

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

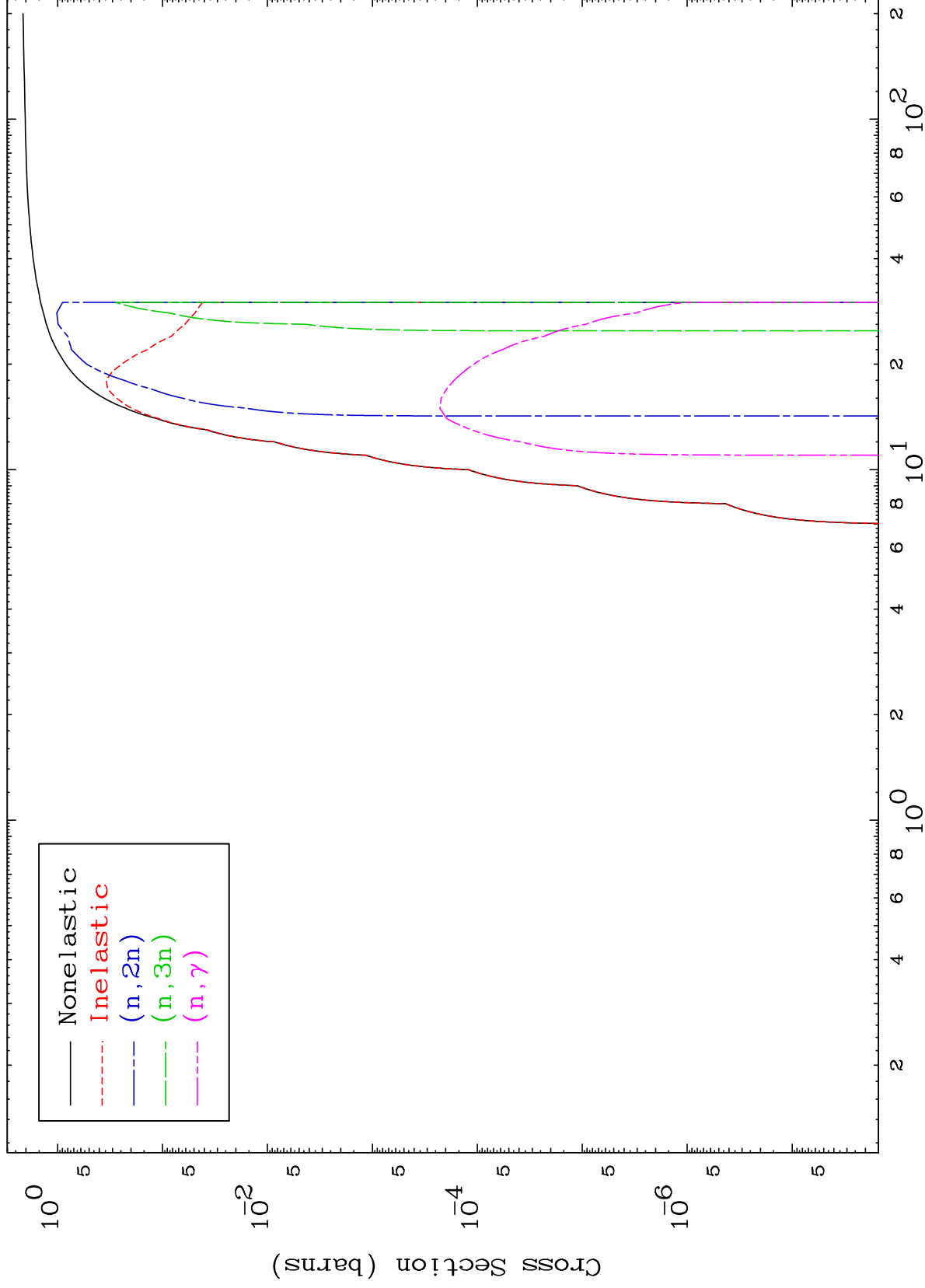
Press Mouse Button to Start

MAT 4843

α Major

48-Cd-112

0 Kelvin Cross Sections



1

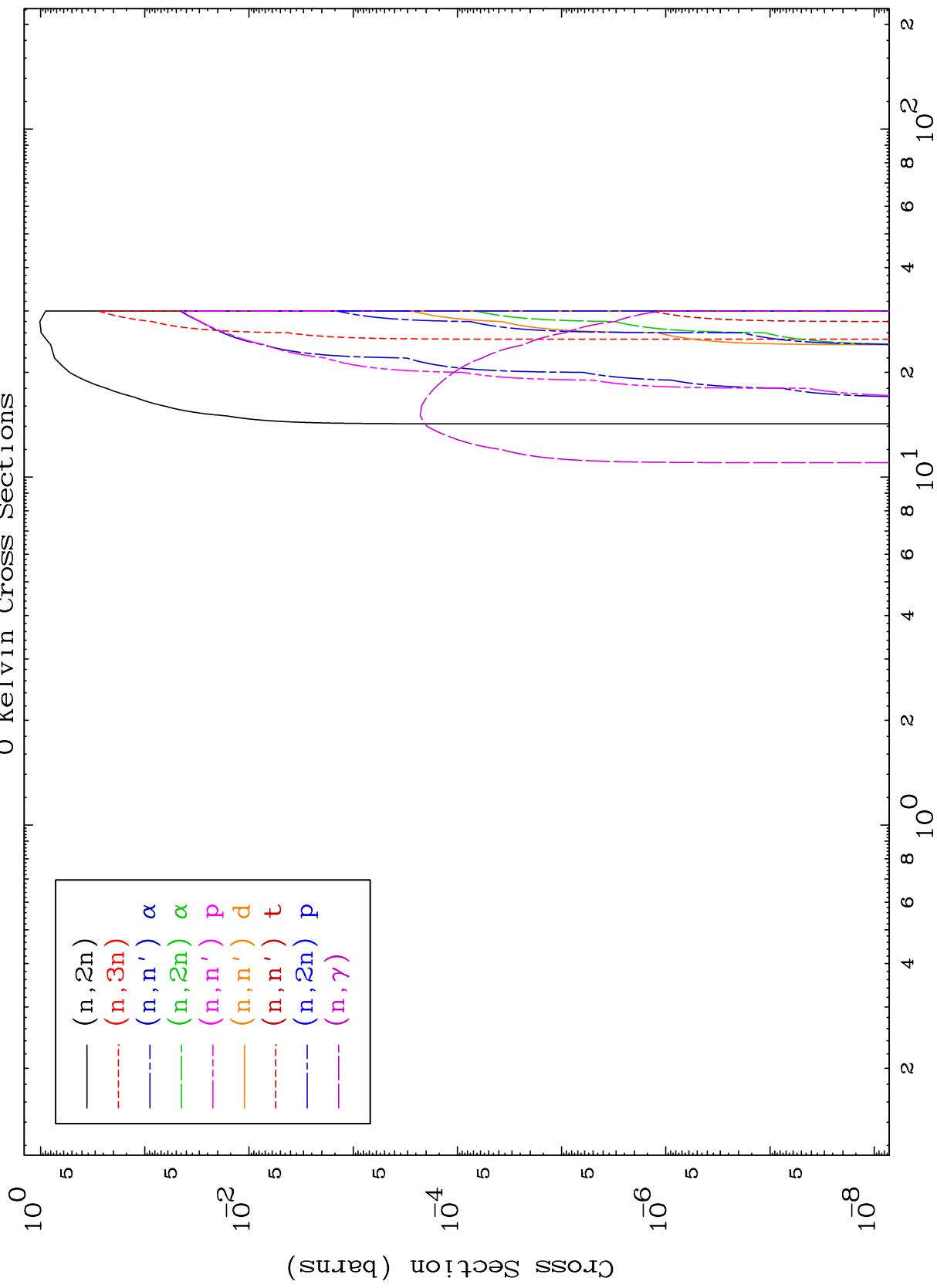
Incident Energy (MeV)

48-Cd-112

MAT 4843

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-112



2

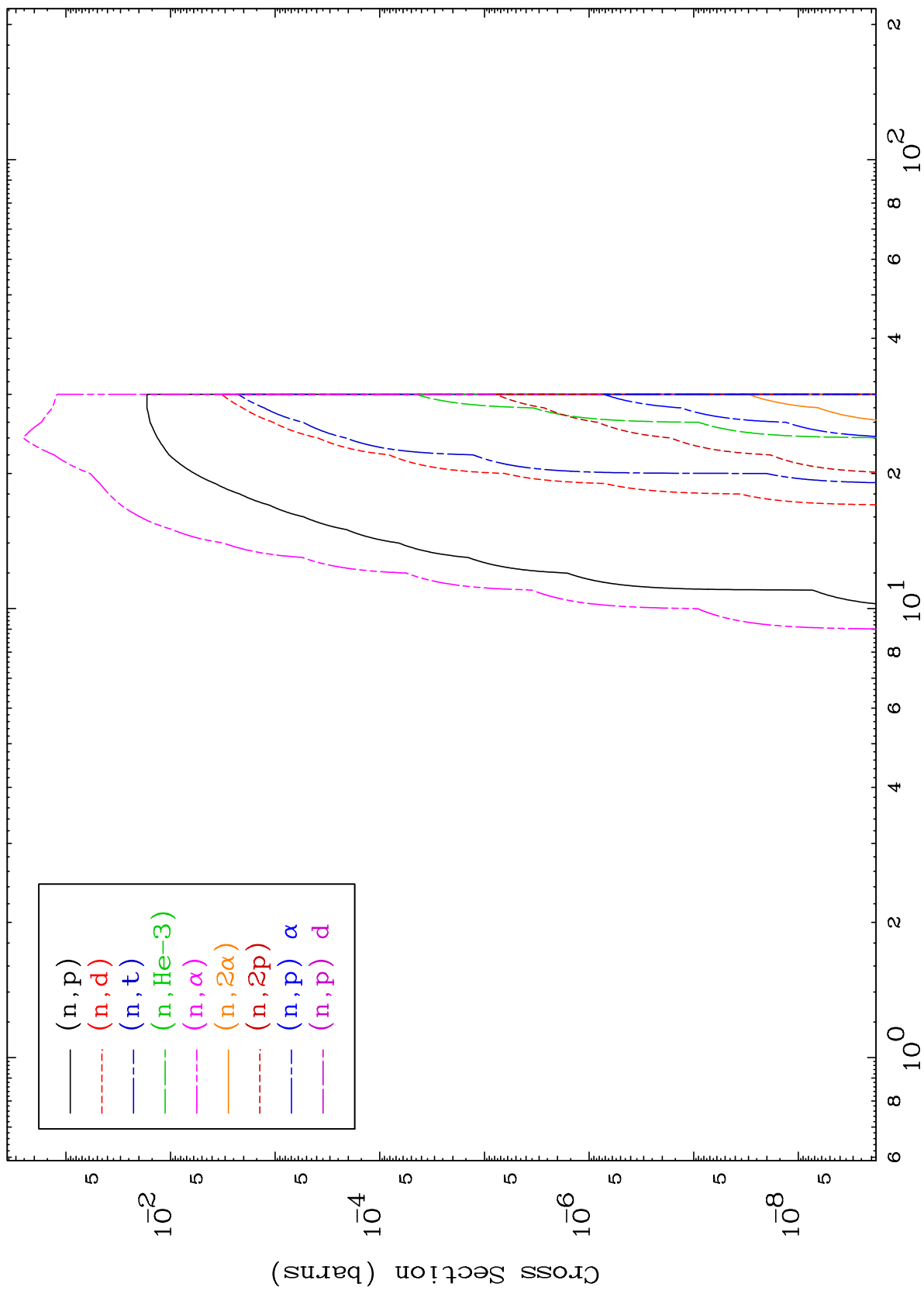
Incident Energy (MeV)

48-Cd-112

MAT 4843

α Neutron Absorption
0 Kelvin Cross Sections

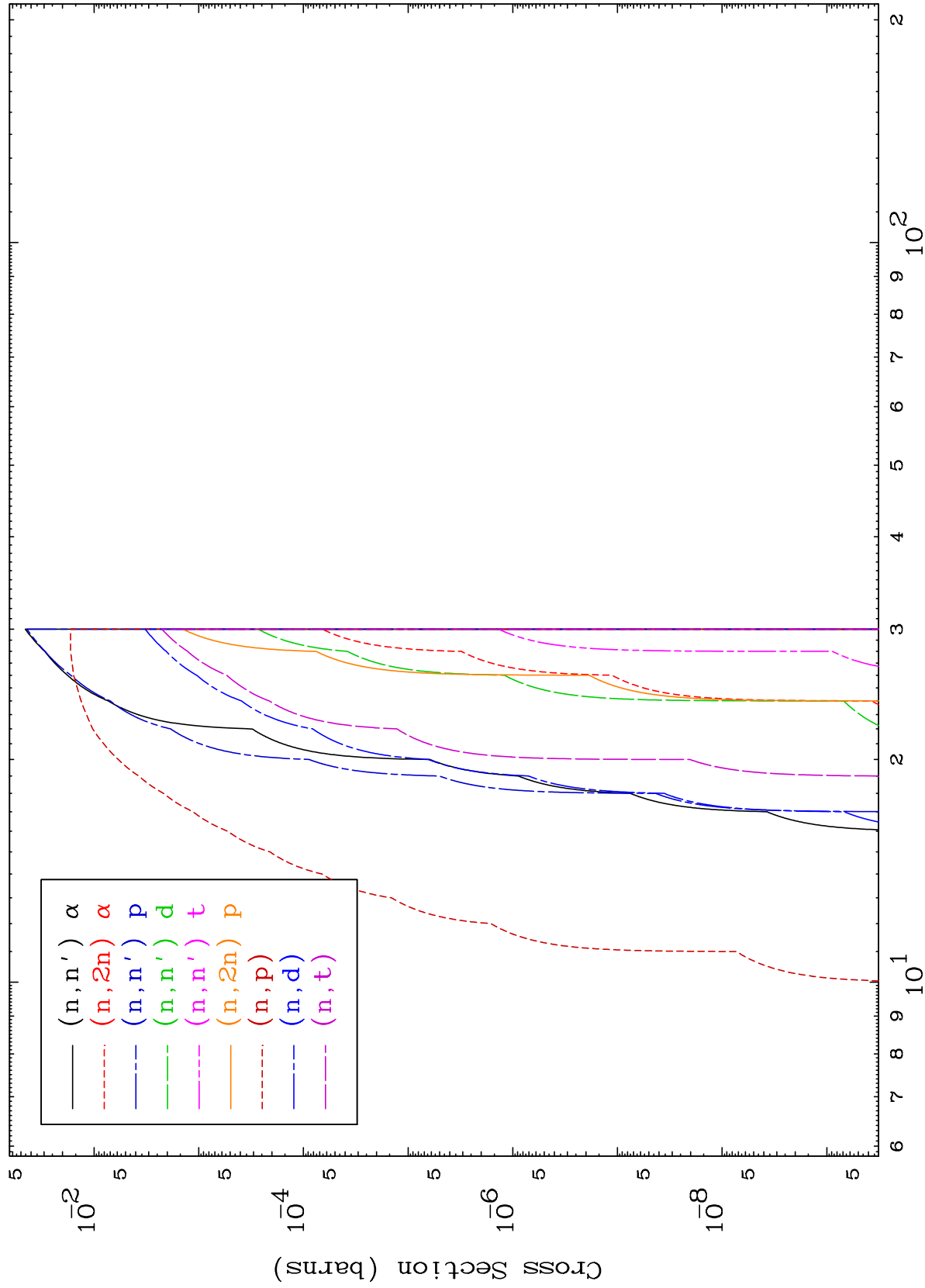
48-Cd-112



3

Incident Energy (MeV)

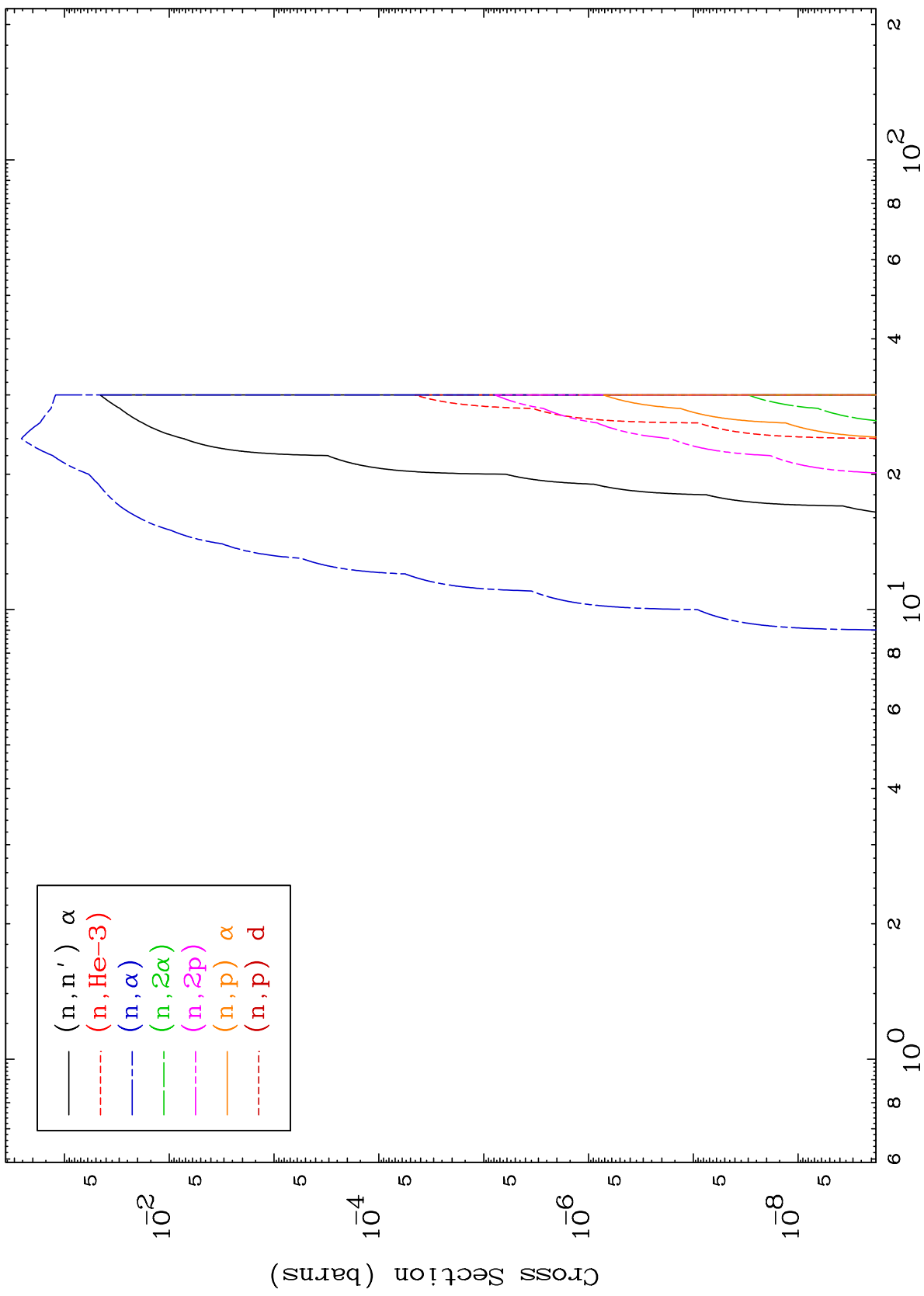
48-Cd-112



MAT 4843

α Charged Particle
0 Kelvin Cross Sections

48-Cd-112



5

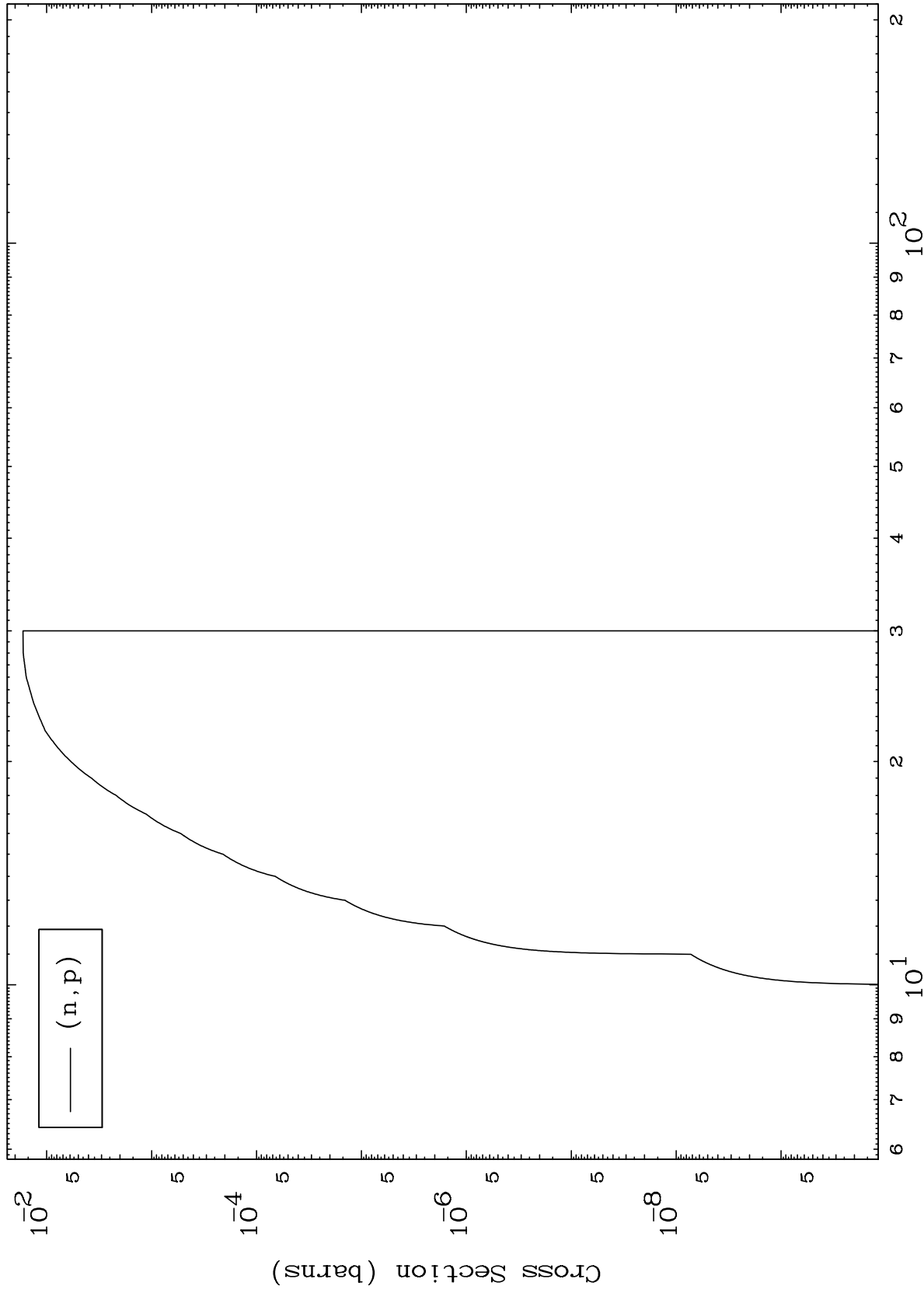
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(α, p) Levels
0 Kelvin Cross Sections



6

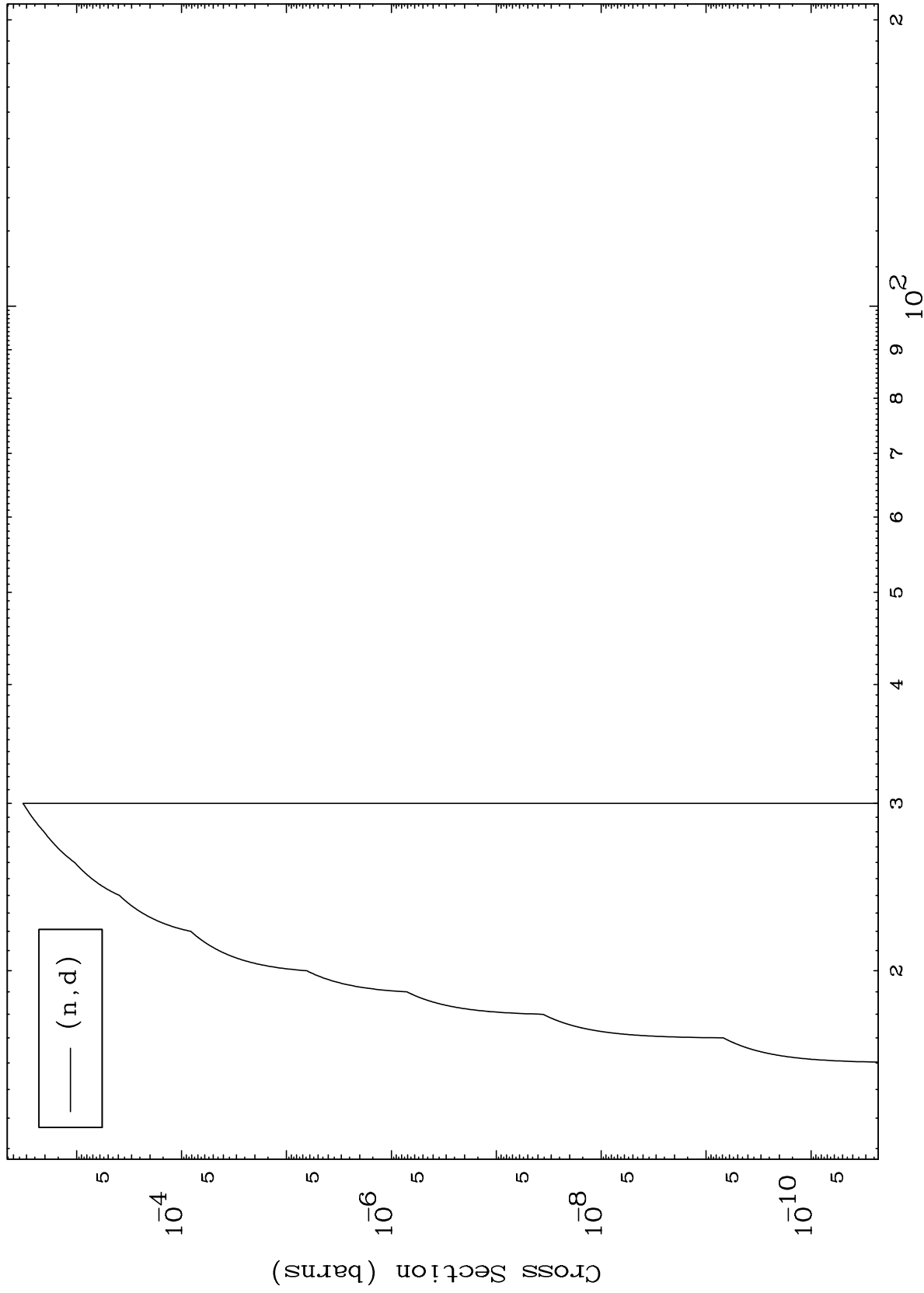
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(α, d) Levels
0 Kelvin Cross Sections



7

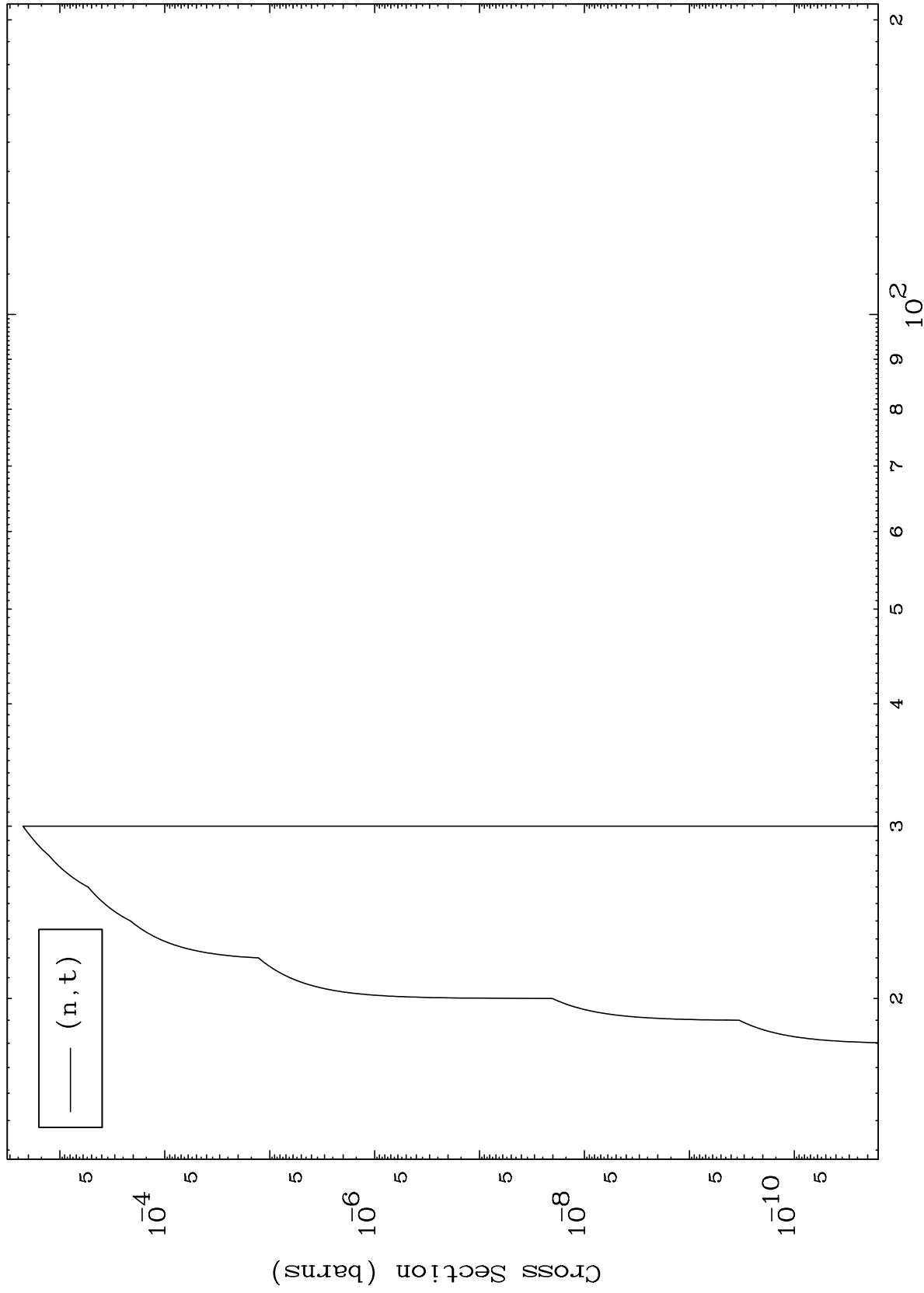
48-Cd-112

Incident Energy (MeV)

MAT 4843

48-Cd-112

(α, t) Levels
0 Kelvin Cross Sections



8

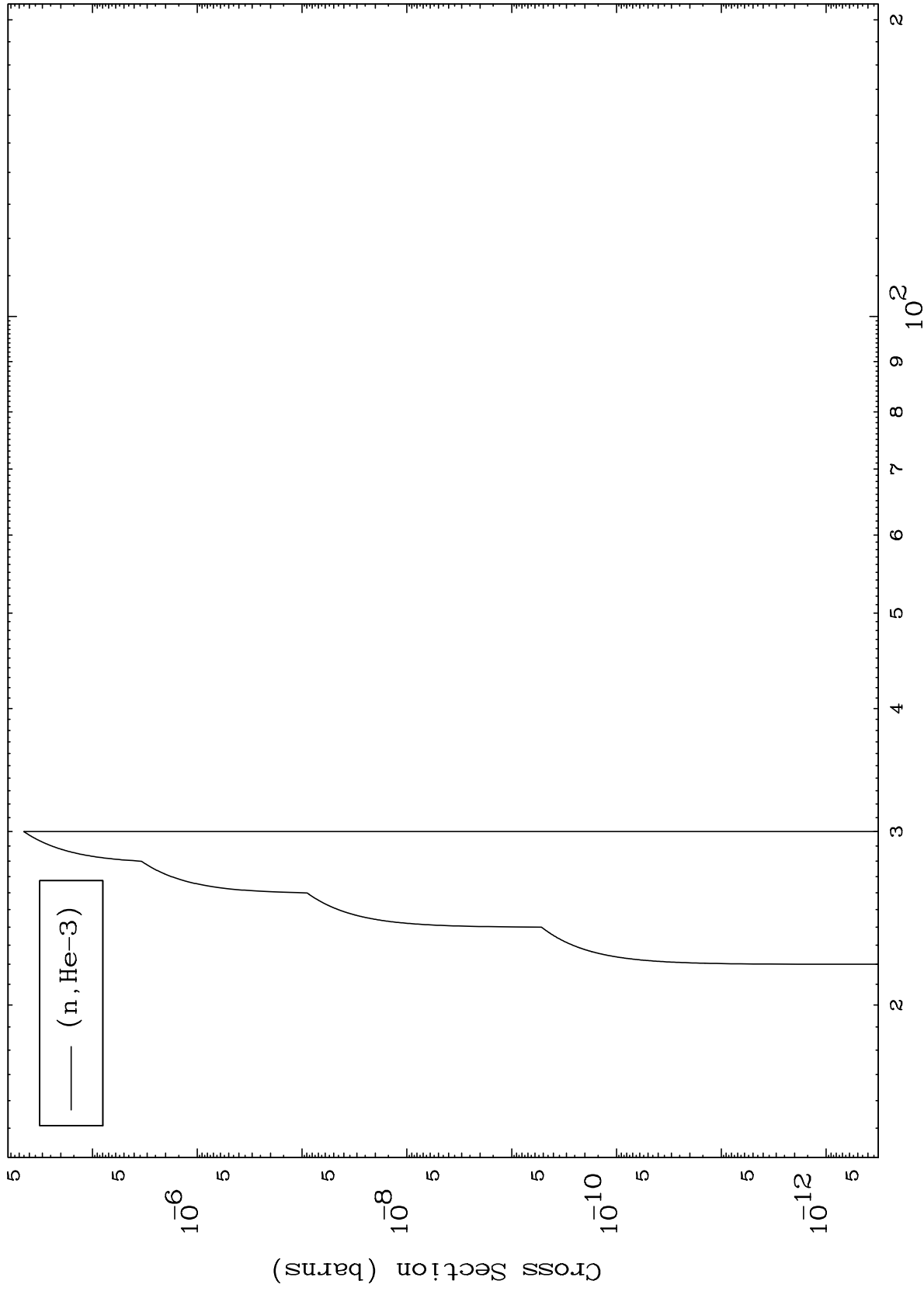
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

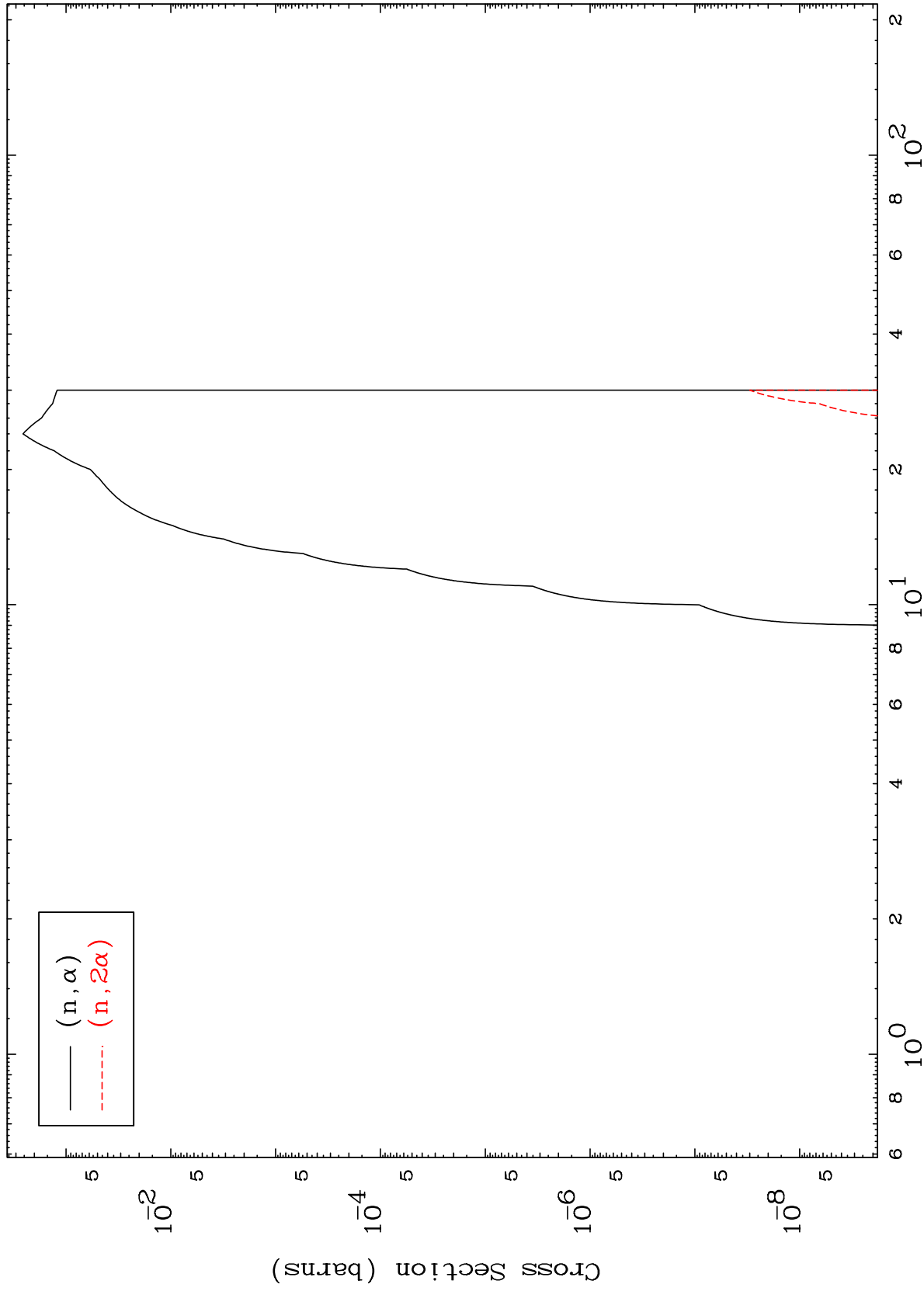
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 4843

0 Kelvin Cross Sections

48-Cd-112



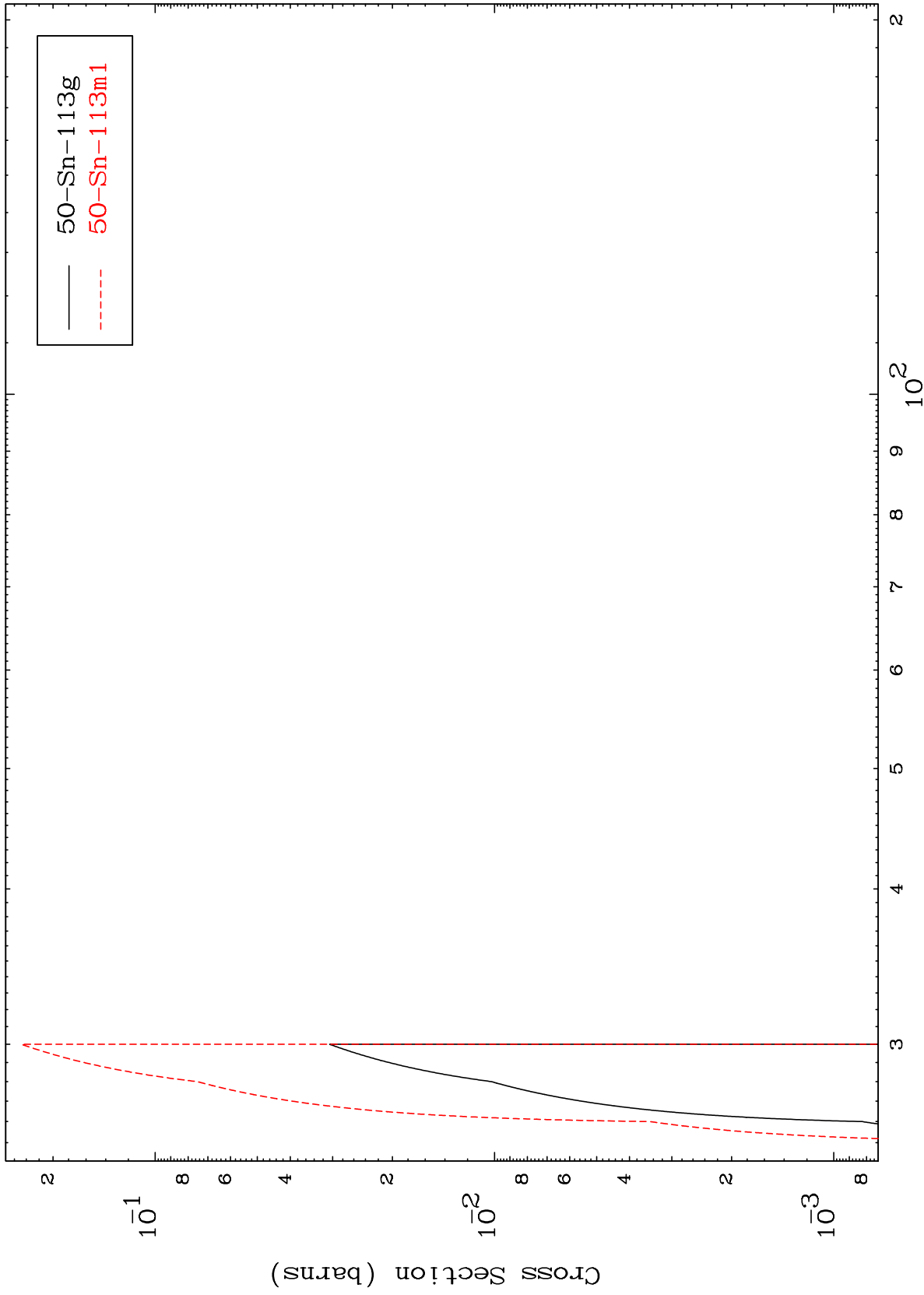
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(n,3n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

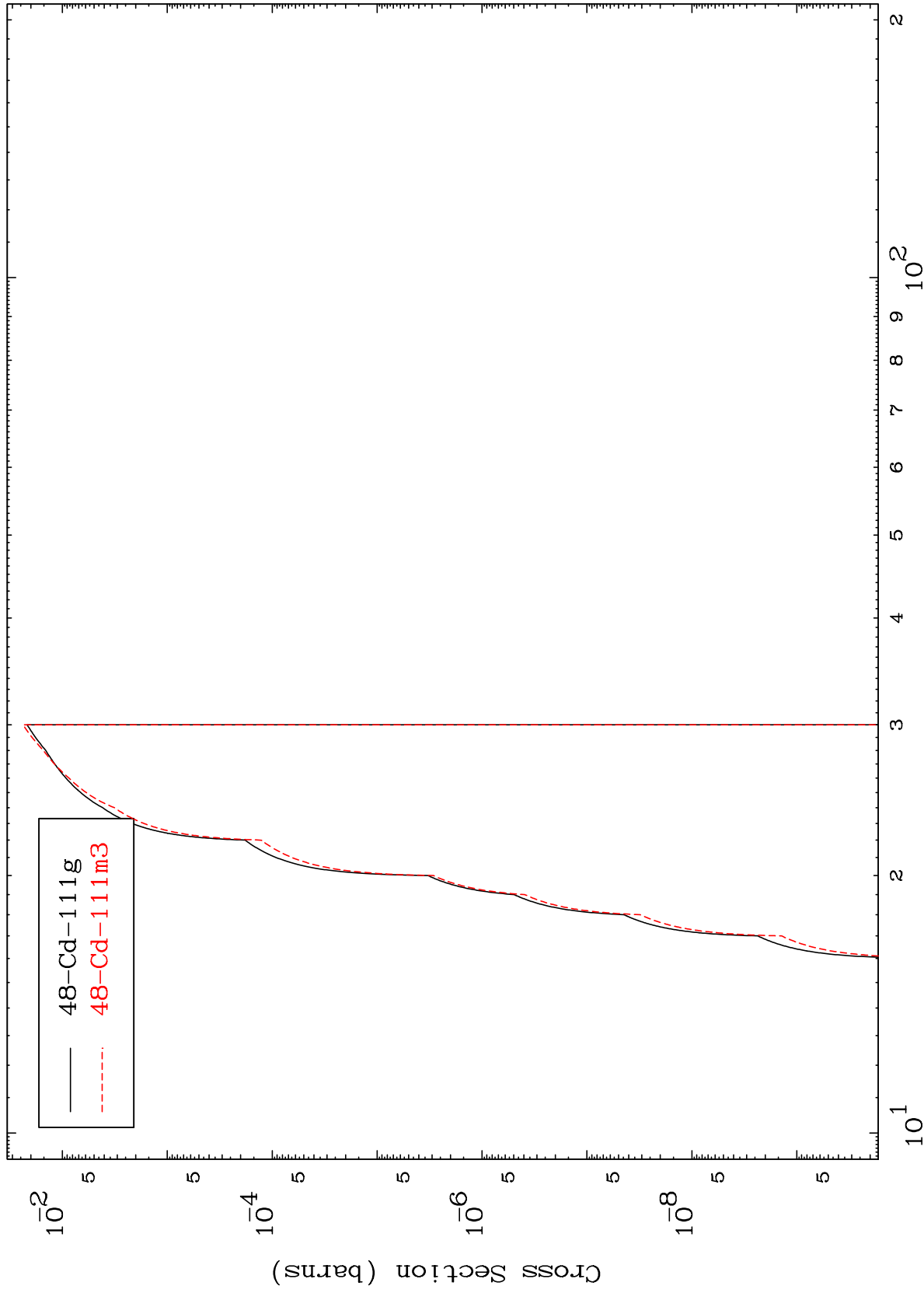
48-Cd-112

MAT 4843

$(n,n') \alpha$

48-Cd-112

Radionuclide Production Cross Section



12

Incident Energy (MeV)

10^2

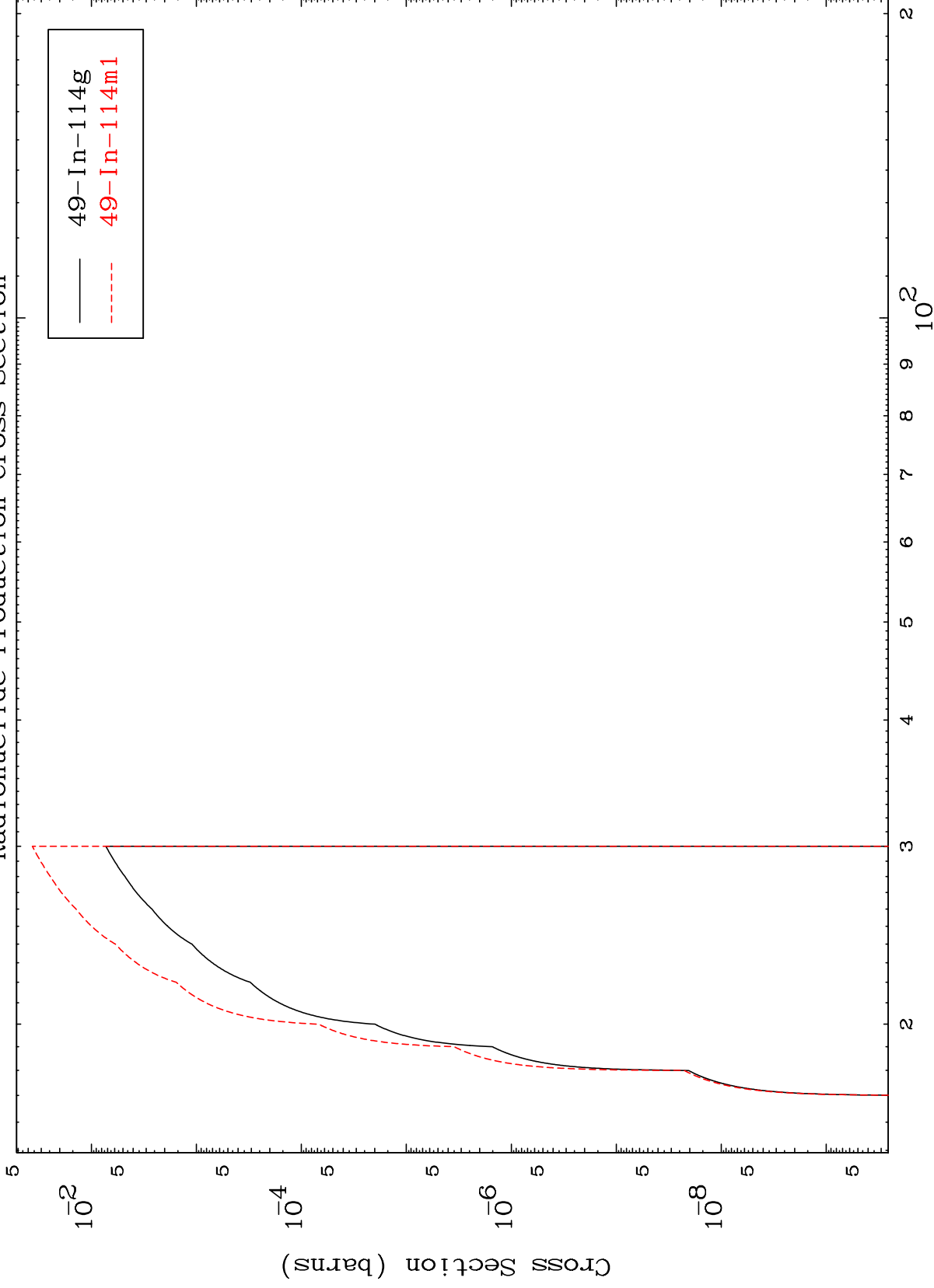
48-Cd-112

MAT 4843

(n,n') p

48-Cd-112

Radionuclide Production Cross Section



13

Incident Energy (MeV)

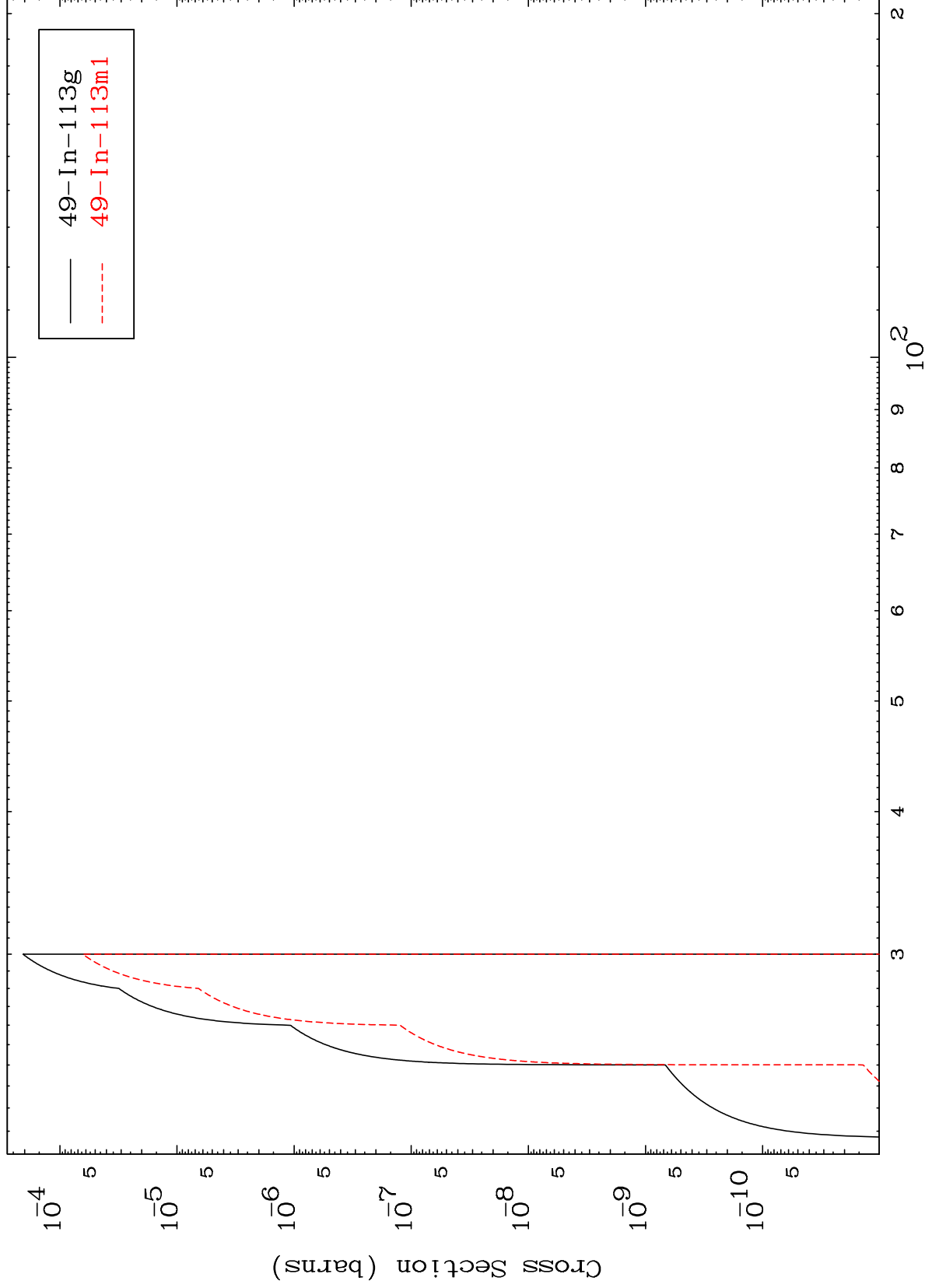
48-Cd-112

MAT 4843

(n,n') d

48-Cd-112

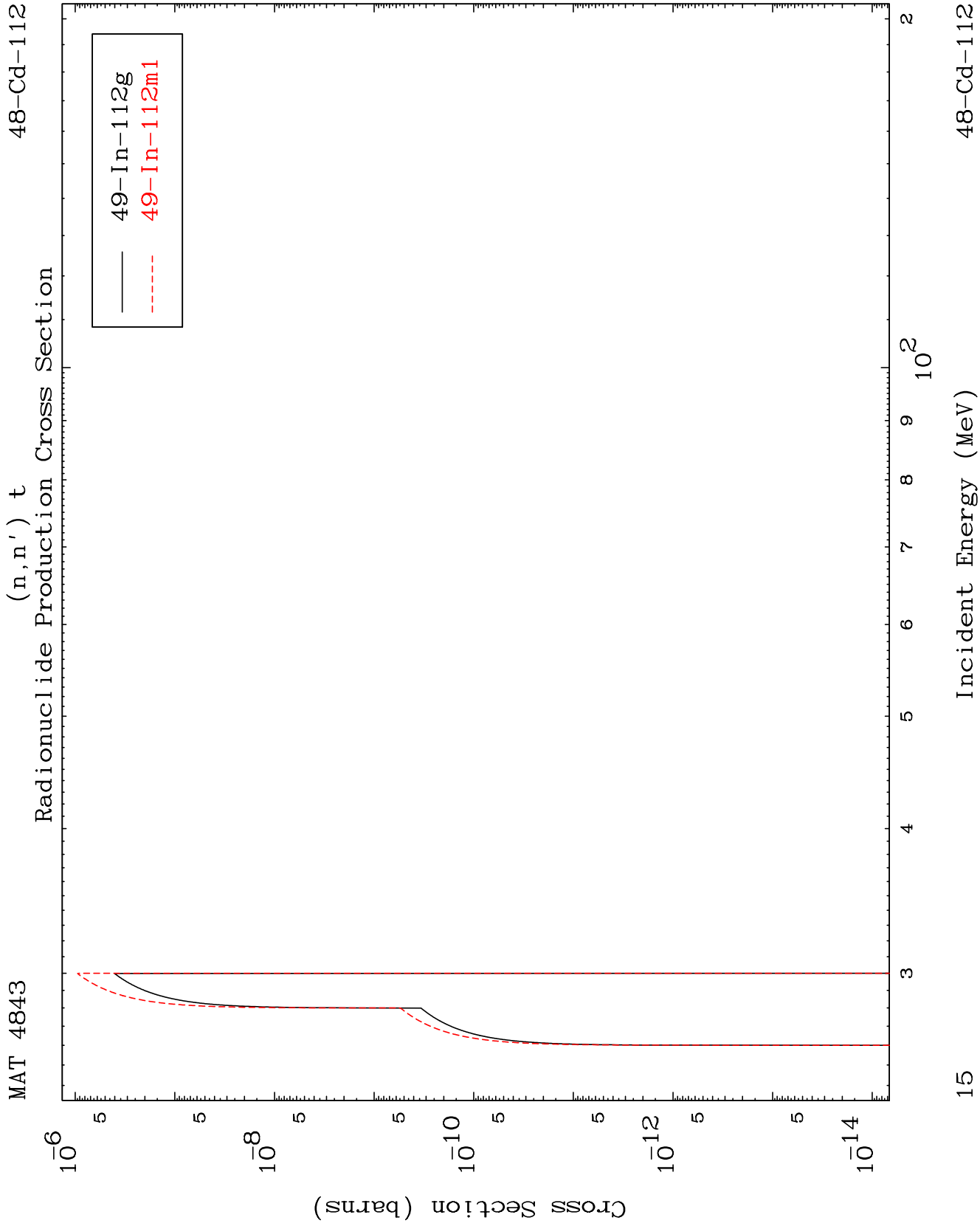
Radionuclide Production Cross Section



14

Incident Energy (MeV)

48-Cd-112

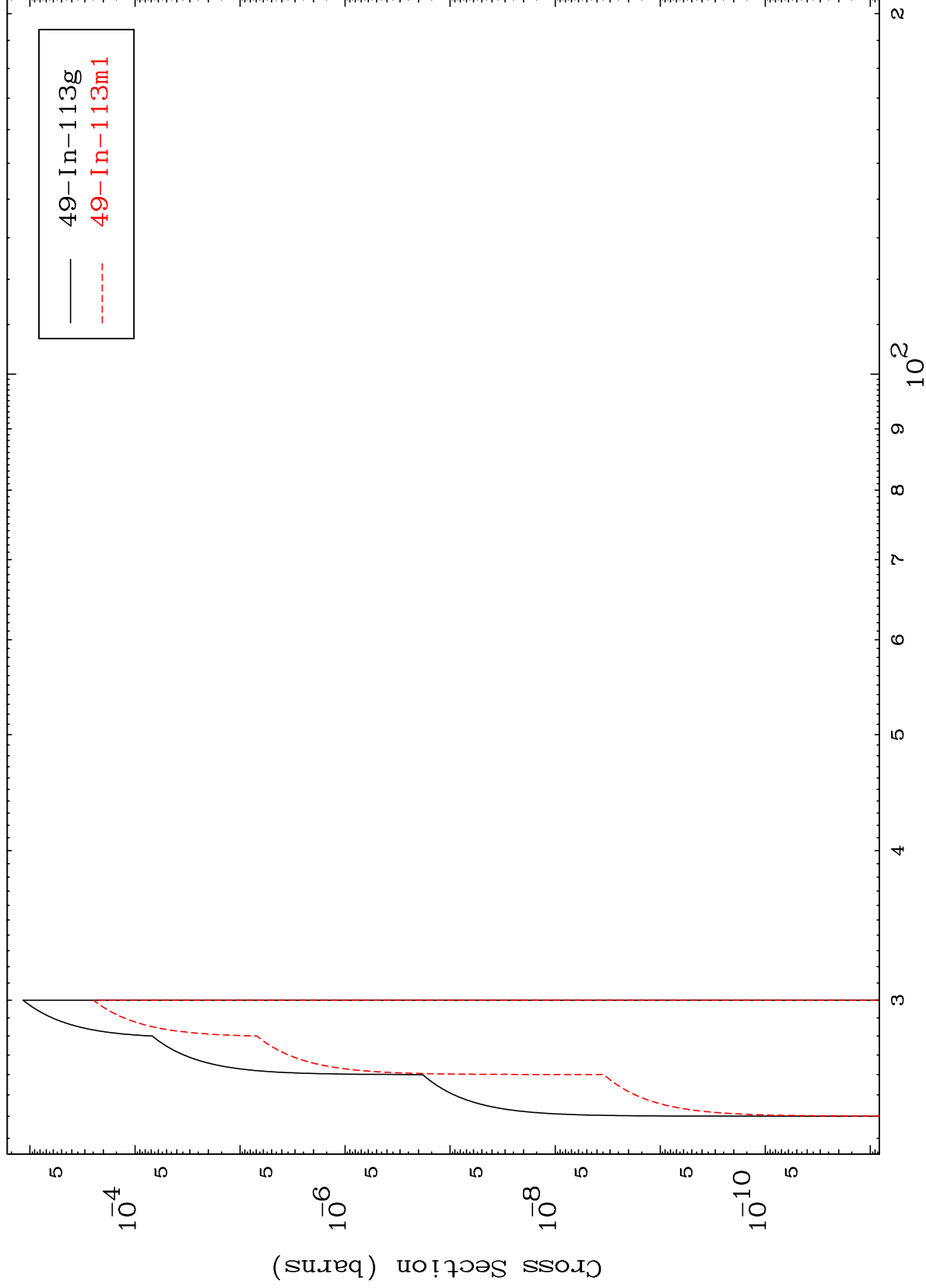


MAT 4843

(n,2n) p

48-Cd-112

Radionuclide Production Cross Section



16

Incident Energy (MeV)

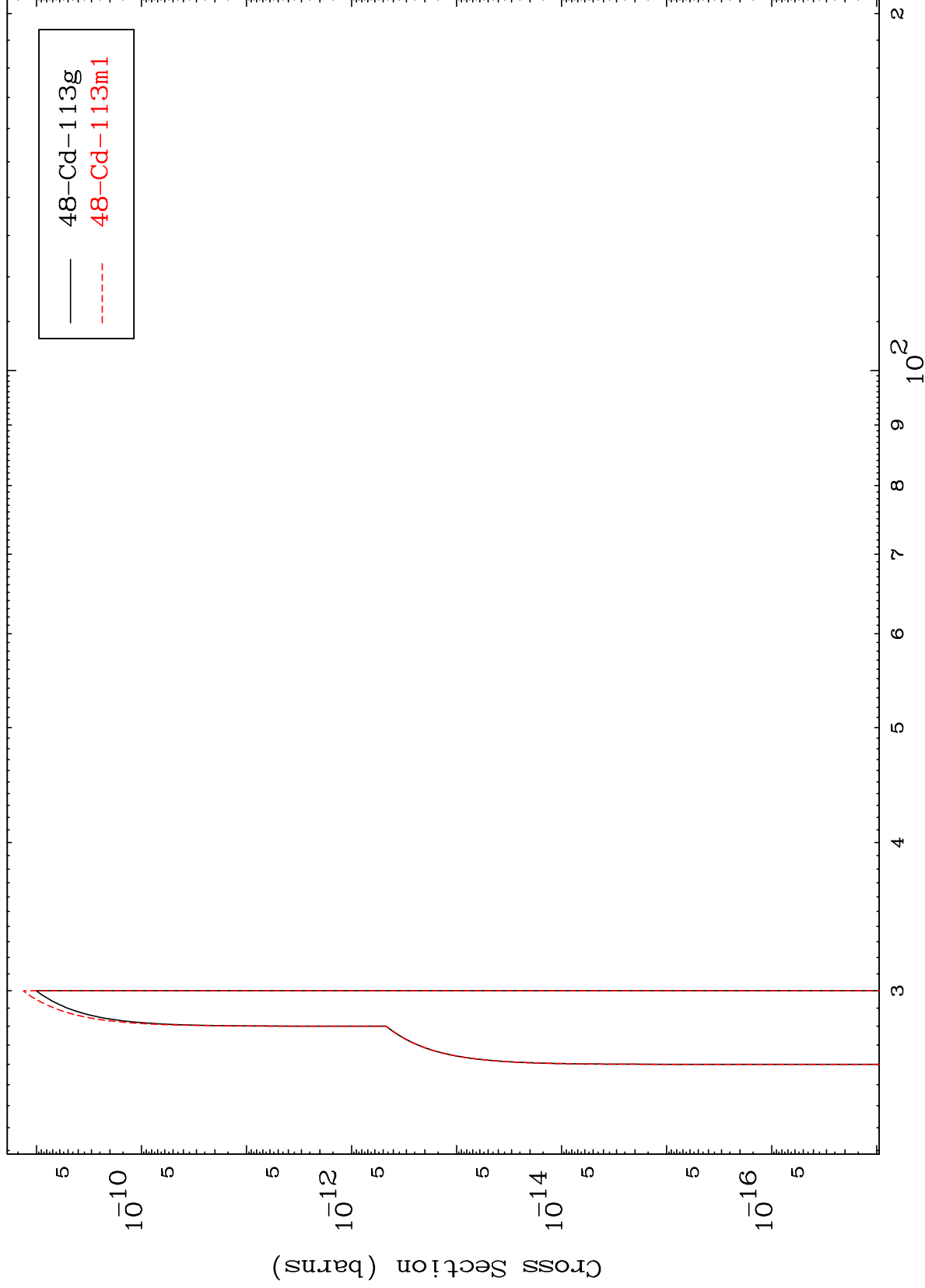
48-Cd-112

MAT 4843

(n,2n) p

48-Cd-112

Radionuclide Production Cross Section



17

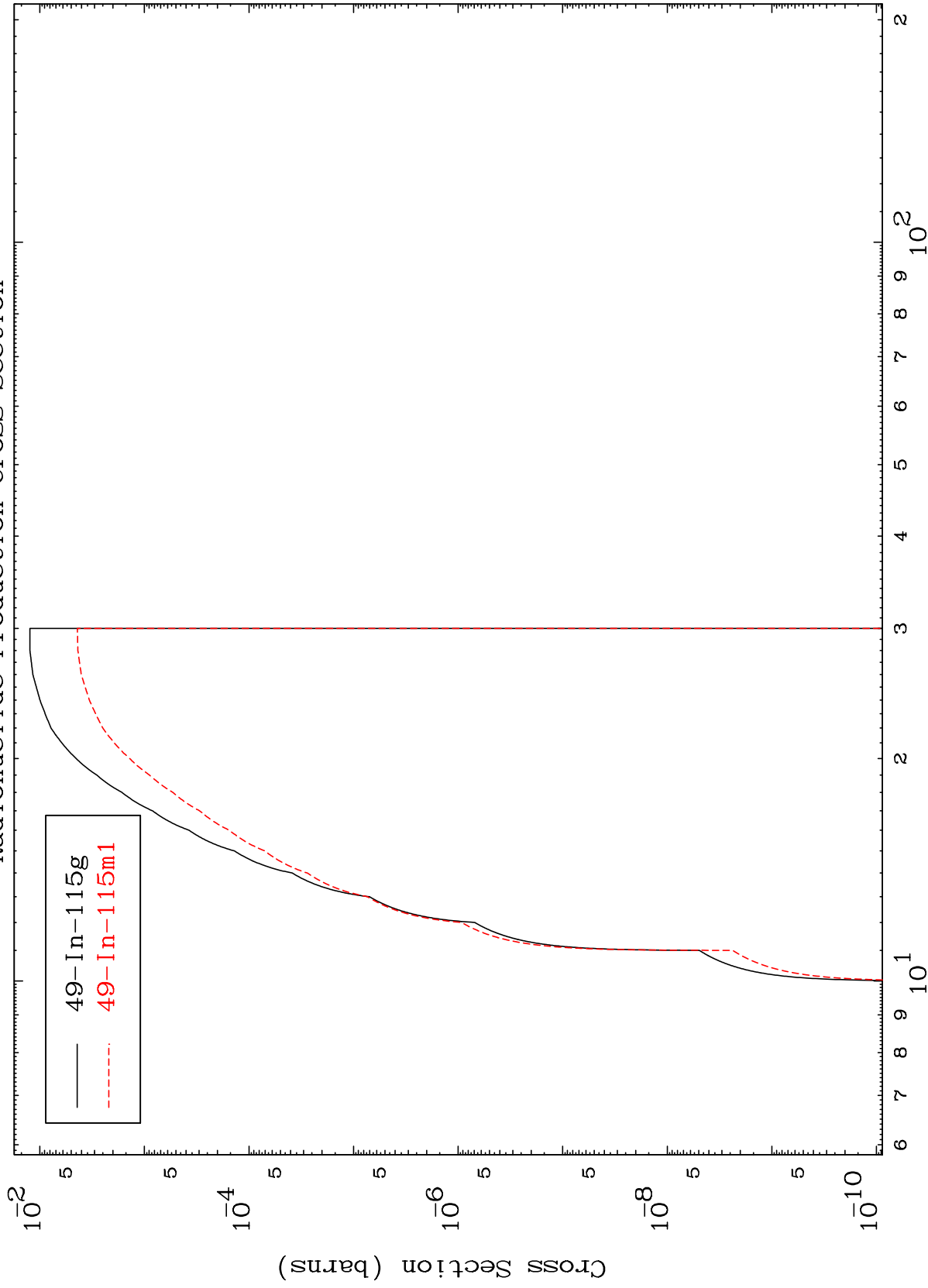
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(n,p)
Radionuclide Production Cross Section



18

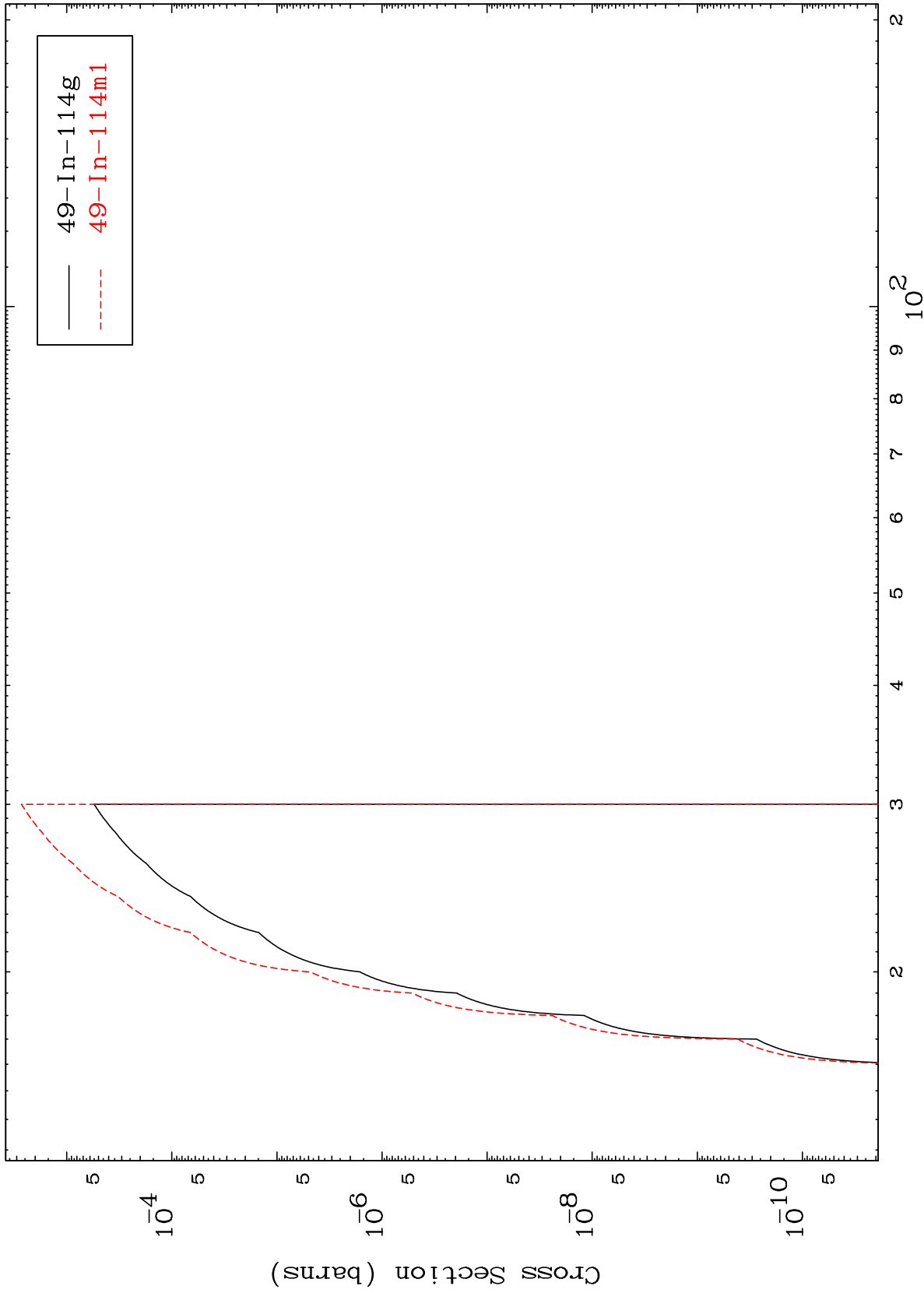
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(n,d)
Radionuclide Production Cross Section



19

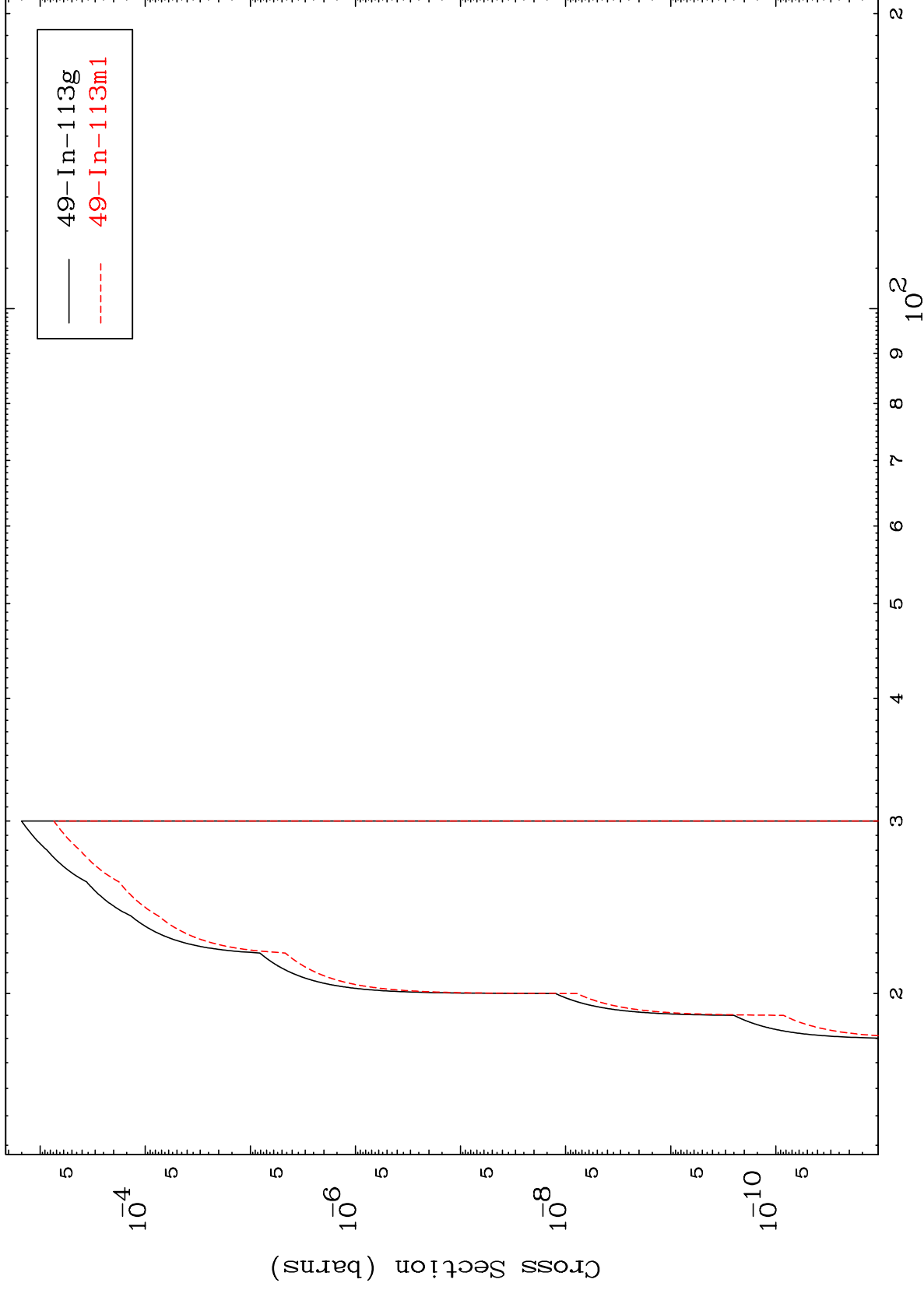
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(n,t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

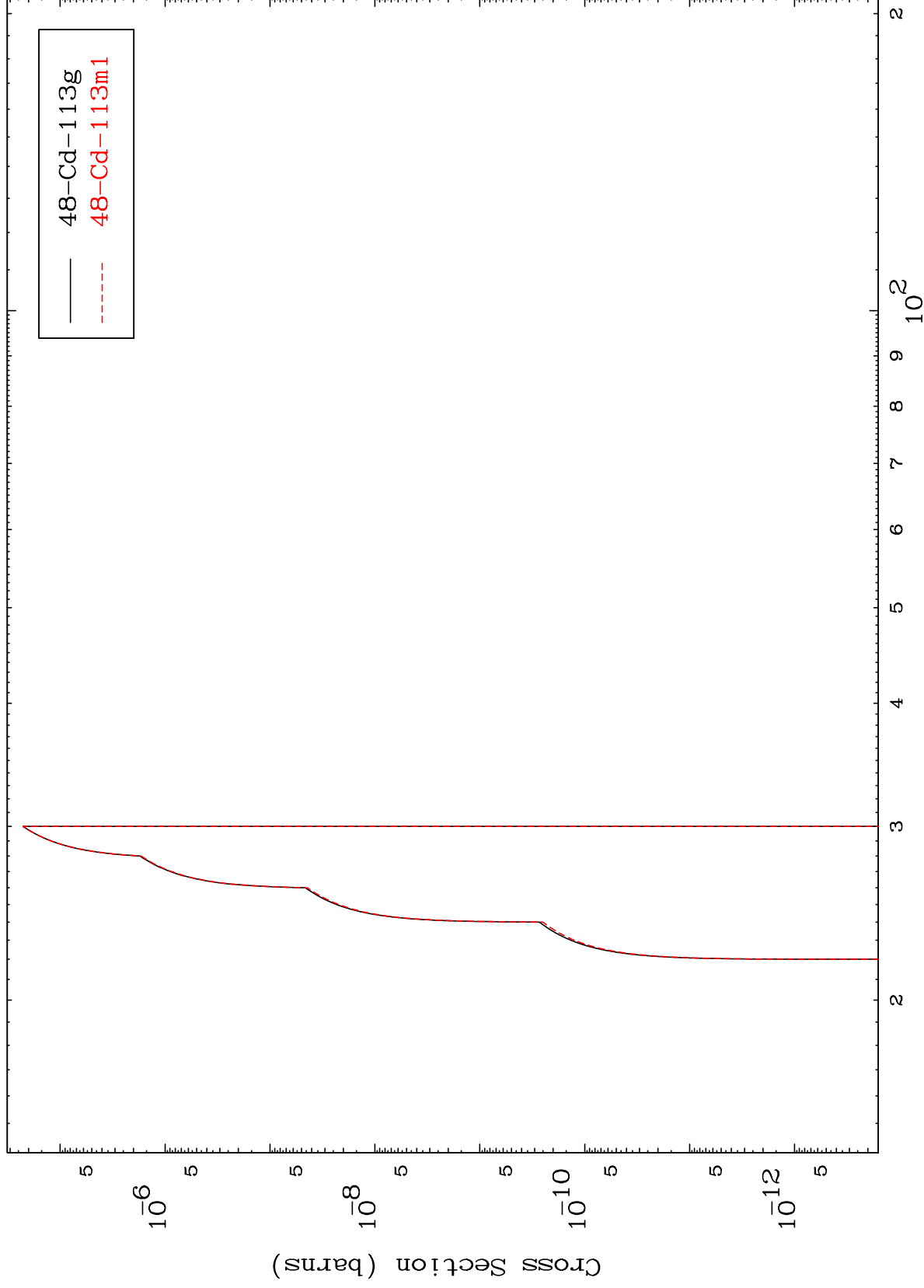
48-Cd-112

MAT 4843

(n,He-3)

48-Cd-112

Radionuclide Production Cross Section



21

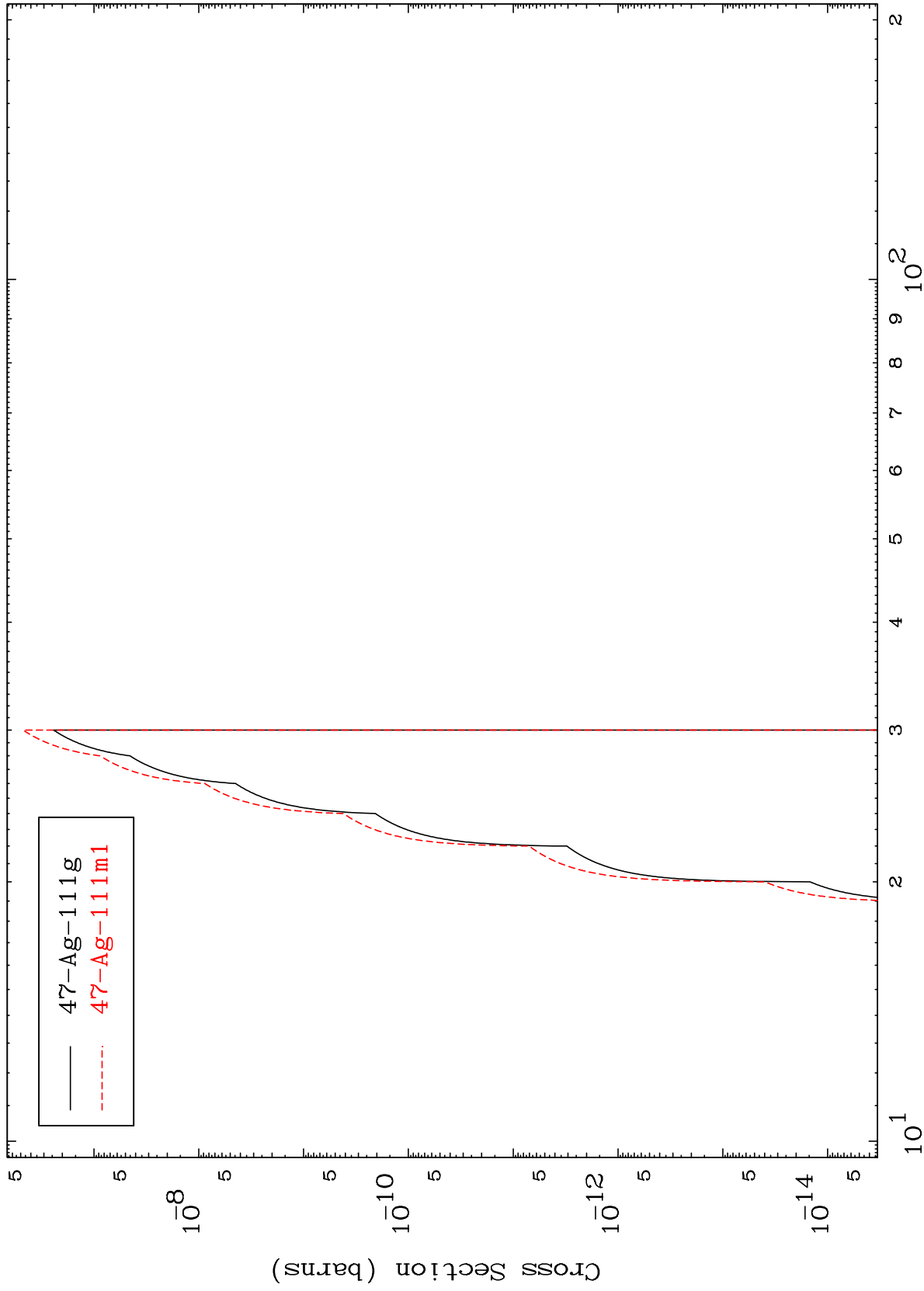
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(n,p) α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

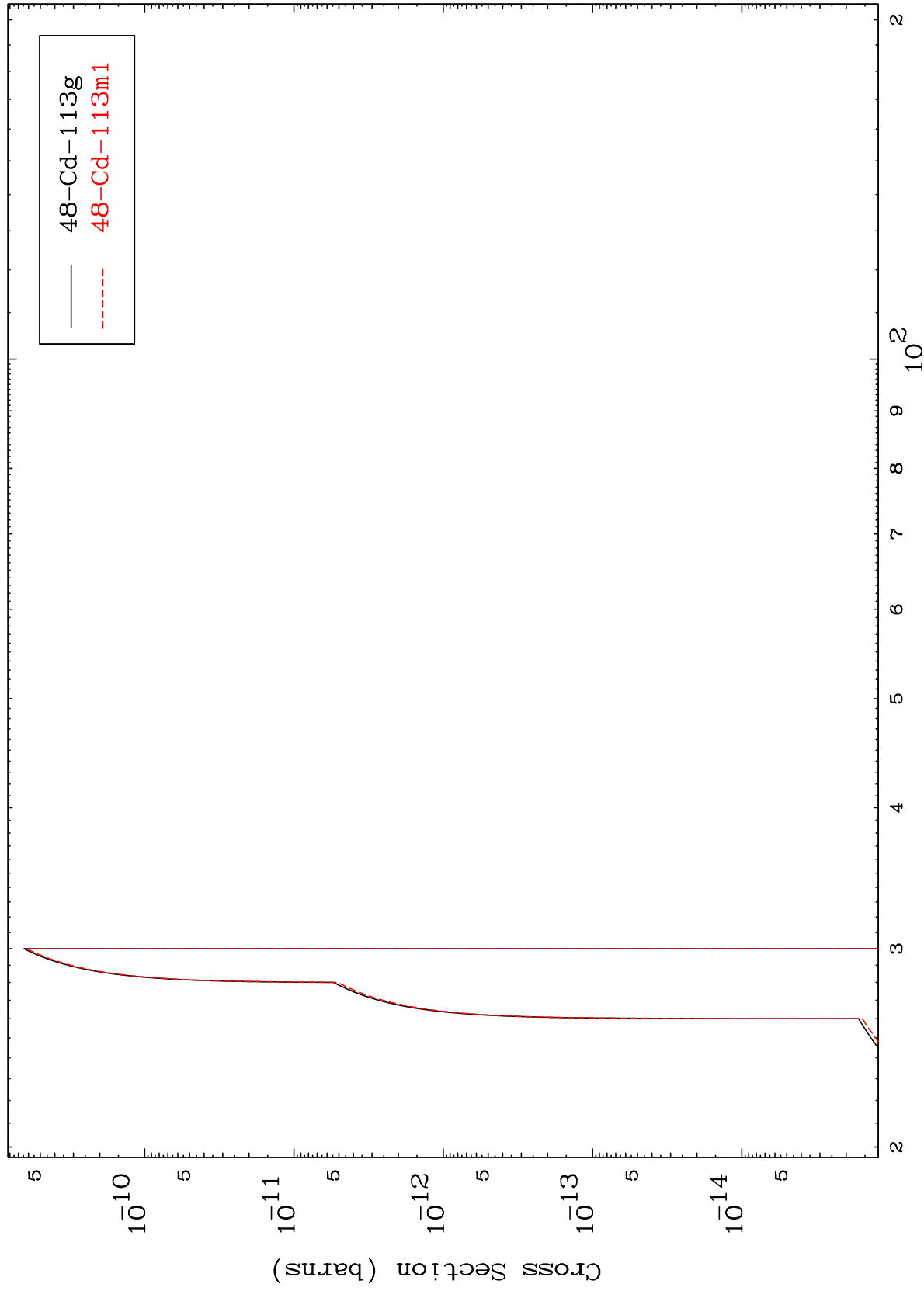
48-Cd-112

MAT 4843

(n,p) d

48-Cd-112

Radionuclide Production Cross Section



23

Incident Energy (MeV)

48-Cd-112