

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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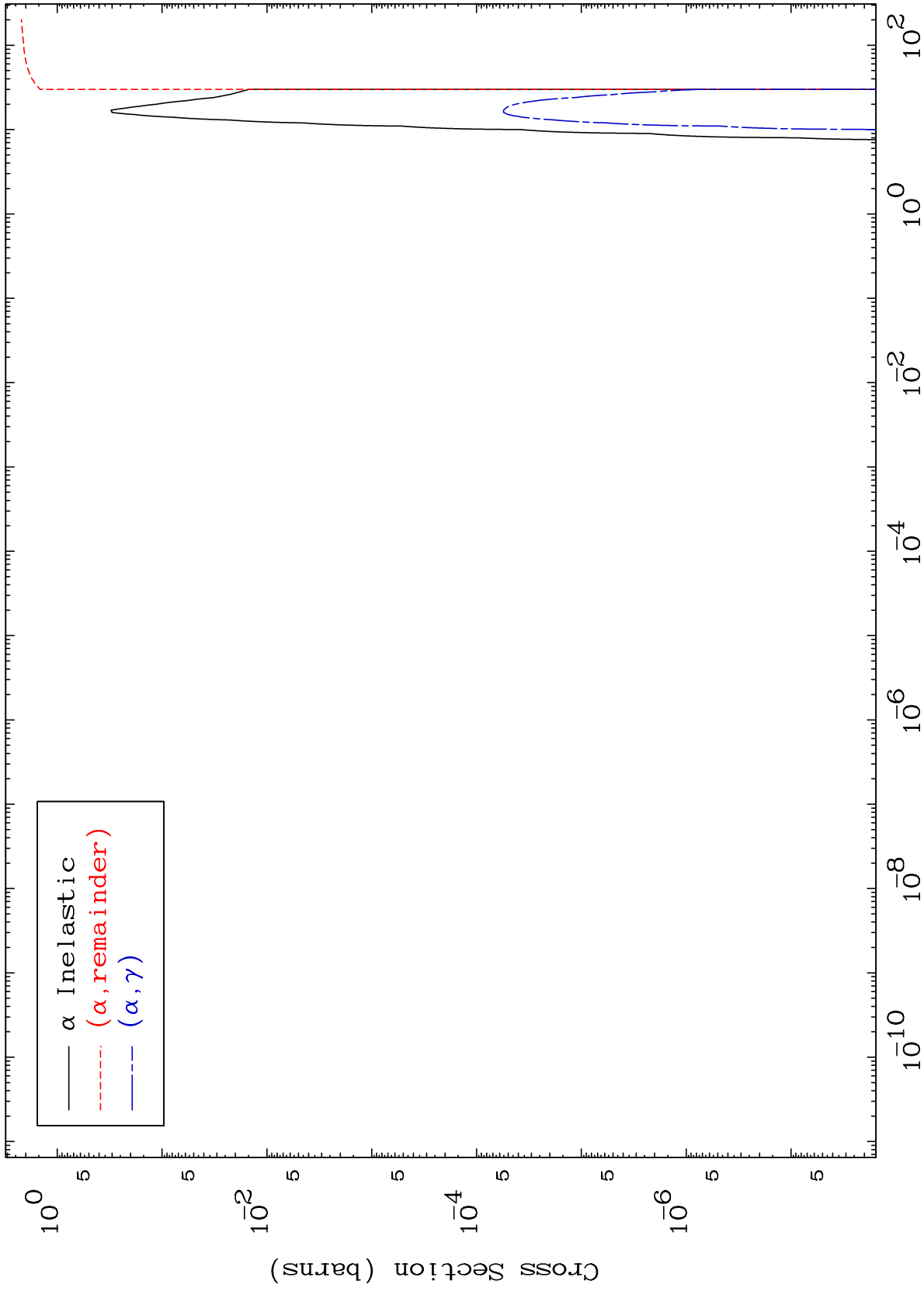
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5046

0 Kelvin  $\alpha$  Major

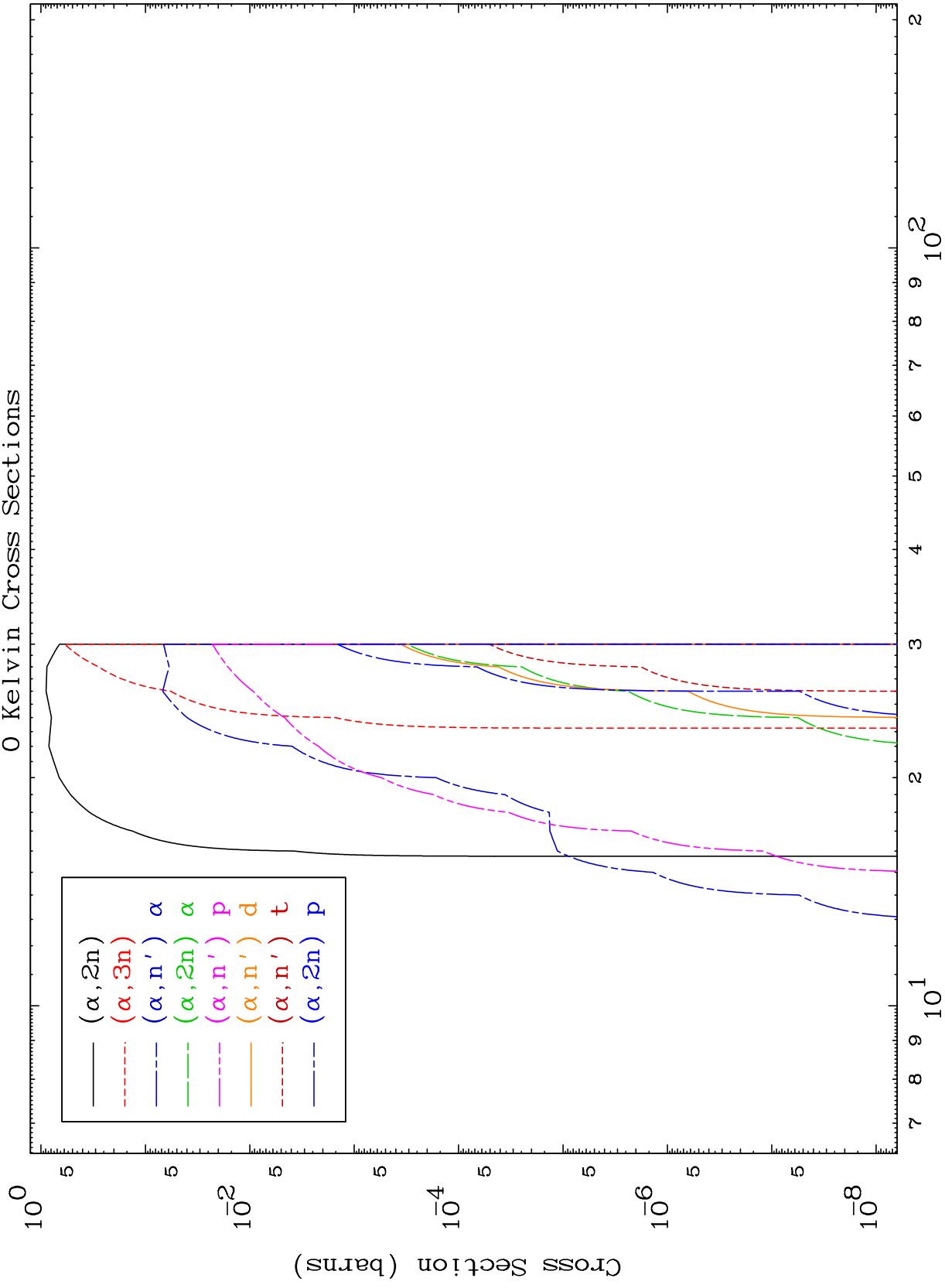
50-Sn-119



MAT 5046

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

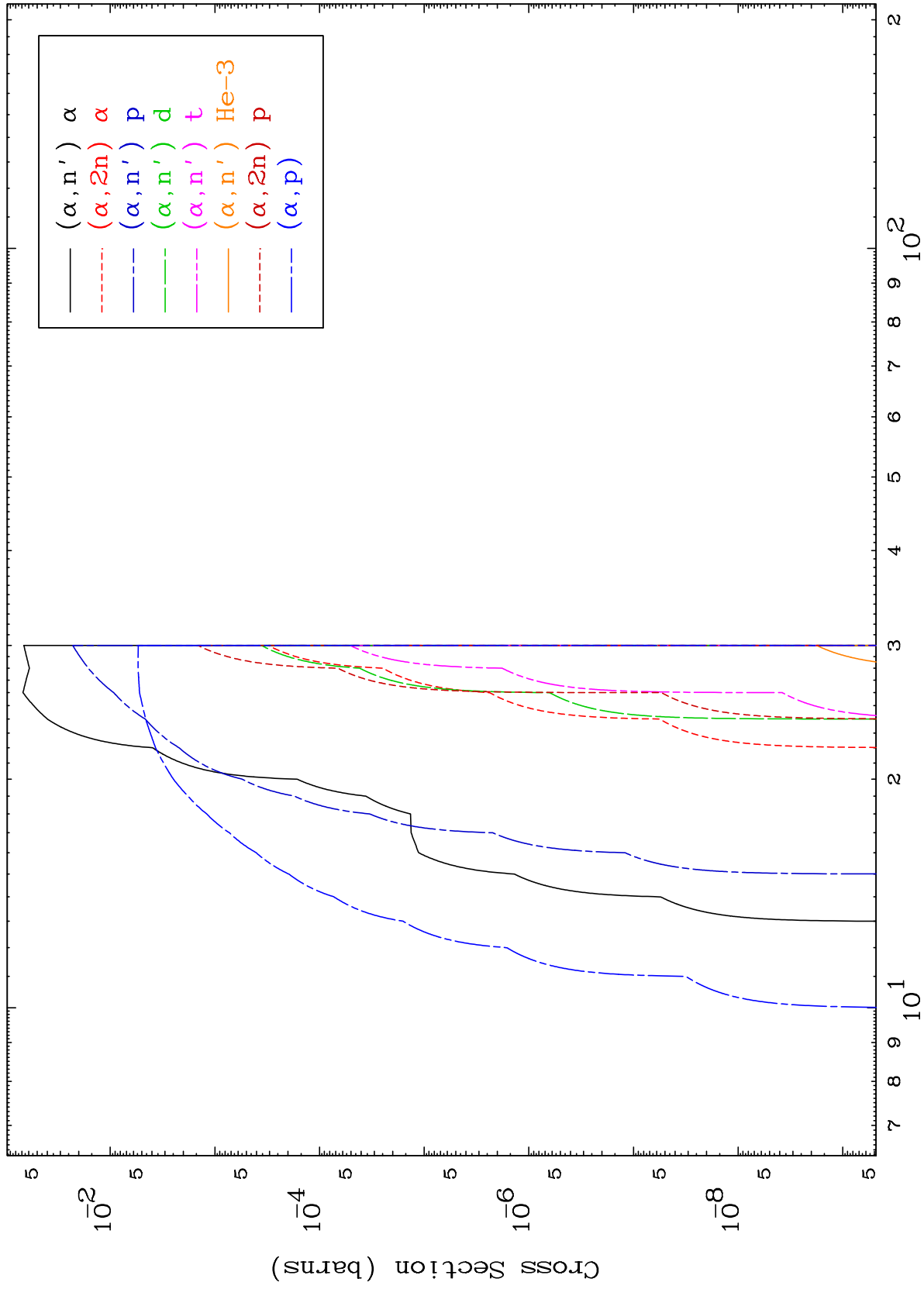
50-Sn-119

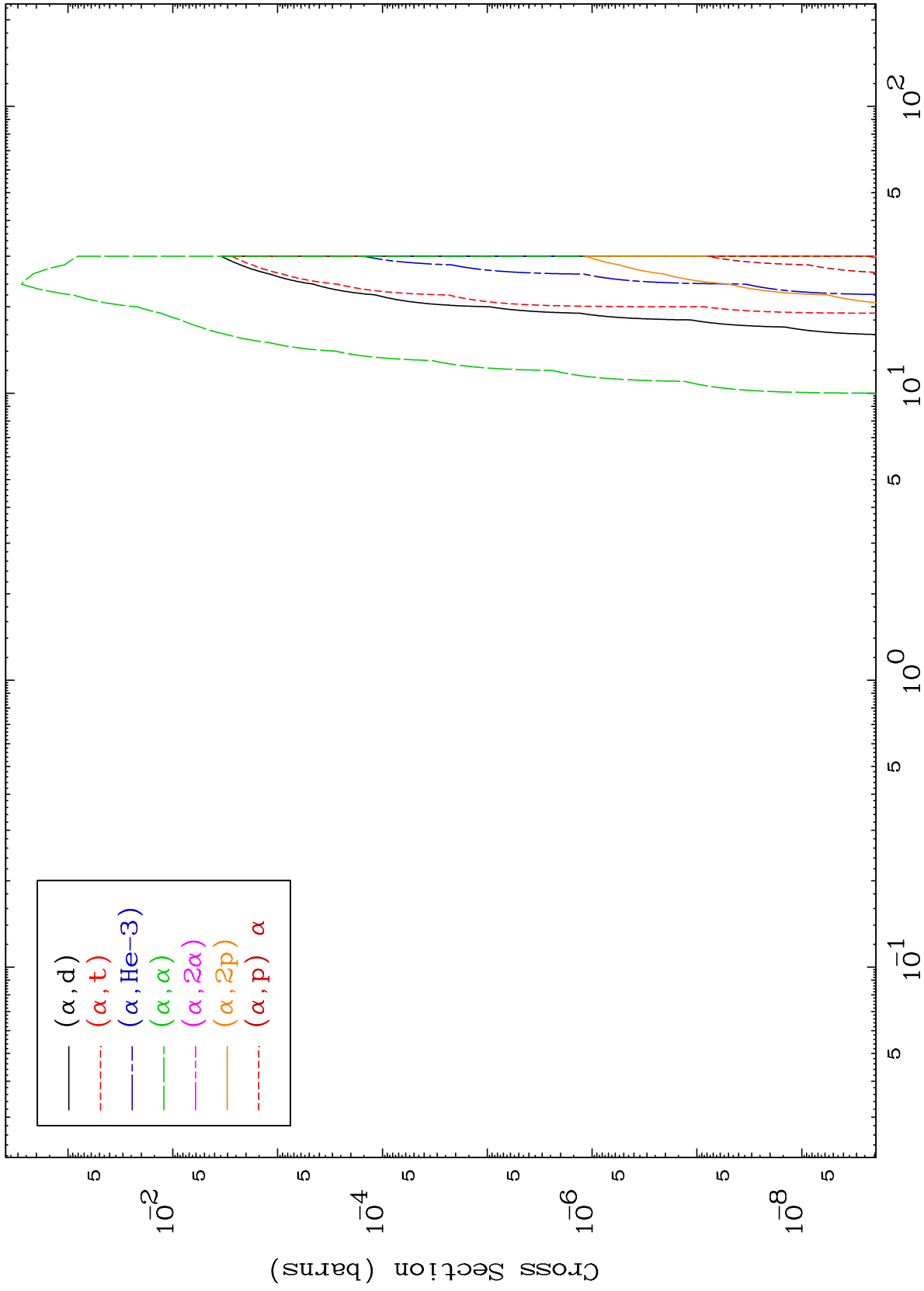


2

Incident Energy (MeV)

50-Sn-119

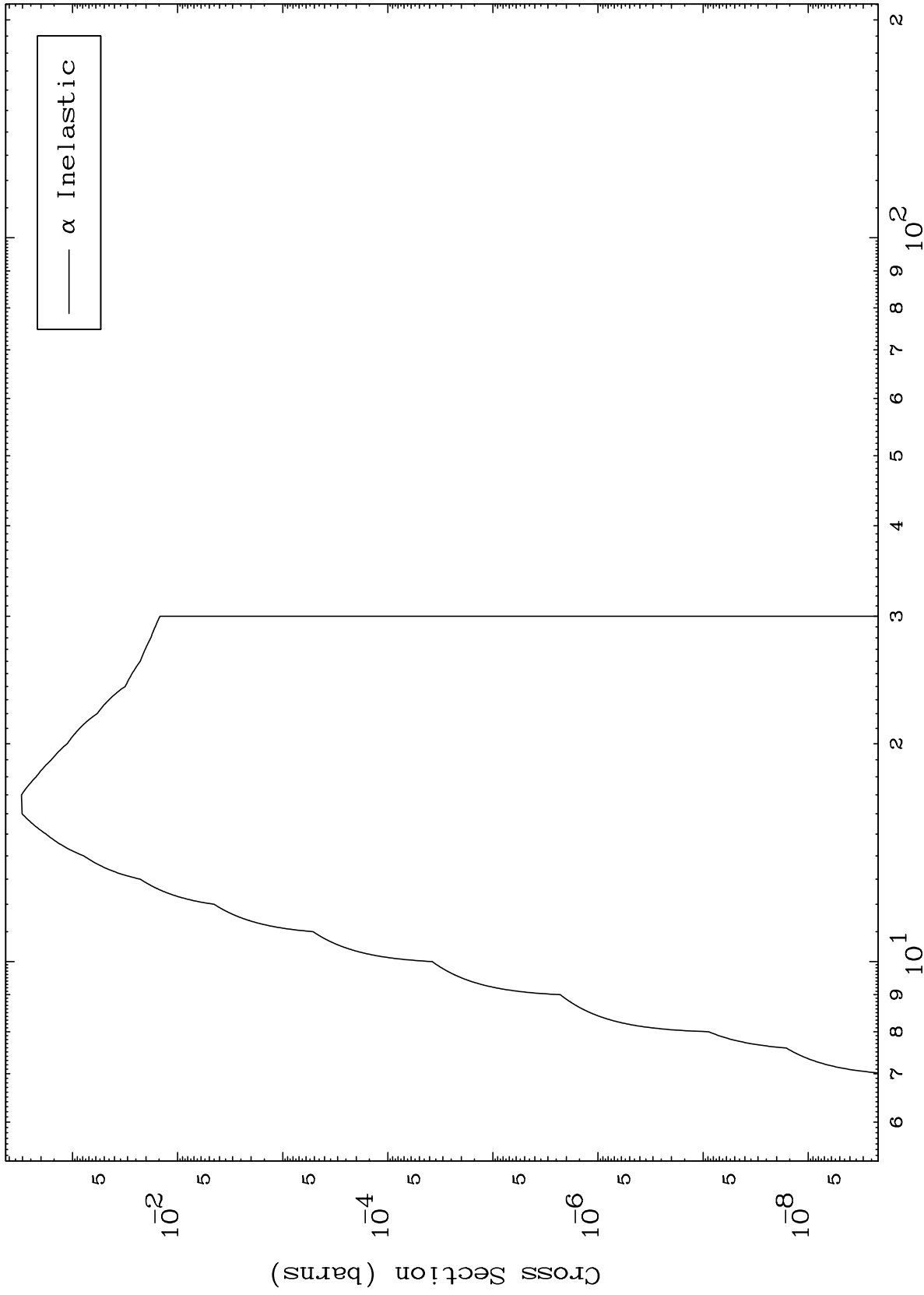




MAT 5046

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

50-Sn-119



5

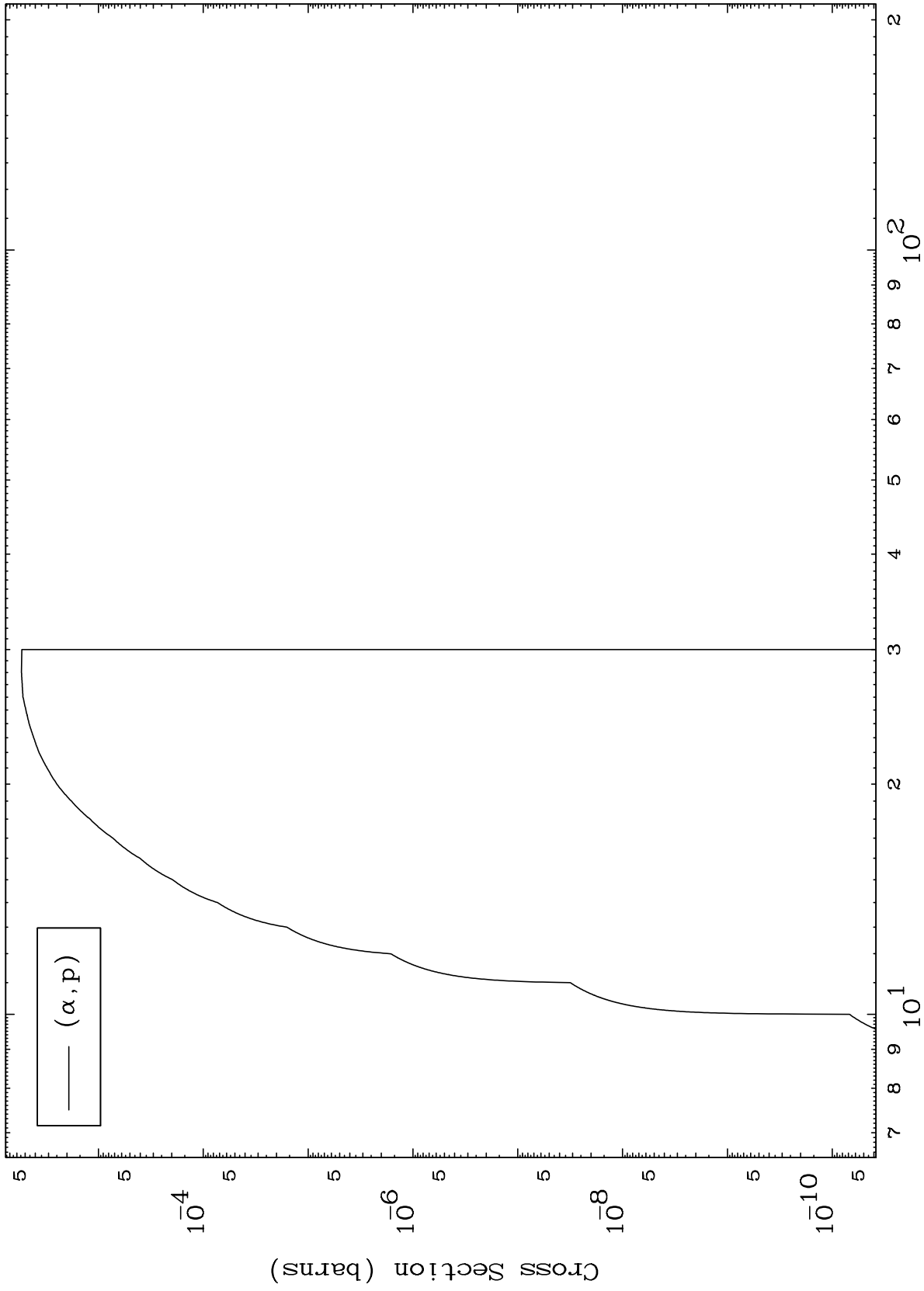
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

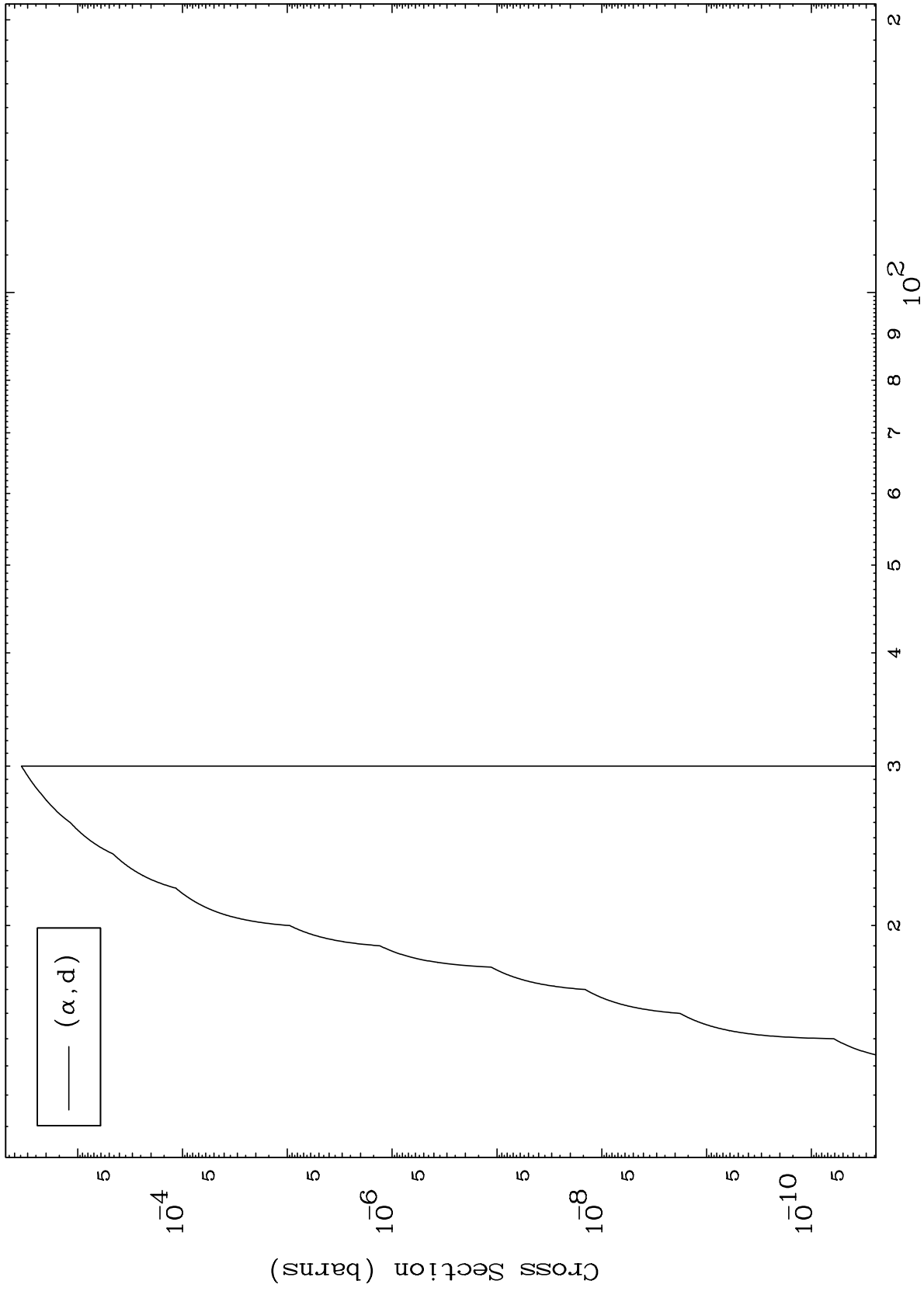
50-Sn-119



MAT 5046

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

50-Sn-119



7

Incident Energy (MeV)

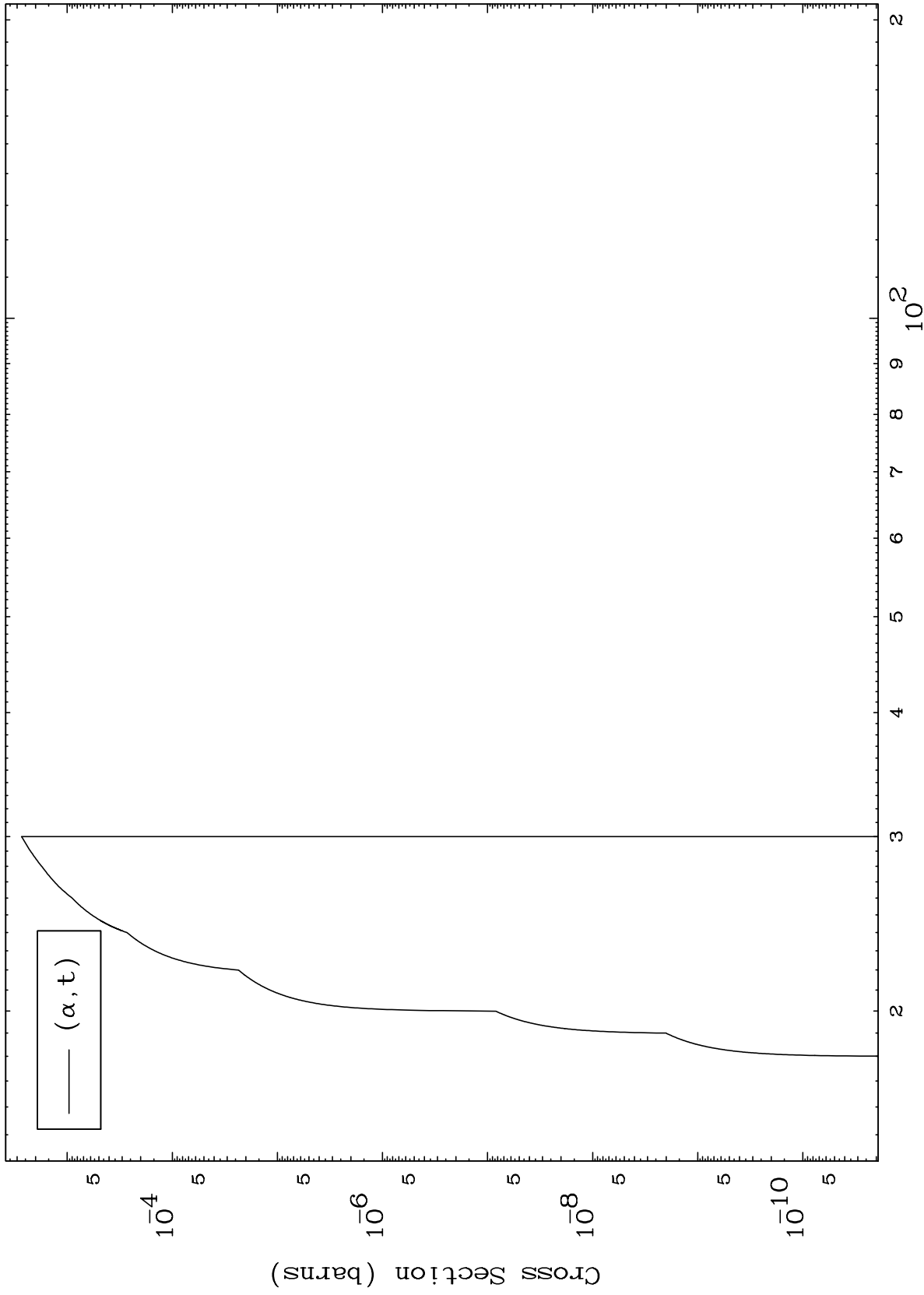
50-Sn-119



MAT 5046

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

50-Sn-119



8

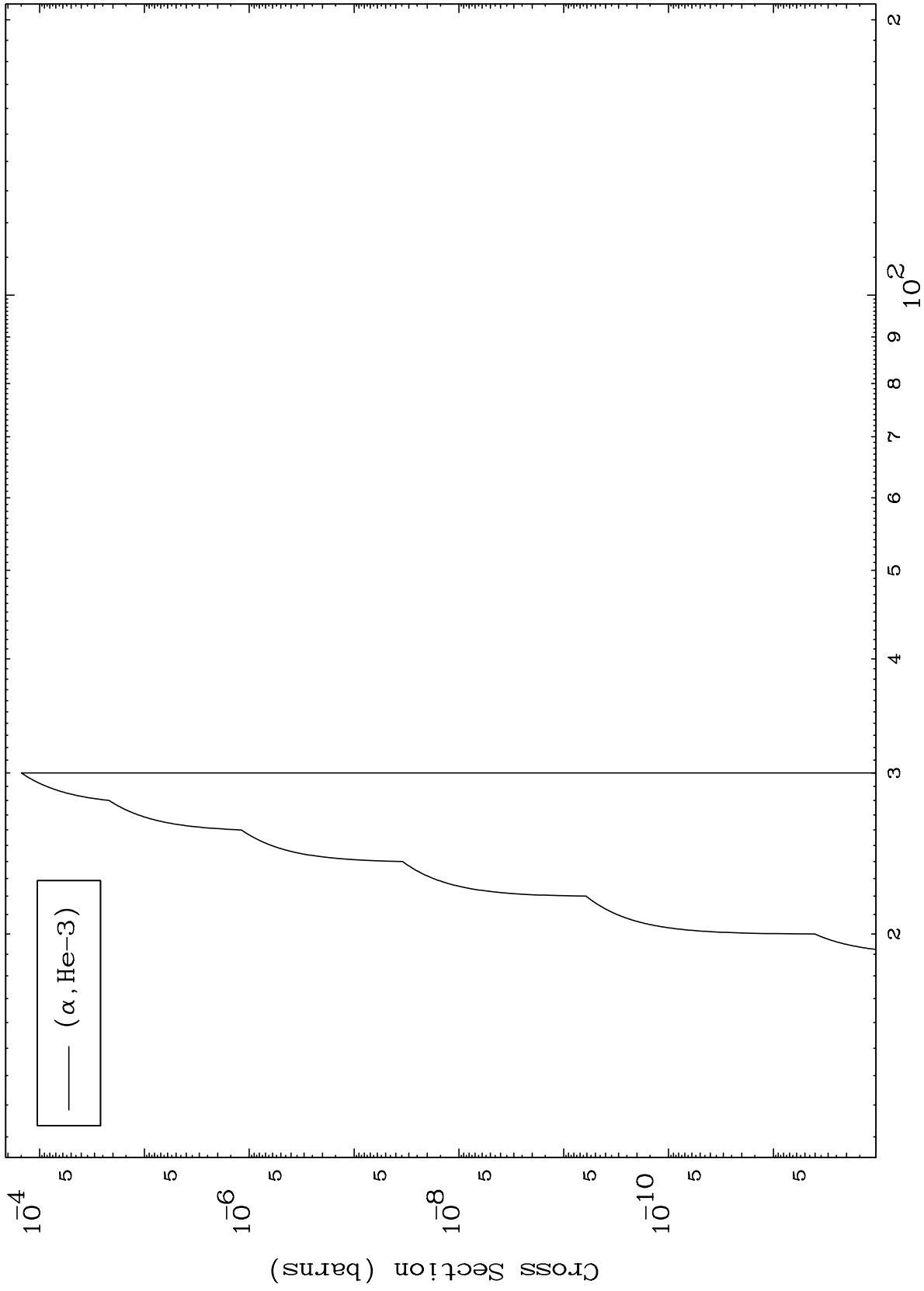
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

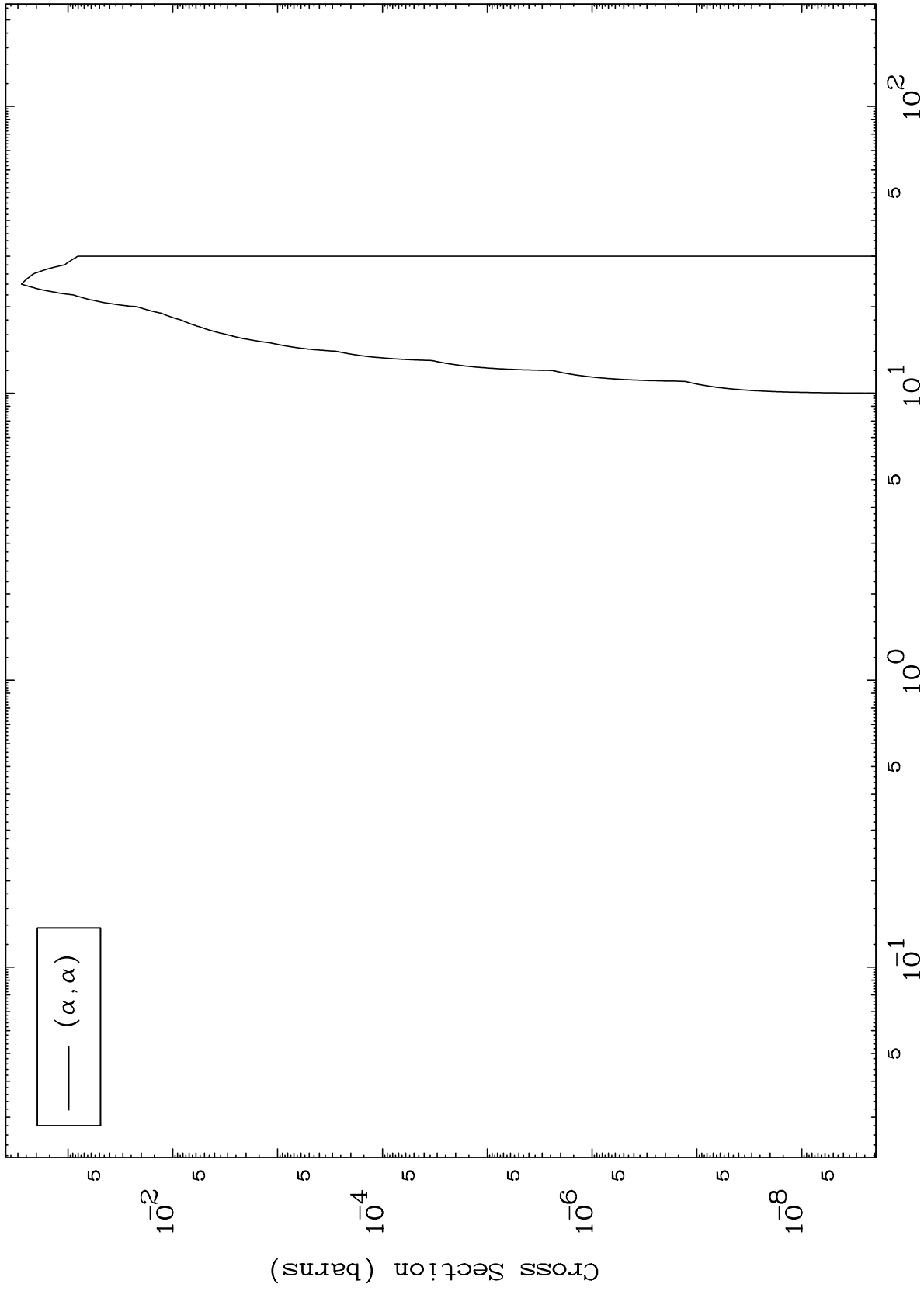
50-Sn-119



MAT 5046

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

50-Sn-119



10

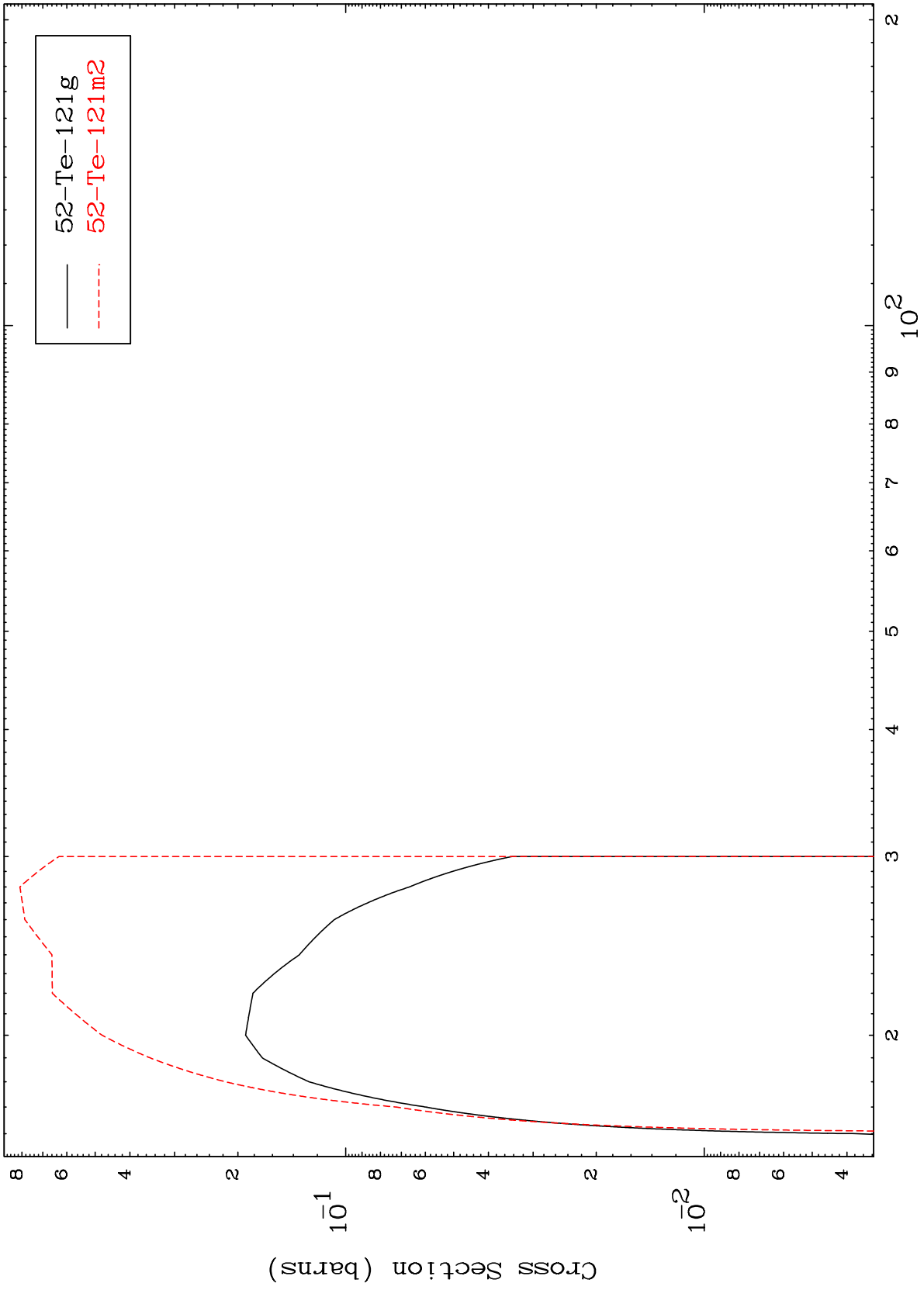
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

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



— 52-Te-121g  
- - - 52-Te-121m2

11

Incident Energy (MeV)

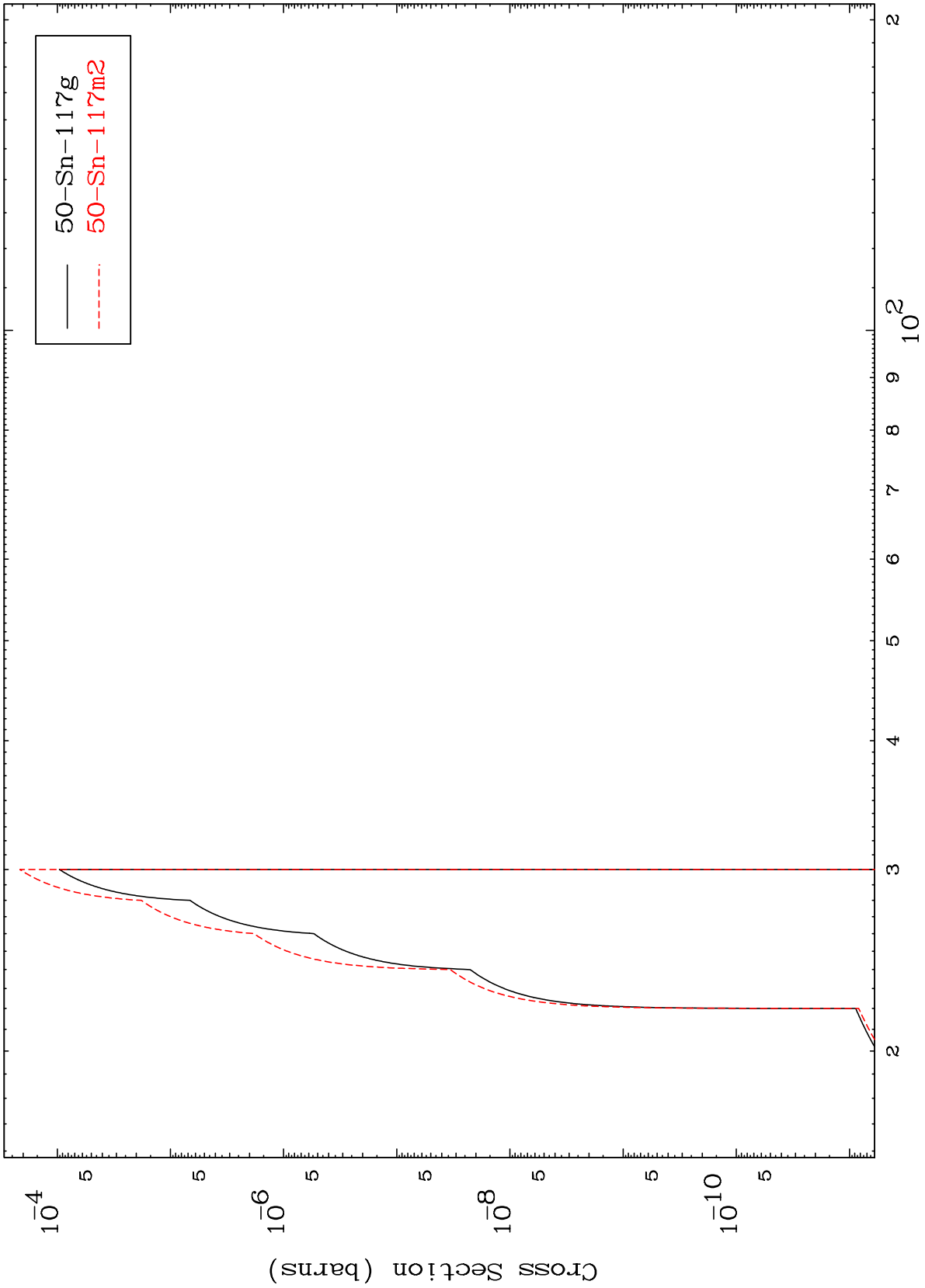
50-Sn-119

MAT 5046

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

50-Sn-119

Radionuclide Production Cross Section



12

Incident Energy (MeV)

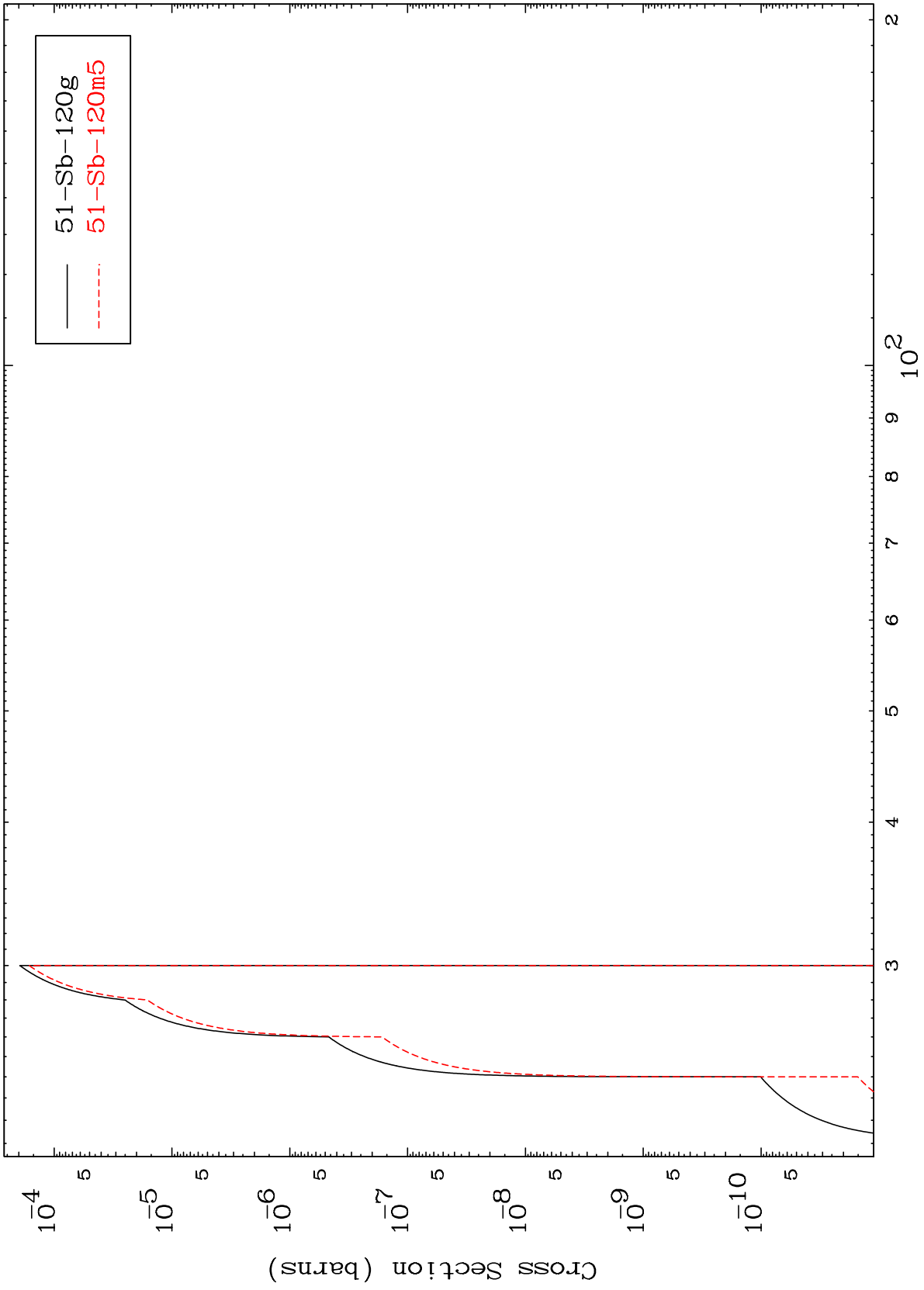
50-Sn-119

MAT 5046

( $\alpha, n'$ ) d

50-Sn-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

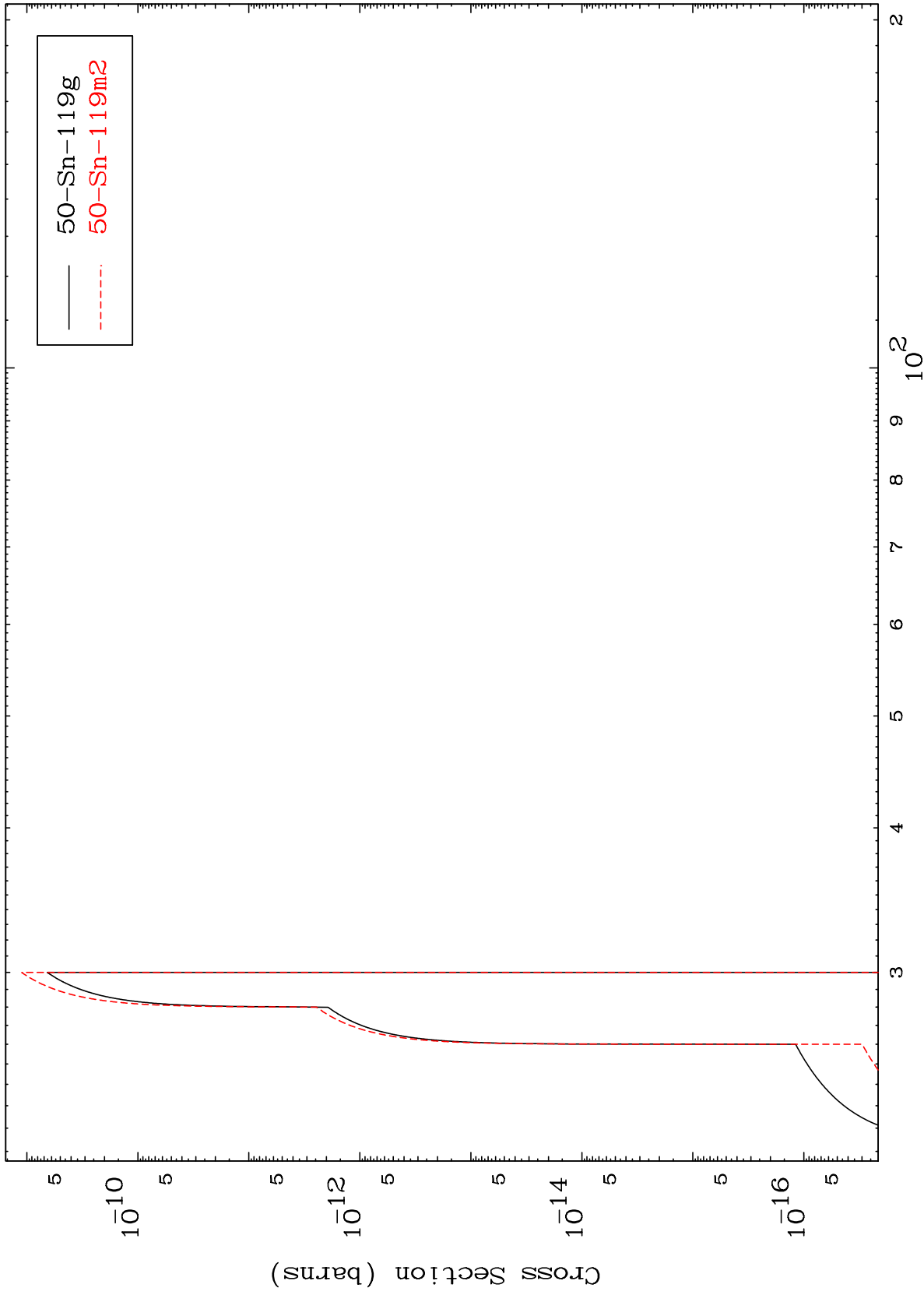
50-Sn-119

MAT 5046

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

50-Sn-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

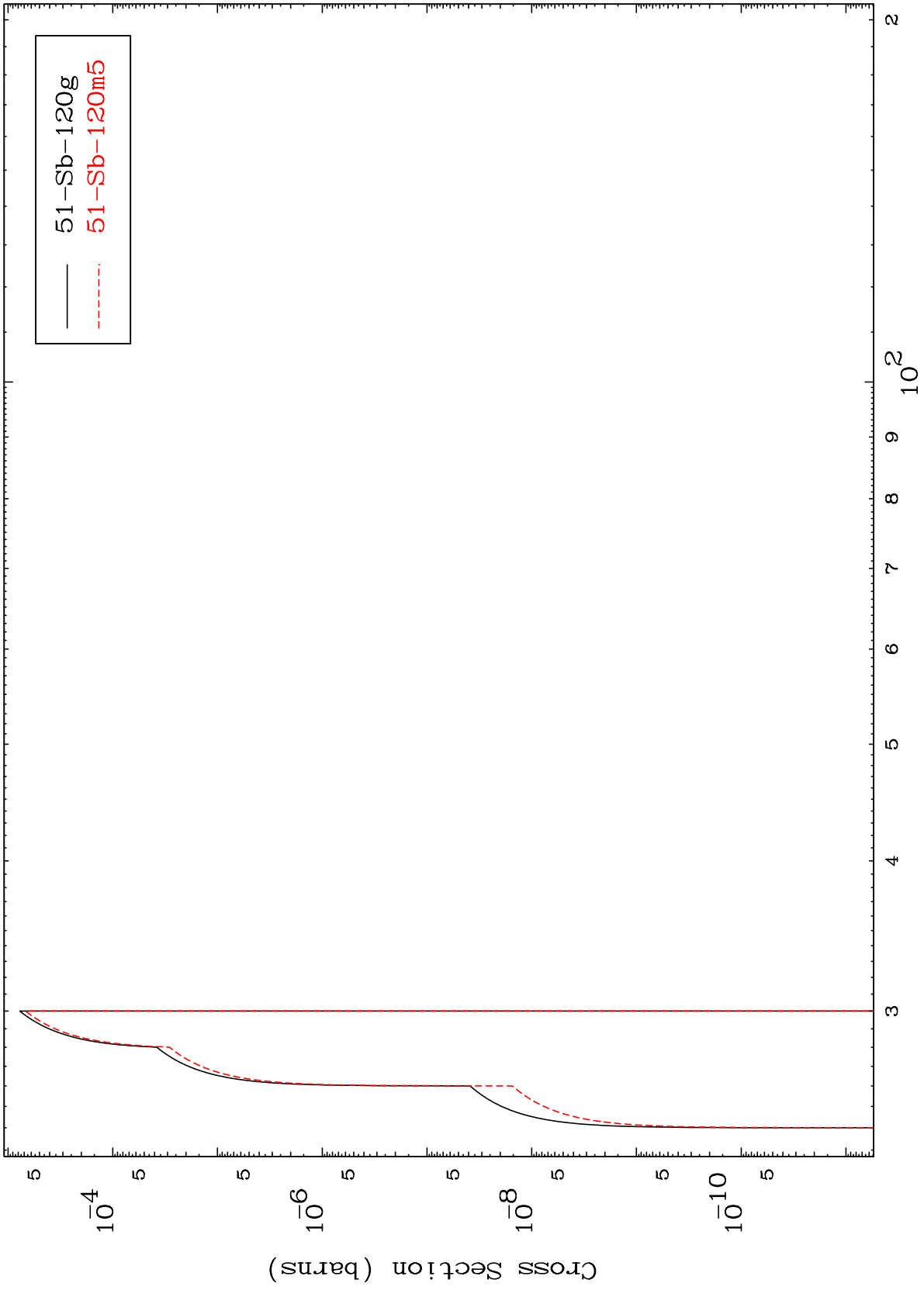
50-Sn-119

MAT 5046

( $\alpha, 2n$ ) p

50-Sn-119

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-119

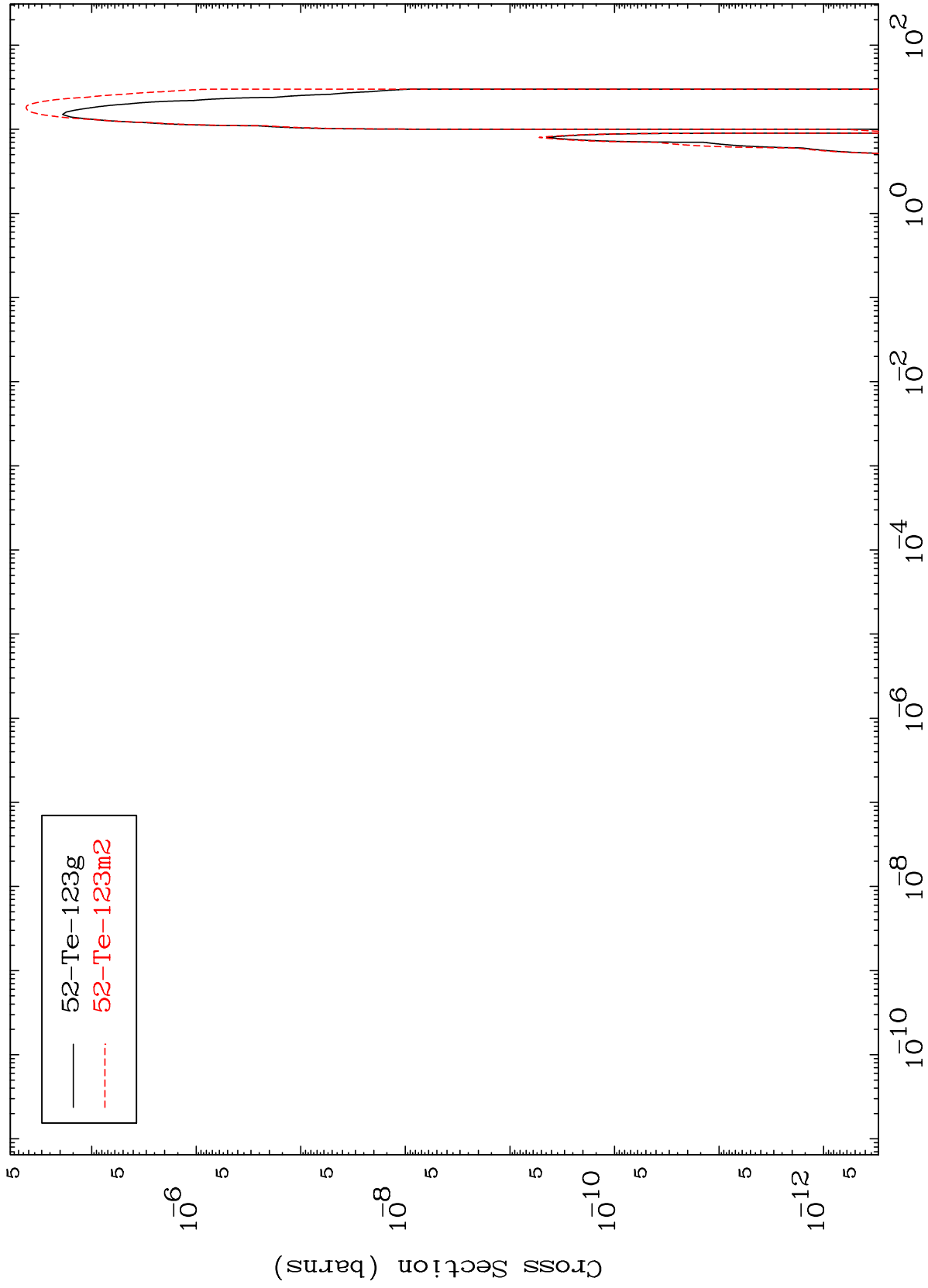


MAT 5046

( $\alpha, \gamma$ )

50-Sn-119

Radionuclide Production Cross Section



16

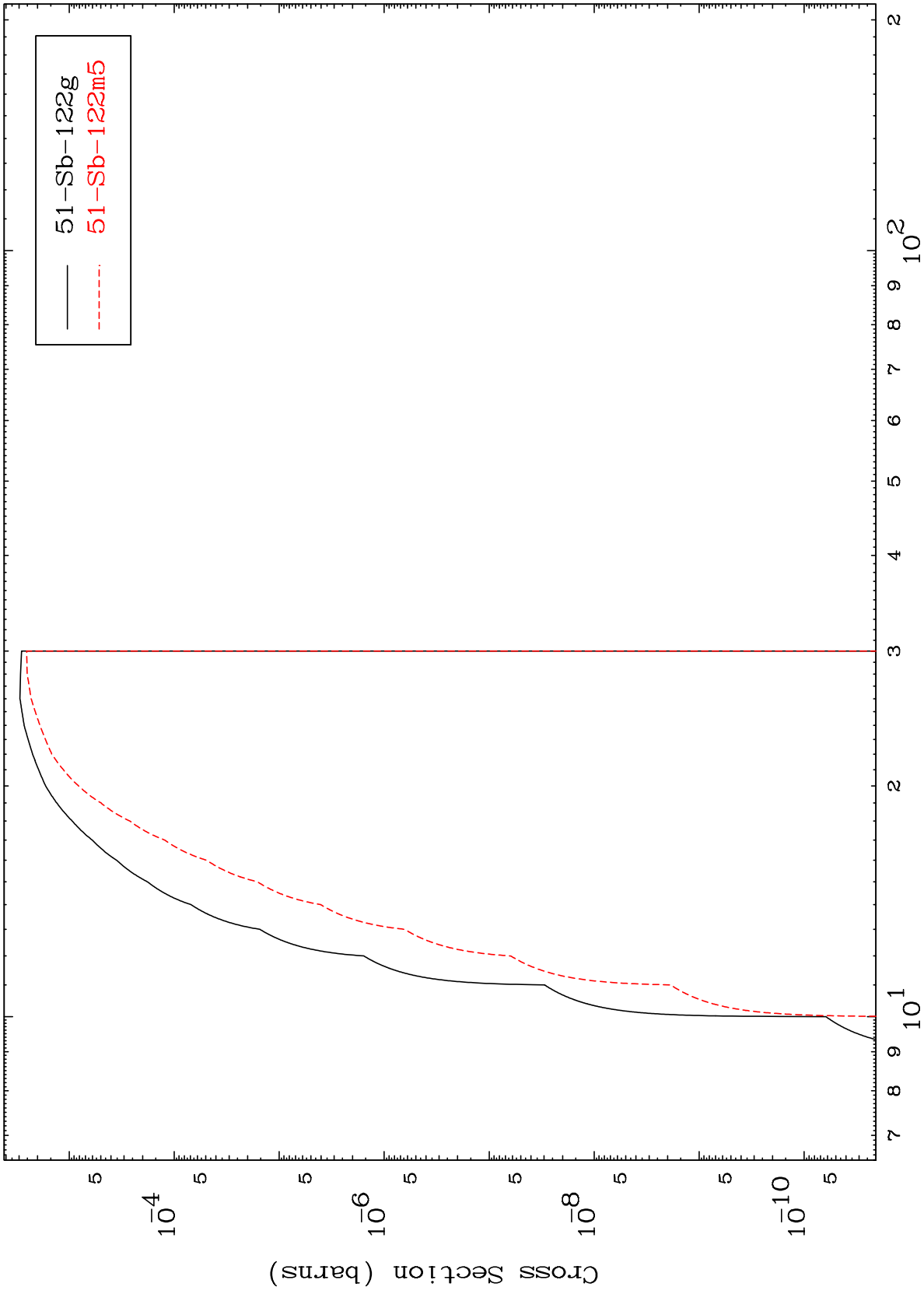
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

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



17

Incident Energy (MeV)

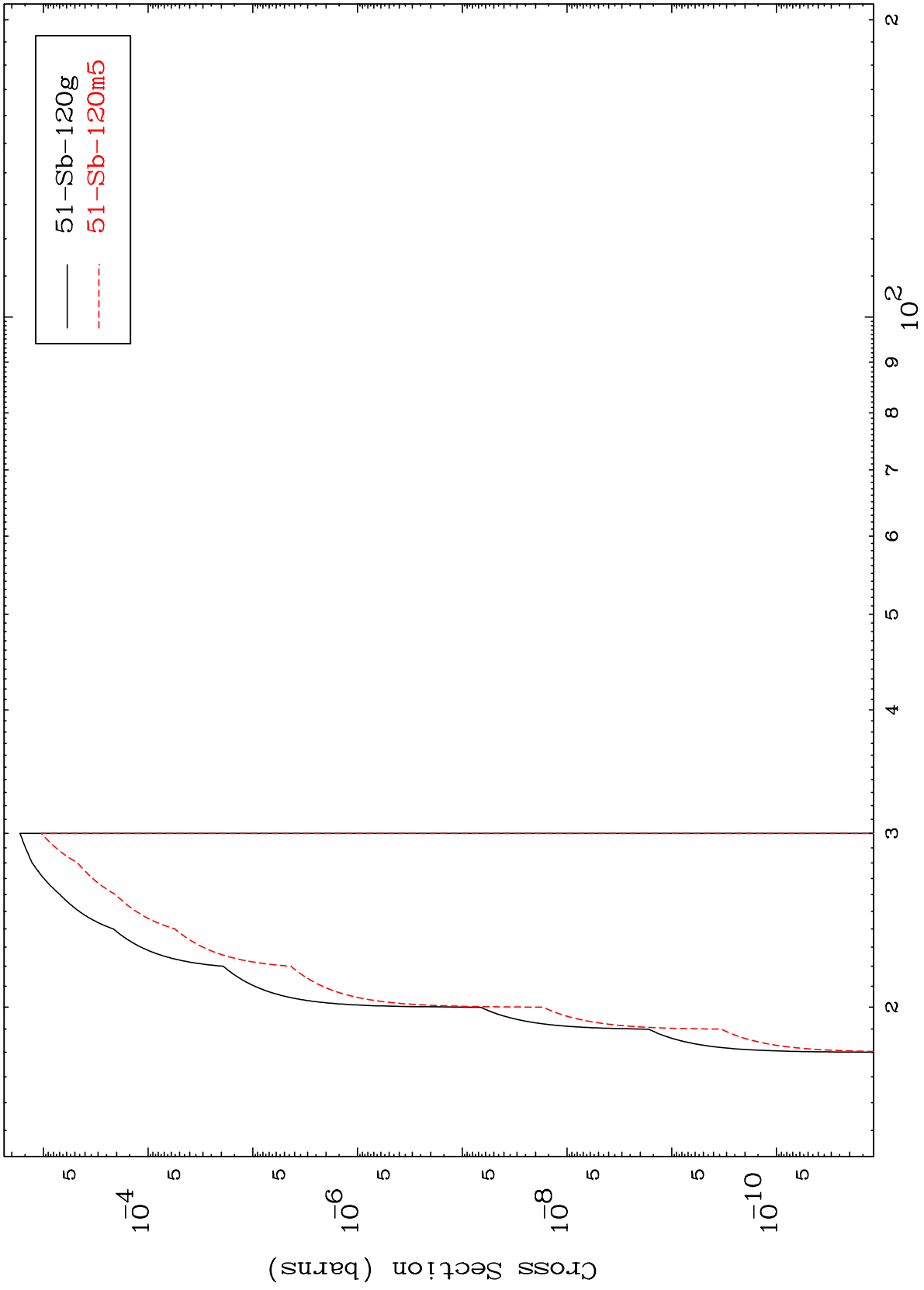
50-Sn-119

MAT 5046

( $\alpha, t$ )

50-Sn-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

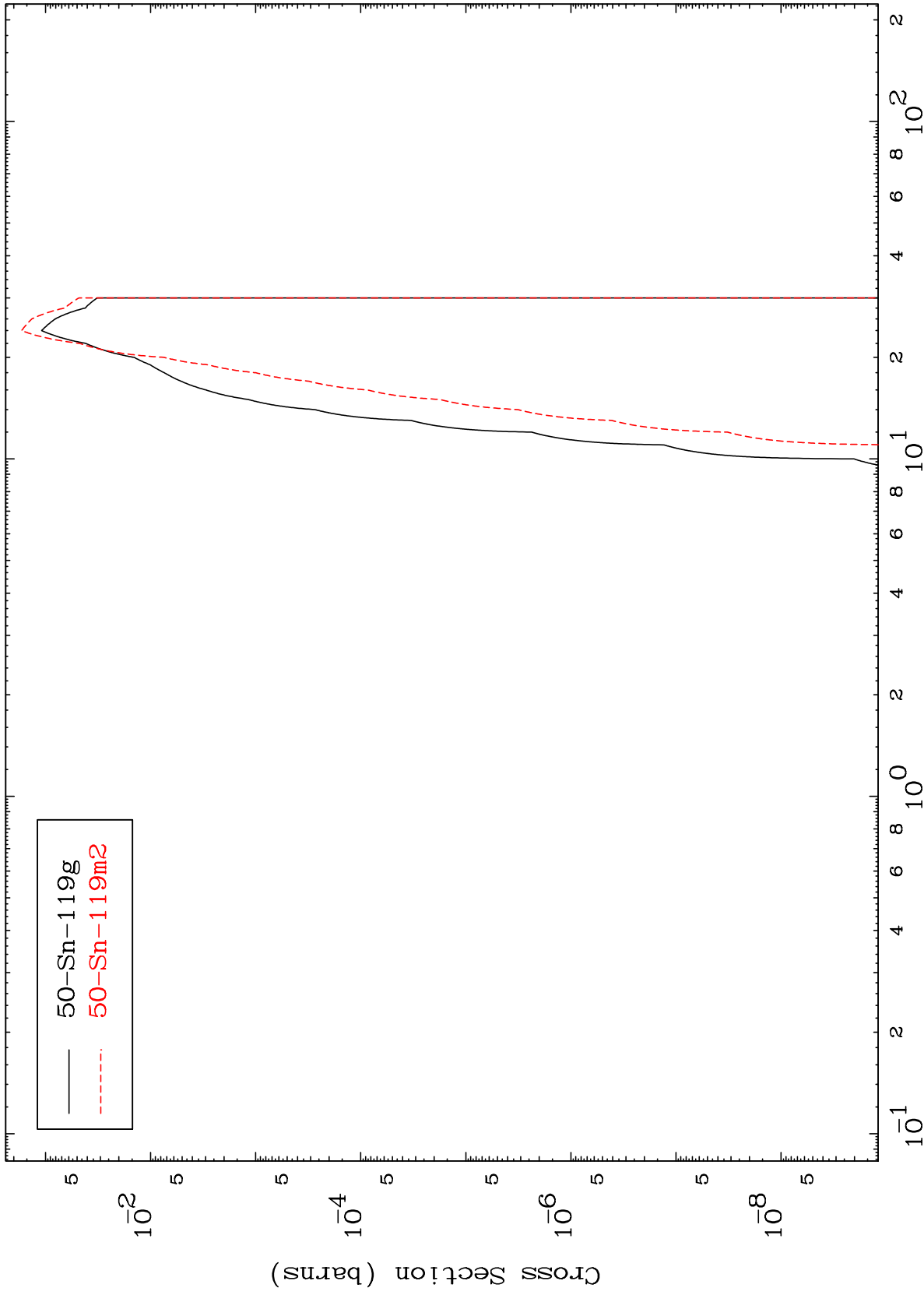
50-Sn-119

MAT 5046

( $\alpha, \alpha$ )

50-Sn-119

Radionuclide Production Cross Section



19

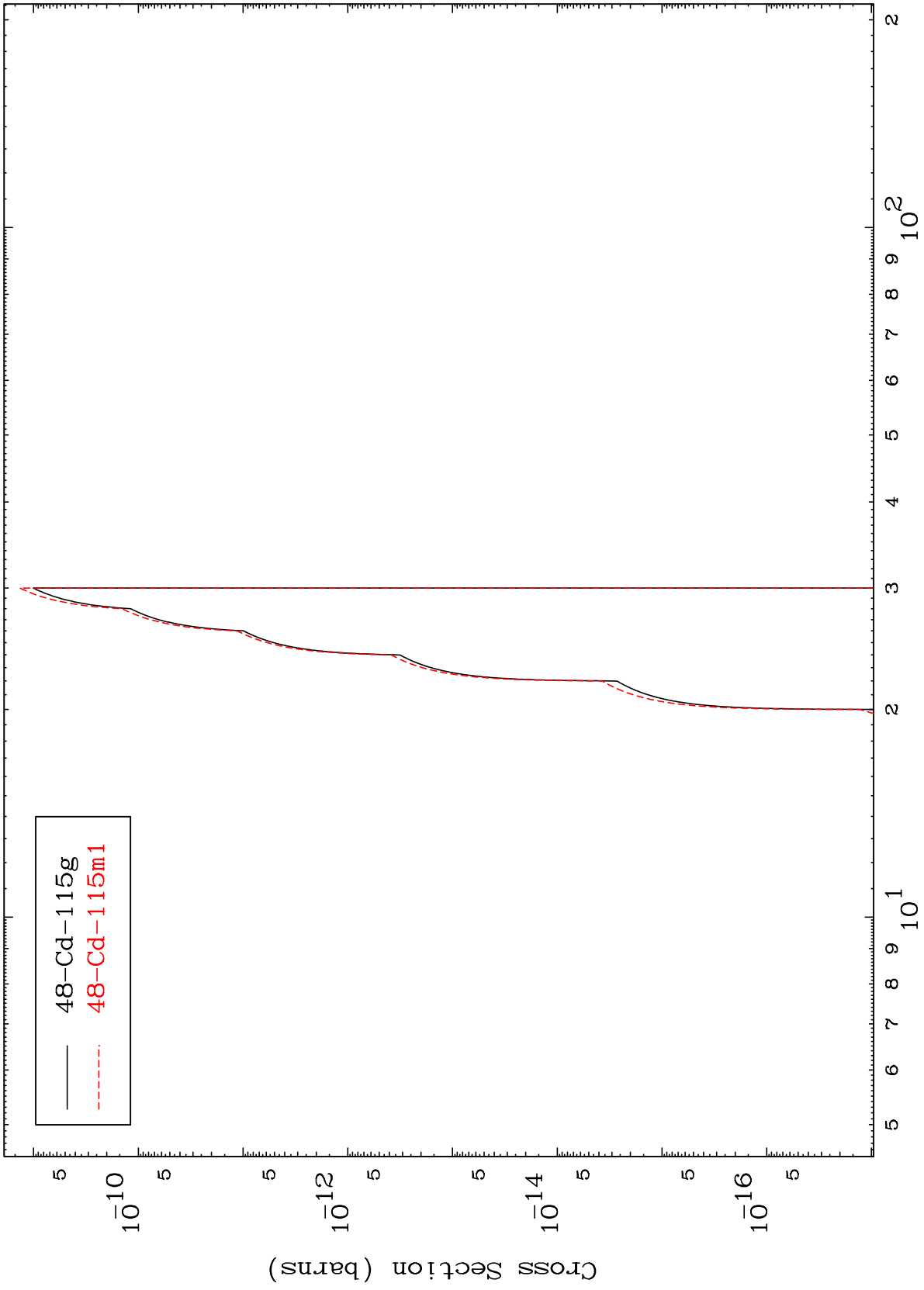
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

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



20

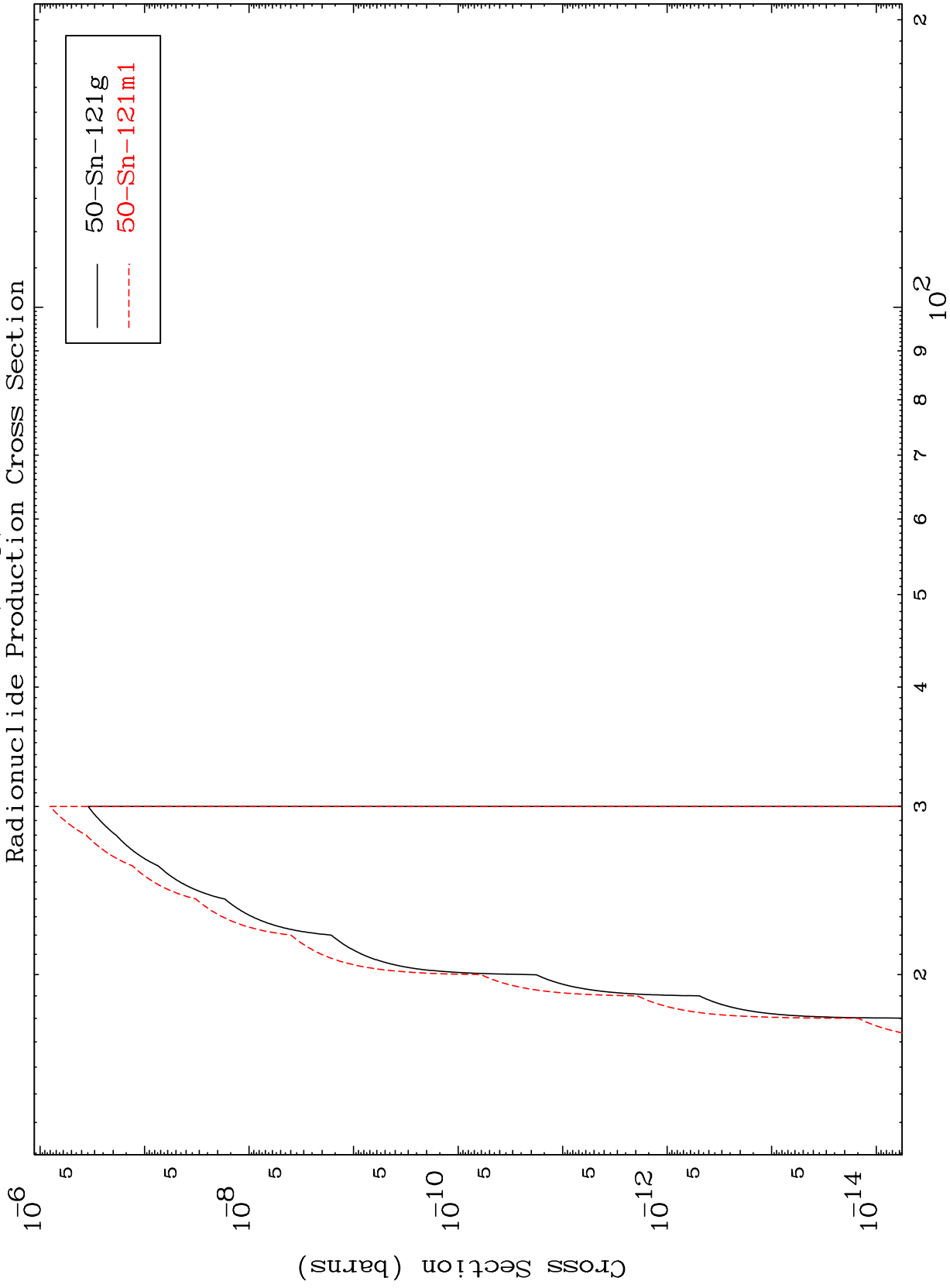
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

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



21

Incident Energy (MeV)

50-Sn-119

Radionuclide Production Cross Section

