

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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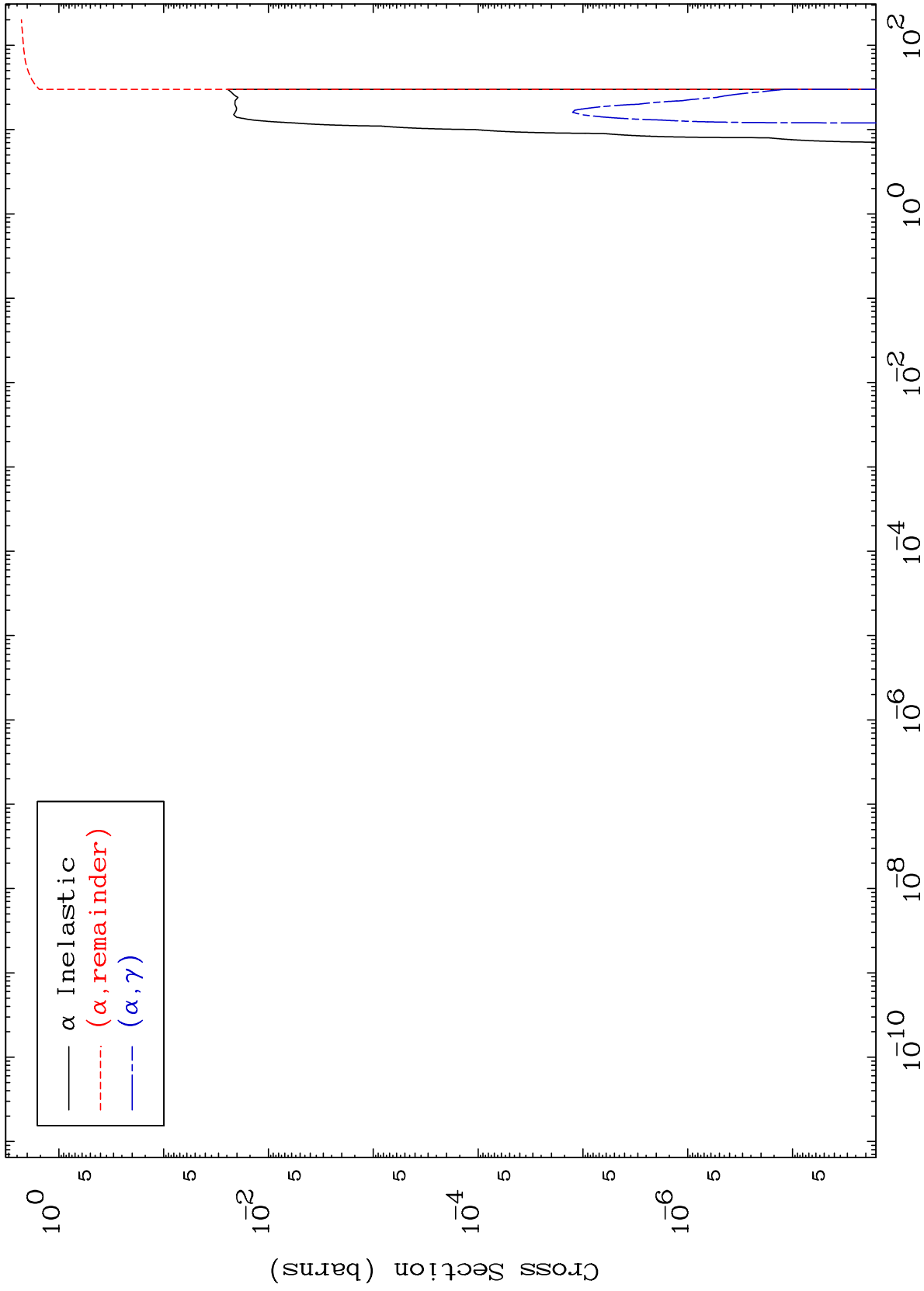
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5071

0 Kelvin  $\alpha$  Major

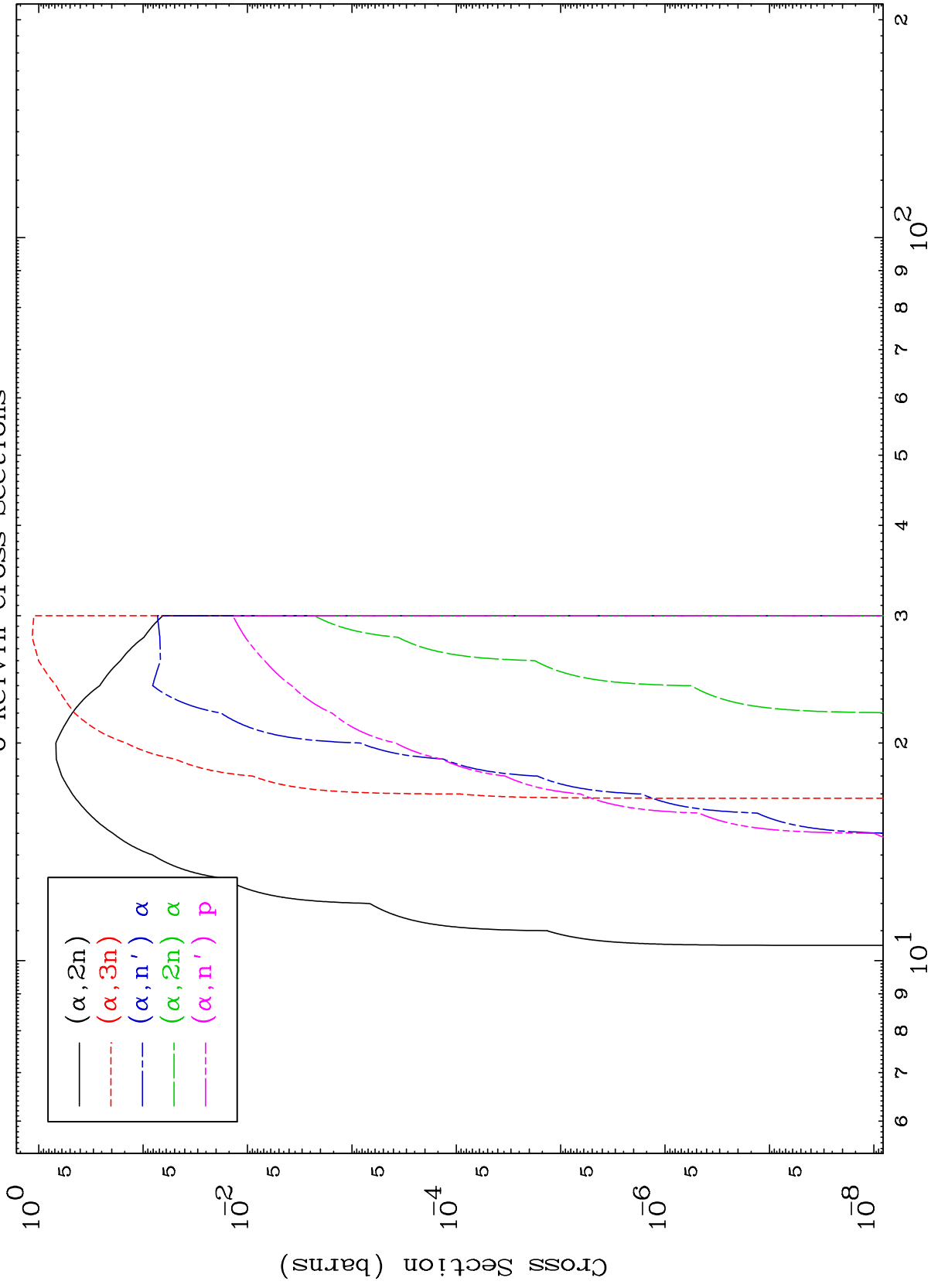
50-Sn-127



MAT 5071

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

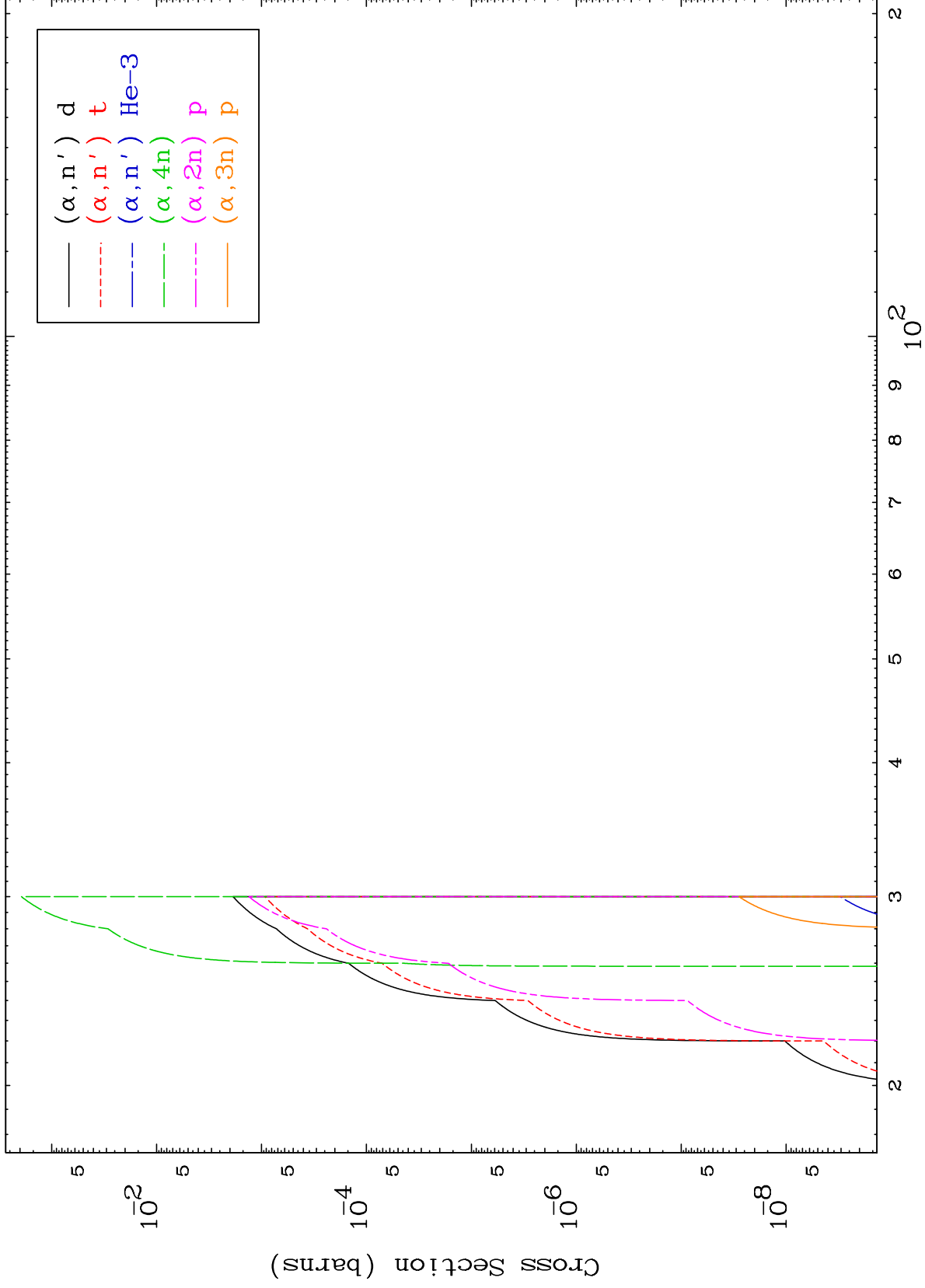
50-Sn-127



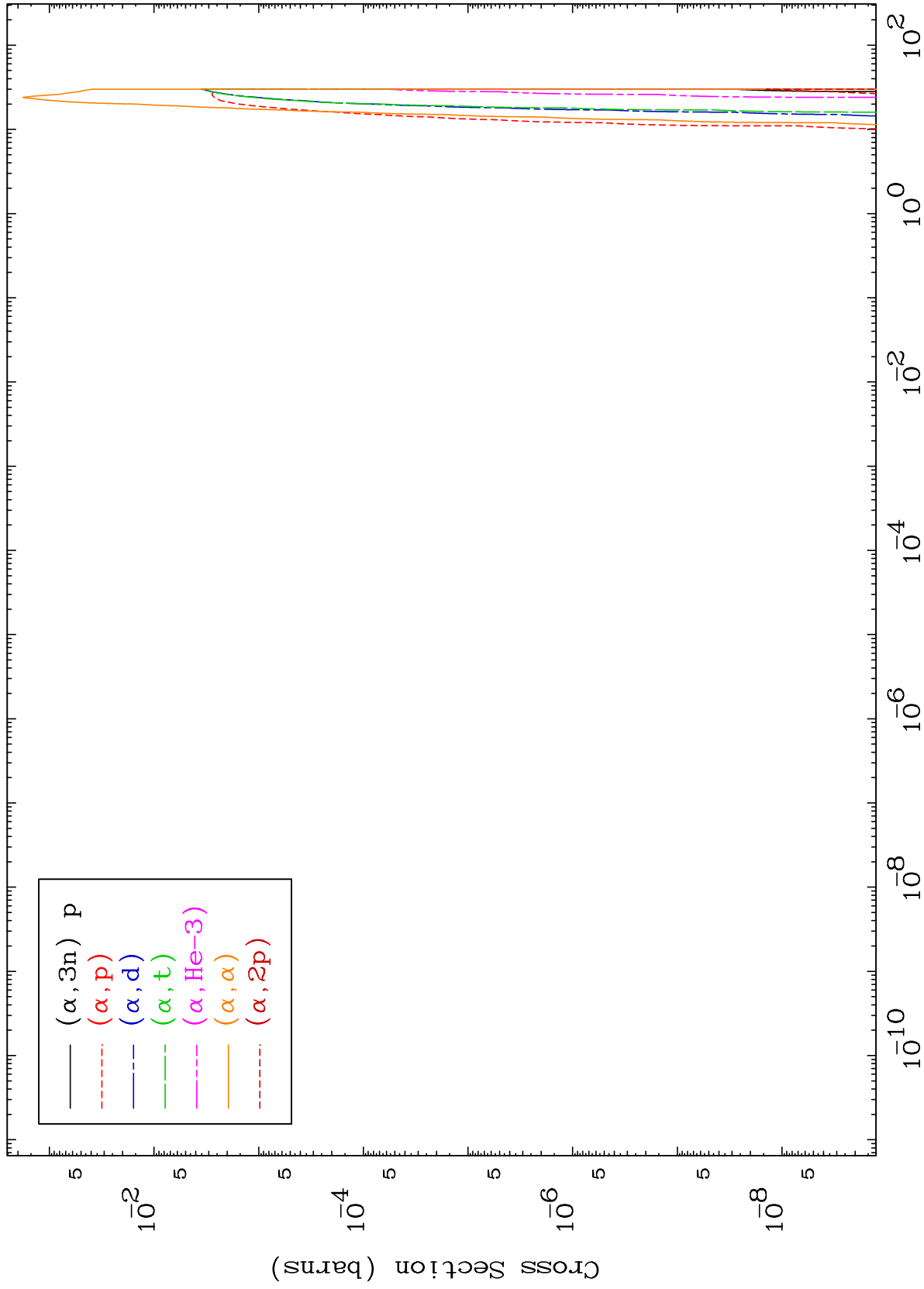
2

Incident Energy (MeV)

50-Sn-127



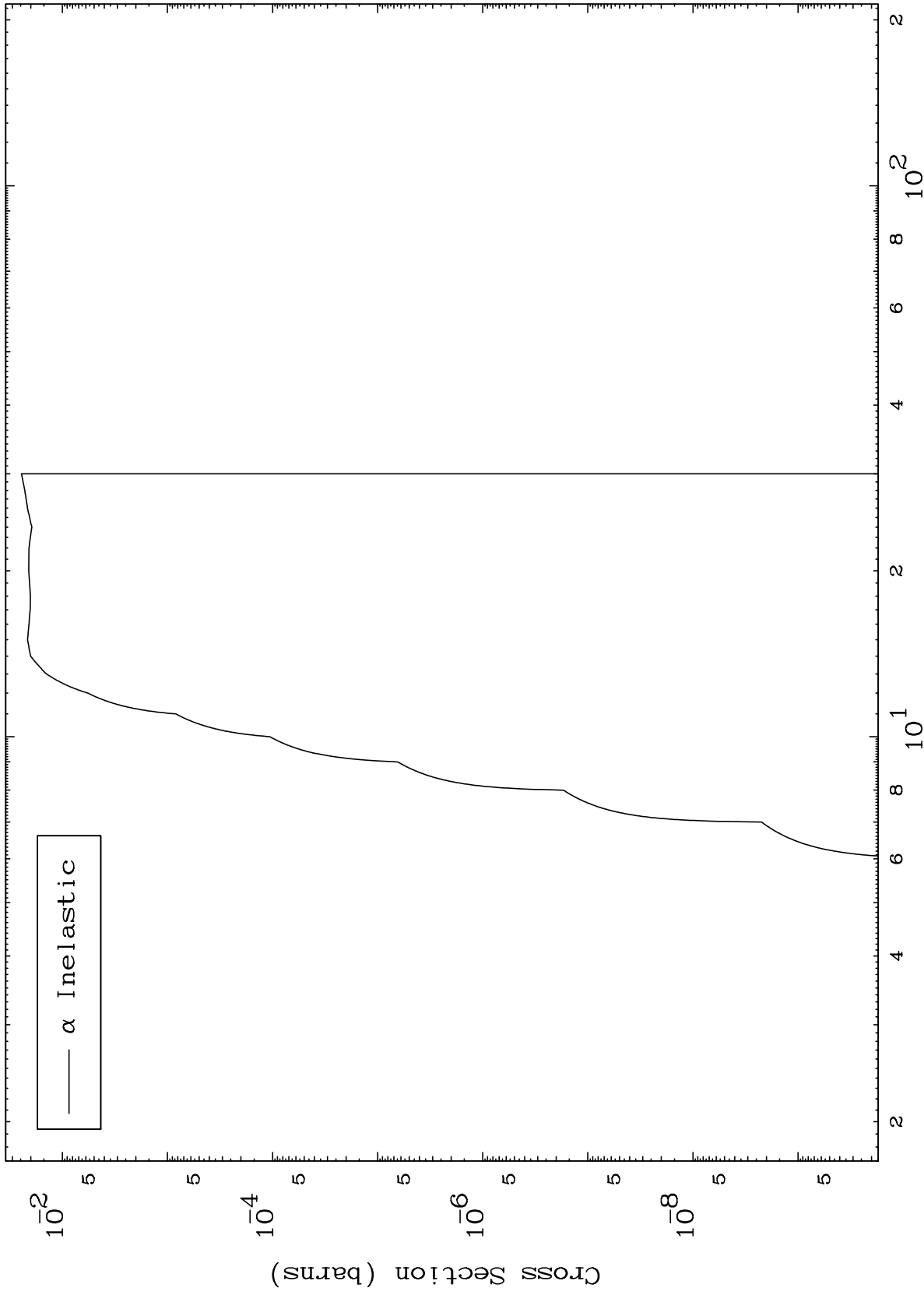




MAT 5071

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

50-Sn-127



6

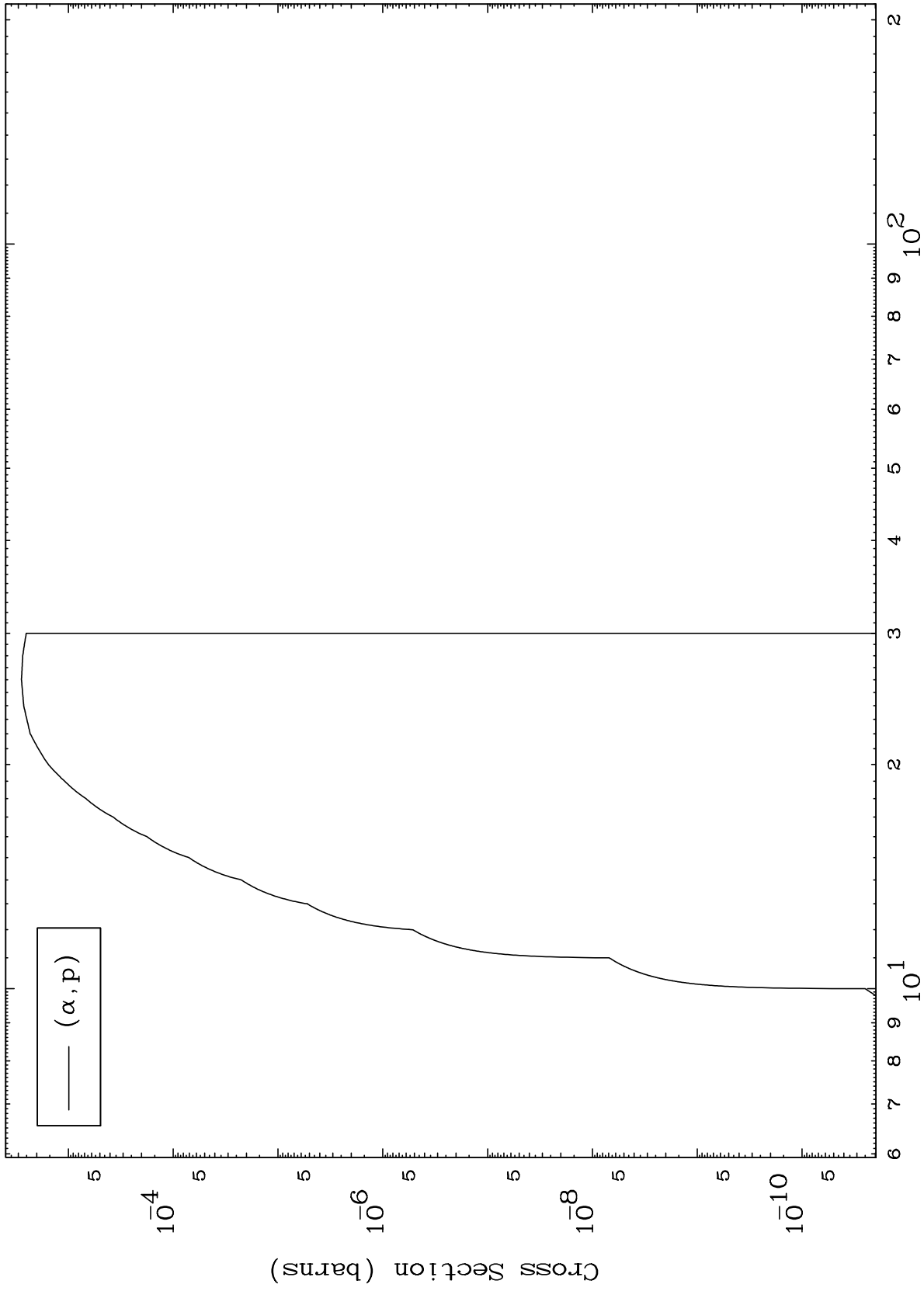
Incident Energy (MeV)

50-Sn-127

MAT 5071

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

50-Sn-127

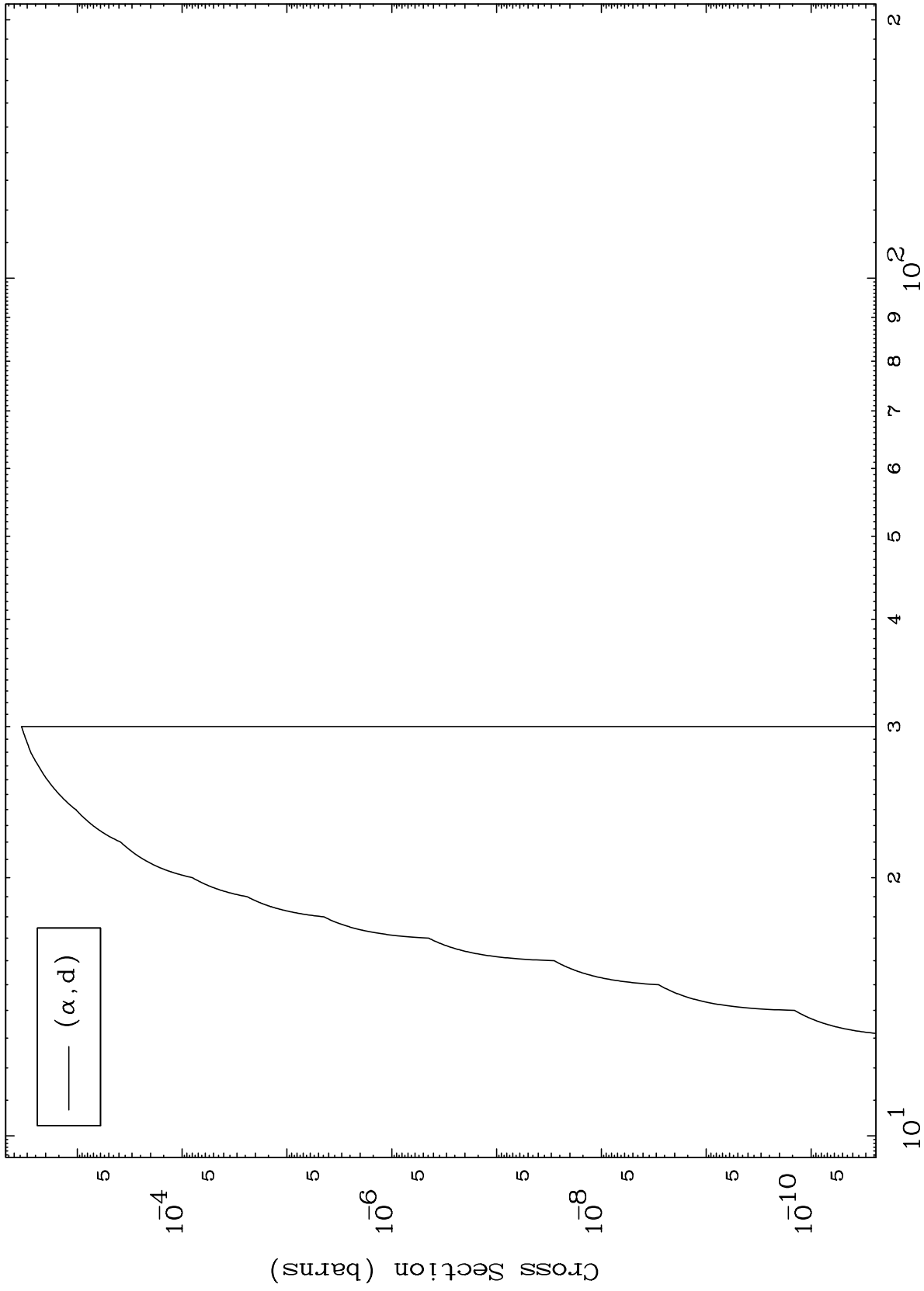




MAT 5071

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

50-Sn-127



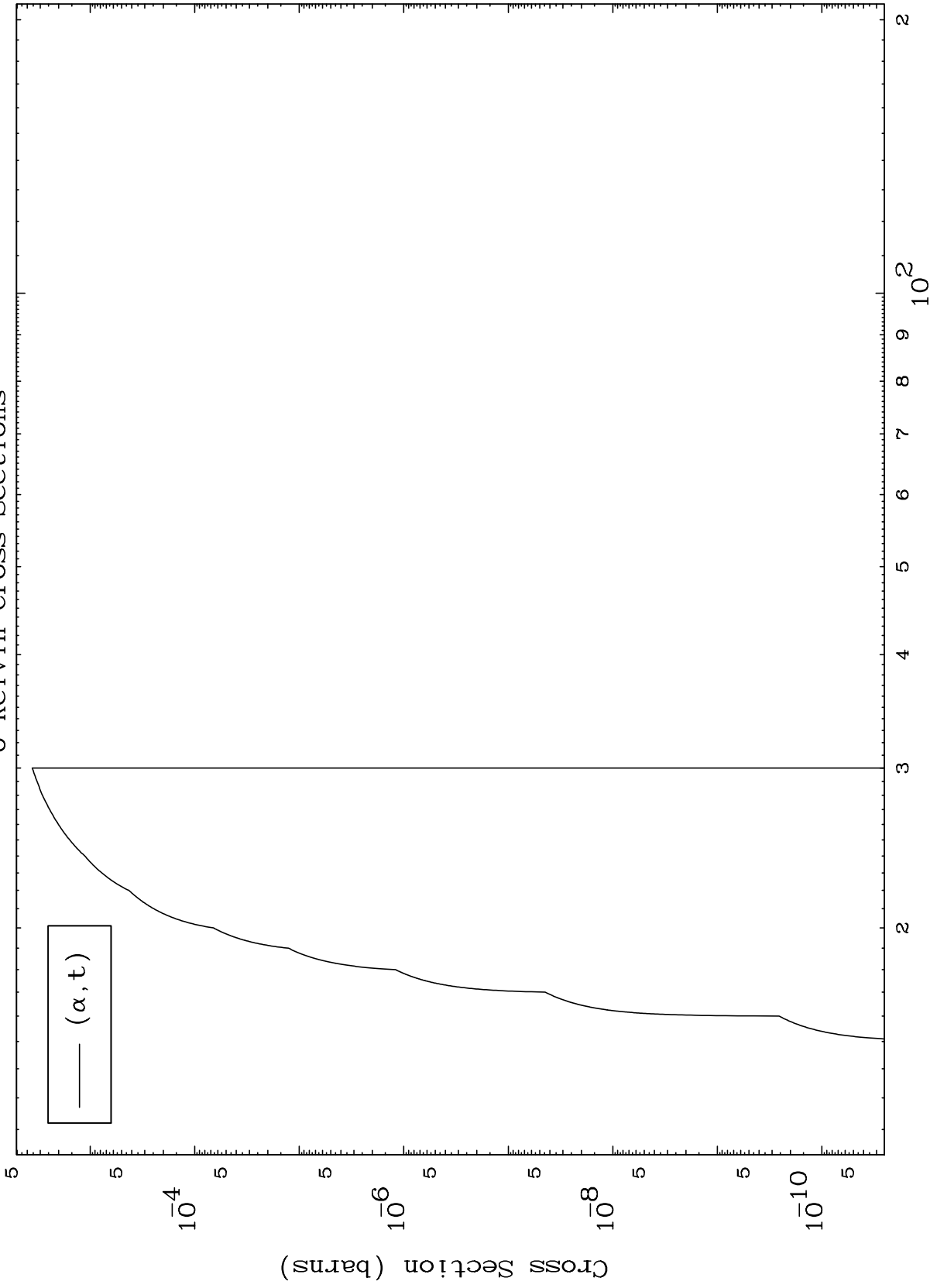
Incident Energy (MeV)

50-Sn-127

MAT 5071

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

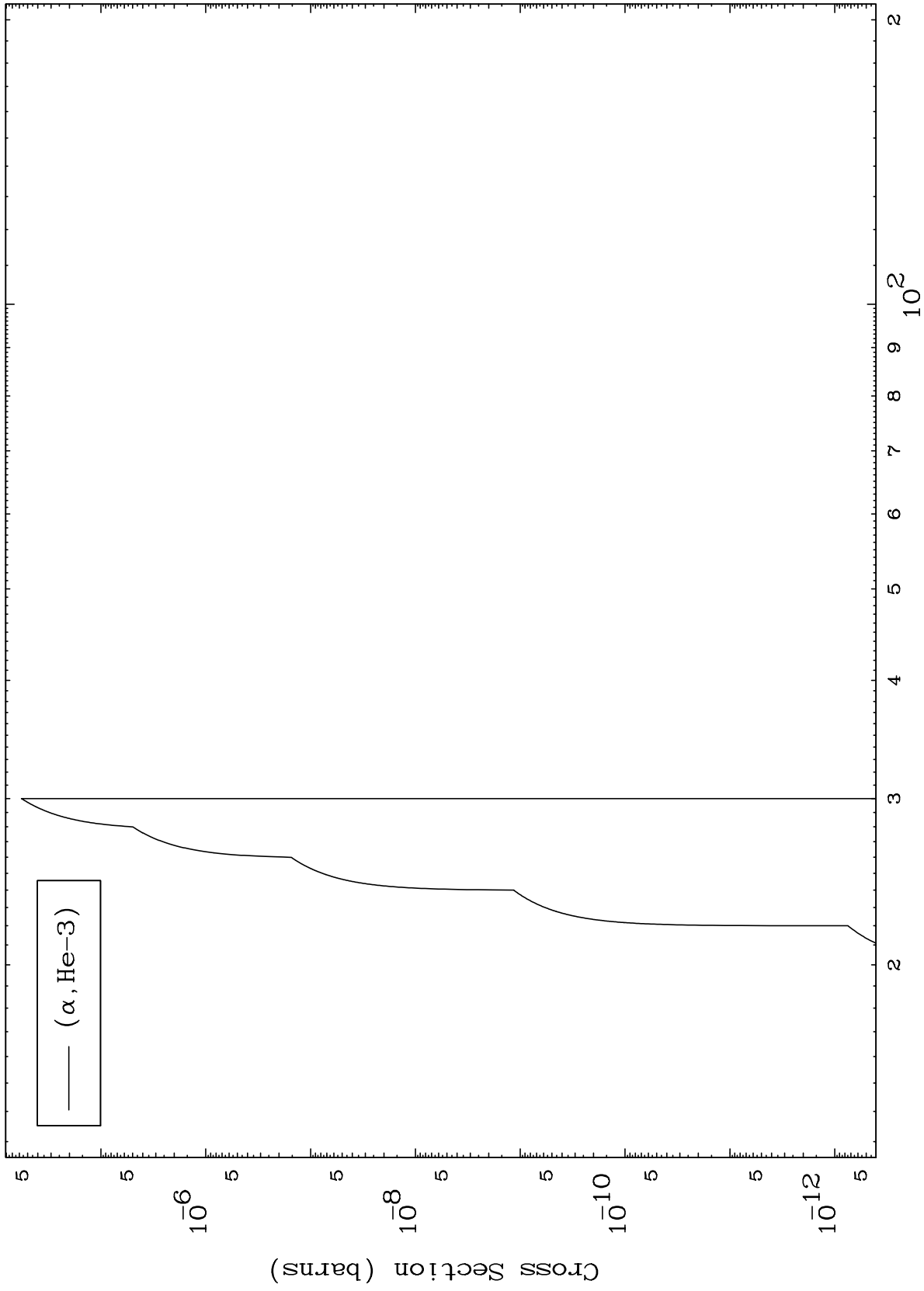
50-Sn-127



MAT 5071

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

50-Sn-127



10

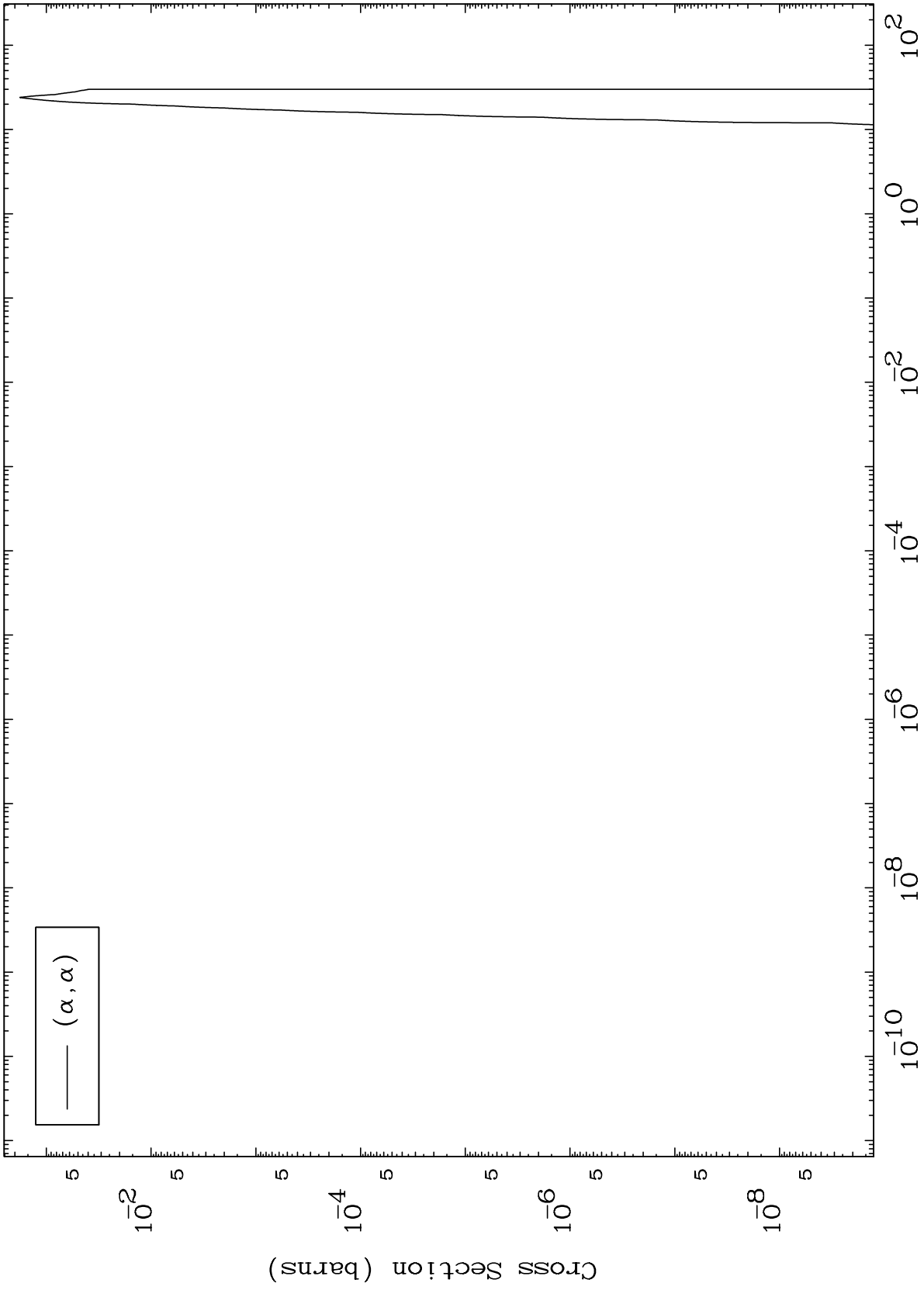
Incident Energy (MeV)

50-Sn-127

MAT 5071

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

50-Sn-127



11

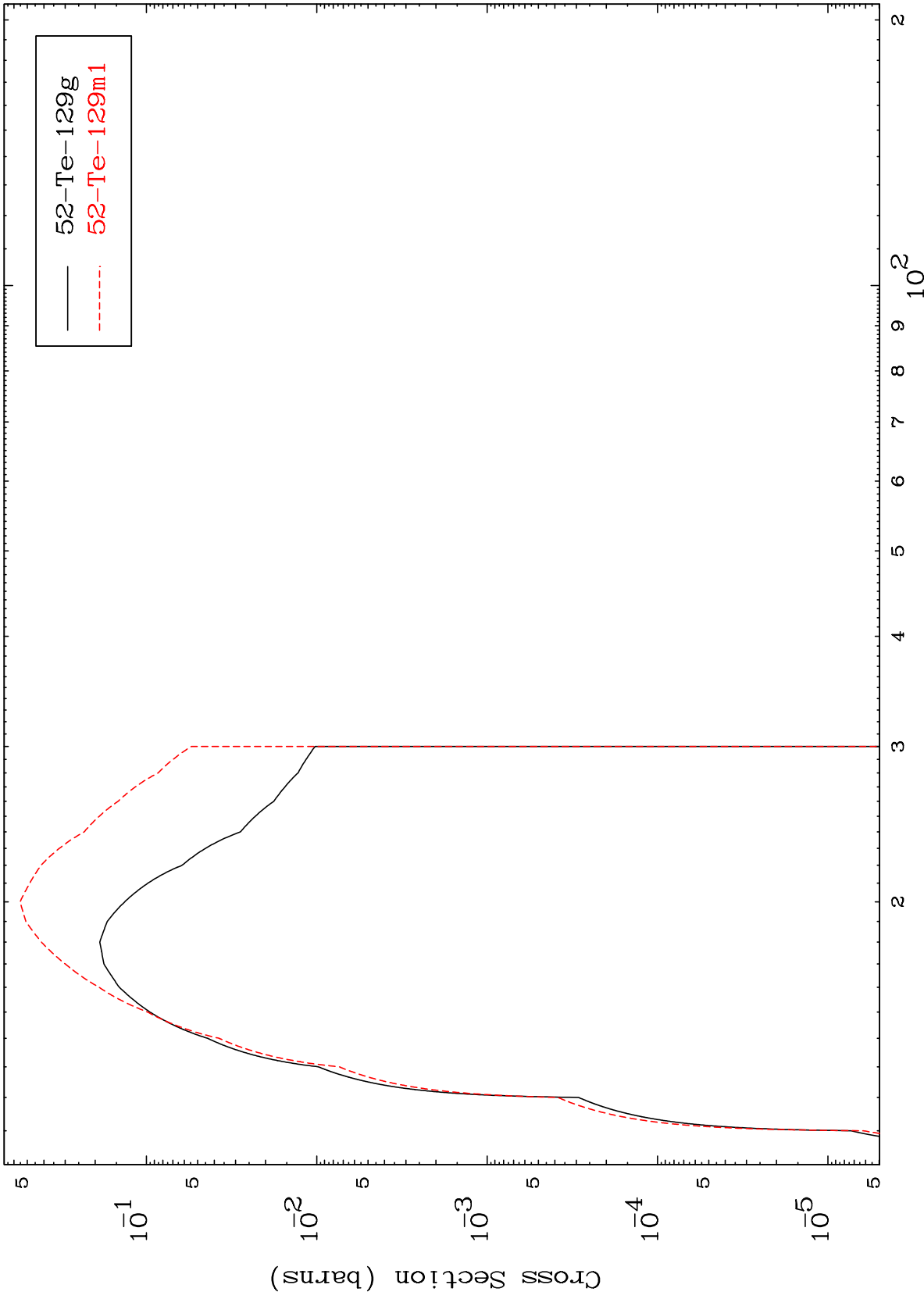
Incident Energy (MeV)

50-Sn-127

MAT 5071

50-Sn-127

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



12

Incident Energy (MeV)

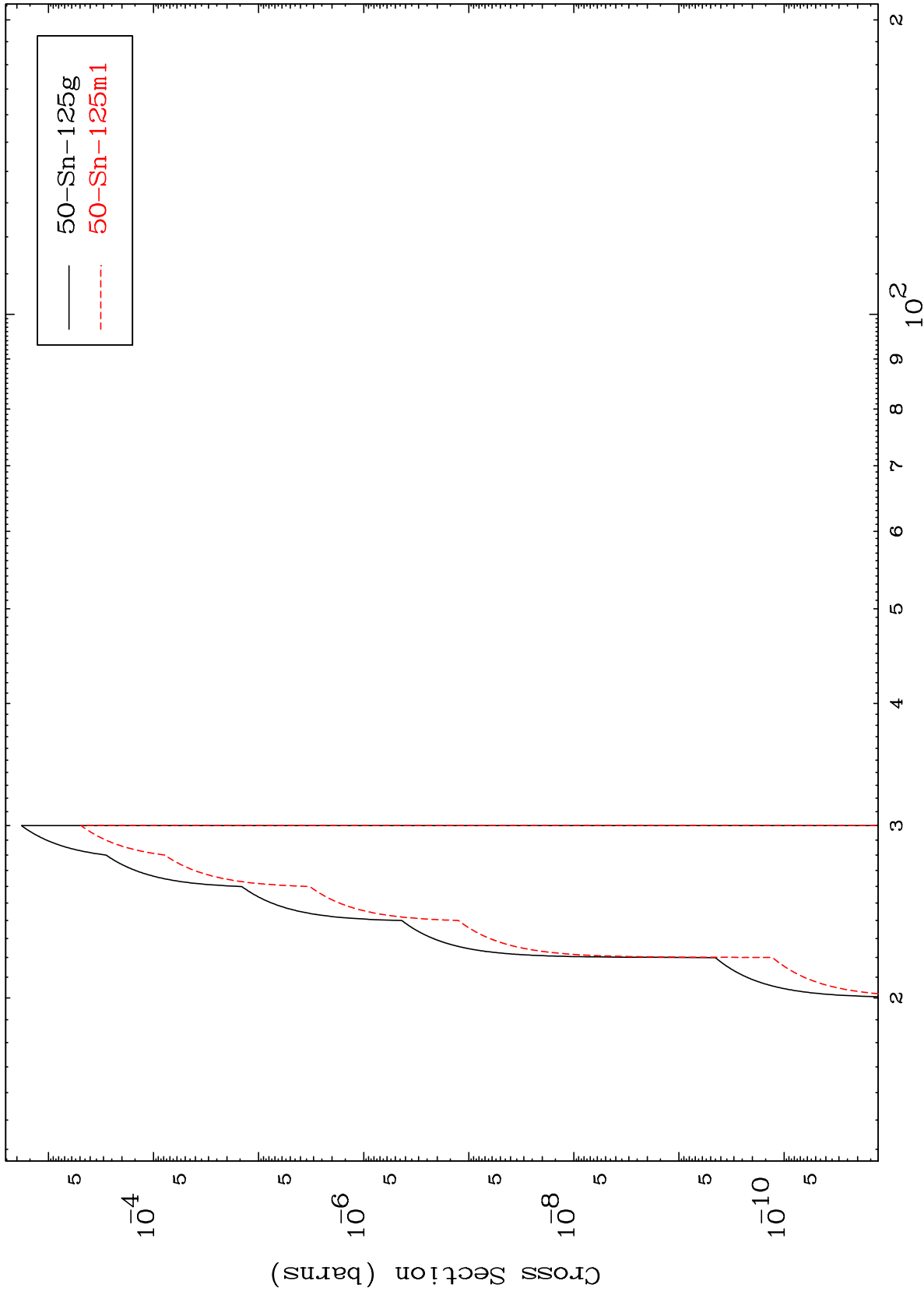
50-Sn-127

MAT 5071

$(\alpha, 2n) \alpha$

50-Sn-127

Radionuclide Production Cross Section



13

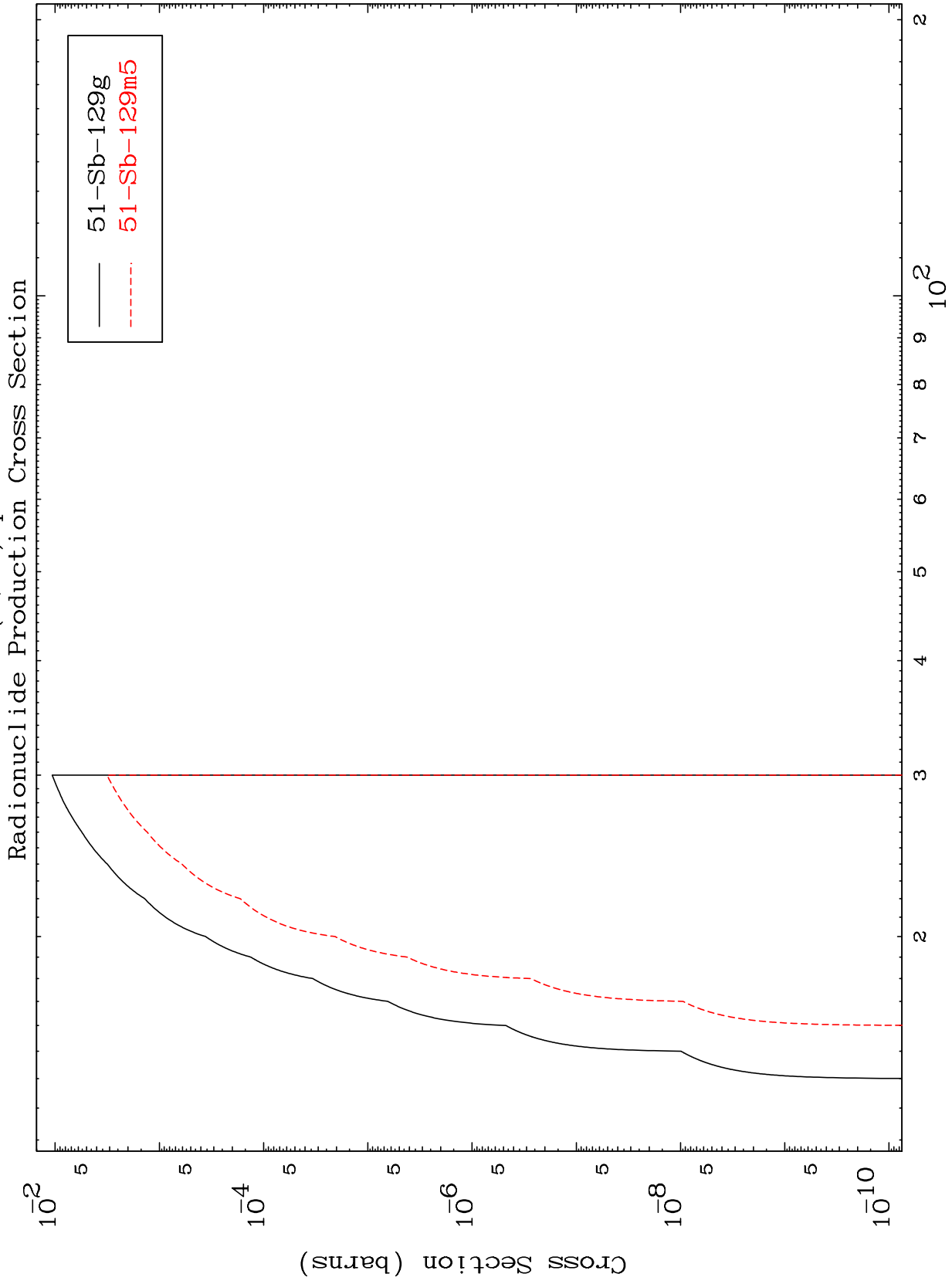
Incident Energy (MeV)

50-Sn-127

MAT 5071

( $\alpha, n'$ ) p

50-Sn-127



14

Incident Energy (MeV)

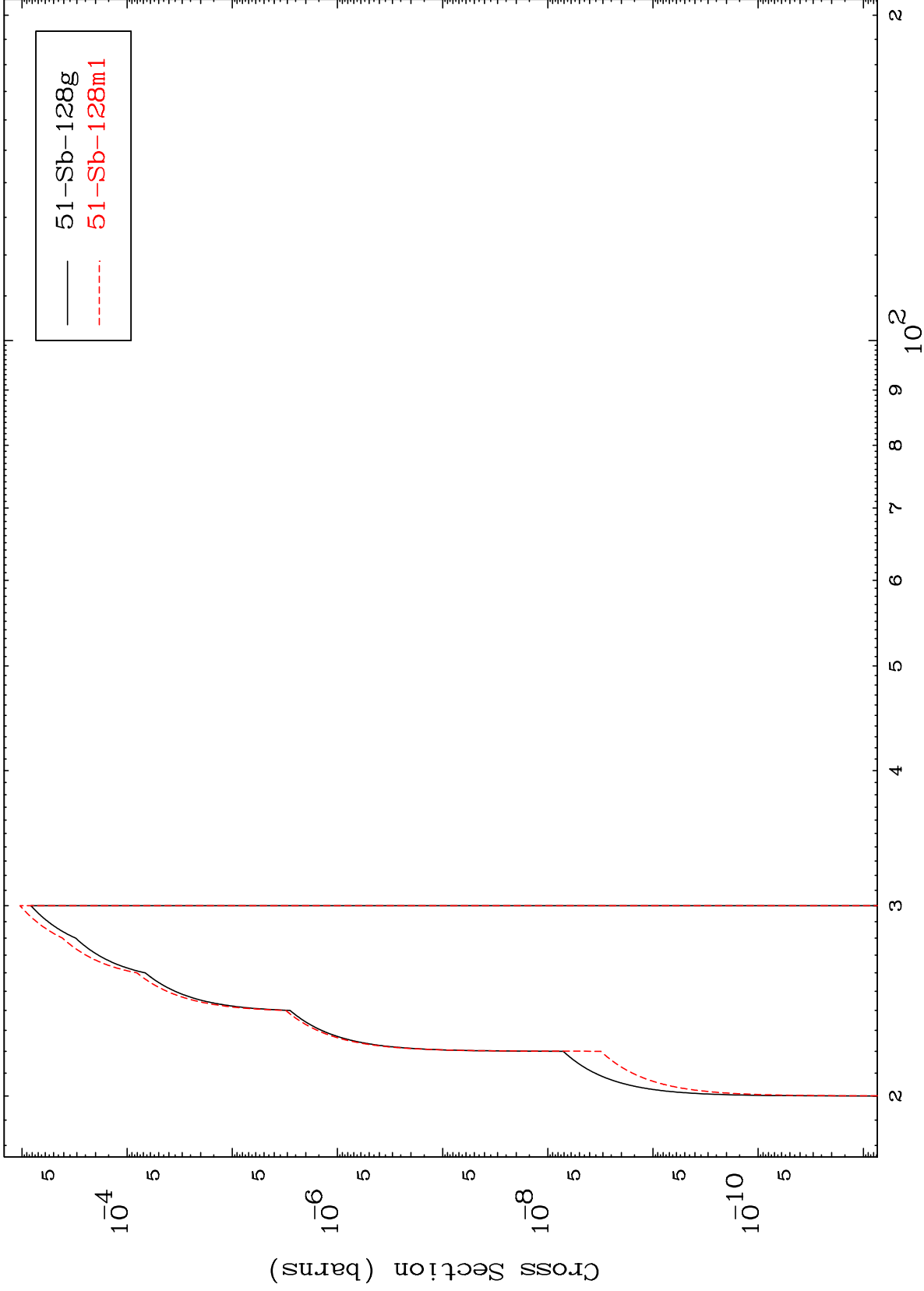
50-Sn-127

MAT 5071

( $\alpha, n'$ ) d

50-Sn-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-127

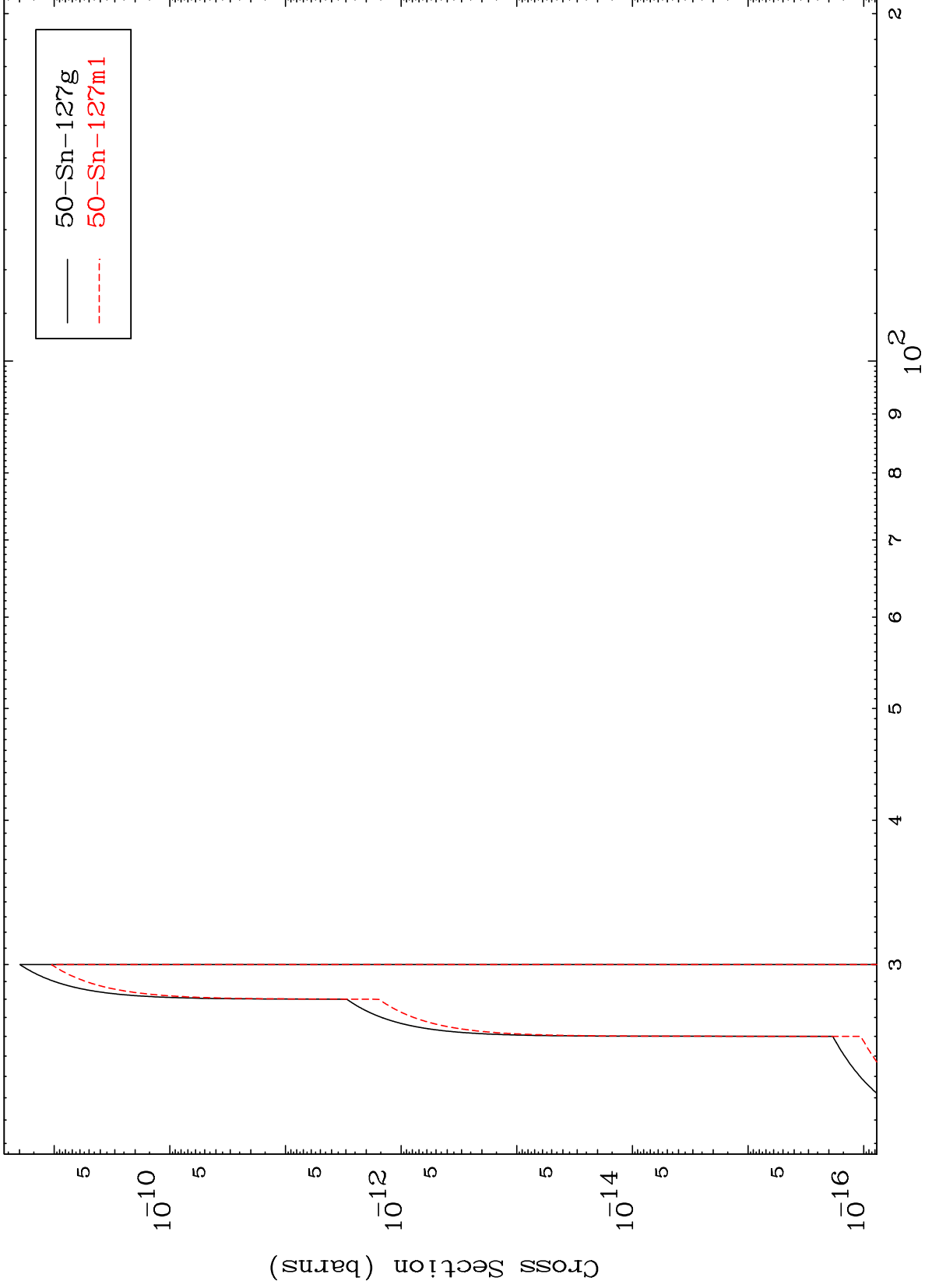


MAT 5071

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

50-Sn-127

Radionuclide Production Cross Section



16

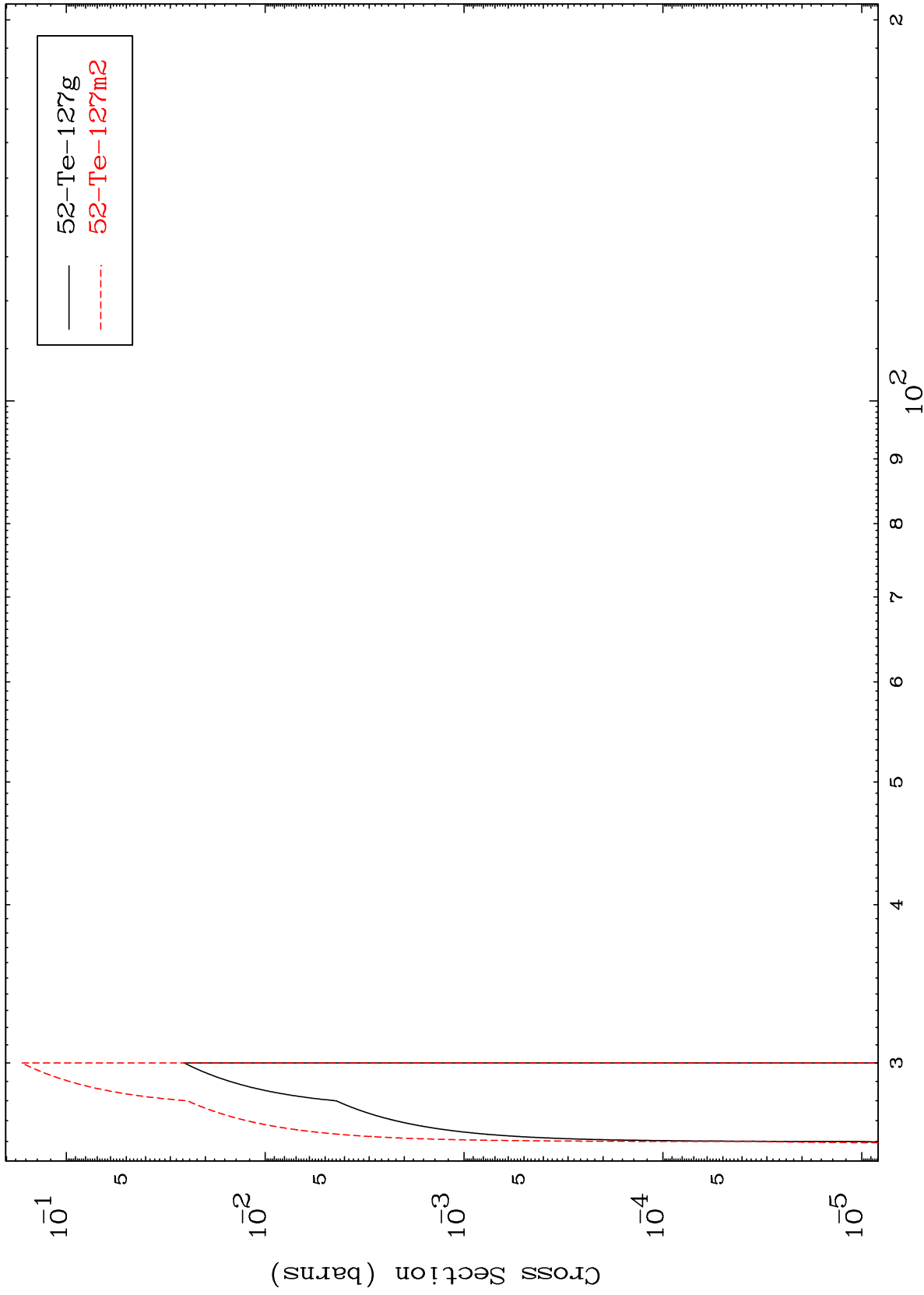
Incident Energy (MeV)

50-Sn-127

MAT 5071

50-Sn-127

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



17

Incident Energy (MeV)

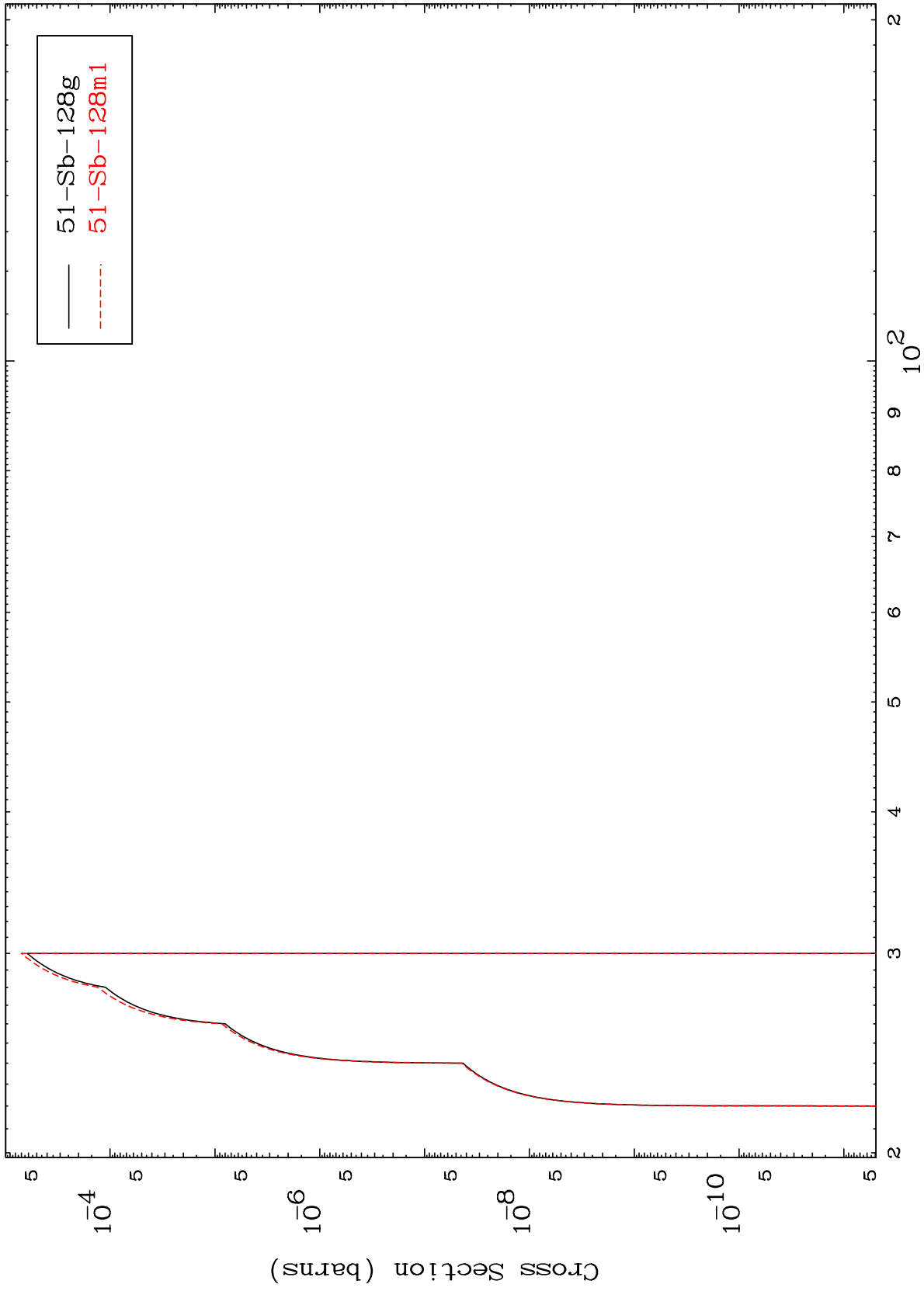
50-Sn-127

MAT 5071

( $\alpha, 2n$ ) p

50-Sn-127

Radionuclide Production Cross Section



18

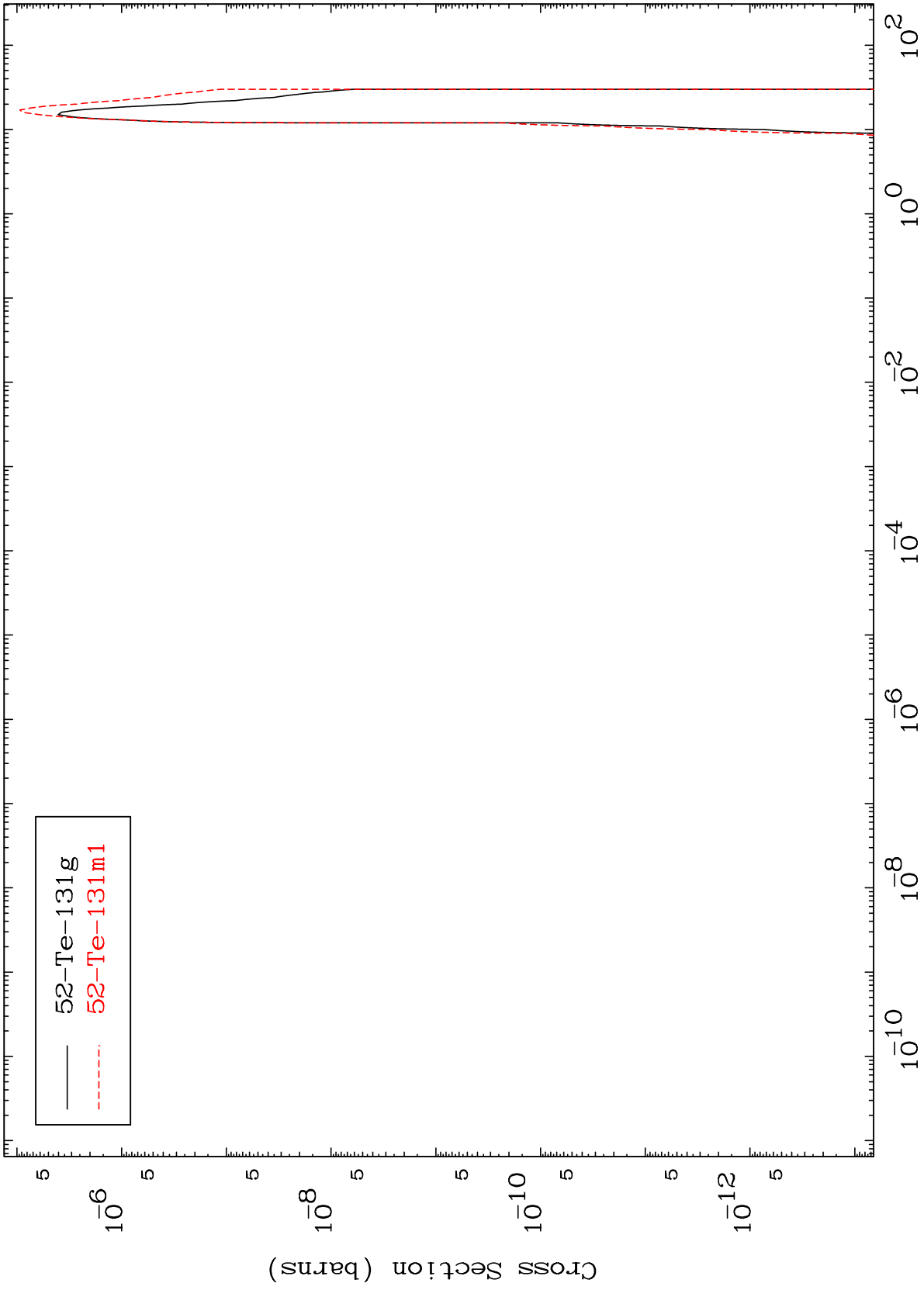
Incident Energy (MeV)

50-Sn-127

MAT 5071

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

50-Sn-127



19

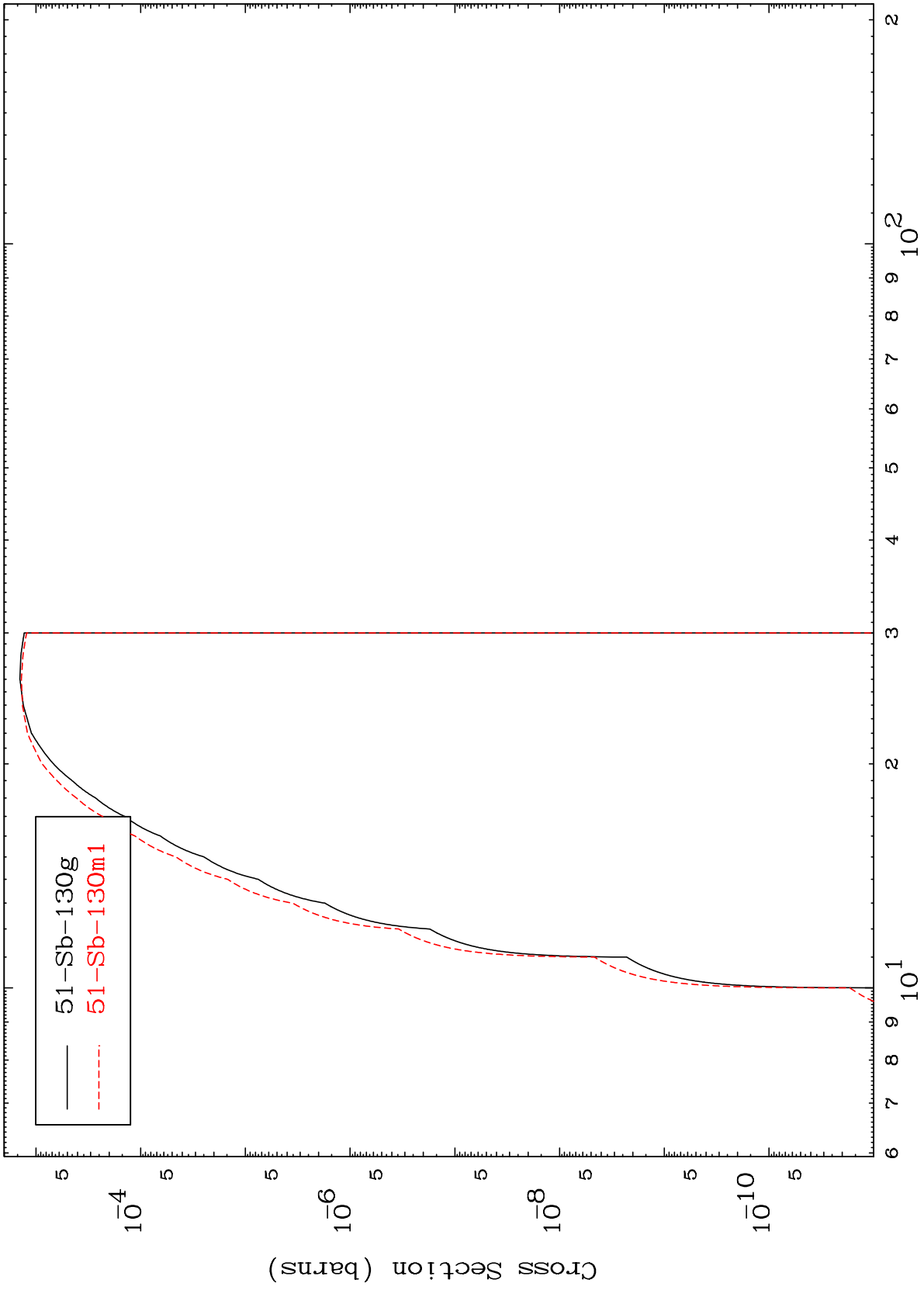
Incident Energy (MeV)

50-Sn-127

MAT 5071

50-Sn-127

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



20

Incident Energy (MeV)

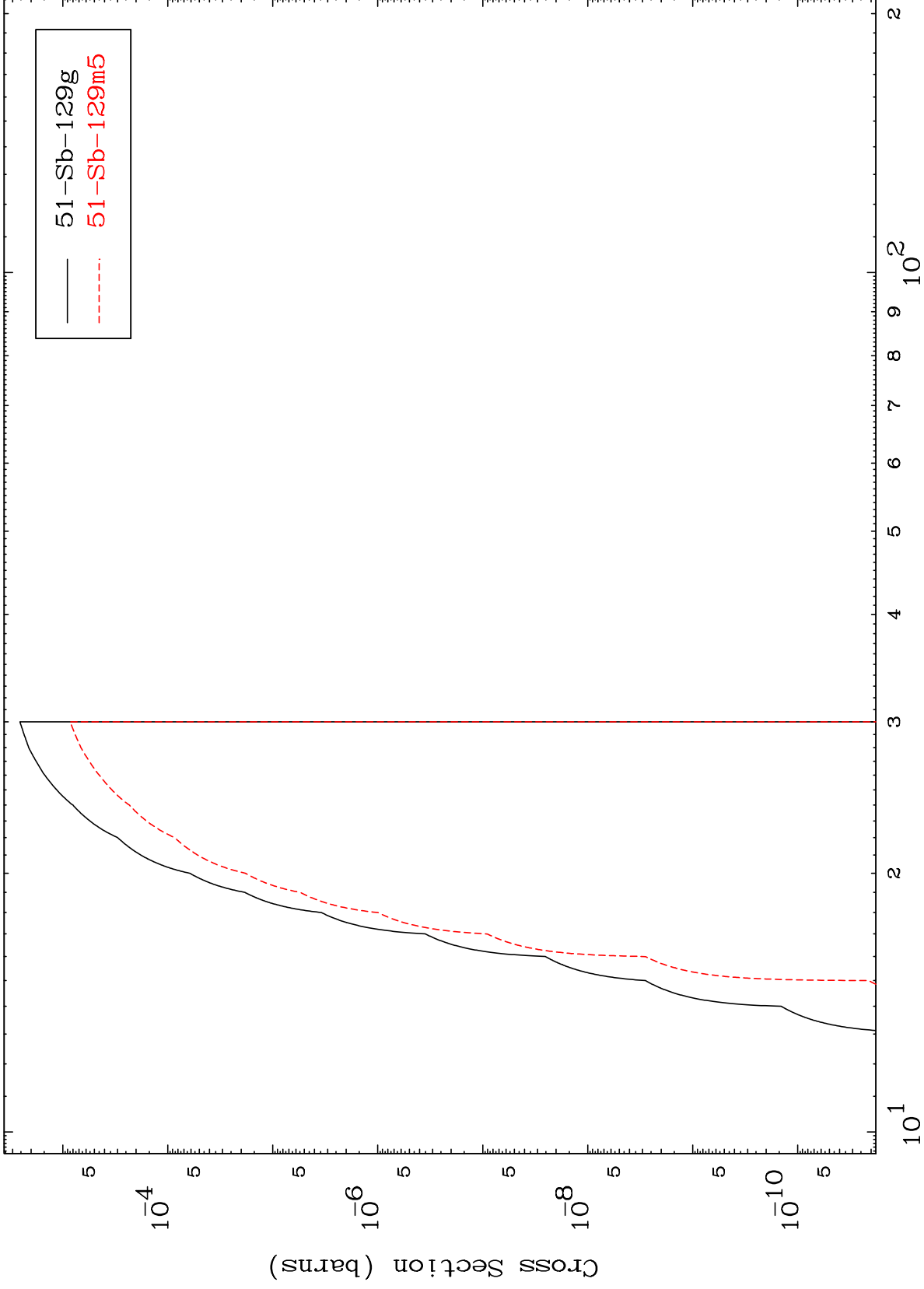
50-Sn-127

MAT 5071

( $\alpha, d$ )

50-Sn-127

Radionuclide Production Cross Section



21

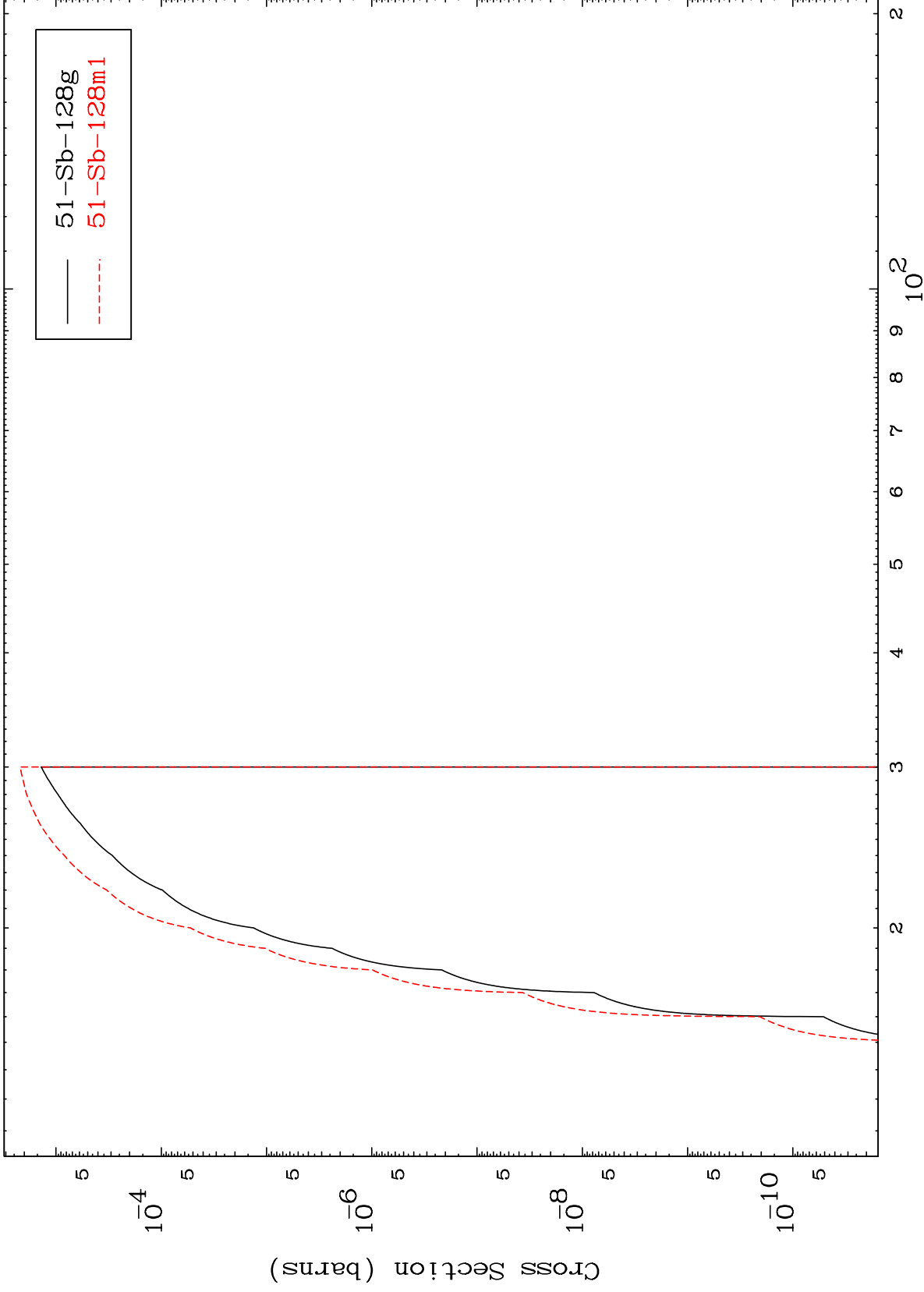
Incident Energy (MeV)

50-Sn-127

MAT 5071

50-Sn-127

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



22

Incident Energy (MeV)

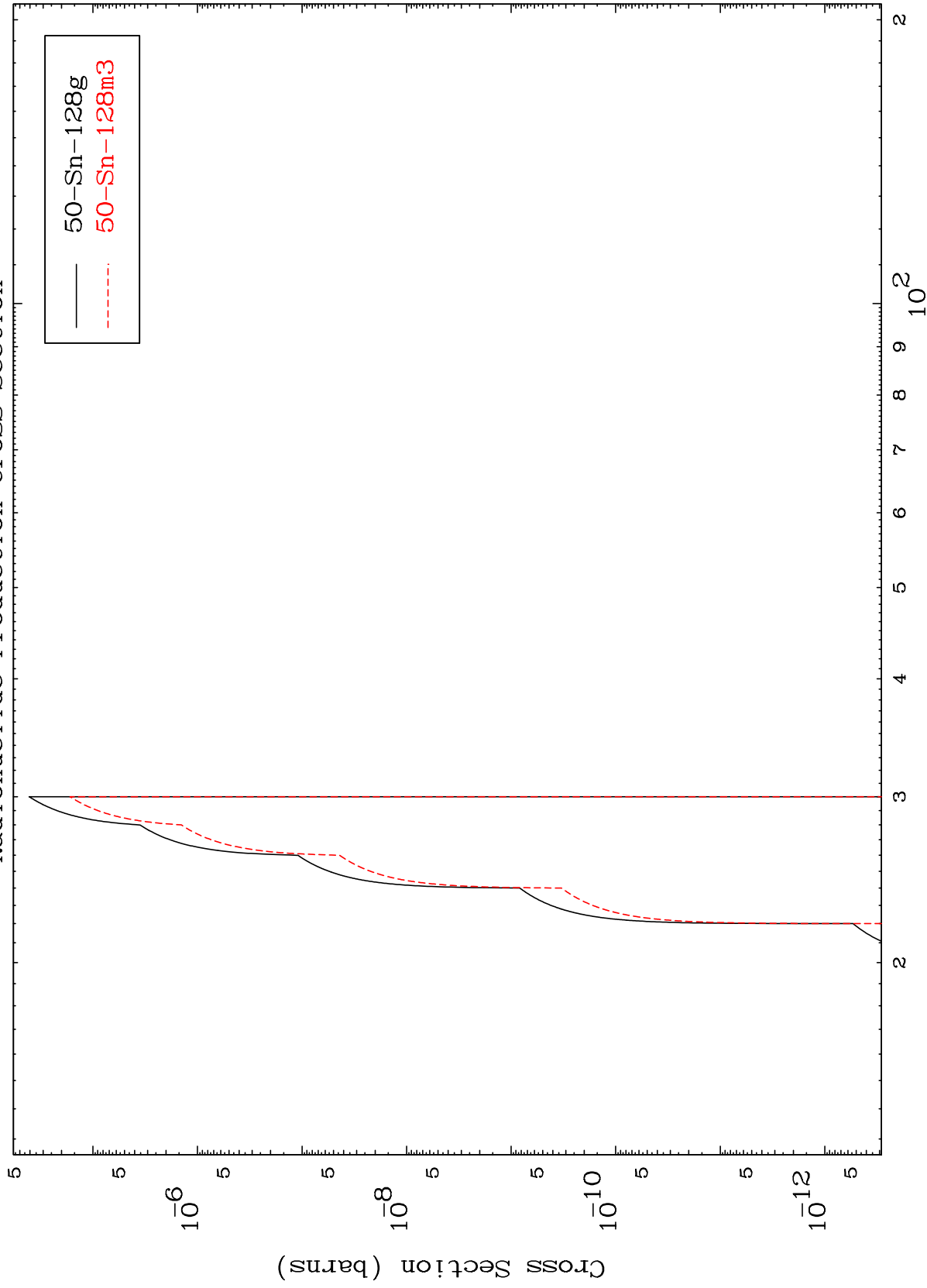
50-Sn-127

MAT 5071

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

50-Sn-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

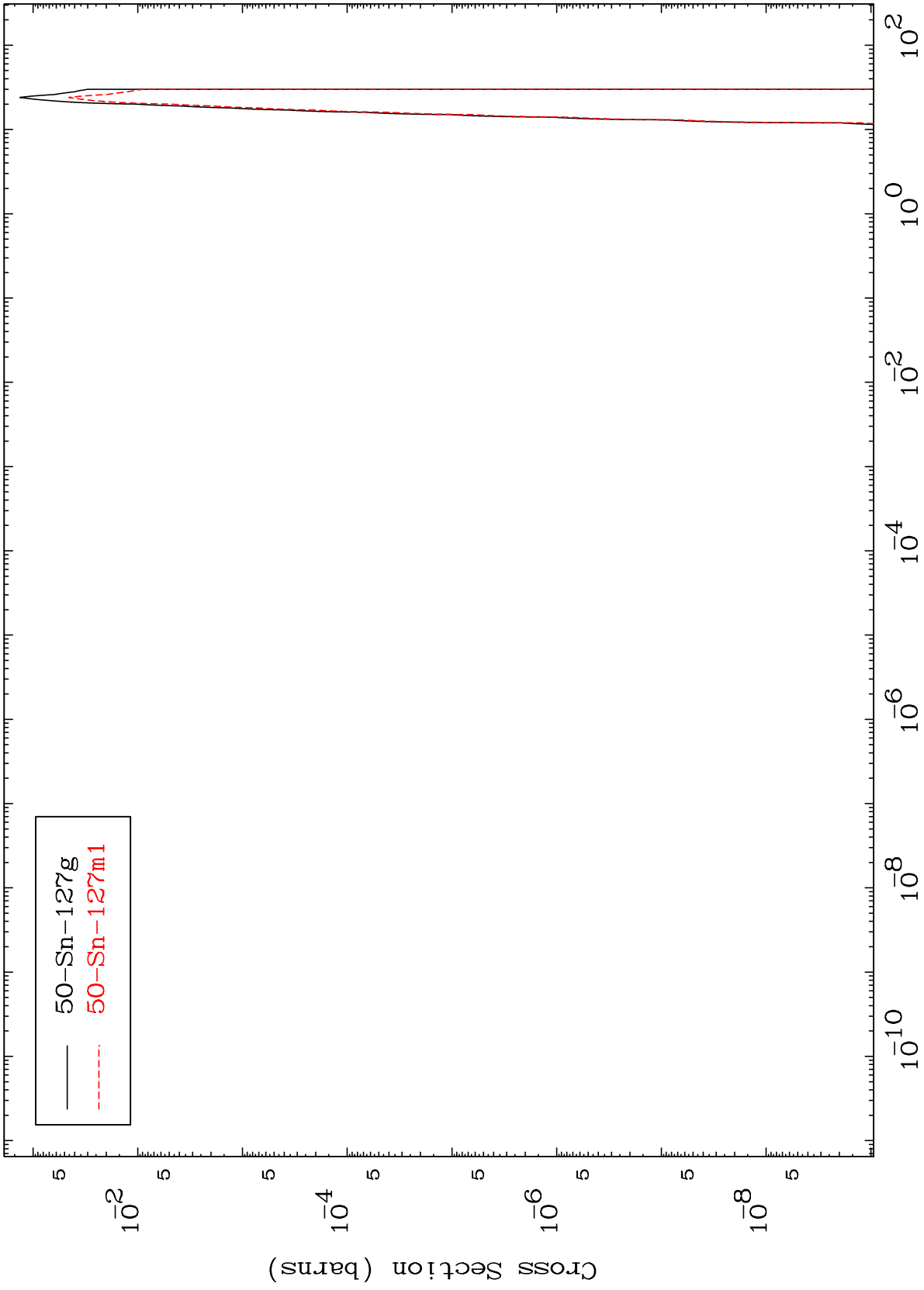
50-Sn-127



MAT 5071

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

50-Sn-127



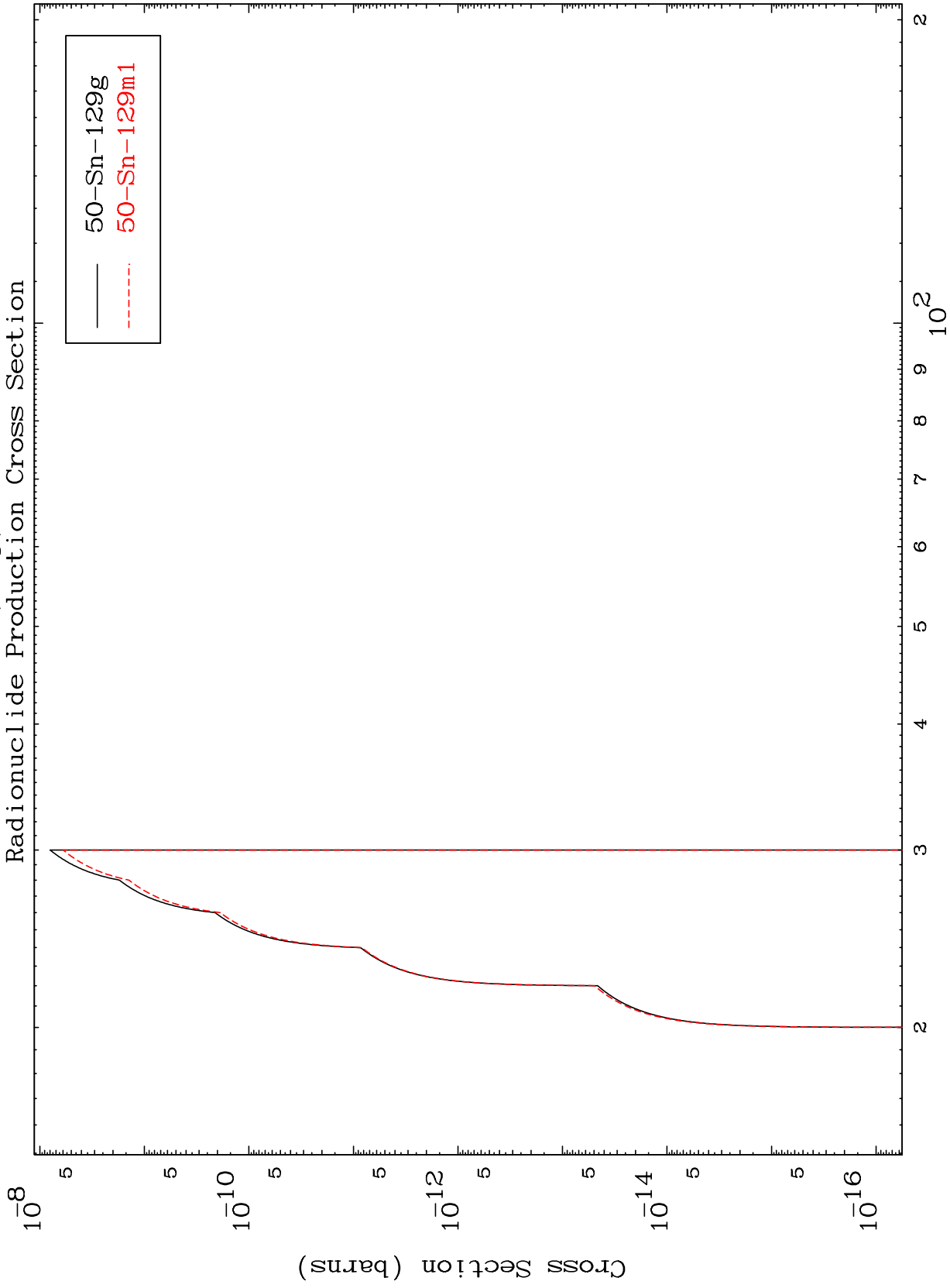
24

50-Sn-127

MAT 5071

50-Sn-127

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



25

Incident Energy (MeV)

50-Sn-127