

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

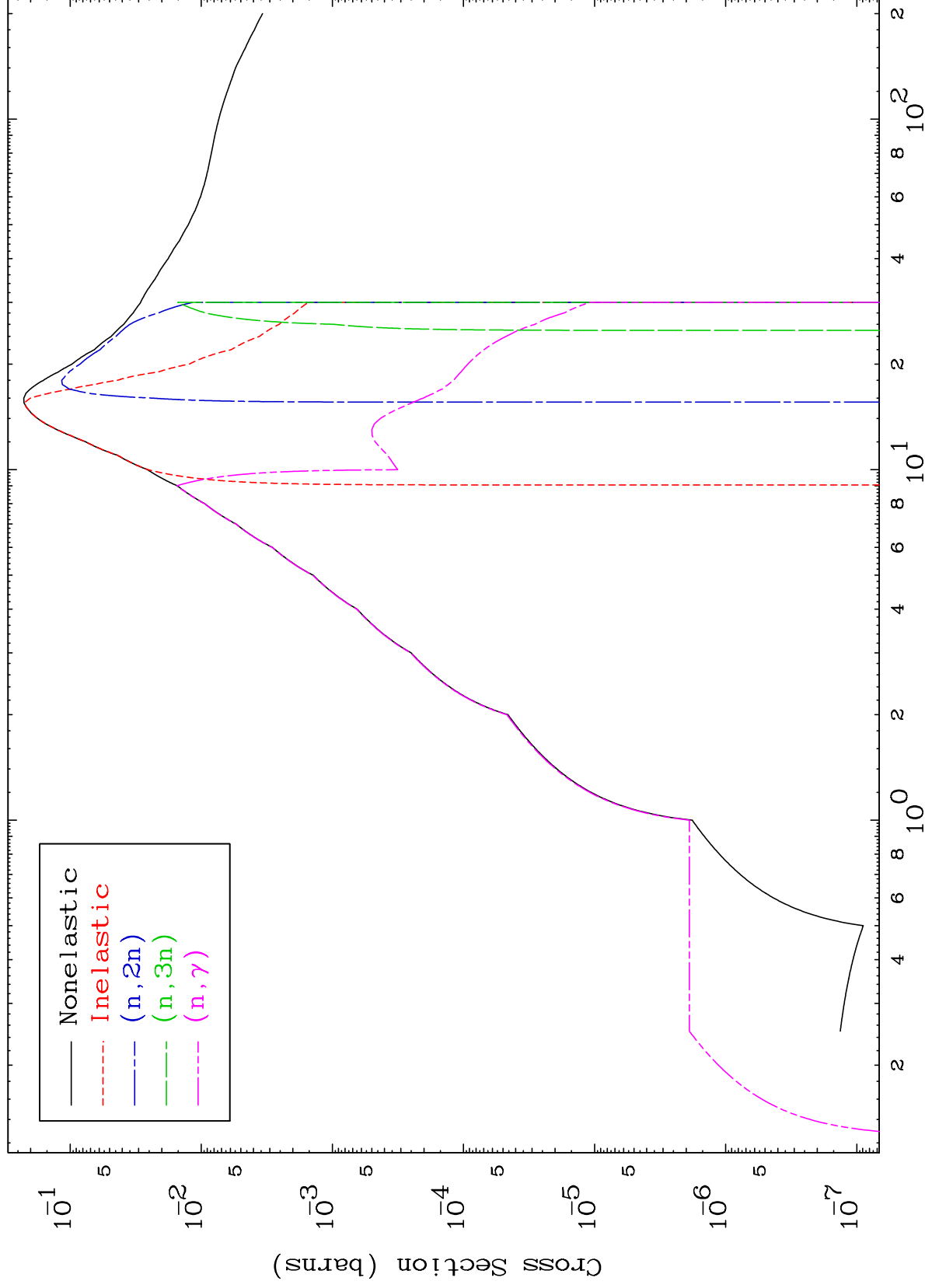
Press Mouse Button to Start

MAT 4849

Photon Major

48-Cd-114

0 Kelvin Cross Sections



1

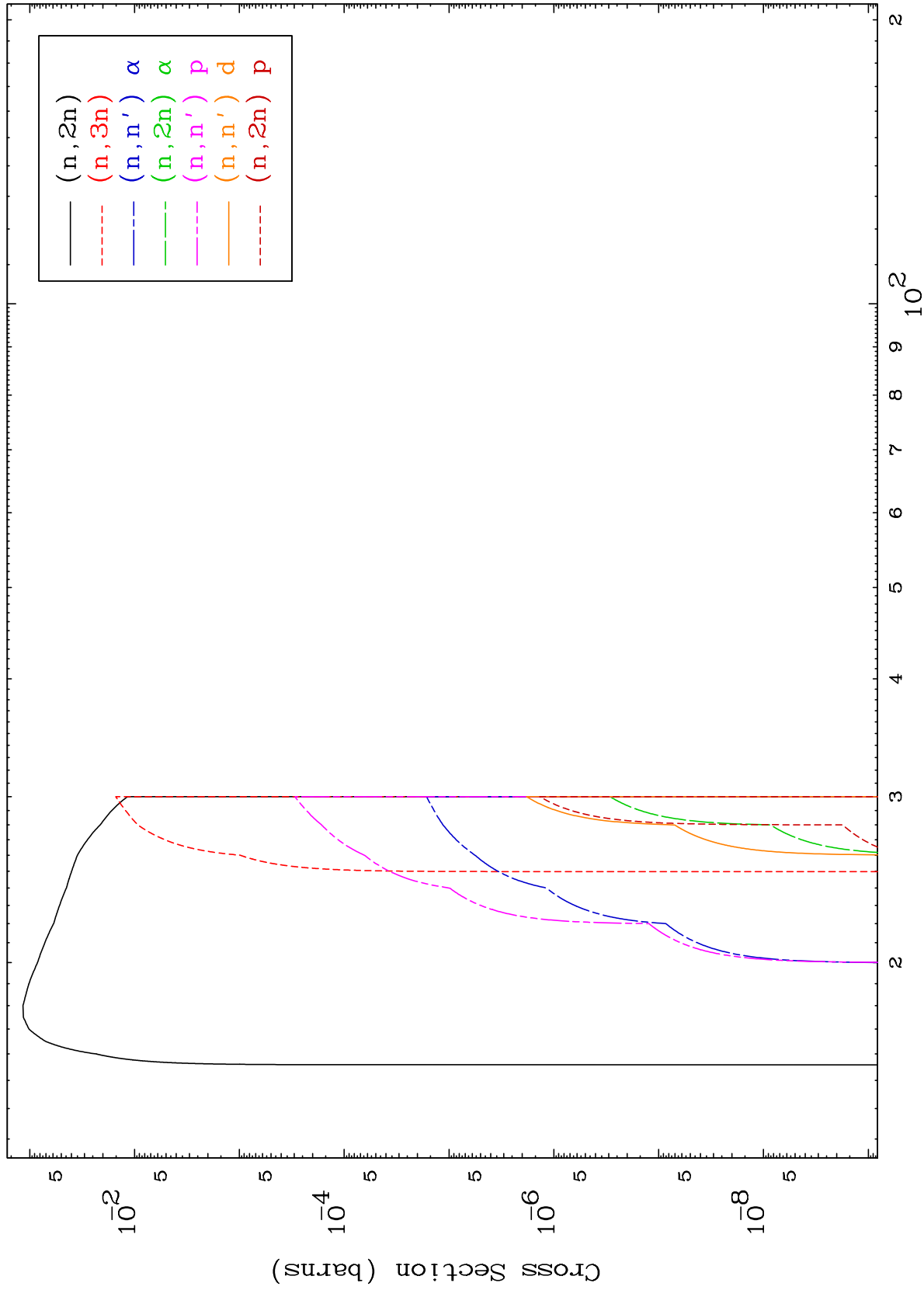
Incident Energy (MeV)

48-Cd-114

MAT 4849

Photon Neutron Absorption
0 Kelvin Cross Sections

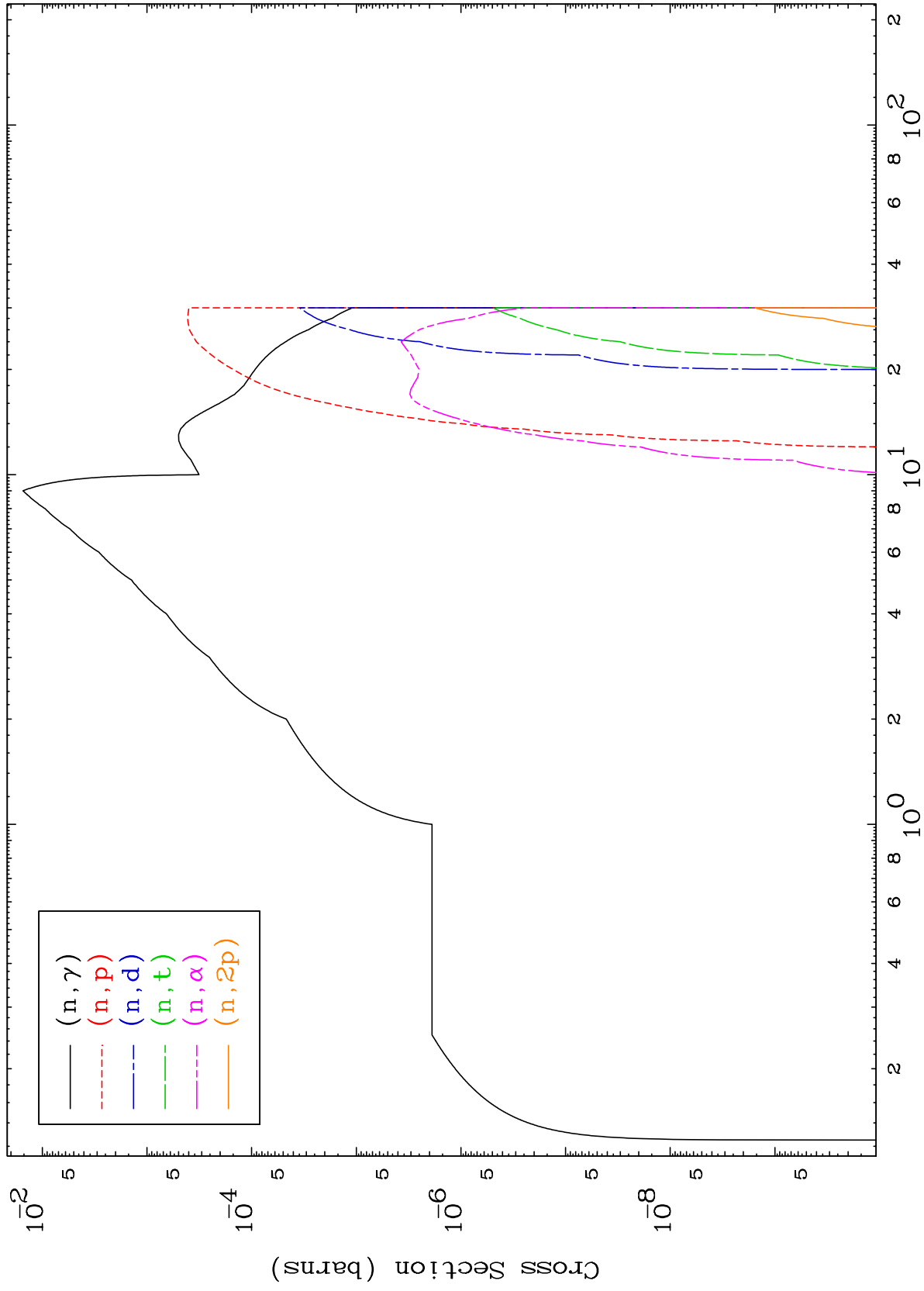
48-Cd-114

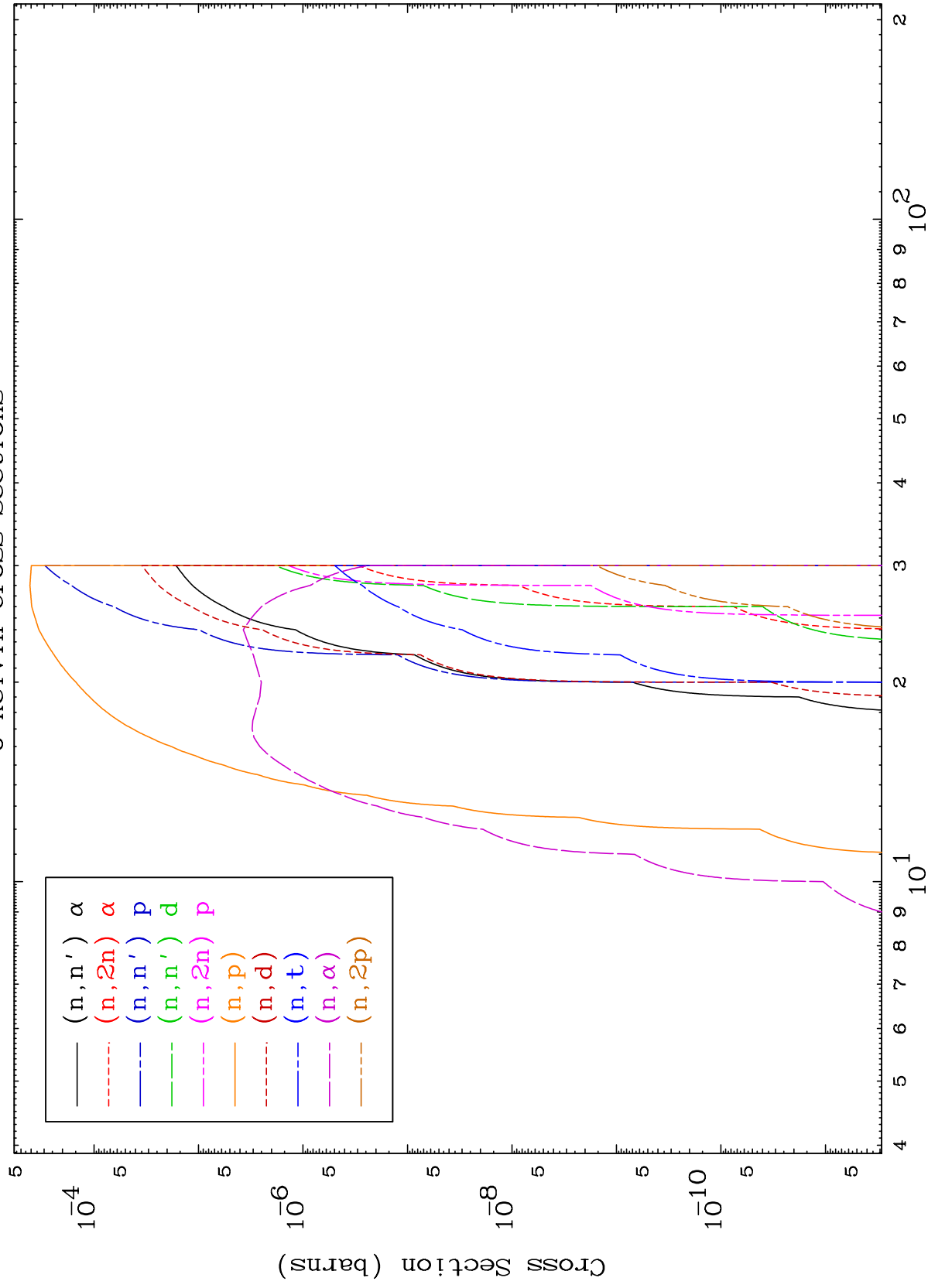


2

Incident Energy (MeV)

48-Cd-114

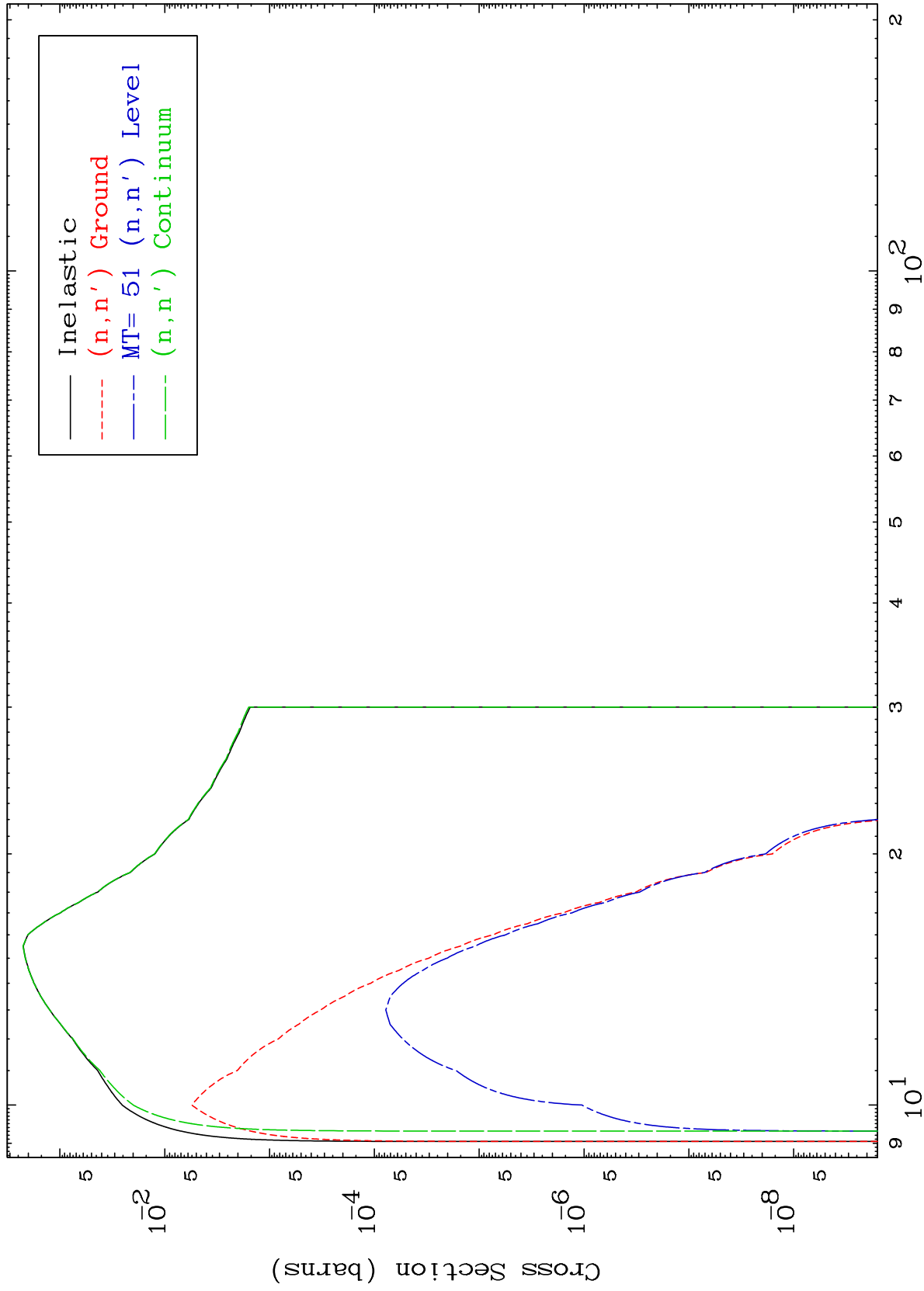




MAT 4849

(γ, n') Levels
0 Kelvin Cross Sections

48-Cd-114



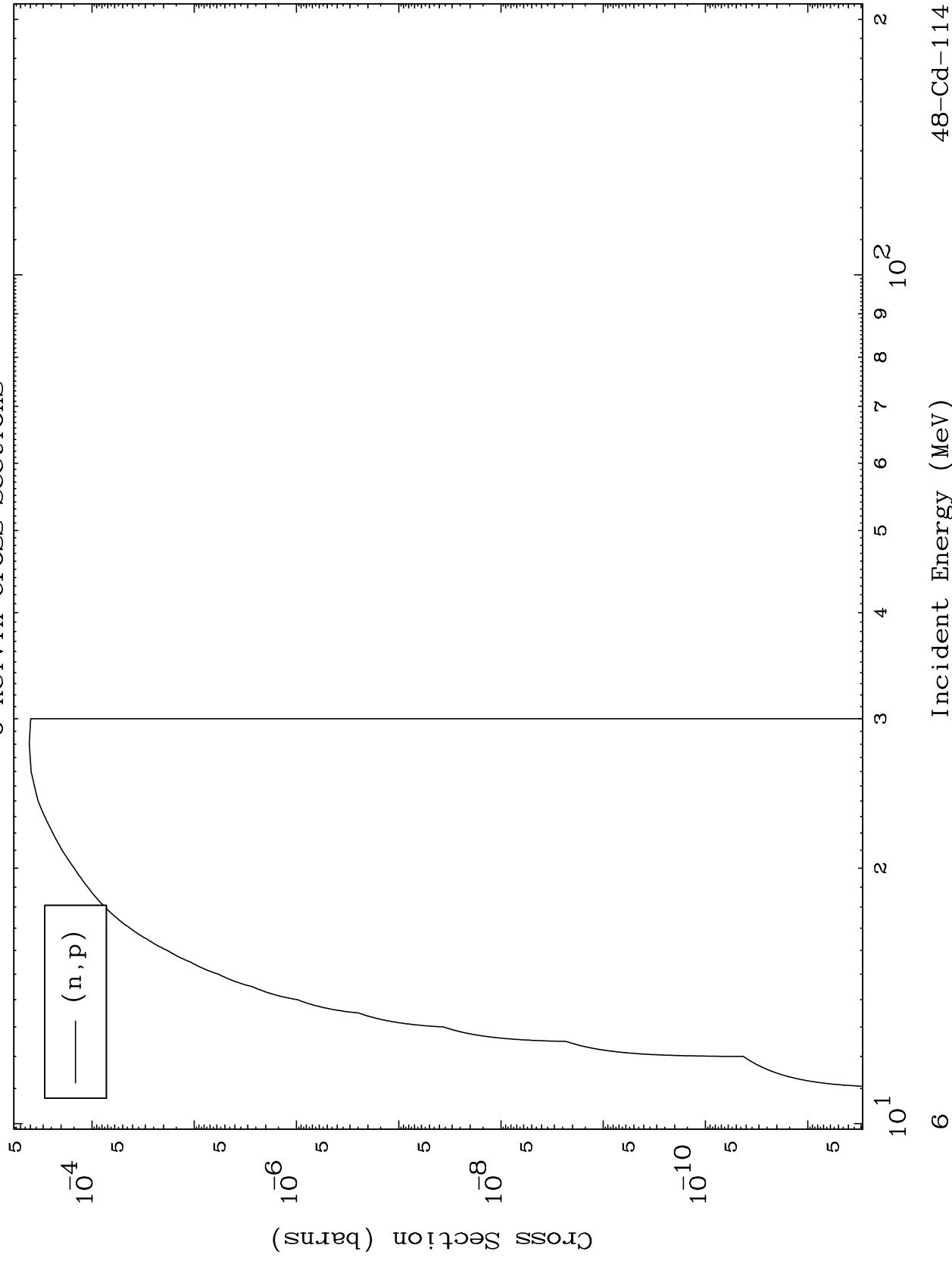
Incident Energy (MeV)

48-Cd-114

MAT 4849

(γ ,p) Levels
0 Kelvin Cross Sections

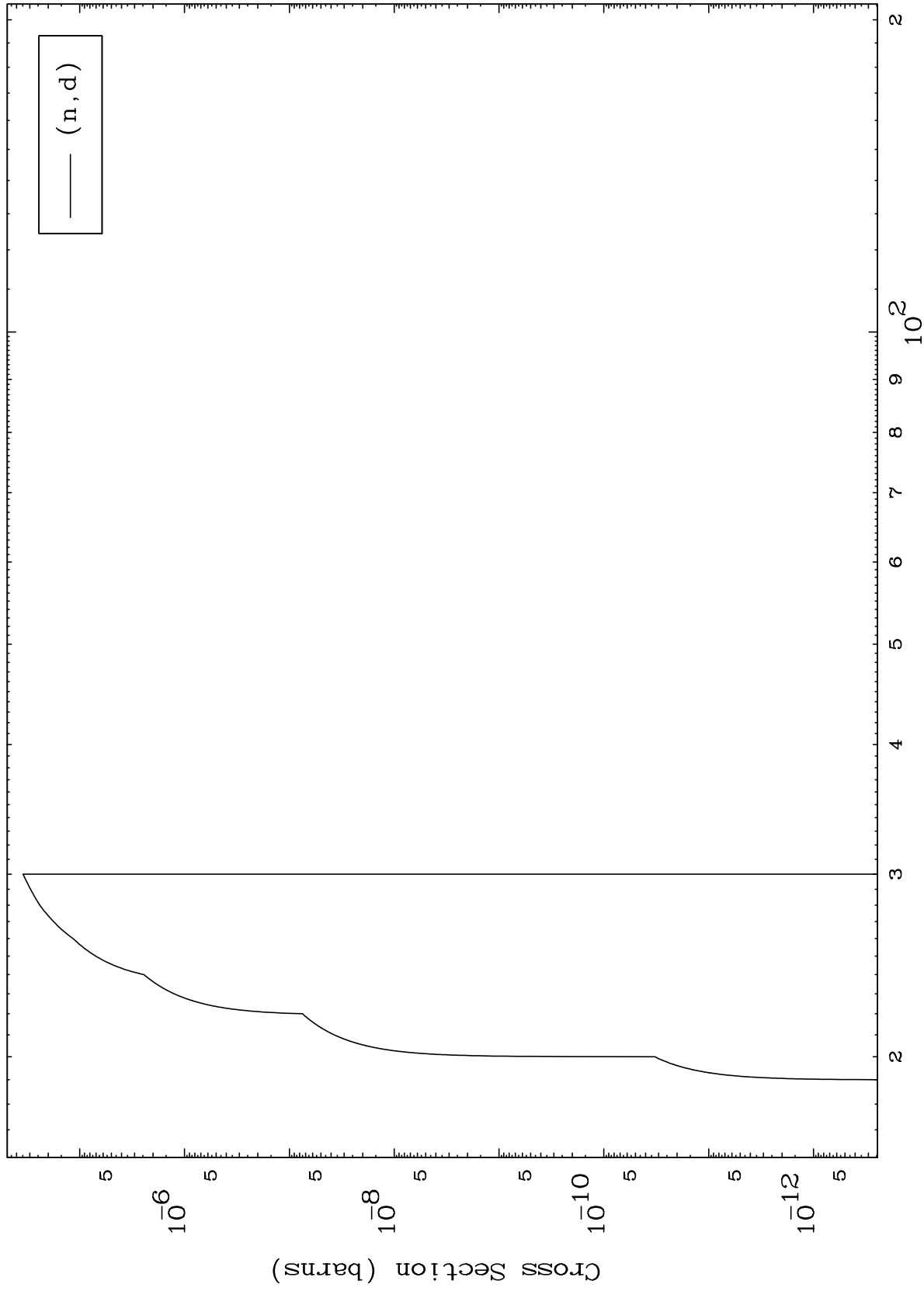
48-Cd-114



MAT 4849

(γ ,d) Levels
0 Kelvin Cross Sections

48-Cd-114



7

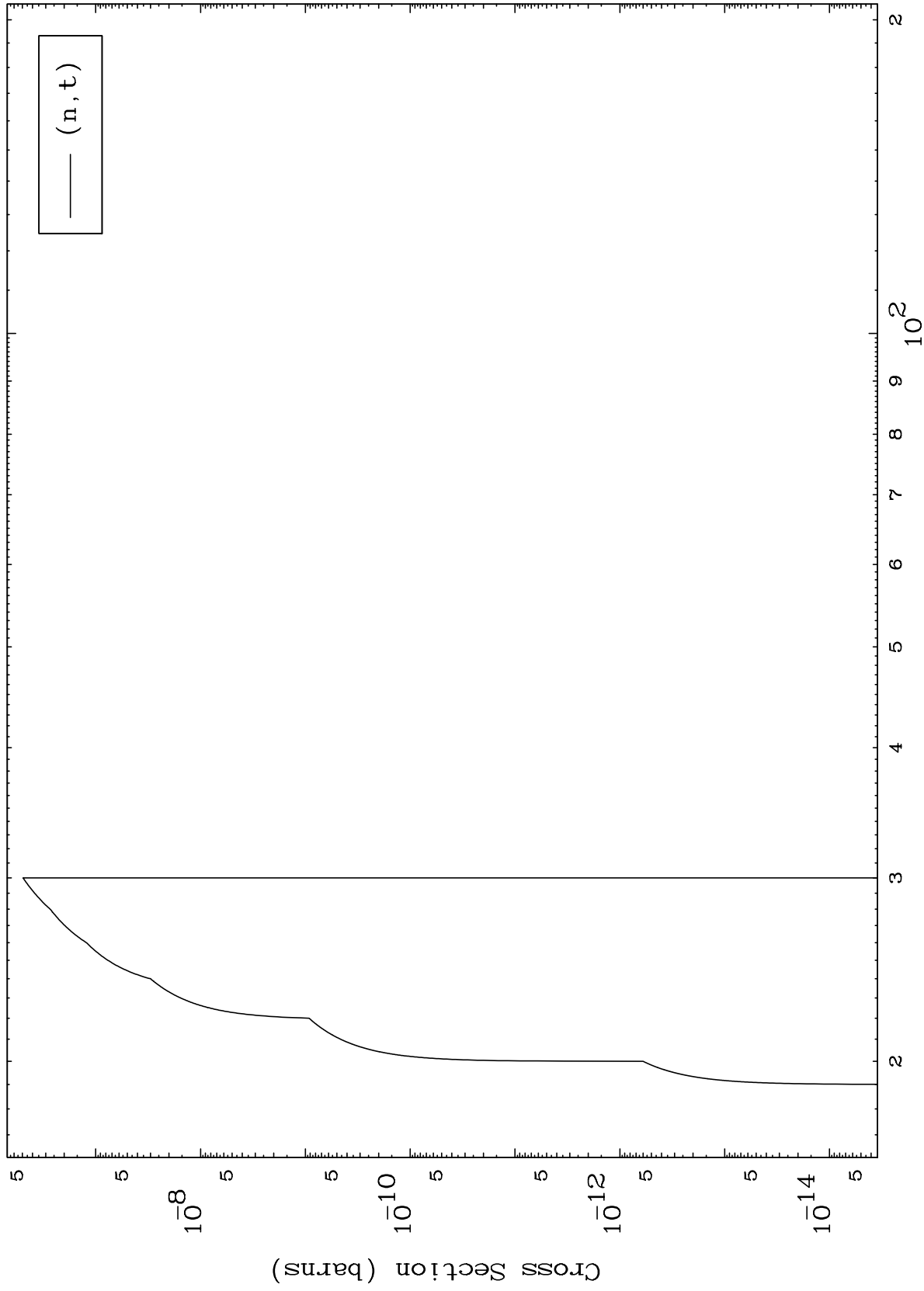
Incident Energy (MeV)

48-Cd-114

MAT 4849

(γ, t) Levels
0 Kelvin Cross Sections

48-Cd-114



8

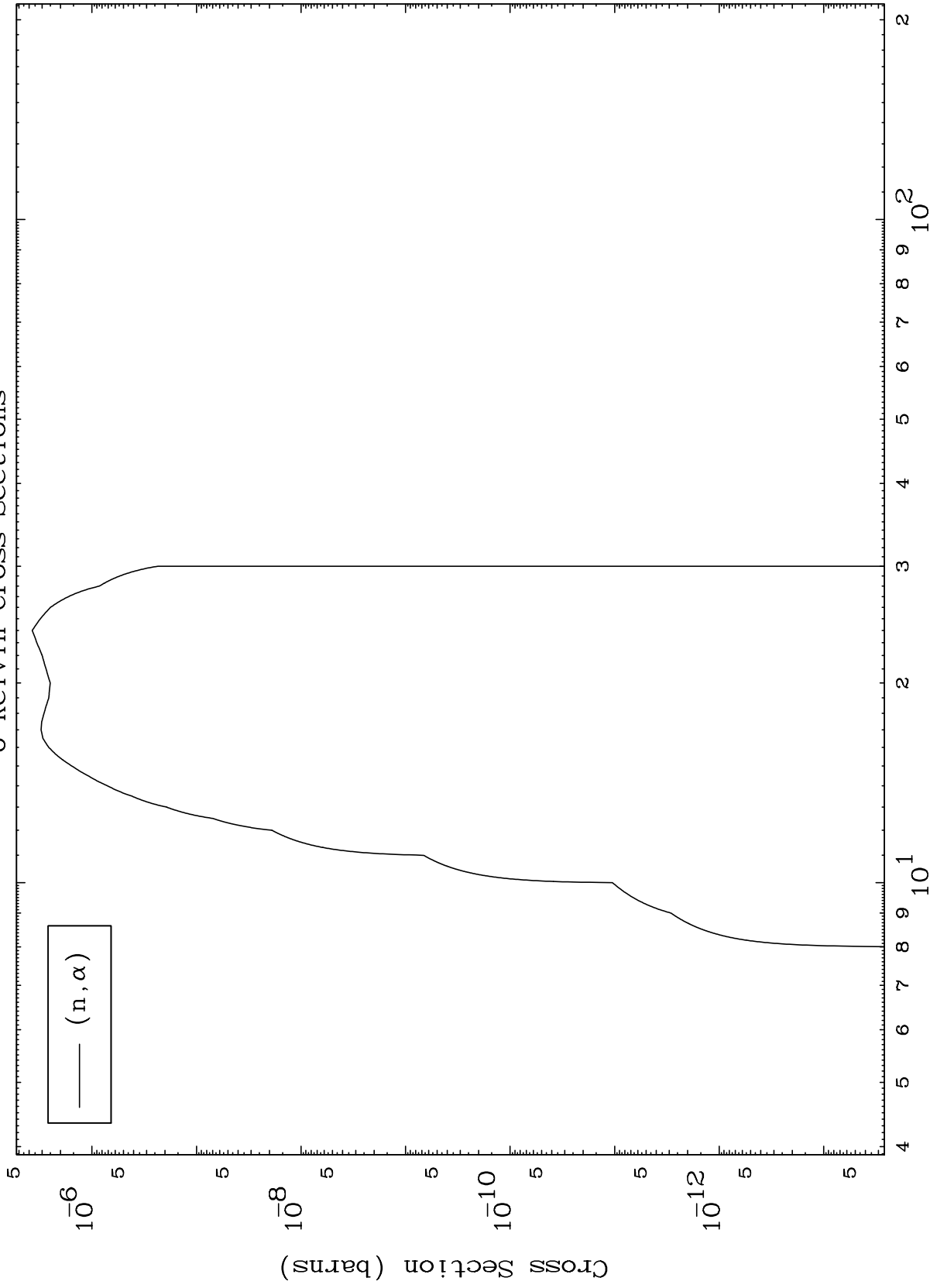
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

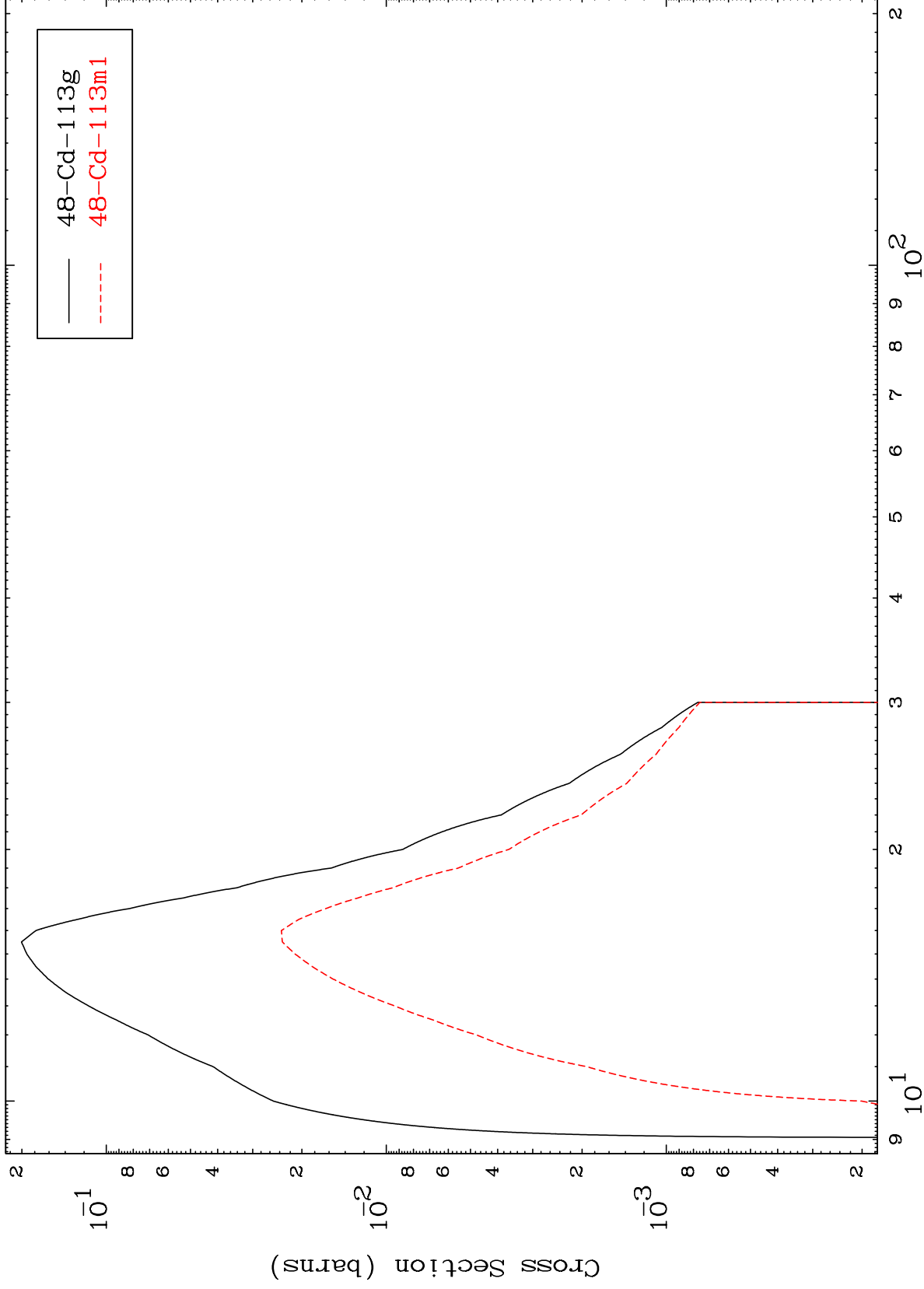
(γ, α) Levels
0 Kelvin Cross Sections



MAT 4849

Radionuclide Production Cross Section

48-Cd-114



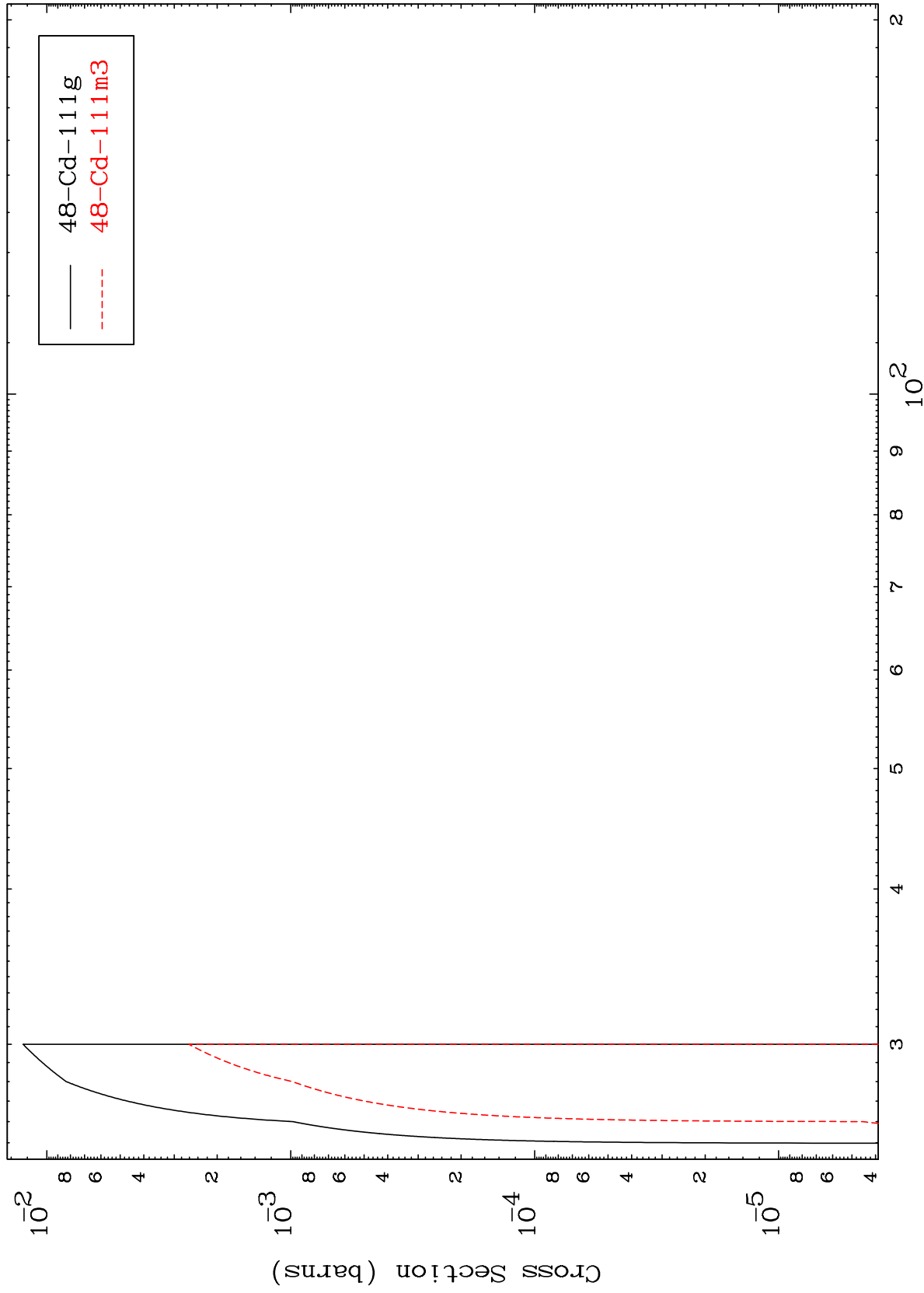
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n,3n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

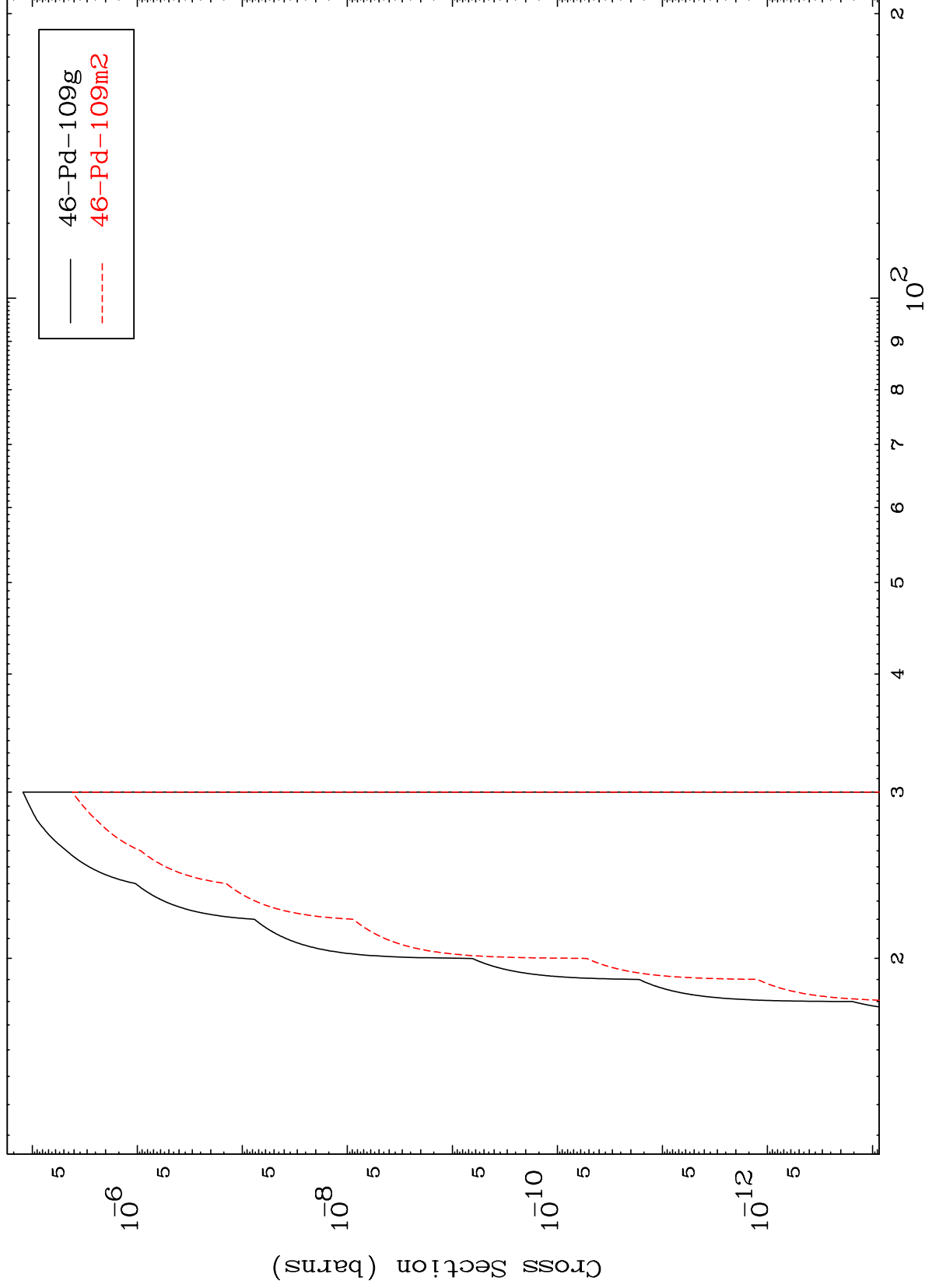
48-Cd-114

MAT 4849

$(n,n') \alpha$

48-Cd-114

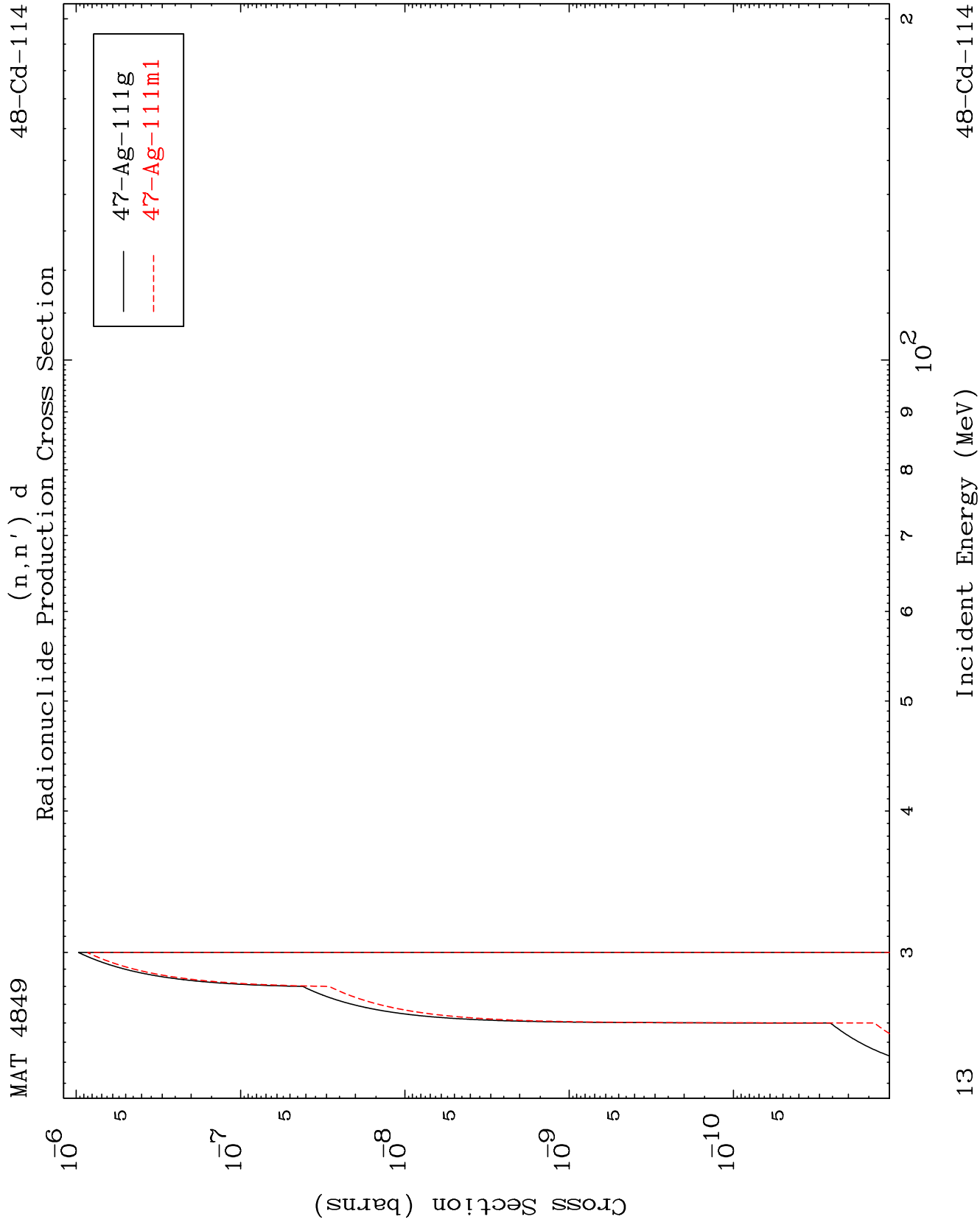
Radionuclide Production Cross Section



12

Incident Energy (MeV)

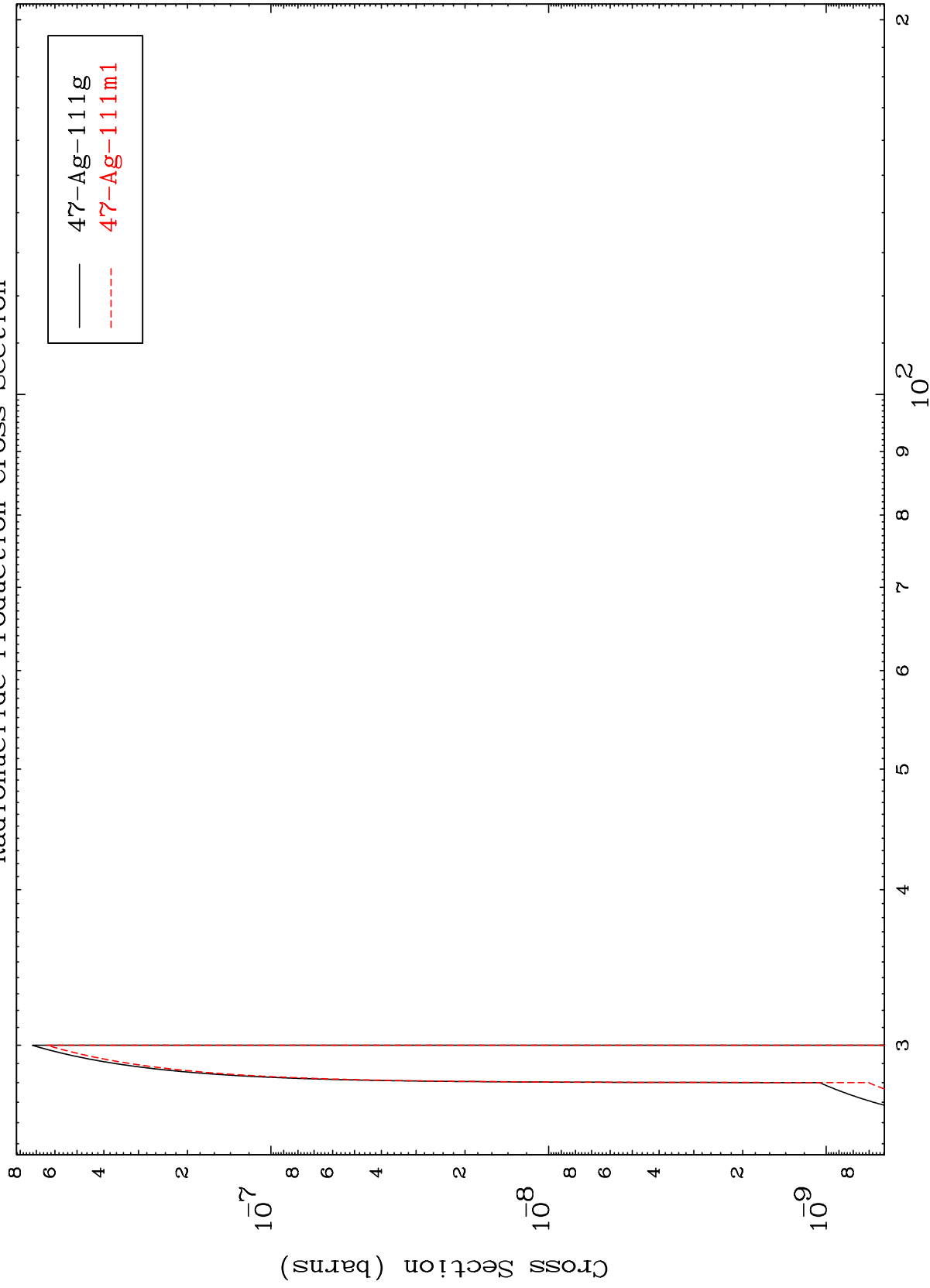
48-Cd-114



MAT 4849

48-Cd-114

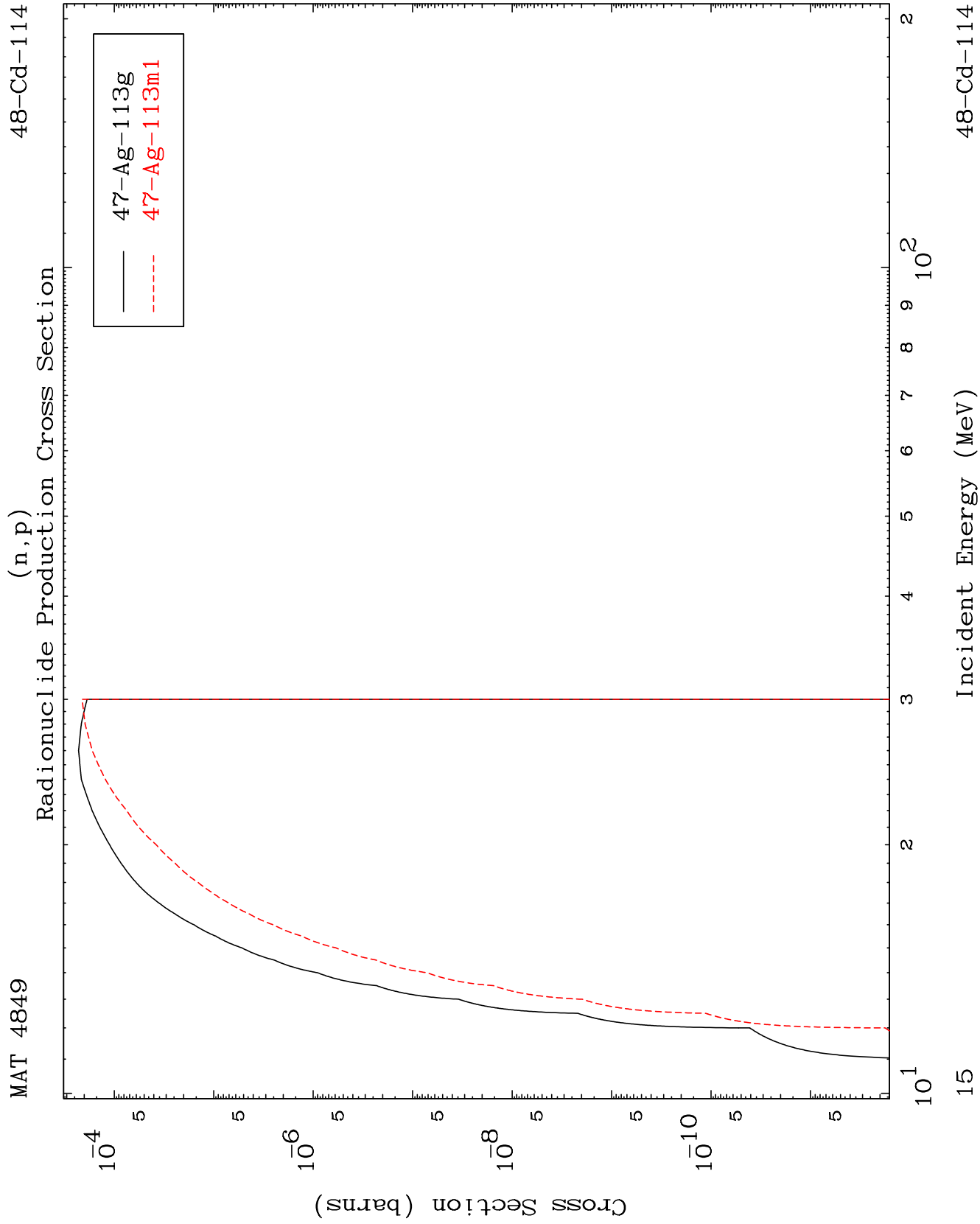
(n,2n) p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

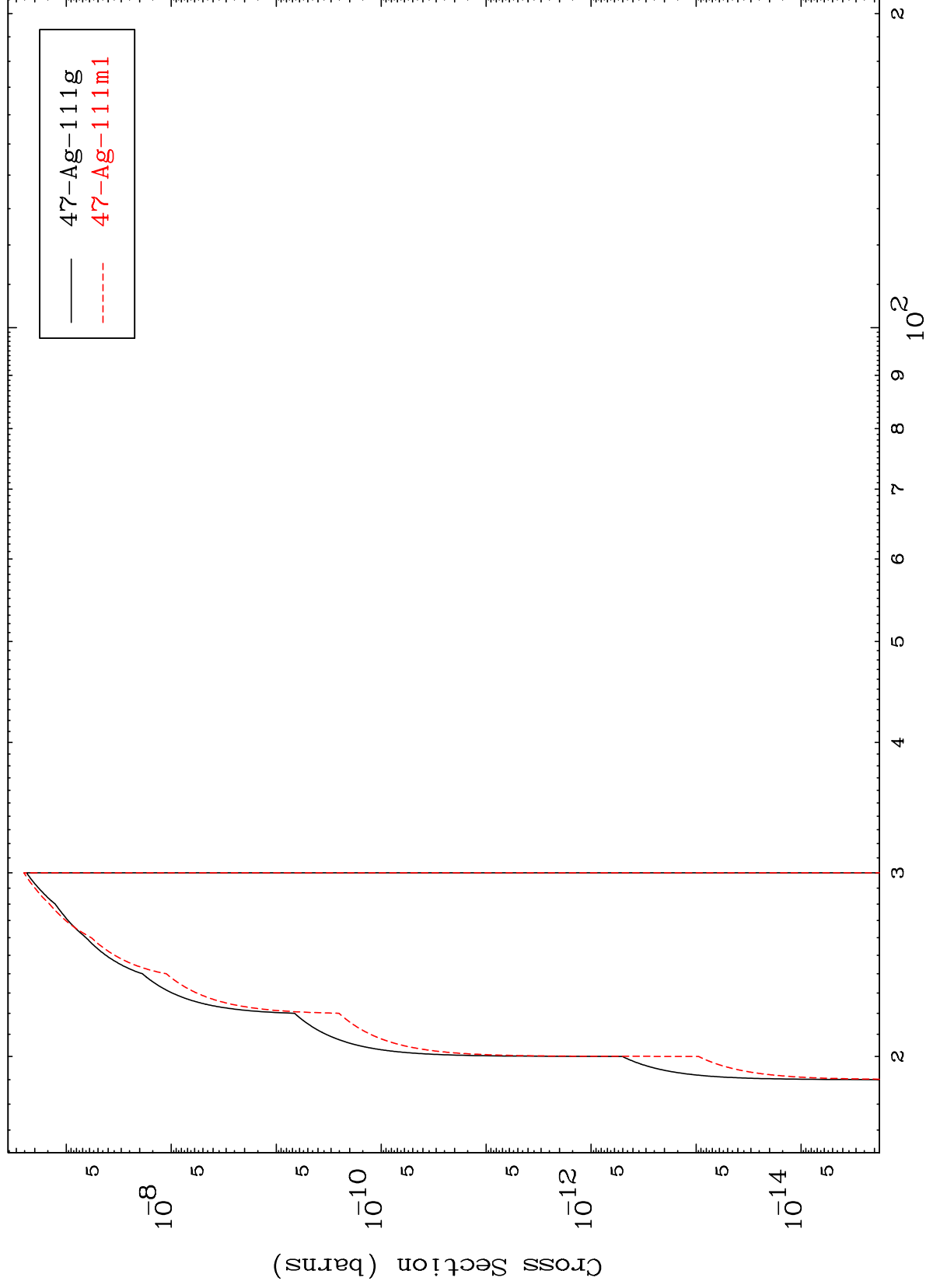
48-Cd-114



MAT 4849

48-Cd-114

(n,t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

48-Cd-114