

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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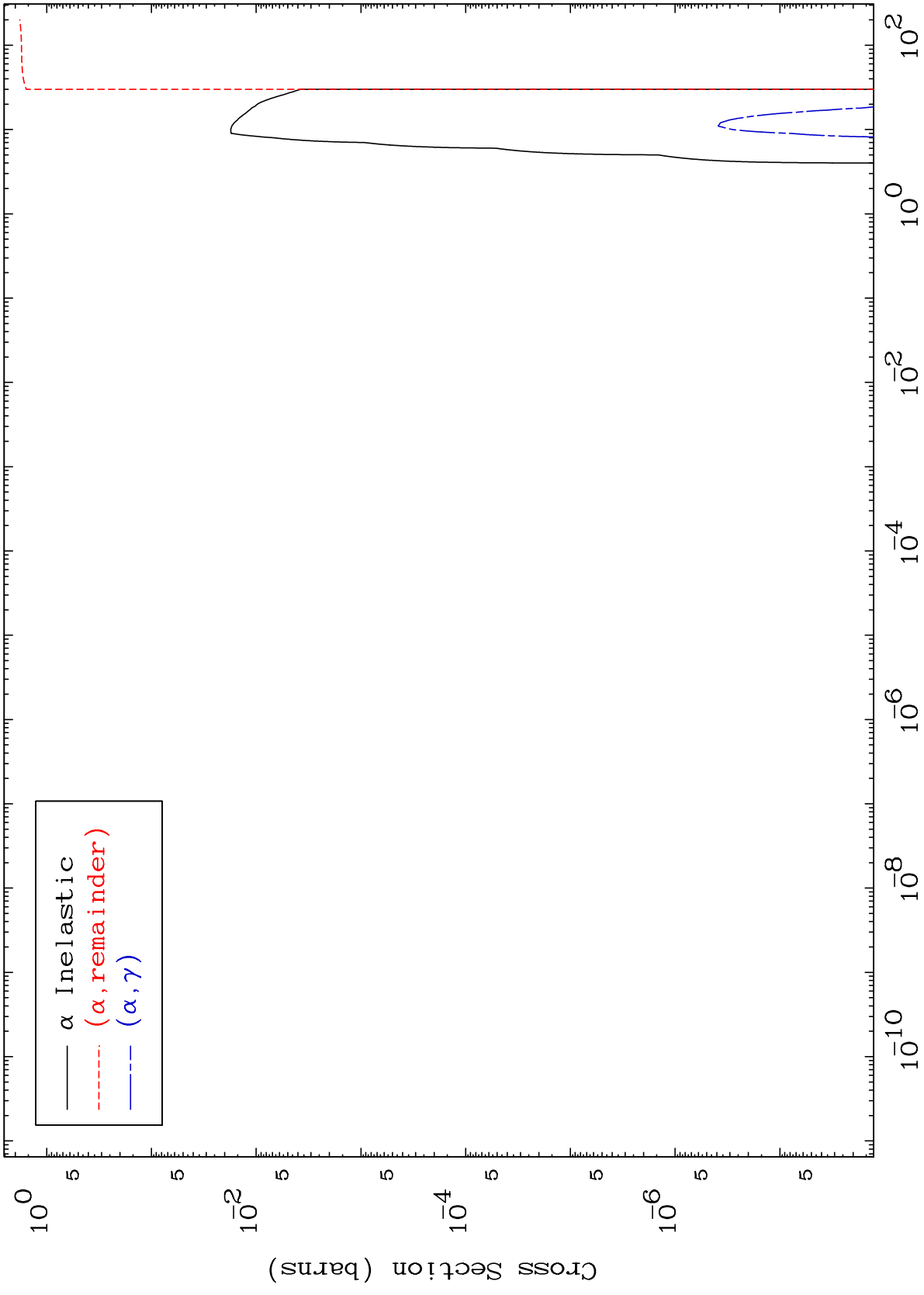
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3064

0 Kelvin α Major
Cross Sections

30-Zn-77

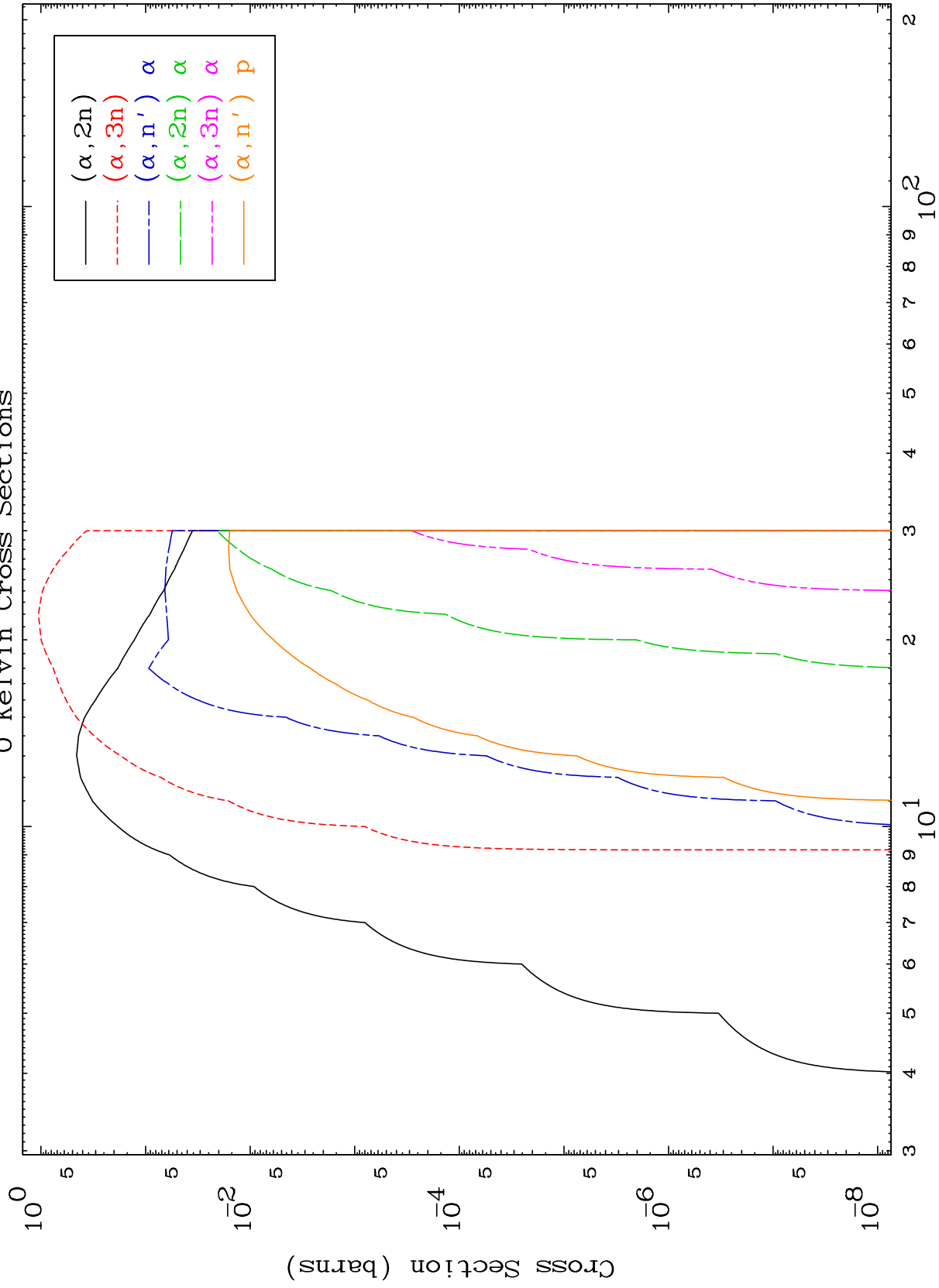


30-Zn-77

MAT 3064

α Neutron Production
0 Kelvin Cross Sections

30-Zn-77



2

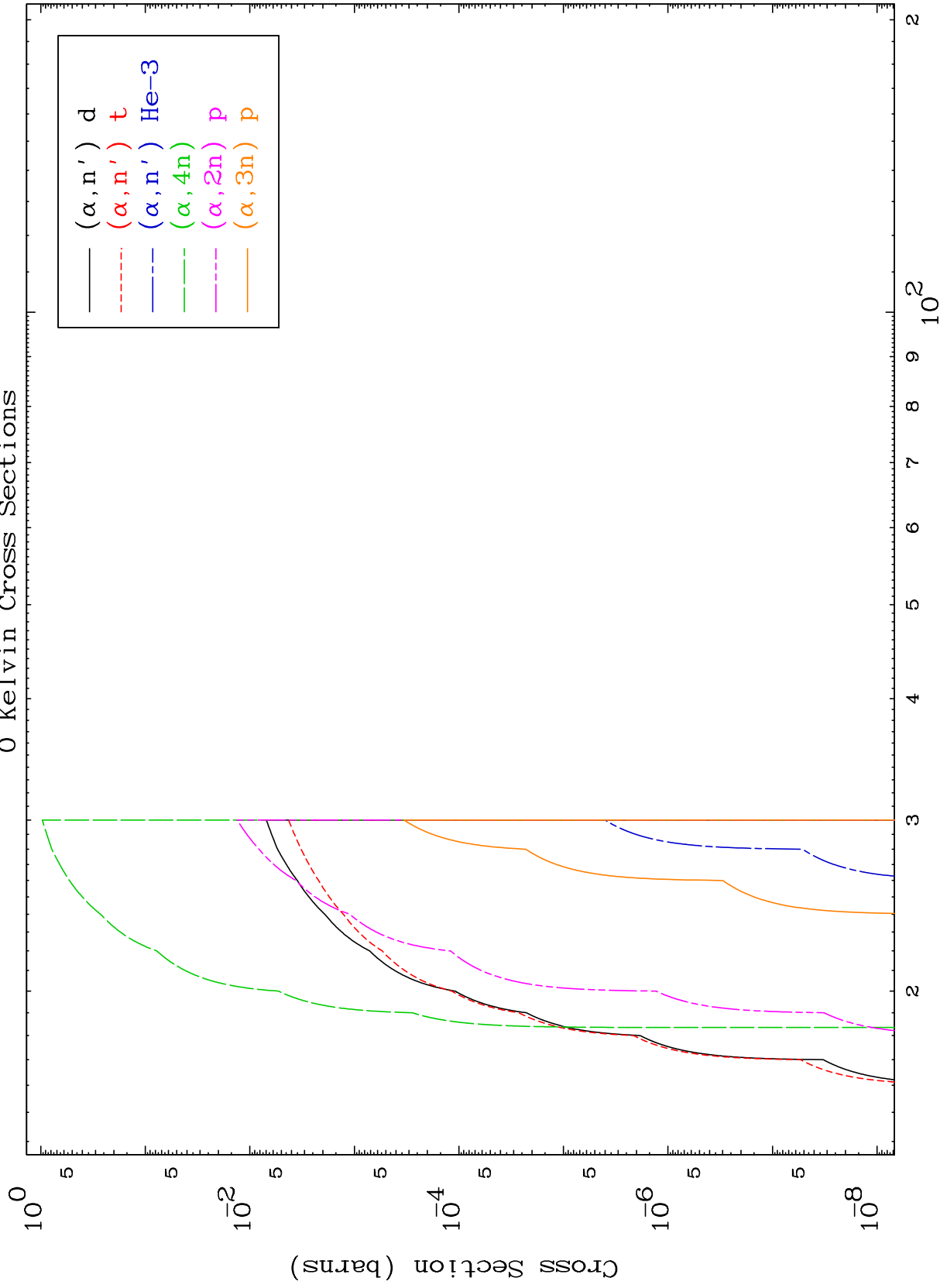
Incident Energy (MeV)

30-Zn-77

MAT 3064

α Neutron Production
0 Kelvin Cross Sections

30-Zn-77



3

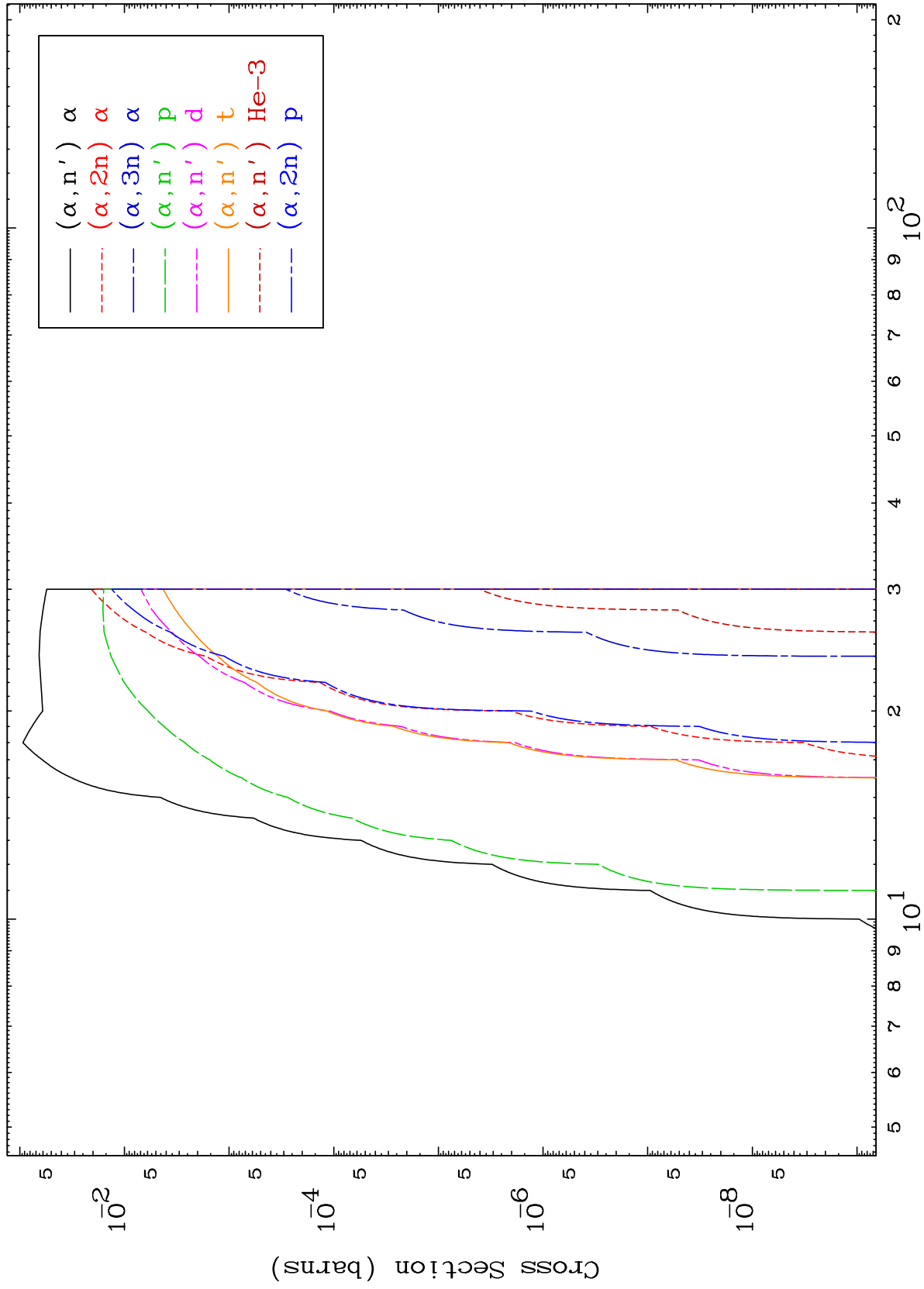
Incident Energy (MeV)

30-Zn-77

MAT 3064

α Charged Particle
0 Kelvin Cross Sections

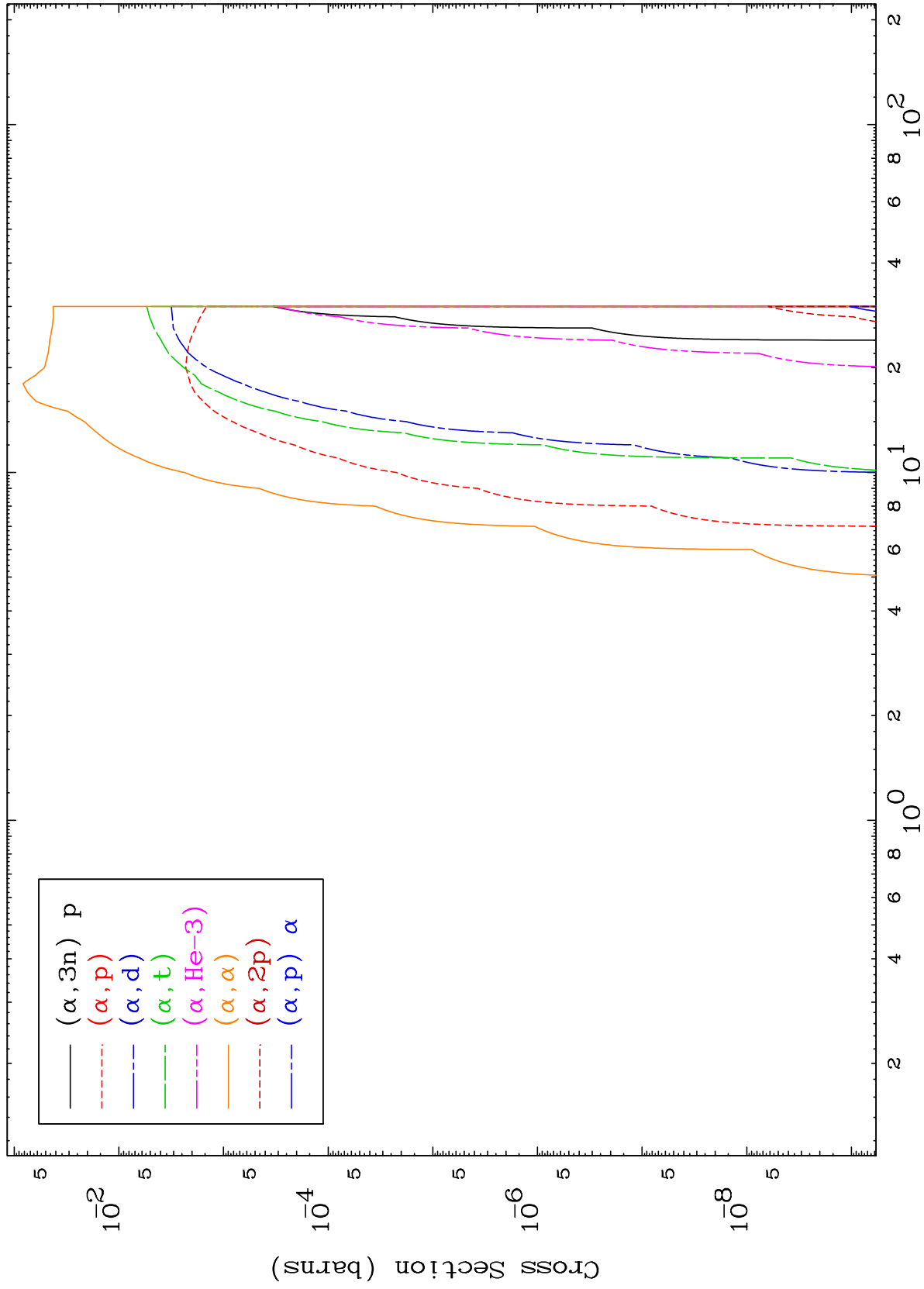
30-Zn-77



4

Incident Energy (MeV)

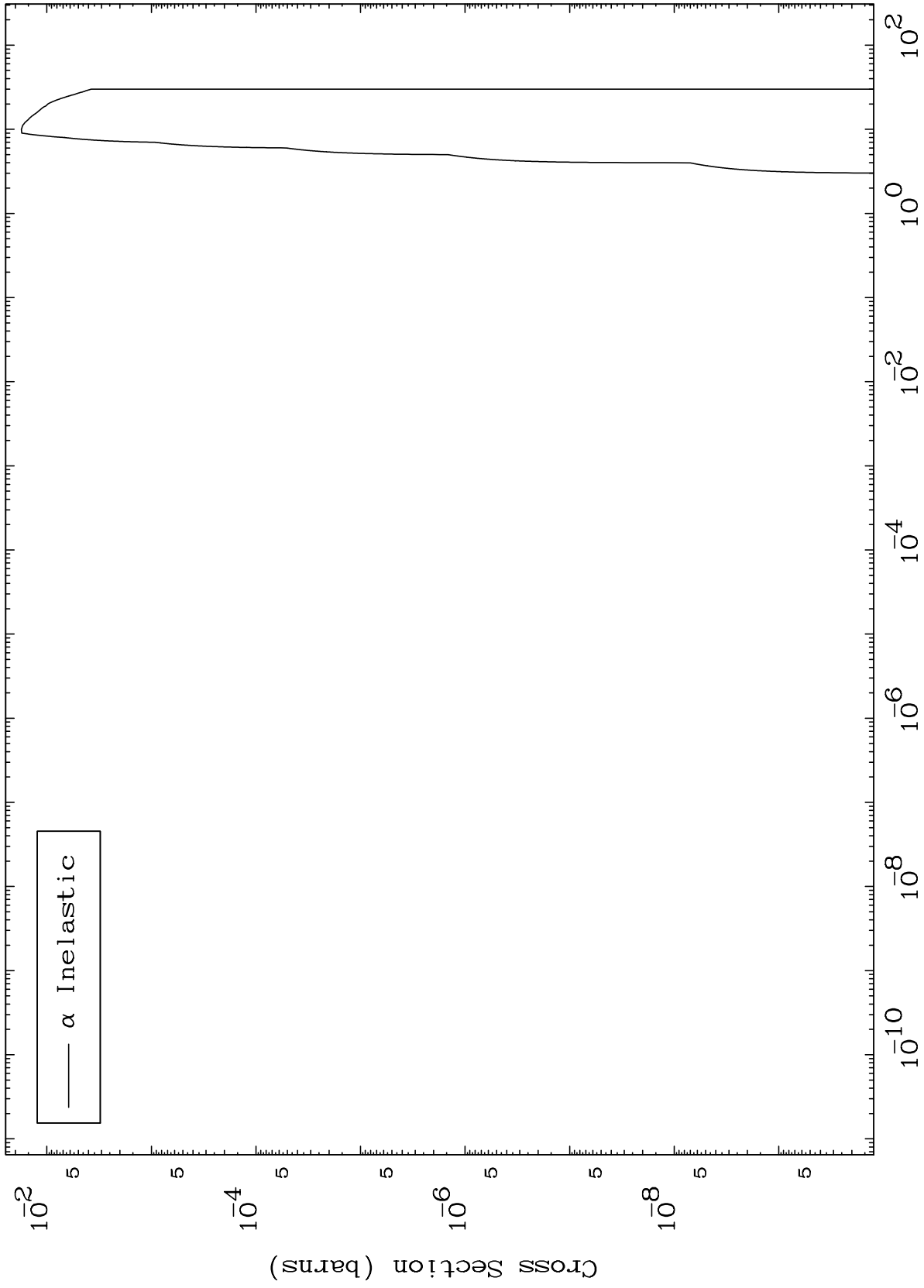
30-Zn-77



MAT 3064

(α, n') Level
0 Kelvin Cross Sections

30-Zn-77



6

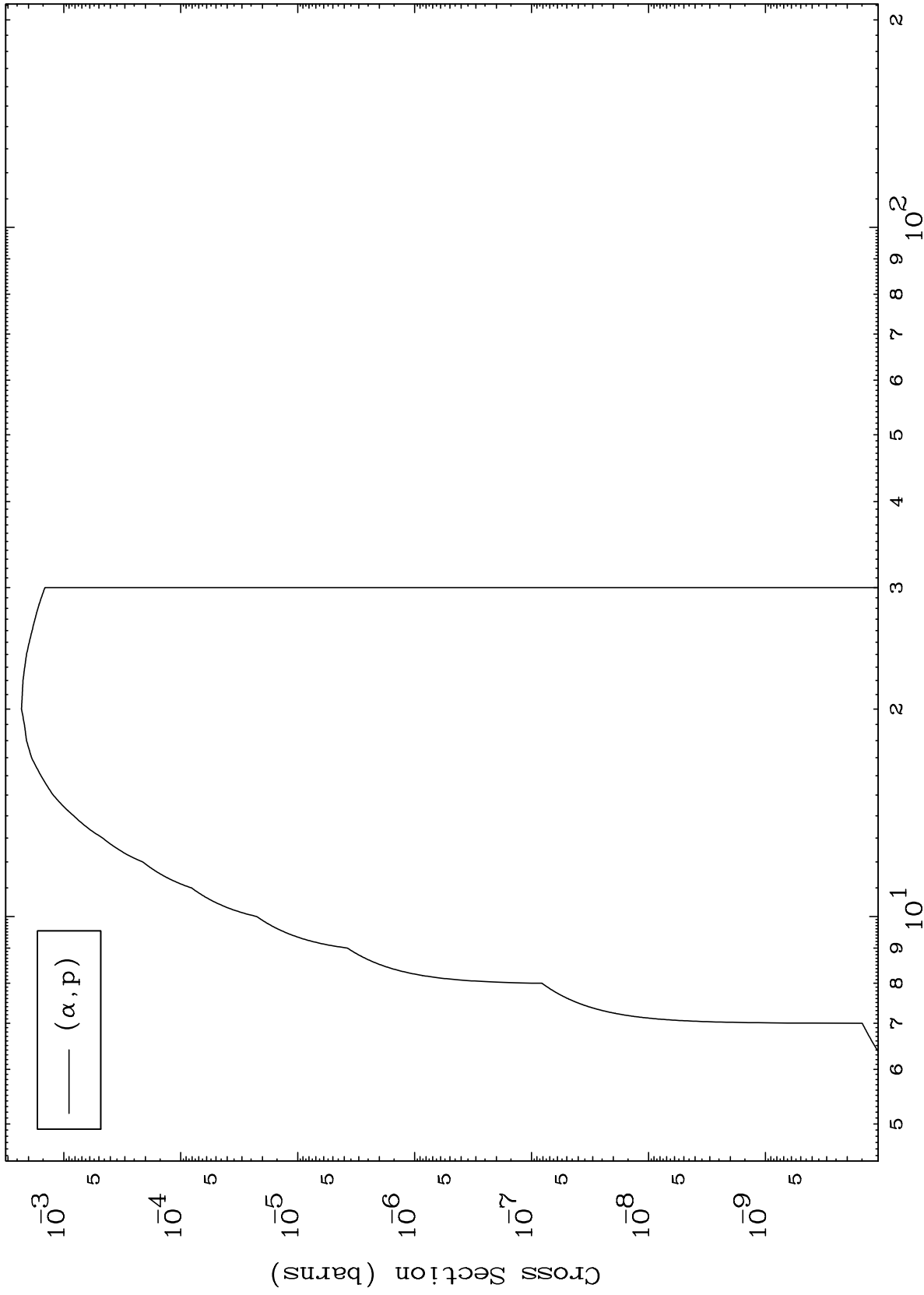
Incident Energy (MeV)

30-Zn-77

MAT 3064

(α, p) Levels
0 Kelvin Cross Sections

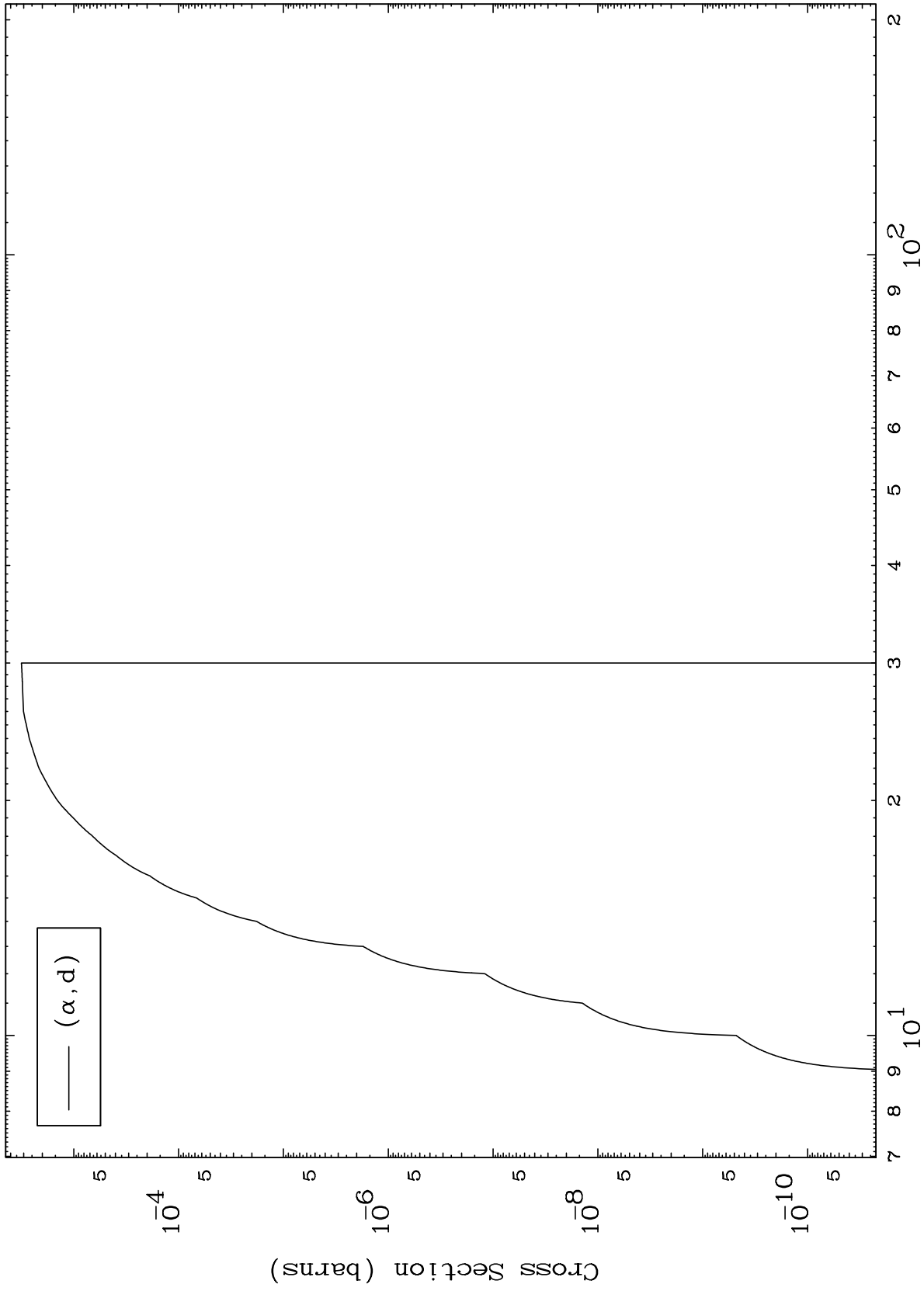
30-Zn-77



MAT 3064

(α, d) Levels
0 Kelvin Cross Sections

30-Zn-77



8

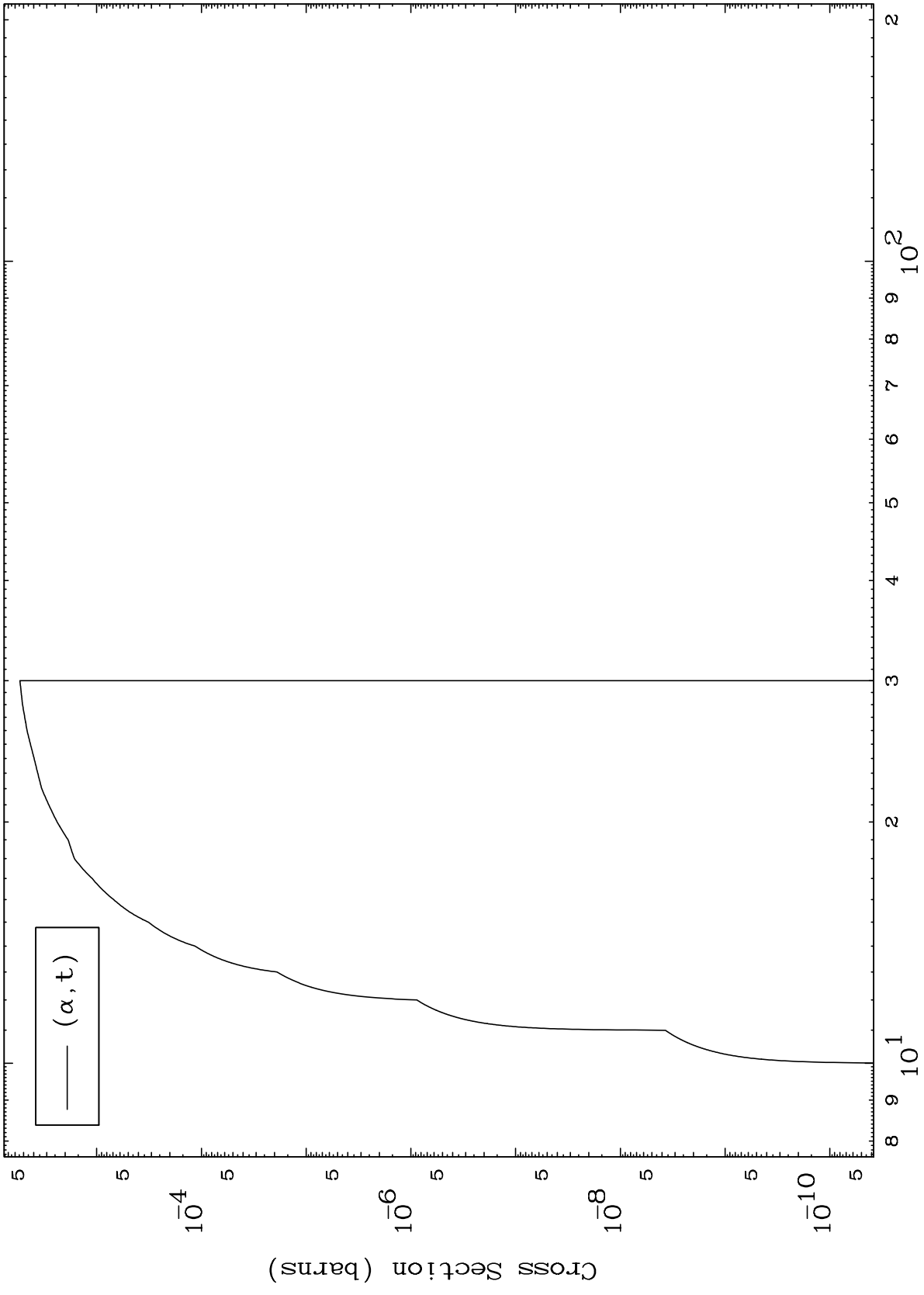
Incident Energy (MeV)

30-Zn-77

MAT 3064

(α, t) Levels
0 Kelvin Cross Sections

30-Zn-77



9

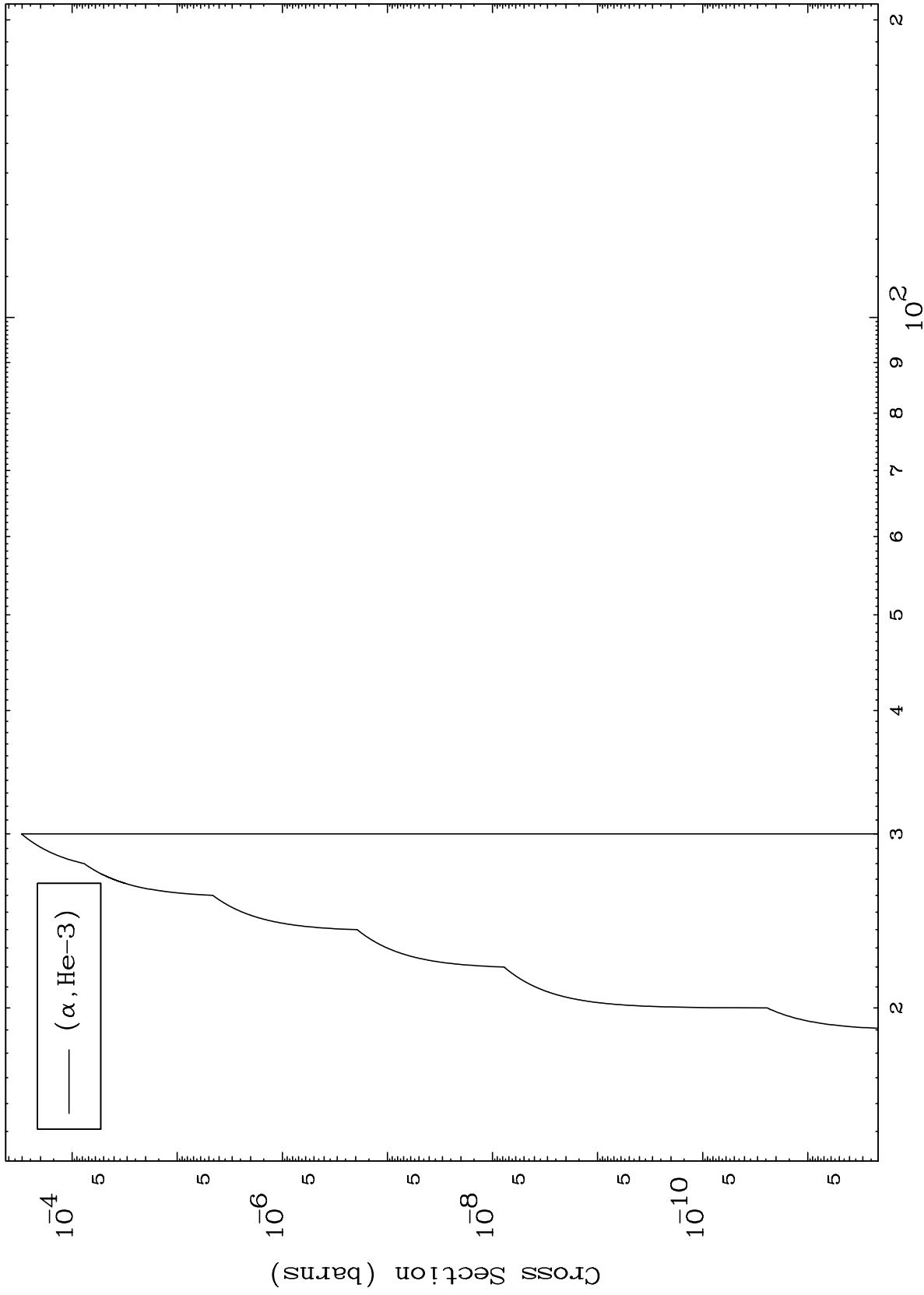
Incident Energy (MeV)

30-Zn-77

MAT 3064

(α ,He3) Levels
0 Kelvin Cross Sections

30-Zn-77



10

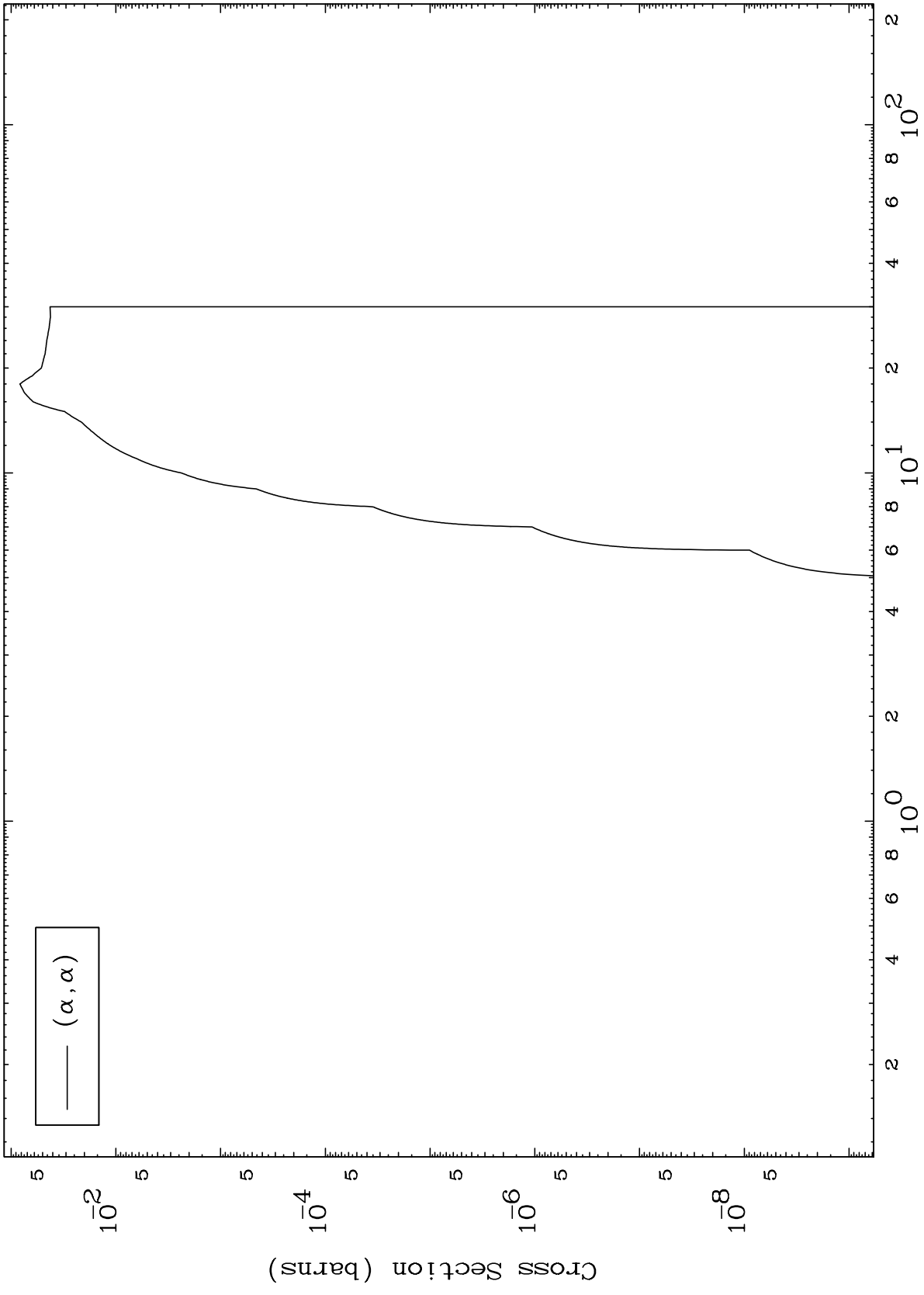
Incident Energy (MeV)

30-Zn-77

MAT 3064

(α, α) Levels
0 Kelvin Cross Sections

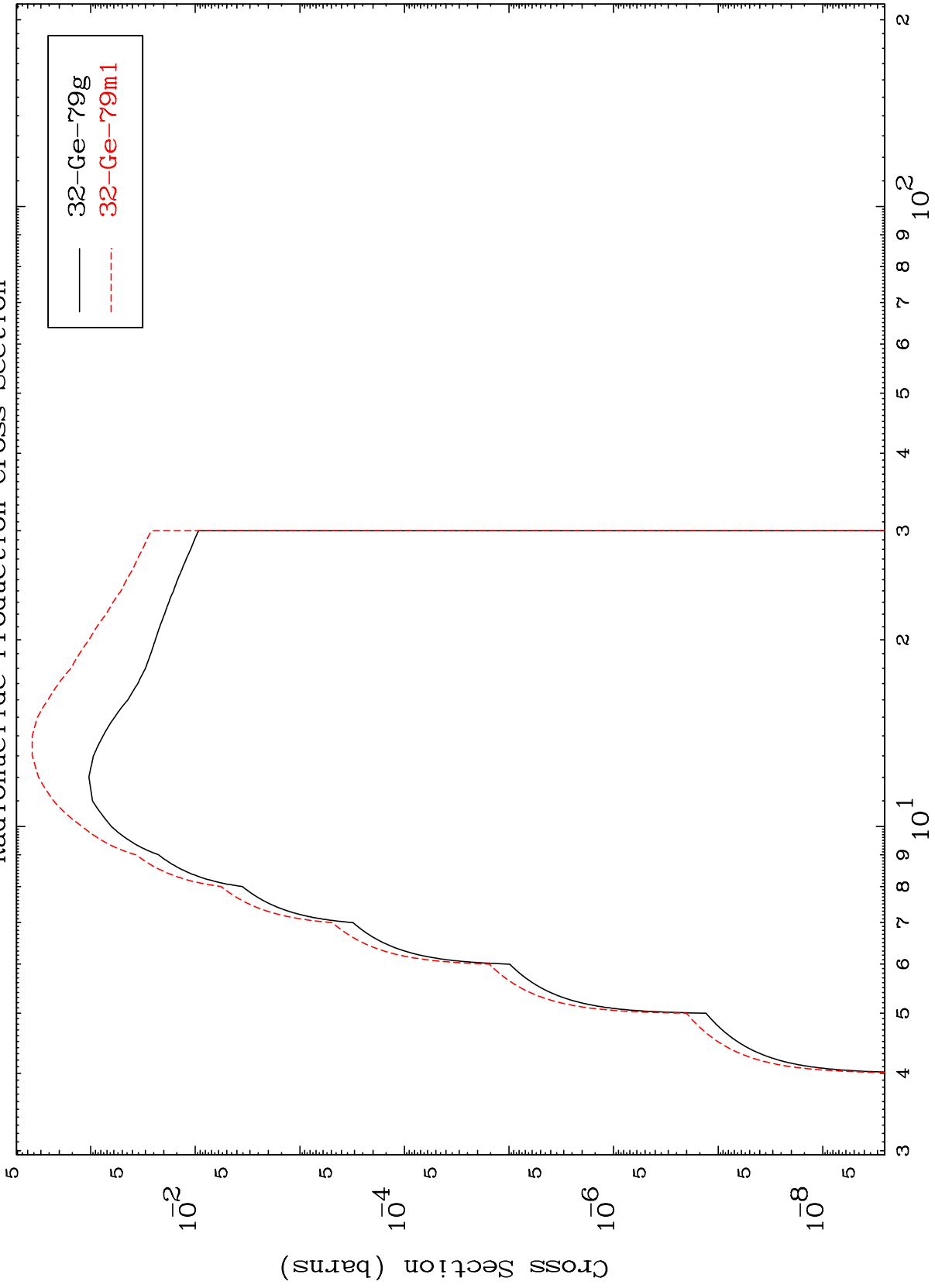
30-Zn-77



MAT 3064

30-Zn-77

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



12

Incident Energy (MeV)

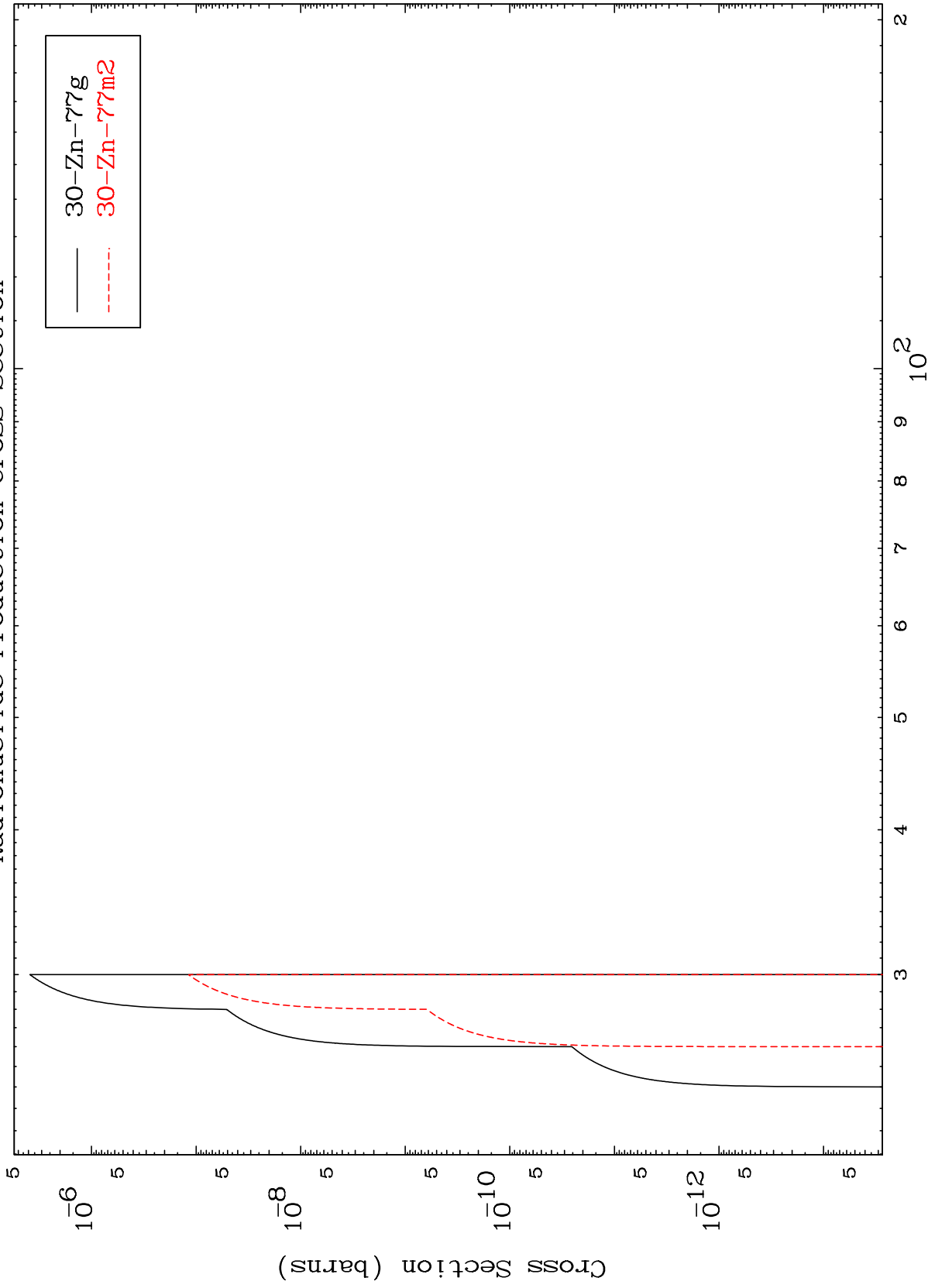
30-Zn-77

MAT 3064

(α, n') He-3

30-Zn-77

Radionuclide Production Cross Section



13

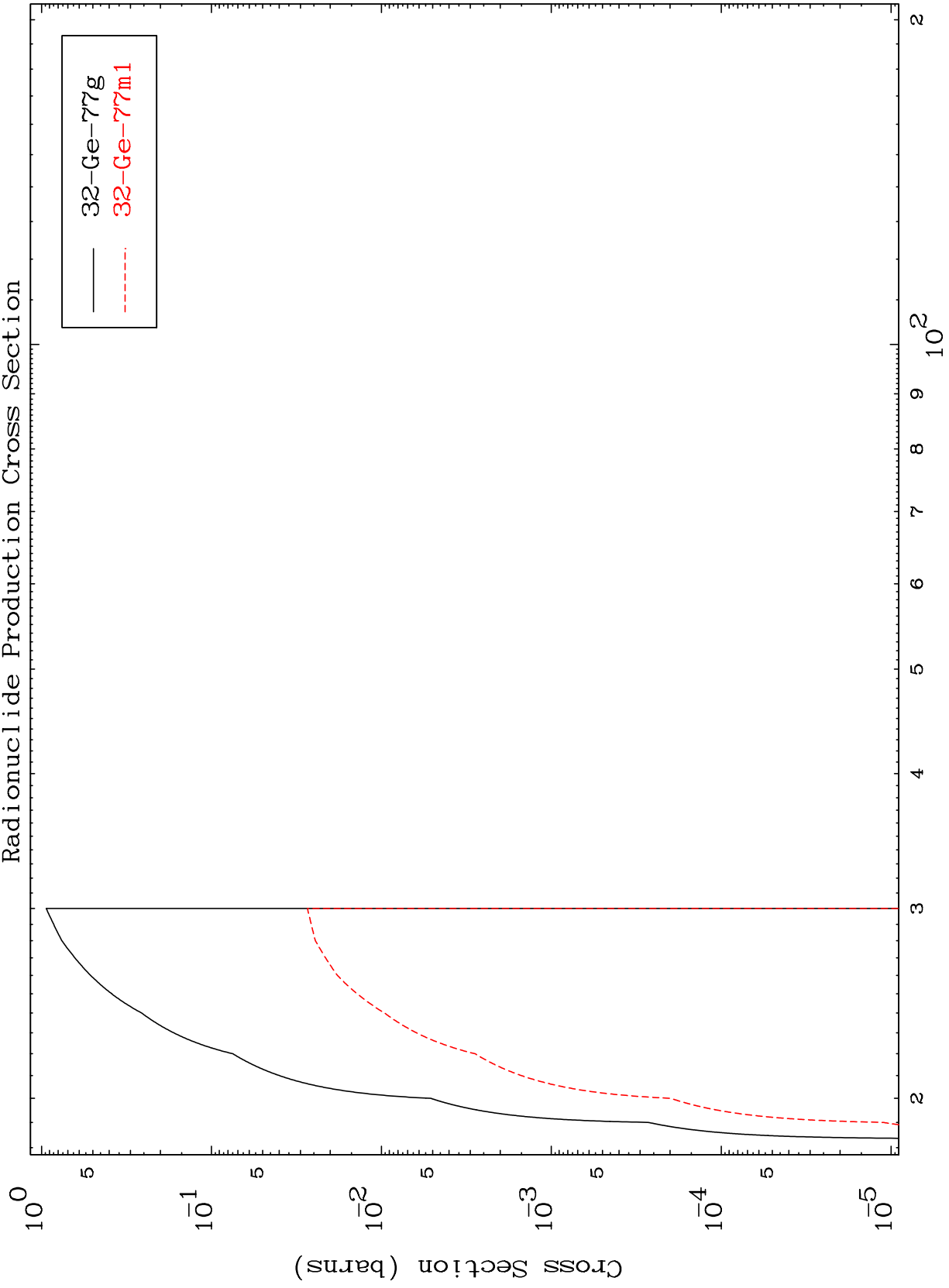
Incident Energy (MeV)

30-Zn-77

MAT 3064

30-Zn-77

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



32-Ge-77g
32-Ge-77m1

14

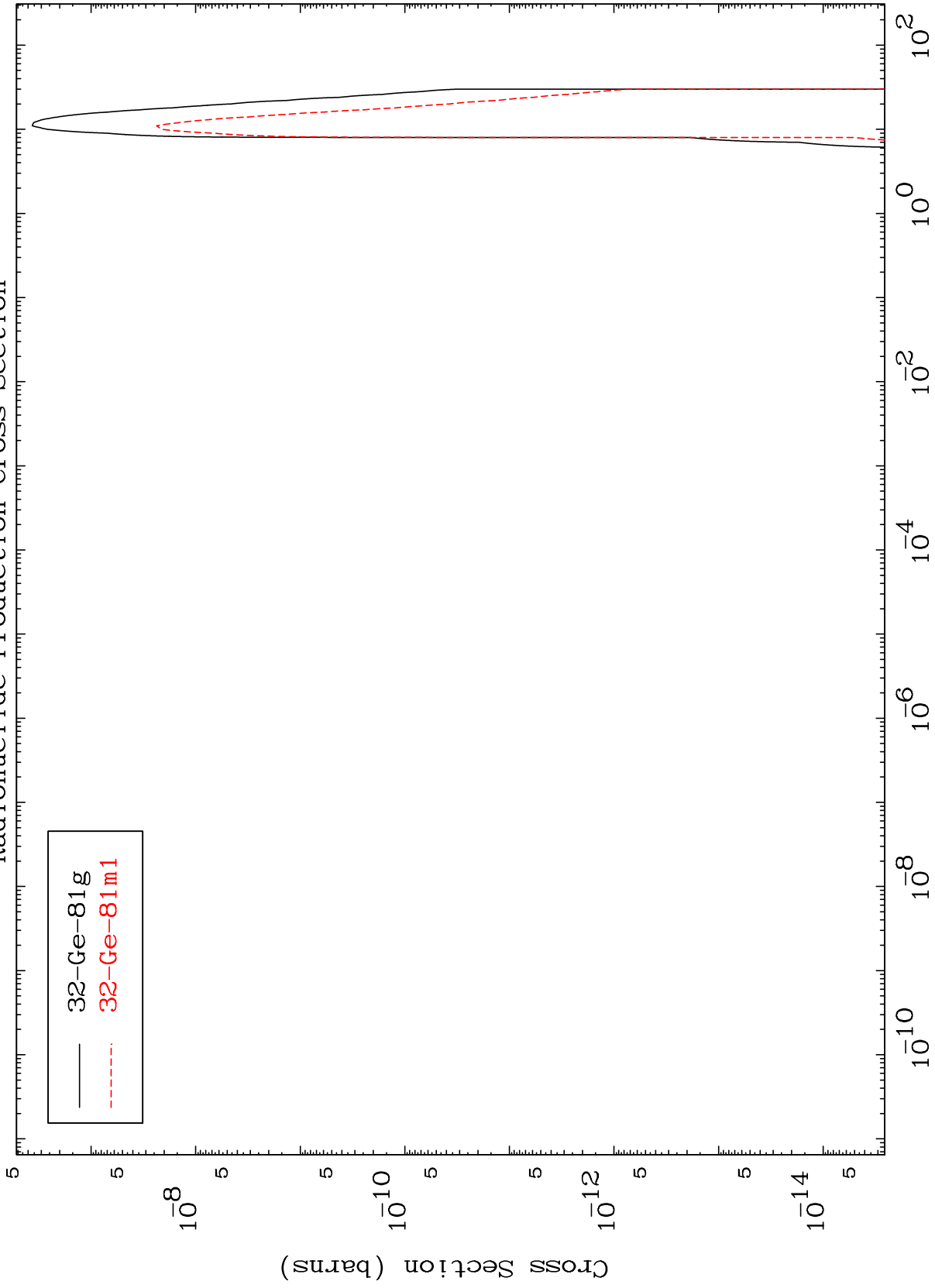
Incident Energy (MeV)

30-Zn-77

MAT 3064

Radionuclide Production Cross Section
(α, γ)

$^{30}\text{Zn-77}$



15

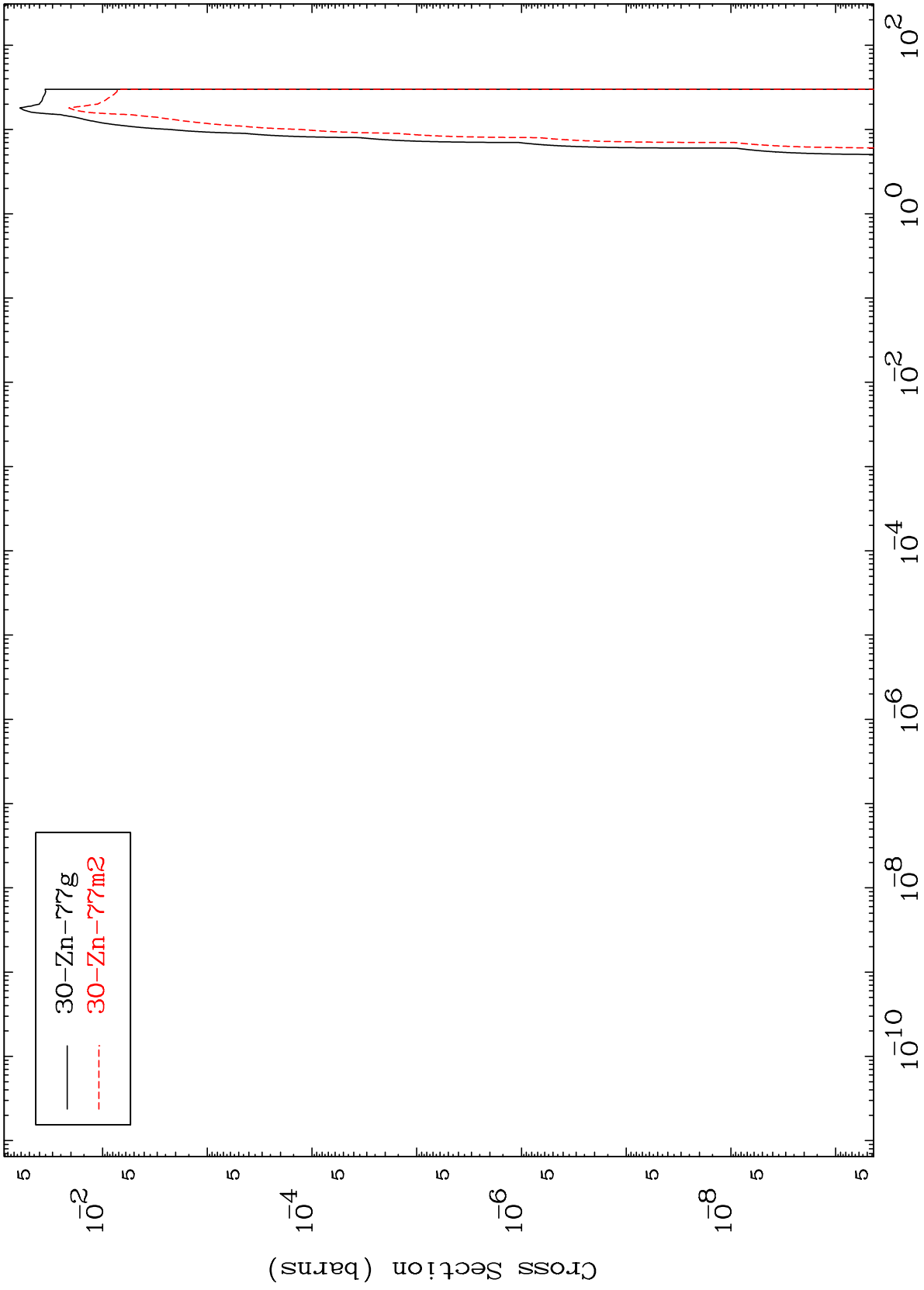
Incident Energy (MeV)

$^{30}\text{Zn-77}$

MAT 3064

(α, α)
Radionuclide Production Cross Section

$^{30}\text{Zn-77}$



16

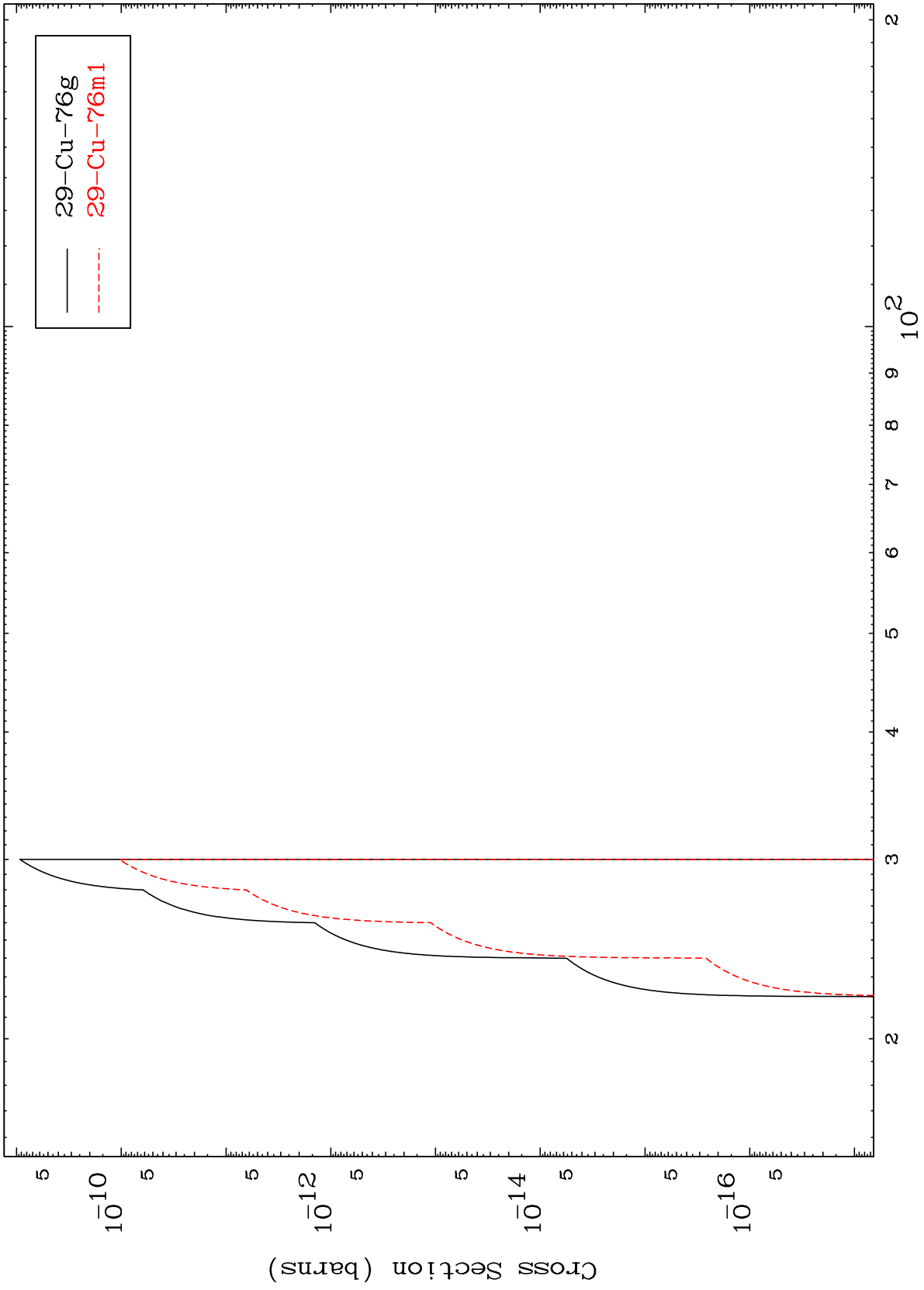
$^{30}\text{Zn-77}$

MAT 3064

(α, p) α

$^{30}\text{Zn-77}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

$^{30}\text{Zn-77}$