

Program EVALPLOT
(Version 2021-1)

by

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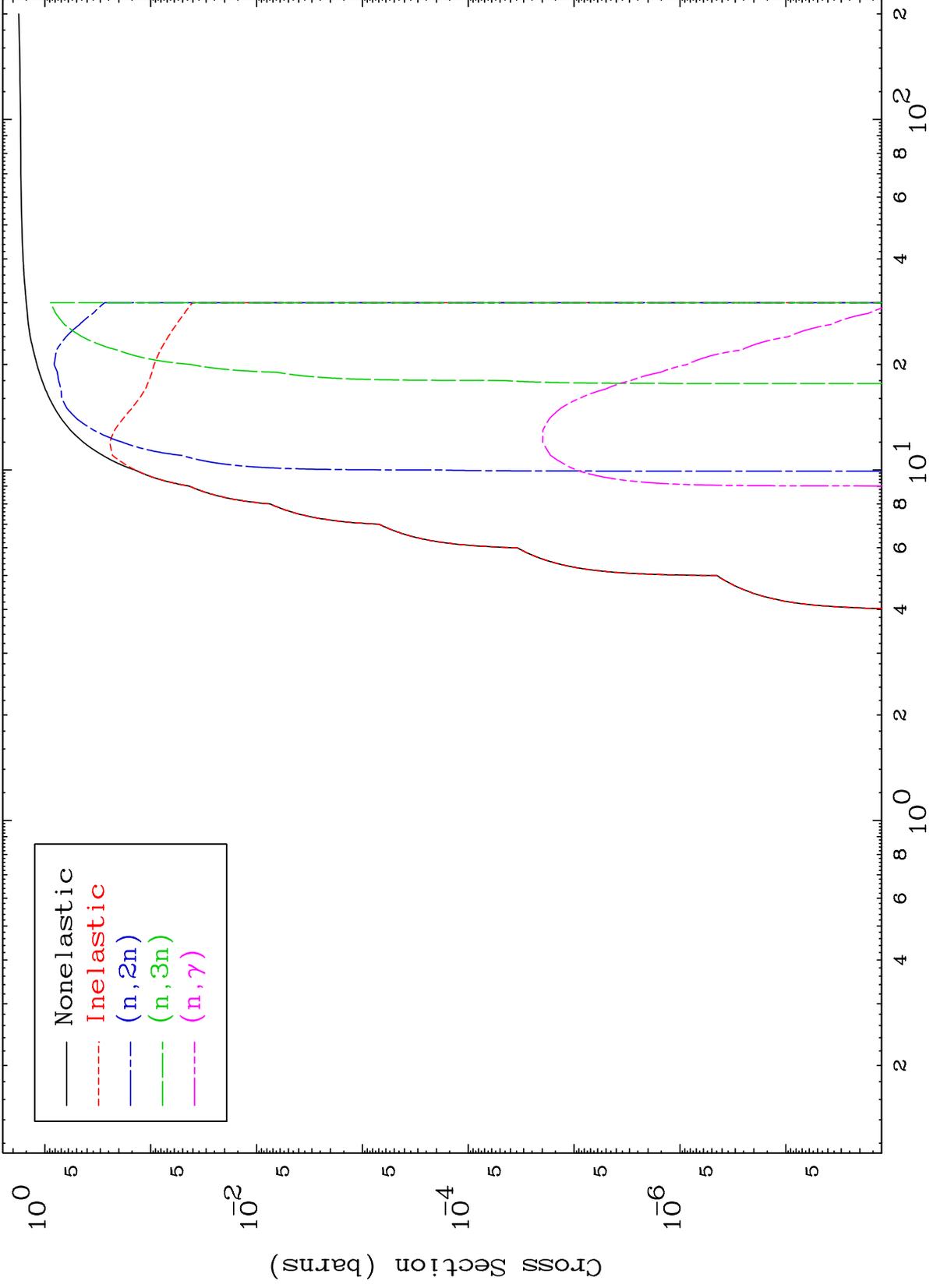
Press Mouse Button to Start

MAT 3141

0 Kelvin

α Major Cross Sections

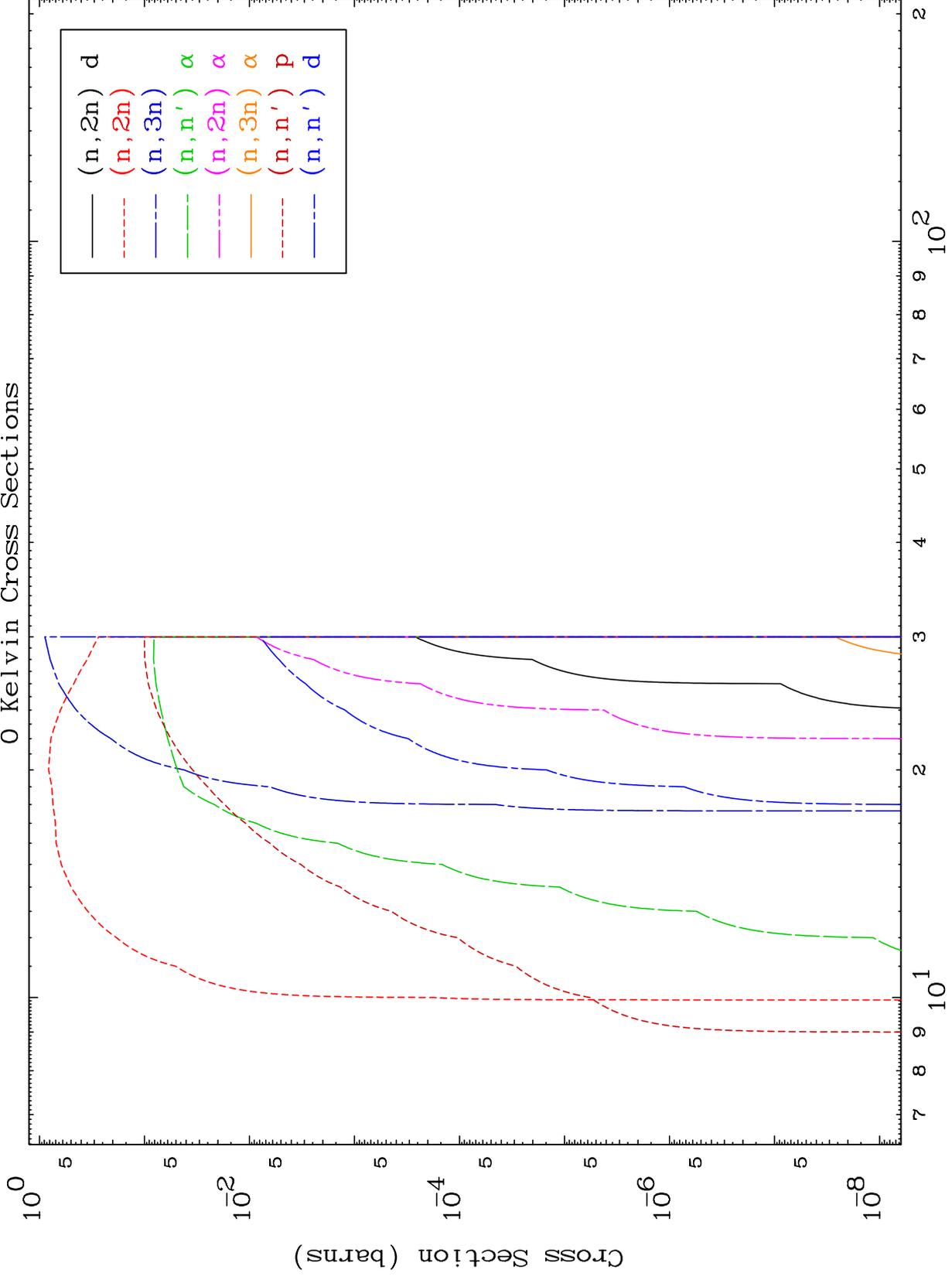
31-Ga-74m



MAT 3141

α Neutron Absorption
0 Kelvin Cross Sections

31-Ga-74m



2

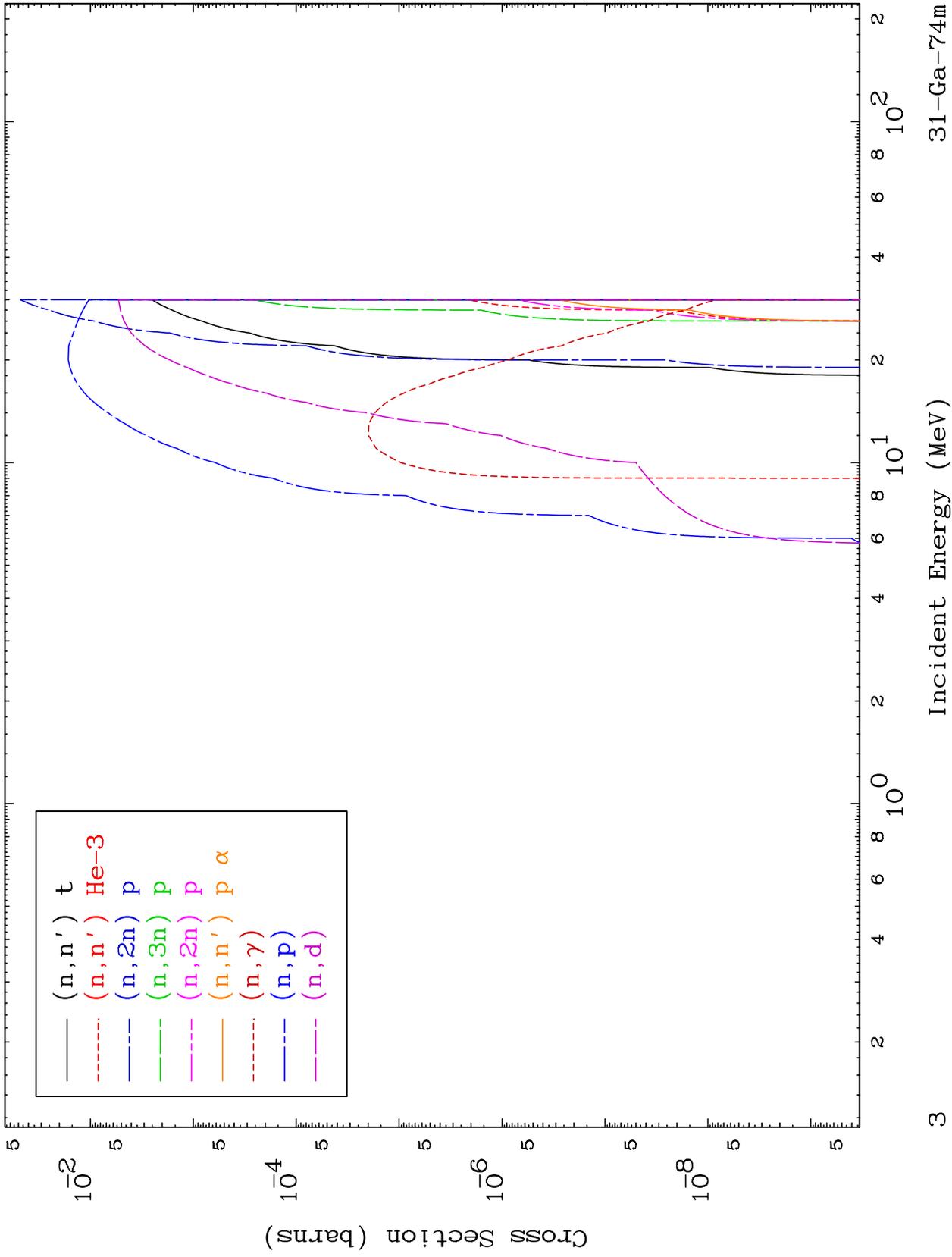
Incident Energy (MeV)

31-Ga-74m

MAT 3141

α Neutron Absorption
0 Kelvin Cross Sections

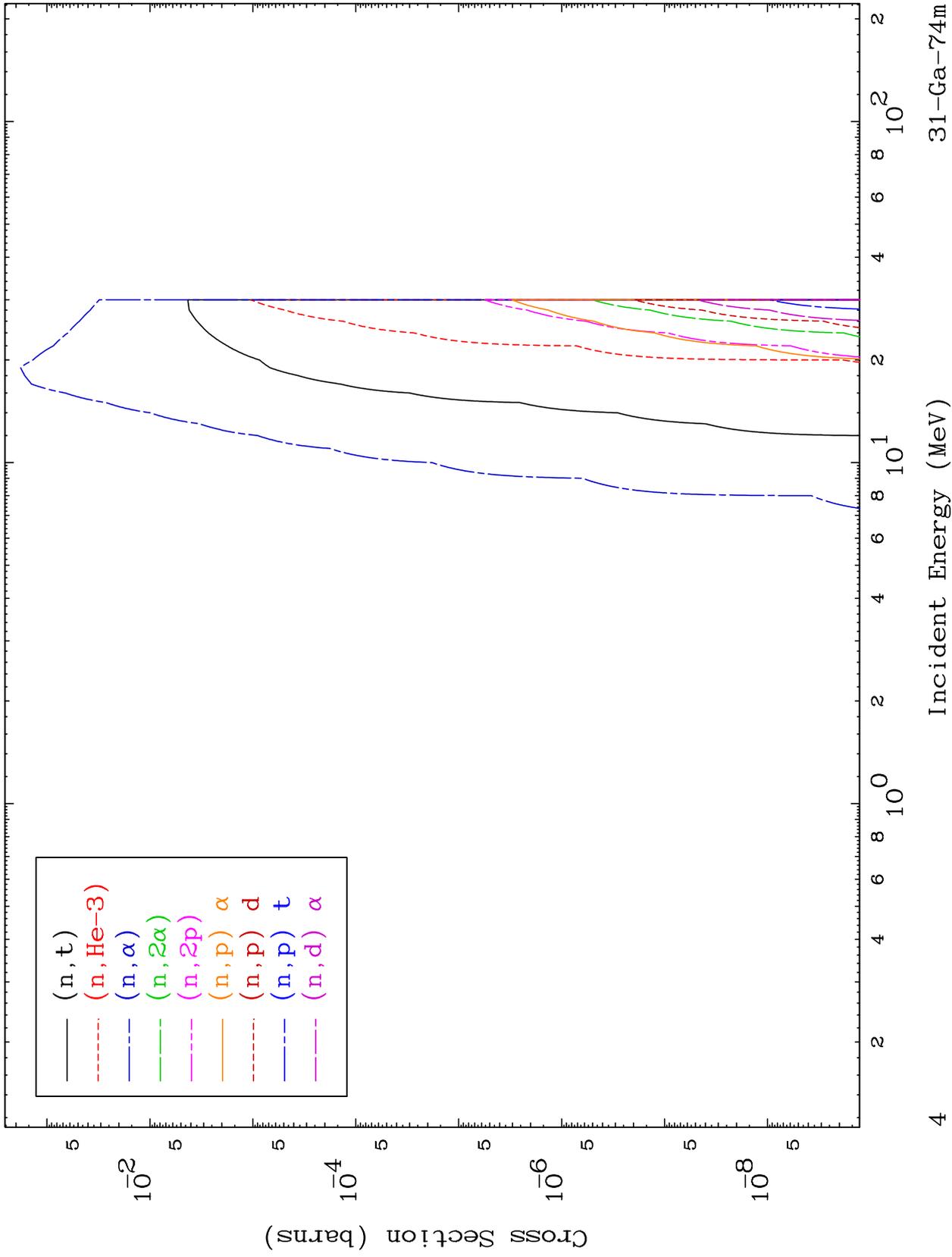
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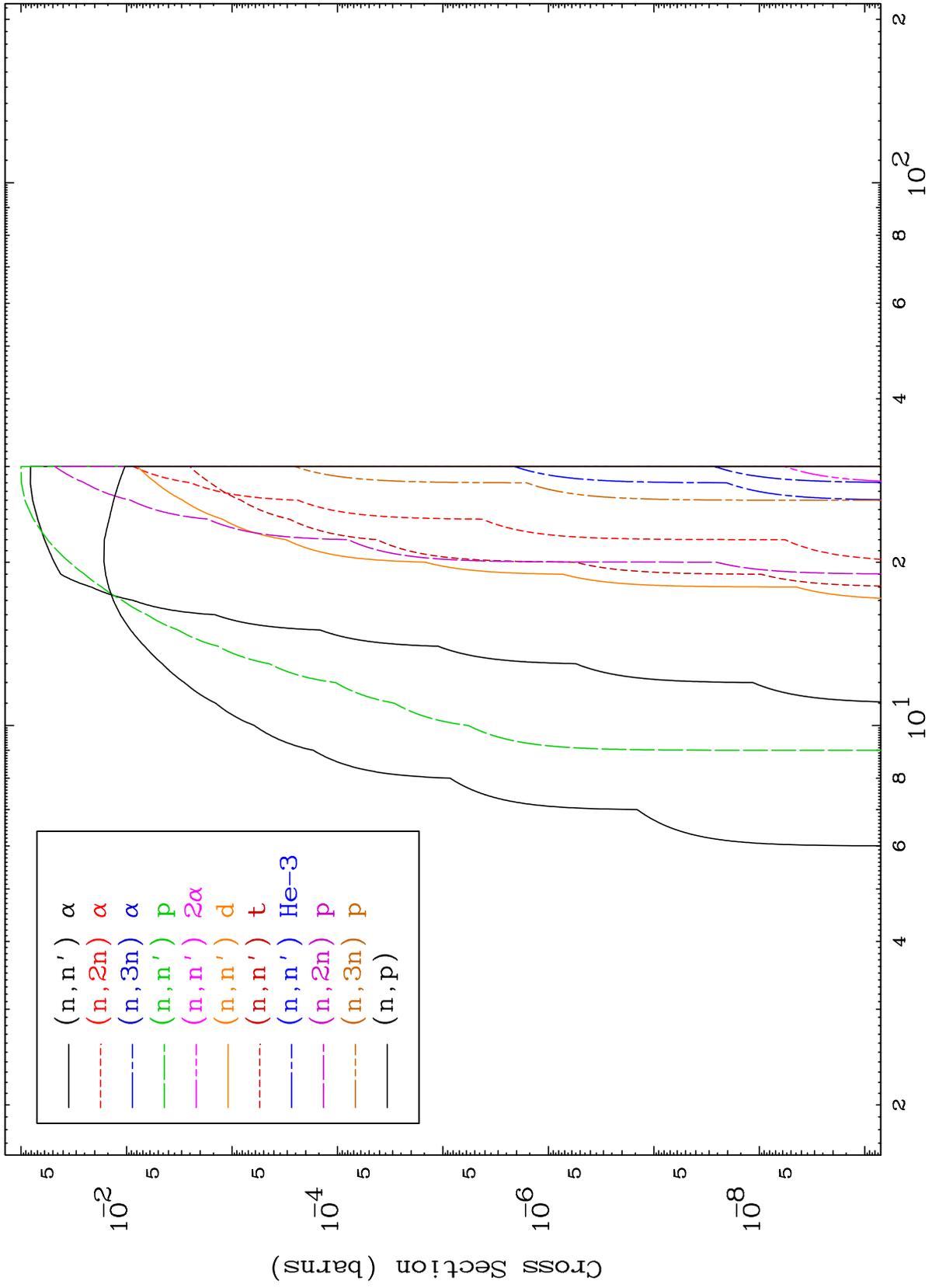


MAT 3141

α Neutron Absorption
0 Kelvin Cross Sections

31-Ga-74m

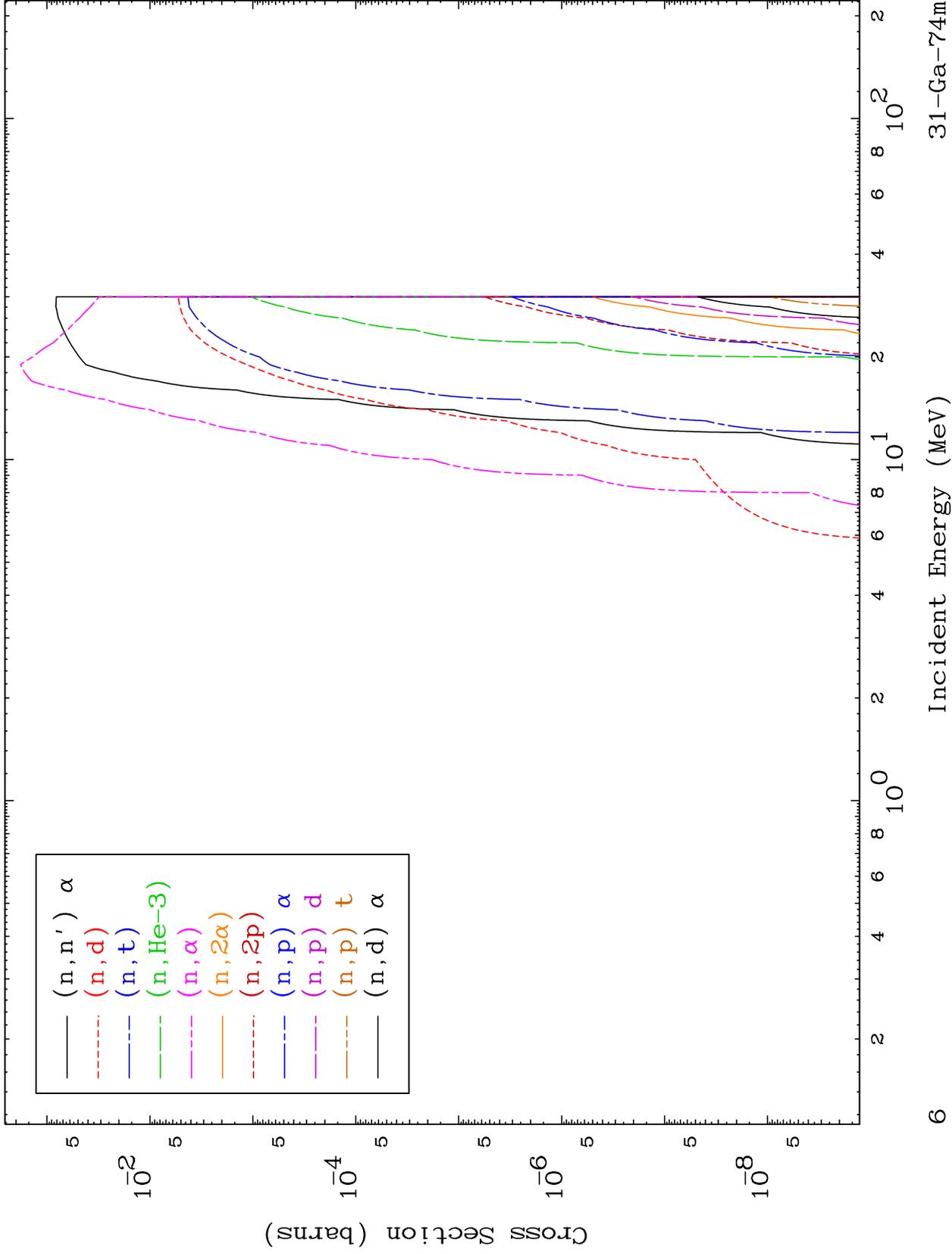




MAT 3141

α Charged Particle
0 Kelvin Cross Sections

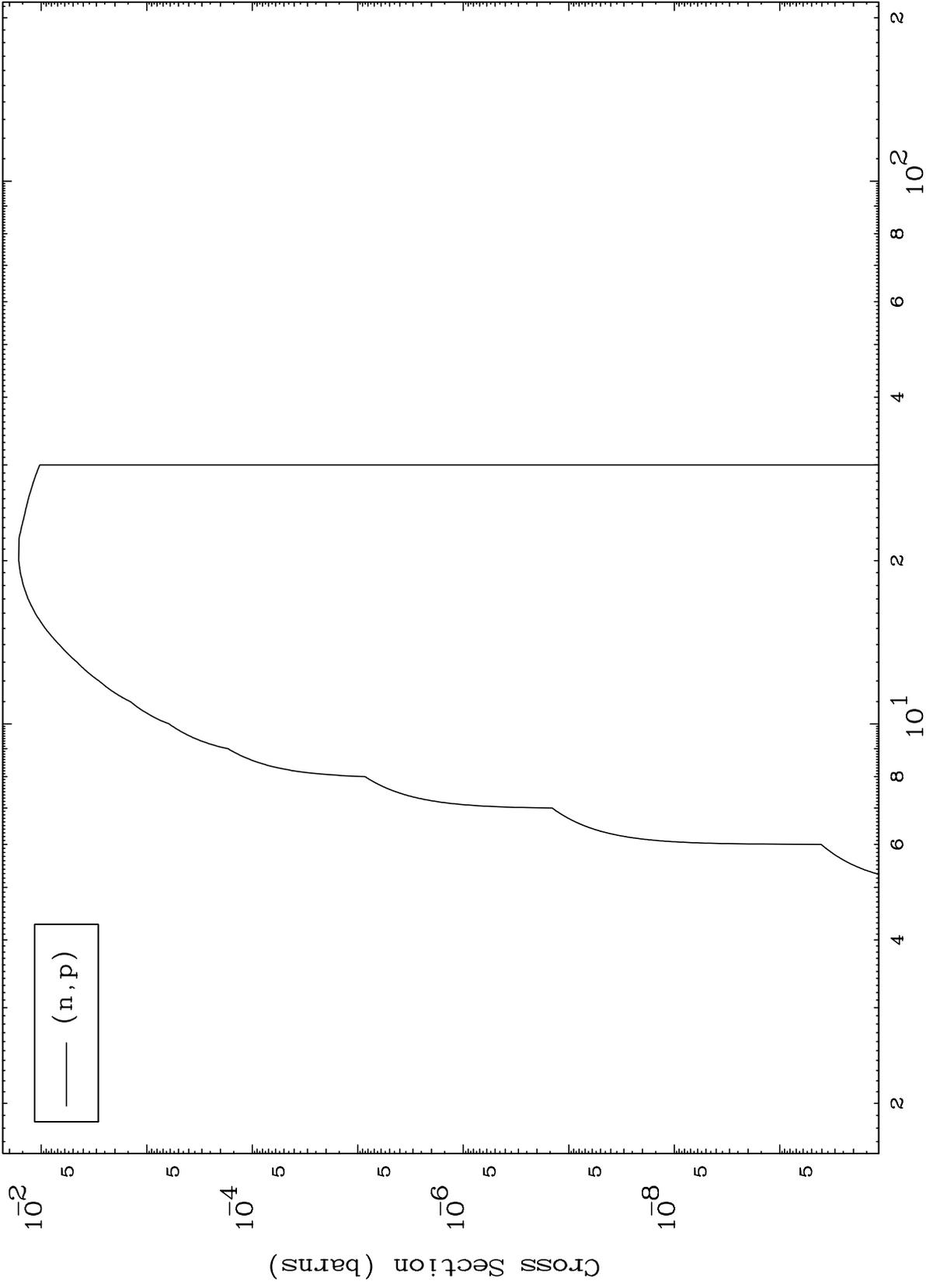
31-Ga-74m



MAT 3141

(α, p) Levels
0 Kelvin Cross Sections

31-Ga-74m



7

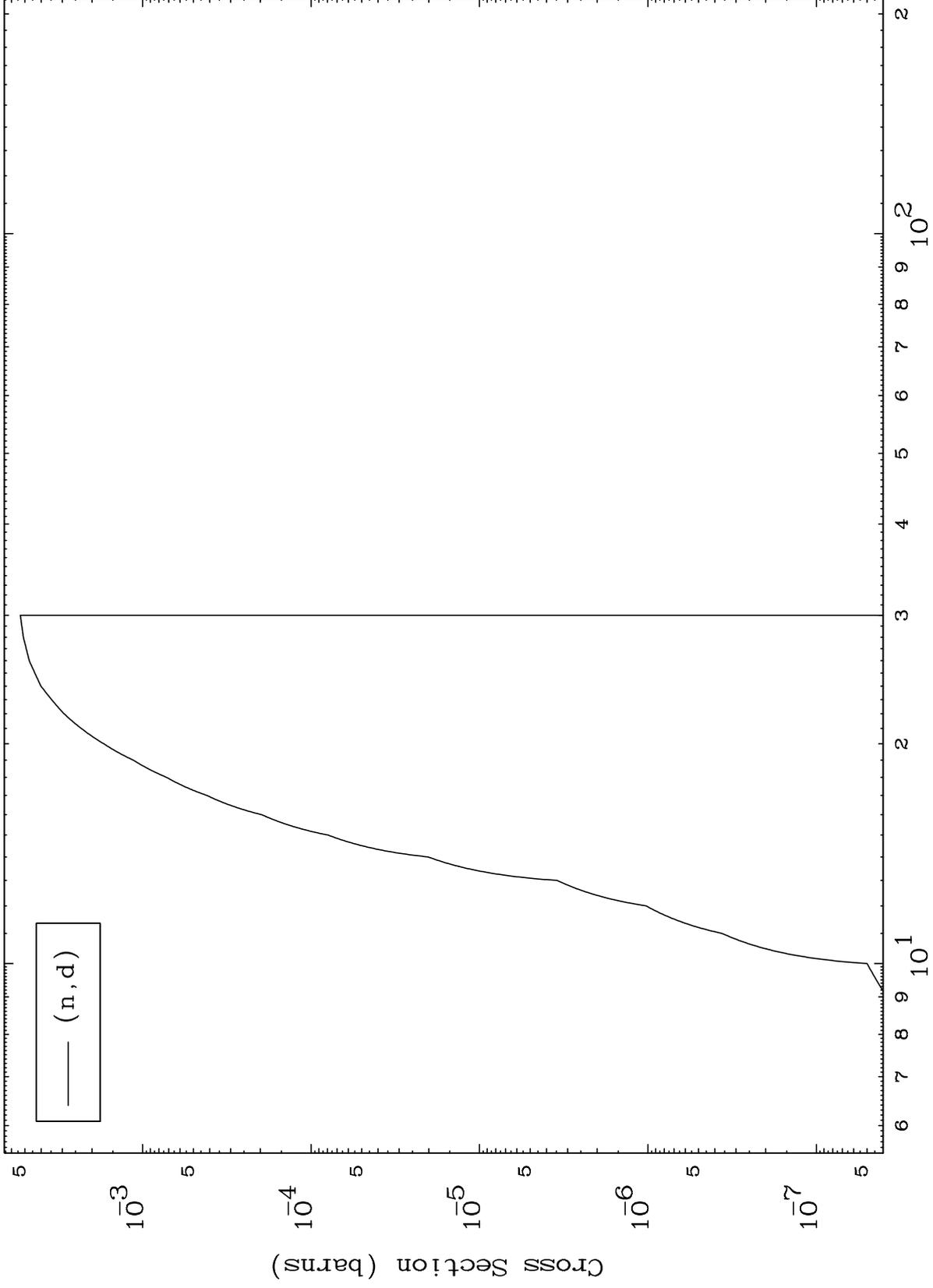
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(α, d) Levels
0 Kelvin Cross Sections

31-Ga-74m



8

Incident Energy (MeV)

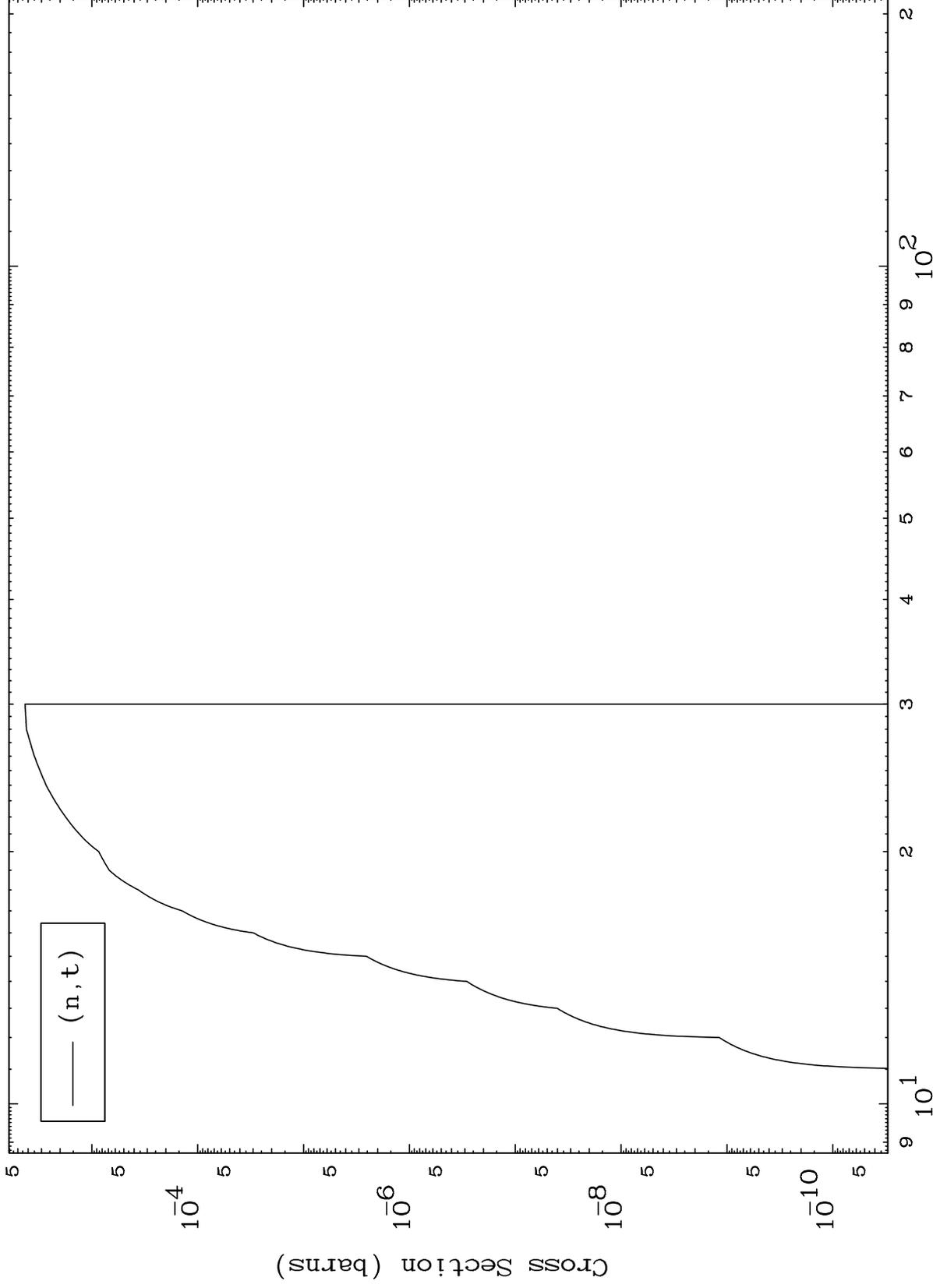
31-Ga-74m

MAT 3141

(α, t) Levels

31-Ga-74m

0 Kelvin Cross Sections



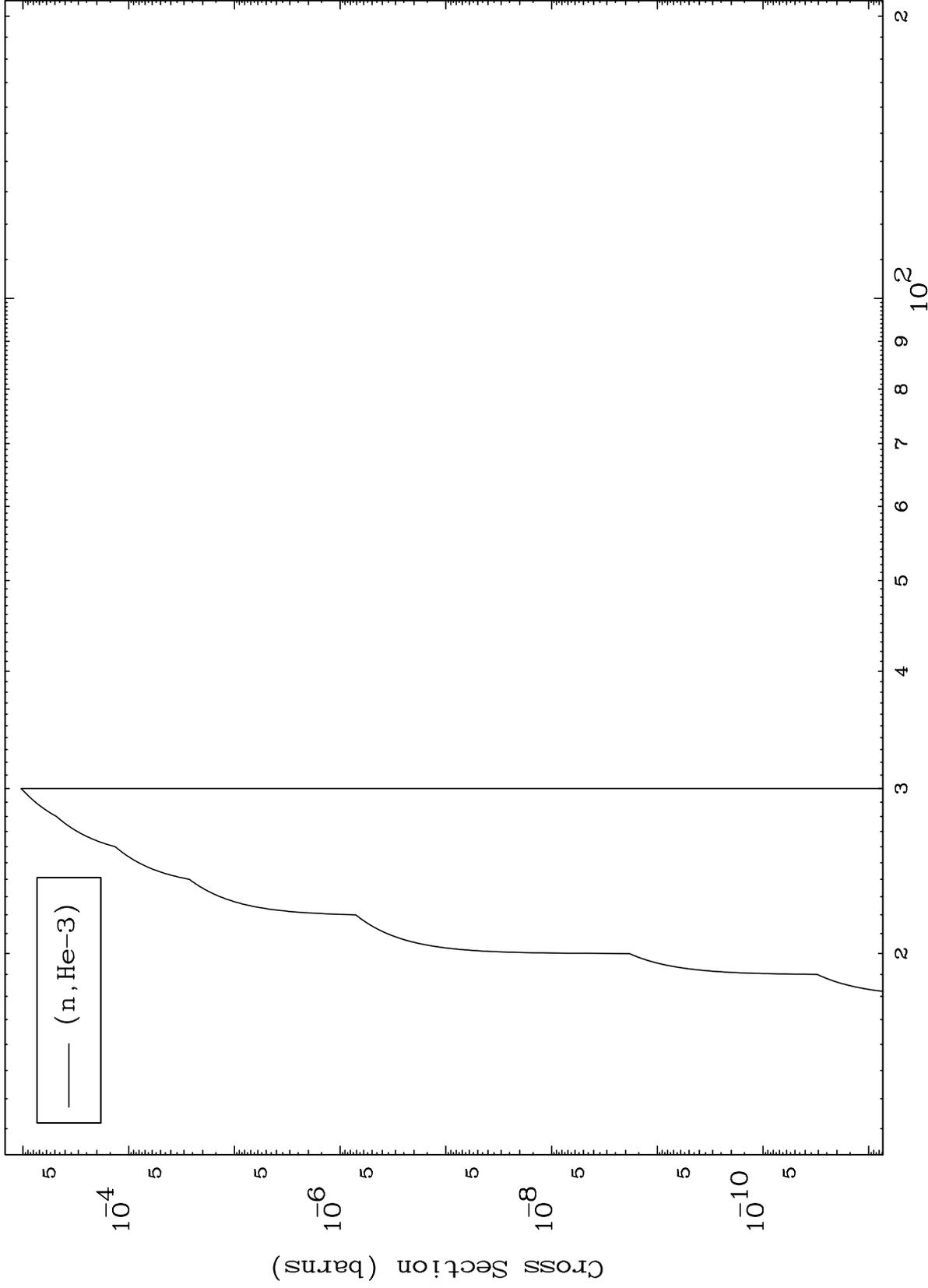
Incident Energy (MeV)

31-Ga-74m

MAT 3141

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

31-Ga-74m



10

Incident Energy (MeV)

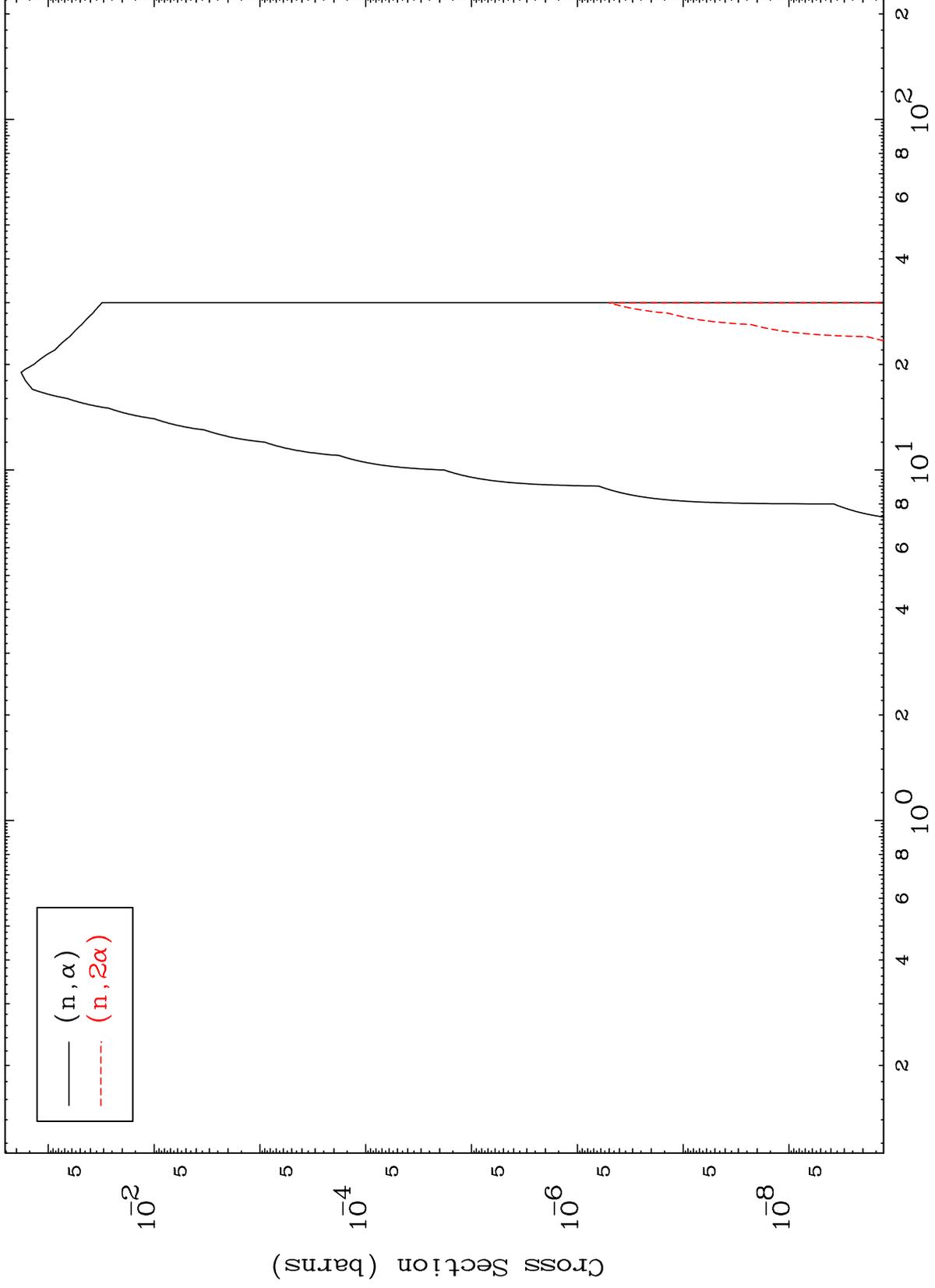
31-Ga-74m

MAT 3141

(α, α) Levels

31-Ga-74m

0 Kelvin Cross Sections

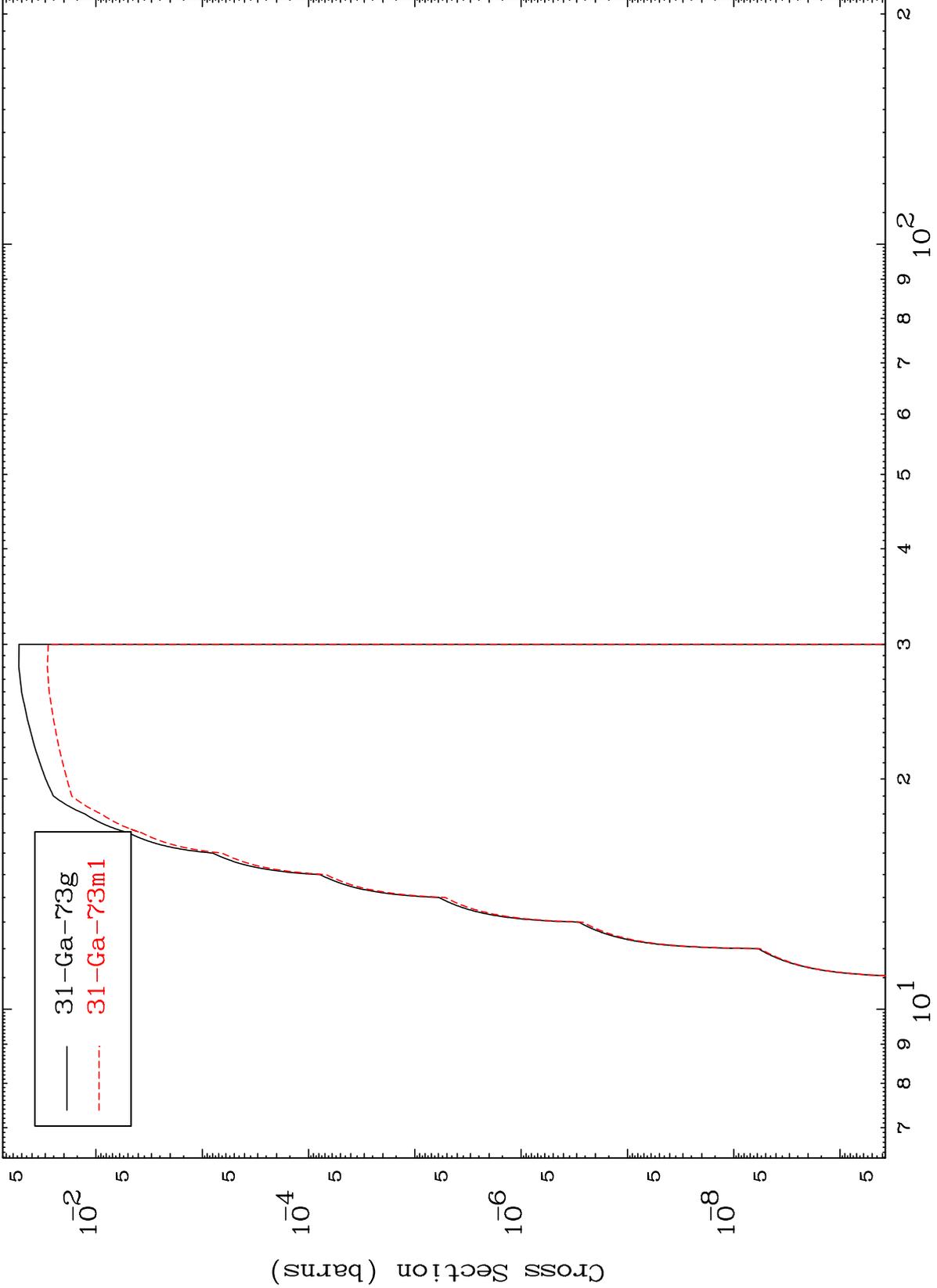


MAT 3141

$(n, n') \alpha$

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

Radionuclide Production Cross Section



12

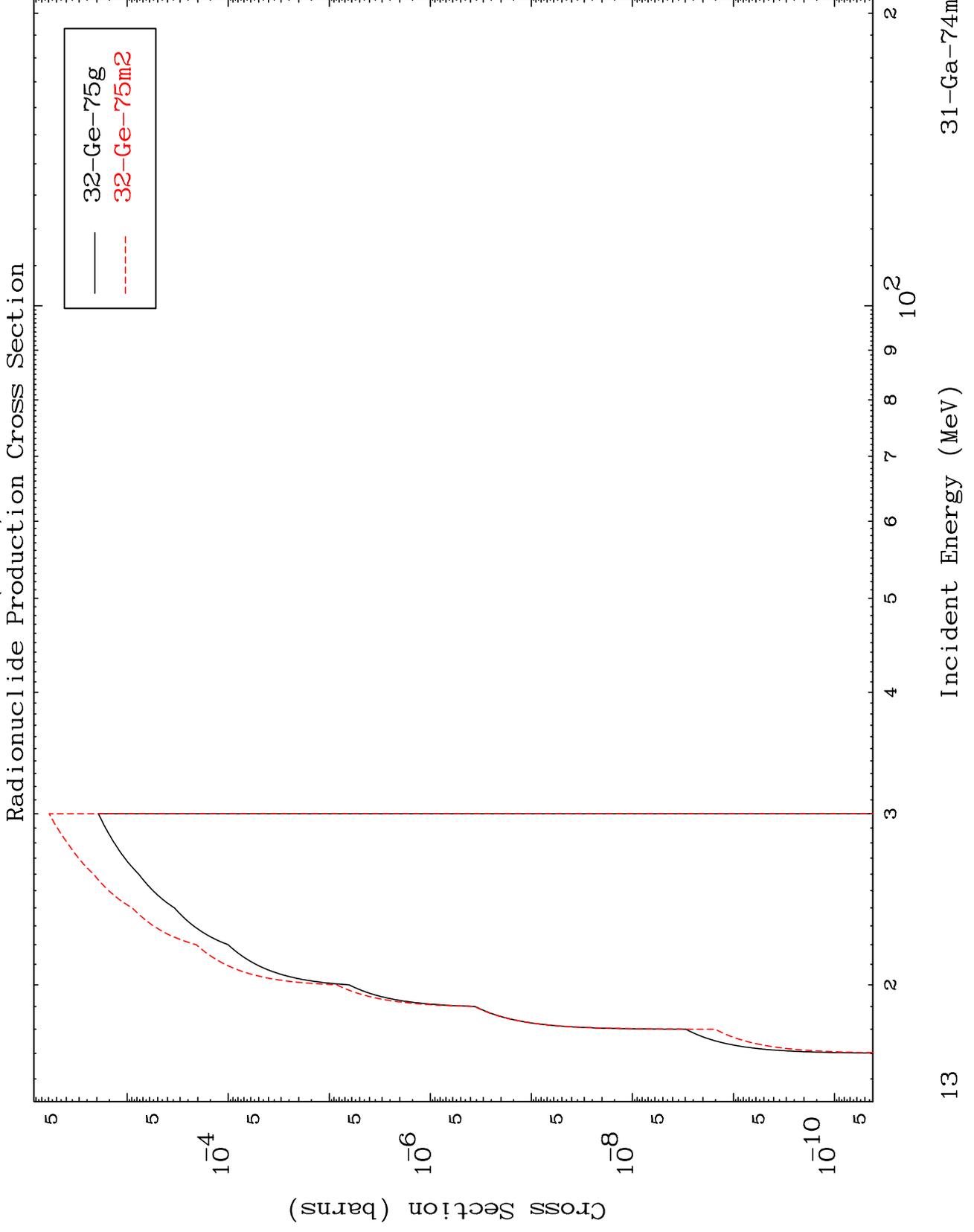
Incident Energy (MeV)

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

MAT 3141

(n,n') d

31-Ga-74m



13

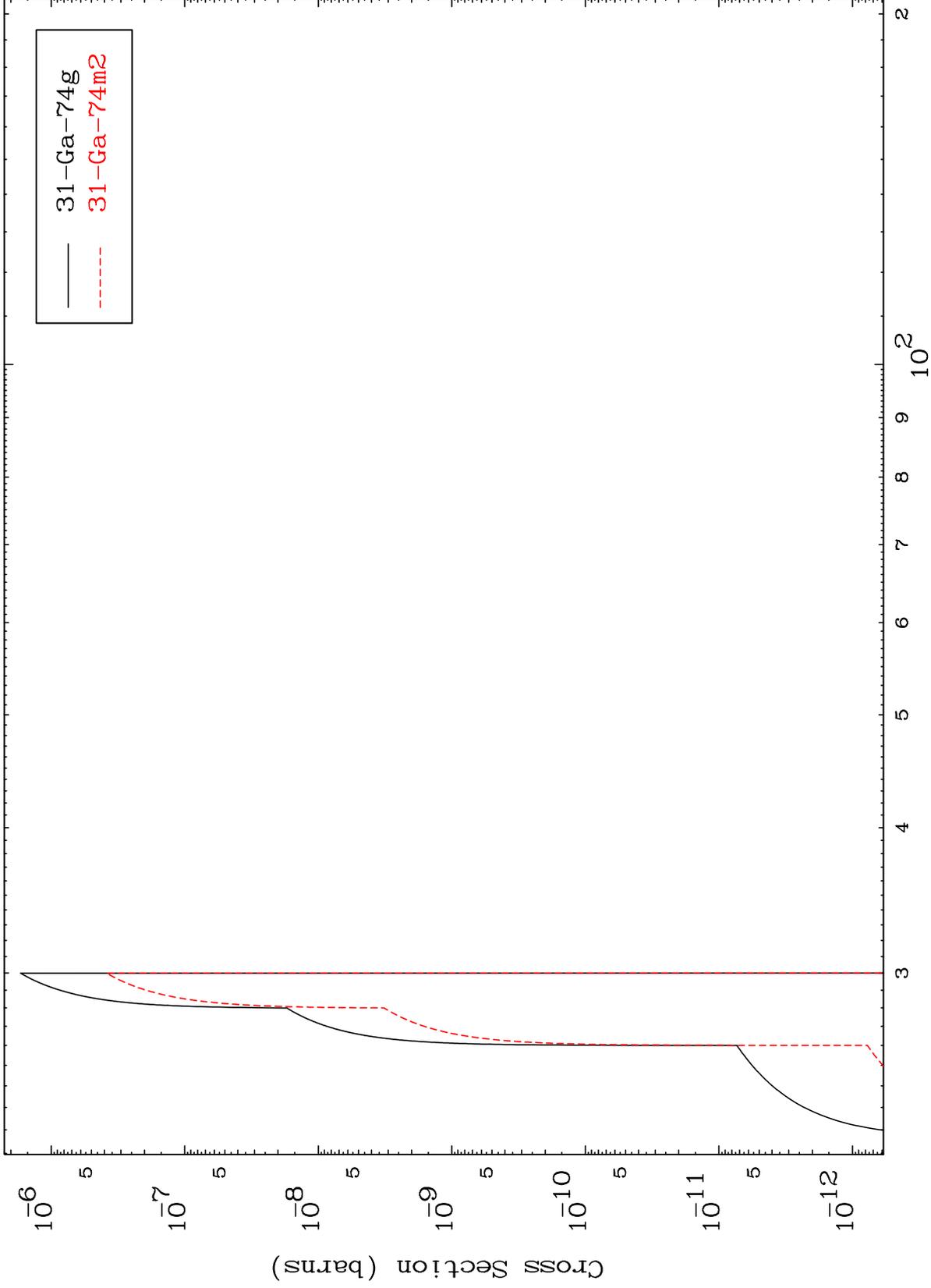
31-Ga-74m

MAT 3141

(n,n') He-3

31-Ga-74m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

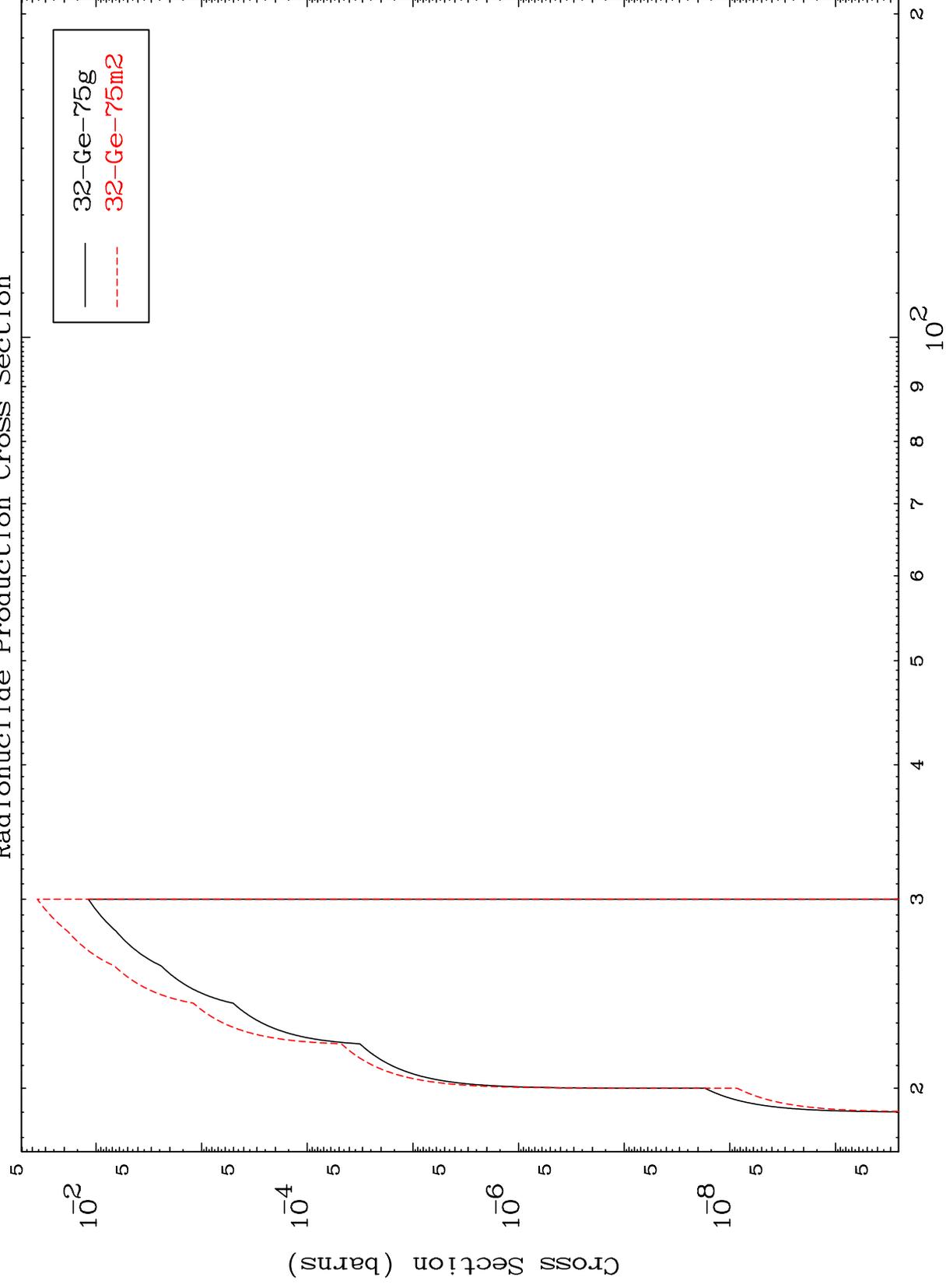
31-Ga-74m

MAT 3141

(n,2n) p

31-Ga-74m

Radionuclide Production Cross Section



15

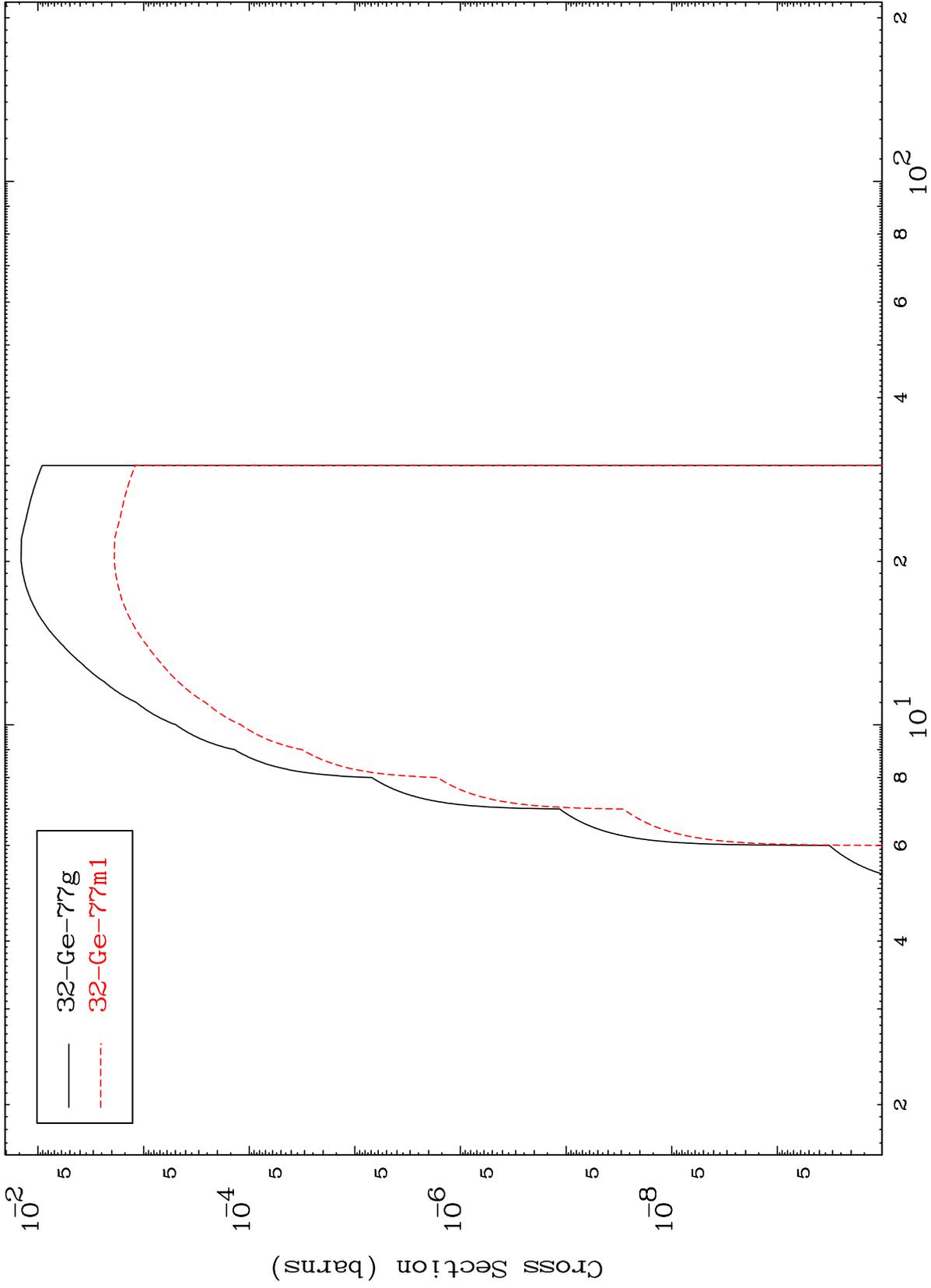
Incident Energy (MeV)

31-Ga-74m

MAT 3141

31-Ga-74m

(n,p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

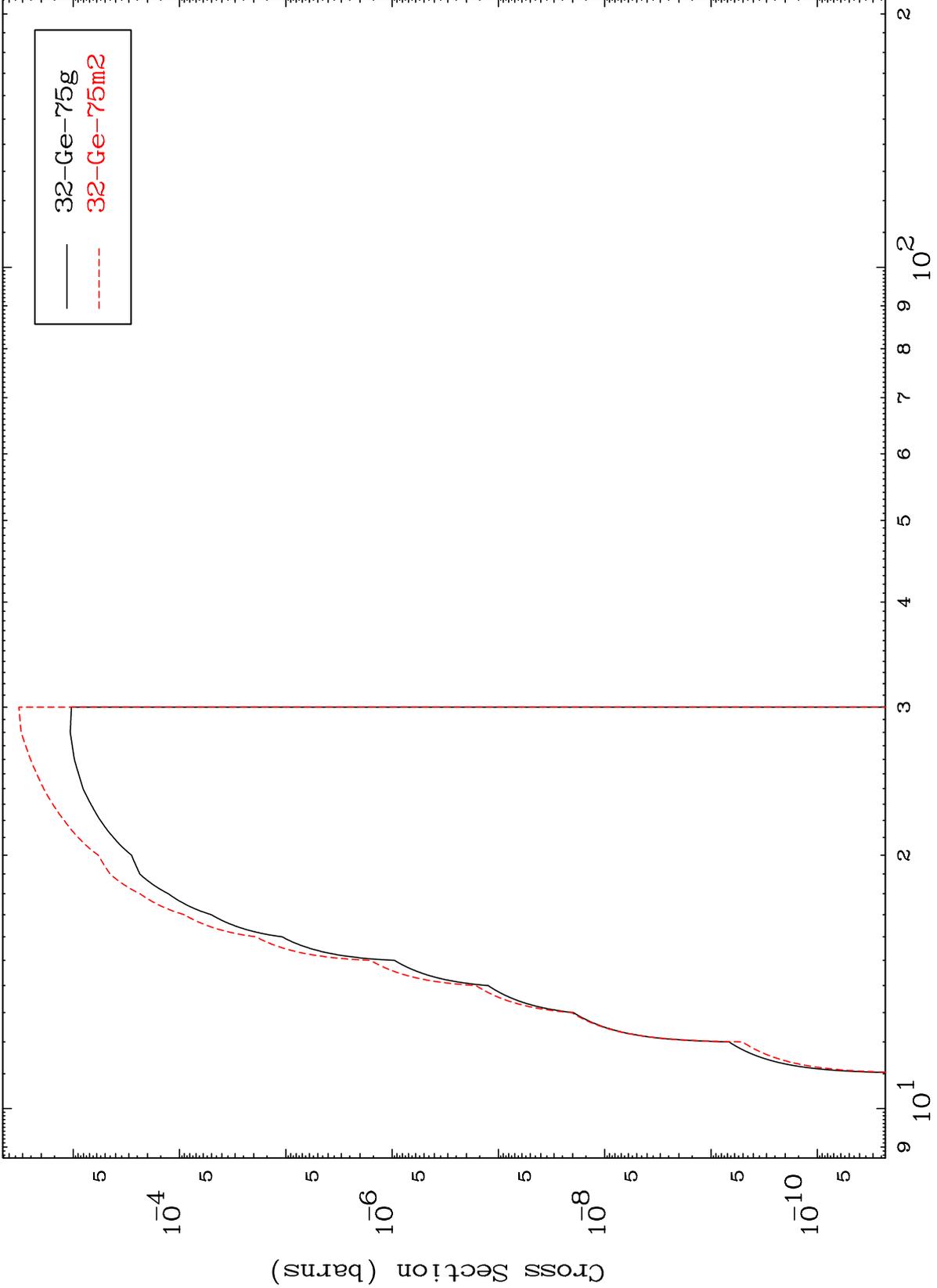
31-Ga-74m

MAT 3141

(n, t)

31-Ga-74m

Radionuclide Production Cross Section



17

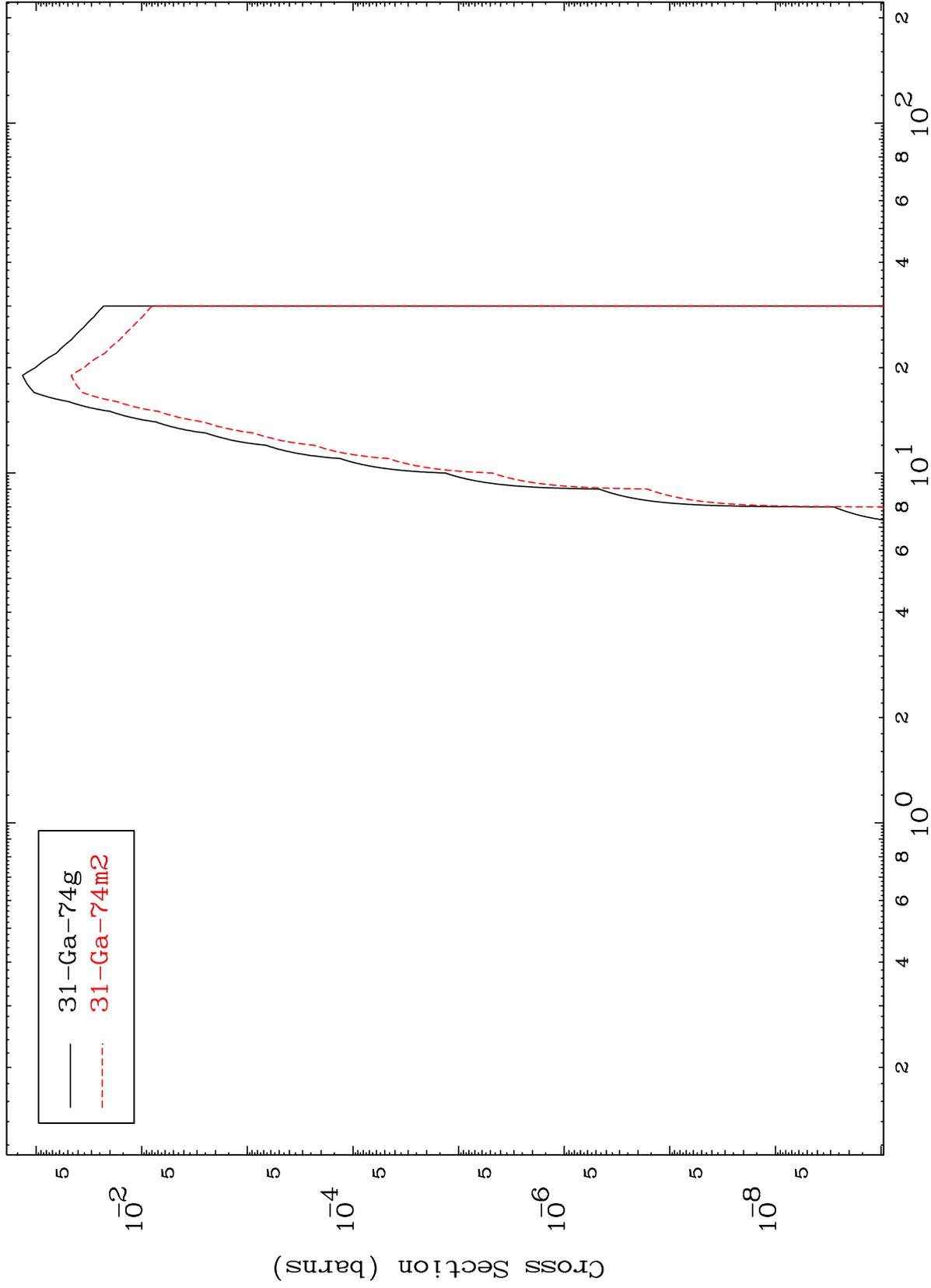
Incident Energy (MeV)

31-Ga-74m

MAT 3141

³¹Ga-74m

Radionuclide Production Cross Section



18

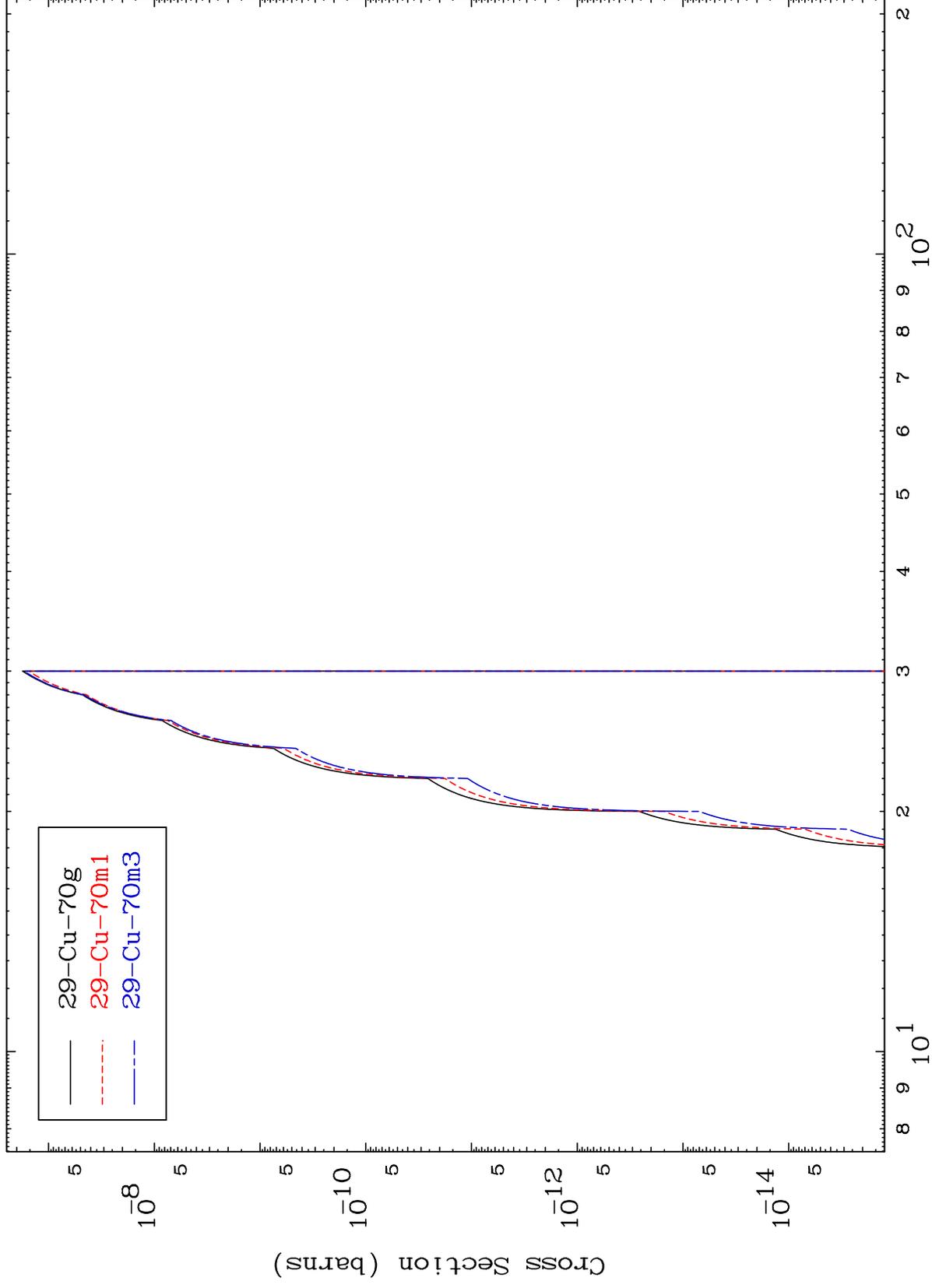
Incident Energy (MeV)

³¹Ga-74m

MAT 3141

31-Ga-74m

Radionuclide Production Cross Section
(n,2 α)



19

Incident Energy (MeV)

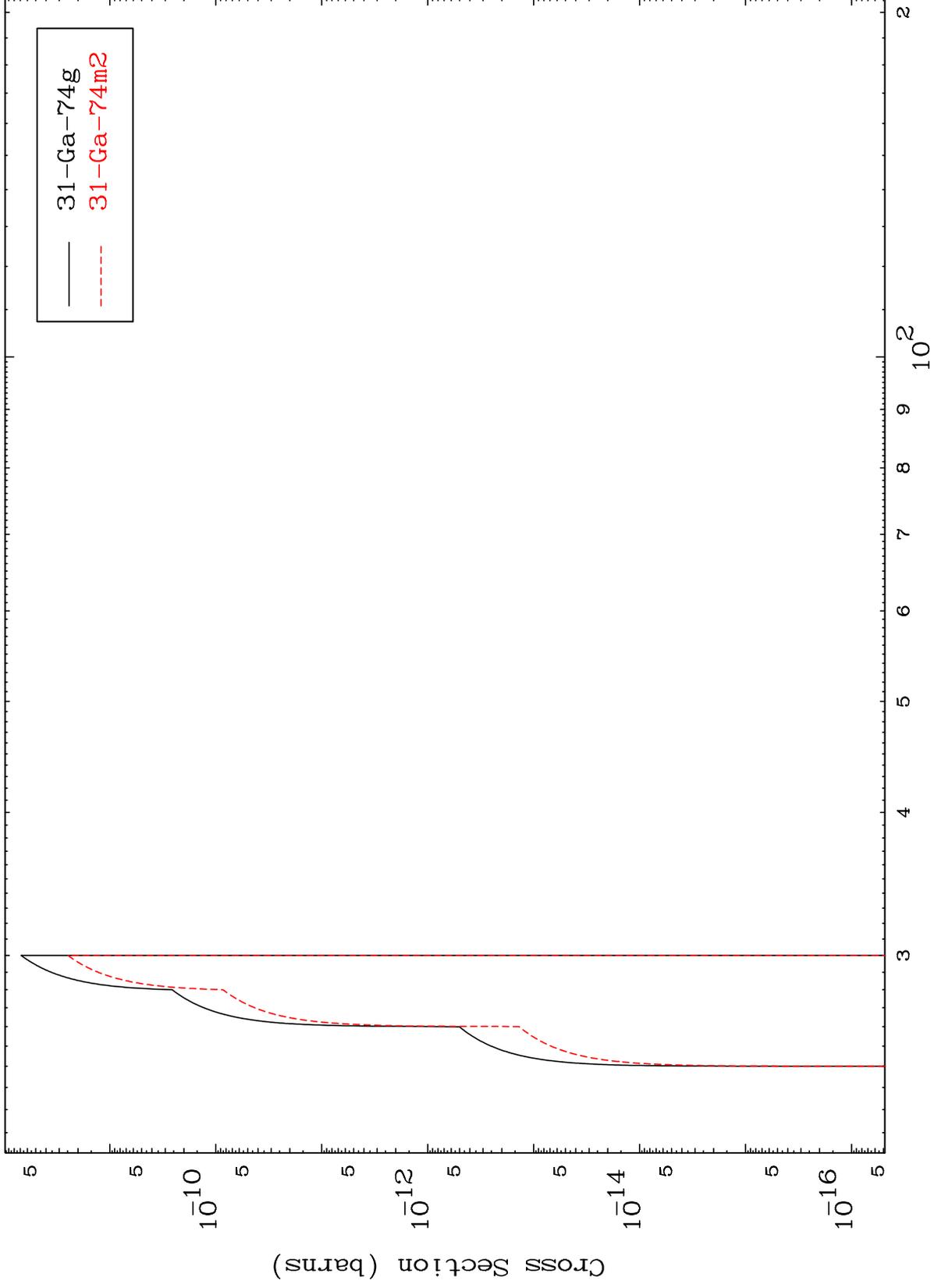
31-Ga-74m

MAT 3141

(n,p) t

31-Ga-74m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

31-Ga-74m