

Program EVALPLOT
(Version 2021-1)

by

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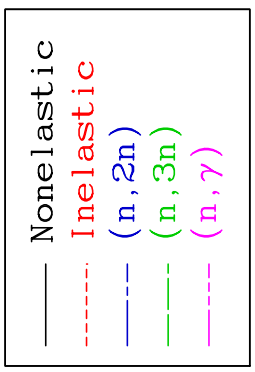
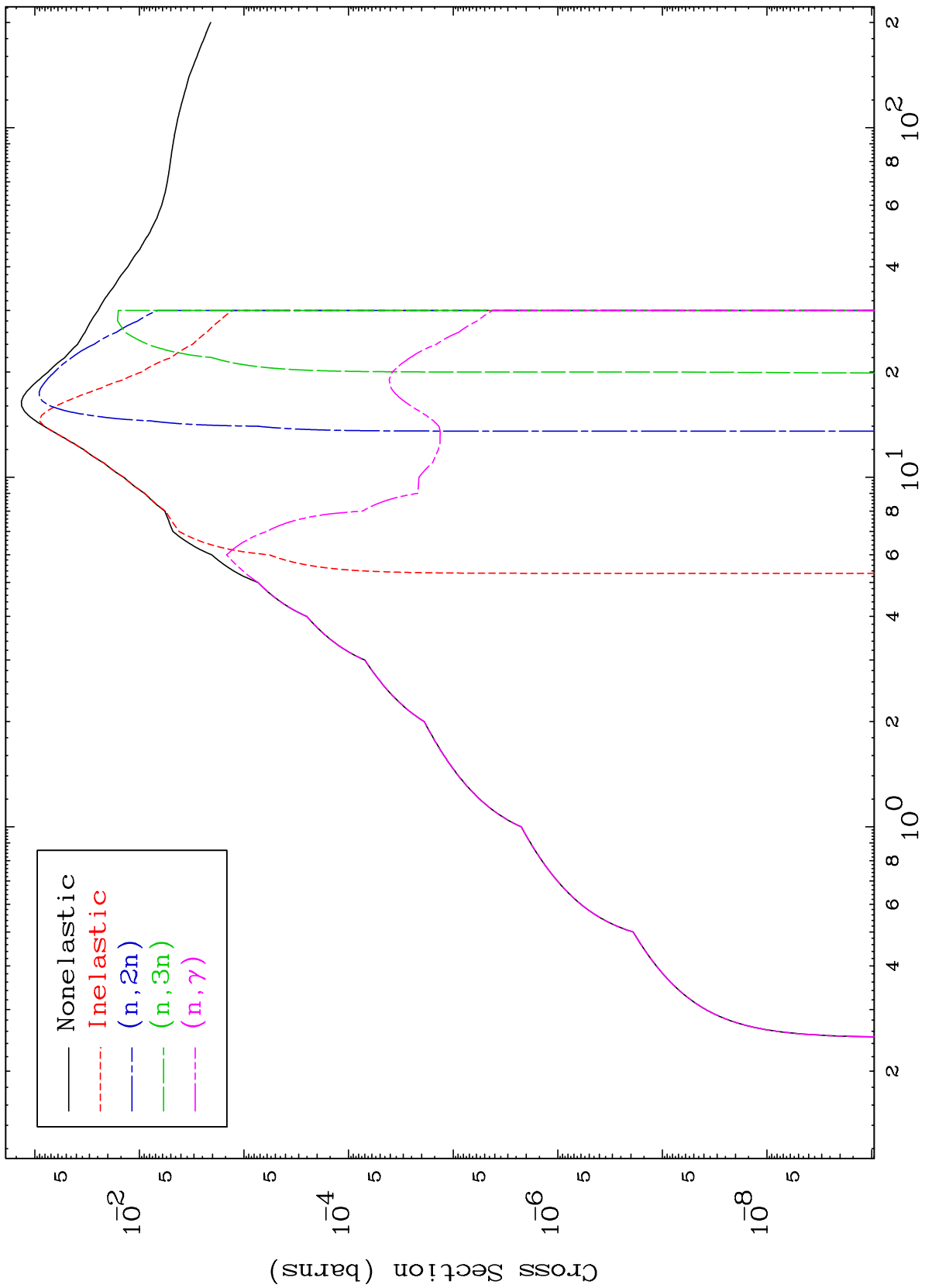
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2946

Photon Major
0 Kelvin Cross Sections

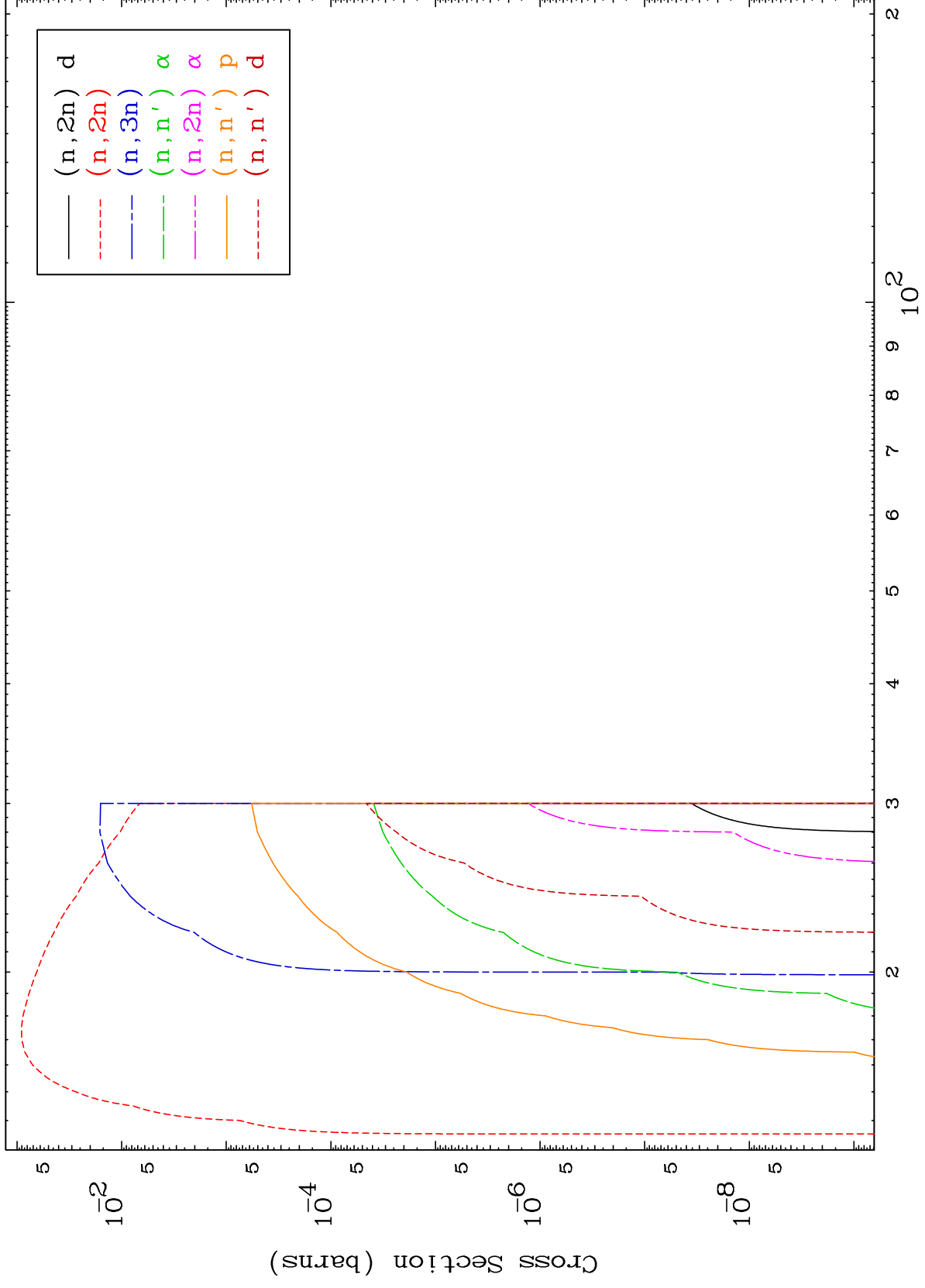
29-Cu-70



MAT 2946

Photon Neutron Absorption
0 Kelvin Cross Sections

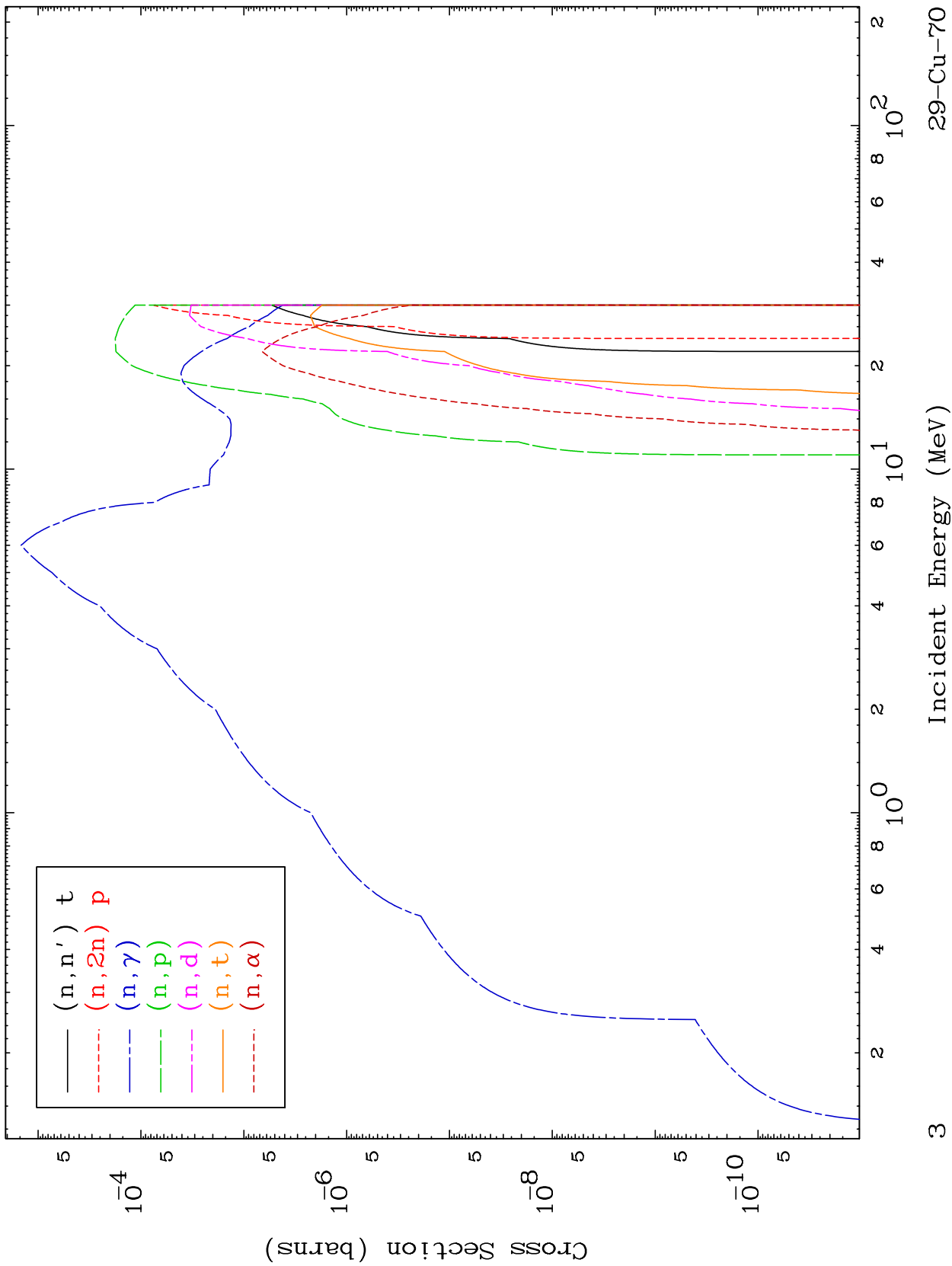
29-Cu-70



2

Incident Energy (MeV)

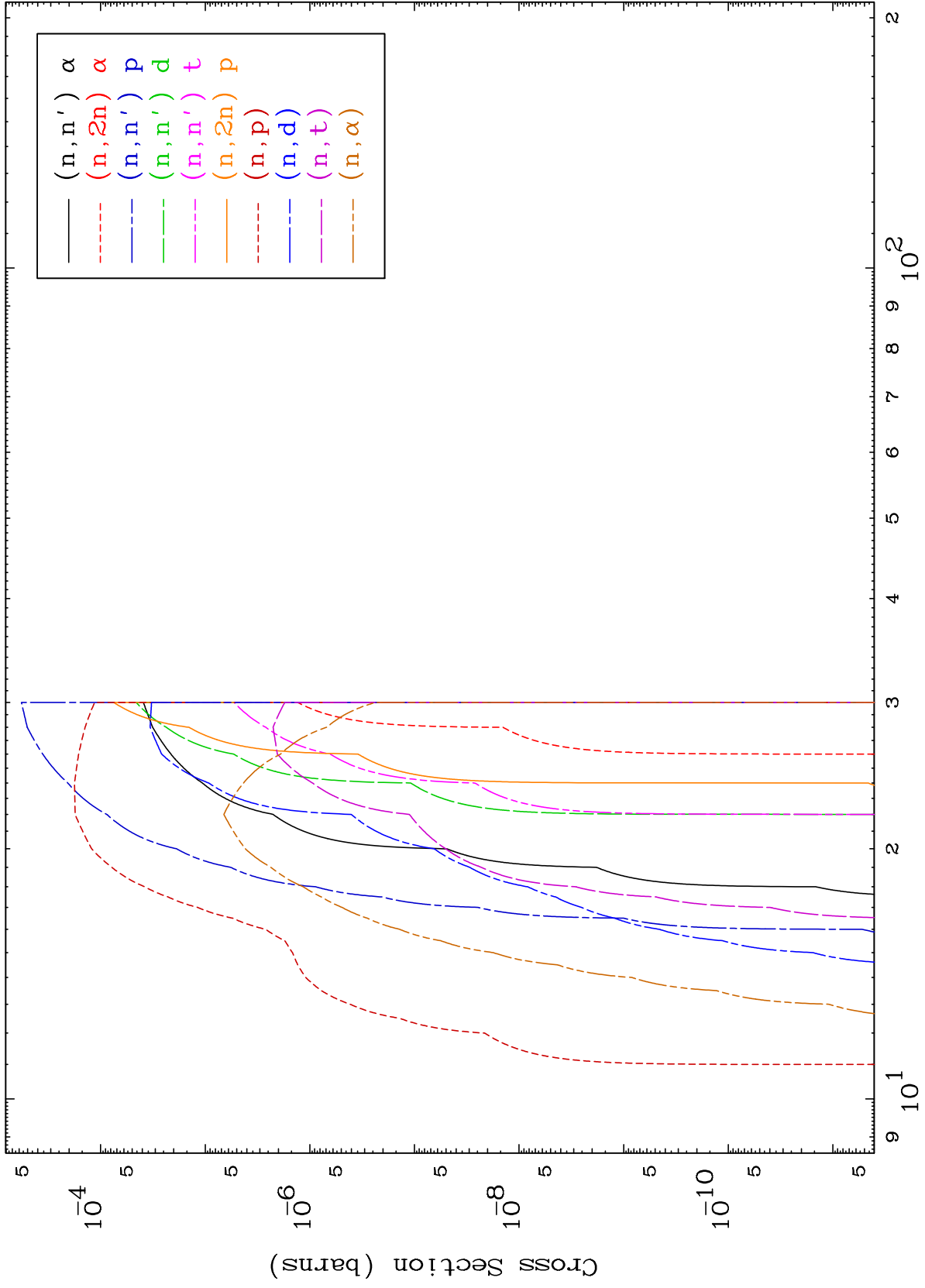
29-Cu-70



MAT 2946

Photon Charged Particle
0 Kelvin Cross Sections

29-Cu-70



Incident Energy (MeV)

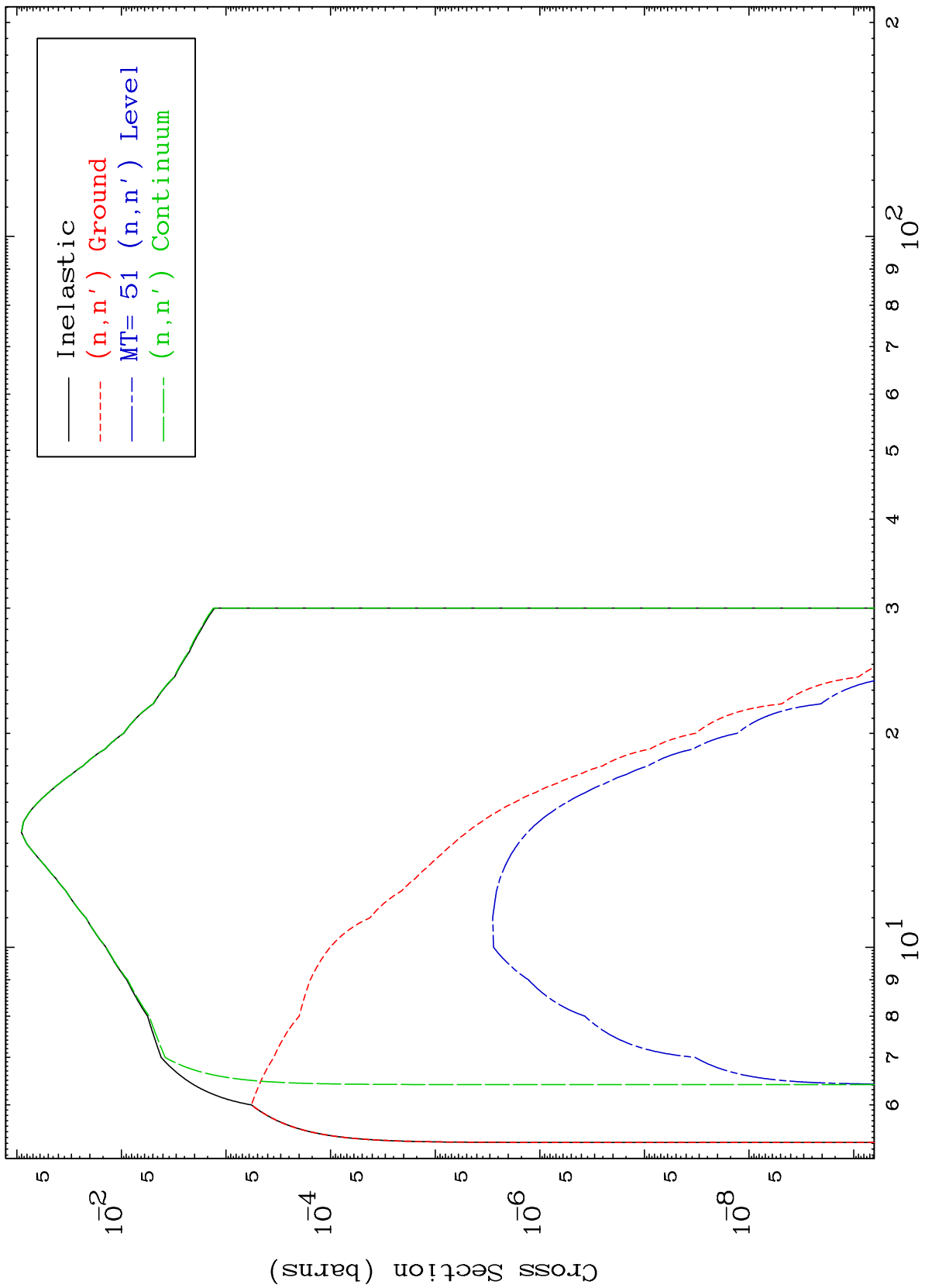
29-Cu-70

4

MAT 2946

29-Cu-70

(γ, n') Levels
0 Kelvin Cross Sections



29-Cu-70

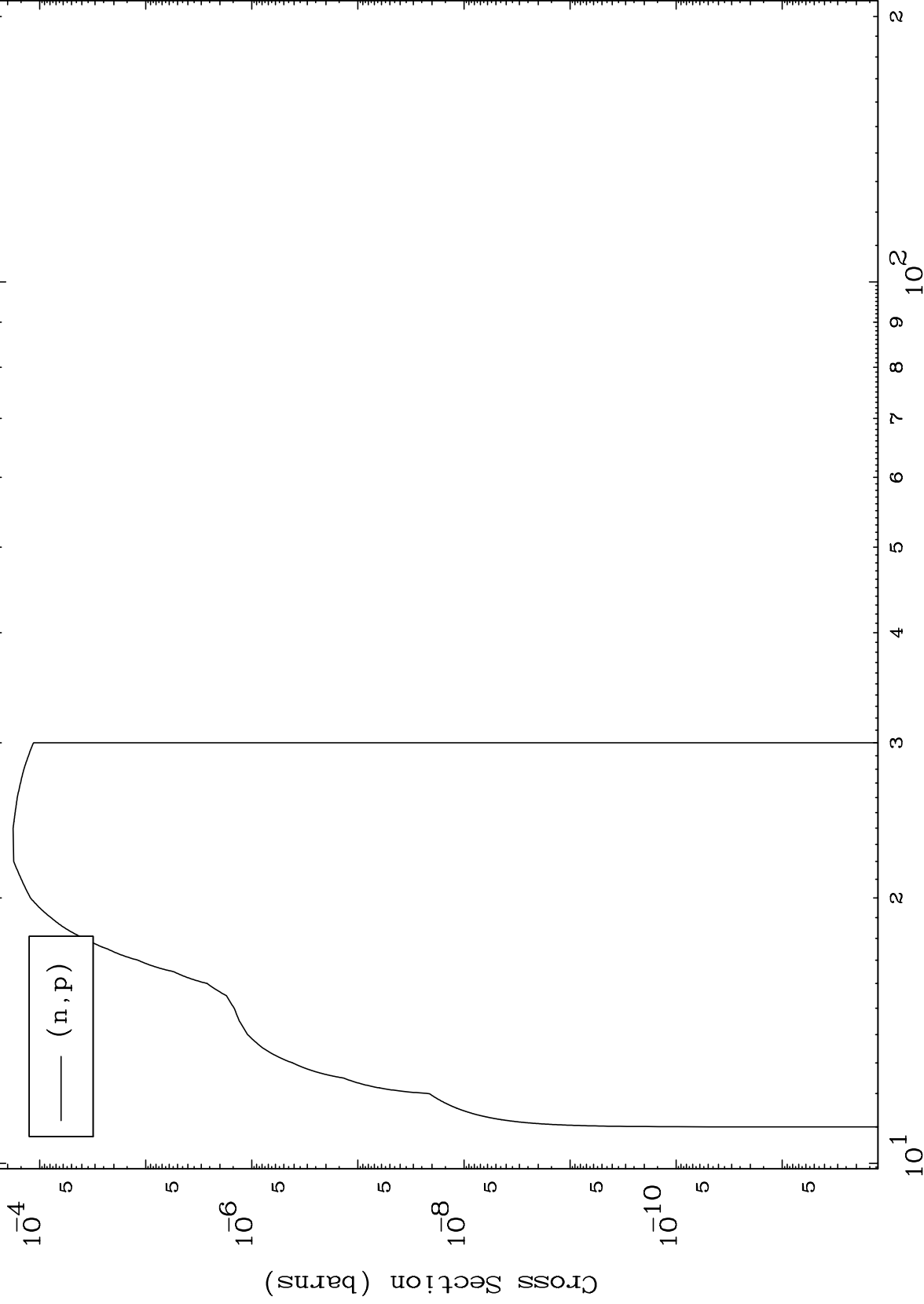
Incident Energy (MeV)

5

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(γ, p) Levels
0 Kelvin Cross Sections

29-Cu-70



(n, p)

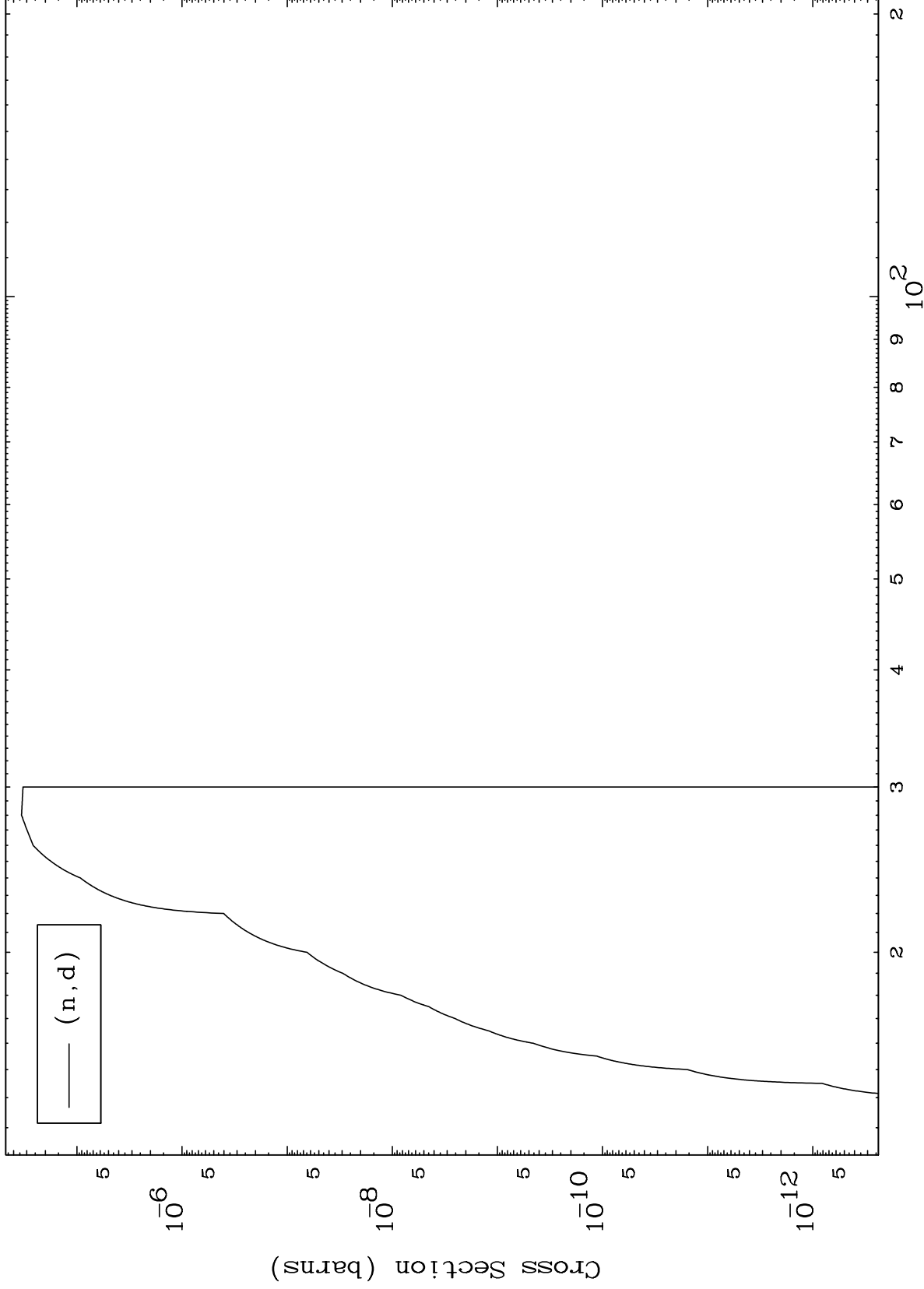
Incident Energy (MeV)

29-Cu-70

MAT 2946

(γ, d) Levels
0 Kelvin Cross Sections

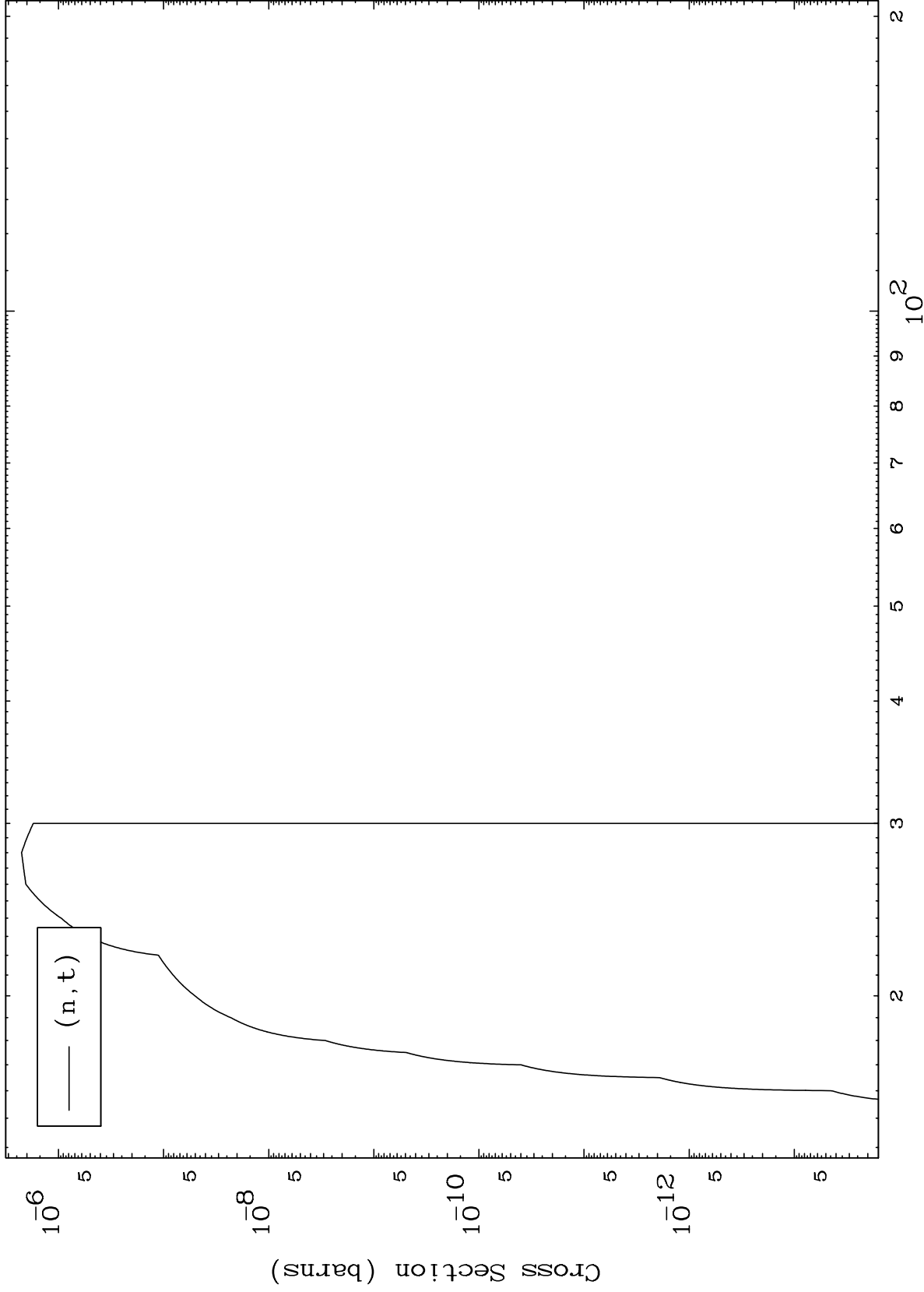
29-Cu-70



7

Incident Energy (MeV)

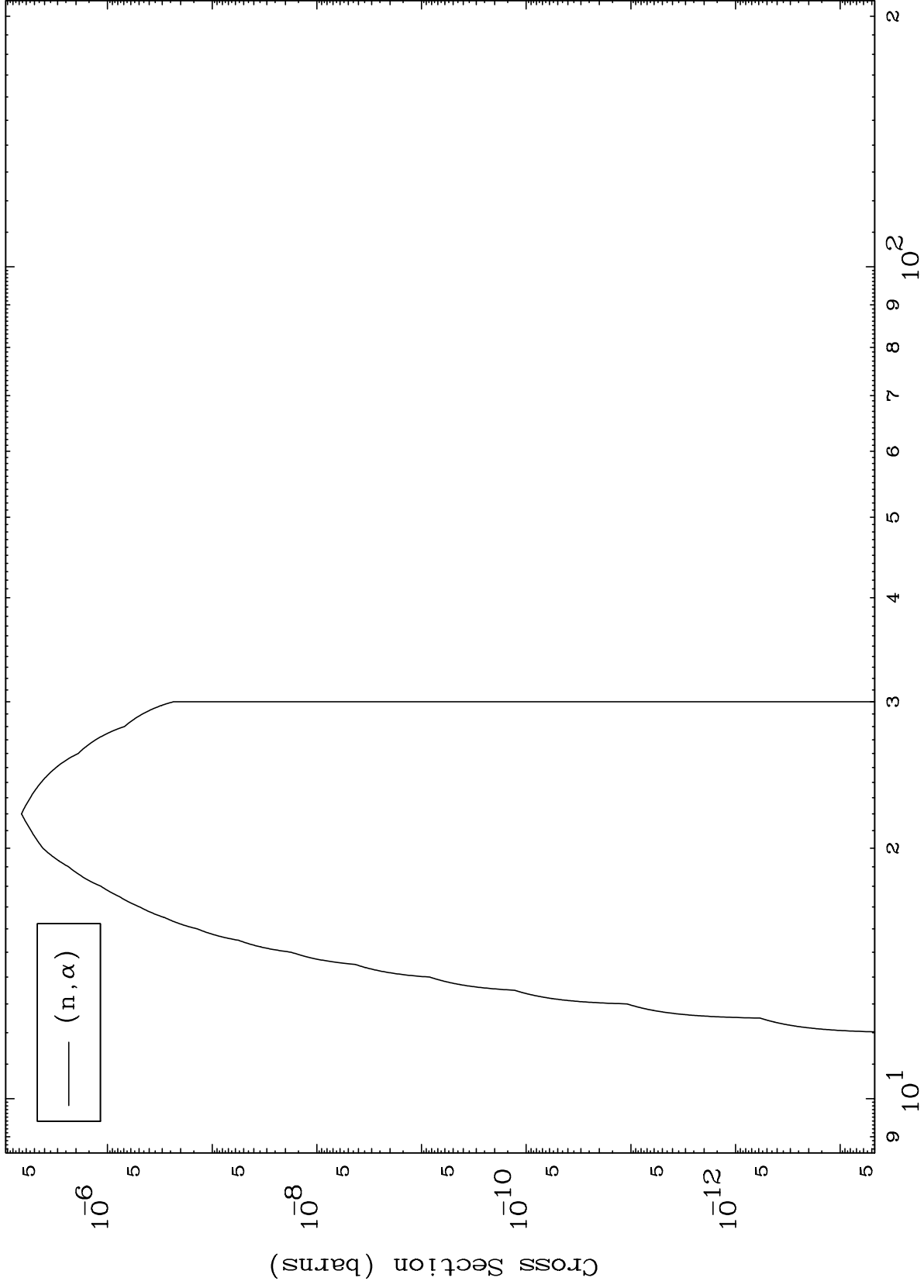
29-Cu-70



MAT 2946

(γ, α) Levels
0 Kelvin Cross Sections

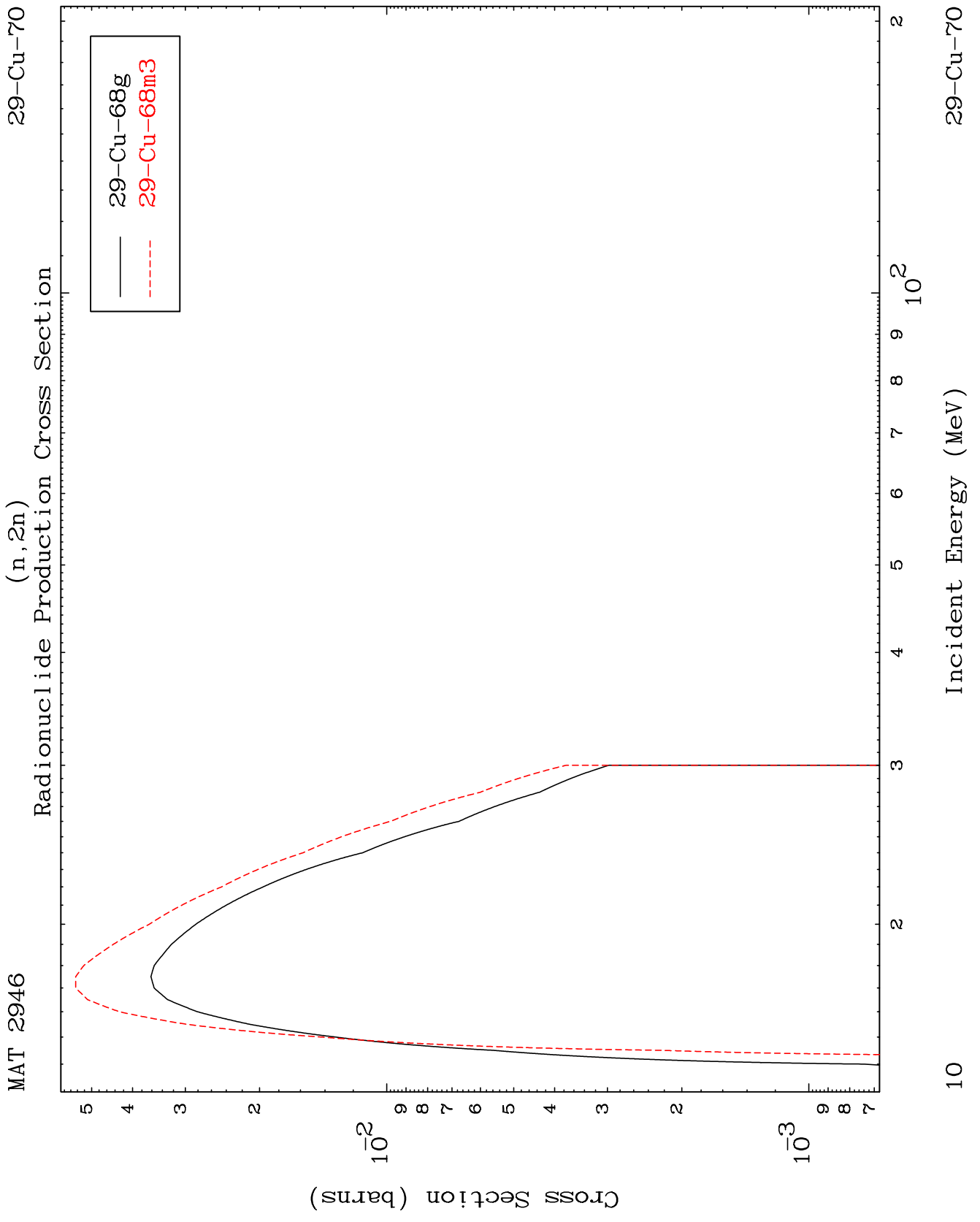
29-Cu-70



9

Incident Energy (MeV)

29-Cu-70



10

Incident Energy (MeV)

10²

10⁻³

10⁻²

Cross Section (barns)

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(n,2n)

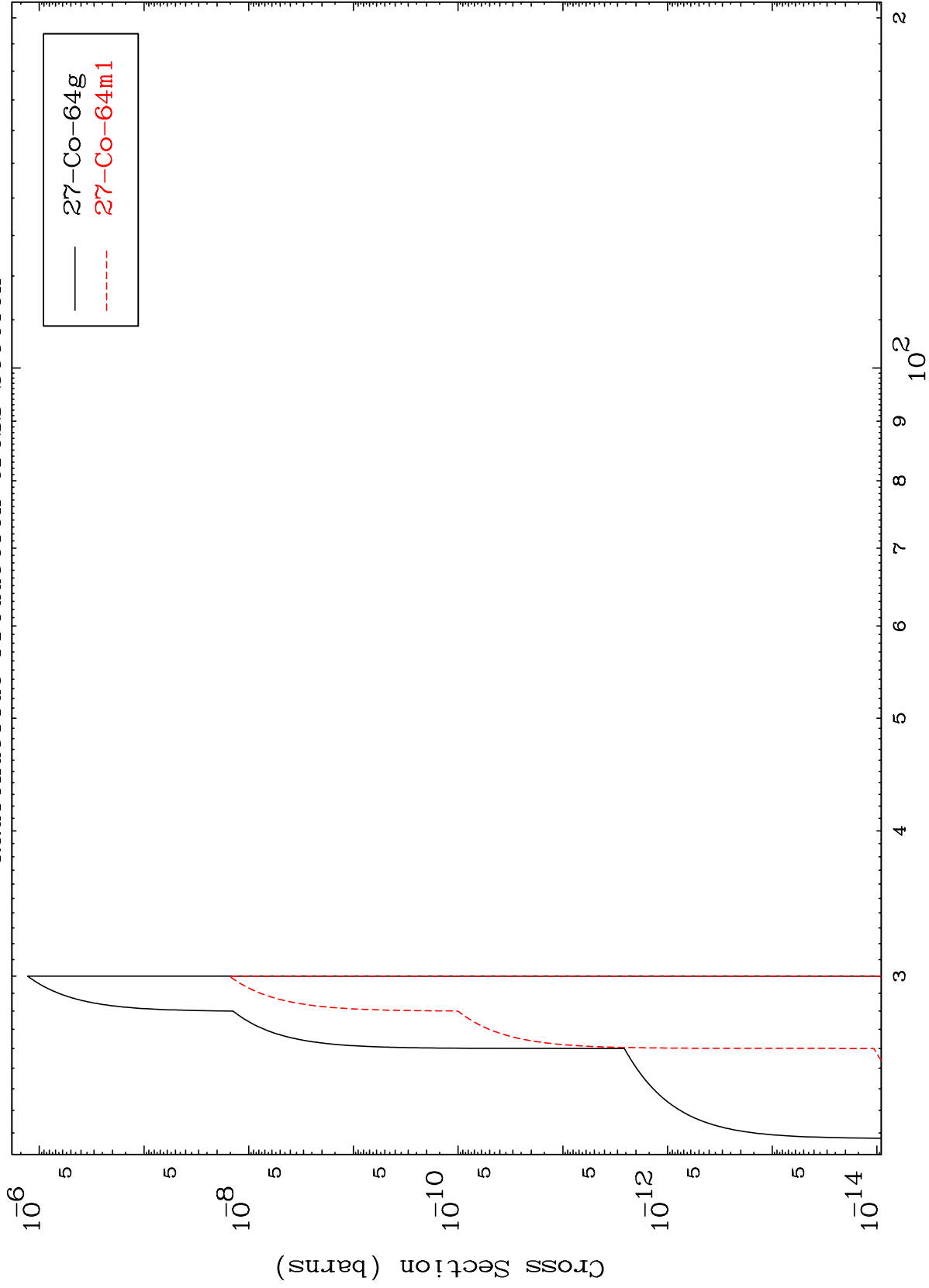
29-Cu-70

MAT 2946

(n,2n) α

29-Cu-70

Radionuclide Production Cross Section



11

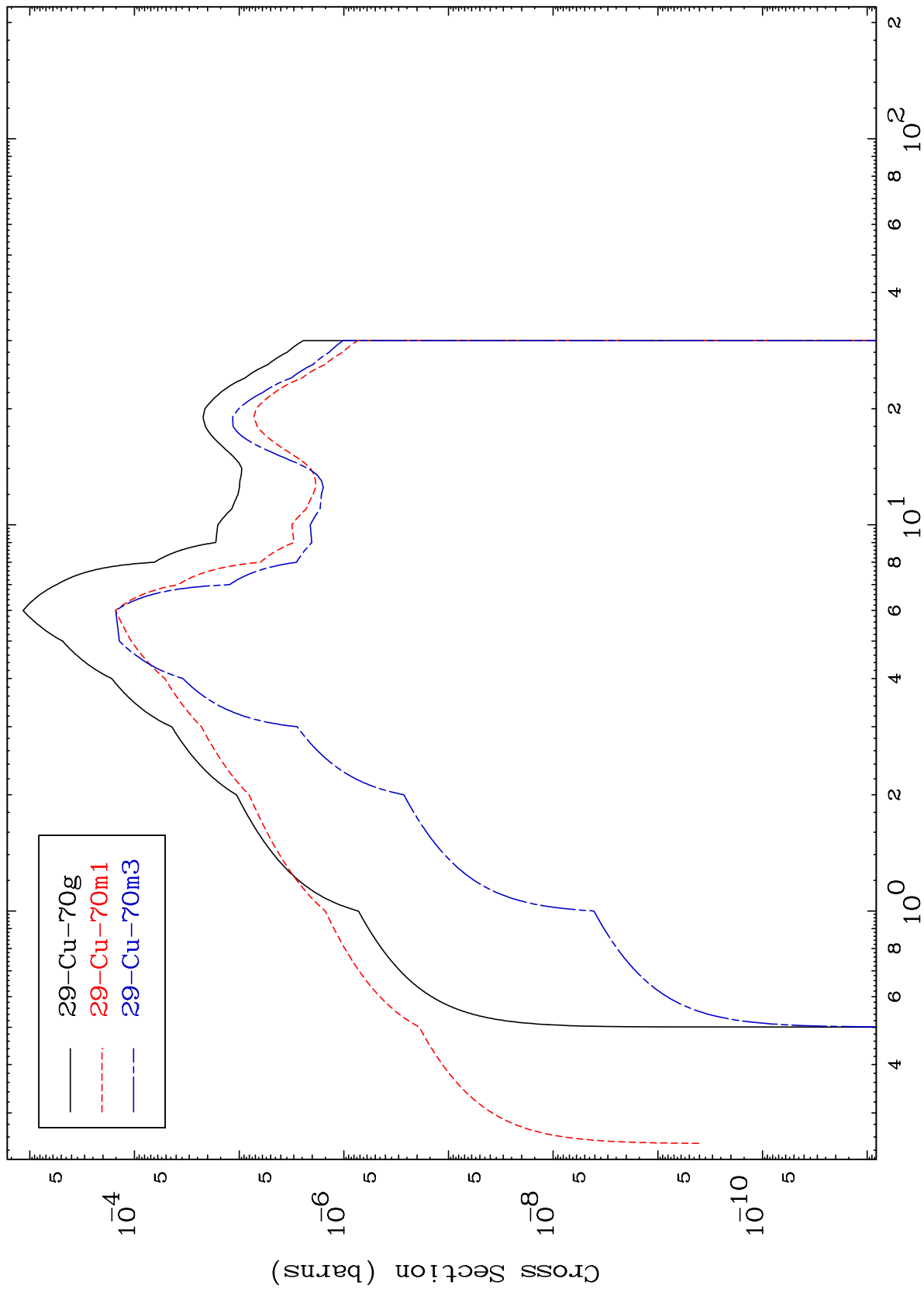
Incident Energy (MeV)

29-Cu-70

MAT 2946

²⁹Cu-70

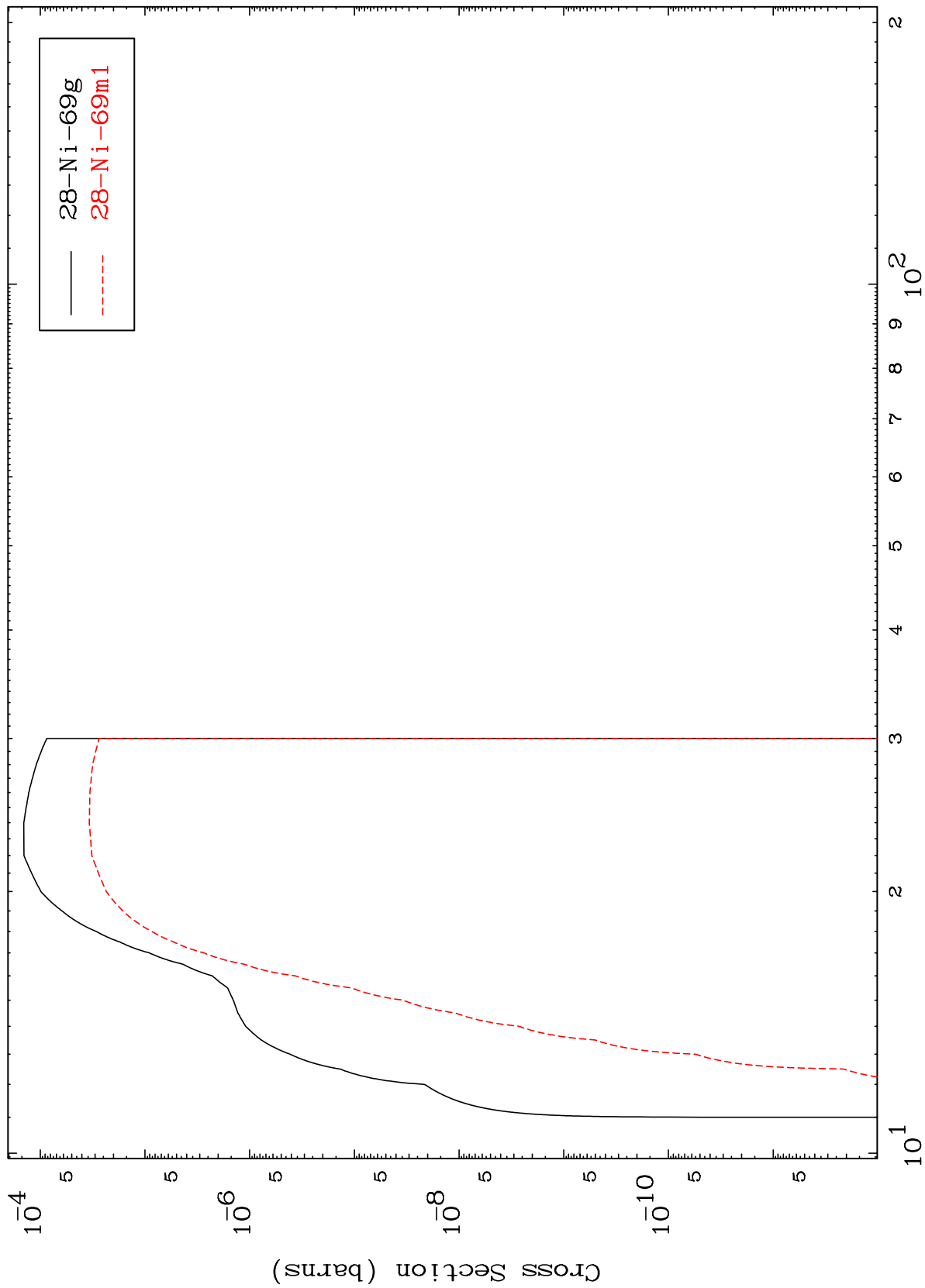
Radionuclide Production Cross Section



MAT 2946

29-Cu-70

(n,p)
Radionuclide Production Cross Section



29-Cu-70

Incident Energy (MeV)

13