

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

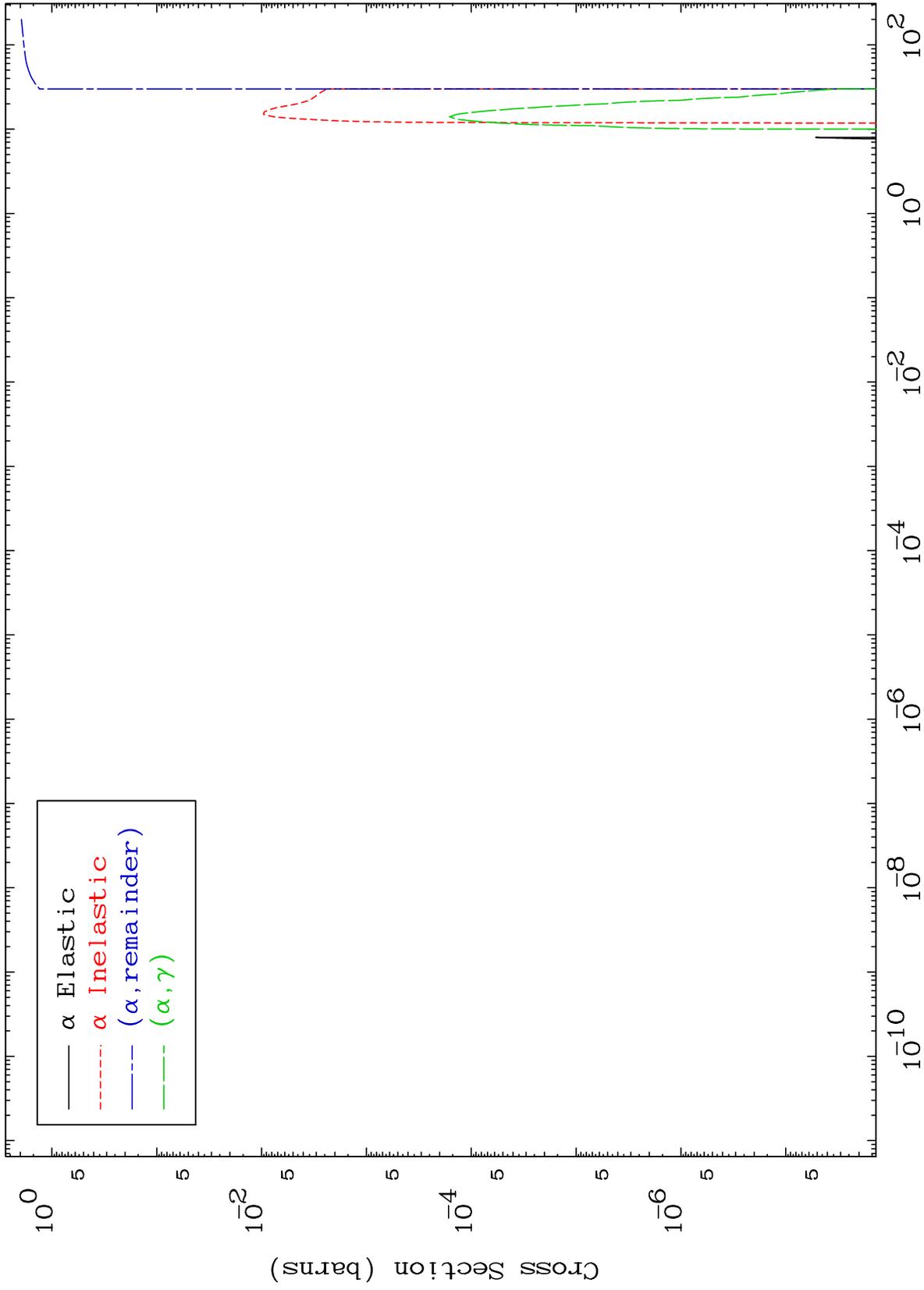
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4601

0 Kelvin  $\alpha$  Major  
Cross Sections

46-Pd-94



1

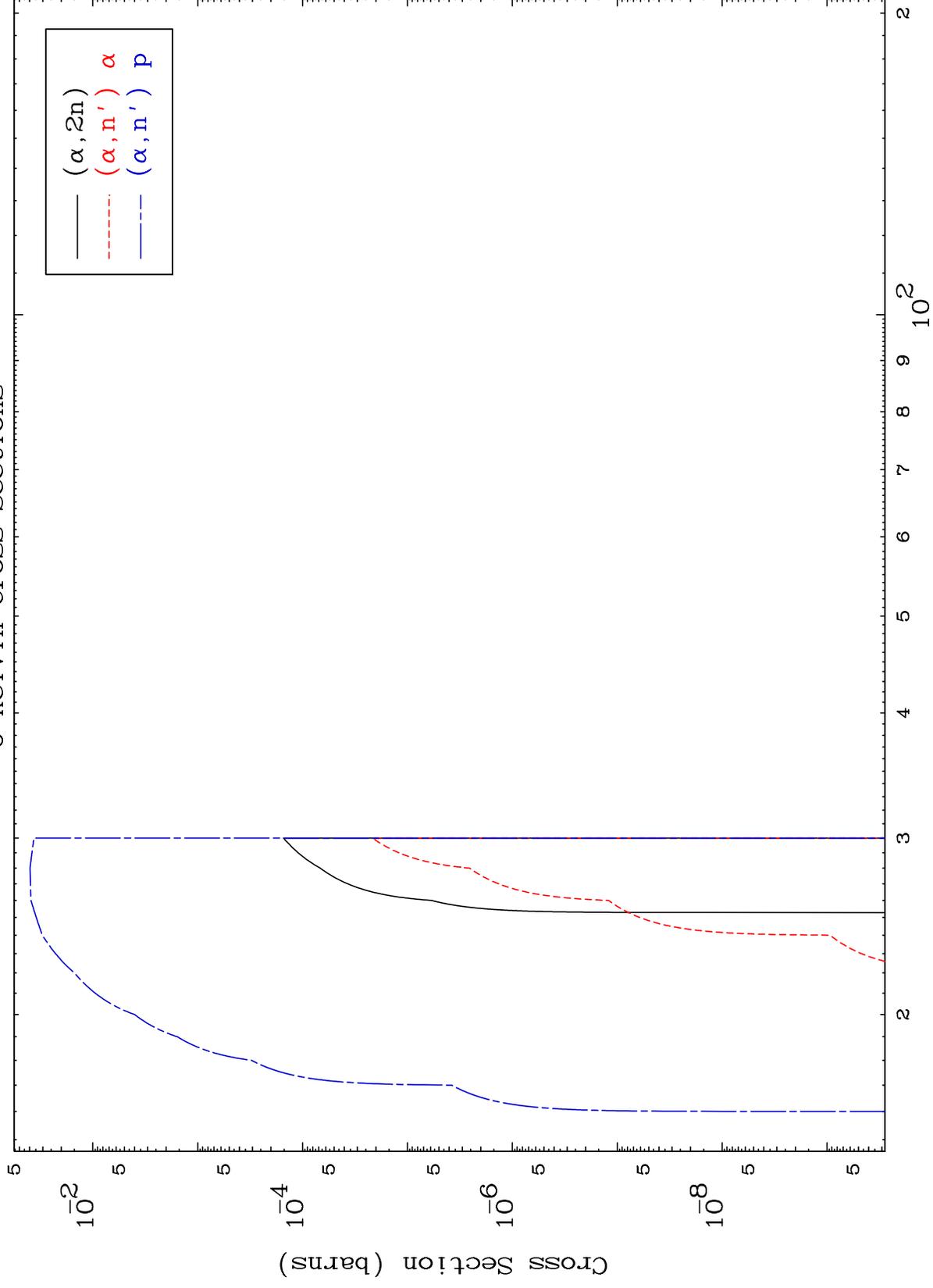
Incident Energy (MeV)

46-Pd-94

MAT 4601

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

46-Pd-94



2

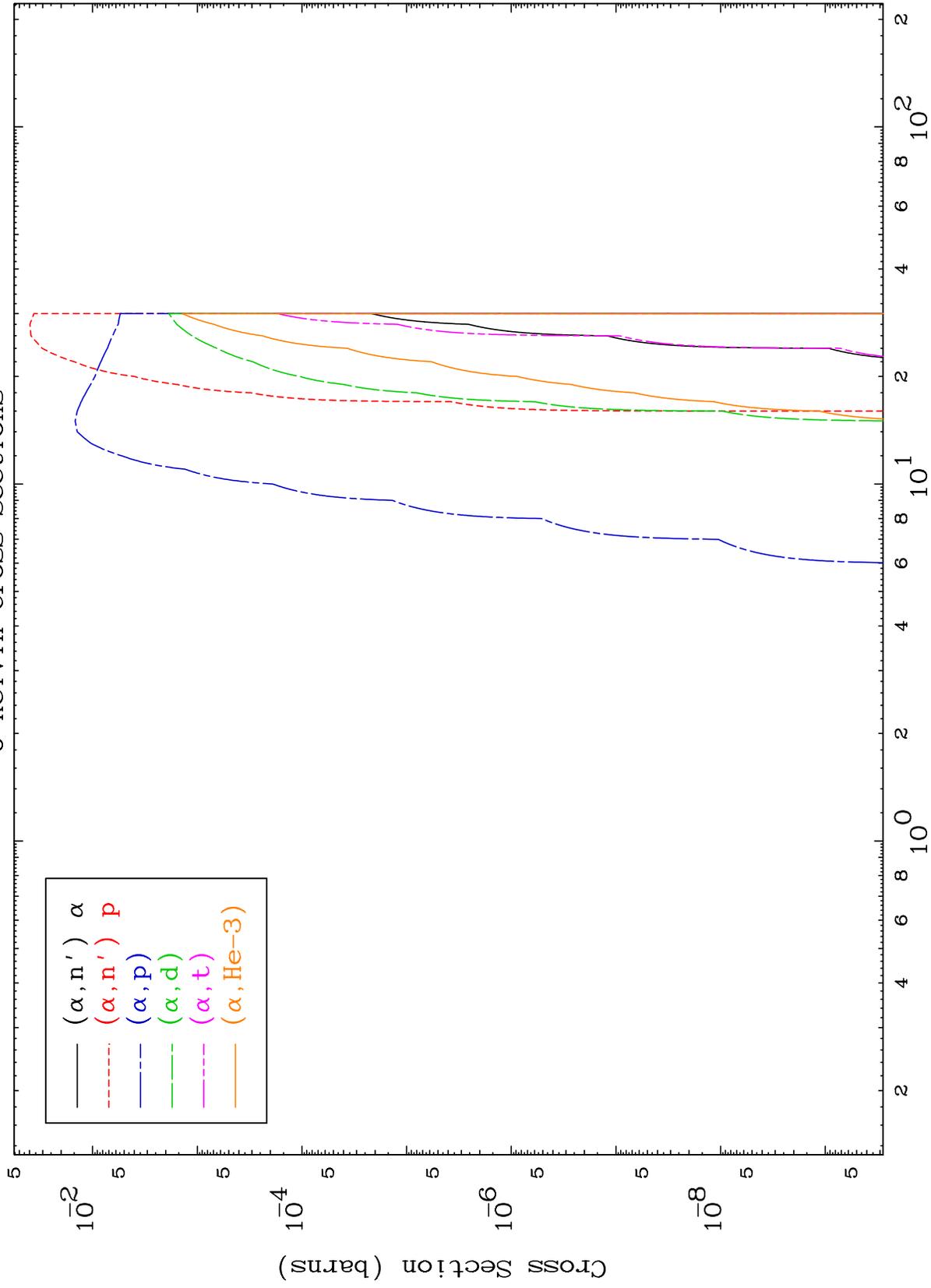
Incident Energy (MeV)

46-Pd-94

MAT 4601

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

46-Pd-94



3

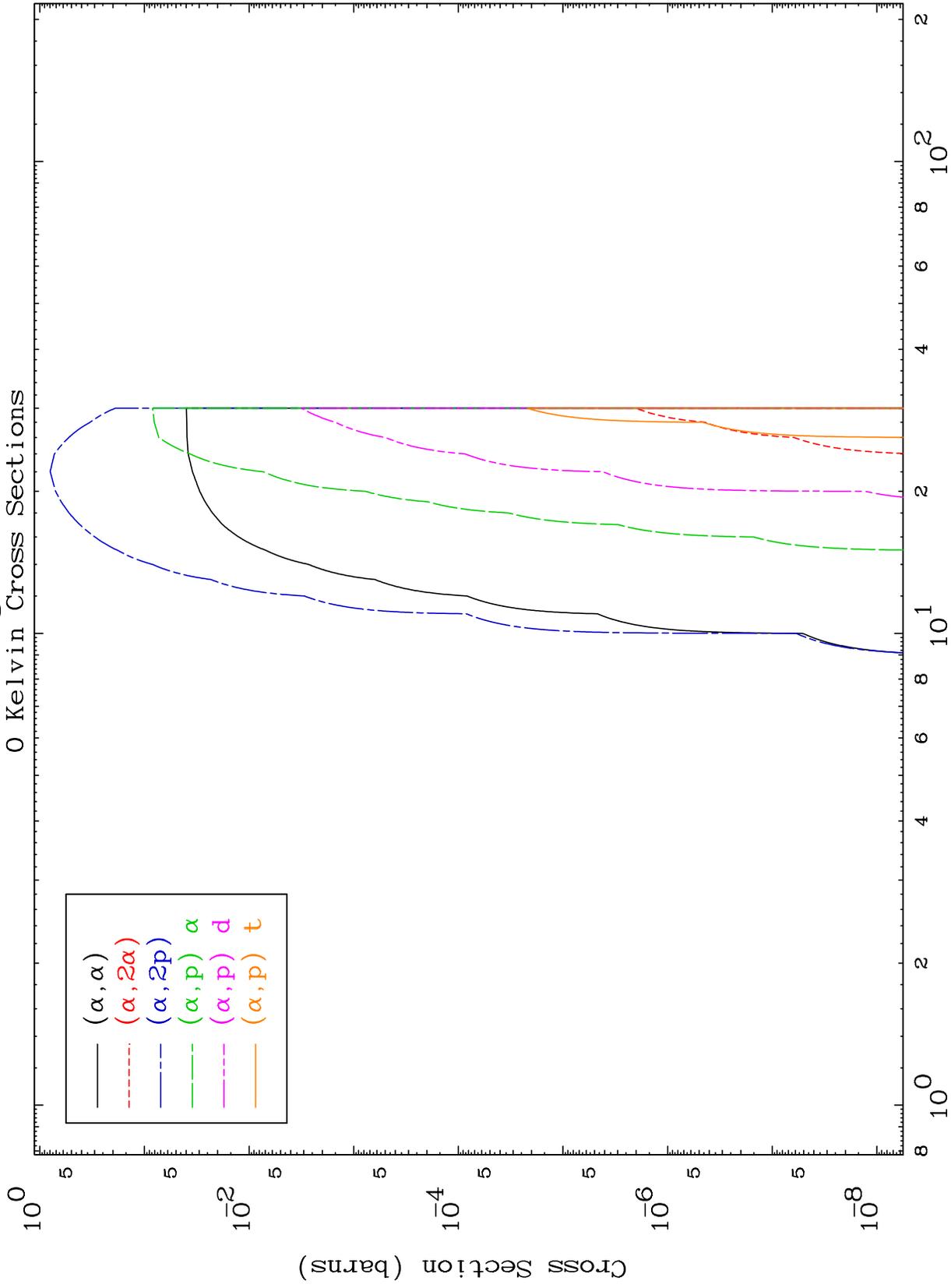
Incident Energy (MeV)

46-Pd-94

MAT 4601

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

46-Pd-94



4

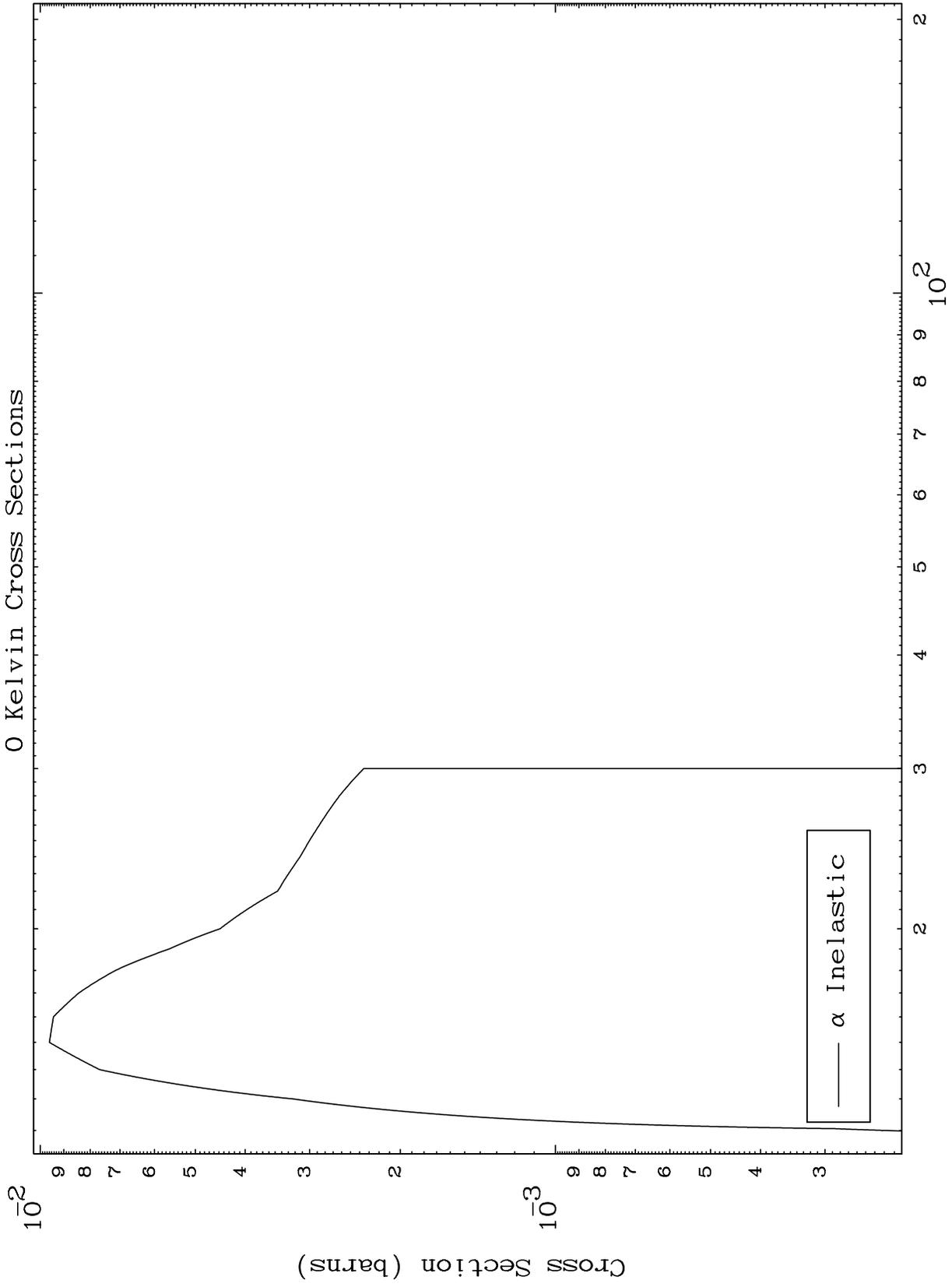
Incident Energy (MeV)

46-Pd-94

MAT 4601

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

46-Pd-94



46-Pd-94

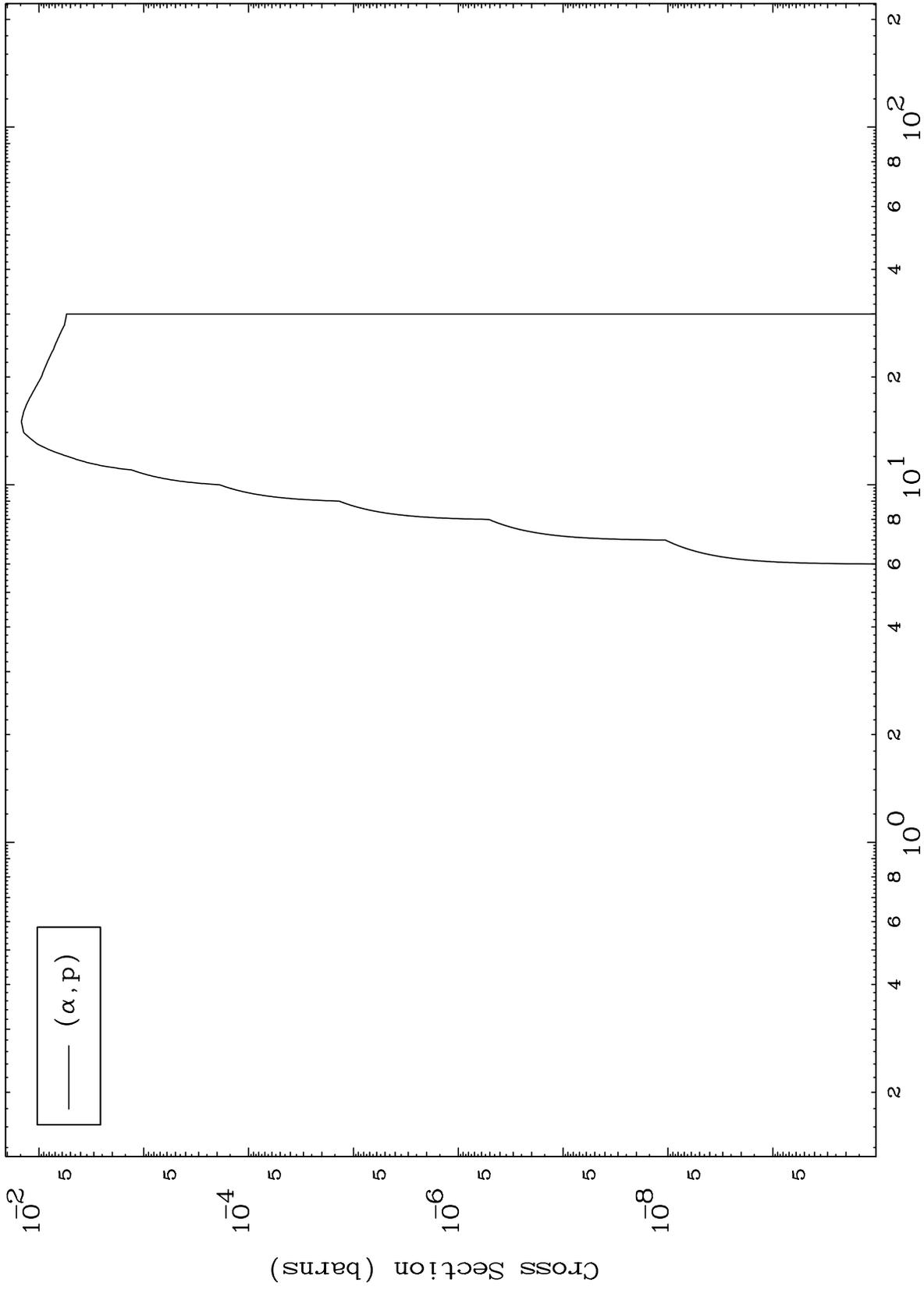
Incident Energy (MeV)

5

MAT 4601

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

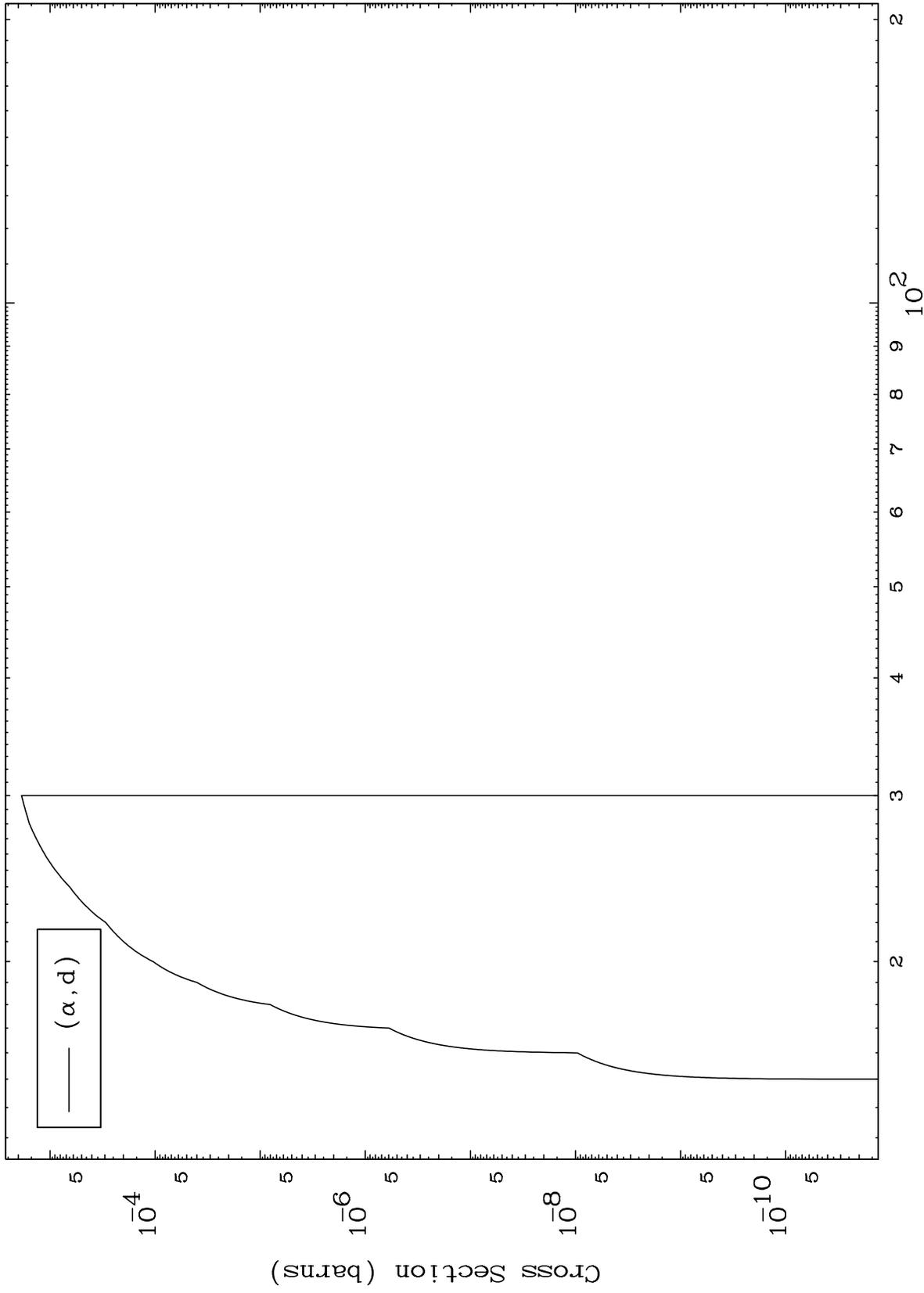
46-Pd-94



MAT 4601

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

46-Pd-94



7

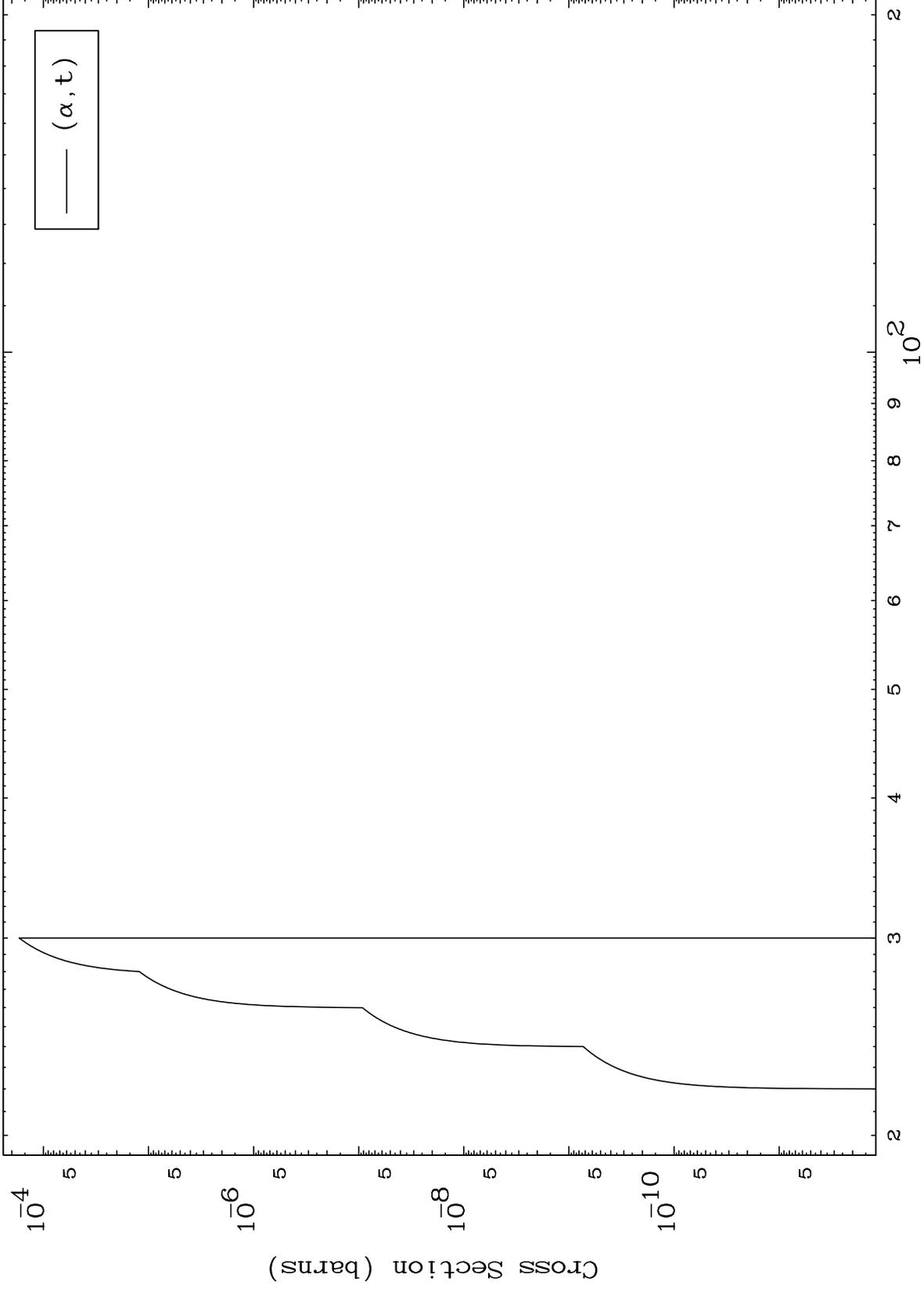
Incident Energy (MeV)

46-Pd-94

MAT 4601

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

46-Pd-94



8

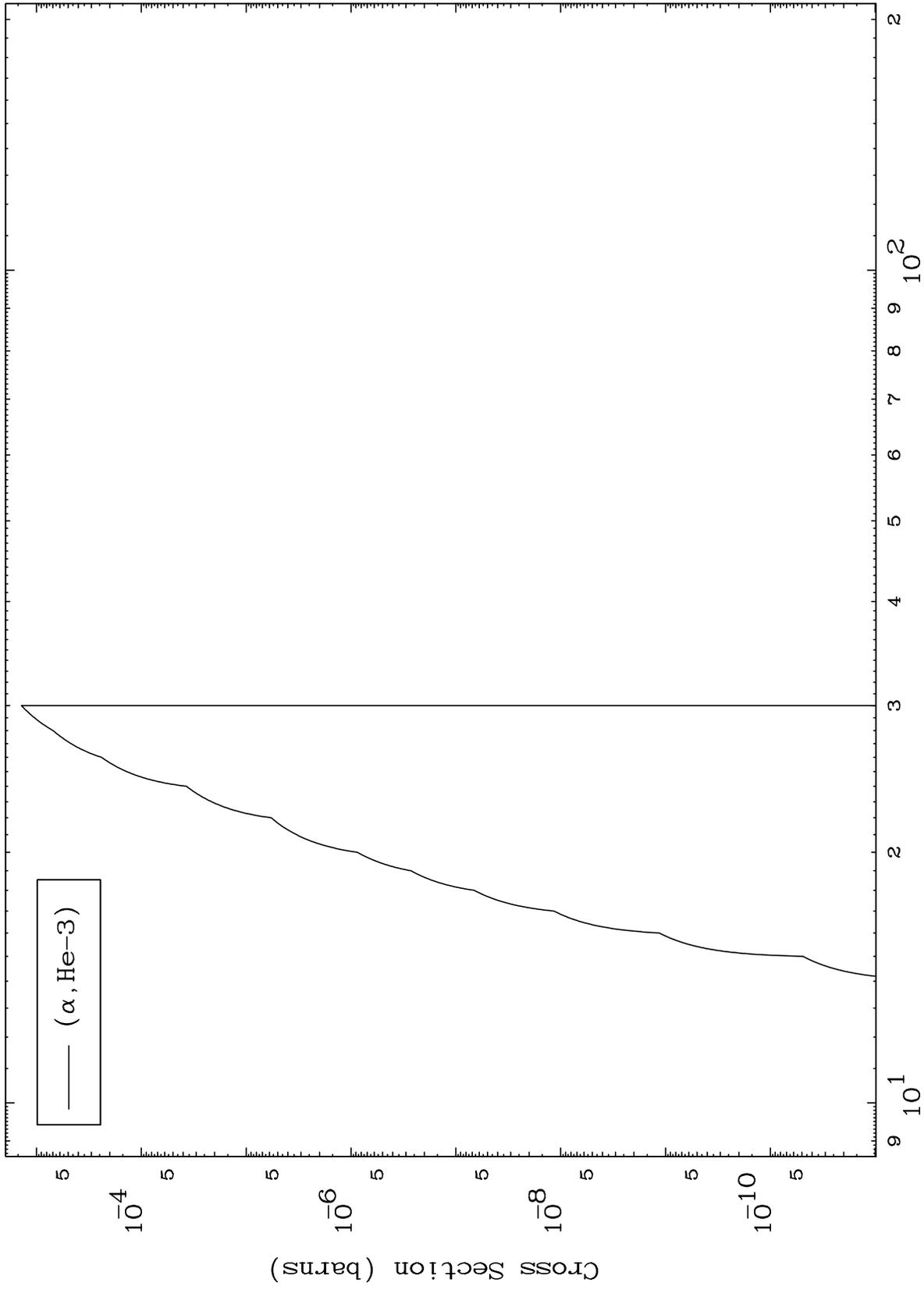
Incident Energy (MeV)

46-Pd-94

MAT 4601

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

46-Pd-94



46-Pd-94

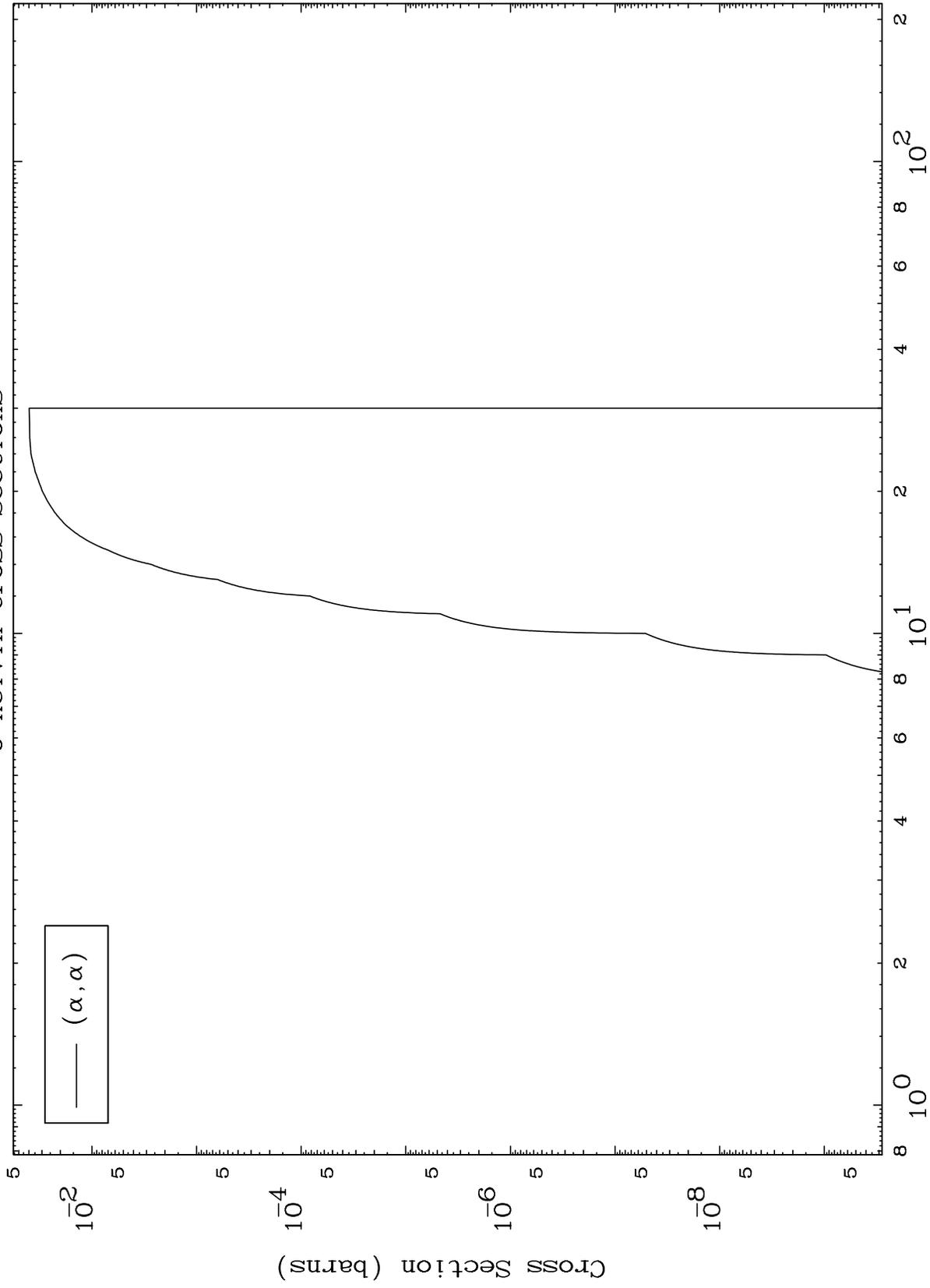
Incident Energy (MeV)

9 10<sup>1</sup>

MAT 4601

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

46-Pd-94



10

Incident Energy (MeV)

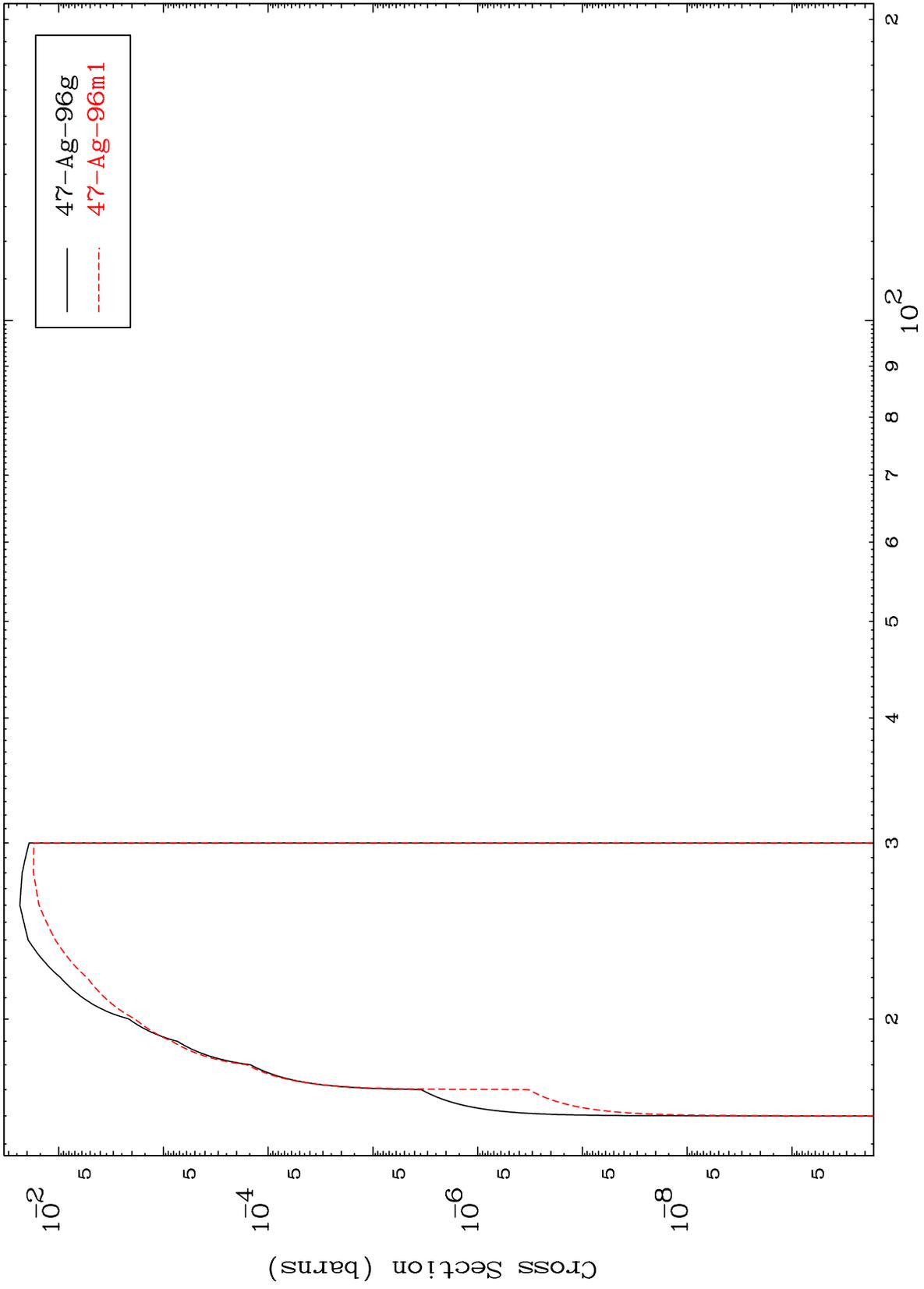
46-Pd-94

MAT 4601

( $\alpha, n'$ ) p

46-Pd-94

Radionuclide Production Cross Section



11

Incident Energy (MeV)

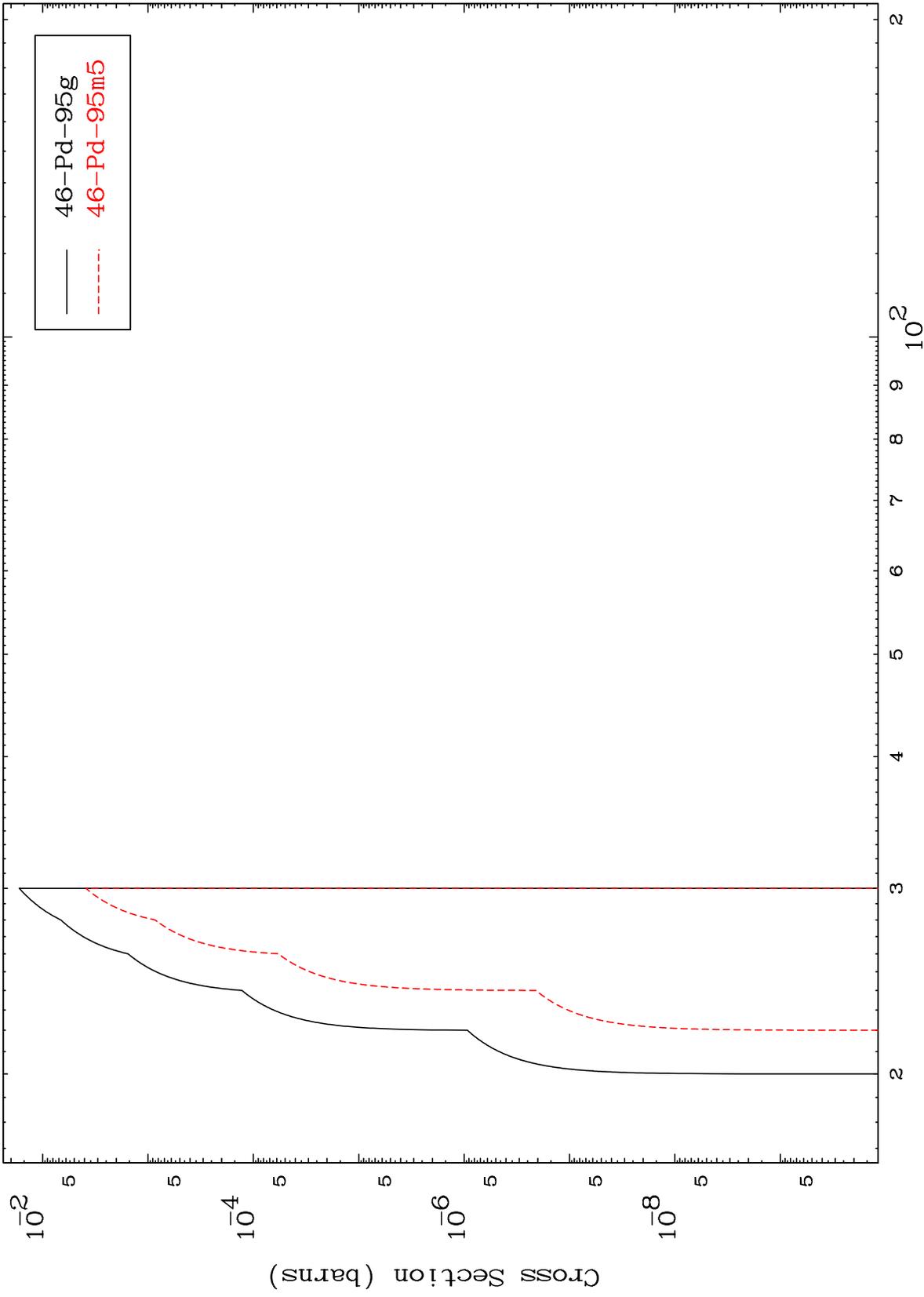
46-Pd-94

MAT 4601

( $\alpha, 2n$ ) p

46-Pd-94

Radionuclide Production Cross Section



12

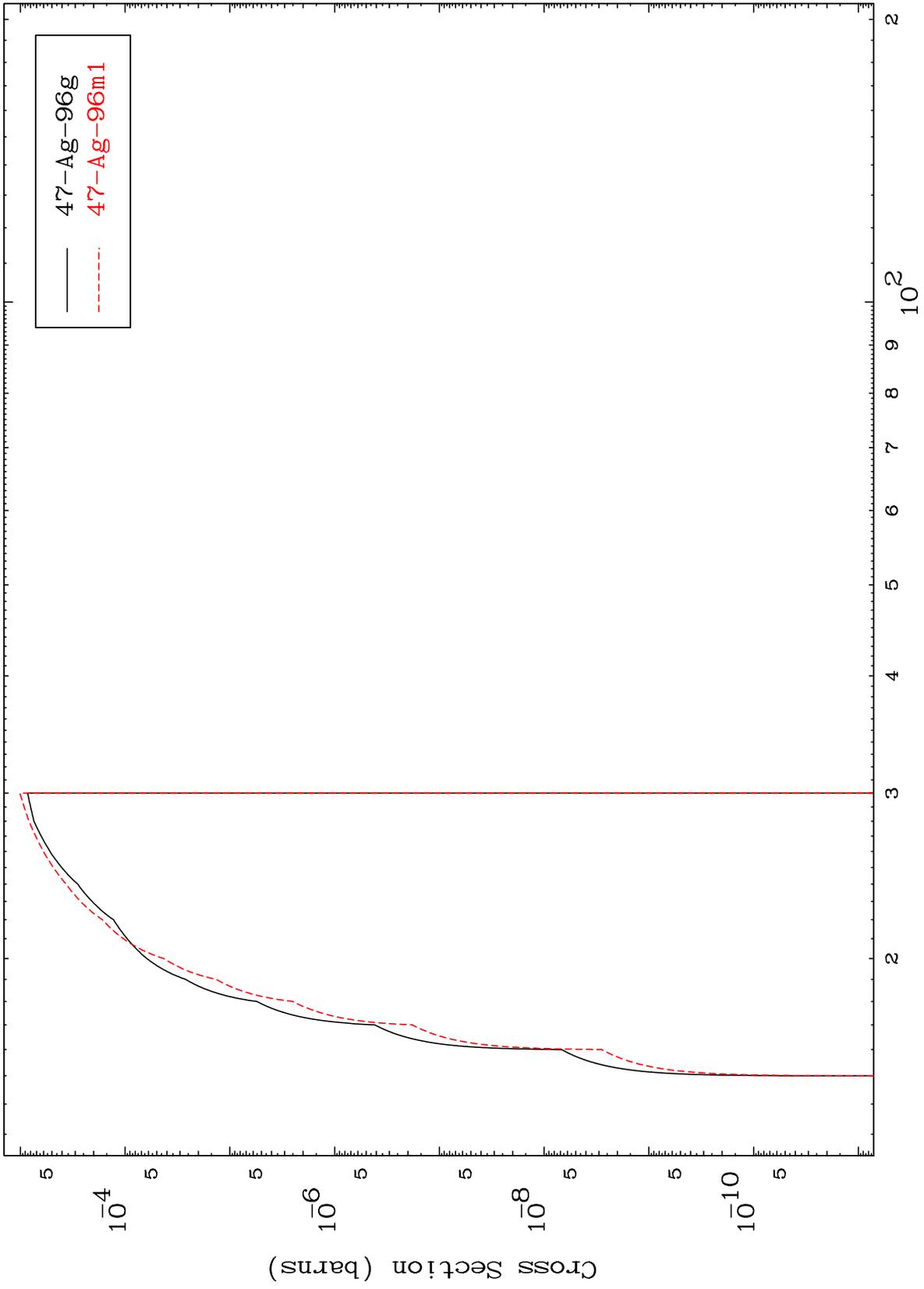
Incident Energy (MeV)

46-Pd-94

MAT 4601

46-Pd-94

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



13

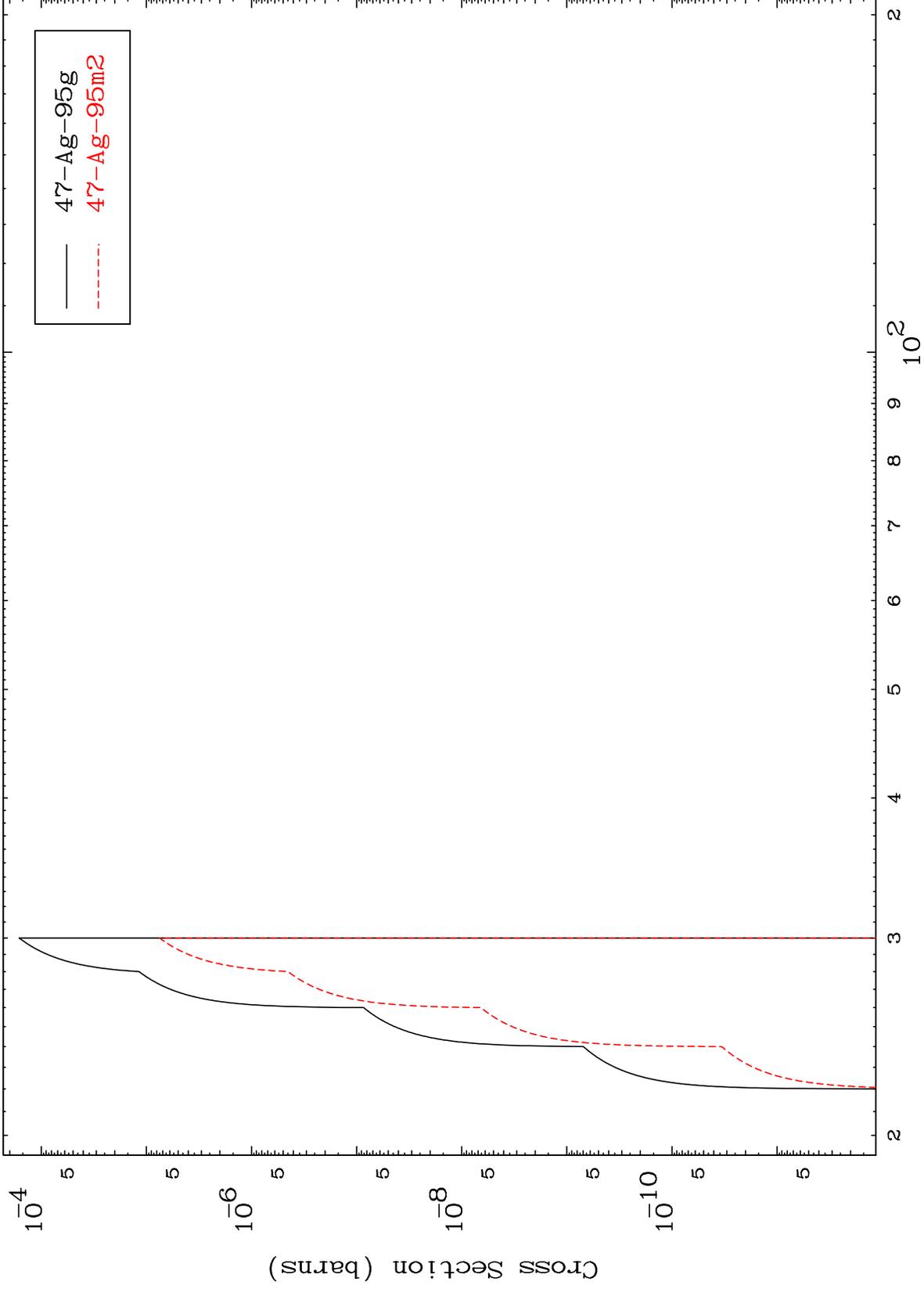
46-Pd-94

MAT 4601

( $\alpha, t$ )

46-Pd-94

Radionuclide Production Cross Section



14

Incident Energy (MeV)

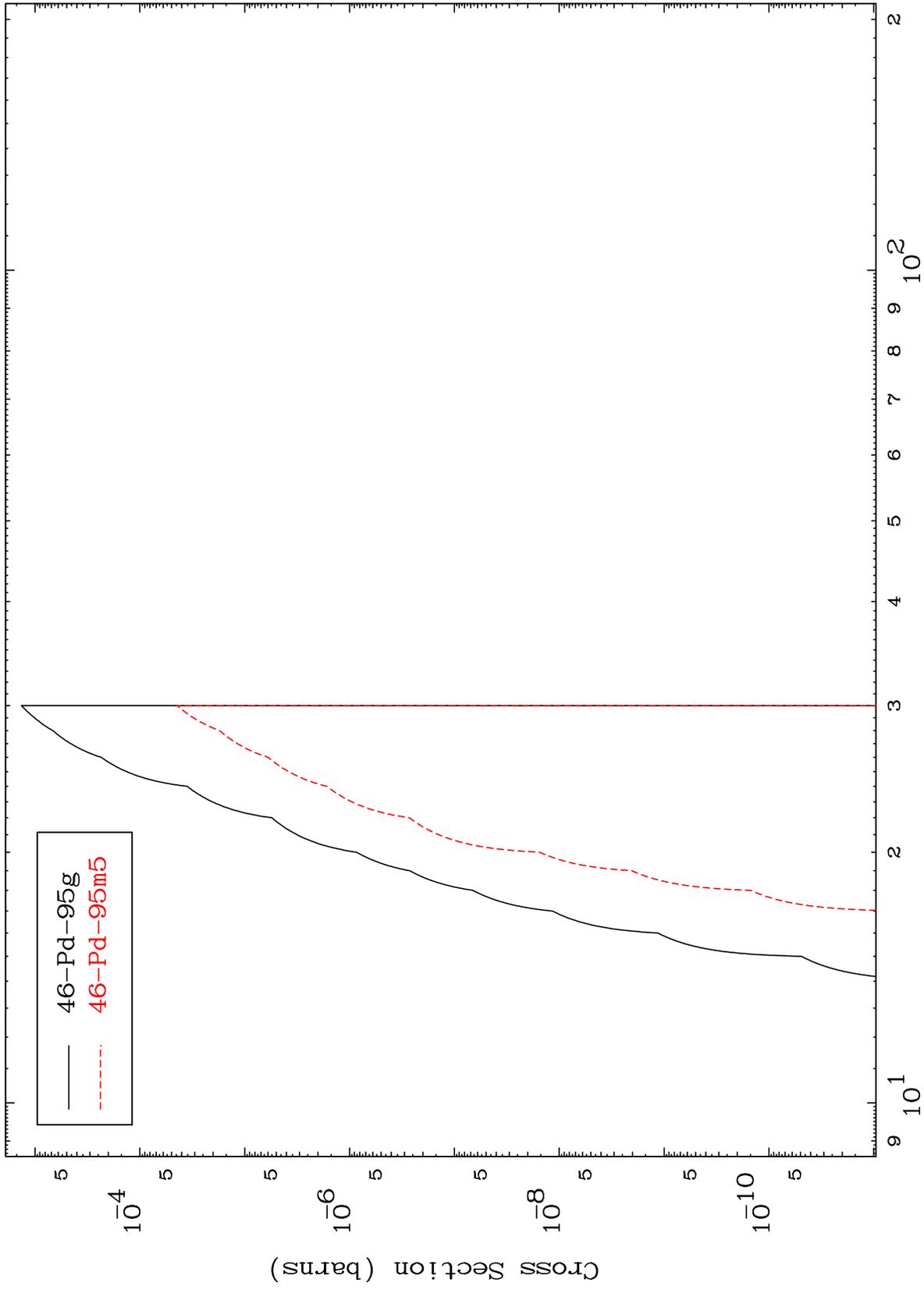
46-Pd-94

MAT 4601

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

46-Pd-94

Radionuclide Production Cross Section



15

Incident Energy (MeV)

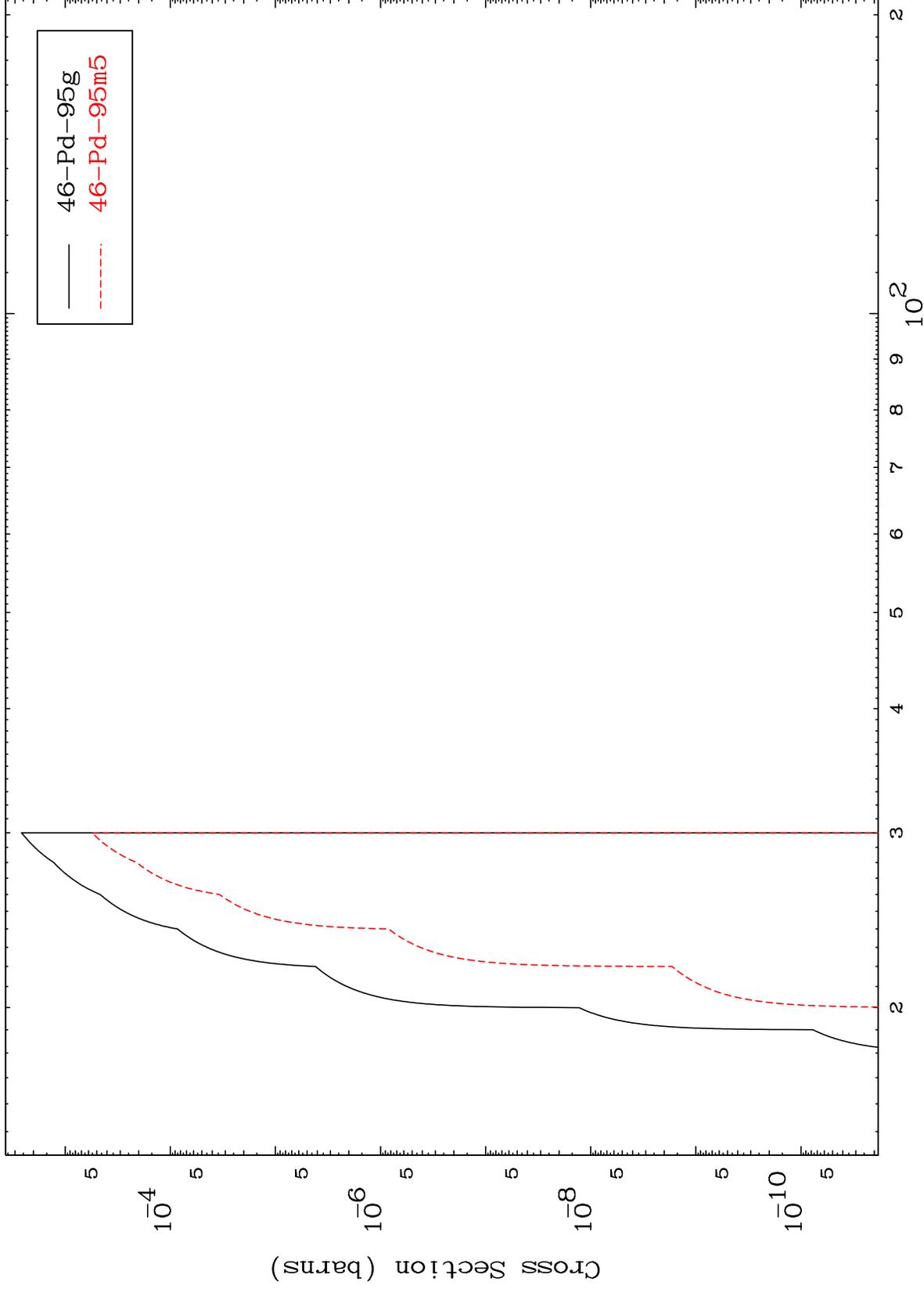
46-Pd-94

MAT 4601

( $\alpha, p$ ) d

46-Pd-94

Radionuclide Production Cross Section



16

Incident Energy (MeV)

46-Pd-94