

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

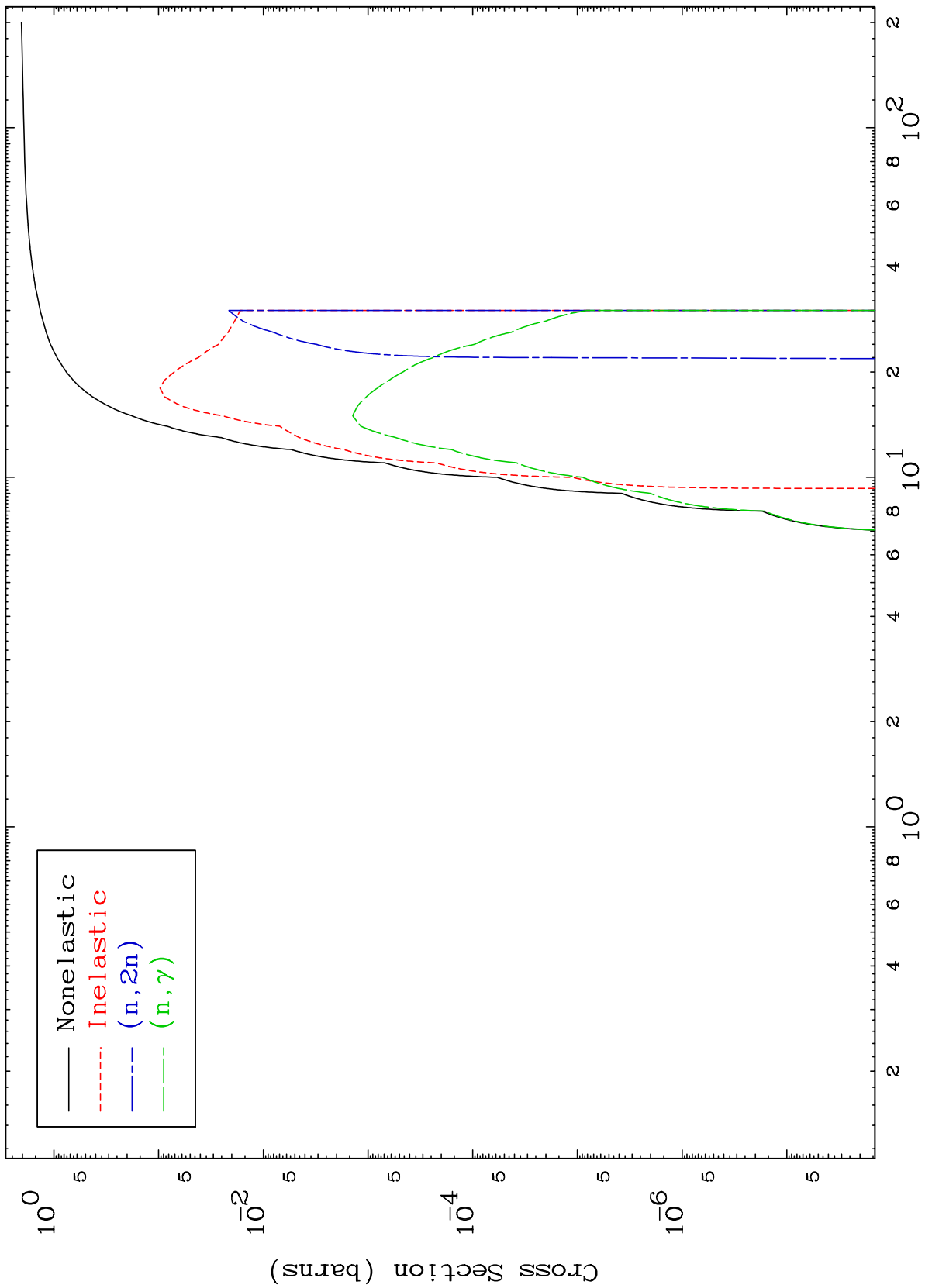
Press Mouse Button to Start

MAT 4816

α Major

48-Cd-103

0 Kelvin Cross Sections



1

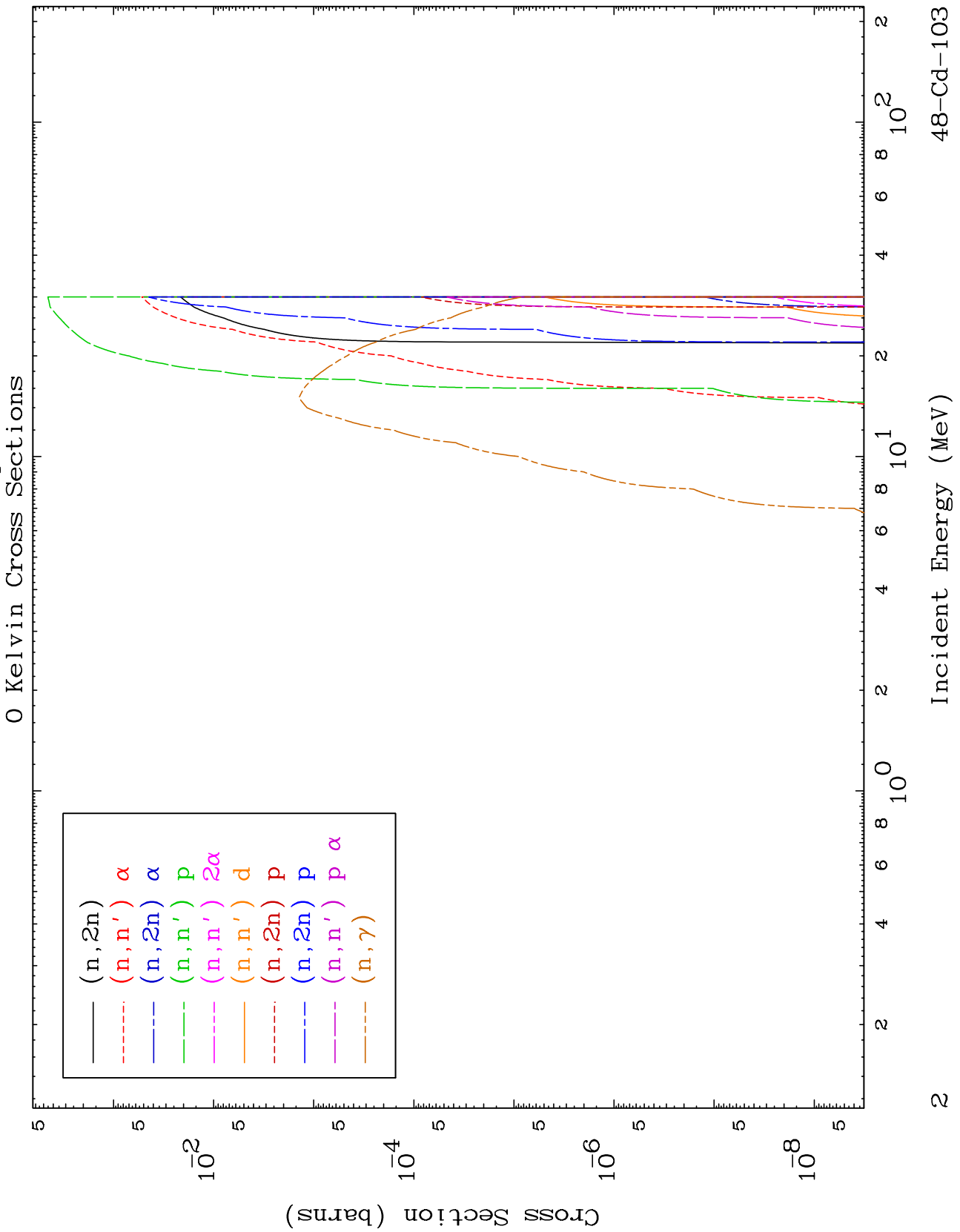
Incident Energy (MeV)

48-Cd-103

MAT 4816

α Neutron Absorption

48-Cd-103

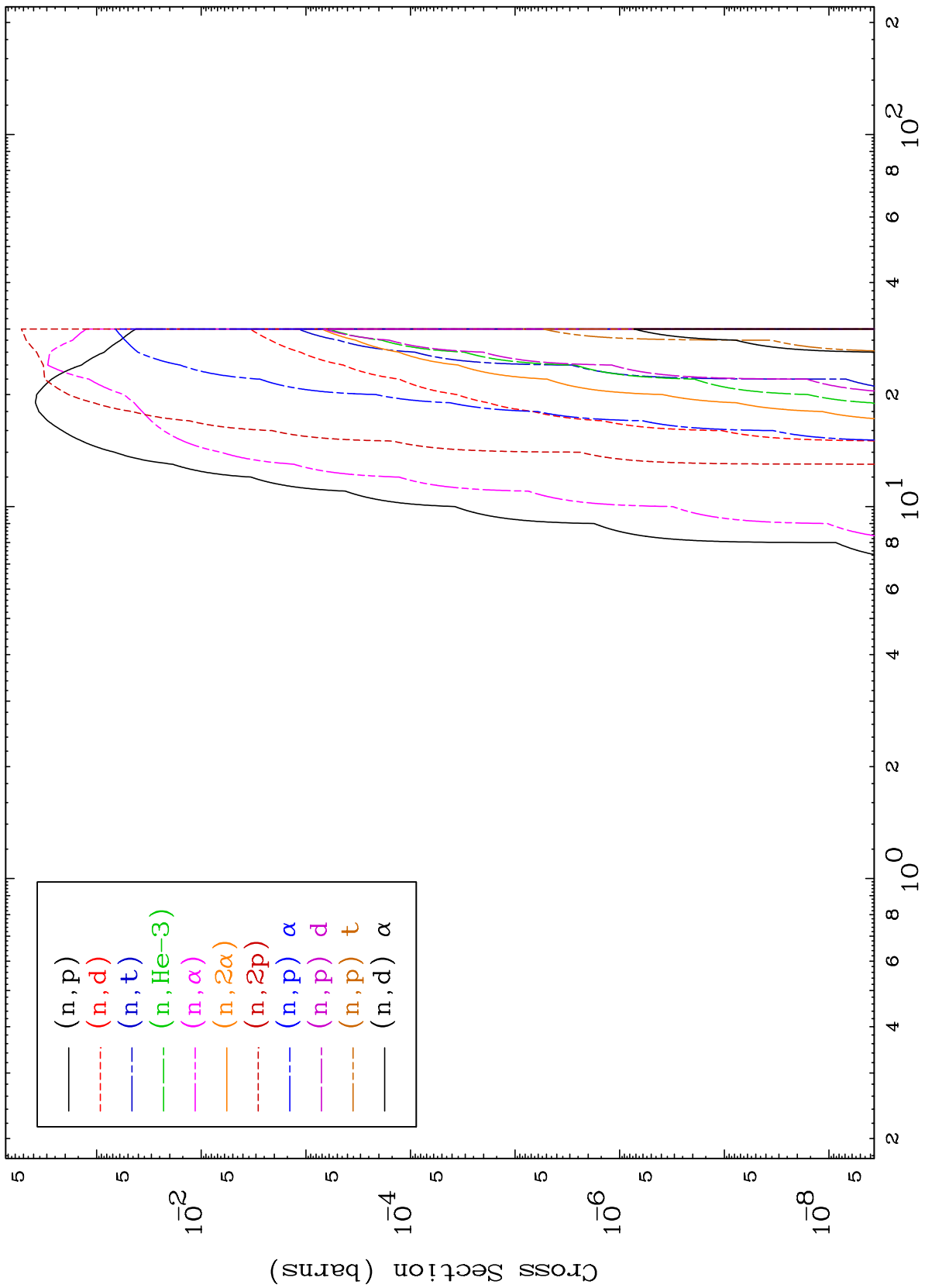


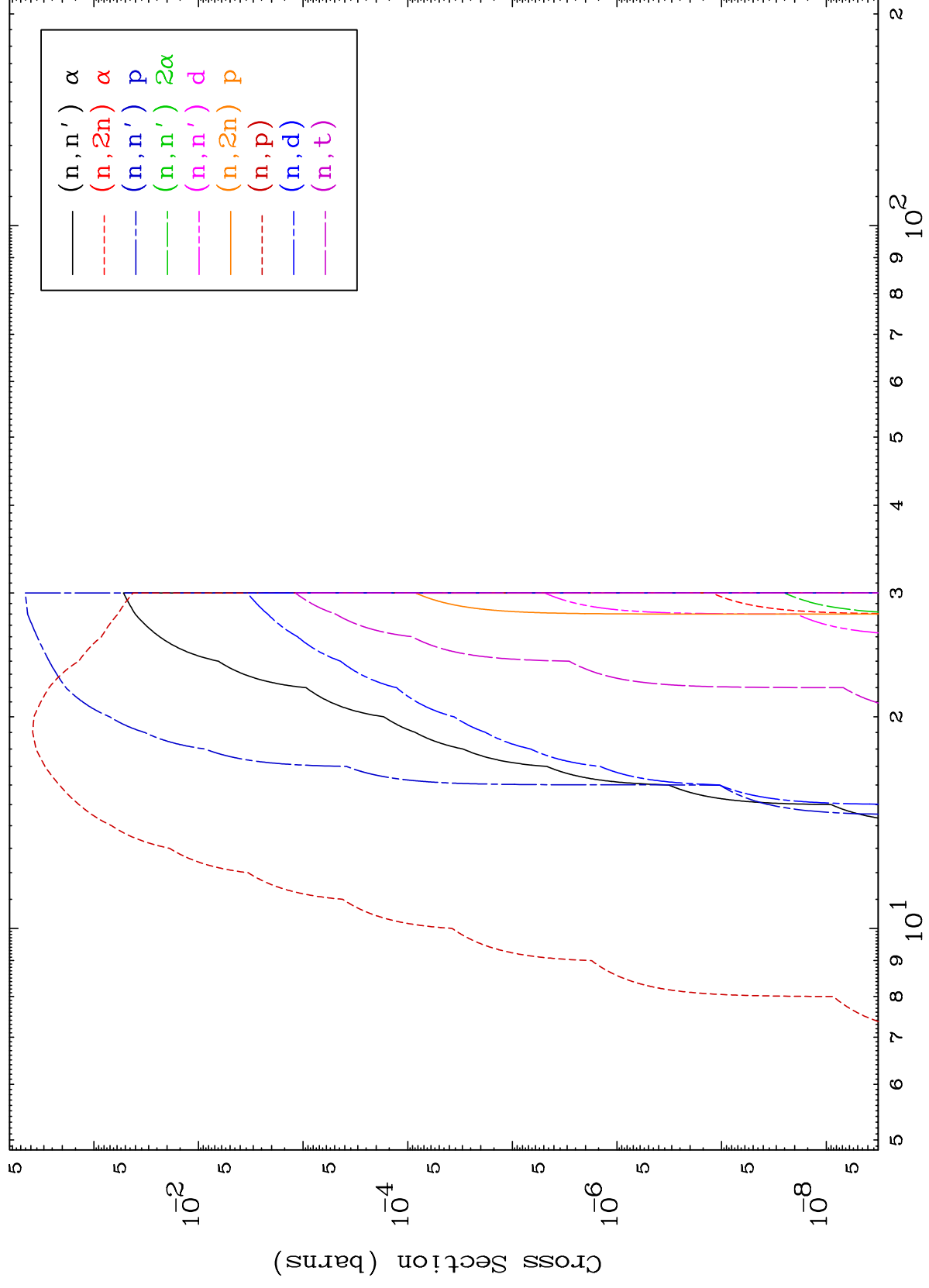
MAT 4816

α Neutron Absorption

48-Cd-103

0 Kelvin Cross Sections

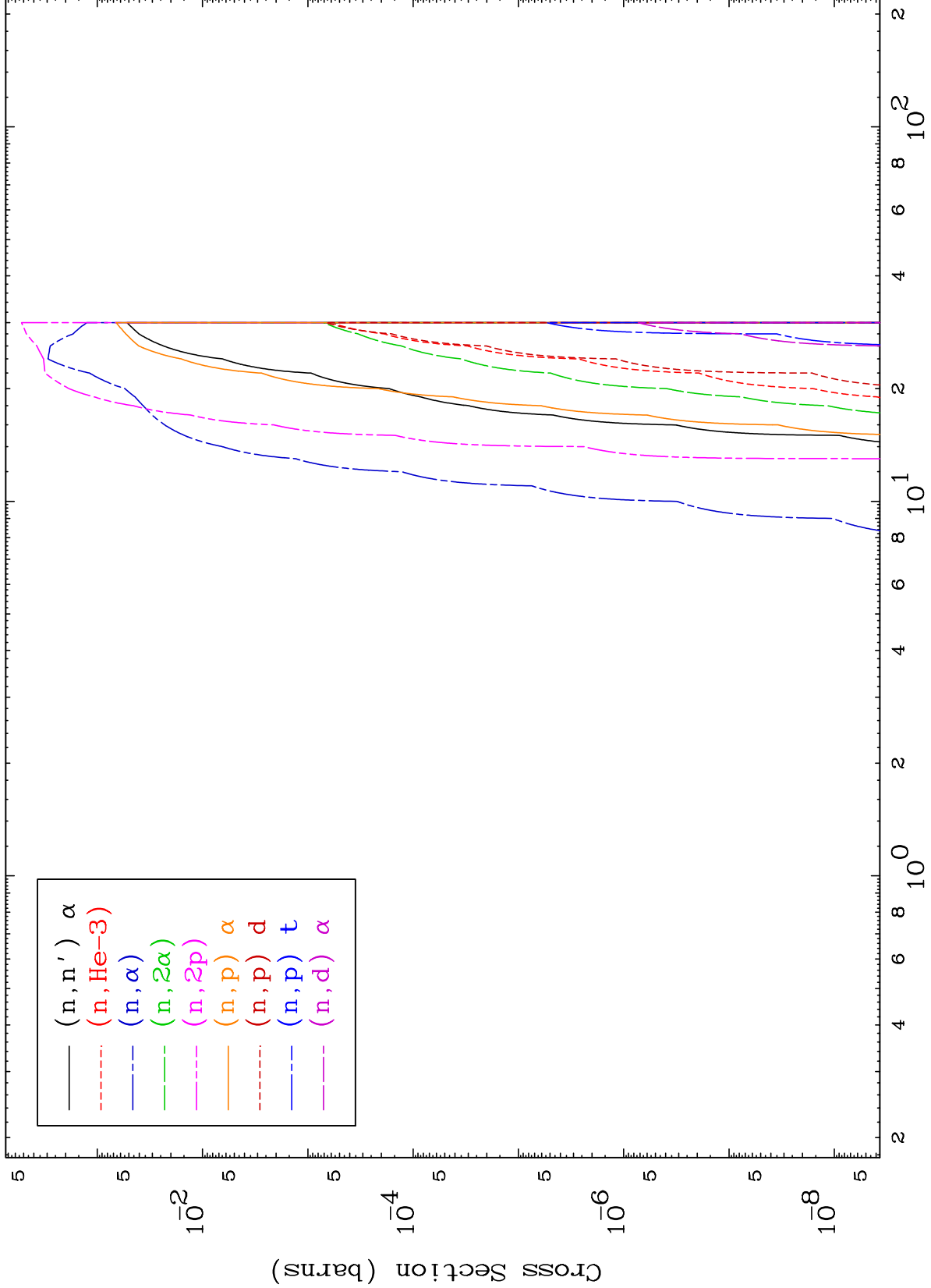




MAT 4816

α Charged Particle
0 Kelvin Cross Sections

48-Cd-103



5

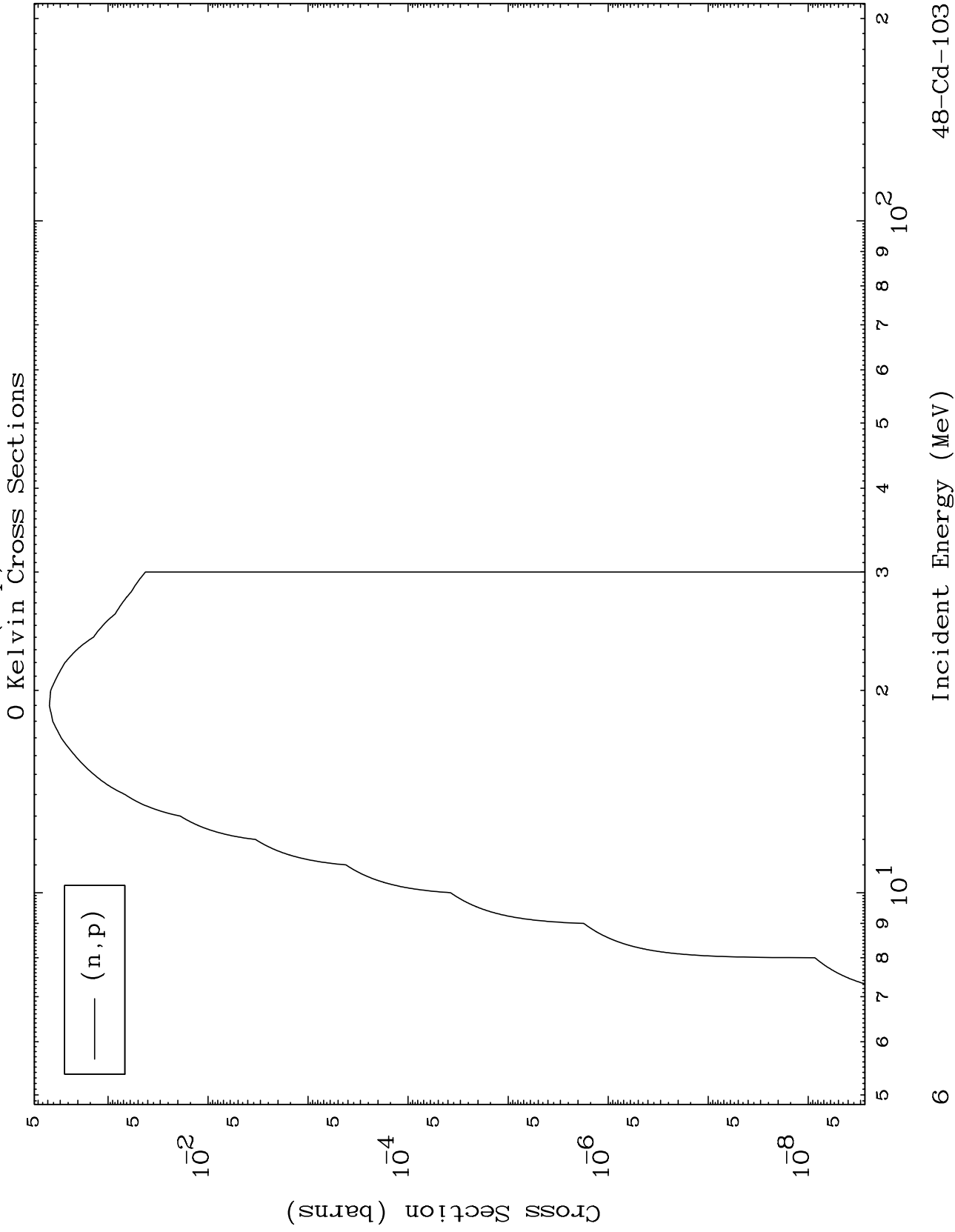
Incident Energy (MeV)

48-Cd-103

MAT 4816

(α, p) Levels

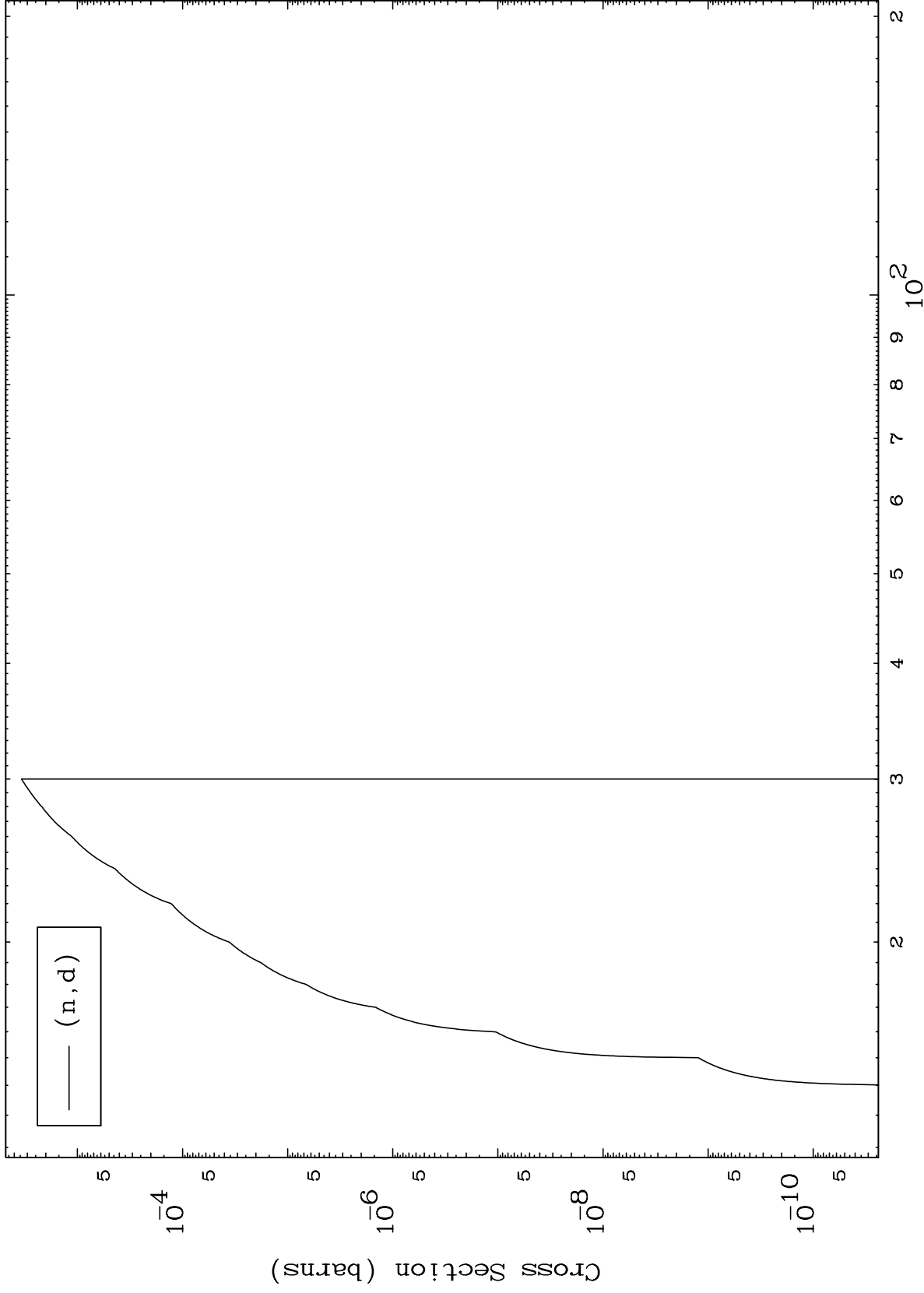
48-Cd-103



MAT 4816

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-103



7

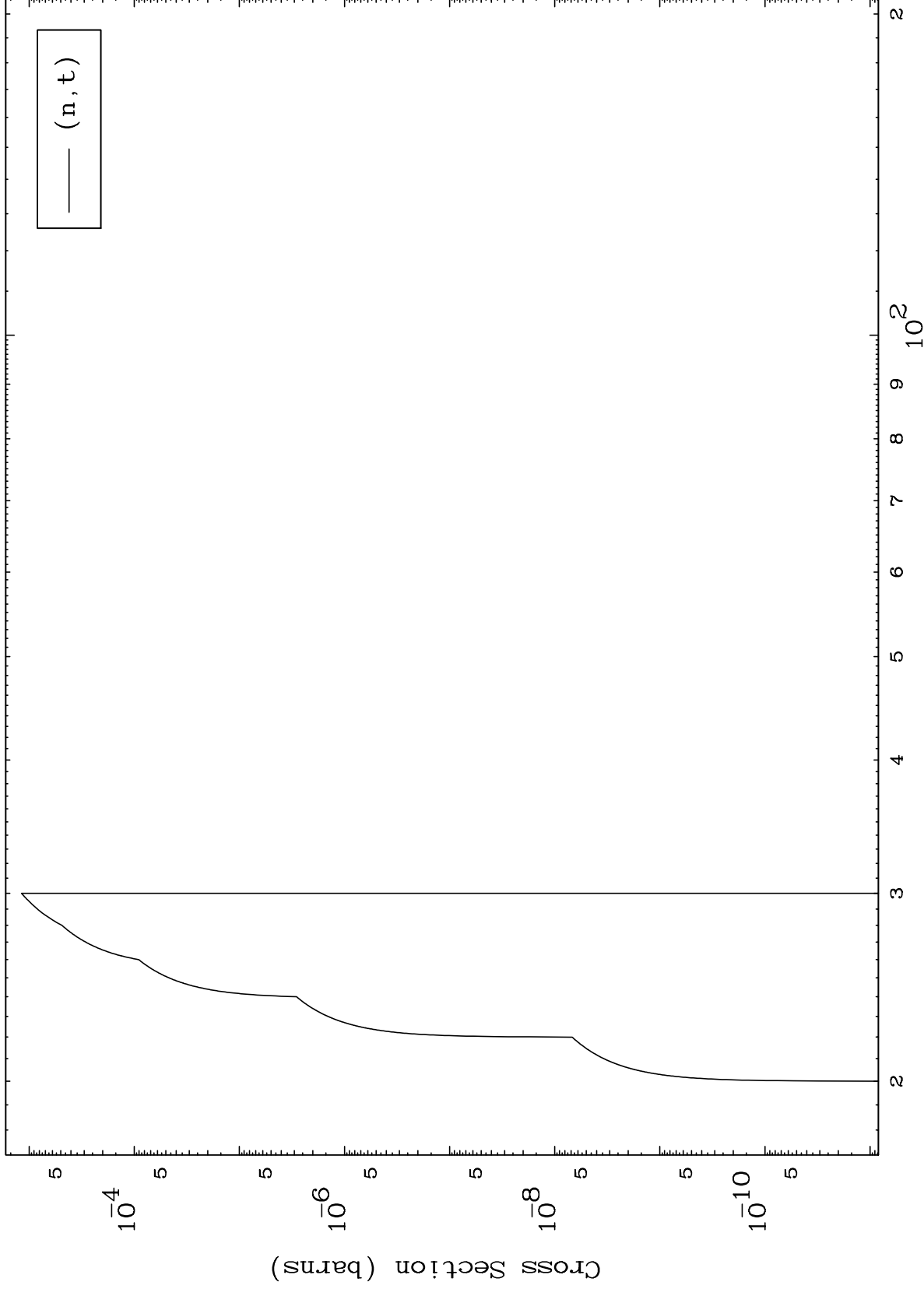
Incident Energy (MeV)

48-Cd-103

MAT 4816

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-103



8

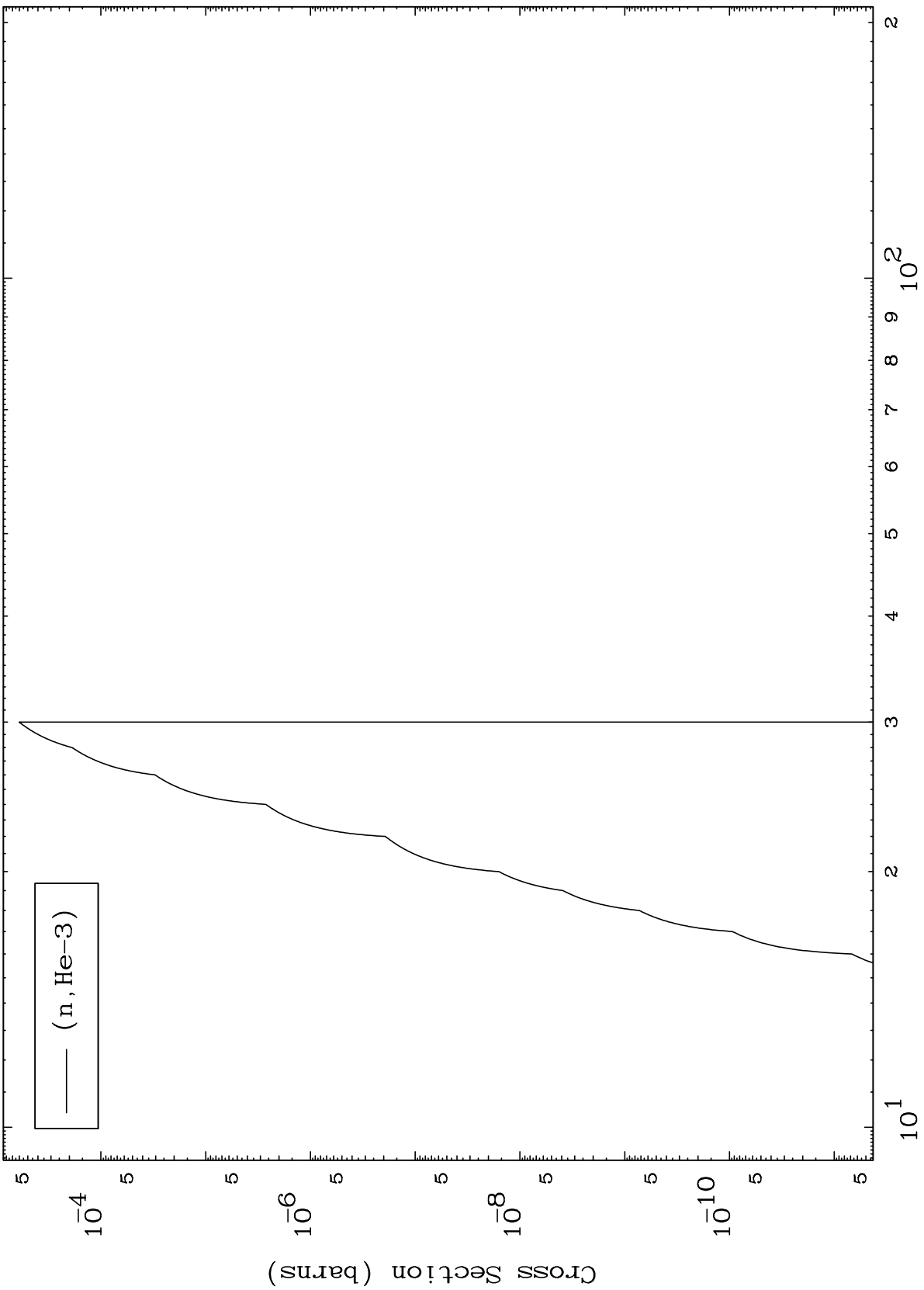
Incident Energy (MeV)

48-Cd-103

MAT 4816

48-Cd-103

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



48-Cd-103

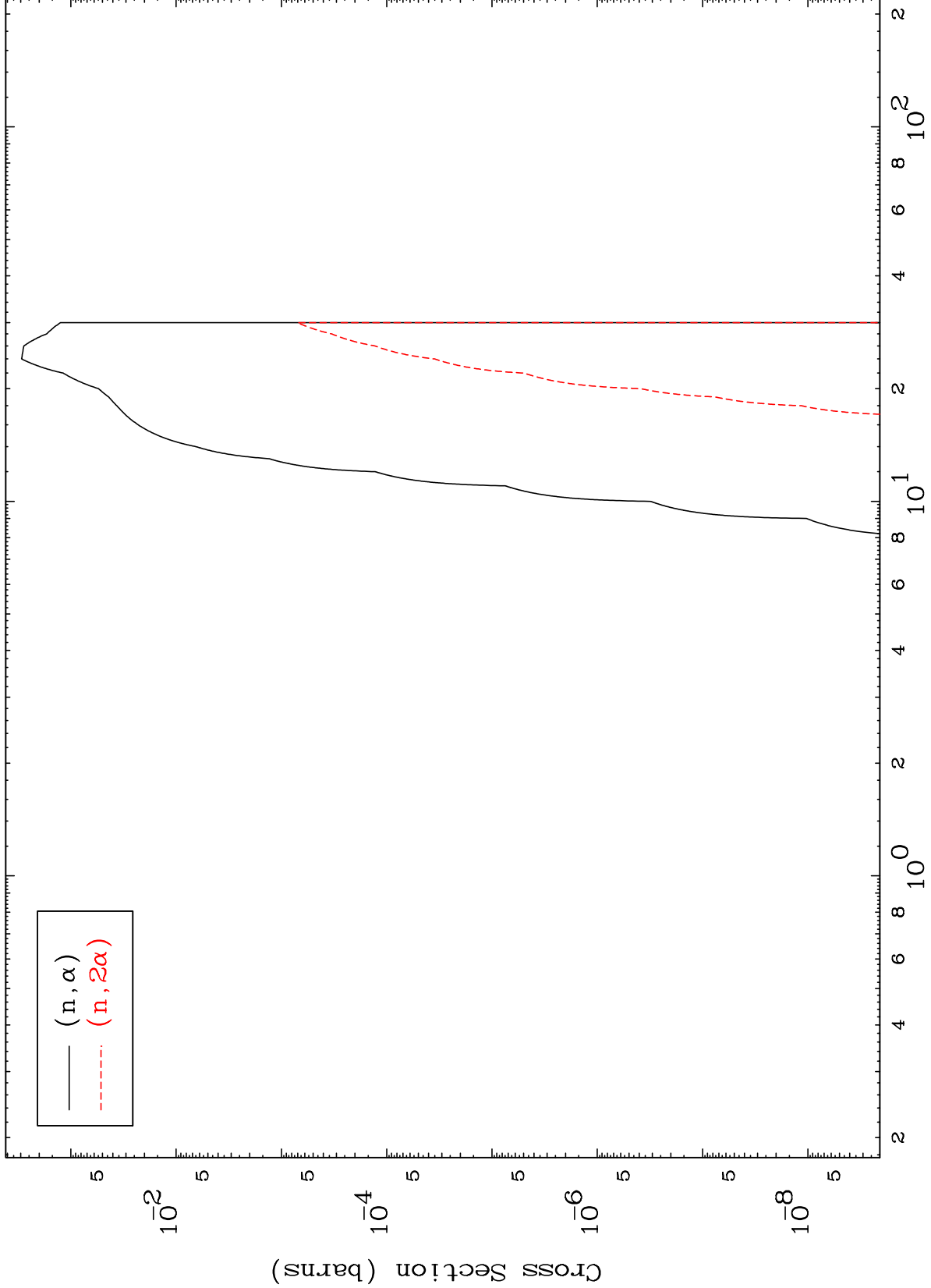
Incident Energy (MeV)

MAT 4816

(α, α) Levels

48-Cd-103

0 Kelvin Cross Sections

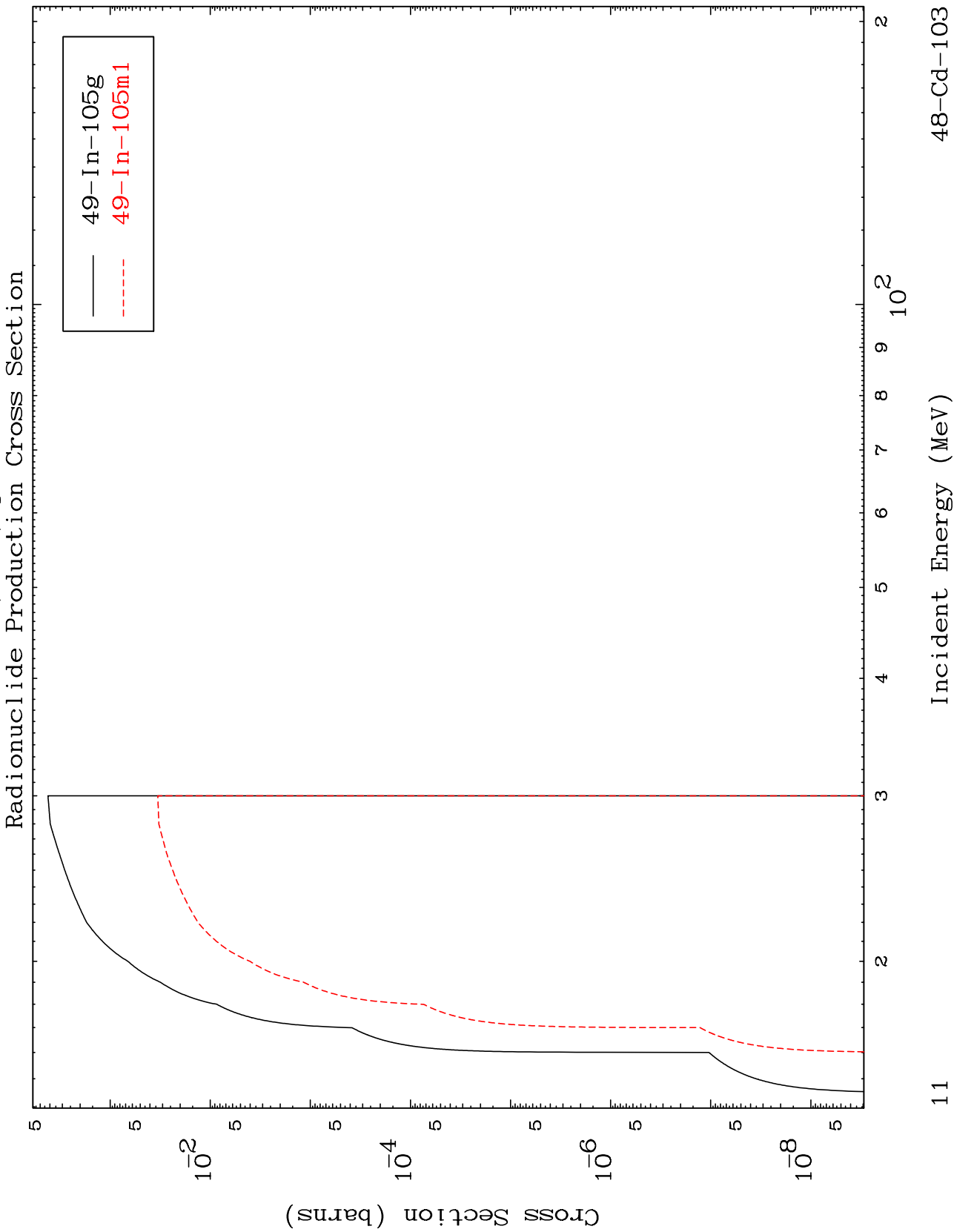


— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

48-Cd-103

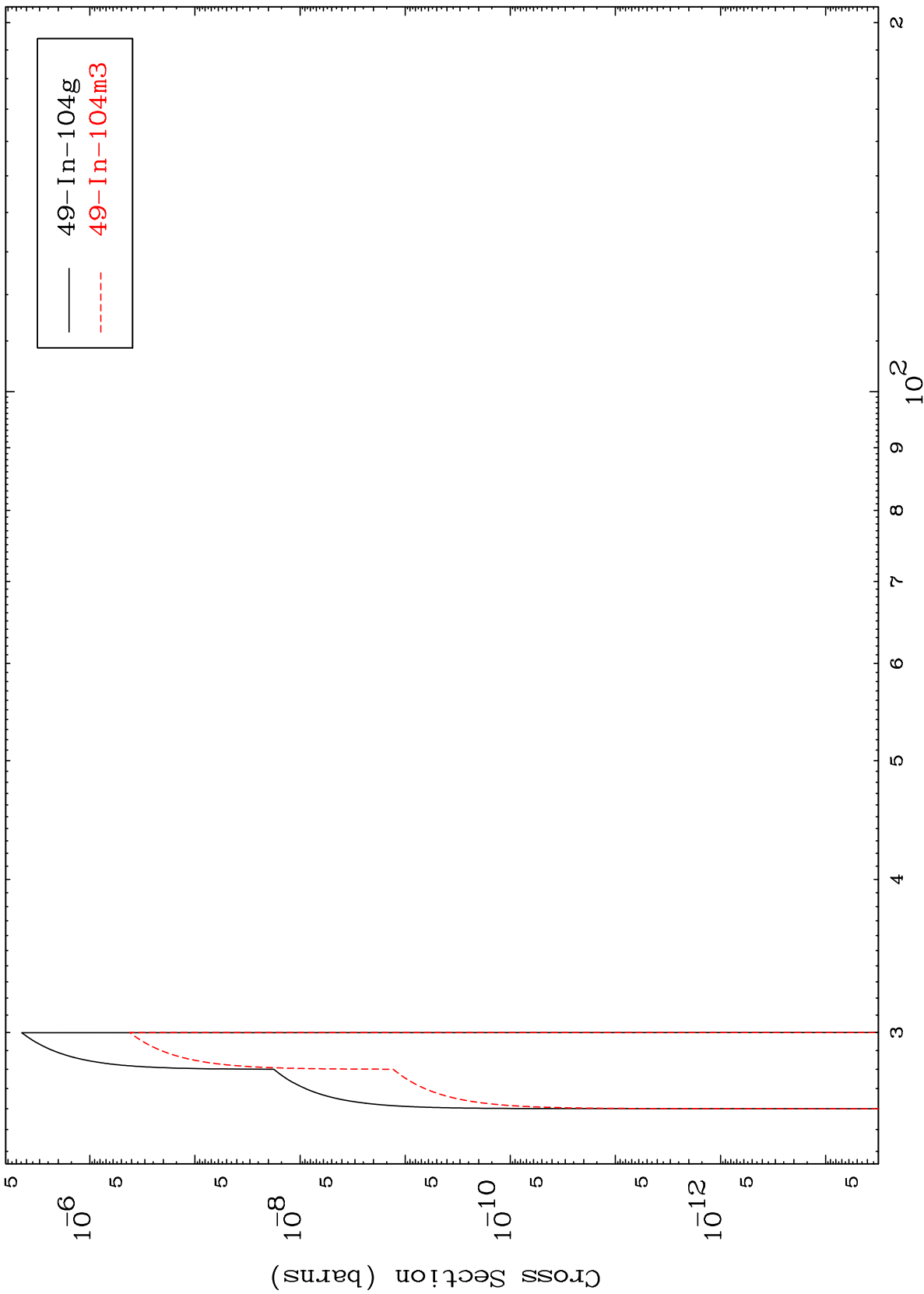


MAT 4816

(n,n') d

48-Cd-103

Radionuclide Production Cross Section



12

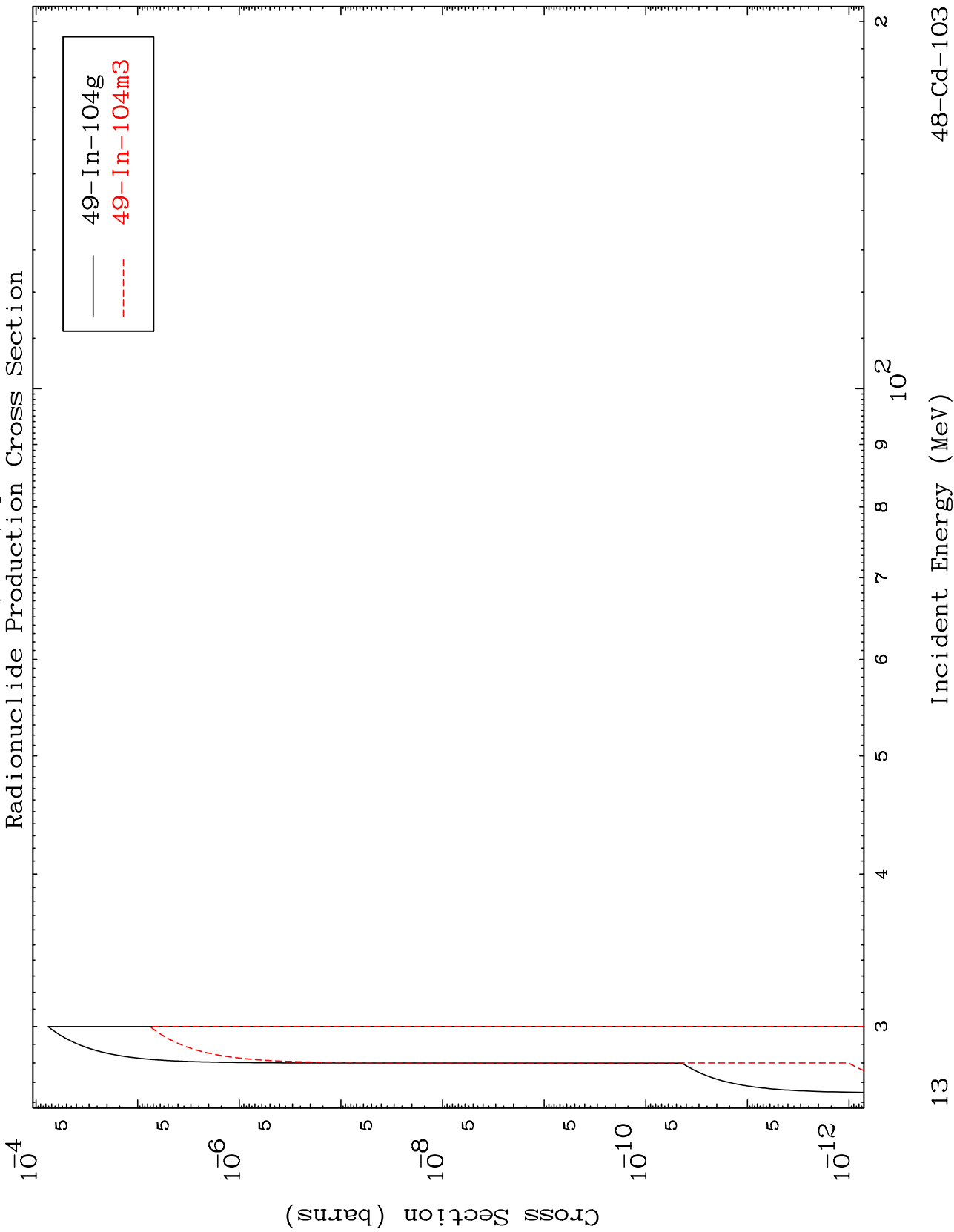
Incident Energy (MeV)

48-Cd-103

MAT 4816

(n,2n) p

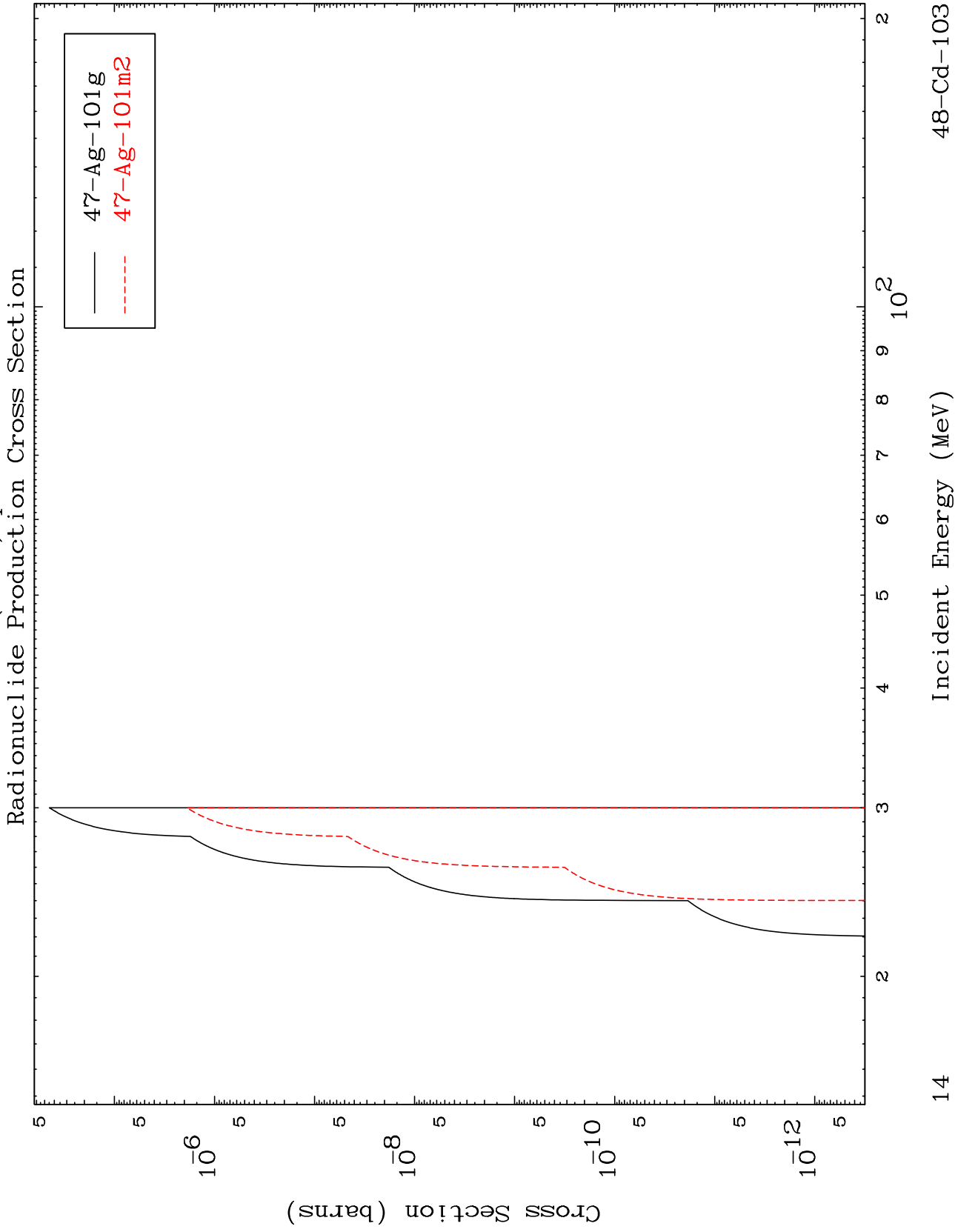
48-Cd-103



MAT 4816

(n,n') p α

48-Cd-103

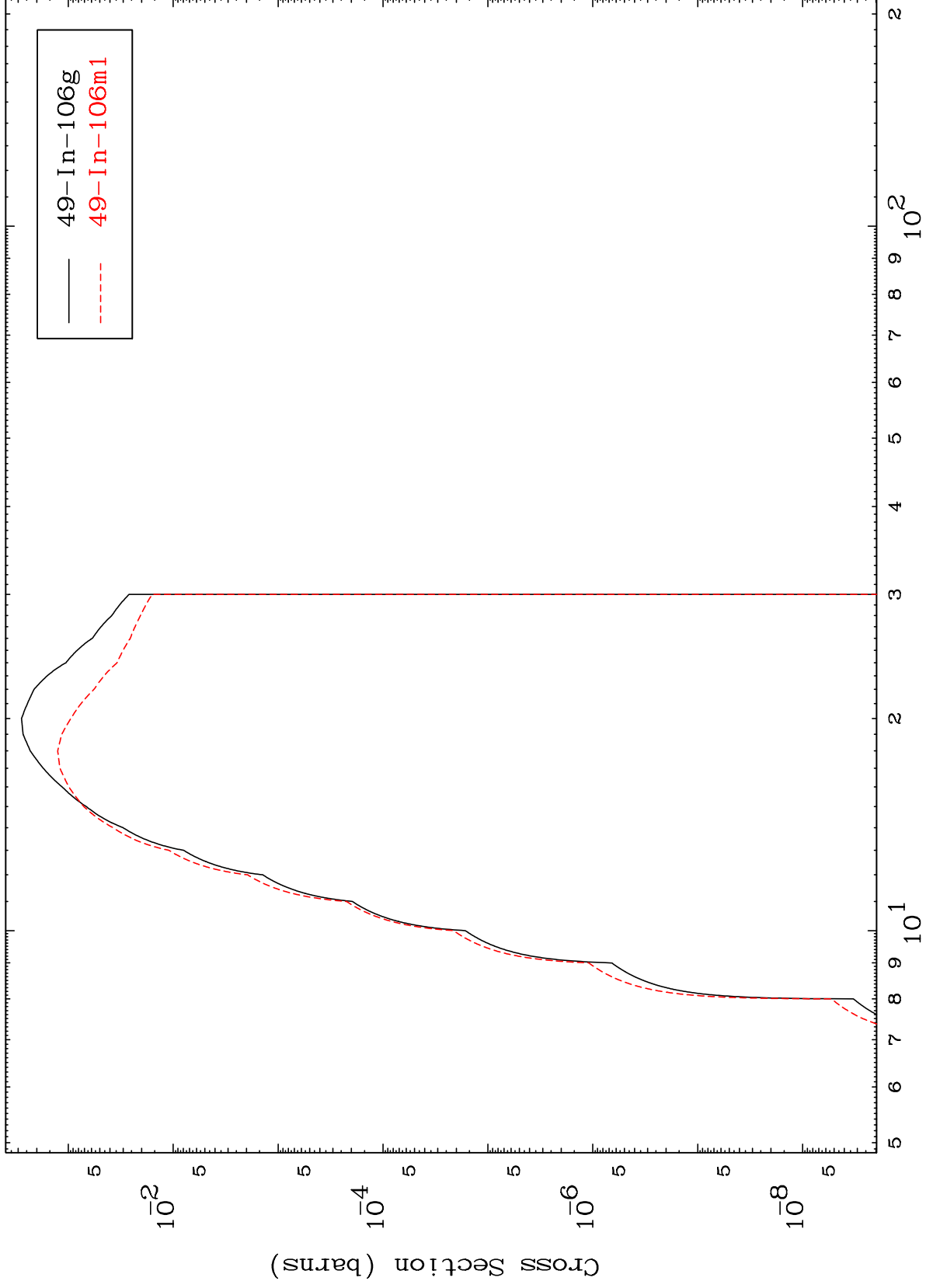


14

MAT 4816

48-Cd-103

(n,p)
Radionuclide Production Cross Section

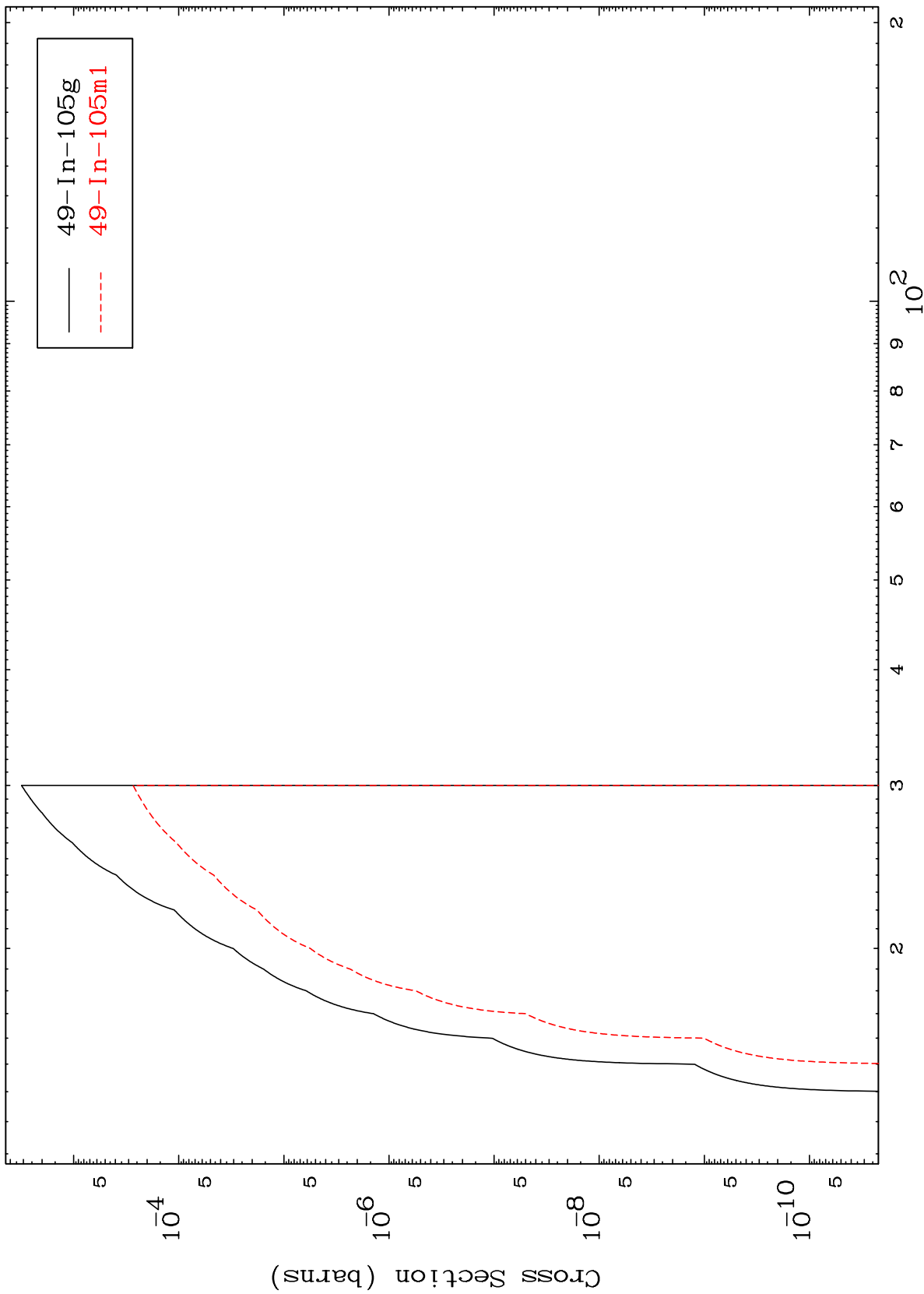


15

Incident Energy (MeV)

48-Cd-103

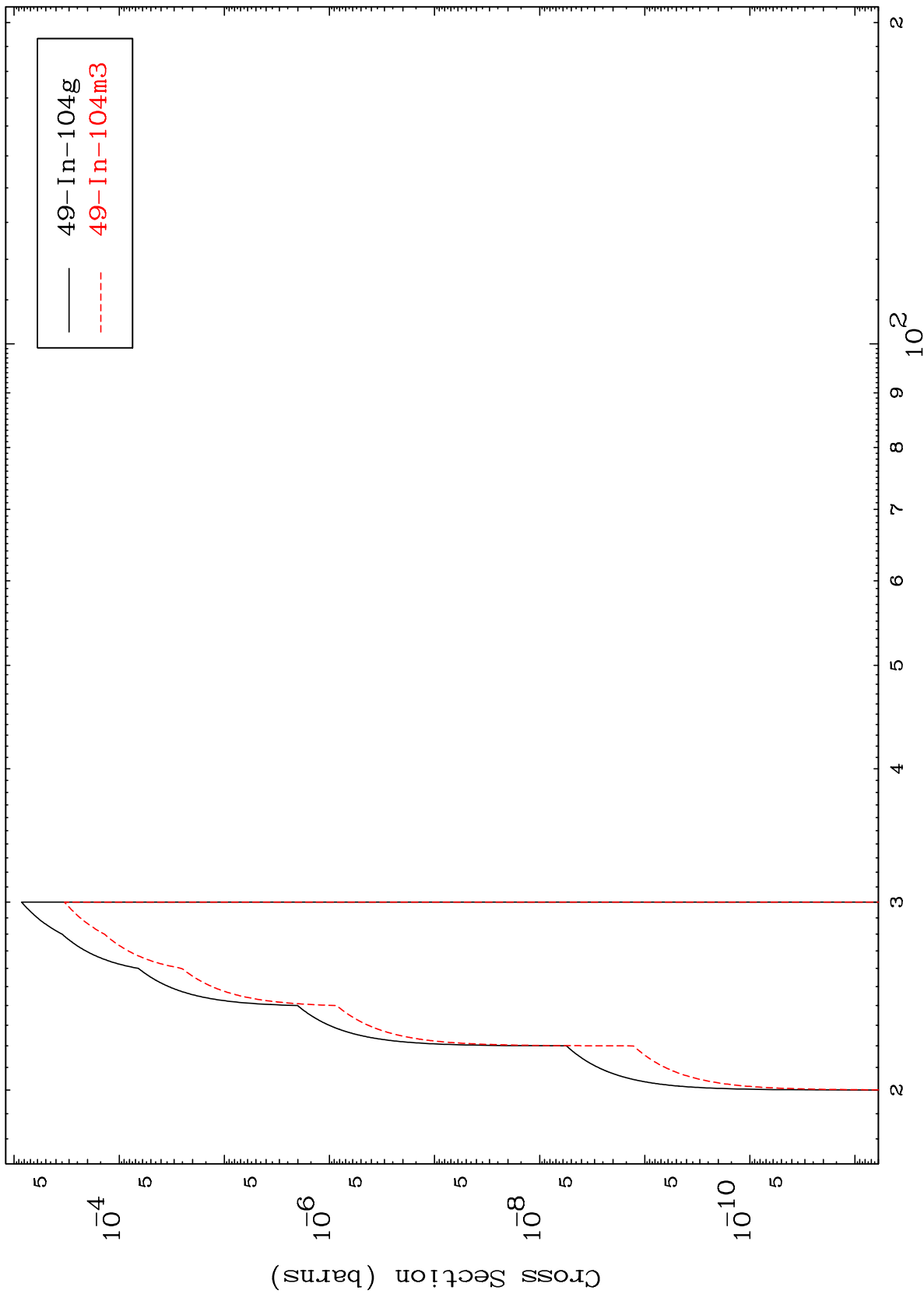
(n,d)
Radionuclide Production Cross Section



MAT 4816

48-Cd-103

(n, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

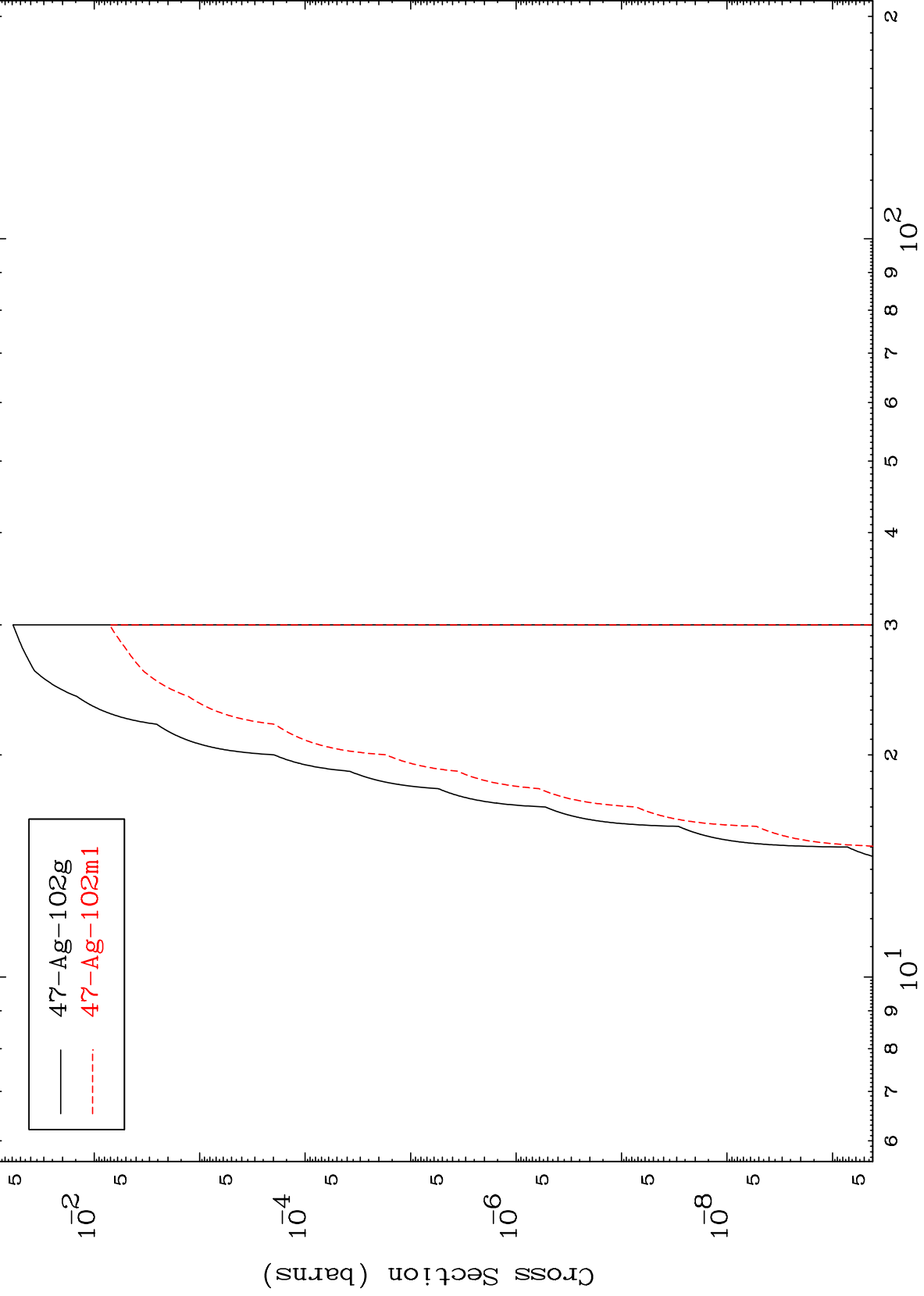
48-Cd-103

MAT 4816

(n,p) α

48-Cd-103

Radionuclide Production Cross Section



18

Incident Energy (MeV)

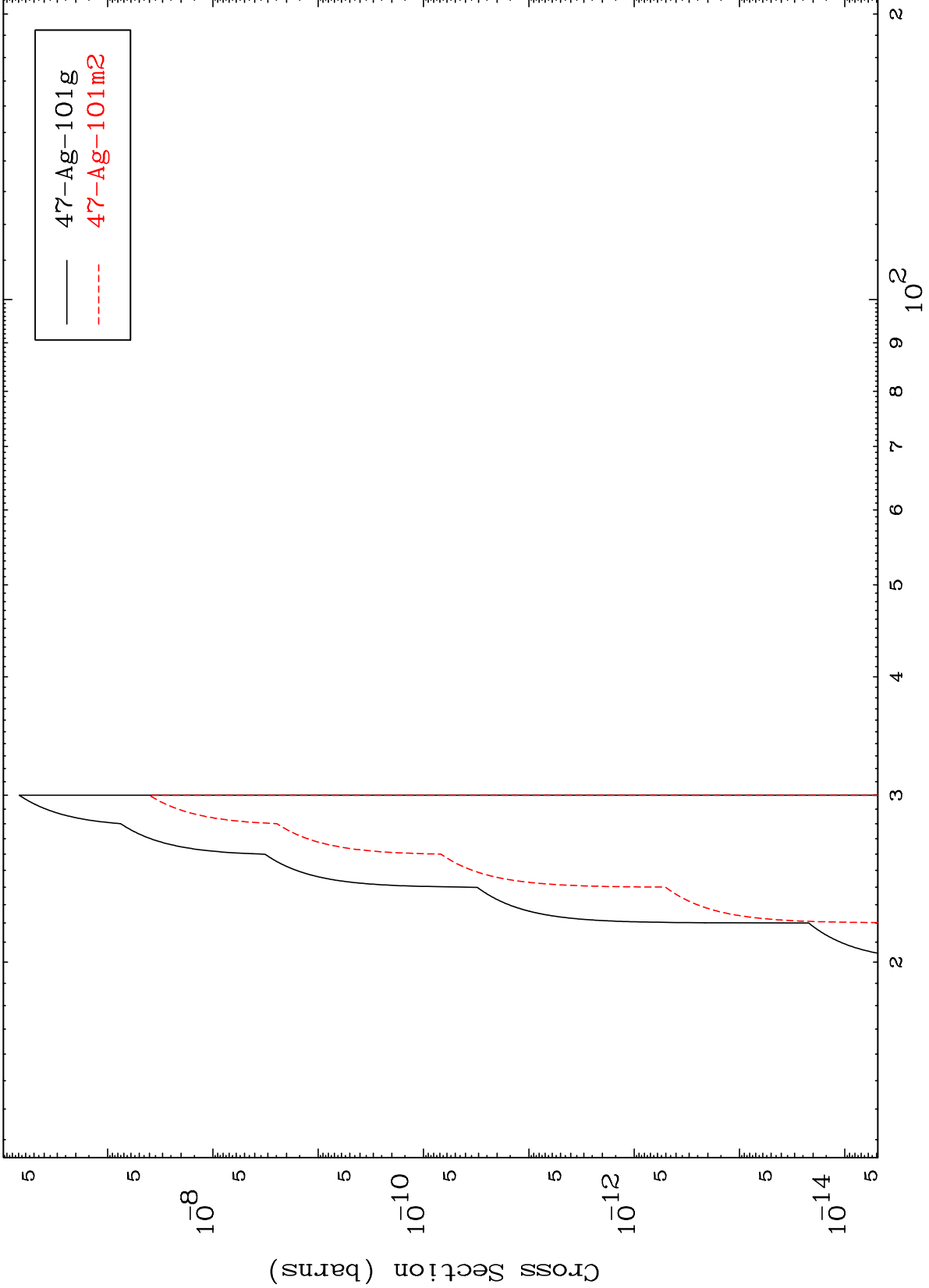
48-Cd-103

MAT 4816

(n,d) α

48-Cd-103

Radionuclide Production Cross Section



19

Incident Energy (MeV)

48-Cd-103