

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

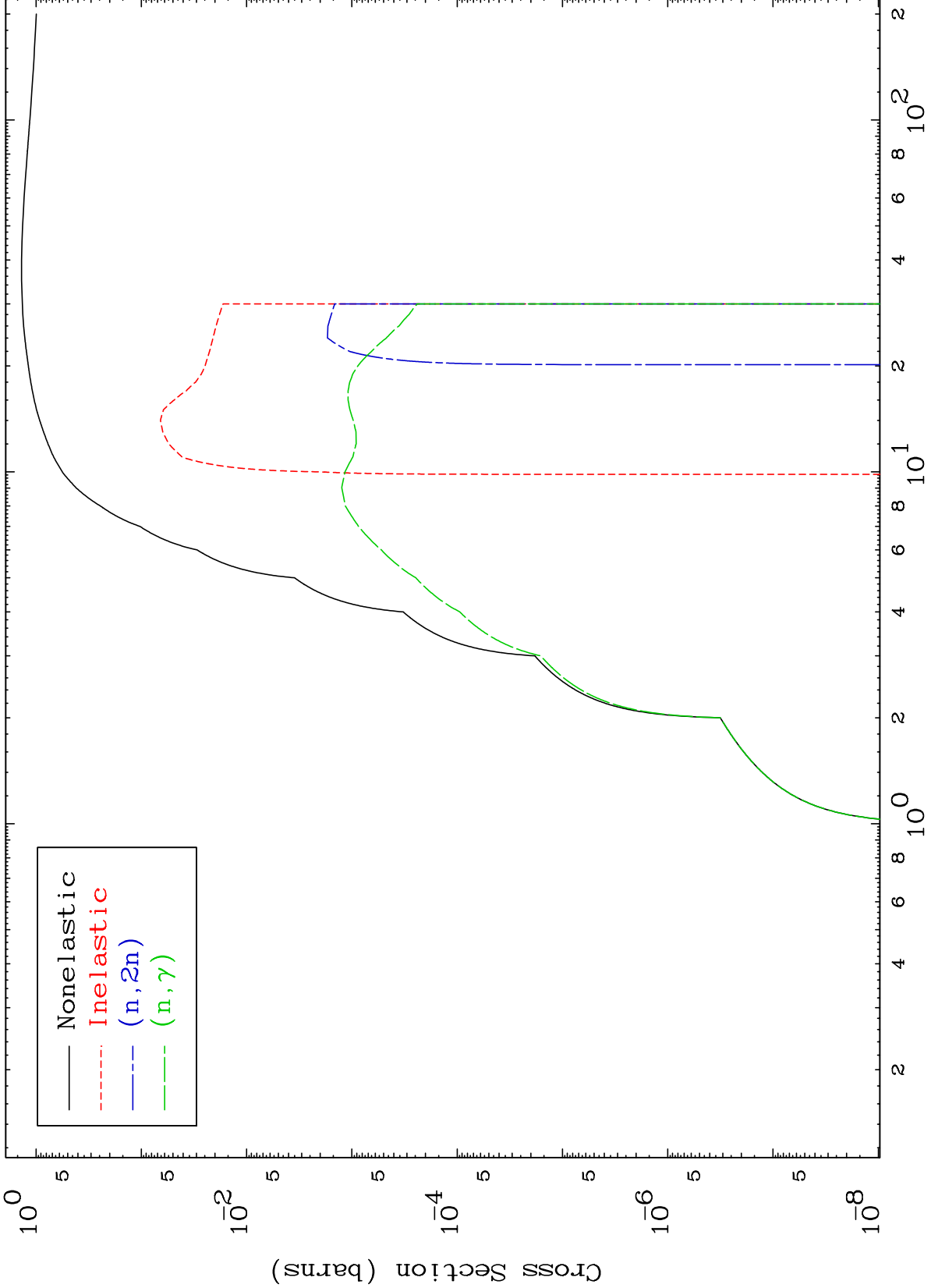
Press Mouse Button to Start

MAT 4813

Proton Major

48-Cd-102

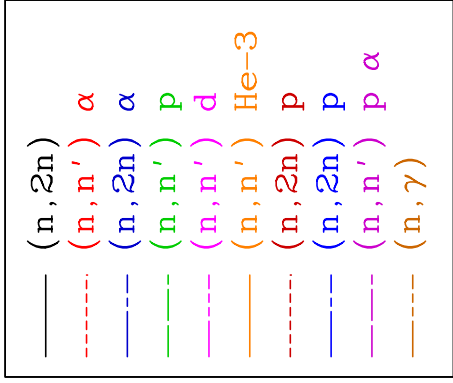
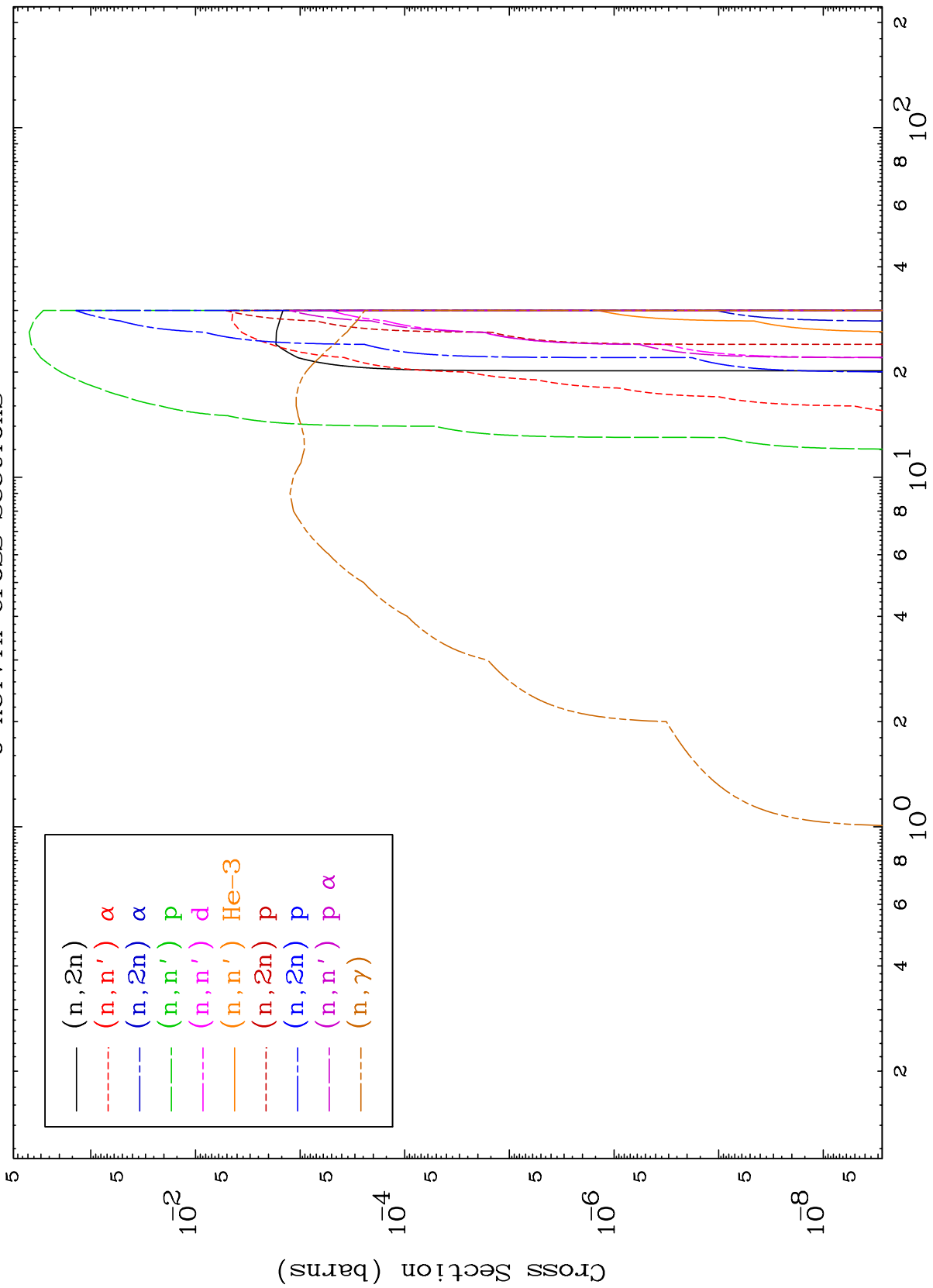
0 Kelvin Cross Sections



MAT 4813

Proton Neutron Absorption
0 Kelvin Cross Sections

48-Cd-102



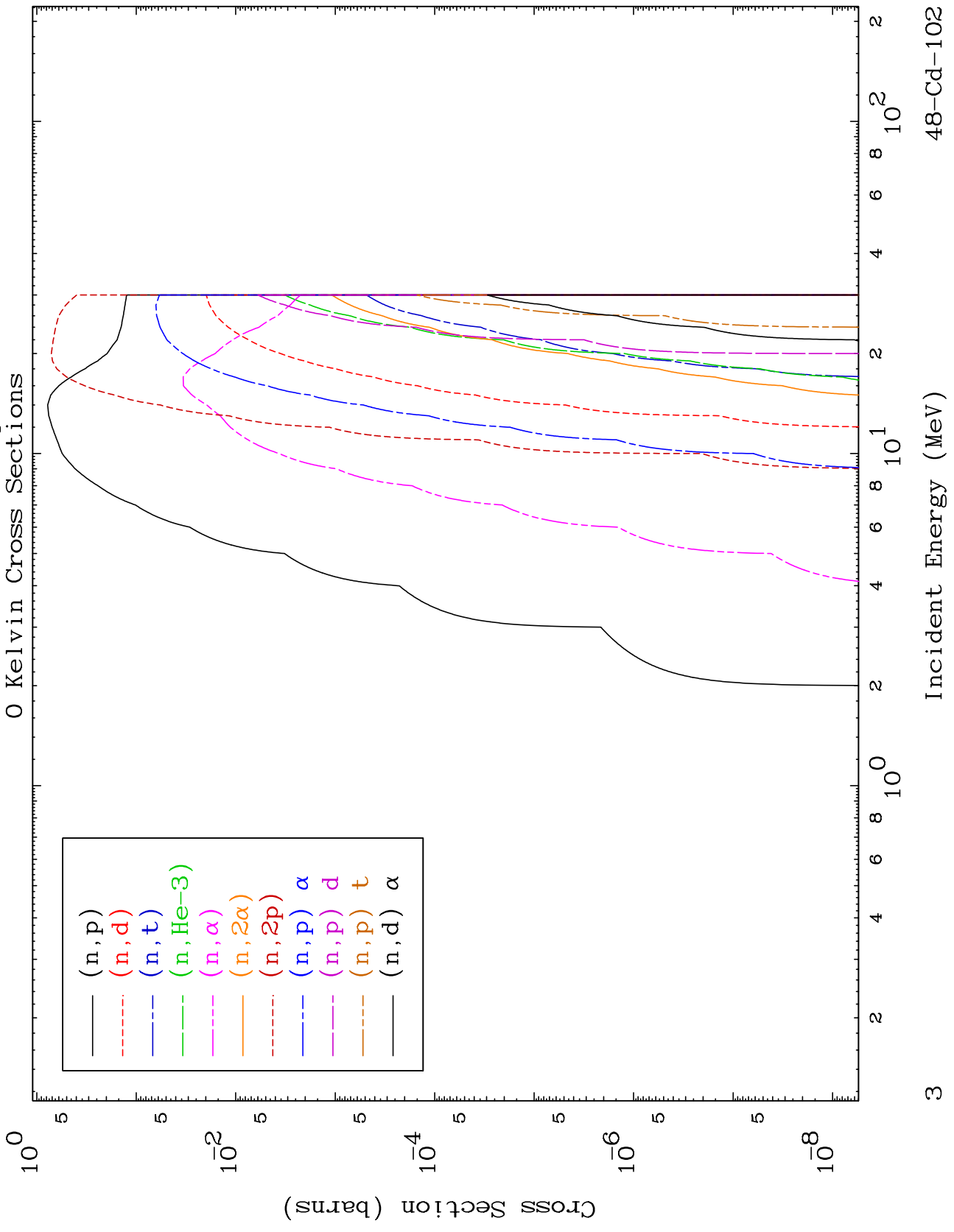
48-Cd-102

Incident Energy (MeV)

MAT 4813

Proton Neutron Absorption
0 Kelvin Cross Sections

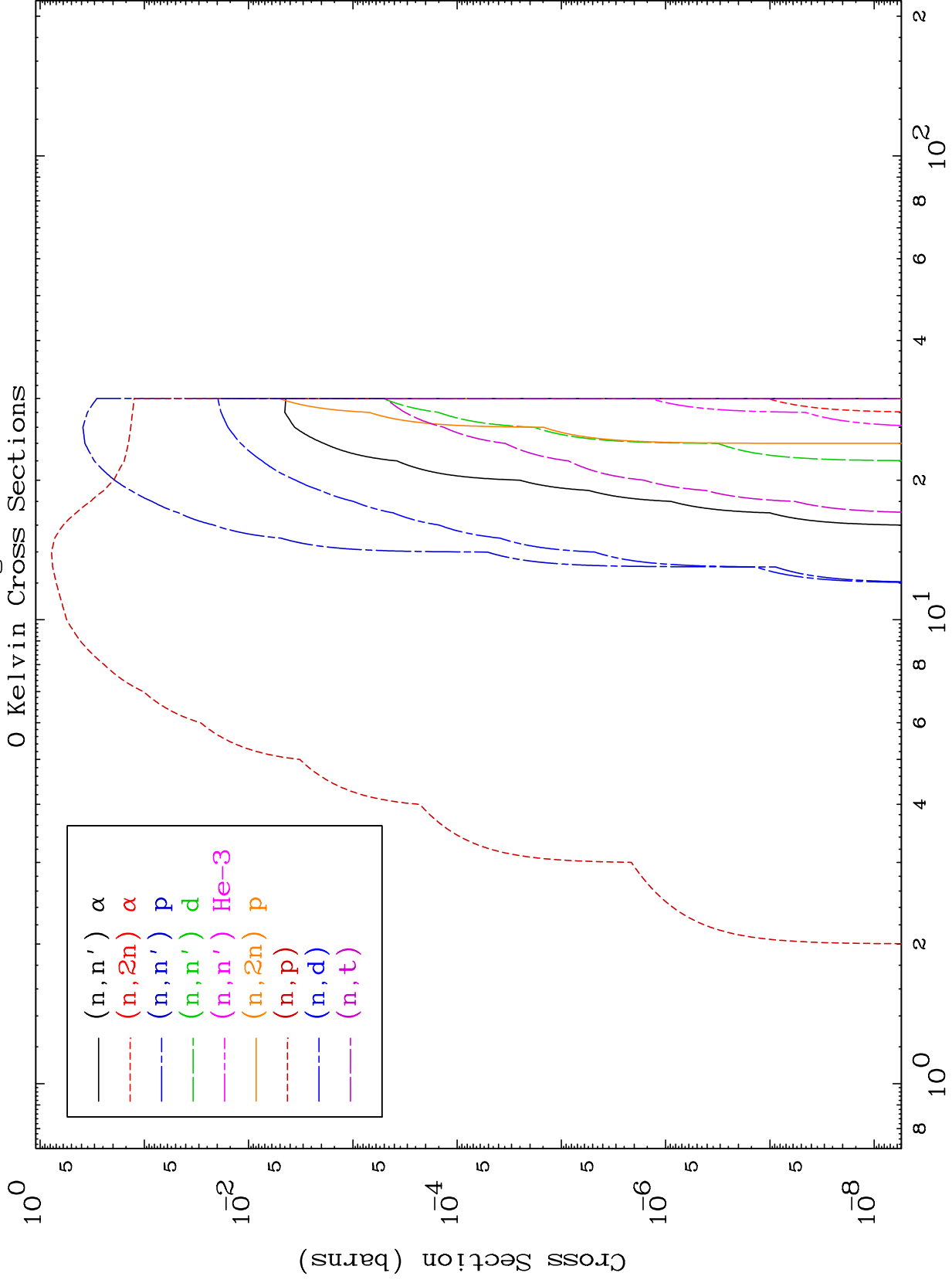
48-Cd-102



MAT 4813

Proton Charged Particle
0 Kelvin Cross Sections

48-Cd-102



4

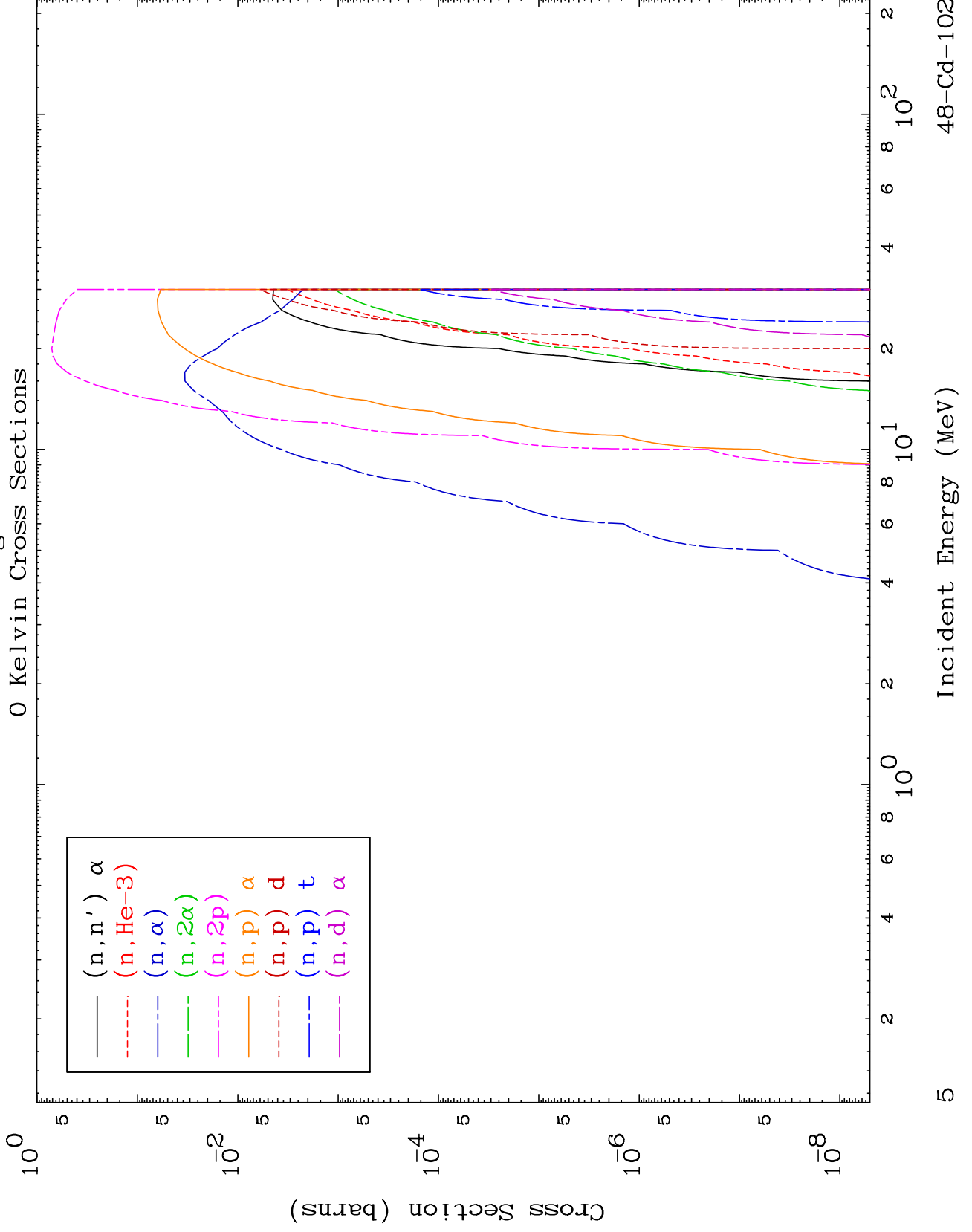
Incident Energy (MeV)

48-Cd-102

MAT 4813

Proton Charged Particle
0 Kelvin Cross Sections

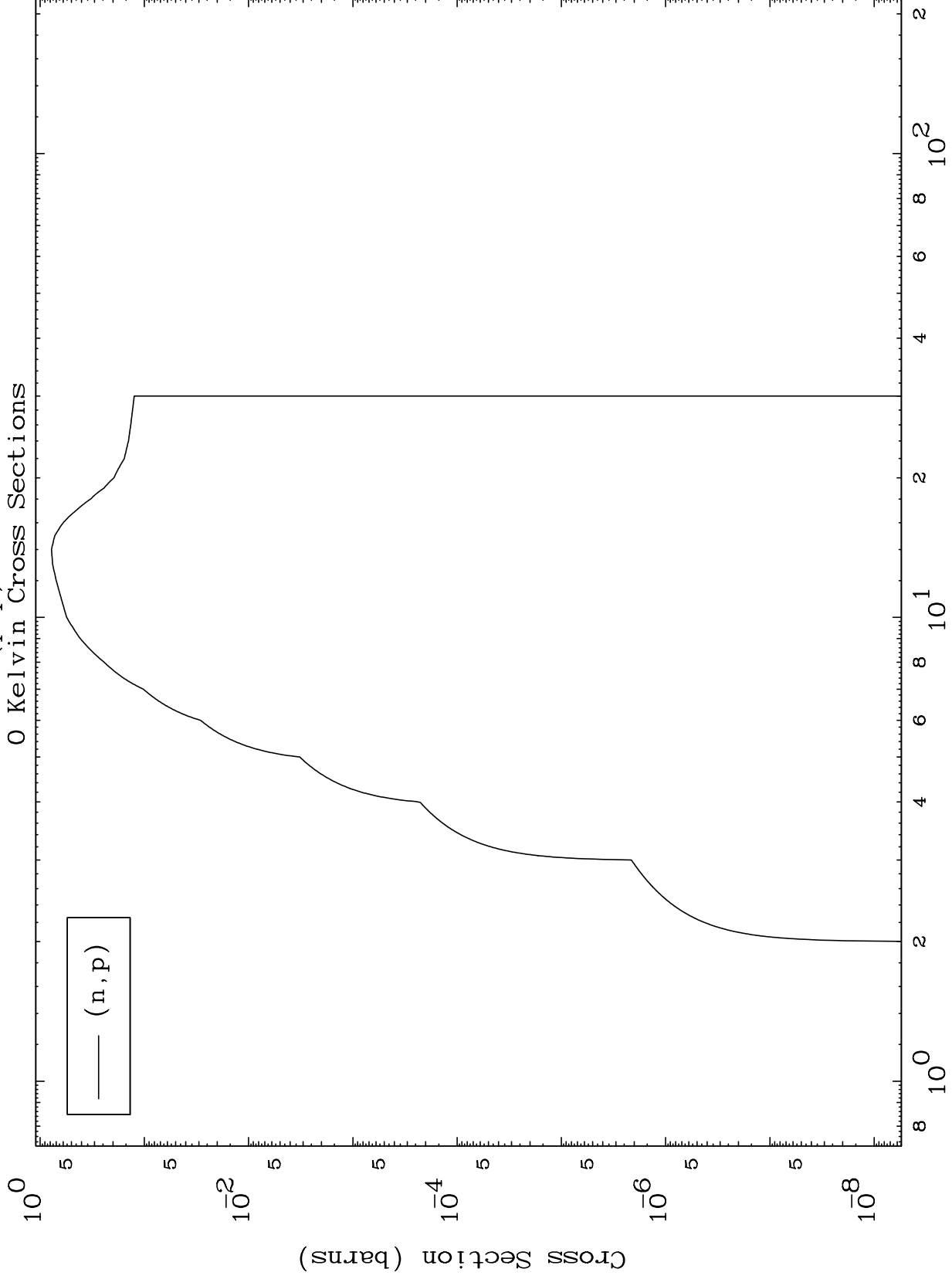
48-Cd-102



MAT 4813

(p,p) Levels

48-Cd-102



Incident Energy (MeV)

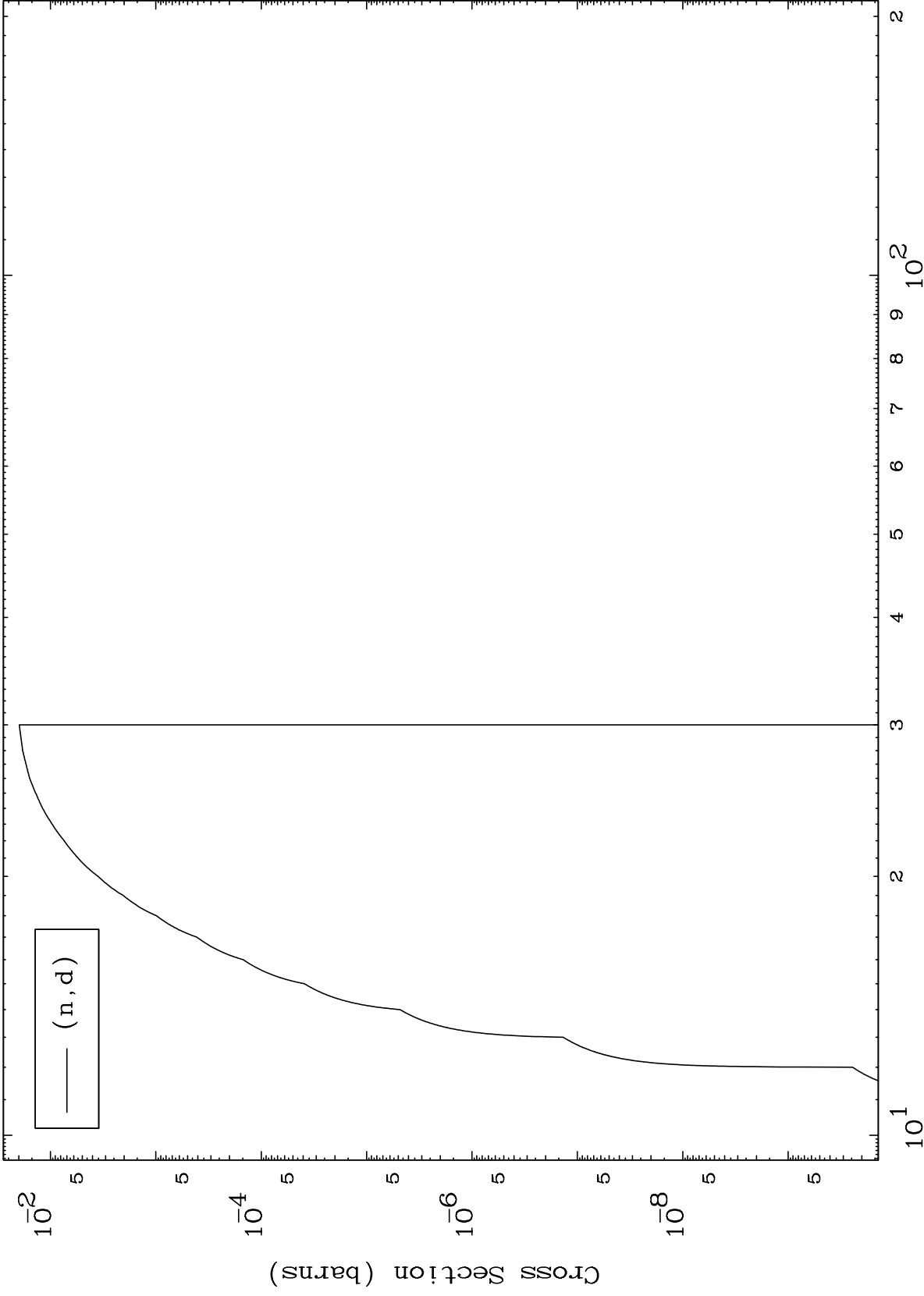
48-Cd-102

6

MAT 4813

(p,d) Levels
0 Kelvin Cross Sections

48-Cd-102

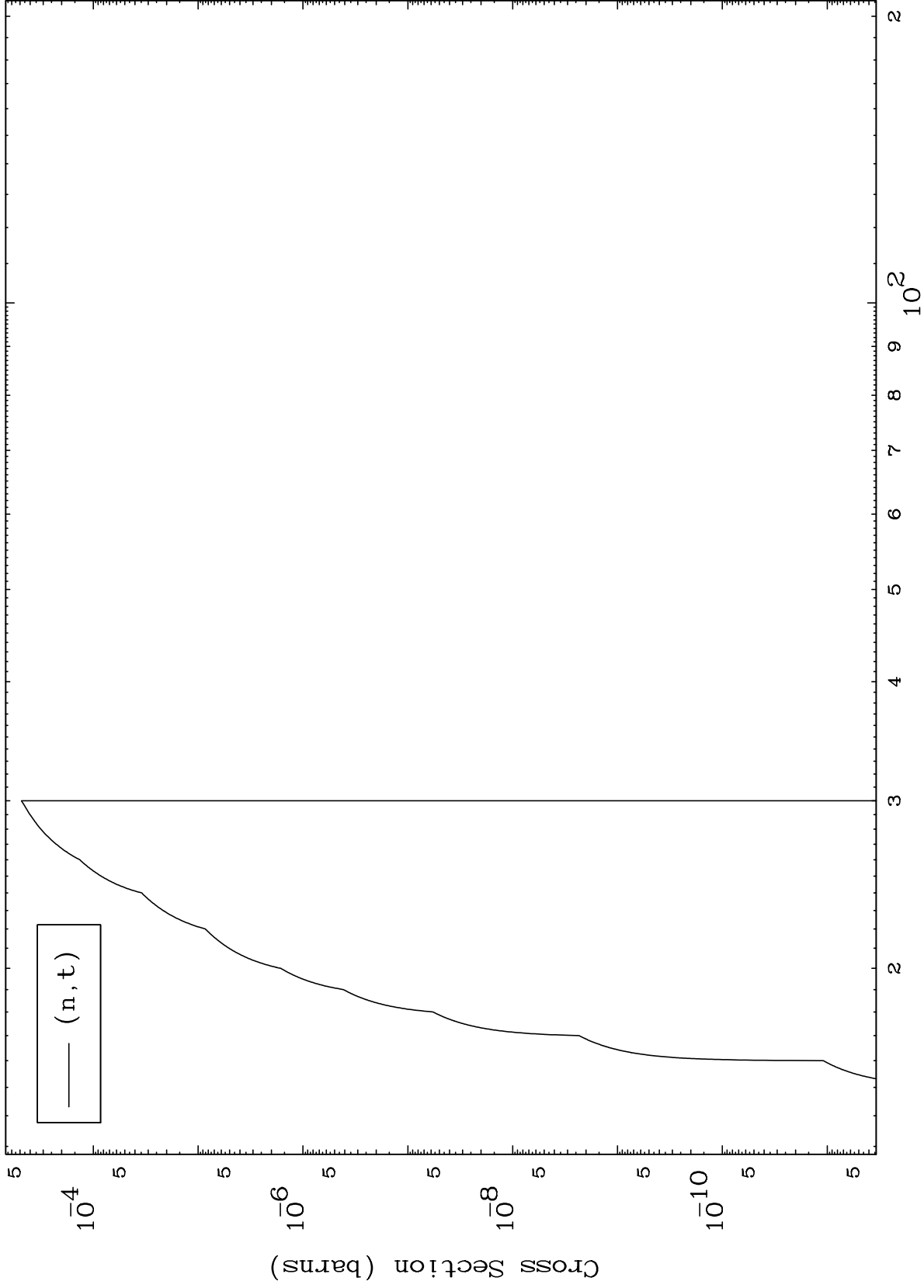


48-Cd-102

MAT 4813

(p,t) Levels
0 Kelvin Cross Sections

48-Cd-102



8

Incident Energy (MeV)

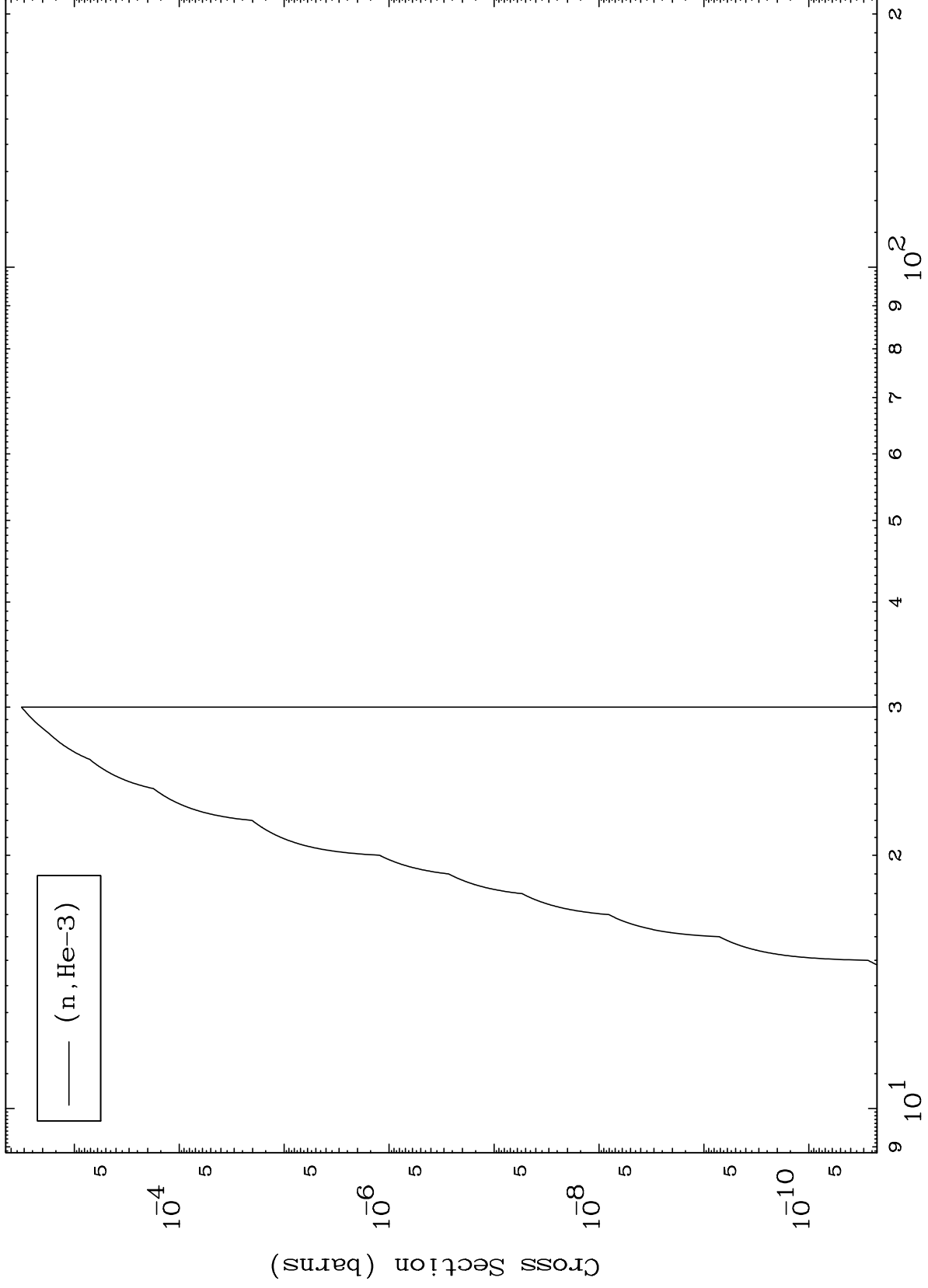
48-Cd-102

MAT 4813

(p,He3) Levels

48-Cd-102

0 Kelvin Cross Sections



9

Incident Energy (MeV)

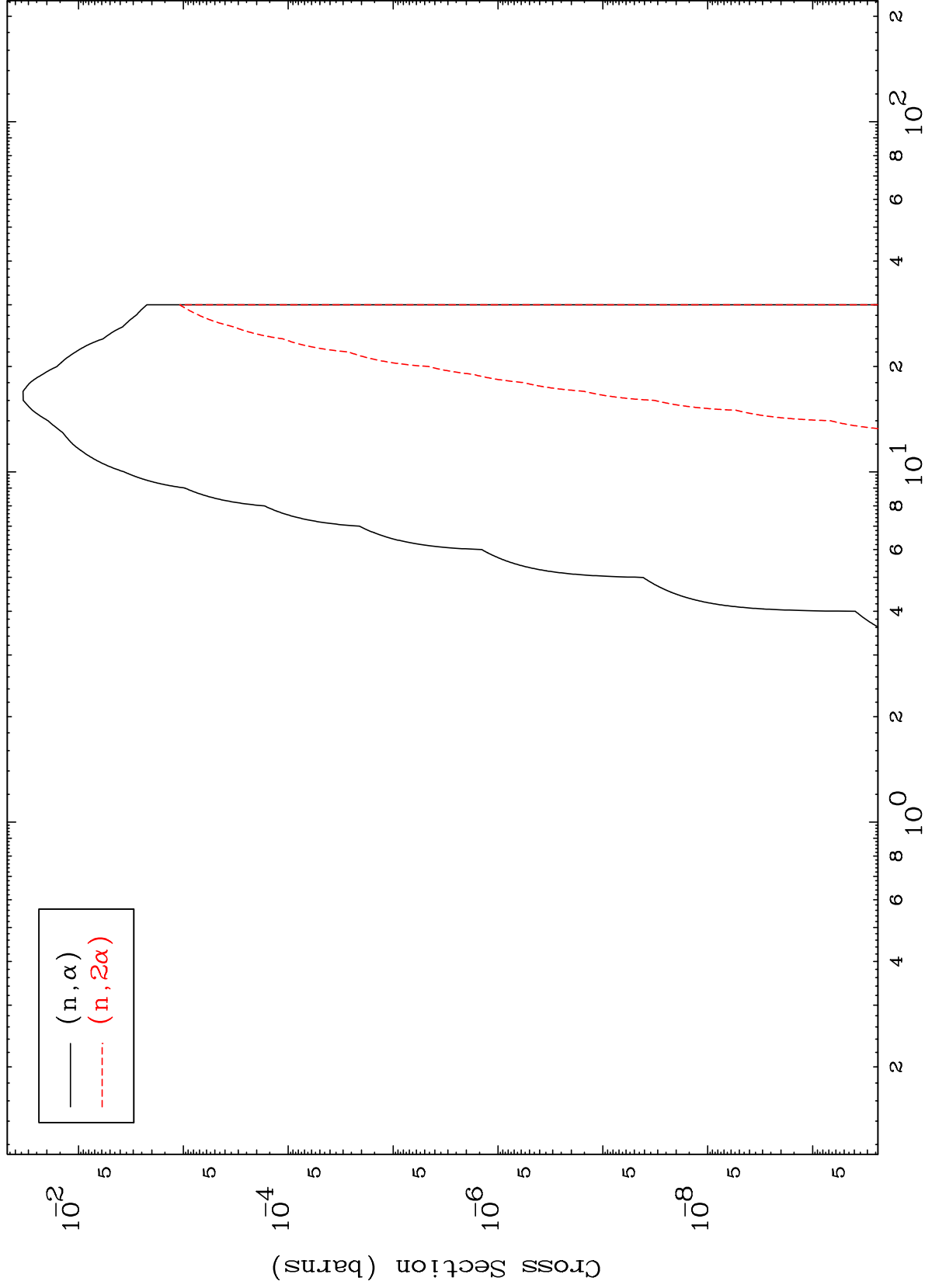
48-Cd-102

MAT 4813

(p, α) Levels

48-Cd-102

0 Kelvin Cross Sections



10

Incident Energy (MeV)

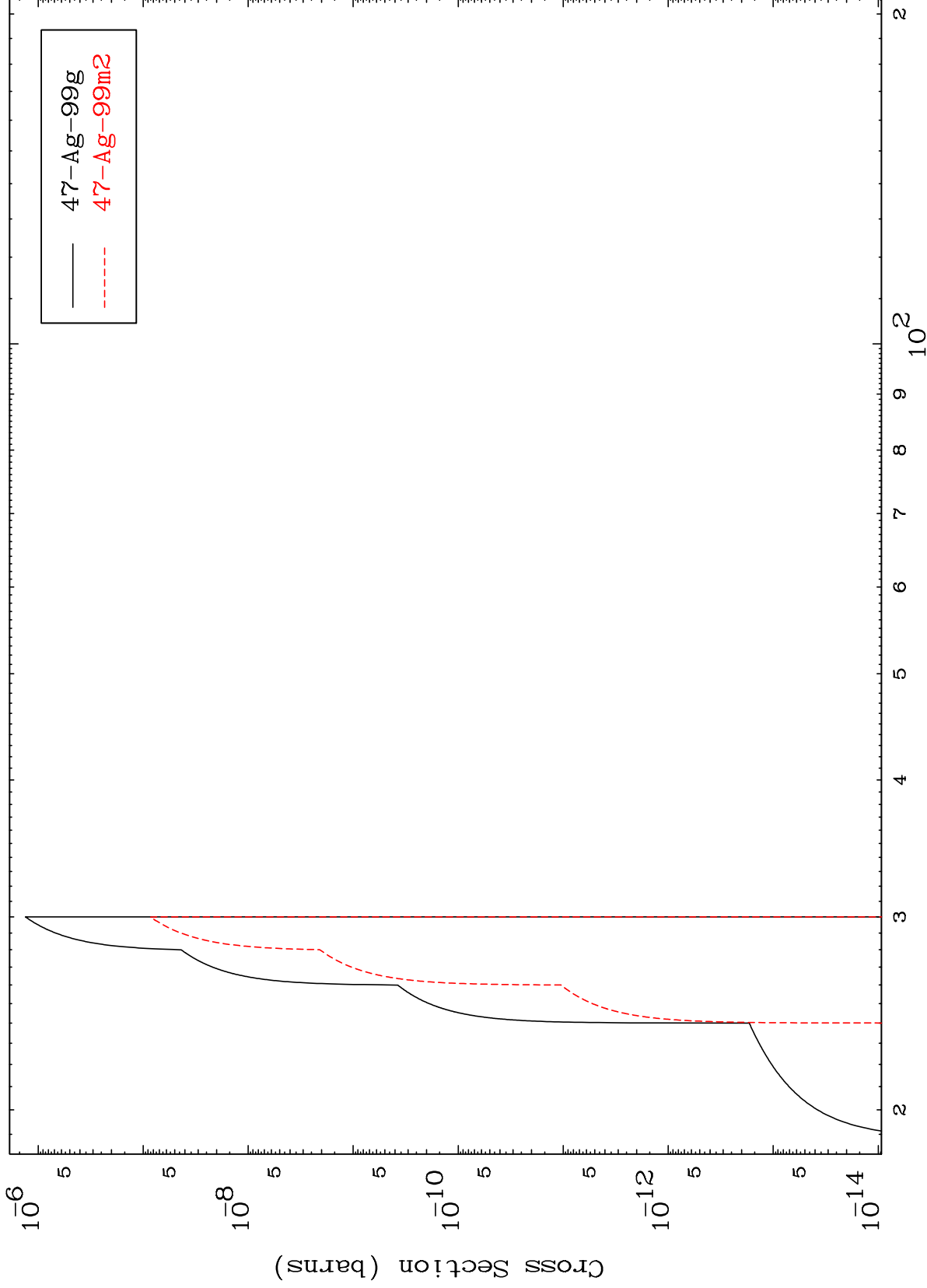
48-Cd-102

MAT 4813

(n,n') He-3

48-Cd-102

Radionuclide Production Cross Section



11

Incident Energy (MeV)

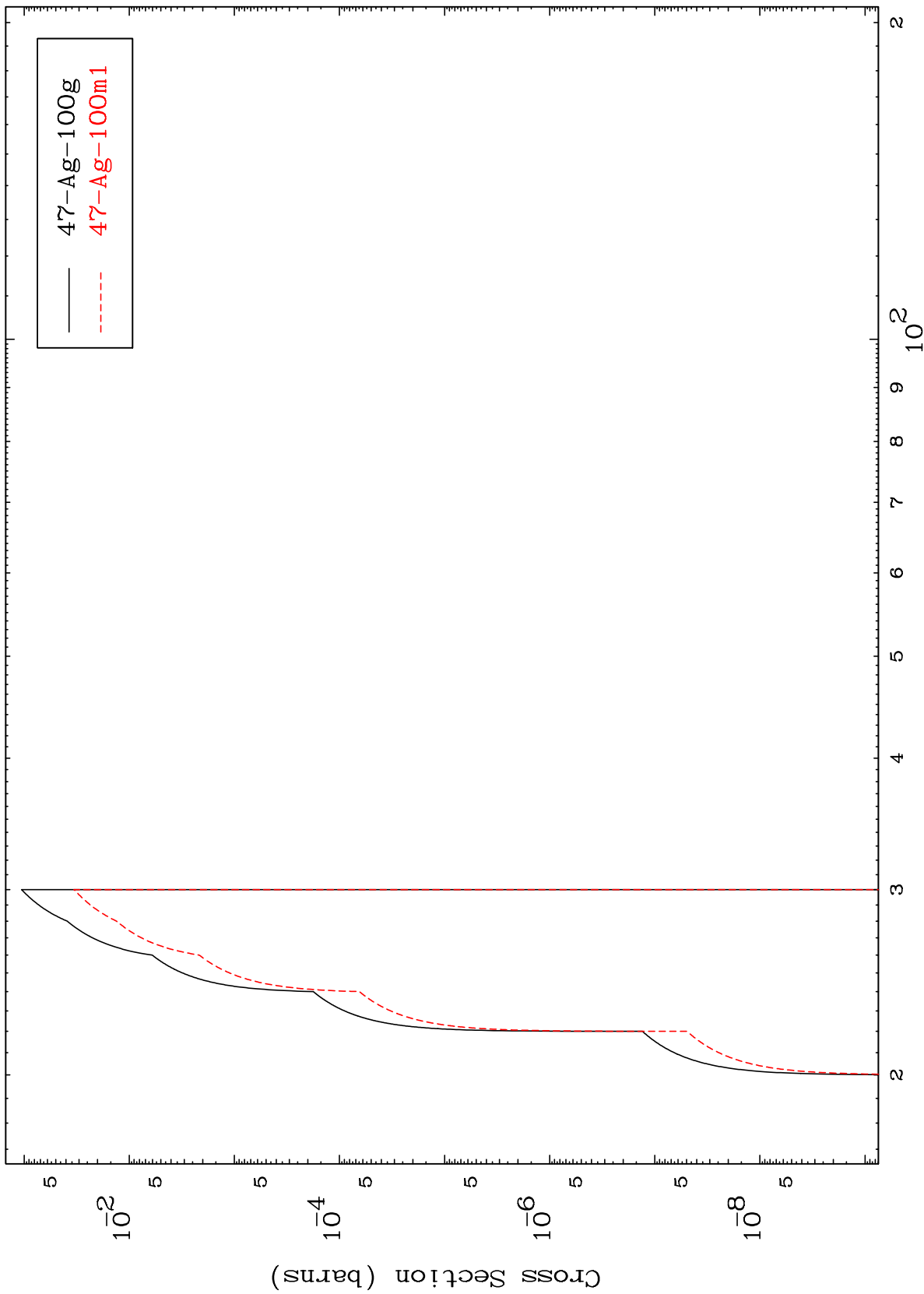
48-Cd-102

MAT 4813

(n,2n) p

48-Cd-102

Radionuclide Production Cross Section



12

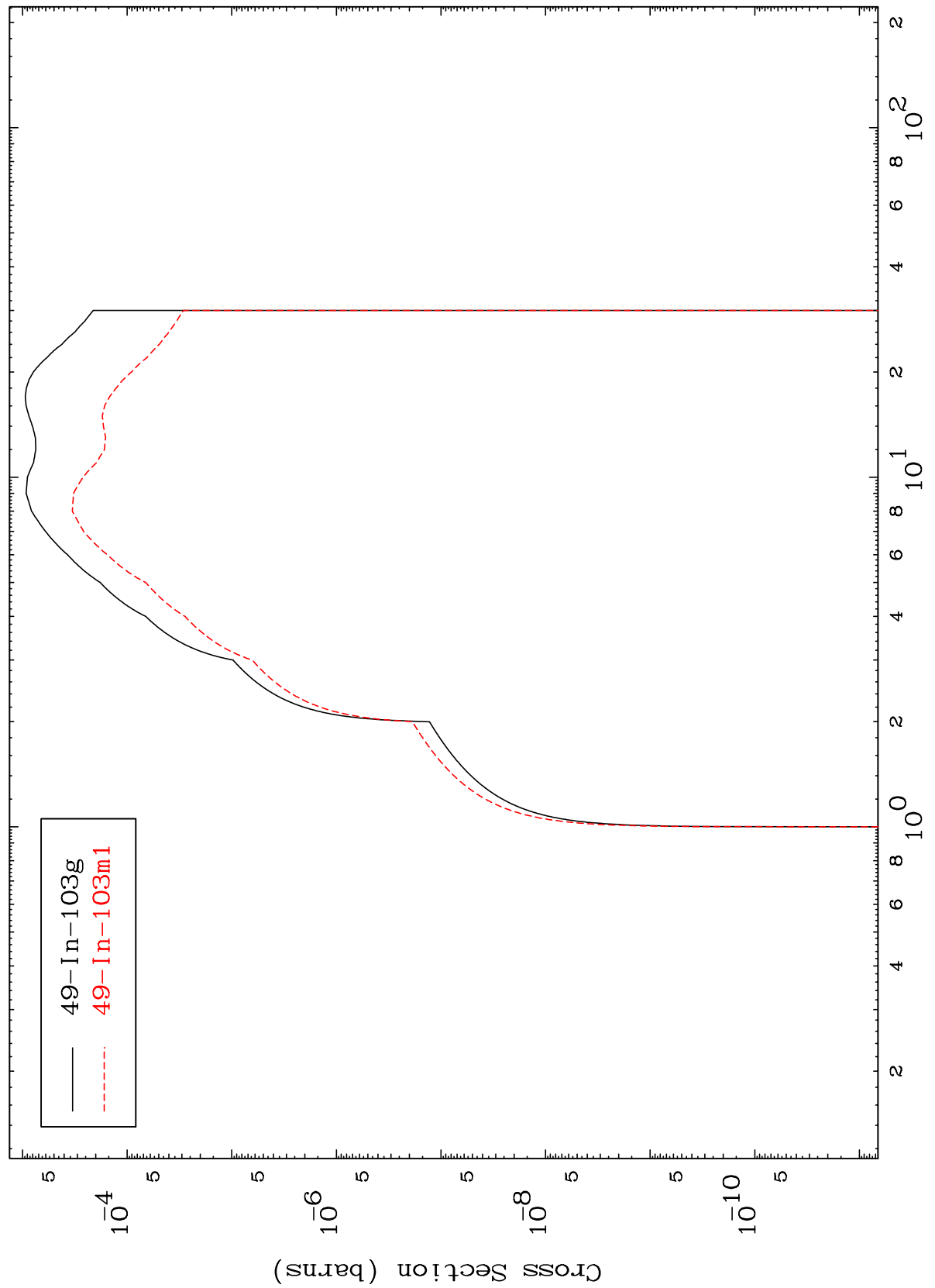
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n, γ)
Radionuclide Production Cross Section

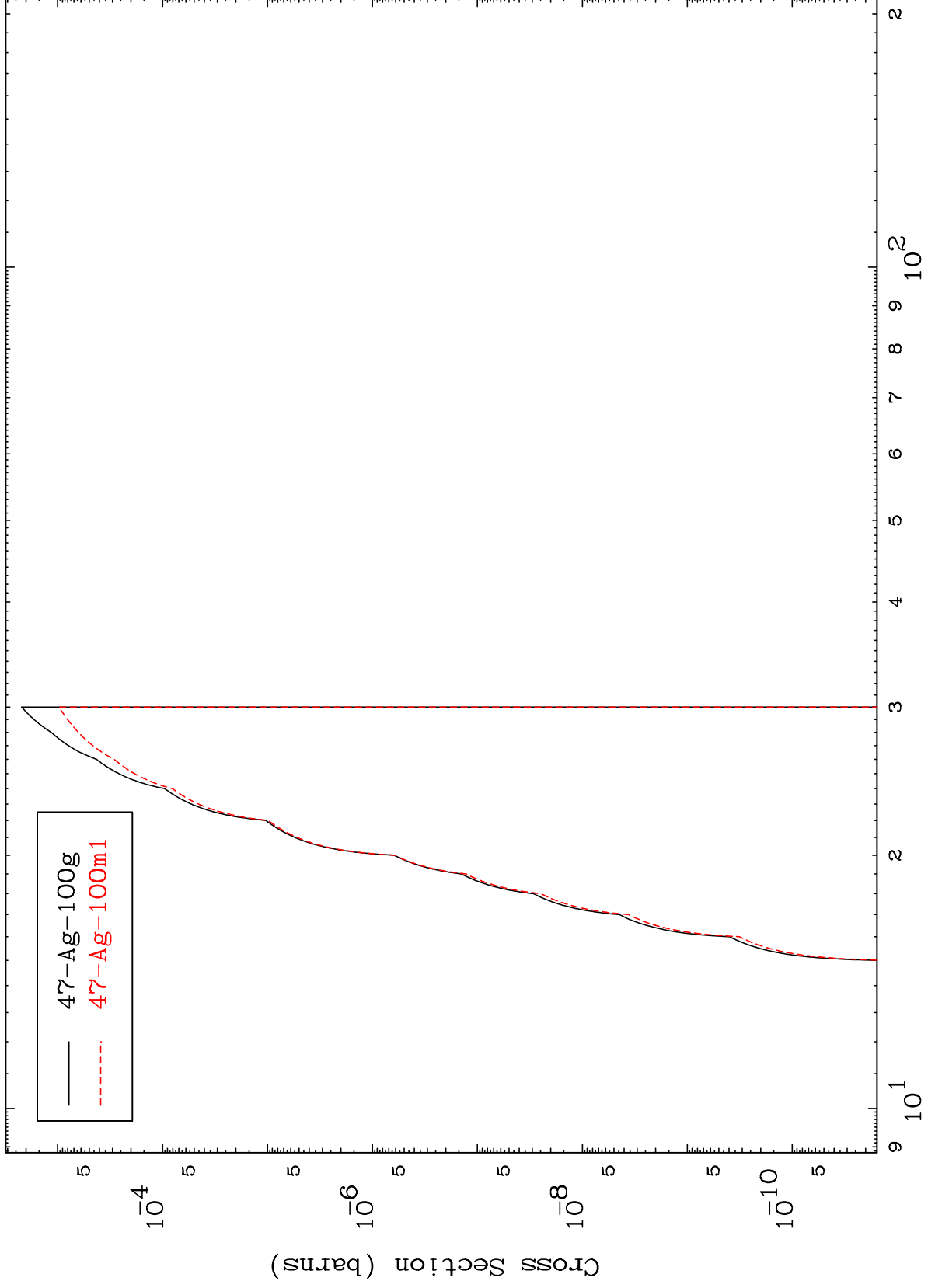


MAT 4813

(n,He-3)

48-Cd-102

Radionuclide Production Cross Section



14

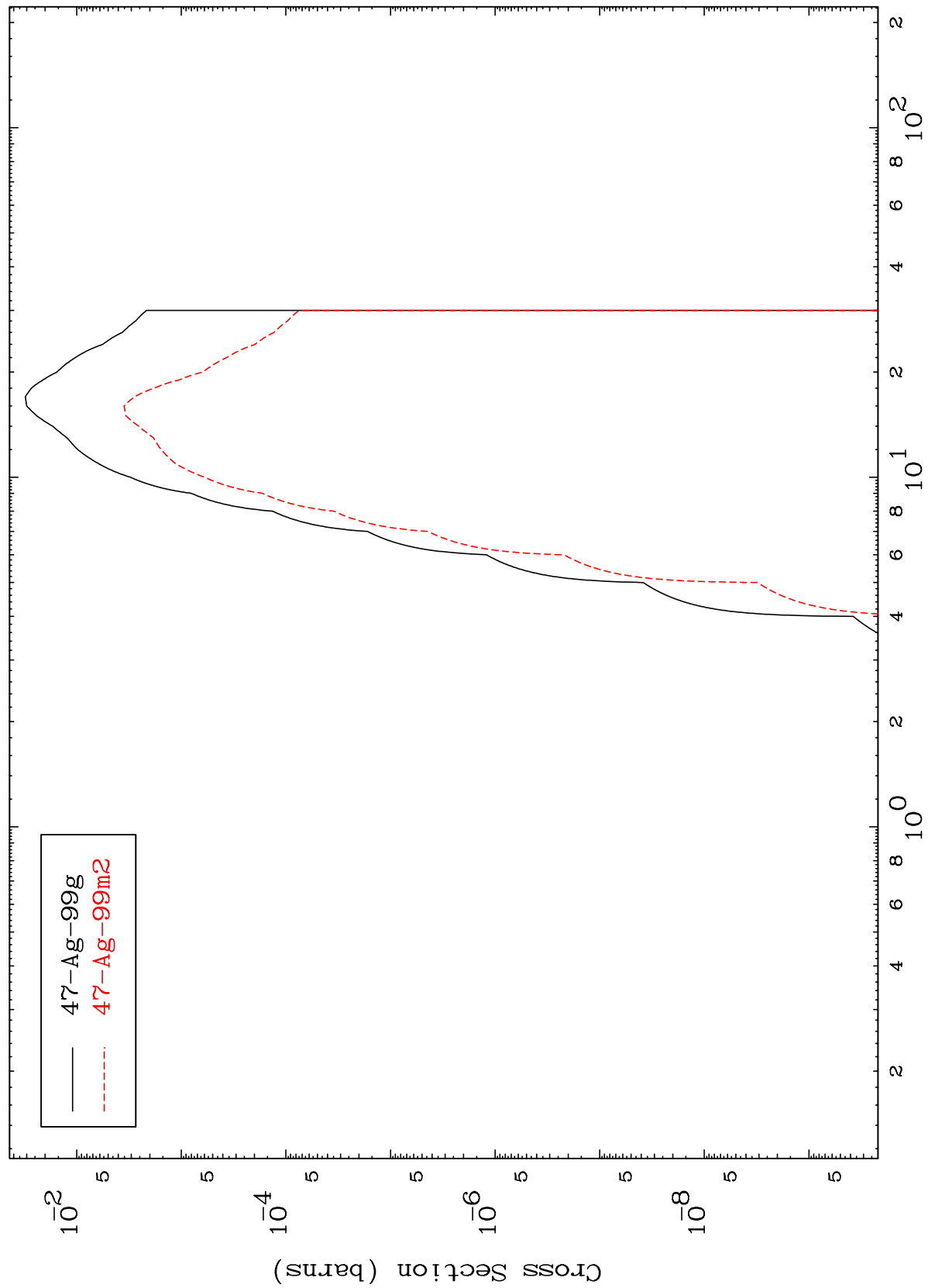
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

Radionuclide Production Cross Section
(n, α)



— 47-Ag-99g
- - - 47-Ag-99m2

15

48-Cd-102

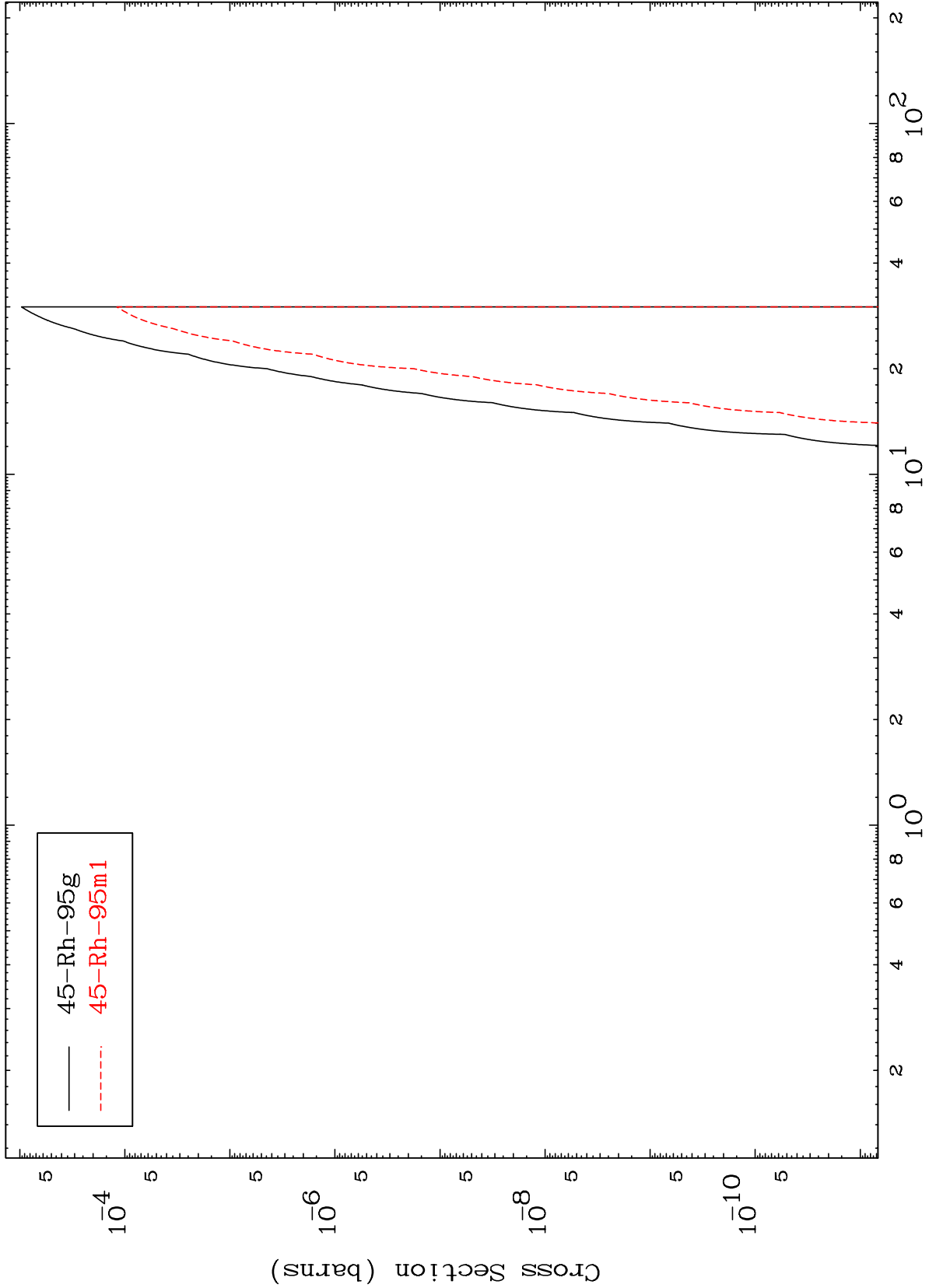
Incident Energy (MeV)

MAT 4813

(n,2α)

48-Cd-102

Radionuclide Production Cross Section



16

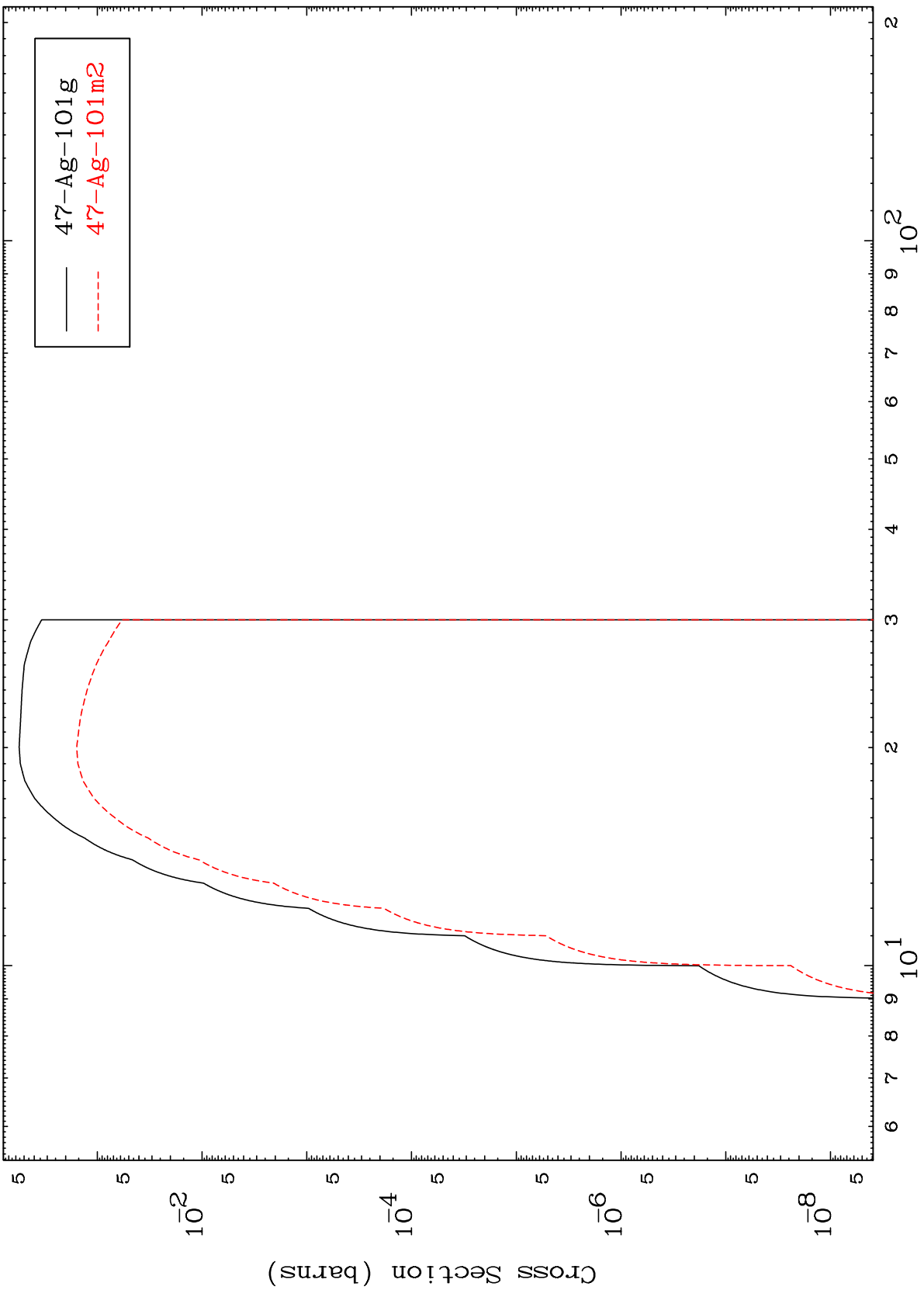
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

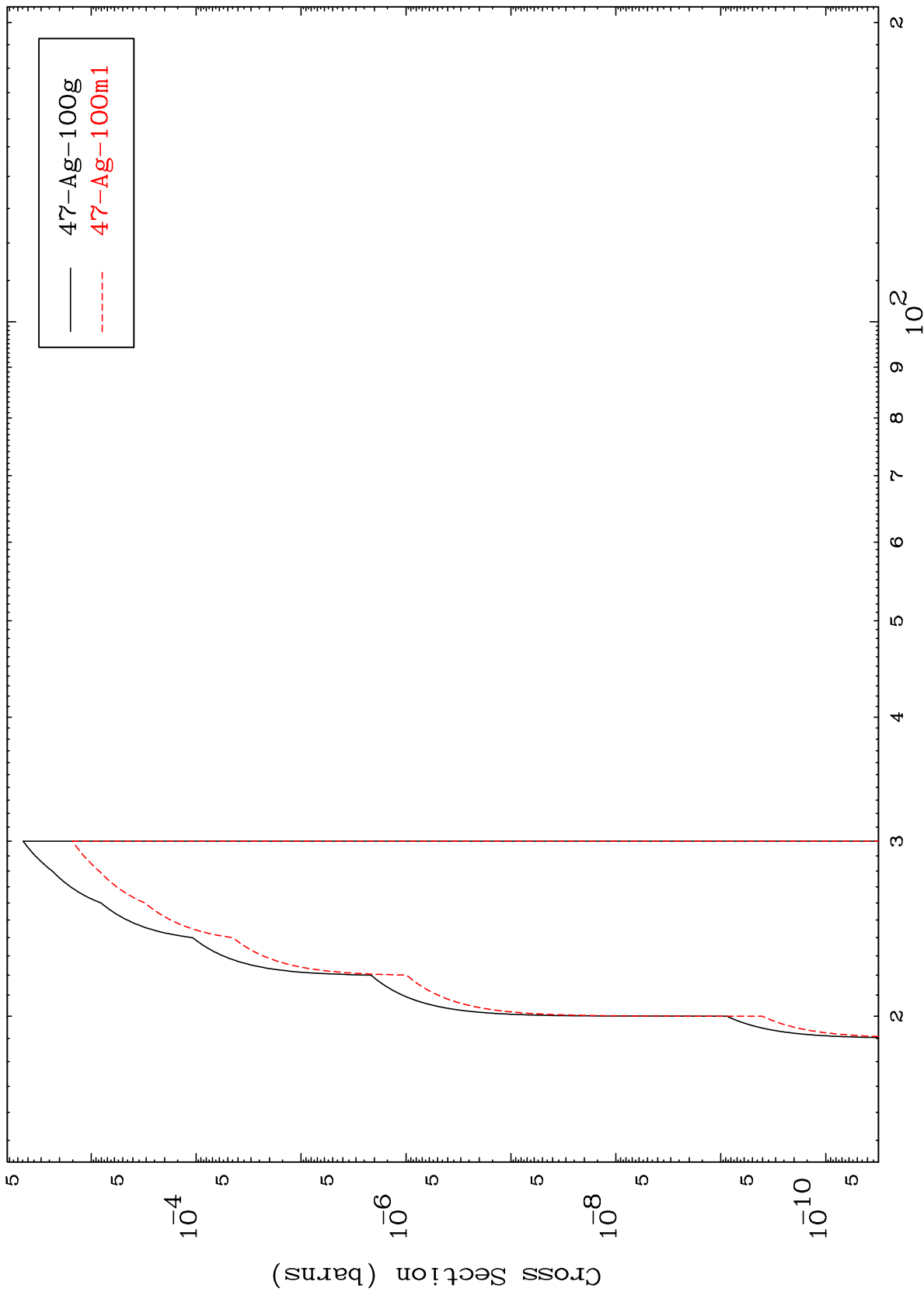
48-Cd-102

MAT 4813

(n,p) d

48-Cd-102

Radionuclide Production Cross Section



18

Incident Energy (MeV)

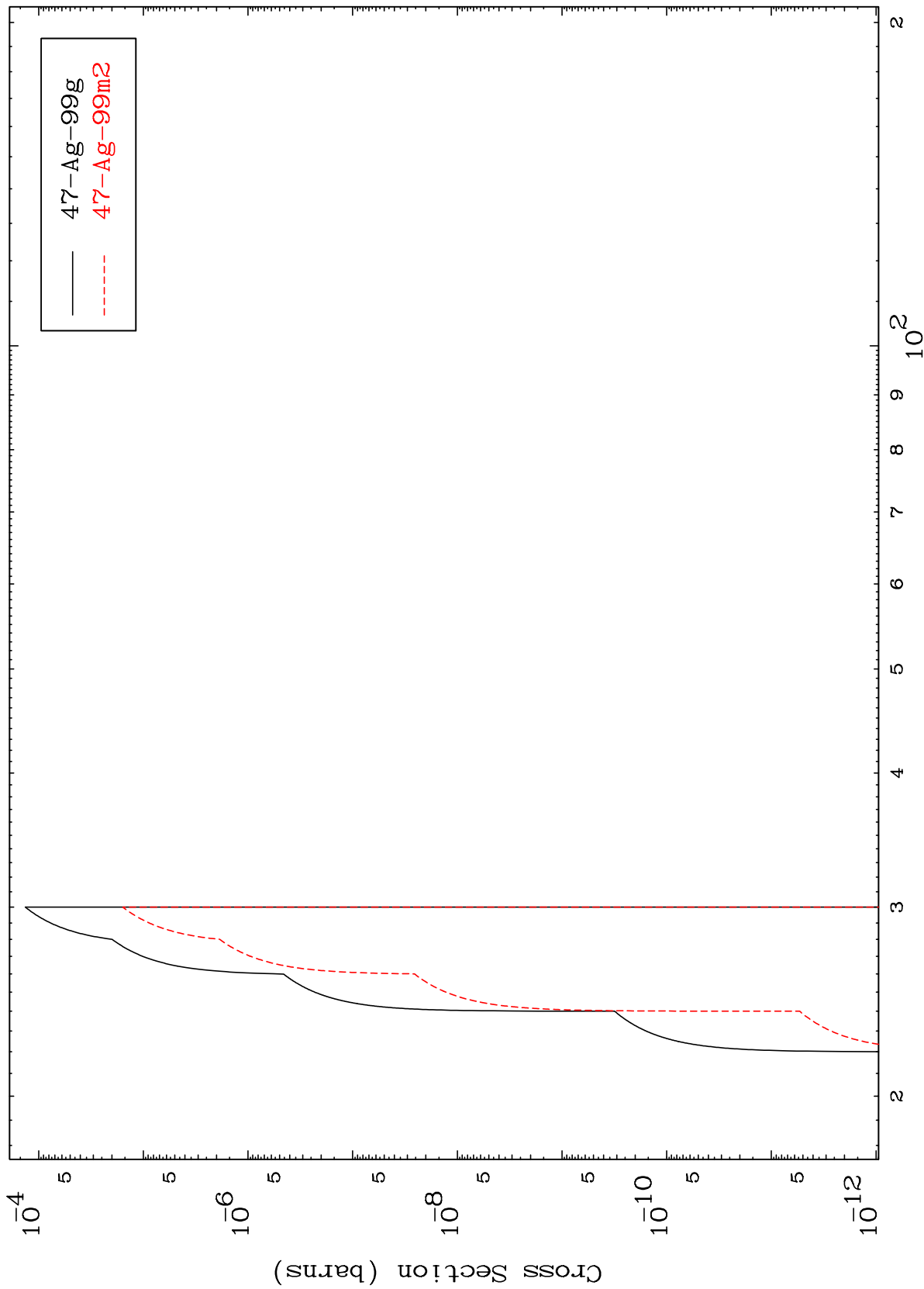
48-Cd-102

MAT 4813

(n,p) t

48-Cd-102

Radionuclide Production Cross Section



19

Incident Energy (MeV)

48-Cd-102