

Program EVALPLOT
(Version 2021-1)

by

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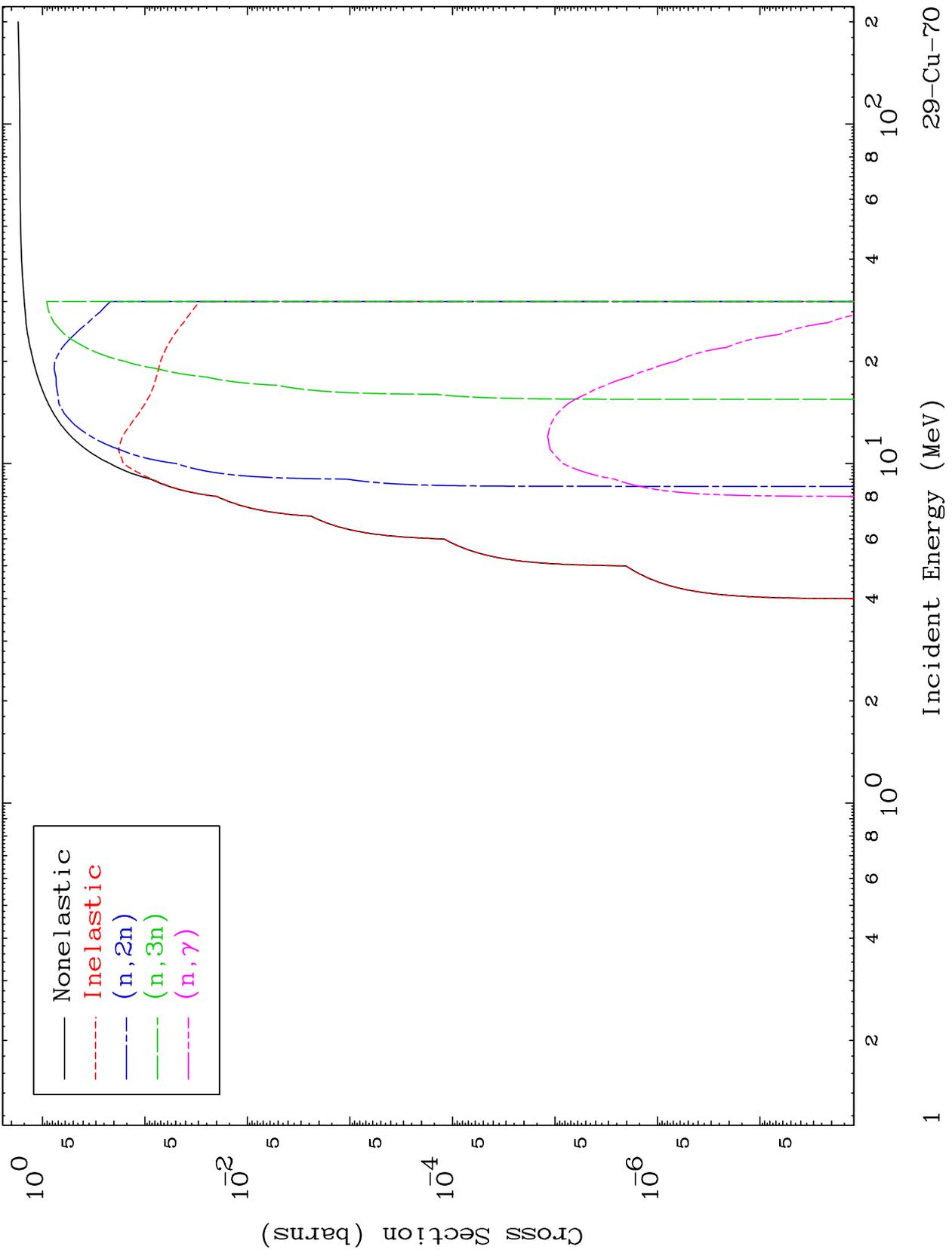
Press Mouse Button to Start

MAT 2946

0 Kelvin

Major Cross Sections

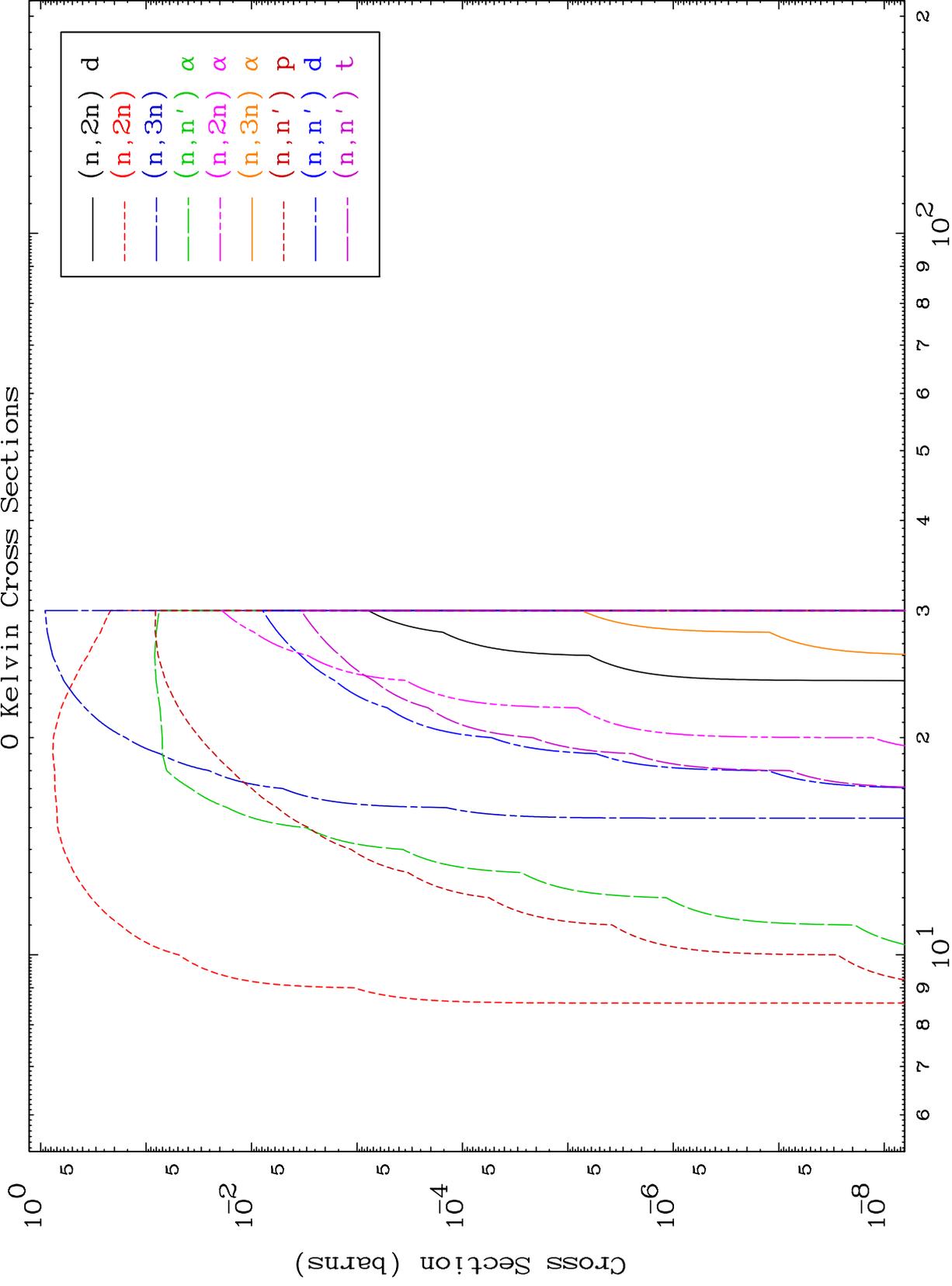
²⁹Cu-70



MAT 2946

α Neutron Absorption
0 Kelvin Cross Sections

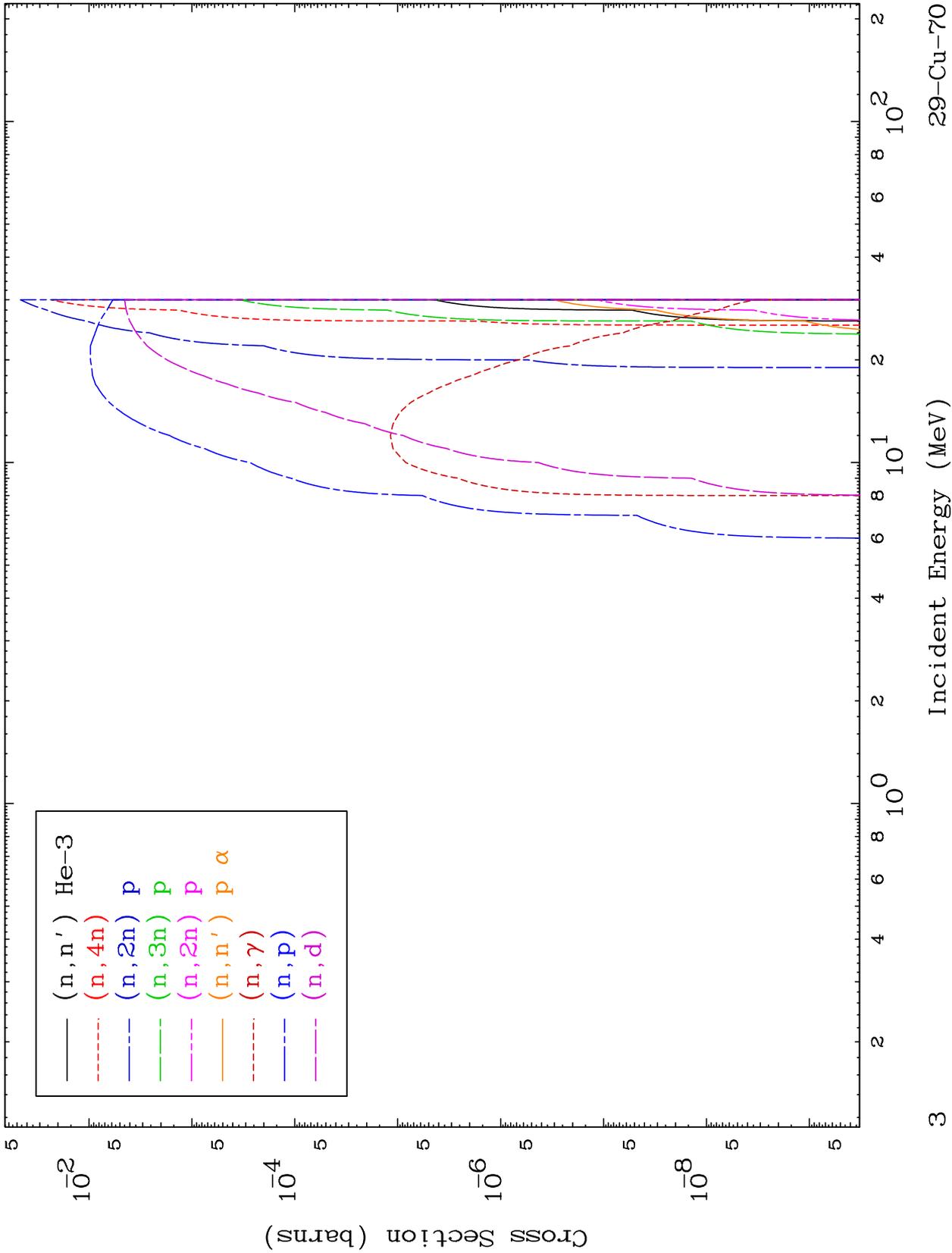
29-Cu-70



2

Incident Energy (MeV)

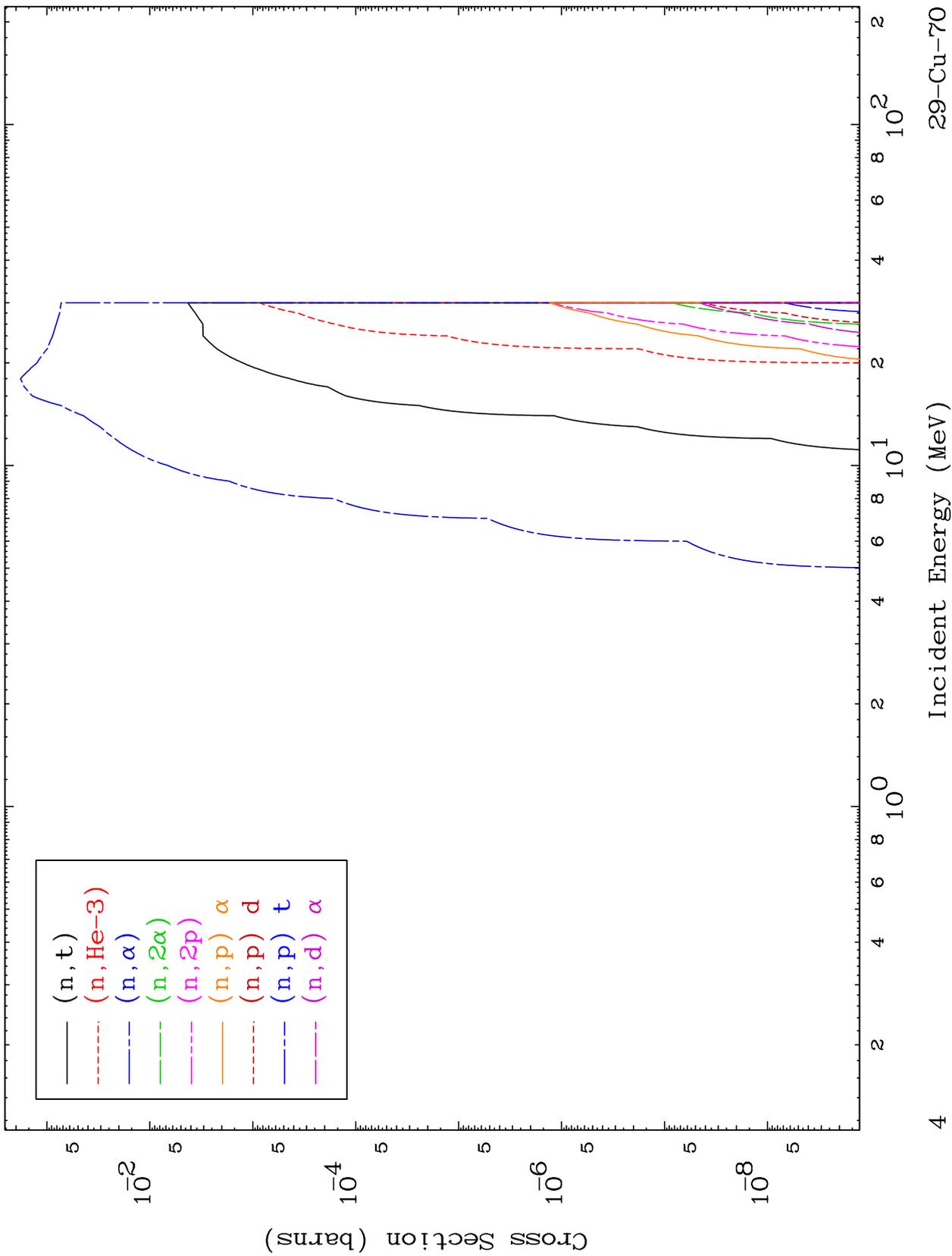
29-Cu-70

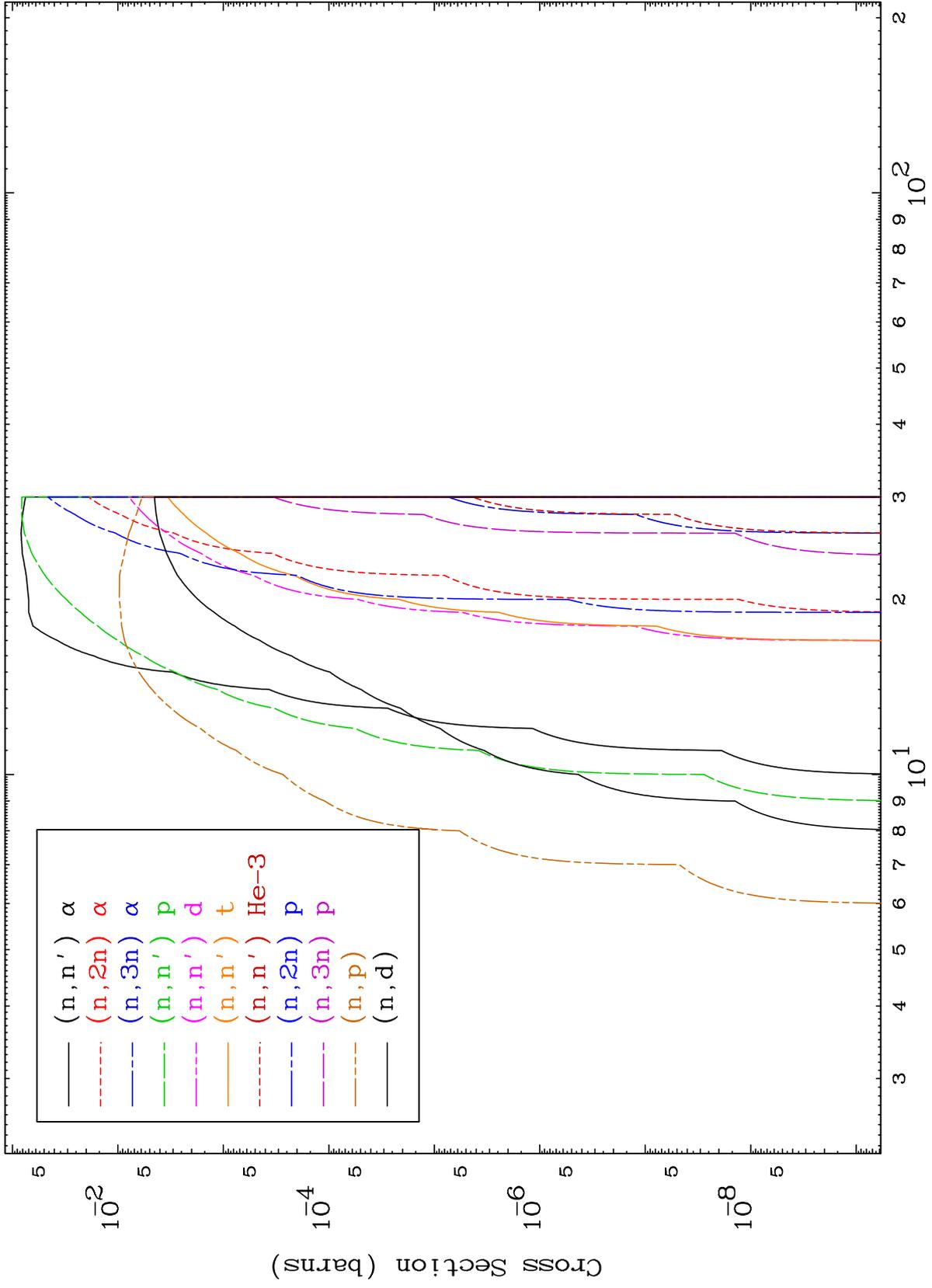


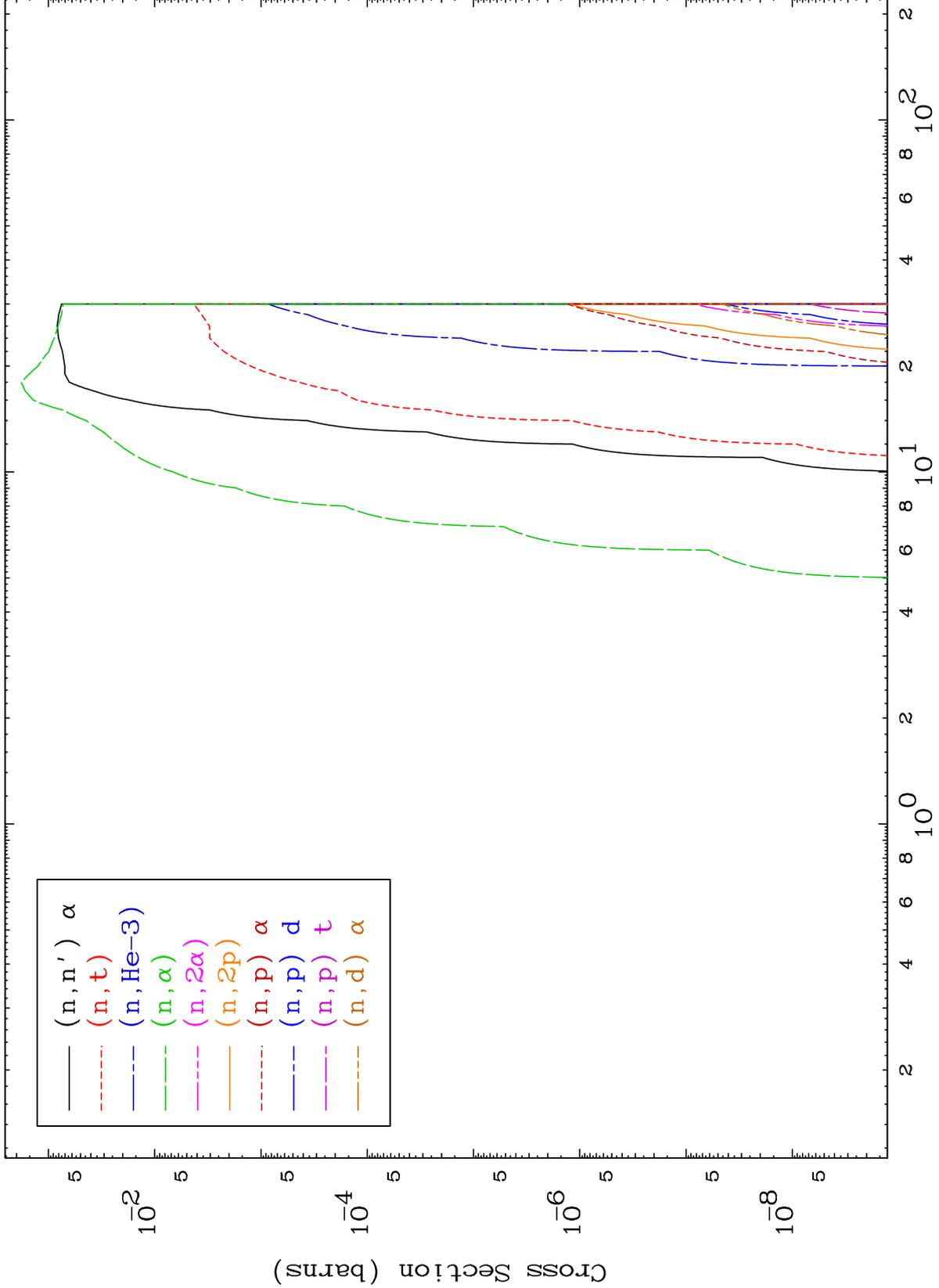
MAT 2946

α Neutron Absorption
0 Kelvin Cross Sections

²⁹Cu-70



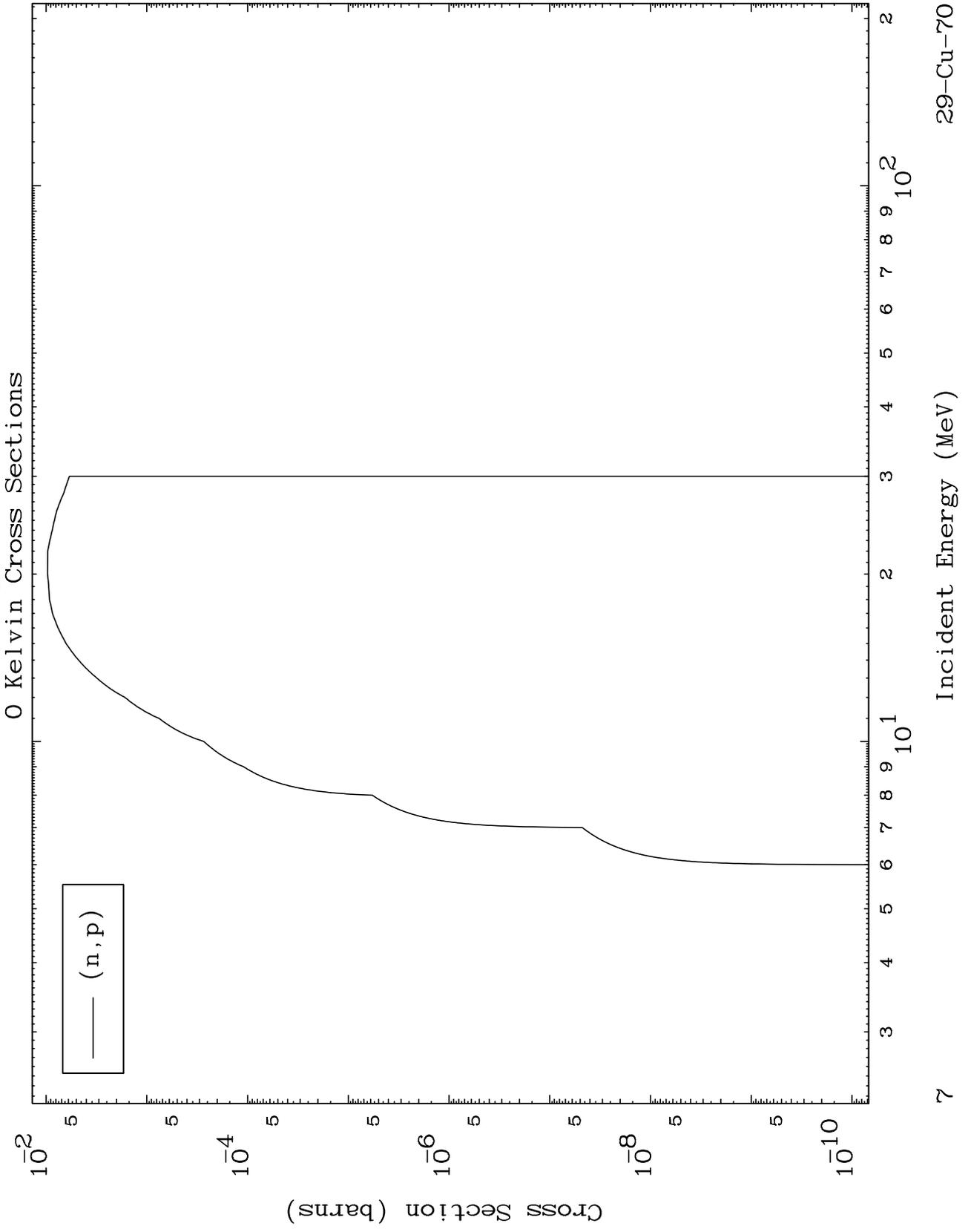




MAT 2946

(α, p) Levels

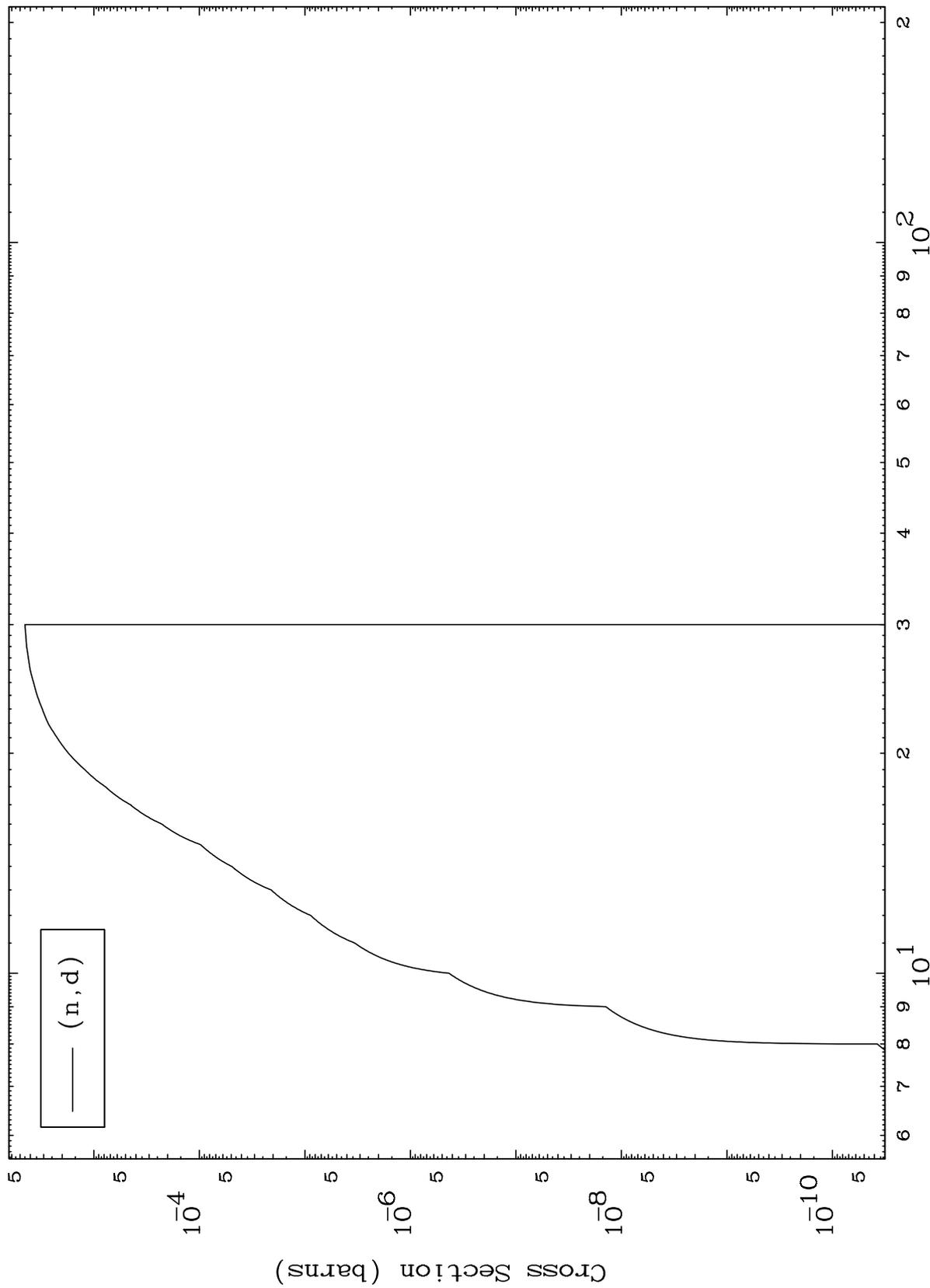
29-Cu-70



MAT 2946

(α, d) Levels
0 Kelvin Cross Sections

29-Cu-70



8

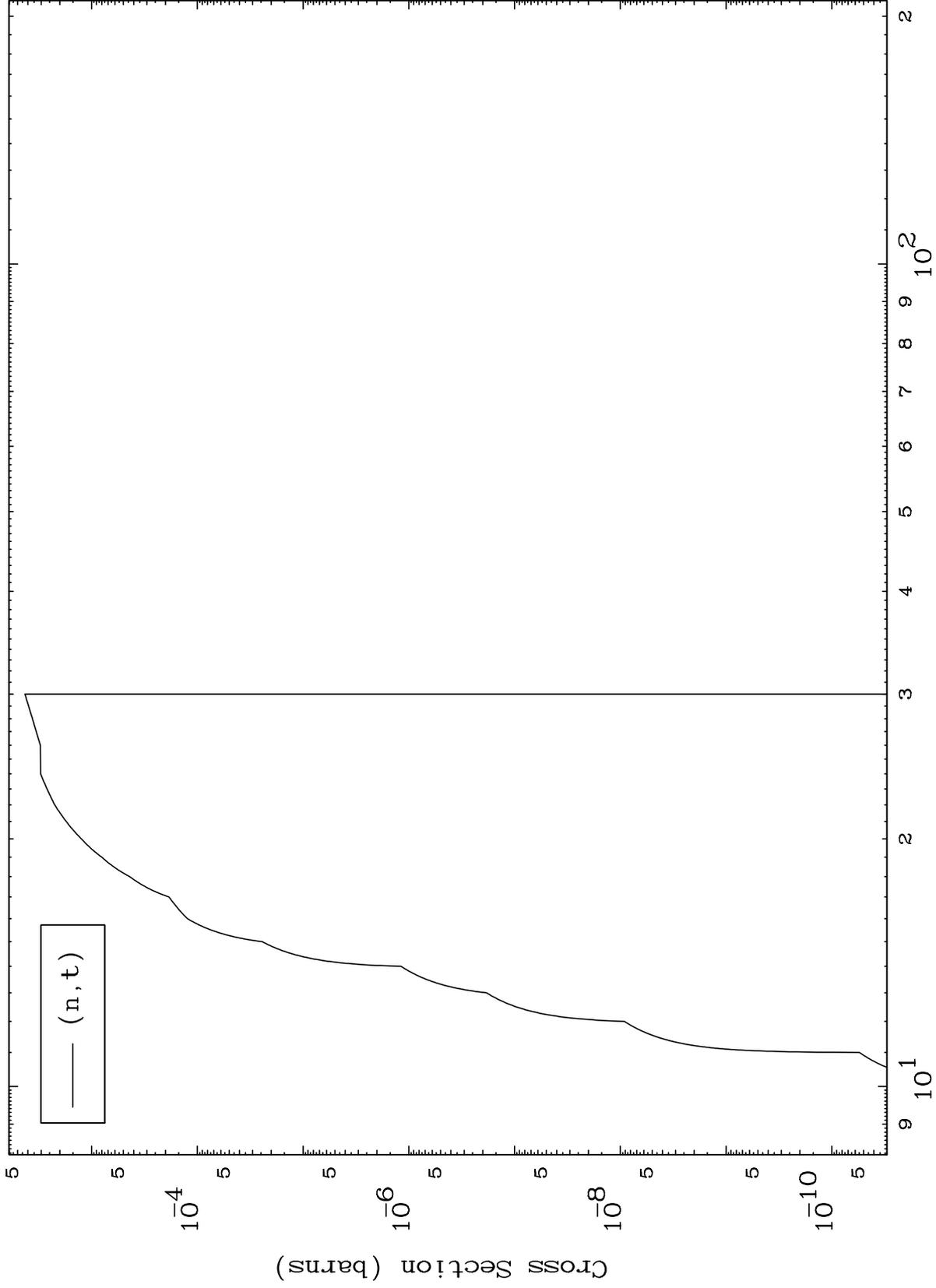
Incident Energy (MeV)

29-Cu-70

MAT 2946

(α, t) Levels
0 Kelvin Cross Sections

29-Cu-70



9

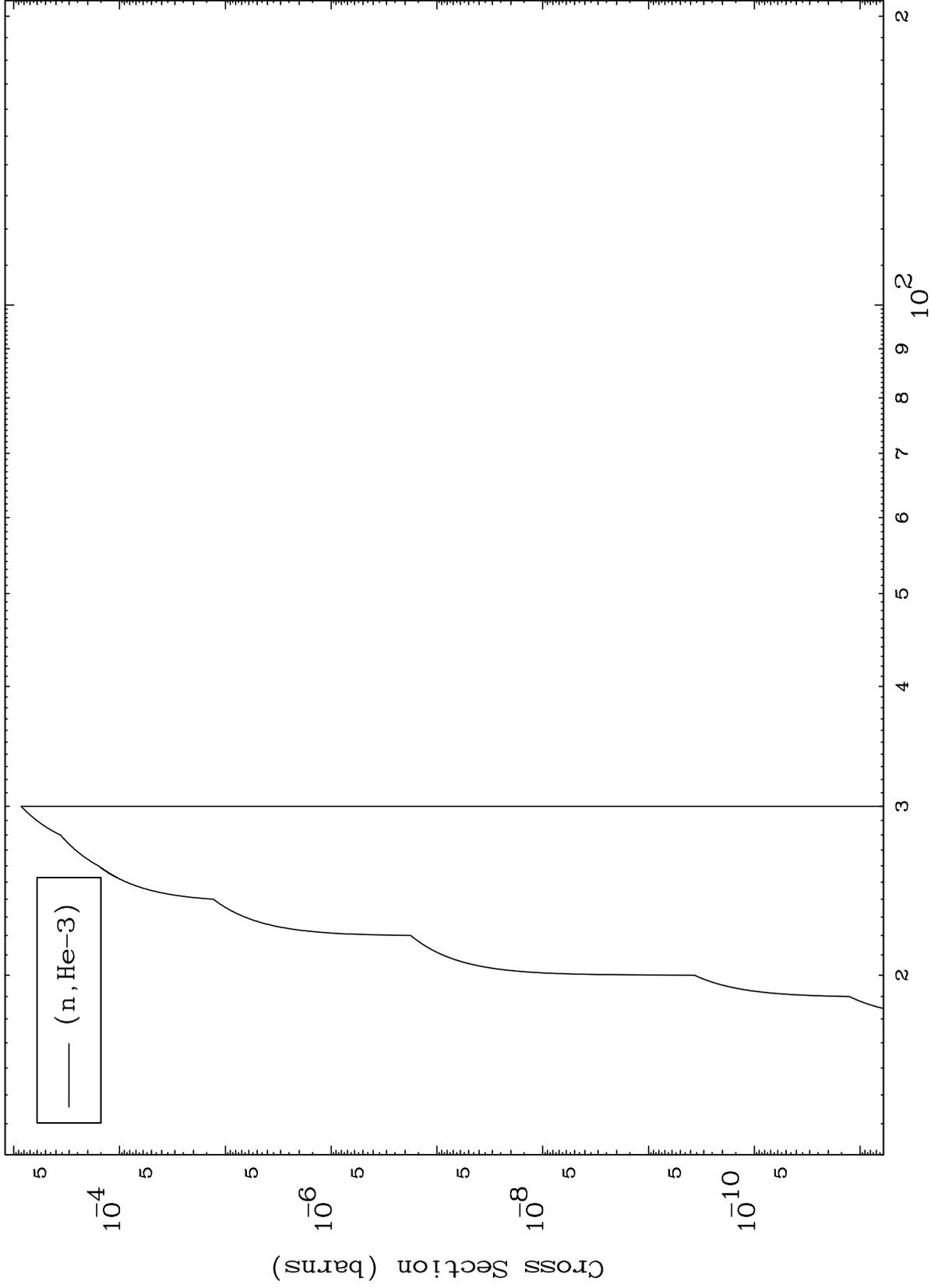
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70



10

Incident Energy (MeV)

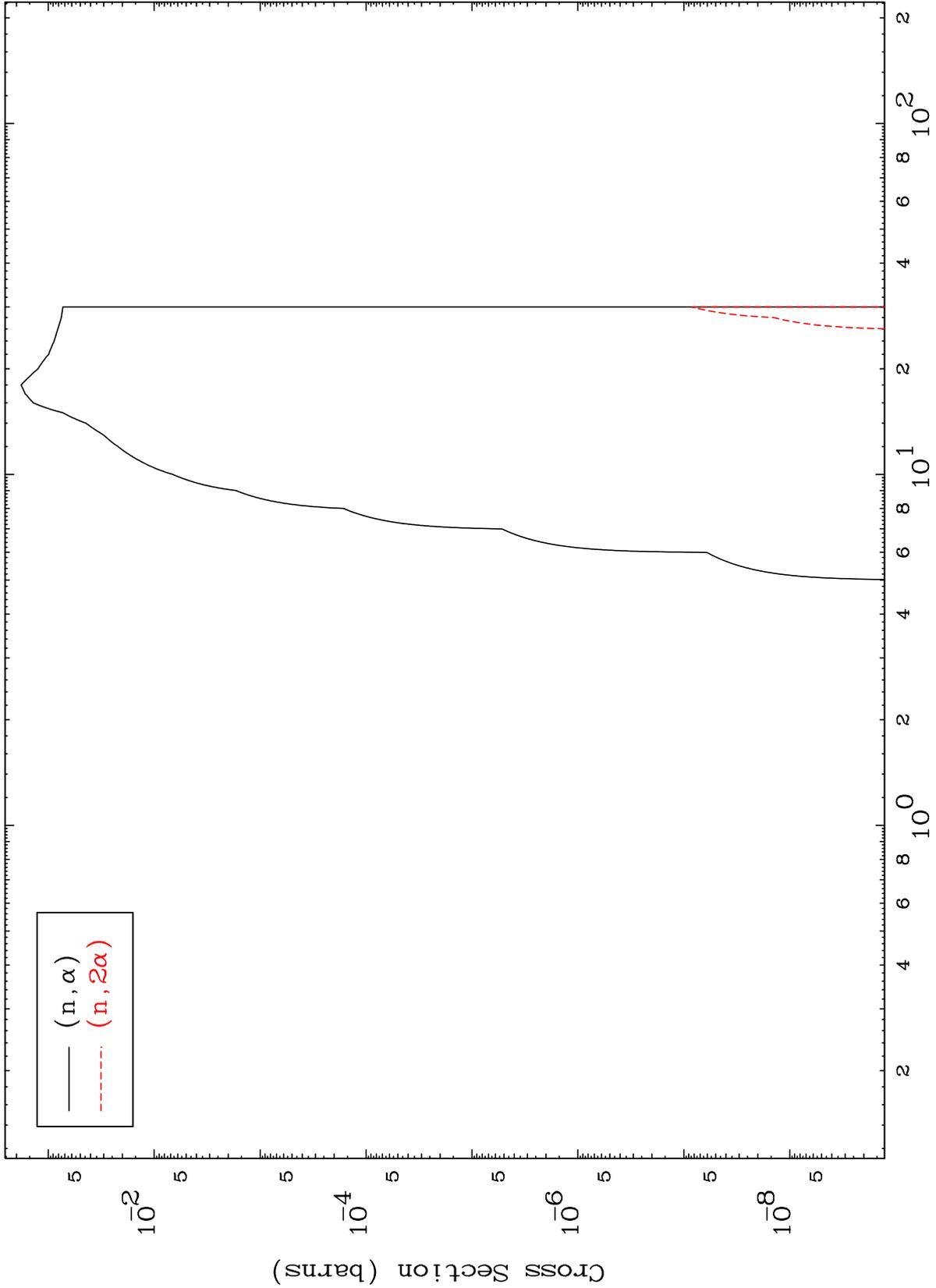
29-Cu-70

MAT 2946

(α, α) Levels

29-Cu-70

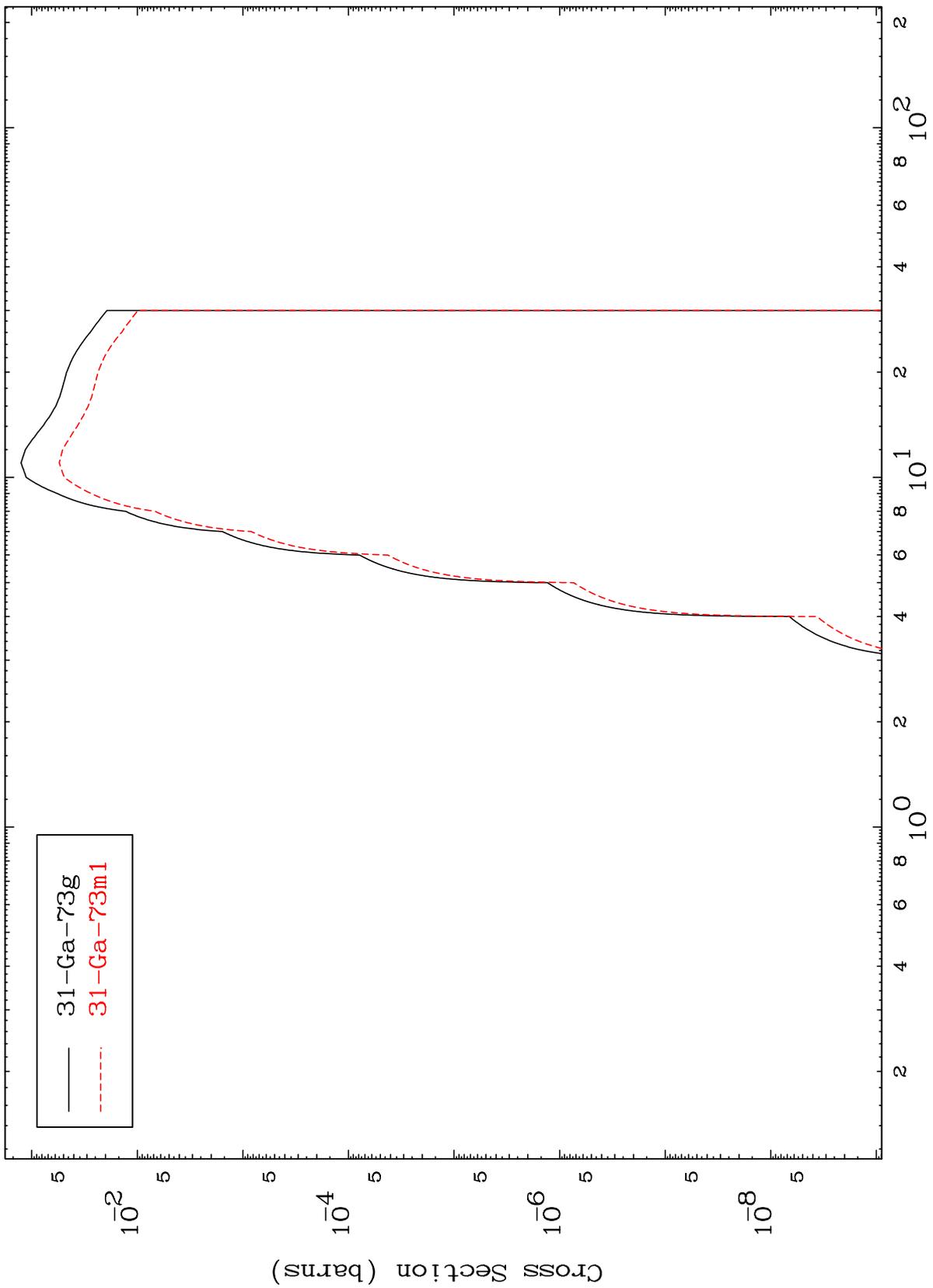
0 Kelvin Cross Sections



MAT 2946

29-Cu-70

Inelastic
Radionuclide Production Cross Section

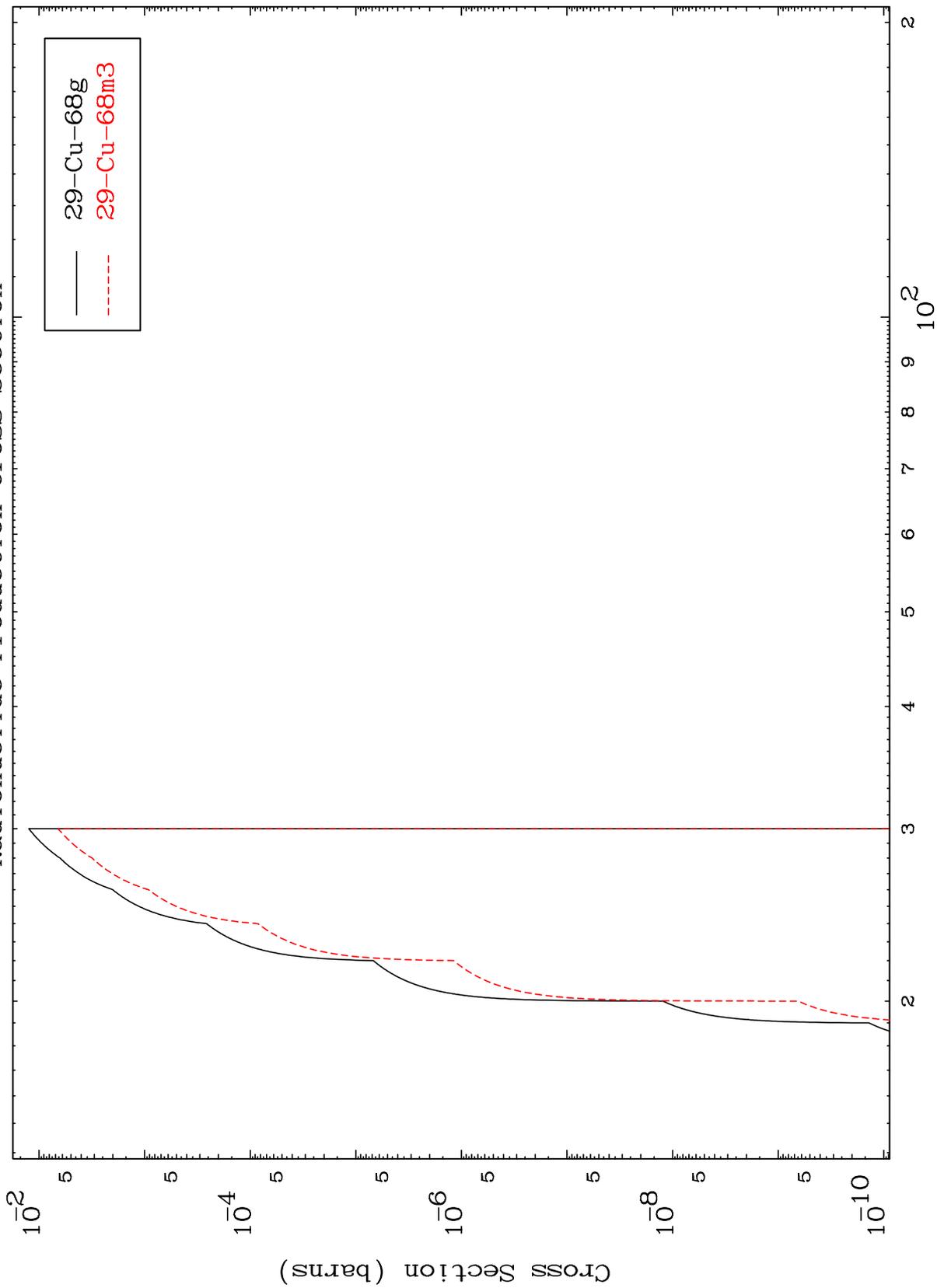


MAT 2946

$(n,2n) \alpha$

$^{29}\text{Cu-70}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

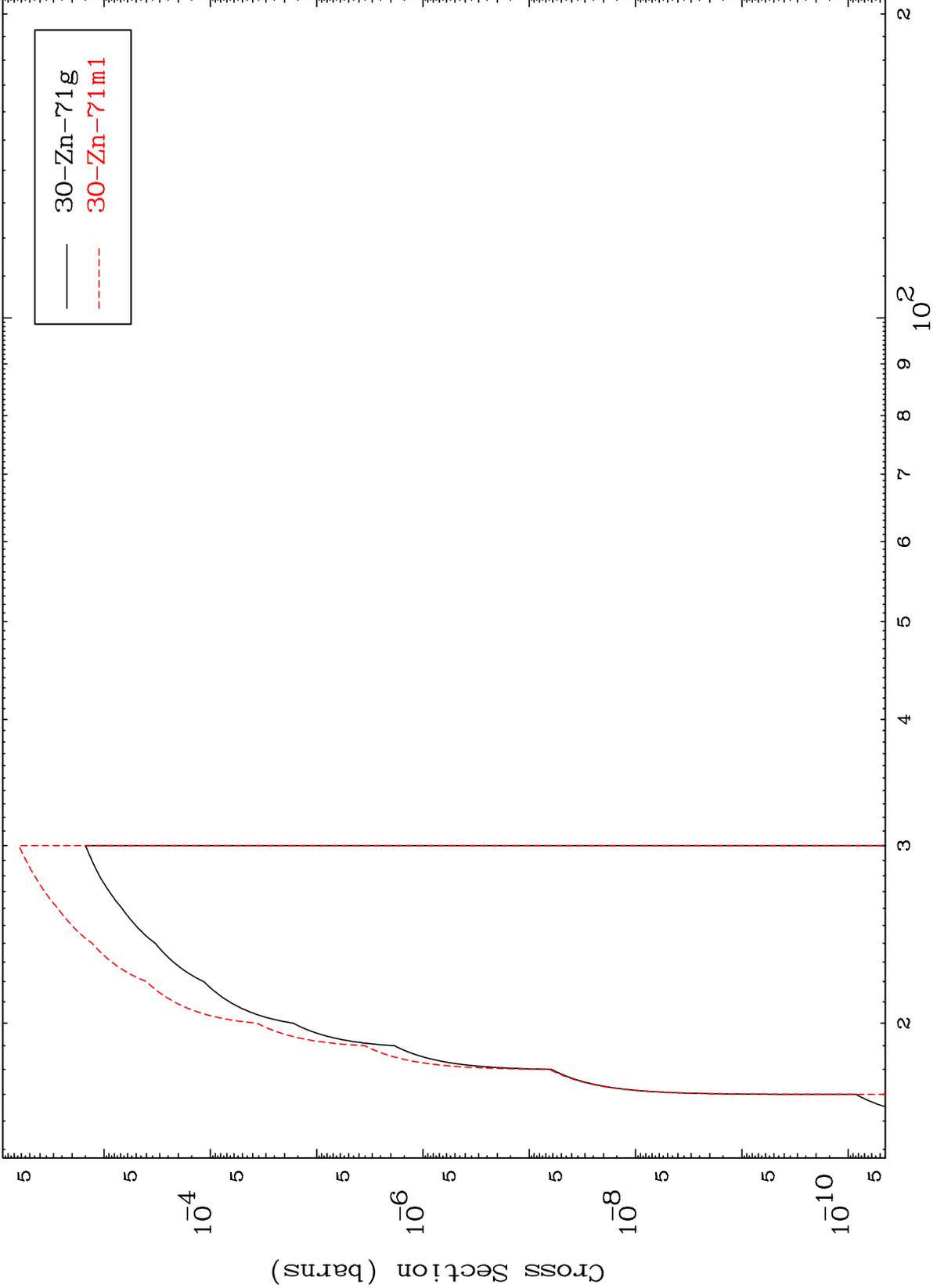
$^{29}\text{Cu-70}$

MAT 2946

(n,n') d

29-Cu-70

Radionuclide Production Cross Section



14

Incident Energy (MeV)

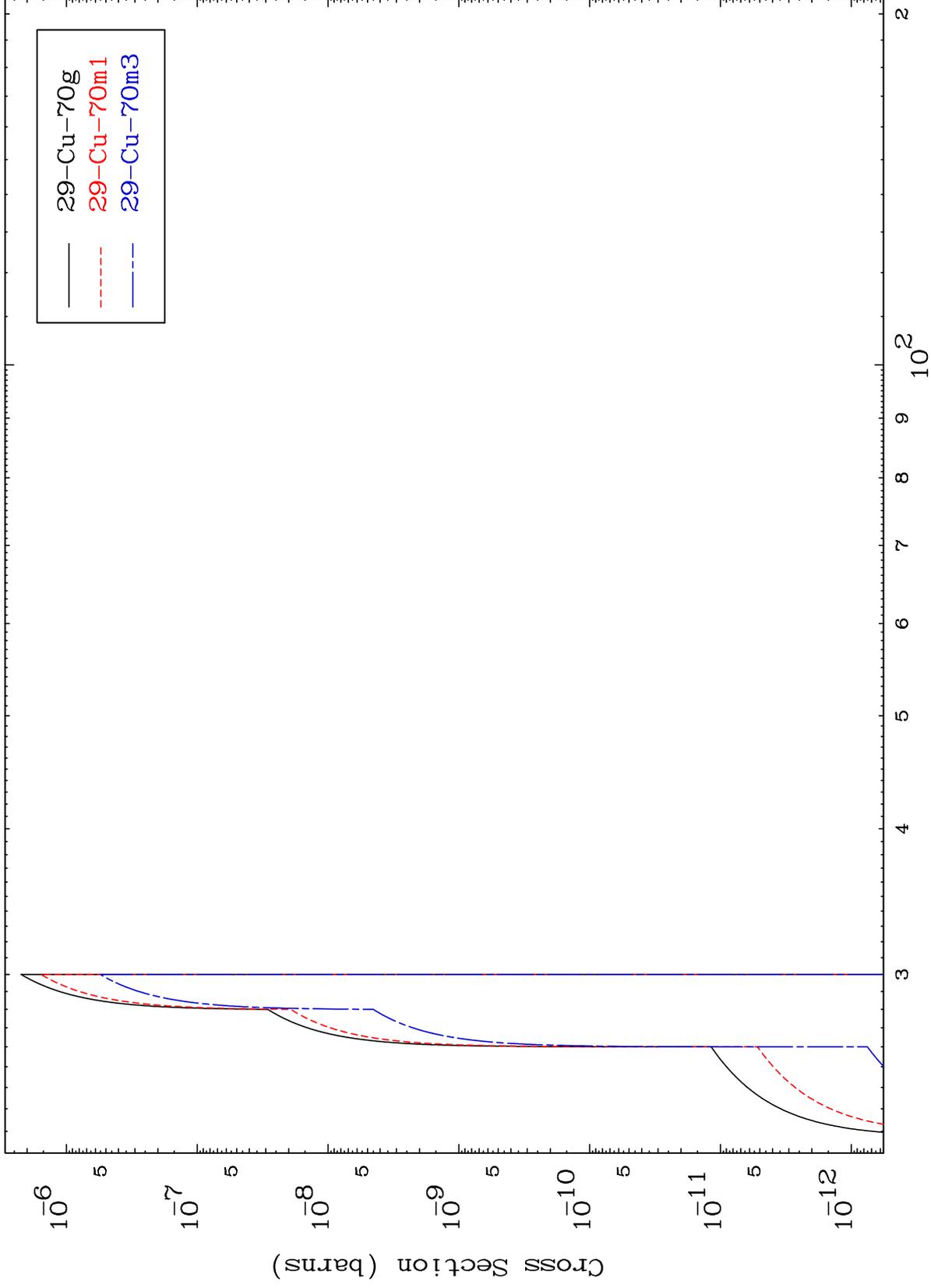
29-Cu-70

MAT 2946

(n,n') He-3

29-Cu-70

Radionuclide Production Cross Section



15

Incident Energy (MeV)

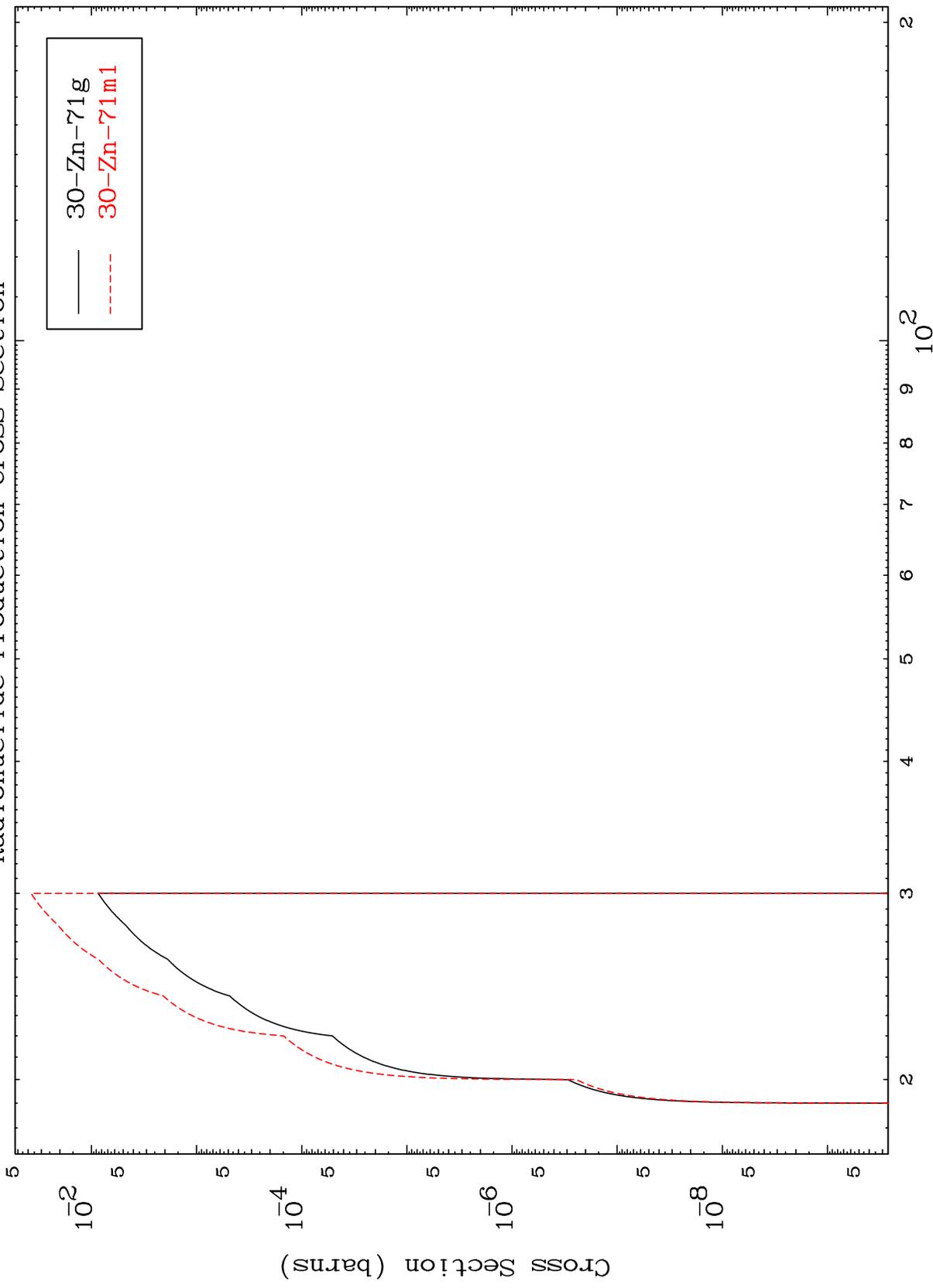
29-Cu-70

MAT 2946

(n,2n) p

29-Cu-70

Radionuclide Production Cross Section



16

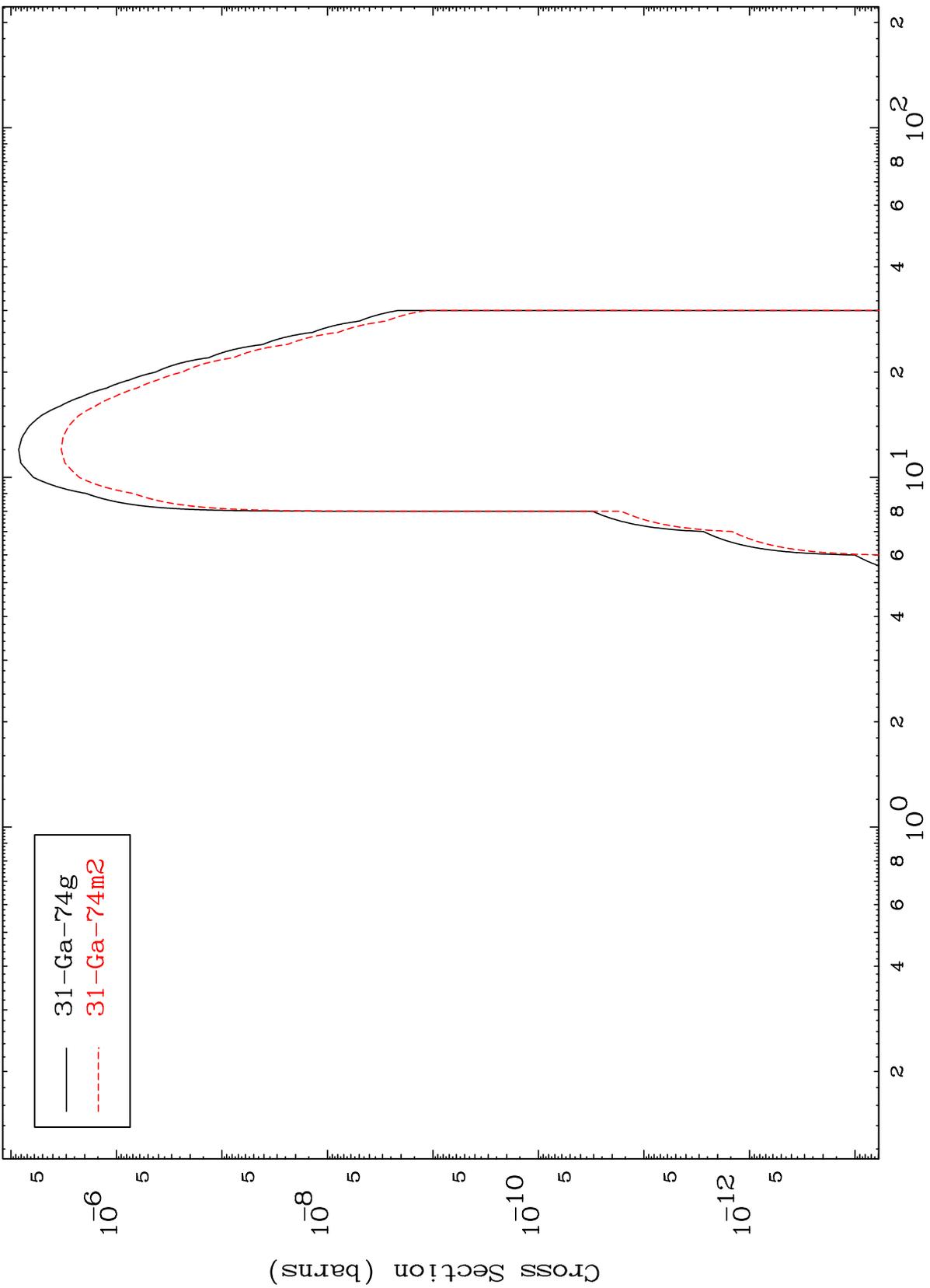
Incident Energy (MeV)

29-Cu-70

MAT 2946

29-Cu-70

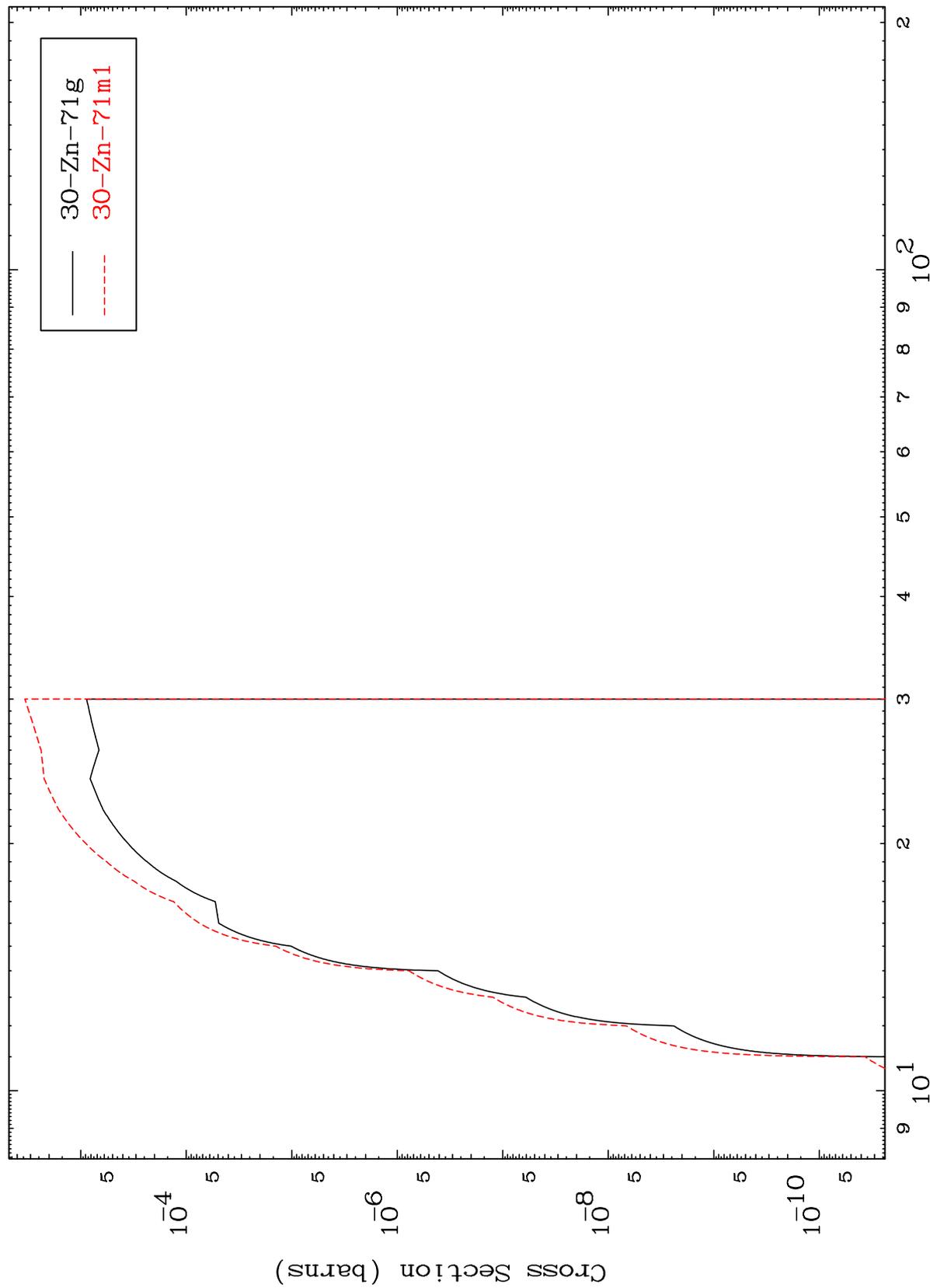
(n, γ)
Radionuclide Production Cross Section



MAT 2946

29-Cu-70

(n,t)
Radionuclide Production Cross Section



29-Cu-70

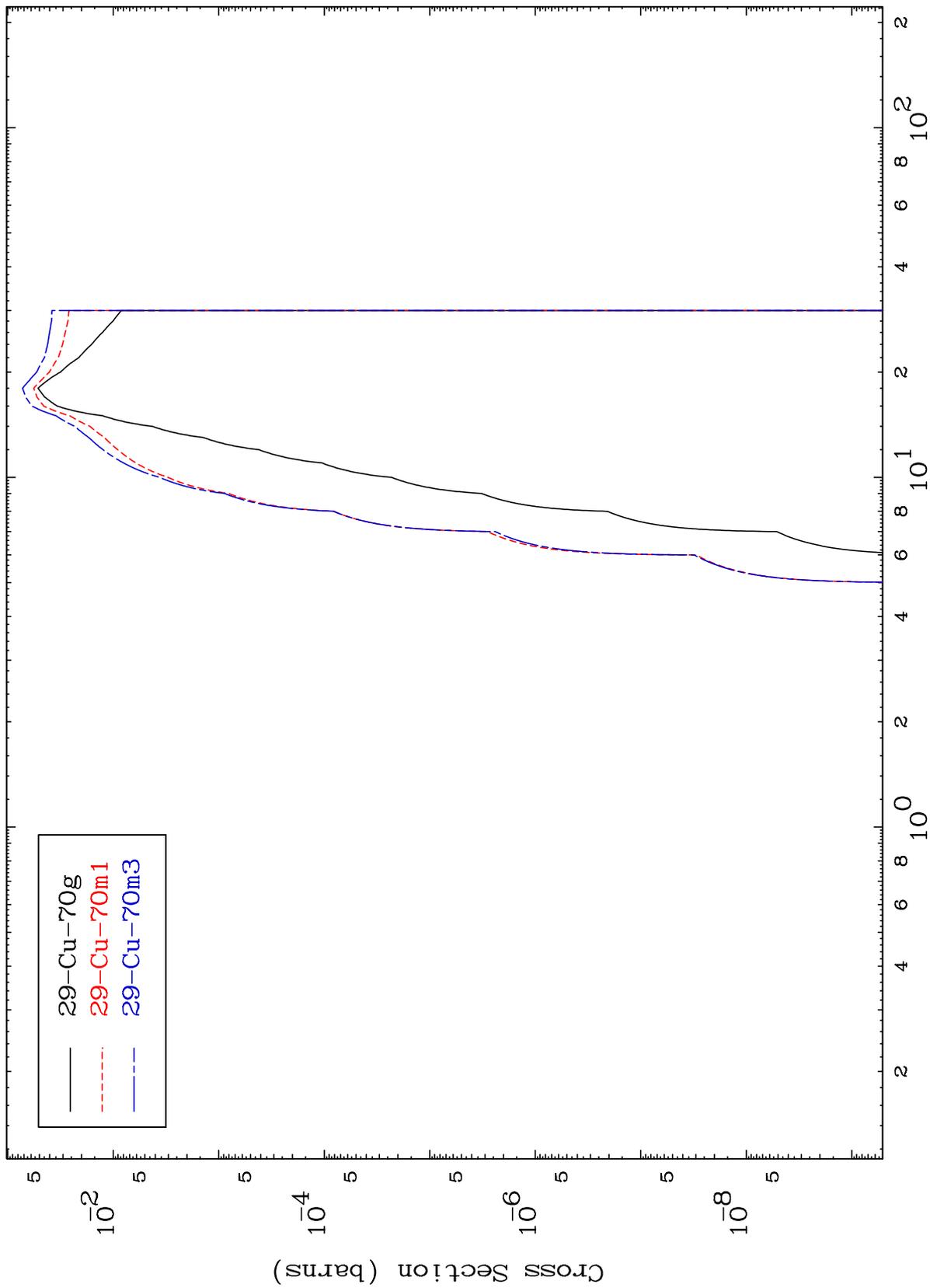
Incident Energy (MeV)

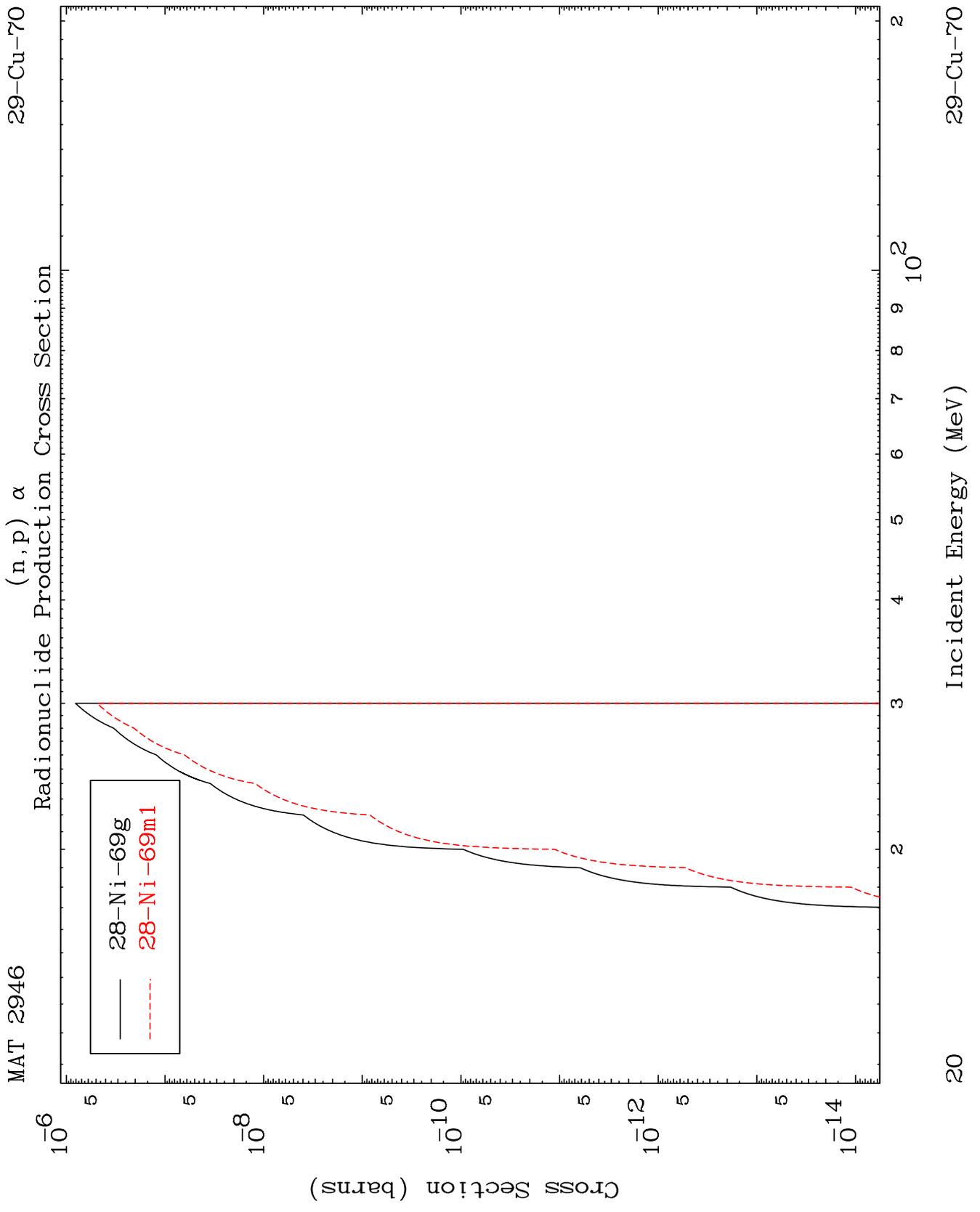
18

MAT 2946

²⁹Cu-70

Radionuclide Production Cross Section



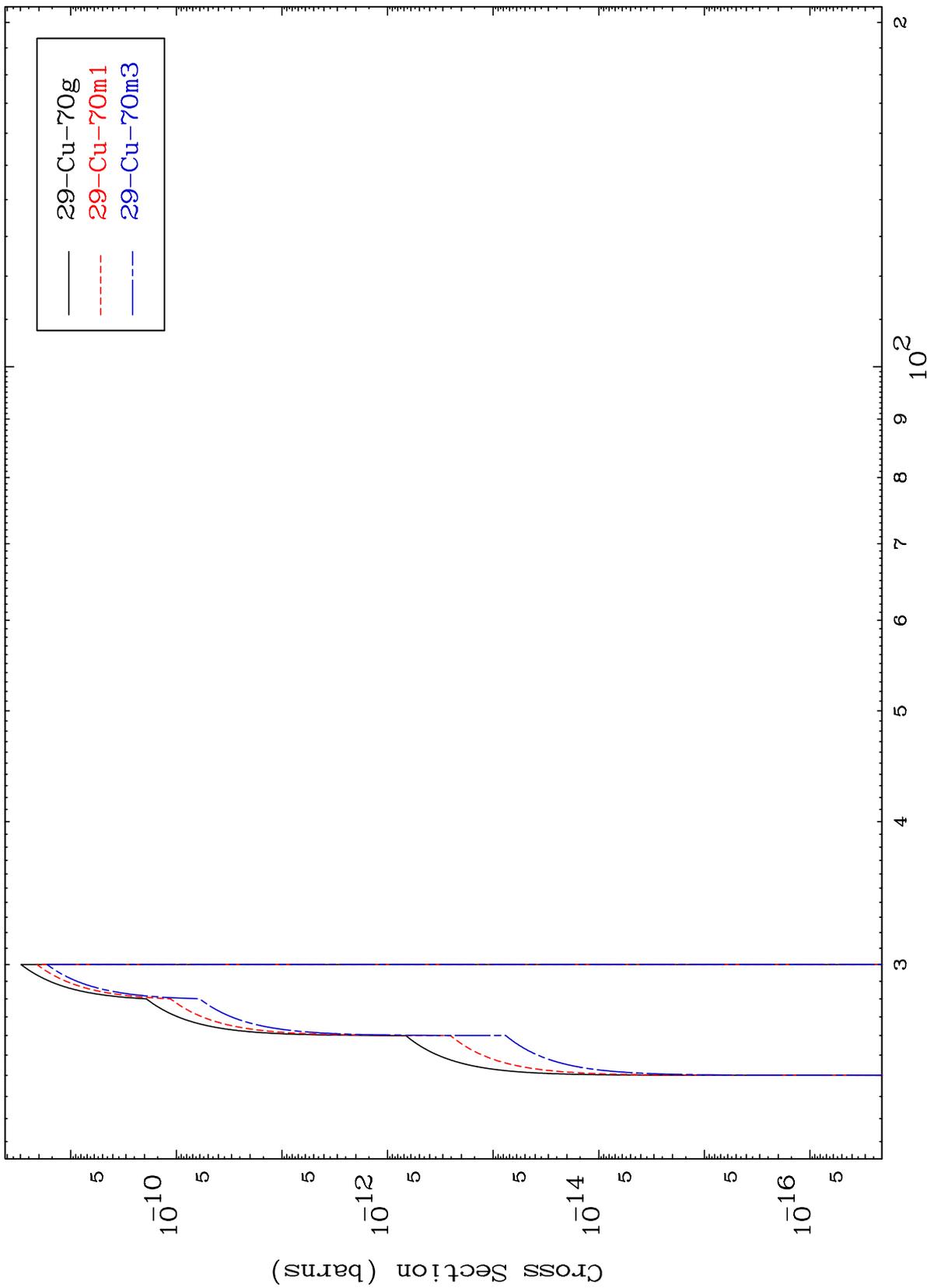


MAT 2946

(n,p) t

²⁹Cu-70

Radionuclide Production Cross Section



21

Incident Energy (MeV)

²⁹Cu-70