

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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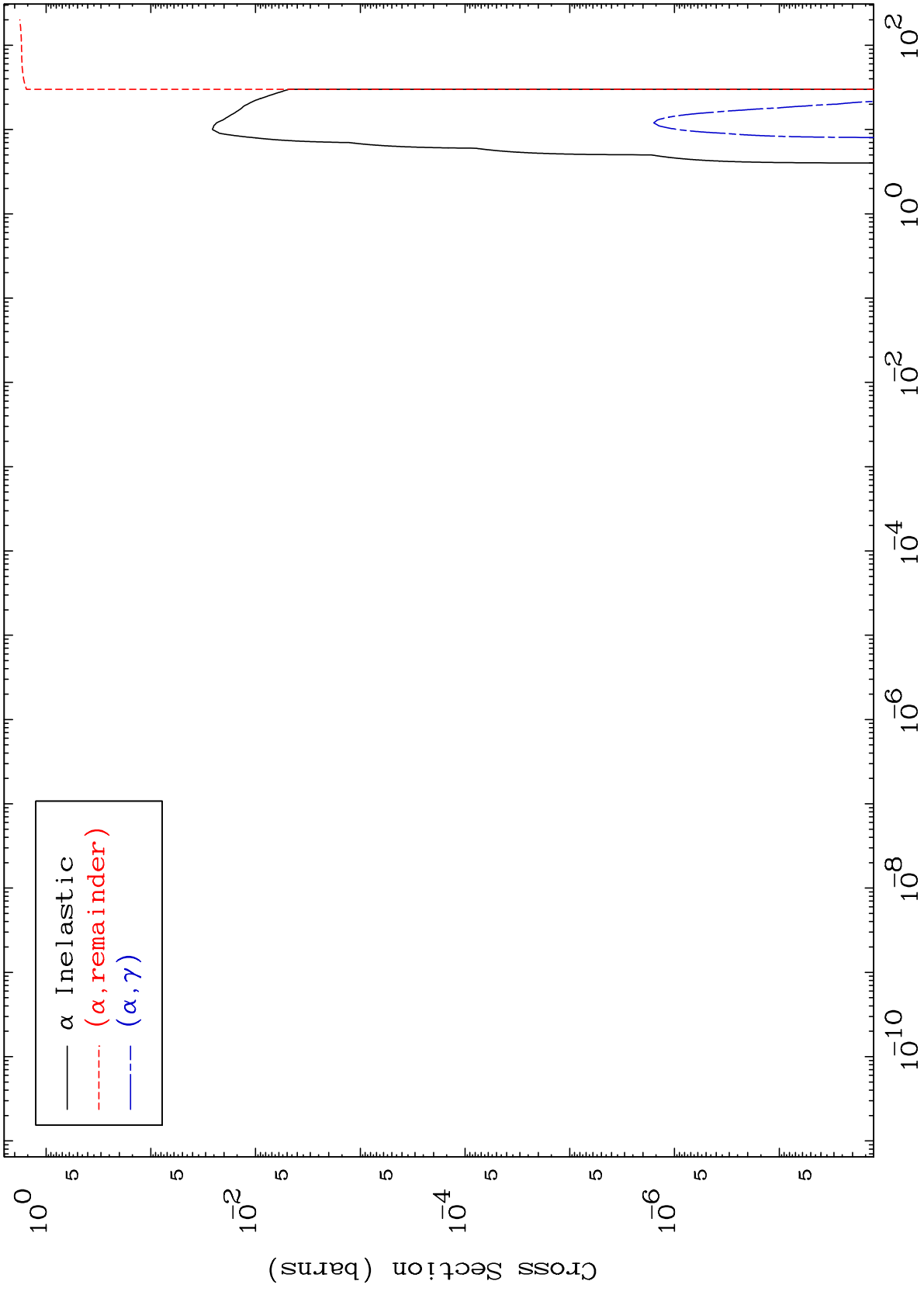
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3058

0 Kelvin α Major
Cross Sections

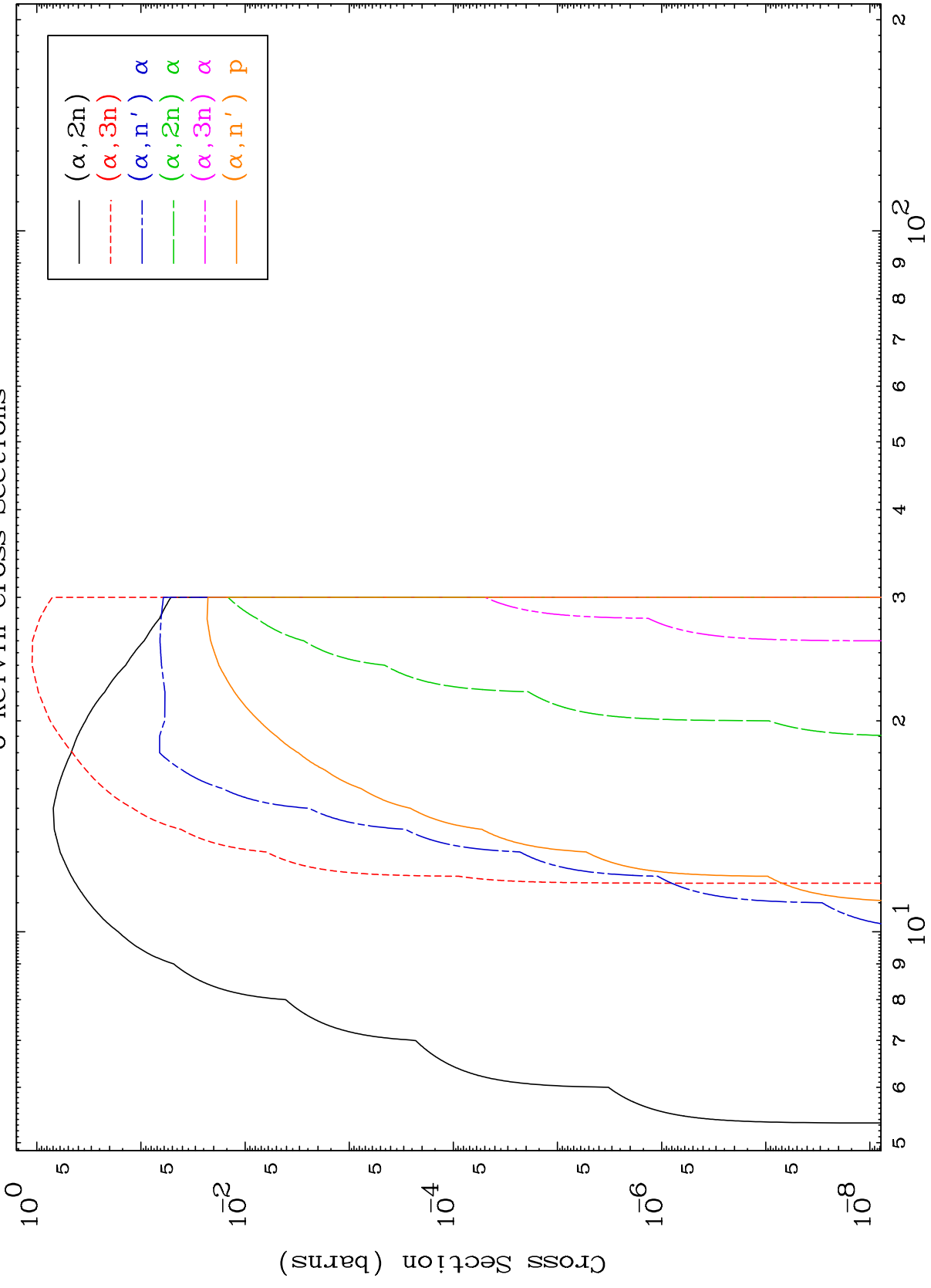
30-Zn-75



MAT 3058

α Neutron Production
0 Kelvin Cross Sections

30-Zn-75



2

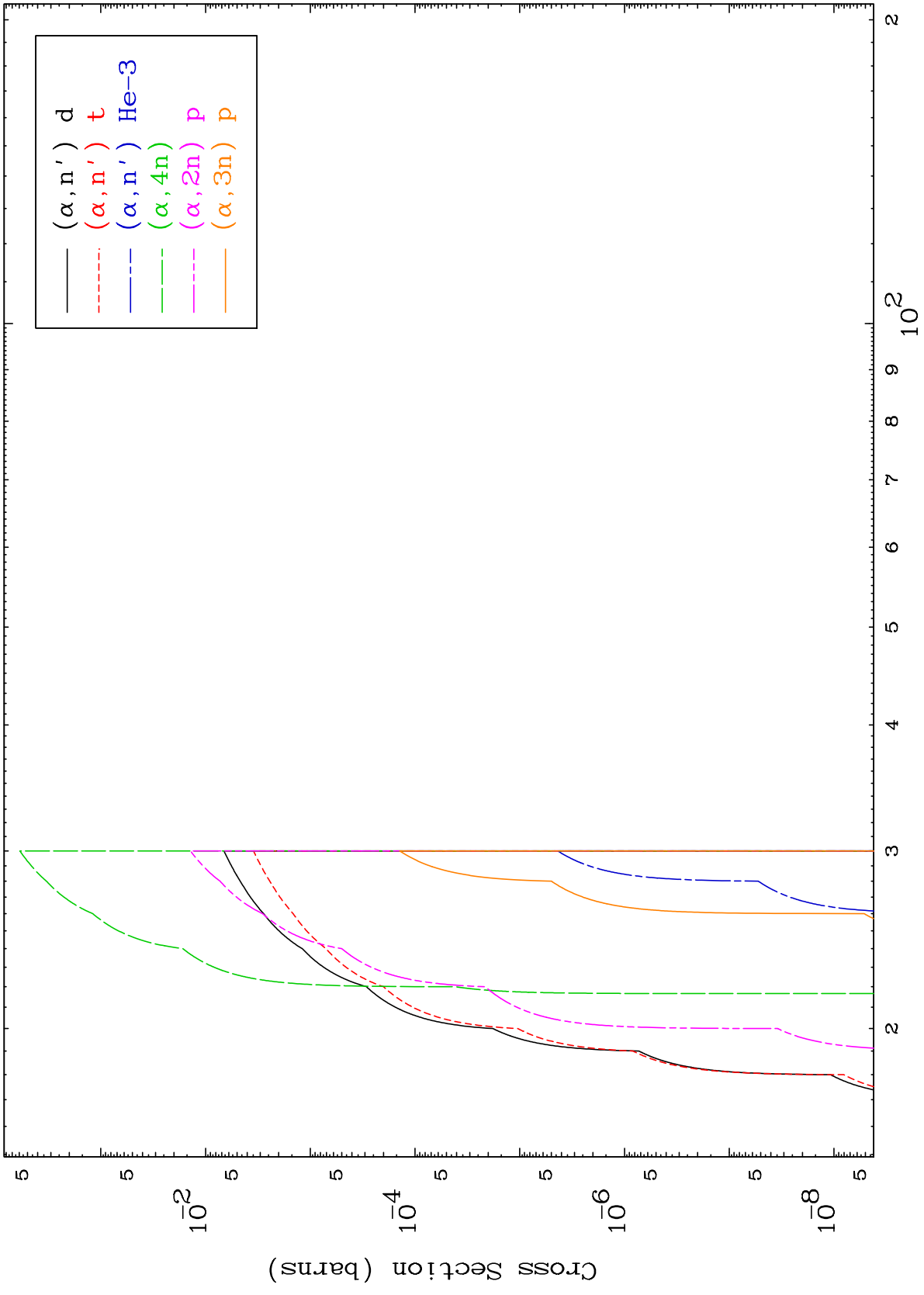
Incident Energy (MeV)

30-Zn-75

MAT 3058

α Neutron Production
0 Kelvin Cross Sections

30-Zn-75



3

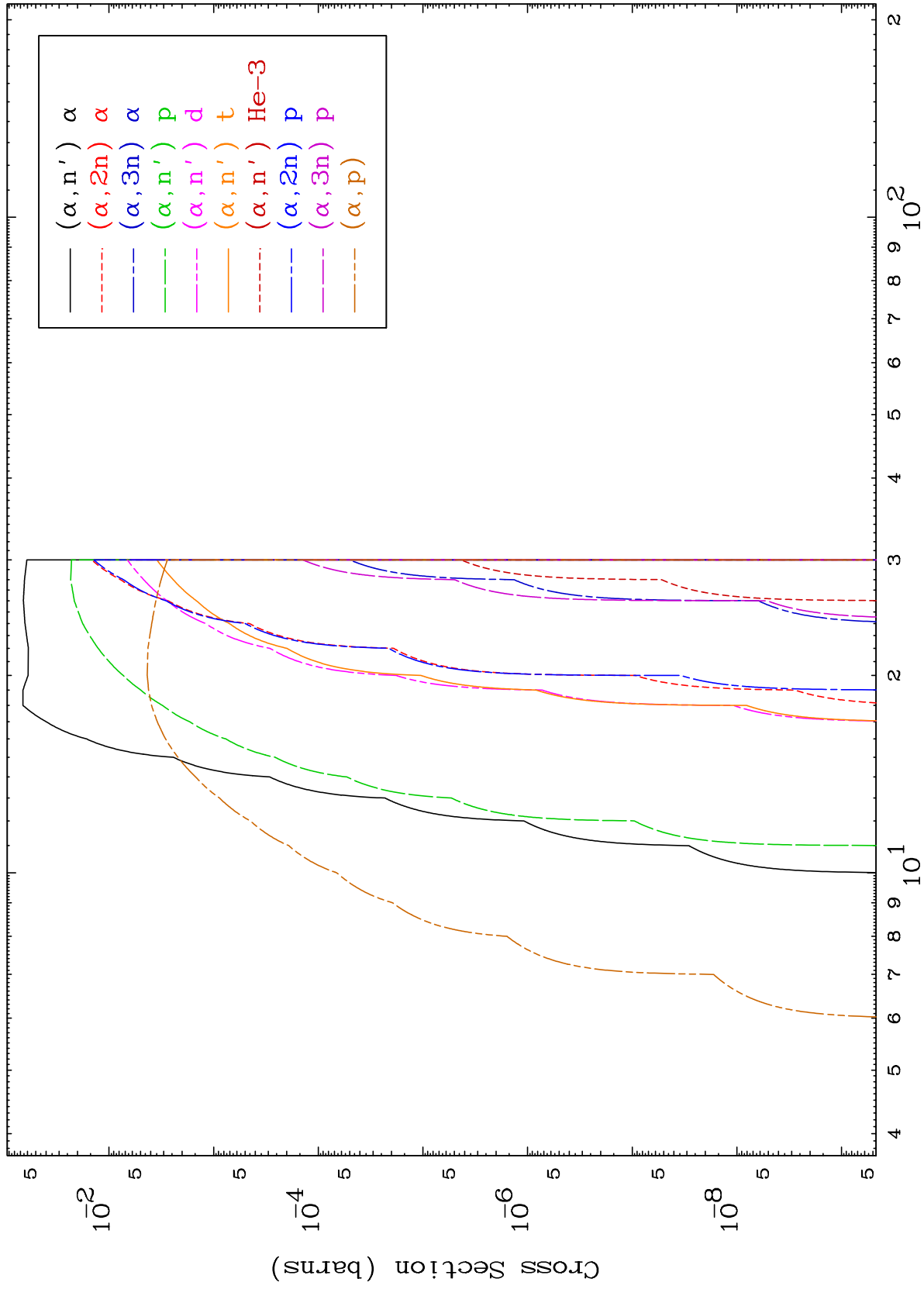
Incident Energy (MeV)

30-Zn-75

MAT 3058

α Charged Particle
0 Kelvin Cross Sections

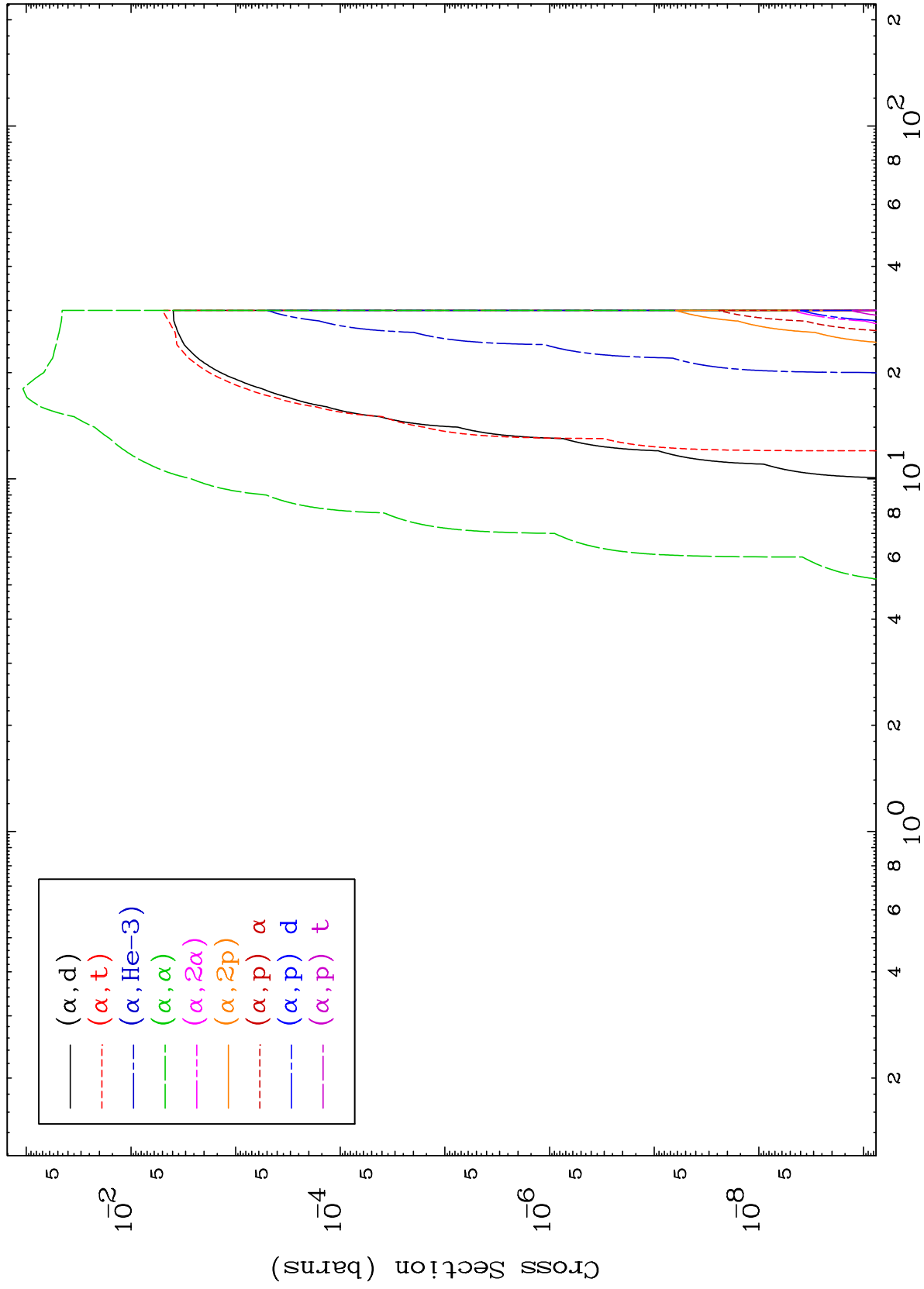
30-Zn-75



4

Incident Energy (MeV)

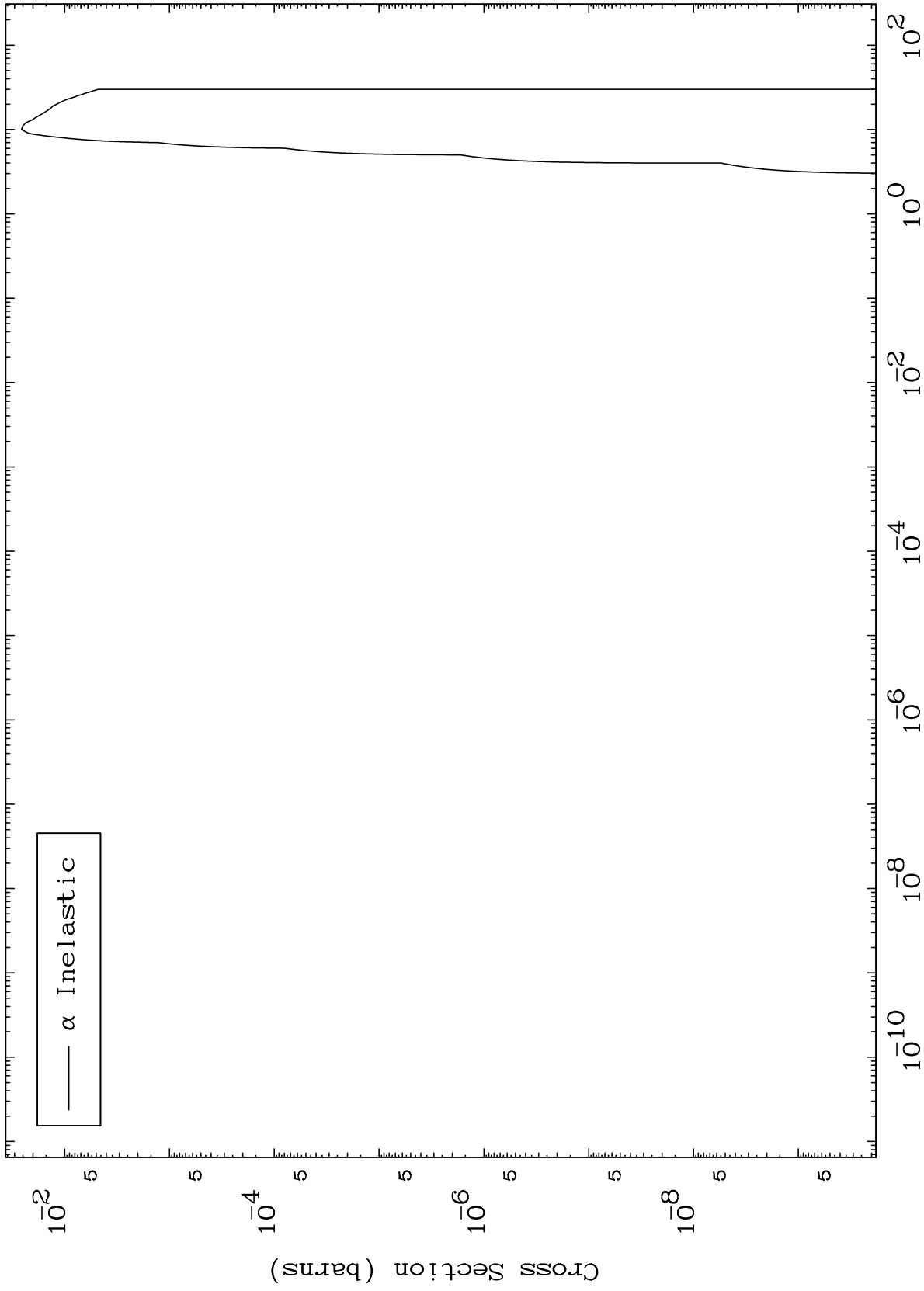
30-Zn-75



MAT 3058

(α, n') Level
0 Kelvin Cross Sections

30-Zn-75



6

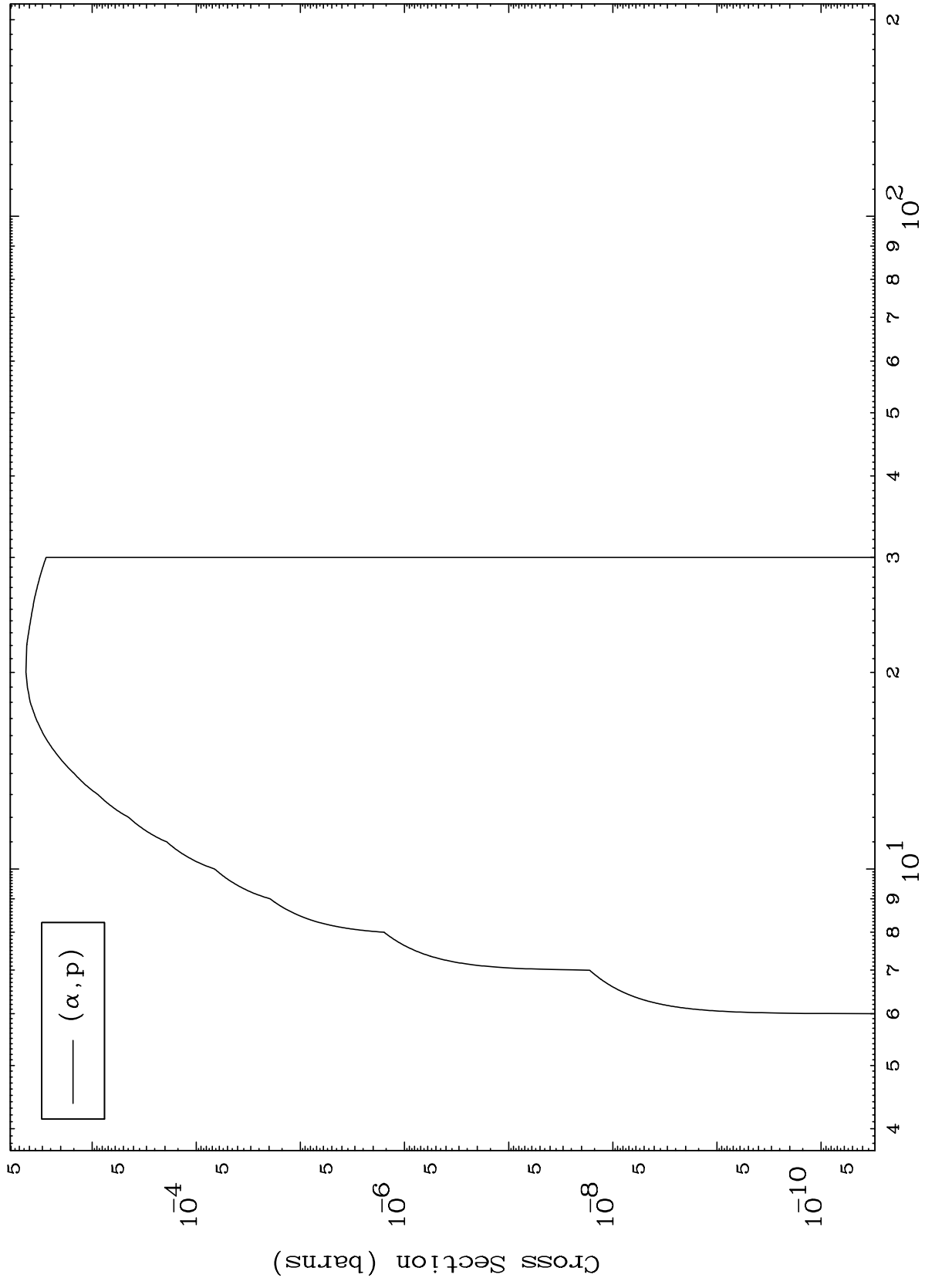
Incident Energy (MeV)

30-Zn-75

MAT 3058

(α, p) Levels
0 Kelvin Cross Sections

30-Zn-75



7

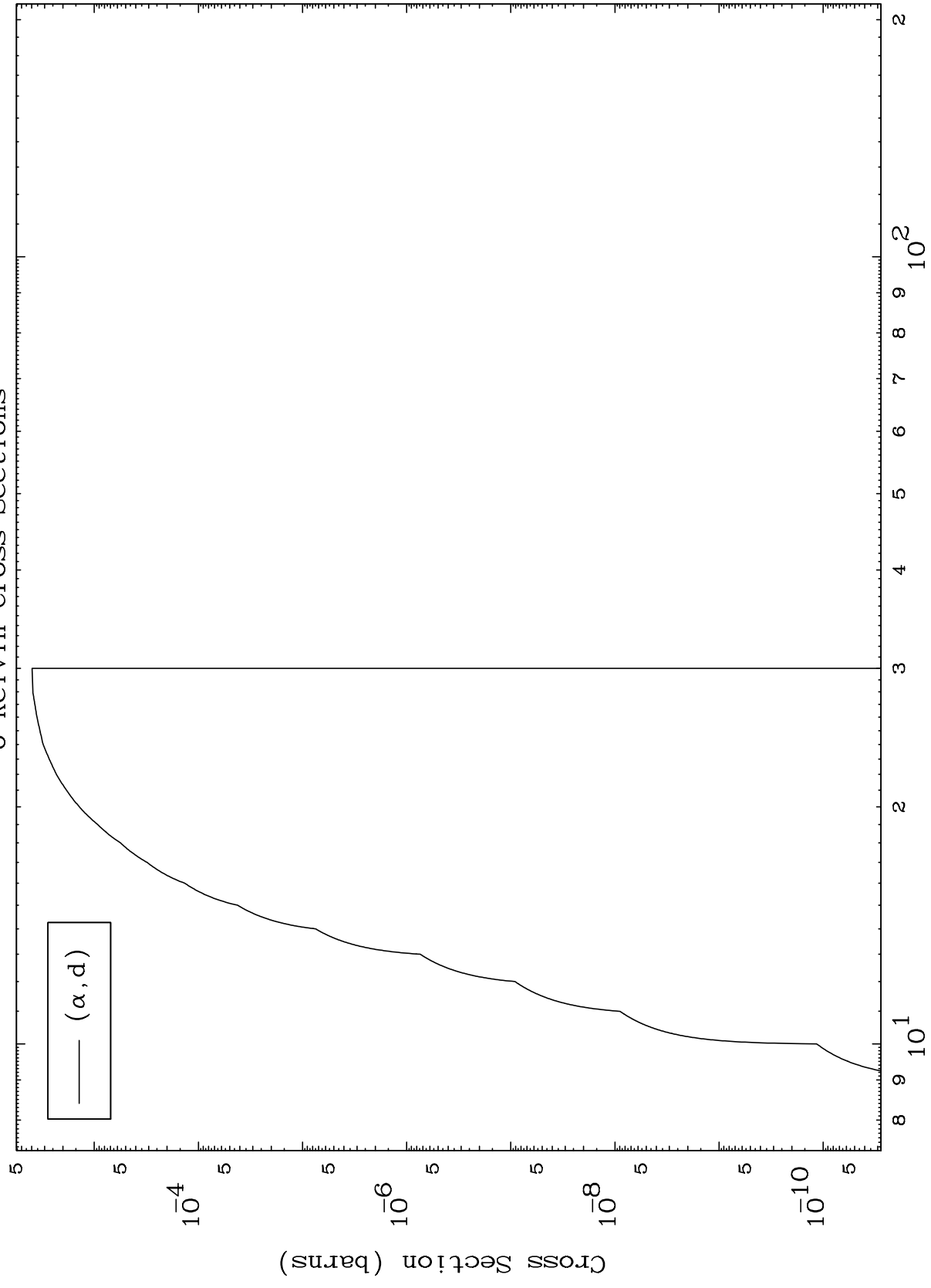
Incident Energy (MeV)

30-Zn-75

MAT 3058

(α, d) Levels
0 Kelvin Cross Sections

30-Zn-75



8

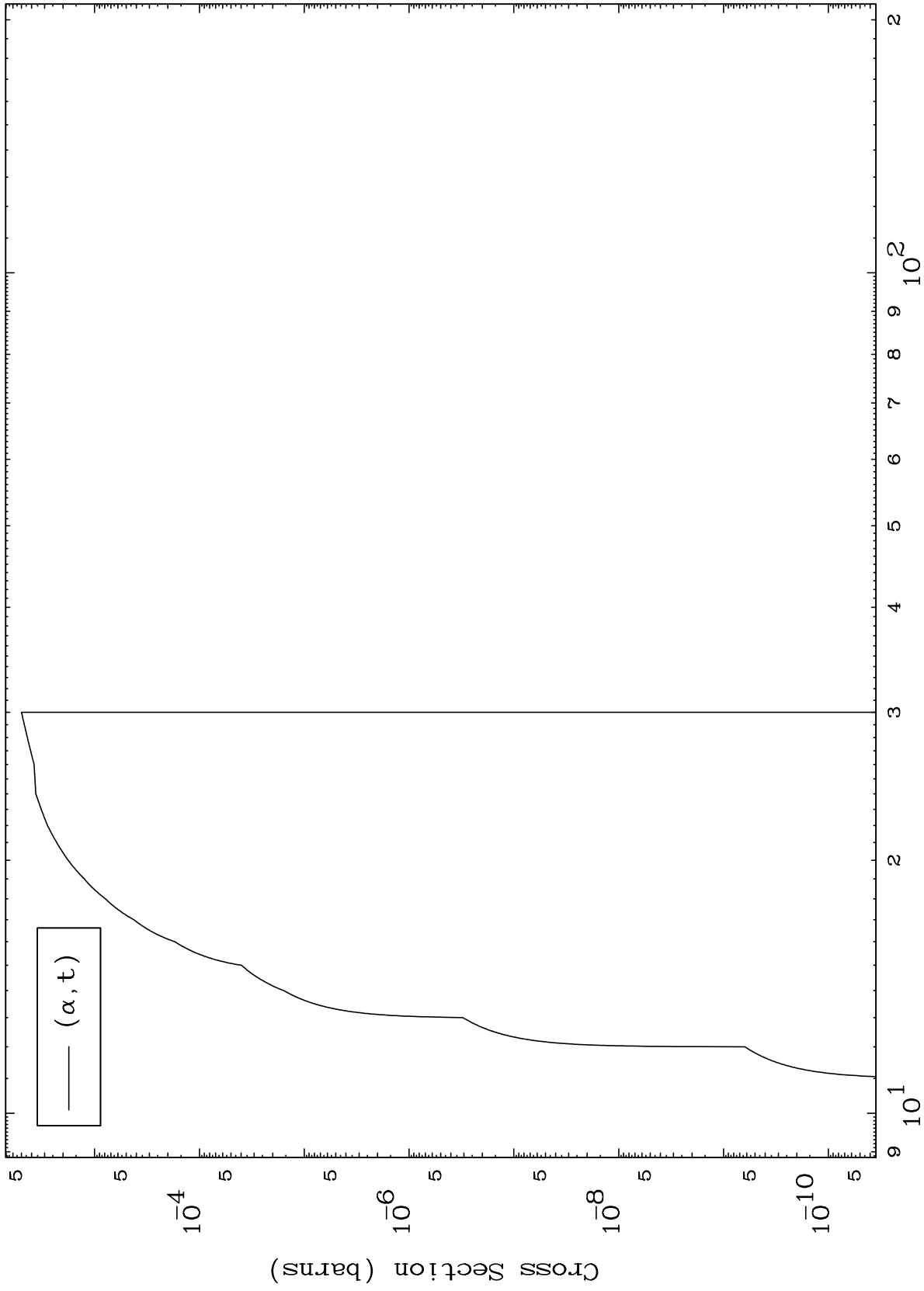
Incident Energy (MeV)

30-Zn-75

MAT 3058

(α, t) Levels
0 Kelvin Cross Sections

30-Zn-75



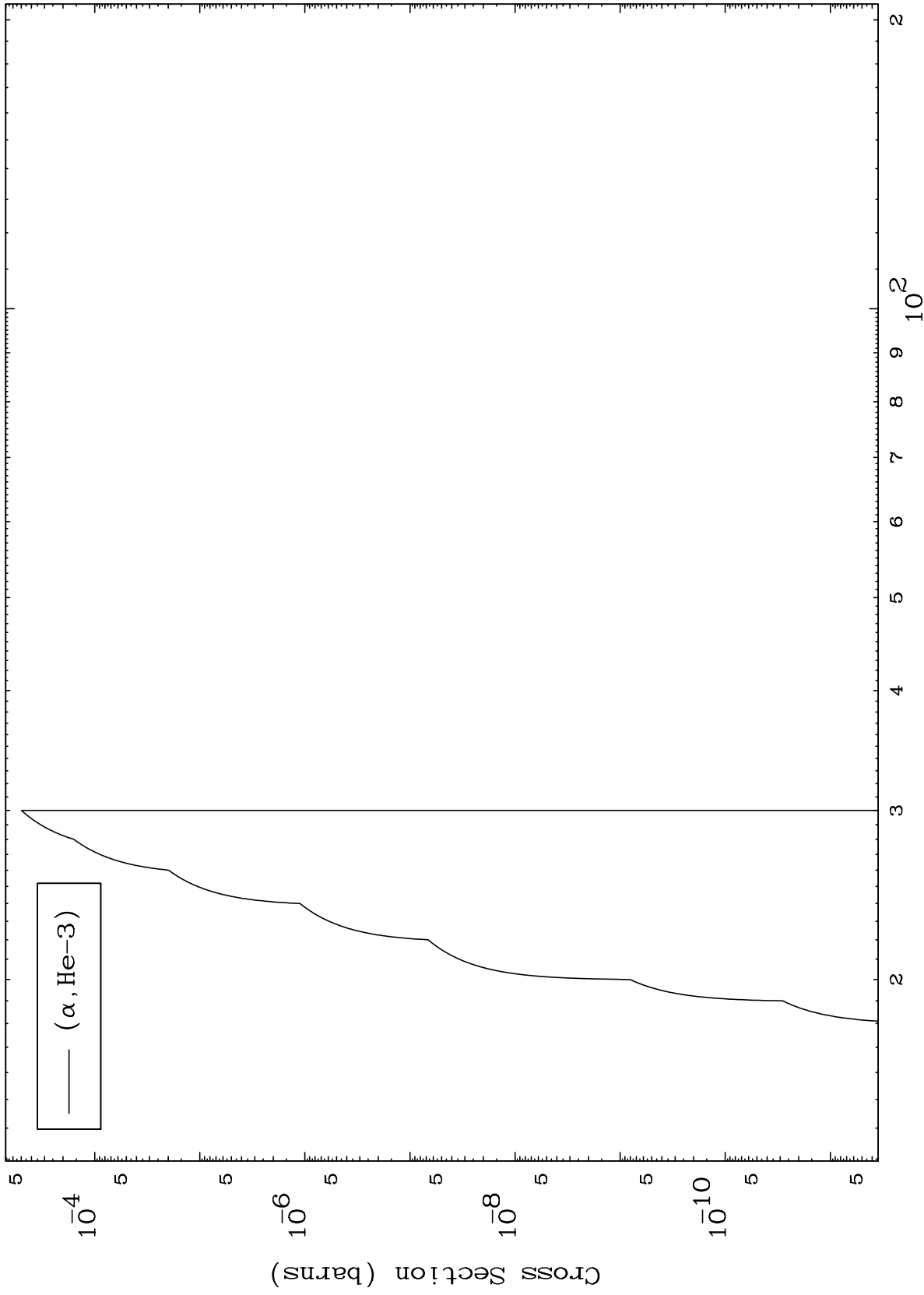
Incident Energy (MeV)

30-Zn-75

MAT 3058

(α ,He3) Levels
0 Kelvin Cross Sections

30-Zn-75



10

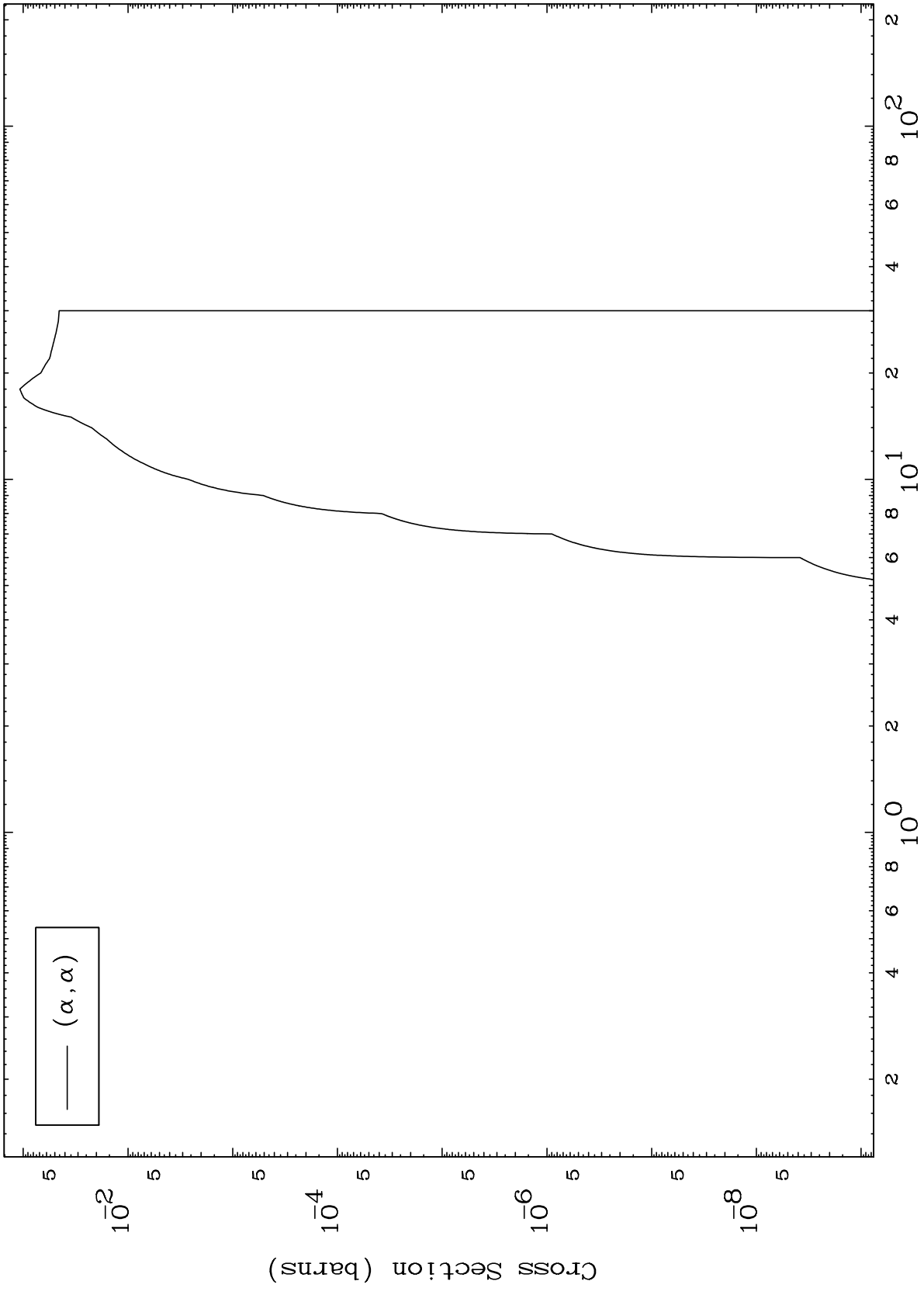
Incident Energy (MeV)

30-Zn-75

MAT 3058

(α, α) Levels
0 Kelvin Cross Sections

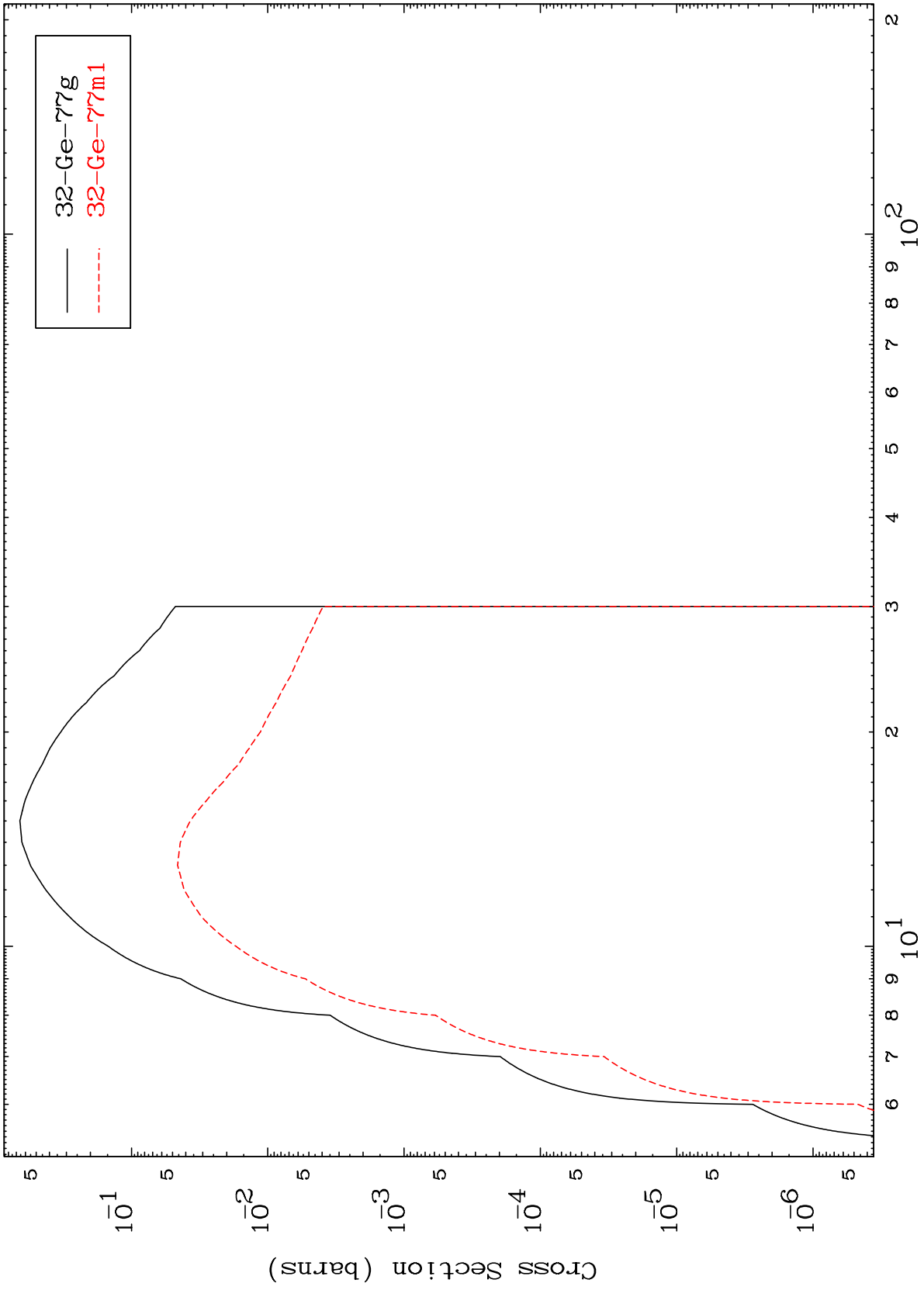
30-Zn-75



MAT 3058

30-Zn-75

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



12

Incident Energy (MeV)

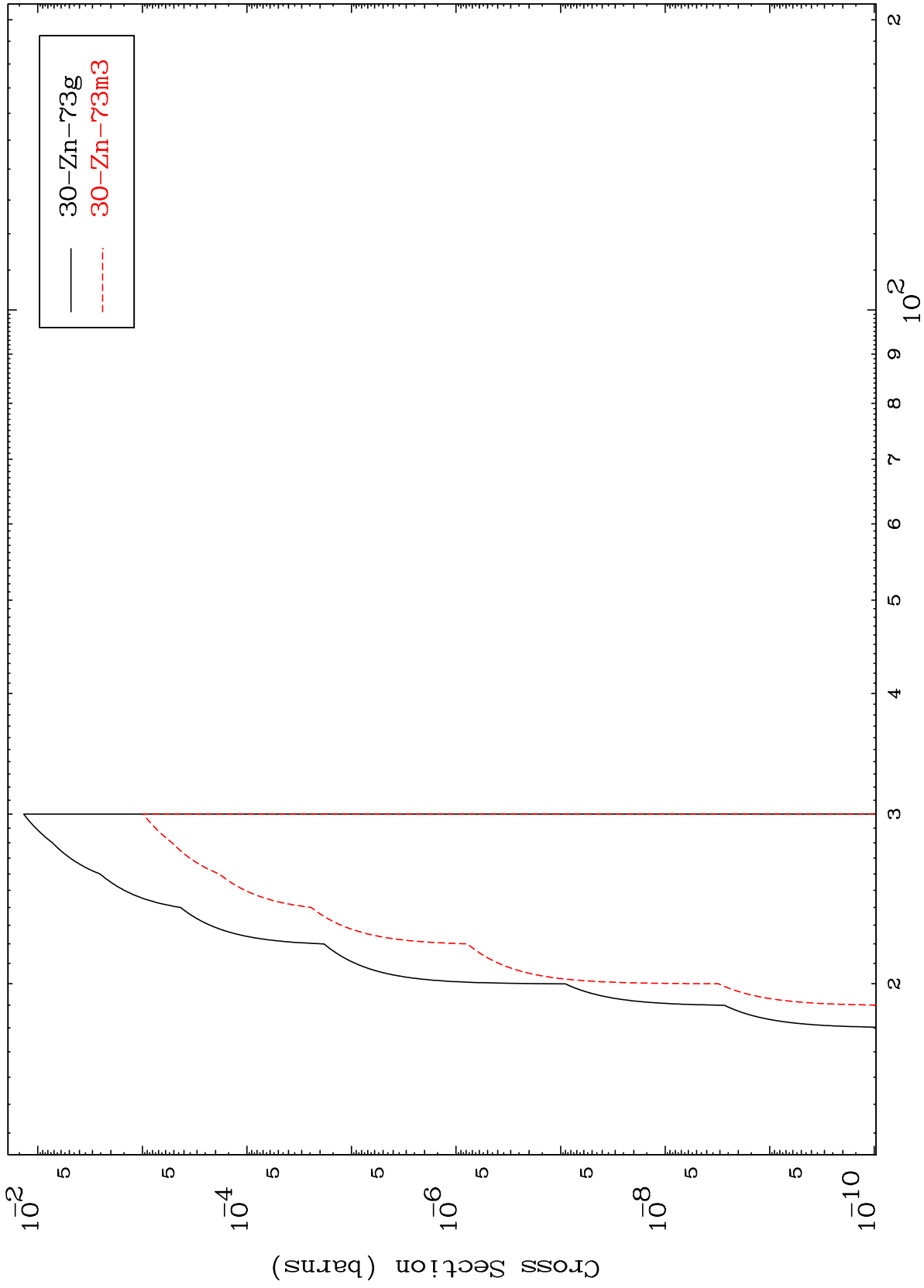
30-Zn-75

MAT 3058

$(\alpha, 2n) \alpha$

$^{30}\text{Zn}-75$

Radionuclide Production Cross Section



13

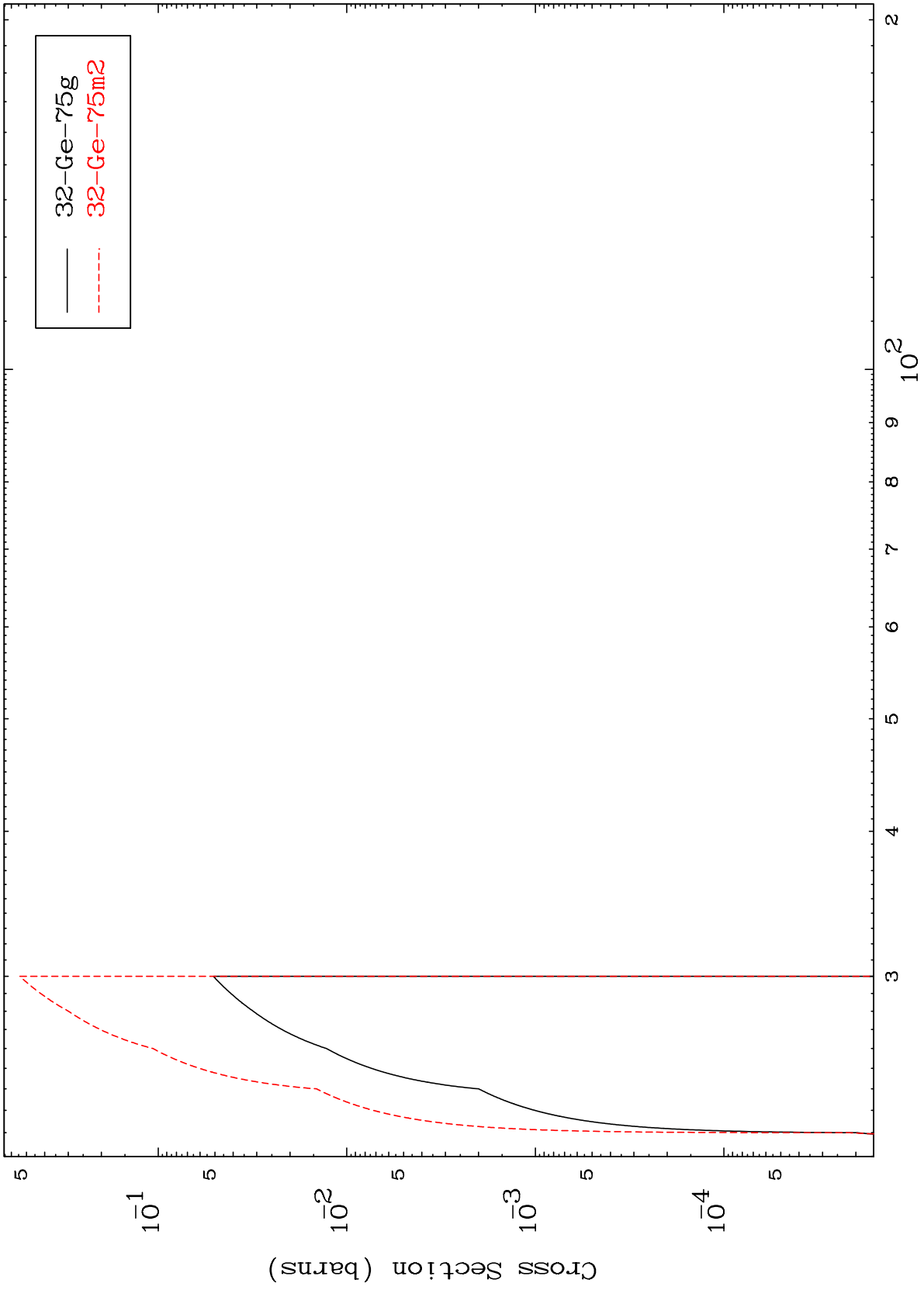
Incident Energy (MeV)

$^{30}\text{Zn}-75$

MAT 3058

30-Zn-75

($\alpha, 4n$)
Radionuclide Production Cross Section



14

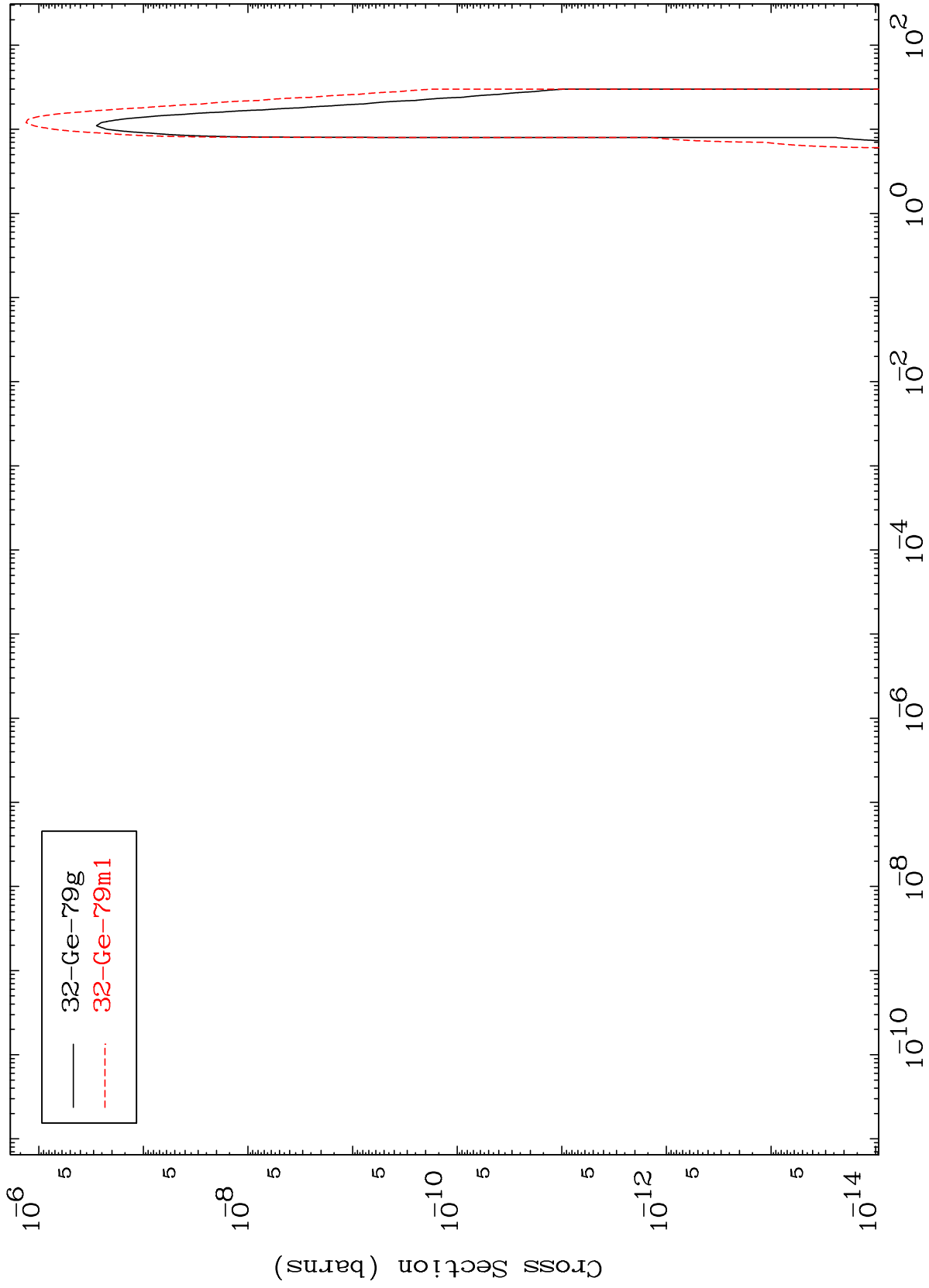
Incident Energy (MeV)

30-Zn-75

MAT 3058

Radionuclide Production Cross Section
(α, γ)

$^{30}\text{Zn-75}$



15

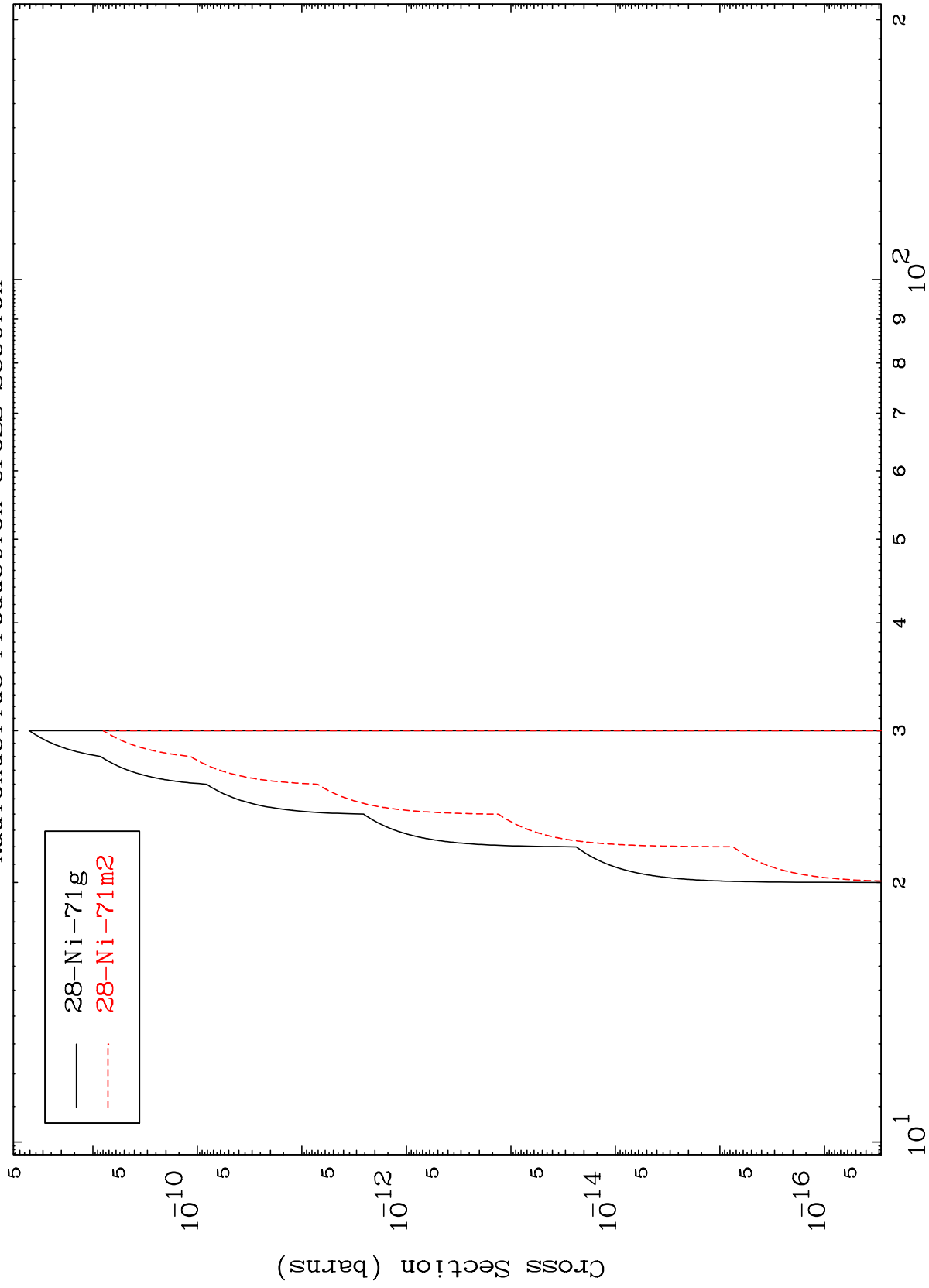
Incident Energy (MeV)

$^{30}\text{Zn-75}$

MAT 3058

30-Zn-75

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



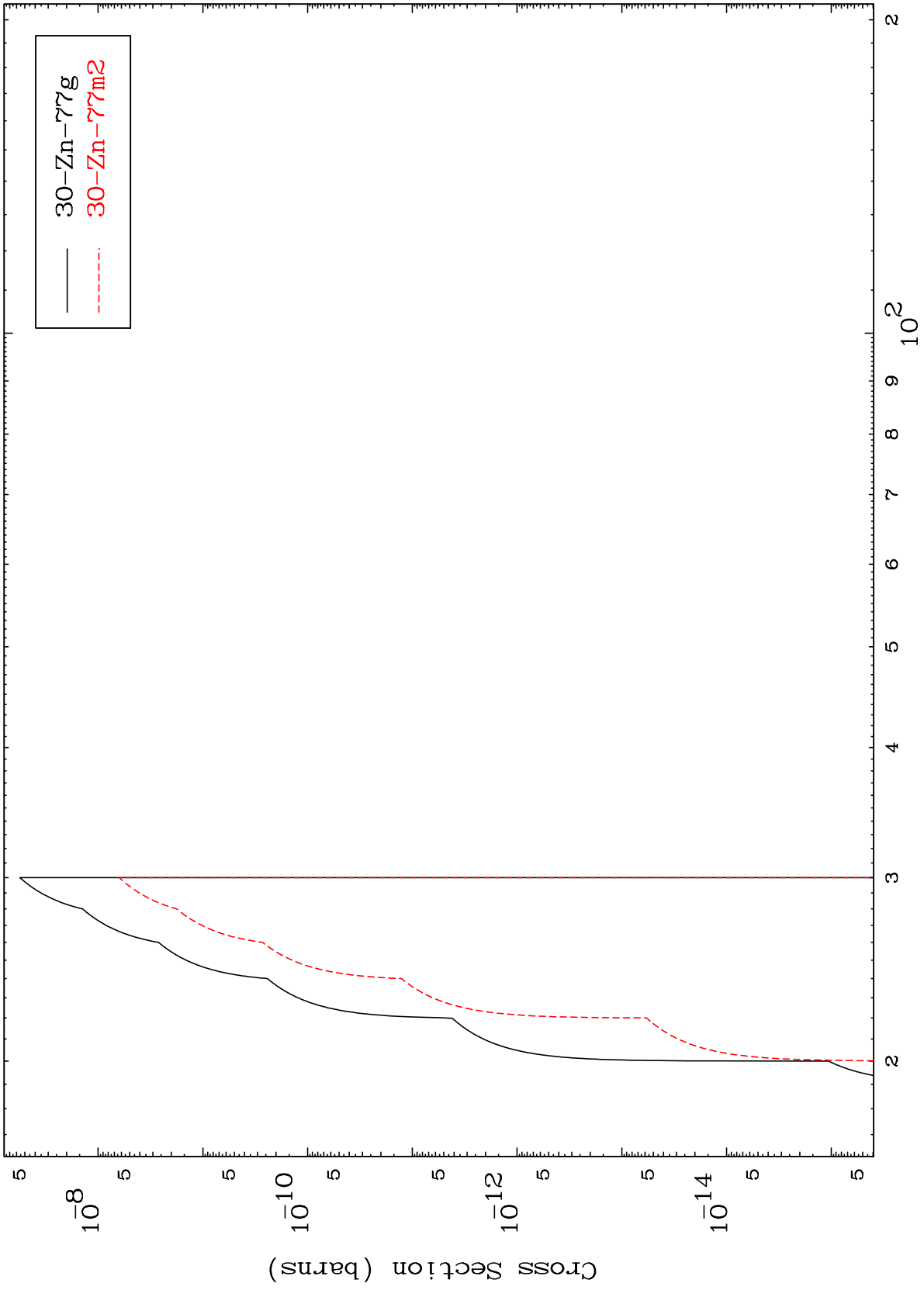
Incident Energy (MeV)

30-Zn-75

MAT 3058

30-Zn-75

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



17

Incident Energy (MeV)

30-Zn-75