

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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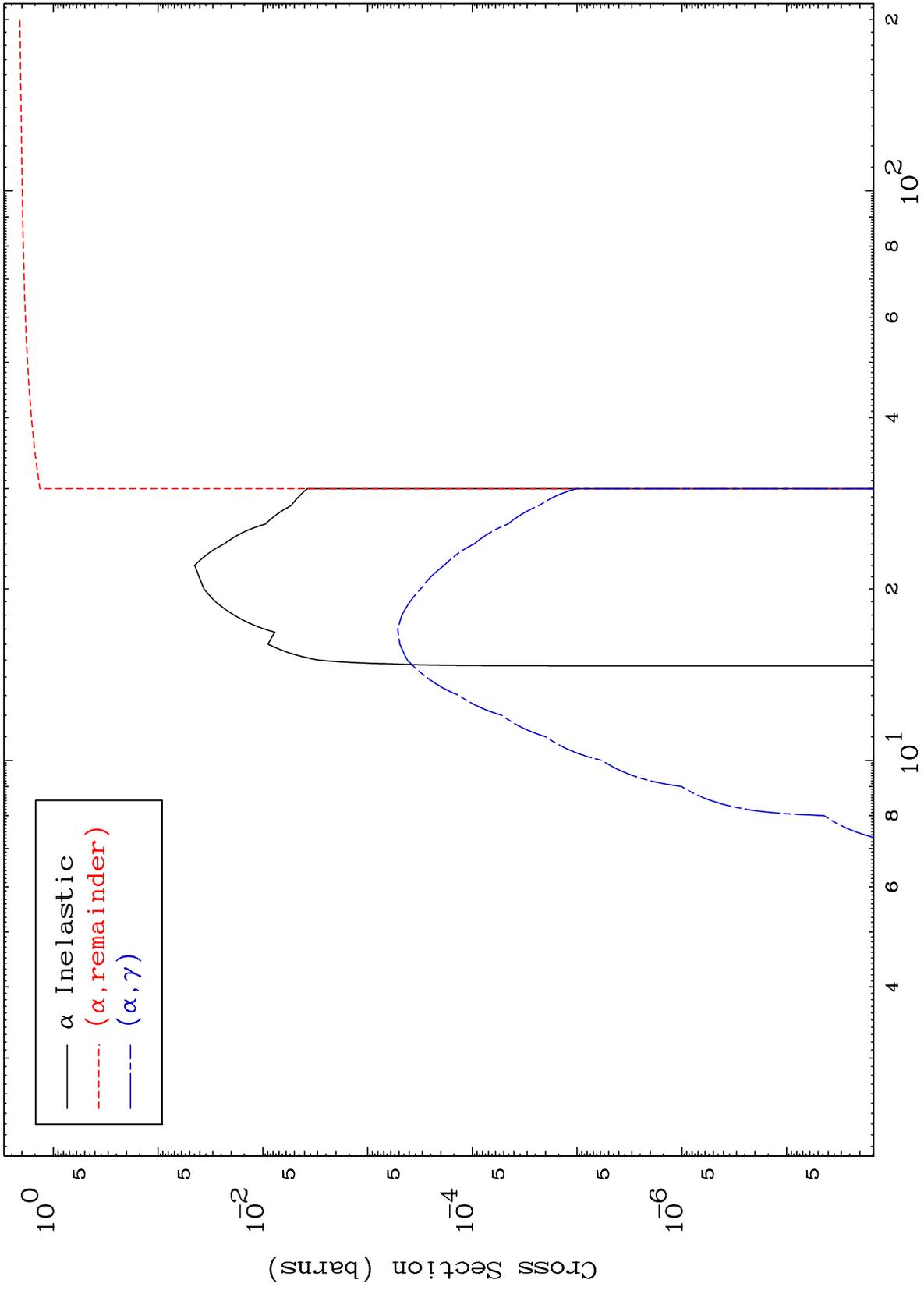
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

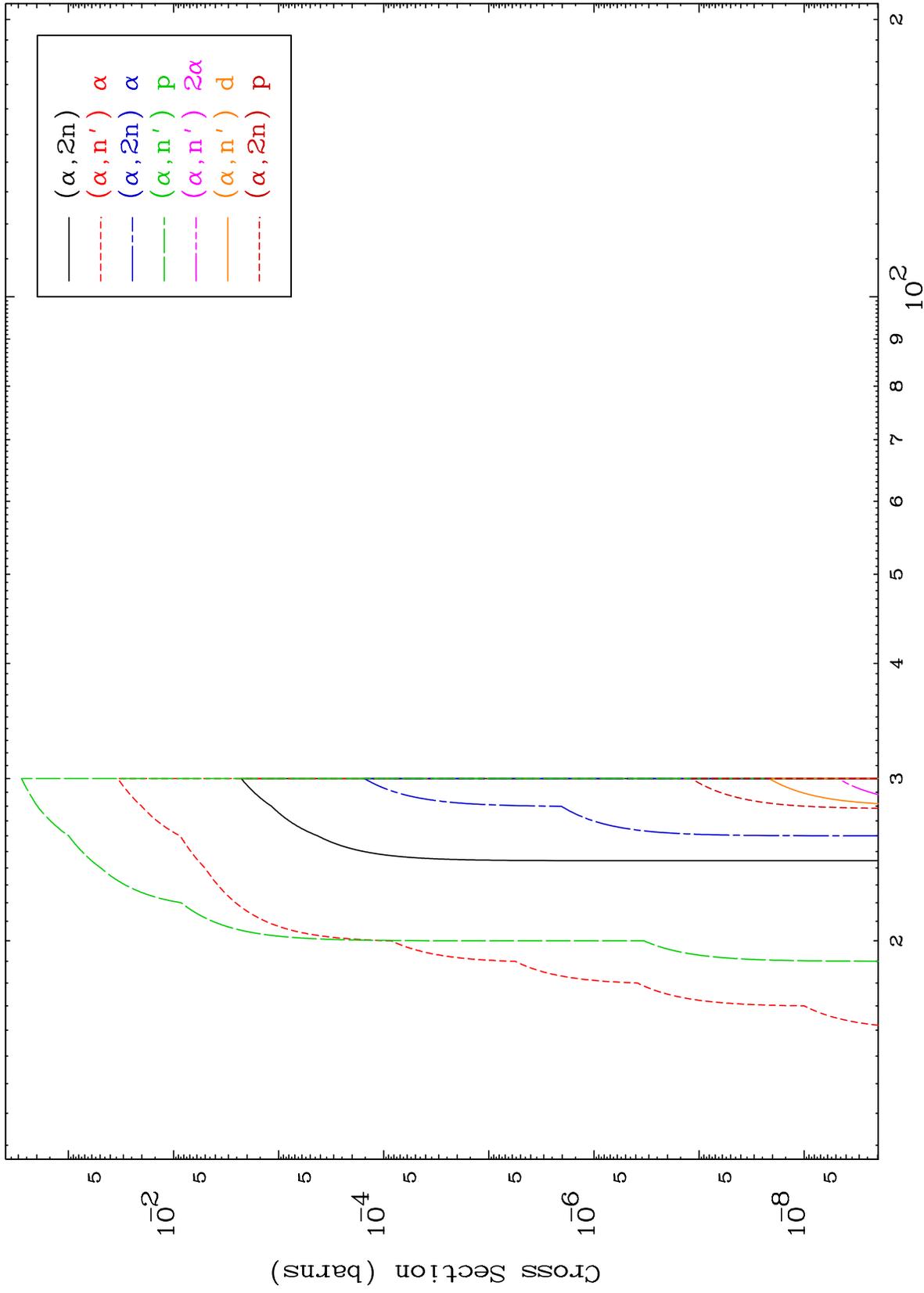
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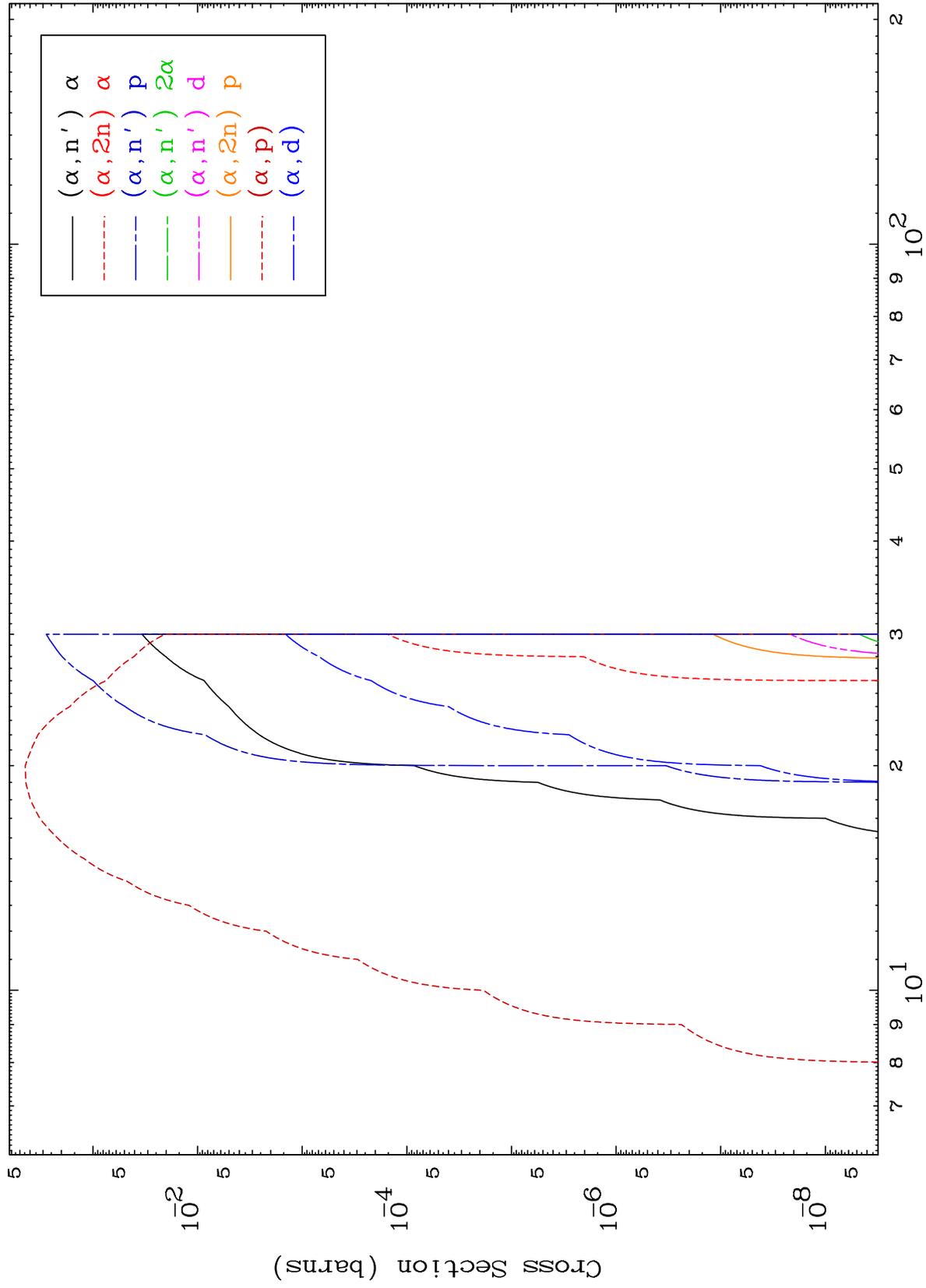
MAT 5013

0 Kelvin  $\alpha$  Major

50-Sn-108



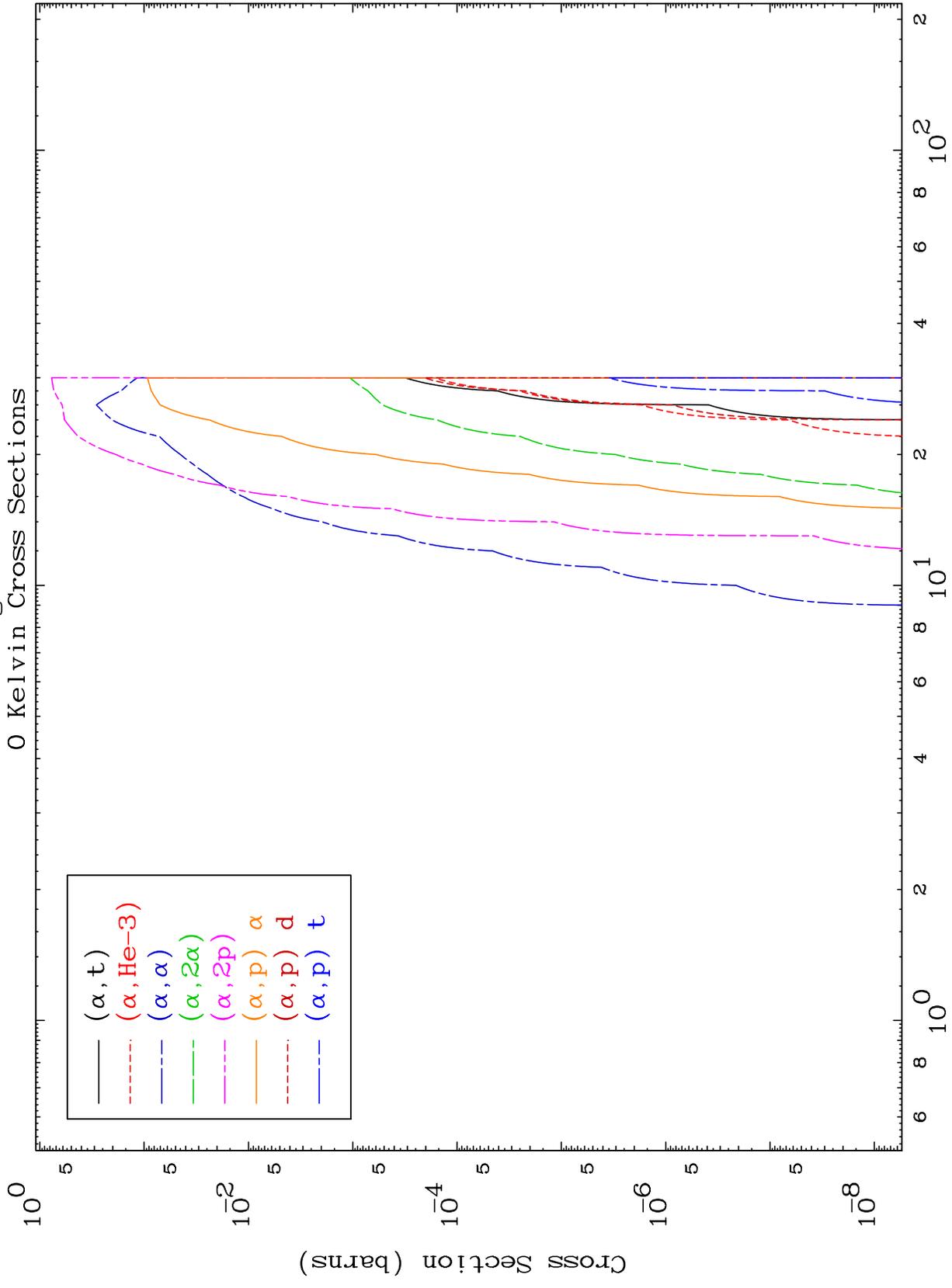




MAT 5013

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

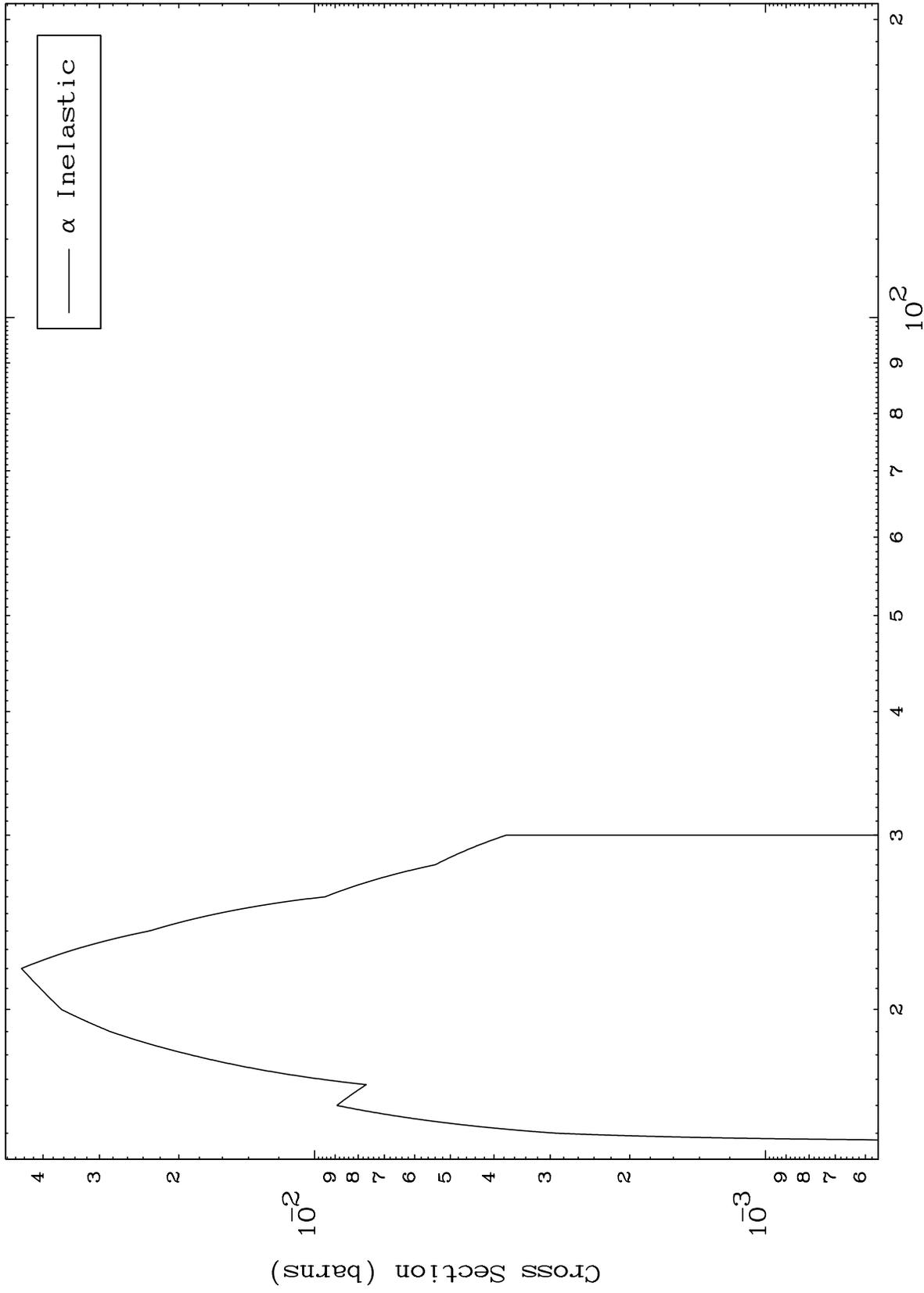
50-Sn-108



MAT 5013

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

50-Sn-108



—  $\alpha$  Inelastic

5

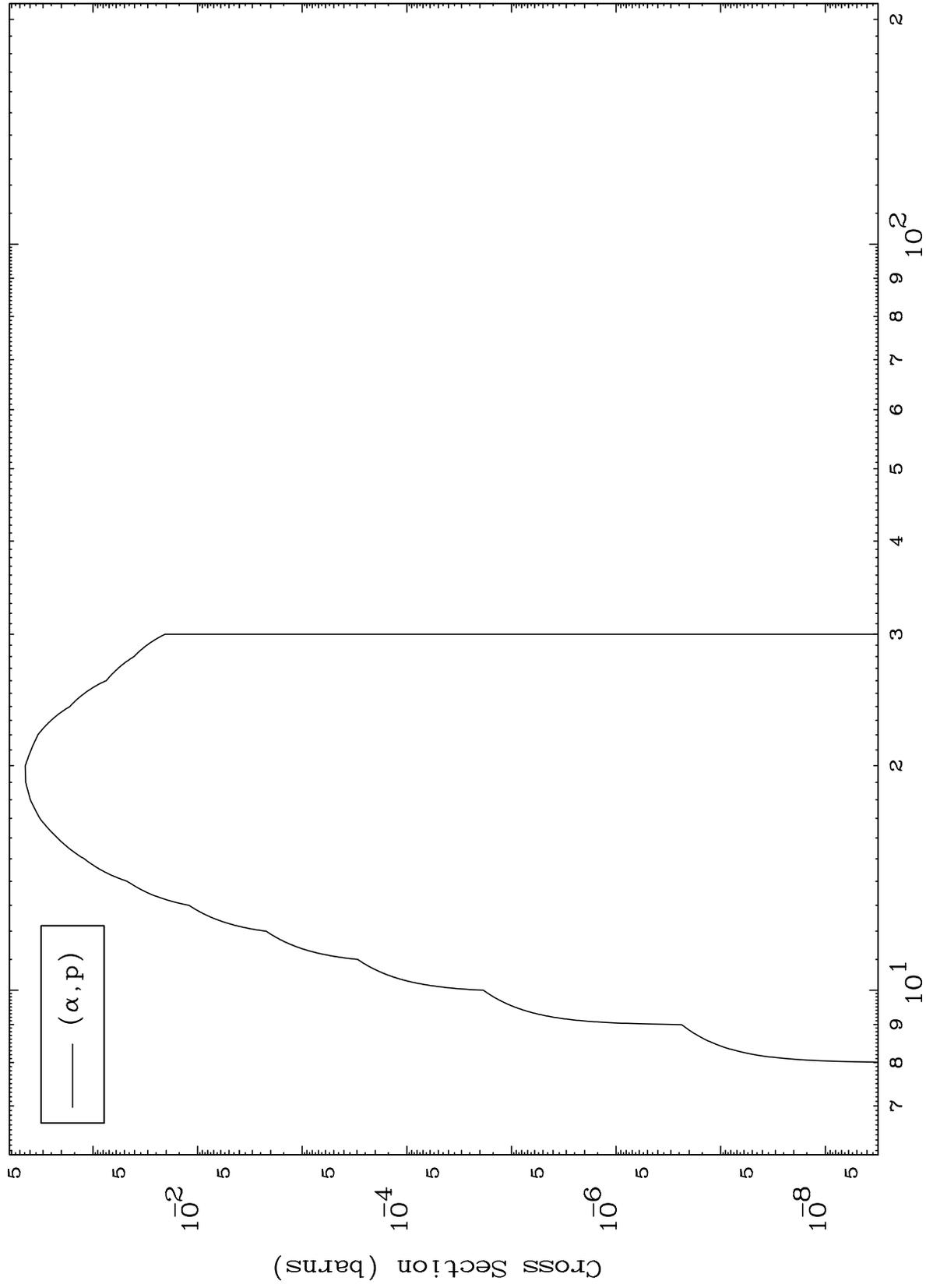
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

50-Sn-108



6

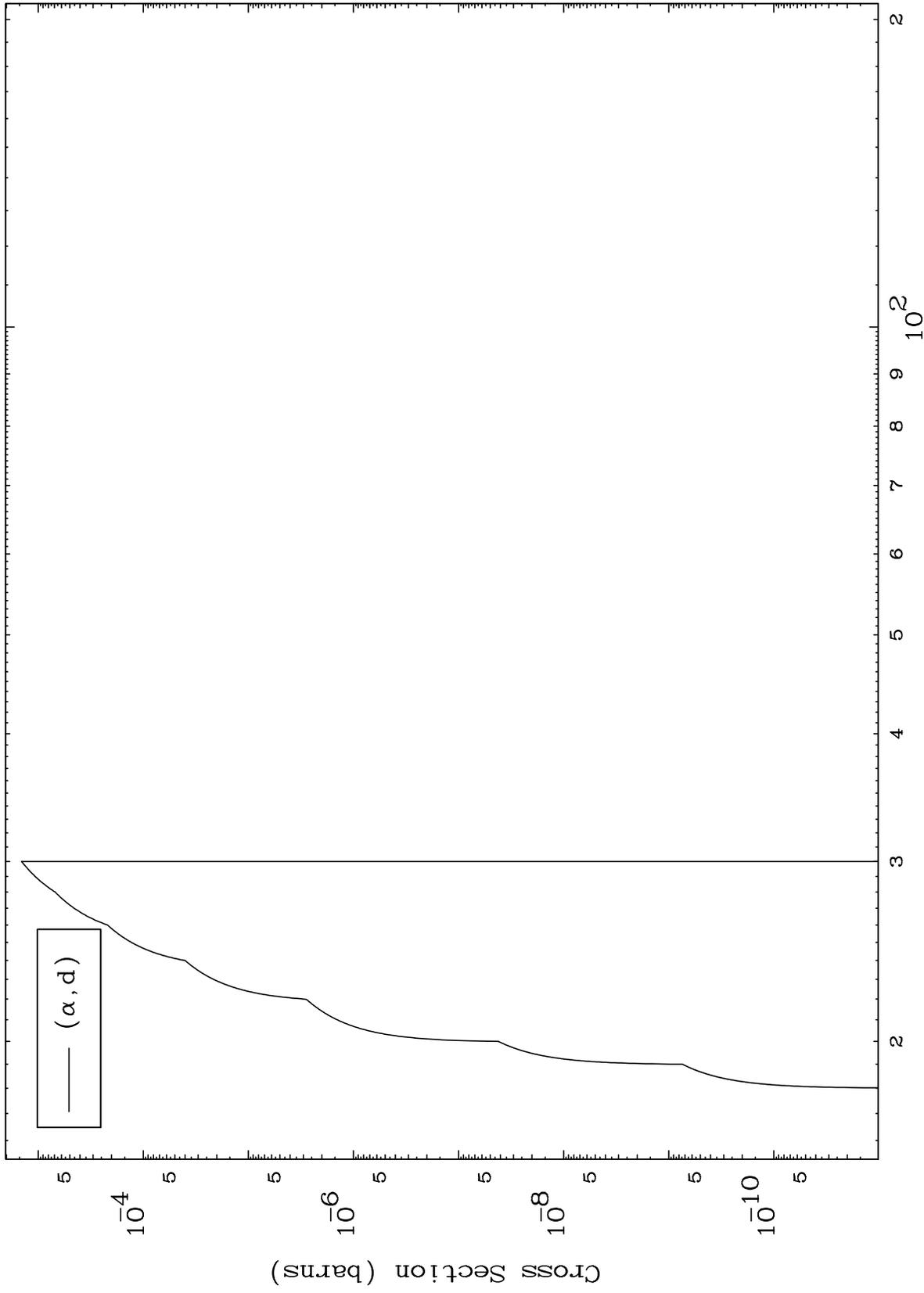
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

50-Sn-108



7

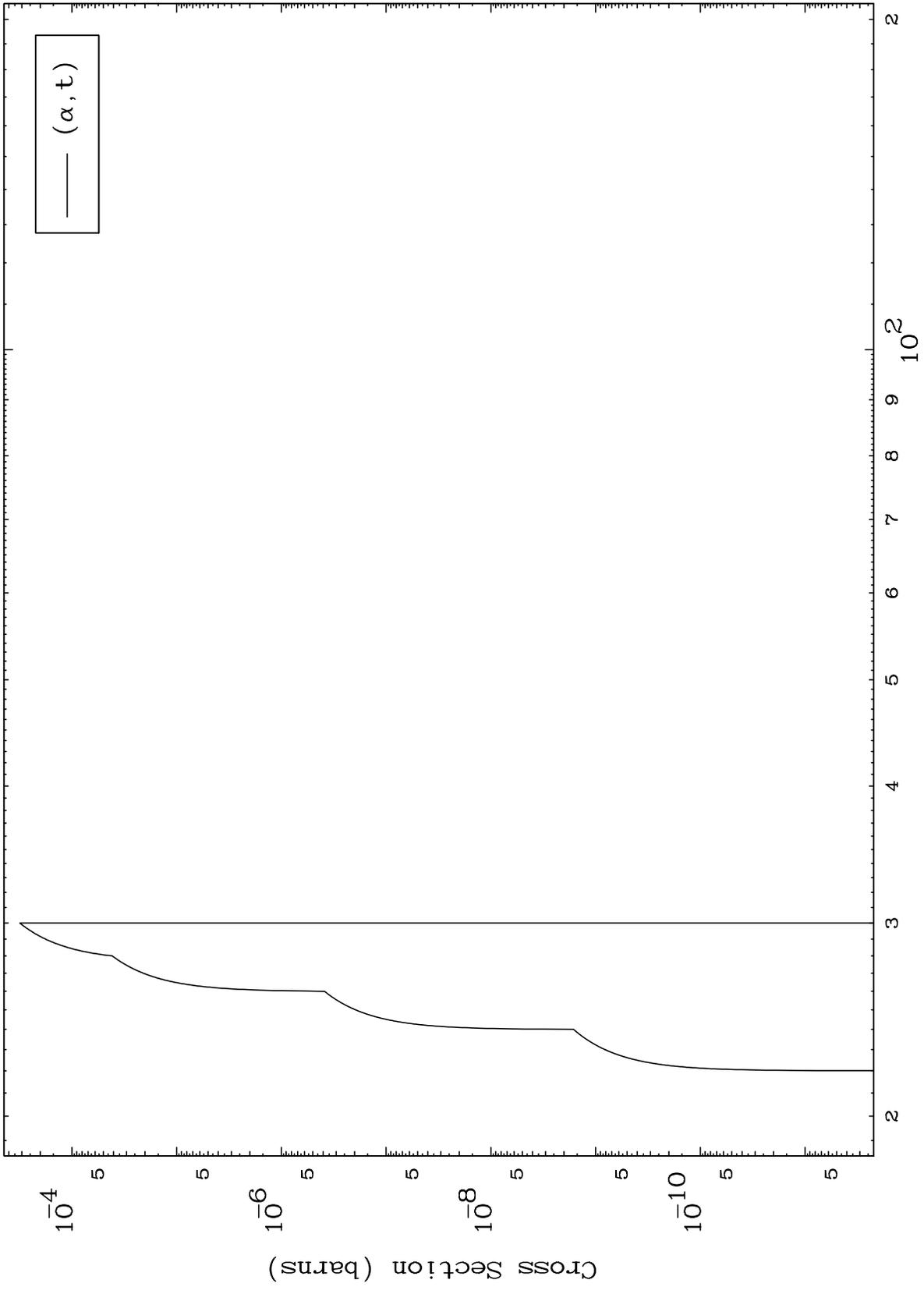
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

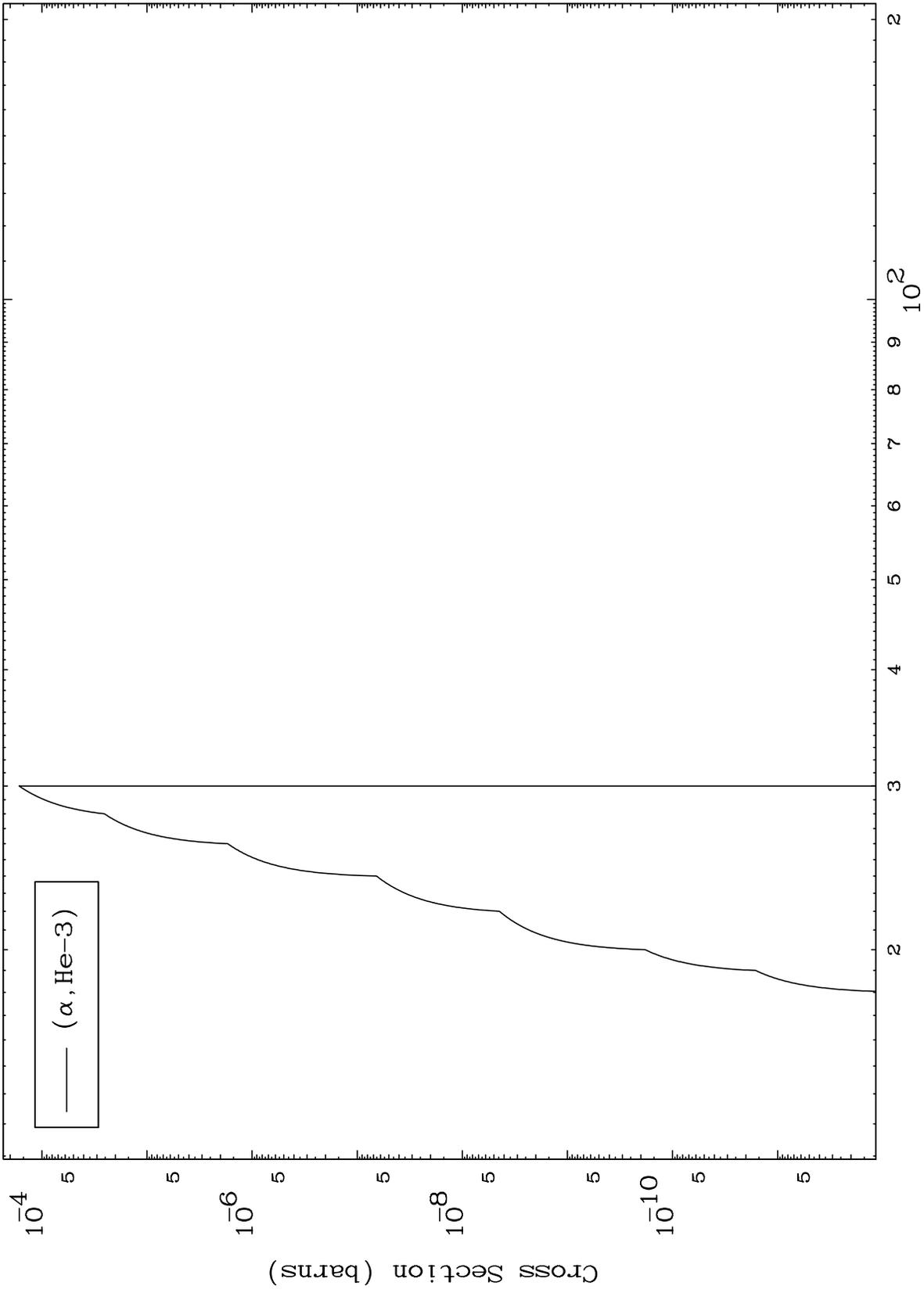
50-Sn-108



8

Incident Energy (MeV)

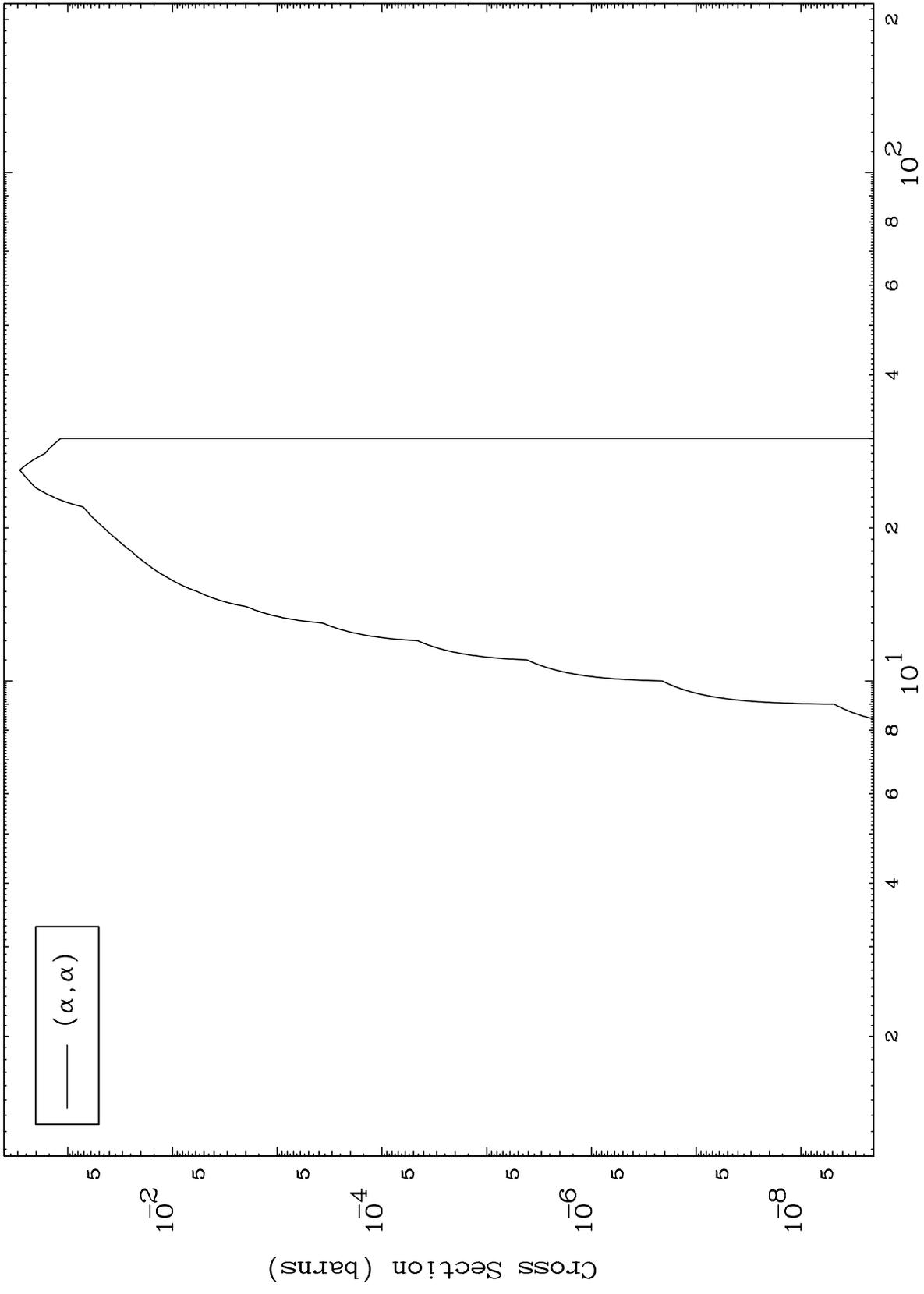
50-Sn-108



MAT 5013

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

50-Sn-108



10

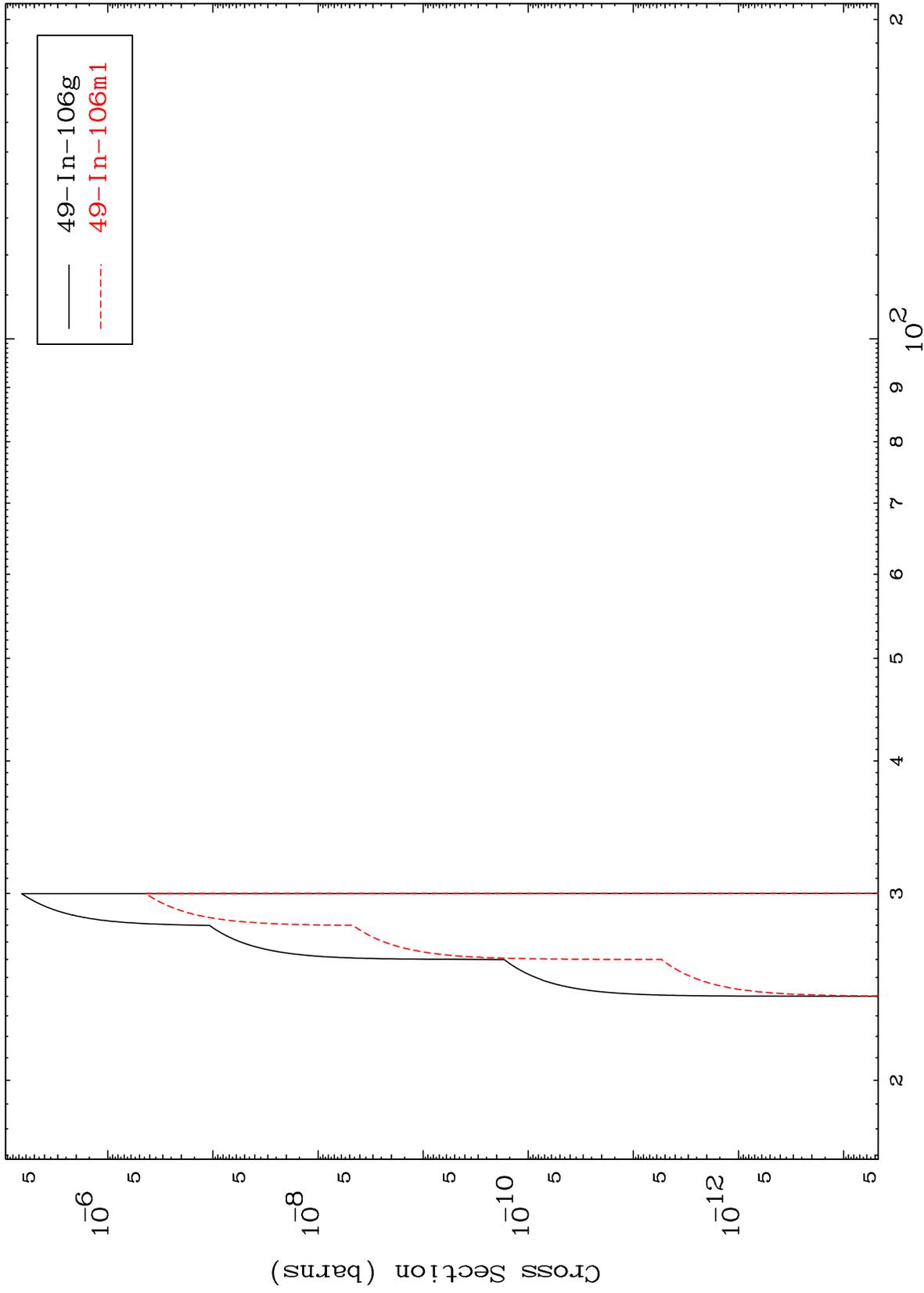
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

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



11

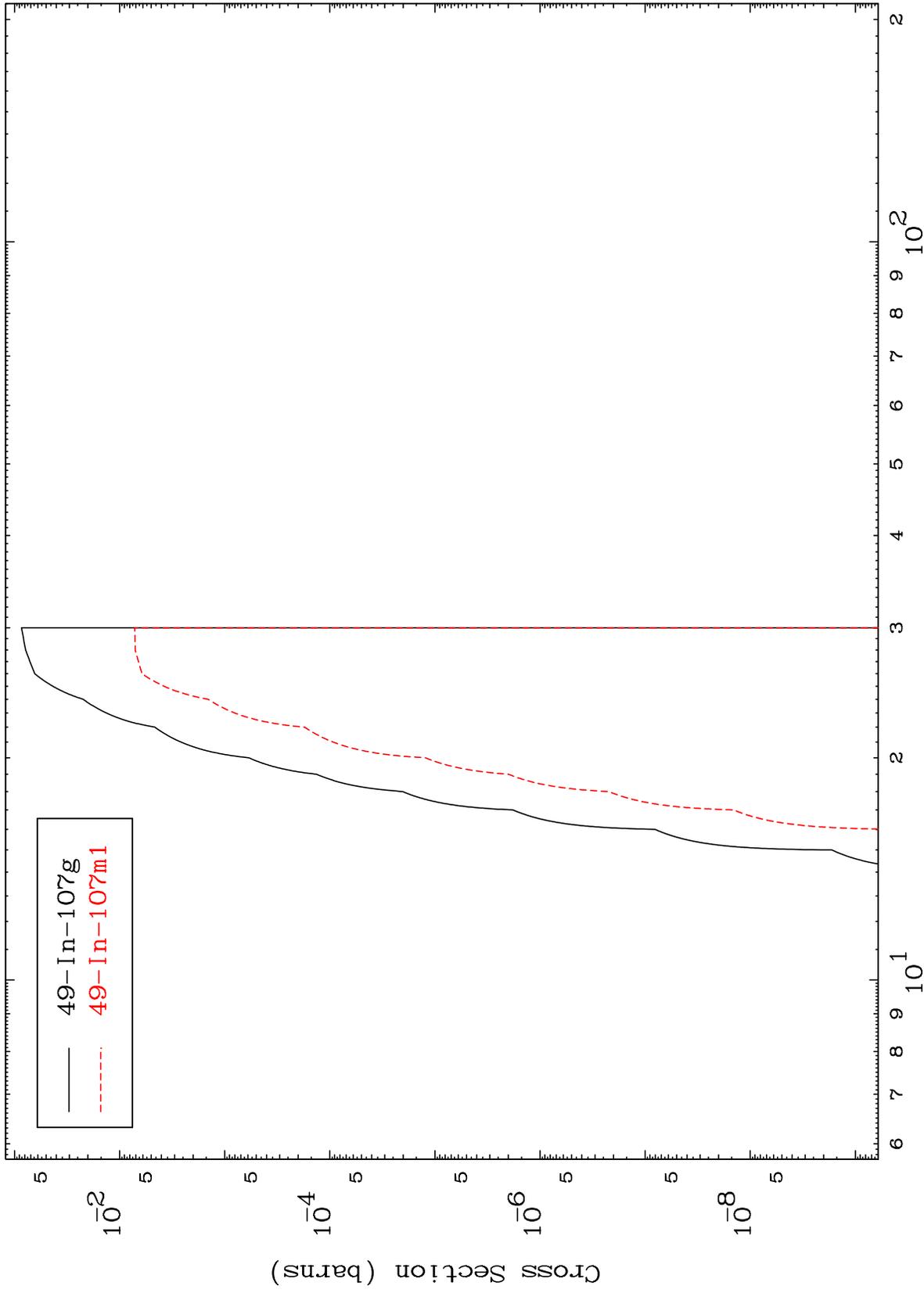
50-Sn-108

MAT 5013

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

50-Sn-108

Radionuclide Production Cross Section



12

Incident Energy (MeV)

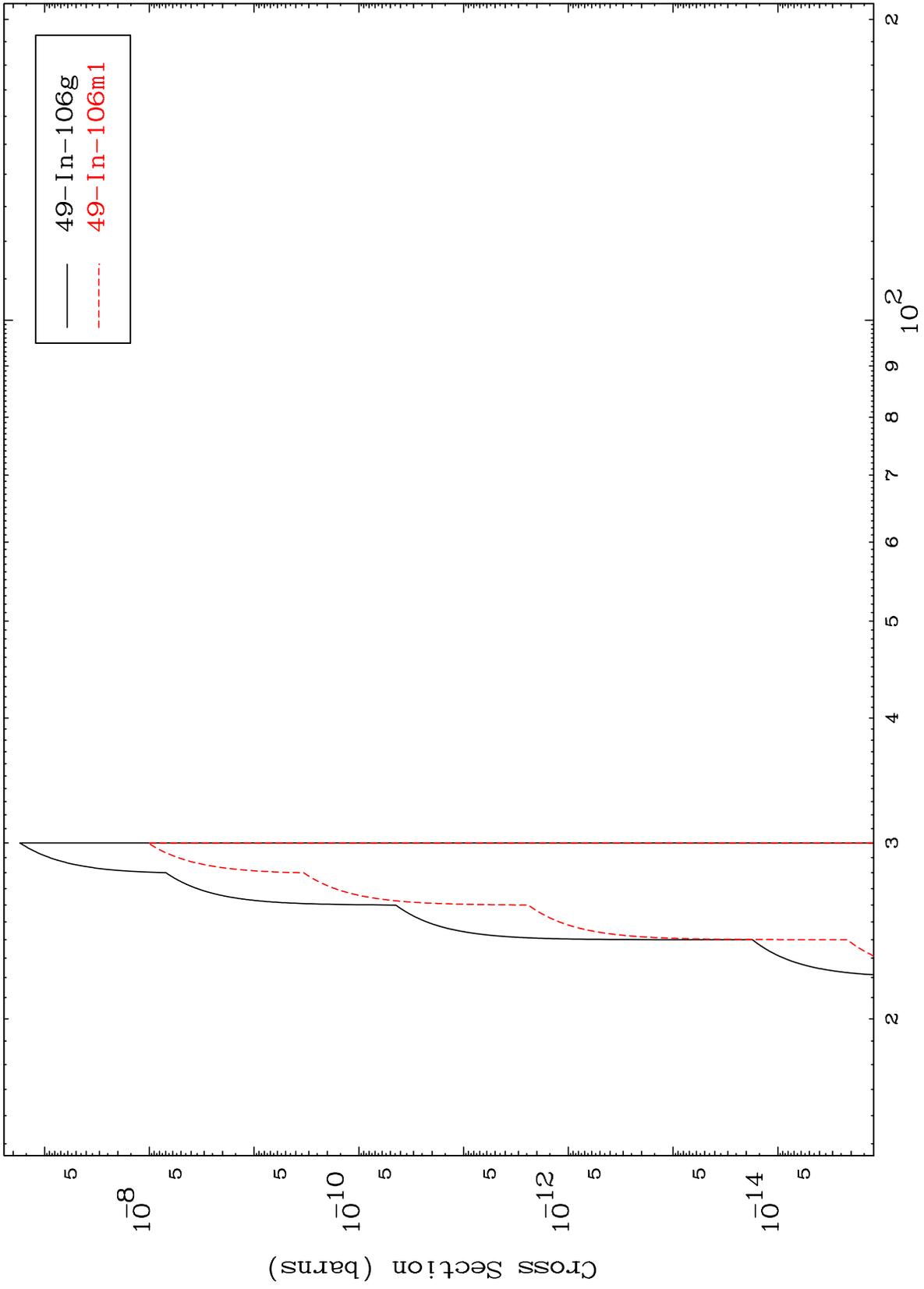
50-Sn-108

MAT 5013

( $\alpha, d$ )  $\alpha$

50-Sn-108

Radionuclide Production Cross Section



13

Incident Energy (MeV)

50-Sn-108