

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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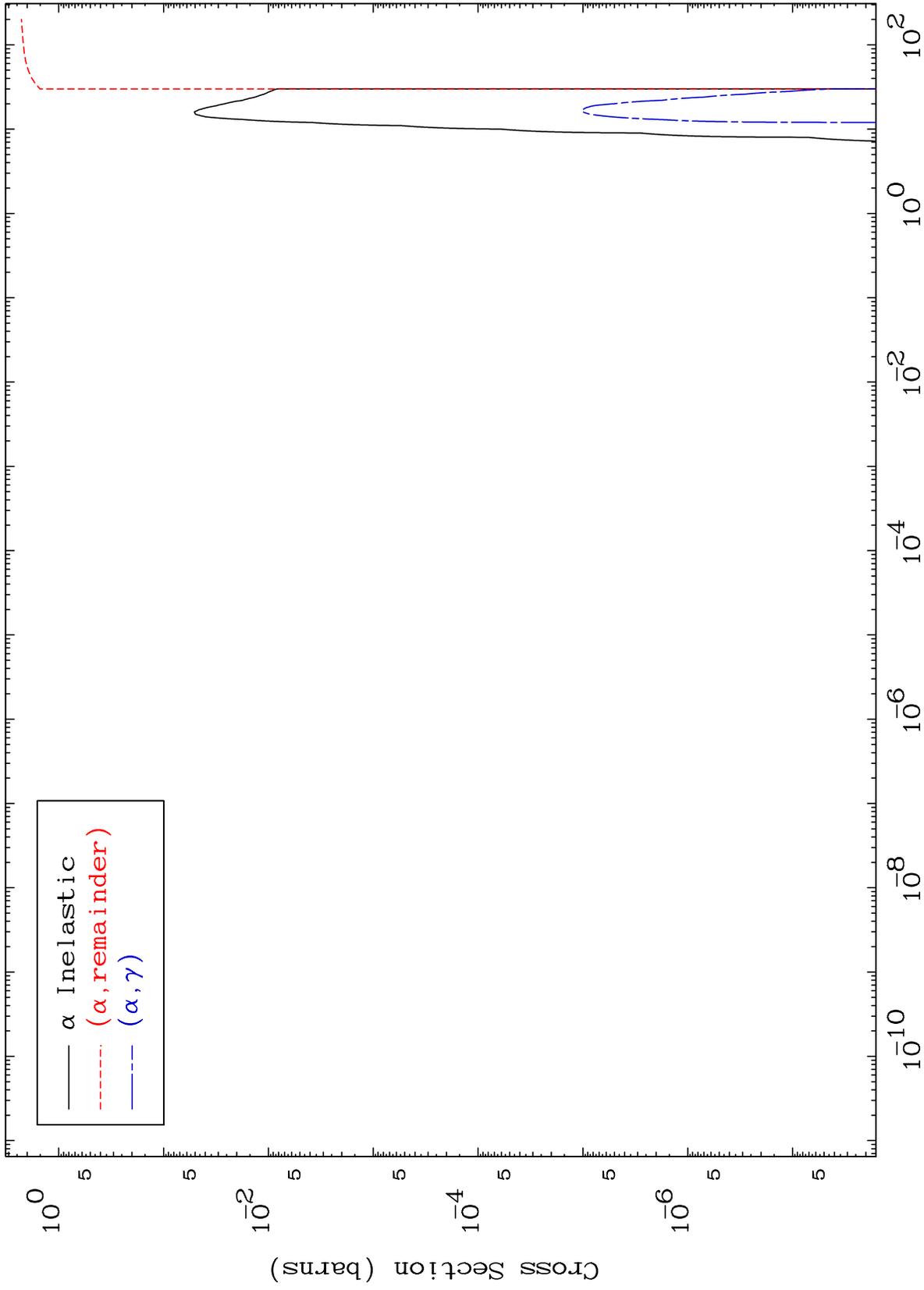
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5143

0 Kelvin  $\alpha$  Major  
Cross Sections

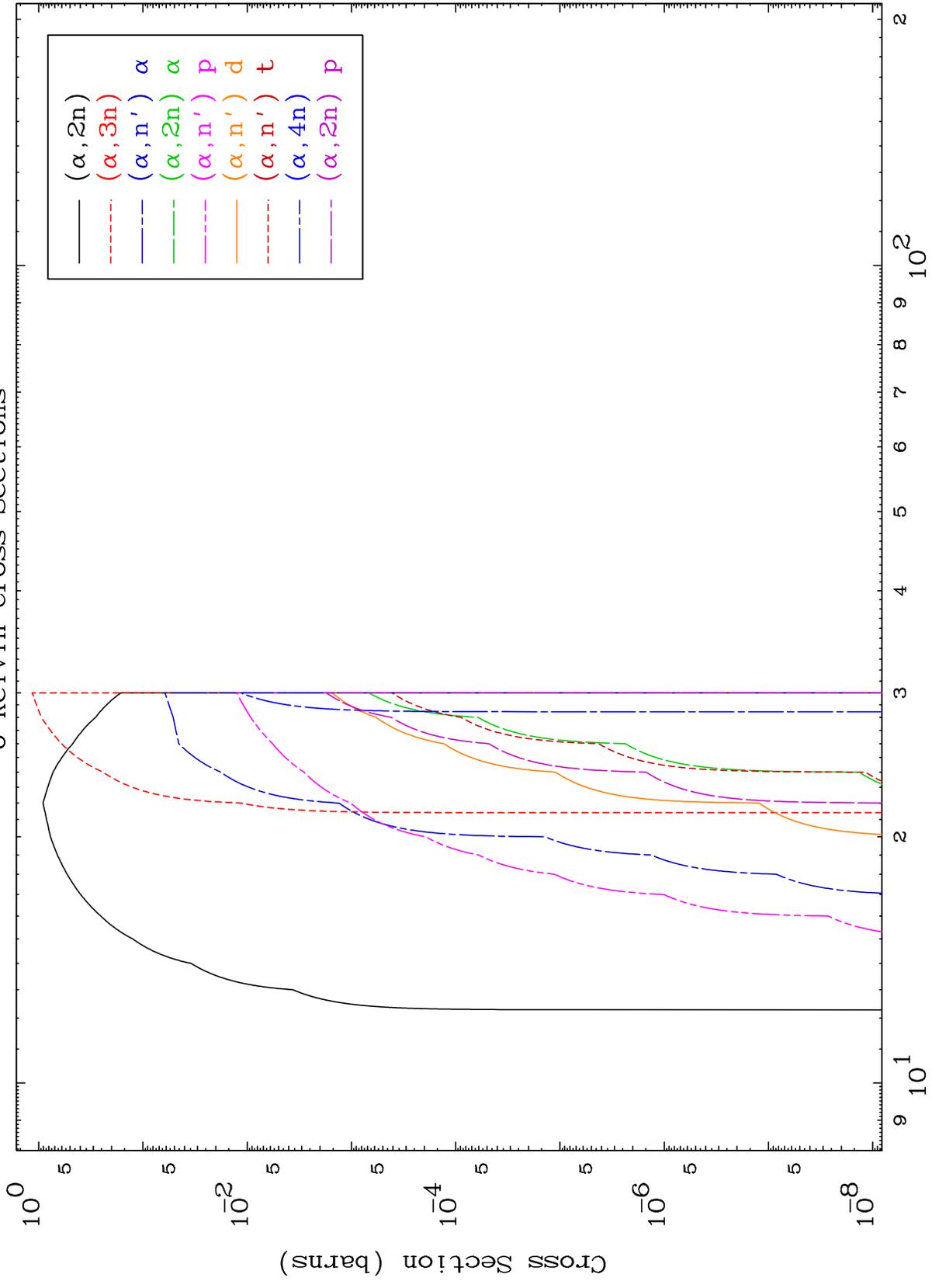
51-Sb-127



MAT 5143

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

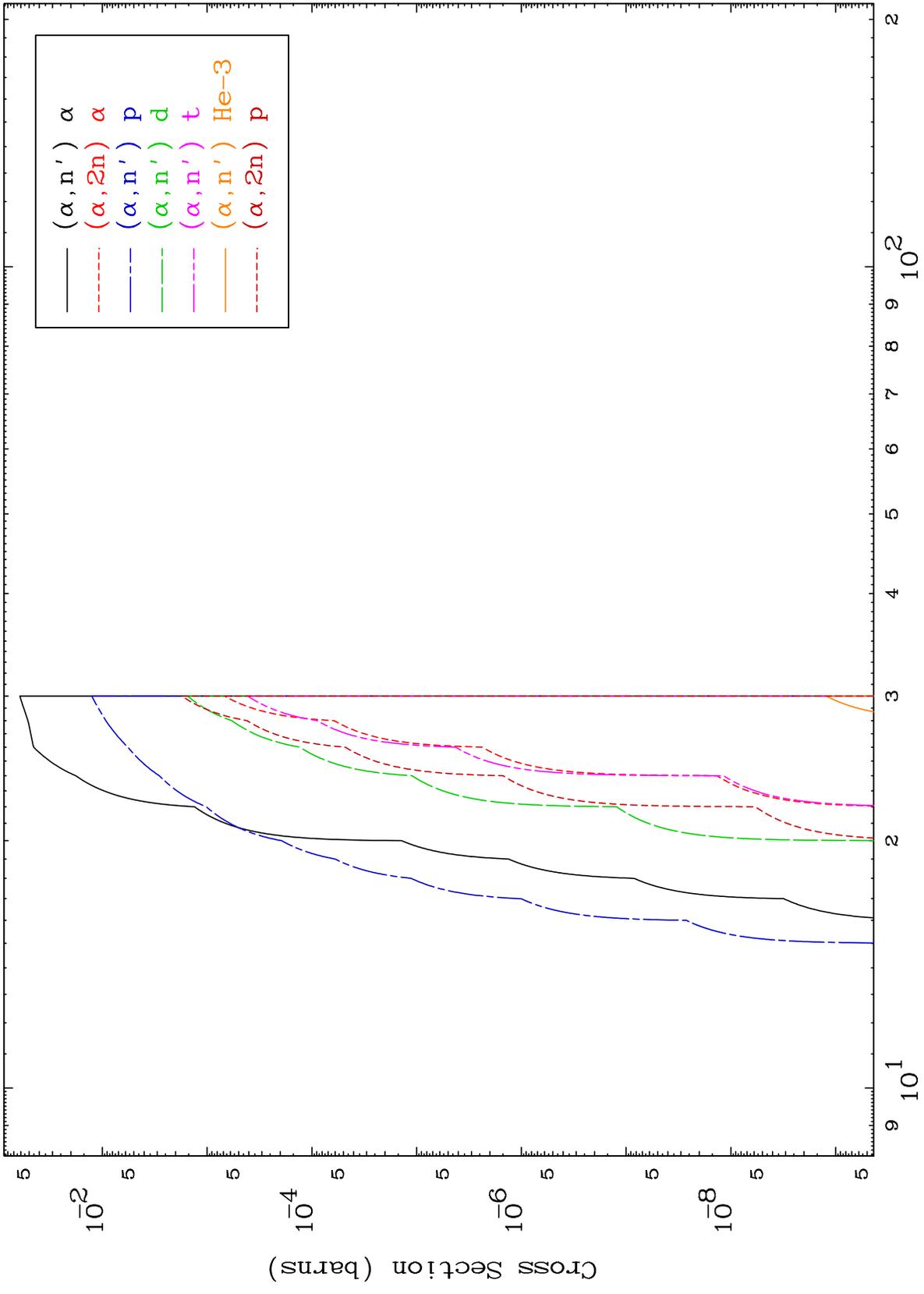
51-Sb-127



51-Sb-127

Incident Energy (MeV)

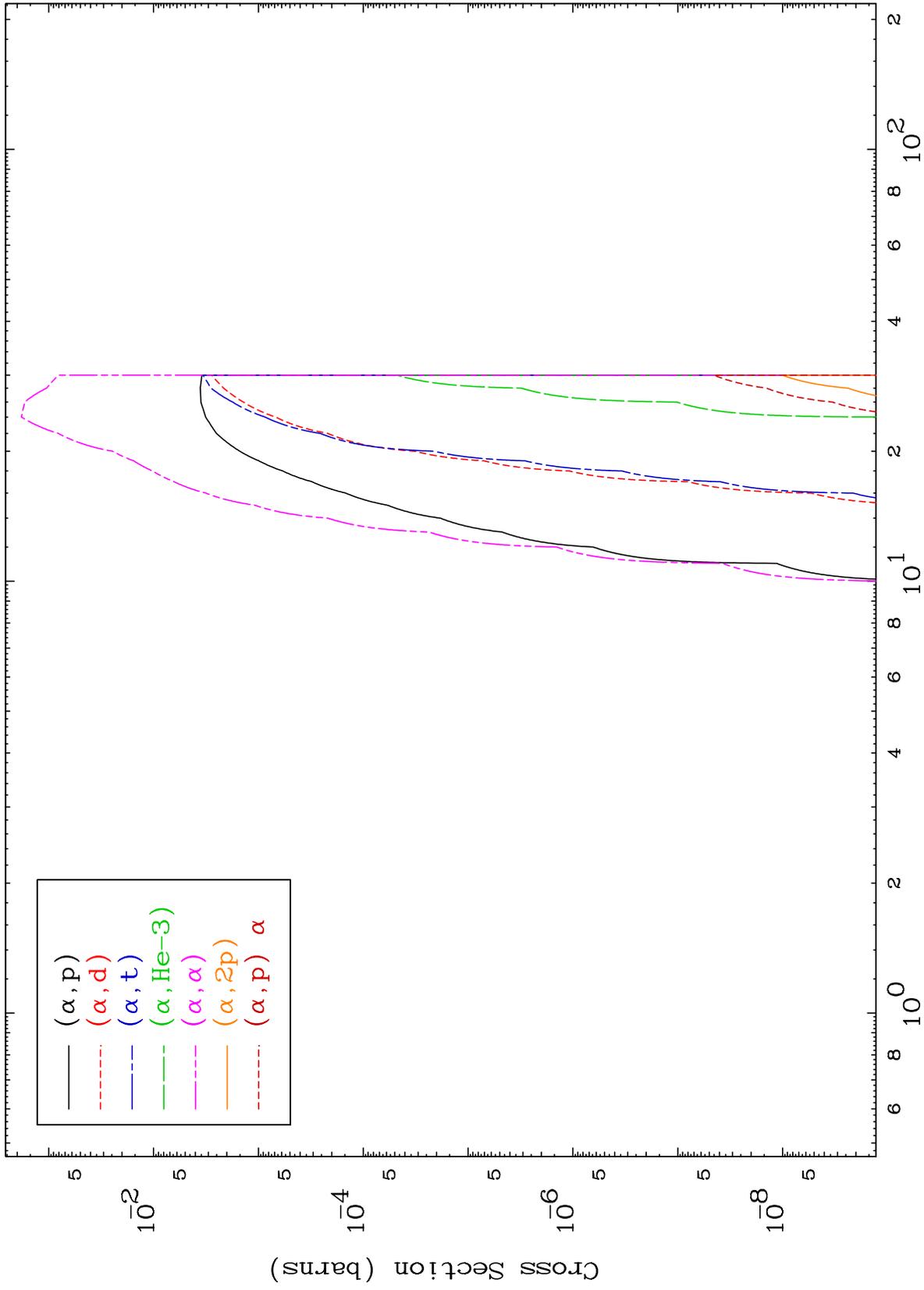
2



MAT 5143

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

51-Sb-127



4

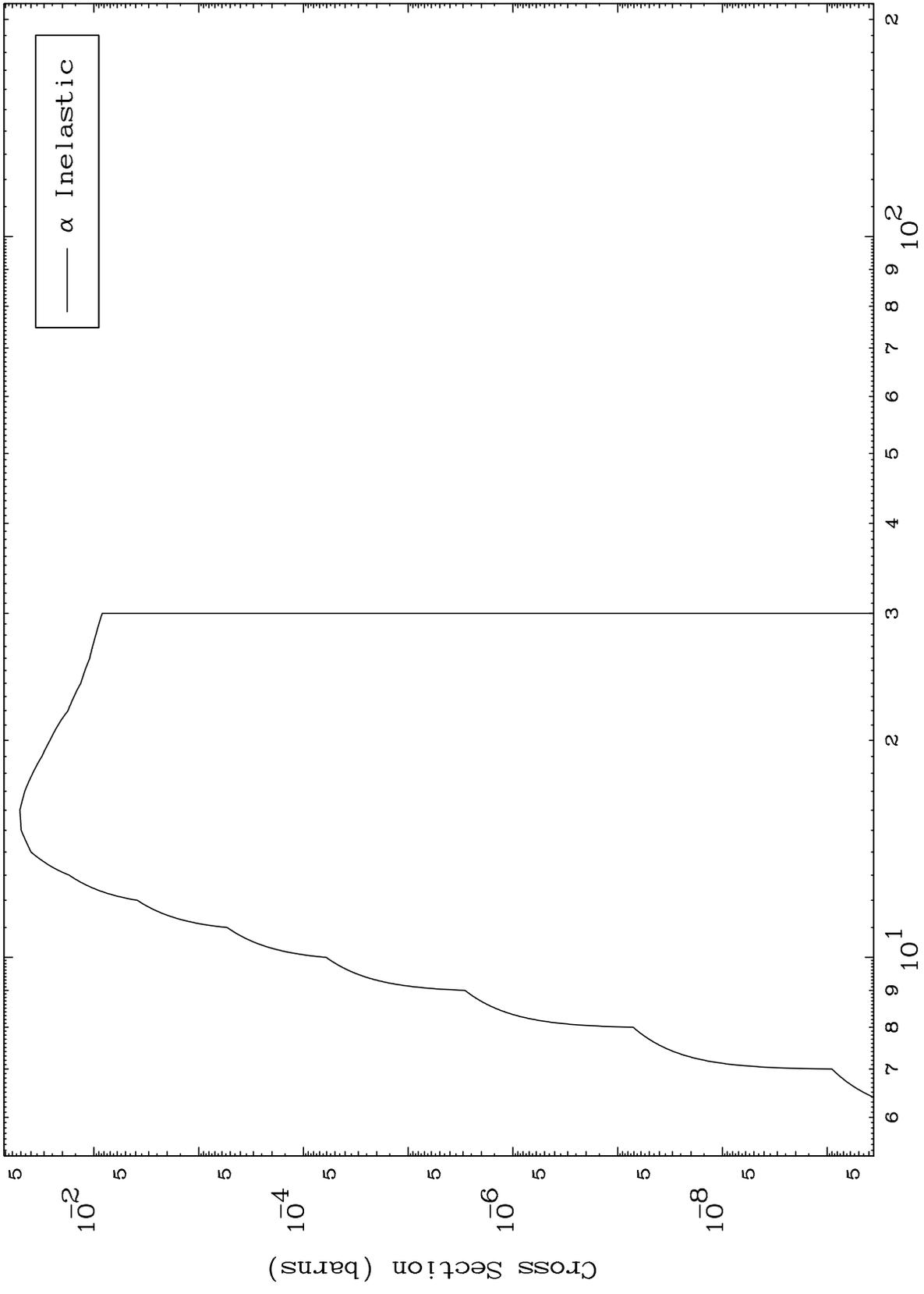
Incident Energy (MeV)

51-Sb-127

MAT 5143

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

51-Sb-127



5

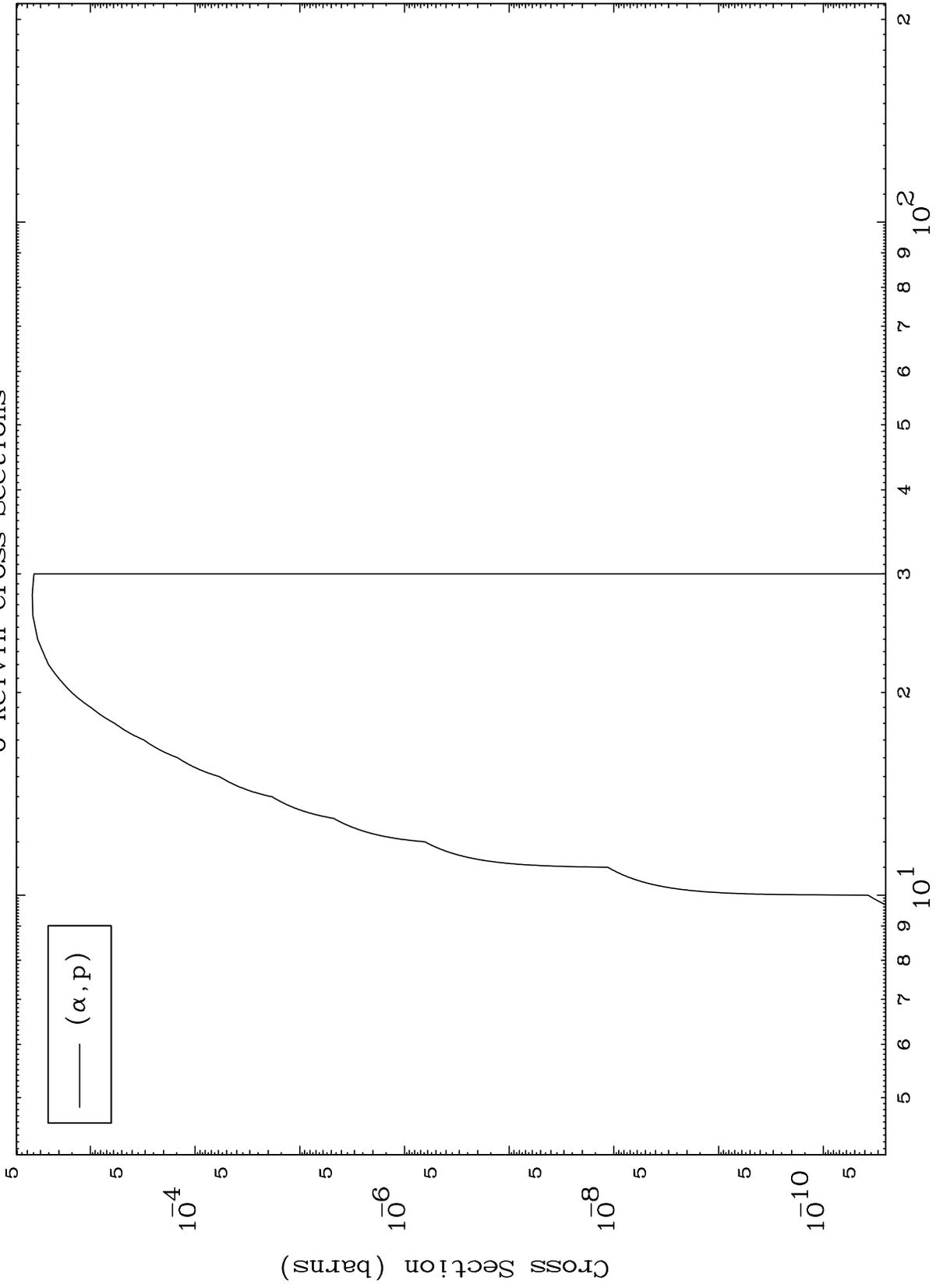
Incident Energy (MeV)

51-Sb-127

MAT 5143

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

51-Sb-127



6

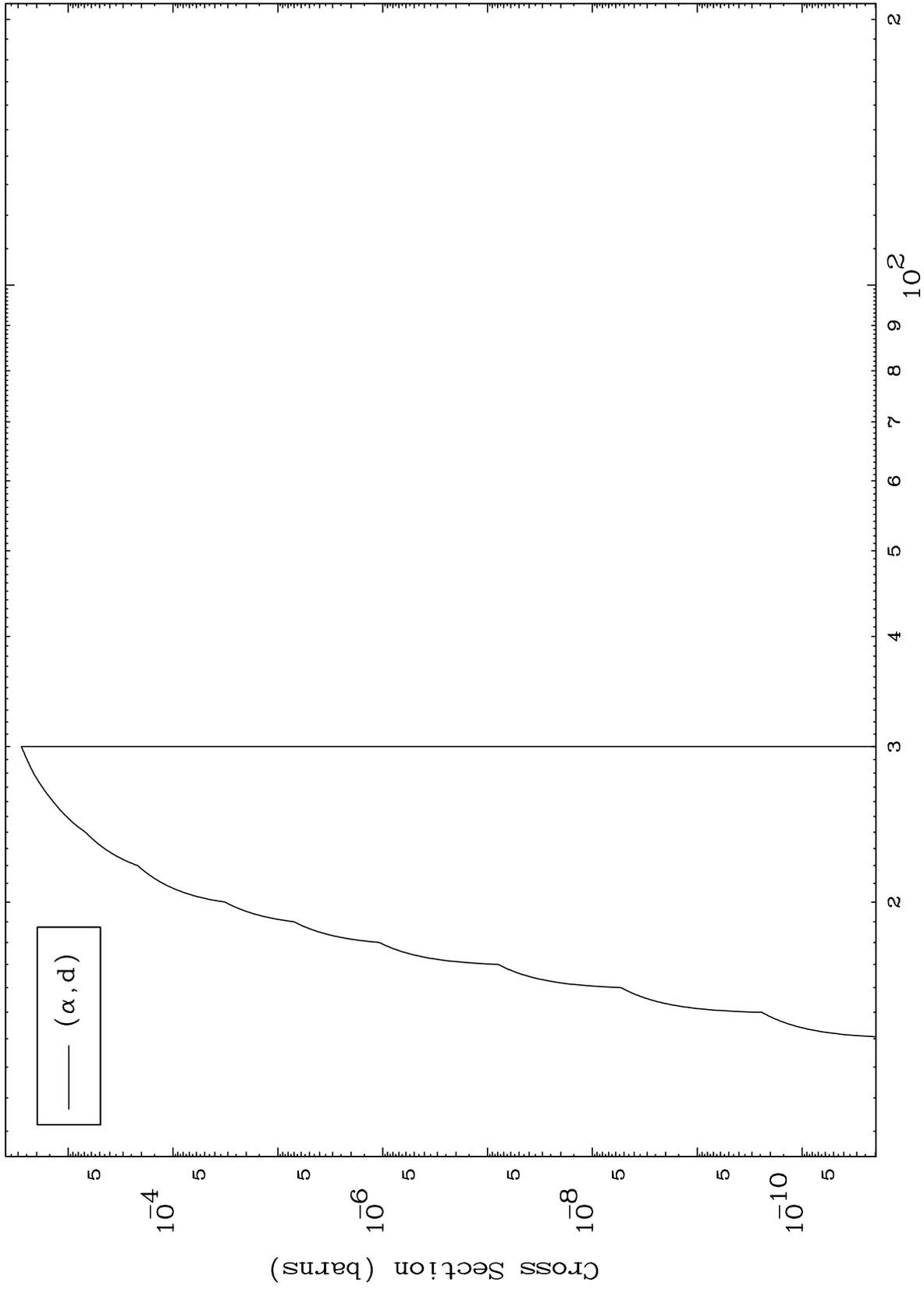
Incident Energy (MeV)

51-Sb-127

MAT 5143

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

51-Sb-127



7

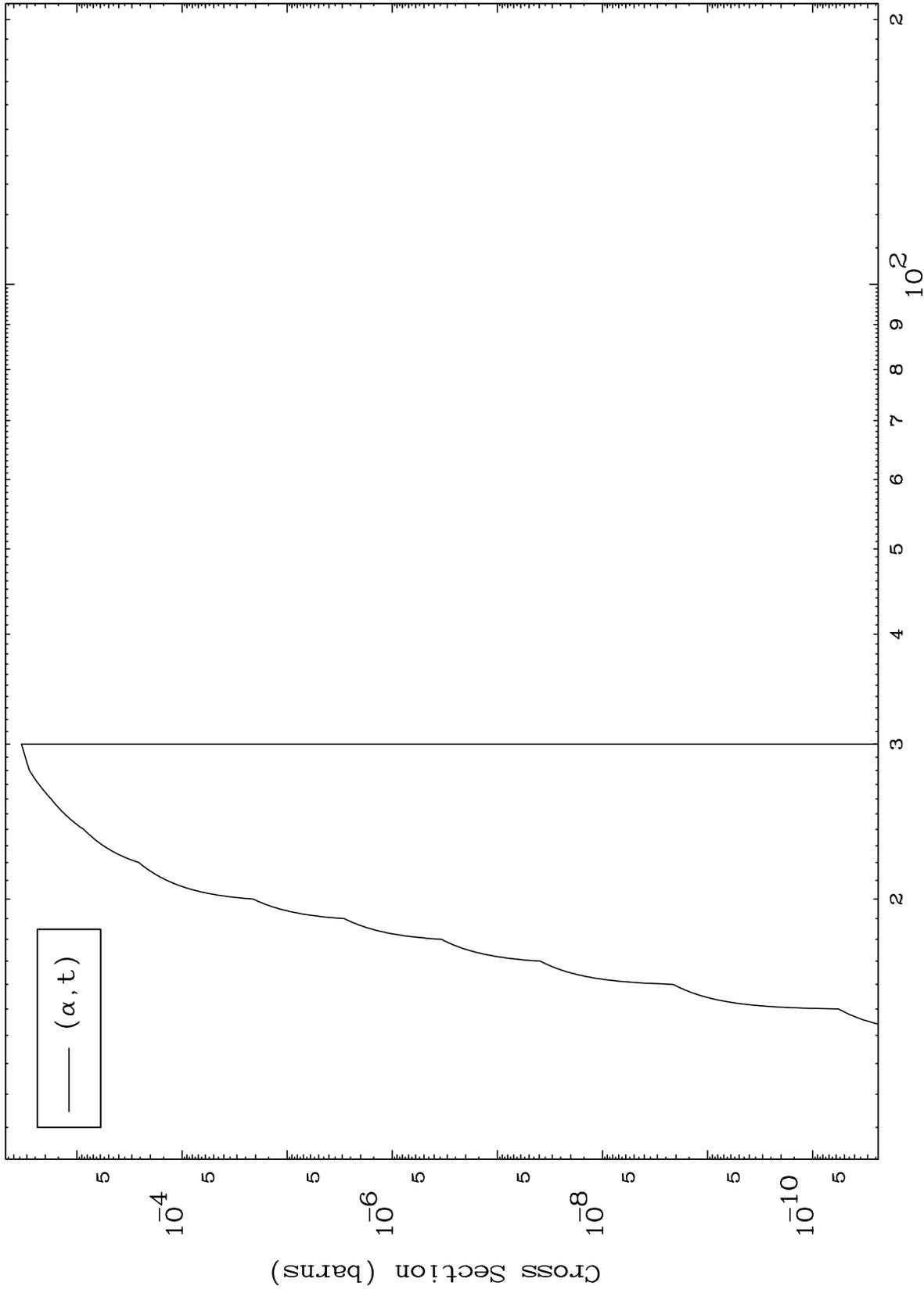
Incident Energy (MeV)

51-Sb-127

MAT 5143

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

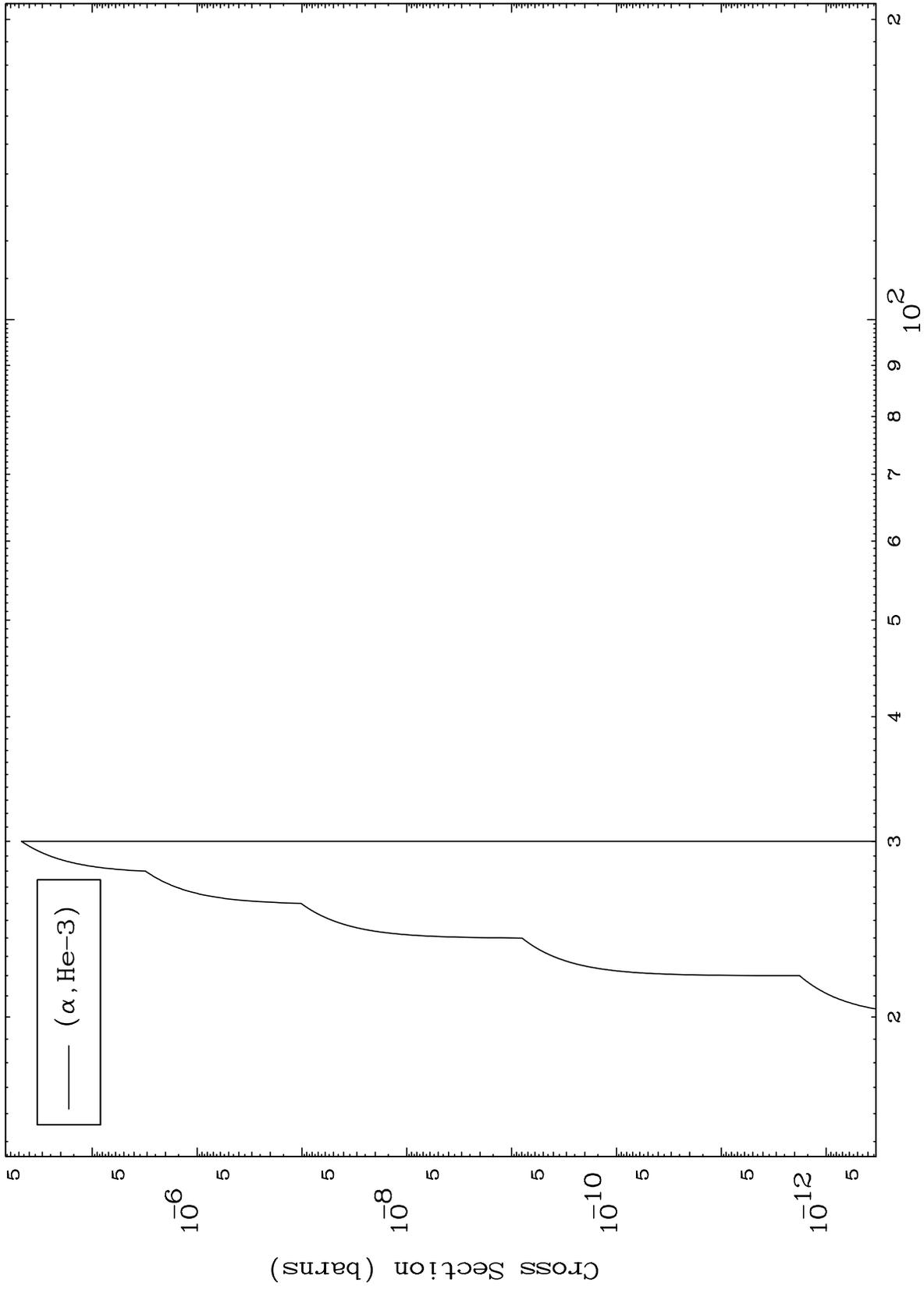
51-Sb-127



8

Incident Energy (MeV)

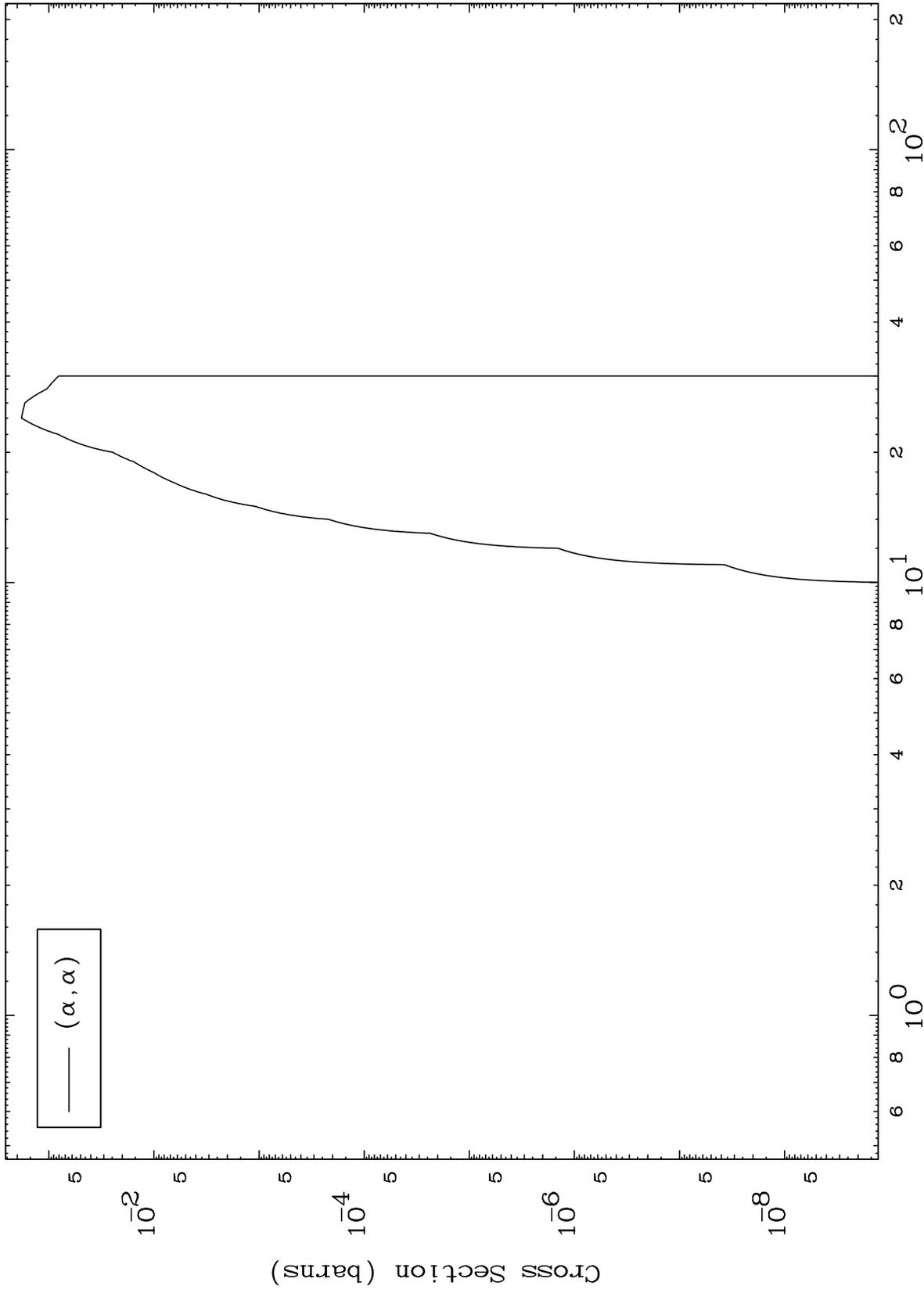
51-Sb-127



MAT 5143

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

51-Sb-127



10

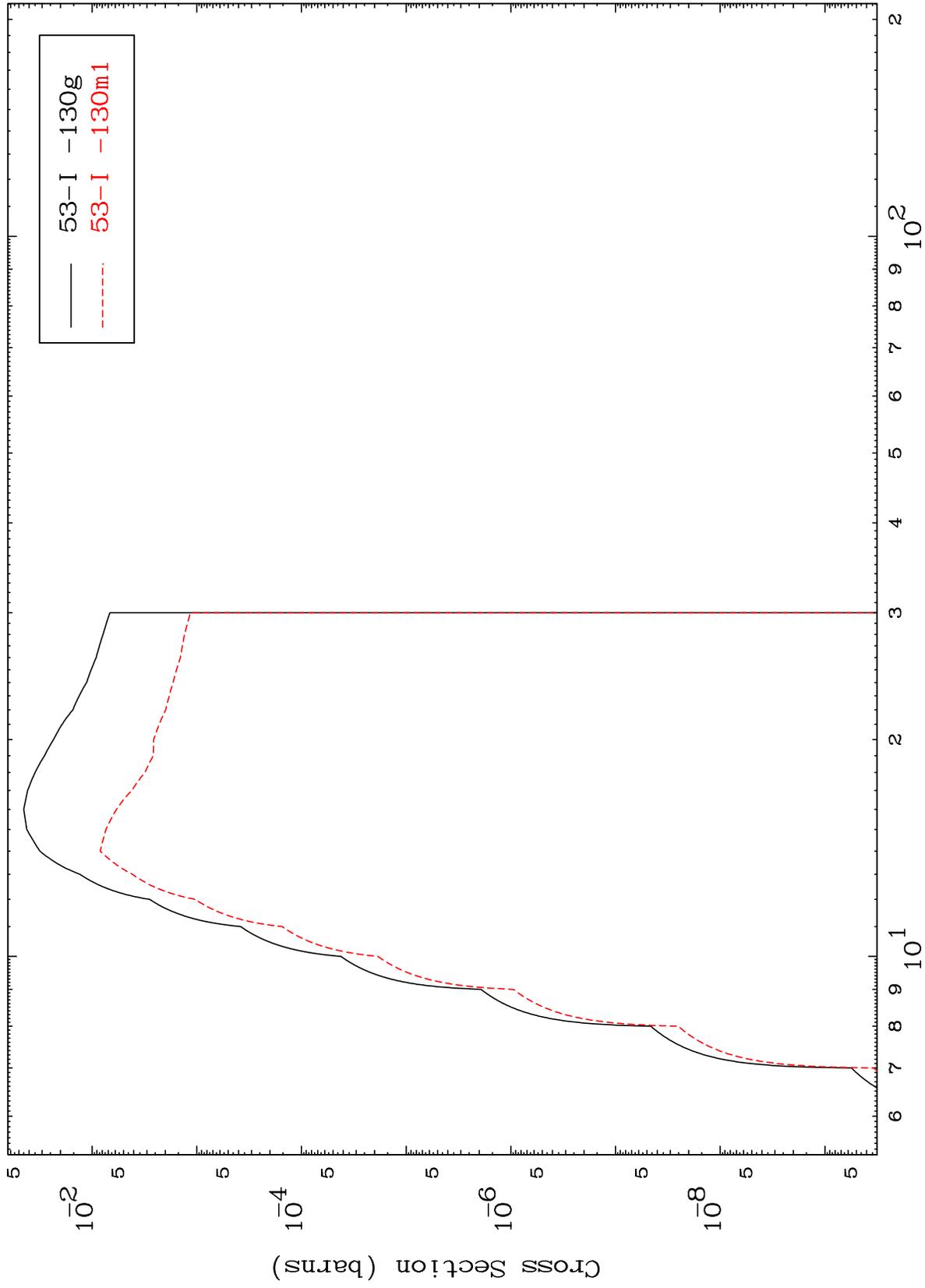
Incident Energy (MeV)

51-Sb-127

MAT 5143

51-Sb-127

Radionuclide Production Cross Section  
 $\alpha$  Inelastic



51-Sb-127

Incident Energy (MeV)

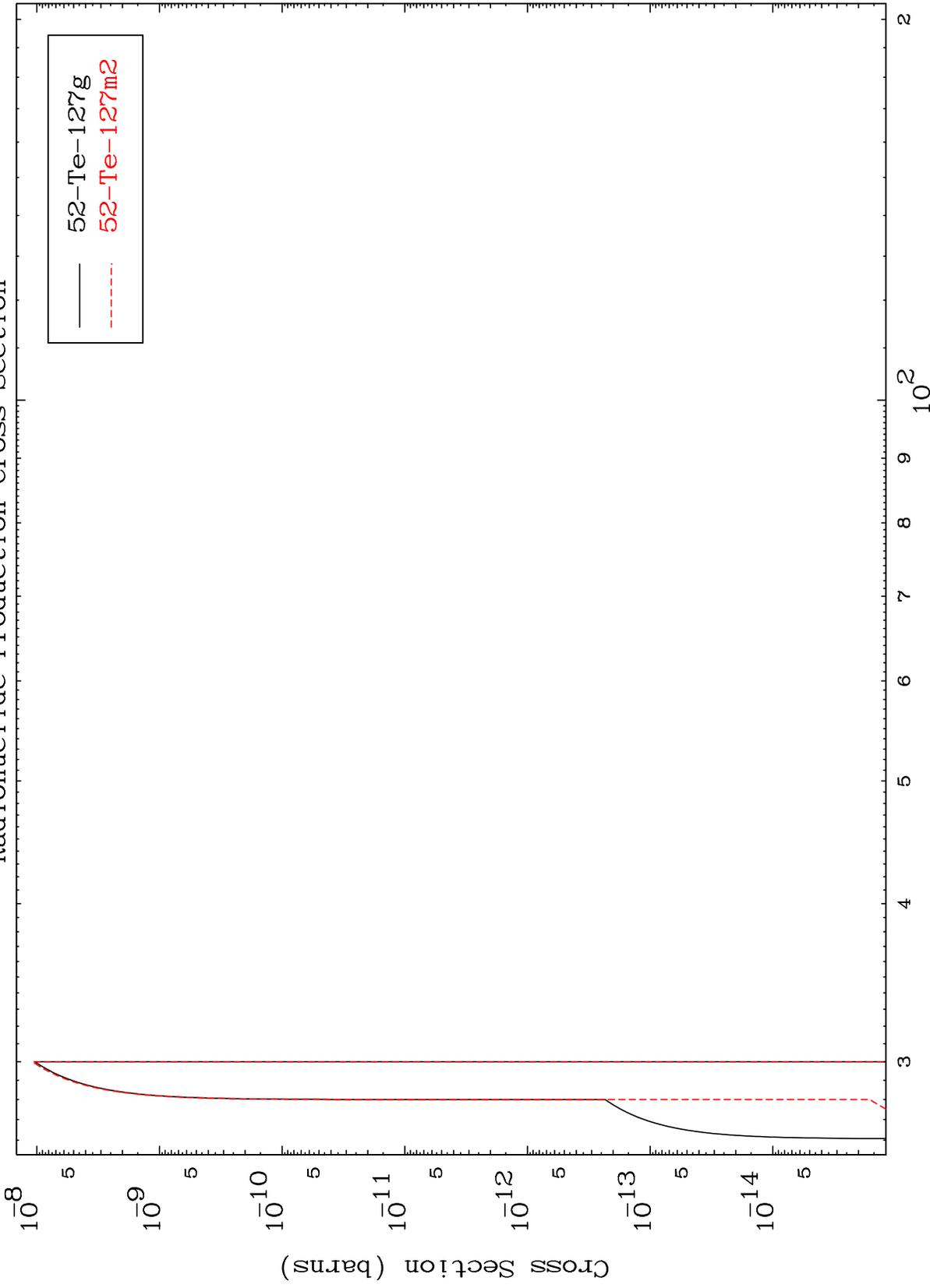
11

MAT 5143

( $\alpha, 2n$ ) d

51-Sb-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

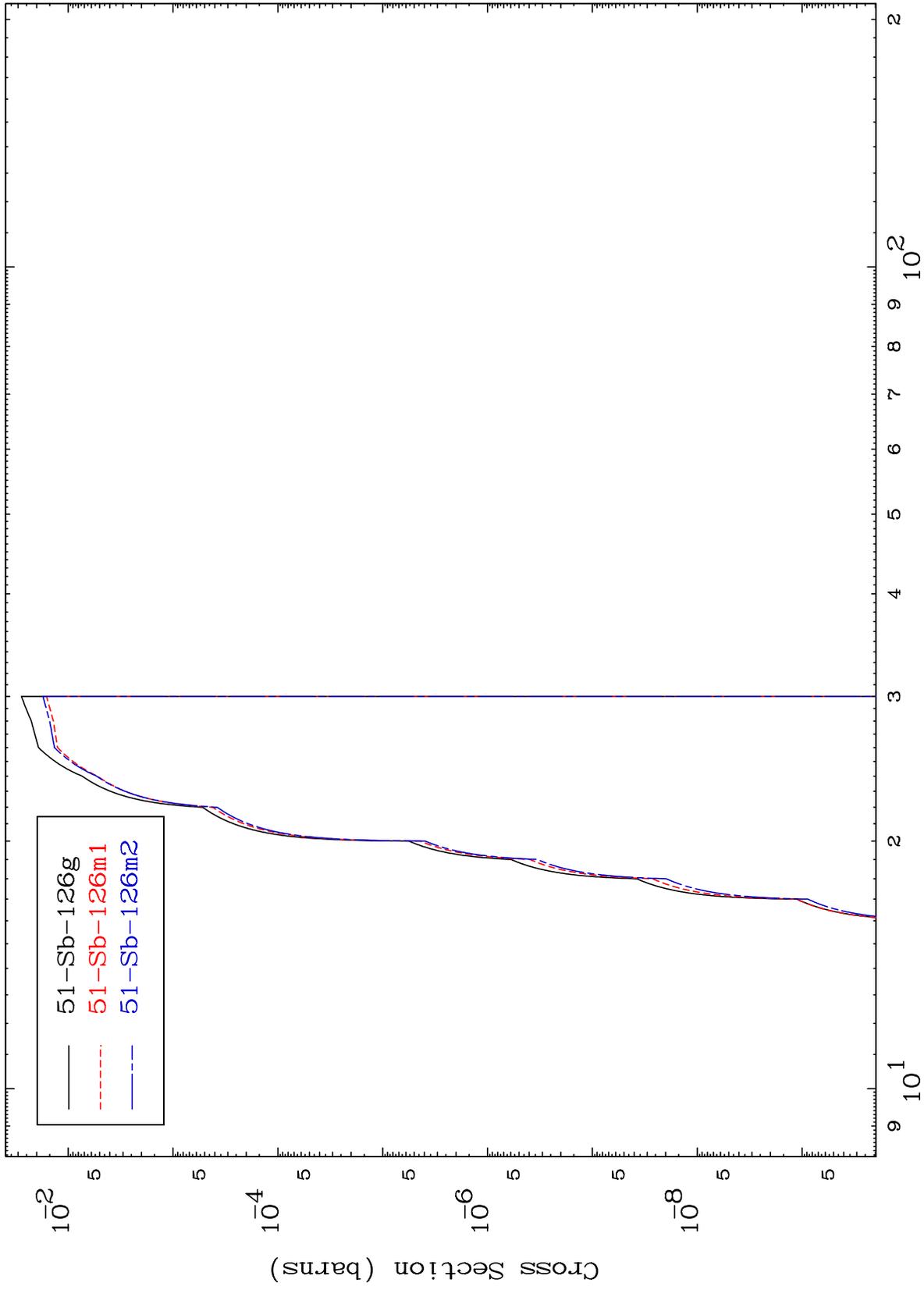
51-Sb-127

MAT 5143

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

51-Sb-127

Radionuclide Production Cross Section



13

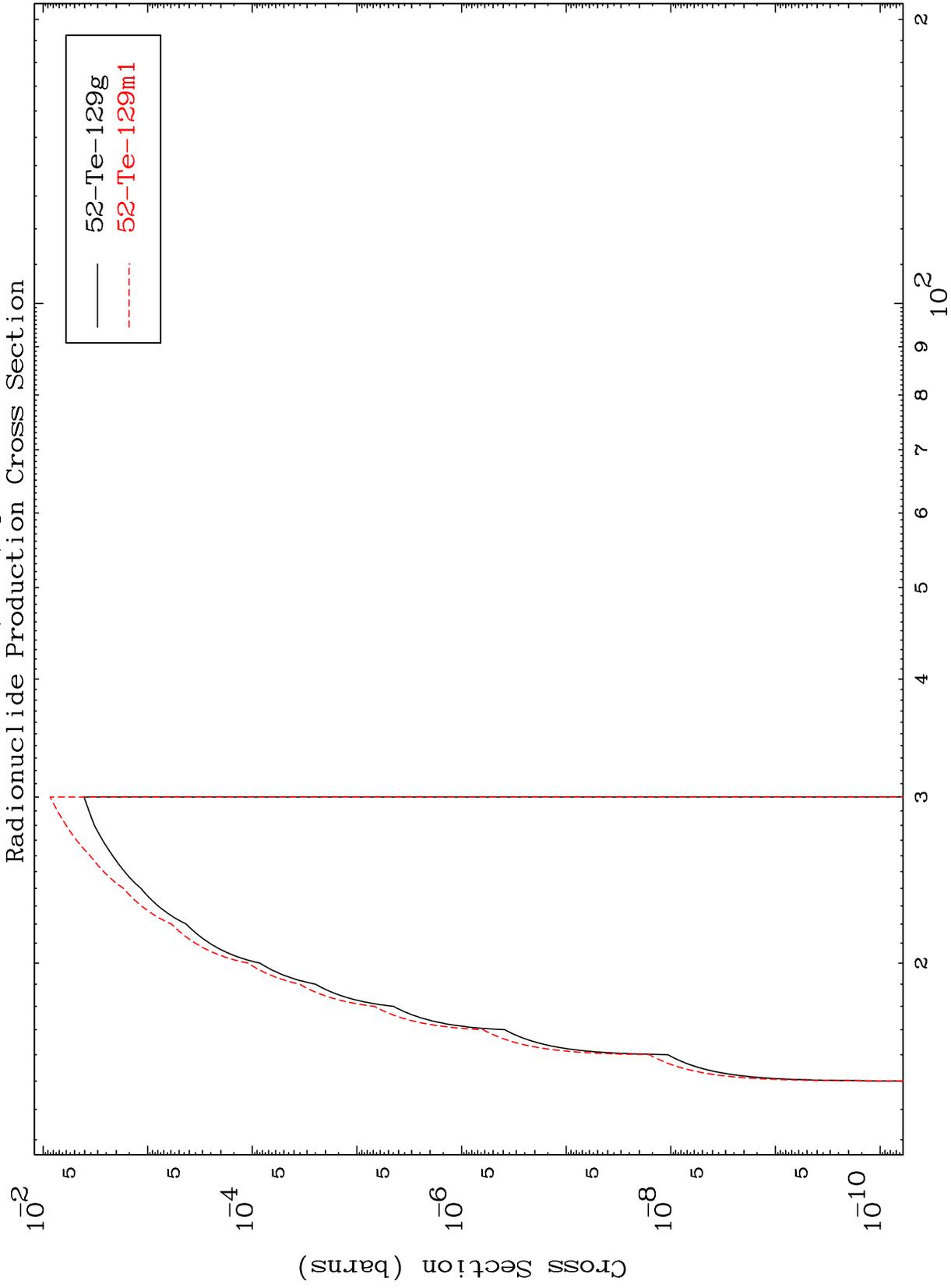
Incident Energy (MeV)

51-Sb-127

MAT 5143

$(\alpha, n')$  p

51-Sb-127



14

Incident Energy (MeV)

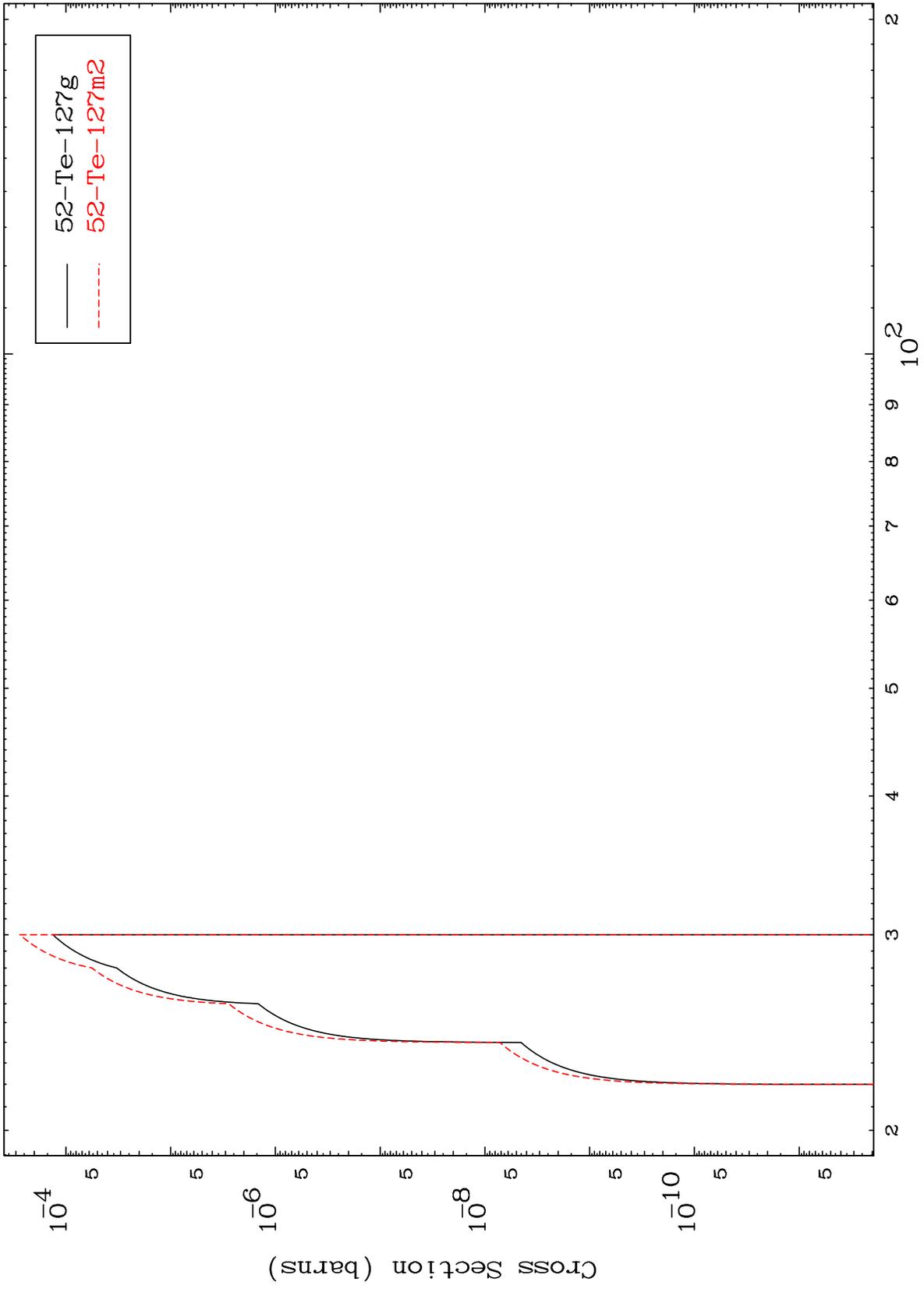
51-Sb-127

MAT 5143

( $\alpha, n'$ ) t

51-Sb-127

Radionuclide Production Cross Section



15

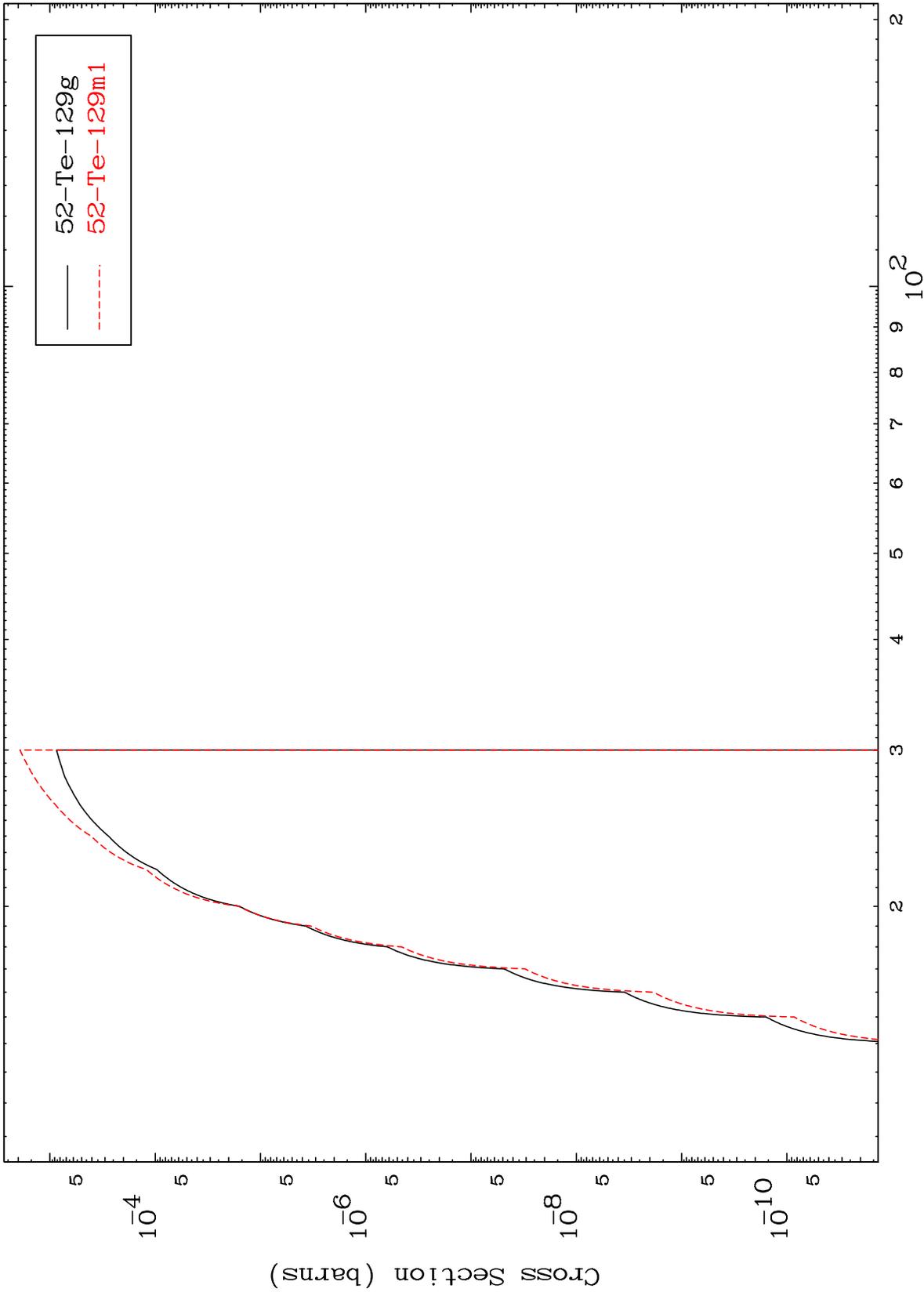
Incident Energy (MeV)

51-Sb-127

MAT 5143

51-Sb-127

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



16

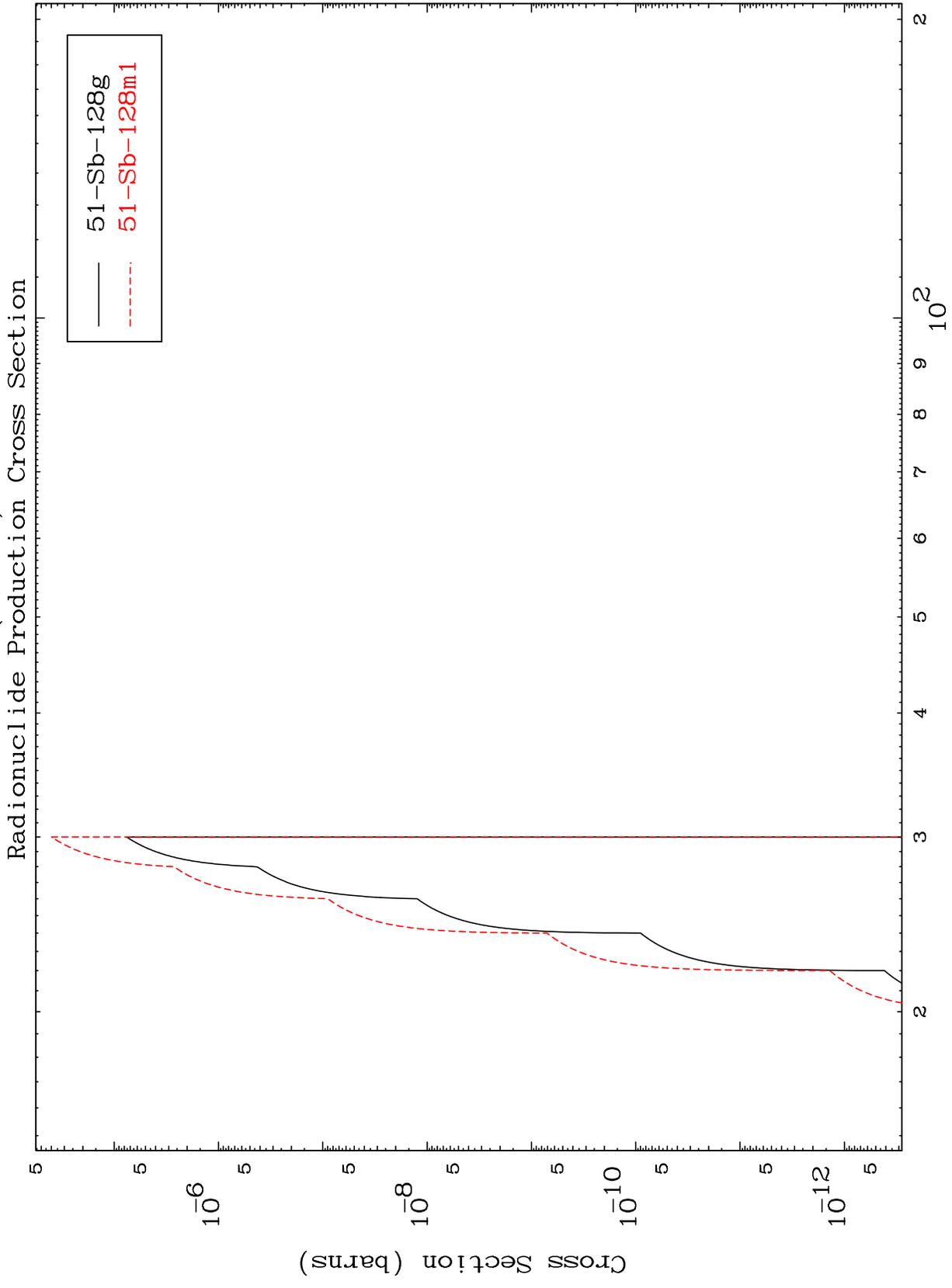
Incident Energy (MeV)

51-Sb-127

MAT 5143

( $\alpha, \text{He-3}$ )

51-Sb-127



17

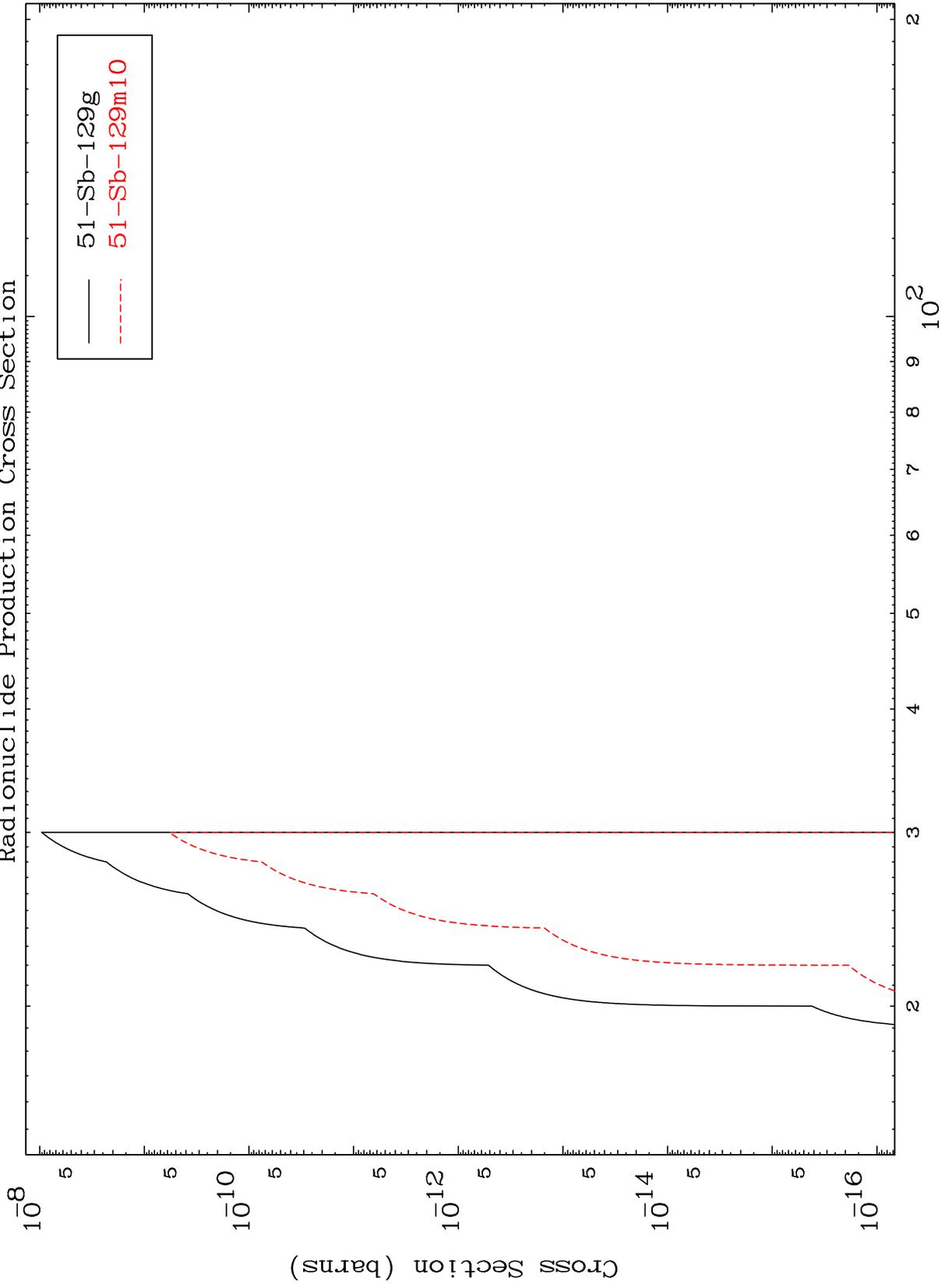
Incident Energy (MeV)

51-Sb-127

MAT 5143

51-Sb-127

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



18

51-Sb-127

Incident Energy (MeV)