

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

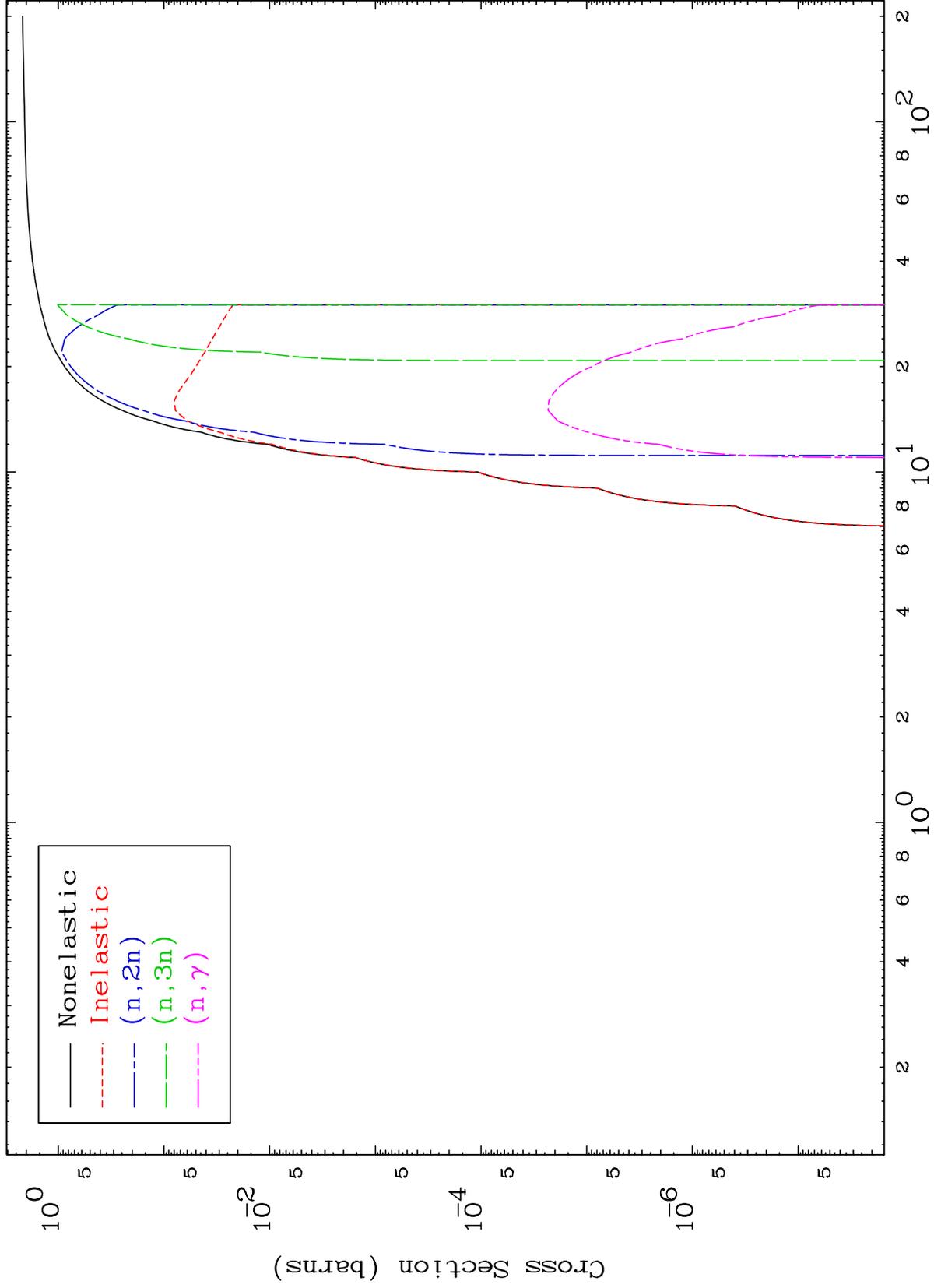
Press Mouse Button to Start

MAT 4855

α Major

48-Cd-116

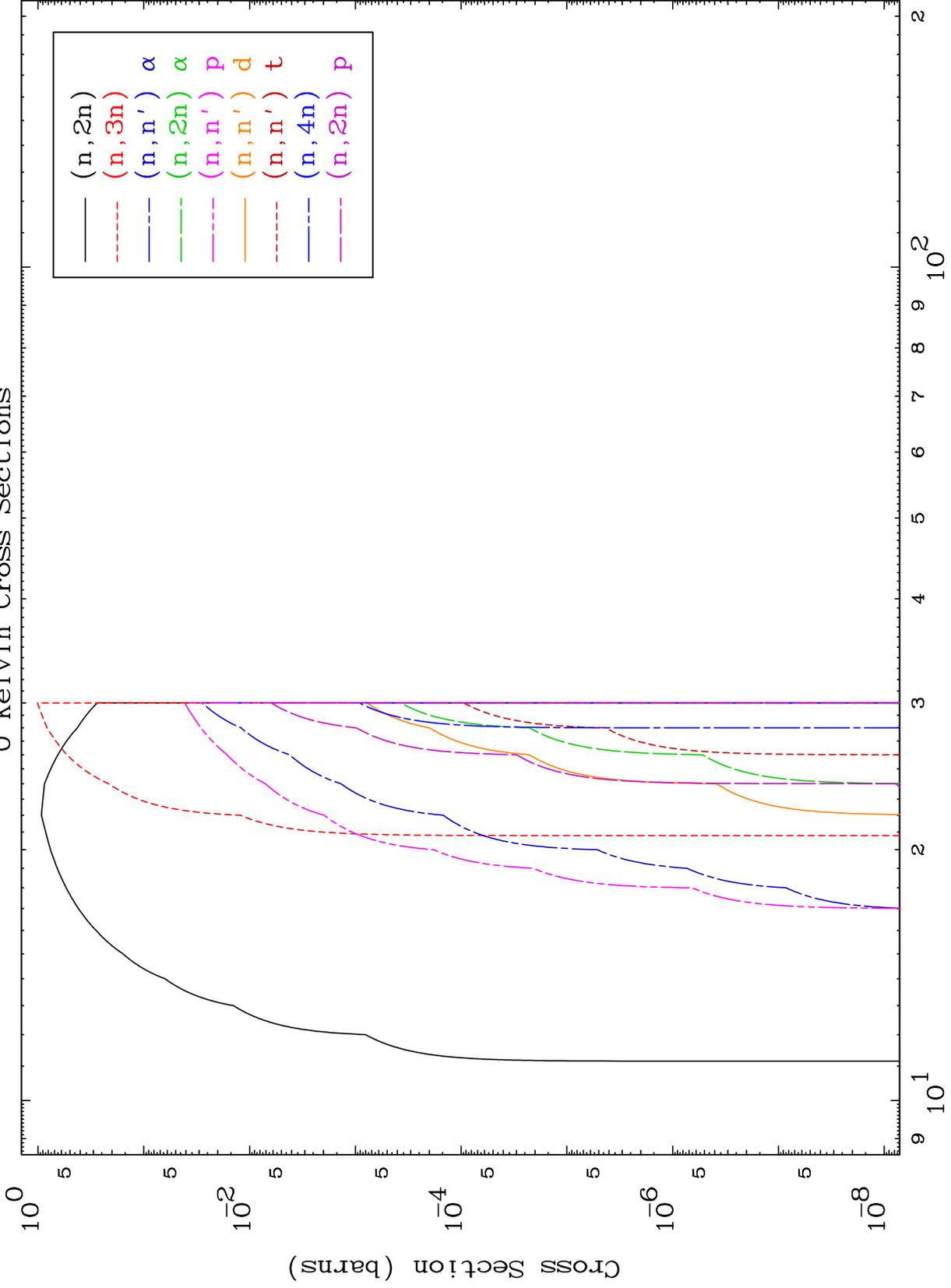
0 Kelvin Cross Sections



MAT 4855

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-116



48-Cd-116

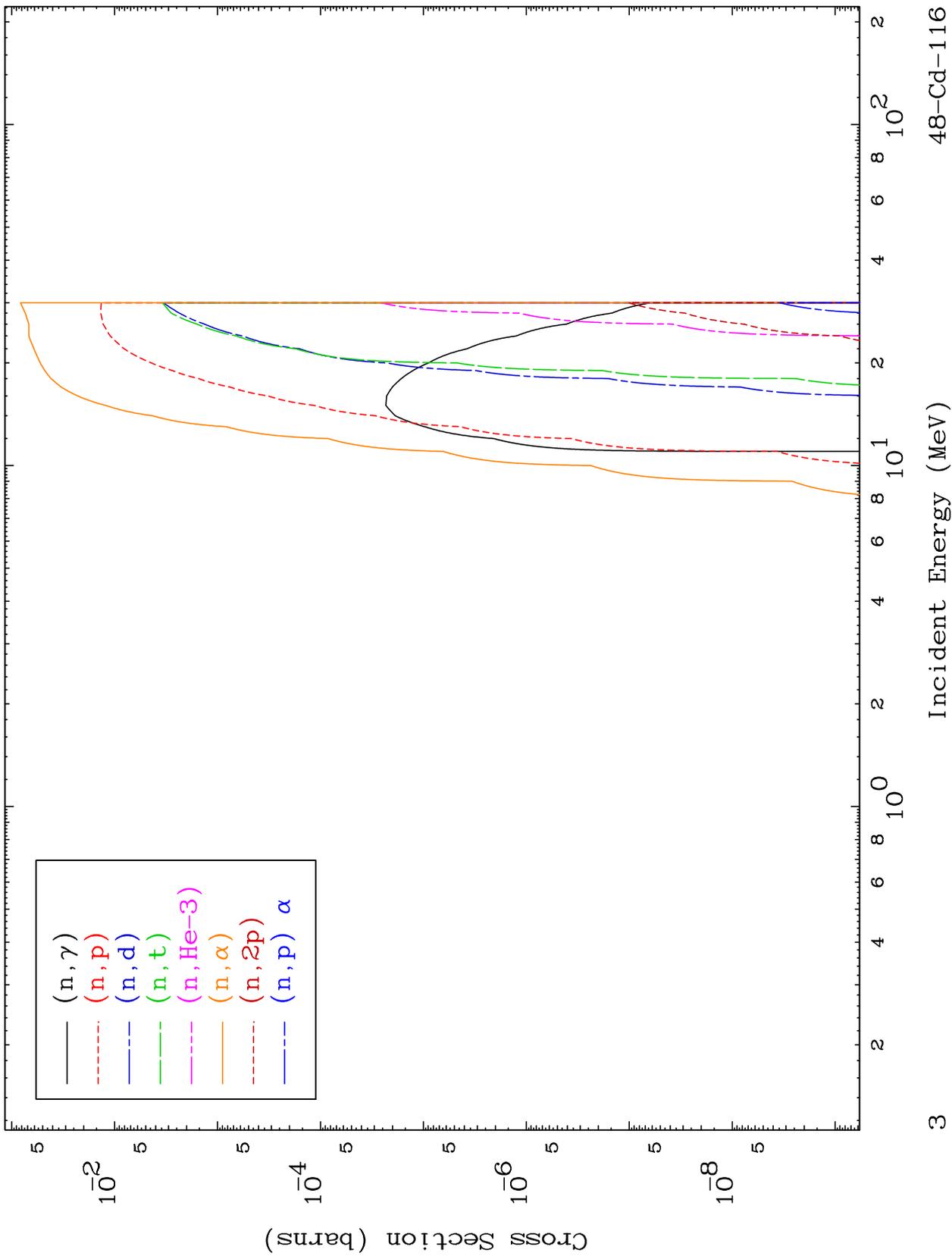
Incident Energy (MeV)

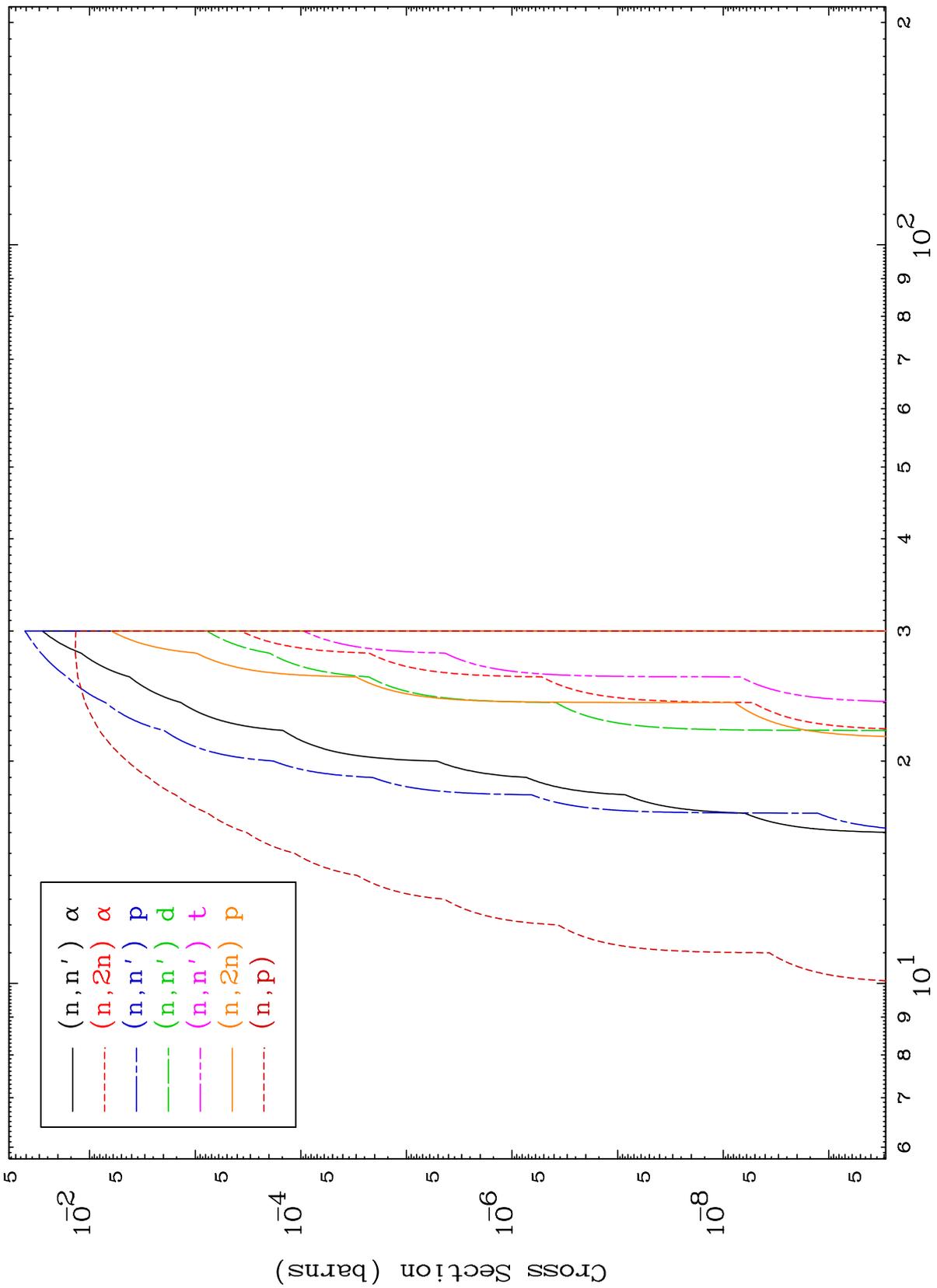
2

MAT 4855

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-116

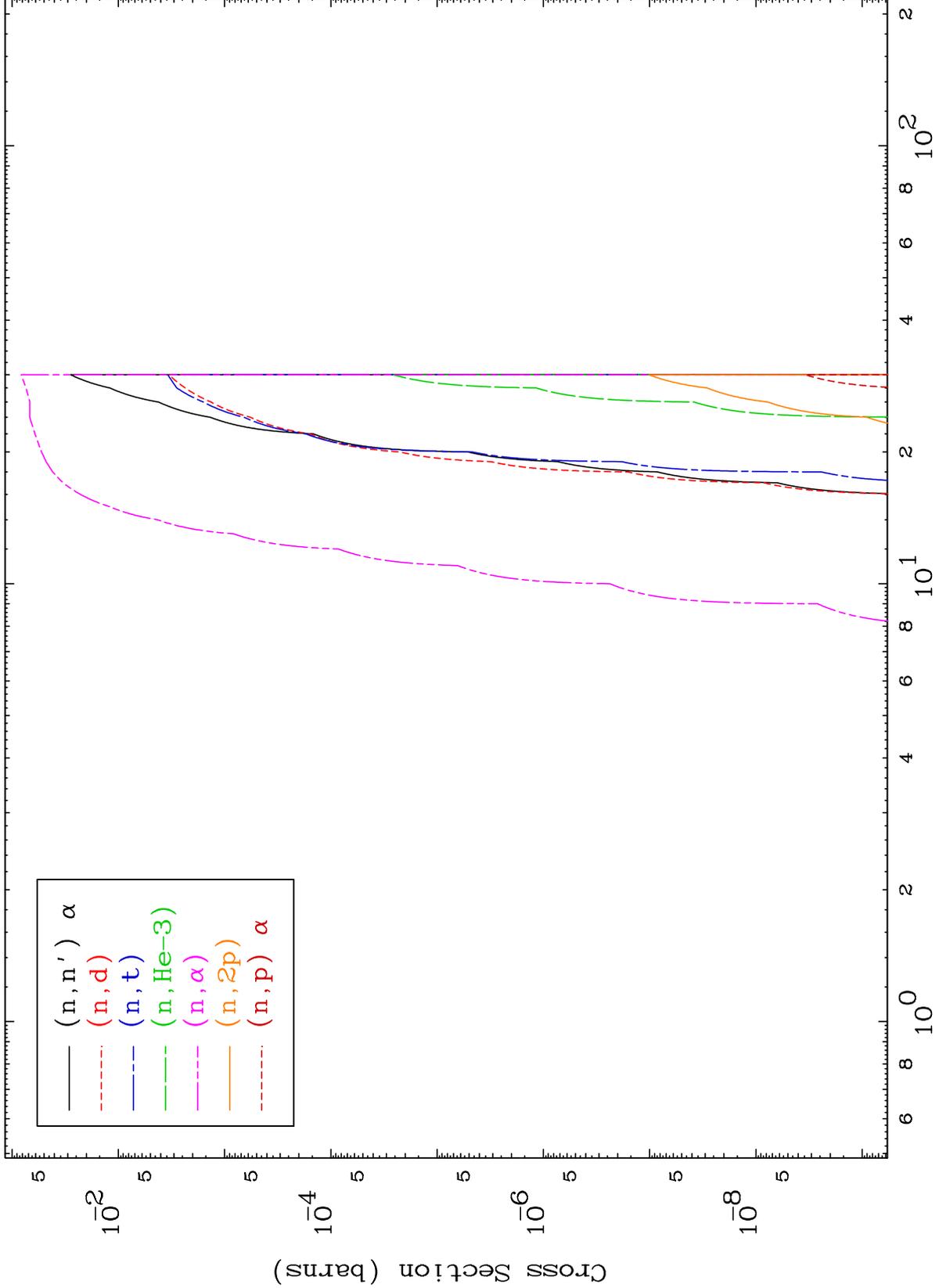




MAT 4855

α Charged Particle
0 Kelvin Cross Sections

48-Cd-116



5

Incident Energy (MeV)

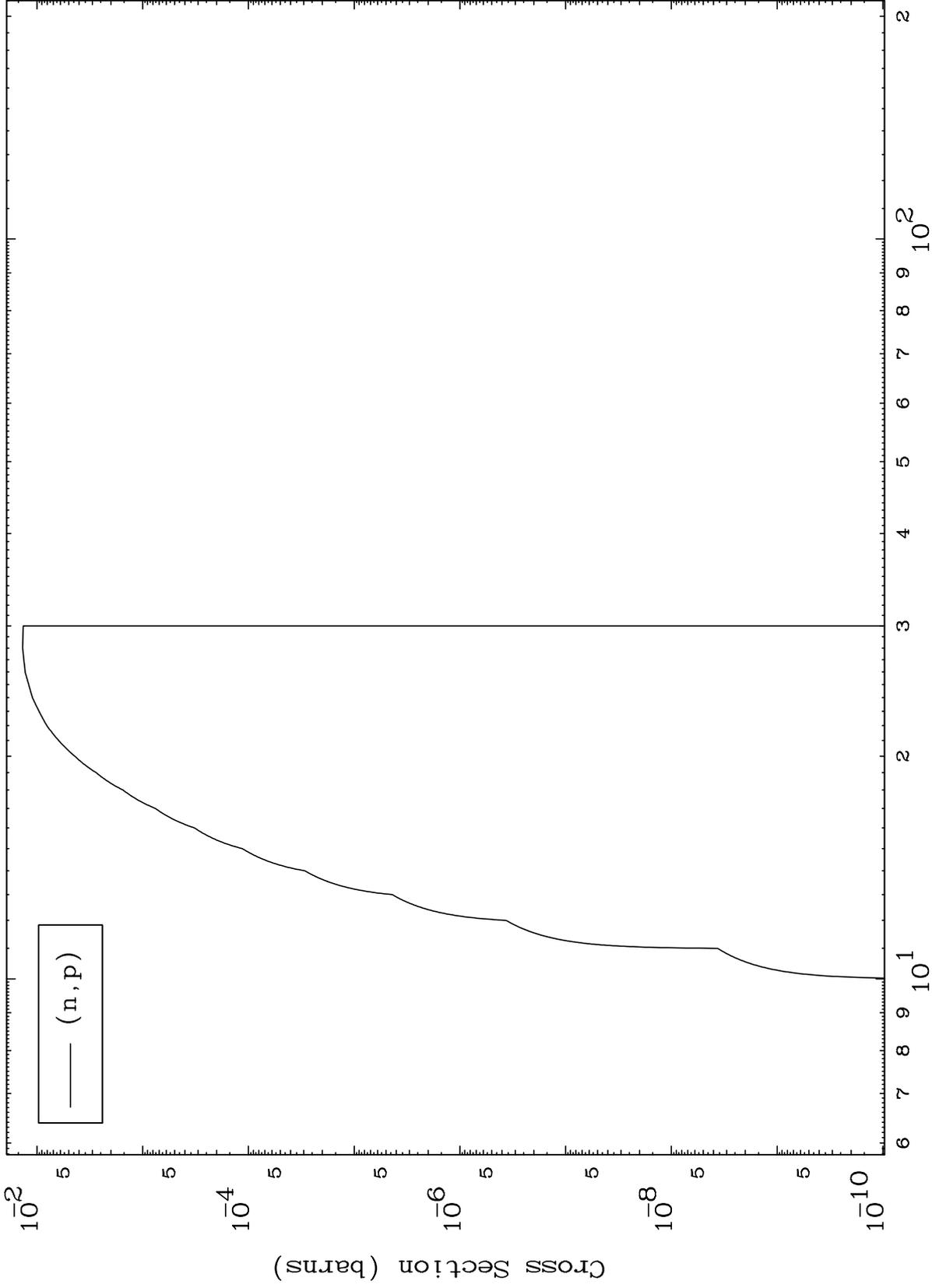
48-Cd-116

MAT 4855

(α, p) Levels

48-Cd-116

0 Kelvin Cross Sections



6

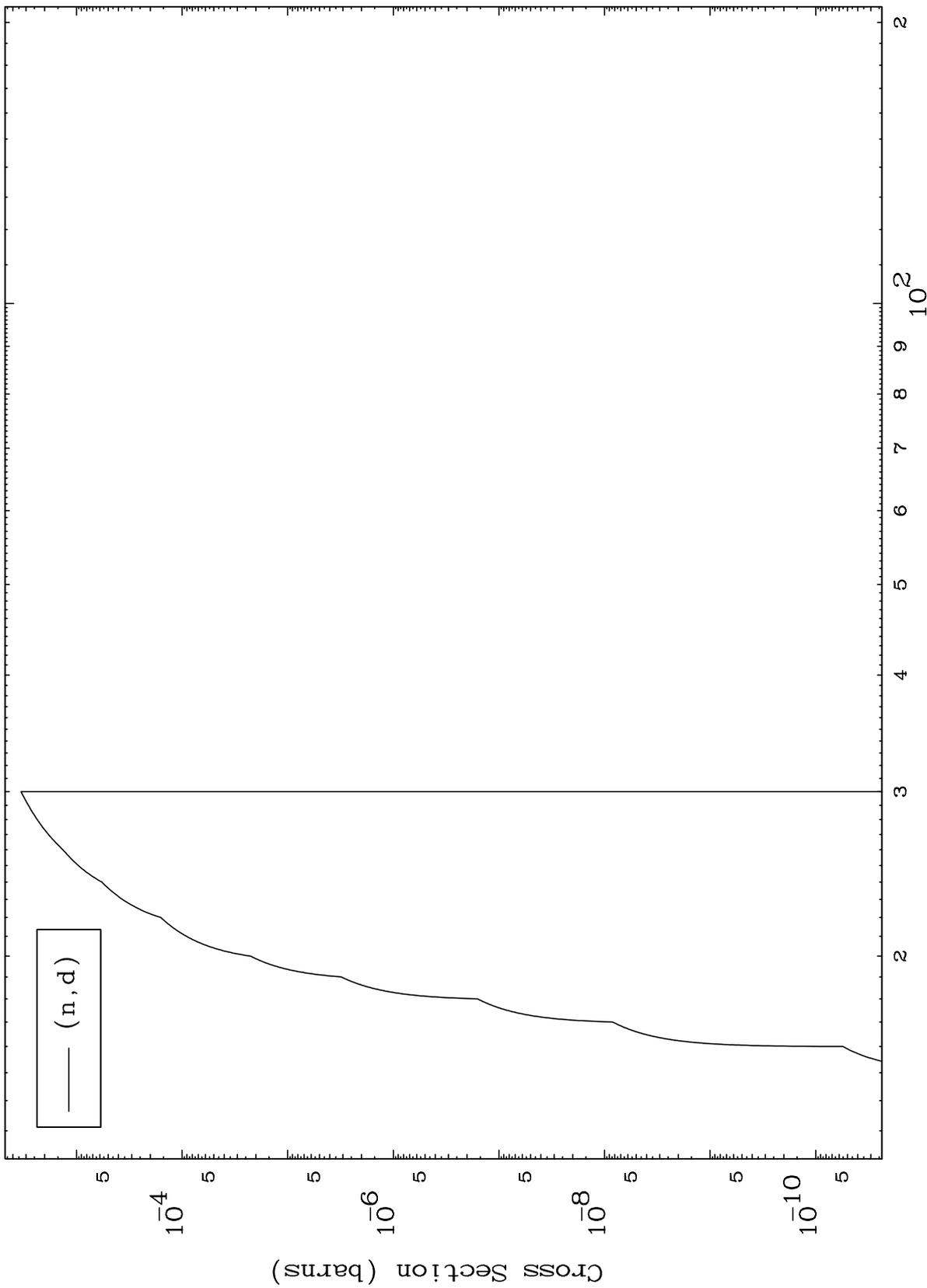
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(α, d) Levels
0 Kelvin Cross Sections



48-Cd-116

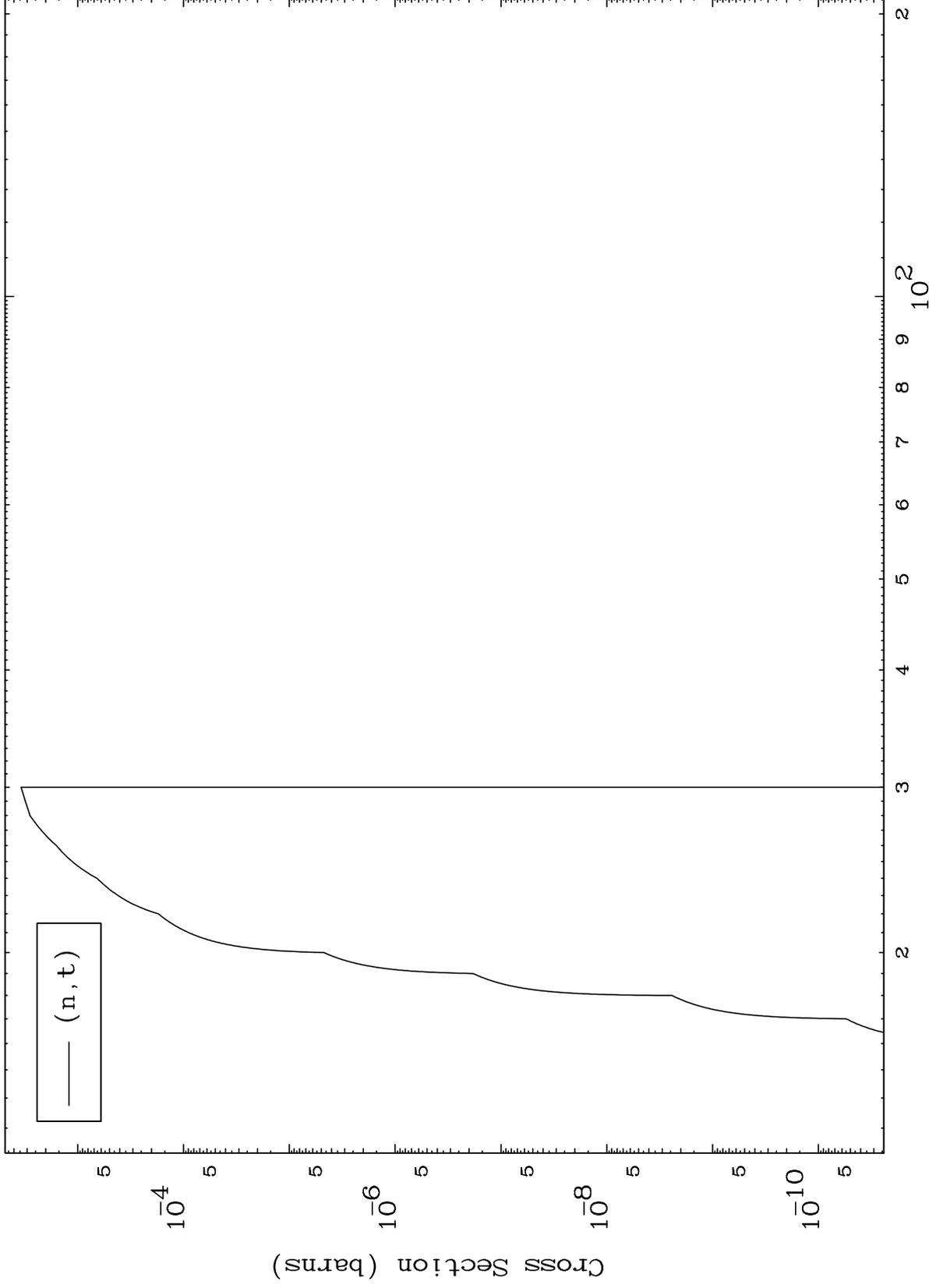
Incident Energy (MeV)

7

MAT 4855

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-116



8

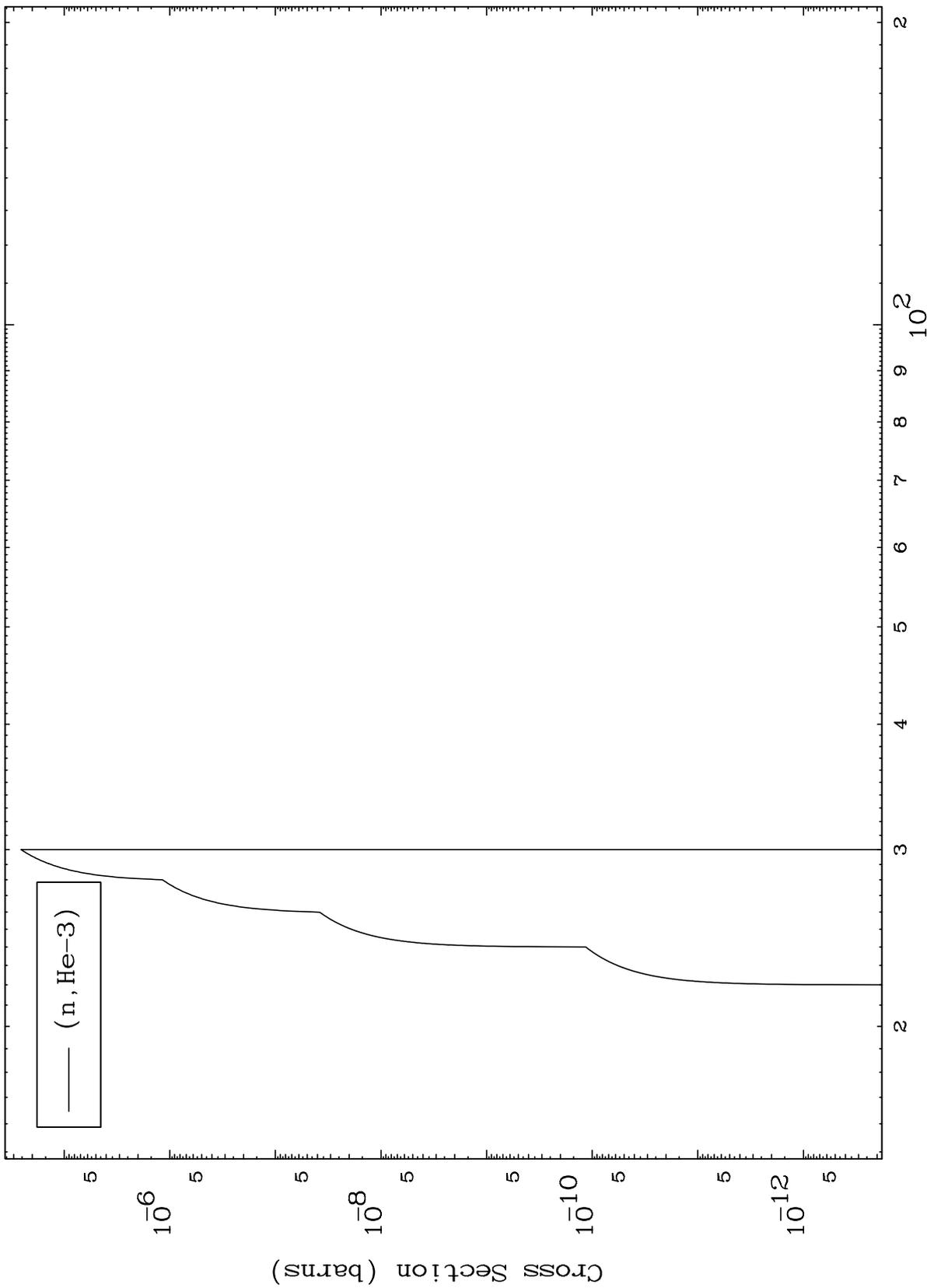
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

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

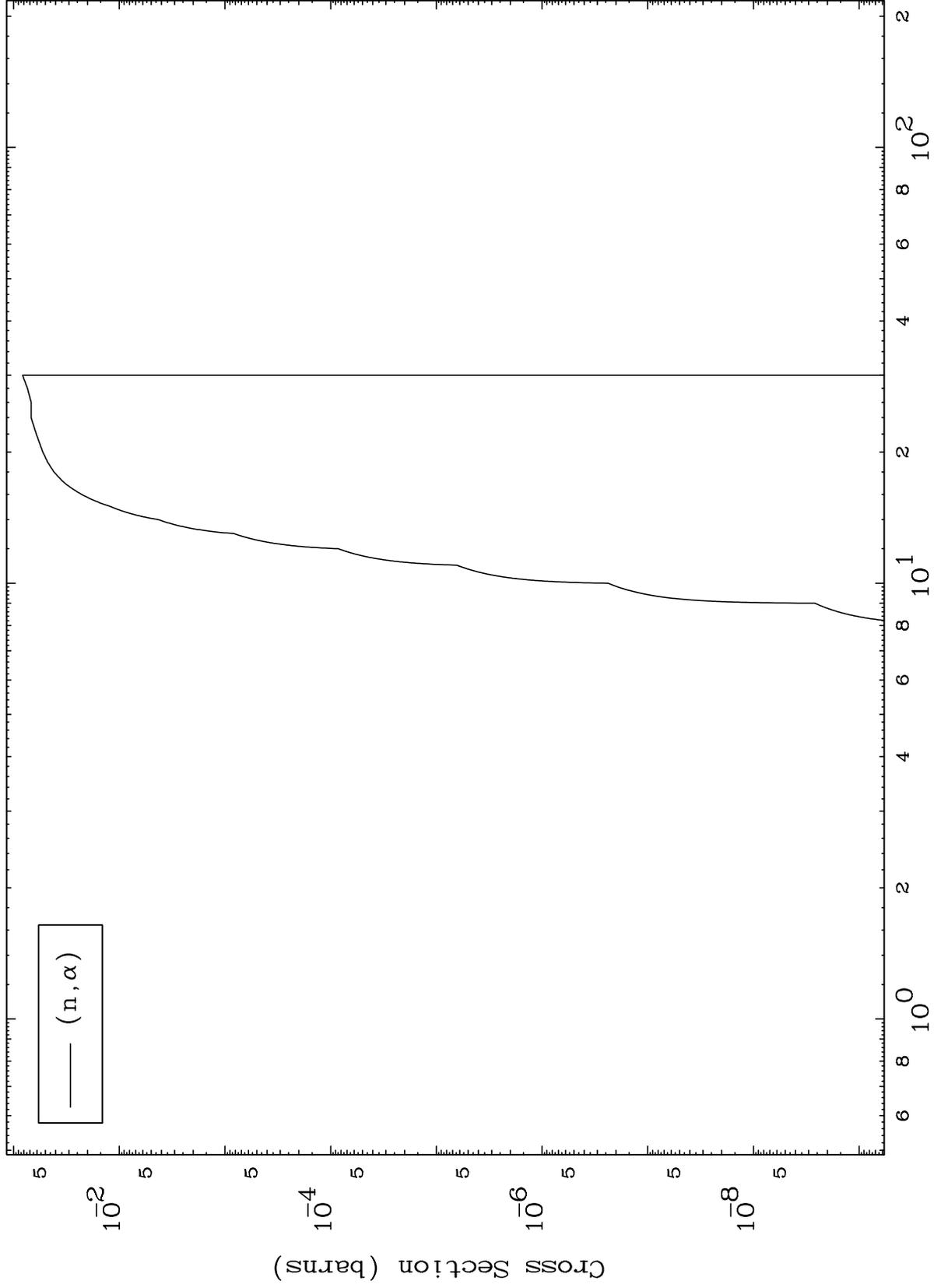


MAT 4855

(α, α) Levels

48-Cd-116

0 Kelvin Cross Sections



10

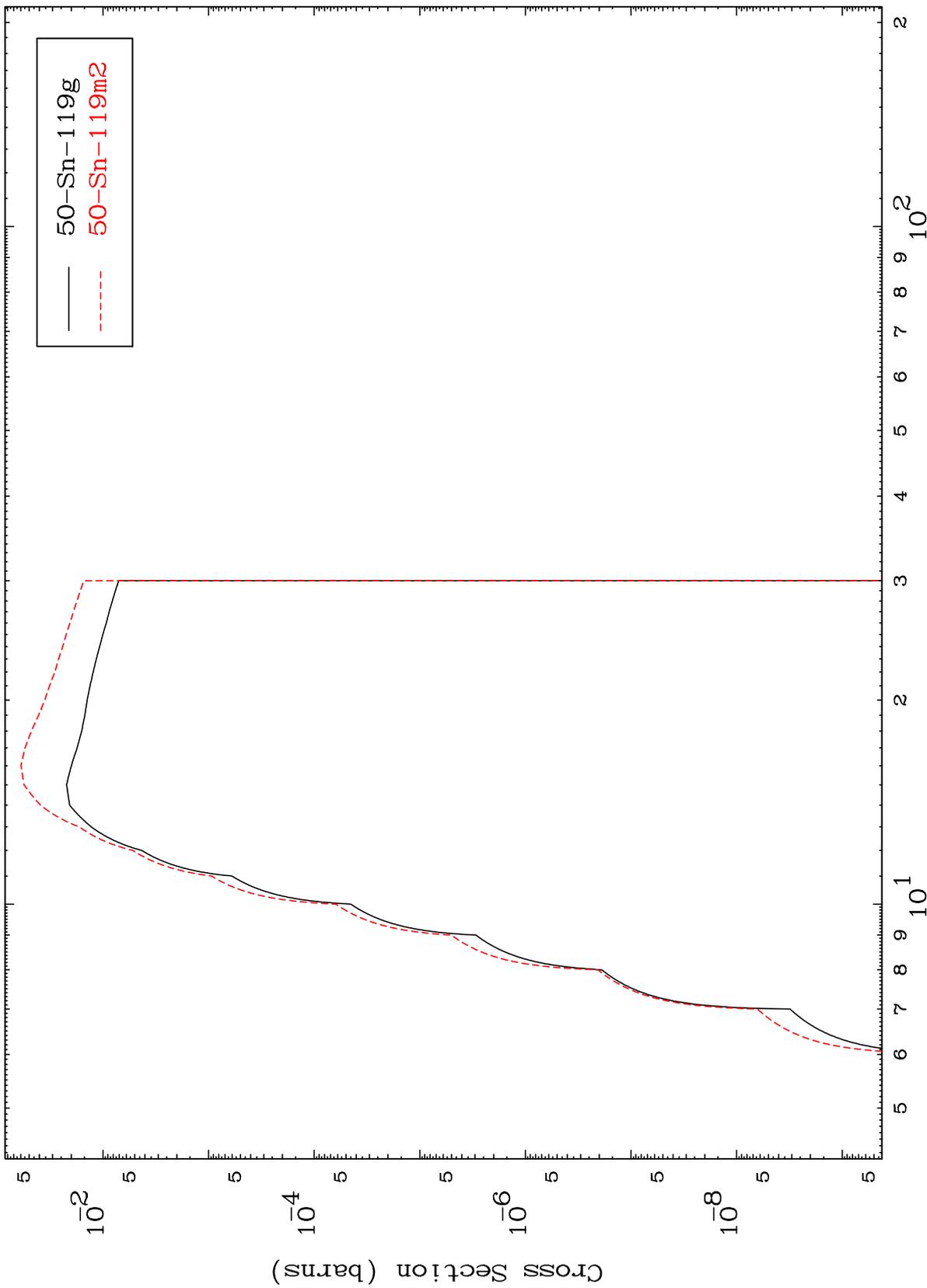
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

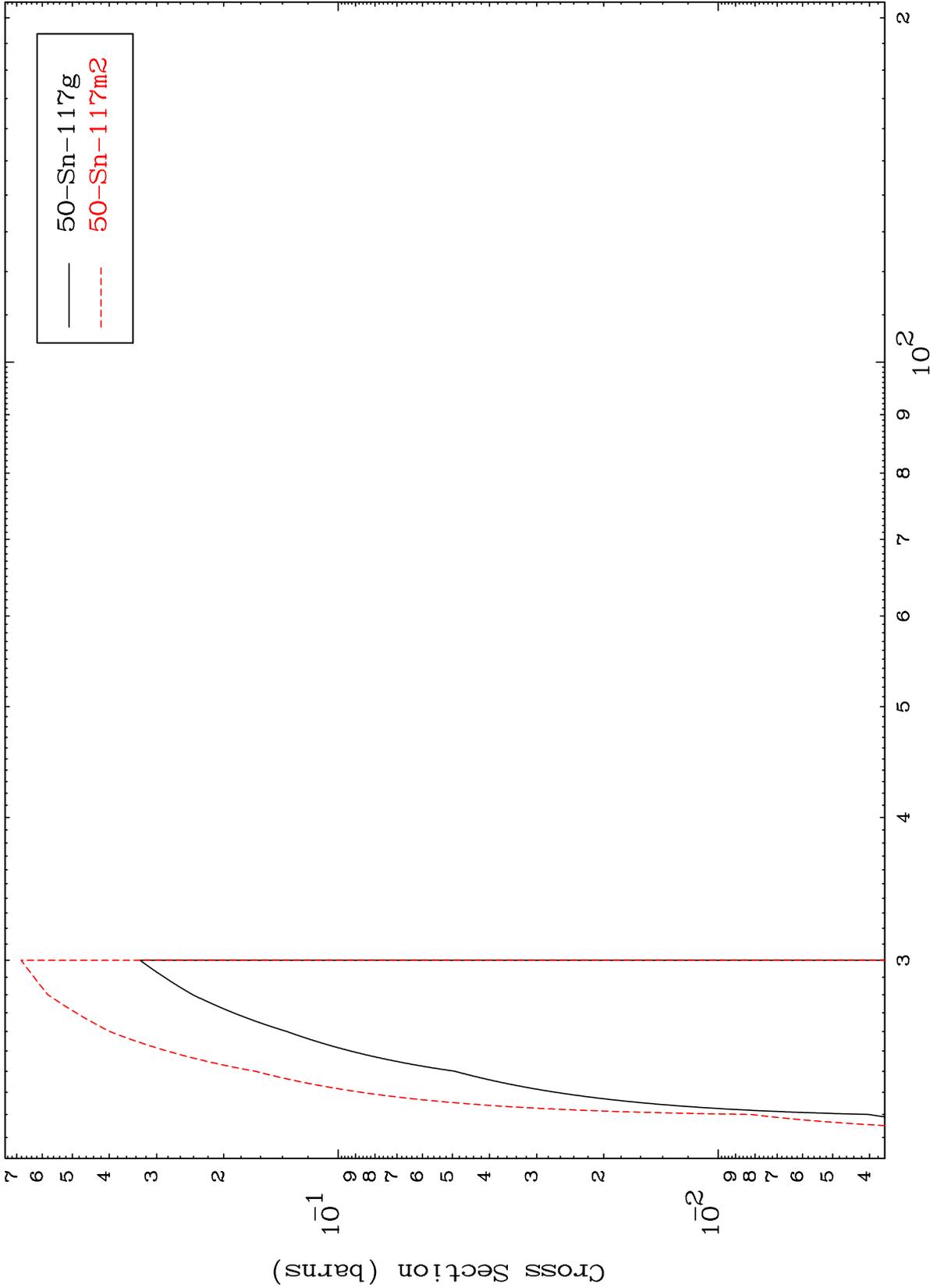
48-Cd-116

MAT 4855

(n,3n)

48-Cd-116

Radionuclide Production Cross Section



50-Sn-117g
50-Sn-117m2

12

Incident Energy (MeV)

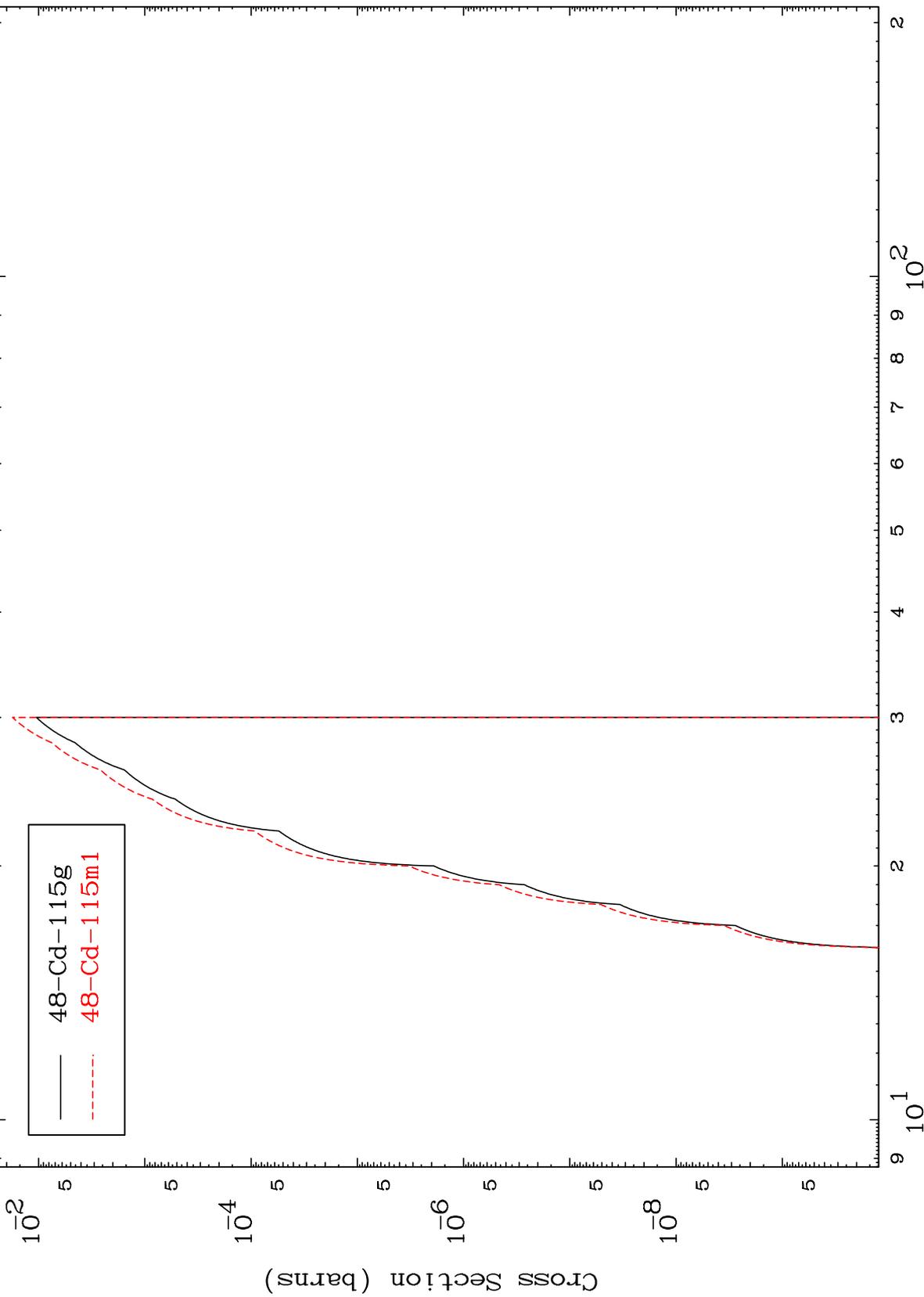
48-Cd-116

MAT 4855

(n,n') α

48-Cd-116

Radionuclide Production Cross Section



— 48-Cd-115g
- - - 48-Cd-115m1

13

Incident Energy (MeV)

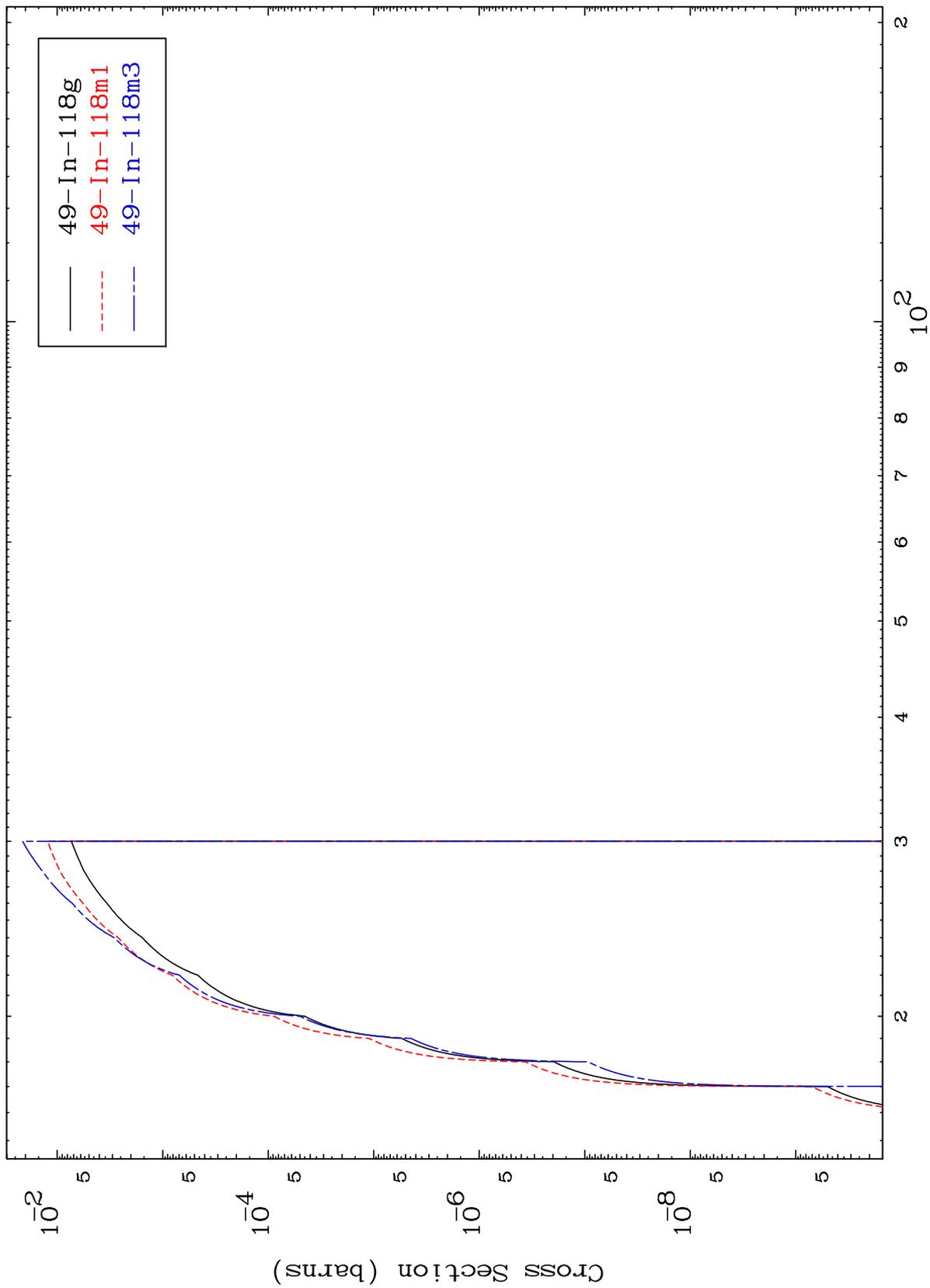
48-Cd-116

MAT 4855

(n,n') p

48-Cd-116

Radionuclide Production Cross Section



14

Incident Energy (MeV)

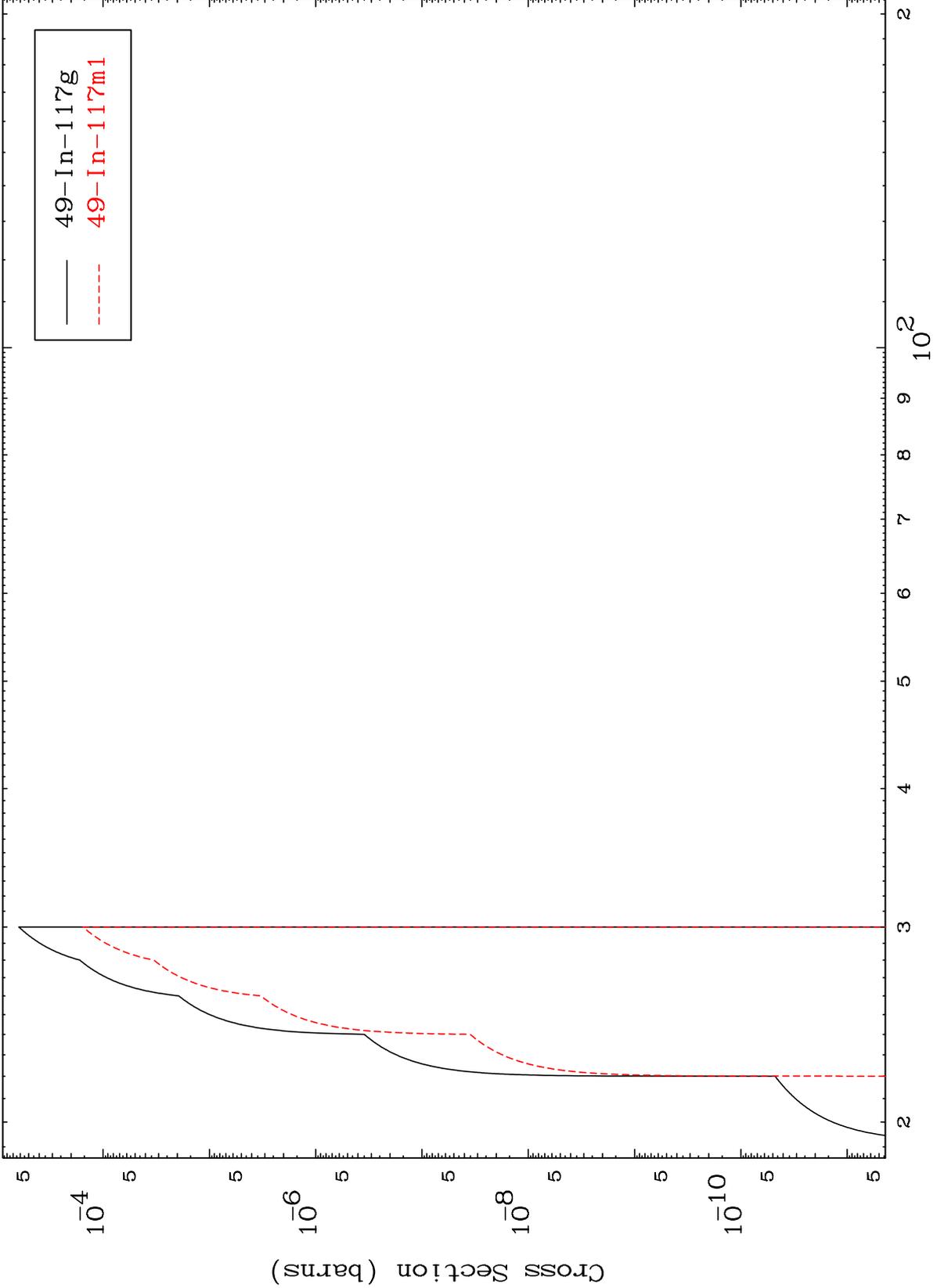
48-Cd-116

MAT 4855

(n,n') d

48-Cd-116

Radionuclide Production Cross Section



15

Incident Energy (MeV)

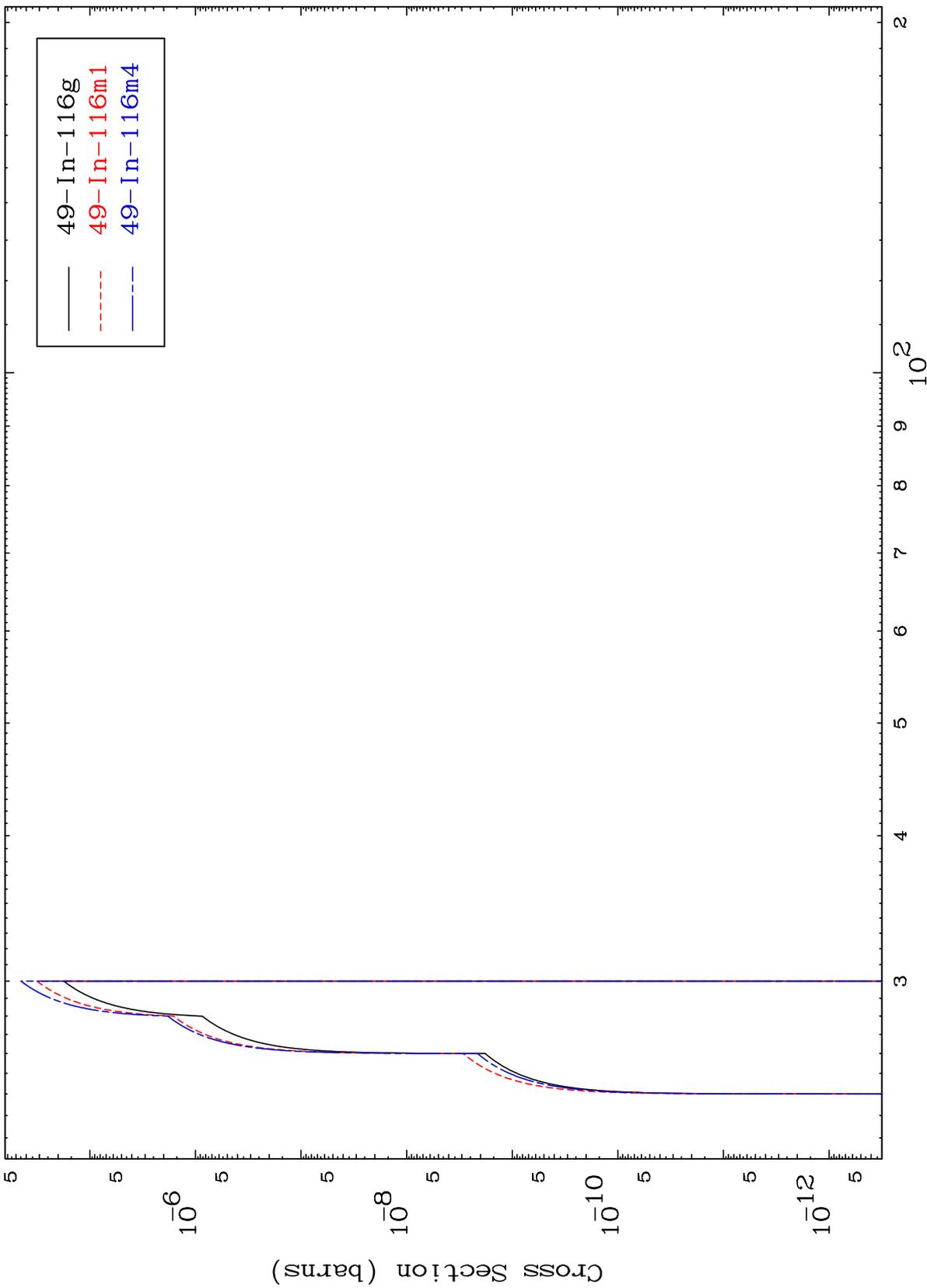
48-Cd-116

MAT 4855

(n,n') t

48-Cd-116

Radionuclide Production Cross Section



16

Incident Energy (MeV)

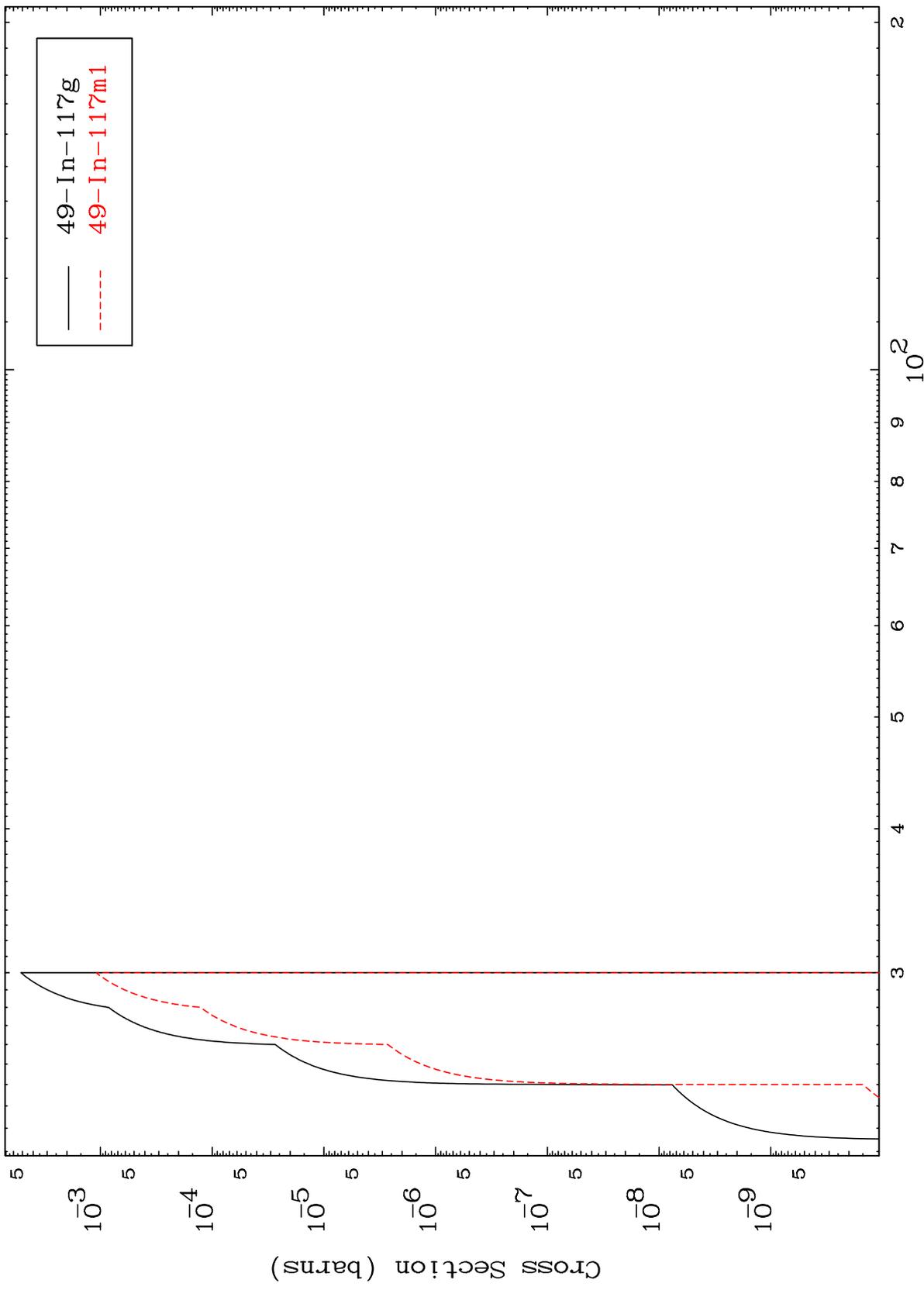
48-Cd-116

MAT 4855

(n,2n) p

48-Cd-116

Radionuclide Production Cross Section



17

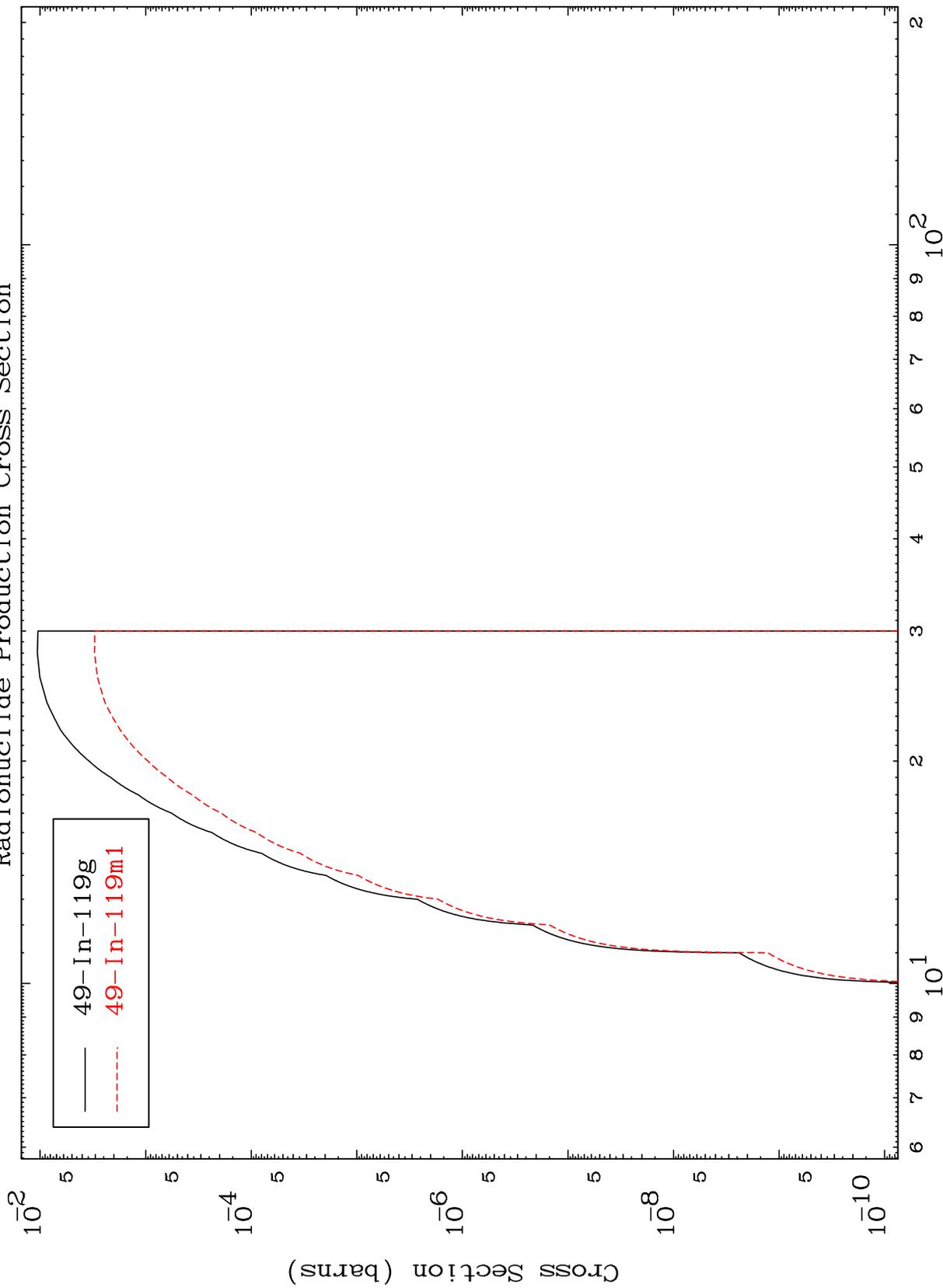
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,p)
Radionuclide Production Cross Section



18

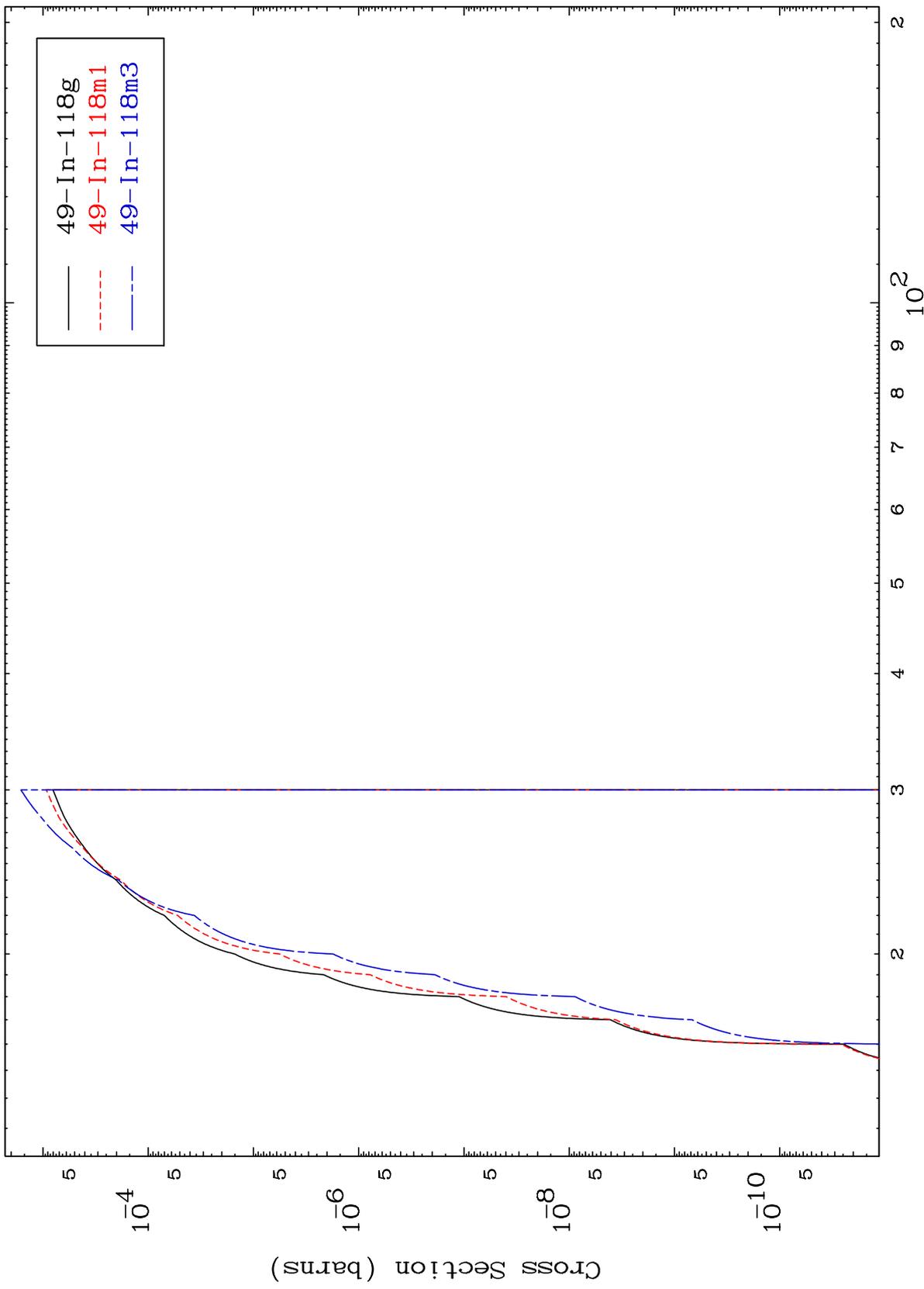
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,d)
Radionuclide Production Cross Section



19

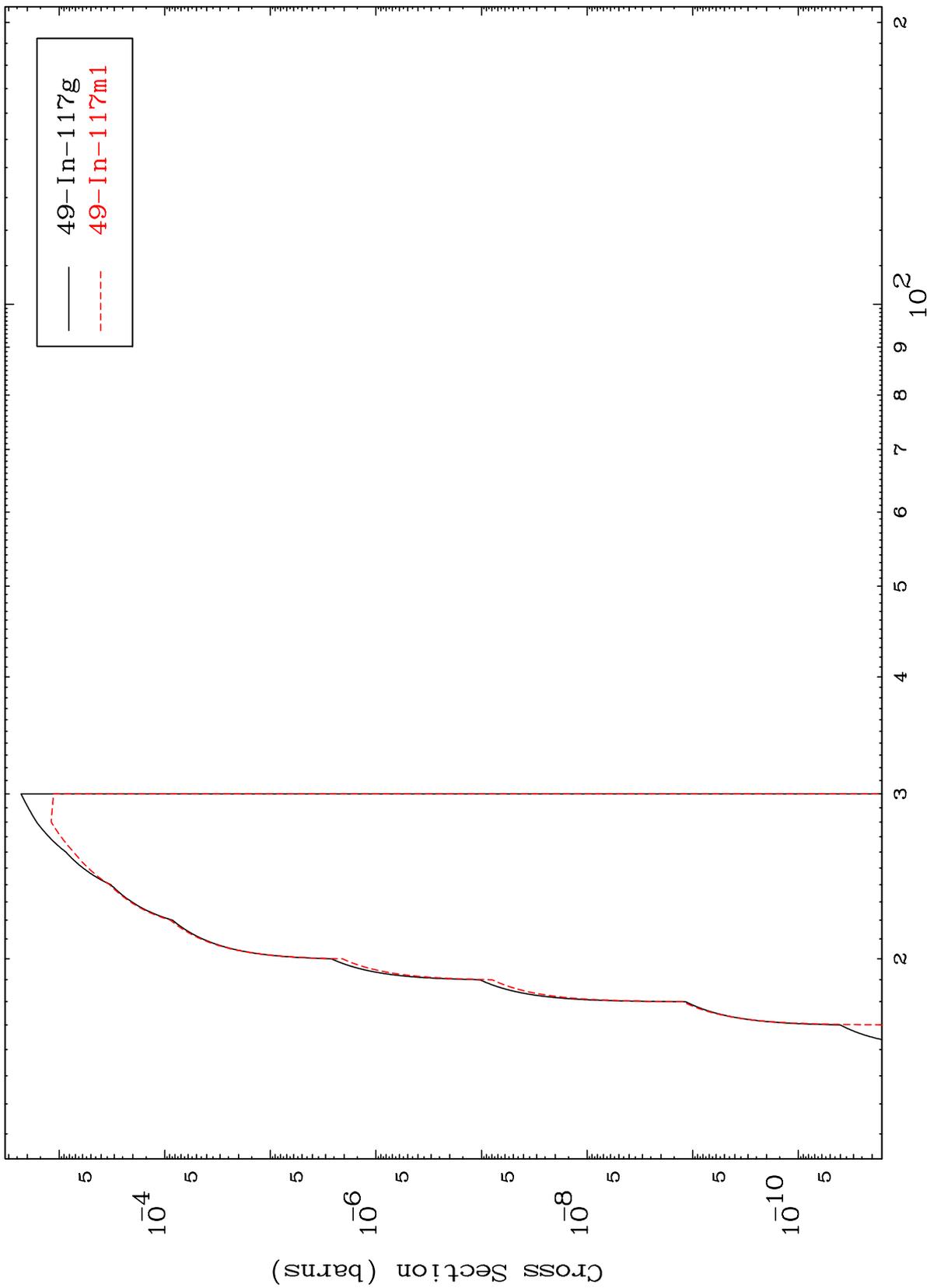
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,t)
Radionuclide Production Cross Section



49-In-117g
49-In-117m1

20

Incident Energy (MeV)

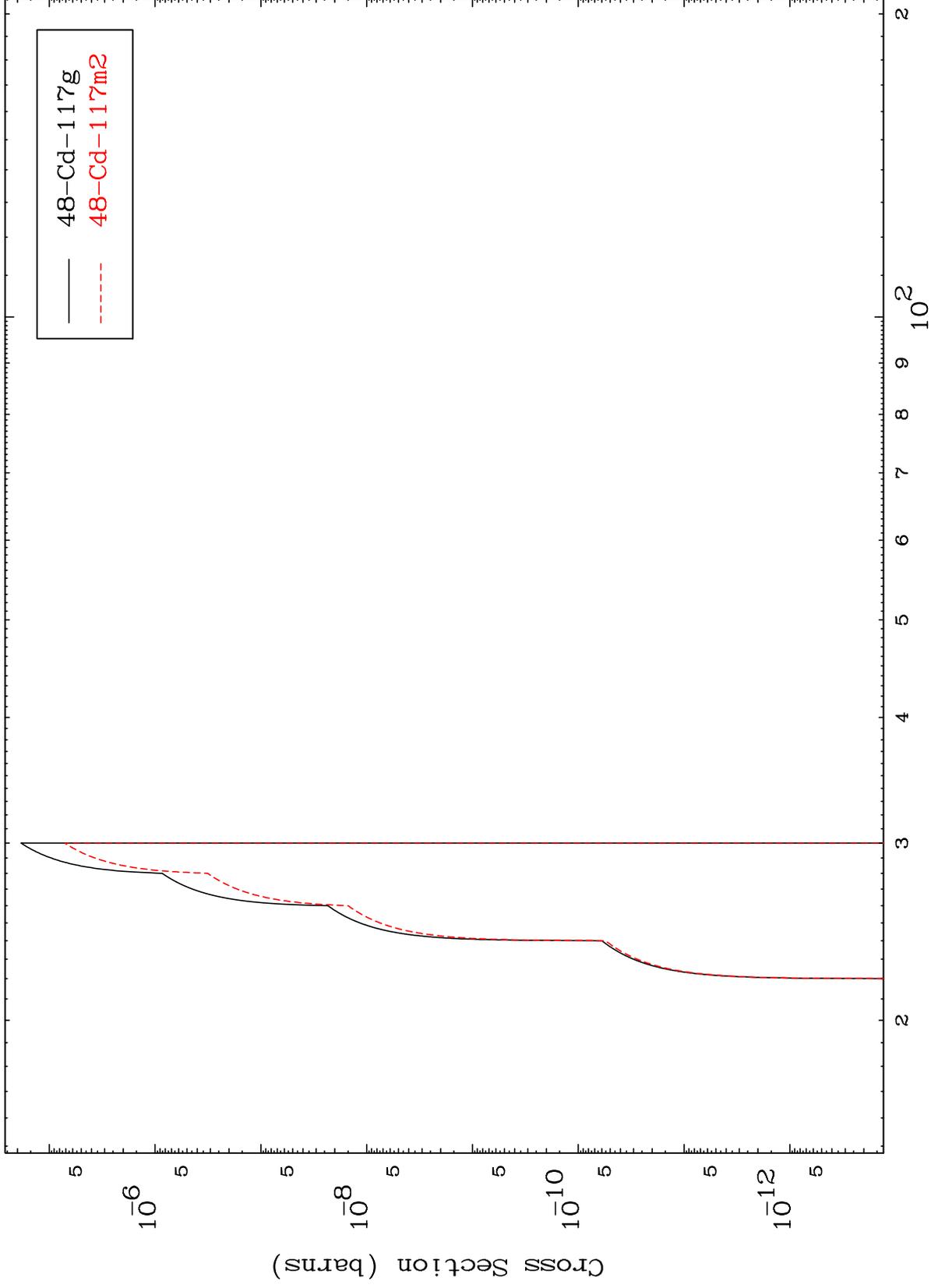
48-Cd-116

MAT 4855

(n,He-3)

48-Cd-116

Radionuclide Production Cross Section



21

Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,p) α

48-Cd-116

Radionuclide Production Cross Section

