

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

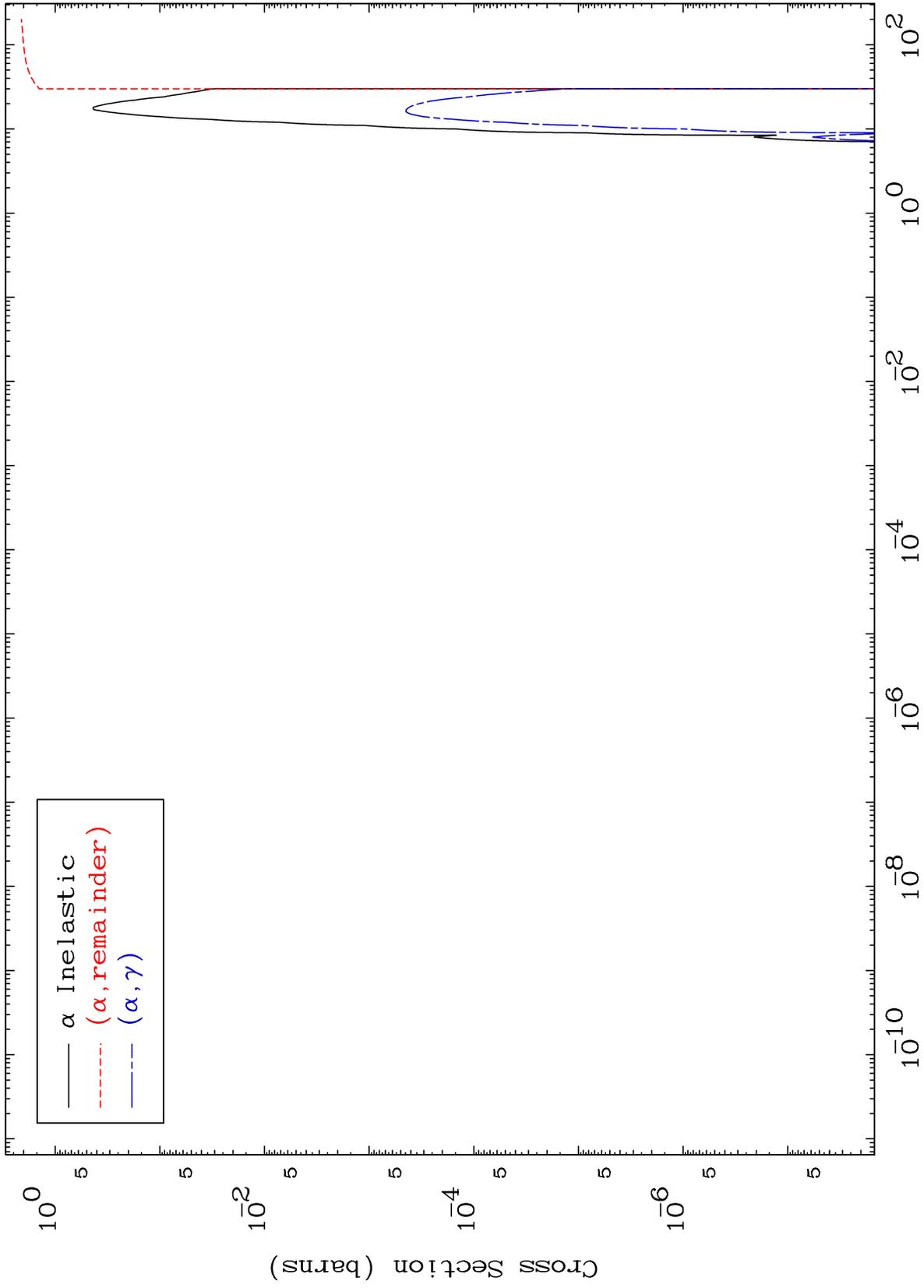
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4834

0 Kelvin α Major
Cross Sections

48-Cd-109



1

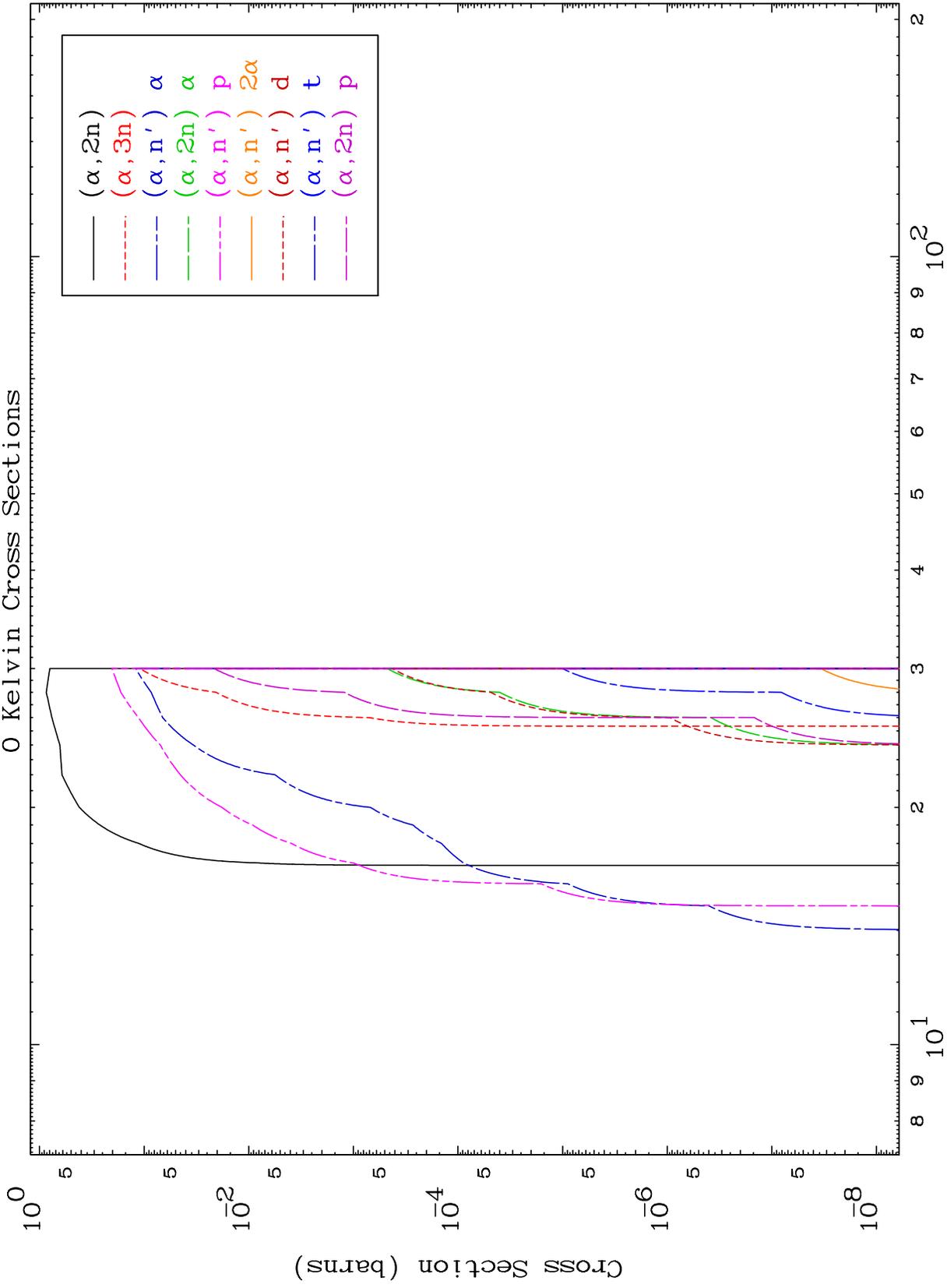
Incident Energy (MeV)

48-Cd-109

MAT 4834

α Neutron Production
0 Kelvin Cross Sections

48-Cd-109



2

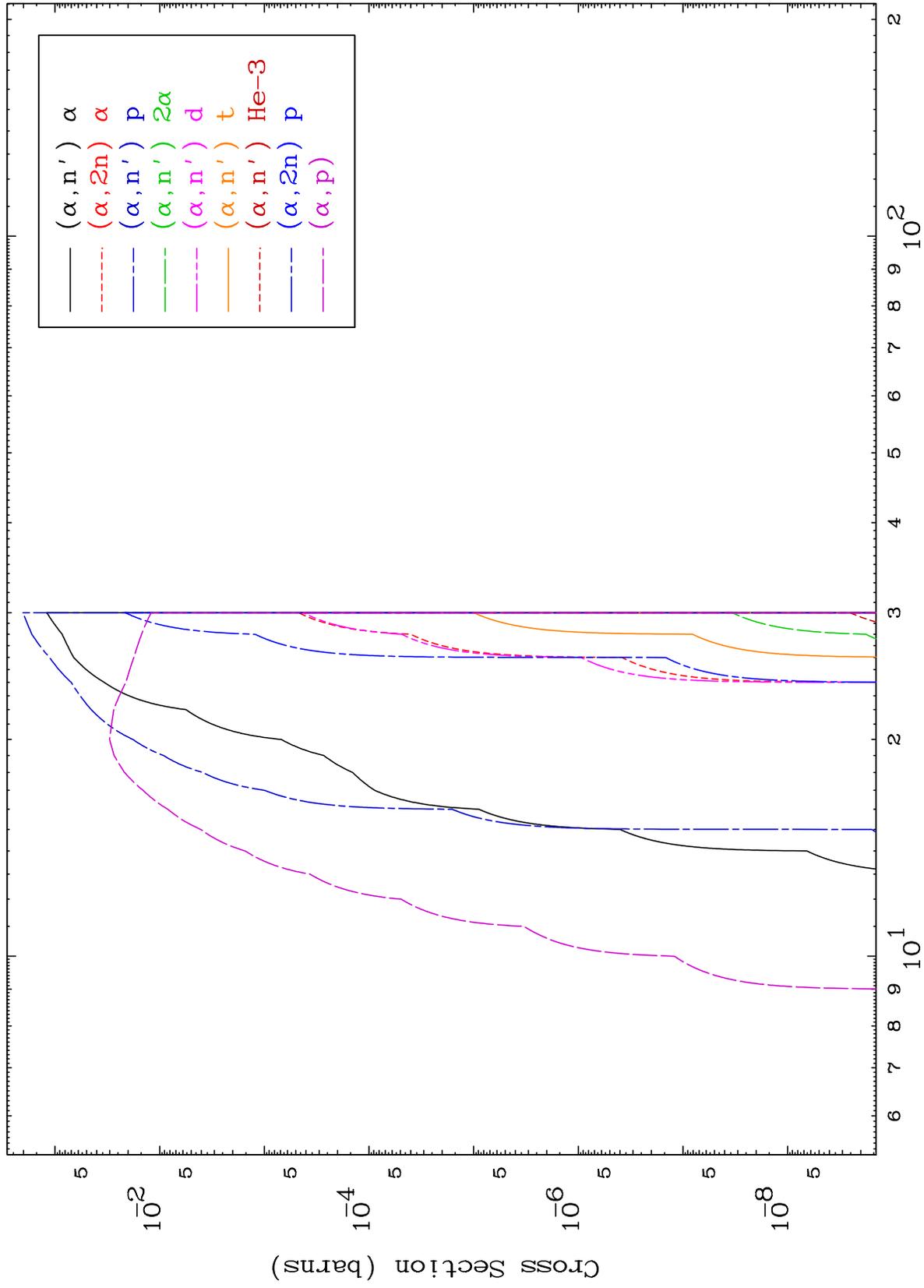
Incident Energy (MeV)

48-Cd-109

MAT 4834

α Charged Particle
0 Kelvin Cross Sections

48-Cd-109



3

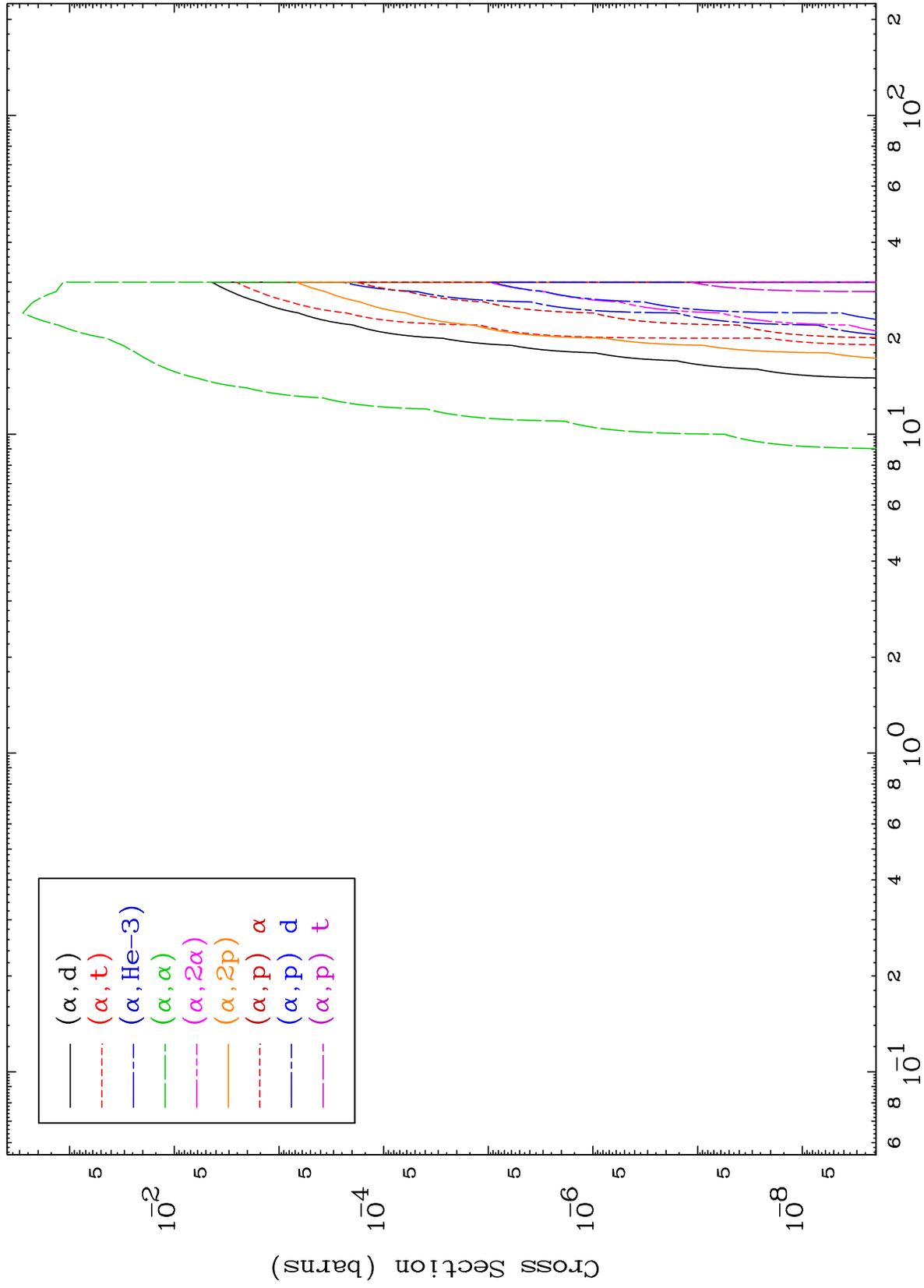
Incident Energy (MeV)

48-Cd-109

MAT 4834

α Charged Particle
0 Kelvin Cross Sections

48-Cd-109



4

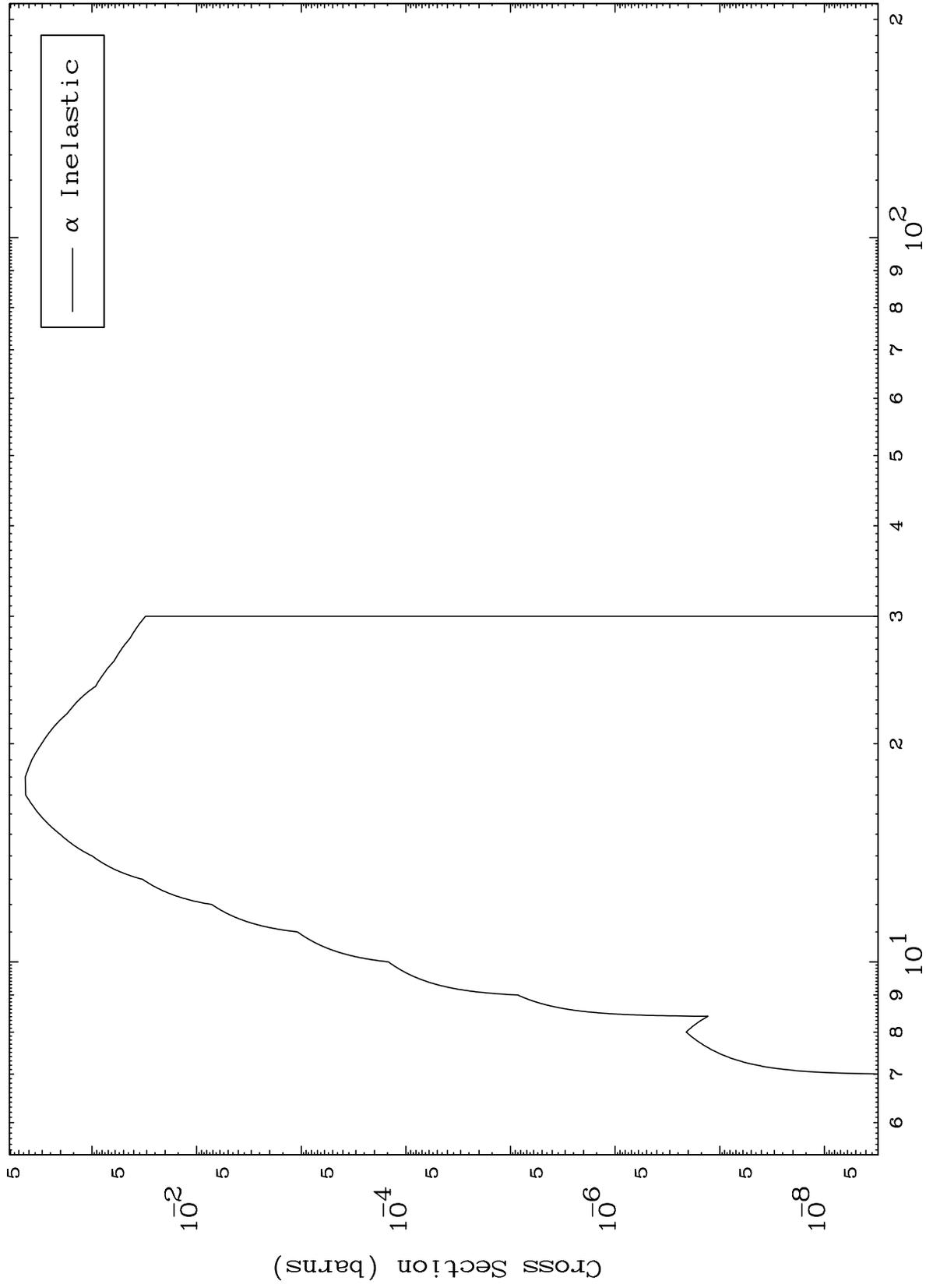
Incident Energy (MeV)

48-Cd-109

MAT 4834

(α, n') Level
0 Kelvin Cross Sections

48-Cd-109



5

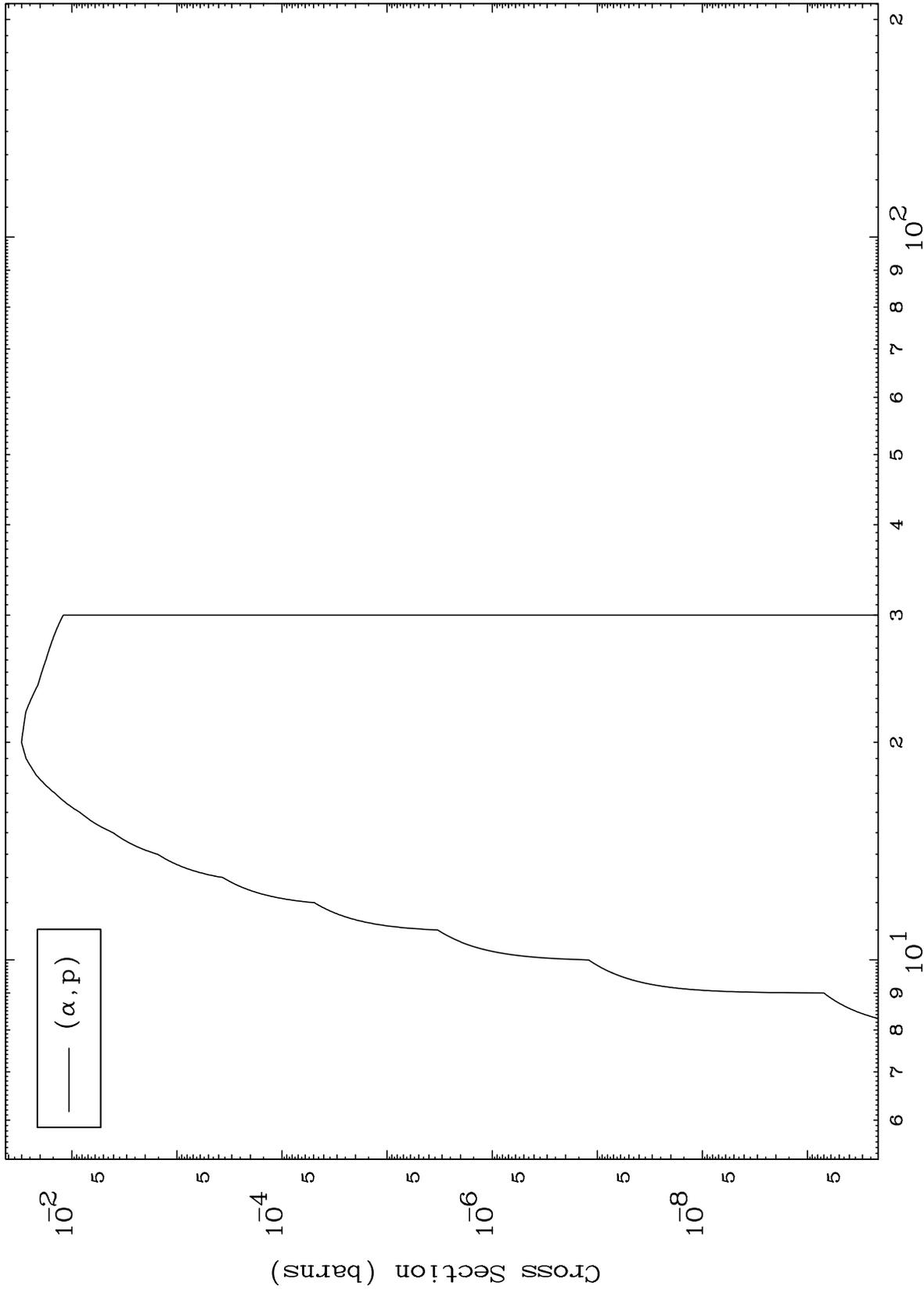
Incident Energy (MeV)

48-Cd-109

MAT 4834

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-109



6

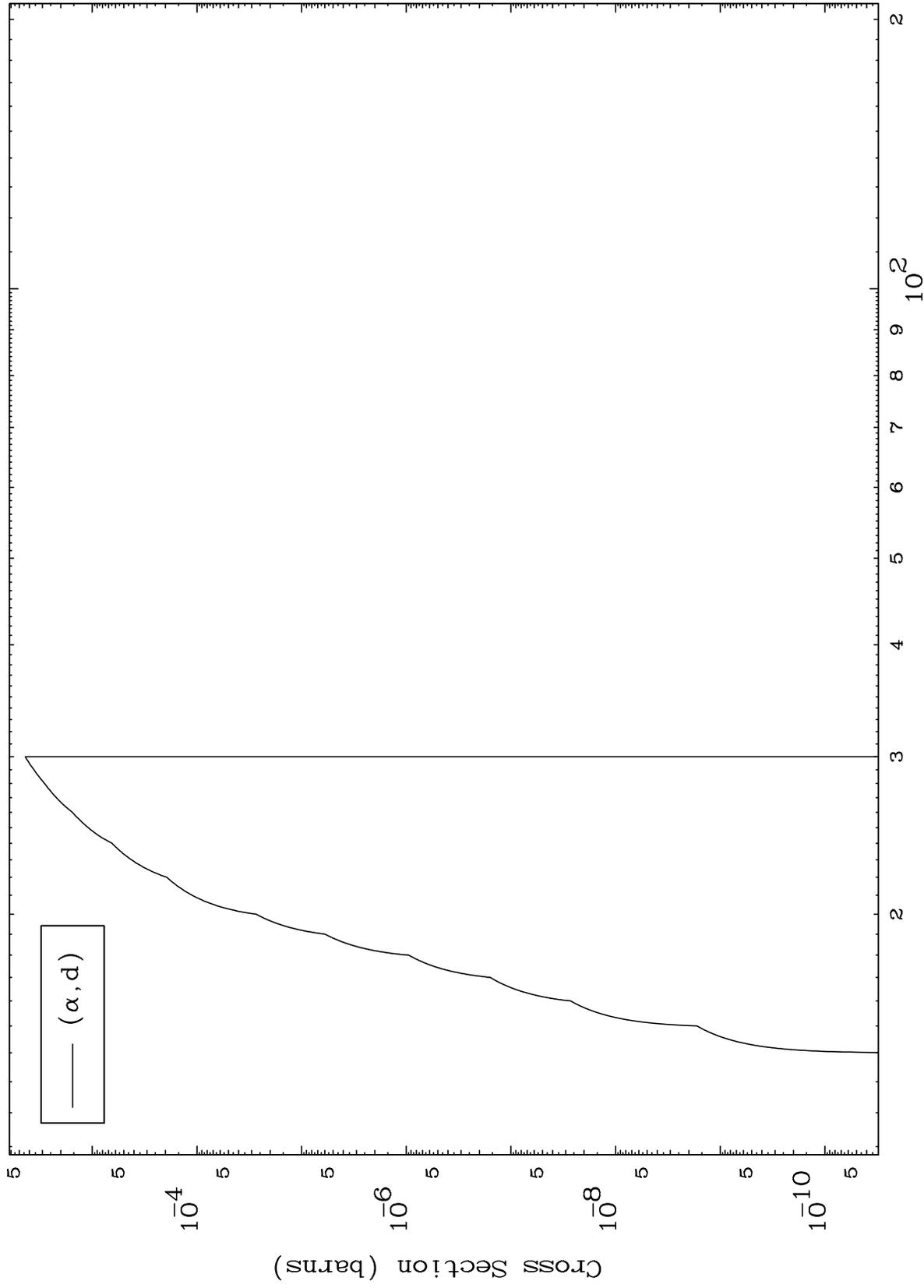
Incident Energy (MeV)

48-Cd-109

MAT 4834

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-109



7

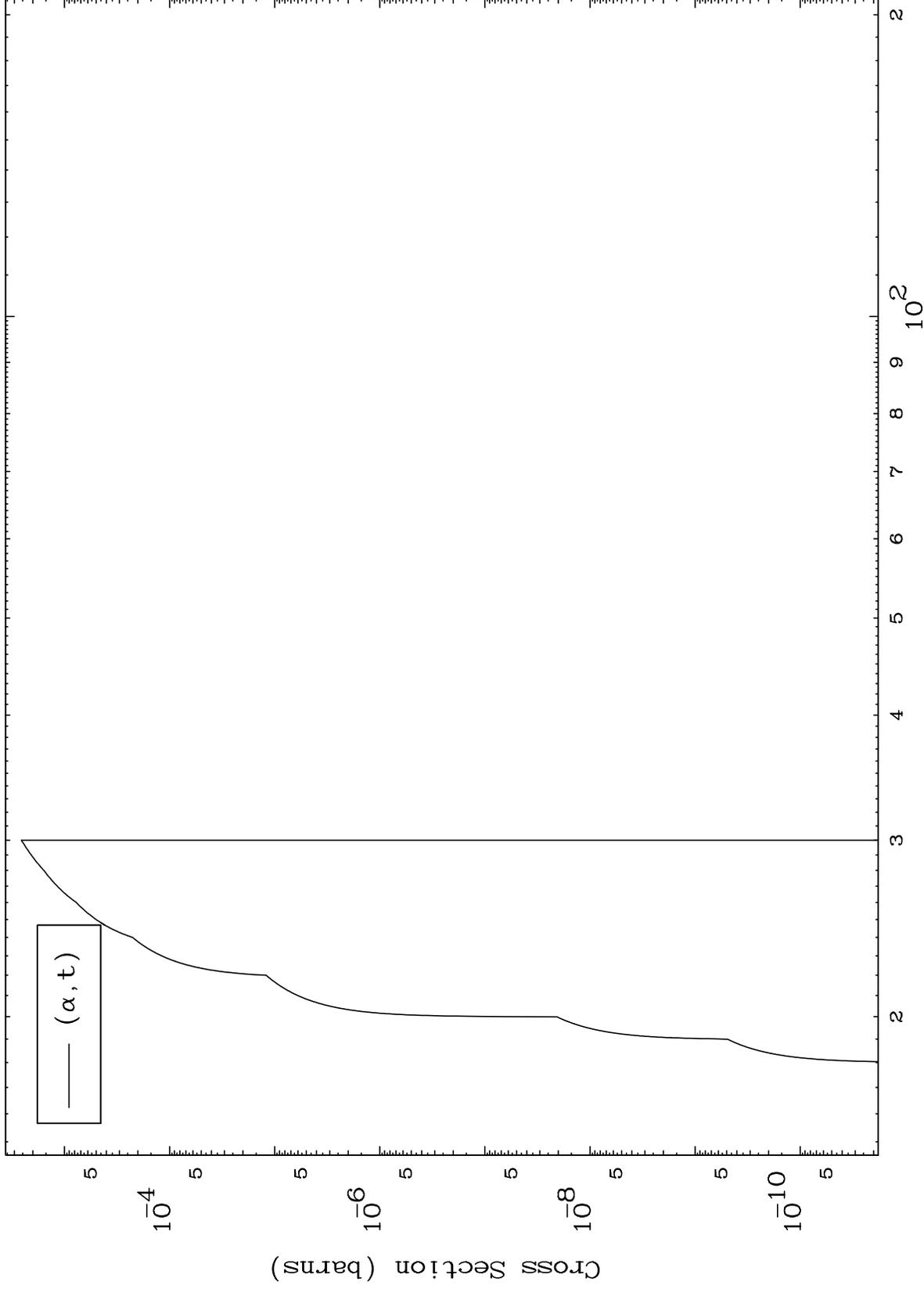
Incident Energy (MeV)

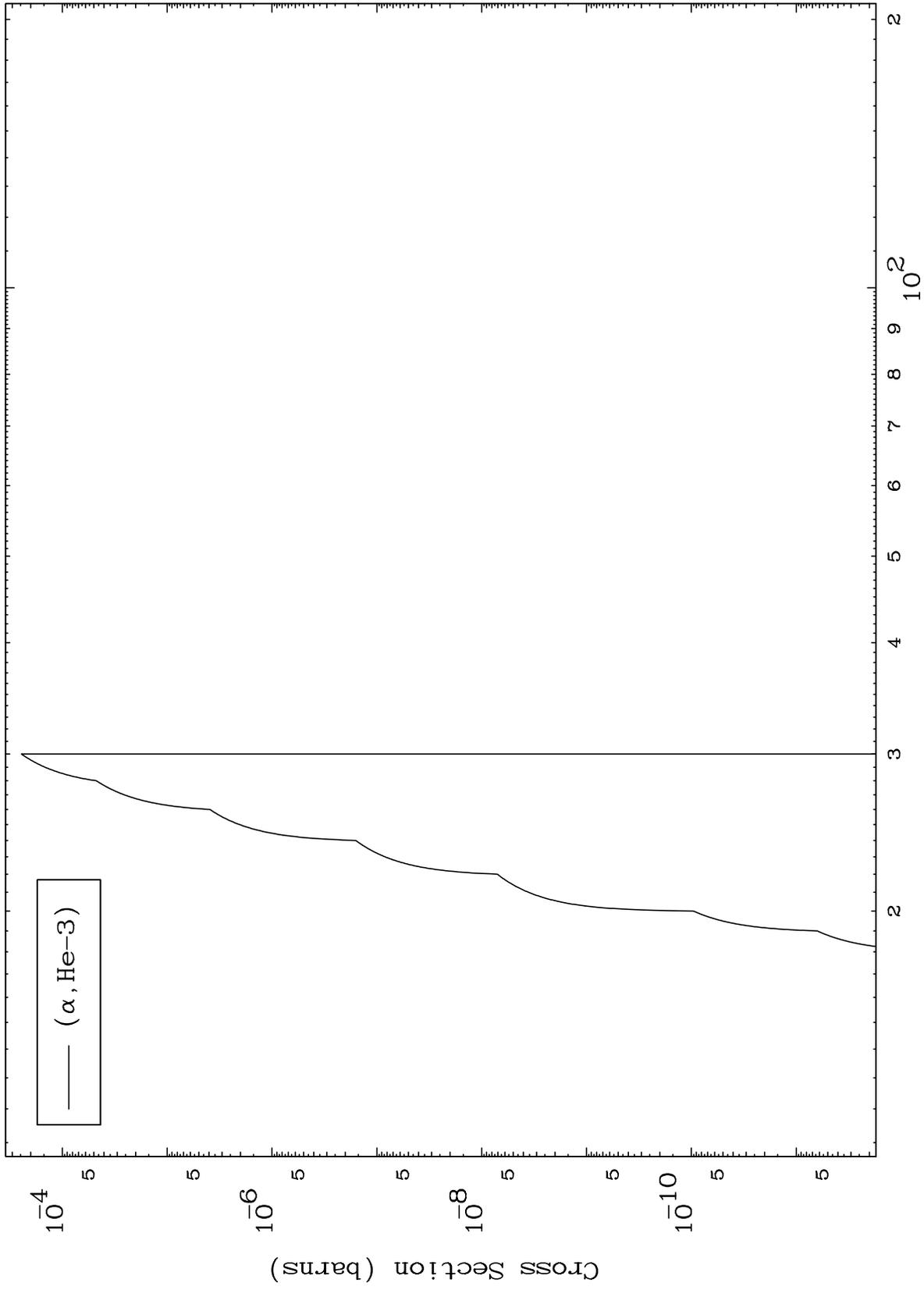
48-Cd-109

MAT 4834

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-109

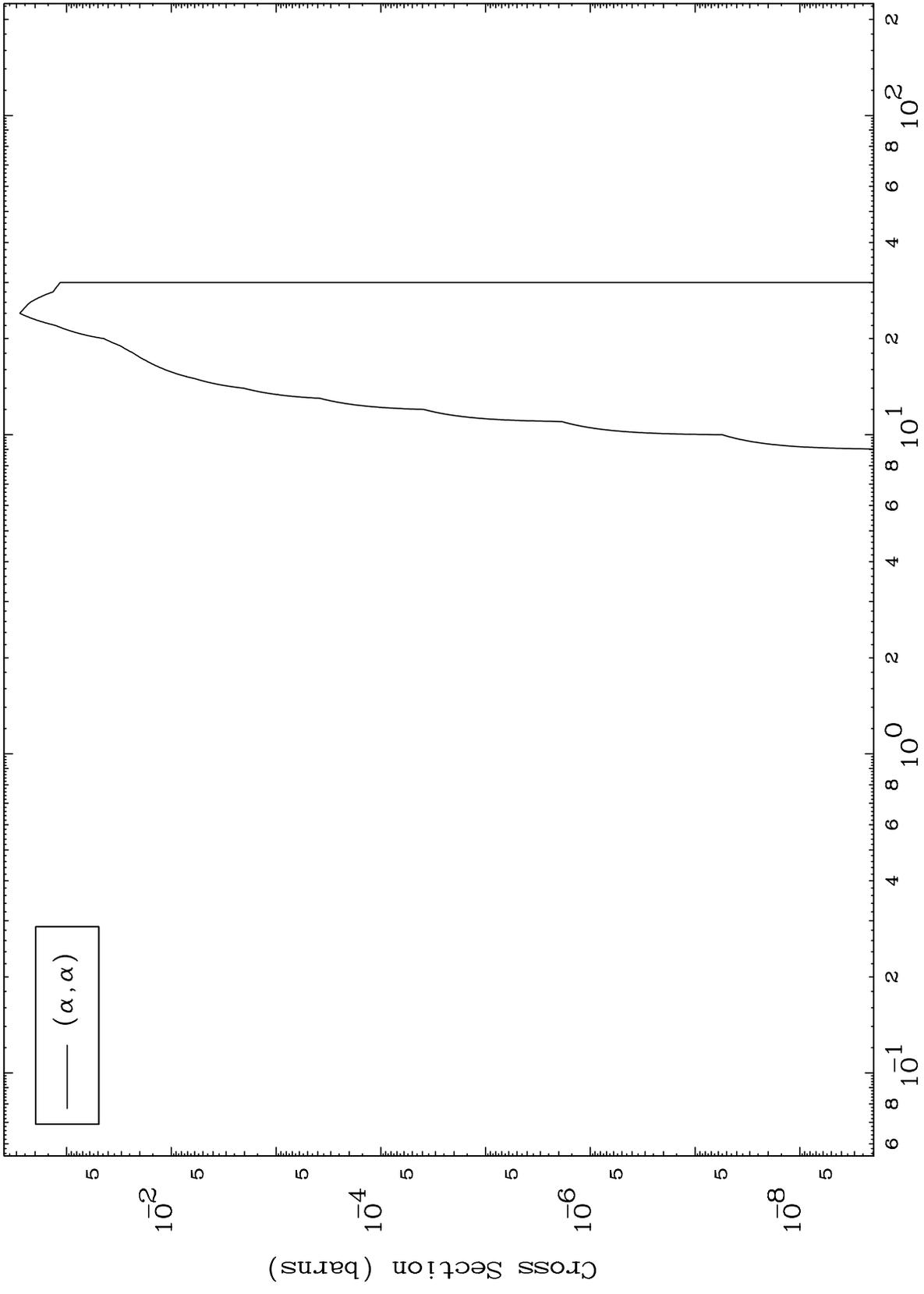




MAT 4834

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-109



10

Incident Energy (MeV)

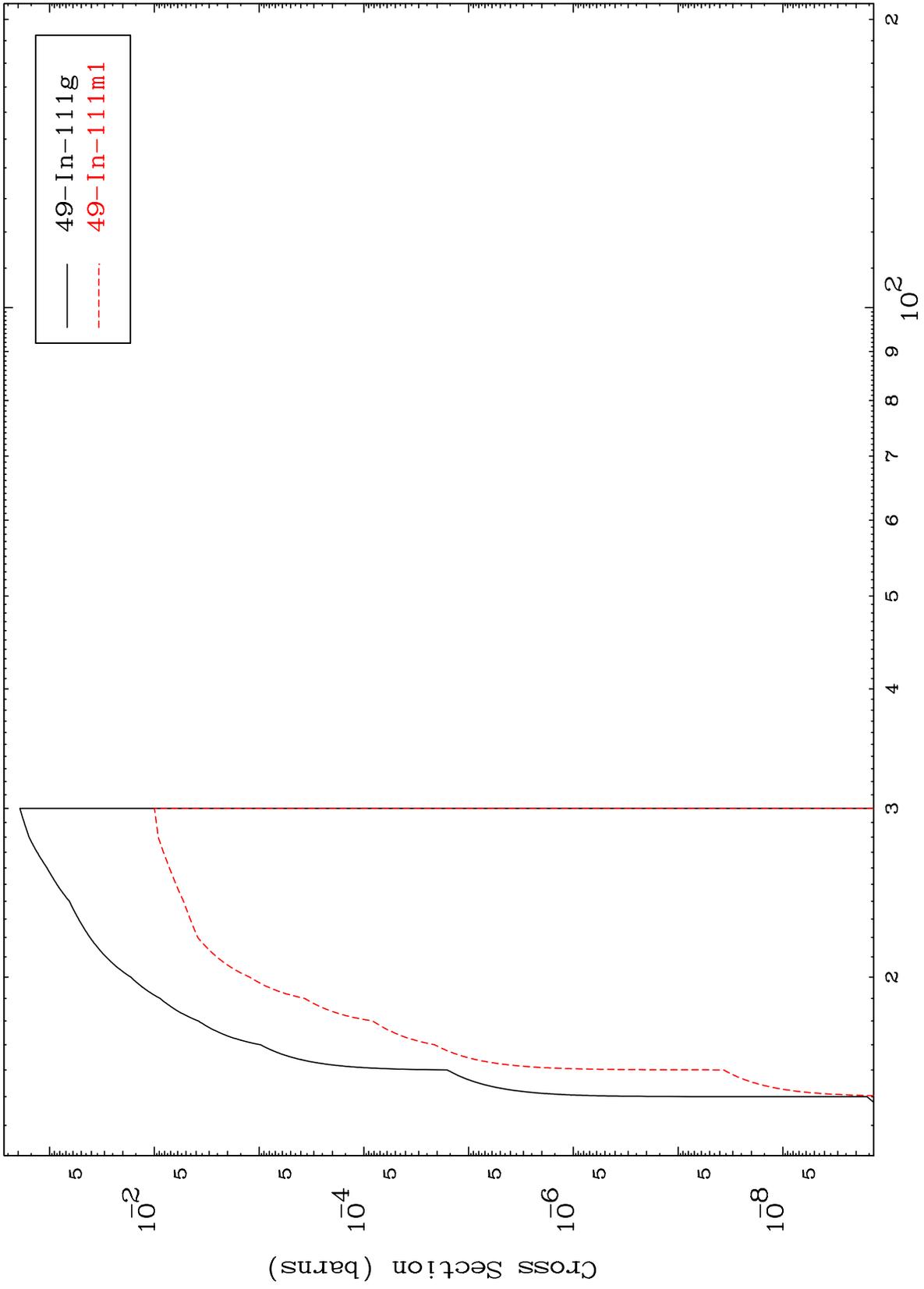
48-Cd-109

MAT 4834

(α, n') p

48-Cd-109

Radionuclide Production Cross Section



11

Incident Energy (MeV)

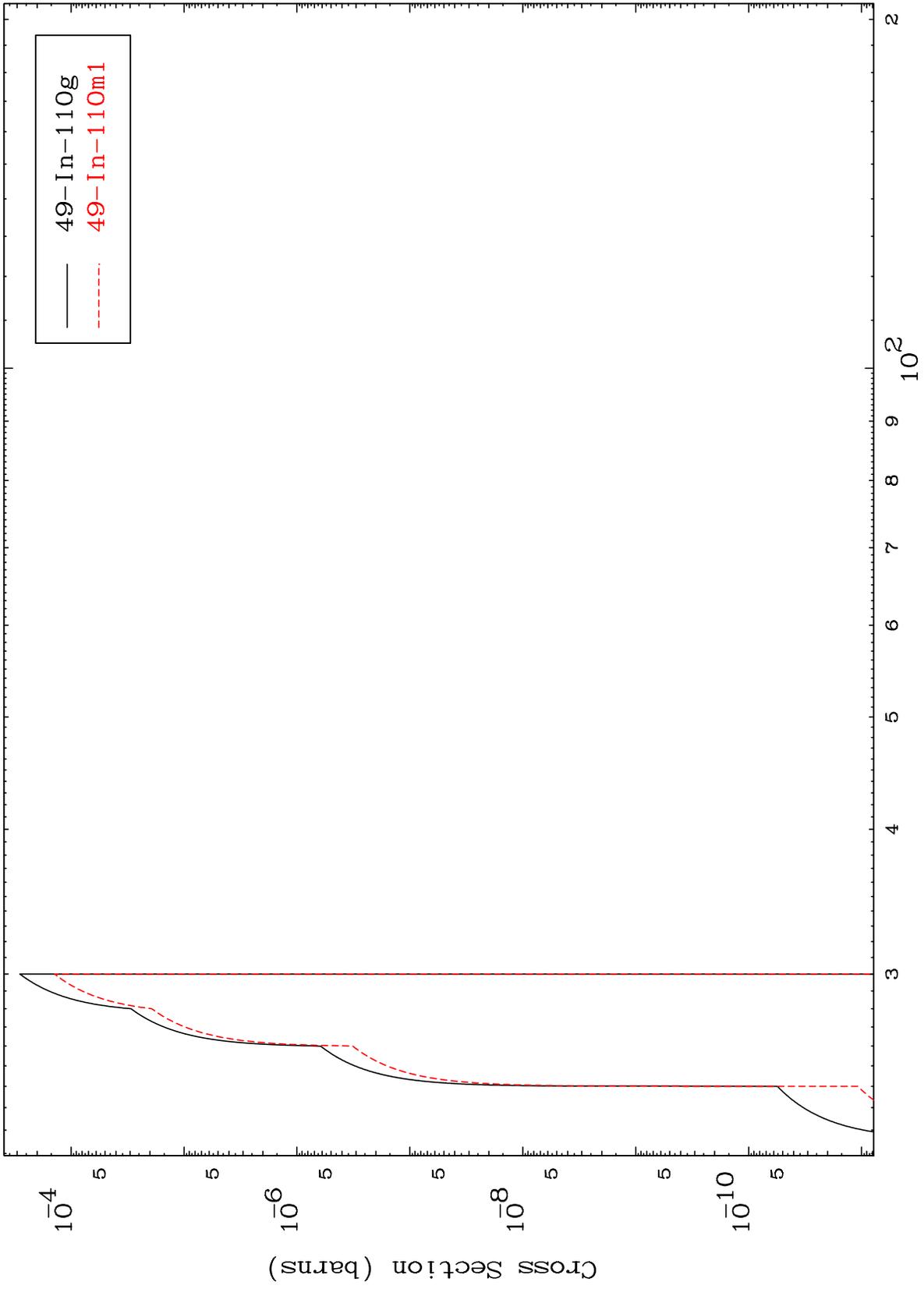
48-Cd-109

MAT 4834

(α, n') d

48-Cd-109

Radionuclide Production Cross Section



12

Incident Energy (MeV)

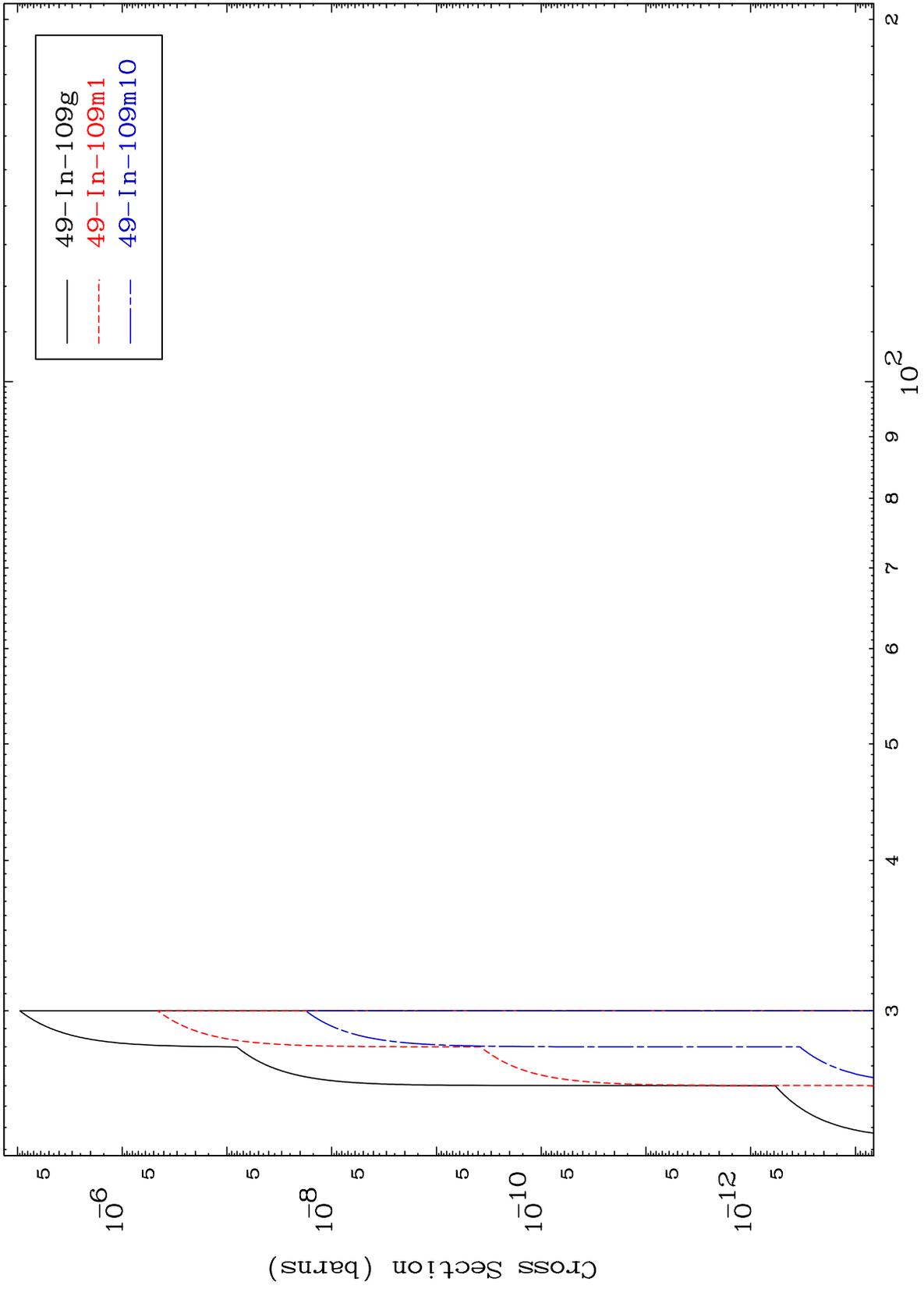
48-Cd-109

MAT 4834

(α, n') t

48-Cd-109

Radionuclide Production Cross Section



13

Incident Energy (MeV)

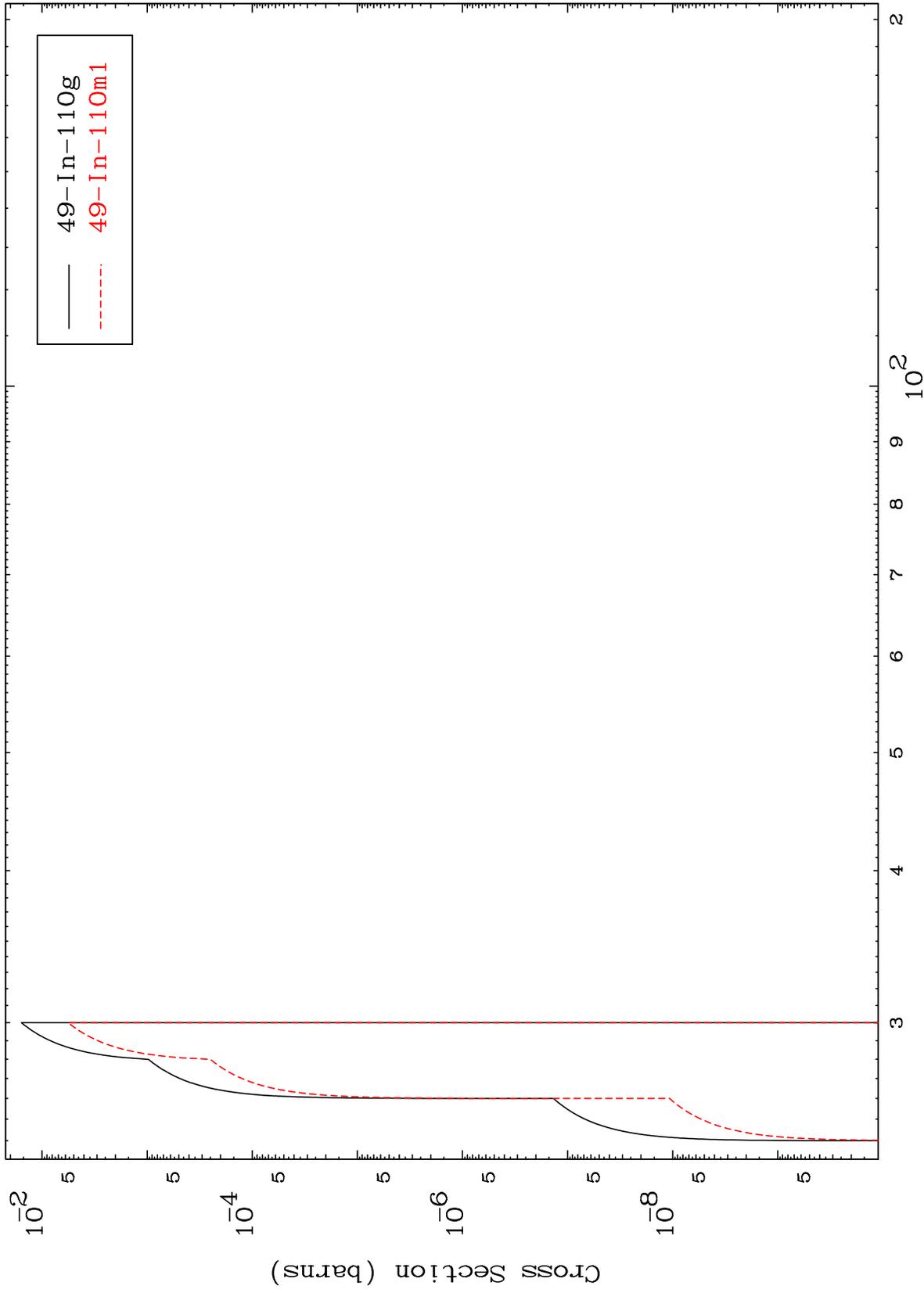
48-Cd-109

MAT 4834

($\alpha, 2n$) p

48-Cd-109

Radionuclide Production Cross Section



14

Incident Energy (MeV)

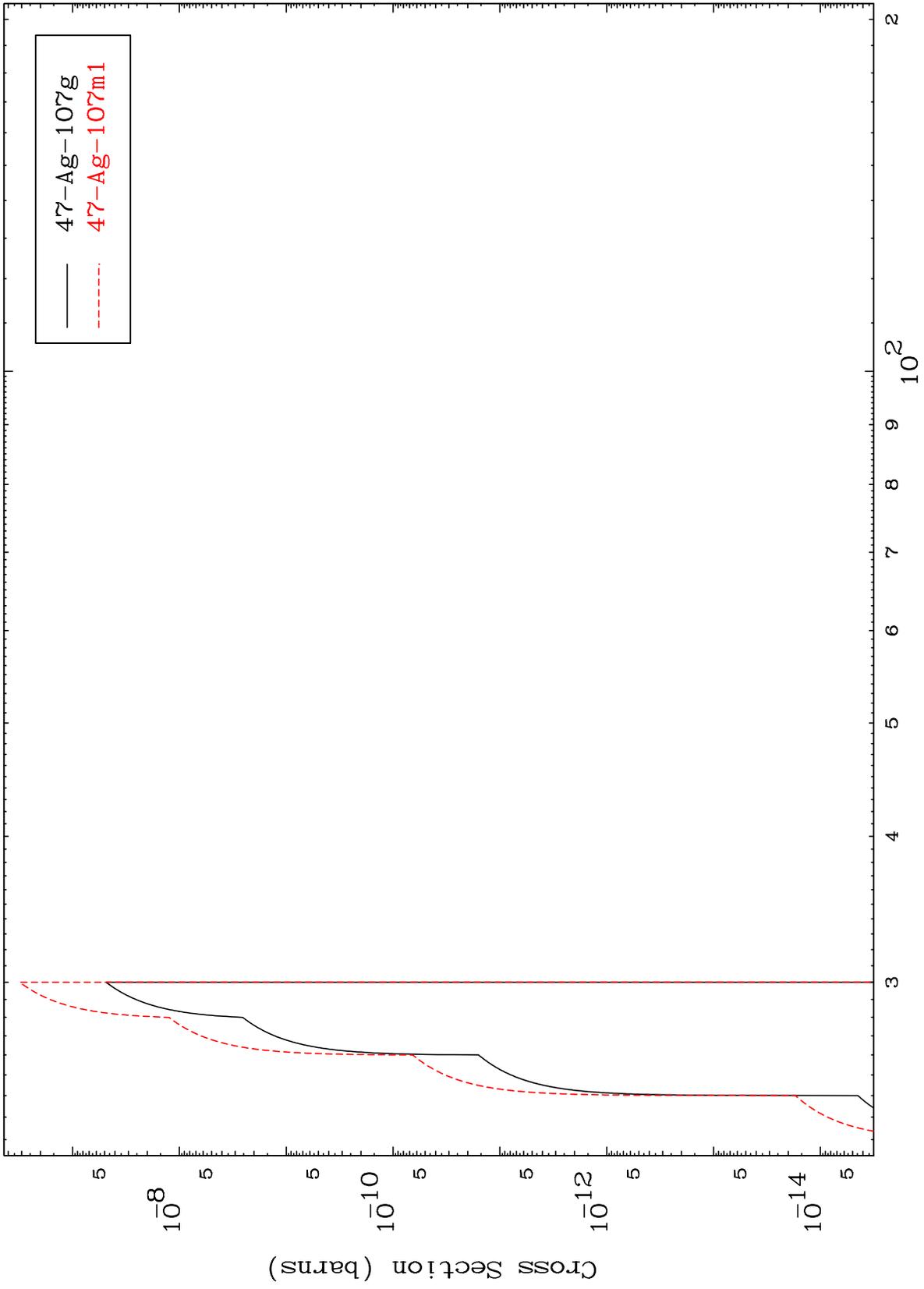
48-Cd-109

MAT 4834

(α, n') p α

48-Cd-109

Radionuclide Production Cross Section



15

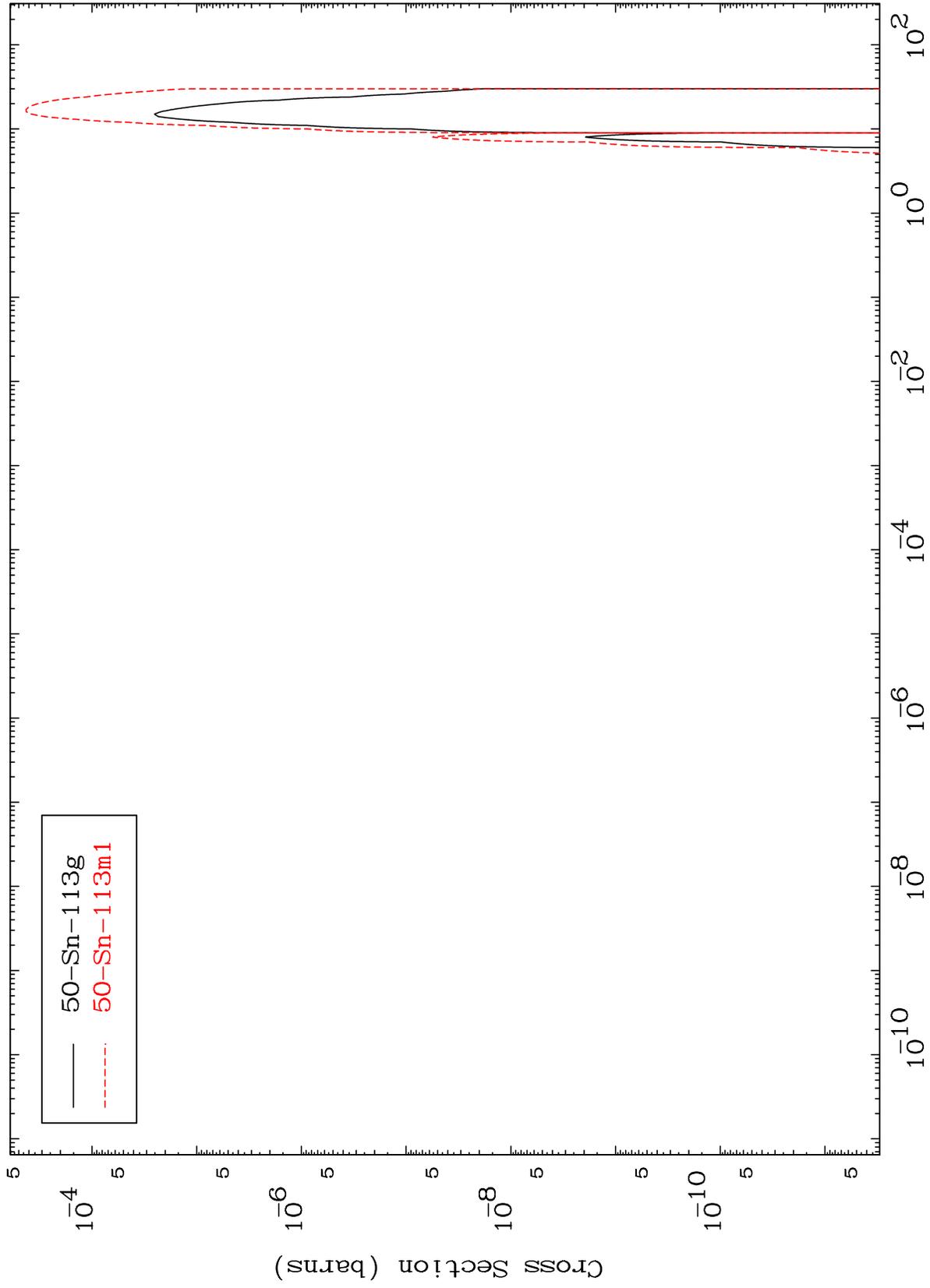
Incident Energy (MeV)

48-Cd-109

MAT 4834

(α, γ)
Radionuclide Production Cross Section

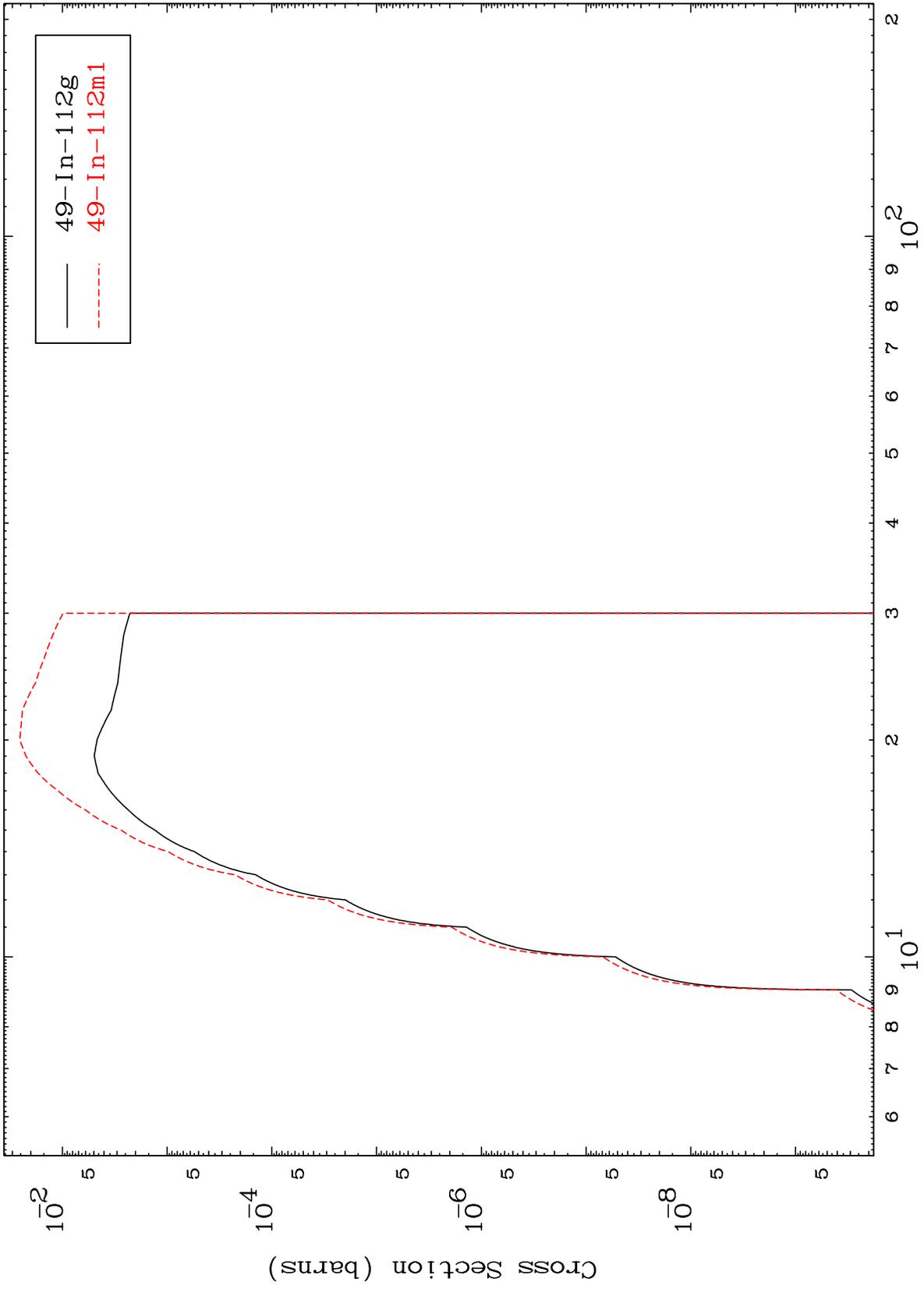
48-Cd-109



MAT 4834

48-Cd-109

Radionuclide Production Cross Section
(α, p)



17

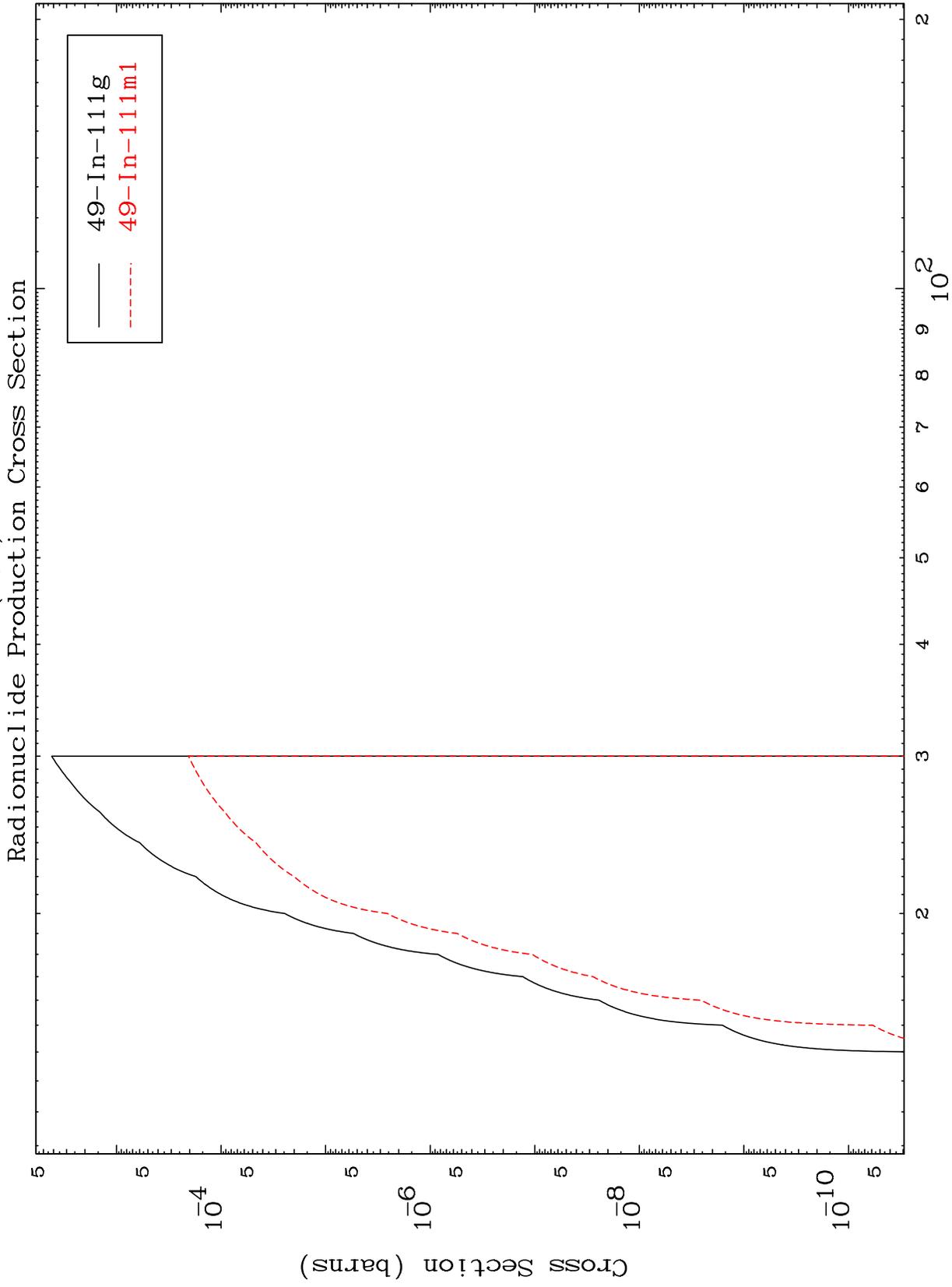
Incident Energy (MeV)

48-Cd-109

MAT 4834

(α, d)

48-Cd-109



18

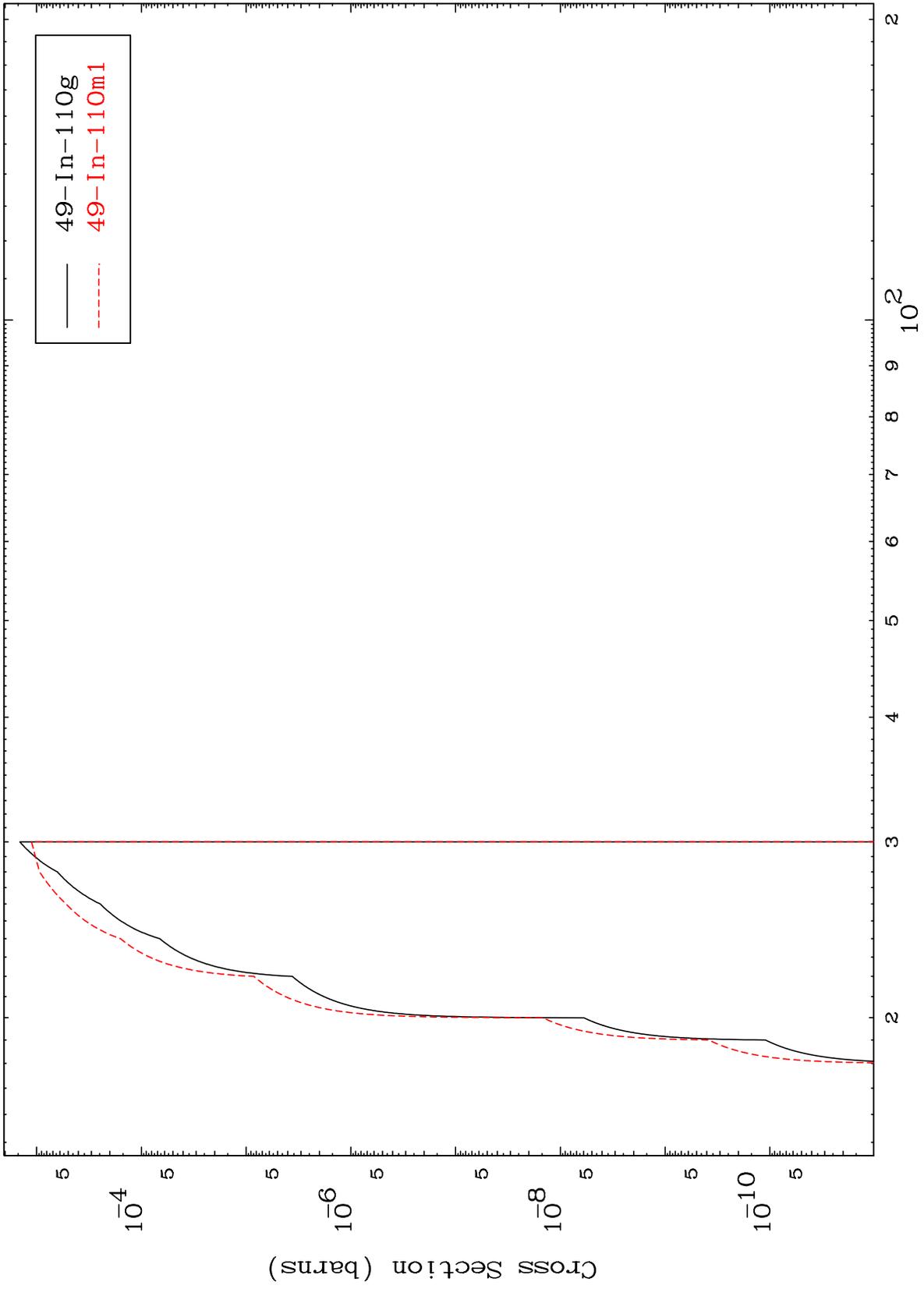
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

(α, t)
Radionuclide Production Cross Section



19

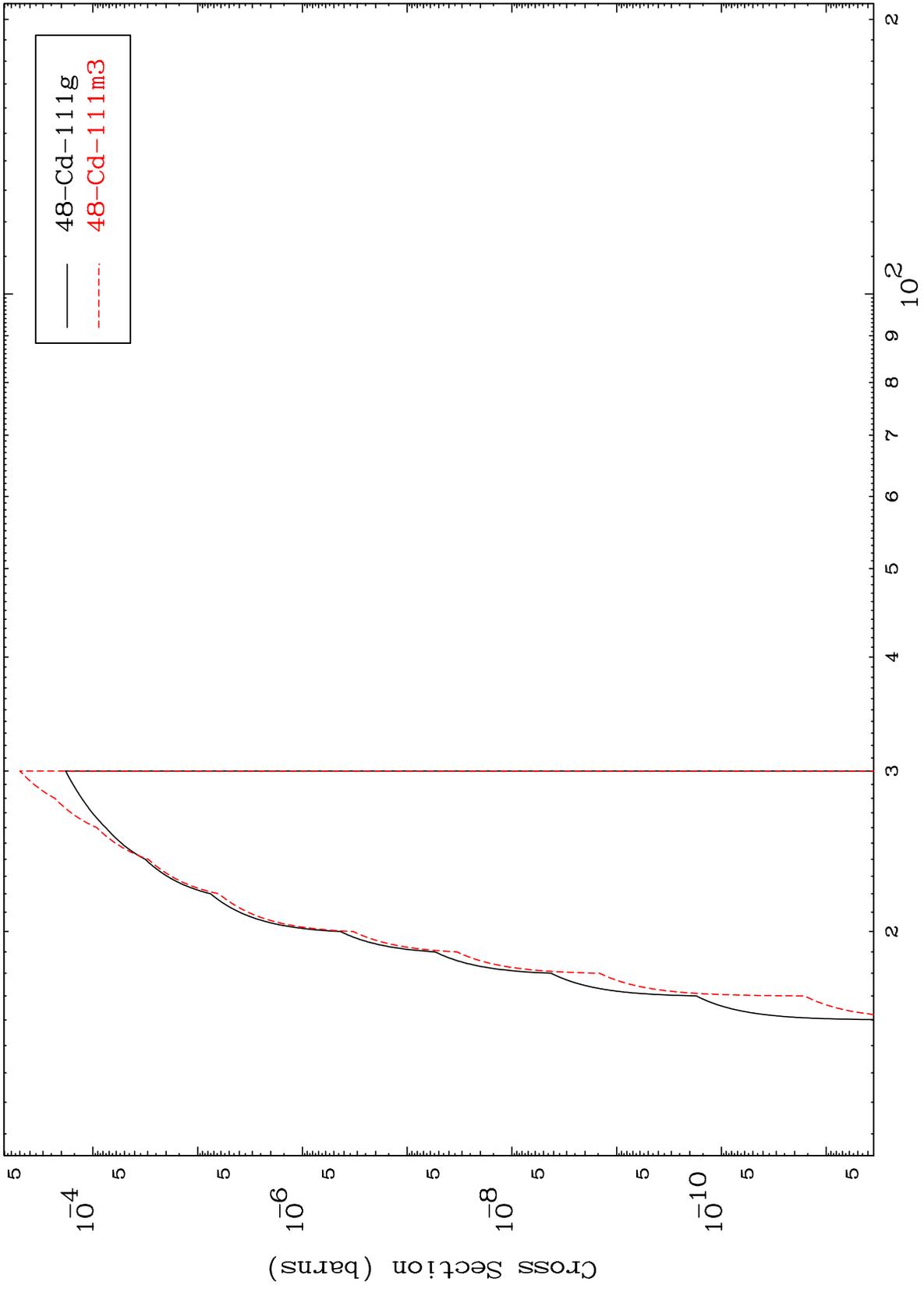
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

Radionuclide Production Cross Section
($\alpha, 2p$)



20

Incident Energy (MeV)

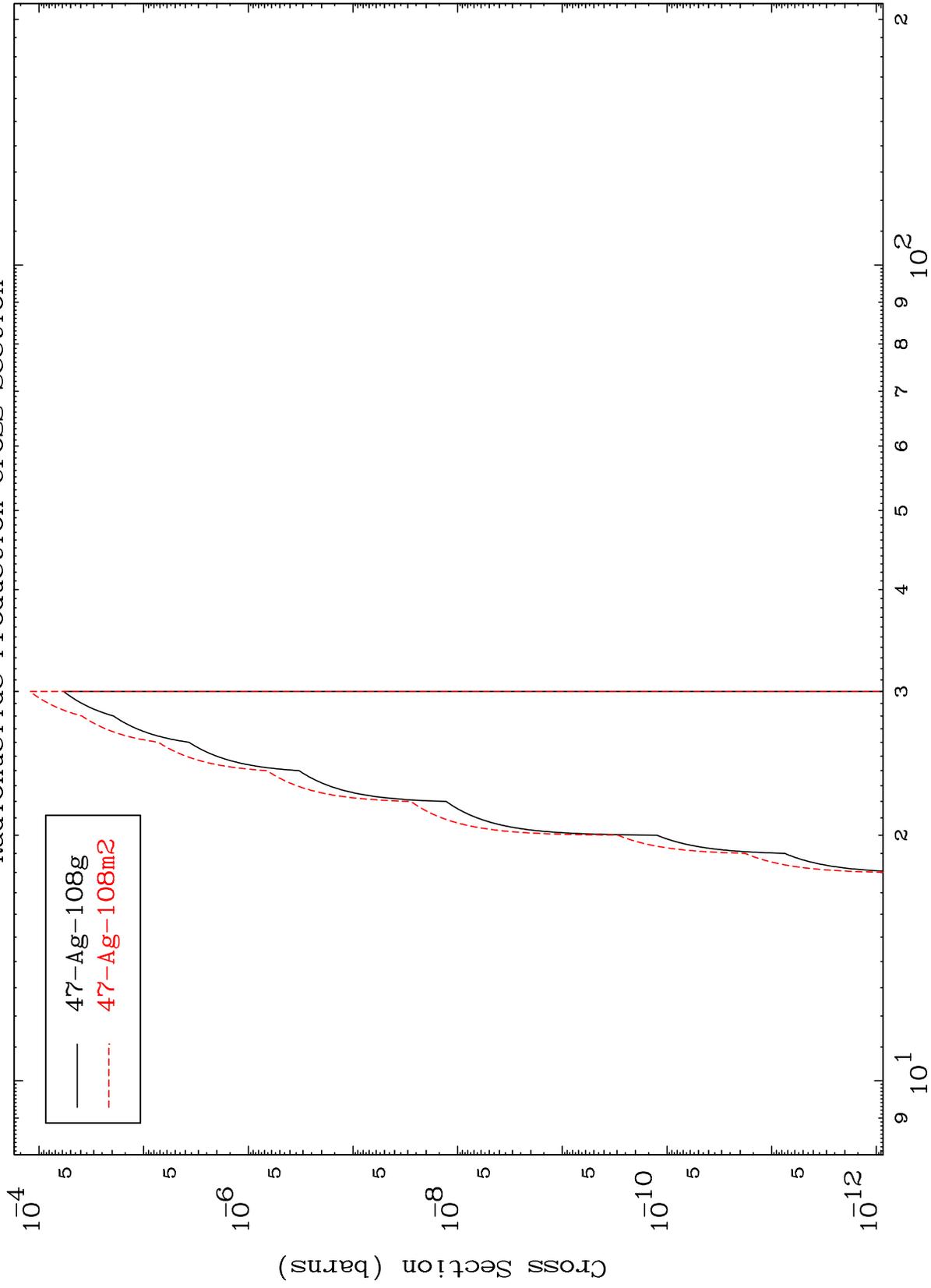
48-Cd-109

MAT 4834

(α, p) α

48-Cd-109

Radionuclide Production Cross Section



21

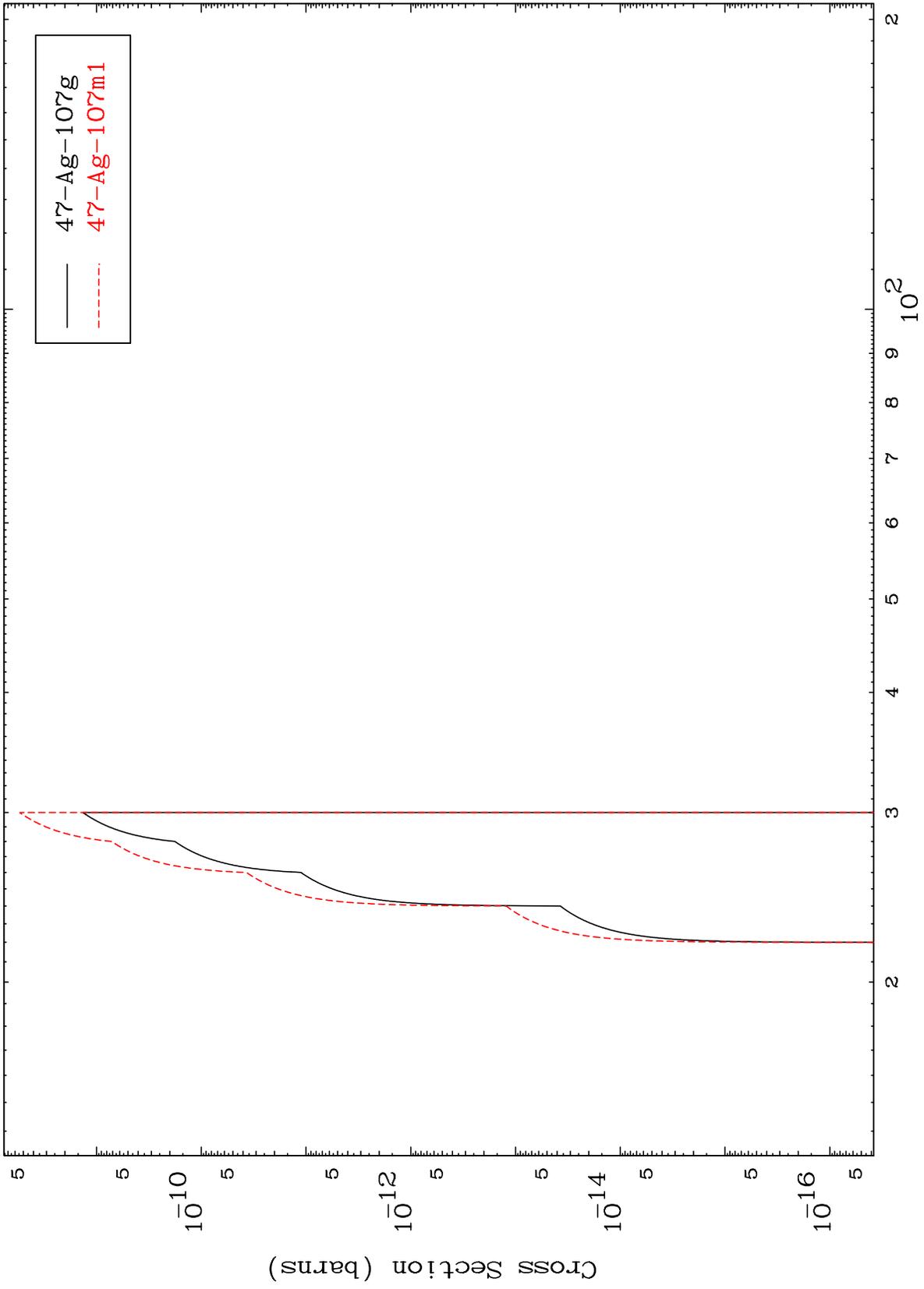
48-Cd-109

MAT 4834

(α, d) α

48-Cd-109

Radionuclide Production Cross Section



22

Incident Energy (MeV)

48-Cd-109