

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

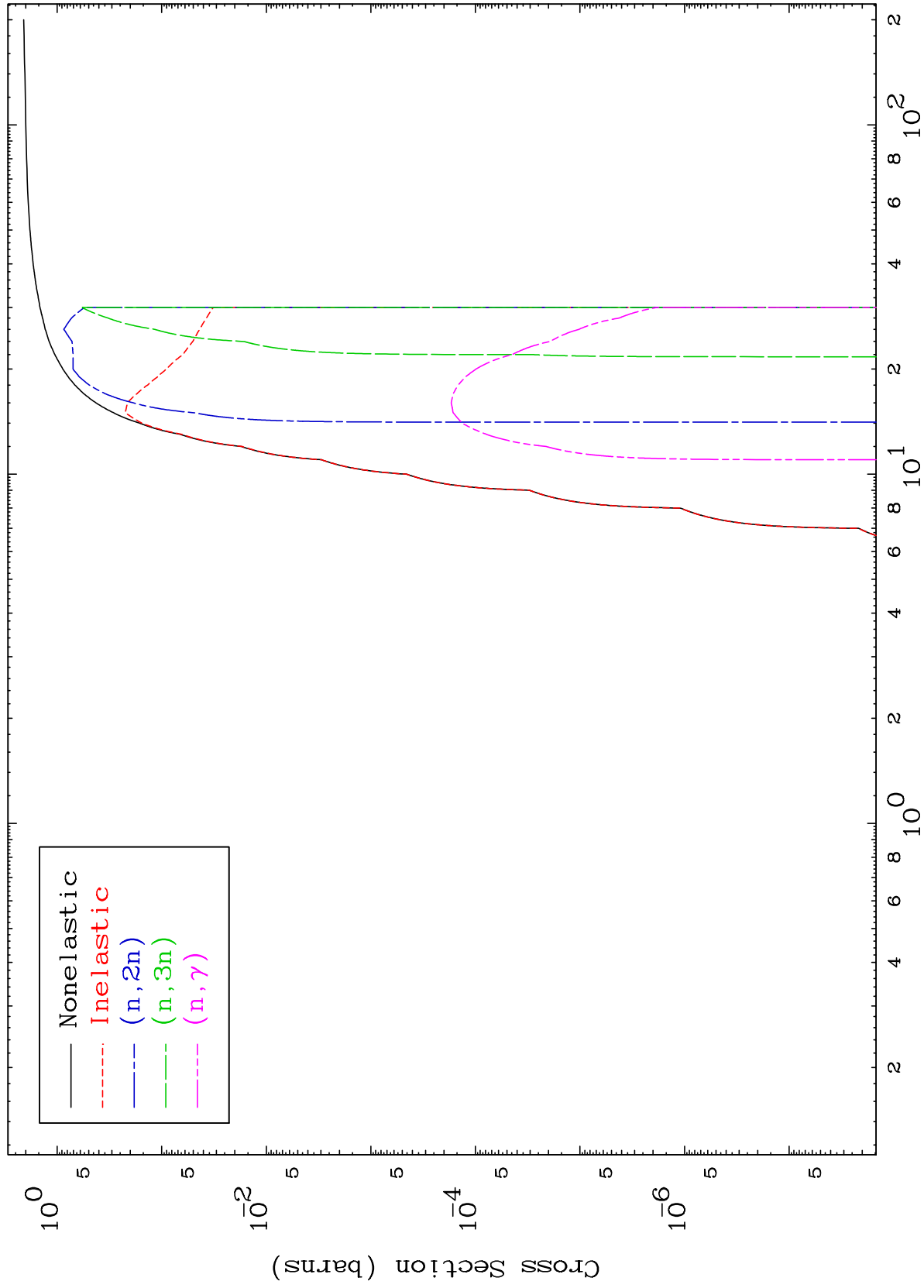
Press Mouse Button to Start

MAT 4640

α Major

0 Kelvin Cross Sections

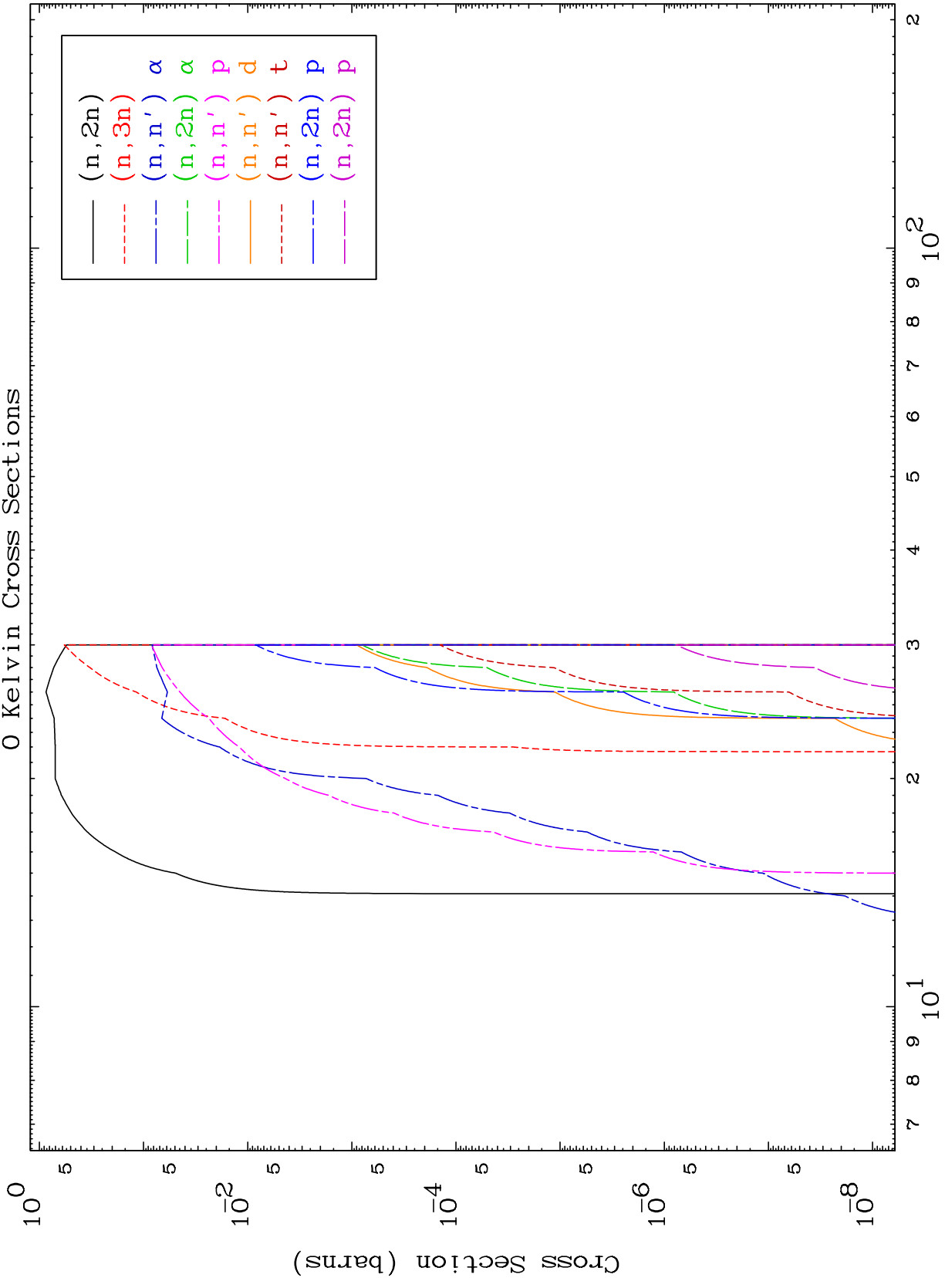
46-Pd-107



MAT 4640

α Neutron Absorption
0 Kelvin Cross Sections

46-Pd-107



2

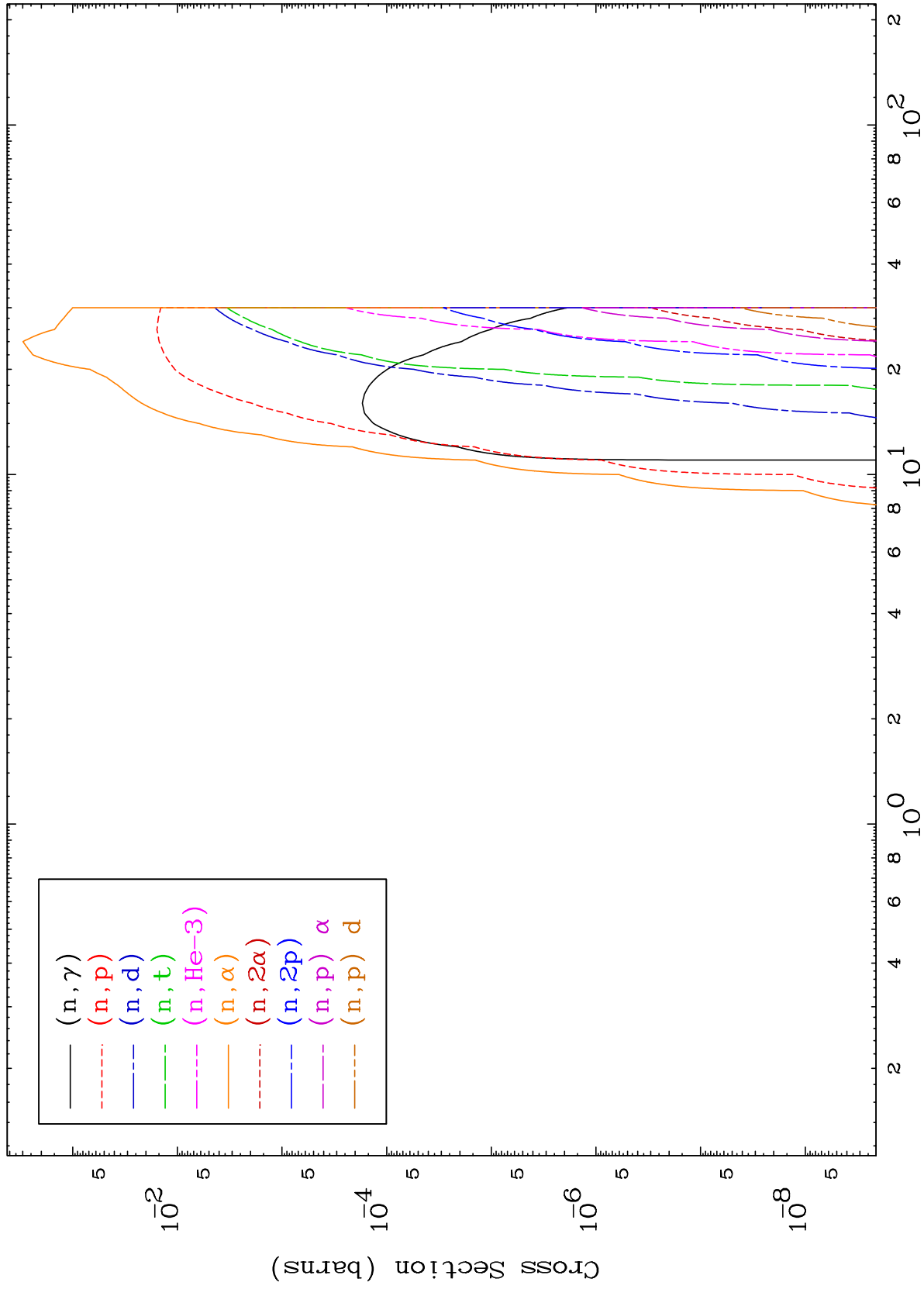
Incident Energy (MeV)

46-Pd-107

MAT 4640

α Neutron Absorption
0 Kelvin Cross Sections

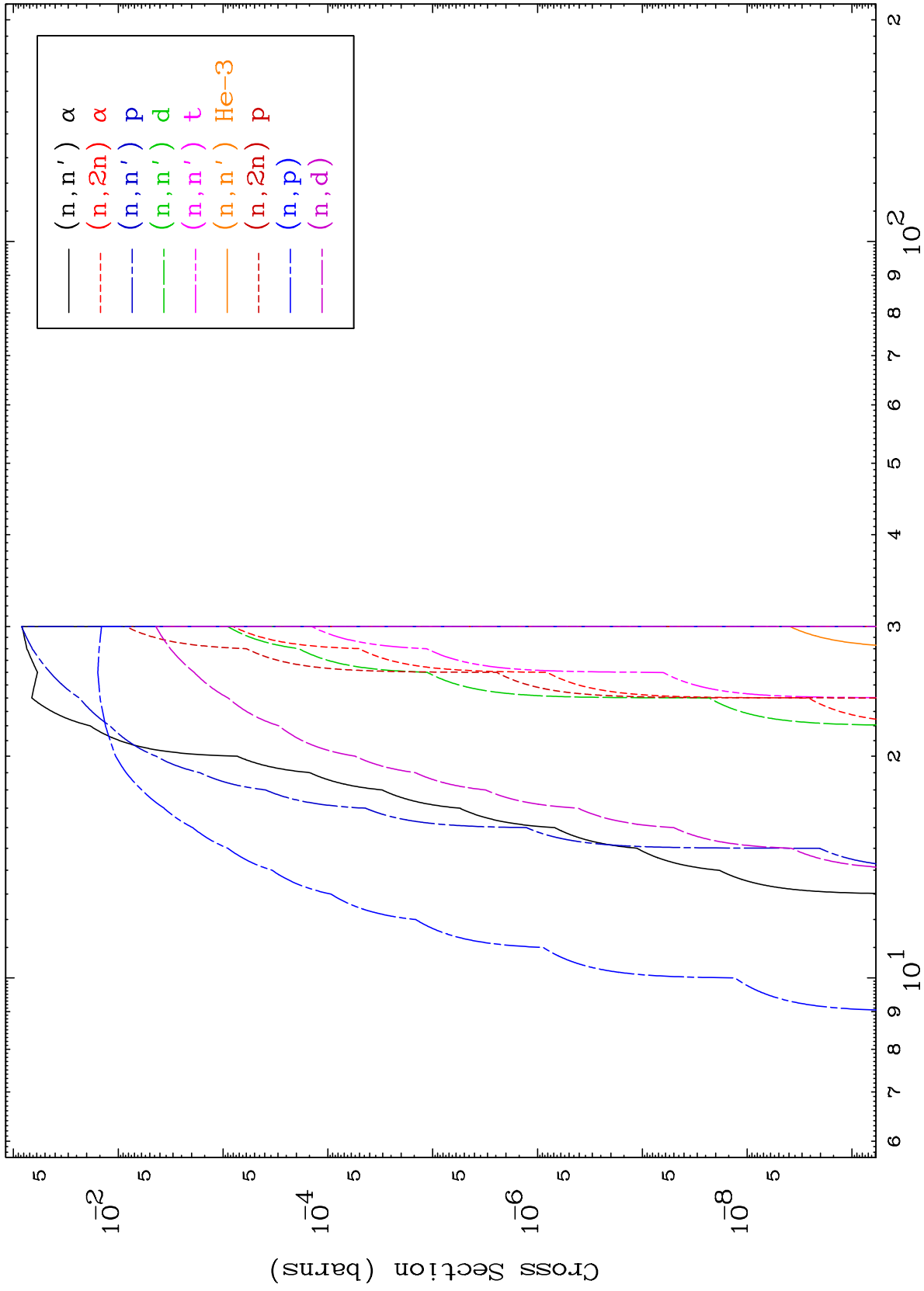
46-Pd-107



3

Incident Energy (MeV)

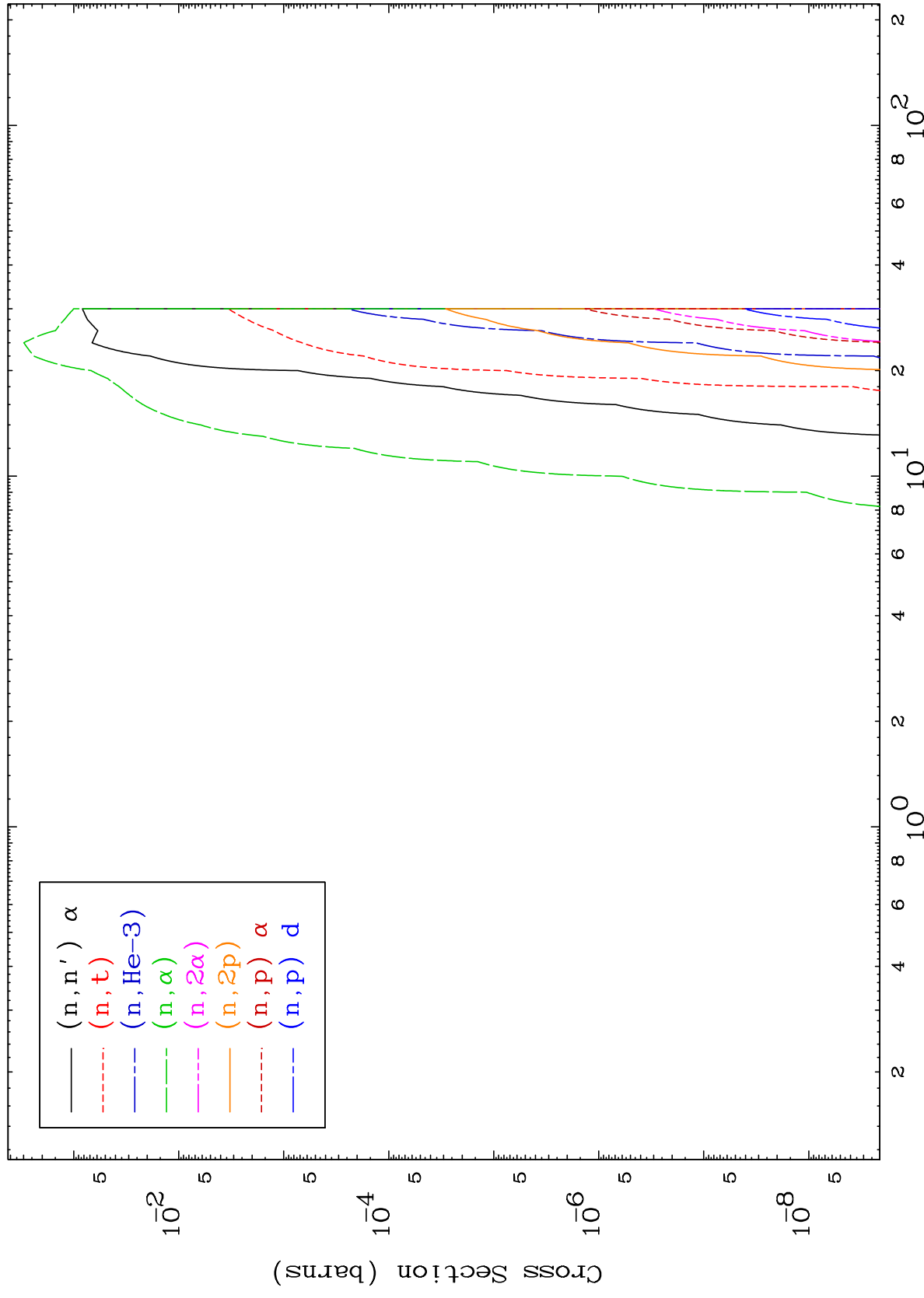
46-Pd-107



MAT 4640

α Charged Particle
0 Kelvin Cross Sections

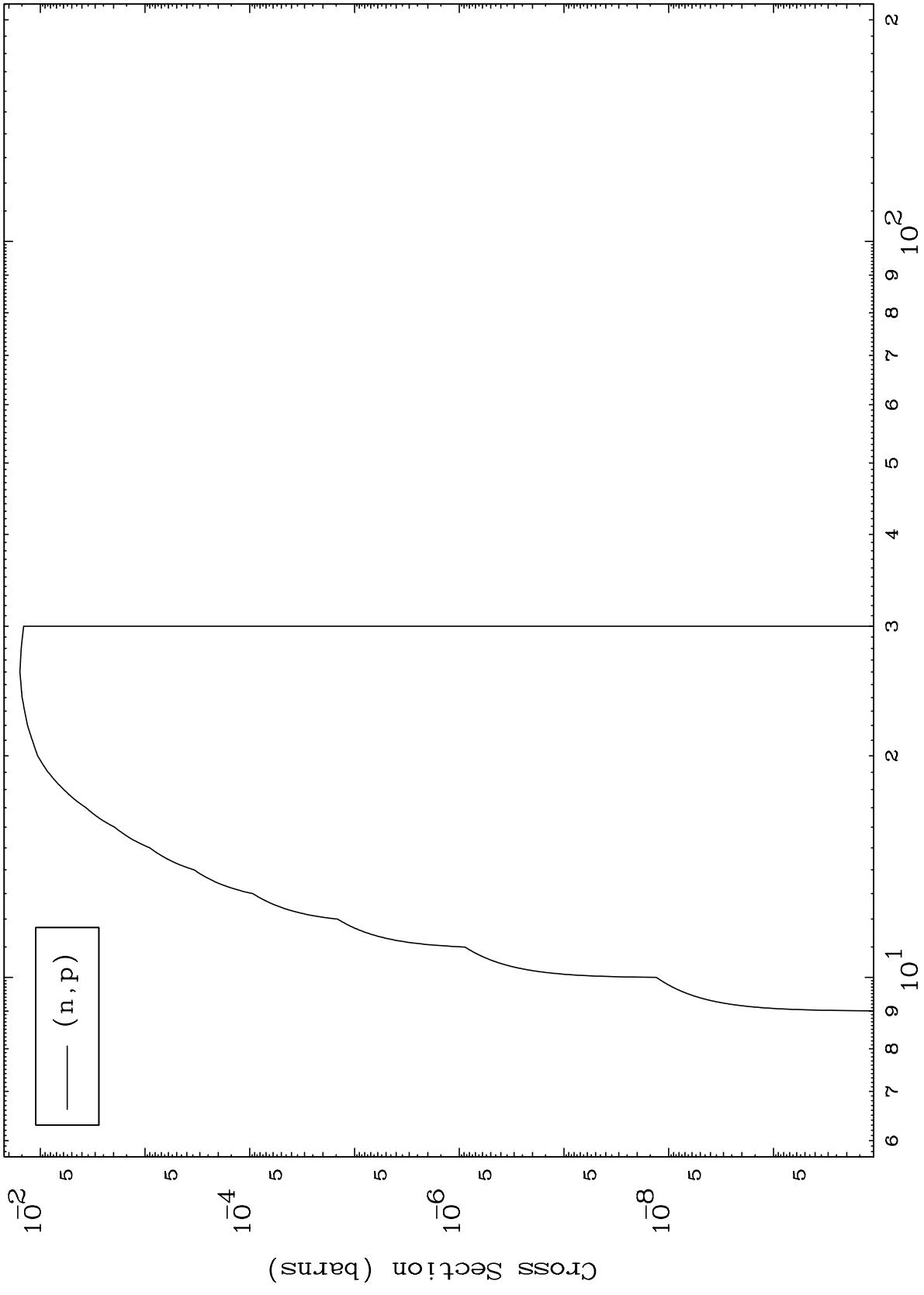
46-Pd-107



MAT 4640

(α, p) Levels
0 Kelvin Cross Sections

46-Pd-107



(n, p)

6

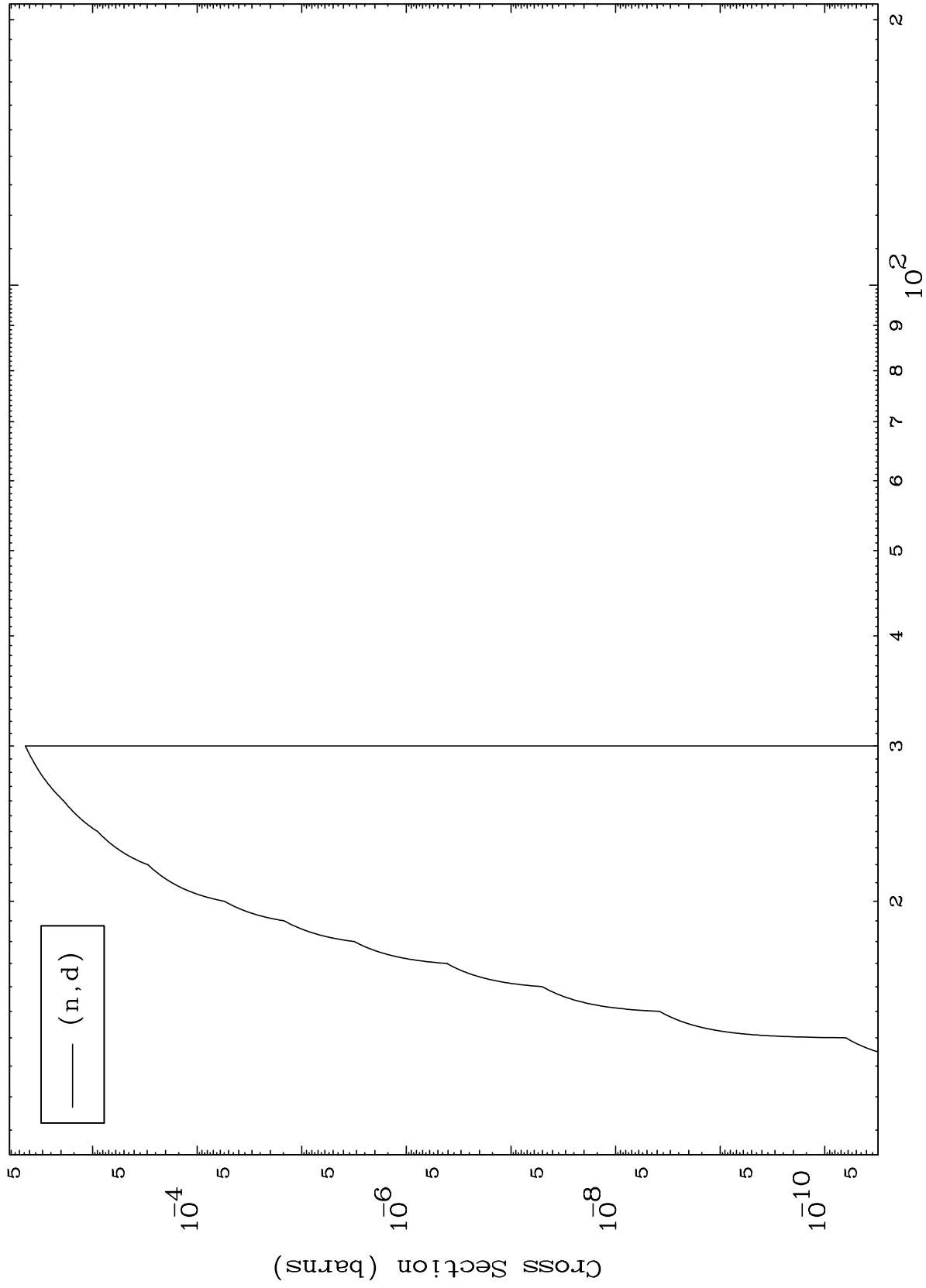
Incident Energy (MeV)

46-Pd-107

MAT 4640

(α, d) Levels
0 Kelvin Cross Sections

46-Pd-107



7

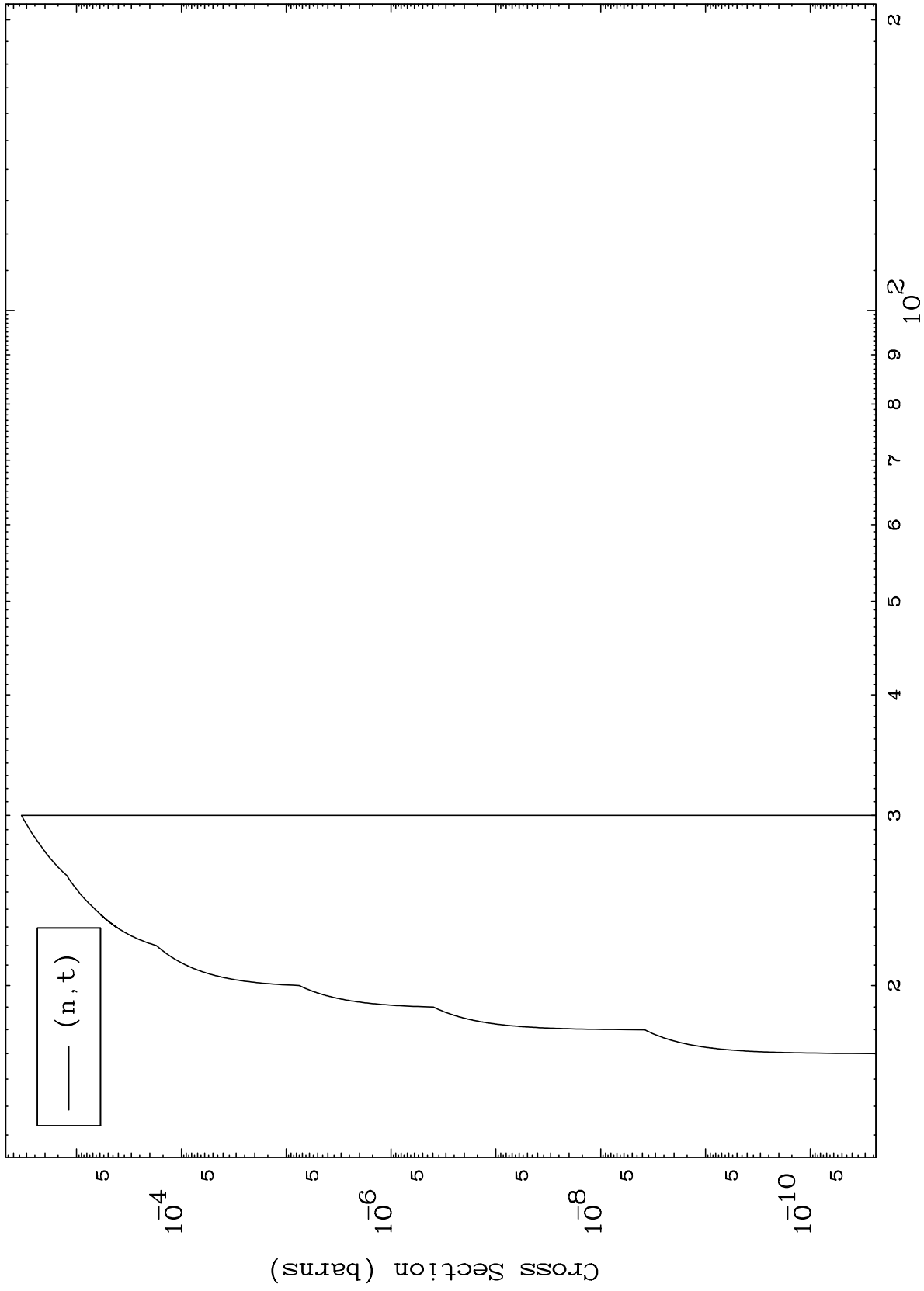
Incident Energy (MeV)

46-Pd-107

MAT 4640

(α, t) Levels
0 Kelvin Cross Sections

46-Pd-107



8

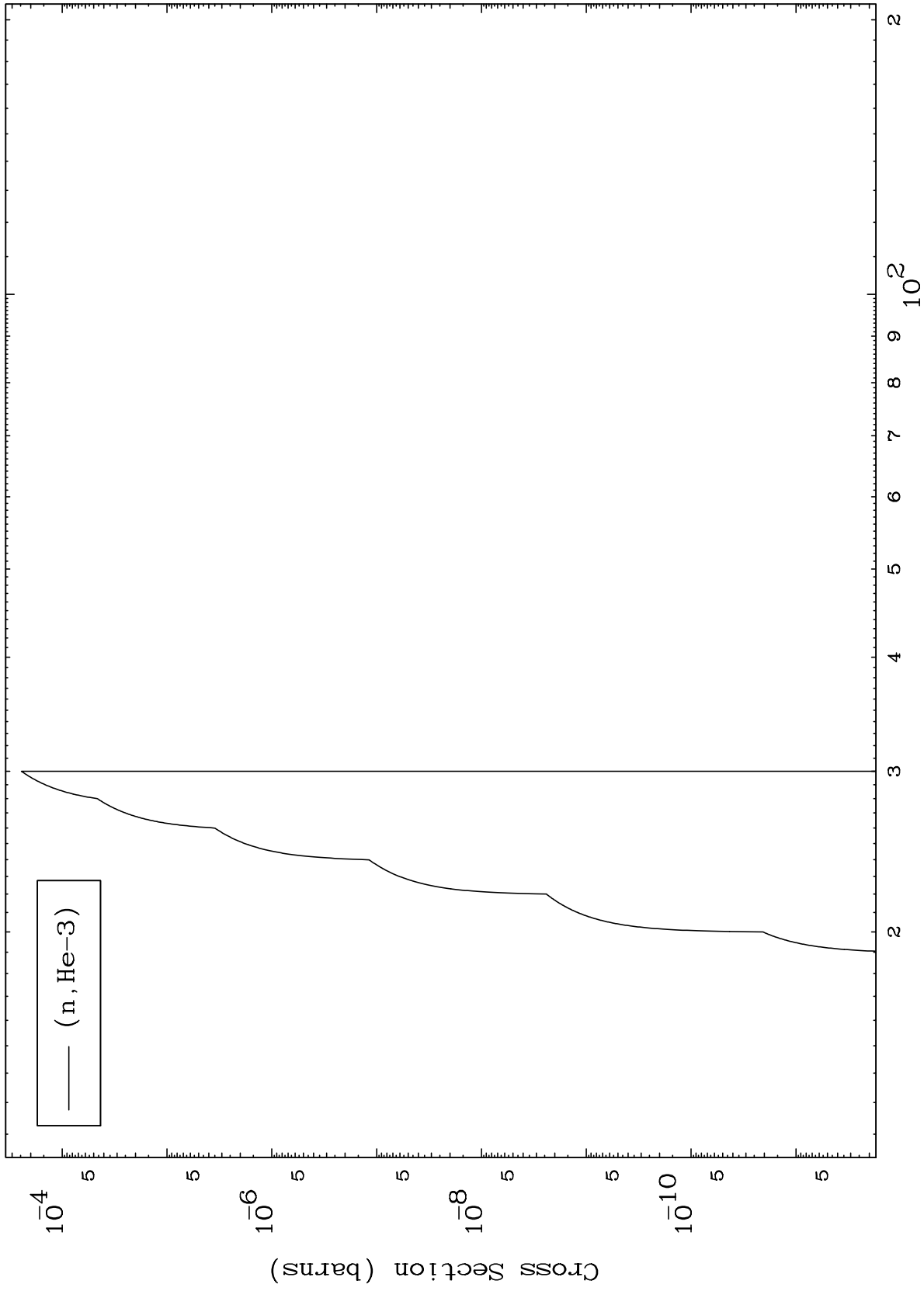
Incident Energy (MeV)

46-Pd-107

MAT 4640

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

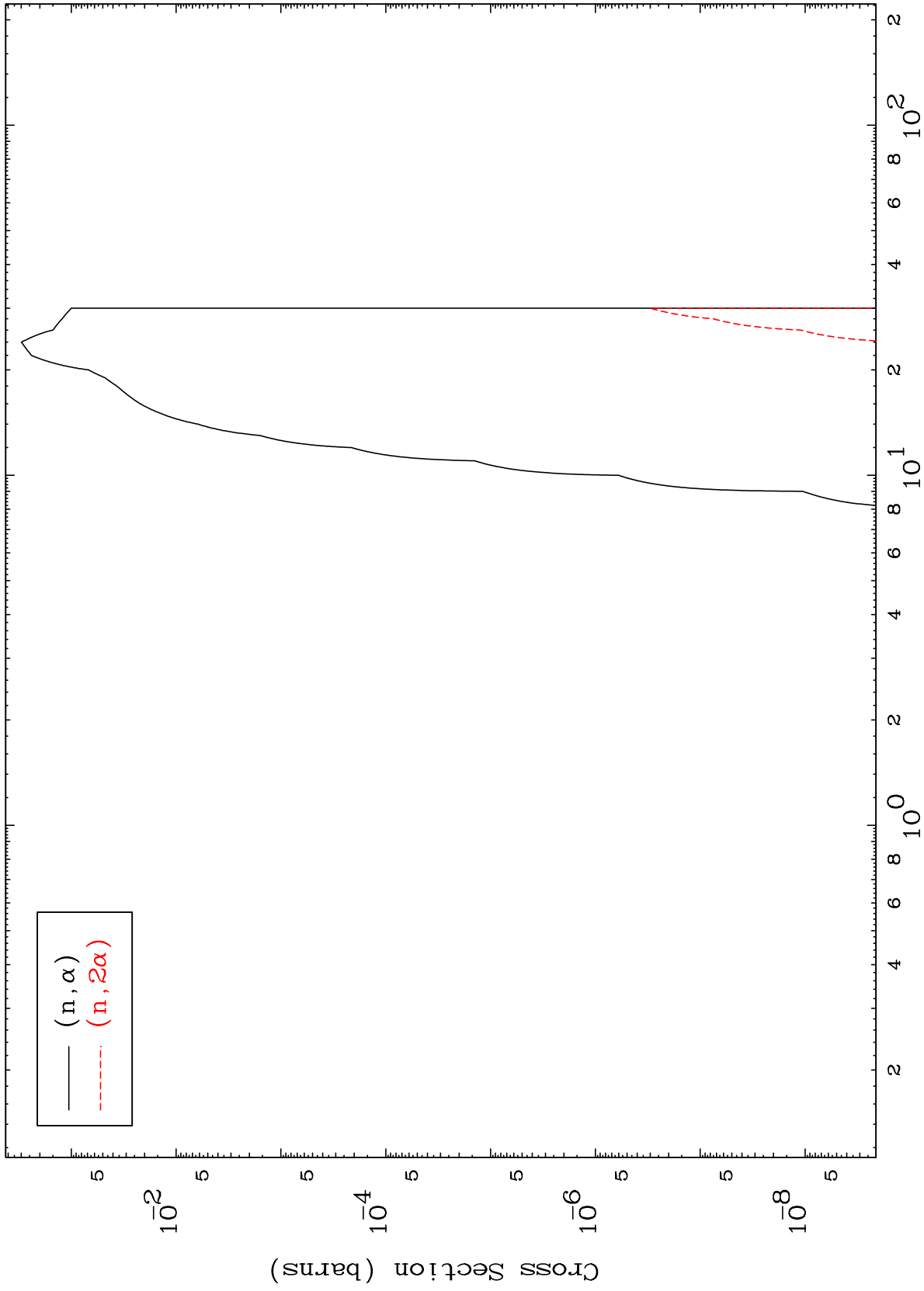
46-Pd-107



MAT 4640

(α, α) Levels
0 Kelvin Cross Sections

46-Pd-107



10

Incident Energy (MeV)

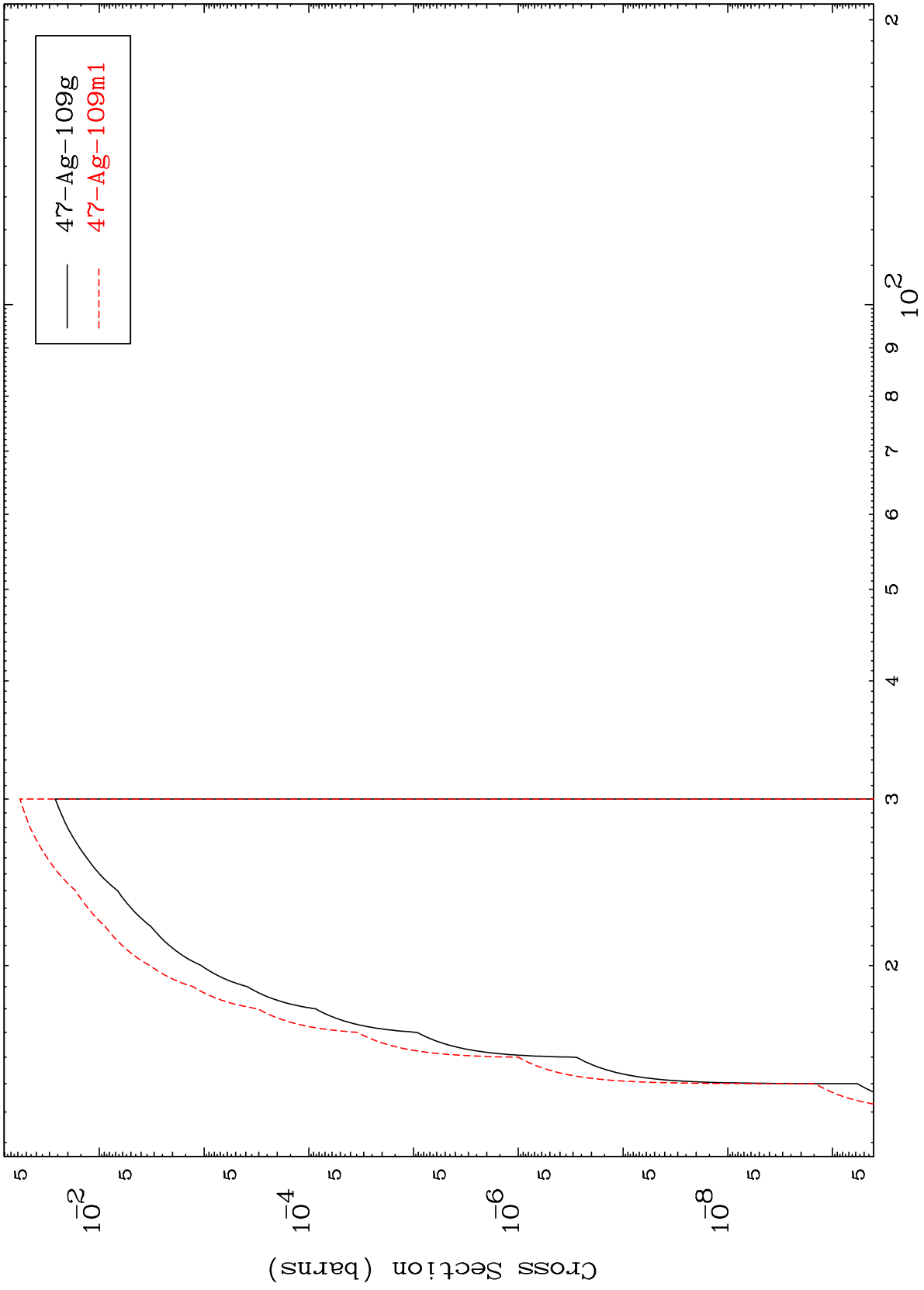
46-Pd-107

MAT 4640

(n,n') p

46-Pd-107

Radionuclide Production Cross Section



11

Incident Energy (MeV)

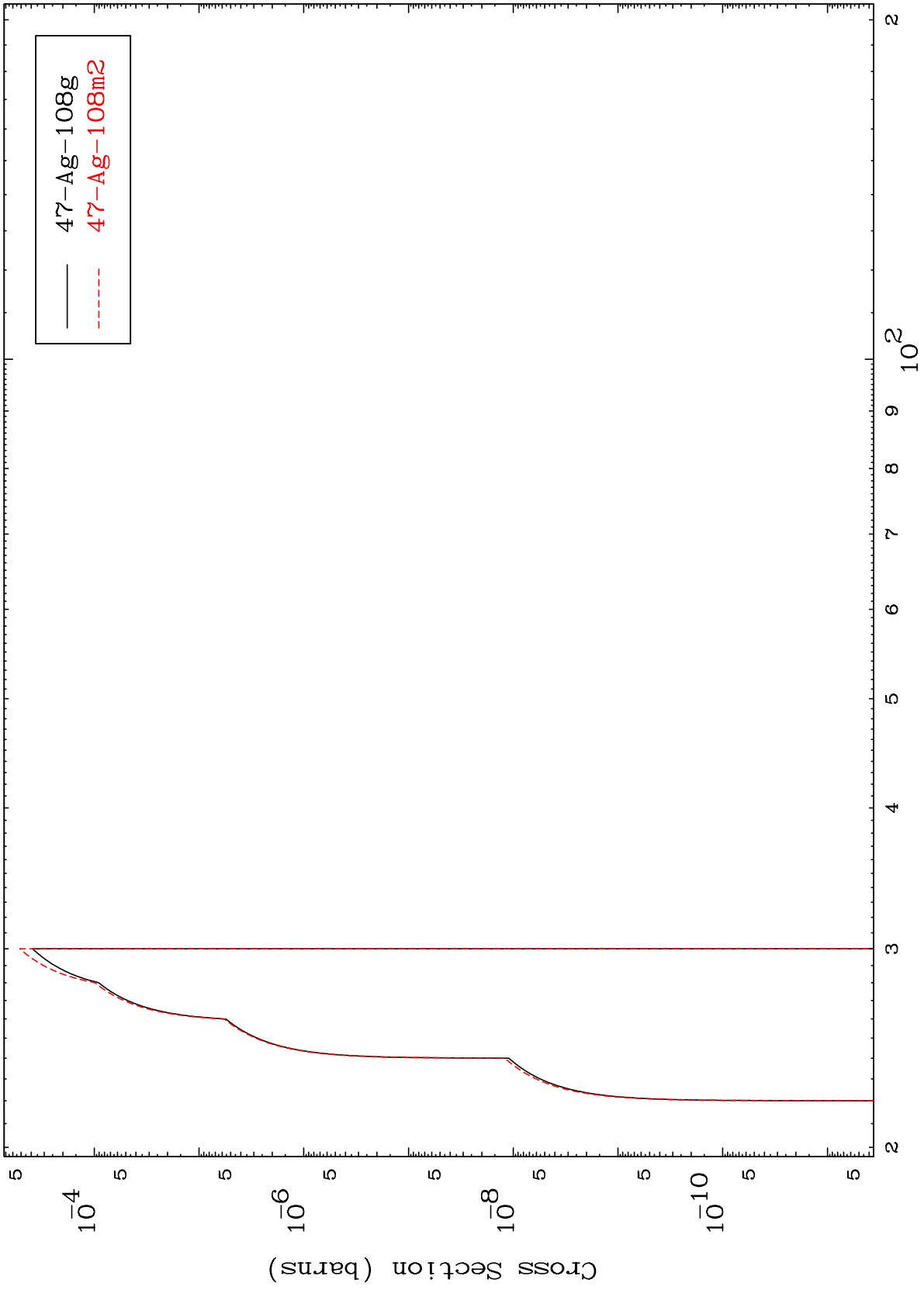
46-Pd-107

MAT 4640

(n,n') d

46-Pd-107

Radionuclide Production Cross Section



12

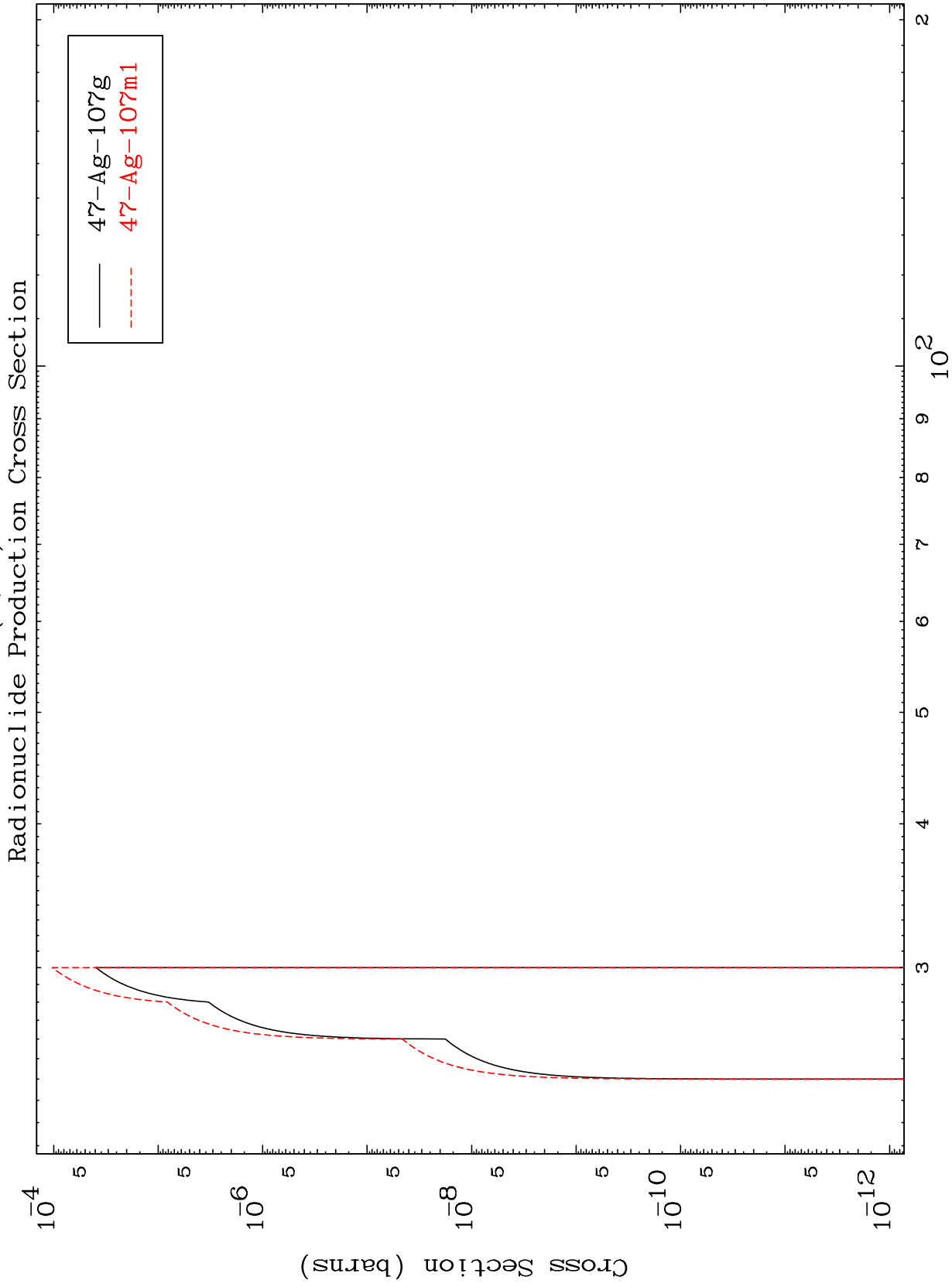
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,n') t

46-Pd-107



13

Incident Energy (MeV)

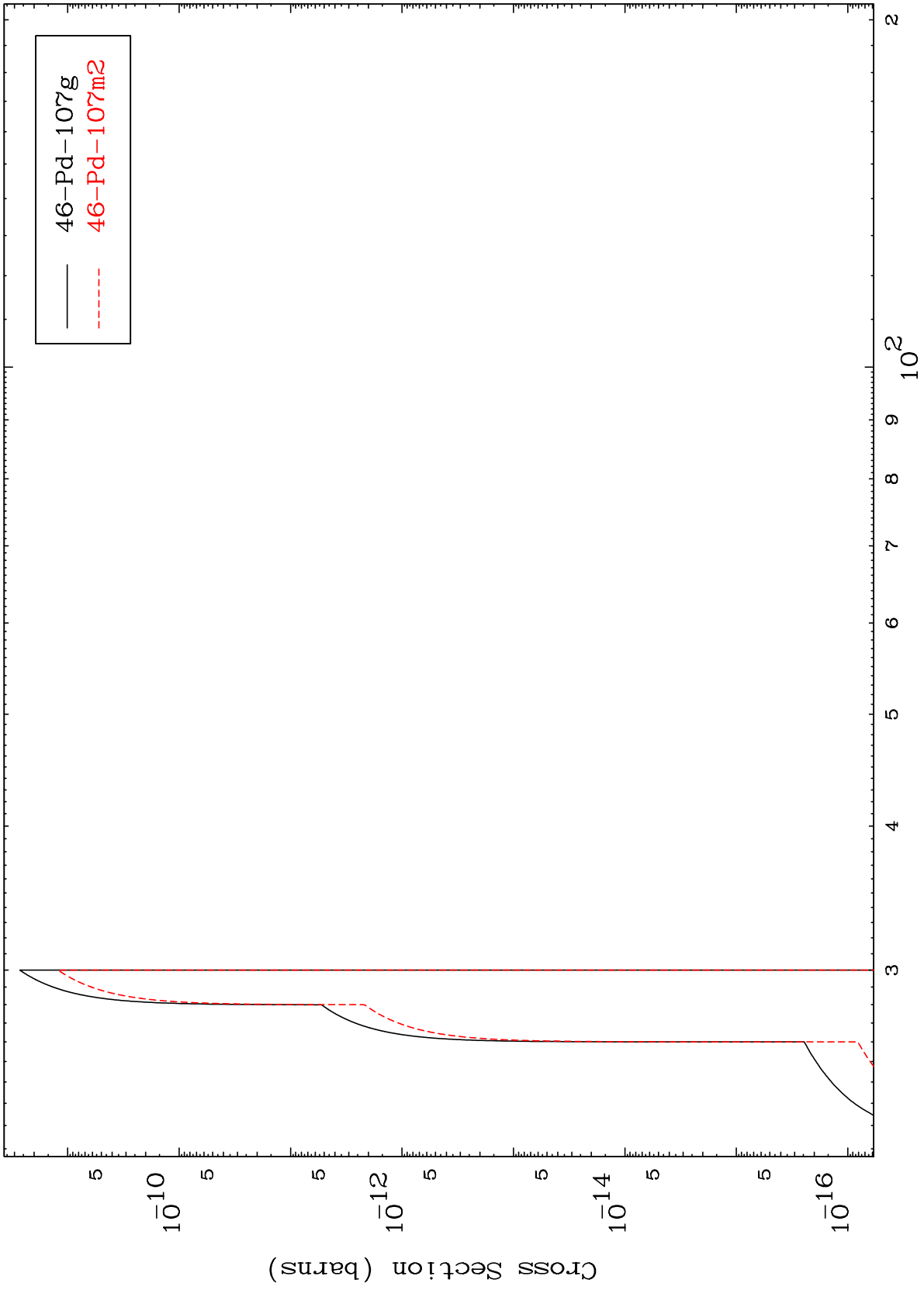
46-Pd-107

MAT 4640

(n, n') He-3

46-Pd-107

Radionuclide Production Cross Section



14

Incident Energy (MeV)

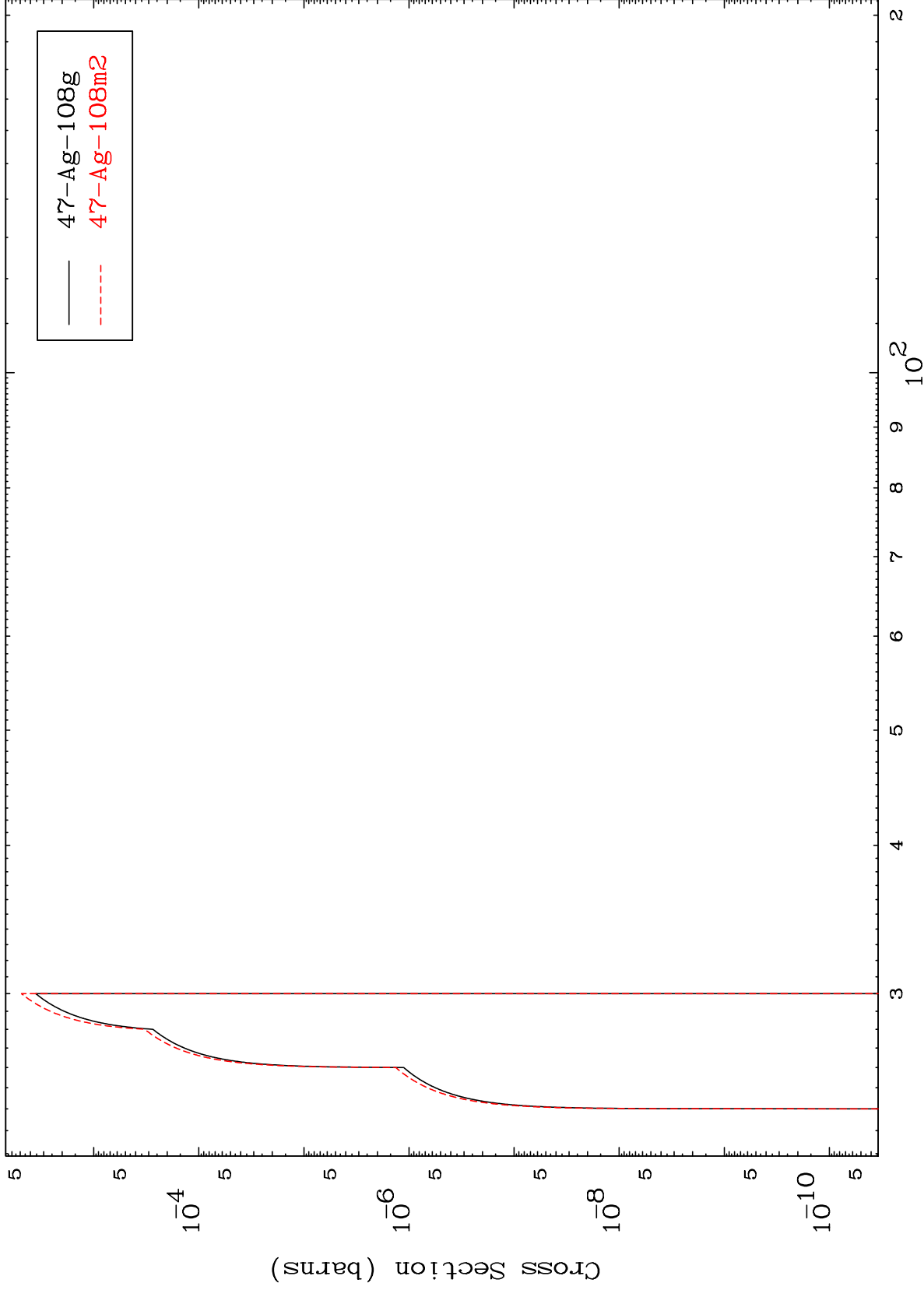
46-Pd-107

MAT 4640

(n,2n) p

46-Pd-107

Radionuclide Production Cross Section



15

Incident Energy (MeV)

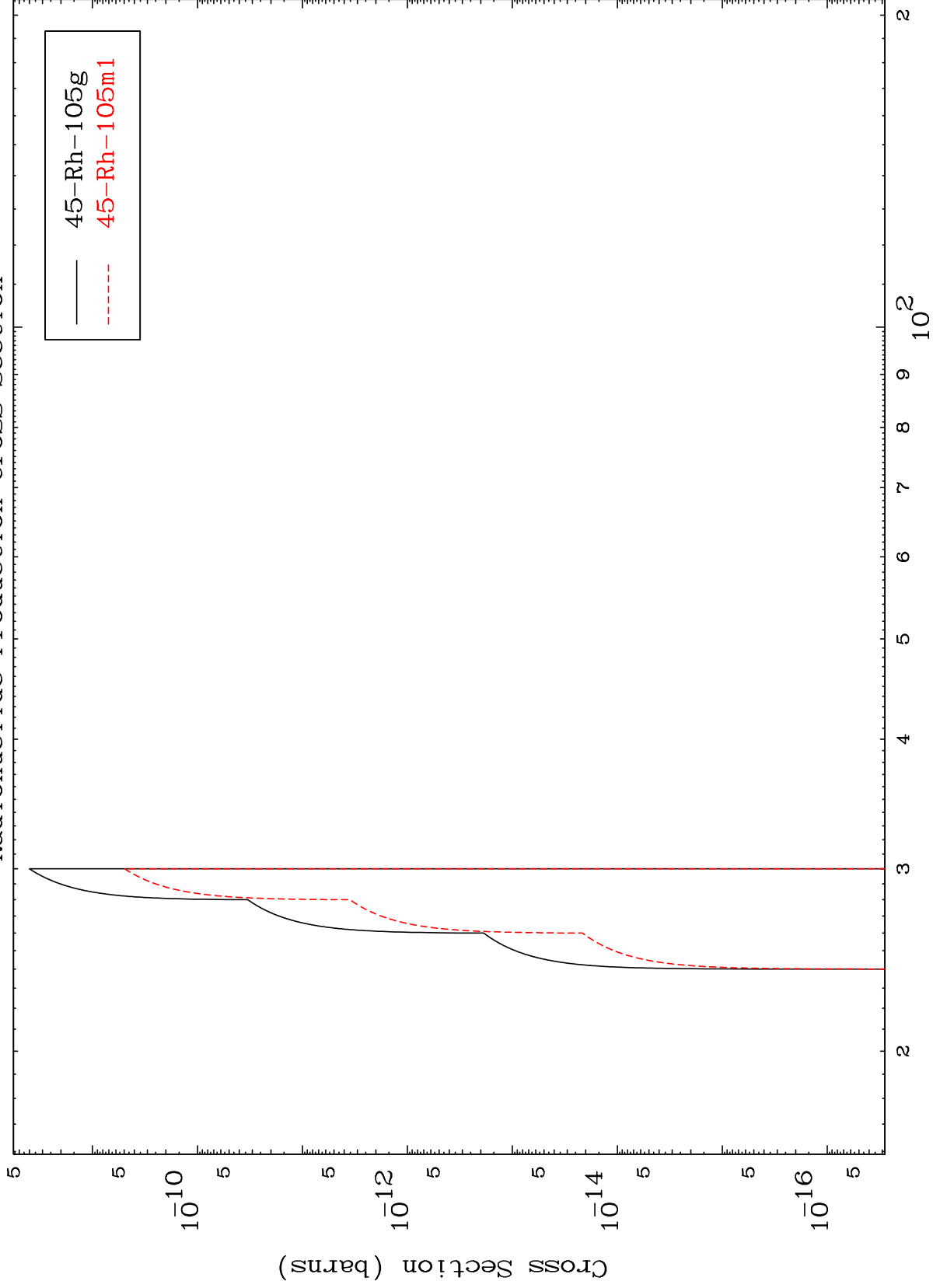
46-Pd-107

MAT 4640

(n,n') p α

46-Pd-107

Radionuclide Production Cross Section



16

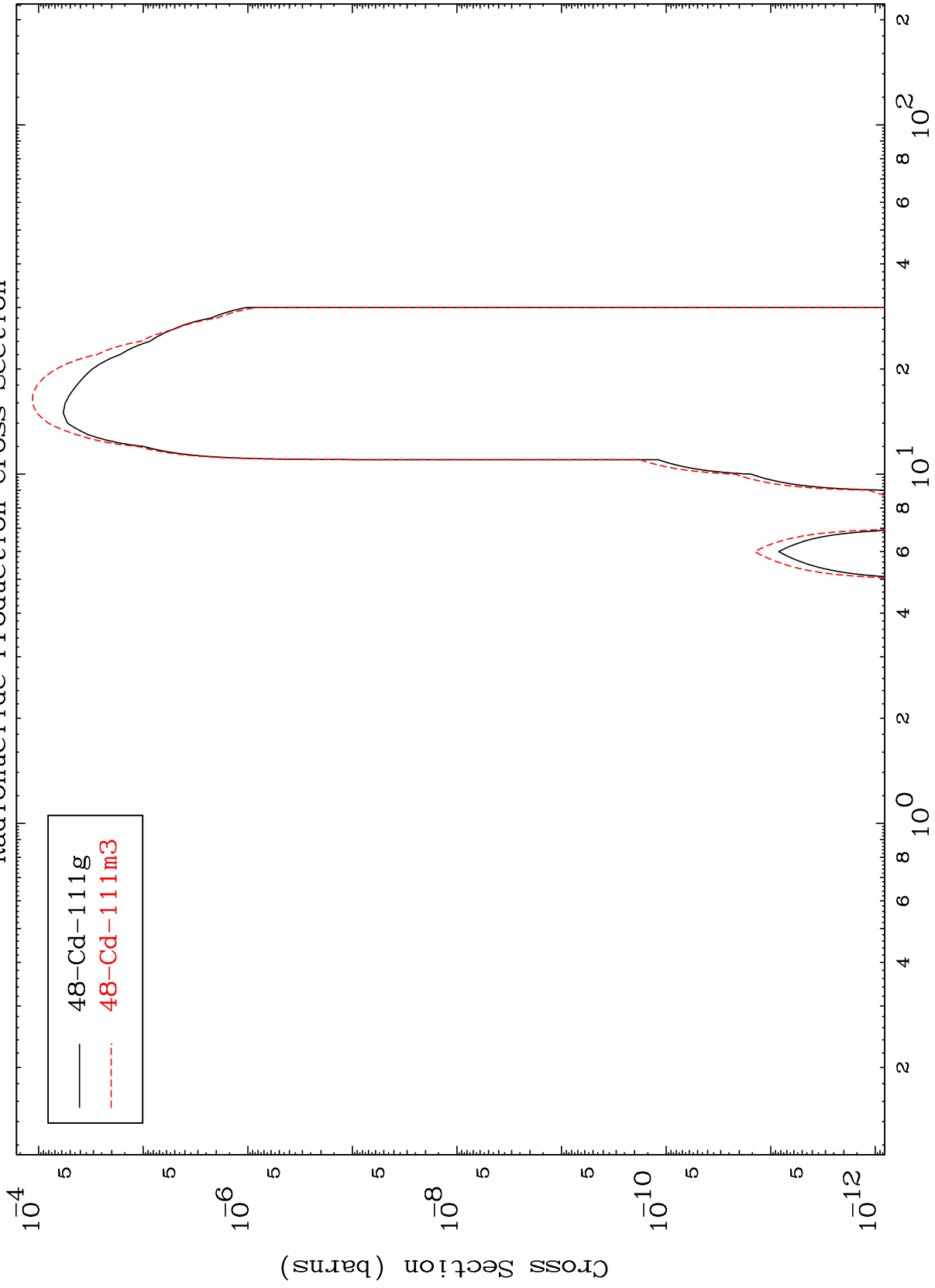
Incident Energy (MeV)

46-Pd-107

MAT 4640

46-Pd-107

Radionuclide Production Cross Section
(n,γ)



48-Cd-111g
48-Cd-111m3

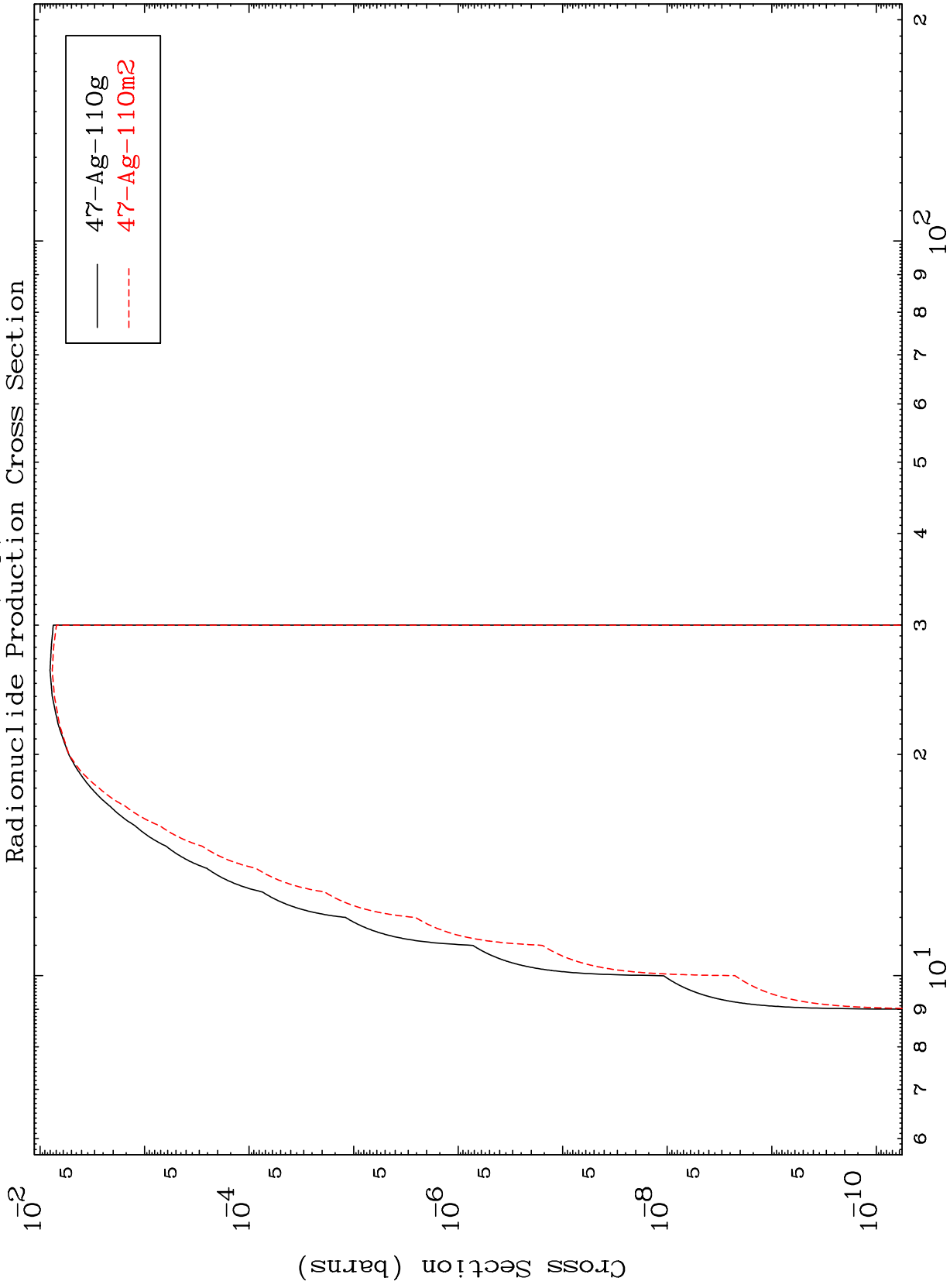
17

46-Pd-107

MAT 4640

46-Pd-107

(n,p)
Radionuclide Production Cross Section



18

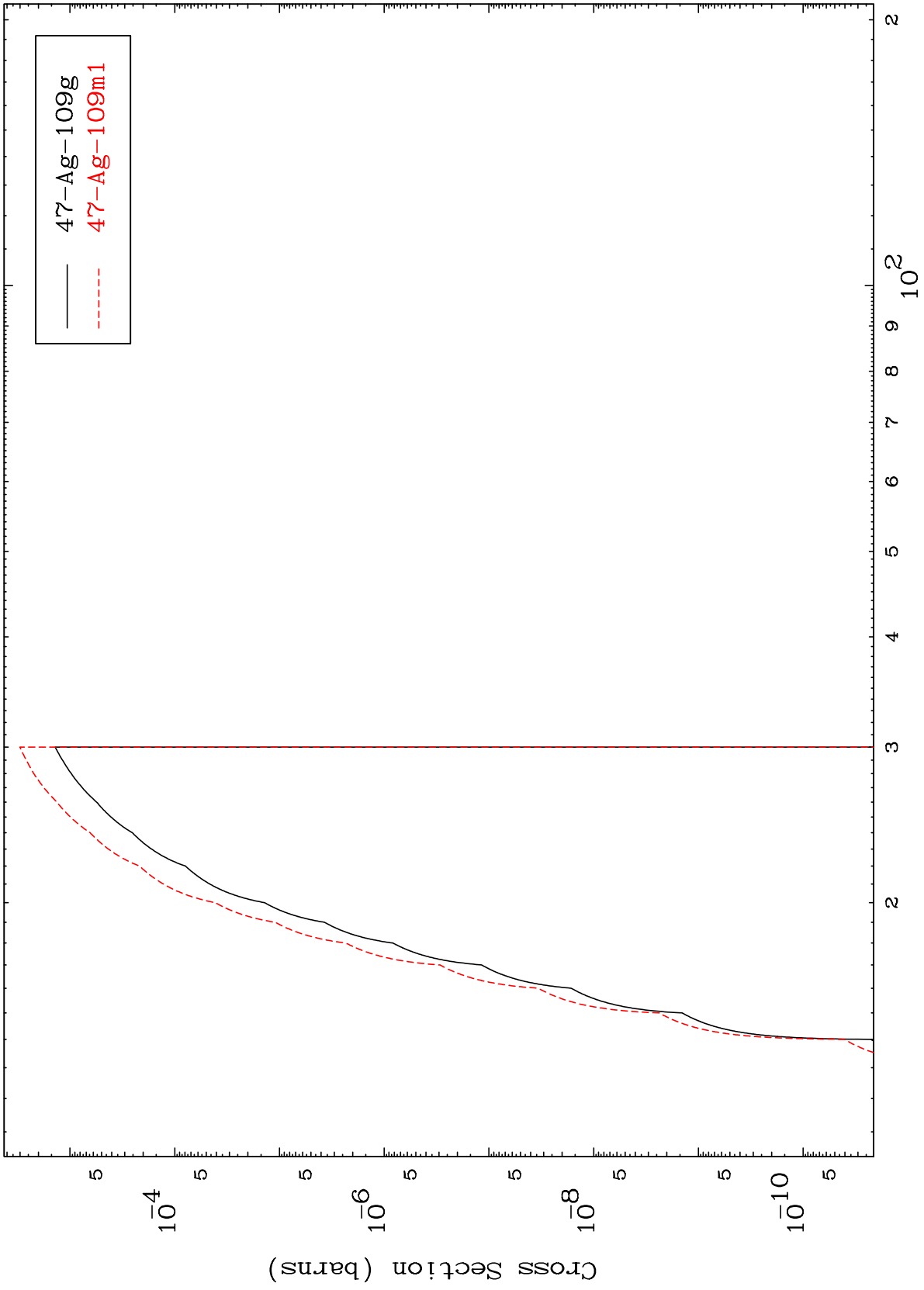
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,d)
Radionuclide Production Cross Section

46-Pd-107



19

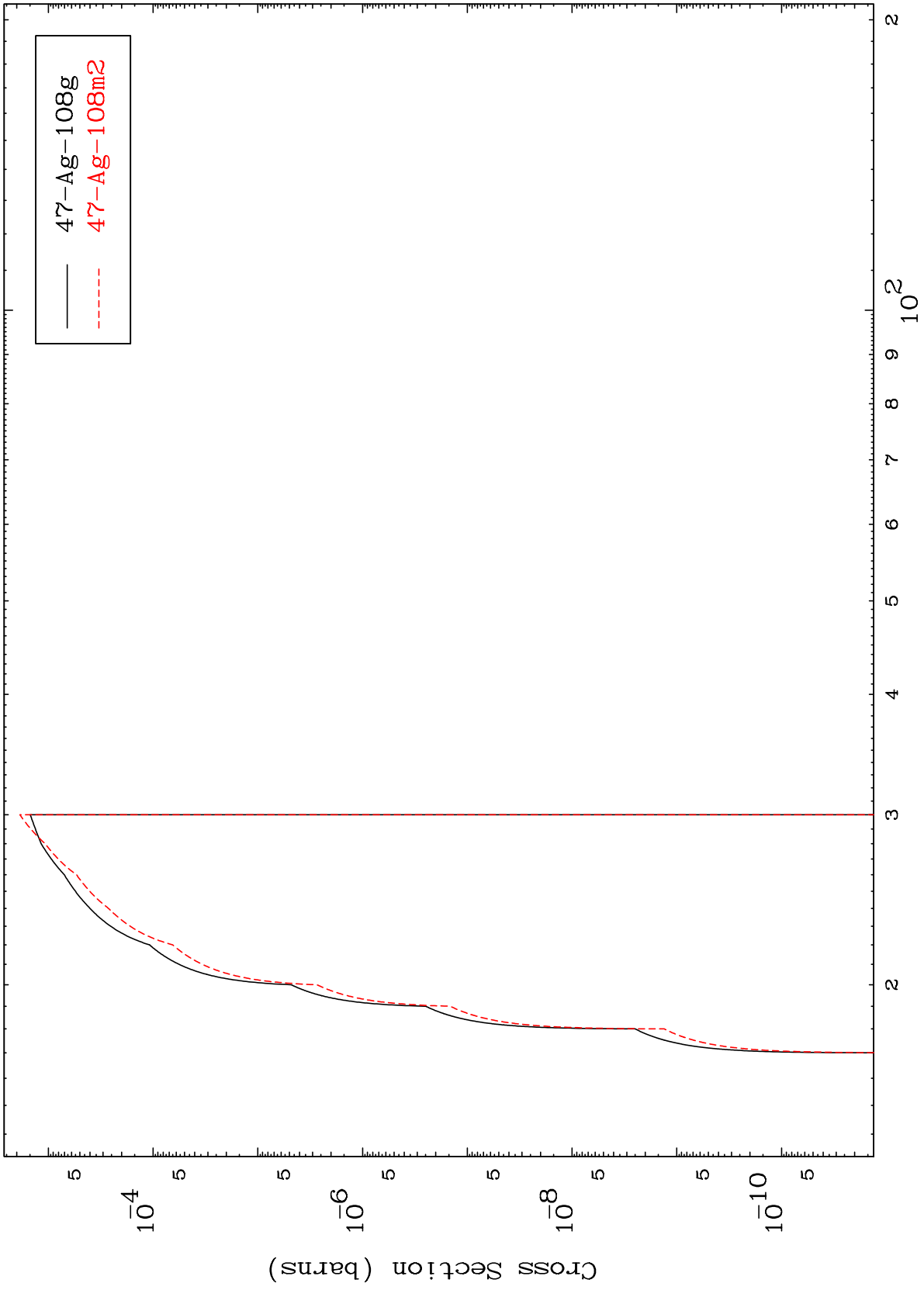
Incident Energy (MeV)

46-Pd-107

MAT 4640

46-Pd-107

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

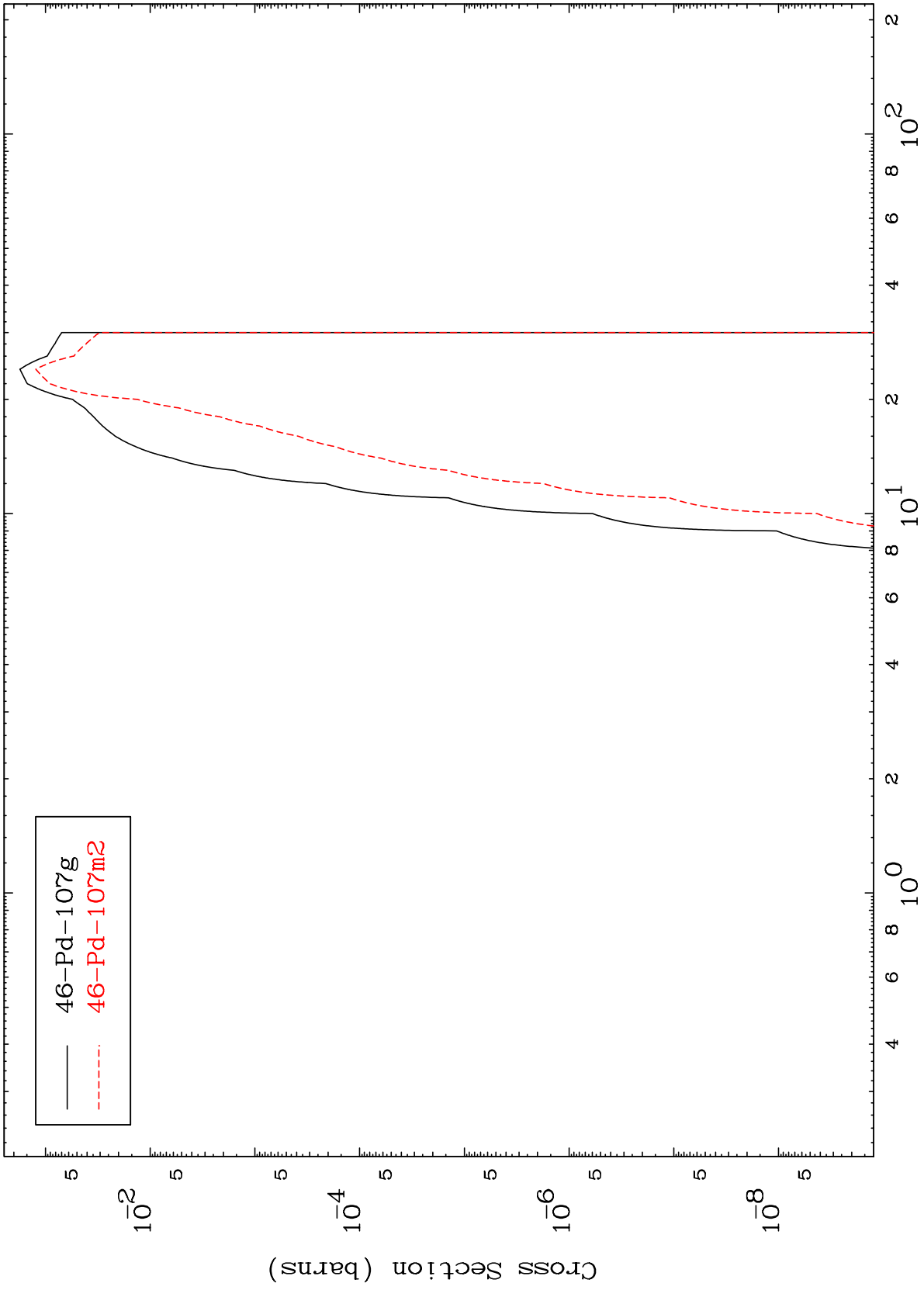
46-Pd-107

MAT 4640

(n, α)

46-Pd-107

Radionuclide Production Cross Section



21

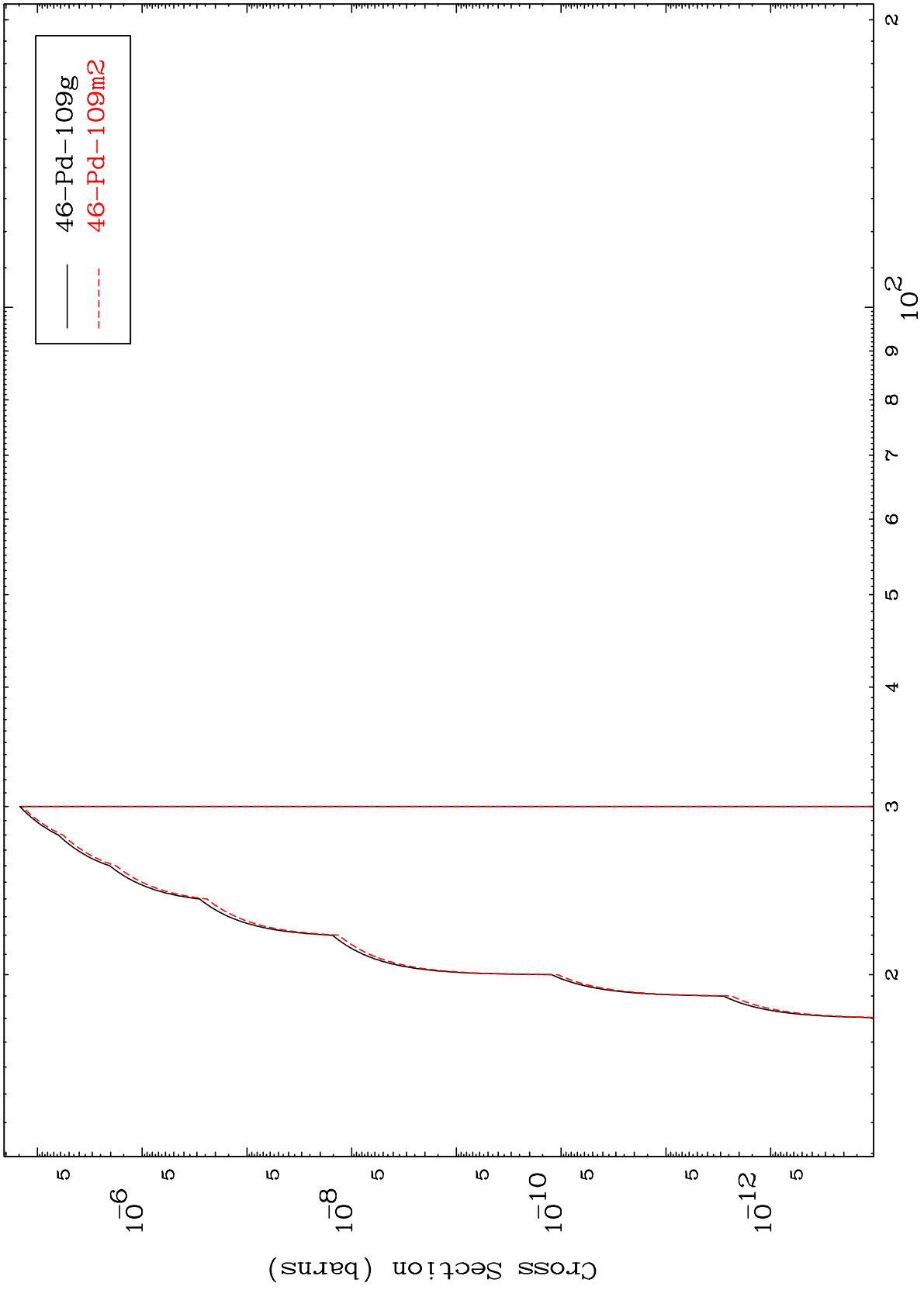
Incident Energy (MeV)

46-Pd-107

MAT 4640

46-Pd-107

(n,2p)
Radionuclide Production Cross Section



22

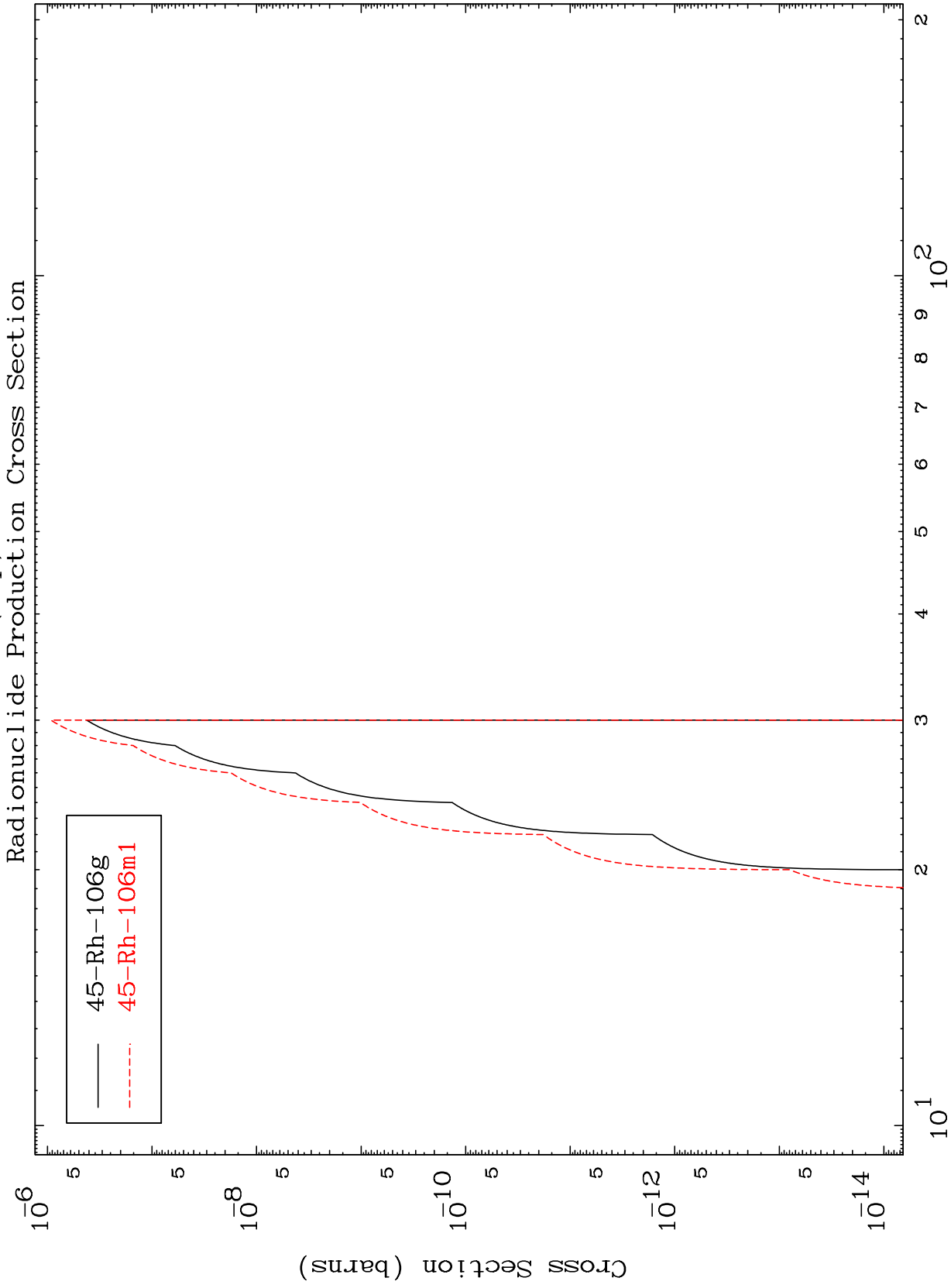
46-Pd-107

Incident Energy (MeV)

MAT 4640

(n,p) α

46-Pd-107



23

Incident Energy (MeV)

46-Pd-107