

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

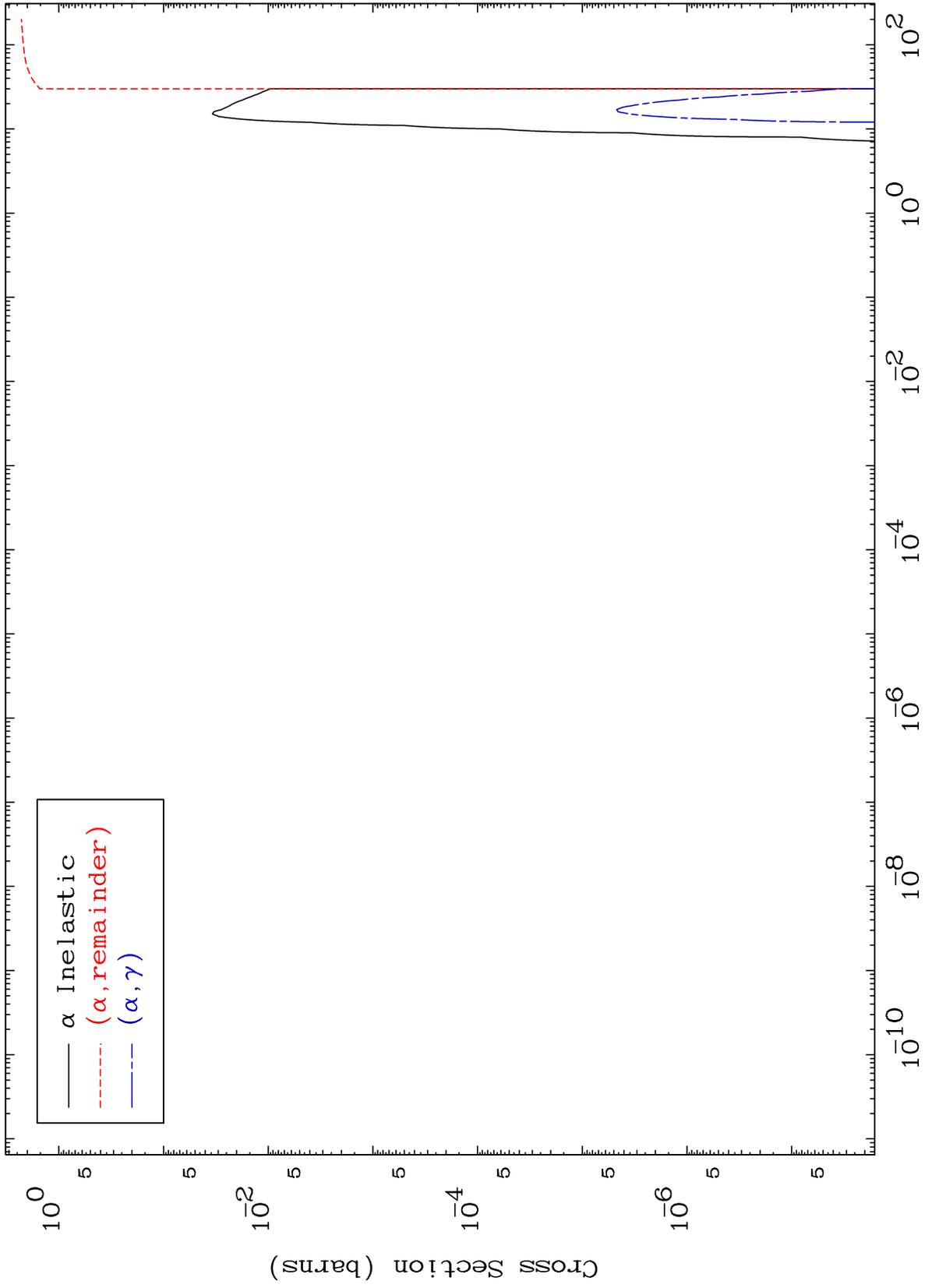
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5147

0 Kelvin  $\alpha$  Major  
Cross Sections

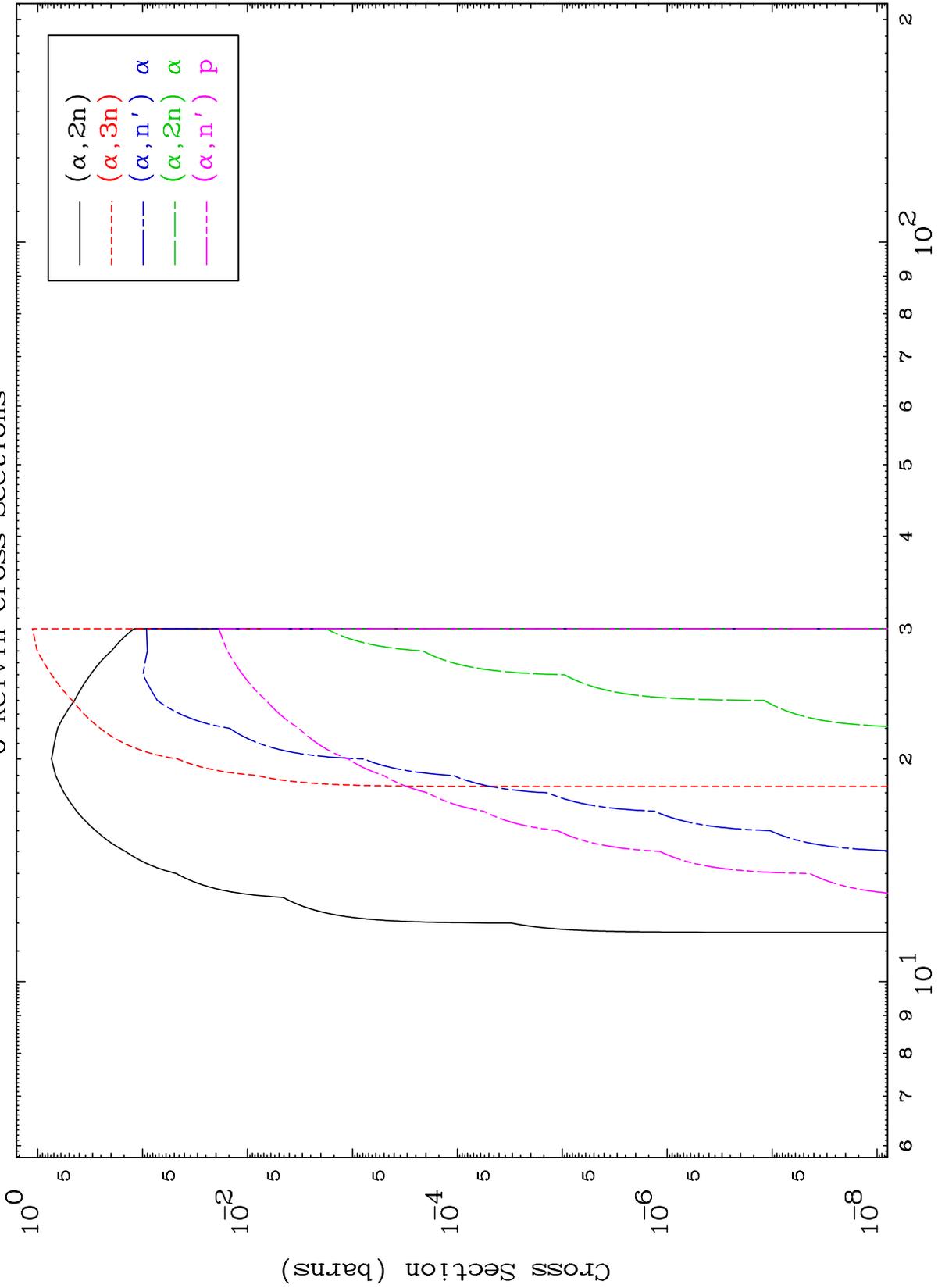
51-Sb-128

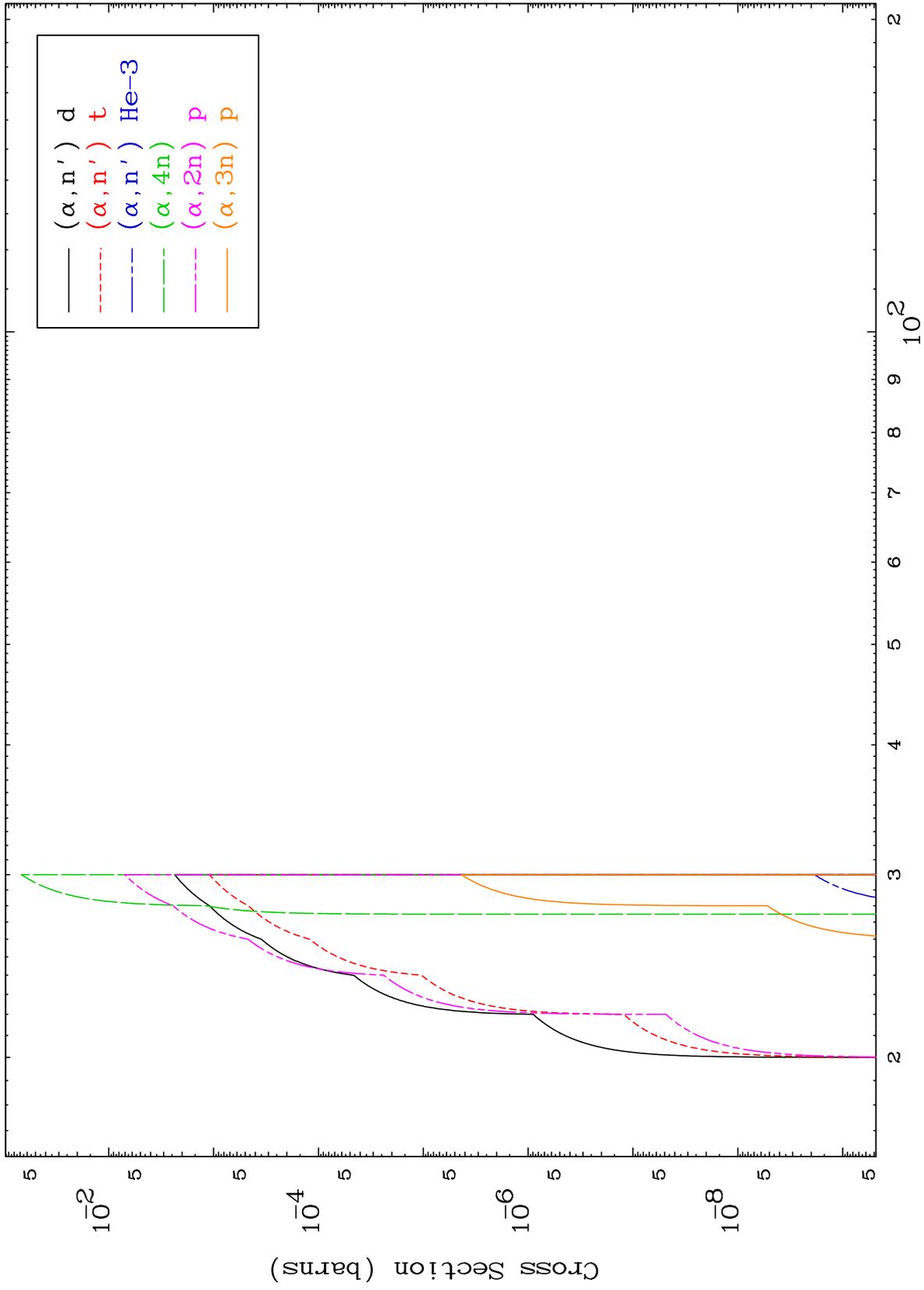


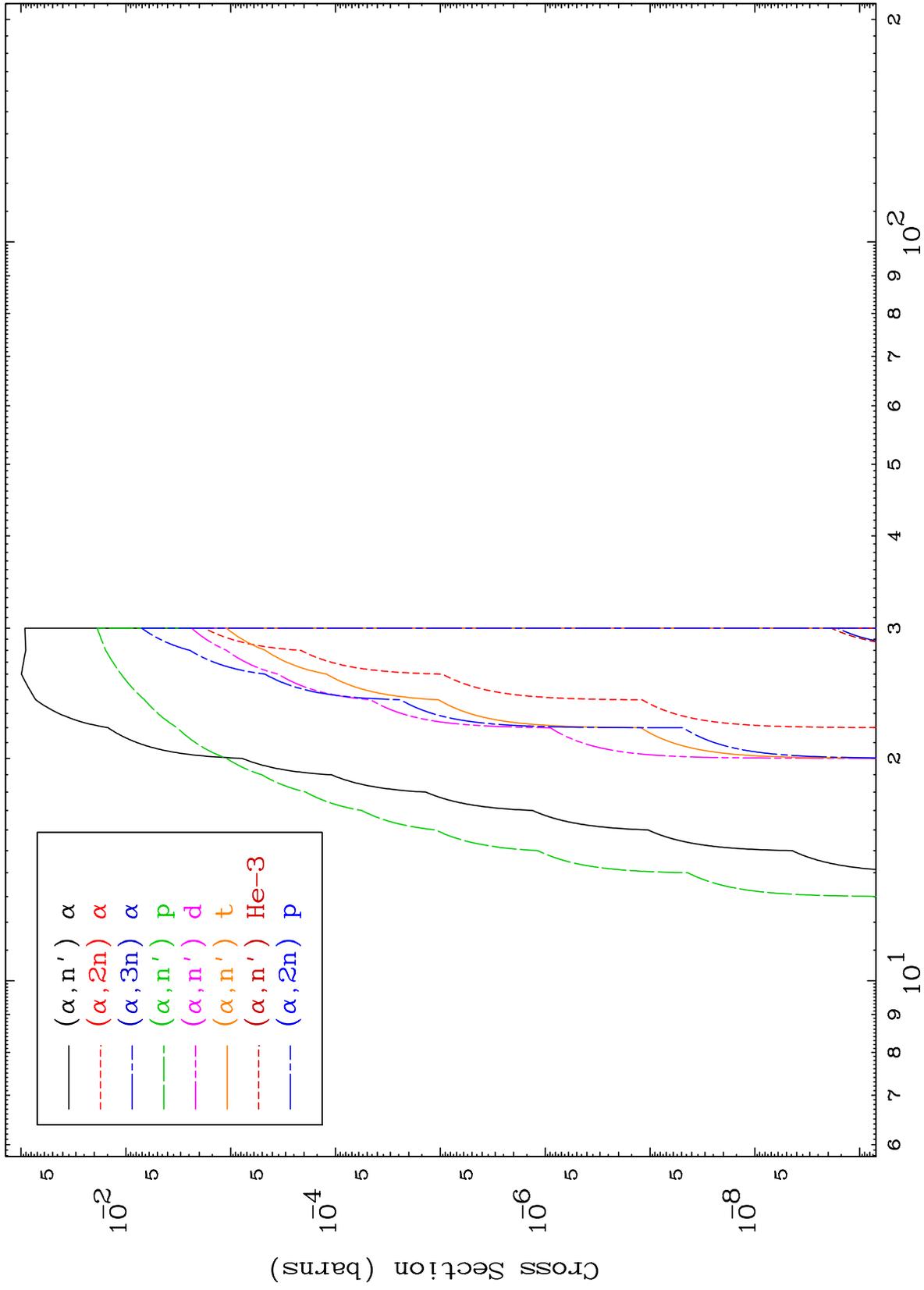
1

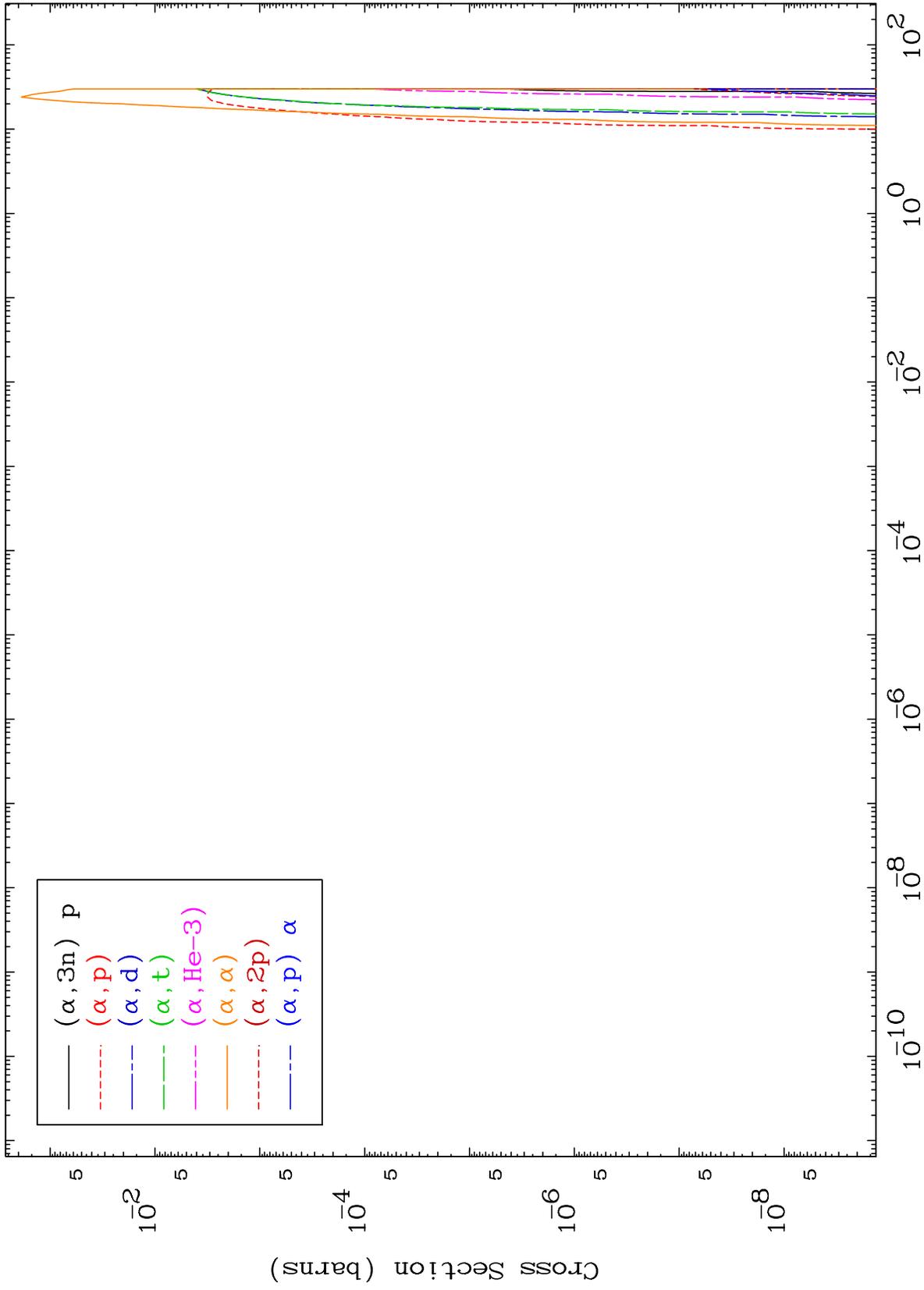
Incident Energy (MeV)

51-Sb-128





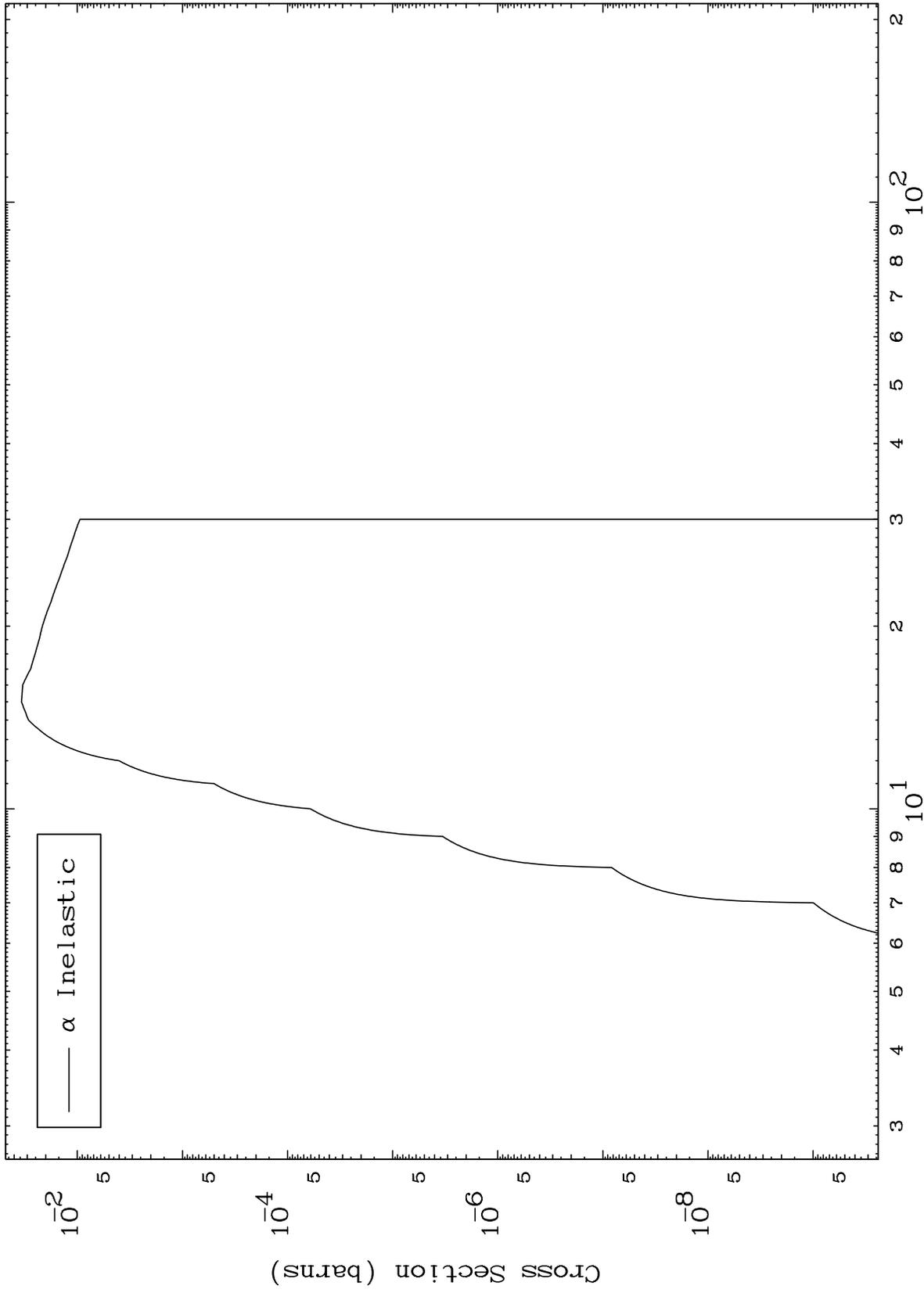




MAT 5147

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

51-Sb-128



6

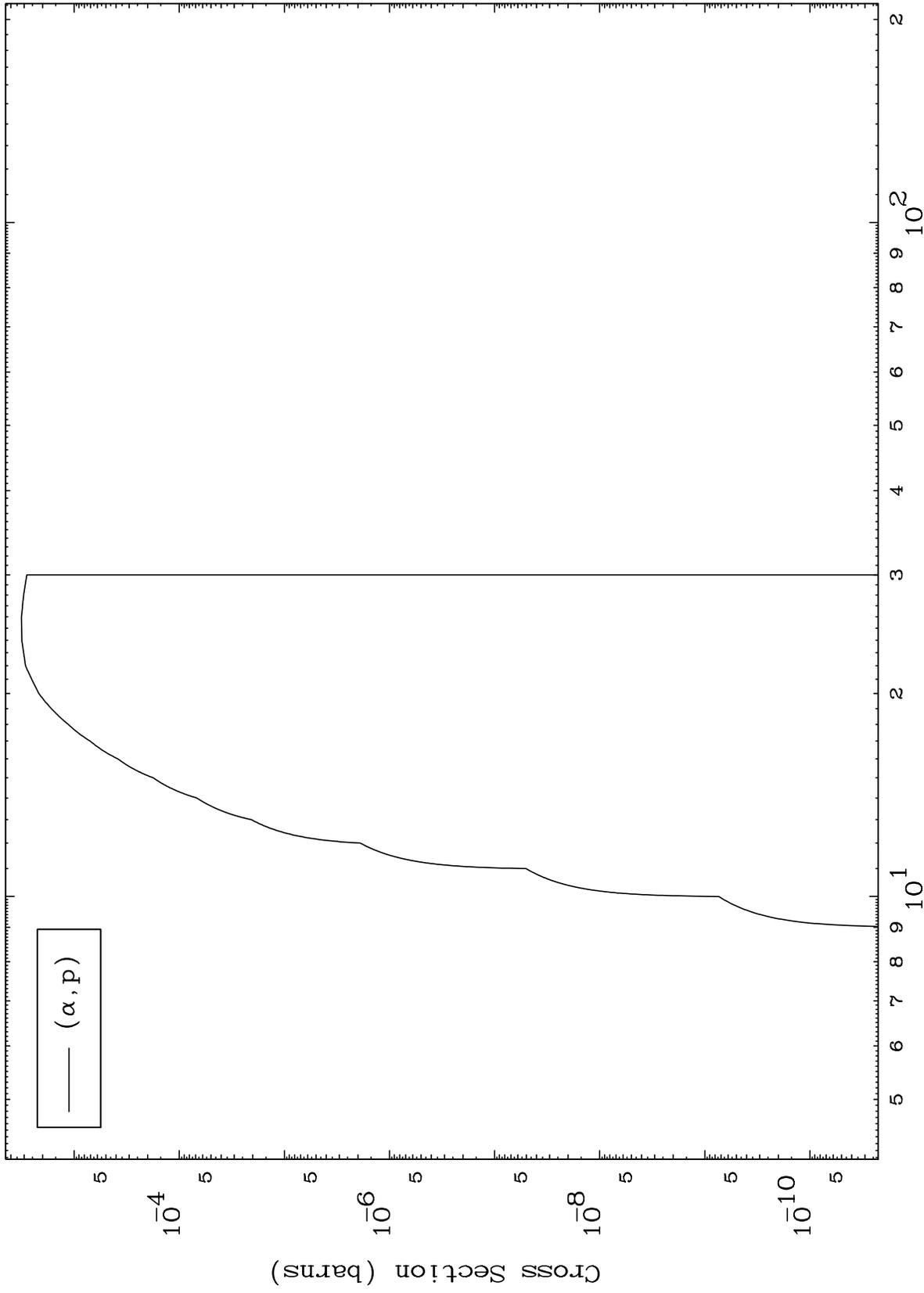
Incident Energy (MeV)

51-Sb-128

MAT 5147

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

51-Sb-128



7

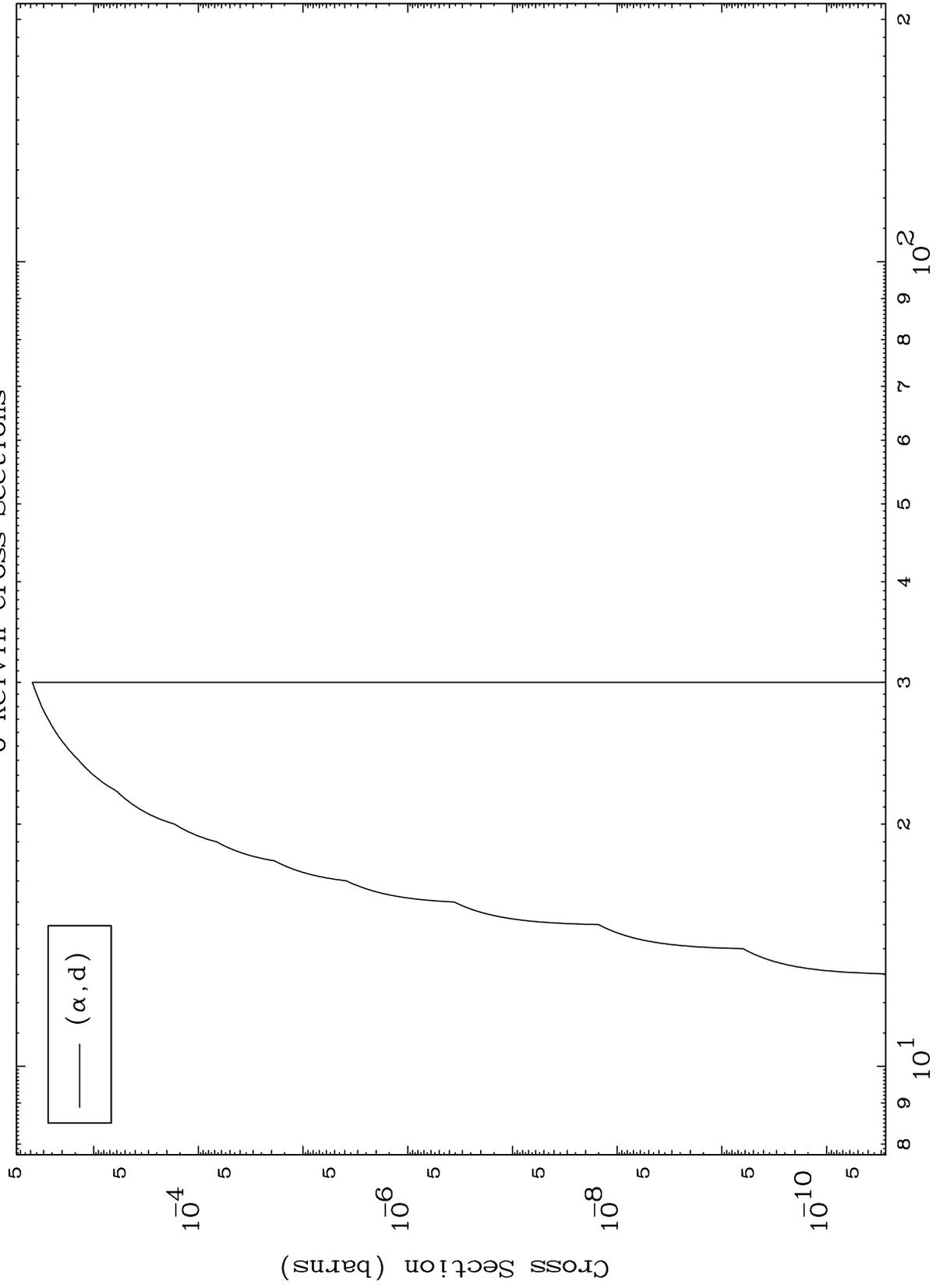
Incident Energy (MeV)

51-Sb-128

MAT 5147

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

51-Sb-128



8

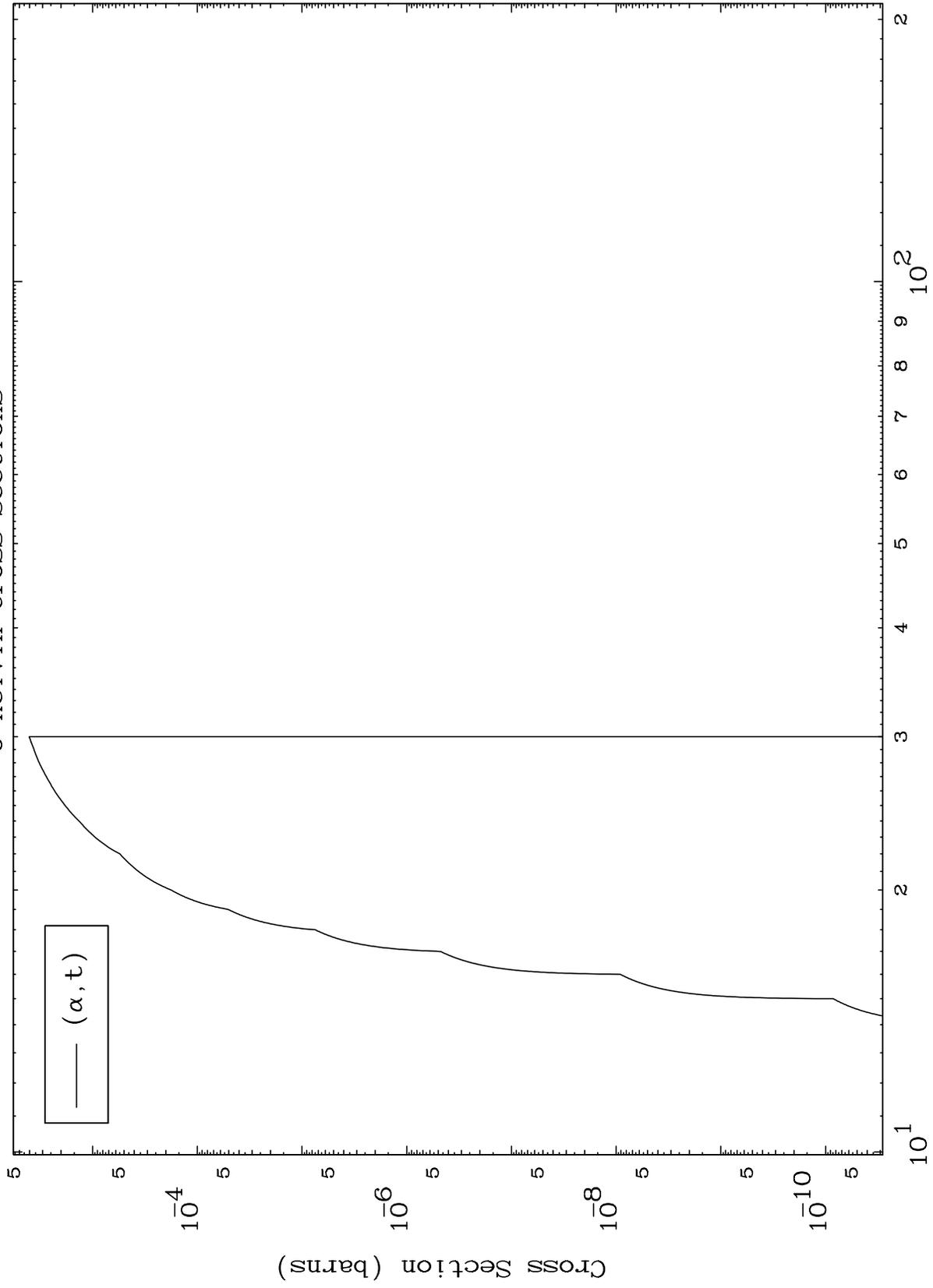
Incident Energy (MeV)

51-Sb-128

MAT 5147

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

51-Sb-128



9

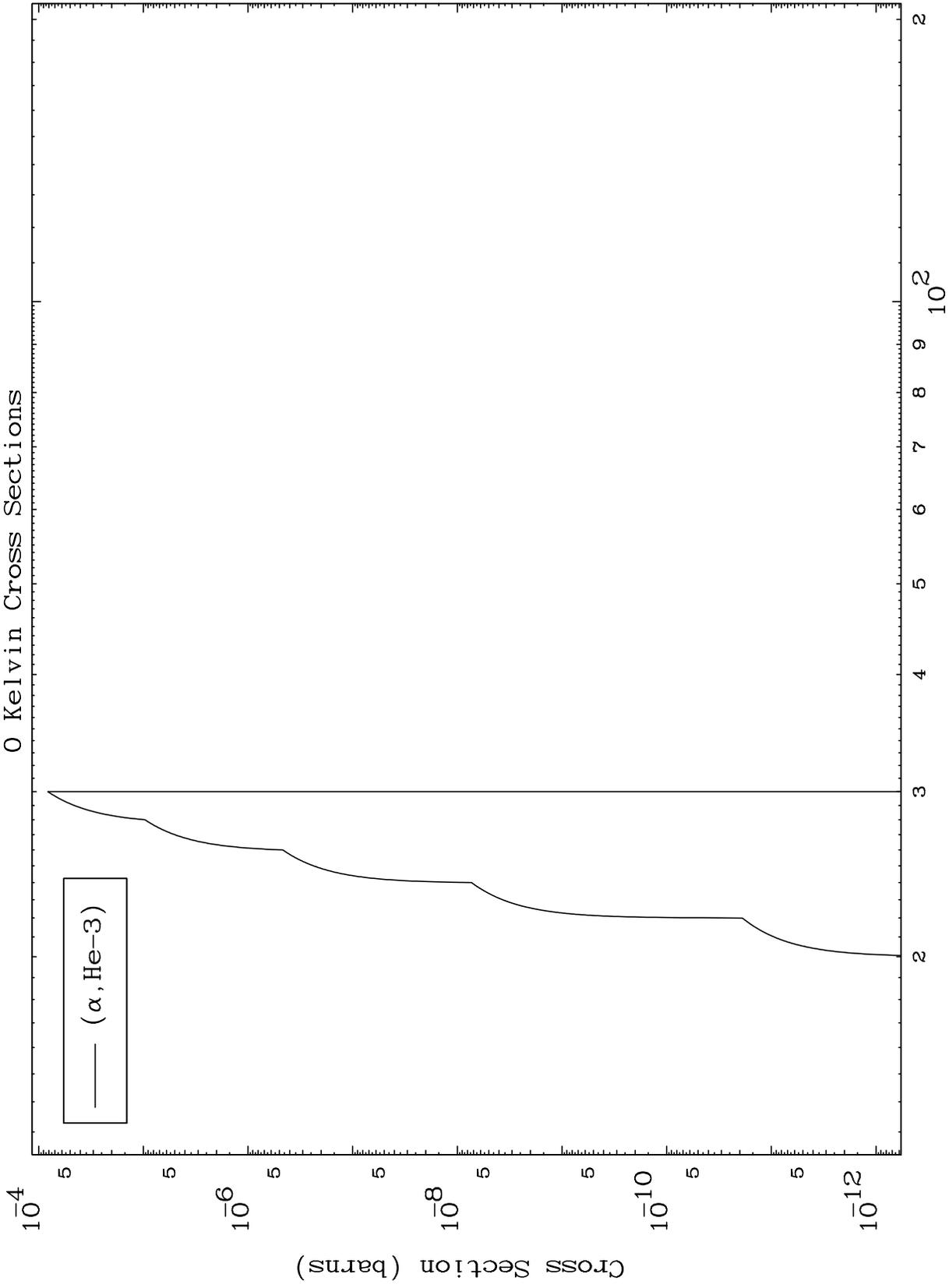
Incident Energy (MeV)

51-Sb-128

MAT 5147

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

51-Sb-128



10

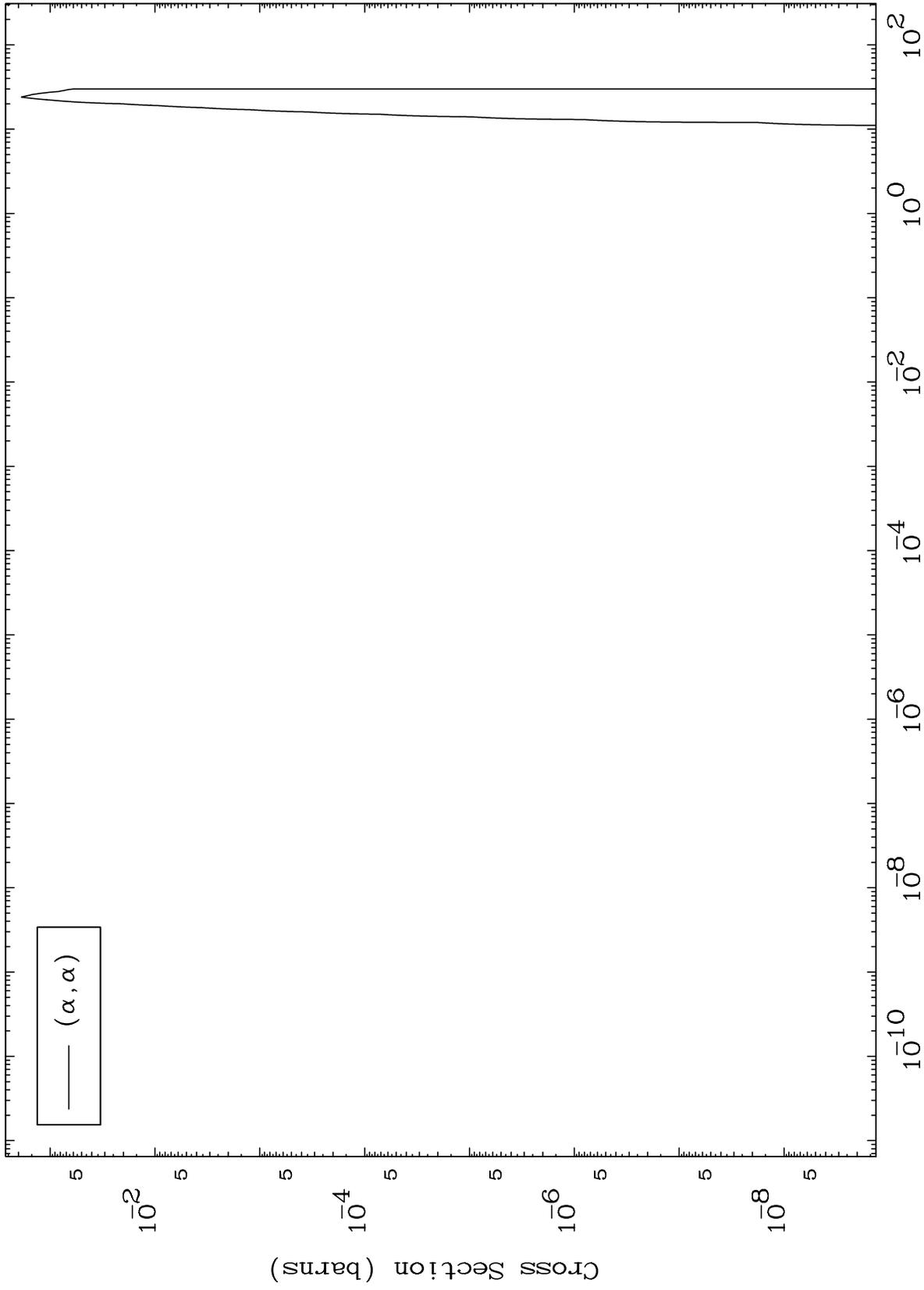
Incident Energy (MeV)

51-Sb-128

MAT 5147

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

51-Sb-128



11

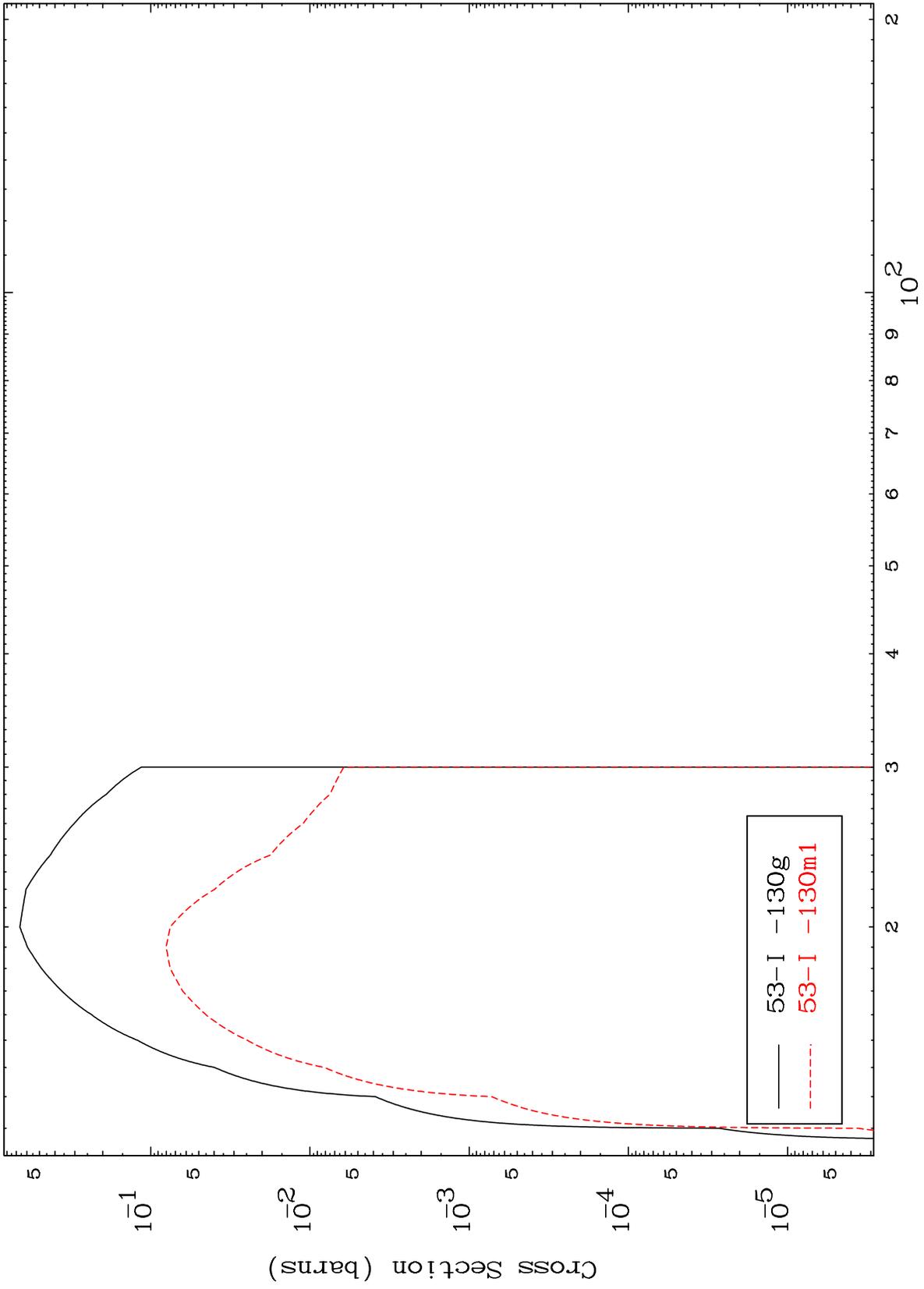
Incident Energy (MeV)

51-Sb-128

MAT 5147

51-Sb-128

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



12

Incident Energy (MeV)

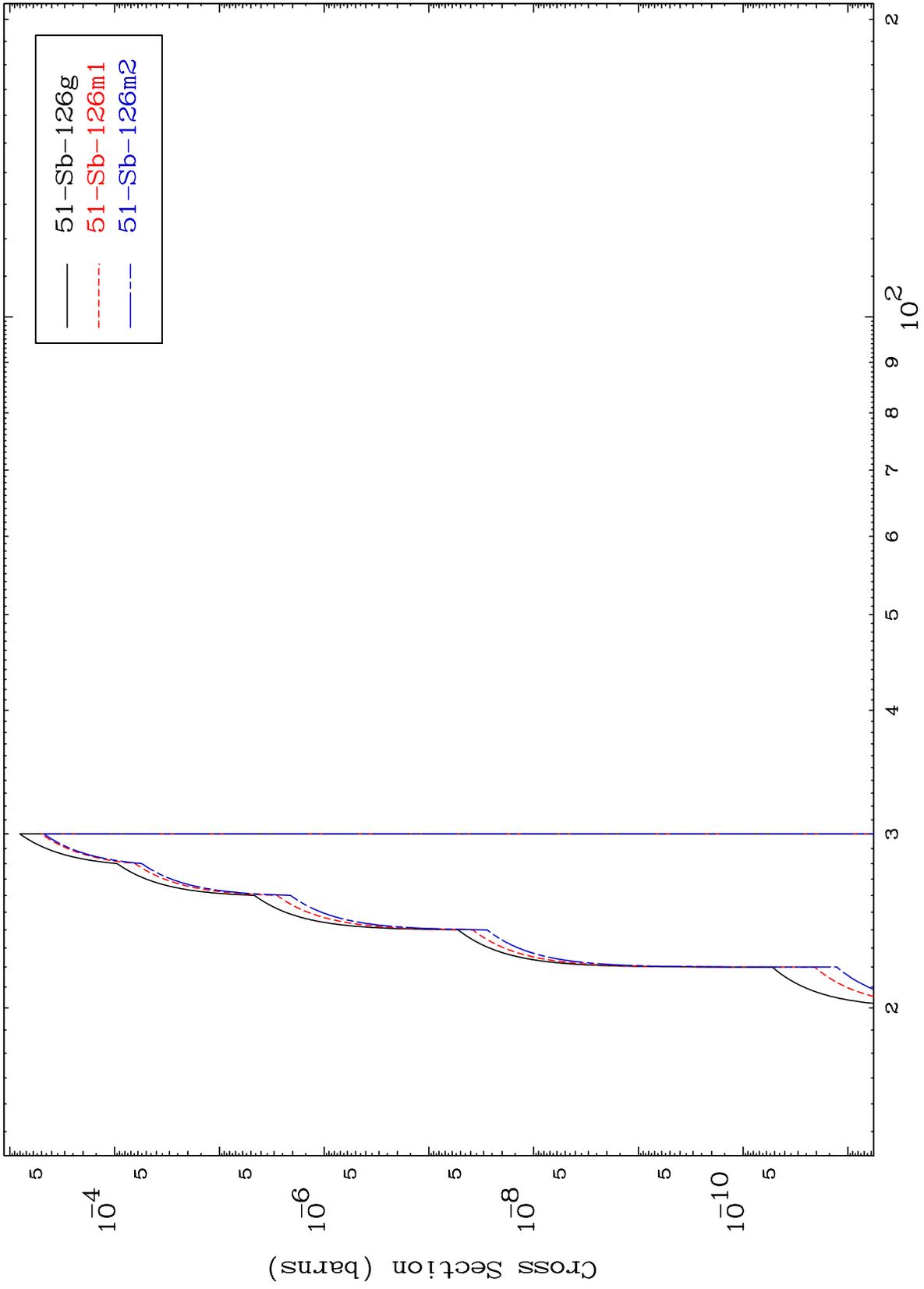
51-Sb-128

MAT 5147

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

51-Sb-128

Radionuclide Production Cross Section



13

Incident Energy (MeV)

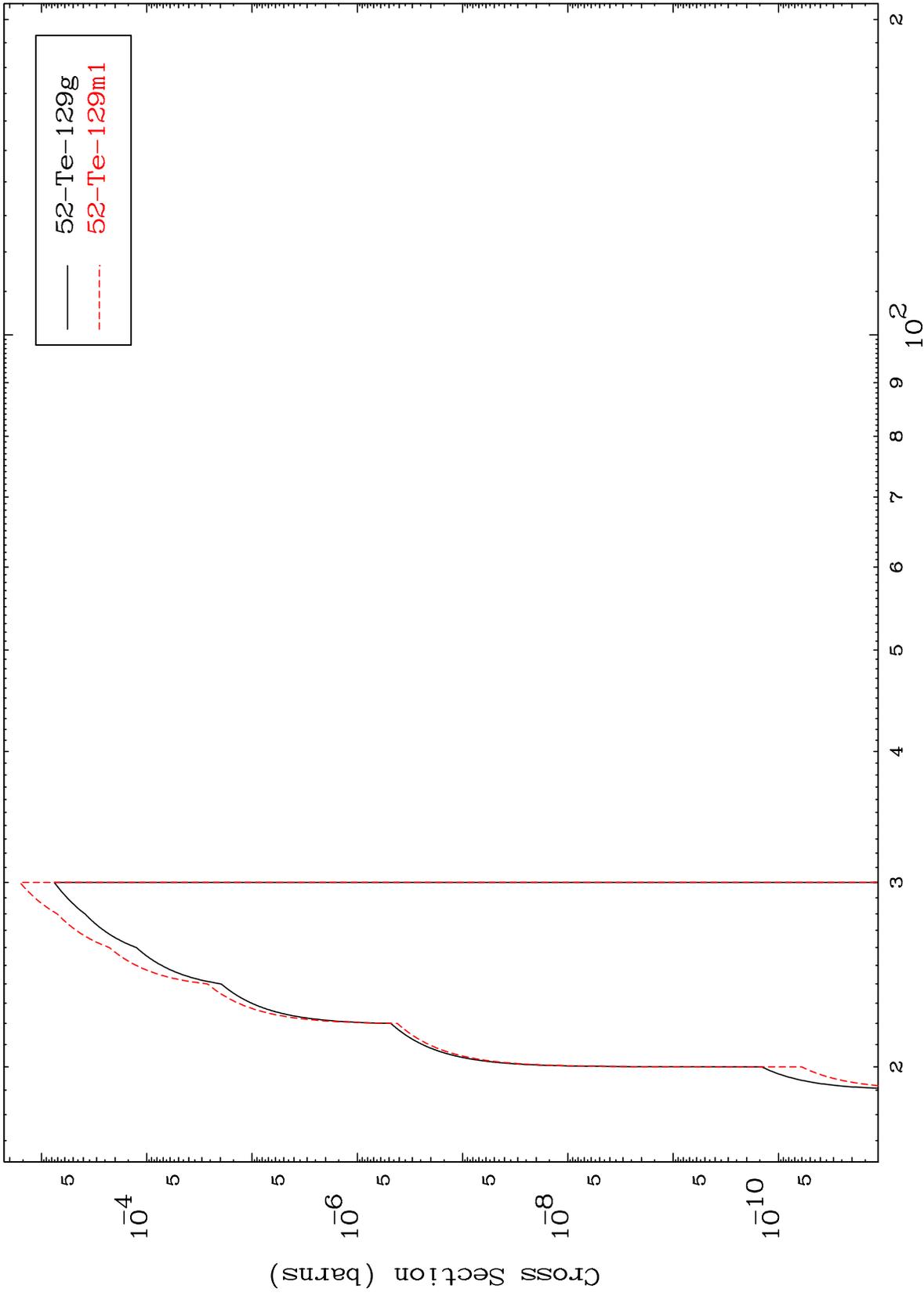
51-Sb-128

MAT 5147

( $\alpha, n'$ ) d

51-Sb-128

Radionuclide Production Cross Section



14

Incident Energy (MeV)

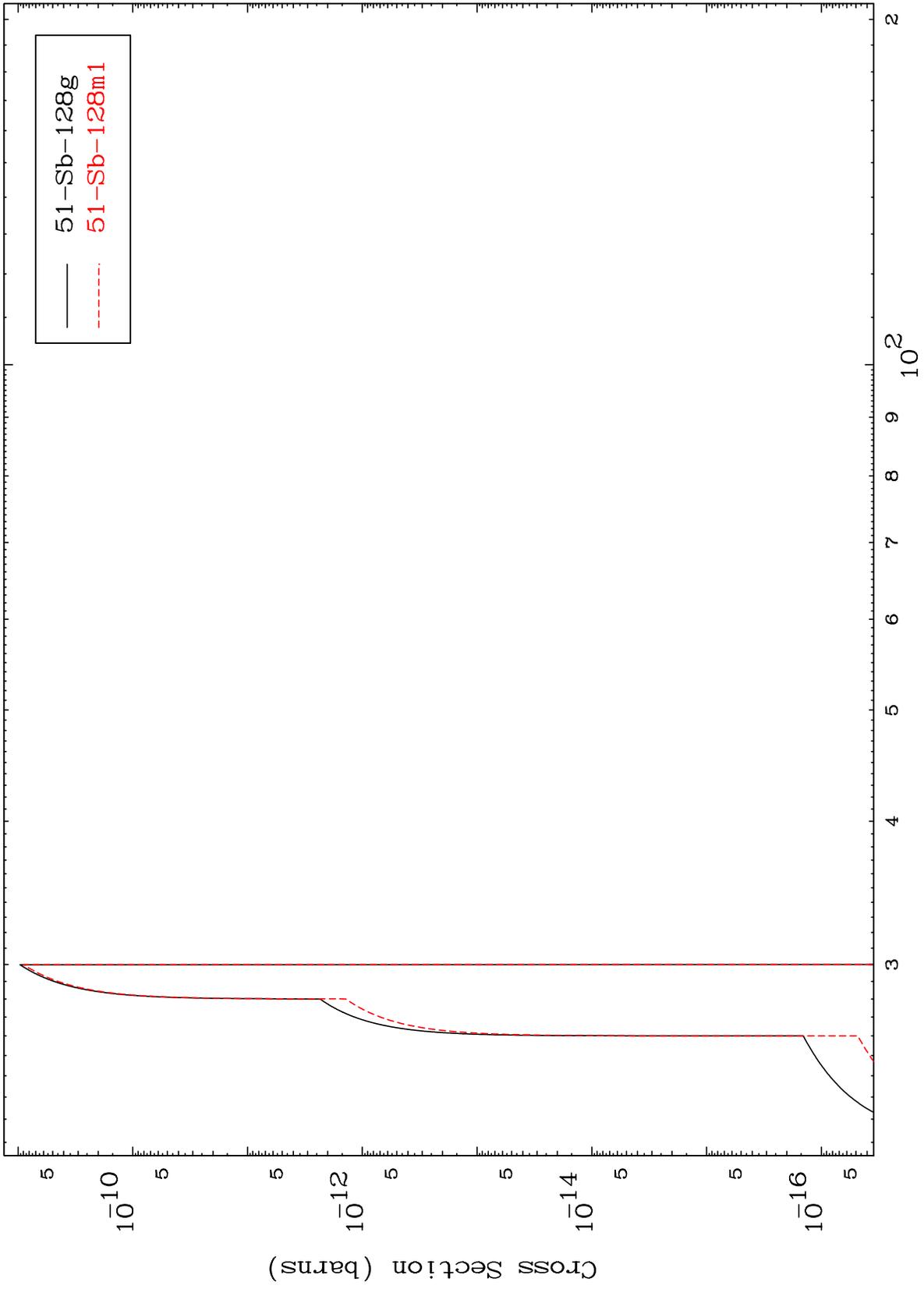
51-Sb-128

MAT 5147

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

51-Sb-128

Radionuclide Production Cross Section



15

Incident Energy (MeV)

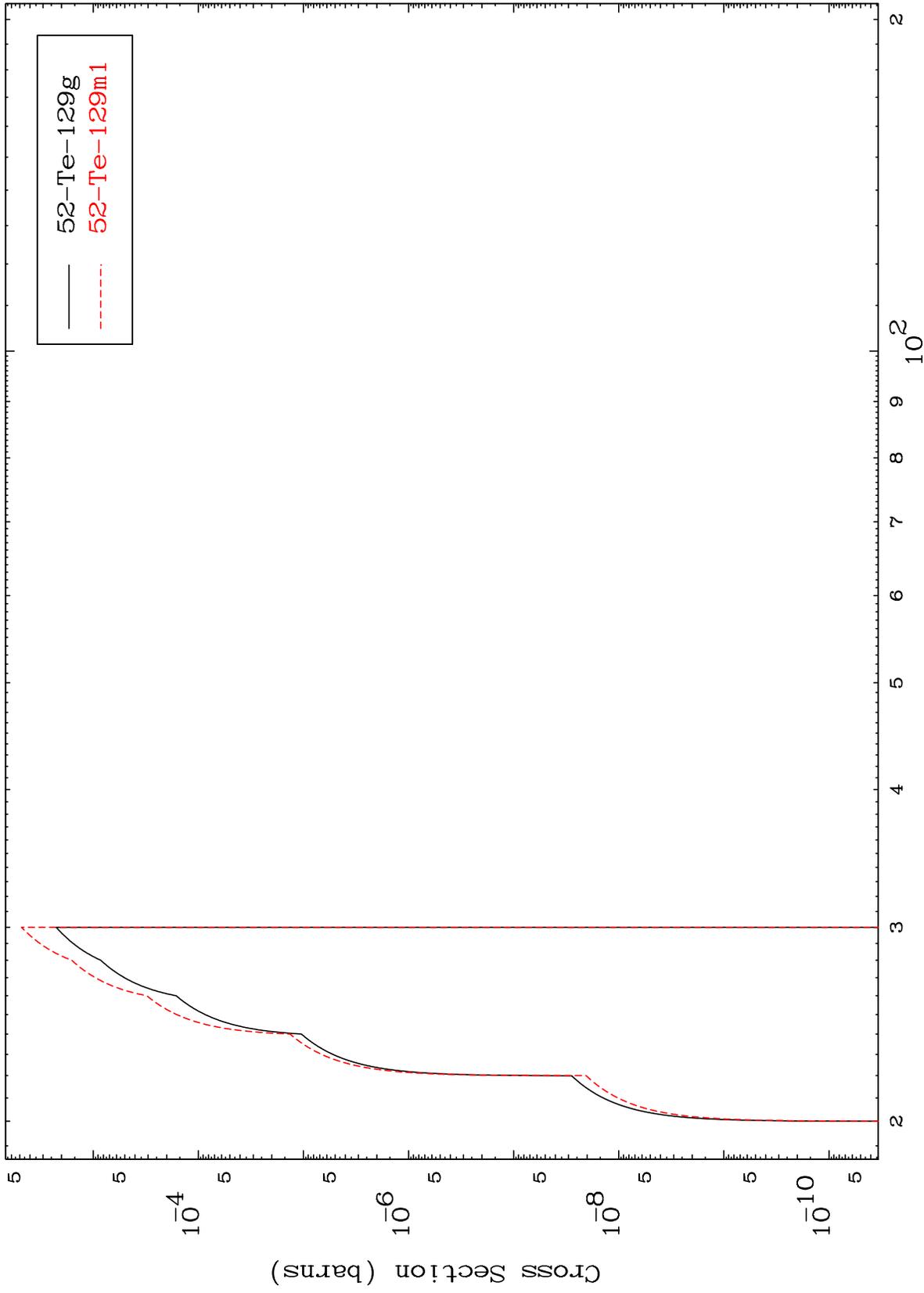
51-Sb-128

MAT 5147

( $\alpha, 2n$ ) p

51-Sb-128

Radionuclide Production Cross Section



16

Incident Energy (MeV)

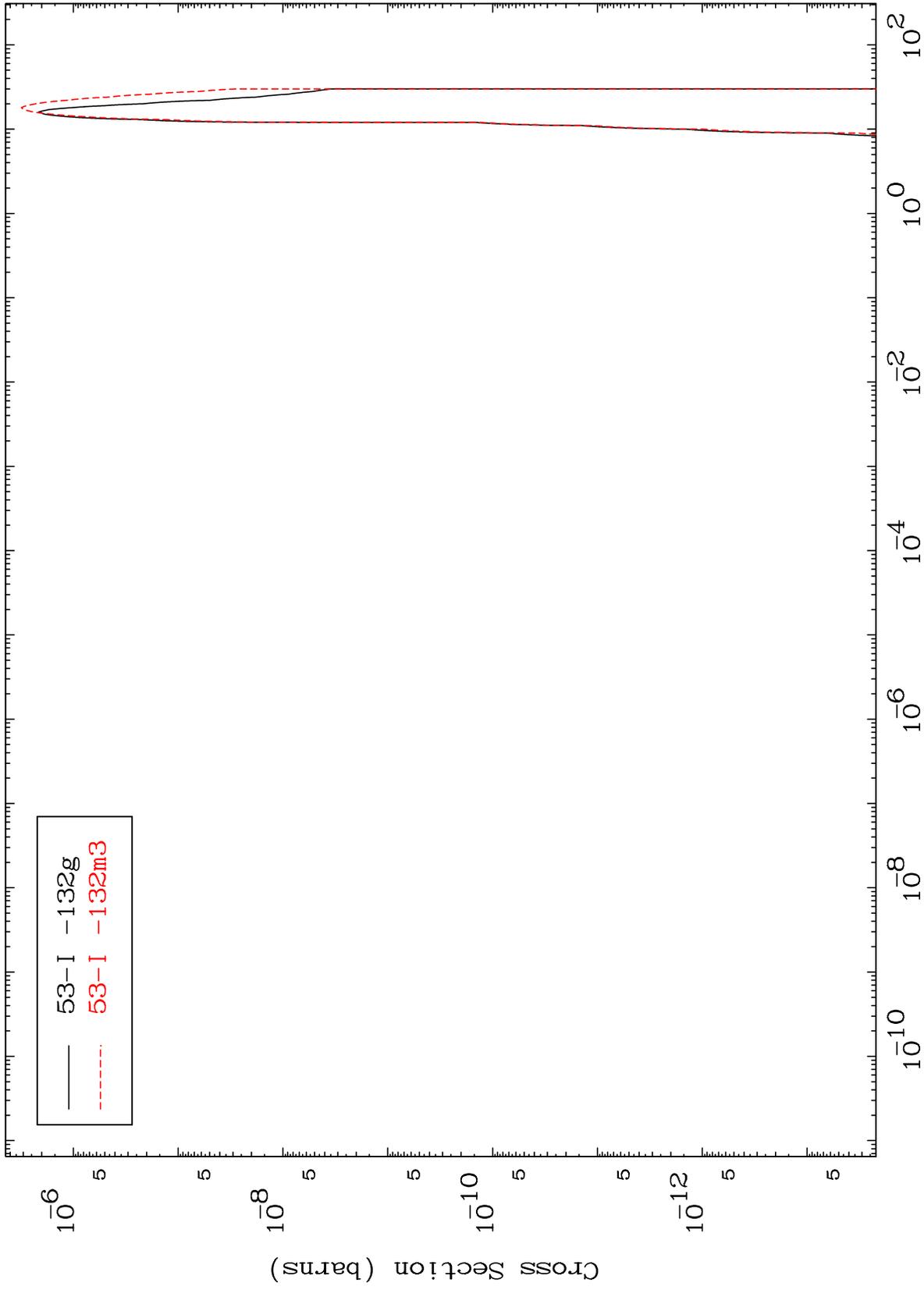
51-Sb-128

MAT 5147

( $\alpha, \gamma$ )

51-Sb-128

Radionuclide Production Cross Section



17

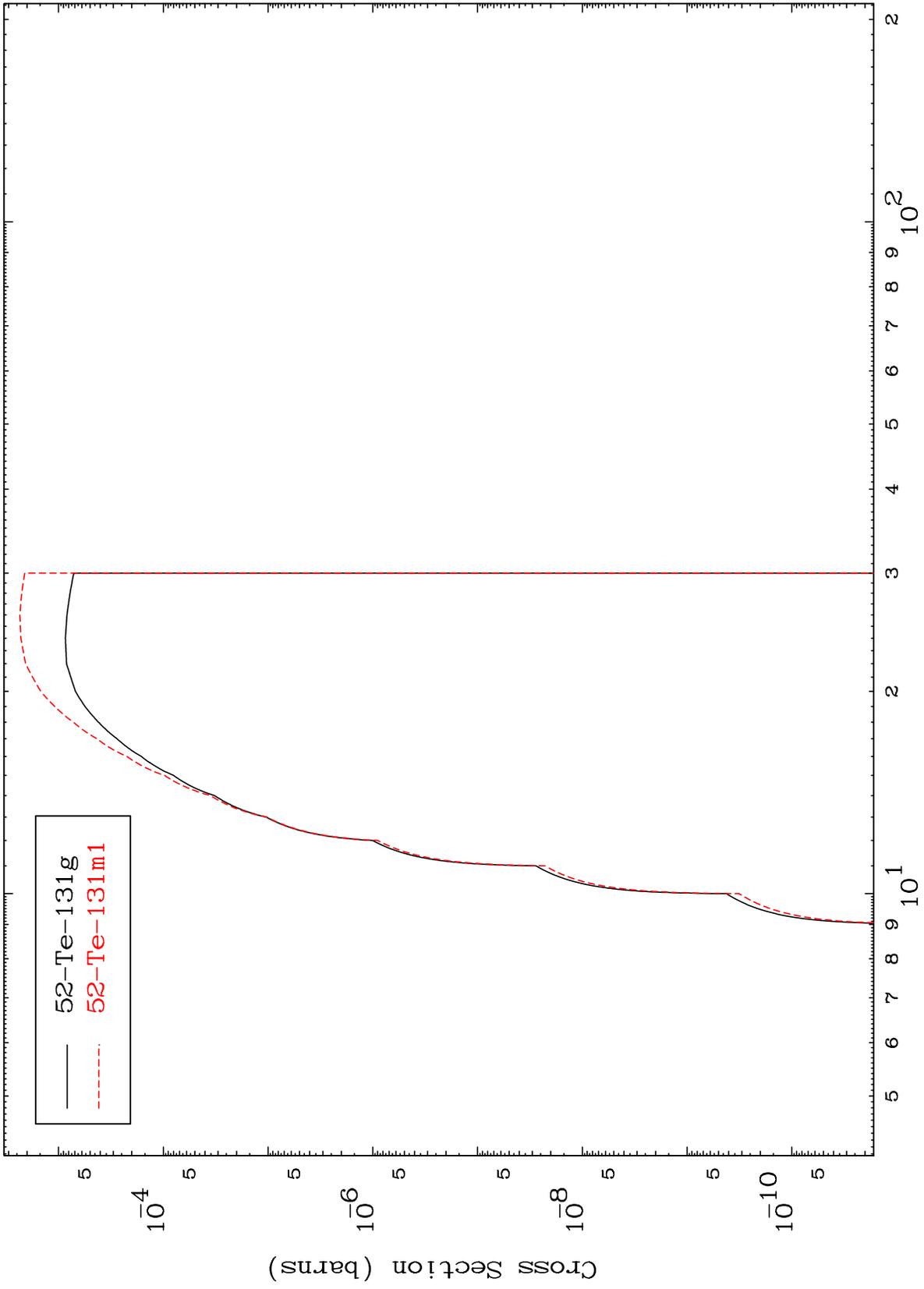
Incident Energy (MeV)

51-Sb-128

MAT 5147

51-Sb-128

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



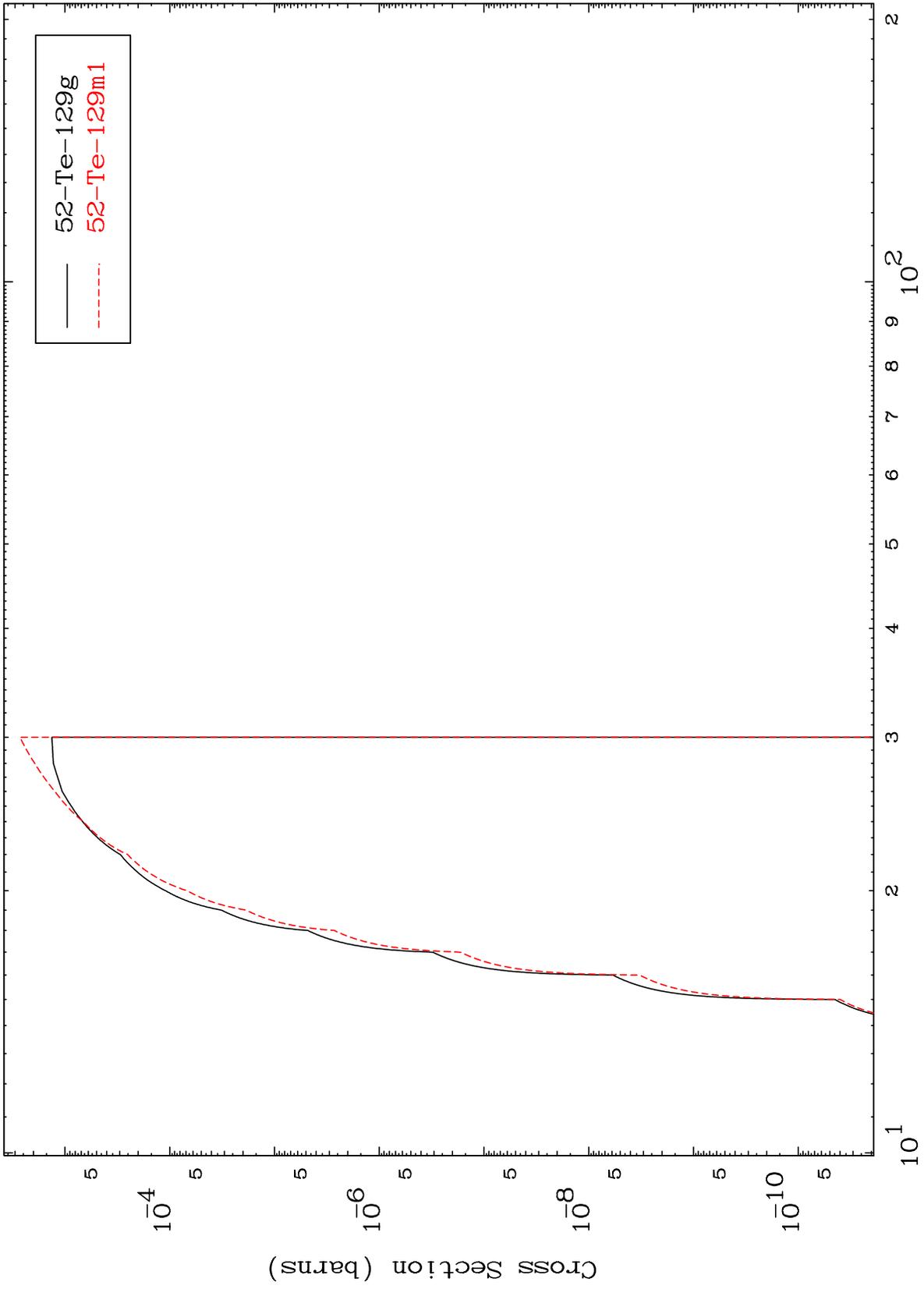
18

51-Sb-128

MAT 5147

51-Sb-128

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



19

Incident Energy (MeV)

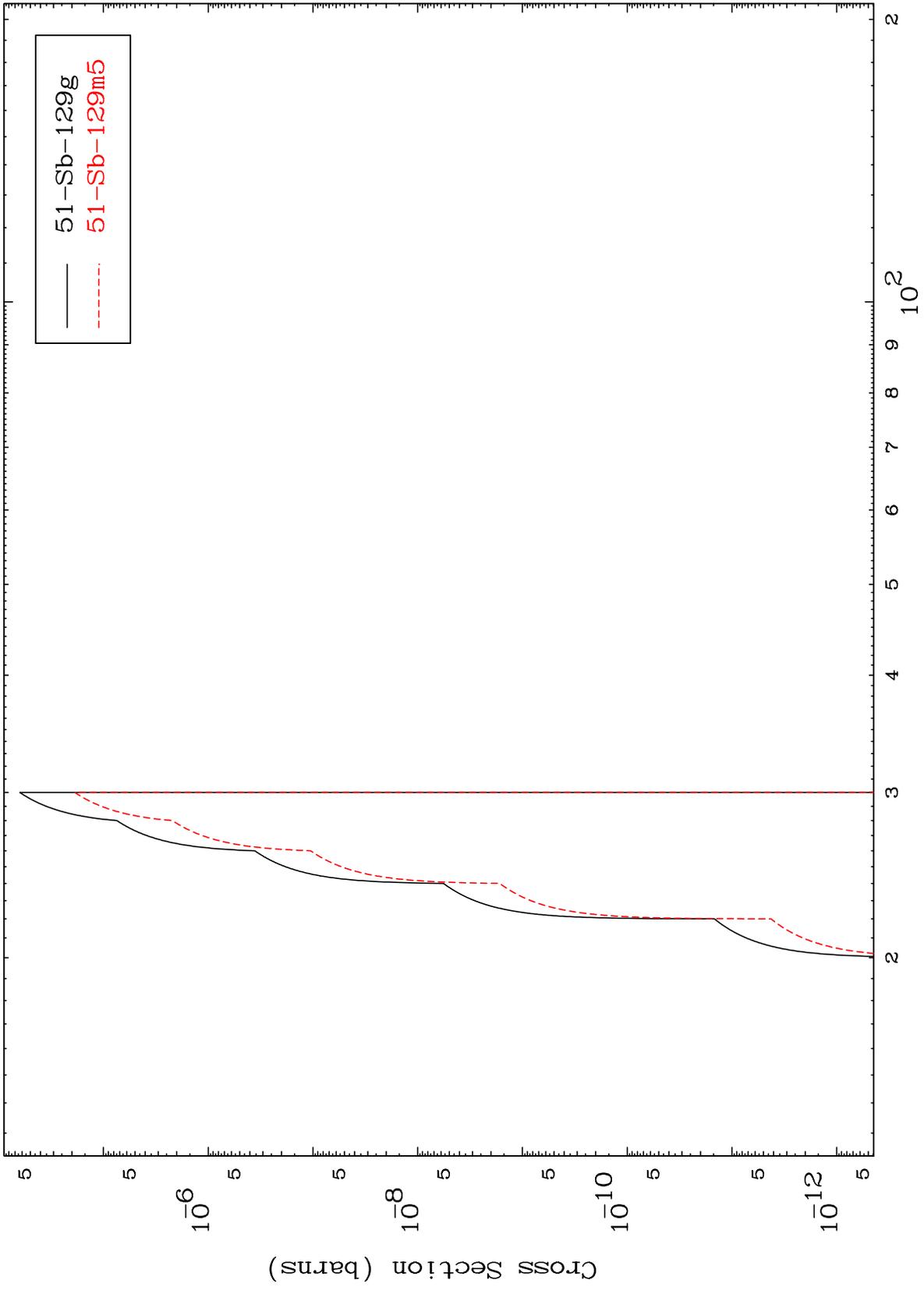
51-Sb-128

MAT 5147

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

51-Sb-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

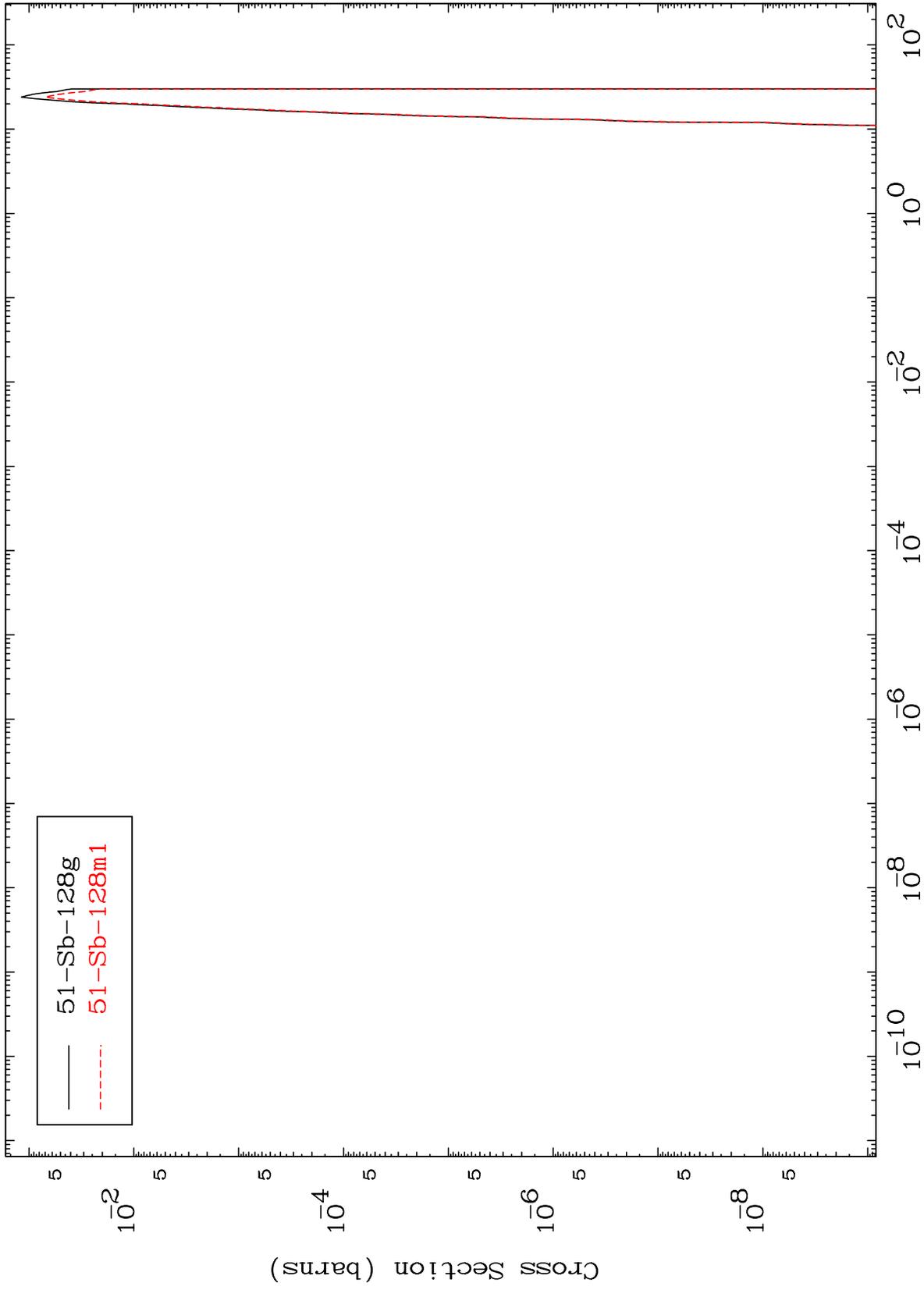
51-Sb-128

MAT 5147

( $\alpha, \alpha$ )

51-Sb-128

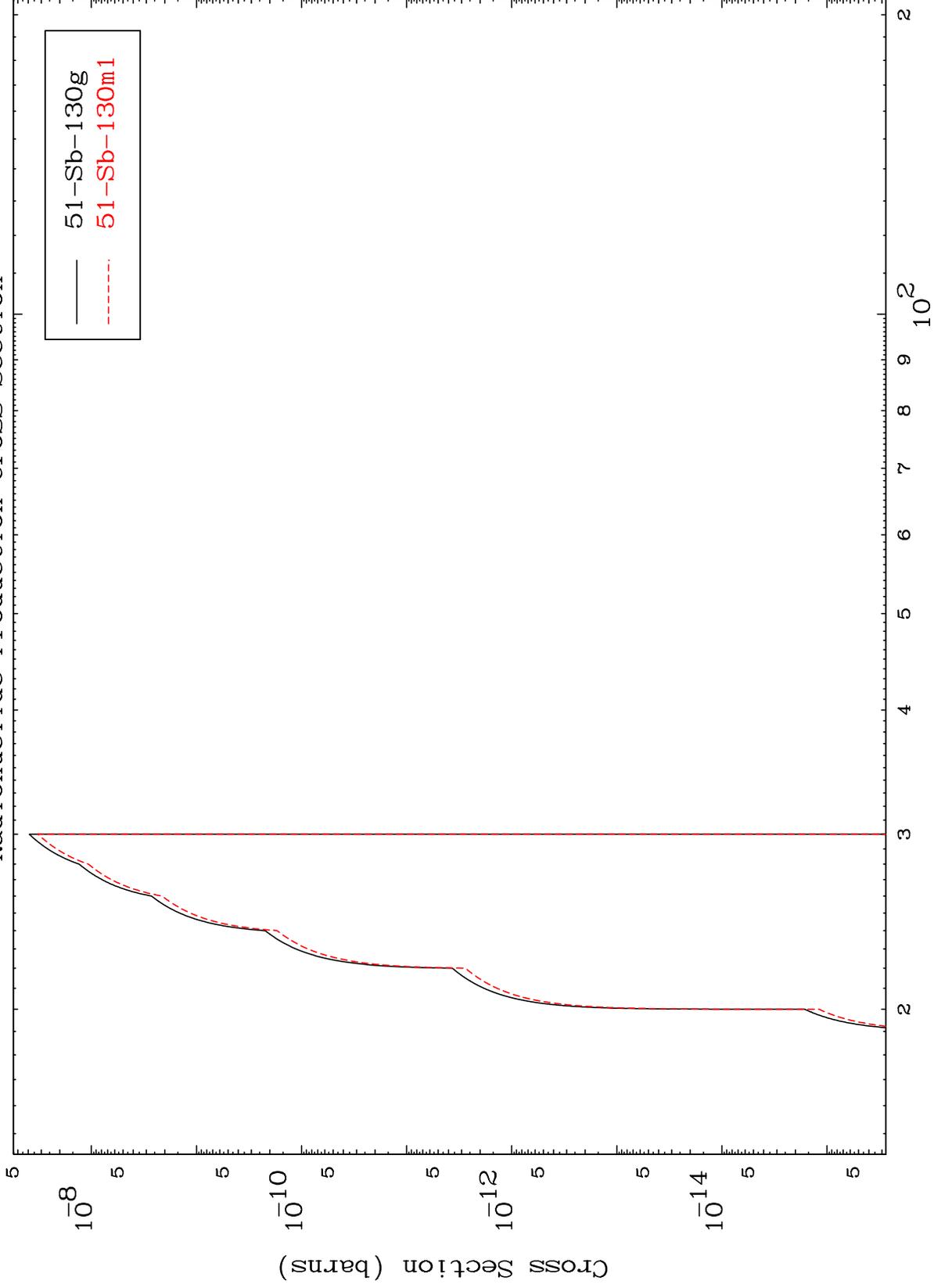
Radionuclide Production Cross Section



MAT 5147

51-Sb-128

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



22

Incident Energy (MeV)

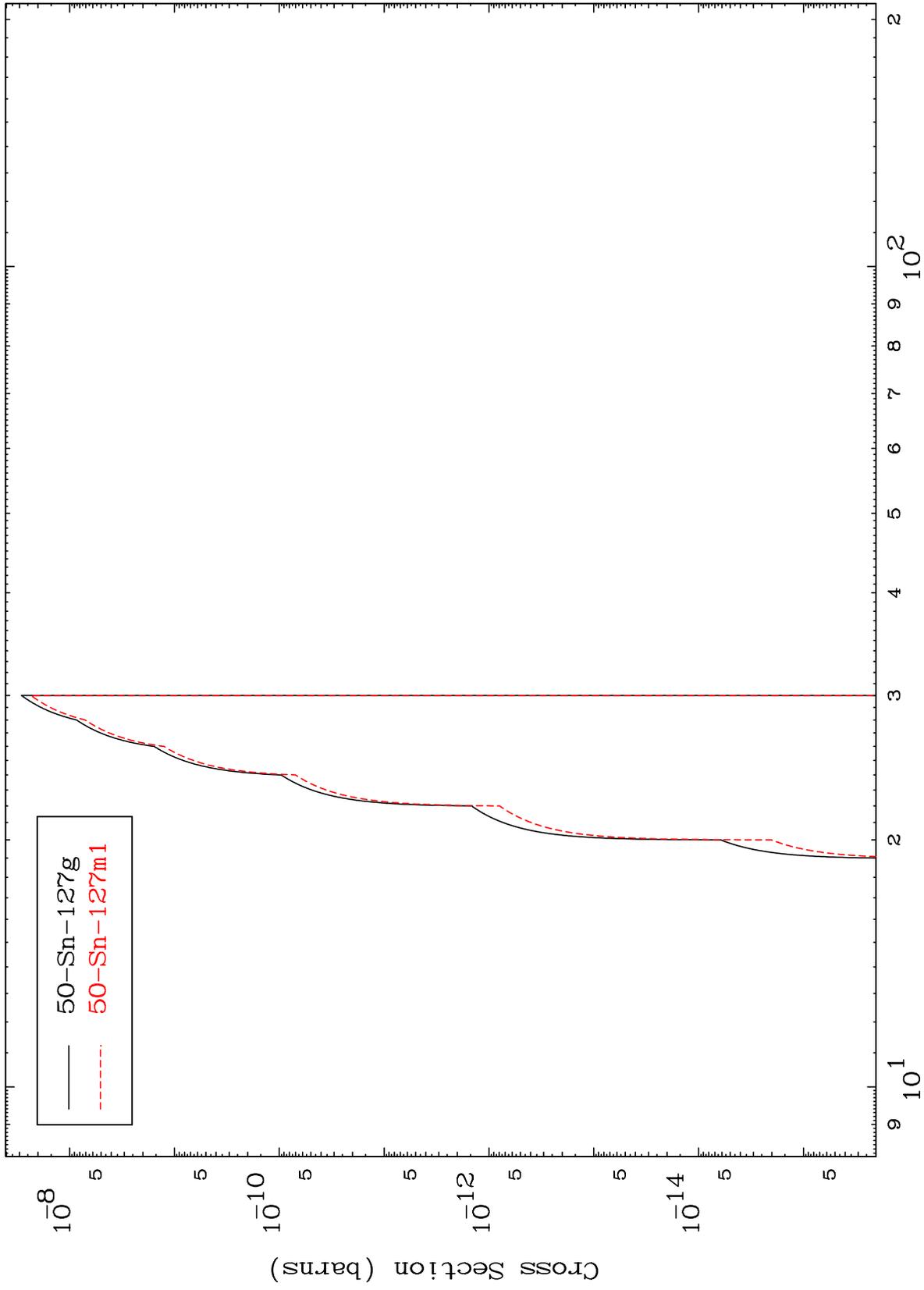
51-Sb-128

MAT 5147

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

51-Sb-128

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-128