

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

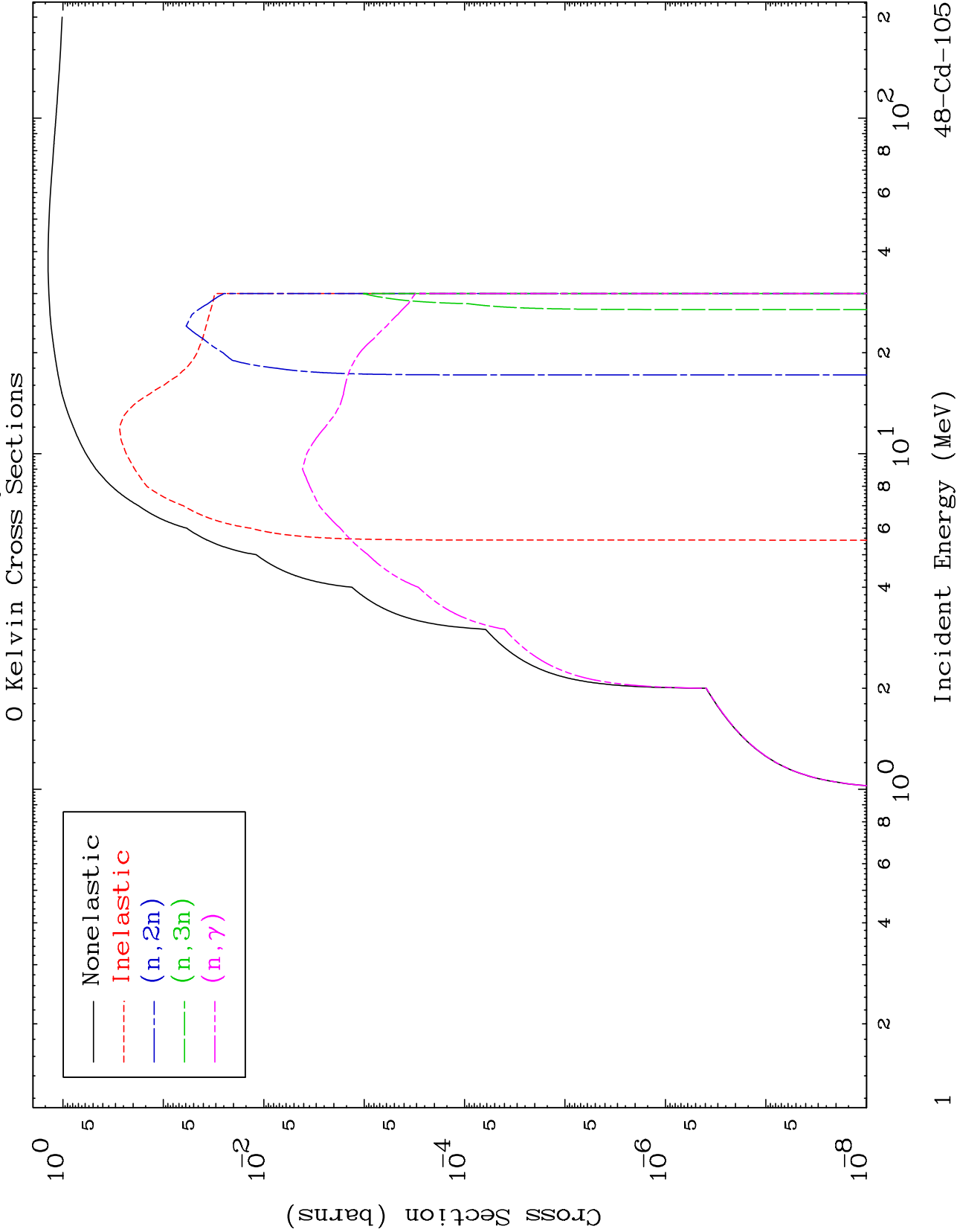
Web:redcullen1.net/HOMEPAGE.NEW

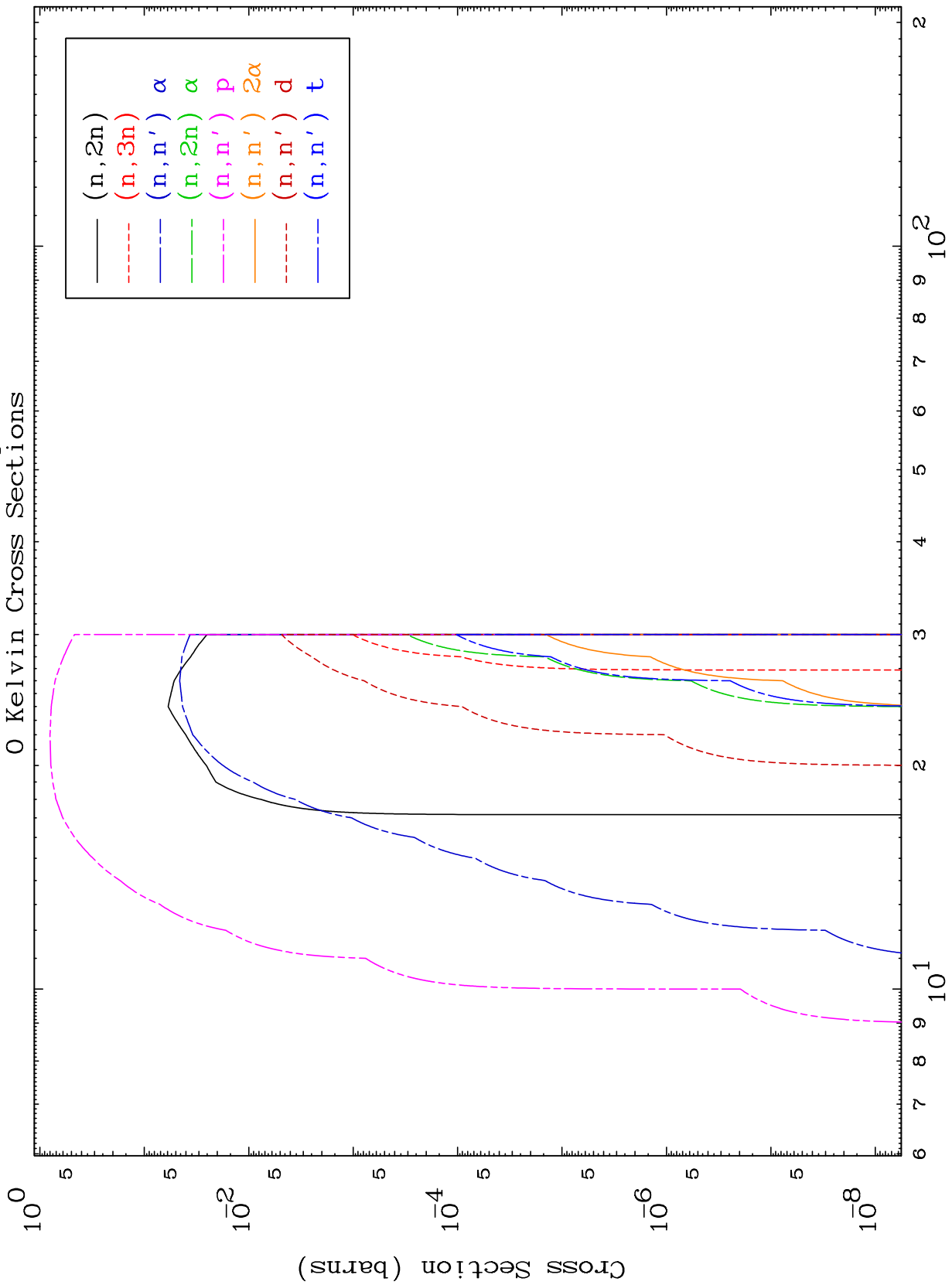
Press Mouse Button to Start

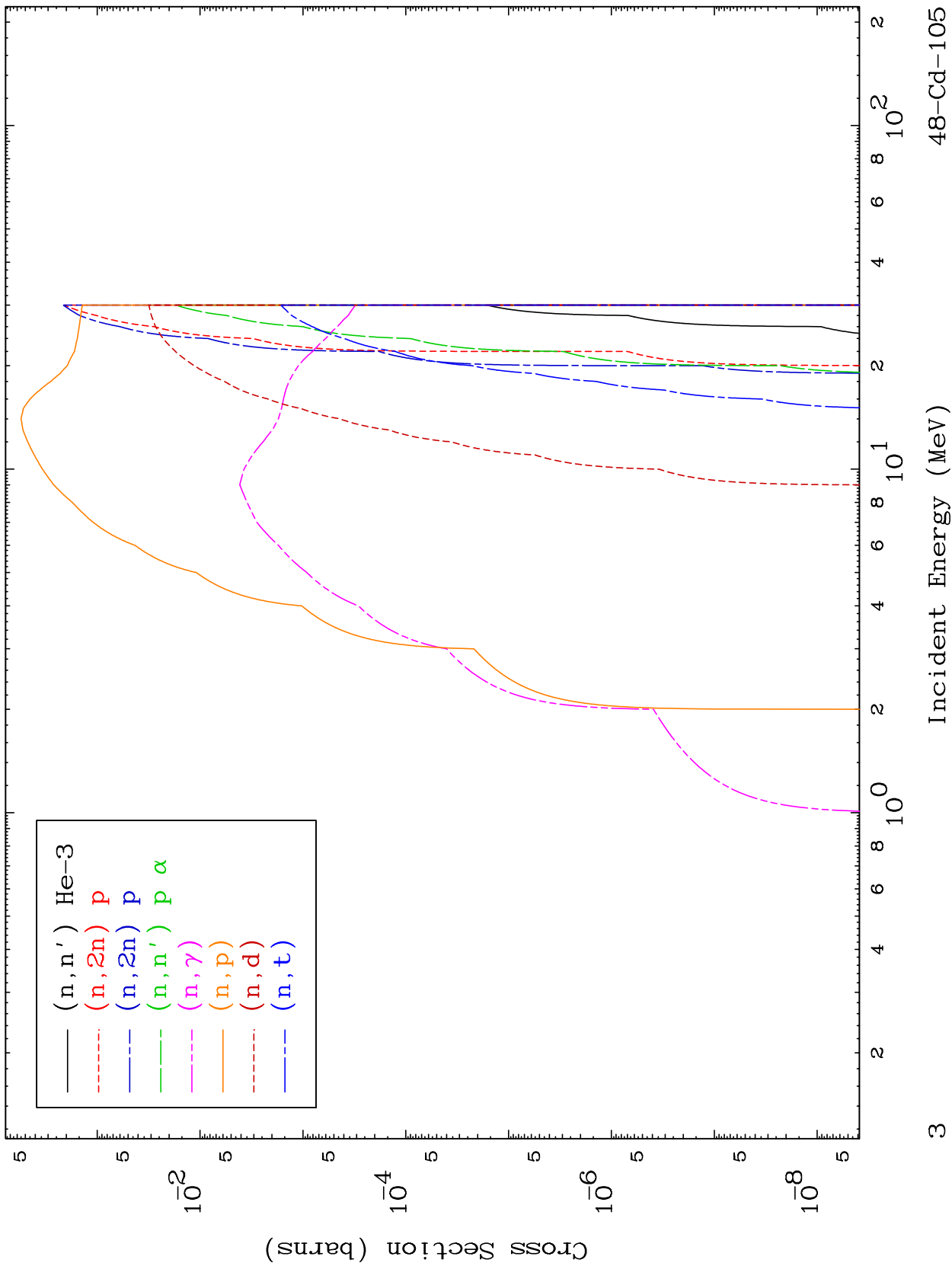
MAT 4822

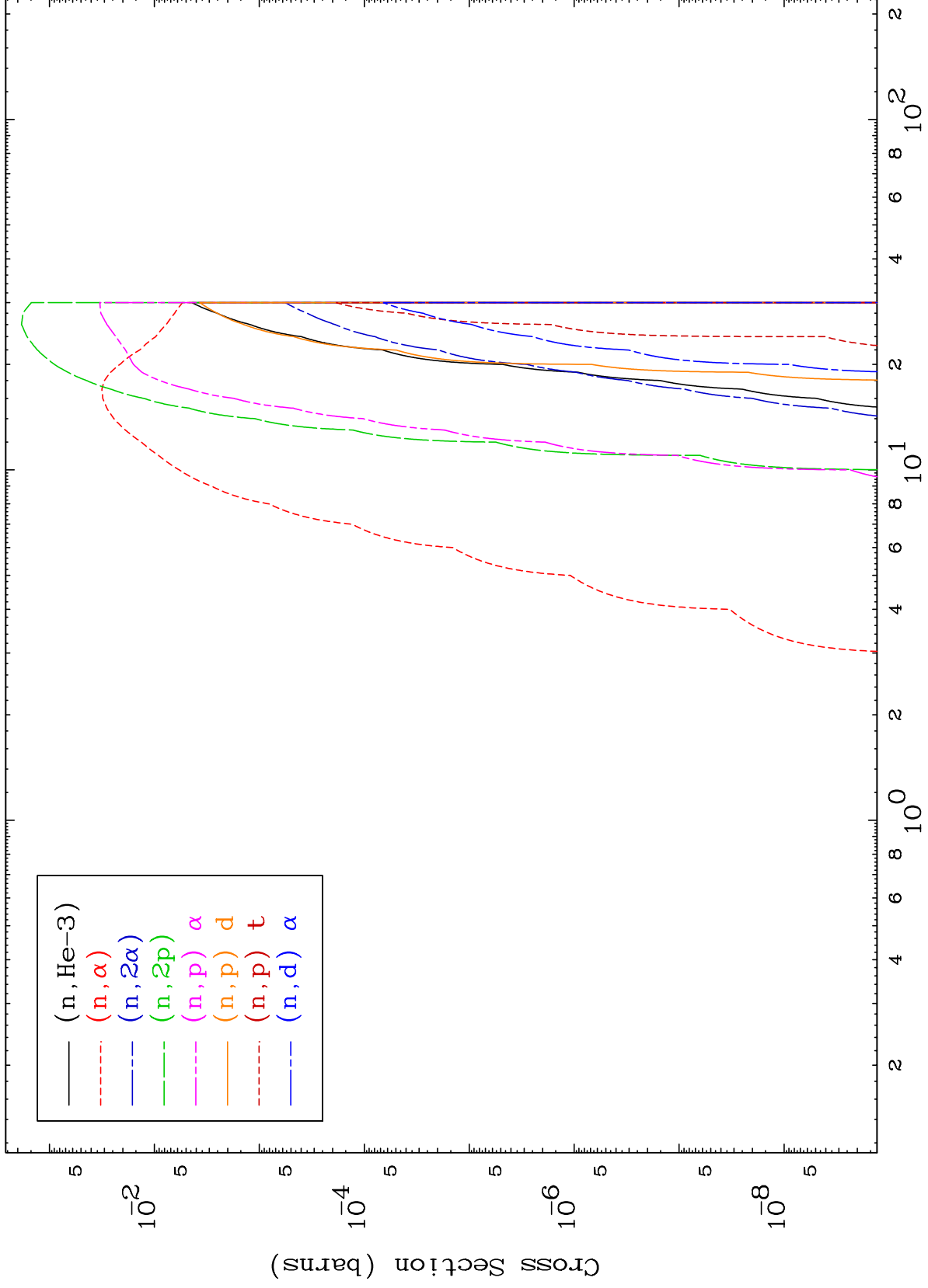
Proton Major

48-Cd-105





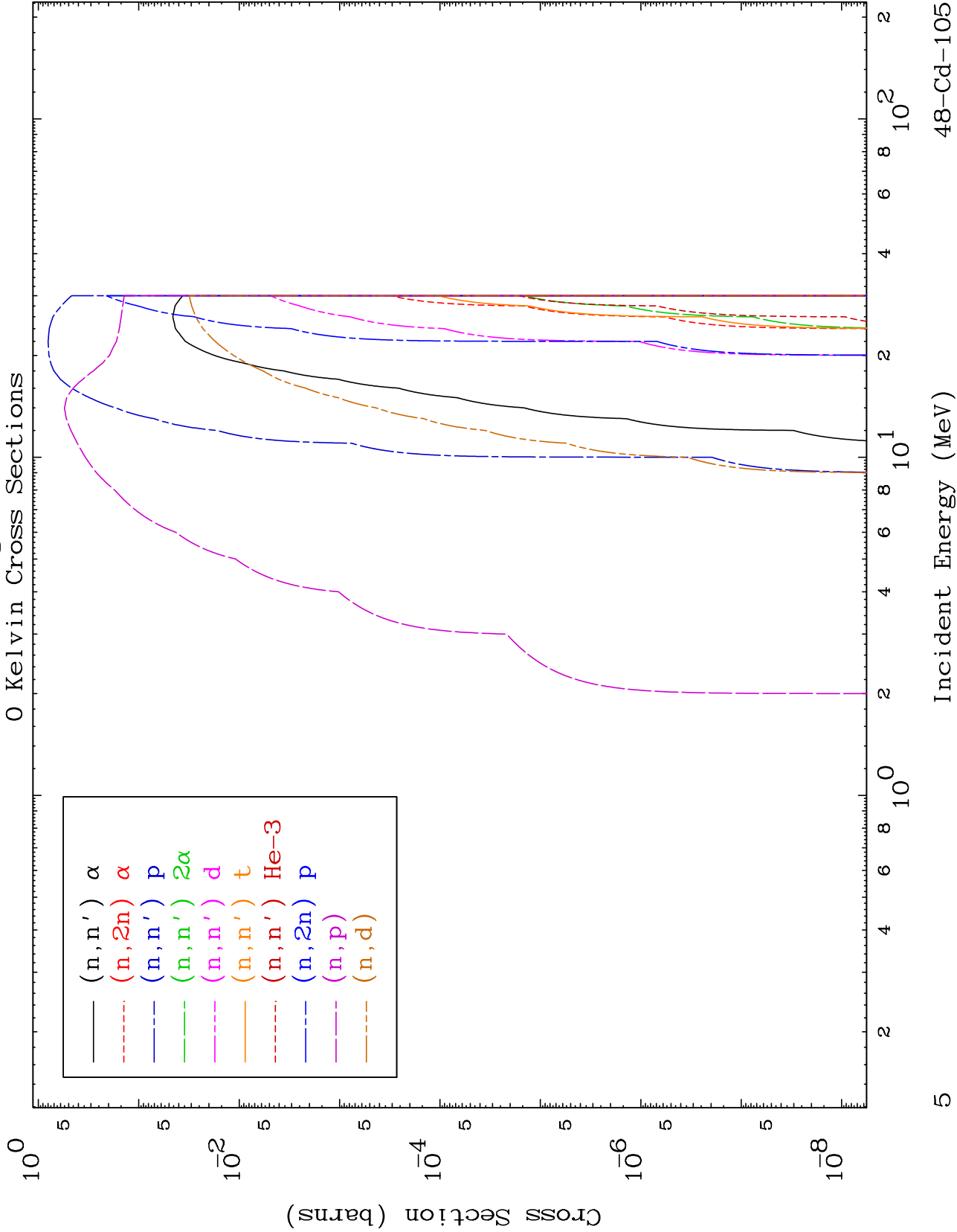




MAT 4822

Proton Charged Particle
0 Kelvin Cross Sections

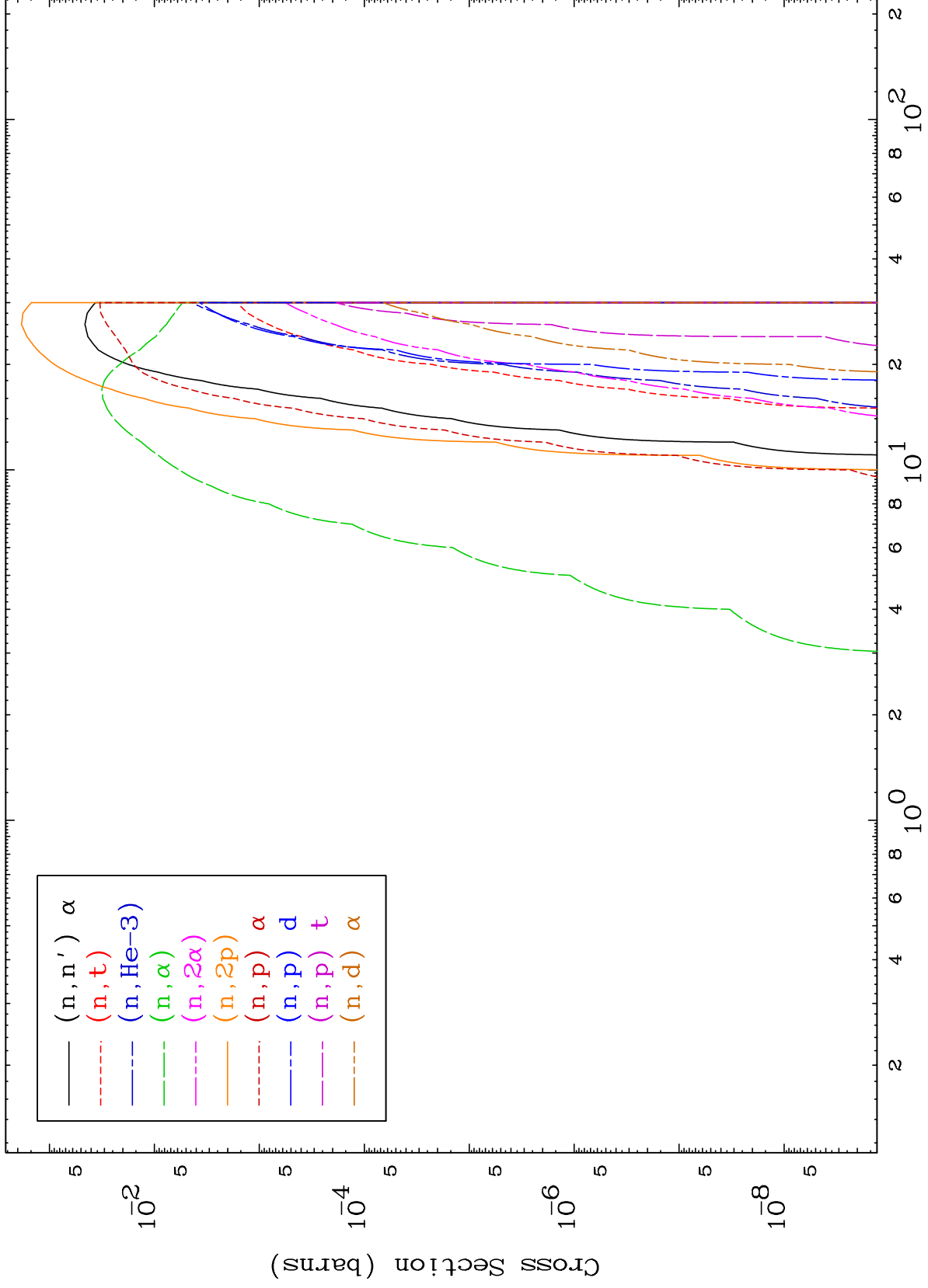
48-Cd-105



MAT 4822

Proton Charged Particle
0 Kelvin Cross Sections

48-Cd-105

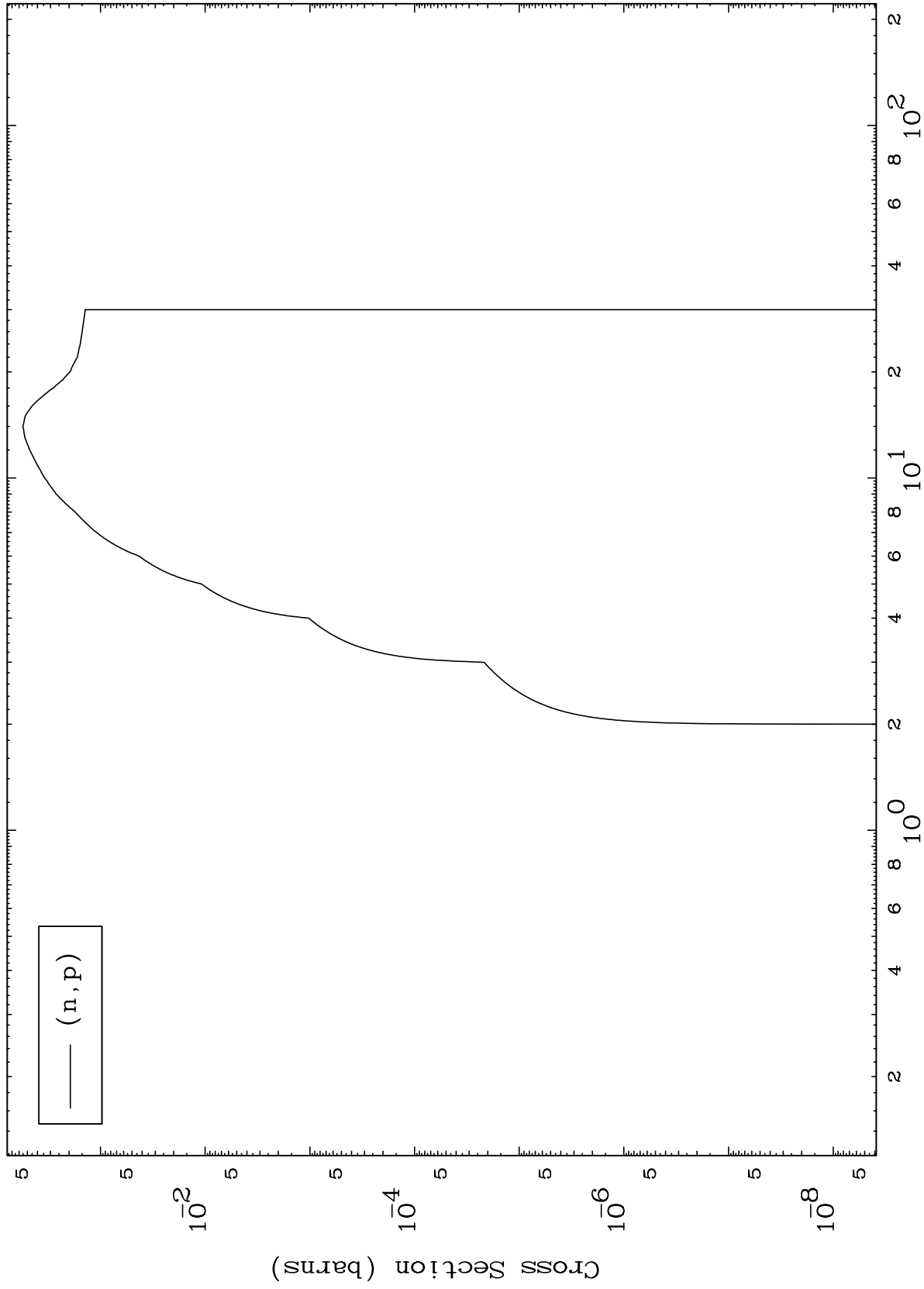


MAT 4822

(p,p) Levels

48-Cd-105

0 Kelvin Cross Sections



7

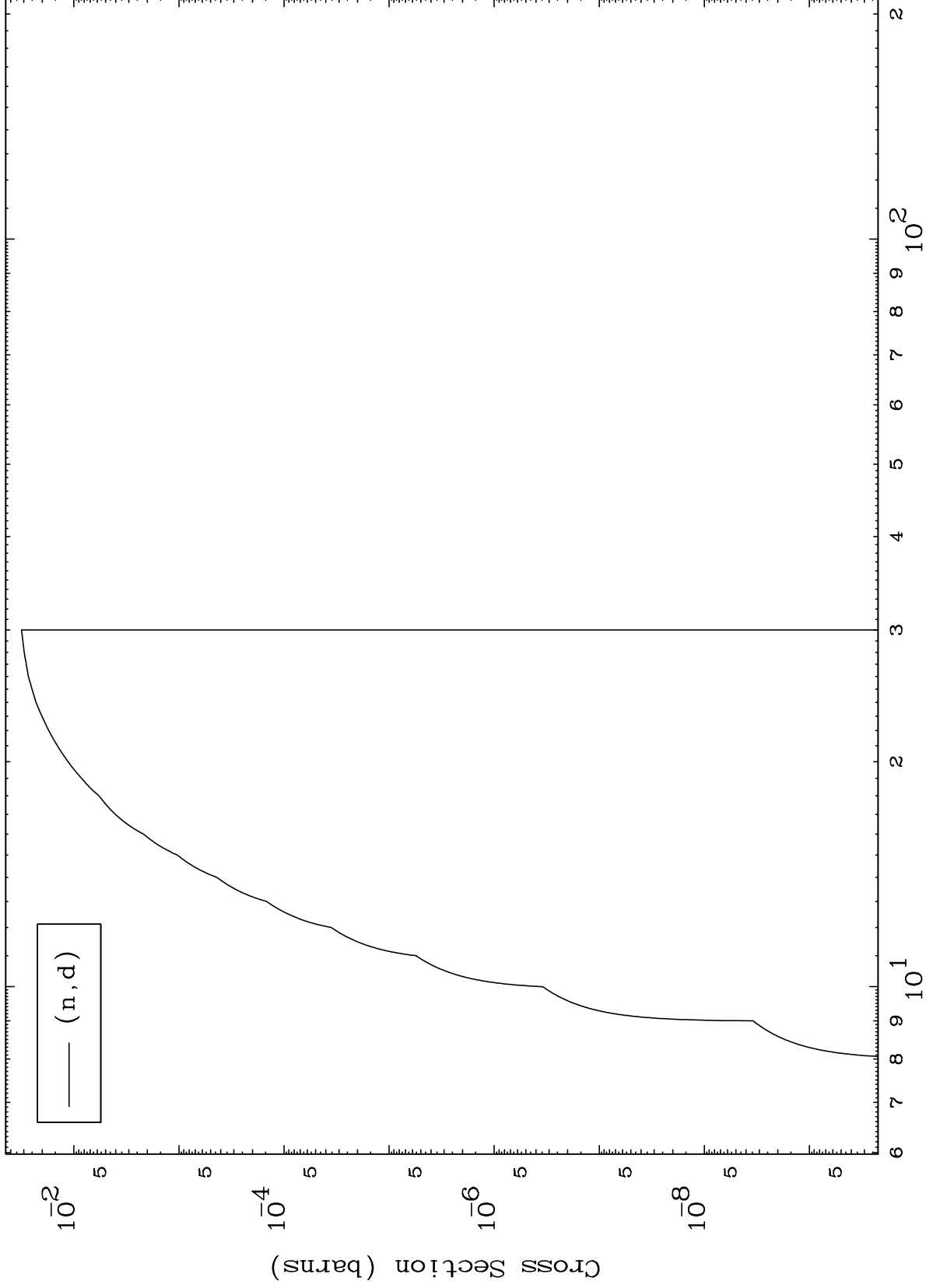
Incident Energy (MeV)

48-Cd-105

MAT 4822

(p,d) Levels
0 Kelvin Cross Sections

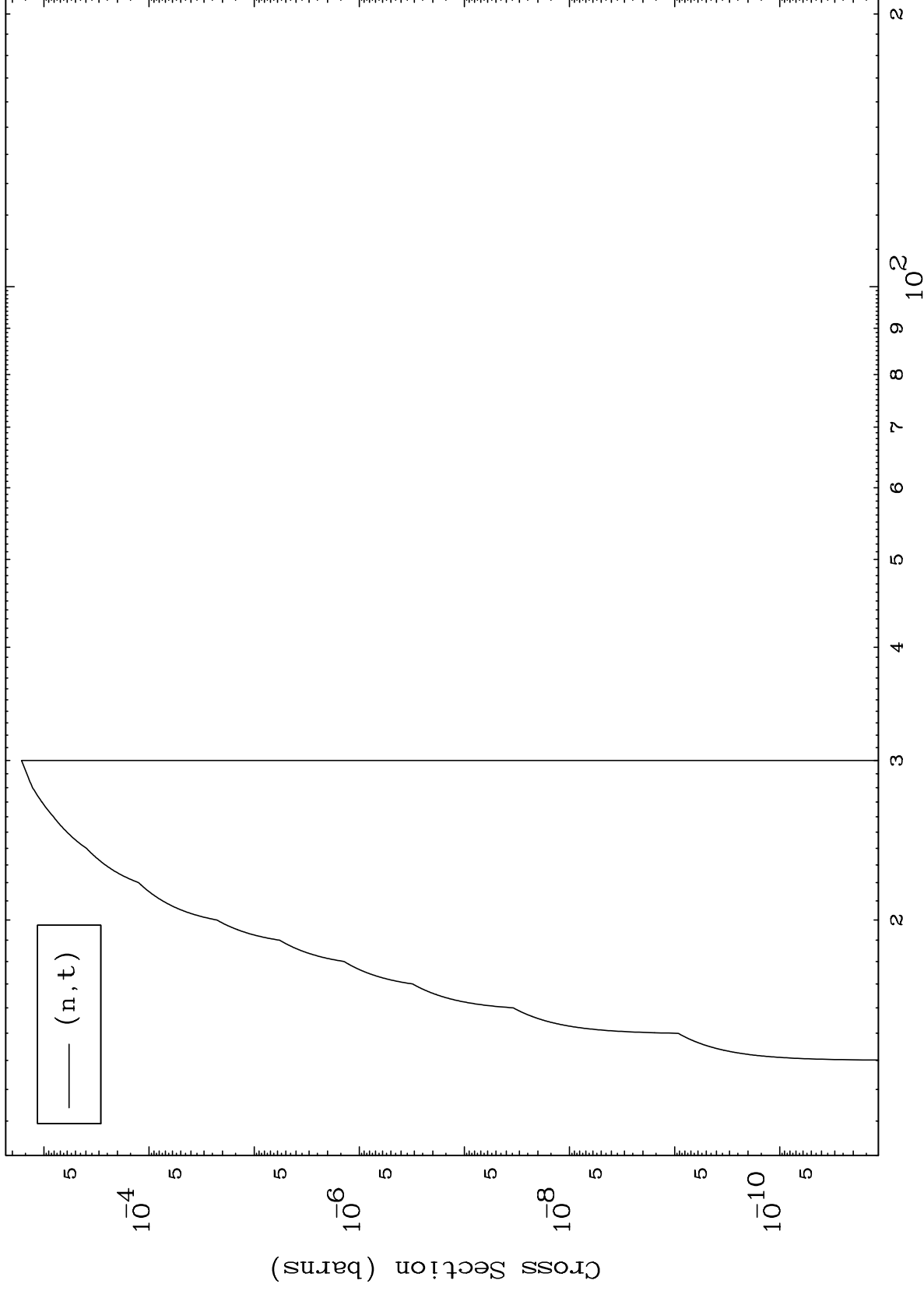
48-Cd-105



MAT 4822

(p,t) Levels
0 Kelvin Cross Sections

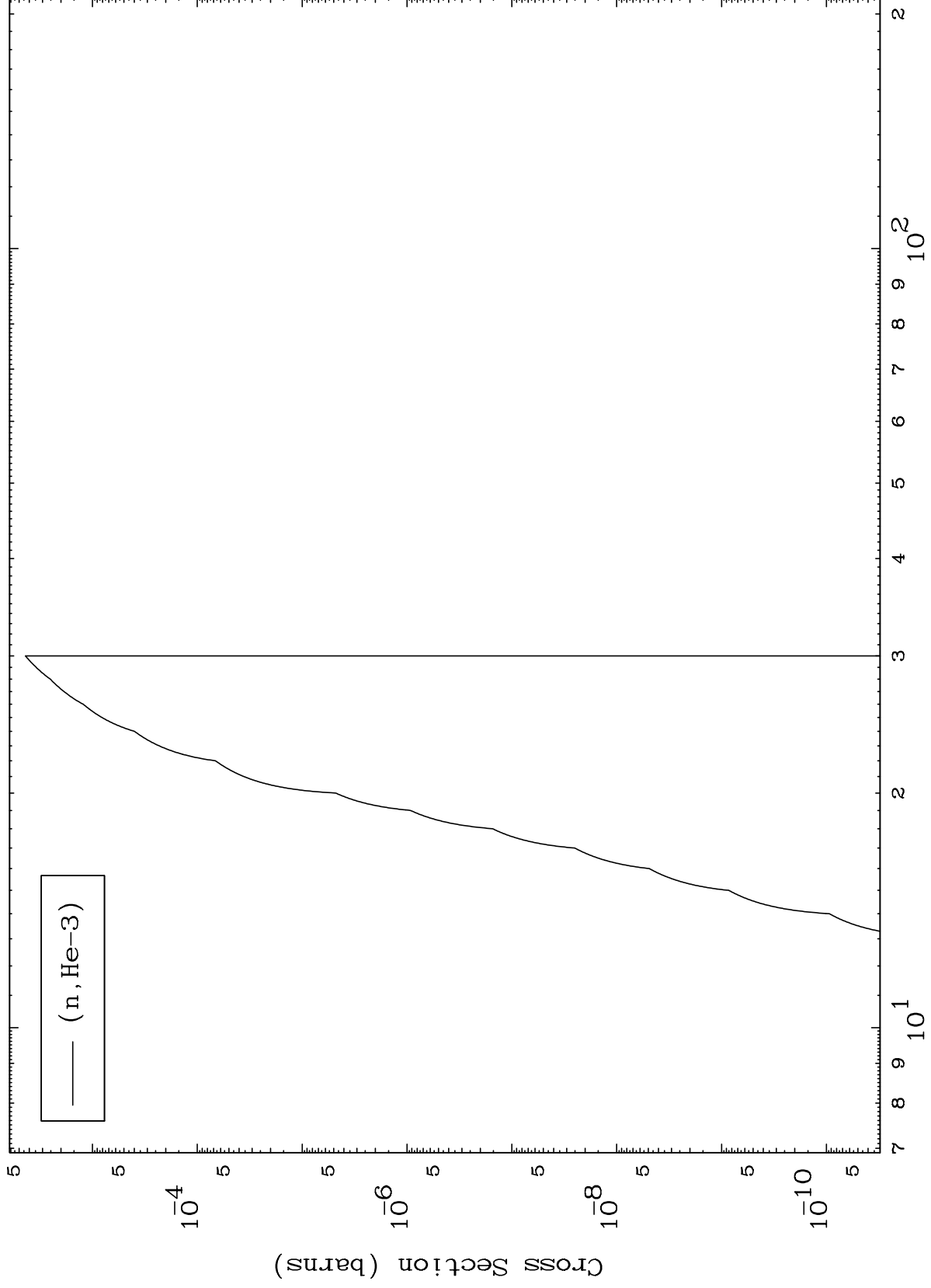
48-Cd-105



MAT 4822

(p,He3) Levels
0 Kelvin Cross Sections

48-Cd-105



10

Incident Energy (MeV)

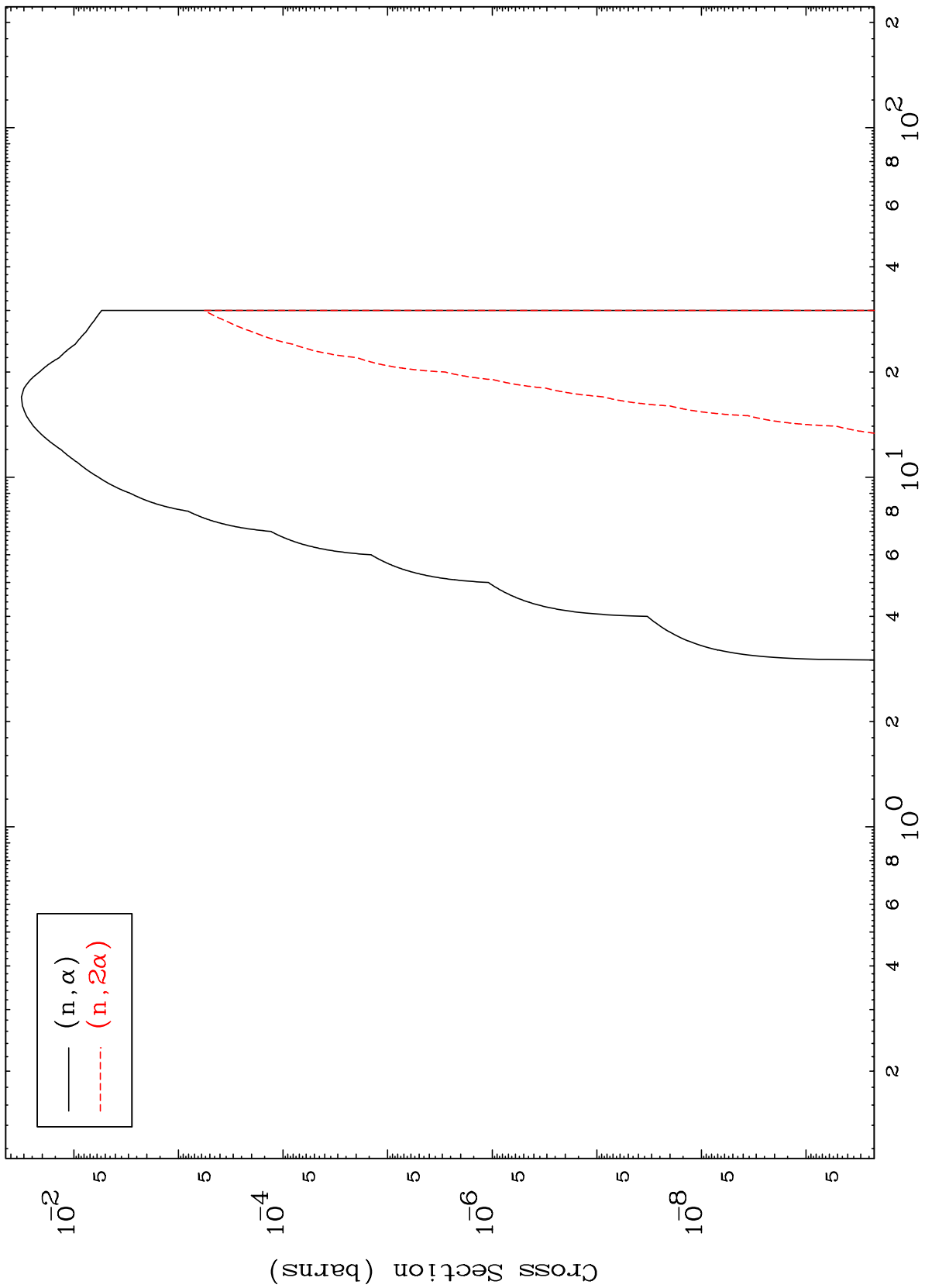
48-Cd-105

MAT 4822

(p, α) Levels

48-Cd-105

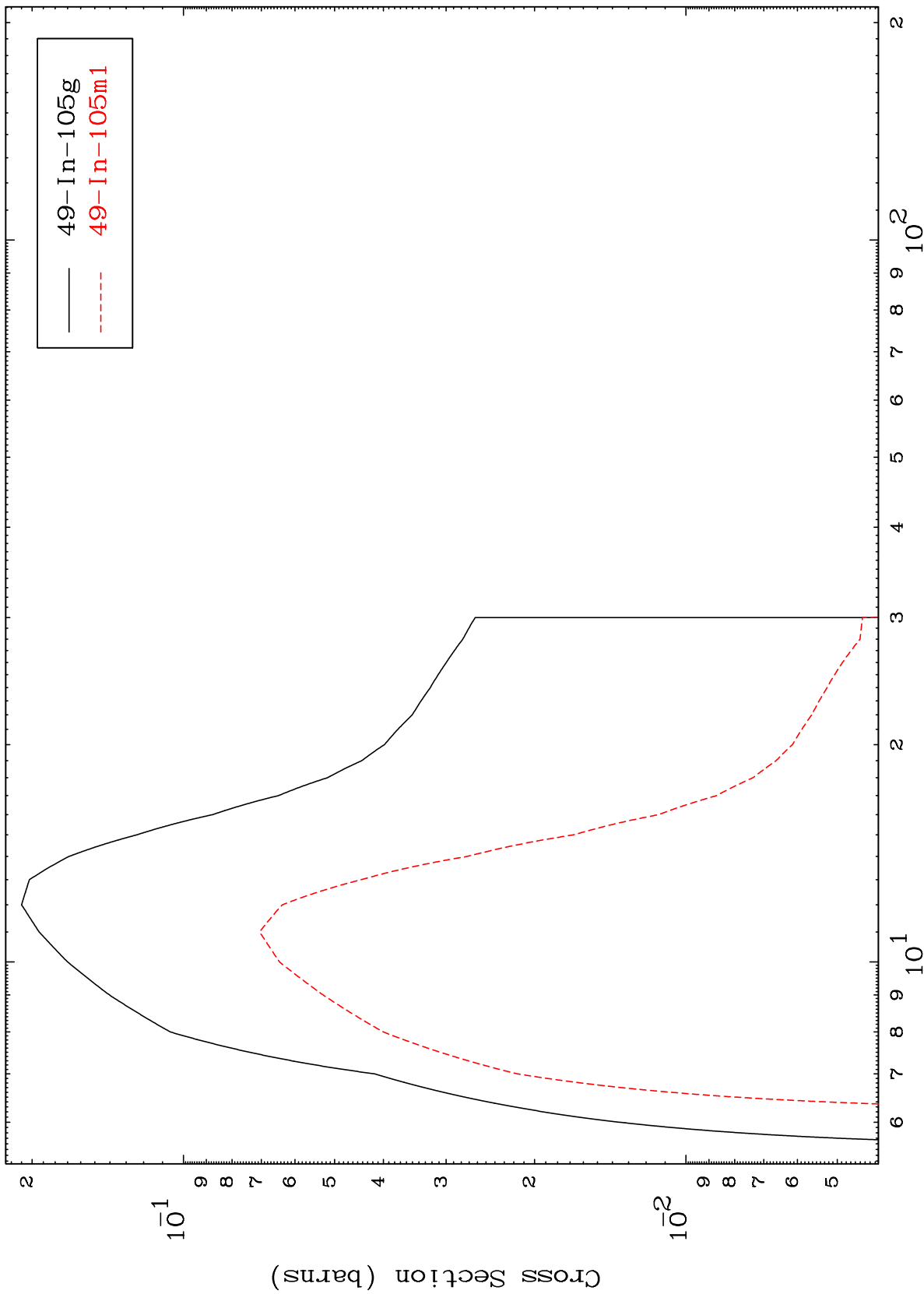
0 Kelvin Cross Sections



MAT 4822

48-Cd-105

Inelastic
Radionuclide Production Cross Section



12

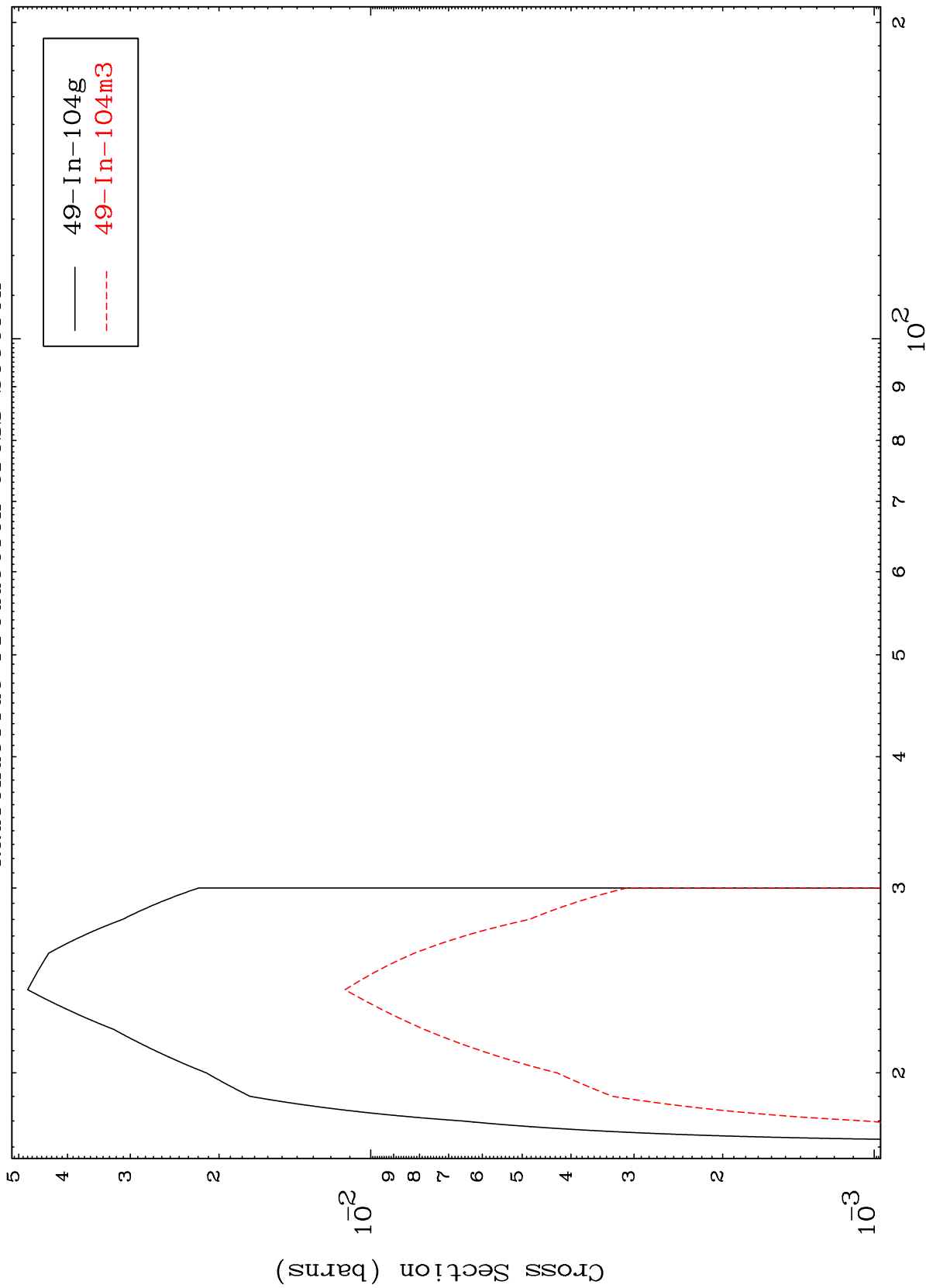
Incident Energy (MeV)

48-Cd-105

MAT 4822

48-Cd-105

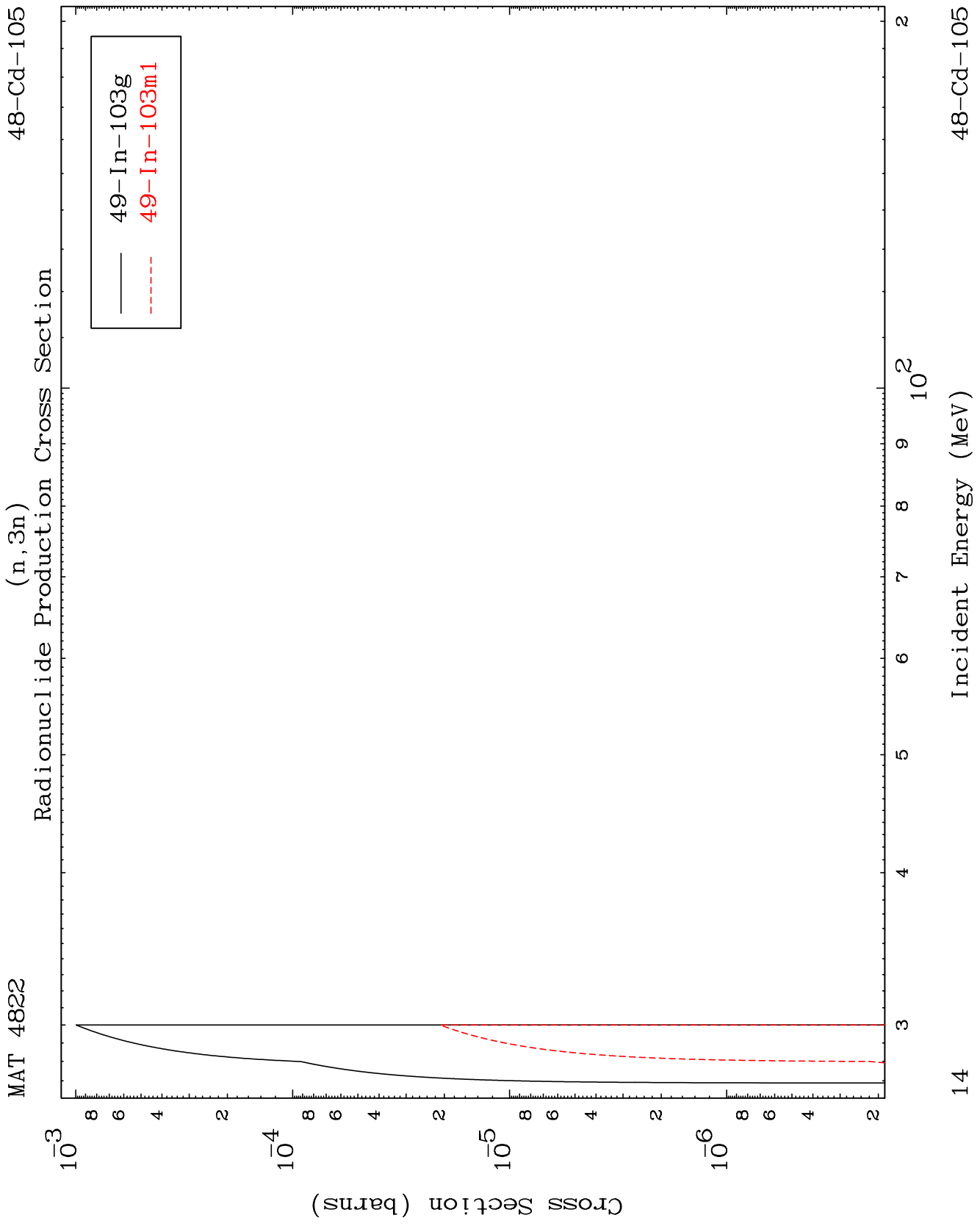
(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

48-Cd-105

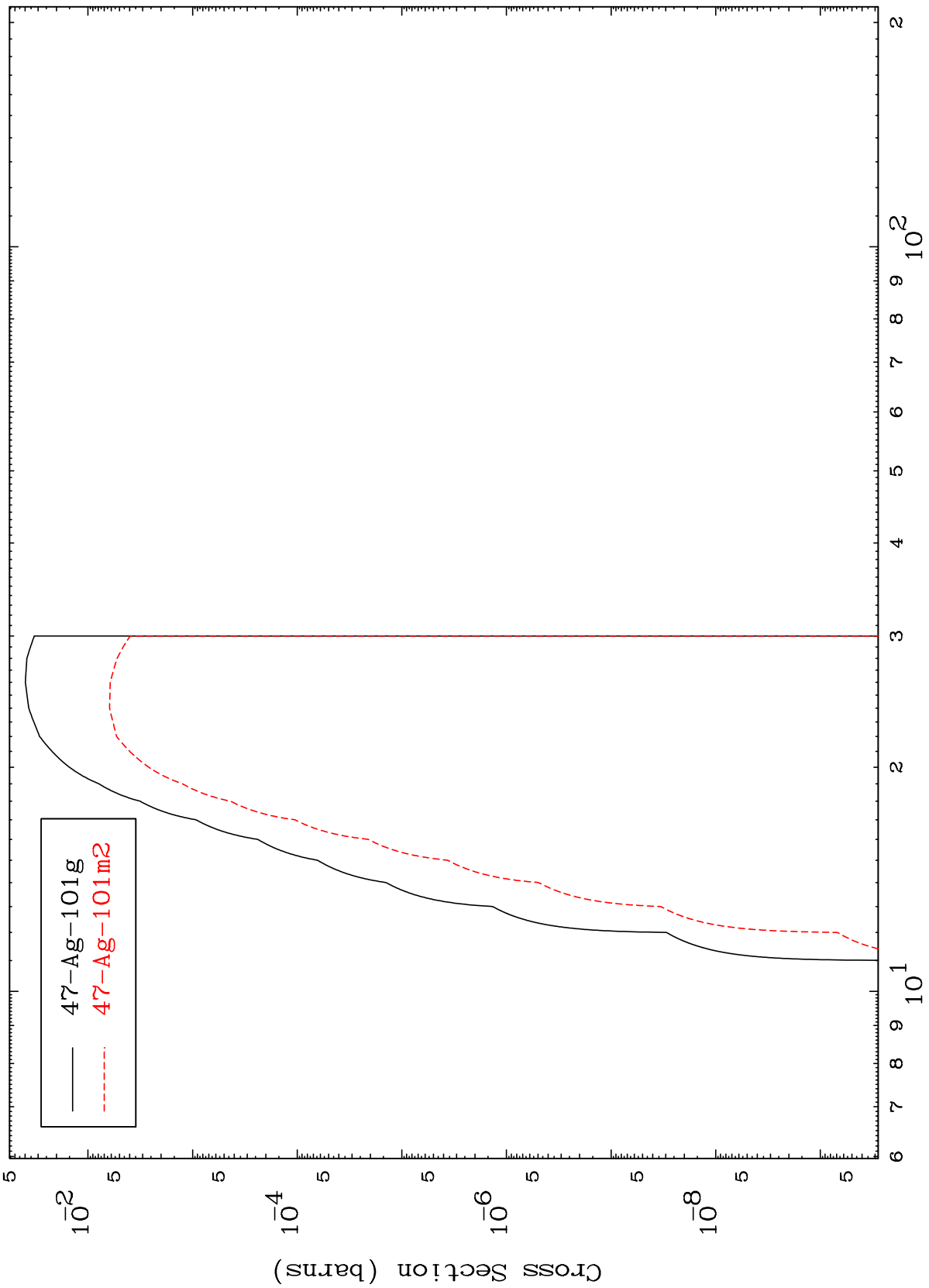


MAT 4822

(n,n') α

48-Cd-105

Radionuclide Production Cross Section



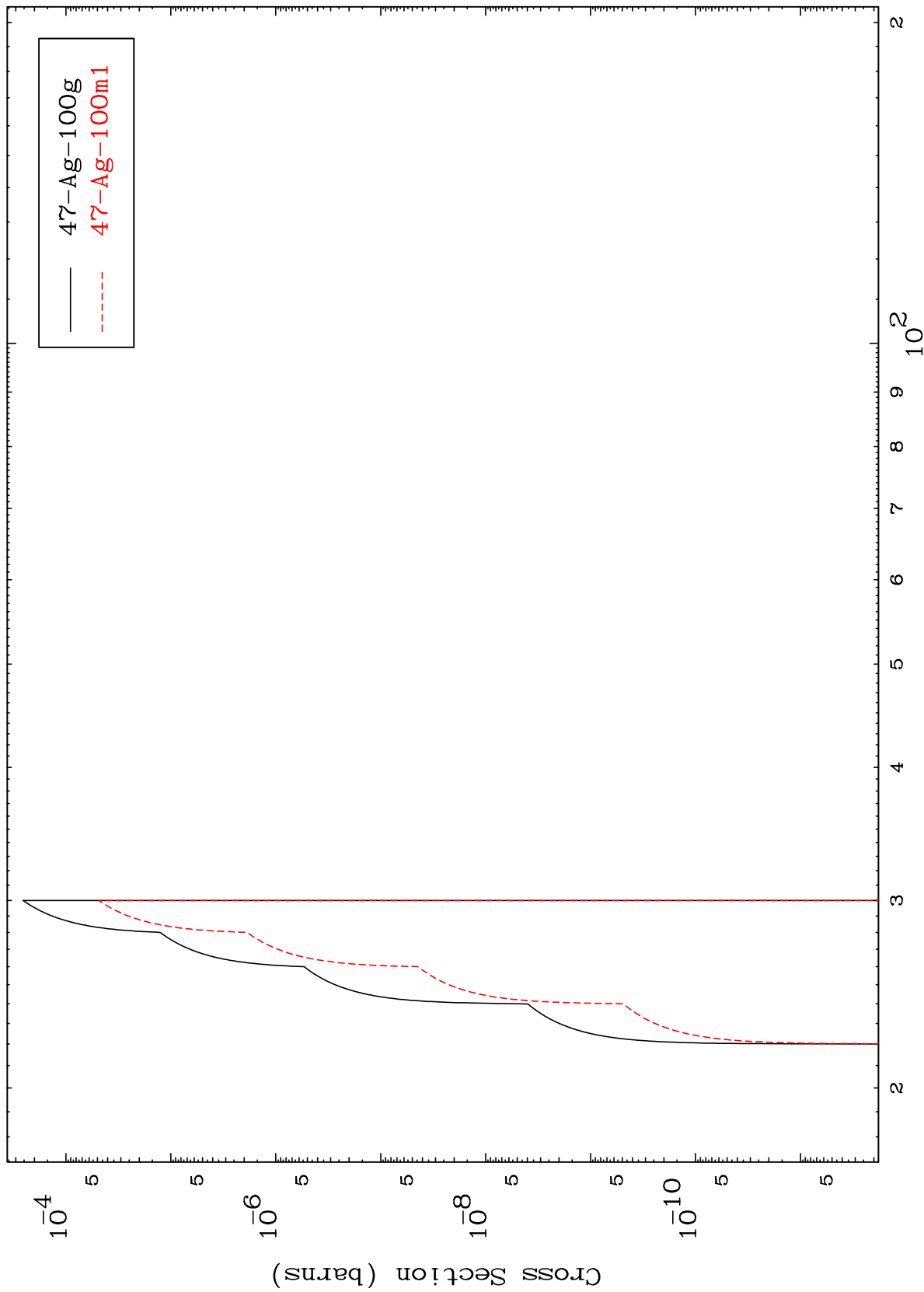
— 47-Ag-101g
- - - 47-Ag-101m2

15

Incident Energy (MeV)

48-Cd-105

Radionuclide Production Cross Section

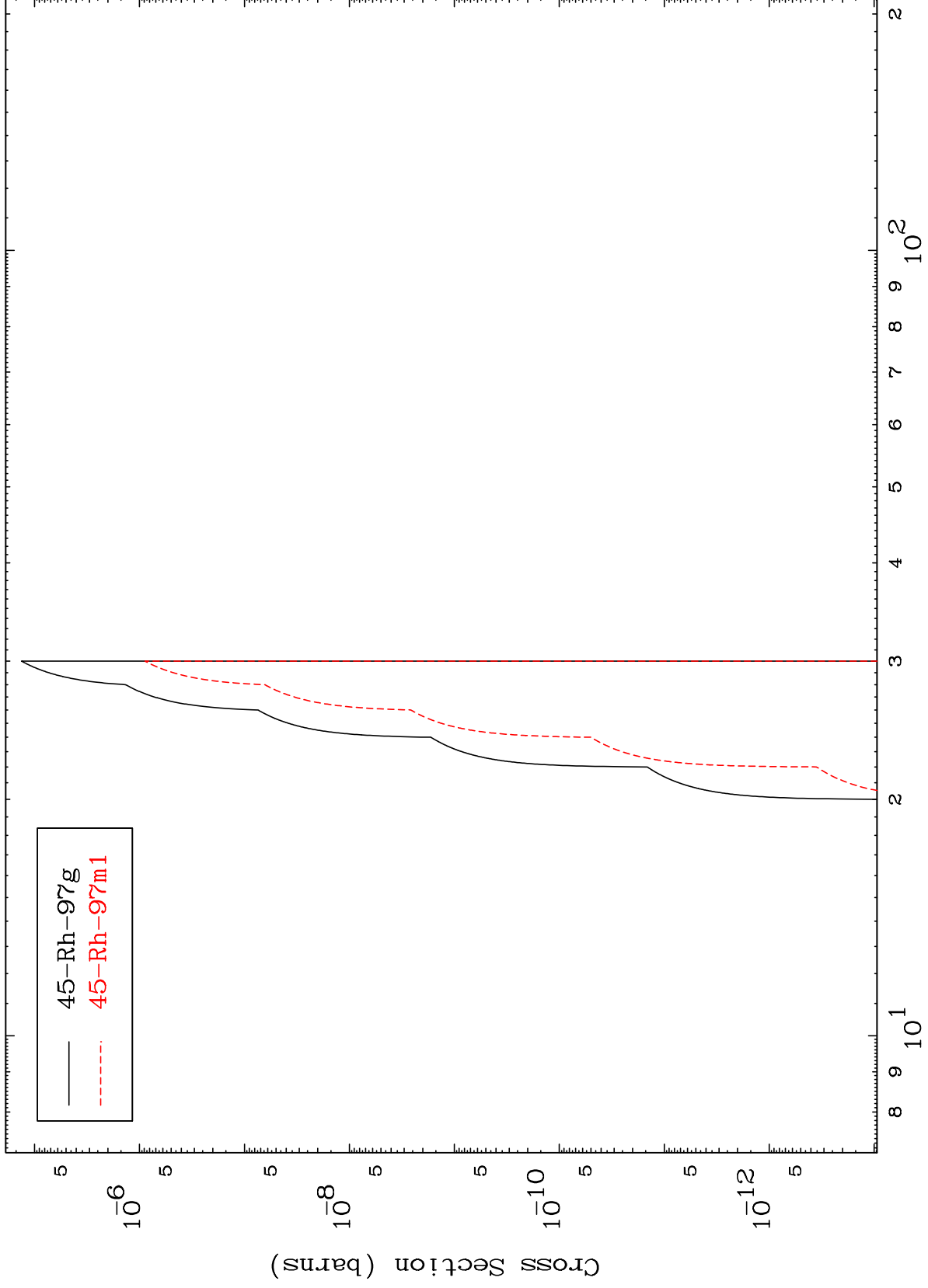


MAT 4822

(n,n') 2 α

48-Cd-105

Radionuclide Production Cross Section



17

Incident Energy (MeV)

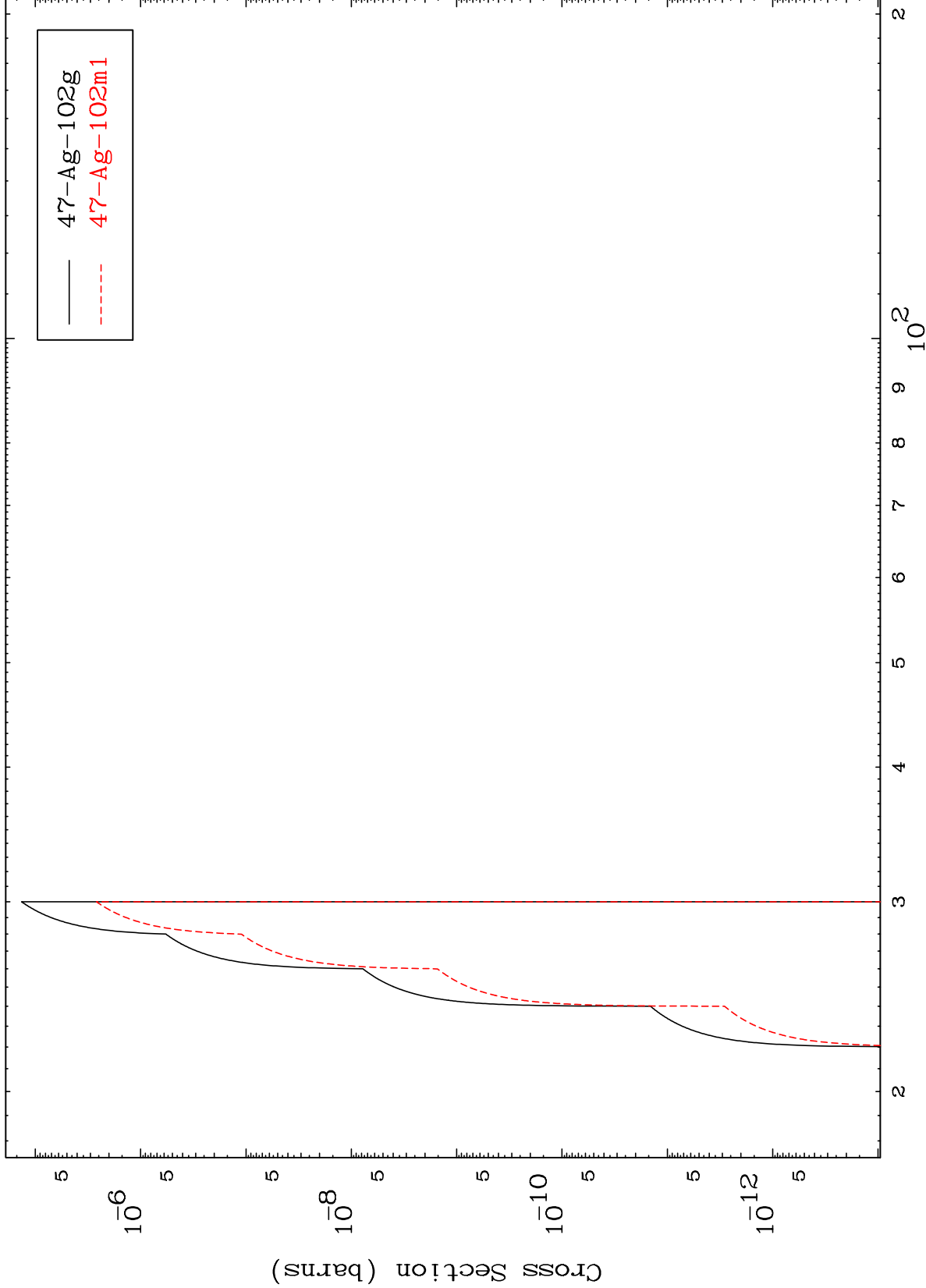
48-Cd-105

MAT 4822

(n,n') He-3

48-Cd-105

Radionuclide Production Cross Section



18

Incident Energy (MeV)

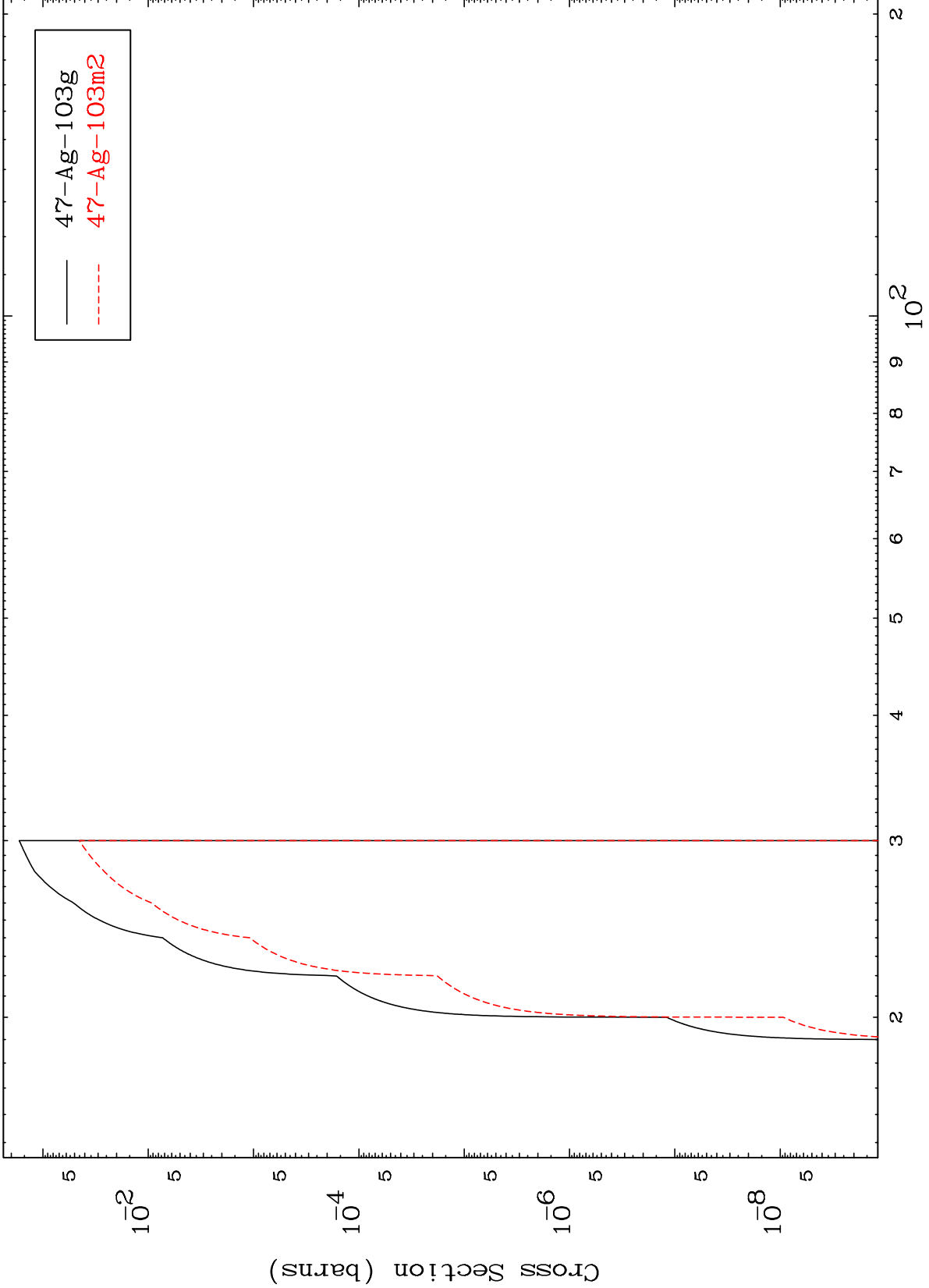
48-Cd-105

MAT 4822

(n,2n) p

48-Cd-105

Radionuclide Production Cross Section



19

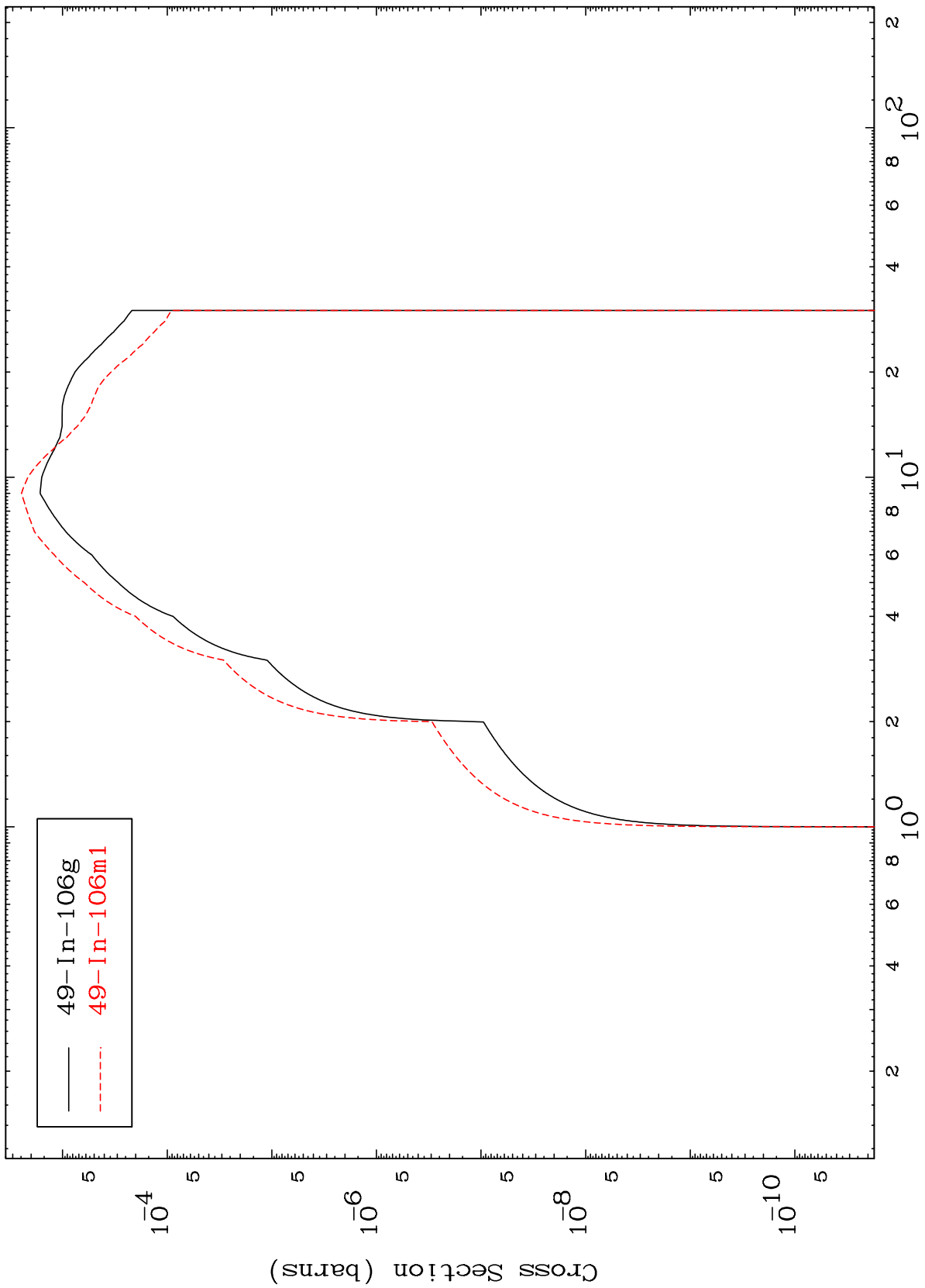
Incident Energy (MeV)

48-Cd-105

MAT 4822

48-Cd-105

(n,γ)
Radionuclide Production Cross Section



— 49-In-106g
- - - 49-In-106m1

48-Cd-105

Incident Energy (MeV)

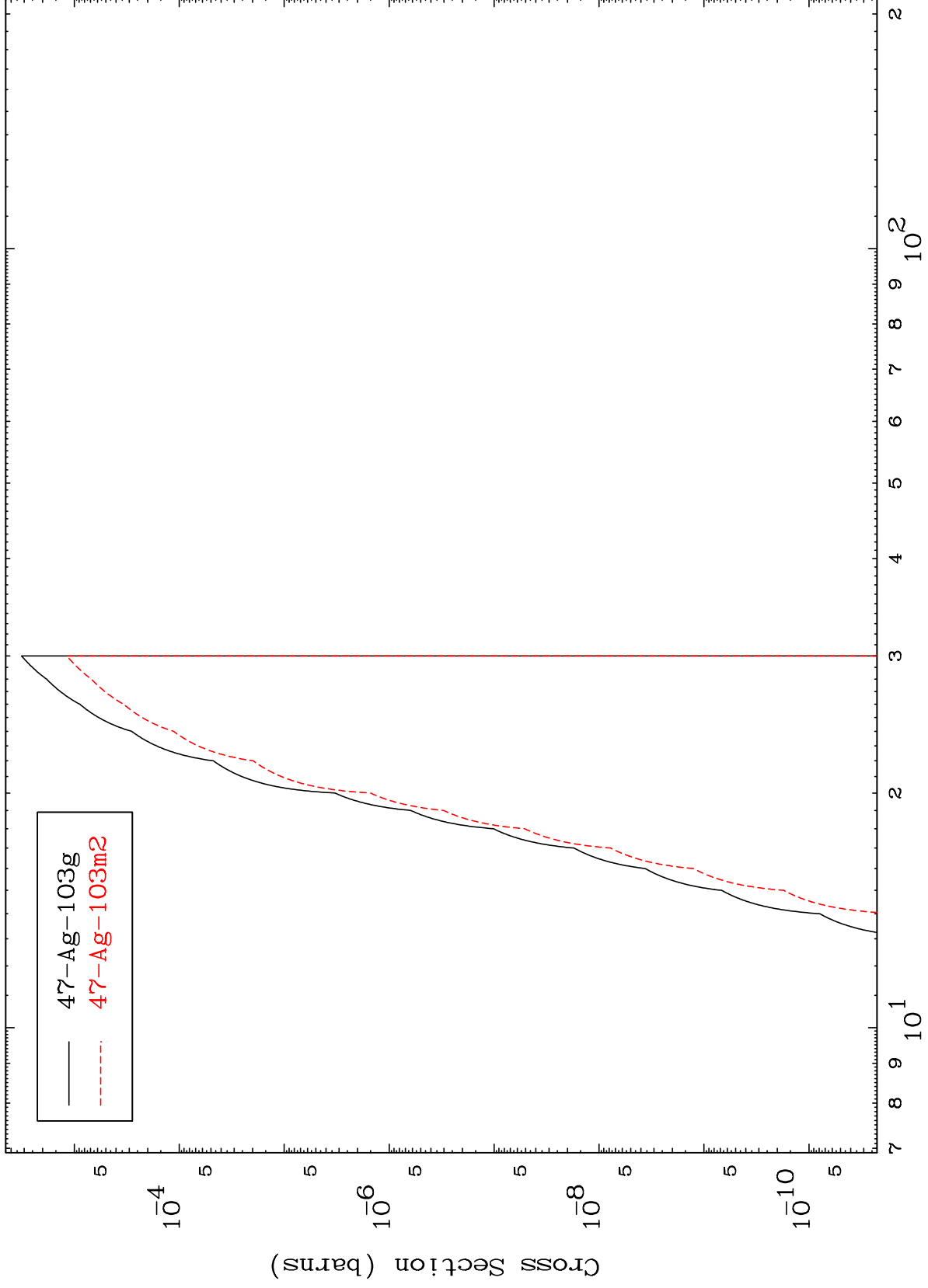
20

MAT 4822

(n,He-3)

48-Cd-105

Radionuclide Production Cross Section



— 47-Ag-103g
- - - 47-Ag-103m2

21

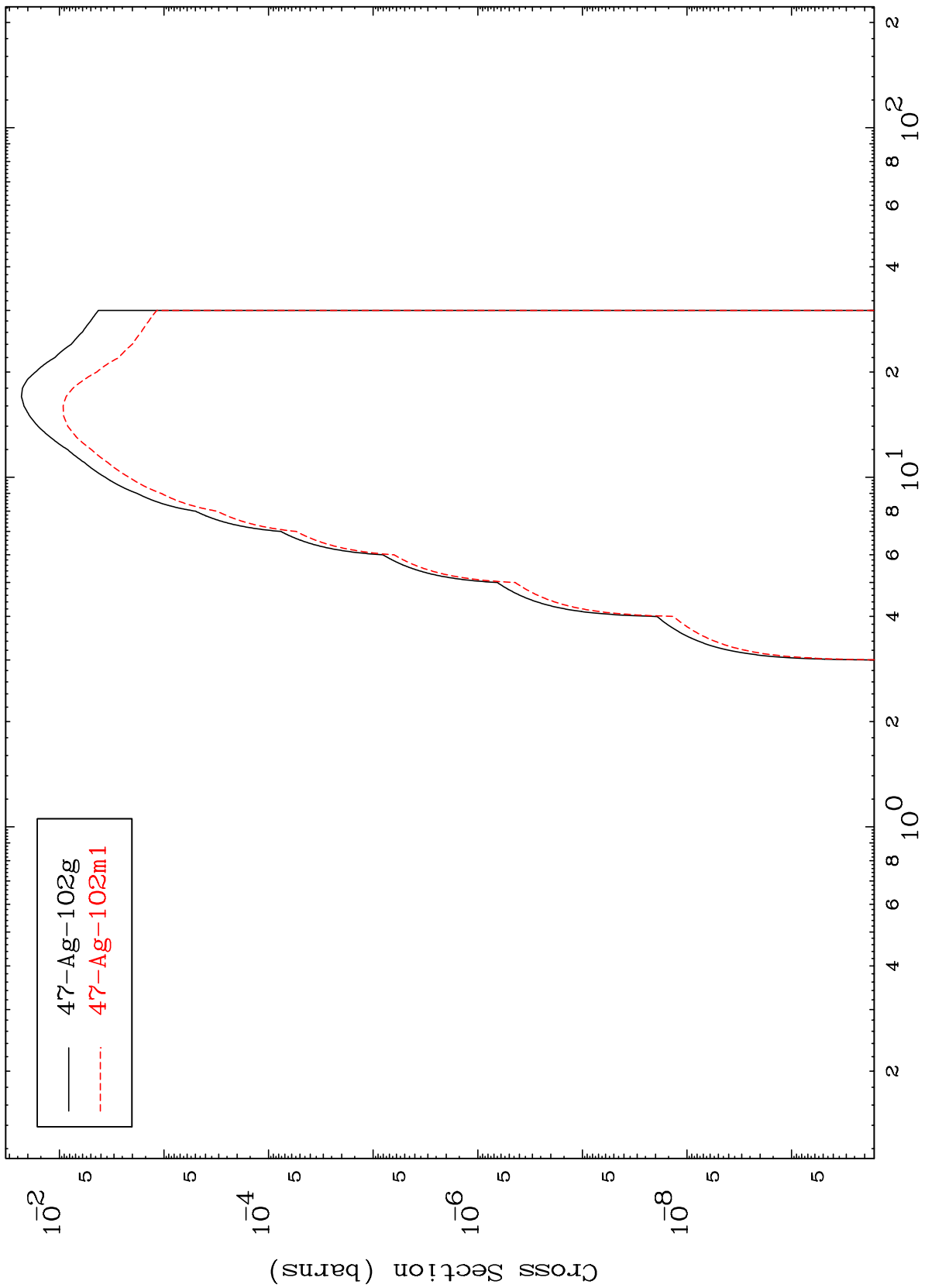
Incident Energy (MeV)

48-Cd-105

MAT 4822

48-Cd-105

Radionuclide Production Cross Section
(n, α)



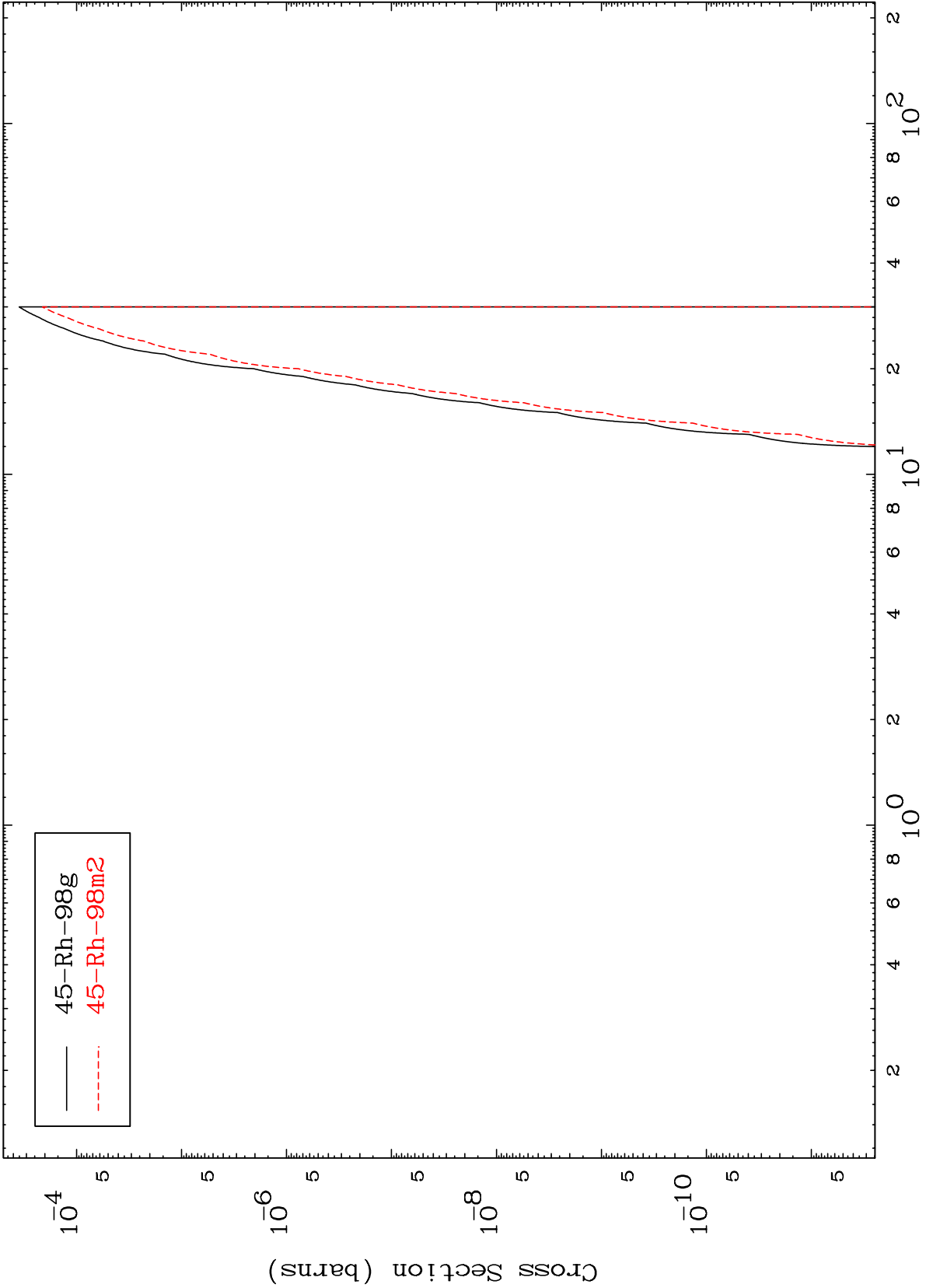
— 47-Ag-102g
- - - 47-Ag-102m1

MAT 4822

(n,2α)

48-Cd-105

Radionuclide Production Cross Section

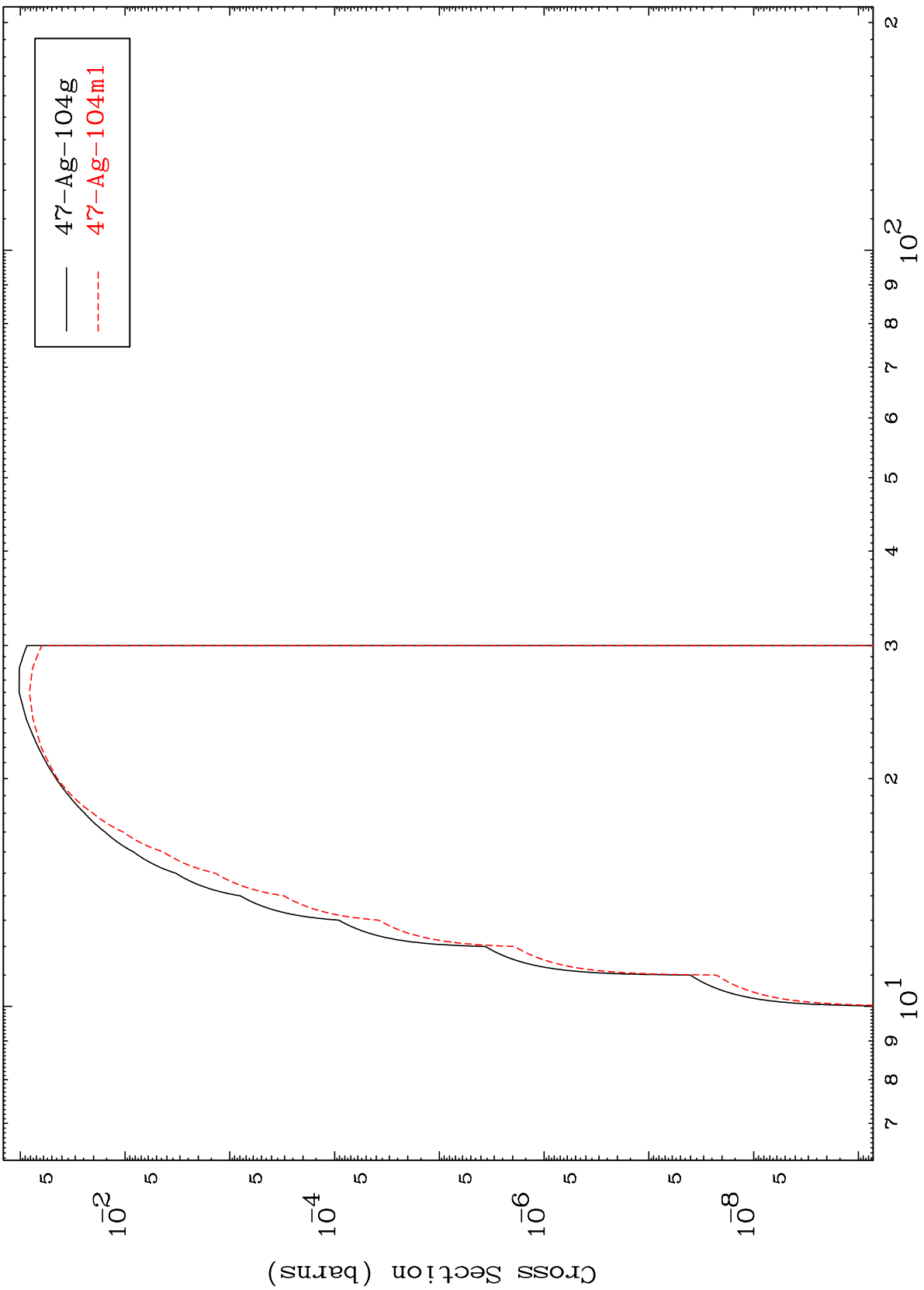


— 45-Rh-98g
- - - 45-Rh-98m2

MAT 4822

48-Cd-105

(n,2p)
Radionuclide Production Cross Section

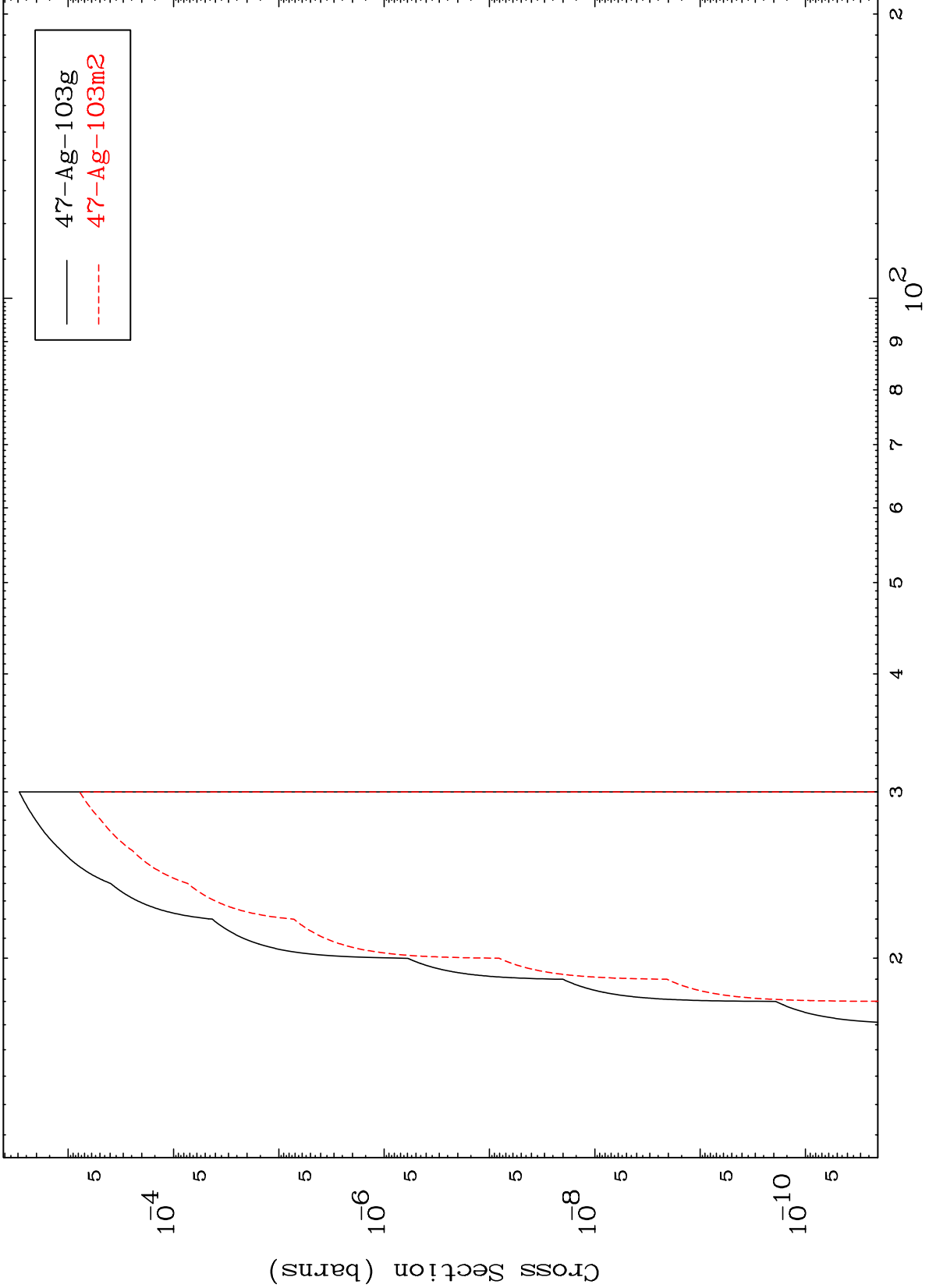


24

Incident Energy (MeV)

48-Cd-105

Radionuclide Production Cross Section



Radionuclide Production Cross Section

