

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

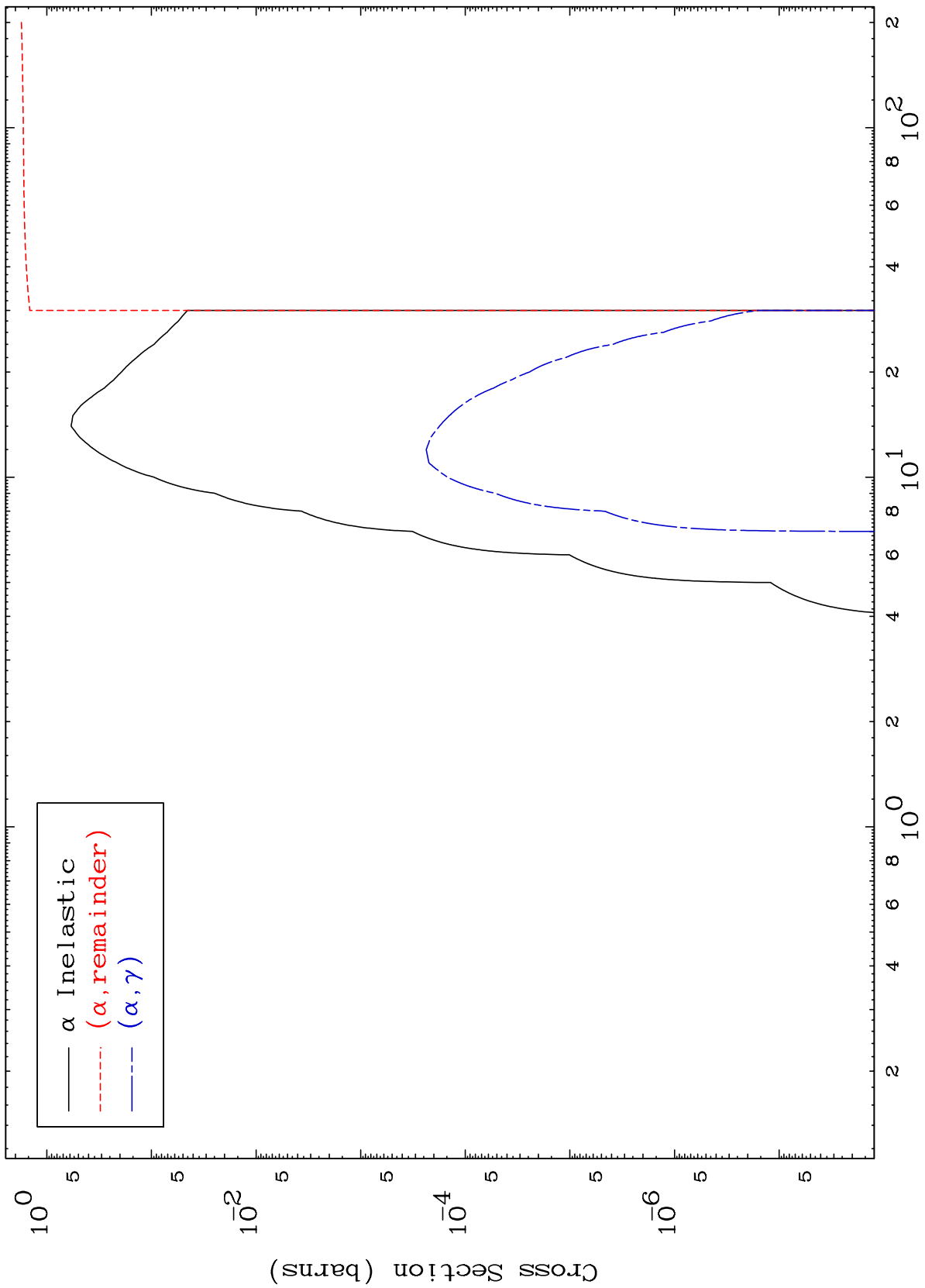
Press Mouse Button to Start

MAT 3234

α Major

$^{32}\text{Ge-73}$

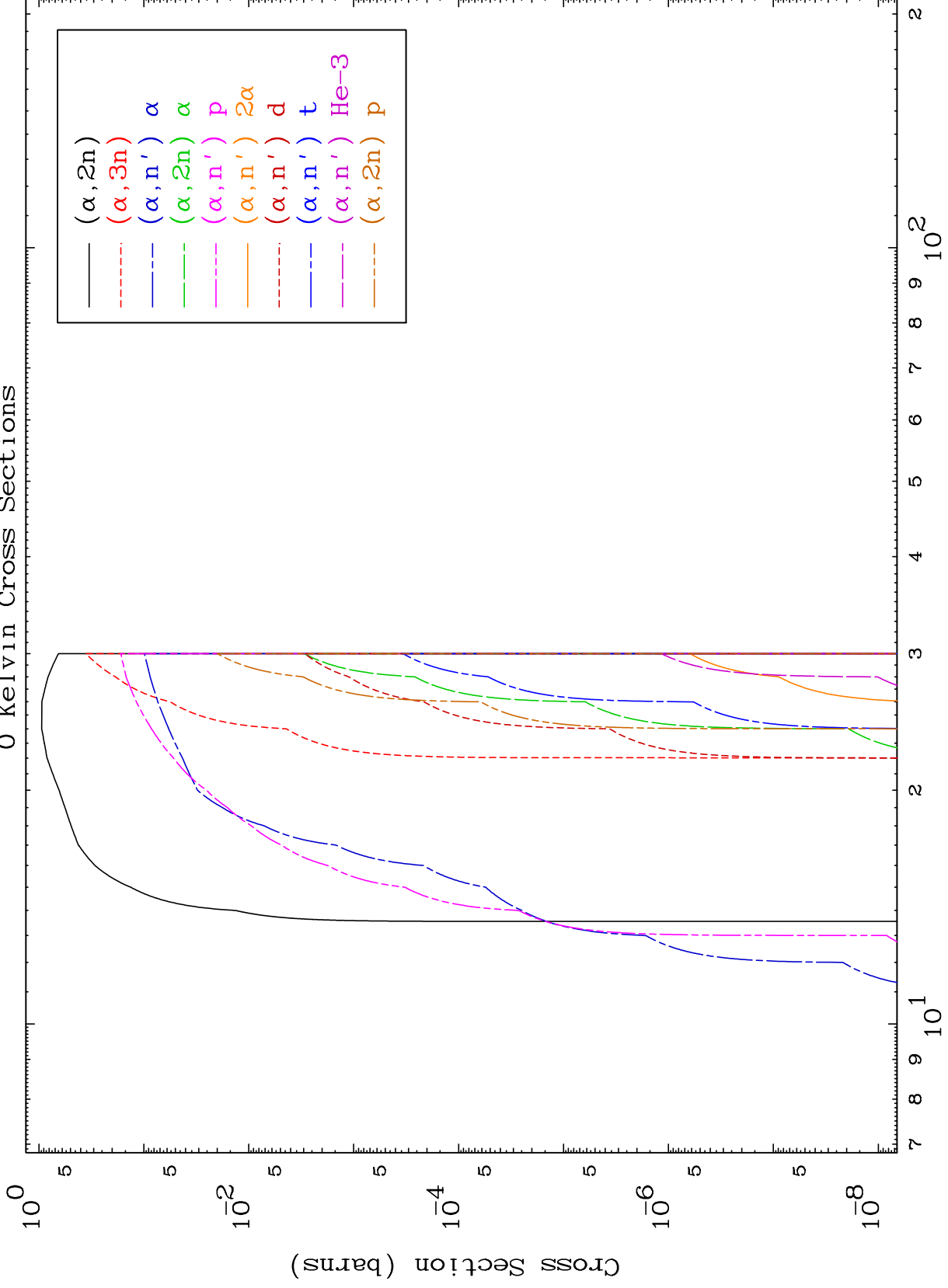
0 Kelvin Cross Sections



MAT 3234

α Neutron Production
0 Kelvin Cross Sections

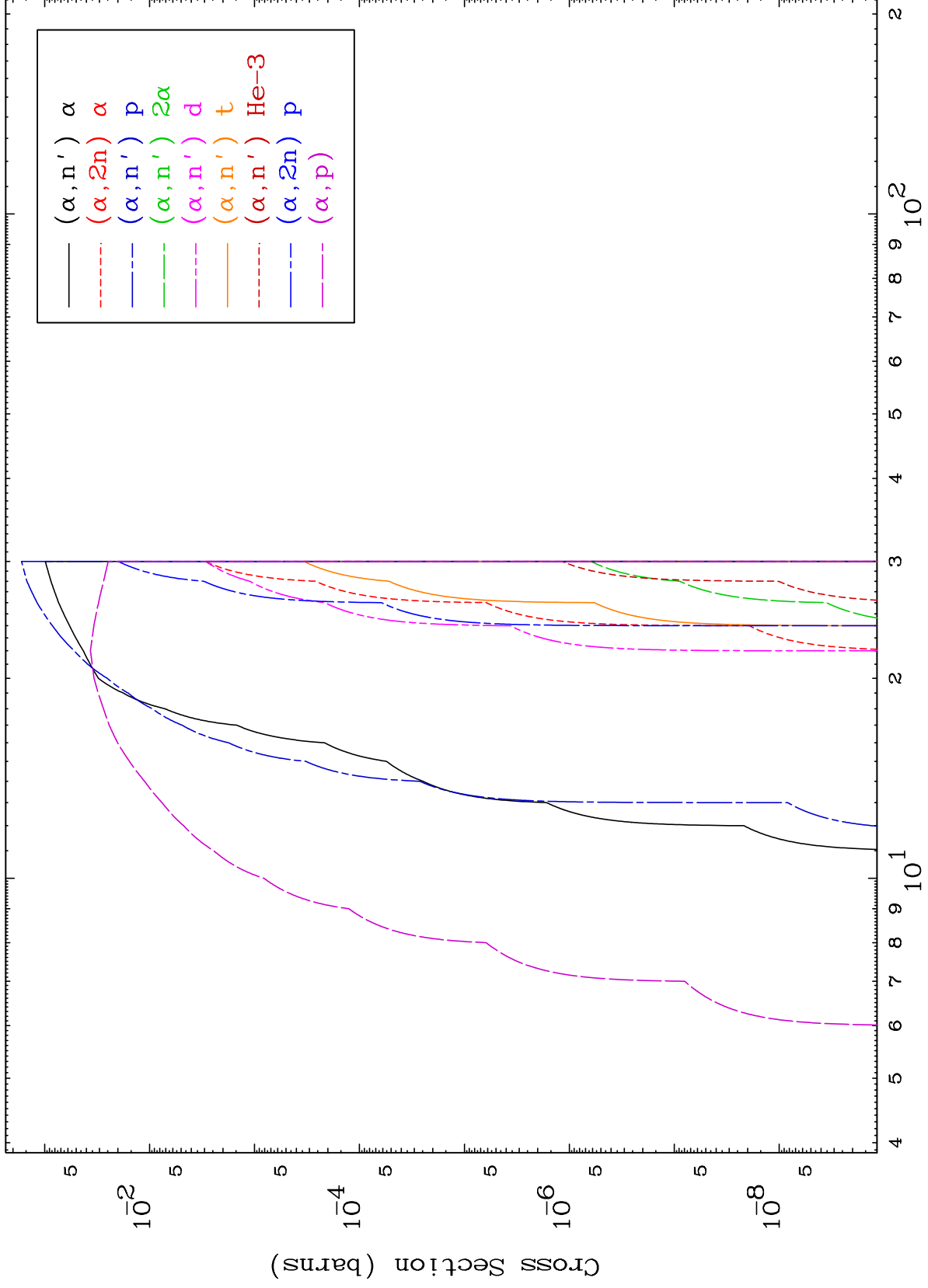
$^{32}\text{Ge-73}$



2

Incident Energy (MeV)

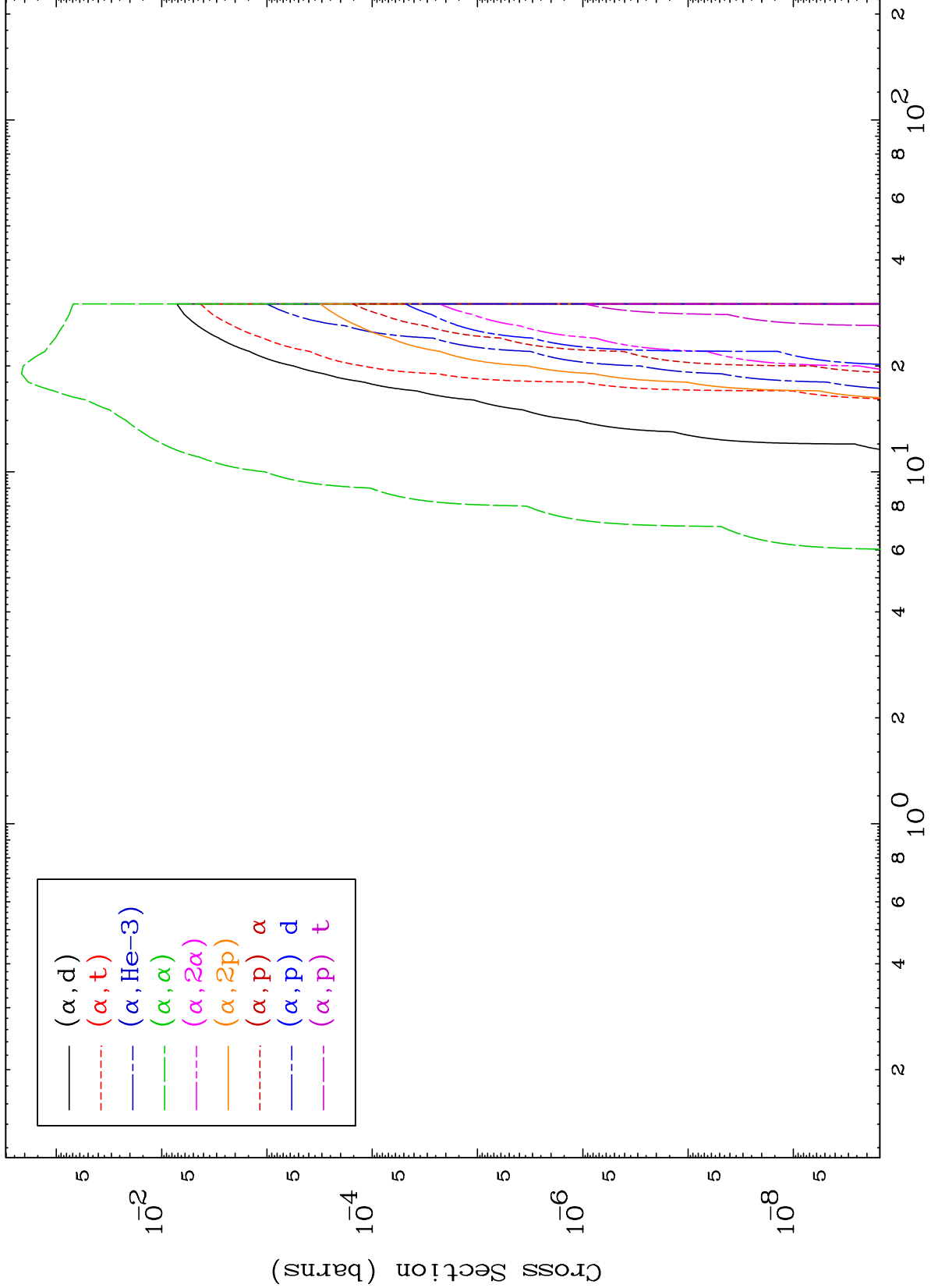
$^{32}\text{Ge-73}$



MAT 3234

α Charged Particle
0 Kelvin Cross Sections

$^{32}\text{Ge-73}$



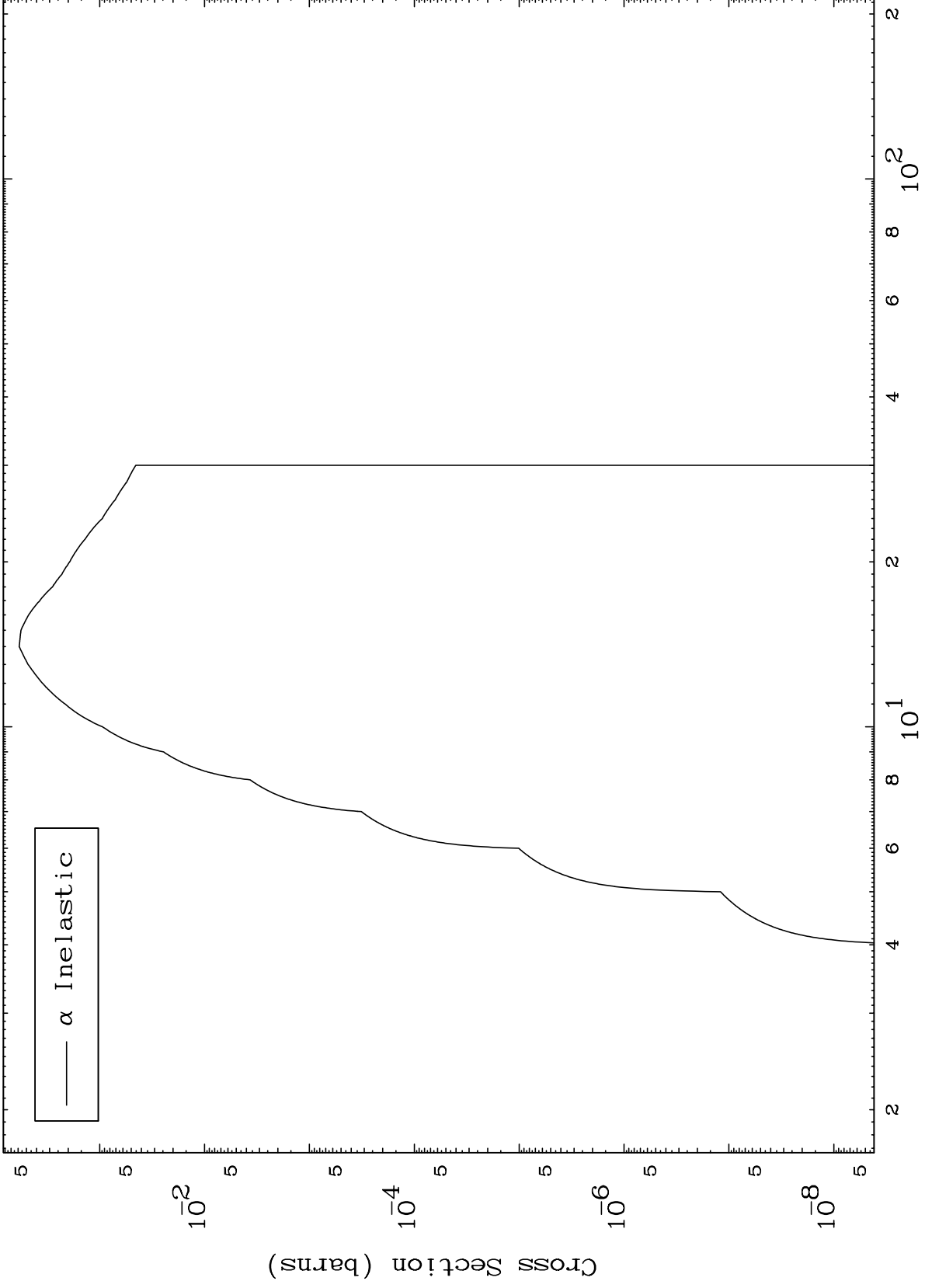
$^{32}\text{Ge-73}$

MAT 3234

(α, n') Level

$^{32}\text{Ge-73}$

0 Kelvin Cross Sections



α Inelastic

5

Incident Energy (MeV)

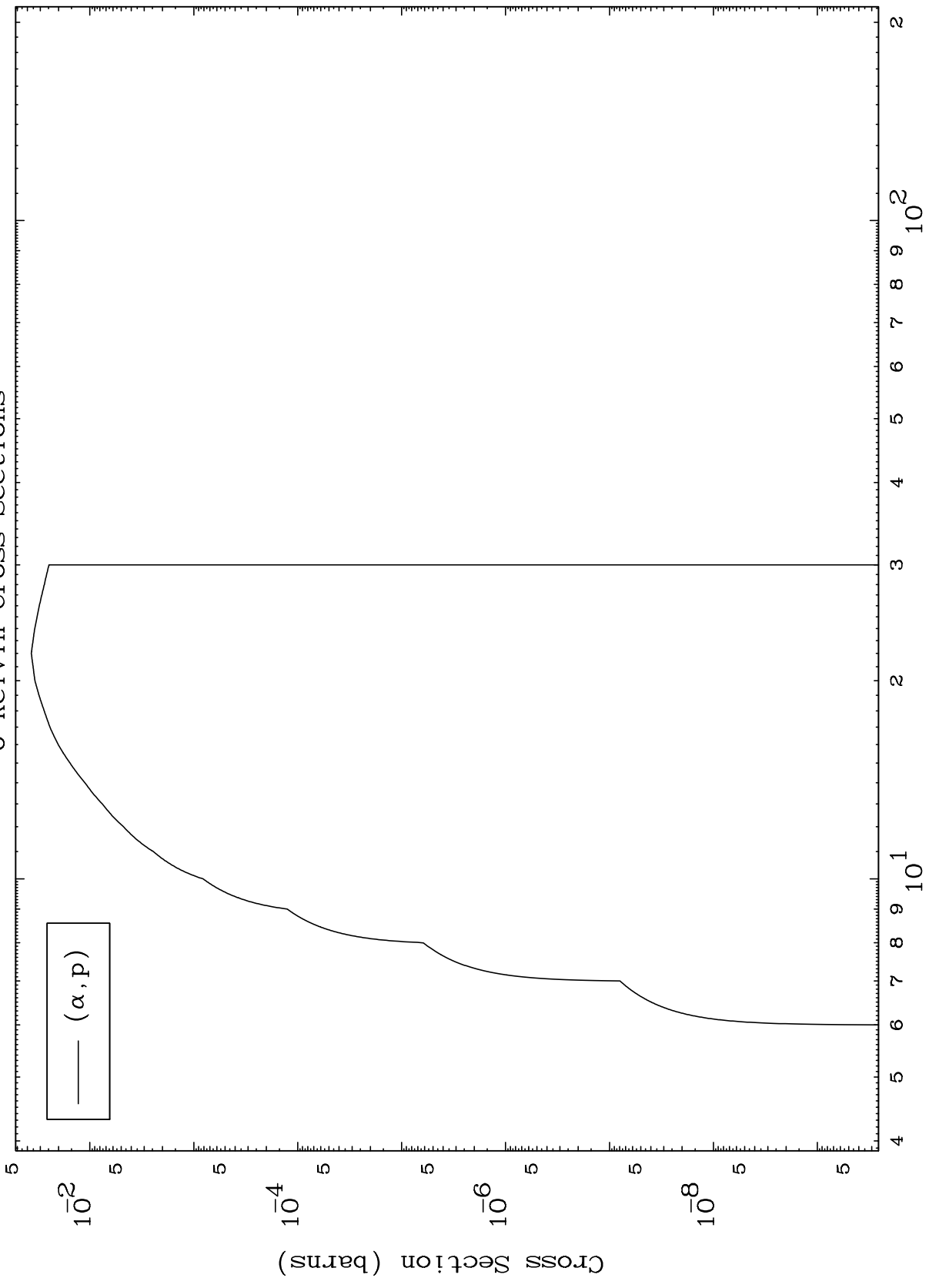
$^{32}\text{Ge-73}$

MAT 3234

(α, p) Levels

$^{32}\text{Ge-73}$

0 Kelvin Cross Sections



Incident Energy (MeV)

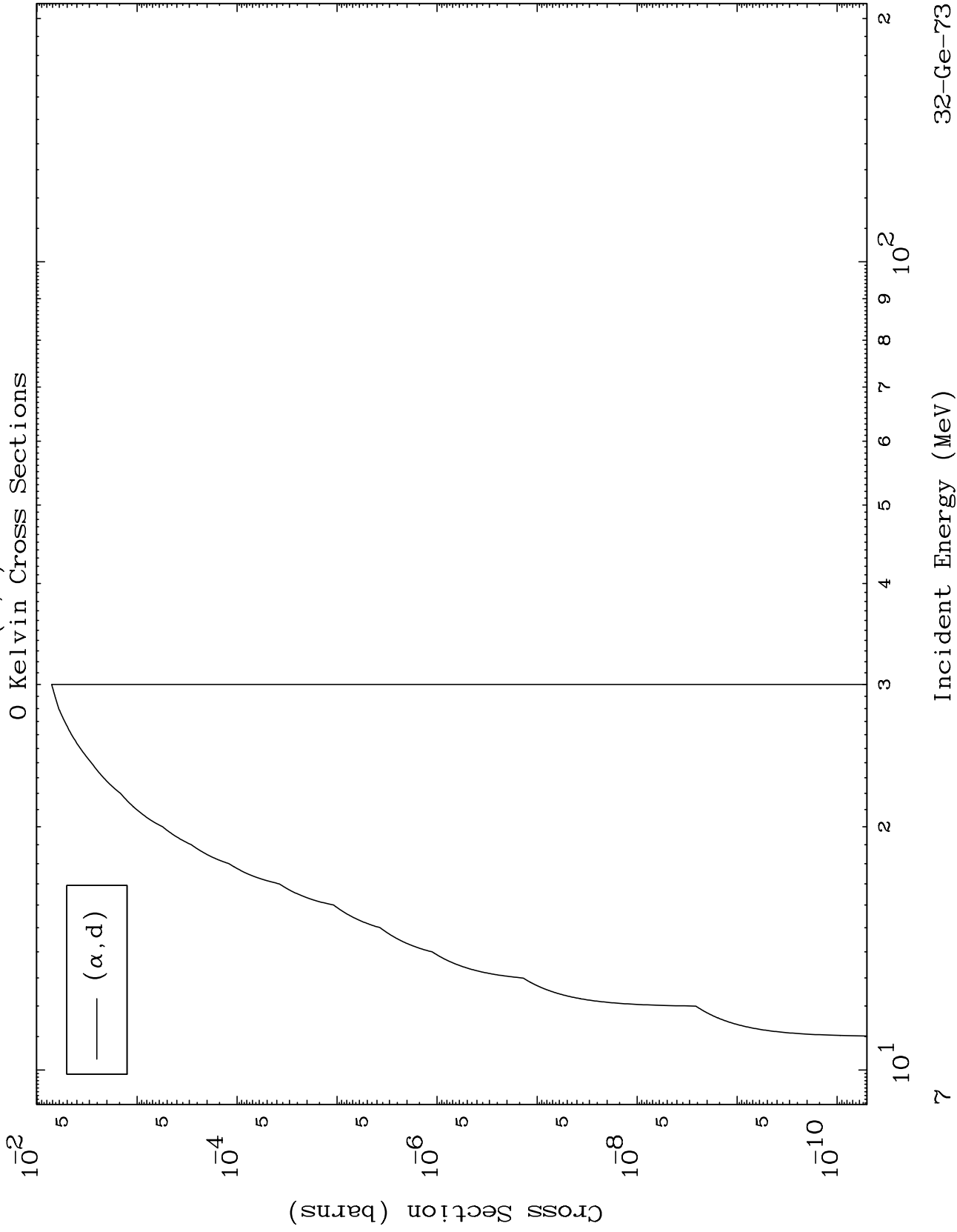
$^{32}\text{Ge-73}$

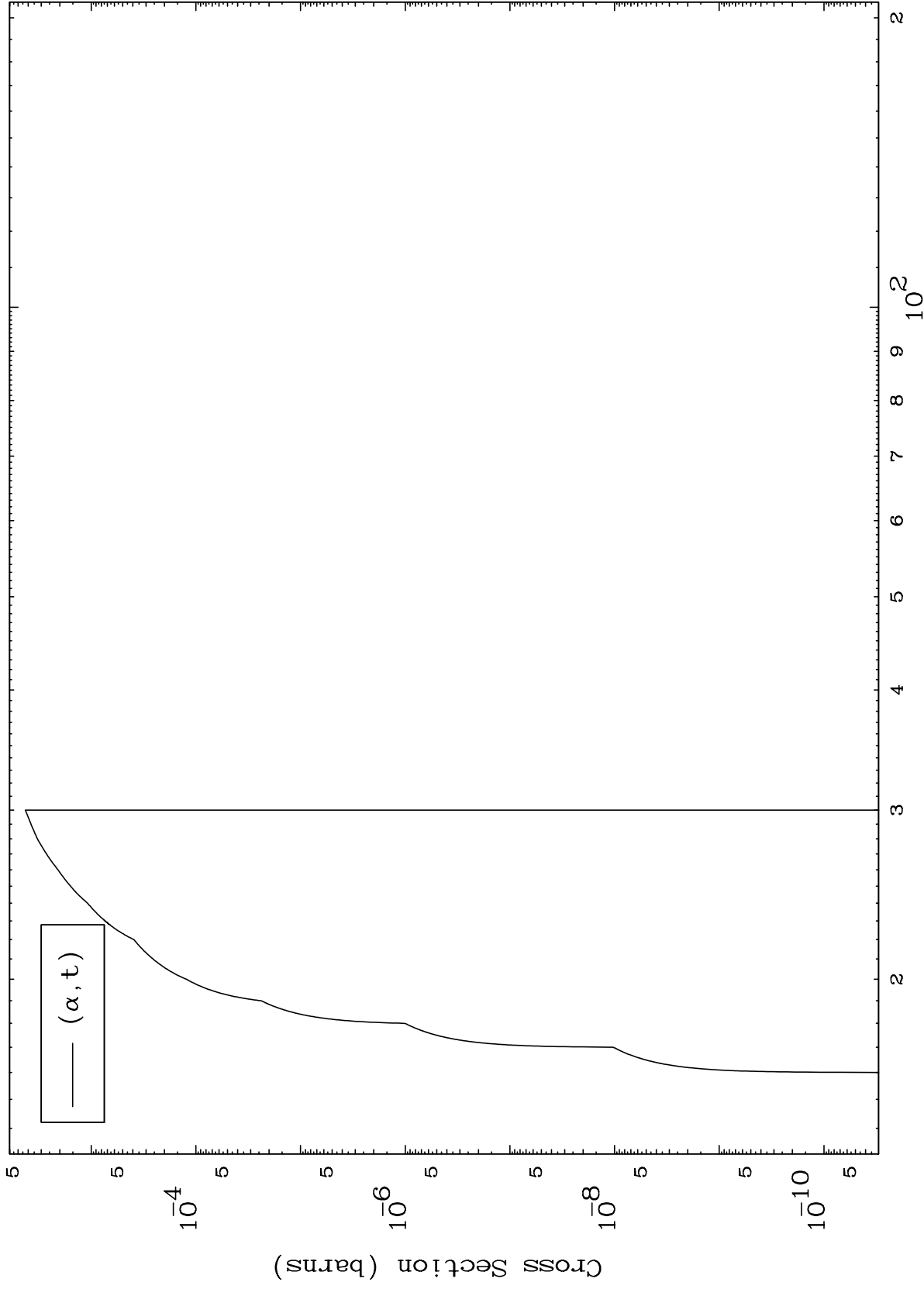
6

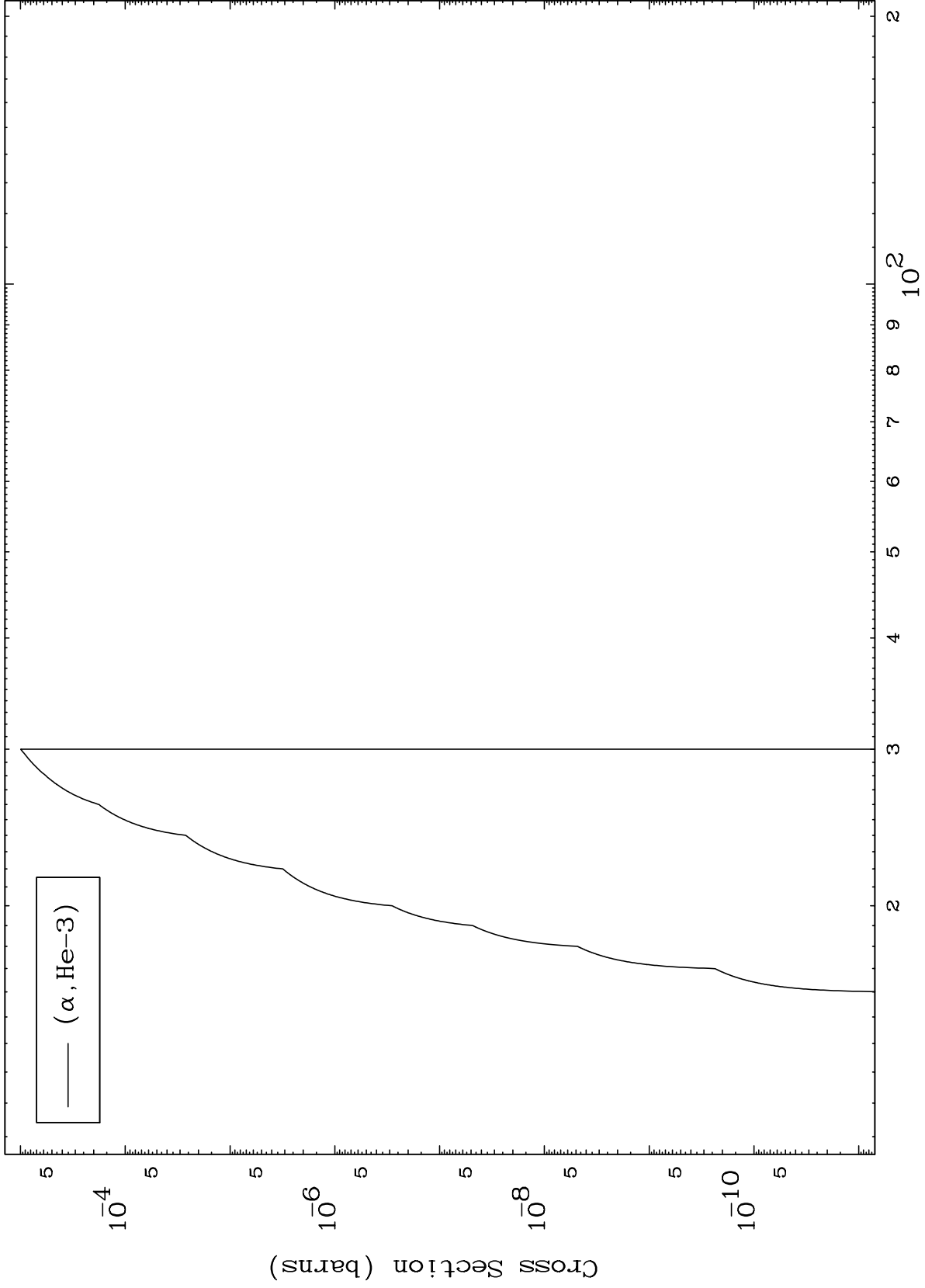
MAT 3234

(α, d) Levels

$^{32}\text{Ge-73}$





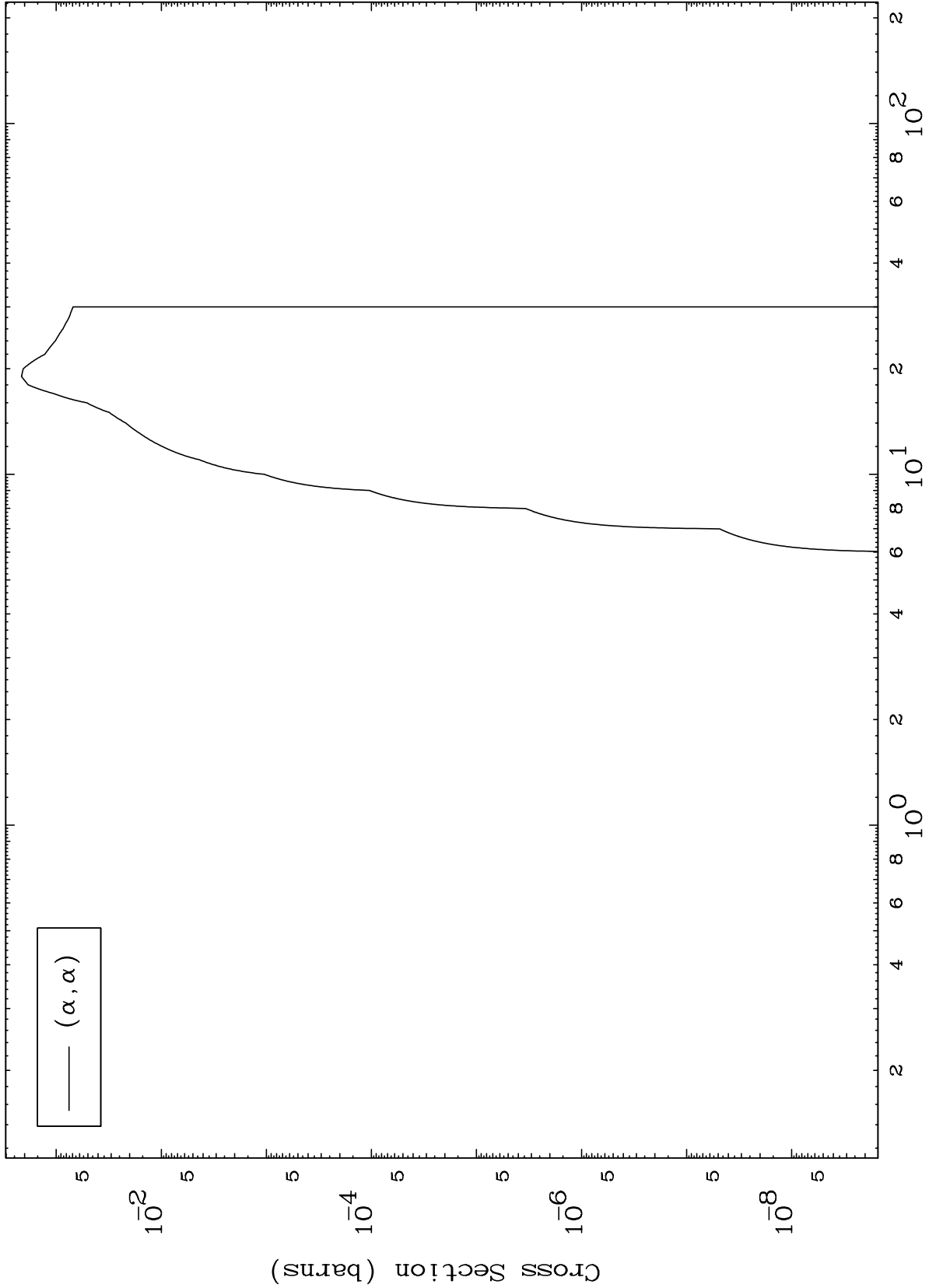


MAT 3234

(α, α) Levels

$^{32}\text{Ge-73}$

0 Kelvin Cross Sections



10

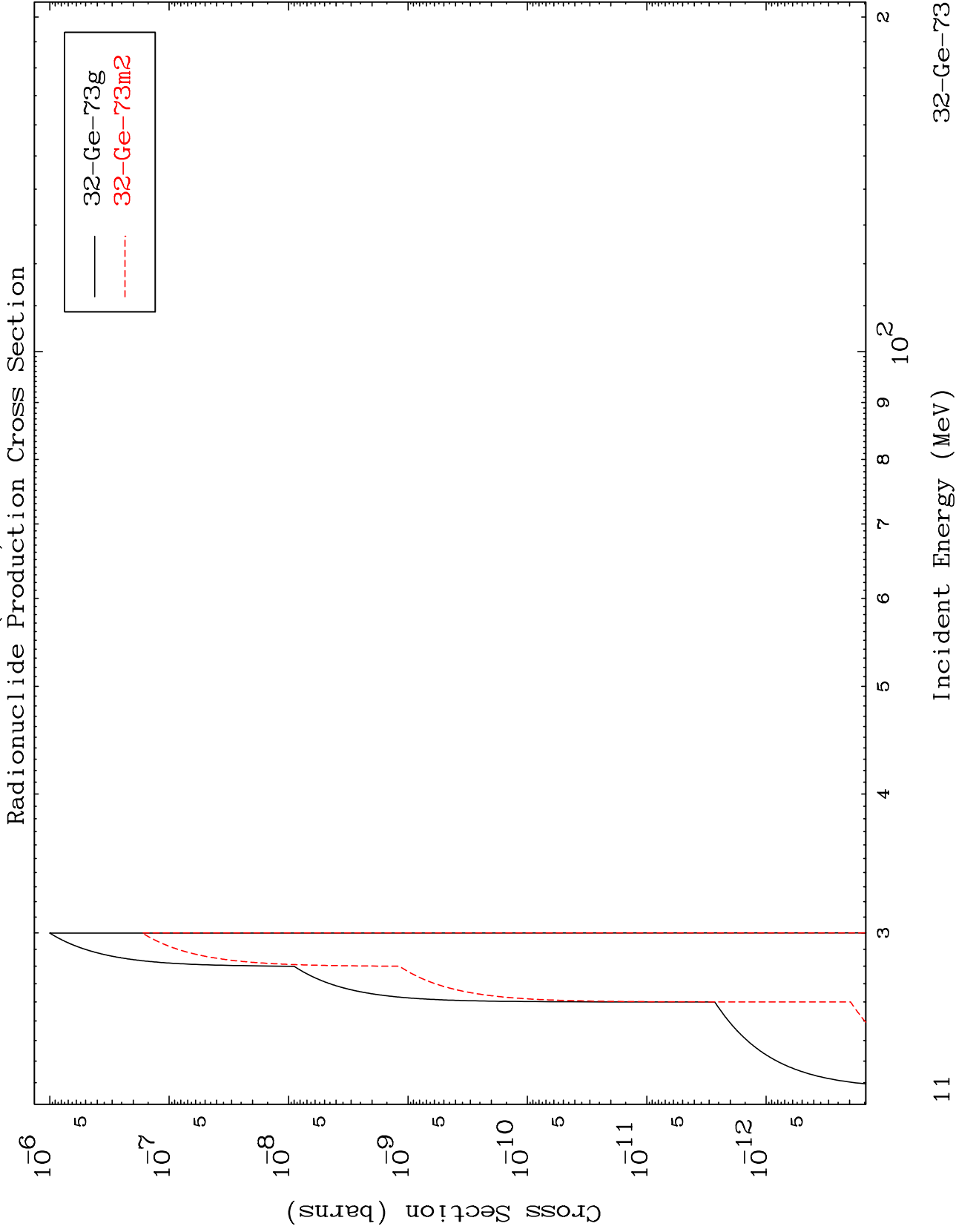
Incident Energy (MeV)

$^{32}\text{Ge-73}$

MAT 3234

(α, n') He-3

³²Ge-73



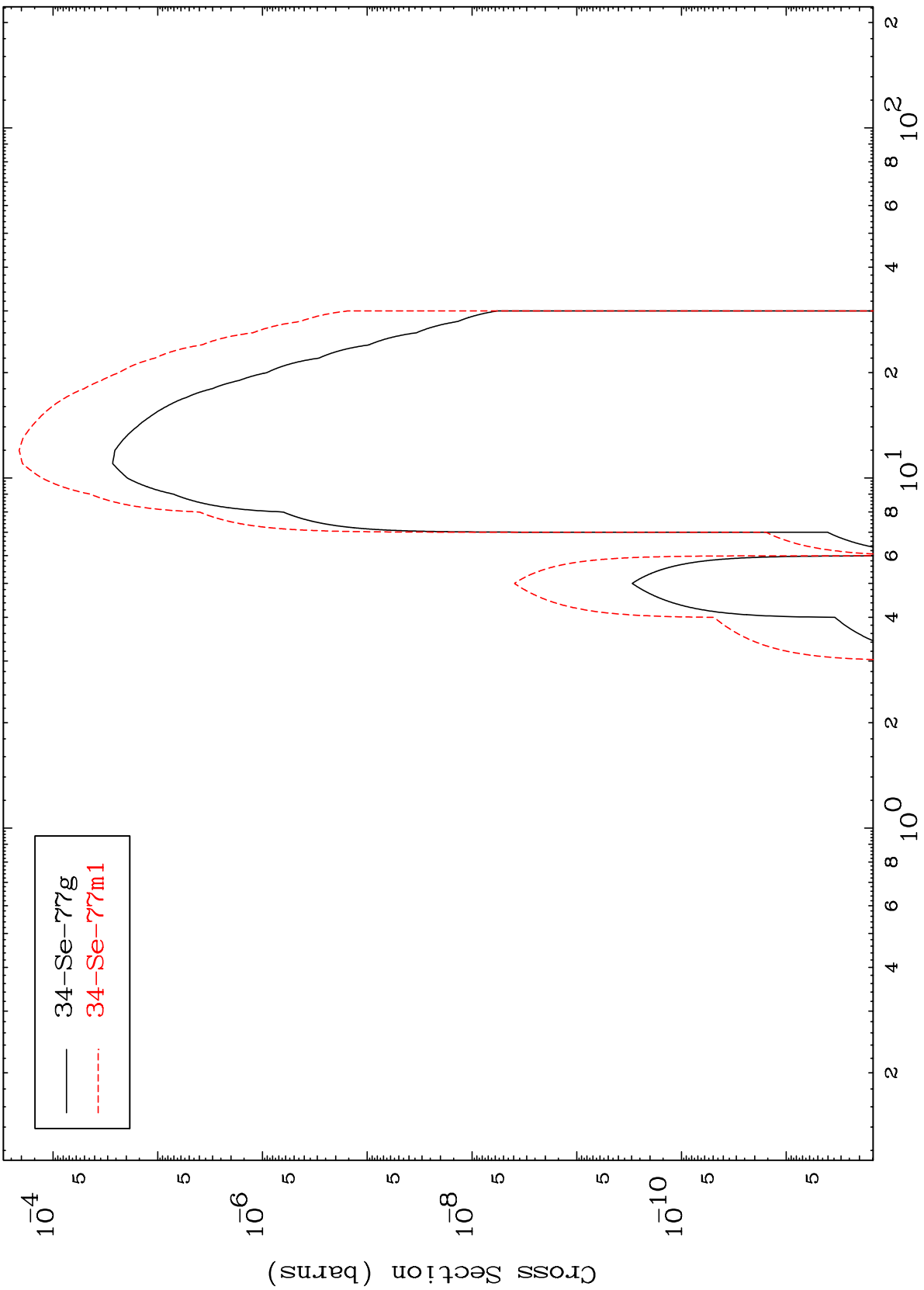
11

MAT 3234

(α, γ)

$^{32}\text{Ge-73}$

Radionuclide Production Cross Section



— $^{34}\text{Se-77g}$
- - - $^{34}\text{Se-77m1}$

12

Incident Energy (MeV)

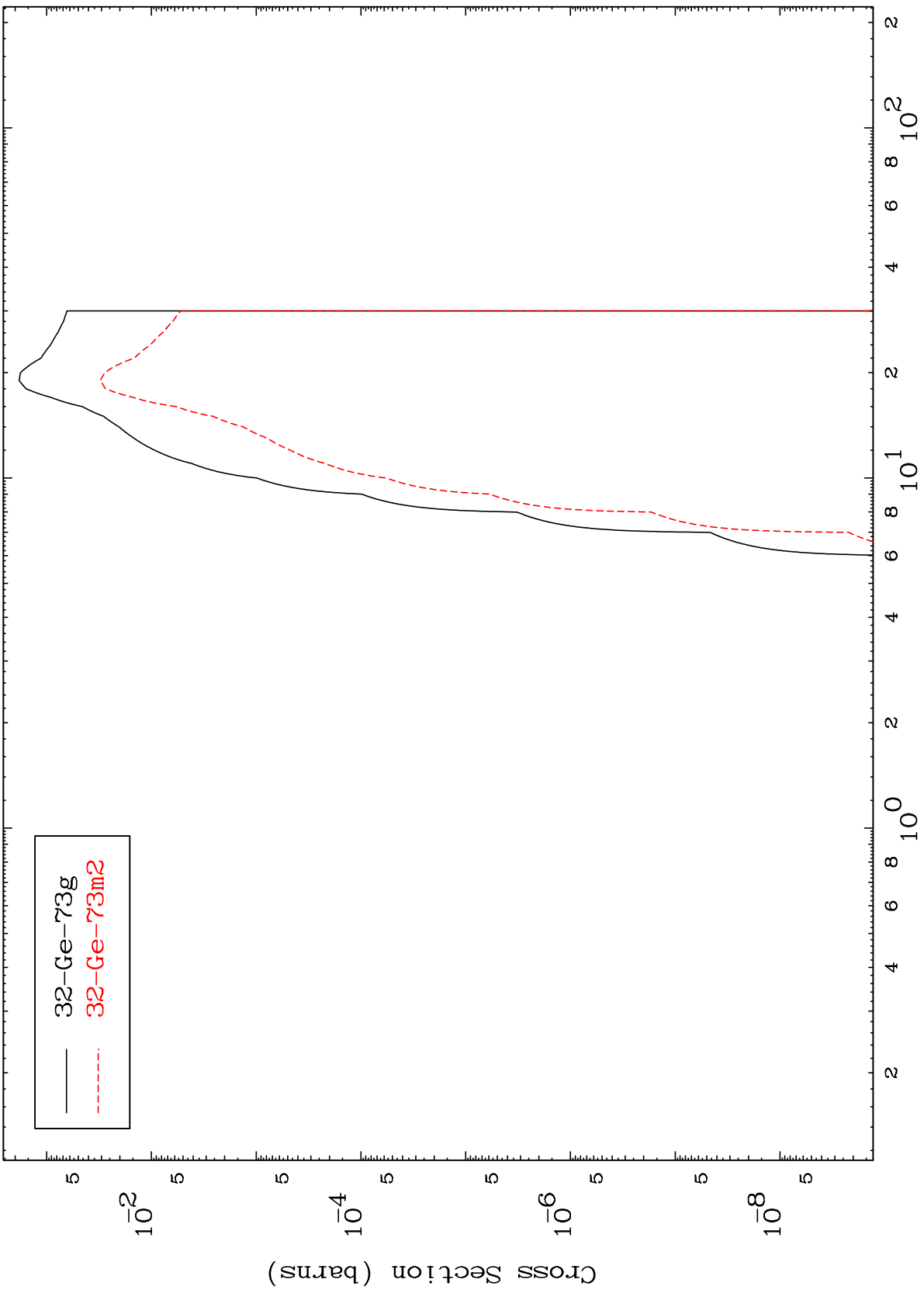
$^{32}\text{Ge-73}$

MAT 3234

(α, α)

$^{32}\text{Ge-73}$

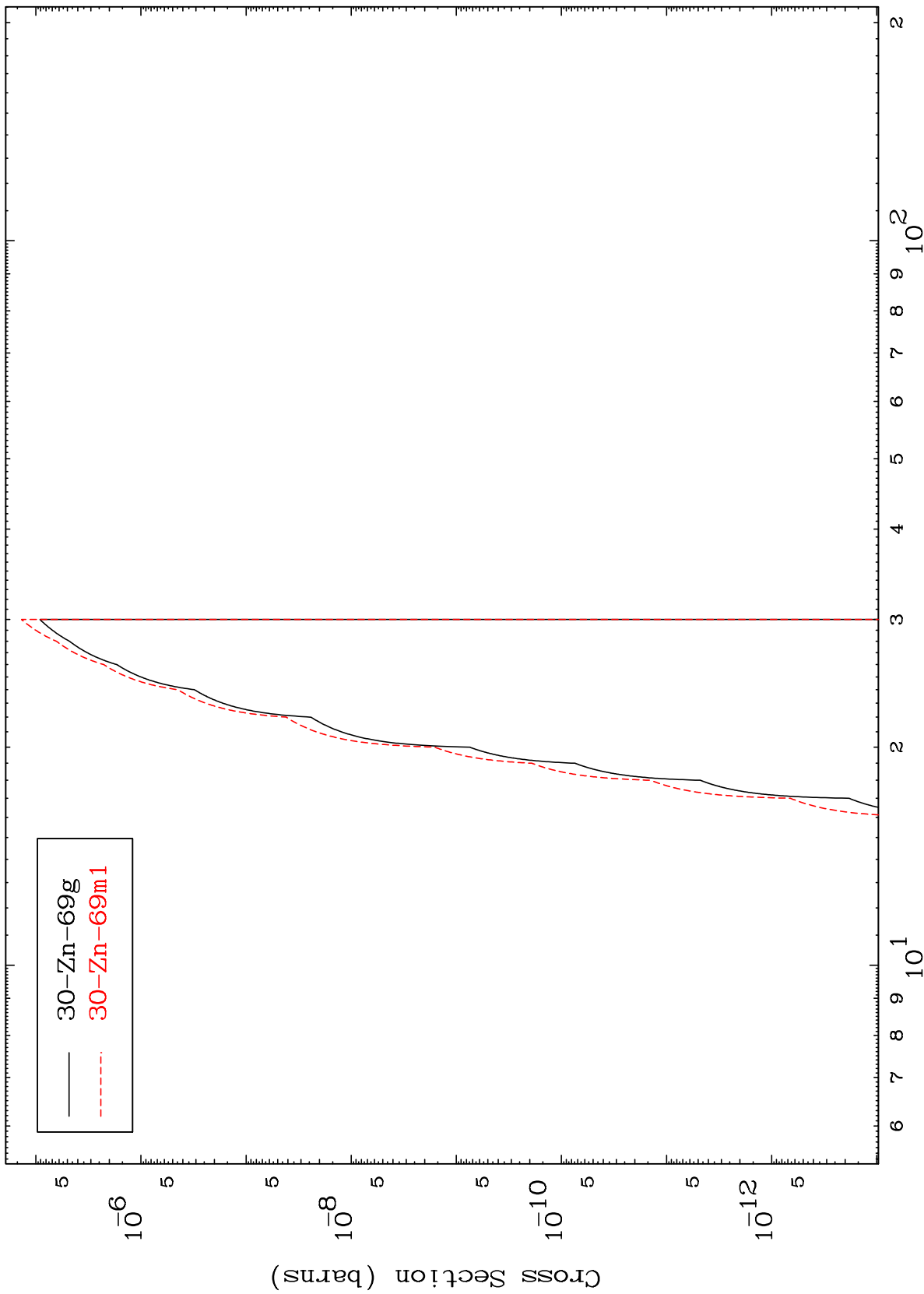
Radionuclide Production Cross Section



MAT 3234

$^{32}\text{Ge-73}$

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



$^{32}\text{Ge-73}$

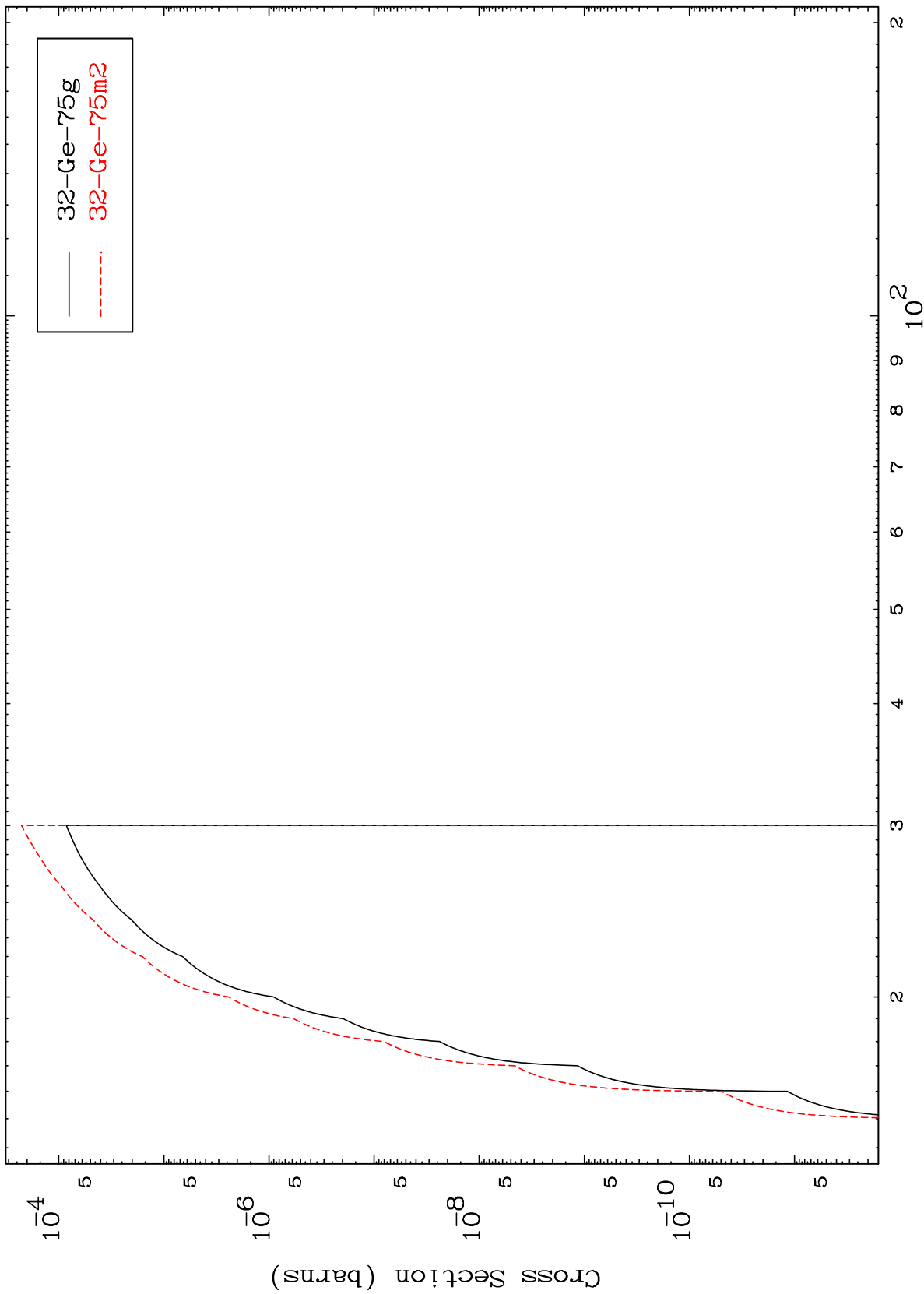
Incident Energy (MeV)

14

MAT 3234

³²Ge-73

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



15

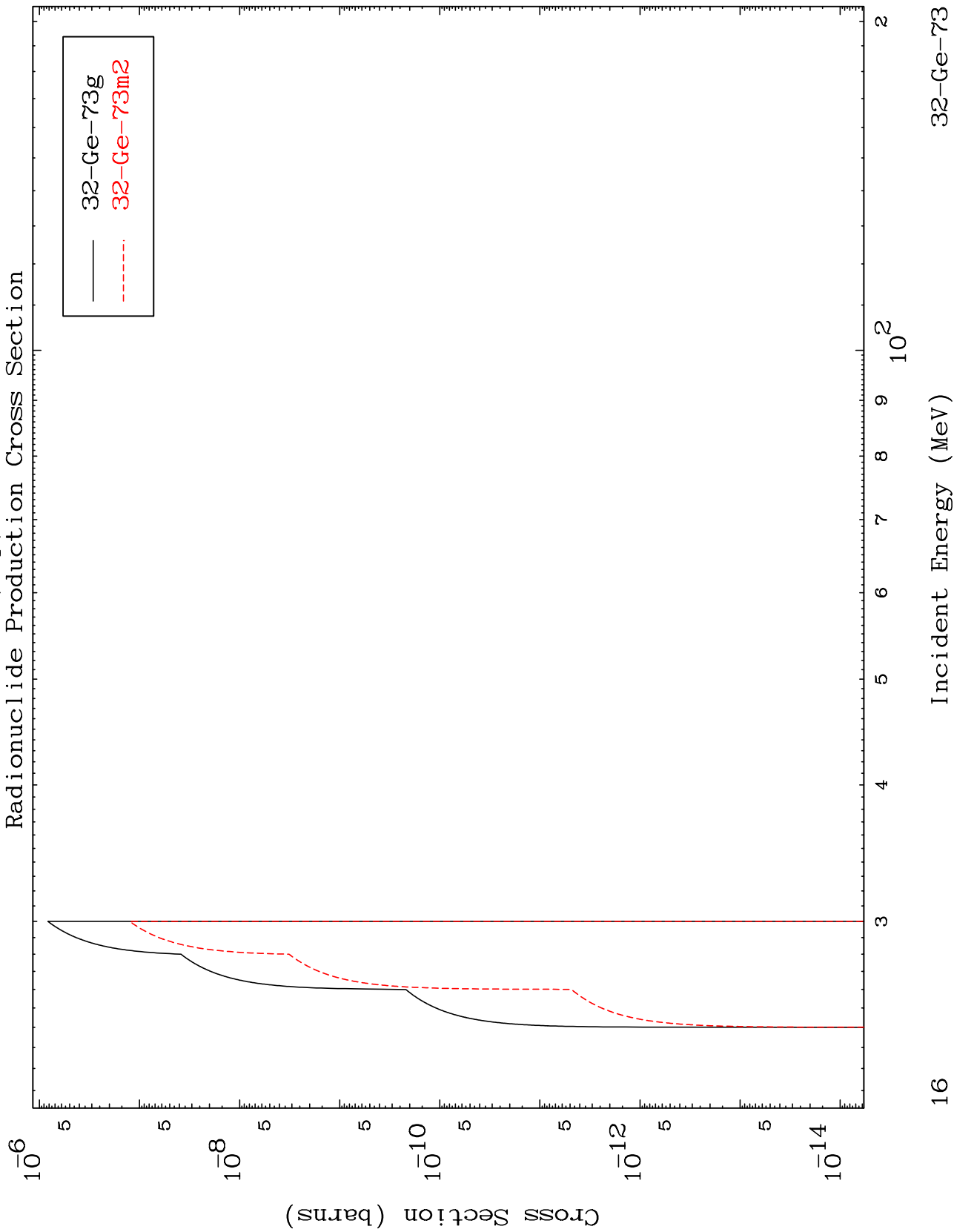
Incident Energy (MeV)

³²Ge-73

MAT 3234

(α, p) t

$^{32}\text{Ge-73}$



16

$^{32}\text{Ge-73}$