

Program EVALPLOT
(Version 2021-1)

by

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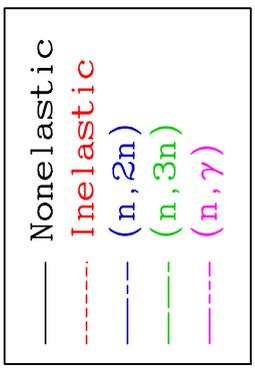
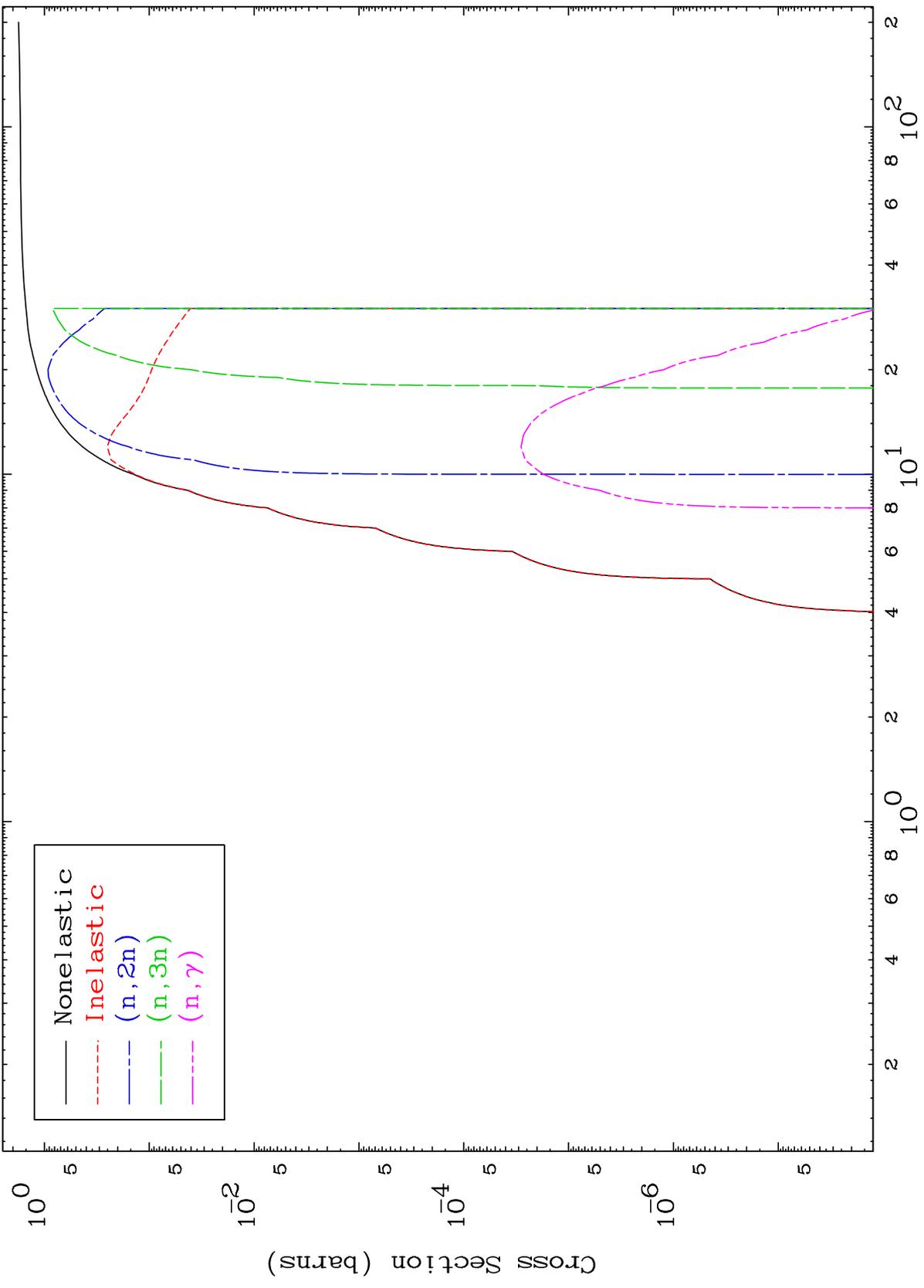
Press Mouse Button to Start

MAT 3140

α Major

31-Ga-74

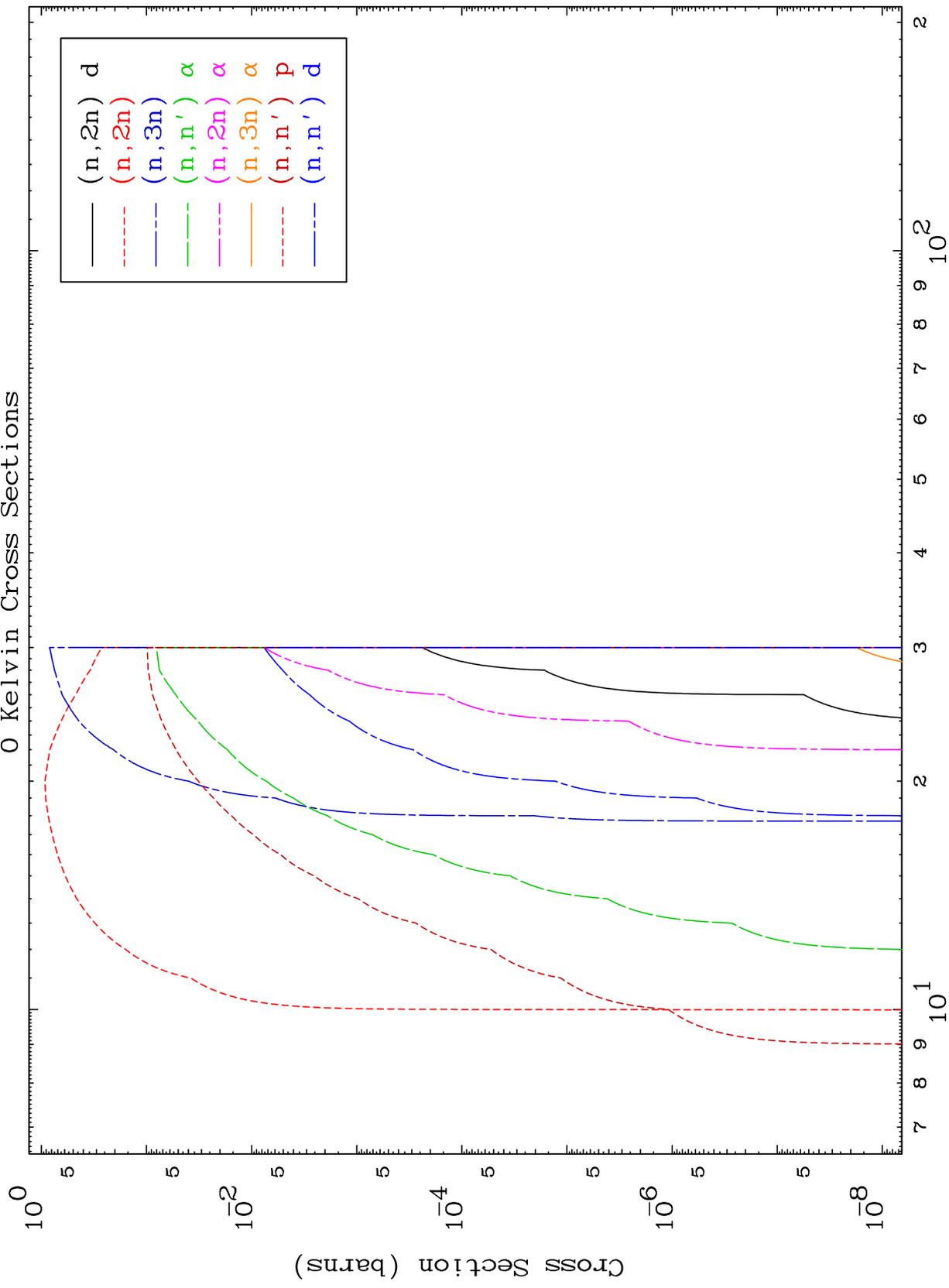
0 Kelvin Cross Sections



MAT 3140

α Neutron Absorption
0 Kelvin Cross Sections

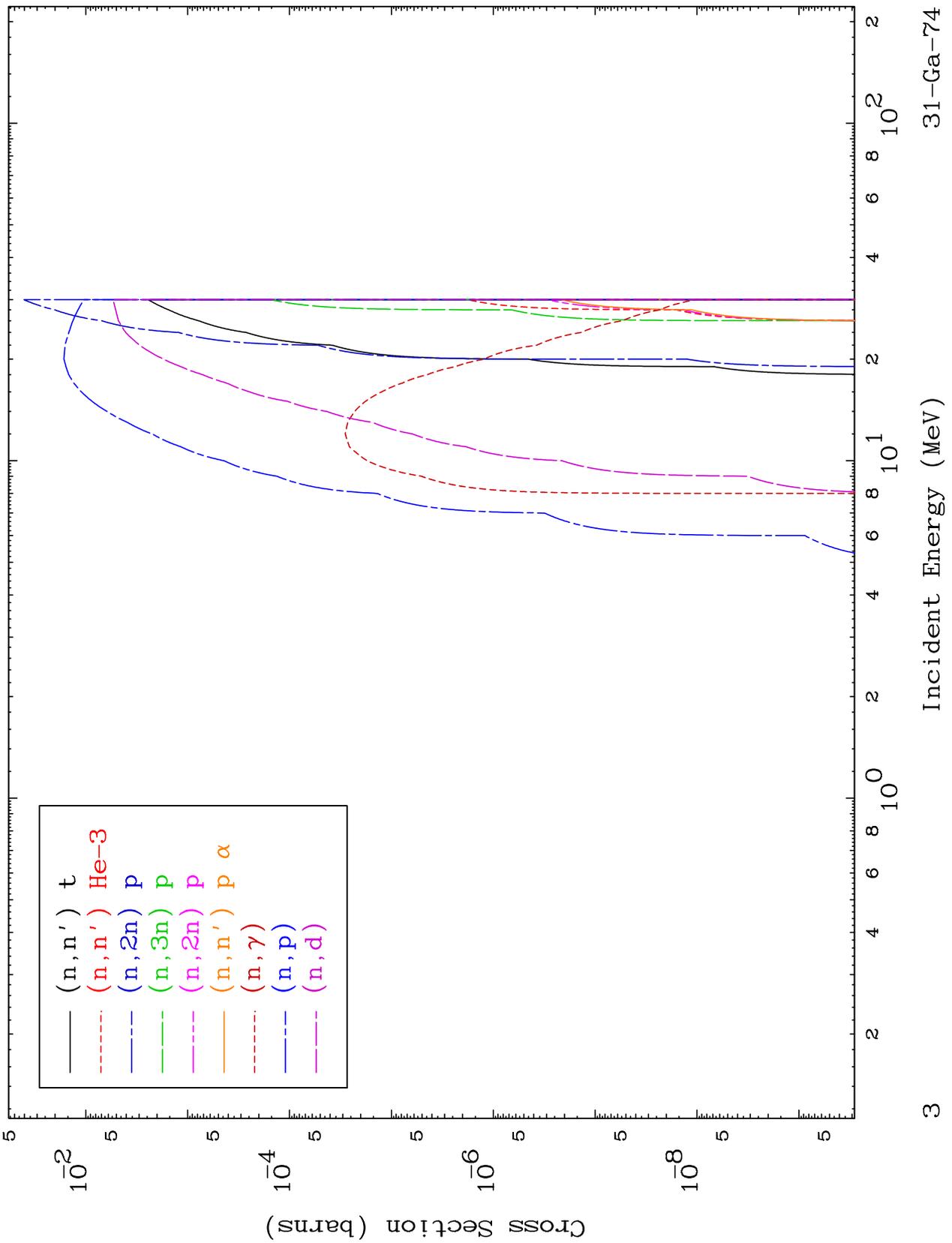
31-Ga-74



2

Incident Energy (MeV)

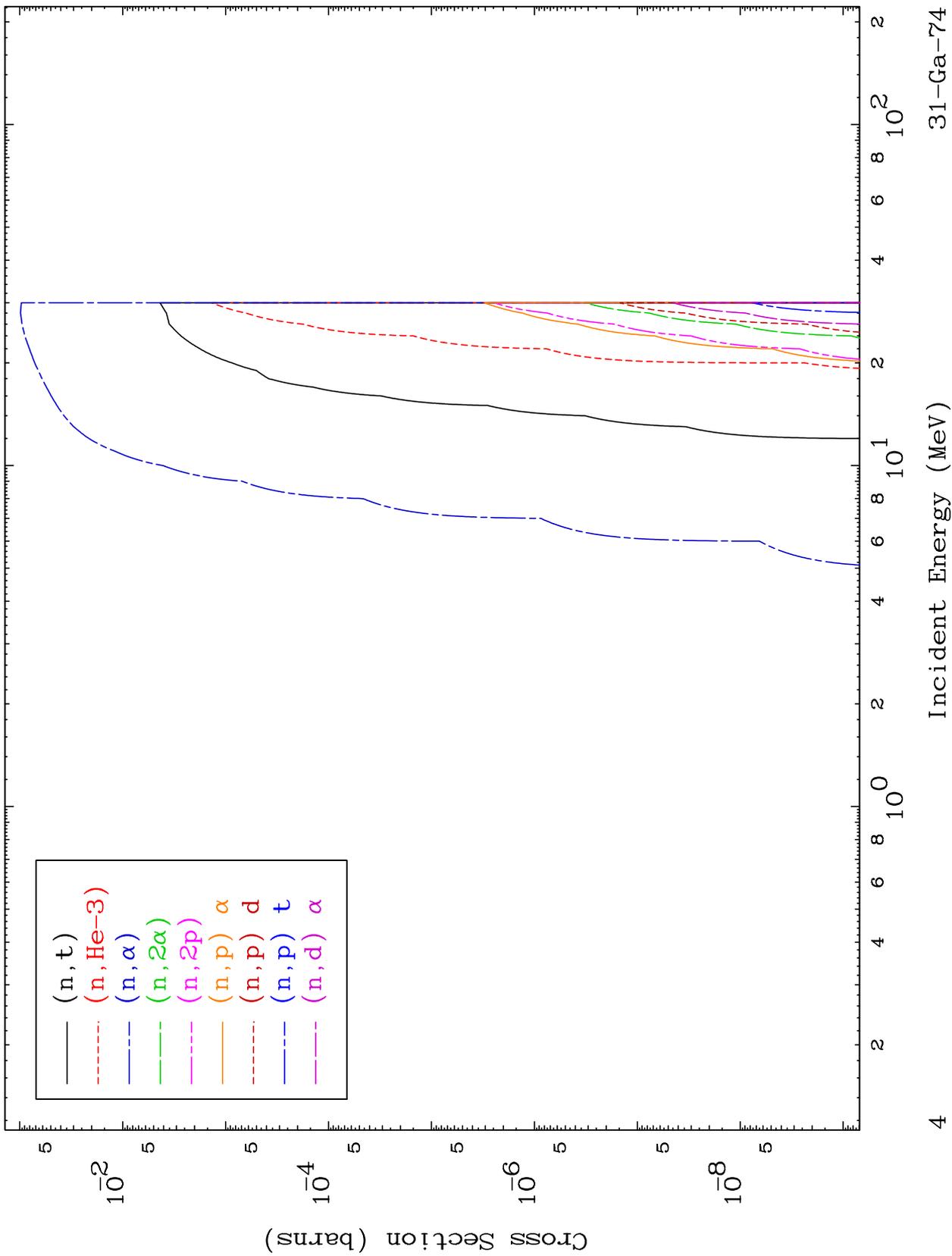
31-Ga-74

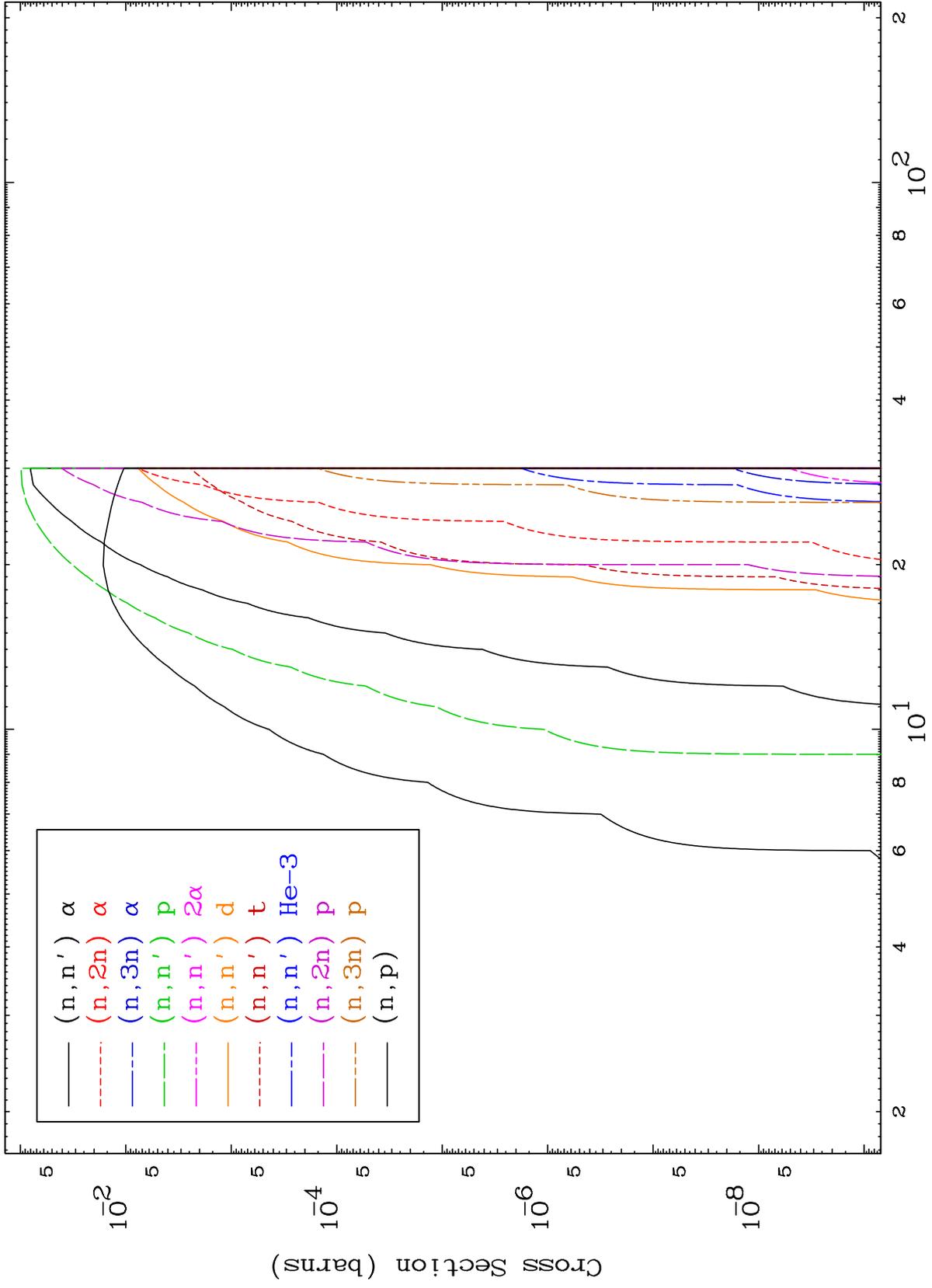


MAT 3140

α Neutron Absorption
0 Kelvin Cross Sections

31-Ga-74

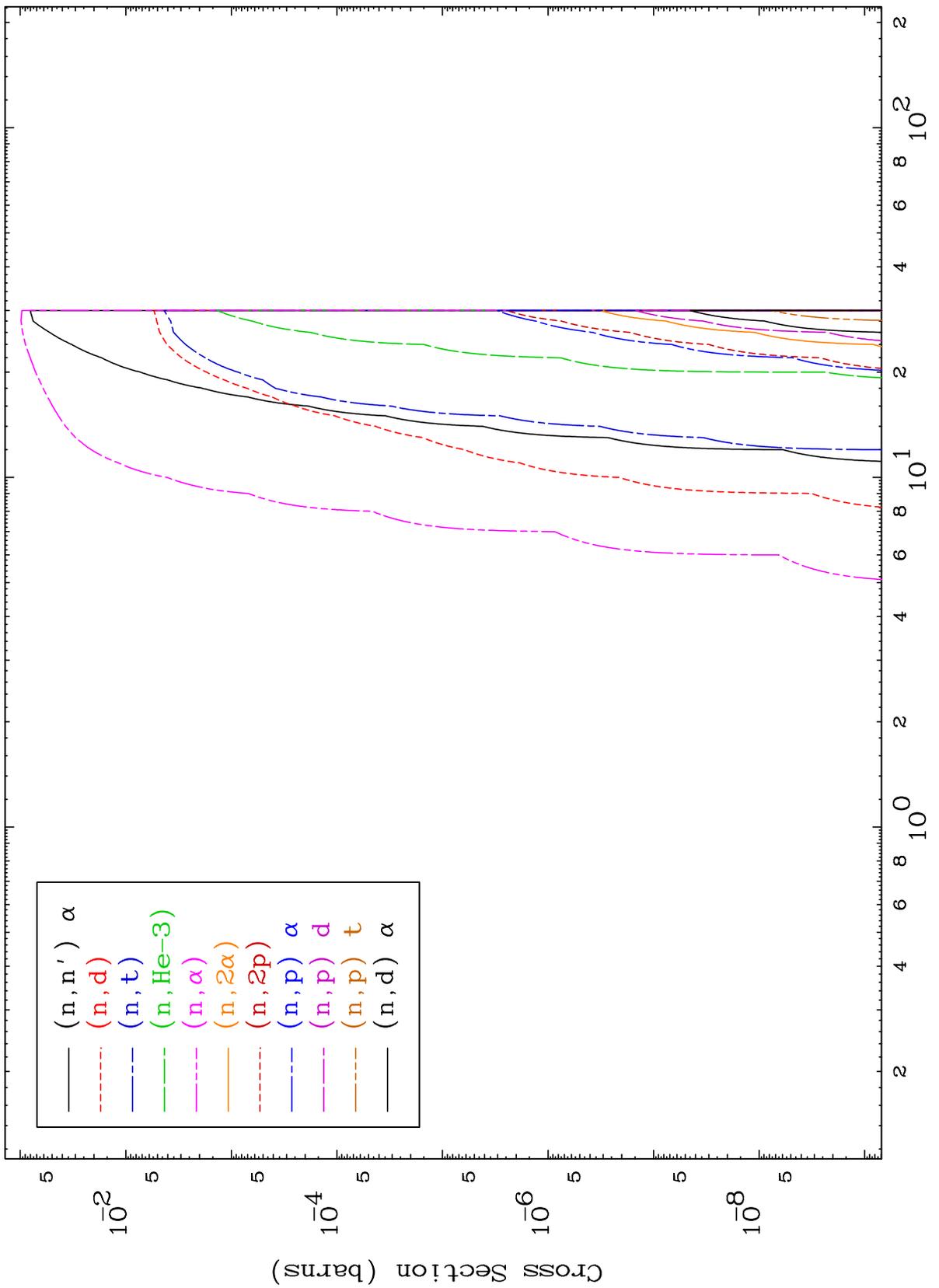




MAT 3140

α Charged Particle
0 Kelvin Cross Sections

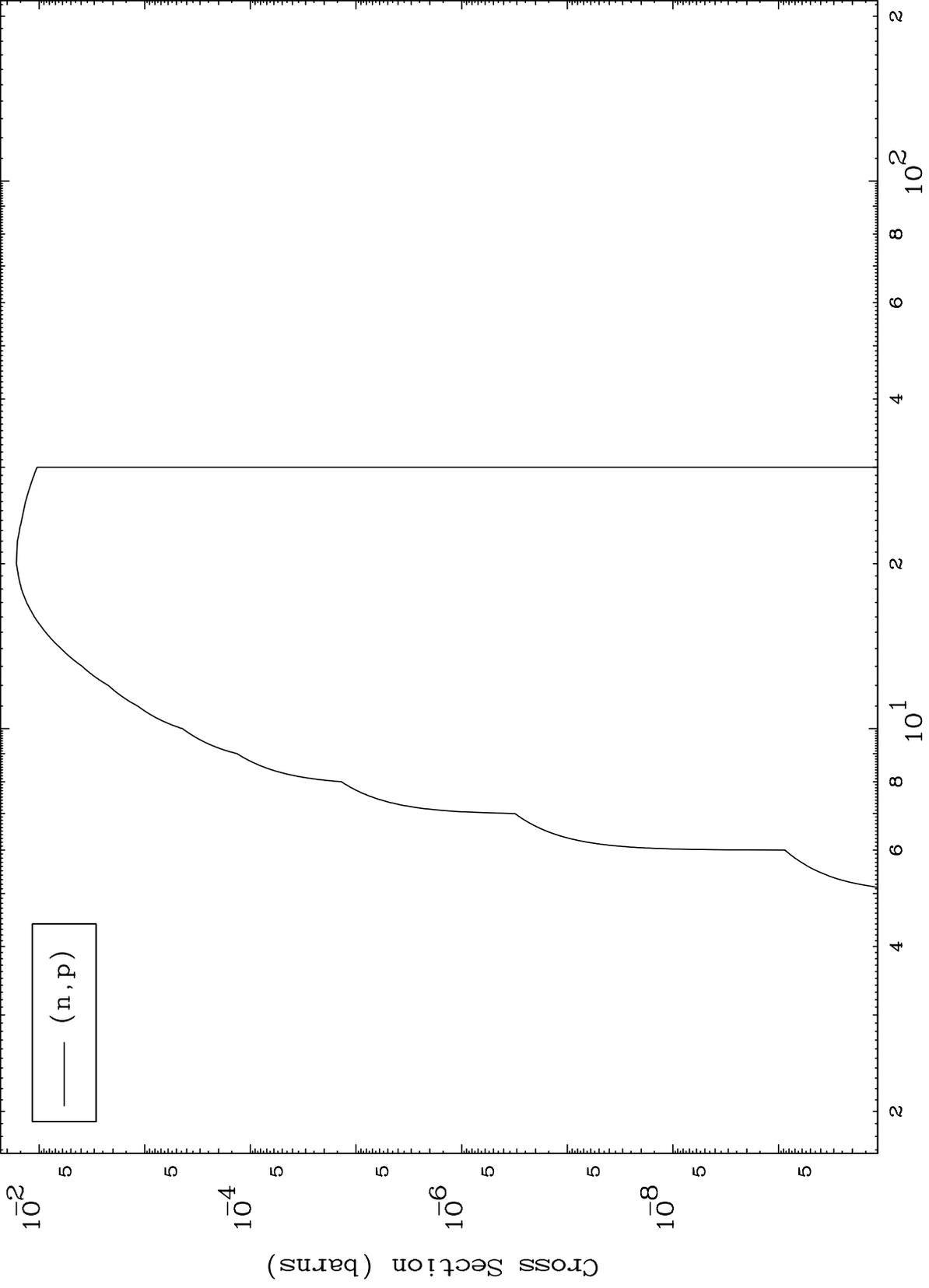
31-Ga-74



MAT 3140

(α, p) Levels
0 Kelvin Cross Sections

31-Ga-74



(n, p)

7

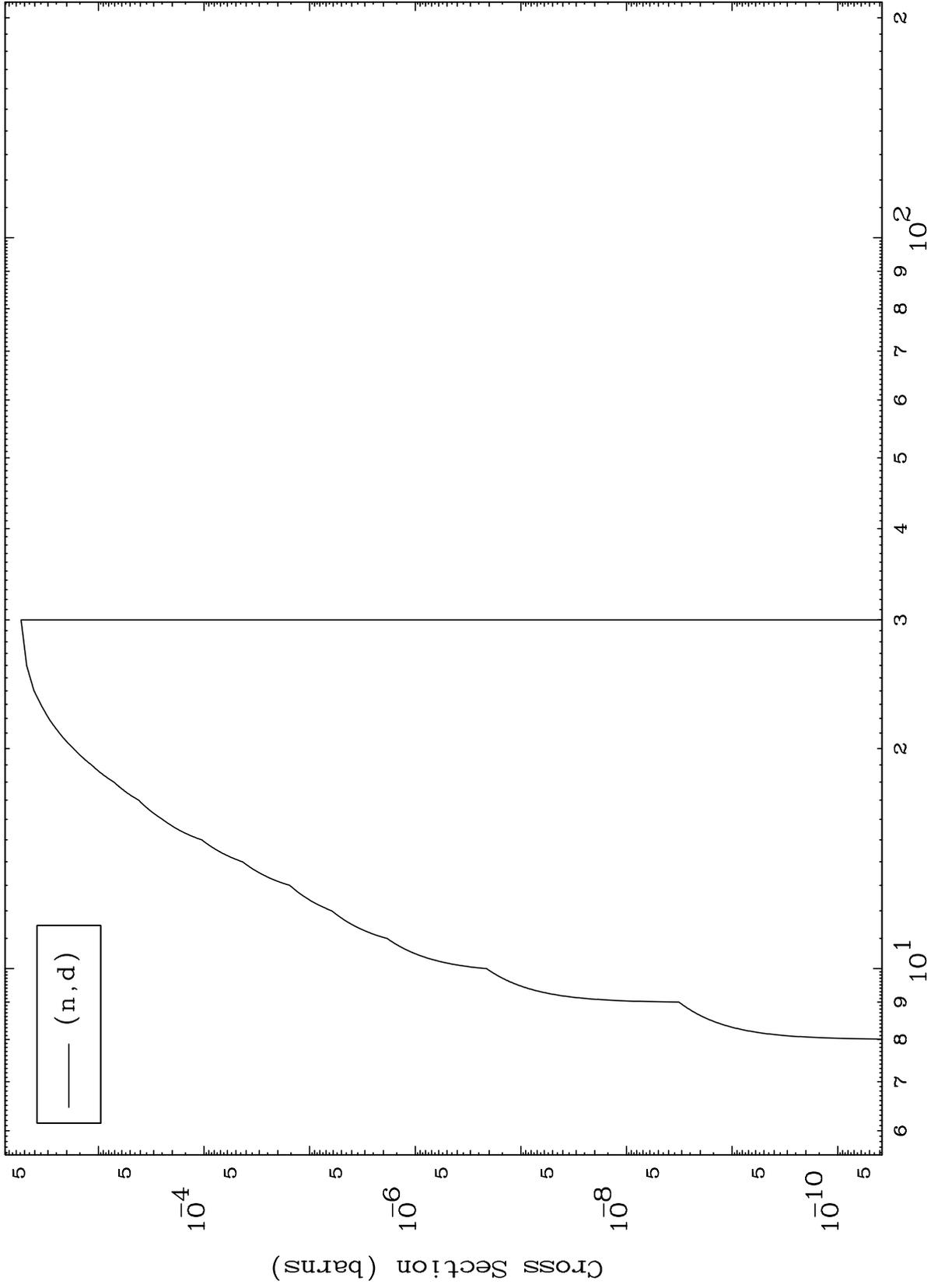
Incident Energy (MeV)

31-Ga-74

MAT 3140

(α, d) Levels
0 Kelvin Cross Sections

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



8

Incident Energy (MeV)

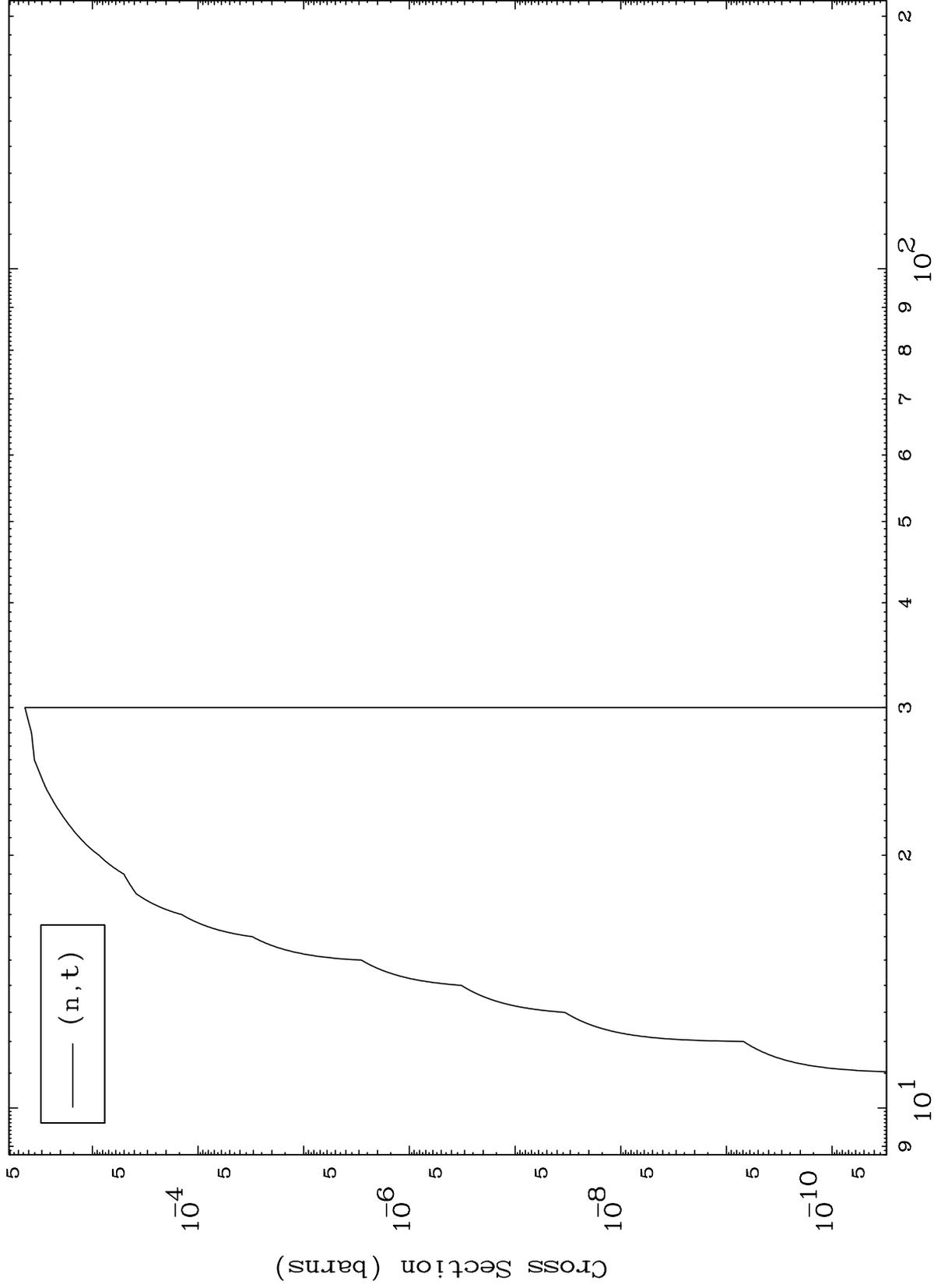
$^{31}\text{Ga-74}$

MAT 3140

(α, t) Levels

31-Ga-74

0 Kelvin Cross Sections



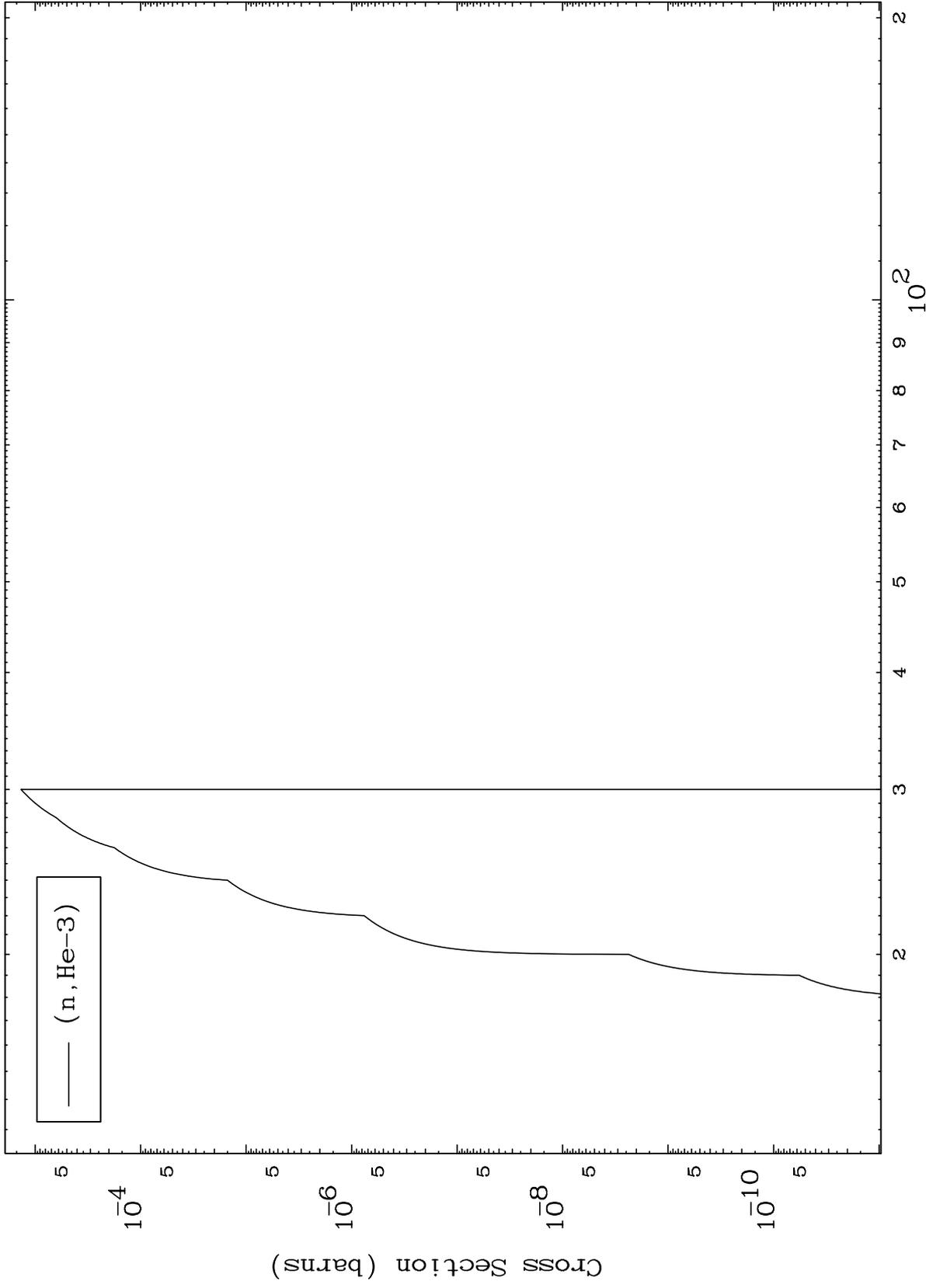
Incident Energy (MeV)

31-Ga-74

MAT 3140

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

31-Ga-74



10

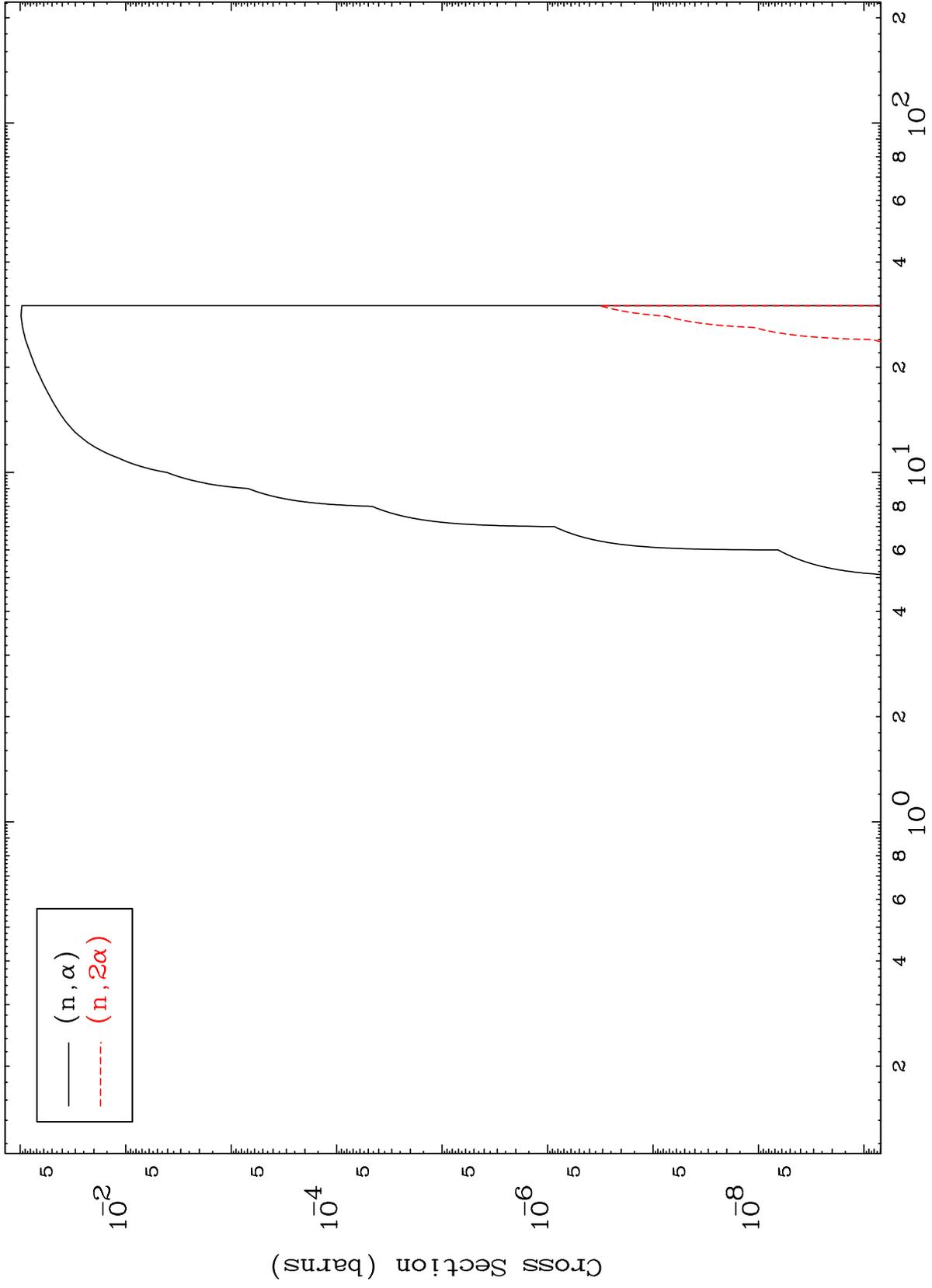
Incident Energy (MeV)

31-Ga-74

MAT 3140

(α, α) Levels
0 Kelvin Cross Sections

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

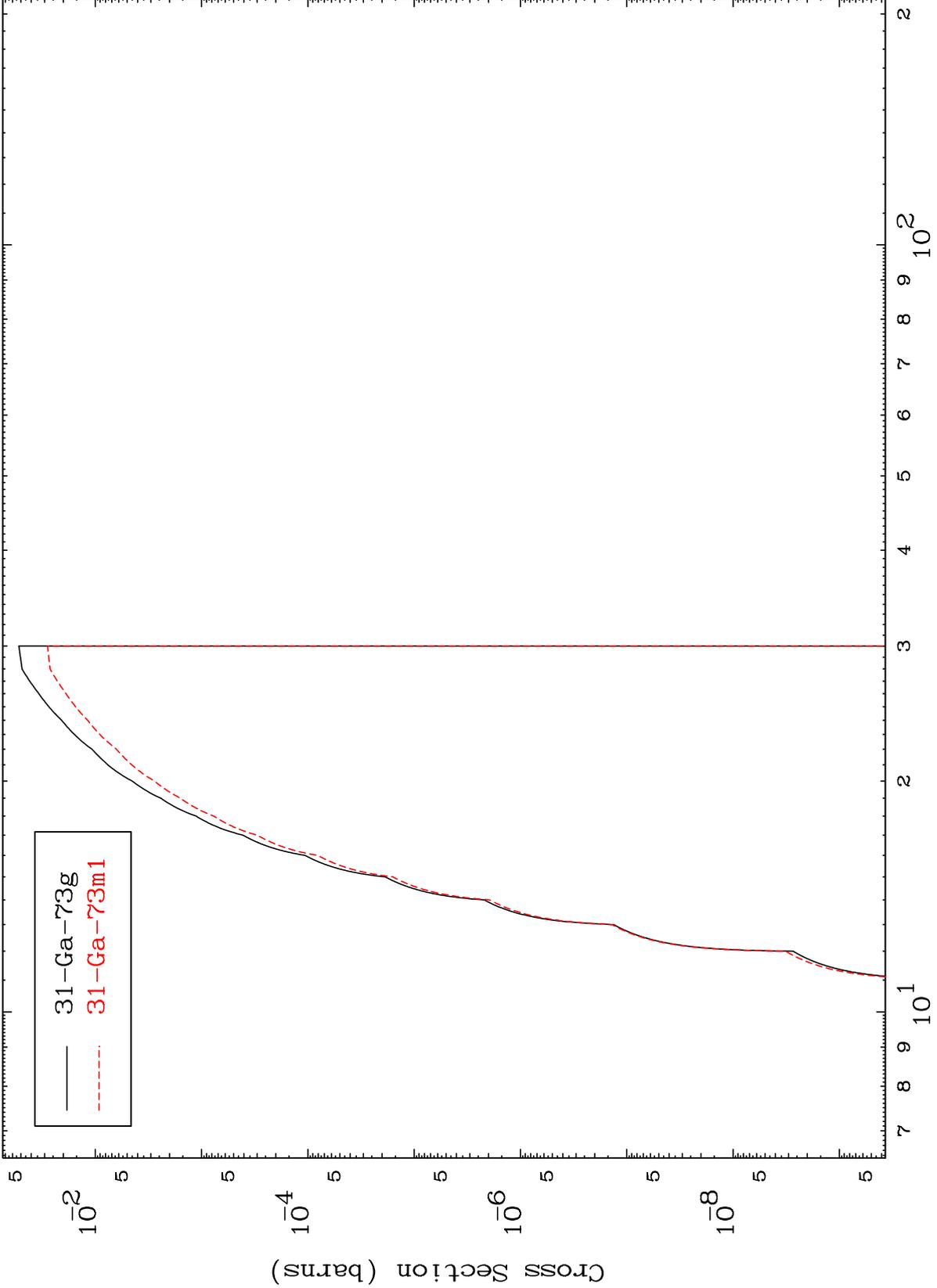


MAT 3140

(n, n') α

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

Radionuclide Production Cross Section

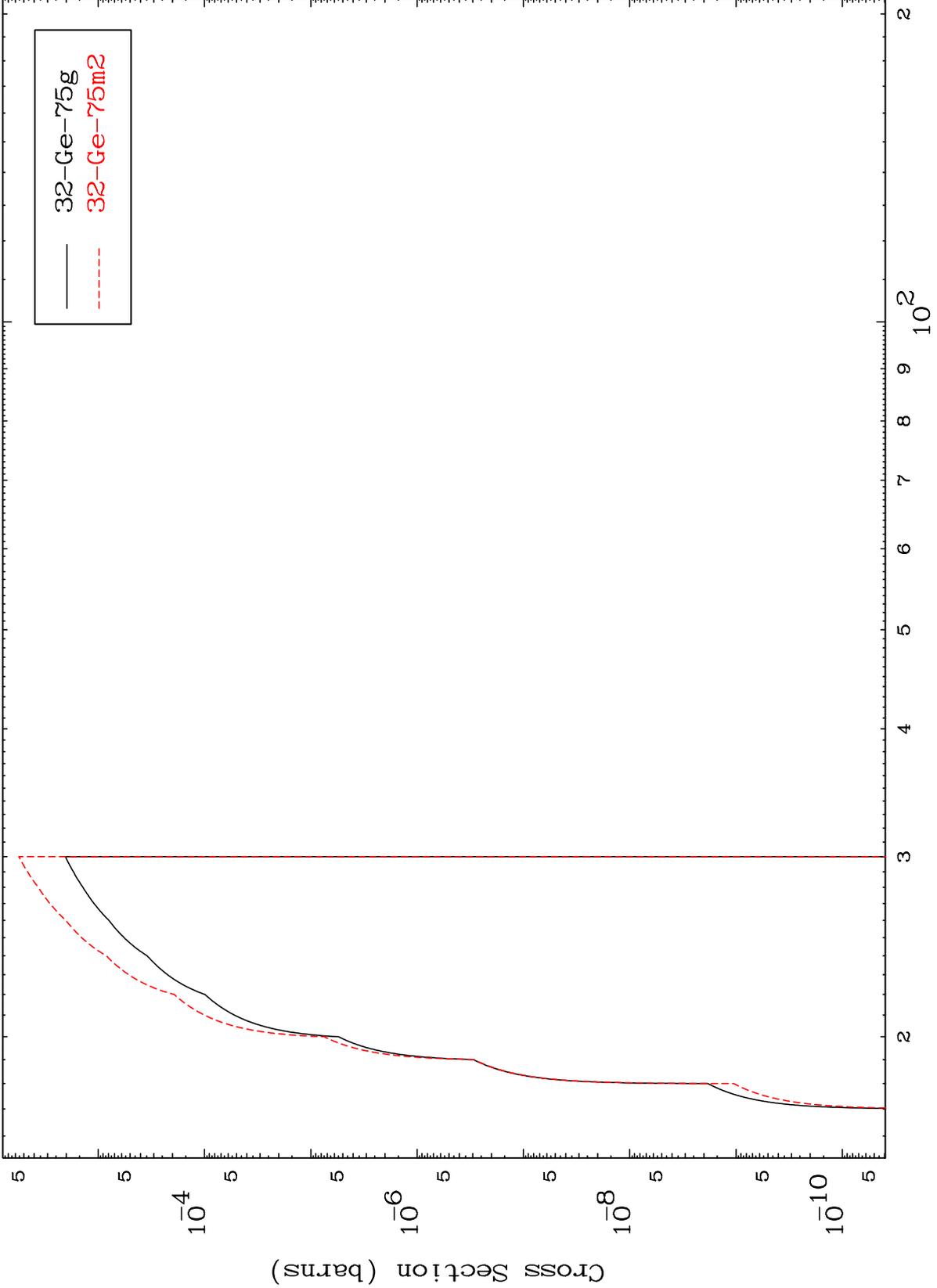


12

Incident Energy (MeV)

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

Radionuclide Production Cross Section

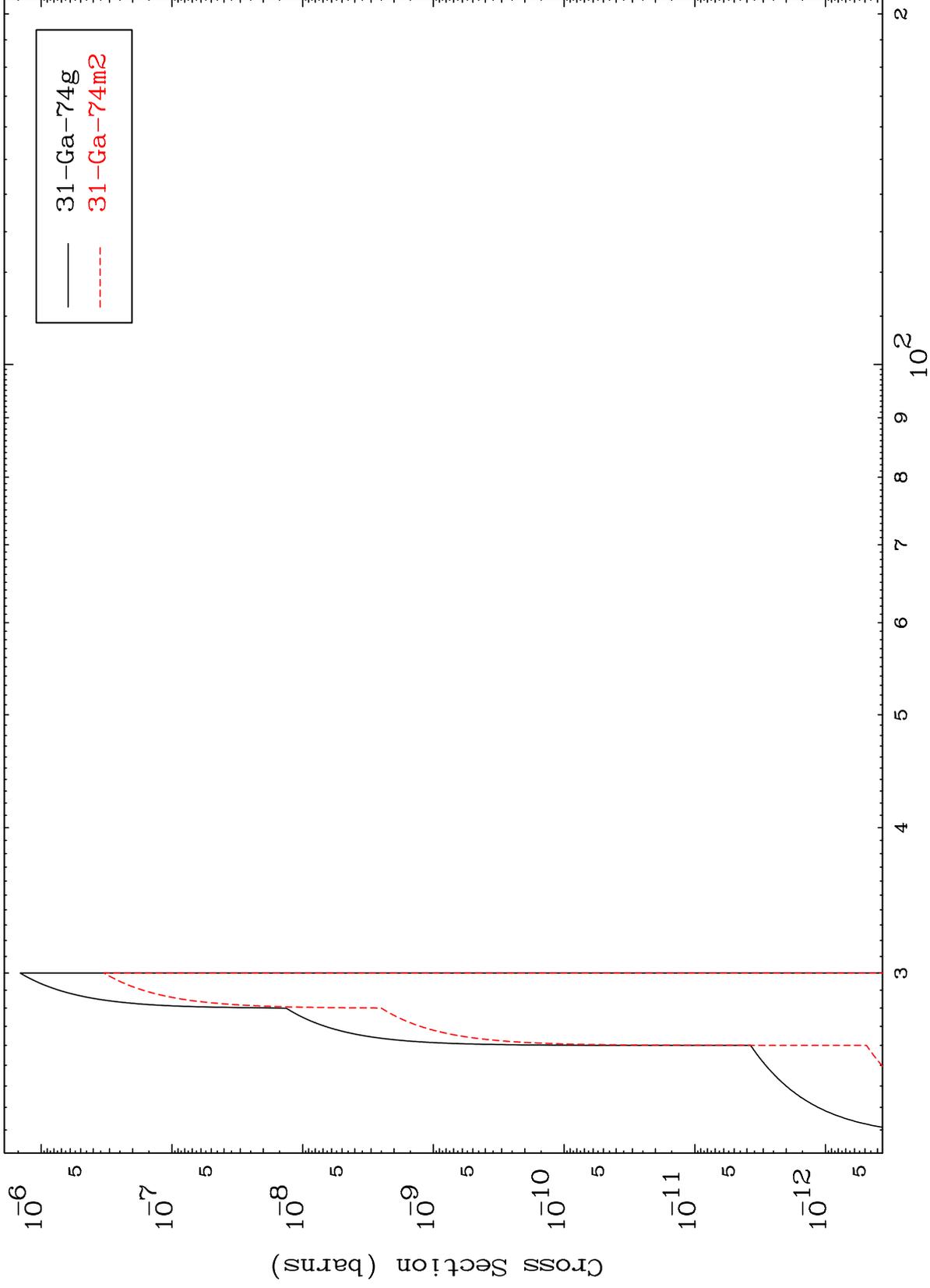


MAT 3140

(n,n') He-3

31-Ga-74

Radionuclide Production Cross Section



14

Incident Energy (MeV)

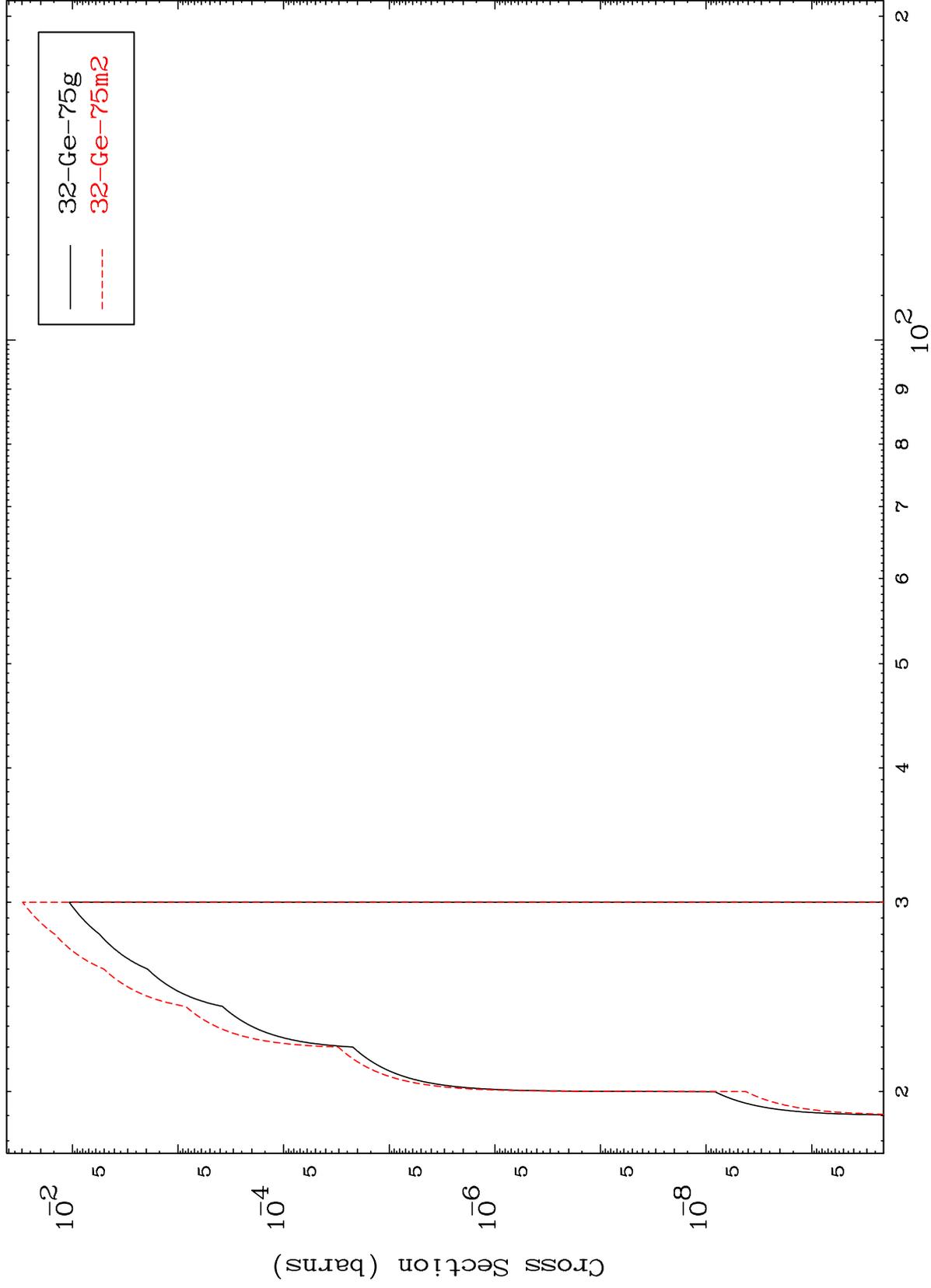
31-Ga-74

MAT 3140

(n,2n) p

31-Ga-74

Radionuclide Production Cross Section



15

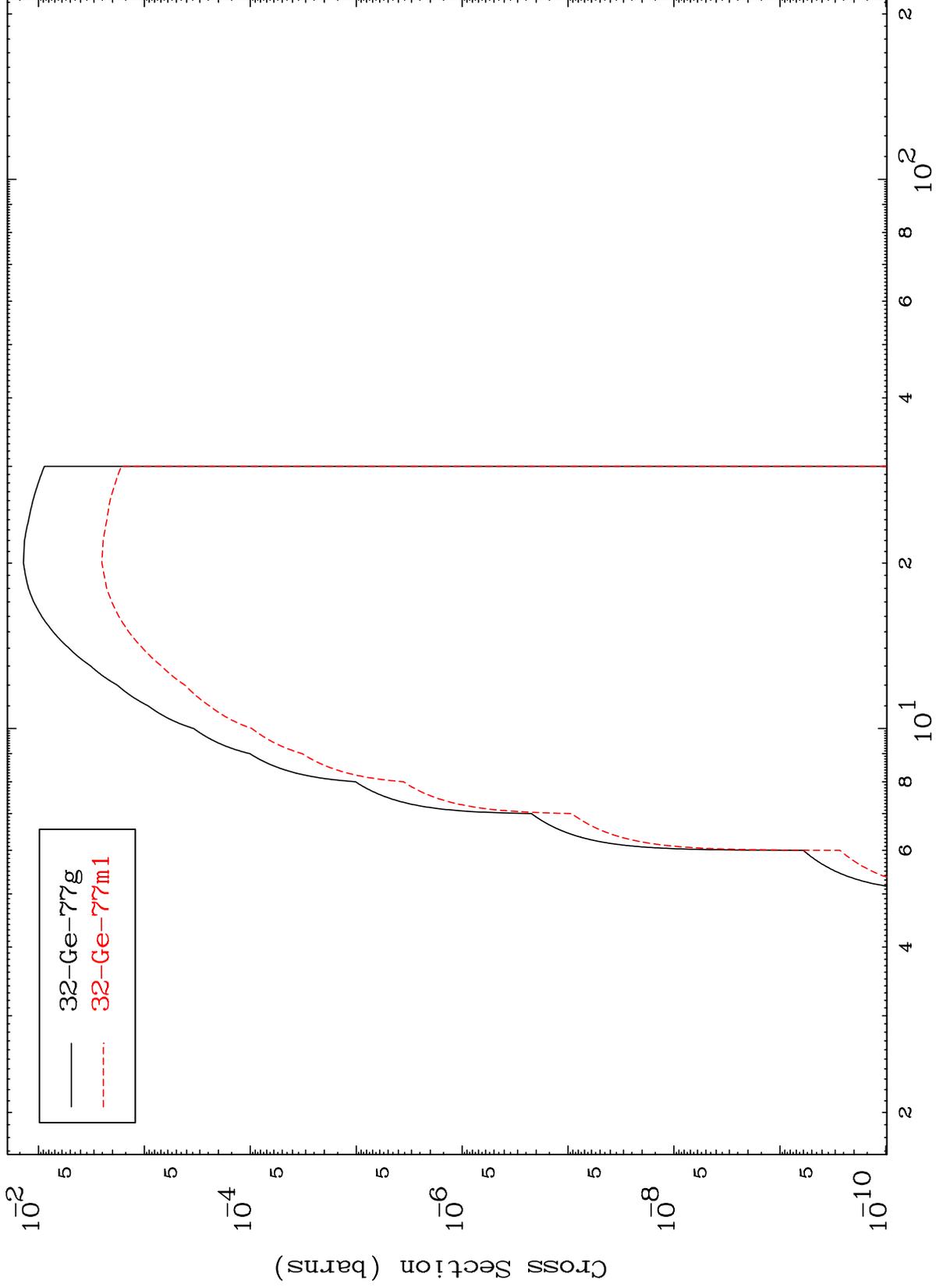
Incident Energy (MeV)

31-Ga-74

MAT 3140

³¹Ga-74

Radionuclide Production Cross Section (n,p)



³¹Ga-74

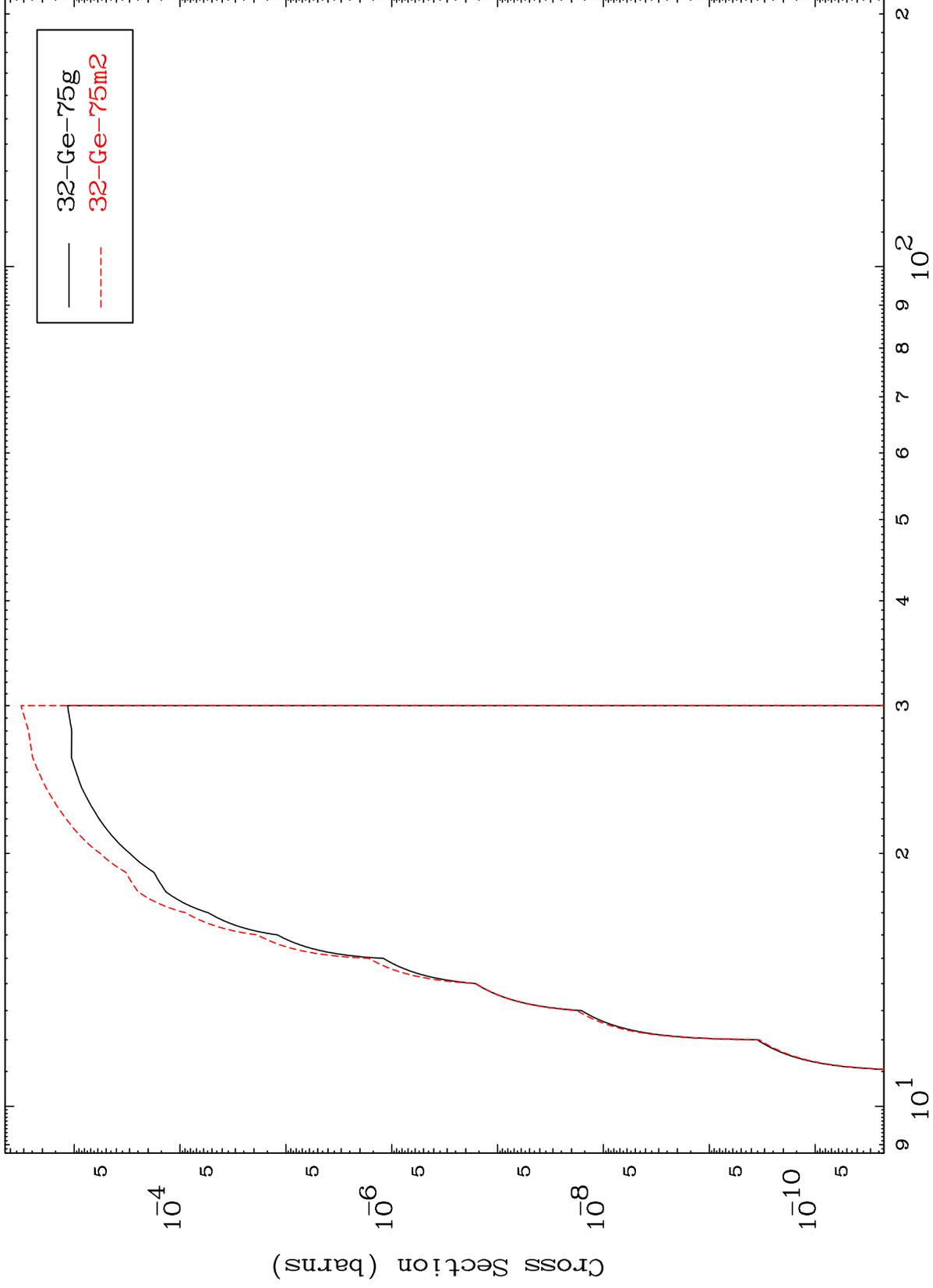
Incident Energy (MeV)

16

MAT 3140

31-Ga-74

(n, t)
Radionuclide Production Cross Section



31-Ga-74

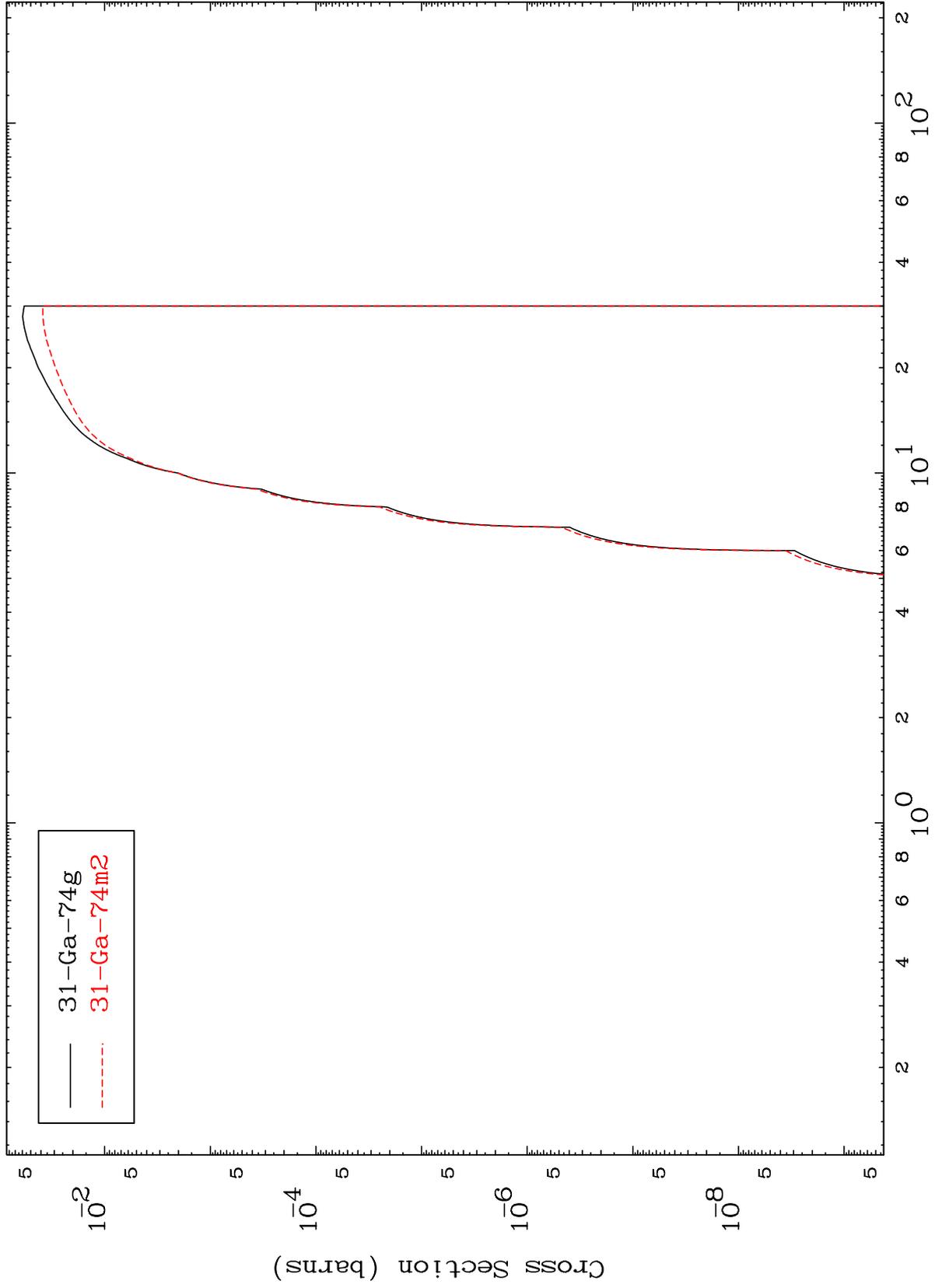
Incident Energy (MeV)

17

MAT 3140

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

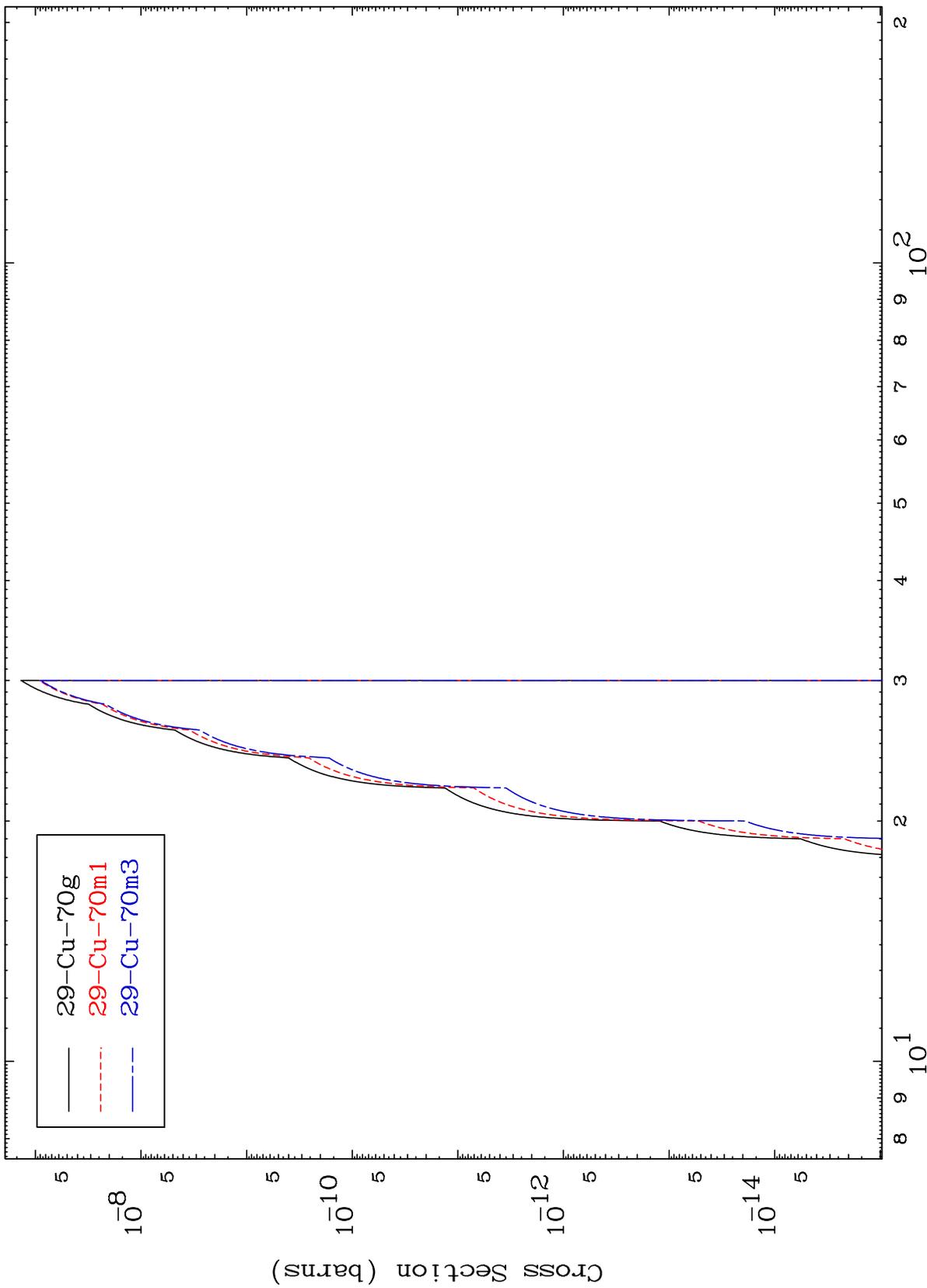
Radionuclide Production Cross Section



MAT 3140

31-Ga-74

Radionuclide Production Cross Section
(n,2 α)



31-Ga-74

Incident Energy (MeV)

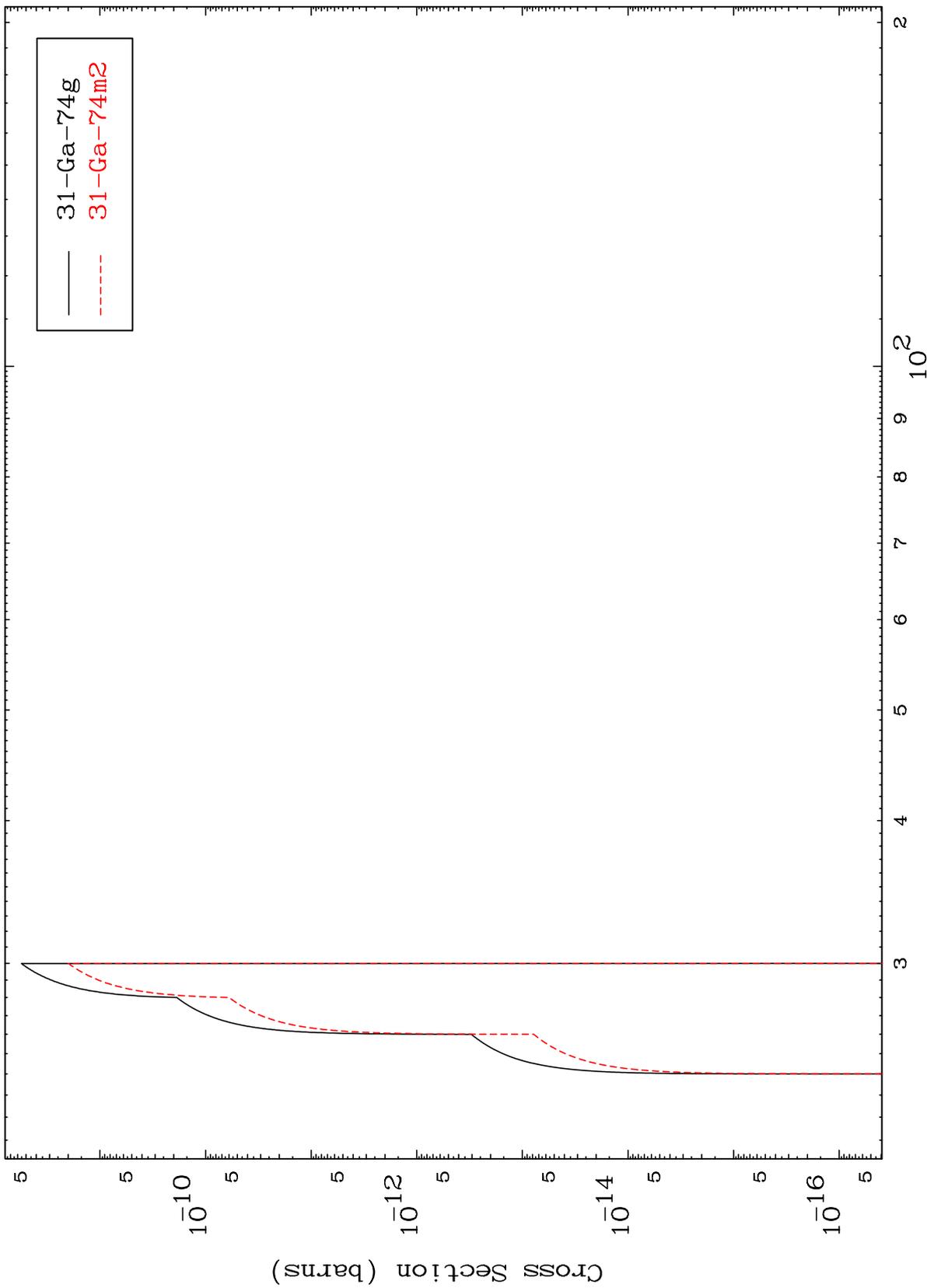
19

MAT 3140

(n,p) t

³¹Ga-74

Radionuclide Production Cross Section



20

Incident Energy (MeV)

³¹Ga-74