

Program EVALPLOT  
(Version 2018-1)

by

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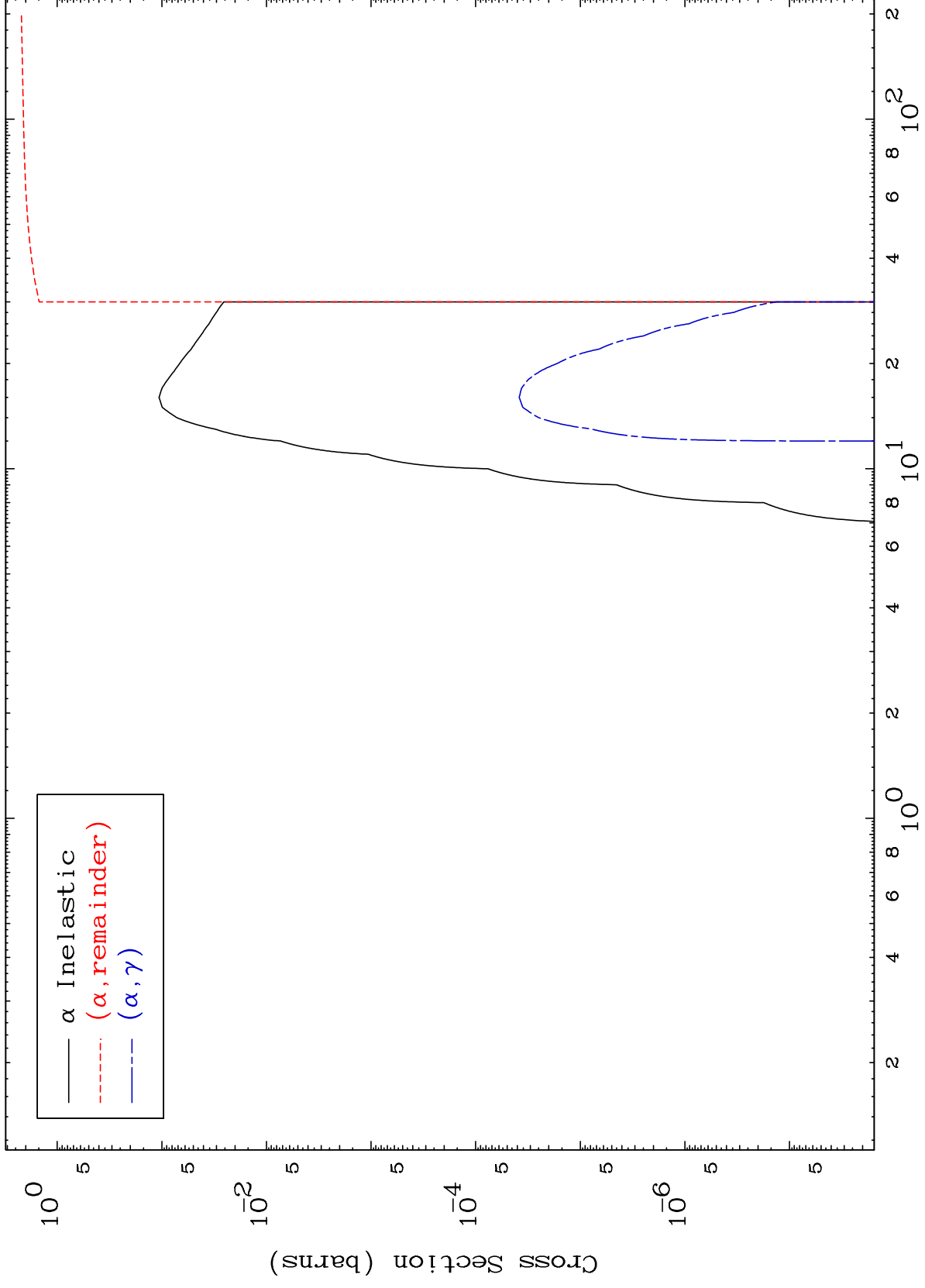
Press Mouse Button to Start

MAT 4943

$\alpha$  Major

49-In-119

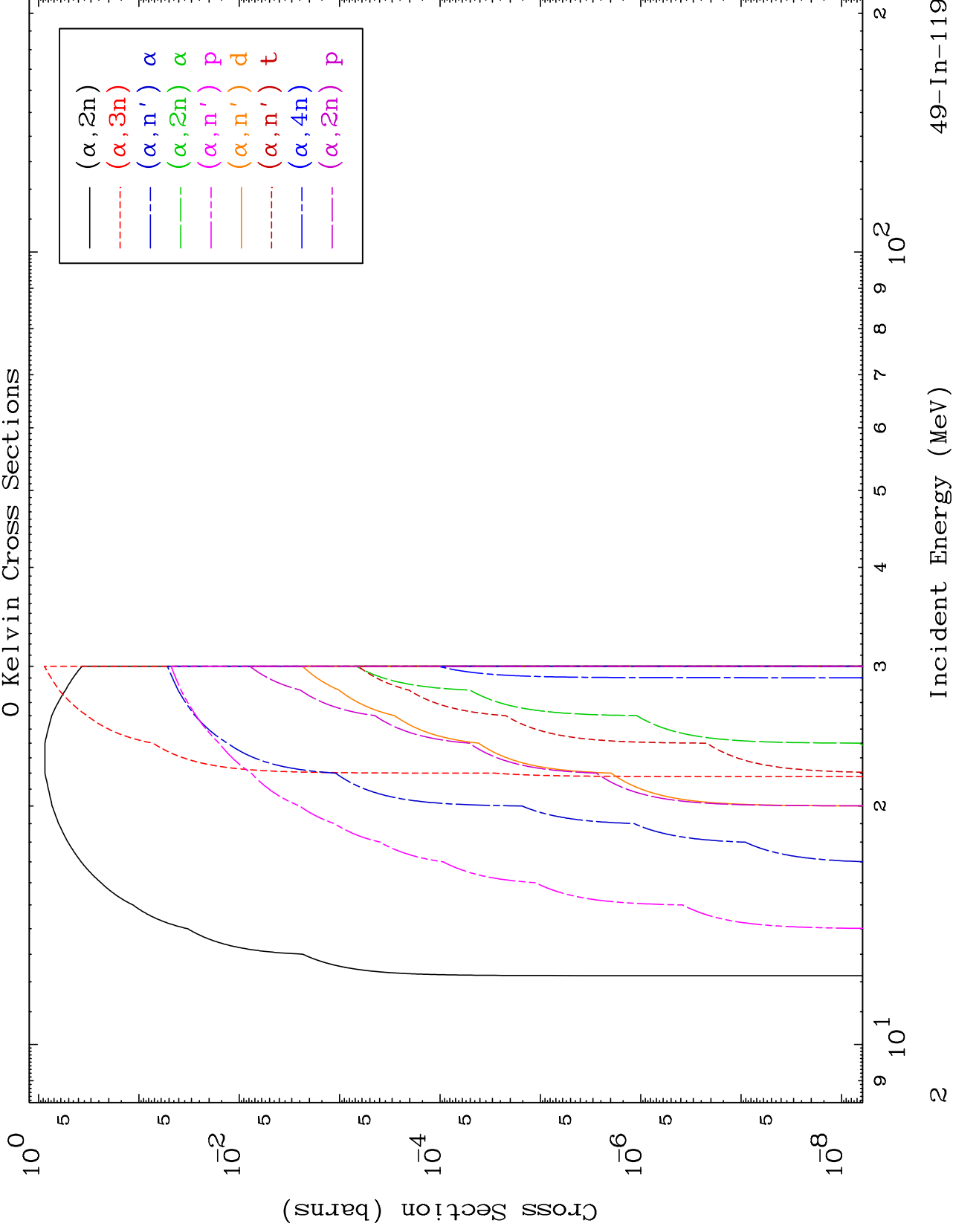
0 Kelvin Cross Sections



MAT 4943

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

49-In-119



49-In-119

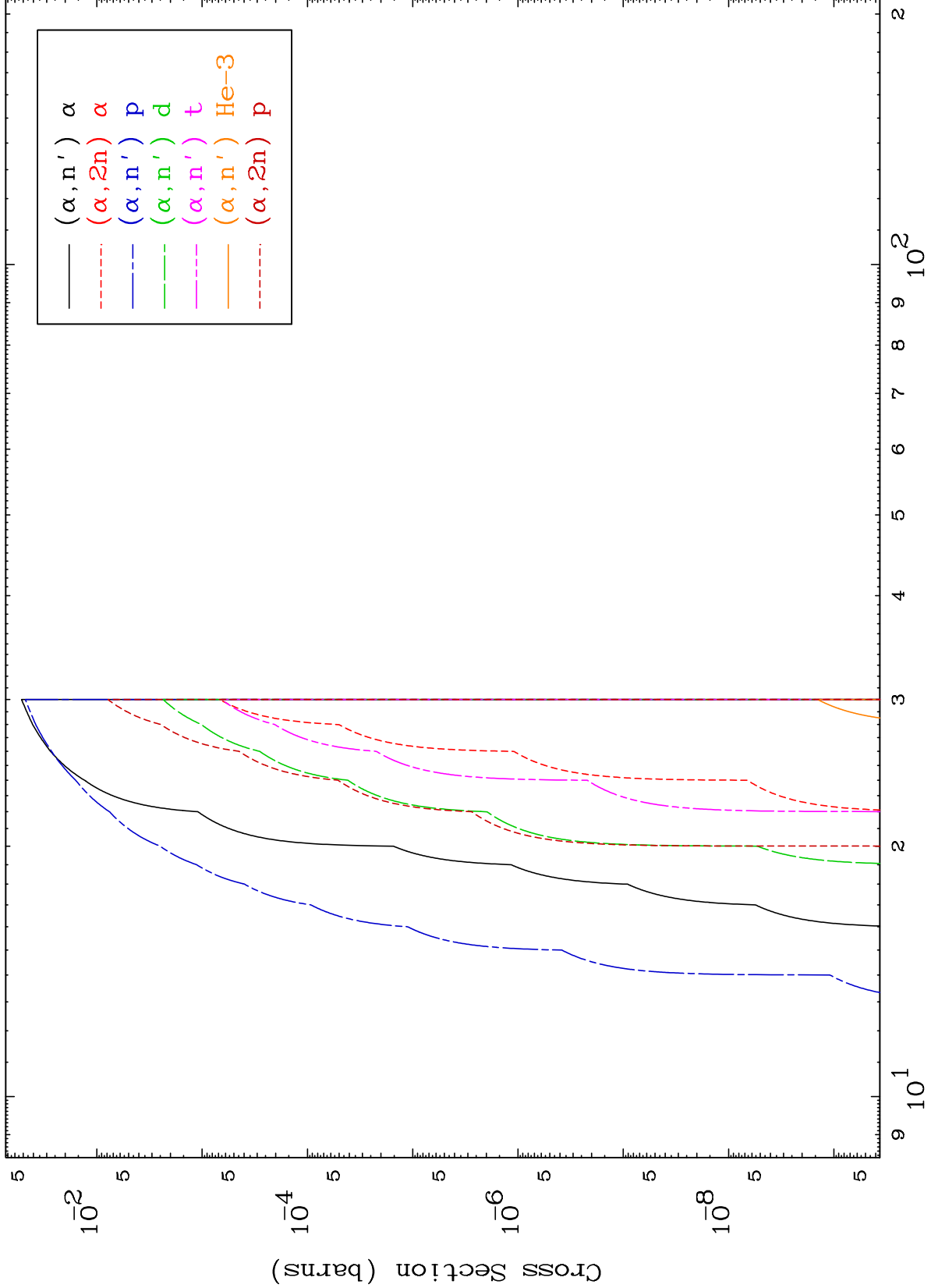
Incident Energy (MeV)

2

MAT 4943

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

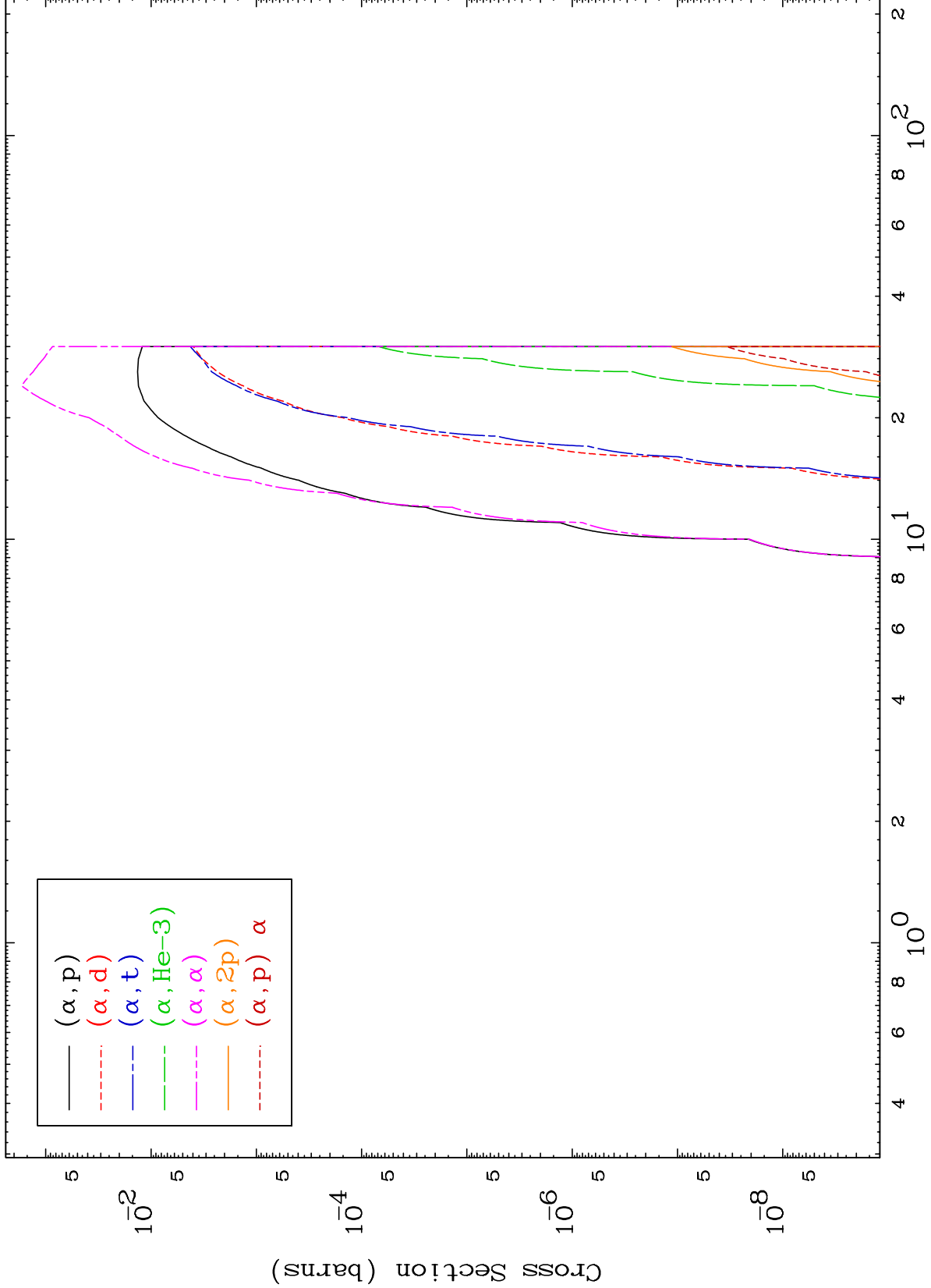
49-In-119



Incident Energy (MeV)

49-In-119

3

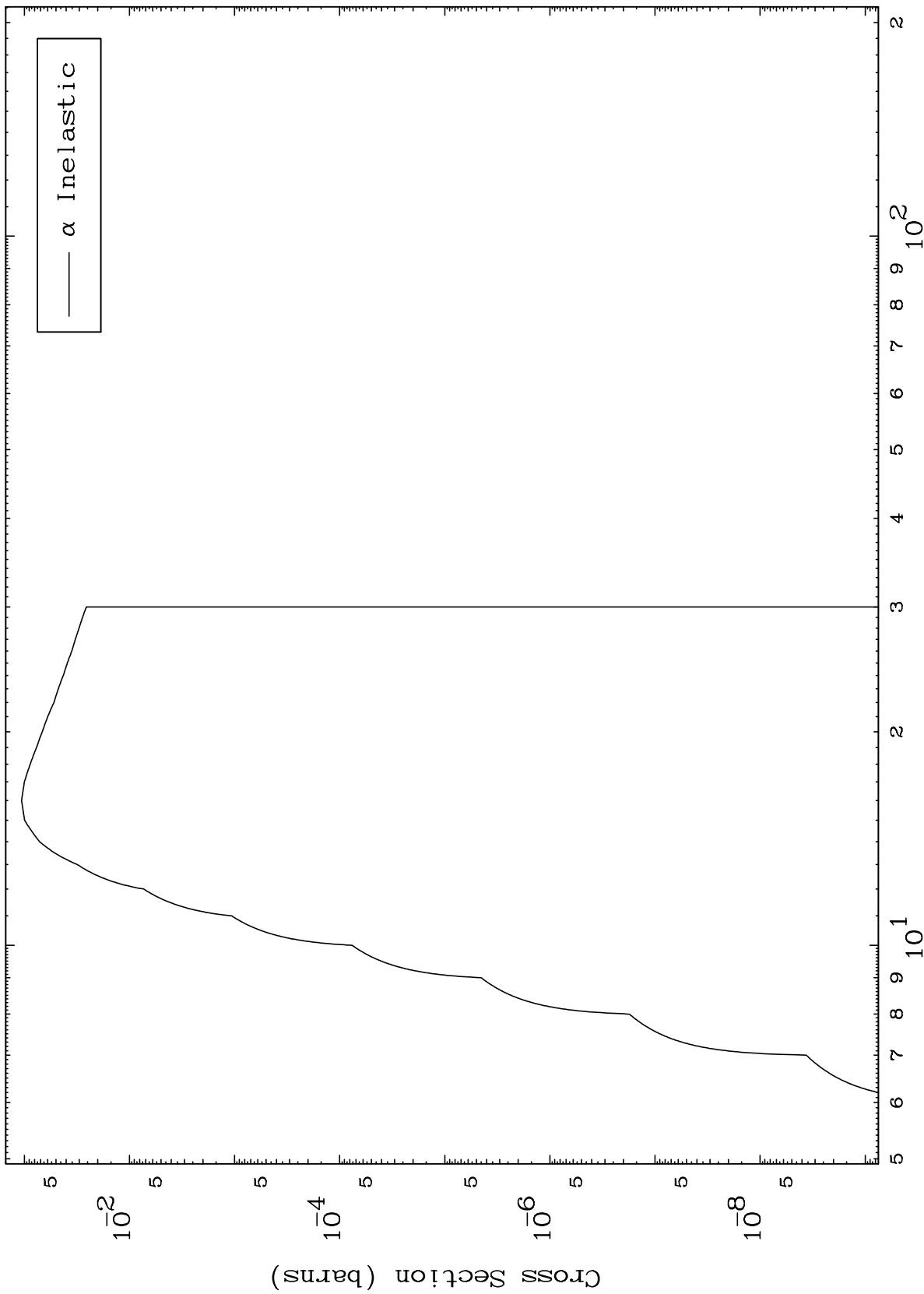


MAT 4943

( $\alpha, n'$ ) Level

49-In-119

0 Kelvin Cross Sections



$\alpha$  Inelastic

Incident Energy (MeV)

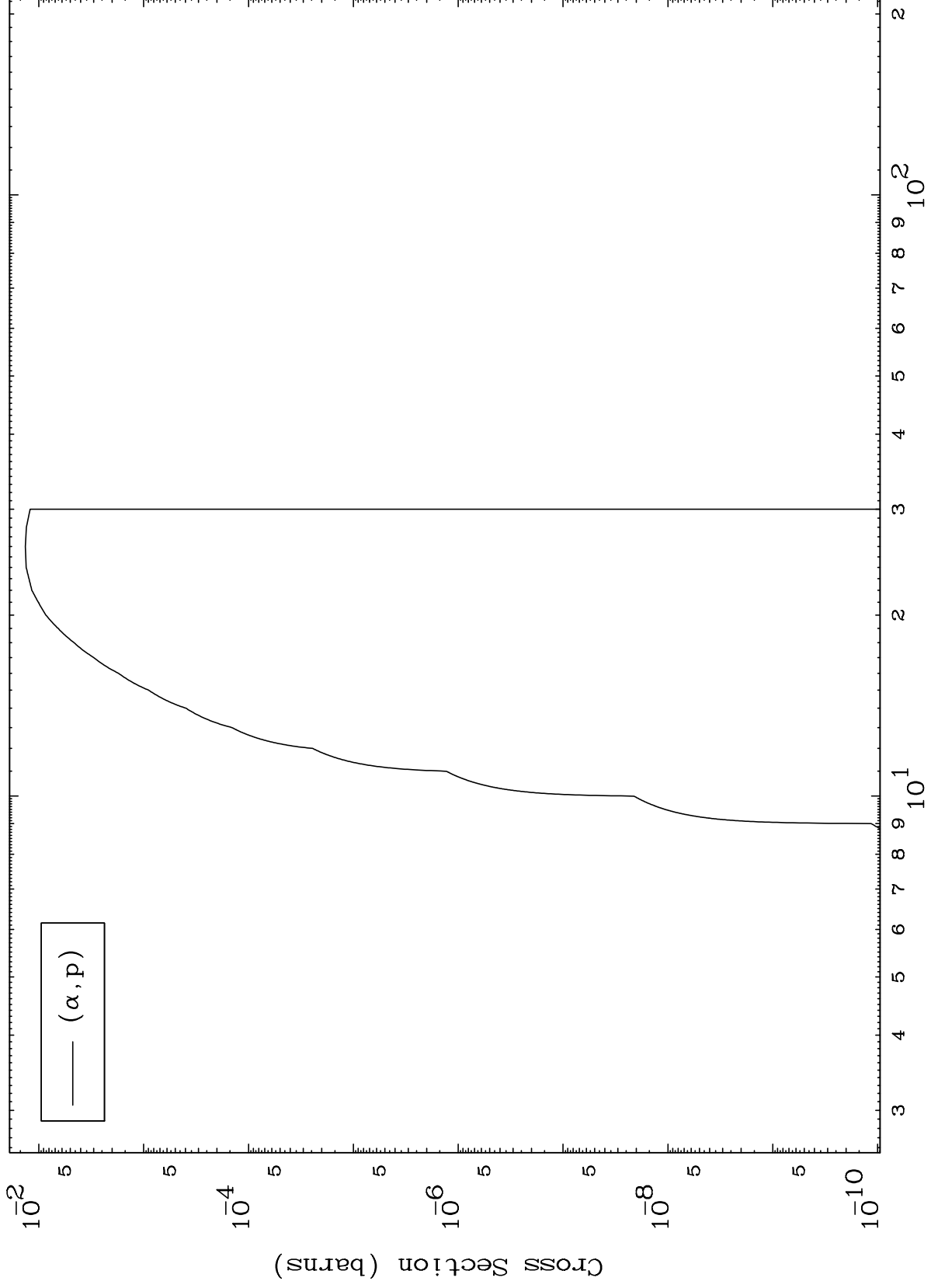
49-In-119

5

MAT 4943

49-In-119

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



49-In-119

Incident Energy (MeV)

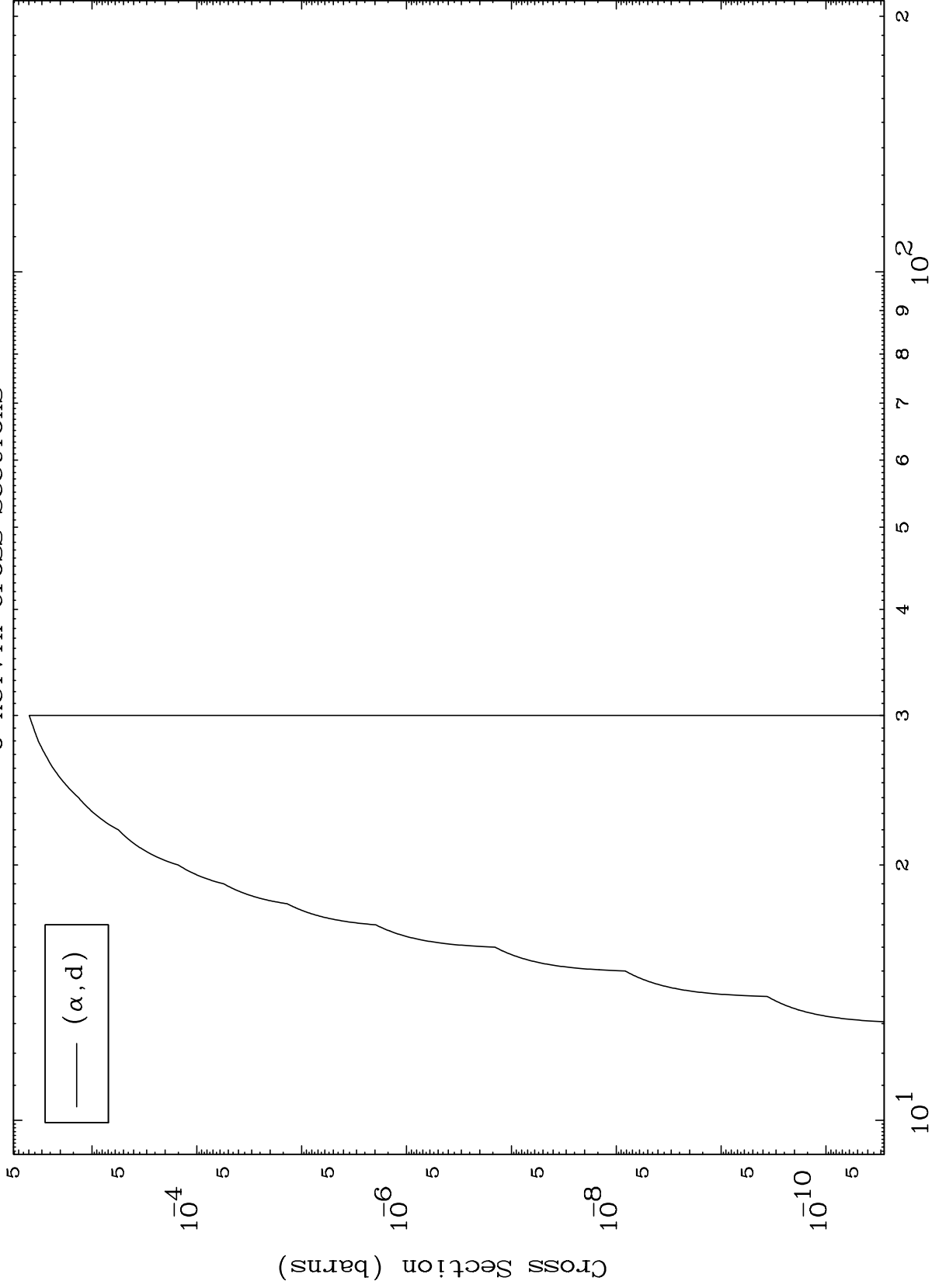
6

MAT 4943

( $\alpha, d$ ) Levels

49-In-119

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-119

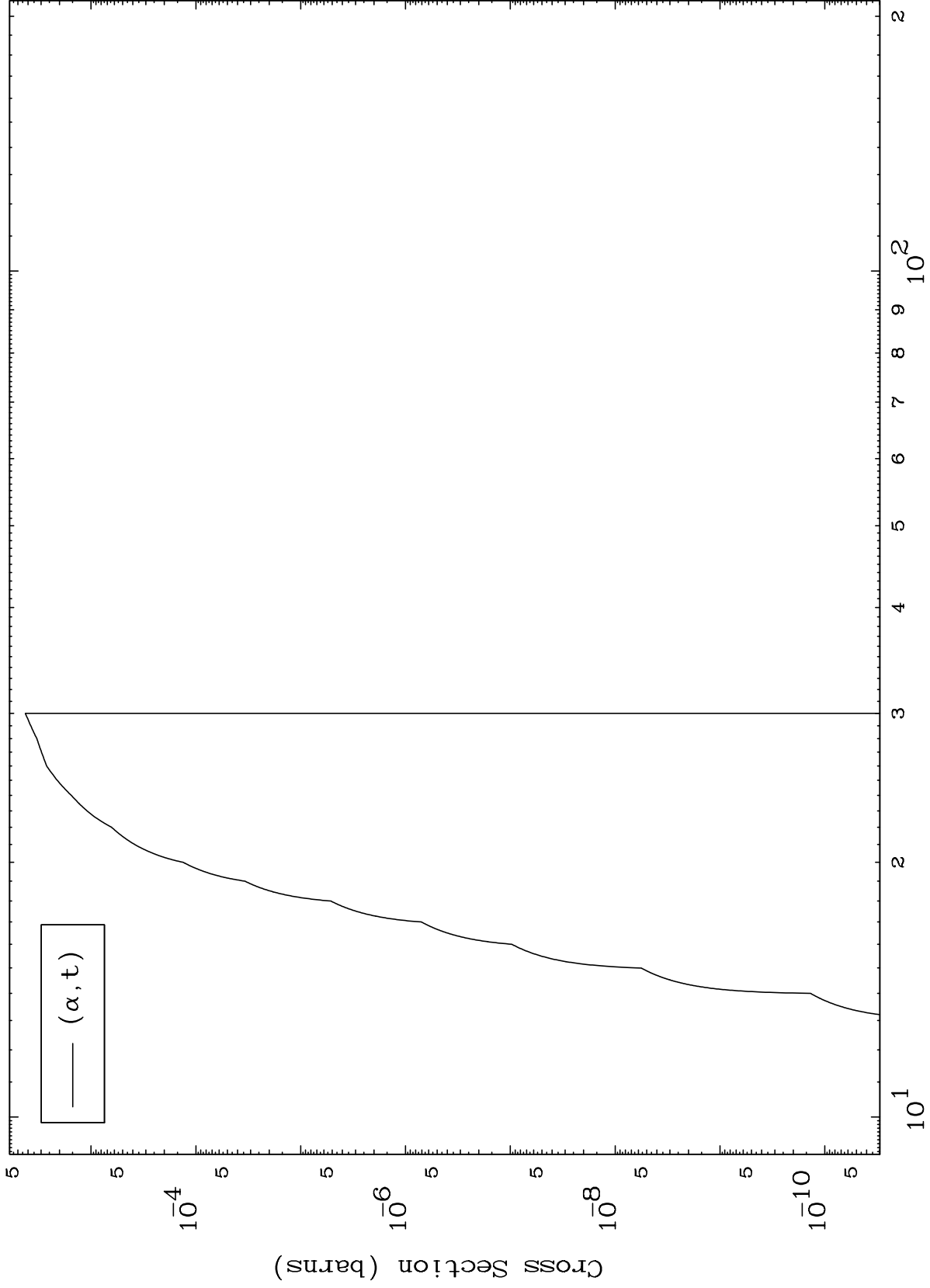


MAT 4943

( $\alpha, t$ ) Levels

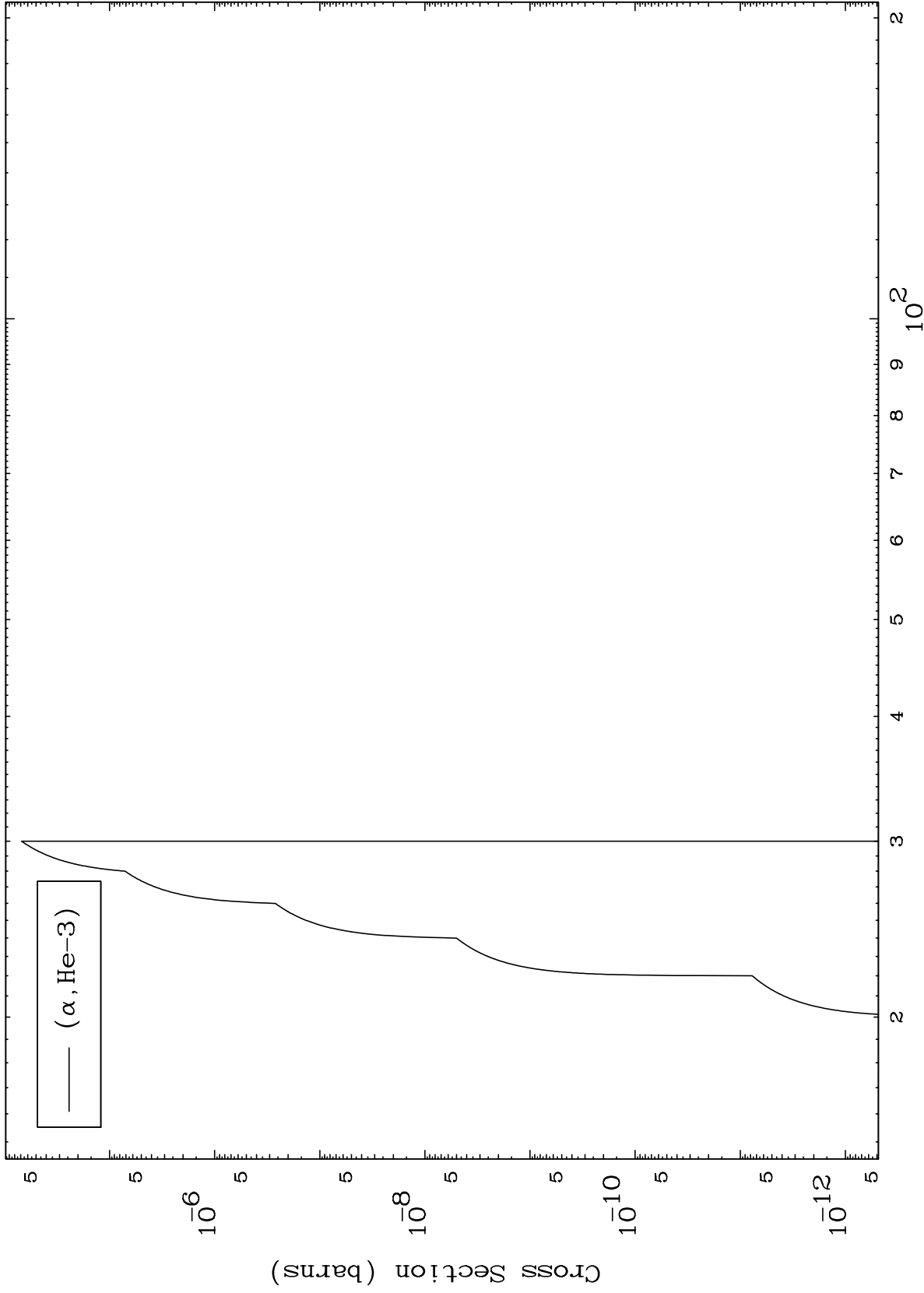
49-In-119

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-119

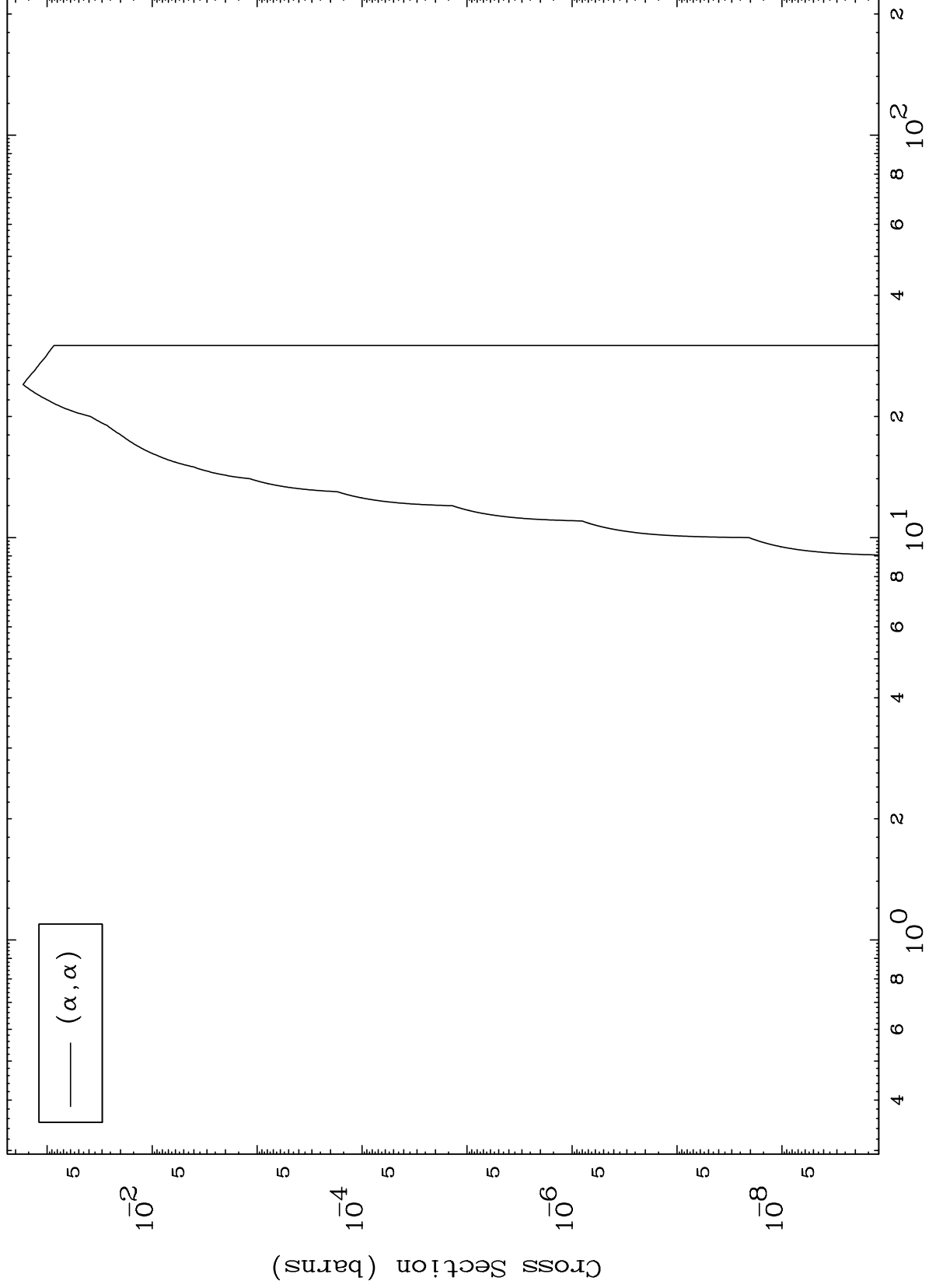


MAT 4943

( $\alpha, \alpha$ ) Levels

49-In-119

0 Kelvin Cross Sections



10

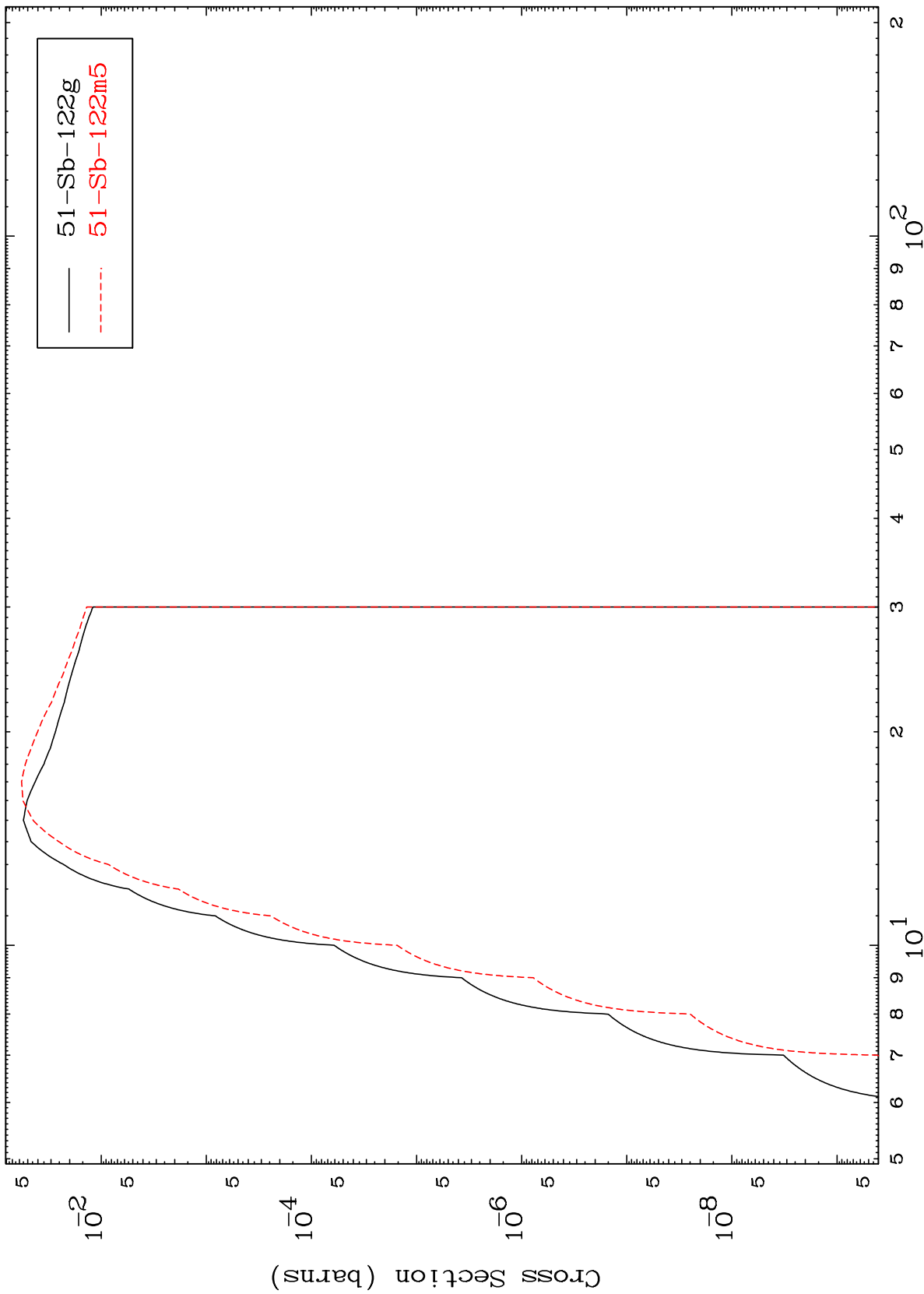
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

$\alpha$  Inelastic  
Radionuclide Production Cross Section



49-In-119

Incident Energy (MeV)

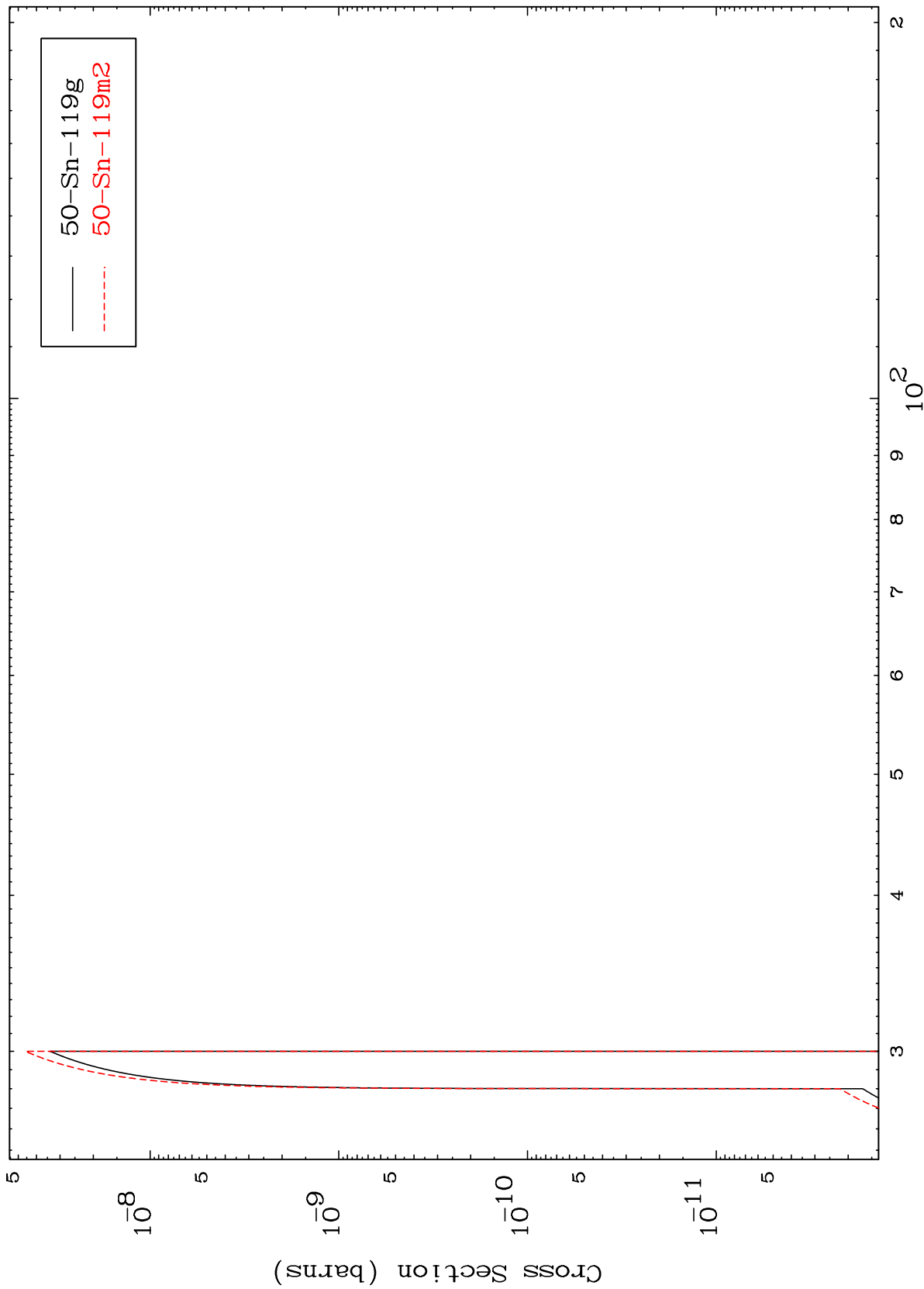
11

MAT 4943

( $\alpha, 2n$ ) d

49-In-119

Radionuclide Production Cross Section



50-Sn-119g  
50-Sn-119m2

12

Incident Energy (MeV)

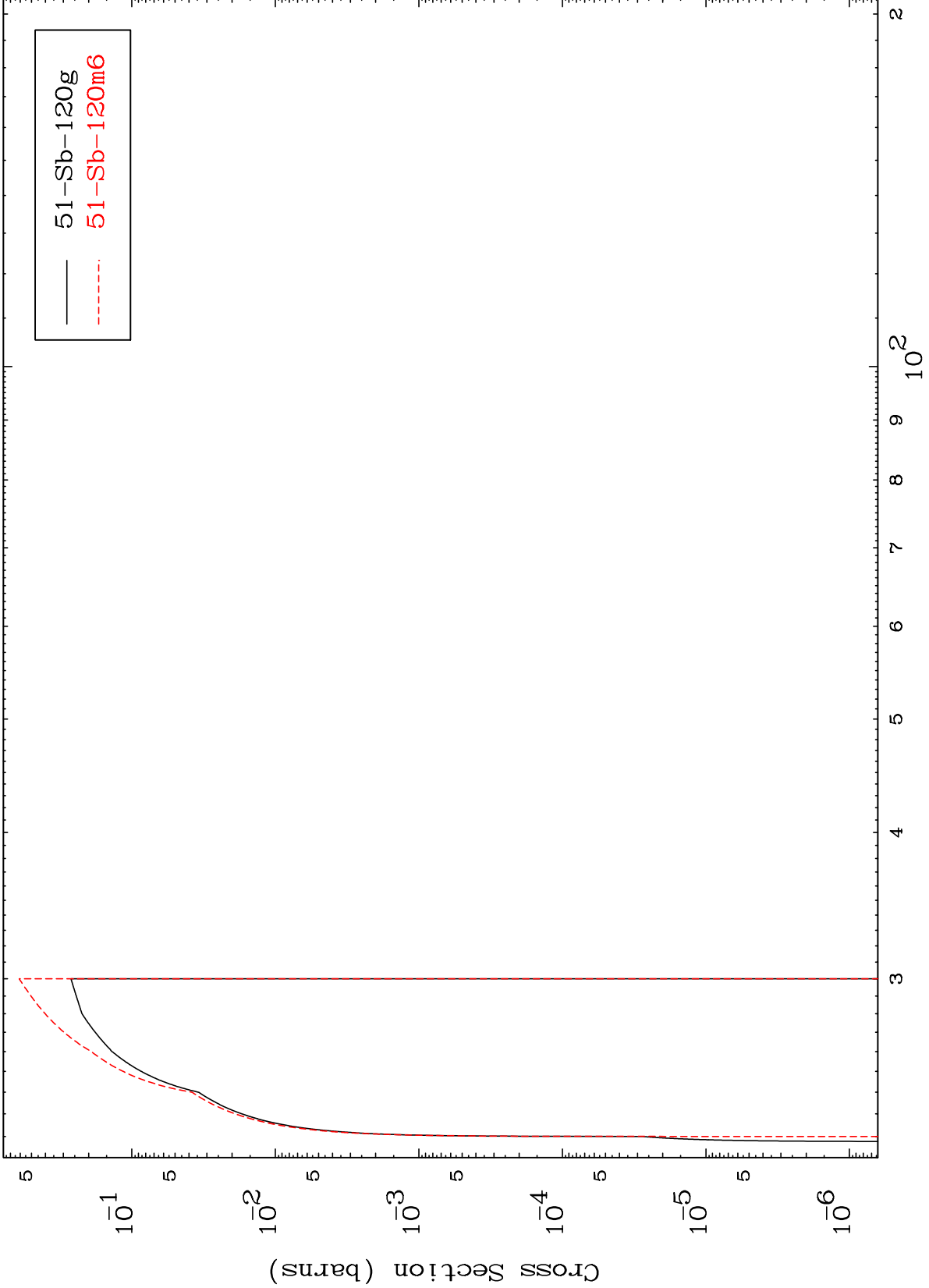
49-In-119

MAT 4943

( $\alpha, 3n$ )

49-In-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

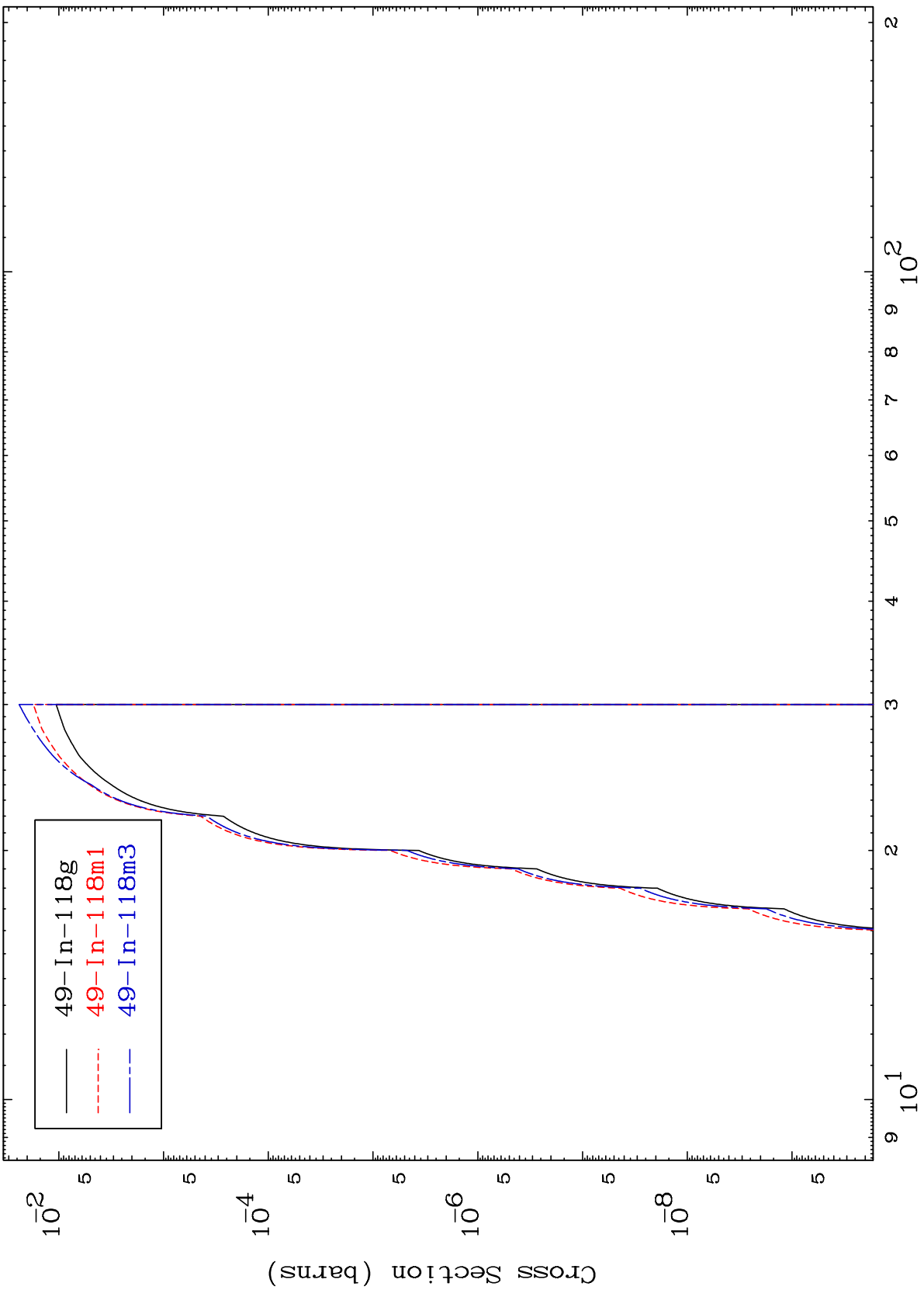
49-In-119

MAT 4943

( $\alpha, n'$ )  $\alpha$

49-In-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

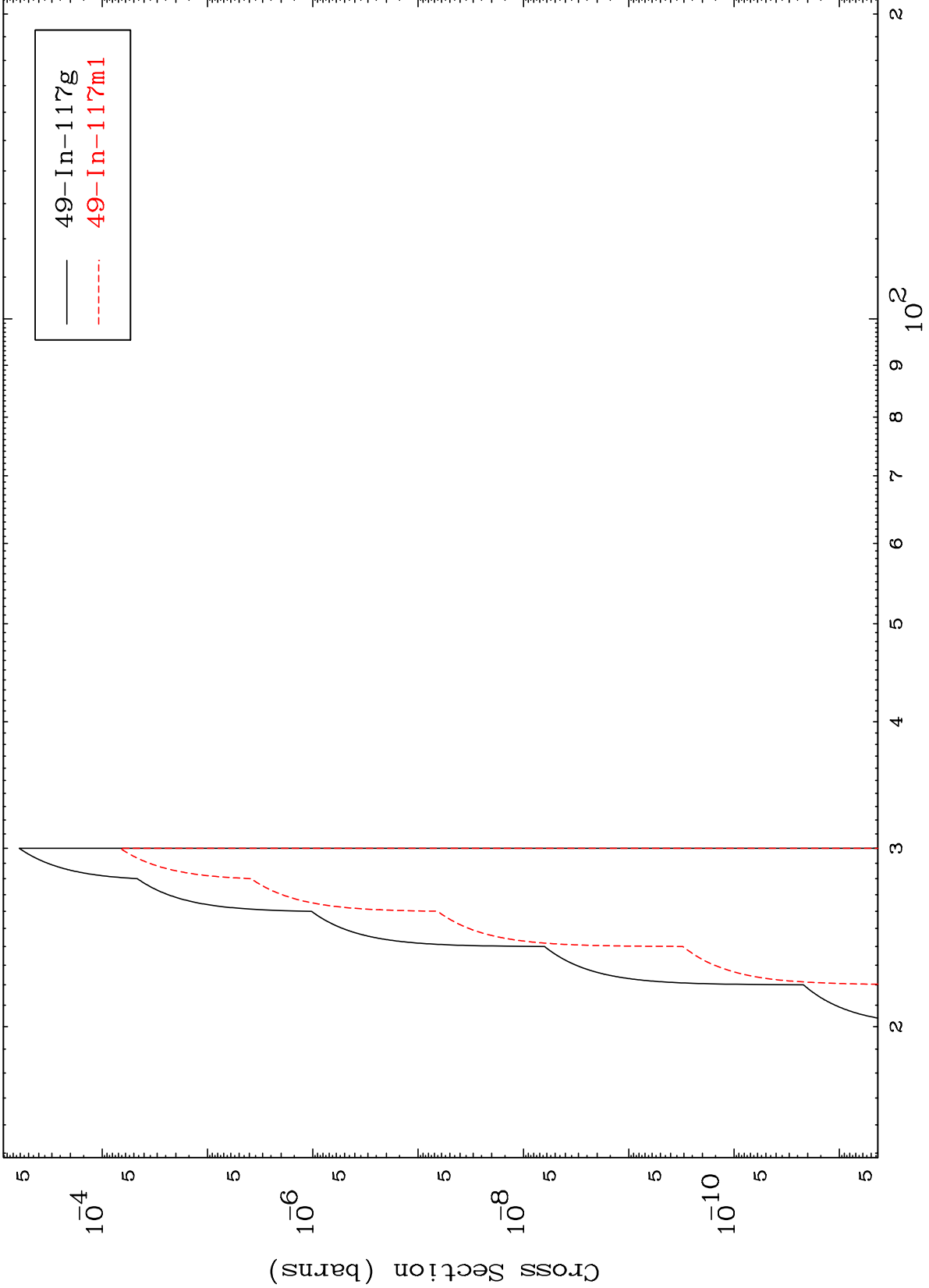
49-In-119

MAT 4943

( $\alpha, 2n$ )  $\alpha$

49-In-119

Radionuclide Production Cross Section



49-In-117g  
49-In-117m1

15

Incident Energy (MeV)

49-In-119

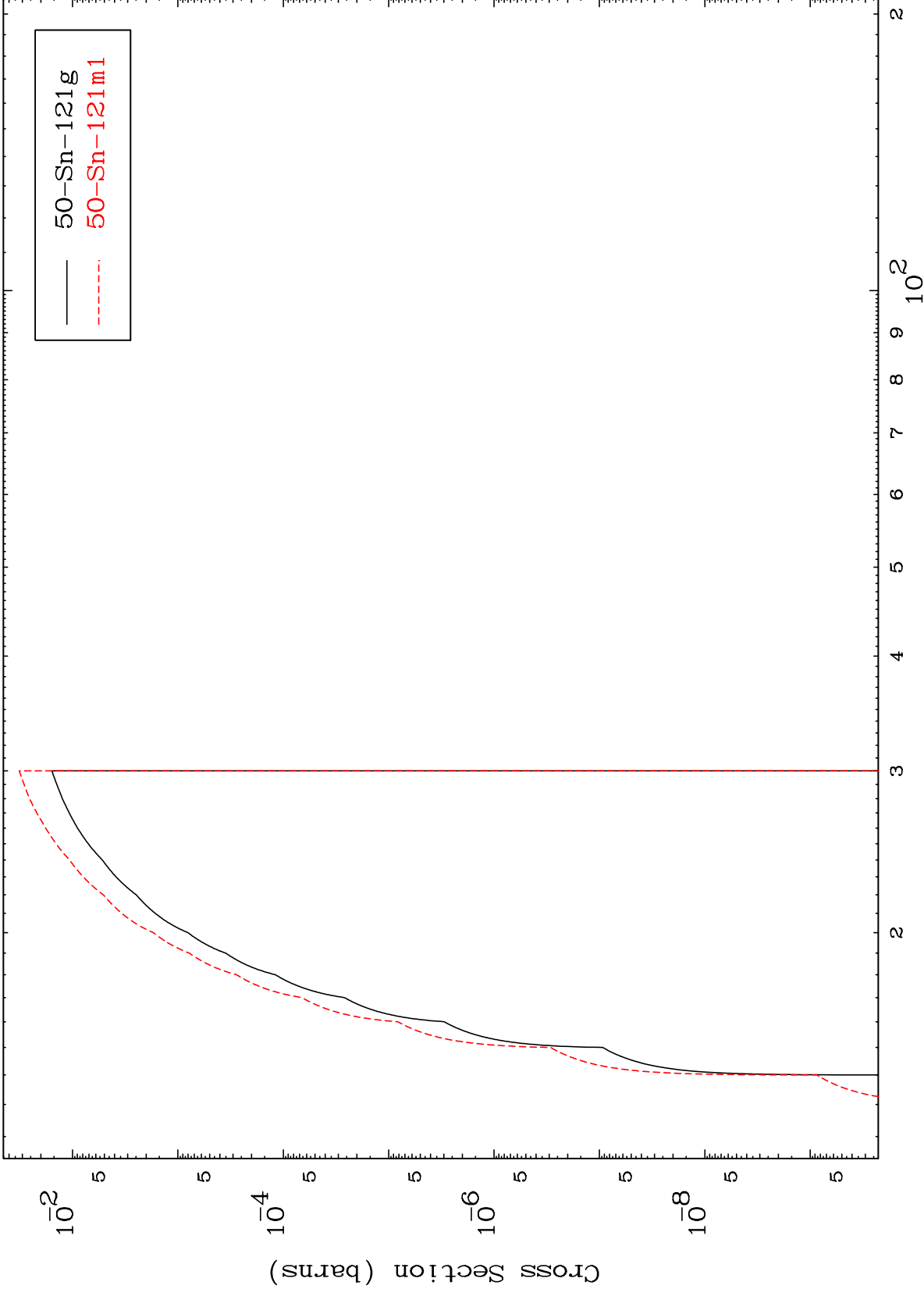


MAT 4943

( $\alpha, n'$ ) p

49-In-119

Radionuclide Production Cross Section



16

Incident Energy (MeV)

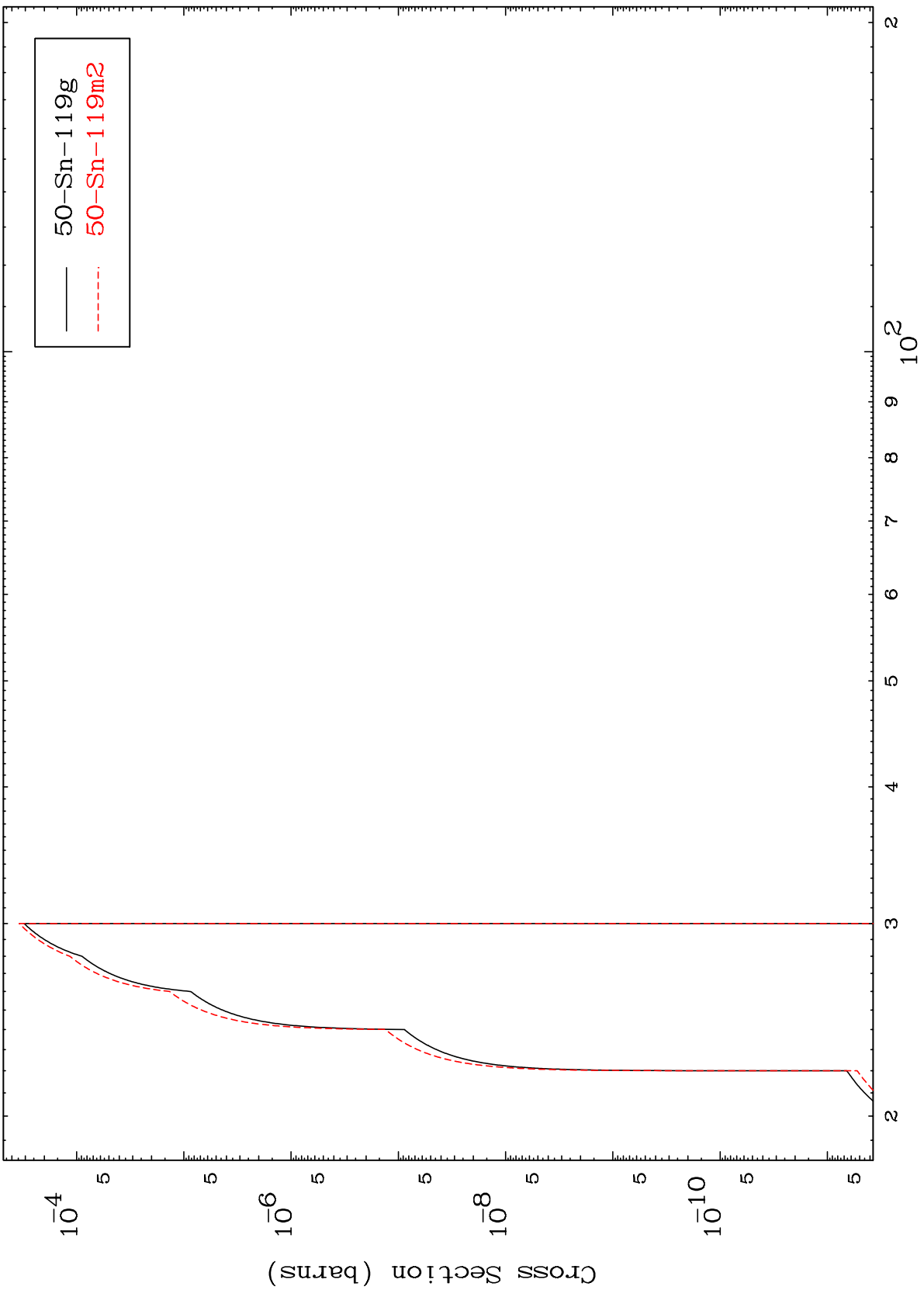
49-In-119

MAT 4943

( $\alpha, n'$ ) t

49-In-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

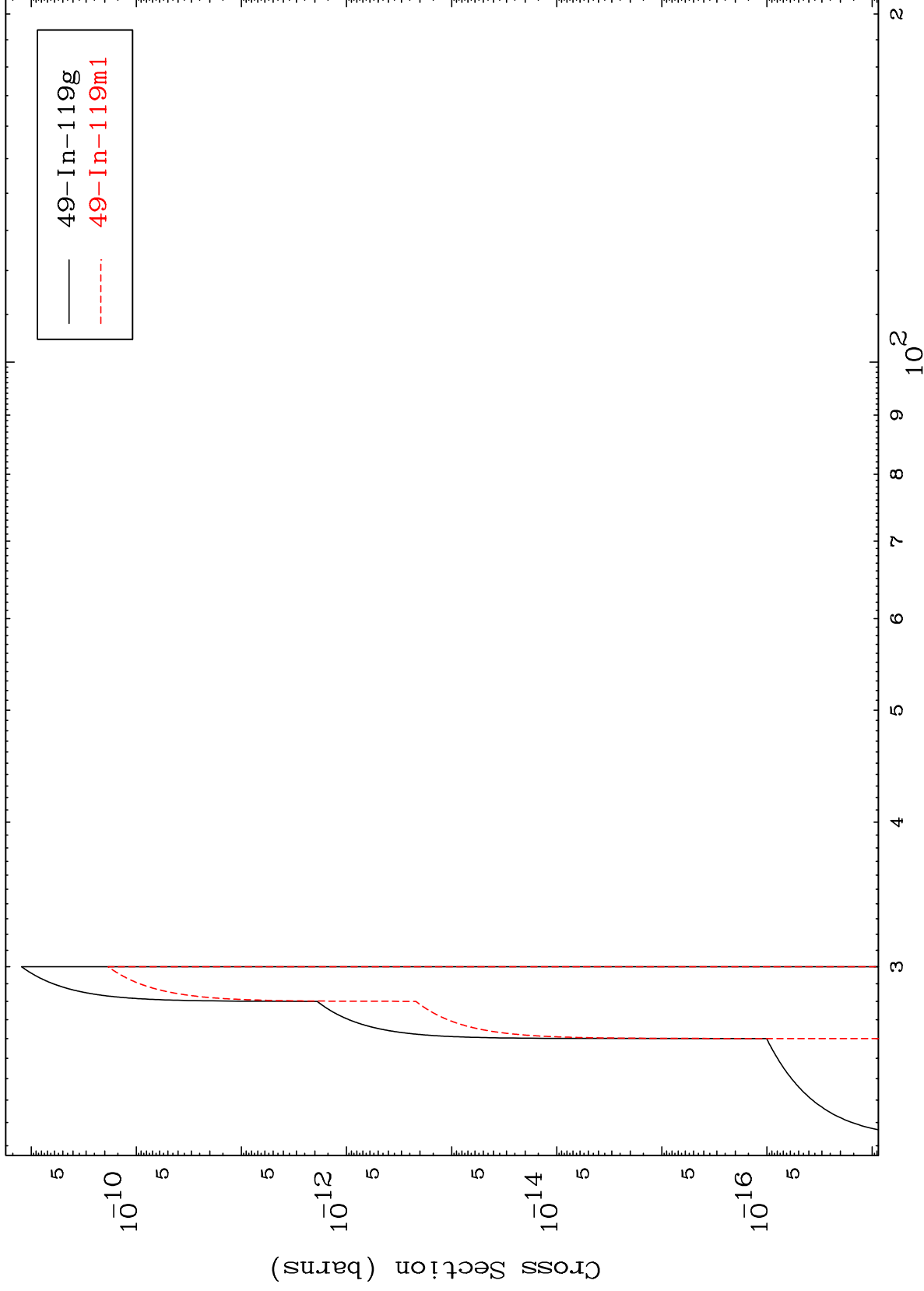
49-In-119

MAT 4943

( $\alpha, n'$ ) He-3

49-In-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

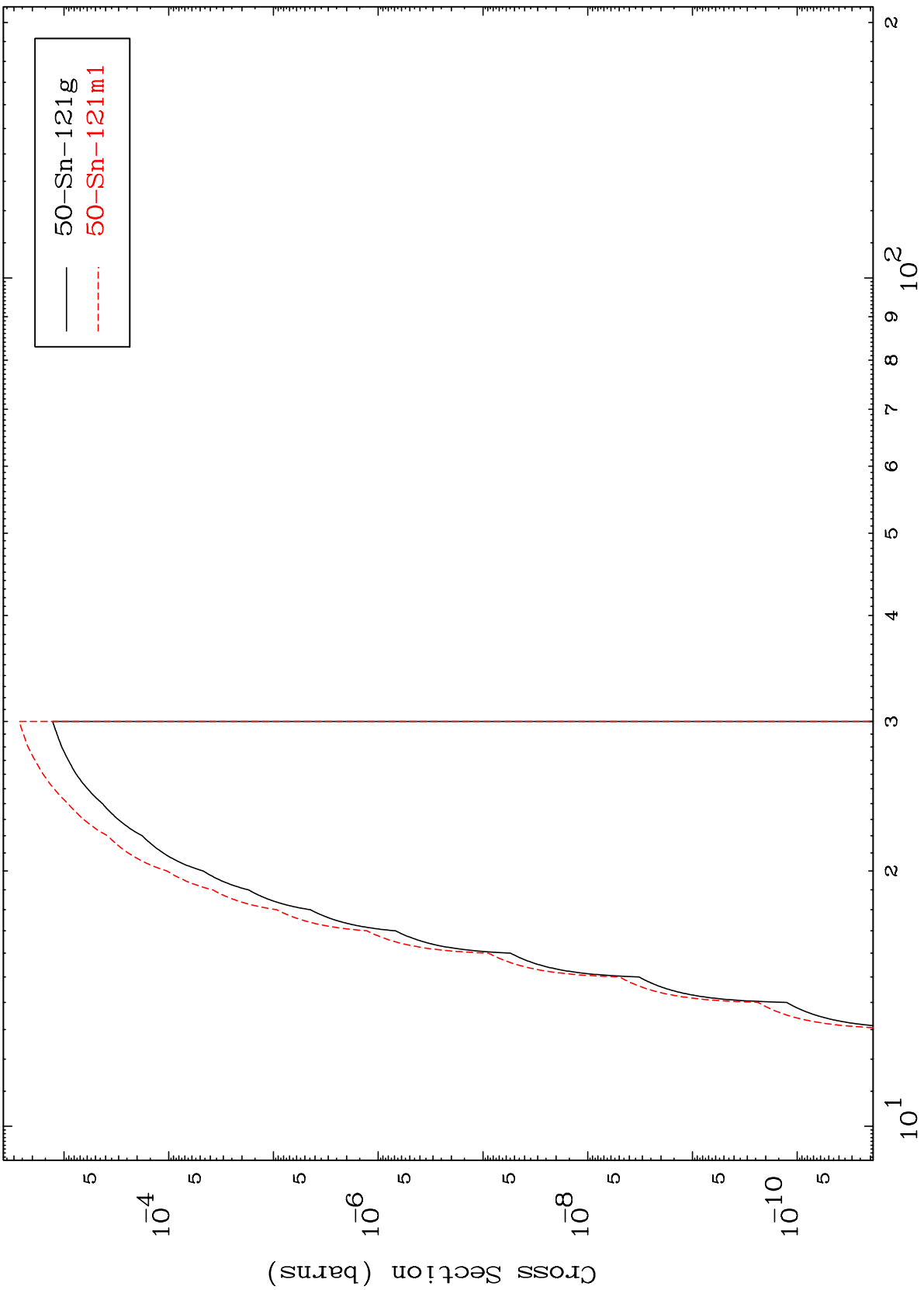
49-In-119

MAT 4943

( $\alpha, d$ )

49-In-119

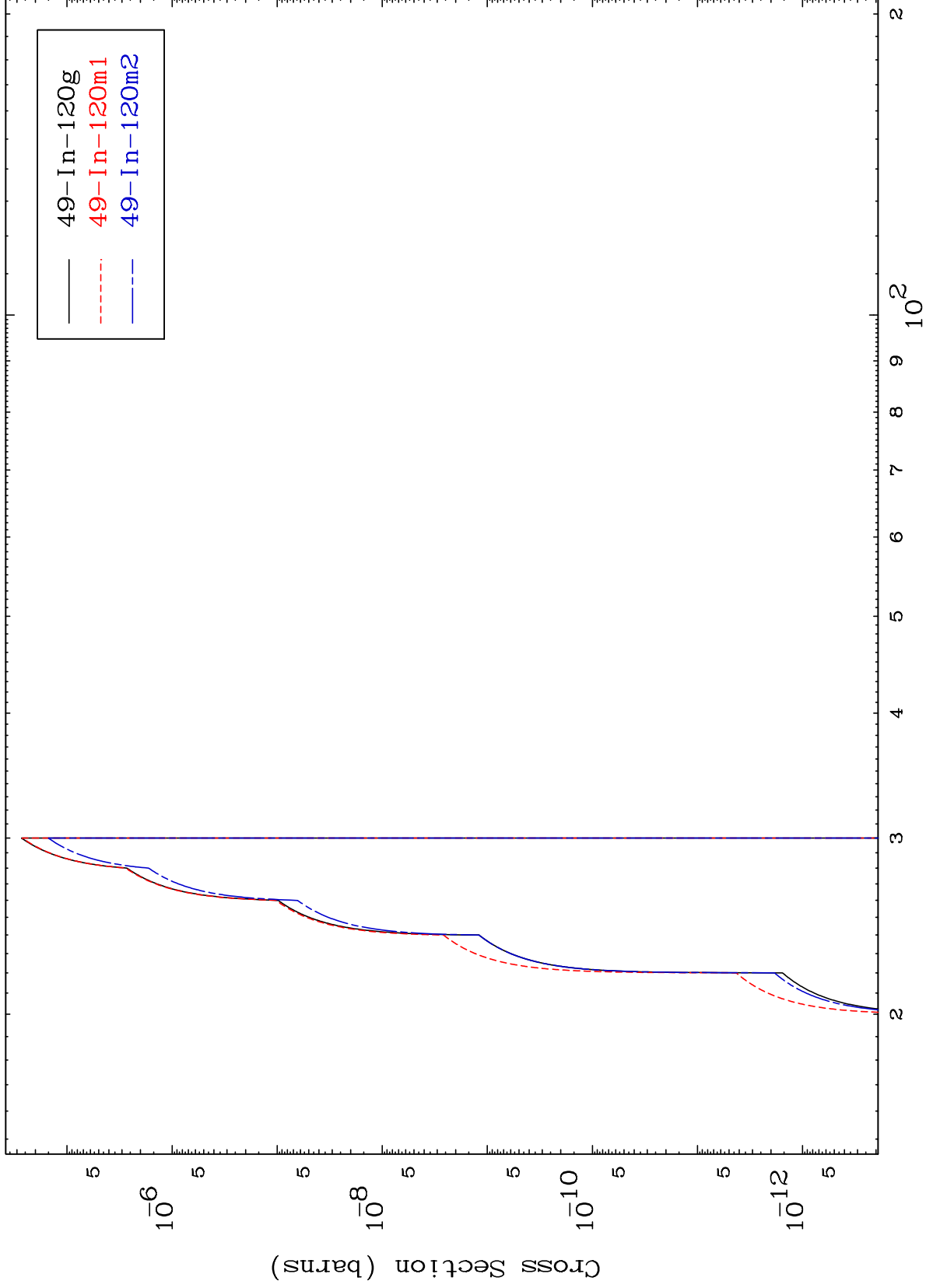
Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-119

( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section

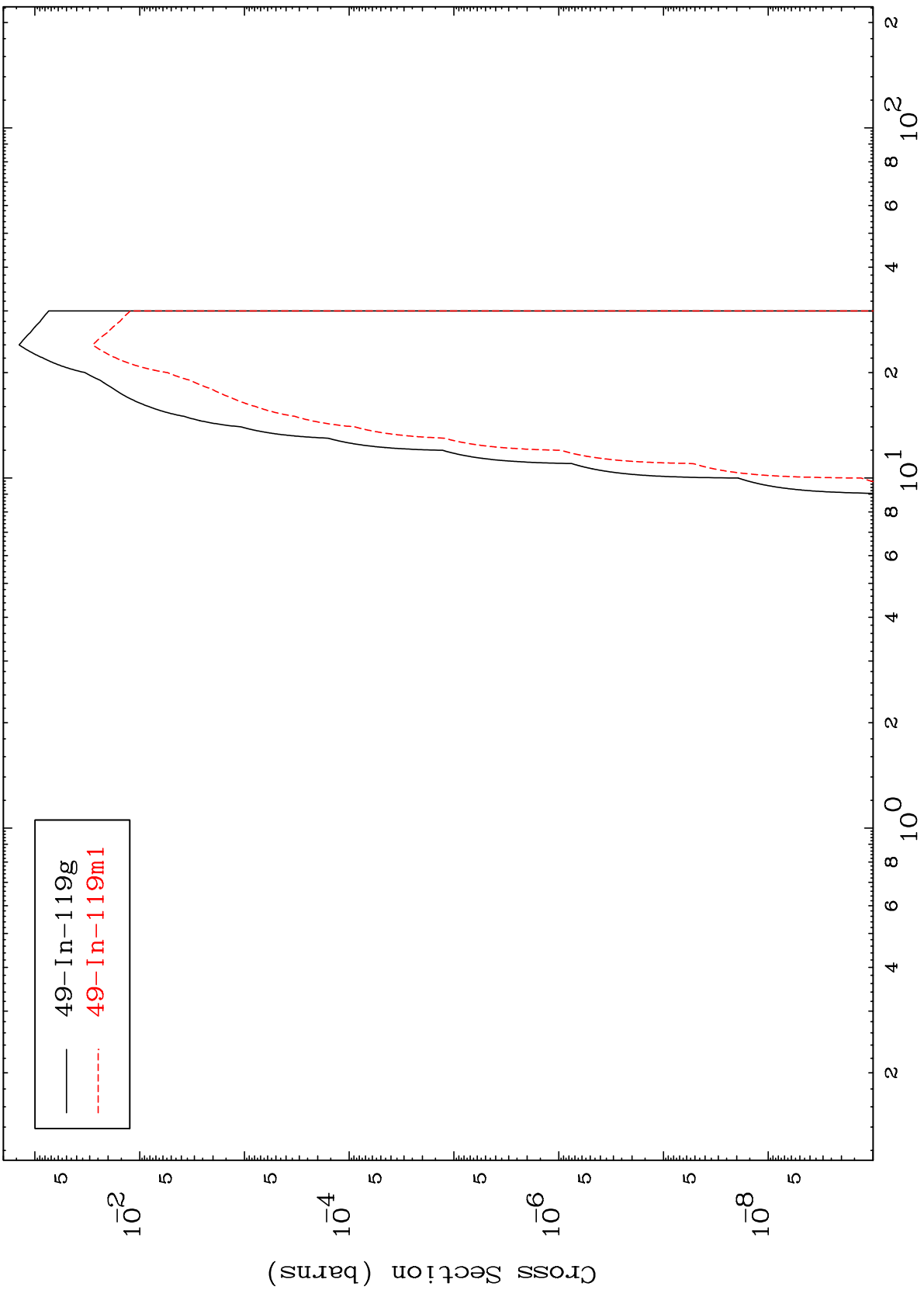


MAT 4943

( $\alpha, \alpha$ )

49-In-119

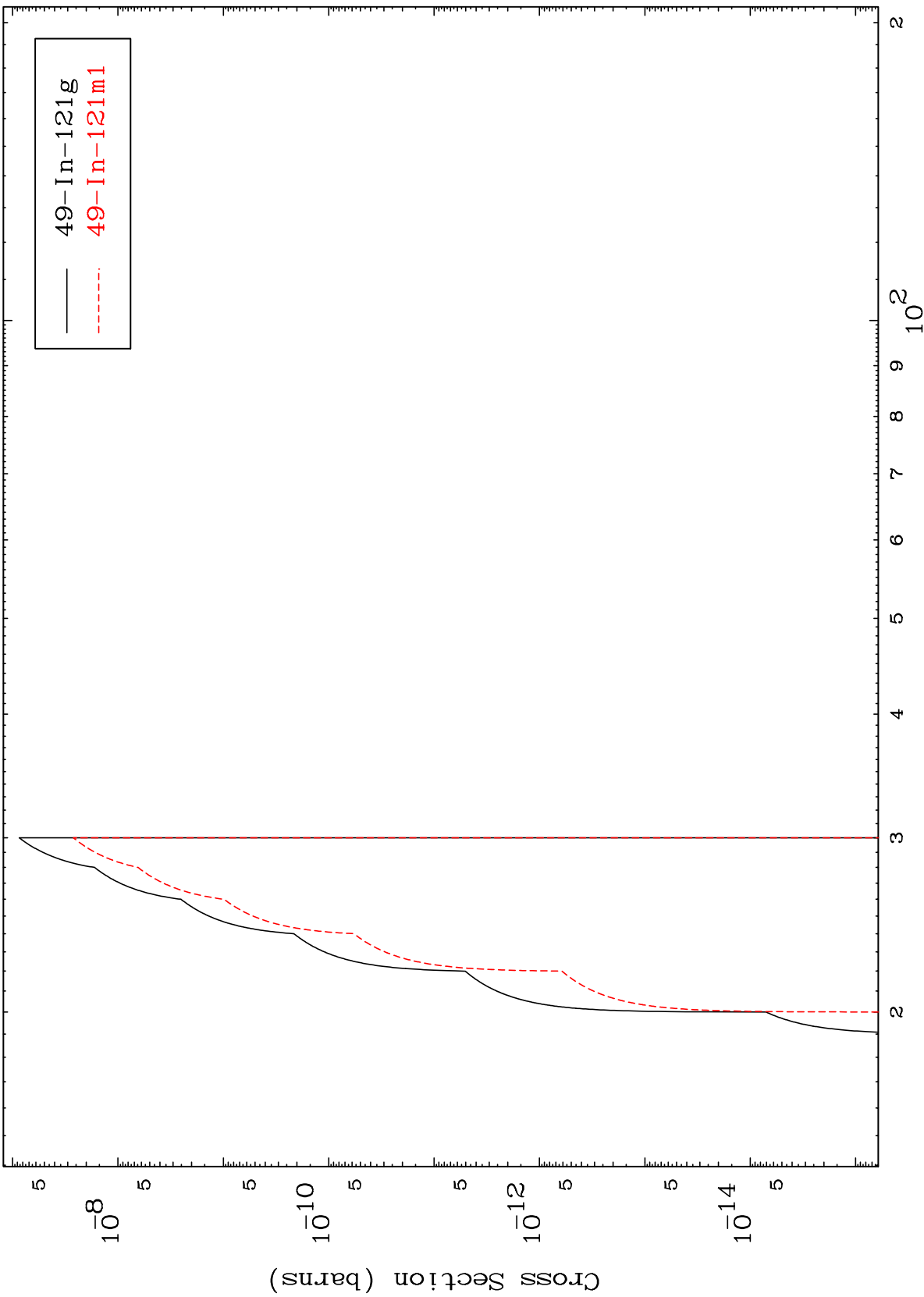
Radionuclide Production Cross Section



MAT 4943

49-In-119

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



22

49-In-119

Incident Energy (MeV)