

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

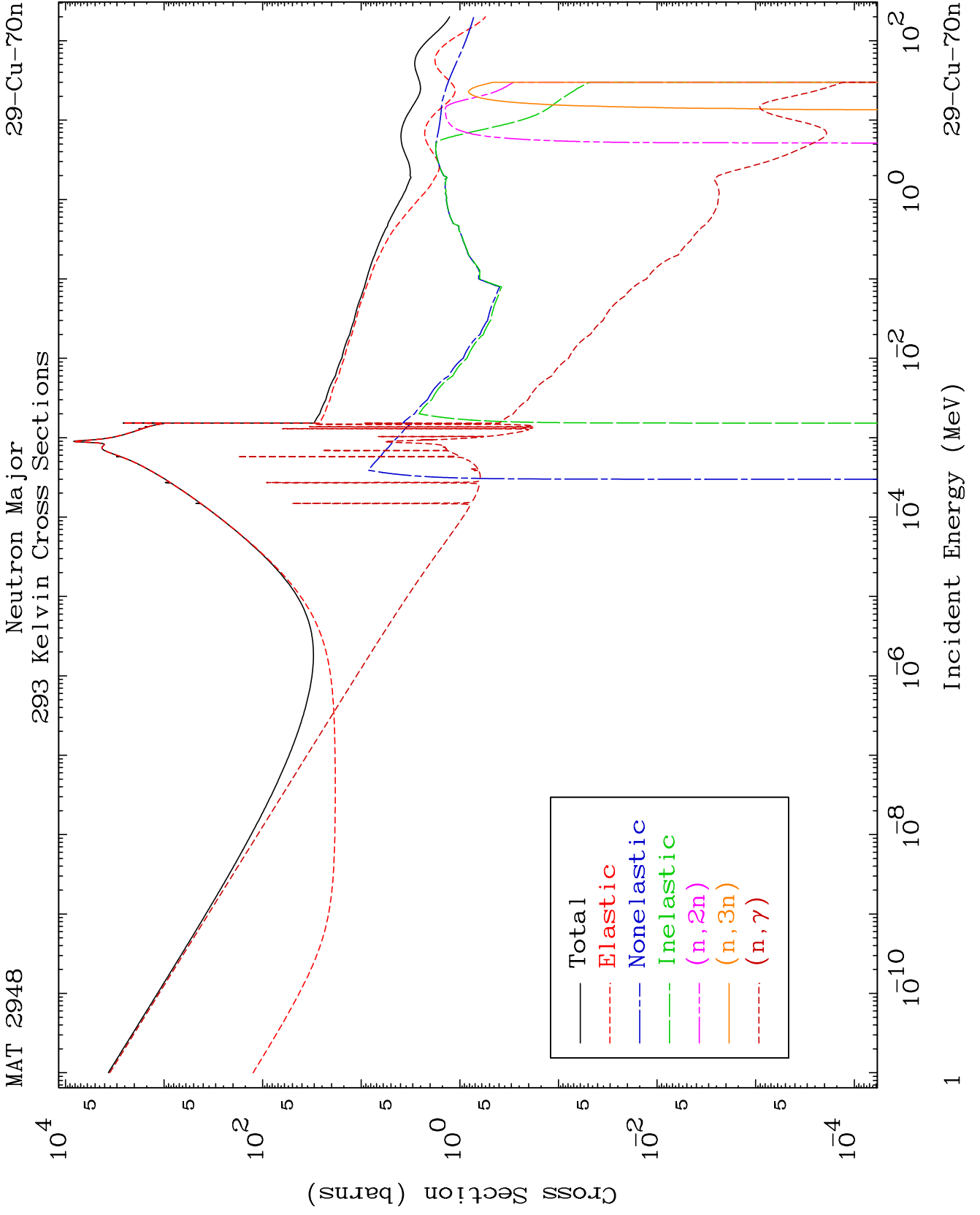
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

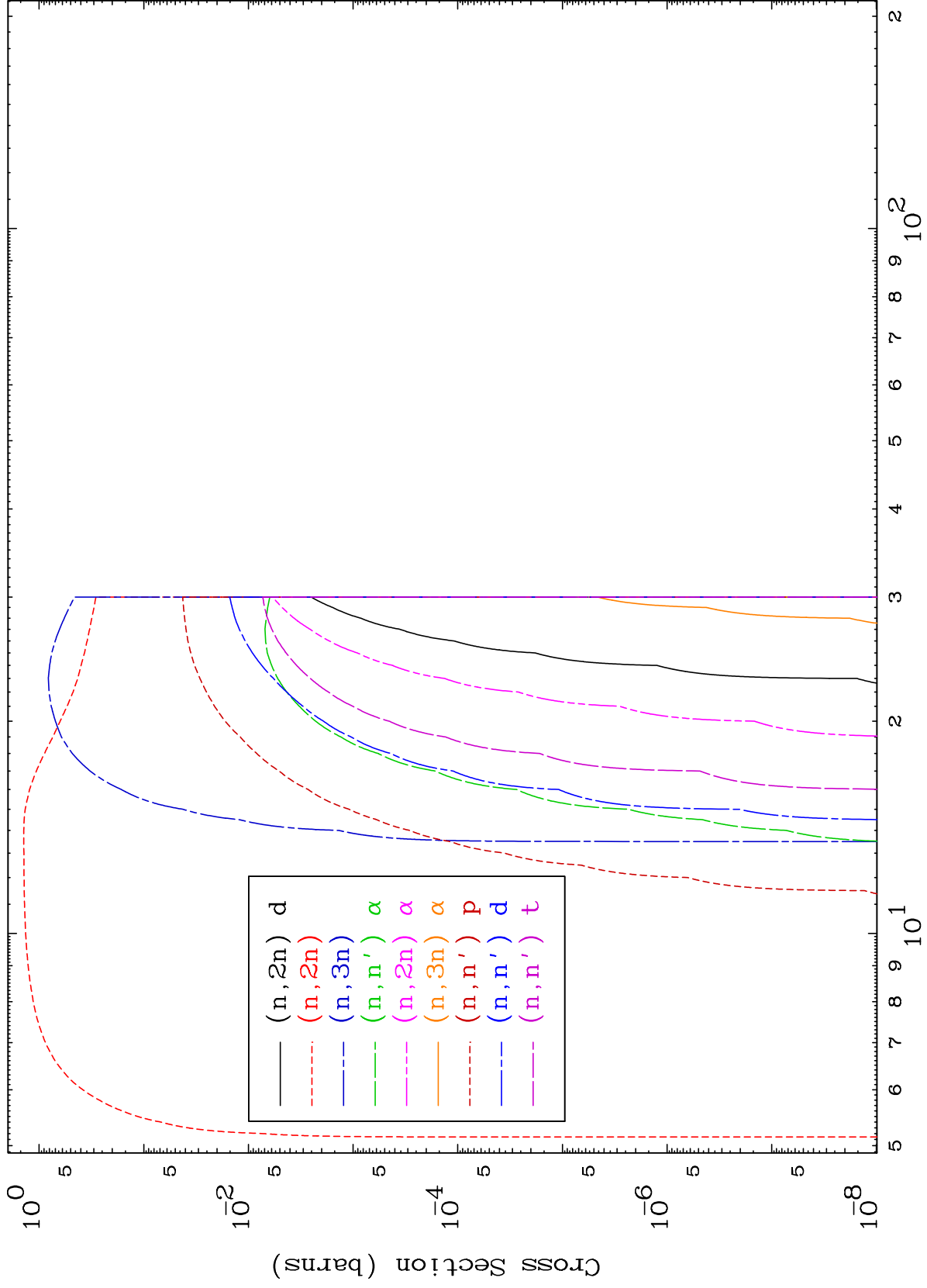
Press Mouse Button to Start



MAT 2948

Neutron Absorption
293 Kelvin Cross Sections

29-Cu-70n



Incident Energy (MeV)

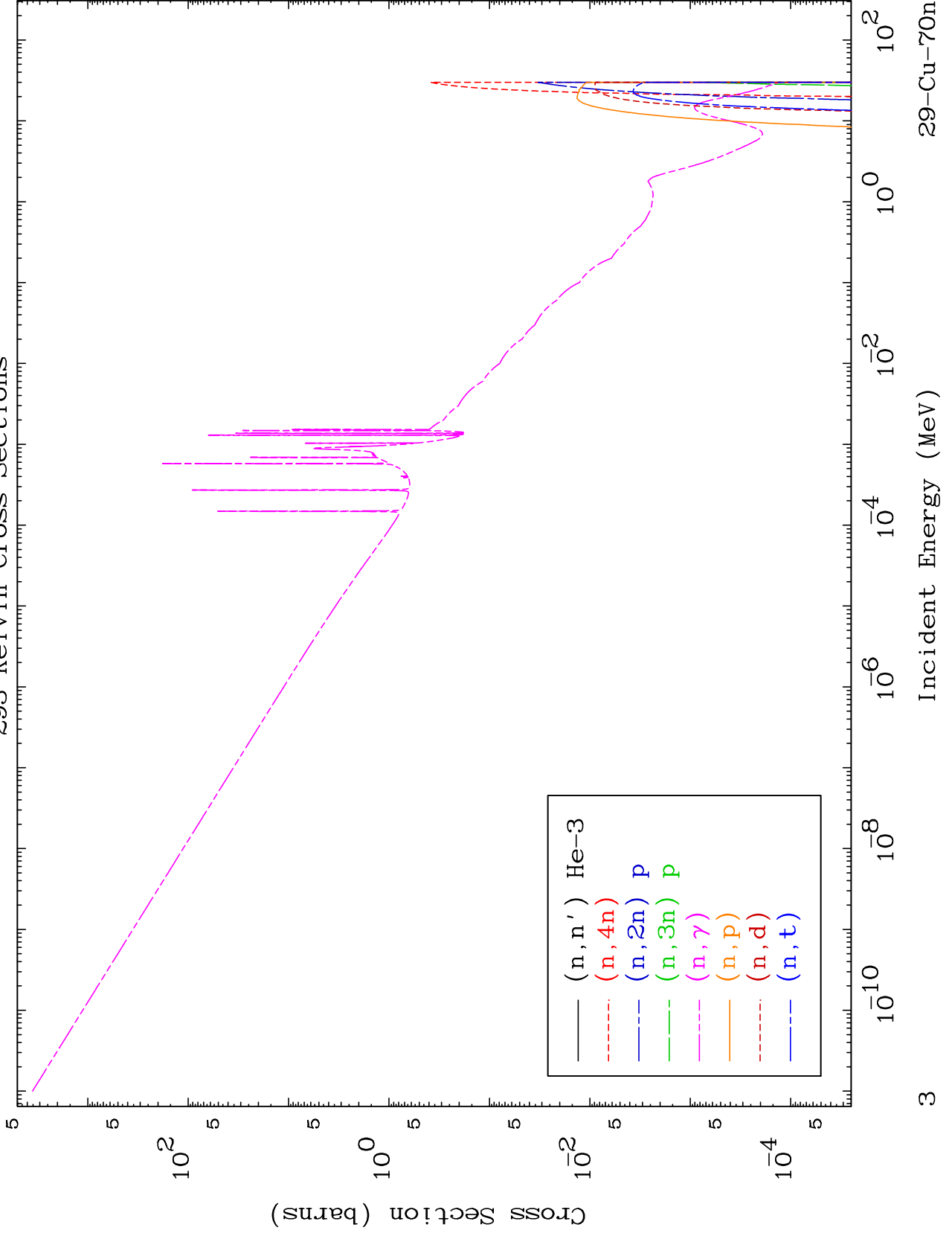
29-Cu-70n

2

MAT 2948

Neutron Absorption
293 Kelvin Cross Sections

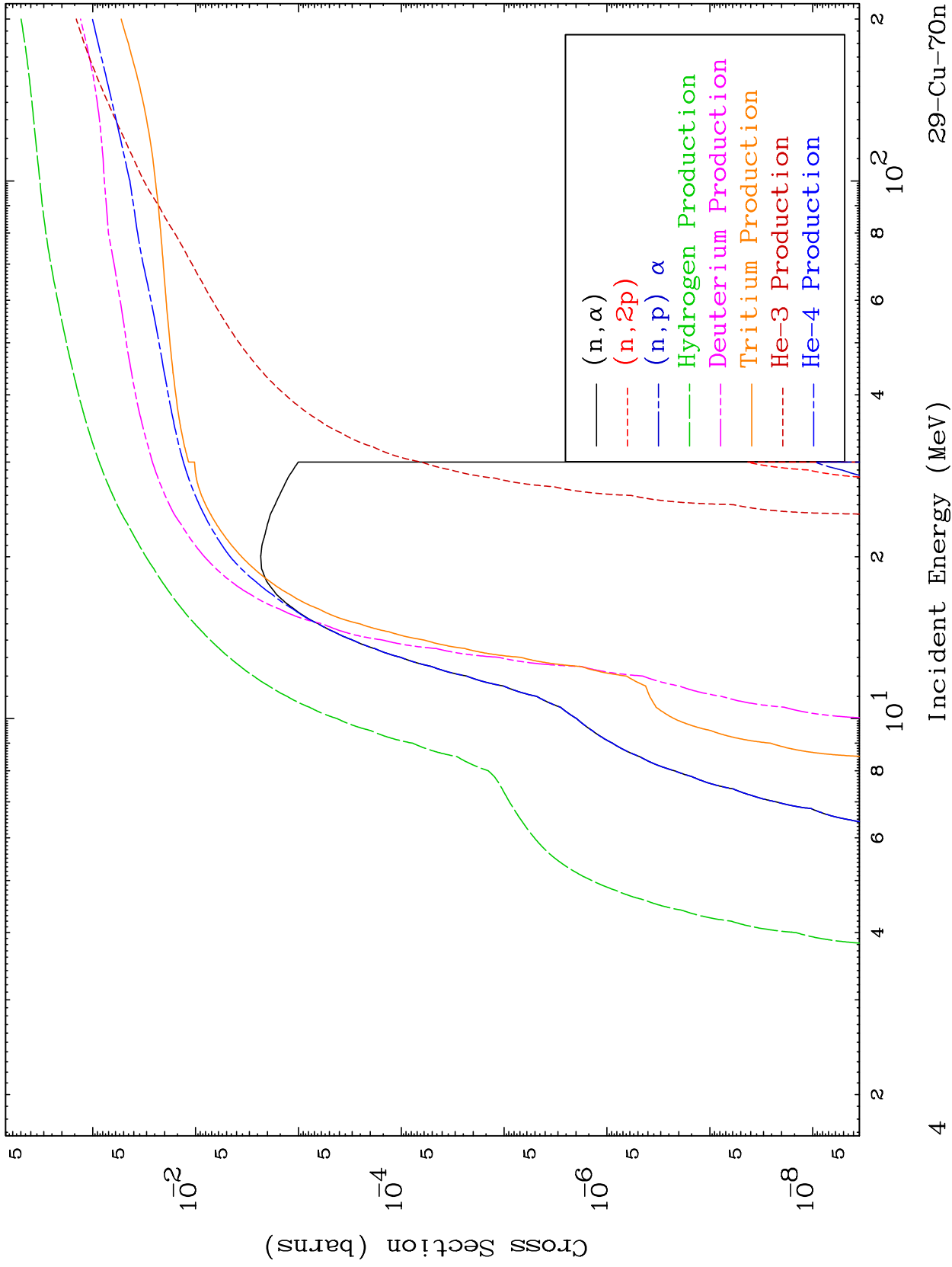
29-Cu-70n



MAT 2948

Neutron Absorption
293 Kelvin Cross Sections

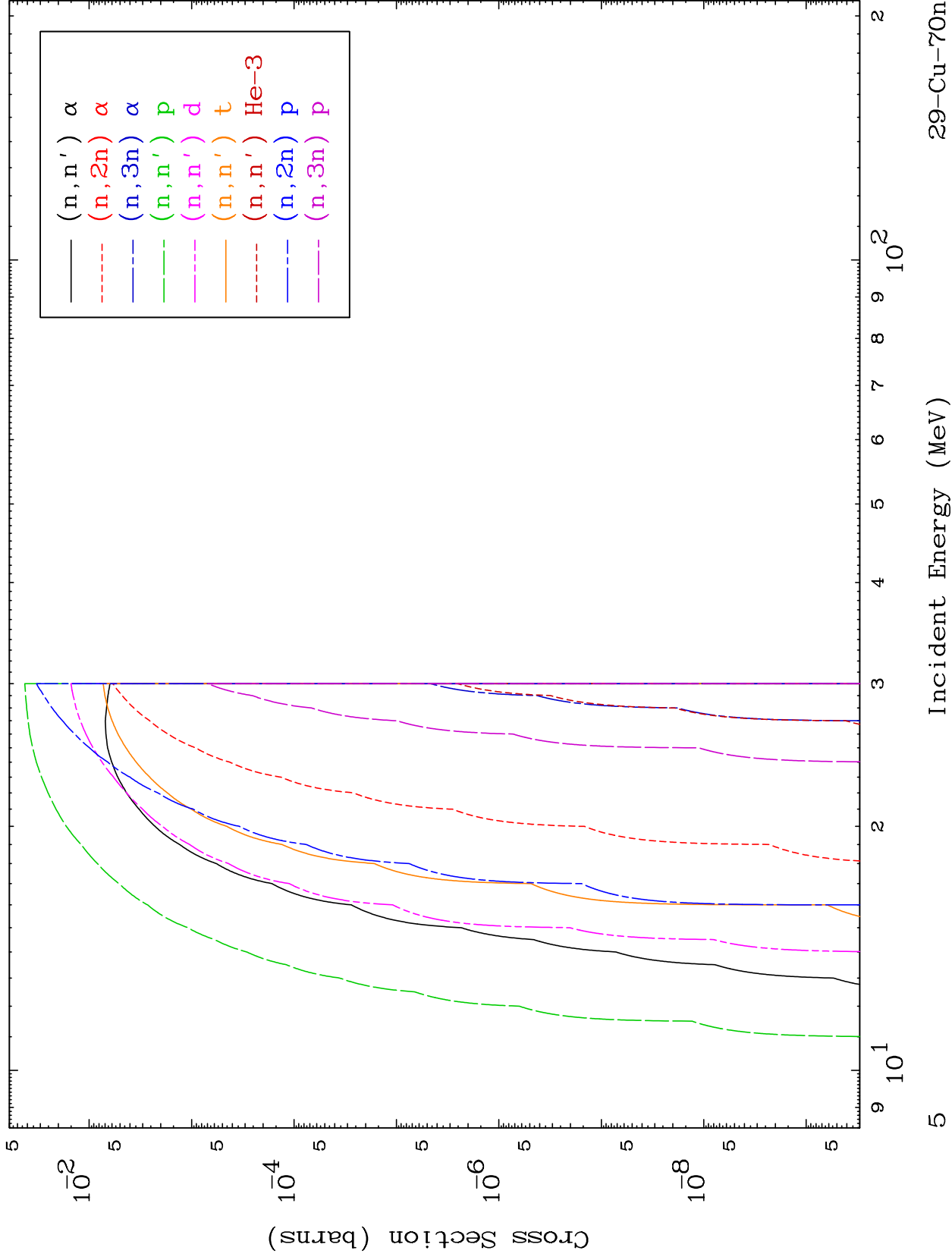
29-Cu-70n



MAT 2948

Charged Particle
293 Kelvin Cross Sections

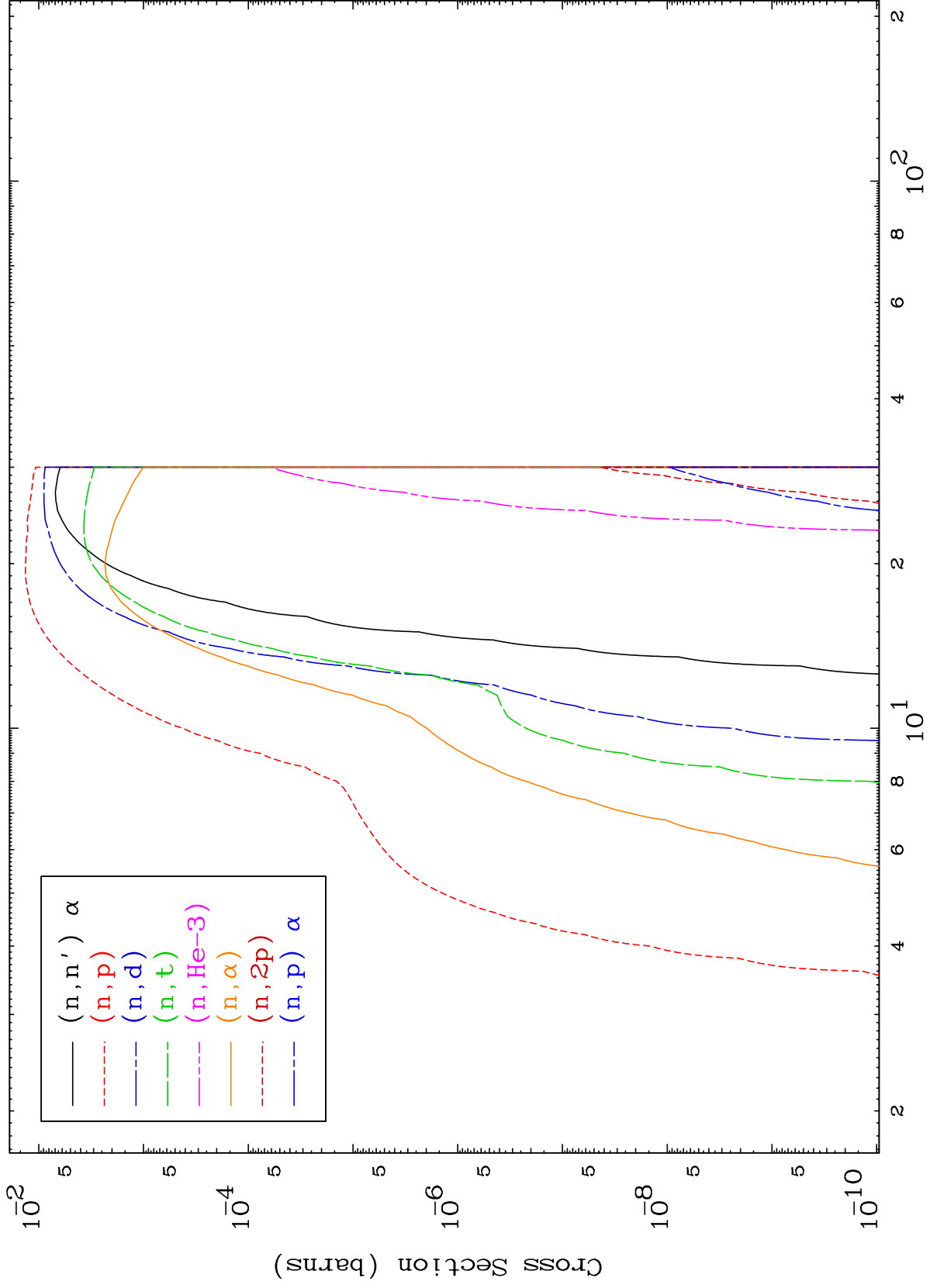
29-Cu-70n



MAT 2948

Charged Particle
293 Kelvin Cross Sections

29-Cu-70n



29-Cu-70n

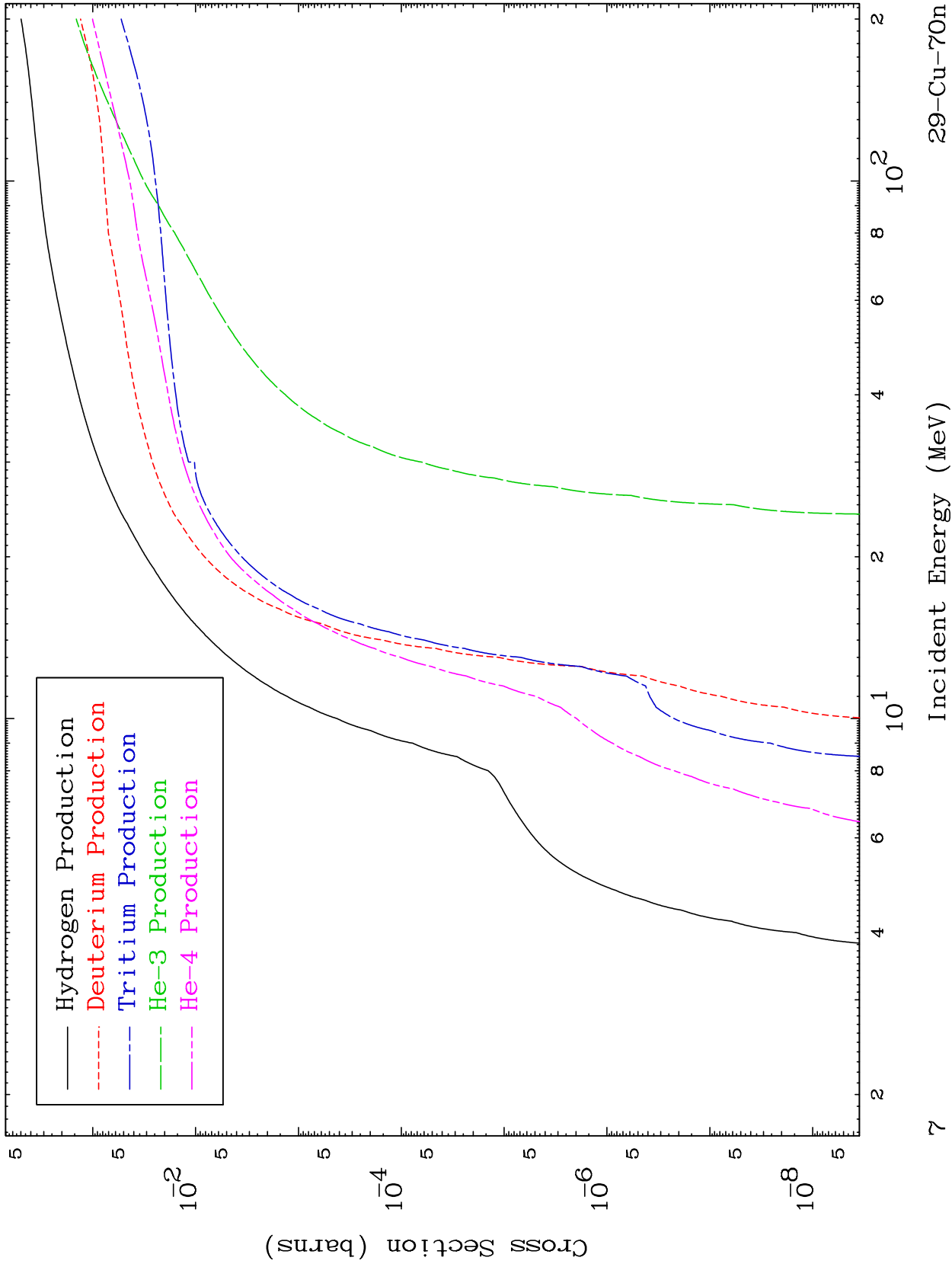
Incident Energy (MeV)

6

MAT 2948

Particle Production
293 Kelvin Cross Sections

29-Cu-70n

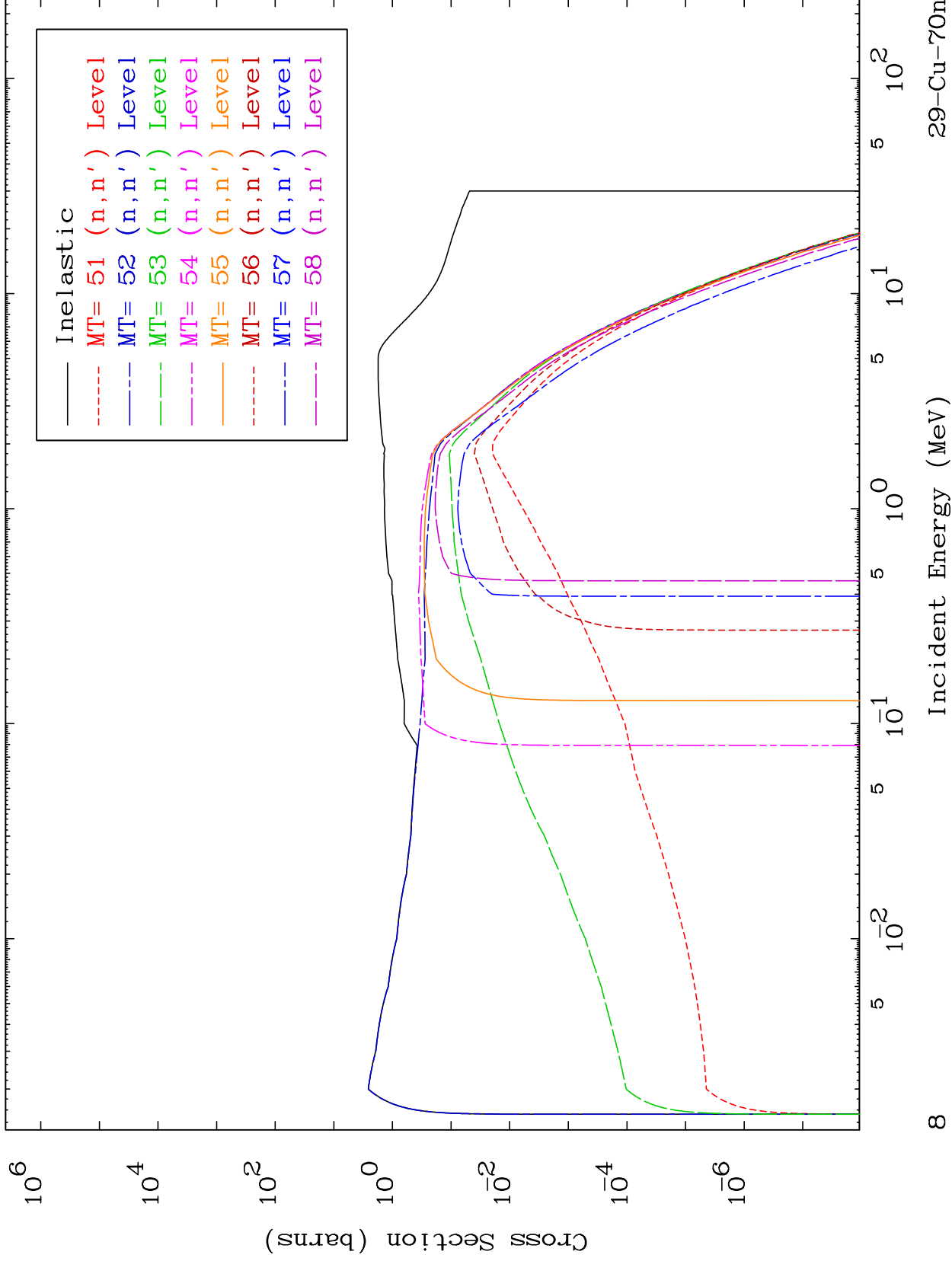


MAT 2948

(n,n') Levels

29-Cu-70n

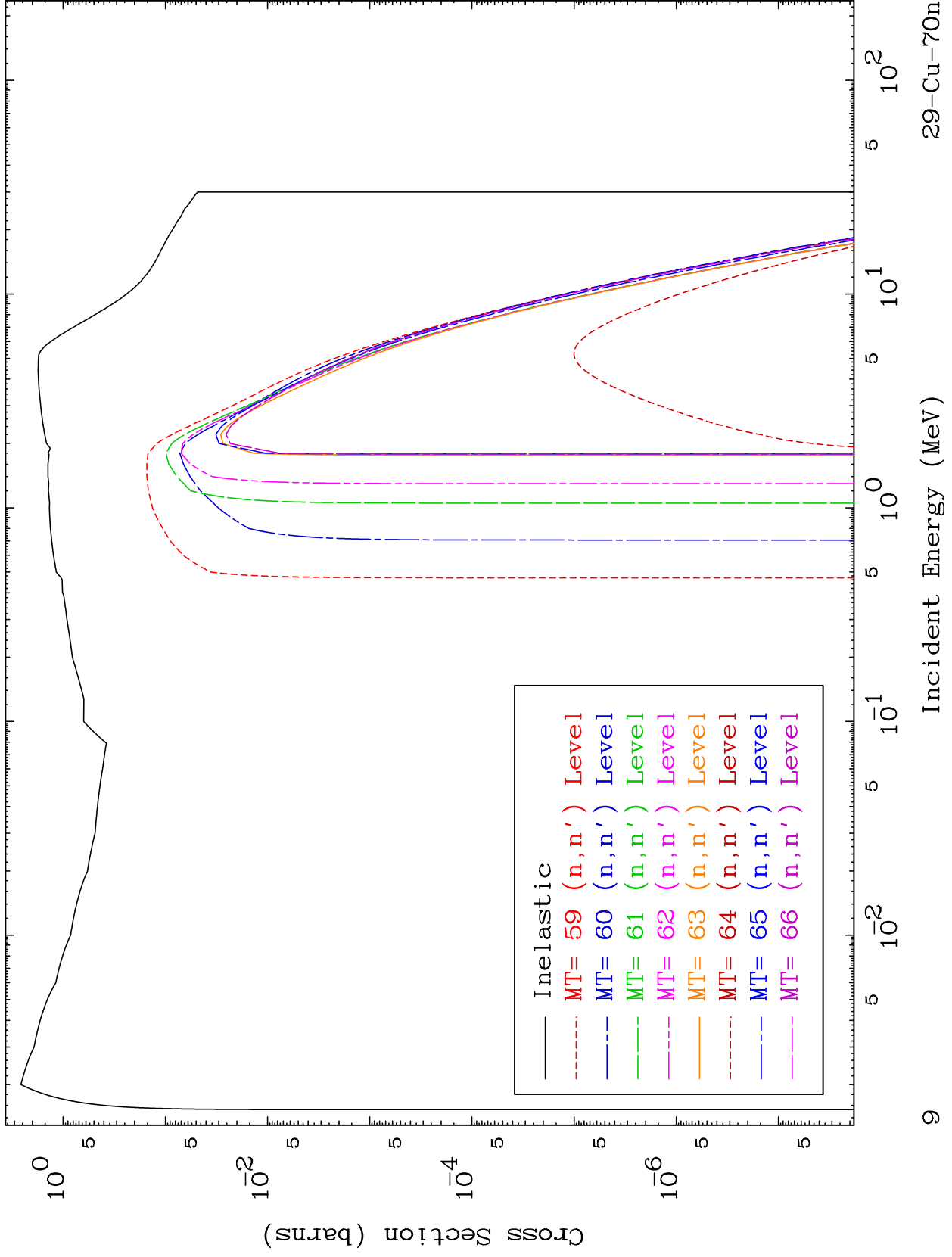
293 Kelvin Cross Sections



MAT 2948

(n,n') Levels
293 Kelvin Cross Sections

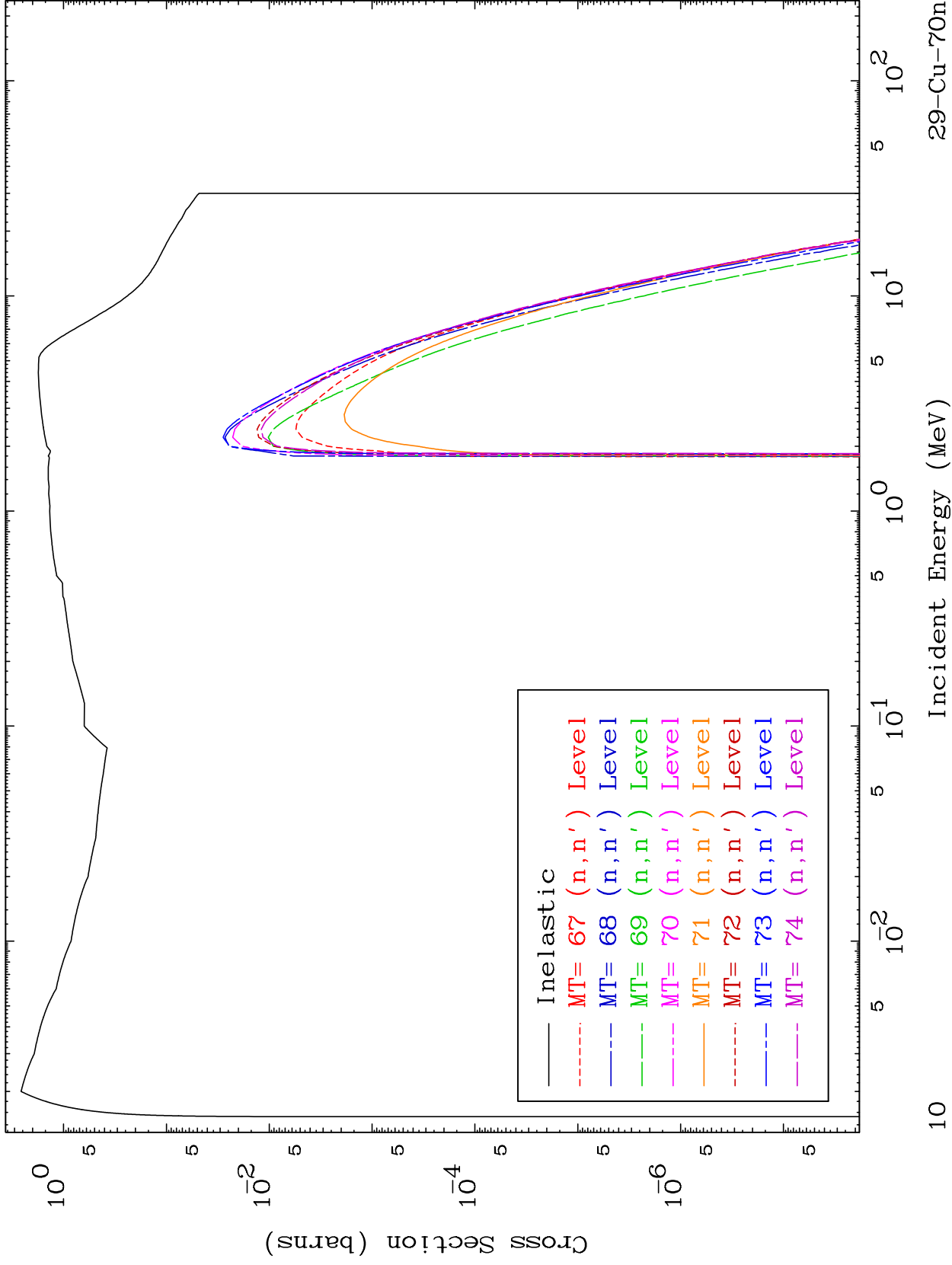
29-Cu-70n



MAT 2948

(n,n') Levels
293 Kelvin Cross Sections

29-Cu-70n



10

Incident Energy (MeV)

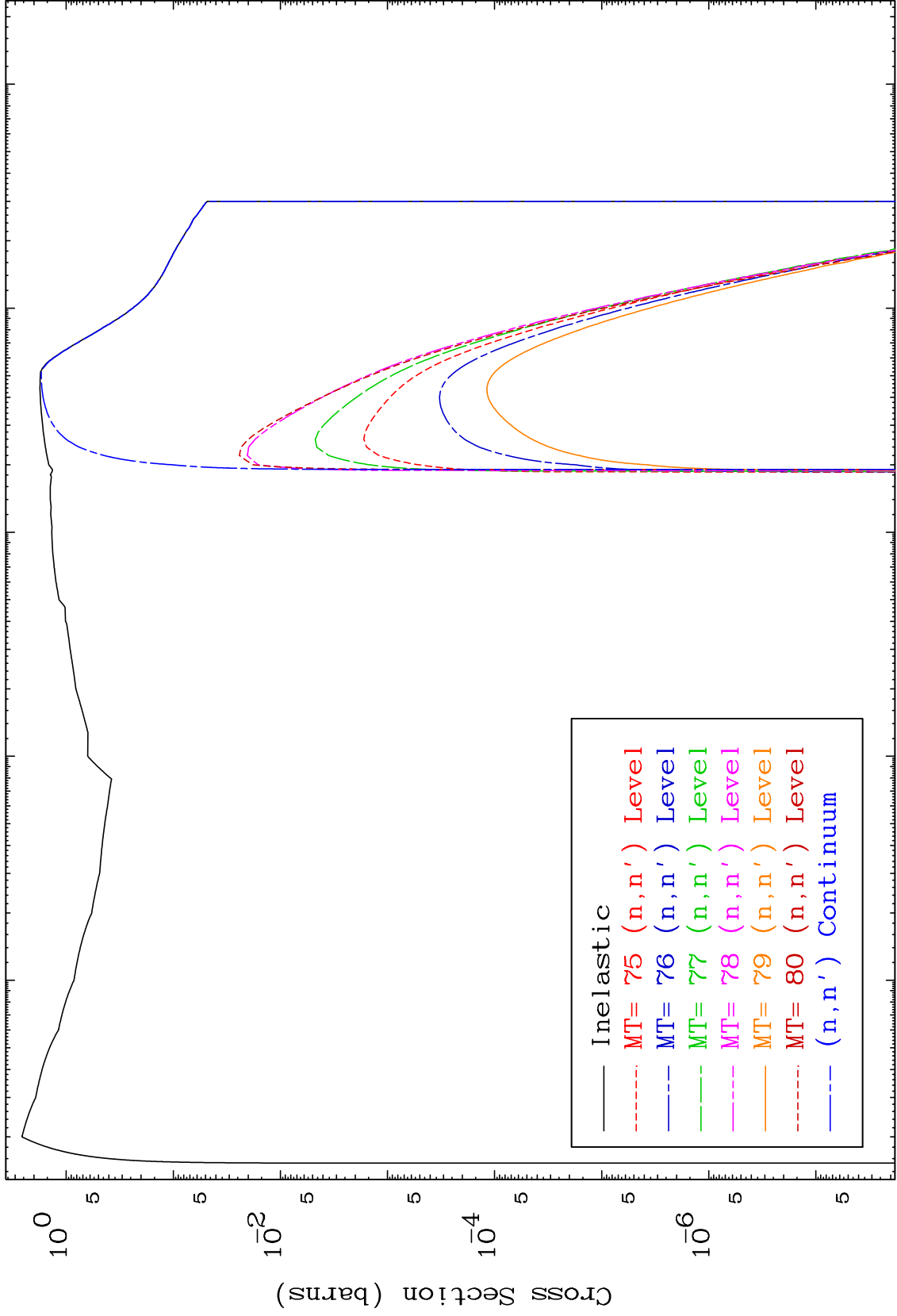
29-Cu-70n

MAT 2948

(n,n') Levels

29-Cu-70n

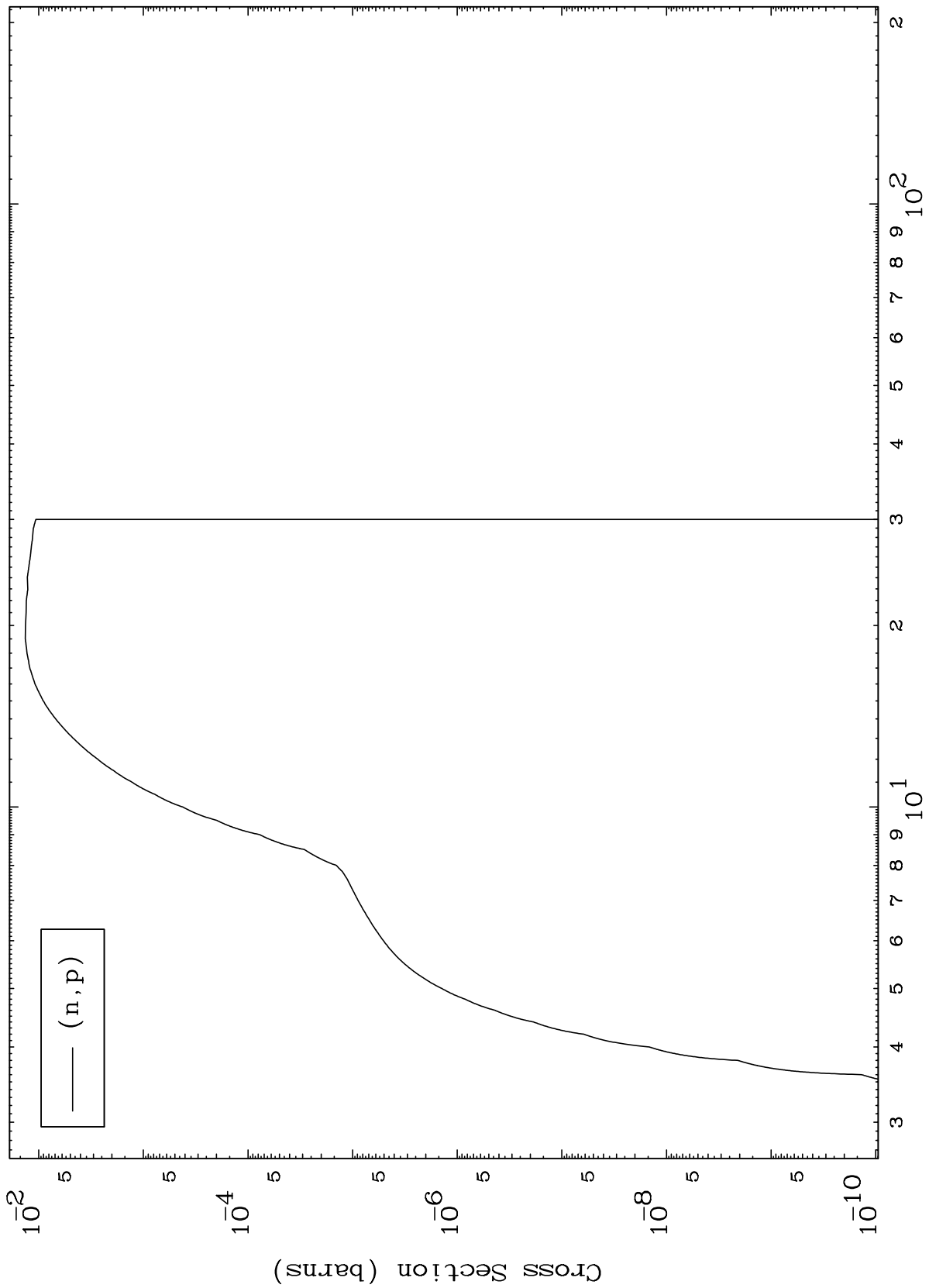
293 Kelvin Cross Sections



MAT 2948

(n,p) Levels
293 Kelvin Cross Sections

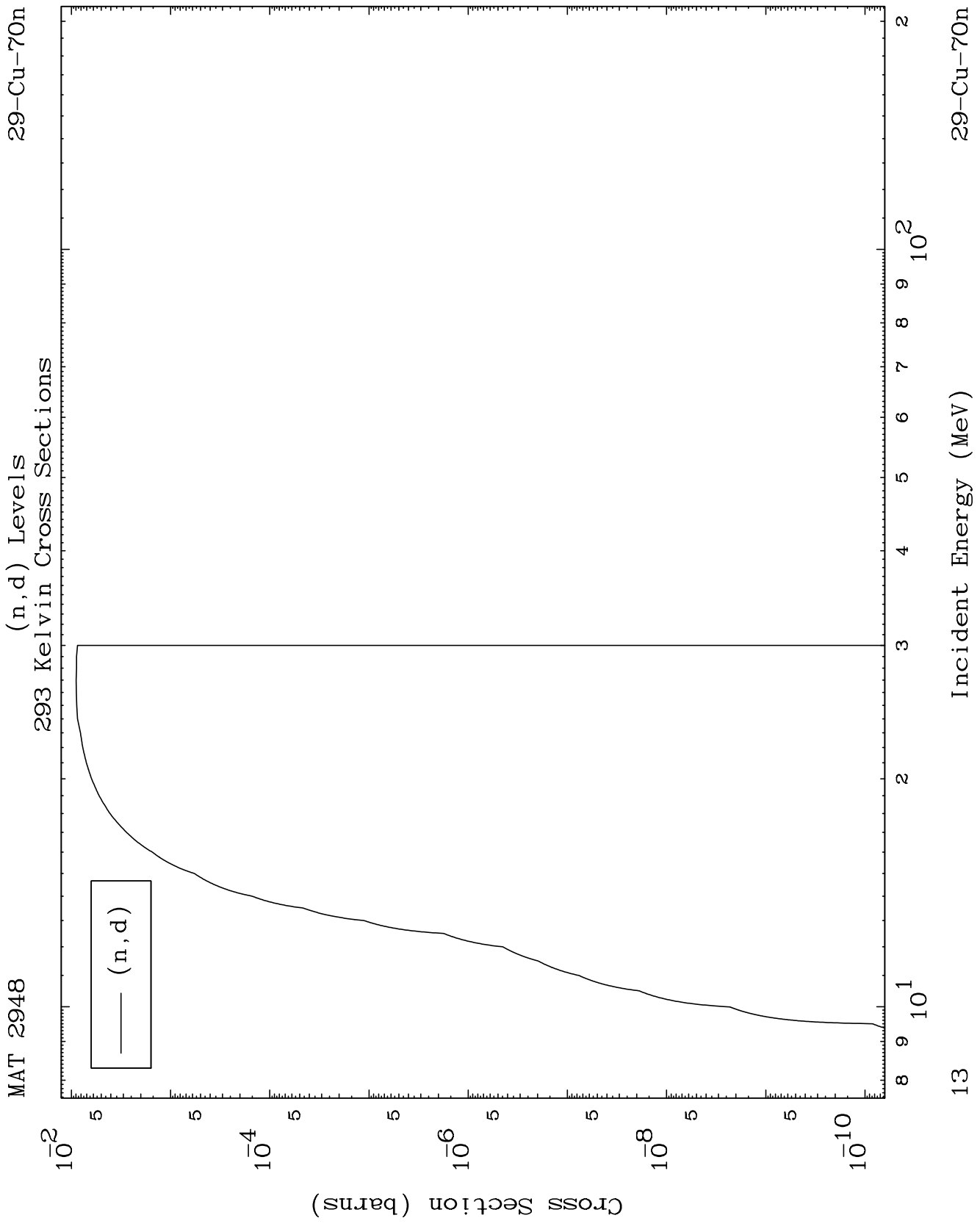
29-Cu-70n



12

Incident Energy (MeV)

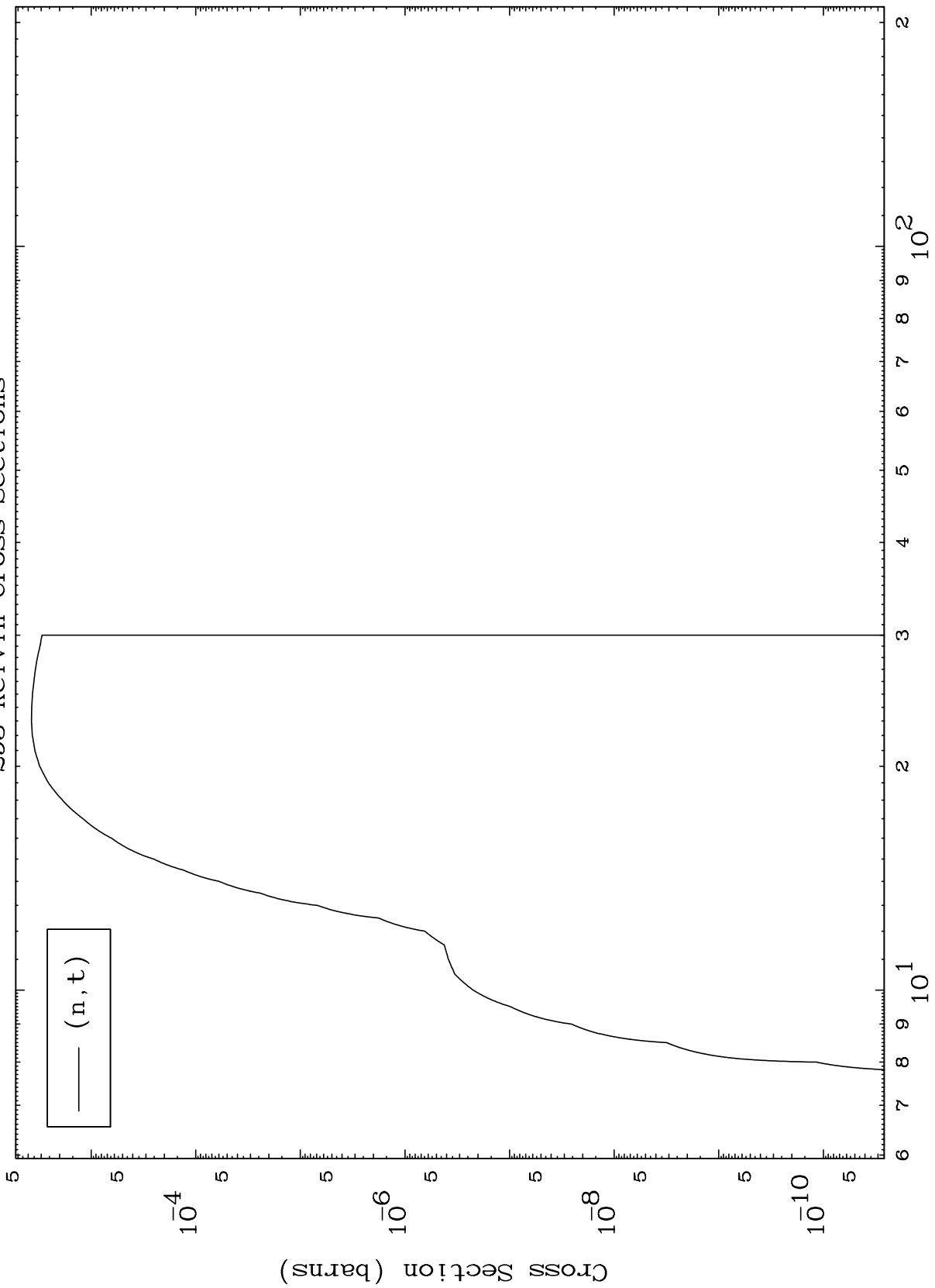
29-Cu-70n



MAT 2948

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-70n



14

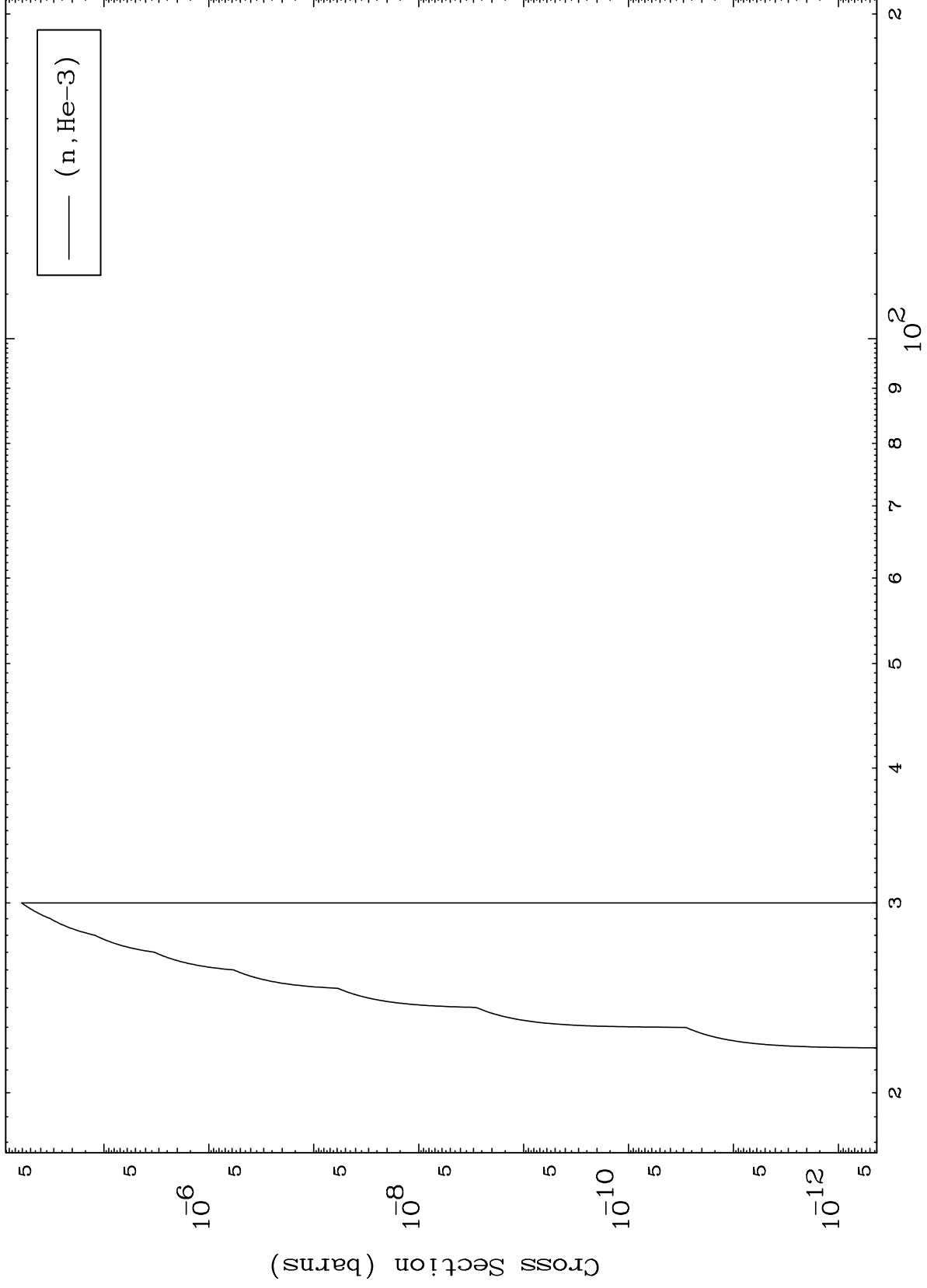
Incident Energy (MeV)

29-Cu-70n

MAT 2948

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-70n



15

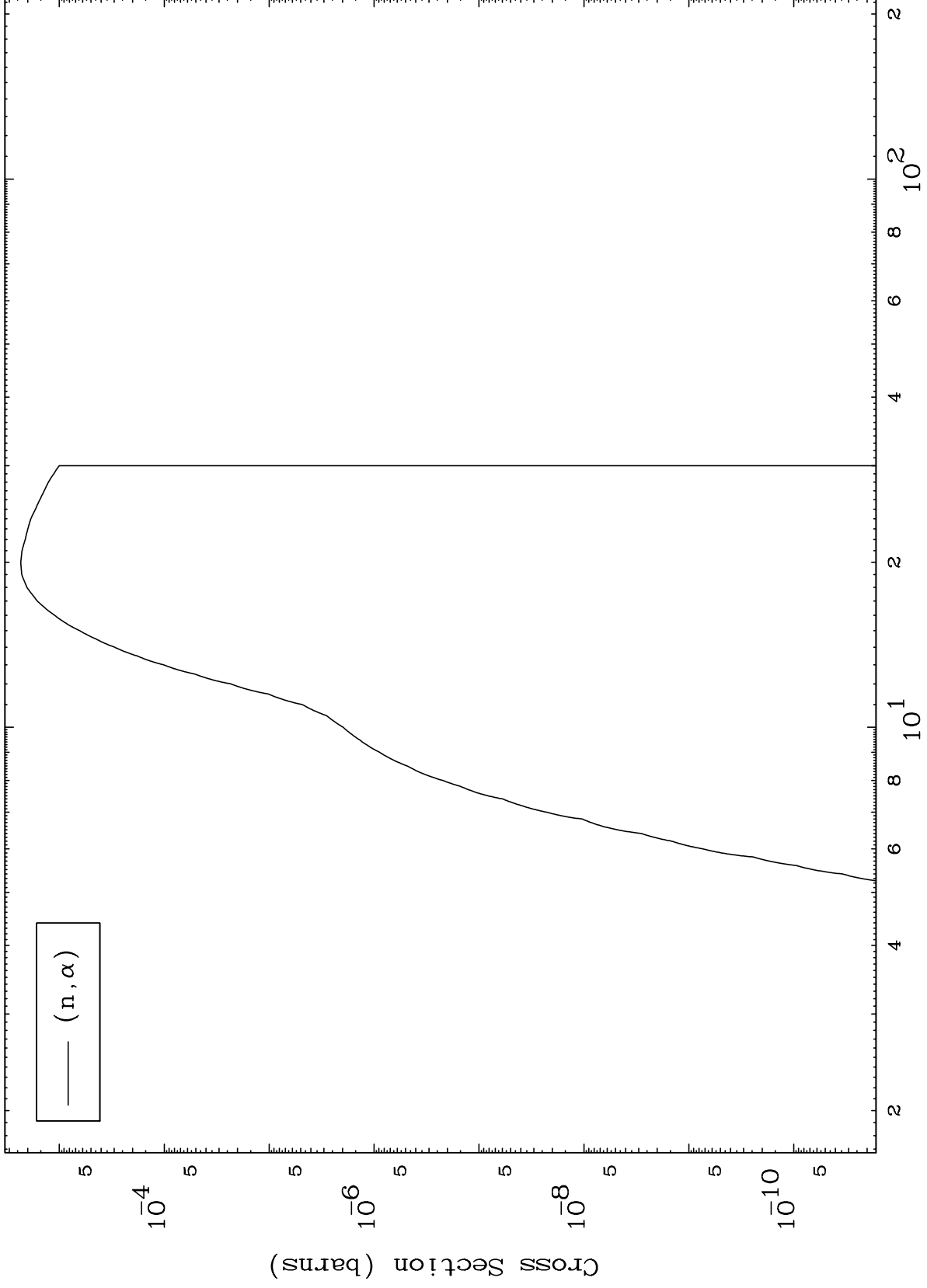
Incident Energy (MeV)

29-Cu-70n

MAT 2948

(n, α) Levels
293 Kelvin Cross Sections

29-Cu-70n



16

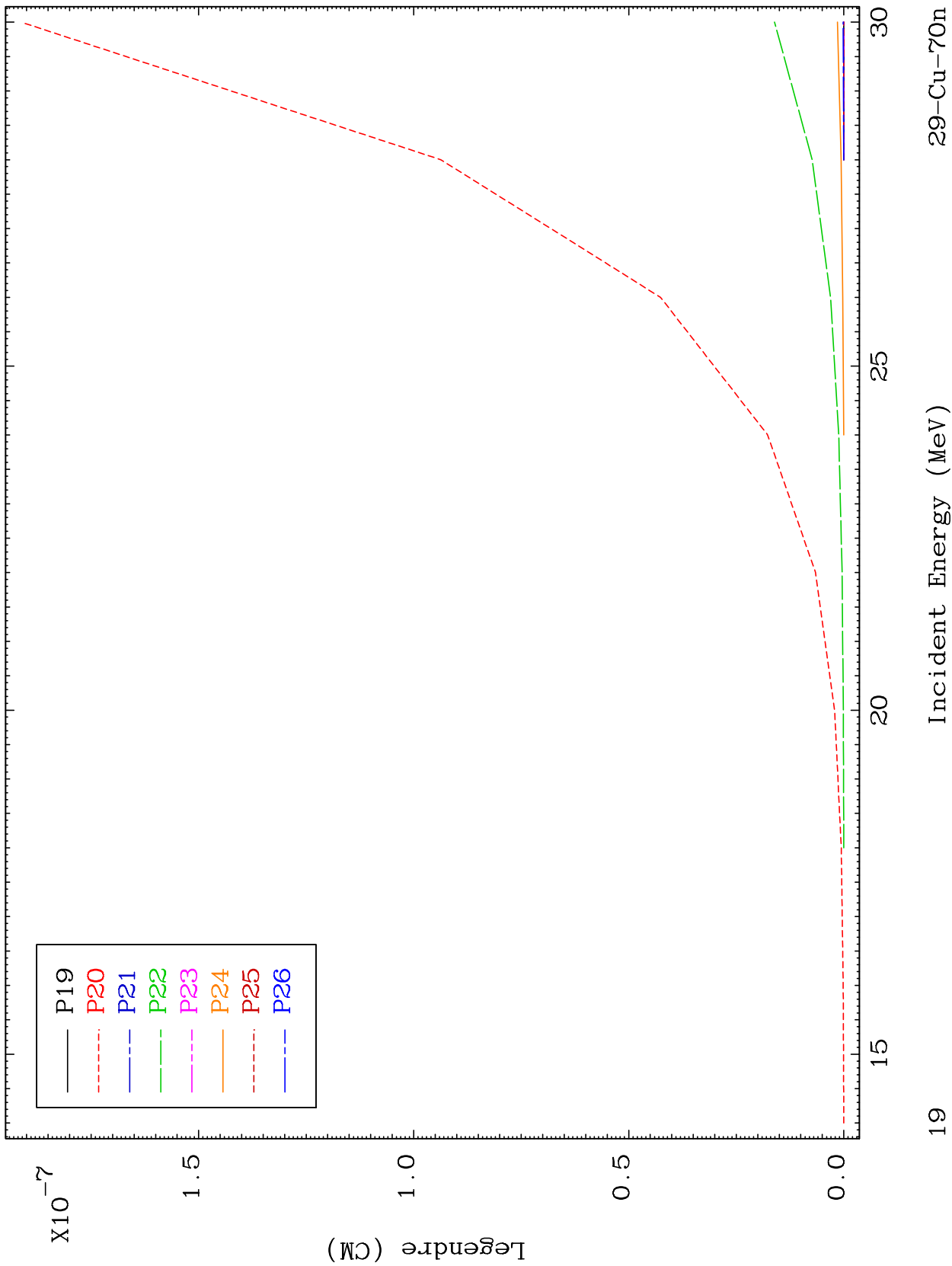
Incident Energy (MeV)

29-Cu-70n

MAT 2948

Elastic Legendre Coefficients

29-Cu-70n



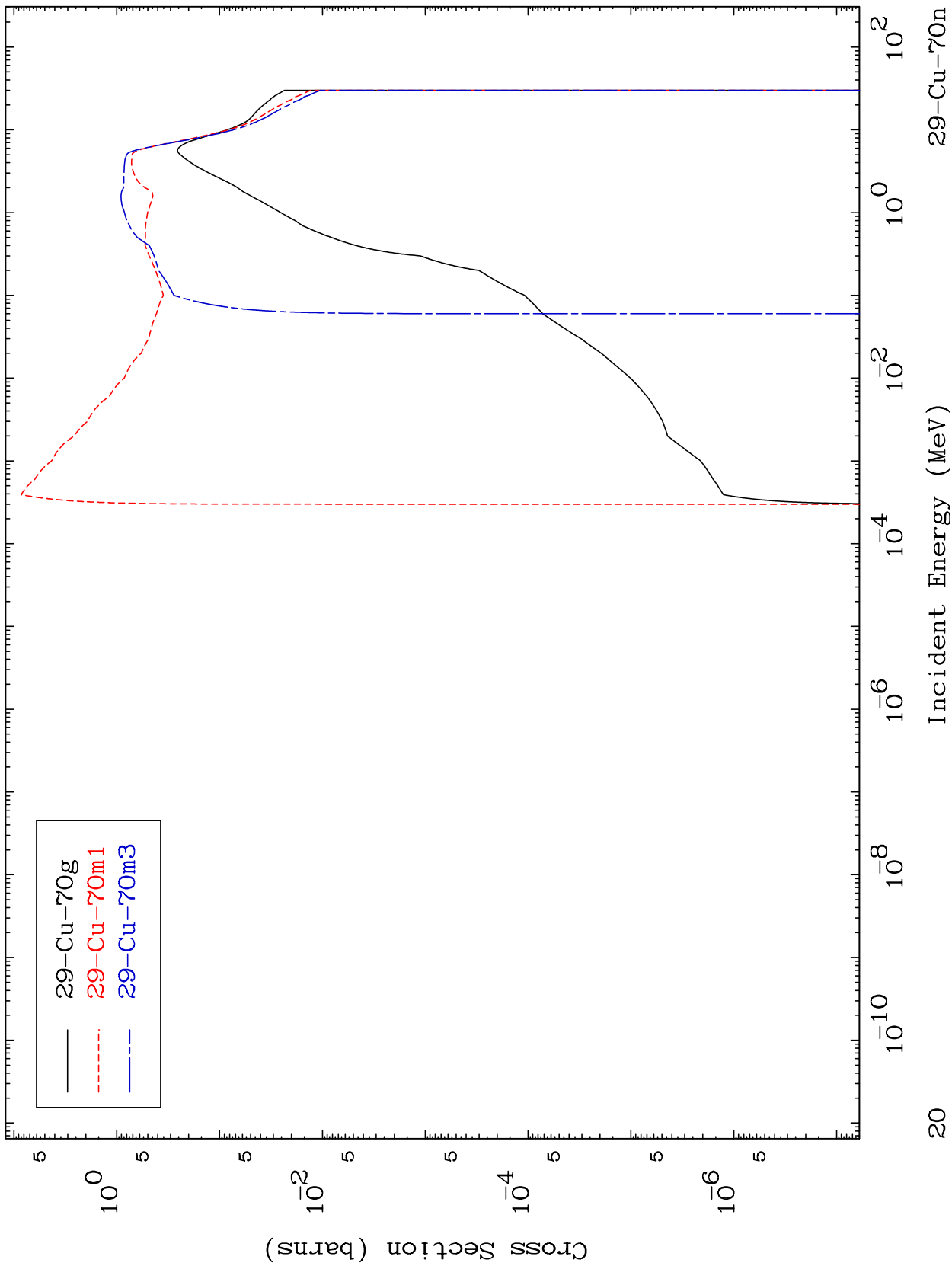
19

29-Cu-70n

MAT 2948

²⁹Cu-70n

Inelastic
Radionuclide Production Cross Section

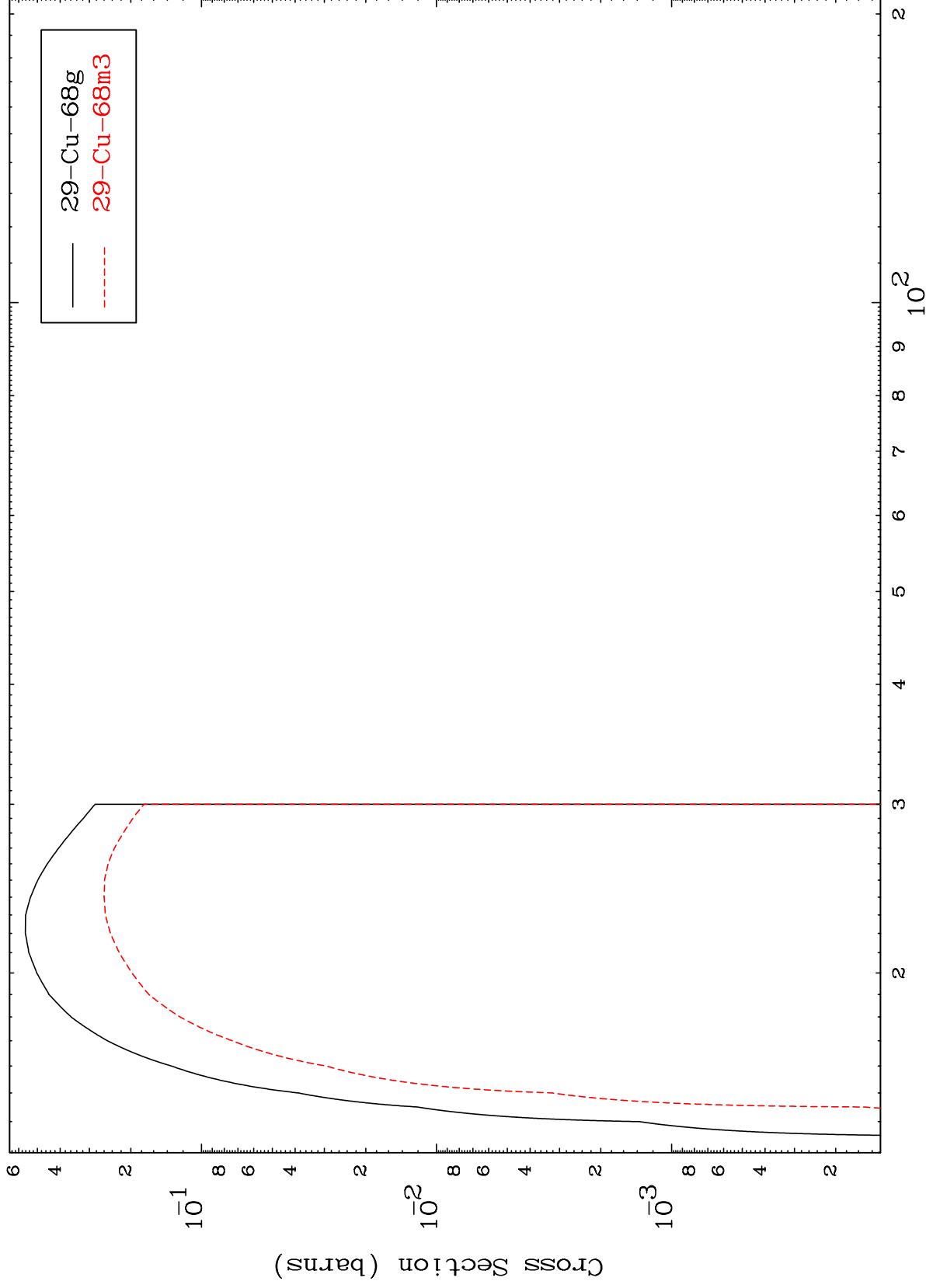


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(n,3n)

29-Cu-70n

Radionuclide Production Cross Section



21

Incident Energy (MeV)

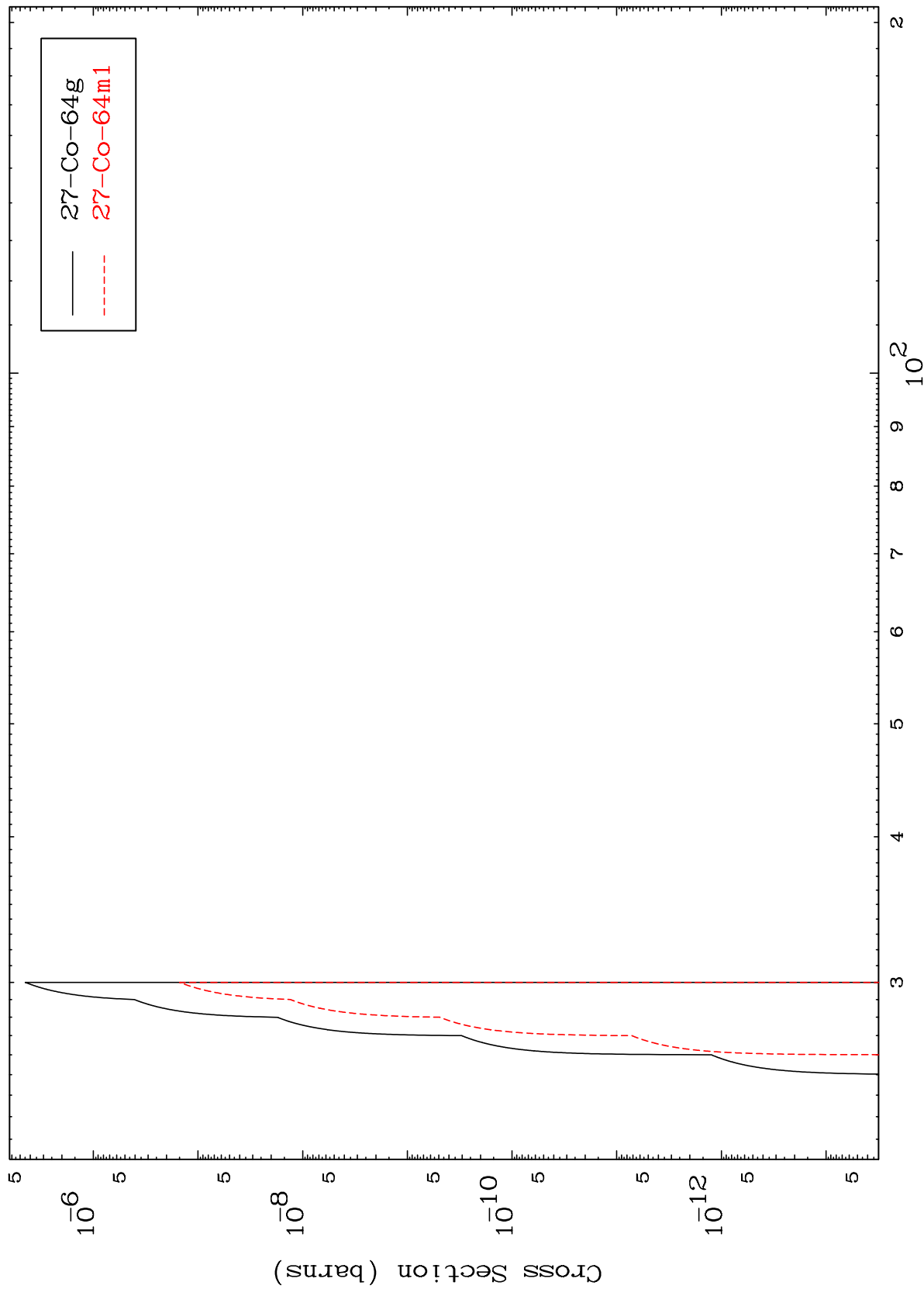
29-Cu-70n

MAT 2948

(n,3n) α

29-Cu-70n

Radionuclide Production Cross Section



22

Incident Energy (MeV)

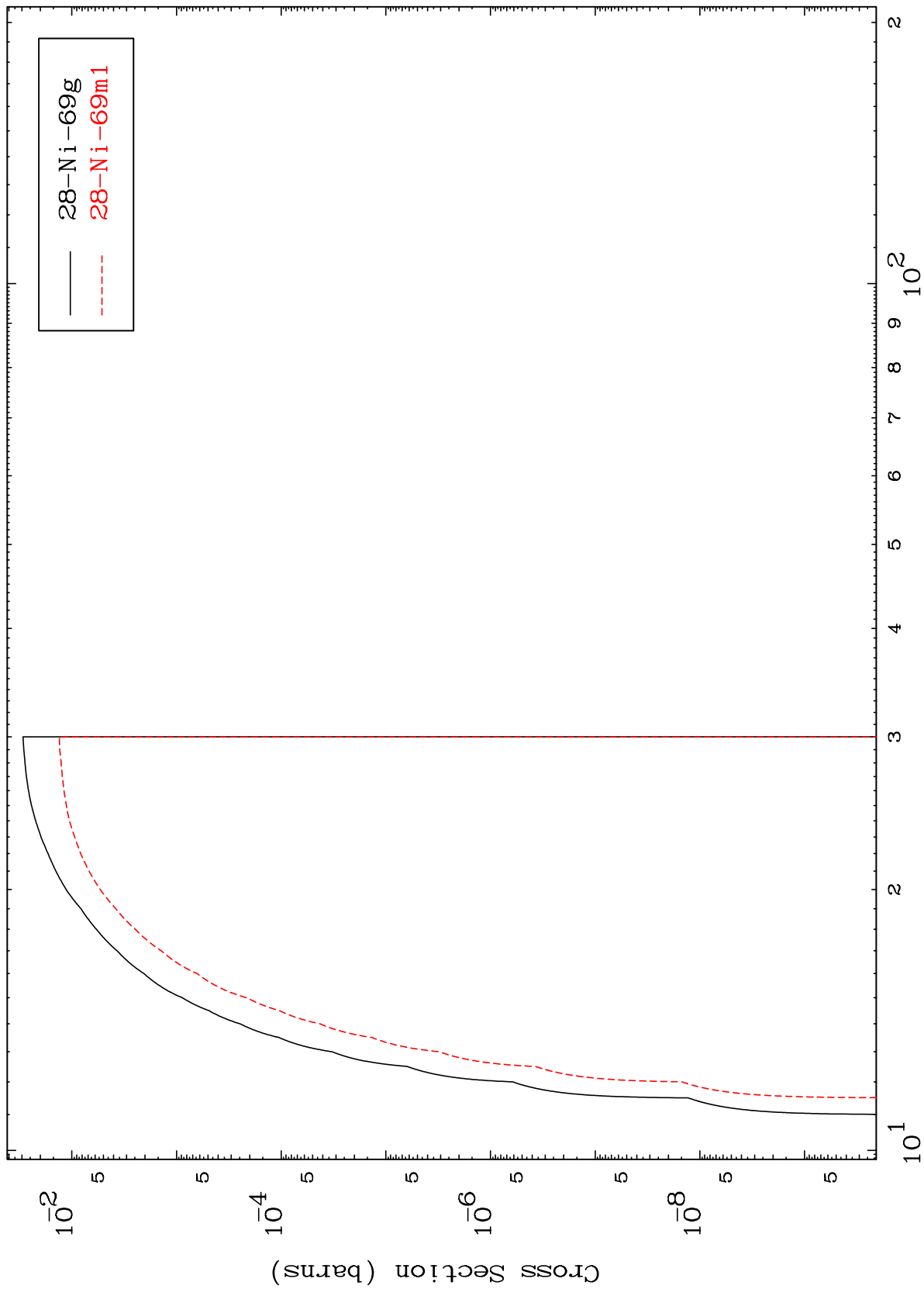
29-Cu-70n

MAT 2948

(n,n') p

29-Cu-70n

Radionuclide Production Cross Section



29-Cu-70n

Incident Energy (MeV)

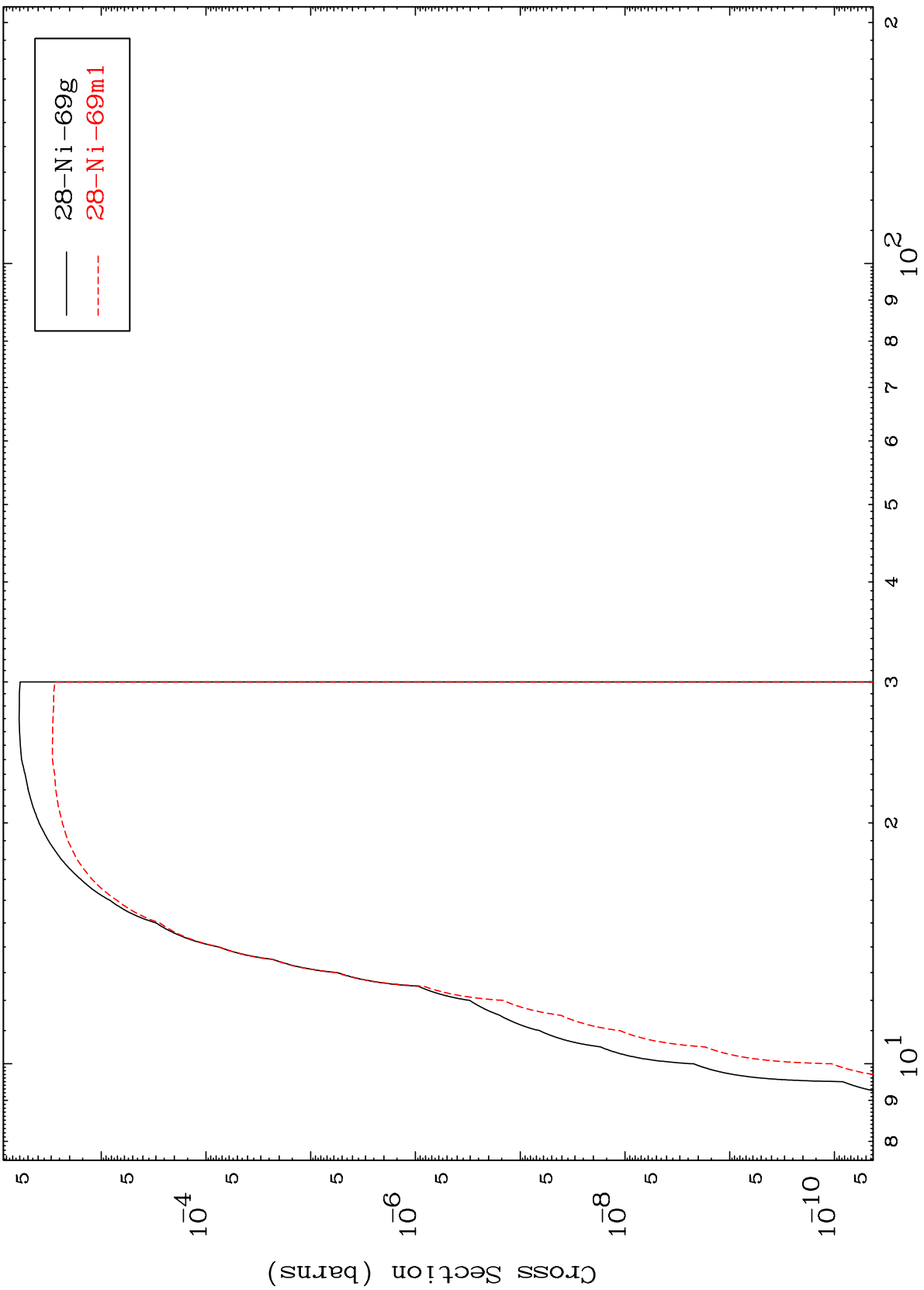
23

MAT 2948

(n,d)

29-Cu-70n

Radionuclide Production Cross Section



24

Incident Energy (MeV)

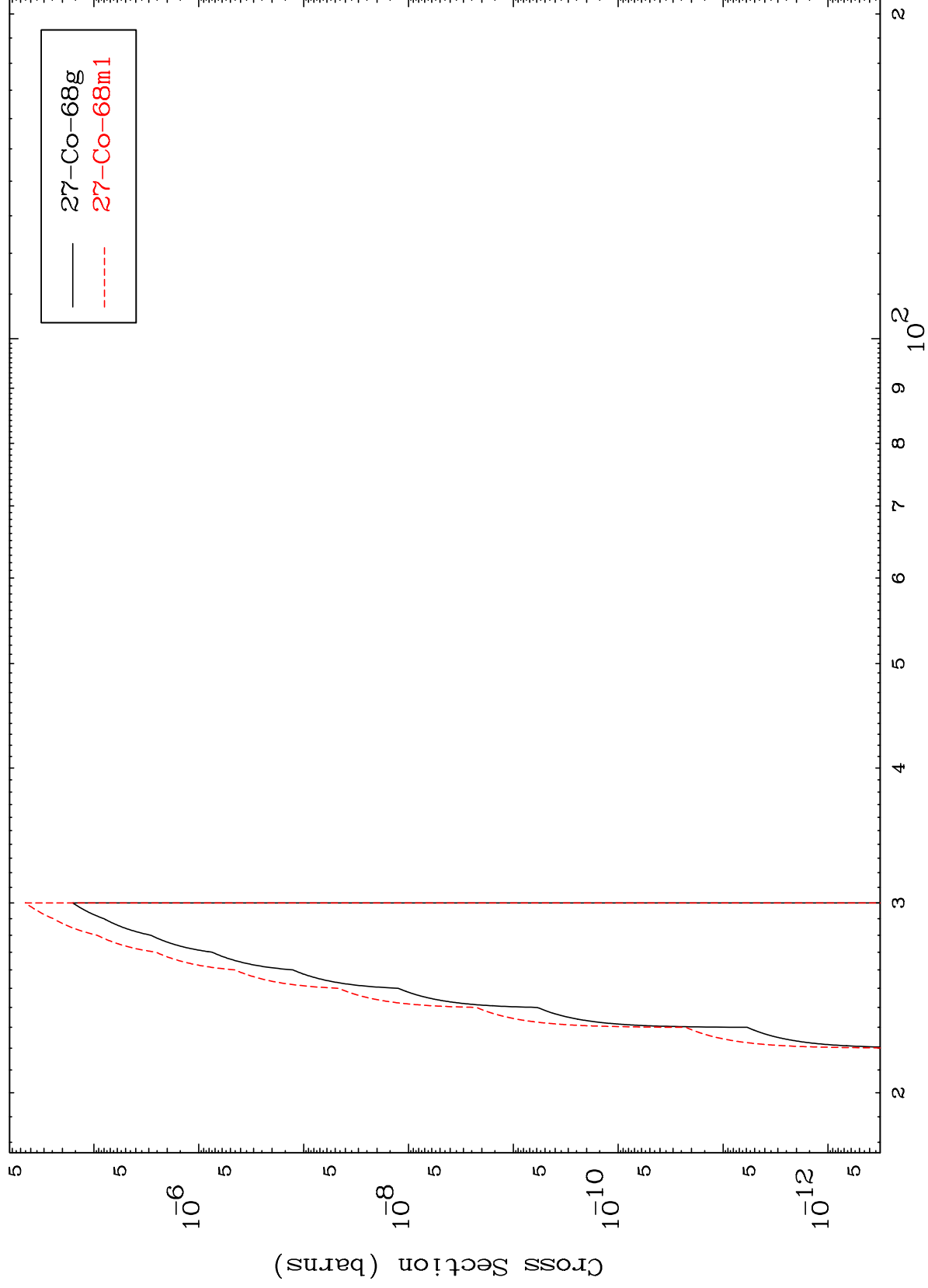
29-Cu-70n

MAT 2948

(n,He-3)

29-Cu-70n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

29-Cu-70n