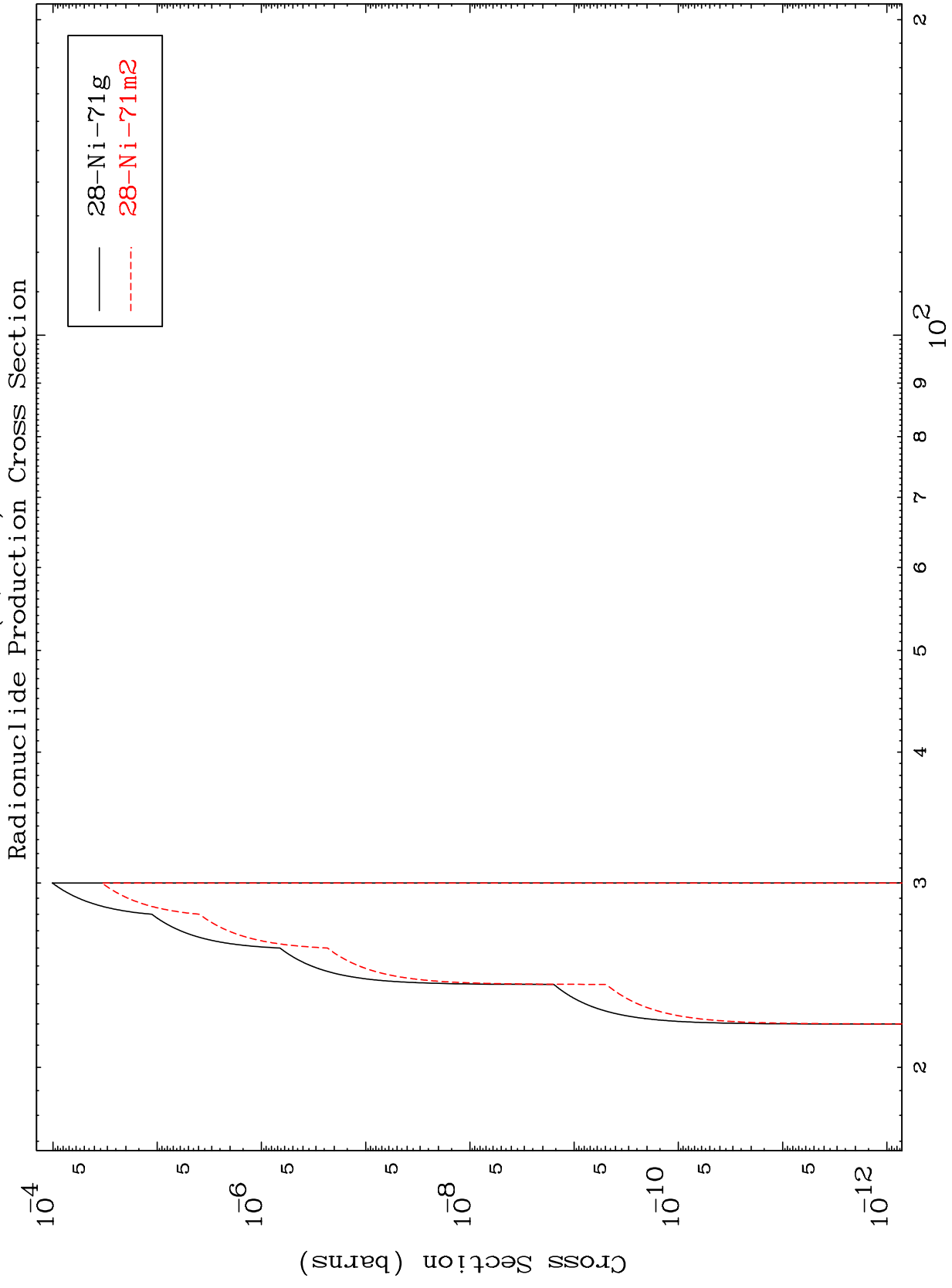
Incident Energy (MeV)

$^{28}\text{Ni-70}$

MAT 2861

($\alpha, \text{He-3}$)

$^{28}\text{Ni-70}$



17

$^{28}\text{Ni-70}$