

Program EVALPLOT
(Version 2021-1)

by

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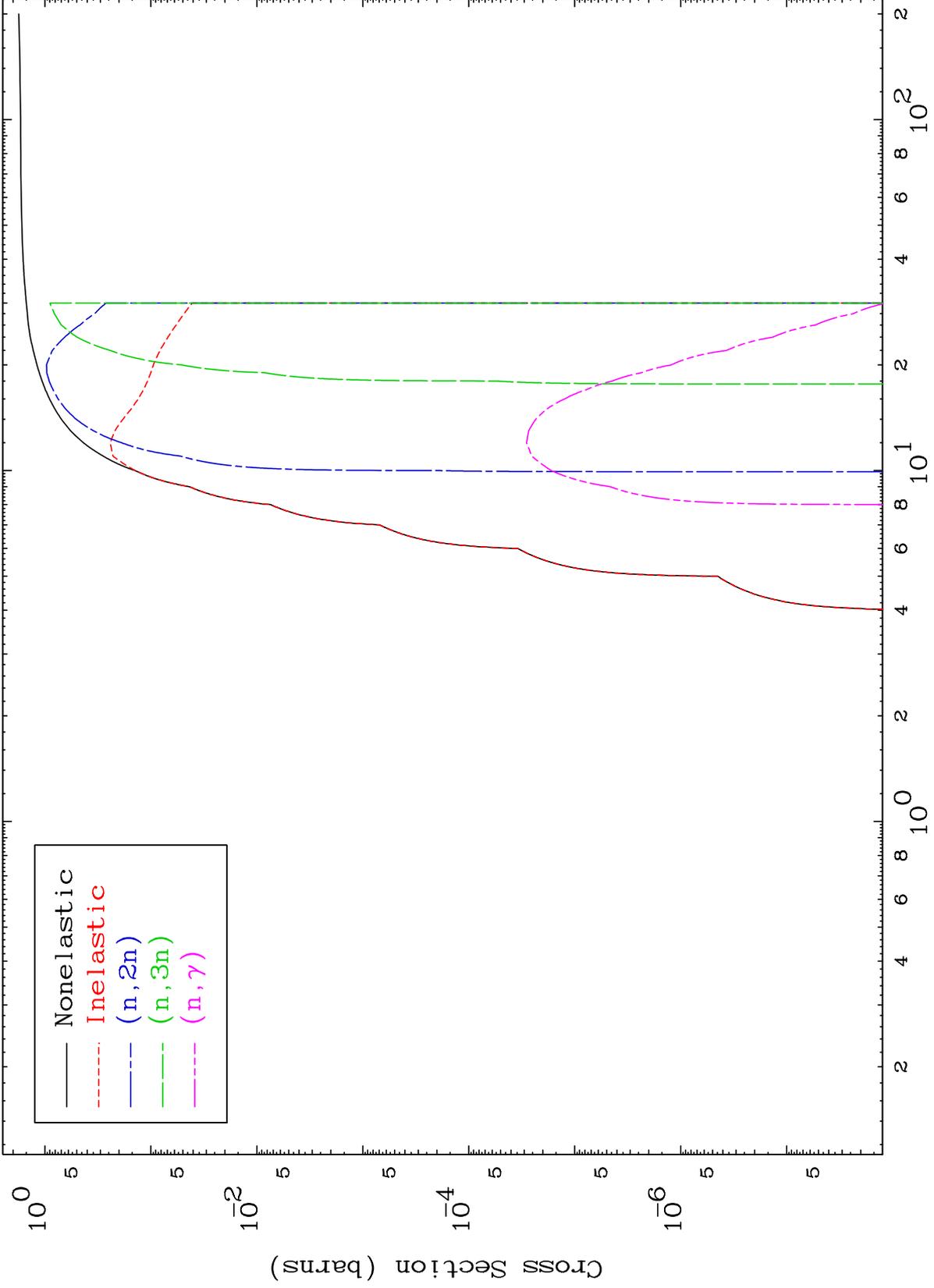
Press Mouse Button to Start

MAT 3141

α Major

31-Ga-74m

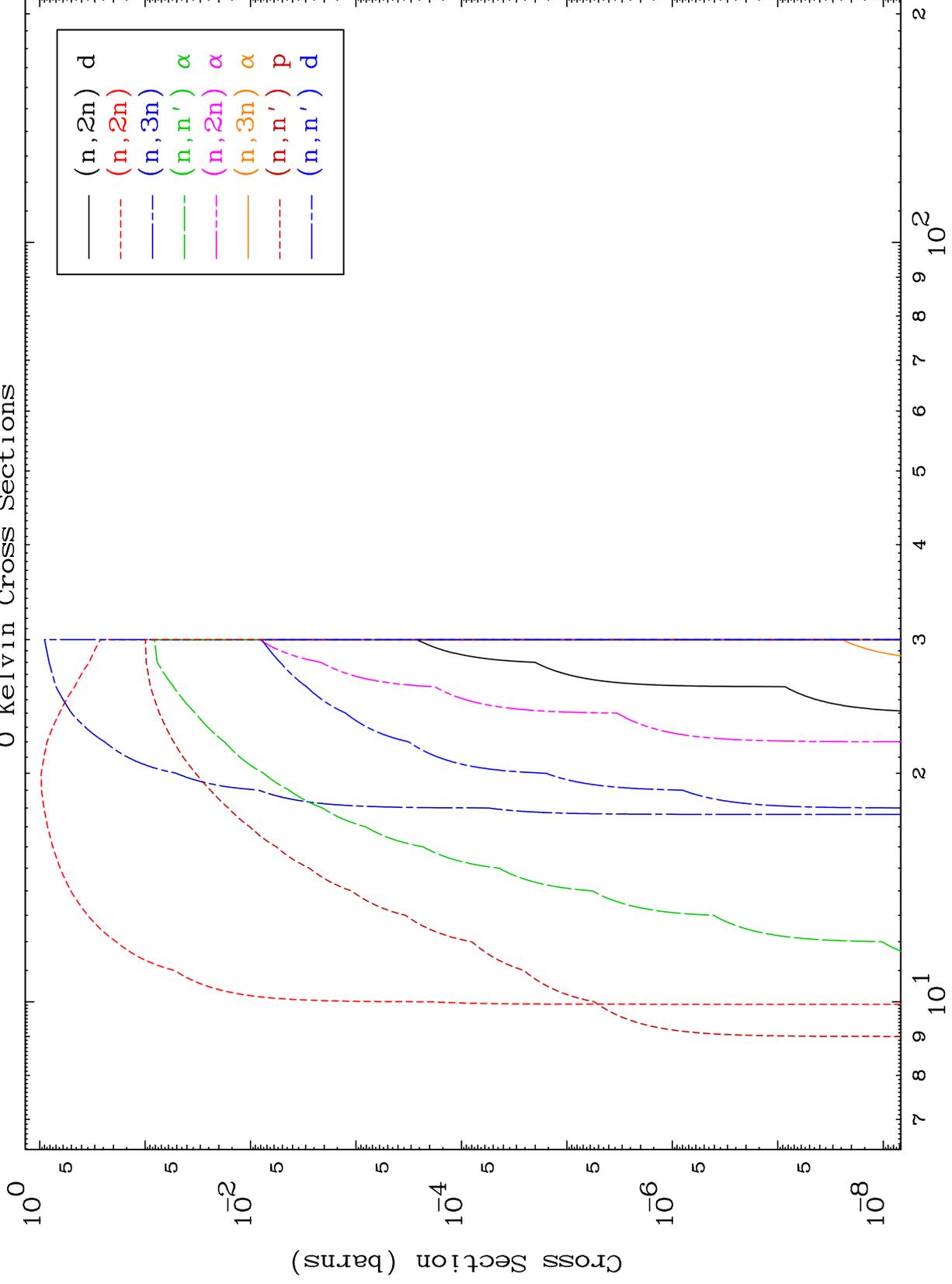
0 Kelvin Cross Sections



MAT 3141

α Neutron Absorption
0 Kelvin Cross Sections

31-Ga-74m



2

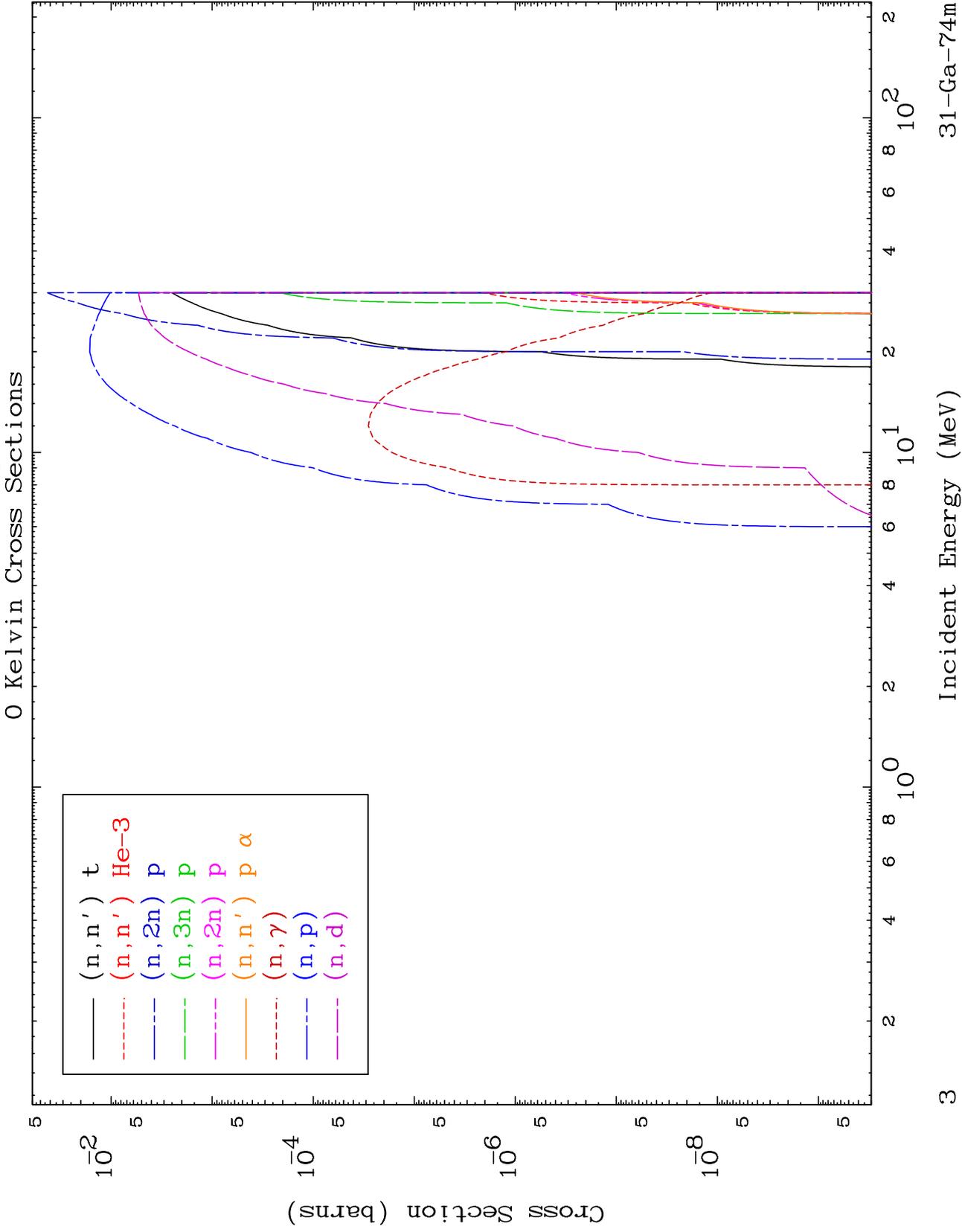
Incident Energy (MeV)

31-Ga-74m

MAT 3141

α Neutron Absorption

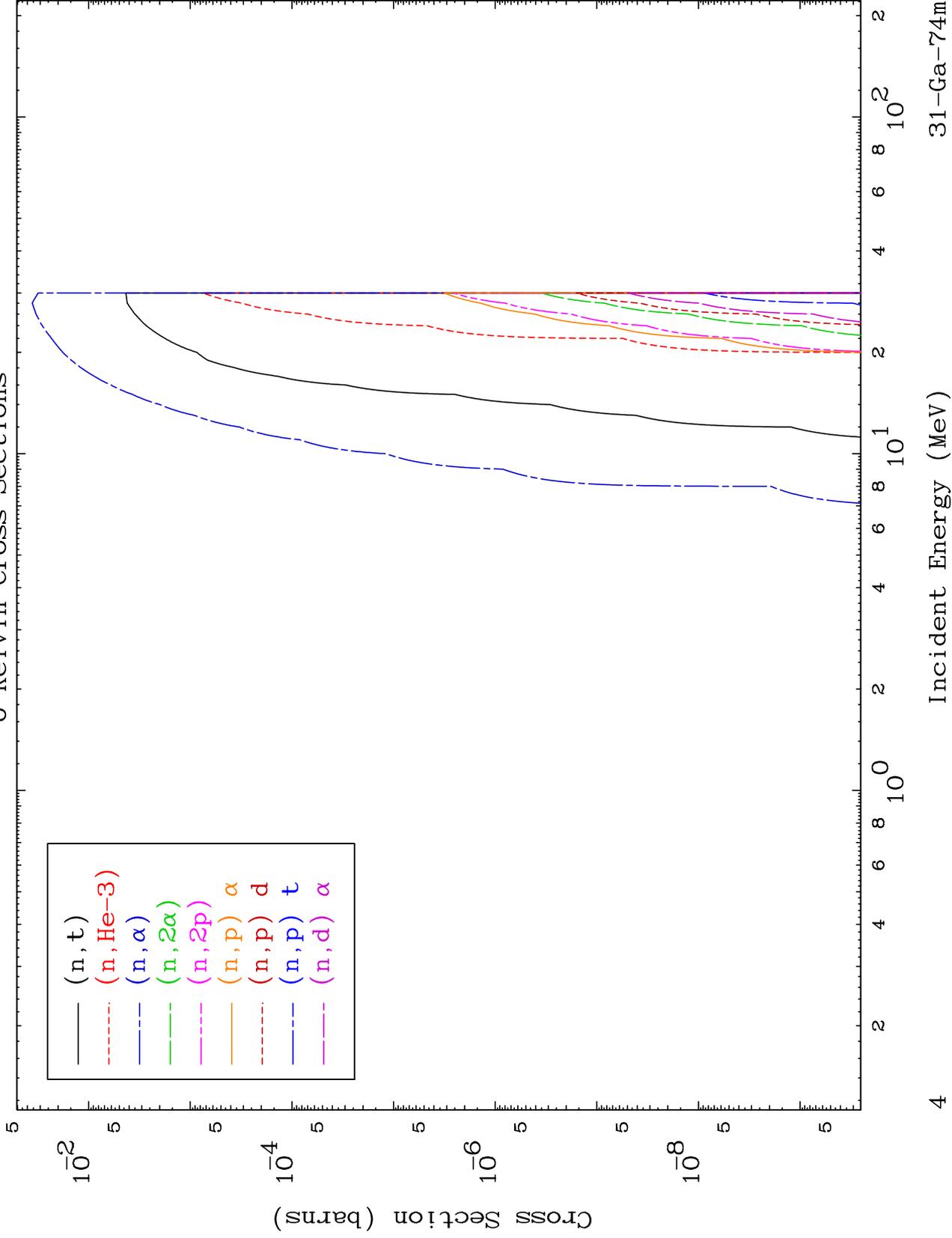
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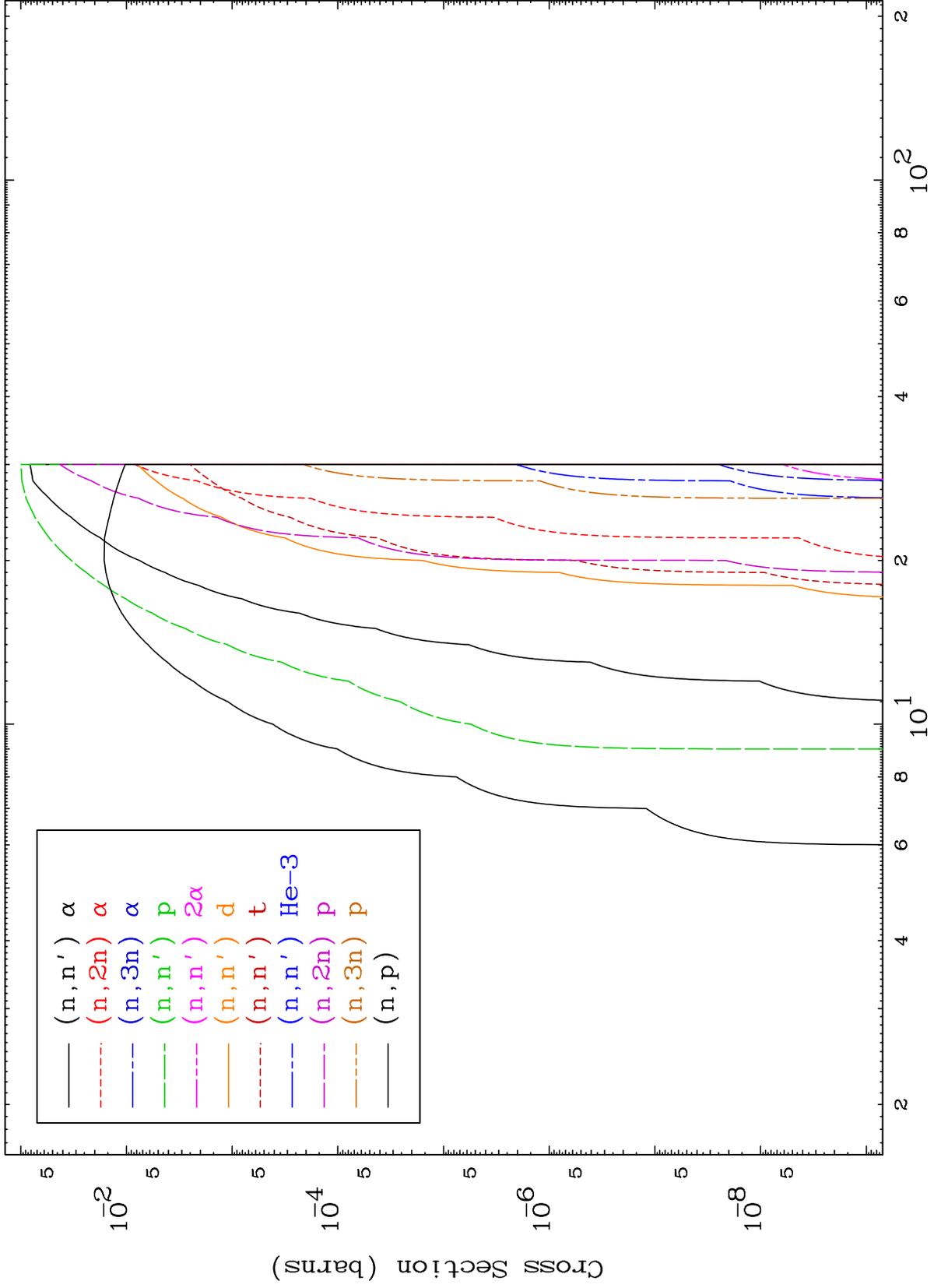


MAT 3141

α Neutron Absorption
0 Kelvin Cross Sections

31-Ga-74m

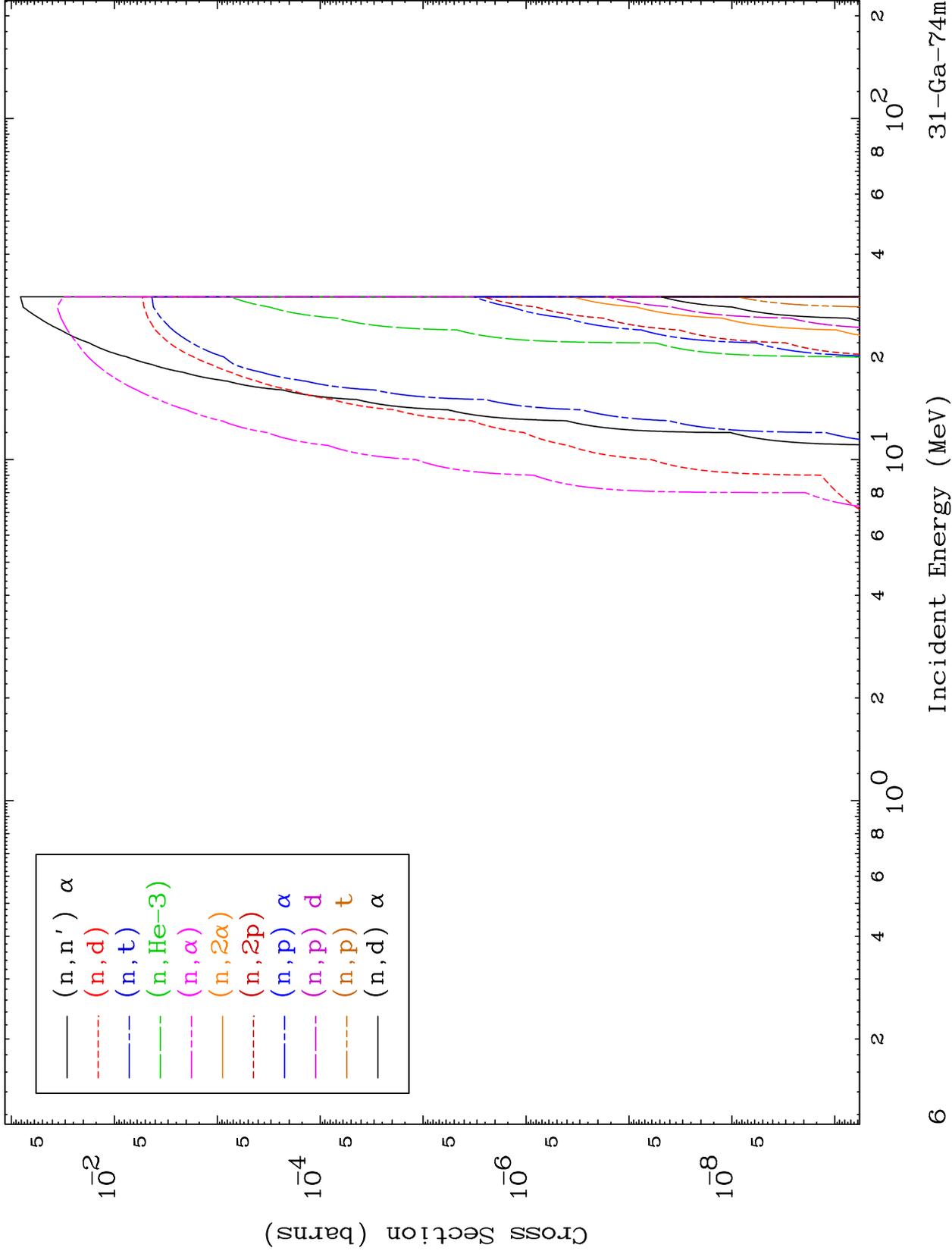




MAT 3141

α Charged Particle
0 Kelvin Cross Sections

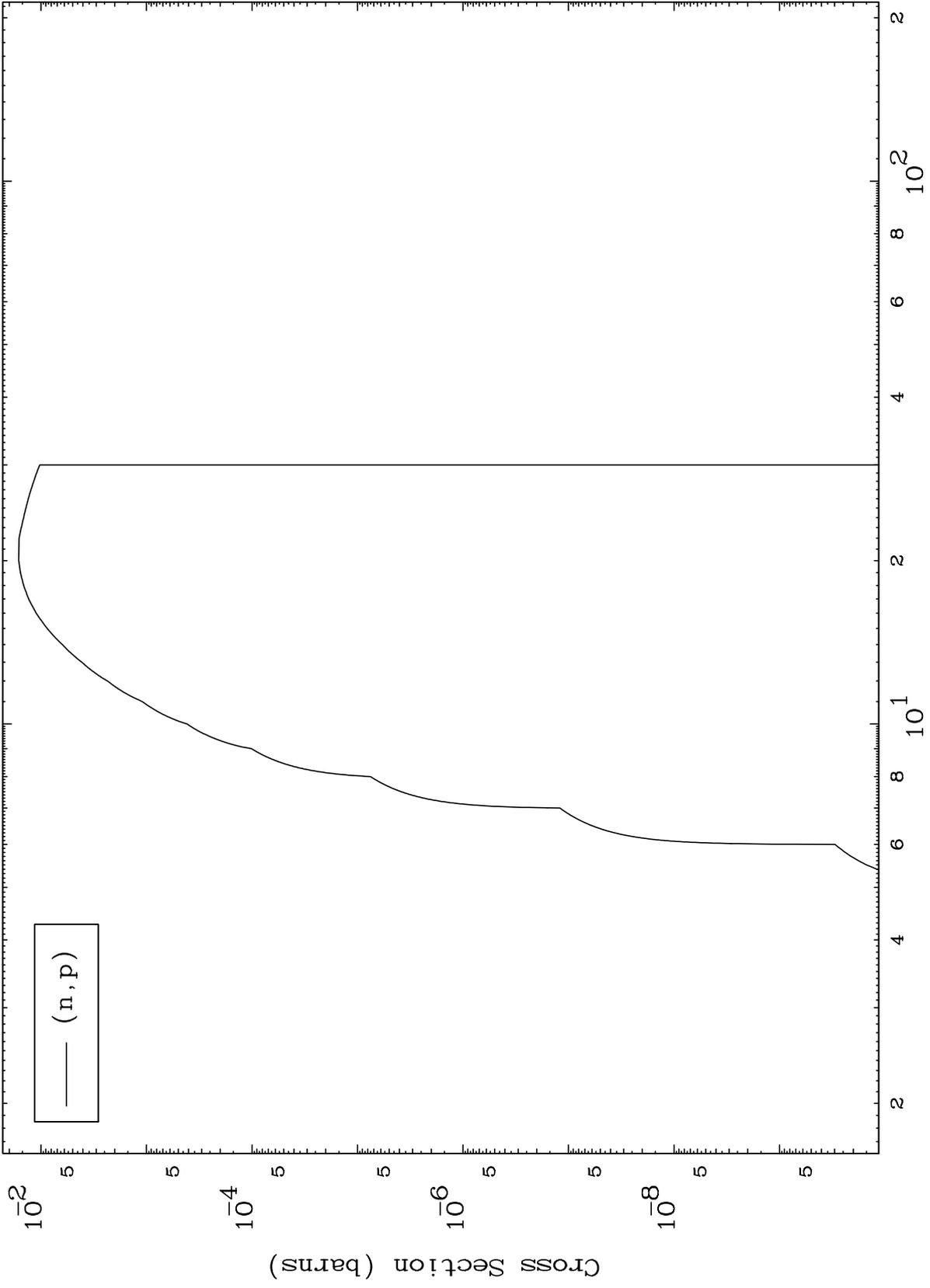
31-Ga-74m



MAT 3141

(α, p) Levels
0 Kelvin Cross Sections

31-Ga-74m



7

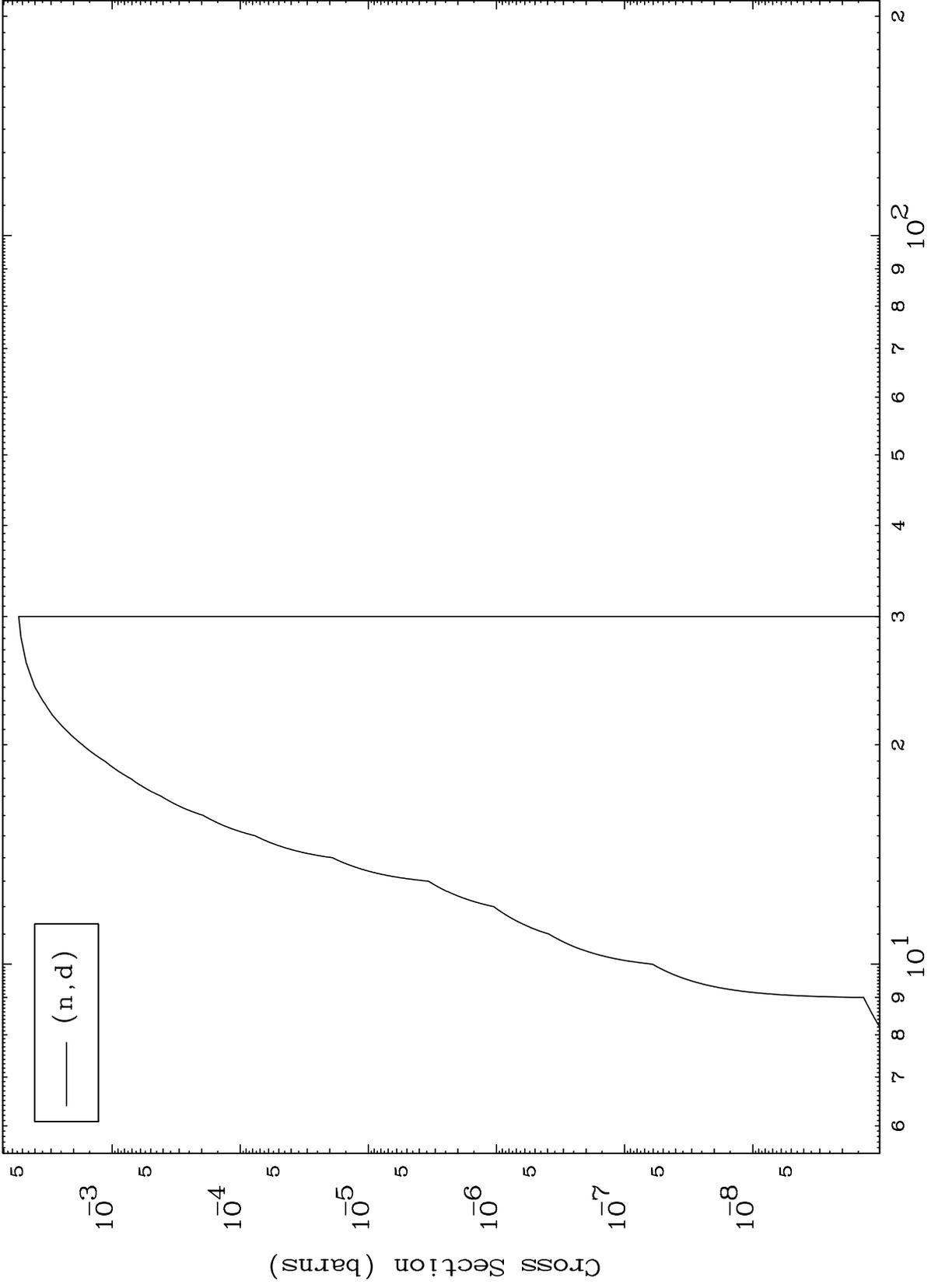
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(α, d) Levels
0 Kelvin Cross Sections

31-Ga-74m



8

31-Ga-74m

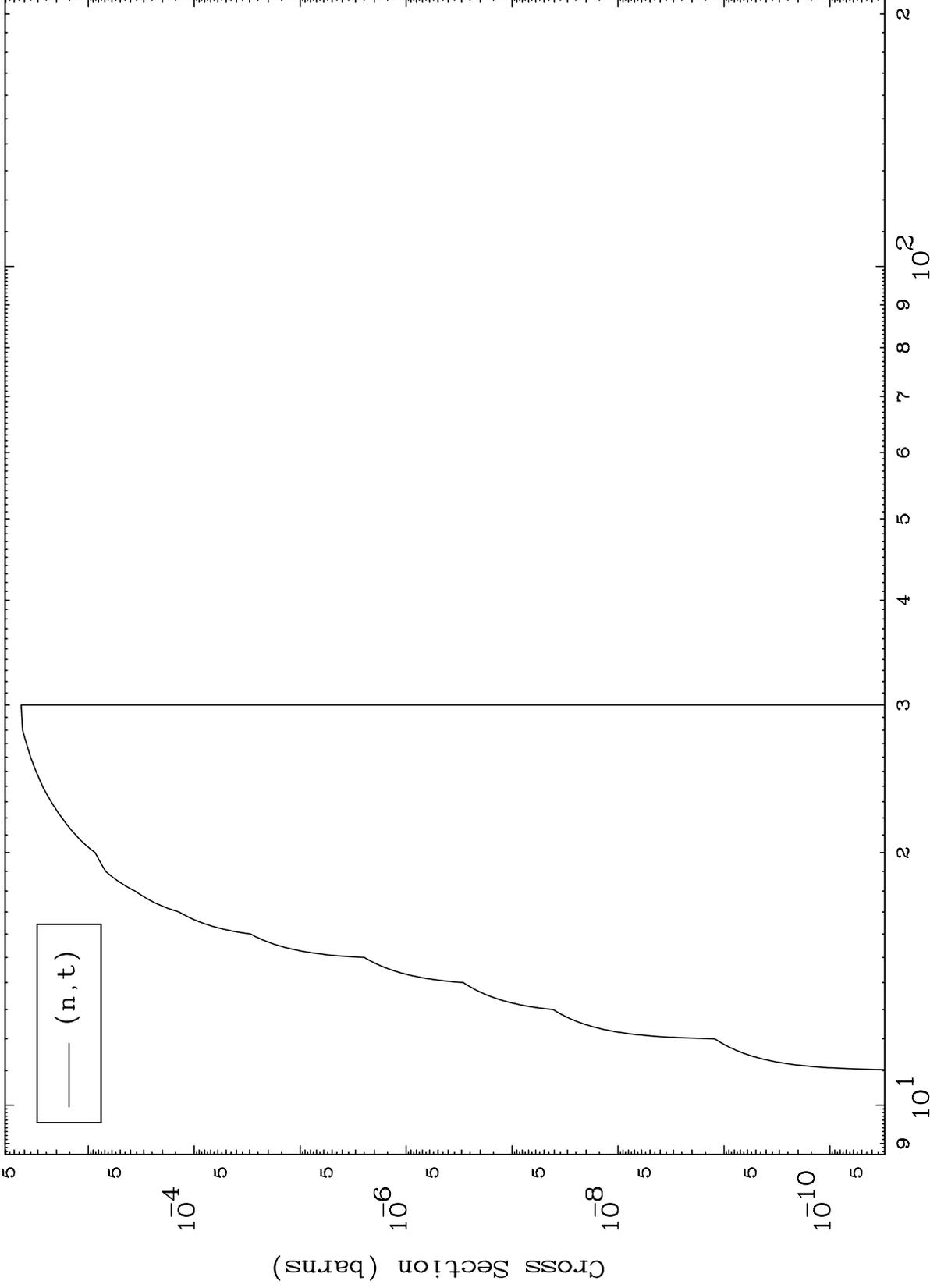
31-Ga-74m

MAT 3141

(α, t) Levels

31-Ga-74m

0 Kelvin Cross Sections



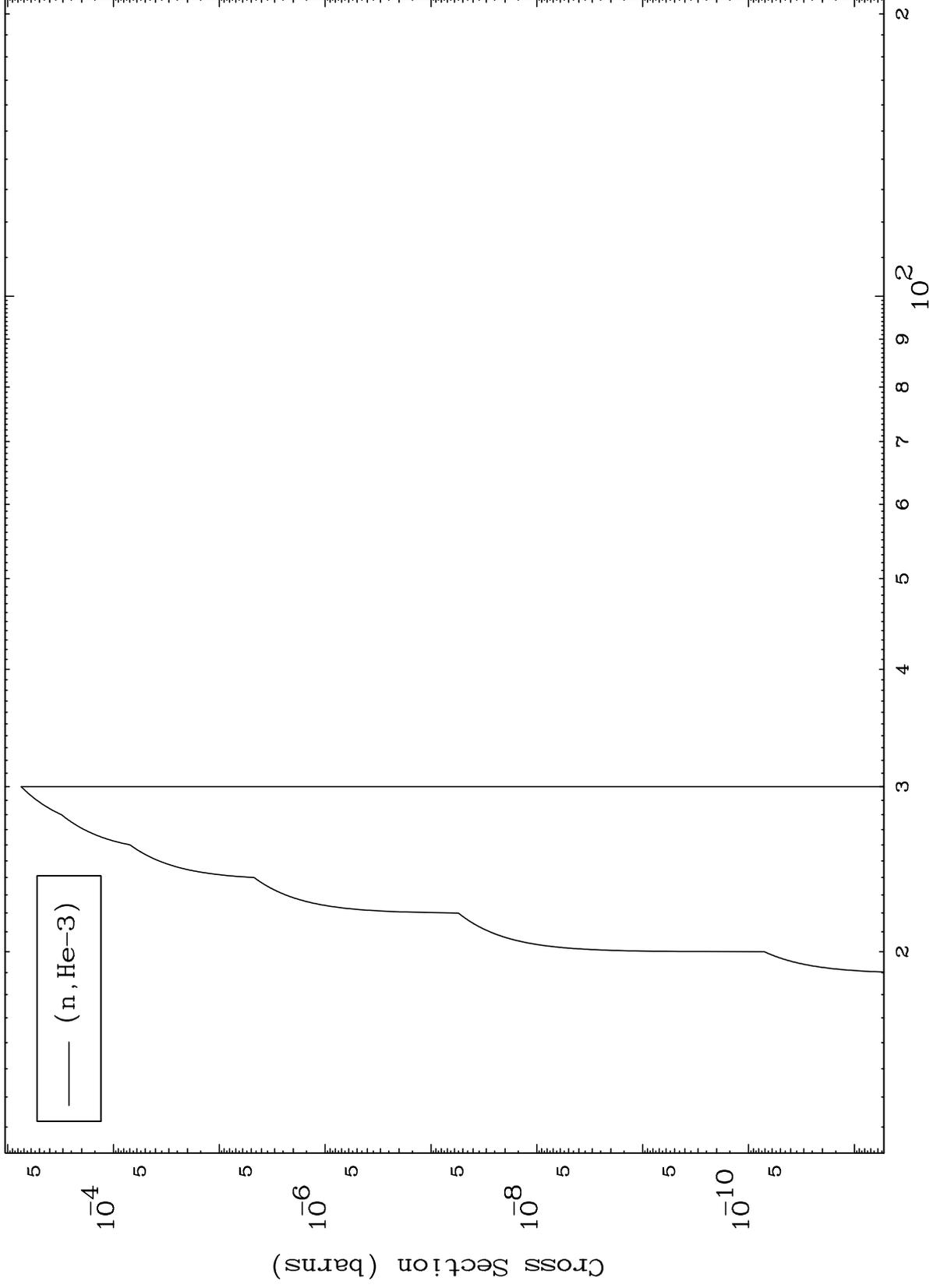
Incident Energy (MeV)

31-Ga-74m

MAT 3141

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

31-Ga-74m



10

Incident Energy (MeV)

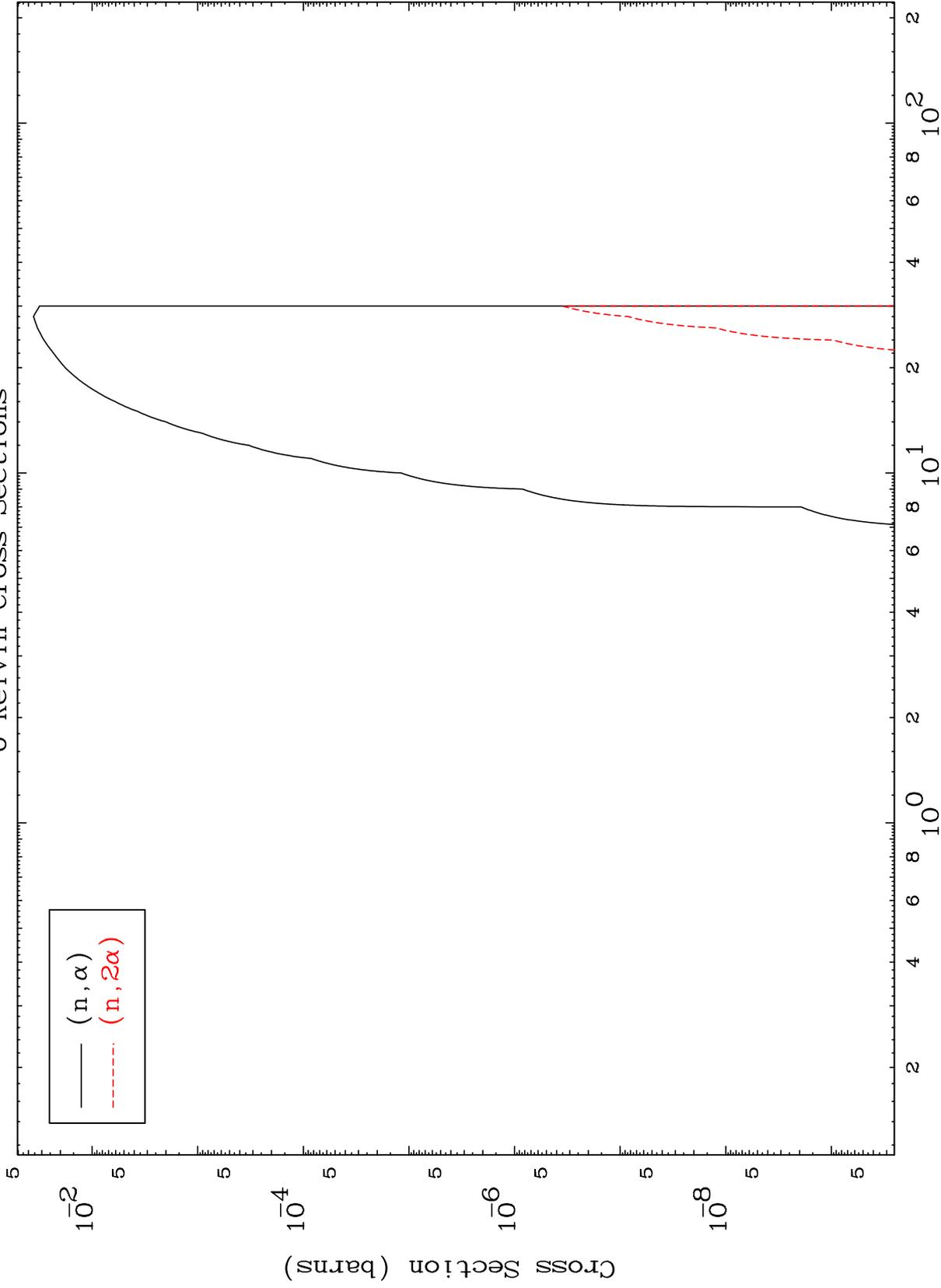
31-Ga-74m

MAT 3141

(α, α) Levels

31-Ga-74m

0 Kelvin Cross Sections

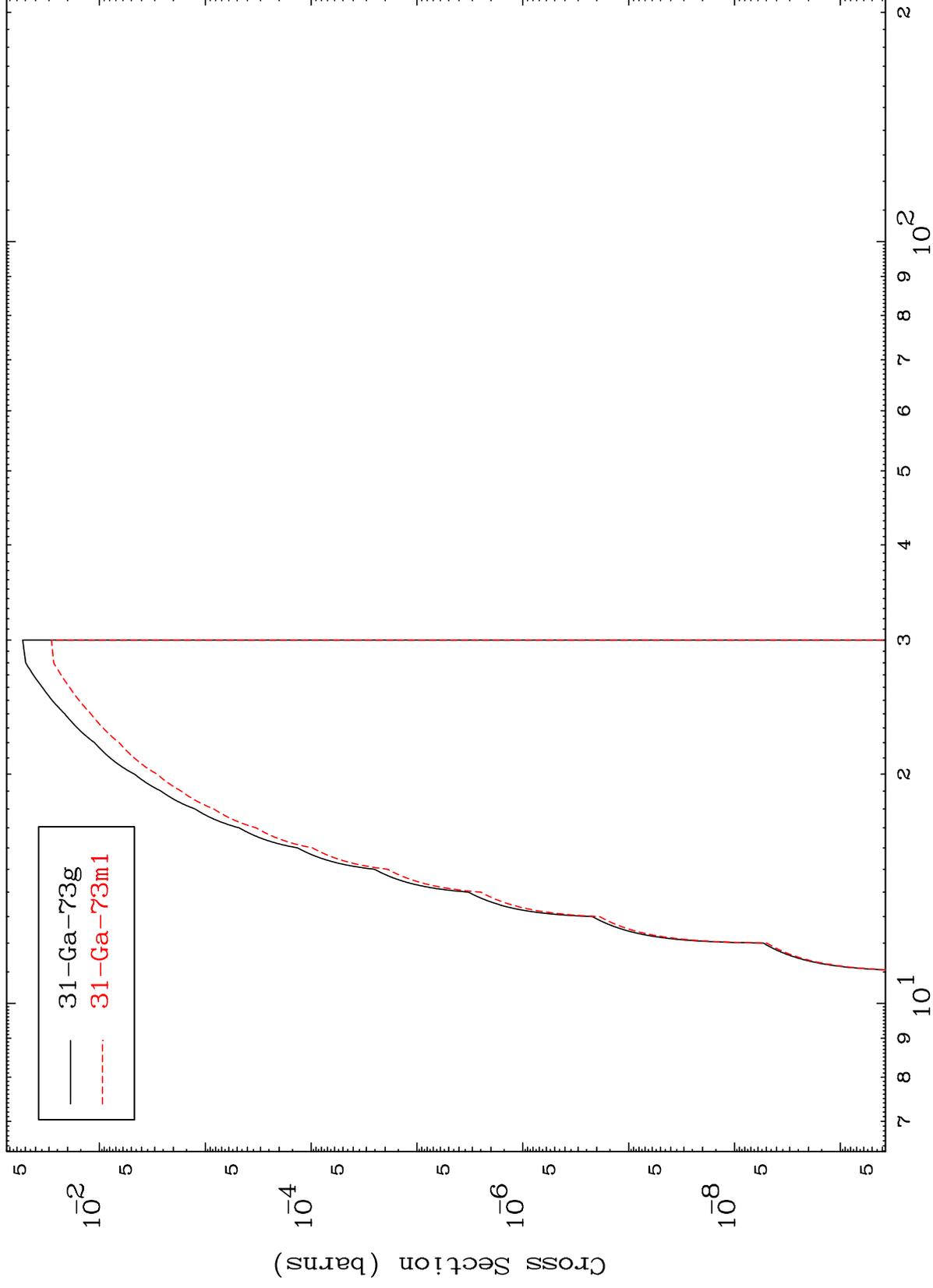


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$(n, n') \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

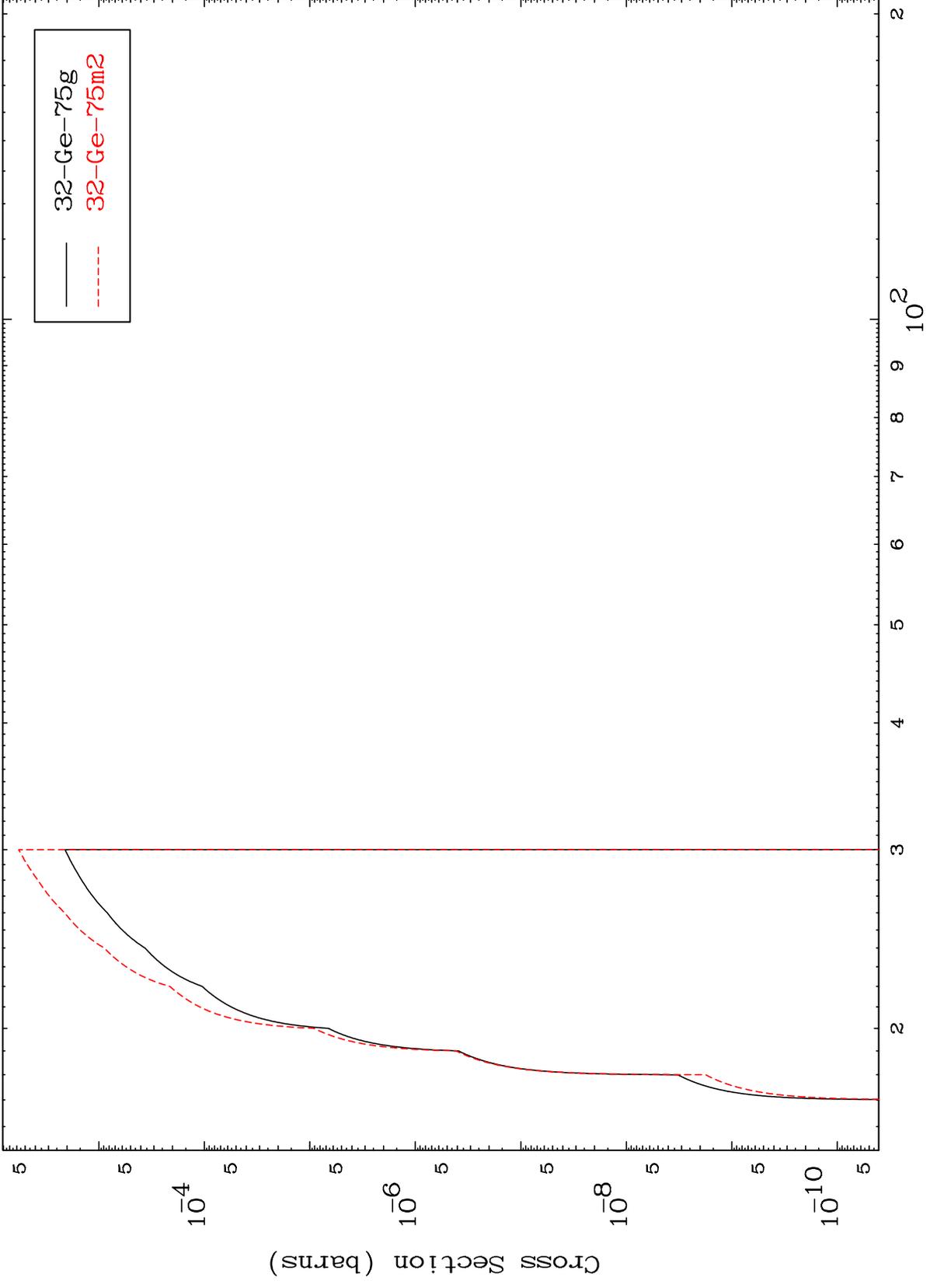
$^{31}\text{Ga}-^{74}\text{m}$

MAT 3141

(n,n') d

31-Ga-74m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

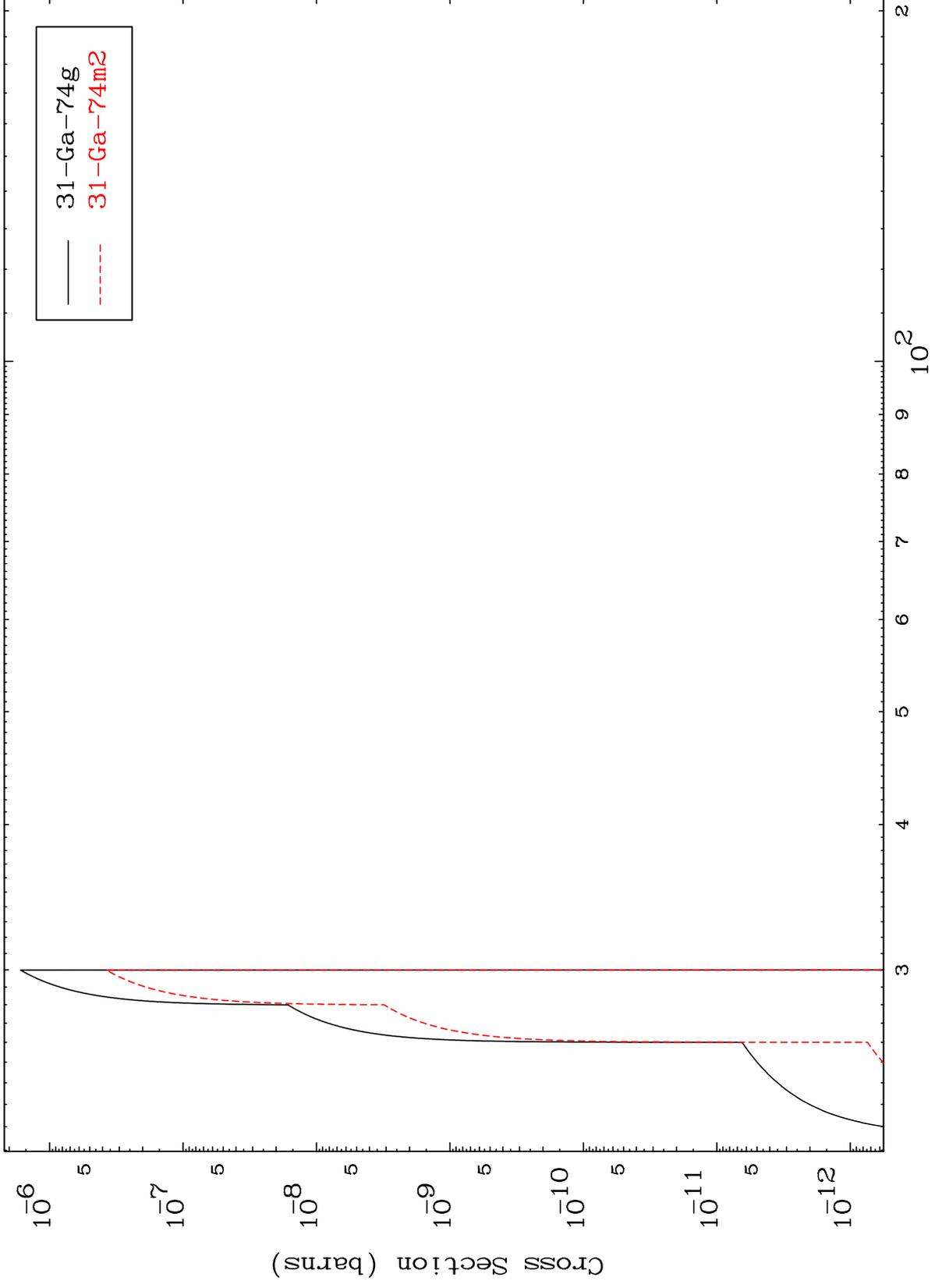
31-Ga-74m

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(n,n') He-3

31-Ga-74m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

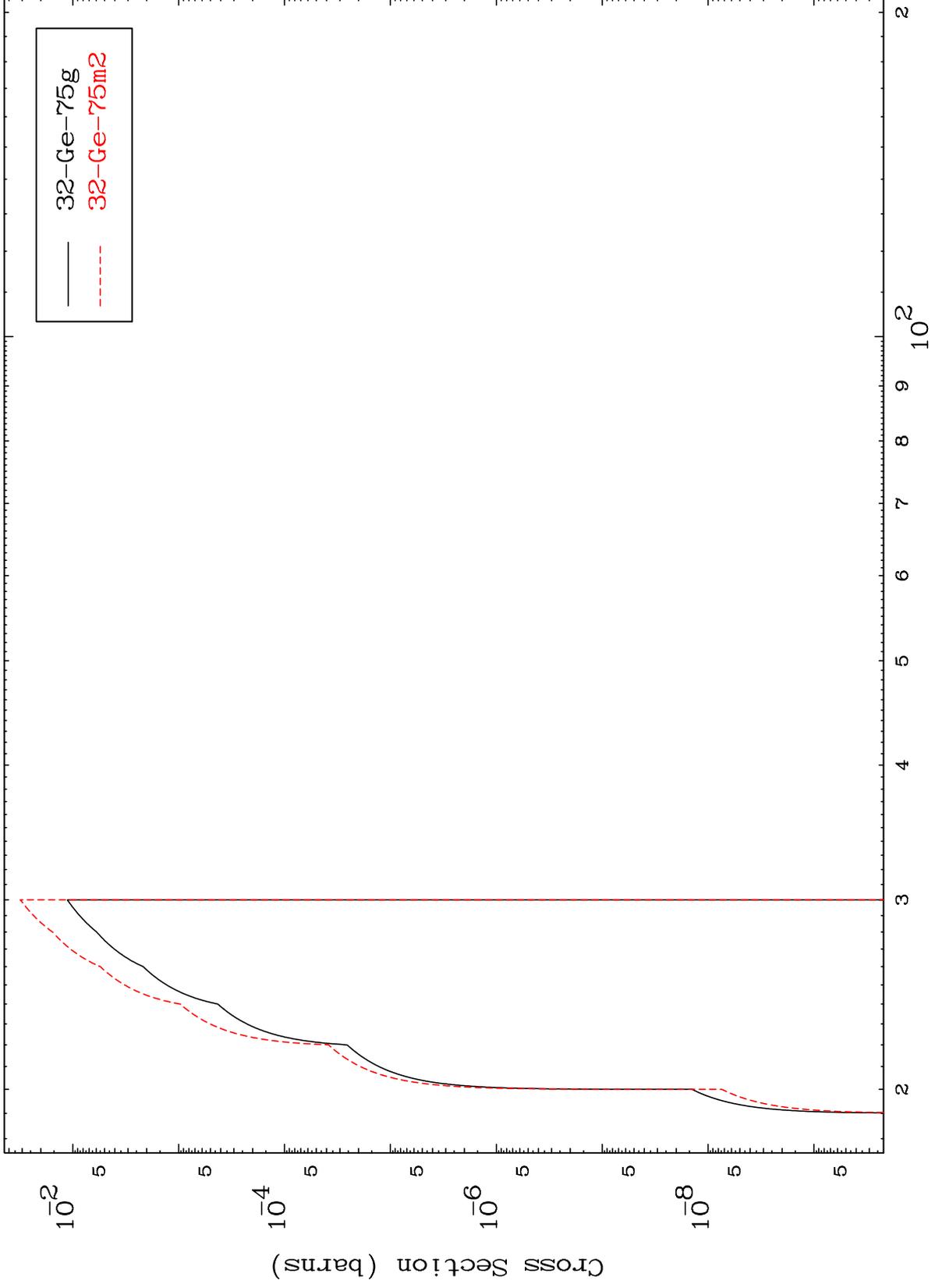
31-Ga-74m

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(n,2n) p

31-Ga-74m

Radionuclide Production Cross Section



15

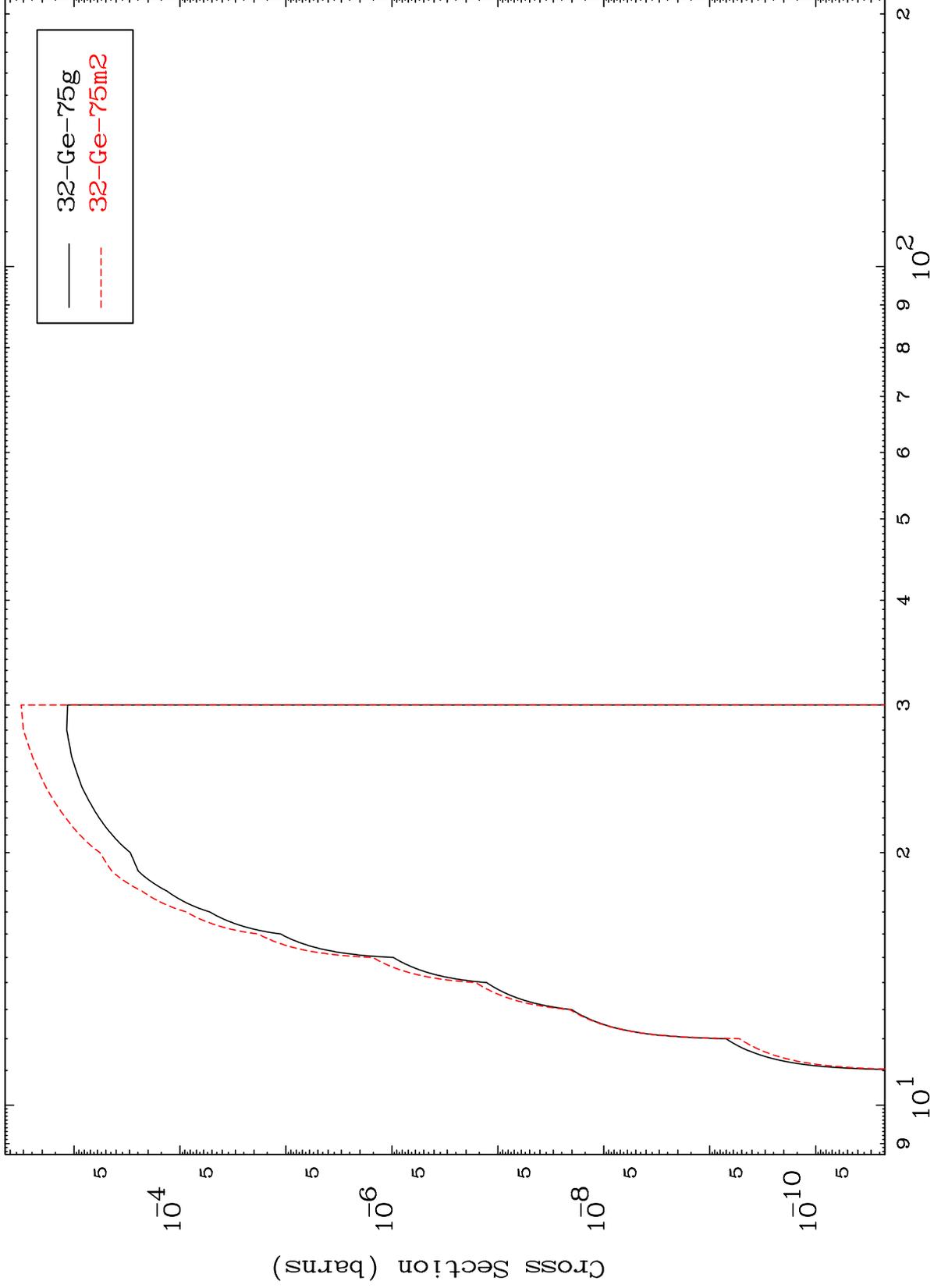
Incident Energy (MeV)

31-Ga-74m

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31-Ga-74m

(n,t)
Radionuclide Production Cross Section



31-Ga-74m

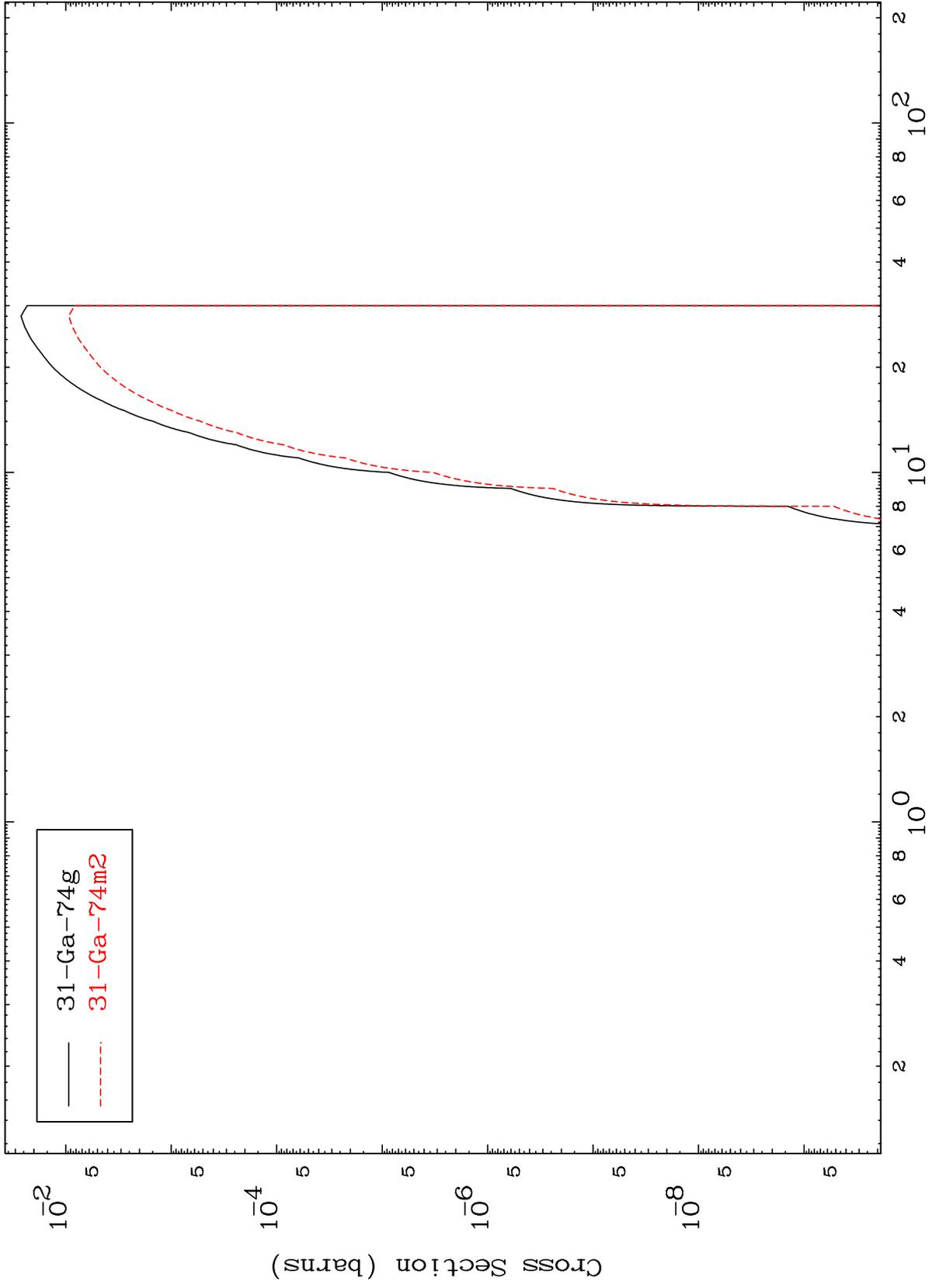
Incident Energy (MeV)

17

MAT 3141

31-Ga-74m

Radionuclide Production Cross Section
(n, α)



18

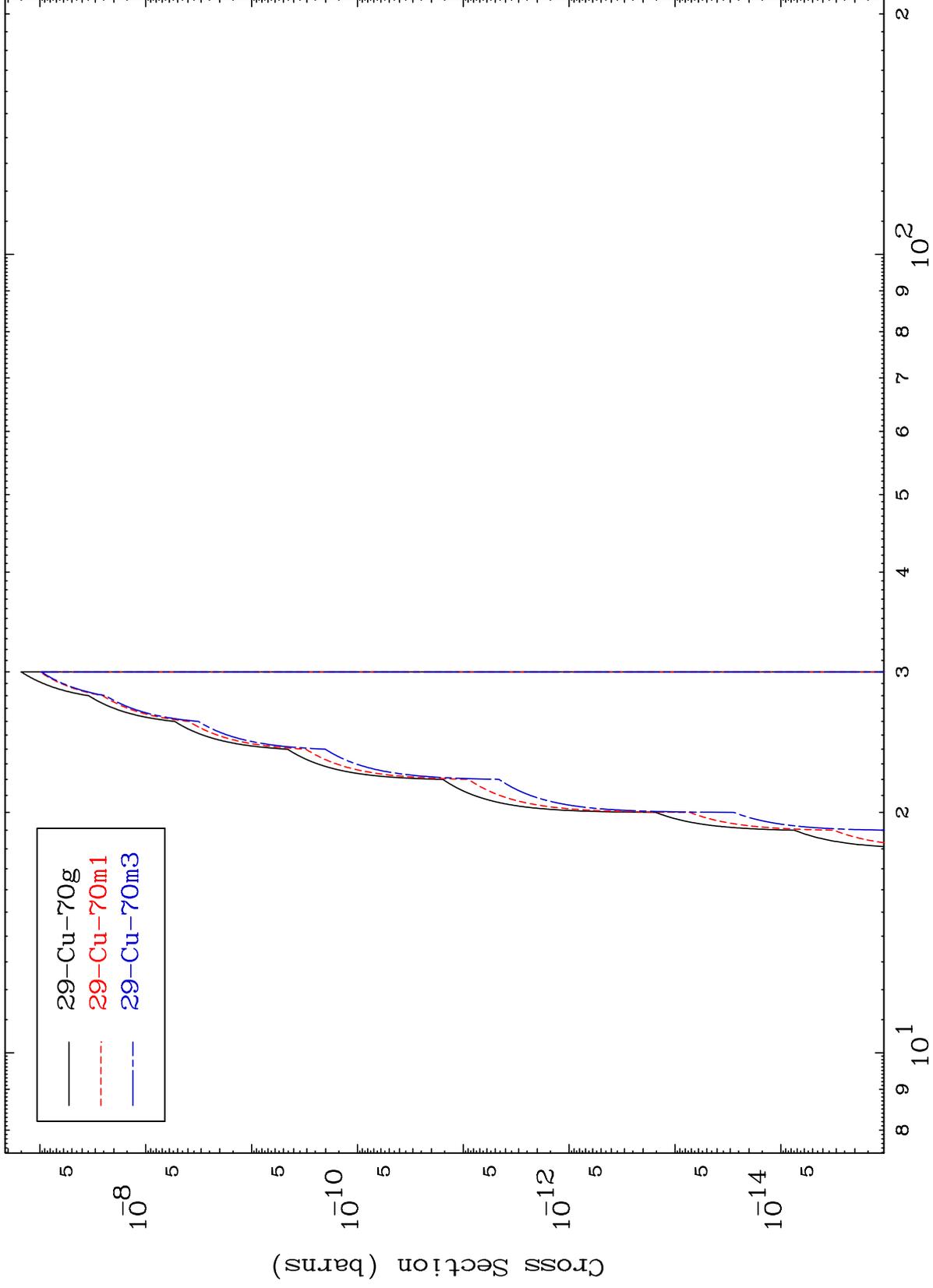
31-Ga-74m

Incident Energy (MeV)

MAT 3141

31-Ga-74m

Radionuclide Production Cross Section
(n,2 α)



19

Incident Energy (MeV)

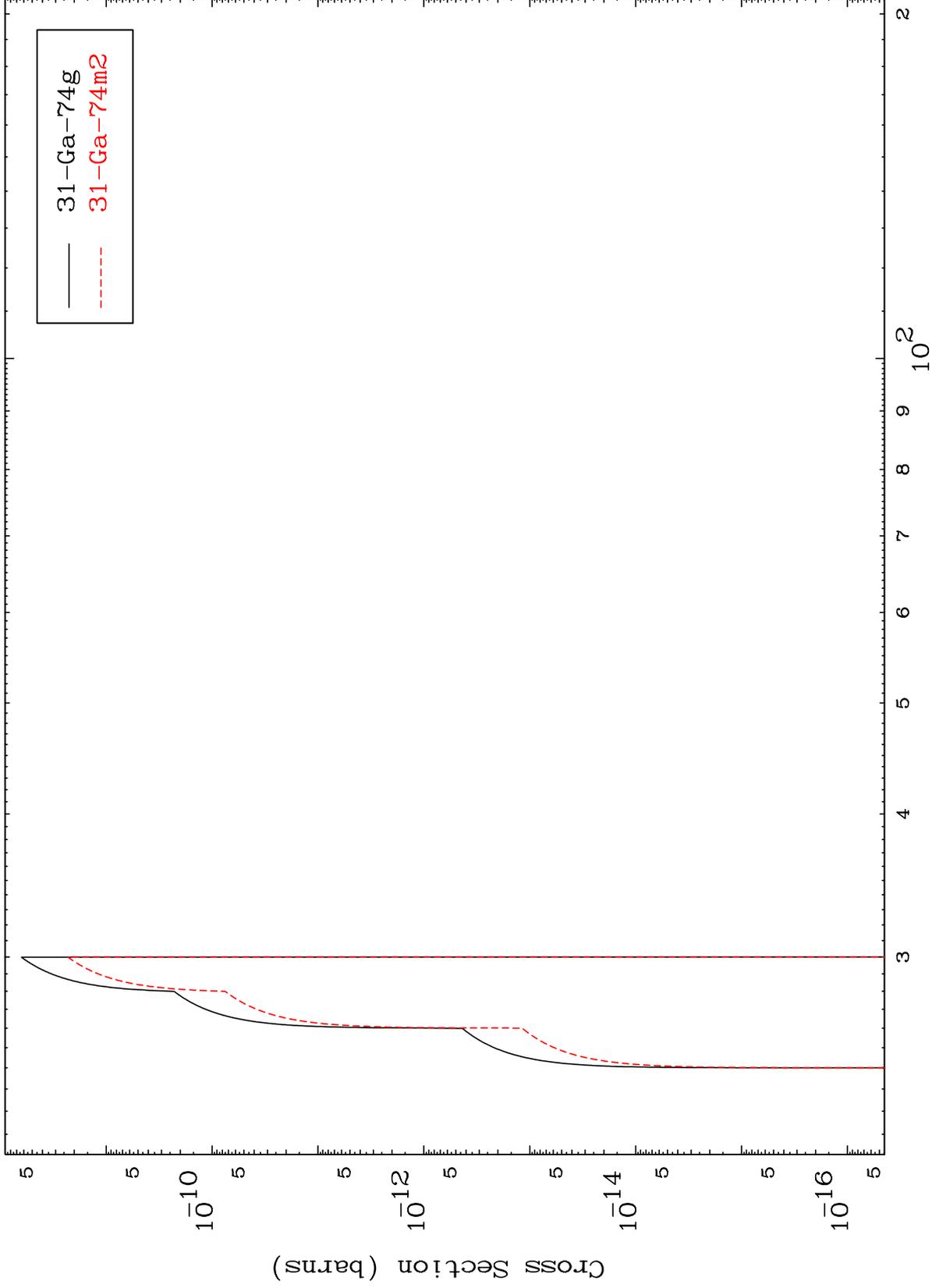
31-Ga-74m

MAT 3141

(n,p) t

31-Ga-74m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

31-Ga-74m