

Program EVALPLOT
(Version 2021-1)

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

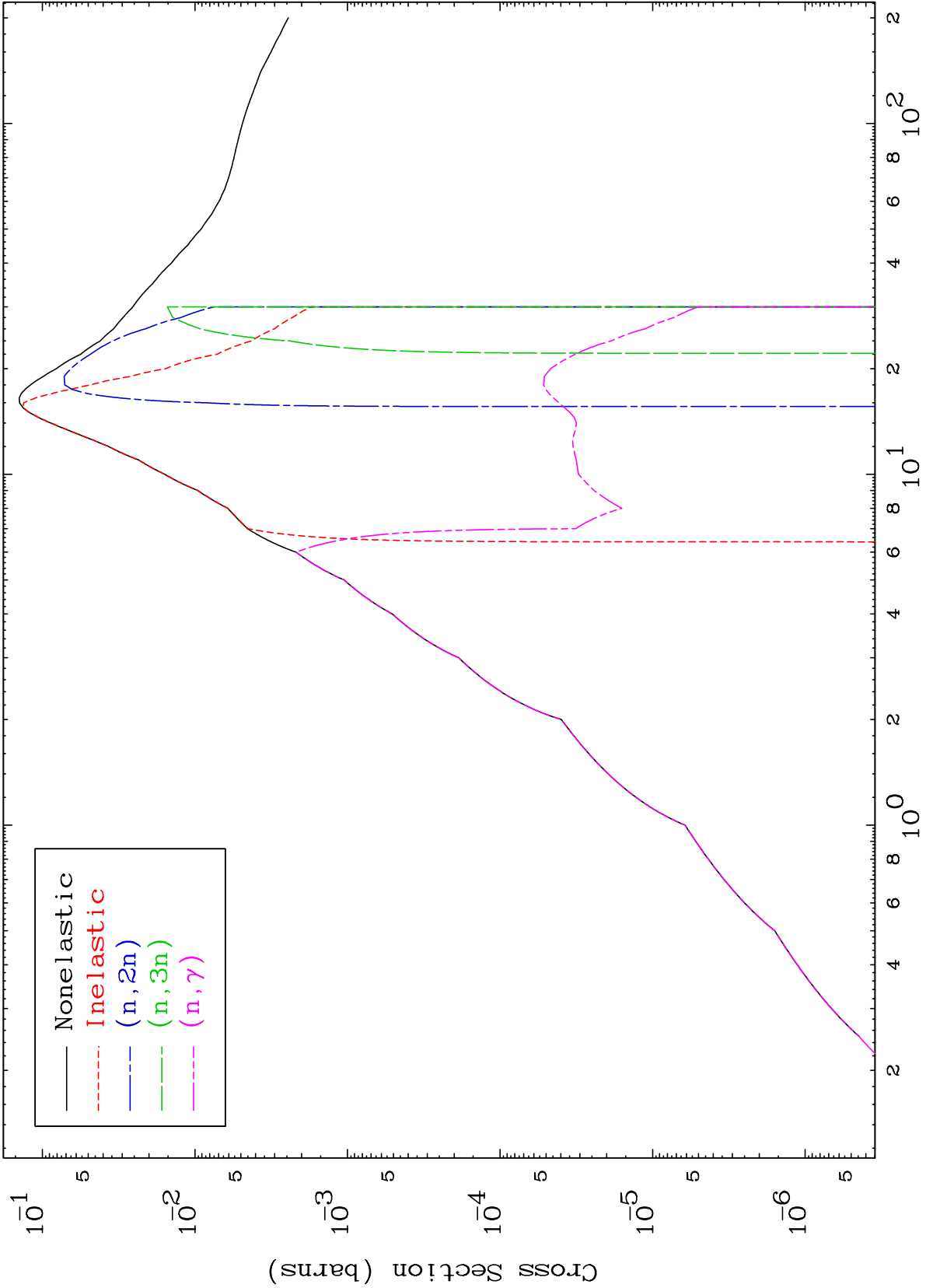
Press Mouse Button to Start

MAT 3140

Photon Major

31-Ga-74

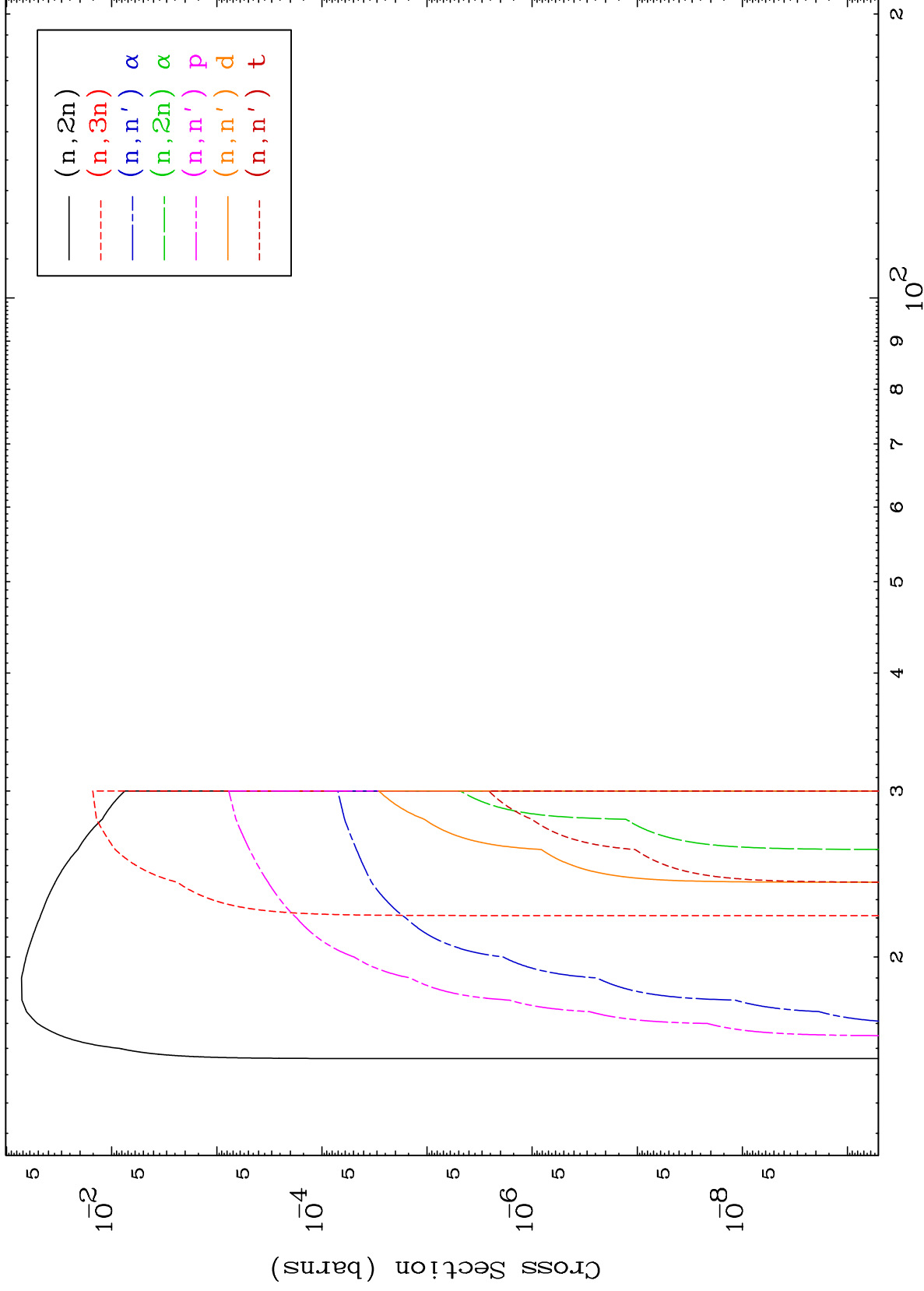
0 Kelvin Cross Sections



MAT 3140

Photon Neutron Absorption
0 Kelvin Cross Sections

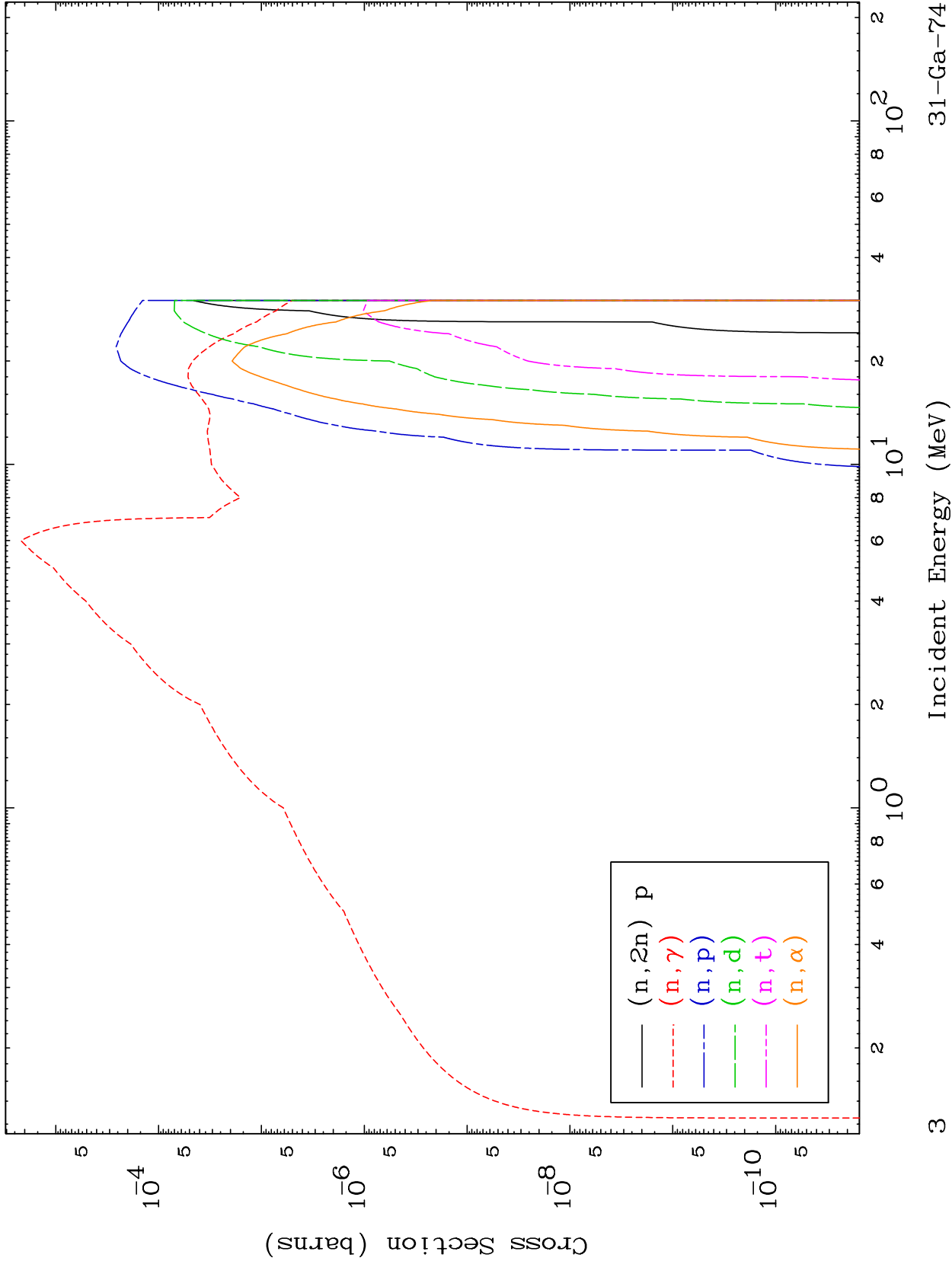
31-Ga-74

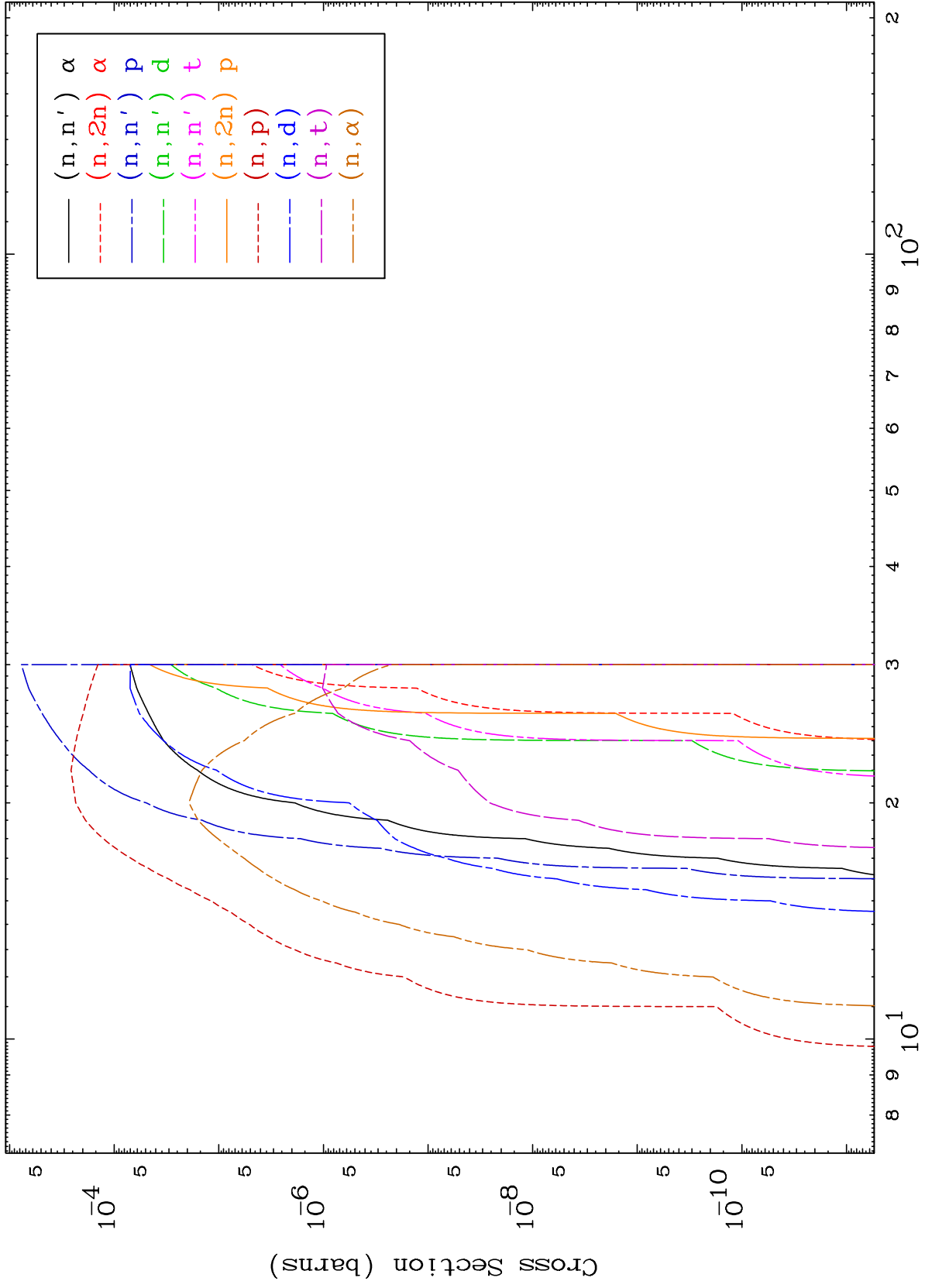


2

Incident Energy (MeV)

31-Ga-74

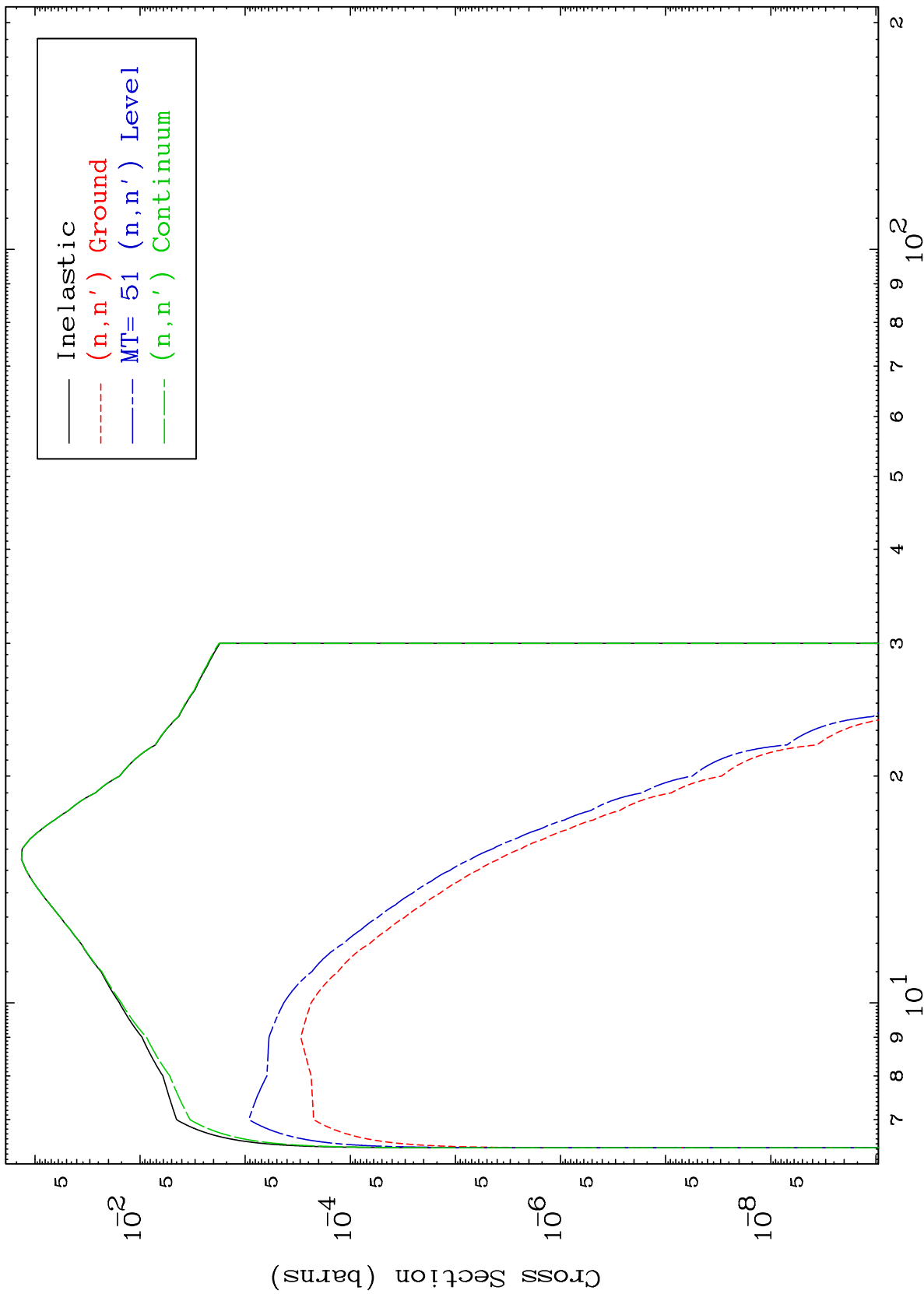




MAT 3140

³¹Ga-74

(γ, n') Levels
0 Kelvin Cross Sections



5

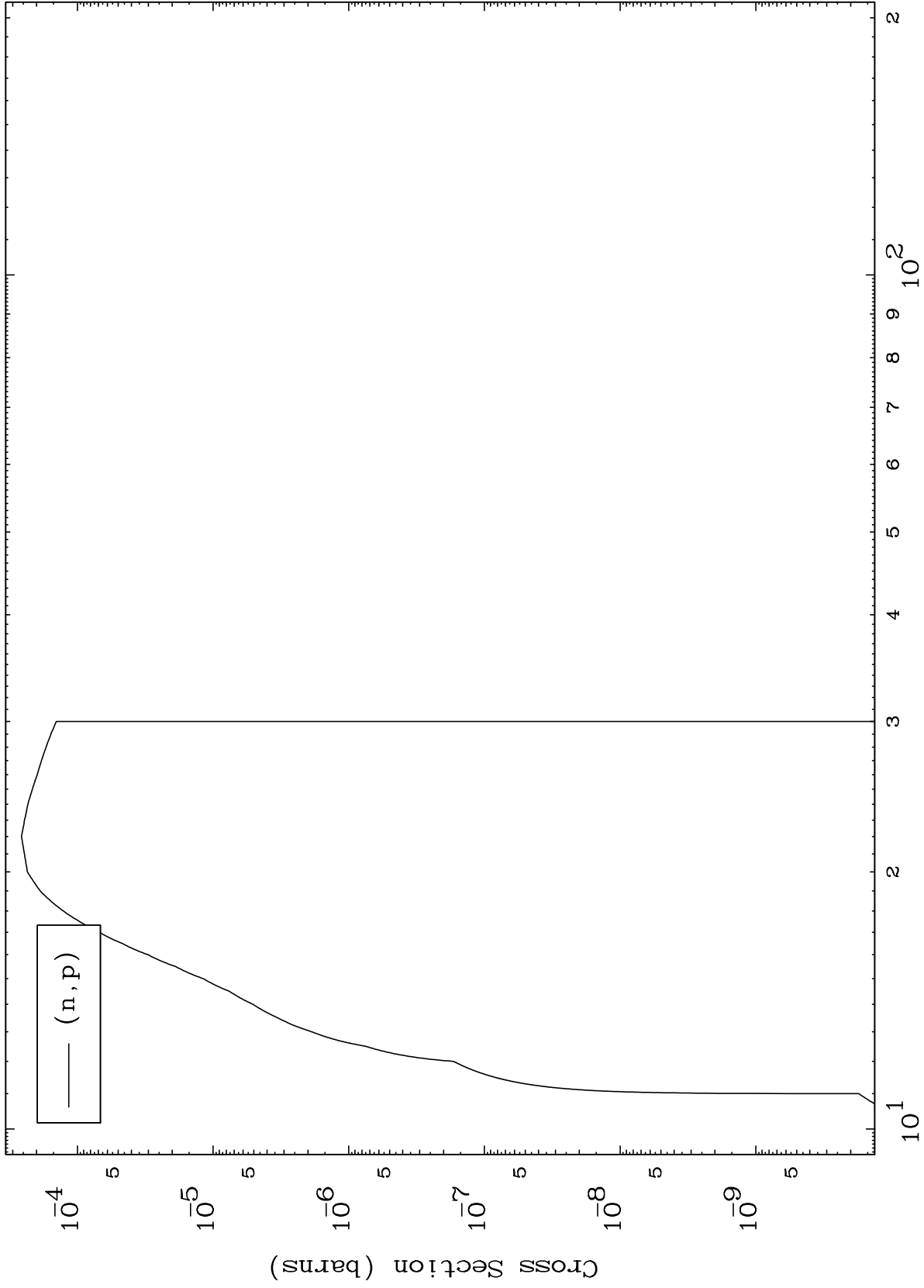
Incident Energy (MeV)

³¹Ga-74

MAT 3140

(γ, p) Levels
0 Kelvin Cross Sections

31-Ga-74



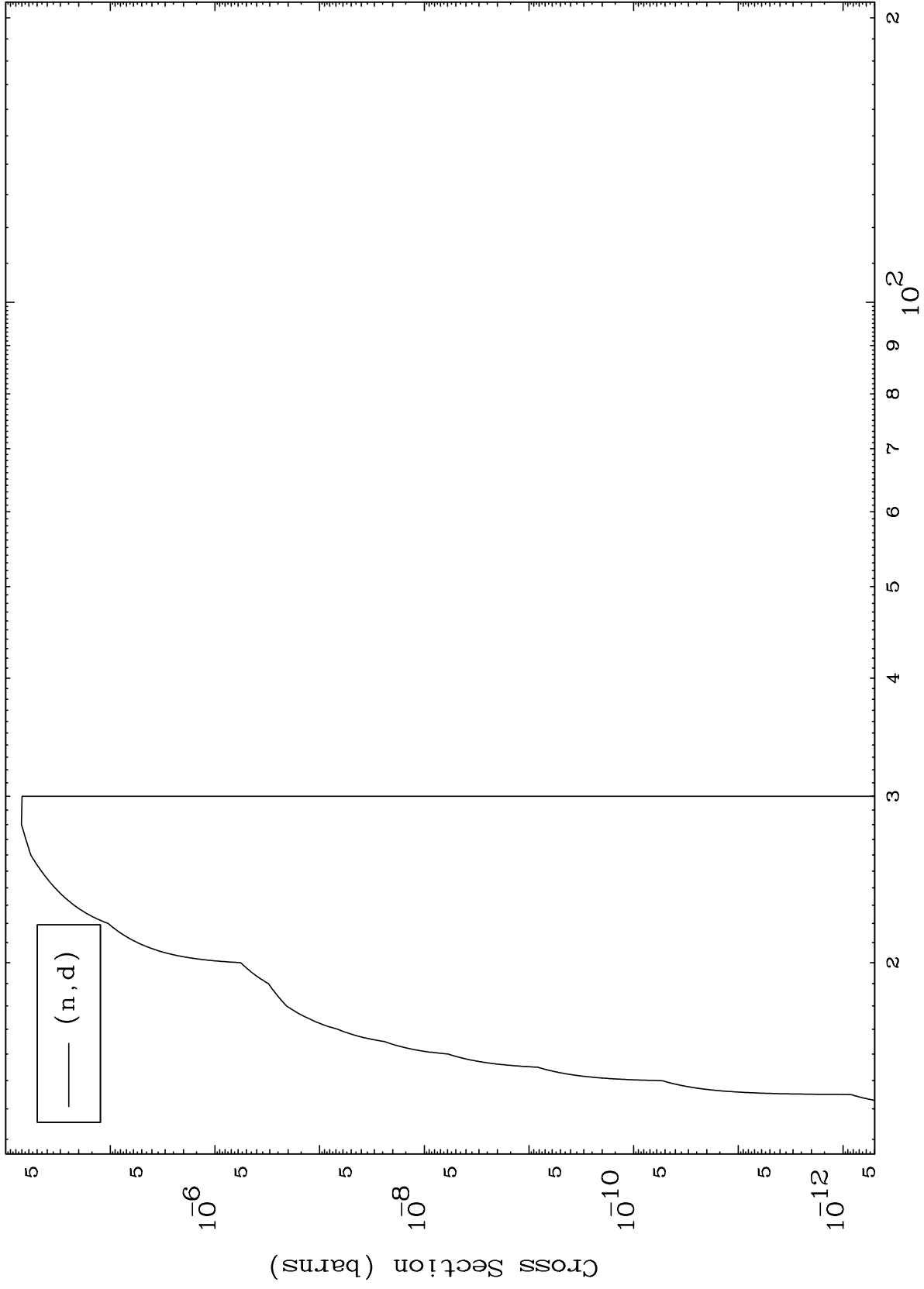
Incident Energy (MeV)

31-Ga-74

MAT 3140

(γ, d) Levels
0 Kelvin Cross Sections

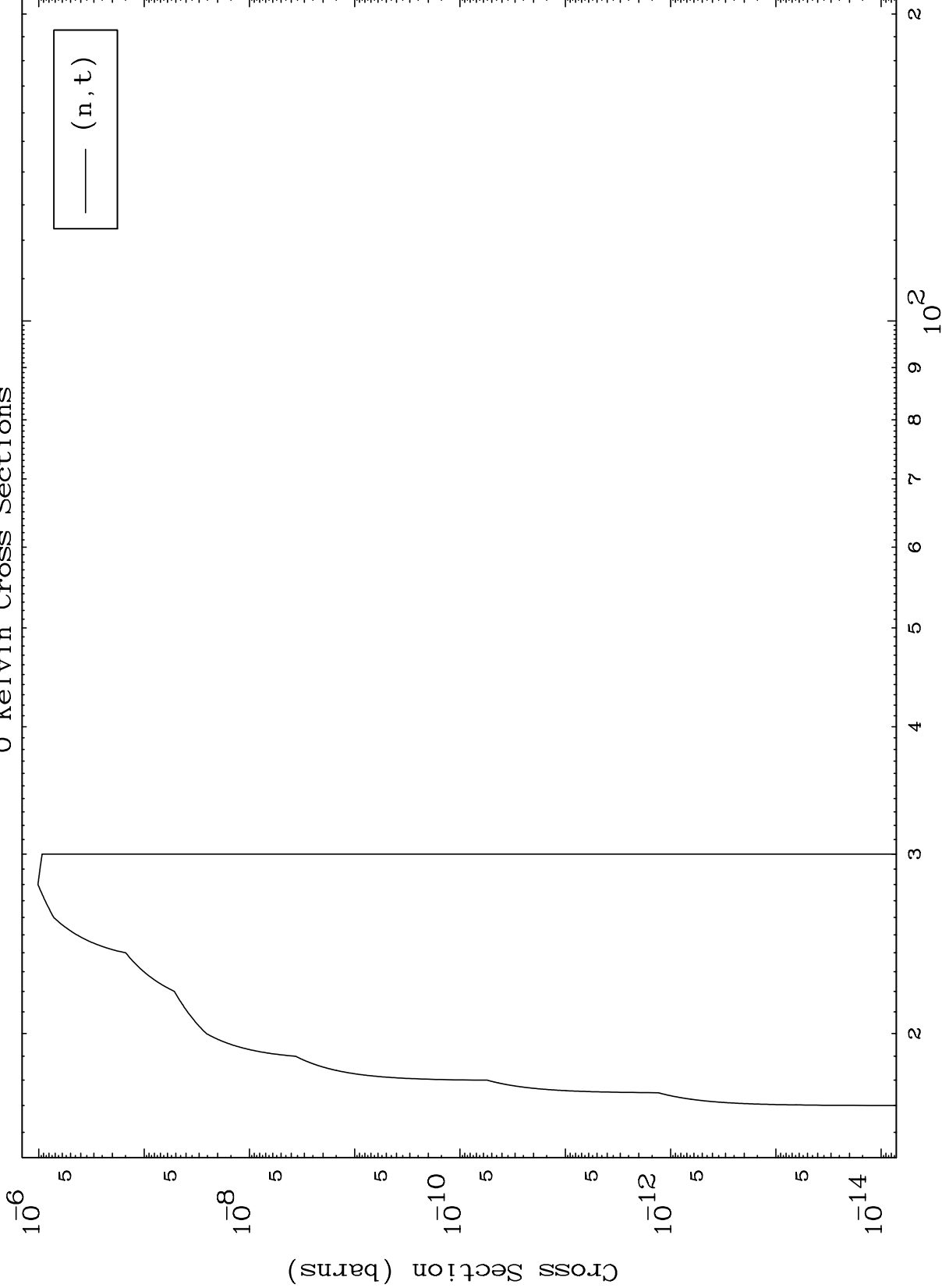
31-Ga-74



MAT 3140

(γ, t) Levels
0 Kelvin Cross Sections

$^{31}\text{Ga-74}$



8

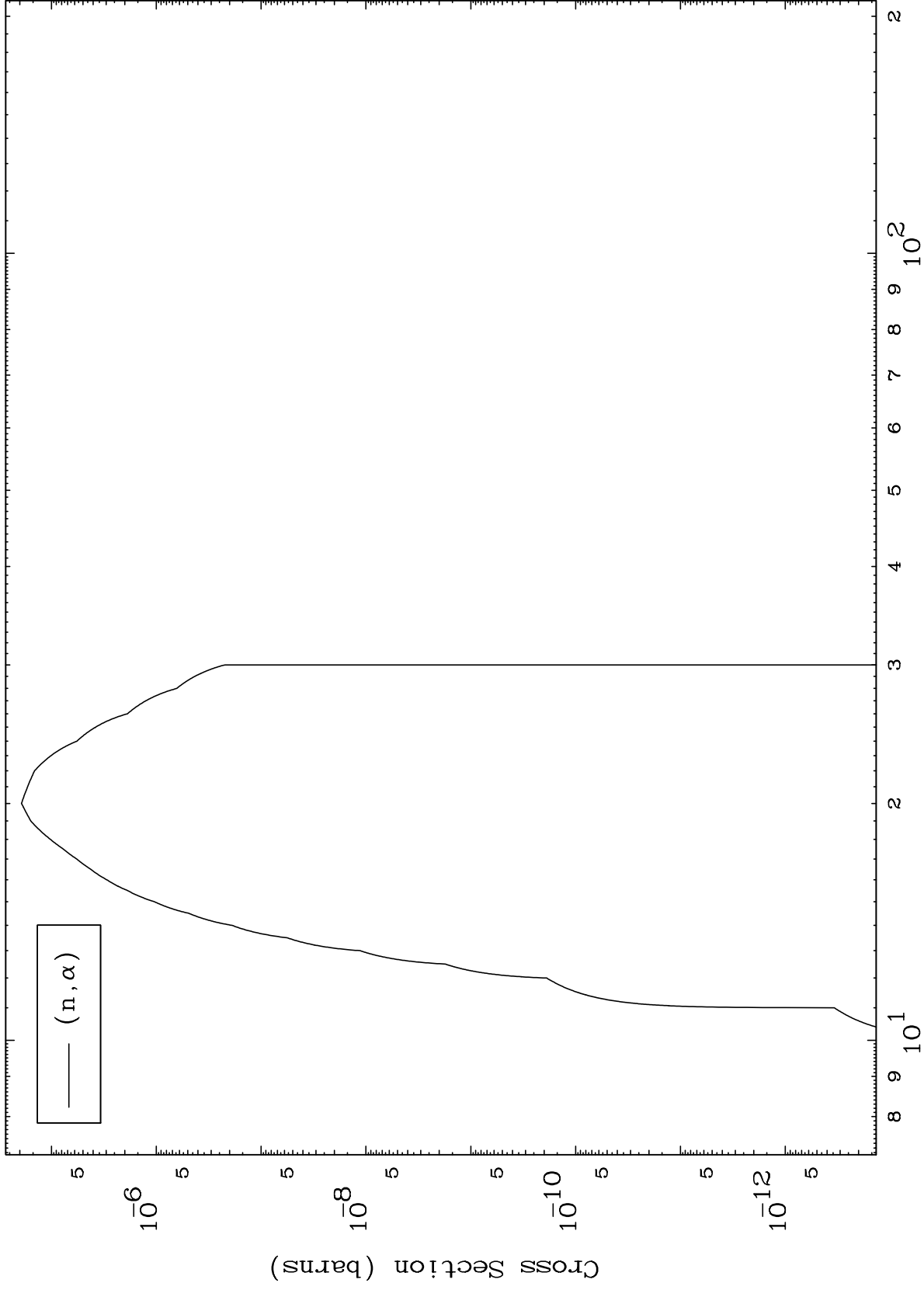
Incident Energy (MeV)

$^{31}\text{Ga-74}$

MAT 3140

(γ, α) Levels
0 Kelvin Cross Sections

31-Ga-74



9

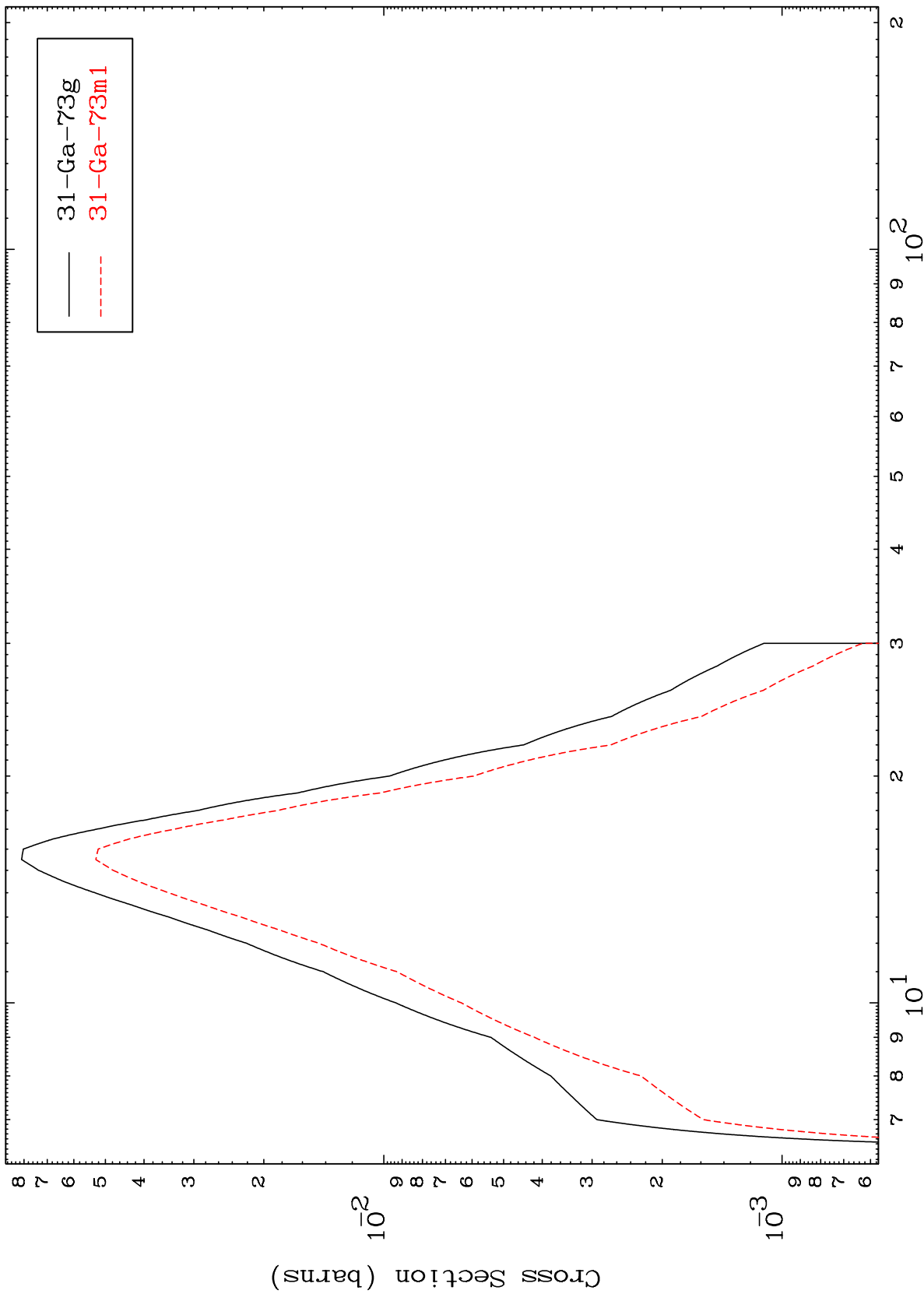
Incident Energy (MeV)

31-Ga-74

MAT 3140

31-Ga-74

Inelastic
Radionuclide Production Cross Section



31-Ga-74

Incident Energy (MeV)

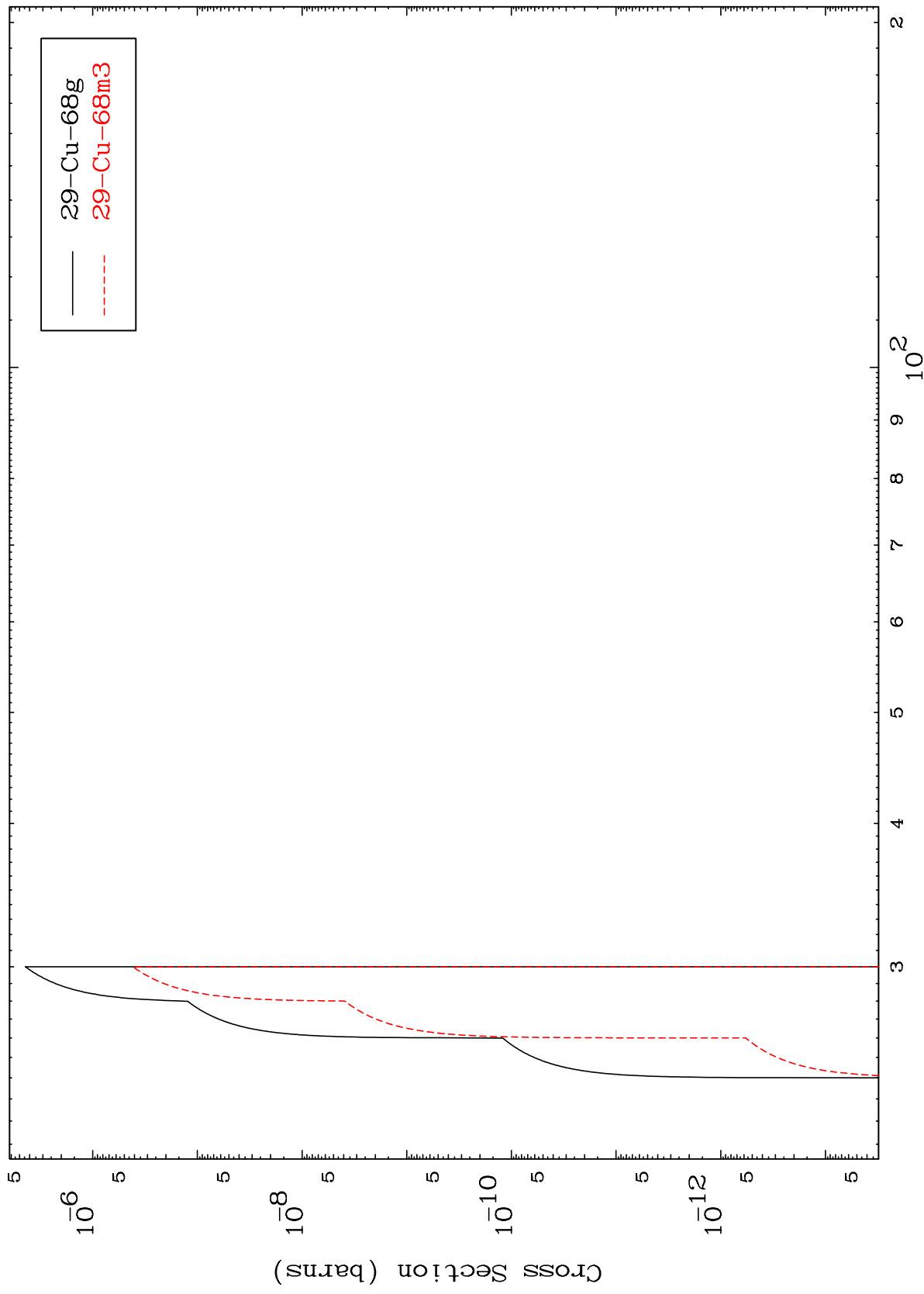
10

MAT 3140

$(n,2n) \alpha$

31-Ga-74

Radionuclide Production Cross Section



11

Incident Energy (MeV)

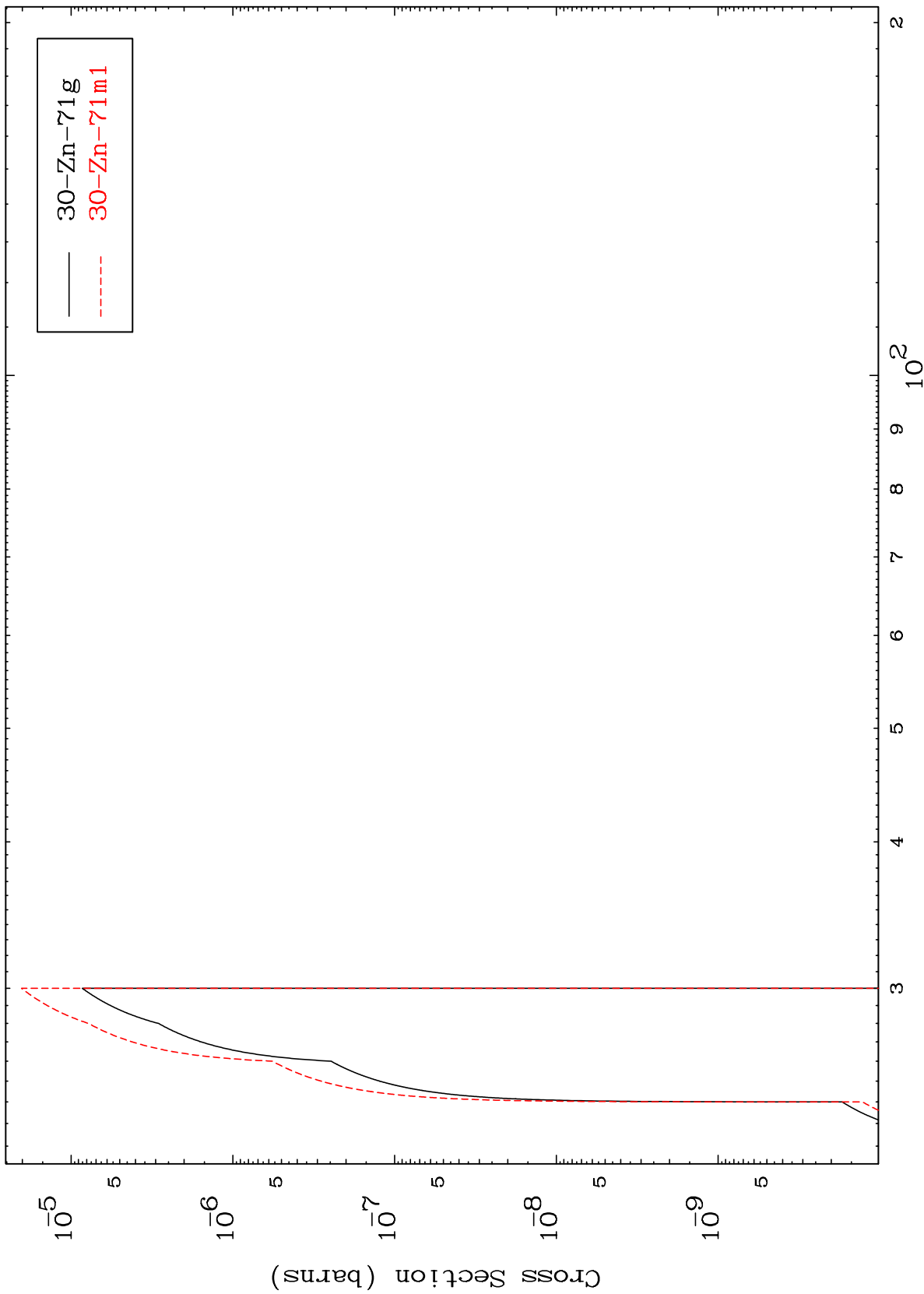
31-Ga-74

MAT 3140

(n,n') d

31-Ga-74

Radionuclide Production Cross Section



12

Incident Energy (MeV)

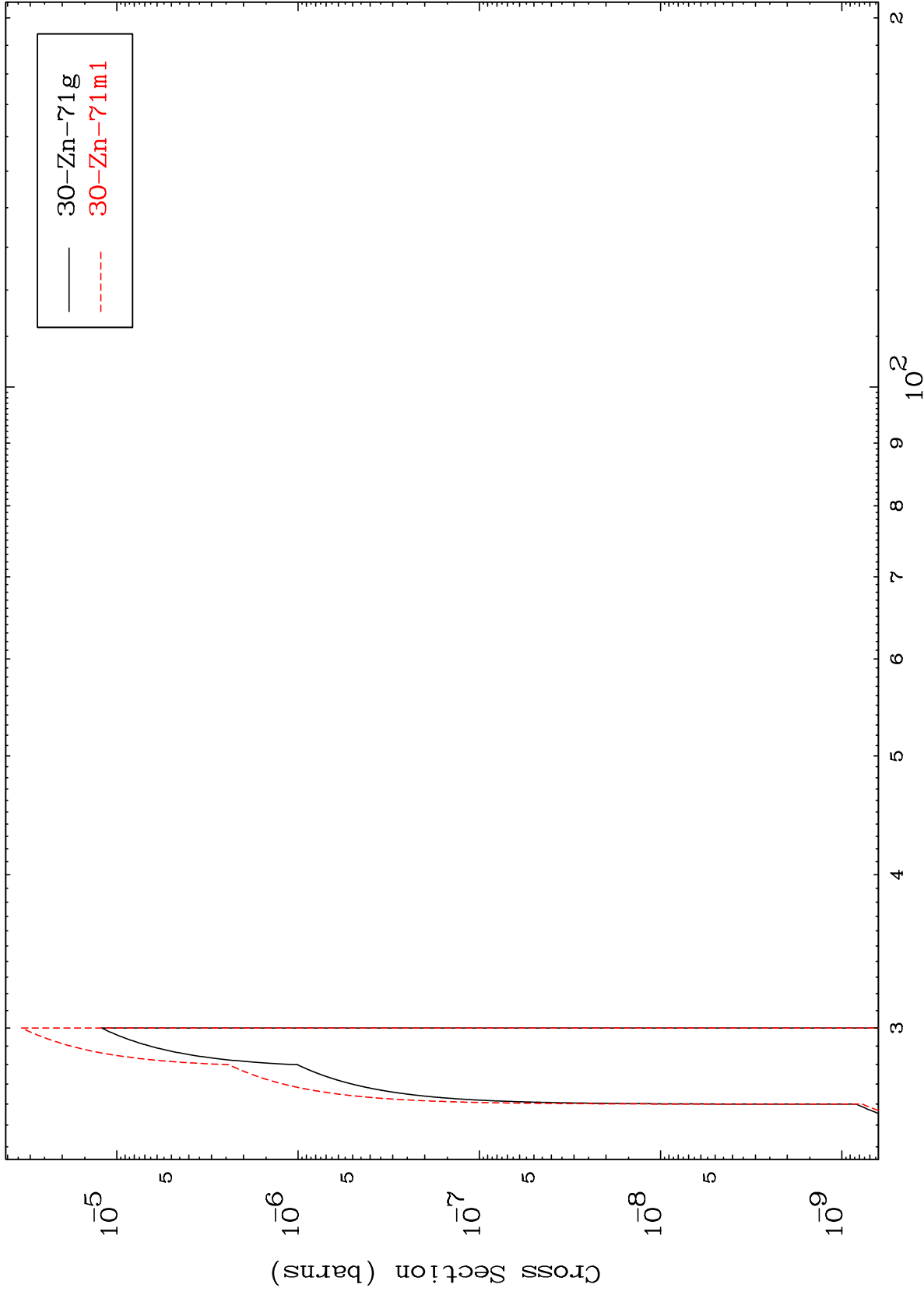
31-Ga-74

MAT 3140

$(n,2n)$ p

31-Ga-74

Radionuclide Production Cross Section



13

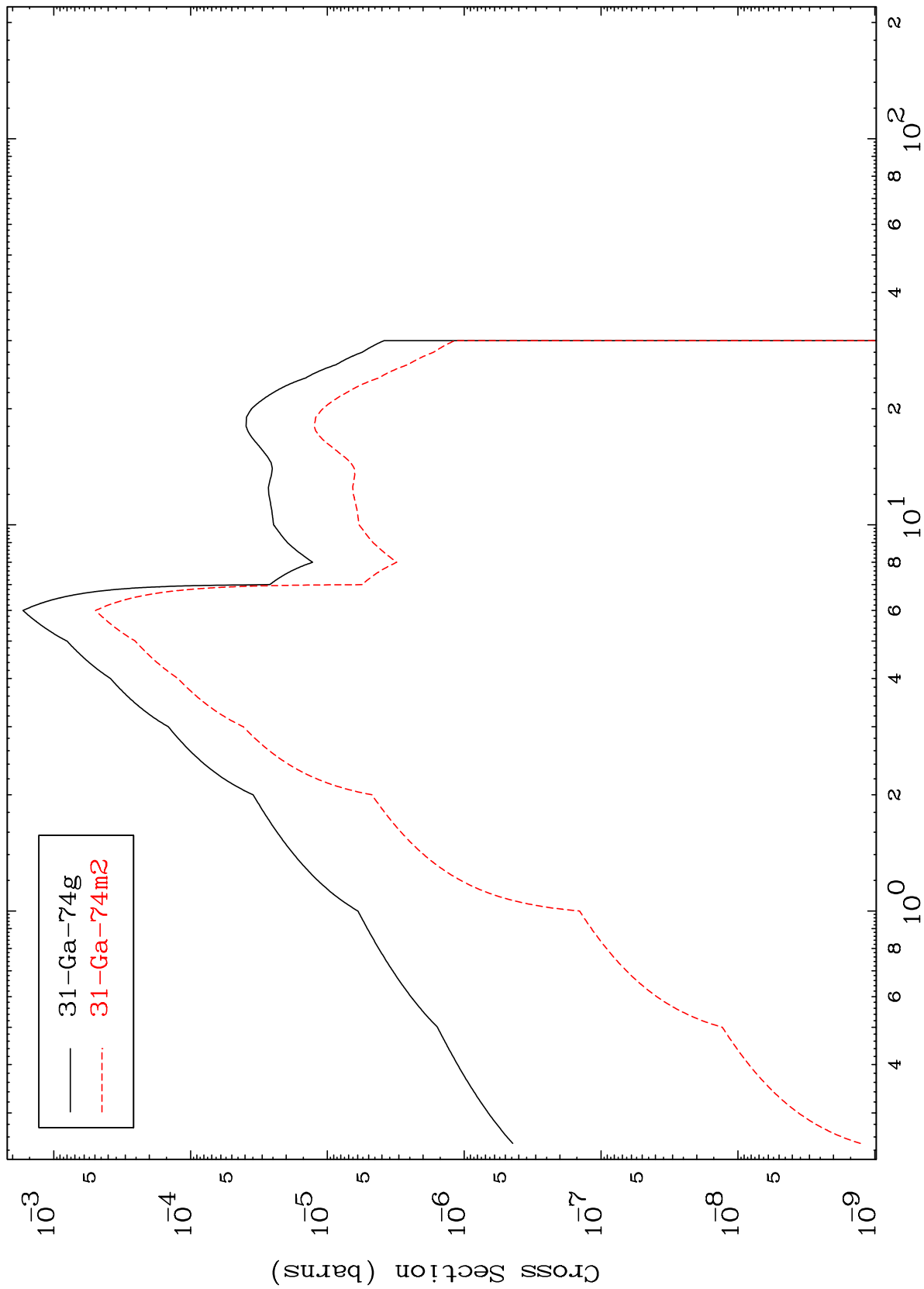
Incident Energy (MeV)

31-Ga-74

MAT 3140

³¹Ga-74

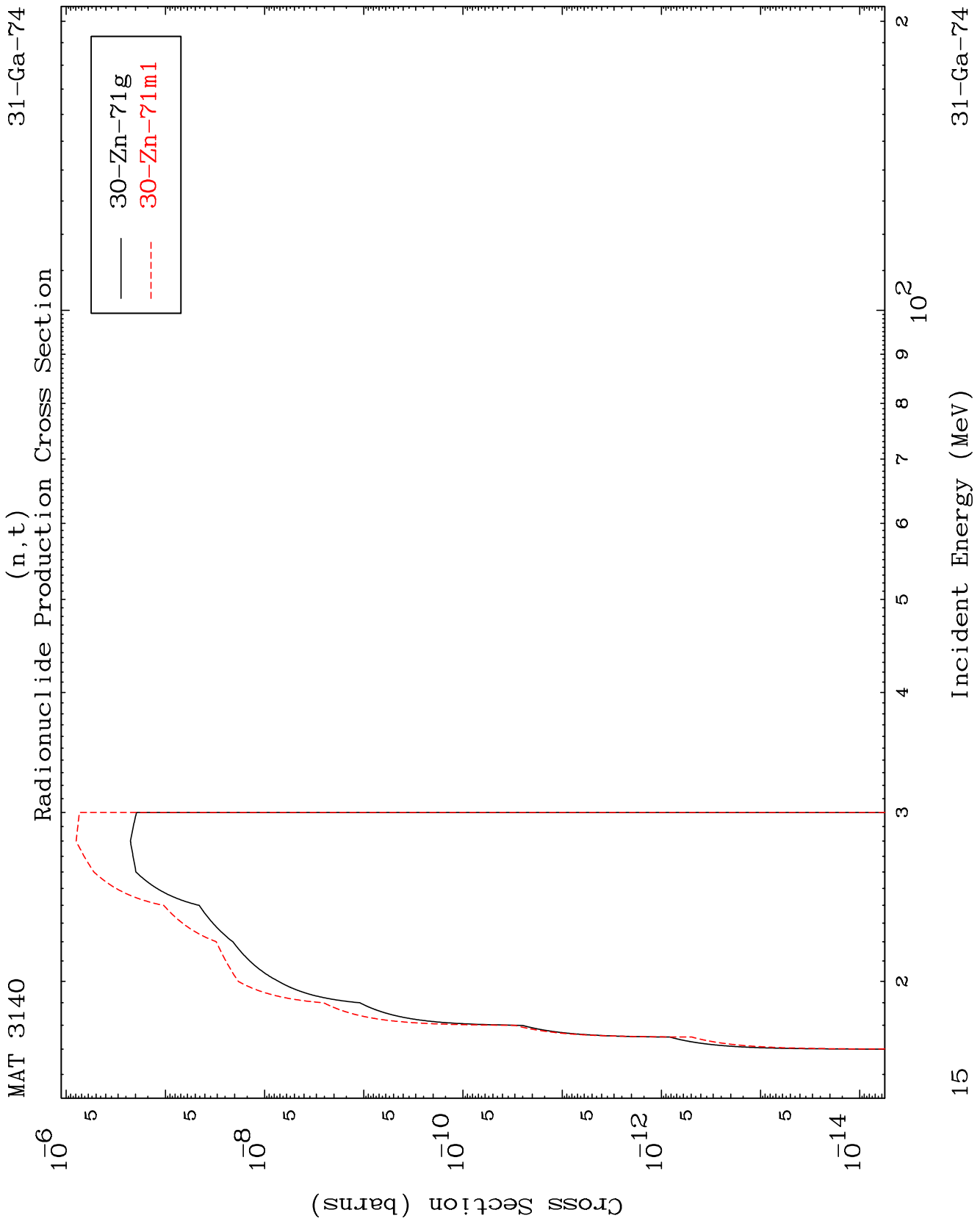
Radionuclide Production Cross Section



14

Incident Energy (MeV)

³¹Ga-74

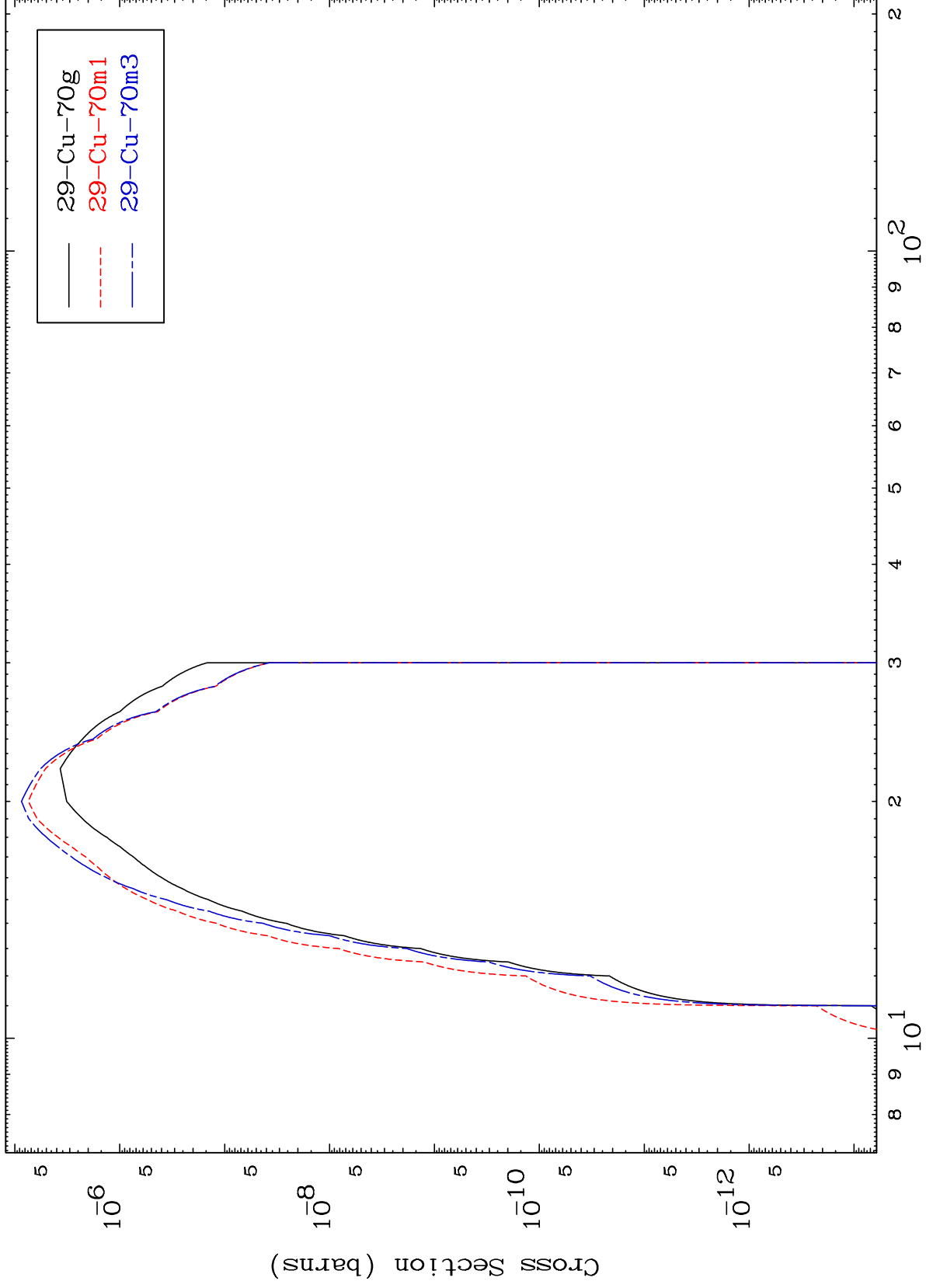


30-Zn-71g
 30-Zn-71m1

MAT 3140

31-Ga-74

(n, α)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

31-Ga-74