

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

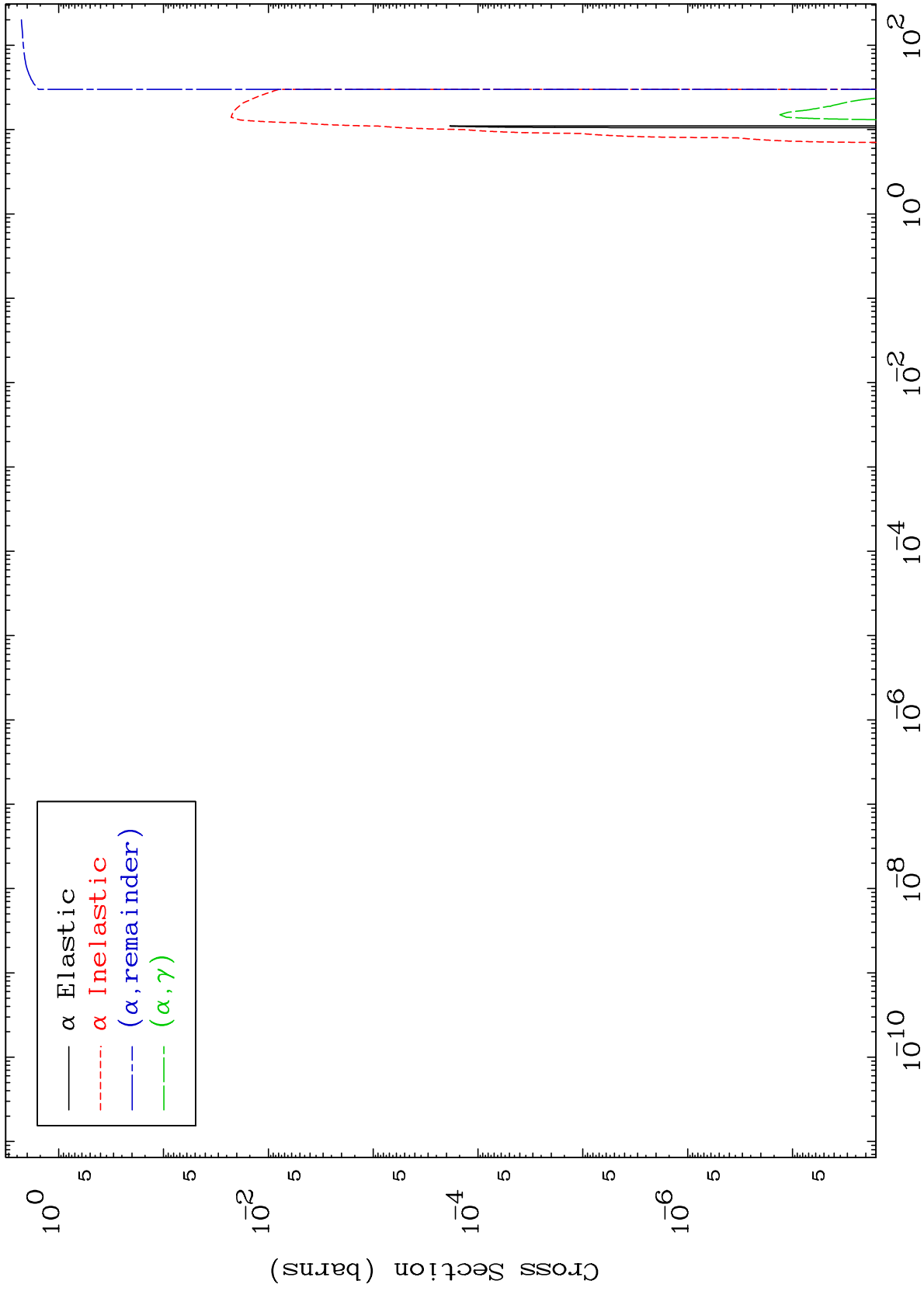
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4964

0 Kelvin  $\alpha$  Major  
Cross Sections

49-In-126



1

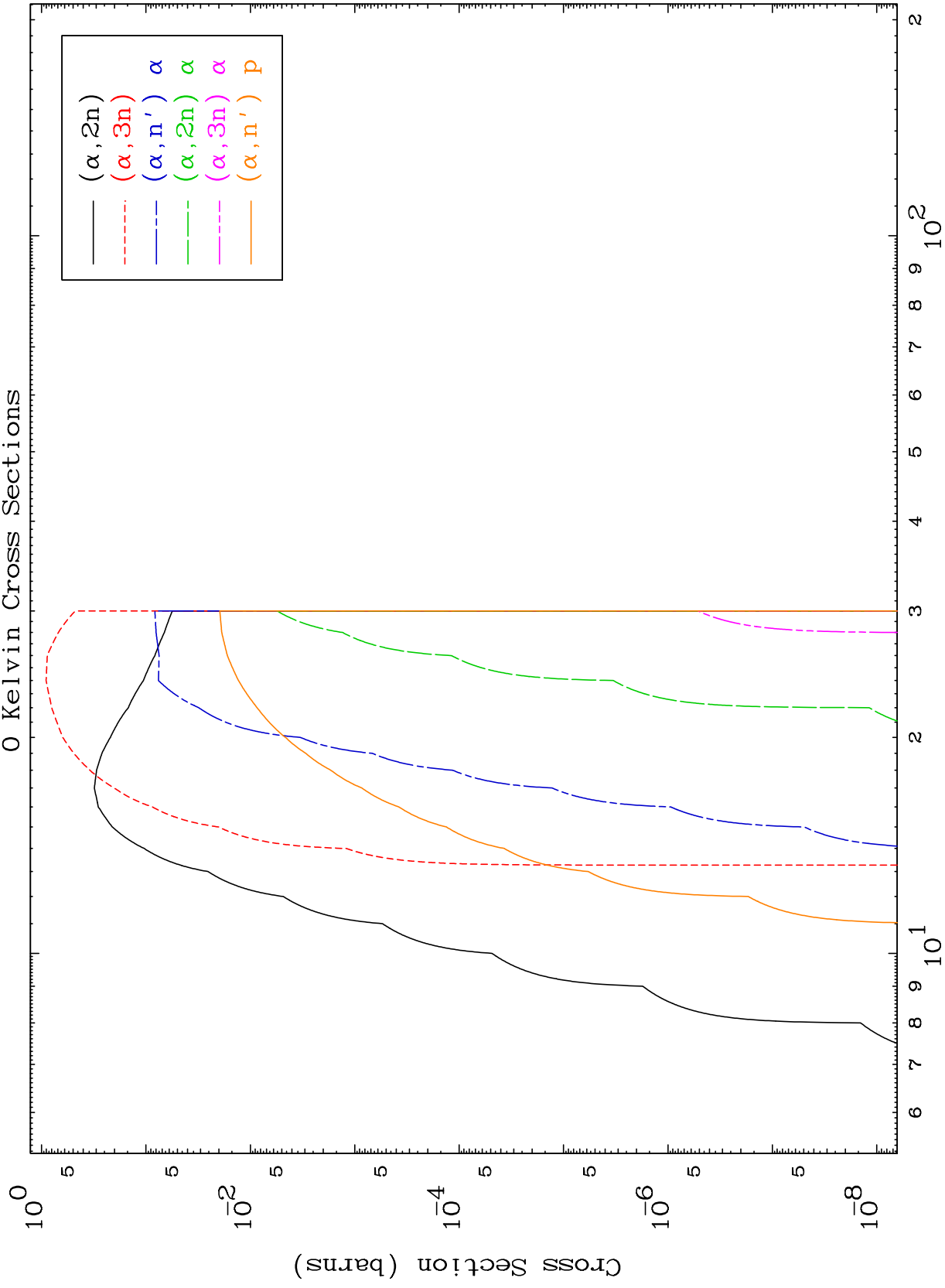
Incident Energy (MeV)

49-In-126

MAT 4964

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

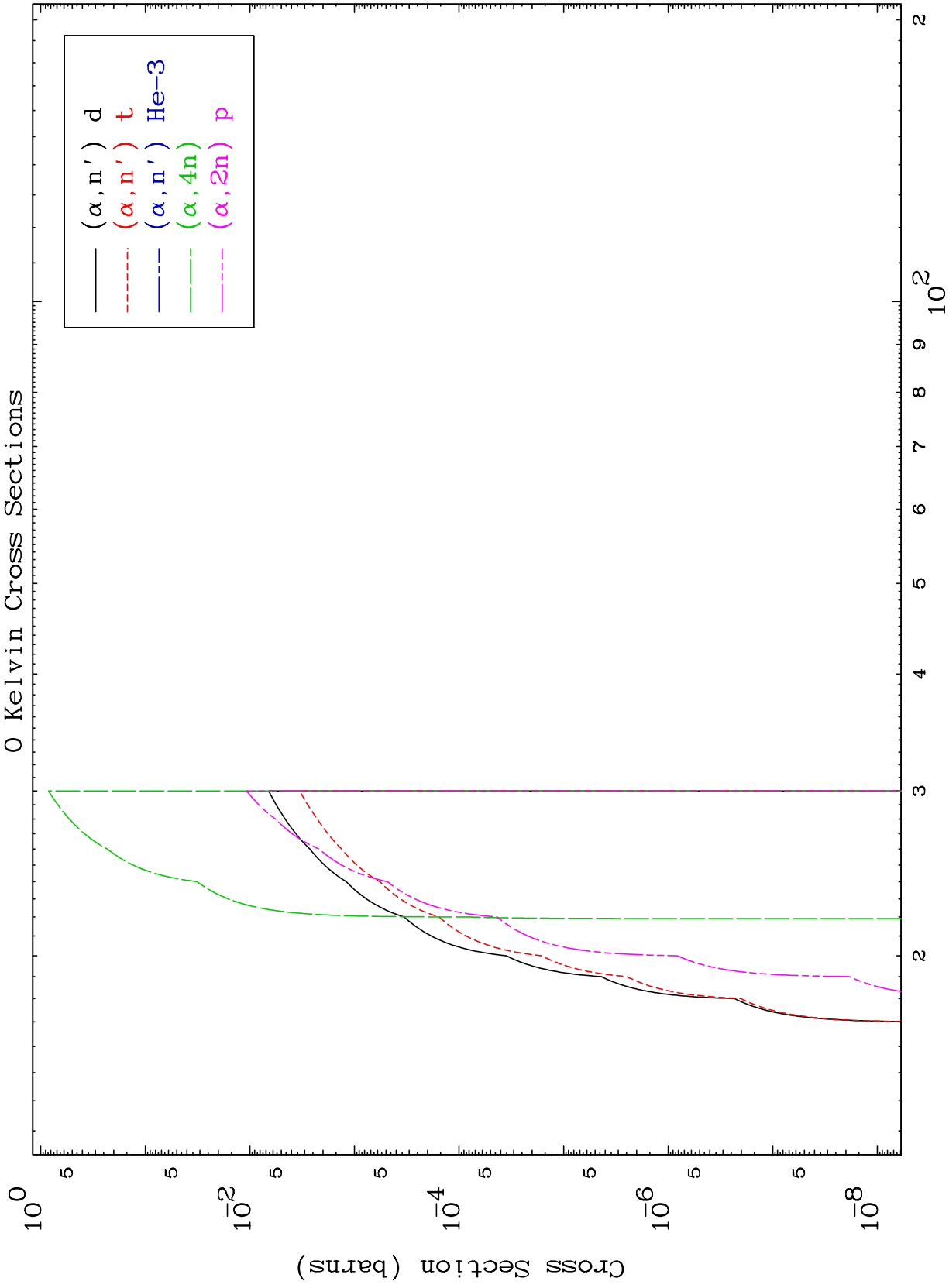
49-In-126

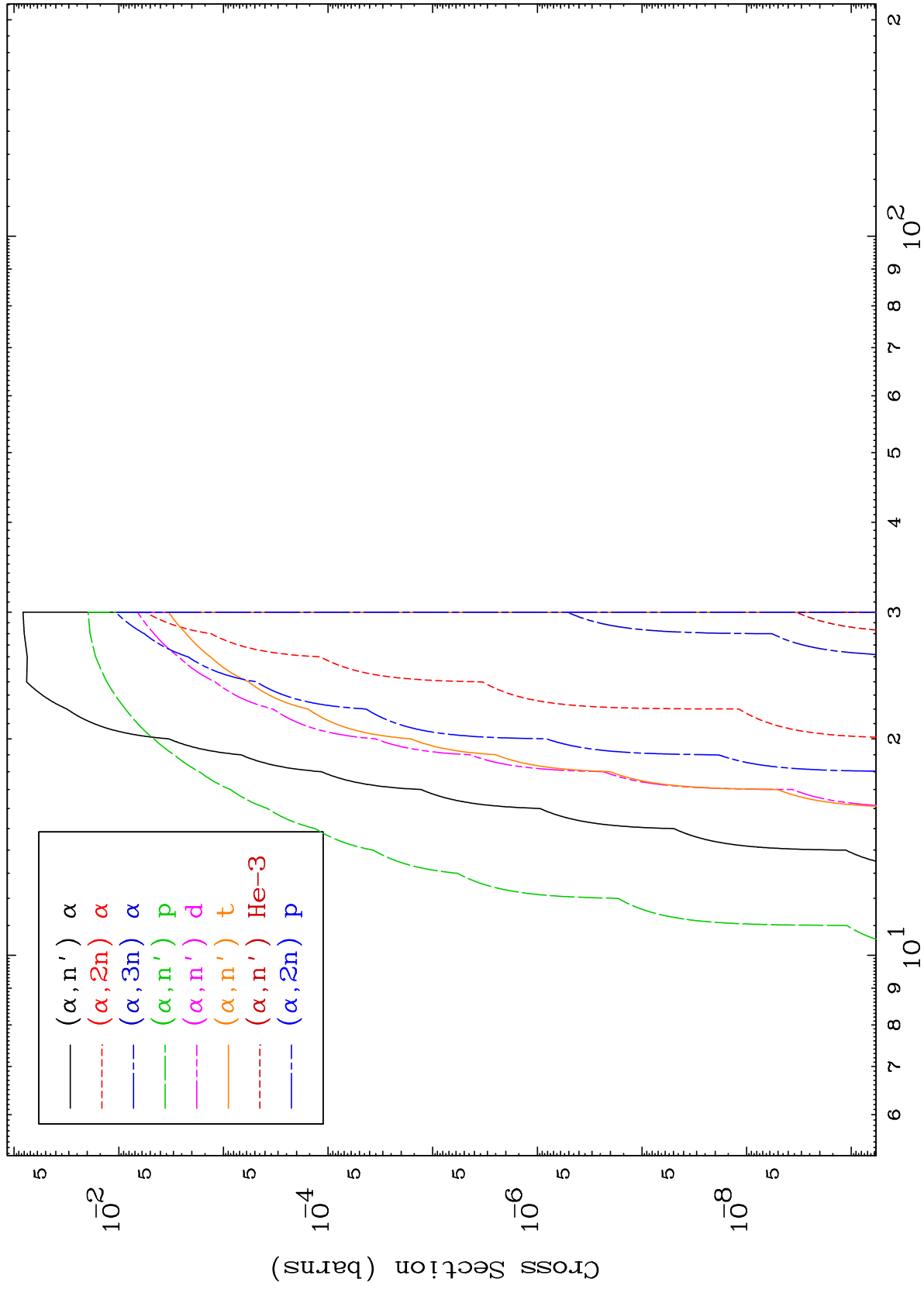


2

Incident Energy (MeV)

49-In-126

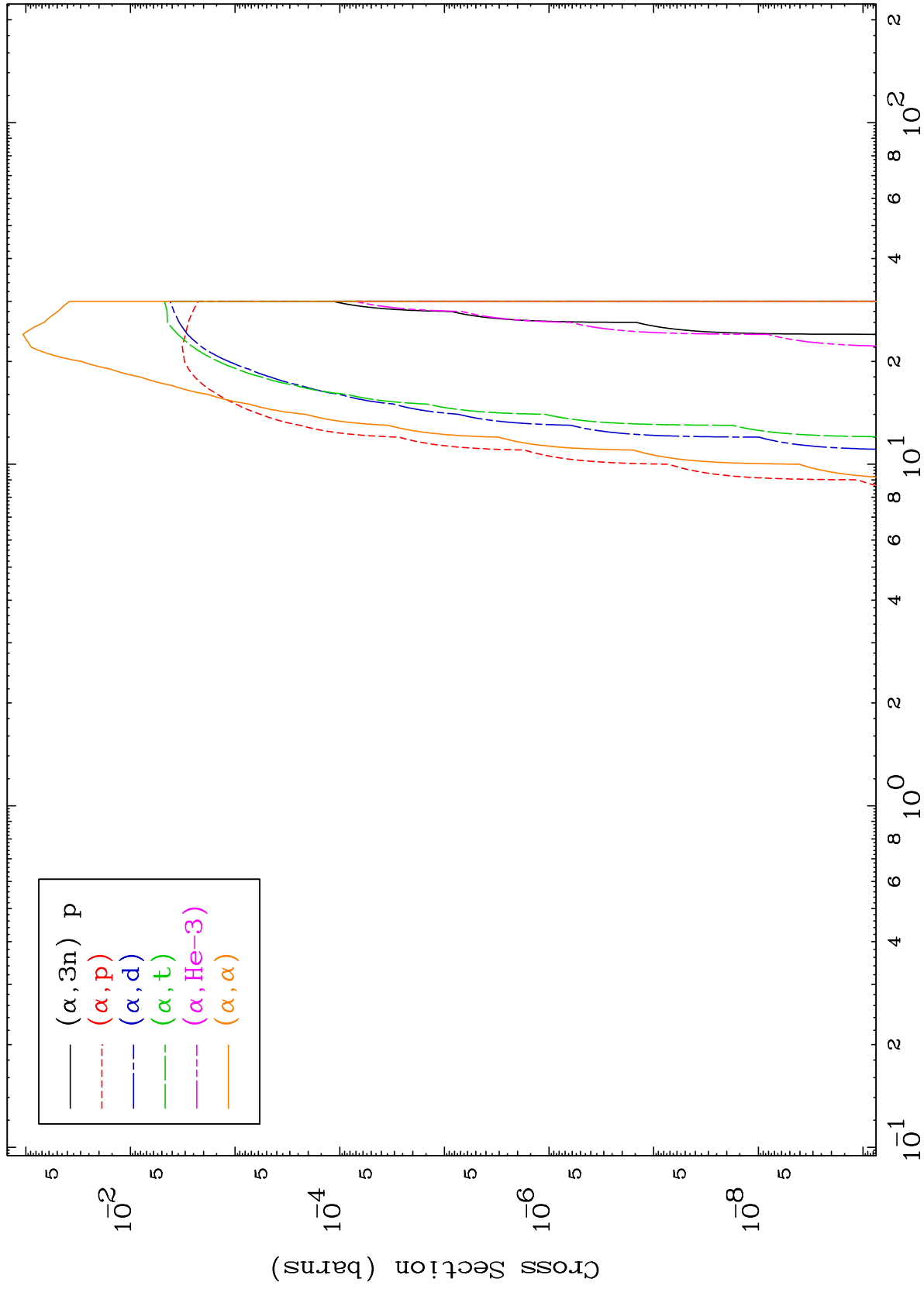




MAT 4964

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

49-In-126



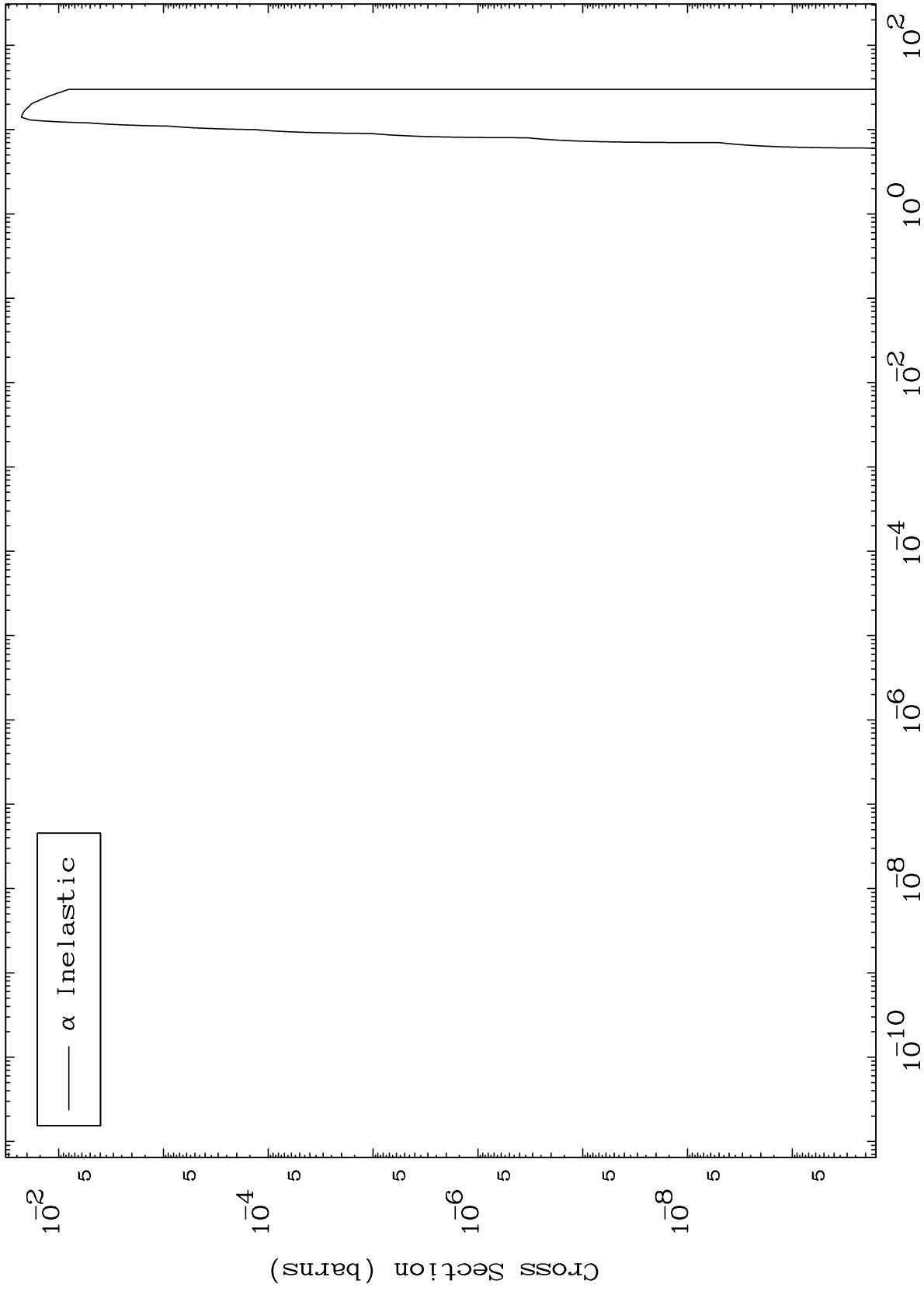
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



6

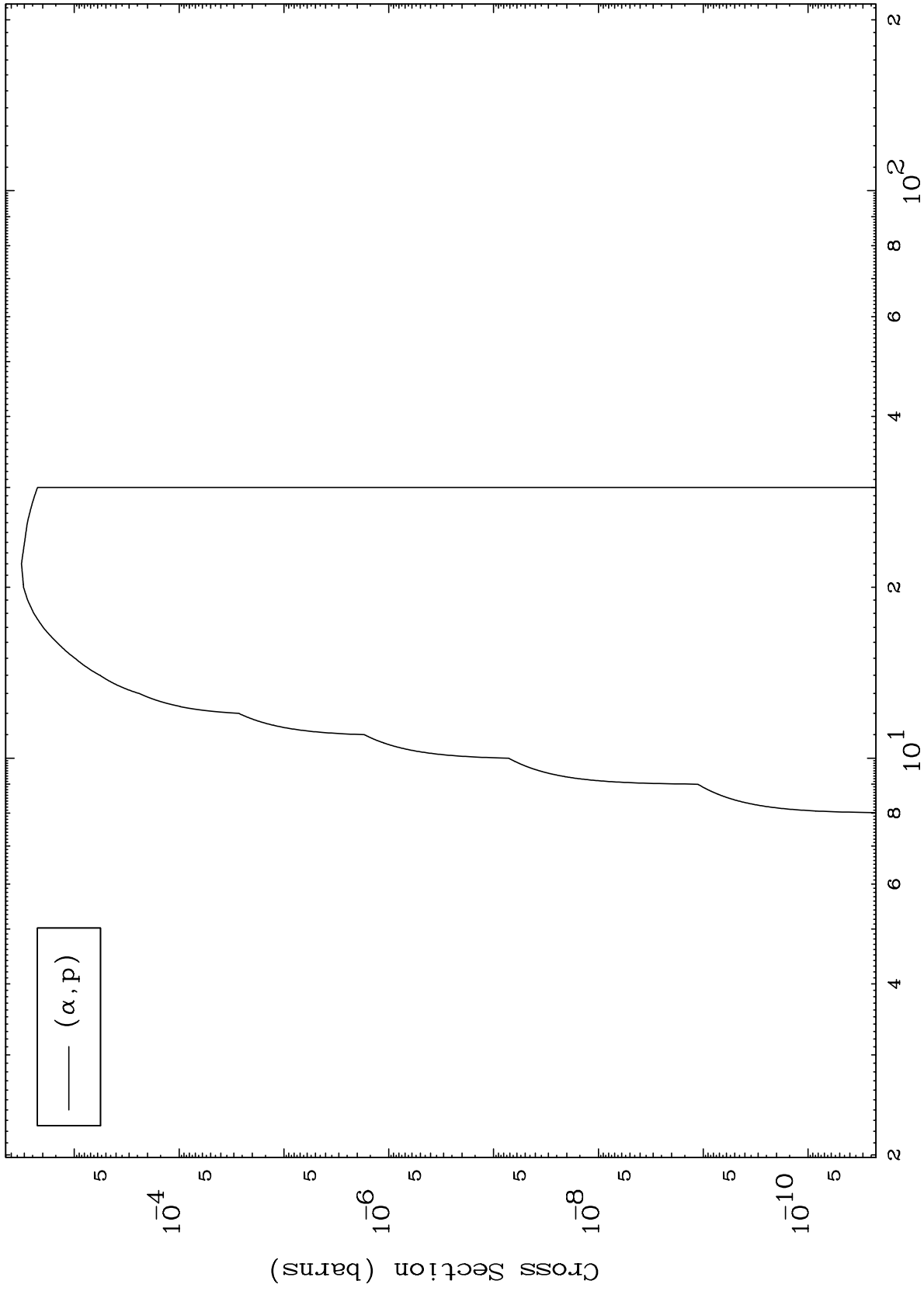
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



7

Incident Energy (MeV)

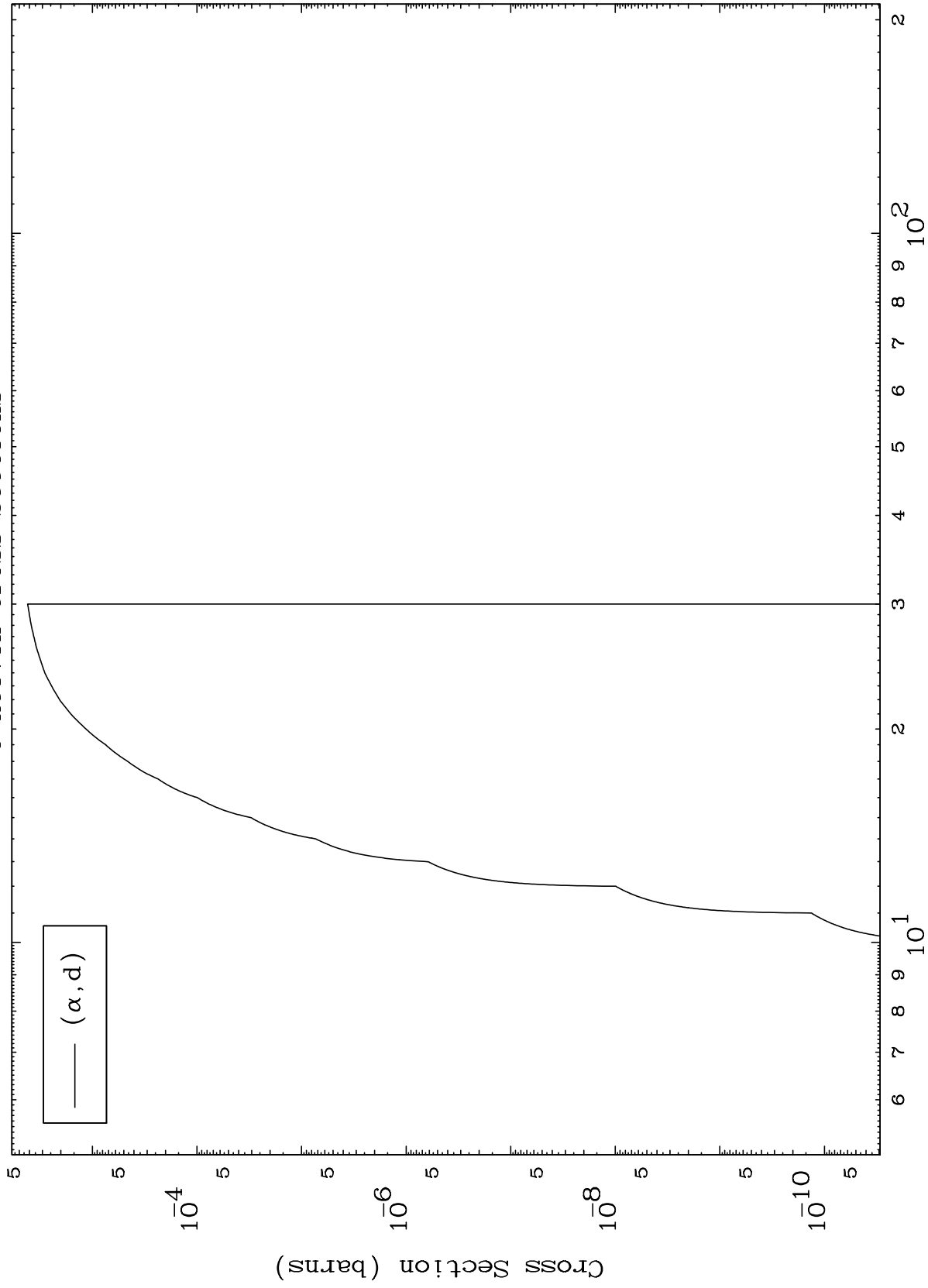
49-In-126



MAT 4964

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

49-In-126



8

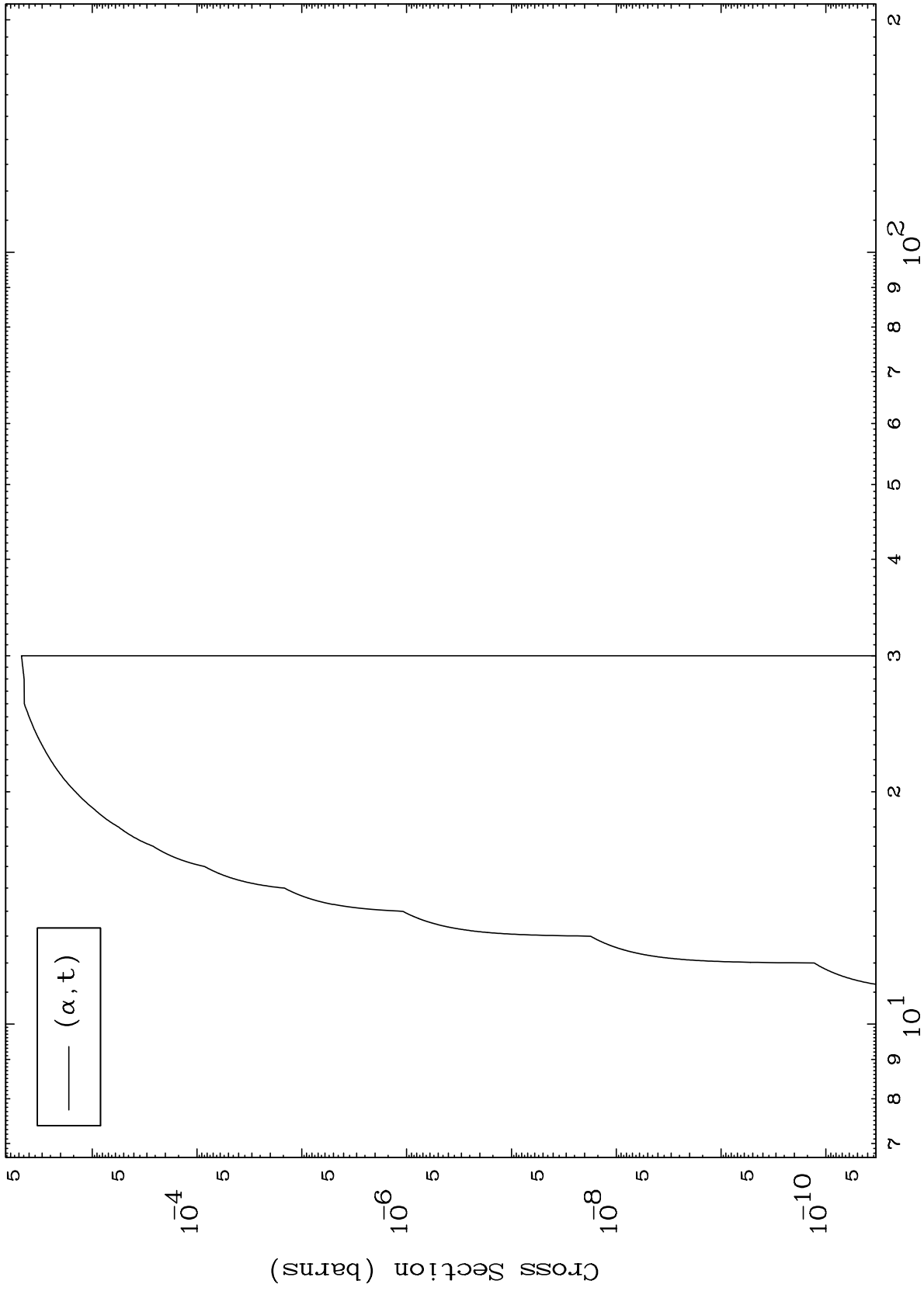
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



9

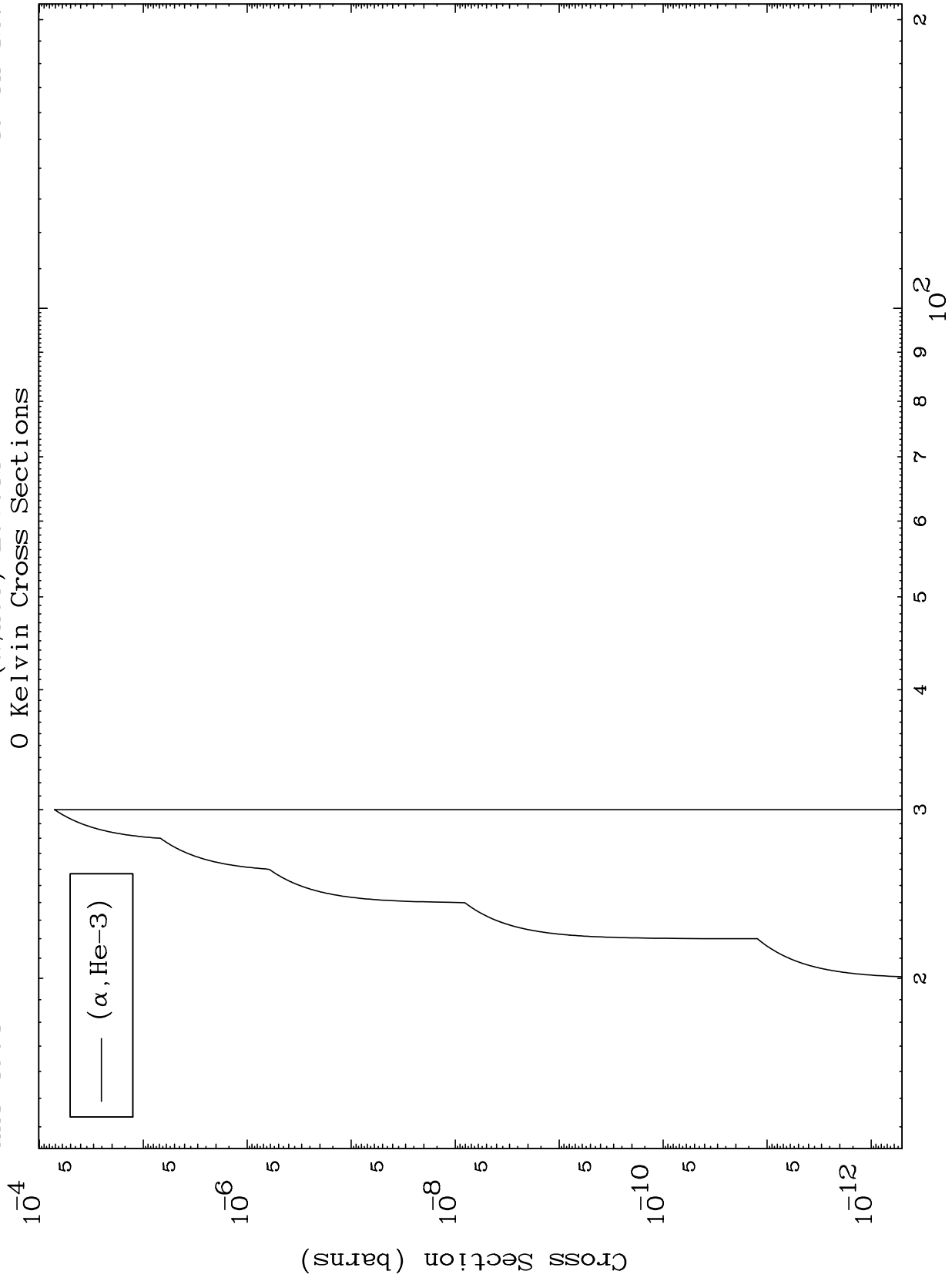
Incident Energy (MeV)

49-In-126

MAT 4964

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

49-In-126



10

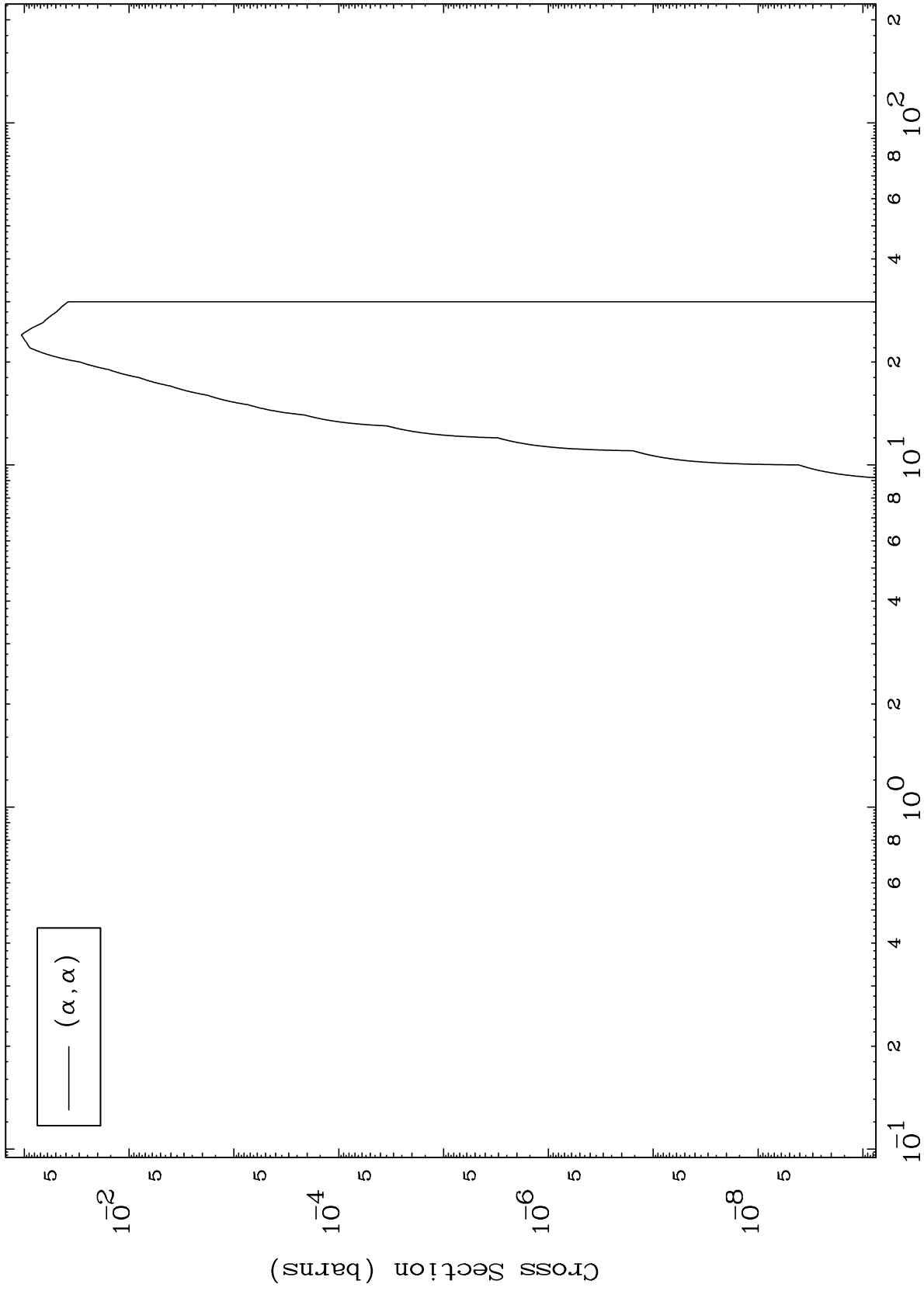
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



11

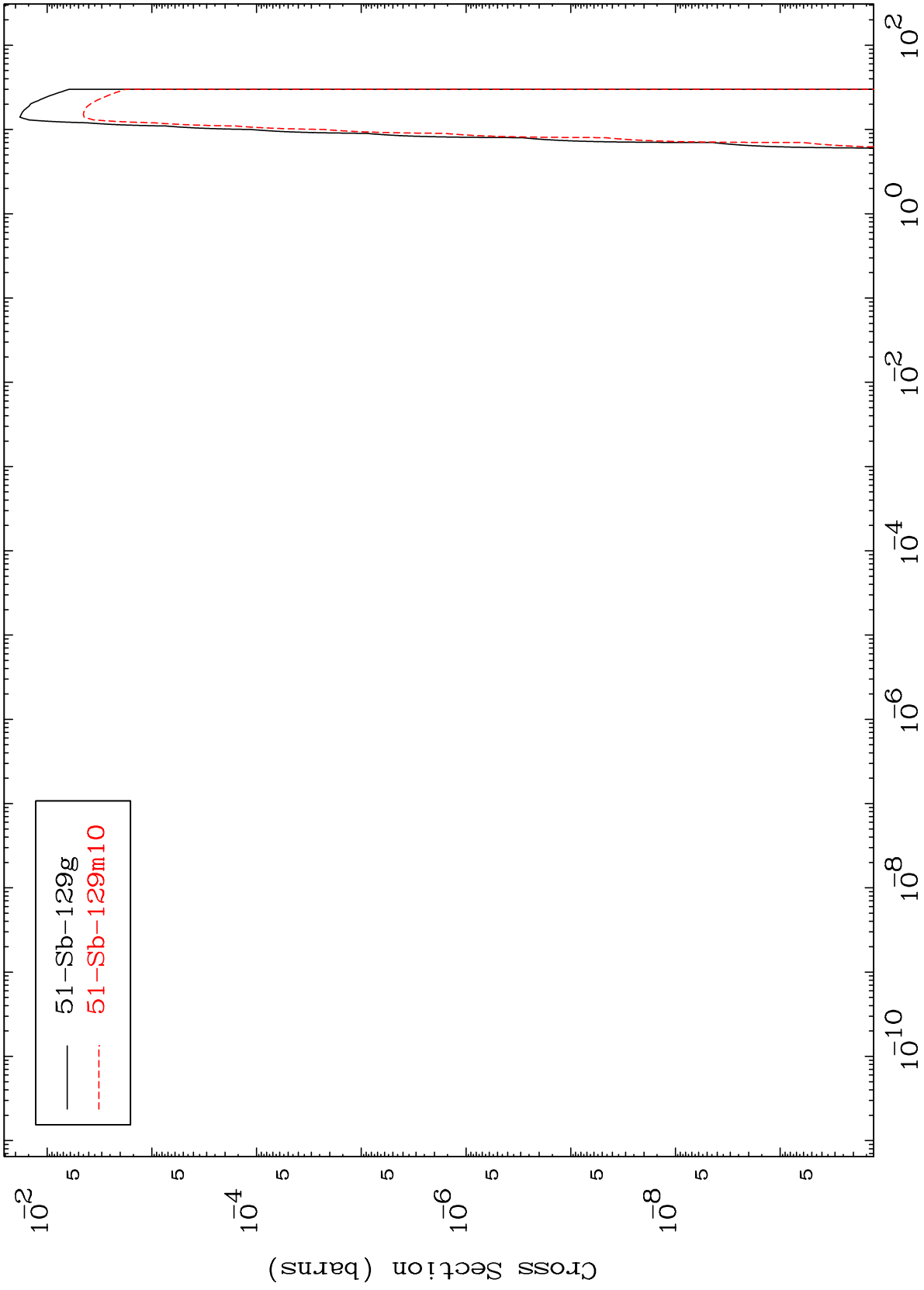
Incident Energy (MeV)

49-In-126

MAT 4964

Radionuclide Production Cross Section

49-In-126



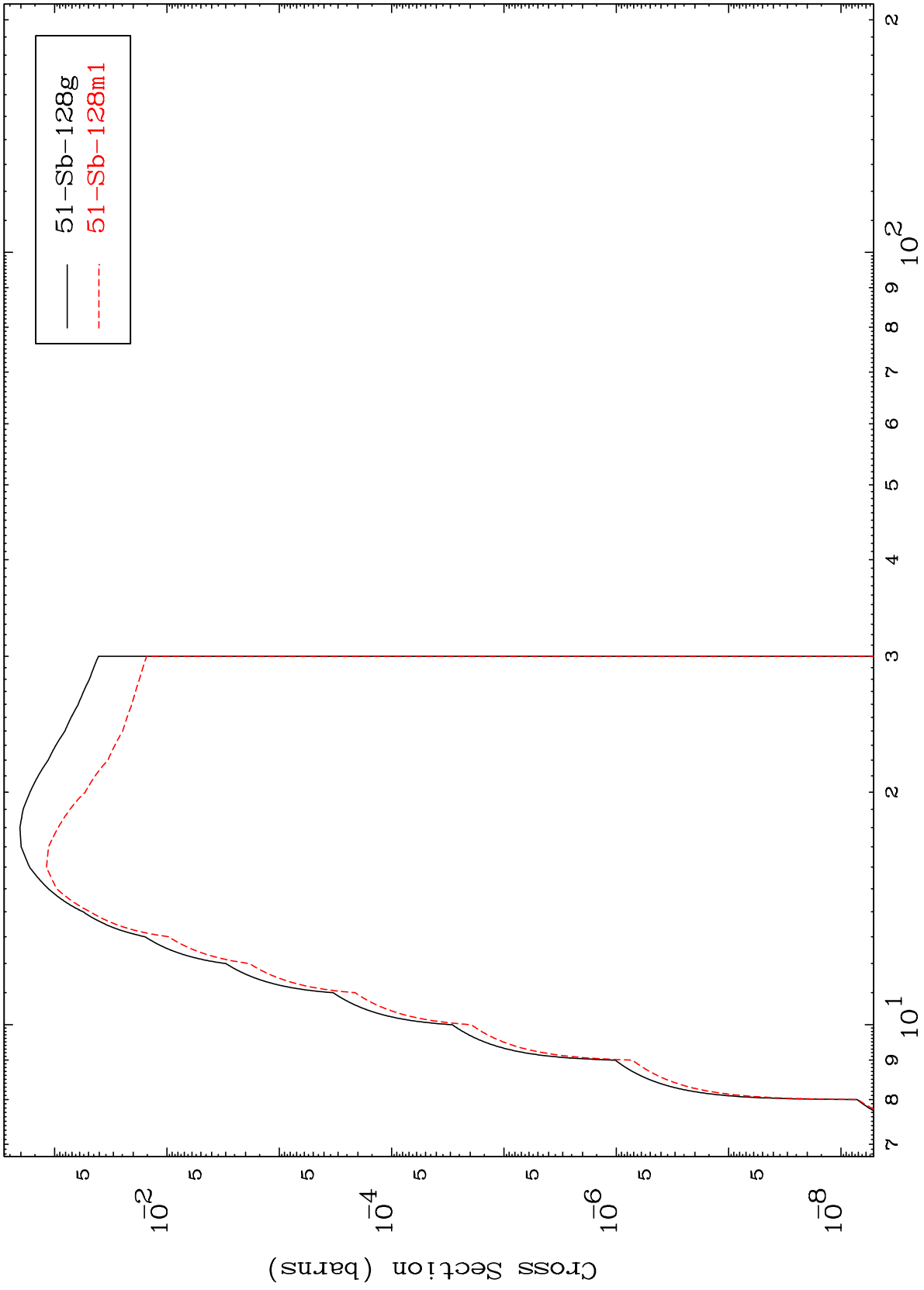
12

49-In-126

MAT 4964

49-In-126

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



13

Incident Energy (MeV)

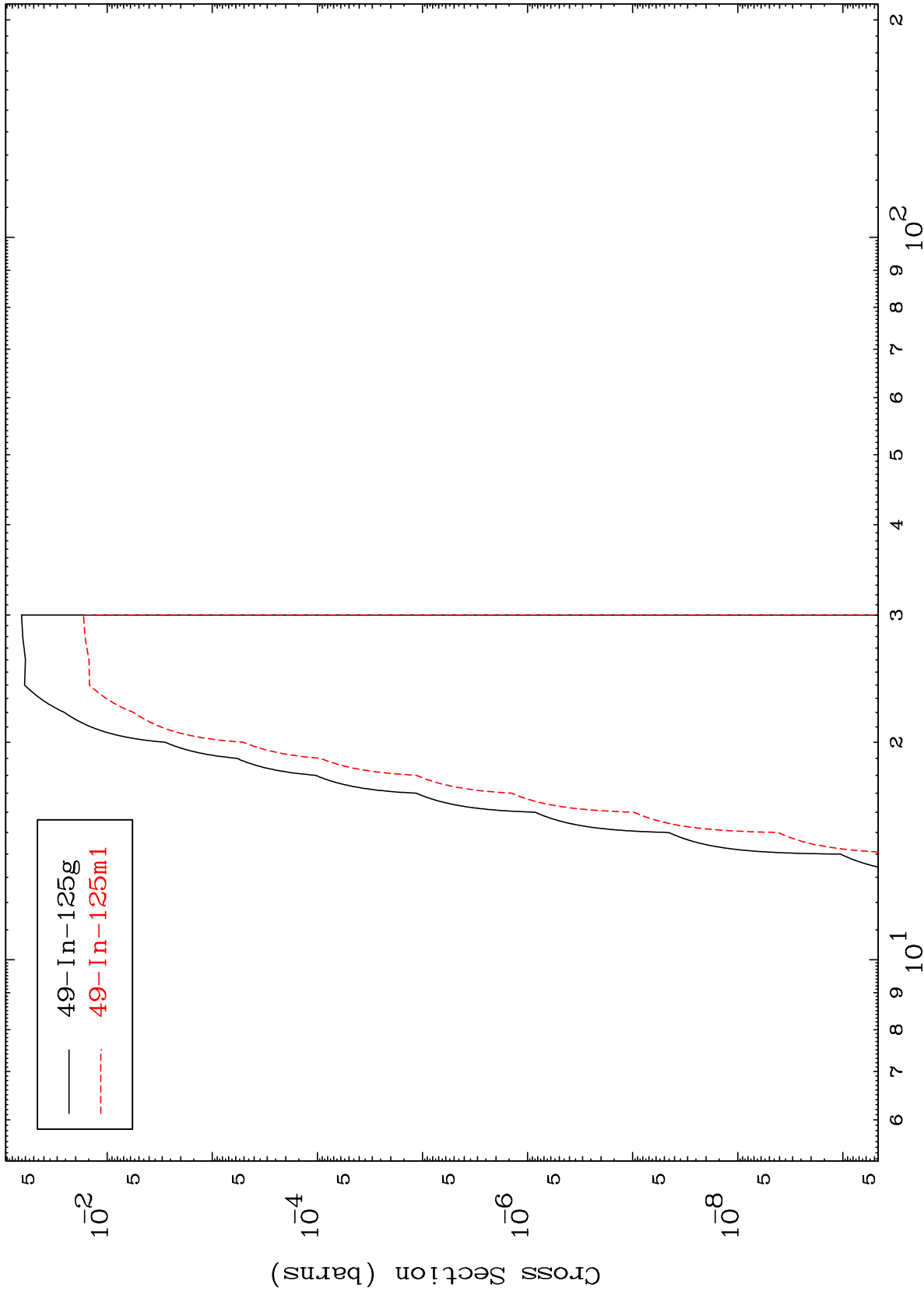
49-In-126

MAT 4964

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

49-In-126

Radionuclide Production Cross Section



14

Incident Energy (MeV)

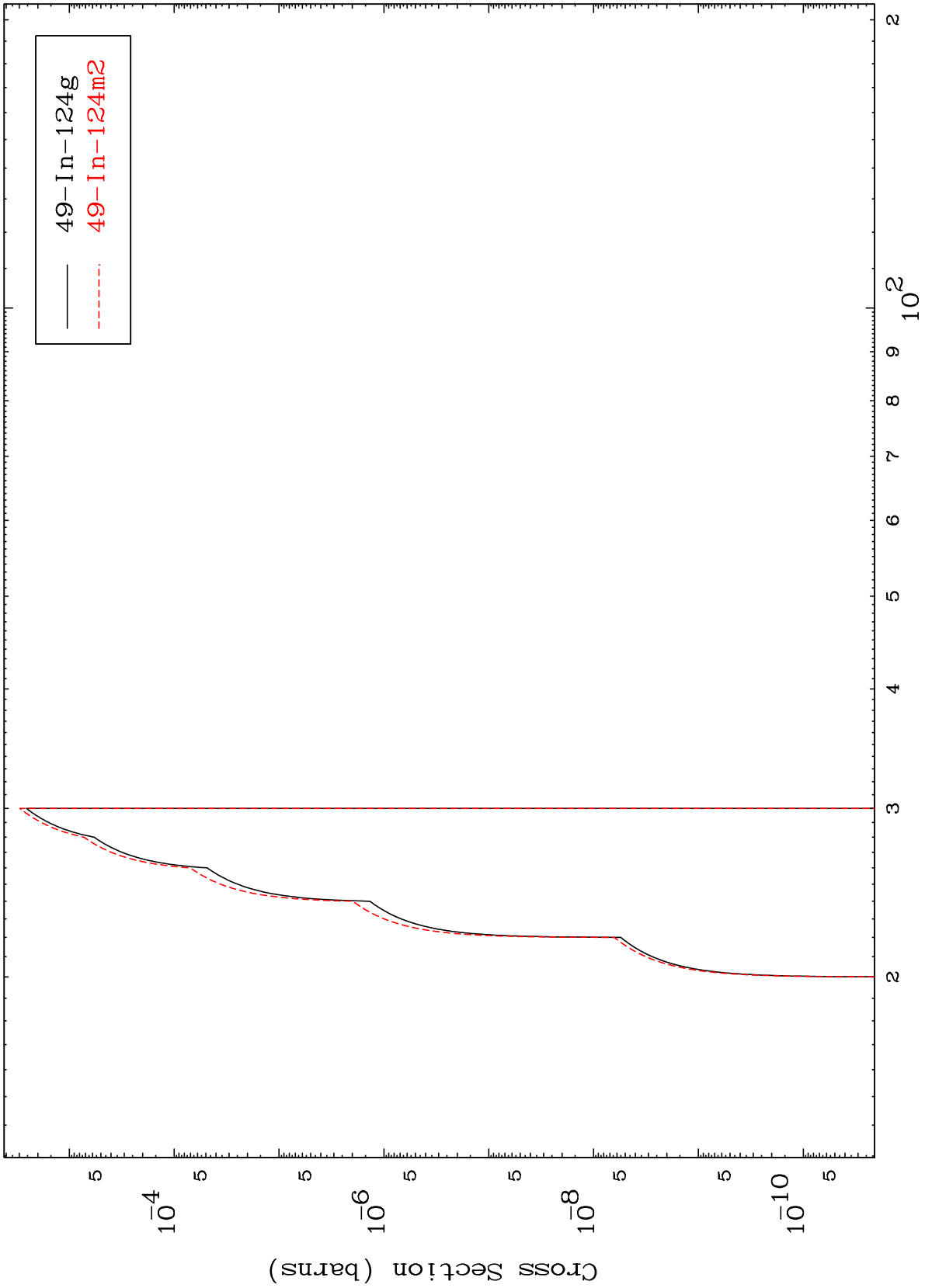
49-In-126

MAT 4964

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

49-In-126

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-126

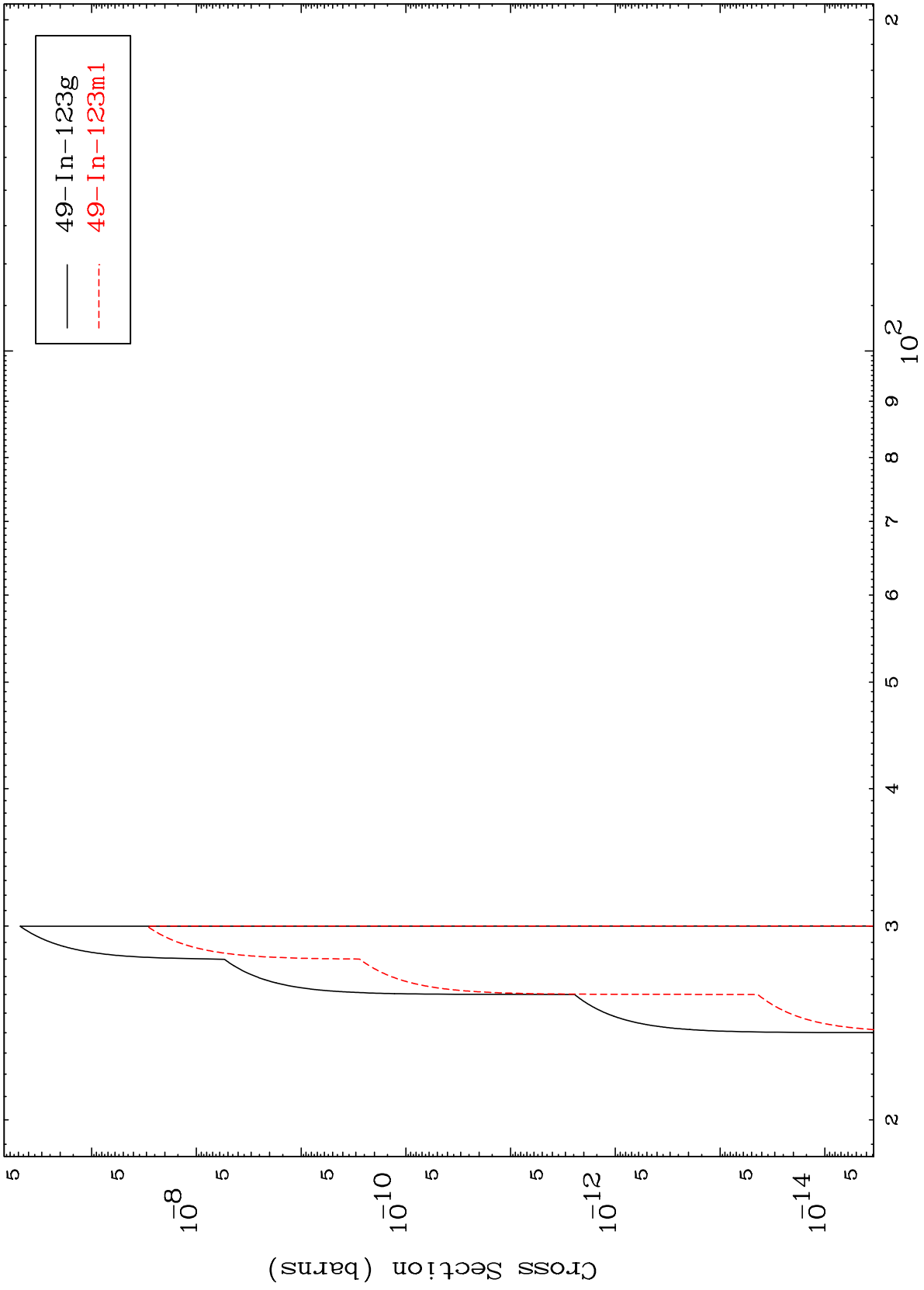


MAT 4964

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

49-In-126

Radionuclide Production Cross Section



16

Incident Energy (MeV)

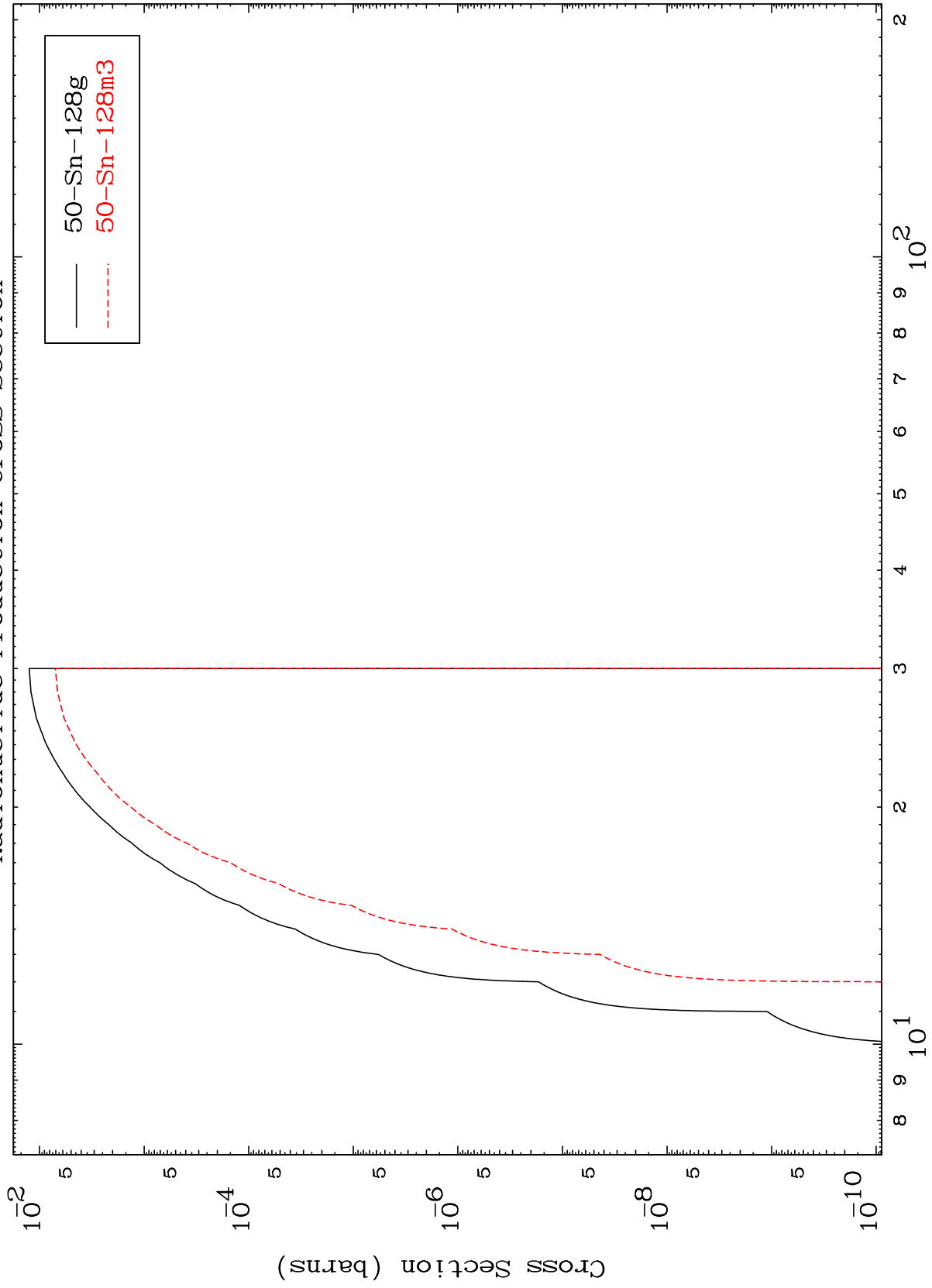
49-In-126

MAT 4964

( $\alpha, n'$ ) p

49-In-126

Radionuclide Production Cross Section



17

Incident Energy (MeV)

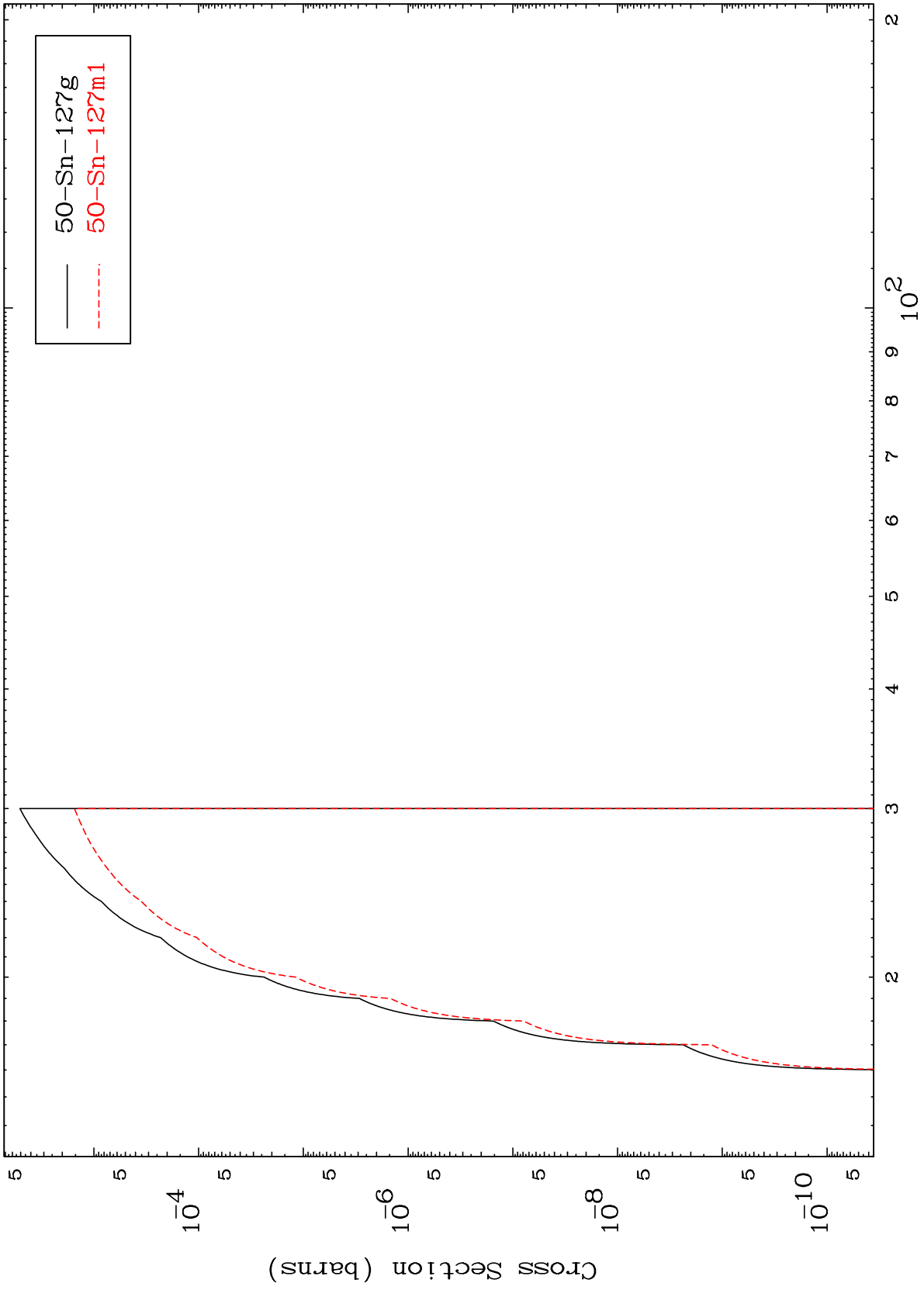
49-In-126

MAT 4964

( $\alpha, n'$ ) d

49-In-126

Radionuclide Production Cross Section



18

Incident Energy (MeV)

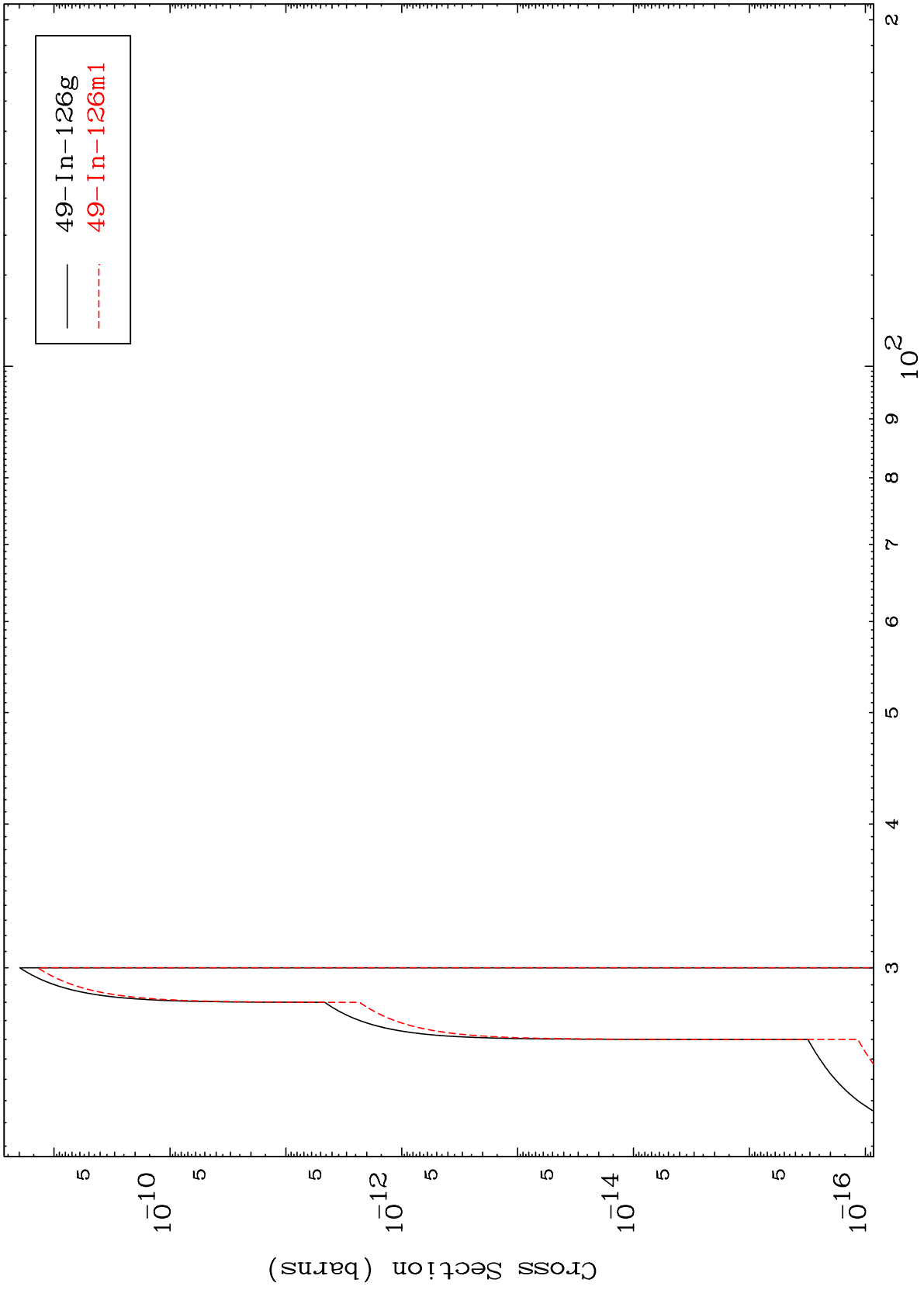
49-In-126

MAT 4964

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

49-In-126

Radionuclide Production Cross Section



19

Incident Energy (MeV)

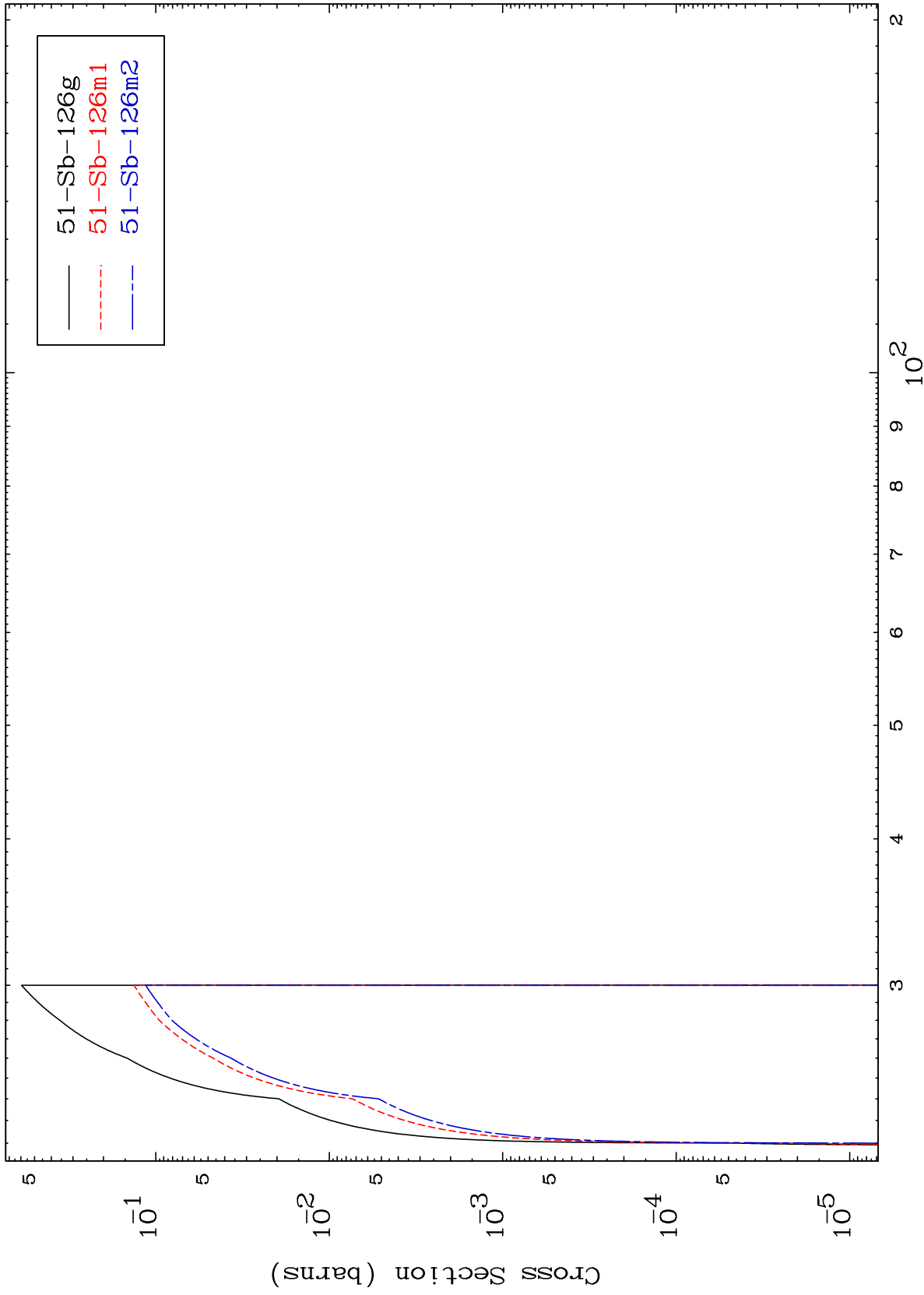
49-In-126

MAT 4964

( $\alpha, 4n$ )

49-In-126

Radionuclide Production Cross Section



20

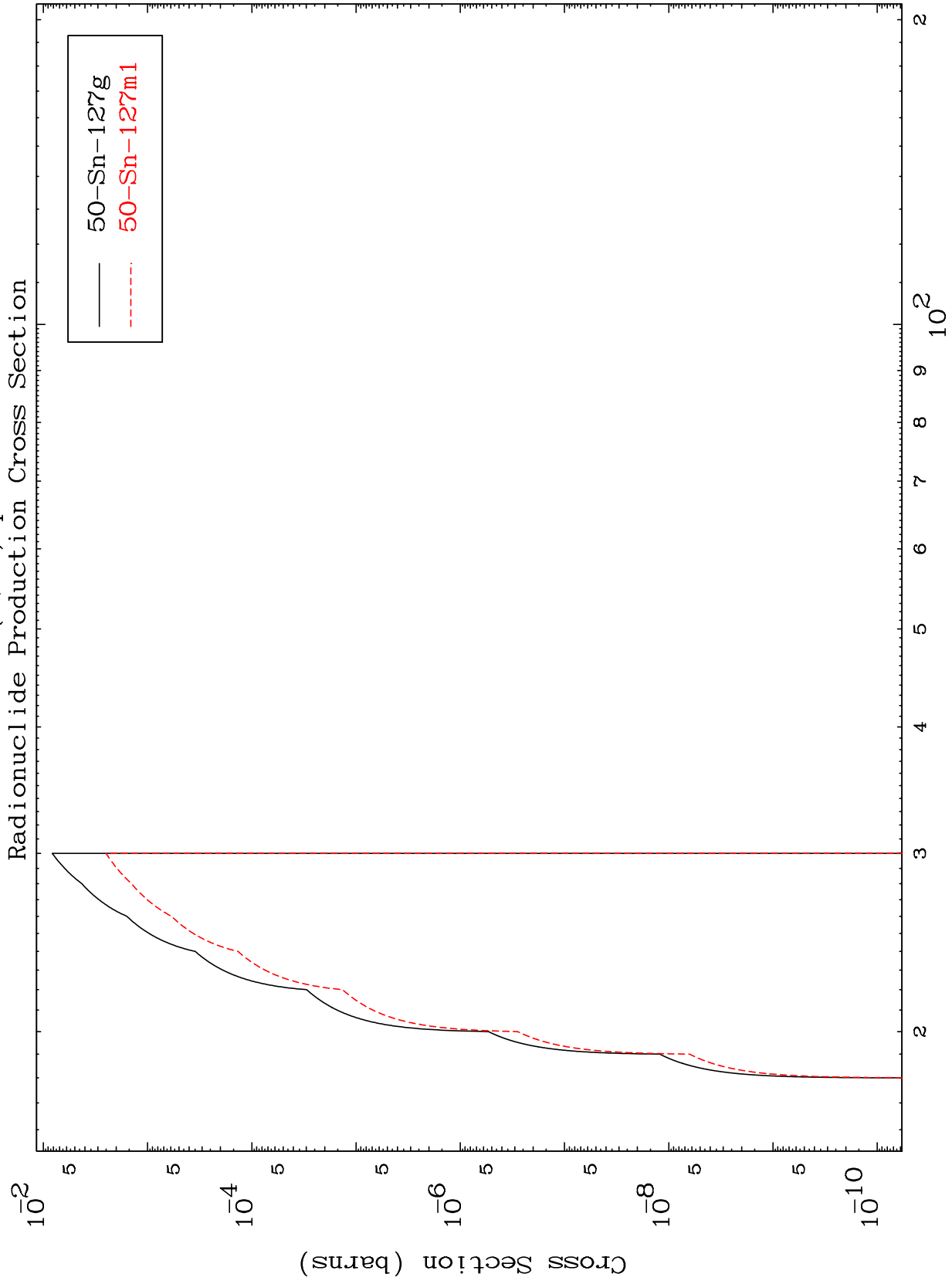
Incident Energy (MeV)

49-In-126

MAT 4964

( $\alpha, 2n$ ) p

49-In-126



21

Incident Energy (MeV)

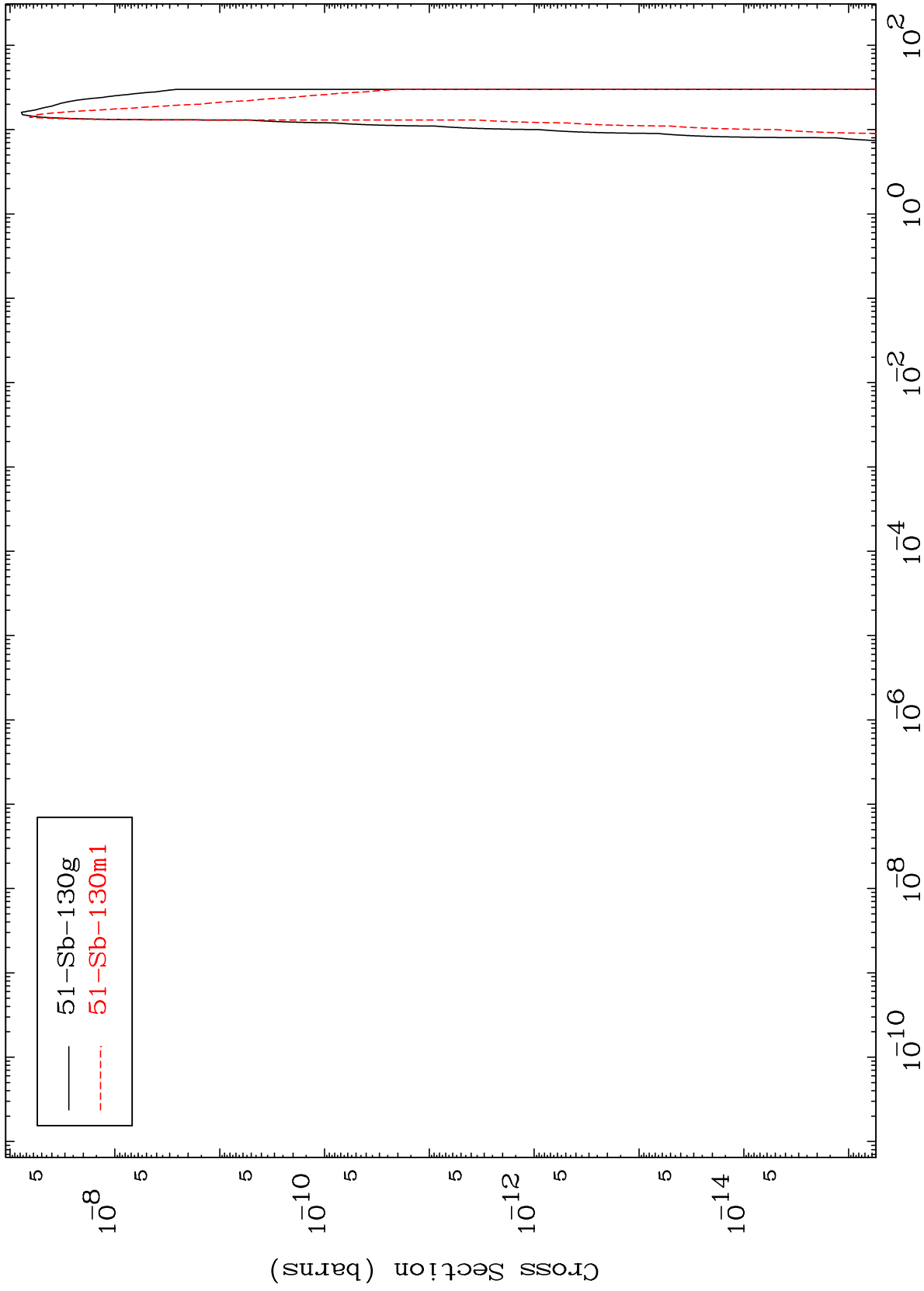
49-In-126

MAT 4964

( $\alpha, \gamma$ )

49-In-126

Radionuclide Production Cross Section



22

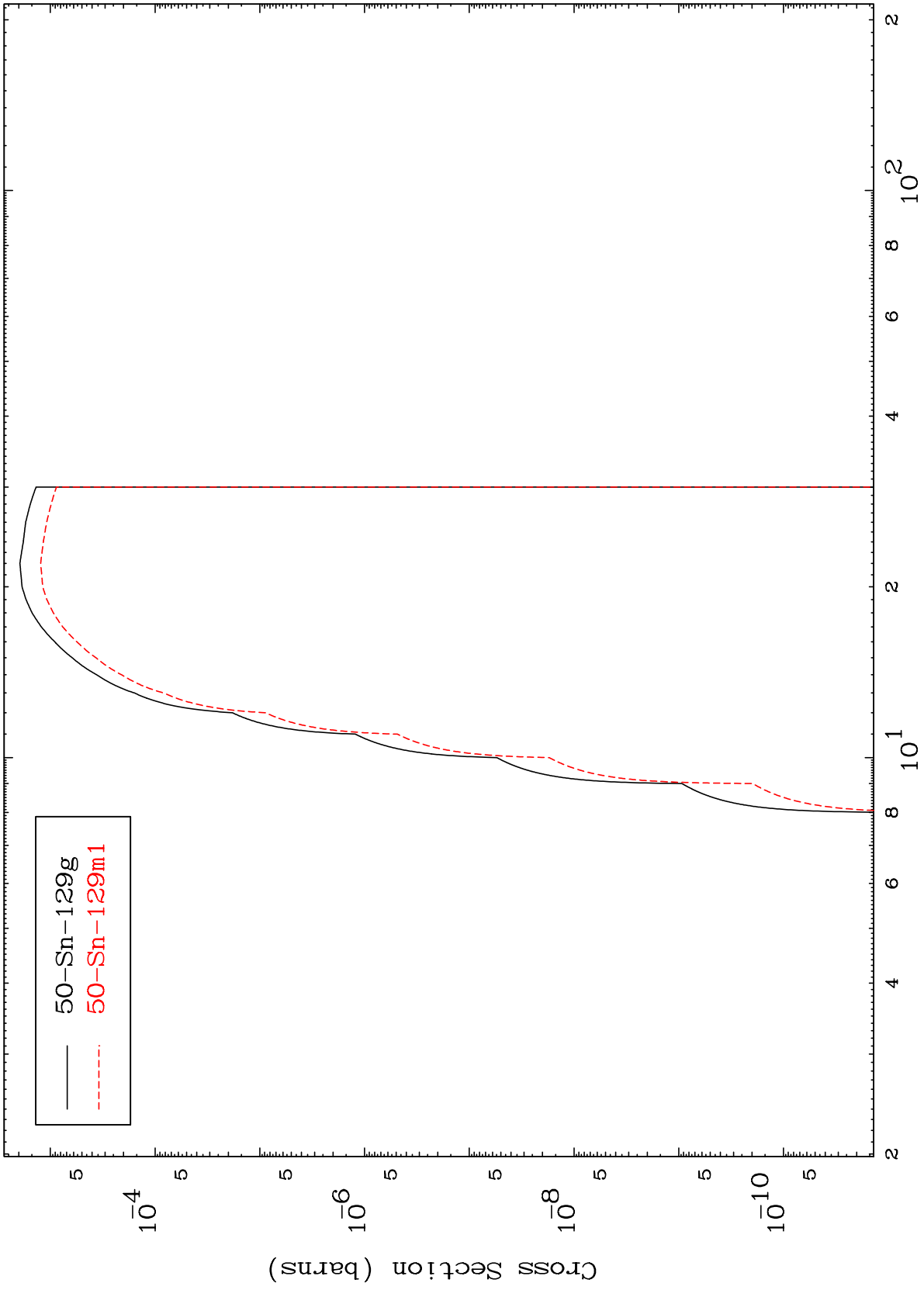
Incident Energy (MeV)

49-In-126

MAT 4964

49-In-126

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



23

49-In-126

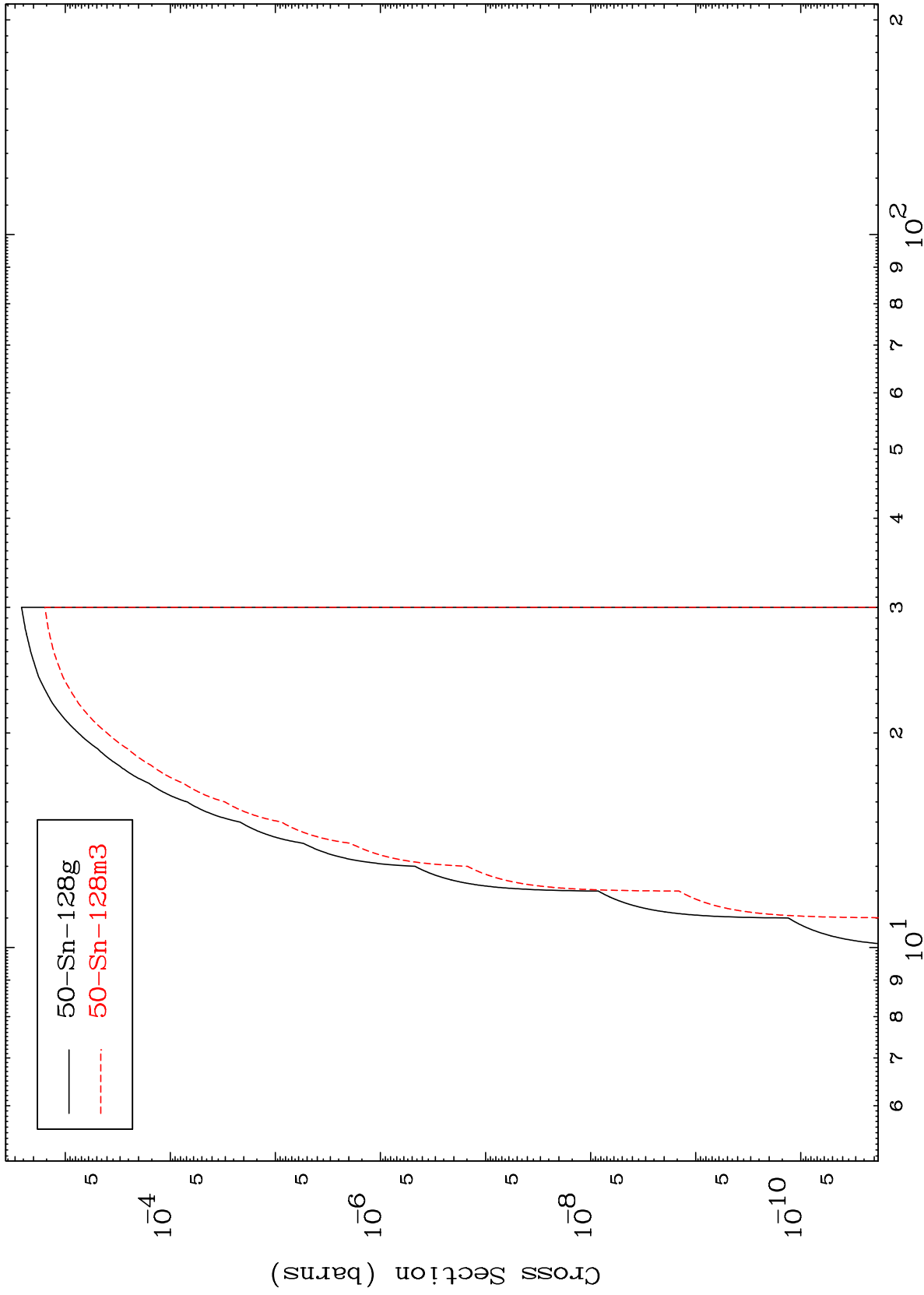


MAT 4964

( $\alpha, d$ )

49-In-126

Radionuclide Production Cross Section



24

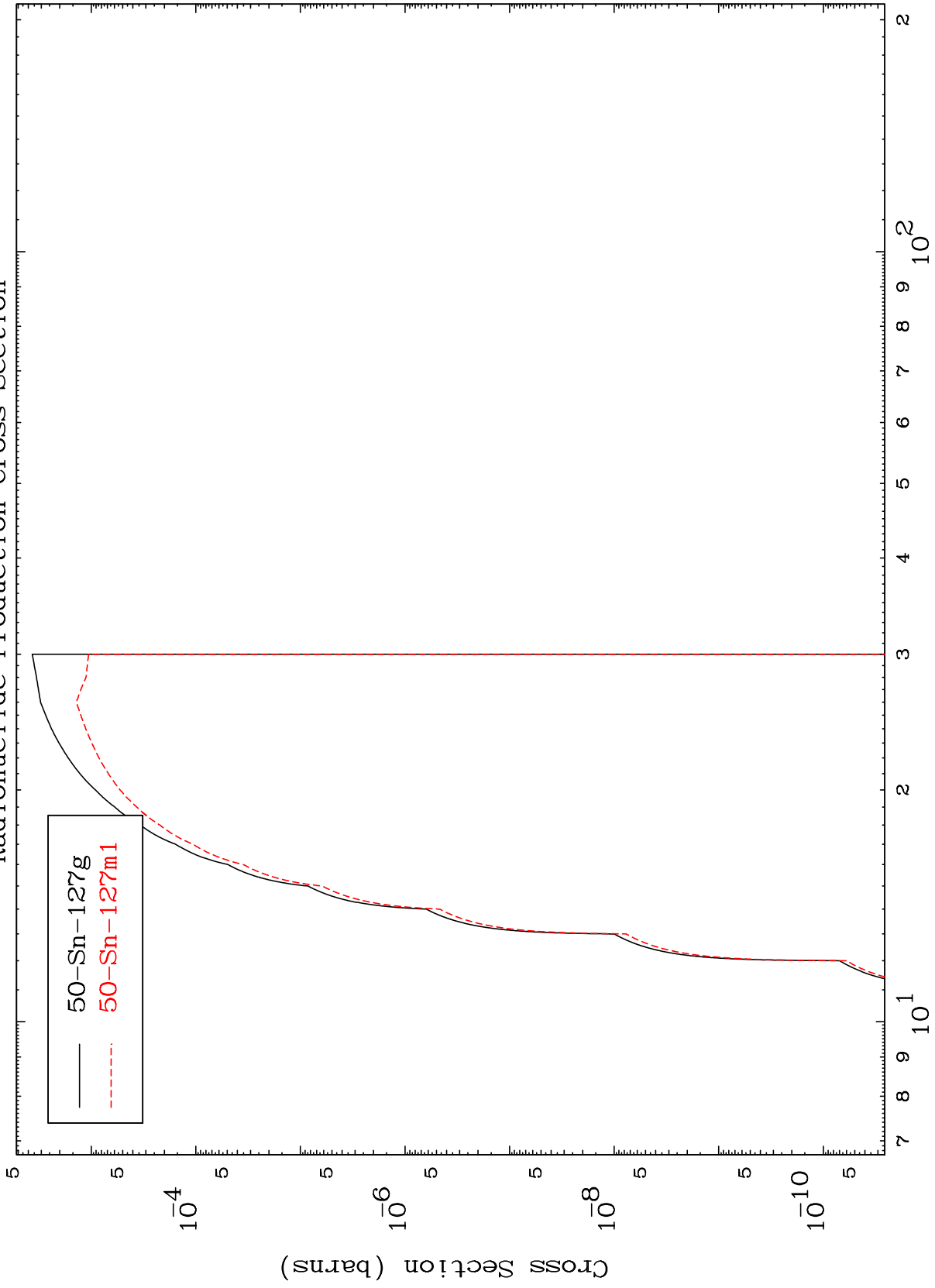
49-In-126

49-In-126

MAT 4964

49-In-126

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



25

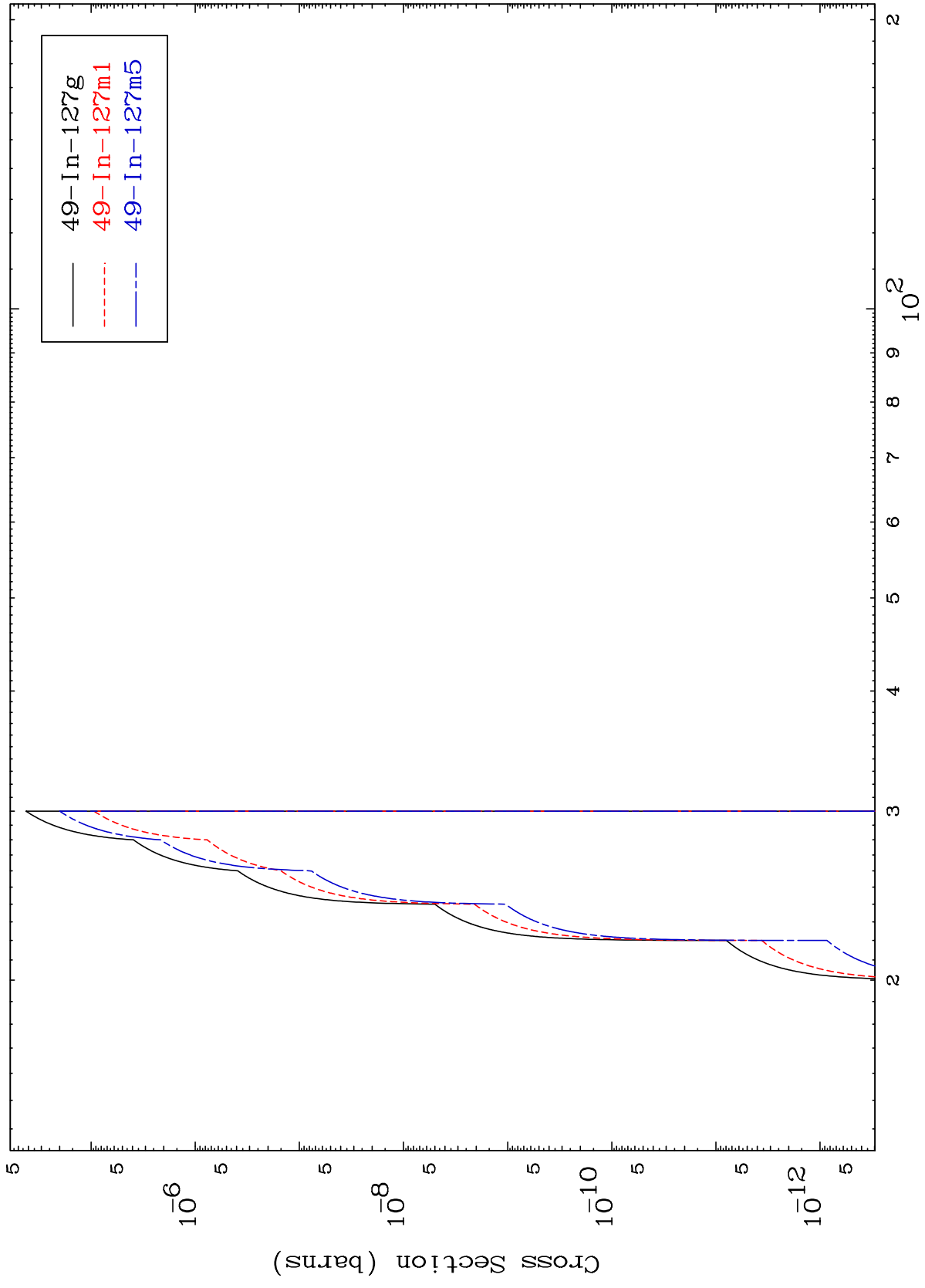
49-In-126

MAT 4964

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

49-In-126

Radionuclide Production Cross Section



26

Incident Energy (MeV)

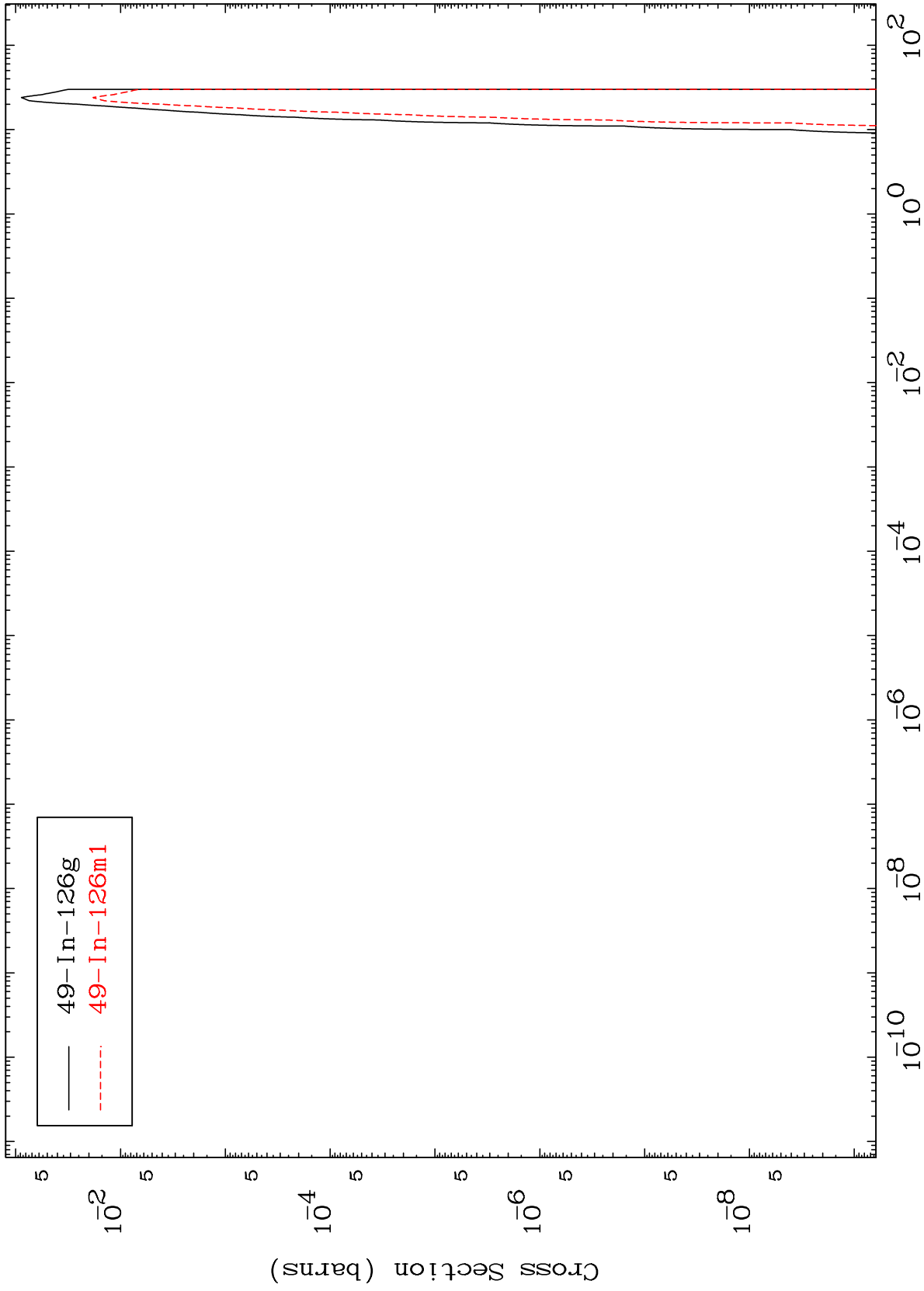
49-In-126

MAT 4964

( $\alpha, \alpha$ )

49-In-126

Radionuclide Production Cross Section



27

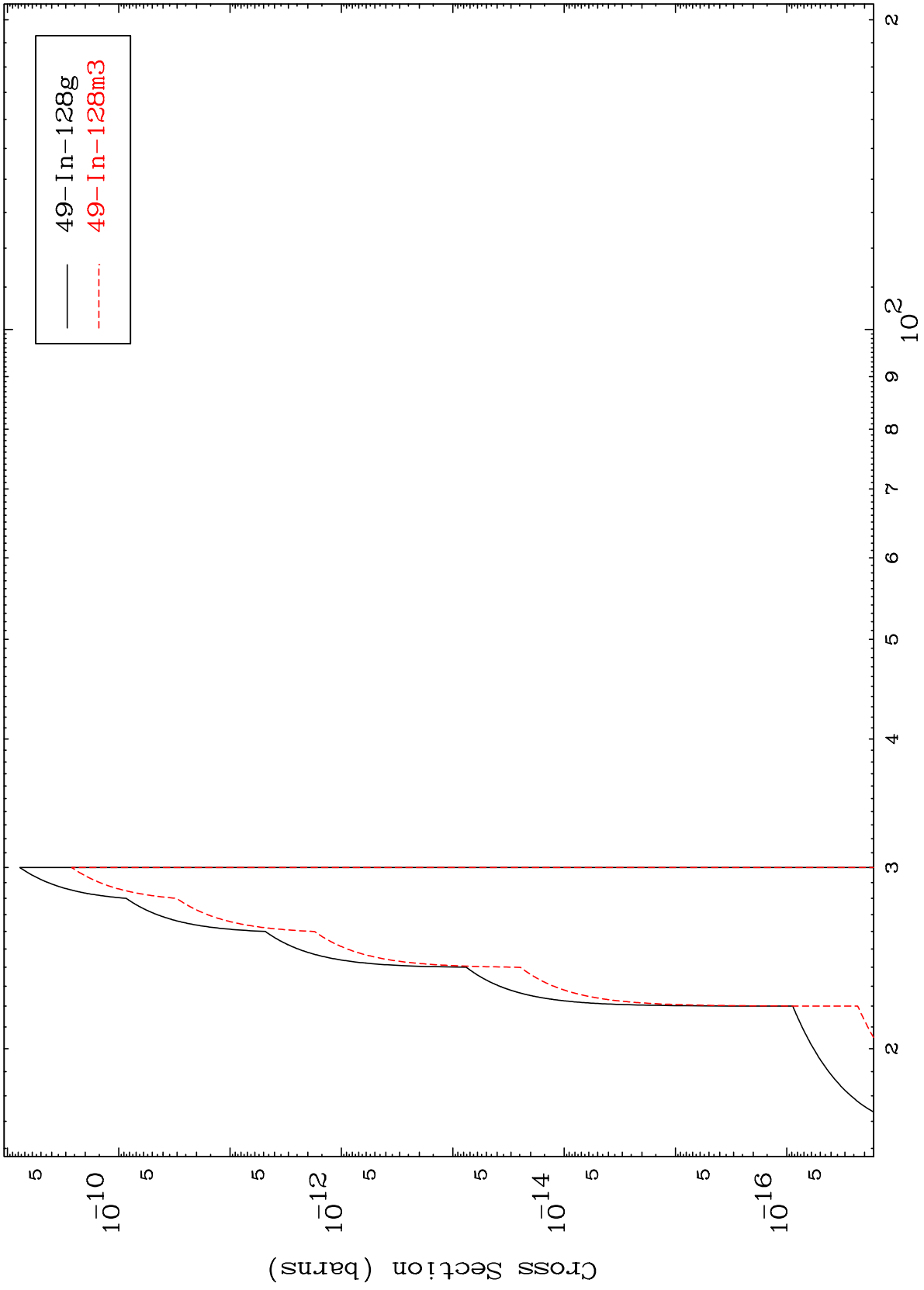
Incident Energy (MeV)

49-In-126

MAT 4964

49-In-126

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



28

49-In-126

Incident Energy (MeV)