

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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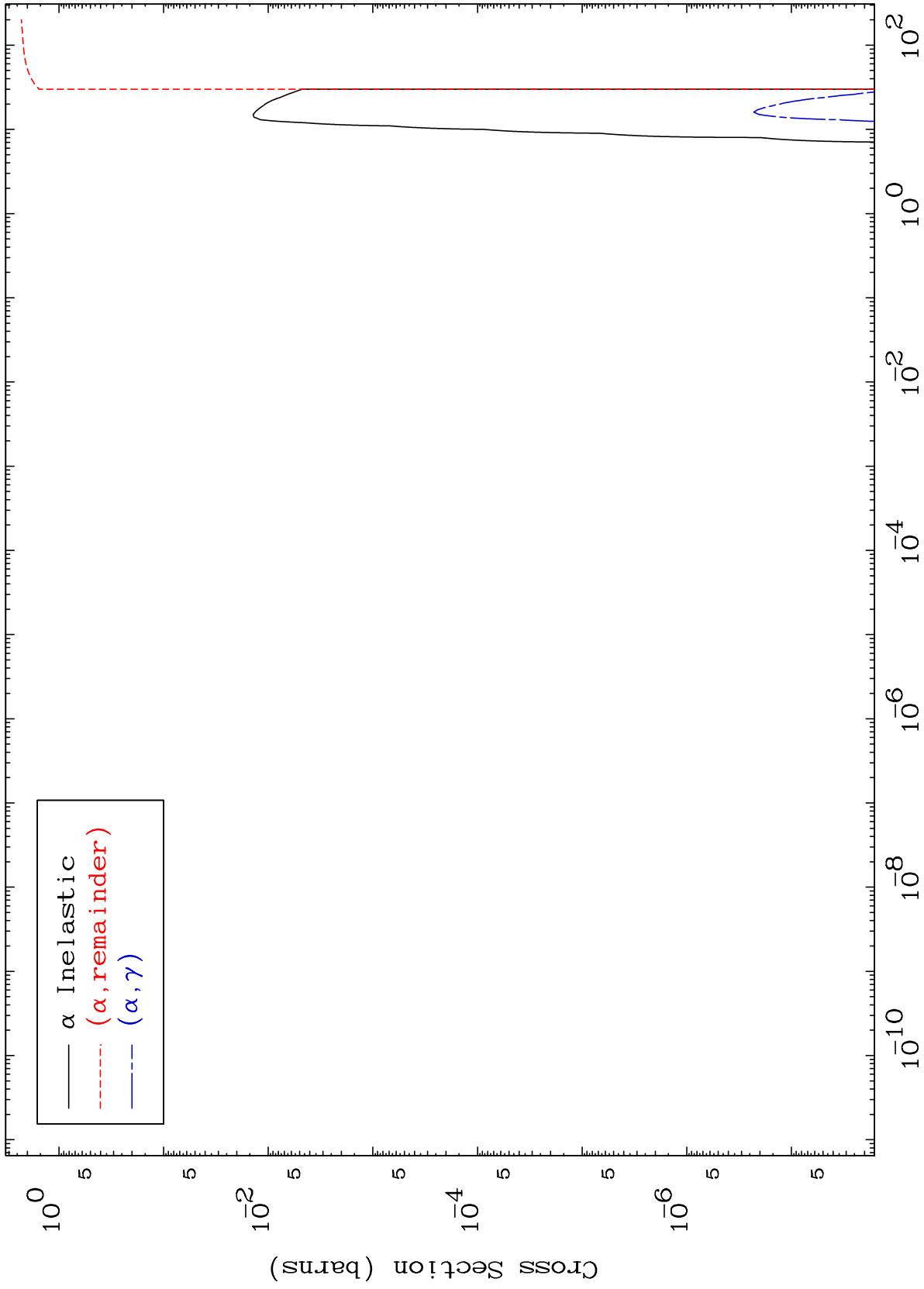
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5074

0 Kelvin  $\alpha$  Major

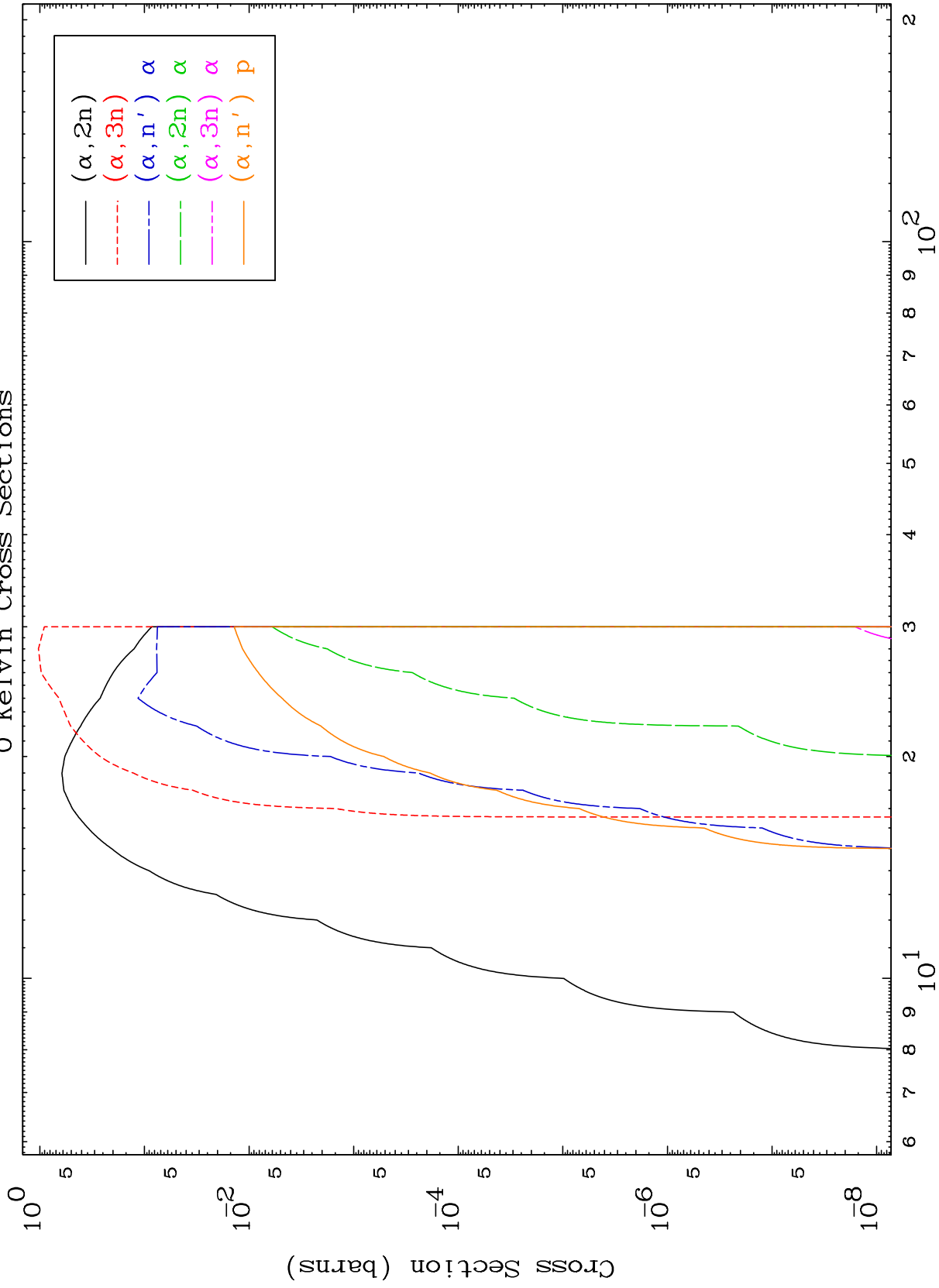
50-Sn-128



MAT 5074

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

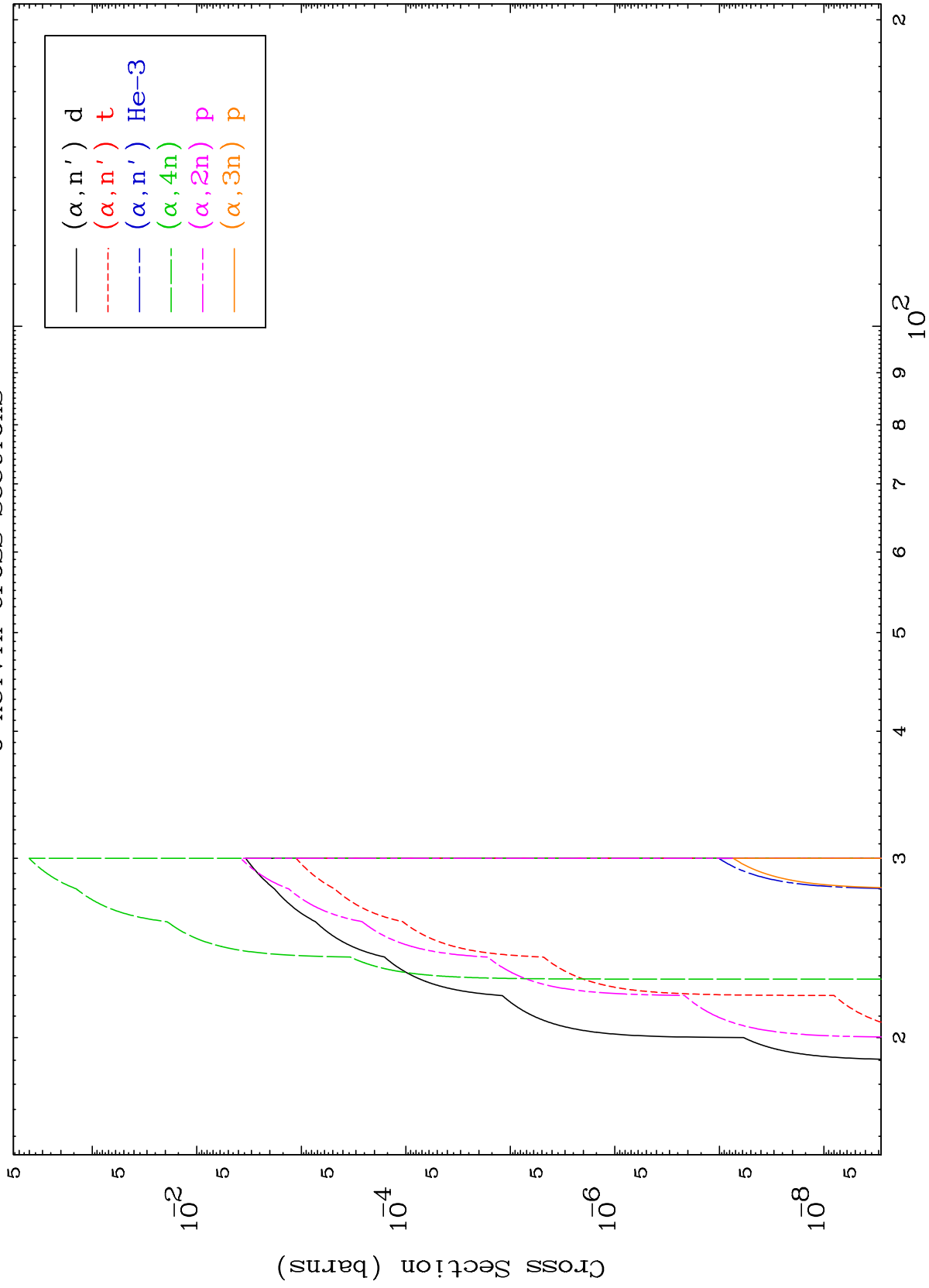
50-Sn-128

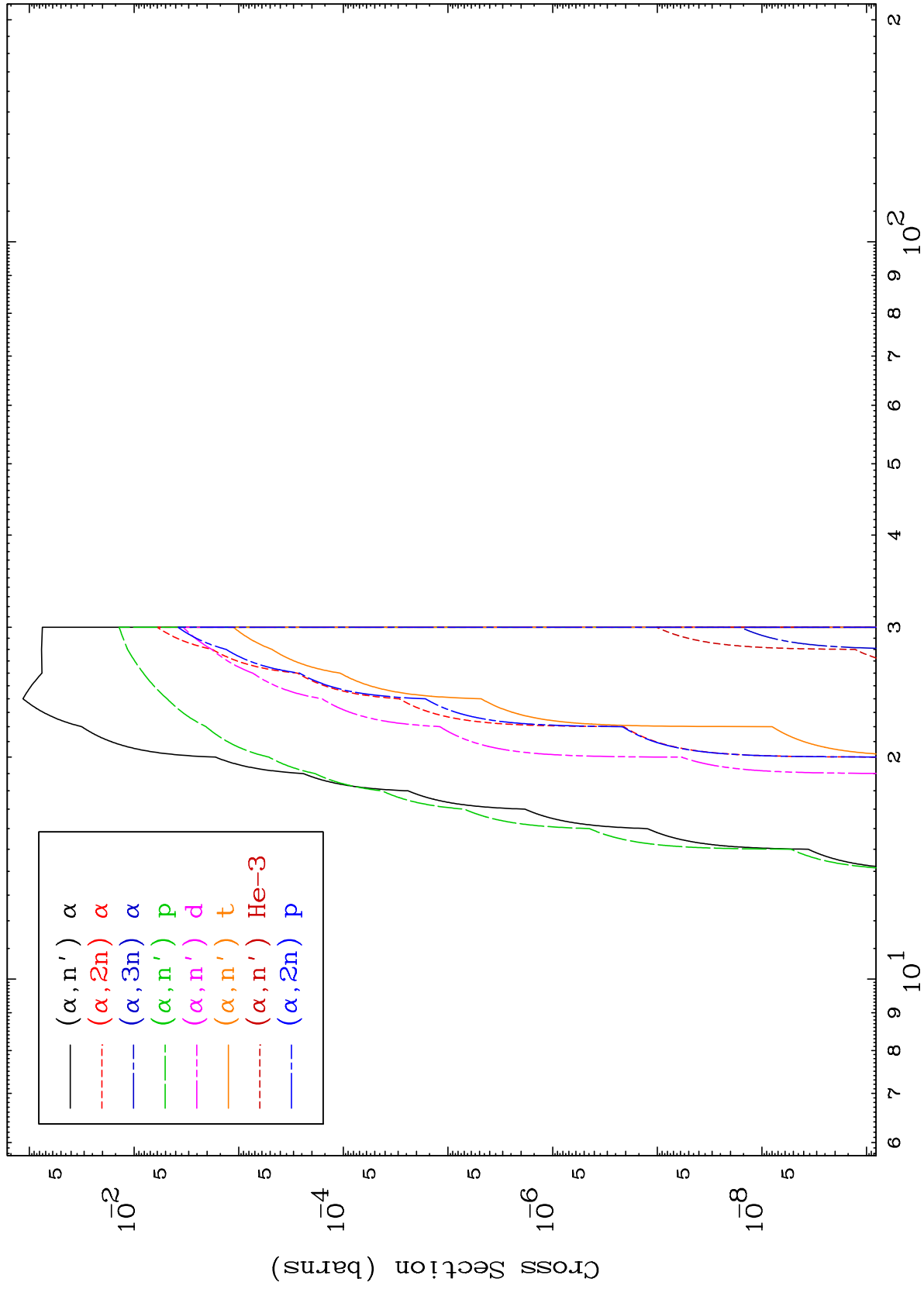


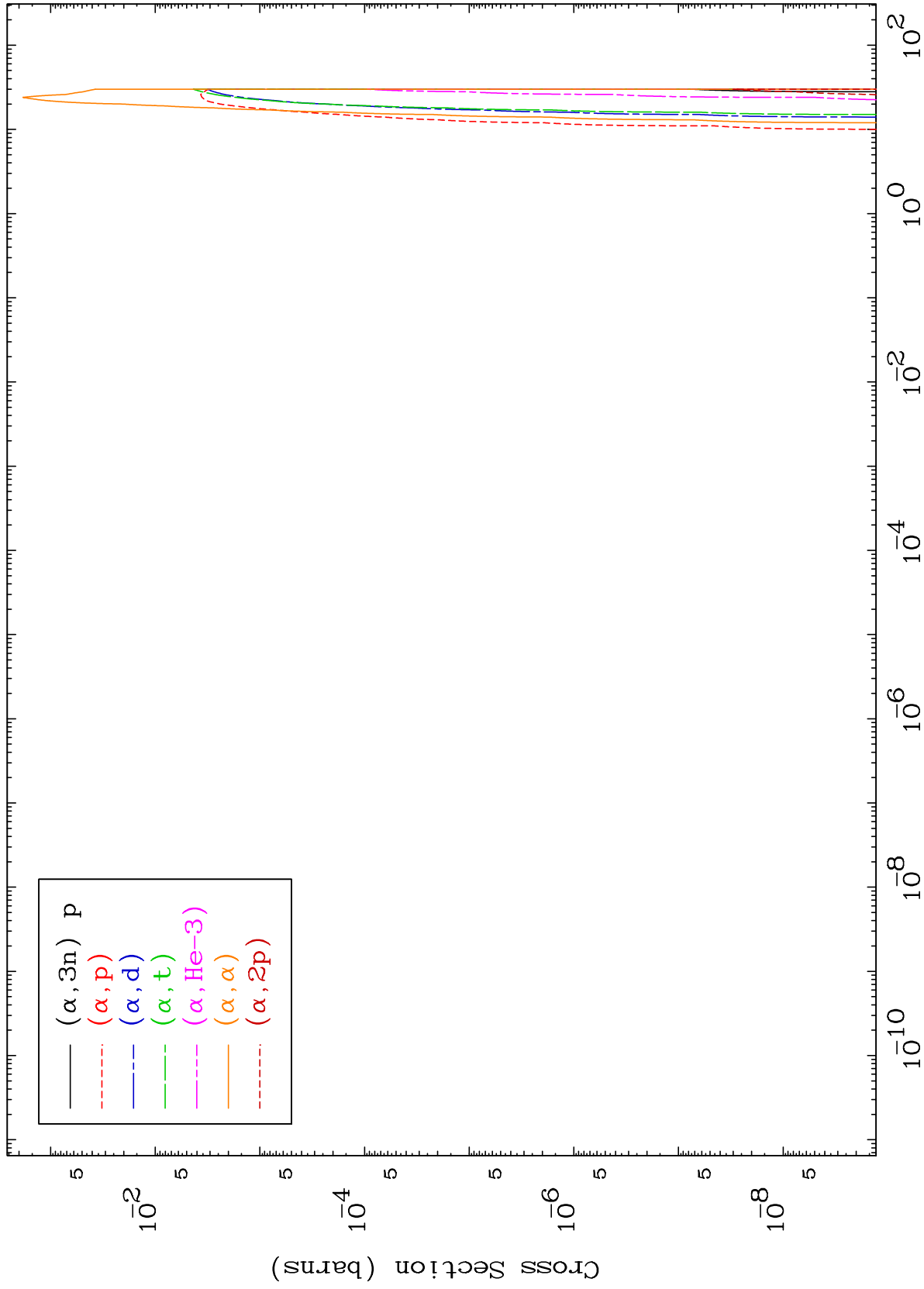
2

Incident Energy (MeV)

50-Sn-128



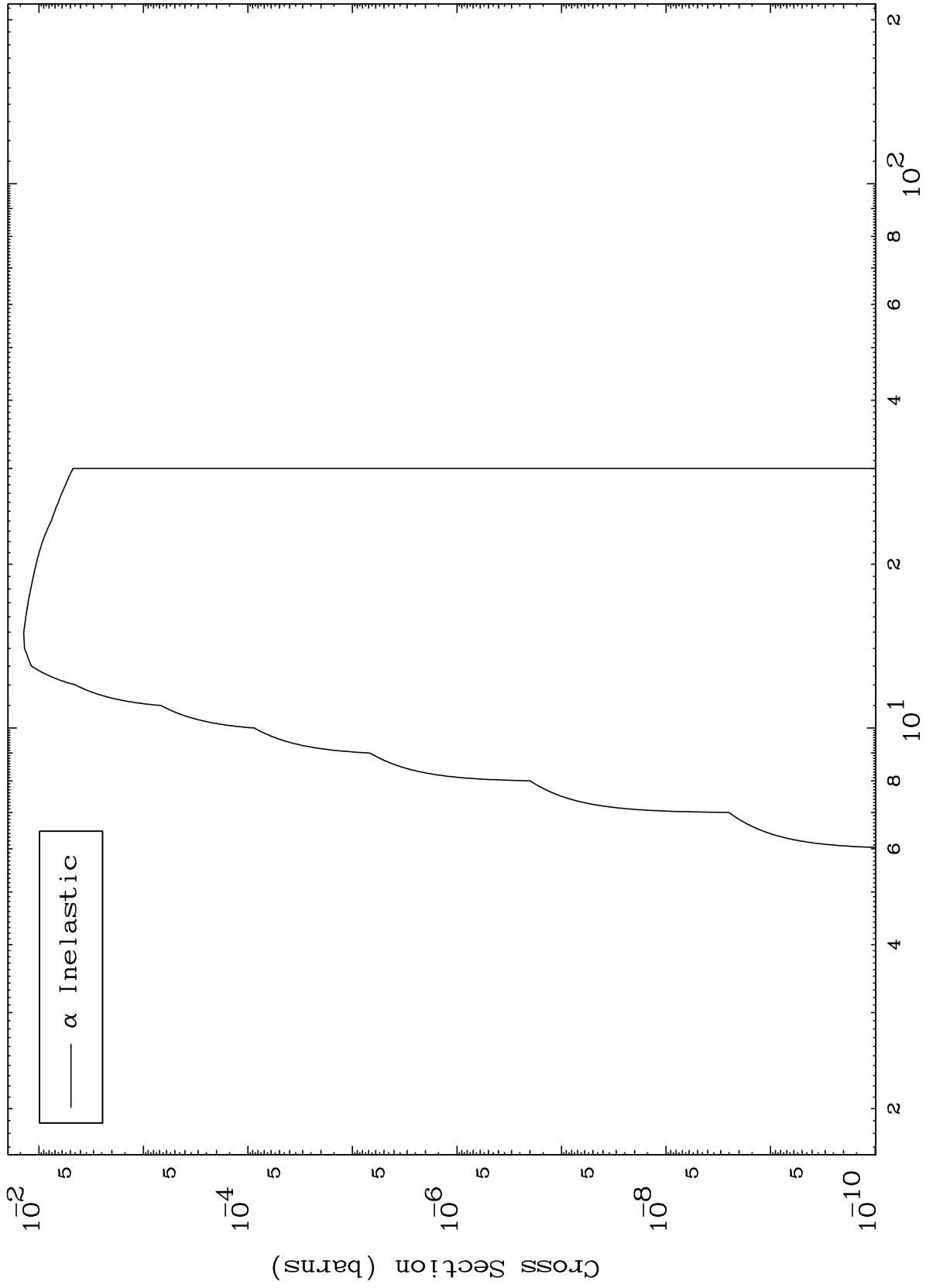




MAT 5074

50-Sn-128

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



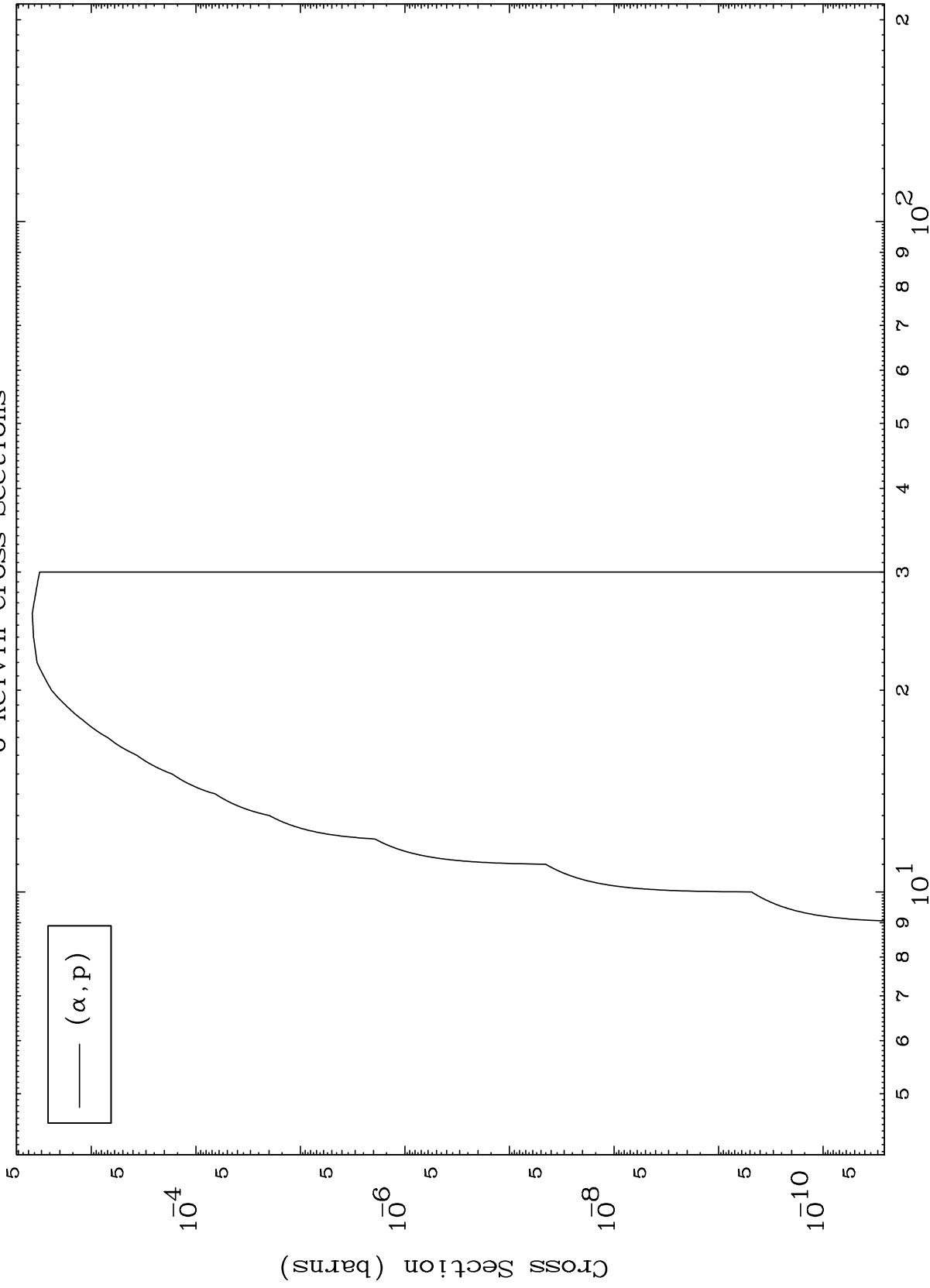
6

50-Sn-128

MAT 5074

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

50-Sn-128



7

Incident Energy (MeV)

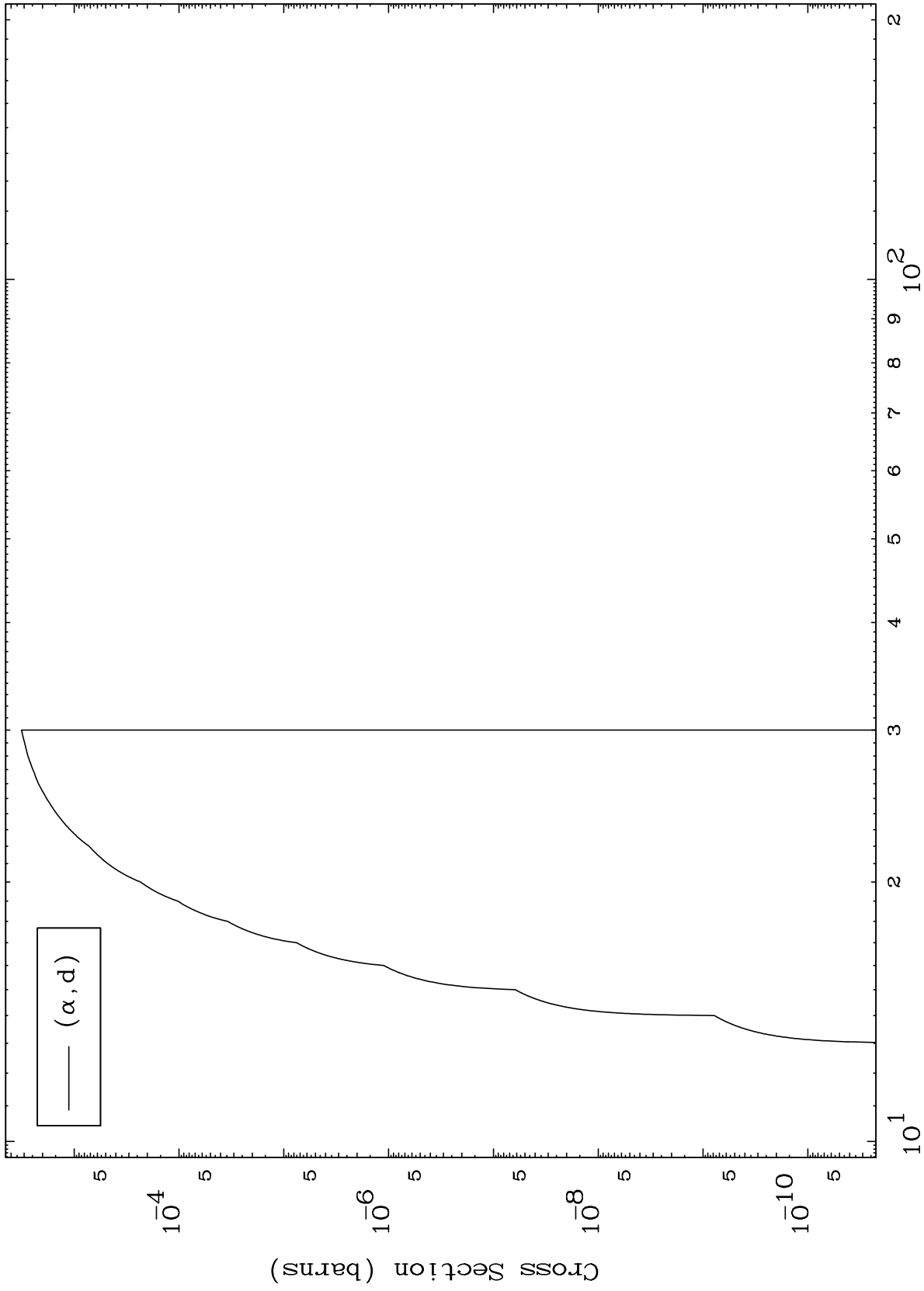
50-Sn-128



MAT 5074

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

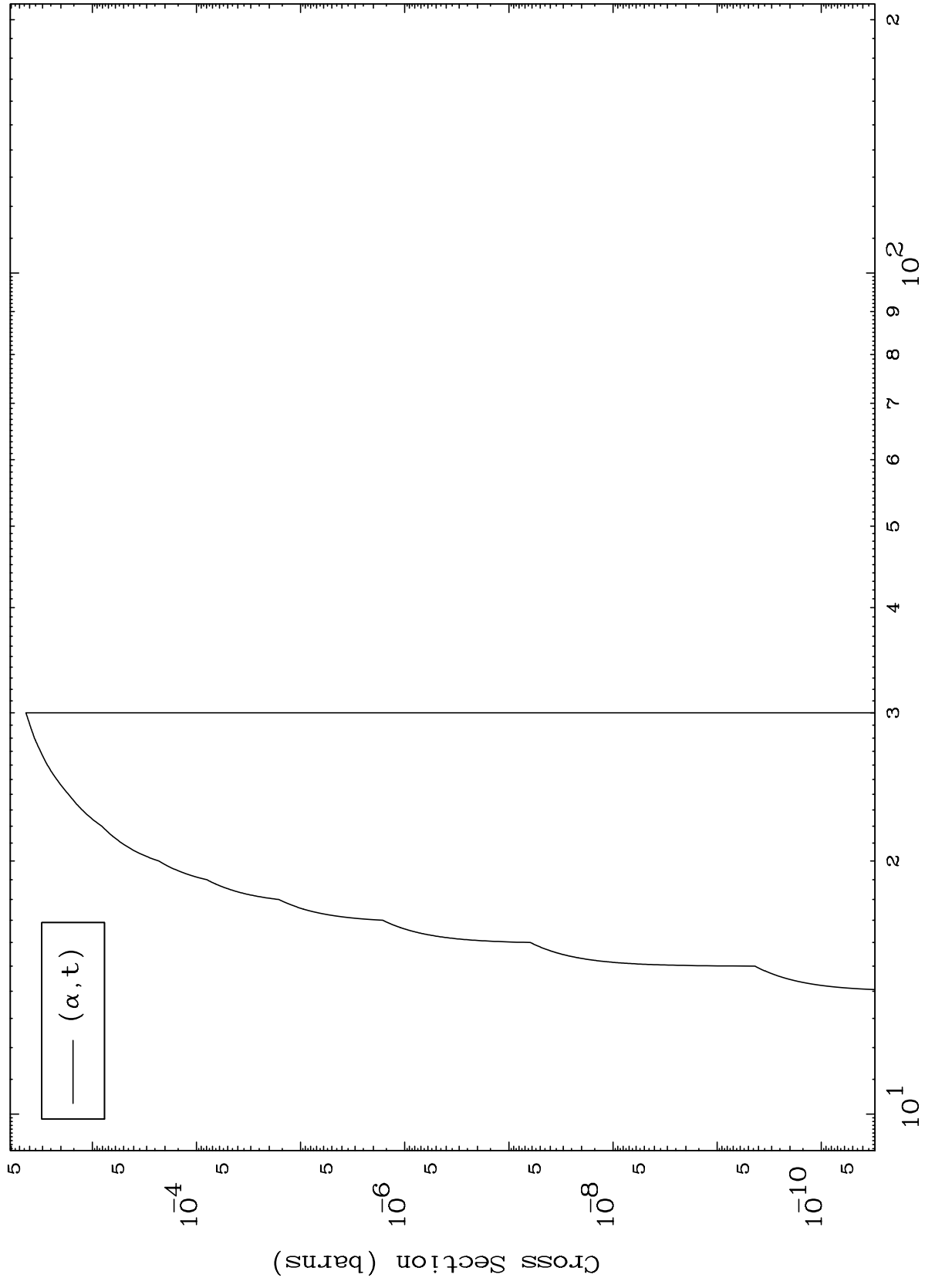
50-Sn-128



MAT 5074

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

50-Sn-128



9

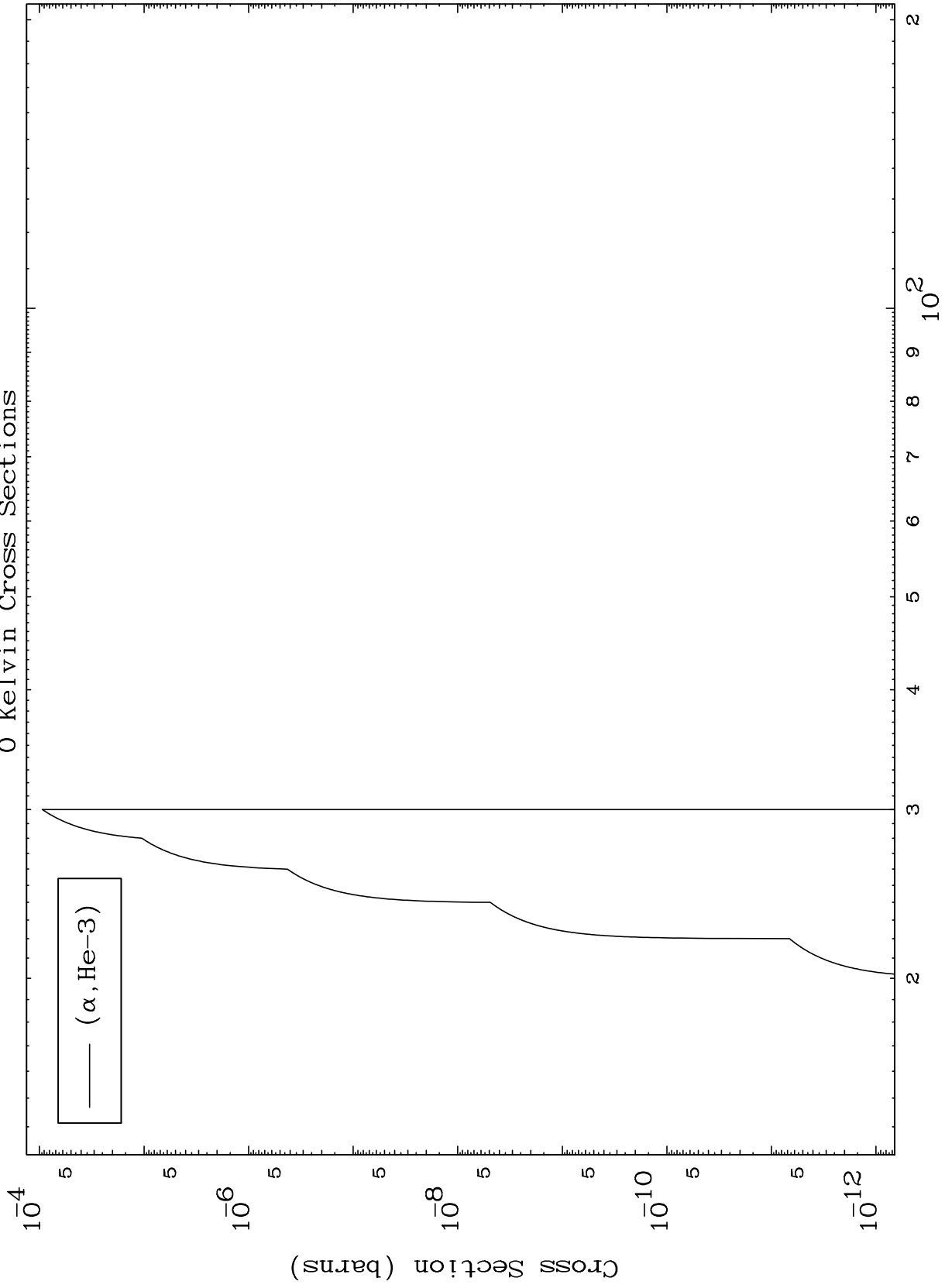
Incident Energy (MeV)

50-Sn-128

MAT 5074

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

50-Sn-128



10

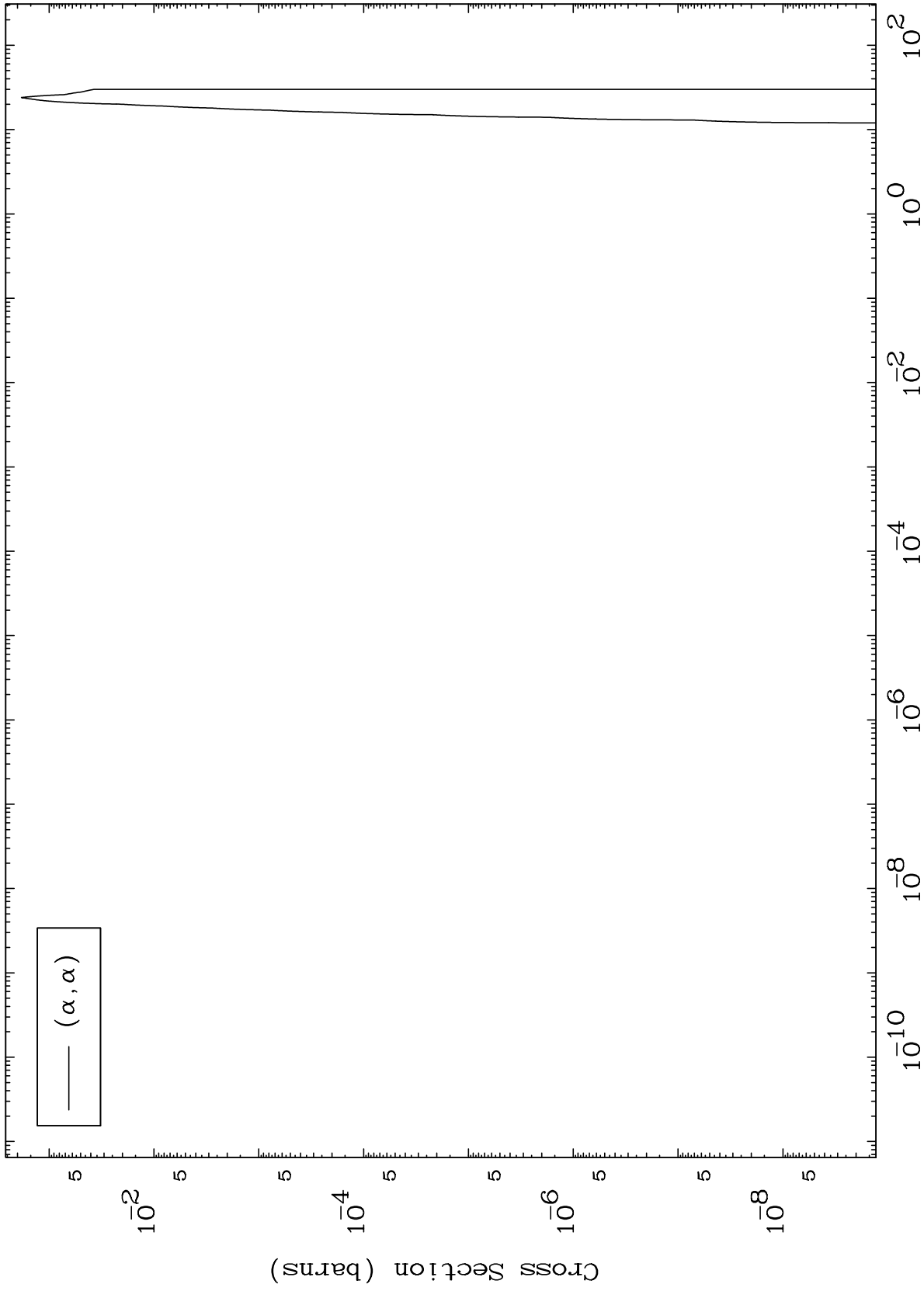
Incident Energy (MeV)

50-Sn-128

MAT 5074

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

50-Sn-128



11

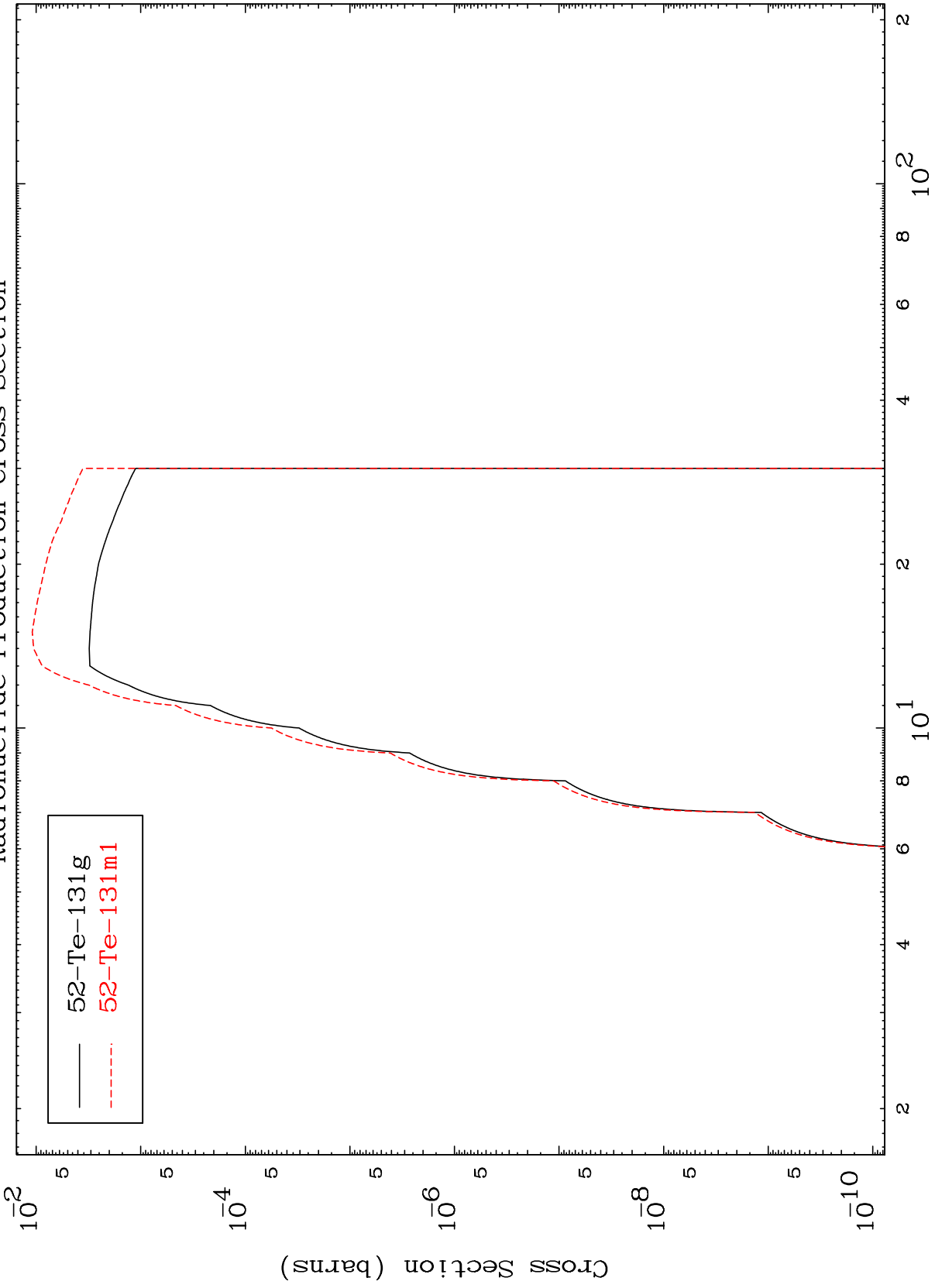
Incident Energy (MeV)

50-Sn-128

MAT 5074

Radionuclide Production Cross Section  
 $\alpha$  Inelastic

50-Sn-128



12

Incident Energy (MeV)

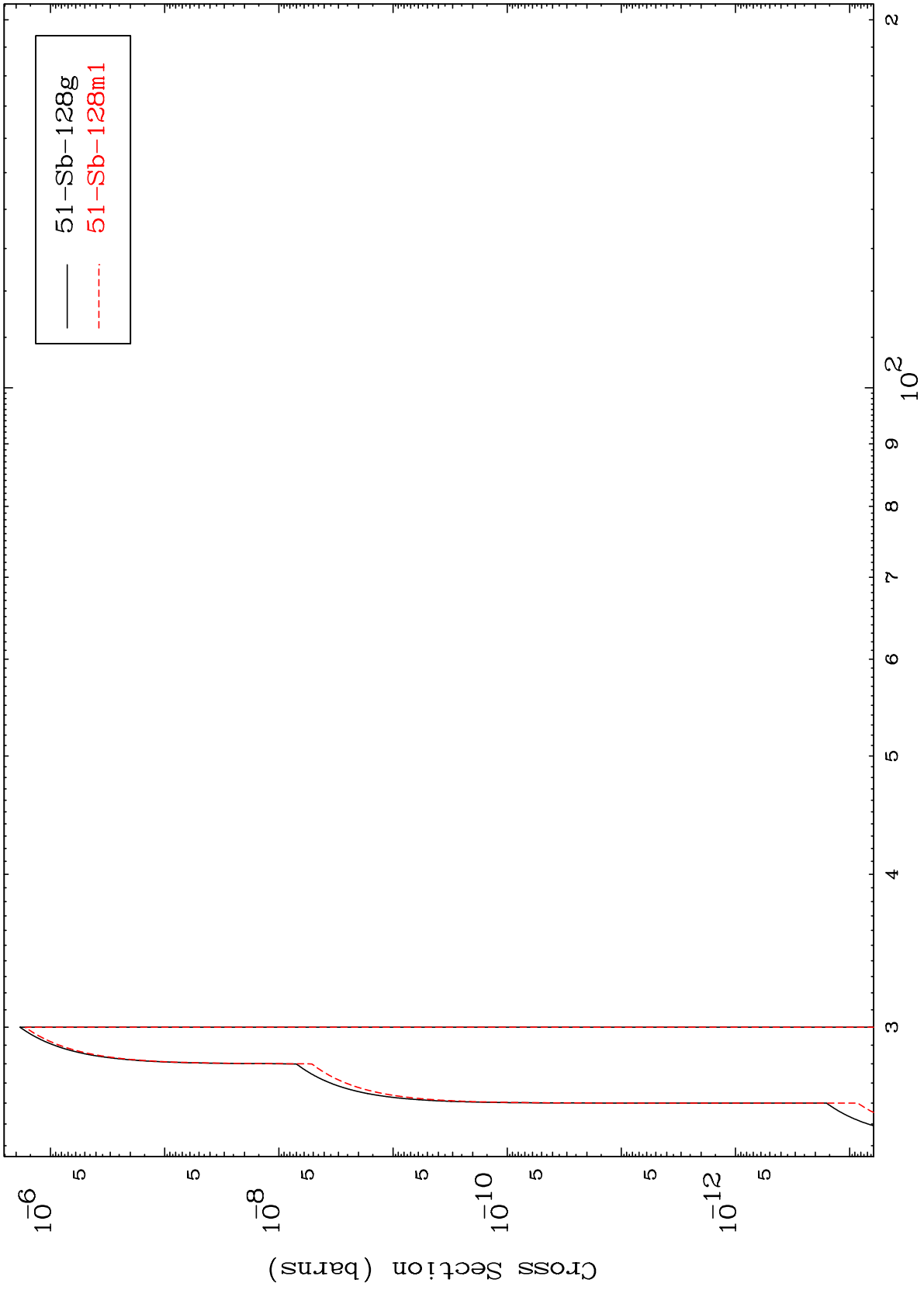
50-Sn-128

MAT 5074

( $\alpha, 2n$ ) d

50-Sn-128

Radionuclide Production Cross Section



13

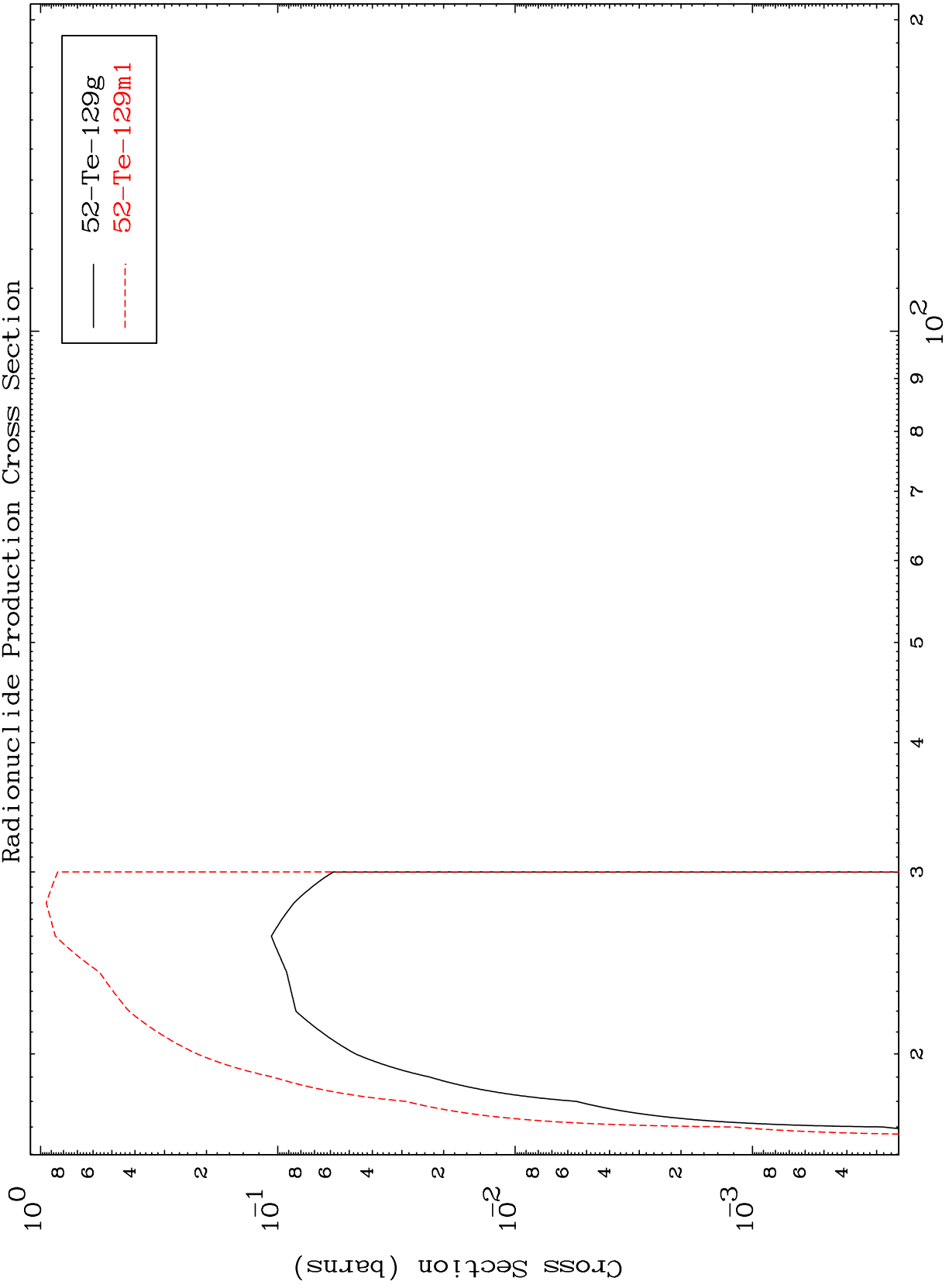
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

Radionuclide Production Cross Section  
( $\alpha, 3n$ )



14

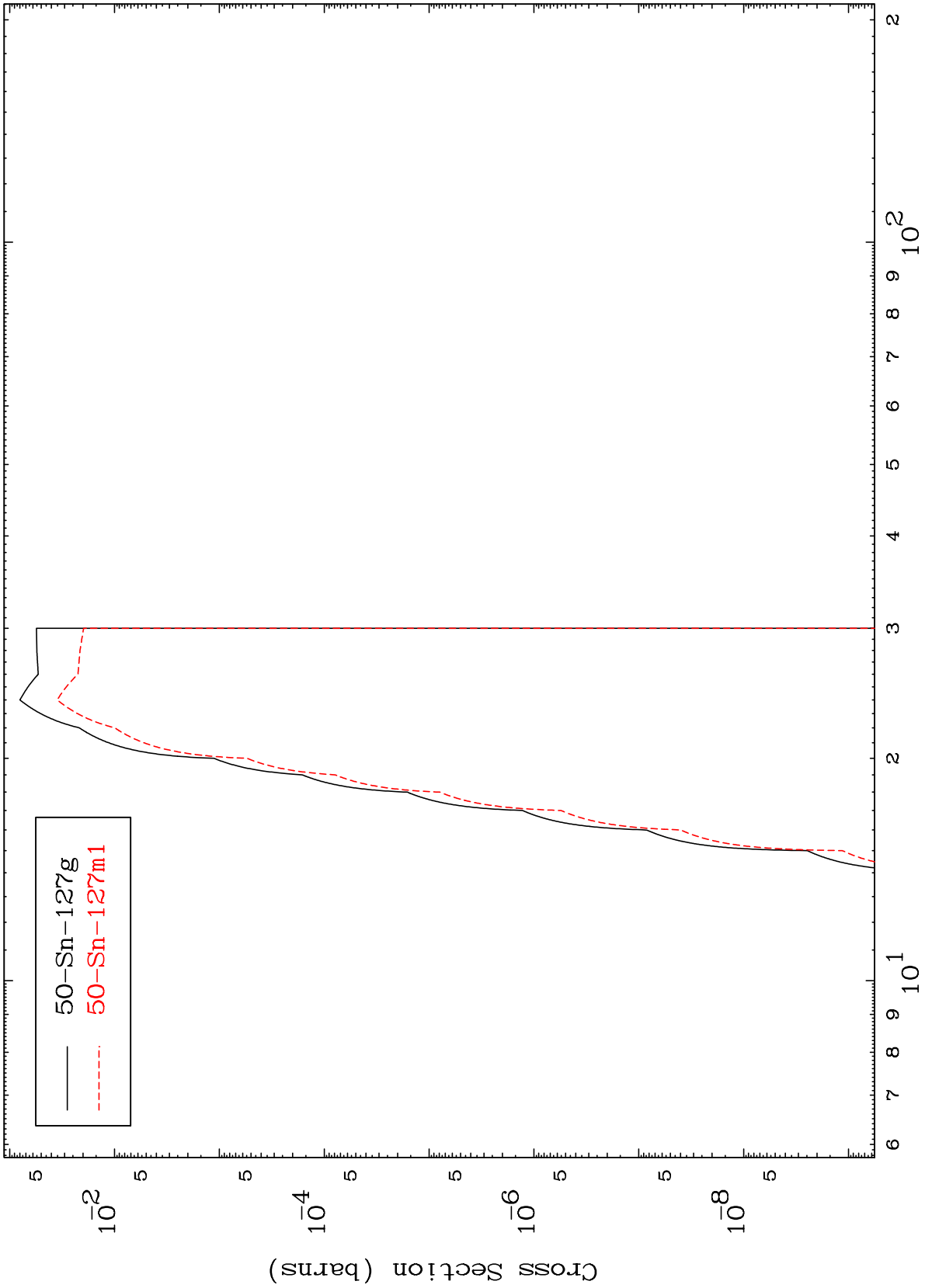
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

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



15

Incident Energy (MeV)

50-Sn-128

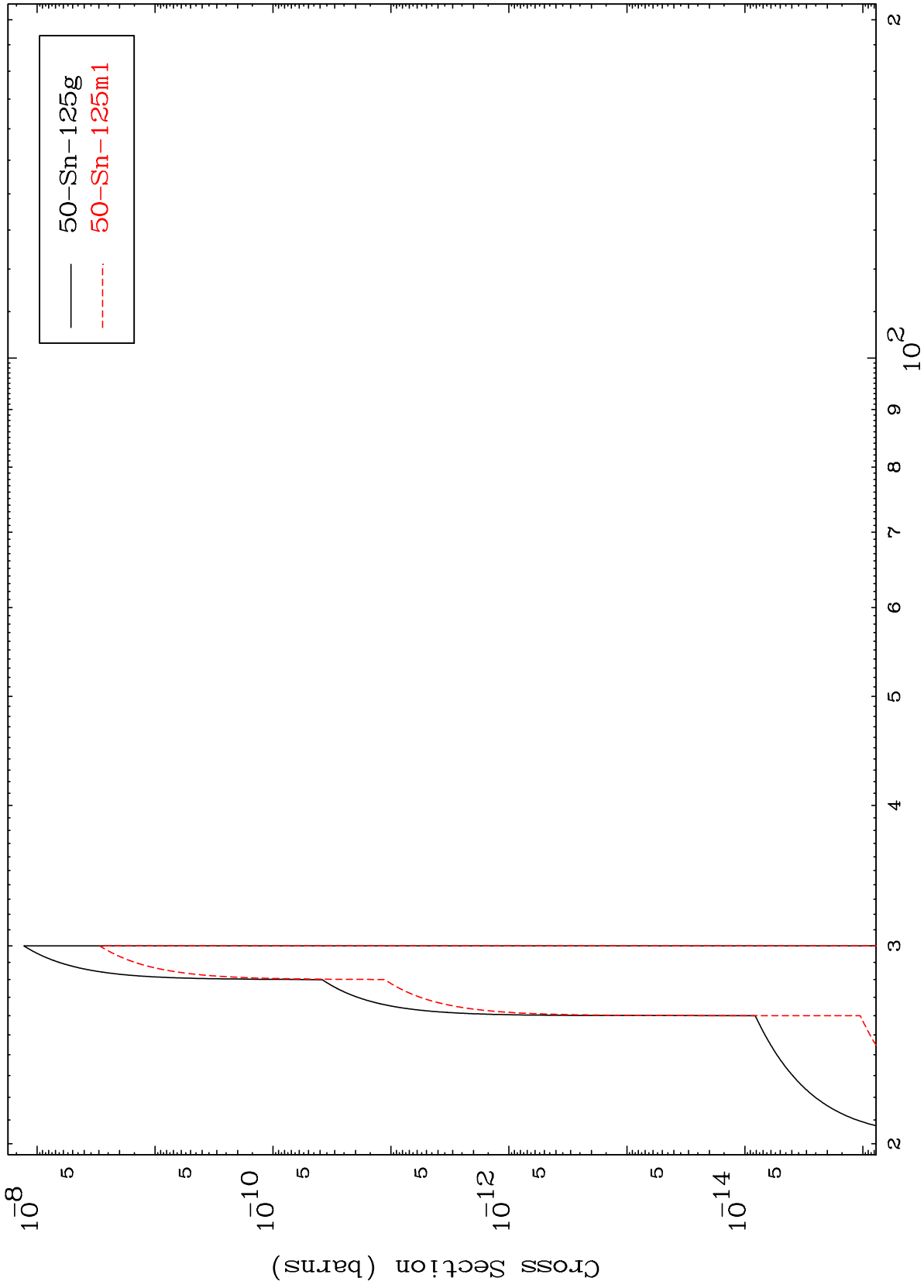


MAT 5074

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

50-Sn-128

Radionuclide Production Cross Section



16

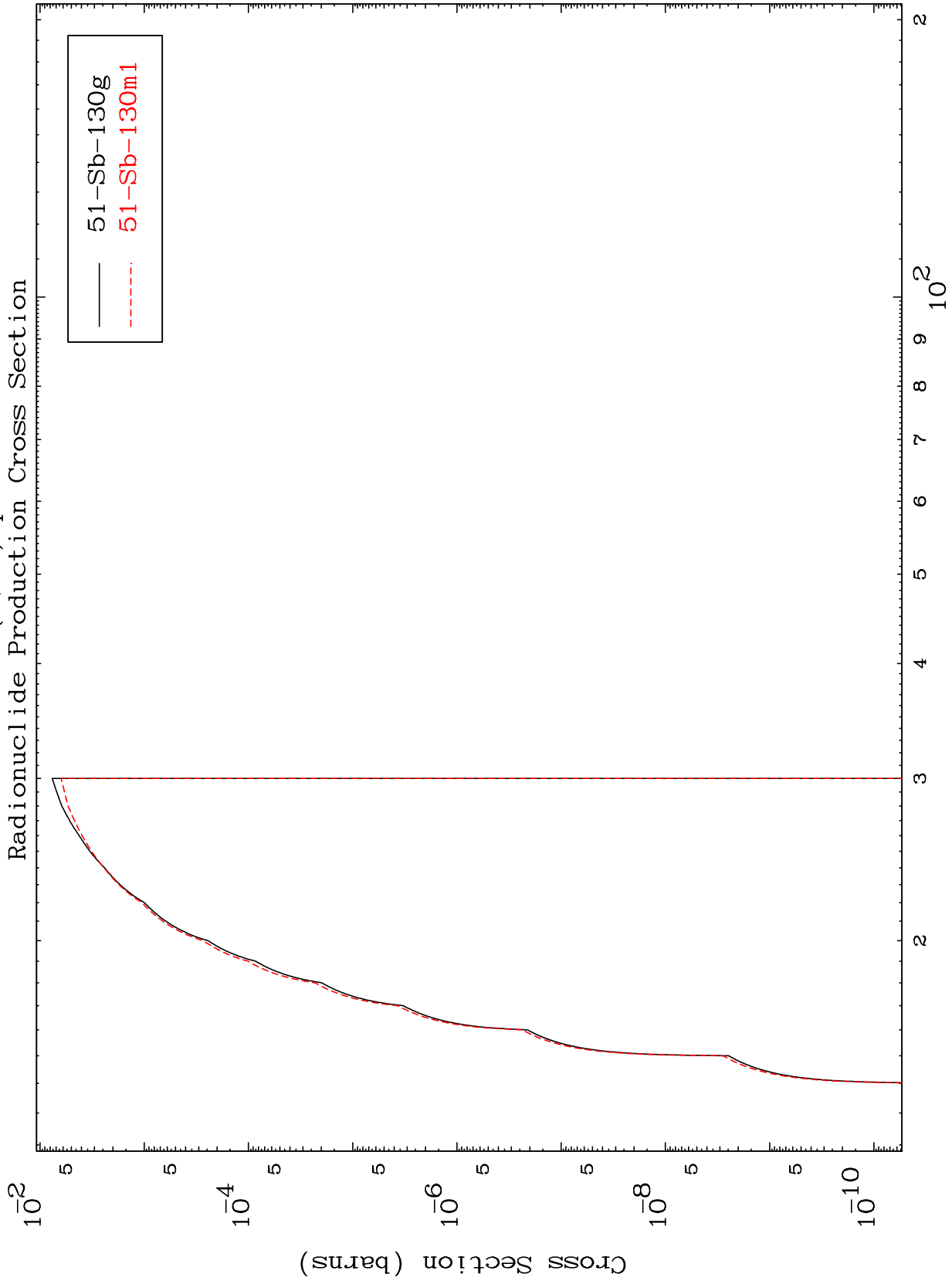
Incident Energy (MeV)

50-Sn-128

MAT 5074

( $\alpha, n'$ ) p

50-Sn-128



17

Incident Energy (MeV)

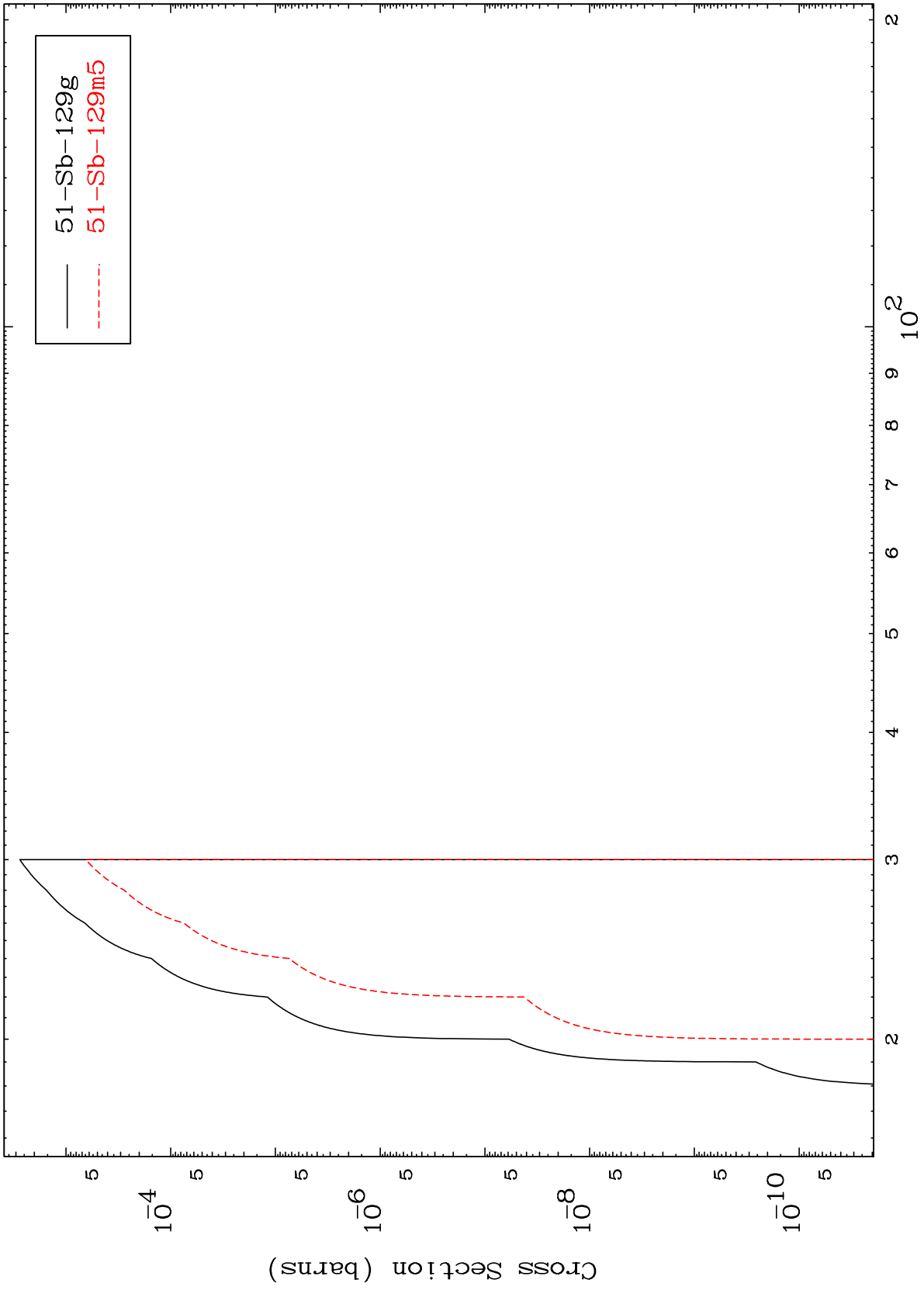
50-Sn-128

MAT 5074

( $\alpha, n'$ ) d

50-Sn-128

Radionuclide Production Cross Section



18

Incident Energy (MeV)

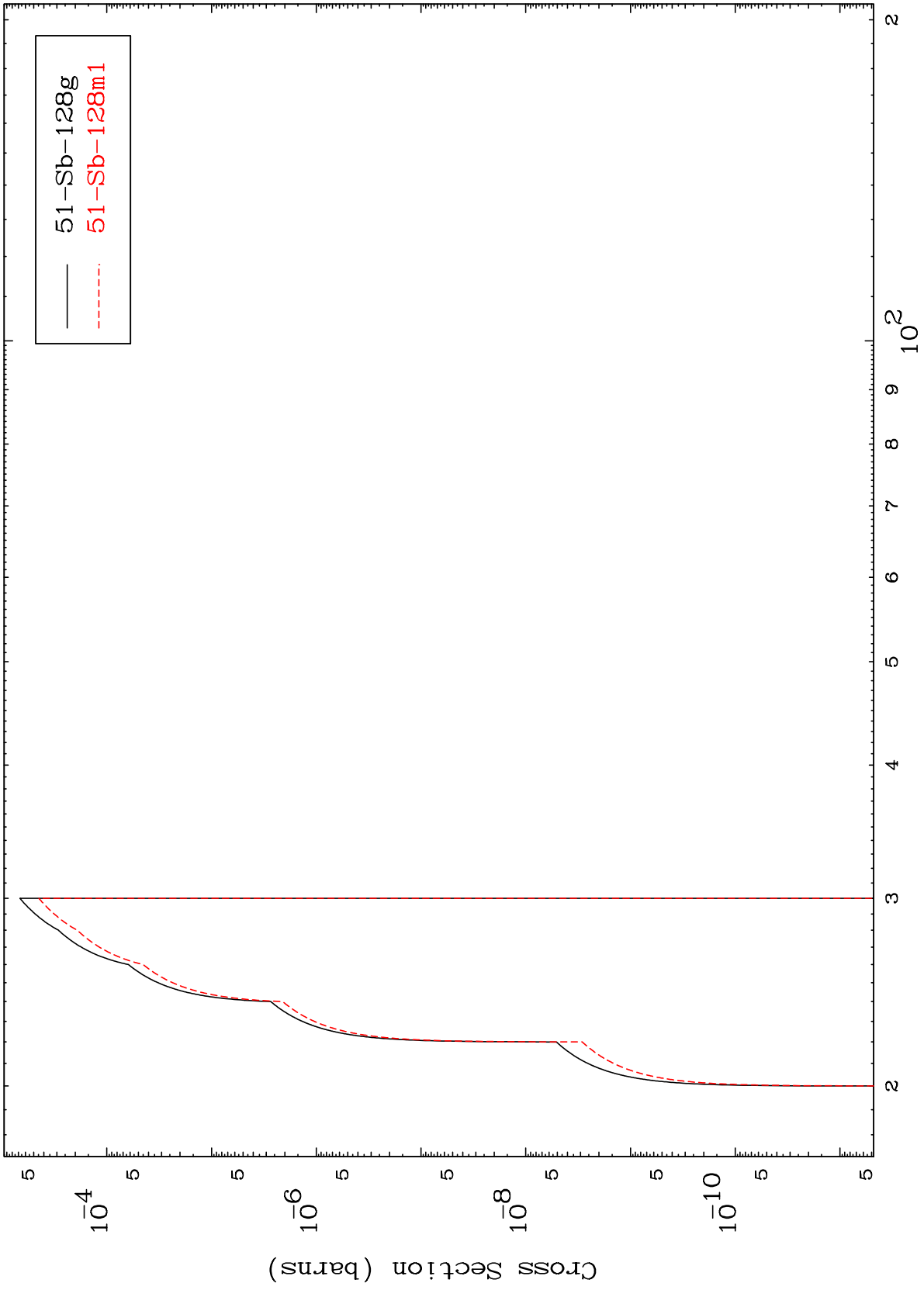
50-Sn-128

MAT 5074

( $\alpha, n'$ ) t

50-Sn-128

Radionuclide Production Cross Section



19

Incident Energy (MeV)

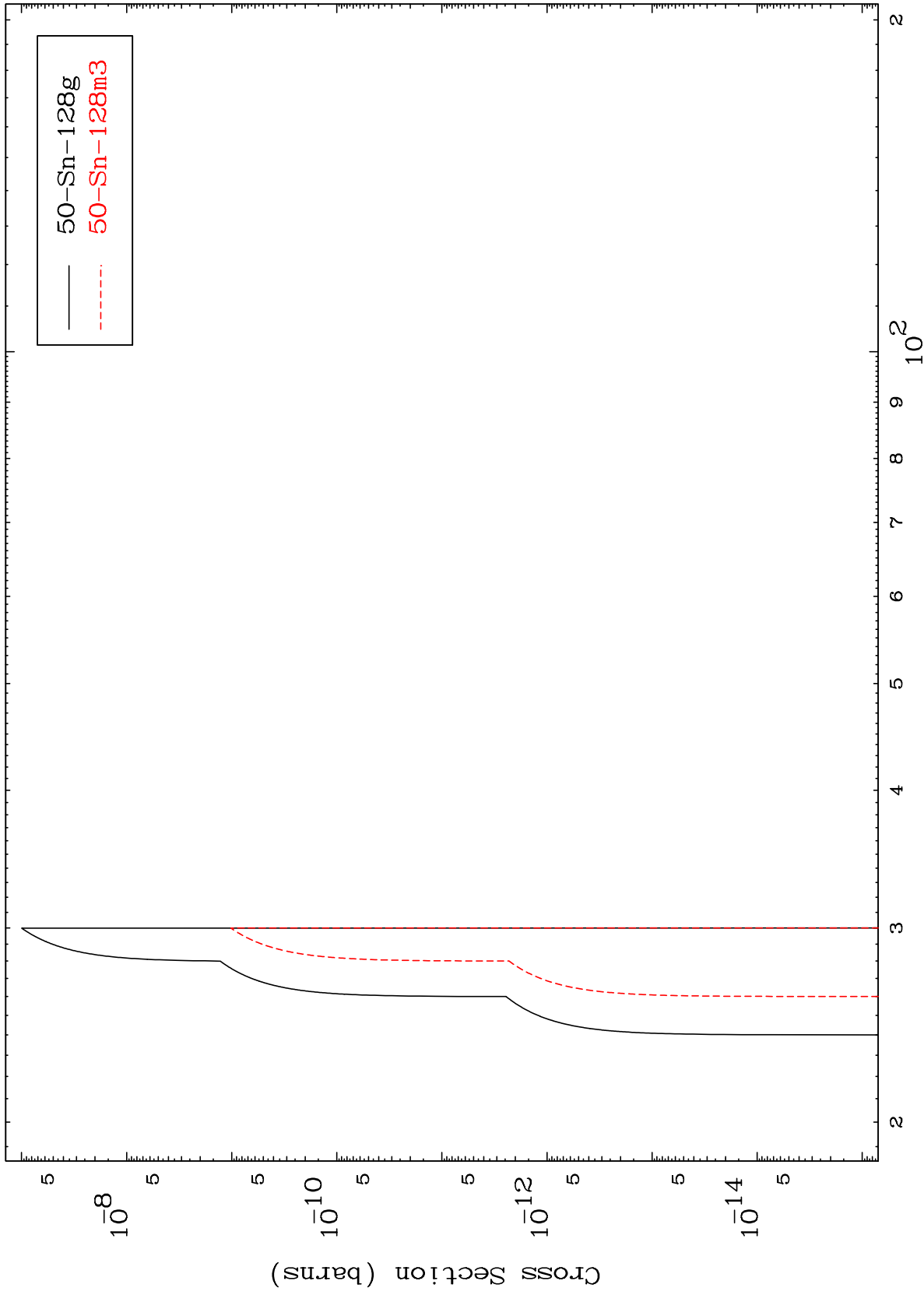
50-Sn-128

MAT 5074

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

50-Sn-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

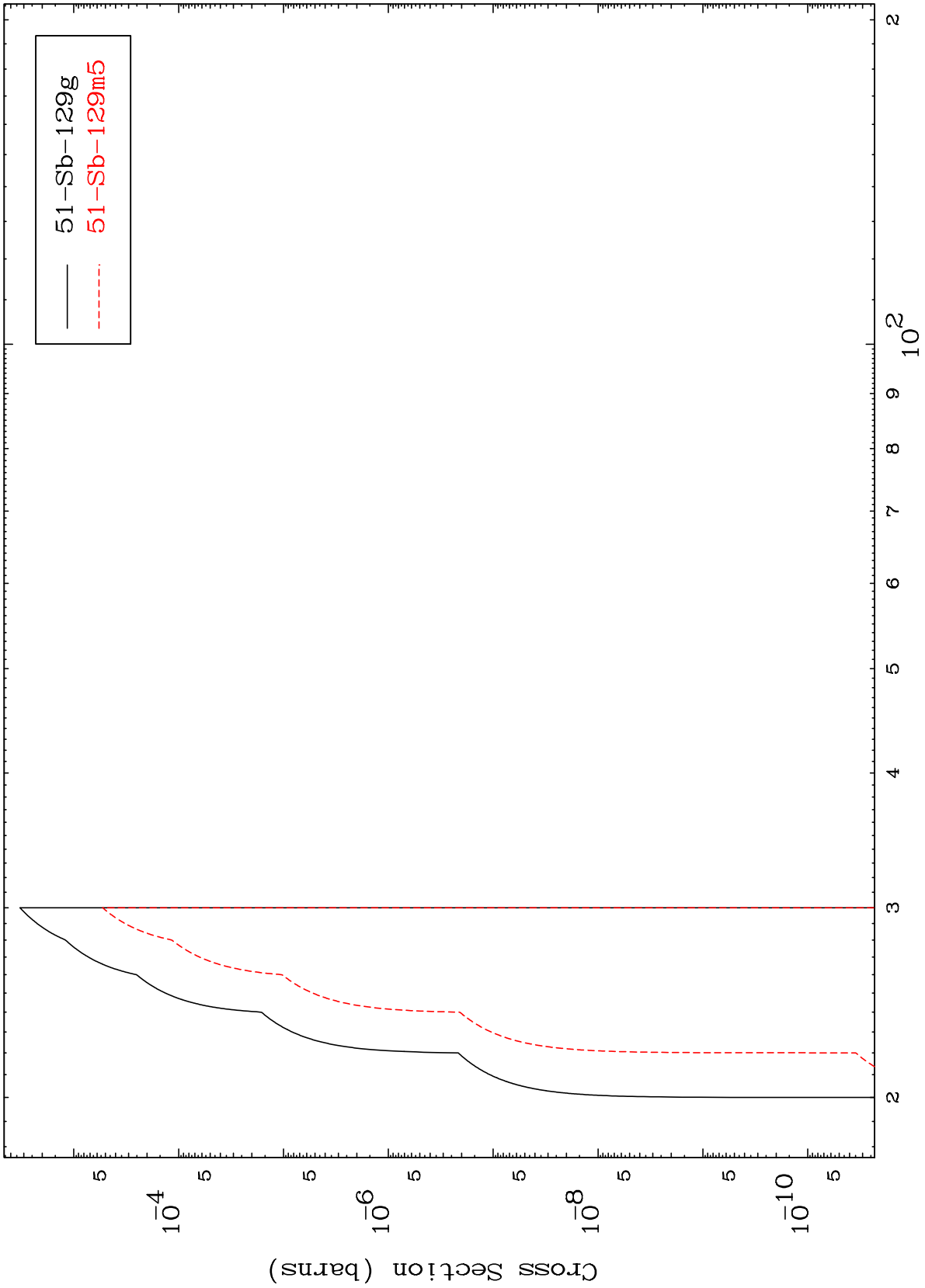
50-Sn-128

MAT 5074

( $\alpha, 2n$ ) p

50-Sn-128

Radionuclide Production Cross Section



21

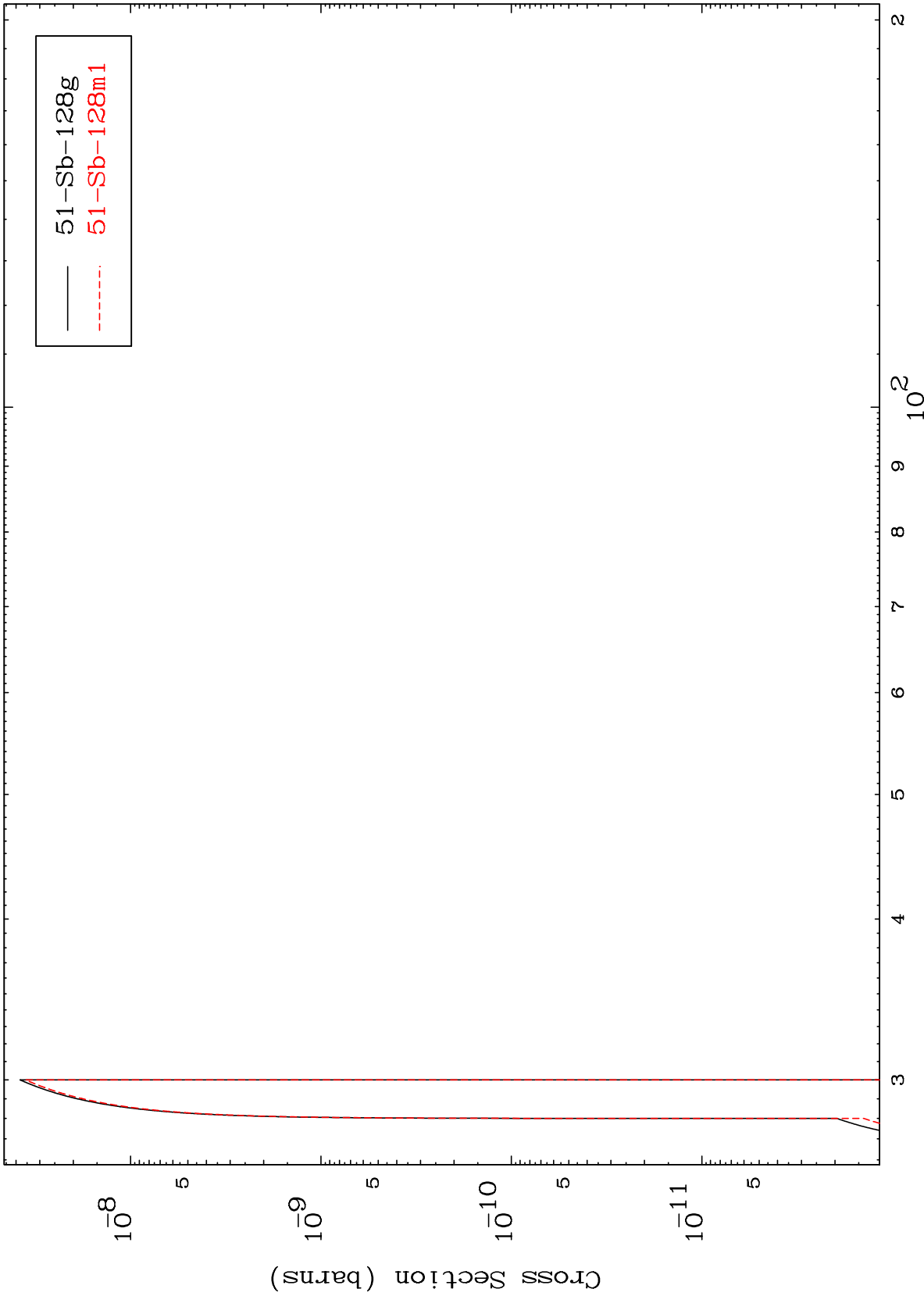
50-Sn-128

MAT 5074

( $\alpha, 3n$ ) p

50-Sn-128

Radionuclide Production Cross Section



22

Incident Energy (MeV)

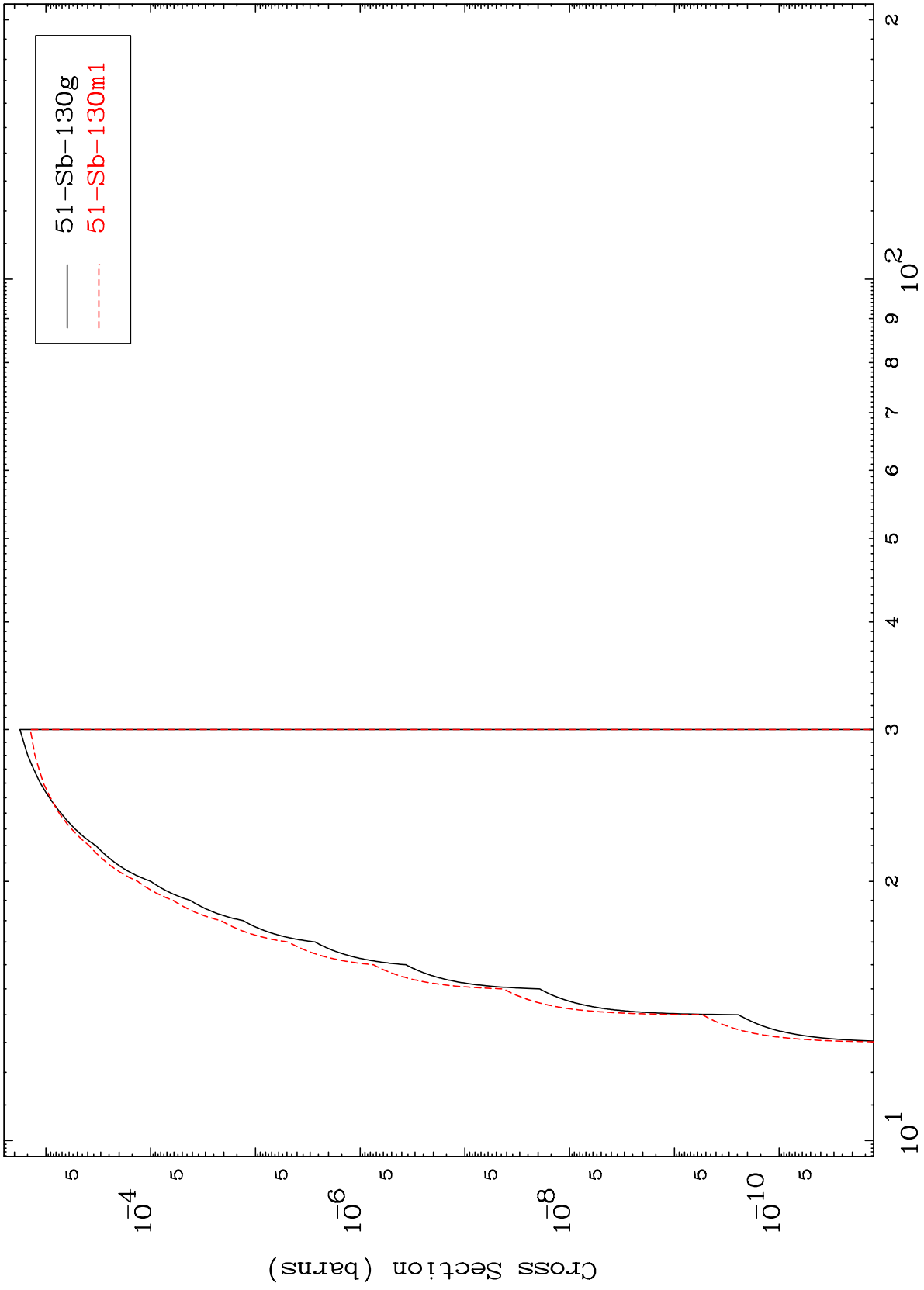
50-Sn-128

MAT 5074

( $\alpha, d$ )

50-Sn-128

Radionuclide Production Cross Section



23

Incident Energy (MeV)

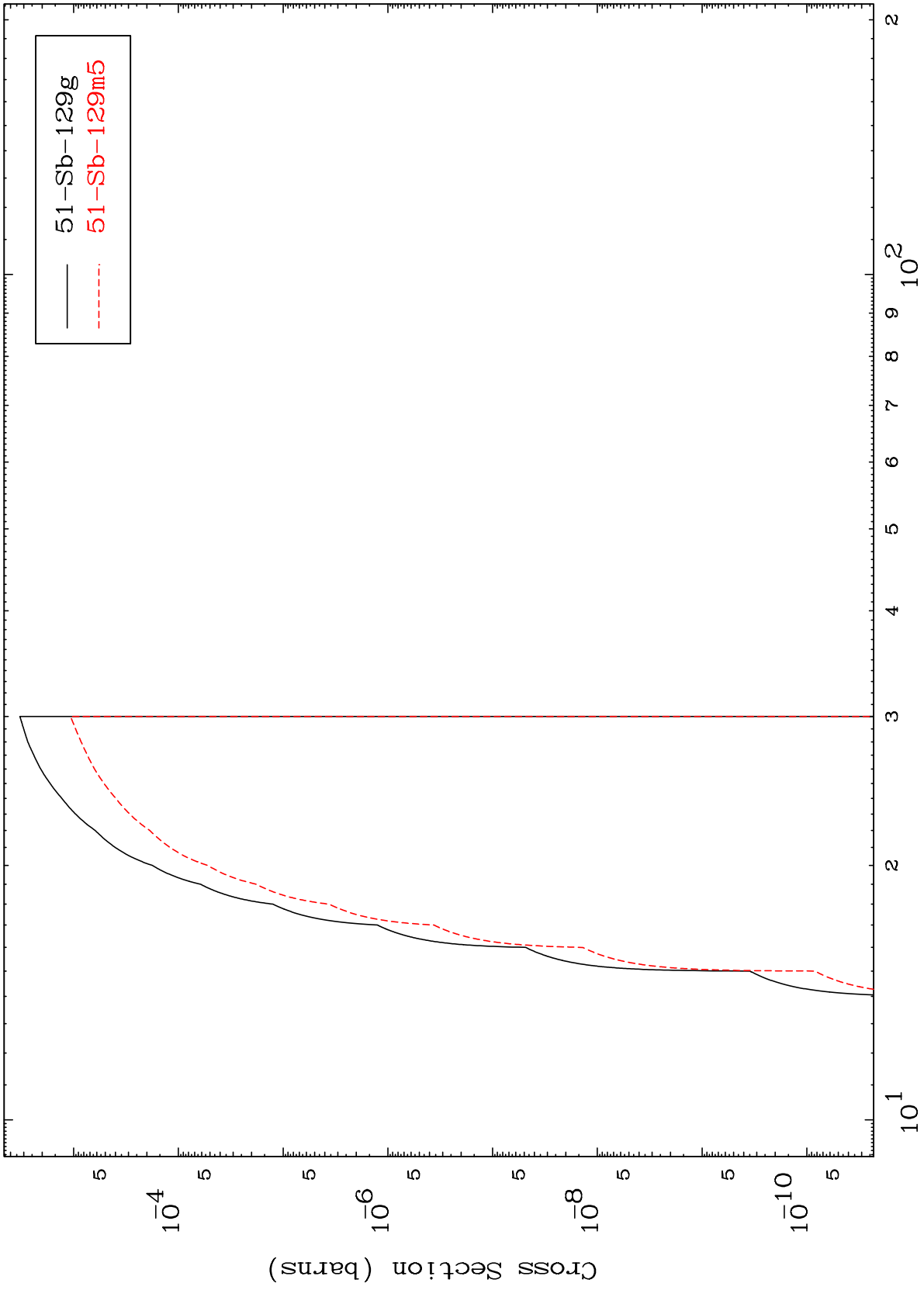
50-Sn-128



MAT 5074

50-Sn-128

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



24

Incident Energy (MeV)

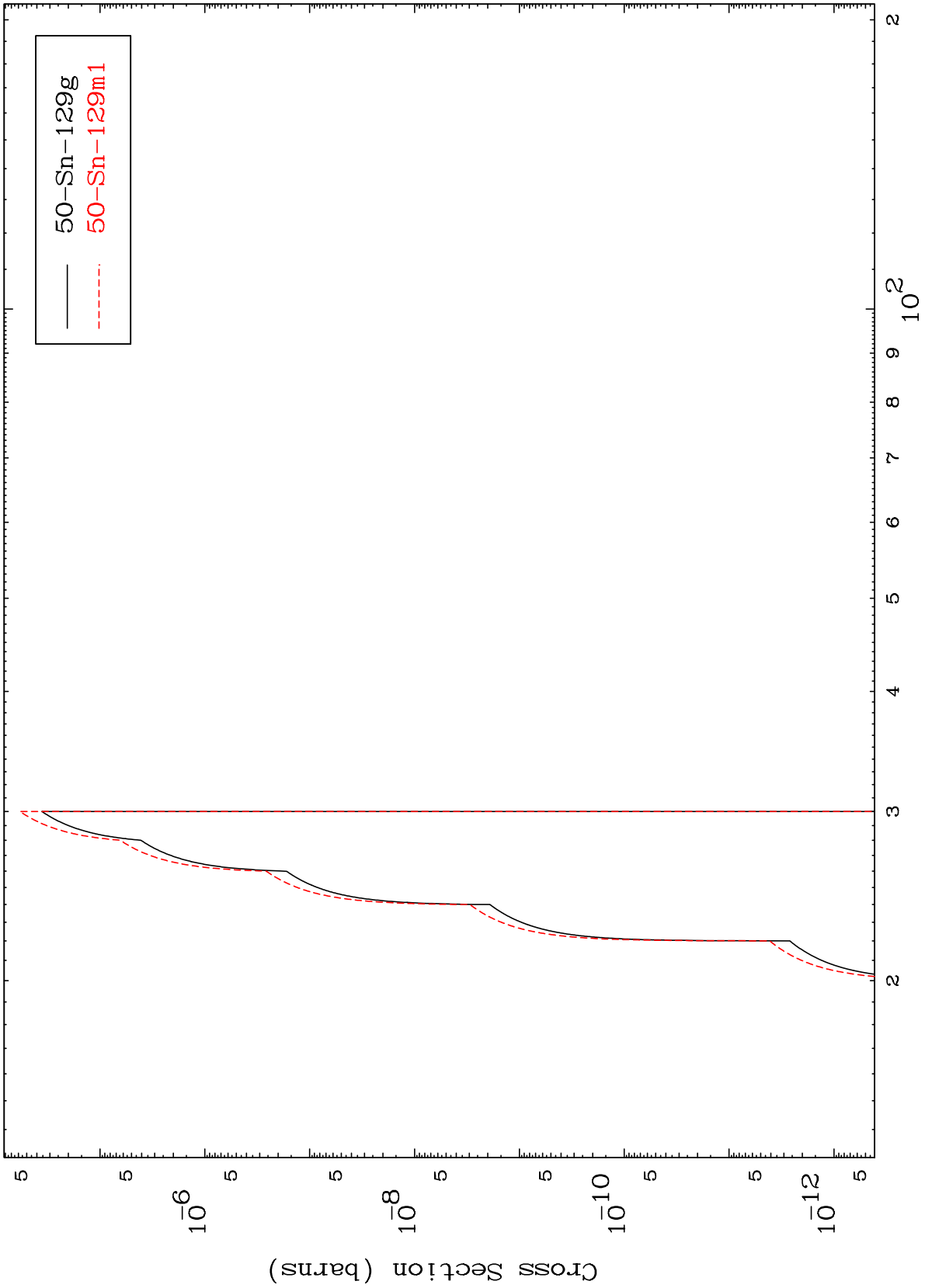
50-Sn-128

MAT 5074

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

50-Sn-128

Radionuclide Production Cross Section



25

Incident Energy (MeV)

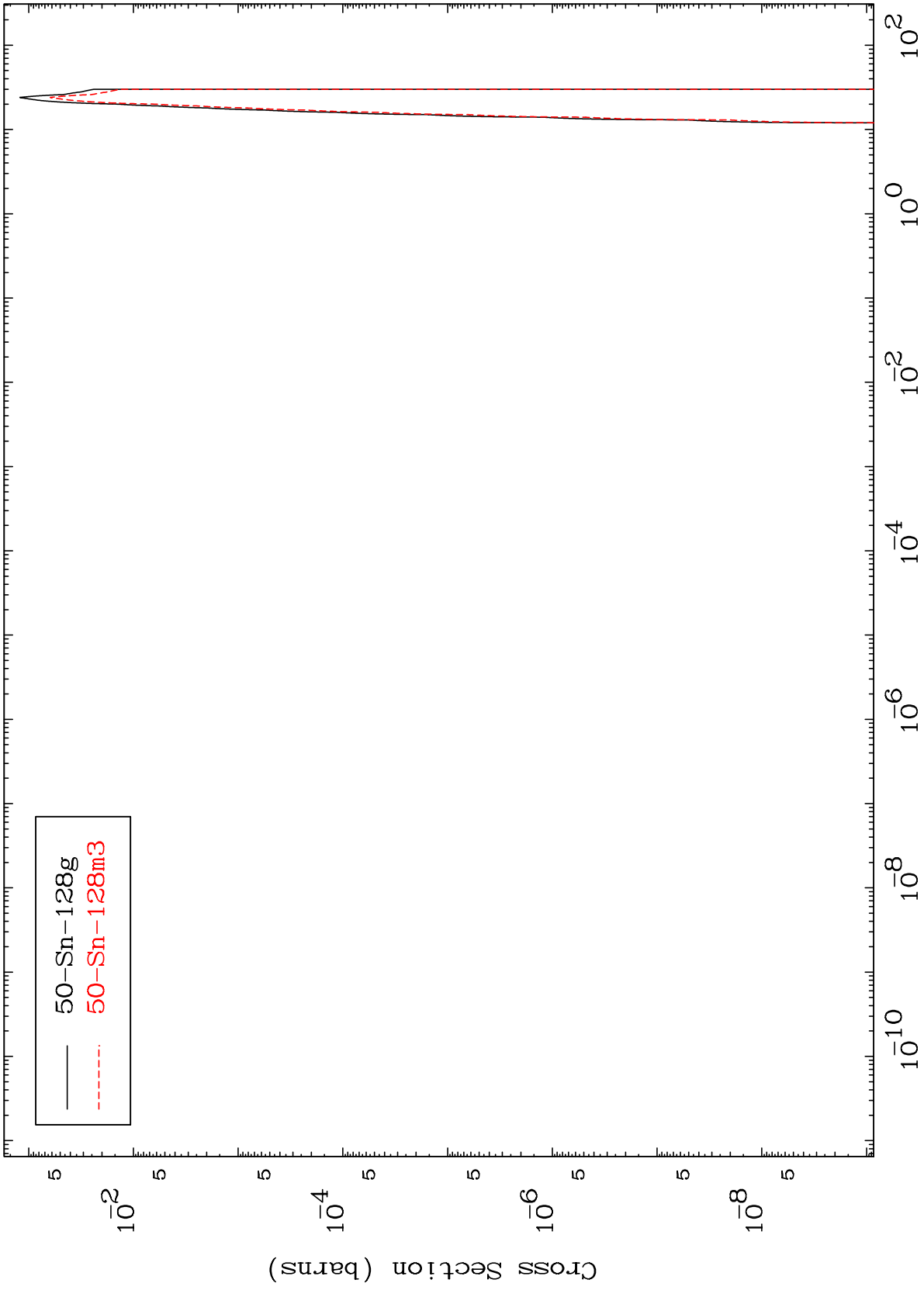
50-Sn-128

MAT 5074

( $\alpha, \alpha$ )

50-Sn-128

Radionuclide Production Cross Section



26

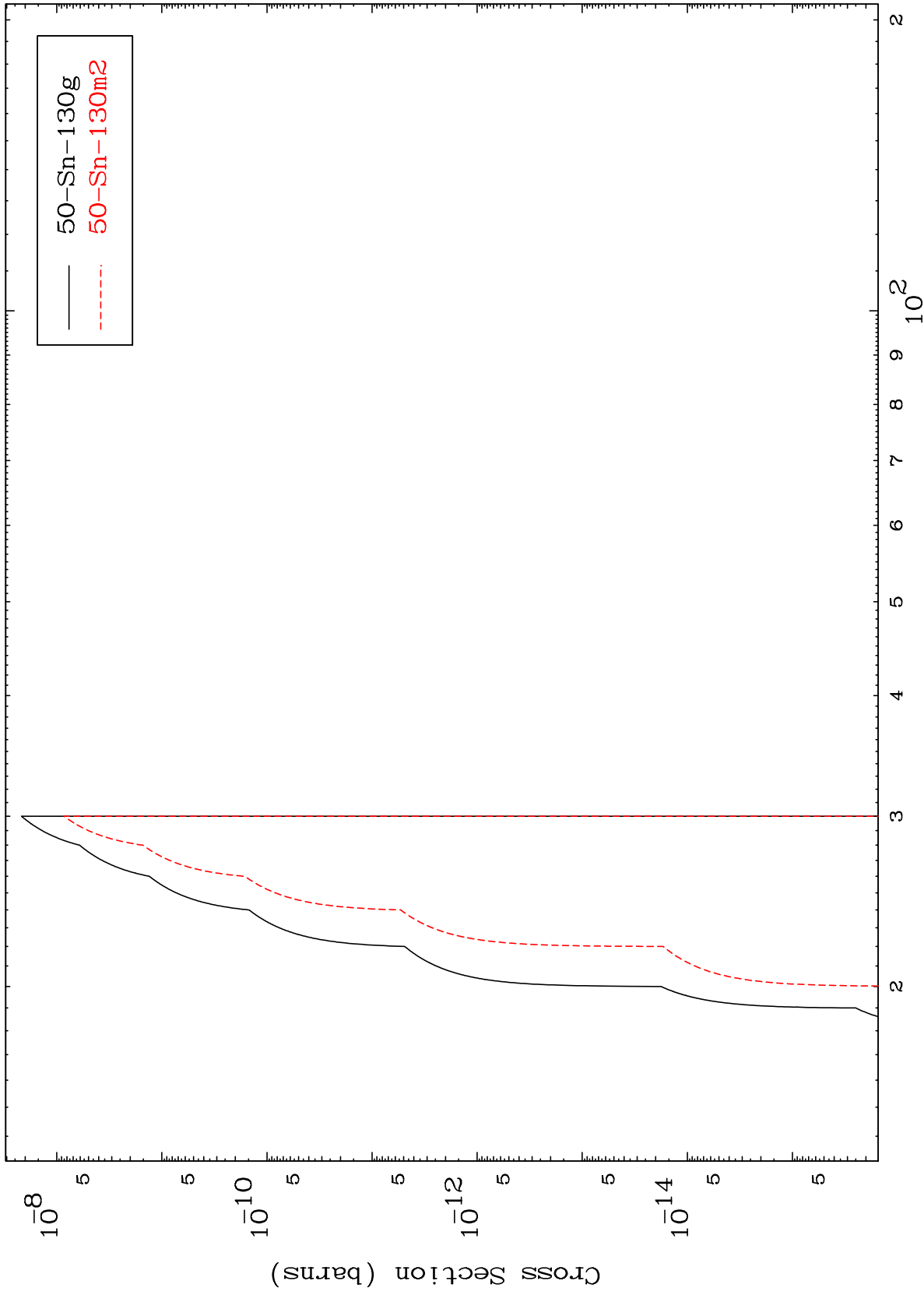
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

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



27

50-Sn-128