

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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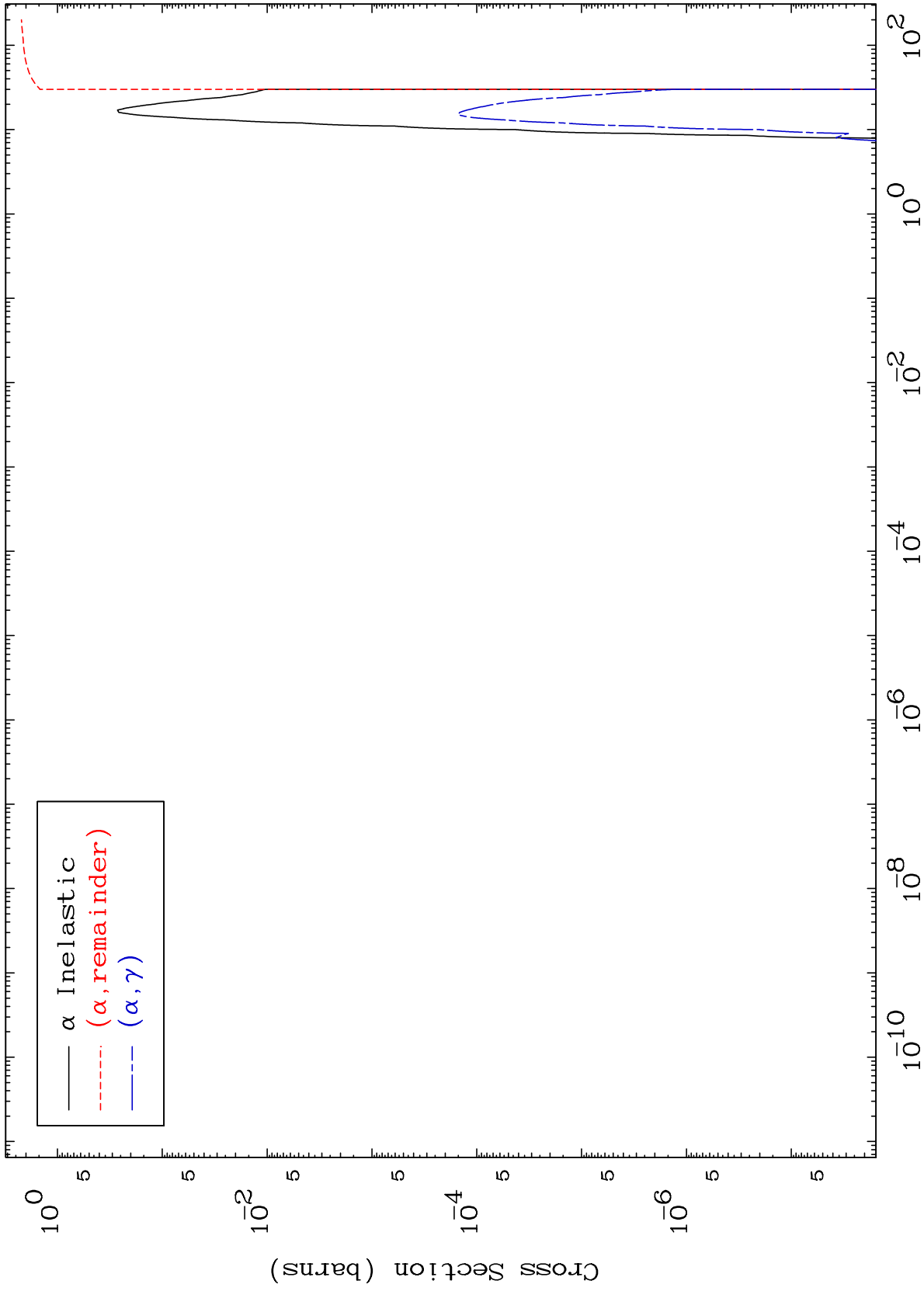
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5049

0 Kelvin  $\alpha$  Major  
Cross Sections

50-Sn-120

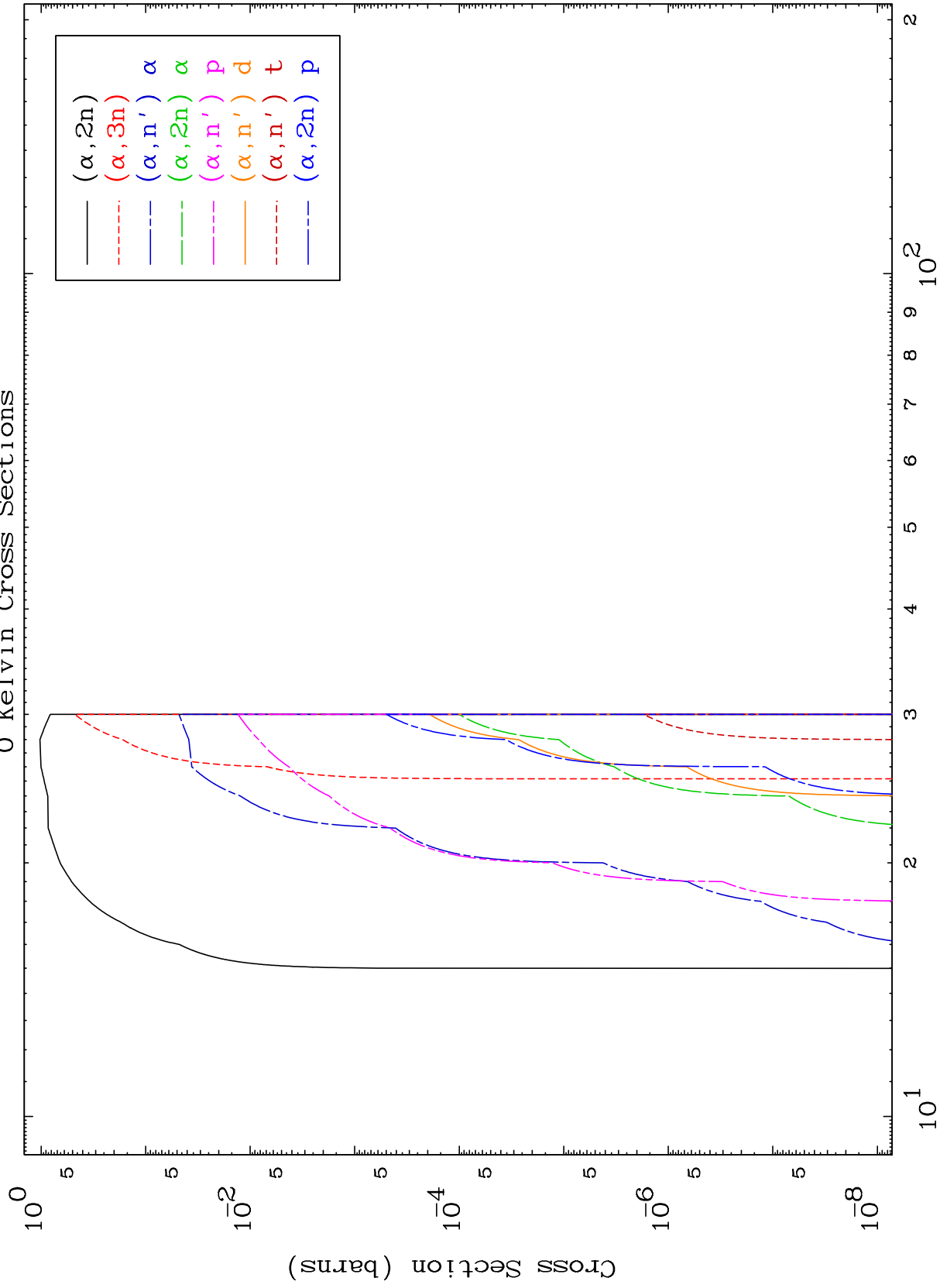


50-Sn-120

MAT 5049

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

50-Sn-120



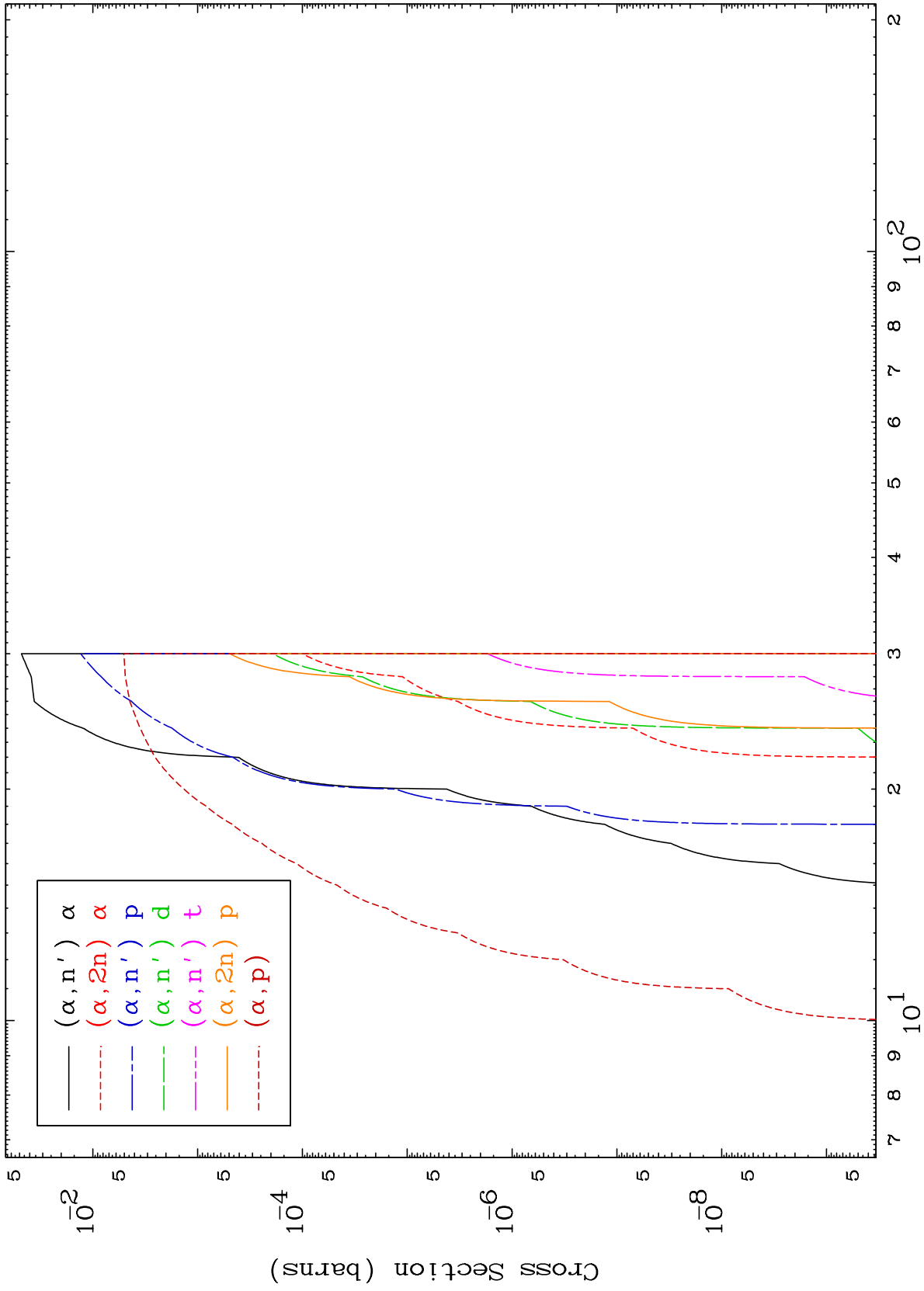
Incident Energy (MeV)

50-Sn-120

MAT 5049

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

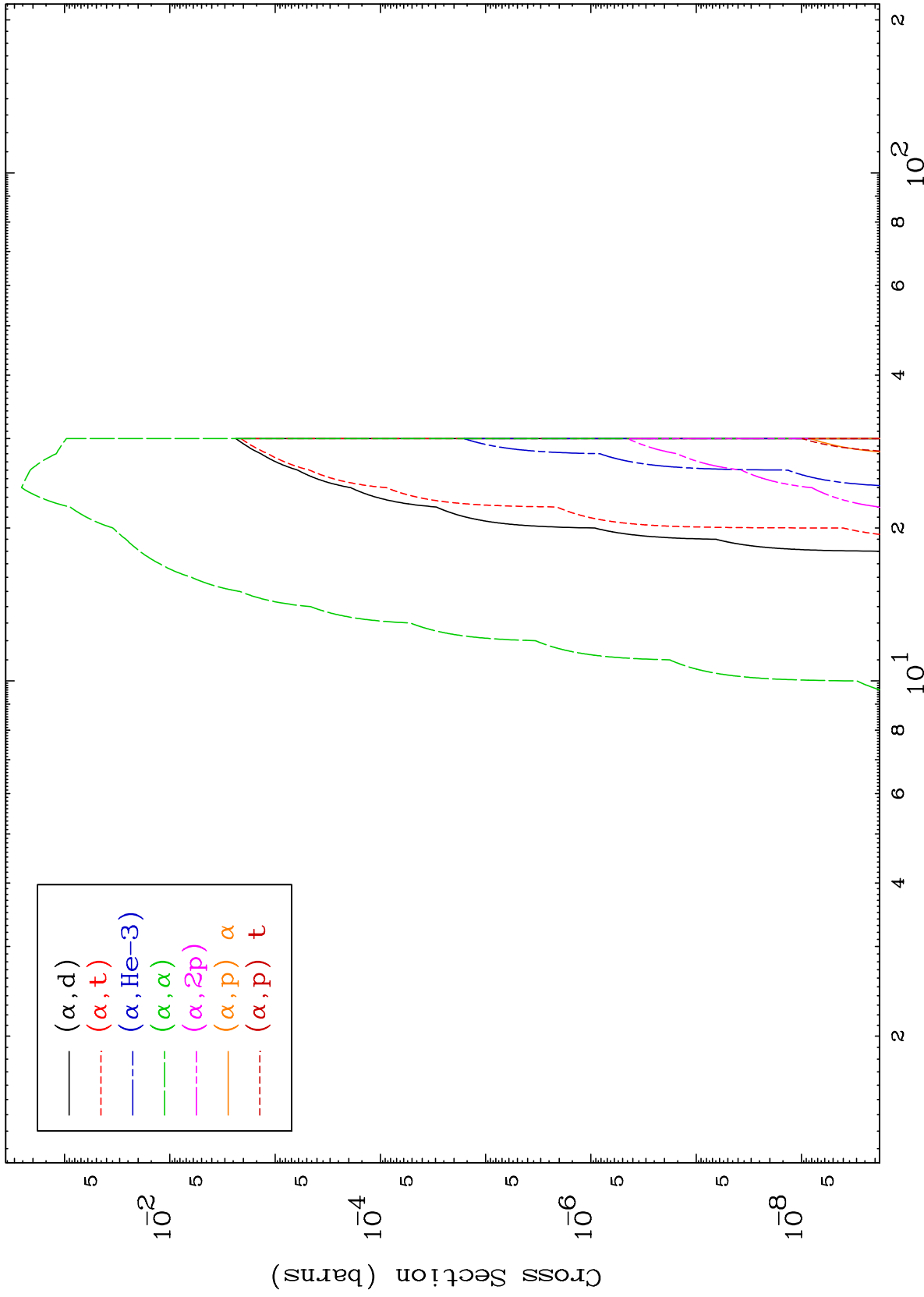
50-Sn-120



3

Incident Energy (MeV)

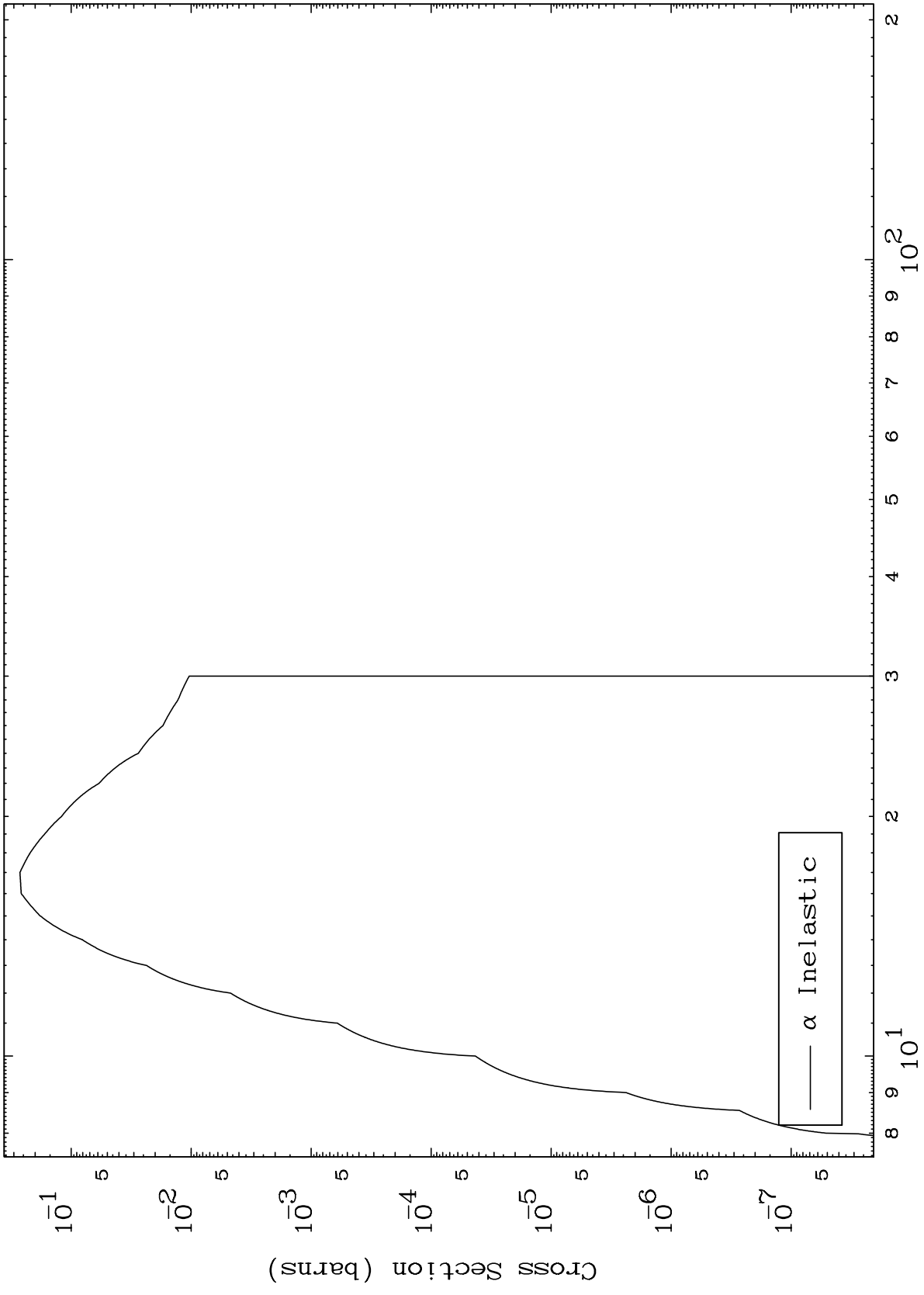
50-Sn-120



MAT 5049

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

50-Sn-120



5

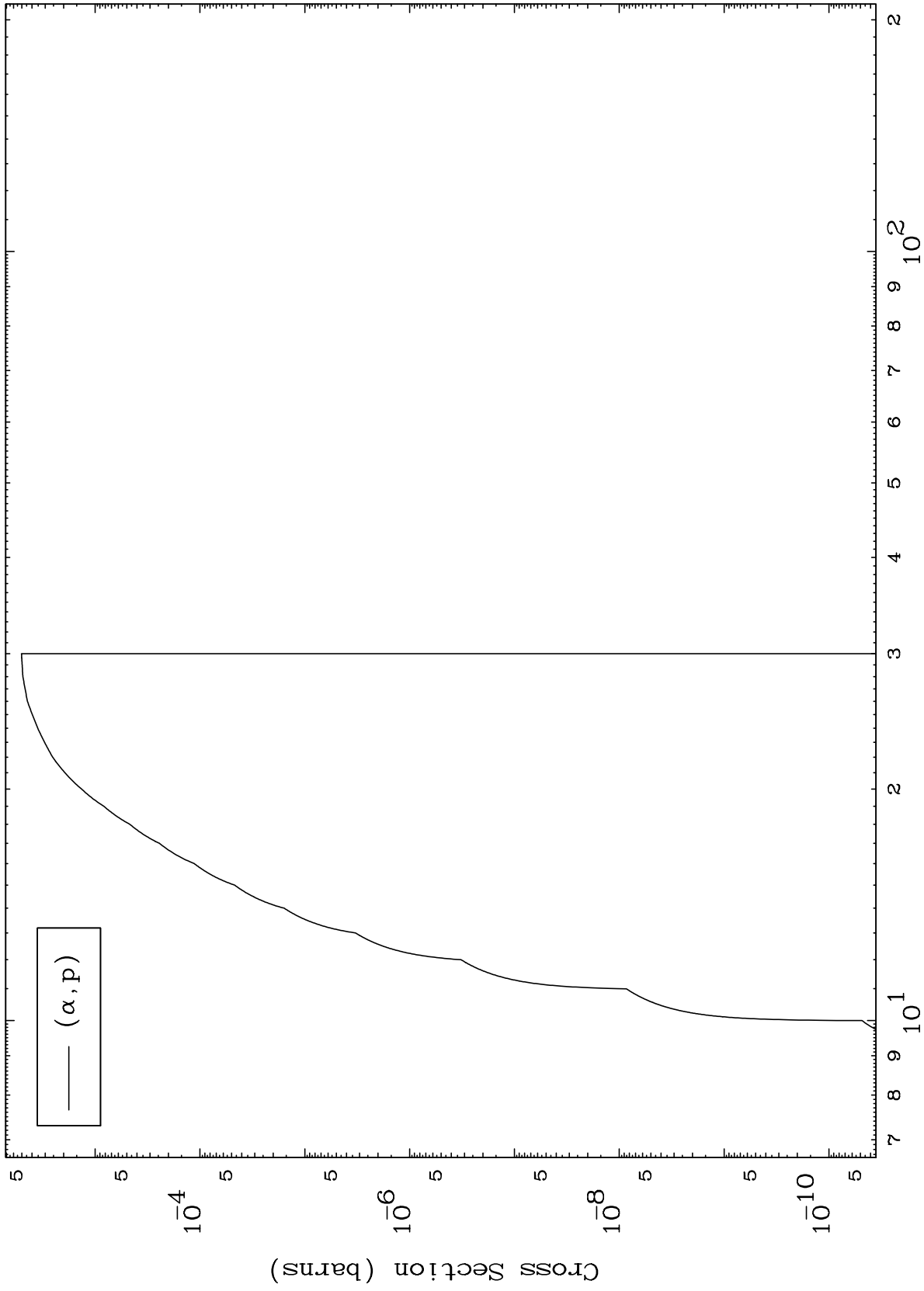
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



6

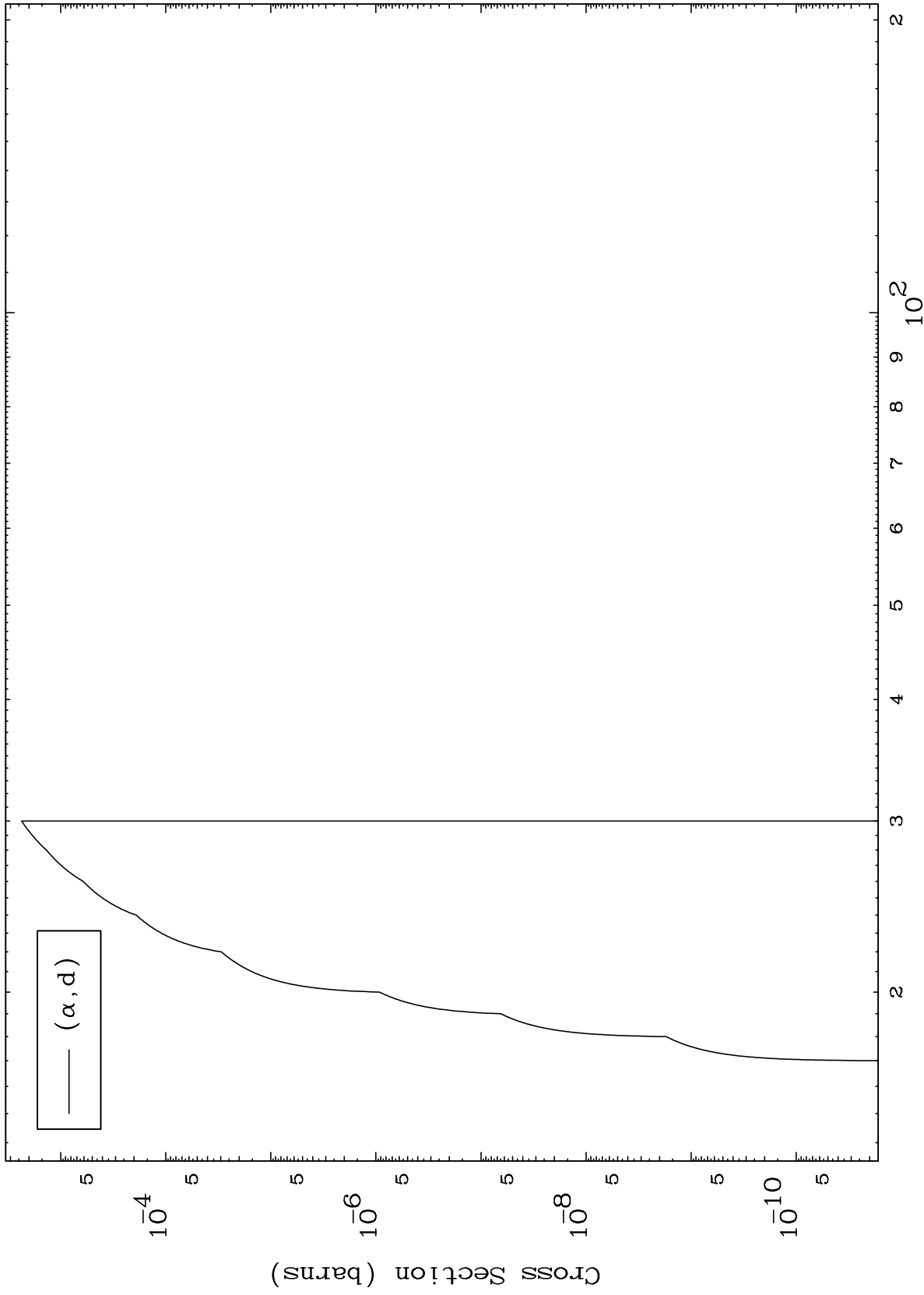
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



7

Incident Energy (MeV)

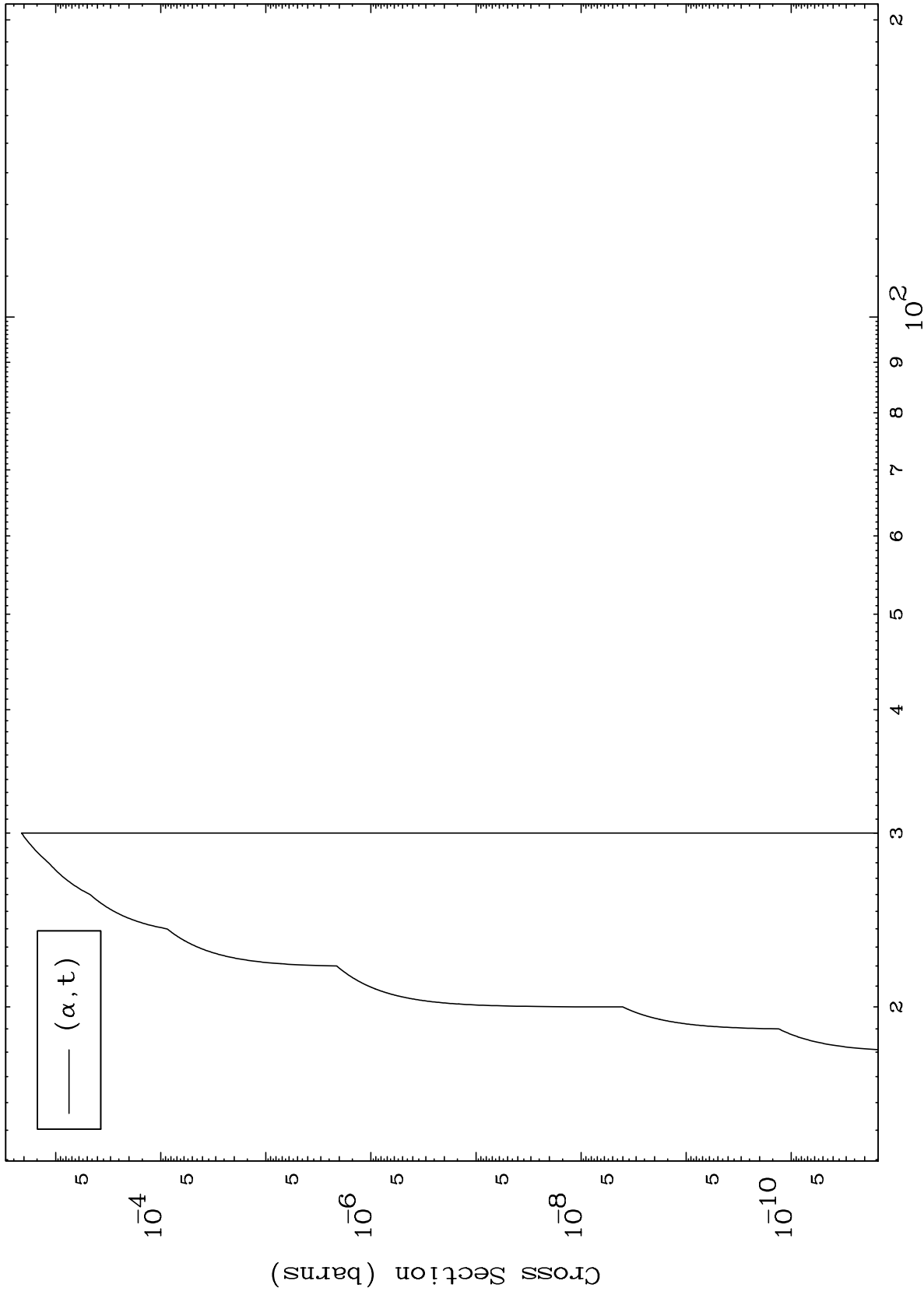
50-Sn-120



MAT 5049

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

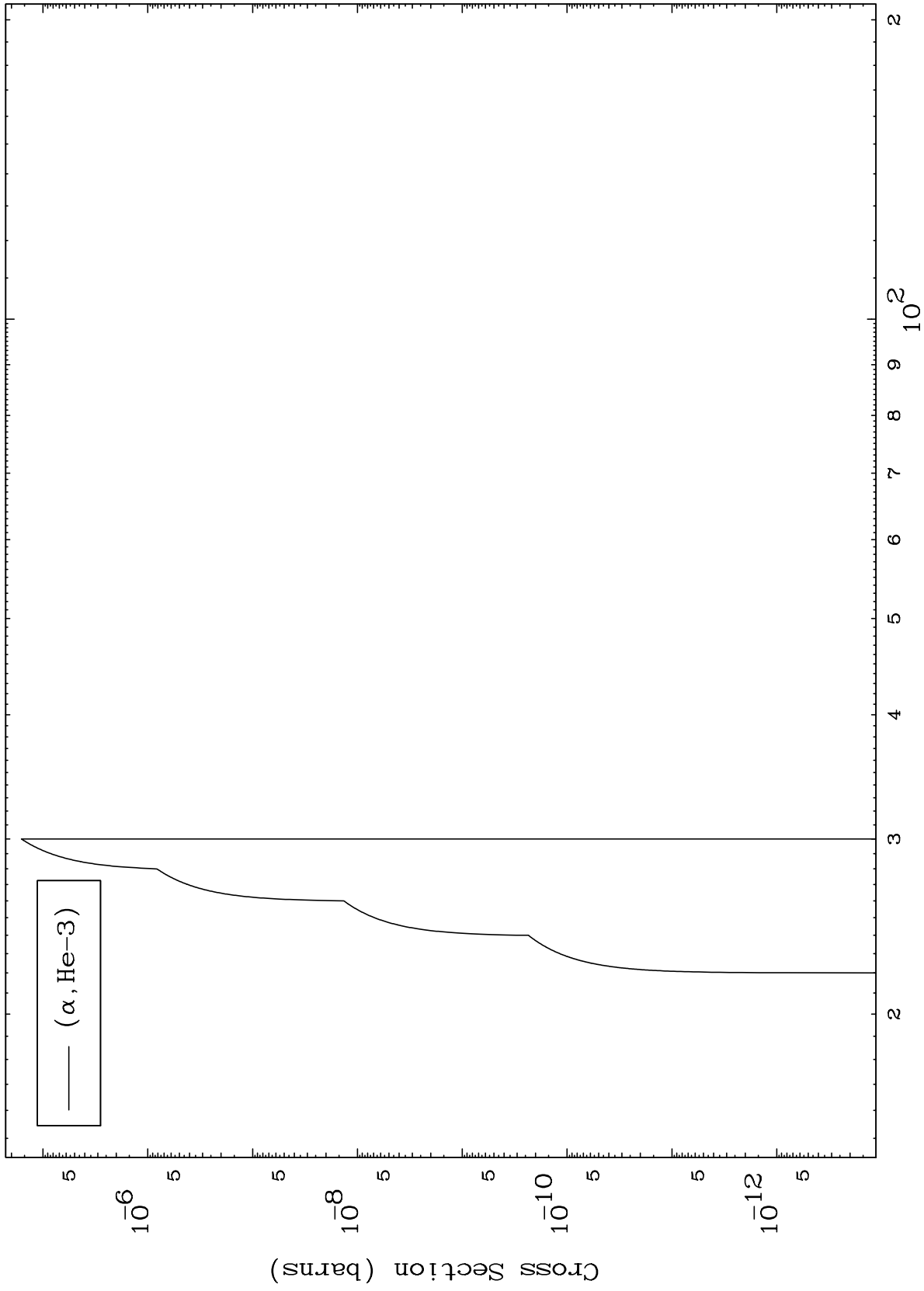
50-Sn-120



8

Incident Energy (MeV)

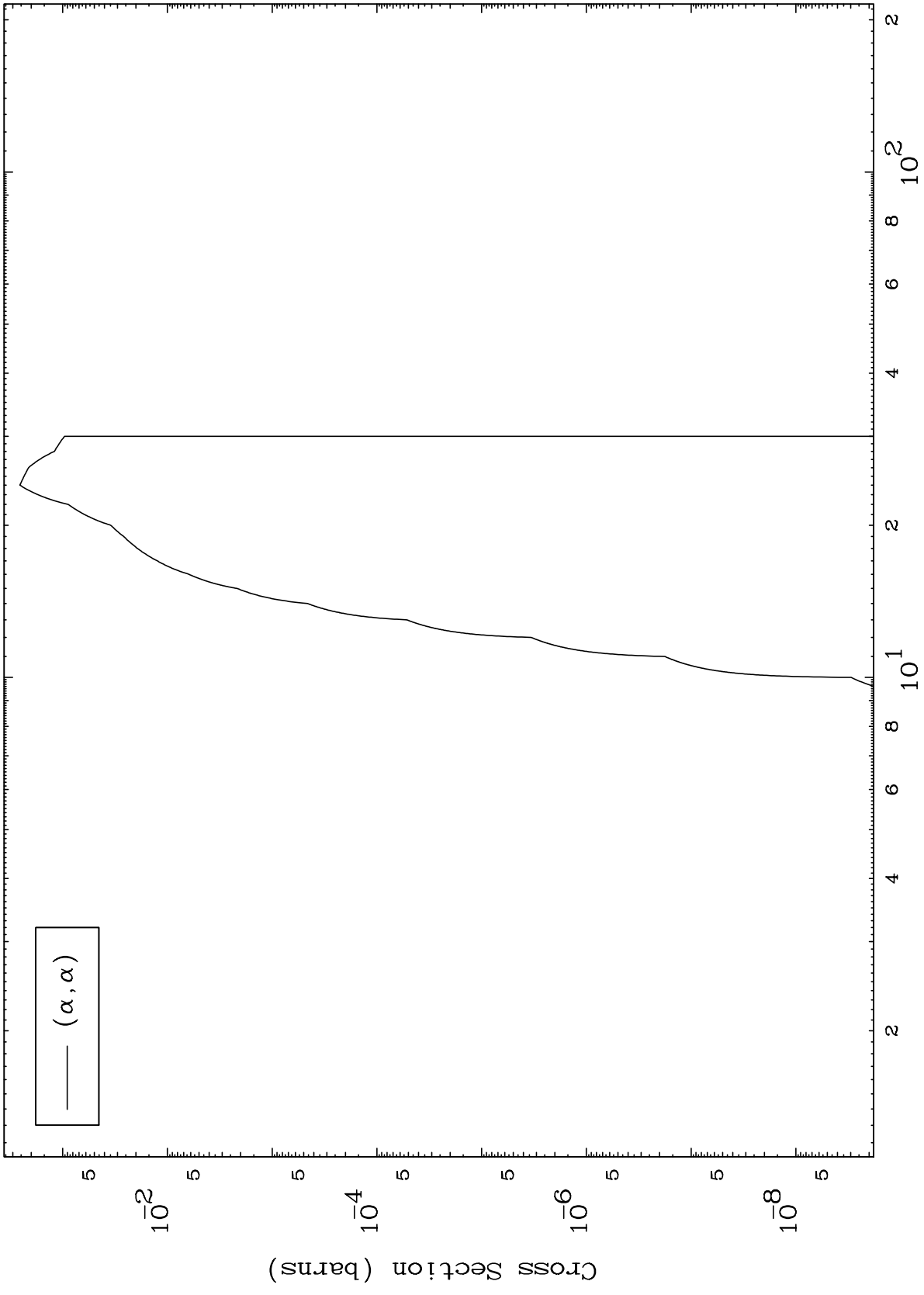
50-Sn-120



MAT 5049

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

50-Sn-120



10

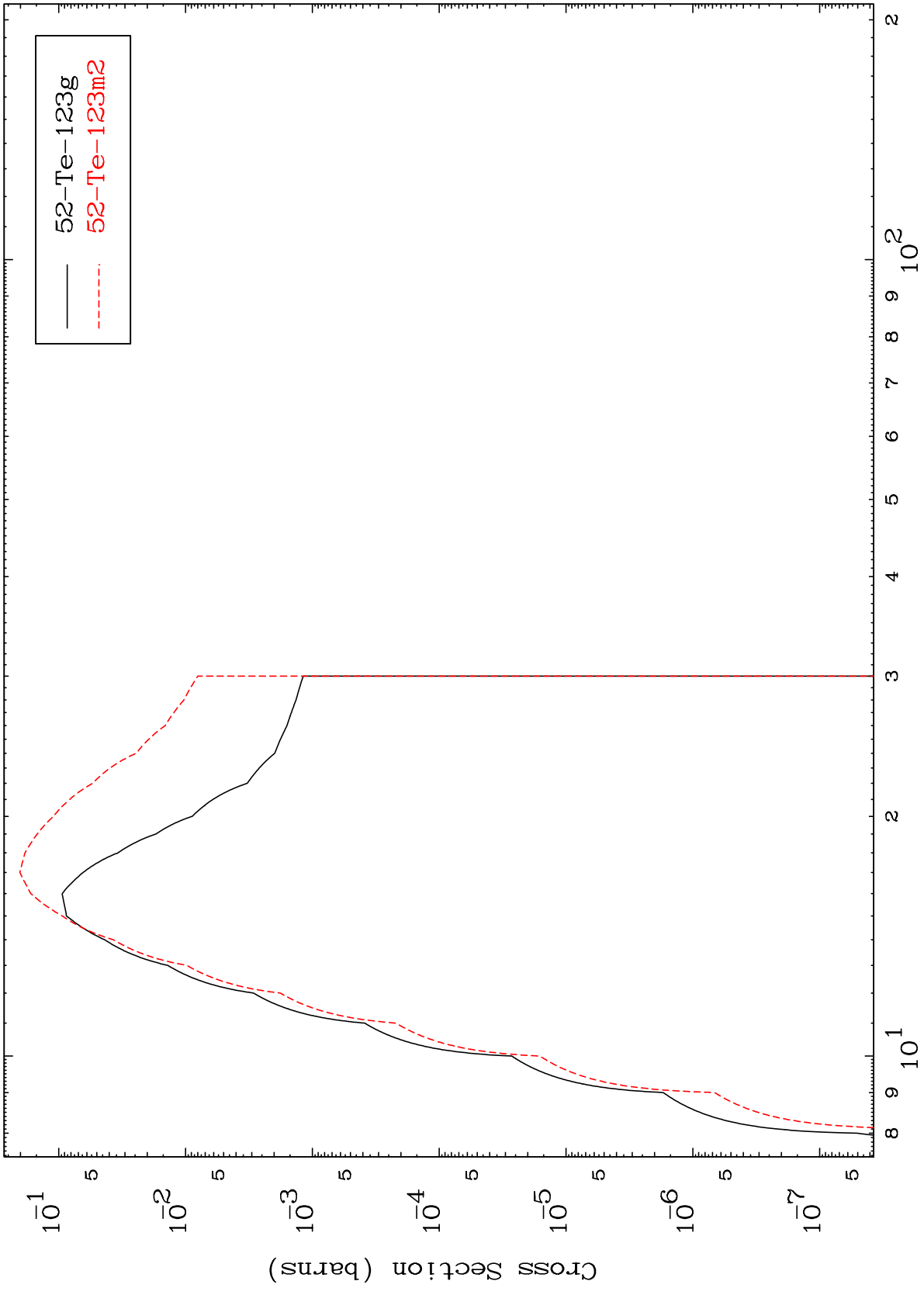
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

### Radionuclide Production Cross Section $\alpha$ Inelastic

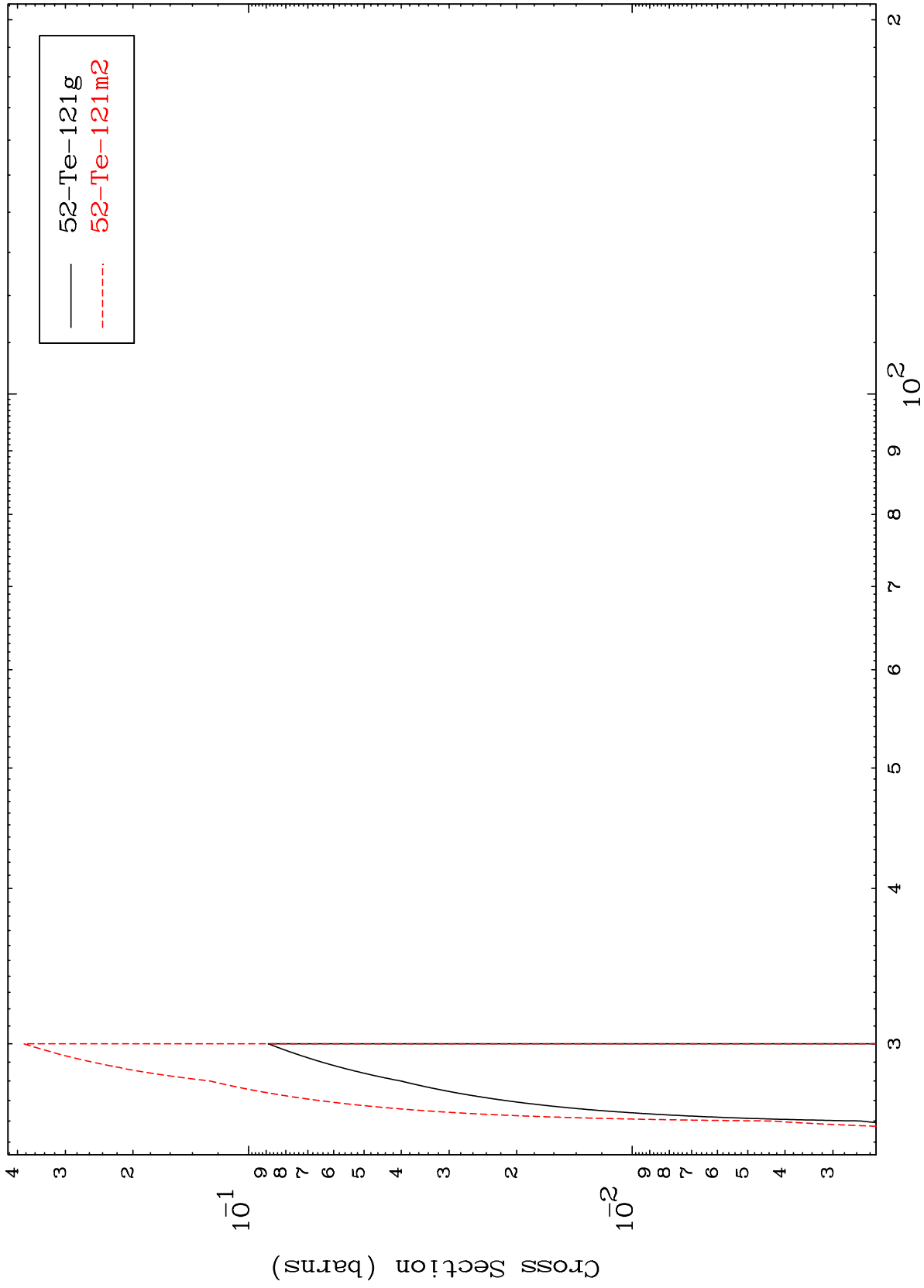


50-Sn-120

MAT 5049

50-Sn-120

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



12

Incident Energy (MeV)

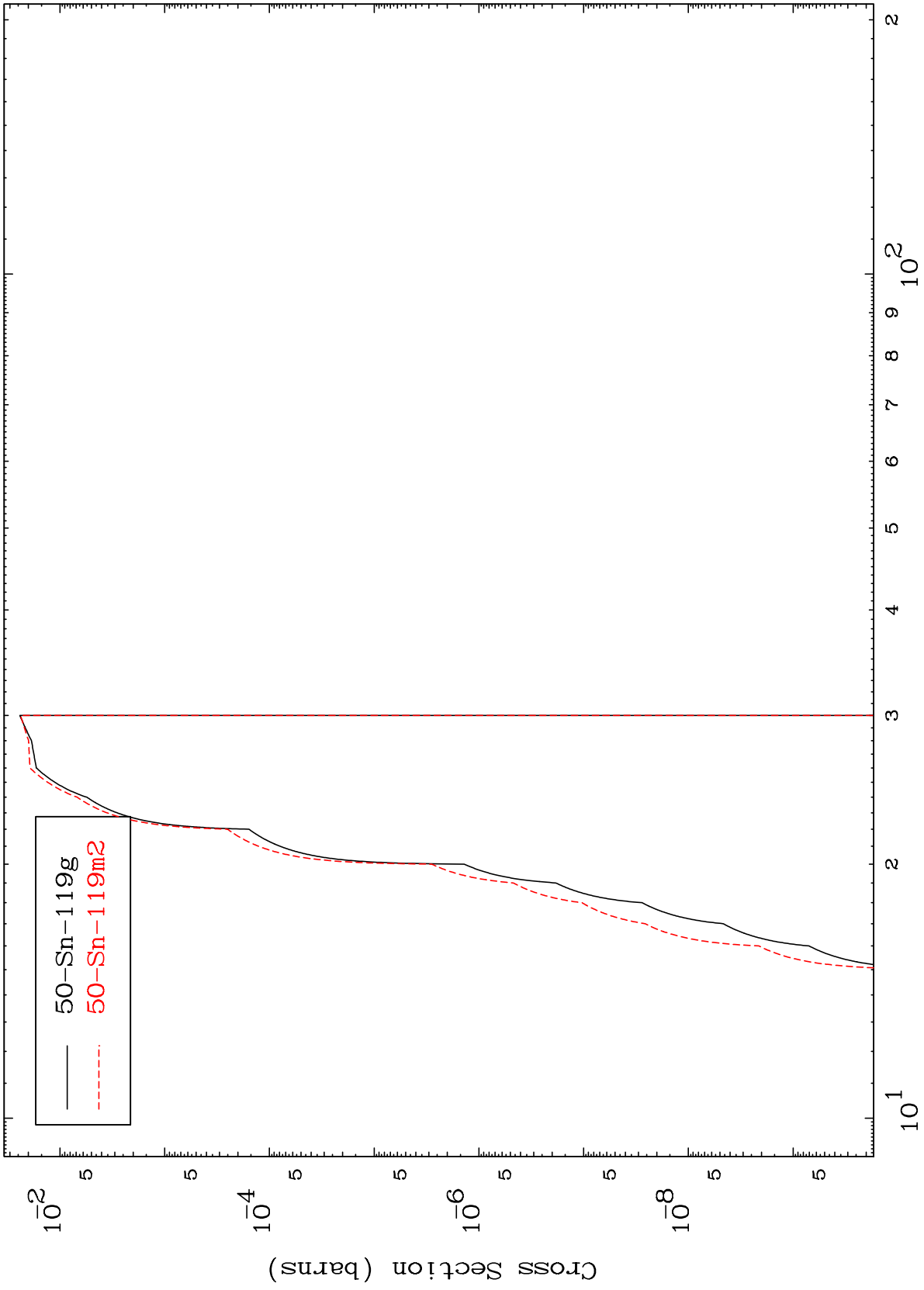
50-Sn-120

MAT 5049

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

50-Sn-120

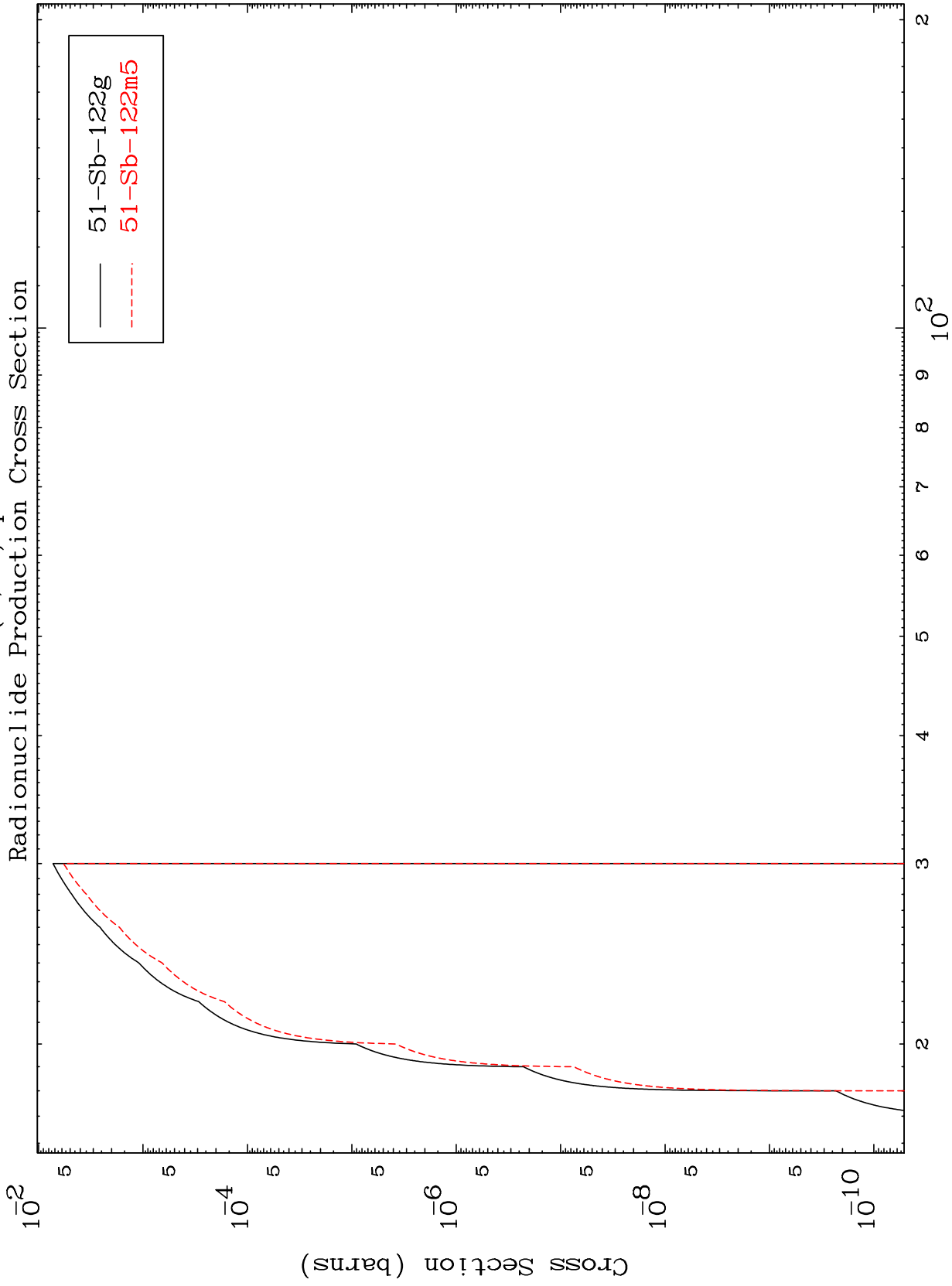
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

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



14

Incident Energy (MeV)

50-Sn-120



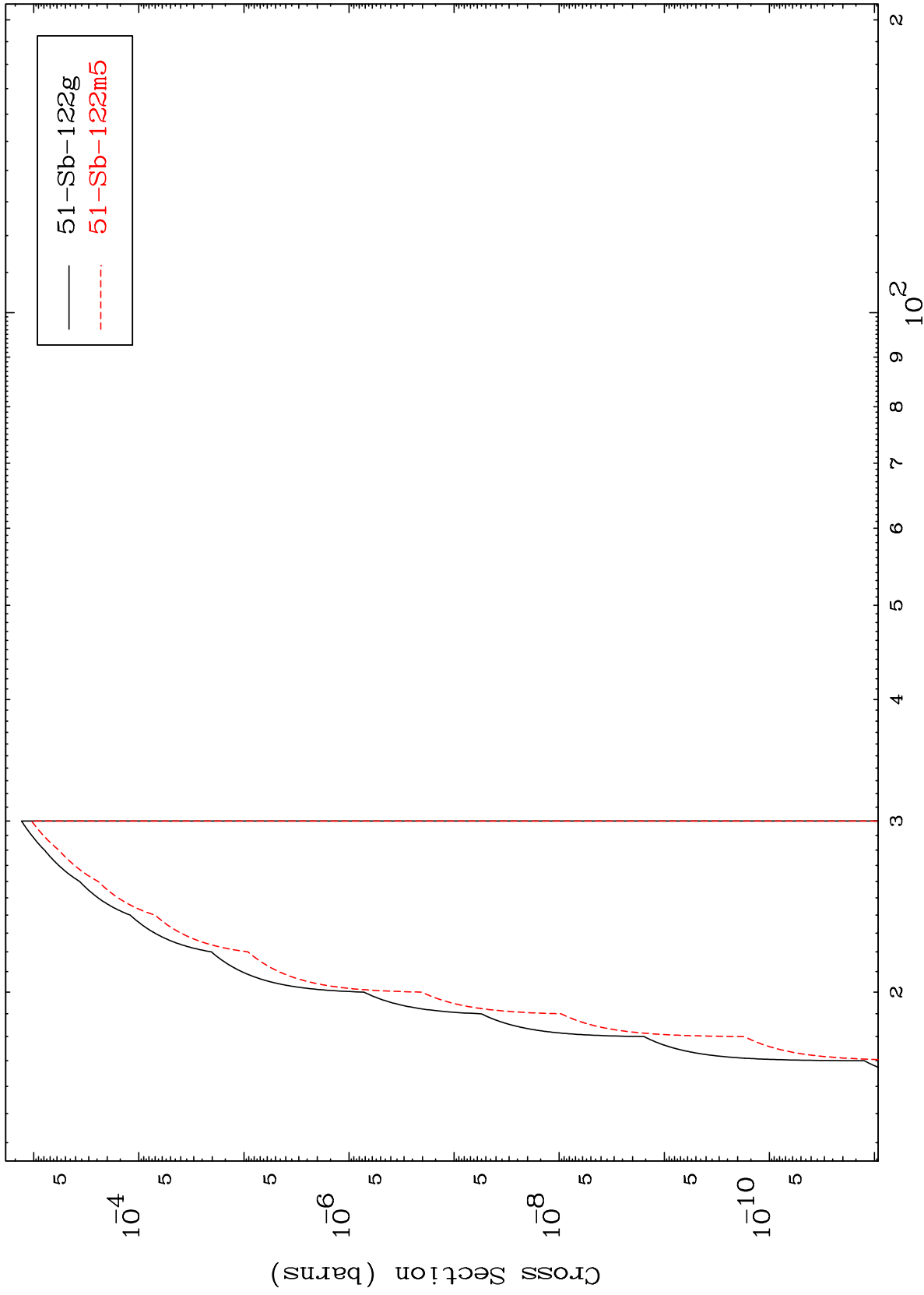


MAT 5049

( $\alpha, d$ )

50-Sn-120

Radionuclide Production Cross Section



16

Incident Energy (MeV)

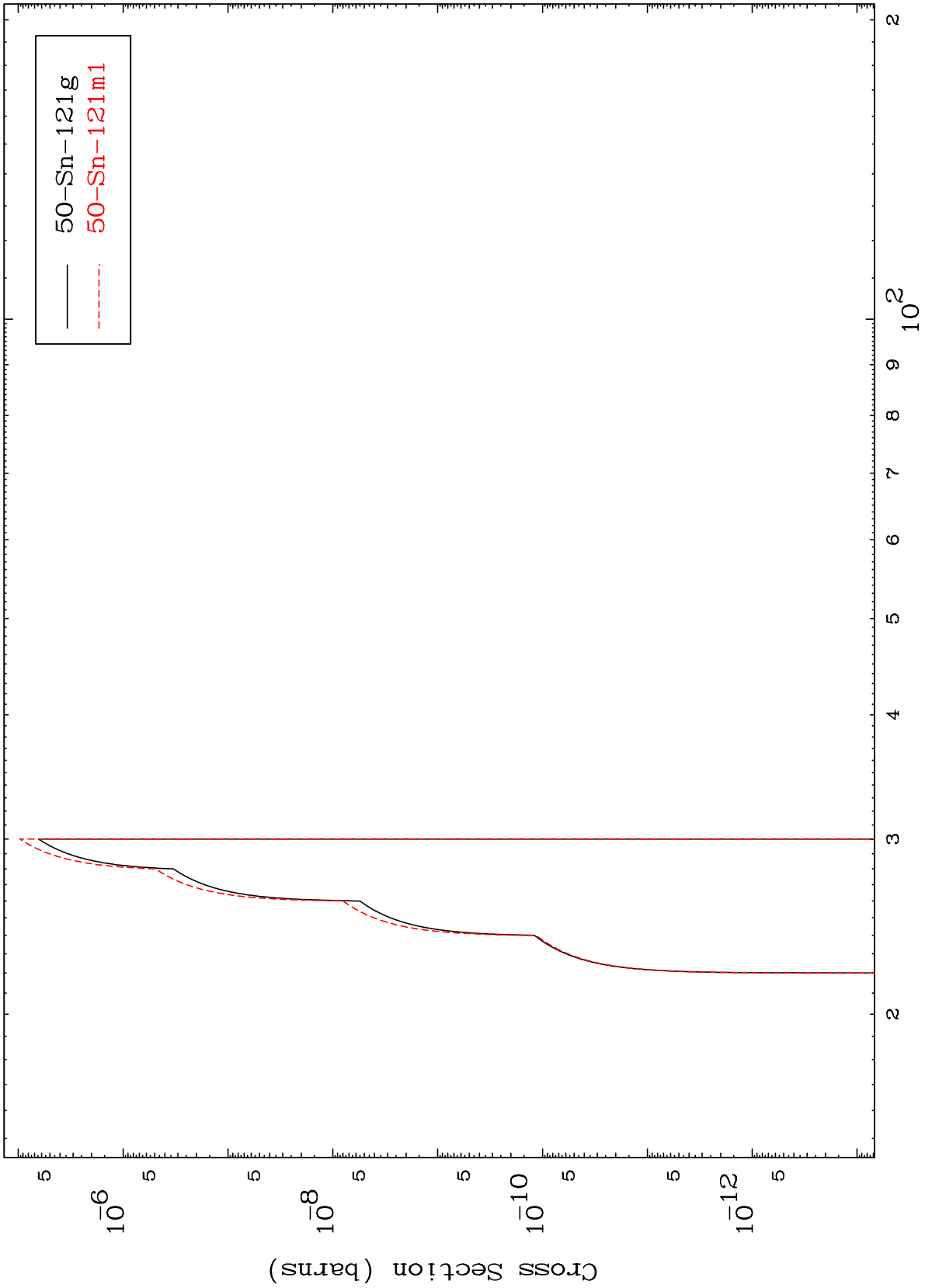
50-Sn-120

MAT 5049

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

50-Sn-120

Radionuclide Production Cross Section



17

Incident Energy (MeV)

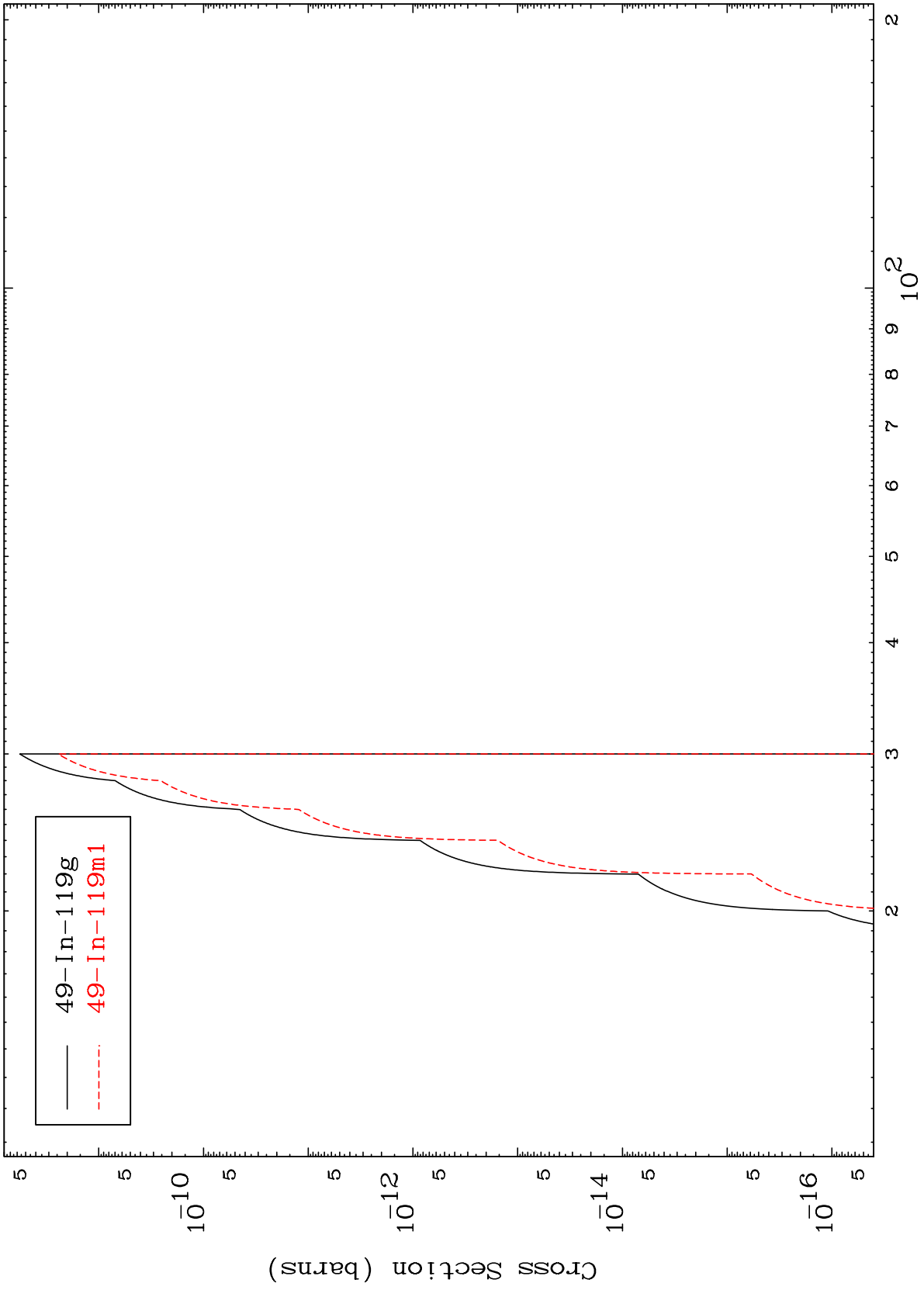
50-Sn-120

MAT 5049

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

50-Sn-120

Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-120