

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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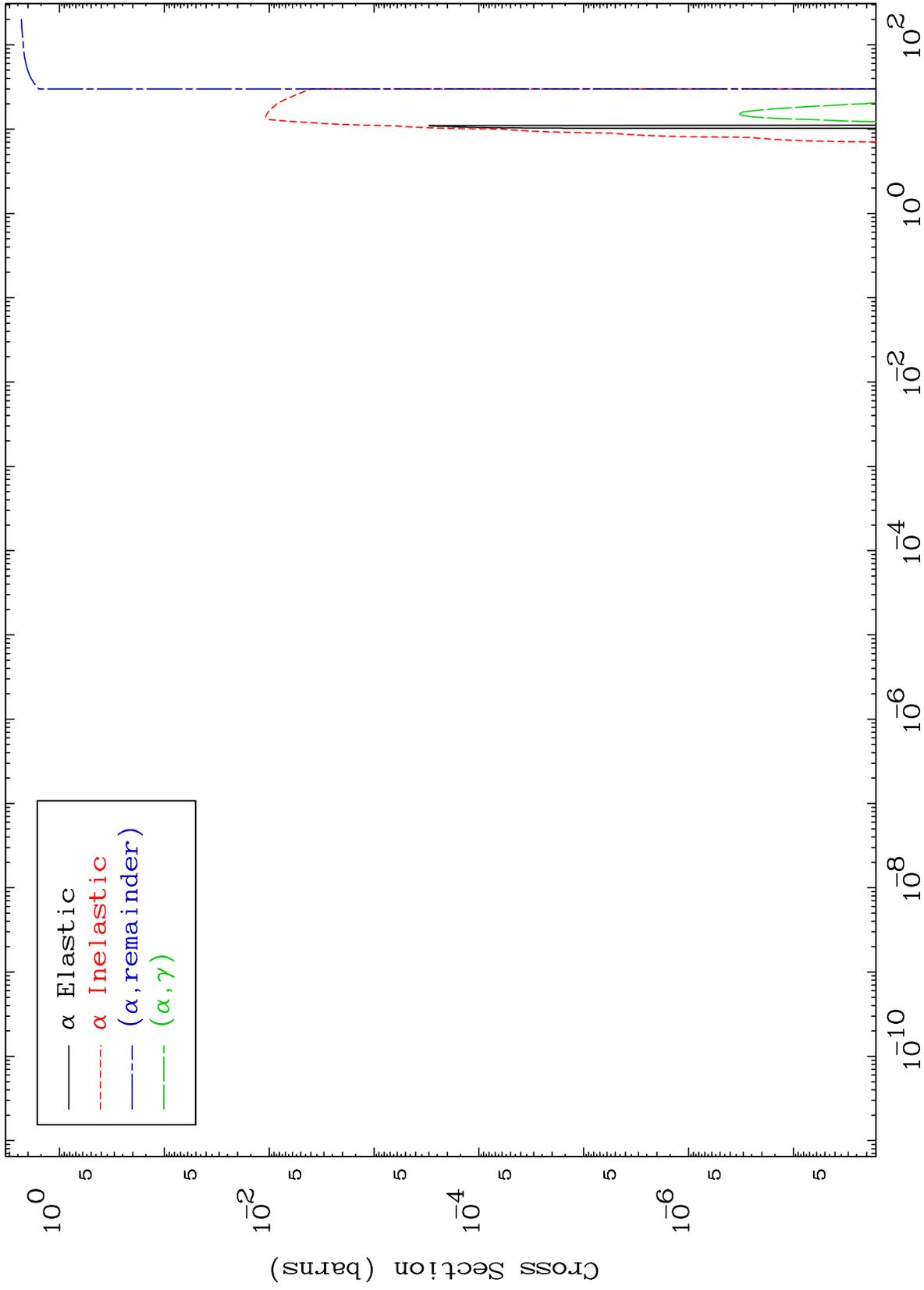
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5083

0 Kelvin  $\alpha$  Major

50-Sn-131



1

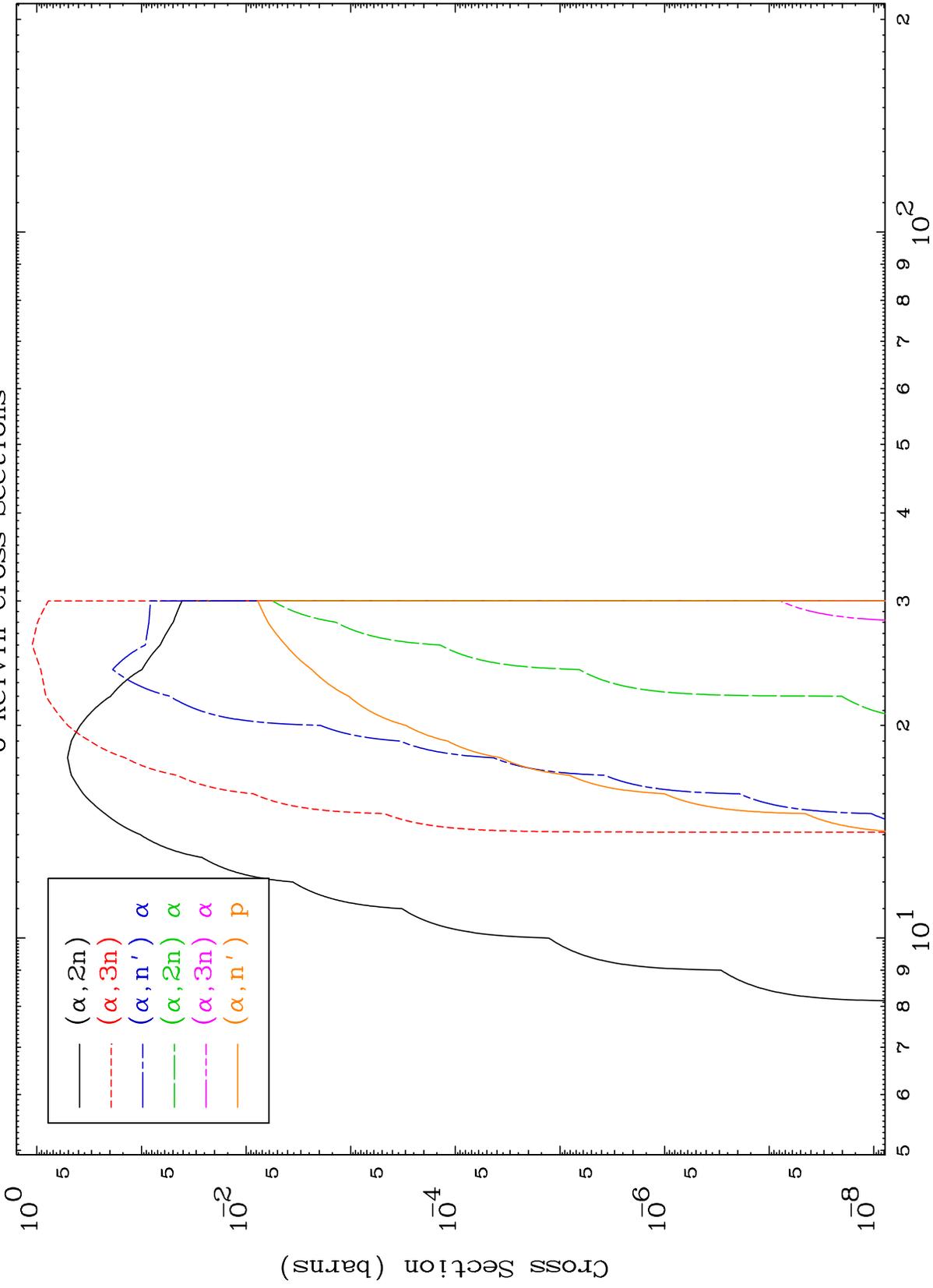
Incident Energy (MeV)

50-Sn-131

MAT 5083

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

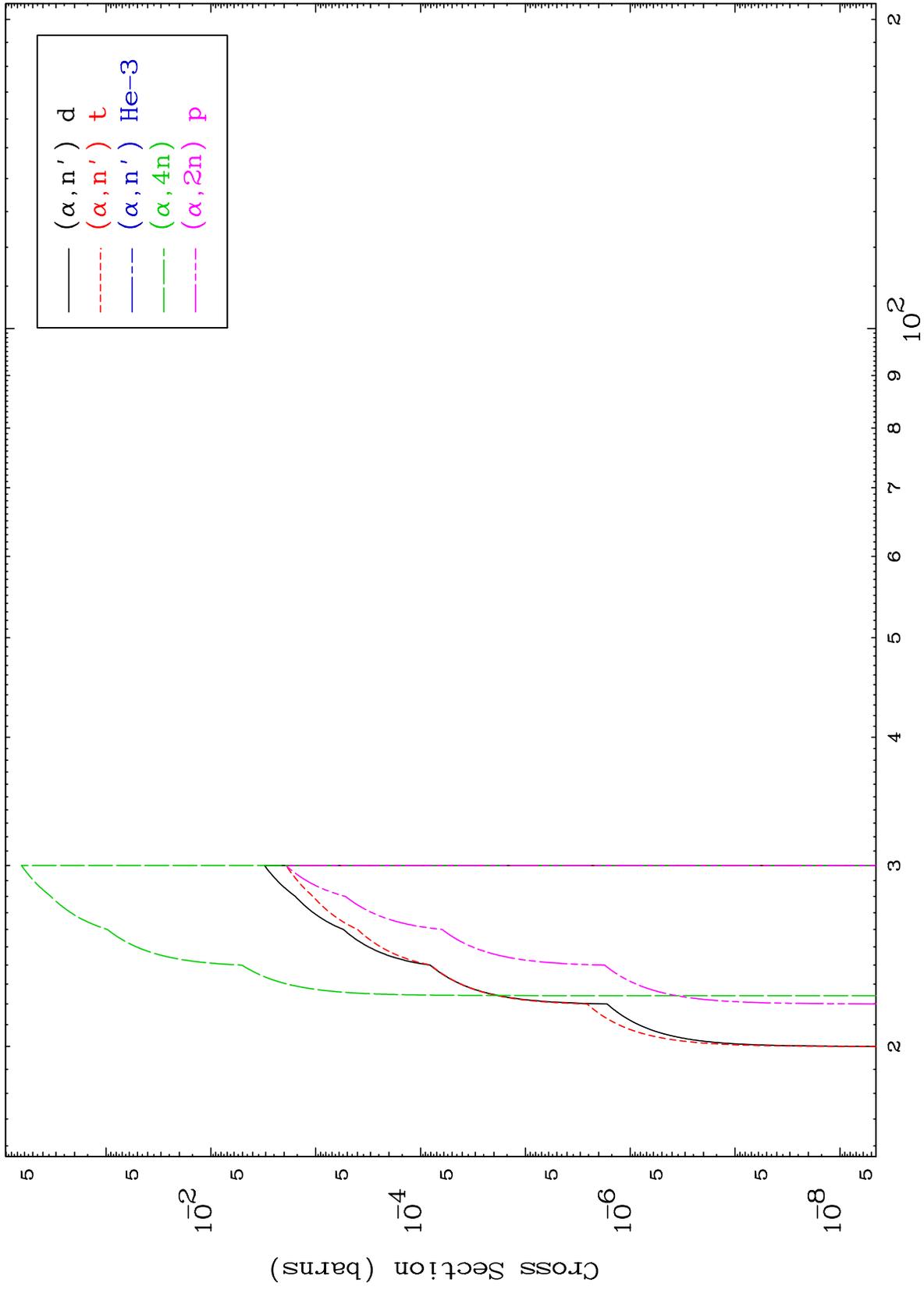
50-Sn-131

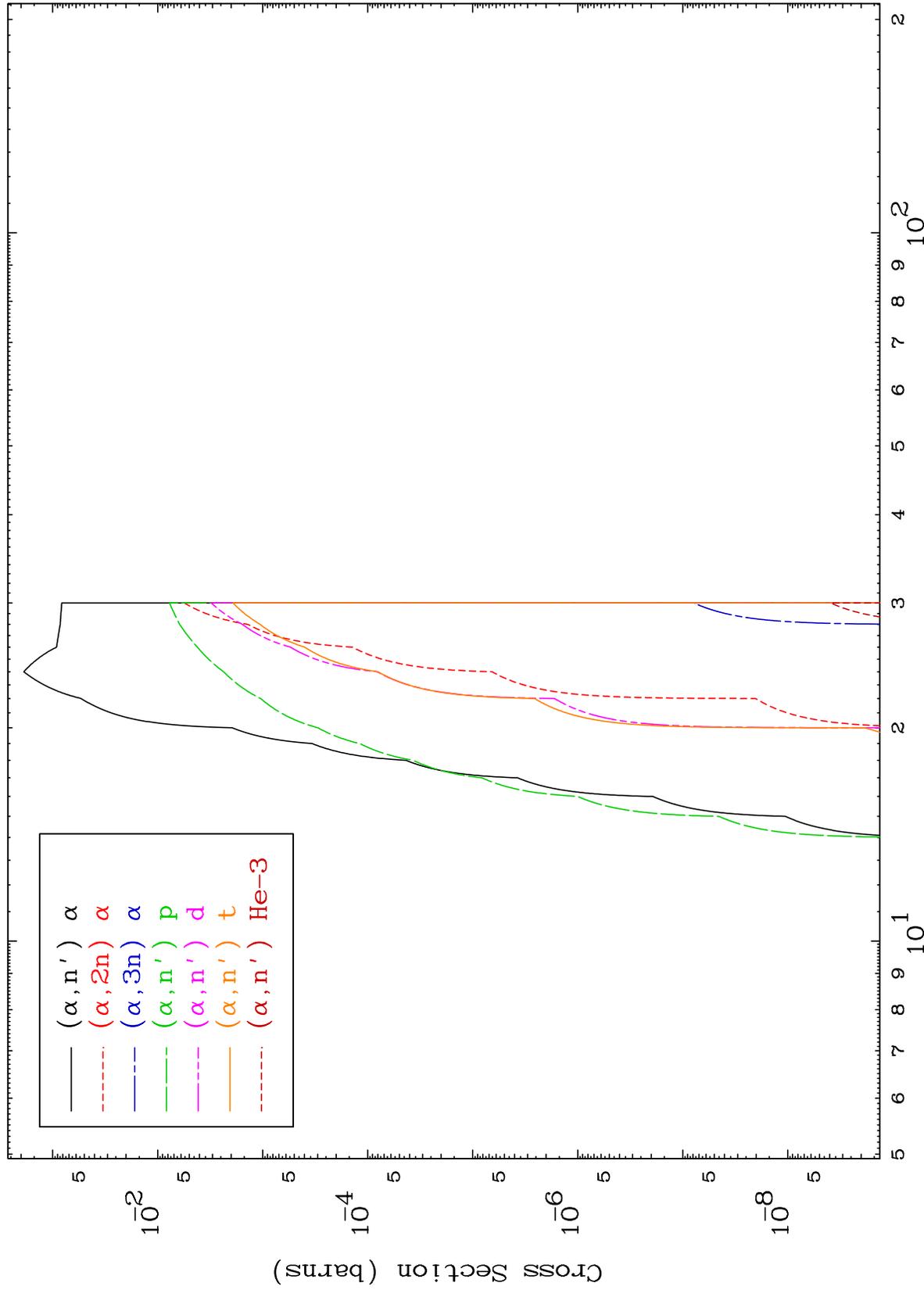


2

Incident Energy (MeV)

50-Sn-131

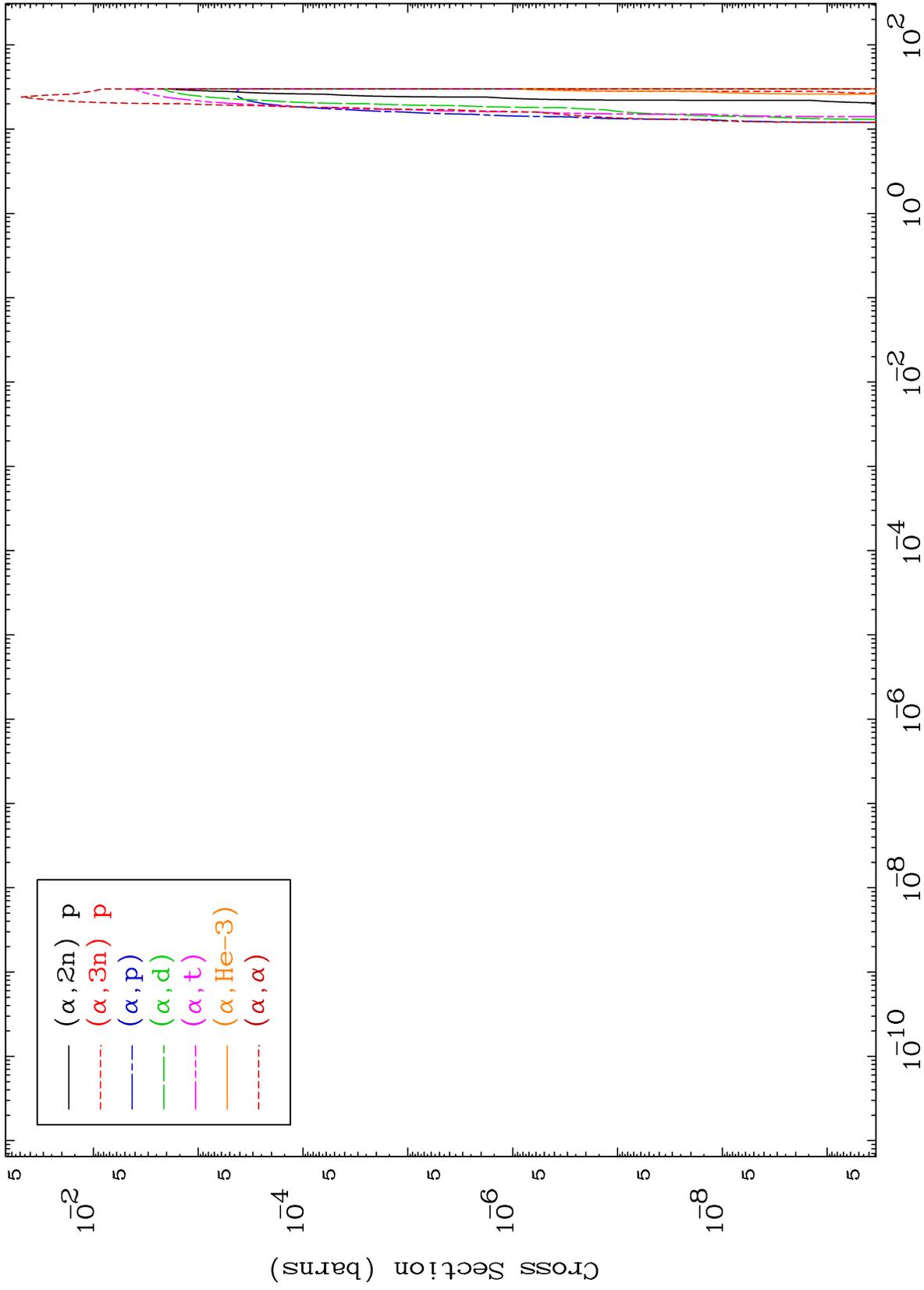




MAT 5083

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

50-Sn-131



5

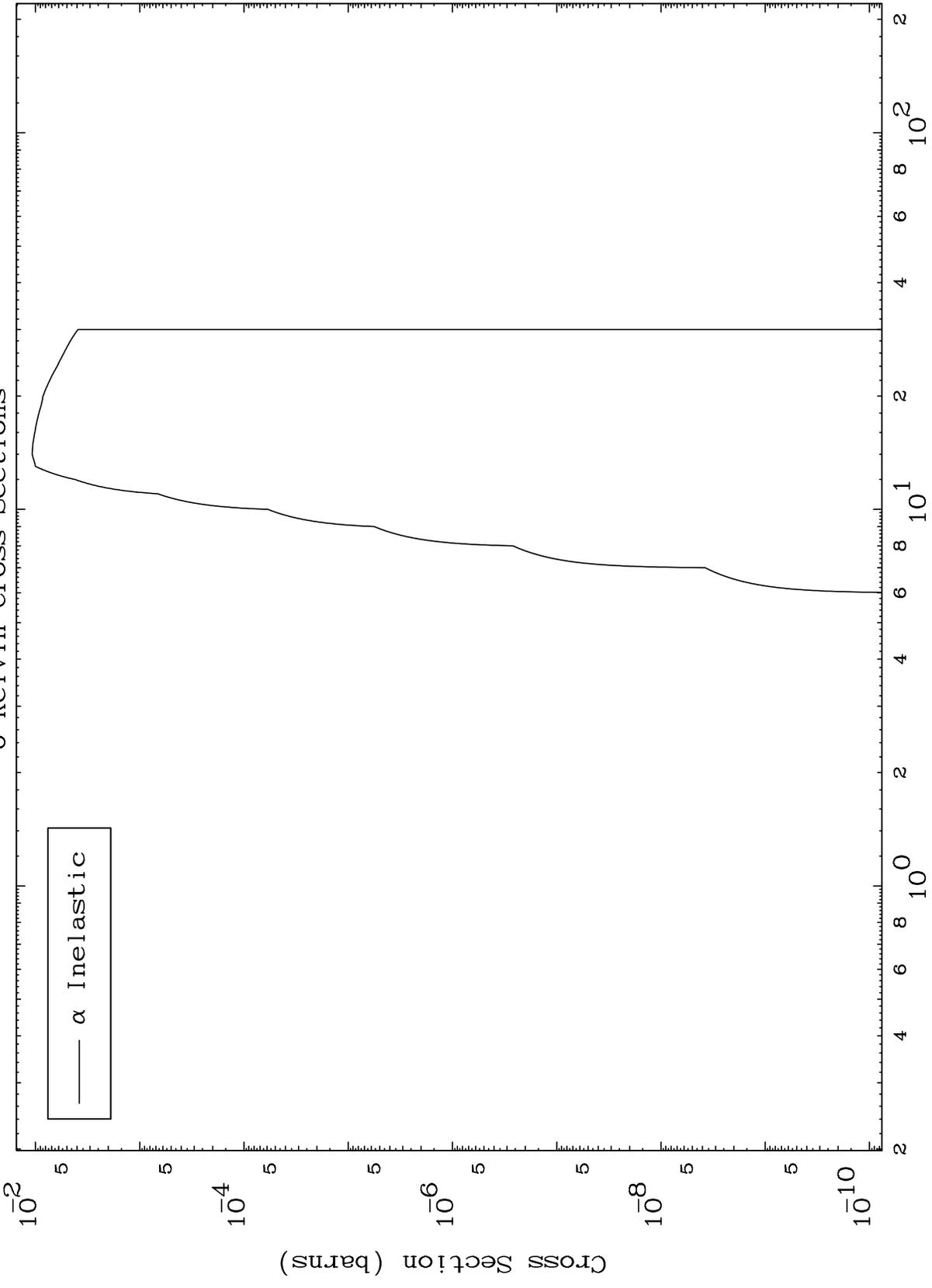
50-Sn-131

MAT 5083

( $\alpha, n'$ ) Level

50-Sn-131

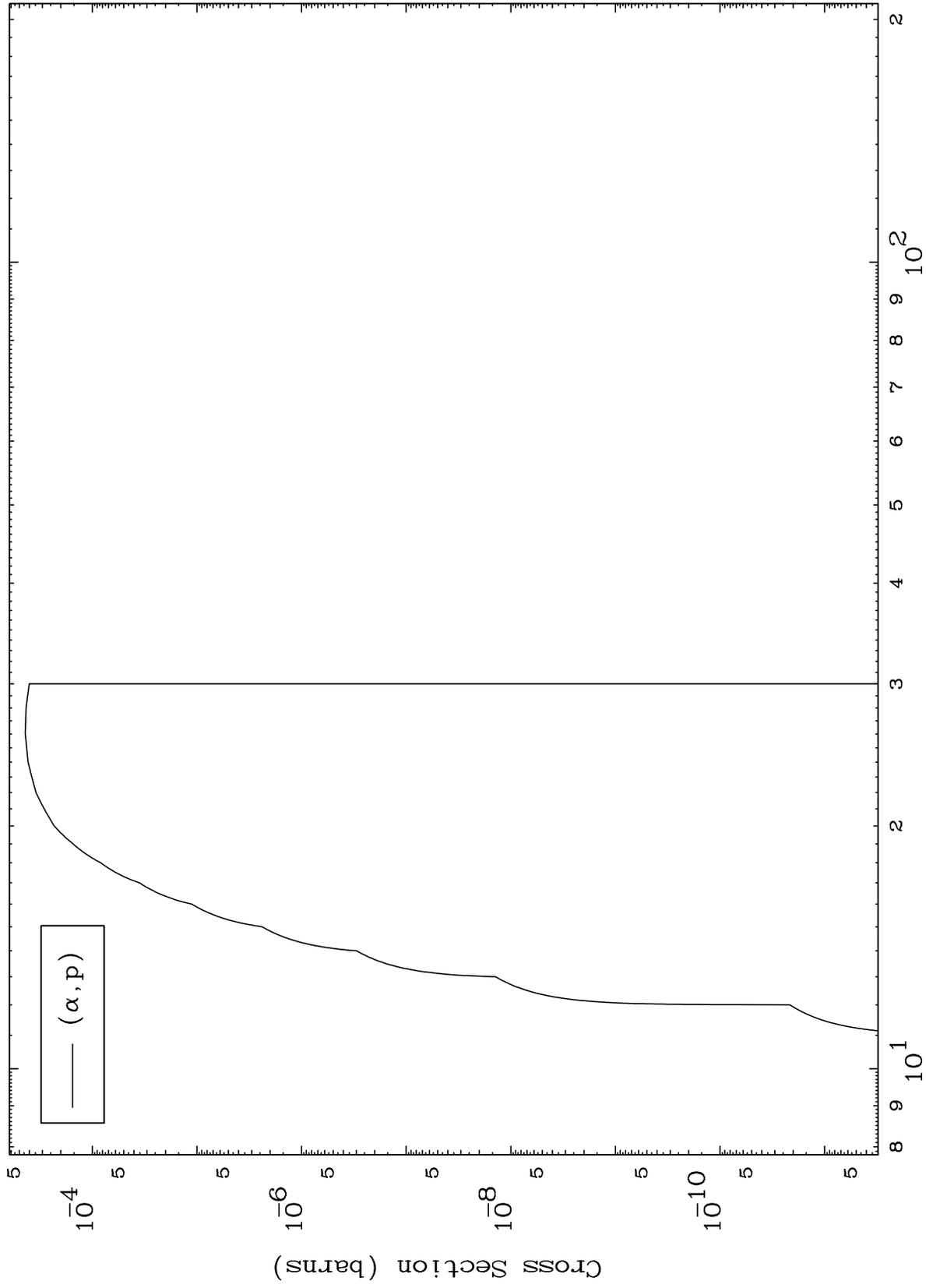
0 Kelvin Cross Sections



MAT 5083

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

50-Sn-131



7

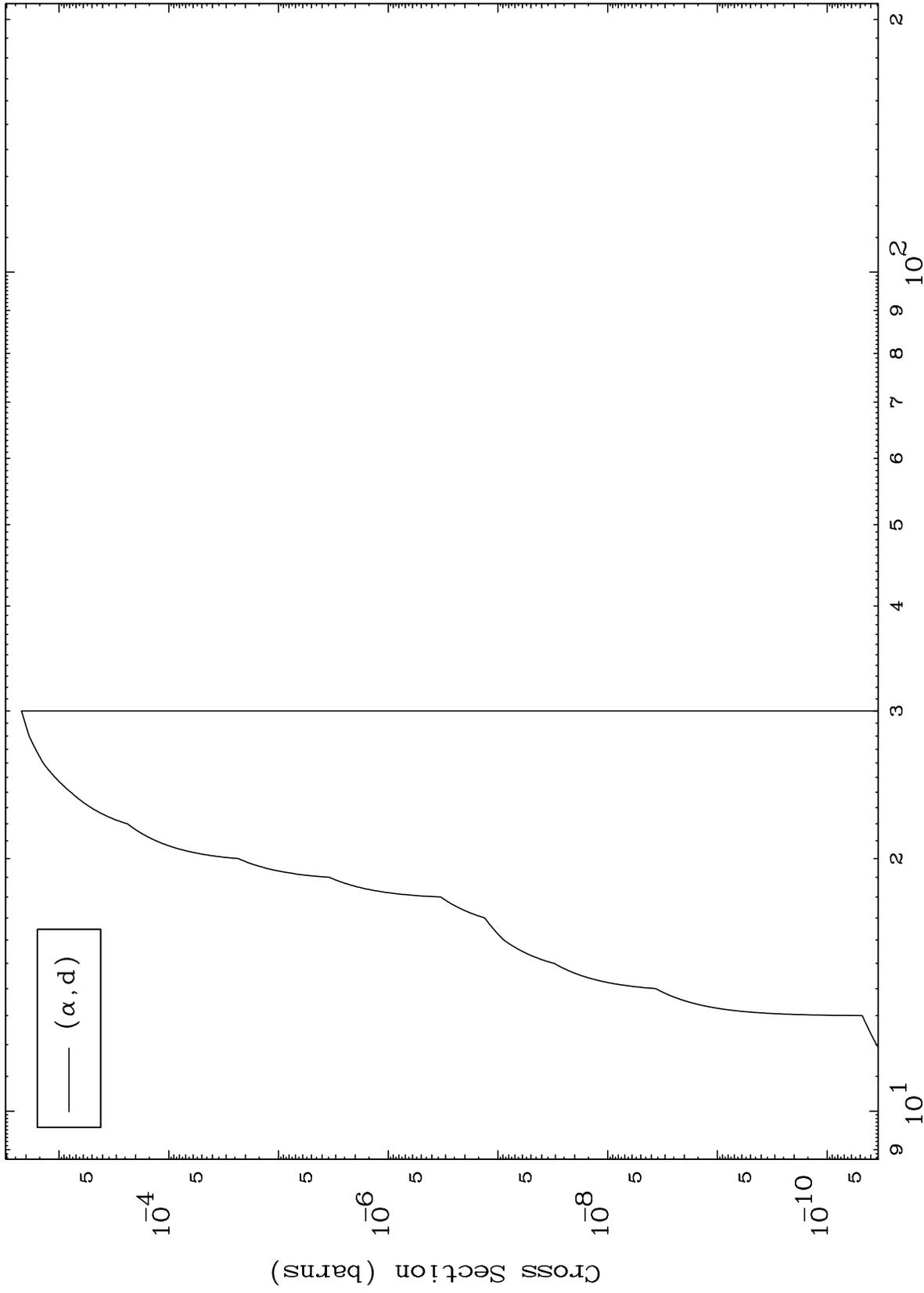
Incident Energy (MeV)

50-Sn-131

MAT 5083

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

50-Sn-131



8

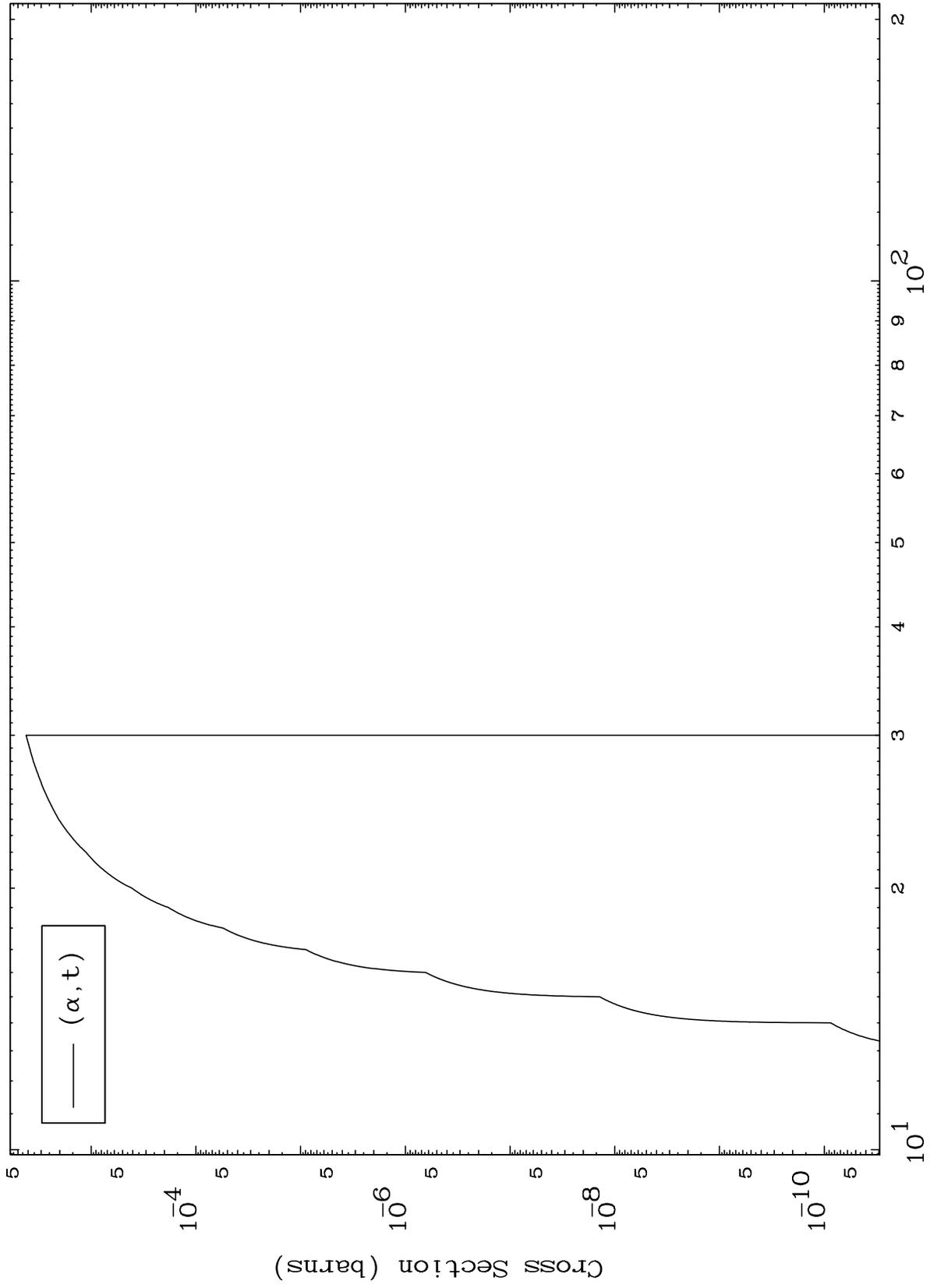
Incident Energy (MeV)

50-Sn-131

MAT 5083

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

50-Sn-131



9

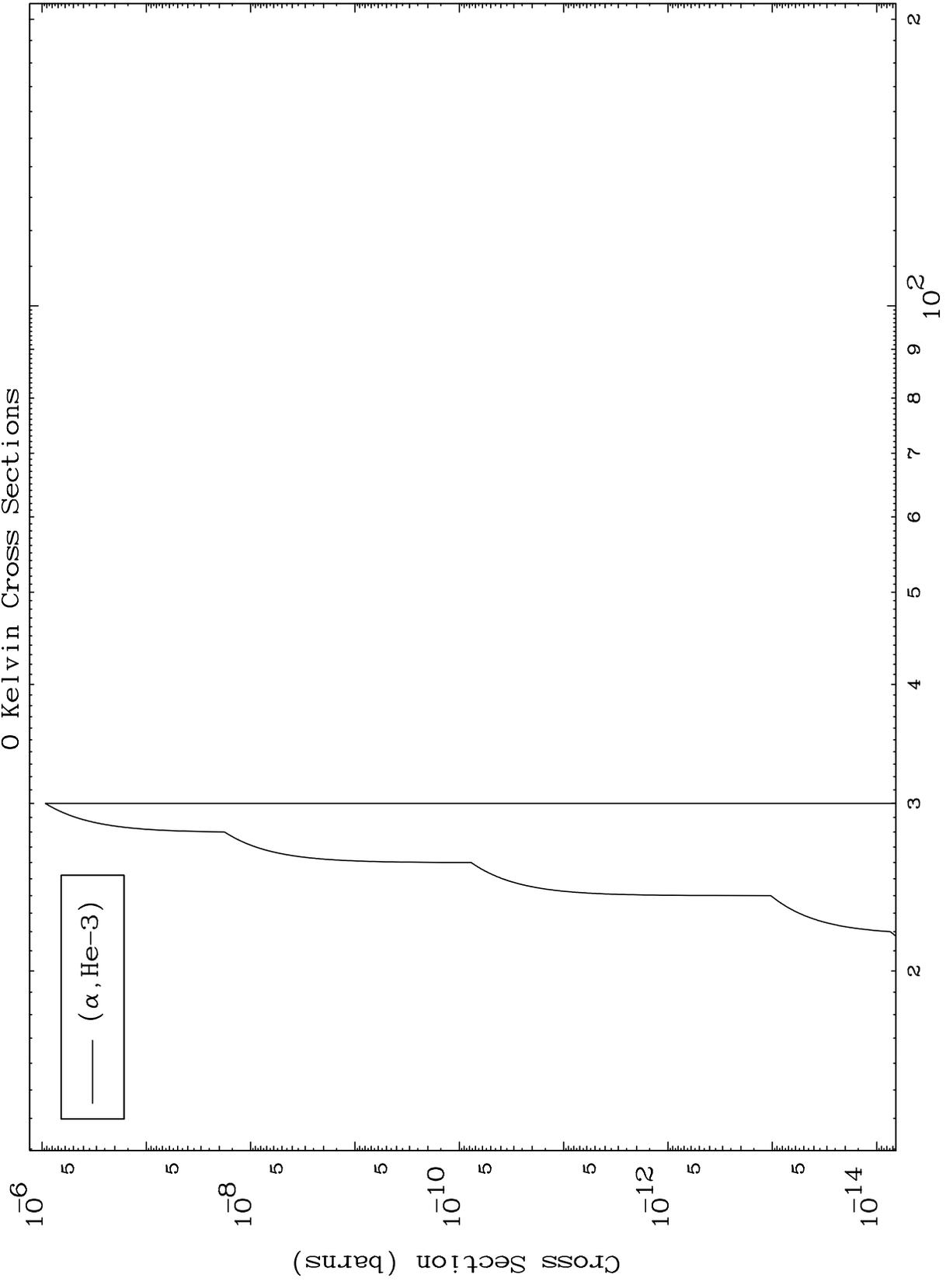
Incident Energy (MeV)

50-Sn-131

MAT 5083

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

50-Sn-131



10

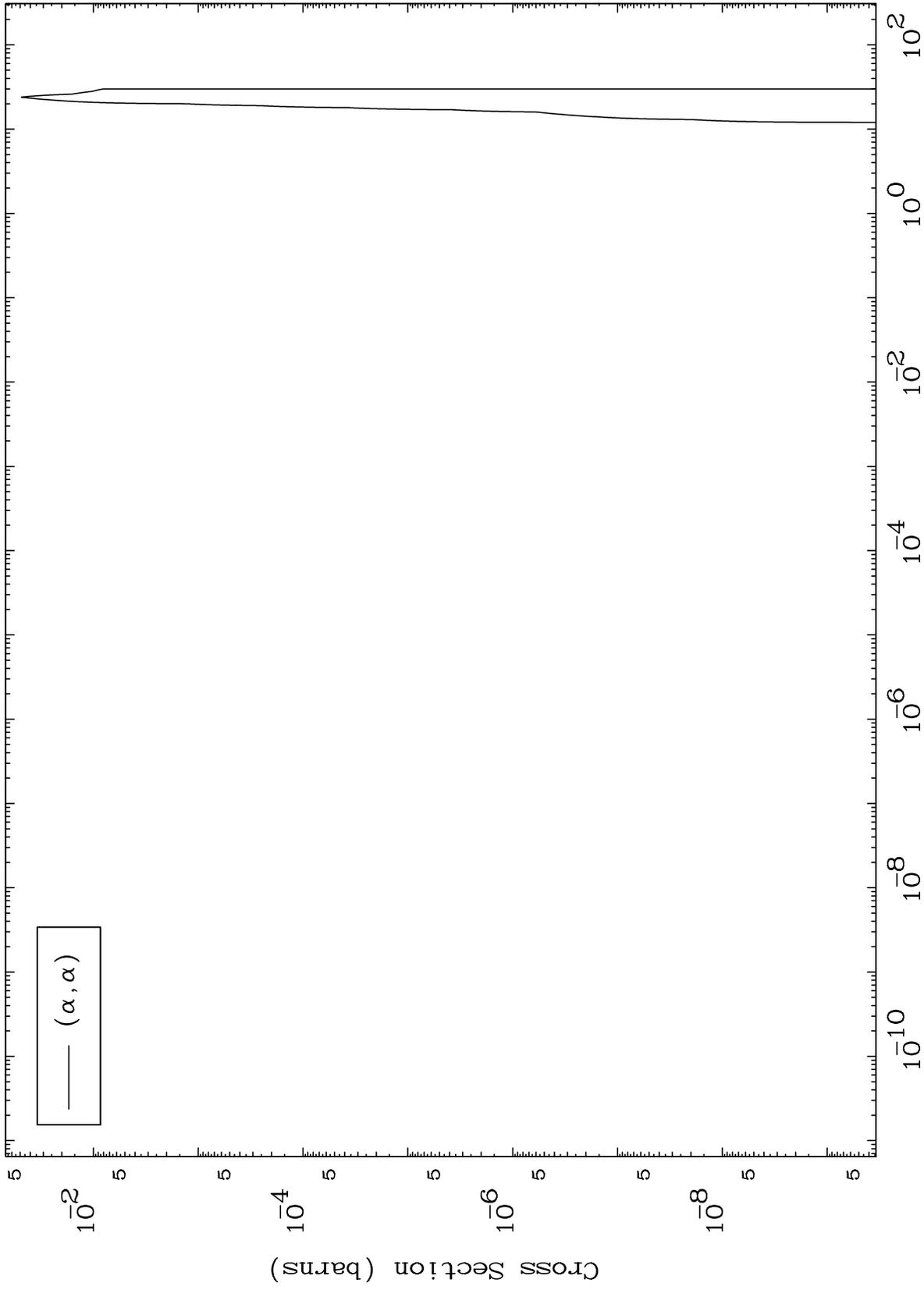
Incident Energy (MeV)

50-Sn-131

MAT 5083

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

50-Sn-131



11

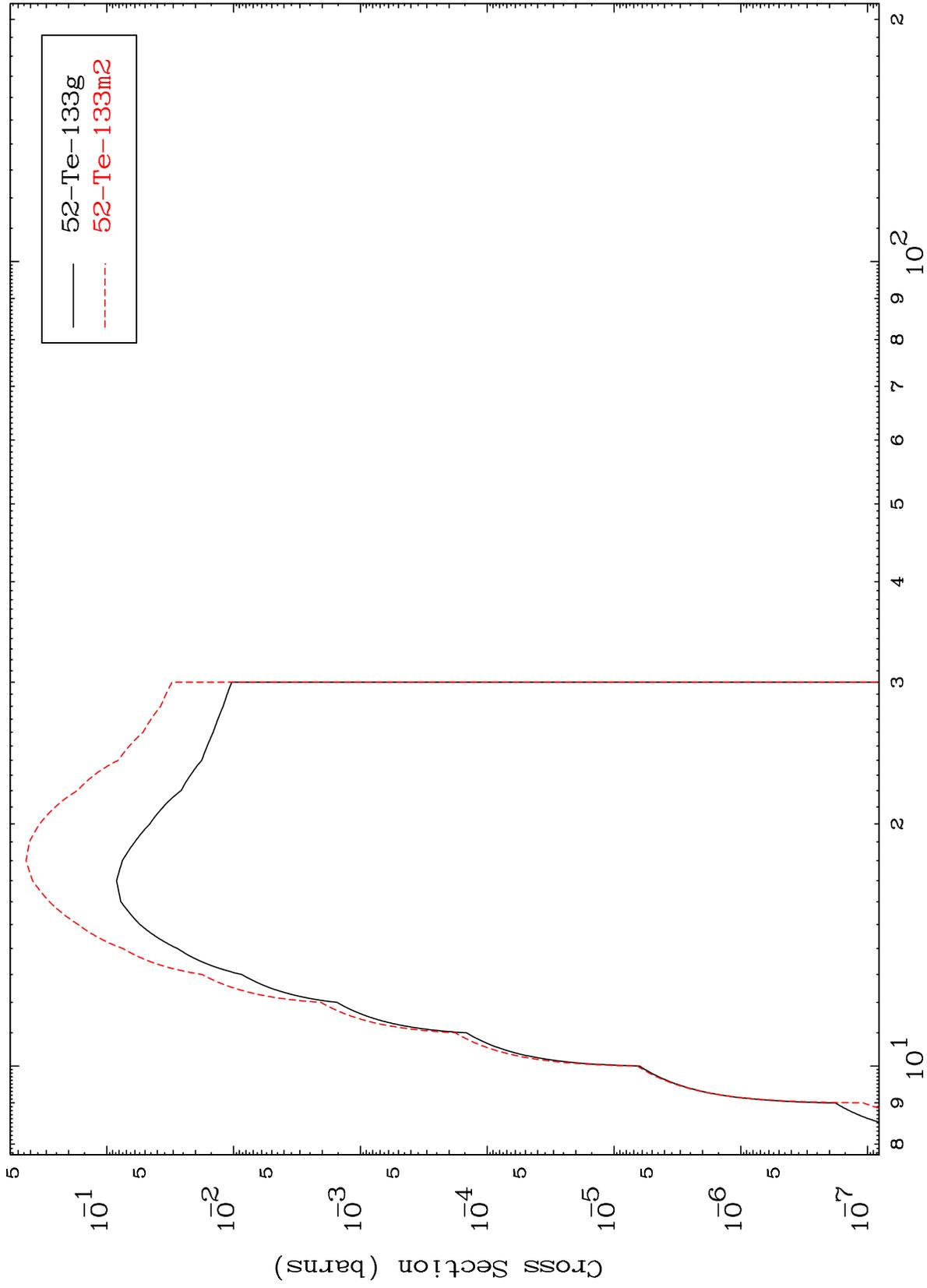
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

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



50-Sn-131

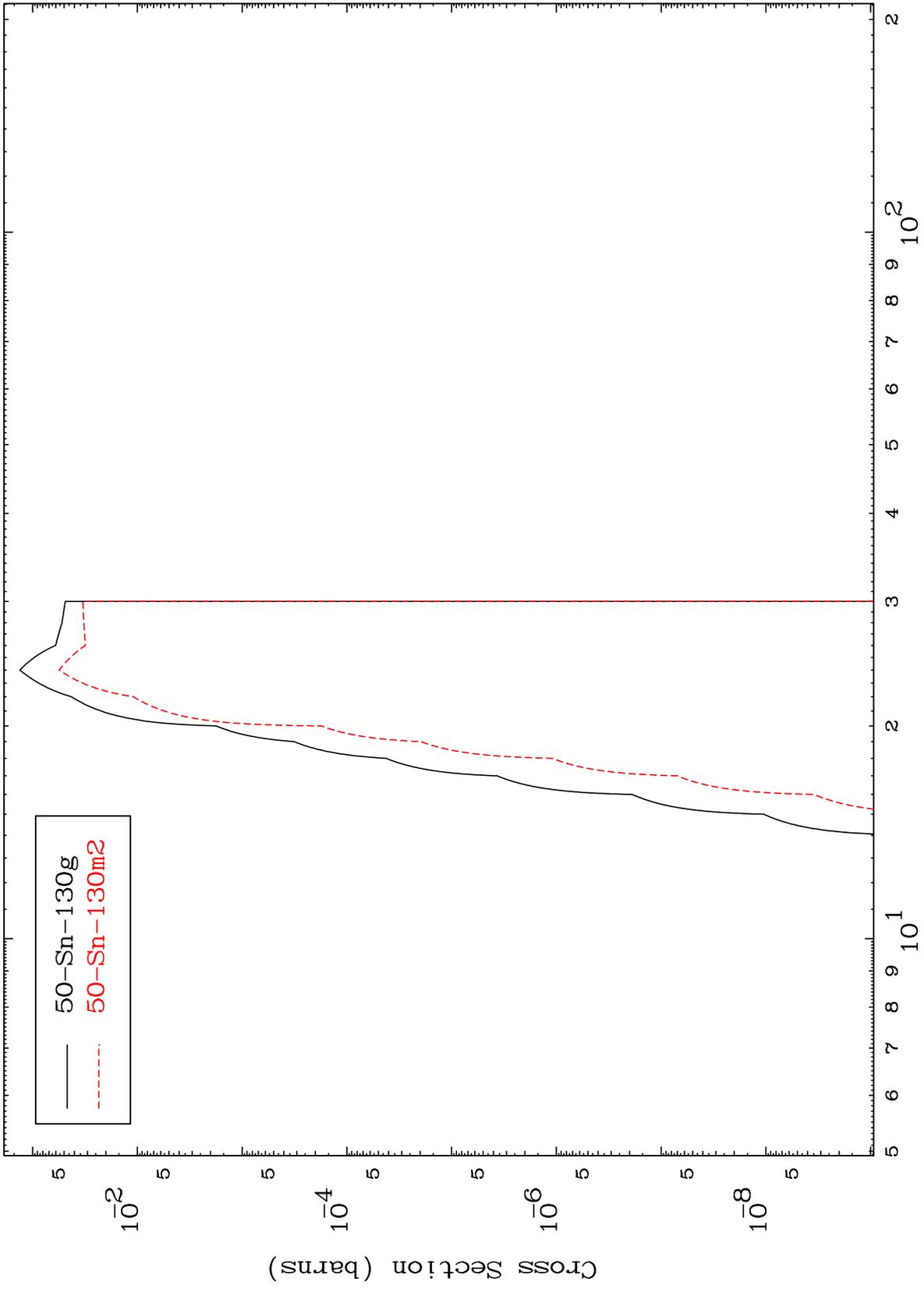
Incident Energy (MeV)

12

MAT 5083

50-Sn-131

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



13

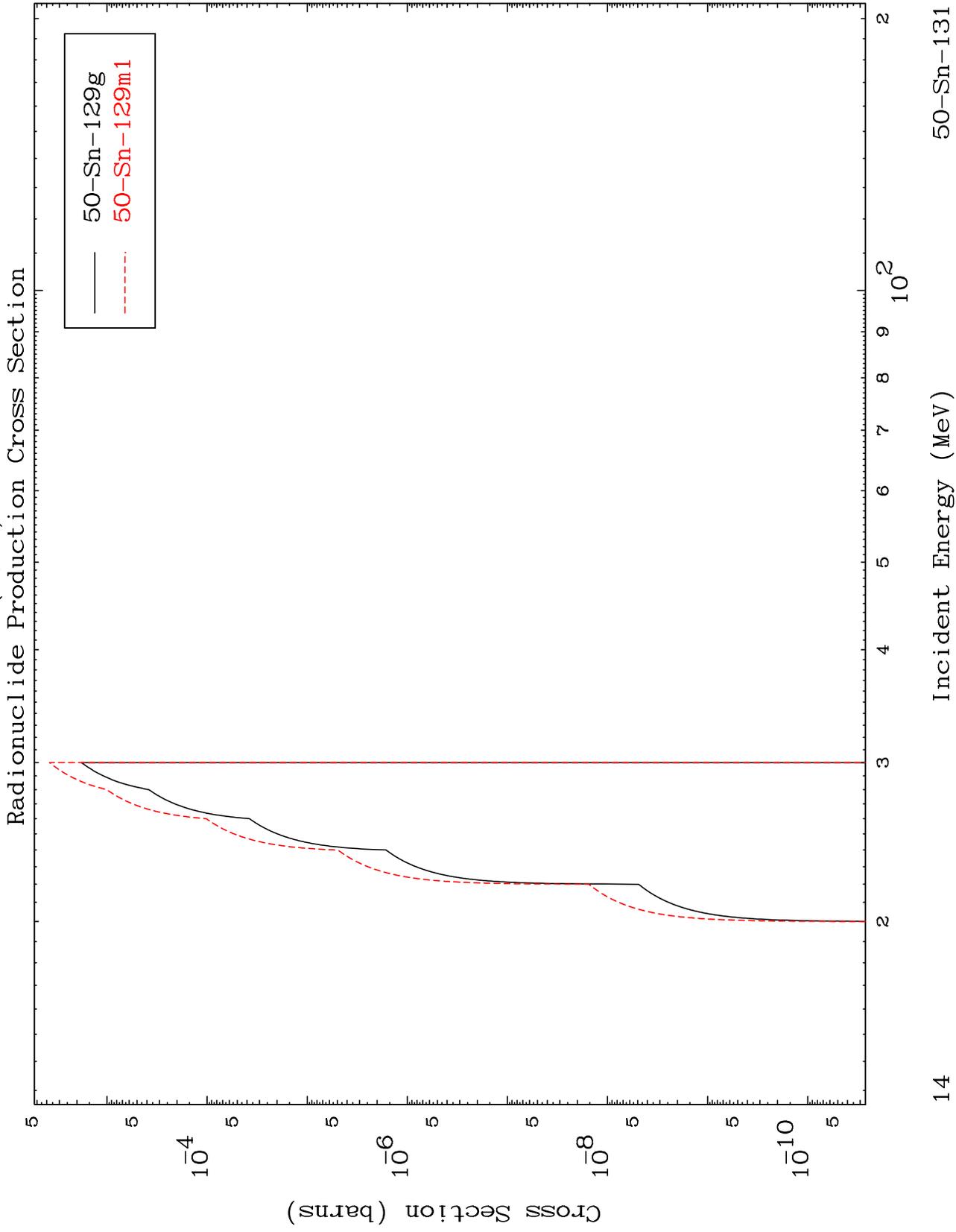
50-Sn-131

Incident Energy (MeV)

MAT 5083

$(\alpha, 2n) \alpha$

50-Sn-131



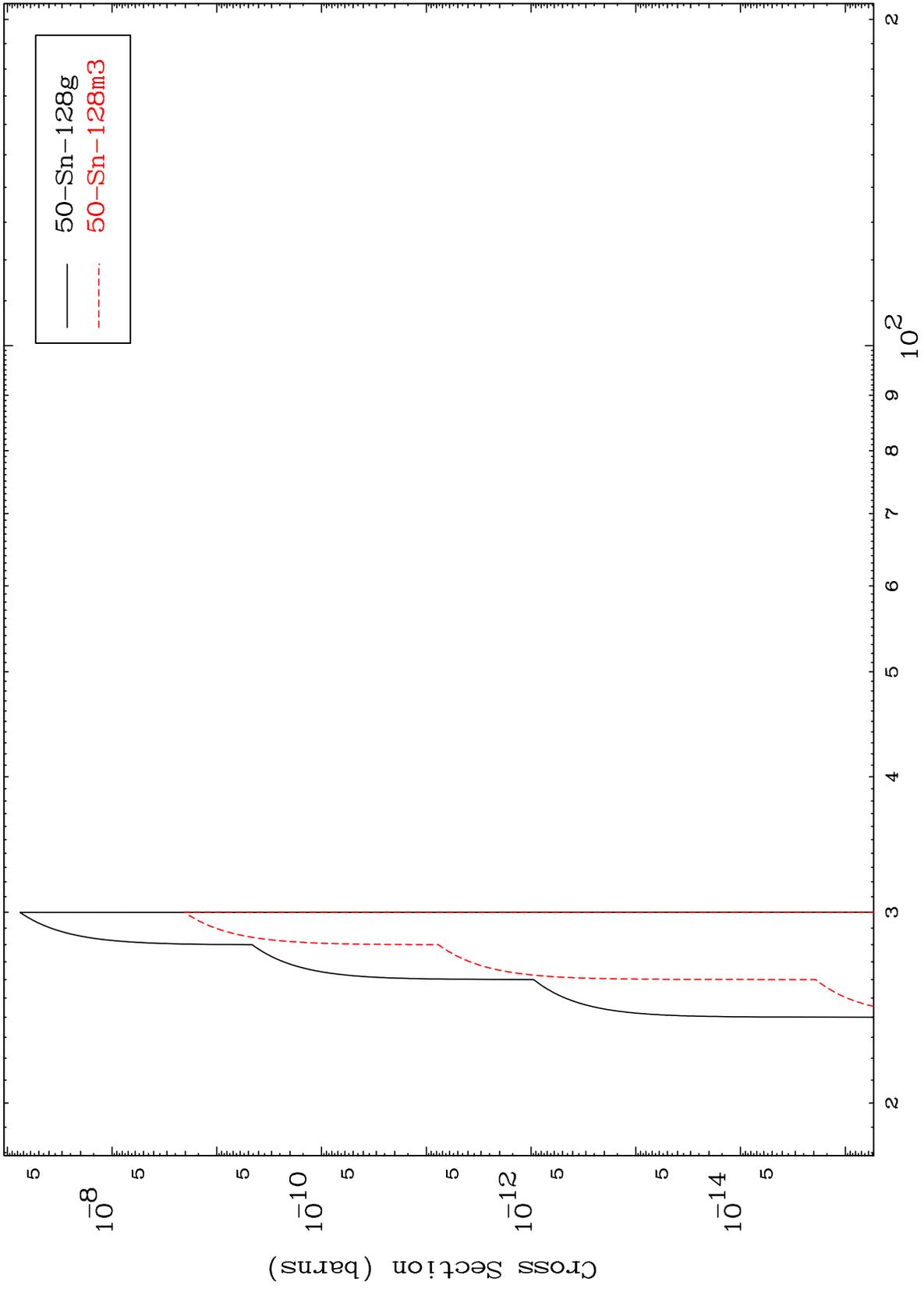
14

MAT 5083

$(\alpha, 3n) \alpha$

50-Sn-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

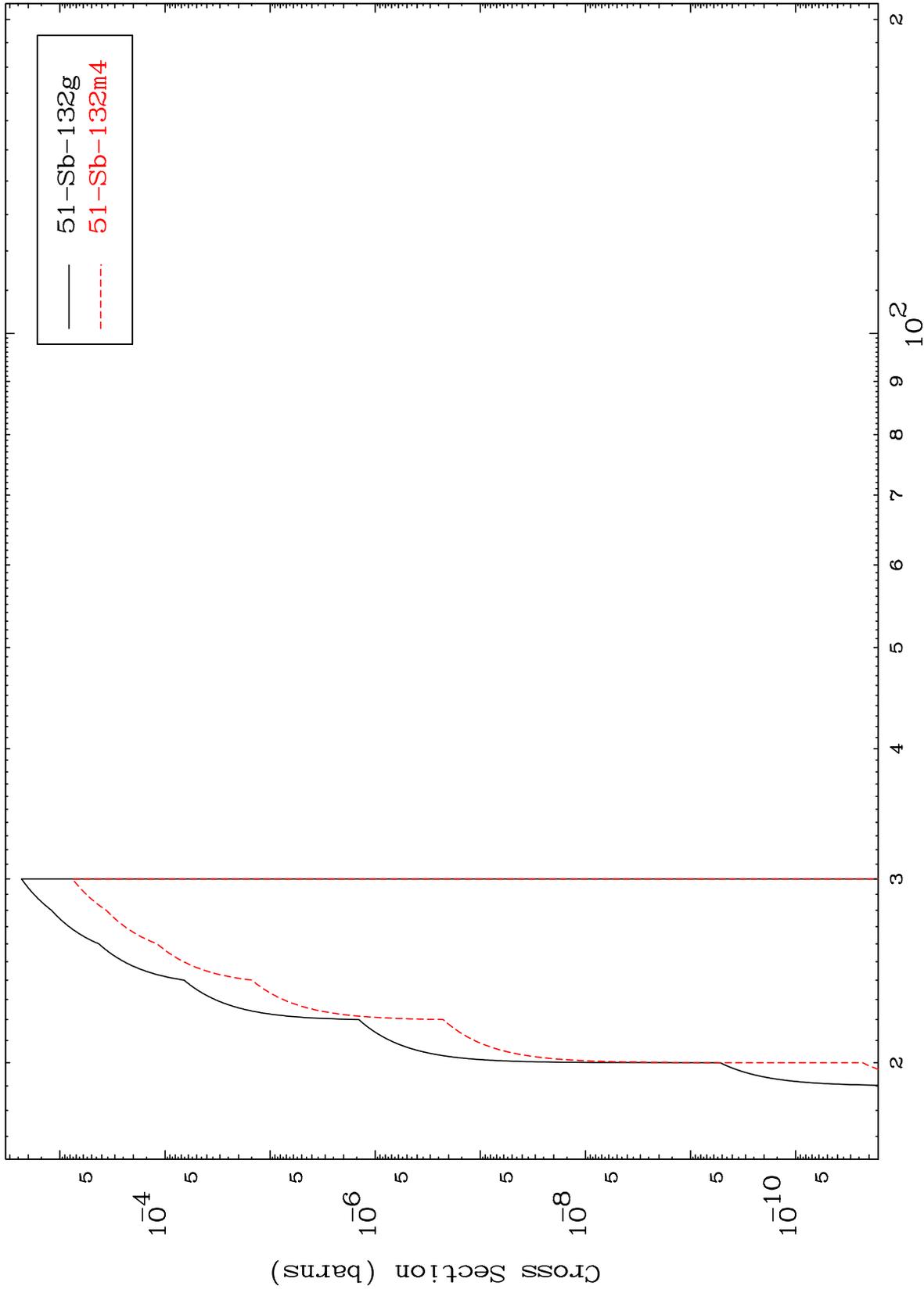
50-Sn-131

MAT 5083

( $\alpha, n'$ ) d

50-Sn-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

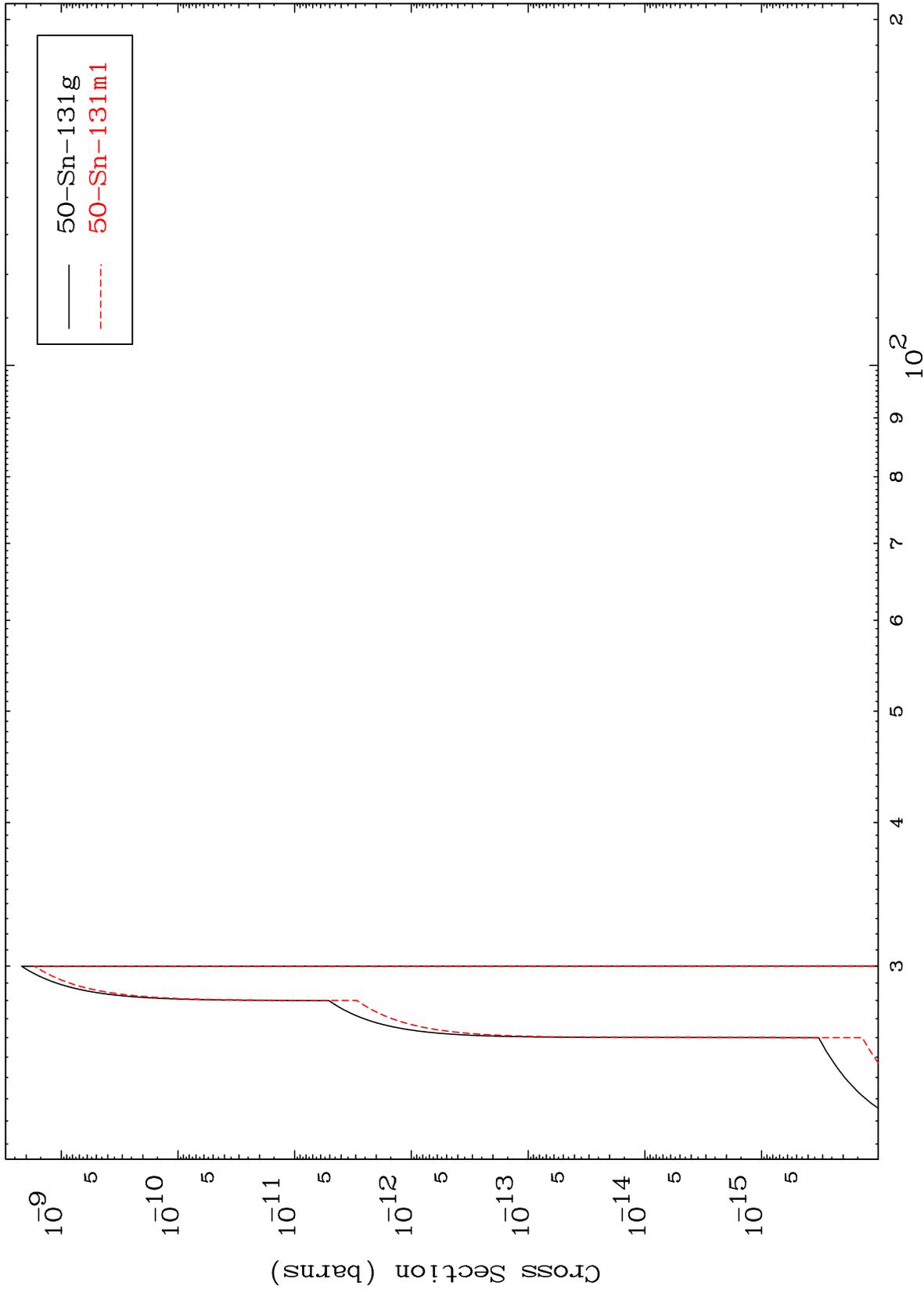
50-Sn-131

MAT 5083

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

50-Sn-131

Radionuclide Production Cross Section



17

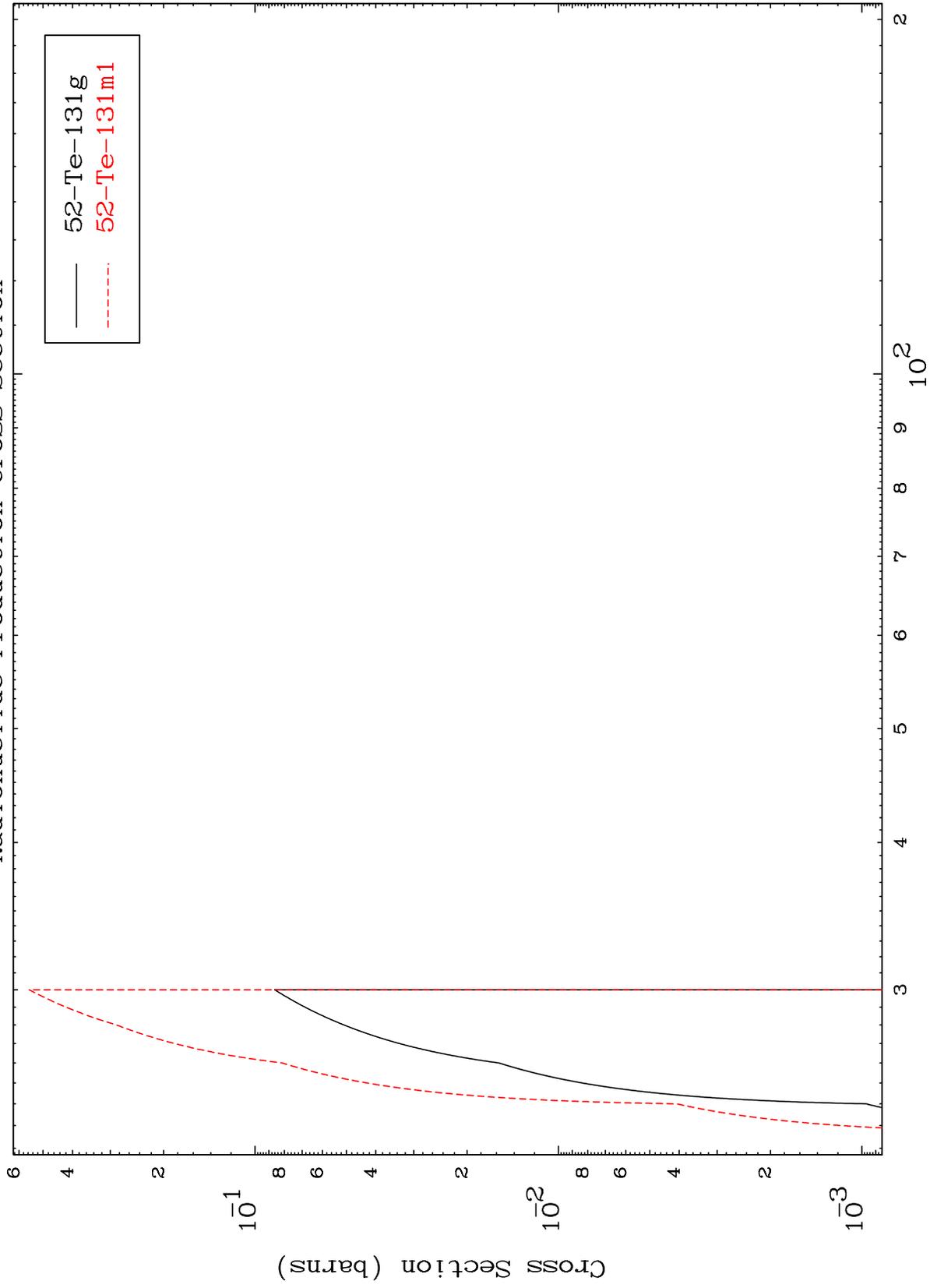
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

$(\alpha, 4n)$   
Radionuclide Production Cross Section



18

Incident Energy (MeV)

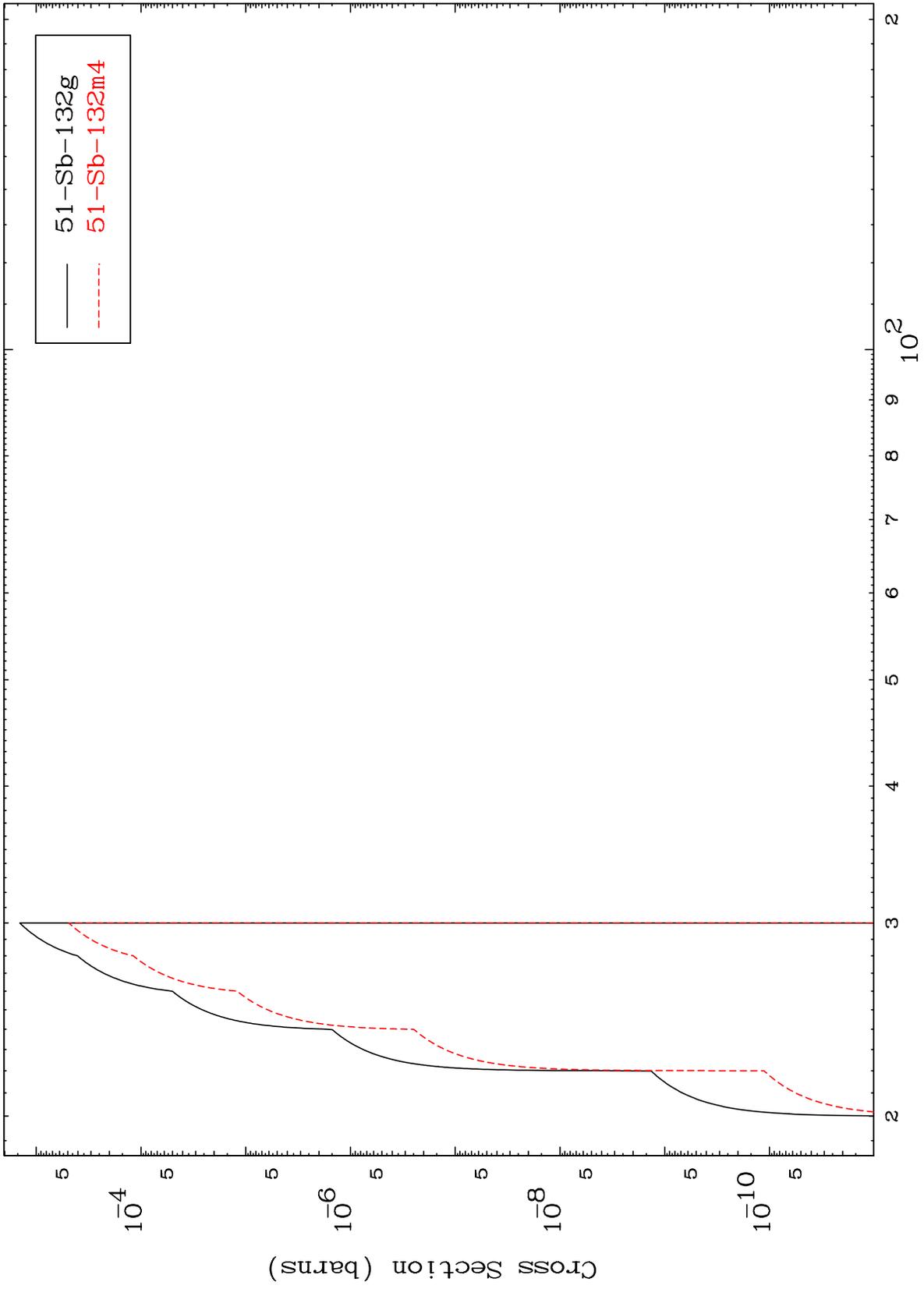
50-Sn-131

MAT 5083

( $\alpha, 2n$ ) p

50-Sn-131

Radionuclide Production Cross Section



19

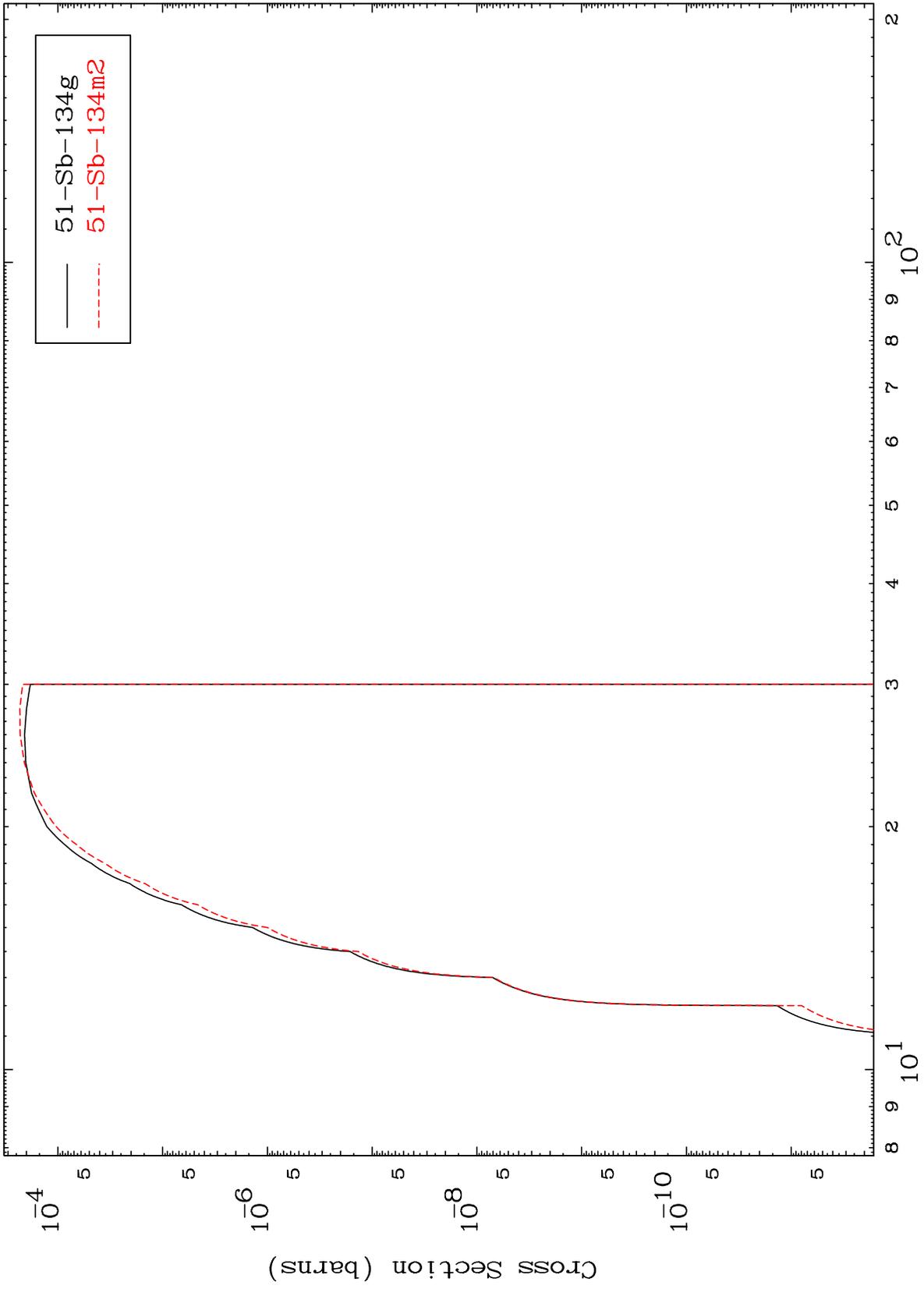
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

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



20

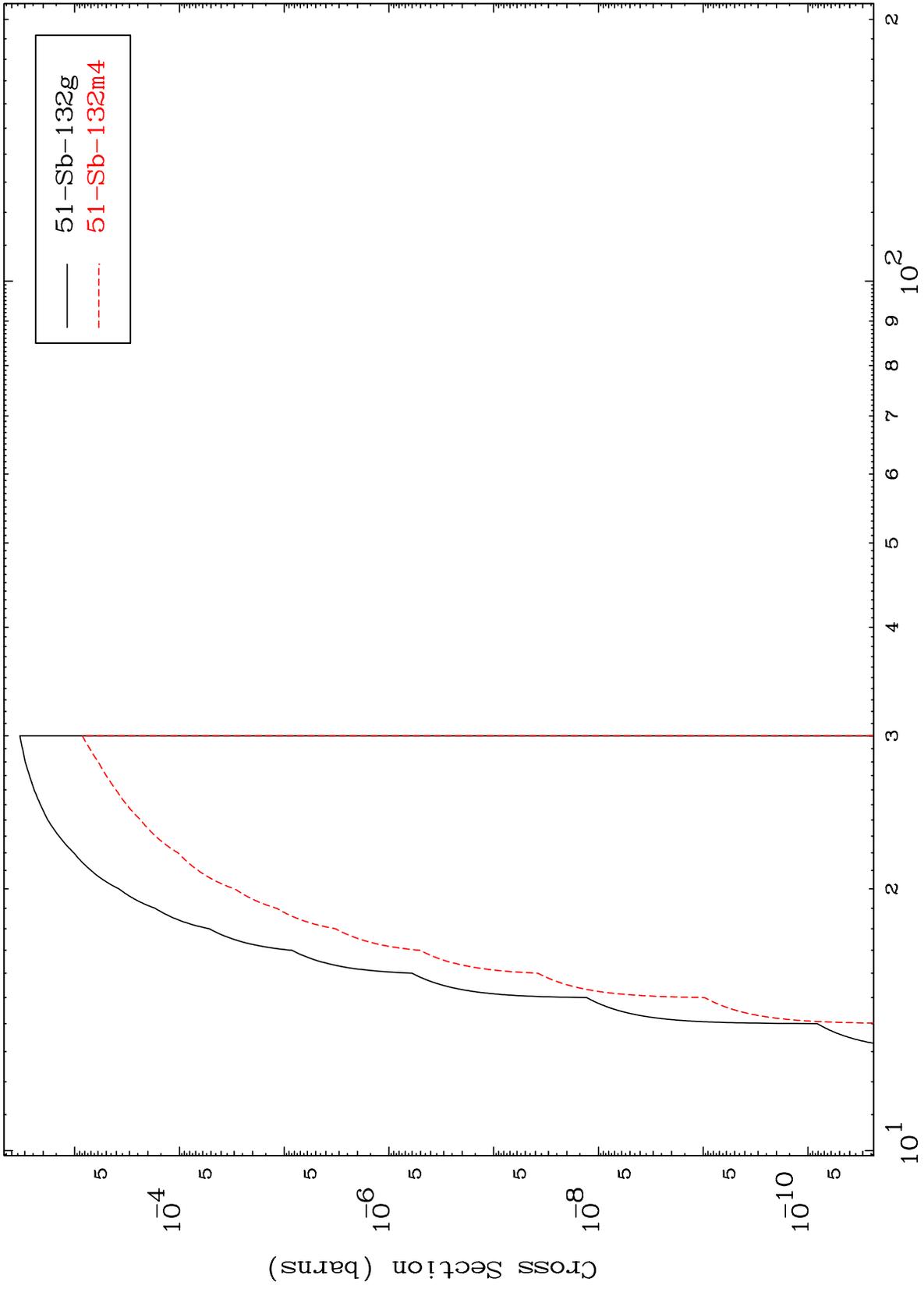
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

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



21

Incident Energy (MeV)

50-Sn-131

MAT 5083

( $\alpha, \alpha$ )

50-Sn-131

Radionuclide Production Cross Section

