

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

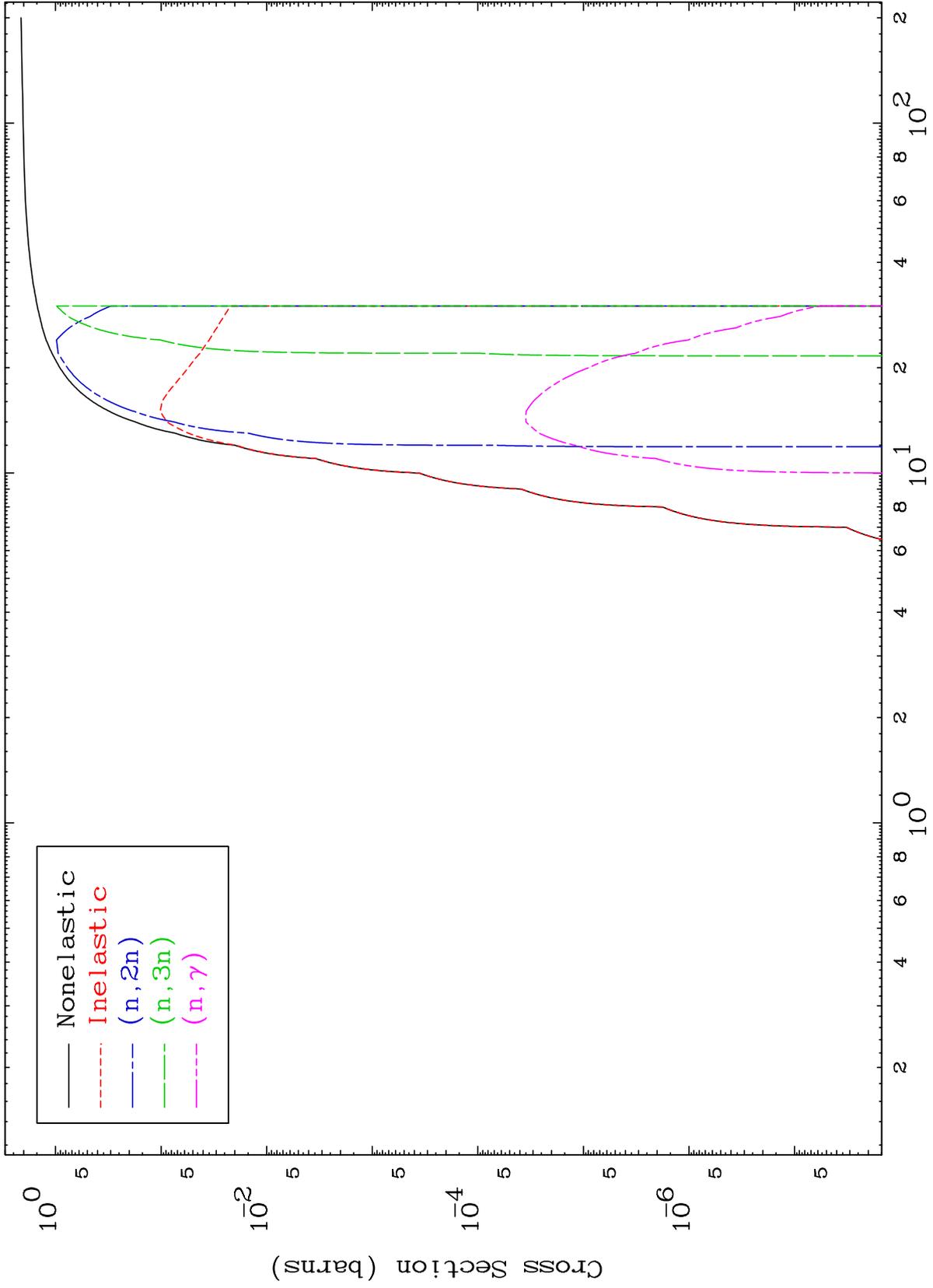
Press Mouse Button to Start

MAT 4649

α Major

46-Pd-110

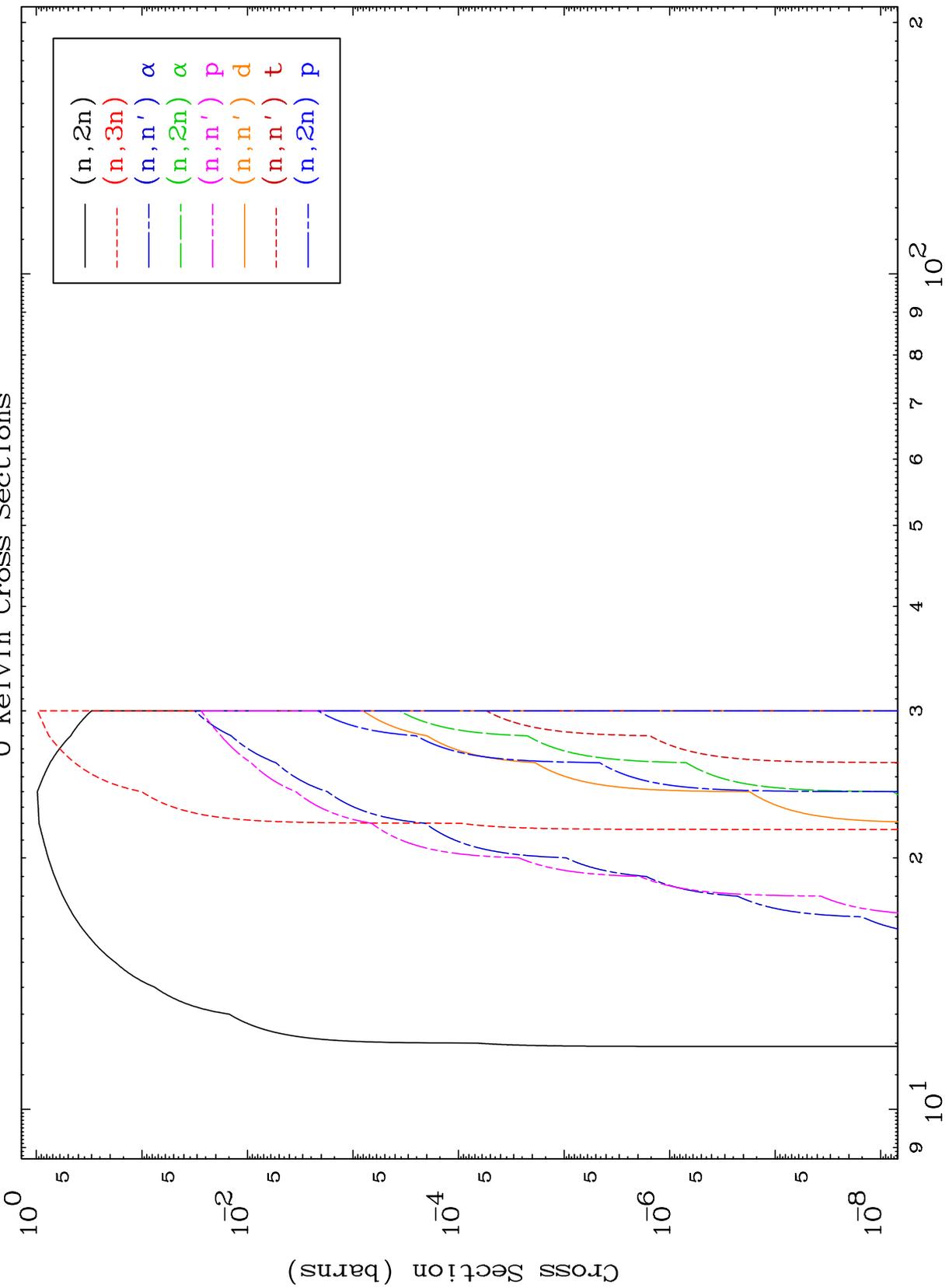
0 Kelvin Cross Sections



MAT 4649

α Neutron Absorption
0 Kelvin Cross Sections

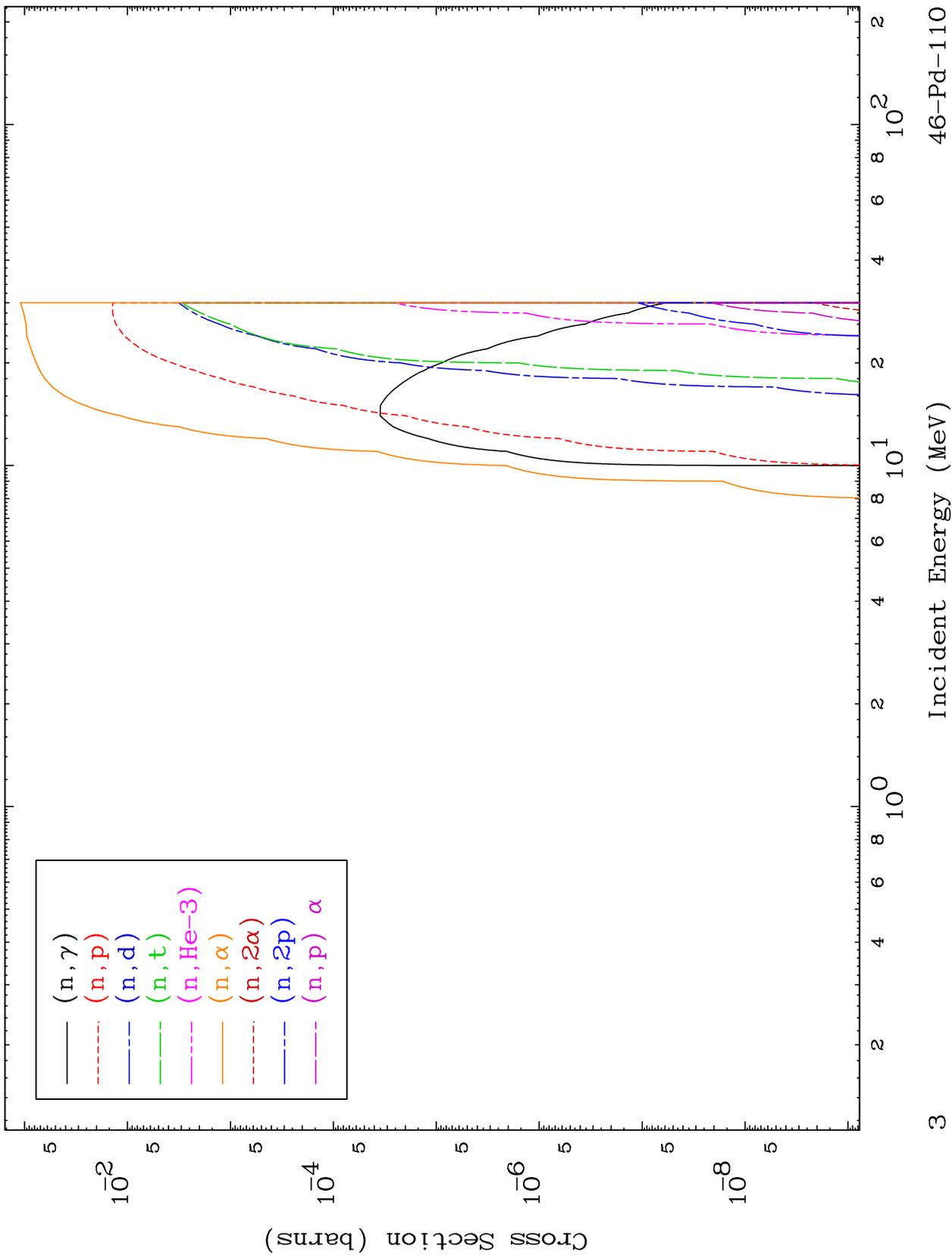
46-Pd-110

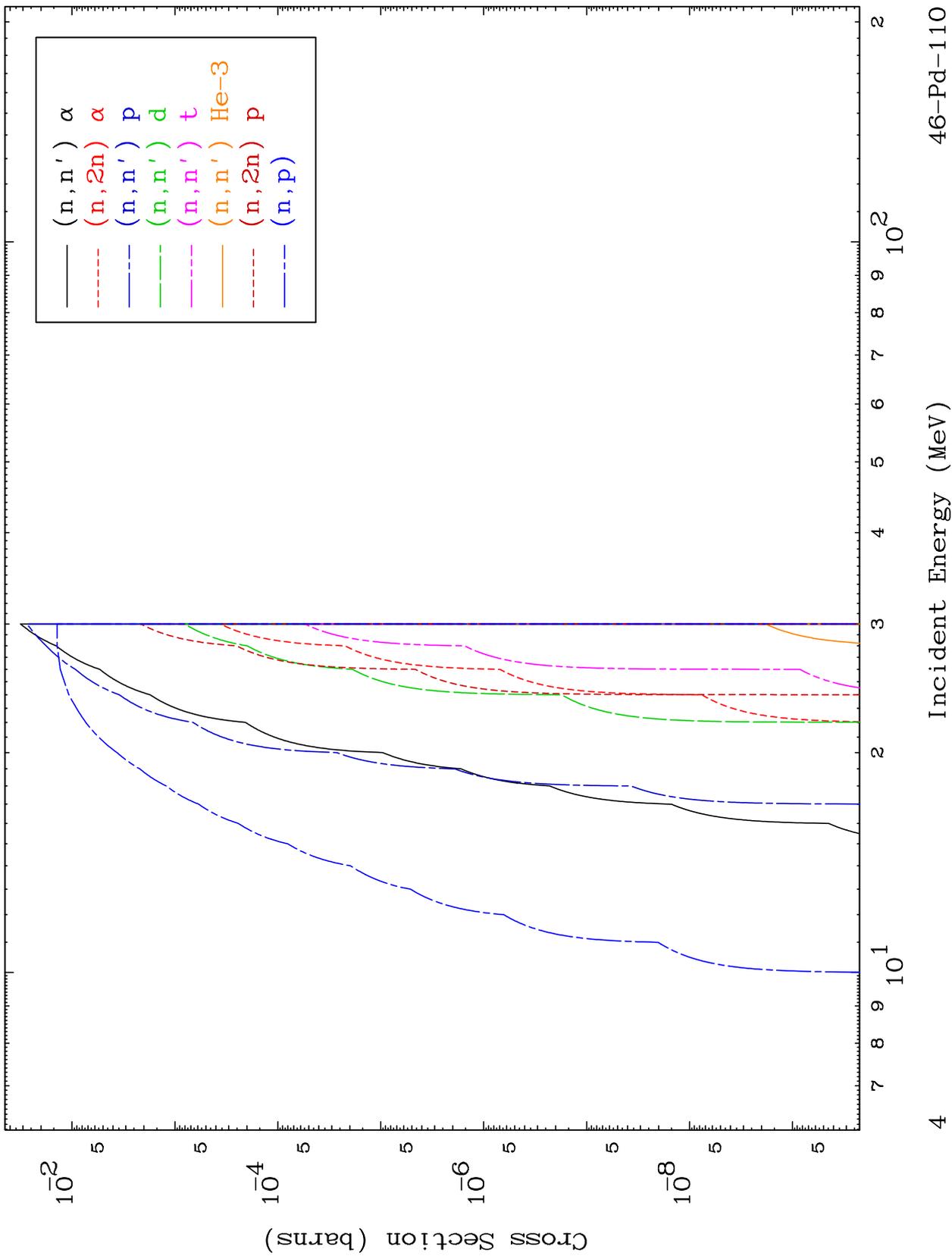


46-Pd-110

Incident Energy (MeV)

2

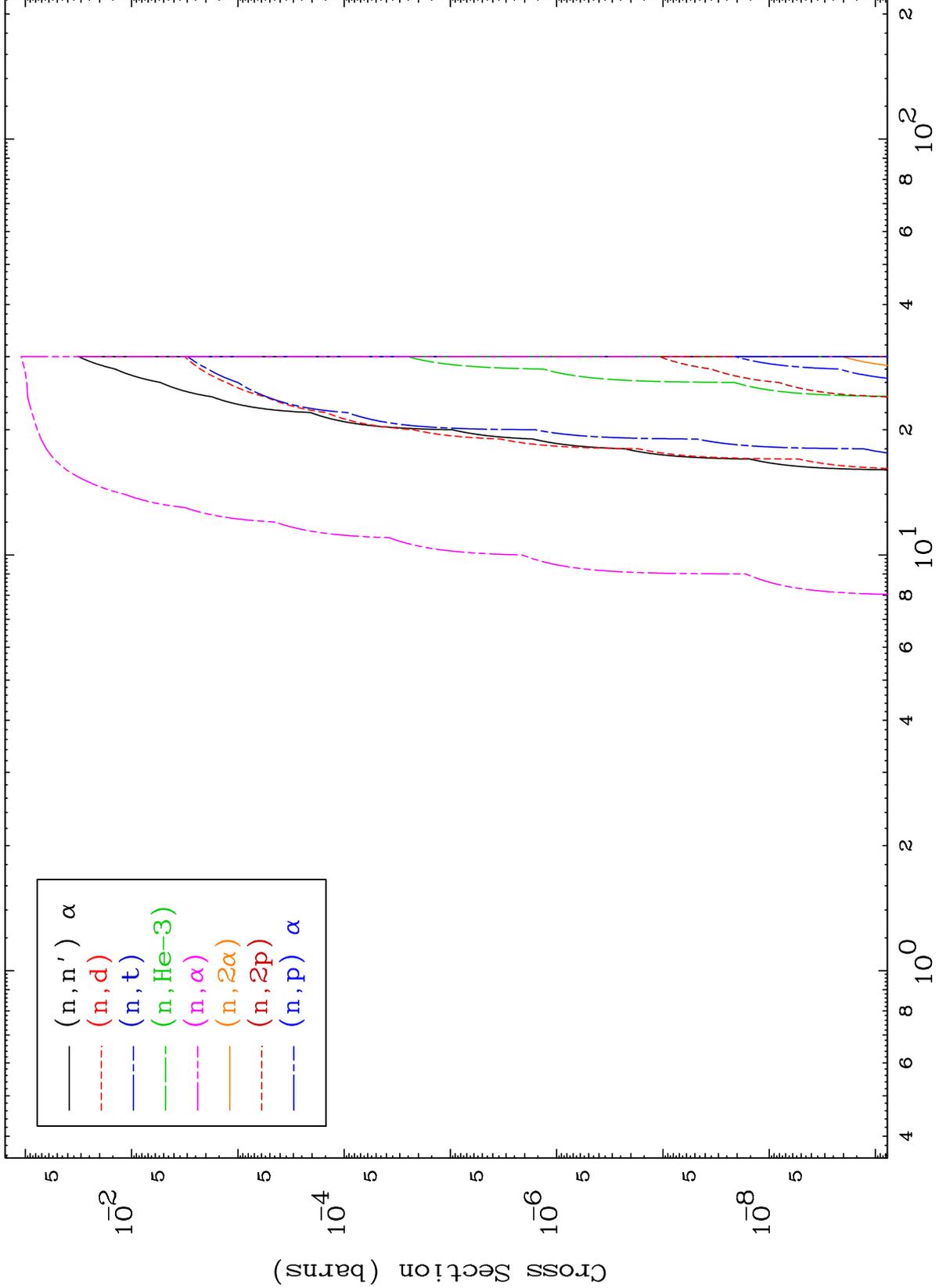




MAT 4649

α Charged Particle
0 Kelvin Cross Sections

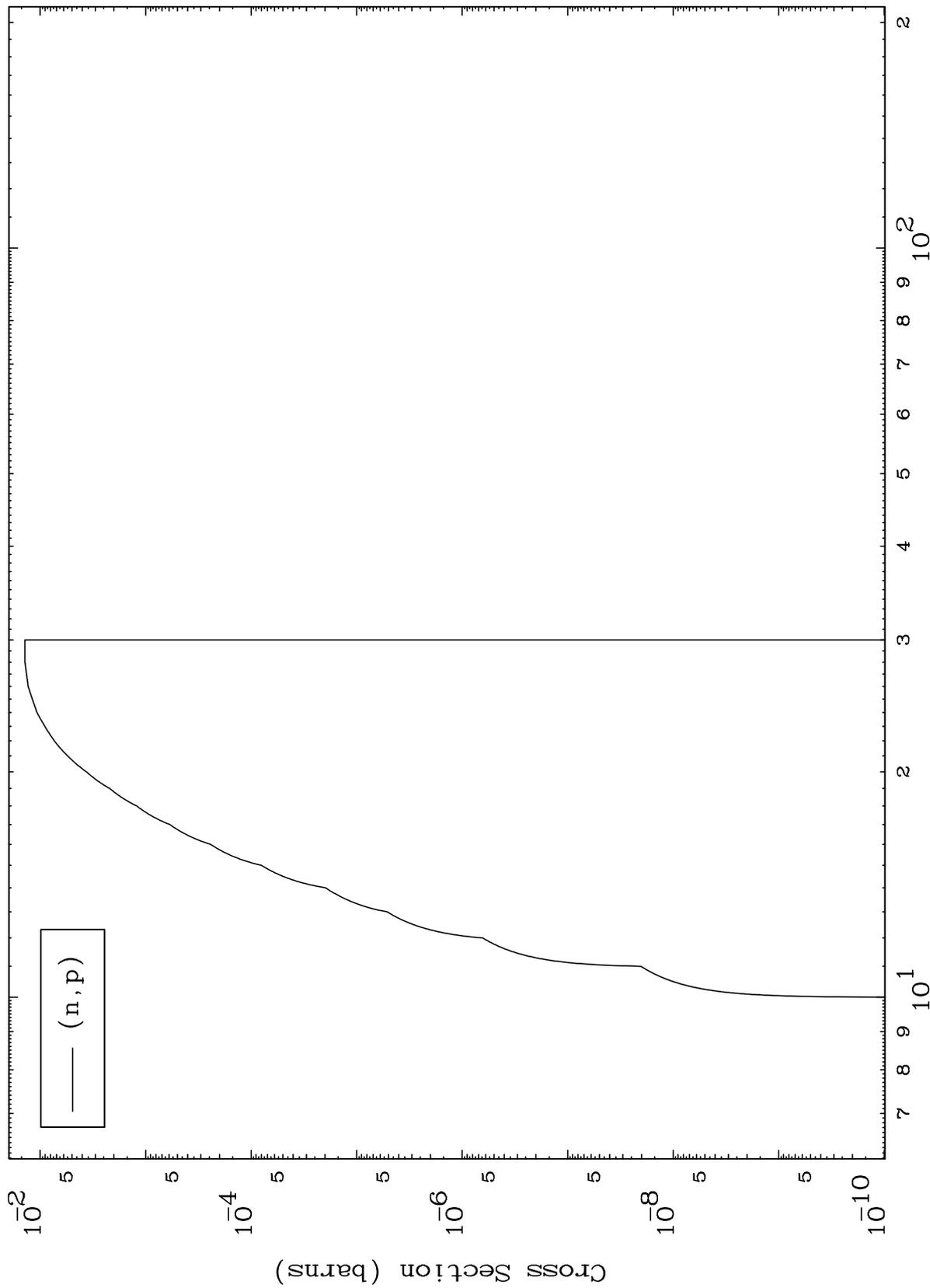
46-Pd-110



MAT 4649

(α, p) Levels
0 Kelvin Cross Sections

46-Pd-110



6

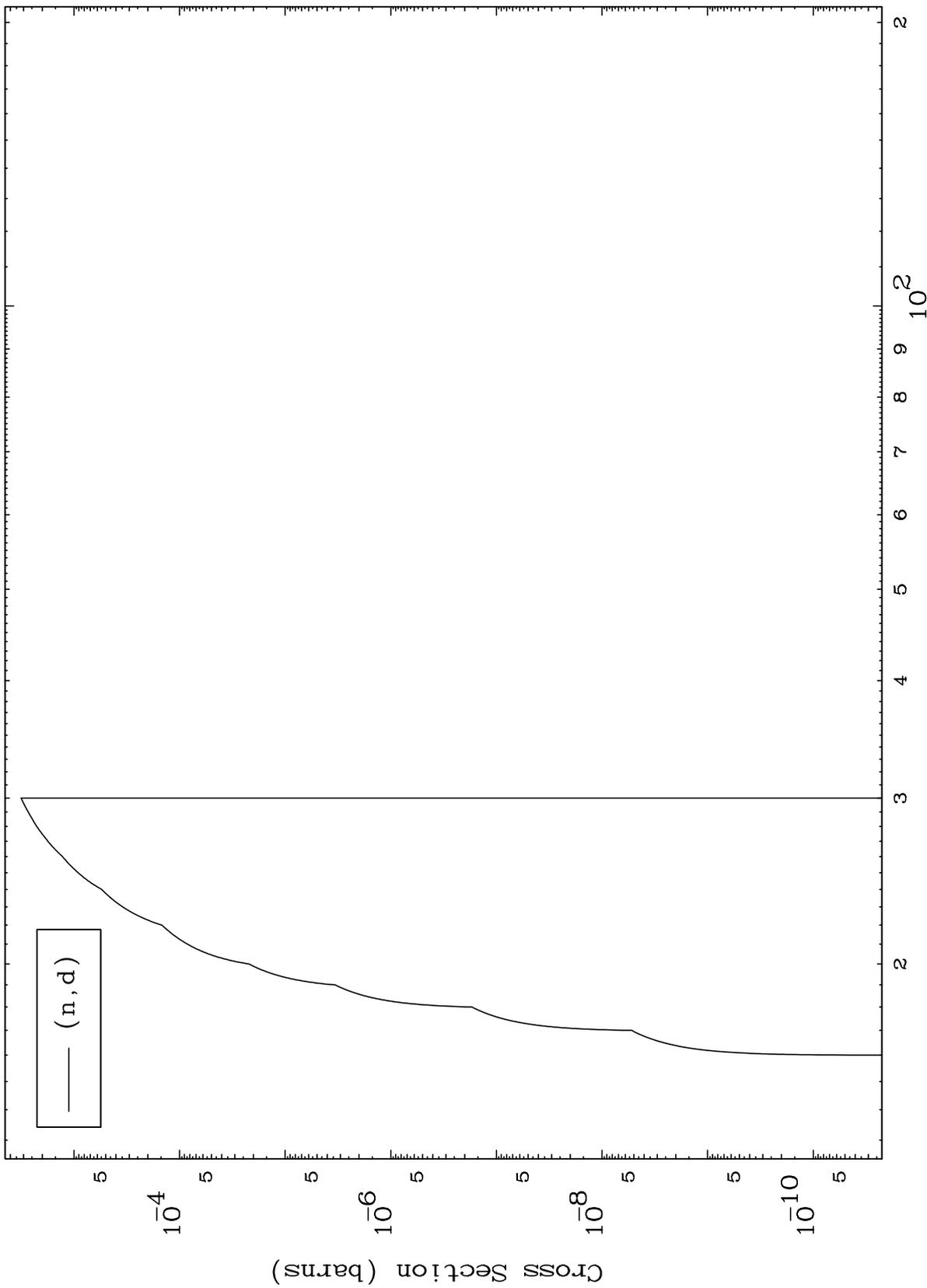
Incident Energy (MeV)

46-Pd-110

MAT 4649

46-Pd-110

(α, d) Levels
0 Kelvin Cross Sections



46-Pd-110

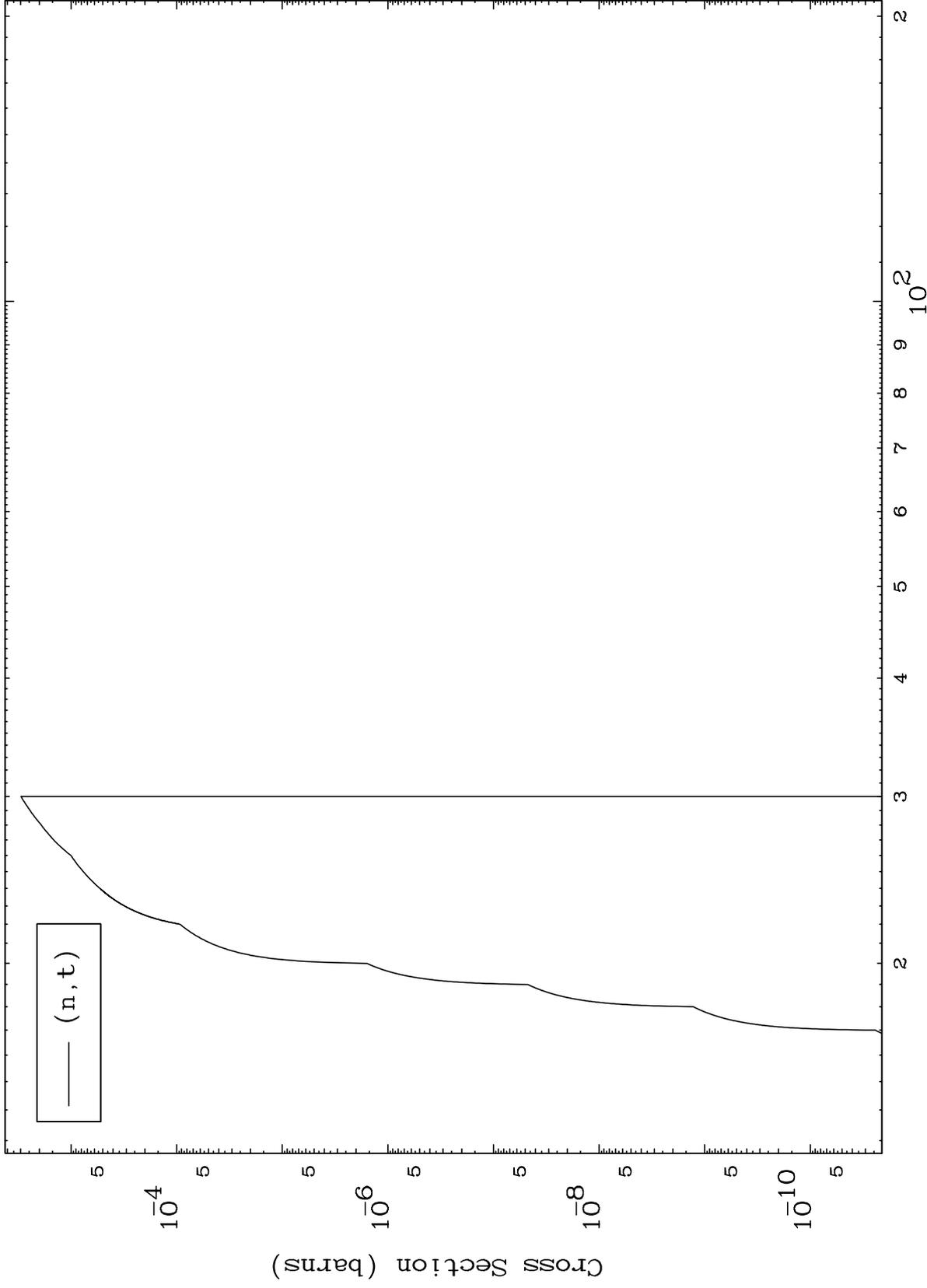
Incident Energy (MeV)

7

MAT 4649

(α, t) Levels
0 Kelvin Cross Sections

46-Pd-110

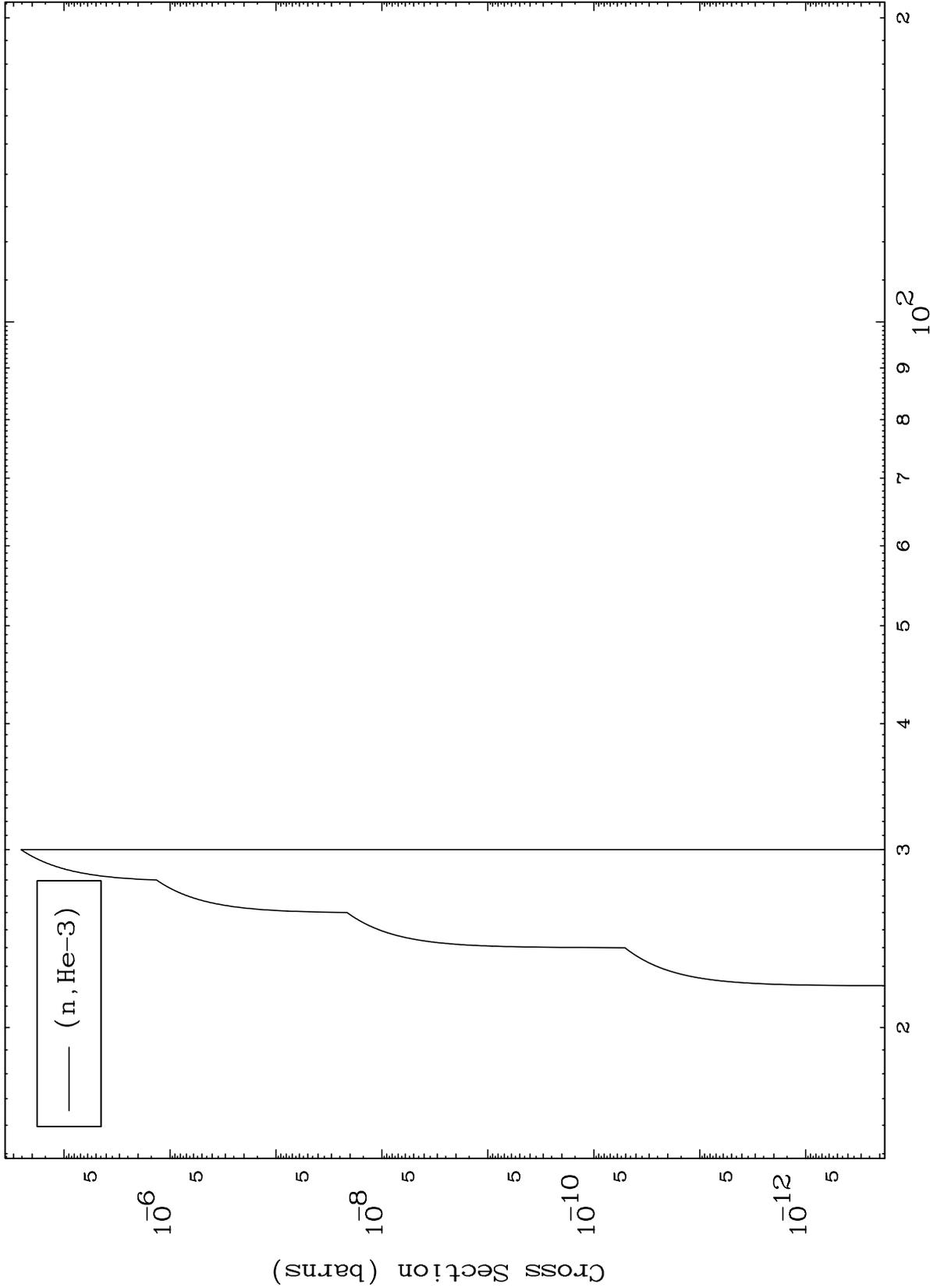


8

Incident Energy (MeV)

46-Pd-110

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

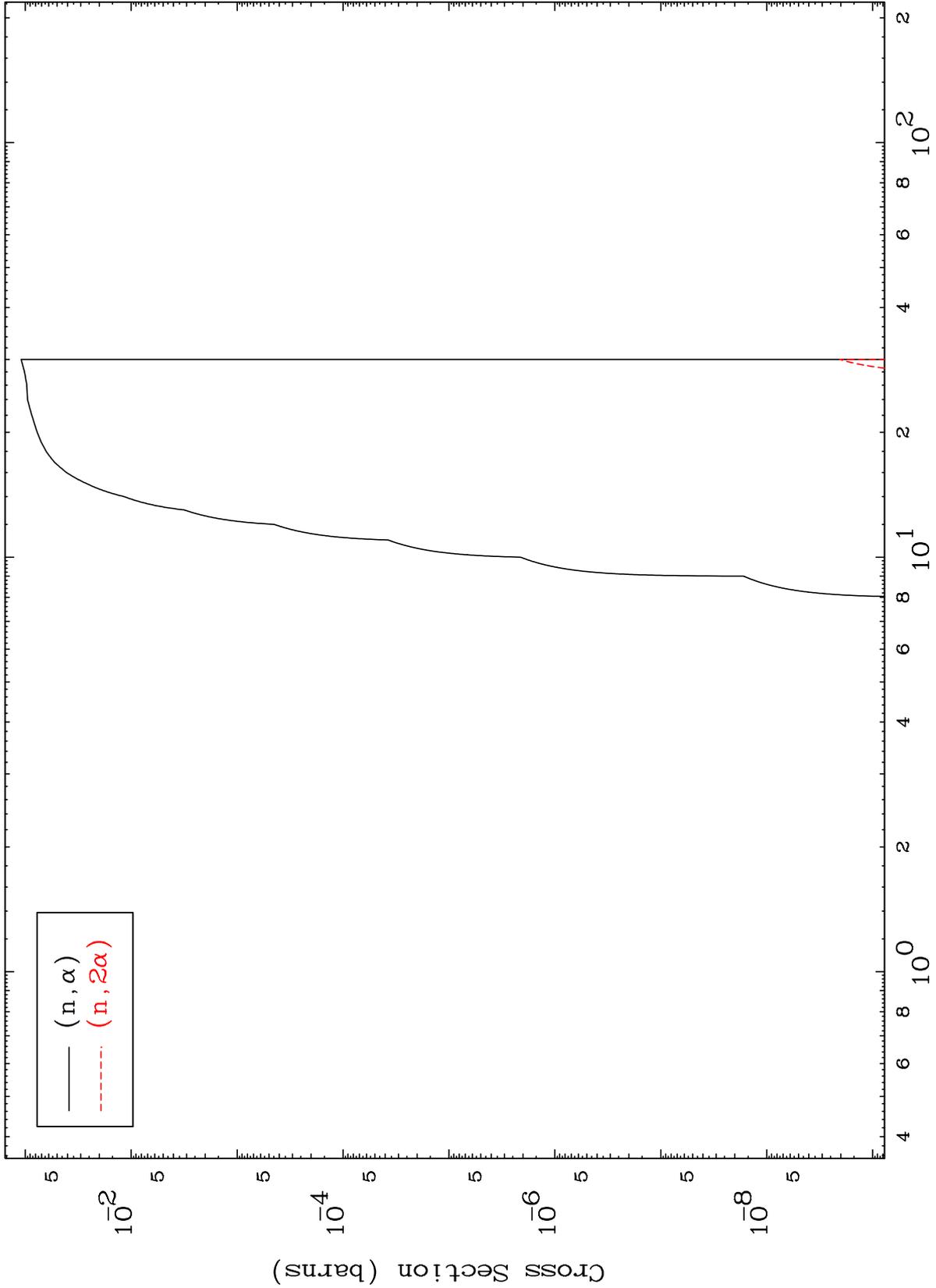


MAT 4649

(α, α) Levels

46-Pd-110

0 Kelvin Cross Sections



10

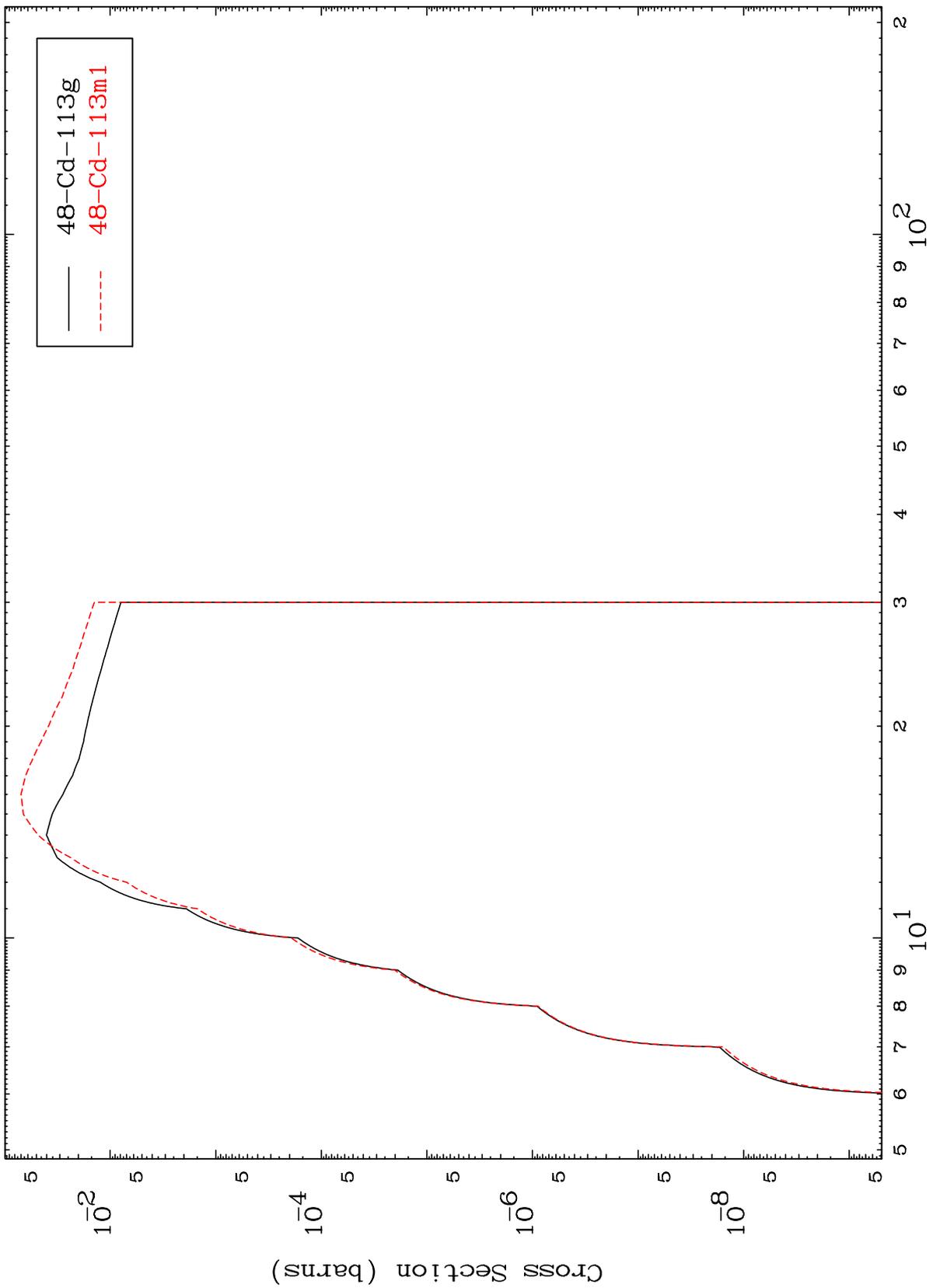
Incident Energy (MeV)

46-Pd-110

MAT 4649

46-Pd-110

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

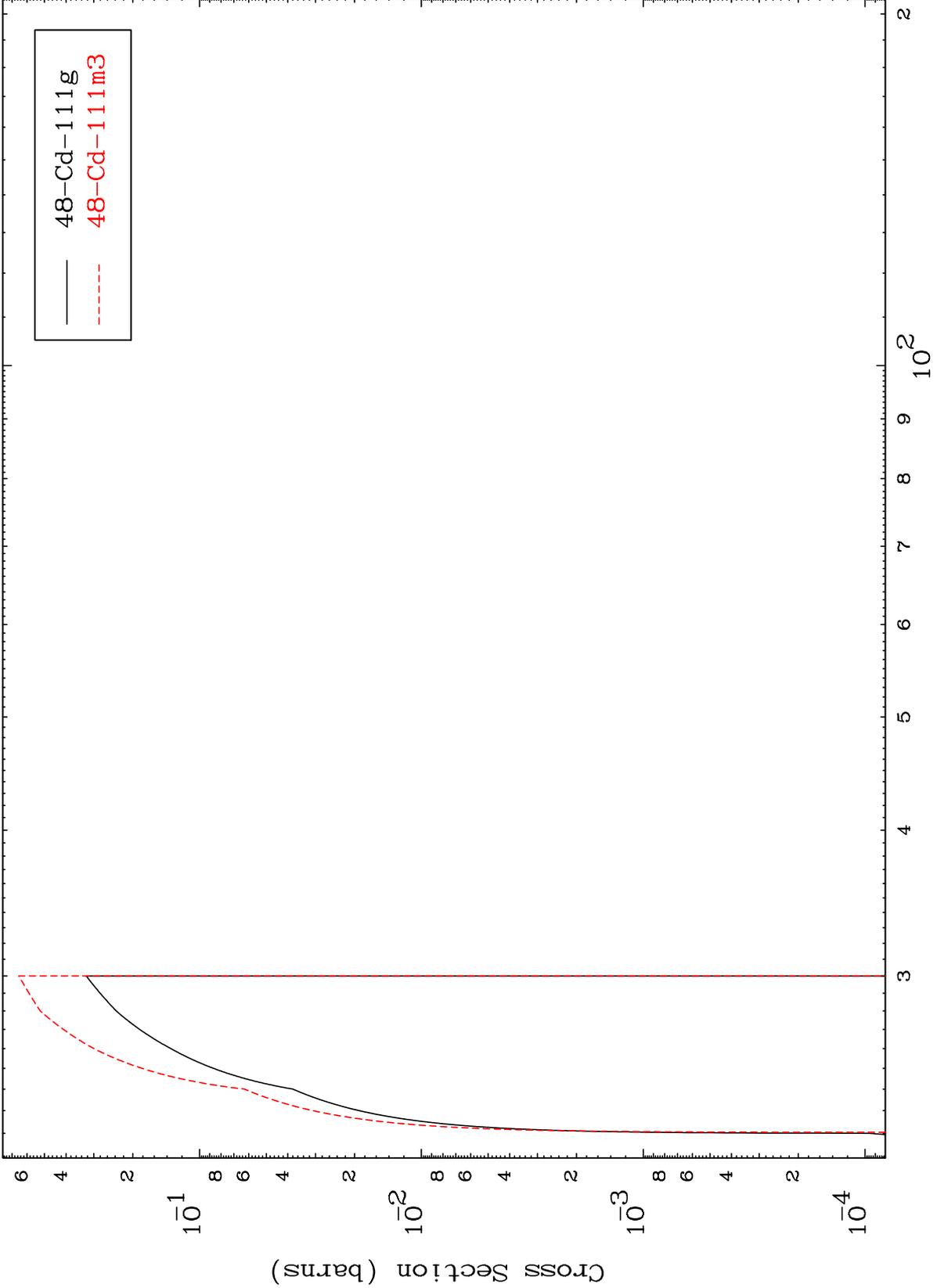
46-Pd-110

MAT 4649

(n,3n)

46-Pd-110

Radionuclide Production Cross Section



12

Incident Energy (MeV)

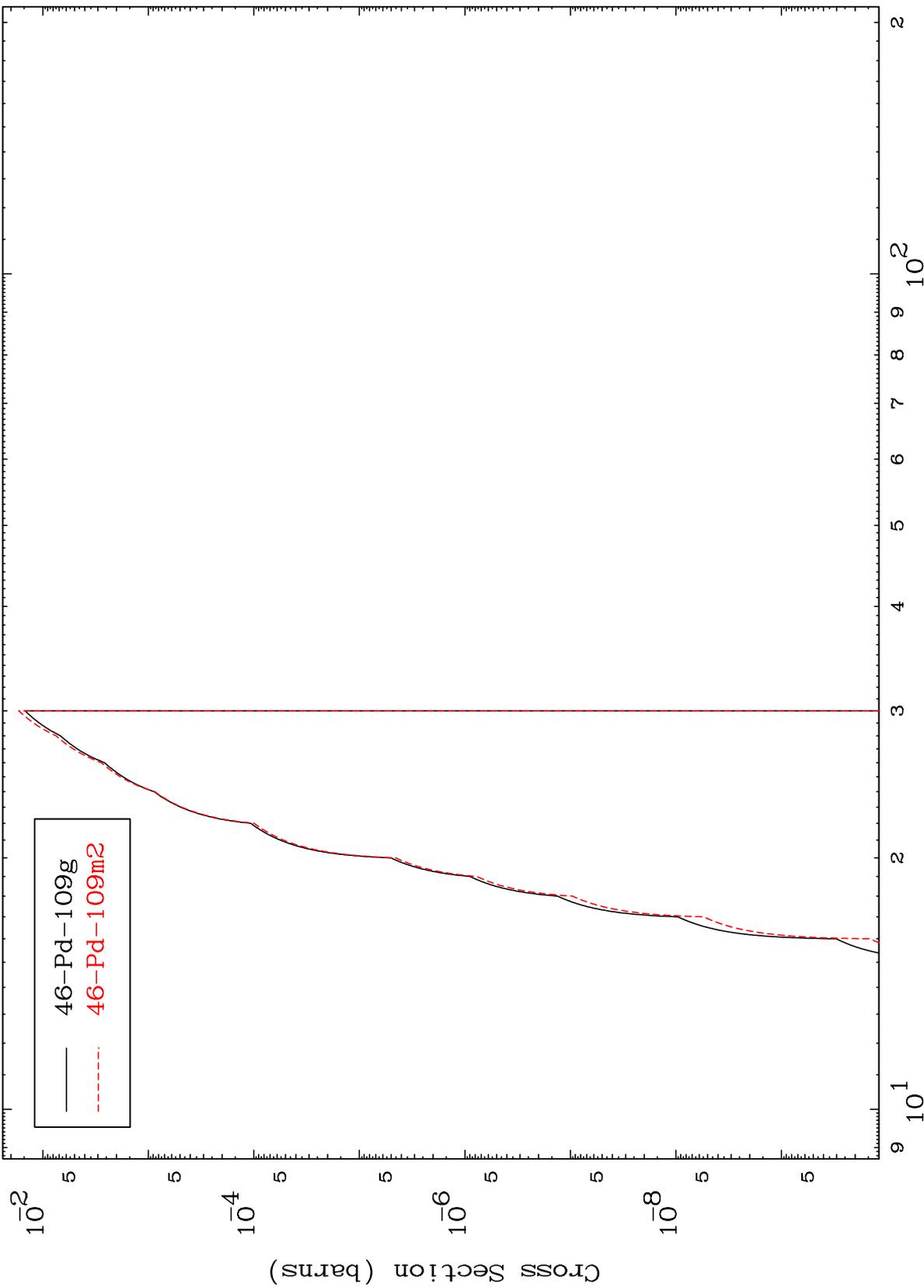
46-Pd-110

MAT 4649

$(n, n') \alpha$

46-Pd-110

Radionuclide Production Cross Section



13

Incident Energy (MeV)

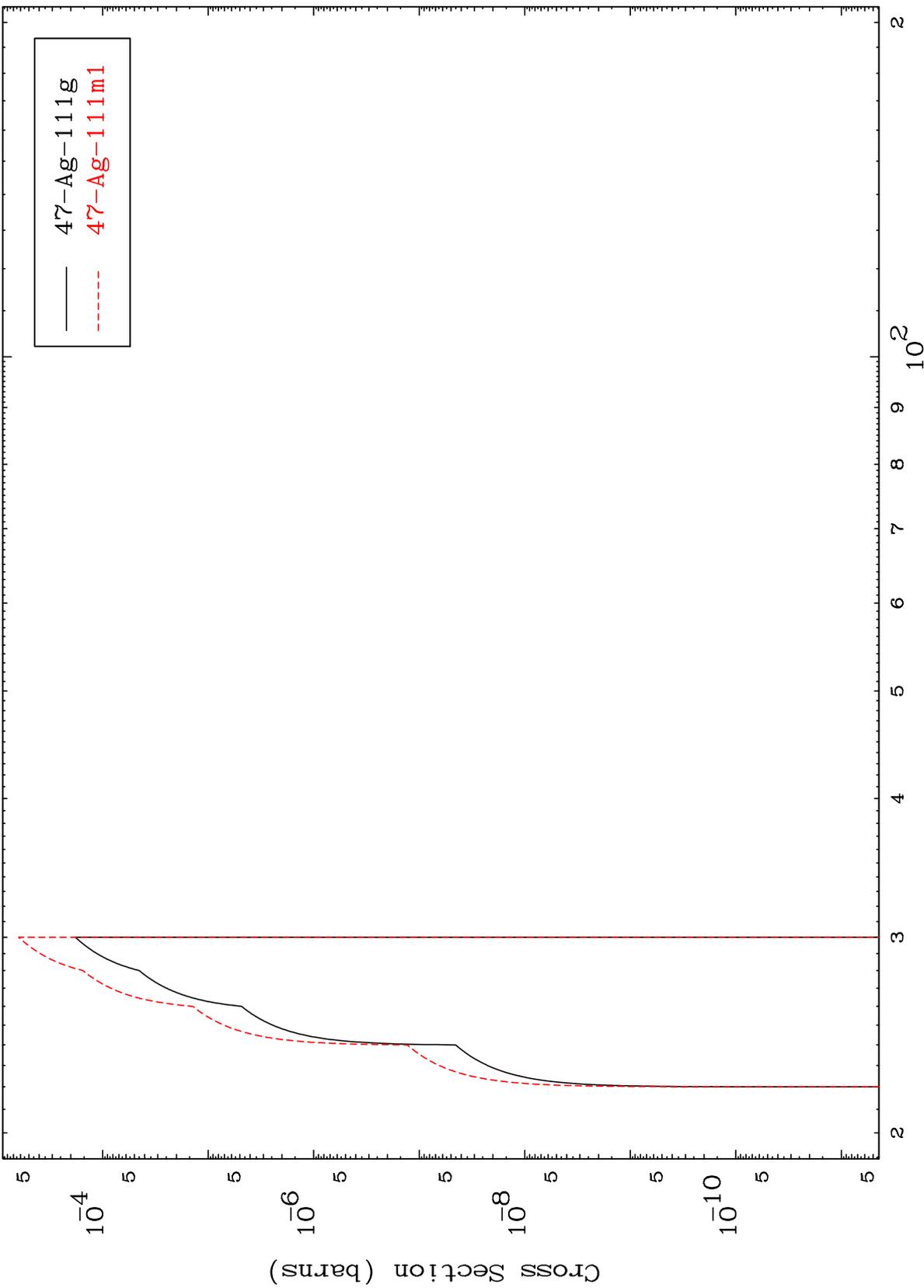
46-Pd-110

MAT 4649

(n,n') d

46-Pd-110

Radionuclide Production Cross Section



14

Incident Energy (MeV)

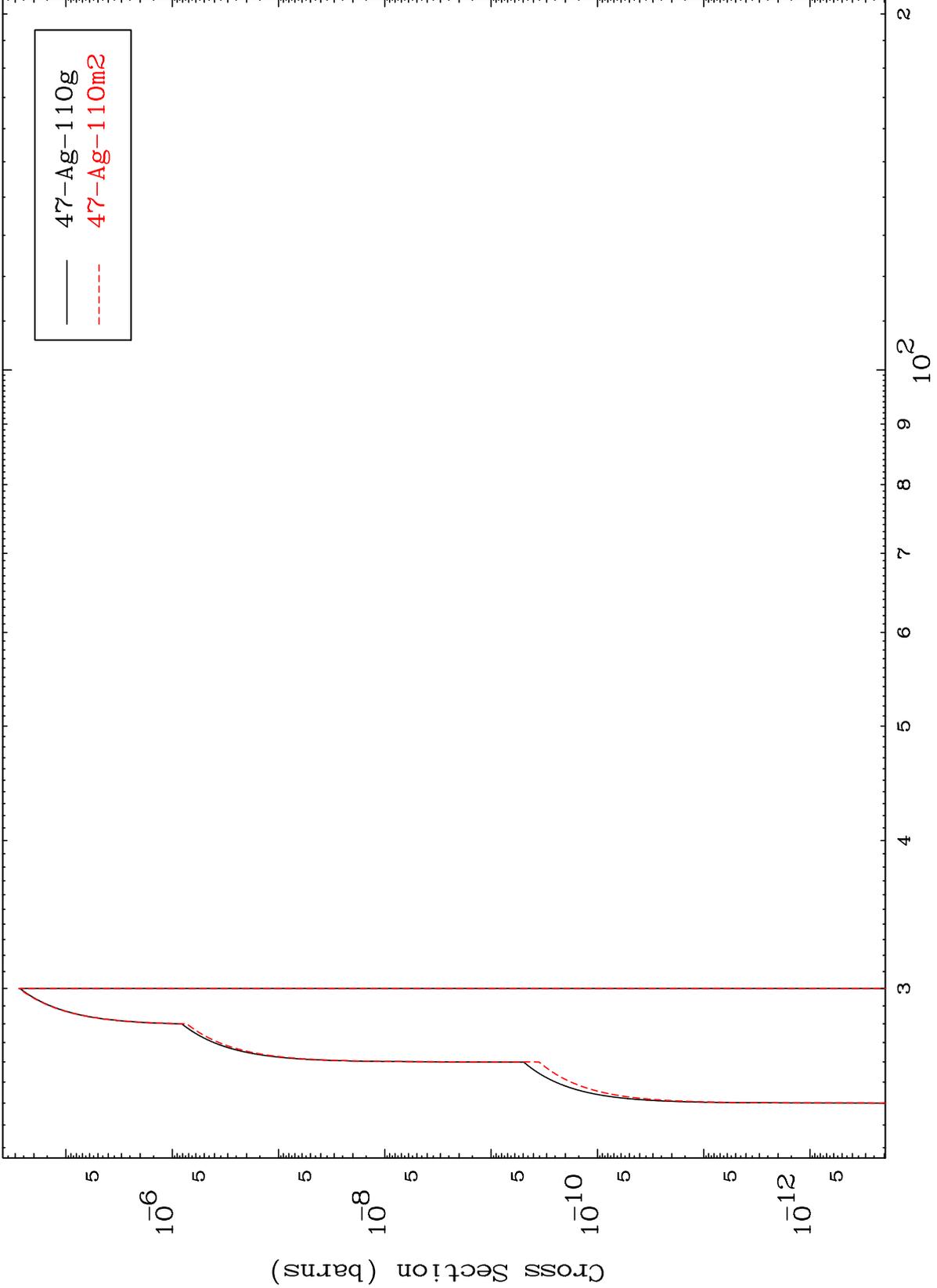
46-Pd-110

MAT 4649

(n,n') t

46-Pd-110

Radionuclide Production Cross Section



15

Incident Energy (MeV)

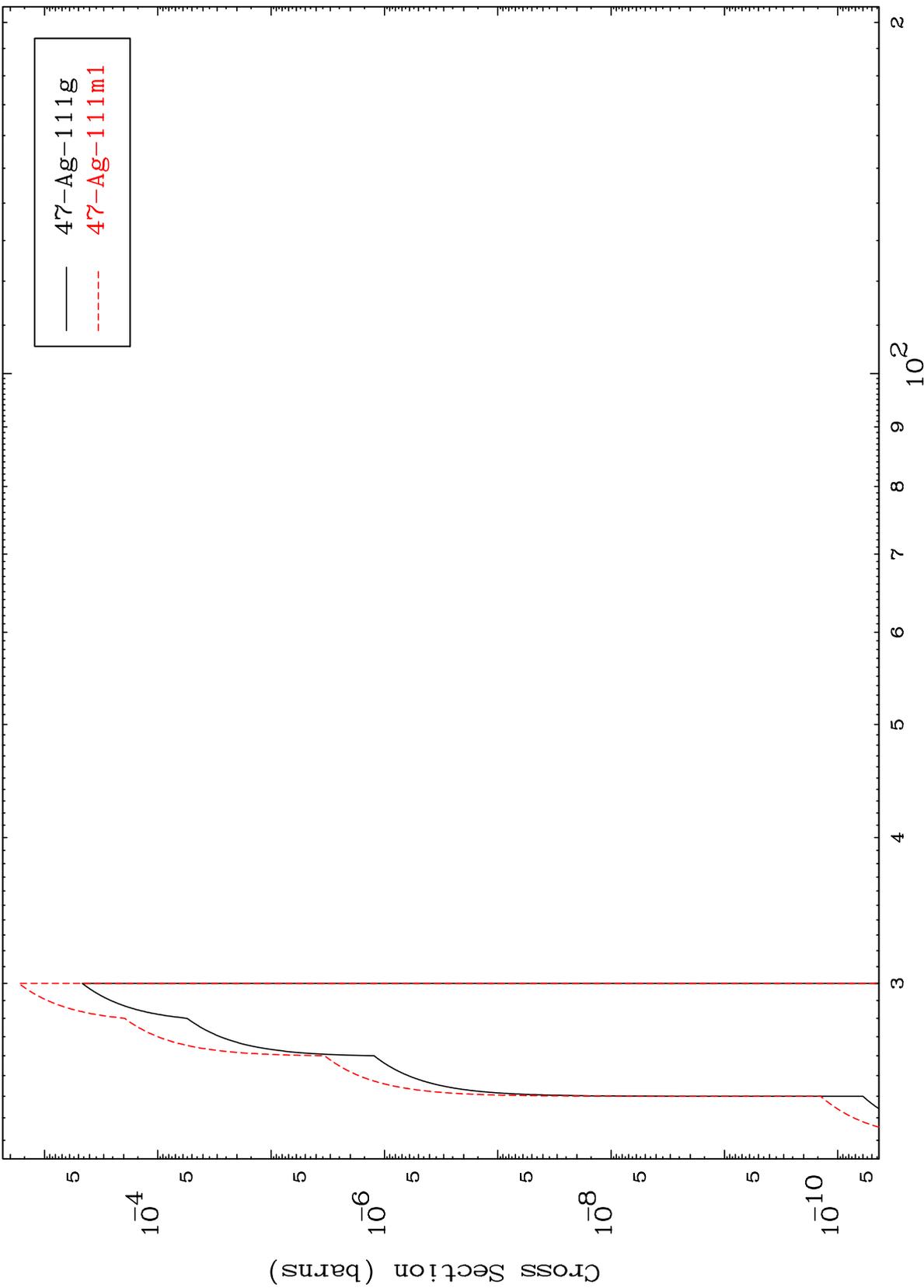
46-Pd-110

MAT 4649

(n,2n) p

46-Pd-110

Radionuclide Production Cross Section



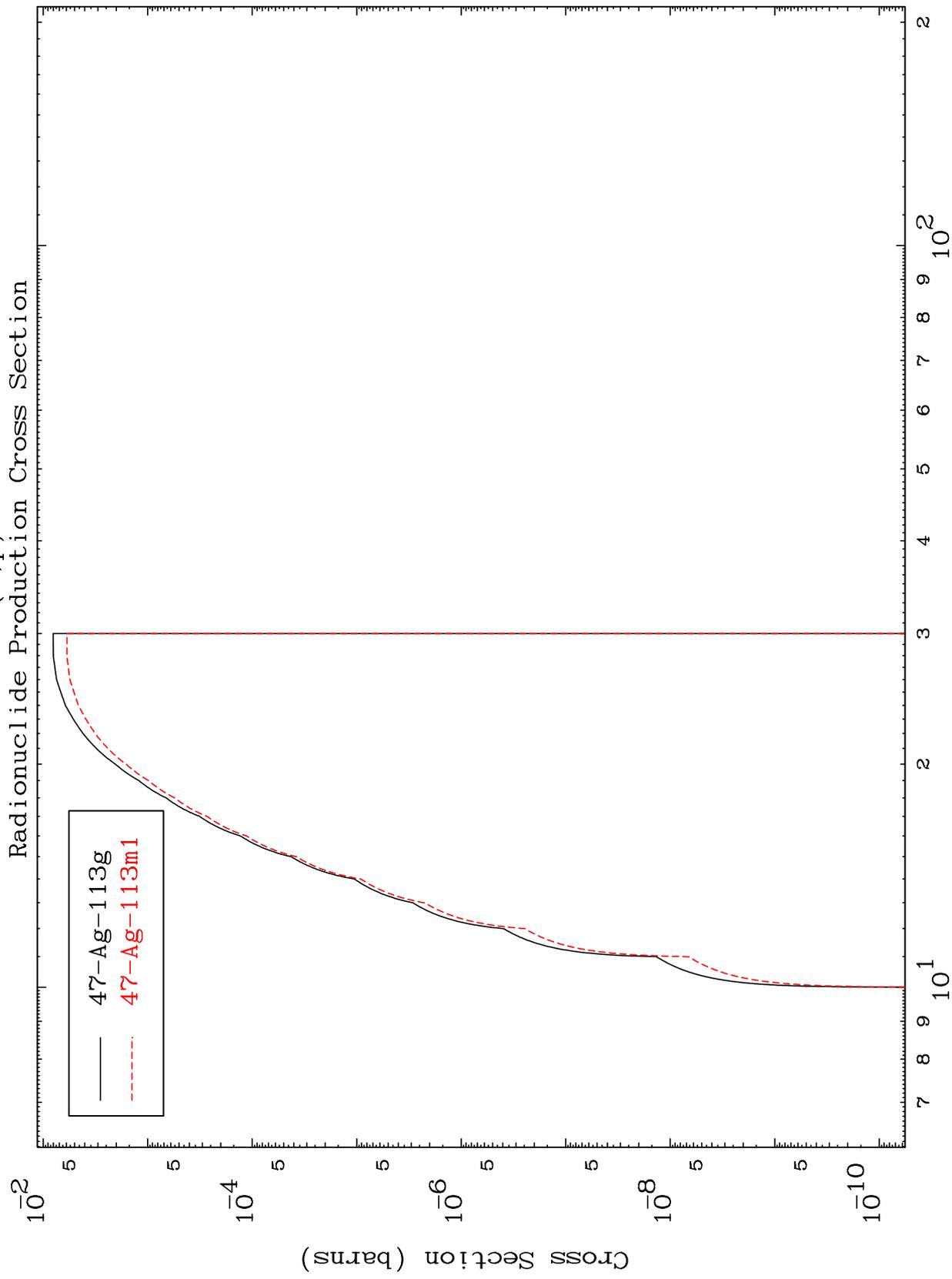
16

Incident Energy (MeV)

46-Pd-110

MAT 4649

46-Pd-110



46-Pd-110

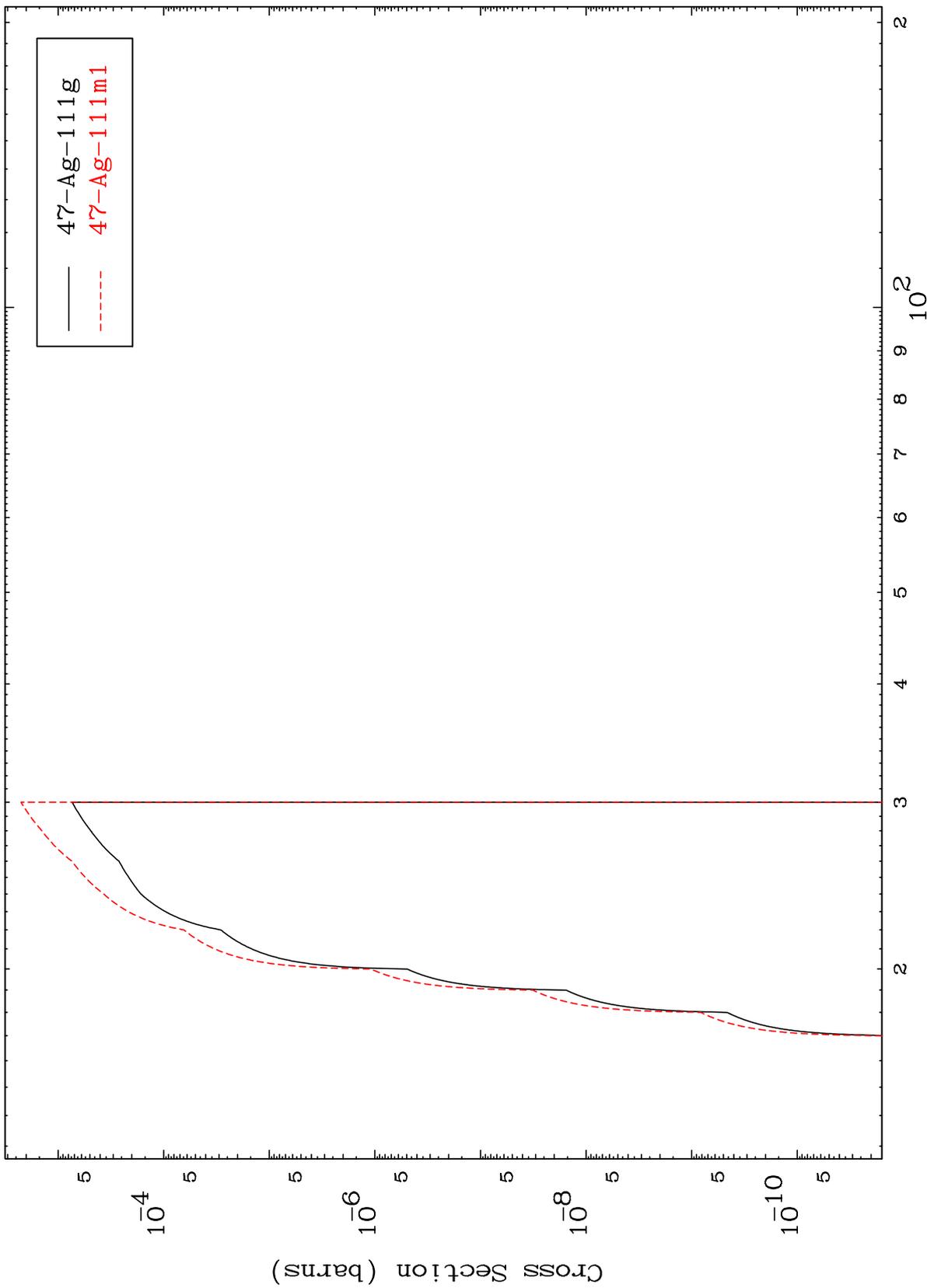
Incident Energy (MeV)

17

MAT 4649

46-Pd-110

(n,t)
Radionuclide Production Cross Section



18

46-Pd-110

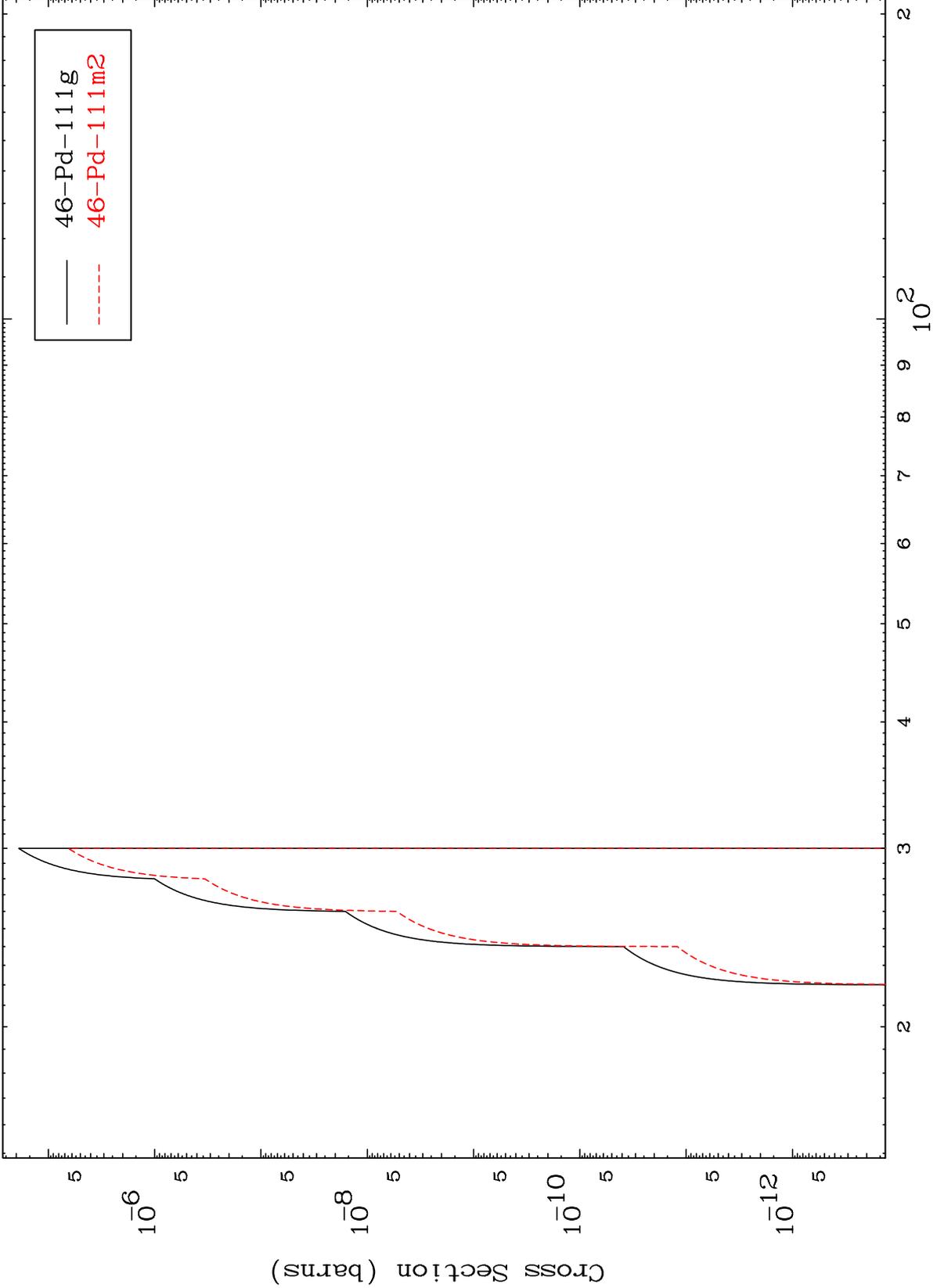
Incident Energy (MeV)

MAT 4649

(n,He-3)

46-Pd-110

Radionuclide Production Cross Section



46-Pd-111g
46-Pd-111m2