

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

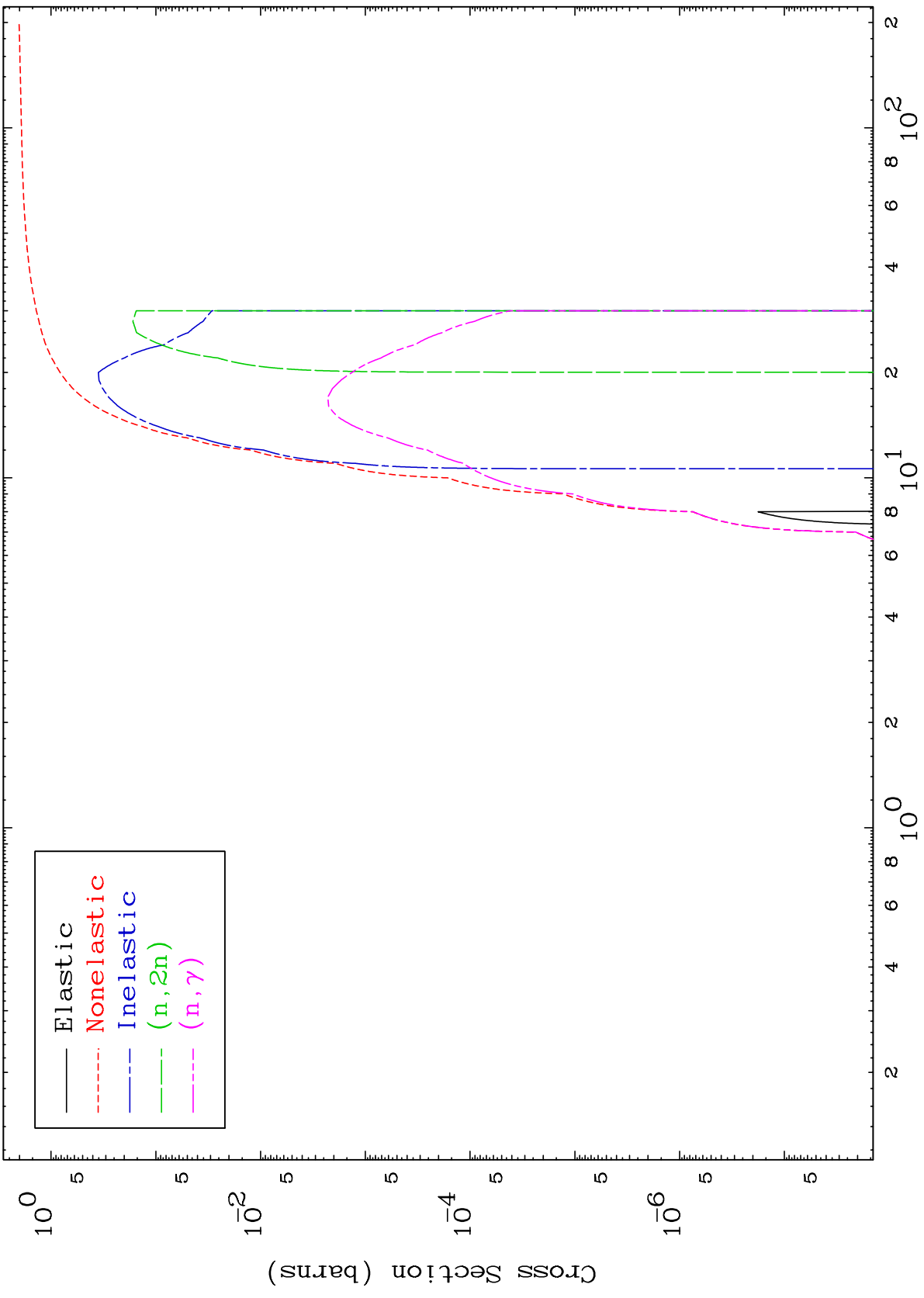
Press Mouse Button to Start

MAT 4619

α Major

46-Pd-100

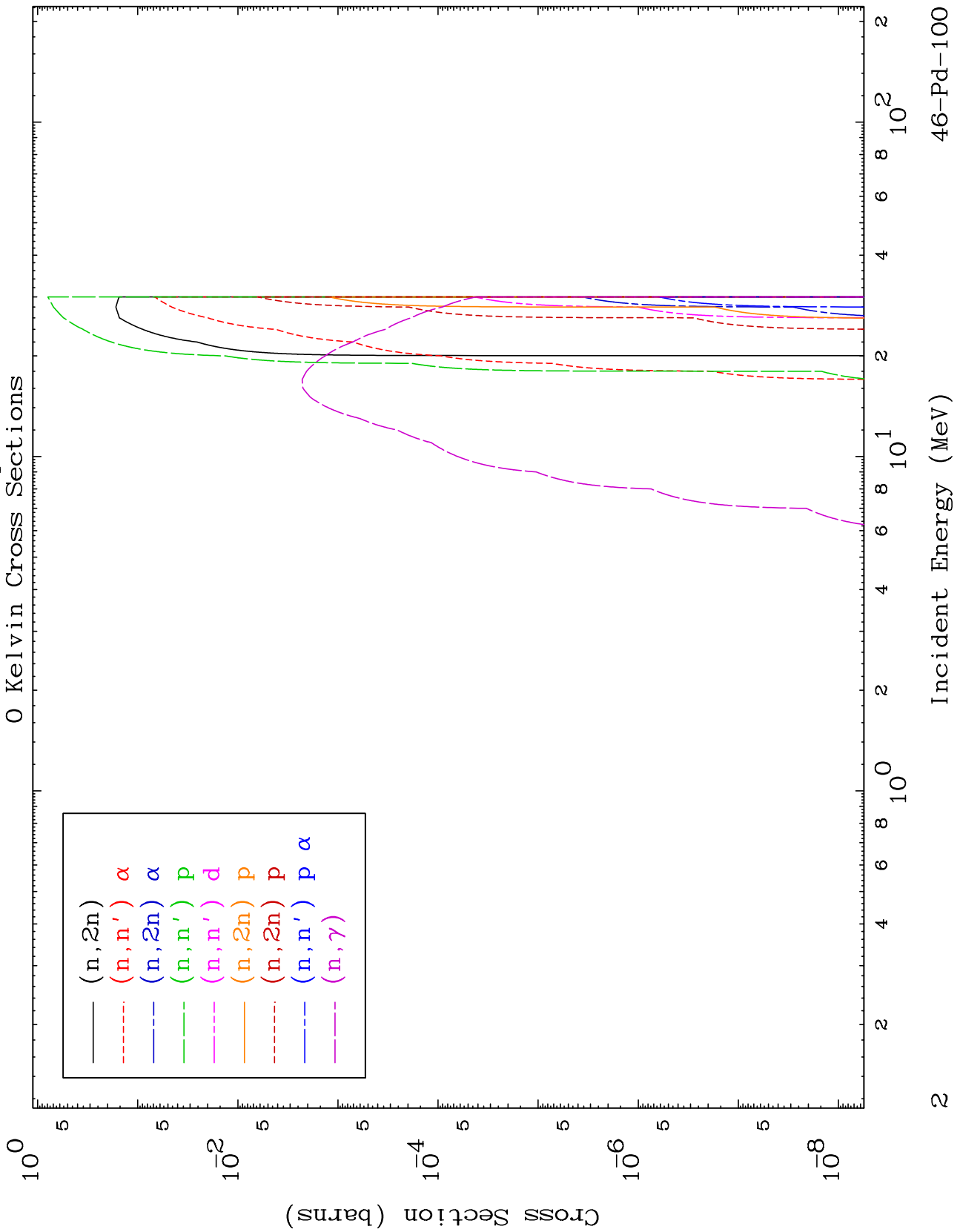
0 Kelvin Cross Sections



MAT 4619

α Neutron Absorption

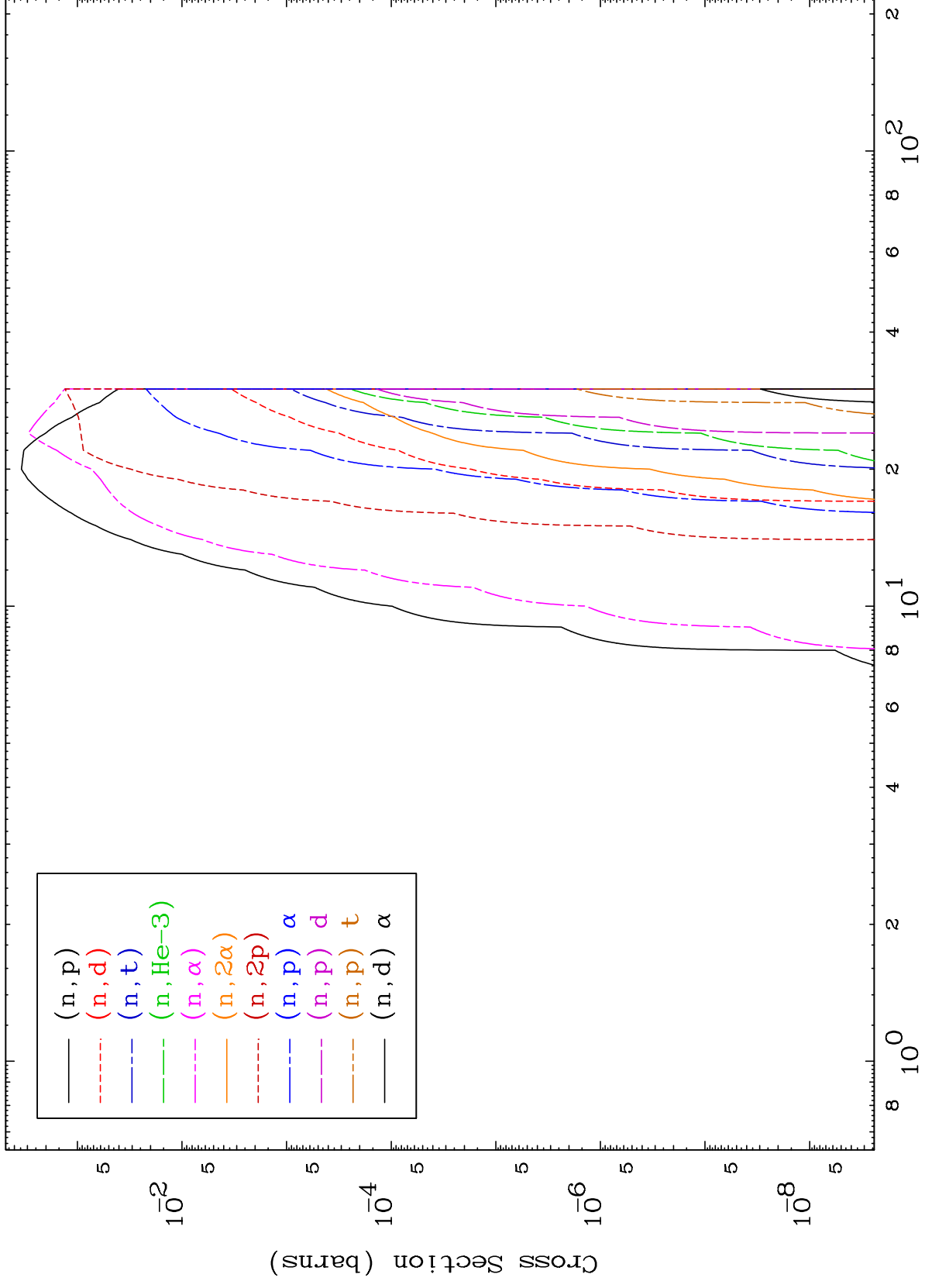
46-Pd-100



MAT 4619

α Neutron Absorption
0 Kelvin Cross Sections

46-Pd-100



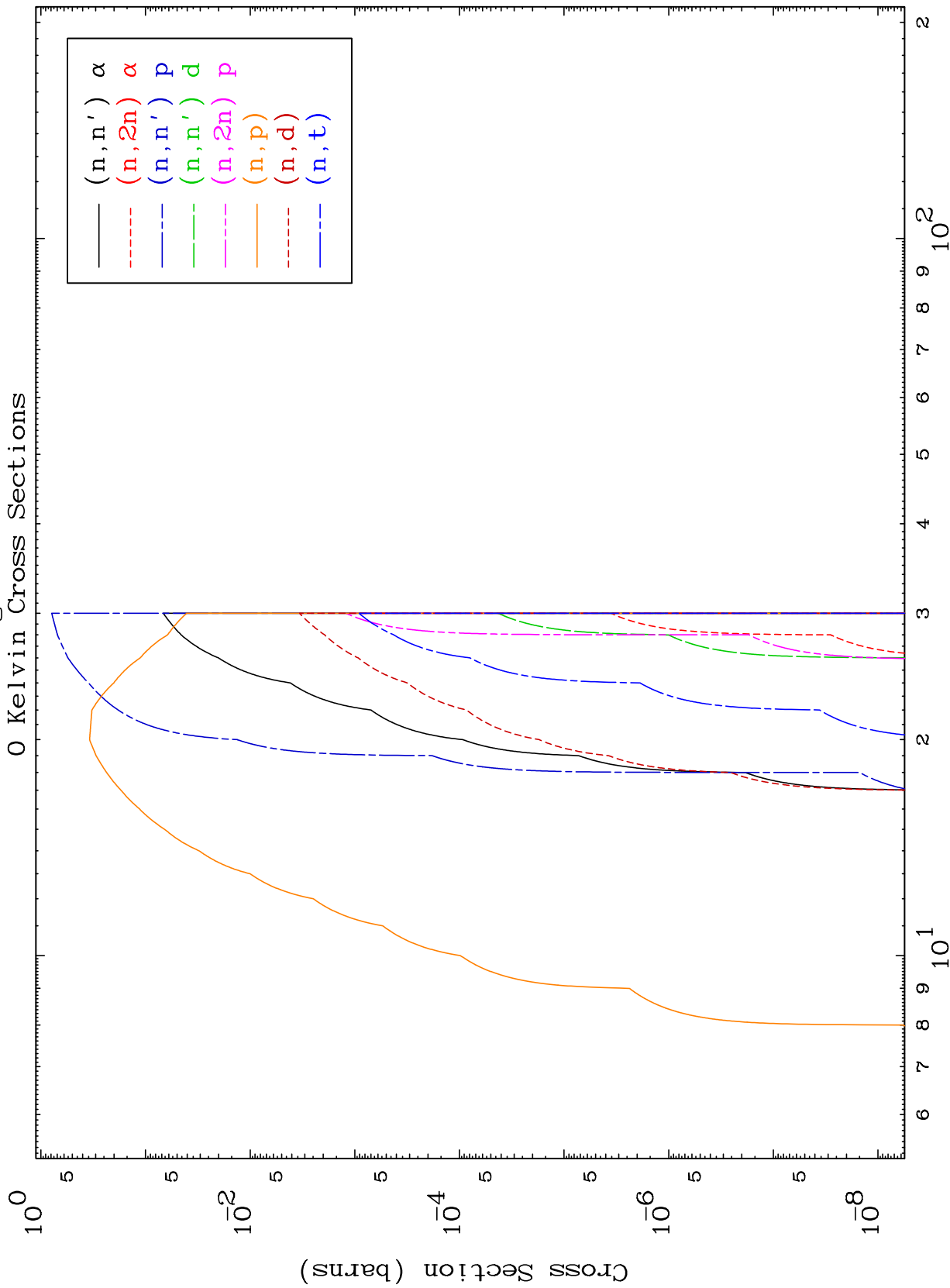
Incident Energy (MeV)

46-Pd-100

MAT 4619

α Charged Particle
0 Kelvin Cross Sections

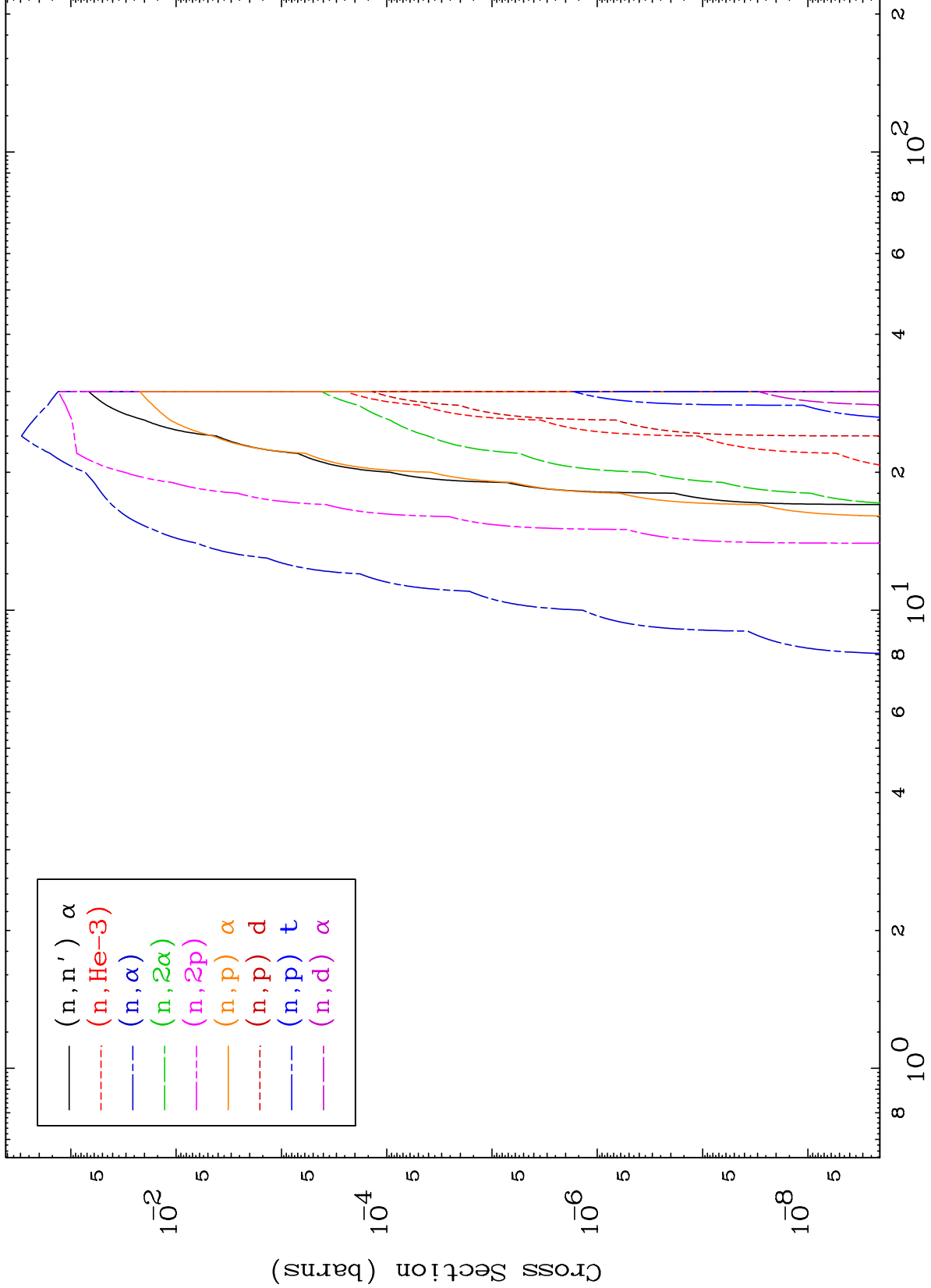
46-Pd-100



MAT 4619

α Charged Particle
0 Kelvin Cross Sections

46-Pd-100



5

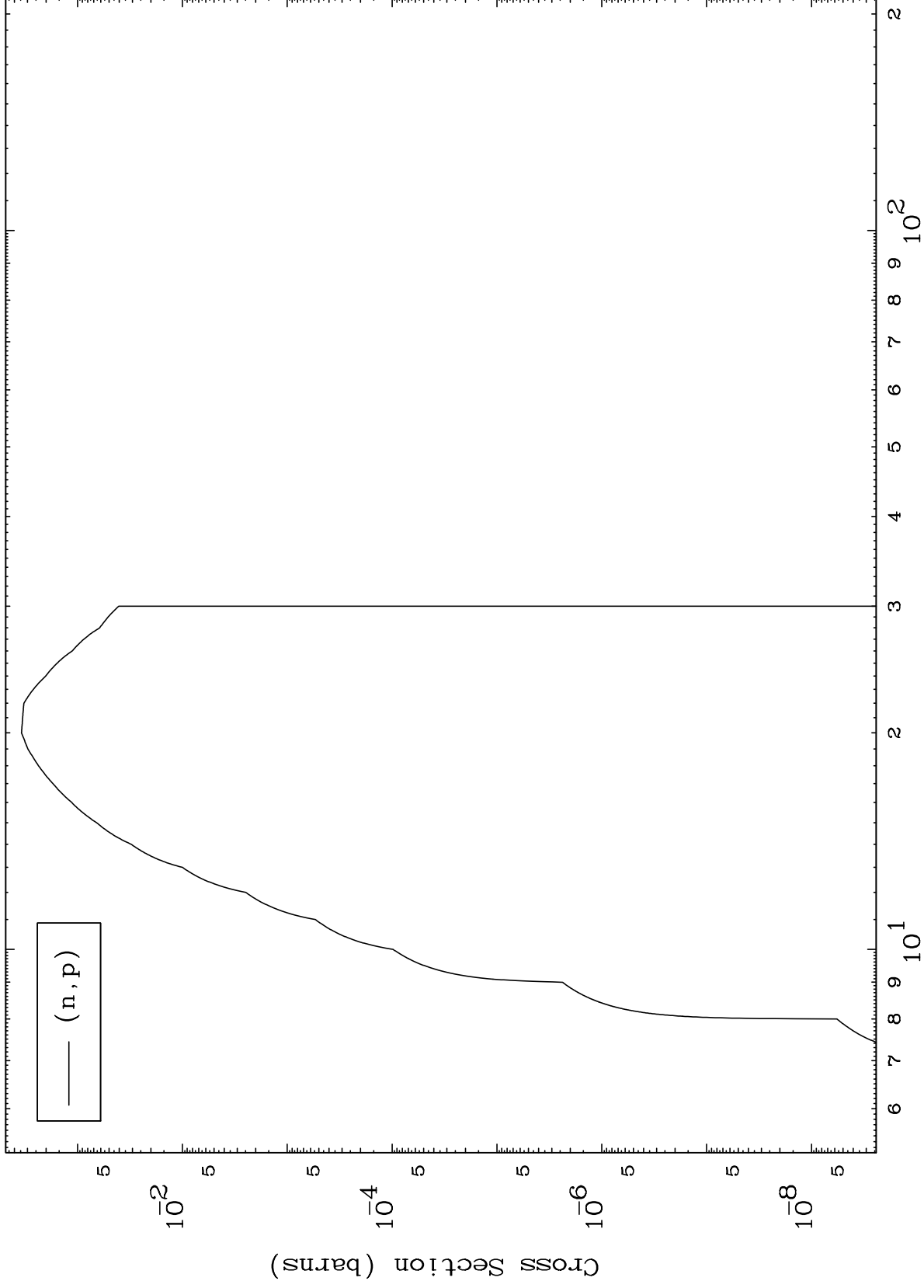
Incident Energy (MeV)

46-Pd-100

MAT 4619

(α, p) Levels
0 Kelvin Cross Sections

46-Pd-100



6

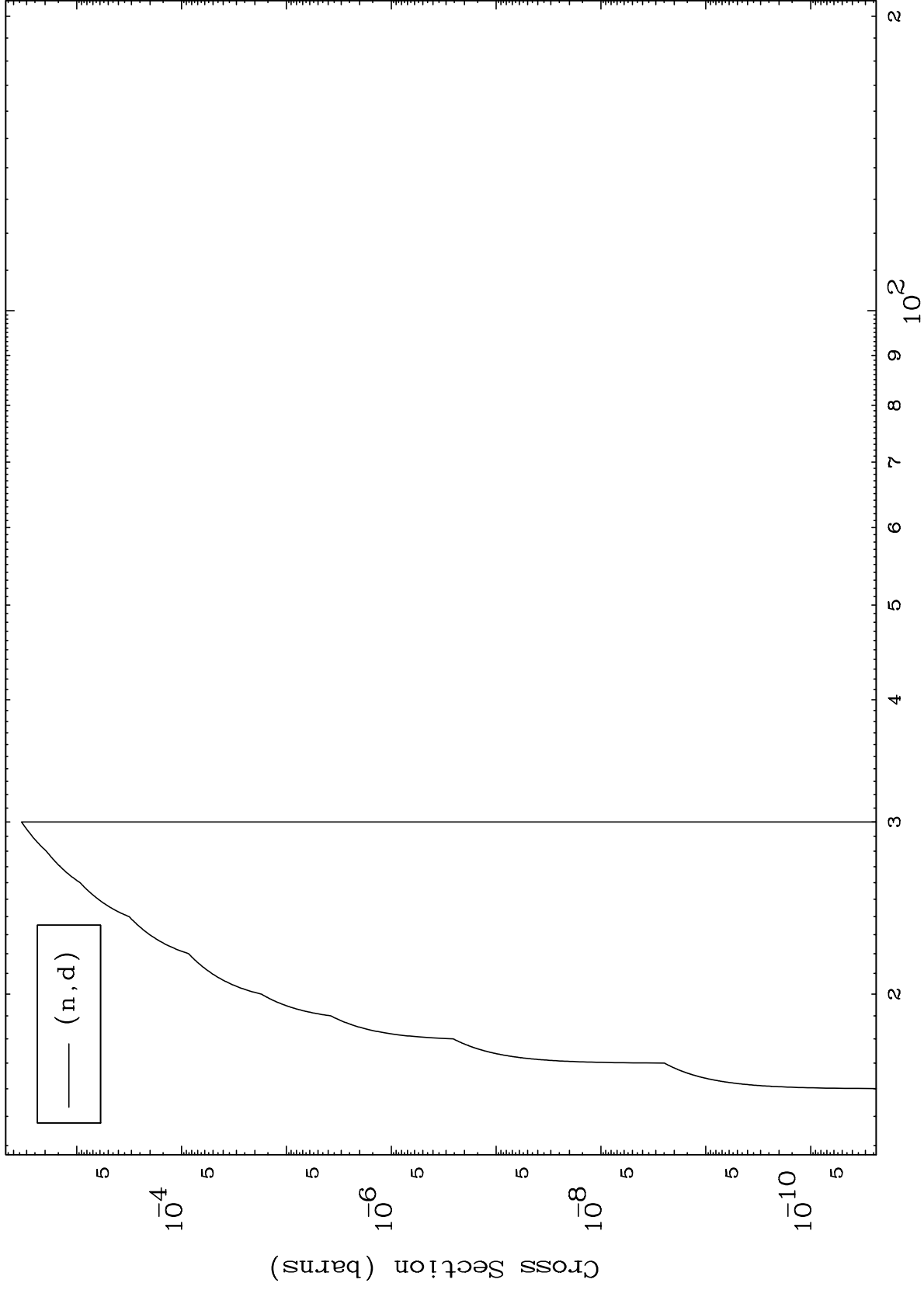
Incident Energy (MeV)

46-Pd-100

MAT 4619

(α, d) Levels
0 Kelvin Cross Sections

46-Pd-100



7

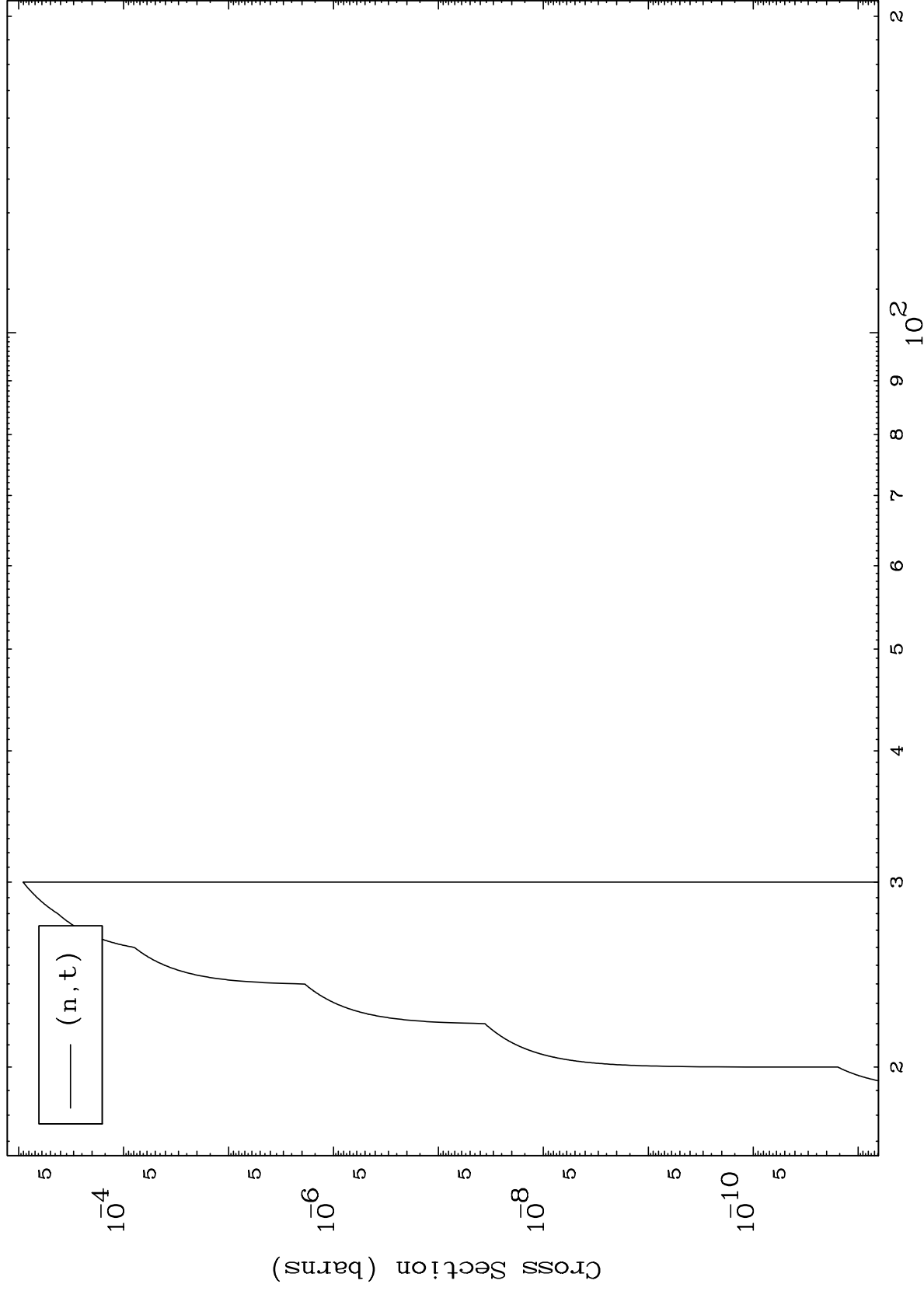
Incident Energy (MeV)

46-Pd-100

MAT 4619

(α, t) Levels
0 Kelvin Cross Sections

46-Pd-100



8

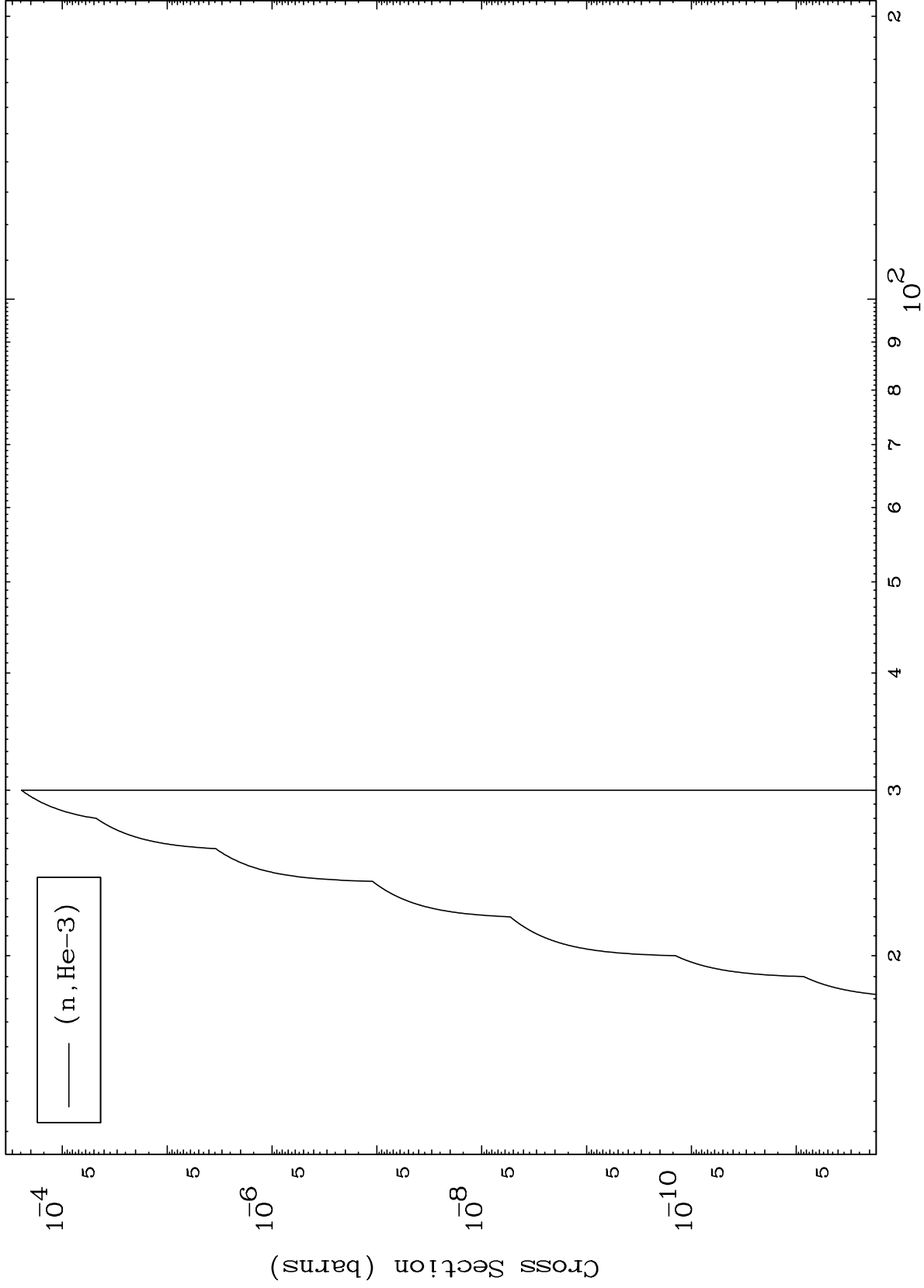
Incident Energy (MeV)

46-Pd-100

MAT 4619

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

46-Pd-100

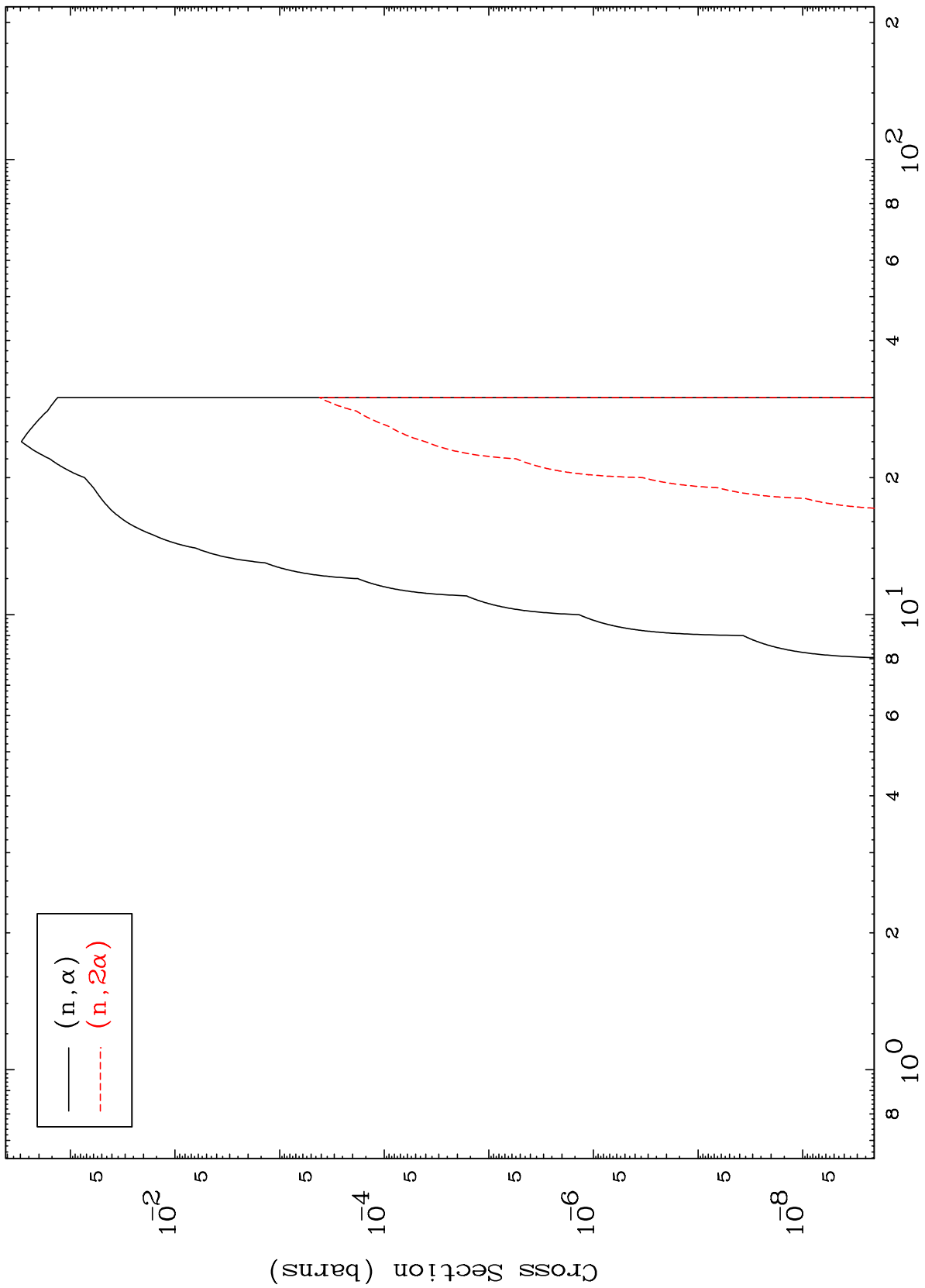


MAT 4619

(α, α) Levels

46-Pd-100

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

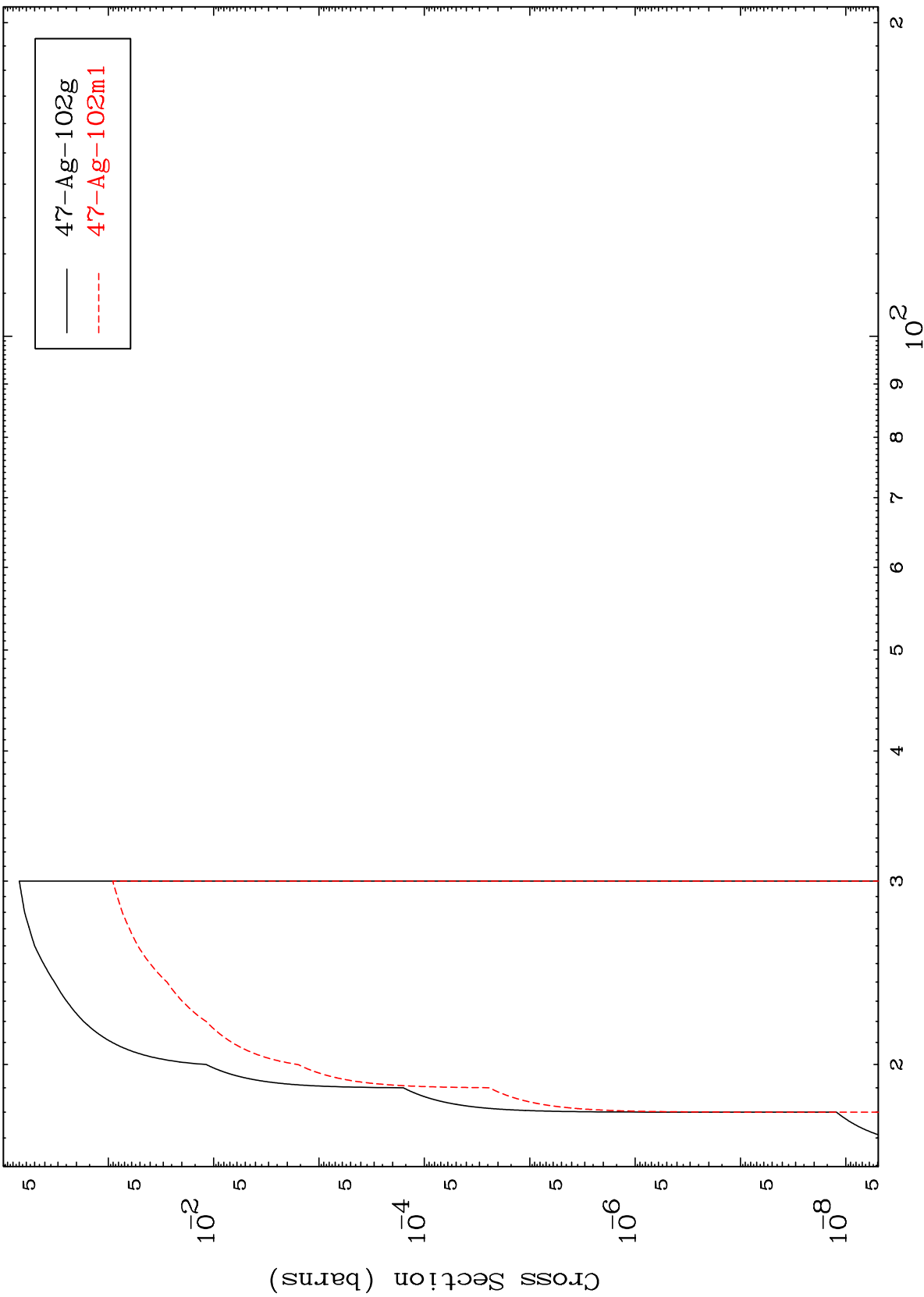
46-Pd-100

MAT 4619

(n,n') p

46-Pd-100

Radionuclide Production Cross Section



47-Ag-102g
47-Ag-102m1

11

Incident Energy (MeV)

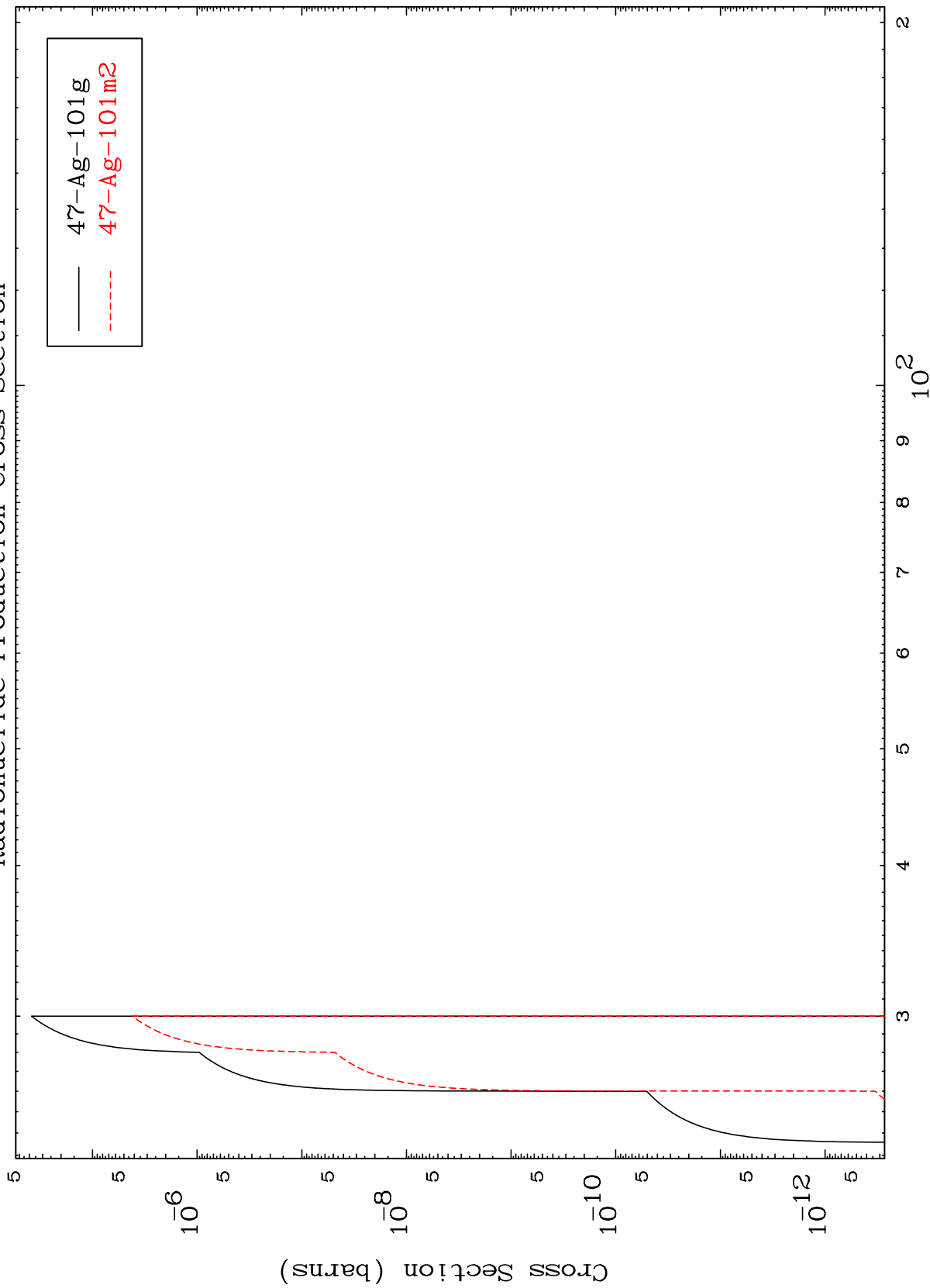
46-Pd-100

MAT 4619

(n,n') d

46-Pd-100

Radionuclide Production Cross Section



12

Incident Energy (MeV)

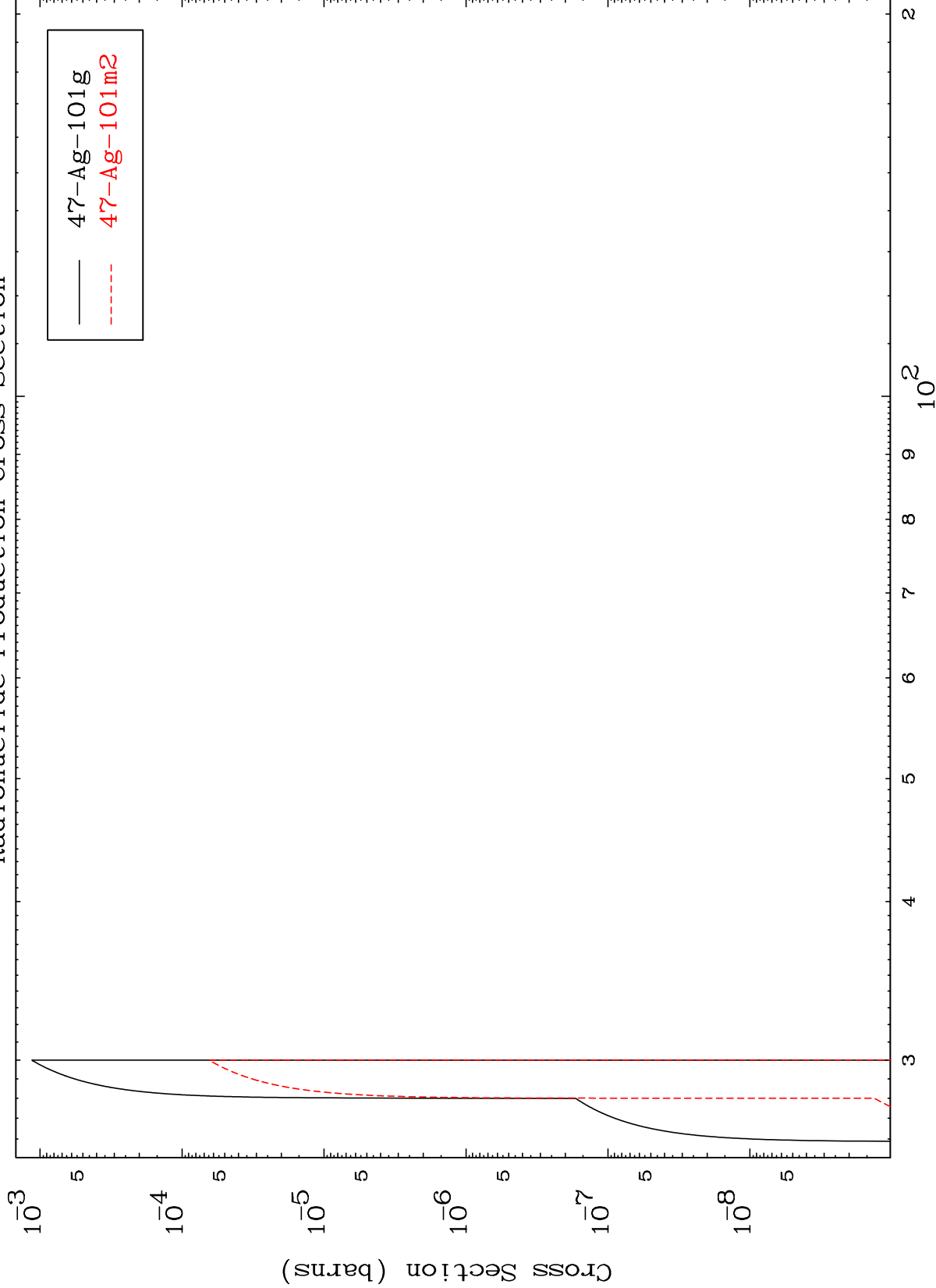
46-Pd-100

MAT 4619

(n,2n) p

46-Pd-100

Radionuclide Production Cross Section



13

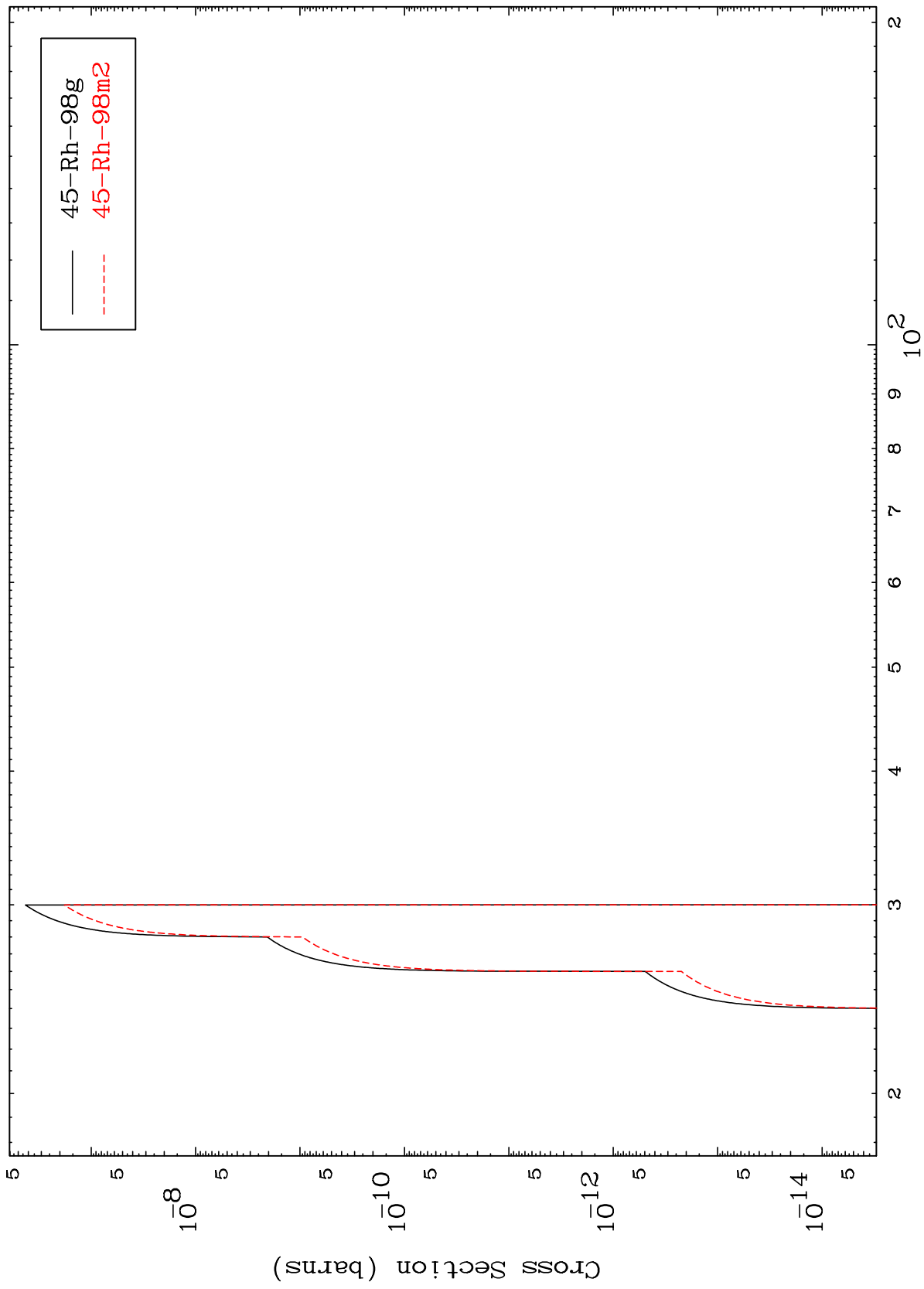
Incident Energy (MeV)

46-Pd-100

MAT 4619

46-Pd-100

(n,n') p α
Radionuclide Production Cross Section



14

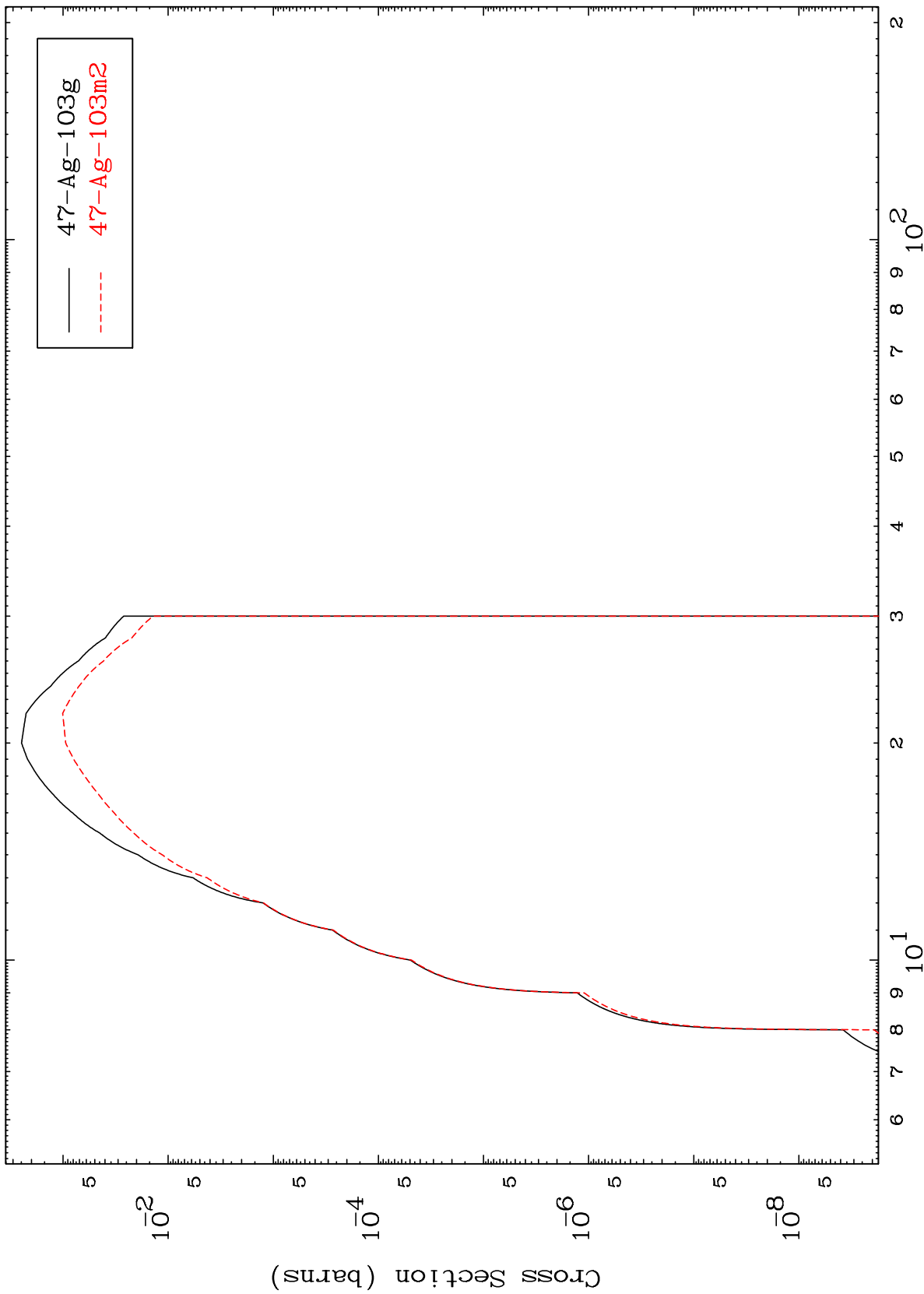
Incident Energy (MeV)

46-Pd-100

MAT 4619

46-Pd-100

(n,p)
Radionuclide Production Cross Section

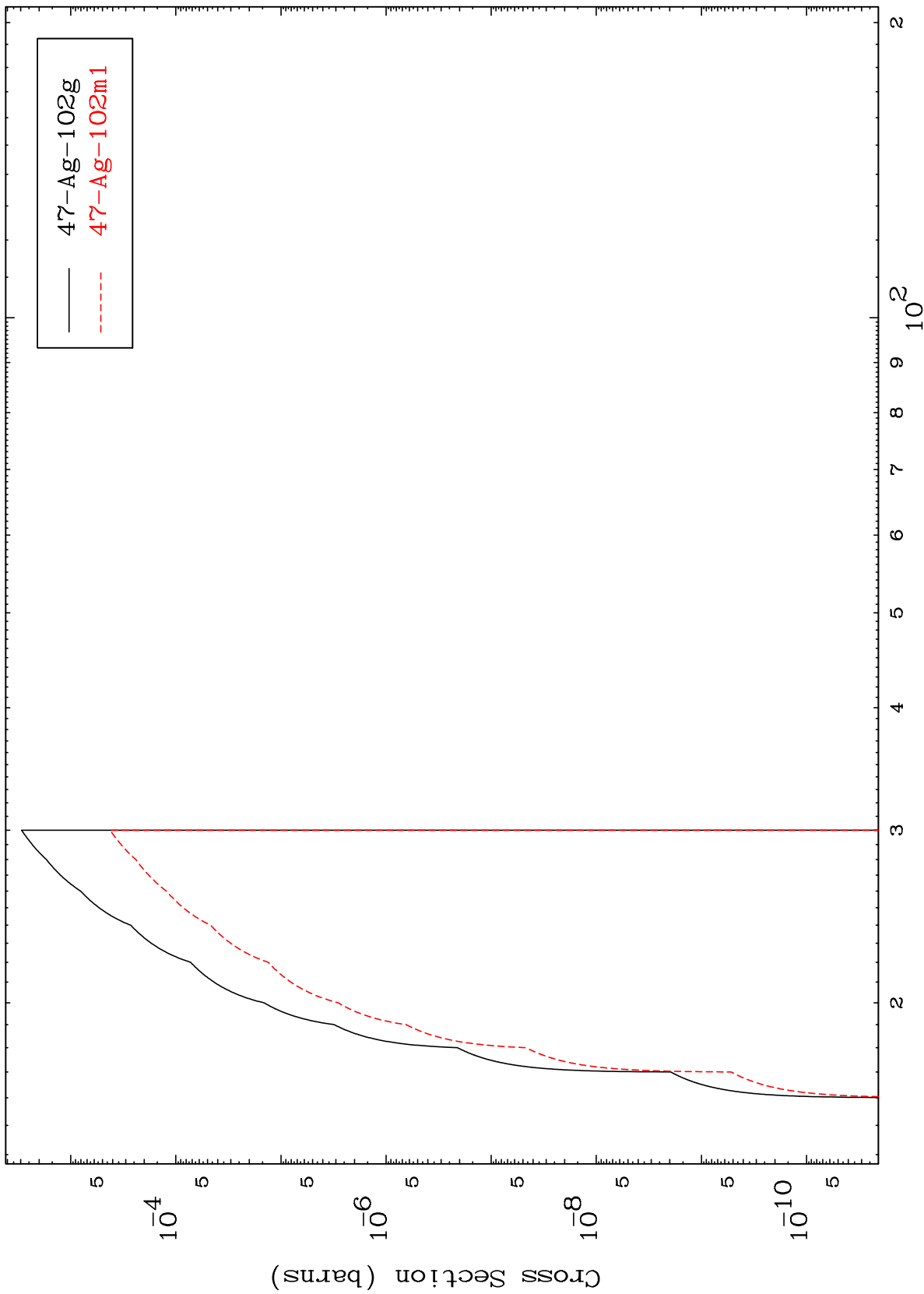


15

Incident Energy (MeV)

46-Pd-100

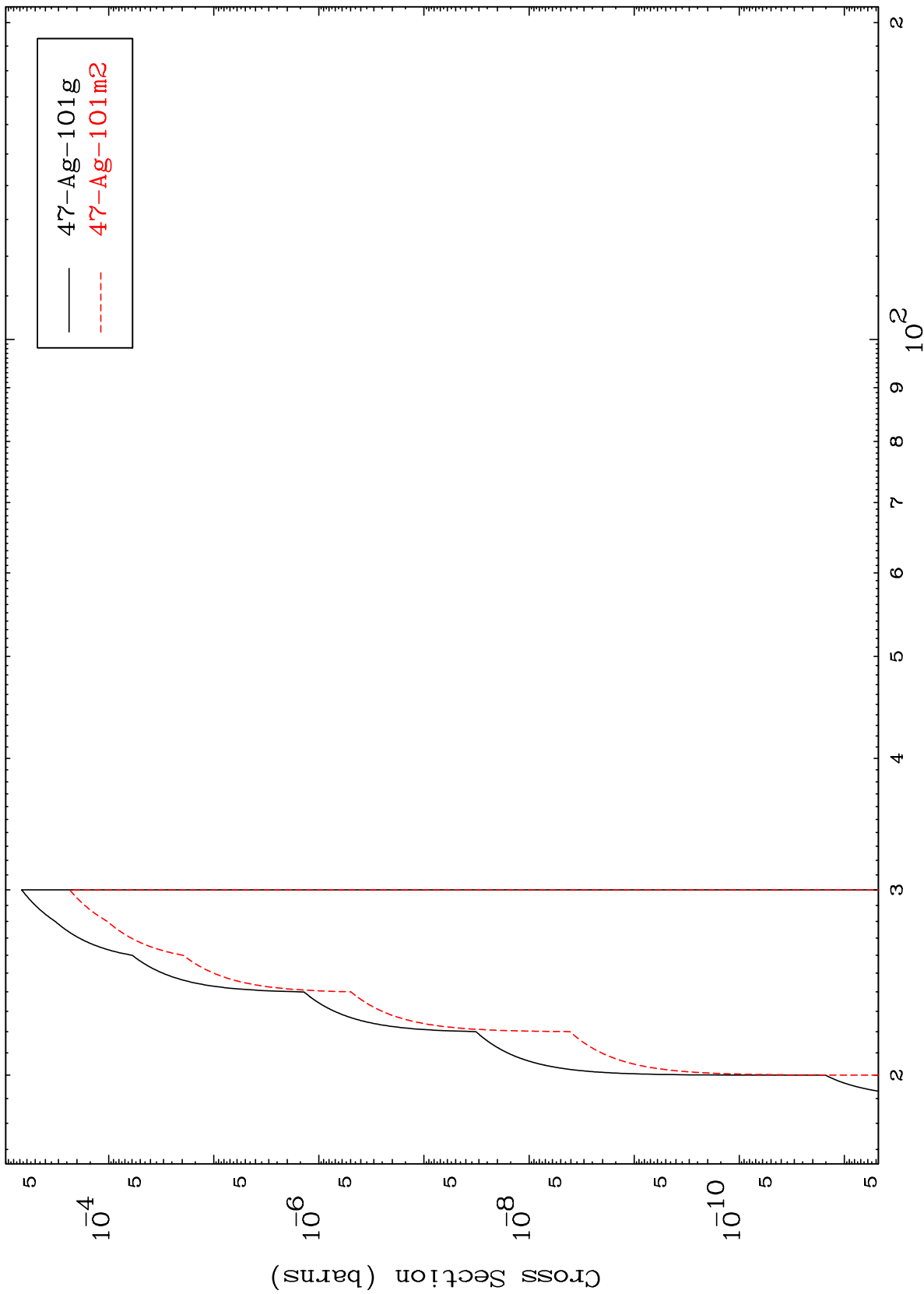
(n,d)
Radionuclide Production Cross Section



MAT 4619

46-Pd-100

(n, t)
Radionuclide Production Cross Section



17

46-Pd-100

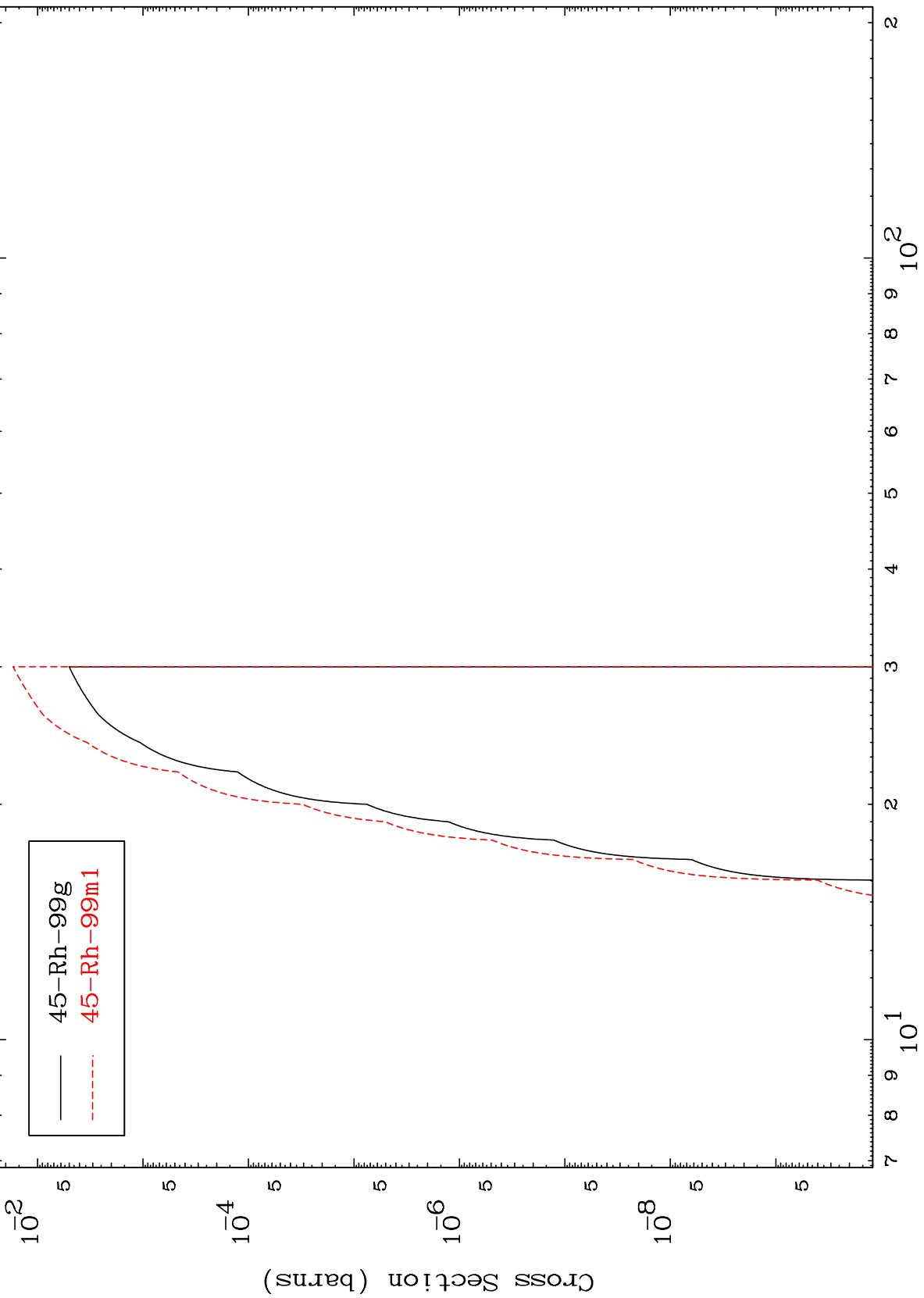
Incident Energy (MeV)

MAT 4619

46-Pd-100

(n,p) α

Radionuclide Production Cross Section



18

Incident Energy (MeV)

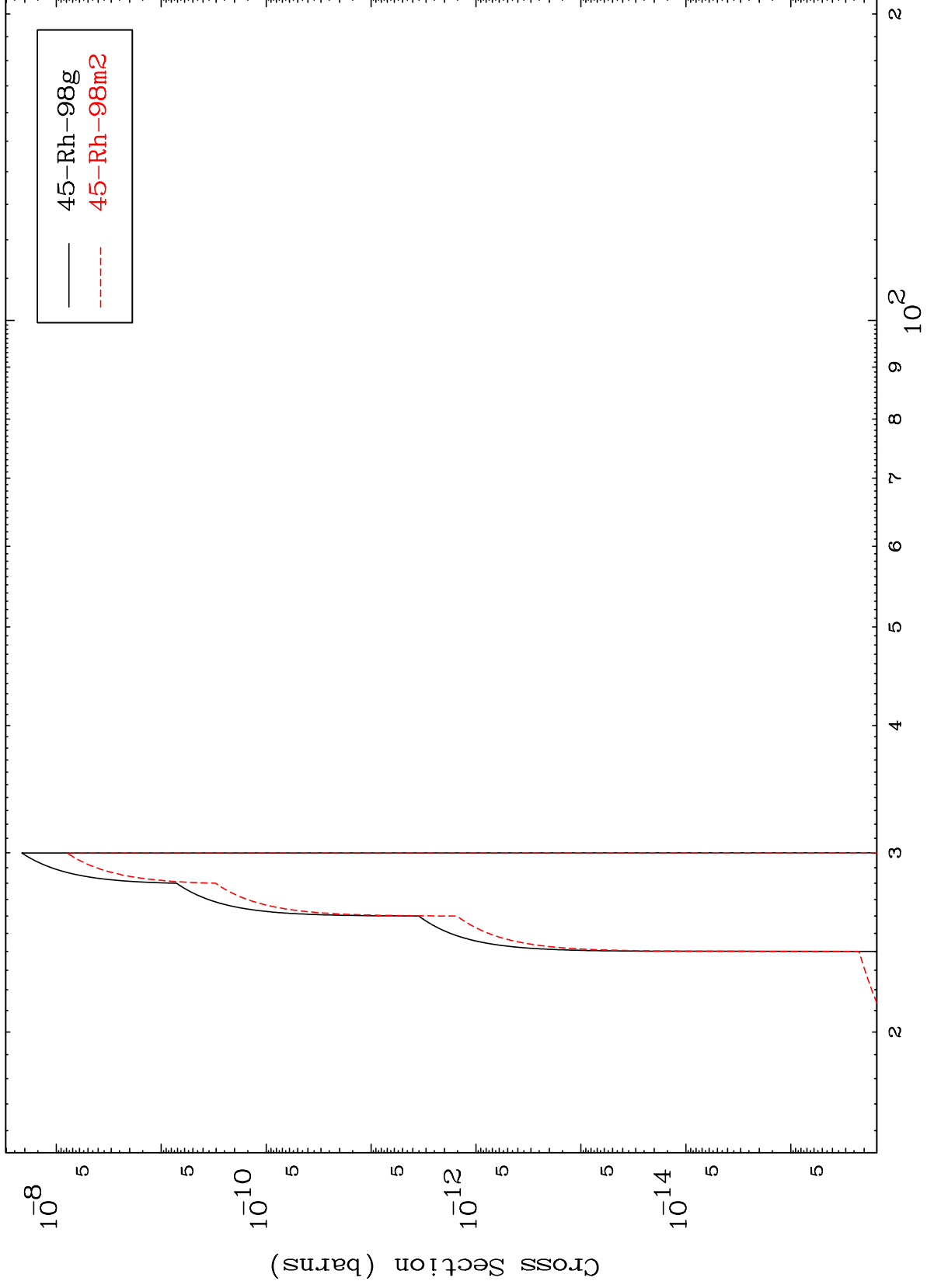
46-Pd-100

MAT 4619

(n,d) α

46-Pd-100

Radionuclide Production Cross Section



19

Incident Energy (MeV)

46-Pd-100