

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

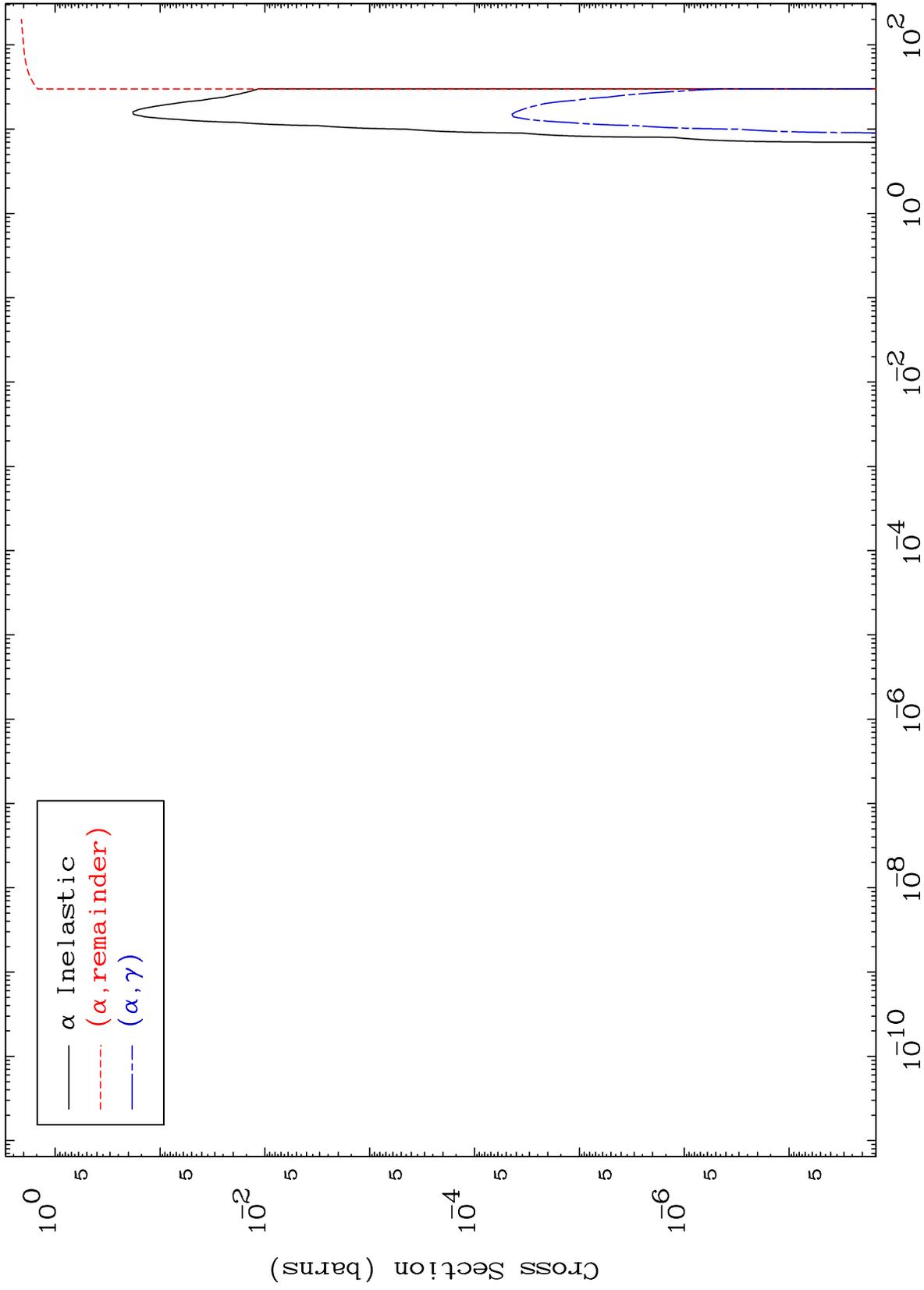
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4643

0 Kelvin  $\alpha$  Major  
Cross Sections

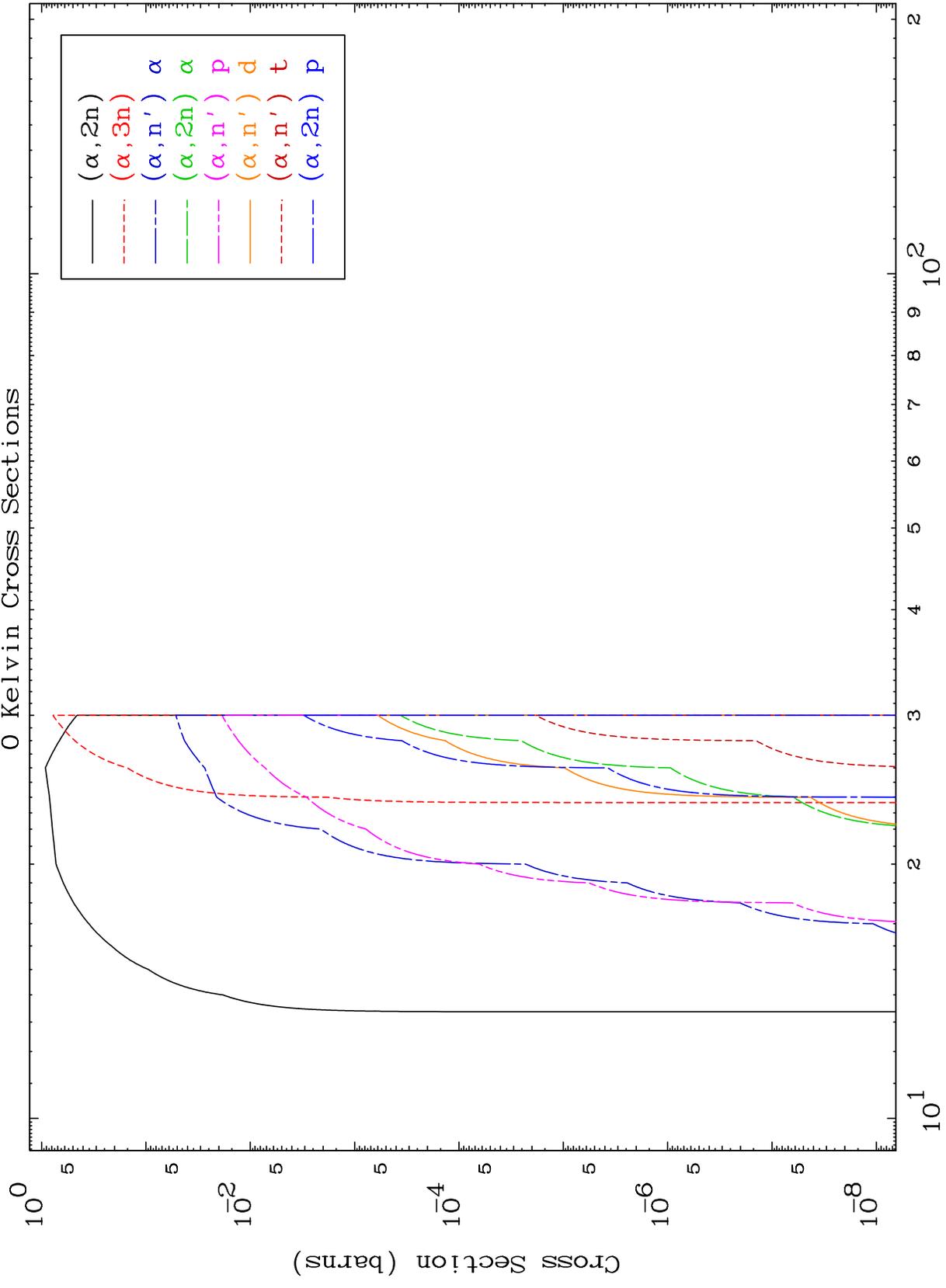
46-Pd-108



MAT 4643

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

46-Pd-108



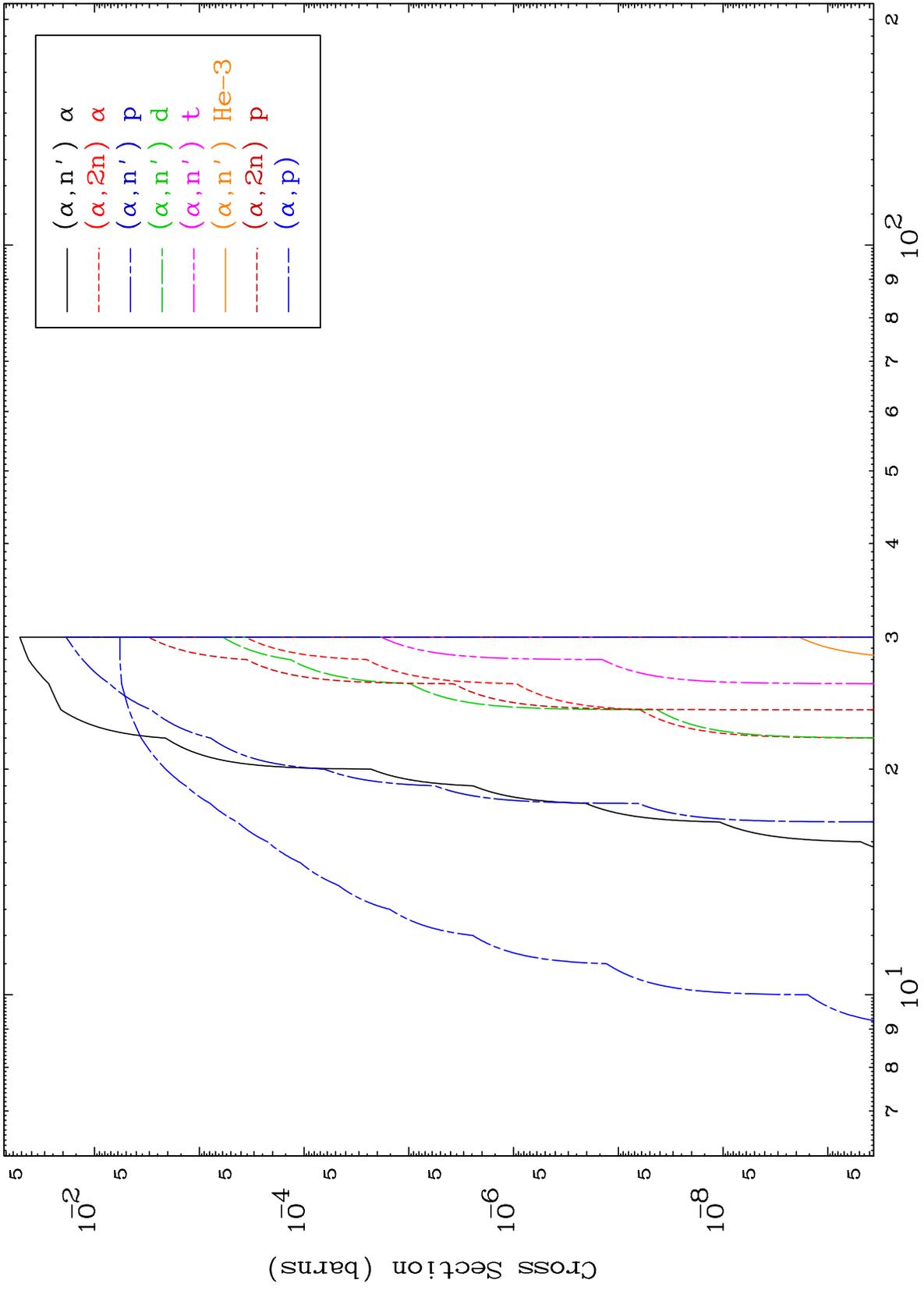
Incident Energy (MeV)

46-Pd-108

MAT 4643

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

46-Pd-108



3

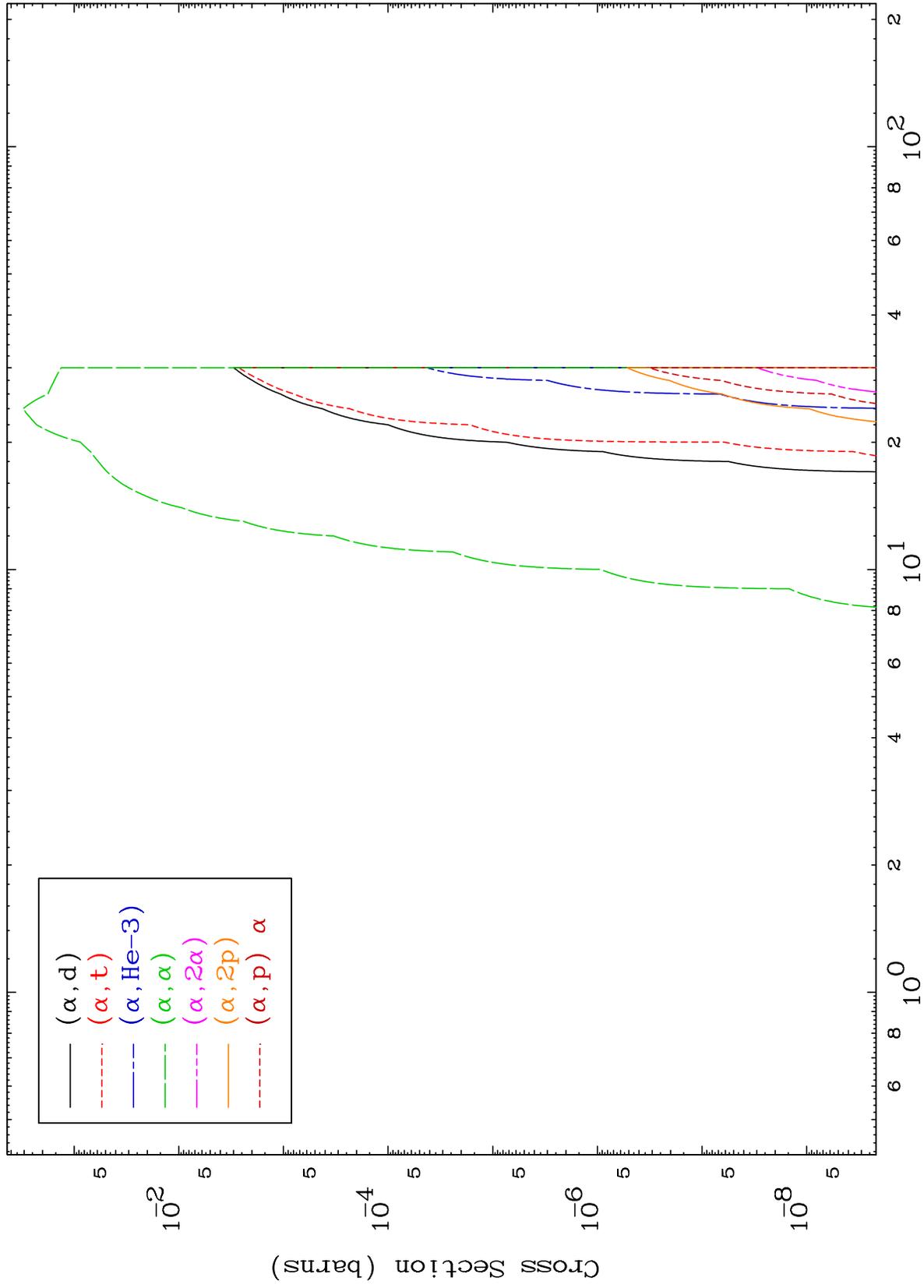
Incident Energy (MeV)

46-Pd-108

MAT 4643

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

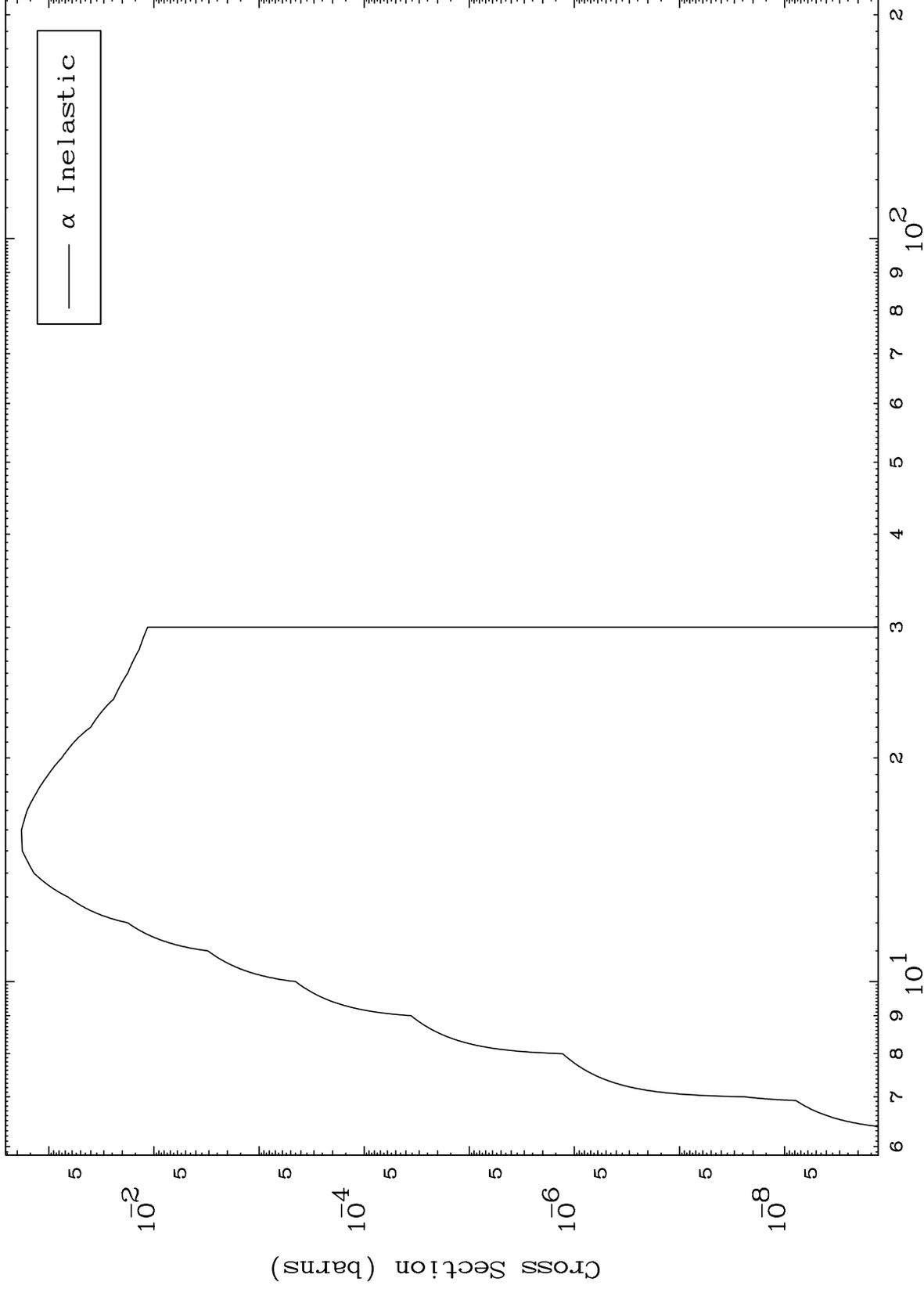
46-Pd-108



MAT 4643

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

46-Pd-108



5

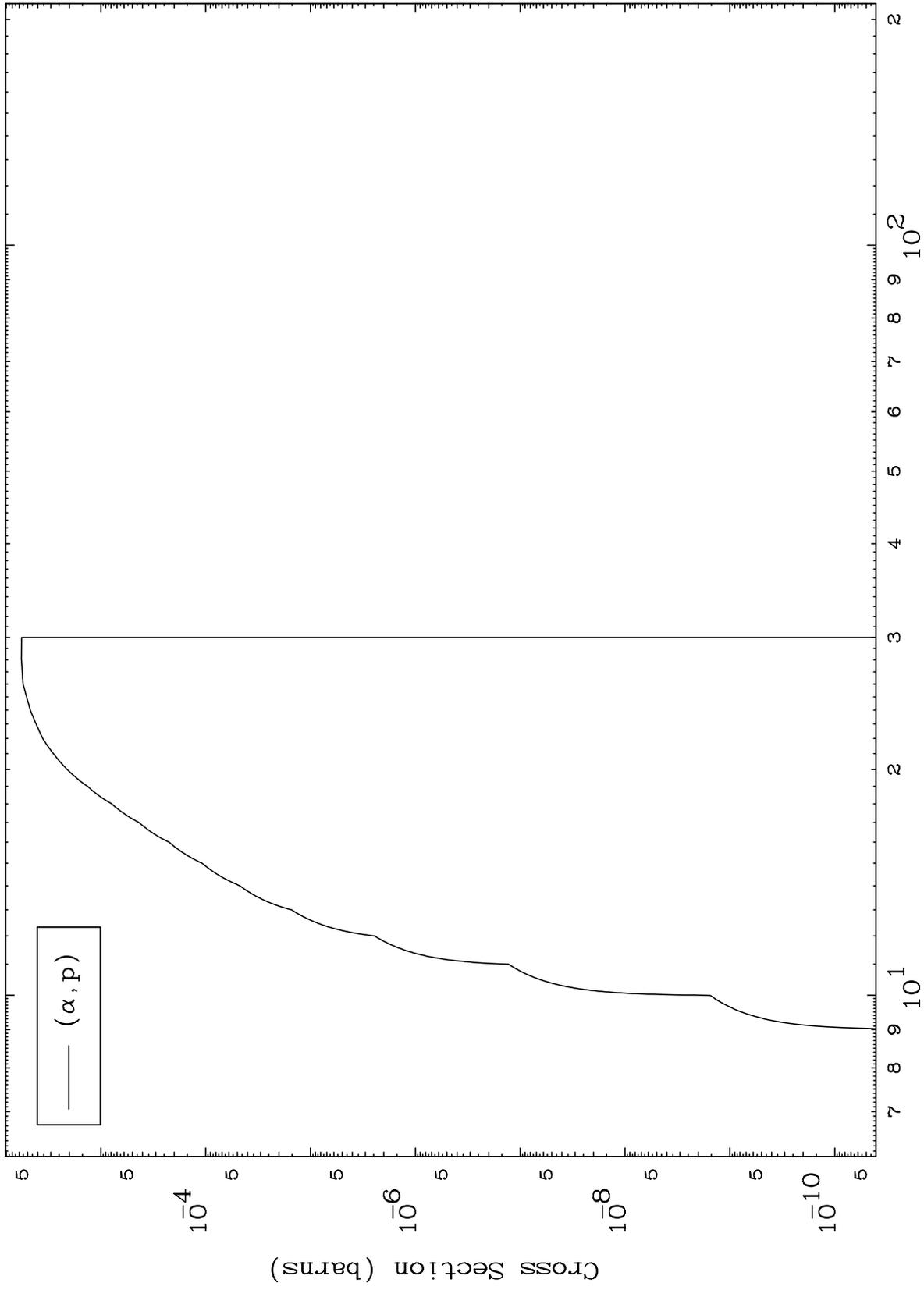
Incident Energy (MeV)

46-Pd-108

MAT 4643

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

46-Pd-108



6

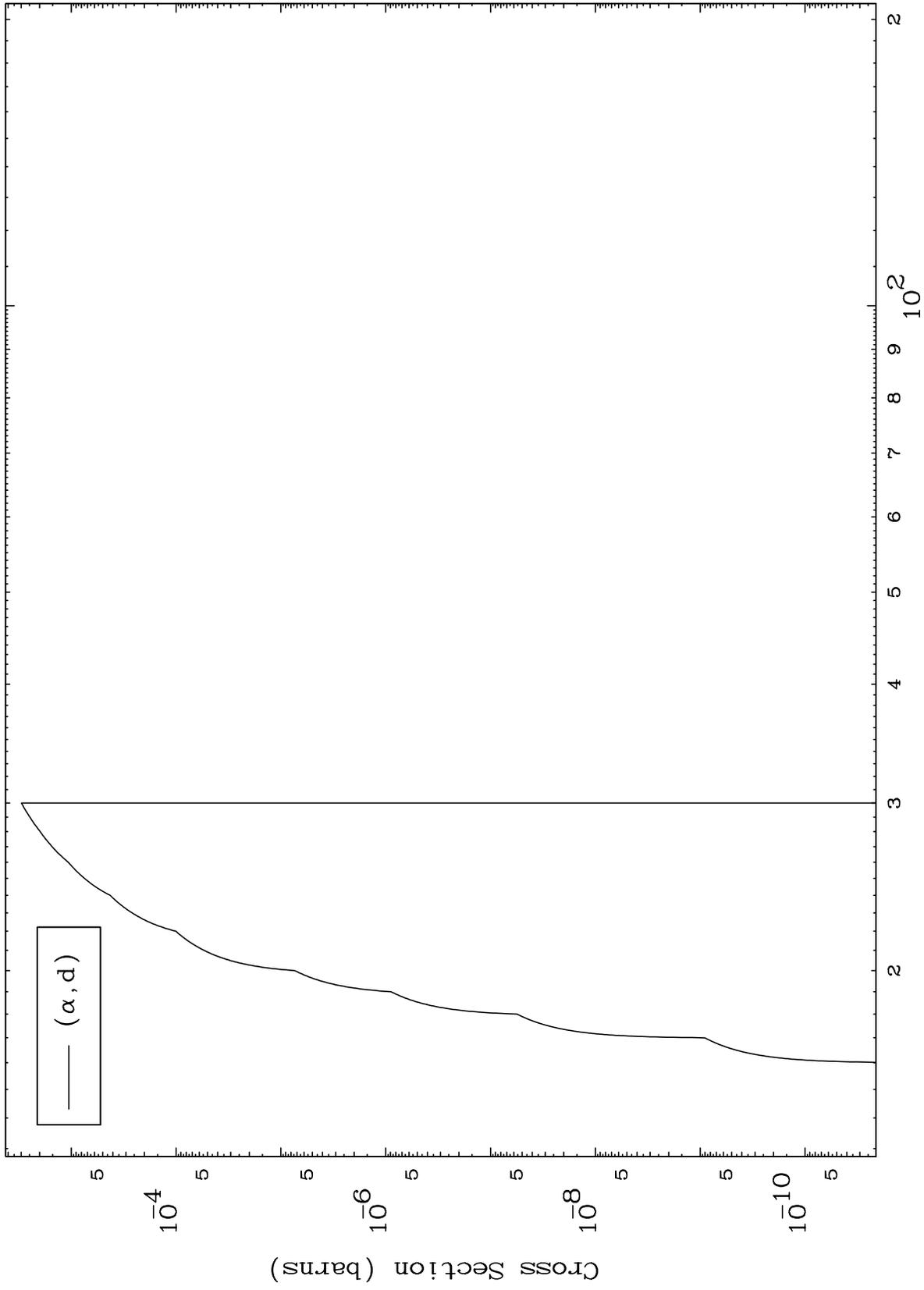
Incident Energy (MeV)

46-Pd-108

MAT 4643

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

46-Pd-108



7

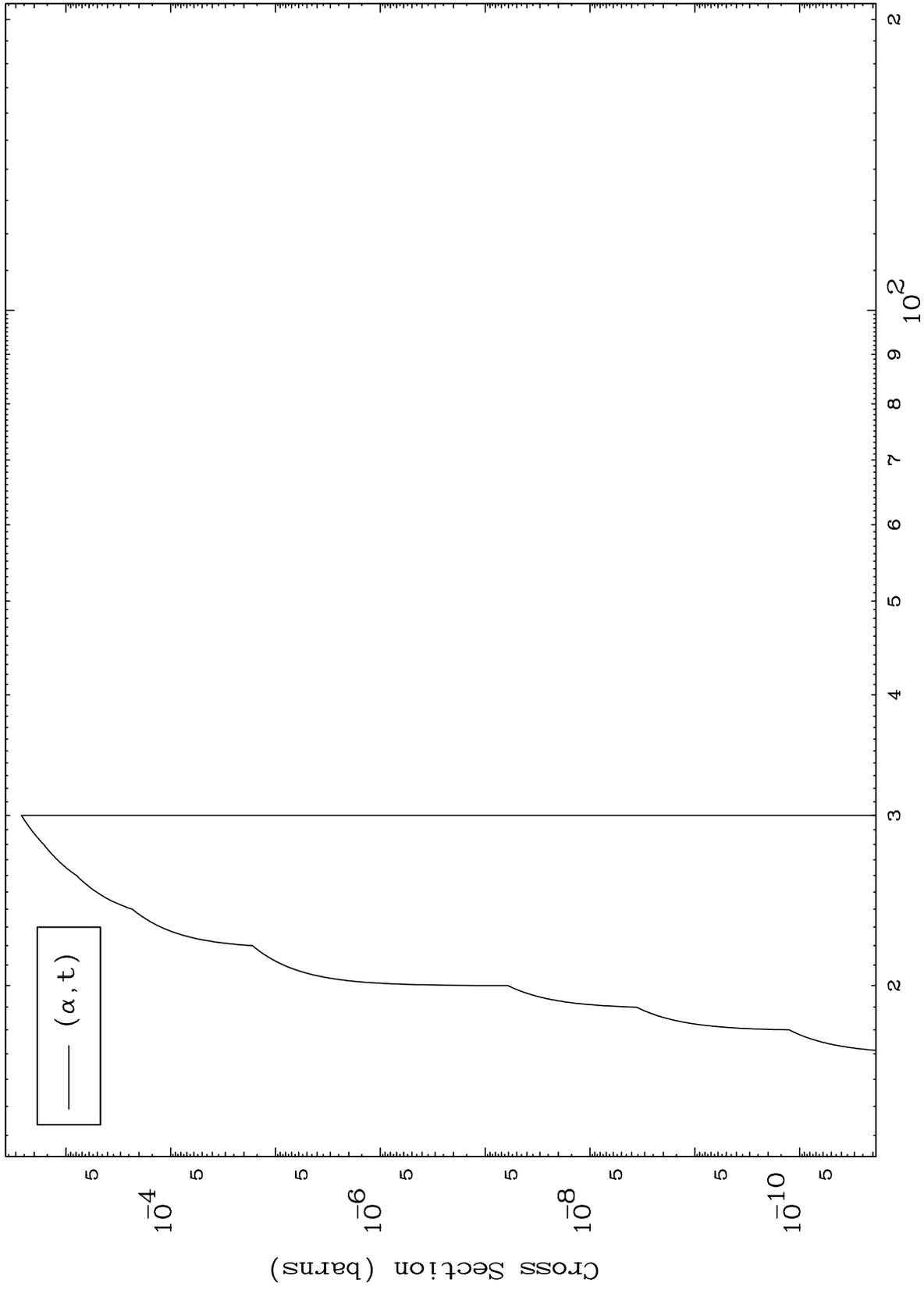
Incident Energy (MeV)

46-Pd-108

MAT 4643

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

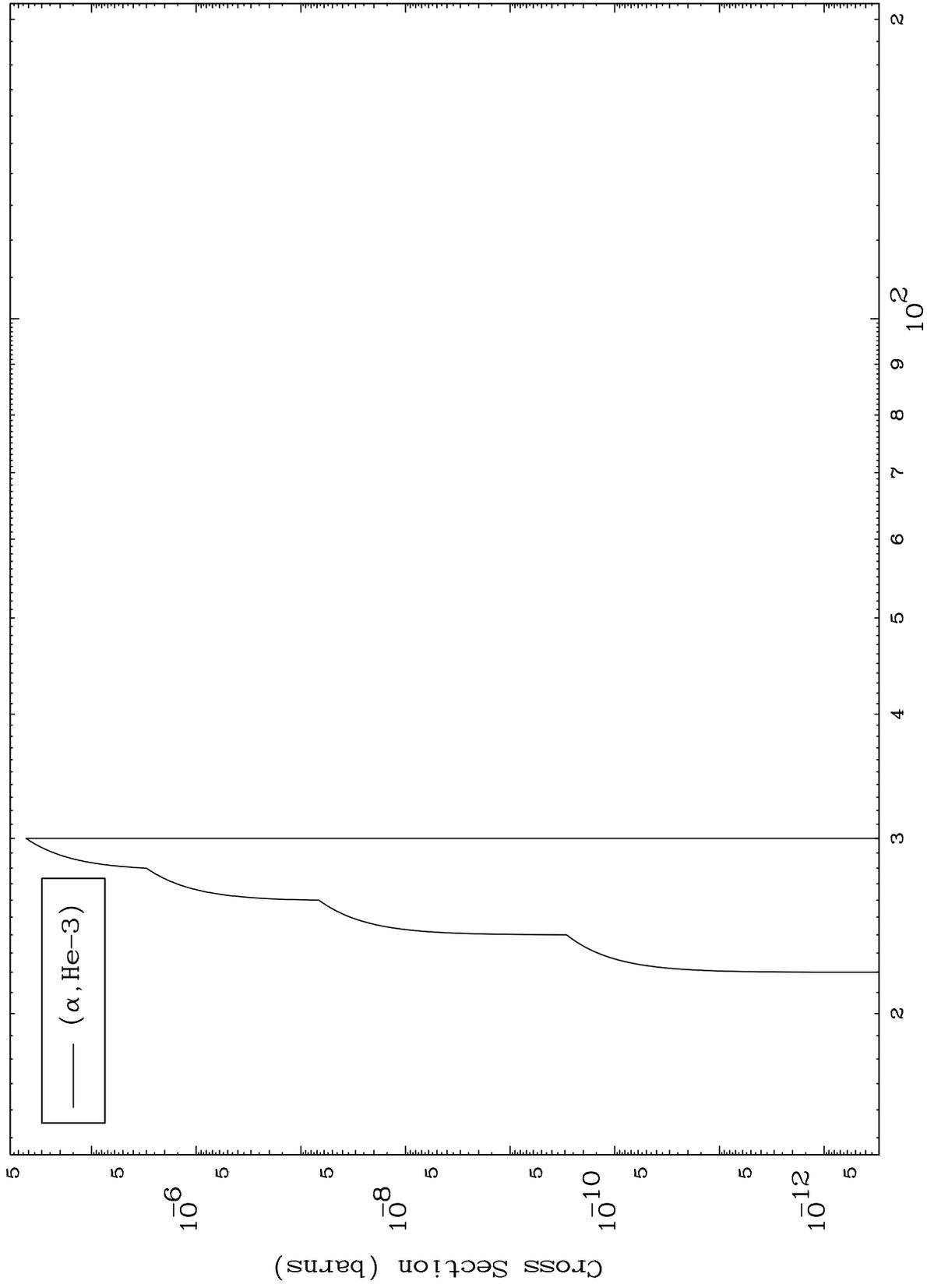
46-Pd-108



8

Incident Energy (MeV)

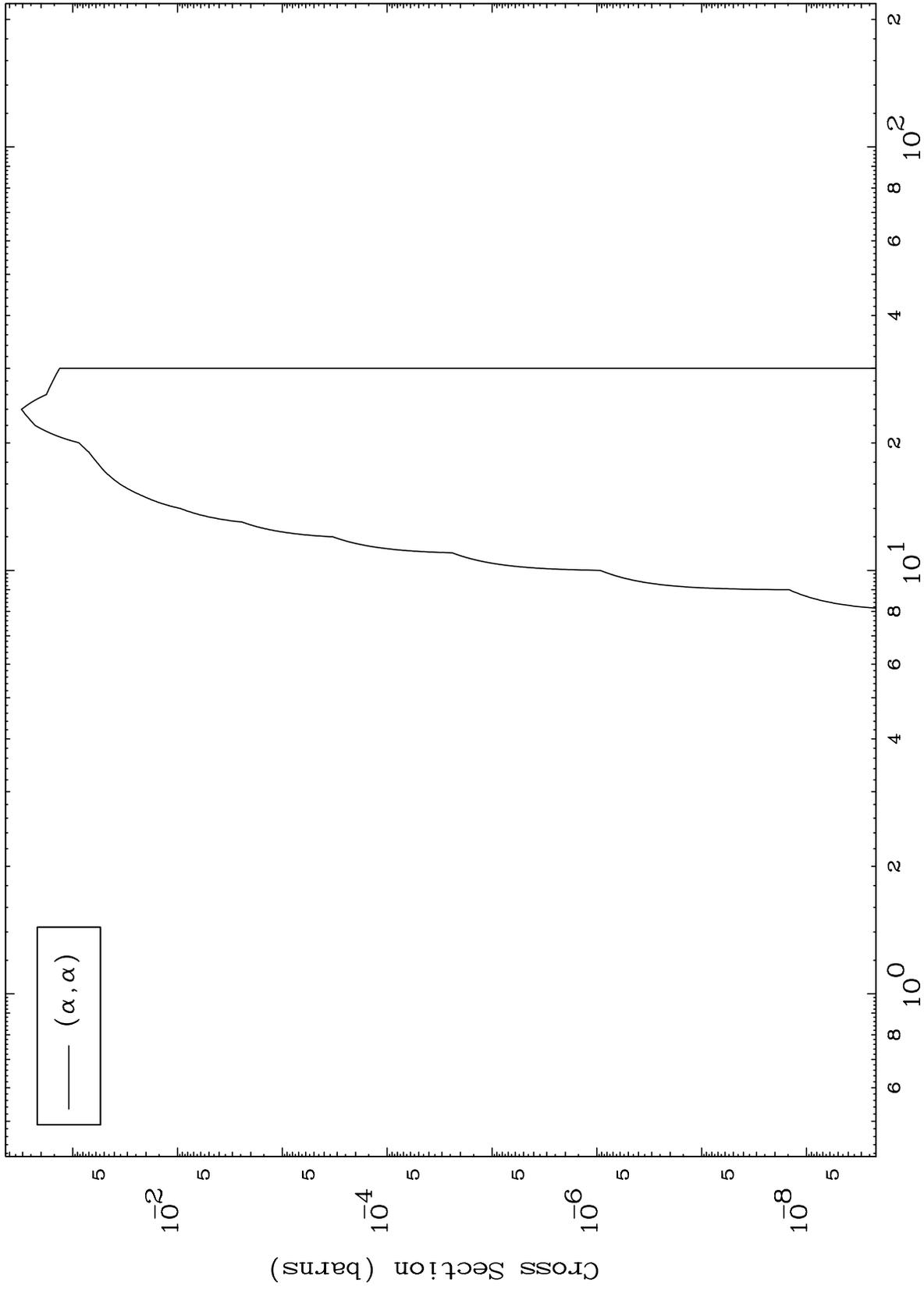
46-Pd-108



MAT 4643

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

46-Pd-108



10

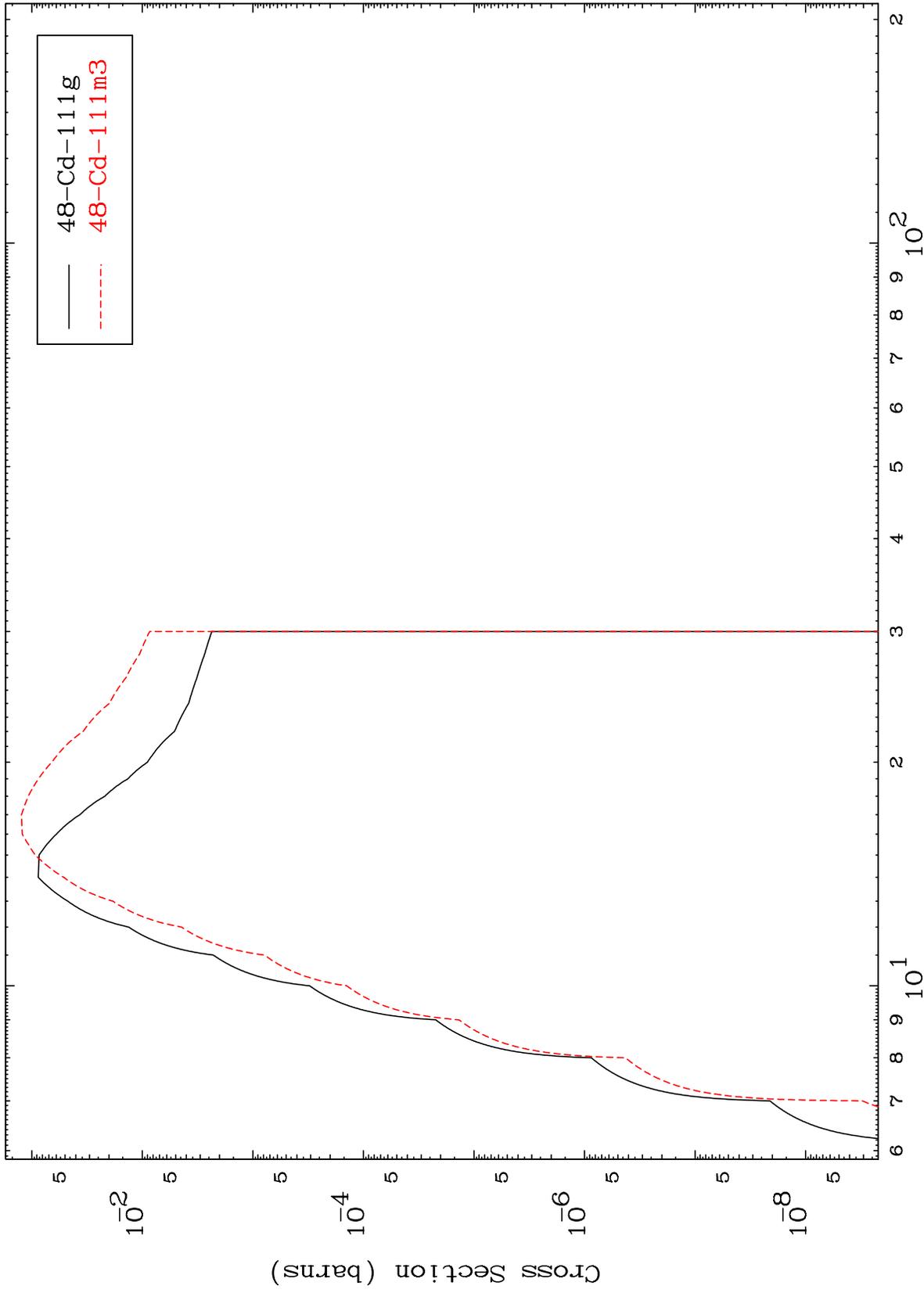
Incident Energy (MeV)

46-Pd-108

MAT 4643

46-Pd-108

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

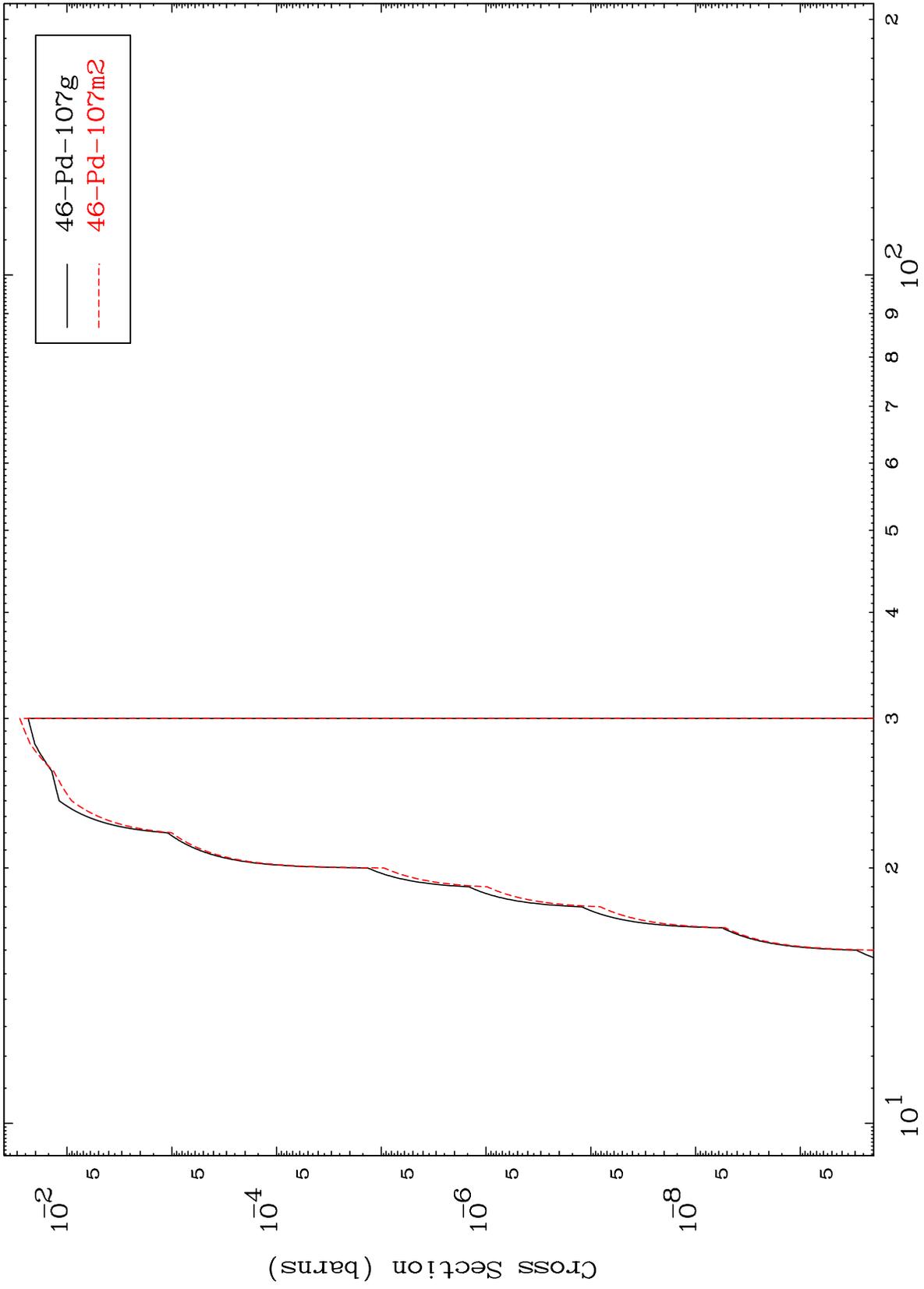
46-Pd-108

MAT 4643

$(\alpha, n')$   $\alpha$

46-Pd-108

Radionuclide Production Cross Section



12

Incident Energy (MeV)

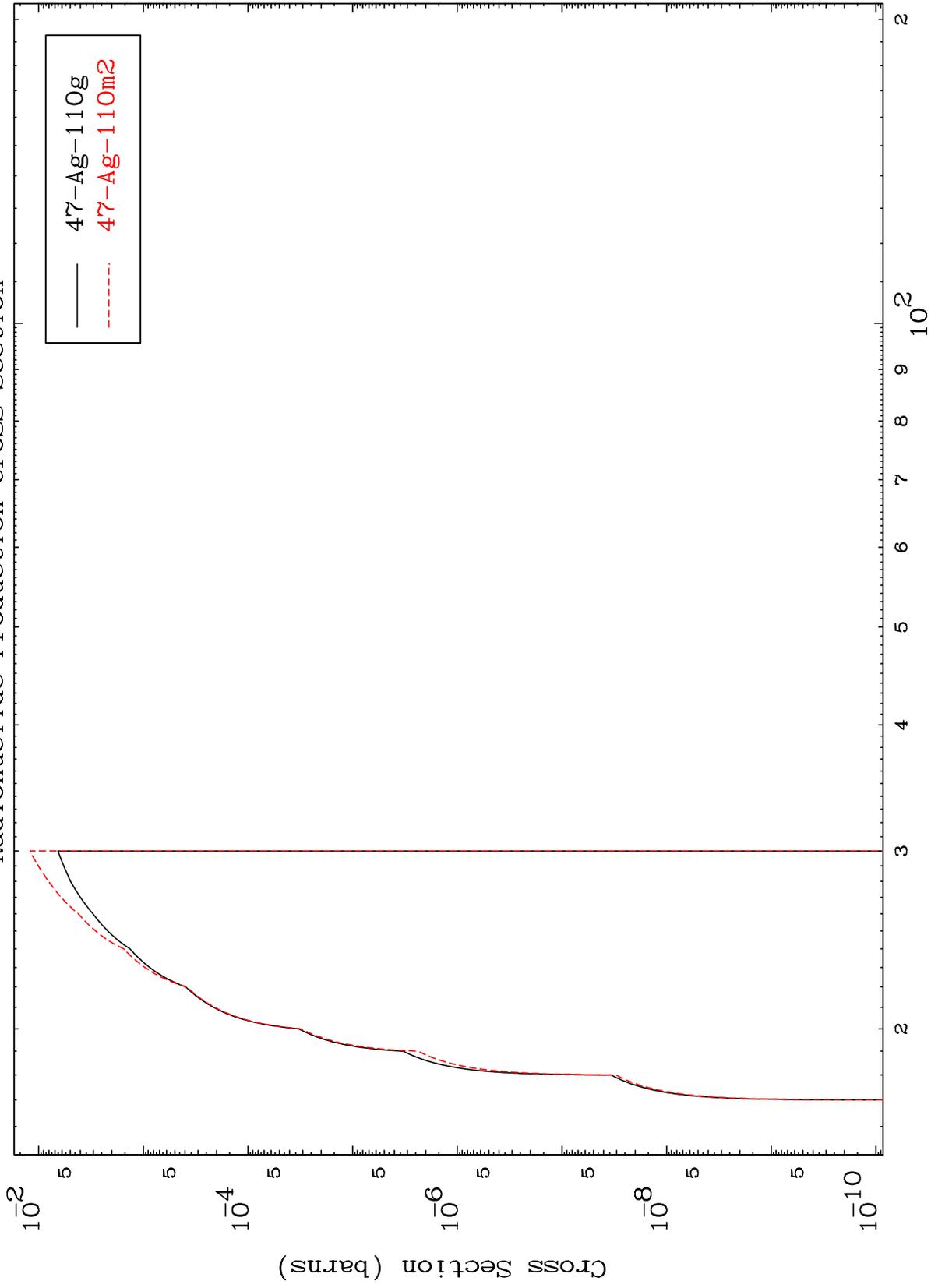
46-Pd-108

MAT 4643

$(\alpha, n')$  p

46-Pd-108

Radionuclide Production Cross Section



13

Incident Energy (MeV)

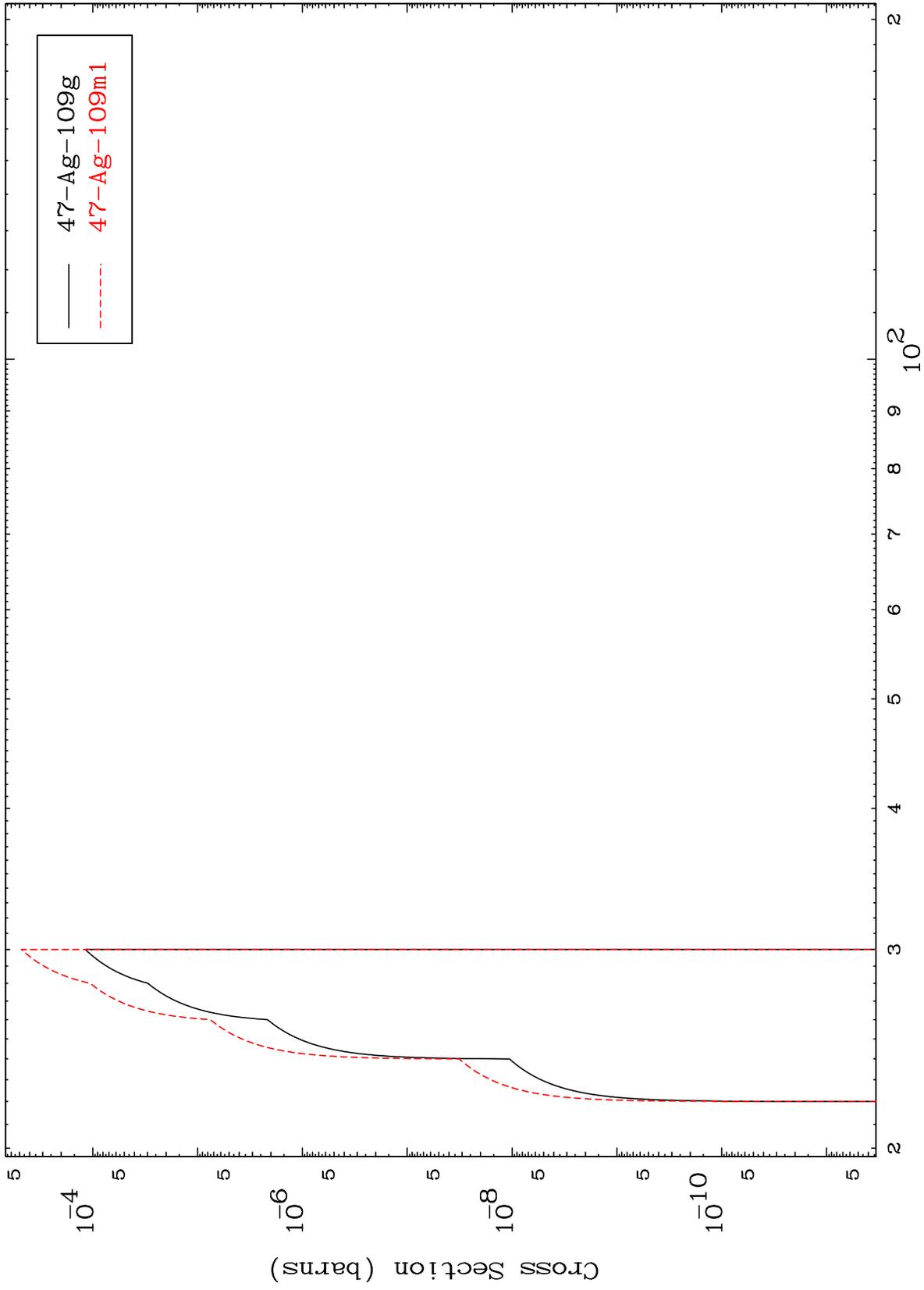
46-Pd-108

MAT 4643

( $\alpha, n'$ ) d

46-Pd-108

Radionuclide Production Cross Section



14

Incident Energy (MeV)

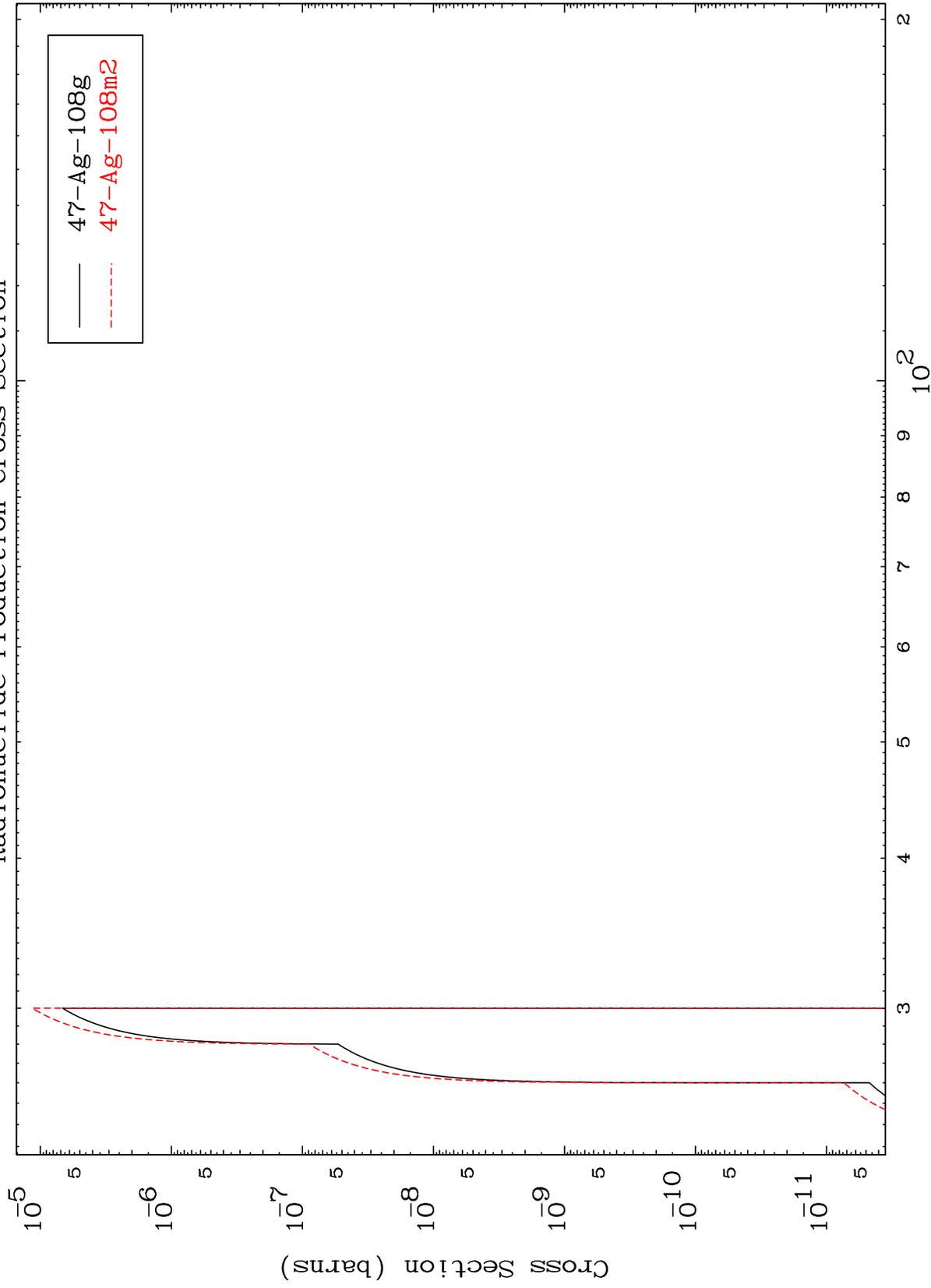
46-Pd-108

MAT 4643

( $\alpha, n'$ ) t

46-Pd-108

Radionuclide Production Cross Section



15

Incident Energy (MeV)

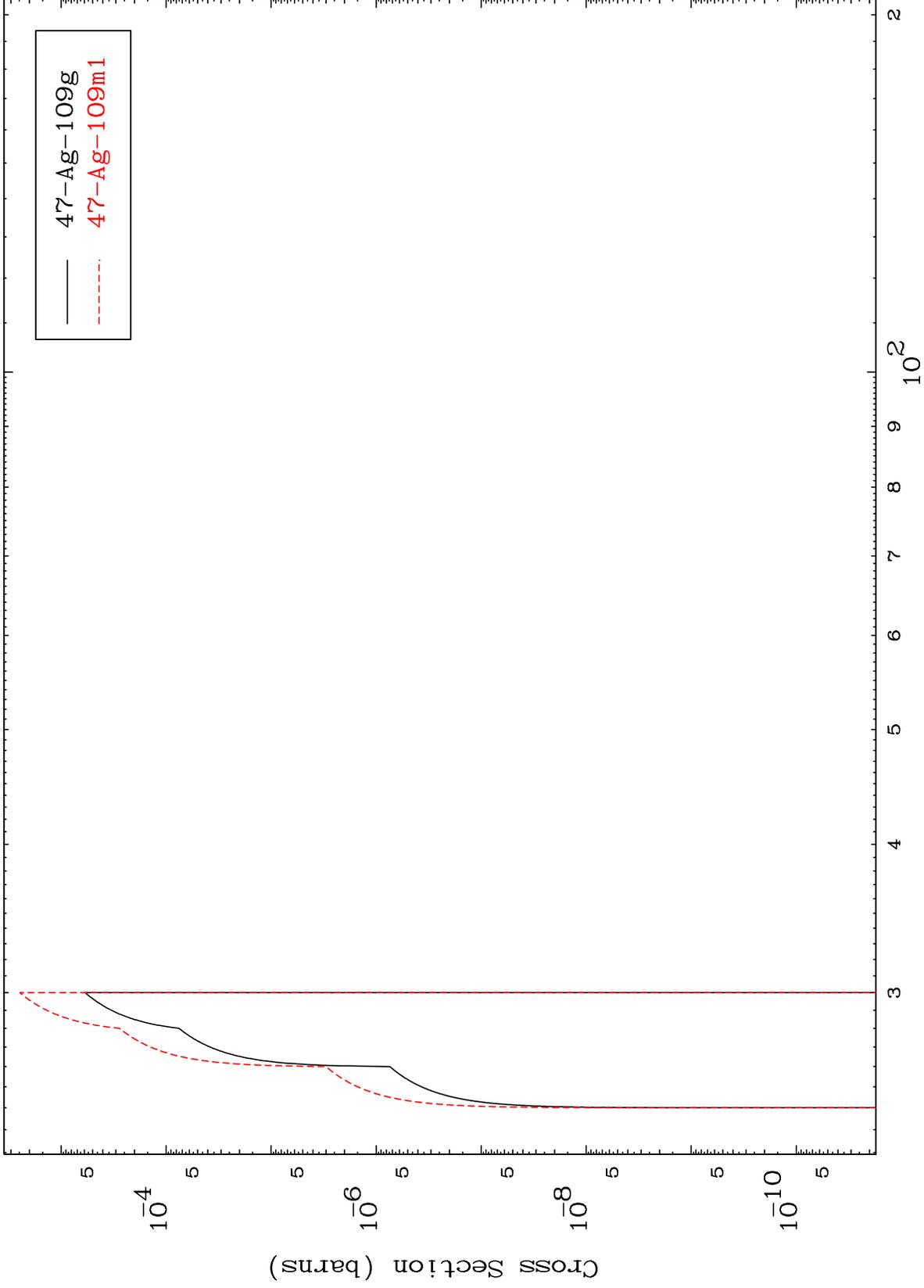
46-Pd-108

MAT 4643

( $\alpha, 2n$ ) p

46-Pd-108

Radionuclide Production Cross Section



16

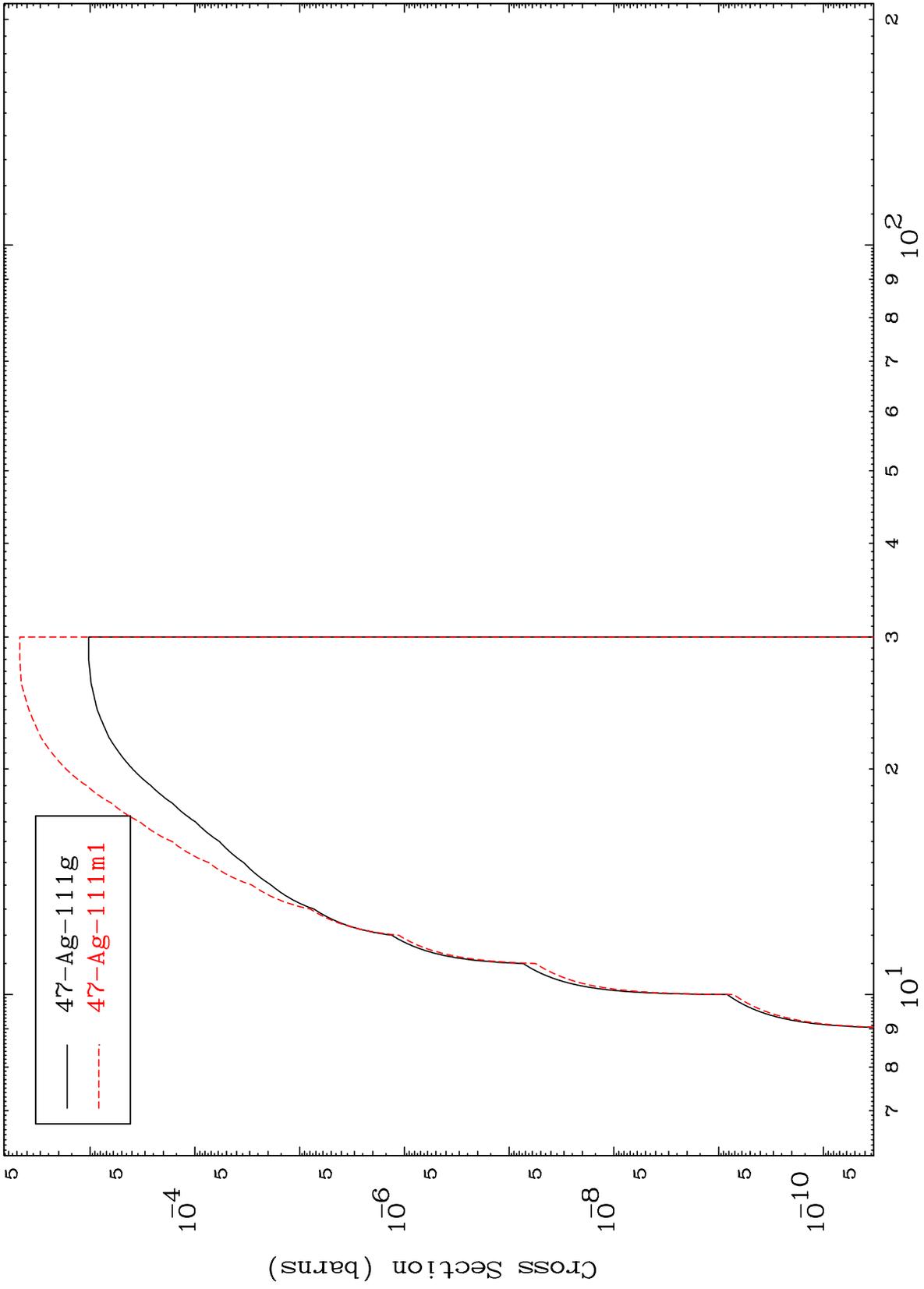
Incident Energy (MeV)

46-Pd-108

MAT 4643

46-Pd-108

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



17

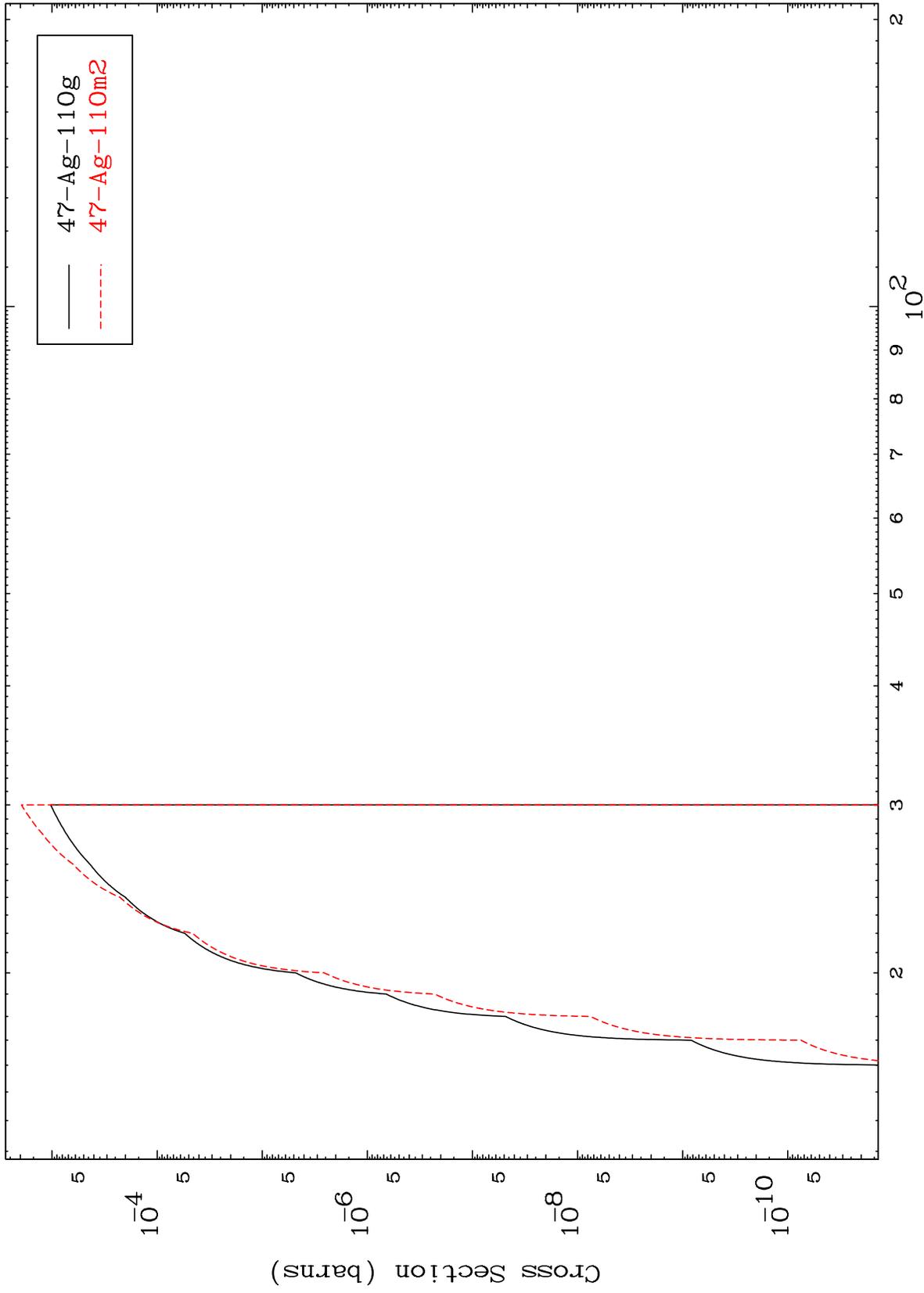
46-Pd-108

MAT 4643

( $\alpha, d$ )

46-Pd-108

Radionuclide Production Cross Section



18

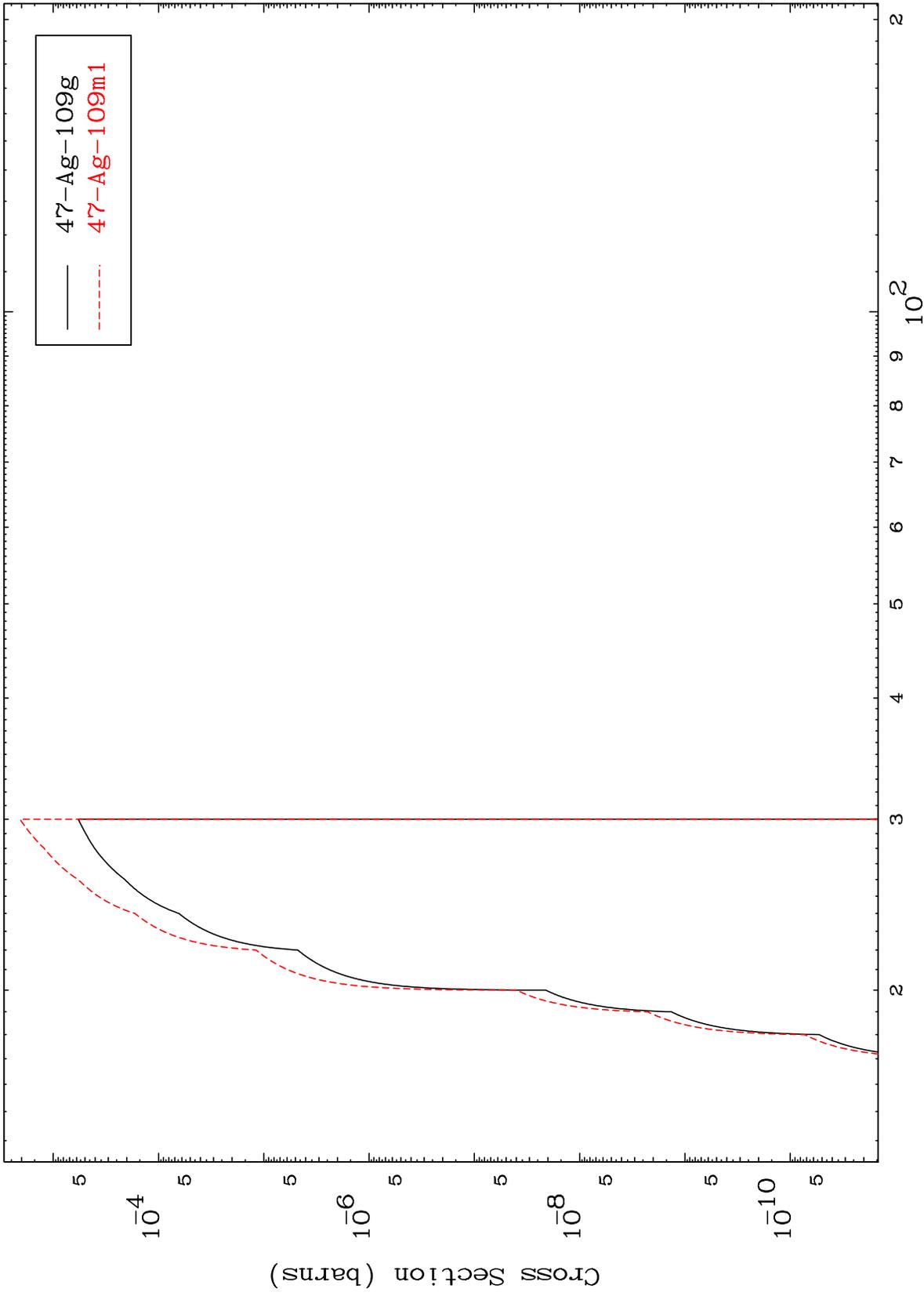
Incident Energy (MeV)

46-Pd-108

MAT 4643

46-Pd-108

( $\alpha, t$ )  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

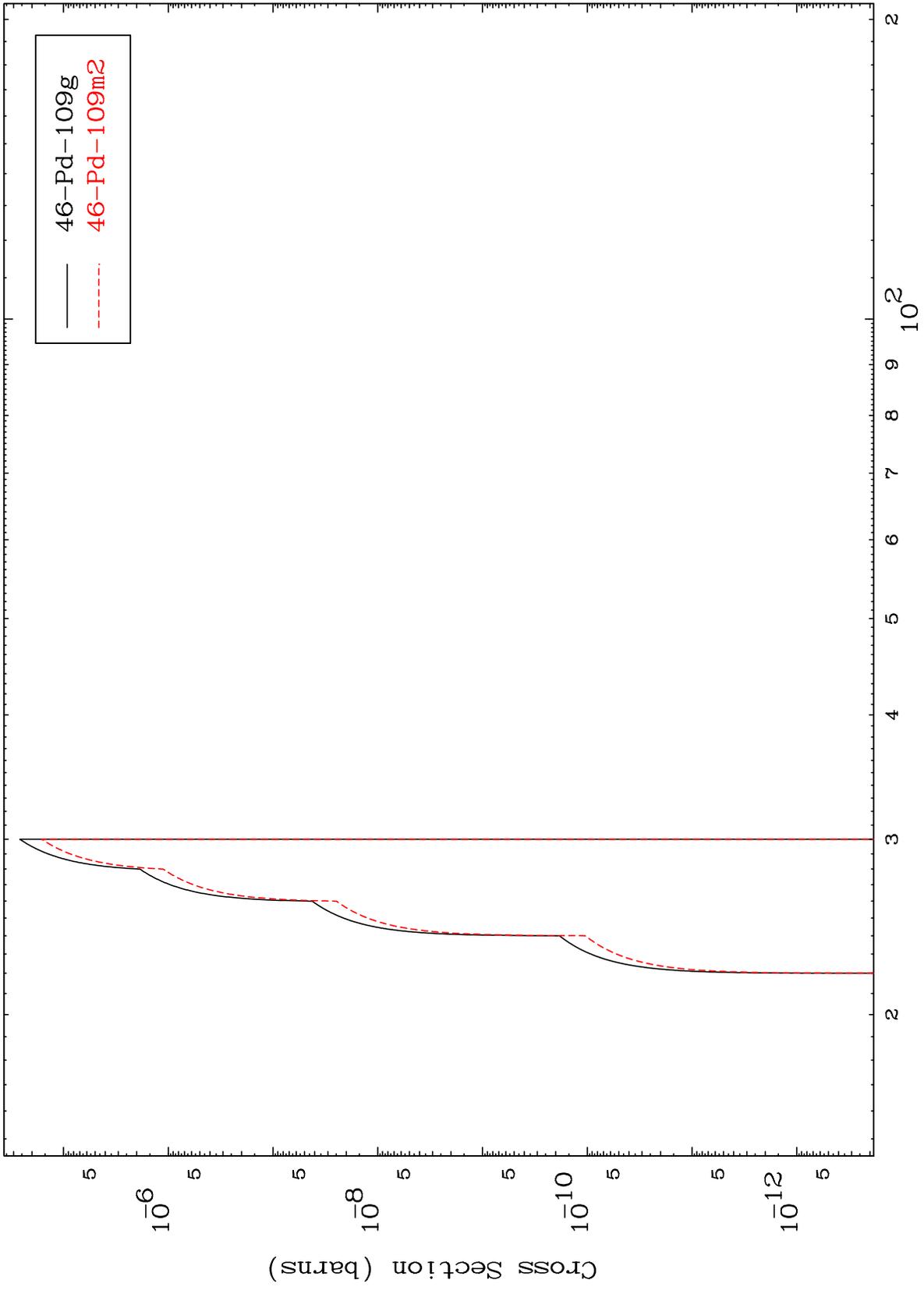
46-Pd-108

MAT 4643

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

46-Pd-108

Radionuclide Production Cross Section



20

Incident Energy (MeV)

46-Pd-108