

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

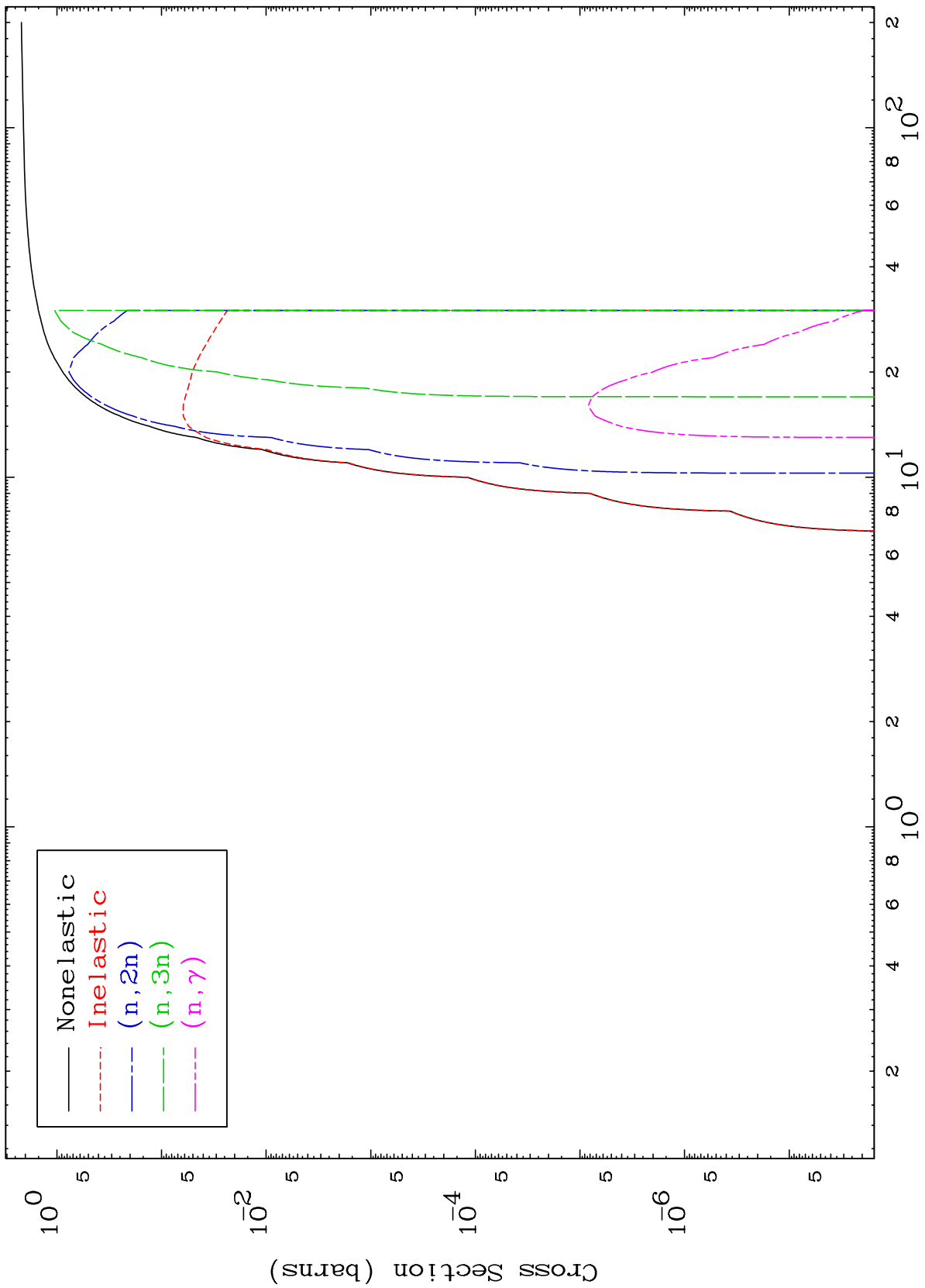
Press Mouse Button to Start

MAT 4859

α Major

48-Cd-117m

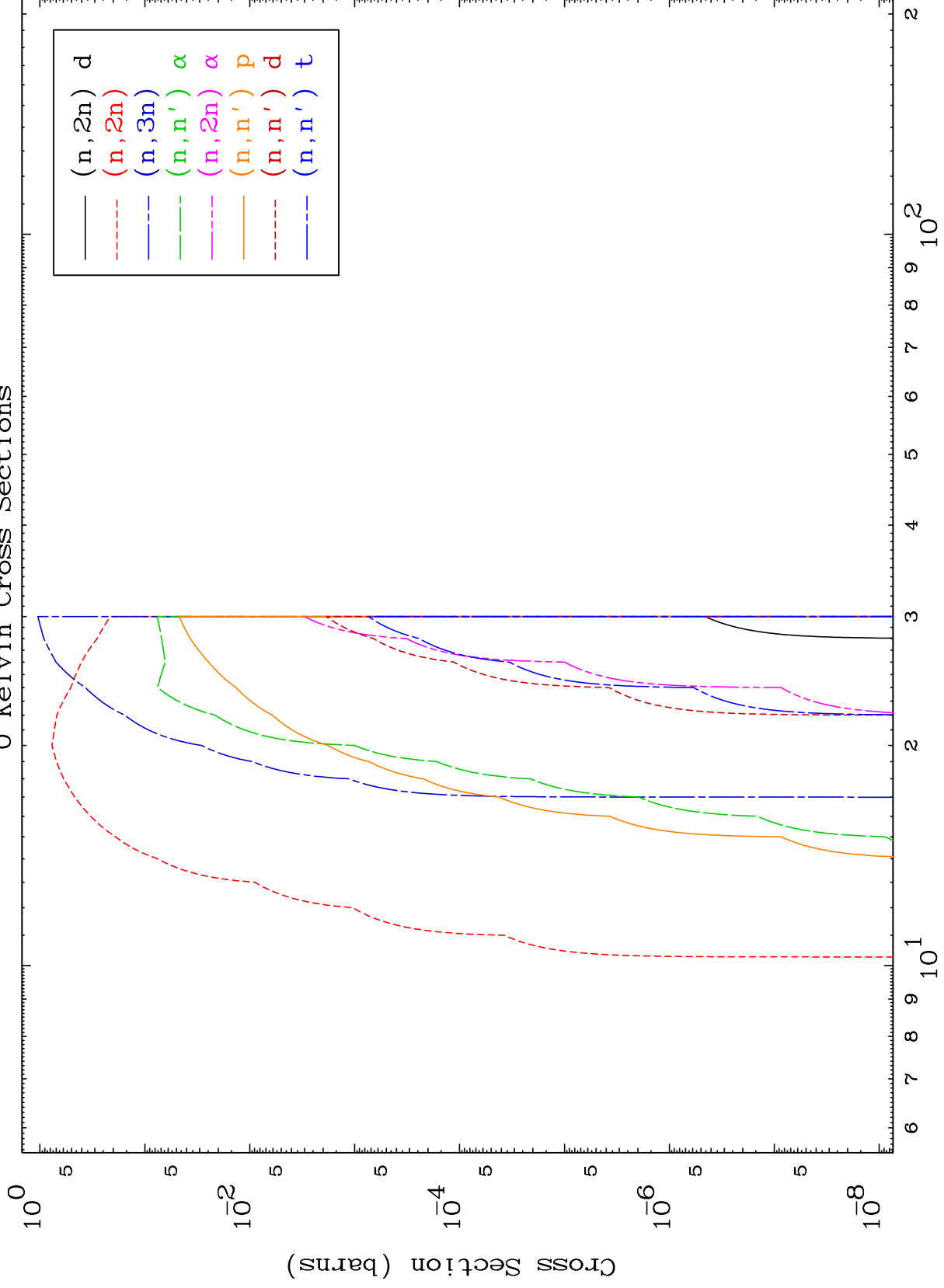
0 Kelvin Cross Sections



MAT 4859

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-117m



2

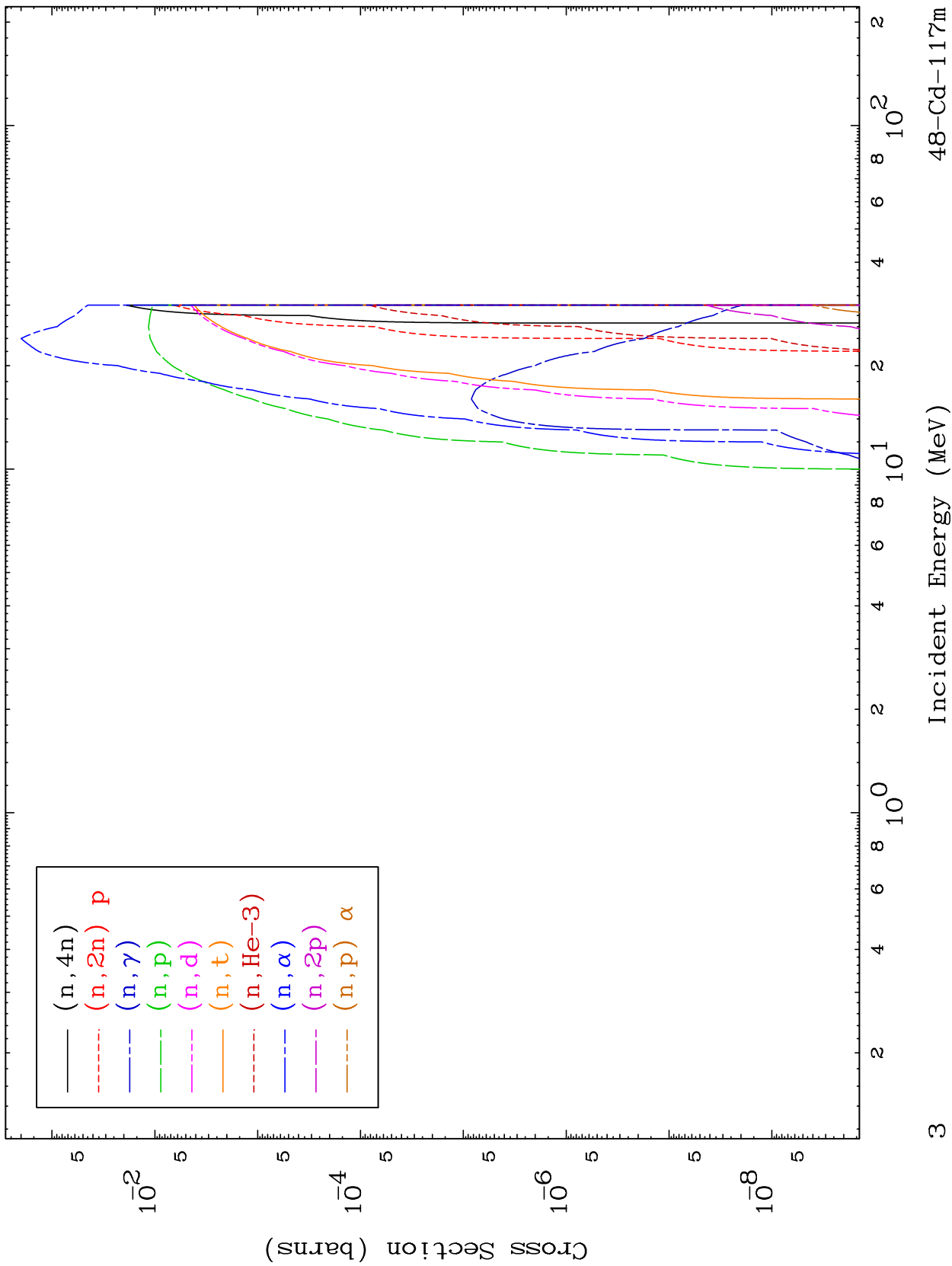
Incident Energy (MeV)

48-Cd-117m

MAT 4859

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-117m



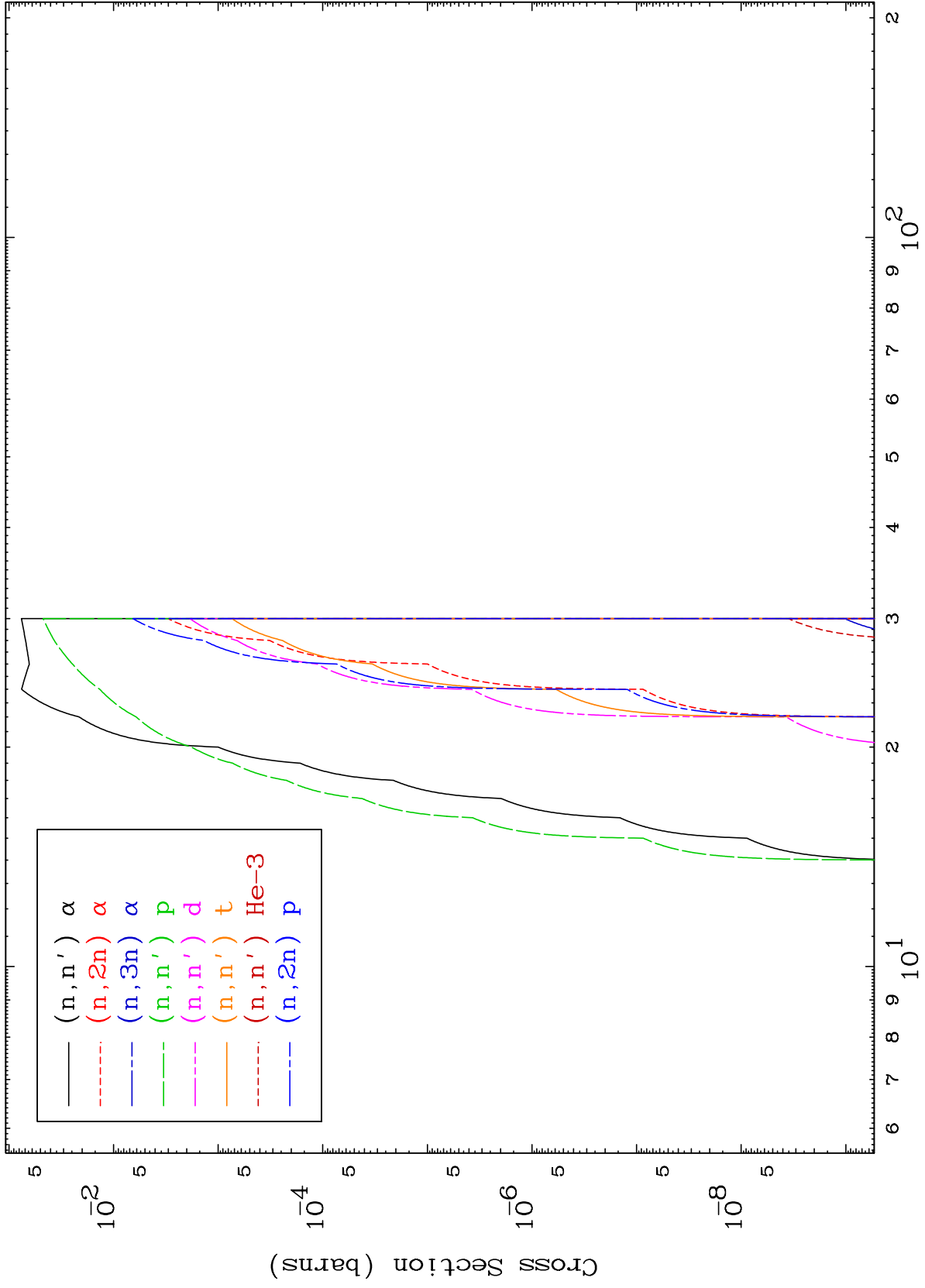
48-Cd-117m

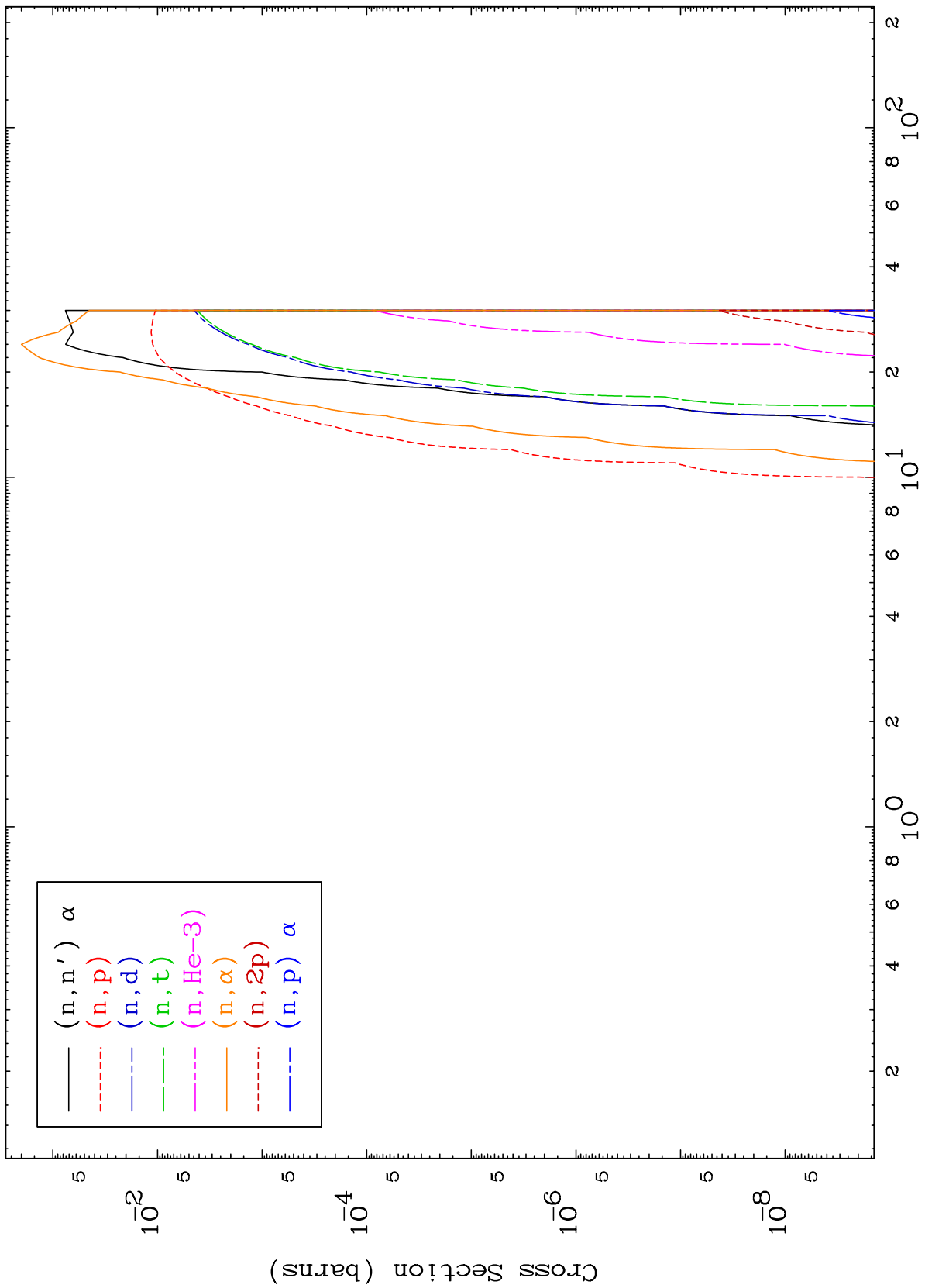
Incident Energy (MeV)

MAT 4859

α Charged Particle
0 Kelvin Cross Sections

48-Cd-117m

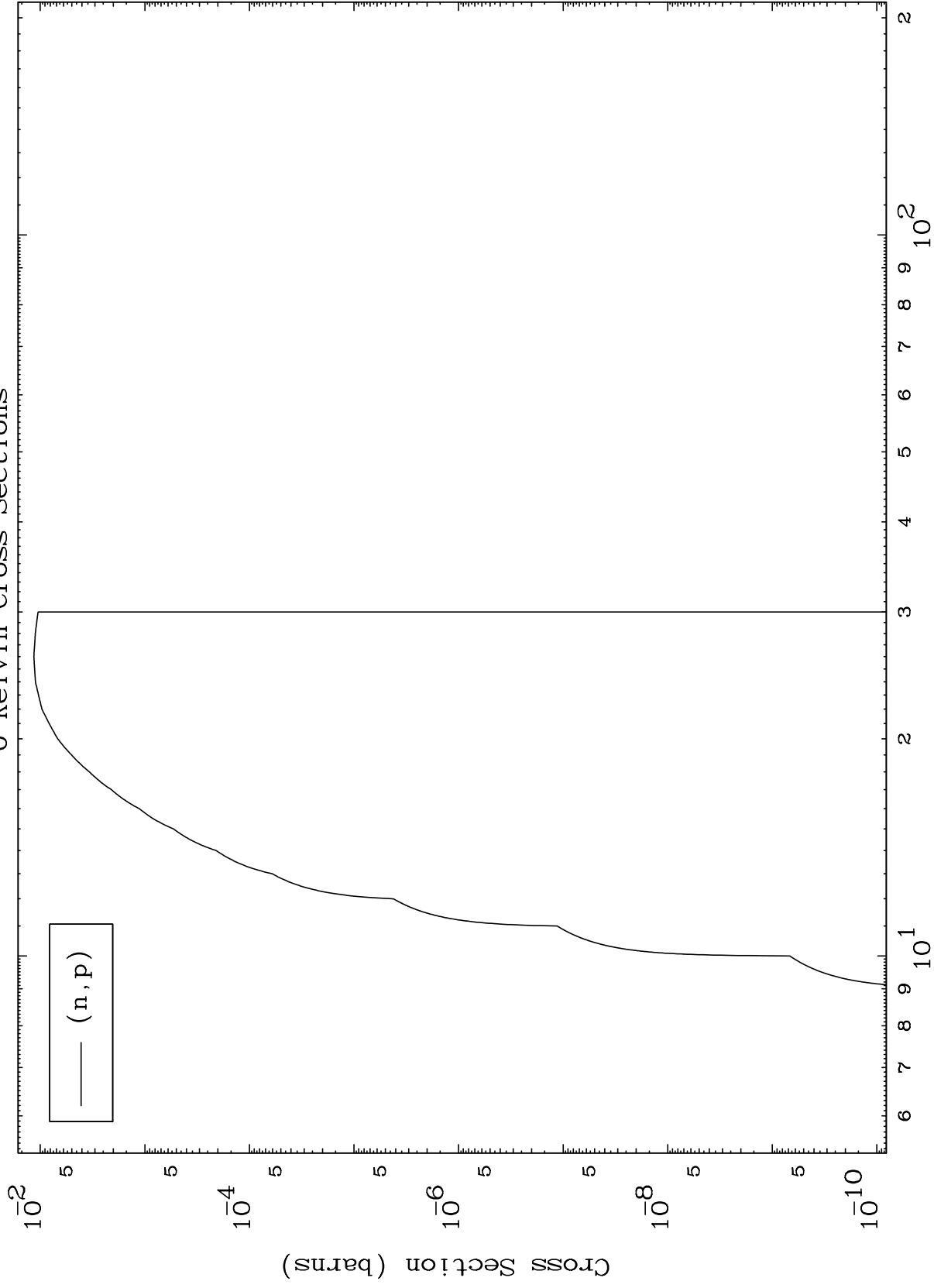




MAT 4859

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-117m



6

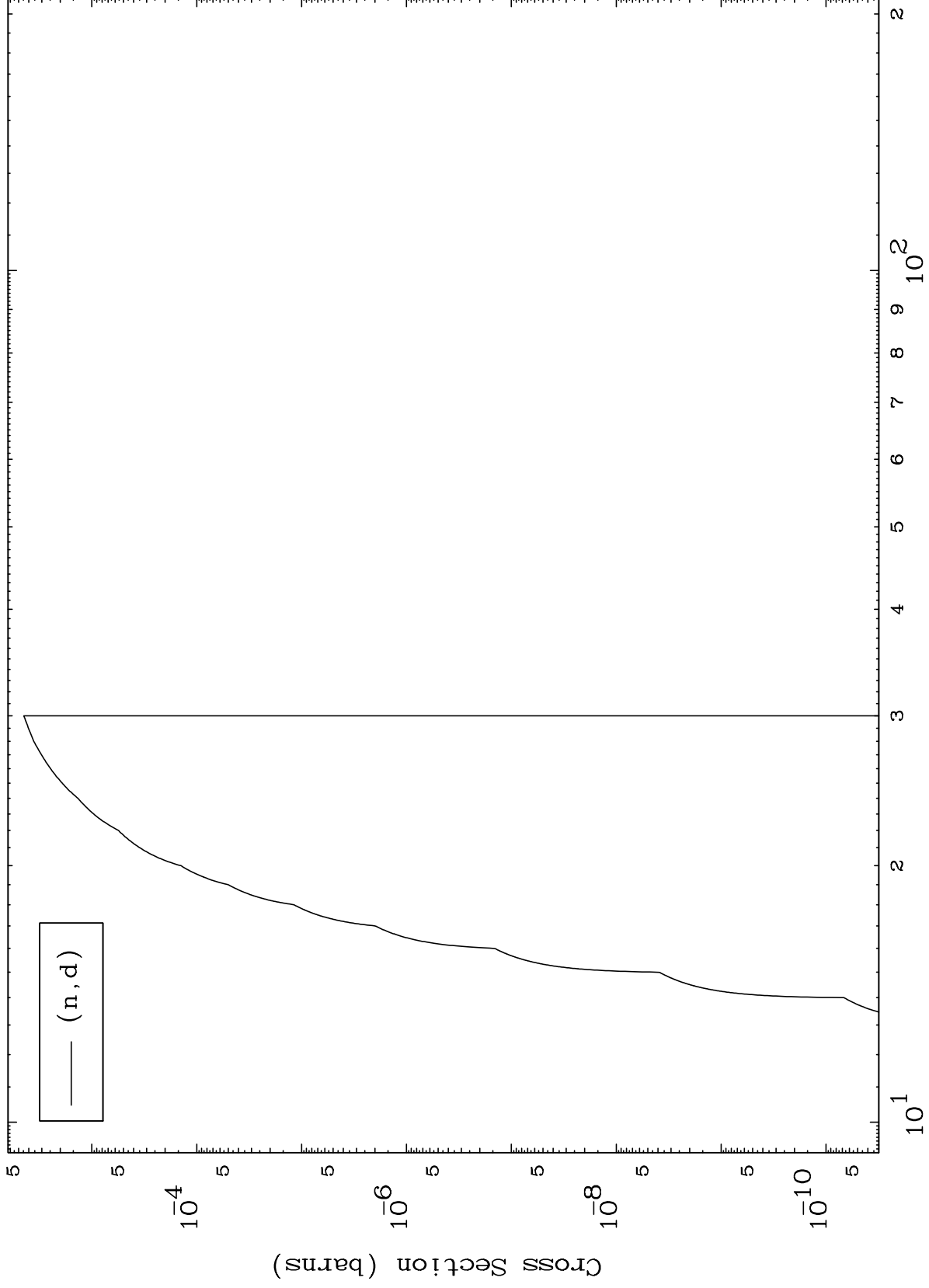
Incident Energy (MeV)

48-Cd-117m

MAT 4859

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-117m



Incident Energy (MeV)

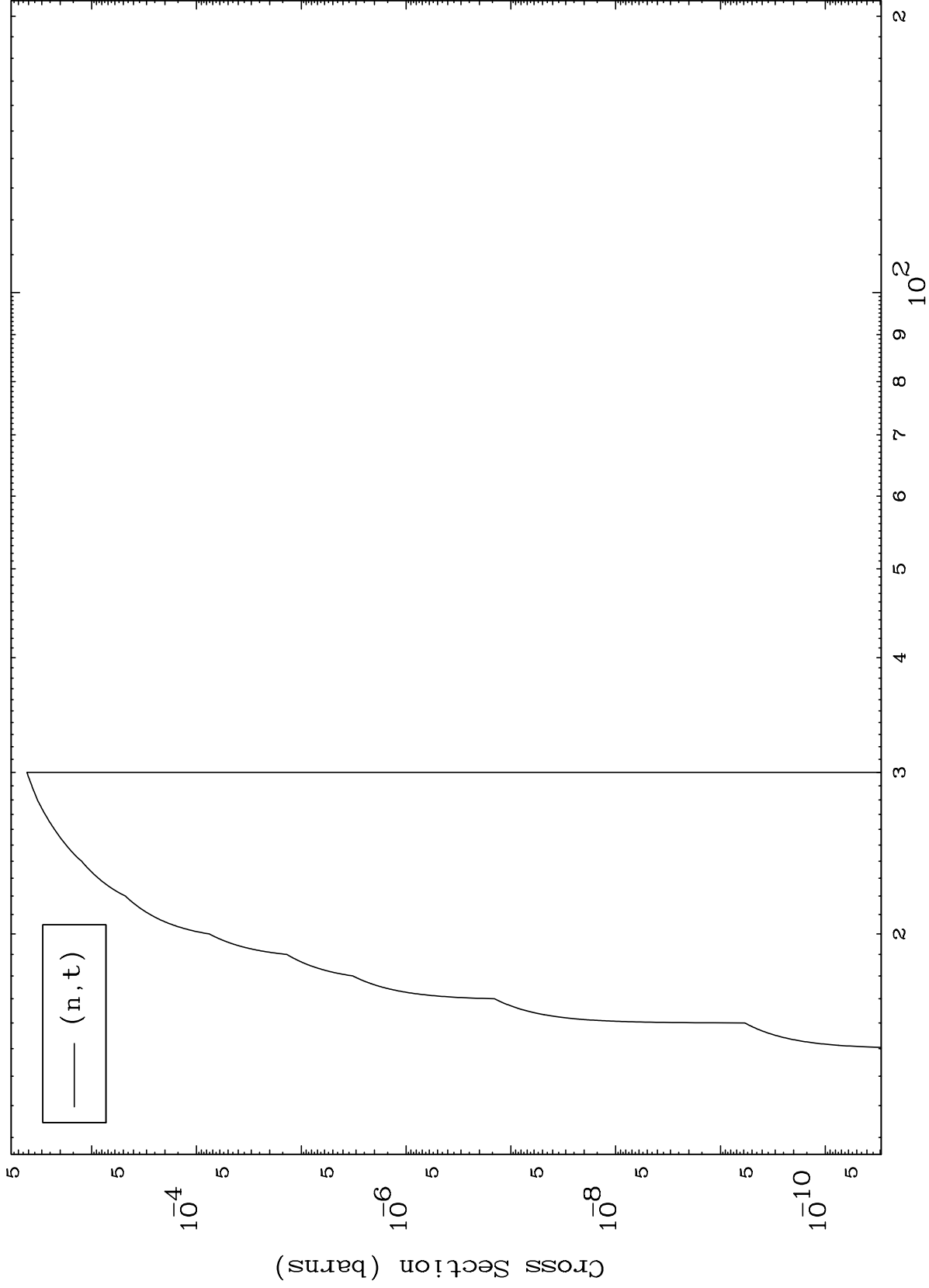
48-Cd-117m

MAT 4859

(α, t) Levels

48-Cd-117m

0 Kelvin Cross Sections



8

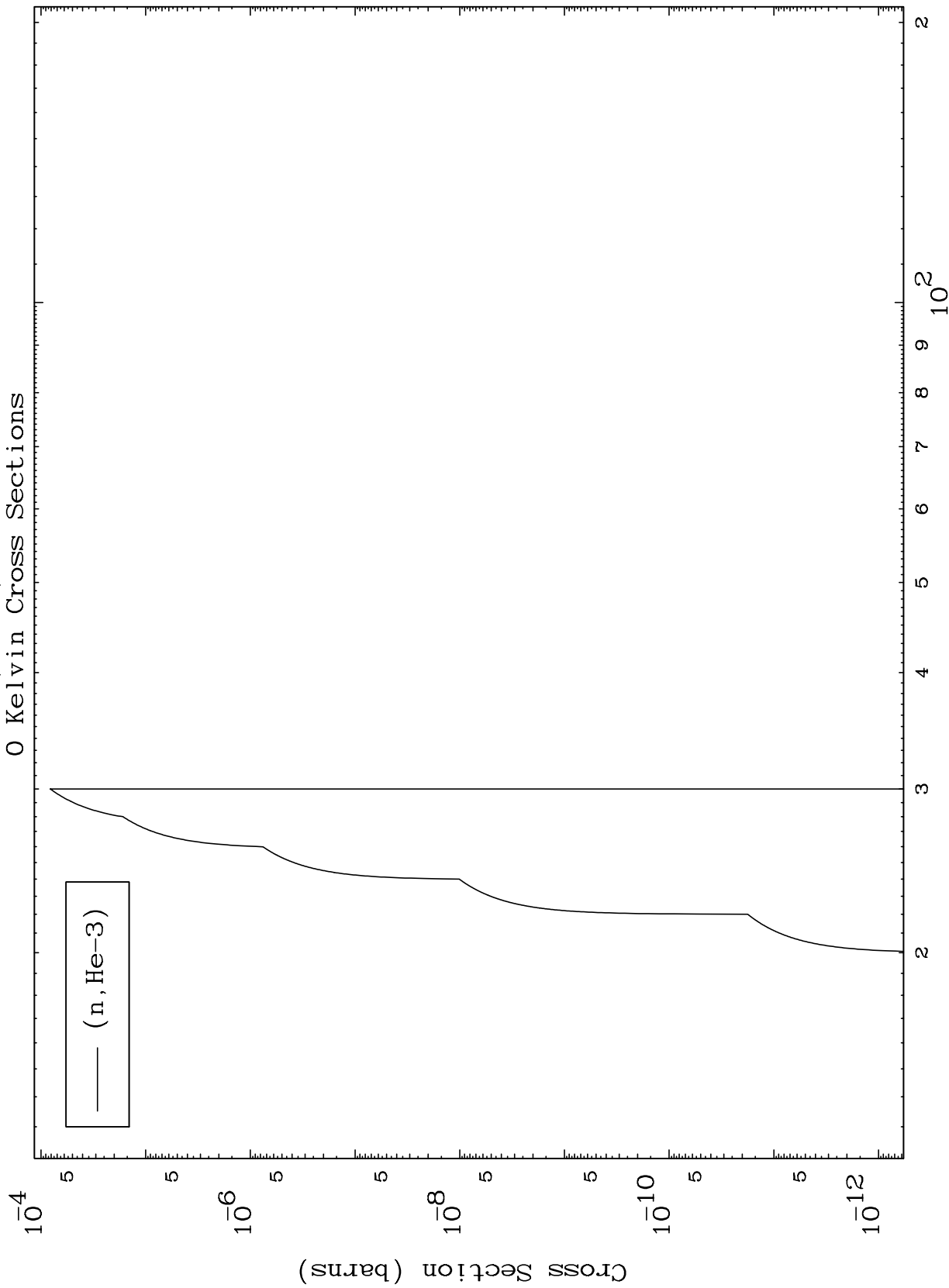
Incident Energy (MeV)

48-Cd-117m

MAT 4859

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

48-Cd-117m

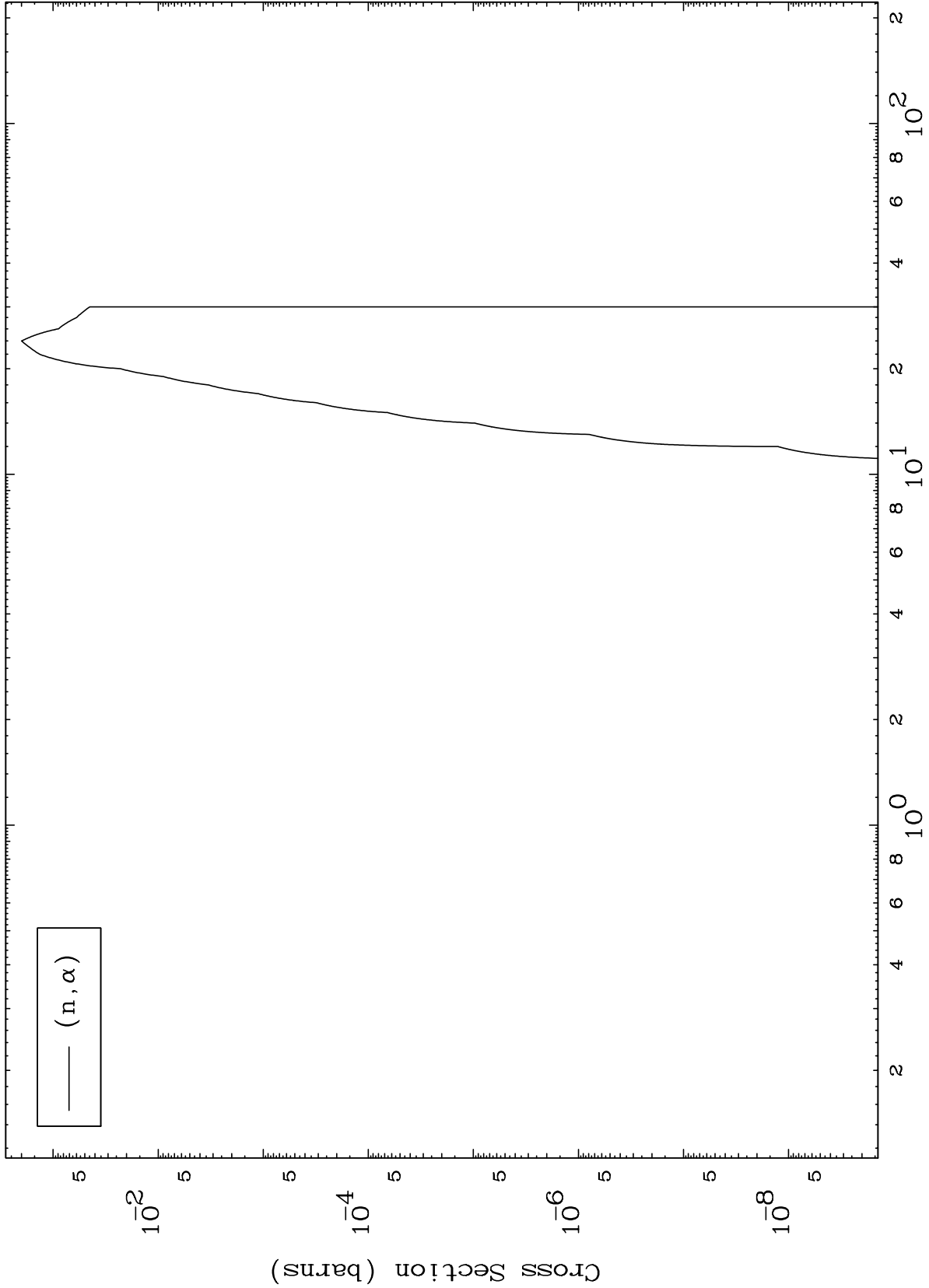


MAT 4859

(α, α) Levels

48-Cd-117m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

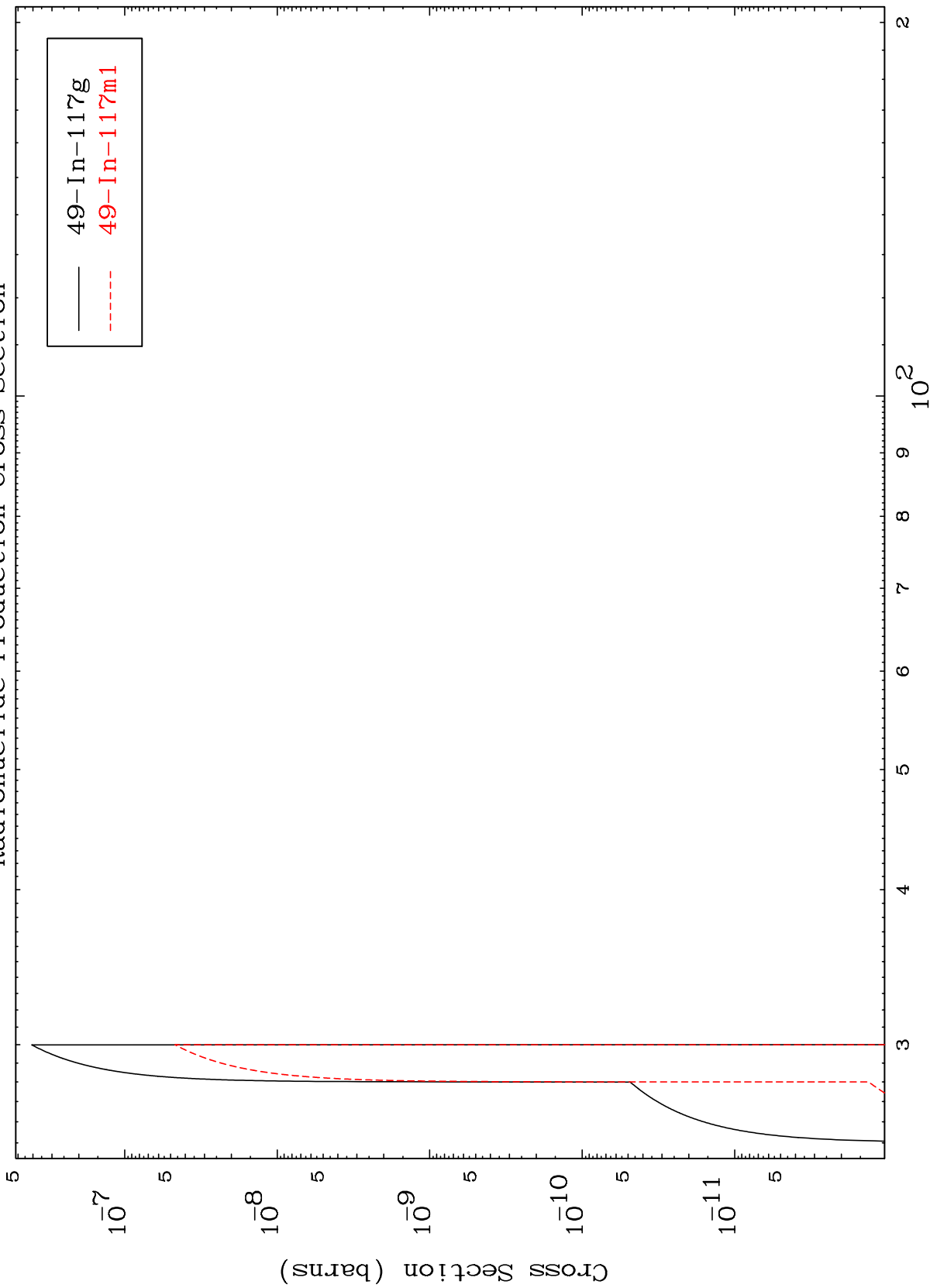
48-Cd-117m

MAT 4859

(n,2n) d

48-Cd-117m

Radionuclide Production Cross Section



11

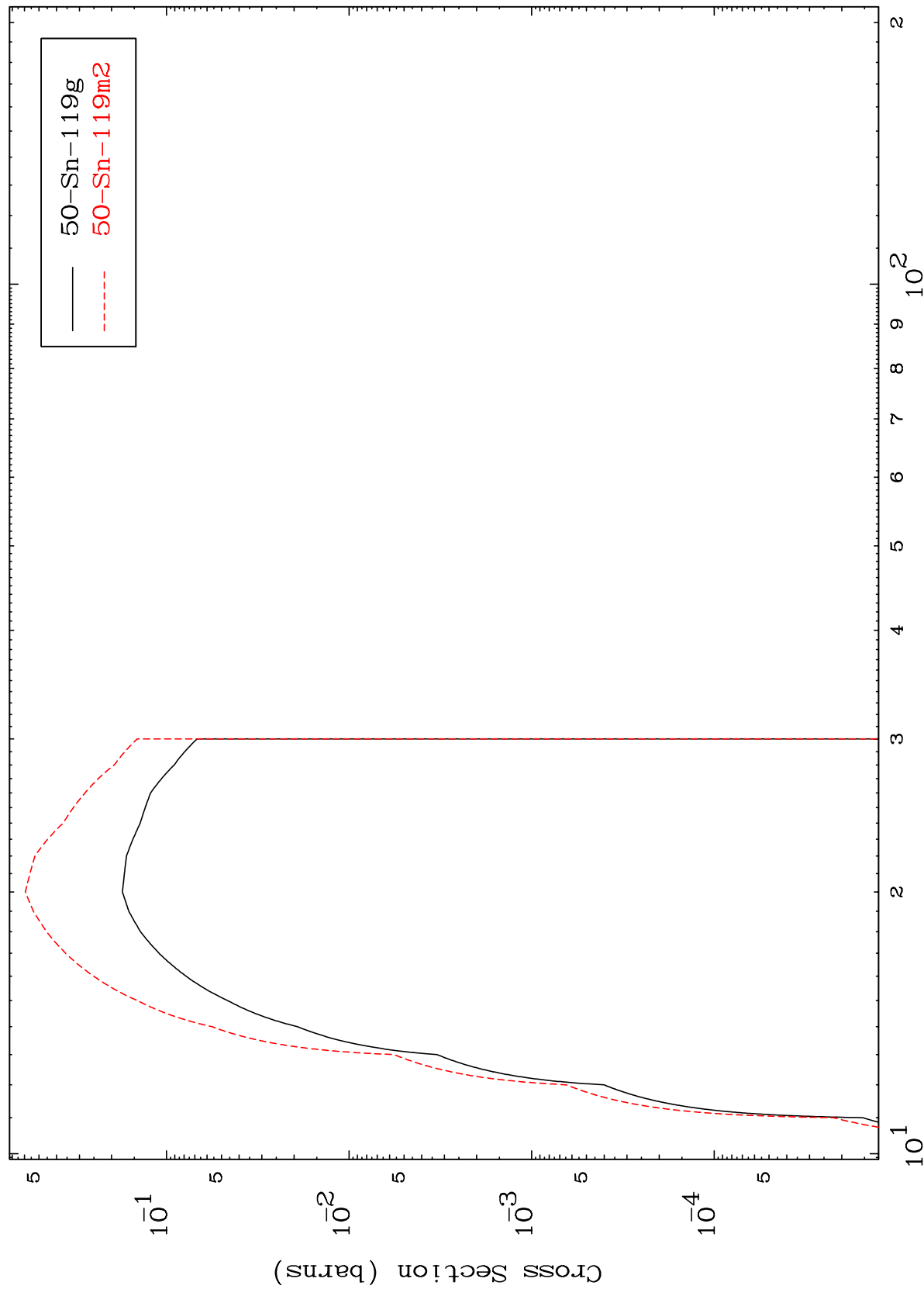
Incident Energy (MeV)

48-Cd-117m

MAT 4859

48-Cd-117m

(n,2n)
Radionuclide Production Cross Section



48-Cd-117m

Incident Energy (MeV)

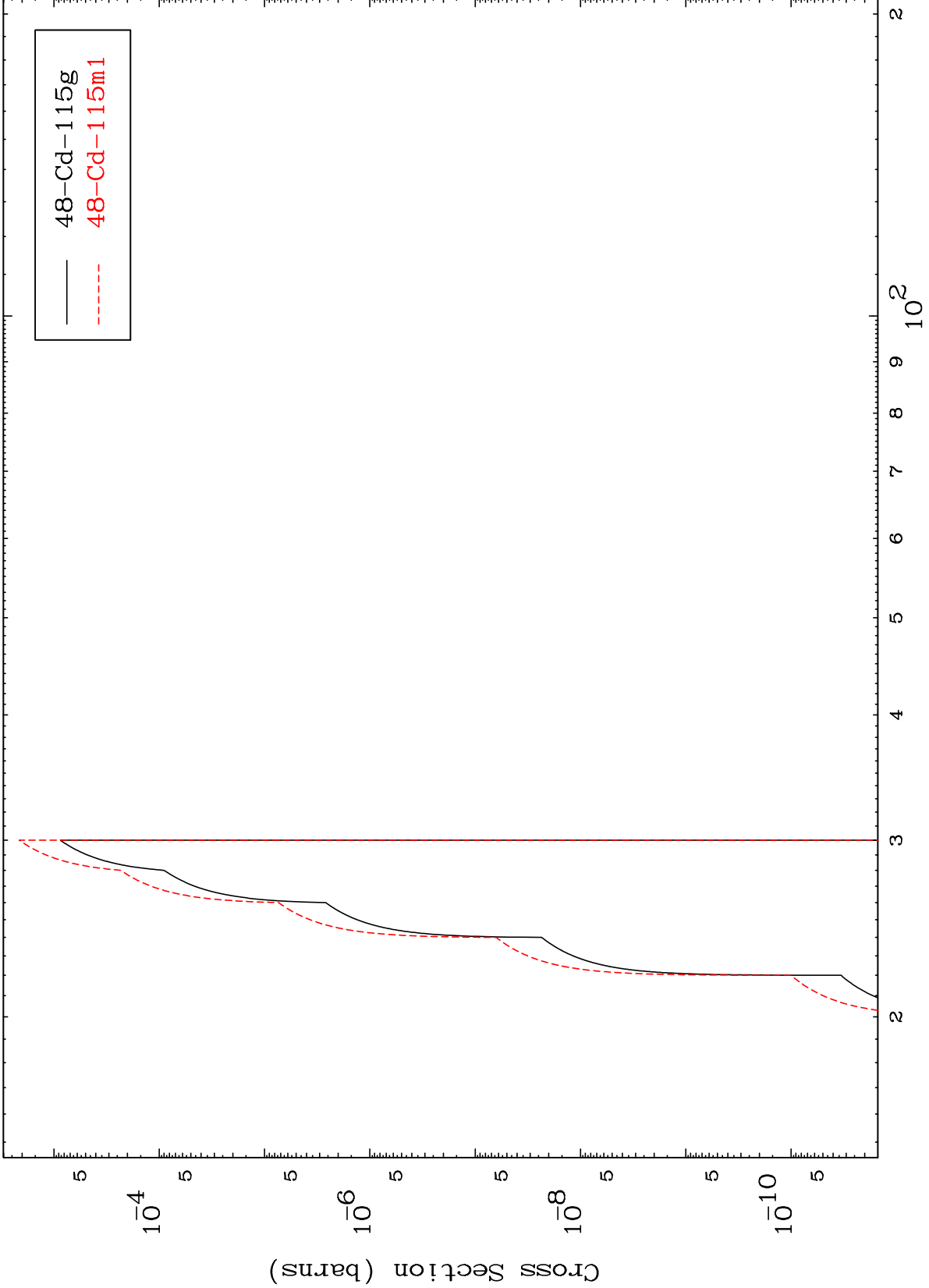
12

MAT 4859

(n,2n) α

48-Cd-117m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

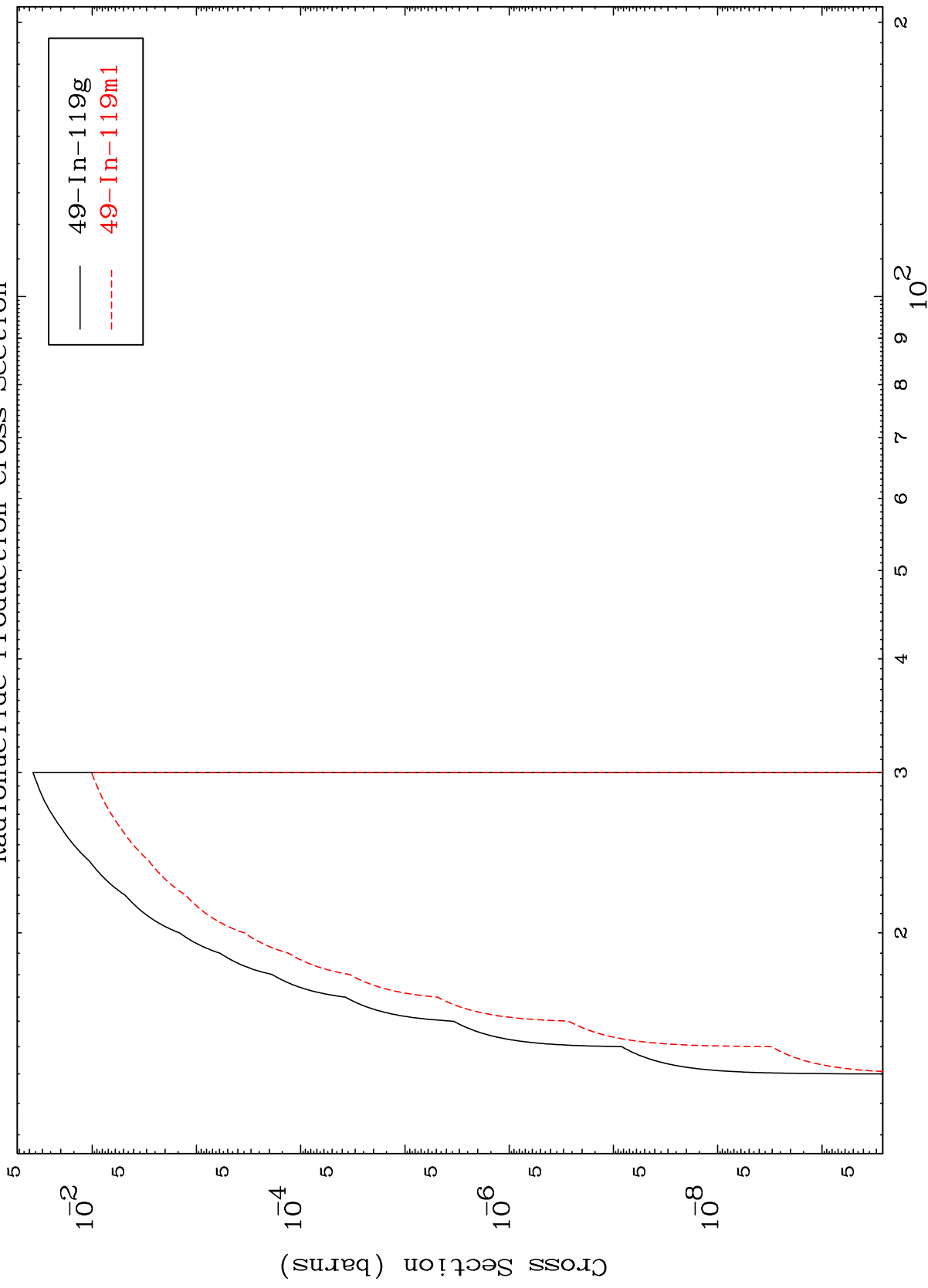
48-Cd-117m

MAT 4859

(n,n') p

48-Cd-117m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

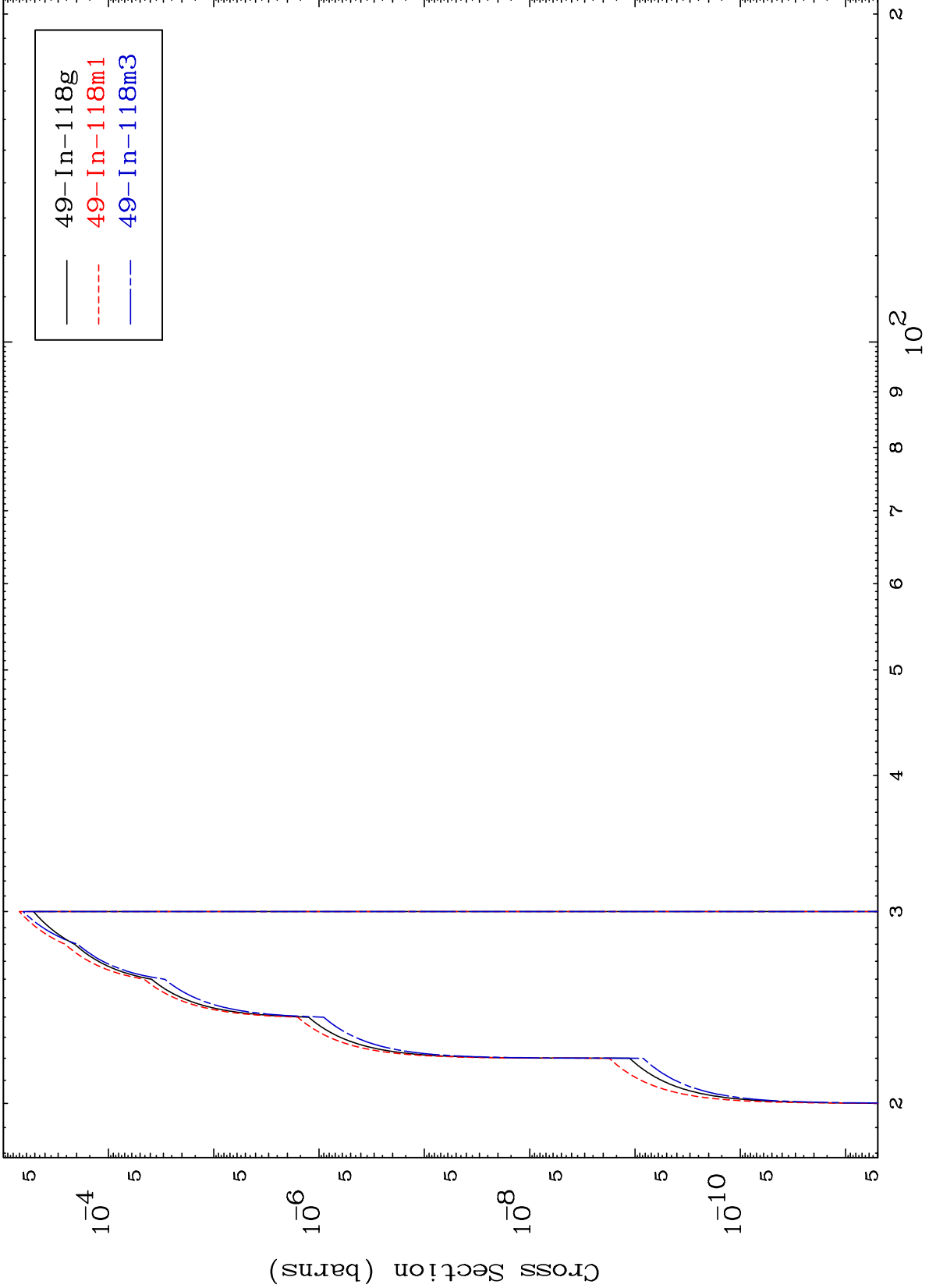
48-Cd-117m

MAT 4859

(n,n') d

48-Cd-117m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

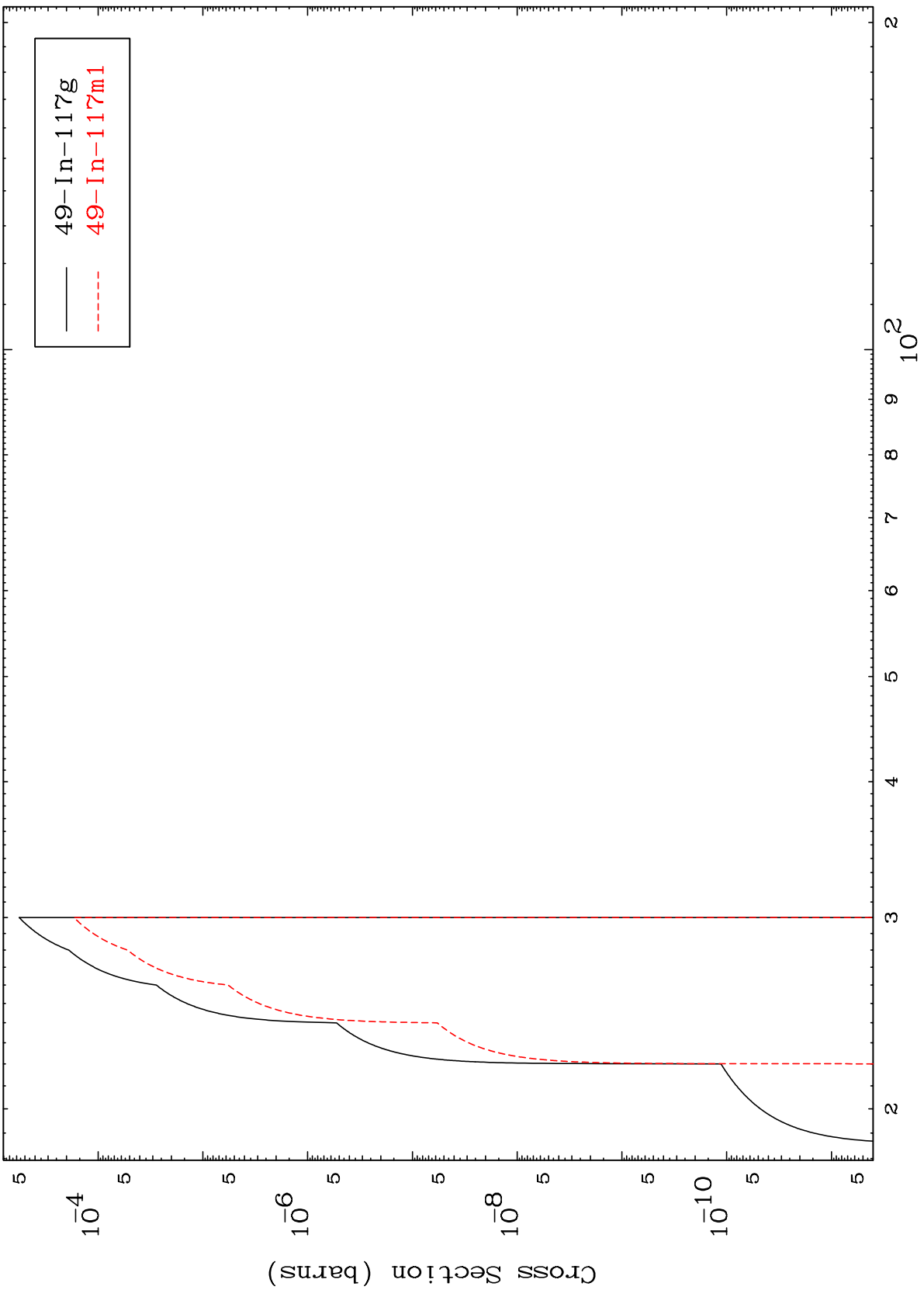
48-Cd-117m

MAT 4859

(n,n') t

48-Cd-117m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

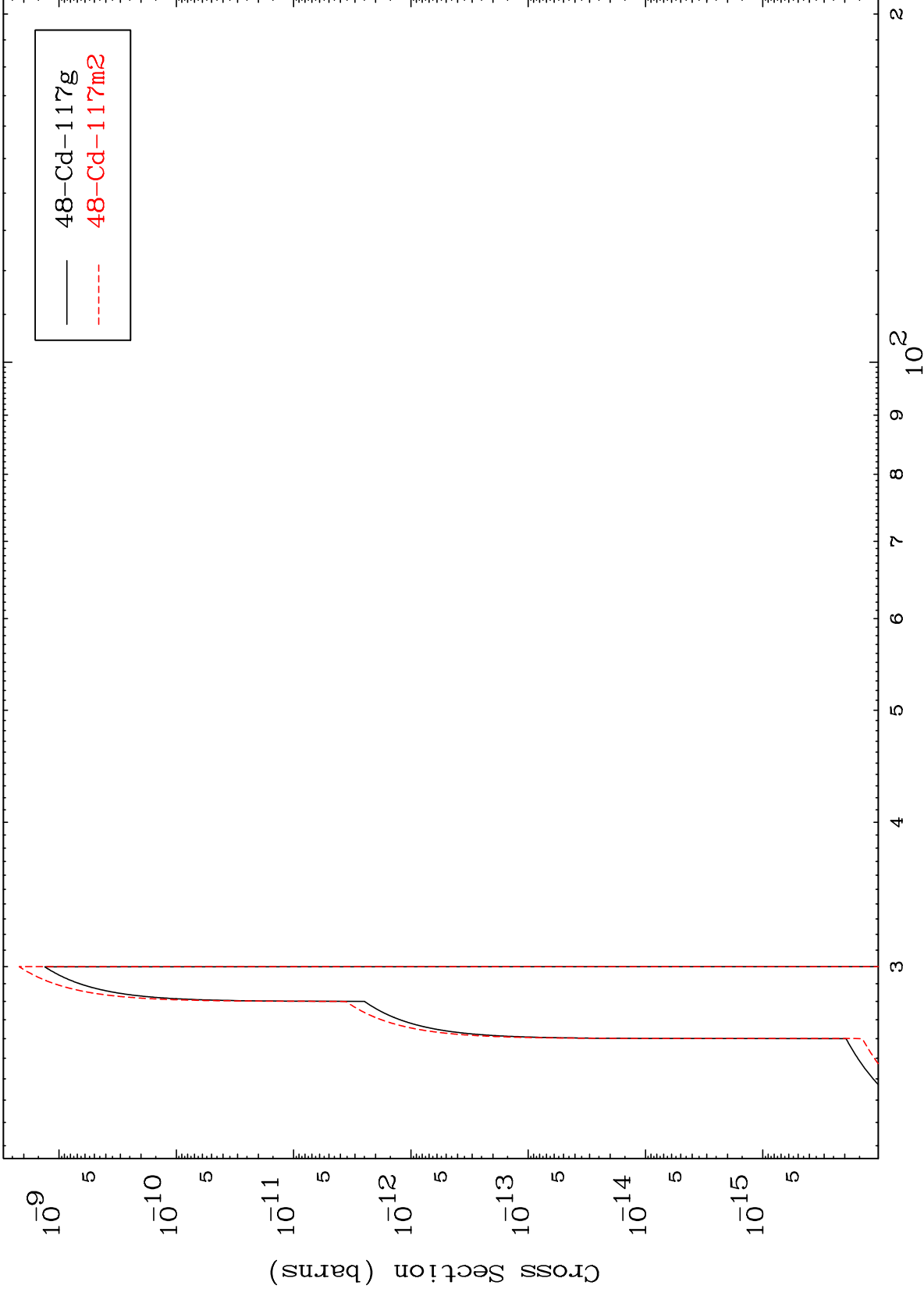
48-Cd-117m

MAT 4859

(n,n') He-3

48-Cd-117m

Radionuclide Production Cross Section



17

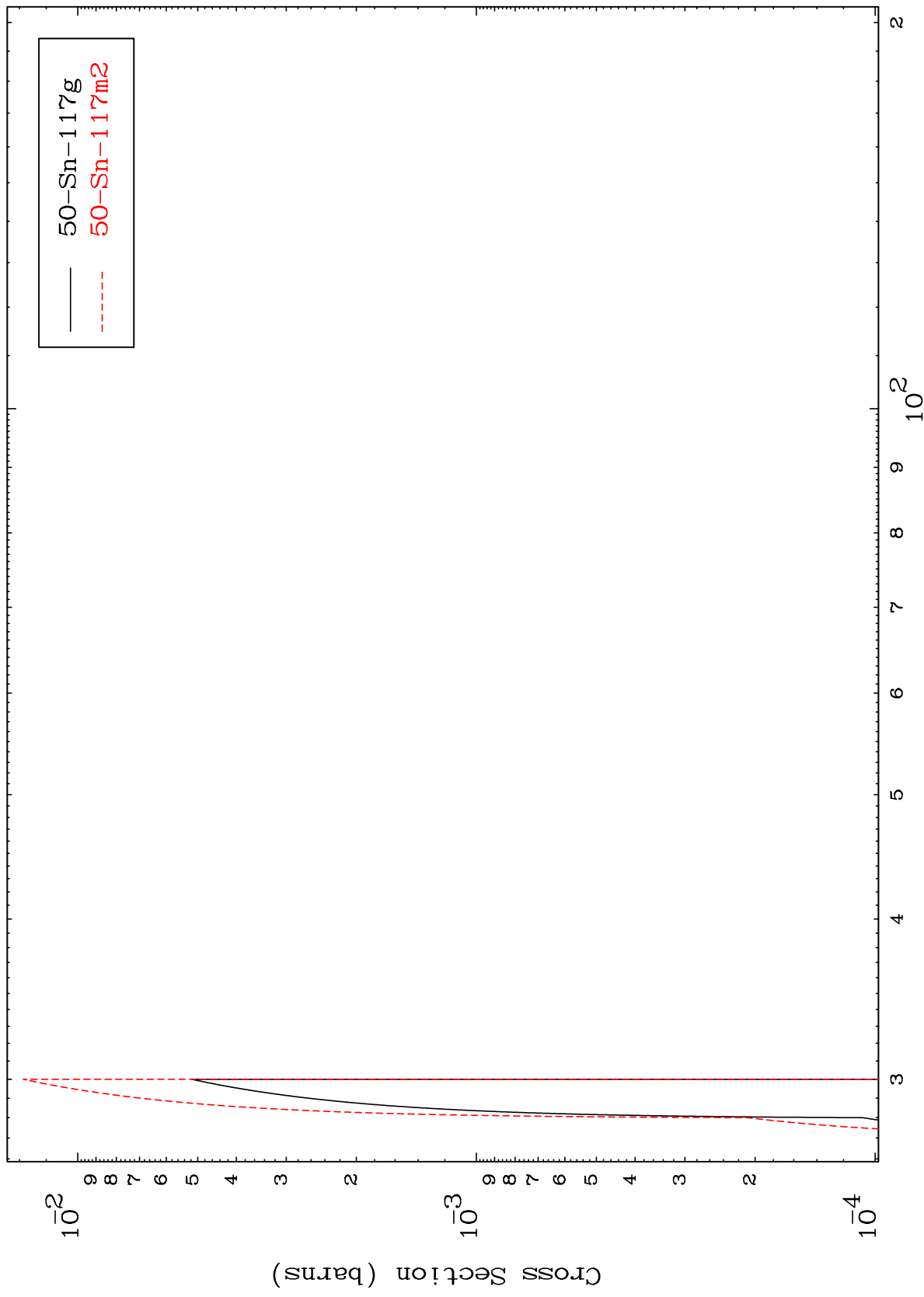
Incident Energy (MeV)

48-Cd-117m

MAT 4859

48-Cd-117m

(n,4n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

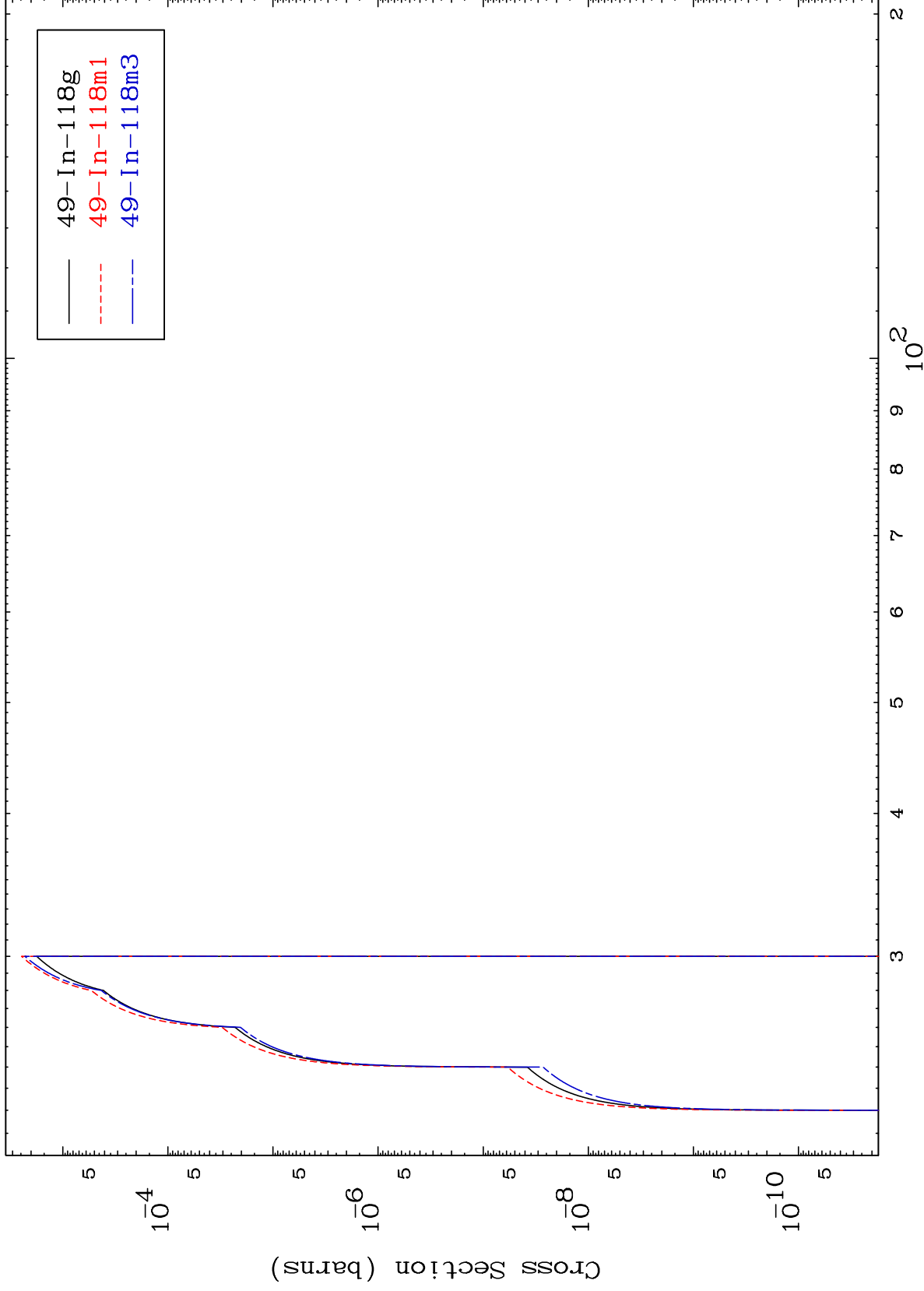
48-Cd-117m

MAT 4859

(n,2n) p

48-Cd-117m

Radionuclide Production Cross Section



19

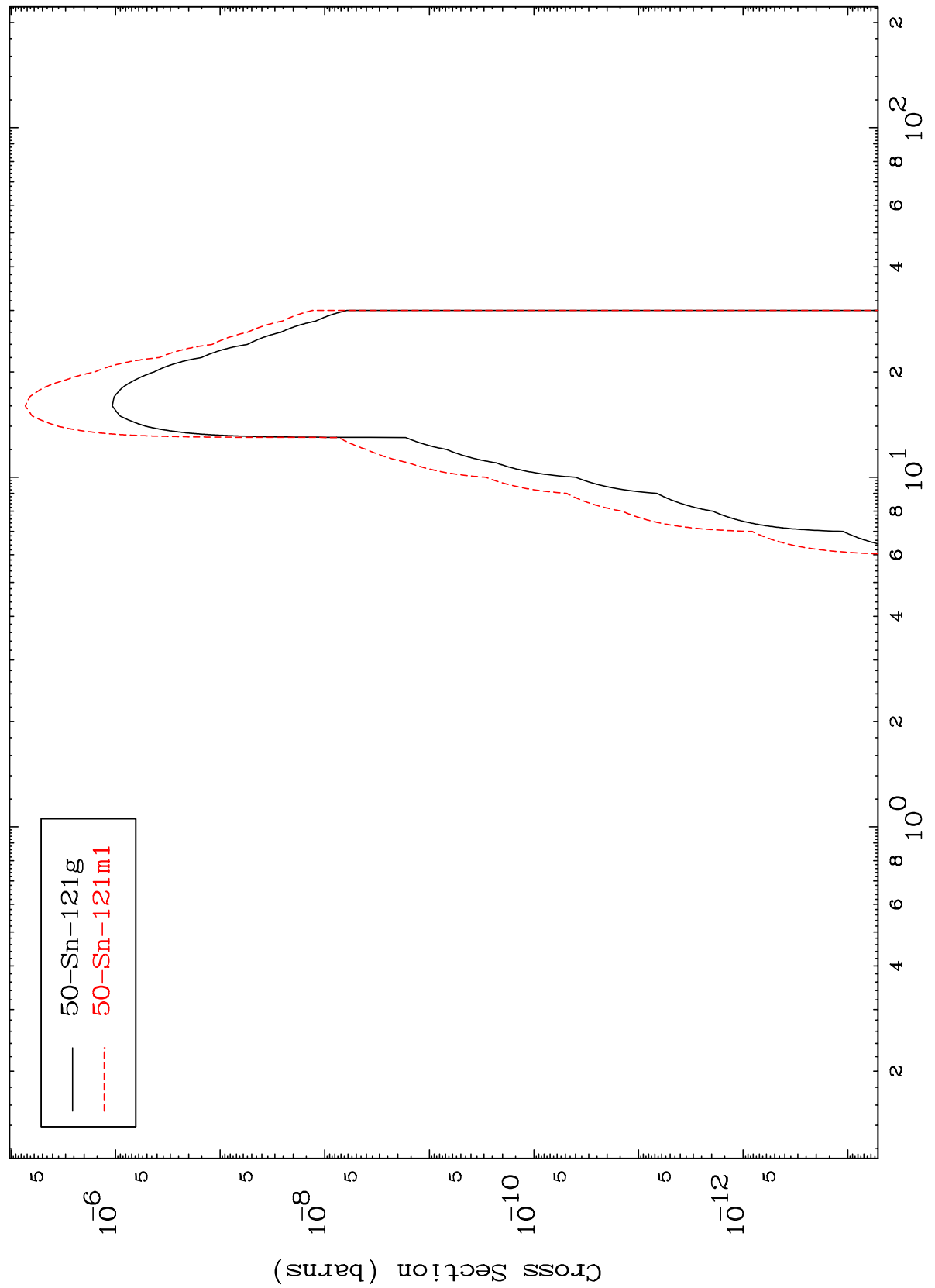
Incident Energy (MeV)

48-Cd-117m

MAT 4859

48-Cd-117m

(n, γ)
Radionuclide Production Cross Section



— 50-Sn-121g
- - - 50-Sn-121m1

48-Cd-117m

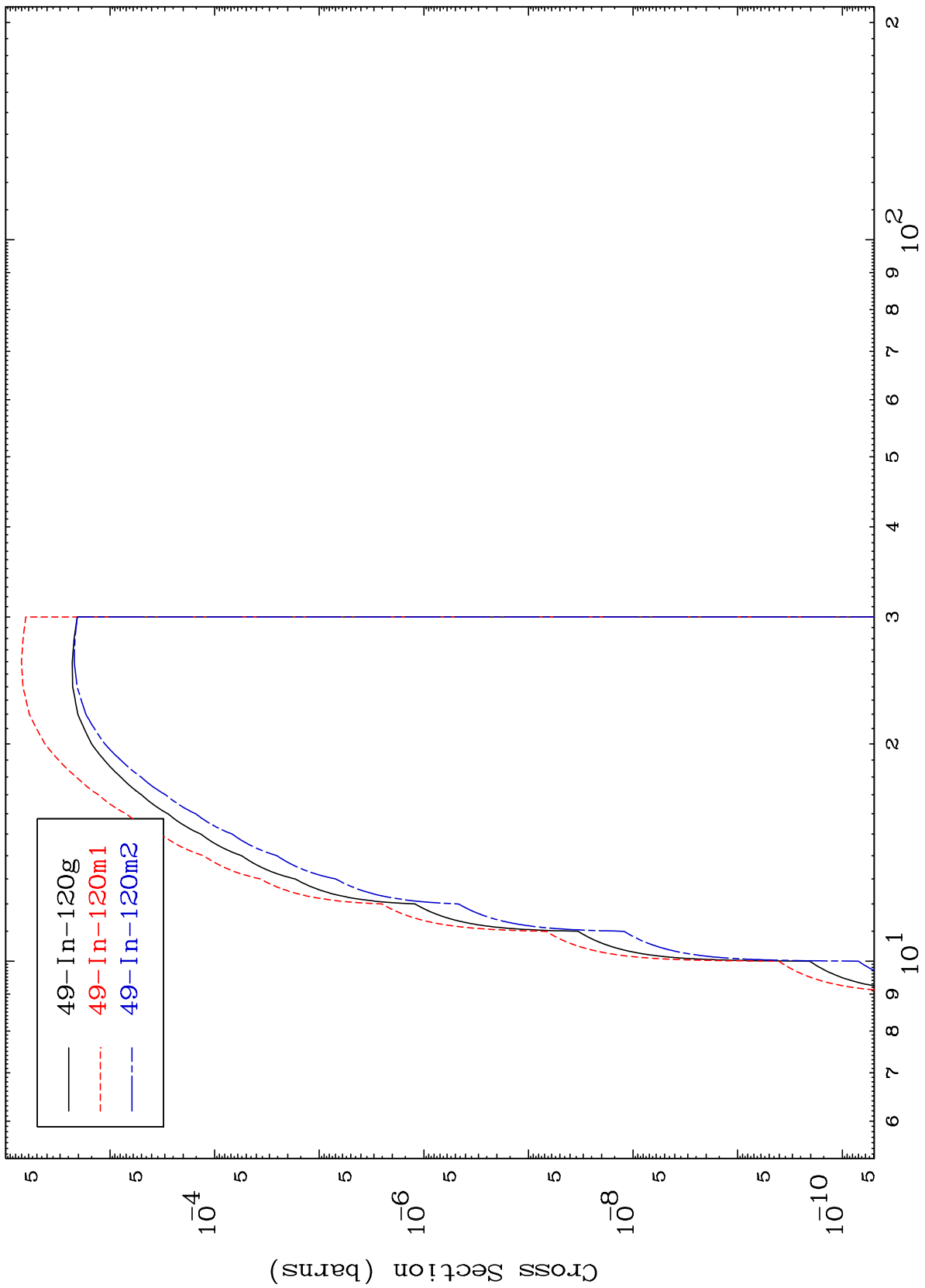
Incident Energy (MeV)

20

MAT 4859

48-Cd-117m

(n,p)
Radionuclide Production Cross Section



48-Cd-117m

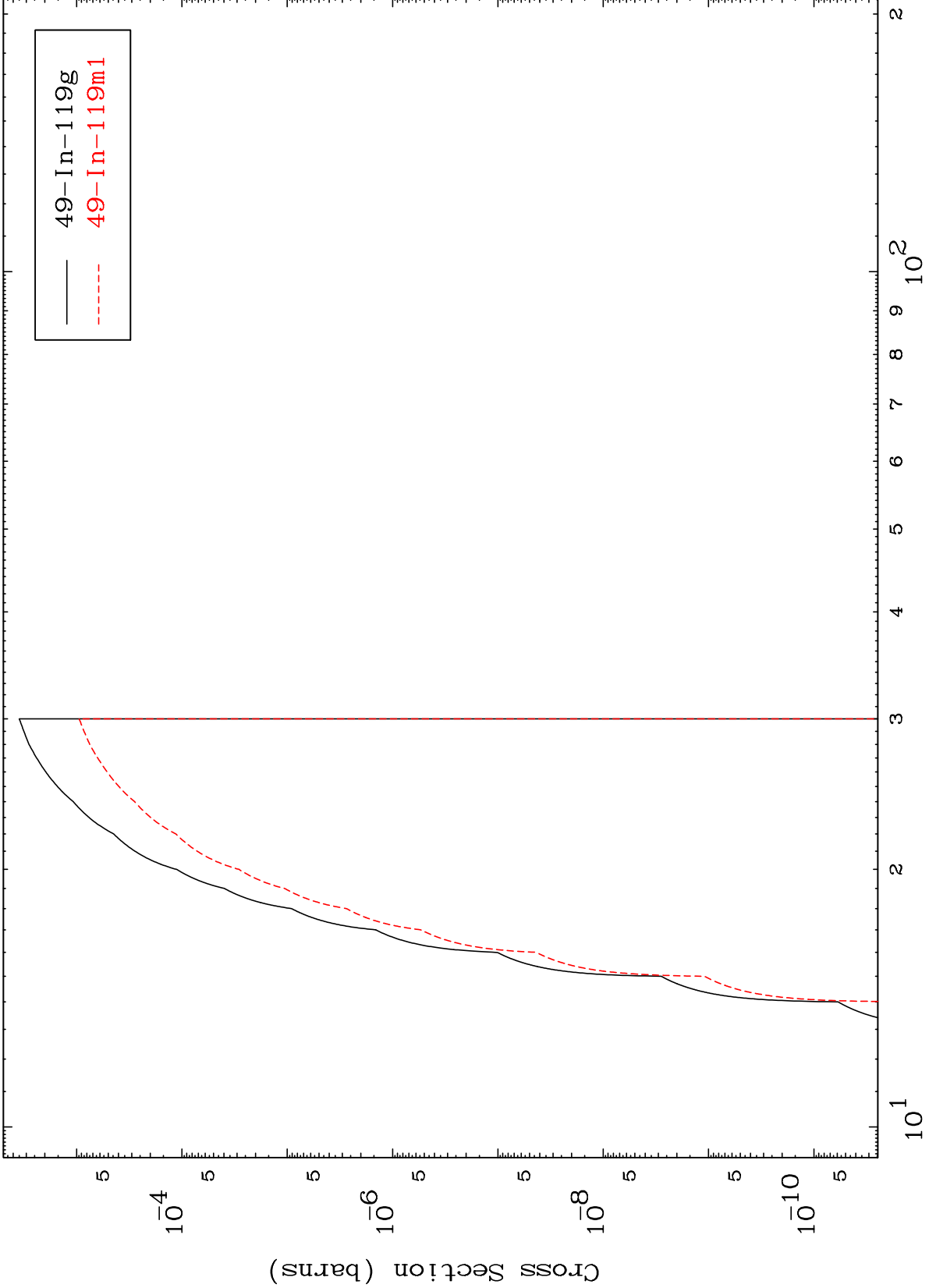
Incident Energy (MeV)

MAT 4859

(n,d)

48-Cd-117m

Radionuclide Production Cross Section

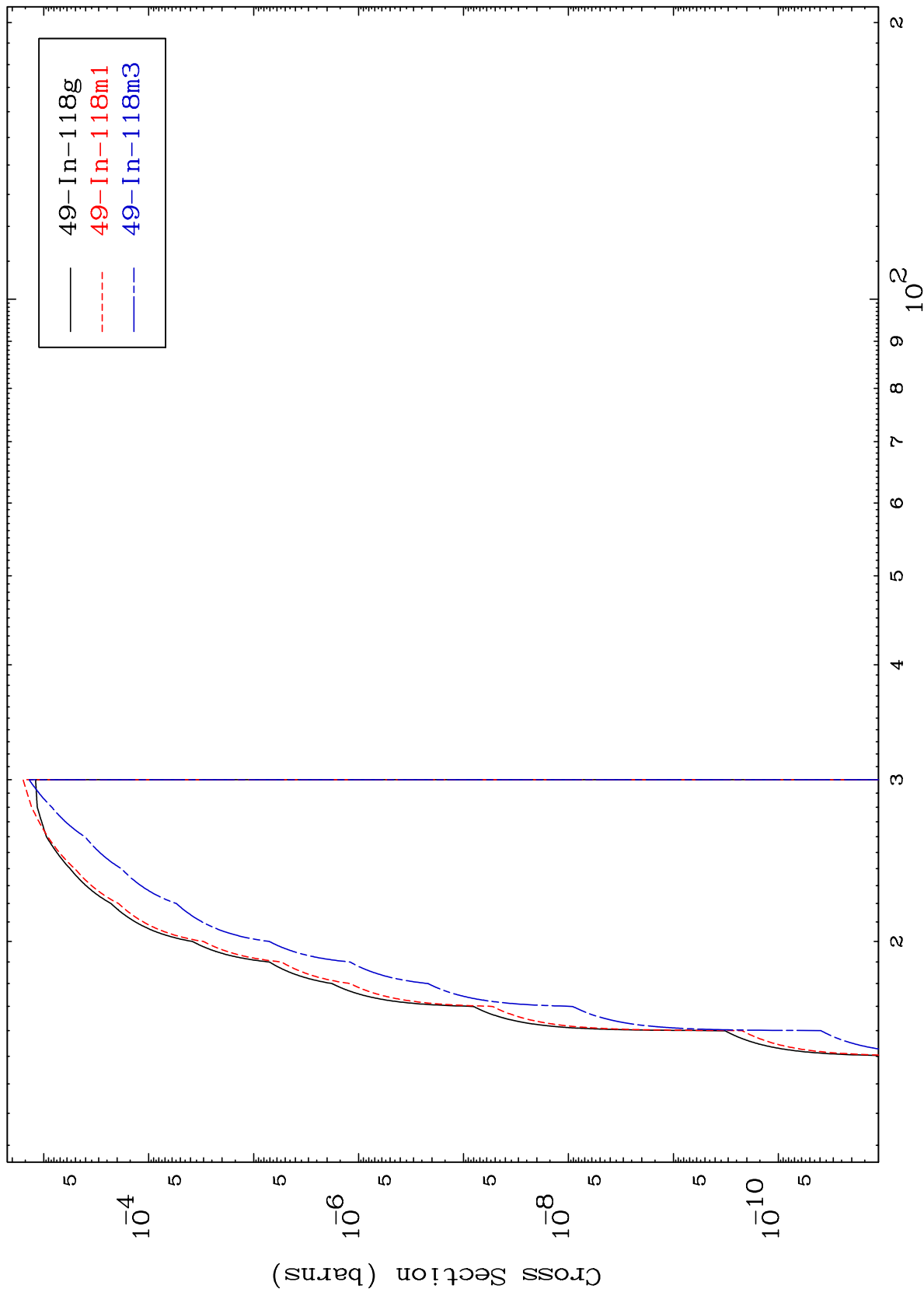


22

Incident Energy (MeV)

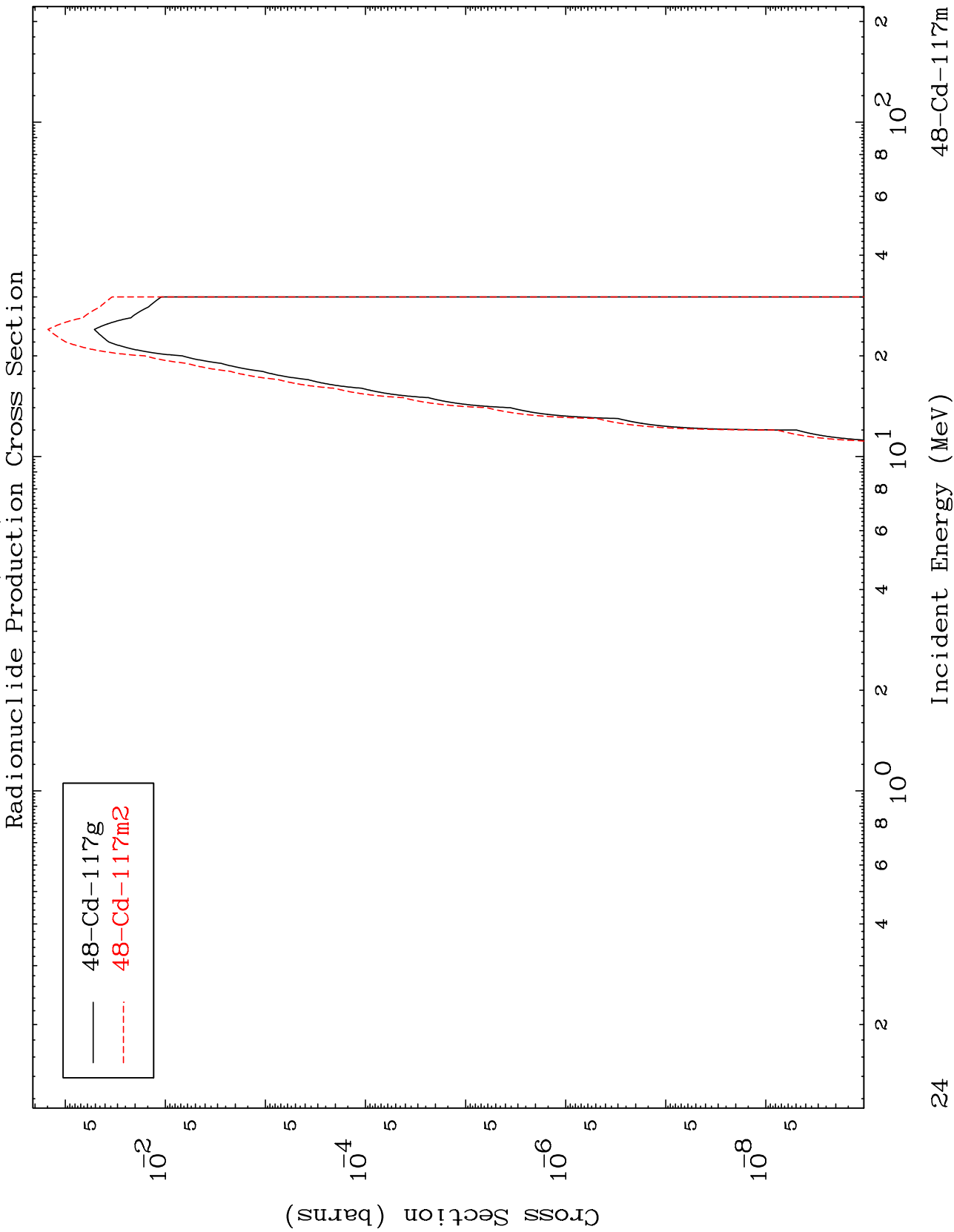
48-Cd-117m

Radionuclide Production Cross Section



MAT 4859

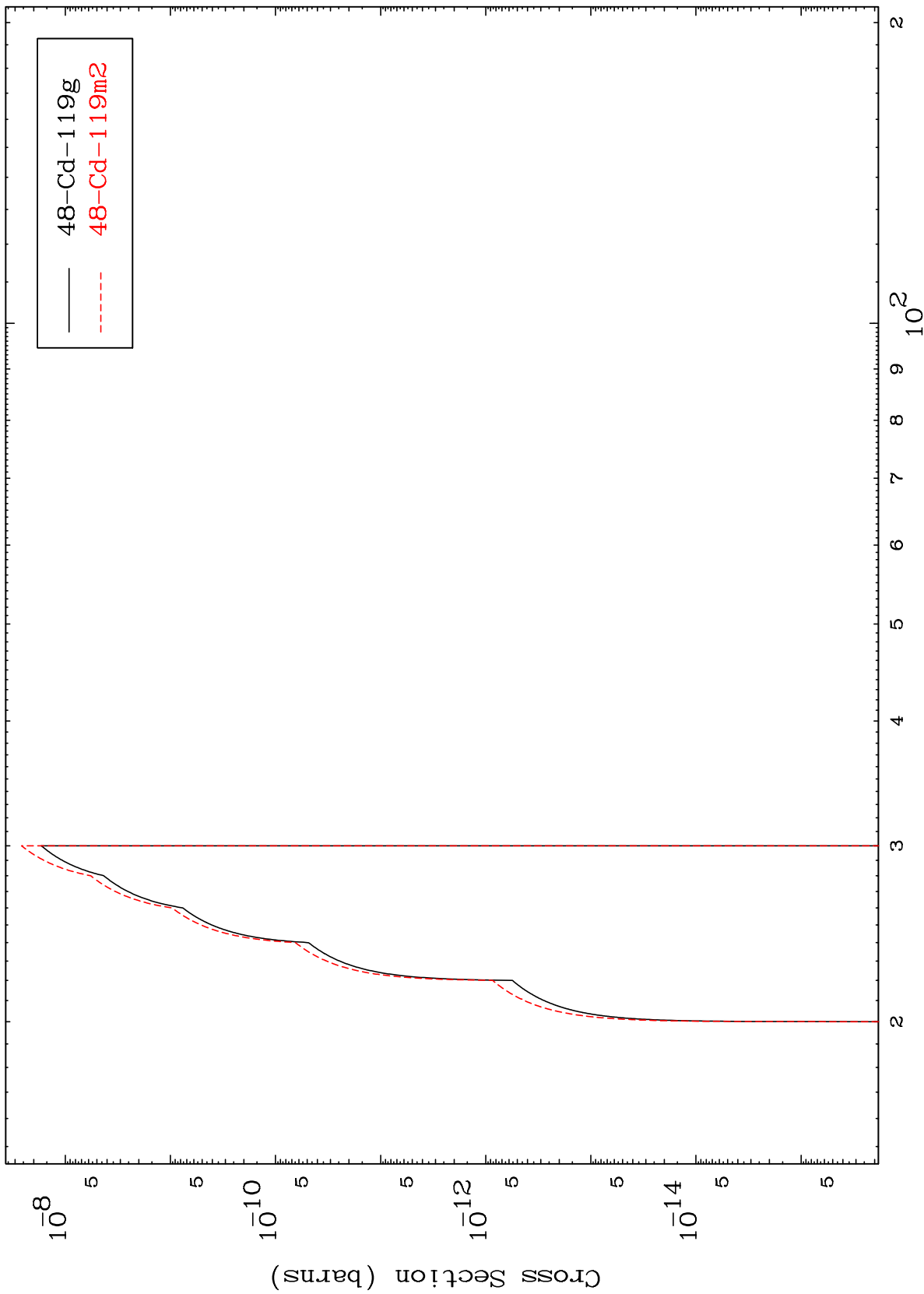
48-Cd-117m



MAT 4859

48-Cd-117m

(n,2p)
Radionuclide Production Cross Section



25

48-Cd-117m

Incident Energy (MeV)

MAT 4859

(n,p) α

48-Cd-117m

Radionuclide Production Cross Section

