

Program EVALPLOT  
(Version 2018-1)

by

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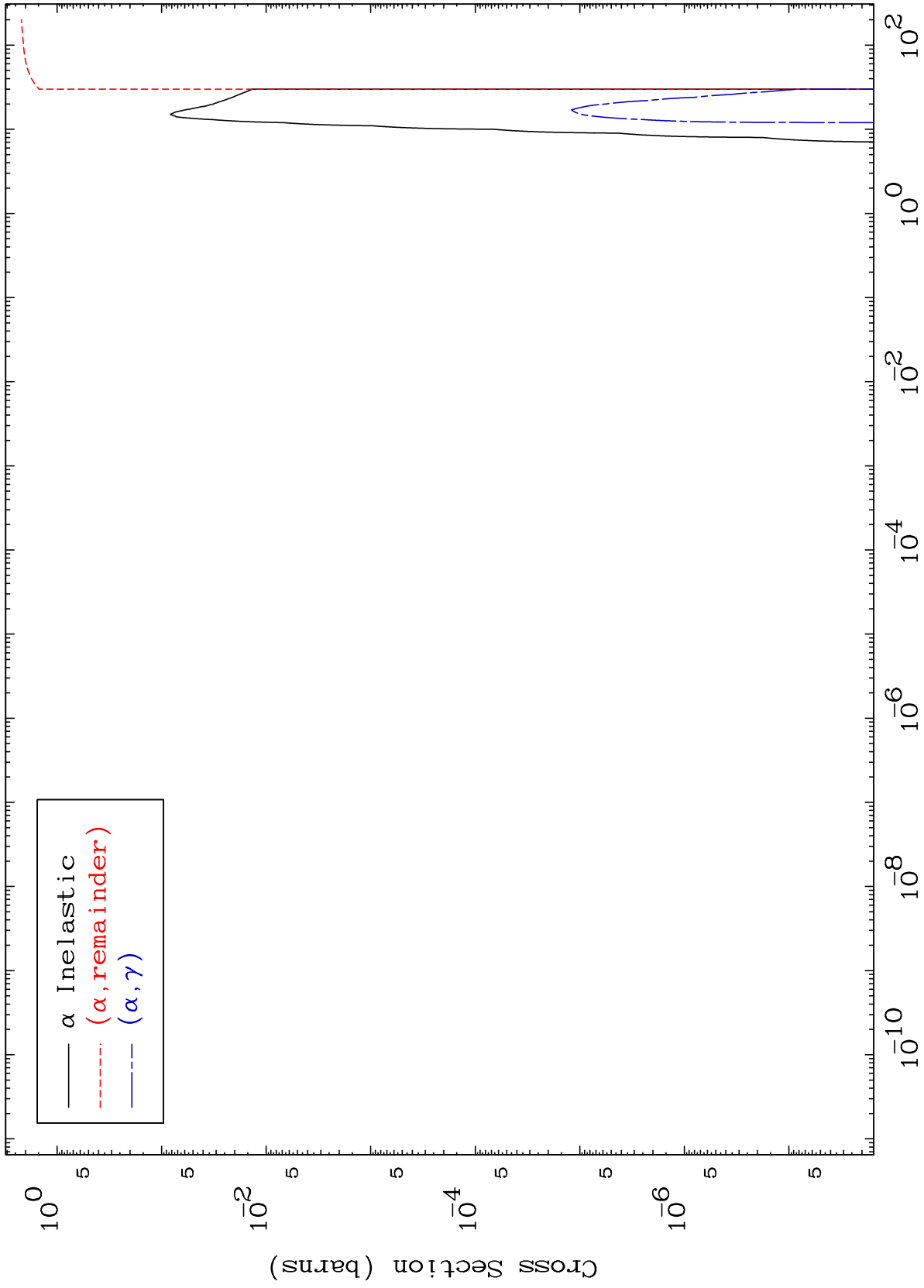
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4940

0 Kelvin  $\alpha$  Major

49-In-118



1

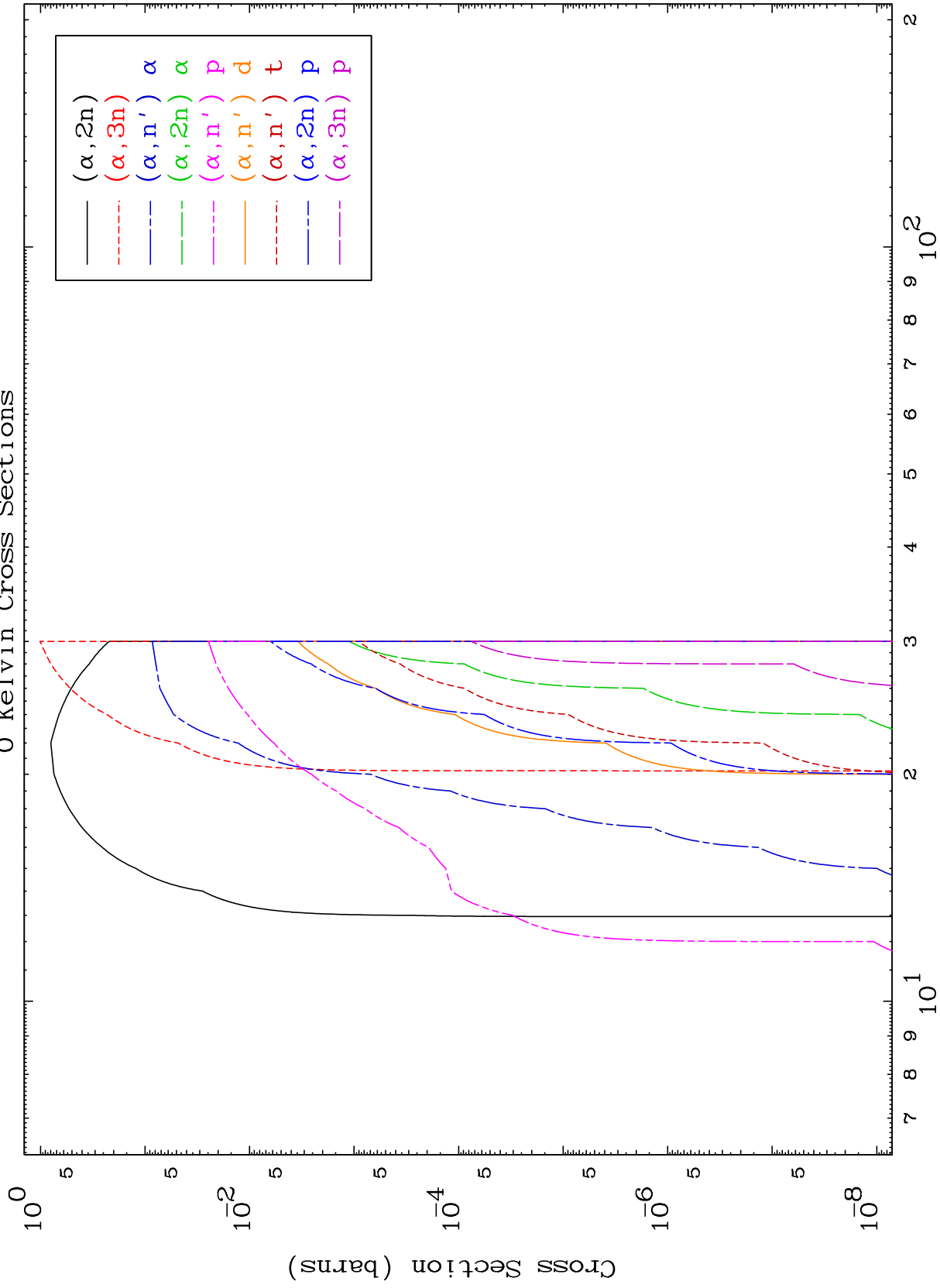
Incident Energy (MeV)

49-In-118

MAT 4940

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

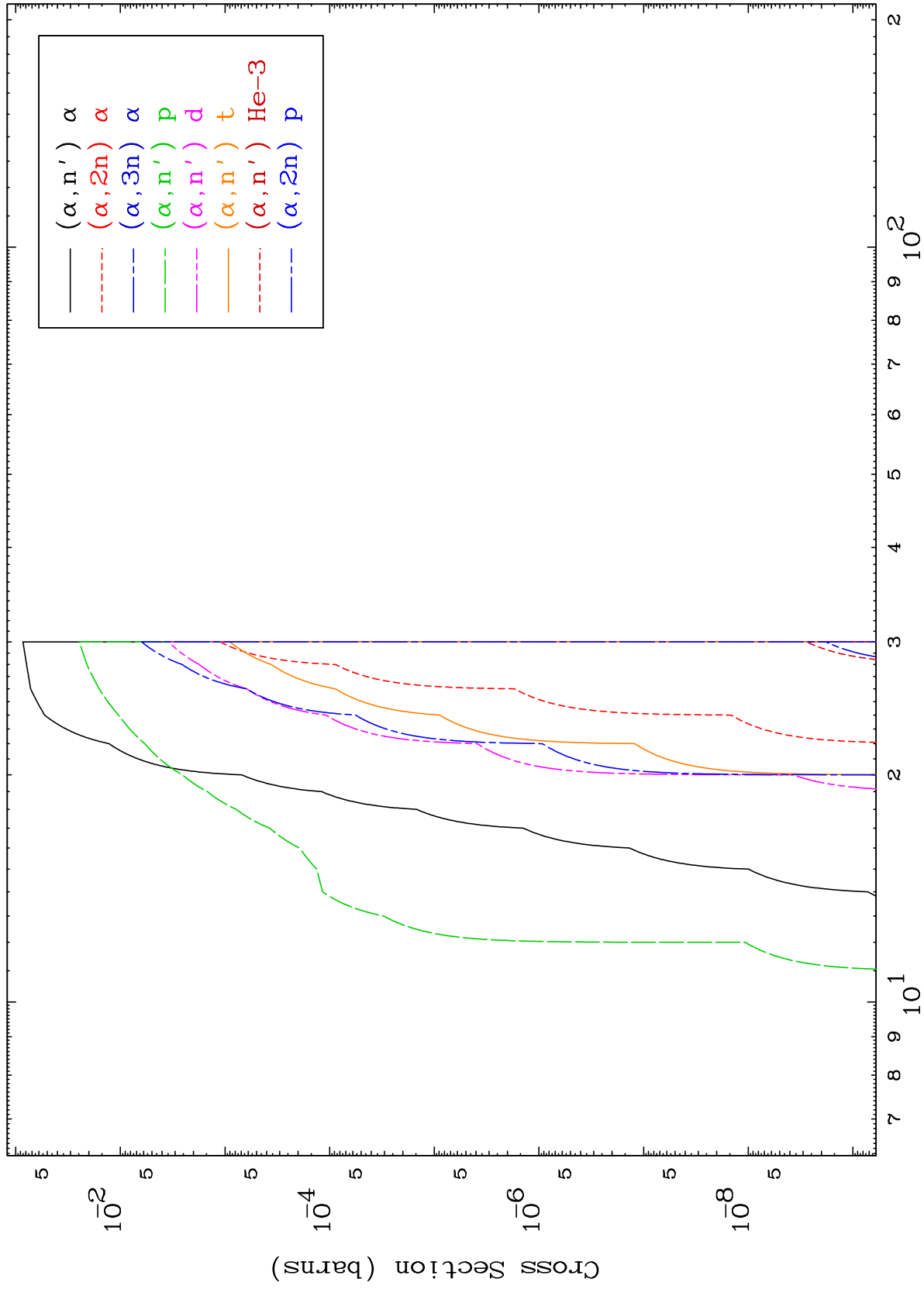
49-In-118



2

Incident Energy (MeV)

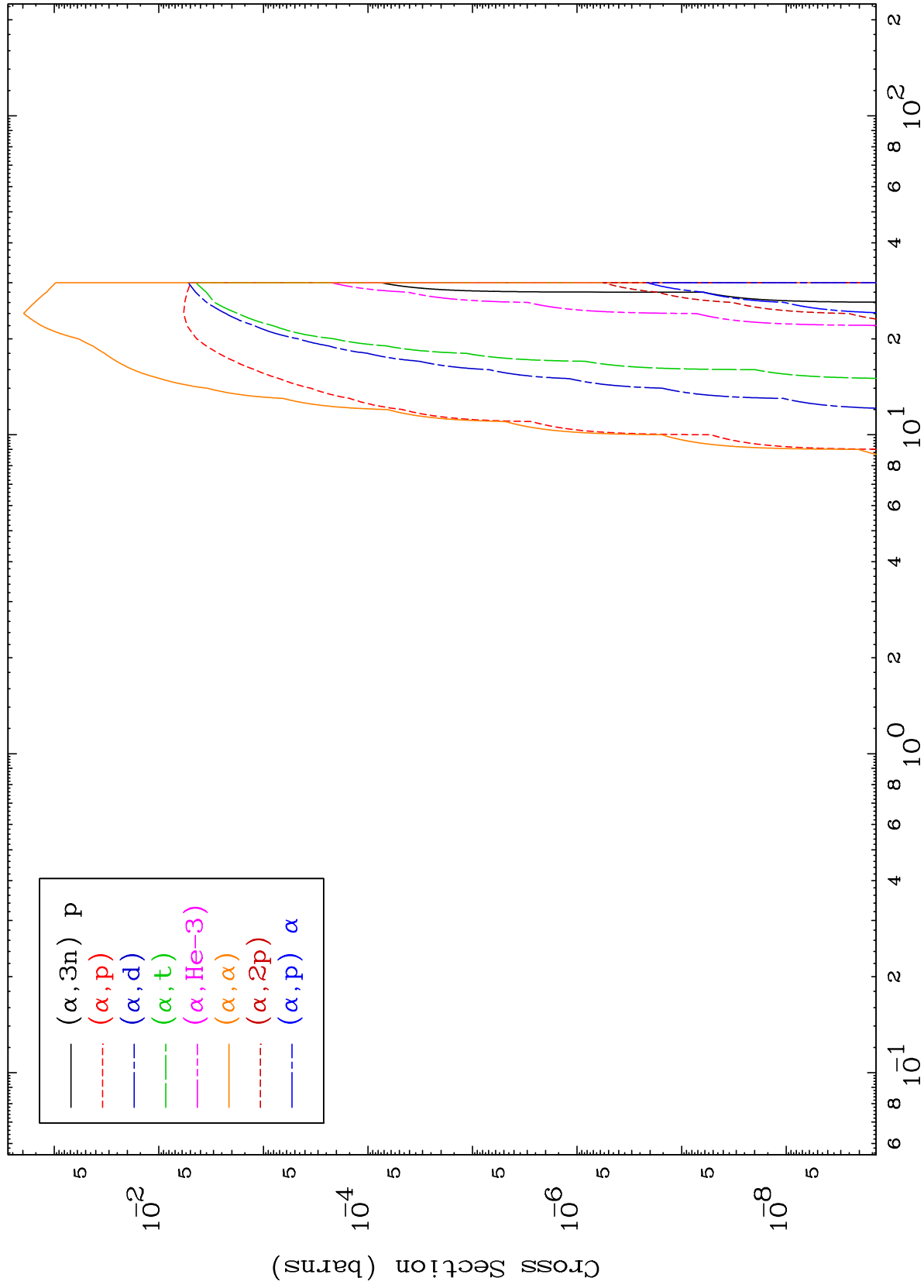
49-In-118



MAT 4940

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

49-In-118

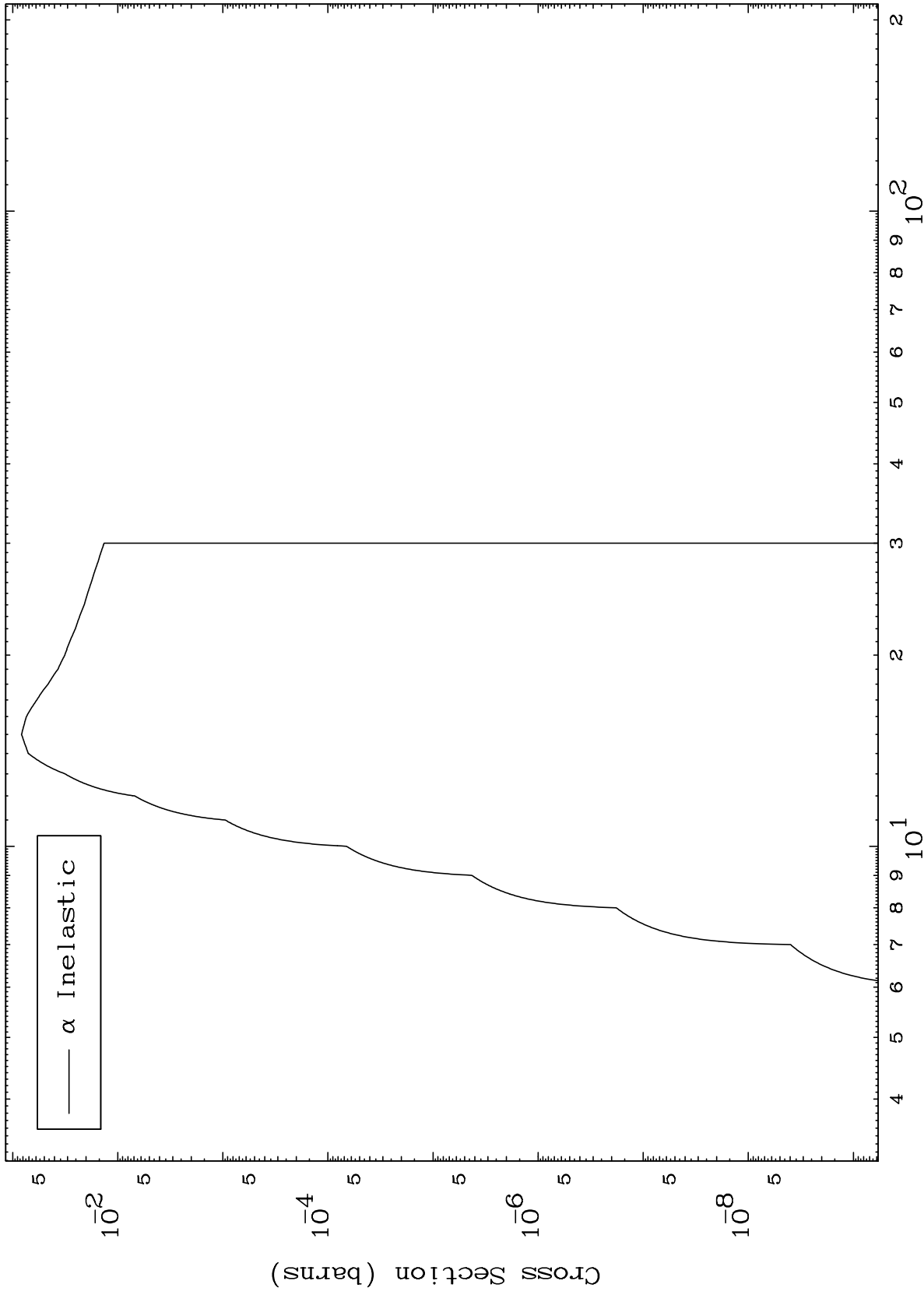


49-In-118

MAT 4940

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

49-In-118



5

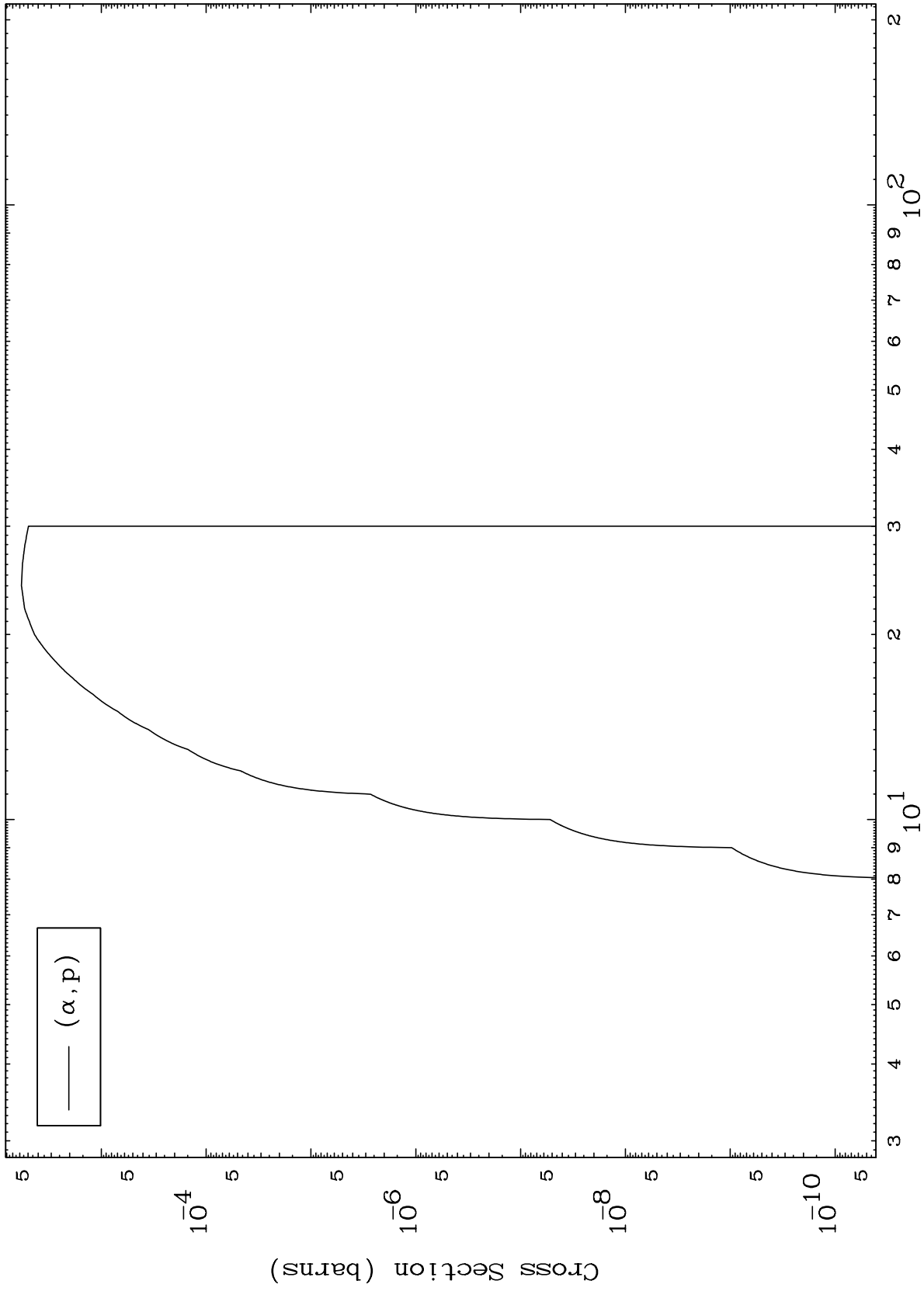
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



6

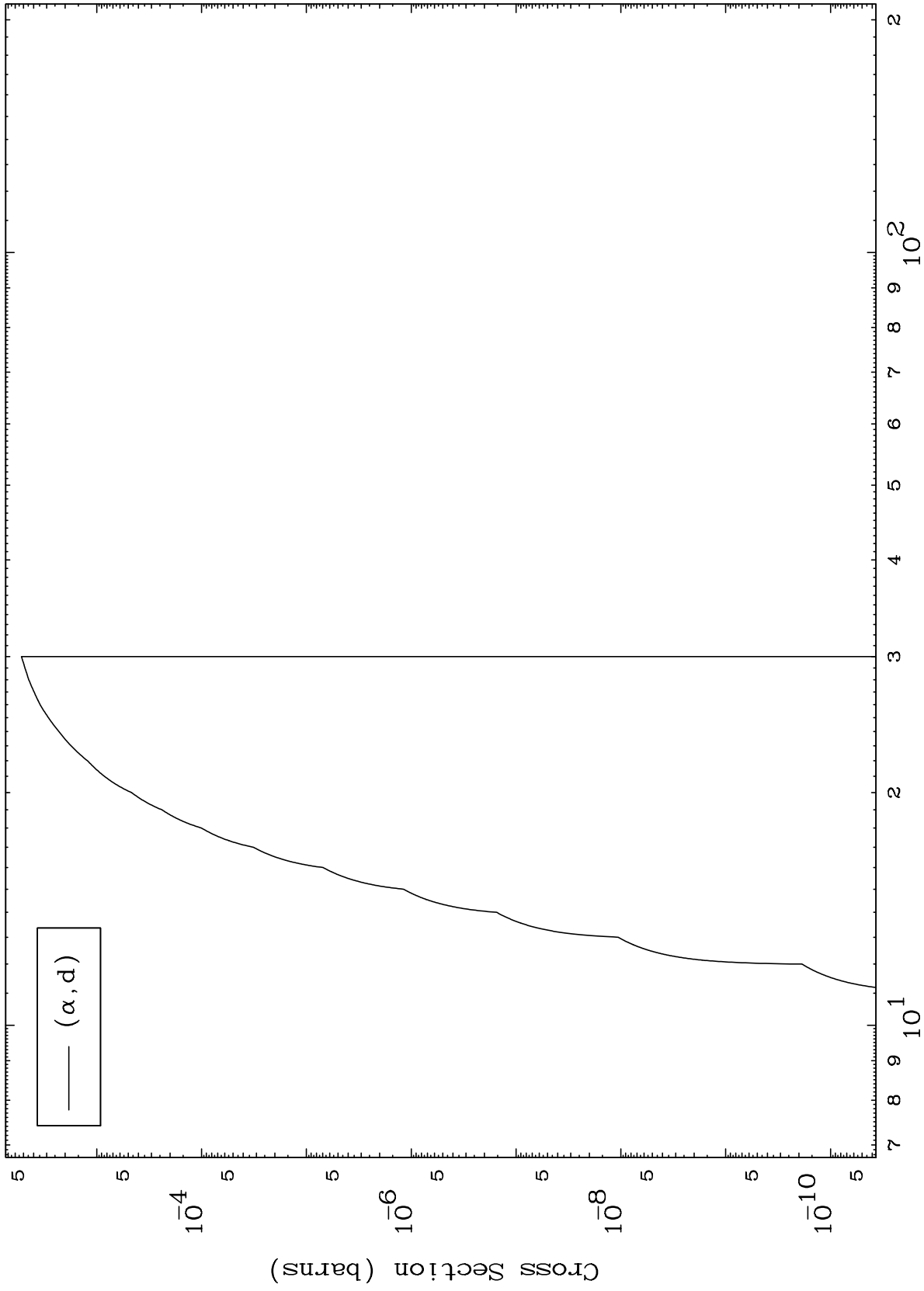
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



7

Incident Energy (MeV)

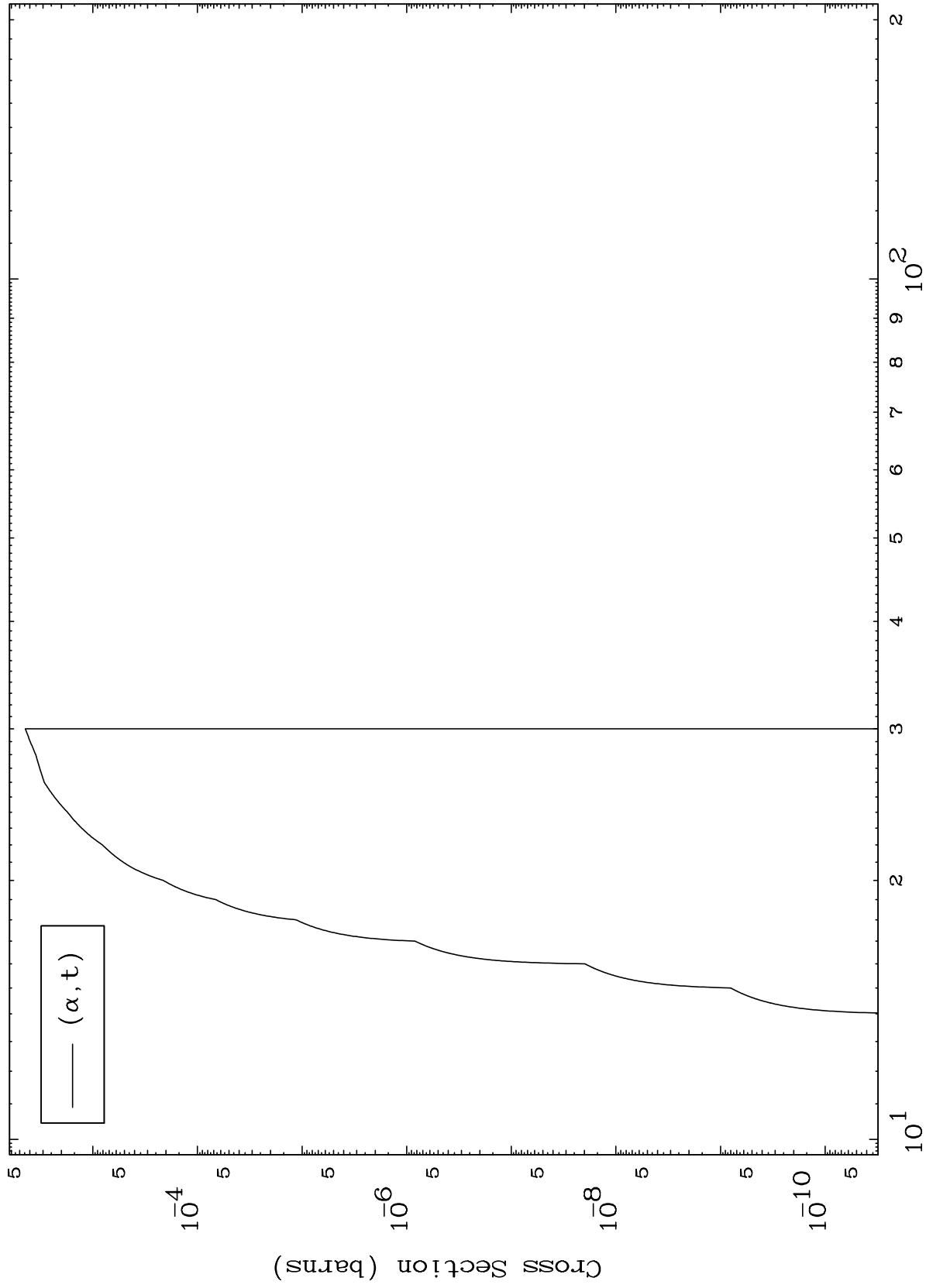
49-In-118



MAT 4940

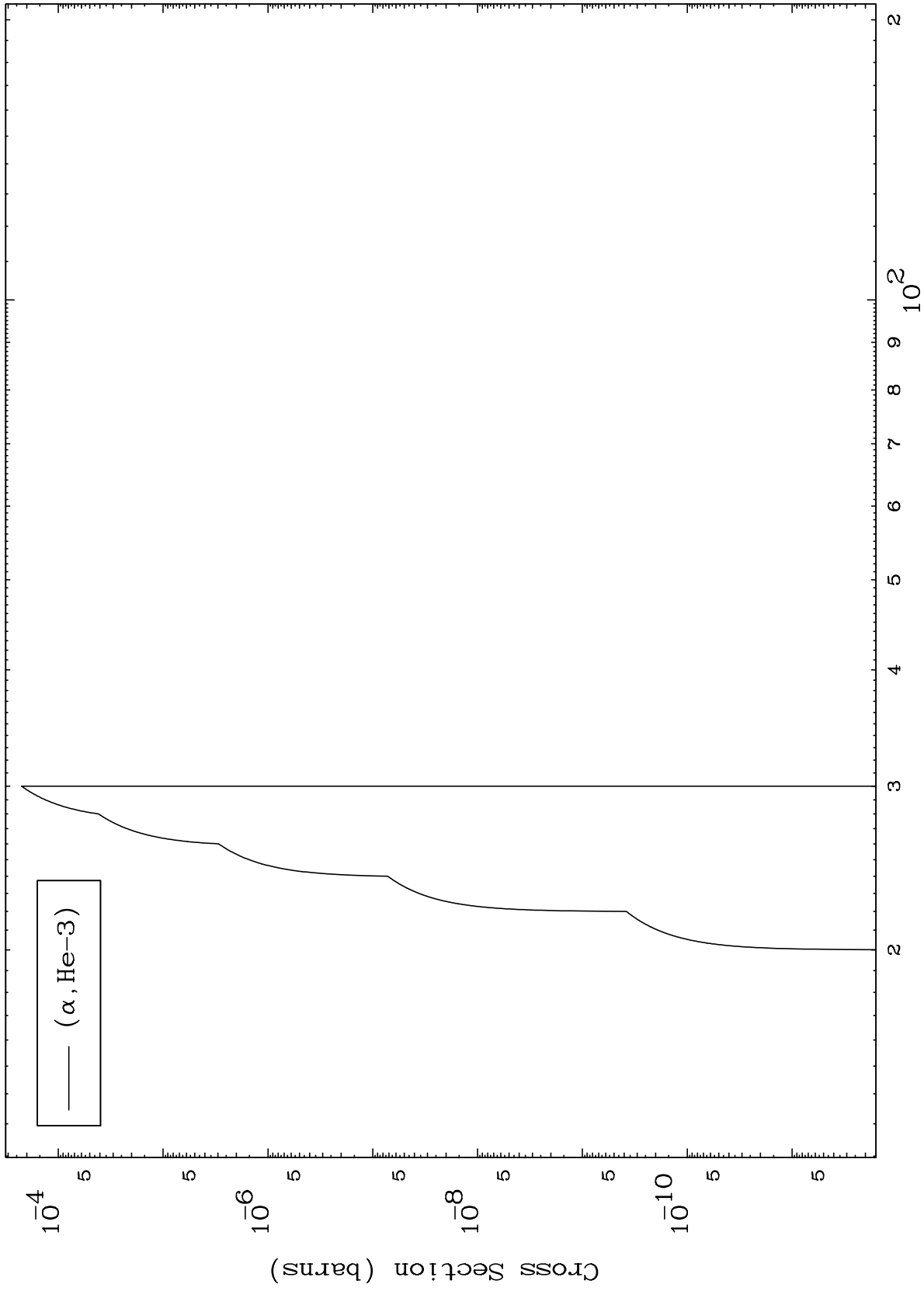
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

49-In-118



Incident Energy (MeV)

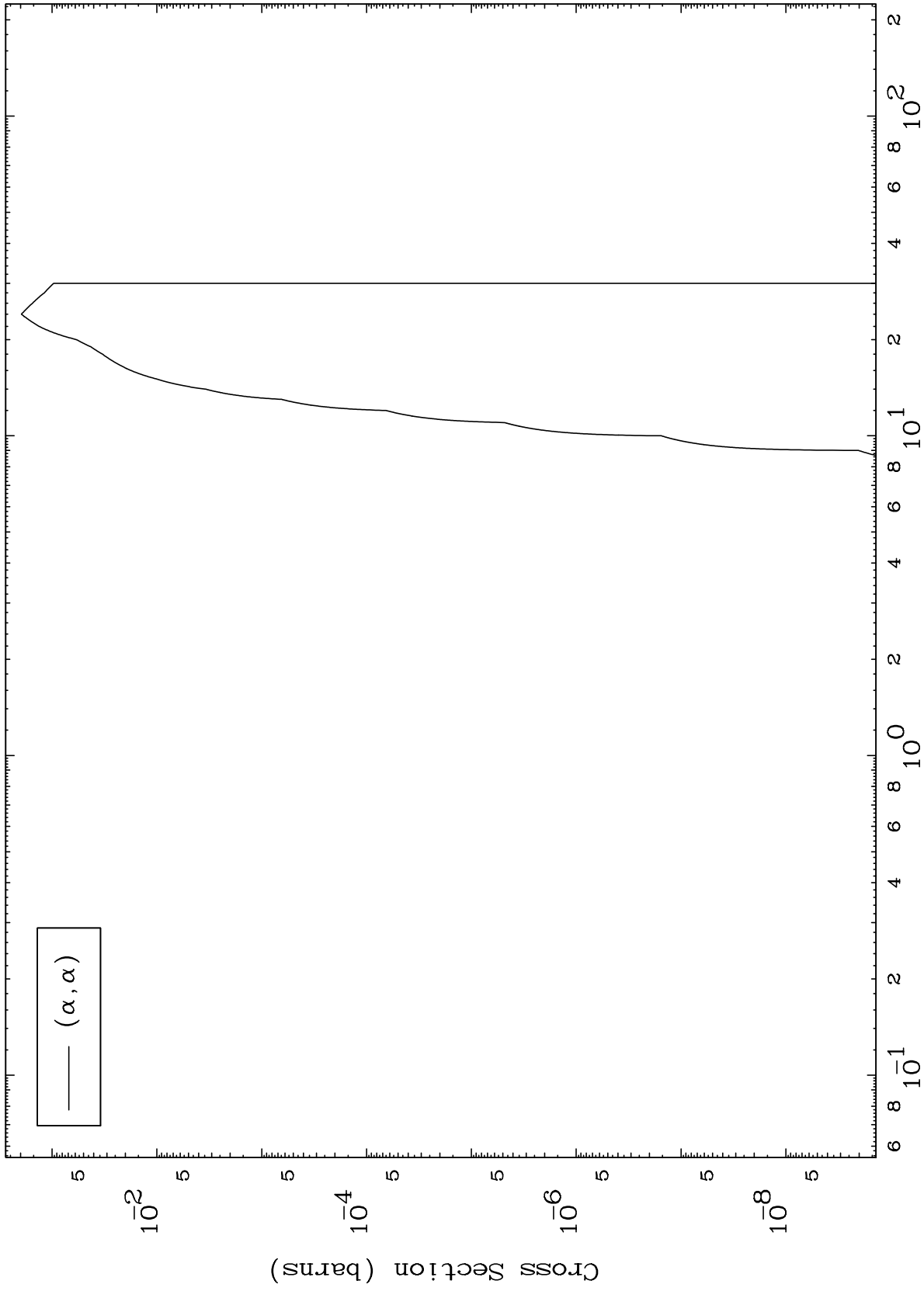
49-In-118



MAT 4940

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

49-In-118

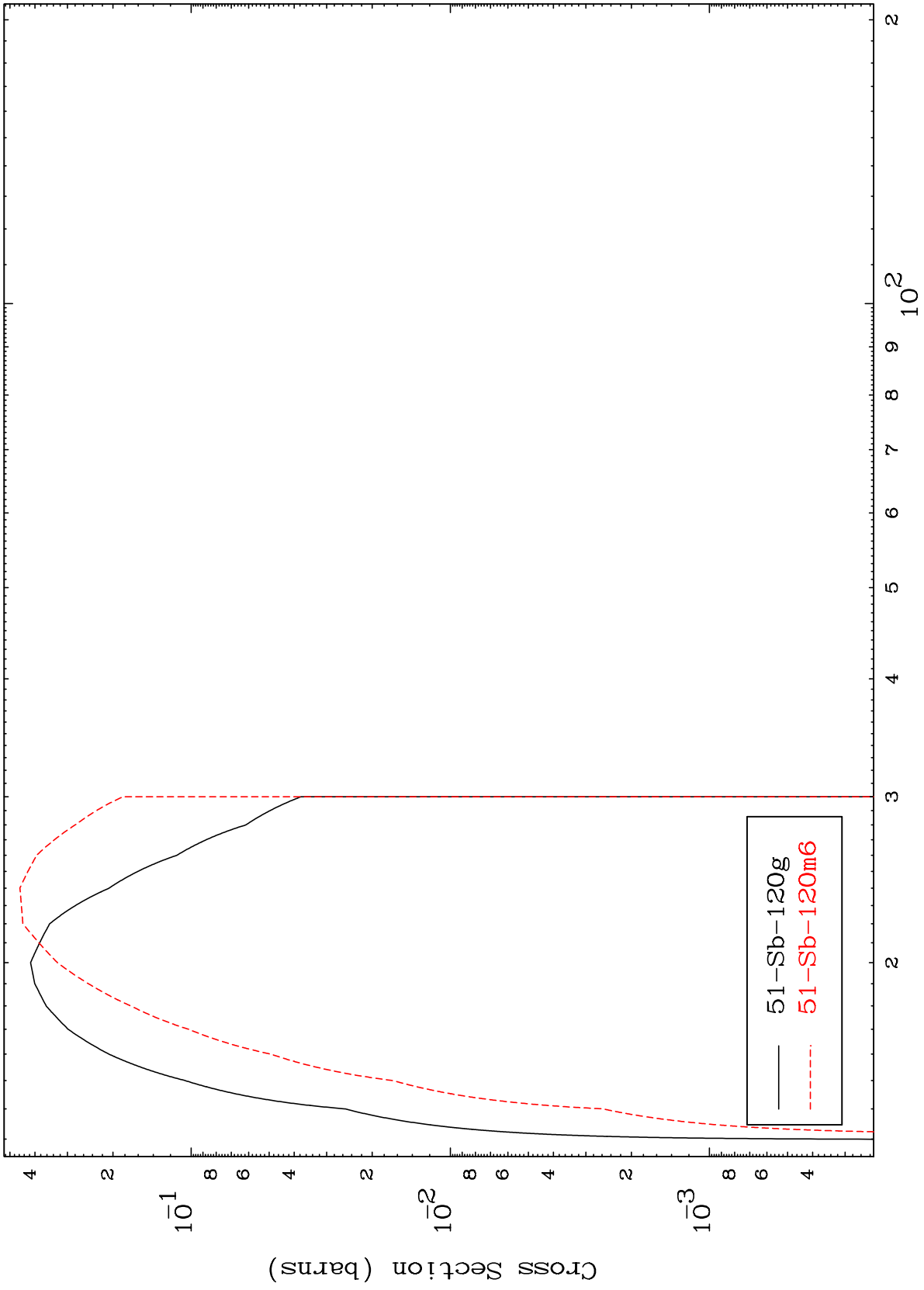


10

Incident Energy (MeV)

49-In-118

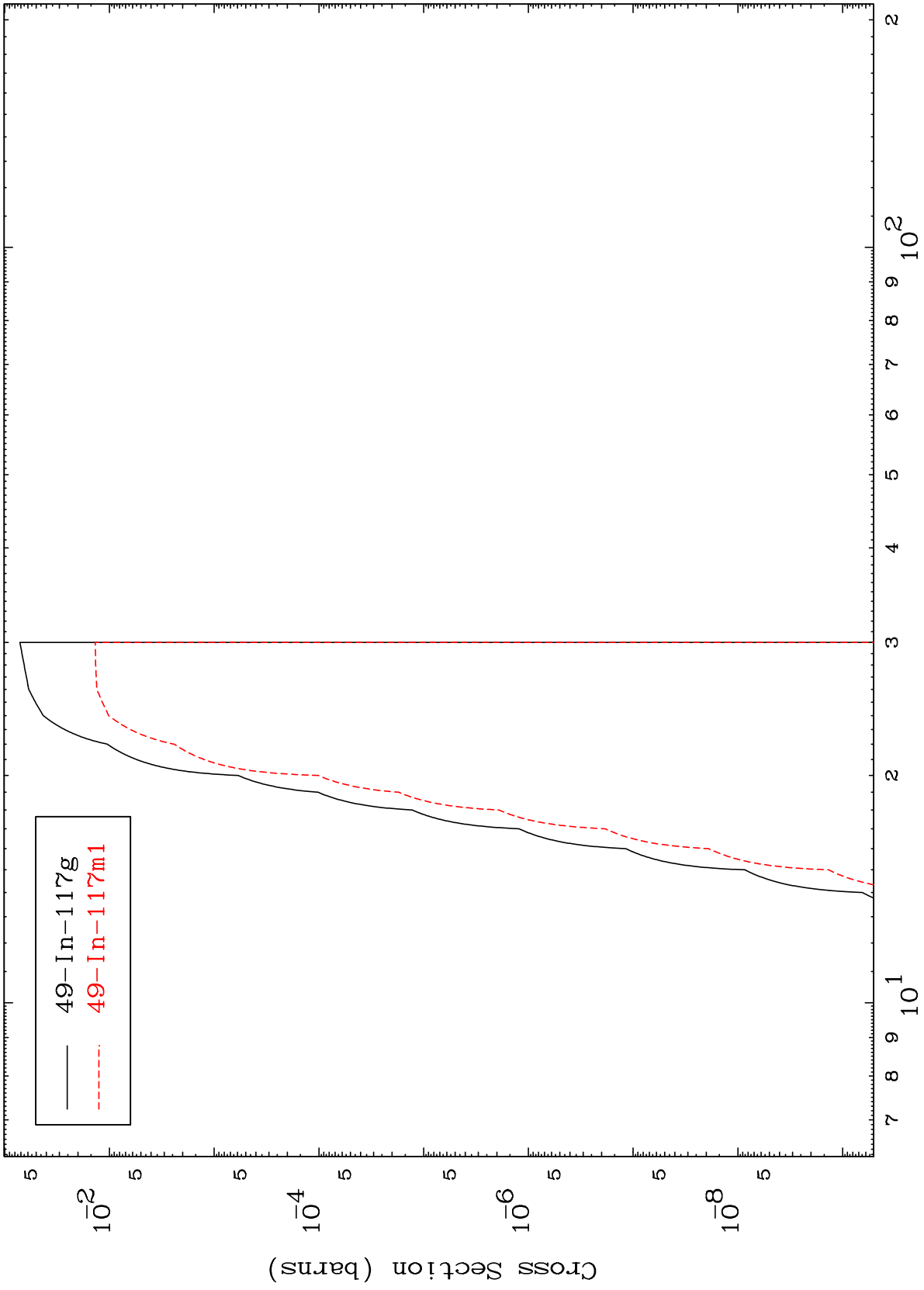
( $\alpha, 2n$ )  
Radionuclide Production Cross Section



MAT 4940

49-In-118

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



12

Incident Energy (MeV)

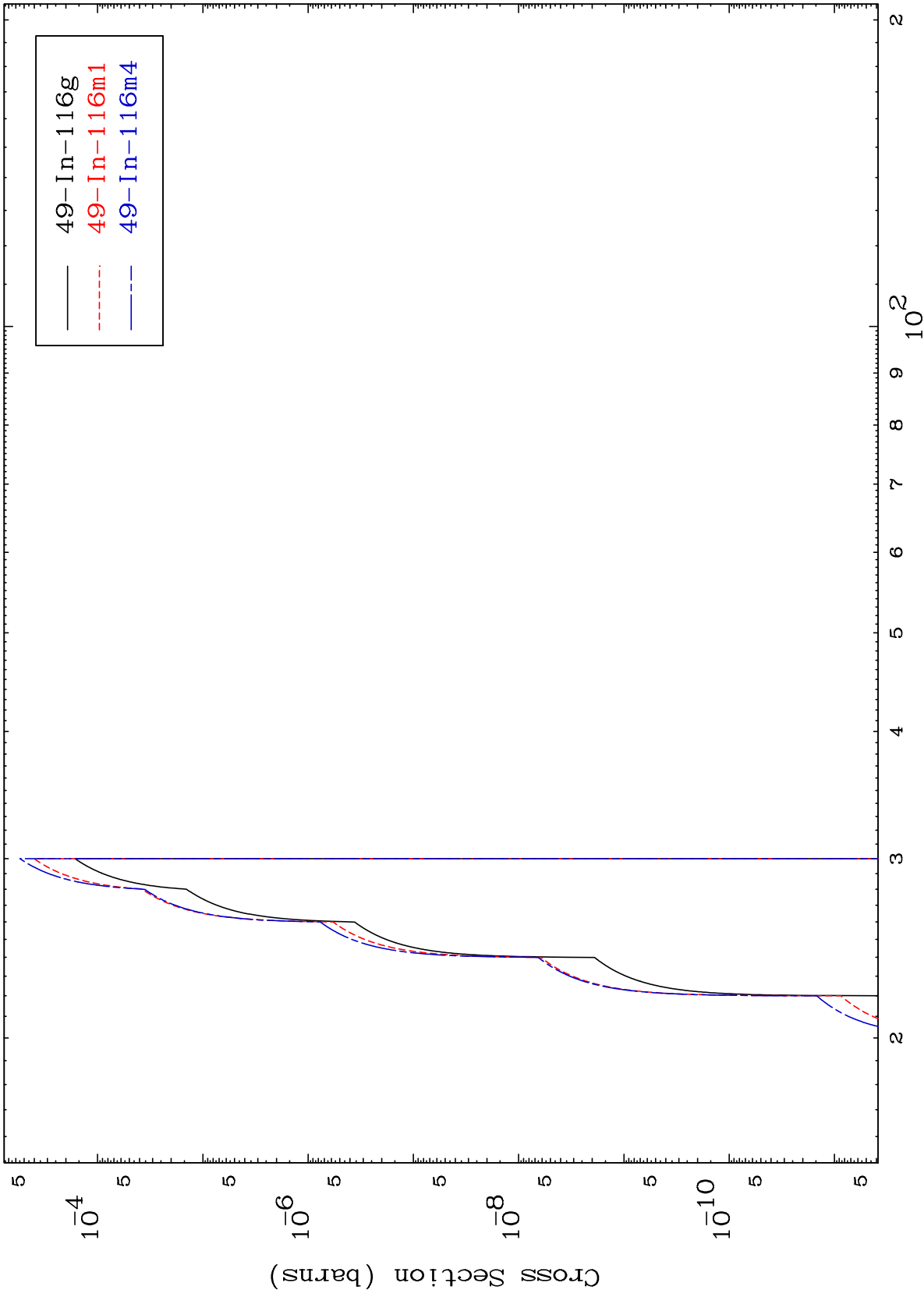
49-In-118

MAT 4940

$(\alpha, 2n) \alpha$

49-In-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

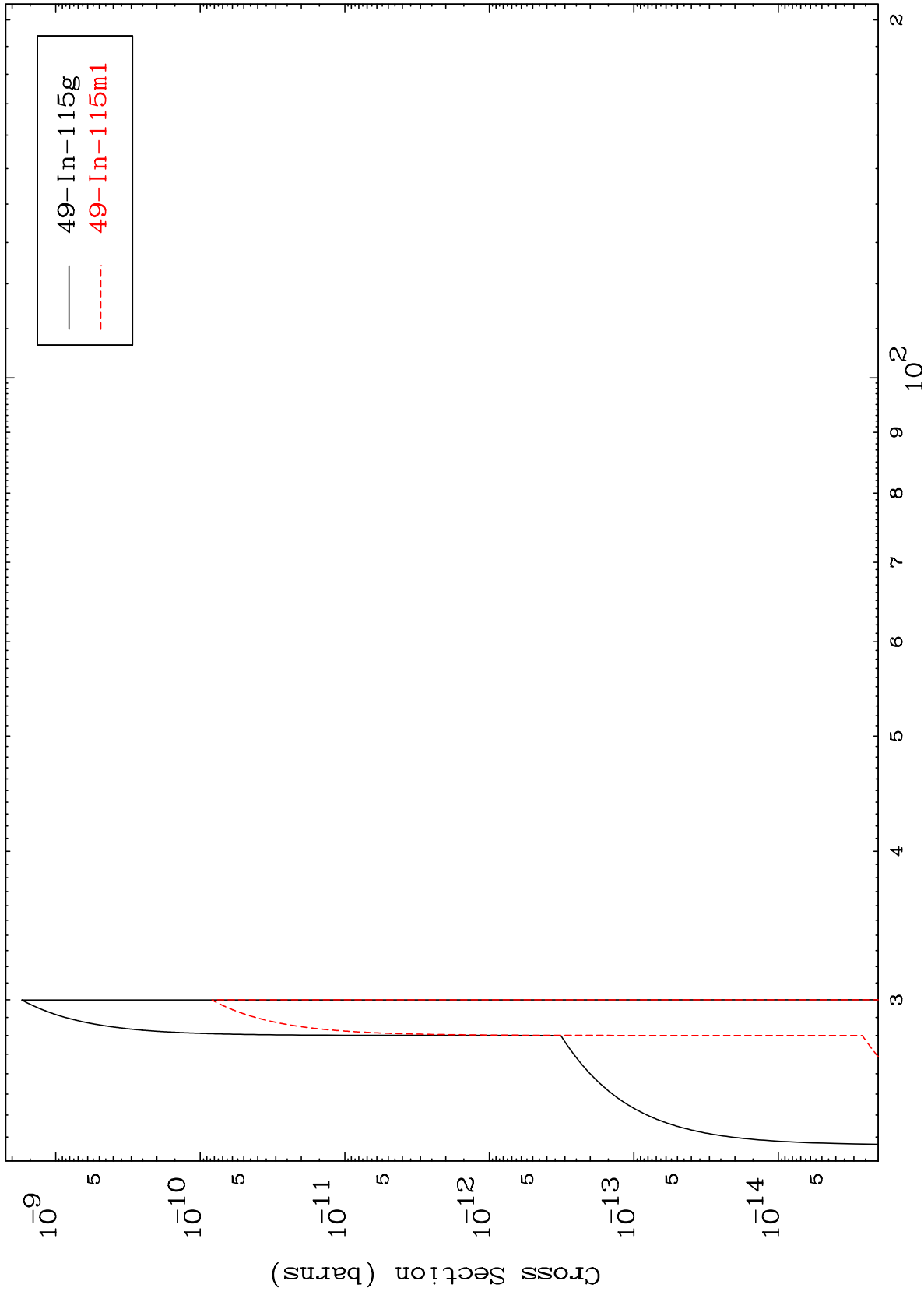
49-In-118

MAT 4940

( $\alpha, 3n$ )  $\alpha$

49-In-118

Radionuclide Production Cross Section



14

Incident Energy (MeV)

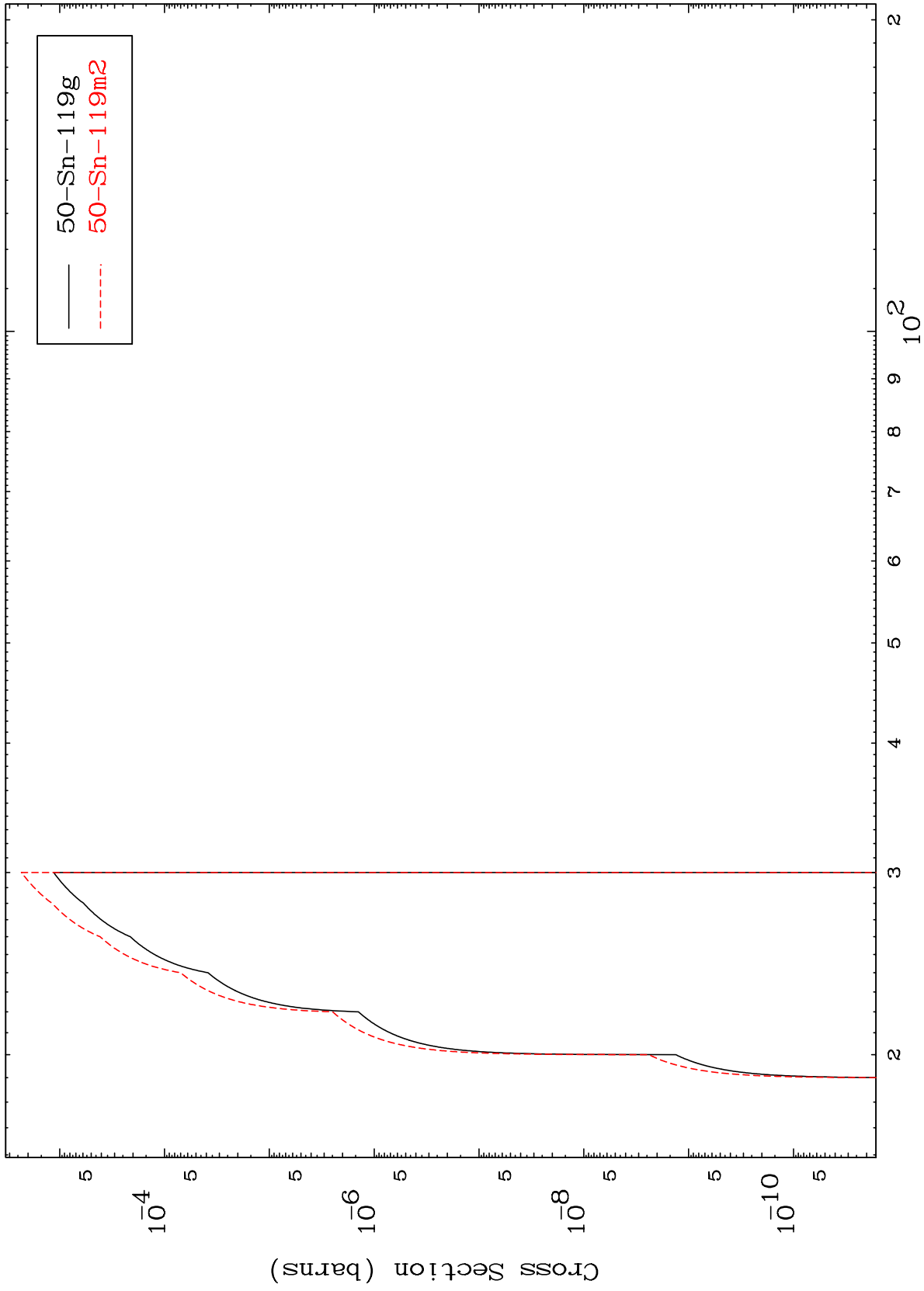
49-In-118

MAT 4940

( $\alpha, n'$ ) d

49-In-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-118

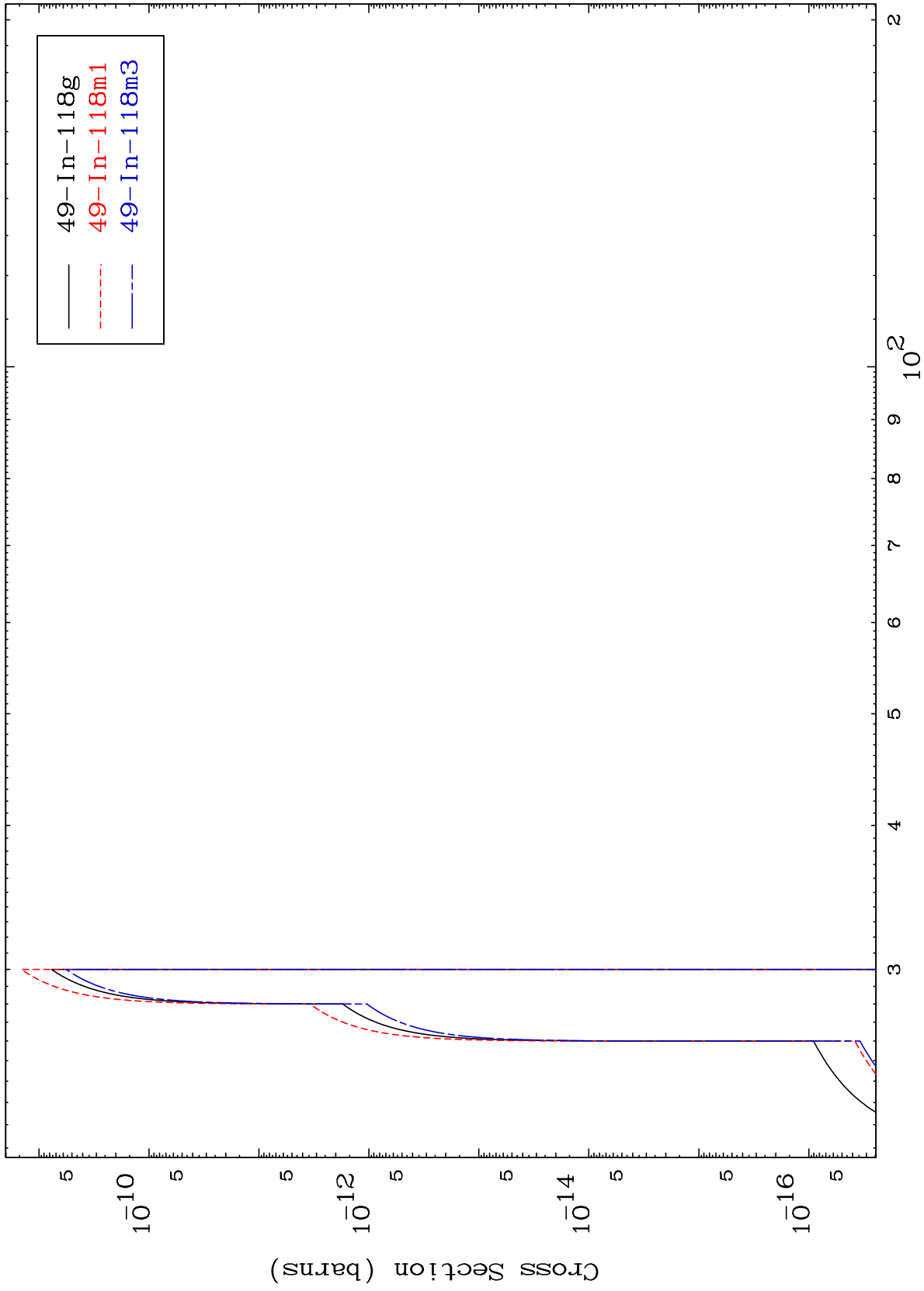


MAT 4940

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

49-In-118

Radionuclide Production Cross Section



16

Incident Energy (MeV)

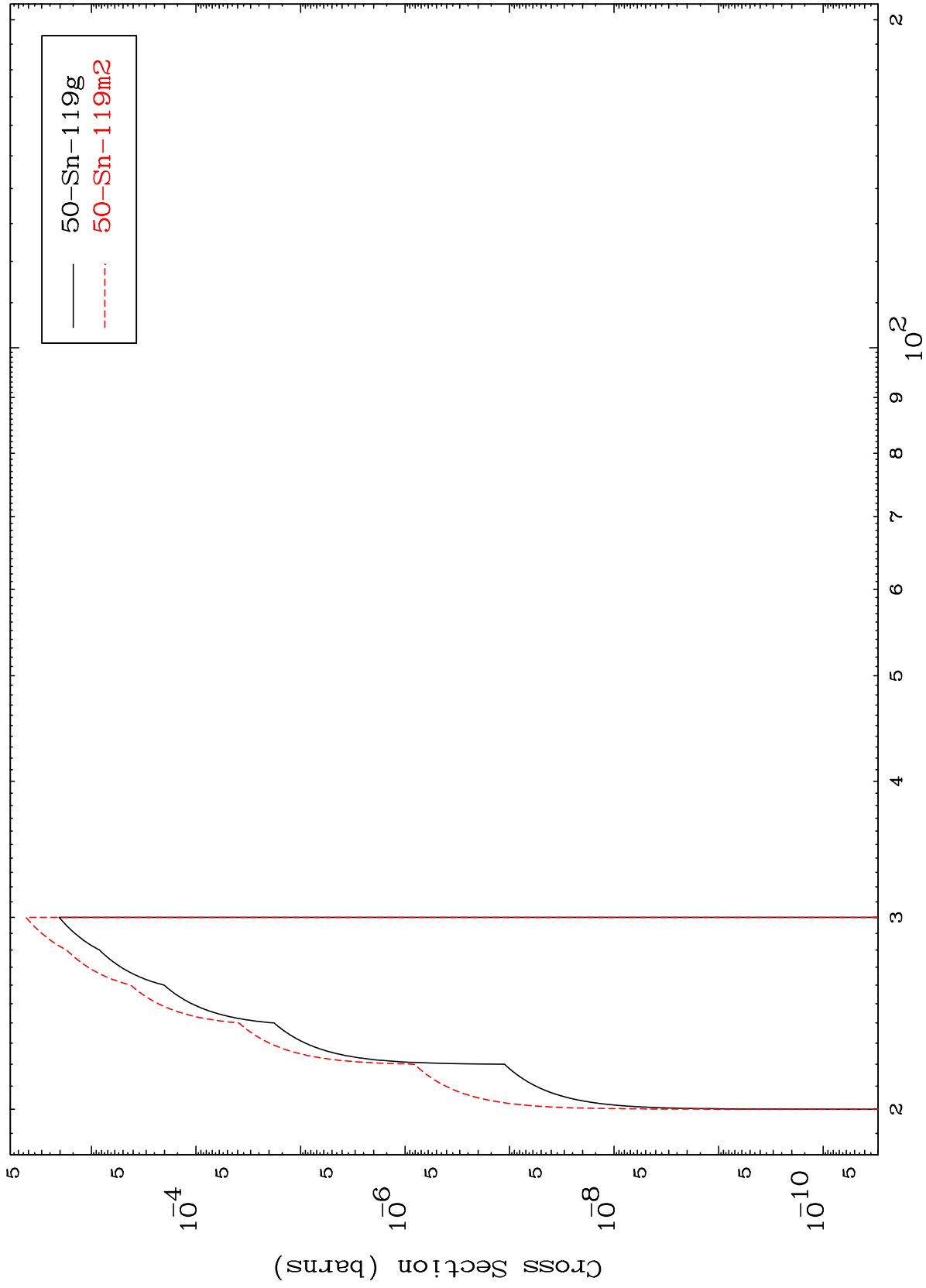
49-In-118

MAT 4940

( $\alpha, 2n$ ) p

49-In-118

Radionuclide Production Cross Section



17

Incident Energy (MeV)

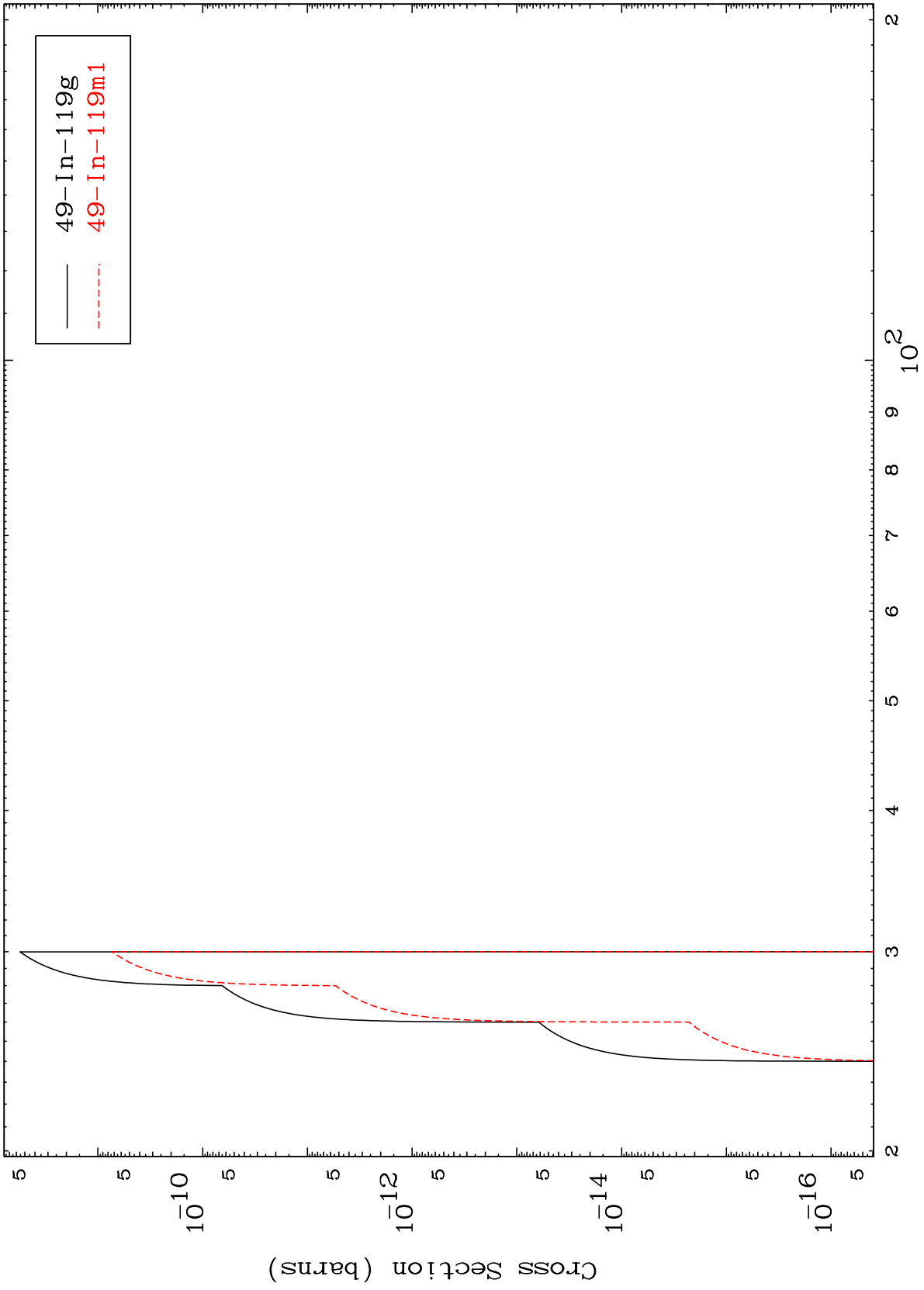
49-In-118

MAT 4940

( $\alpha, 2n$ ) p

49-In-118

Radionuclide Production Cross Section



18

Incident Energy (MeV)

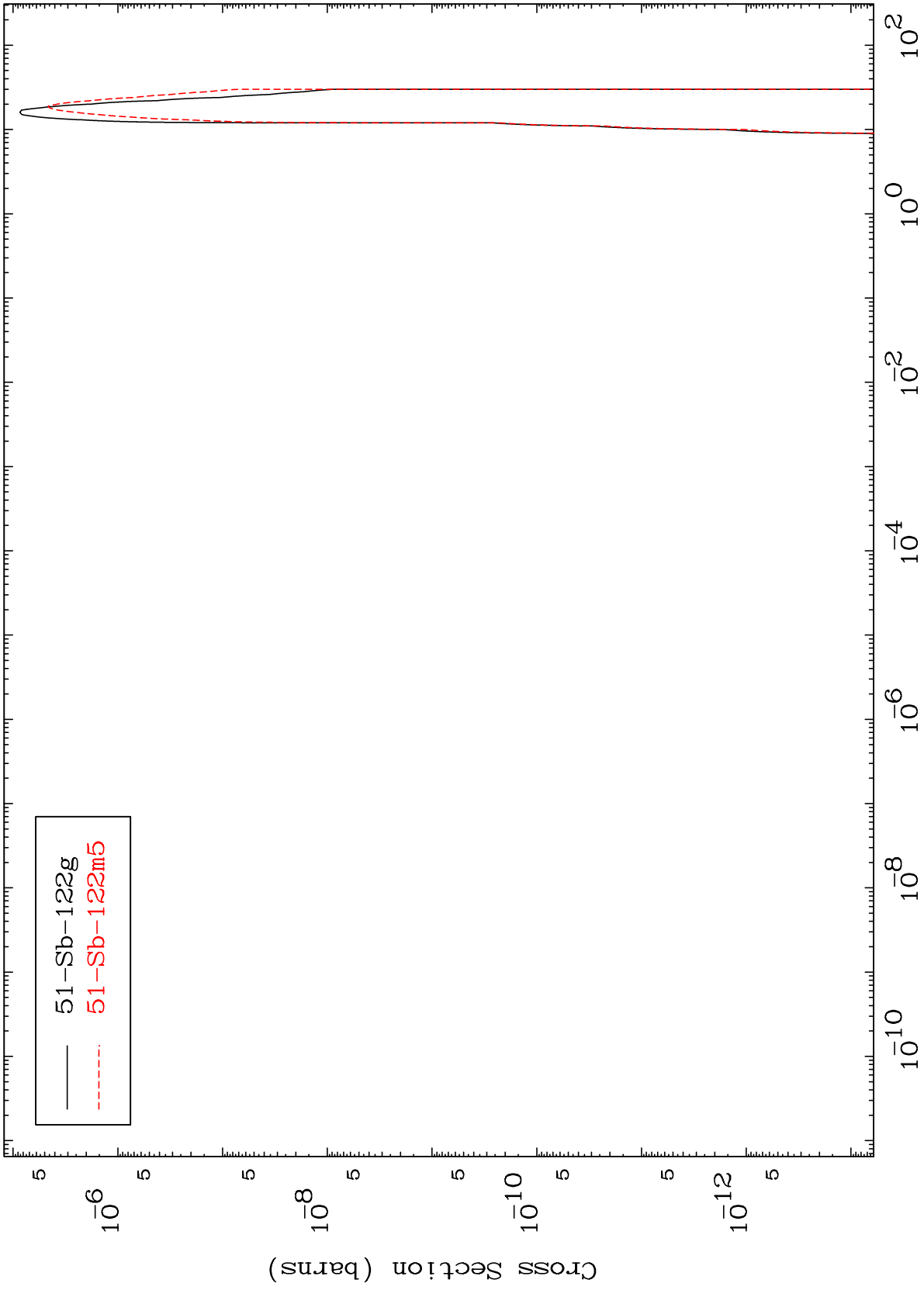
49-In-118

MAT 4940

( $\alpha, \gamma$ )

49-In-118

Radionuclide Production Cross Section



19

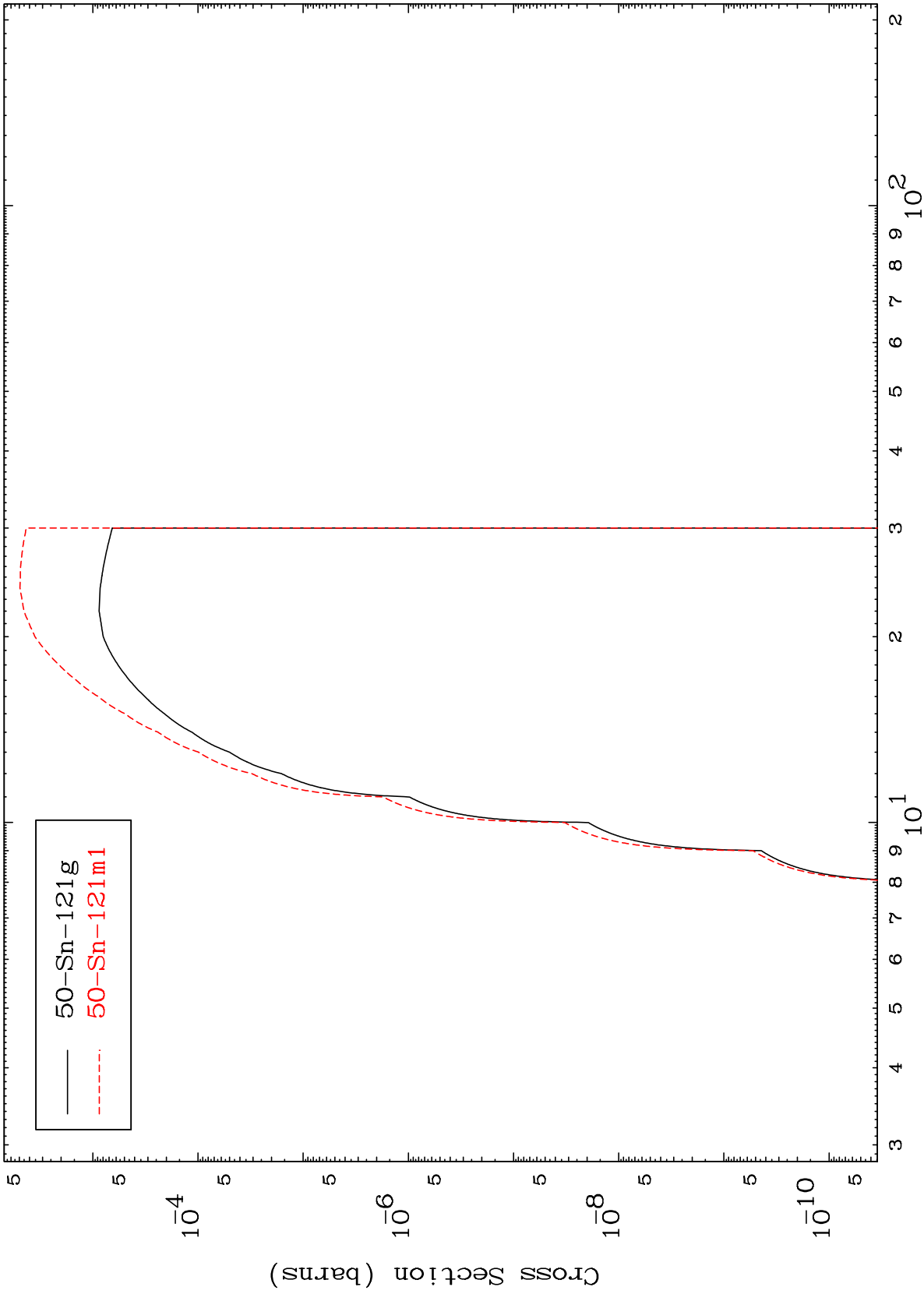
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

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



20

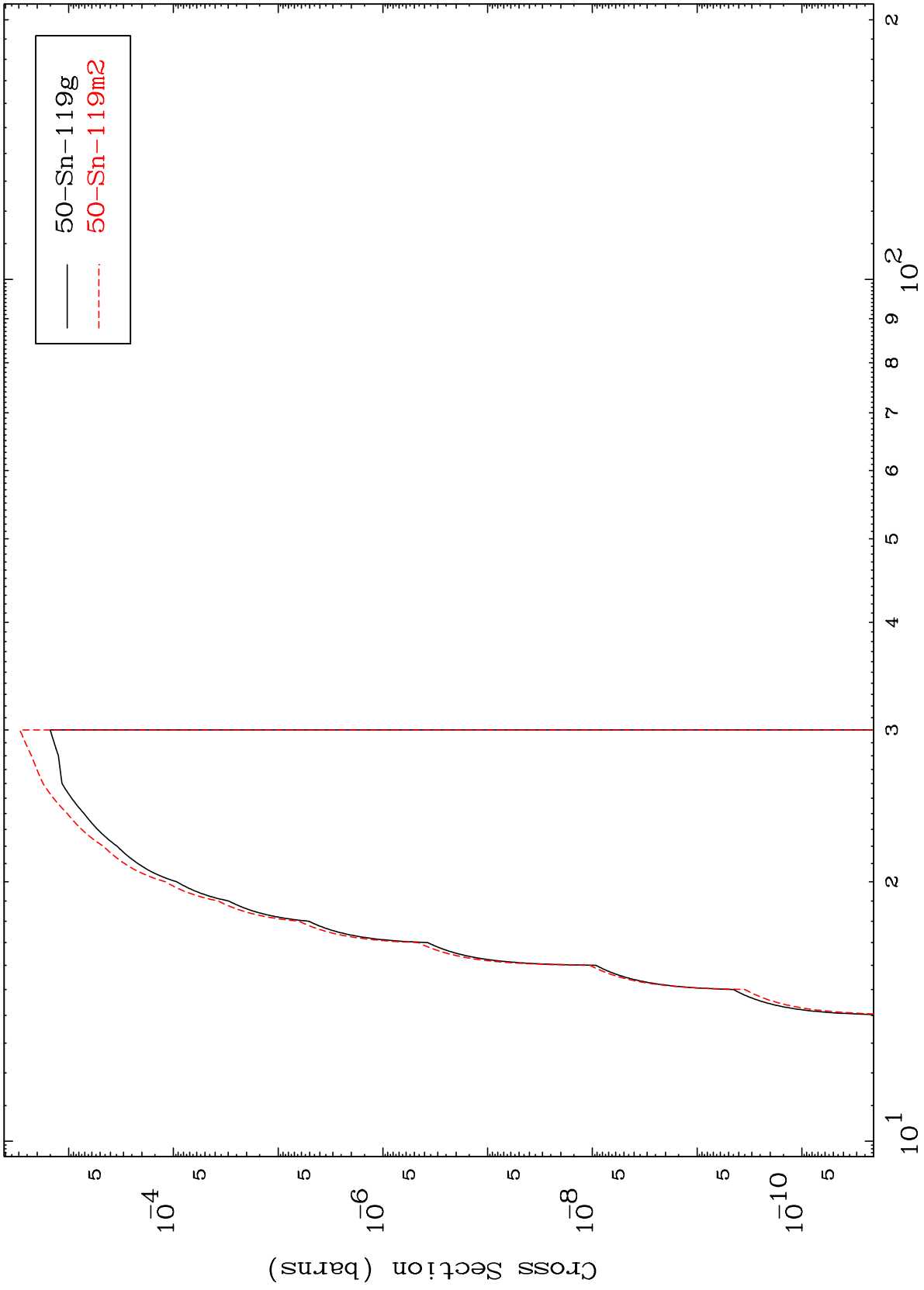
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

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



21

Incident Energy (MeV)

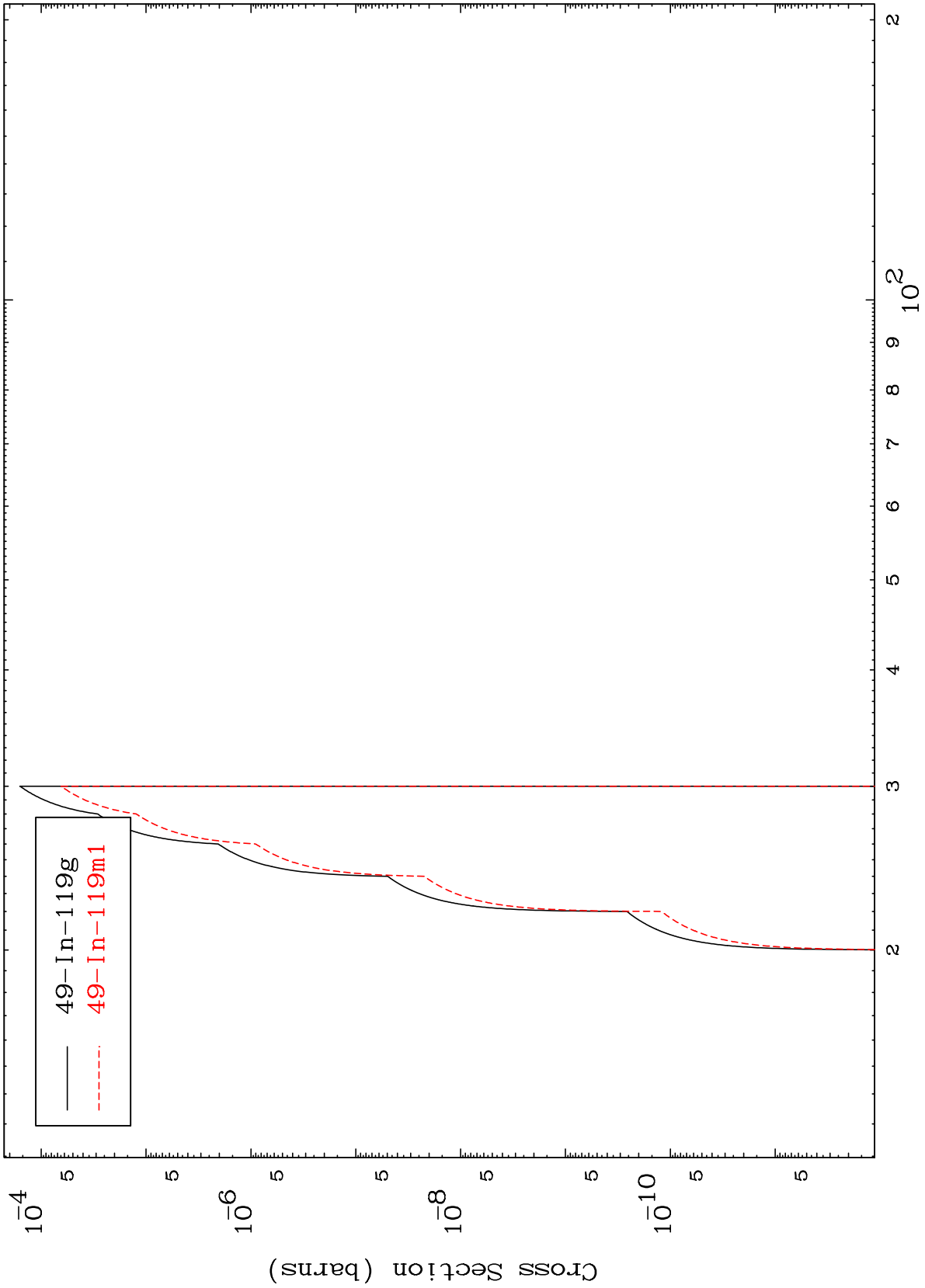
49-In-118

MAT 4940

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

49-In-118

Radionuclide Production Cross Section



22

Incident Energy (MeV)

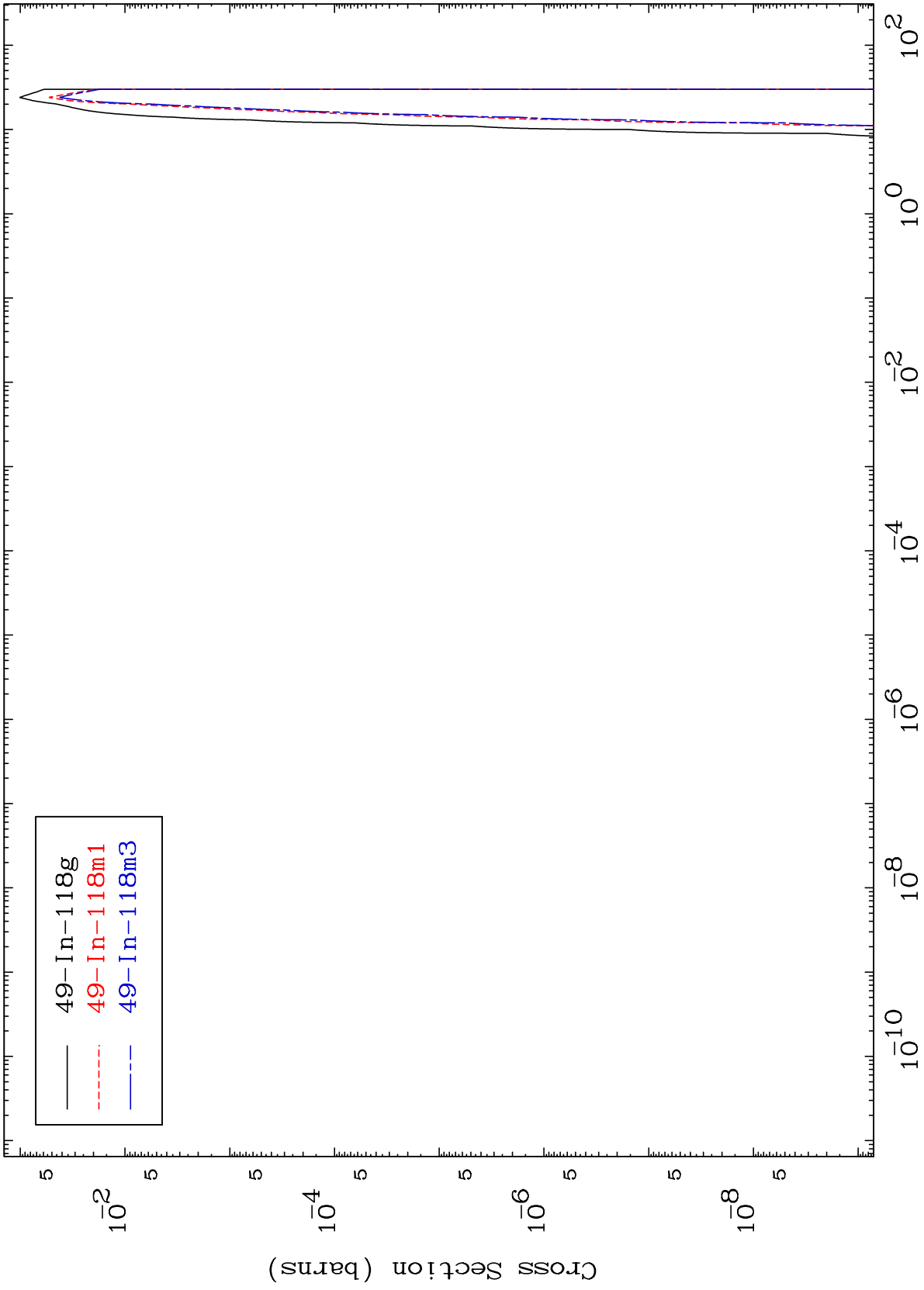
49-In-118

MAT 4940

( $\alpha, \alpha$ )

49-In-118

Radionuclide Production Cross Section



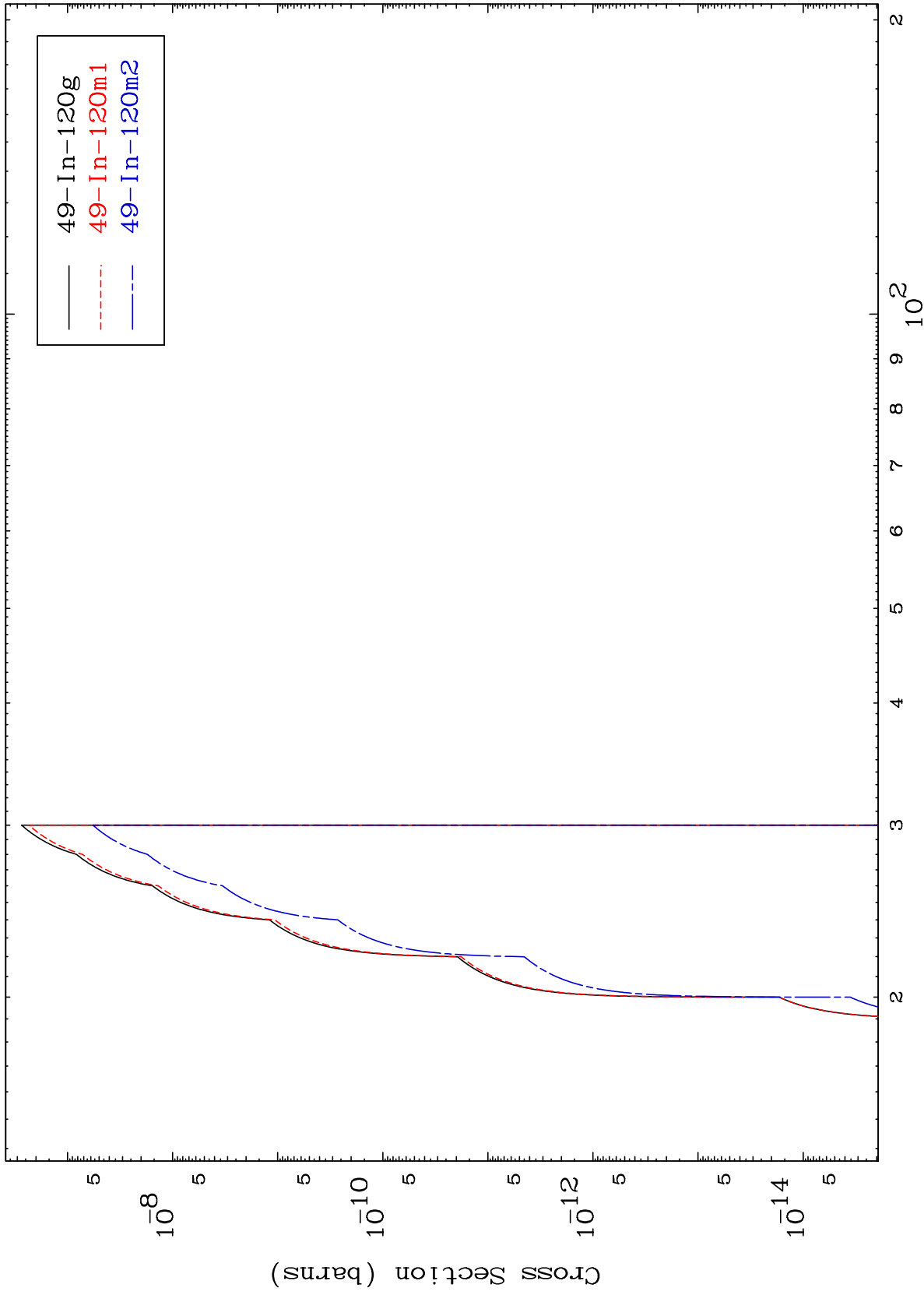
49-In-118g  
49-In-118m1  
49-In-118m3



MAT 4940

49-In-118

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



24

49-In-118

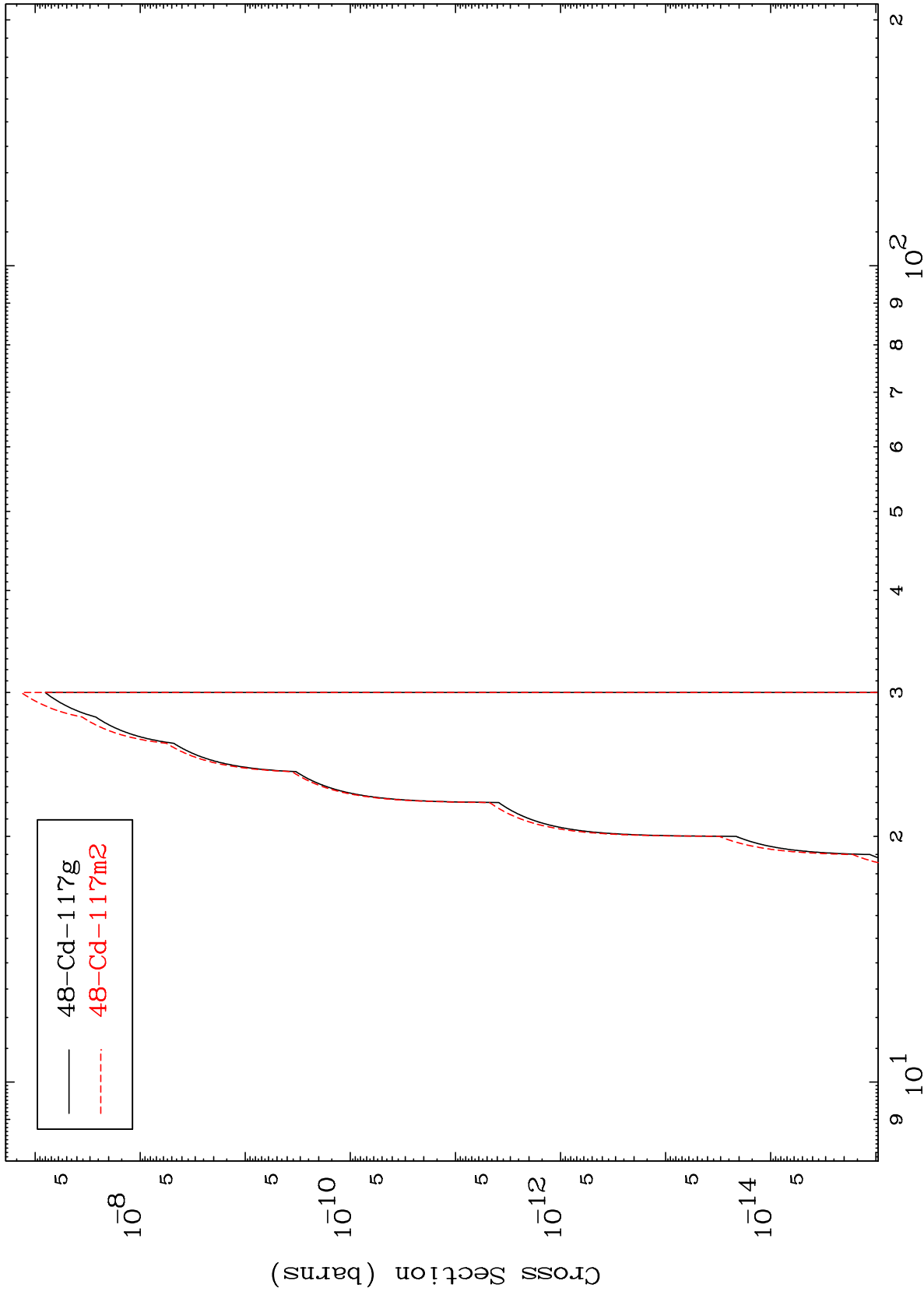
Incident Energy (MeV)

MAT 4940

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

49-In-118

Radionuclide Production Cross Section



25

Incident Energy (MeV)

49-In-118