

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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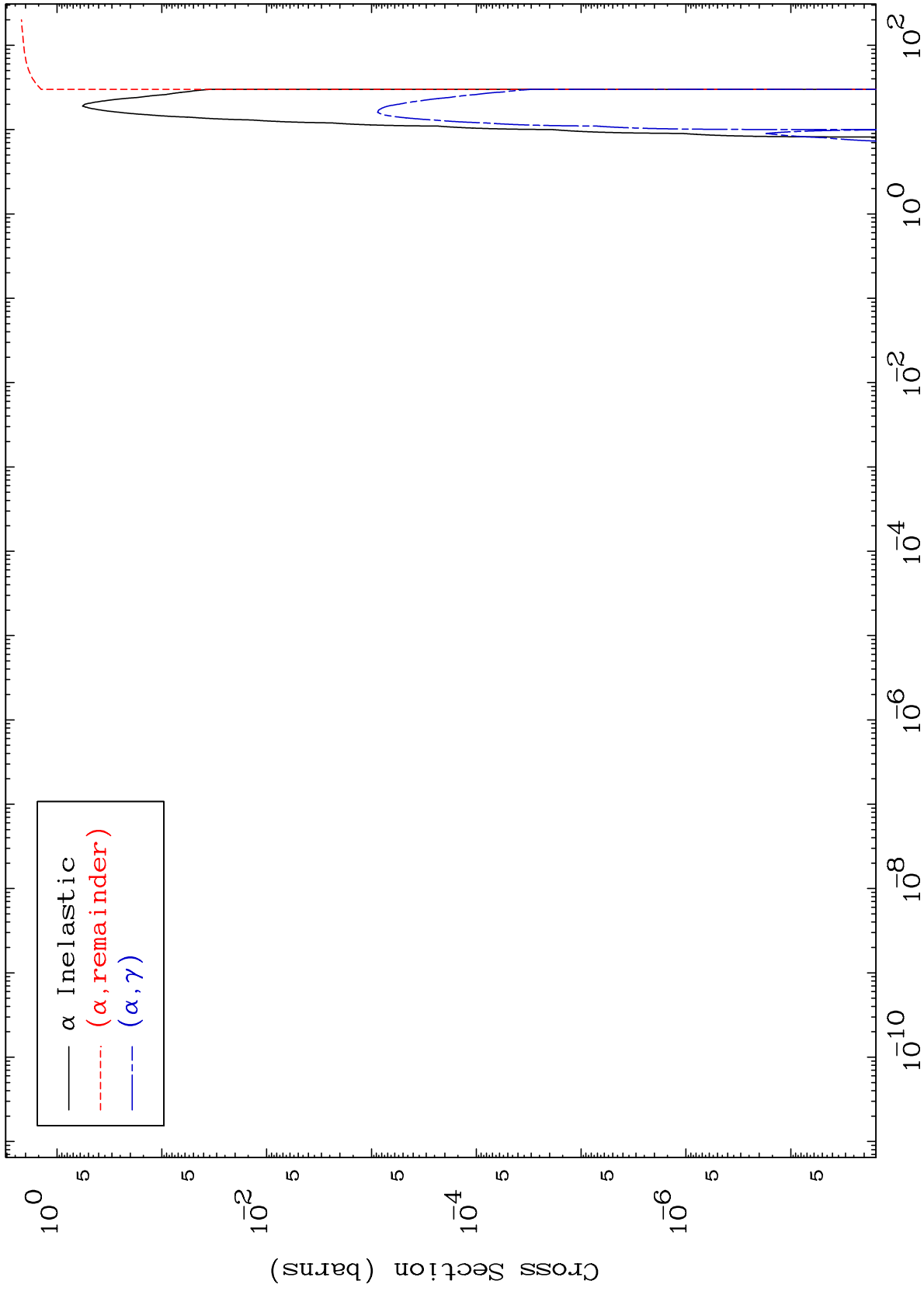
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5117

0 Kelvin  $\alpha$  Major  
Cross Sections

51-Sb-118



1

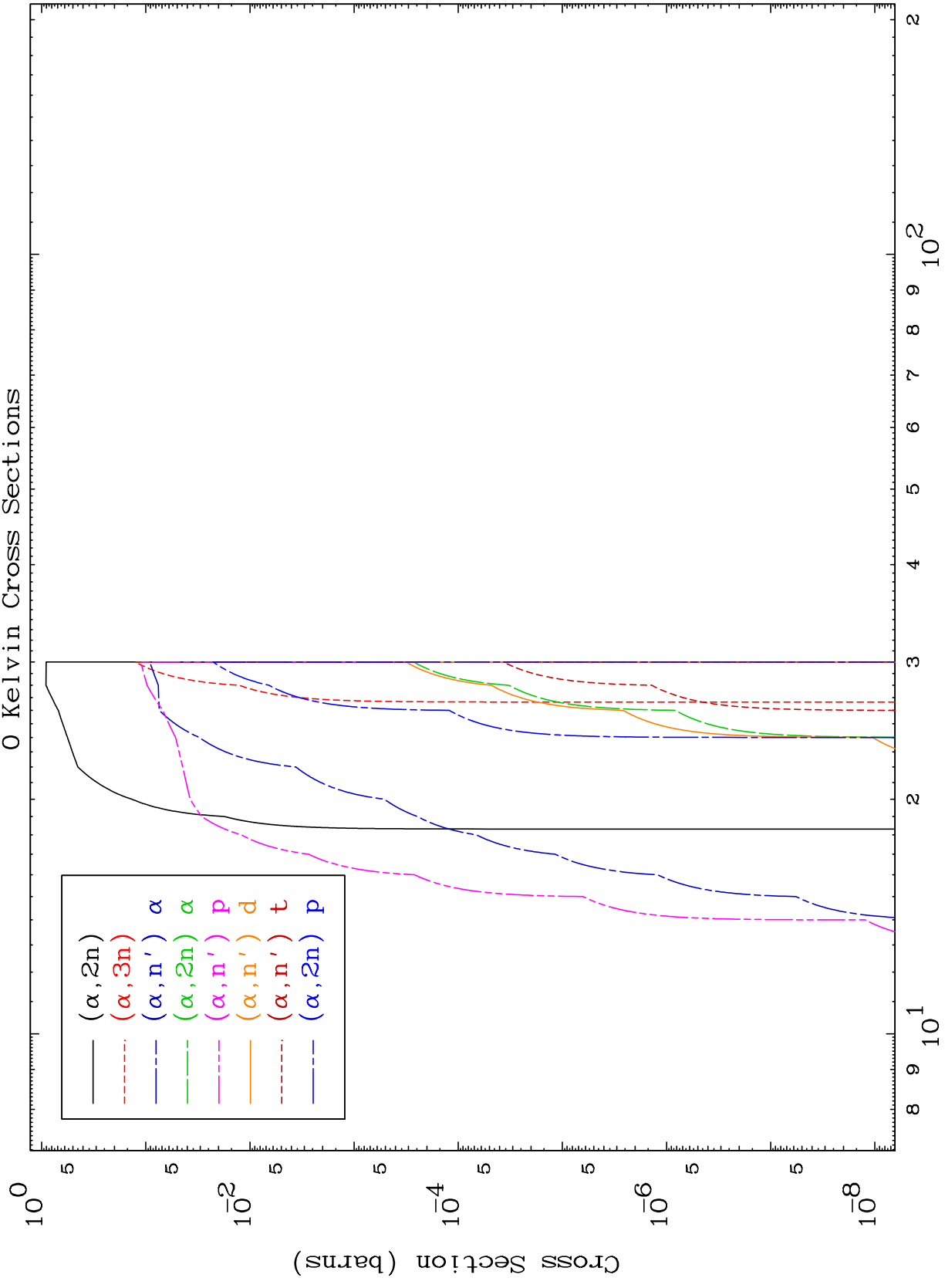
Incident Energy (MeV)

51-Sb-118

MAT 5117

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

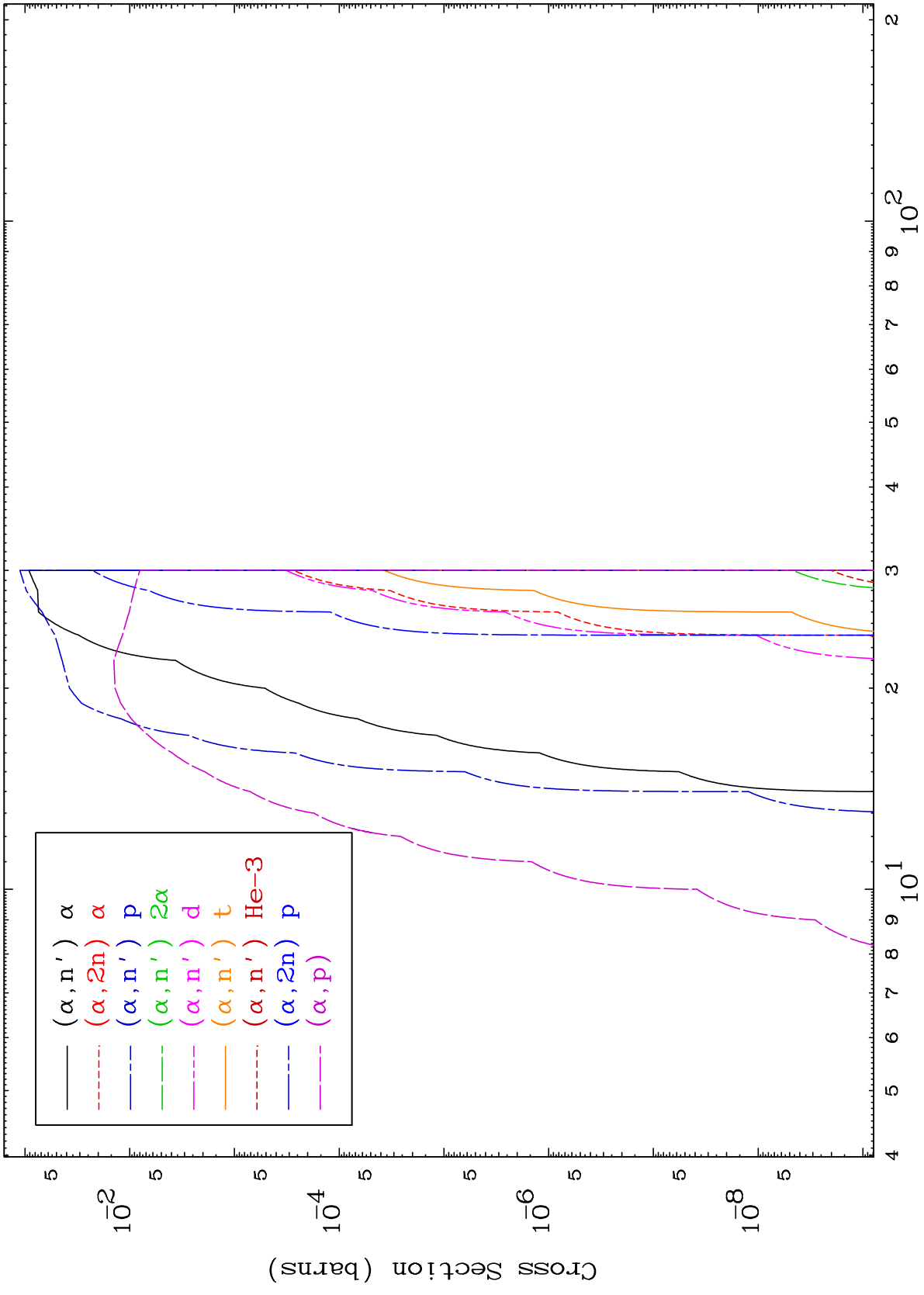
51-Sb-118



2

Incident Energy (MeV)

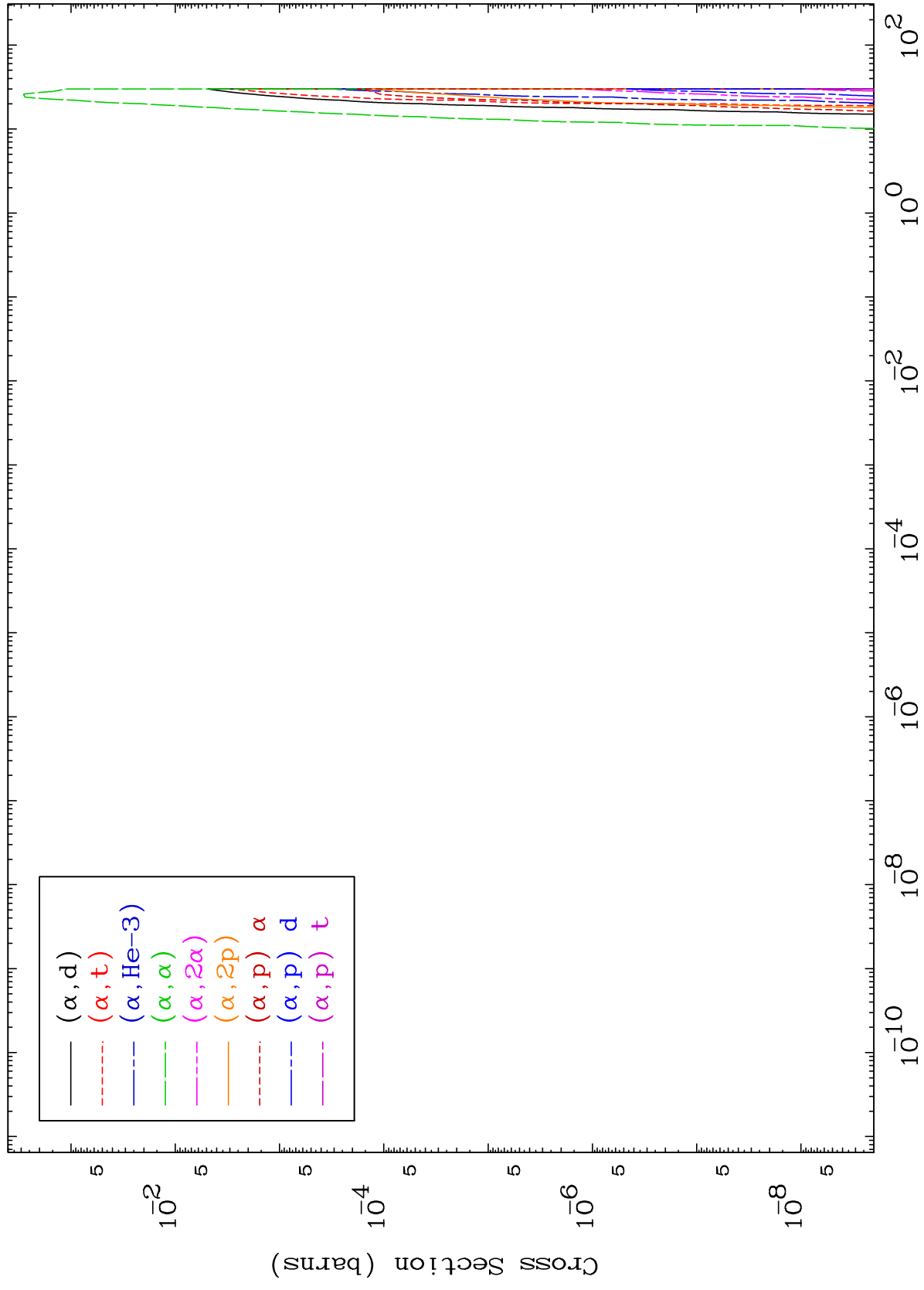
51-Sb-118



MAT 5117

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

51-Sb-118

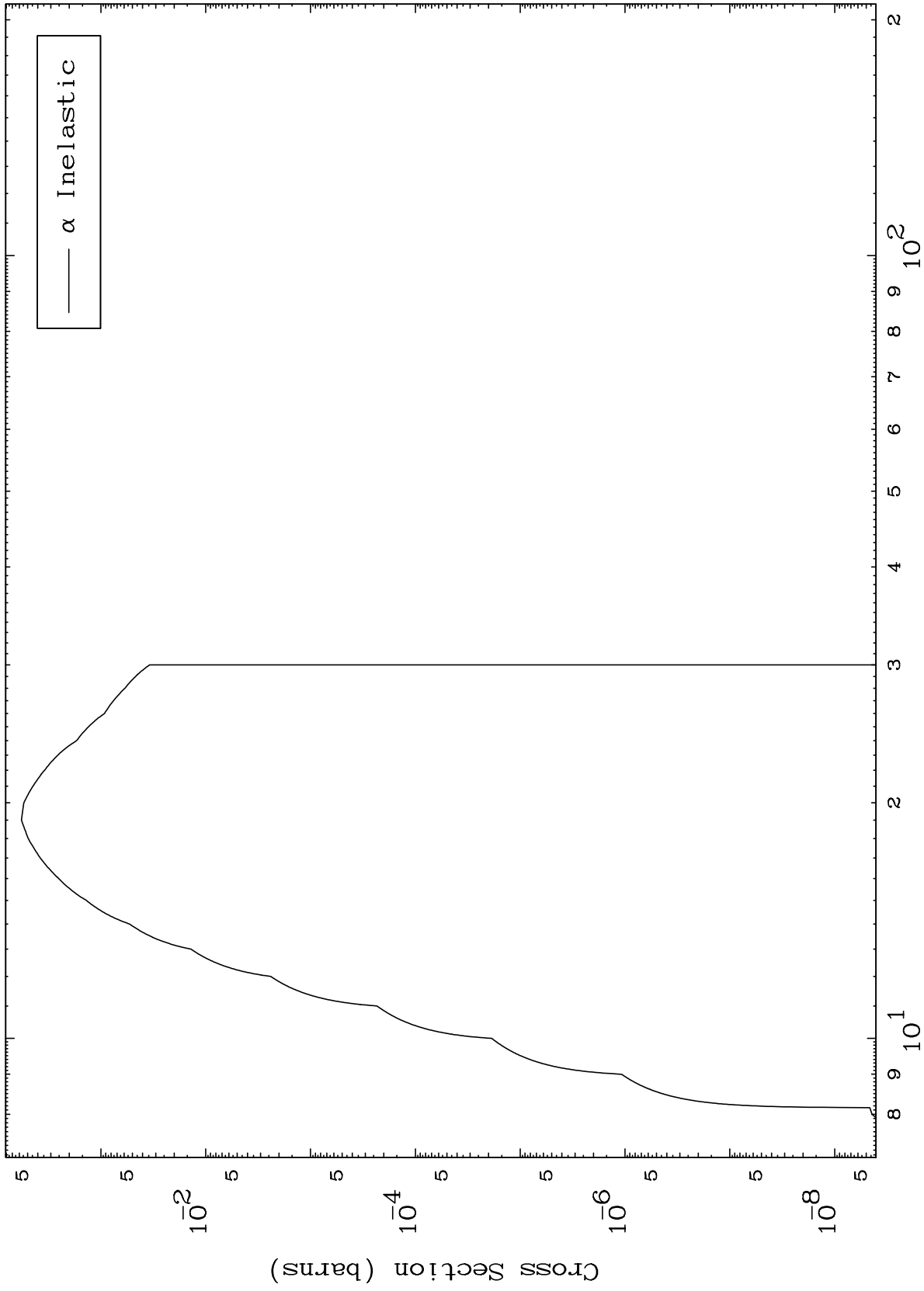


51-Sb-118

MAT 5117

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

51-Sb-118



5

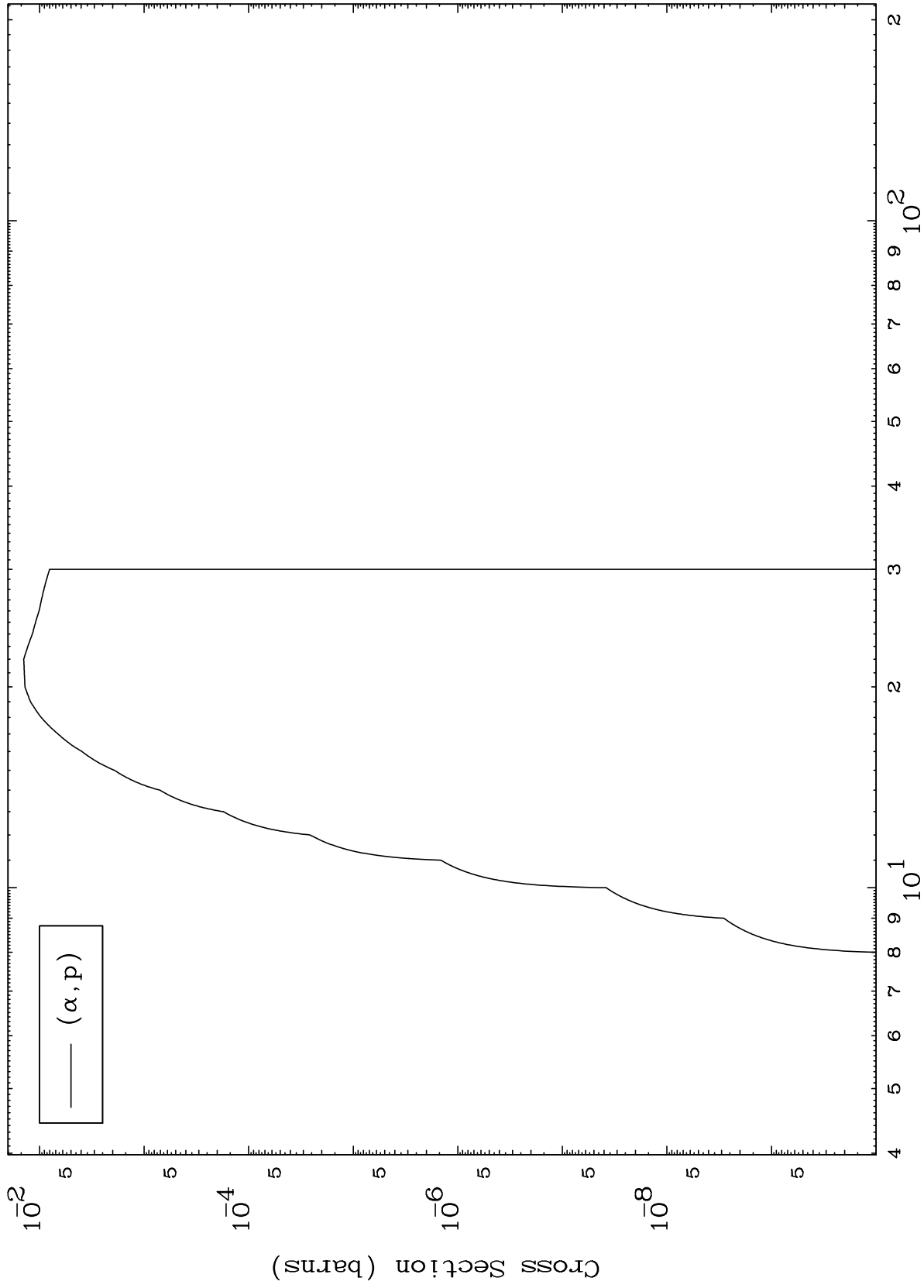
Incident Energy (MeV)

51-Sb-118

MAT 5117

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

51-Sb-118



6

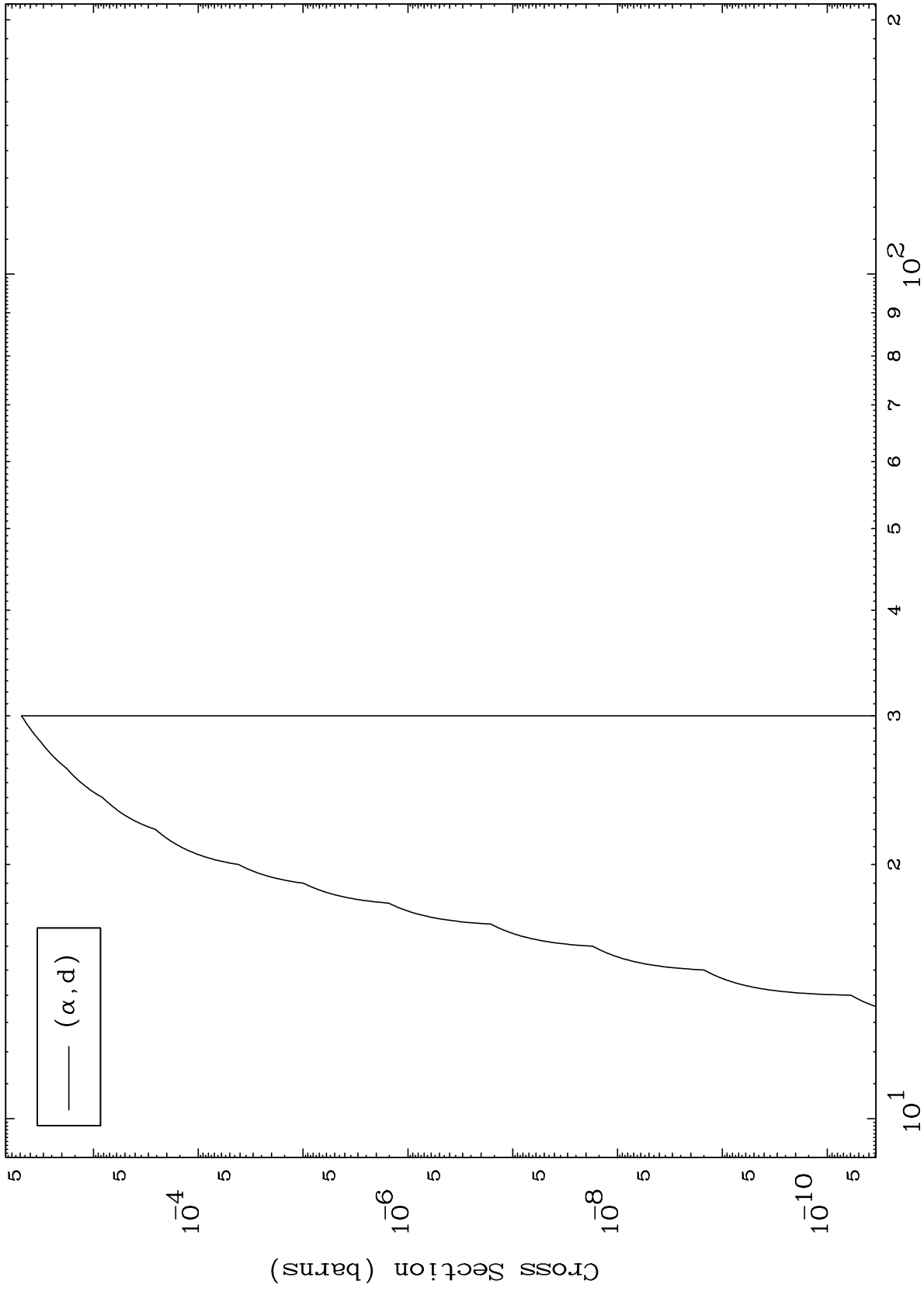
Incident Energy (MeV)

51-Sb-118

MAT 5117

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

51-Sb-118

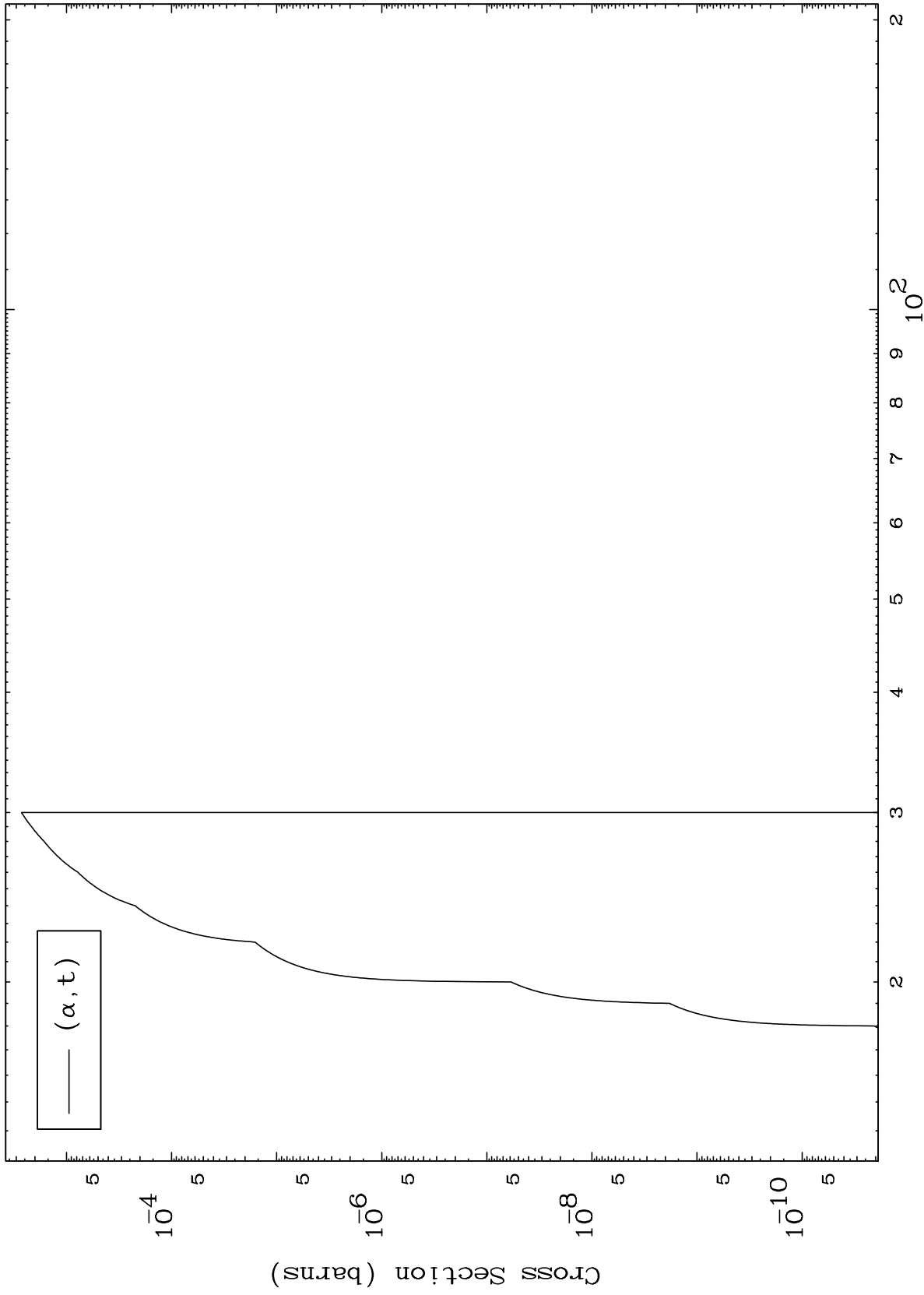


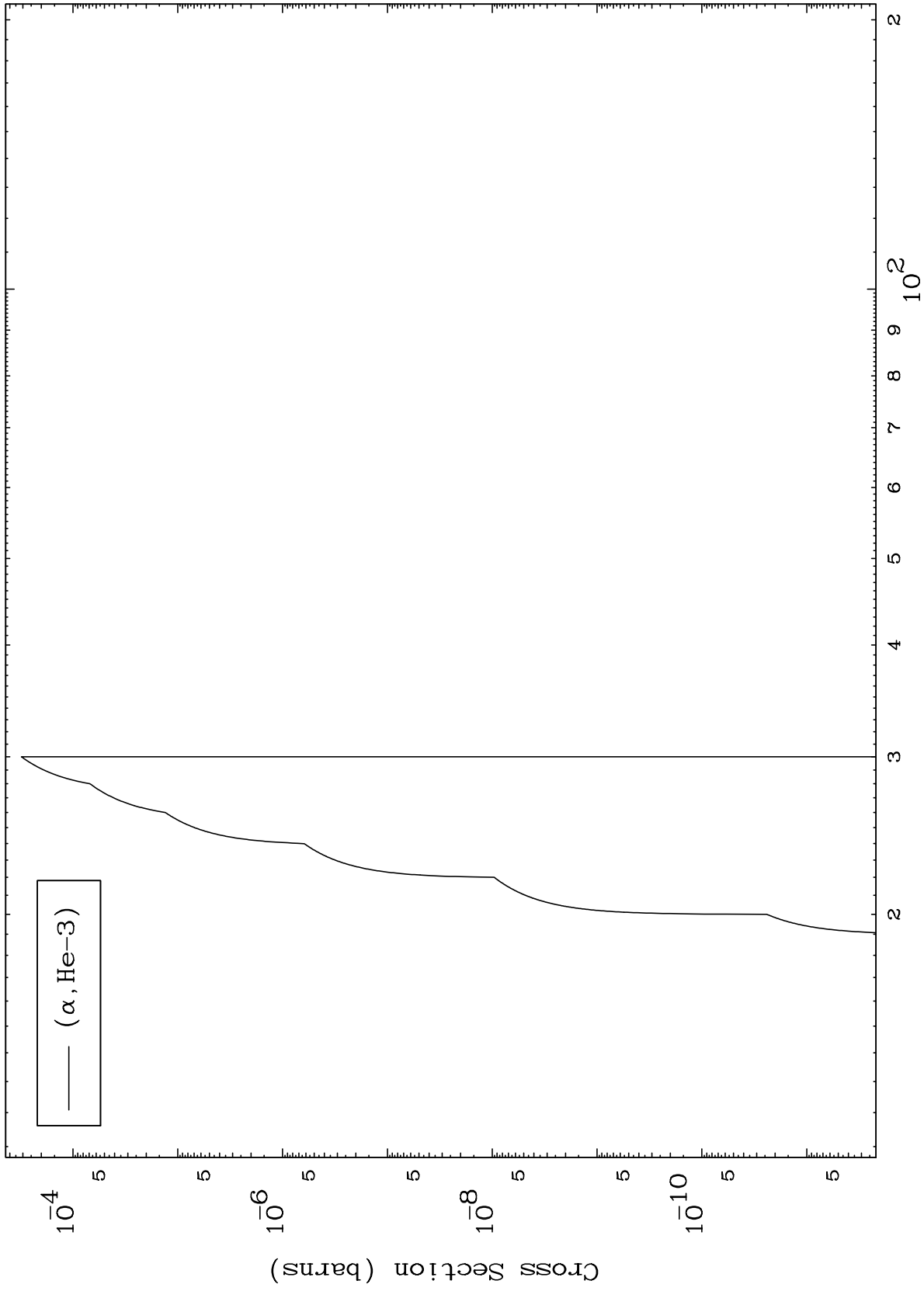
7

Incident Energy (MeV)

51-Sb-118



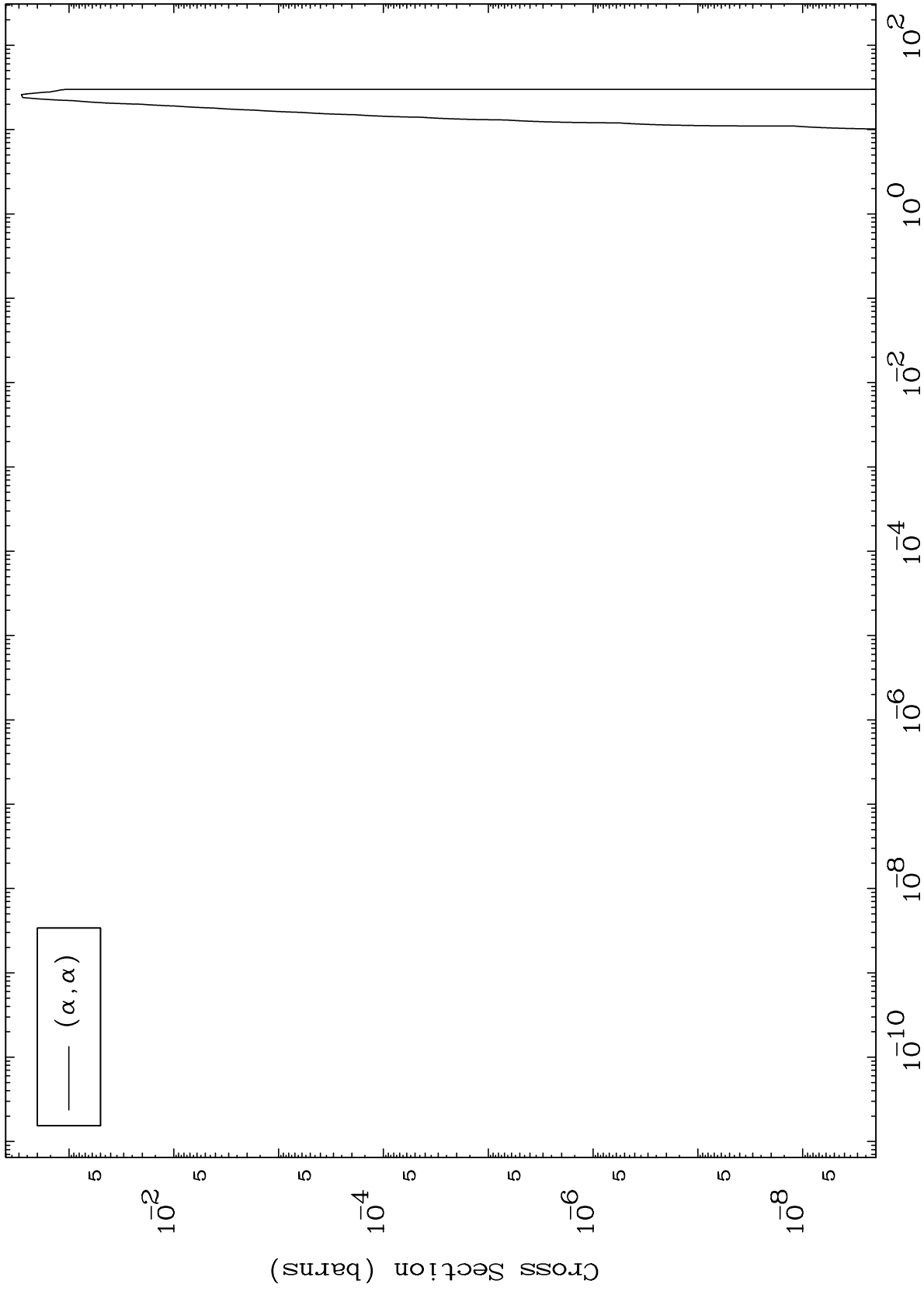




MAT 5117

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

51-Sb-118



10

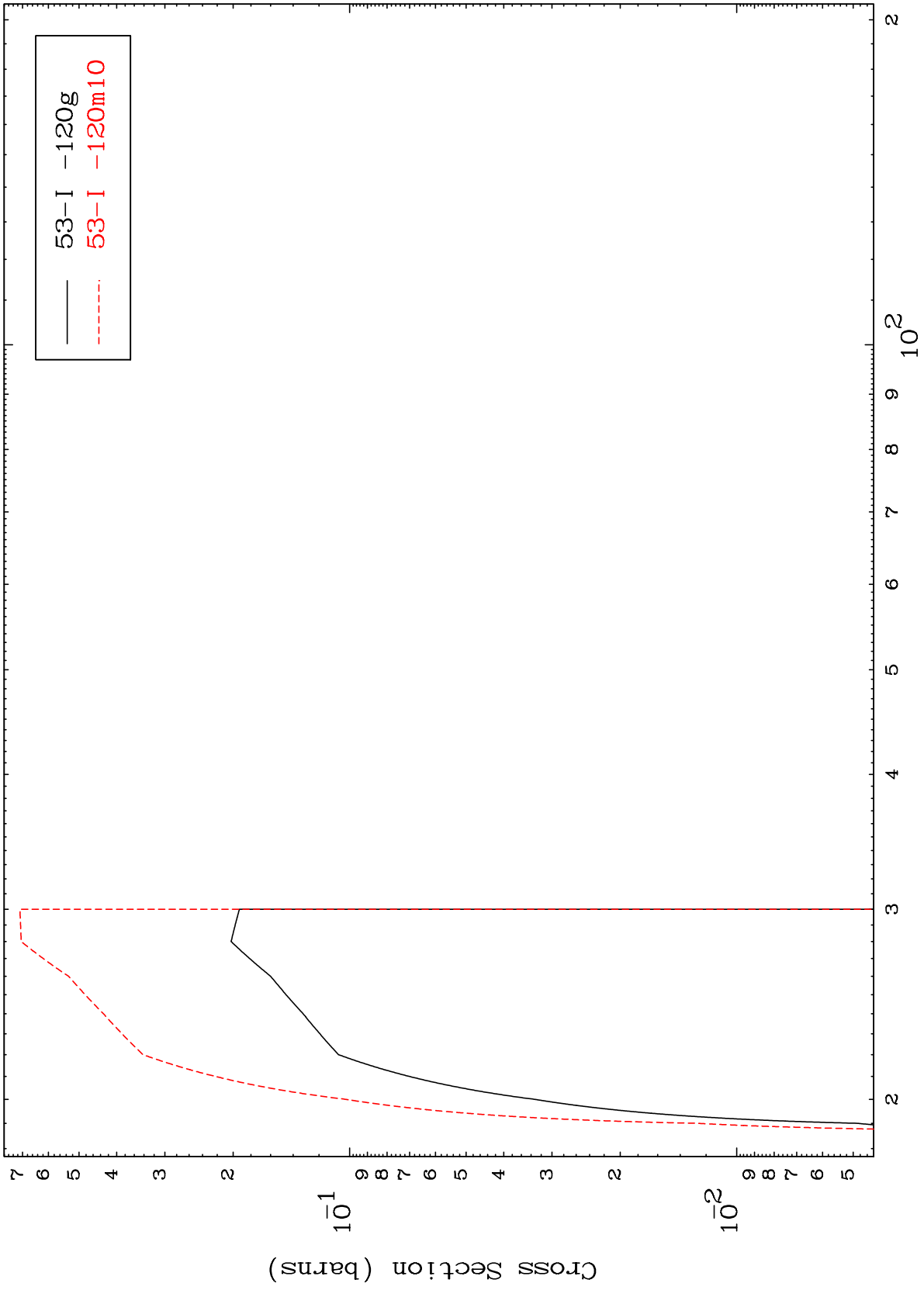
Incident Energy (MeV)

51-Sb-118

MAT 5117

51-Sb-118

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



11

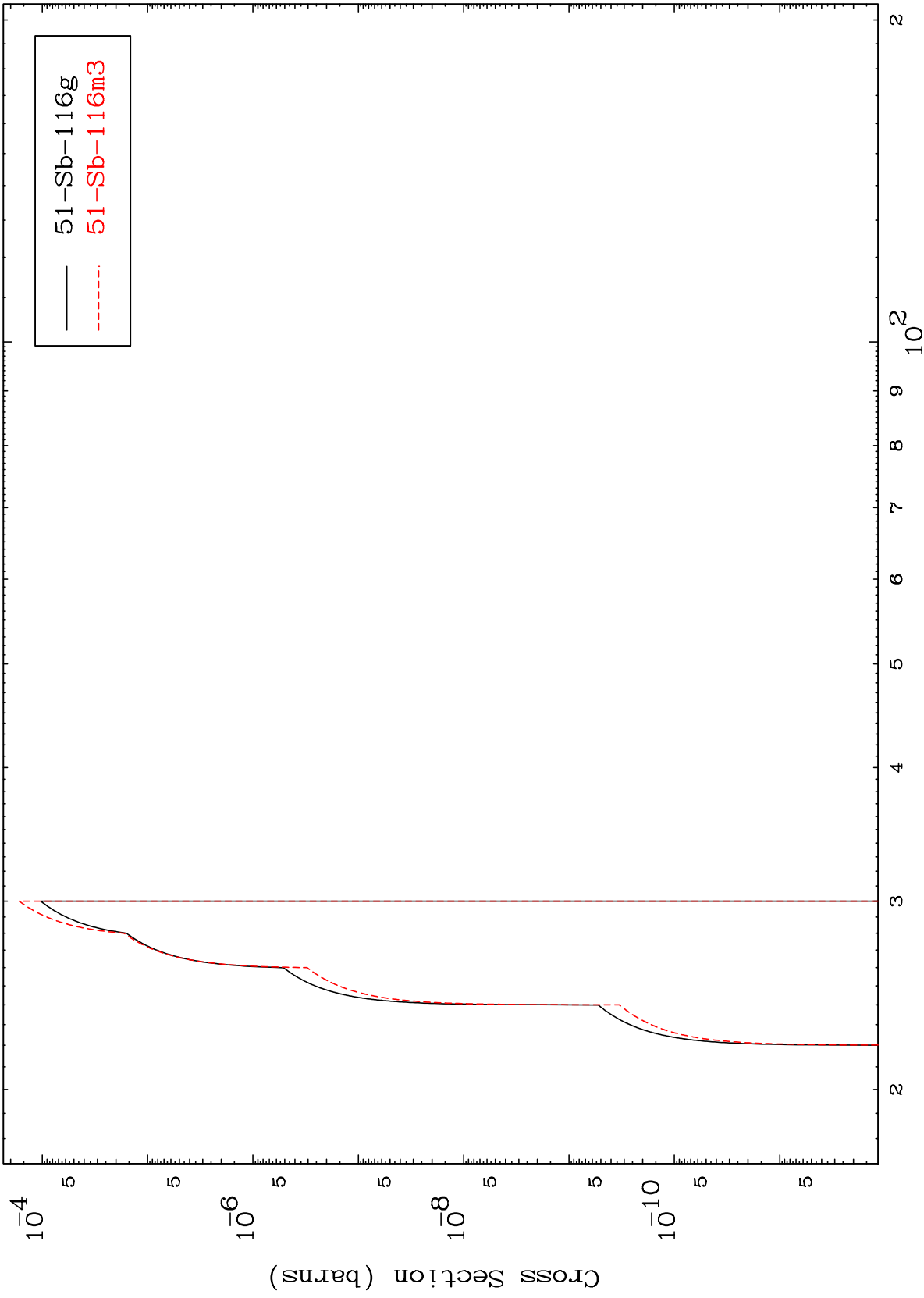
51-Sb-118

MAT 5117

( $\alpha, 2n$ )  $\alpha$

51-Sb-118

Radionuclide Production Cross Section



12

Incident Energy (MeV)

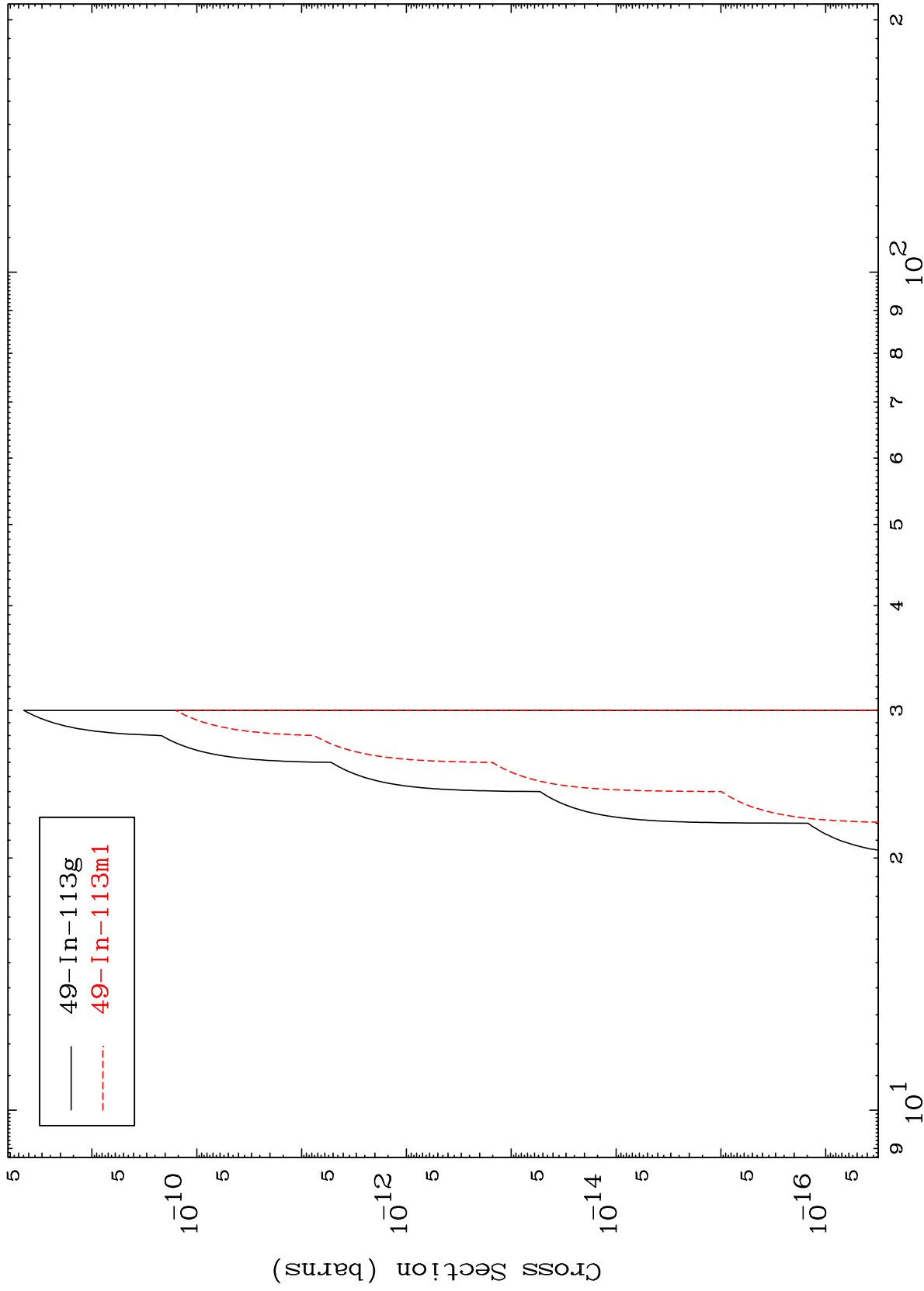
51-Sb-118

MAT 5117

( $\alpha, n'$ )  $2\alpha$

51-Sb-118

Radionuclide Production Cross Section



49-In-113g  
49-In-113m1

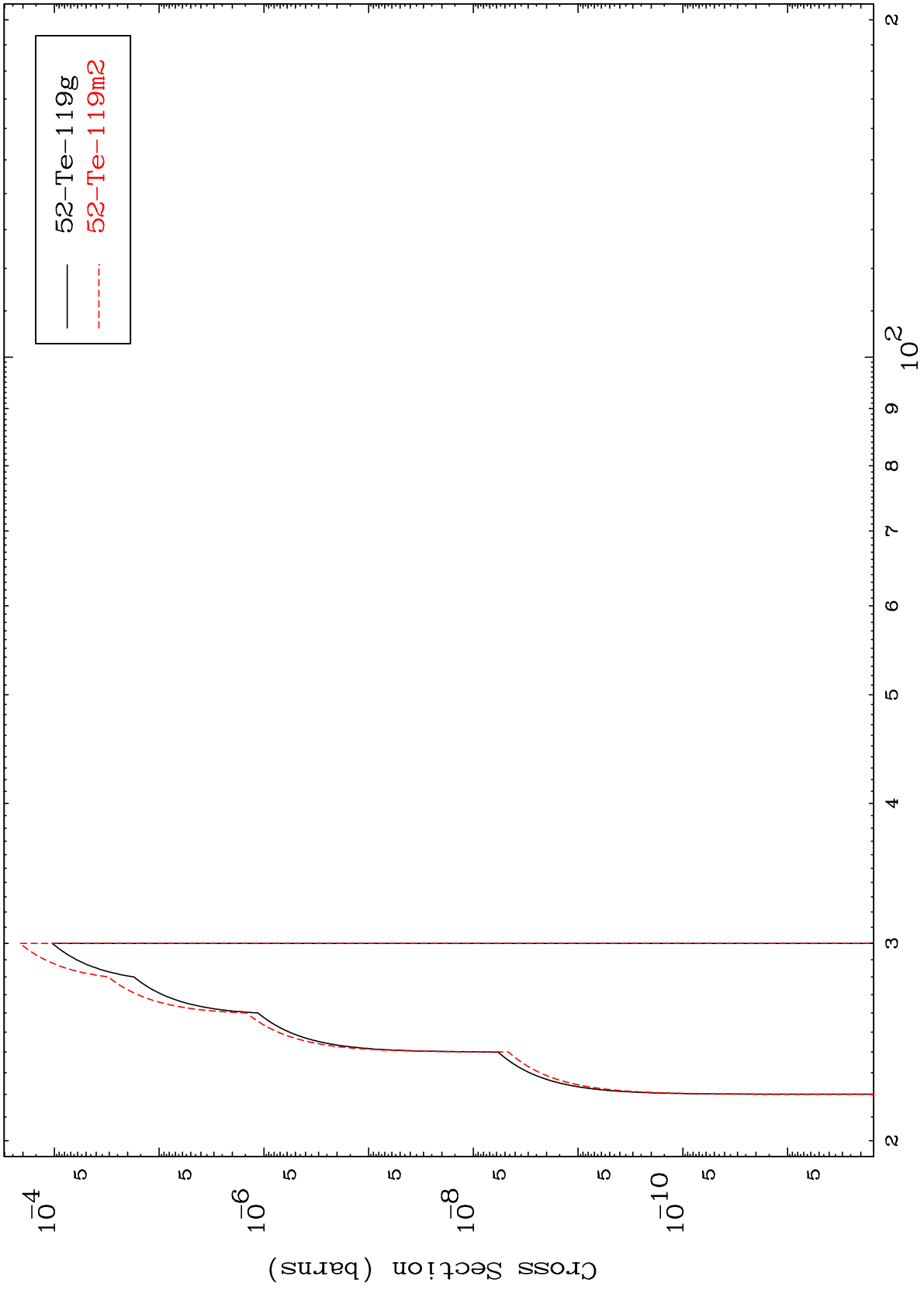
13

MAT 5117

( $\alpha, n'$ ) d

51-Sb-118

Radionuclide Production Cross Section



14

Incident Energy (MeV)

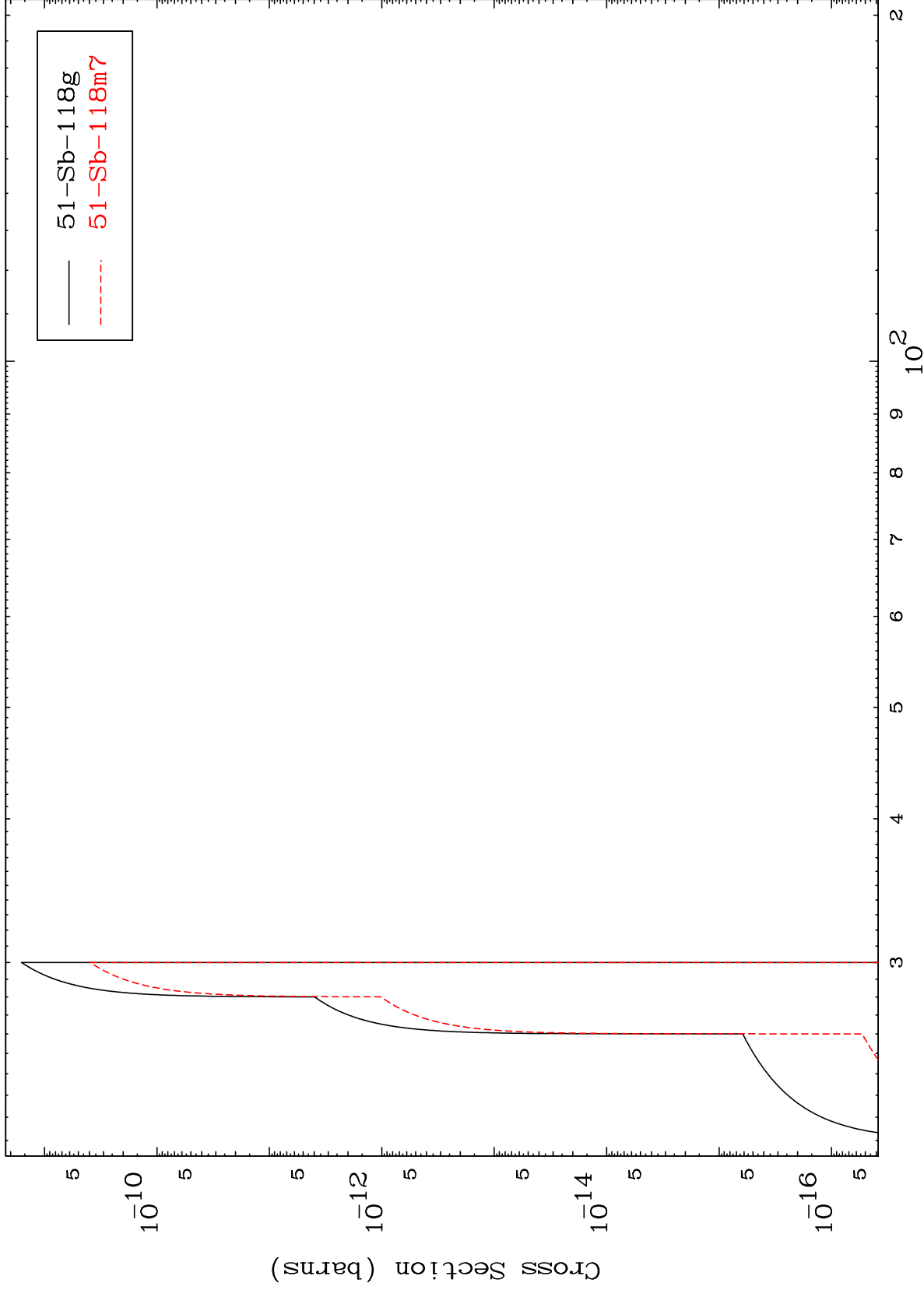
51-Sb-118

MAT 5117

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

51-Sb-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-118

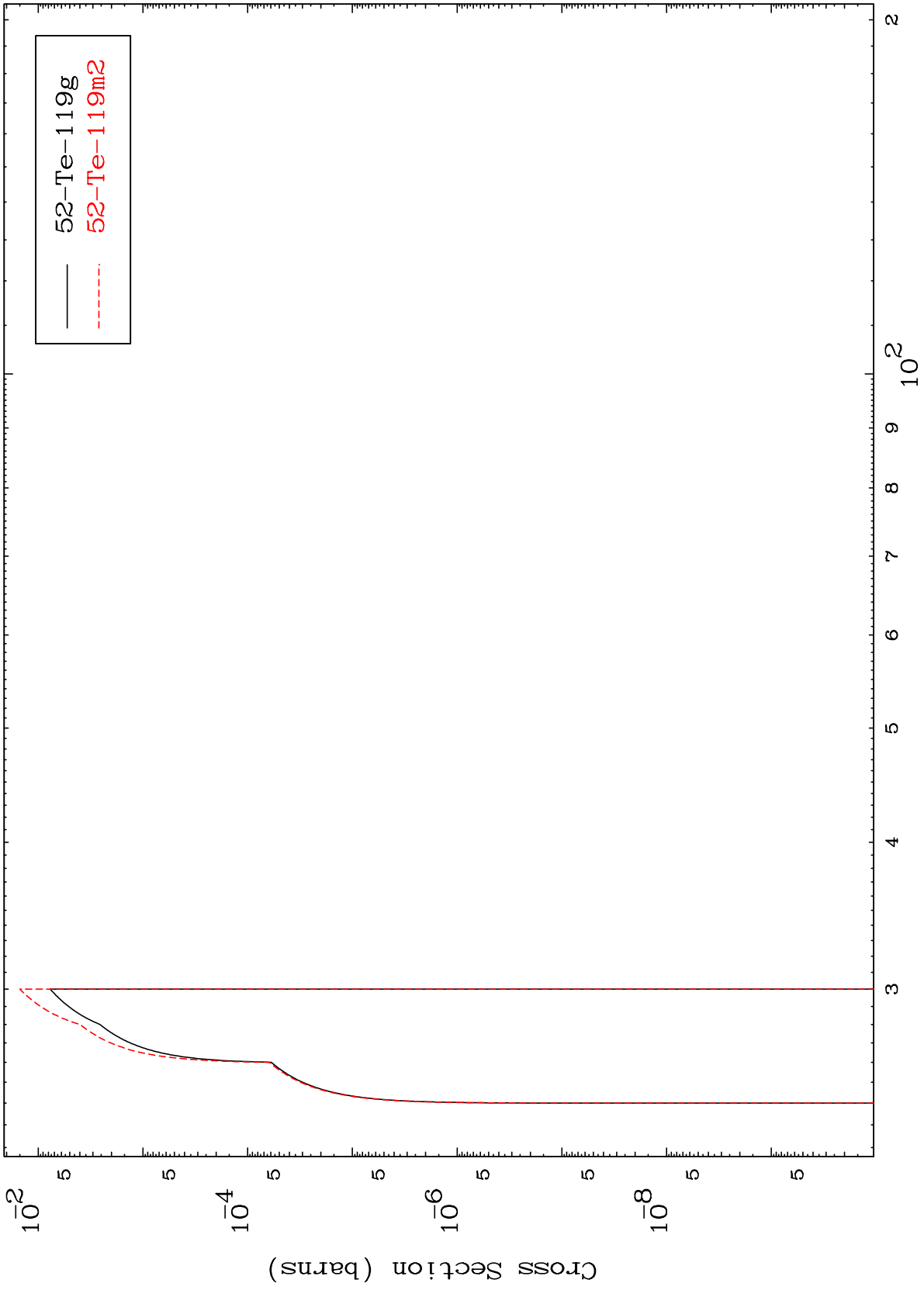


MAT 5117

( $\alpha, 2n$ ) p

51-Sb-118

Radionuclide Production Cross Section



16

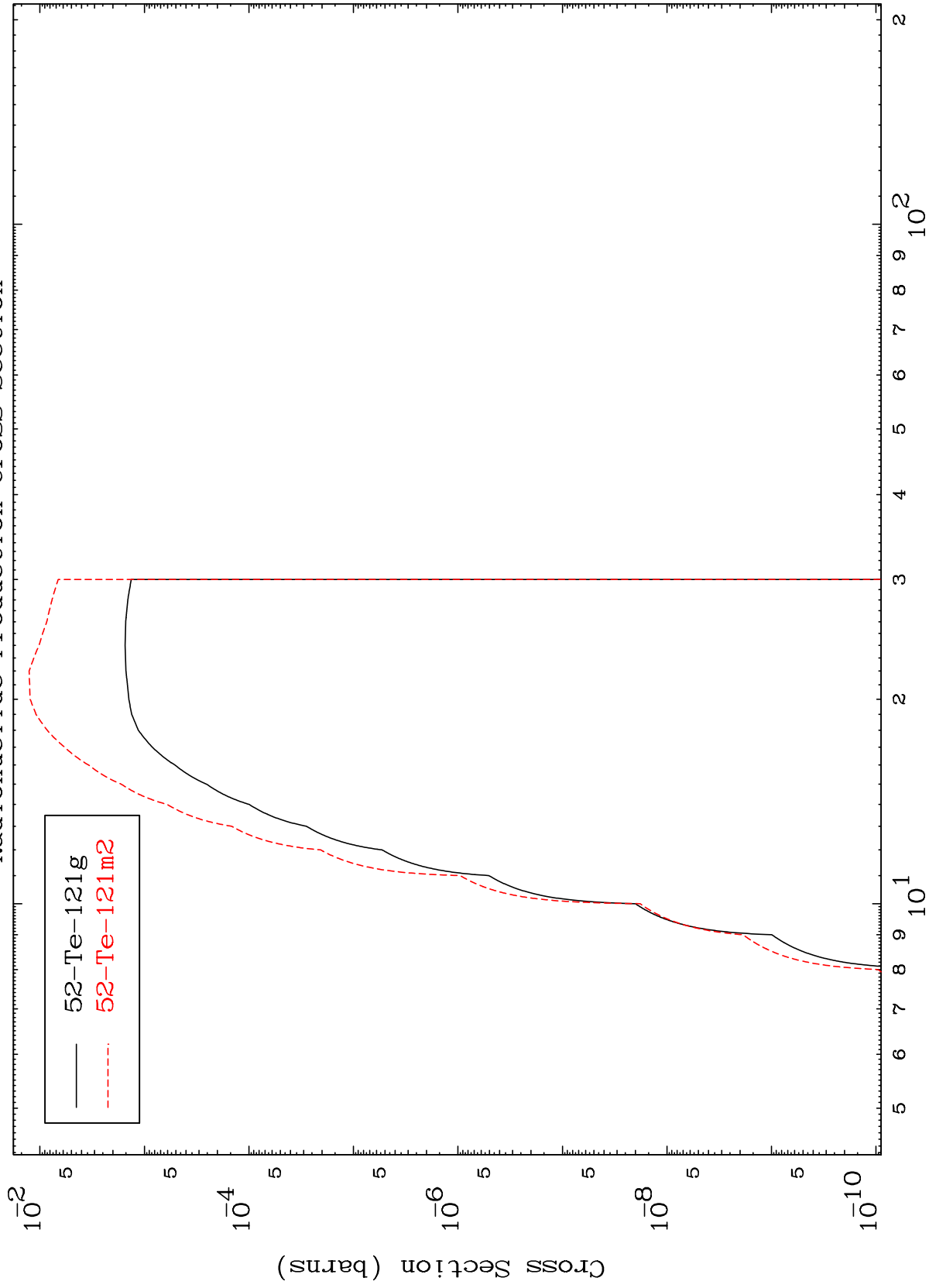
Incident Energy (MeV)

51-Sb-118

MAT 5117

51-Sb-118

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



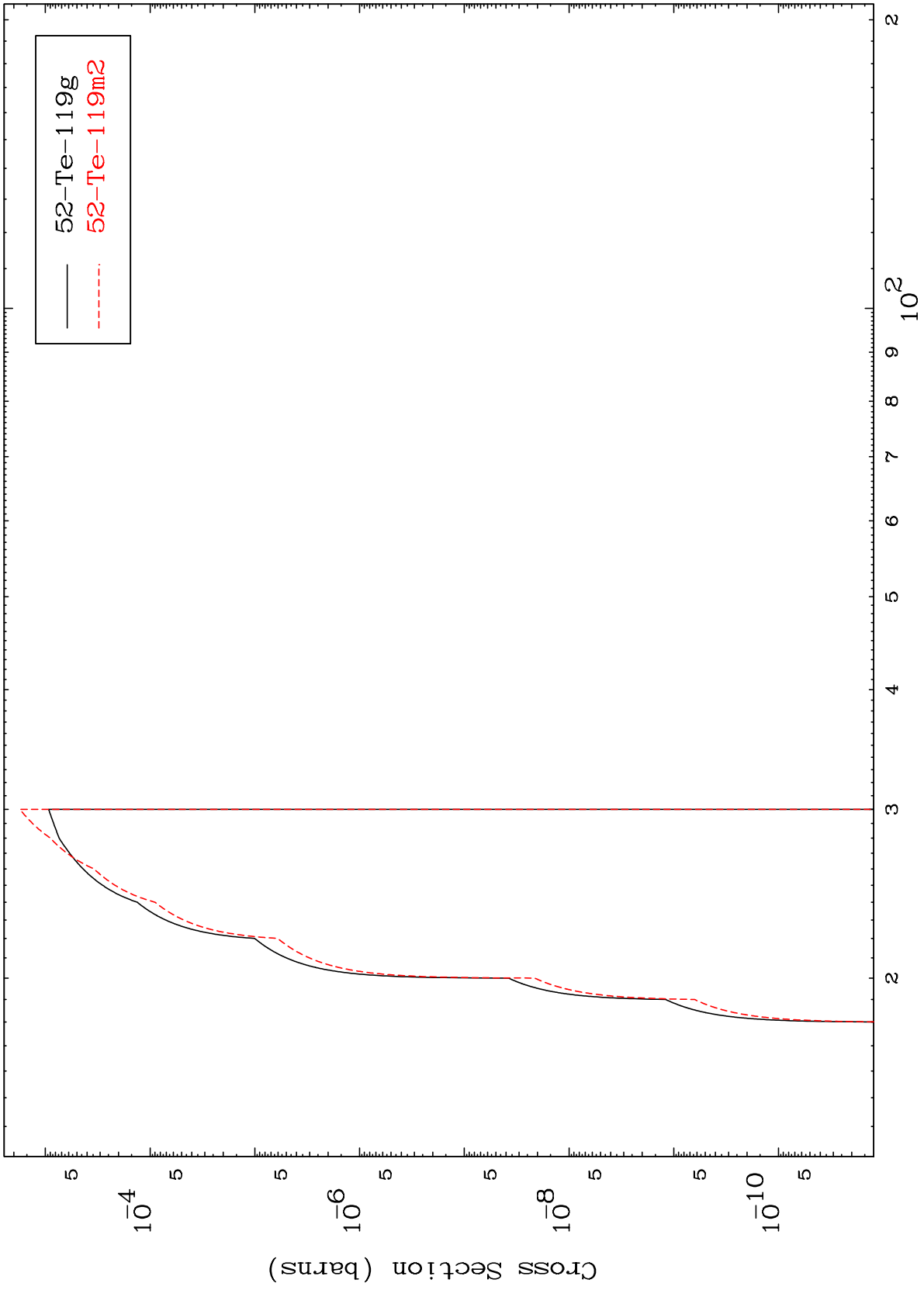
17

51-Sb-118

MAT 5117

51-Sb-118

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



18

Incident Energy (MeV)

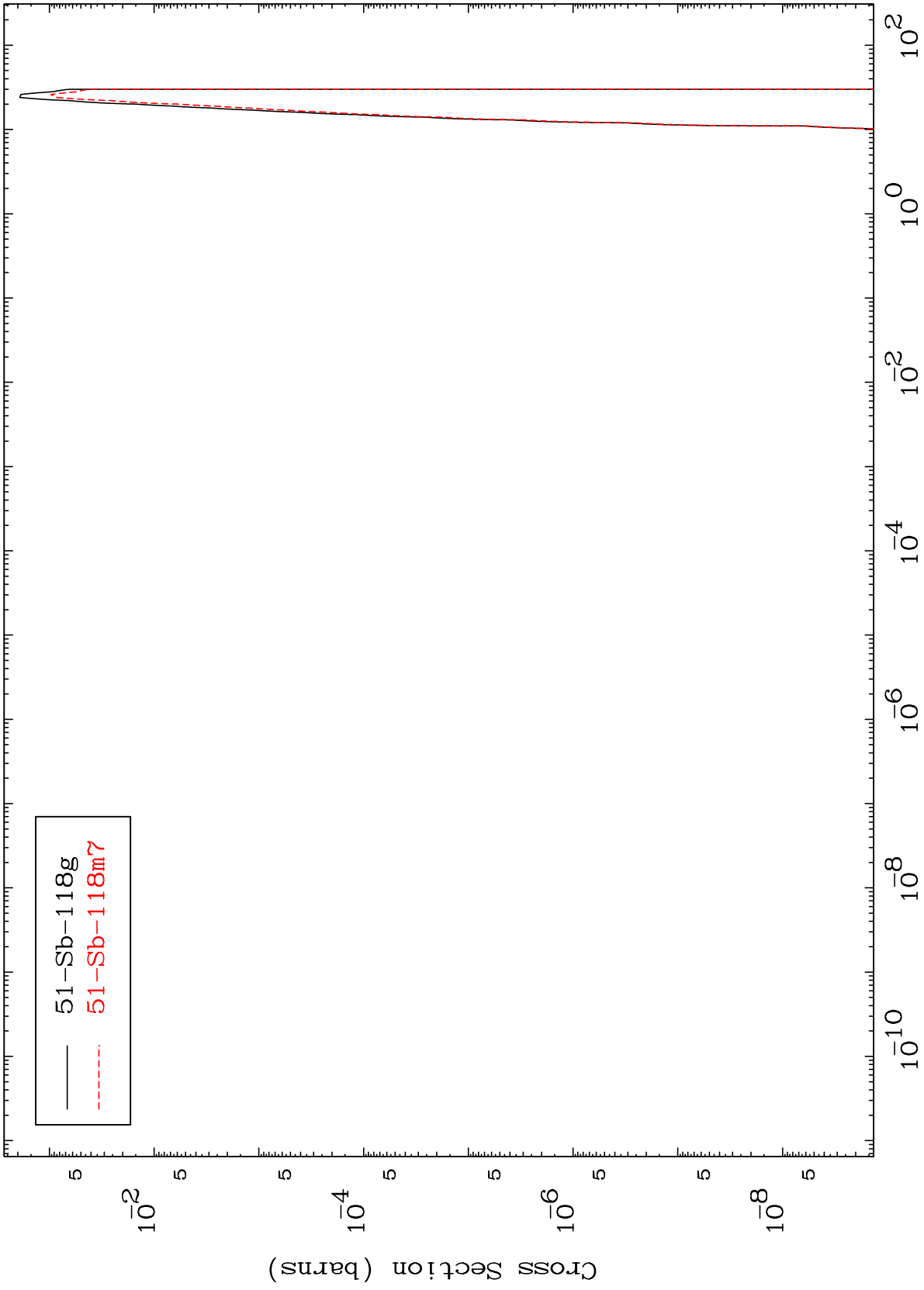
51-Sb-118

MAT 5117

( $\alpha, \alpha$ )

51-Sb-118

Radionuclide Production Cross Section

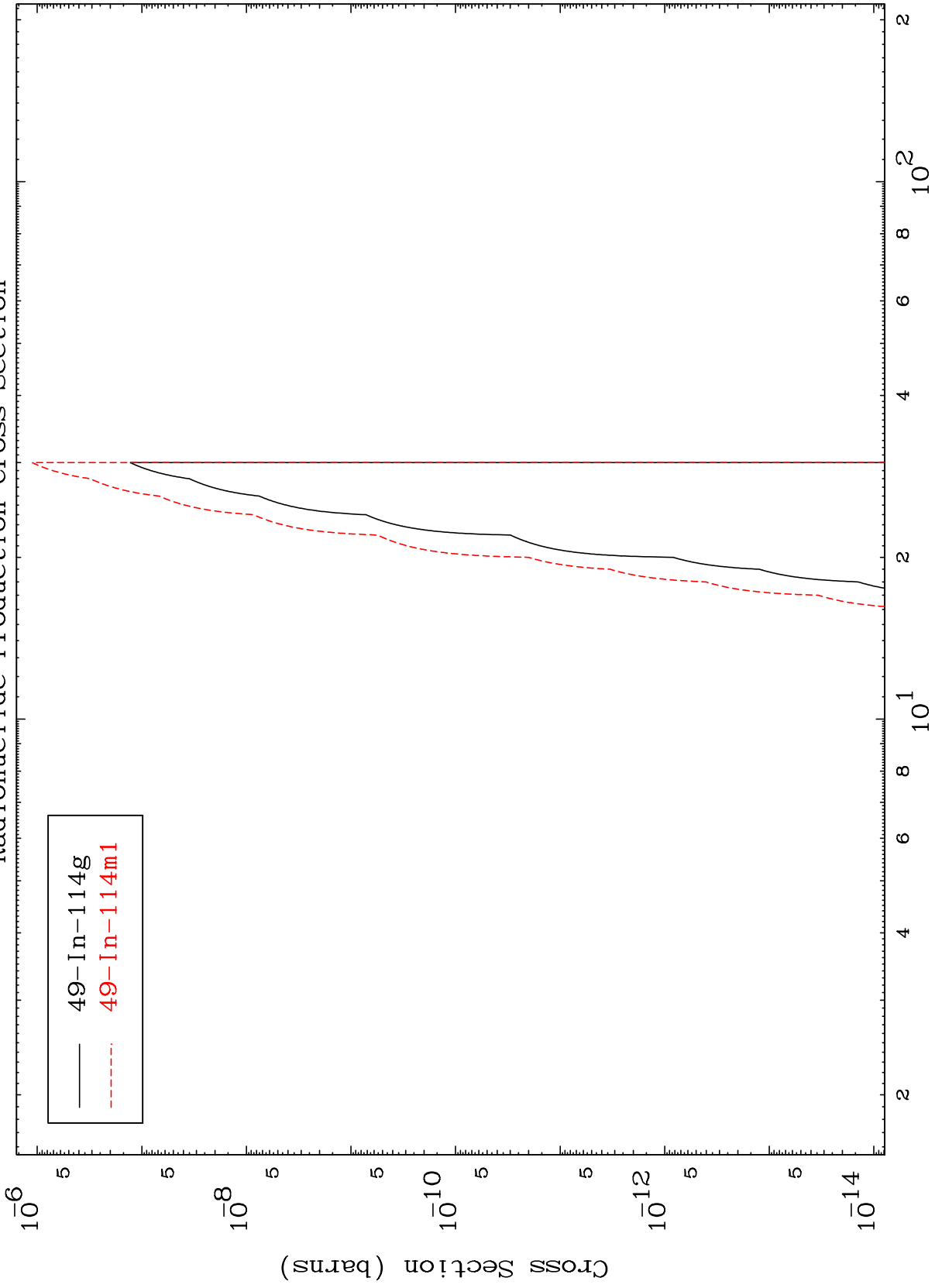


MAT 5117

( $\alpha, 2\alpha$ )

51-Sb-118

Radionuclide Production Cross Section



20

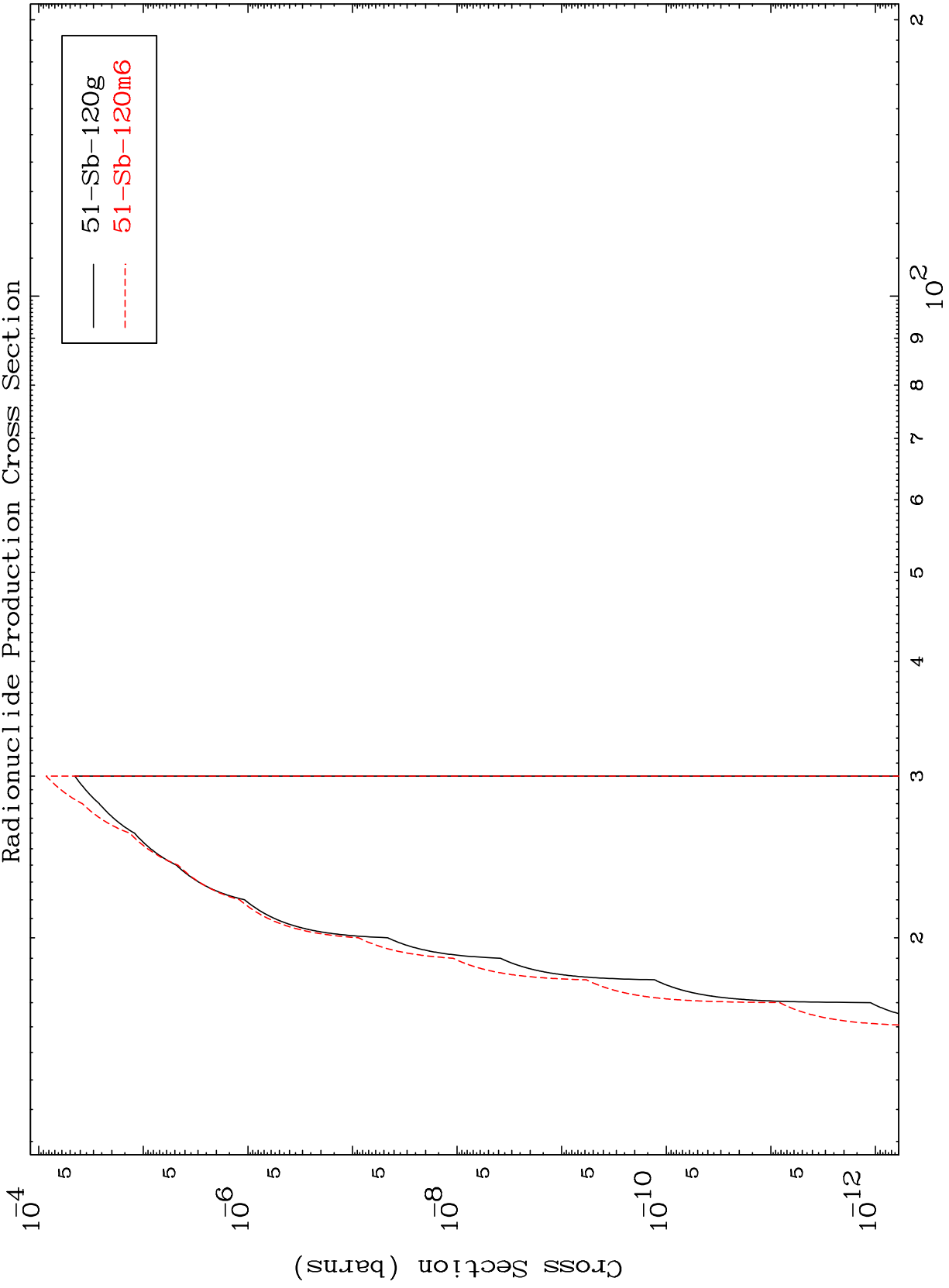
Incident Energy (MeV)

51-Sb-118

MAT 51117

51-Sb-118

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



21

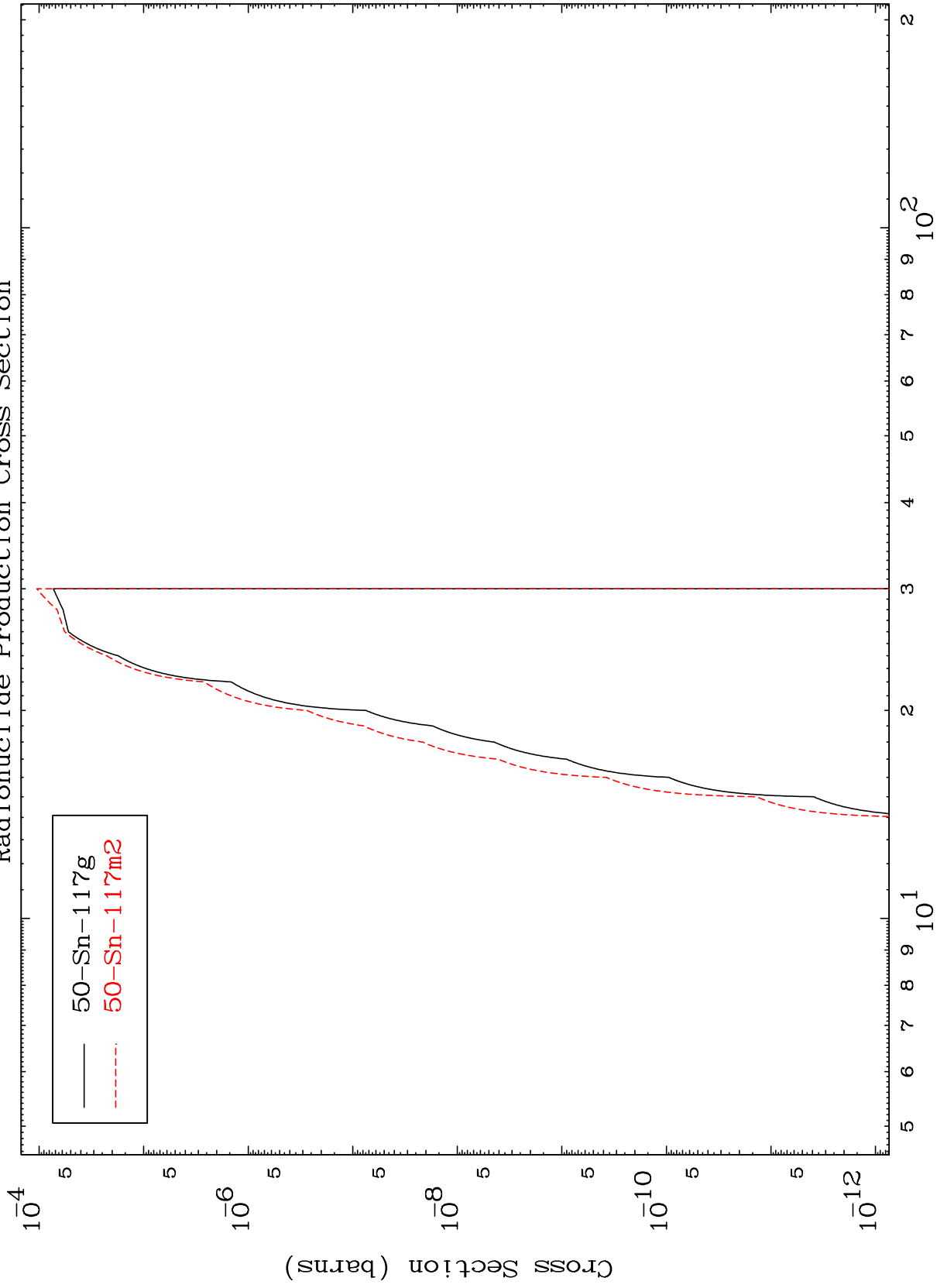
Incident Energy (MeV)

51-Sb-118

MAT 5117

51-Sb-118

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



22

Incident Energy (MeV)

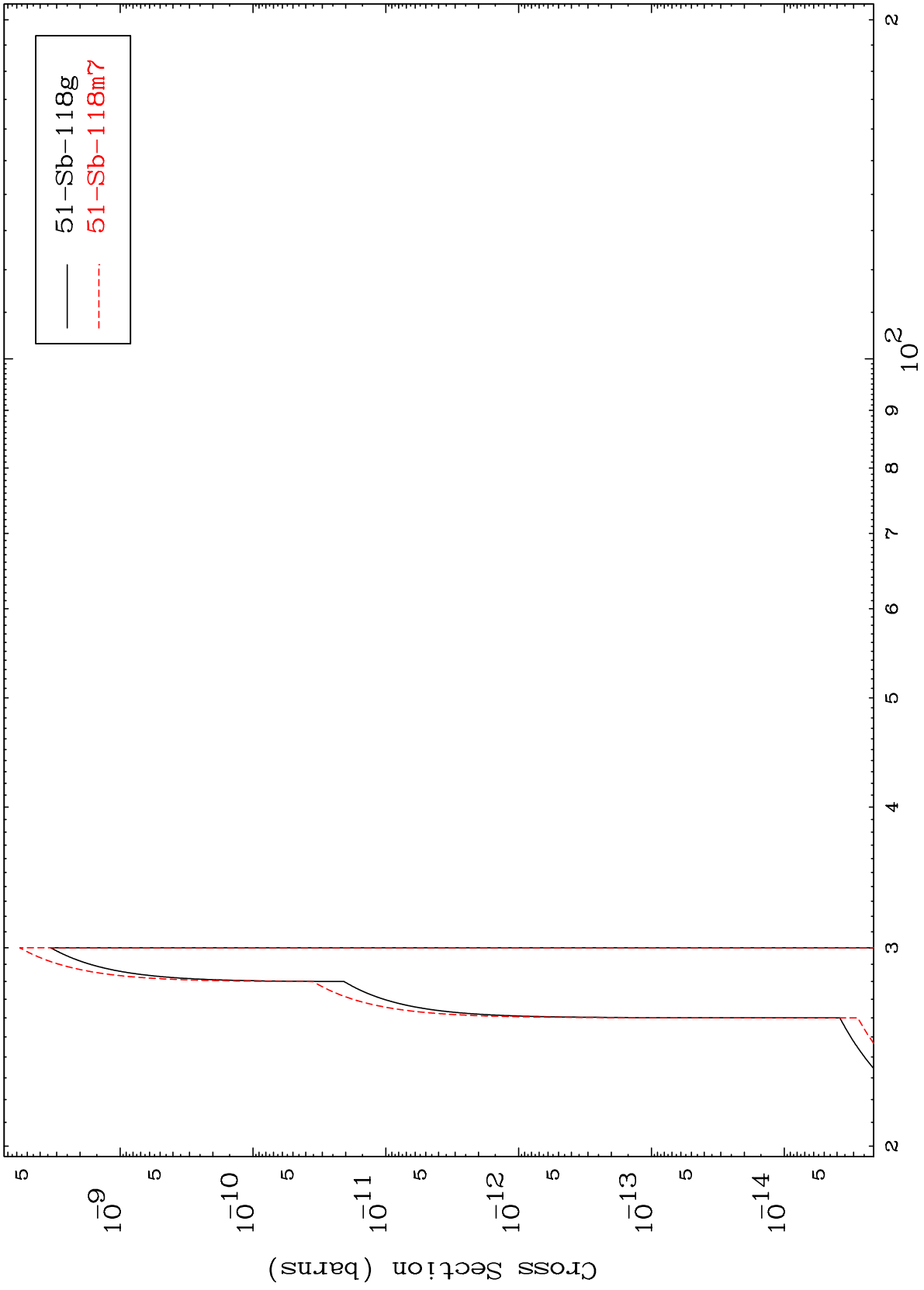
51-Sb-118

MAT 5117

( $\alpha, p$ ) t

51-Sb-118

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-118