

Program EVALPLOT
(Version 2021-1)

by

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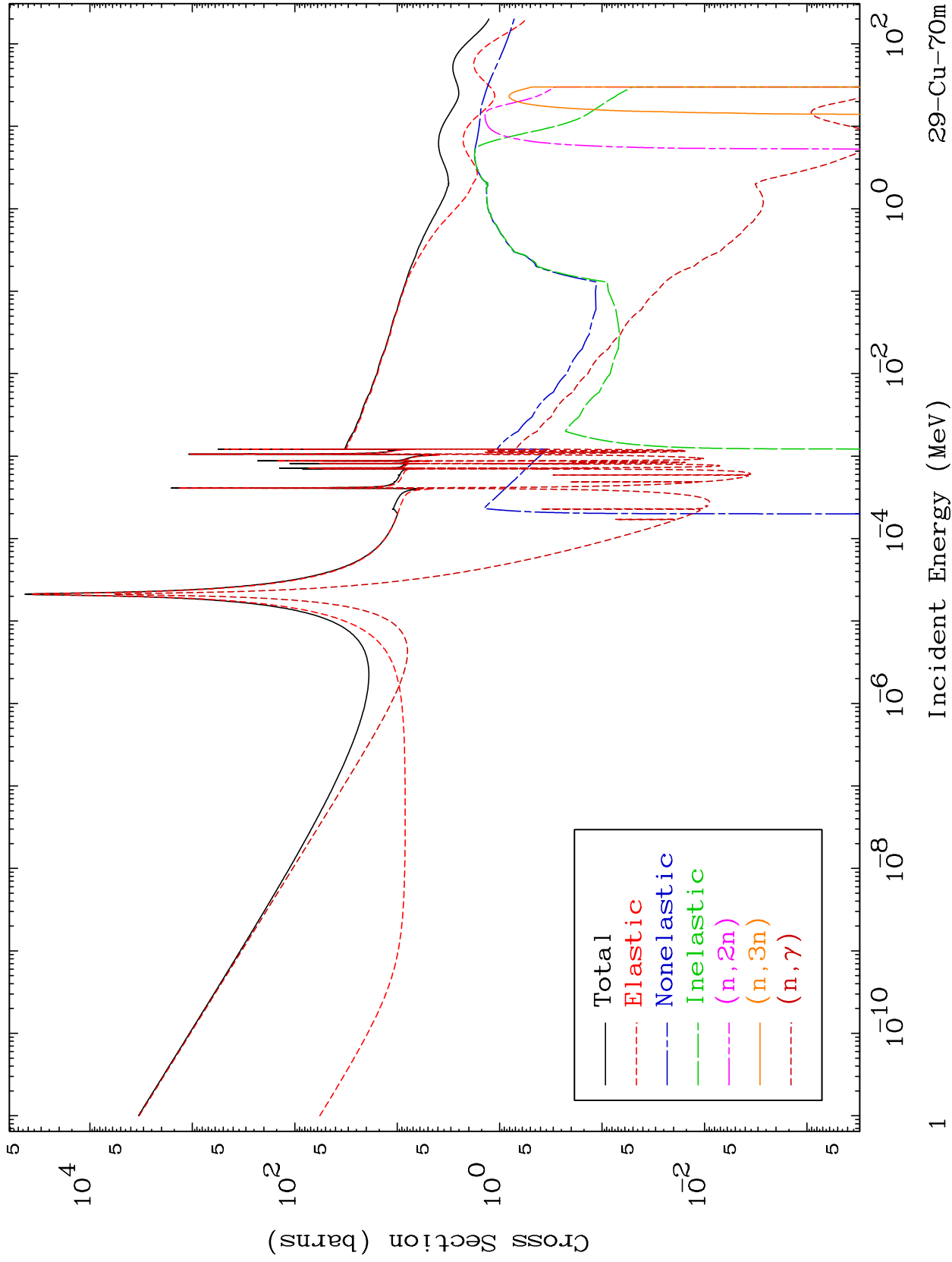
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2947

Neutron Major
293 Kelvin Cross Sections

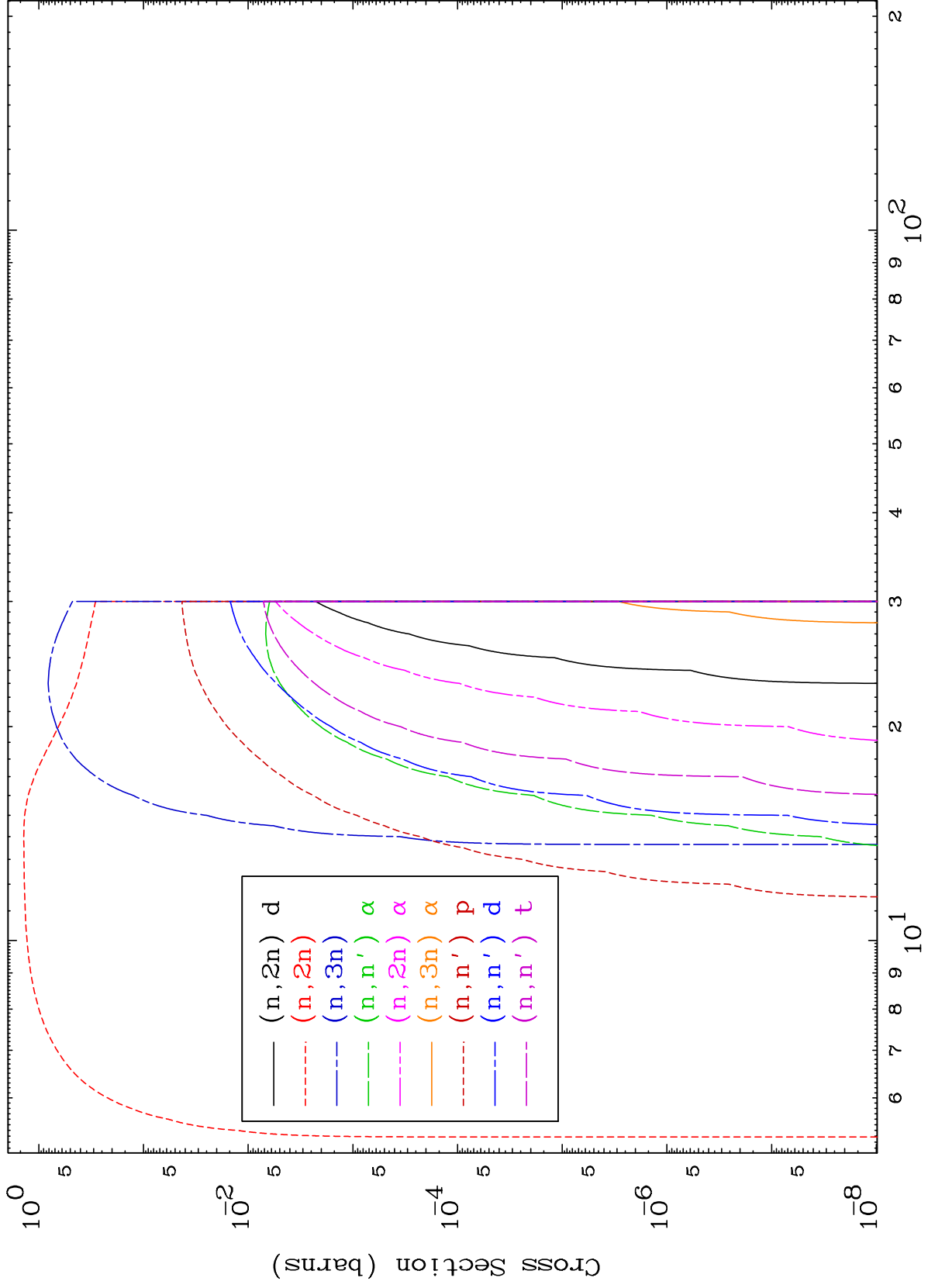
29-Cu-70m



MAT 2947

Neutron Absorption
293 Kelvin Cross Sections

29-Cu-70m



2

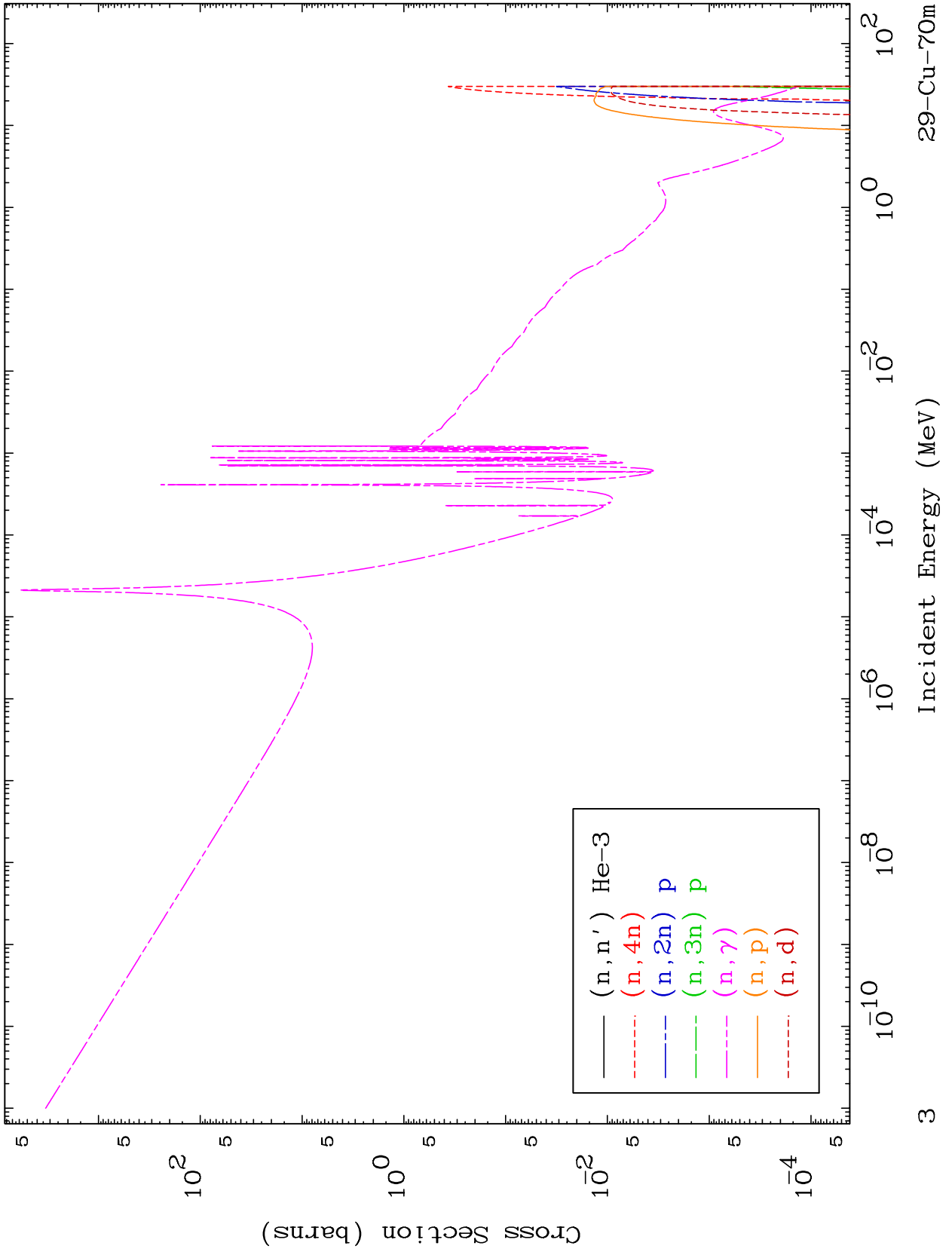
Incident Energy (MeV)

29-Cu-70m

MAT 2947

Neutron Absorption
293 Kelvin Cross Sections

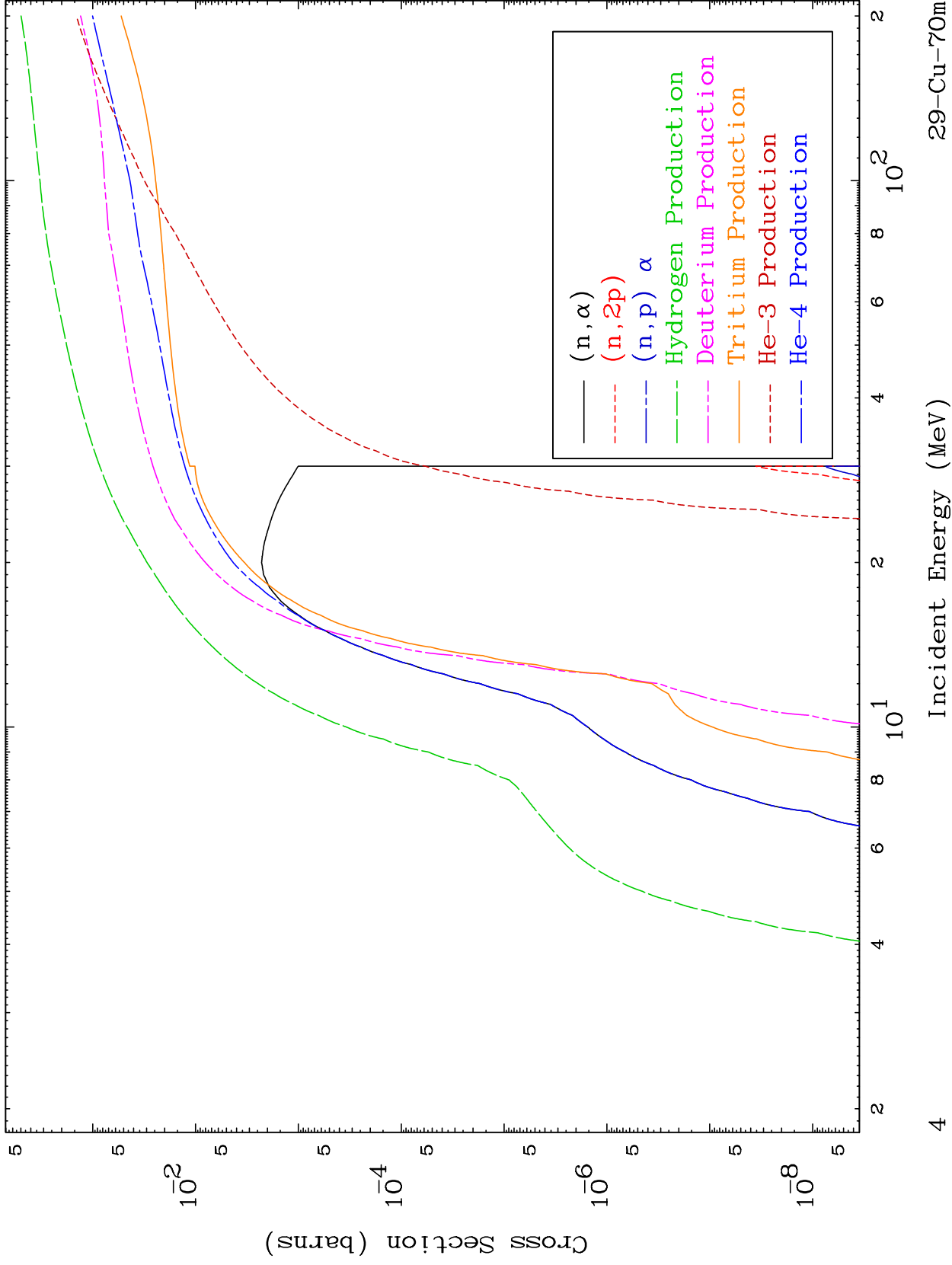
29-Cu-70m



MAT 2947

Neutron Absorption
293 Kelvin Cross Sections

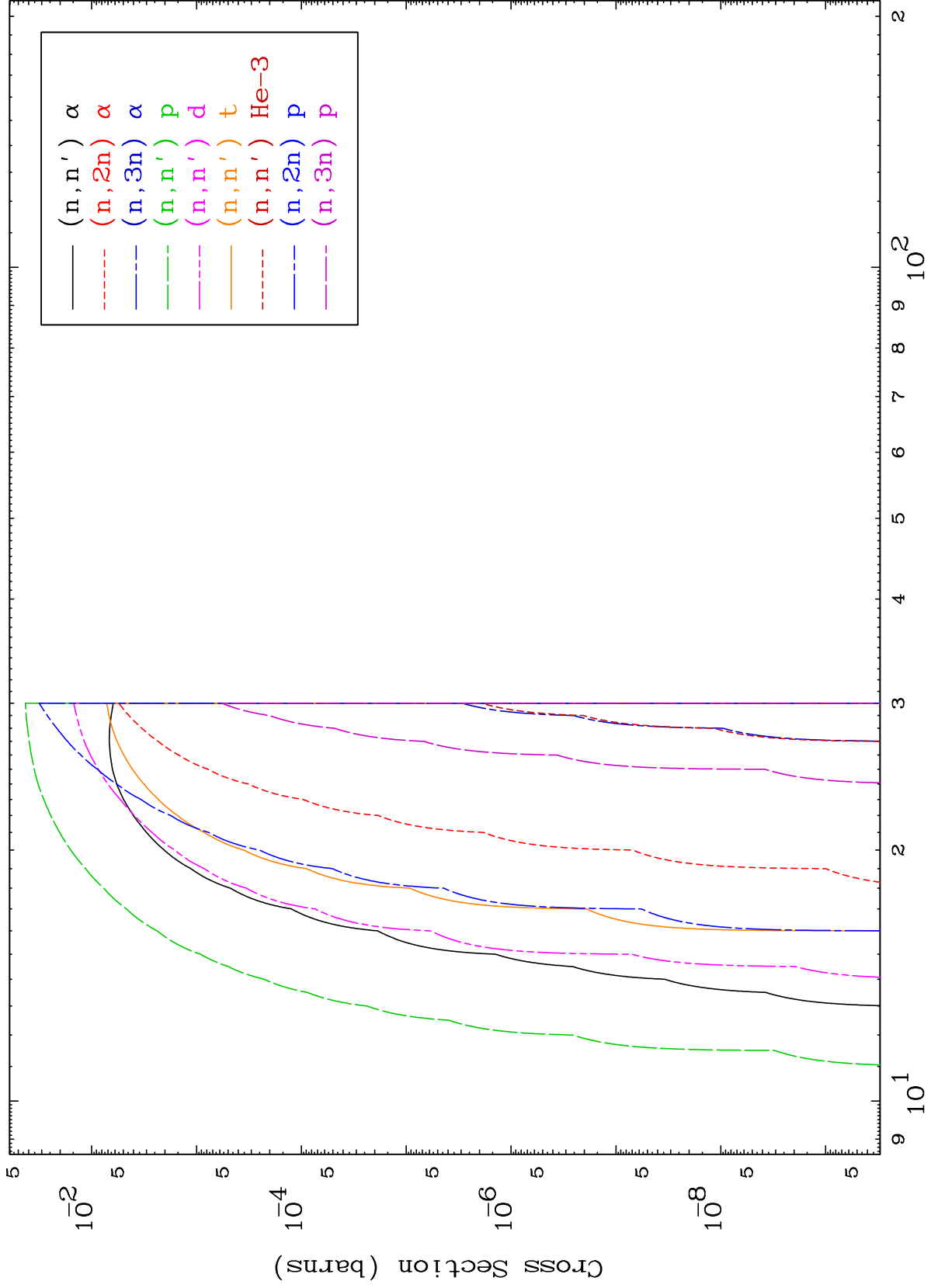
29-Cu-70m



MAT 2947

Charged Particle
293 Kelvin Cross Sections

29-Cu-70m



5

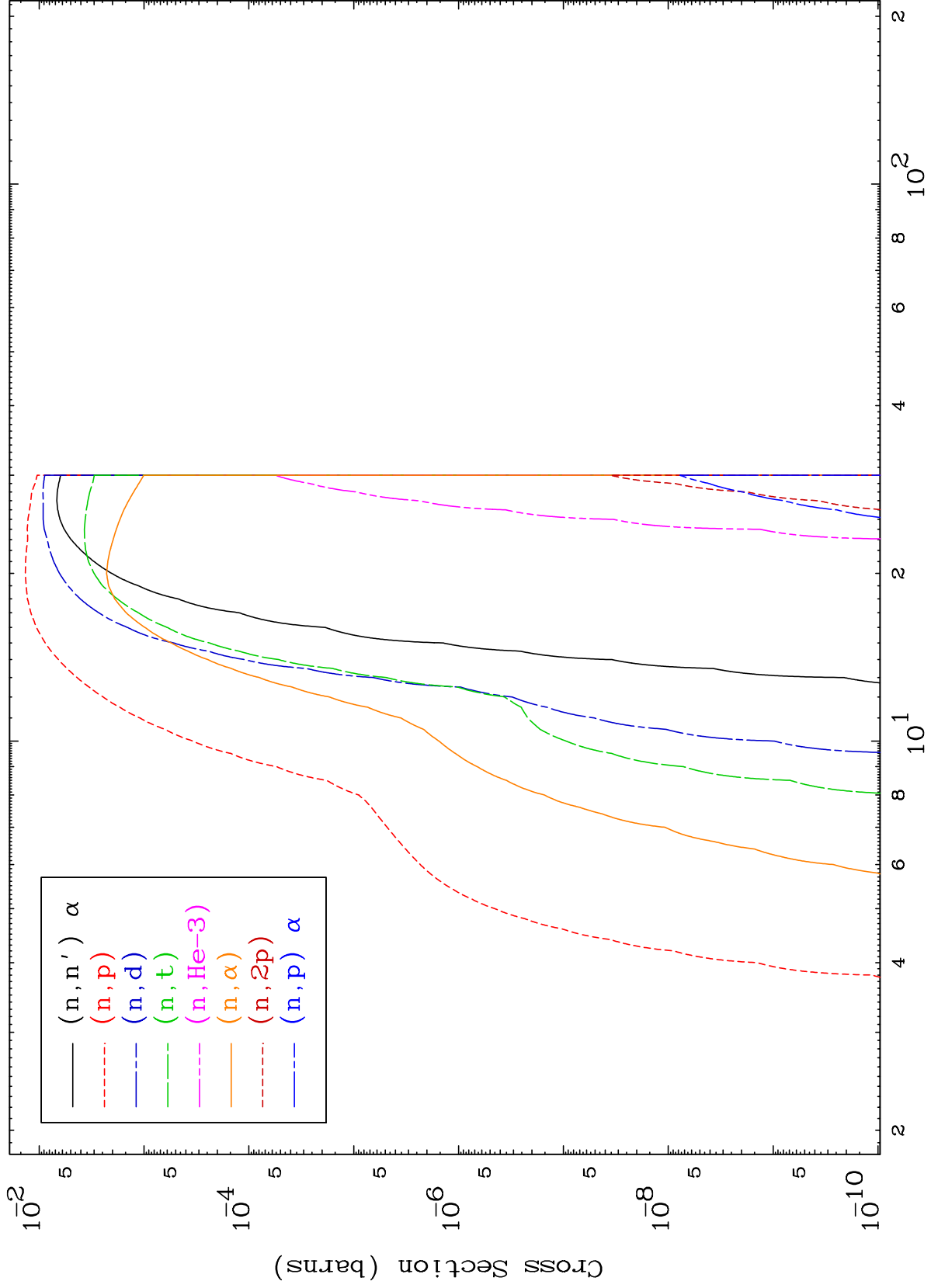
Incident Energy (MeV)

29-Cu-70m

MAT 2947

Charged Particle
293 Kelvin Cross Sections

29-Cu-70m



29-Cu-70m

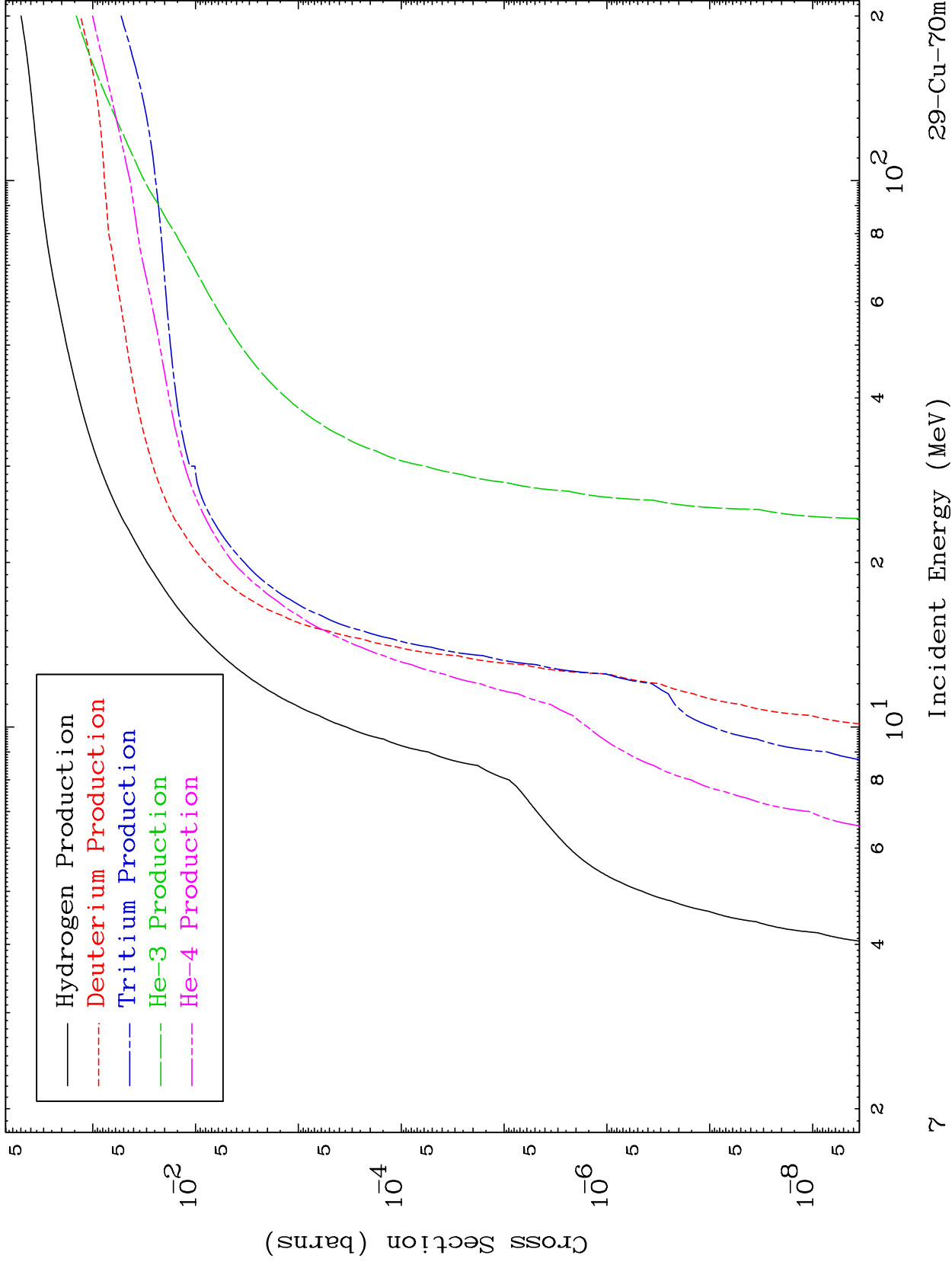
Incident Energy (MeV)

6

MAT 2947

Particle Production
293 Kelvin Cross Sections

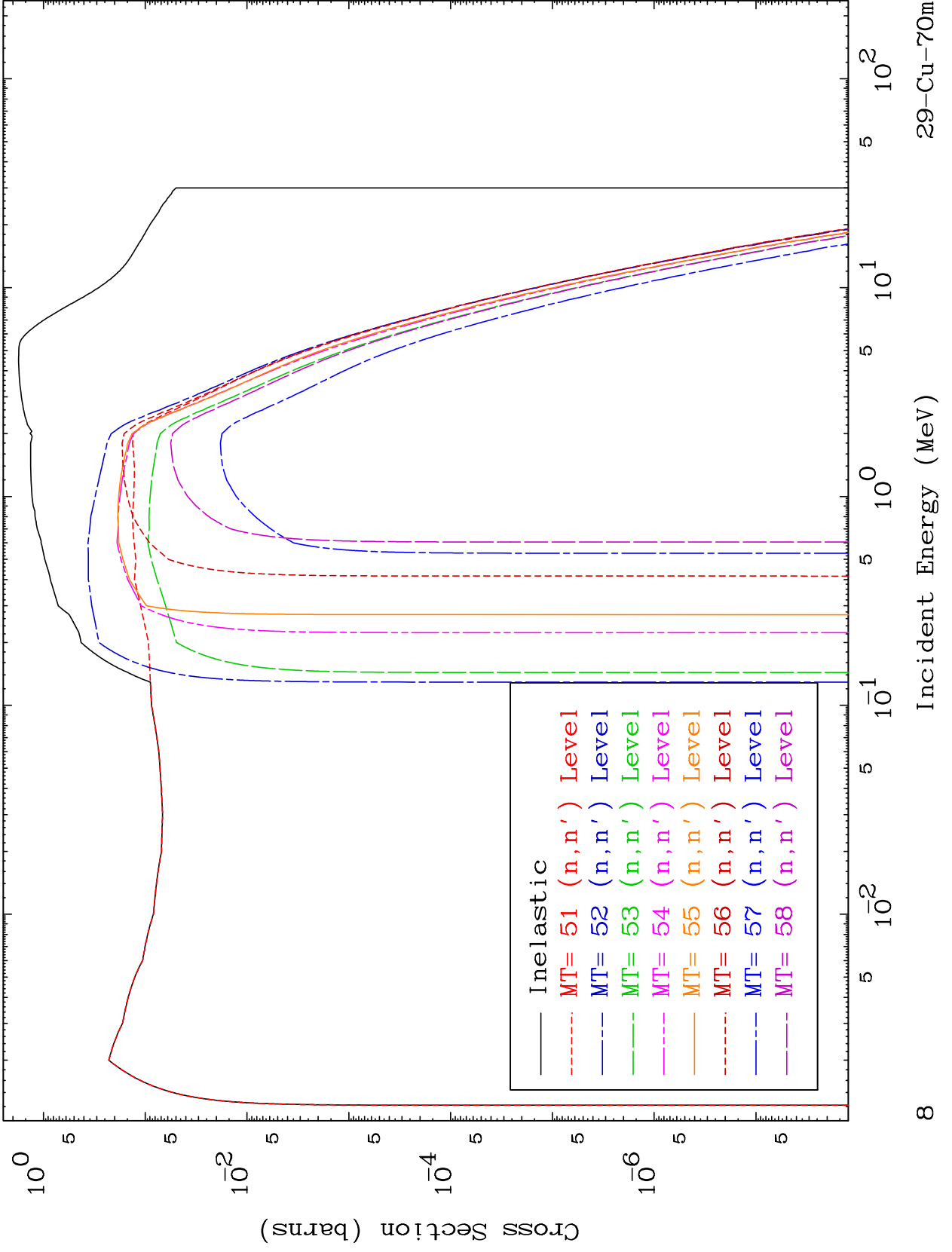
29-Cu-70m



MAT 2947

293 Kelvin Cross Sections
(n,n') Levels

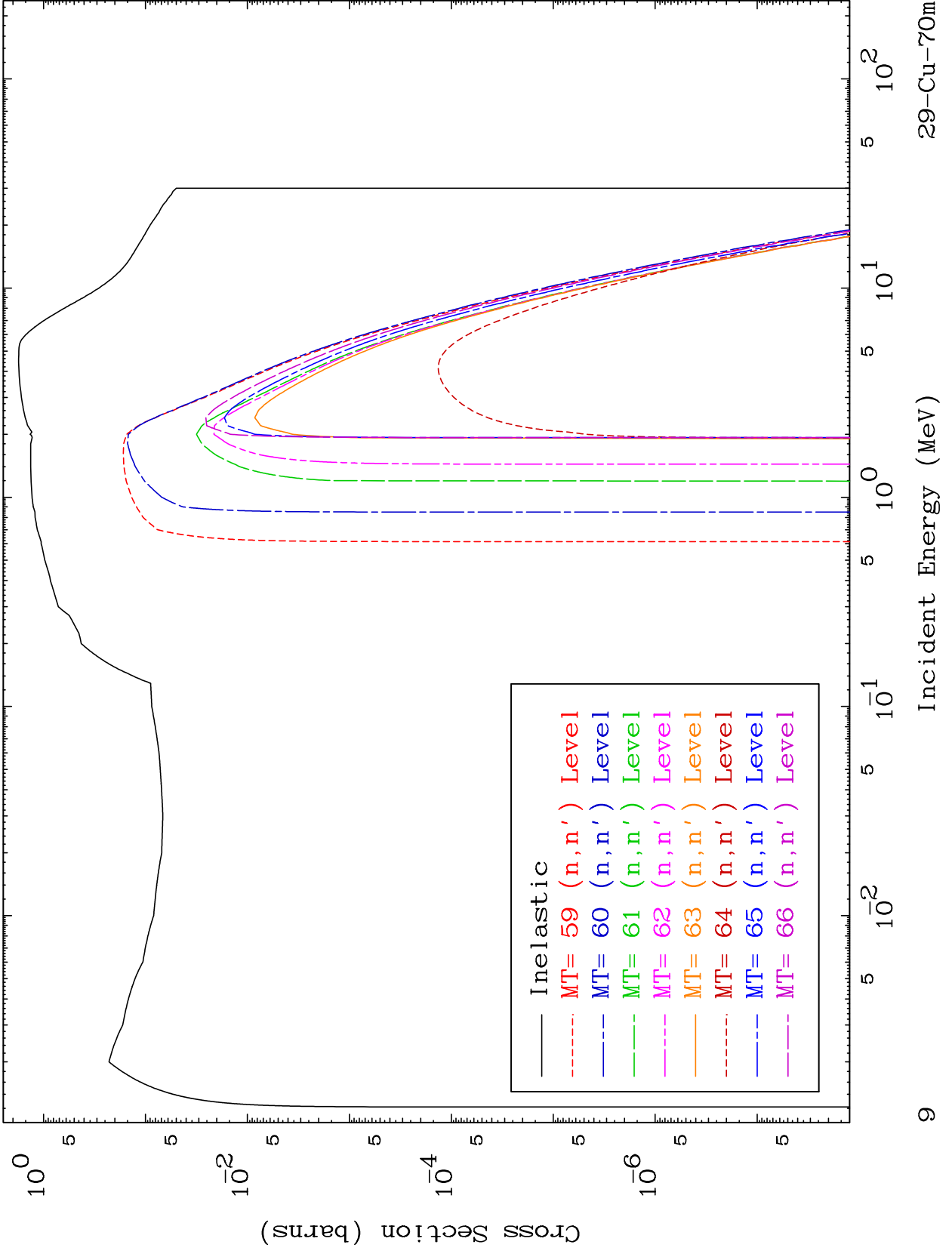
29-Cu-70m



MAT 2947

293 (n,n') Levels
293 Kelvin Cross Sections

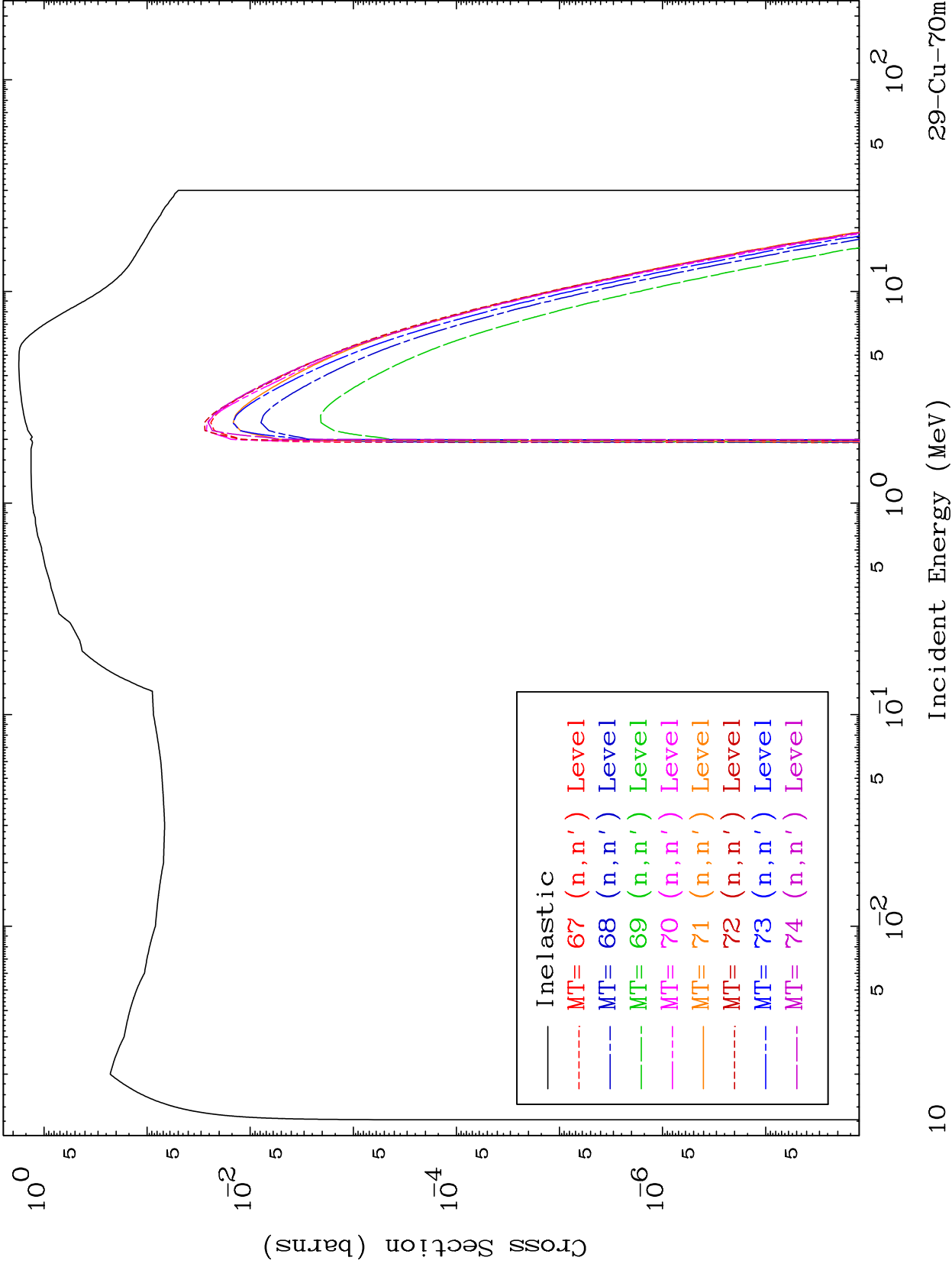
29-Cu-70m



MAT 2947

(n,n') Levels
293 Kelvin Cross Sections

29-Cu-70m



10

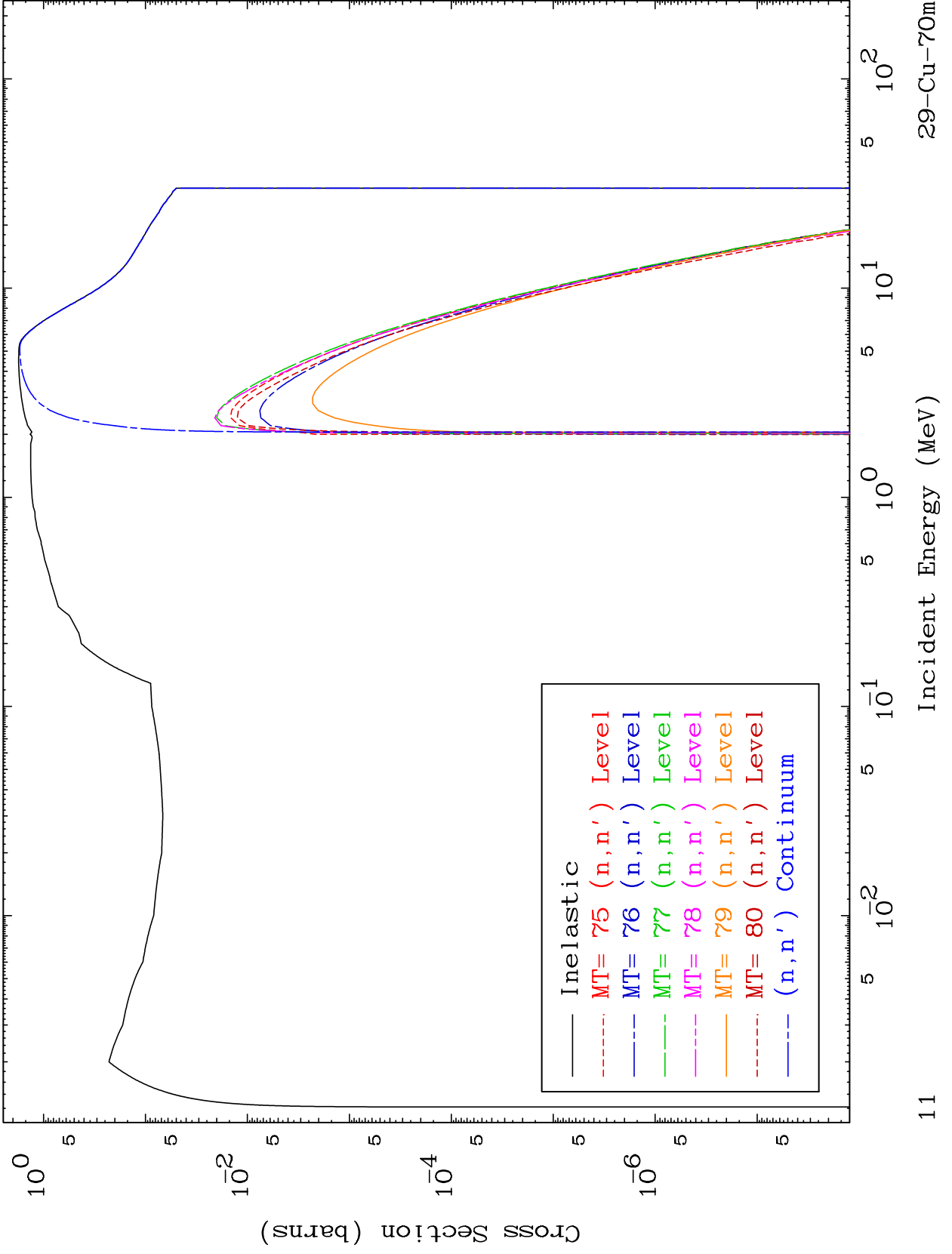
Incident Energy (MeV)

29-Cu-70m

MAT 2947

(n,n') Levels
293 Kelvin Cross Sections

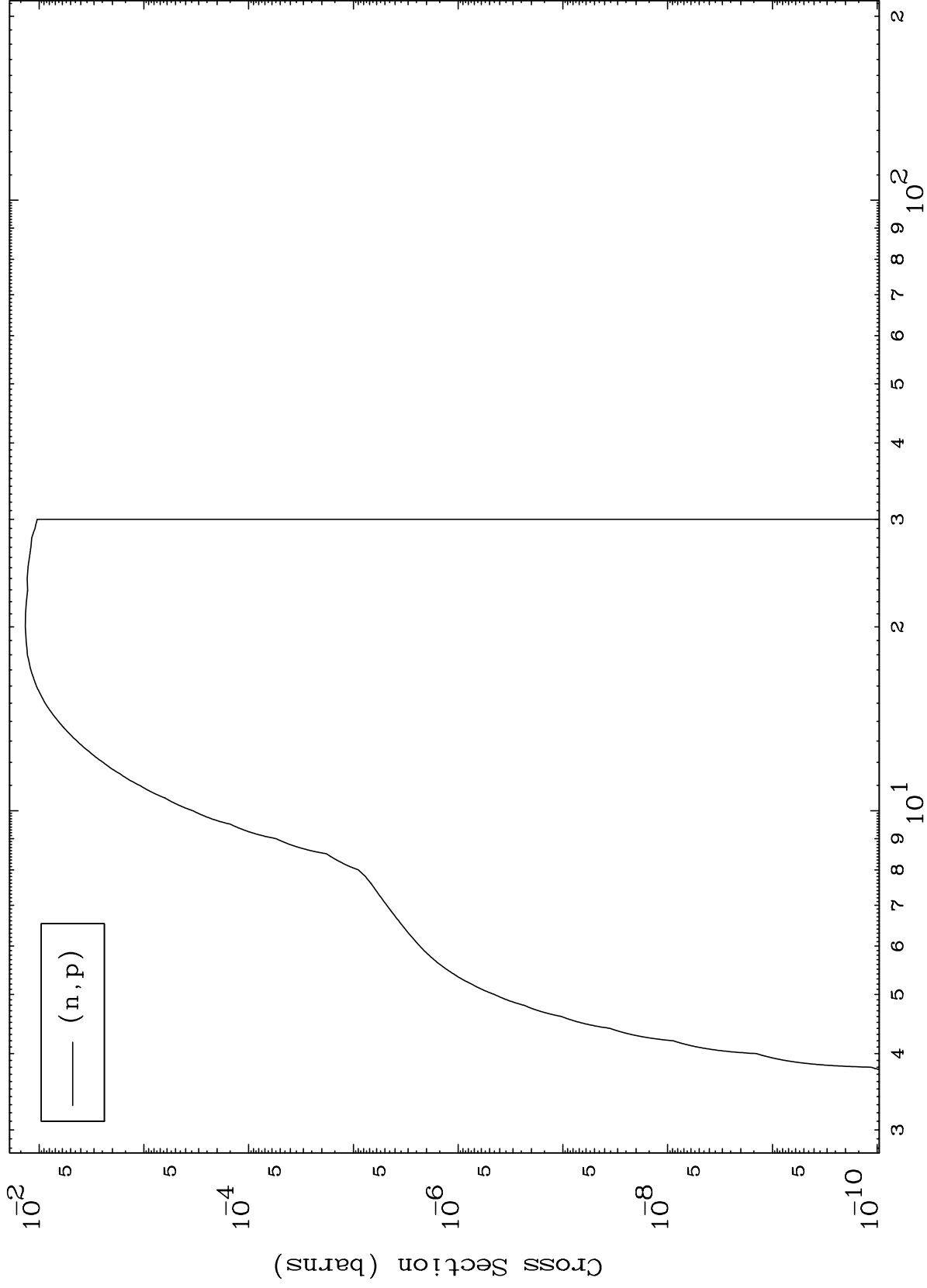
29-Cu-70m



MAT 2947

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-70m

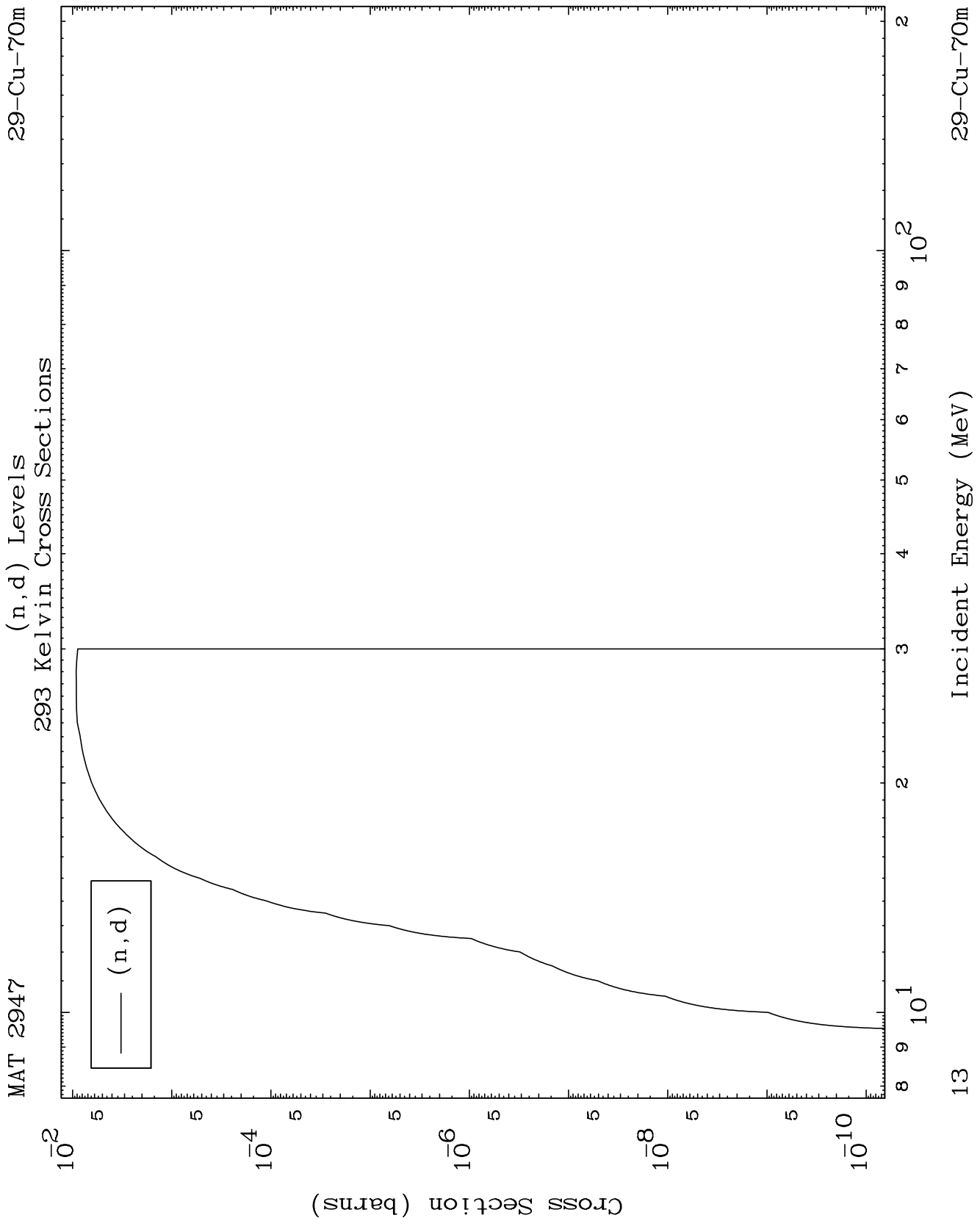


(n,p)

Incident Energy (MeV)

29-Cu-70m

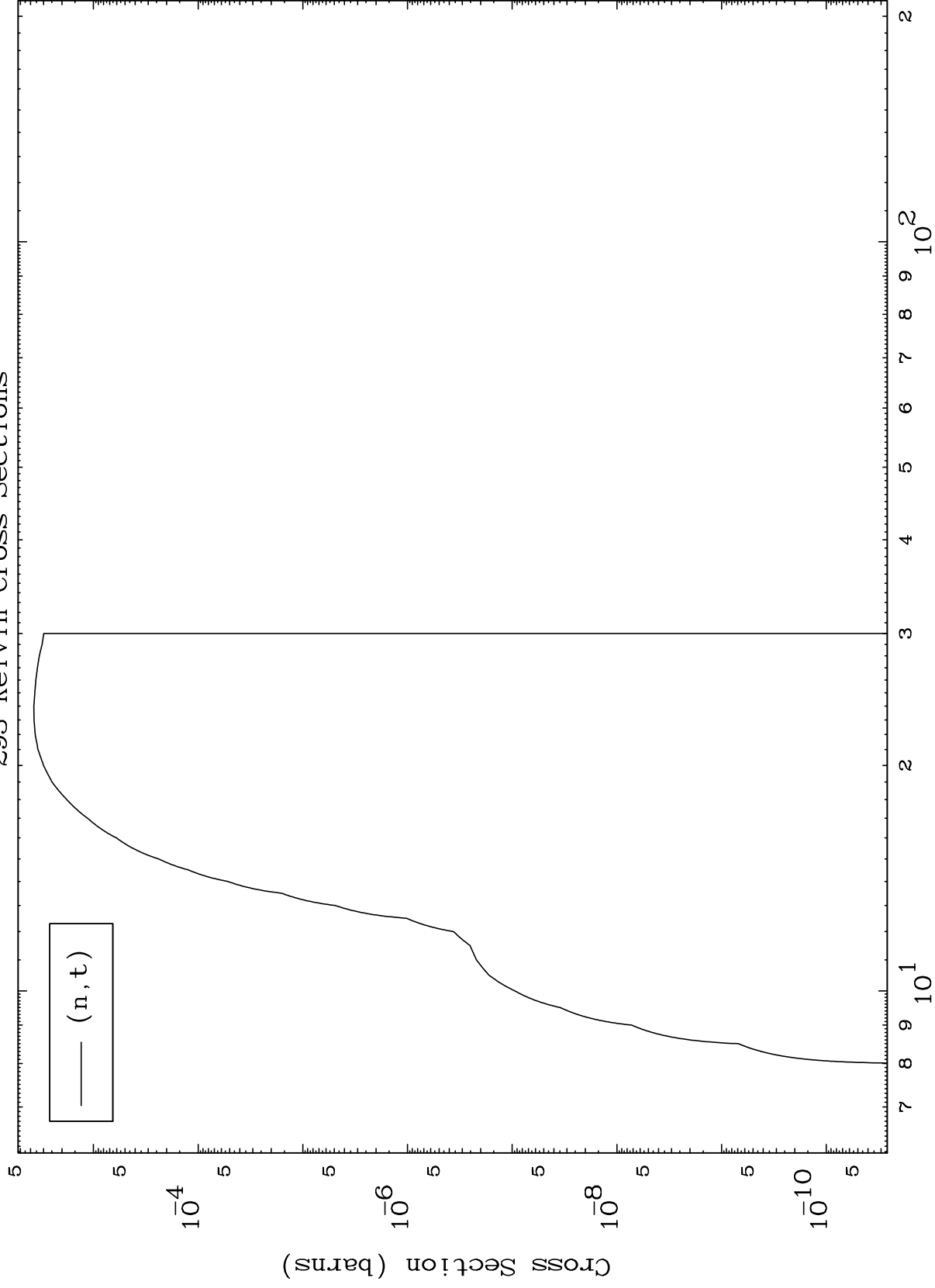
12



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(n,t) Levels
293 Kelvin Cross Sections

29-Cu-70m



14

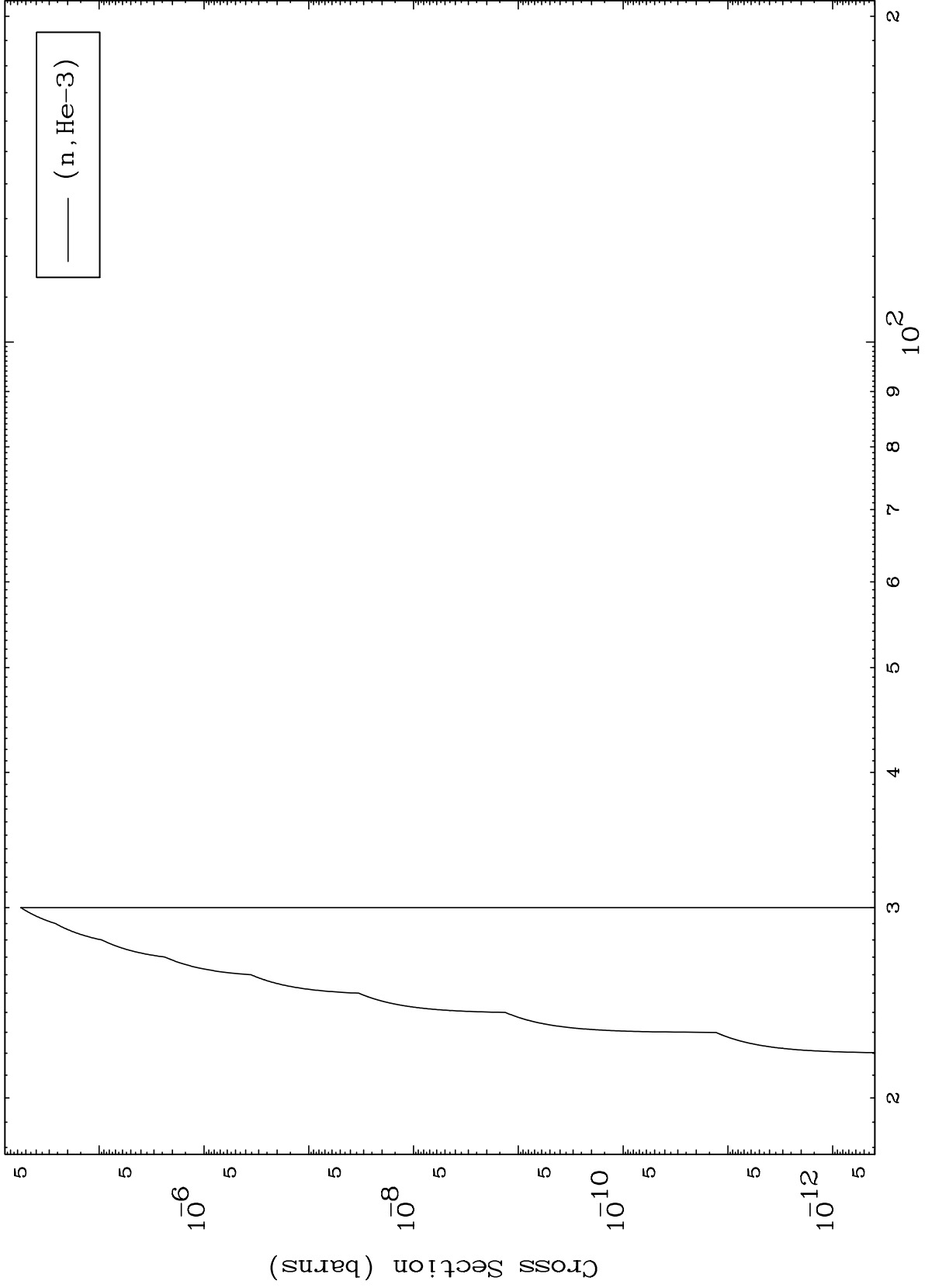
Incident Energy (MeV)

29-Cu-70m

MAT 2947

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-70m



15

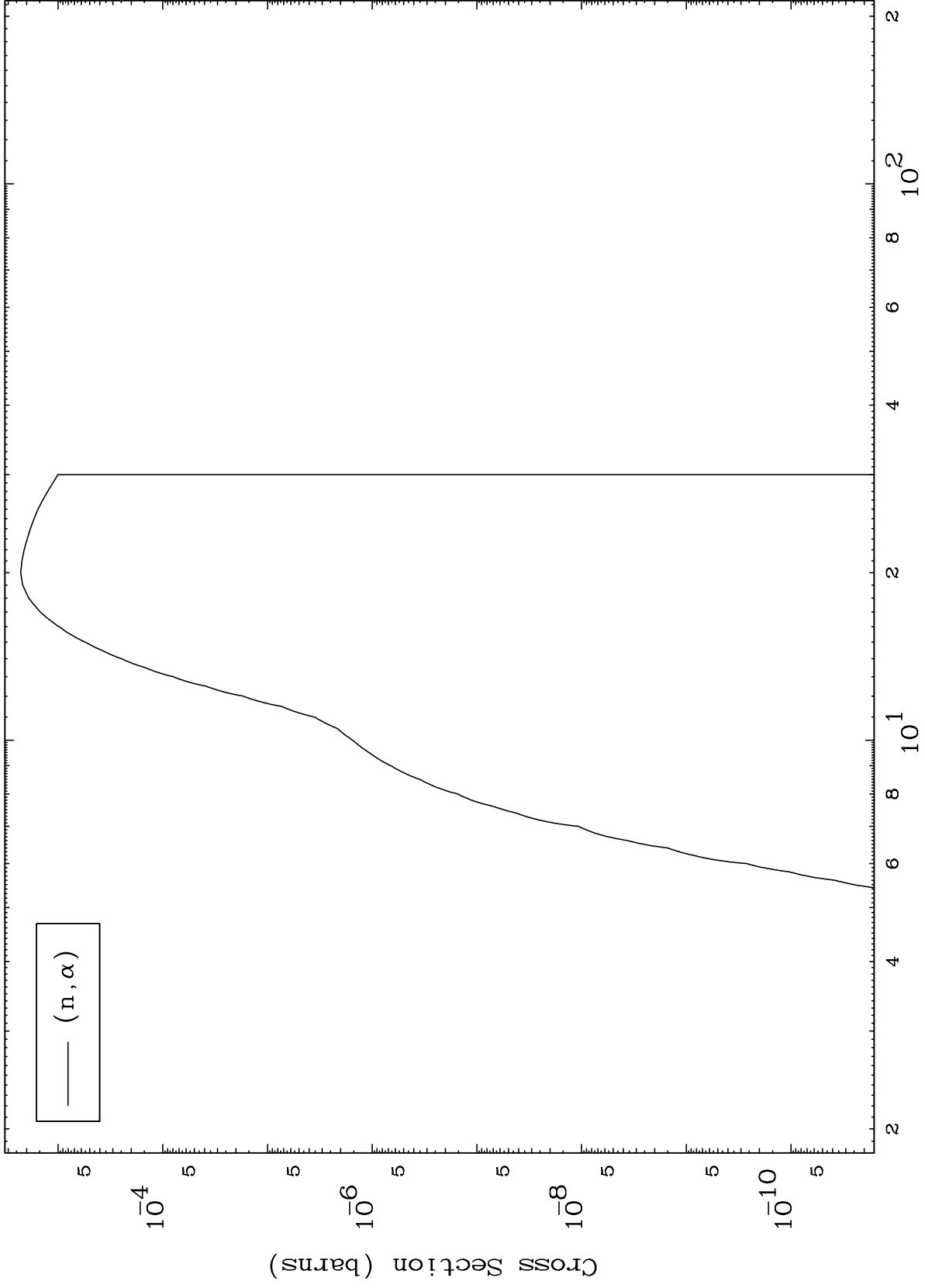
Incident Energy (MeV)

29-Cu-70m

MAT 2947

(n, α) Levels
293 Kelvin Cross Sections

29-Cu-70m



16

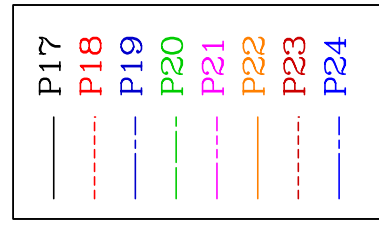
Incident Energy (MeV)

29-Cu-70m

MAT 2947

Elastic
Legendre Coefficients

29-Cu-70m



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

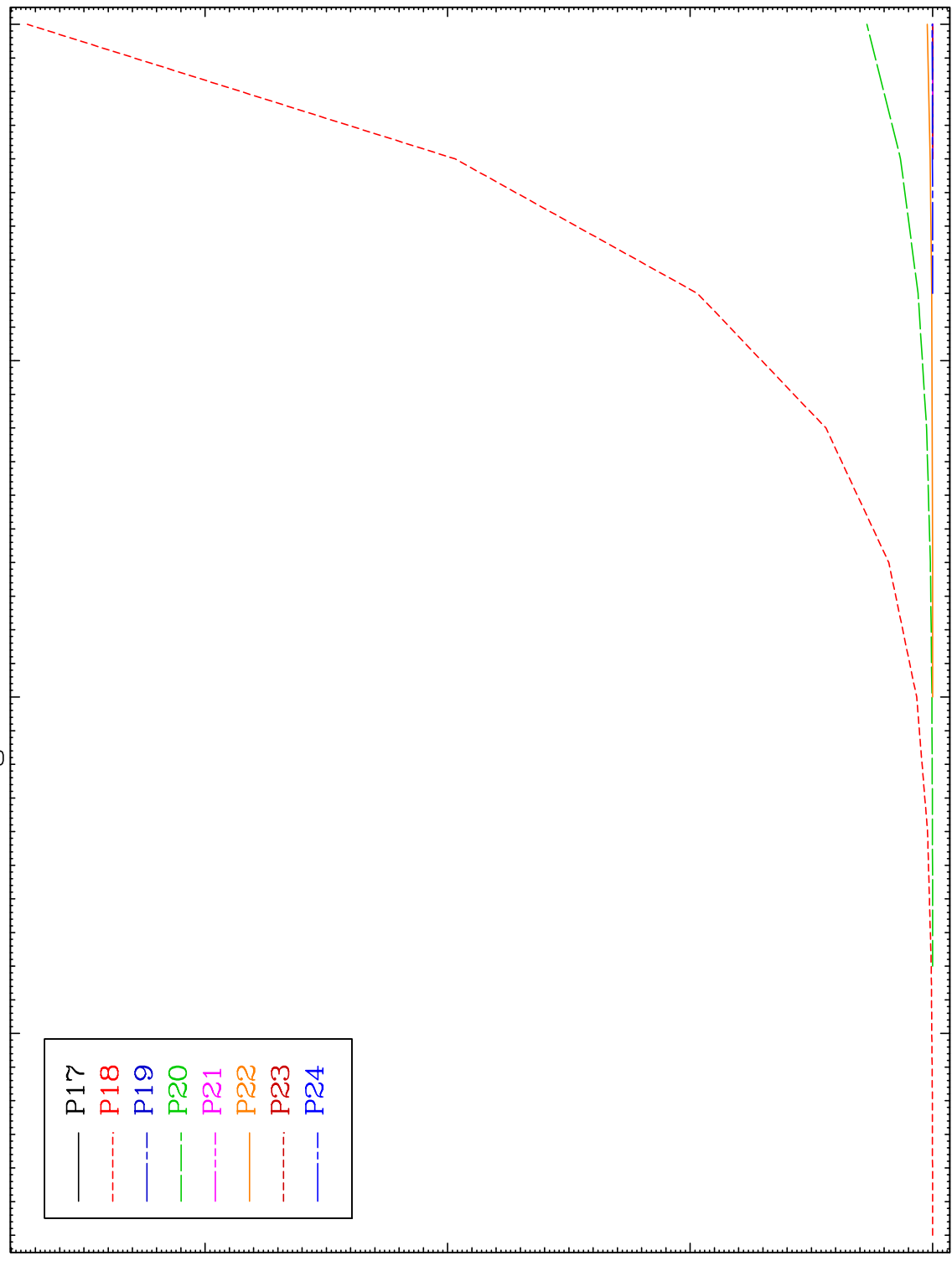
25

30

19

Incident Energy (MeV)

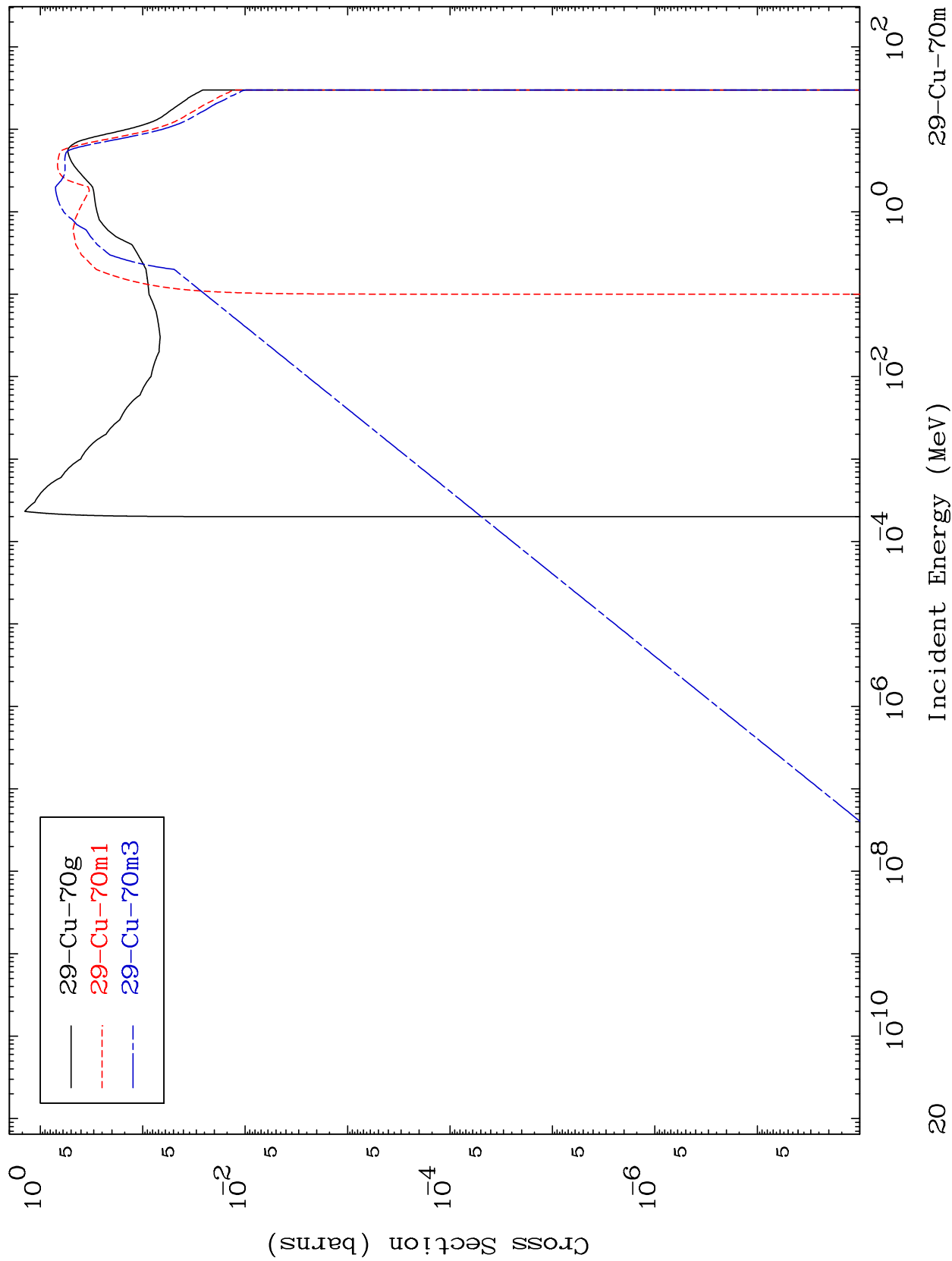
29-Cu-70m



MAT 2947

29-Cu-70m

Inelastic
Radionuclide Production Cross Section



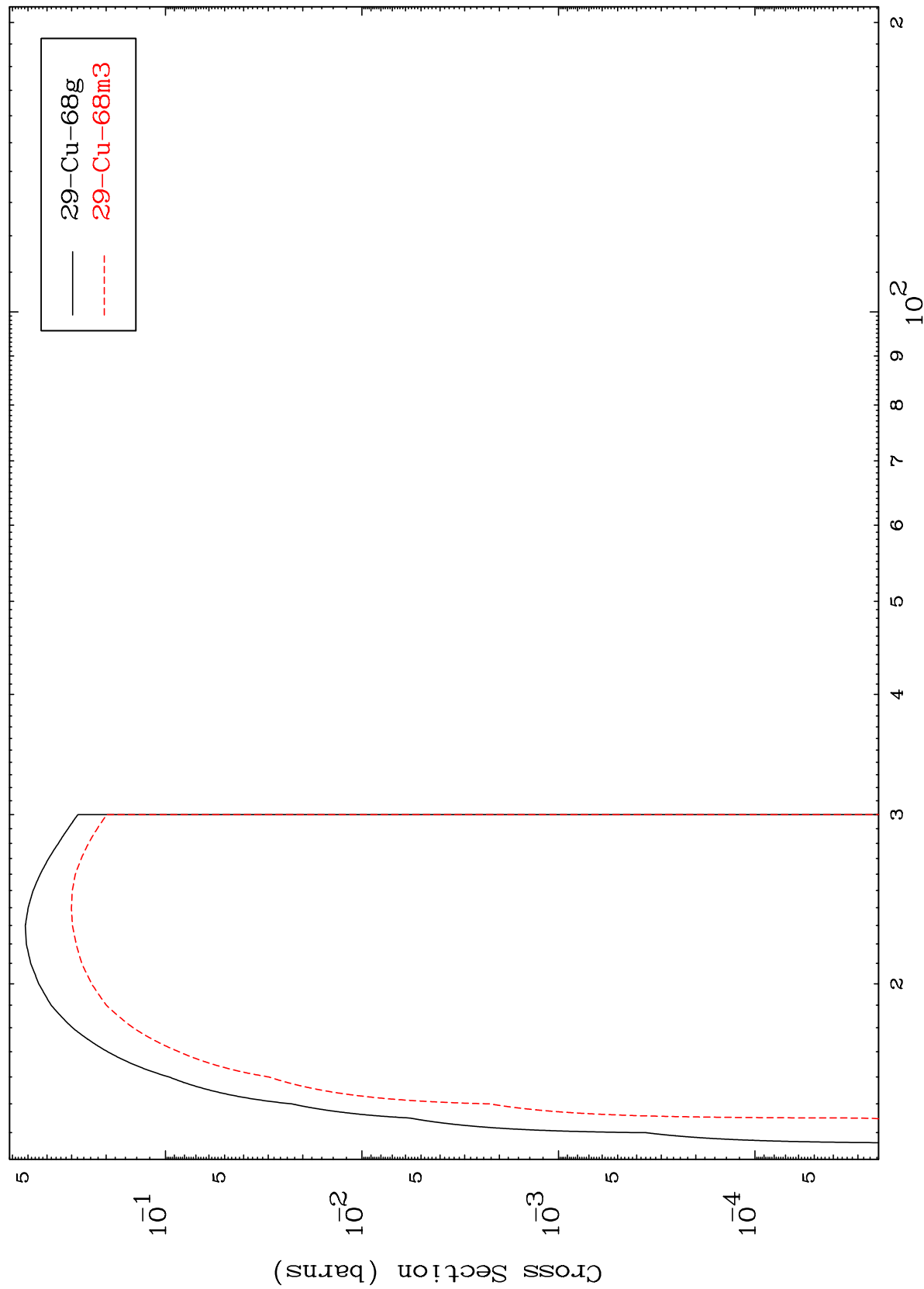
Legend:
— 29-Cu-70g
- - - 29-Cu-70m1
- · - 29-Cu-70m3

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(n,3n)

29-Cu-70m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

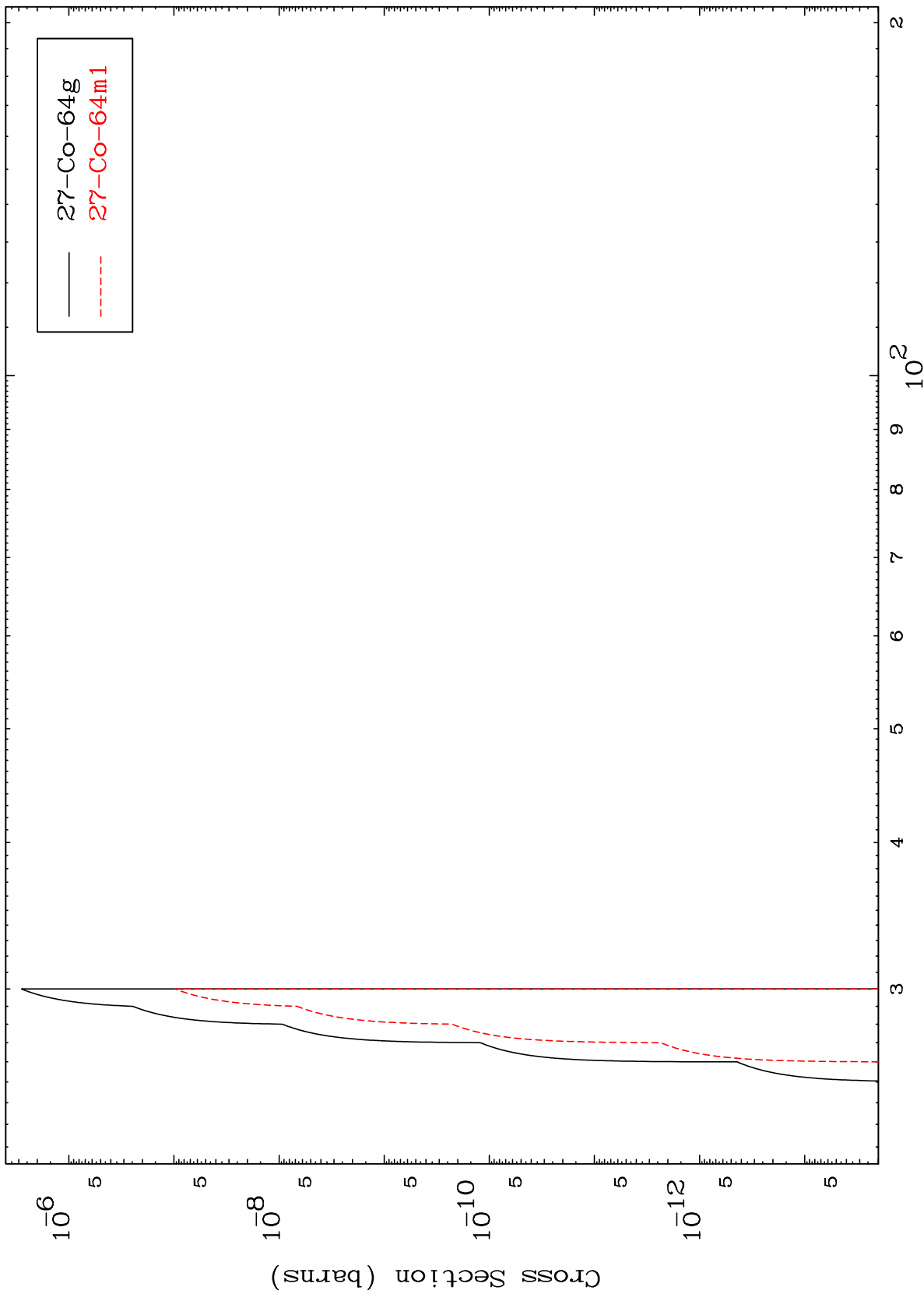
29-Cu-70m

MAT 2947

(n,3n) α

29-Cu-70m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

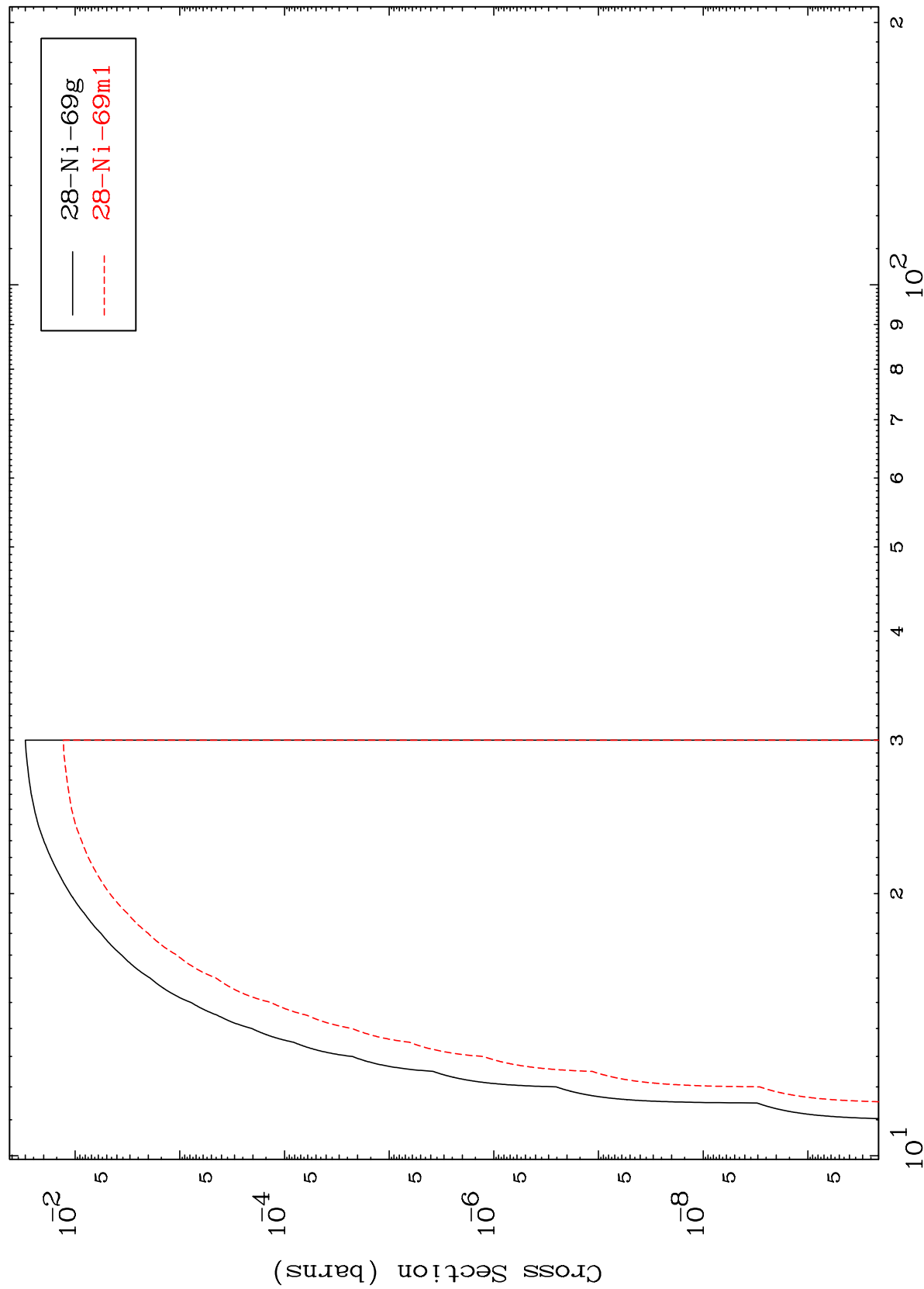
29-Cu-70m

MAT 2947

(n,n') p

29-Cu-70m

Radionuclide Production Cross Section



Incident Energy (MeV)

29-Cu-70m

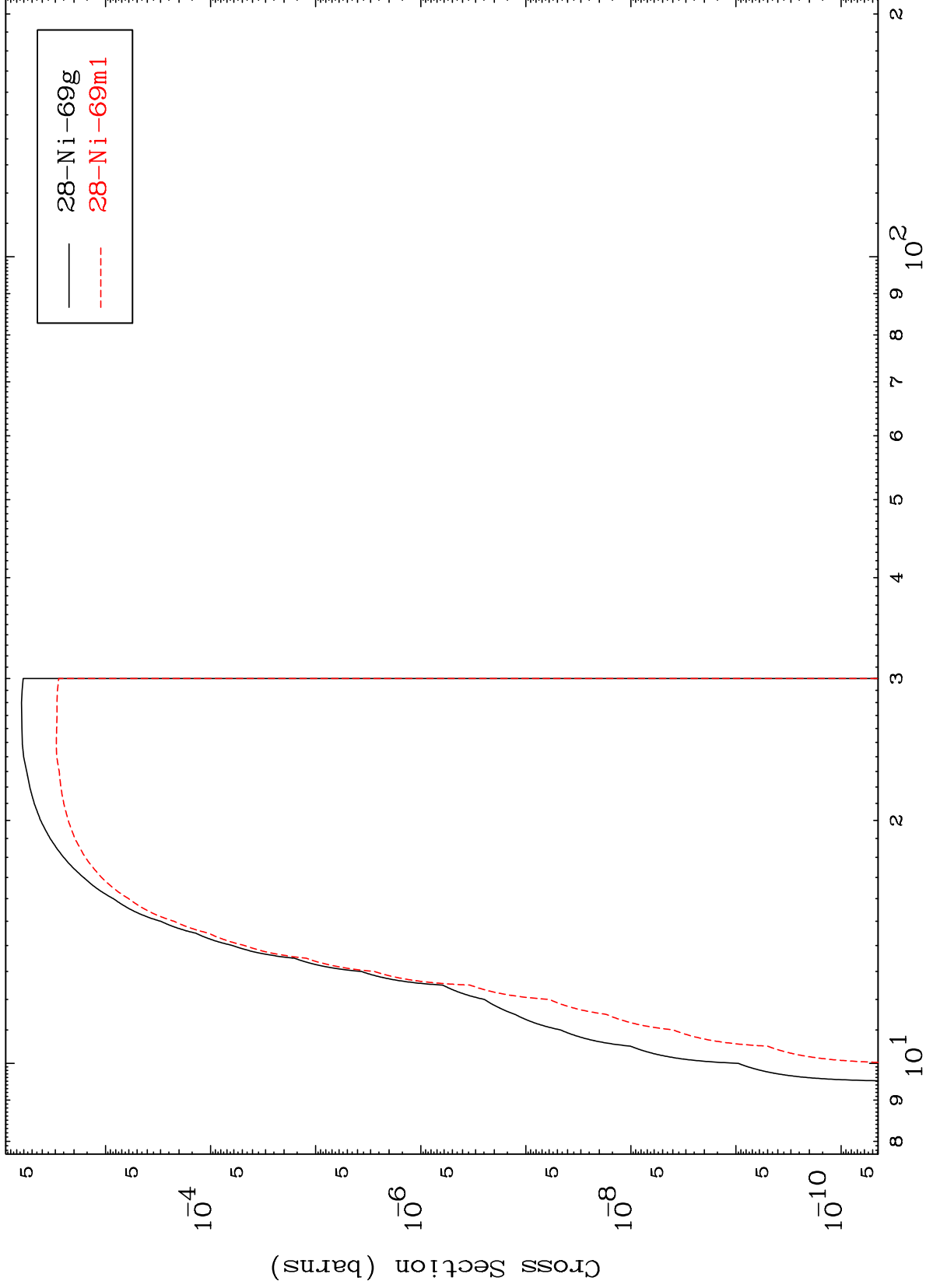
23

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(n,d)

29-Cu-70m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

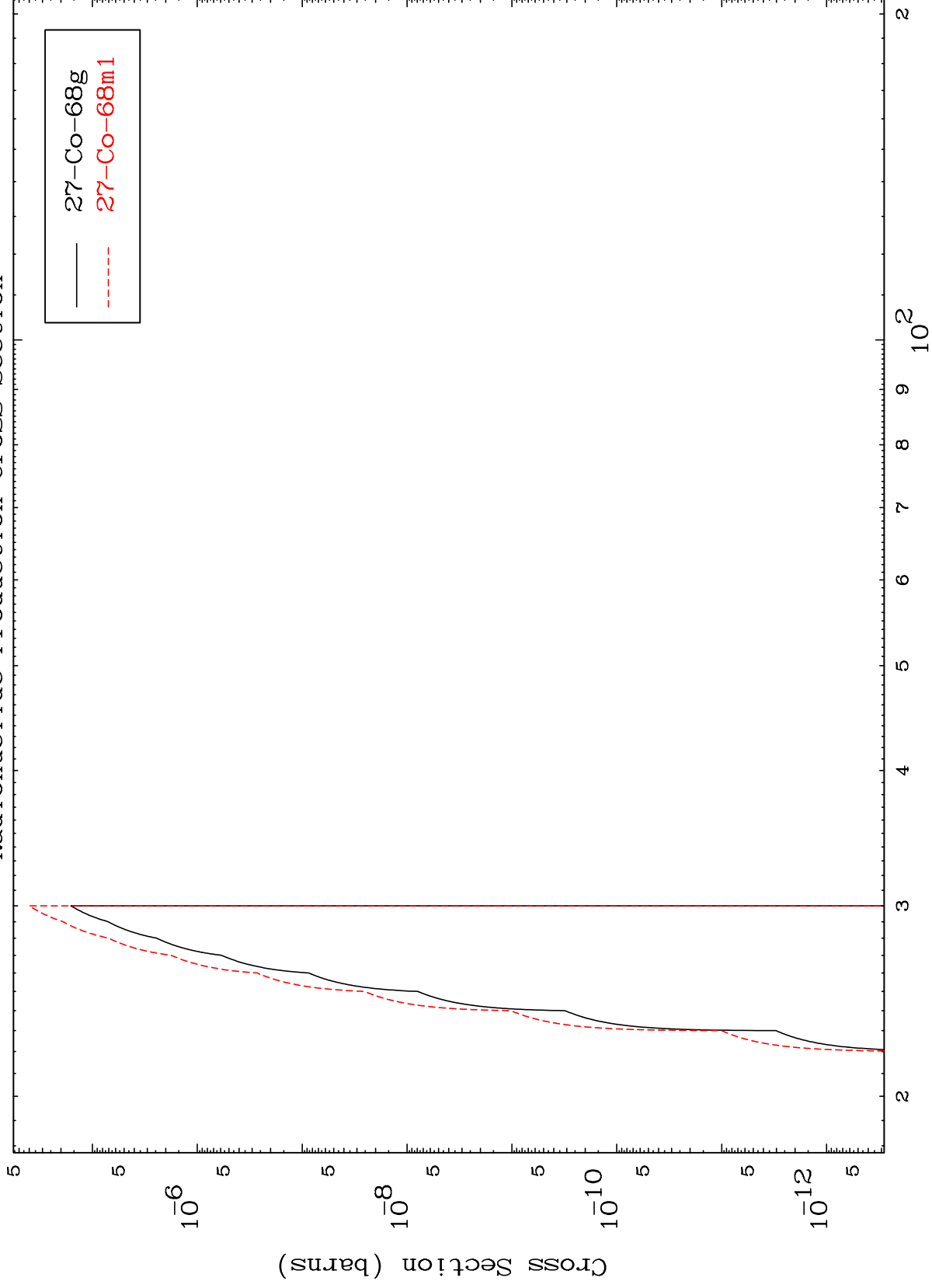
29-Cu-70m

MAT 2947

(n,He-3)

29-Cu-70m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

29-Cu-70m