

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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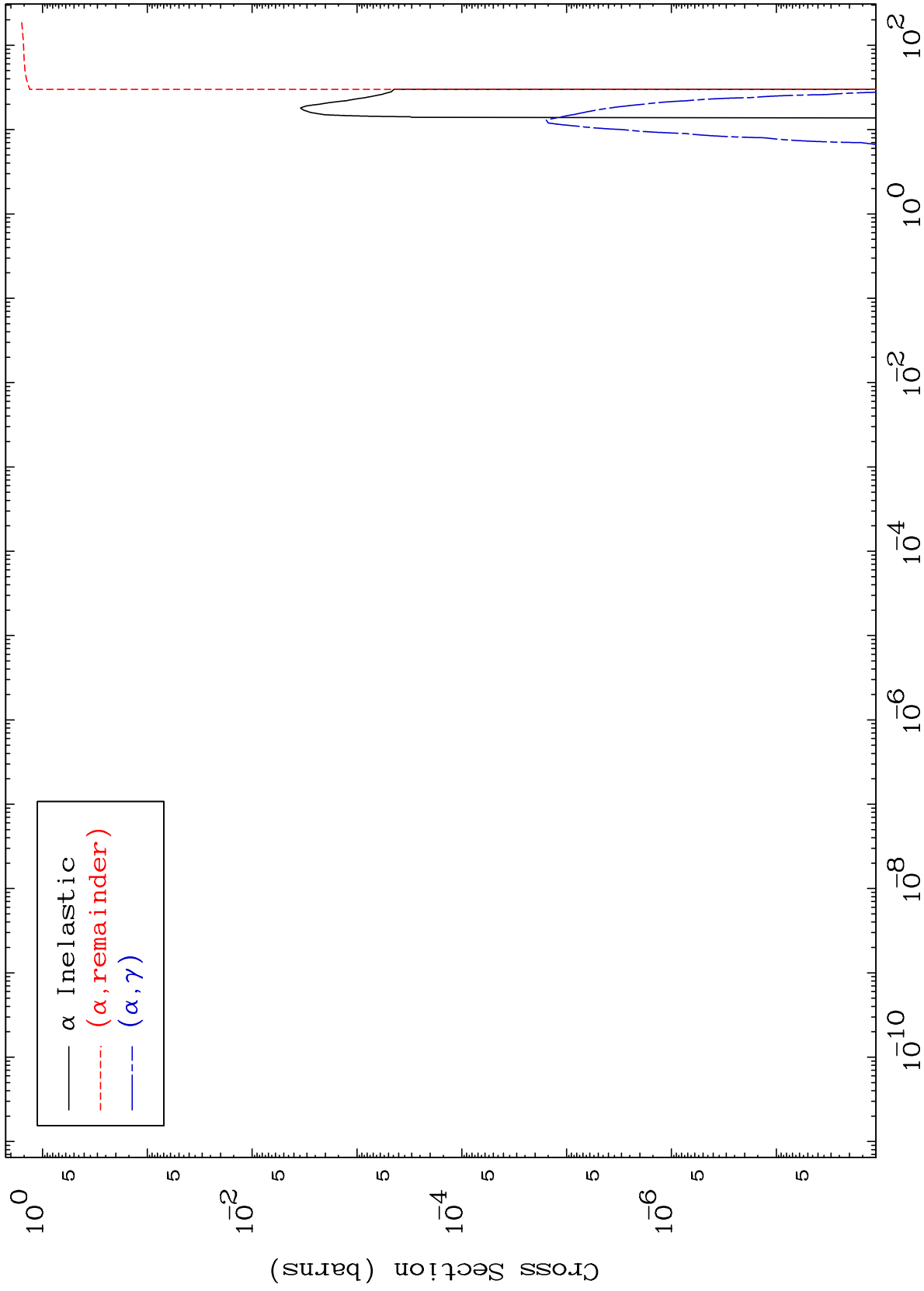
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3013

0 Kelvin α Major
Cross Sections

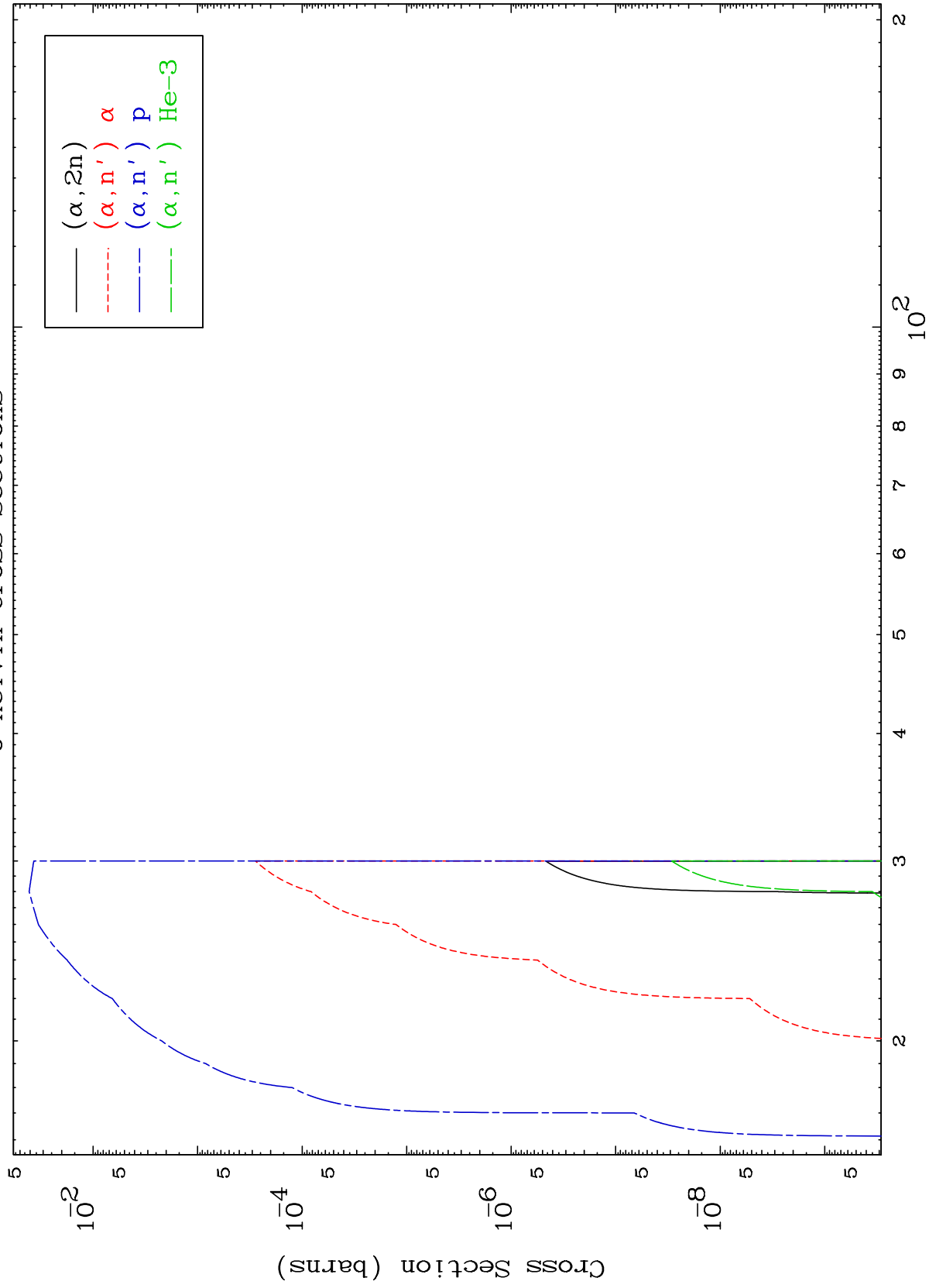
30-Zn-60



MAT 3013

α Neutron Production
0 Kelvin Cross Sections

30-Zn-60



2

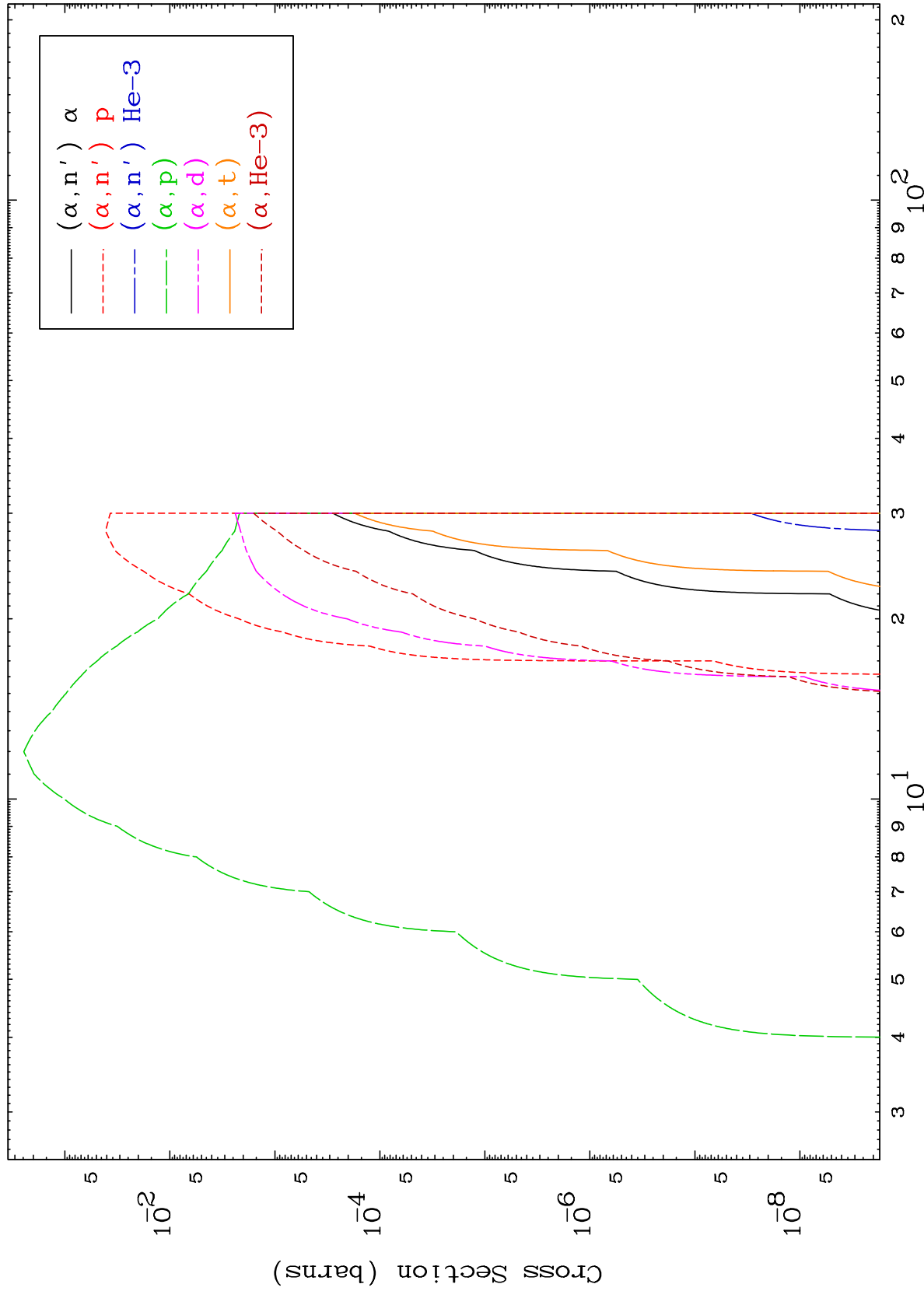
Incident Energy (MeV)

30-Zn-60

MAT 3013

α Charged Particle
0 Kelvin Cross Sections

30-Zn-60



3

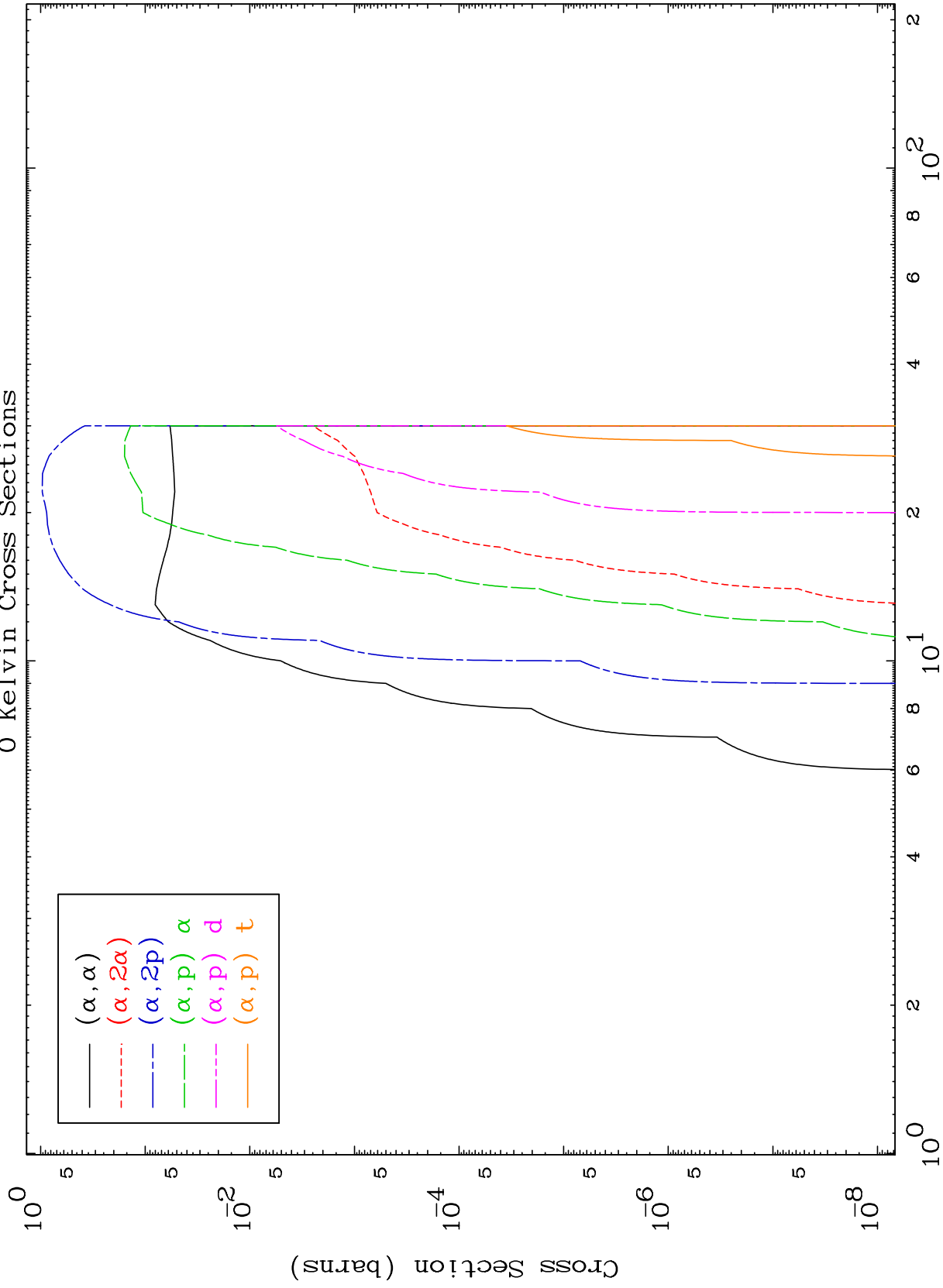
Incident Energy (MeV)

30-Zn-60

MAT 3013

α Charged Particle
0 Kelvin Cross Sections

30-Zn-60

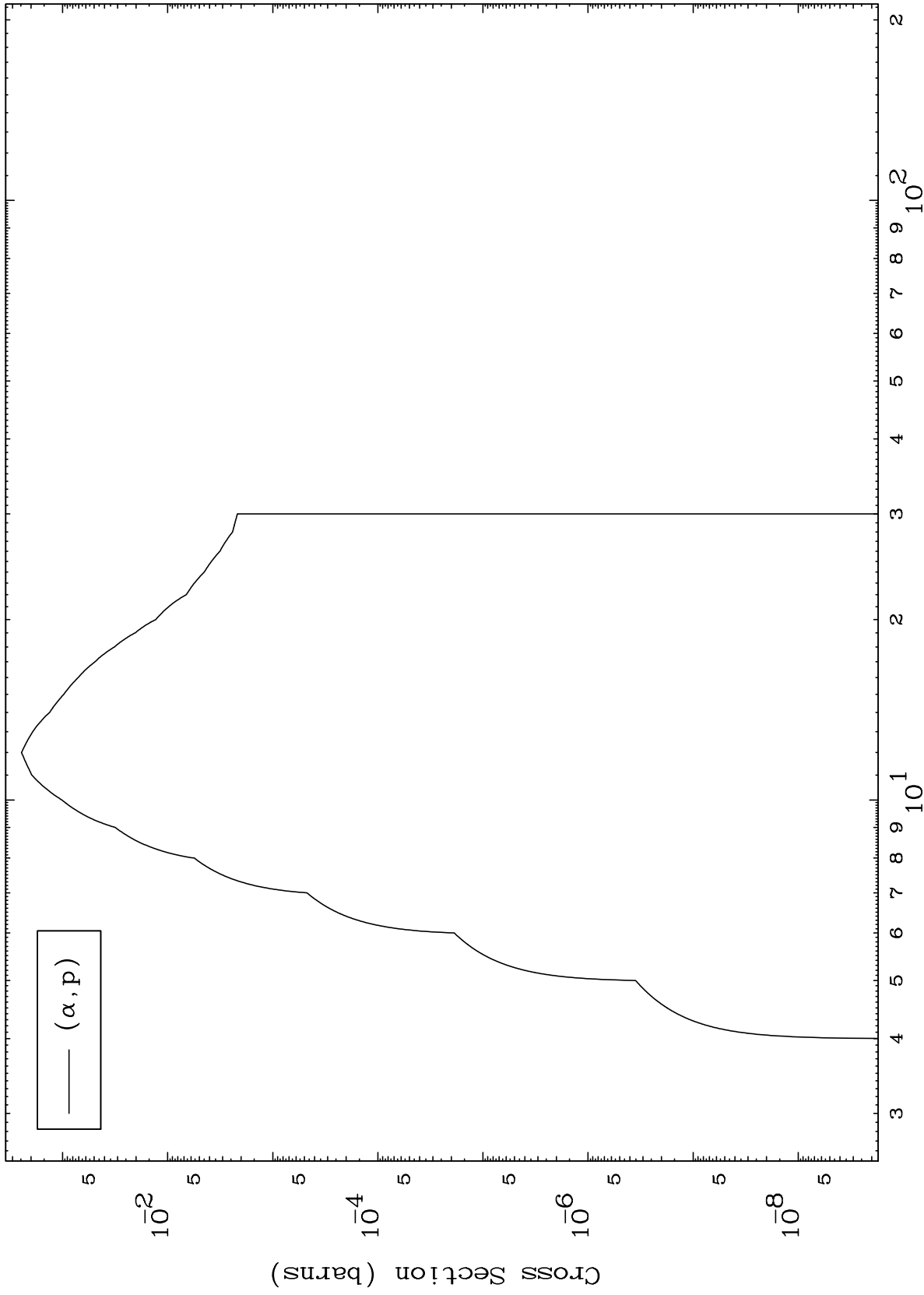


4

MAT 3013

(α, p) Levels
0 Kelvin Cross Sections

30-Zn-60



6

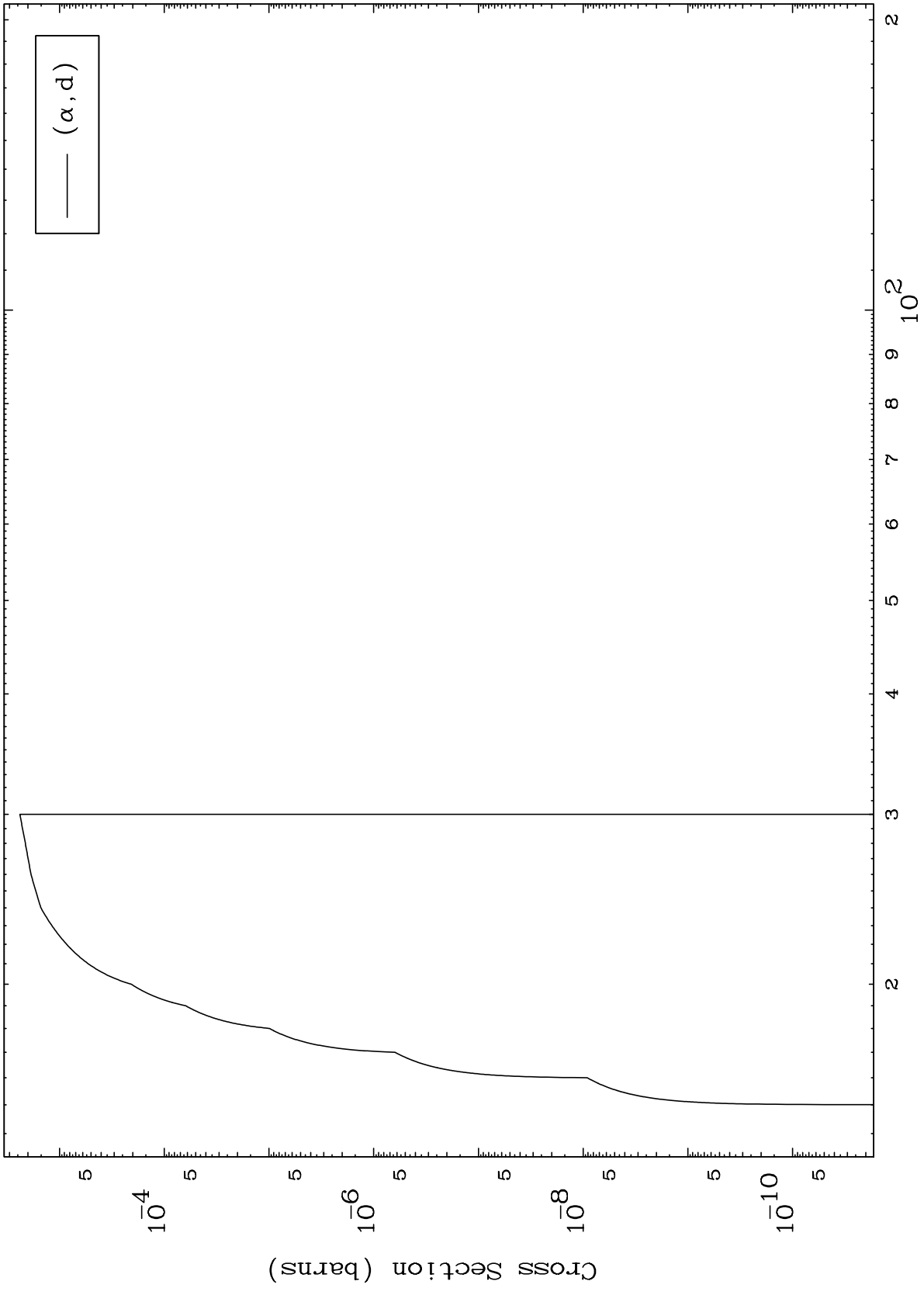
Incident Energy (MeV)

30-Zn-60

MAT 3013

(α, d) Levels
0 Kelvin Cross Sections

30-Zn-60



7

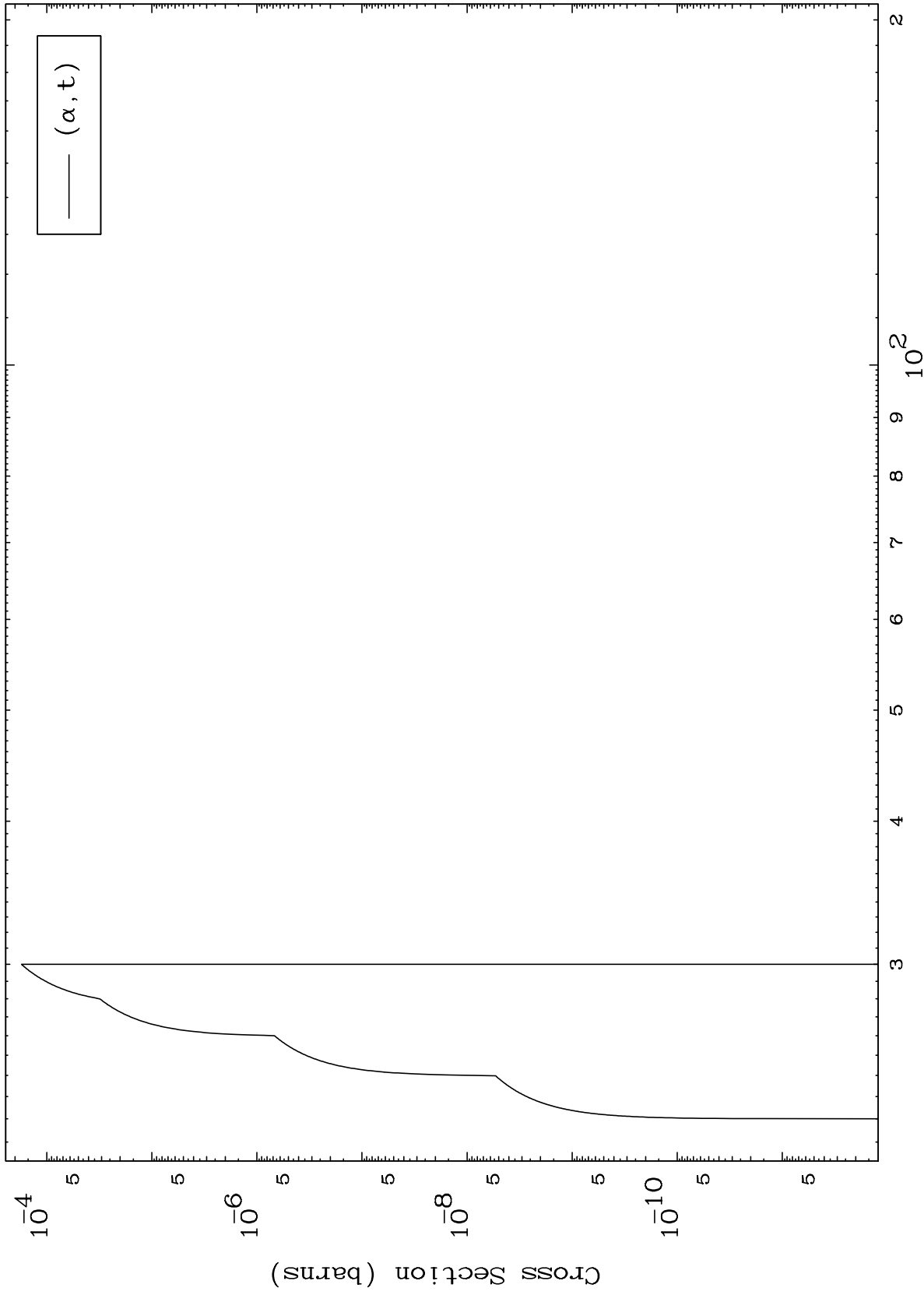
Incident Energy (MeV)

30-Zn-60

MAT 3013

(α, t) Levels
0 Kelvin Cross Sections

30-Zn-60



8

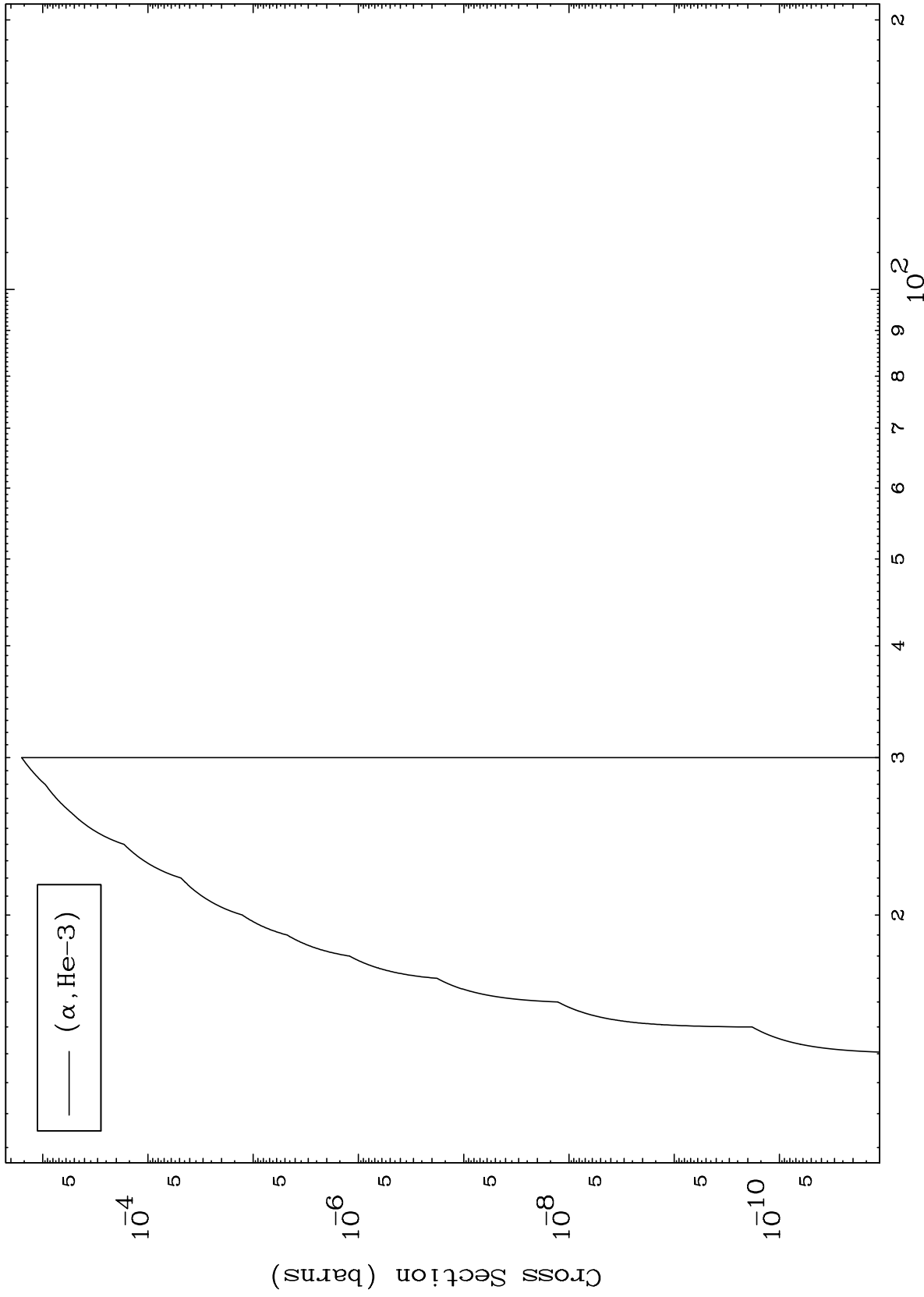
Incident Energy (MeV)

30-Zn-60

MAT 3013

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

30-Zn-60



9

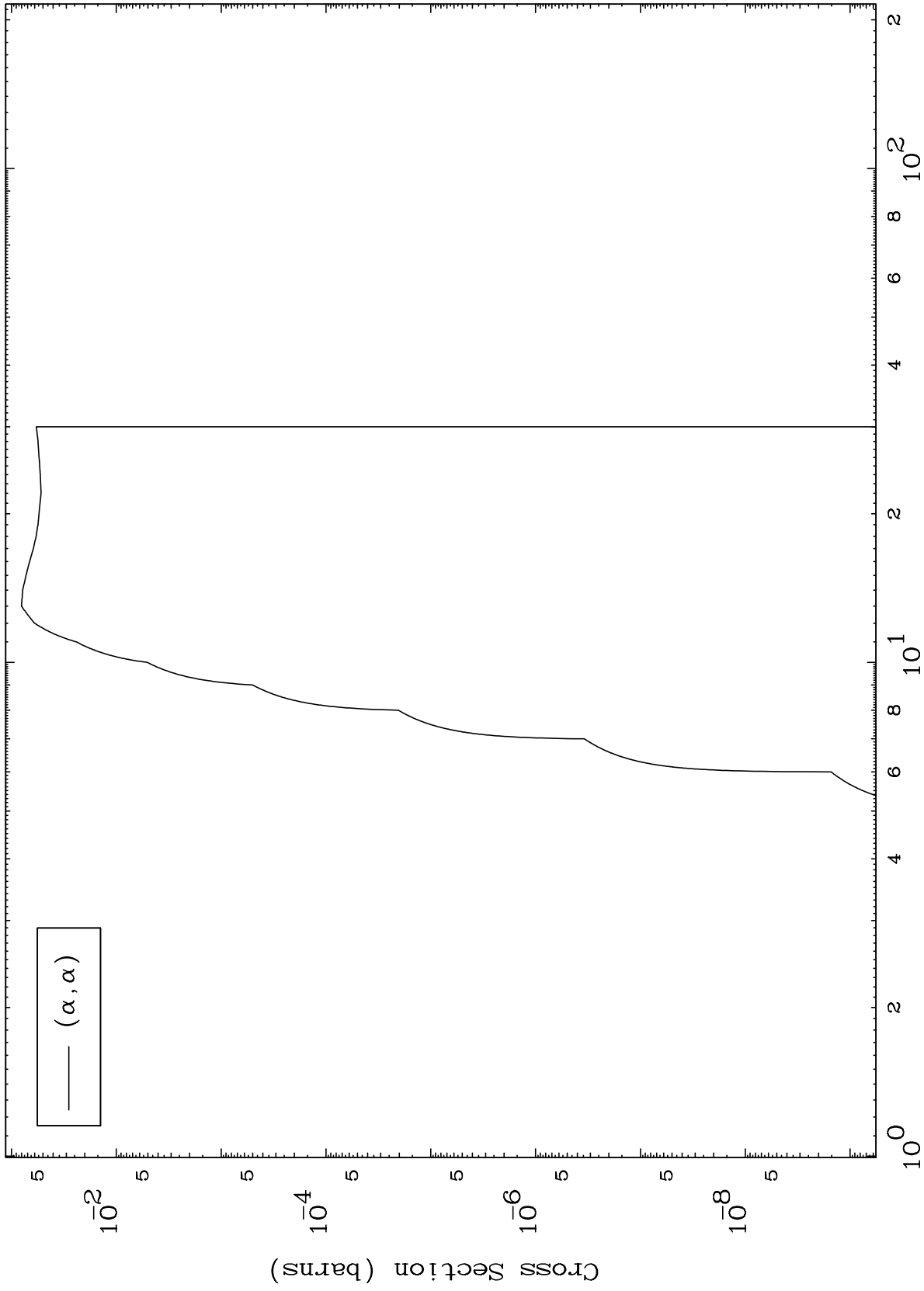
Incident Energy (MeV)

30-Zn-60

MAT 3013

(α, α) Levels
0 Kelvin Cross Sections

30-Zn-60



Incident Energy (MeV)

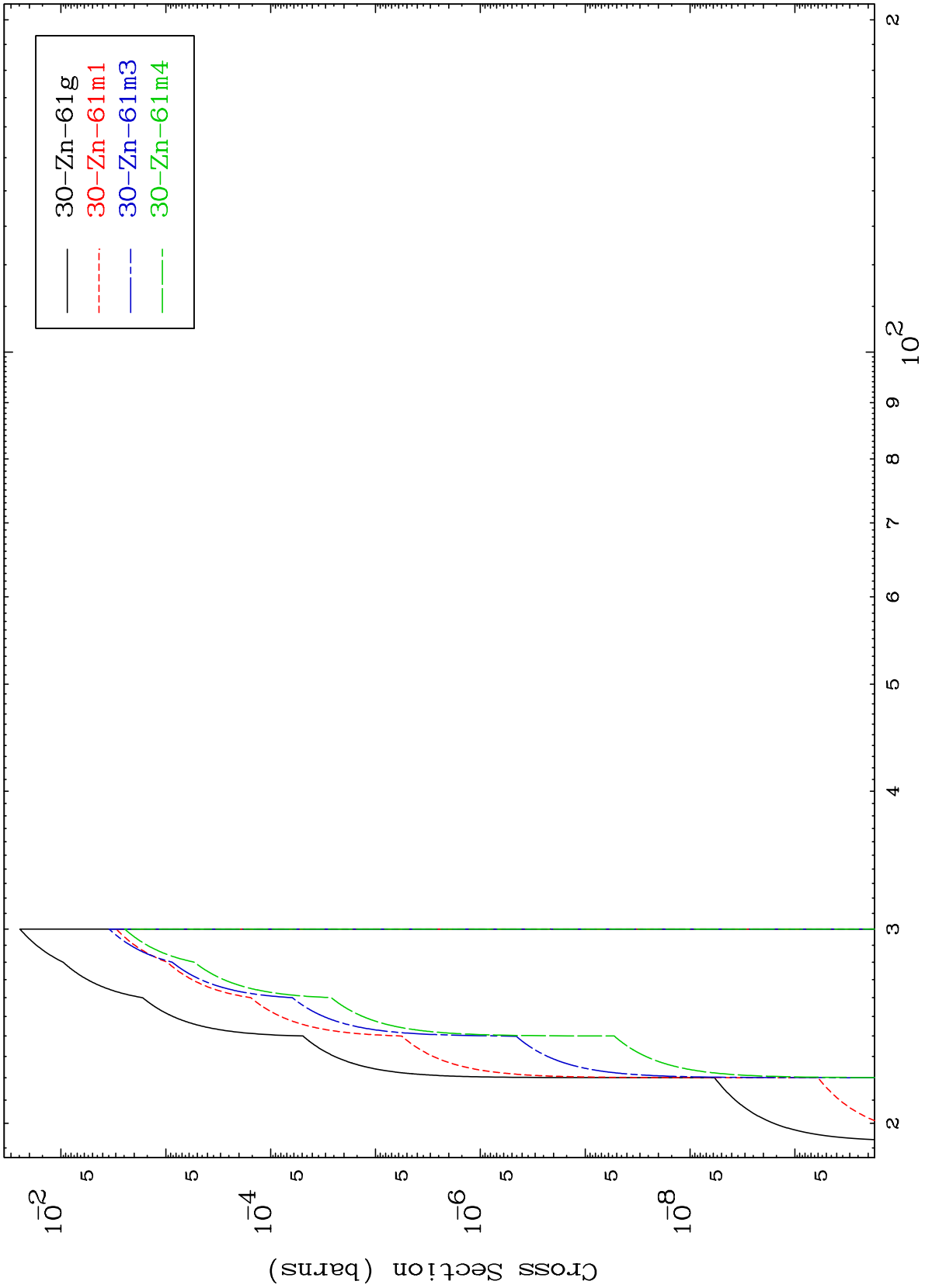
30-Zn-60

MAT 3013

$(\alpha, 2n) p$

$^{30}\text{Zn}-^{60}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

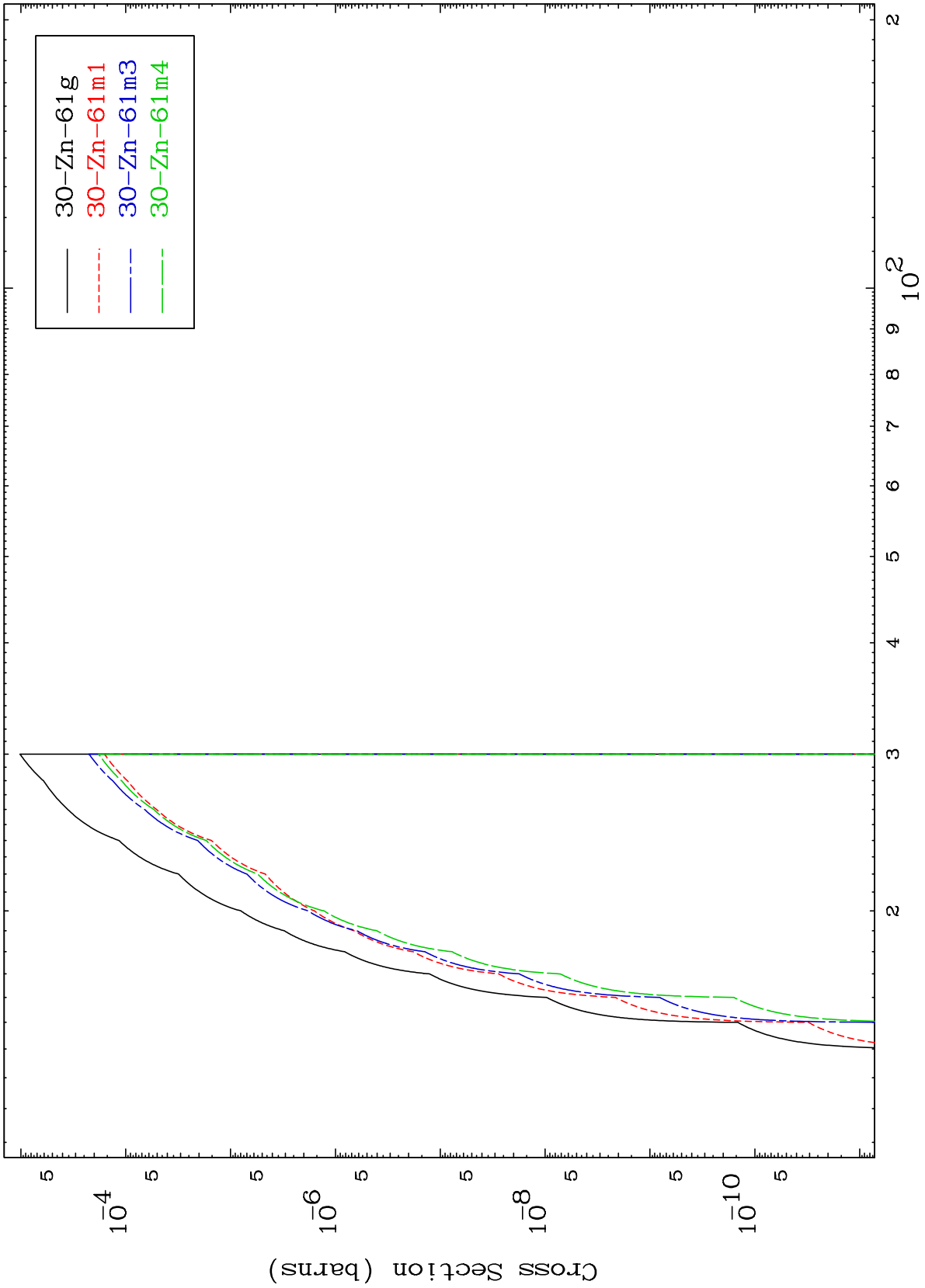
$^{30}\text{Zn}-^{60}$

MAT 3013

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

$^{30}\text{Zn-60}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

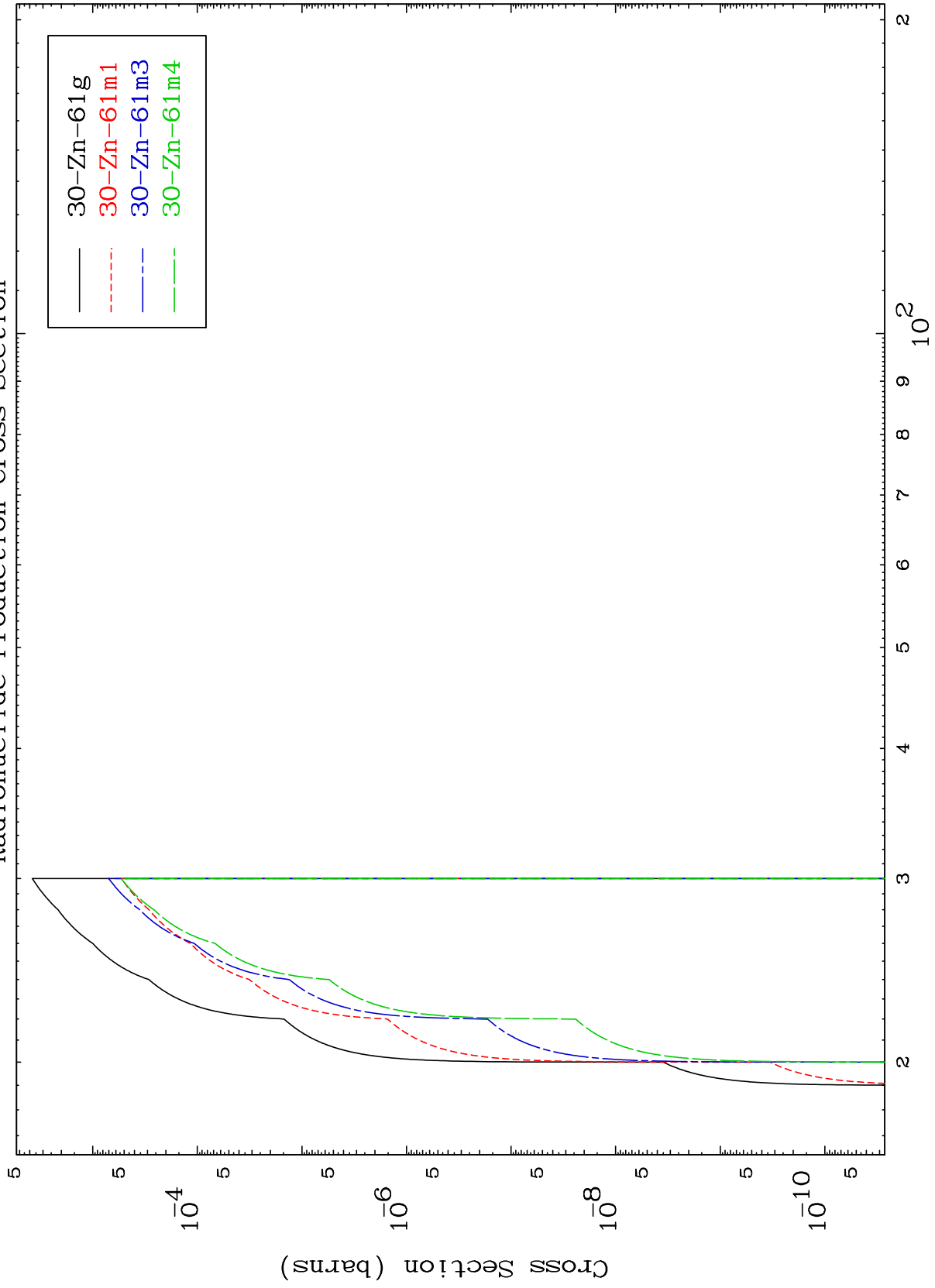
$^{30}\text{Zn-60}$

MAT 3013

(α, p) d

³⁰Zn-⁶⁰

Radionuclide Production Cross Section



13

Incident Energy (MeV)

³⁰Zn-⁶⁰