

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

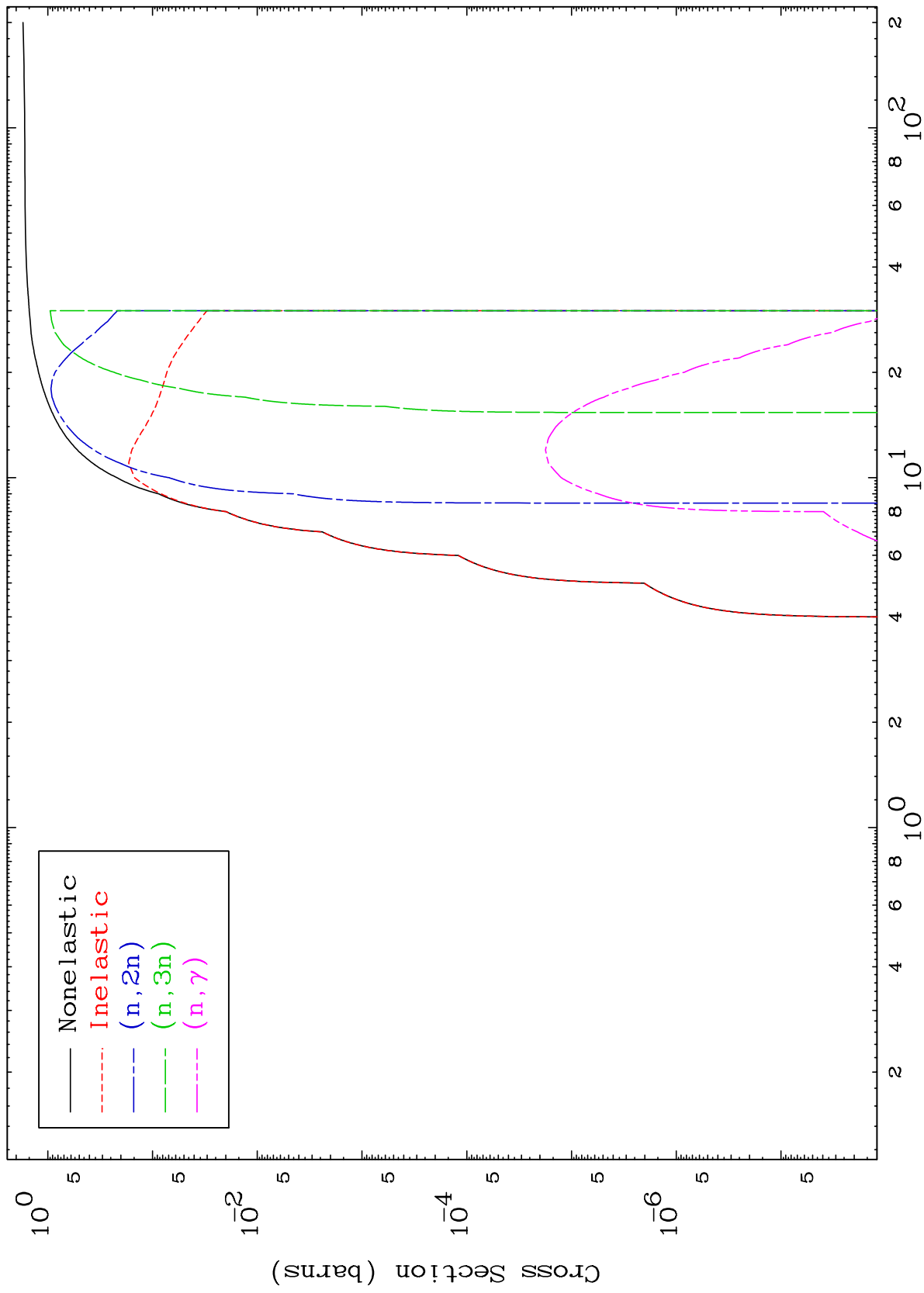
Press Mouse Button to Start

MAT 2947

α Major

29-Cu-70m

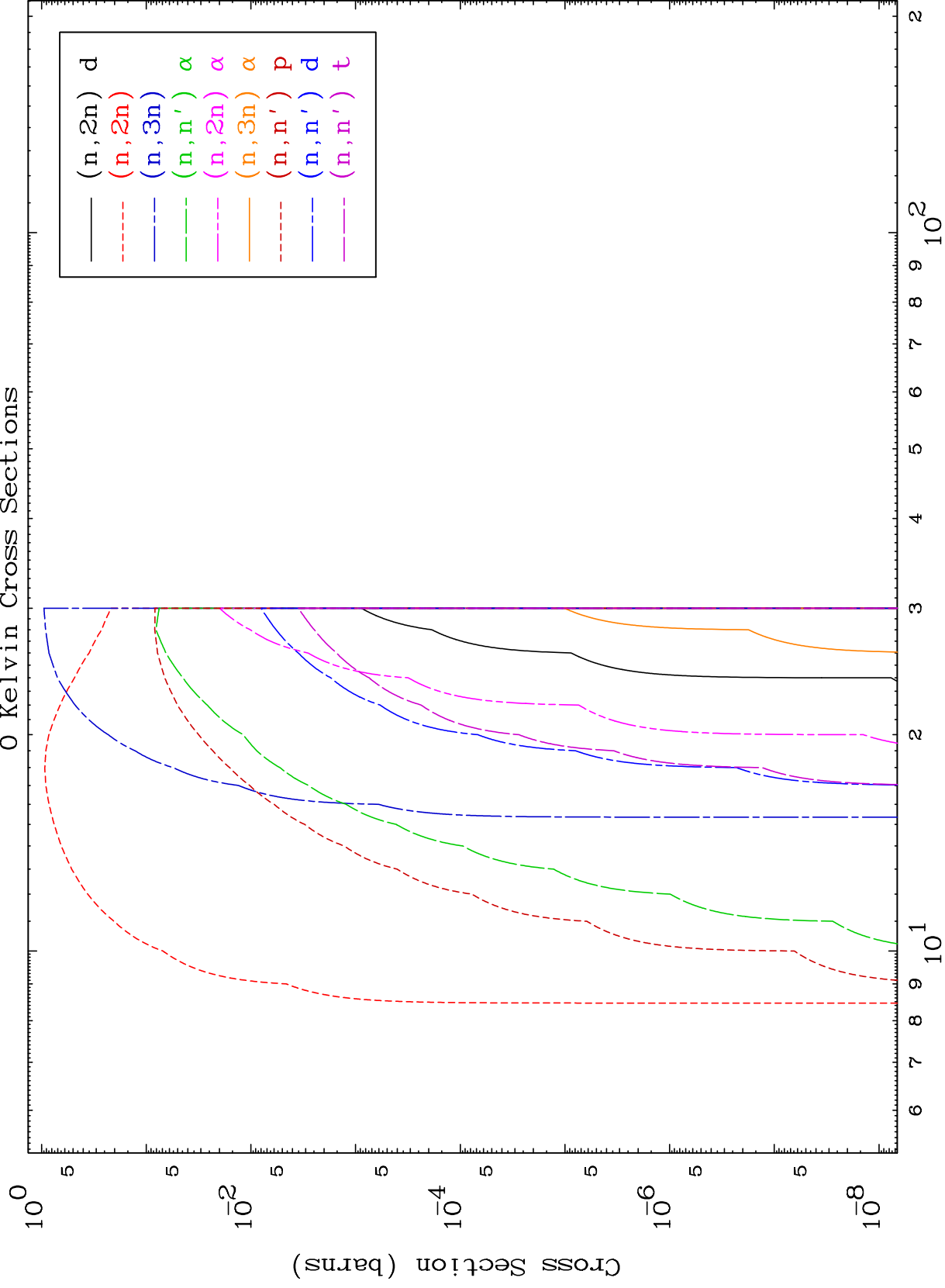
0 Kelvin Cross Sections



MAT 2947

α Neutron Absorption
0 Kelvin Cross Sections

29-Cu-70m



2

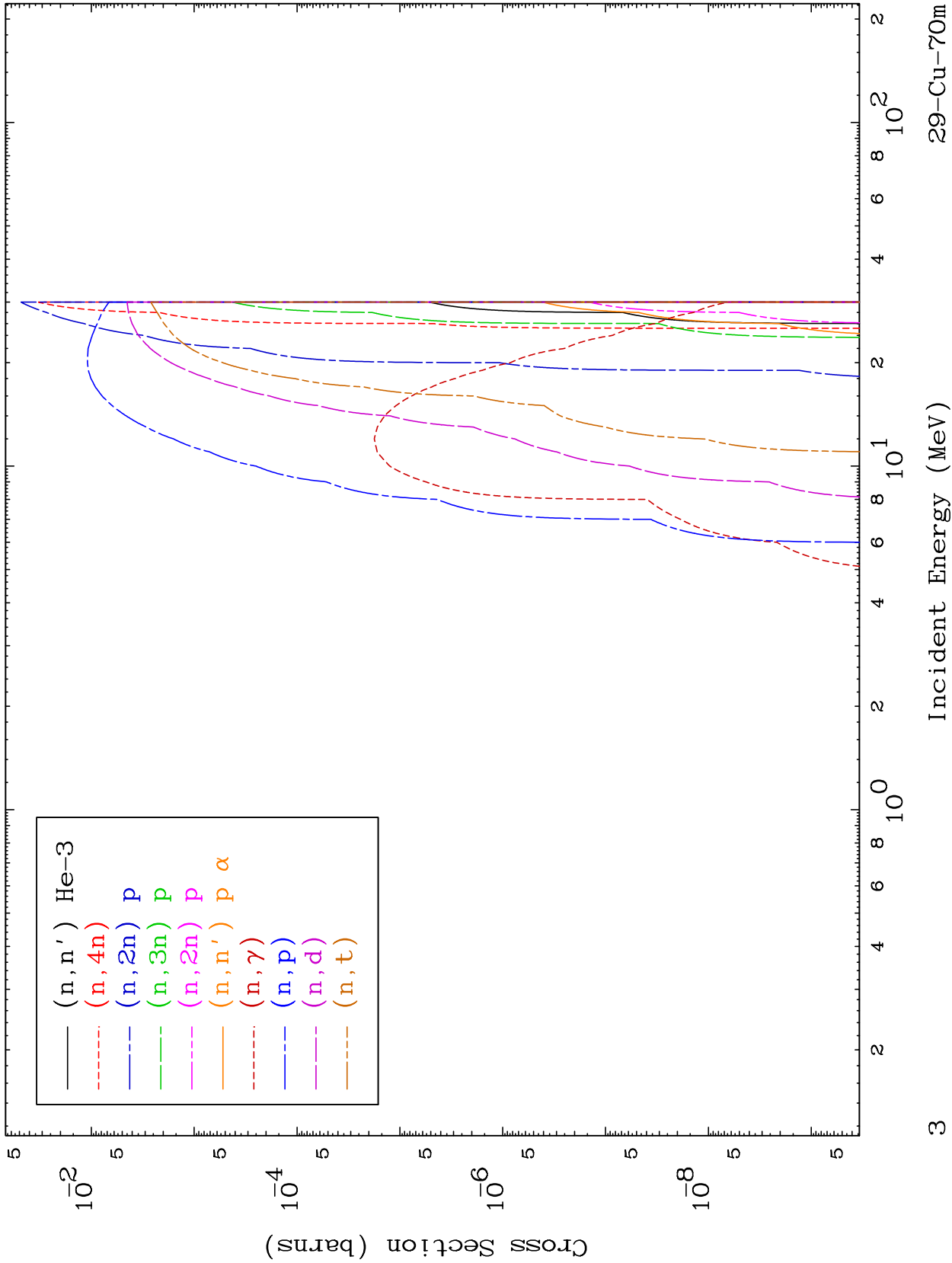
Incident Energy (MeV)

29-Cu-70m

MAT 2947

α Neutron Absorption
0 Kelvin Cross Sections

29-Cu-70m



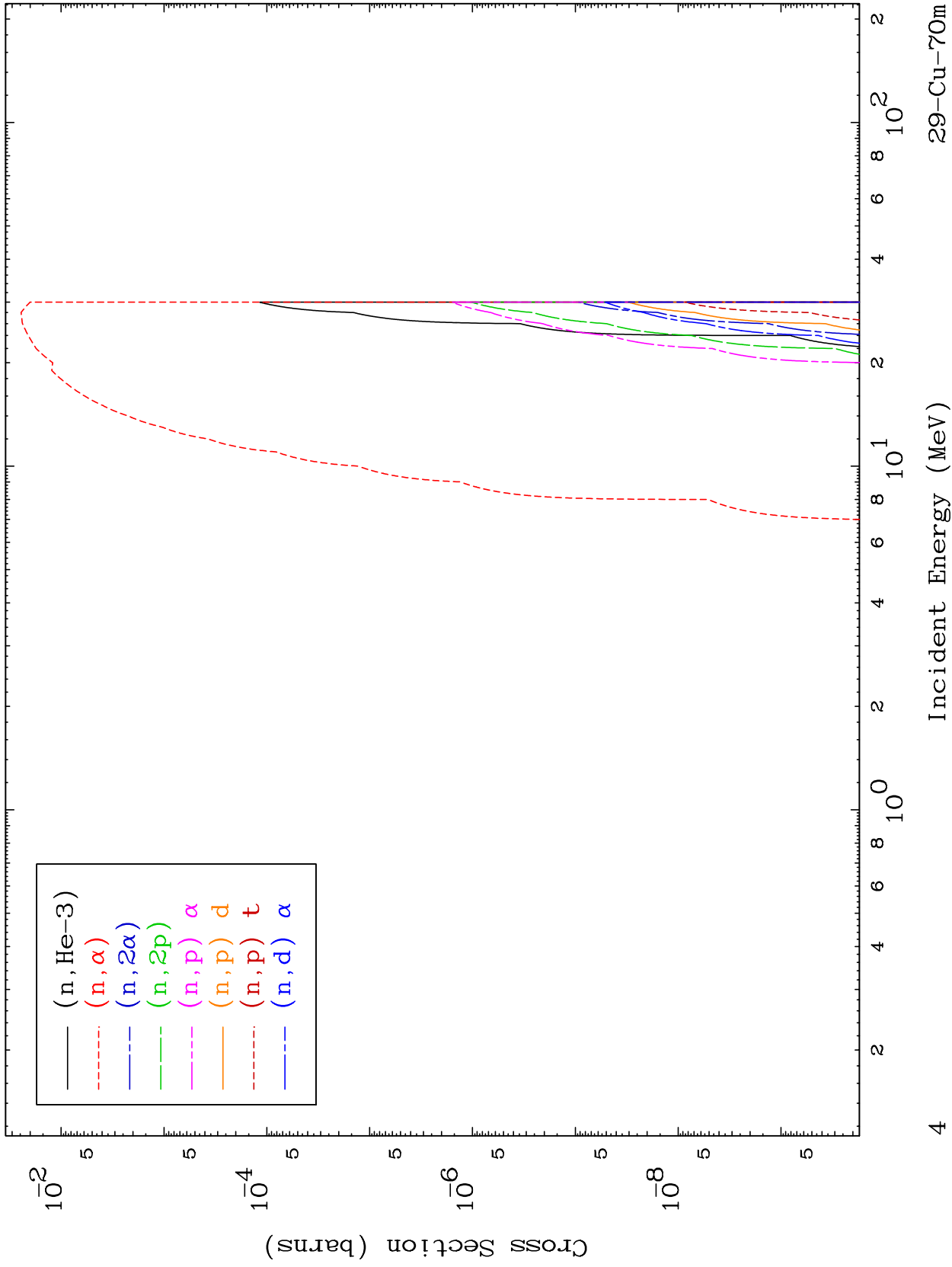
29-Cu-70m

Incident Energy (MeV)

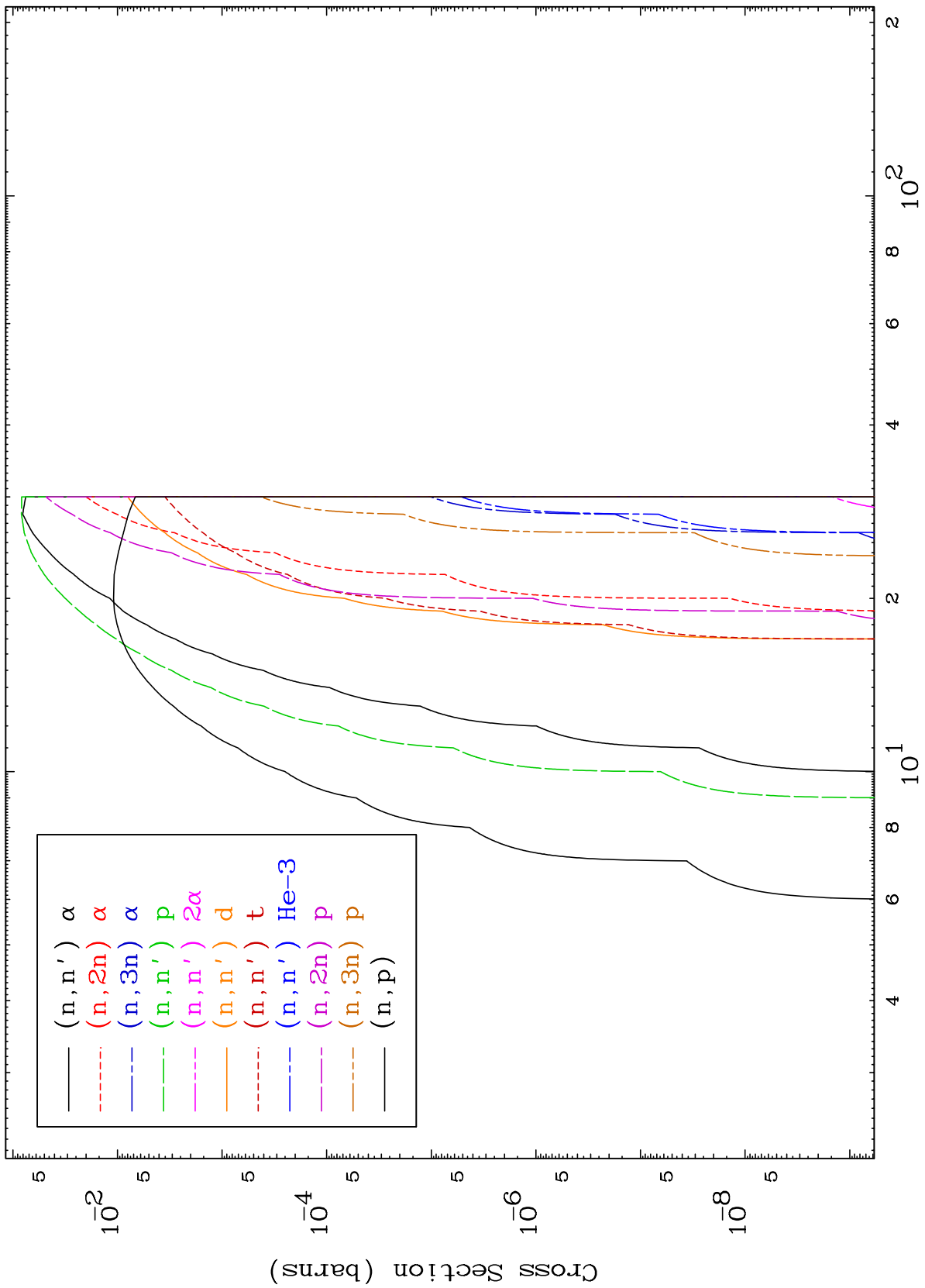
MAT 2947

α Neutron Absorption
0 Kelvin Cross Sections

29-Cu-70m



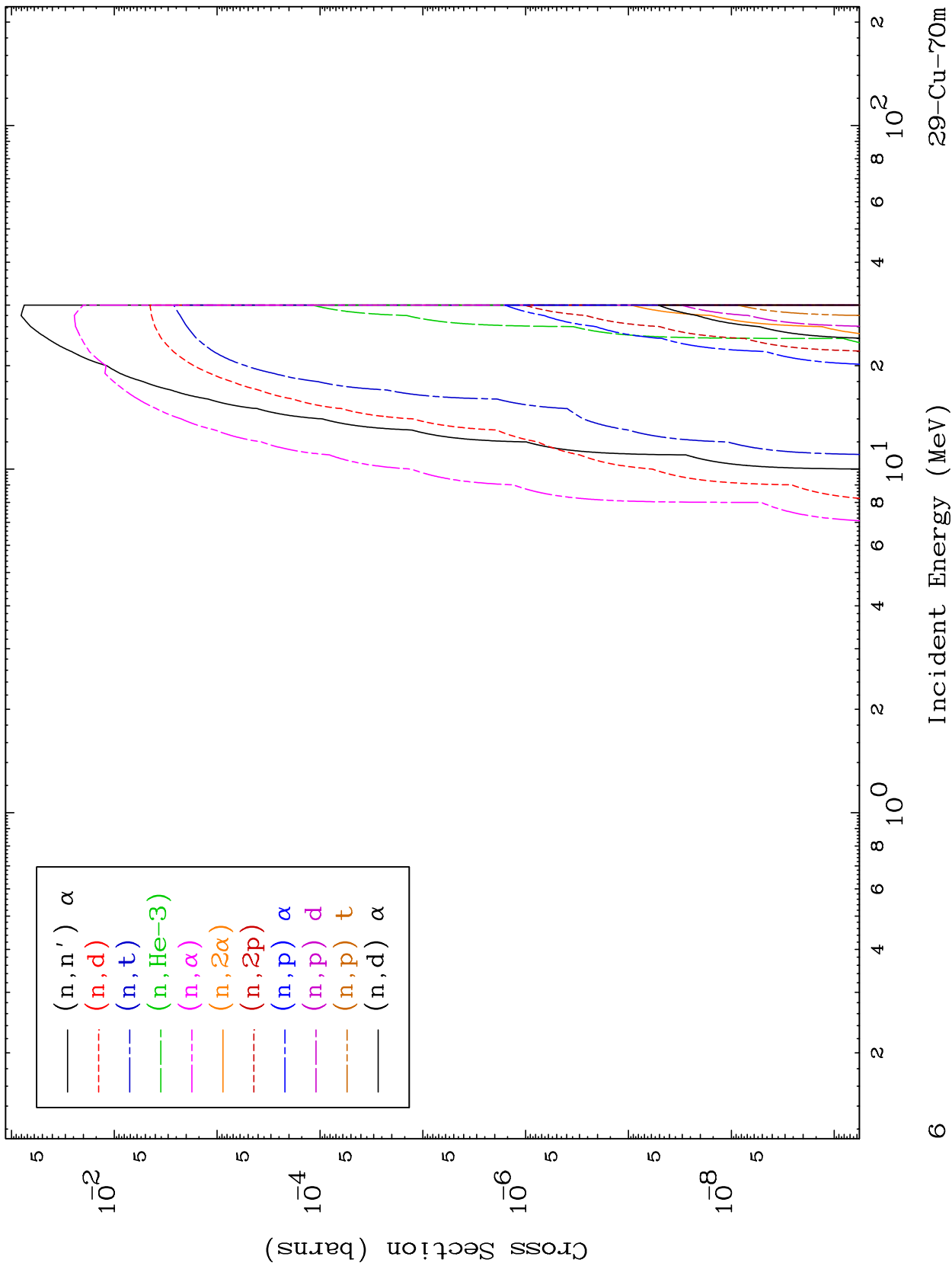
α Charged Particle
0 Kelvin Cross Sections



MAT 2947

α Charged Particle
0 Kelvin Cross Sections

29-Cu-70m

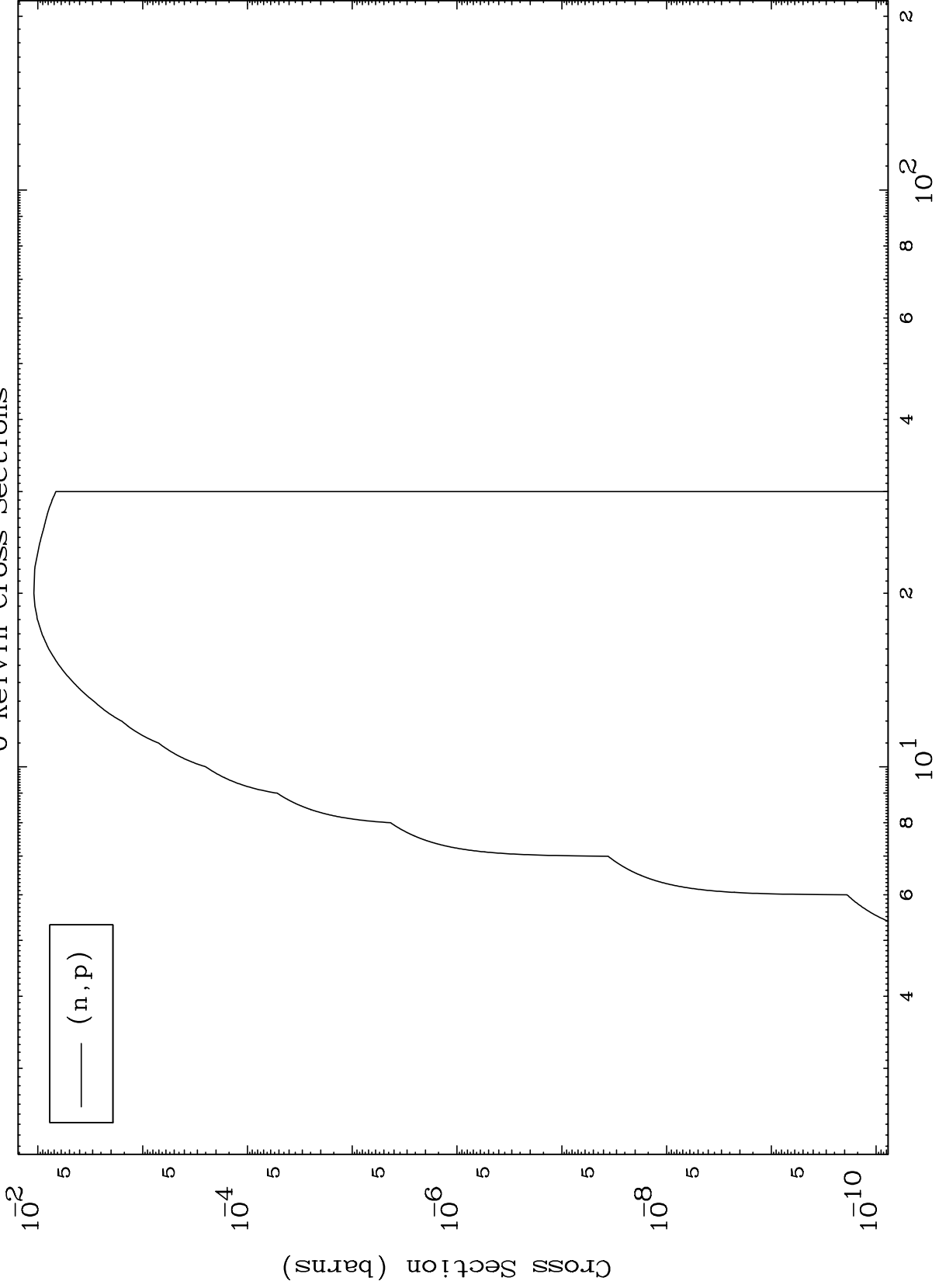


MAT 2947

(α, p) Levels

29-Cu-70m

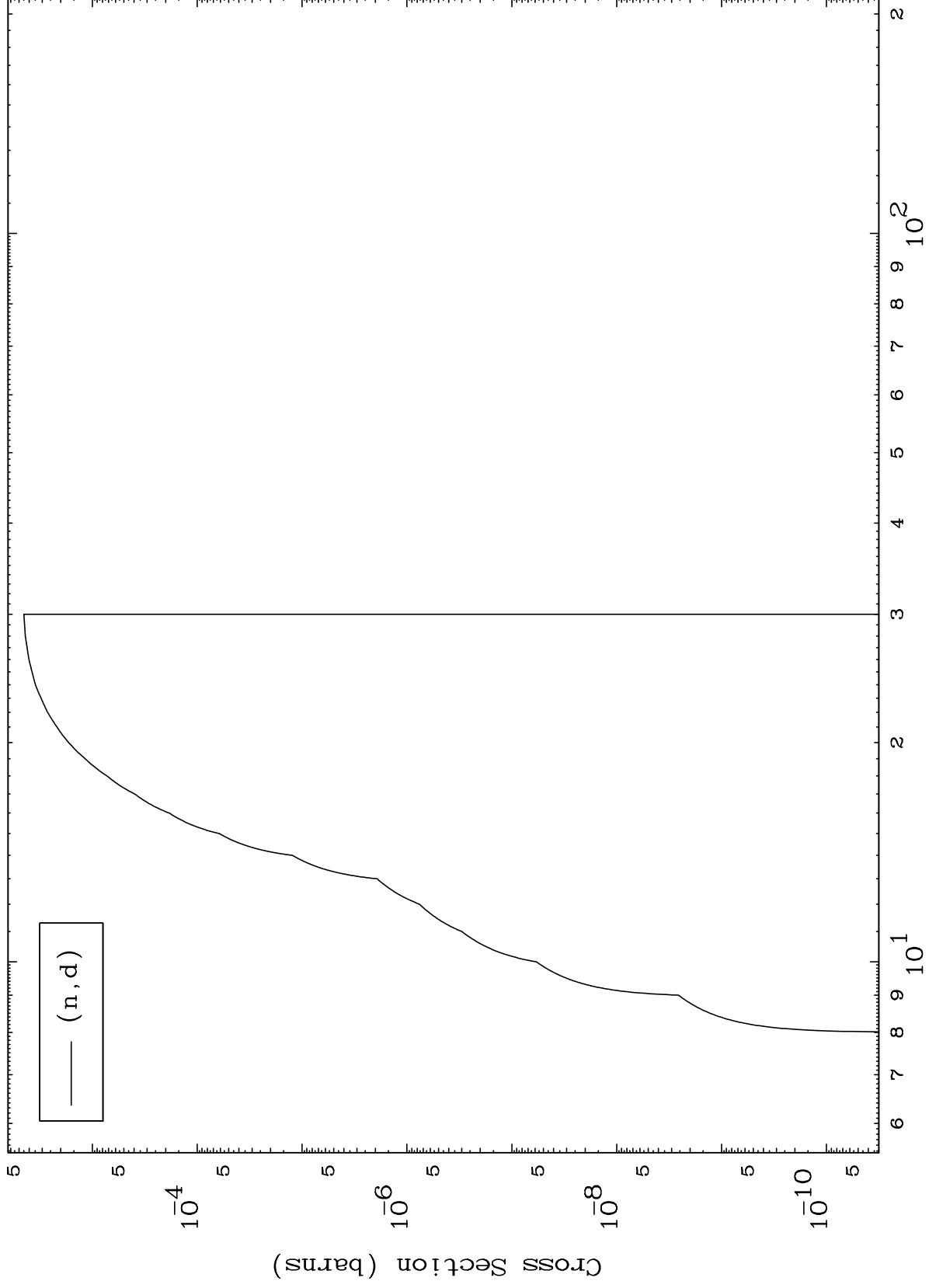
0 Kelvin Cross Sections



MAT 2947

(α, d) Levels
0 Kelvin Cross Sections

29-Cu-70m

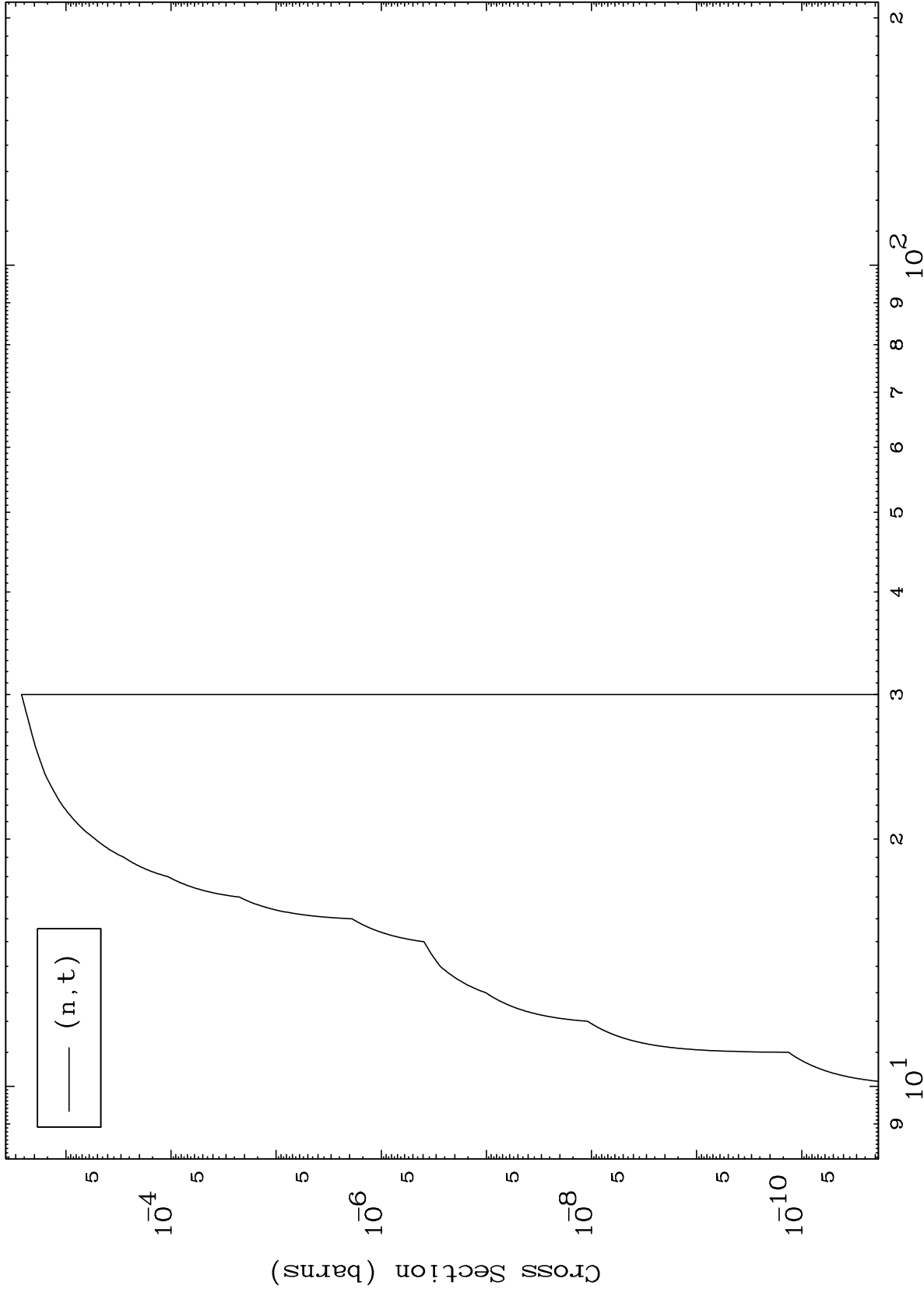


MAT 2947

(α, t) Levels

29-Cu-70m

0 Kelvin Cross Sections



9

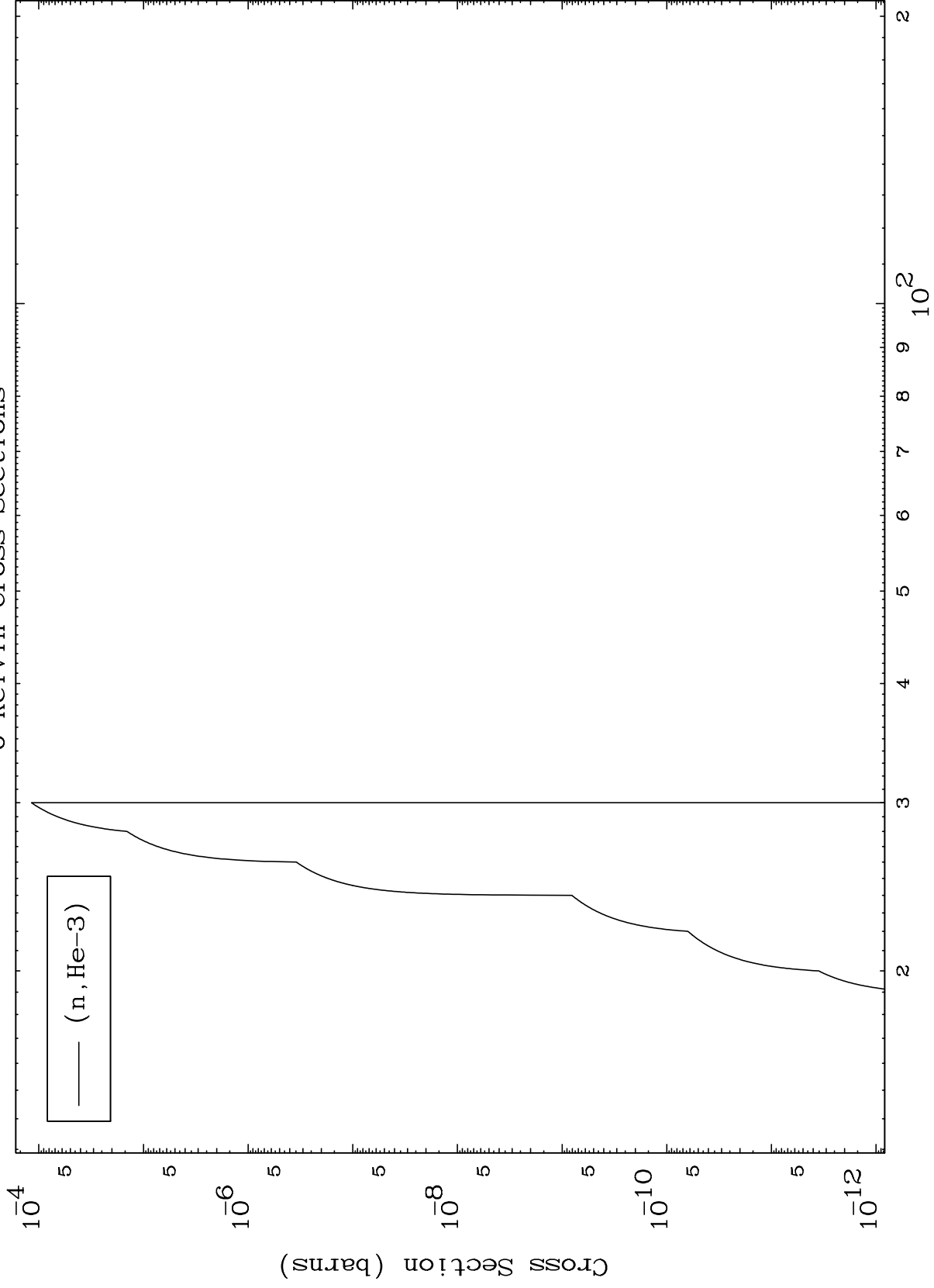
Incident Energy (MeV)

29-Cu-70m

MAT 2947

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

29-Cu-70m



10

Incident Energy (MeV)

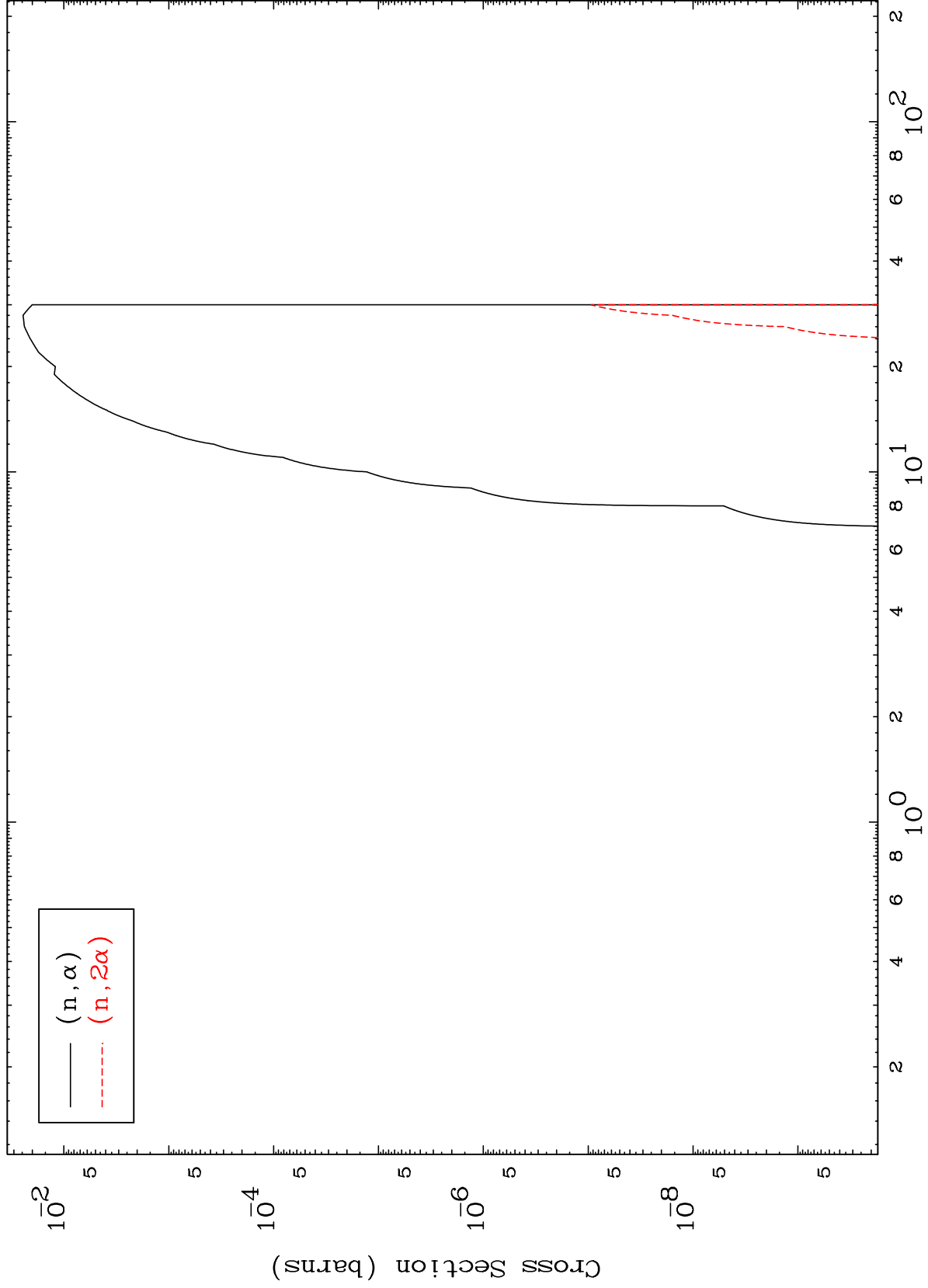
29-Cu-70m

MAT 2947

(α, α) Levels

29-Cu-70m

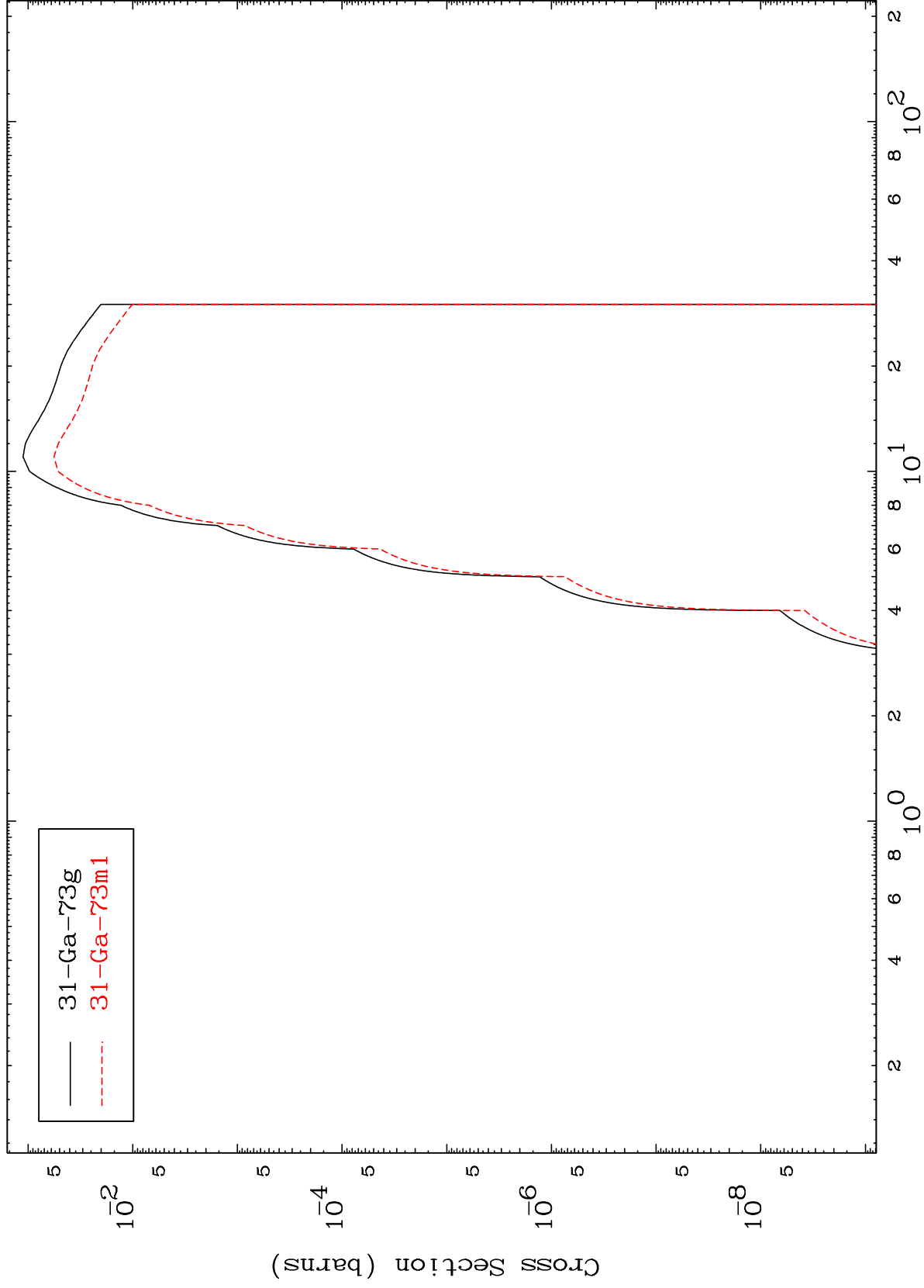
0 Kelvin Cross Sections



MAT 2947

Inelastic
Radionuclide Production Cross Section

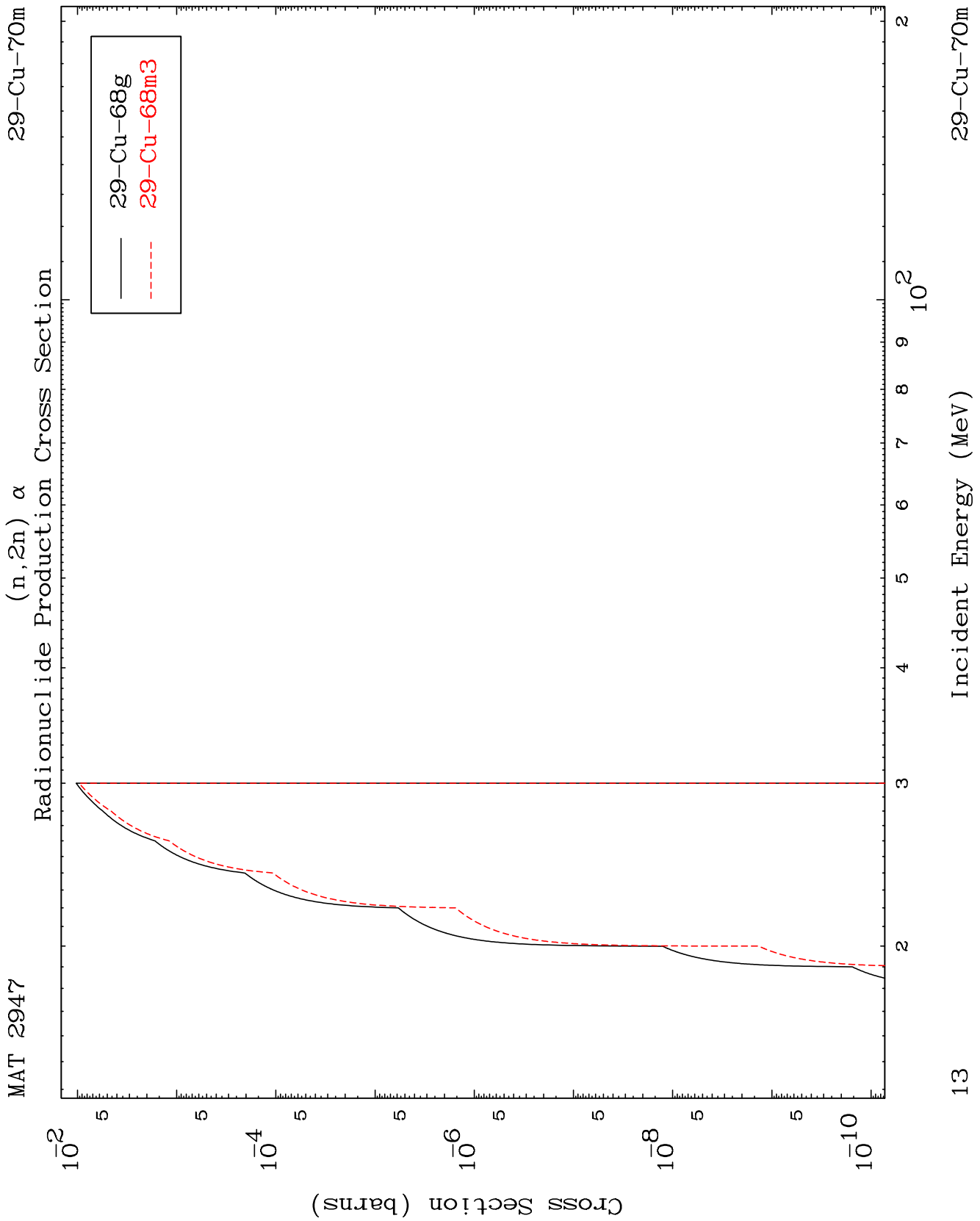
29-Cu-70m



12

Incident Energy (MeV)

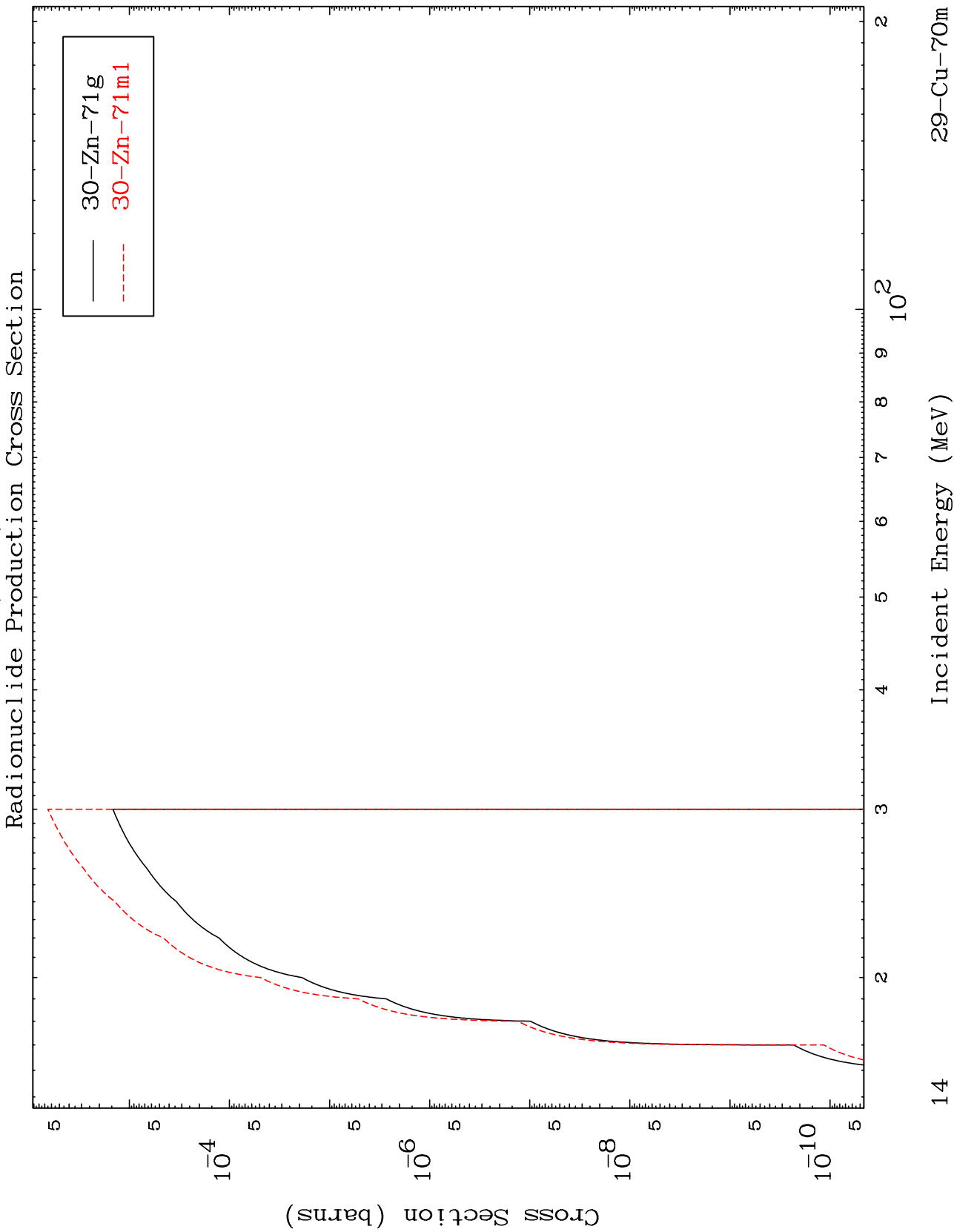
29-Cu-70m



MAT 2947

(n,n') d

29-Cu-70m



14

Incident Energy (MeV)

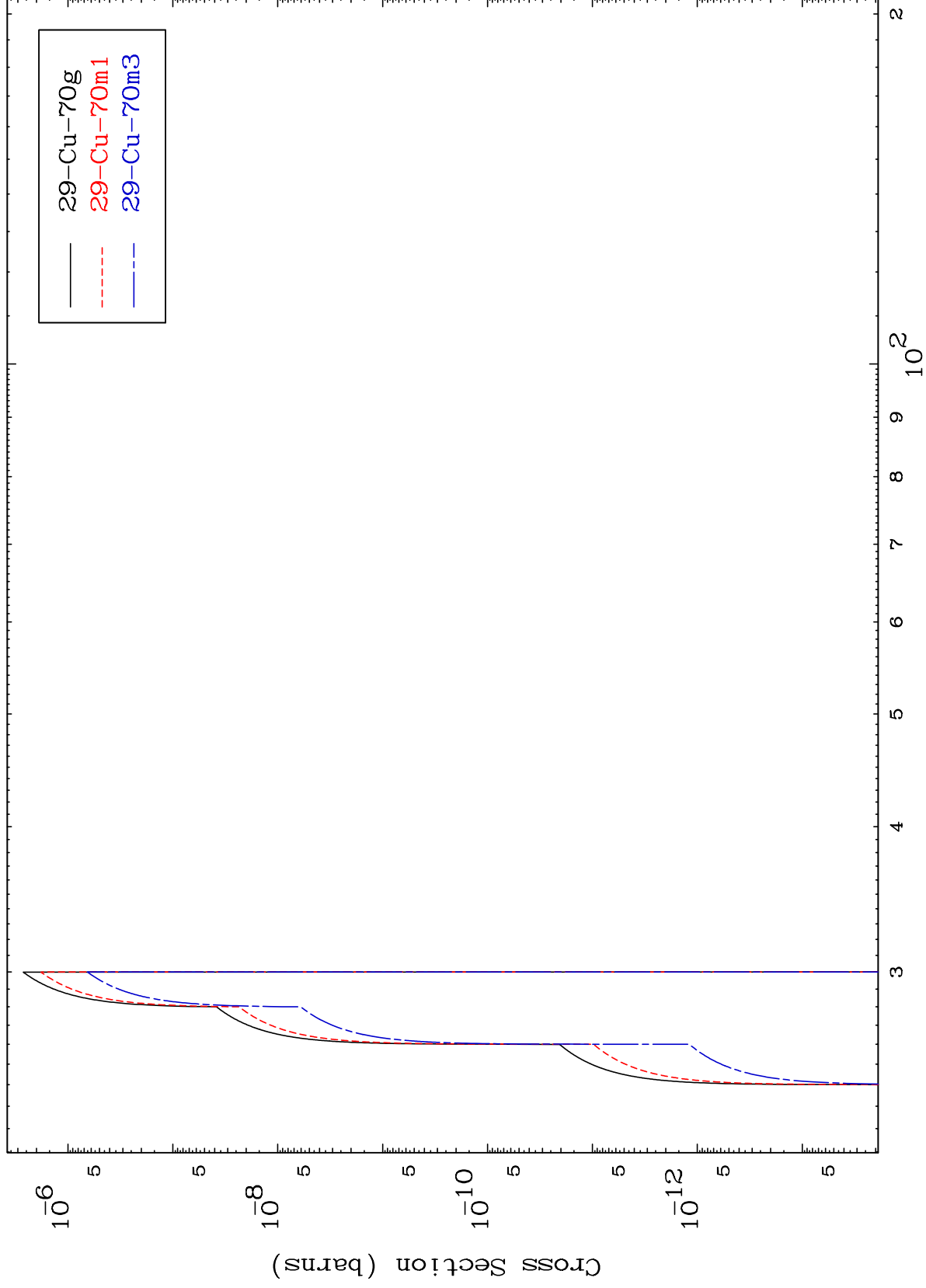
29-Cu-70m

MAT 2947

(n,n') He-3

29-Cu-70m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

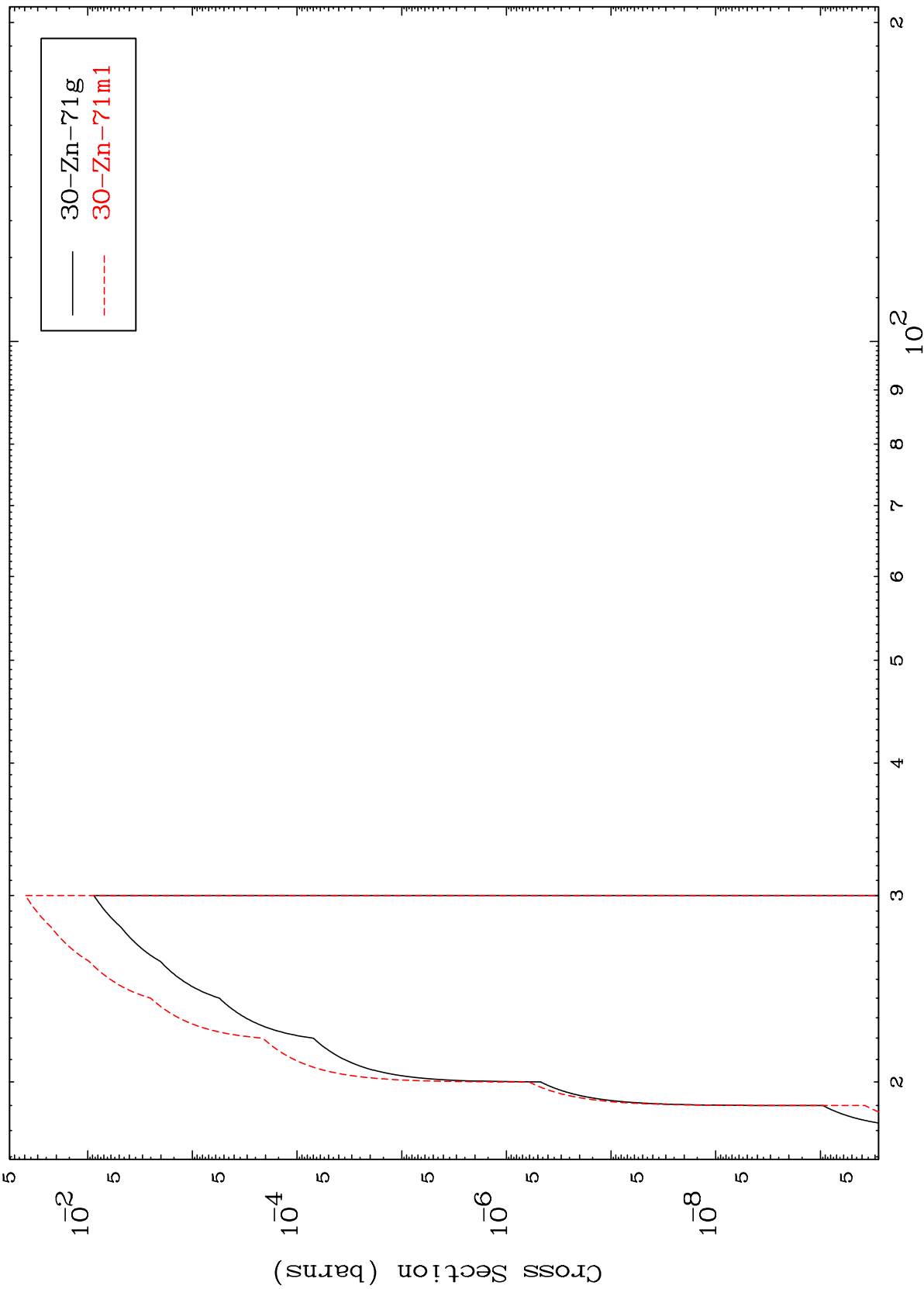
29-Cu-70m

MAT 2947

(n,2n) p

29-Cu-70m

Radionuclide Production Cross Section



16

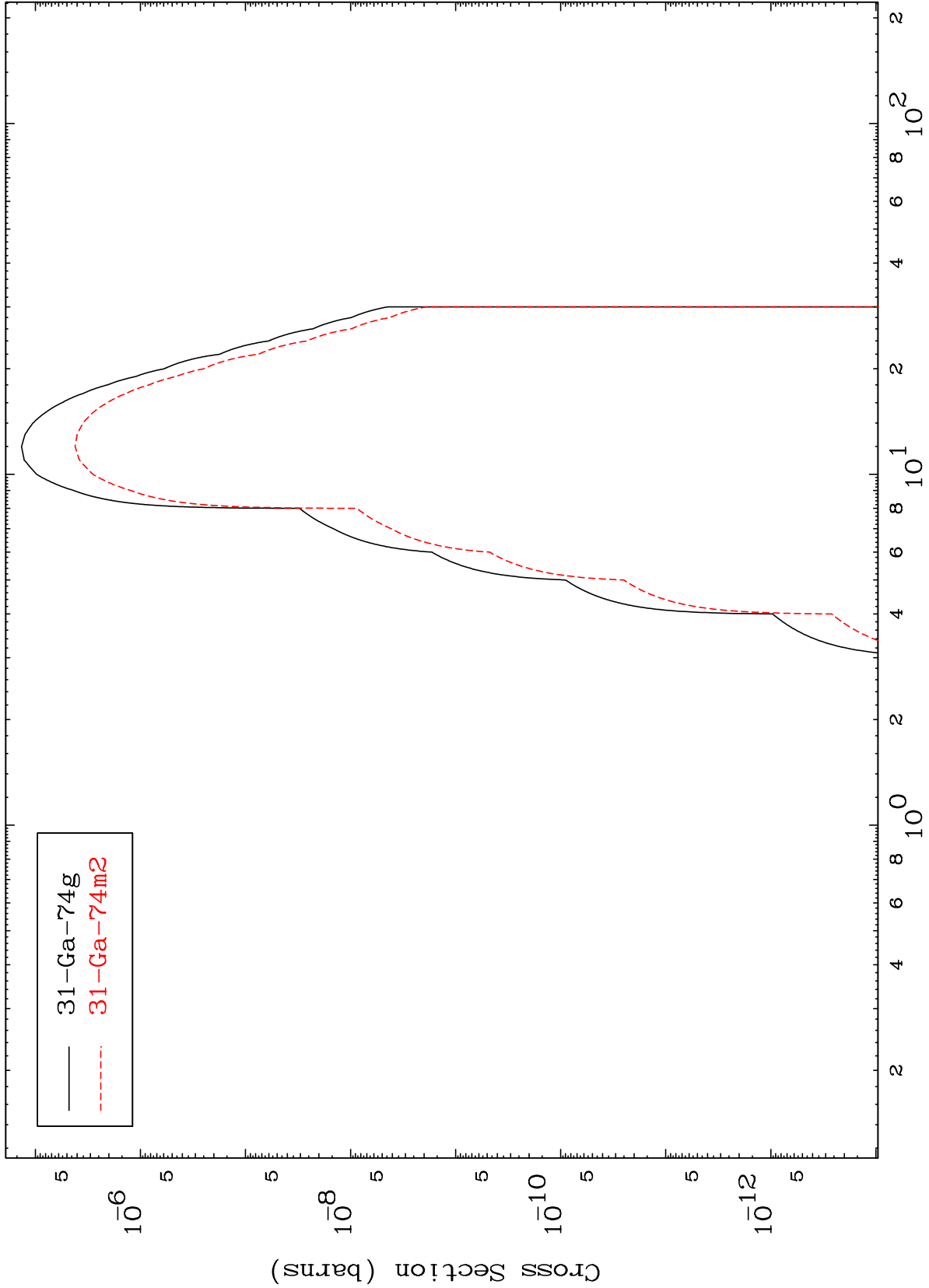
Incident Energy (MeV)

29-Cu-70m

MAT 2947

29-Cu-70m

(n, γ)
Radionuclide Production Cross Section

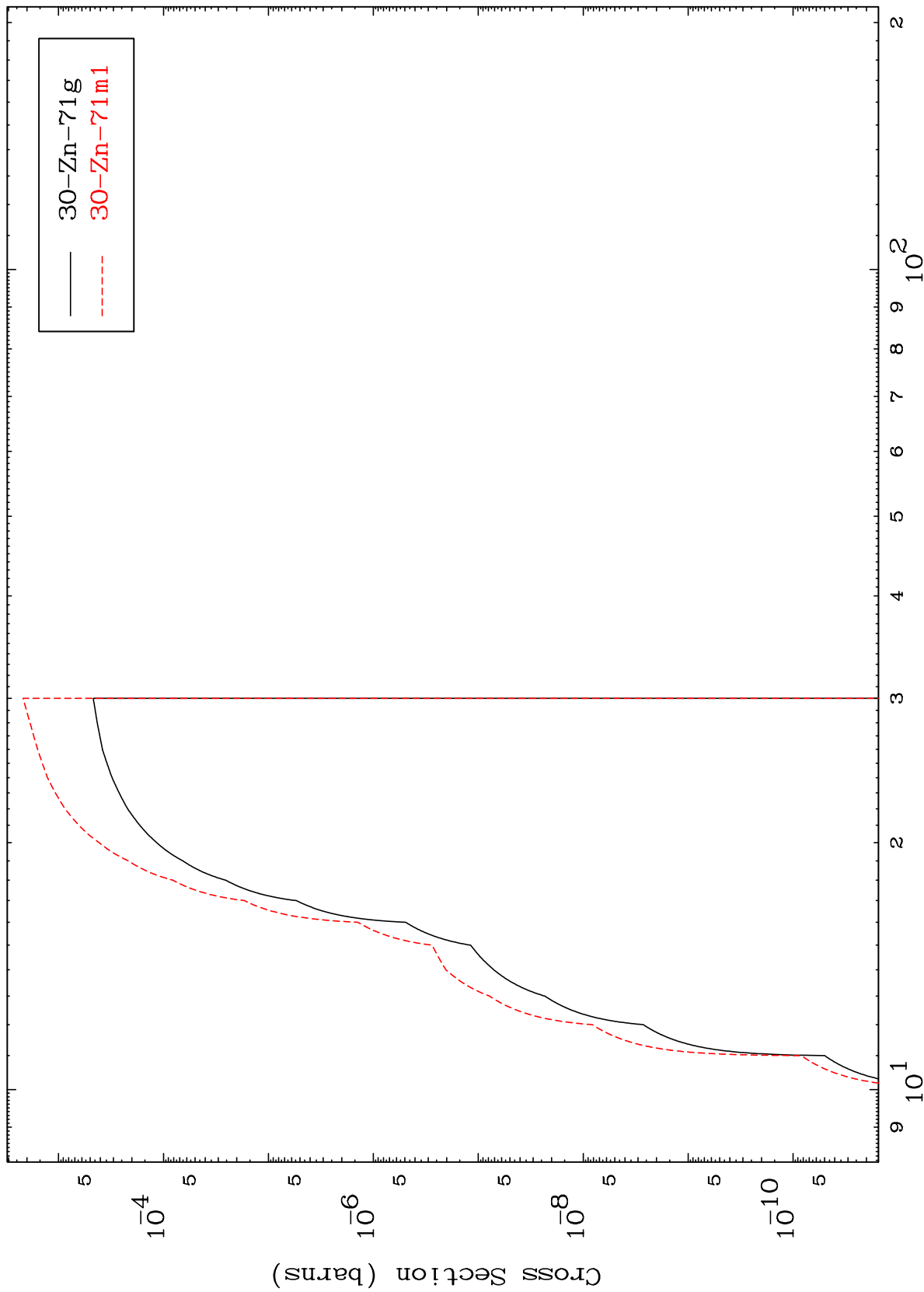


MAT 2947

(n, t)

29-Cu-70m

Radionuclide Production Cross Section



18

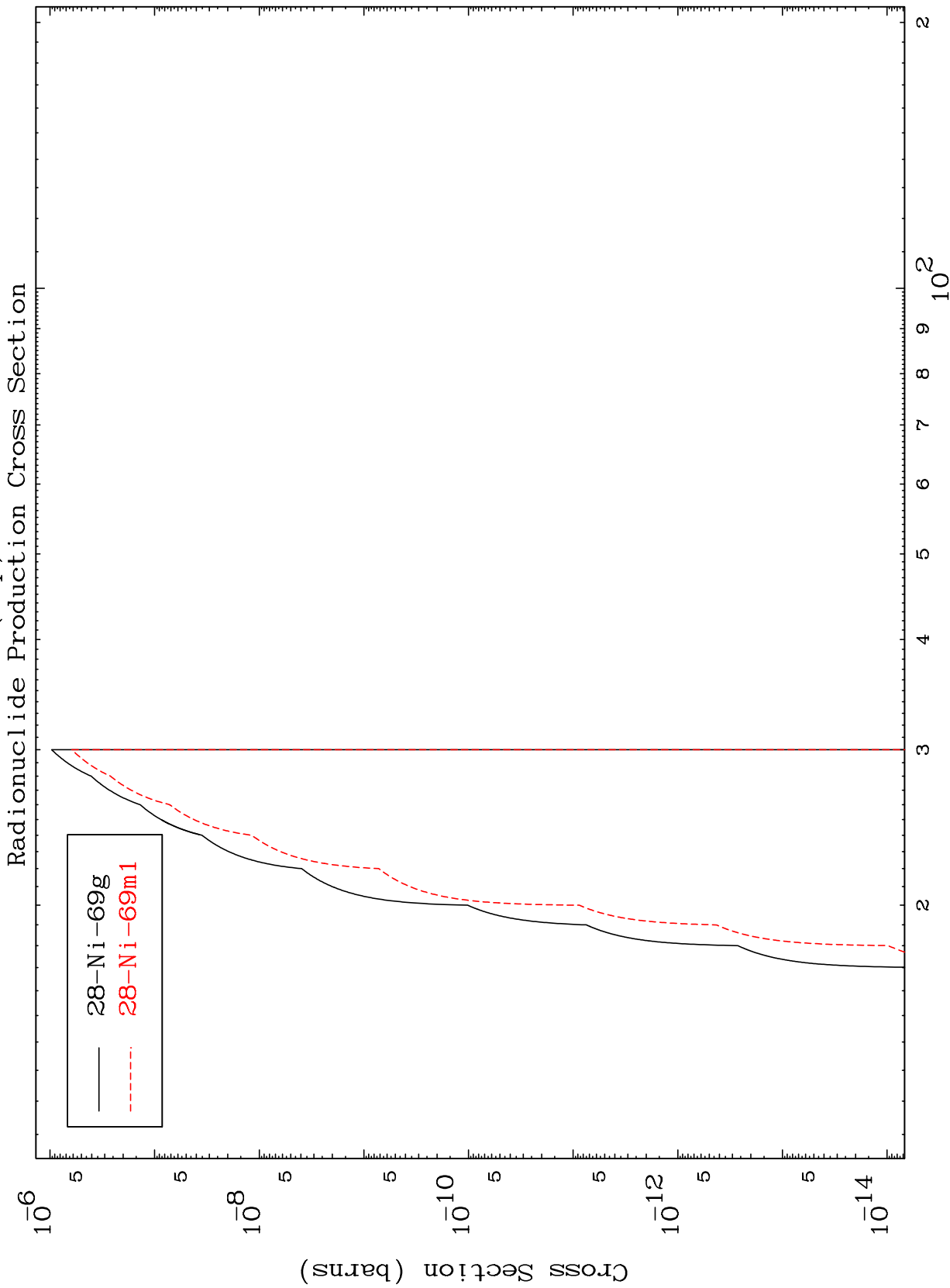
Incident Energy (MeV)

29-Cu-70m

MAT 2947

(n,p) α

29-Cu-70m

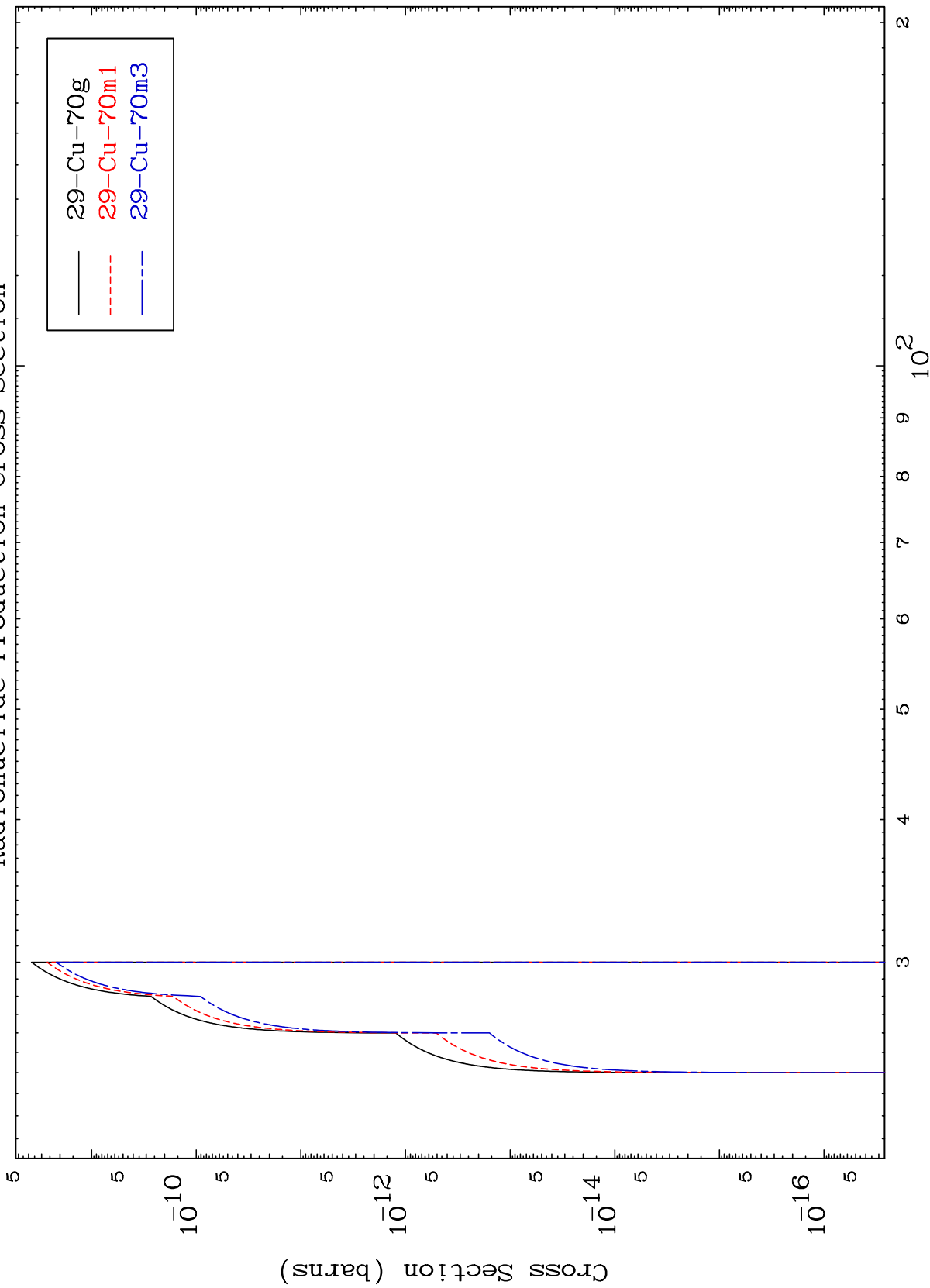


MAT 2947

(n,p) t

29-Cu-70m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

29-Cu-70m