

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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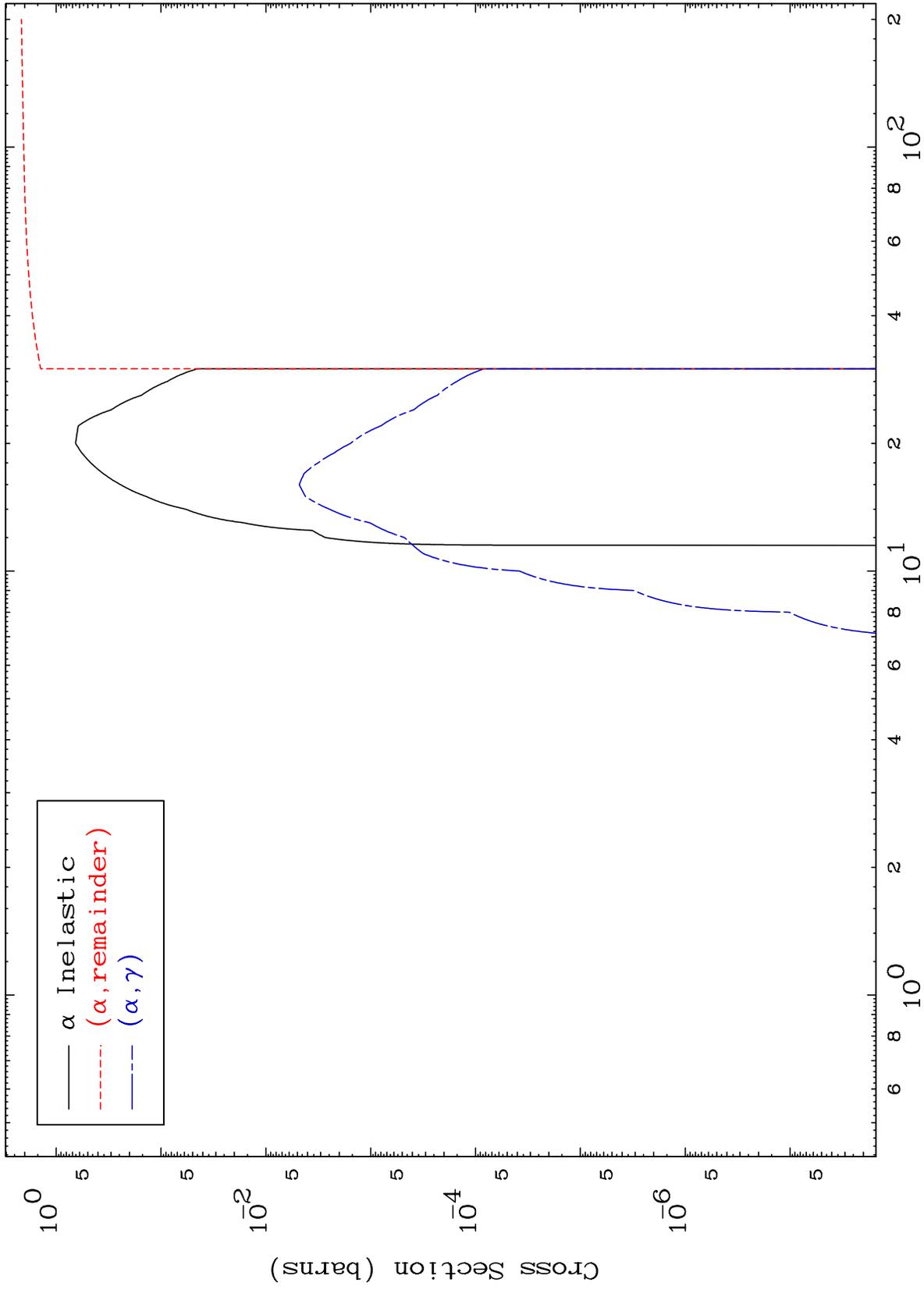
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5031

0 Kelvin  $\alpha$  Major  
Cross Sections

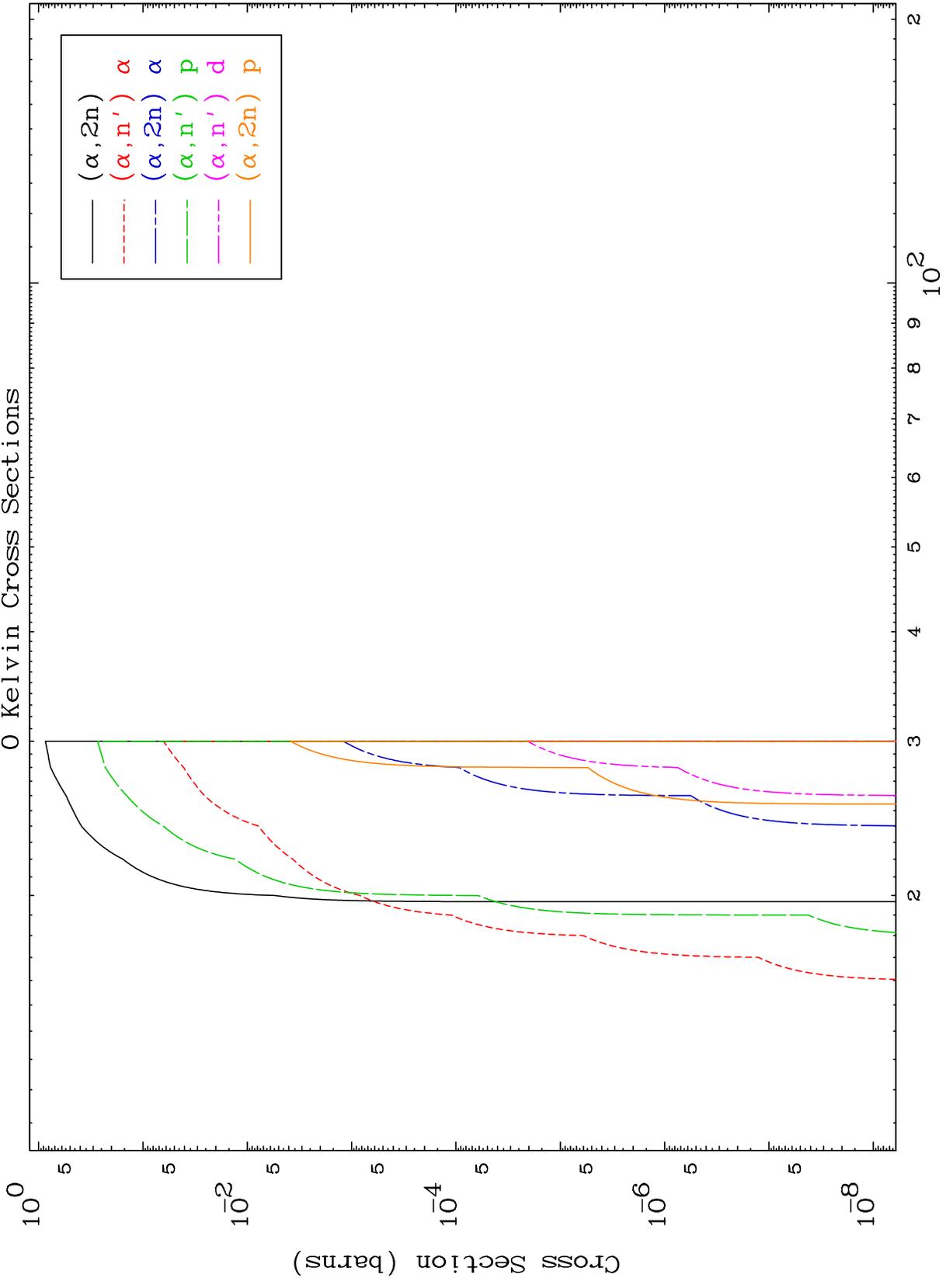
50-Sn-114



MAT 5031

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

50-Sn-114



2

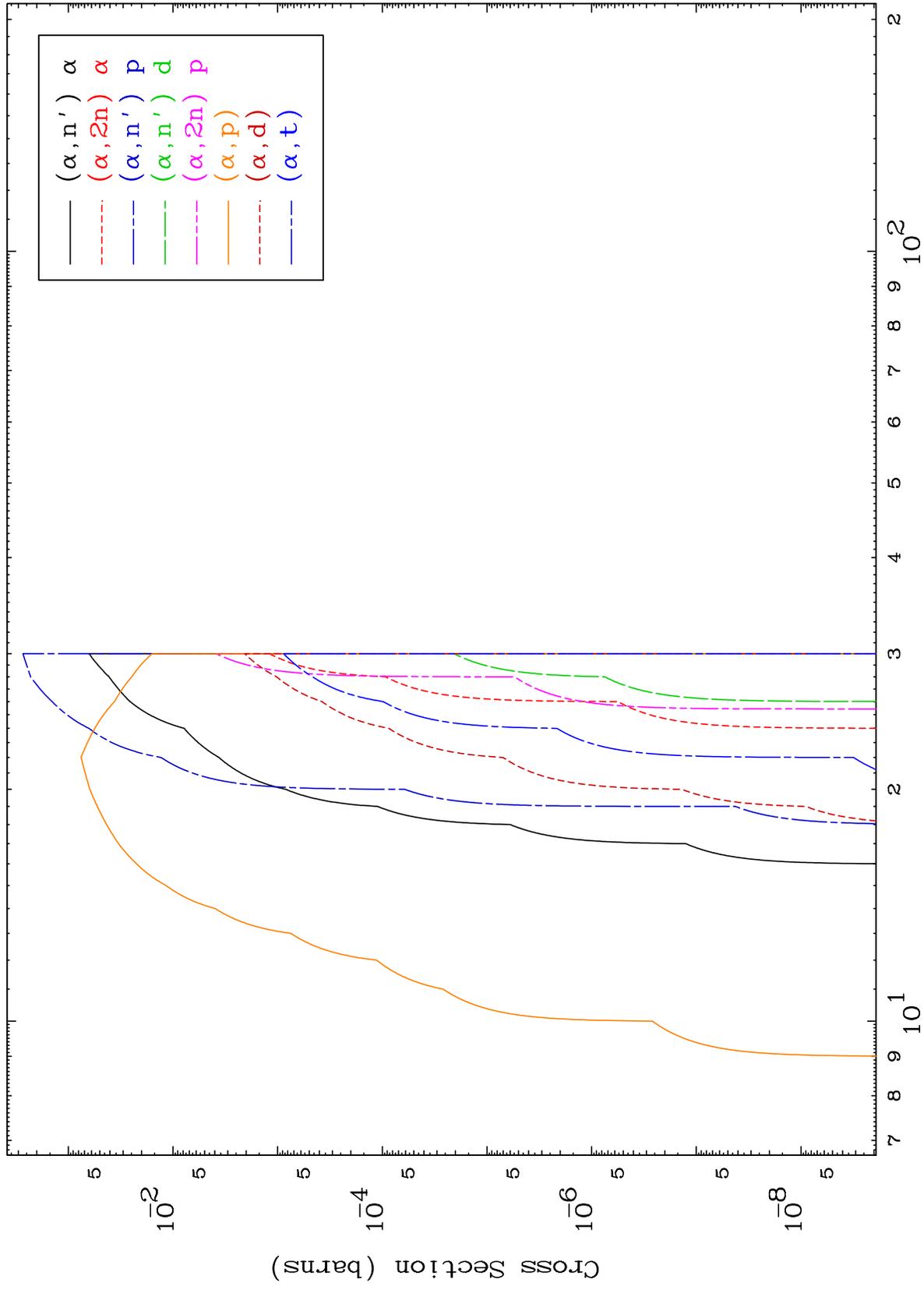
Incident Energy (MeV)

50-Sn-114

MAT 5031

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

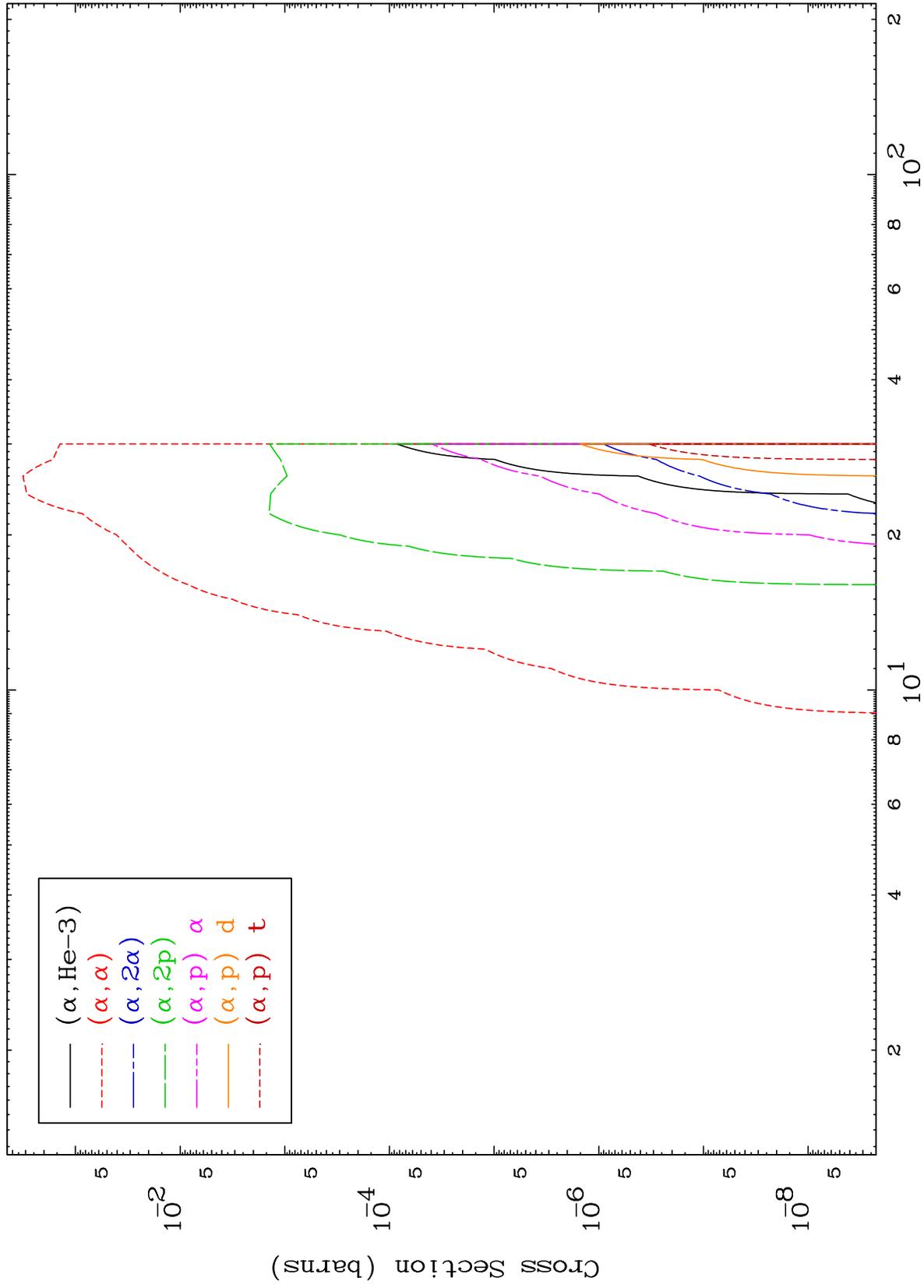
50-Sn-114



3

Incident Energy (MeV)

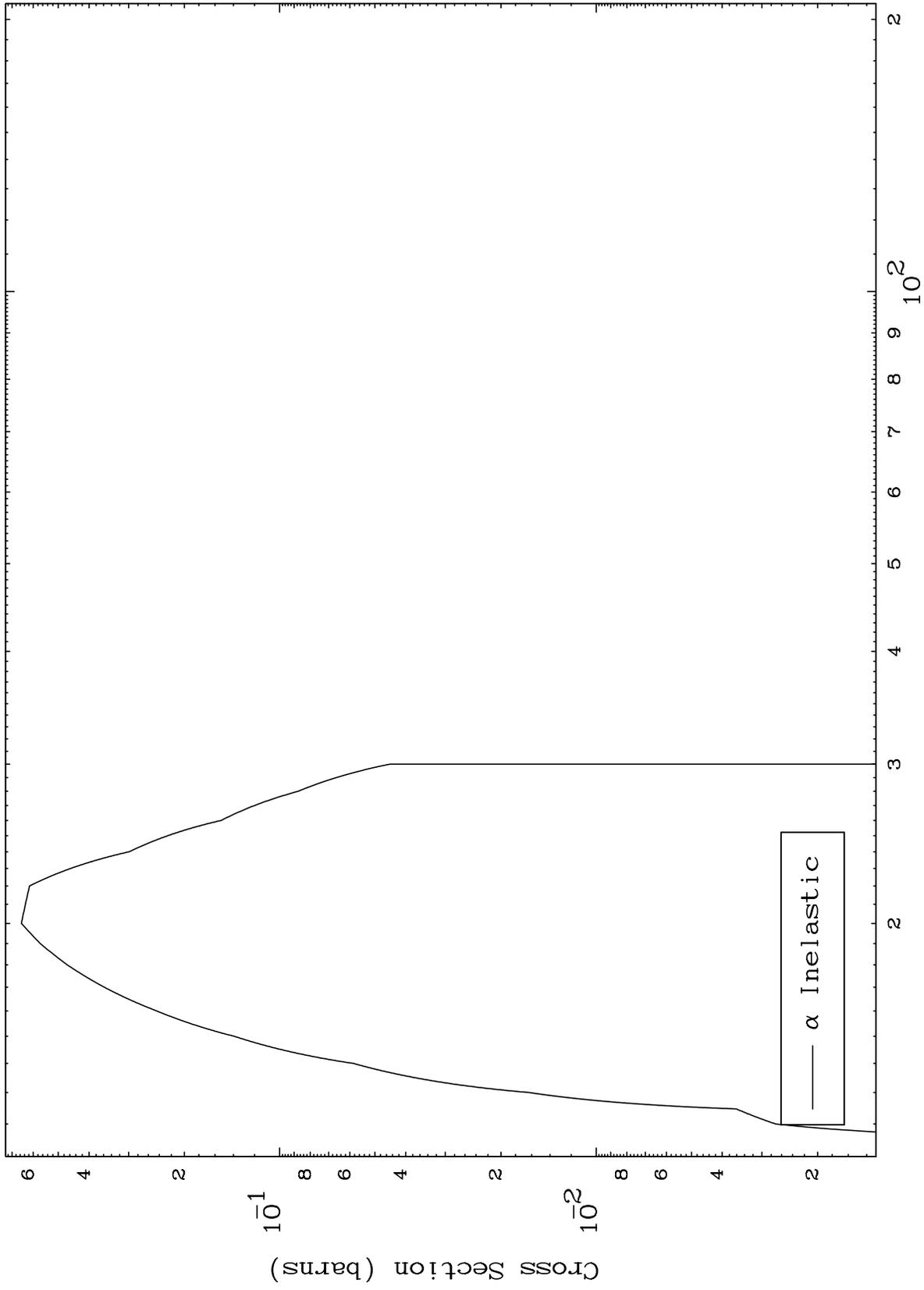
50-Sn-114



MAT 5031

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

50-Sn-114



5

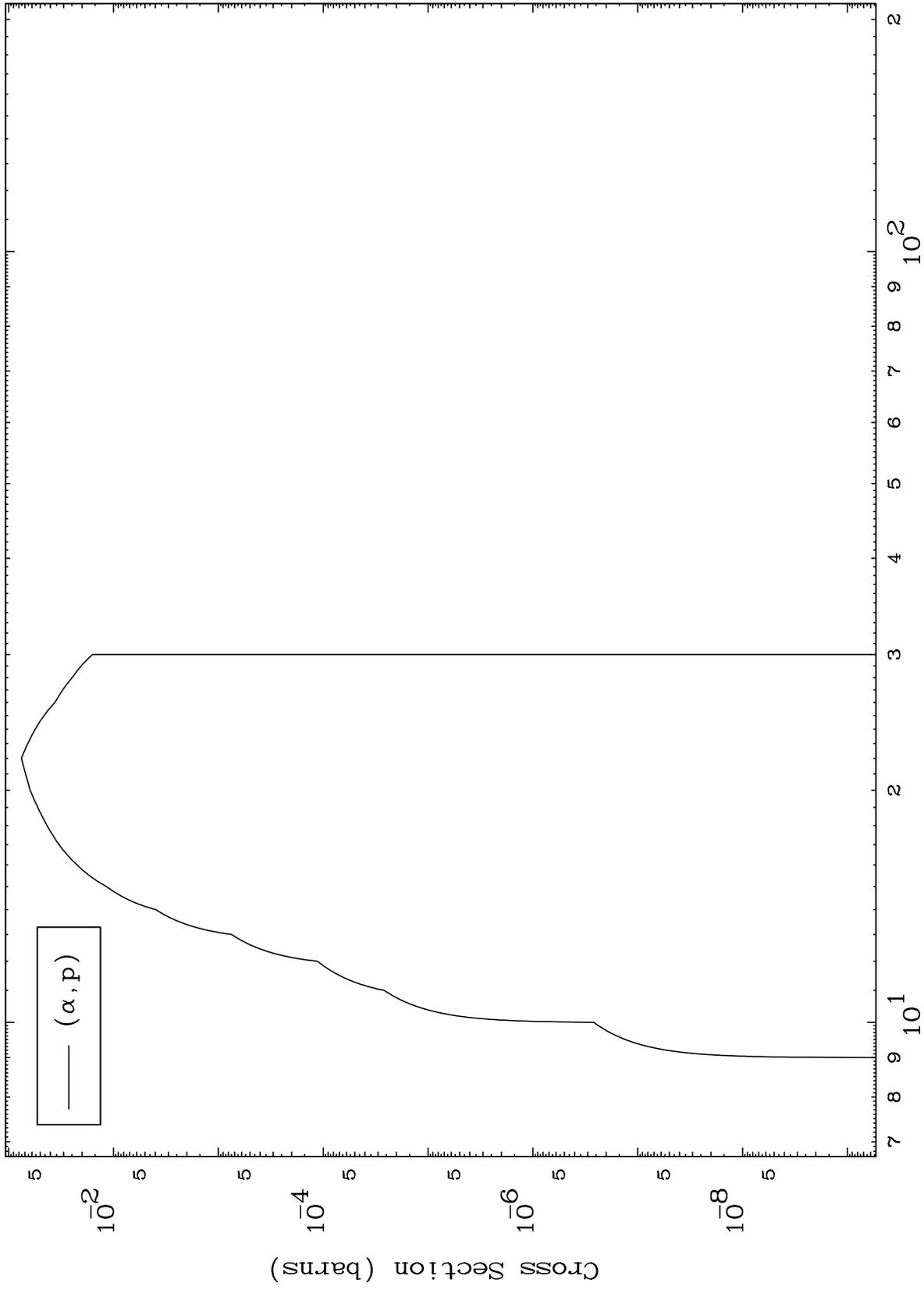
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

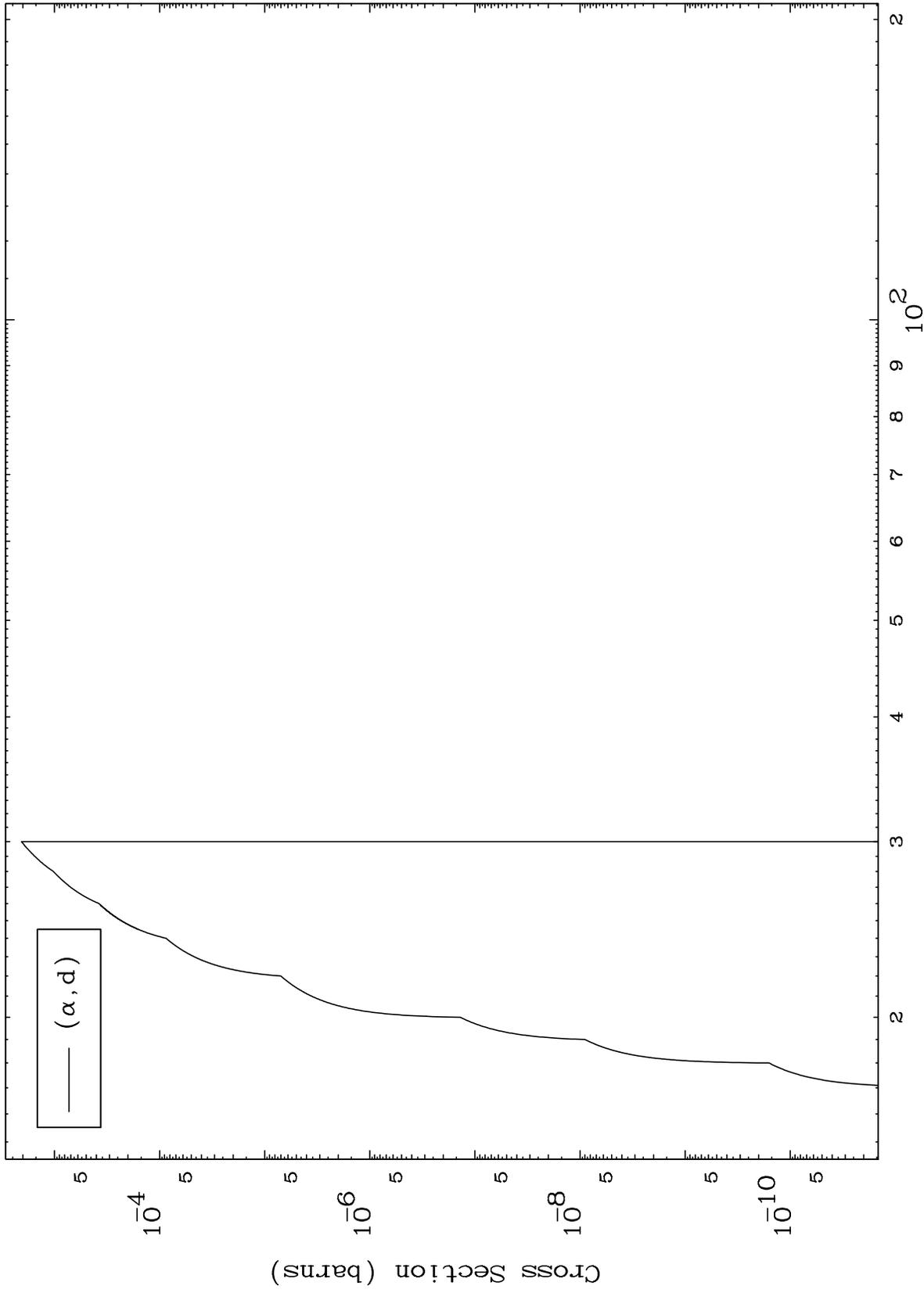
50-Sn-114



MAT 5031

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

50-Sn-114



7

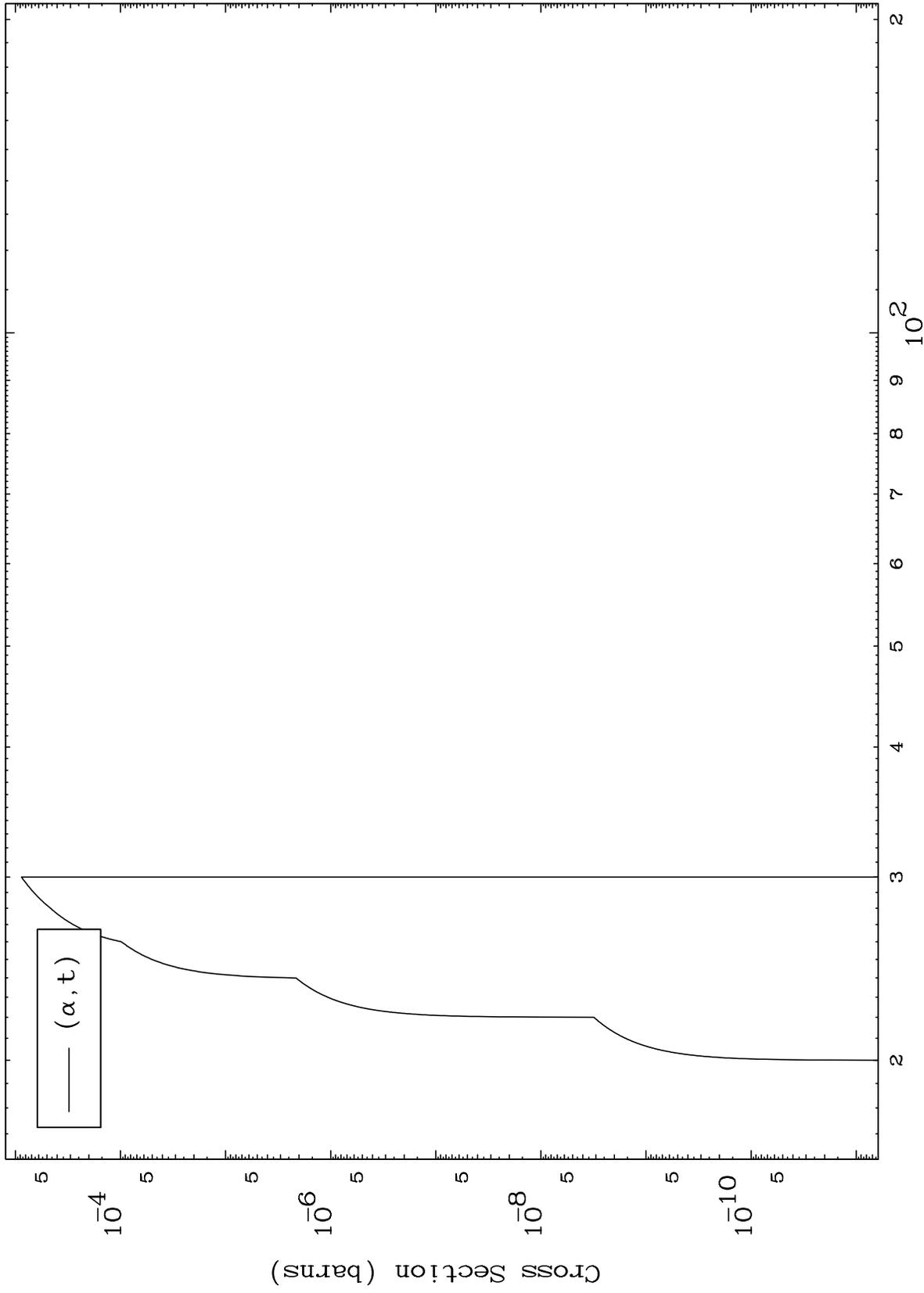
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114



8

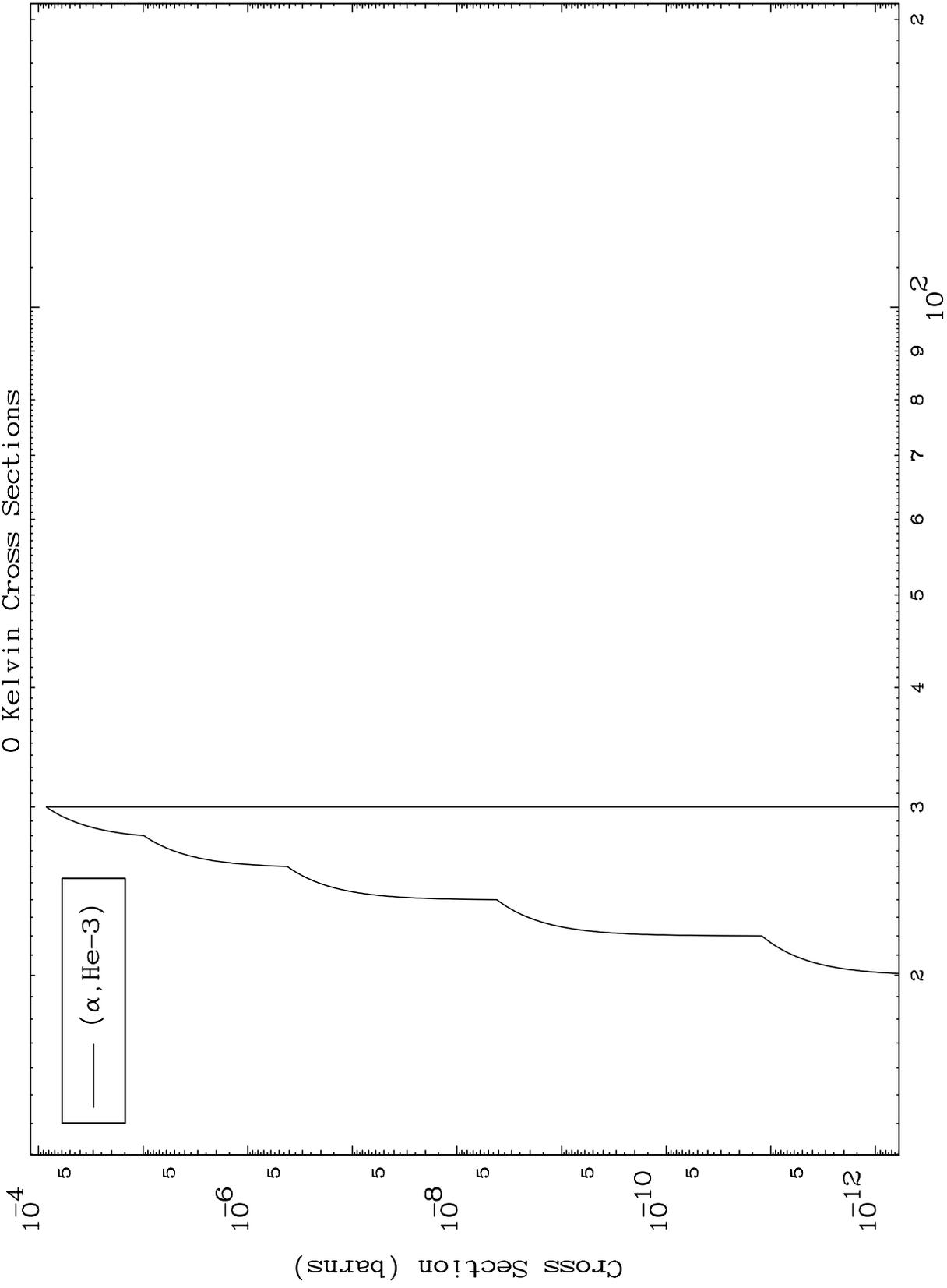
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

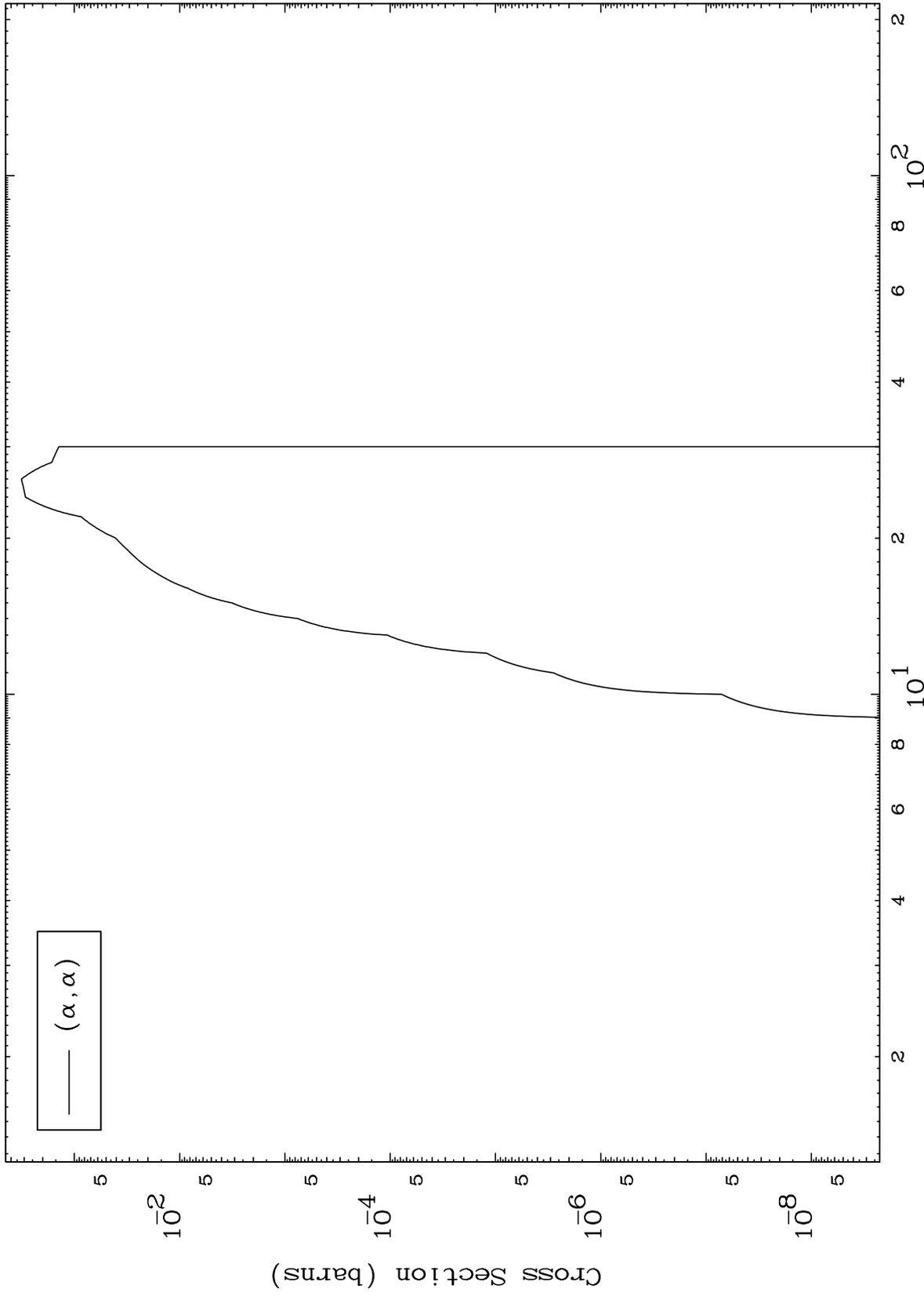
50-Sn-114



MAT 5031

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

50-Sn-114

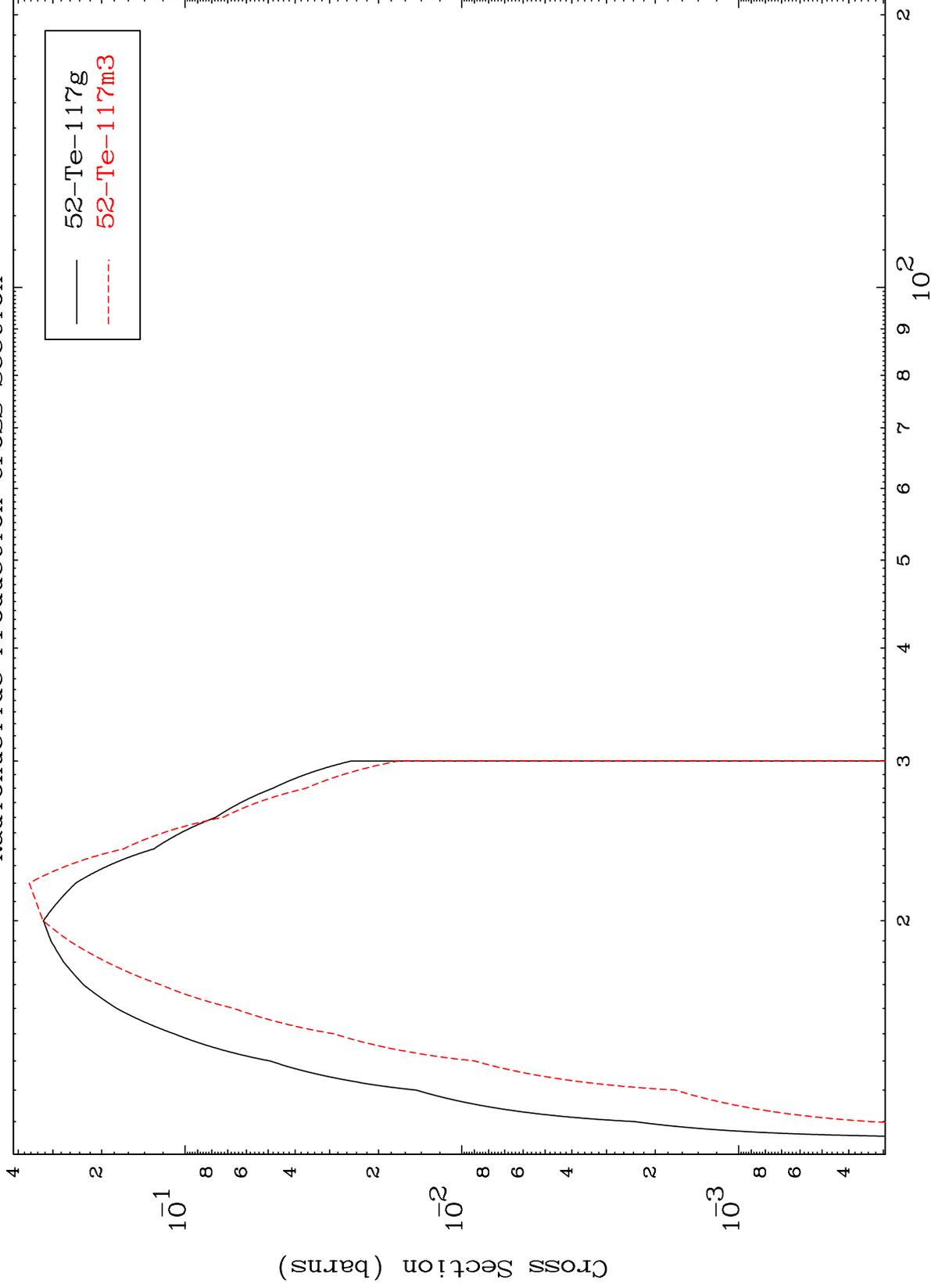


10

Incident Energy (MeV)

50-Sn-114

$\alpha$  Inelastic  
Radionuclide Production Cross Section

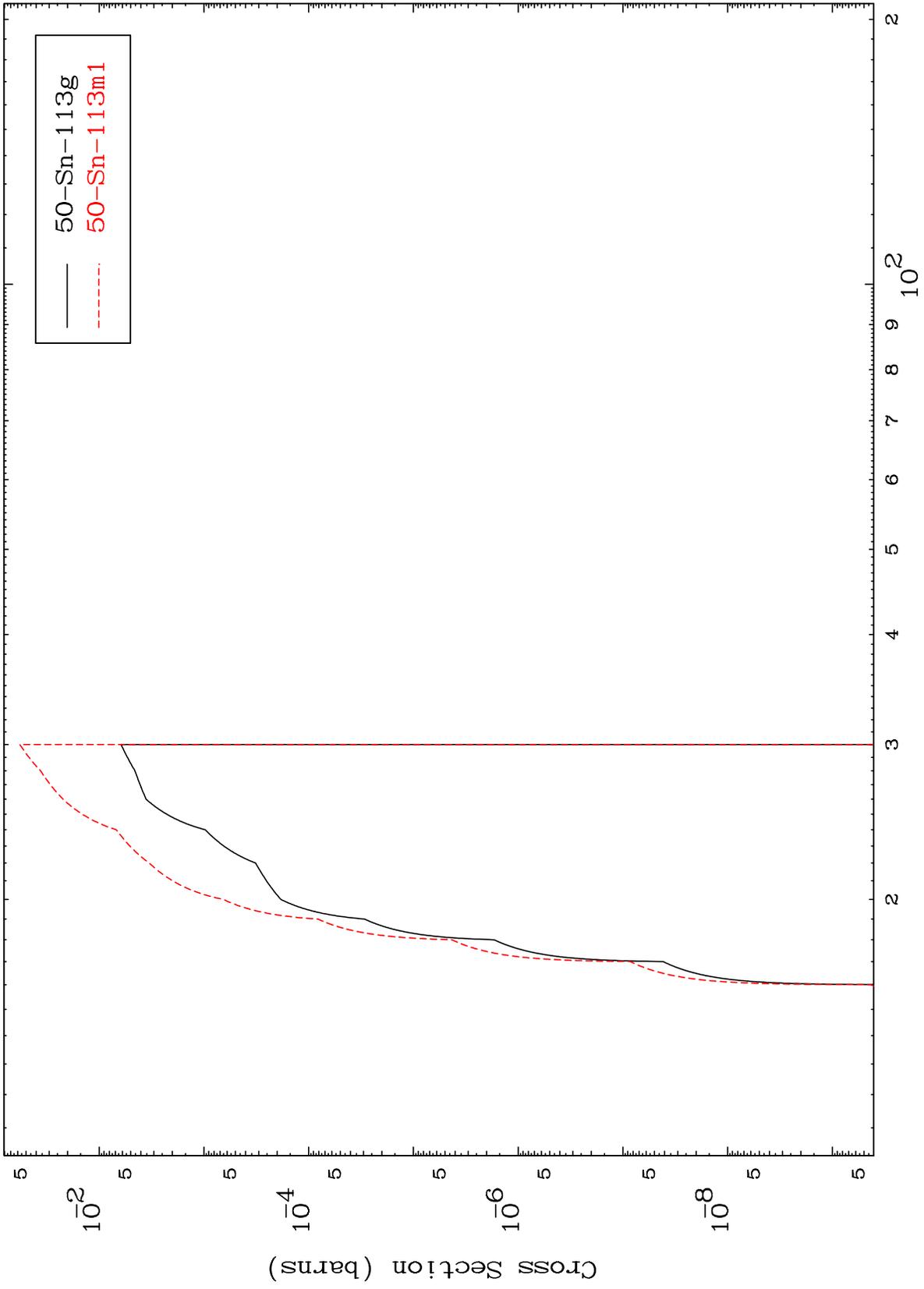


MAT 5031

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

50-Sn-114

Radionuclide Production Cross Section



12

Incident Energy (MeV)

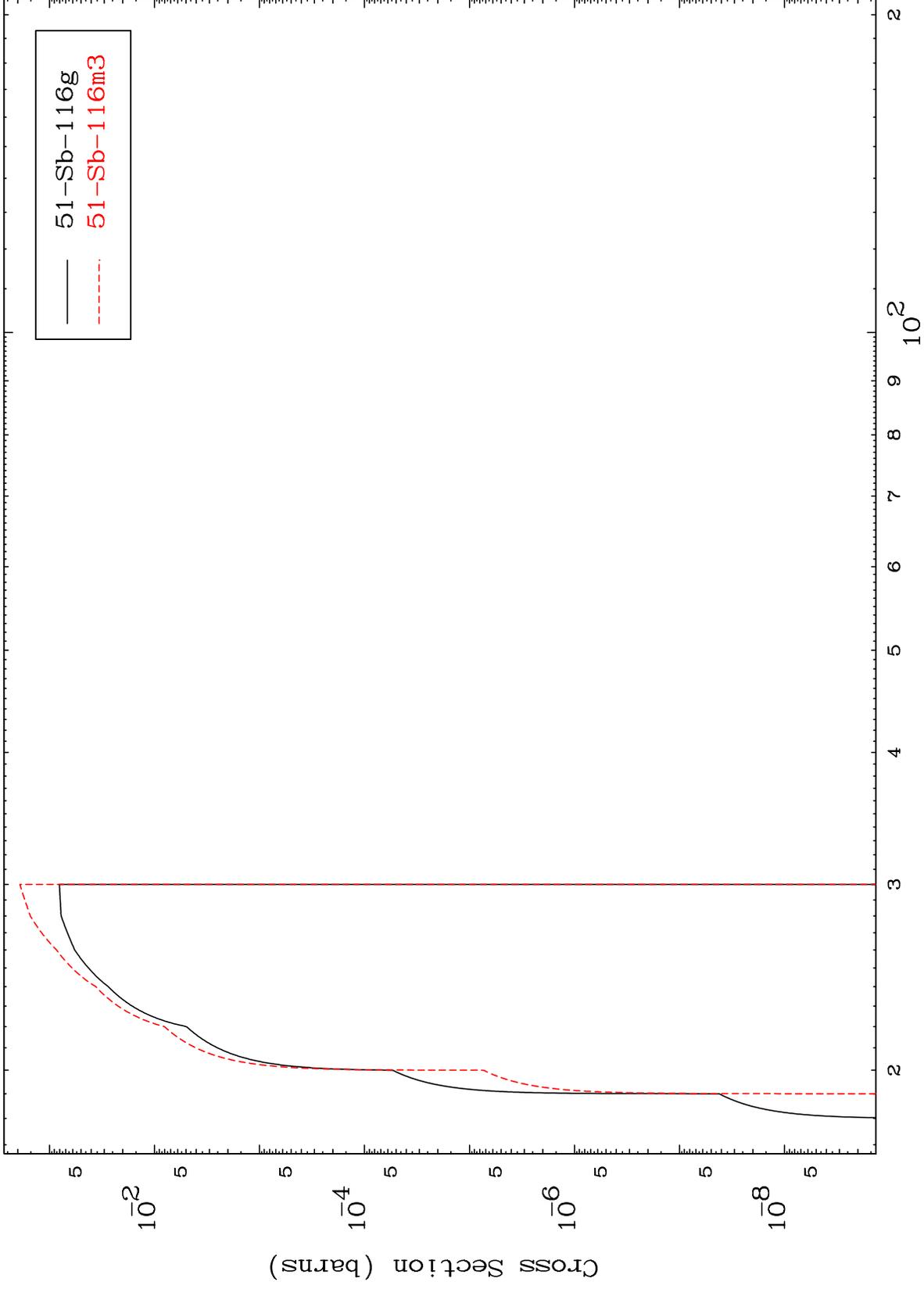
50-Sn-114

MAT 5031

( $\alpha, n'$ ) p

50-Sn-114

Radionuclide Production Cross Section



13

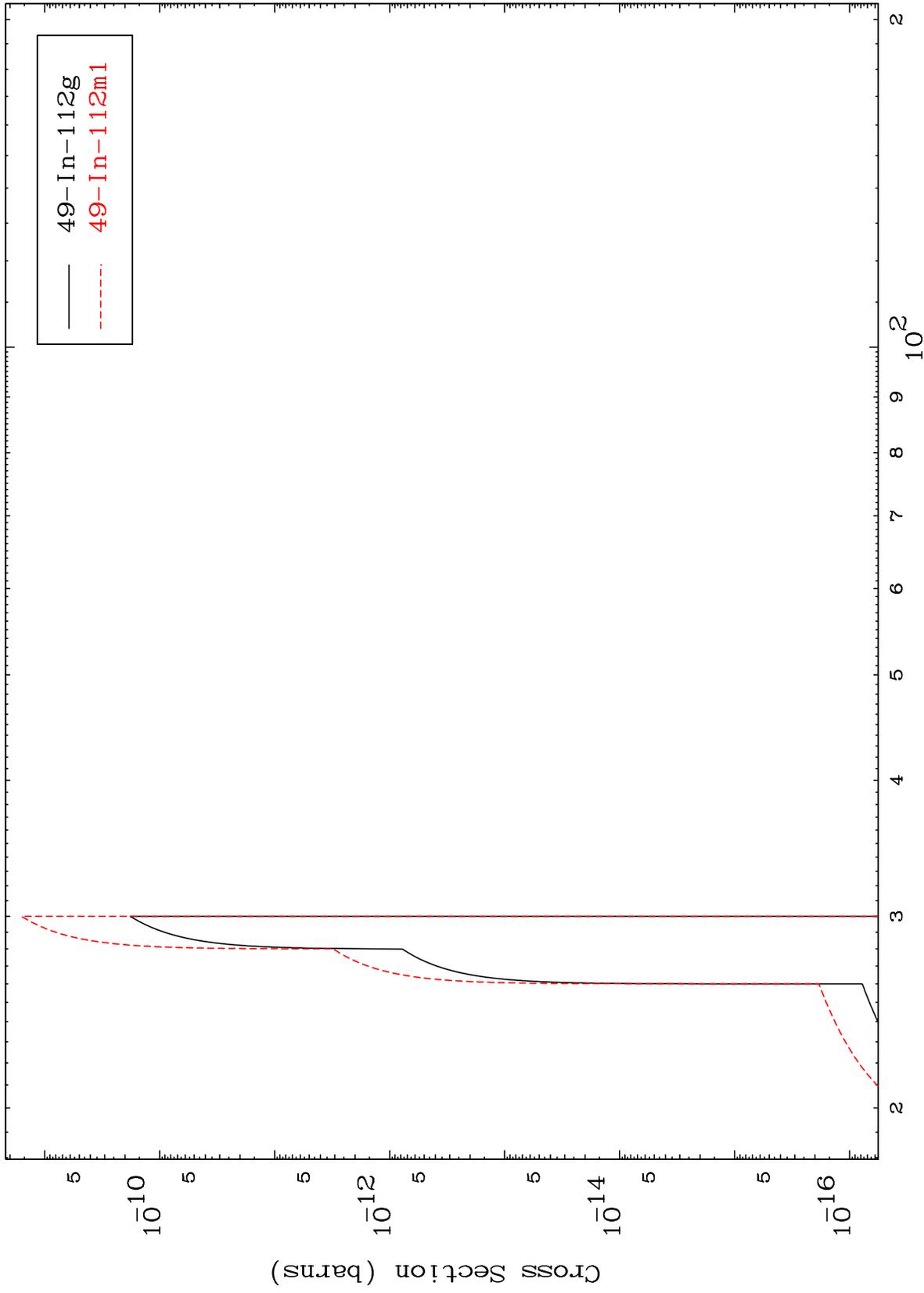
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

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



14

Incident Energy (MeV)

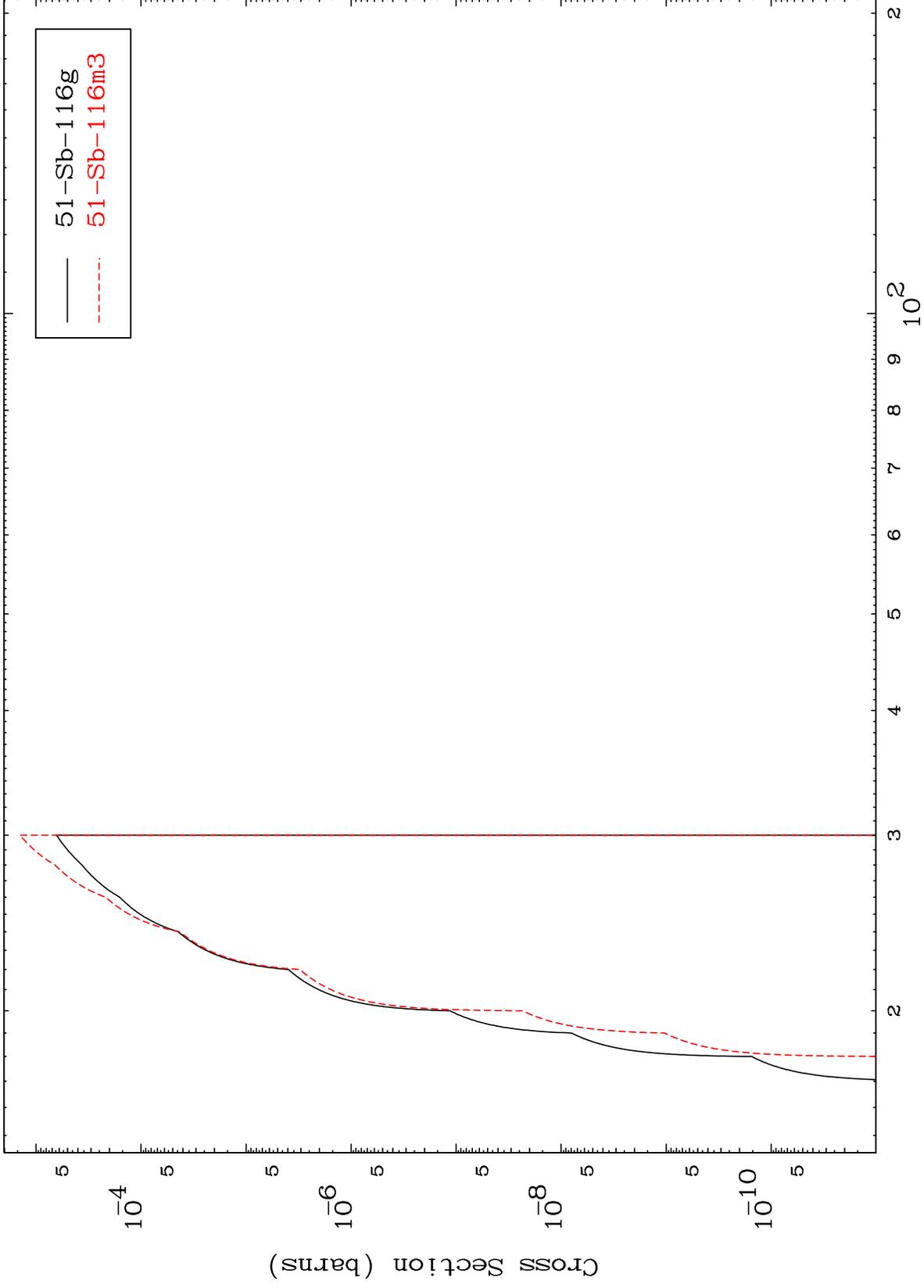
50-Sn-114

MAT 5031

( $\alpha, d$ )

50-Sn-114

Radionuclide Production Cross Section



15

Incident Energy (MeV)

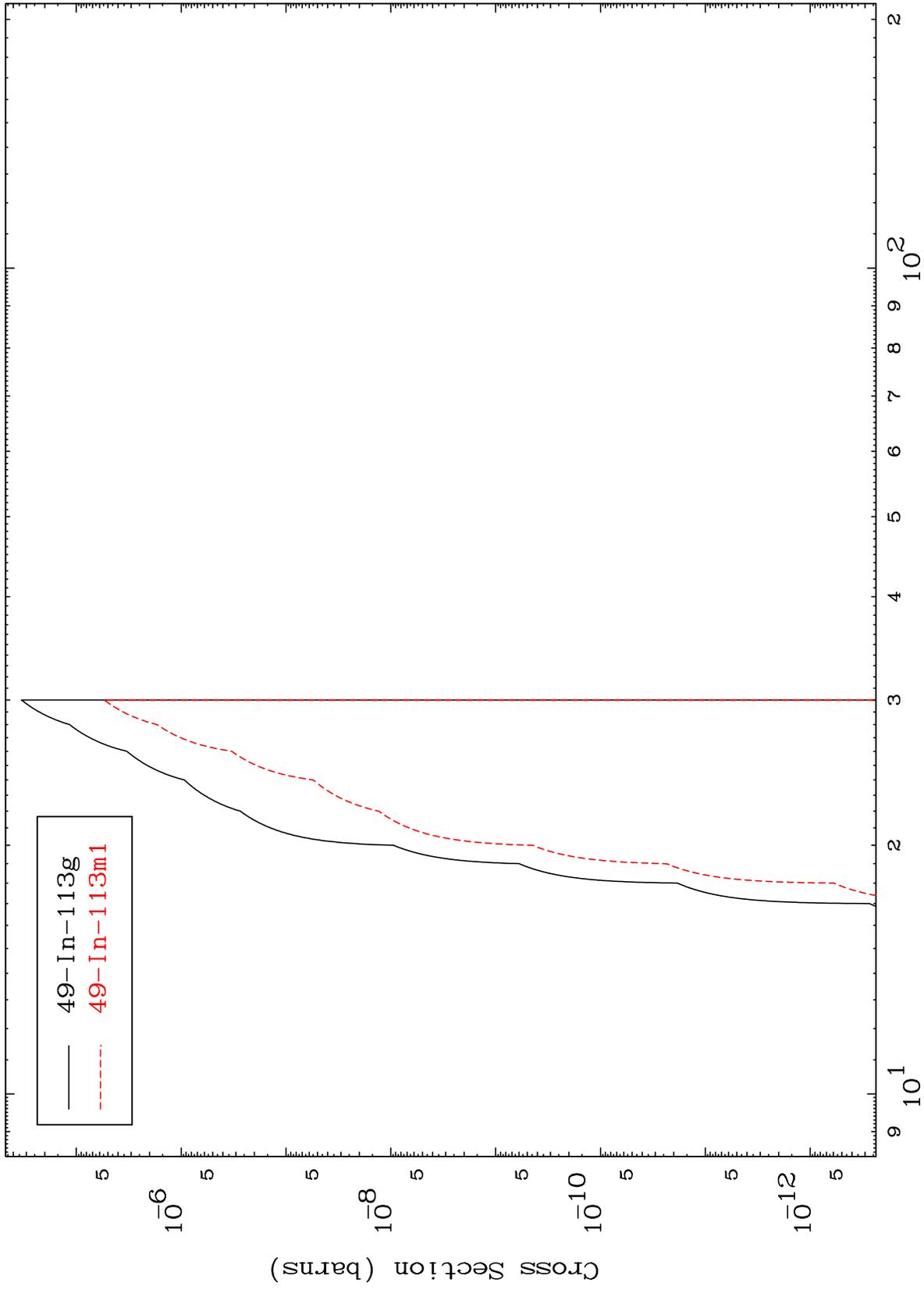
50-Sn-114

MAT 5031

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

50-Sn-114

Radionuclide Production Cross Section



16

Incident Energy (MeV)

50-Sn-114