

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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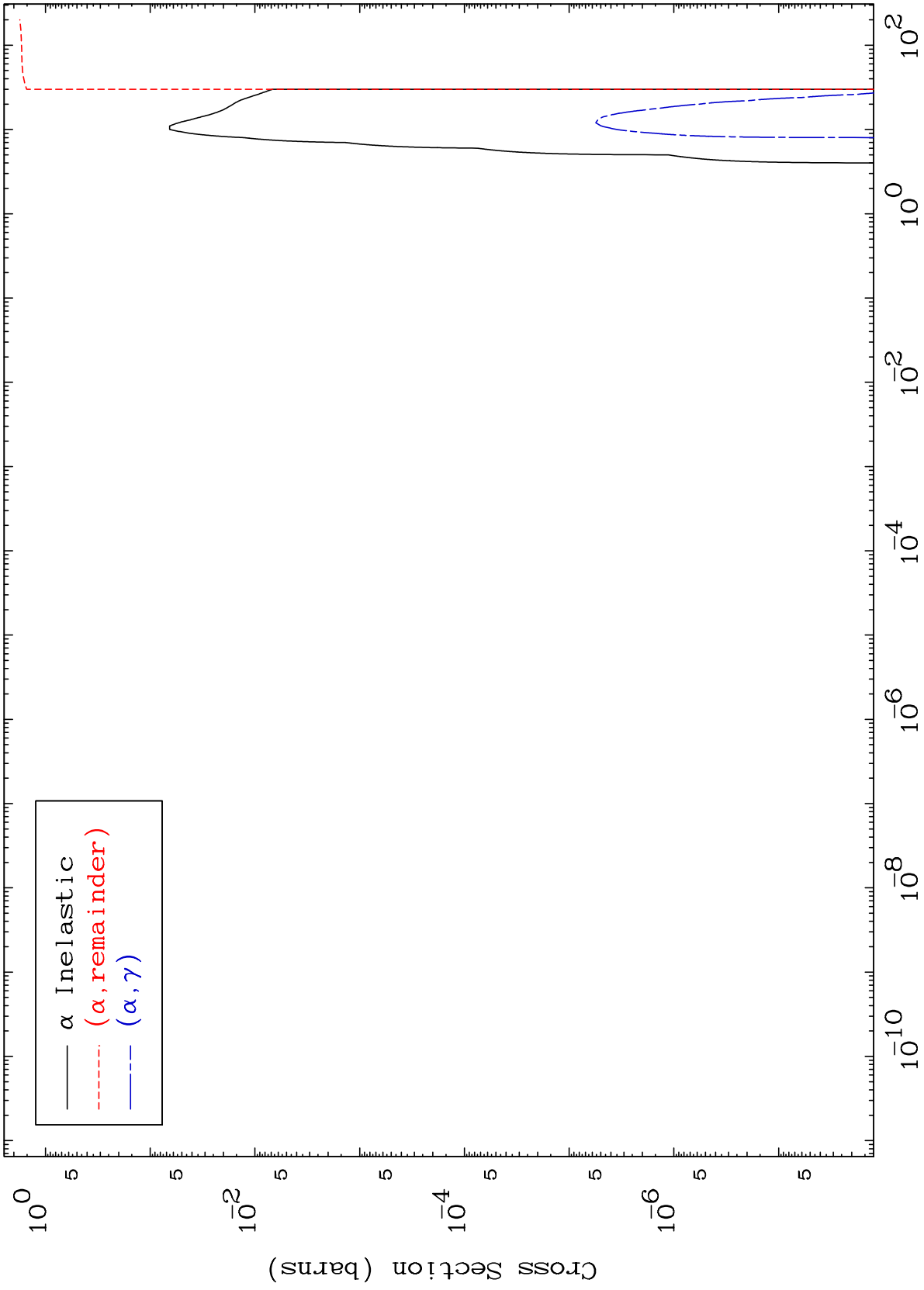
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3053

0 Kelvin α Major
Cross Sections

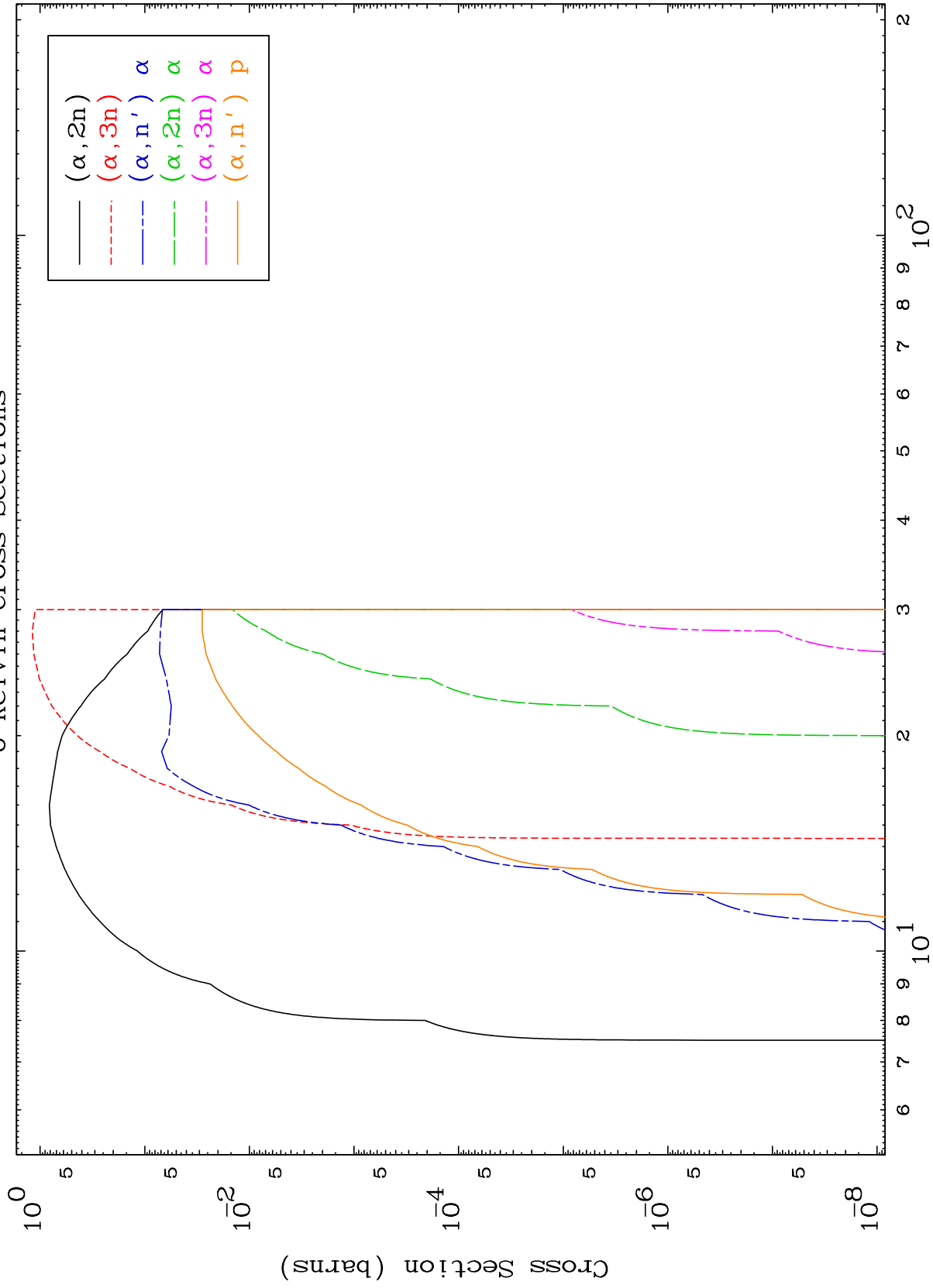
30-Zn-73



MAT 3053

α Neutron Production
0 Kelvin Cross Sections

30-Zn-73



2

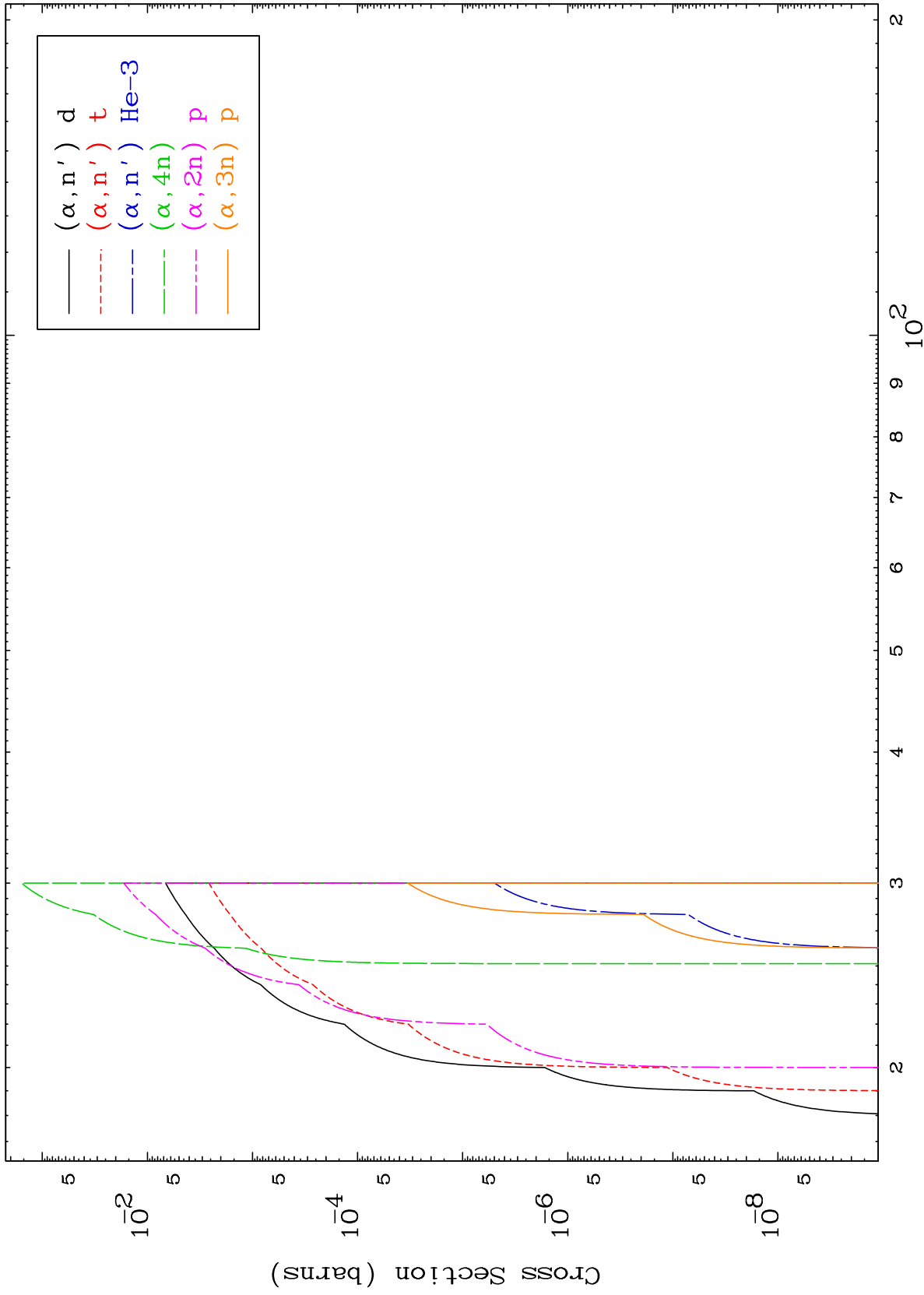
Incident Energy (MeV)

30-Zn-73

MAT 3053

α Neutron Production
0 Kelvin Cross Sections

30-Zn-73



3

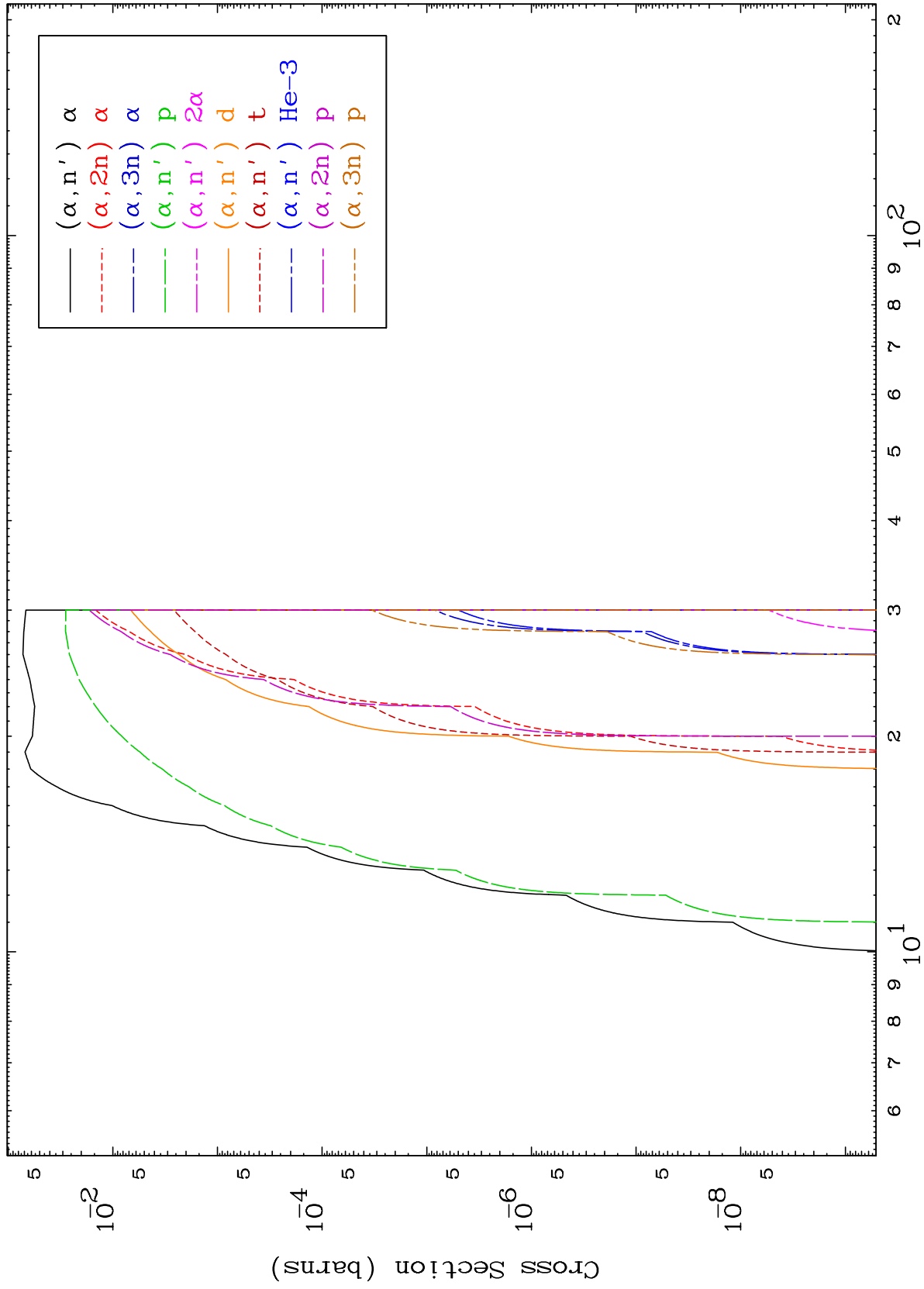
Incident Energy (MeV)

30-Zn-73

MAT 3053

α Charged Particle
0 Kelvin Cross Sections

30-Zn-73



4

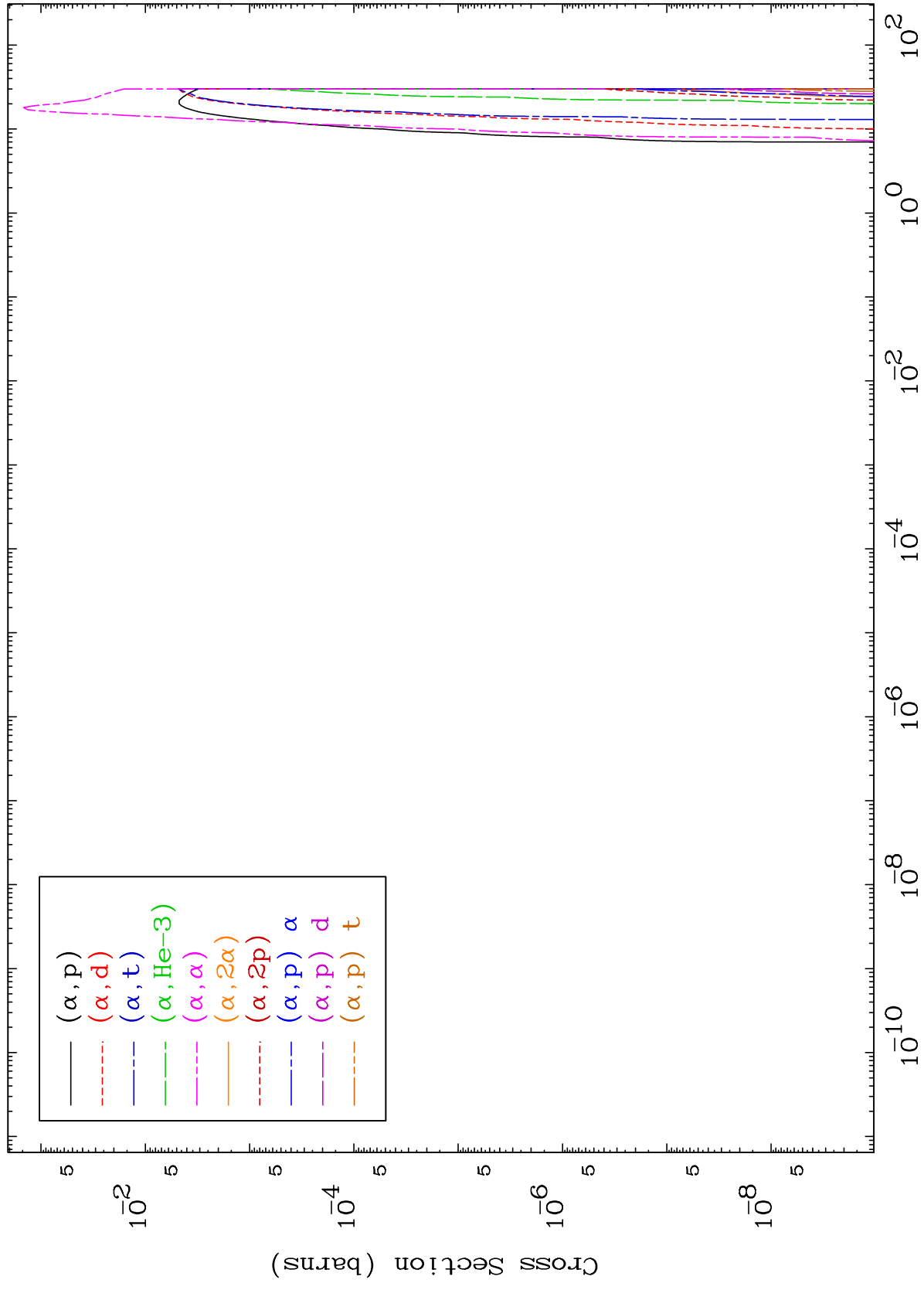
Incident Energy (MeV)

30-Zn-73

MAT 3053

α Charged Particle
0 Kelvin Cross Sections

30-Zn-73



5

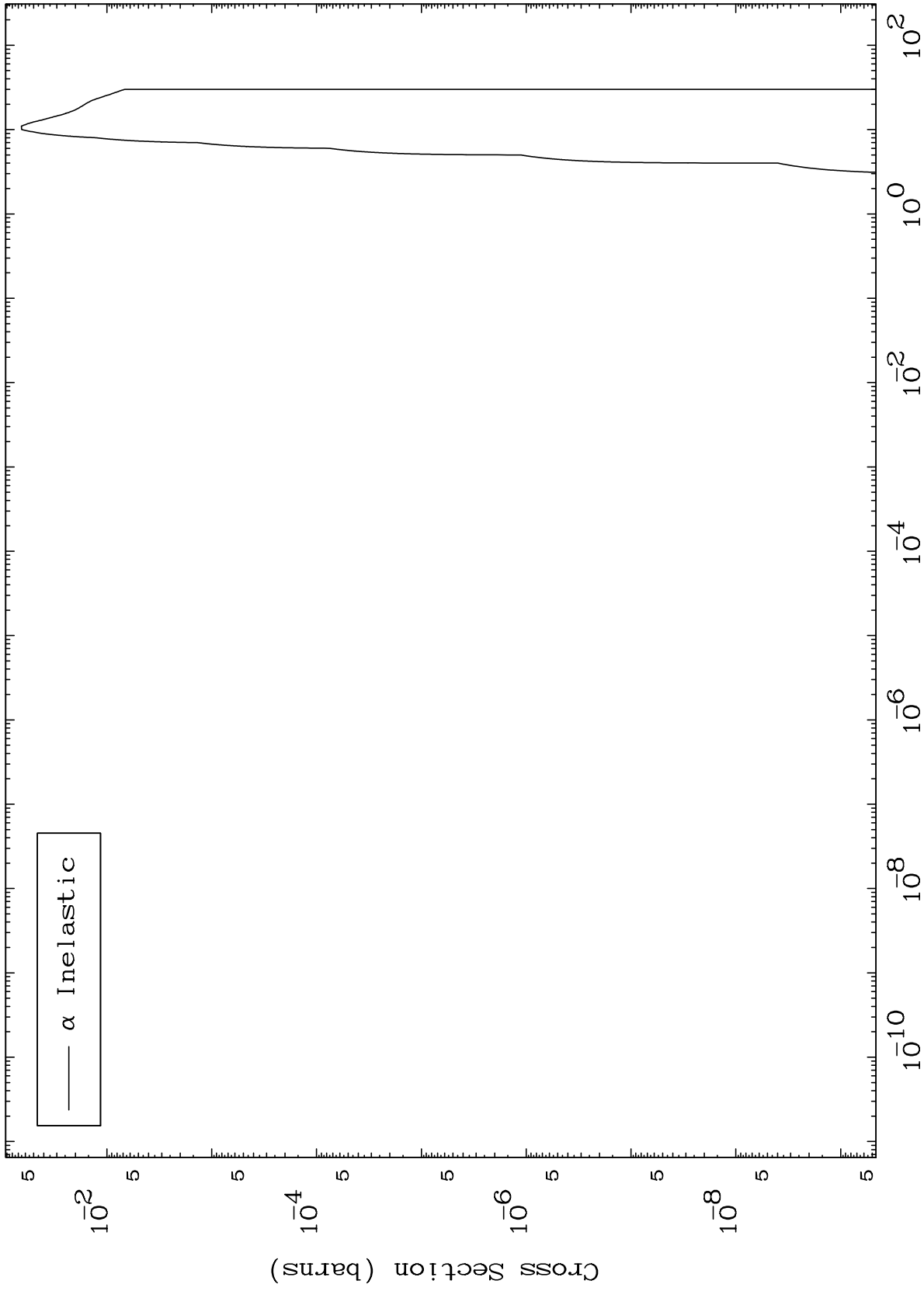
Incident Energy (MeV)

30-Zn-73

MAT 3053

(α, n') Level
0 Kelvin Cross Sections

30-Zn-73



6

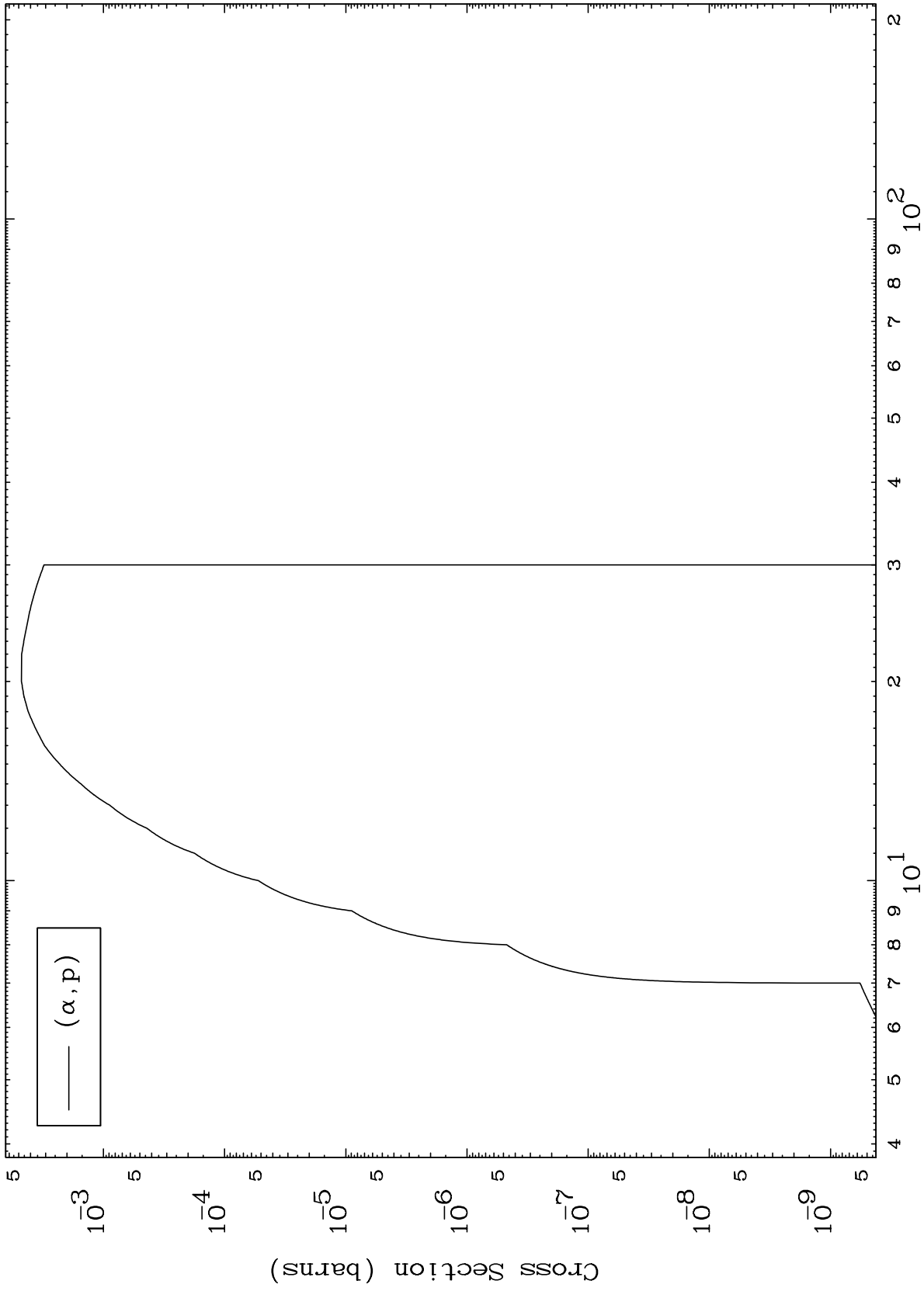
Incident Energy (MeV)

30-Zn-73

MAT 3053

(α, p) Levels
0 Kelvin Cross Sections

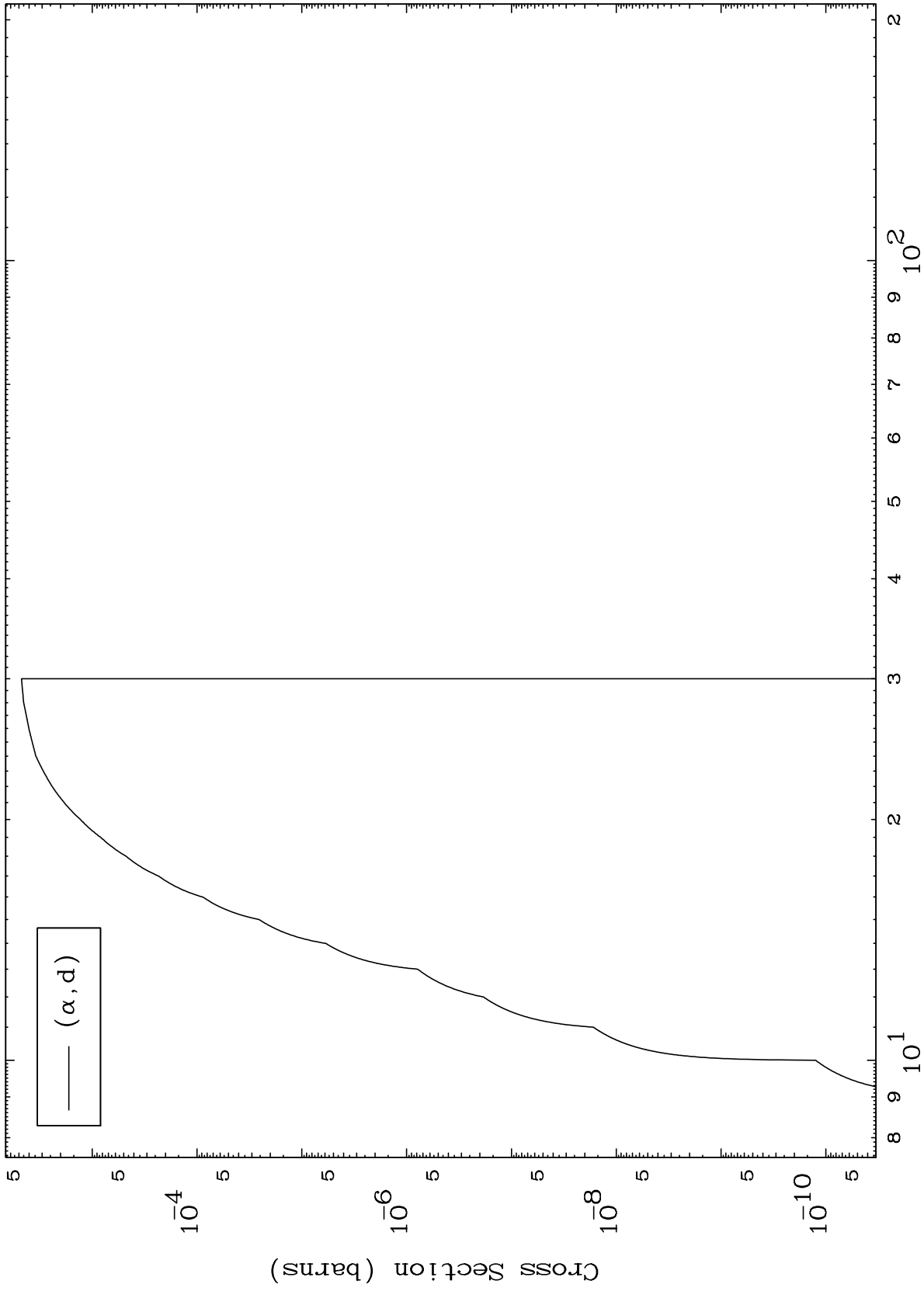
30-Zn-73



MAT 3053

(α, d) Levels
0 Kelvin Cross Sections

30-Zn-73



8

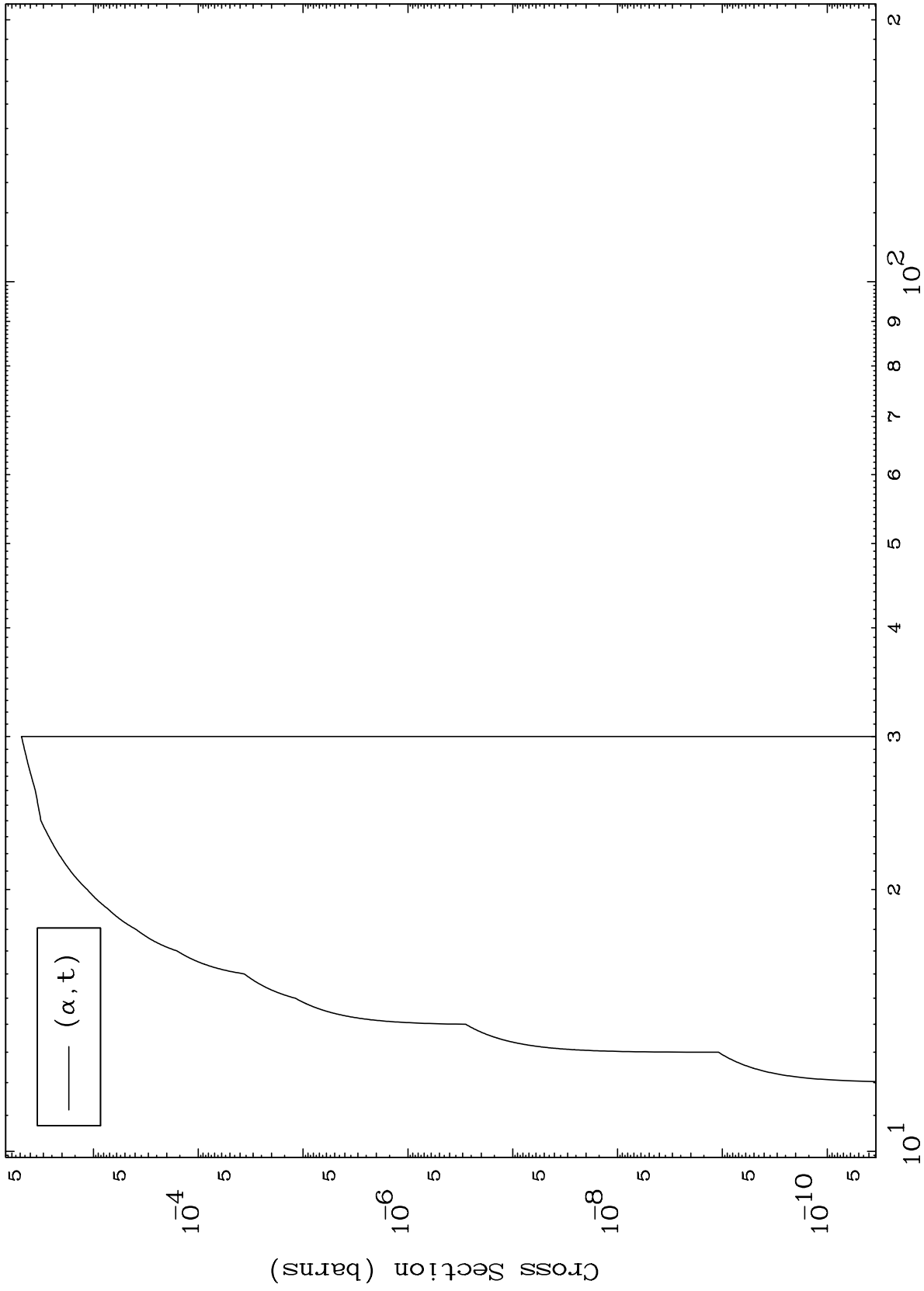
Incident Energy (MeV)

30-Zn-73

MAT 3053

(α, t) Levels
0 Kelvin Cross Sections

30-Zn-73



9

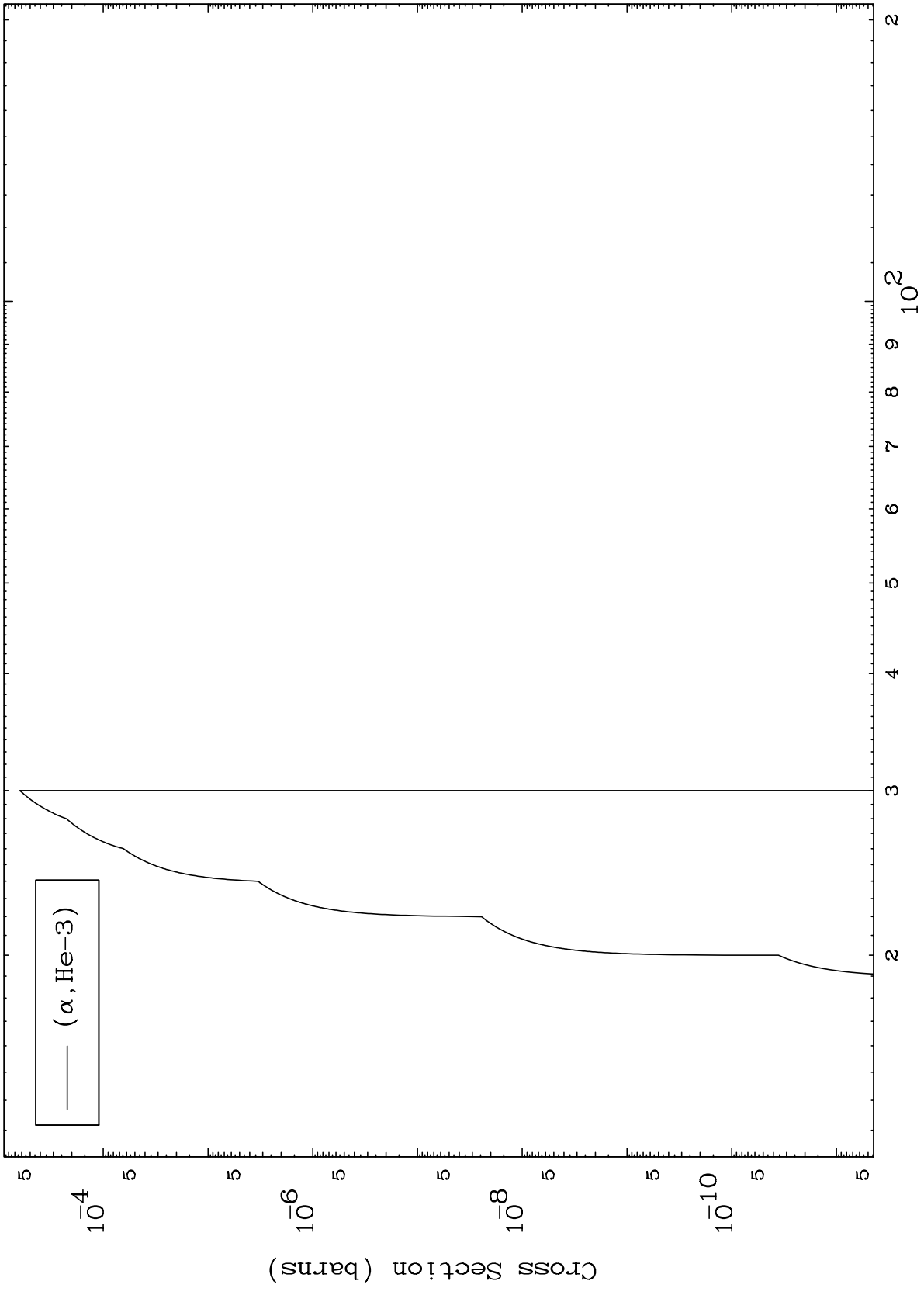
Incident Energy (MeV)

30-Zn-73

MAT 3053

(α , He3) Levels
0 Kelvin Cross Sections

30-Zn-73



10

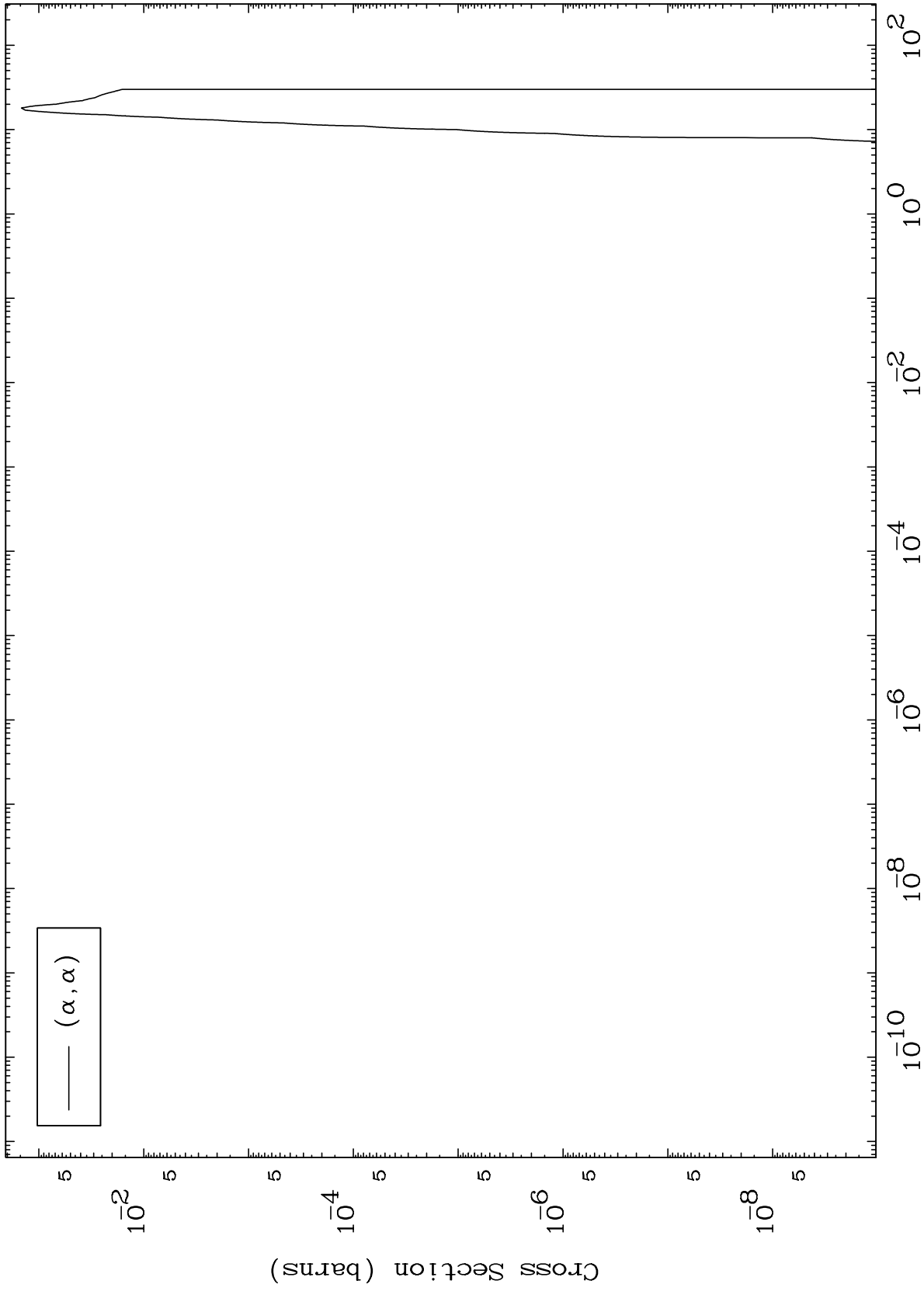
Incident Energy (MeV)

30-Zn-73

MAT 3053

(α, α) Levels
0 Kelvin Cross Sections

30-Zn-73



11

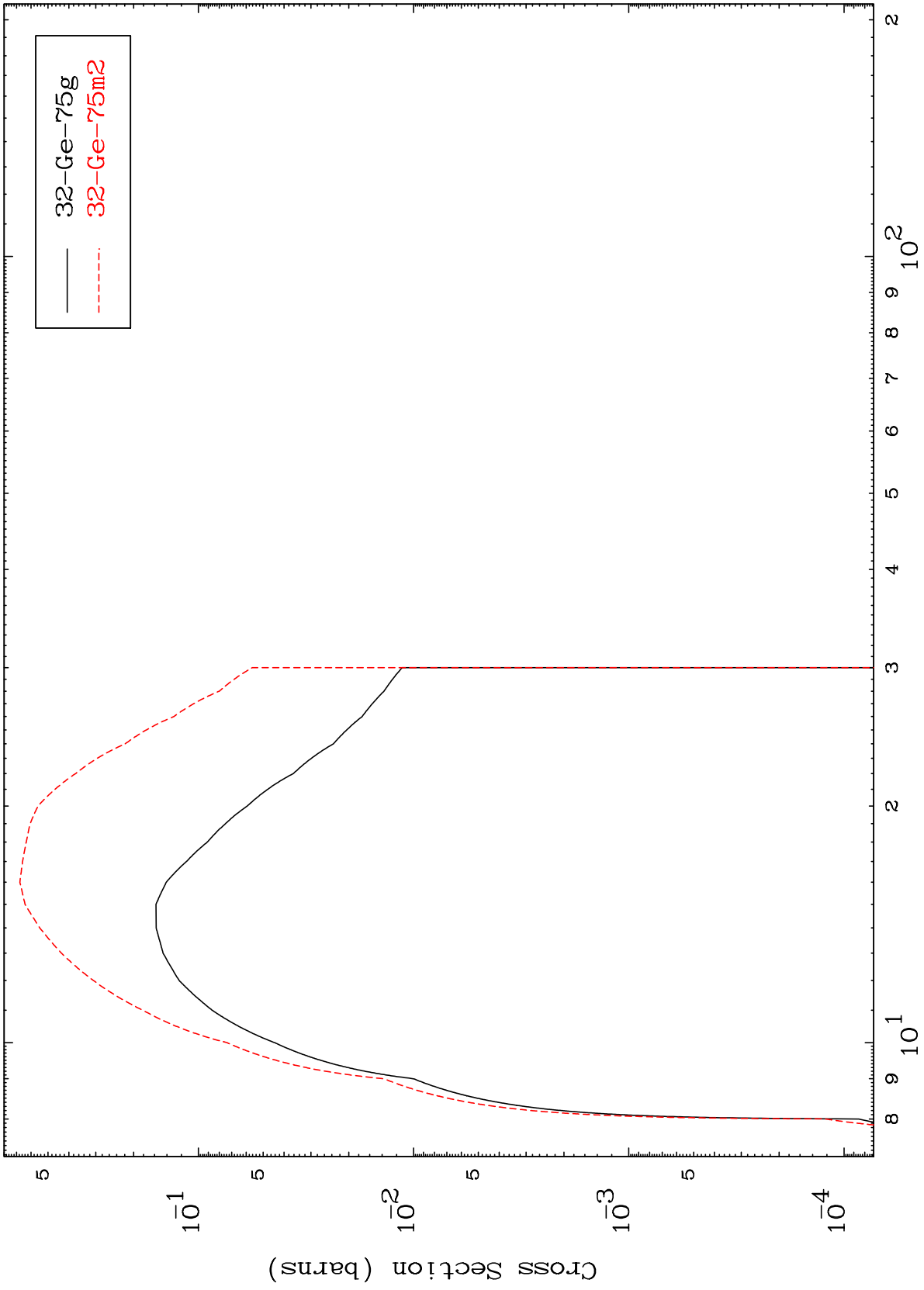
Incident Energy (MeV)

30-Zn-73

MAT 3053

30-Zn-73

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



12

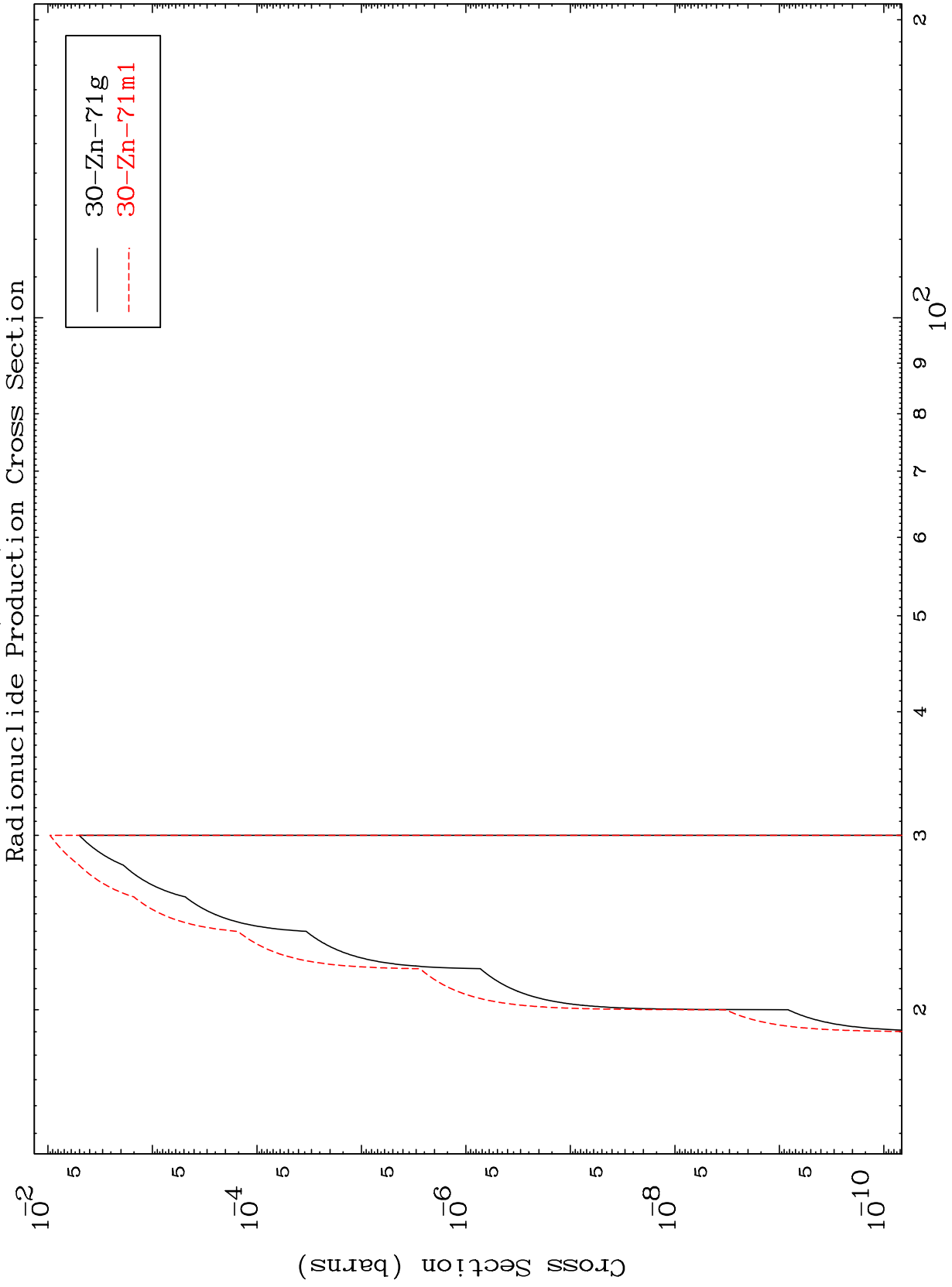
Incident Energy (MeV)

30-Zn-73

MAT 3053

($\alpha, 2n$) α

$^{30}\text{Zn-73}$



13

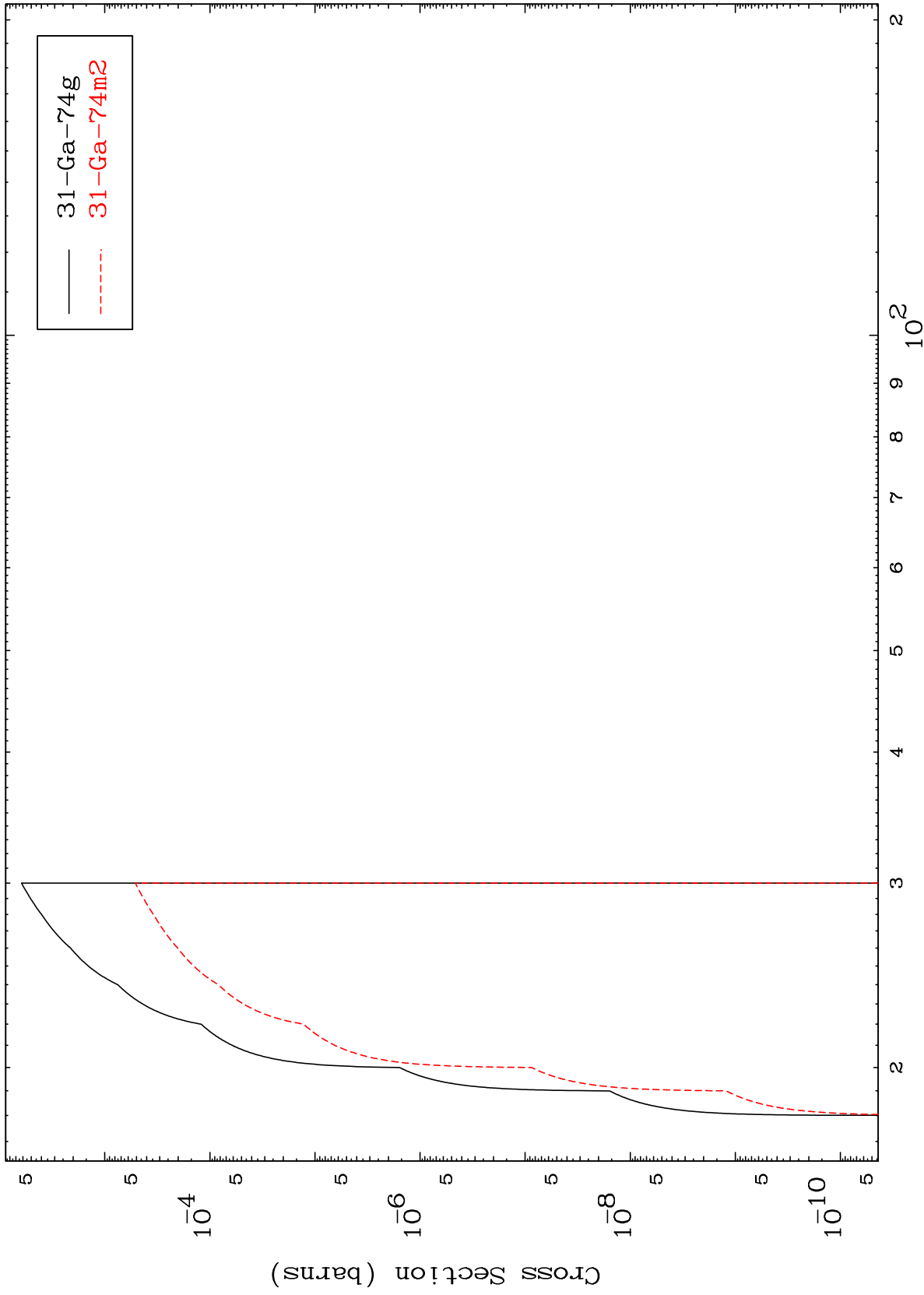
$^{30}\text{Zn-73}$

MAT 3053

(α, n') d

30-Zn-73

Radionuclide Production Cross Section



14

Incident Energy (MeV)

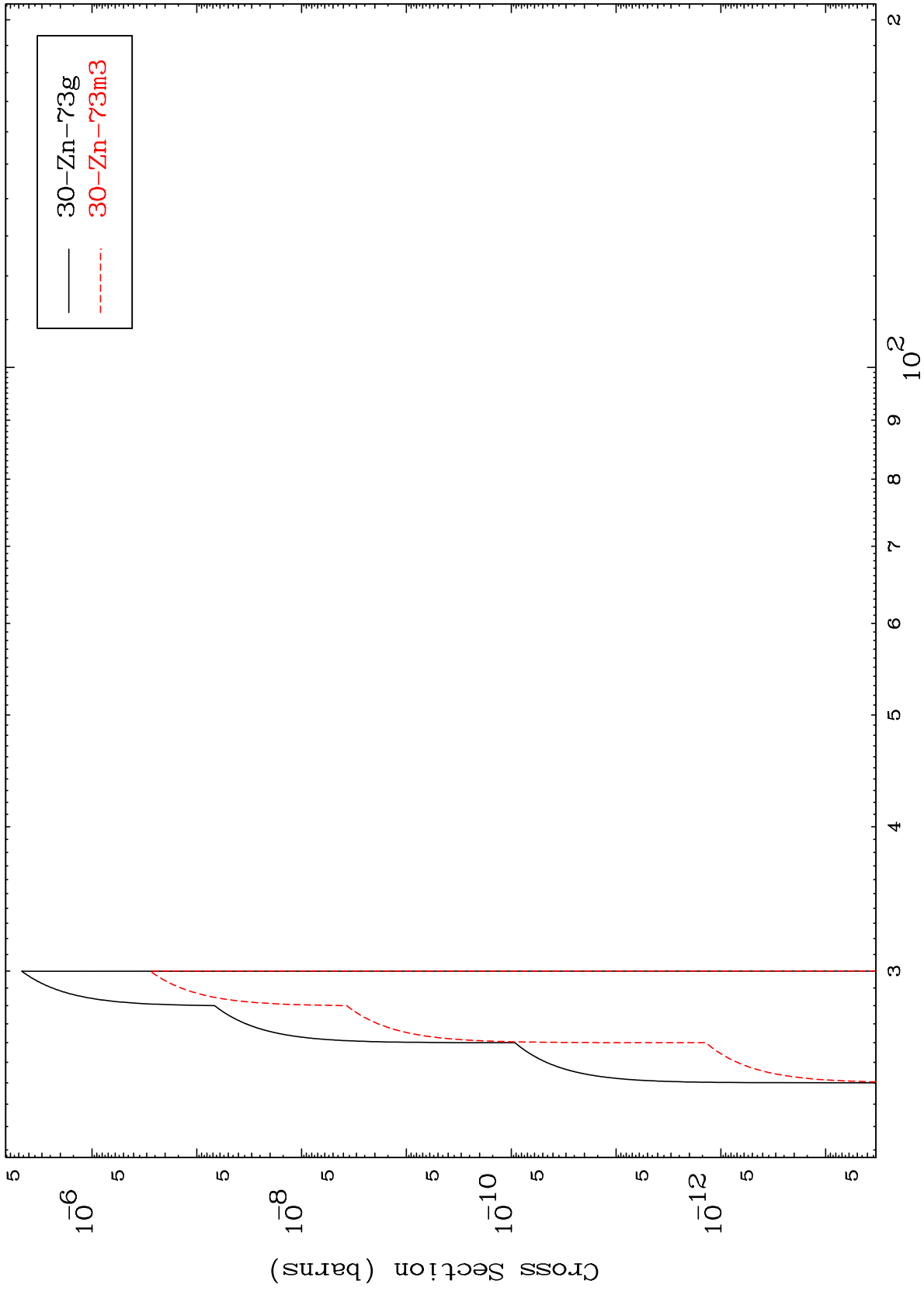
30-Zn-73

MAT 3053

(α, n') He-3

³⁰Zn-73

Radionuclide Production Cross Section



15

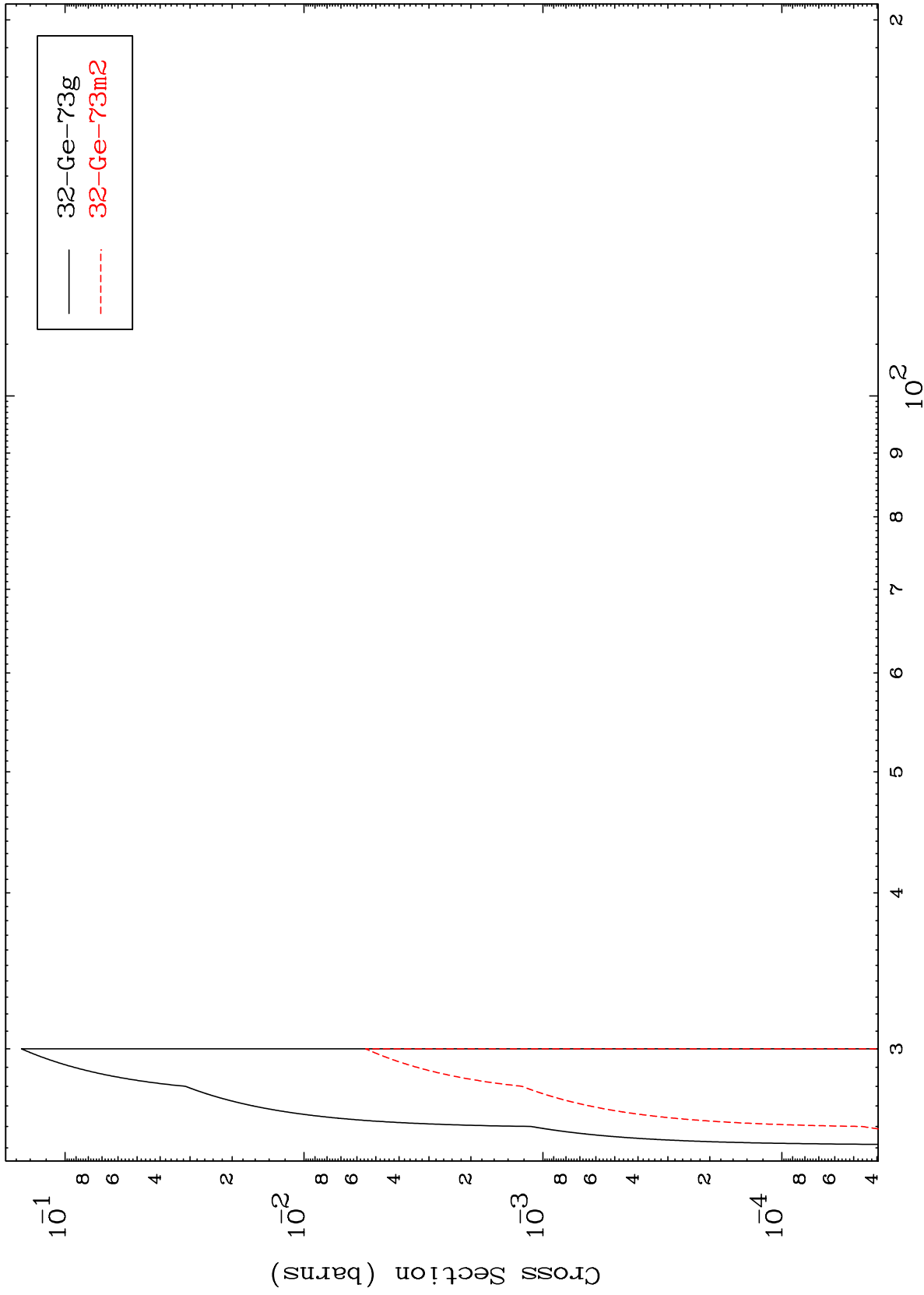
Incident Energy (MeV)

³⁰Zn-73

MAT 3053

30-Zn-73

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



16

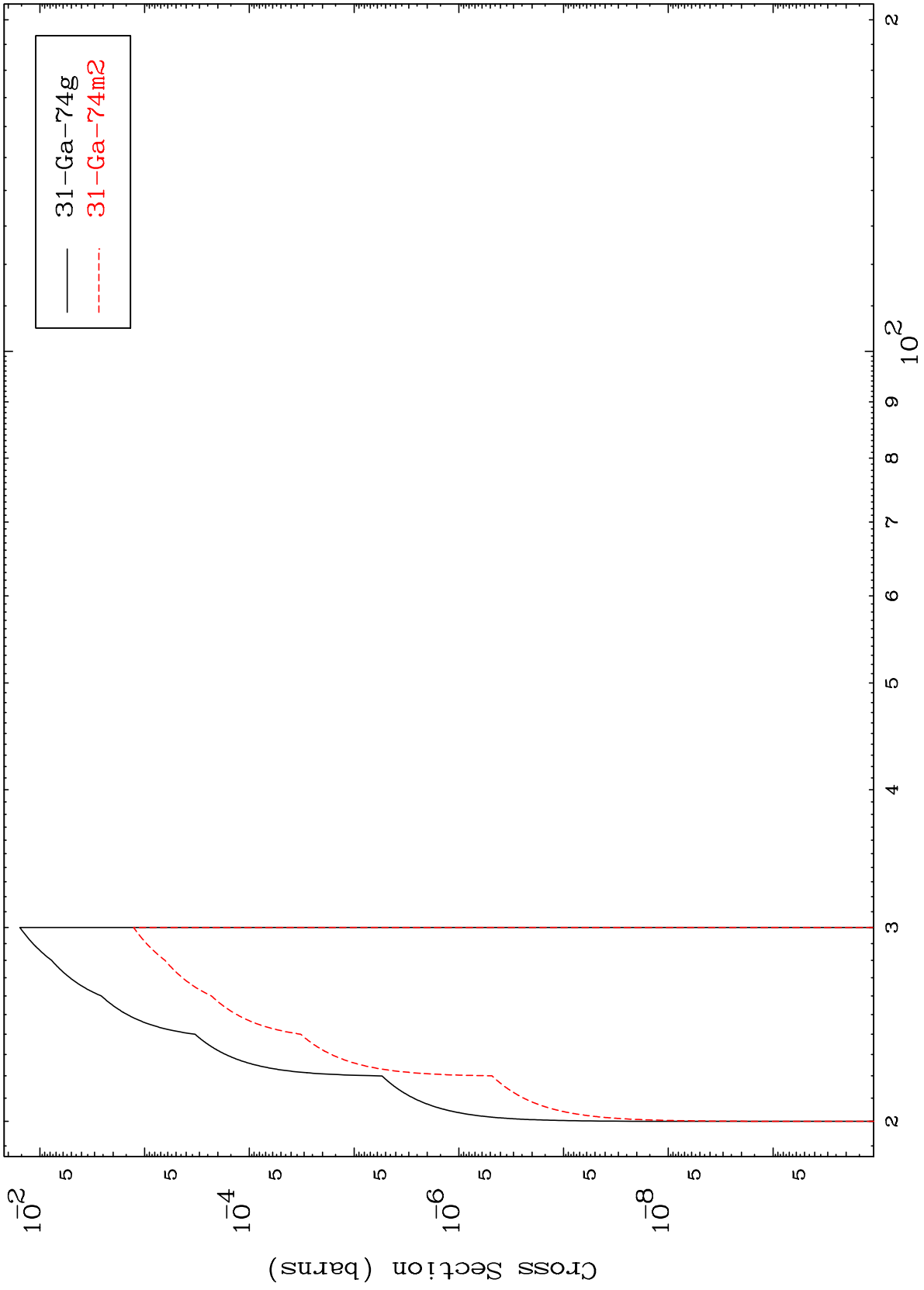
30-Zn-73

MAT 3053

($\alpha, 2n$) p

30-Zn-73

Radionuclide Production Cross Section



17

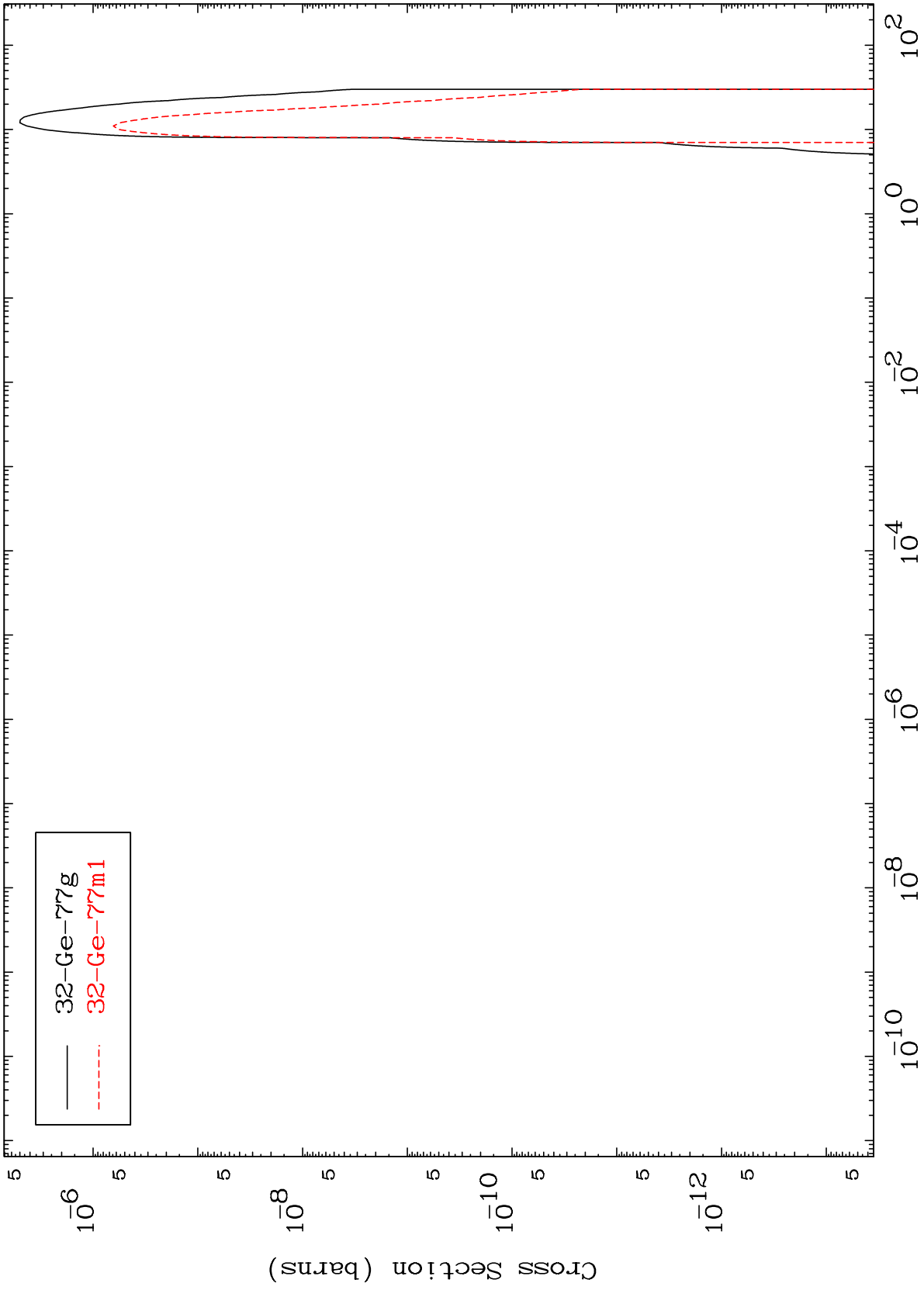
Incident Energy (MeV)

30-Zn-73

MAT 3053

(α, γ)
Radionuclide Production Cross Section

$^{30}\text{Zn-73}$

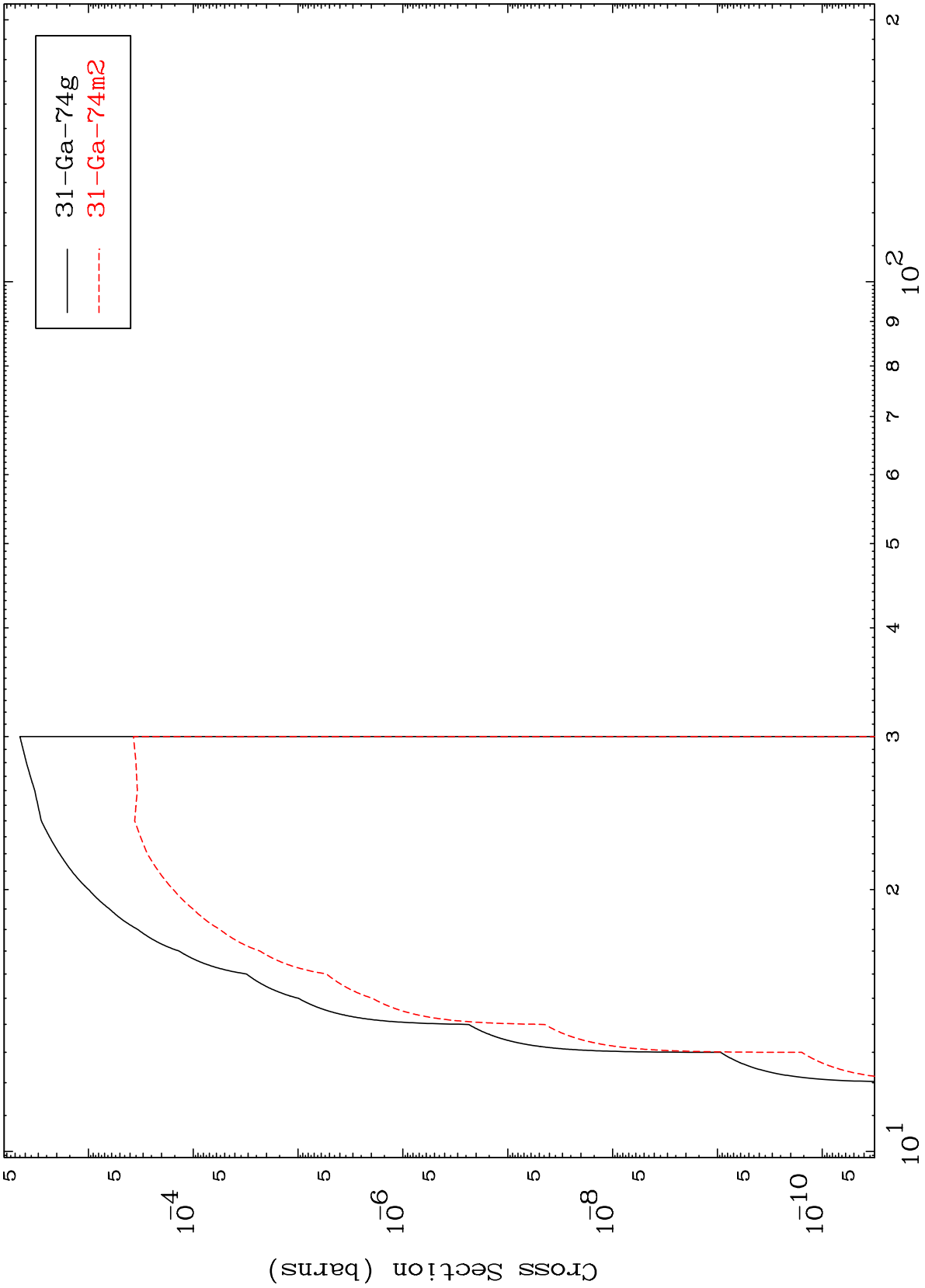


MAT 3053

(α, t)

$^{30}\text{Zn-73}$

Radionuclide Production Cross Section



$^{30}\text{Zn-73}$

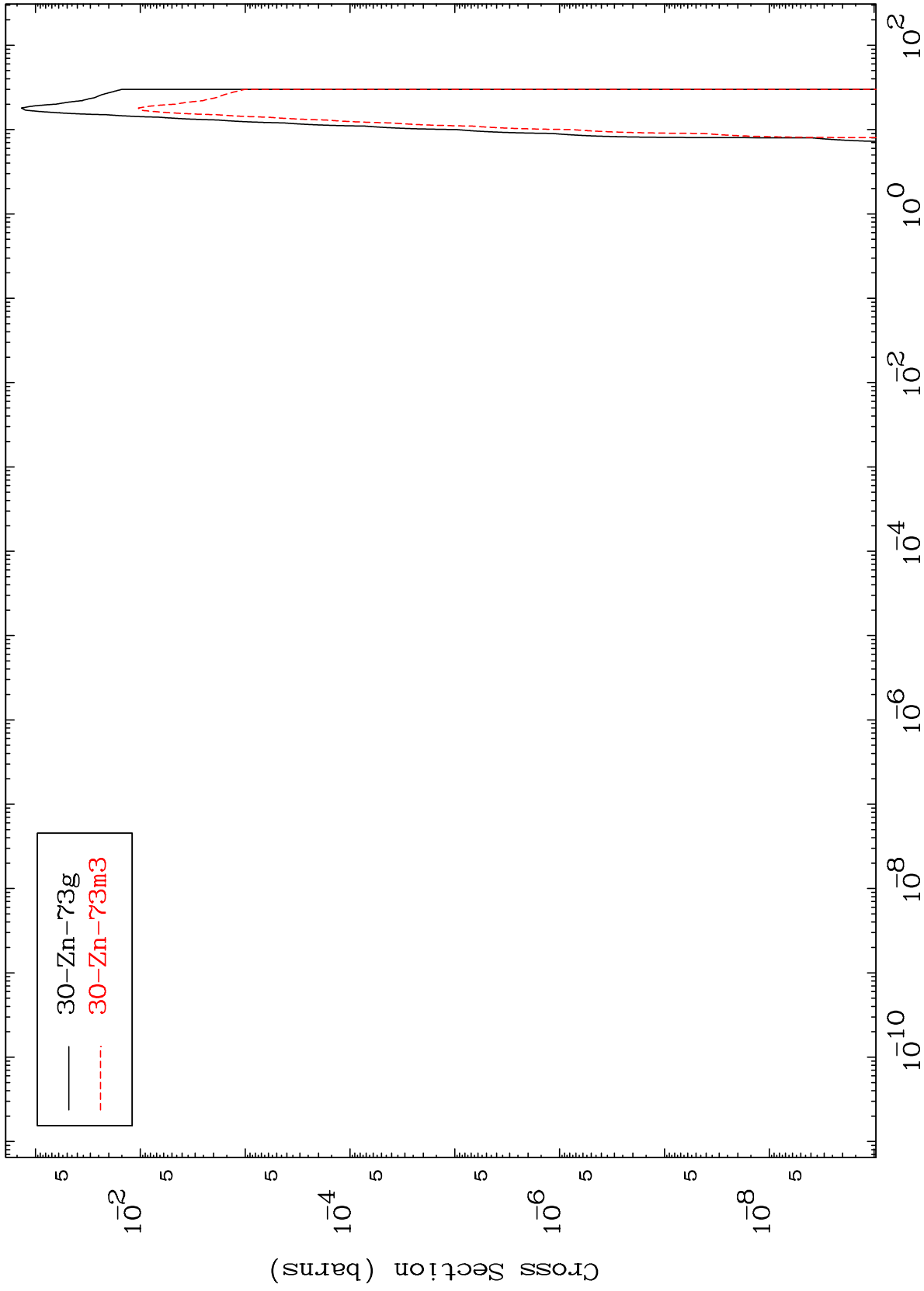
Incident Energy (MeV)

19

MAT 3053

30-Zn-73

Radionuclide Production Cross Section



20

Incident Energy (MeV)

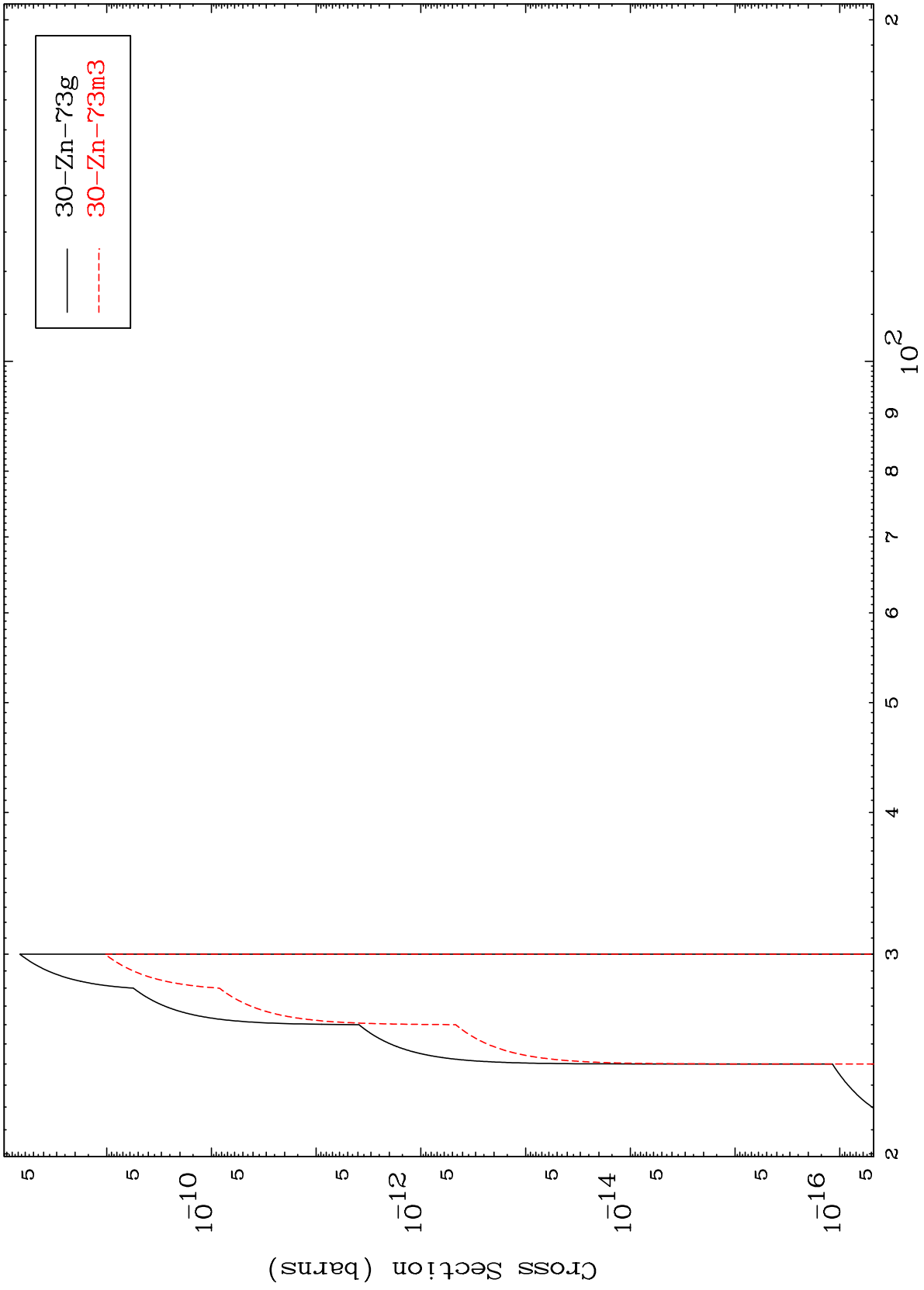
30-Zn-73

MAT 3053

(α, p) t

$^{30}\text{Zn-73}$

Radionuclide Production Cross Section



21

$^{30}\text{Zn-73}$