

Program EVALPLOT  
(Version 2018-1)

by

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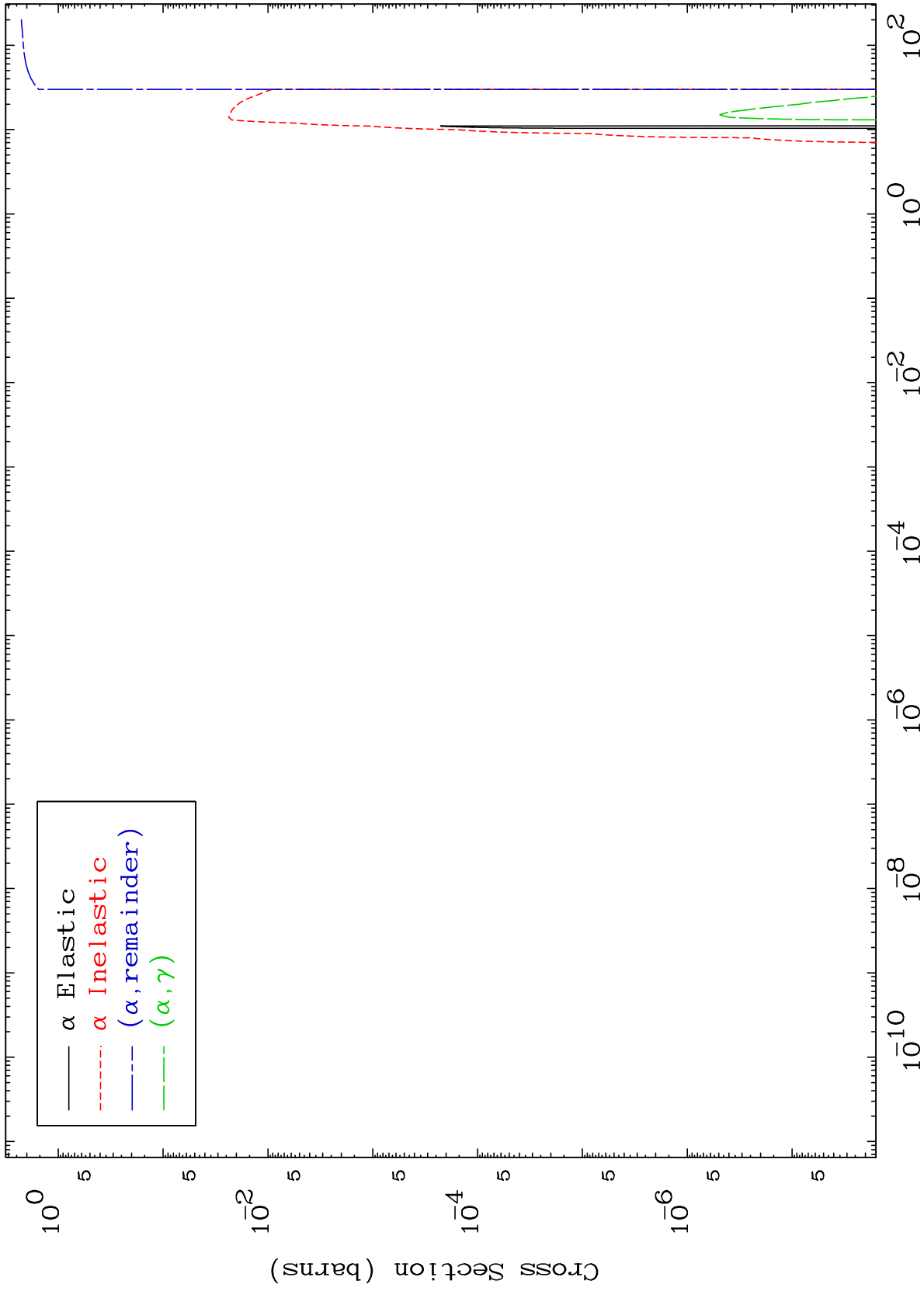
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4958

0 Kelvin  $\alpha$  Major  
Cross Sections

49-In-124



1

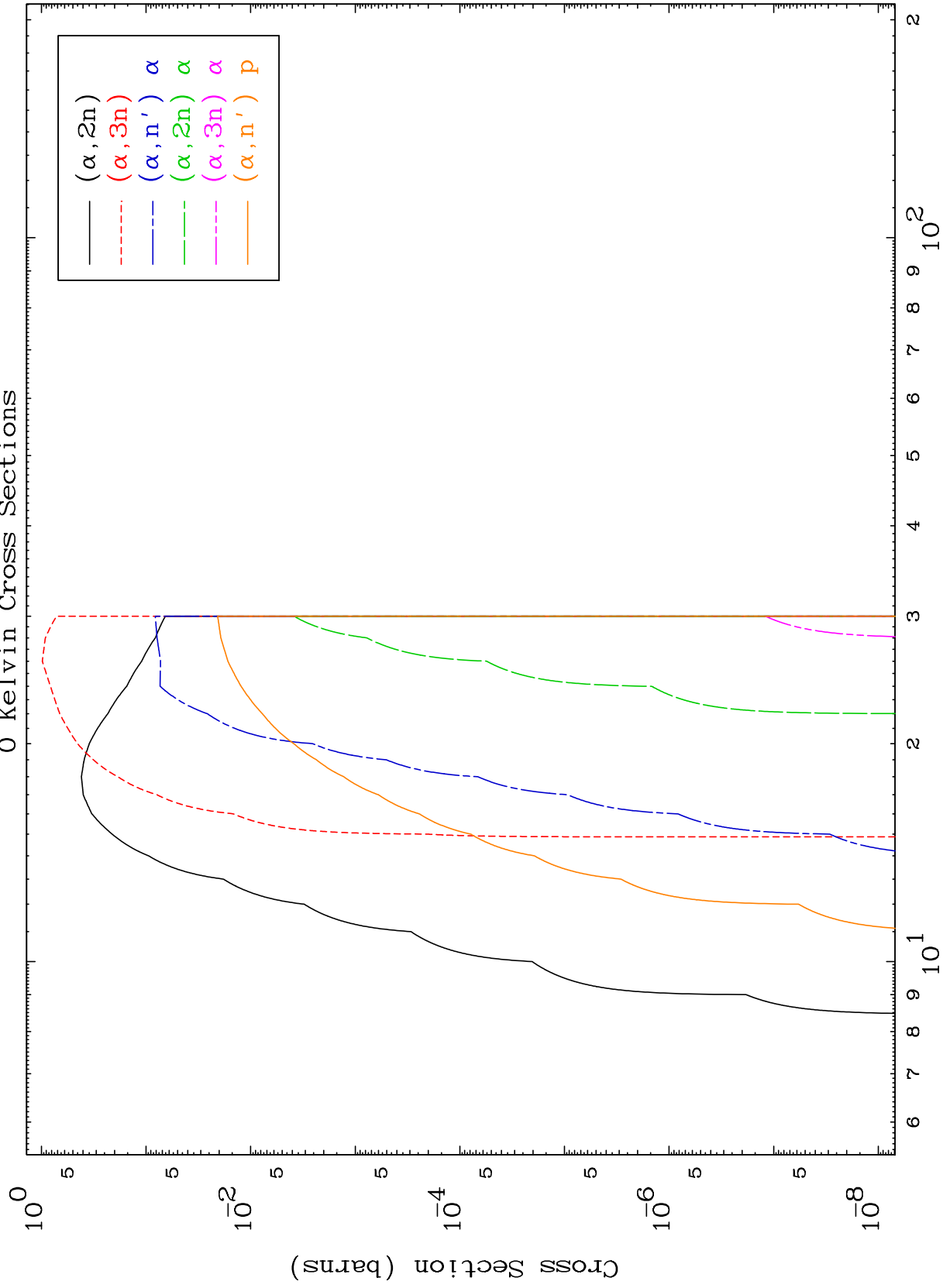
Incident Energy (MeV)

49-In-124

MAT 4958

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

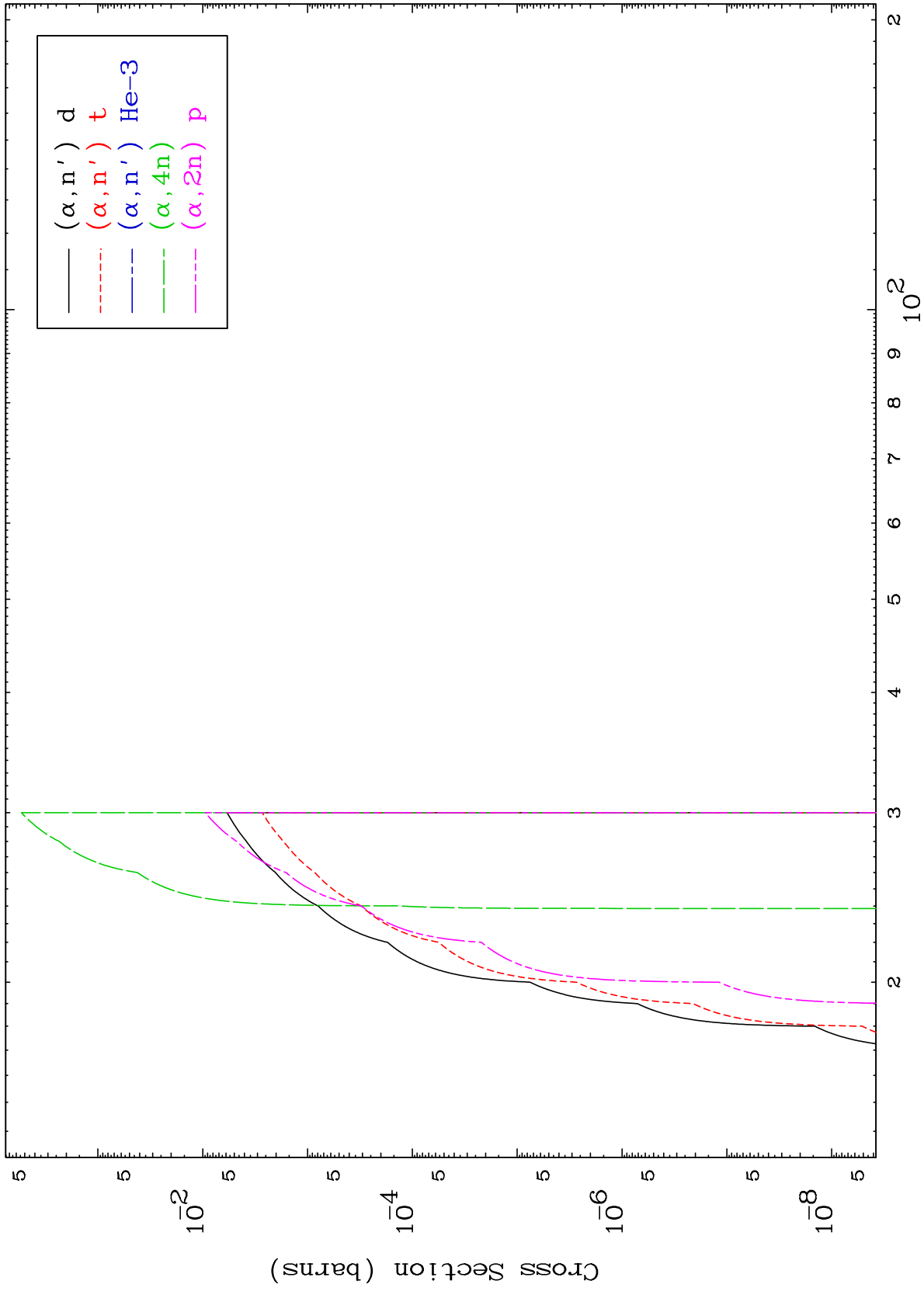
49-In-124

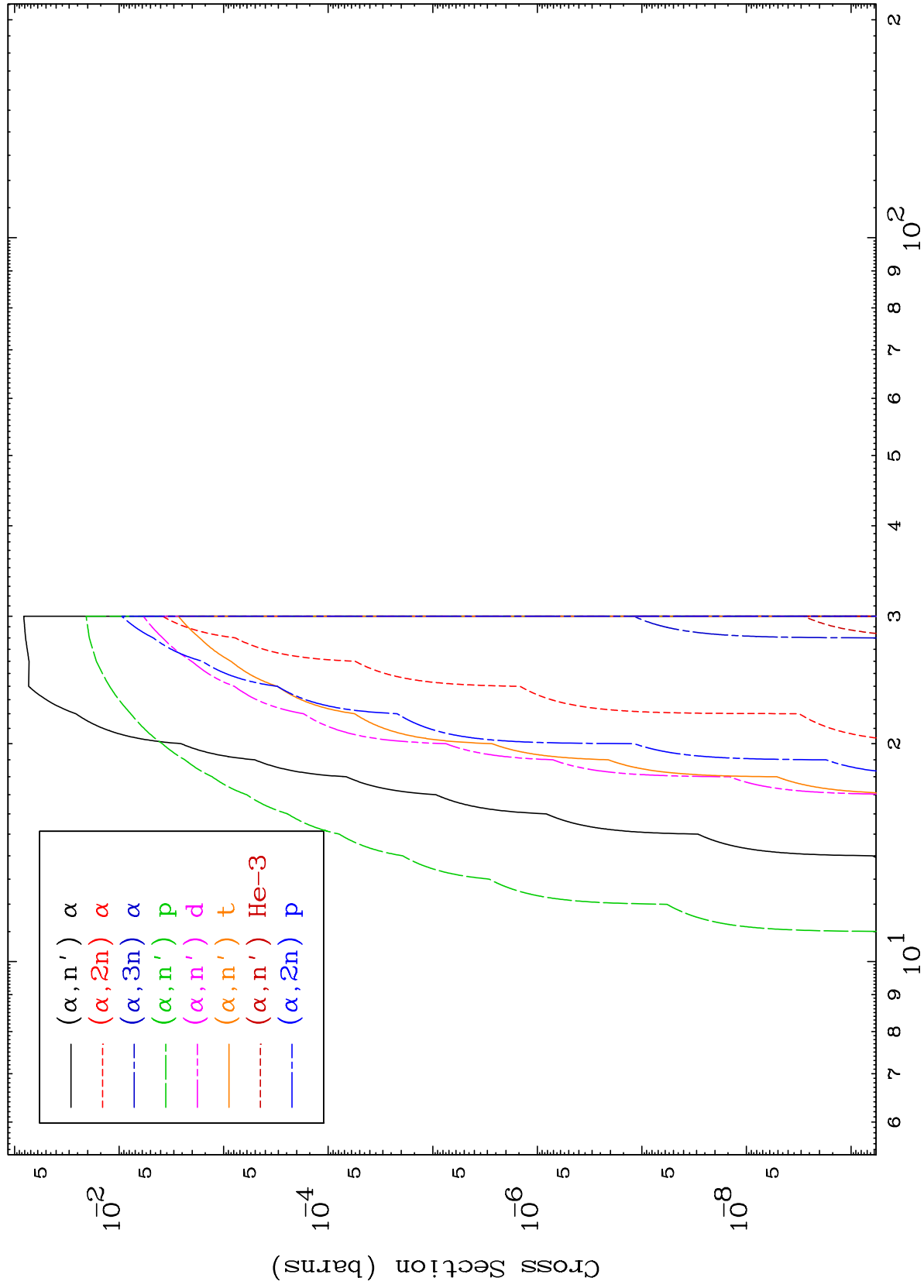


2

Incident Energy (MeV)

49-In-124

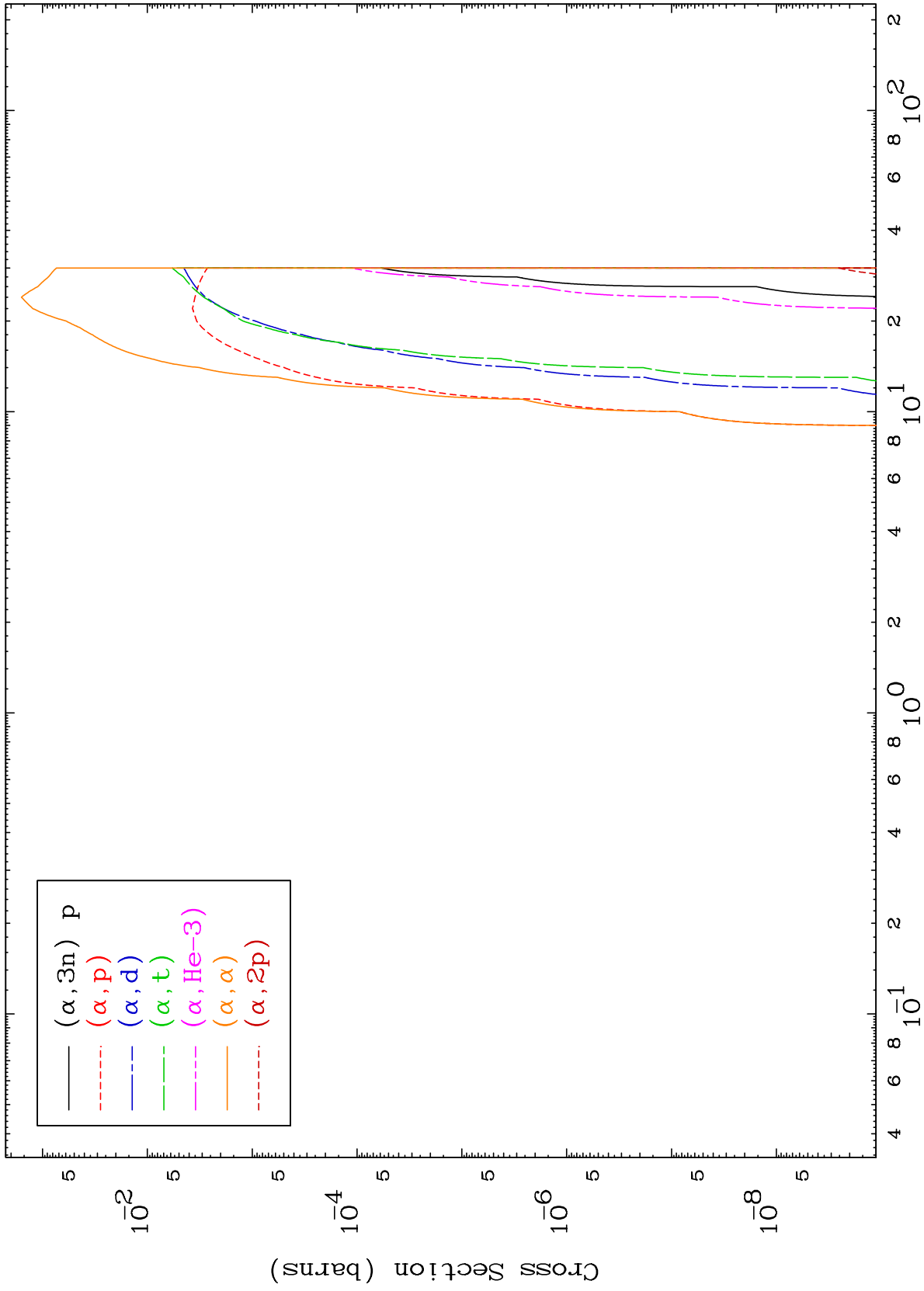




MAT 4958

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

49-In-124



5

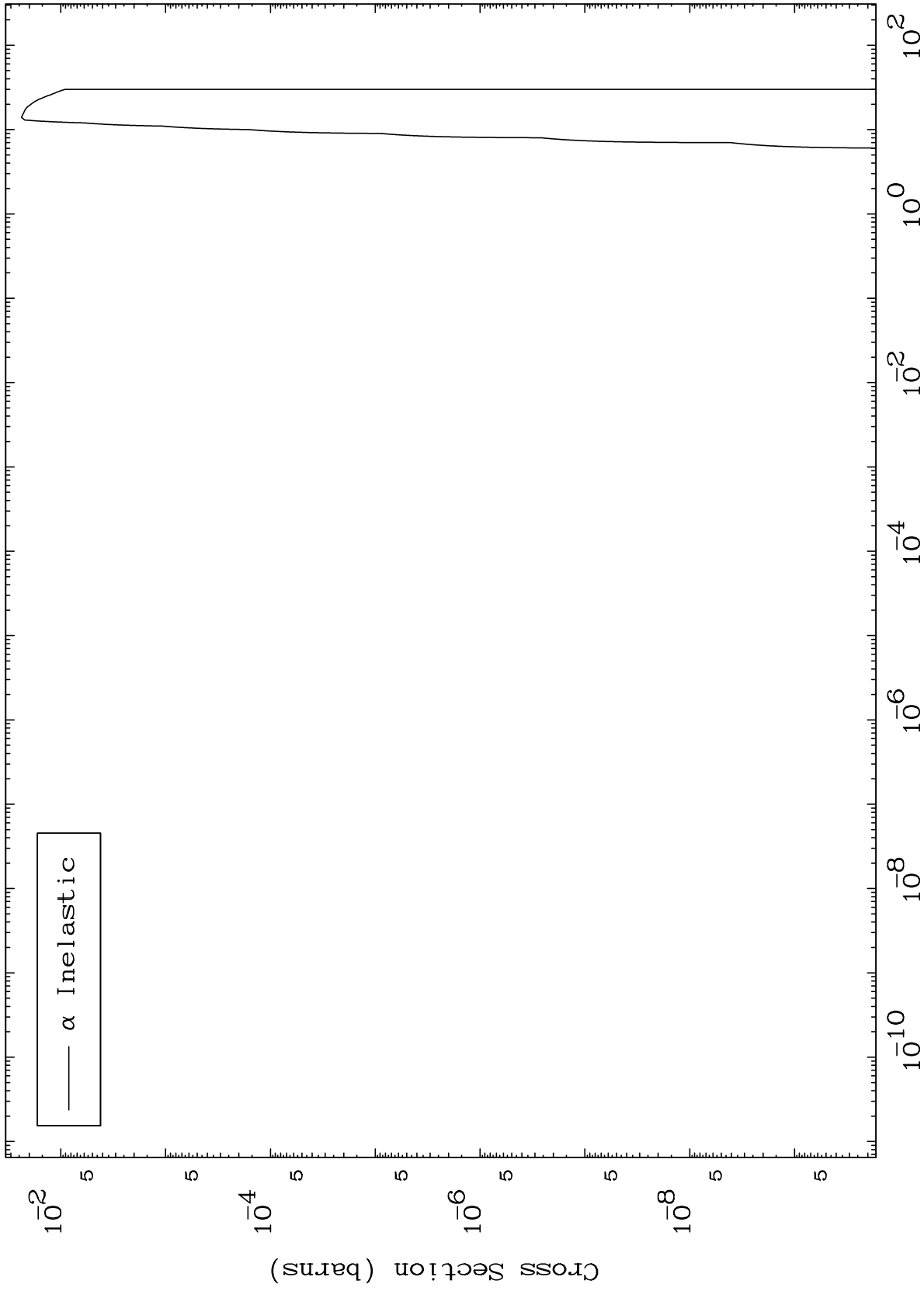
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



6

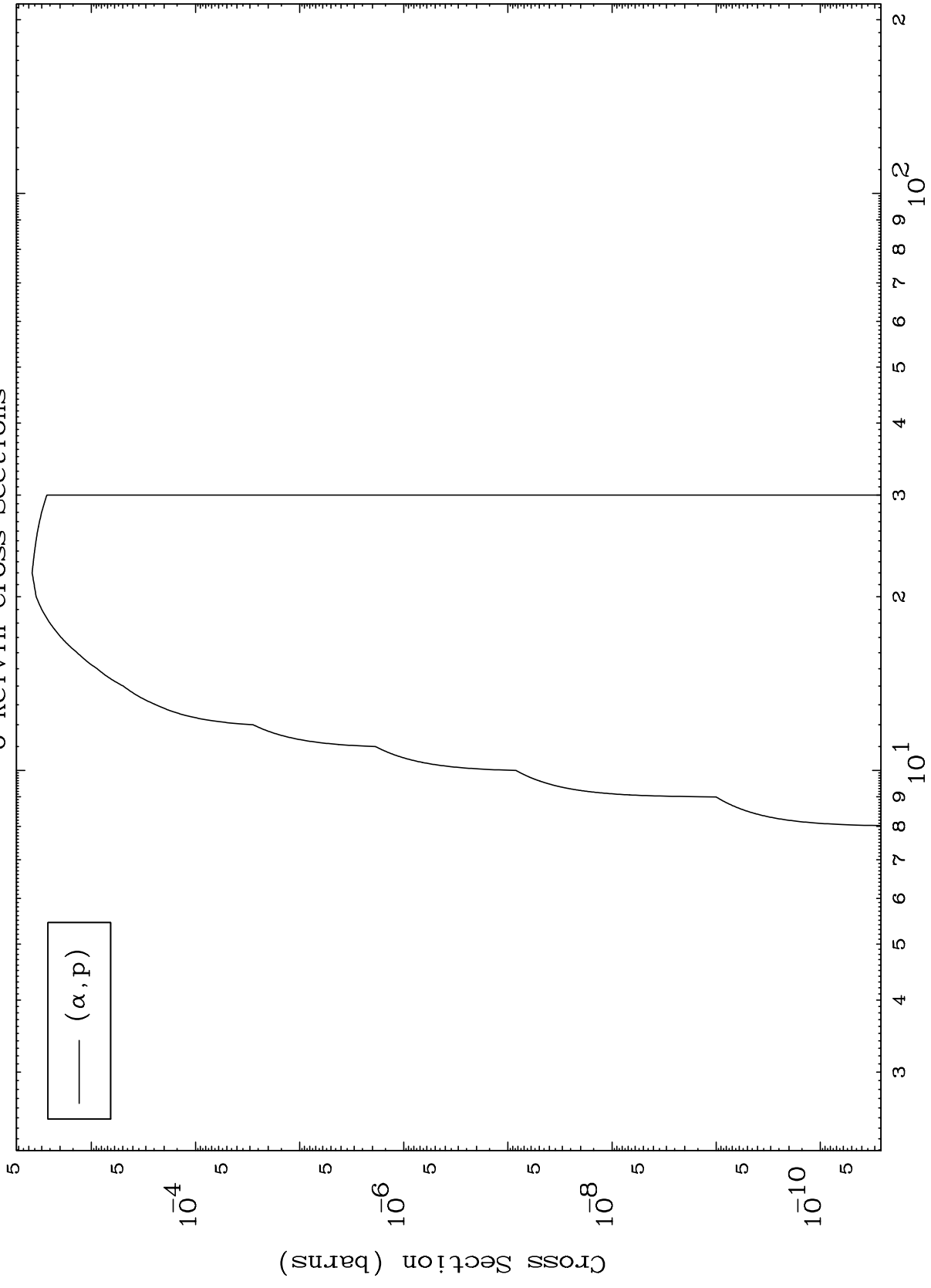
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



7

Incident Energy (MeV)

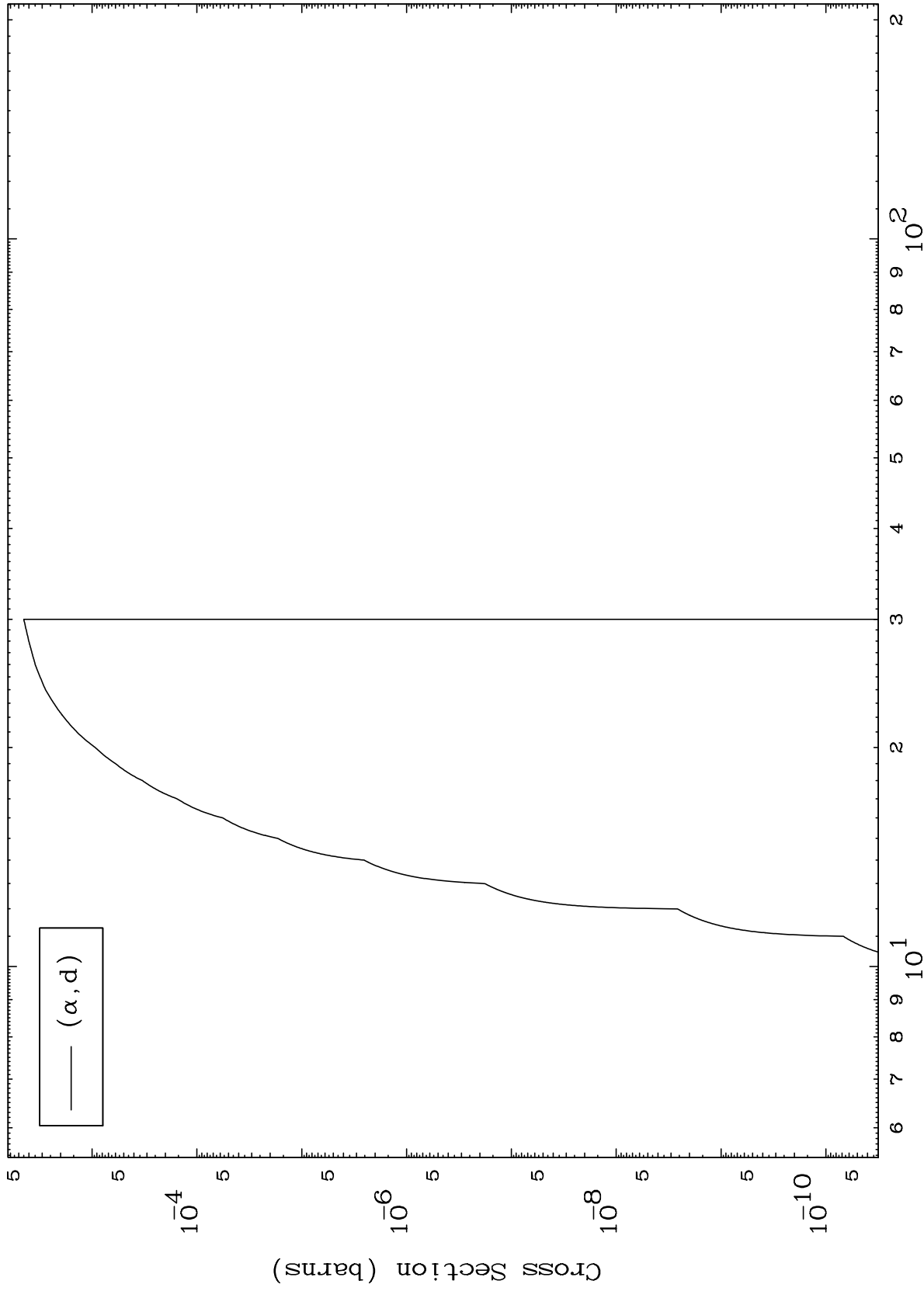
49-In-124



MAT 4958

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

49-In-124



8

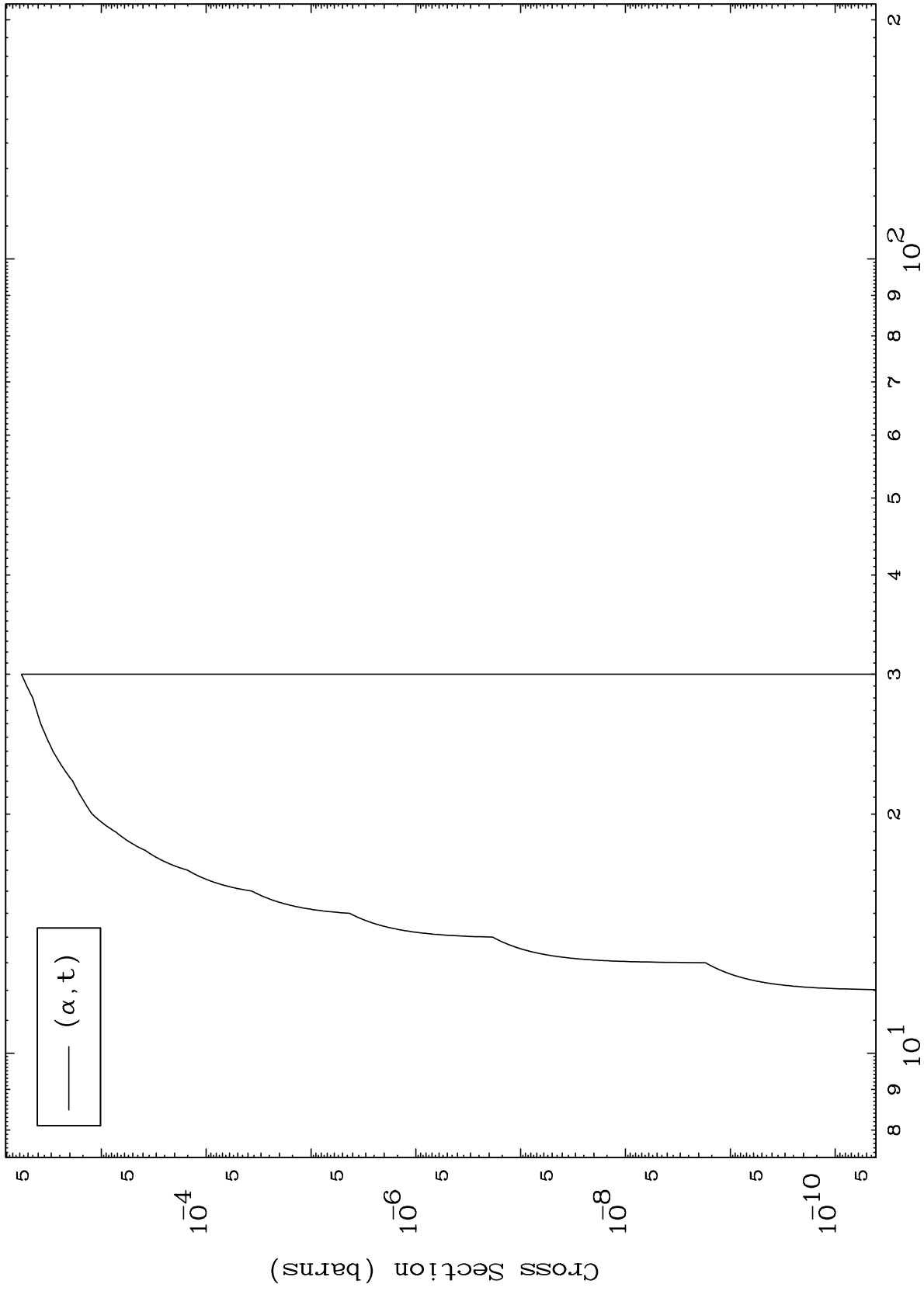
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



9

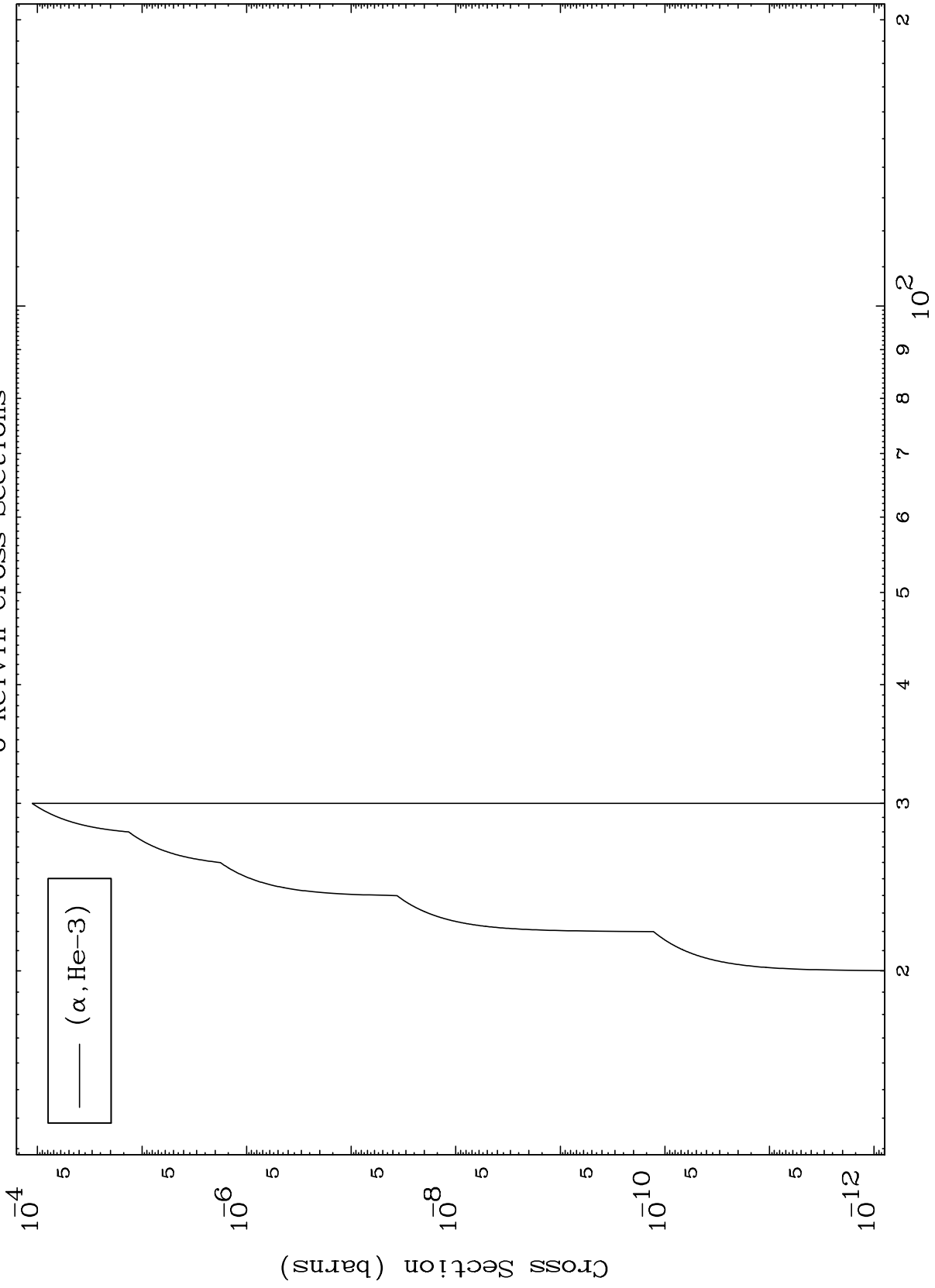
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



10

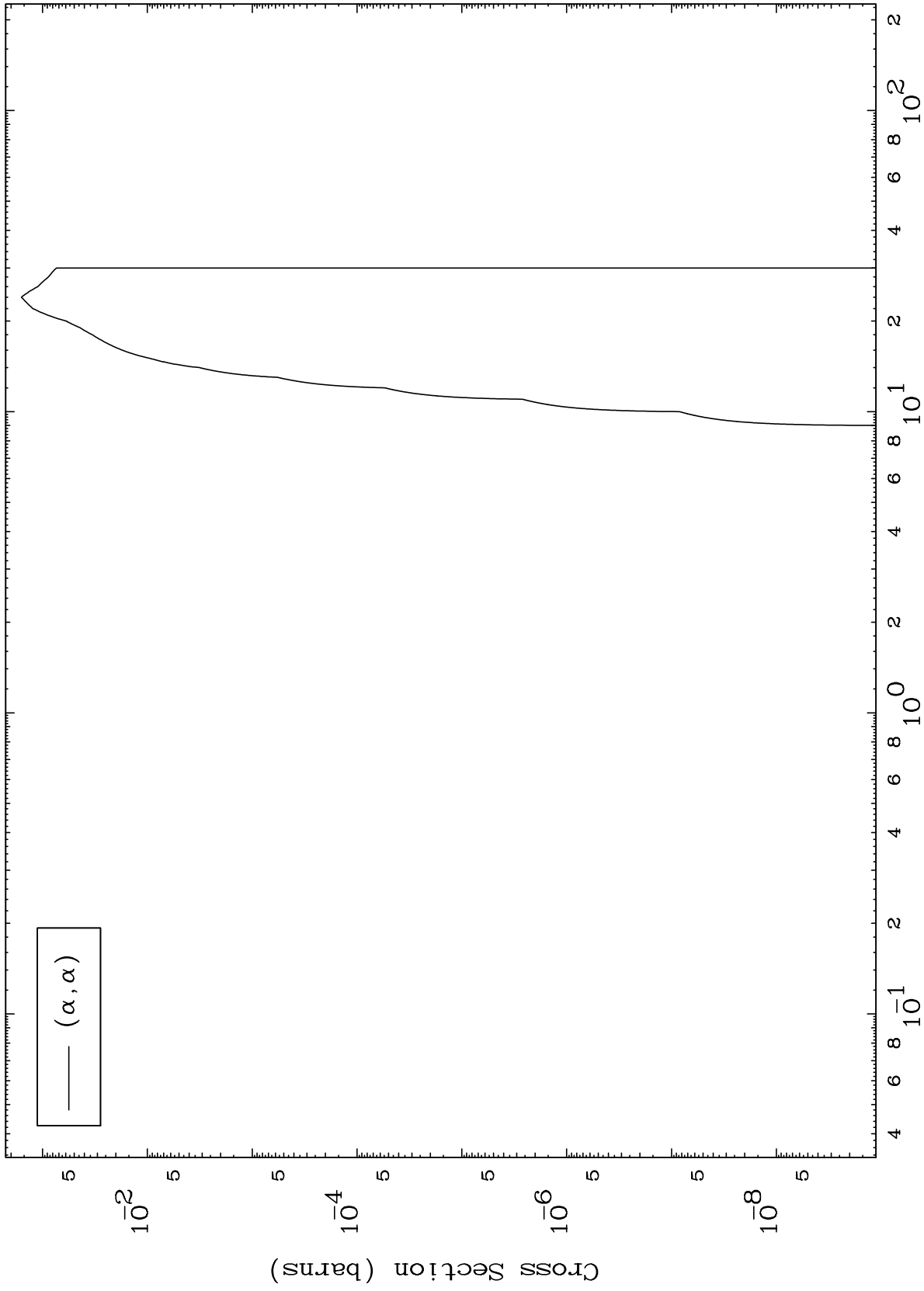
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



11

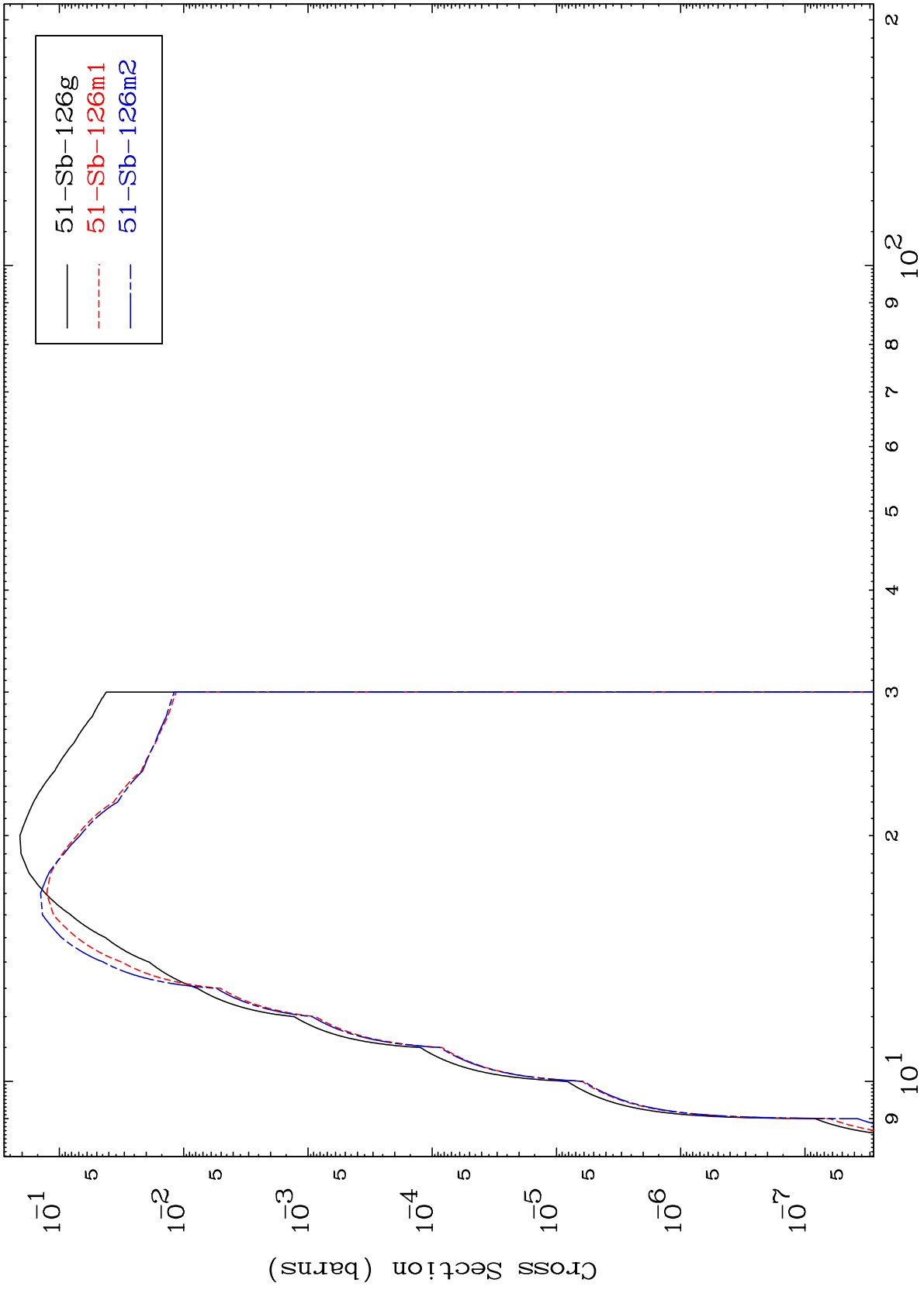
Incident Energy (MeV)

49-In-124

MAT 4958

49-In-124

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



12

Incident Energy (MeV)

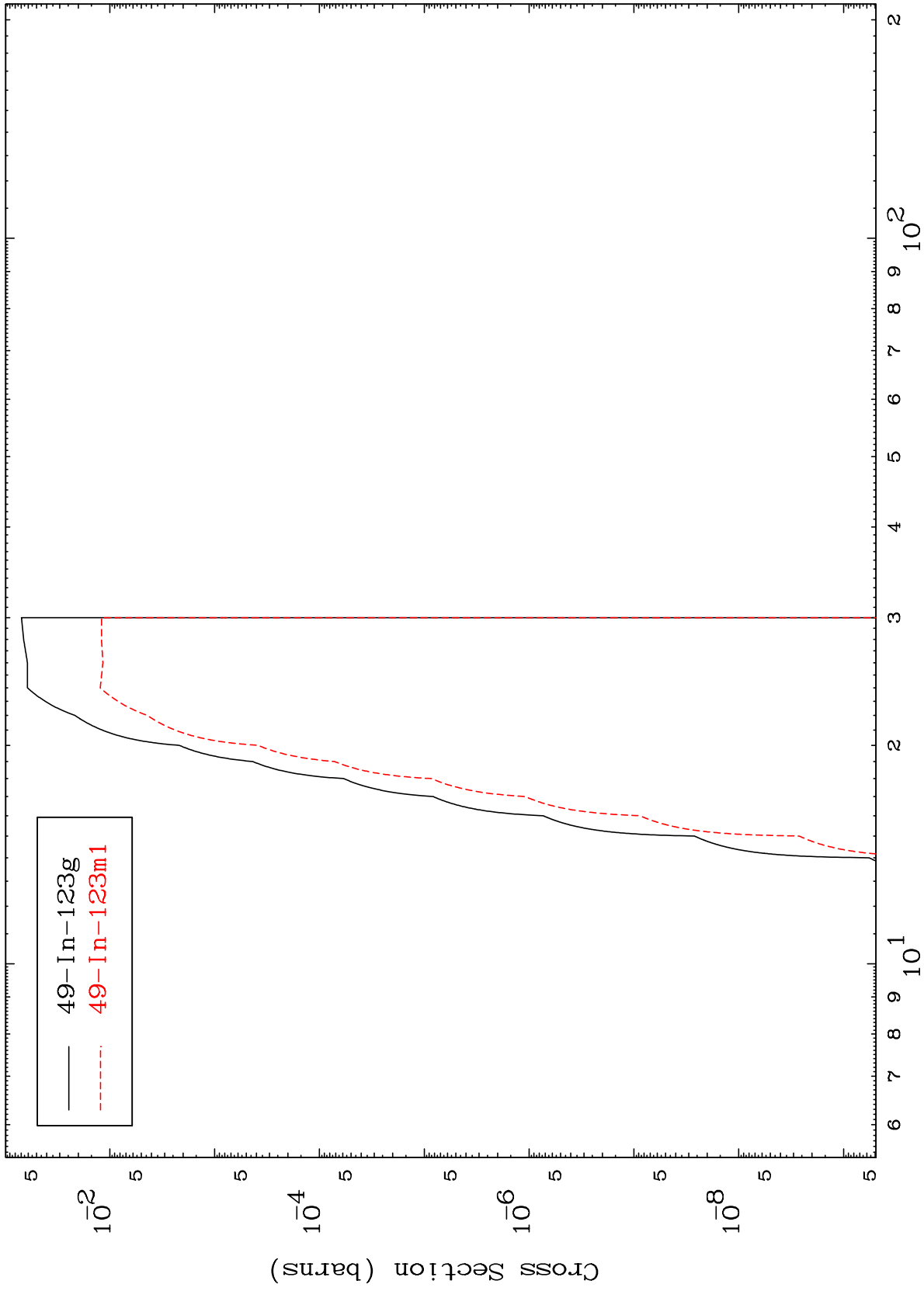
49-In-124

MAT 4958

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

49-In-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

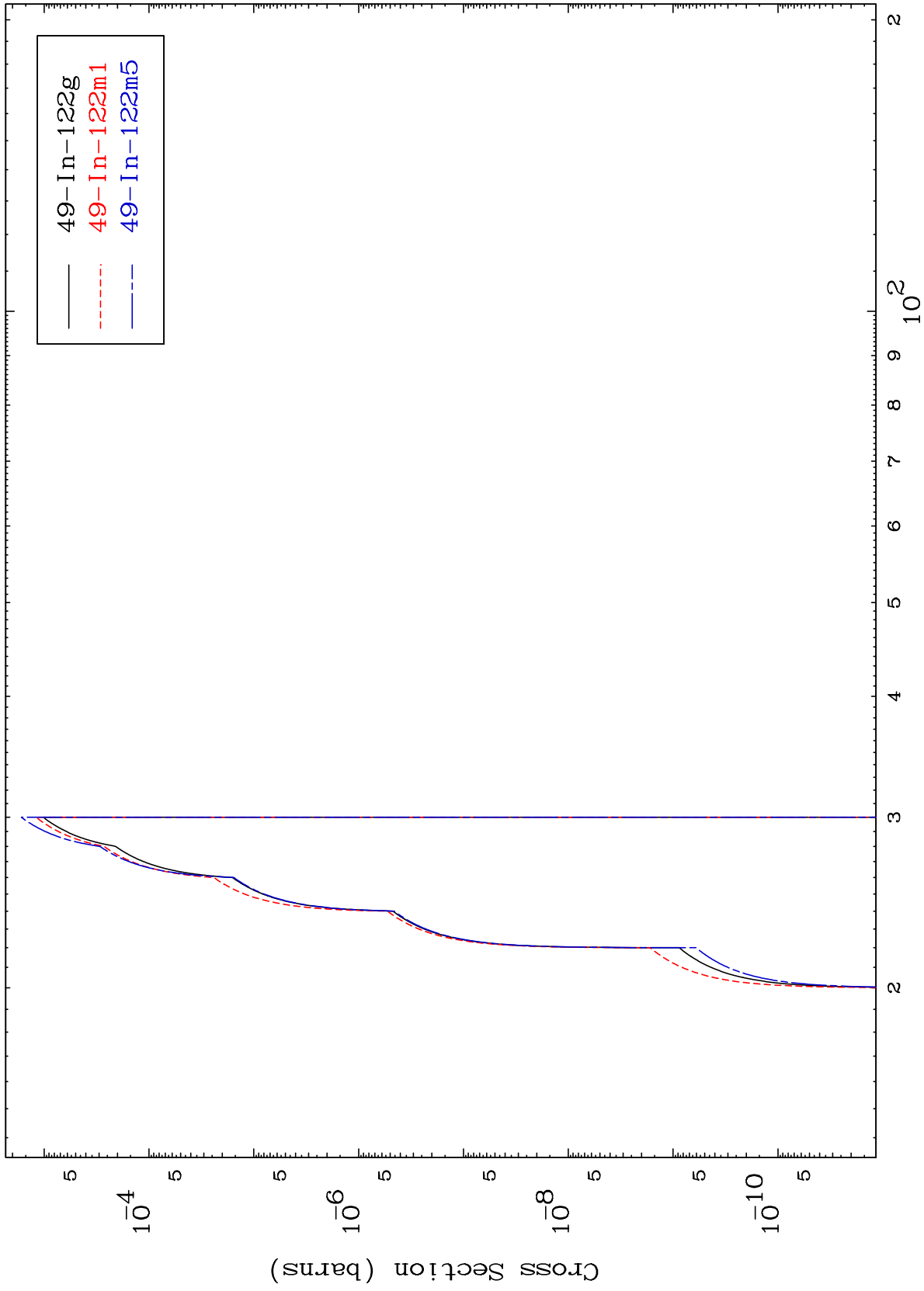
49-In-124

MAT 4958

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

49-In-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

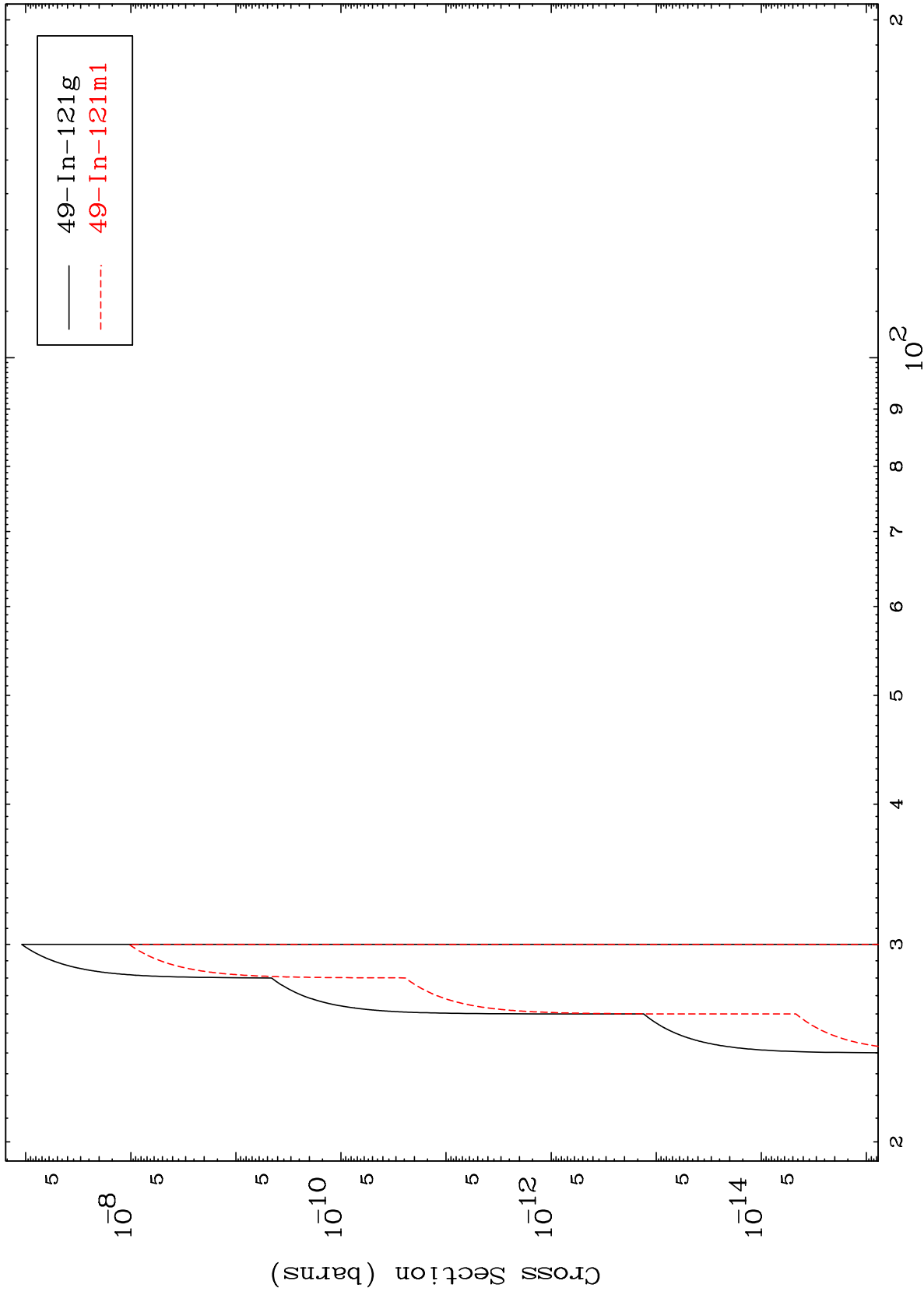
49-In-124

MAT 4958

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

49-In-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-124

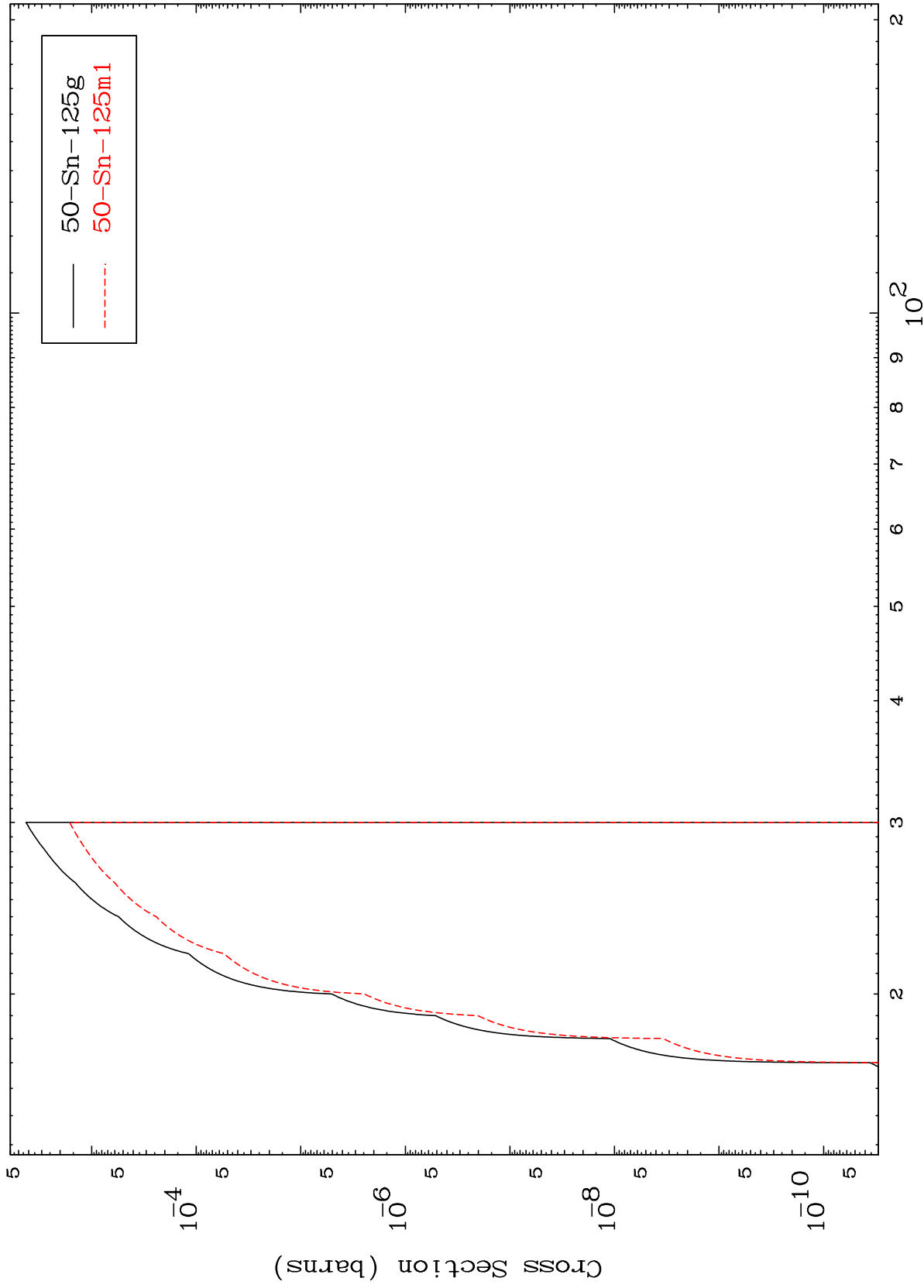


MAT 4958

( $\alpha, n'$ ) d

49-In-124

Radionuclide Production Cross Section



16

Incident Energy (MeV)

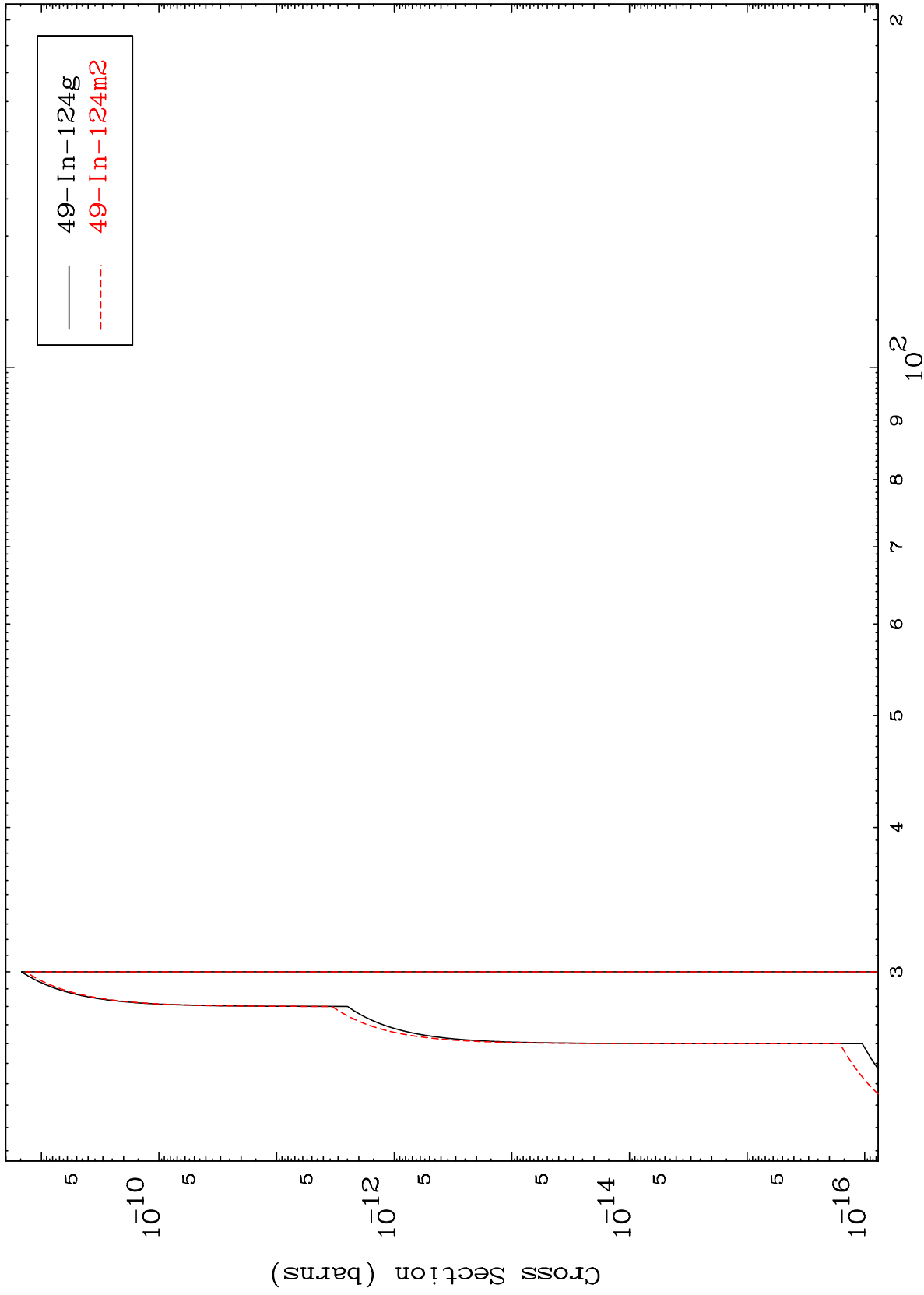
49-In-124

MAT 4958

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

49-In-124

Radionuclide Production Cross Section



17

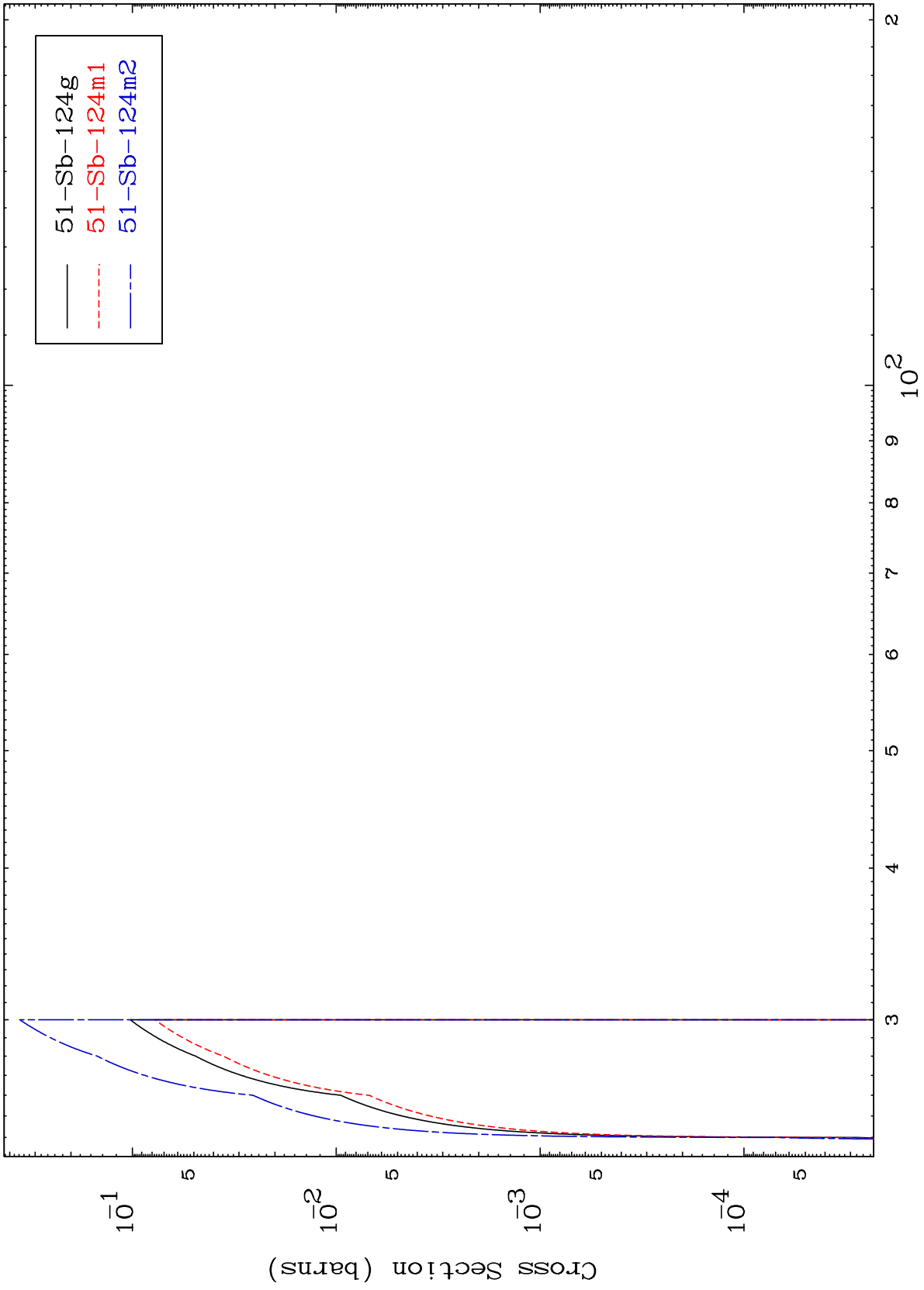
Incident Energy (MeV)

49-In-124

MAT 4958

49-In-124

$(\alpha, 4n)$   
Radionuclide Production Cross Section



18

Incident Energy (MeV)

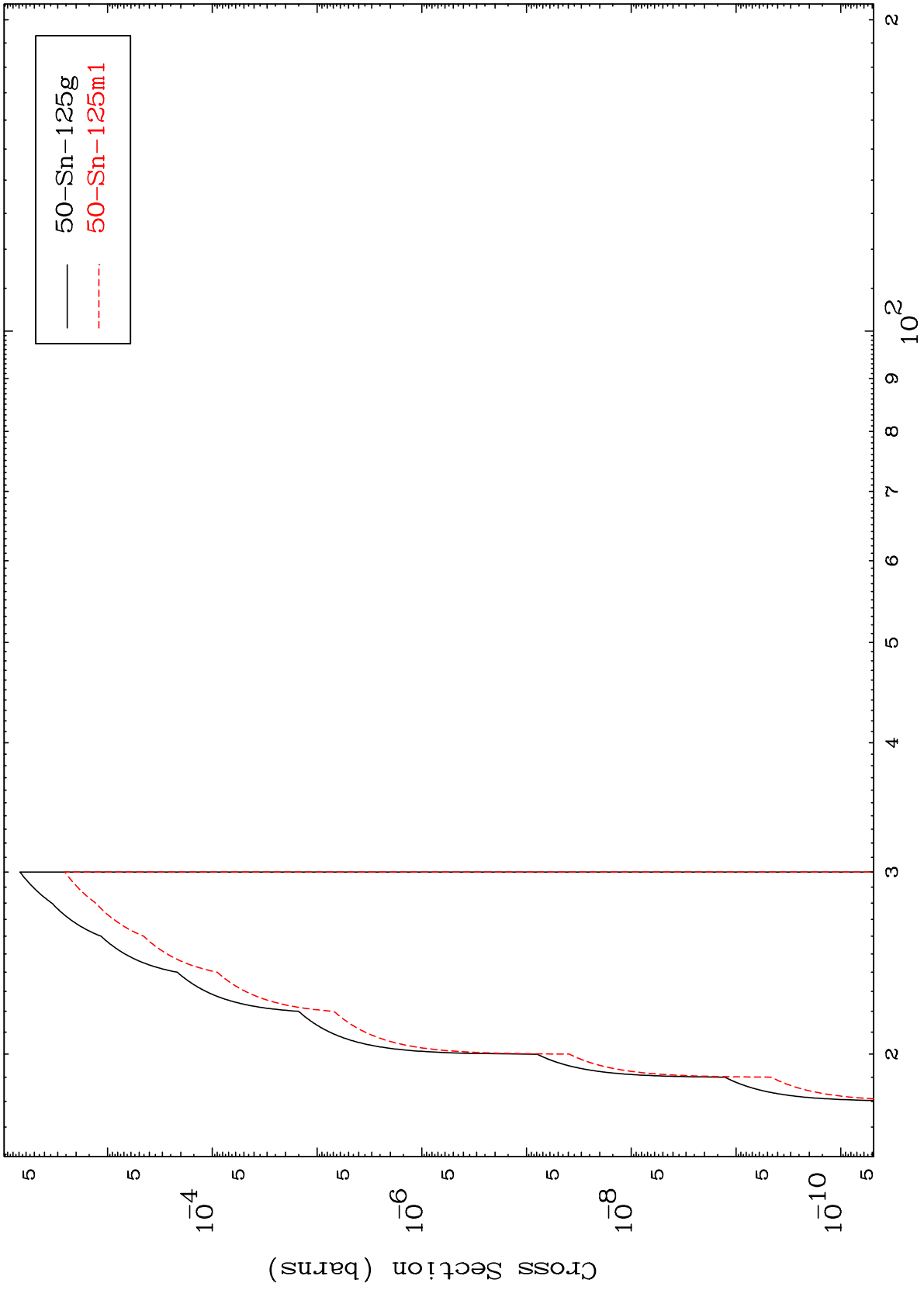
49-In-124

MAT 4958

( $\alpha, 2n$ ) p

49-In-124

Radionuclide Production Cross Section



19

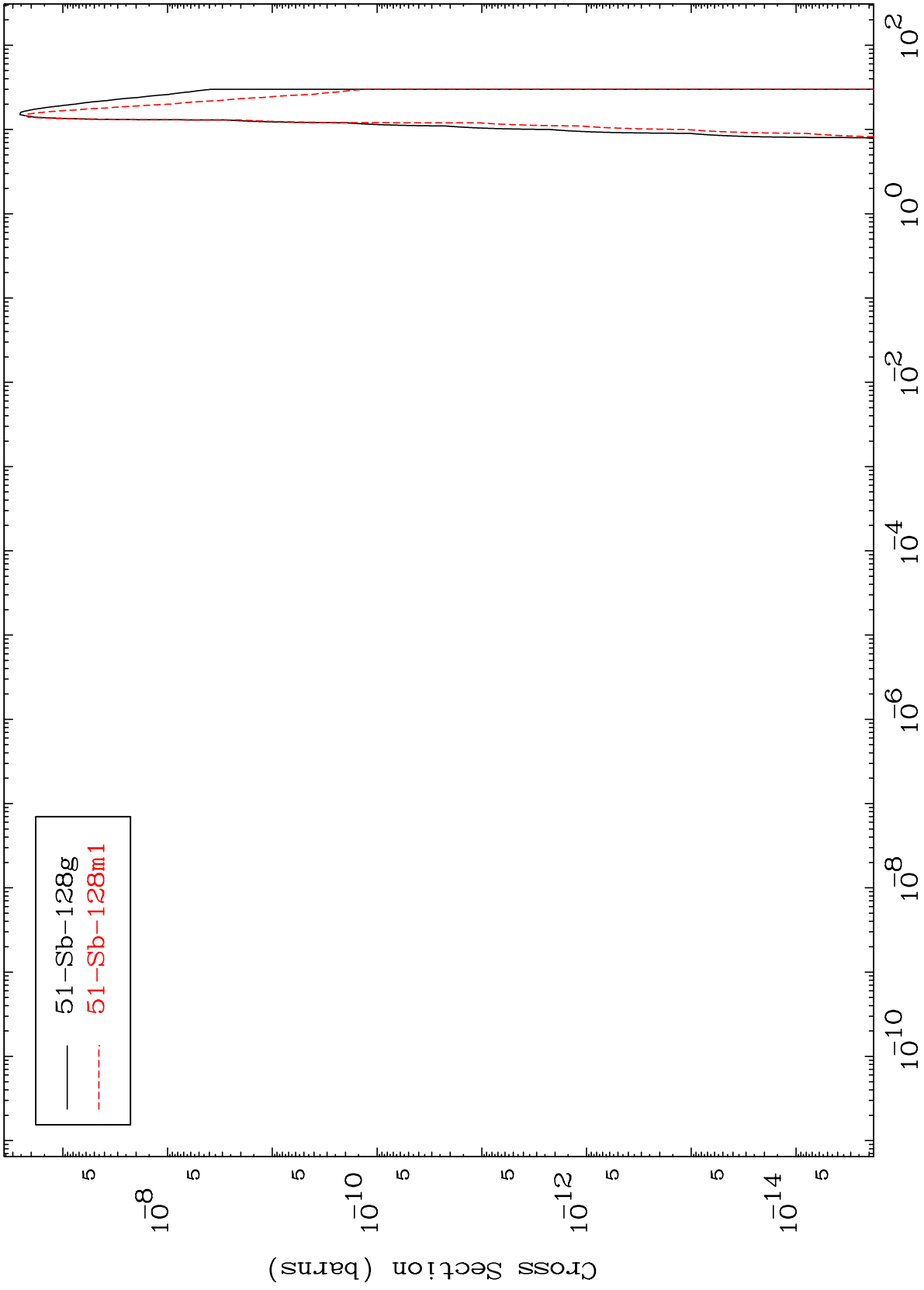
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



20

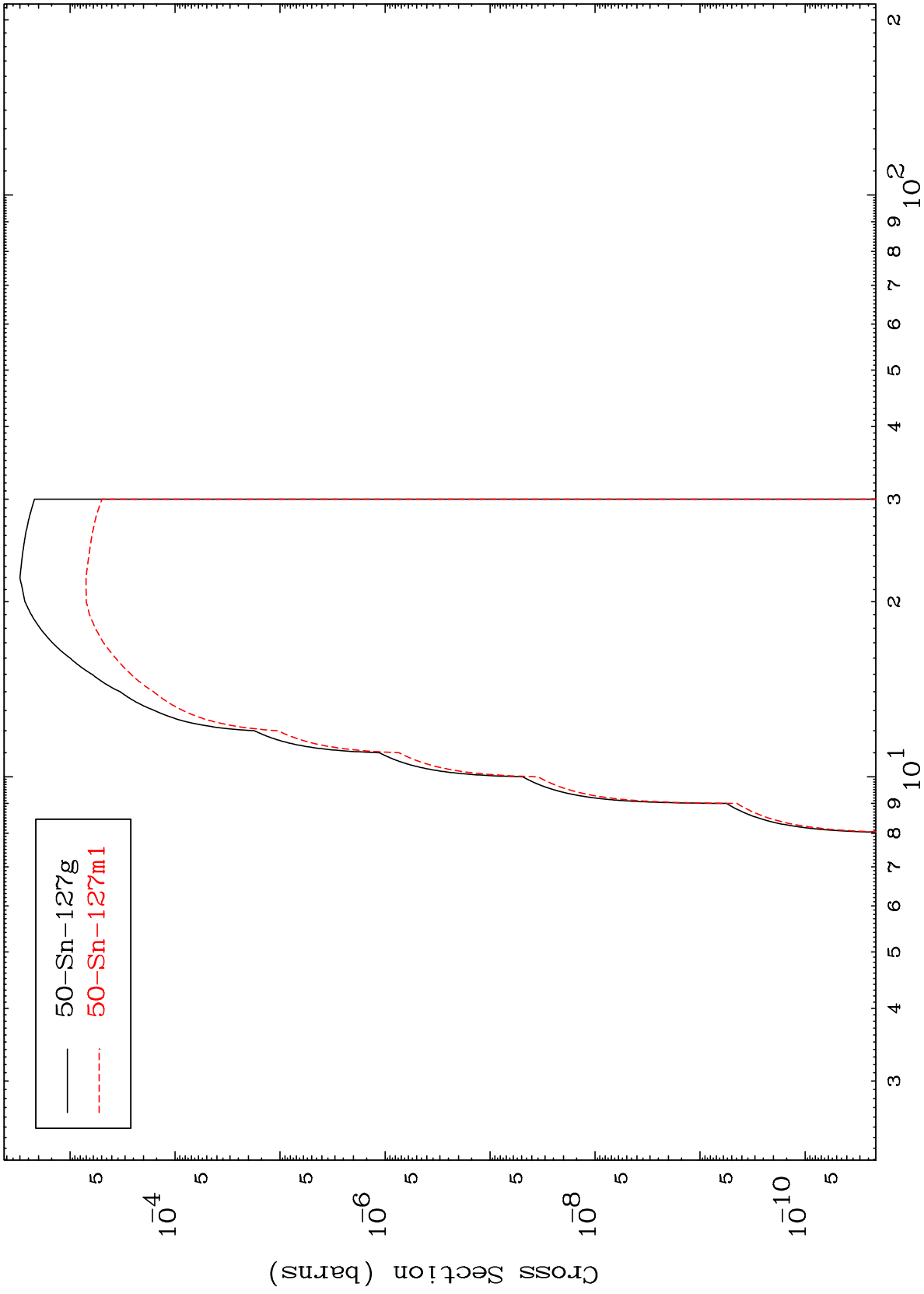
Incident Energy (MeV)

49-In-124

MAT 4958

49-In-124

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



21

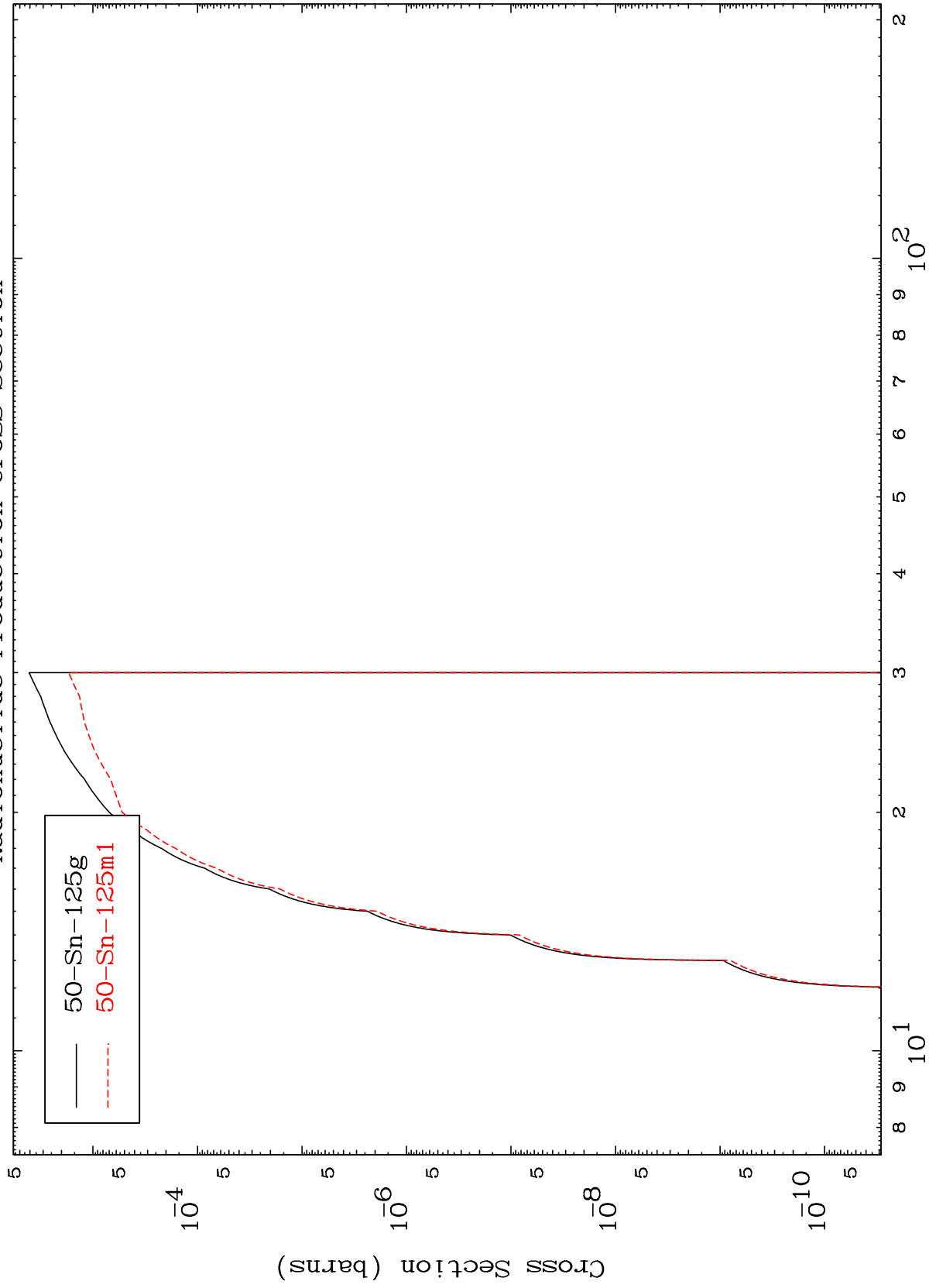
49-In-124

MAT 4958

( $\alpha, t$ )

49-In-124

Radionuclide Production Cross Section



22

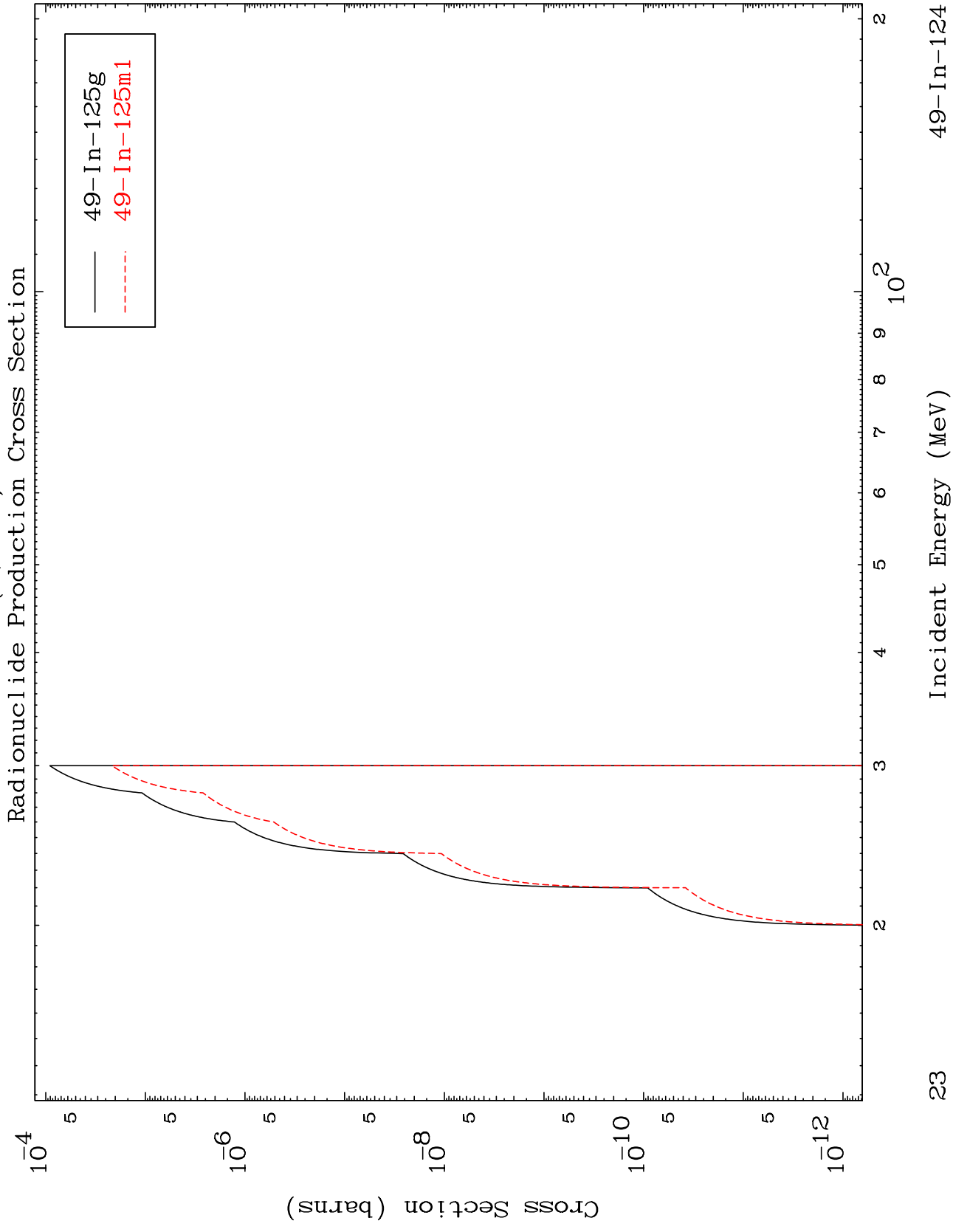
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



23

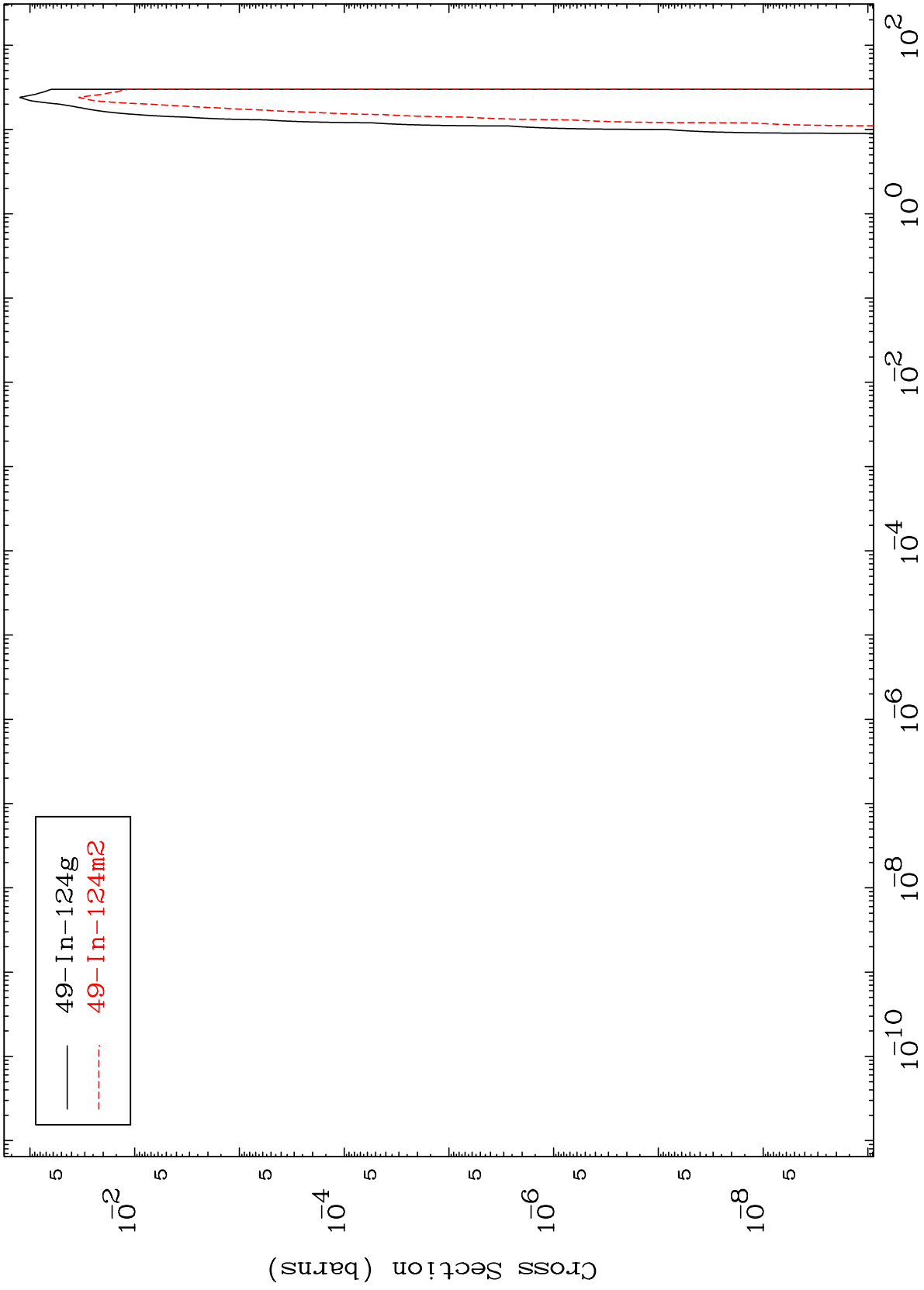


MAT 4958

( $\alpha, \alpha$ )

49-In-124

Radionuclide Production Cross Section



24

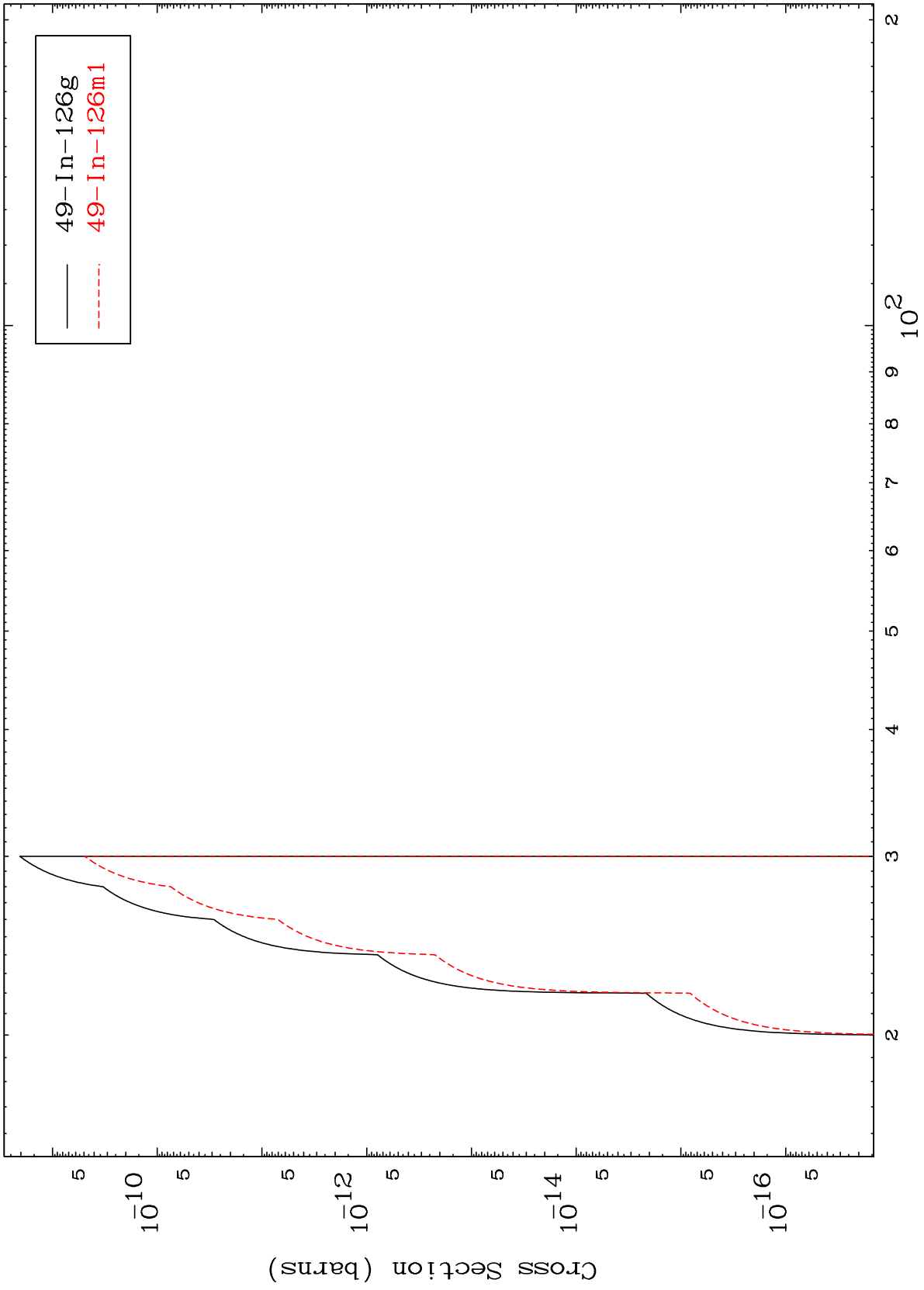
Incident Energy (MeV)

49-In-124

MAT 4958

49-In-124

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



25

49-In-124