

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

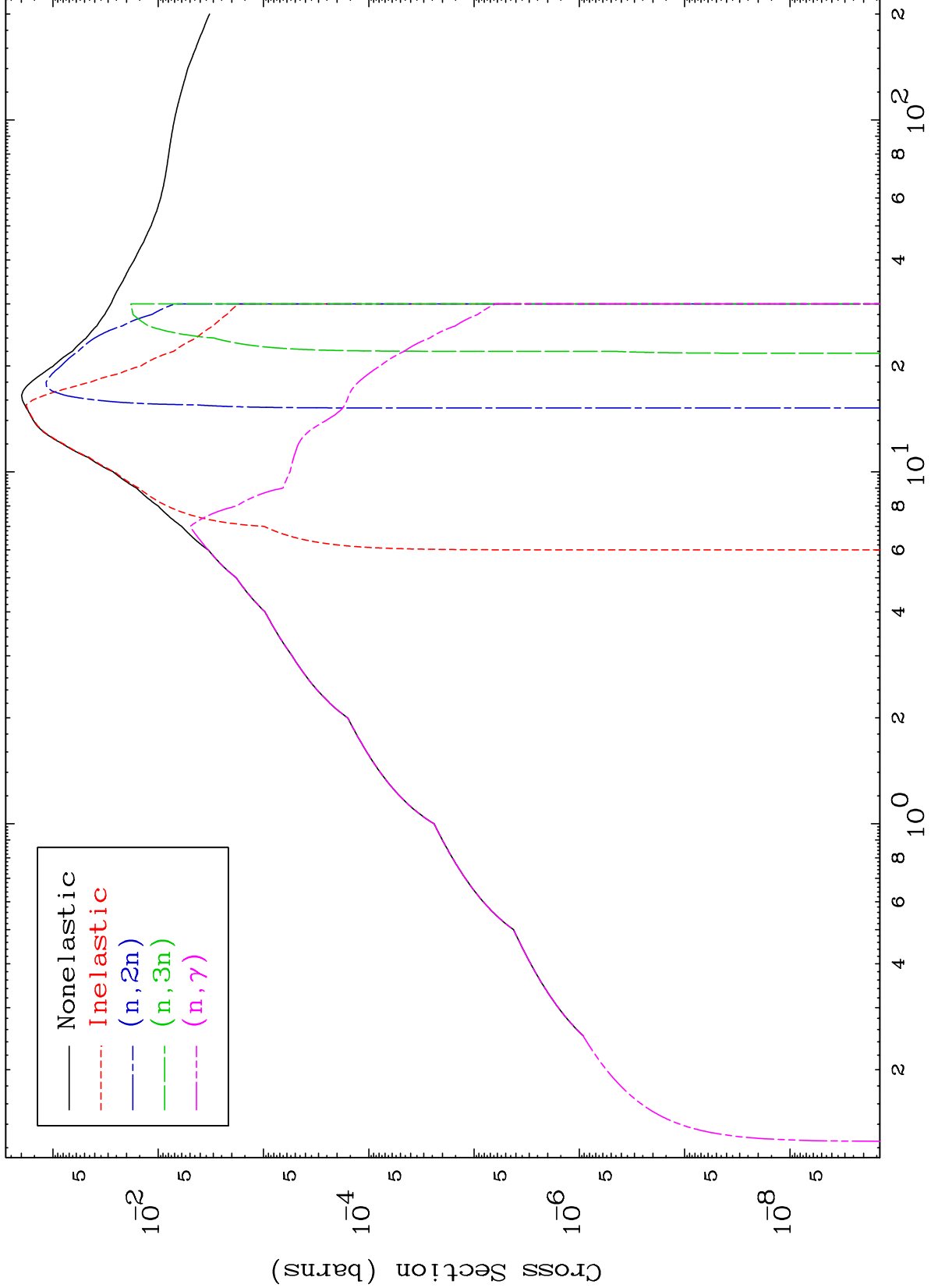
Press Mouse Button to Start

MAT 4647

Photon Major

46-Pd-109m

0 Kelvin Cross Sections

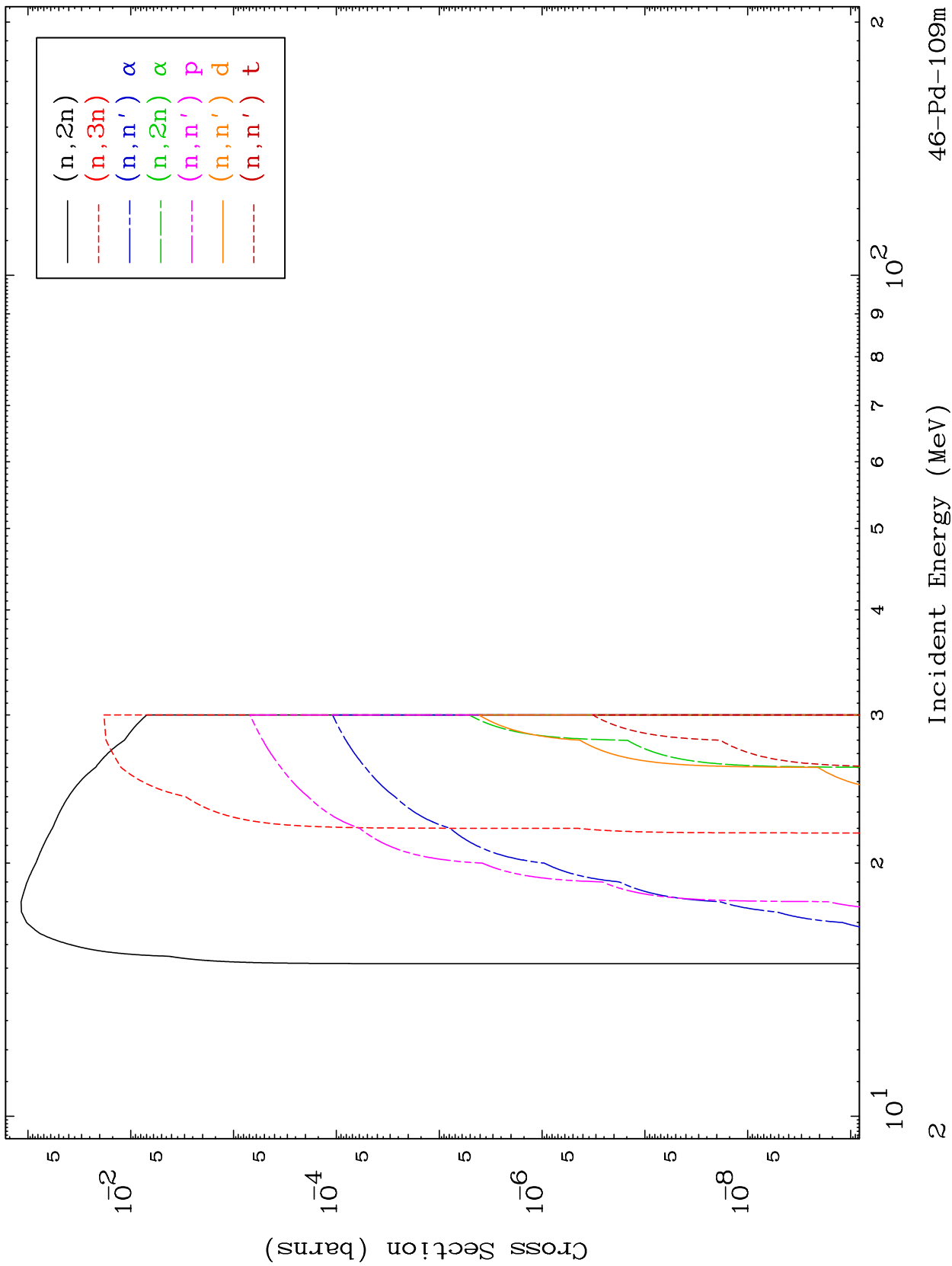


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)
- - - (n, γ)

MAT 4647

Photon Neutron Absorption
0 Kelvin Cross Sections

46-Pd-109m

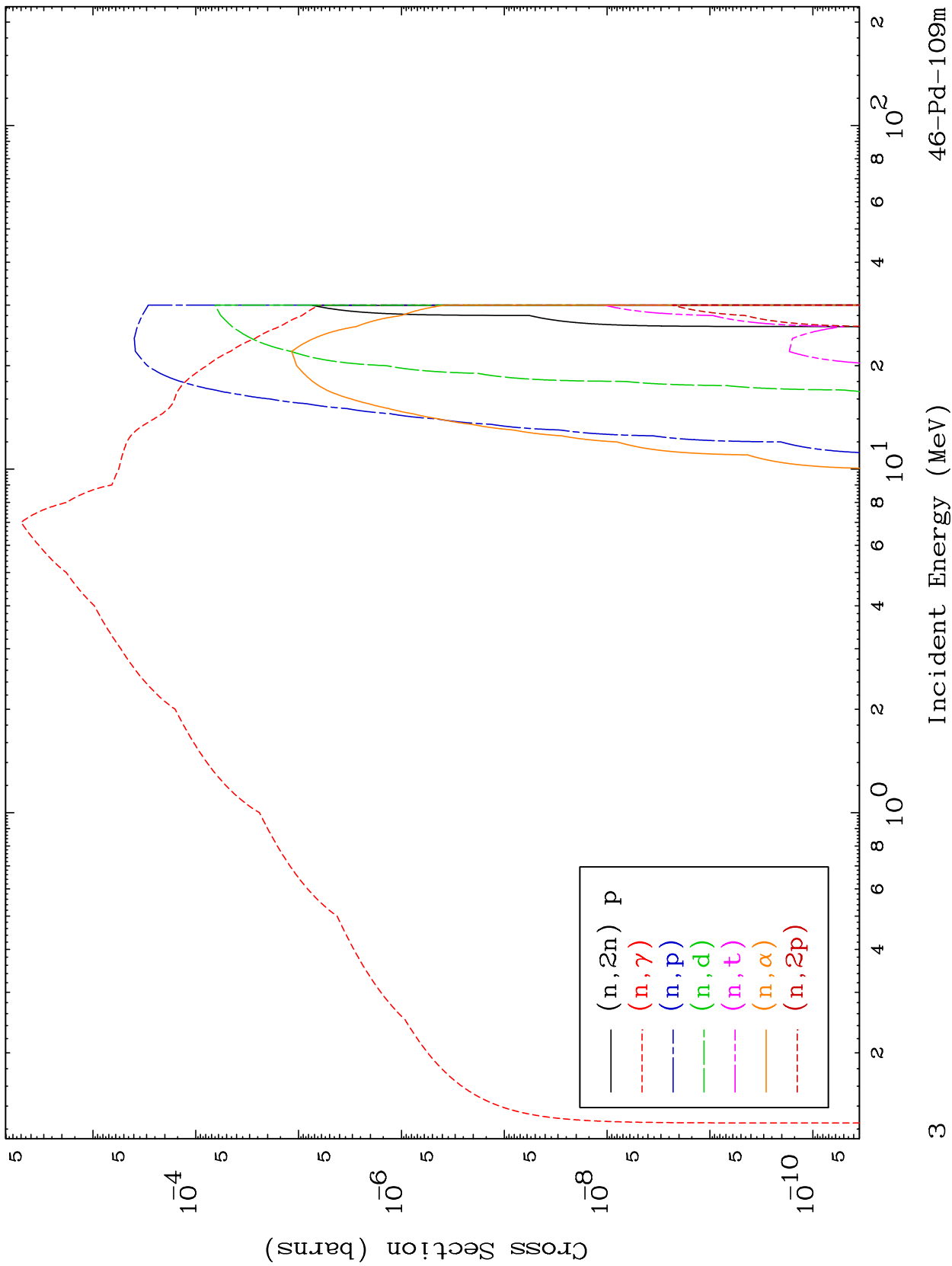


46-Pd-109m

MAT 4647

Photon Neutron Absorption
0 Kelvin Cross Sections

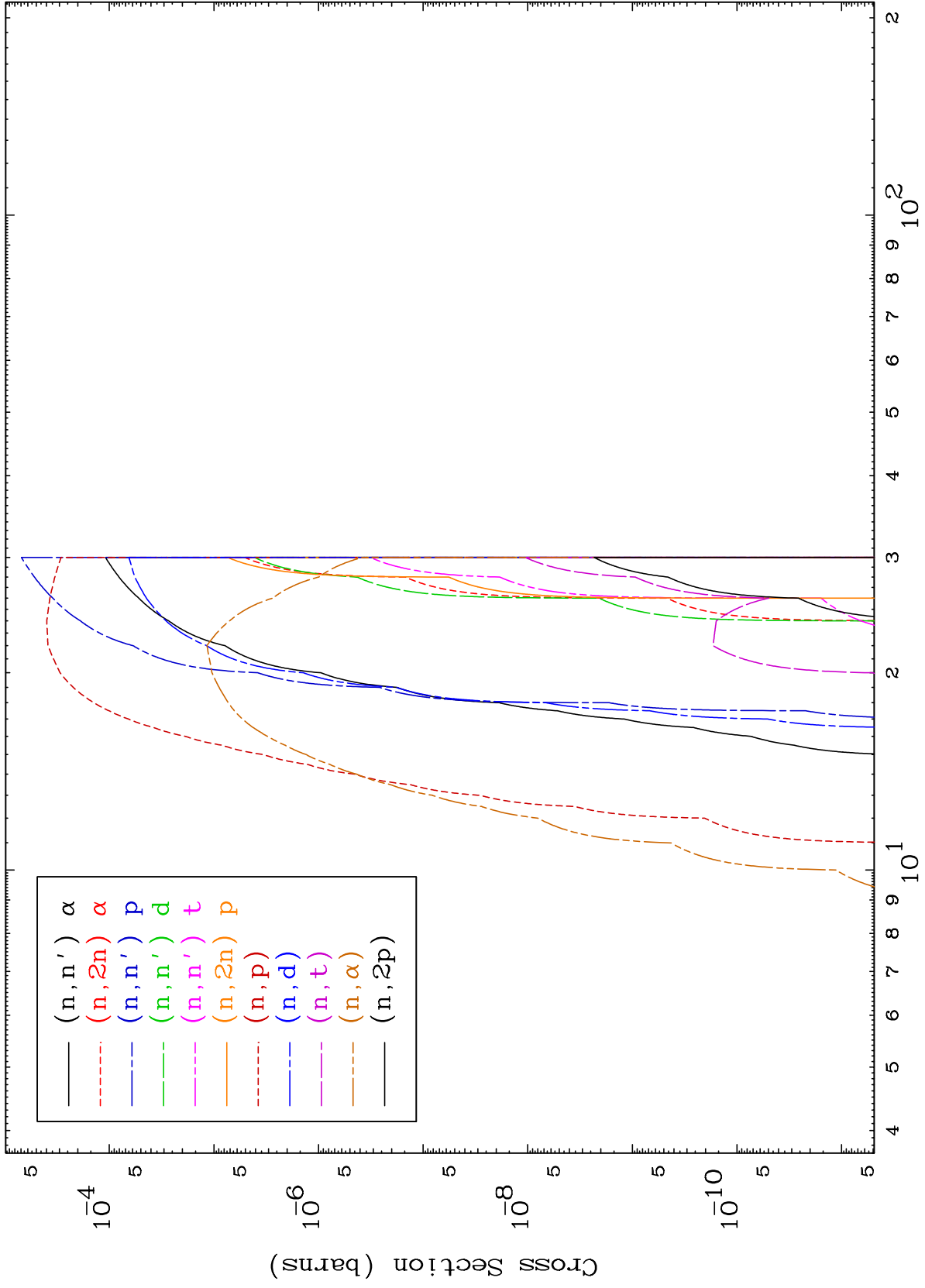
46-Pd-109m



MAT 4647

Photon Charged Particle
0 Kelvin Cross Sections

46-Pd-109m

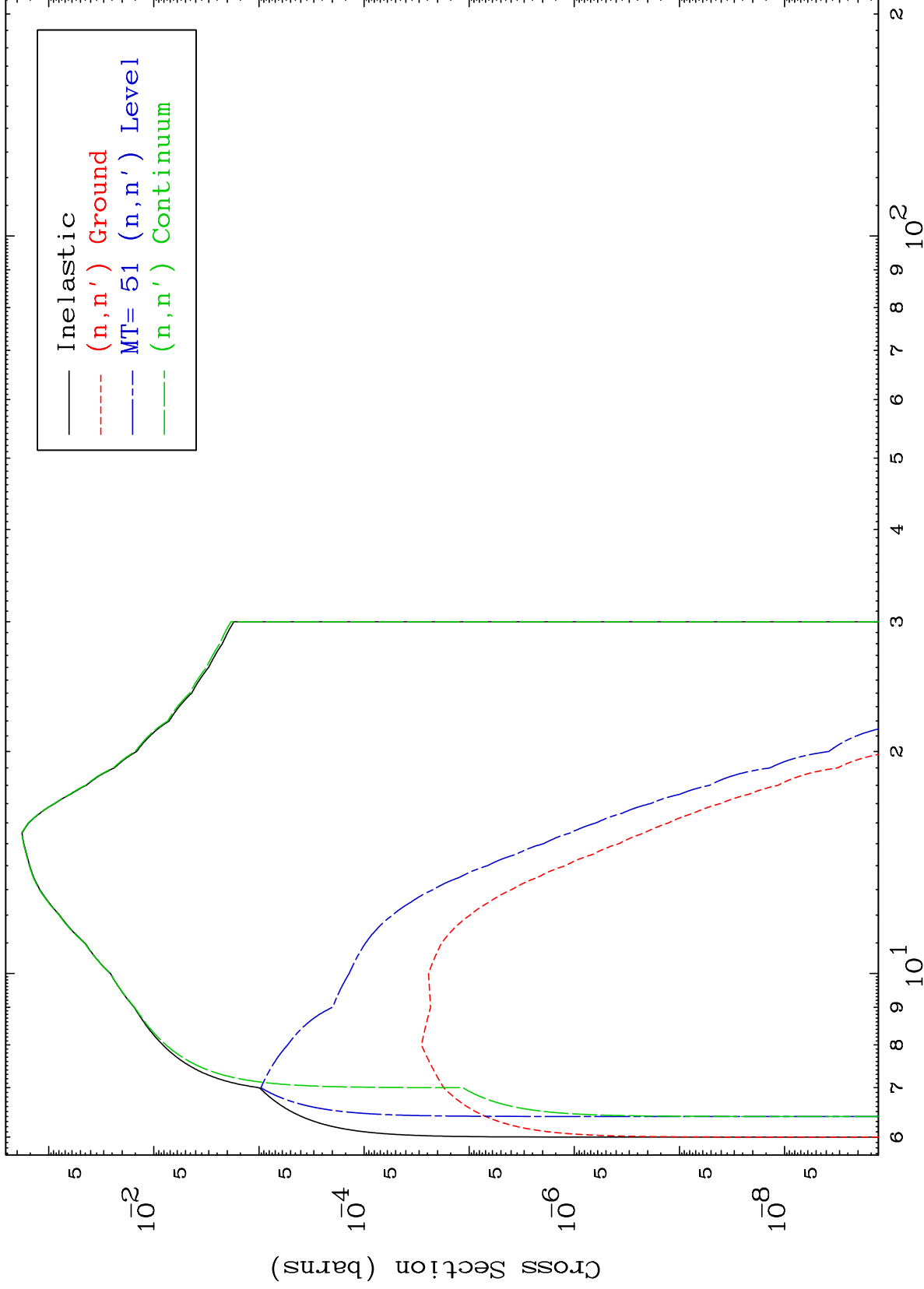


MAT 4647

(γ, n') Levels

46-Pd-109m

0 Kelvin Cross Sections



5

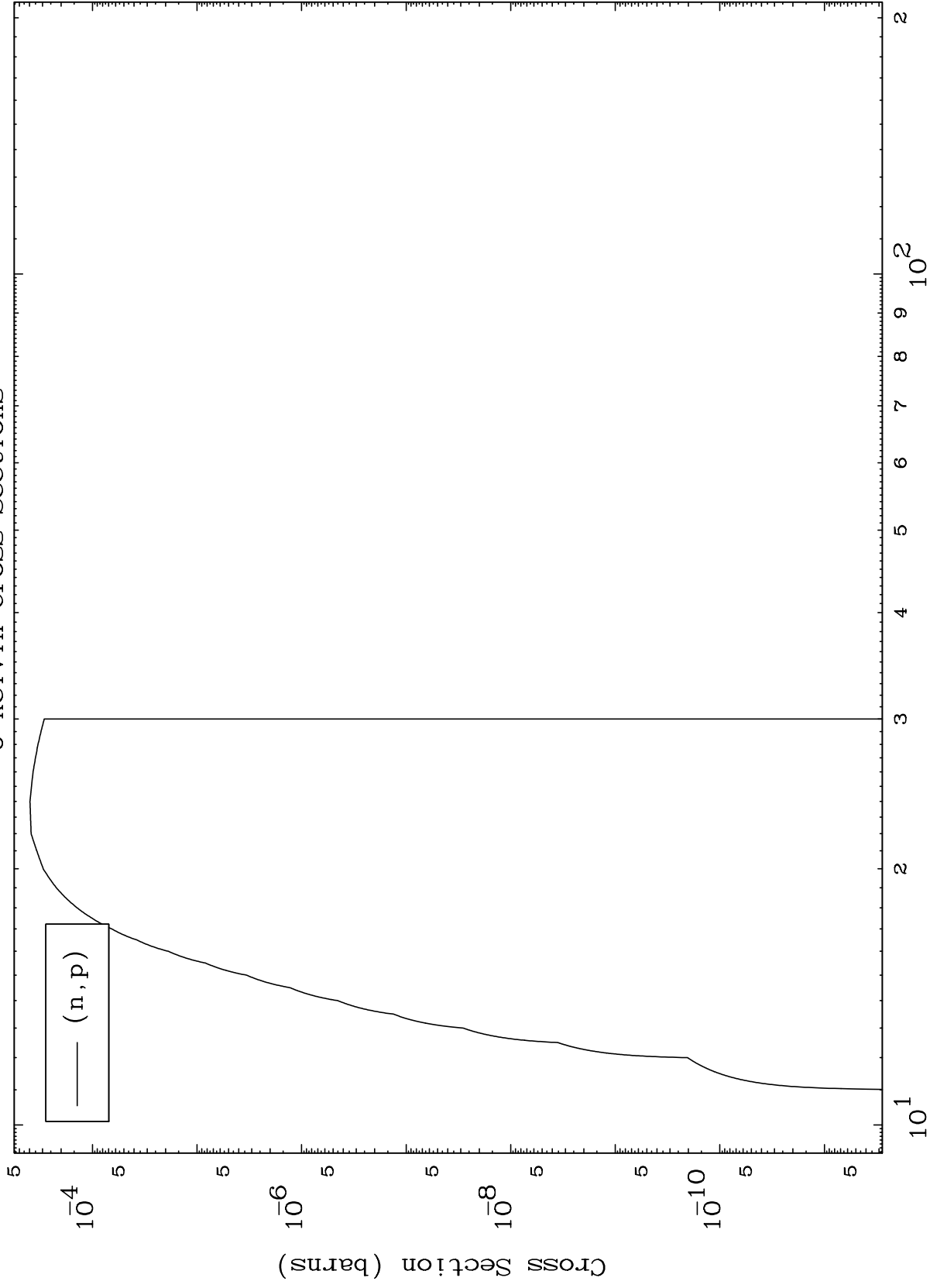
Incident Energy (MeV)

46-Pd-109m

MAT 4647

(γ, p) Levels
0 Kelvin Cross Sections

46-Pd-109m



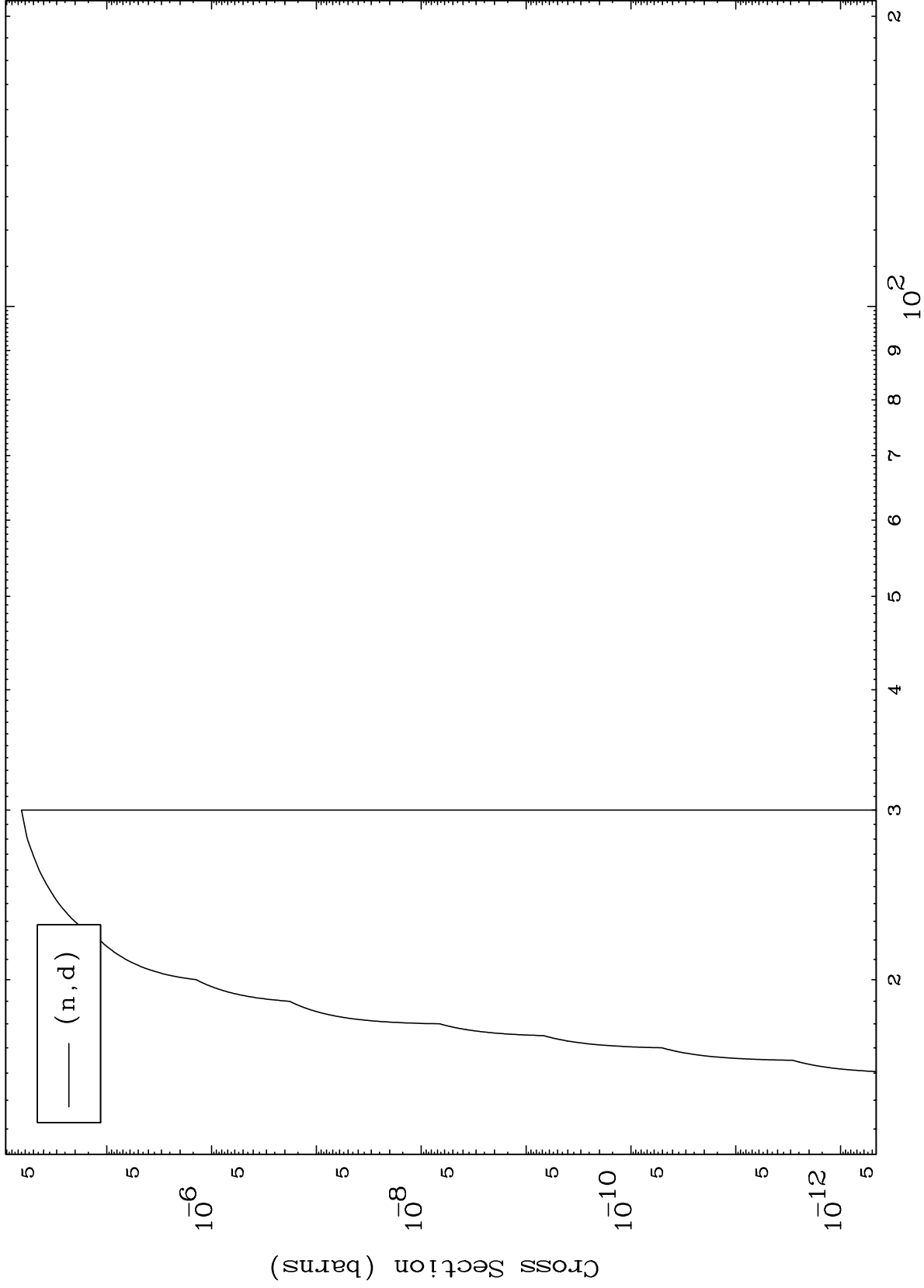
Incident Energy (MeV)

46-Pd-109m

MAT 4647

(γ, d) Levels
0 Kelvin Cross Sections

46-Pd-109m



7

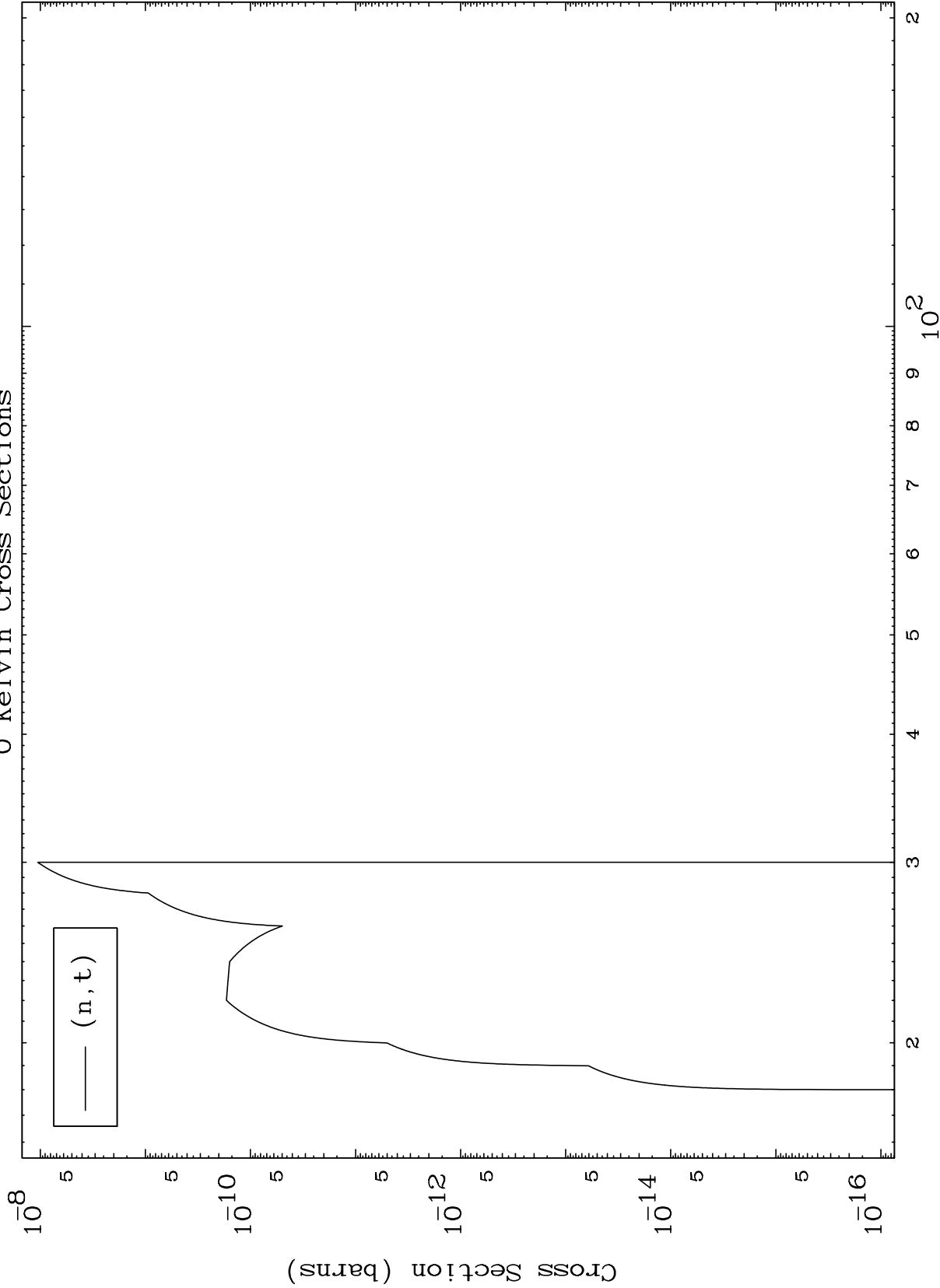
Incident Energy (MeV)

46-Pd-109m

MAT 4647

(γ, t) Levels
0 Kelvin Cross Sections

46-Pd-109m



8

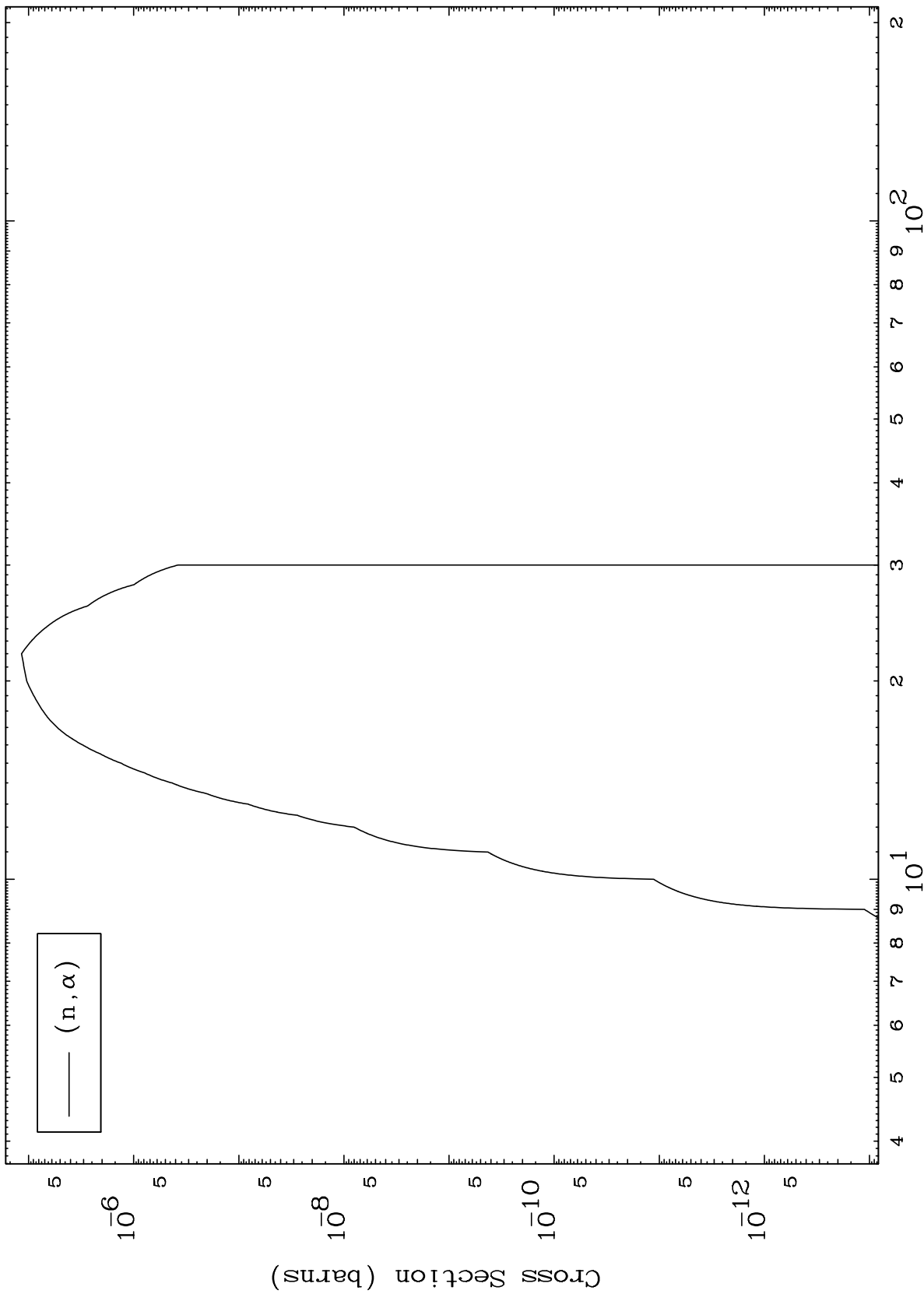
Incident Energy (MeV)

46-Pd-109m

MAT 4647

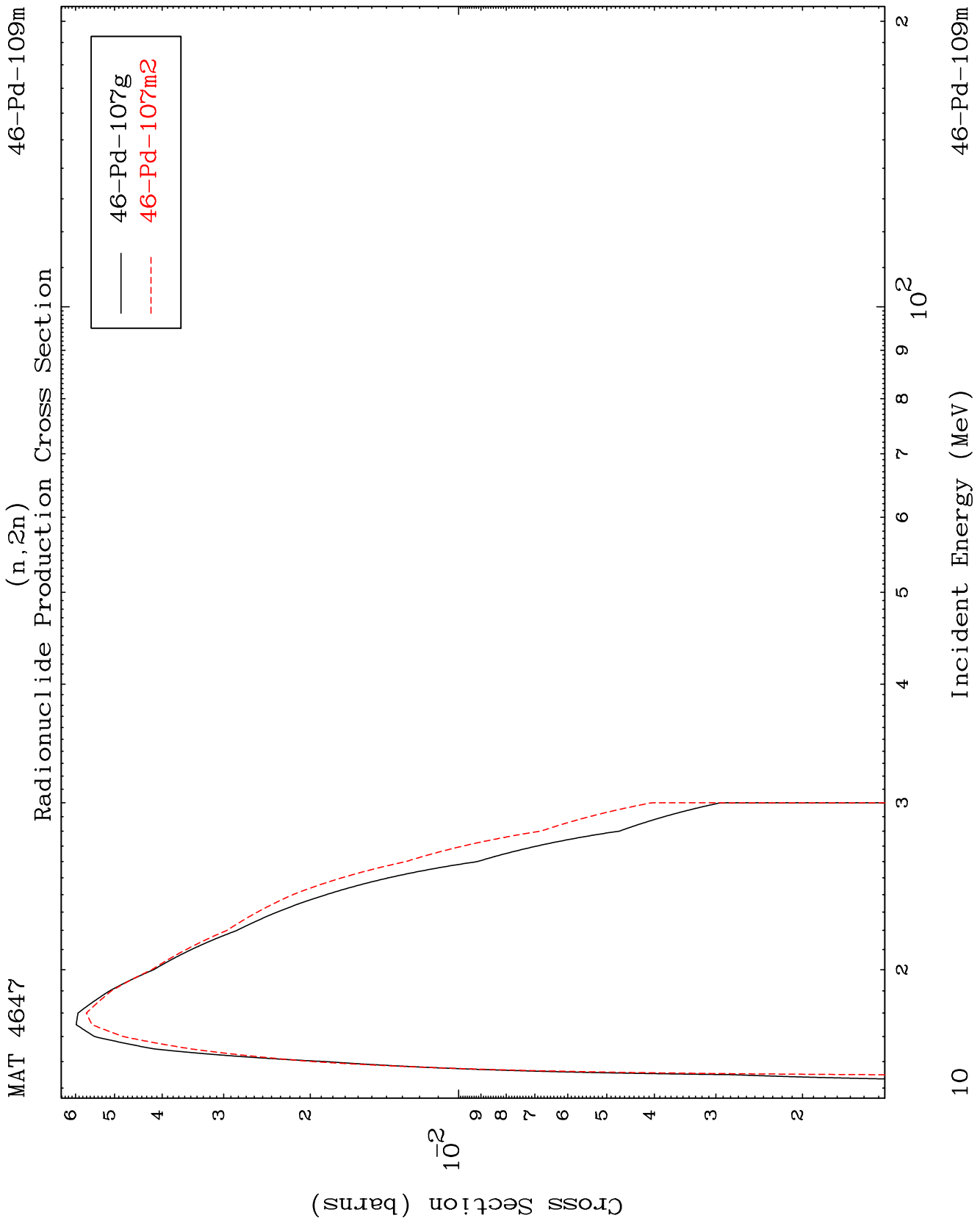
46-Pd-109m

(γ, α) Levels
0 Kelvin Cross Sections



9

46-Pd-109m

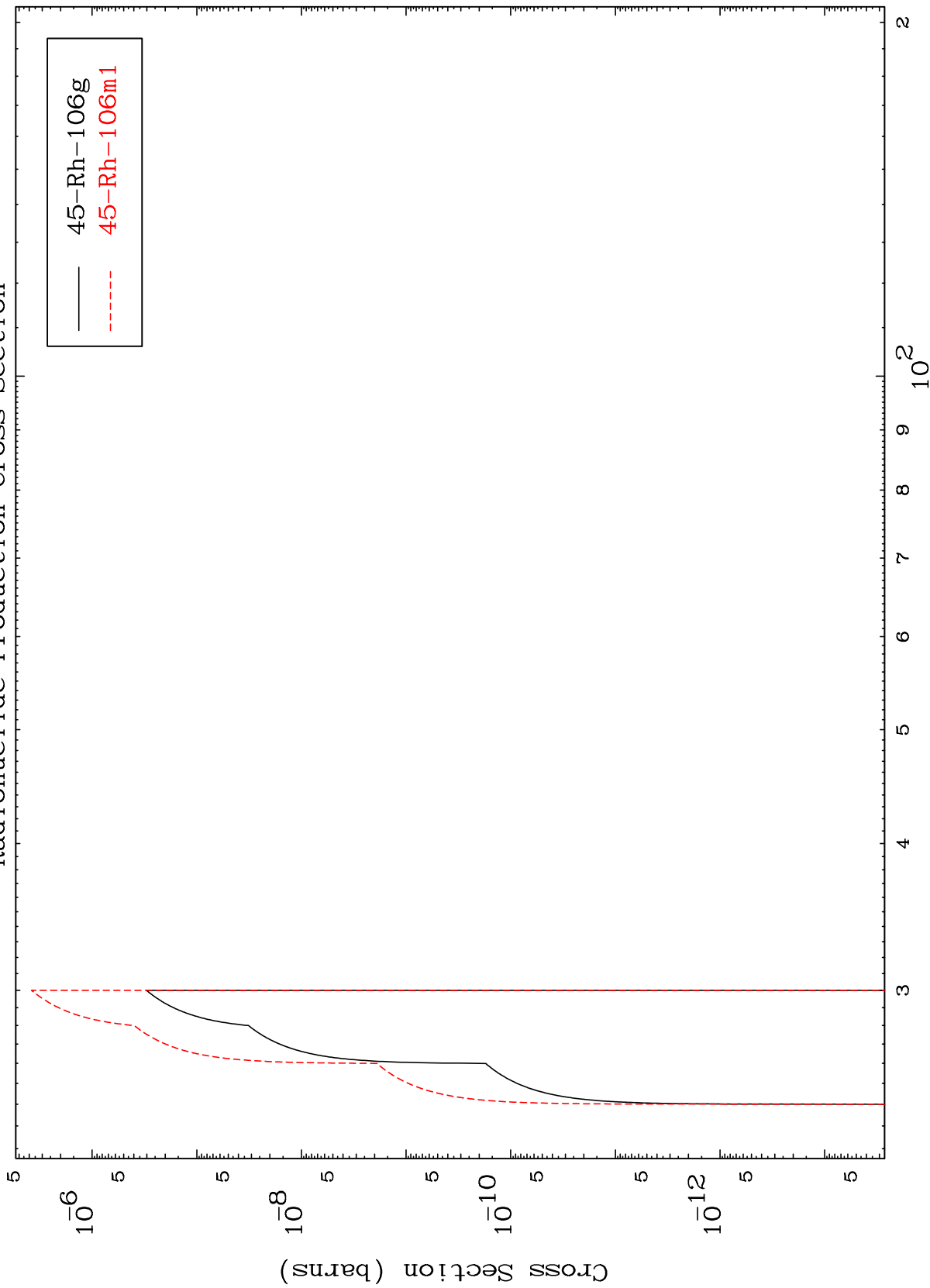


MAT 4647

(n,n') d

46-Pd-109m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

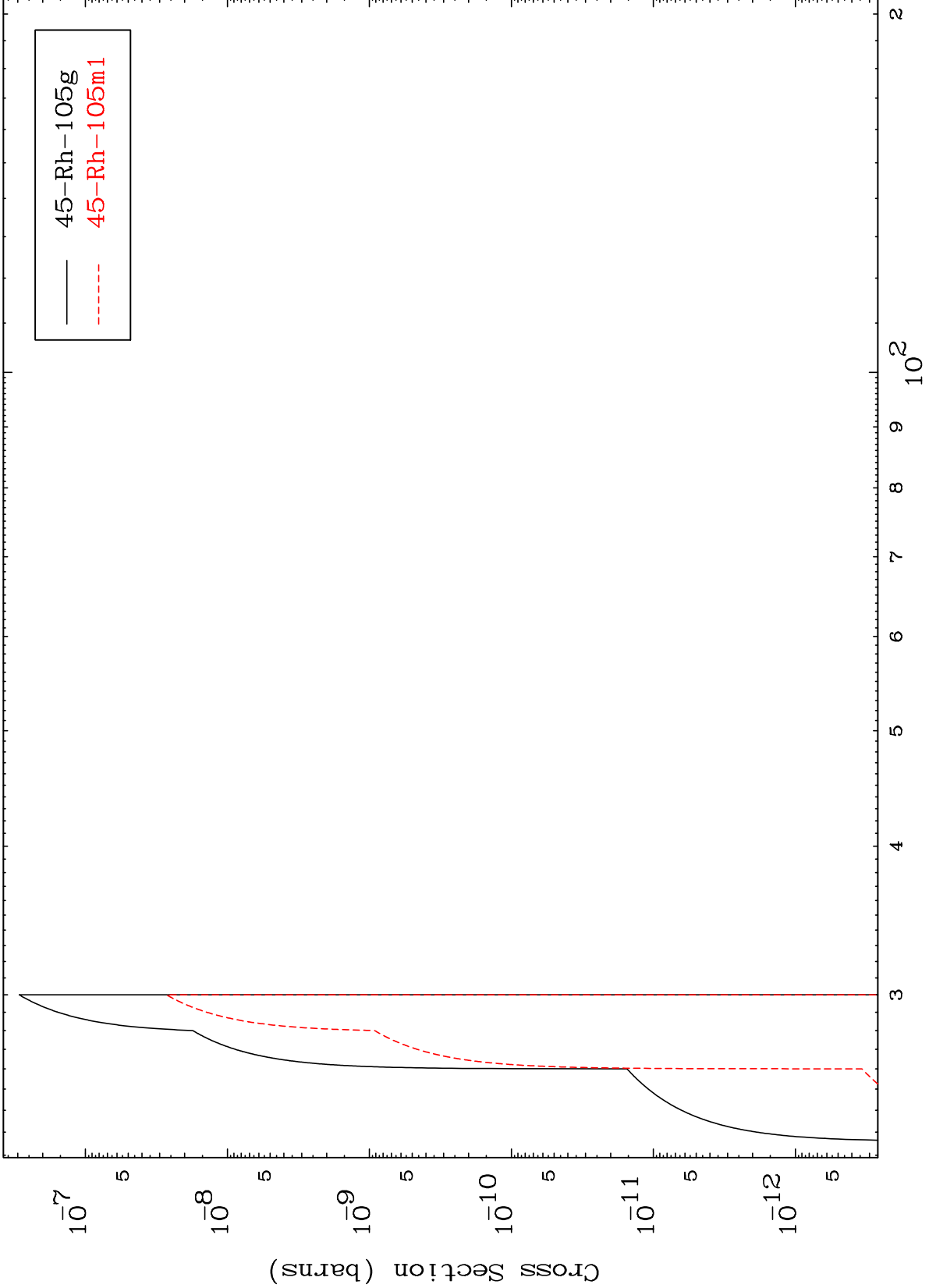
46-Pd-109m

MAT 4647

(n,n') t

46-Pd-109m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

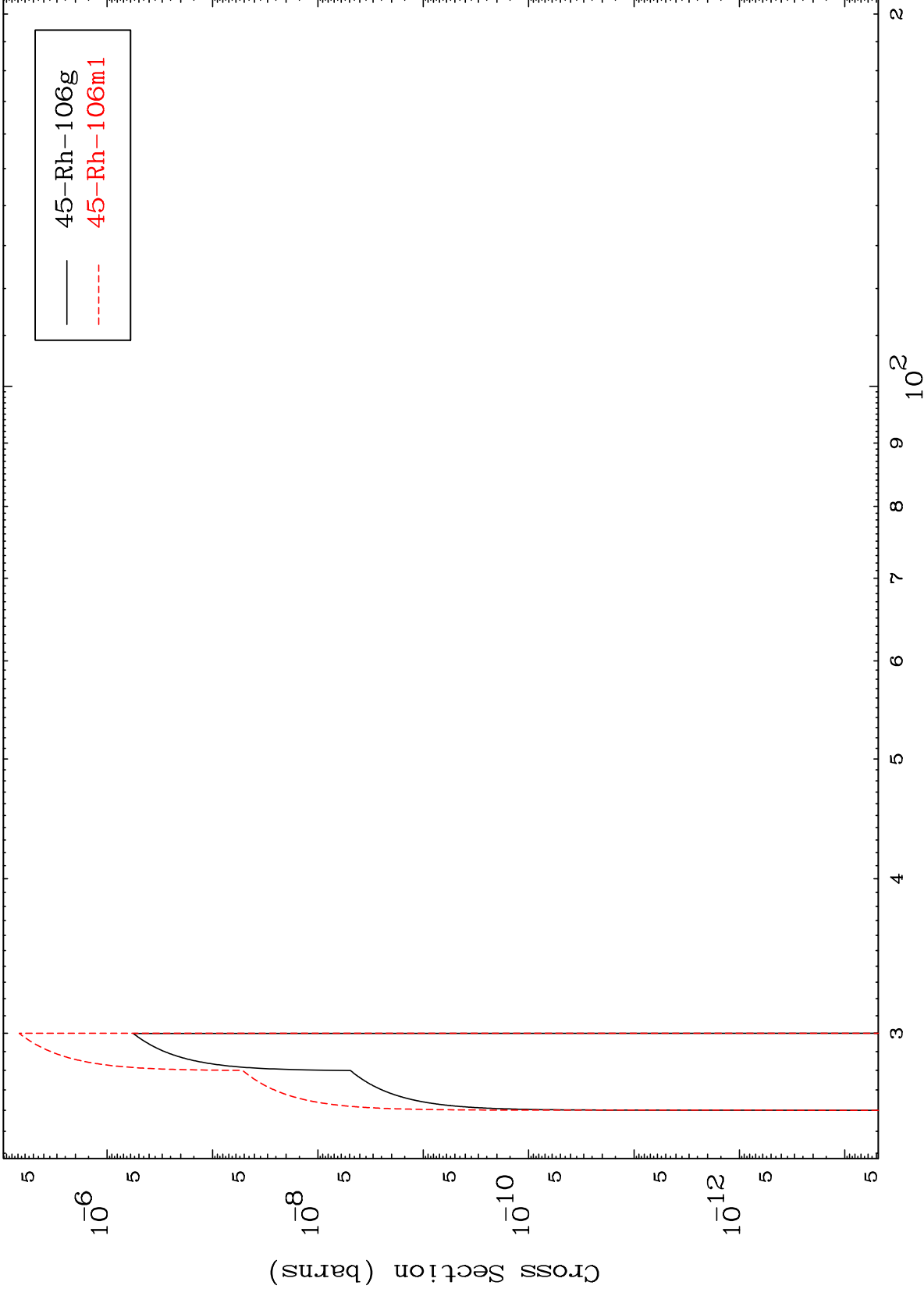
46-Pd-109m

MAT 4647

(n,2n) p

46-Pd-109m

Radionuclide Production Cross Section



45-Rh-106g
45-Rh-106m1

13

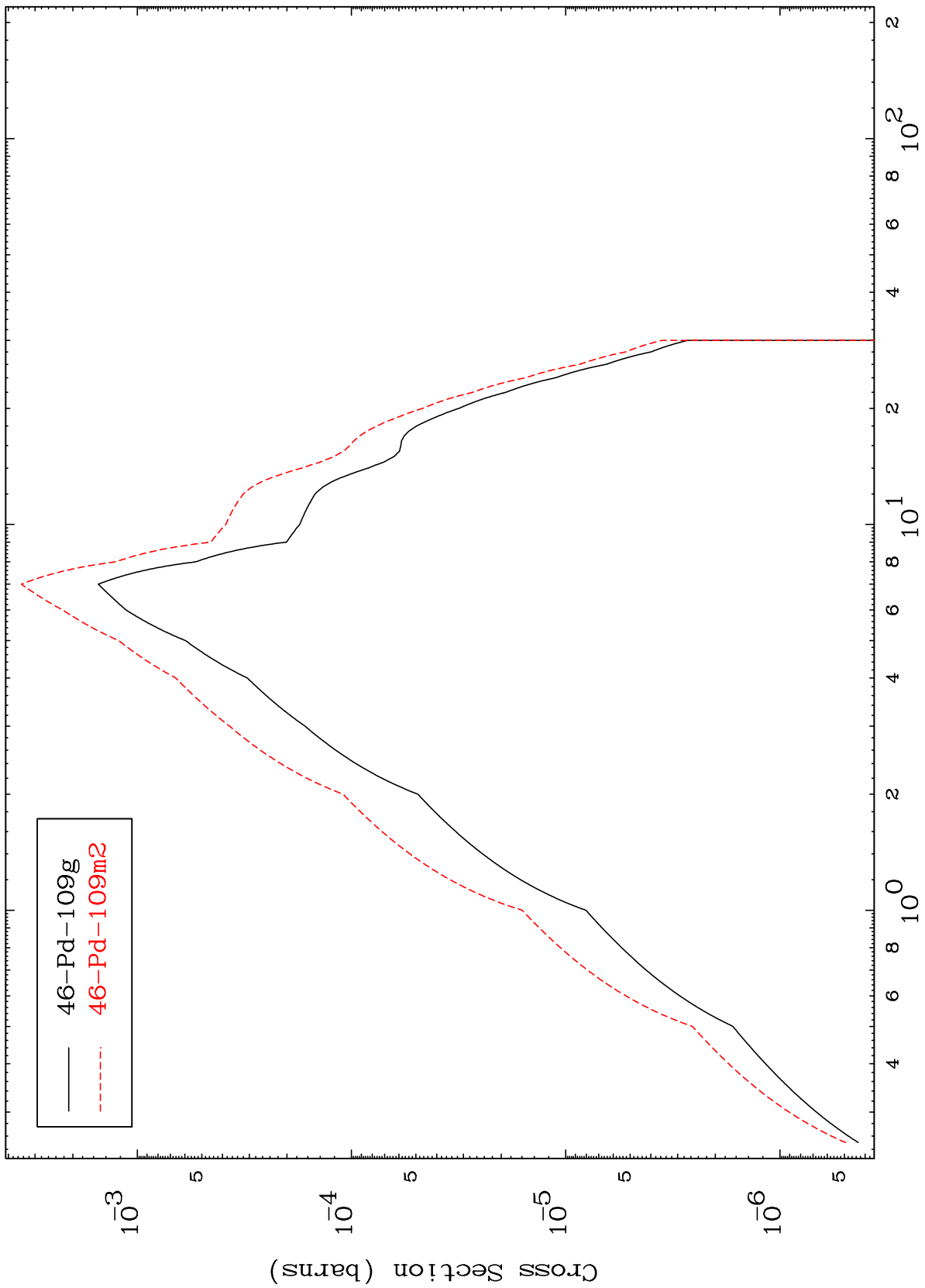
Incident Energy (MeV)

46-Pd-109m

MAT 4647

46-Pd-109m

Radionuclide Production Cross Section
(n, γ)



— 46-Pd-109g
- - - 46-Pd-109m2

46-Pd-109m

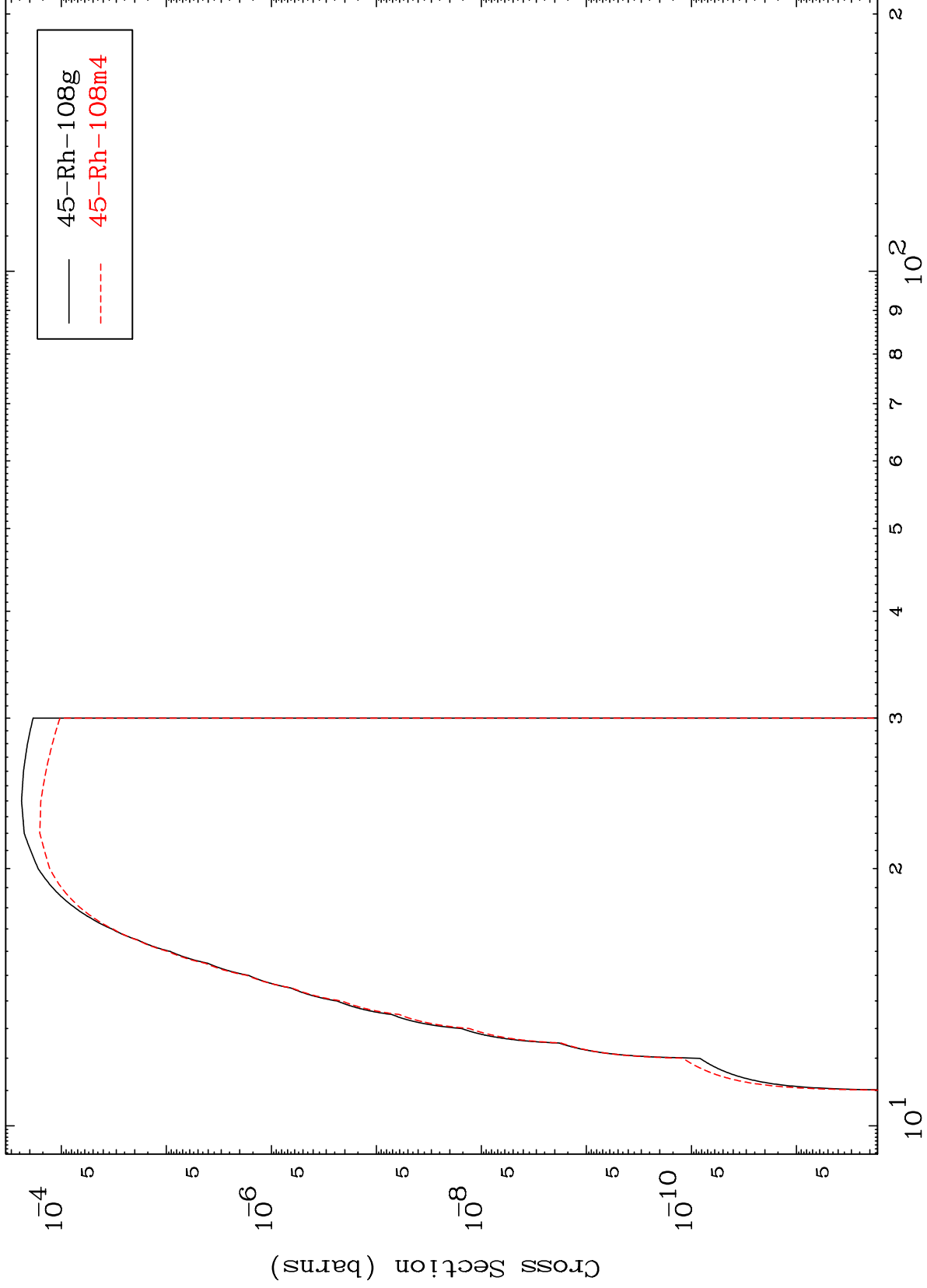
Incident Energy (MeV)

14

MAT 4647

46-Pd-109m

(n,p)
Radionuclide Production Cross Section



46-Pd-109m

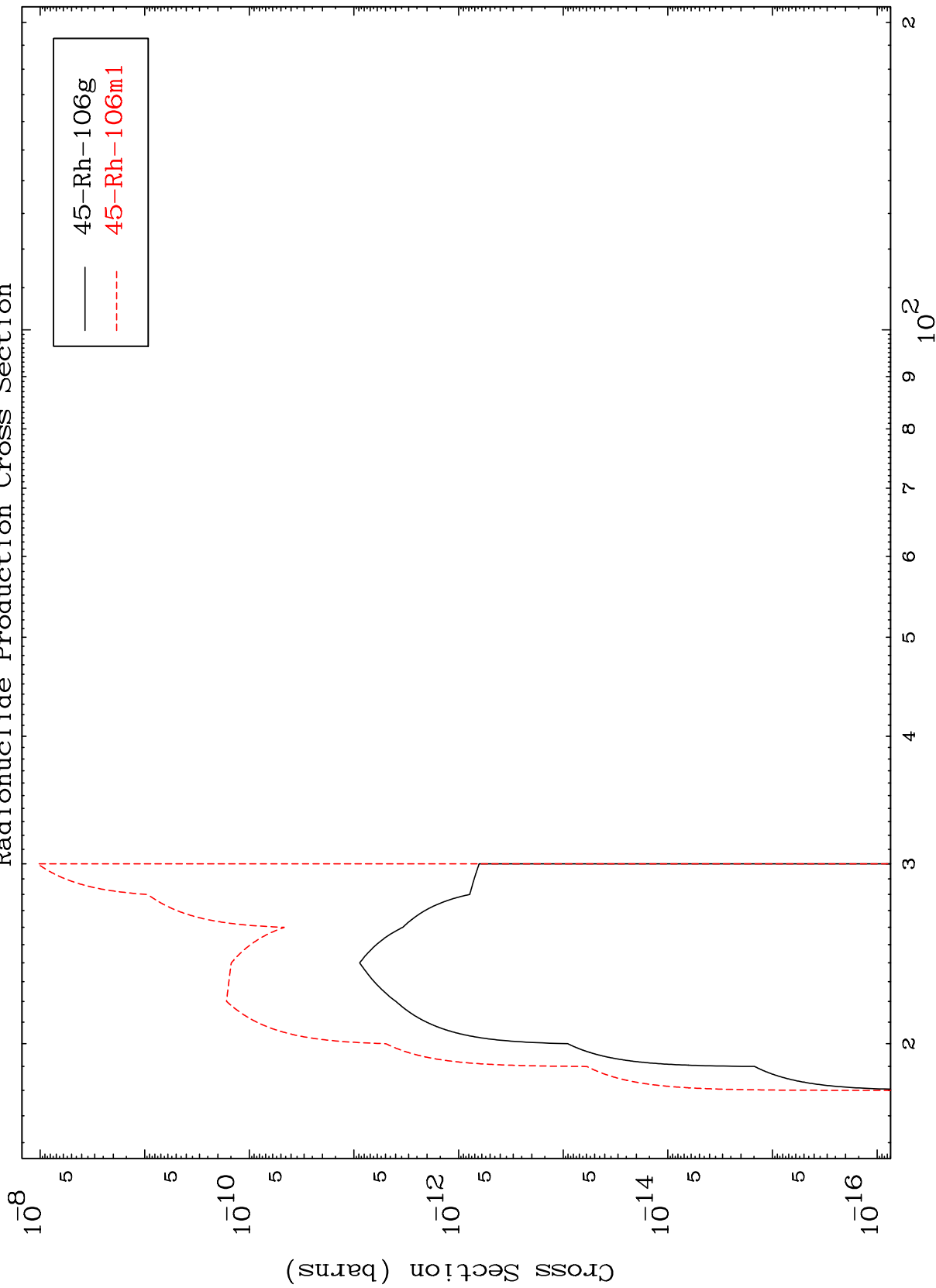
Incident Energy (MeV)

MAT 4647

(n, t)

46-Pd-109m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

46-Pd-109m