

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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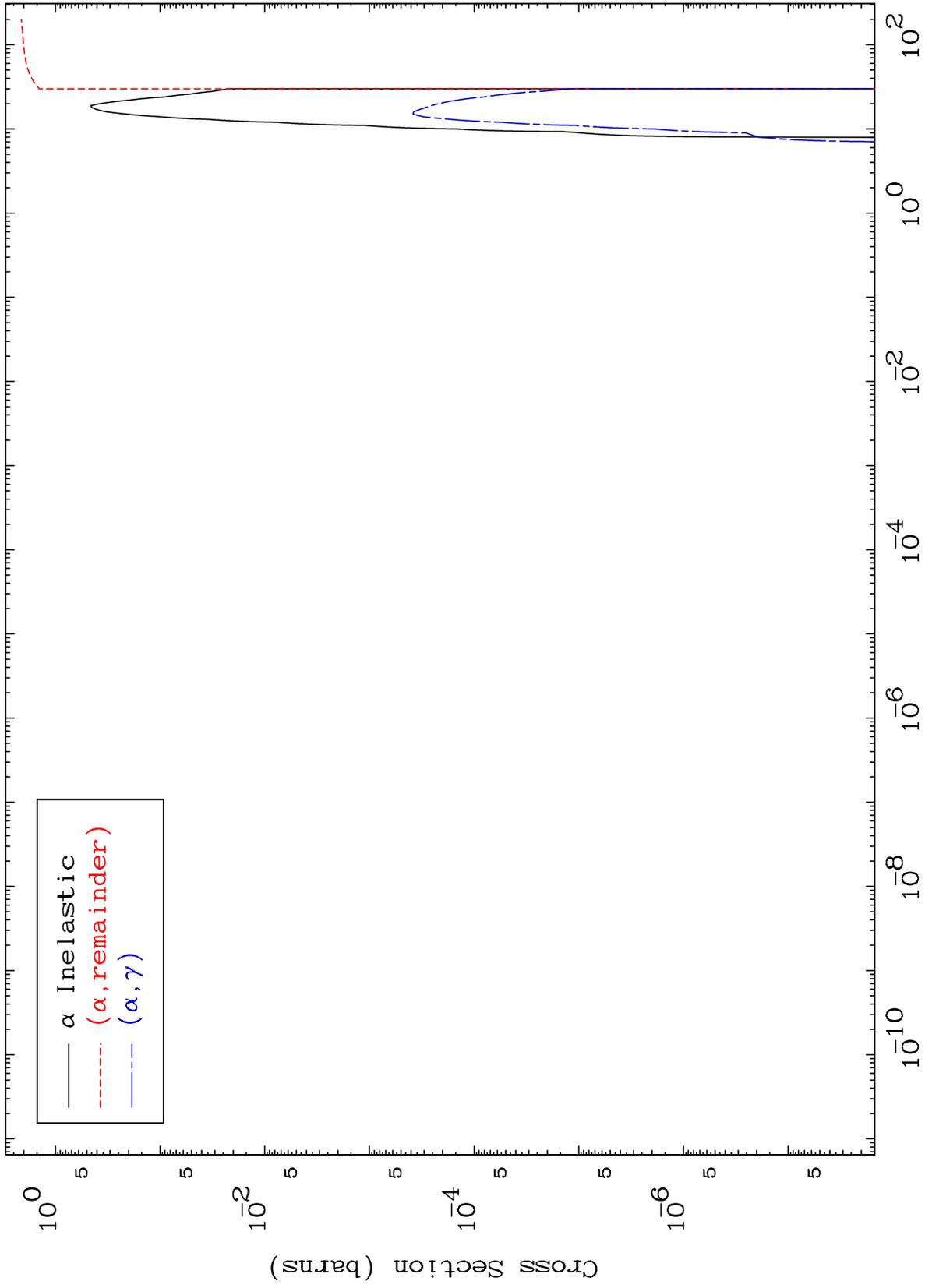
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4837

0 Kelvin α Major
Cross Sections

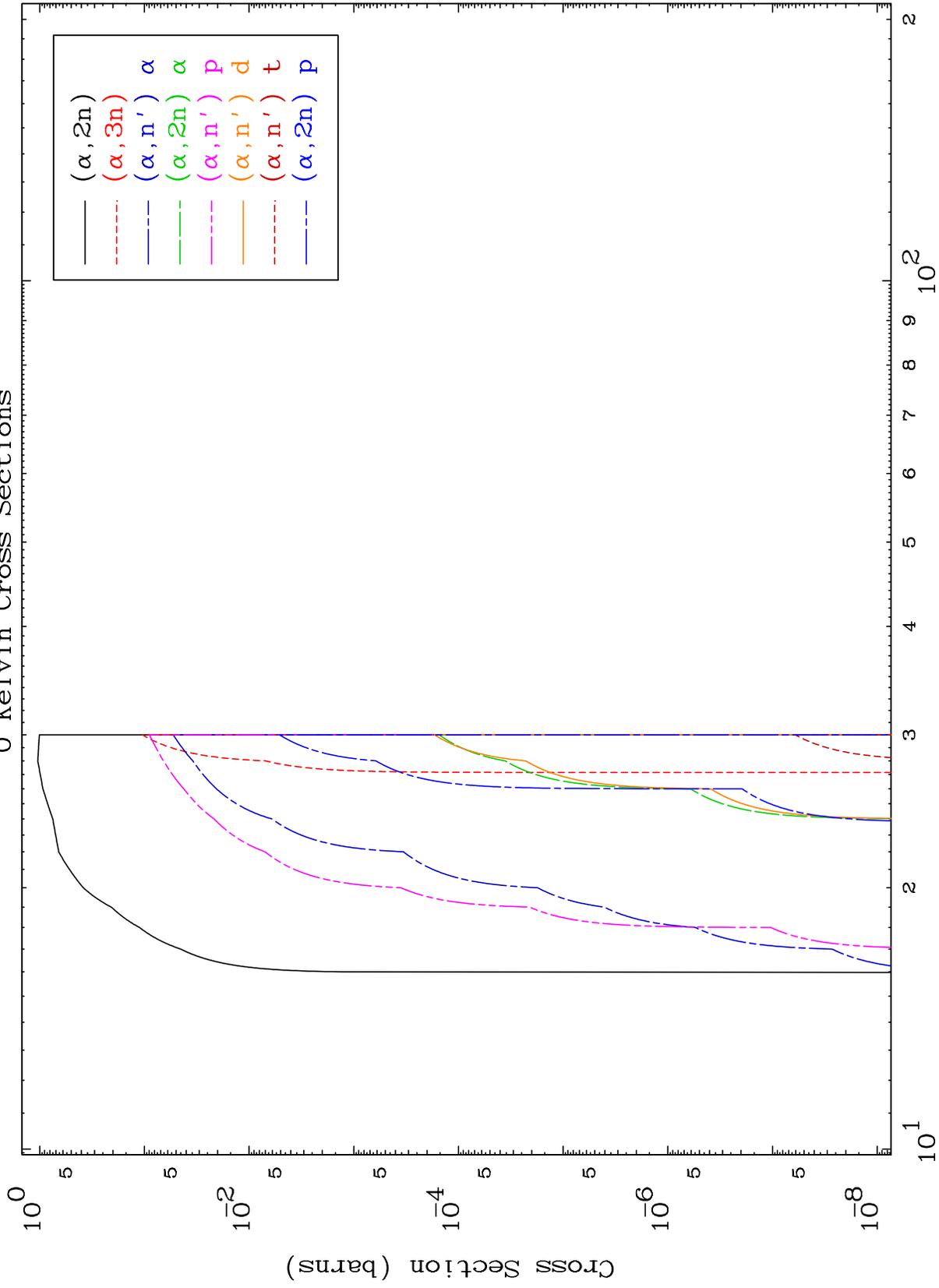
48-Cd-110



MAT 4837

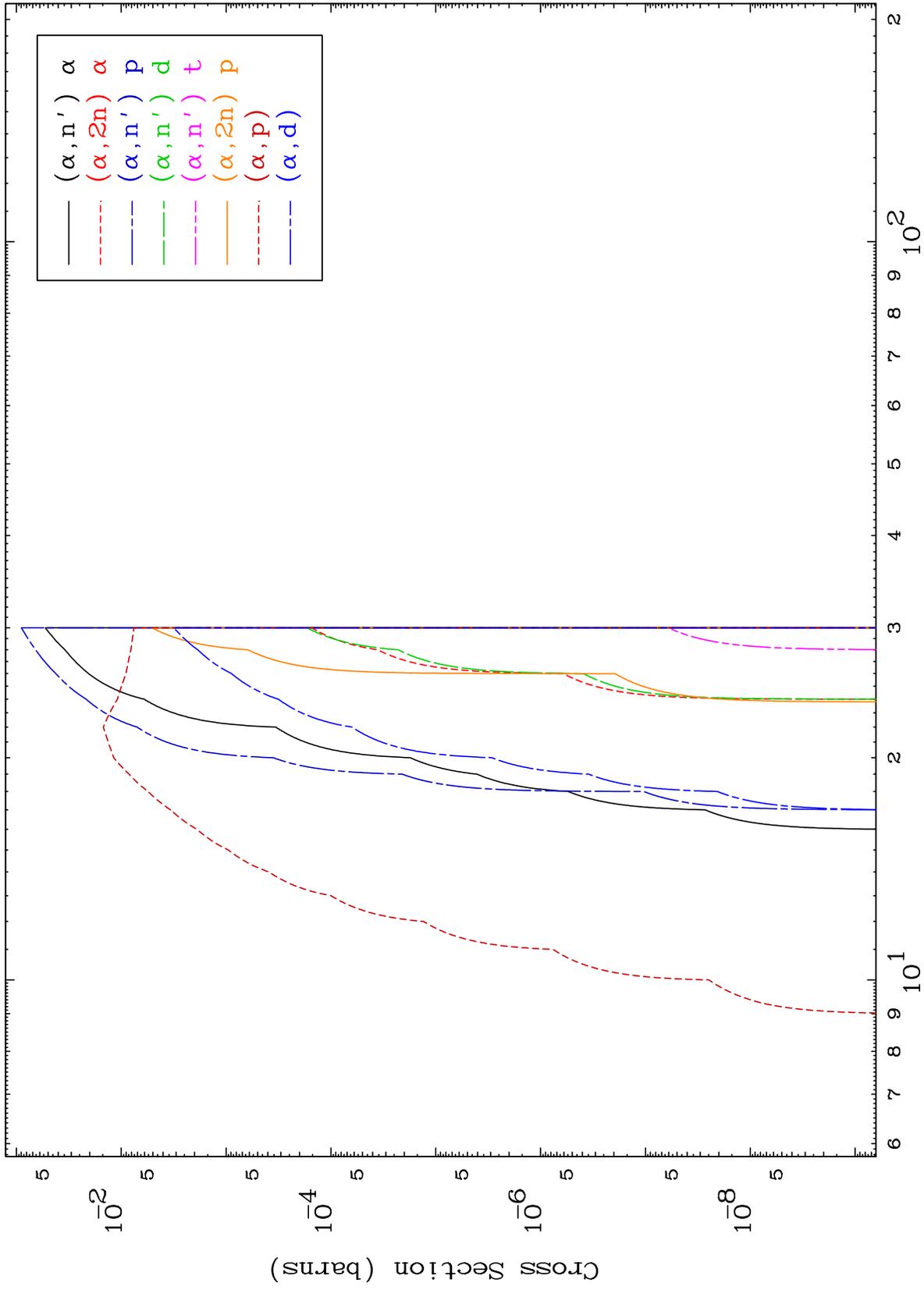
α Neutron Production
0 Kelvin Cross Sections

48-Cd-110



Incident Energy (MeV)

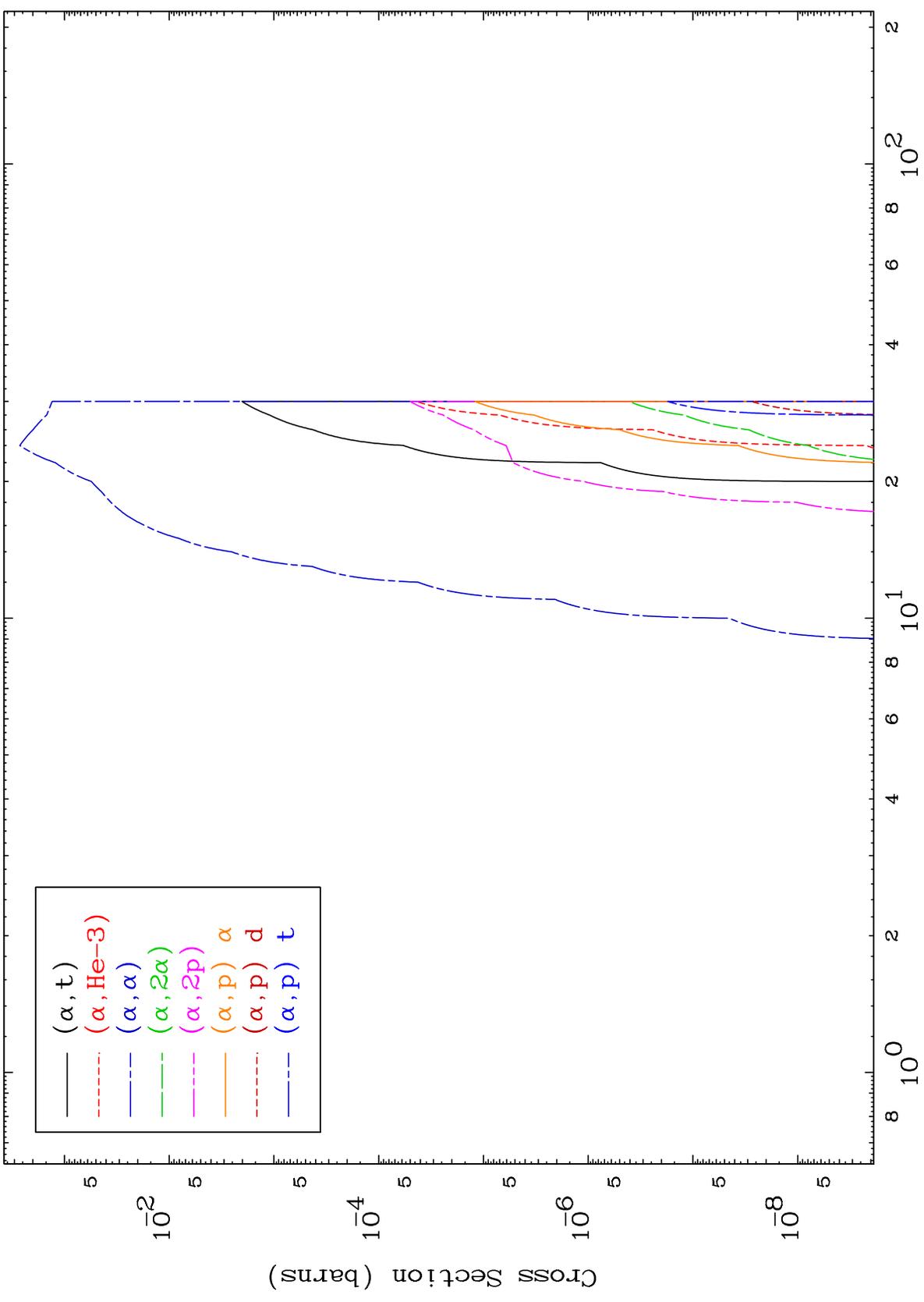
48-Cd-110



MAT 4837

α Charged Particle
0 Kelvin Cross Sections

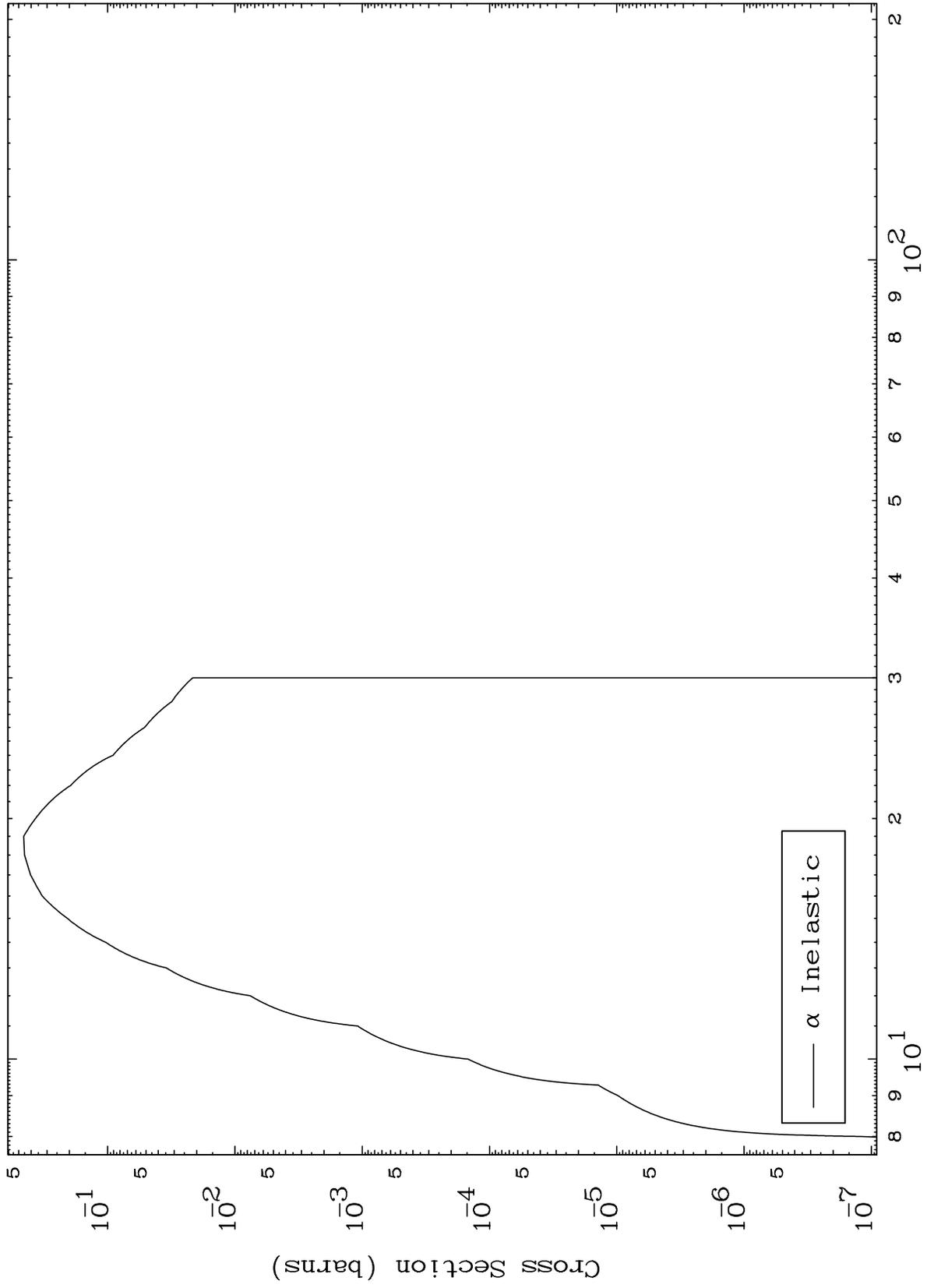
48-Cd-110



MAT 4837

(α, n') Level
0 Kelvin Cross Sections

48-Cd-110



5

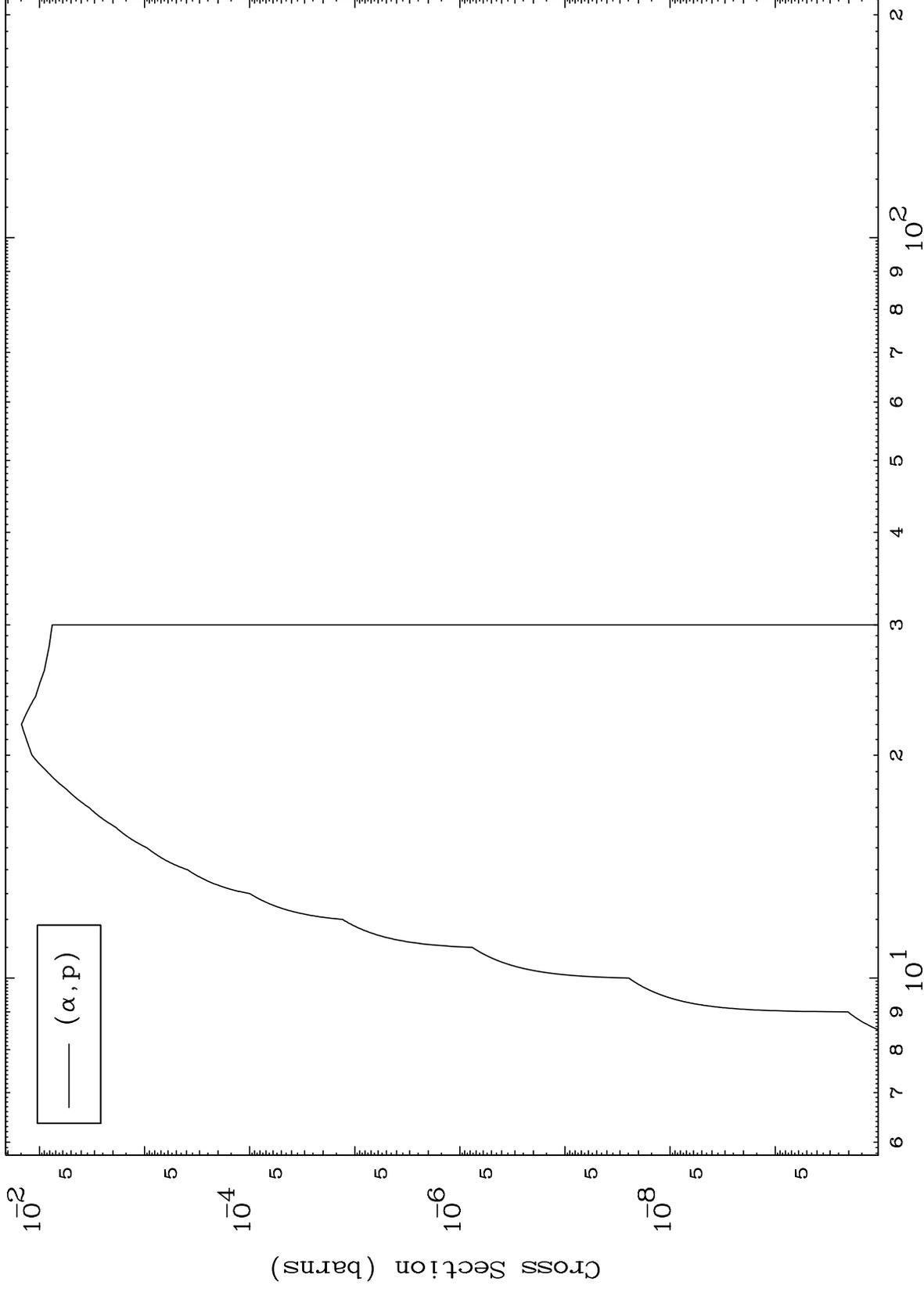
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-110



6

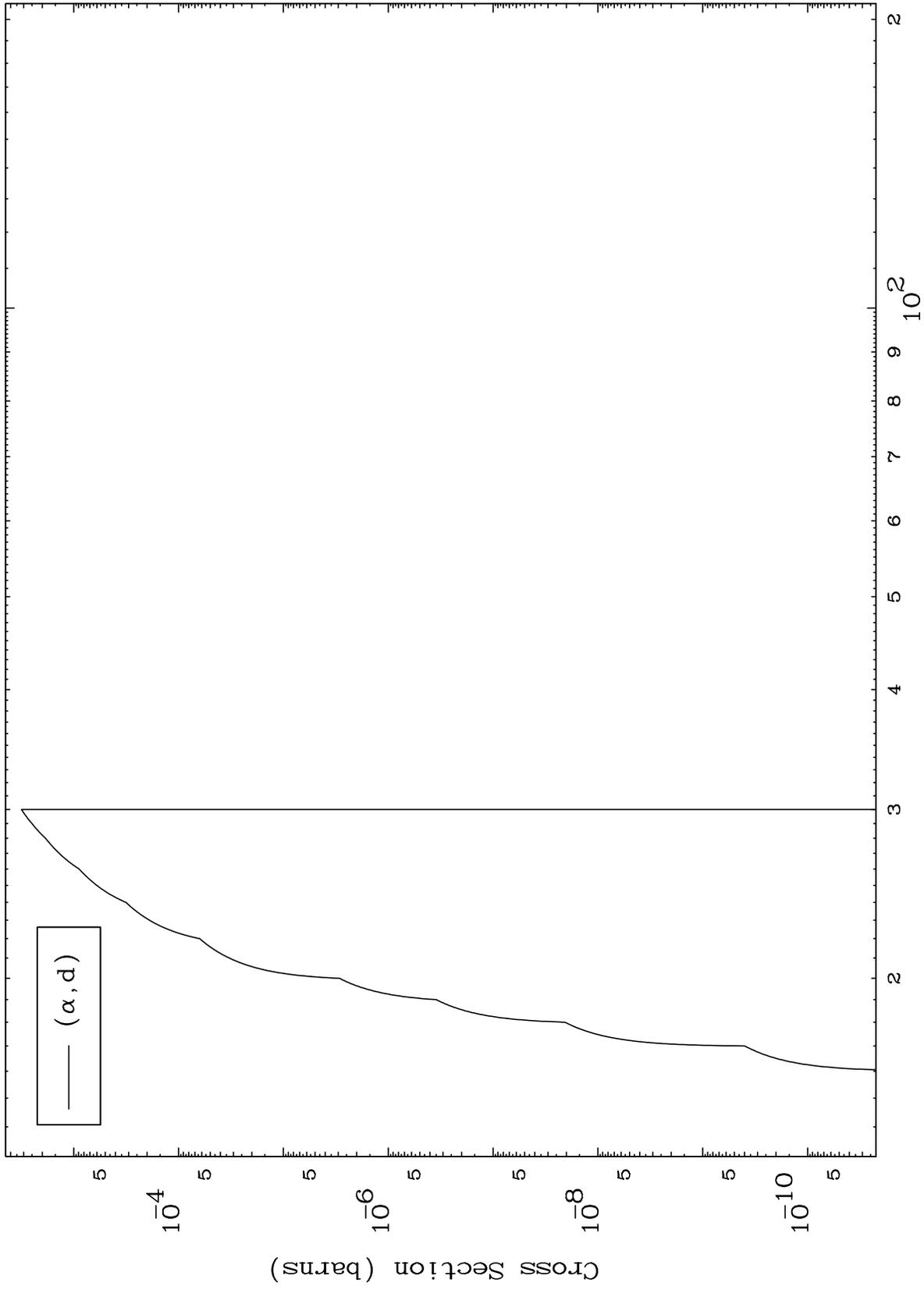
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-110



7

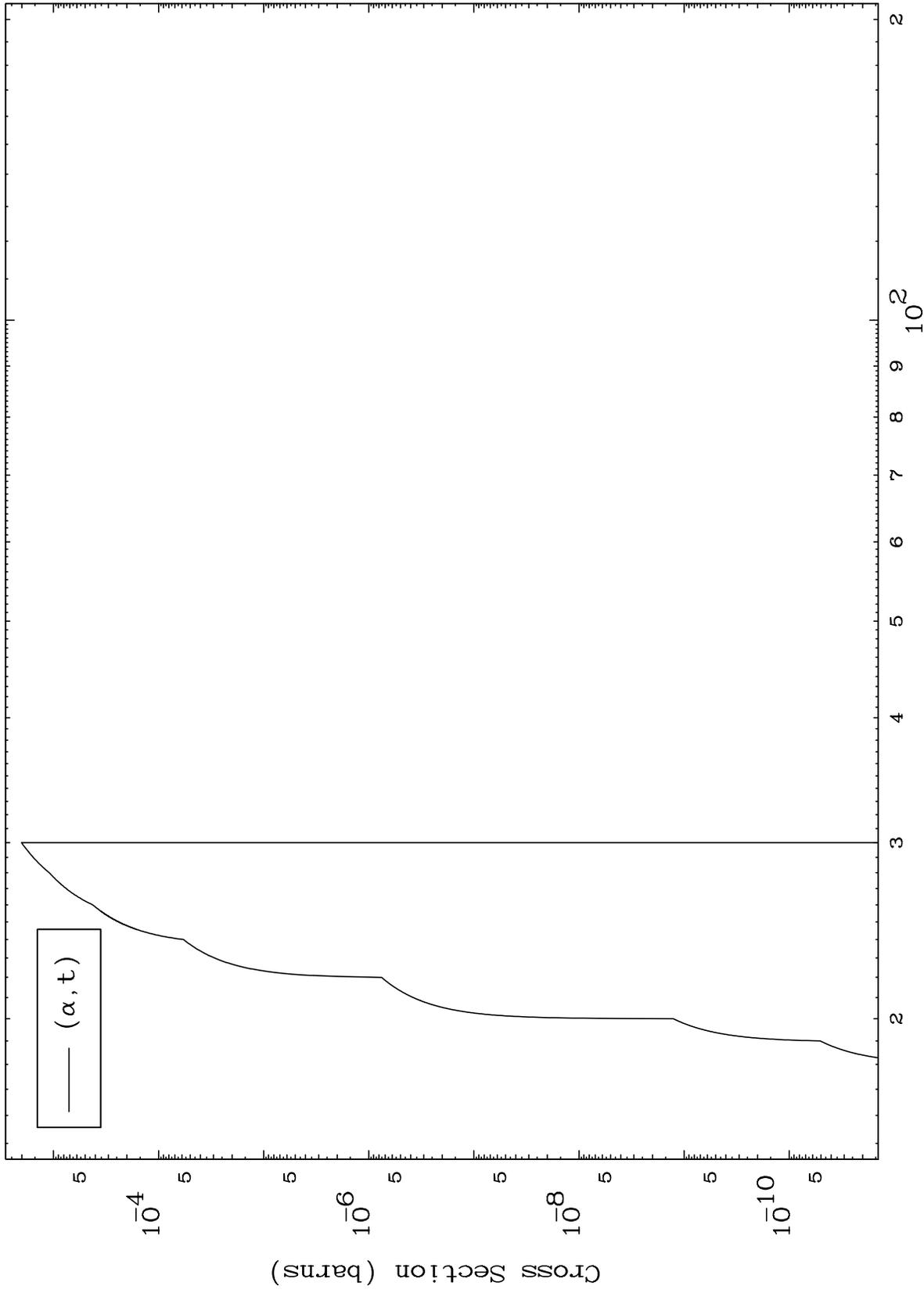
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, t) Levels
0 Kelvin Cross Sections

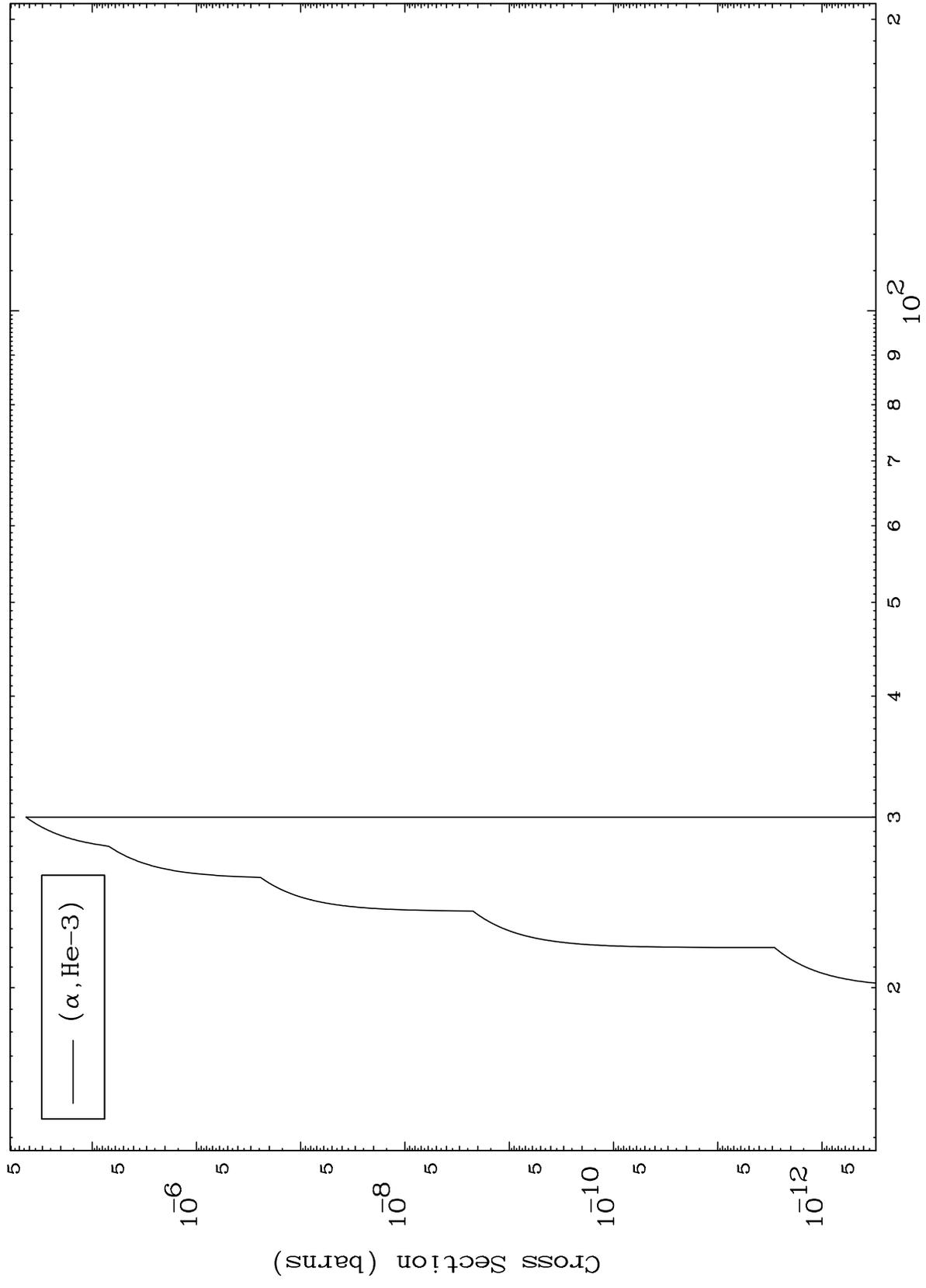
48-Cd-110



MAT 4837

(α ,He3) Levels
0 Kelvin Cross Sections

48-Cd-110



9

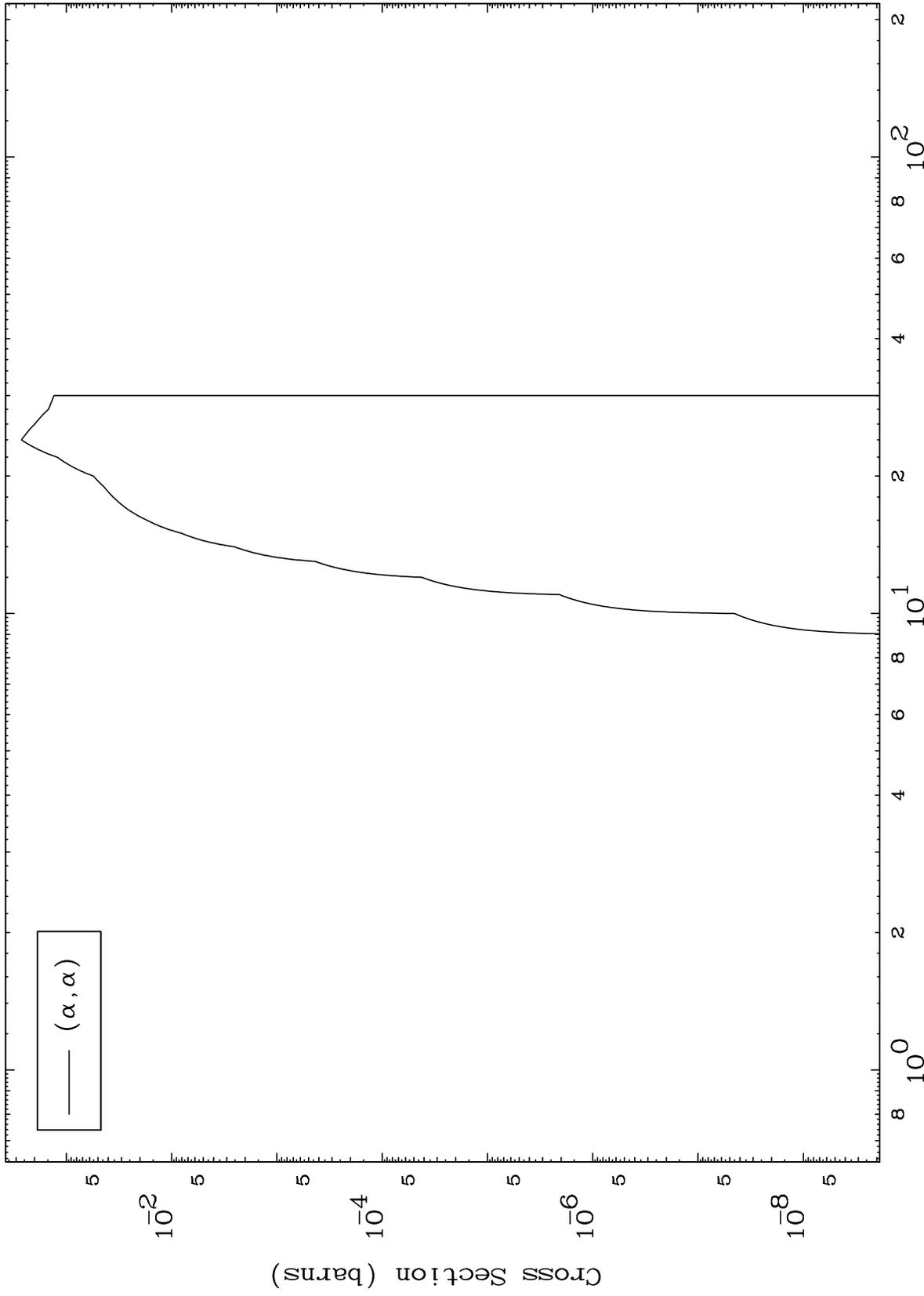
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-110



10

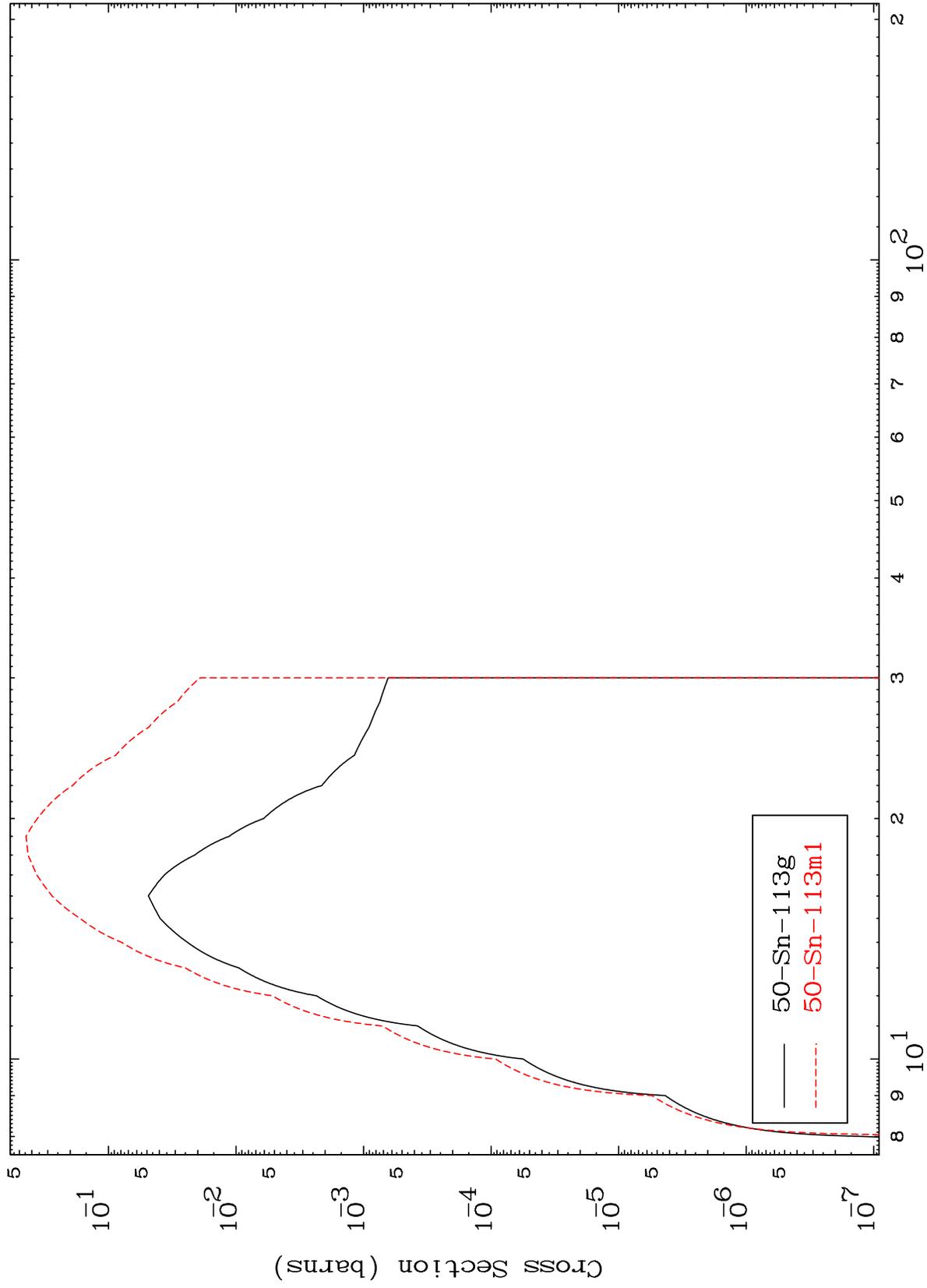
Incident Energy (MeV)

48-Cd-110

MAT 4837

48-Cd-110

Radionuclide Production Cross Section
 α Inelastic



48-Cd-110

Incident Energy (MeV)

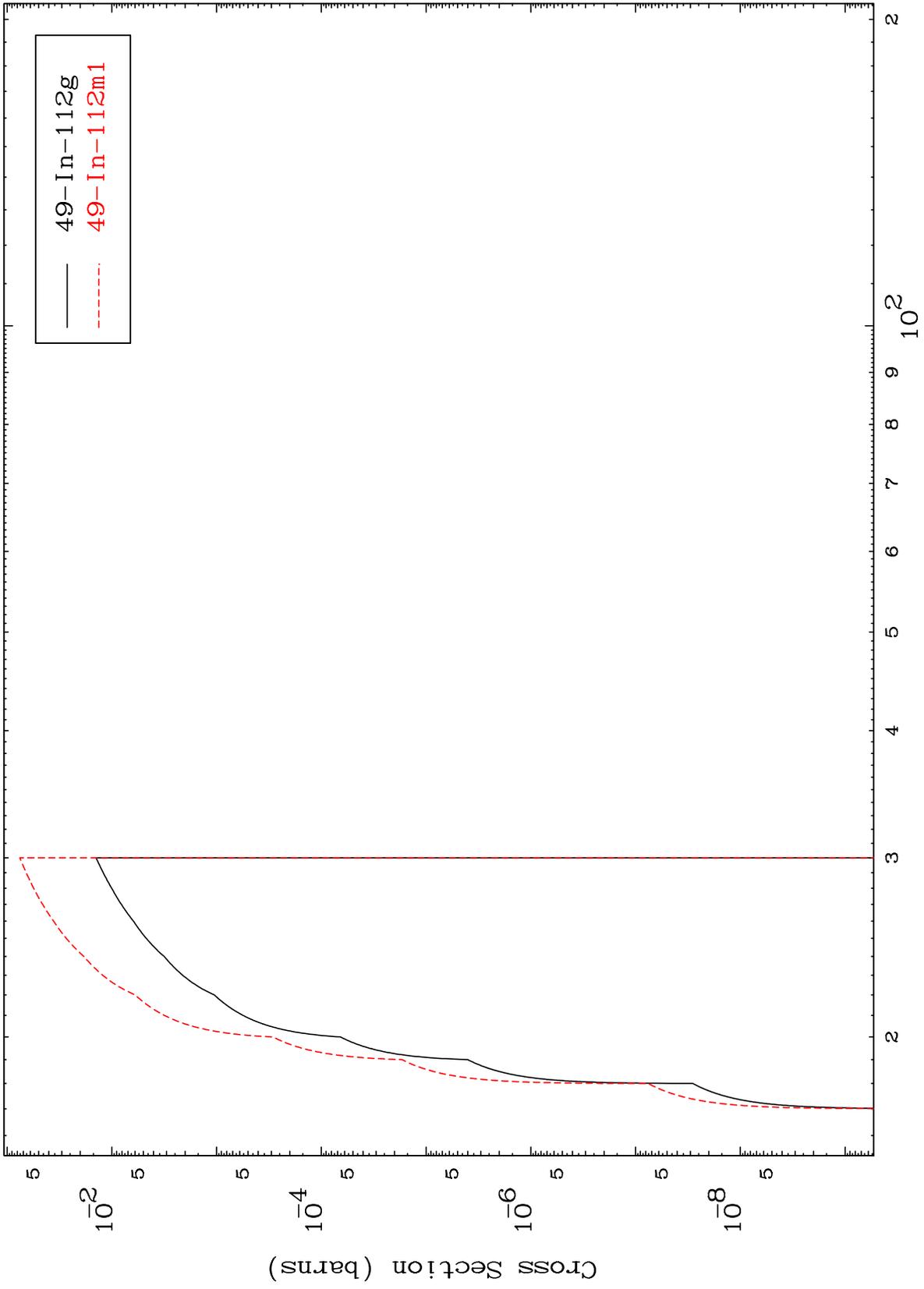
11

MAT 4837

(α, n') p

48-Cd-110

Radionuclide Production Cross Section



12

Incident Energy (MeV)

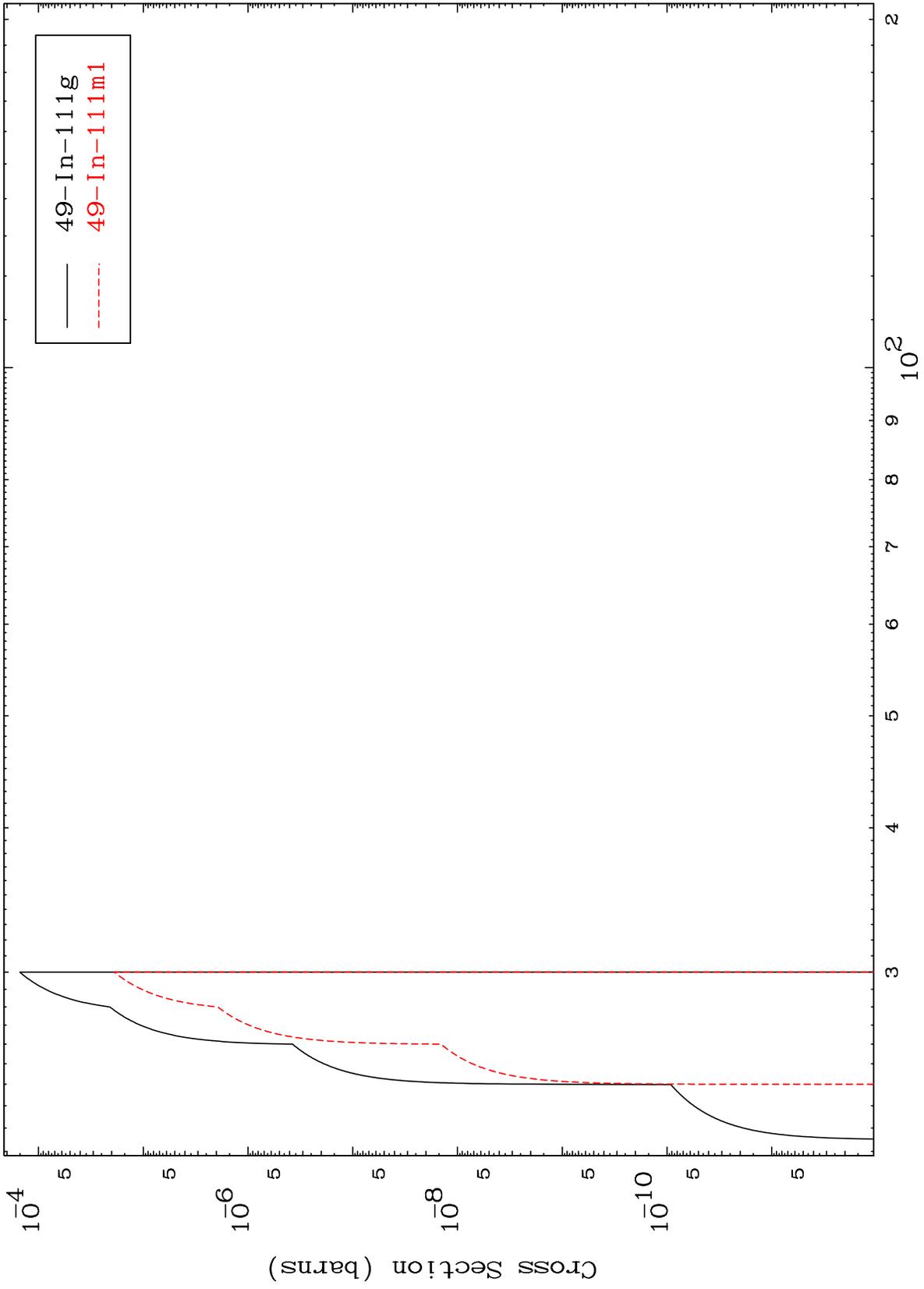
48-Cd-110

MAT 4837

(α, n') d

48-Cd-110

Radionuclide Production Cross Section



13

Incident Energy (MeV)

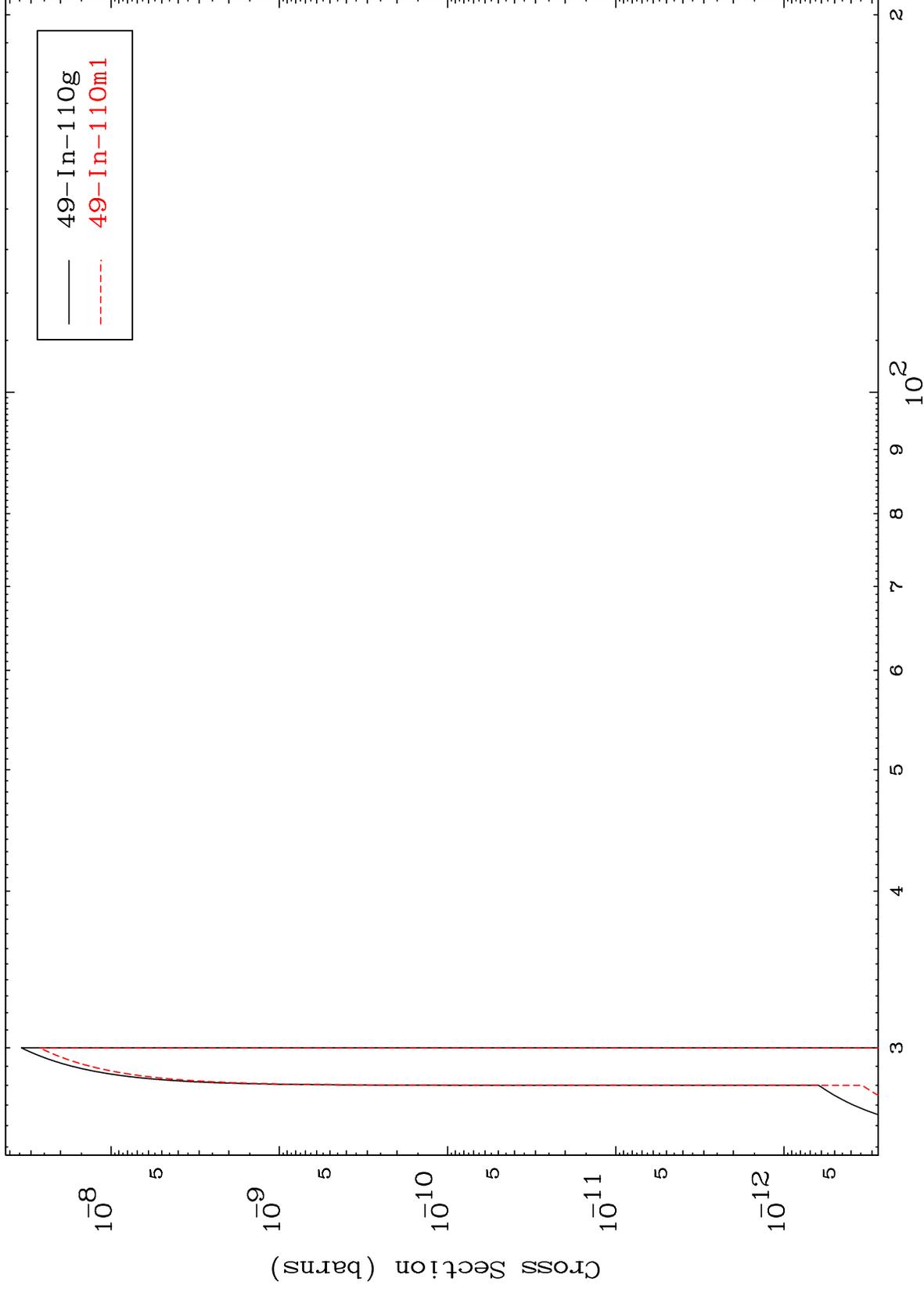
48-Cd-110

MAT 4837

(α, n') t

48-Cd-110

Radionuclide Production Cross Section



14

Incident Energy (MeV)

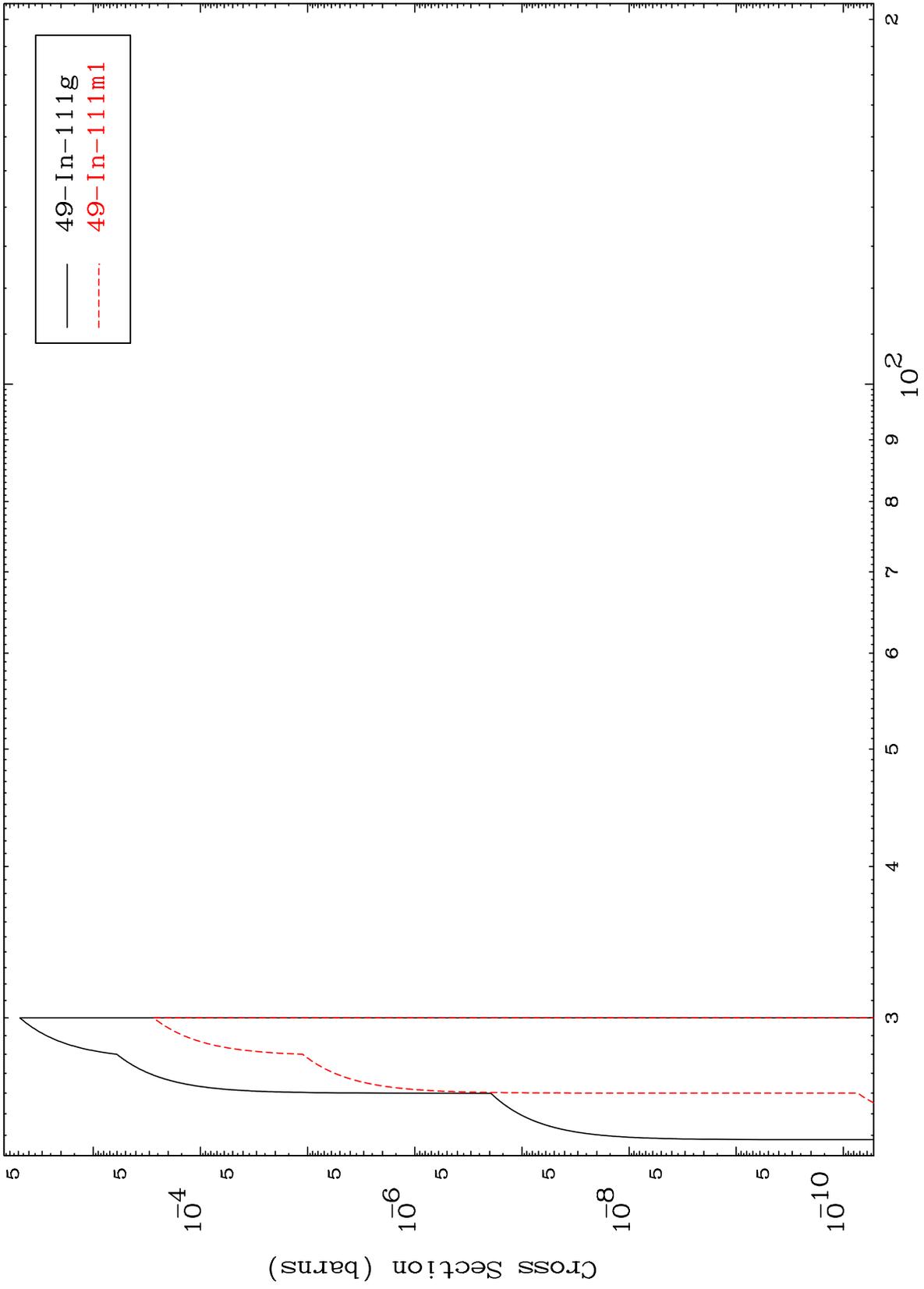
48-Cd-110

MAT 4837

($\alpha, 2n$) p

48-Cd-110

Radionuclide Production Cross Section



15

Incident Energy (MeV)

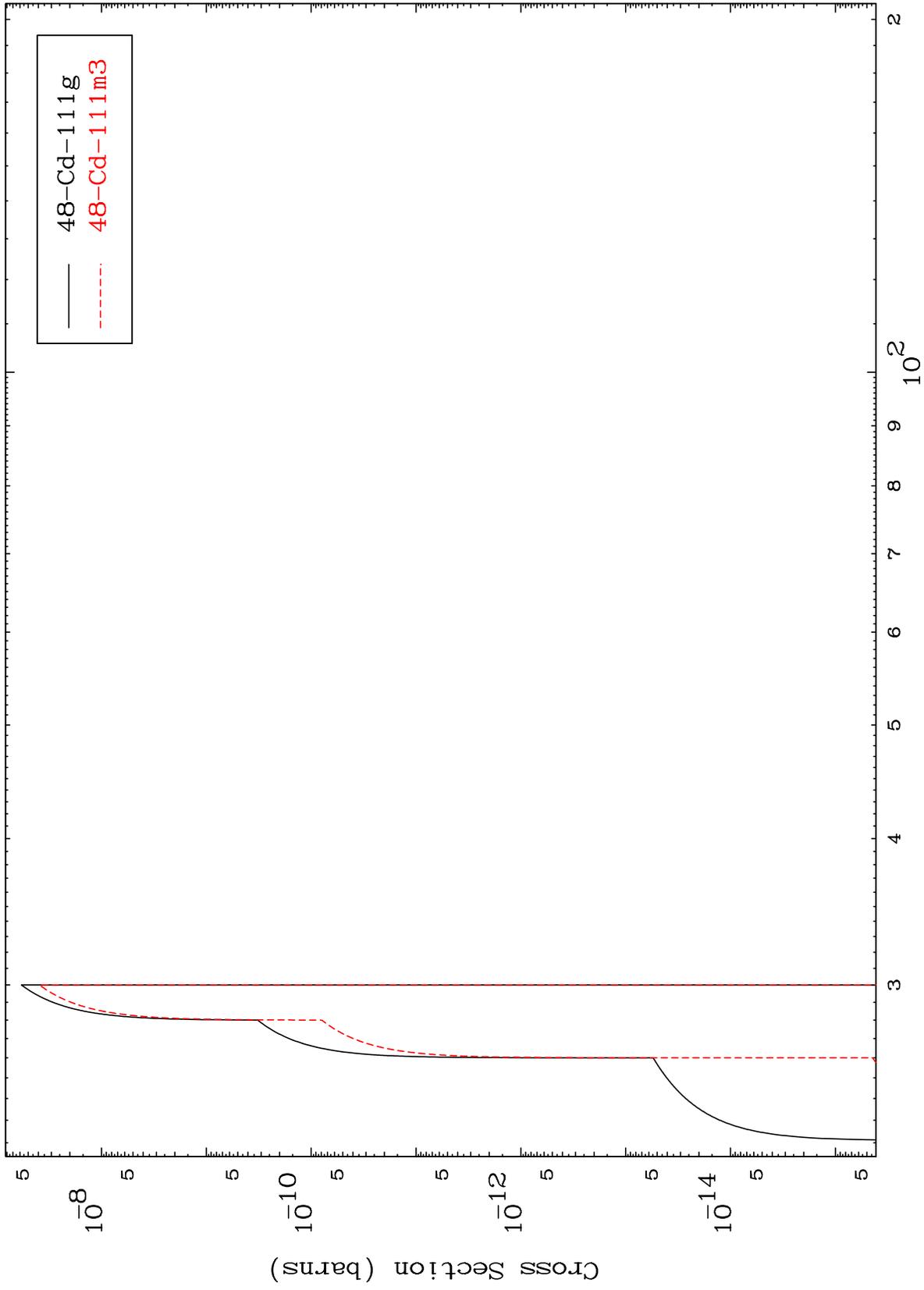
48-Cd-110

MAT 4837

($\alpha, 2n$) p

48-Cd-110

Radionuclide Production Cross Section



16

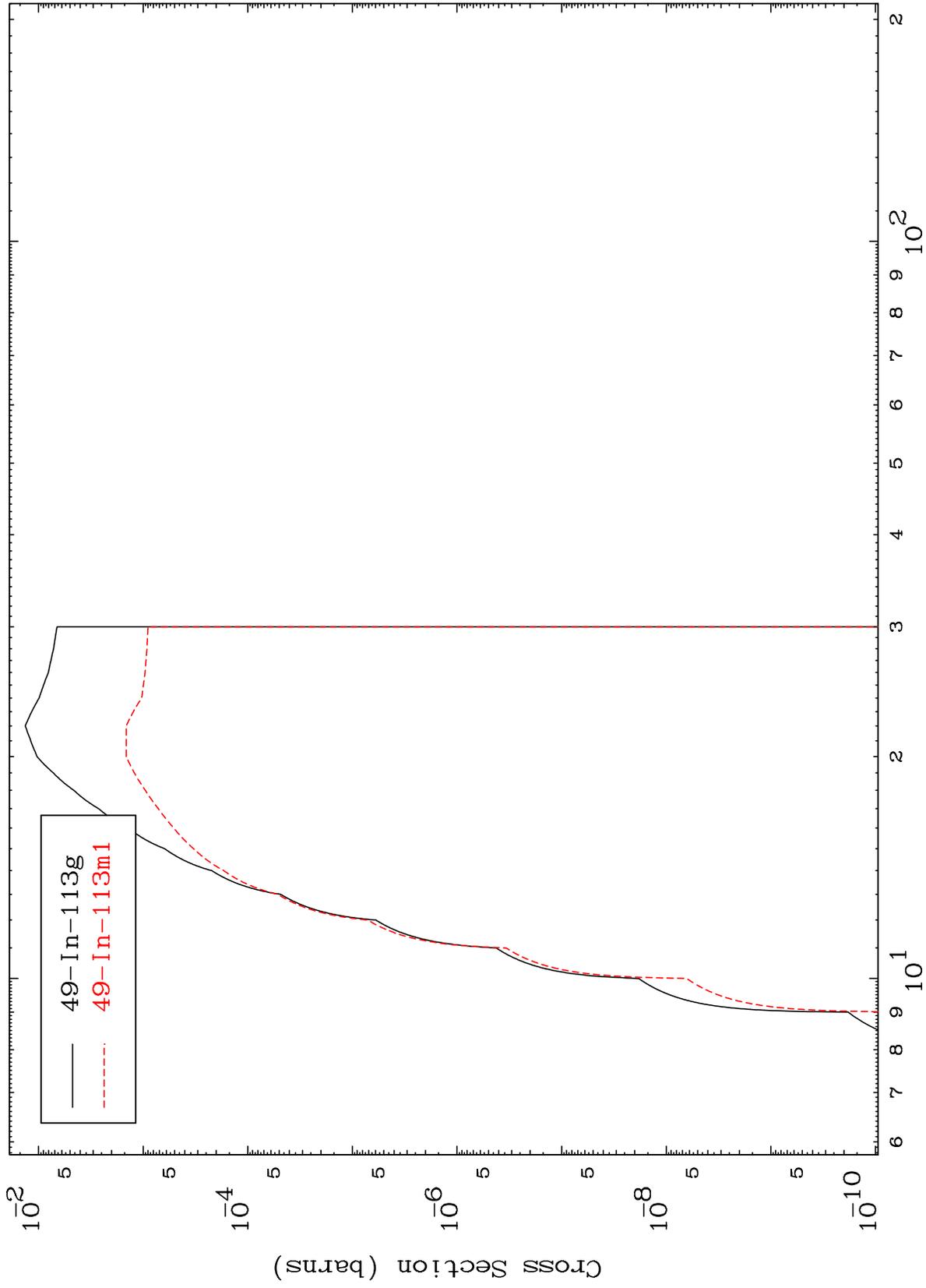
Incident Energy (MeV)

48-Cd-110

MAT 4837

48-Cd-110

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

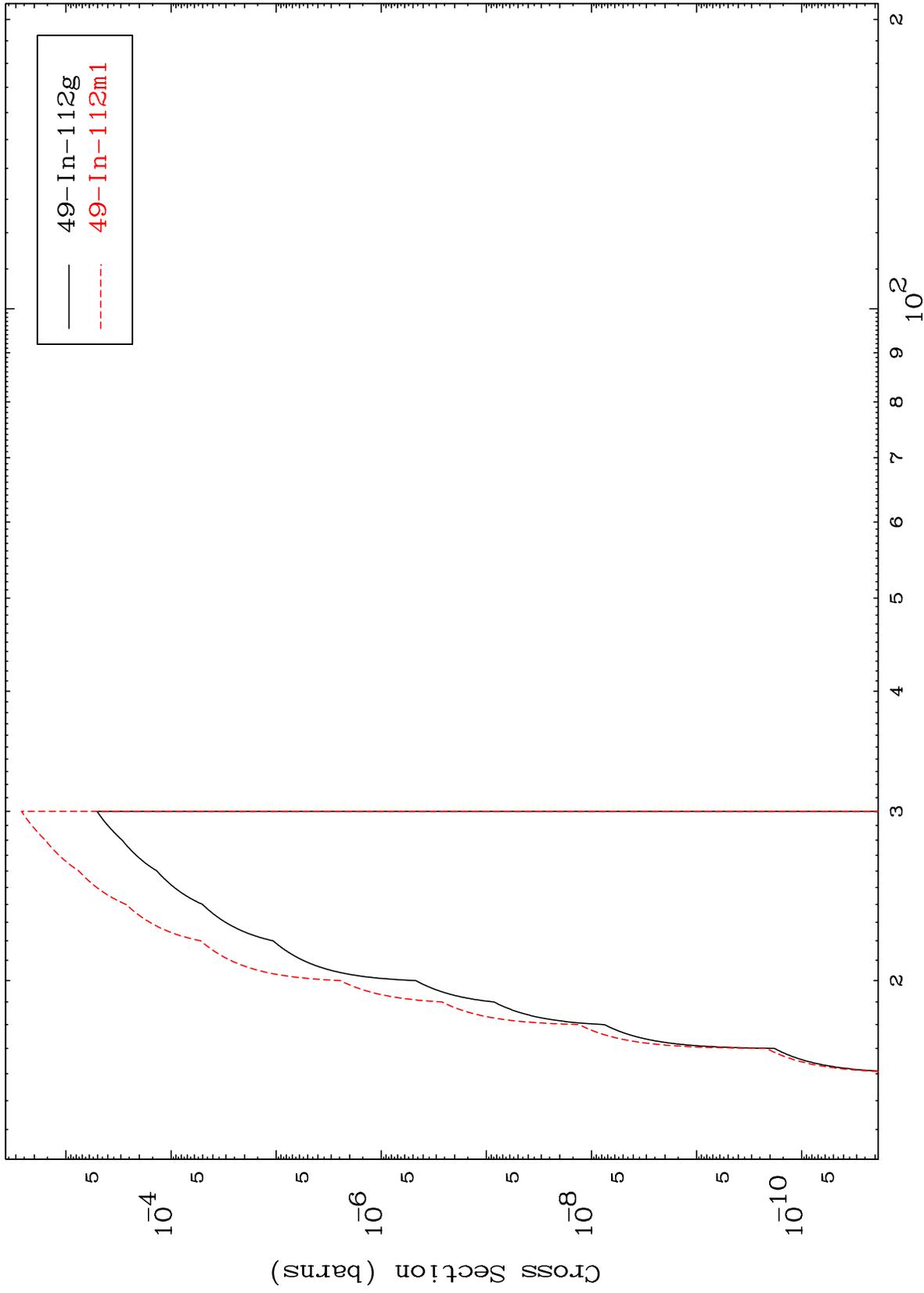
48-Cd-110

MAT 4837

(α, d)

48-Cd-110

Radionuclide Production Cross Section



18

Incident Energy (MeV)

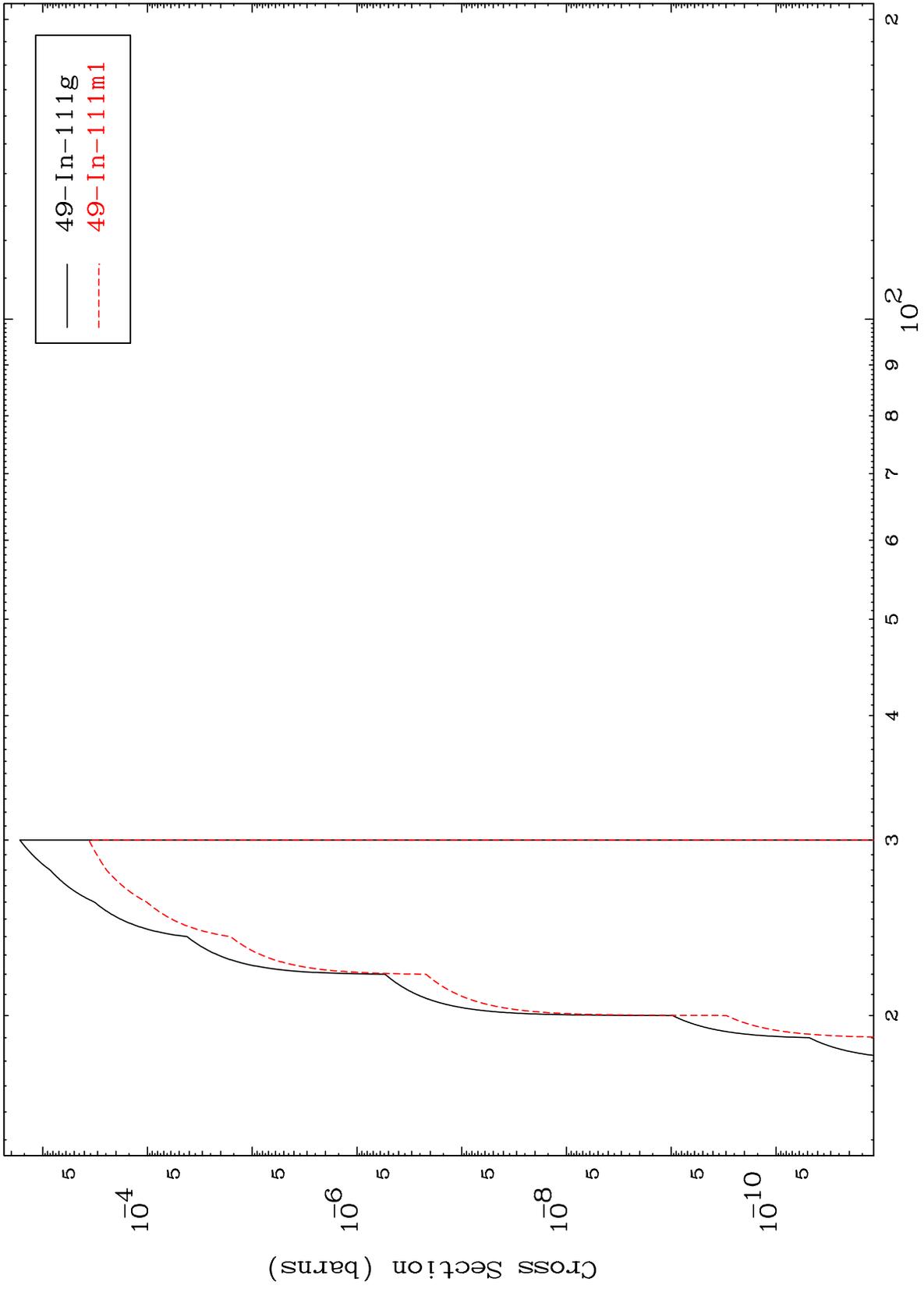
48-Cd-110

MAT 4837

(α, t)

48-Cd-110

Radionuclide Production Cross Section



19

Incident Energy (MeV)

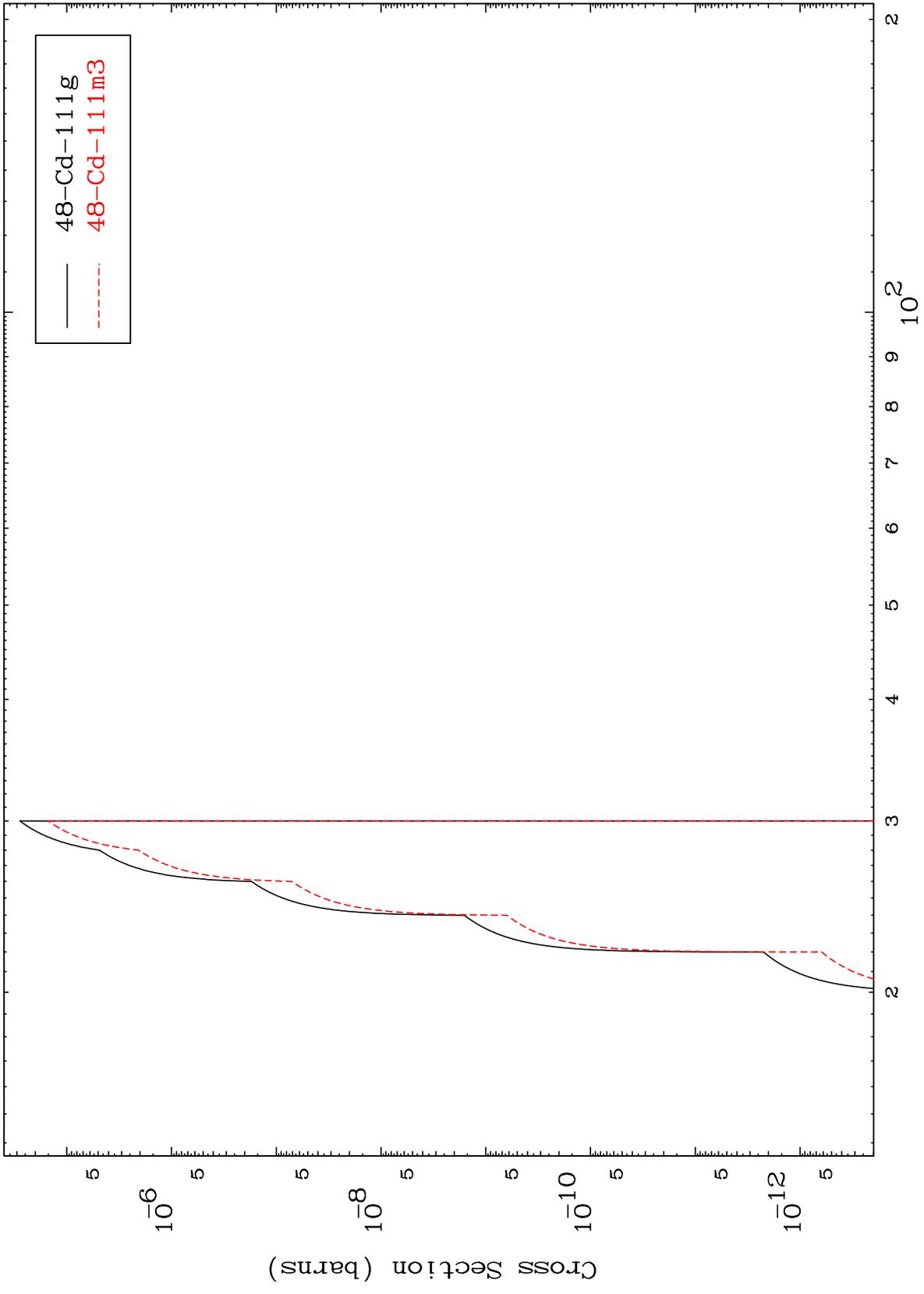
48-Cd-110

MAT 4837

($\alpha, \text{He-3}$)

48-Cd-110

Radionuclide Production Cross Section



20

Incident Energy (MeV)

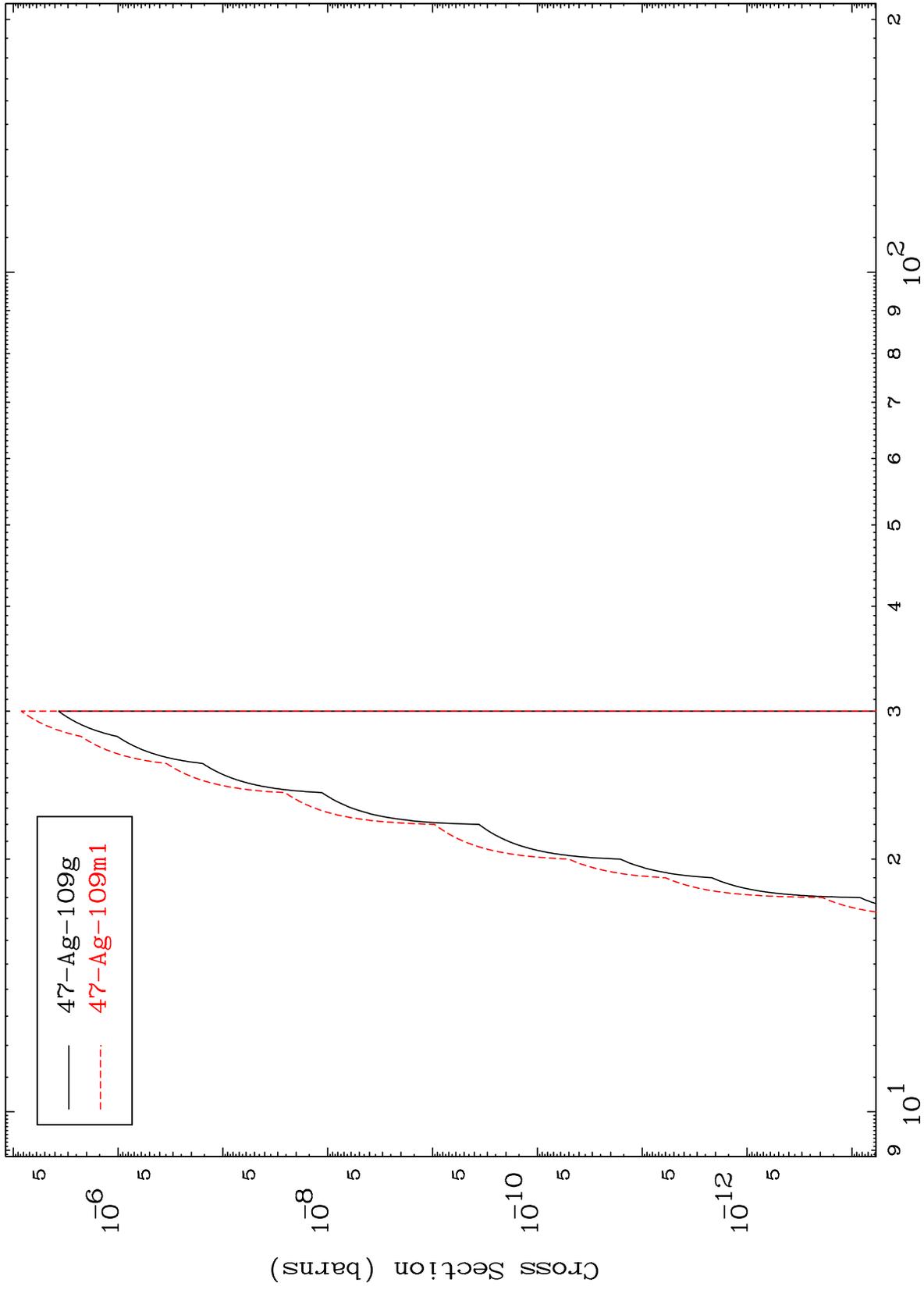
48-Cd-110

MAT 4837

(α, p) α

48-Cd-110

Radionuclide Production Cross Section



21

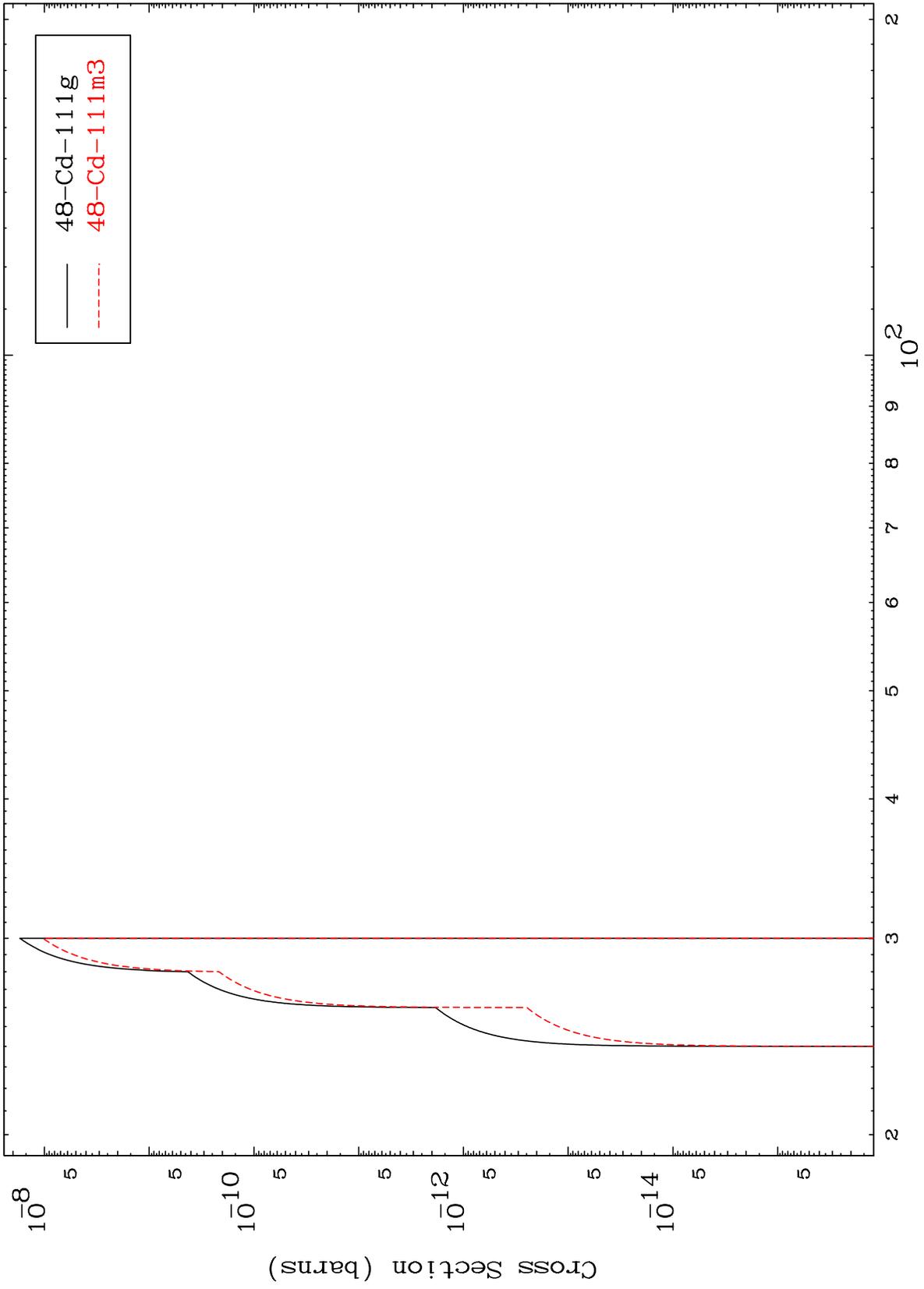
48-Cd-110

MAT 4837

(α, p) d

48-Cd-110

Radionuclide Production Cross Section



22

Incident Energy (MeV)

48-Cd-110