

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

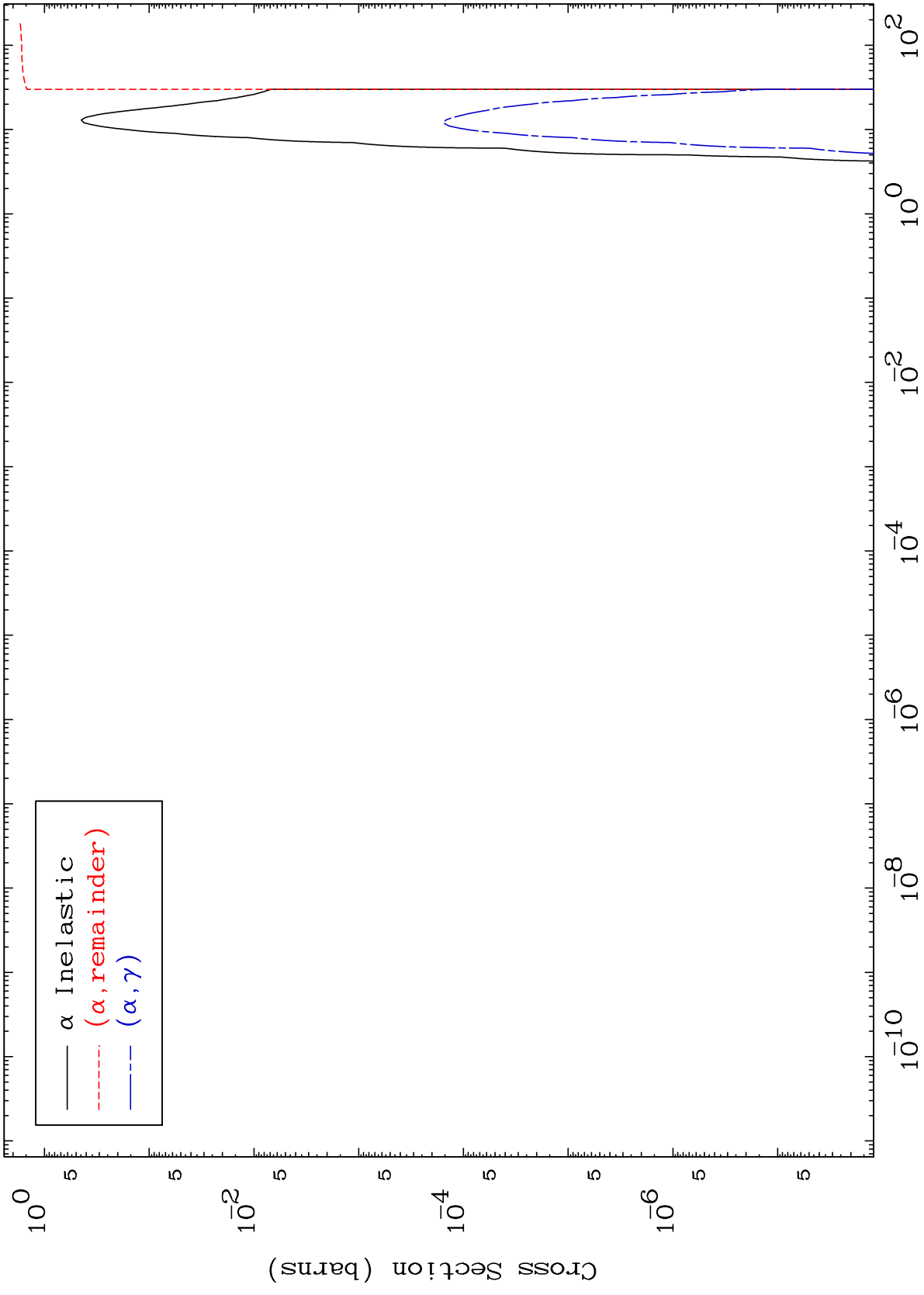
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3043

0 Kelvin α Major
Cross Sections

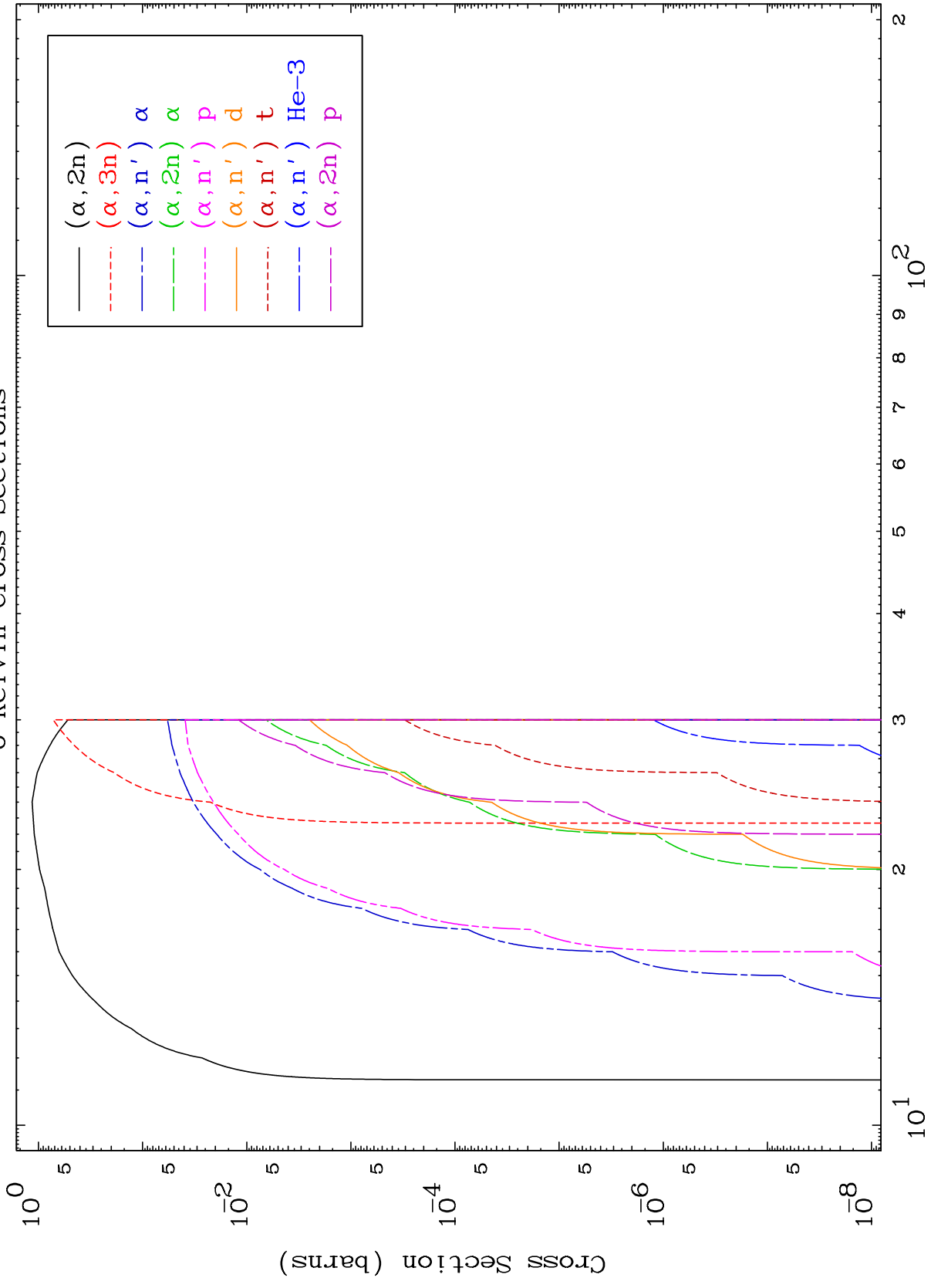
30-Zn-70



MAT 3043

α Neutron Production
0 Kelvin Cross Sections

30-Zn-70



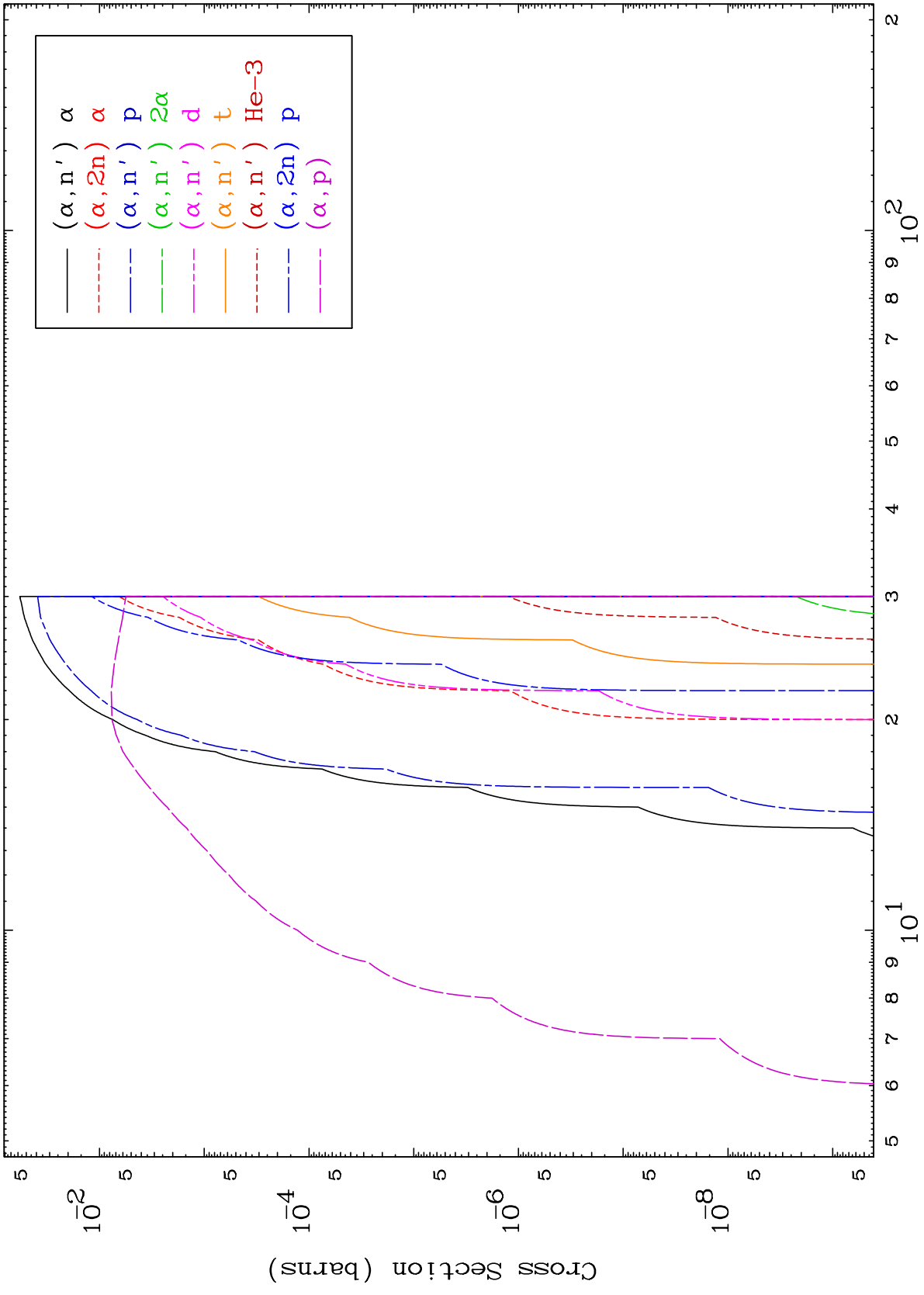
Incident Energy (MeV)

30-Zn-70

MAT 3043

α Charged Particle
0 Kelvin Cross Sections

30-Zn-70



3

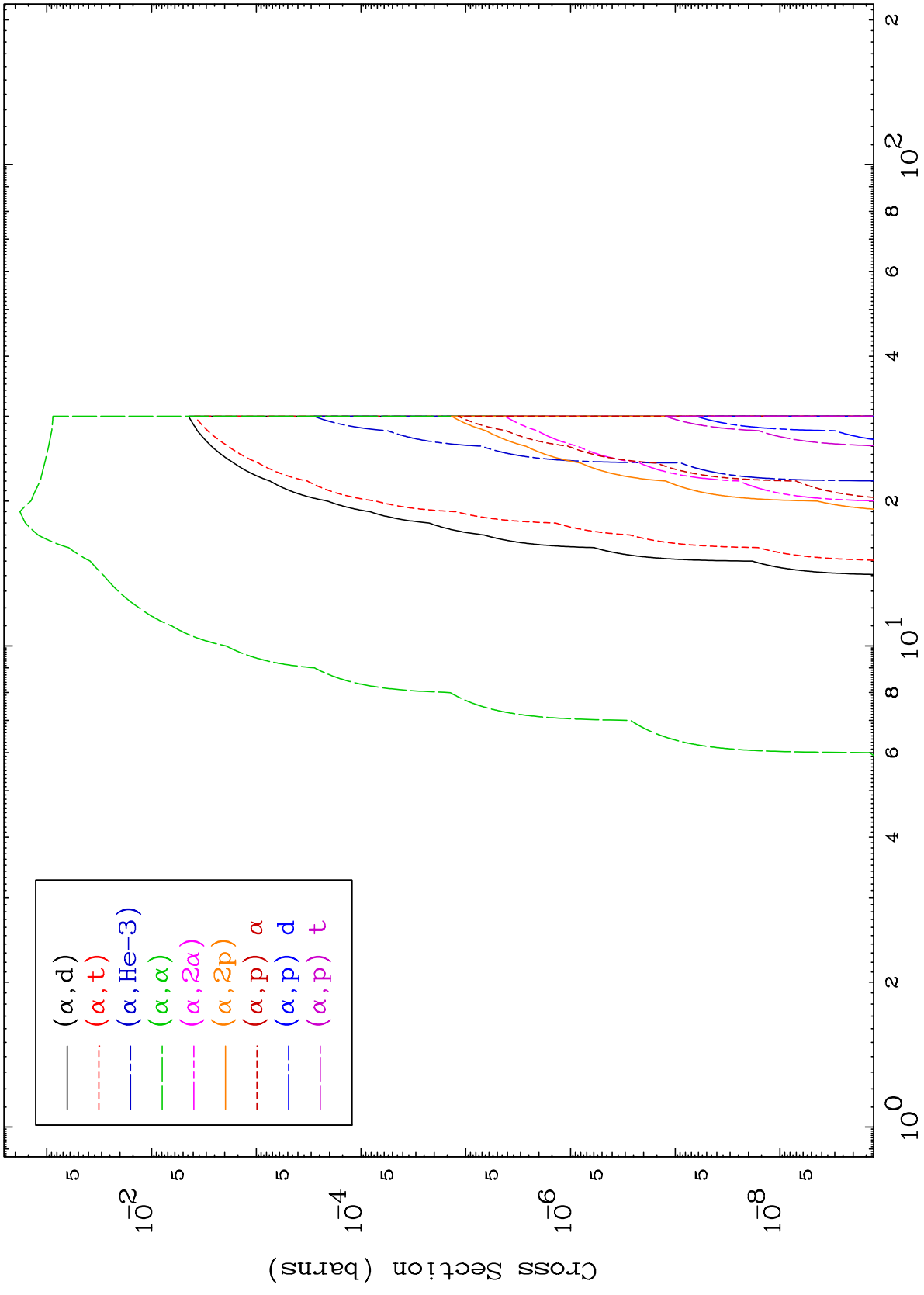
Incident Energy (MeV)

30-Zn-70

MAT 3043

α Charged Particle
0 Kelvin Cross Sections

30-Zn-70



4

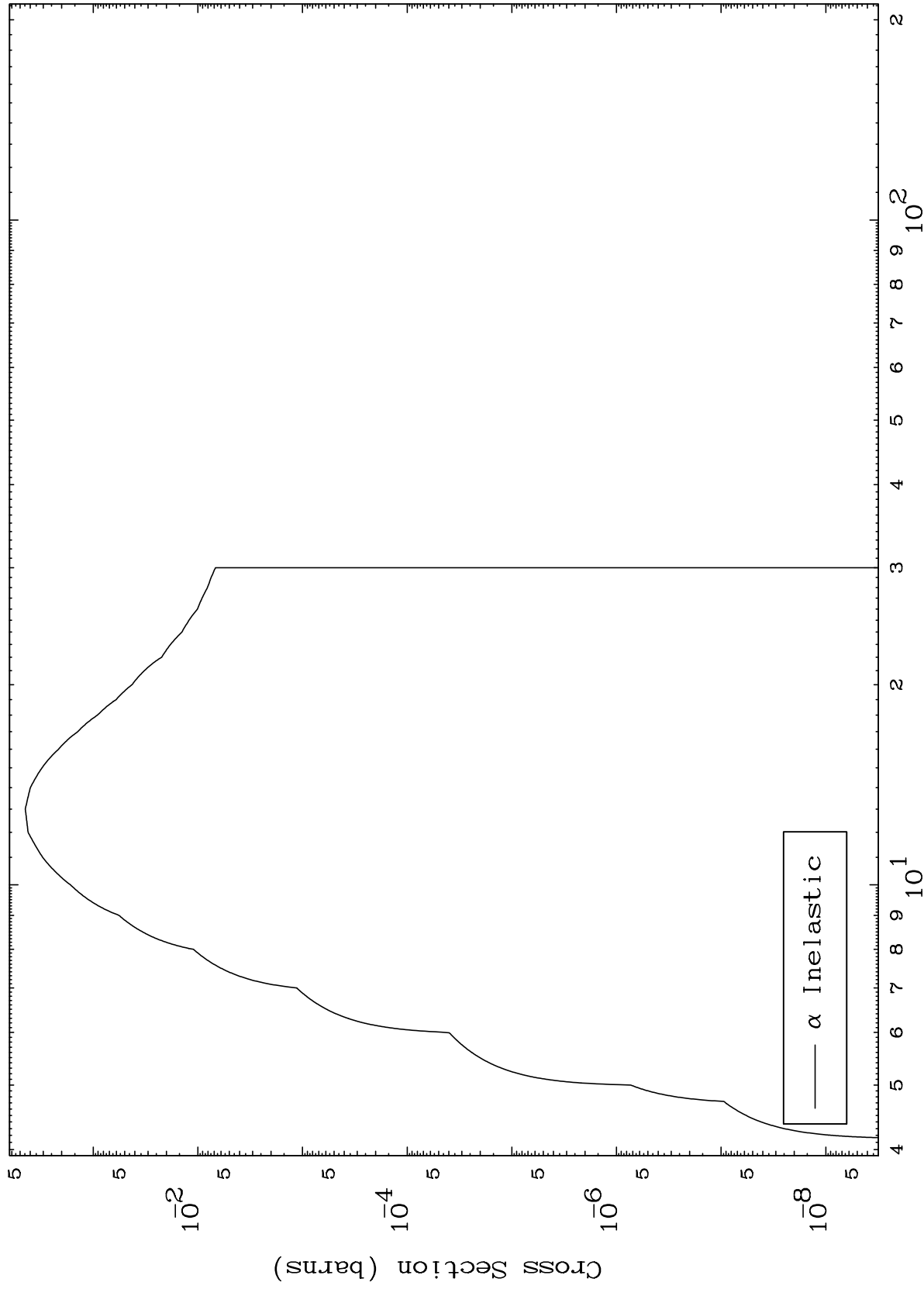
Incident Energy (MeV)

30-Zn-70

MAT 3043

(α, n') Level
0 Kelvin Cross Sections

30-Zn-70



5

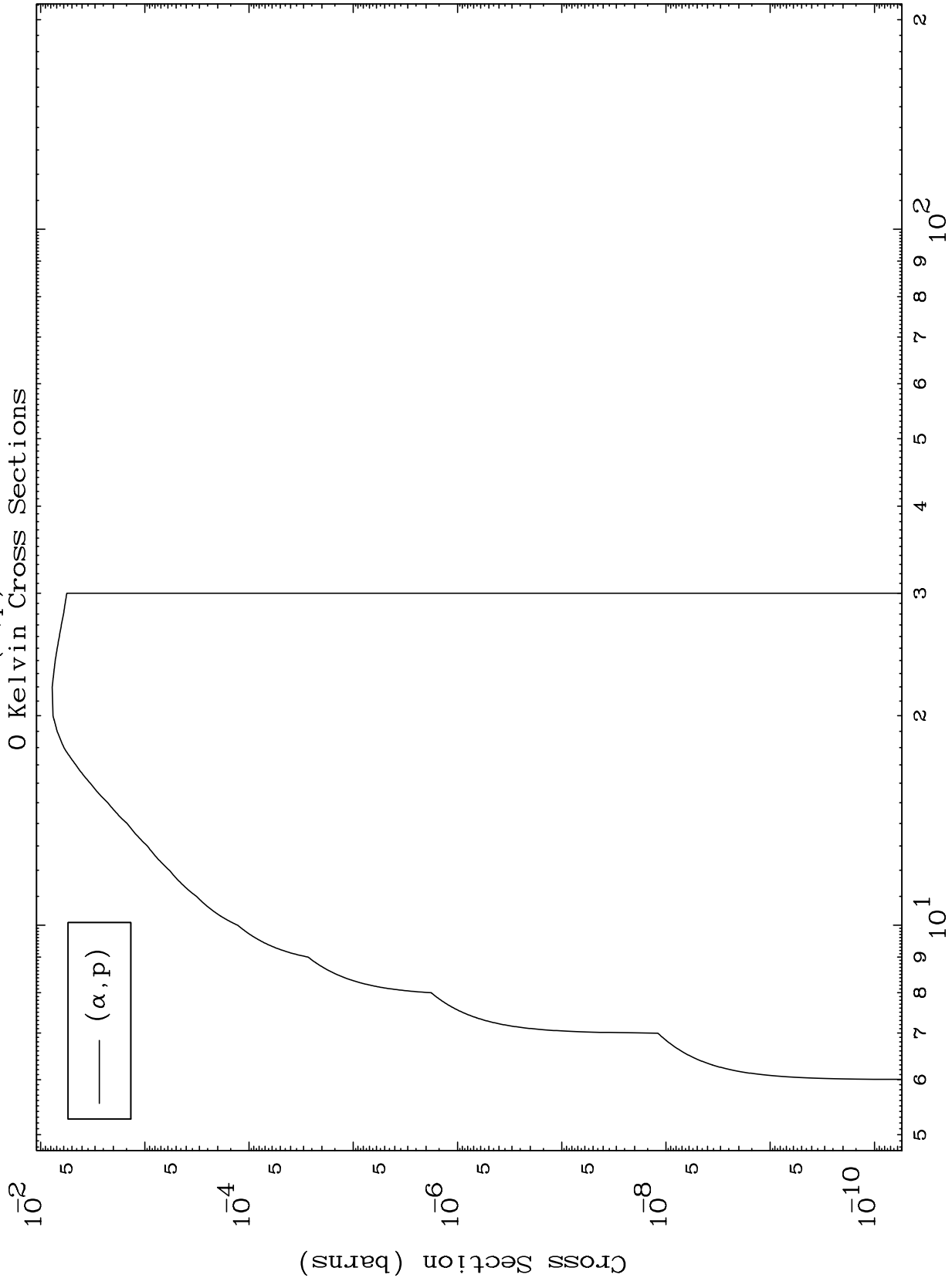
Incident Energy (MeV)

30-Zn-70

MAT 3043

(α, p) Levels
0 Kelvin Cross Sections

30-Zn-70



6

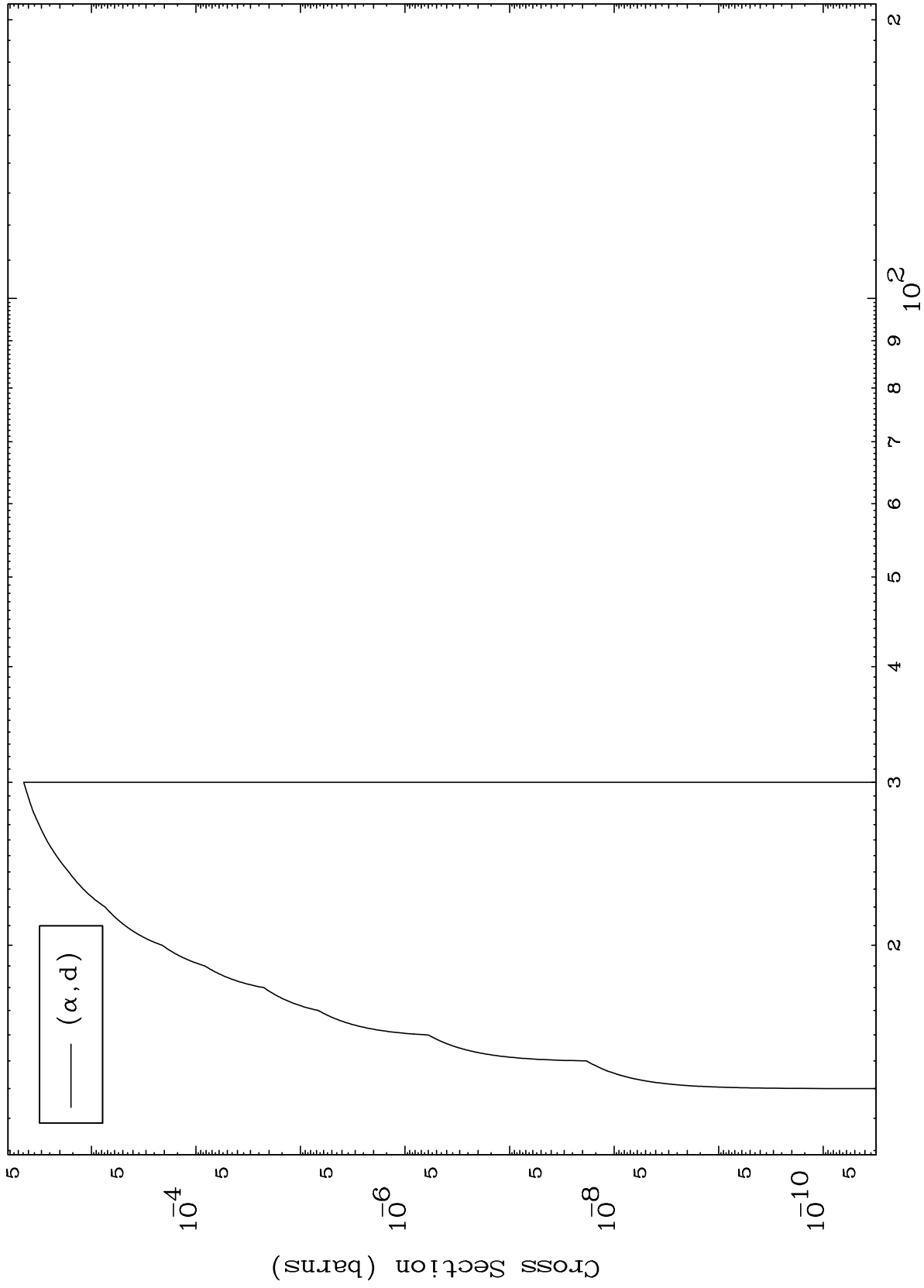
Incident Energy (MeV)

30-Zn-70

MAT 3043

(α, d) Levels
0 Kelvin Cross Sections

30-Zn-70



7

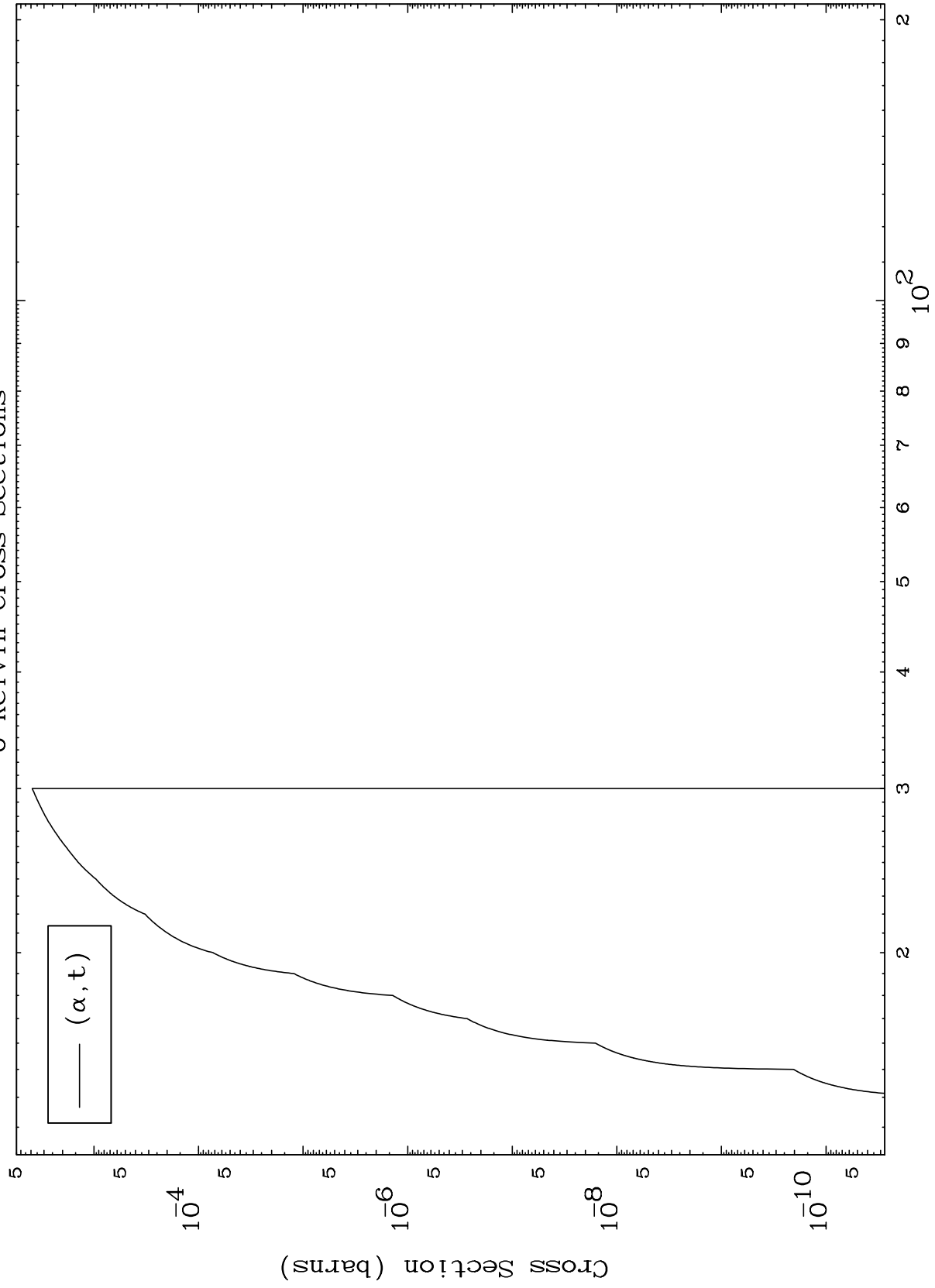
Incident Energy (MeV)

30-Zn-70

MAT 3043

(α, t) Levels
0 Kelvin Cross Sections

30-Zn-70



8

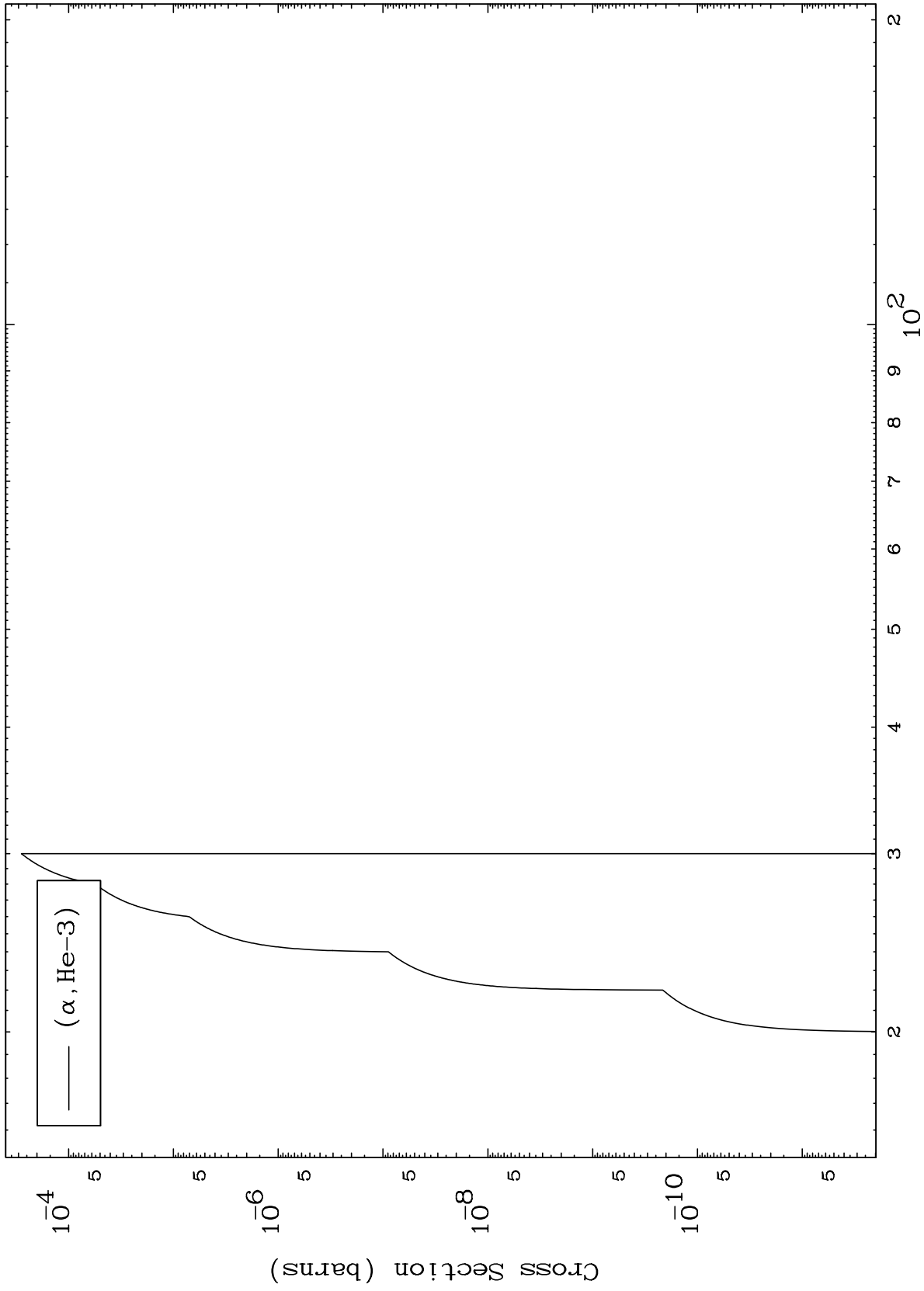
Incident Energy (MeV)

30-Zn-70

MAT 3043

(α ,He3) Levels
0 Kelvin Cross Sections

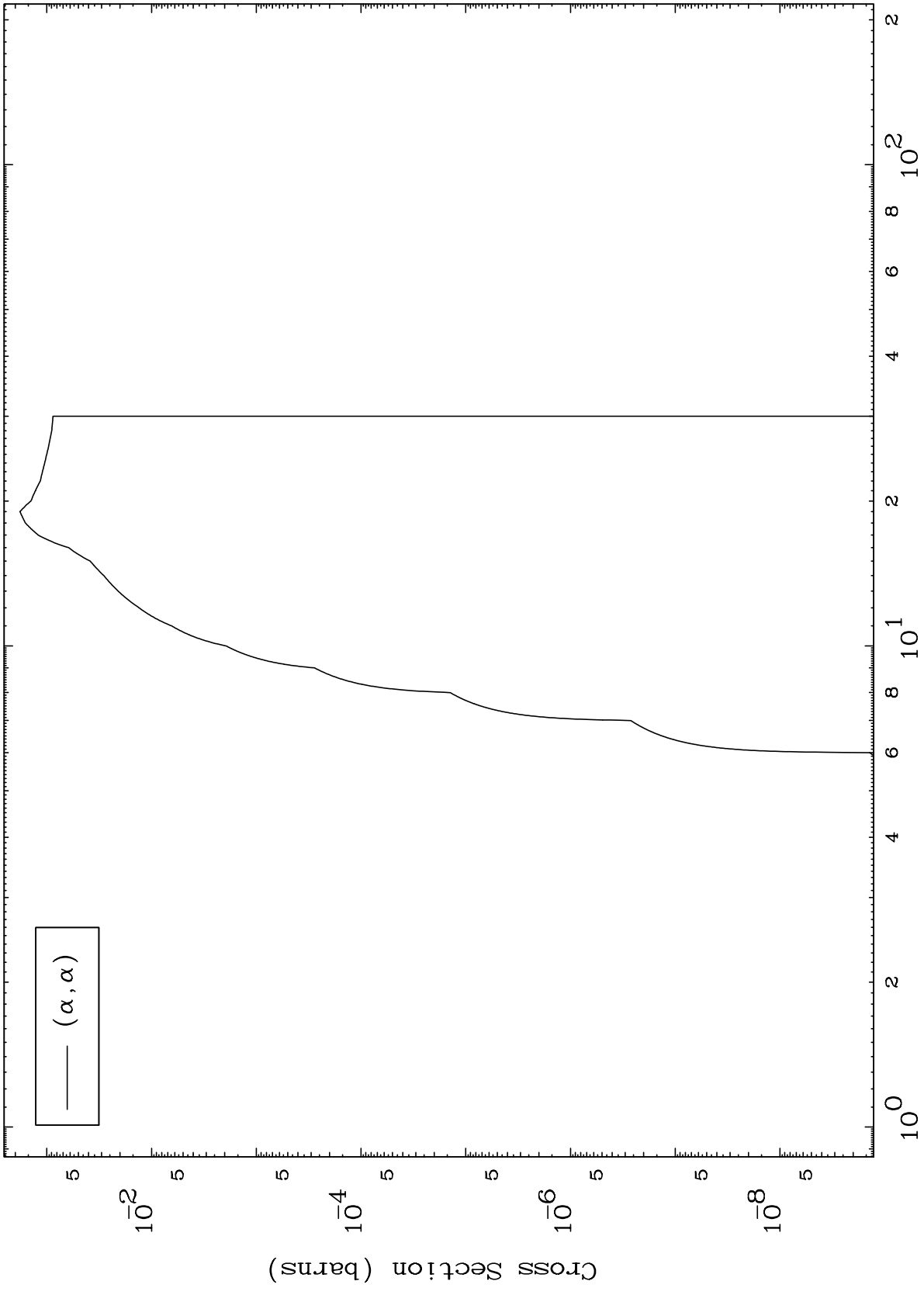
30-Zn-70



MAT 3043

(α, α) Levels
0 Kelvin Cross Sections

30-Zn-70



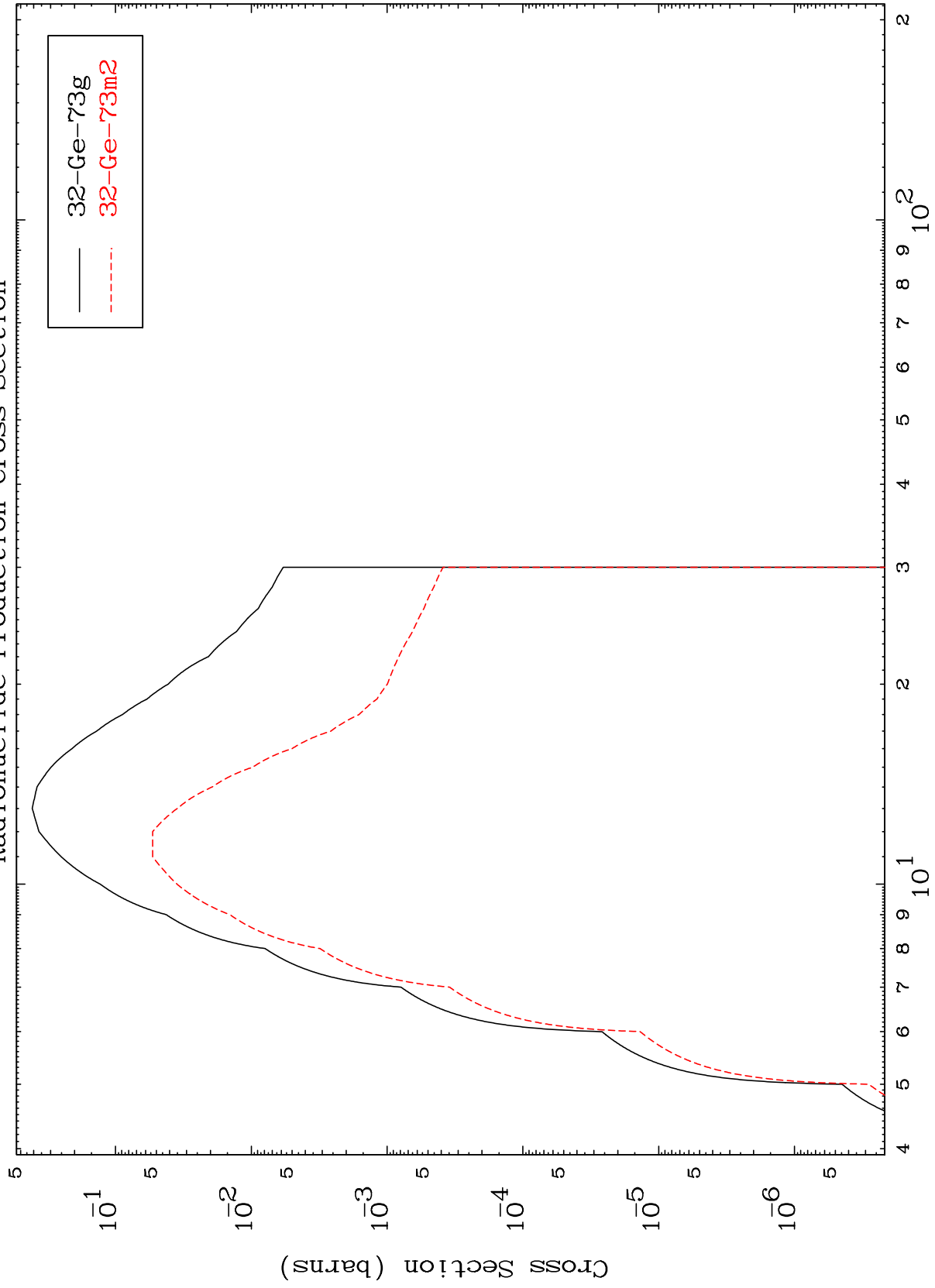
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

α Inelastic
Radionuclide Production Cross Section



11

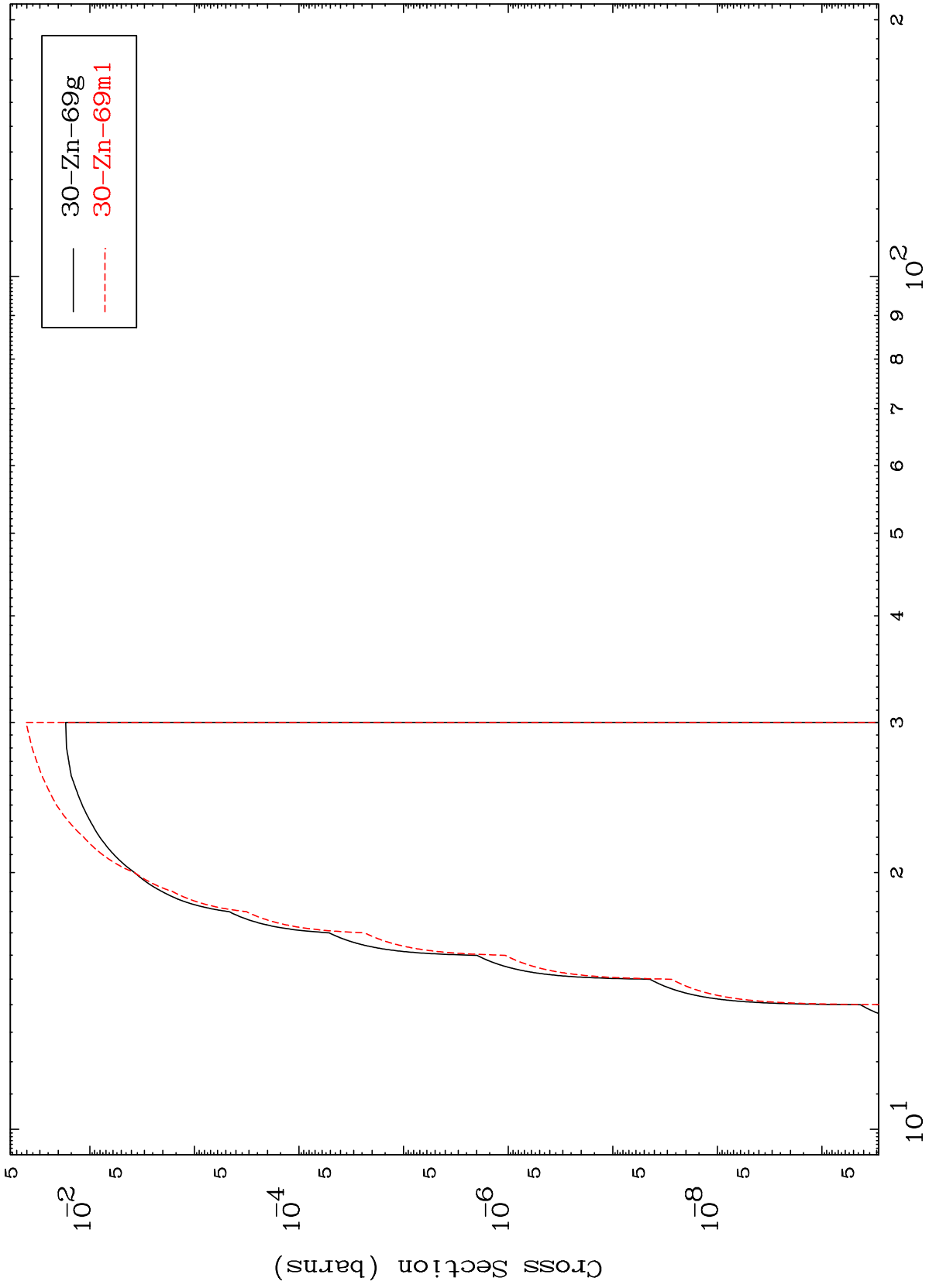
30-Zn-70

MAT 3043

(α, n') α

30-Zn-70

Radionuclide Production Cross Section



12

Incident Energy (MeV)

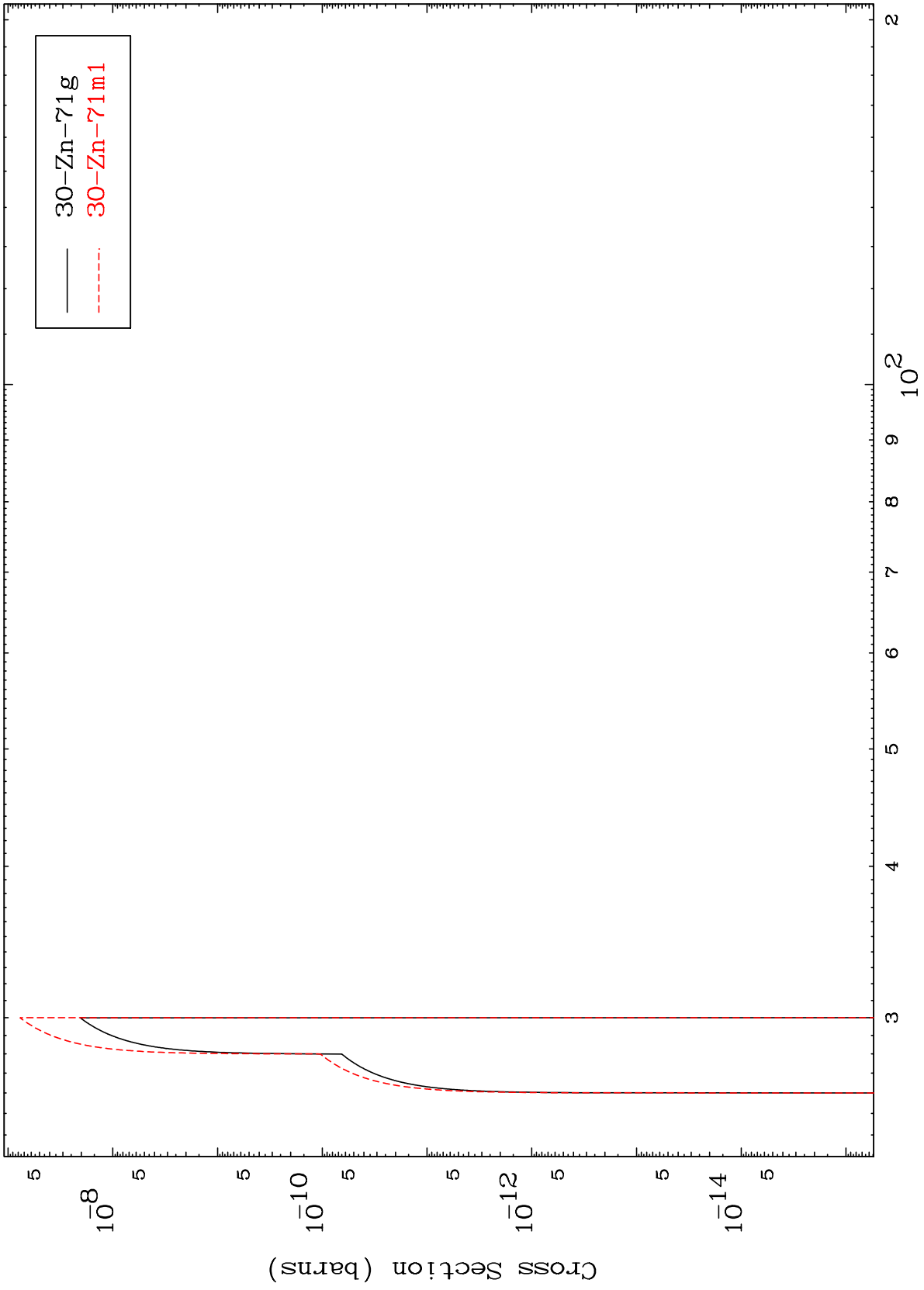
30-Zn-70

MAT 3043

($\alpha, 2n$) p

$^{30}\text{Zn}-70$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

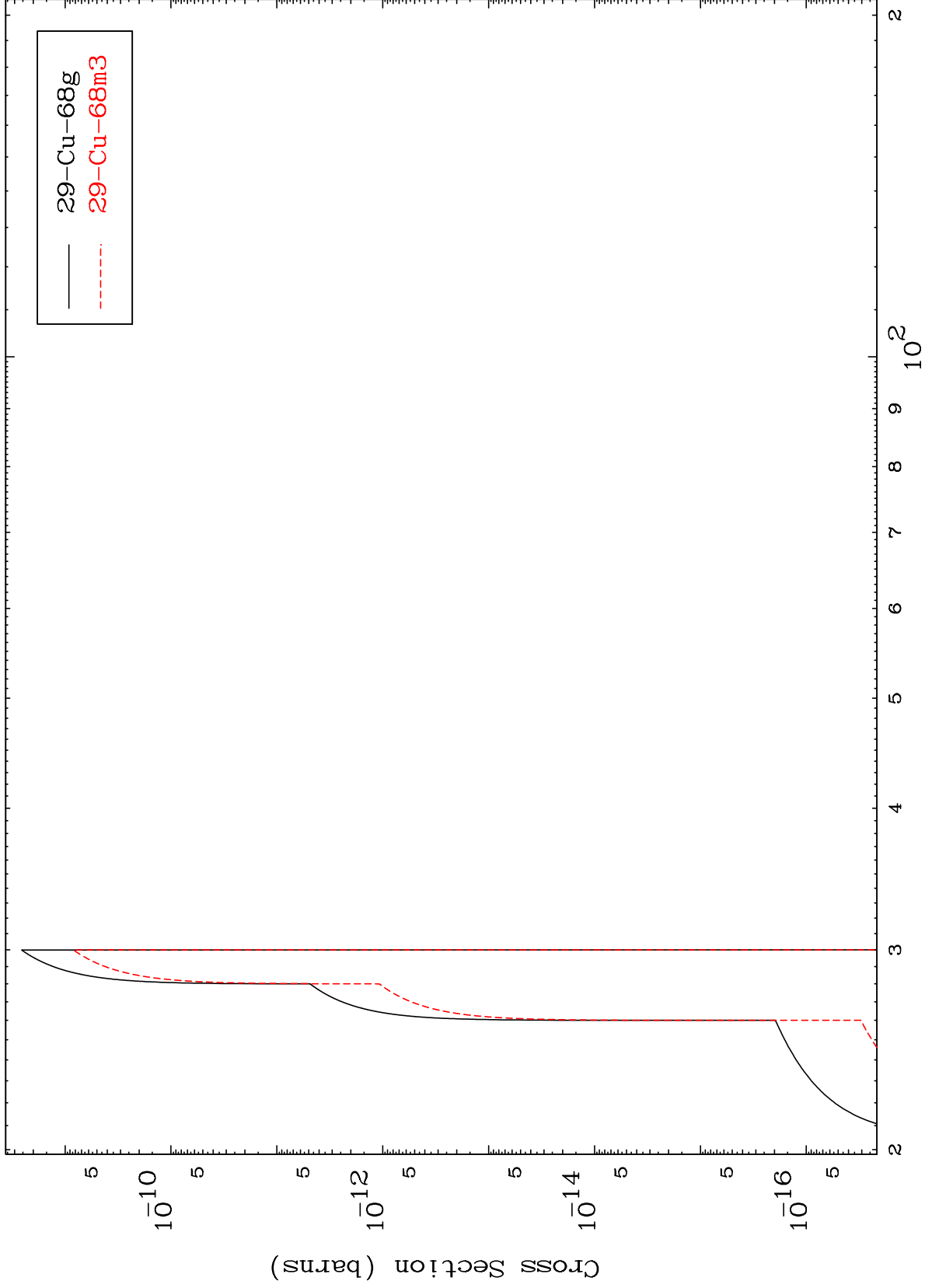
$^{30}\text{Zn}-70$

MAT 3043

(α, n') p α

30-Zn-70

Radionuclide Production Cross Section



14

Incident Energy (MeV)

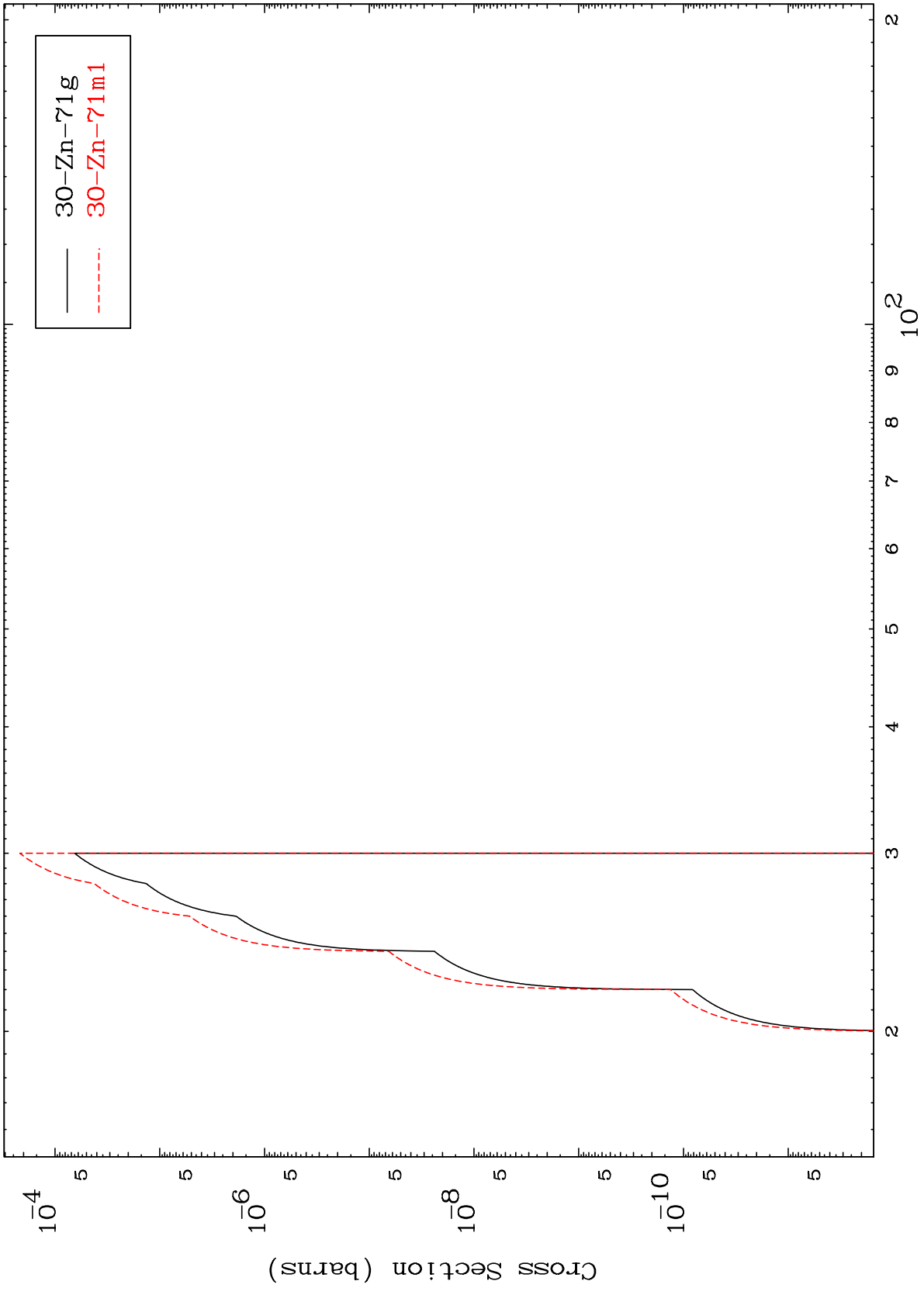
30-Zn-70

MAT 3043

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

$^{30}\text{Zn-70}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

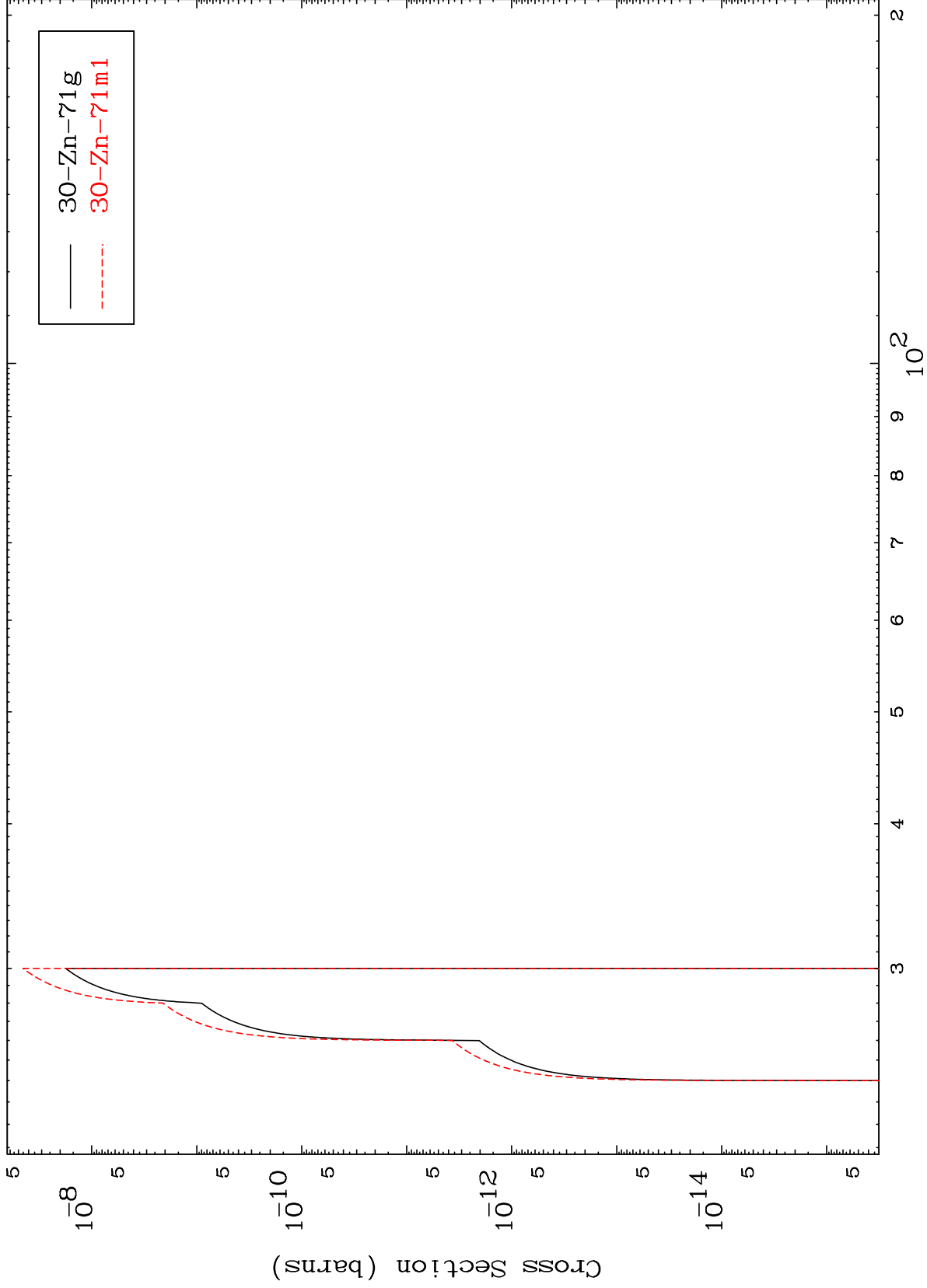
$^{30}\text{Zn-70}$

MAT 3043

(α, p) d

³⁰Zn-70

Radionuclide Production Cross Section



16

Incident Energy (MeV)

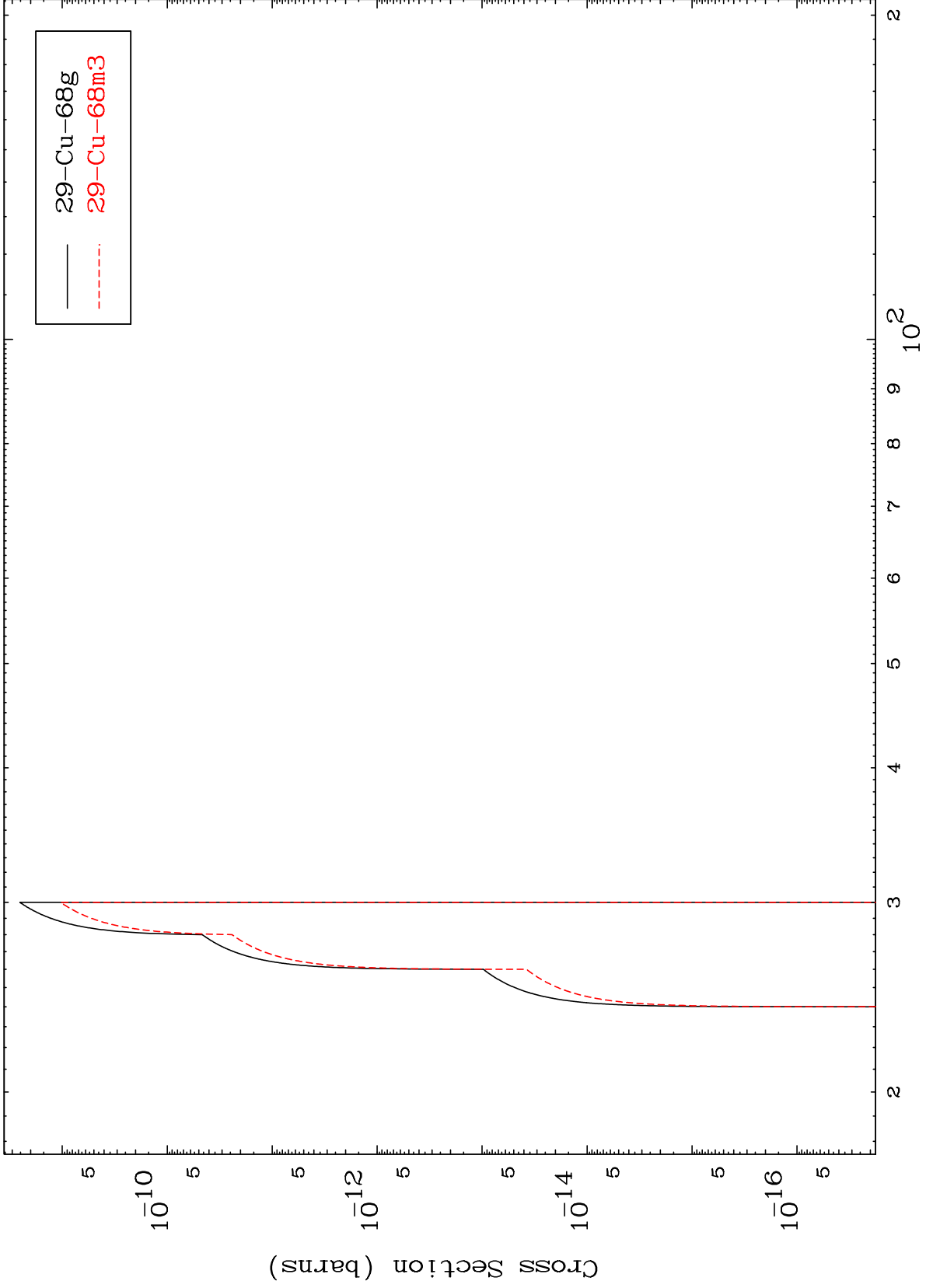
³⁰Zn-70

MAT 3043

(α, d) α

$^{30}\text{Zn}-70$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

$^{30}\text{Zn}-70$