

Program EVALPLOT
(Version 2021-1)

by

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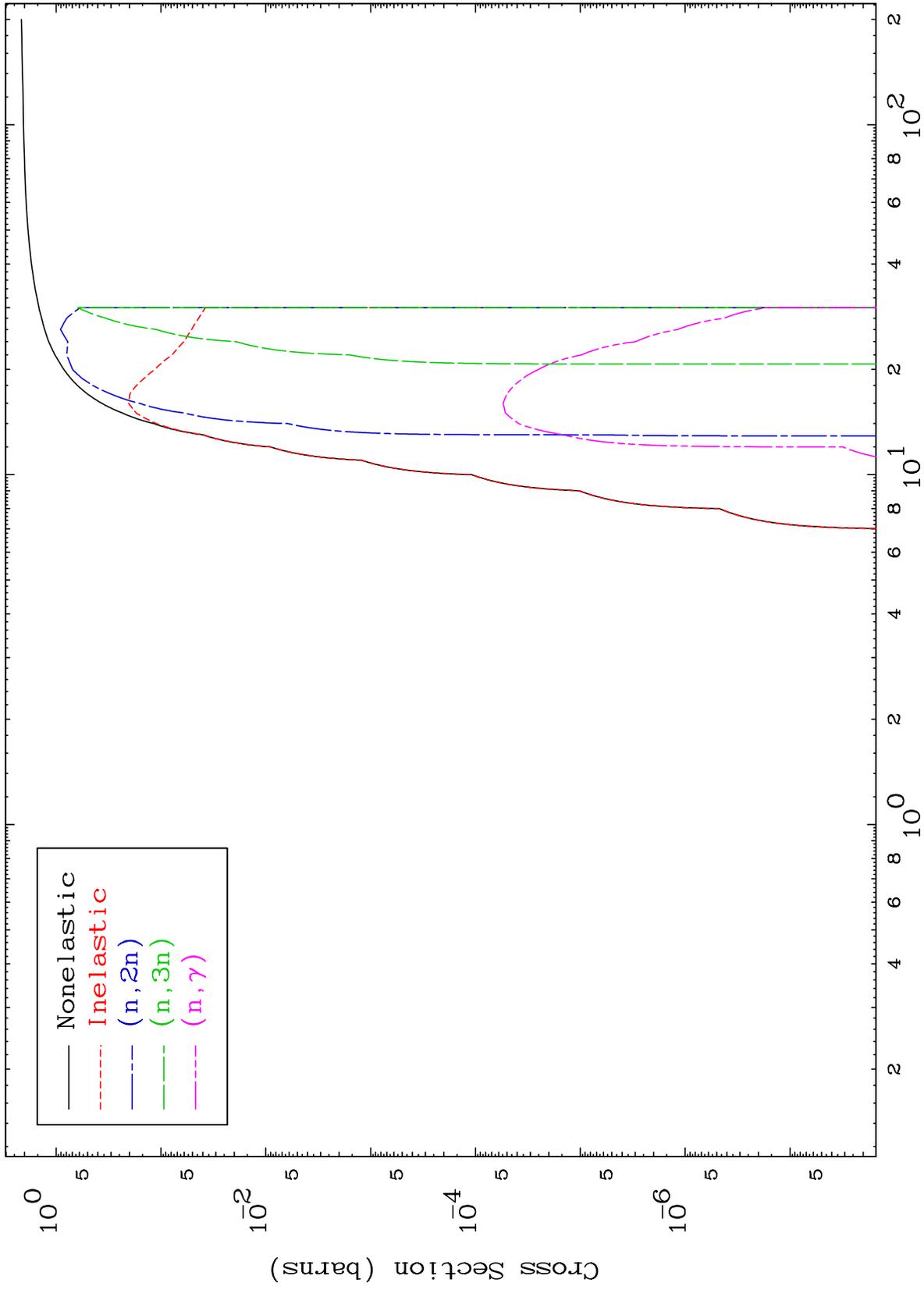
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4847

0 Kelvin α Major
Cross Sections

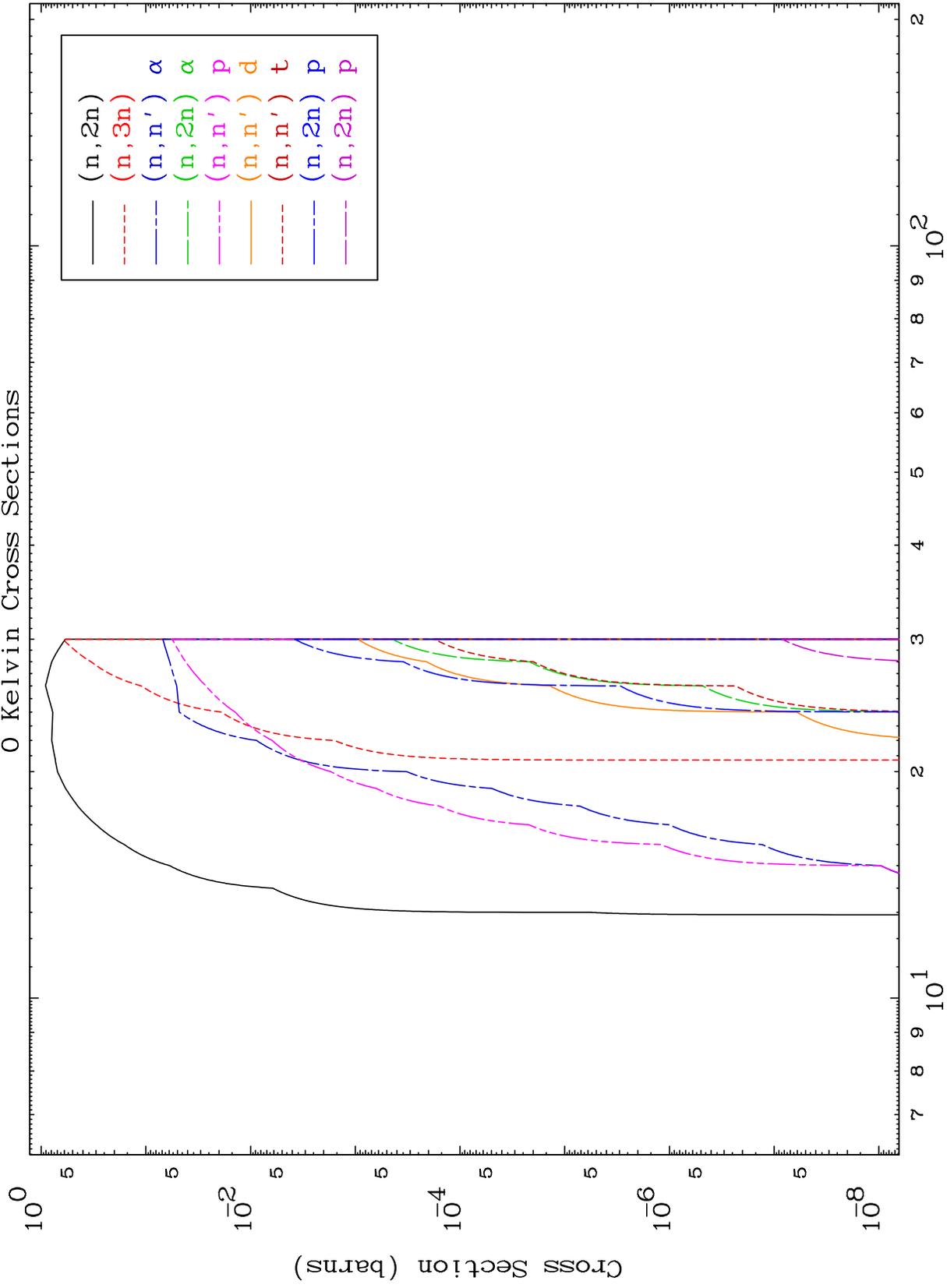
48-Cd-113m



MAT 4847

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-113m



2

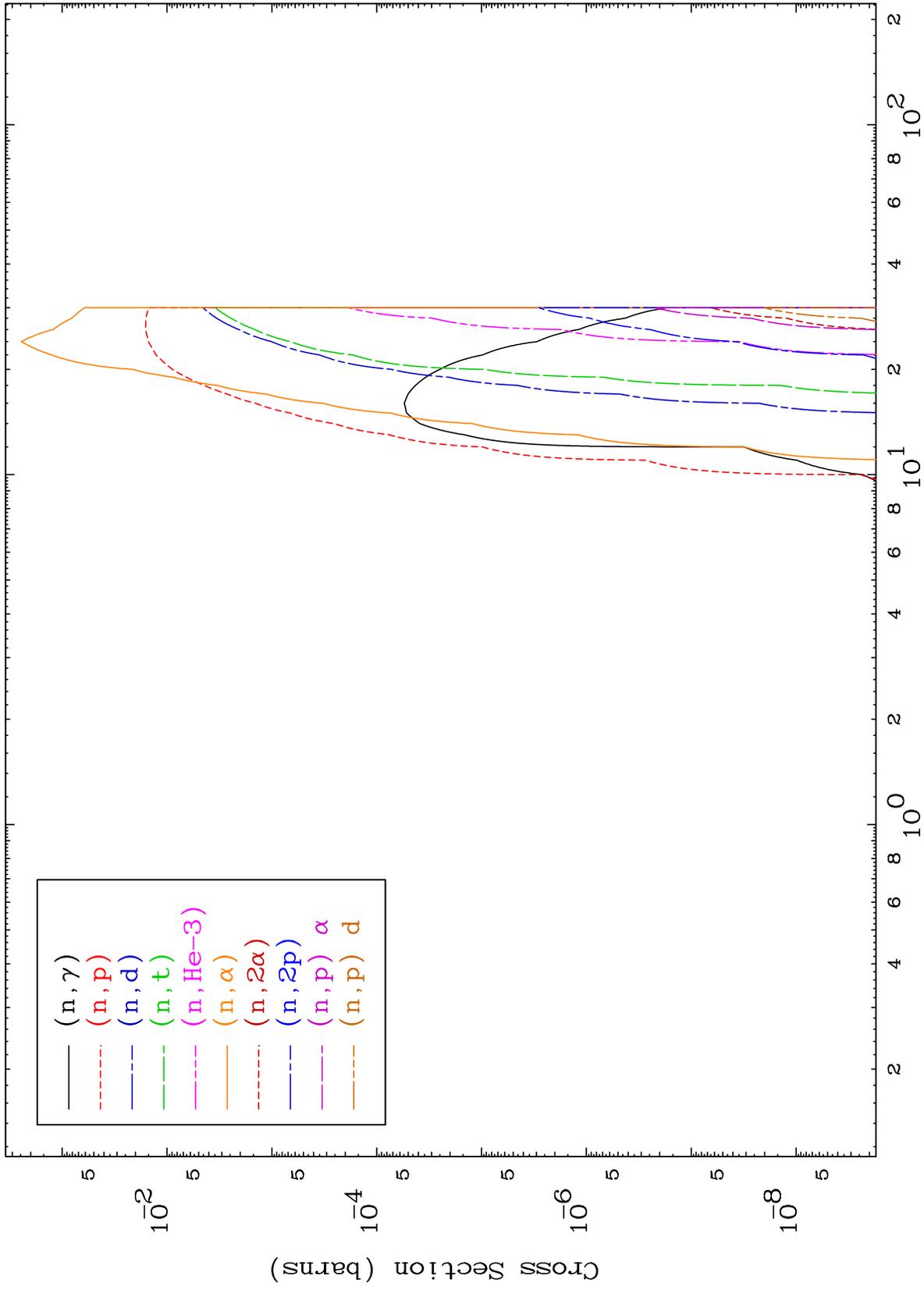
Incident Energy (MeV)

48-Cd-113m

MAT 4847

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-113m



3

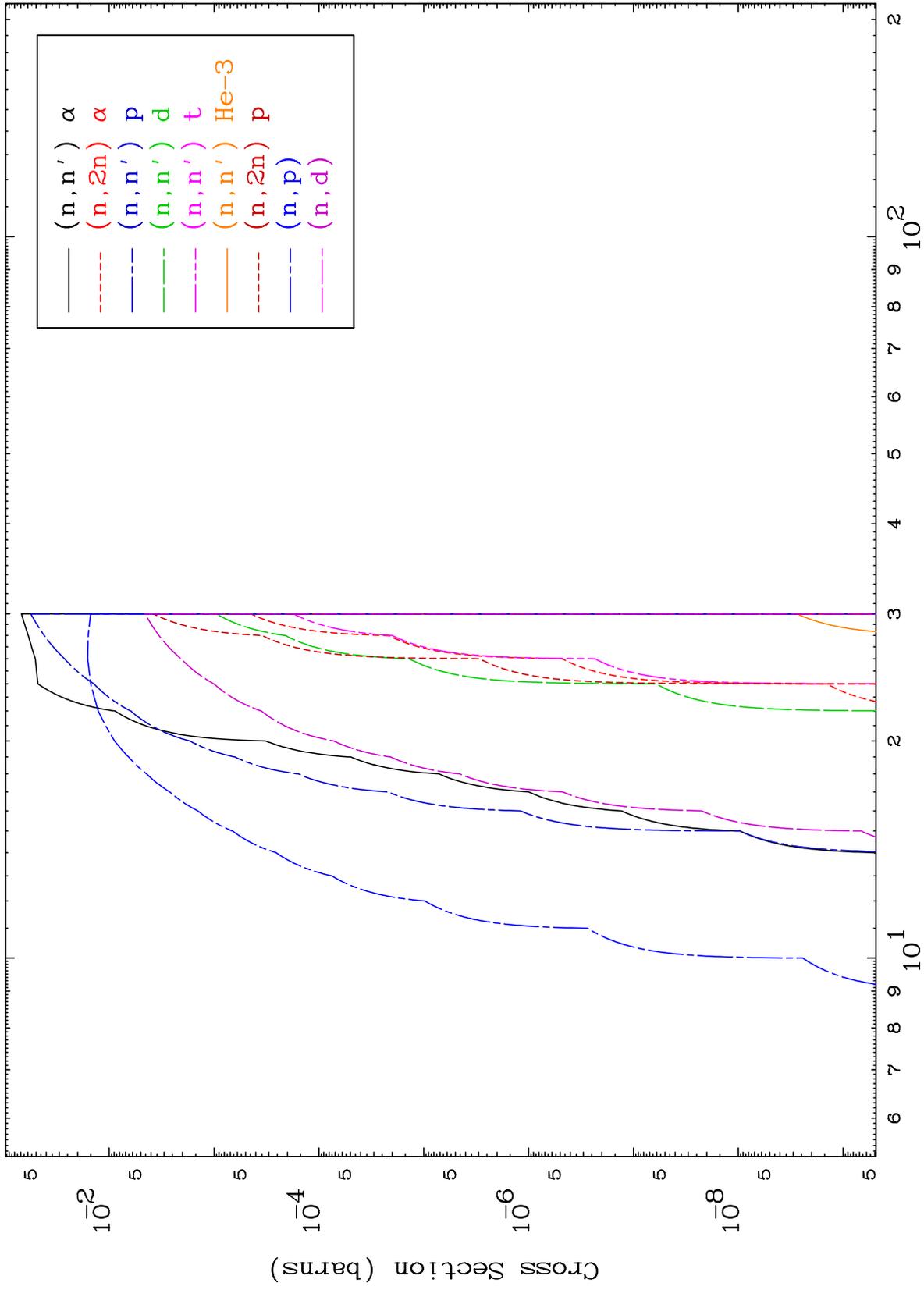
Incident Energy (MeV)

48-Cd-113m

MAT 4847

α Charged Particle
0 Kelvin Cross Sections

48-Cd-113m



4

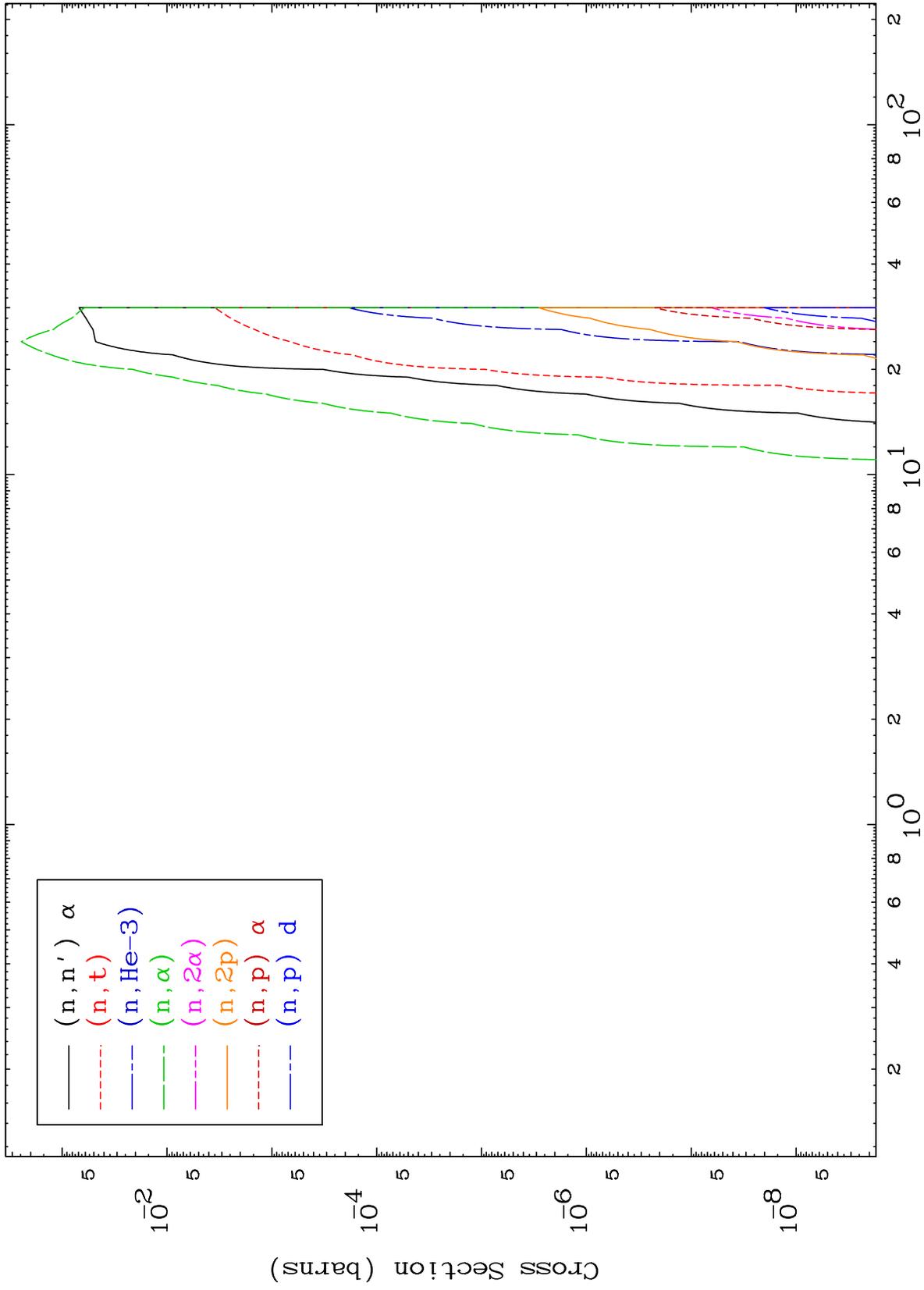
Incident Energy (MeV)

48-Cd-113m

MAT 4847

α Charged Particle
0 Kelvin Cross Sections

48-Cd-113m



5

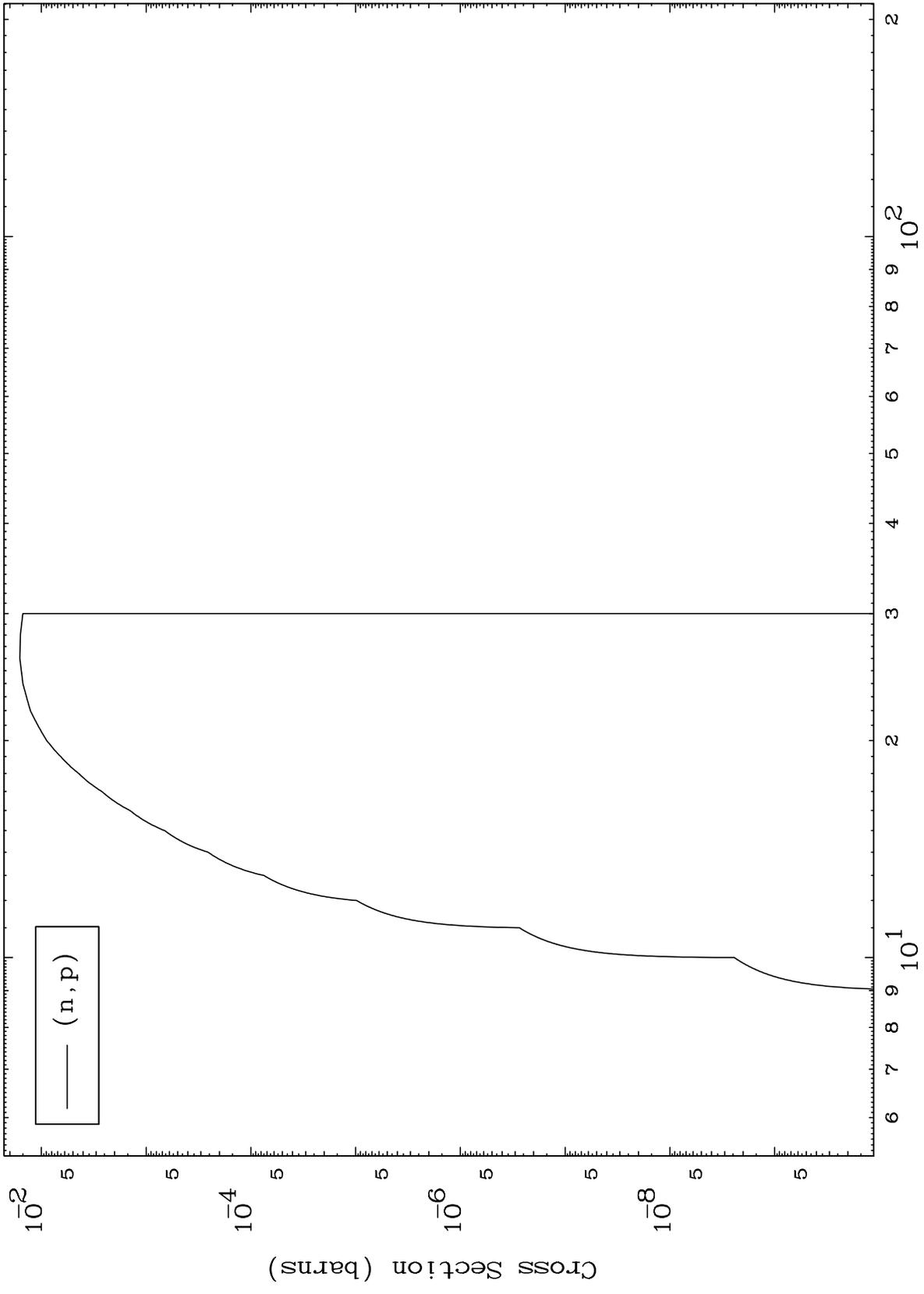
Incident Energy (MeV)

48-Cd-113m

MAT 4847

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-113m



6

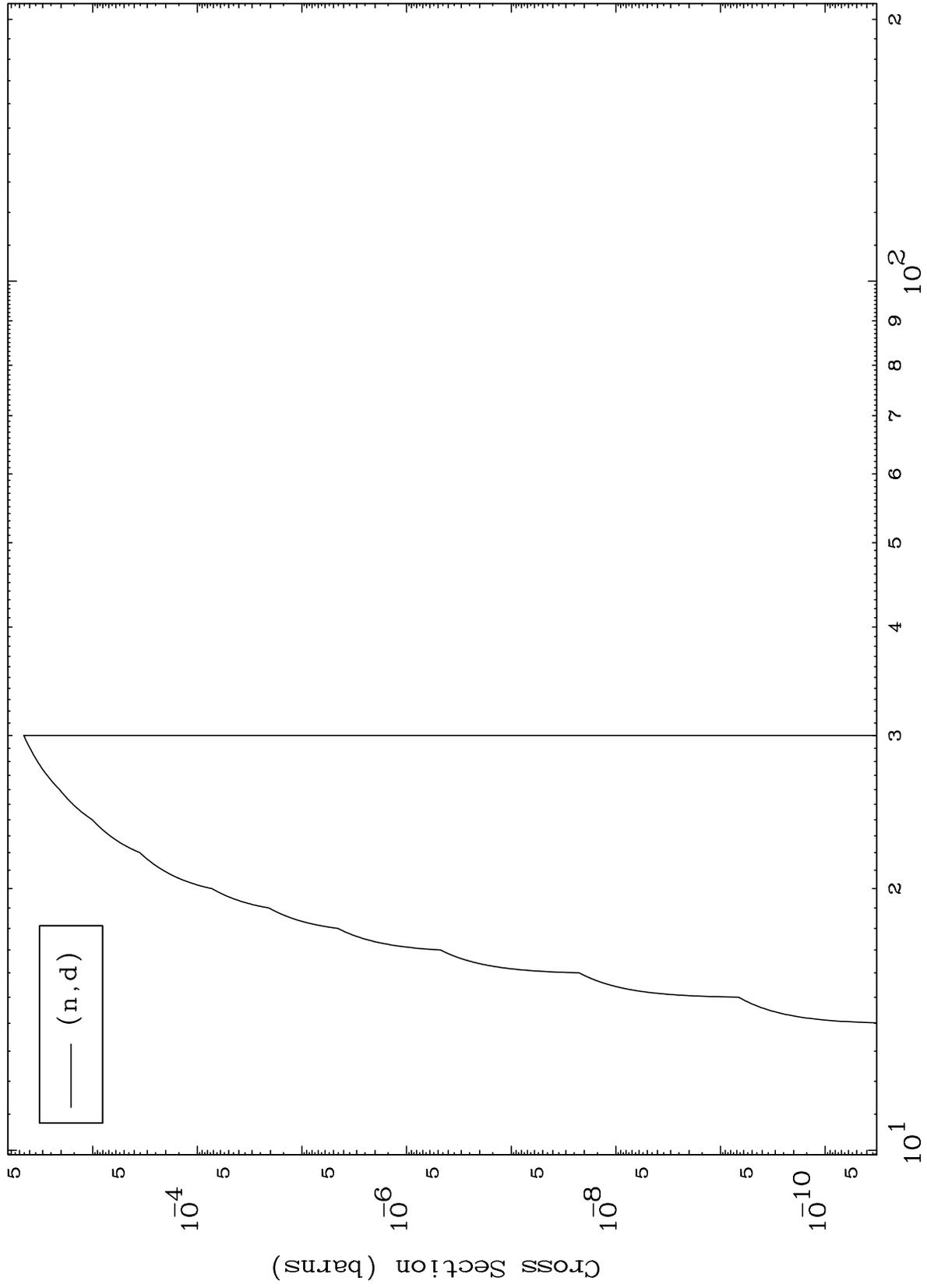
Incident Energy (MeV)

48-Cd-113m

MAT 4847

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-113m



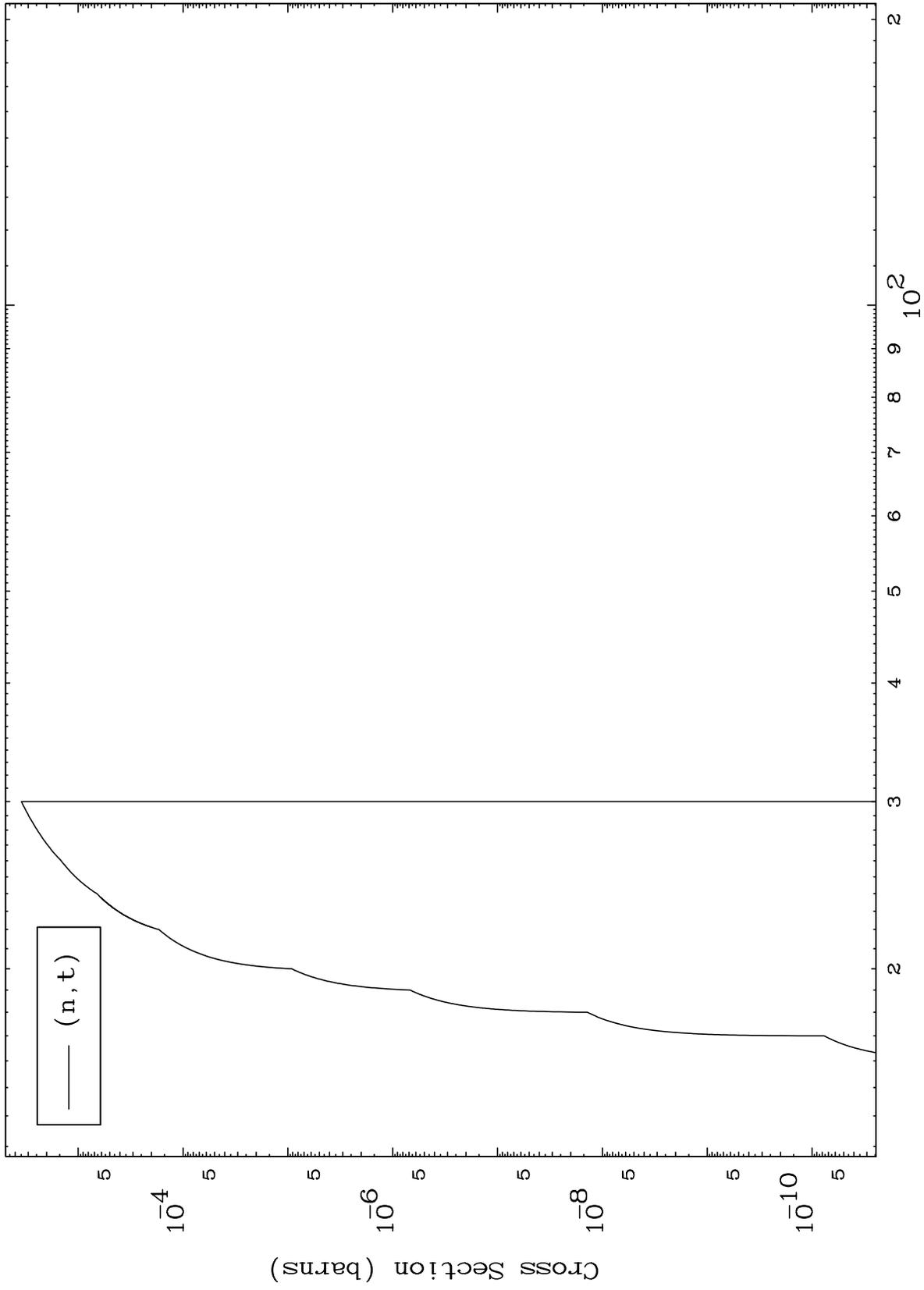
Incident Energy (MeV)

48-Cd-113m

MAT 4847

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-113m



8

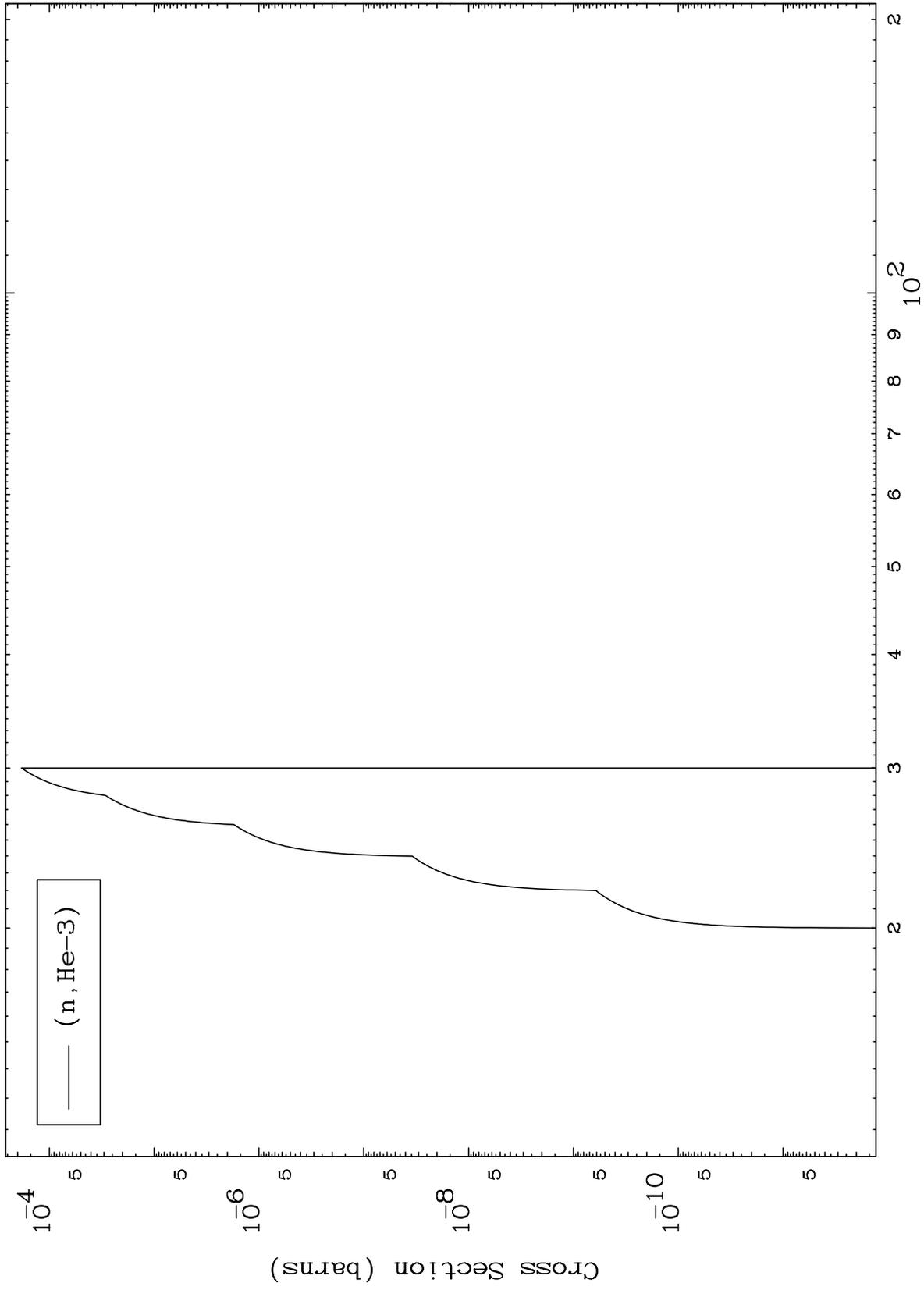
Incident Energy (MeV)

48-Cd-113m

MAT 4847

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

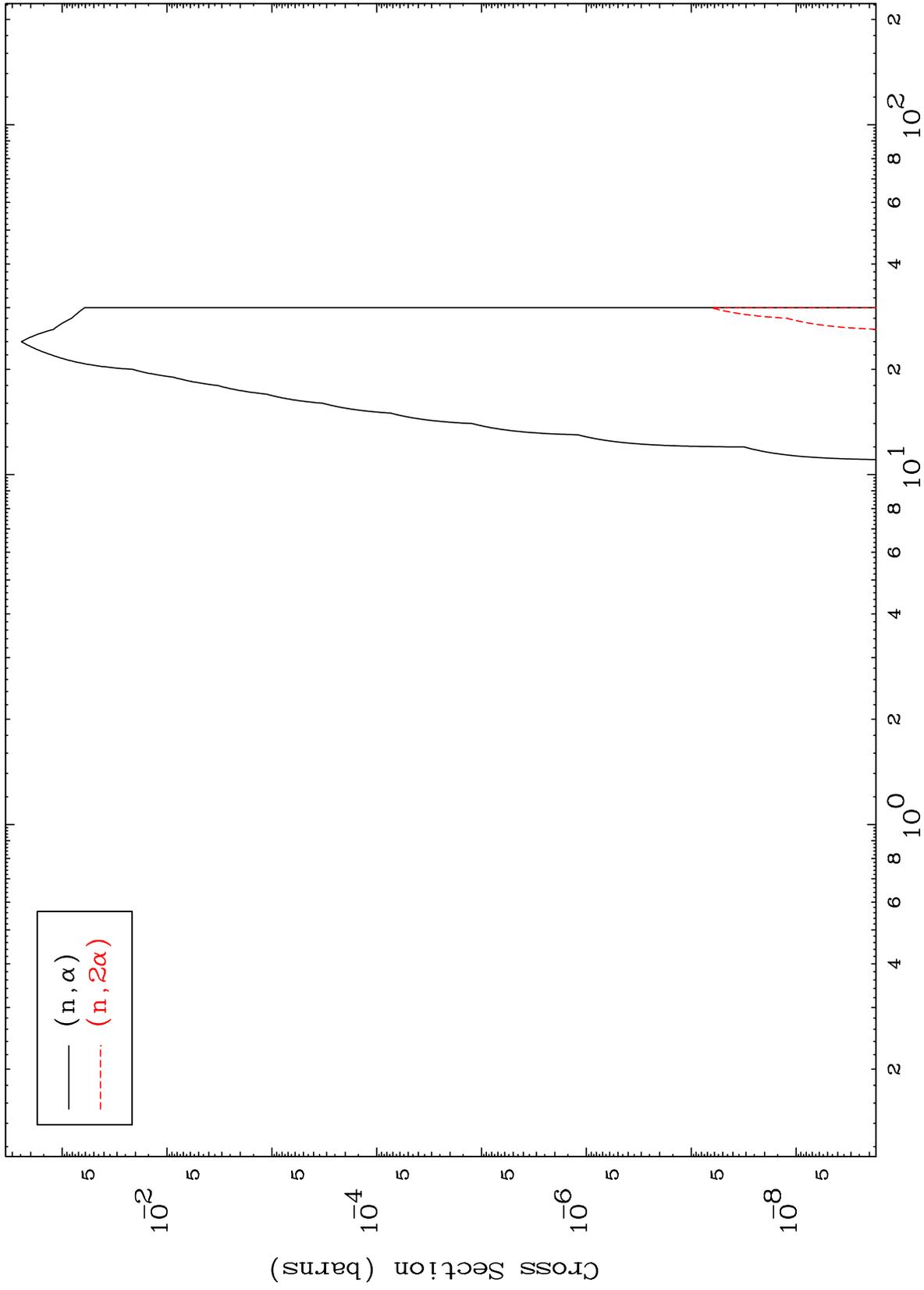
48-Cd-113m



MAT 4847

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-113m



10

Incident Energy (MeV)

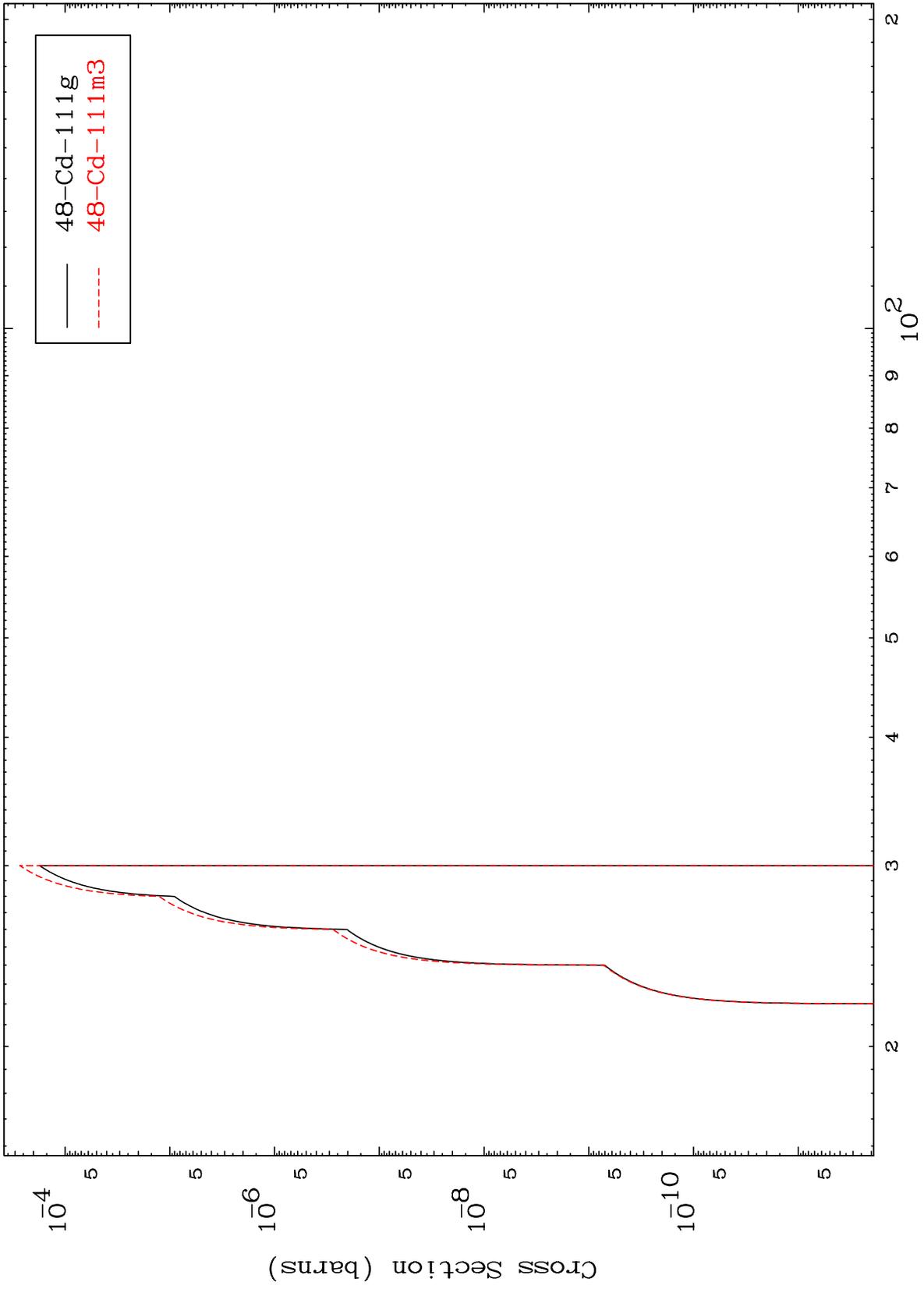
48-Cd-113m

MAT 4847

(n,2n) α

48-Cd-113m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

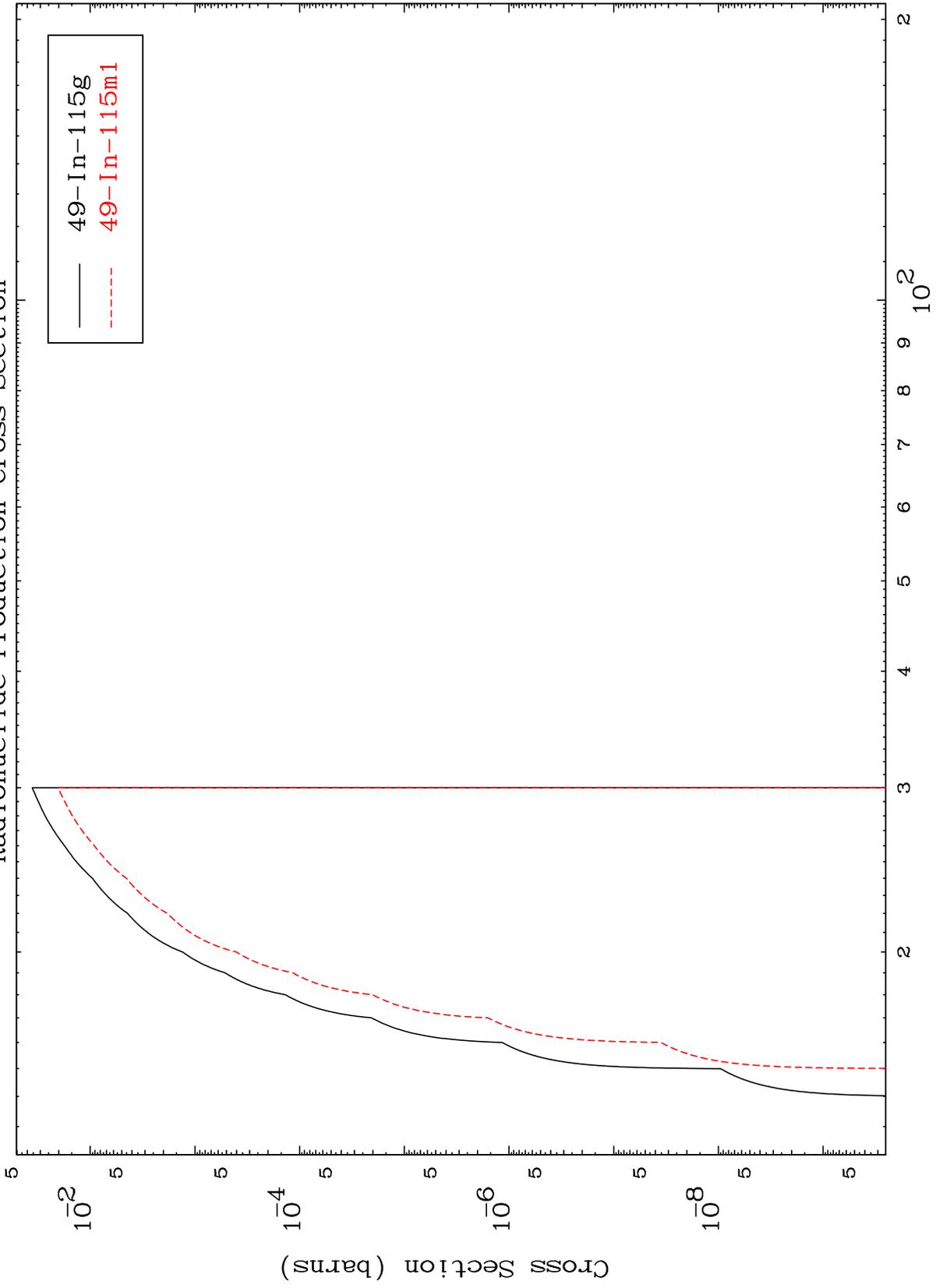
48-Cd-113m

MAT 4847

(n,n') p

48-Cd-113m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

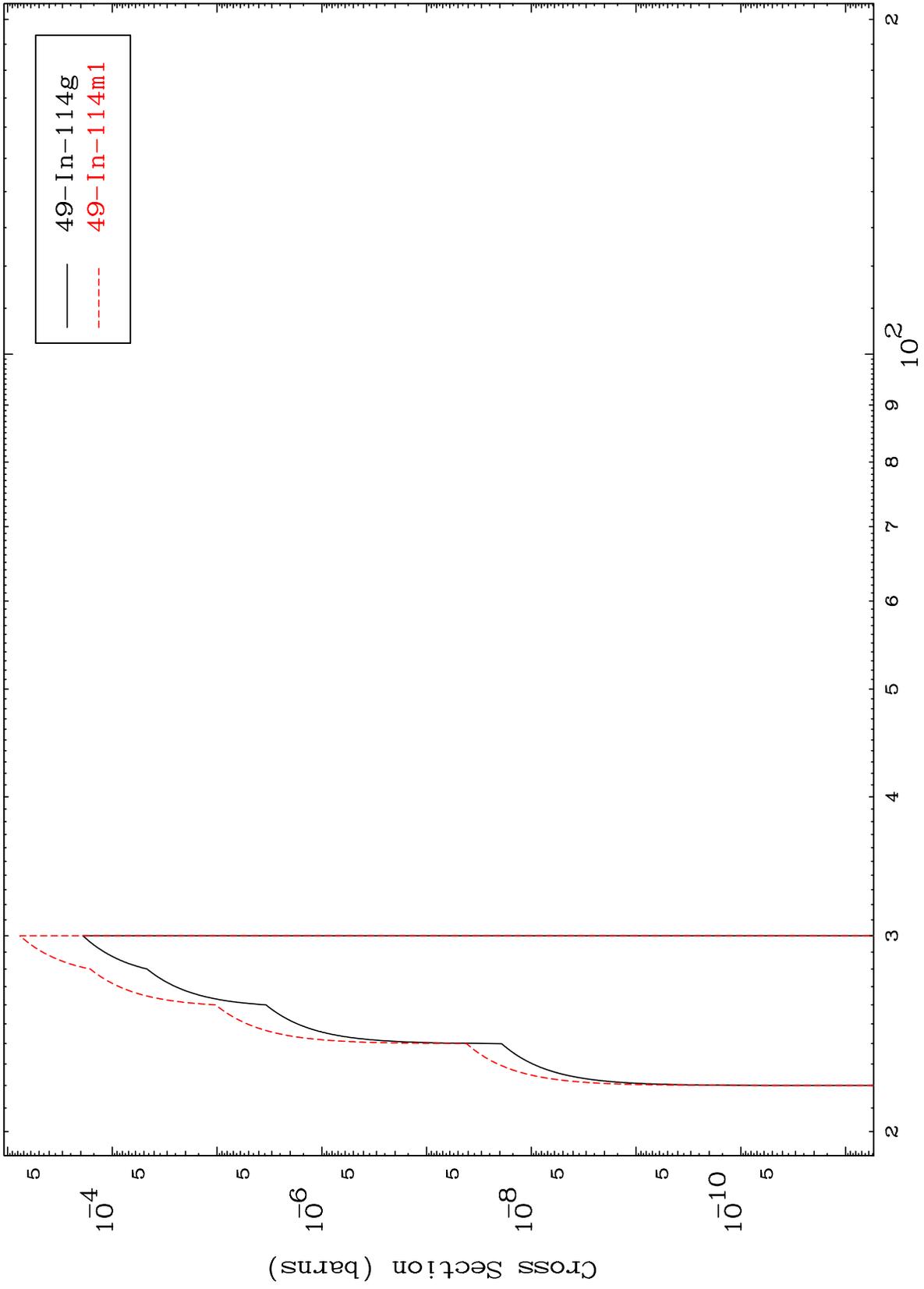
48-Cd-113m

MAT 4847

(n,n') d

48-Cd-113m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

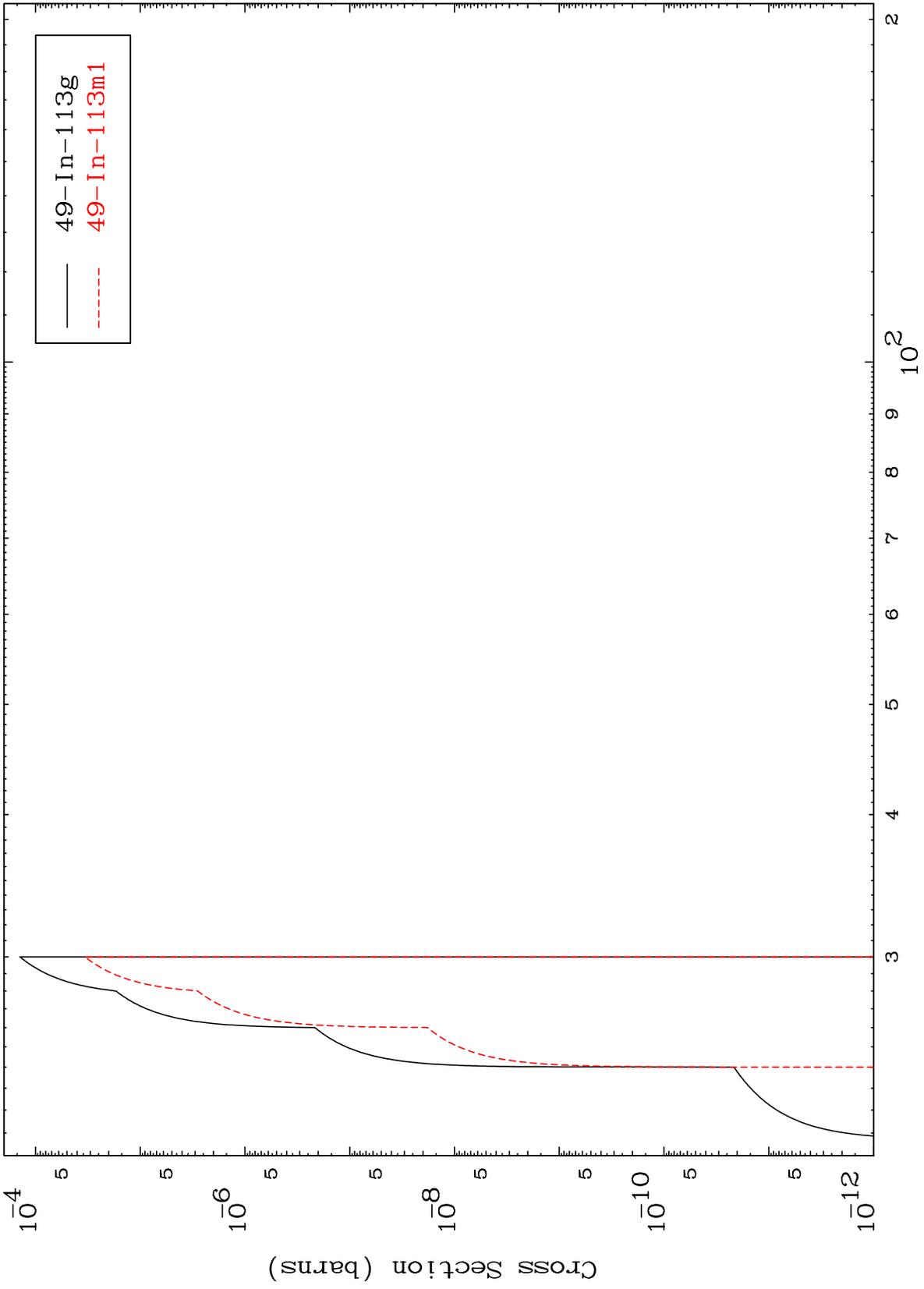
48-Cd-113m

MAT 4847

(n,n') t

48-Cd-113m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

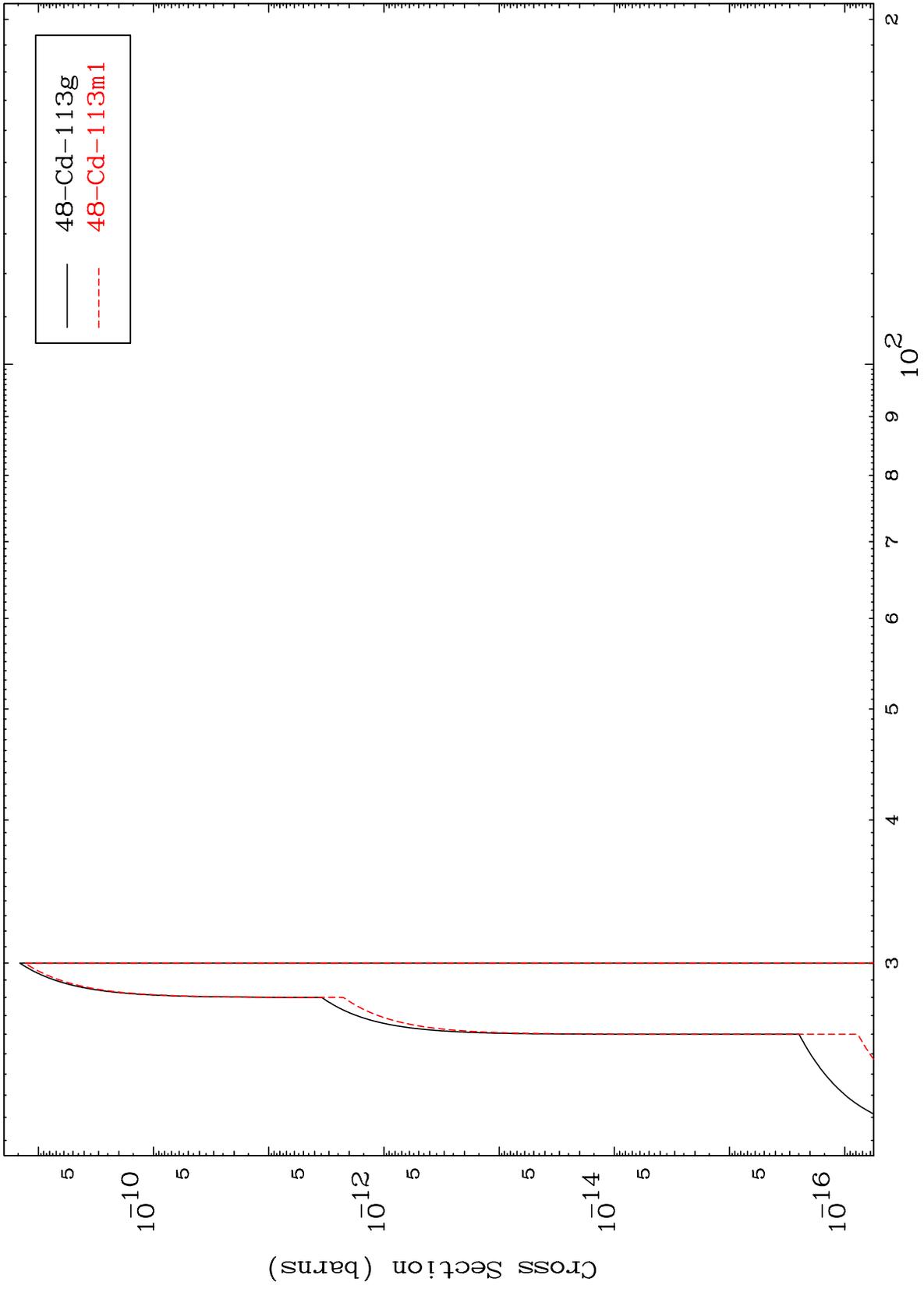
48-Cd-113m

MAT 4847

(n, n') He-3

48-Cd-113m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

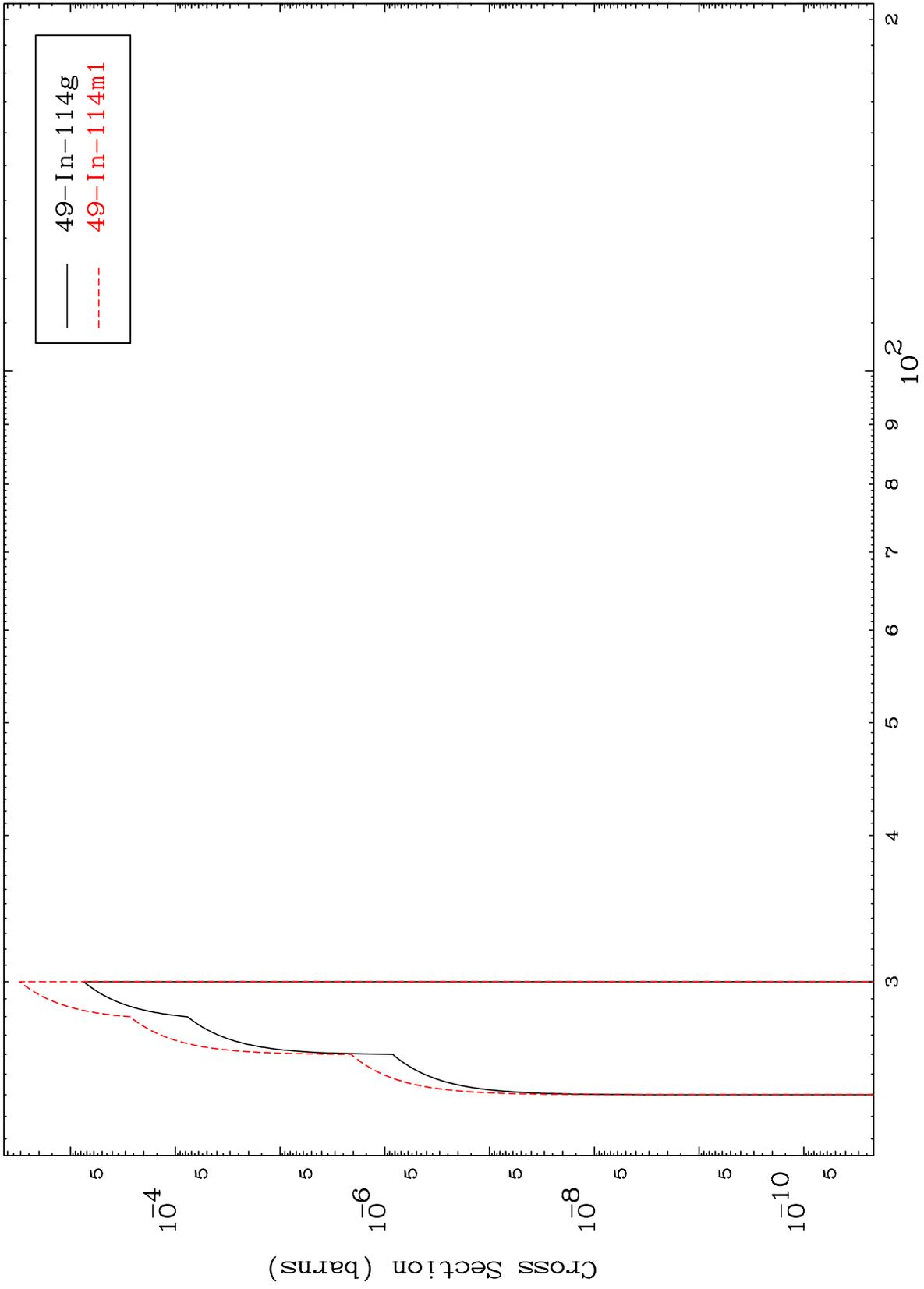
48-Cd-113m

MAT 4847

(n,2n) p

48-Cd-113m

Radionuclide Production Cross Section



16

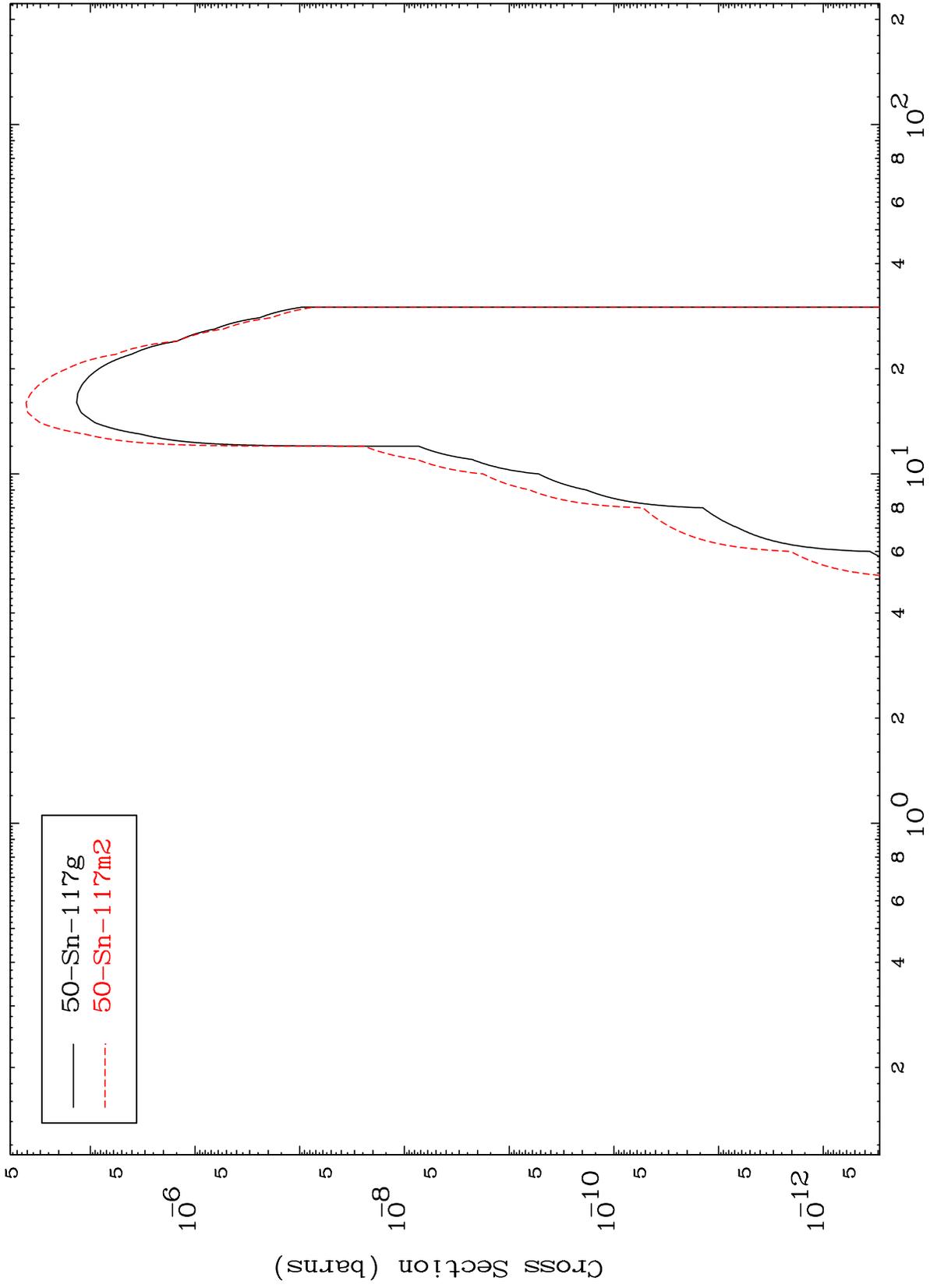
Incident Energy (MeV)

48-Cd-113m

MAT 4847

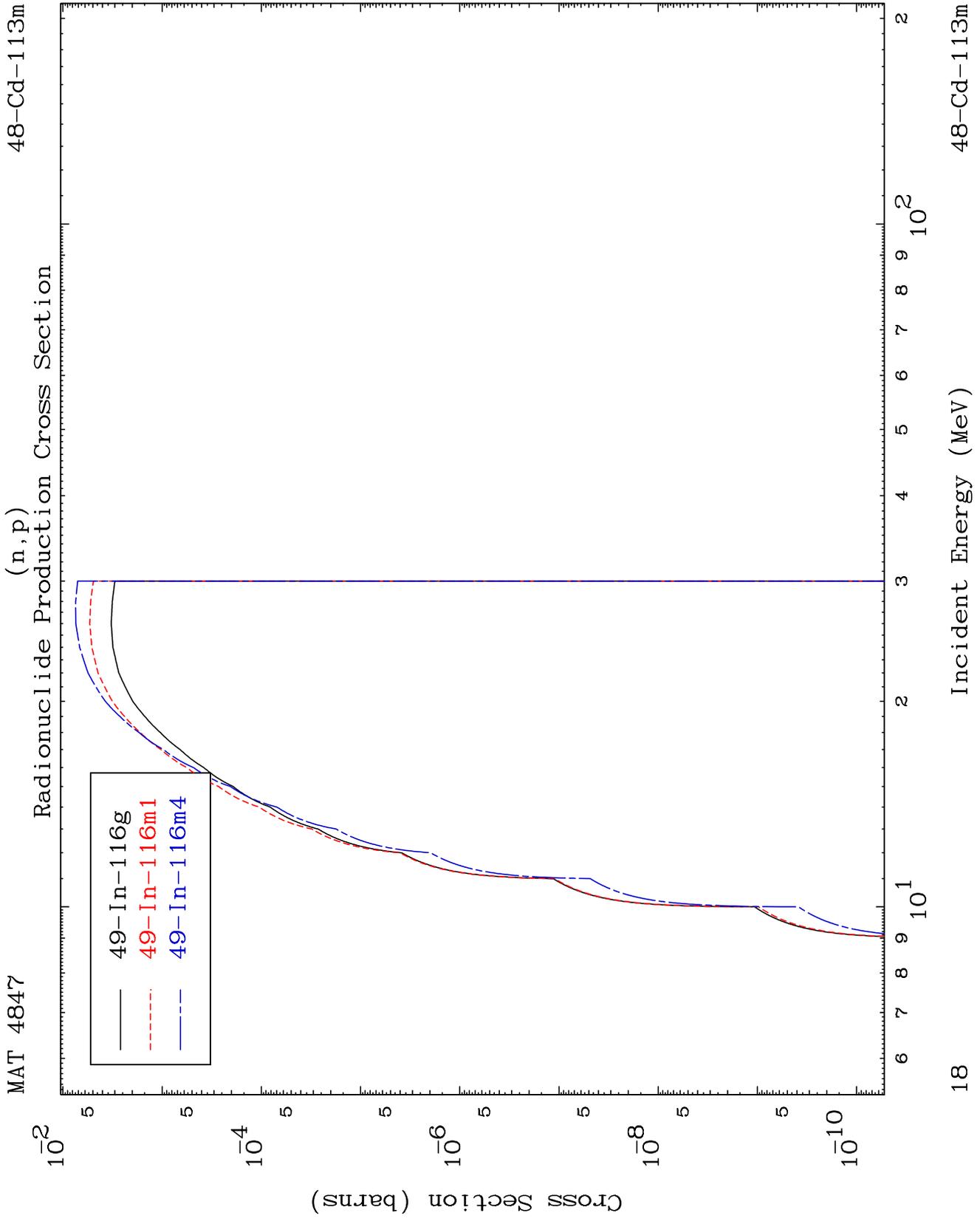
48-Cd-113m

Radionuclide Production Cross Section



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48-Cd-113m

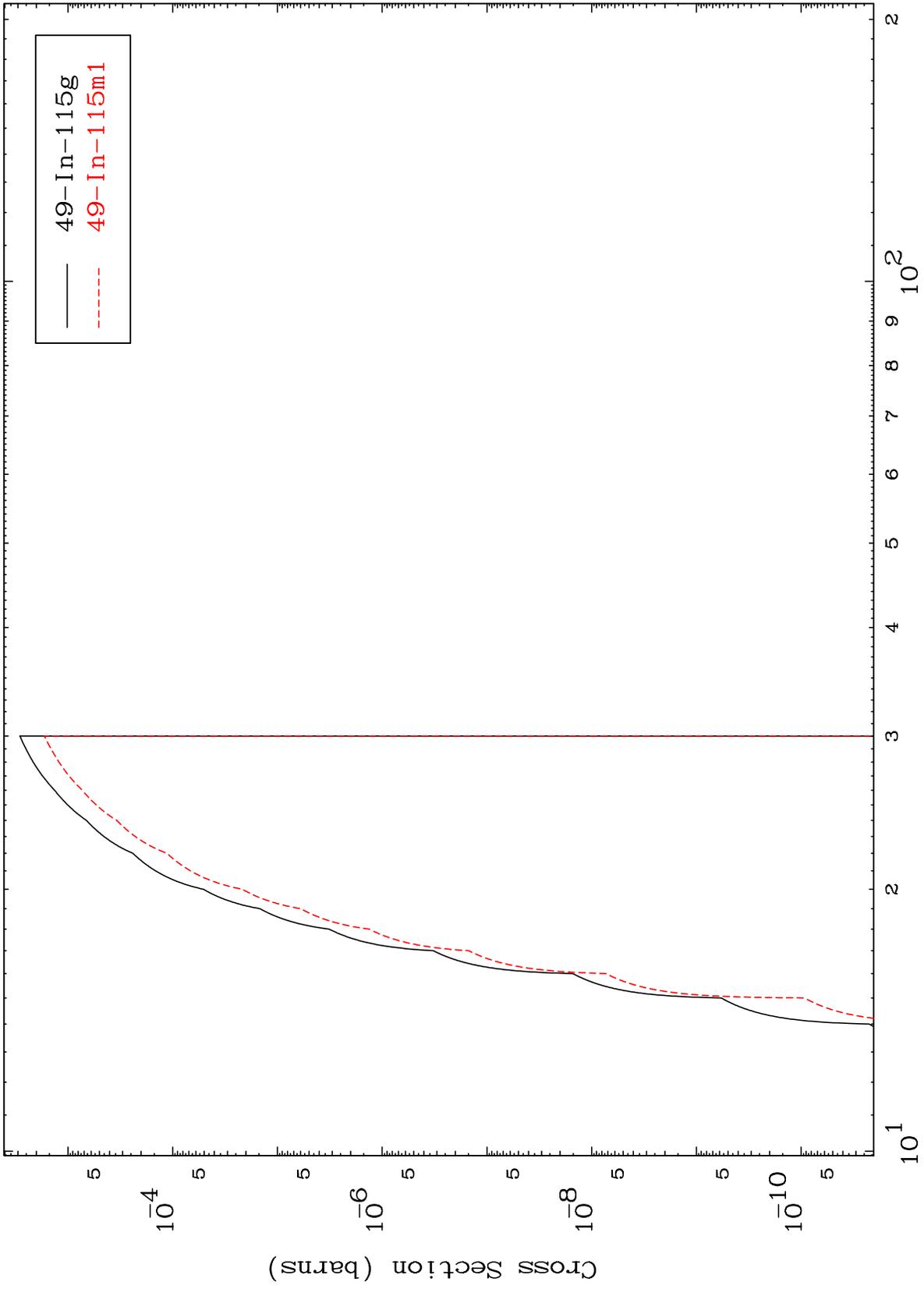


MAT 4847

(n,d)

48-Cd-113m

Radionuclide Production Cross Section



19

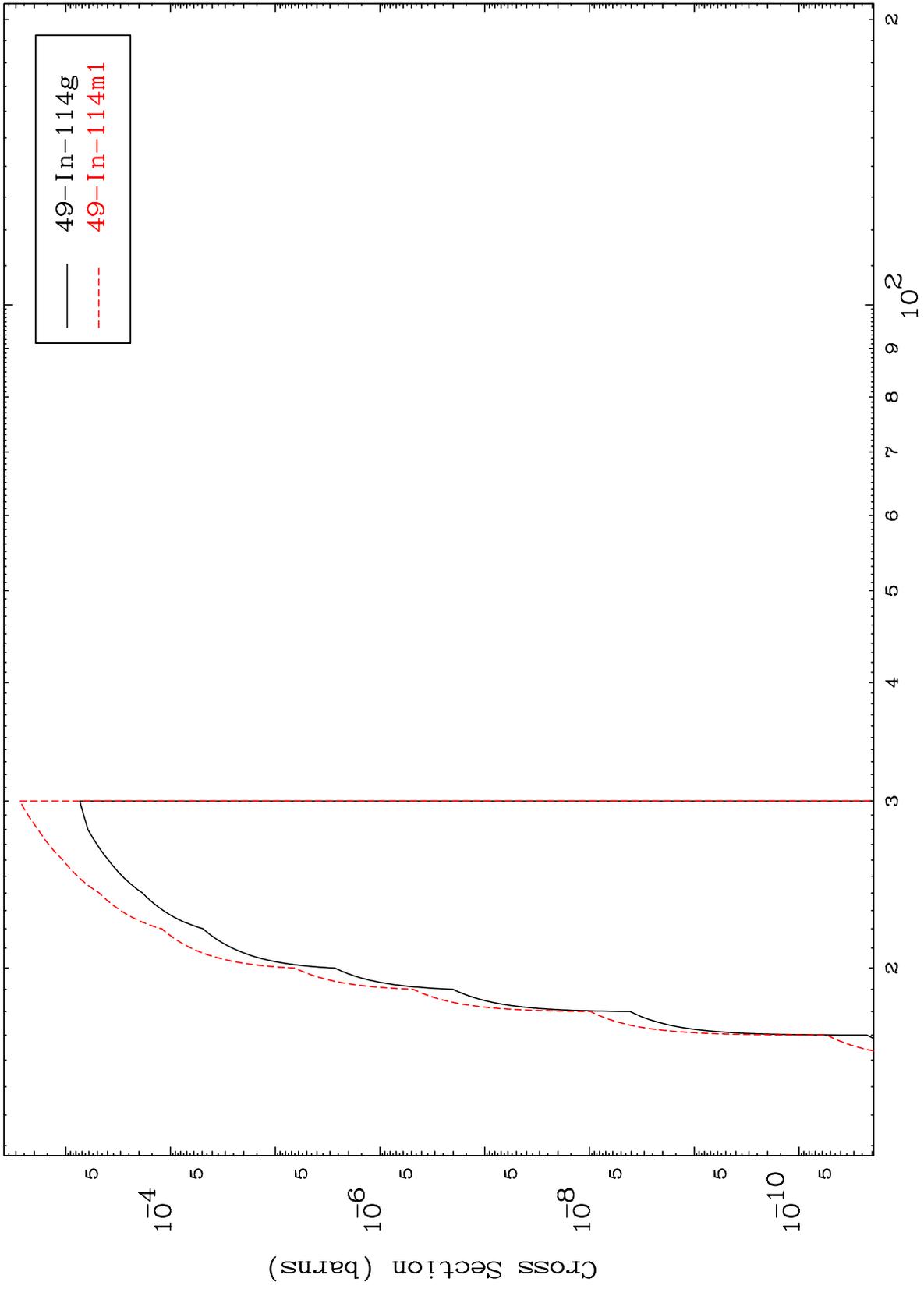
Incident Energy (MeV)

48-Cd-113m

MAT 4847

48-Cd-113m

(n, t)
Radionuclide Production Cross Section



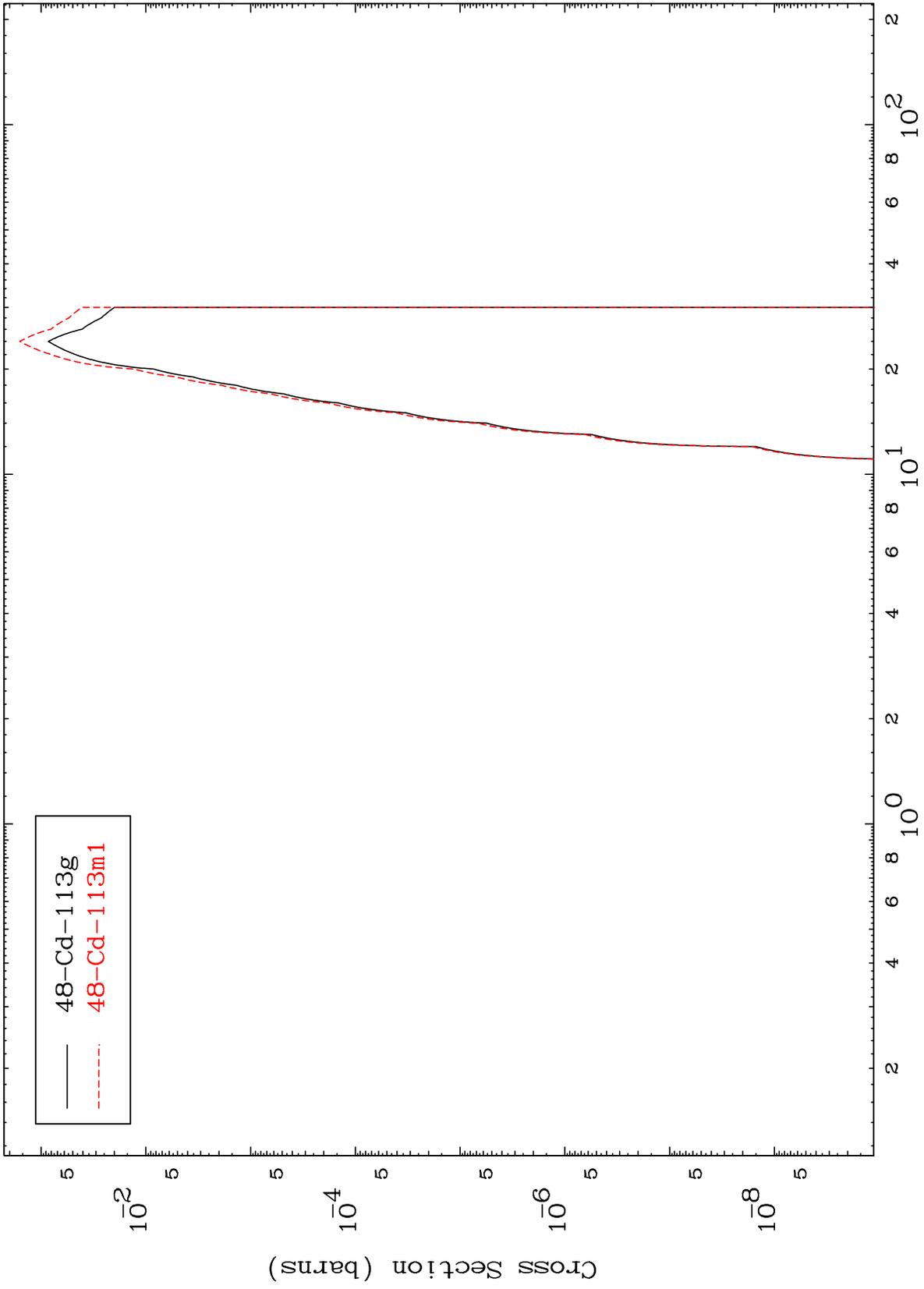
20

48-Cd-113m

MAT 4847

48-Cd-113m

Radionuclide Production Cross Section

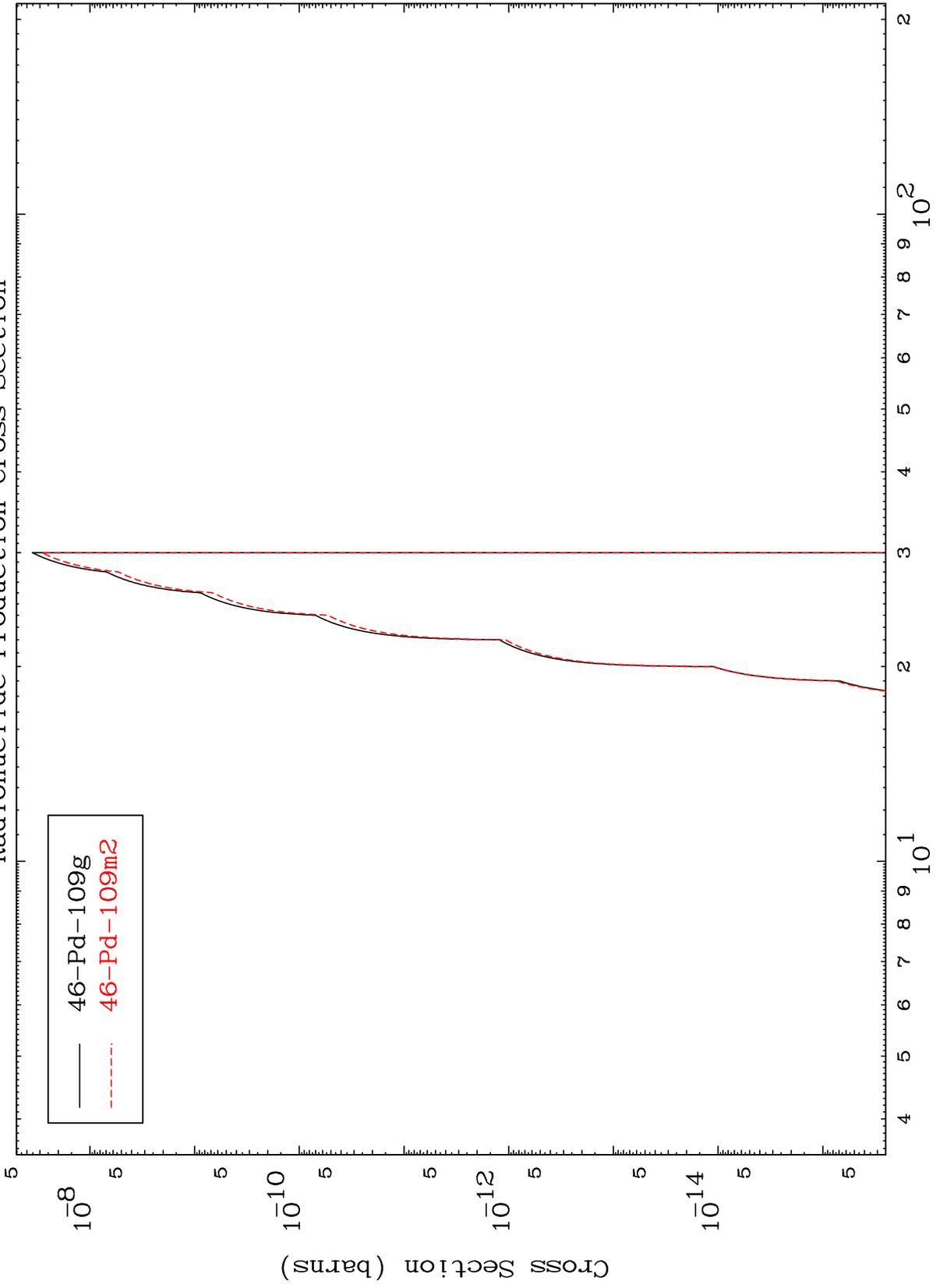


48-Cd-113m

MAT 4847

48-Cd-113m

Radionuclide Production Cross Section
(n,2α)



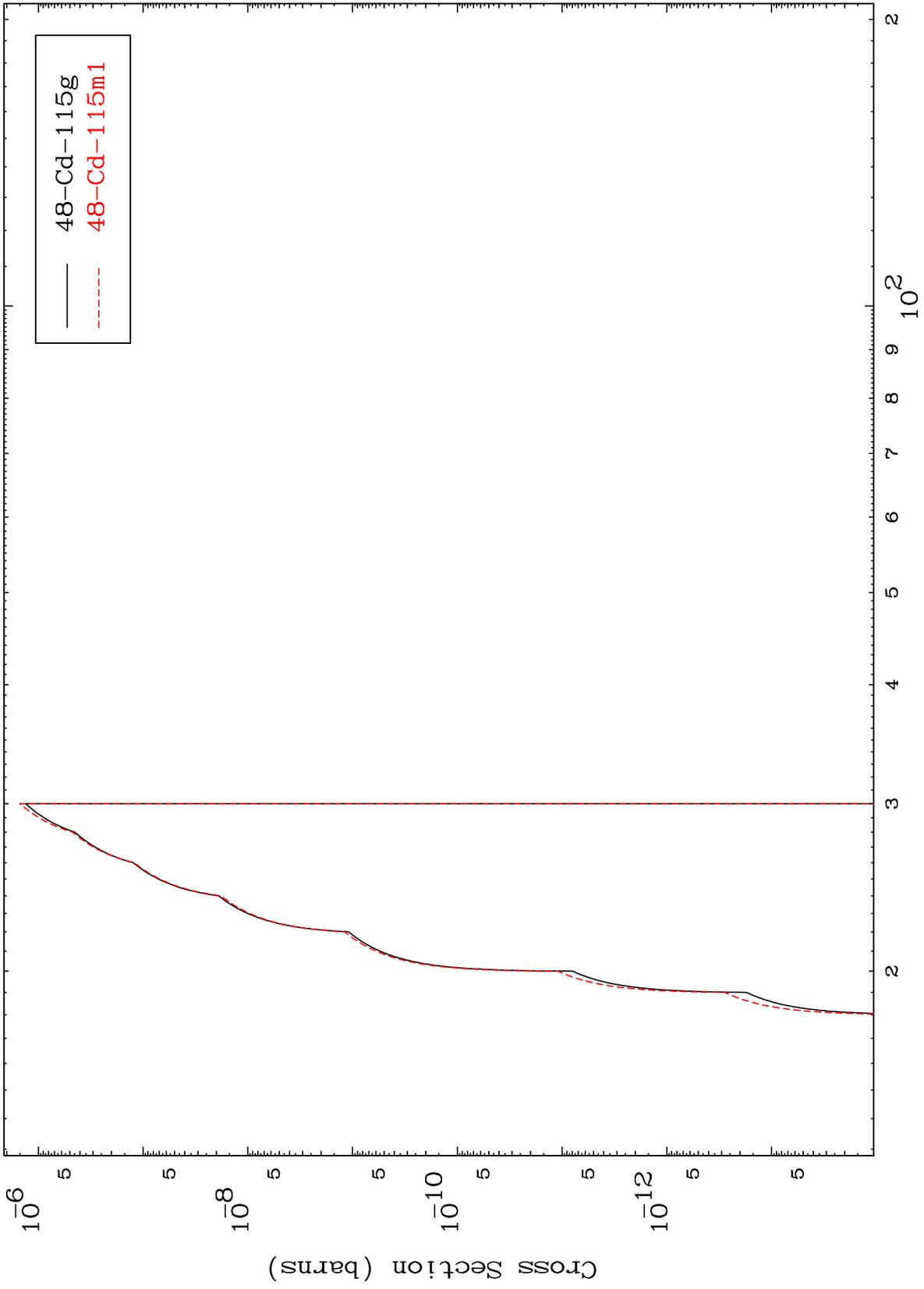
22

48-Cd-113m

MAT 4847

48-Cd-113m

(n,2p)
Radionuclide Production Cross Section



23

48-Cd-113m