

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

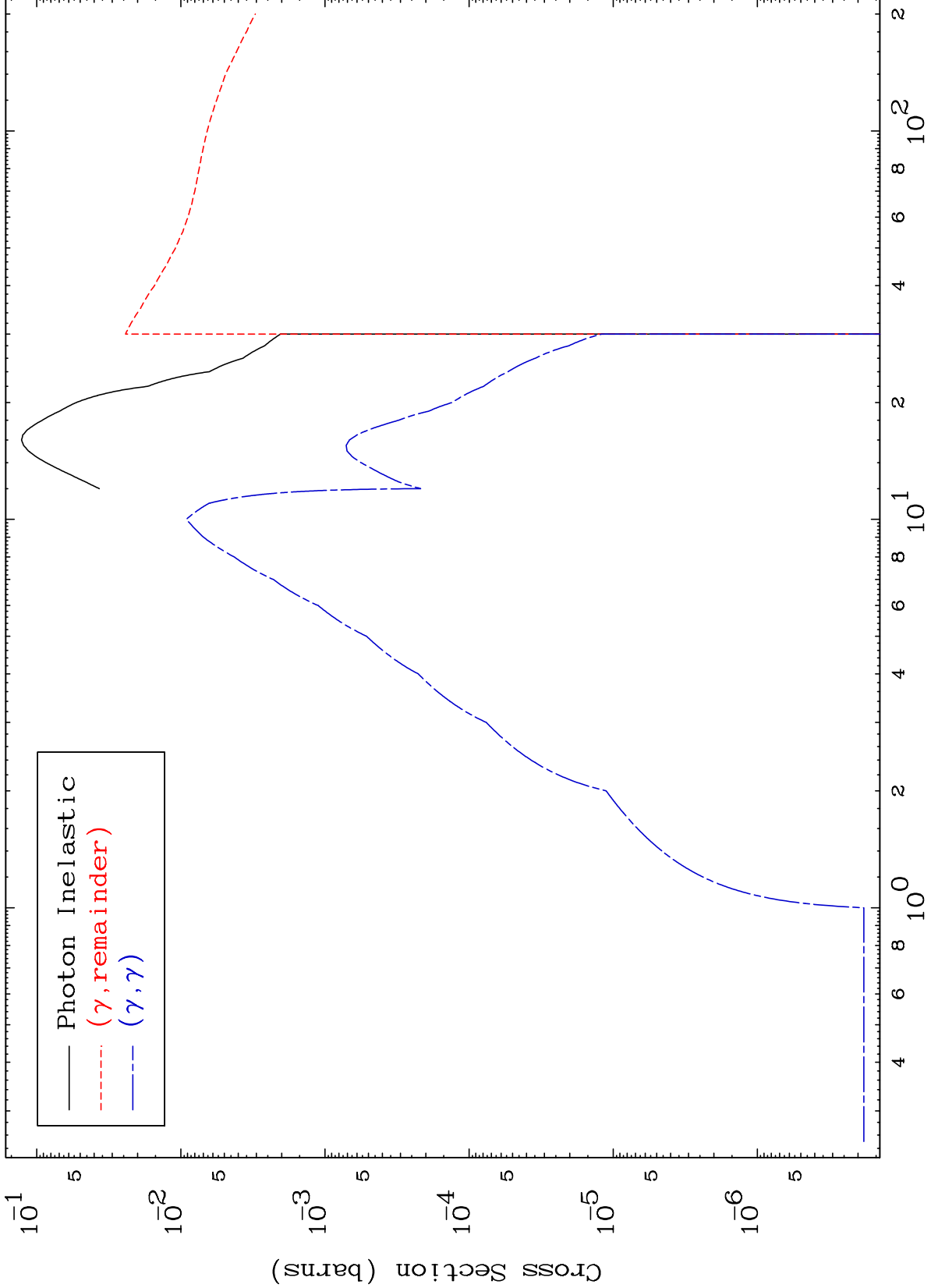
Press Mouse Button to Start

MAT 4619

Photon Major

46-Pd-100

0 Kelvin Cross Sections

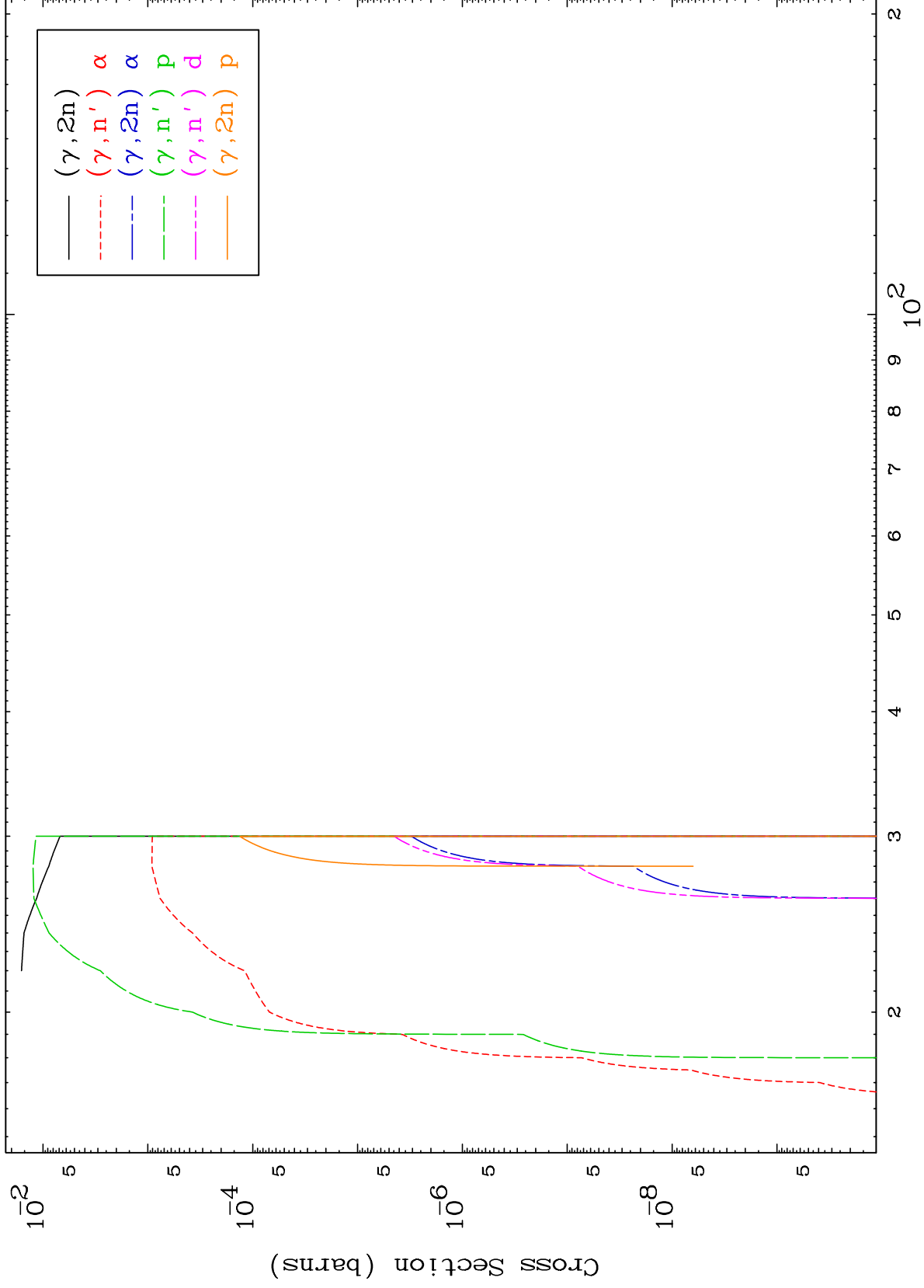


Photon Inelastic  
 $(\gamma, \text{remainder})$   
 $(\gamma, \gamma)$

MAT 4619

Photon Neutron Production  
0 Kelvin Cross Sections

46-Pd-100



2

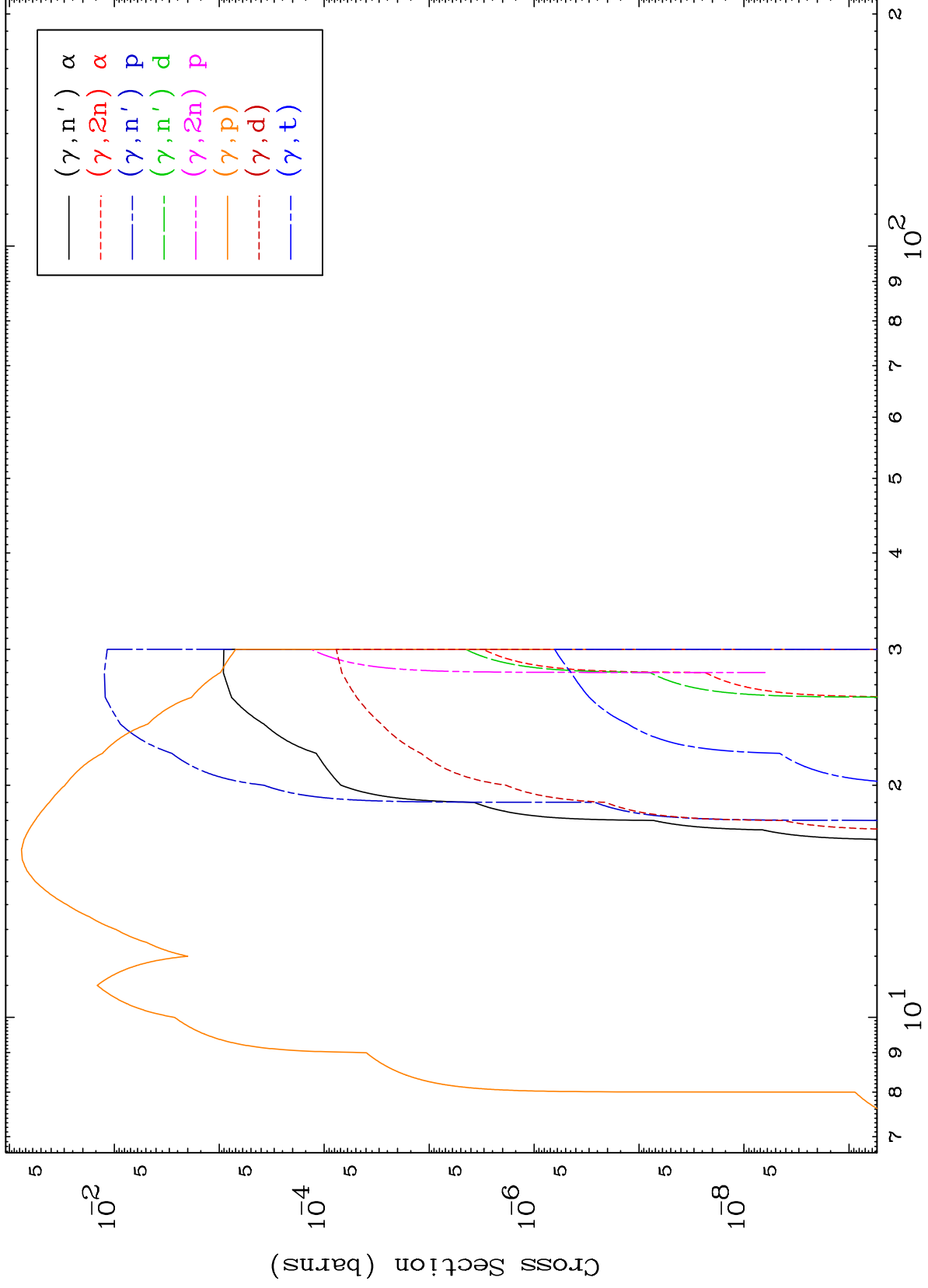
Incident Energy (MeV)

46-Pd-100

MAT 4619

Photon Charged Particle  
0 Kelvin Cross Sections

46-Pd-100



3

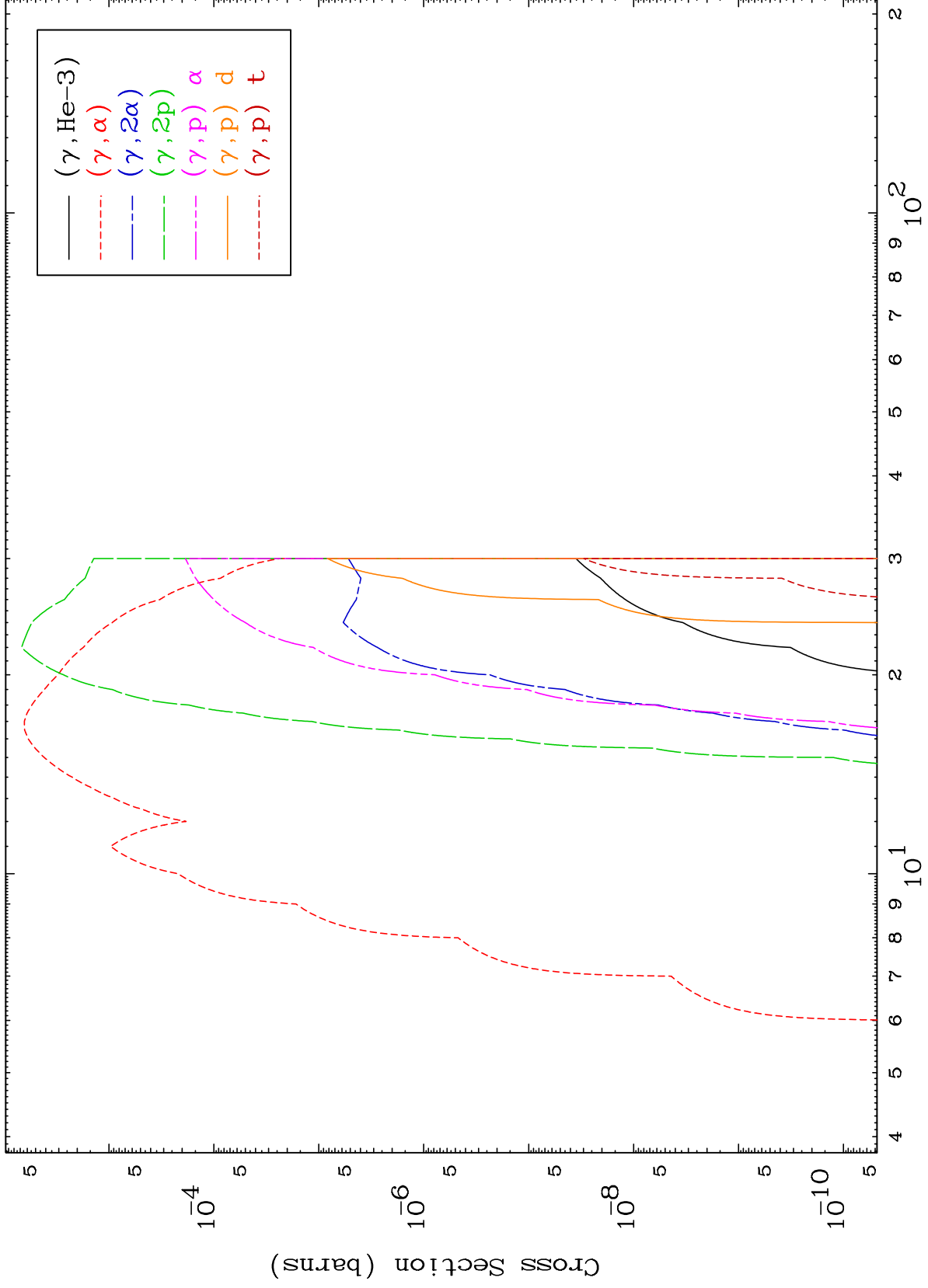
Incident Energy (MeV)

46-Pd-100

MAT 4619

Photon Charged Particle  
0 Kelvin Cross Sections

46-Pd-100



4

Incident Energy (MeV)

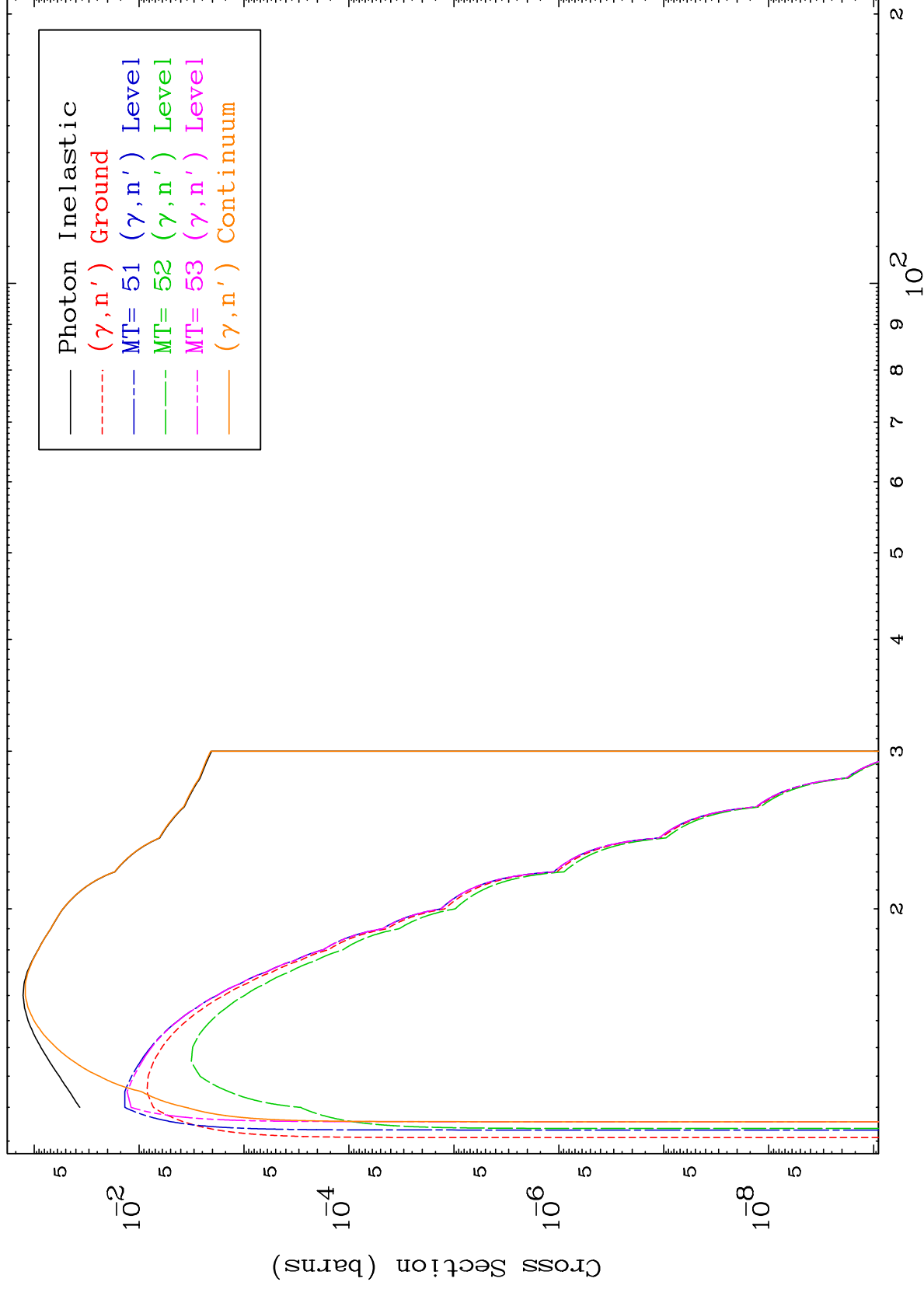
46-Pd-100

MAT 4619

$(\gamma, n')$  Level

46-Pd-100

0 Kelvin Cross Sections



5

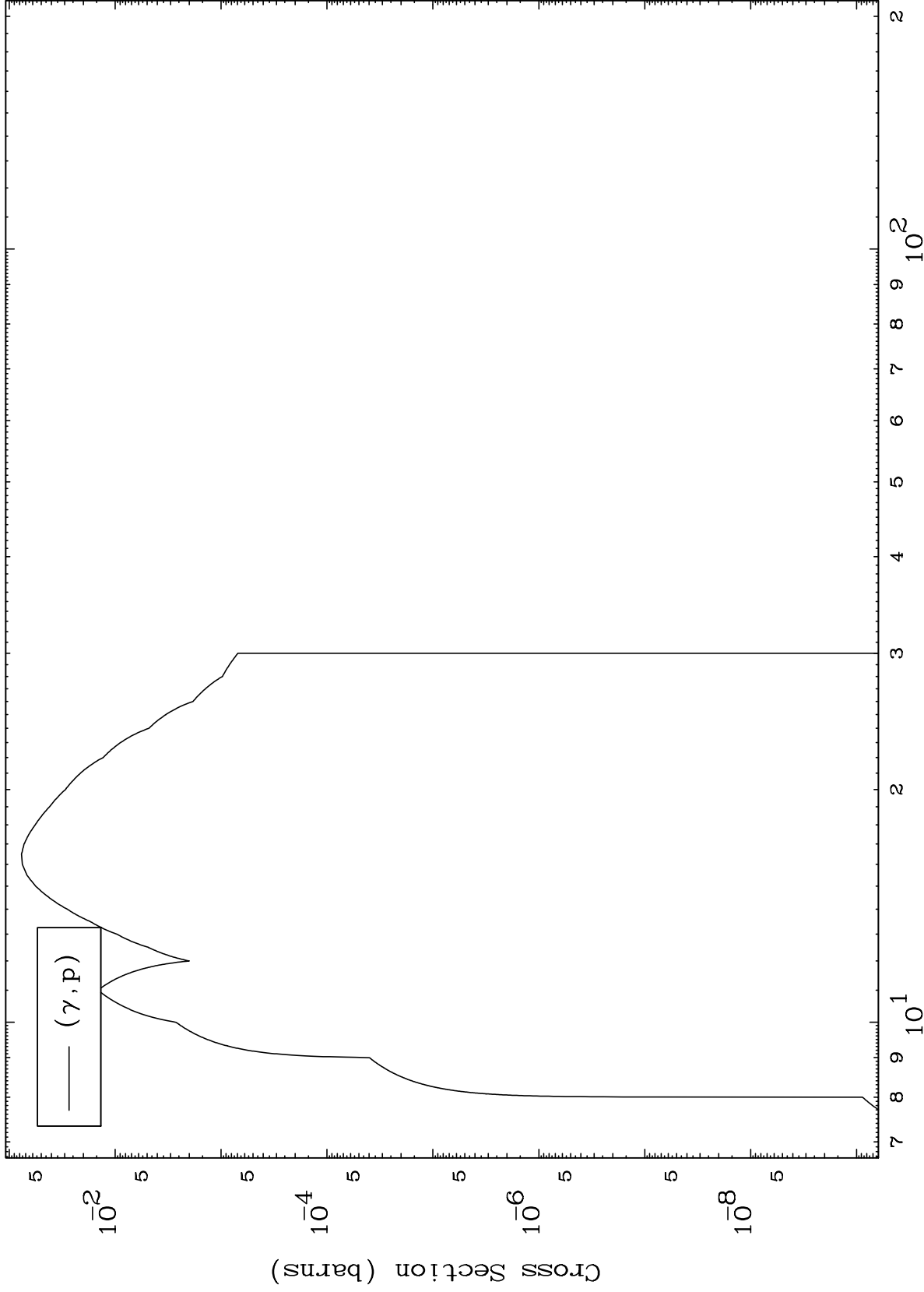
Incident Energy (MeV)

46-Pd-100

MAT 4619

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

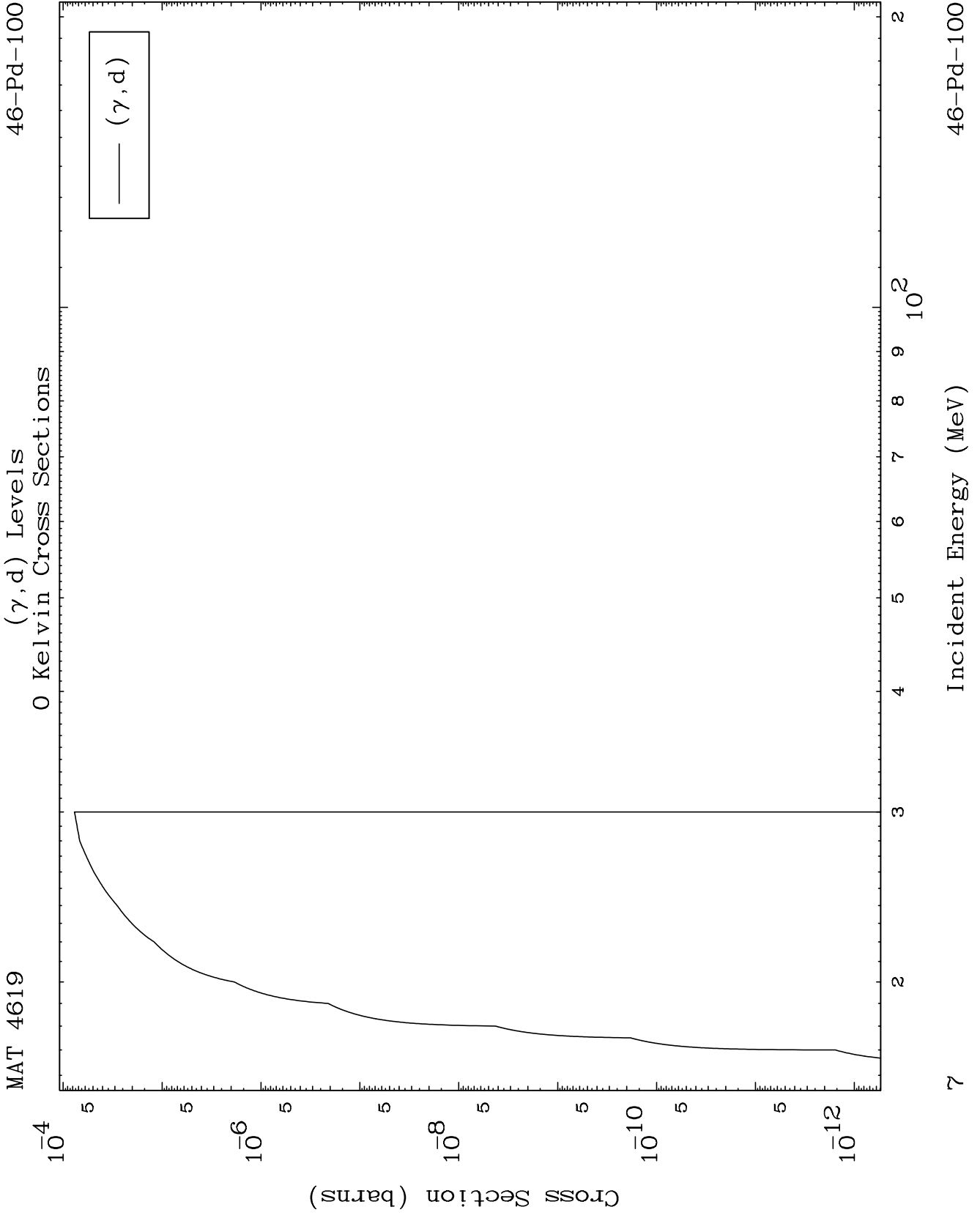
46-Pd-100



6

Incident Energy (MeV)

46-Pd-100

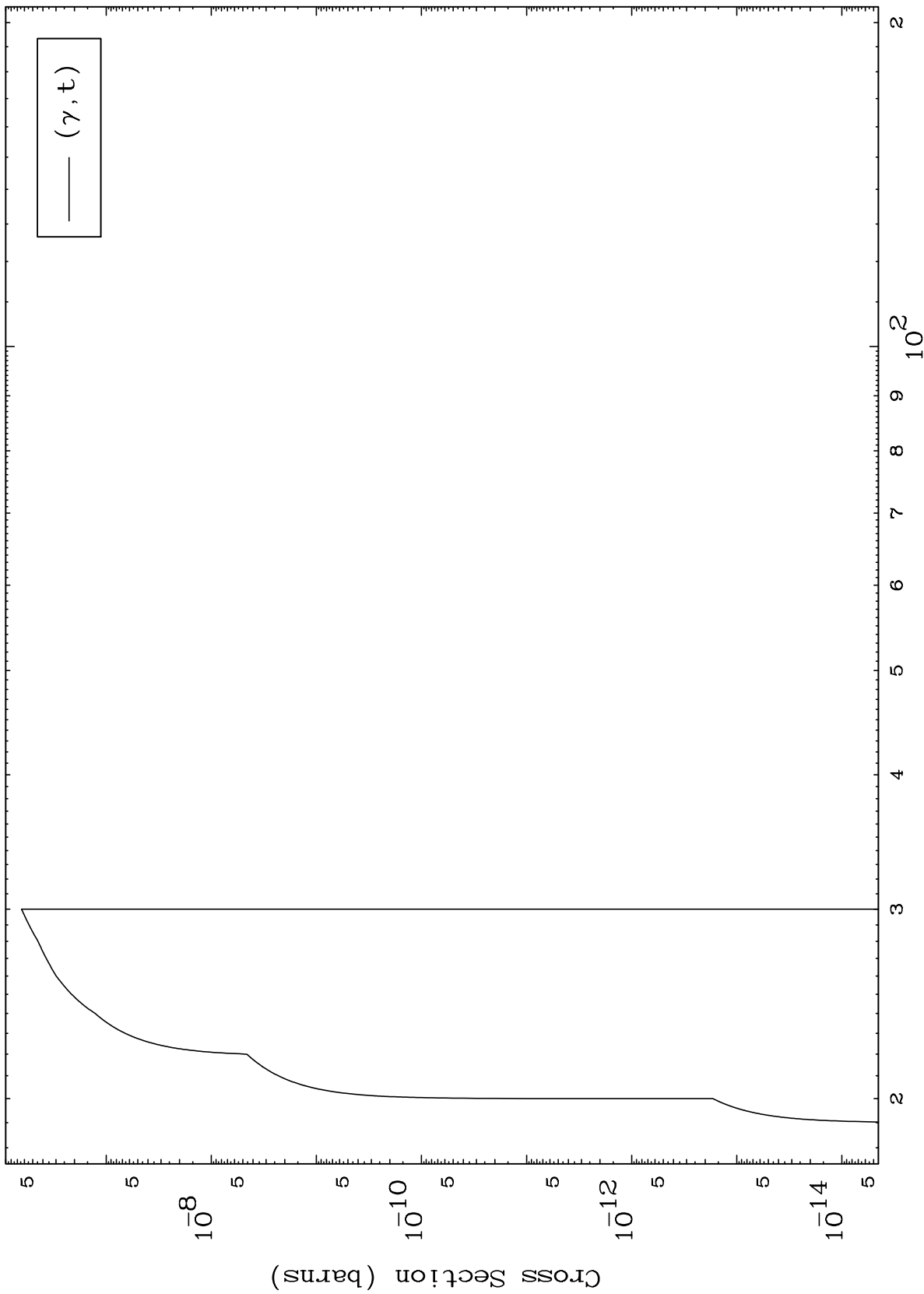




MAT 4619

46-Pd-100

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



46-Pd-100

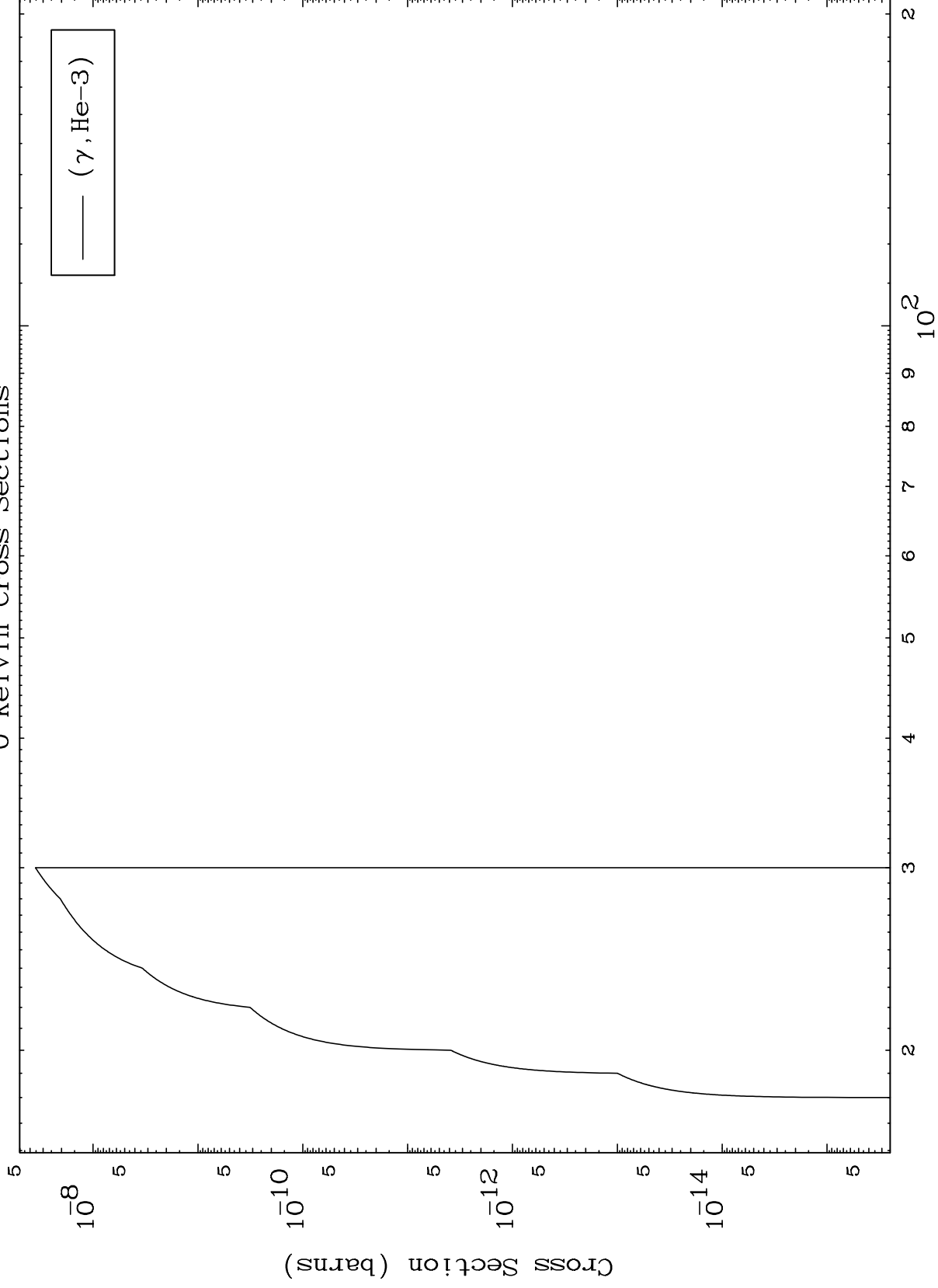
Incident Energy (MeV)

8

MAT 4619

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

46-Pd-100



9

Incident Energy (MeV)

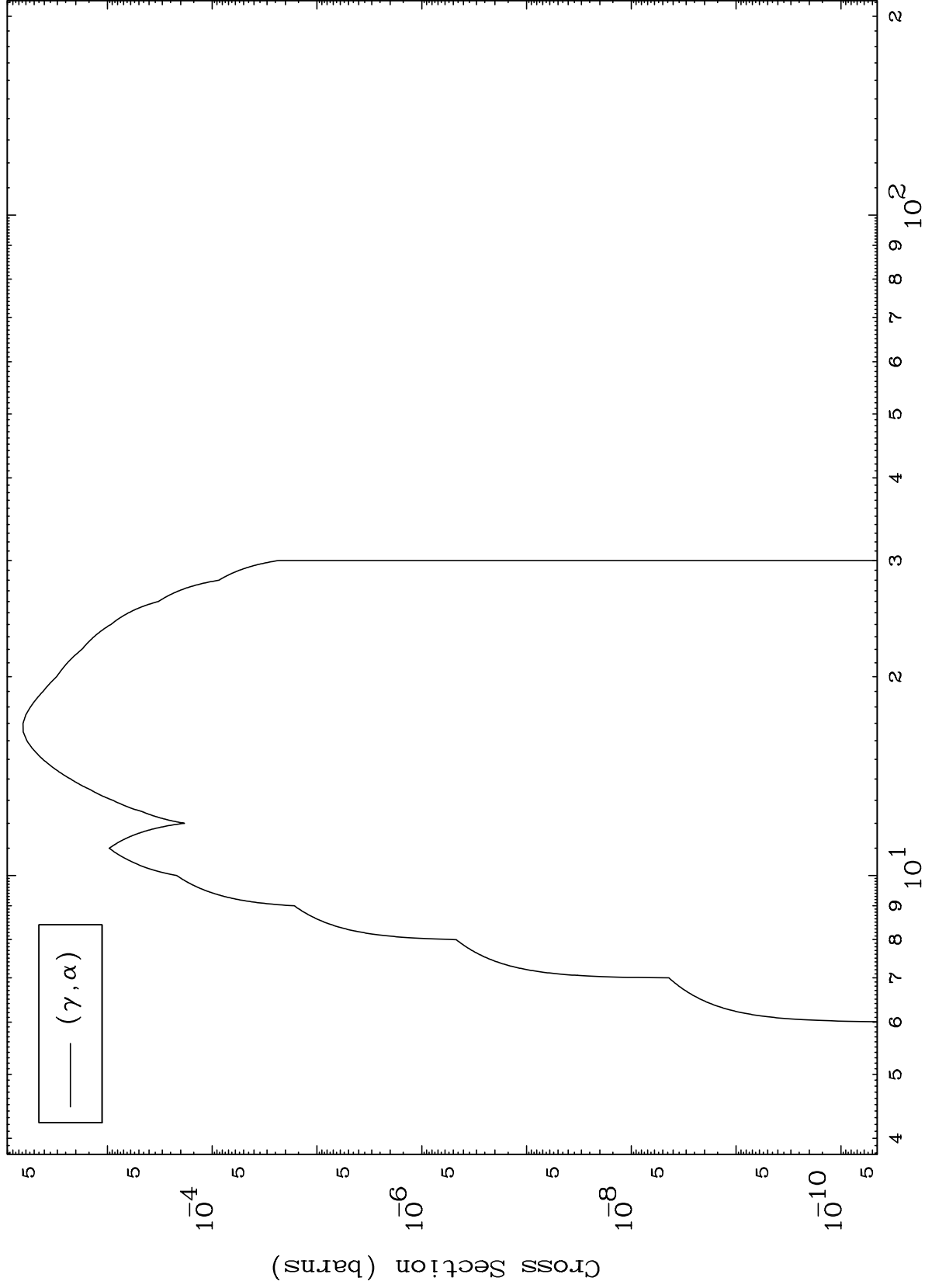
46-Pd-100

MAT 4619

( $\gamma, \alpha$ ) Levels

46-Pd-100

0 Kelvin Cross Sections



10

Incident Energy (MeV)

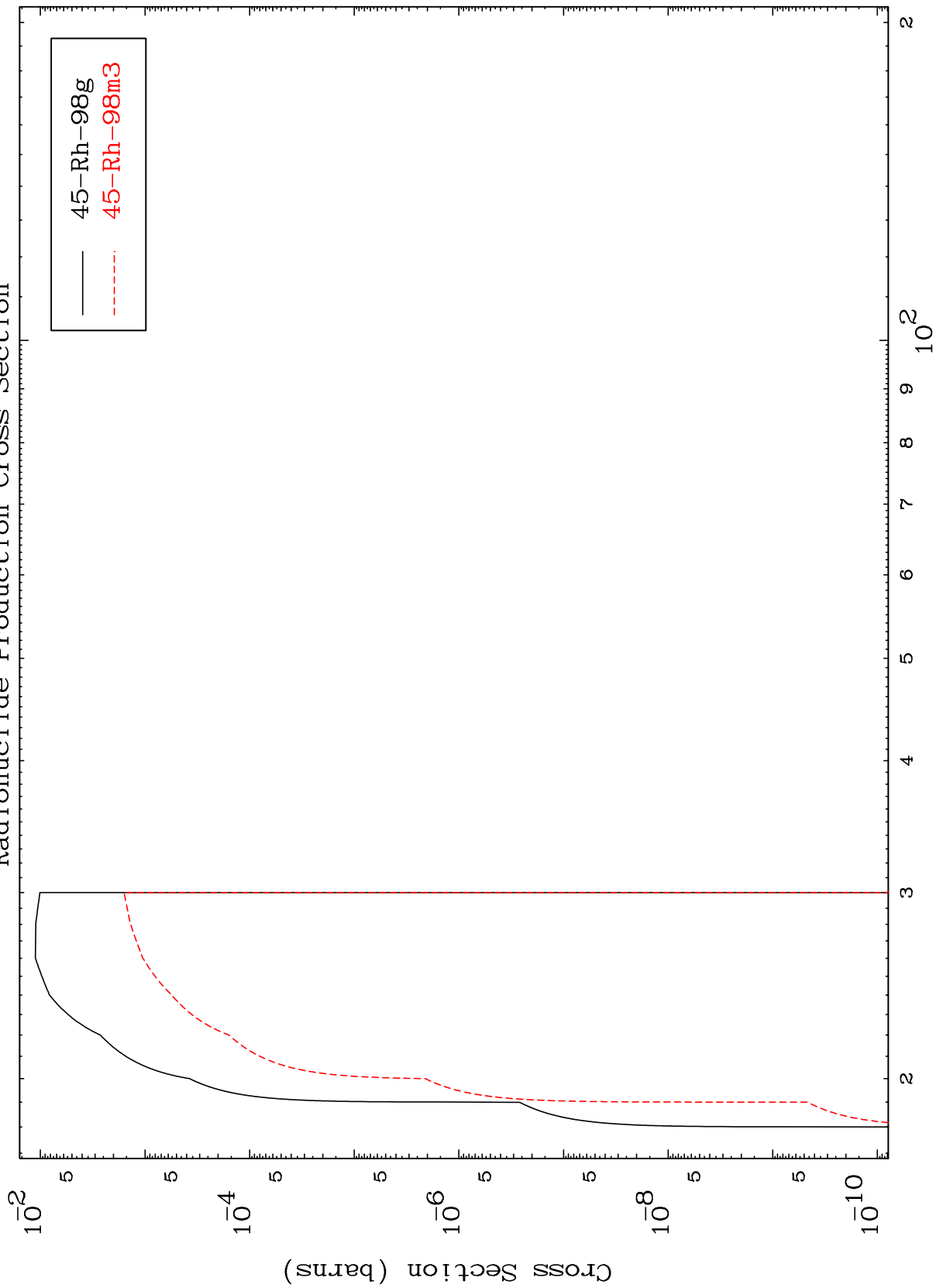
46-Pd-100

MAT 4619

$(\gamma, n')$  p

46-Pd-100

Radionuclide Production Cross Section



11

Incident Energy (MeV)

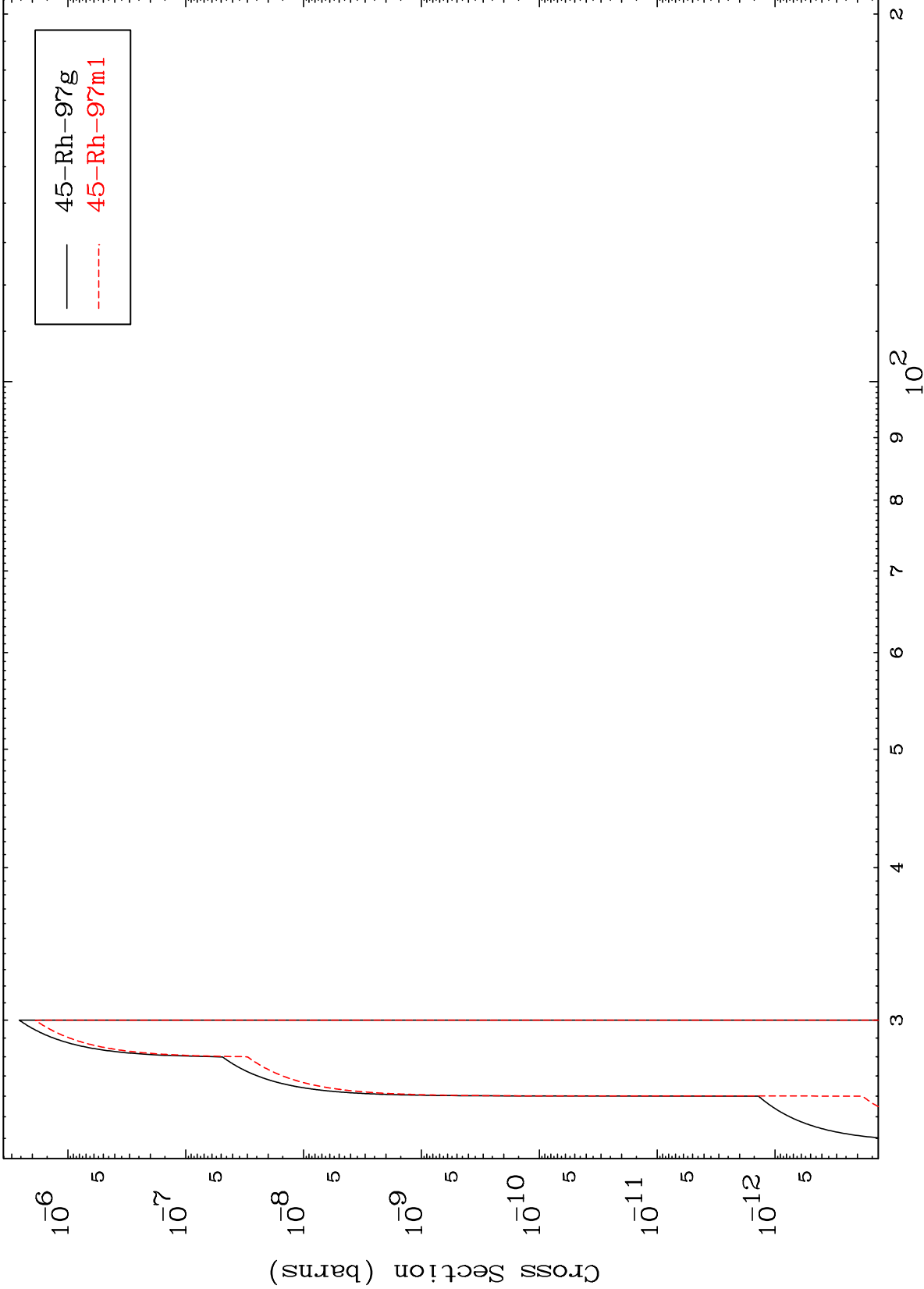
46-Pd-100

MAT 4619

( $\gamma, n'$ ) d

46-Pd-100

Radionuclide Production Cross Section



12

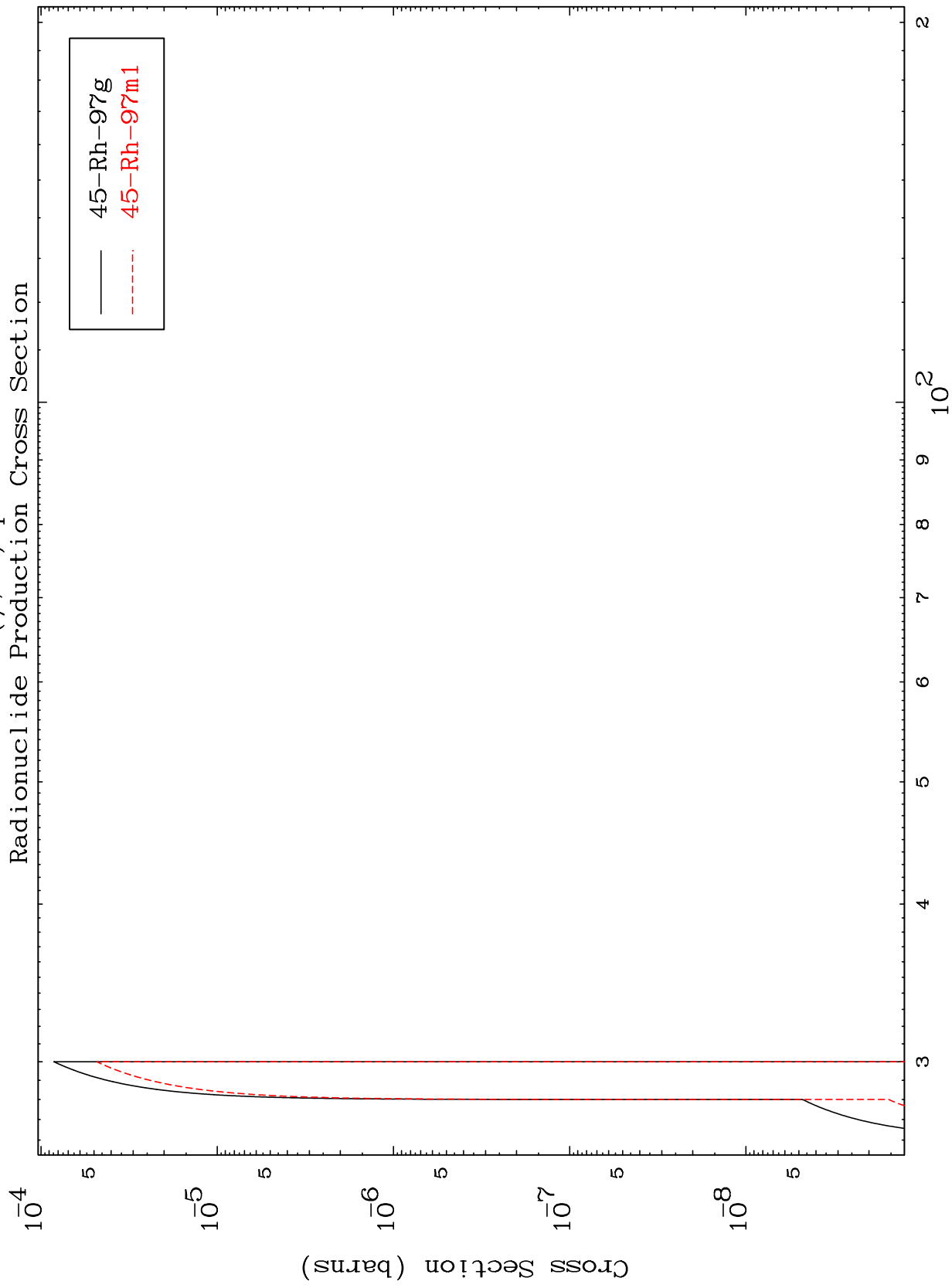
Incident Energy (MeV)

46-Pd-100

MAT 4619

46-Pd-100

$(\gamma, 2n)$  p  
Radionuclide Production Cross Section



13

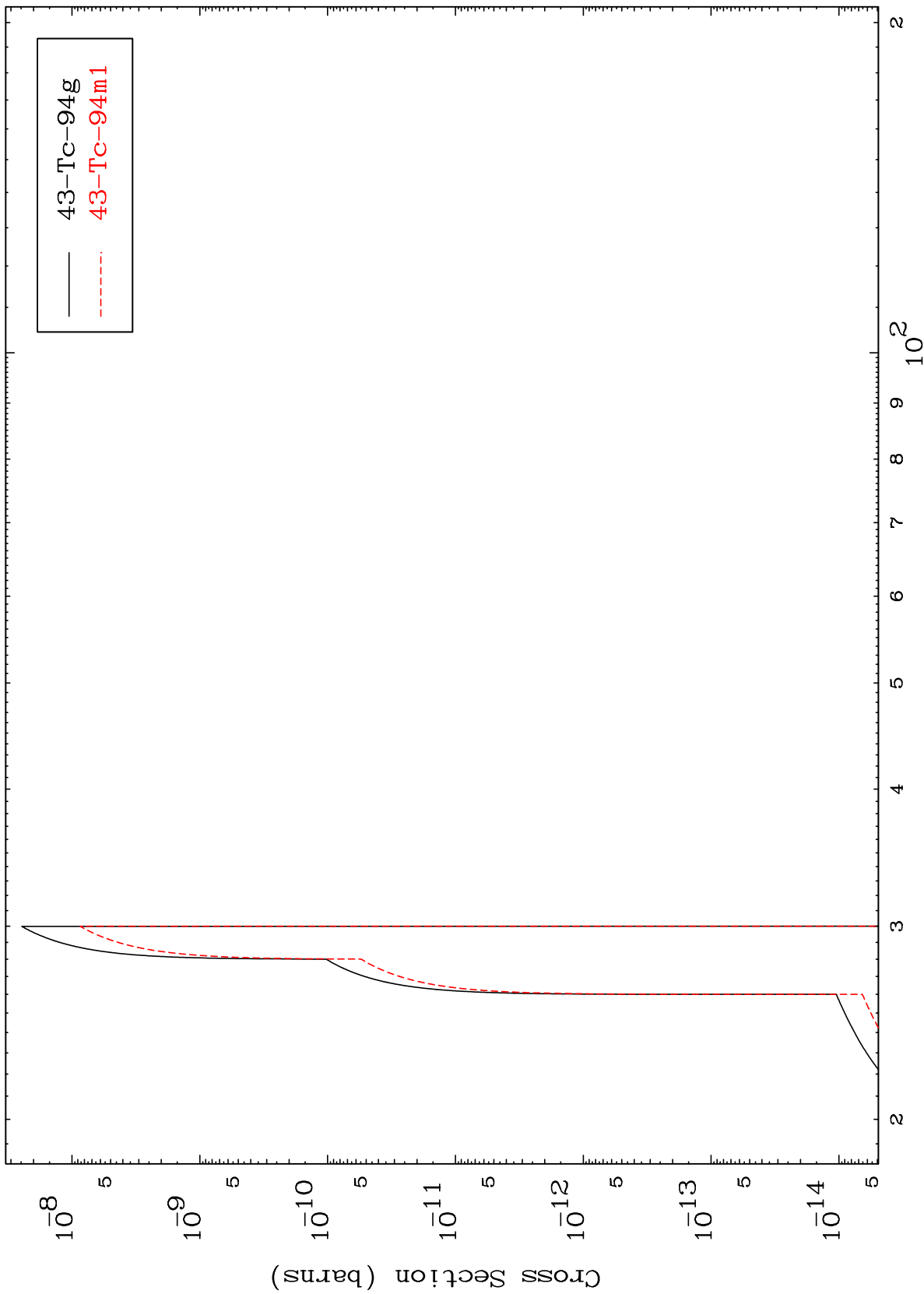
46-Pd-100

Incident Energy (MeV)

MAT 4619

46-Pd-100

$(\gamma, n')$  p  $\alpha$   
Radionuclide Production Cross Section



46-Pd-100

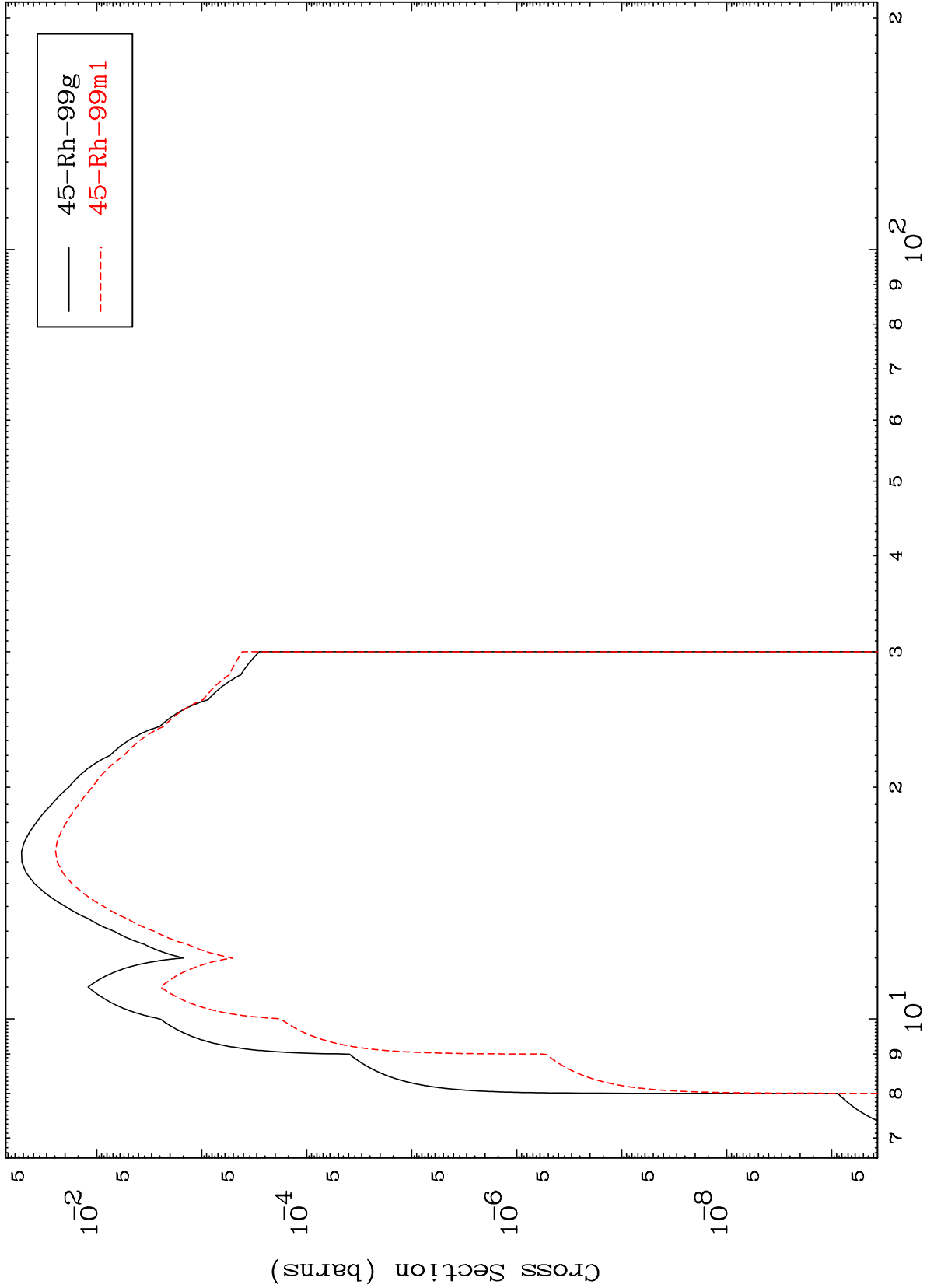
Incident Energy (MeV)

14

MAT 4619

46-Pd-100

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



46-Pd-100

Incident Energy (MeV)

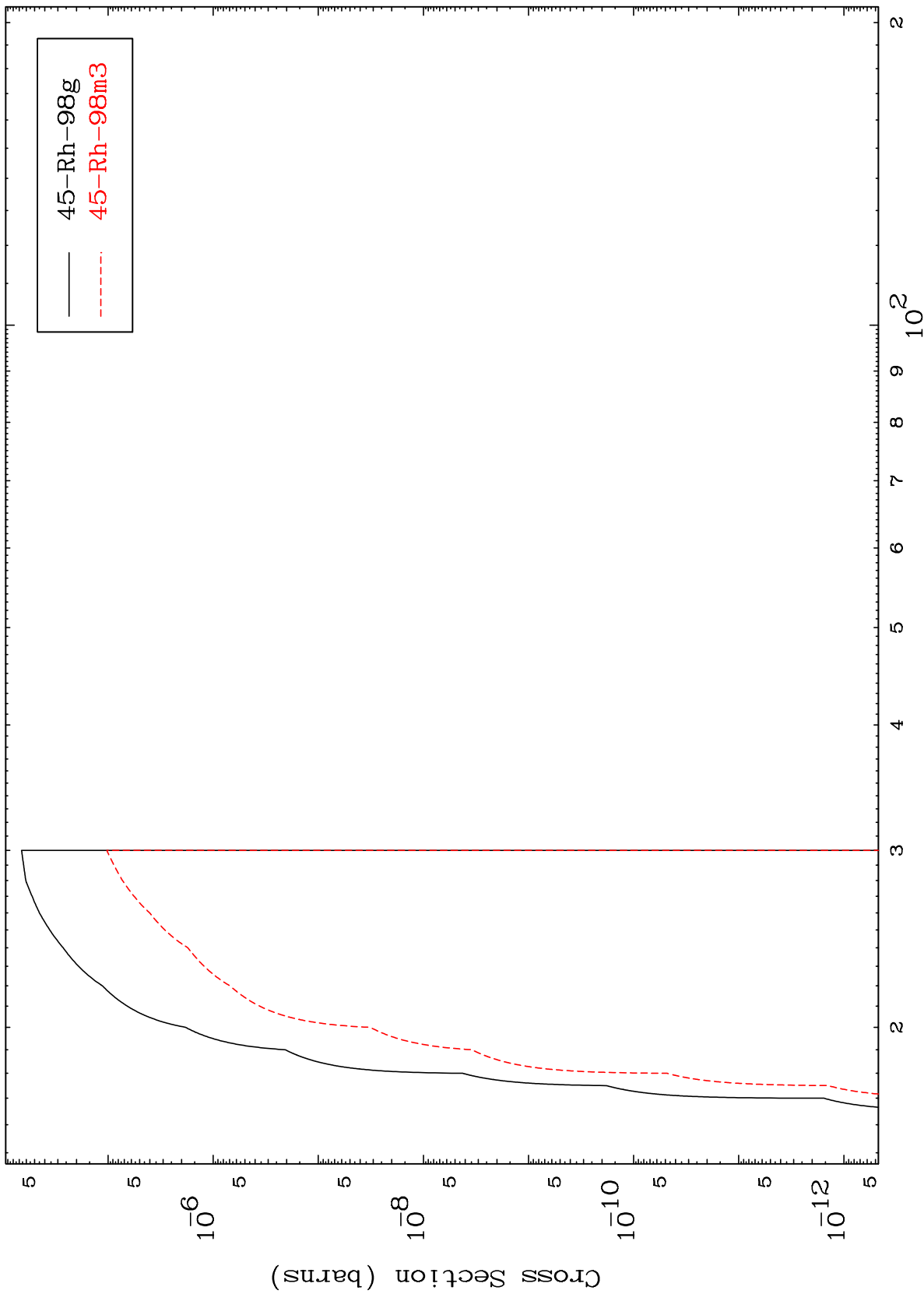
15



MAT 4619

46-Pd-100

( $\gamma, d$ )  
Radionuclide Production Cross Section



45-Rh-98g  
45-Rh-98m3

16

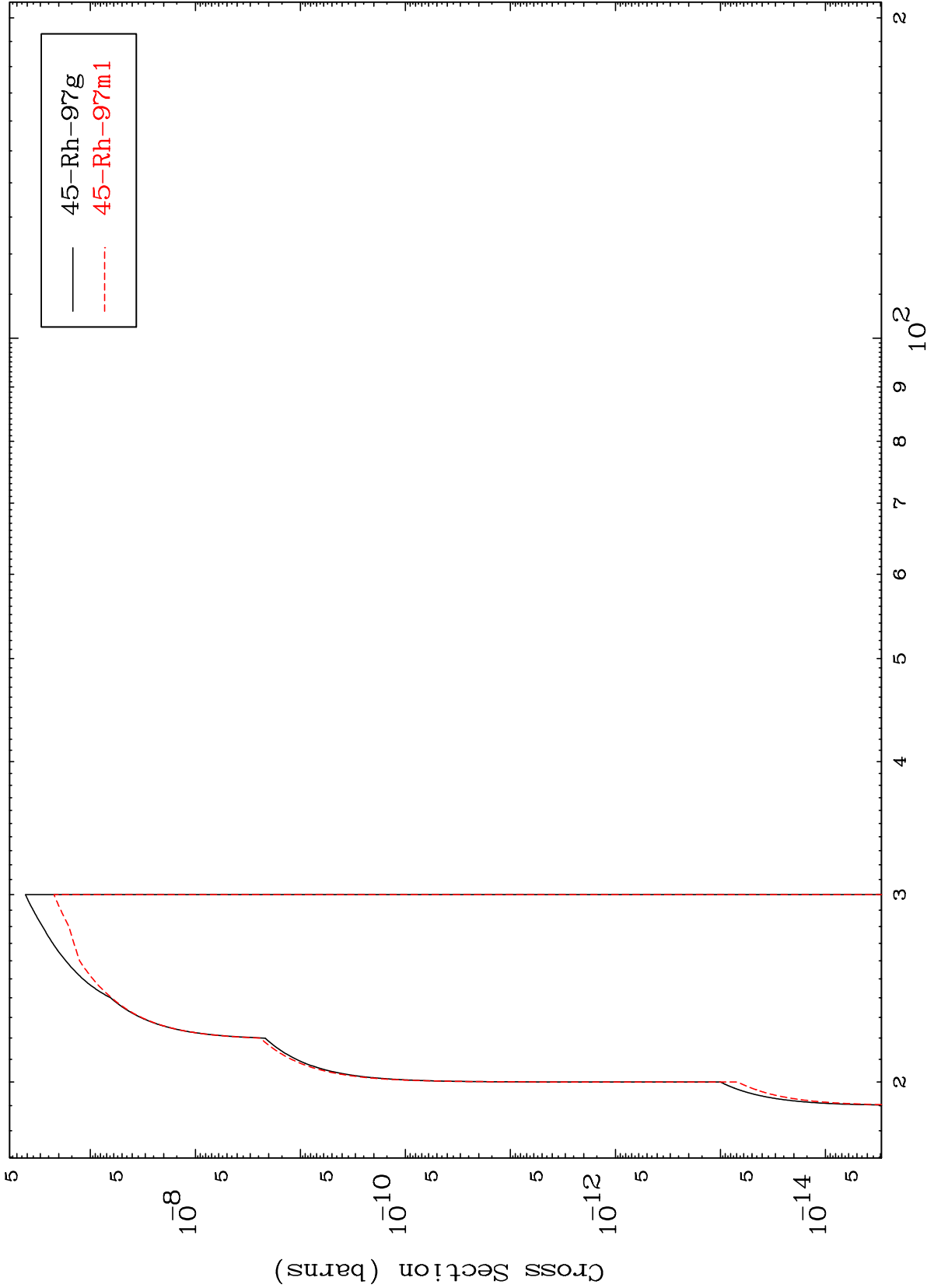
Incident Energy (MeV)

46-Pd-100

MAT 4619

46-Pd-100

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



17

46-Pd-100

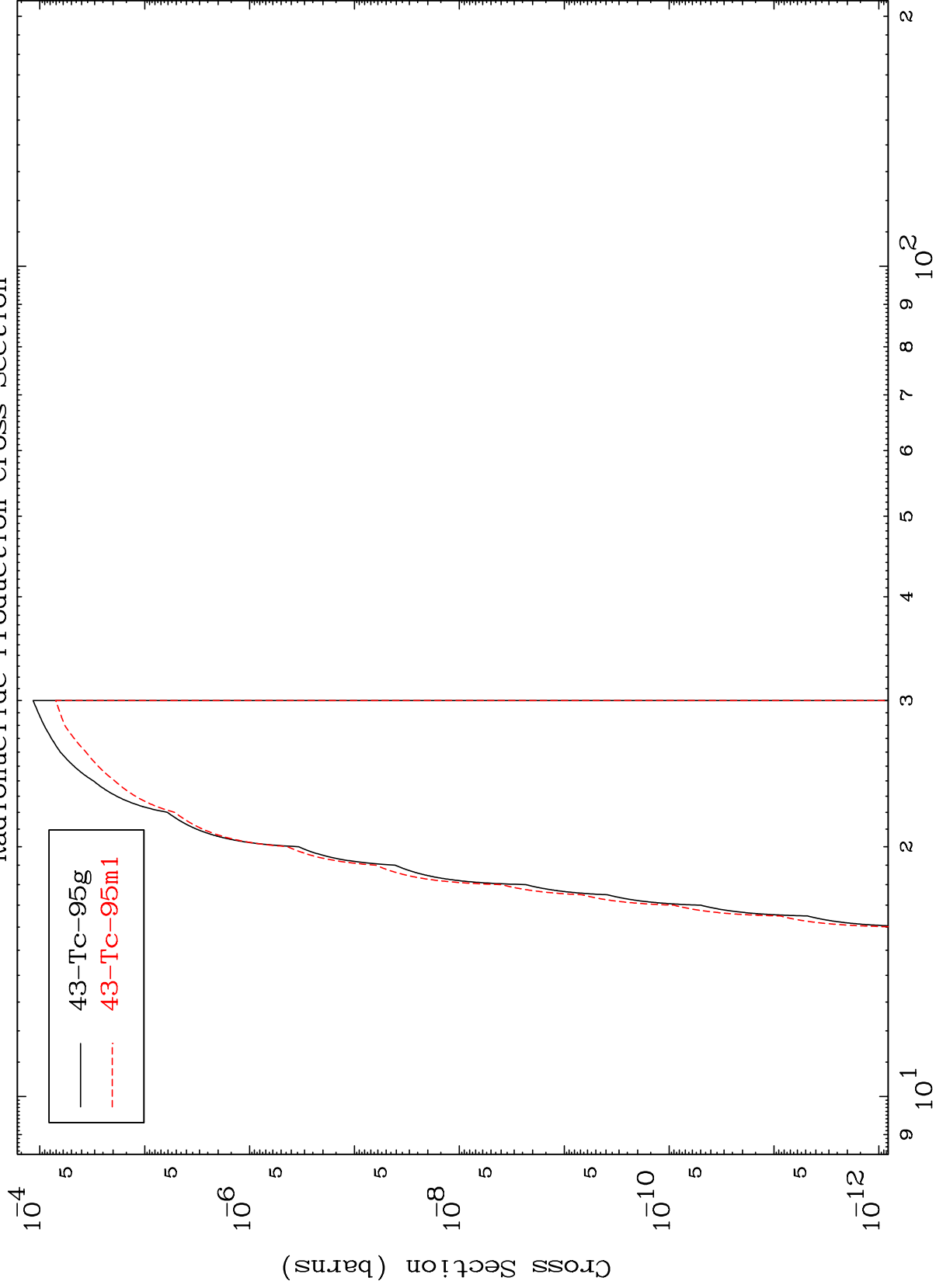
Incident Energy (MeV)

MAT 4619

( $\gamma, p$ )  $\alpha$

46-Pd-100

Radionuclide Production Cross Section



18

Incident Energy (MeV)

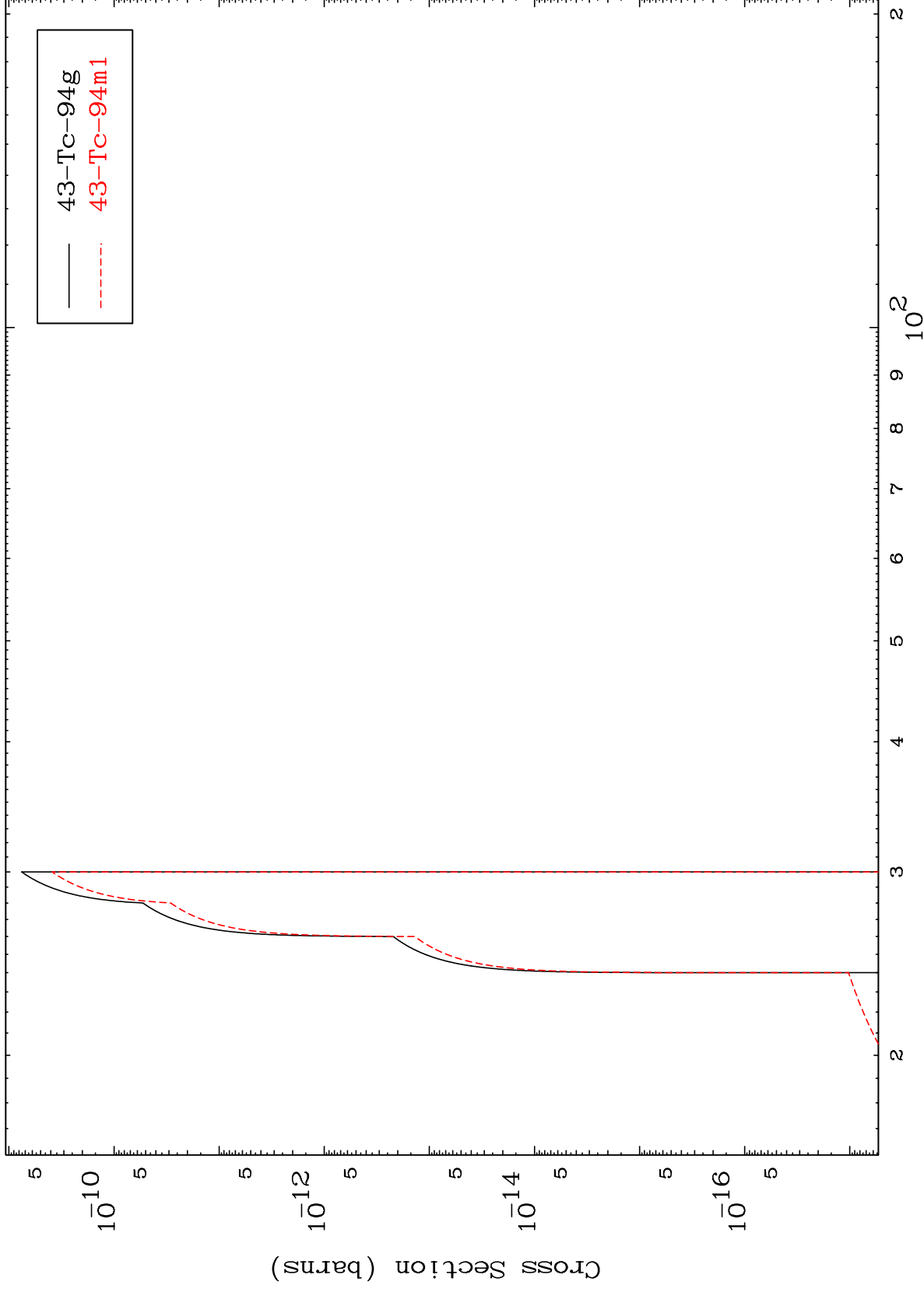
46-Pd-100

MAT 4619

( $\gamma, d$ )  $\alpha$

46-Pd-100

Radionuclide Production Cross Section



19

Incident Energy (MeV)

46-Pd-100