

Program EVALPLOT  
(Version 2018-1)

by

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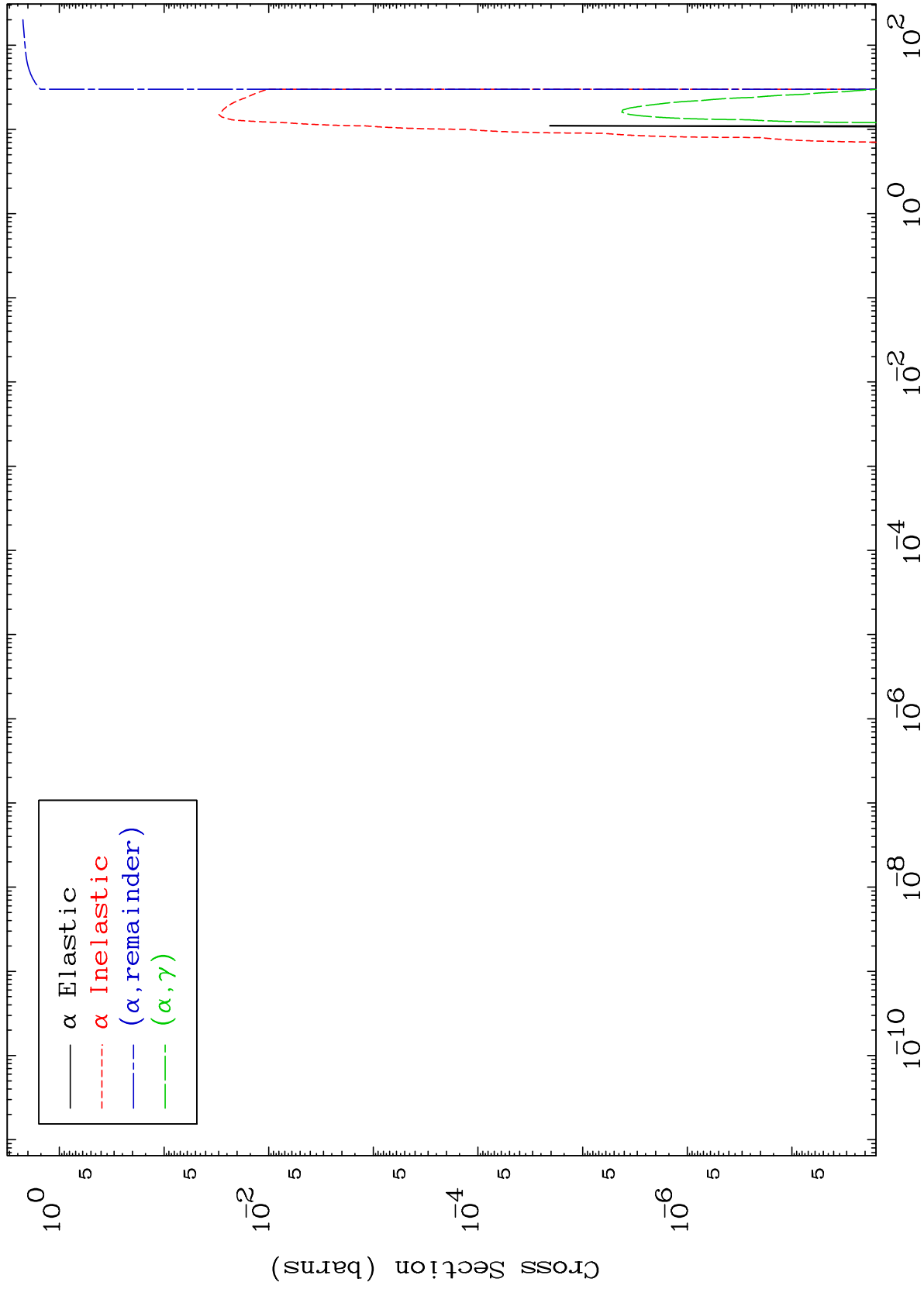
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4954

0 Kelvin  $\alpha$  Major  
Cross Sections

49-In-122



1

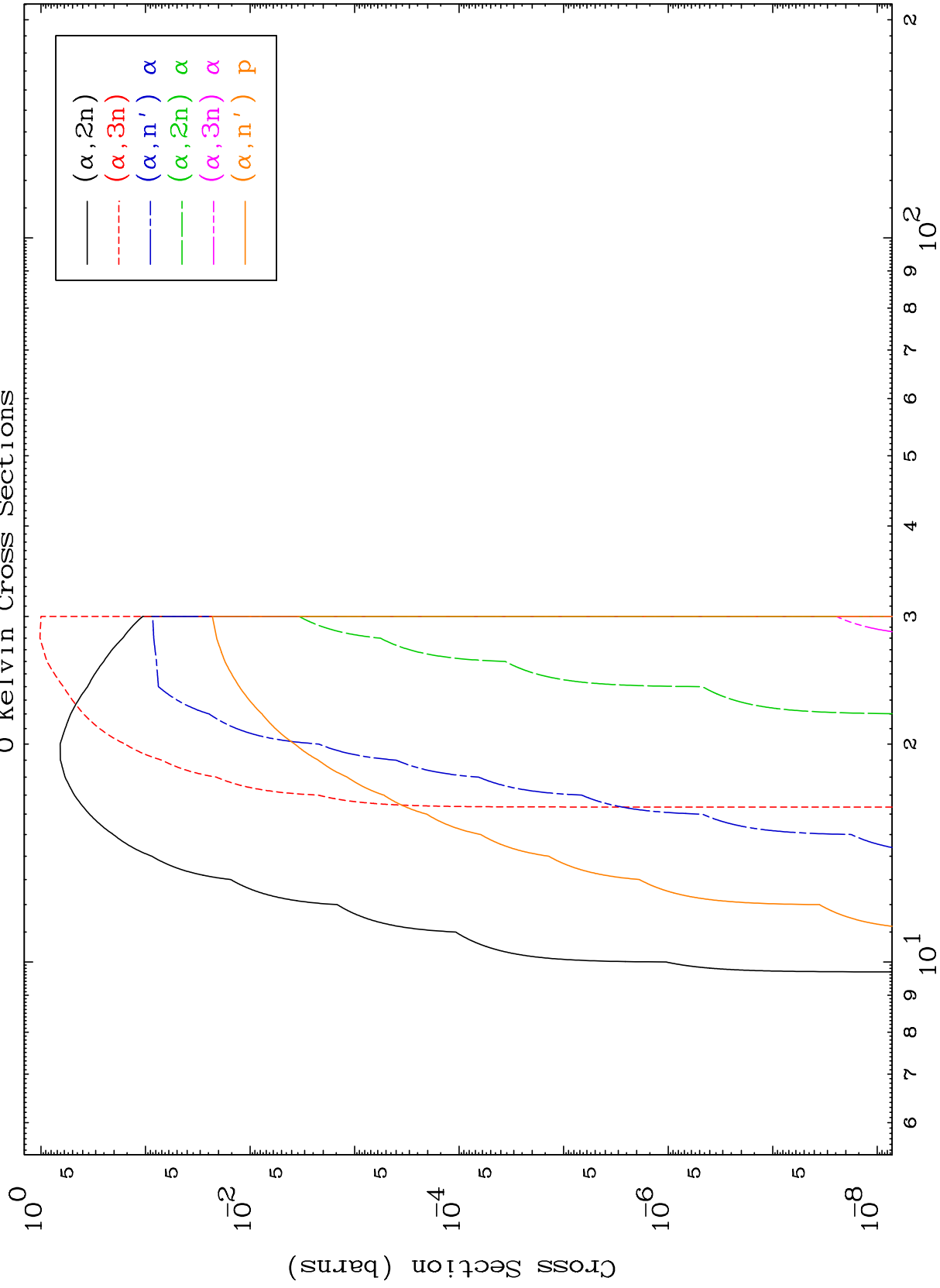
Incident Energy (MeV)

49-In-122

MAT 4954

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

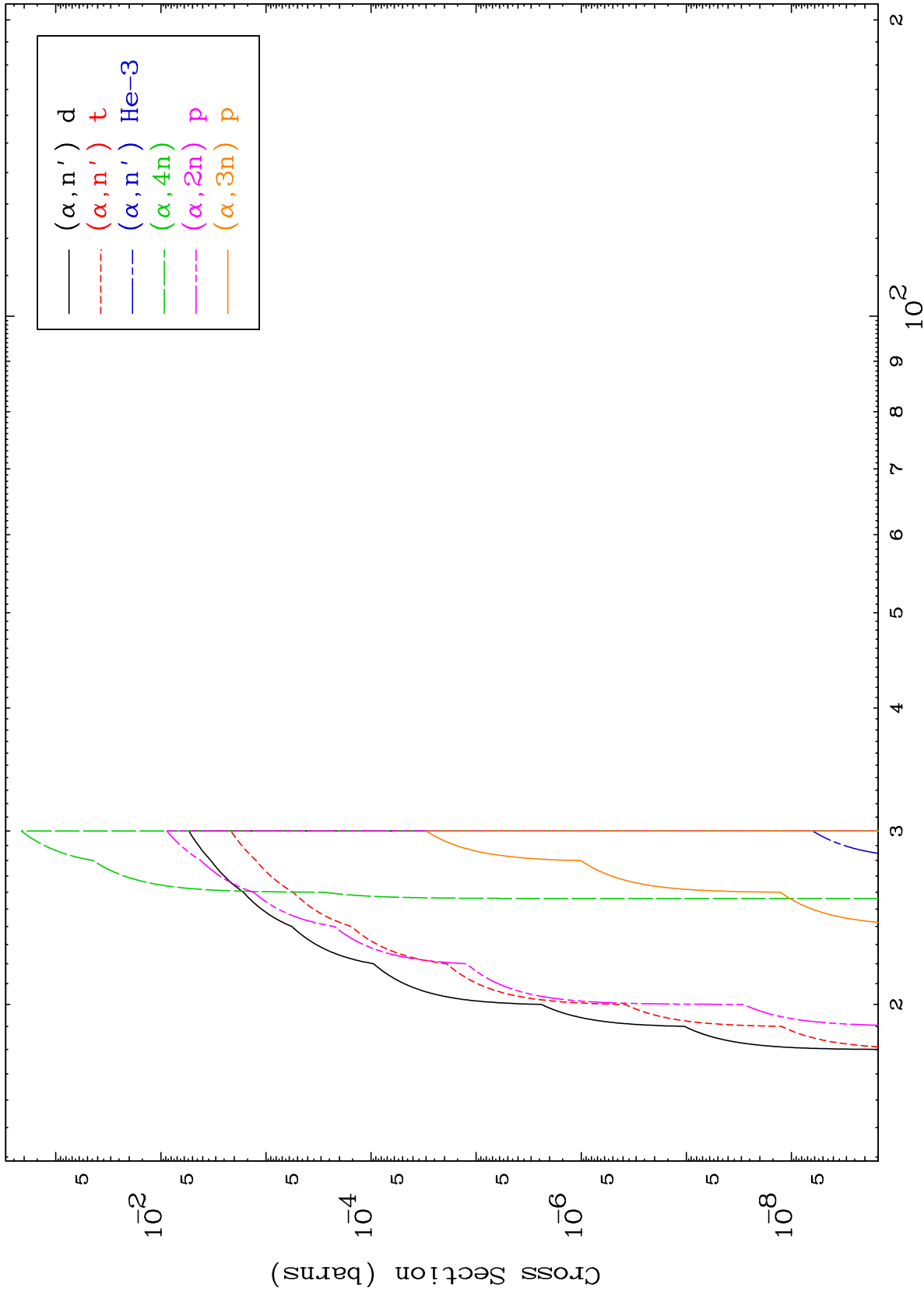
49-In-122

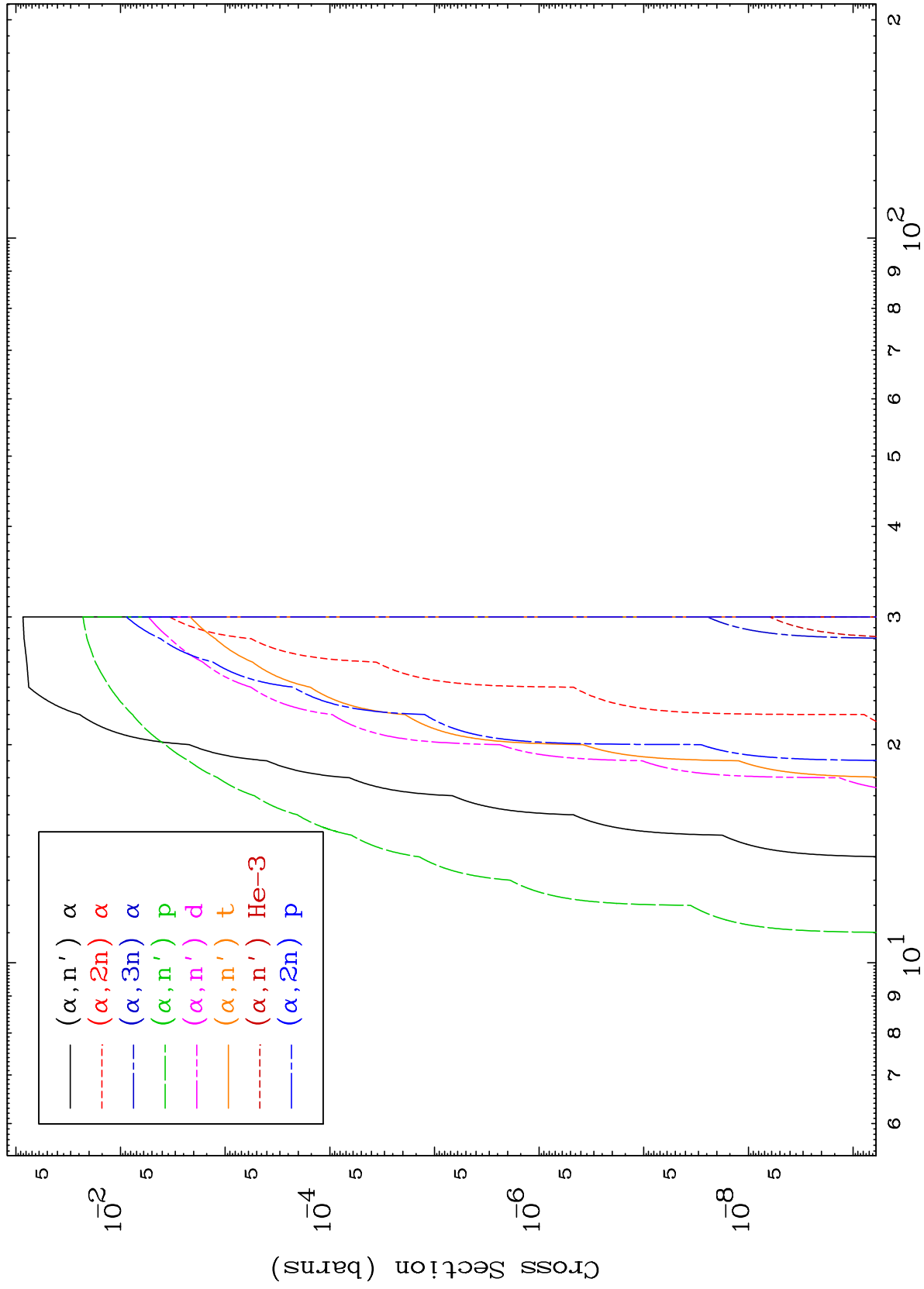


2

Incident Energy (MeV)

49-In-122

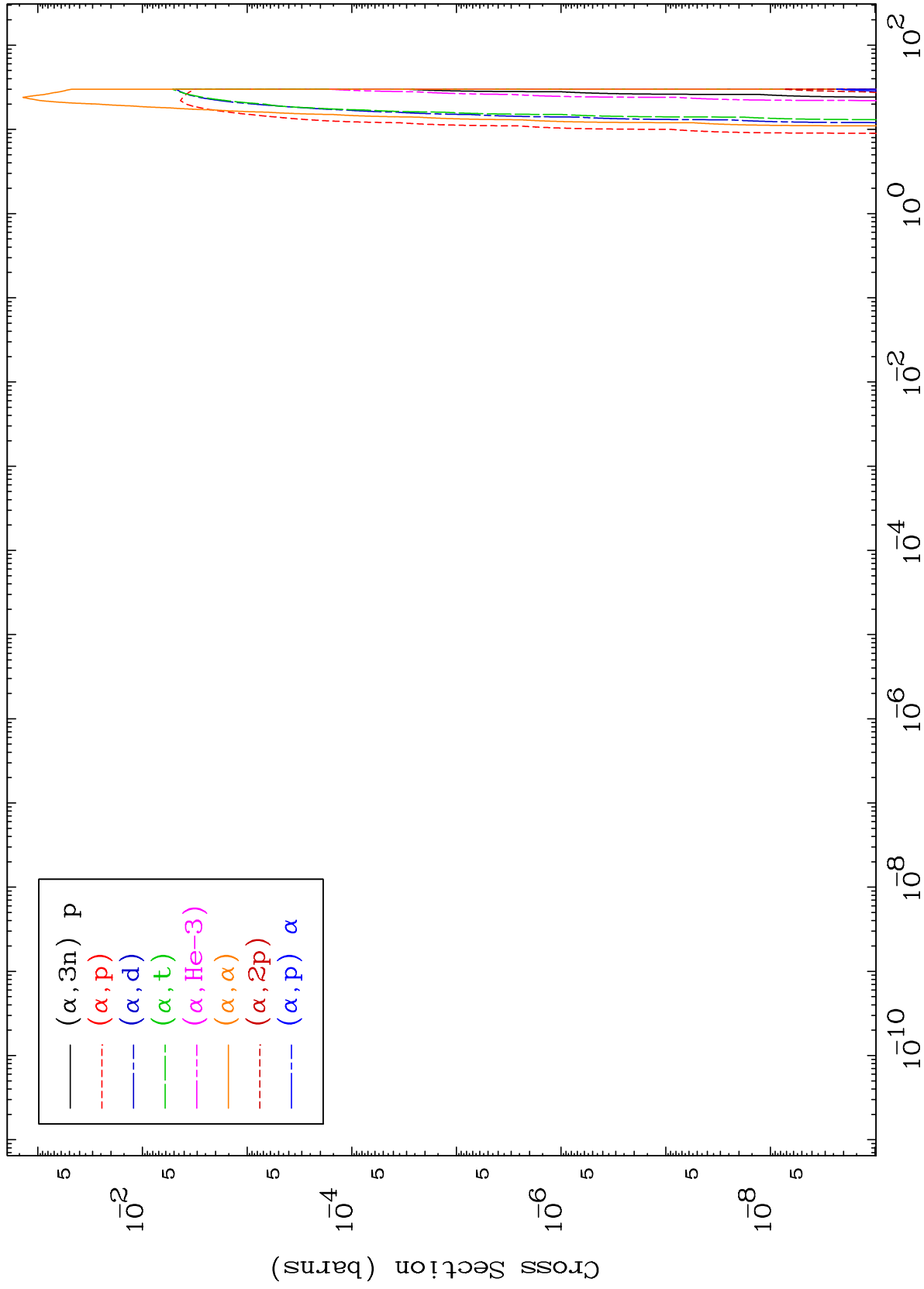




MAT 4954

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

49-In-122



5

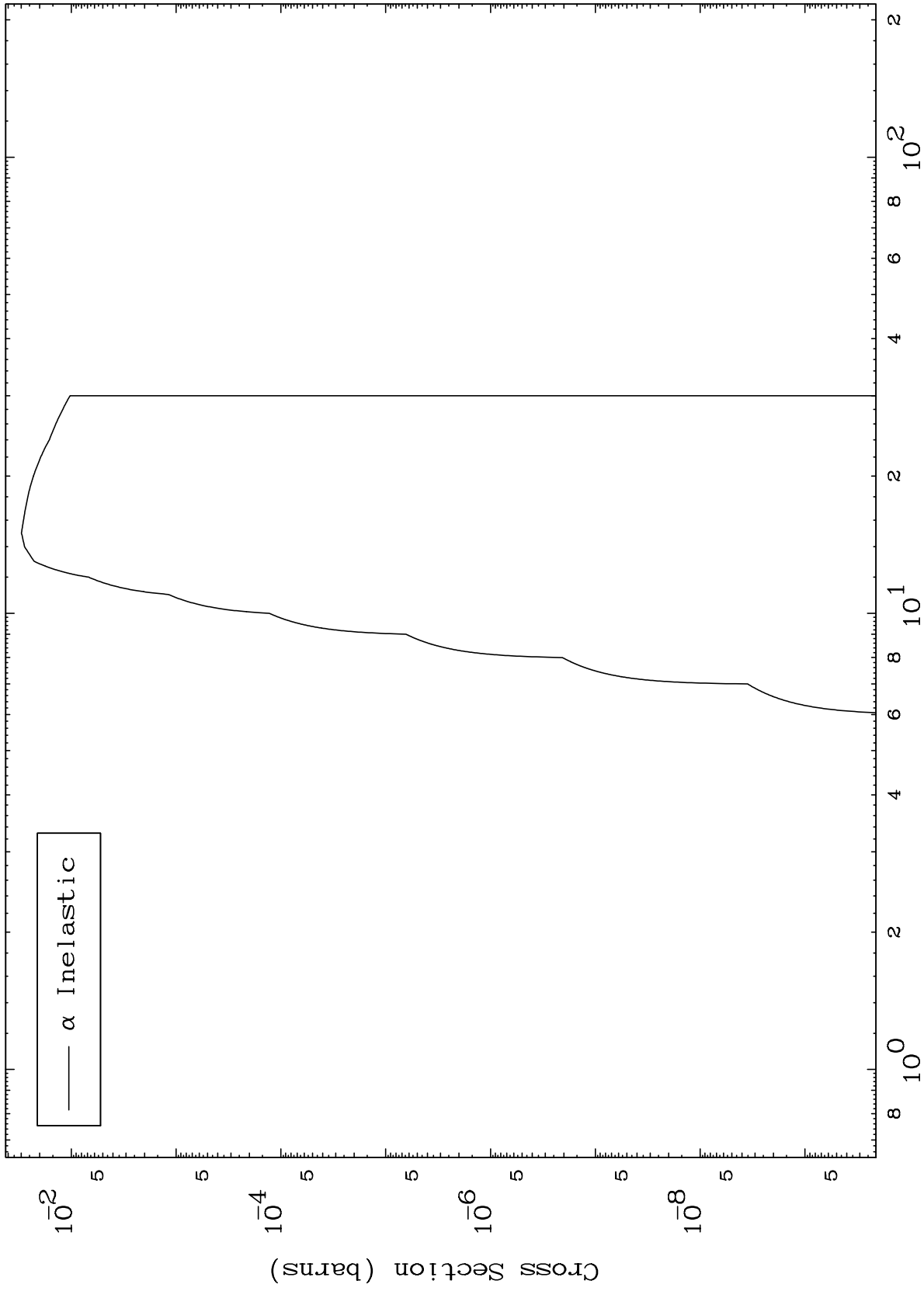
Incident Energy (MeV)

49-In-122

MAT 4954

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

49-In-122



6

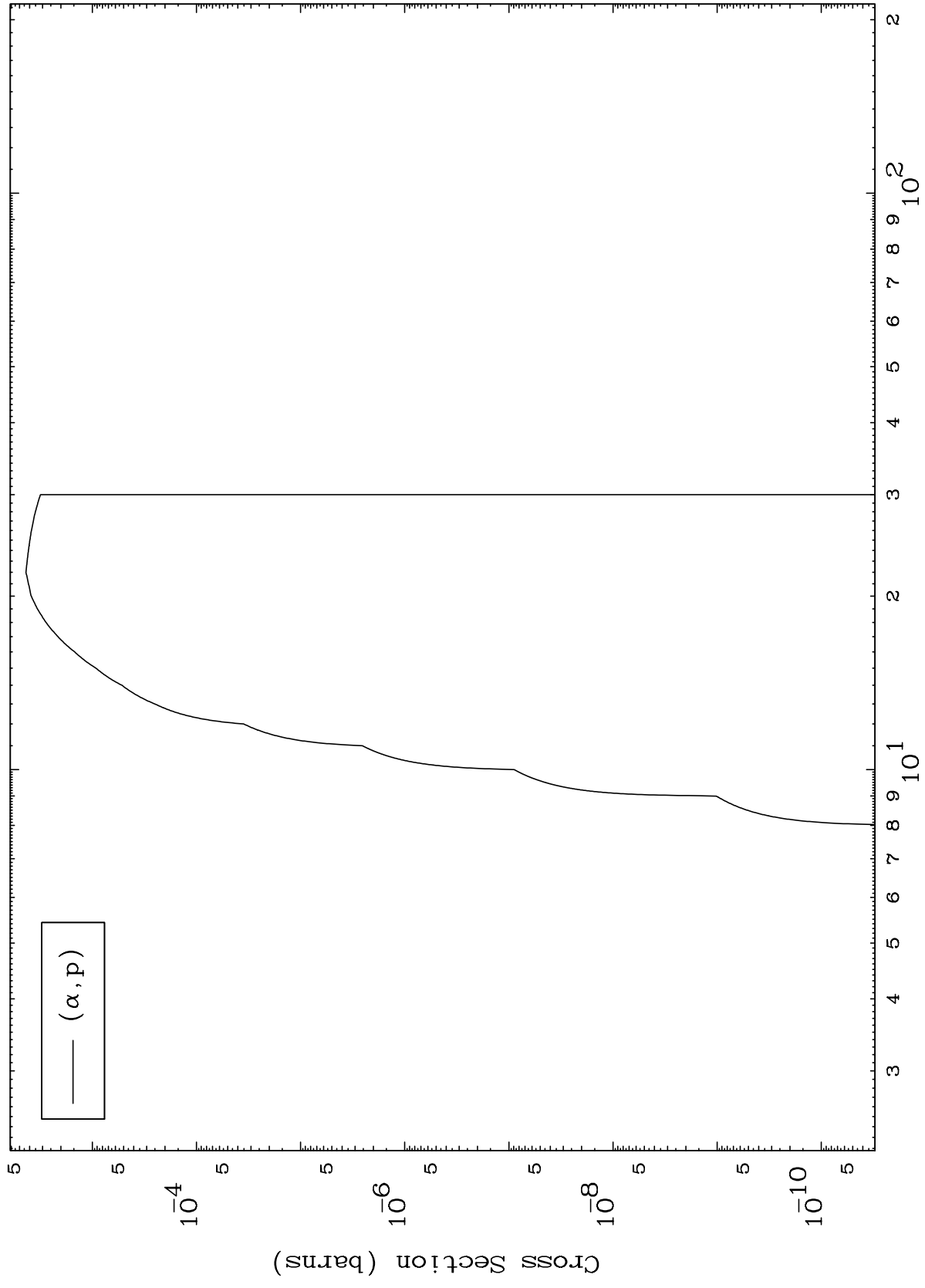
Incident Energy (MeV)

49-In-122

MAT 4954

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

49-In-122



7

Incident Energy (MeV)

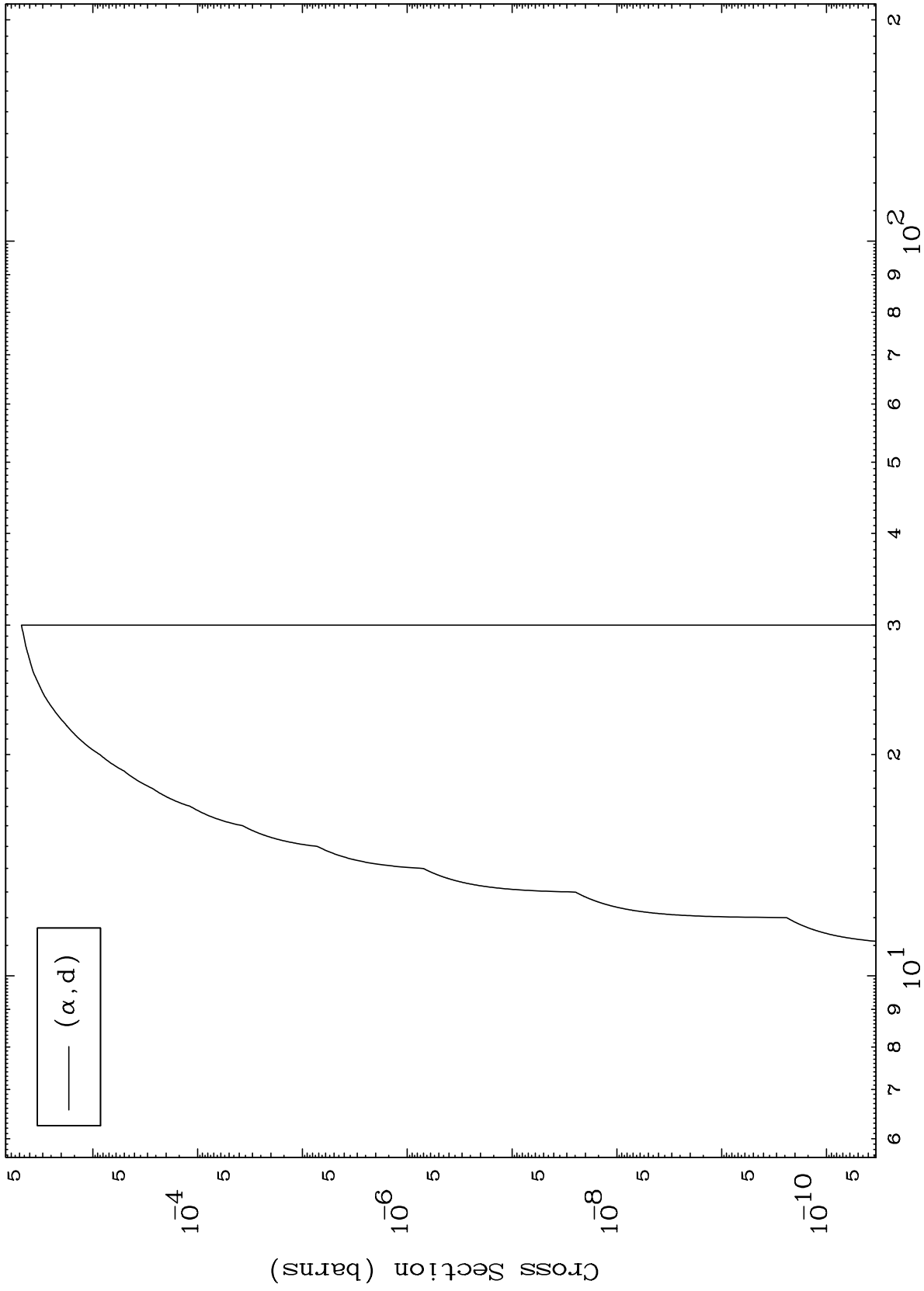
49-In-122



MAT 4954

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

49-In-122



8

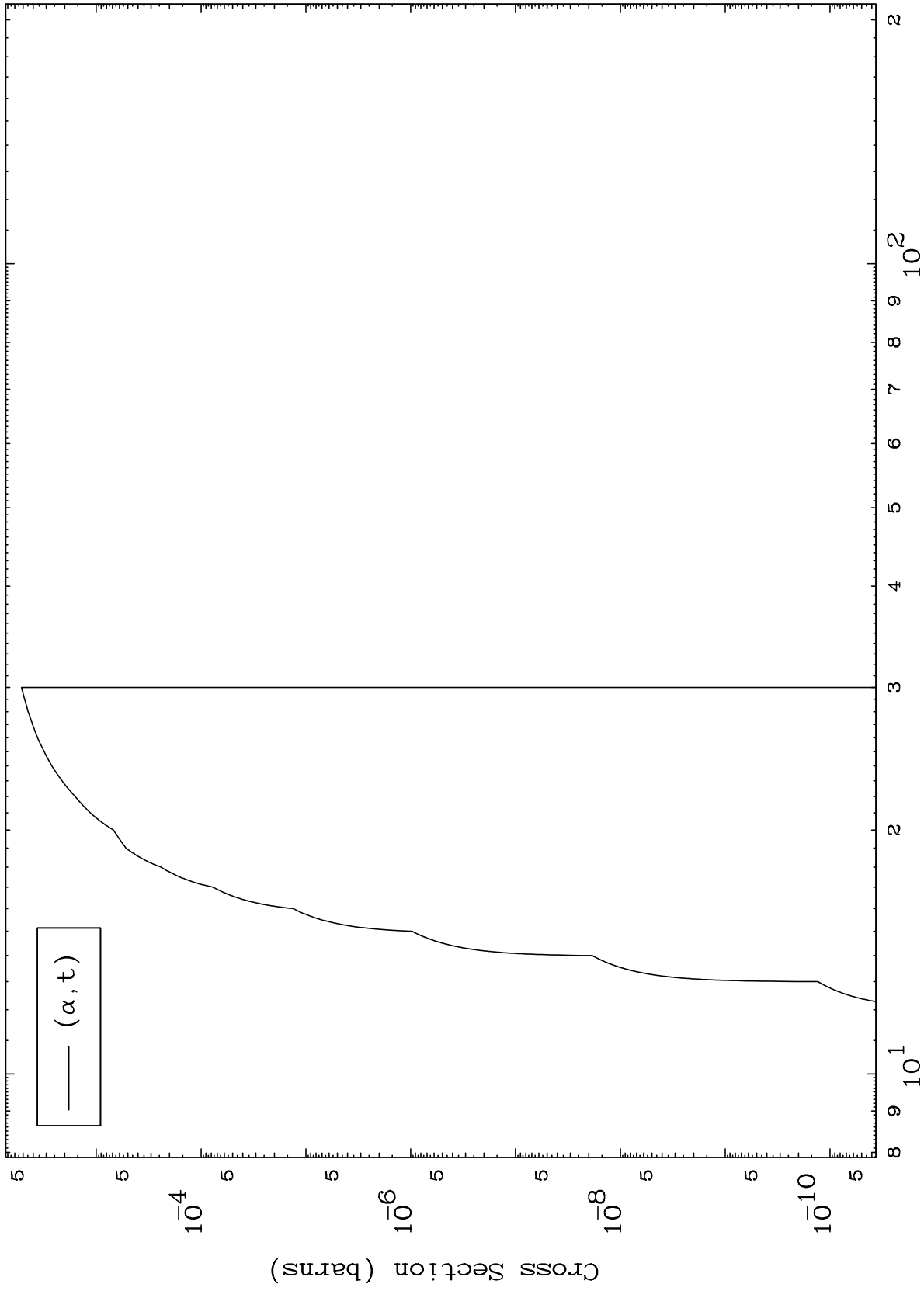
Incident Energy (MeV)

49-In-122

MAT 4954

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

49-In-122



9

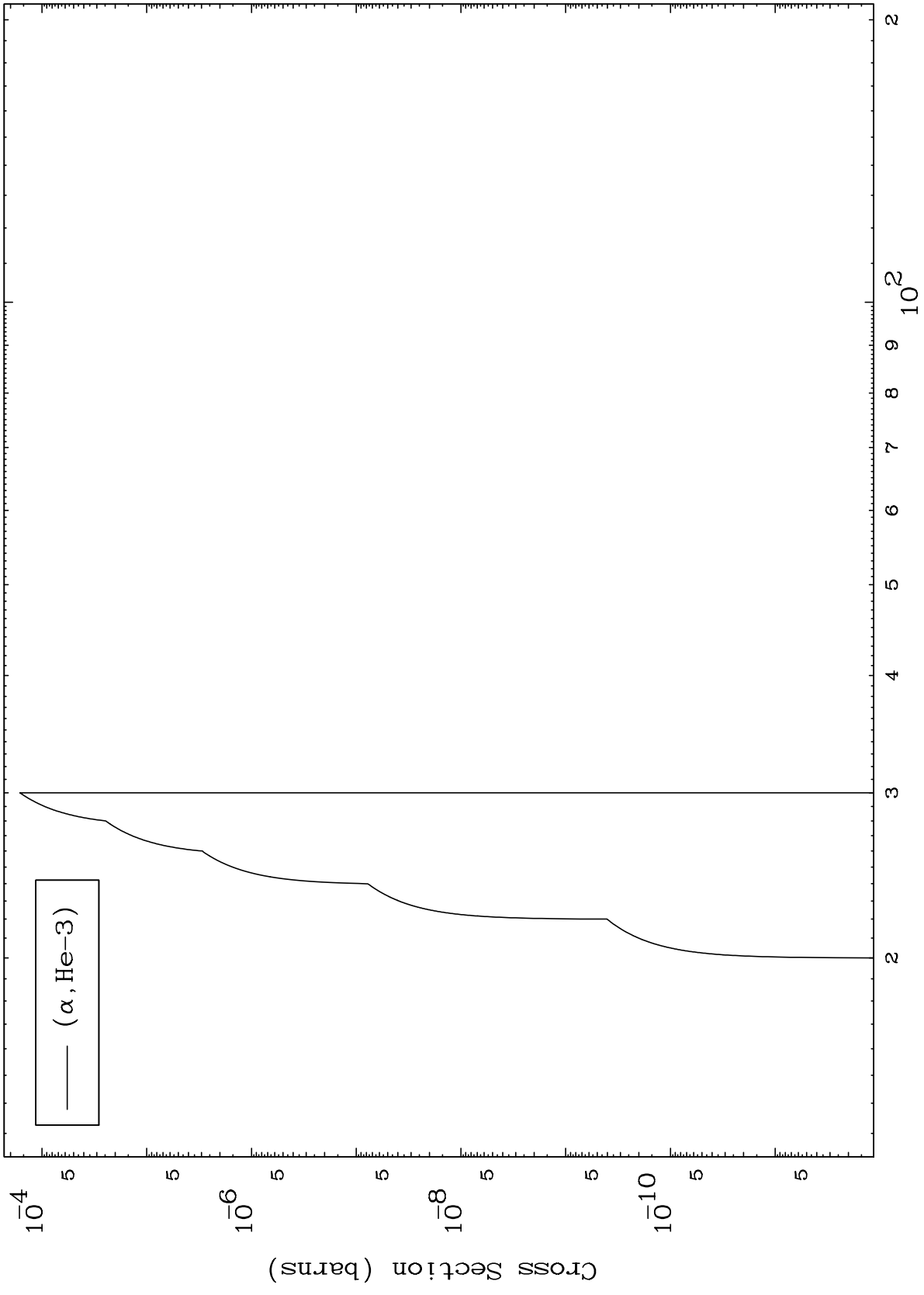
Incident Energy (MeV)

49-In-122

MAT 4954

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

49-In-122



10

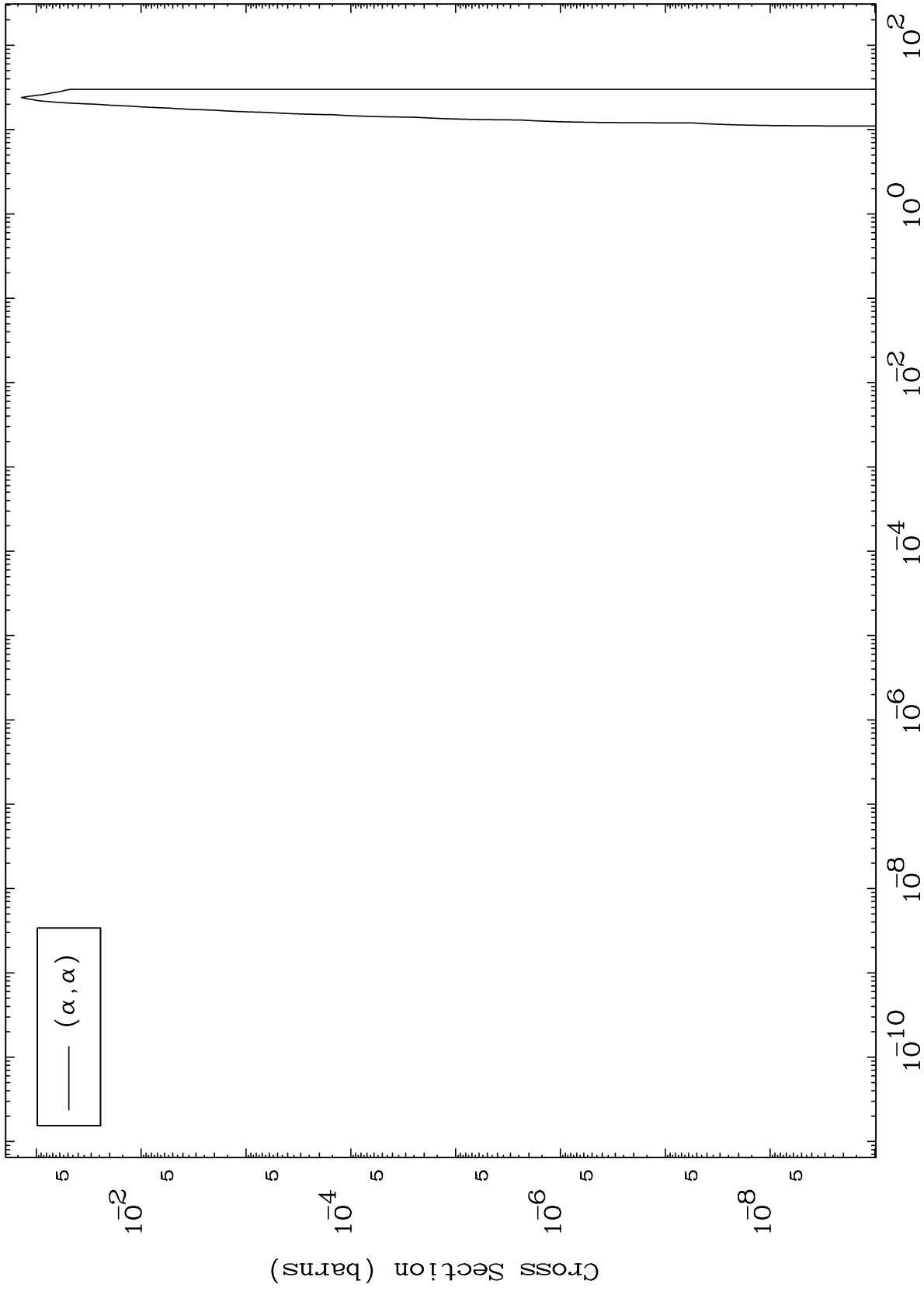
Incident Energy (MeV)

49-In-122

MAT 4954

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

49-In-122



11

Incident Energy (MeV)

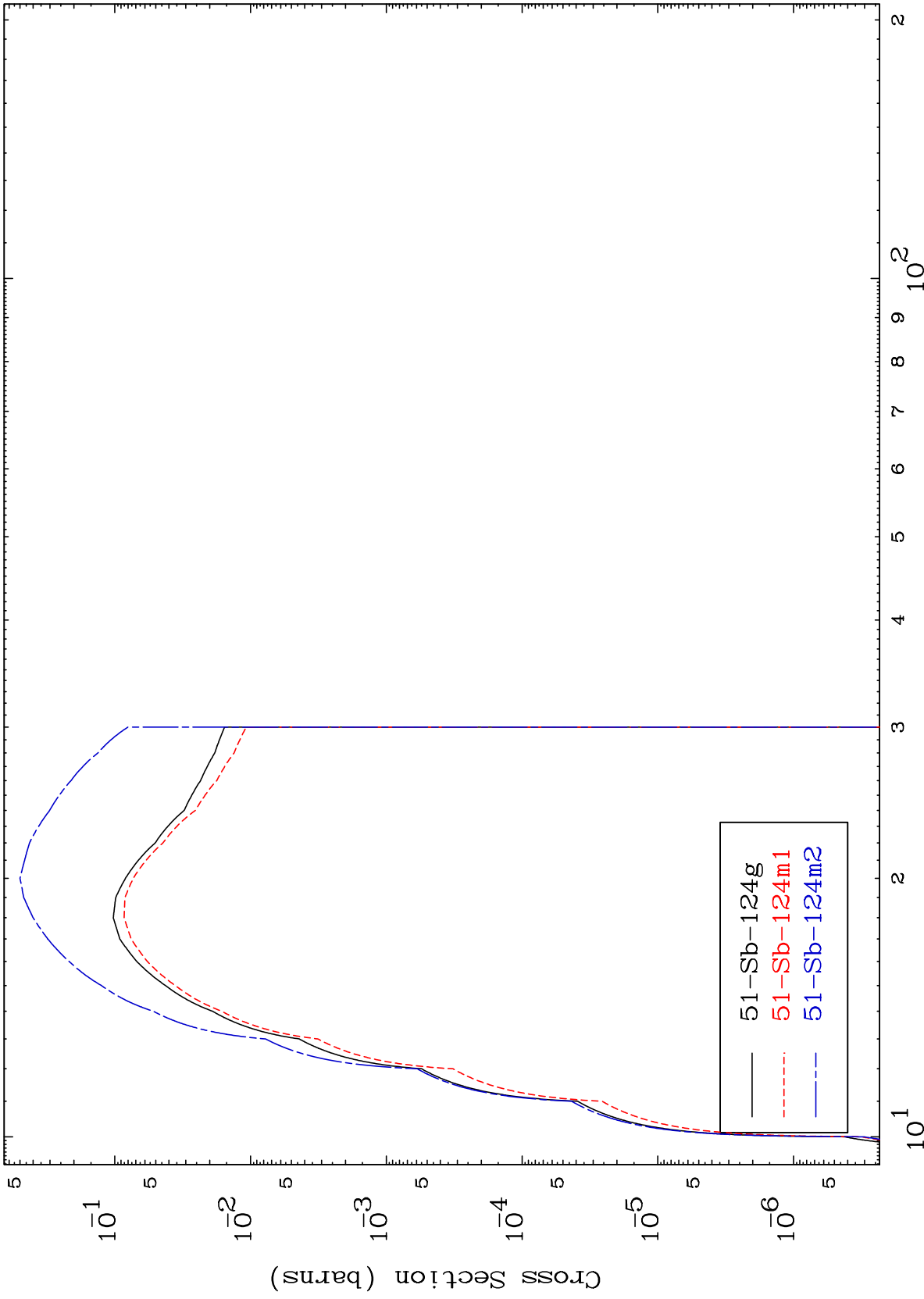
49-In-122

MAT 4954

49-In-122

Radionuclide Production Cross Section

( $\alpha, 2n$ )



12

Incident Energy (MeV)

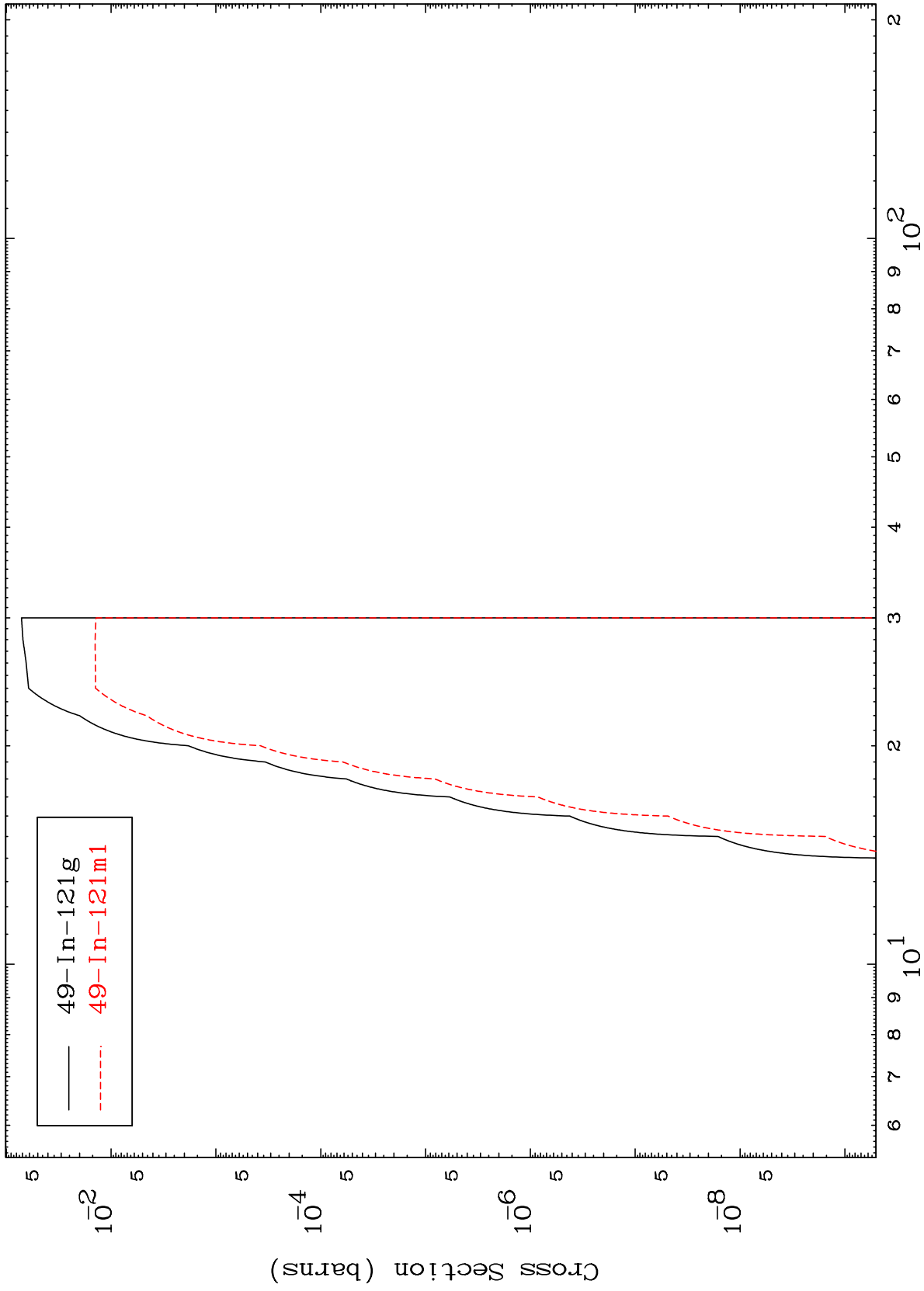
49-In-122

MAT 4954

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

49-In-122

Radionuclide Production Cross Section



13

Incident Energy (MeV)

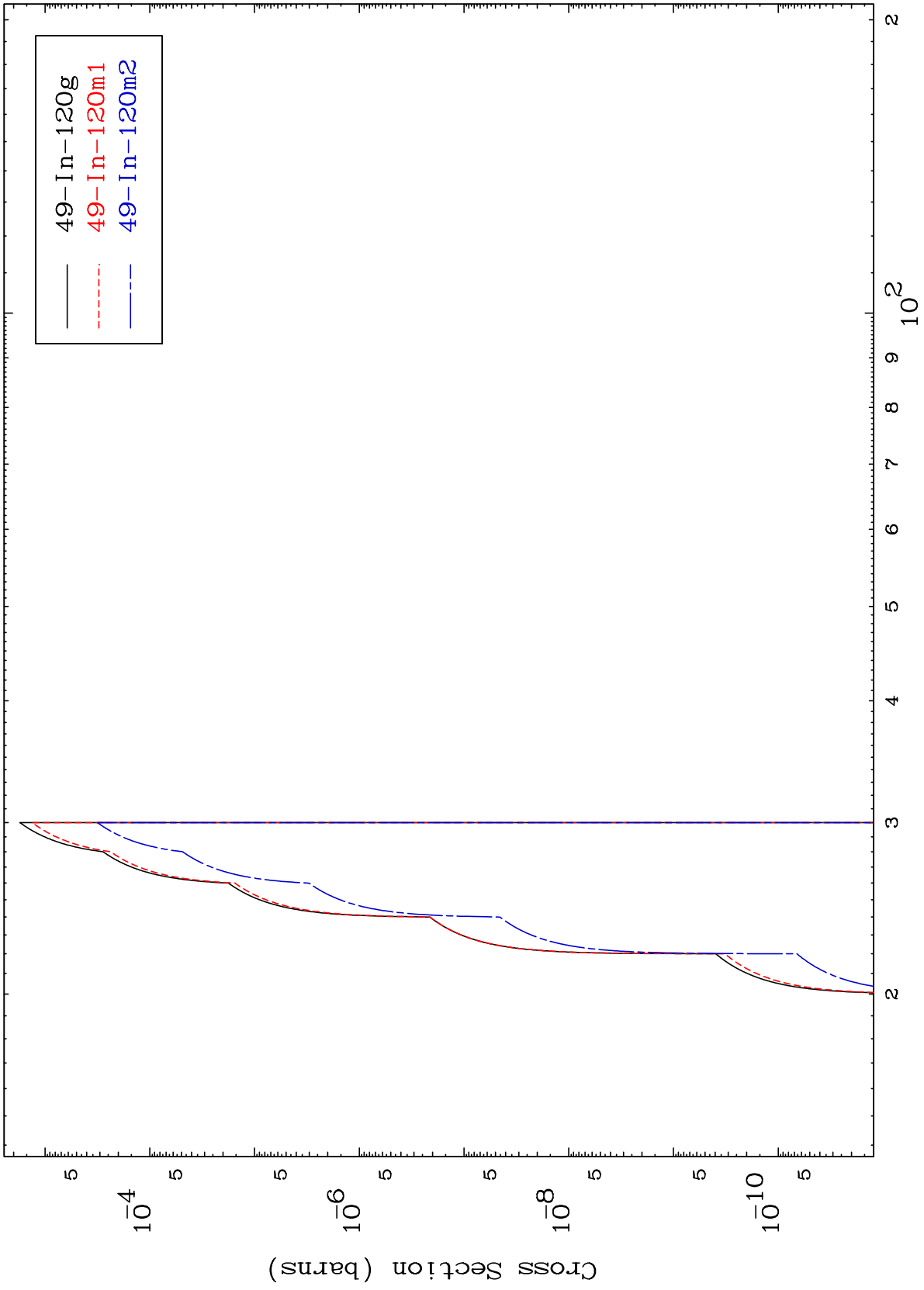
49-In-122

MAT 4954

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

49-In-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

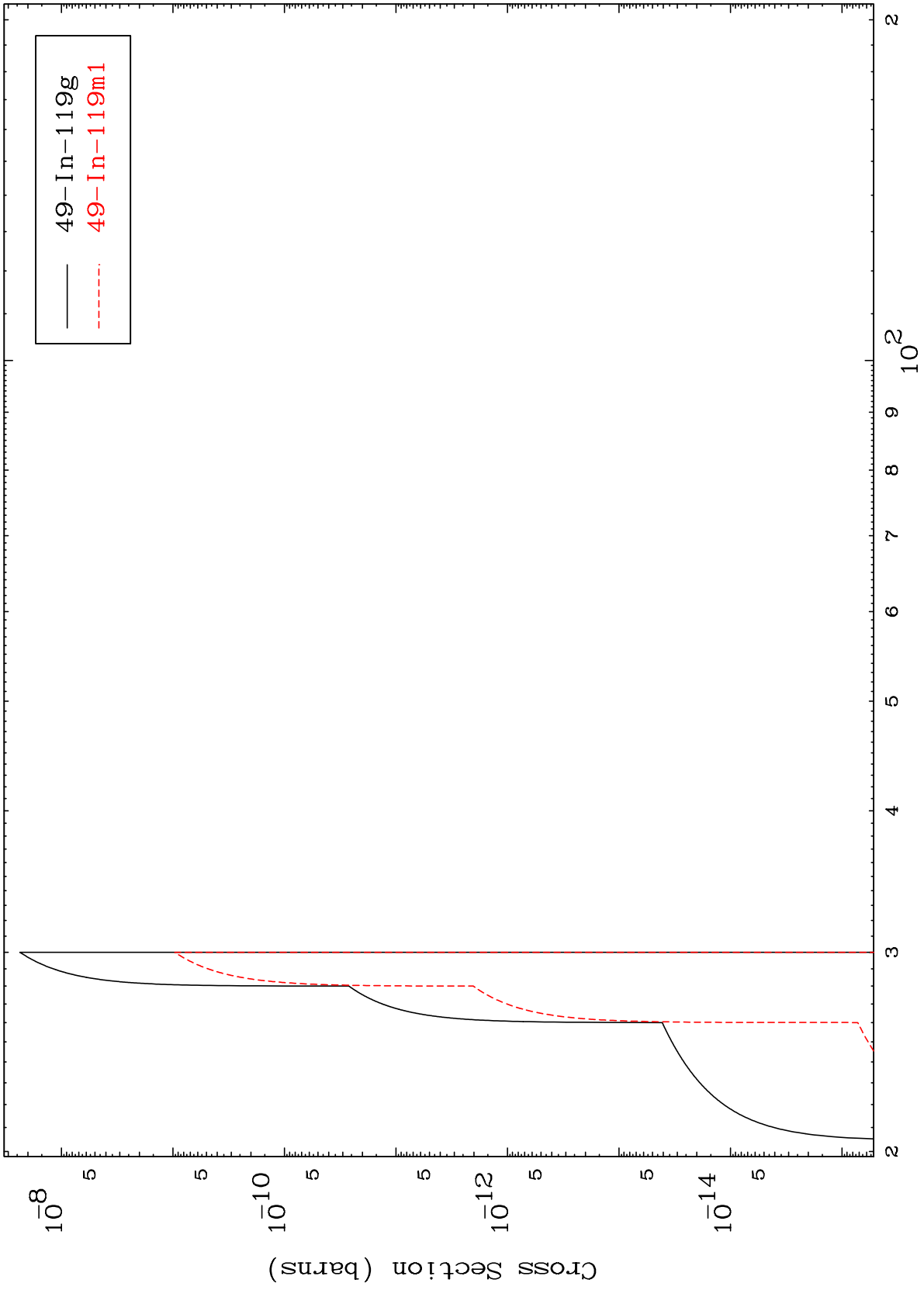
49-In-122

MAT 4954

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

49-In-122

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-122



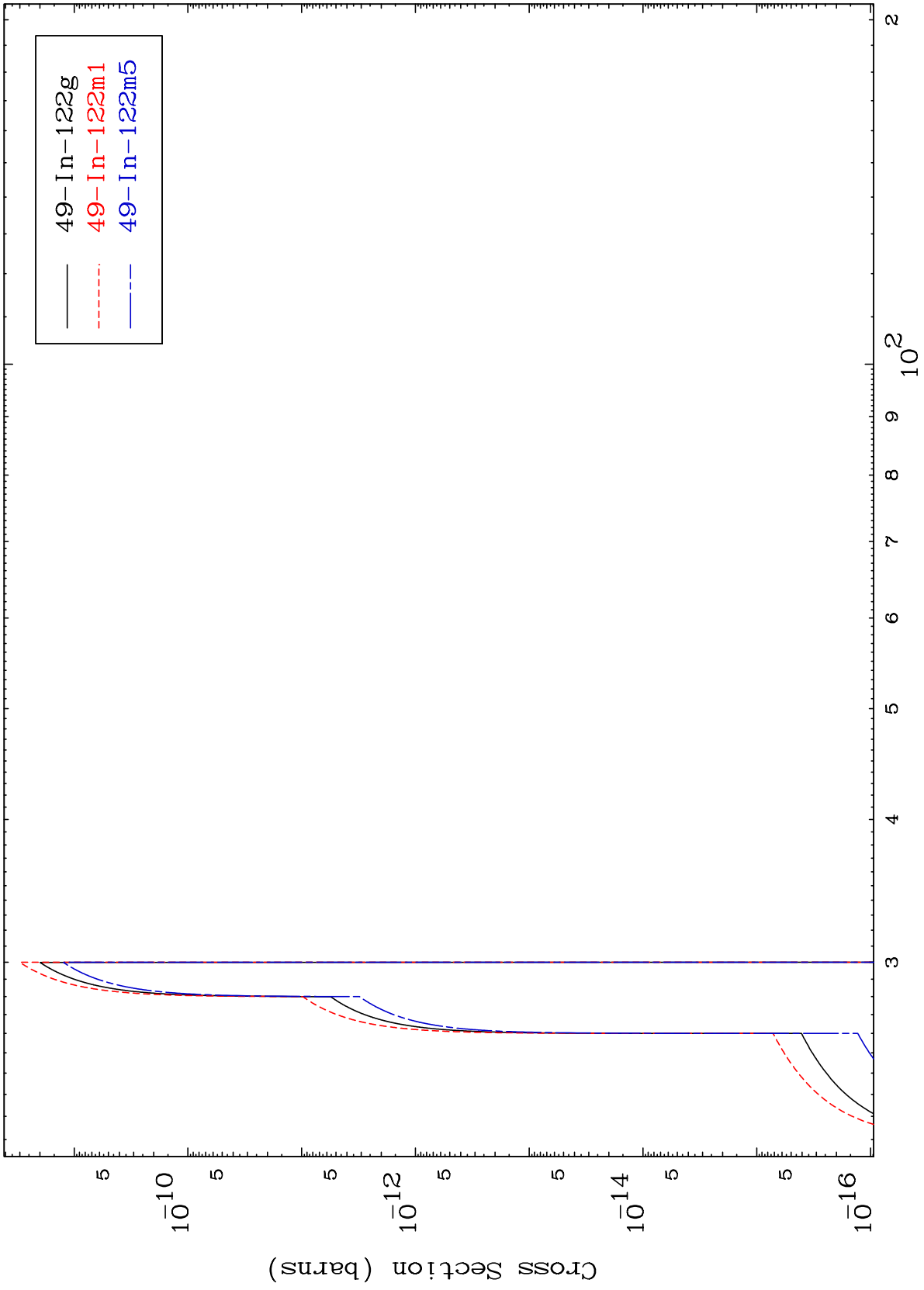


MAT 4954

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

49-In-122

Radionuclide Production Cross Section



17

Incident Energy (MeV)

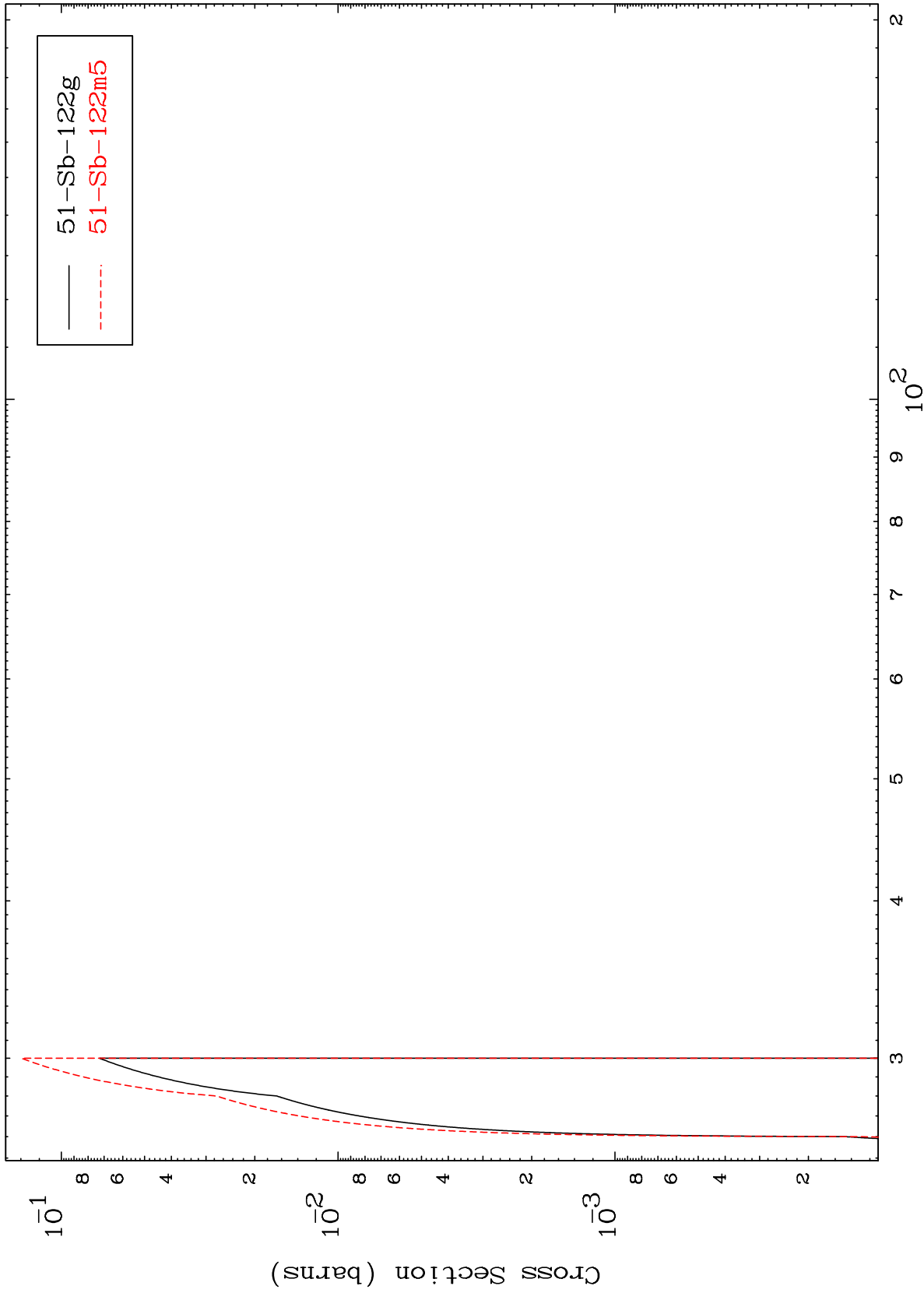
49-In-122

MAT 4954

( $\alpha, 4n$ )

49-In-122

Radionuclide Production Cross Section



18

Incident Energy (MeV)

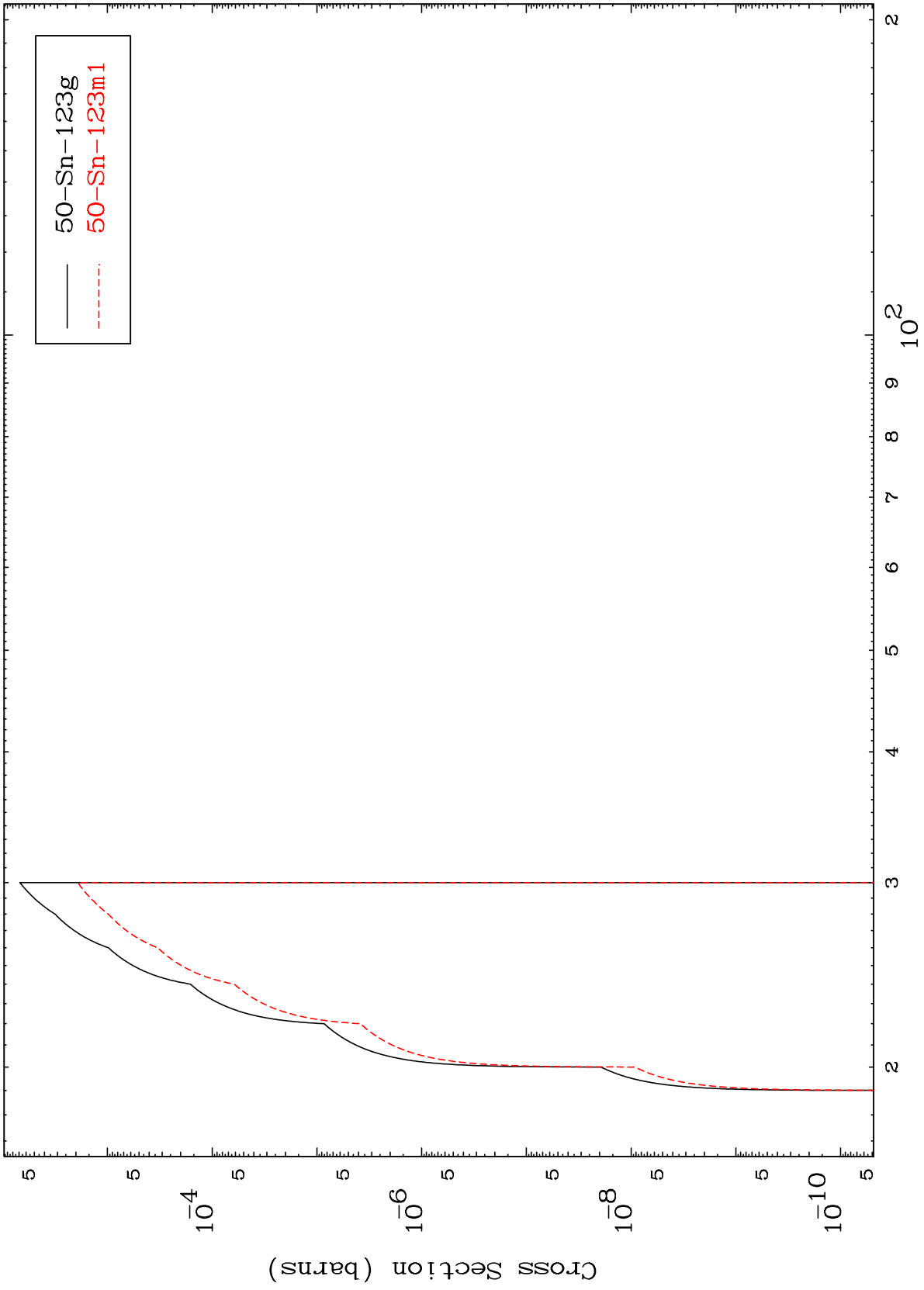
49-In-122

MAT 4954

( $\alpha, 2n$ ) p

49-In-122

Radionuclide Production Cross Section



19

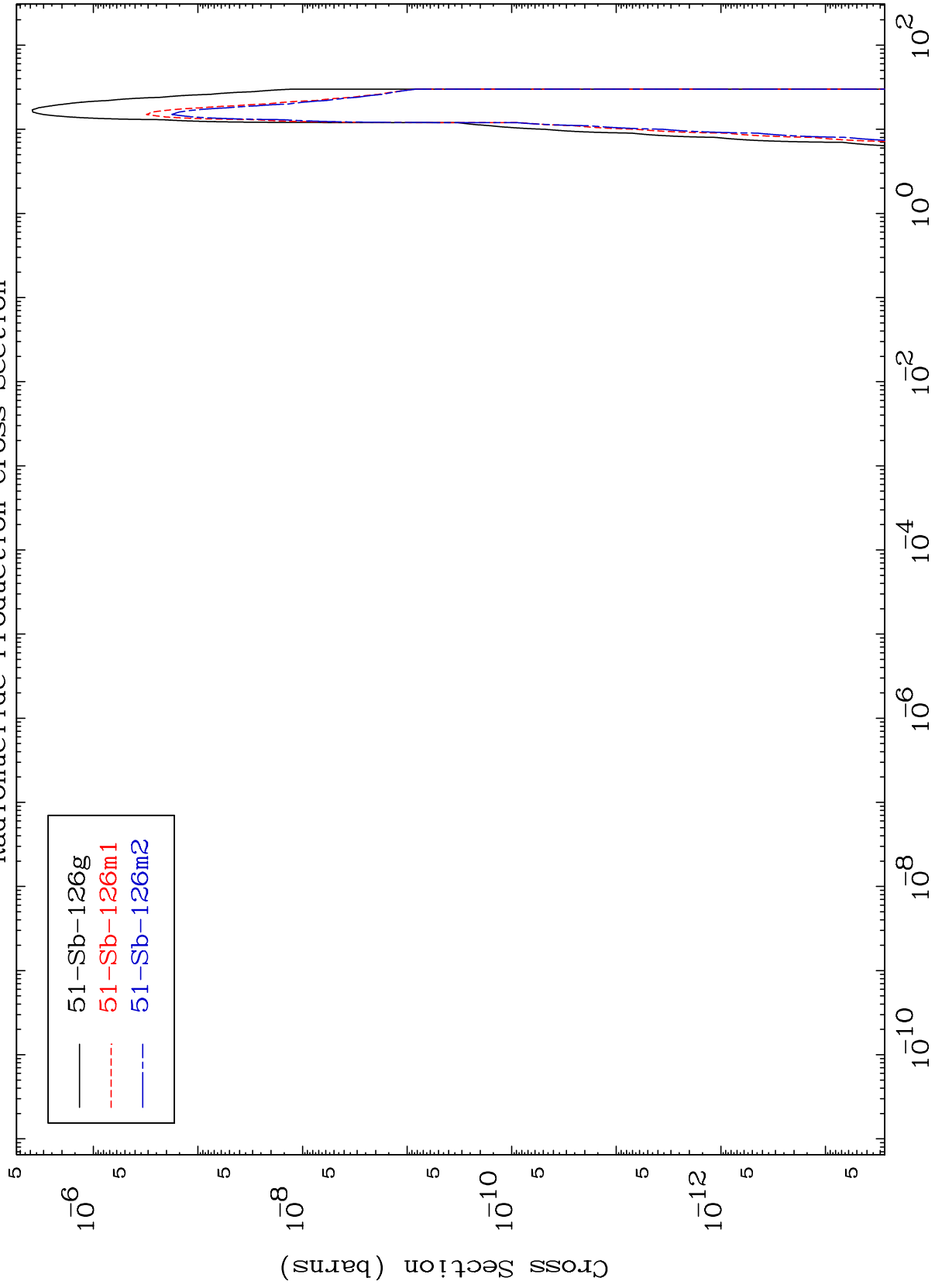
Incident Energy (MeV)

49-In-122

MAT 4954

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

49-In-122



20

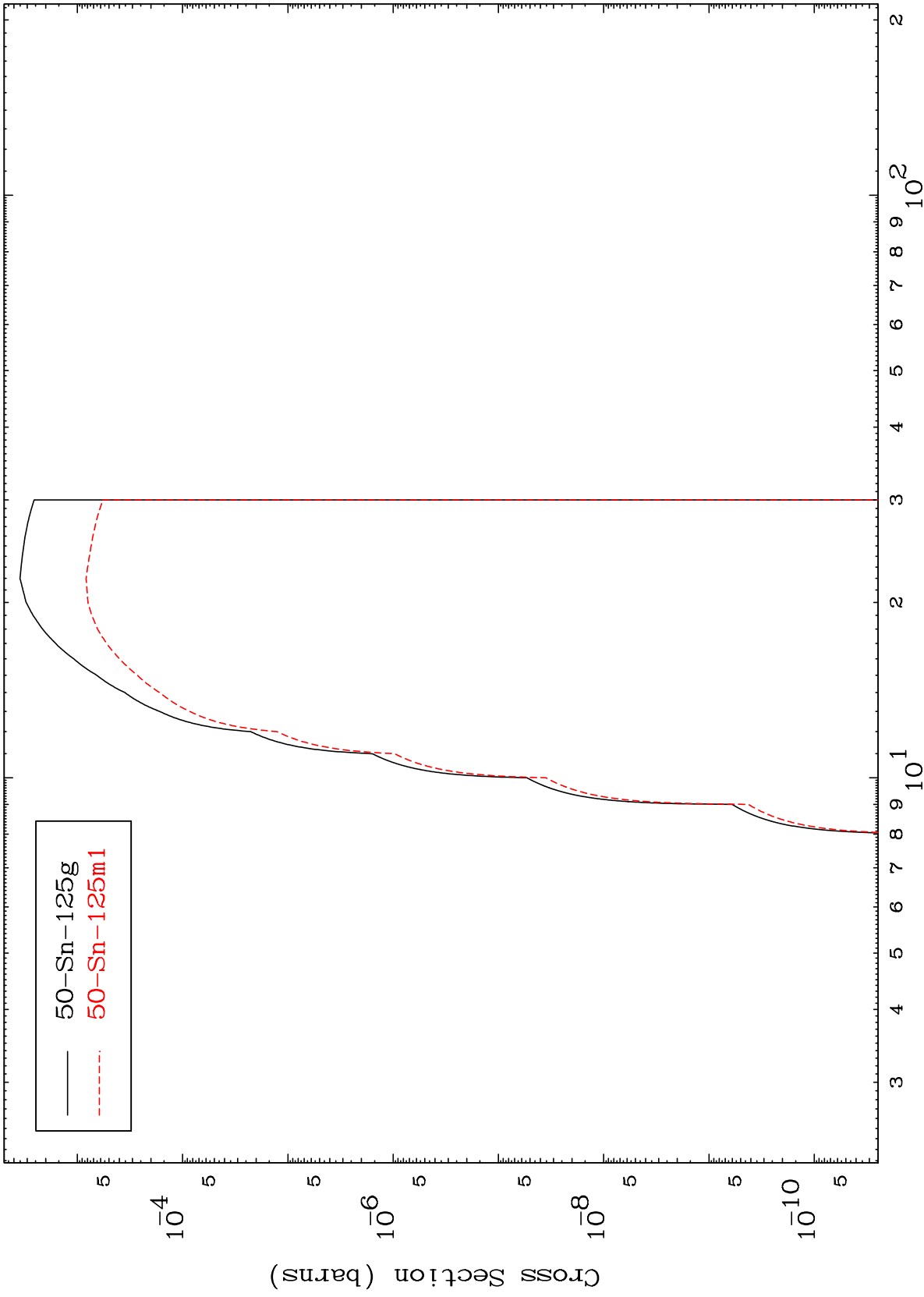
Incident Energy (MeV)

49-In-122

MAT 4954

49-In-122

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



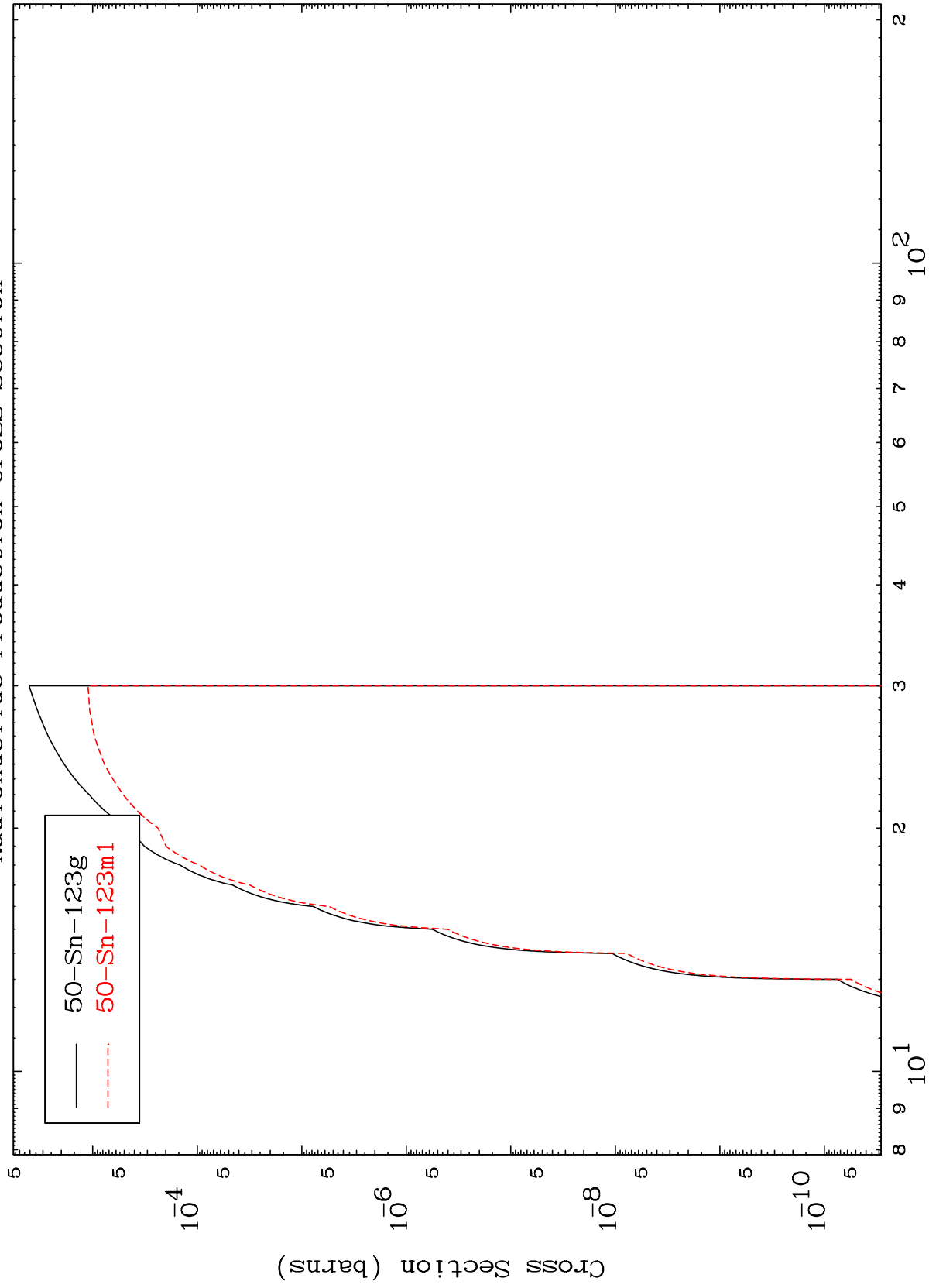
21

49-In-122

MAT 4954

49-In-122

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



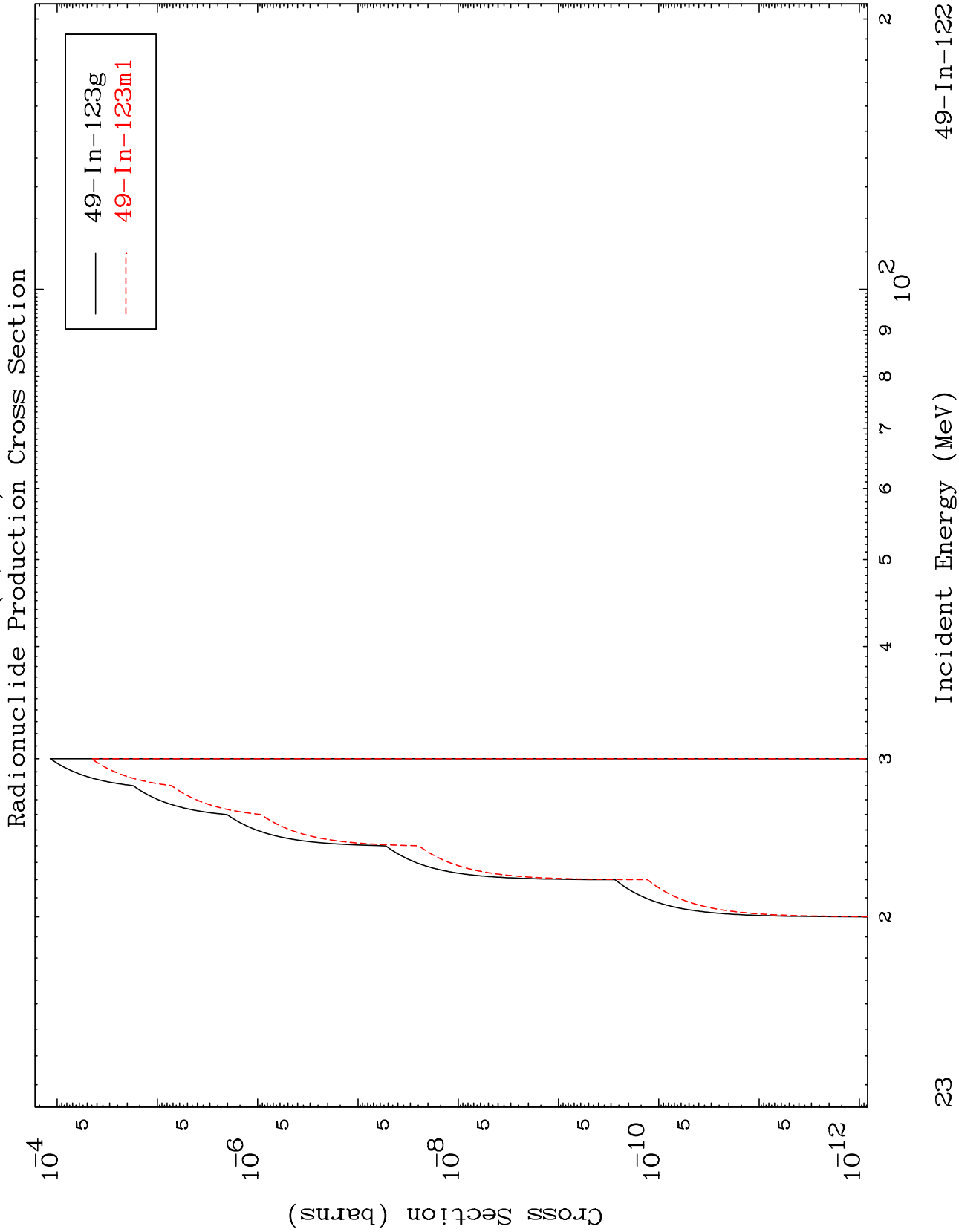
22

49-In-122

MAT 4954

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

49-In-122



23

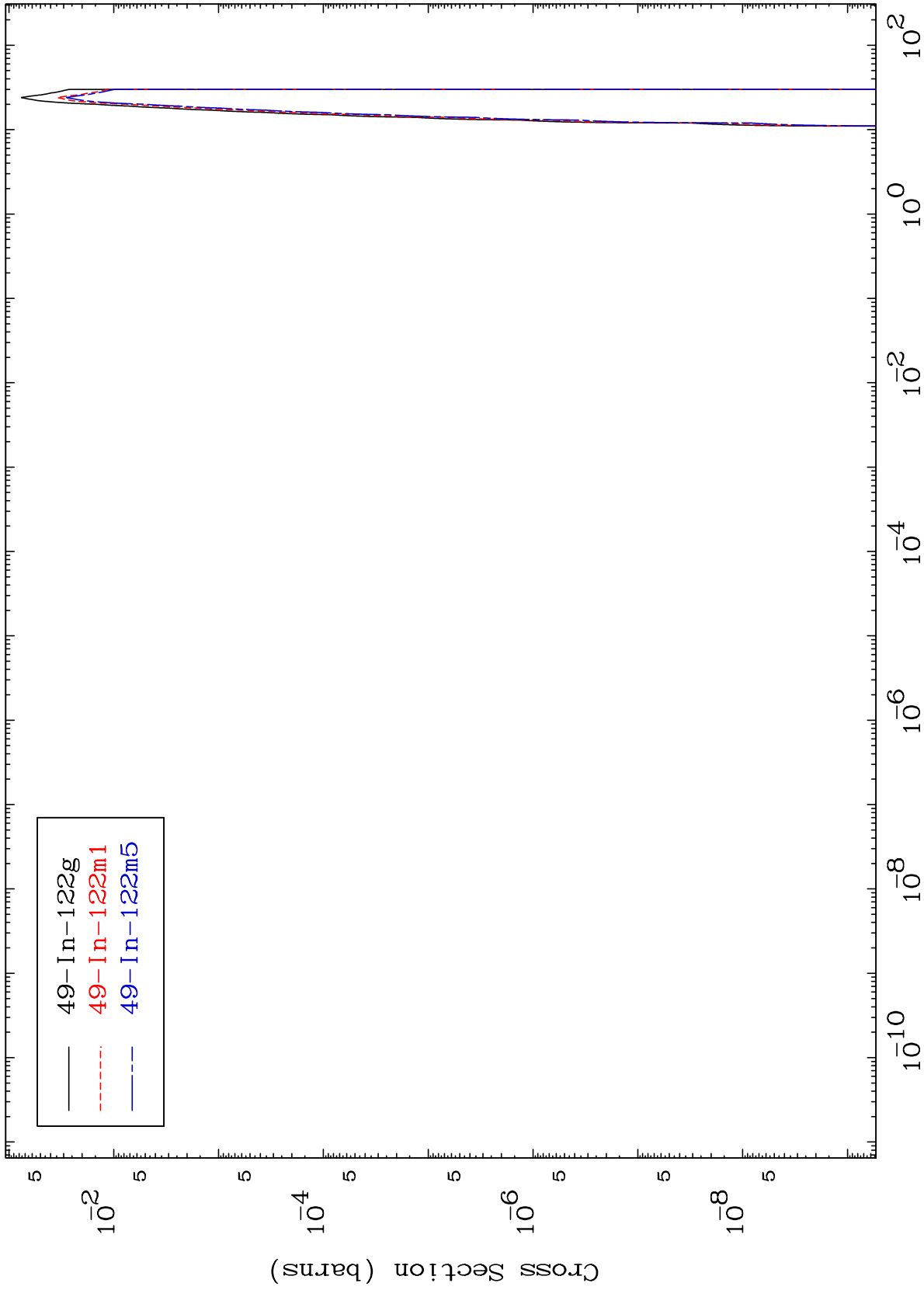


MAT 4954

( $\alpha, \alpha$ )

49-In-122

Radionuclide Production Cross Section



24

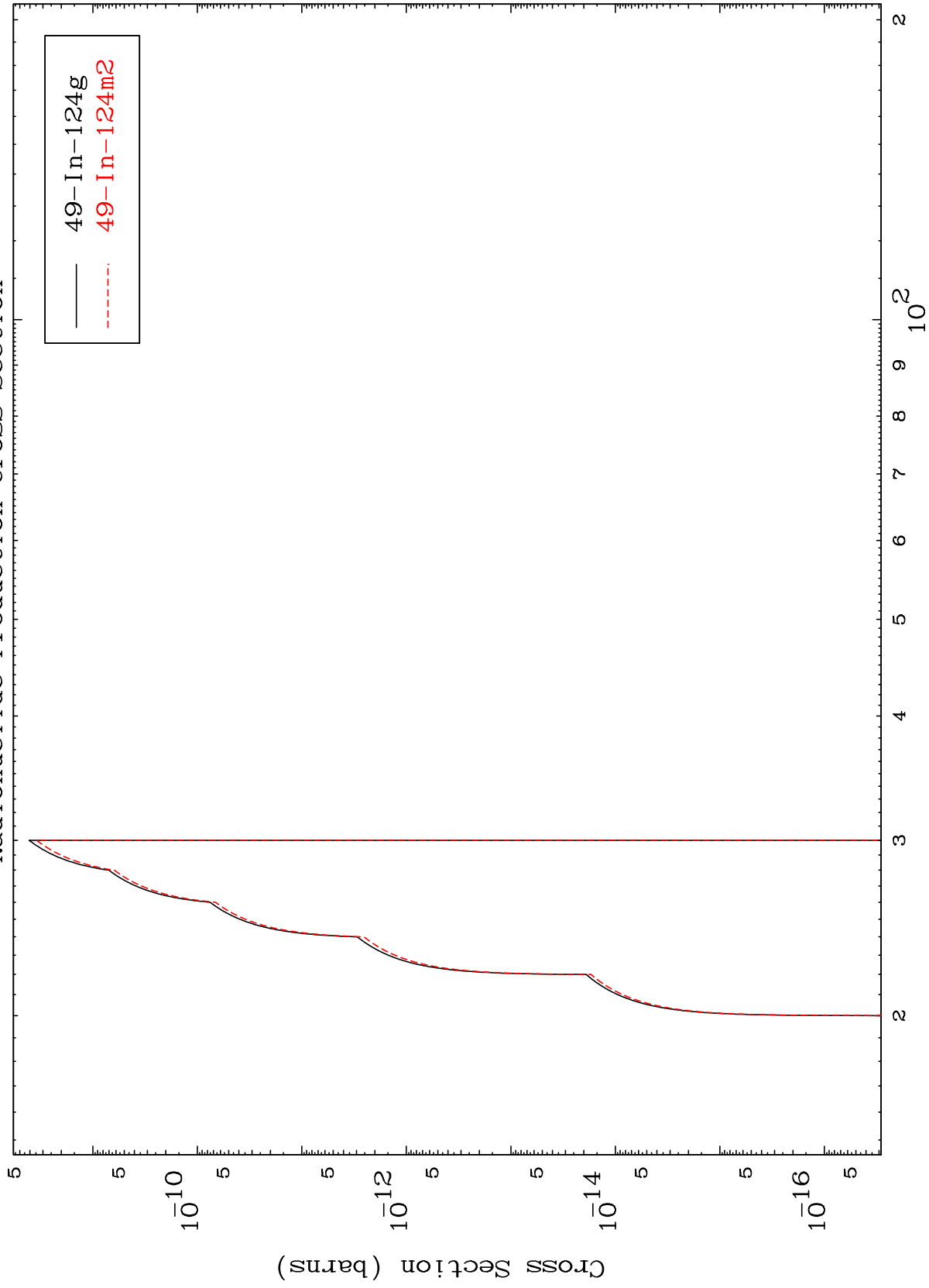
Incident Energy (MeV)

49-In-122

MAT 4954

49-In-122

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



25

Incident Energy (MeV)

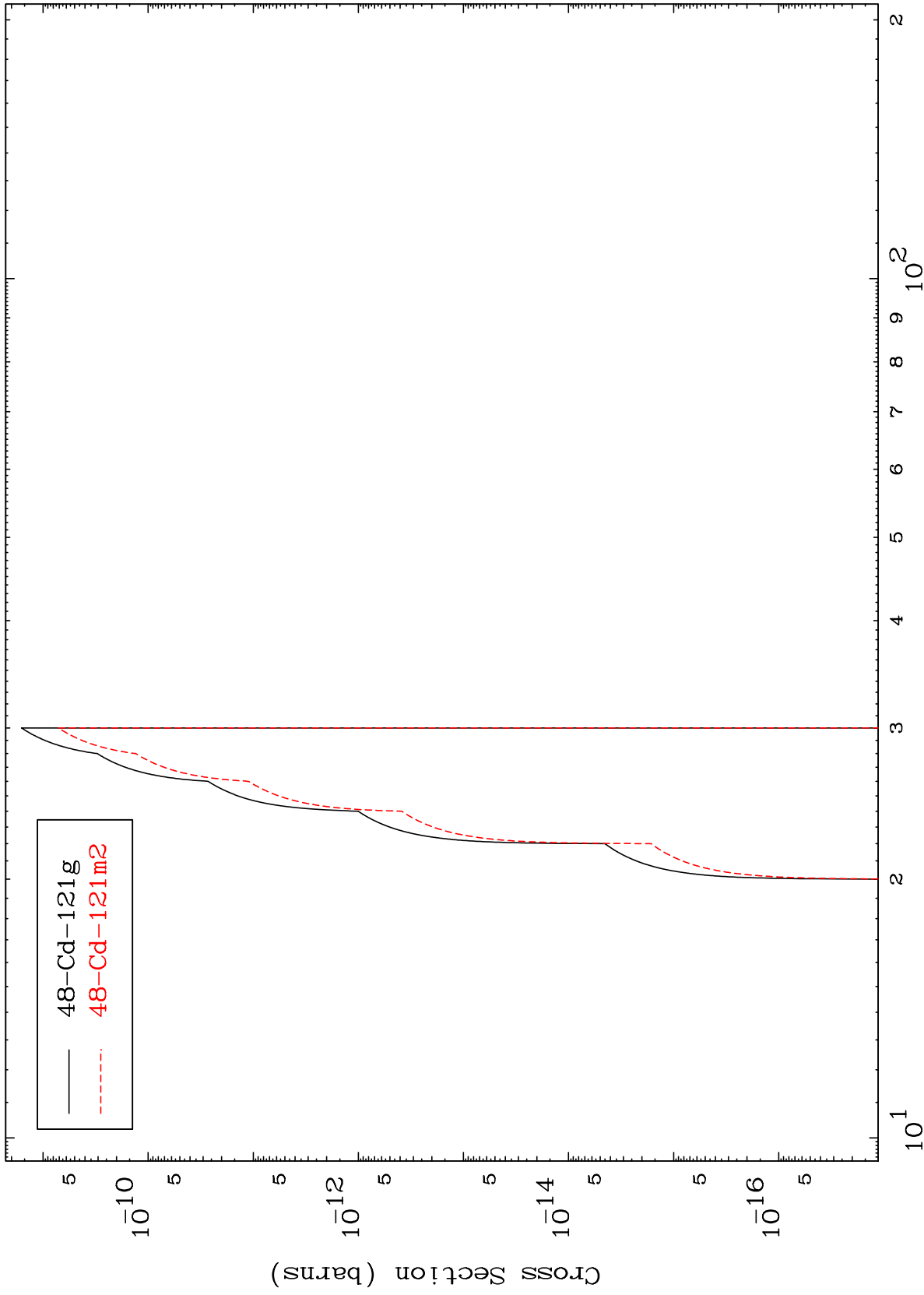
49-In-122

MAT 4954

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

49-In-122

Radionuclide Production Cross Section



26

Incident Energy (MeV)

49-In-122