

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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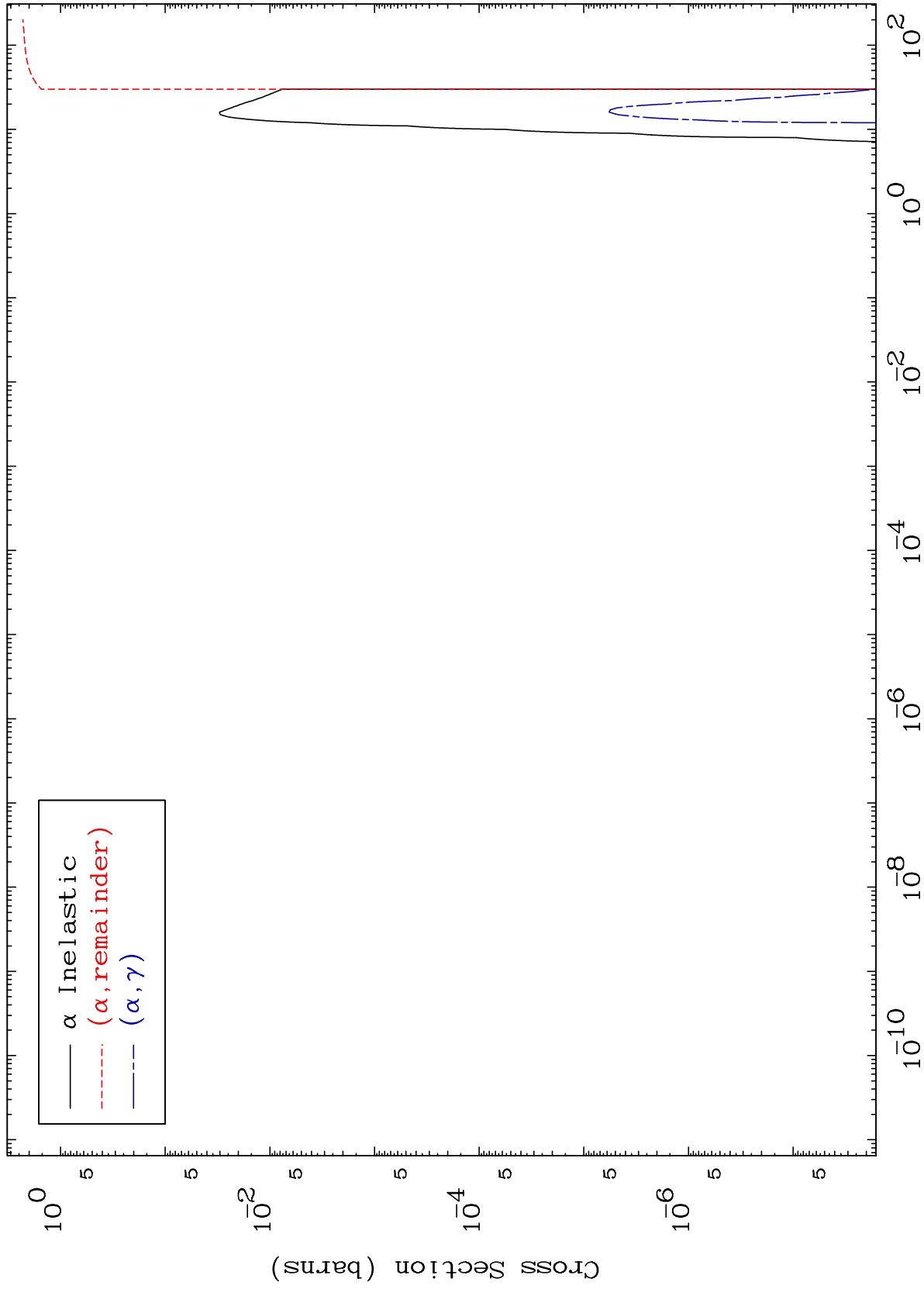
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5149

0 Kelvin  $\alpha$  Major  
Cross Sections

51-Sb-129



1

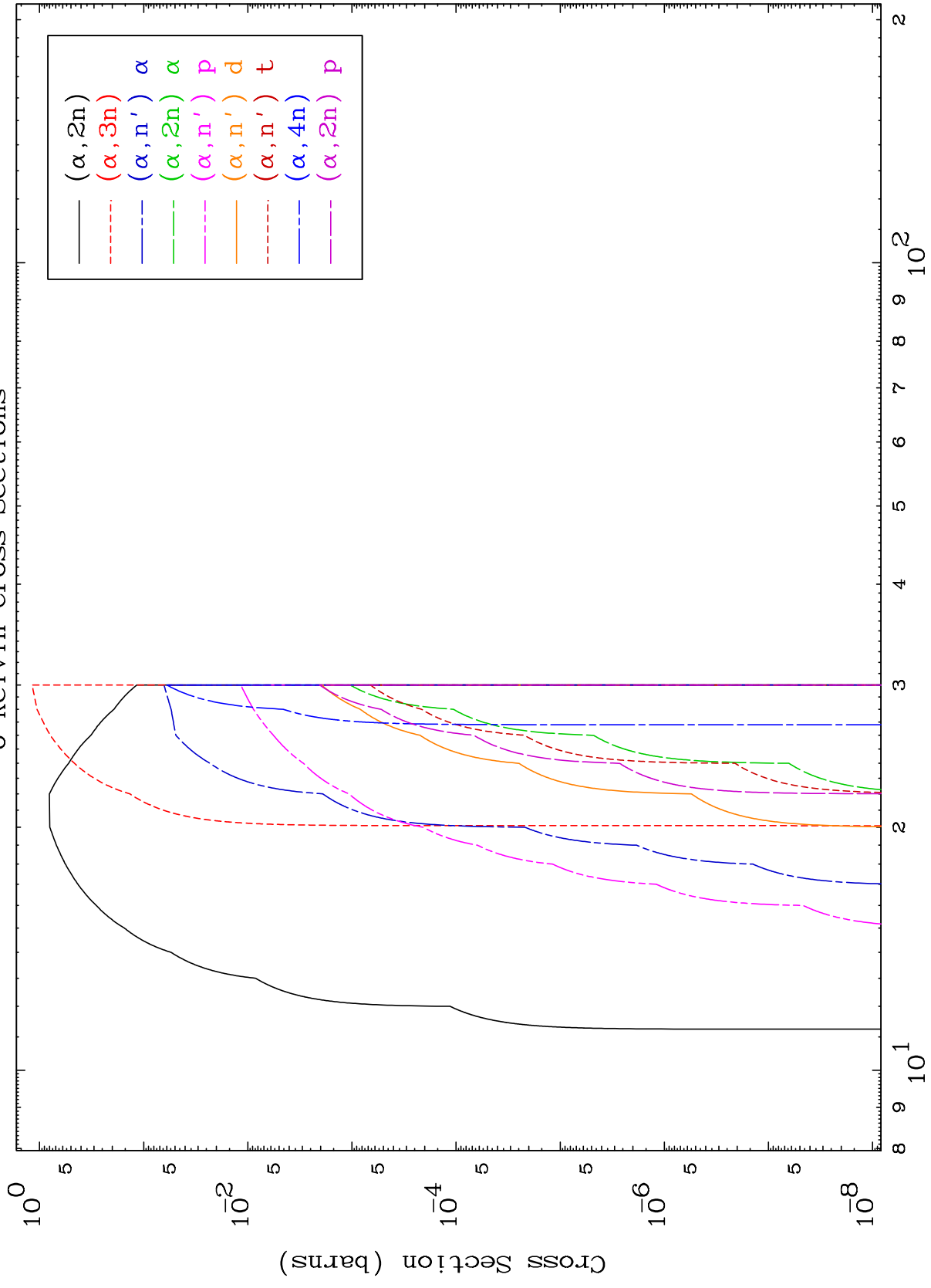
Incident Energy (MeV)

51-Sb-129

MAT 5149

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

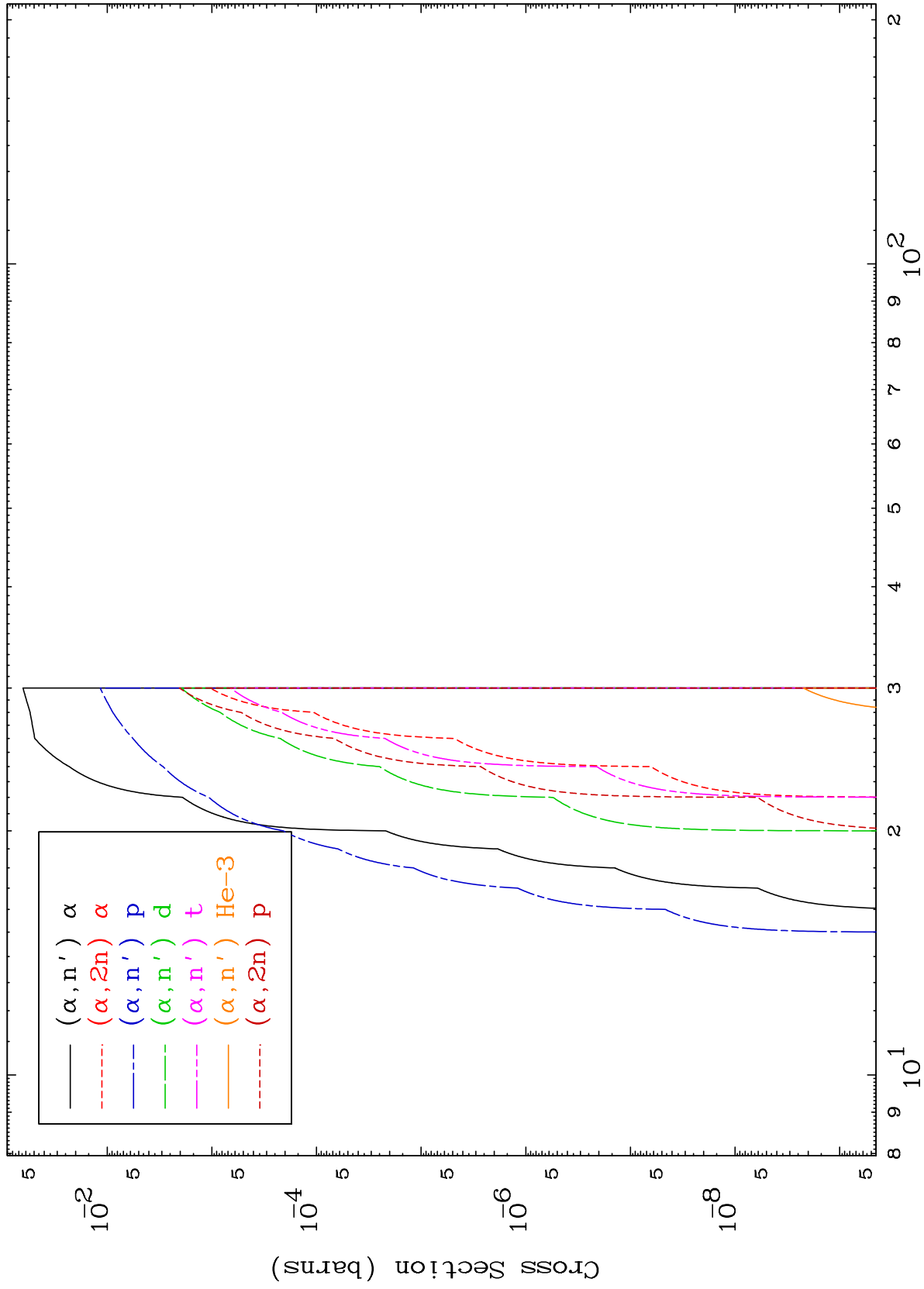
51-Sb-129

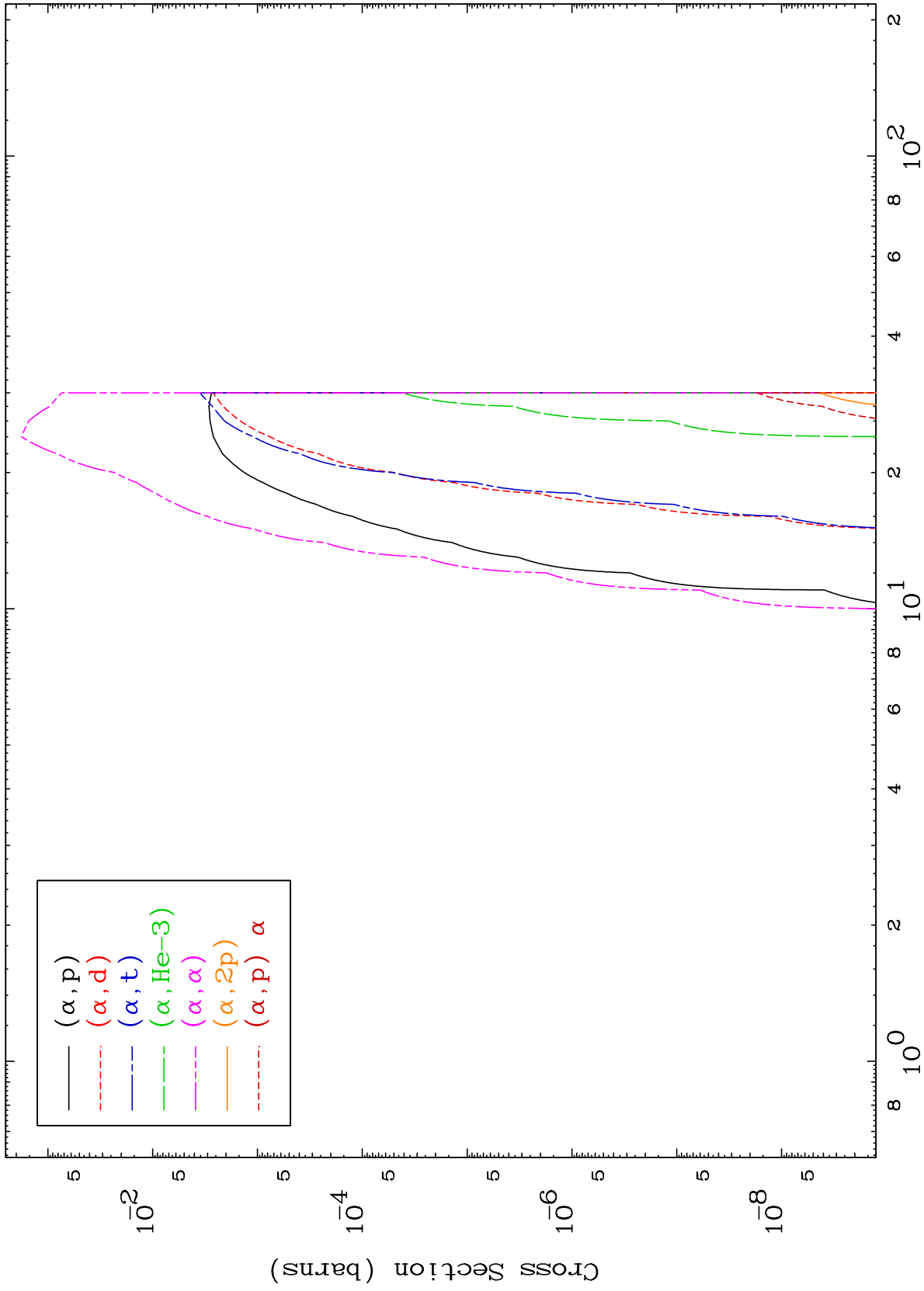


2

Incident Energy (MeV)

51-Sb-129

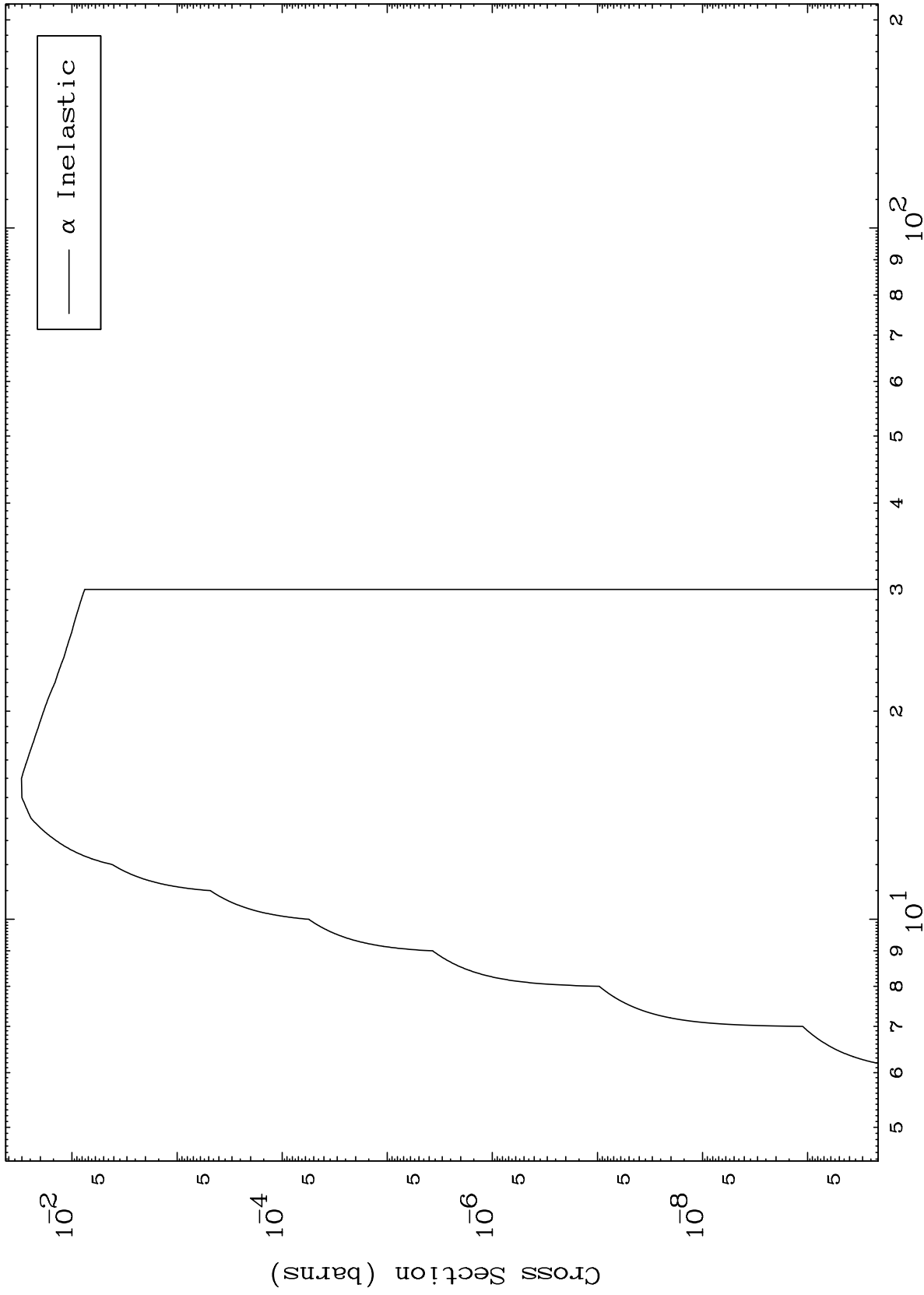




MAT 5149

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

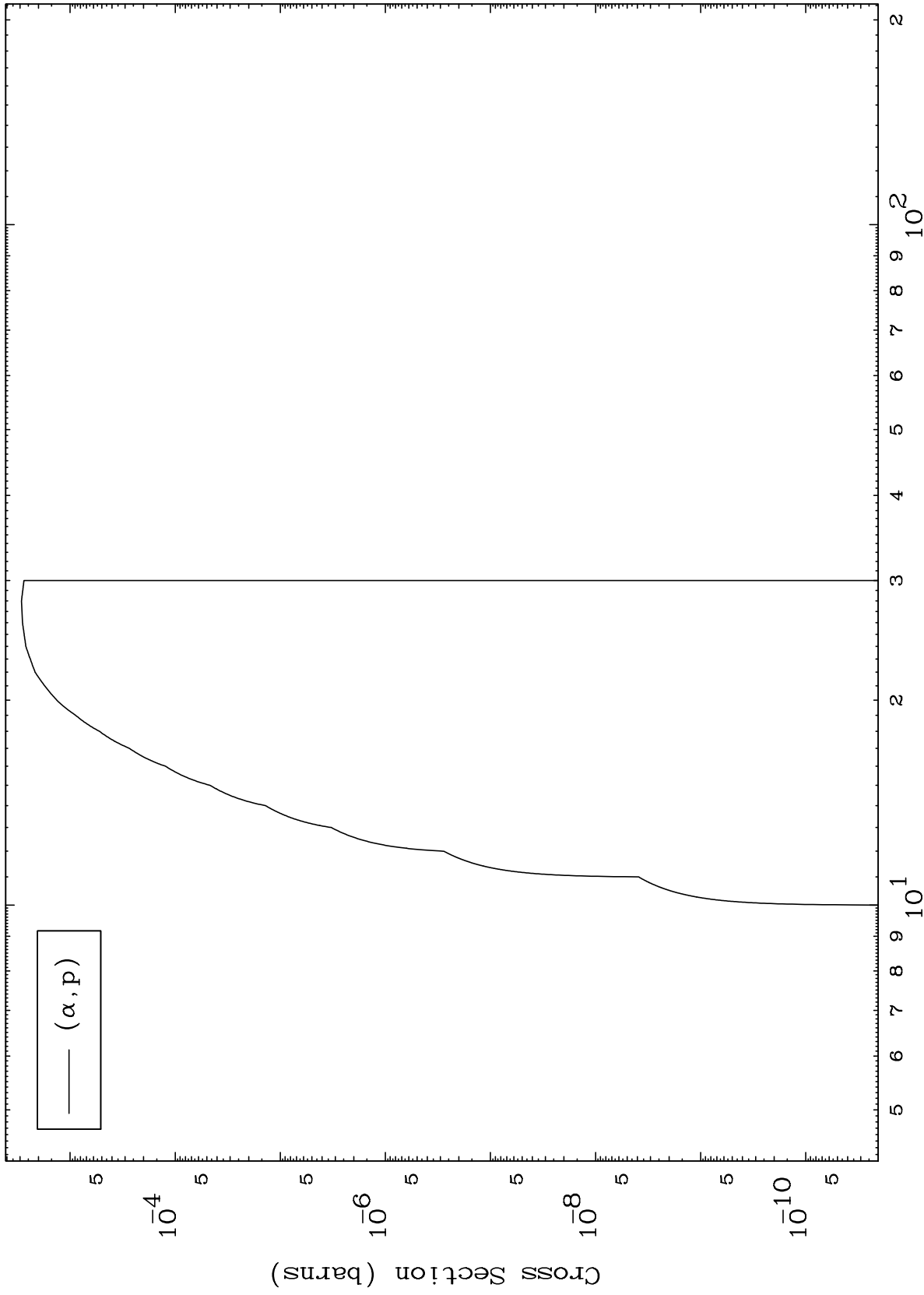
51-Sb-129

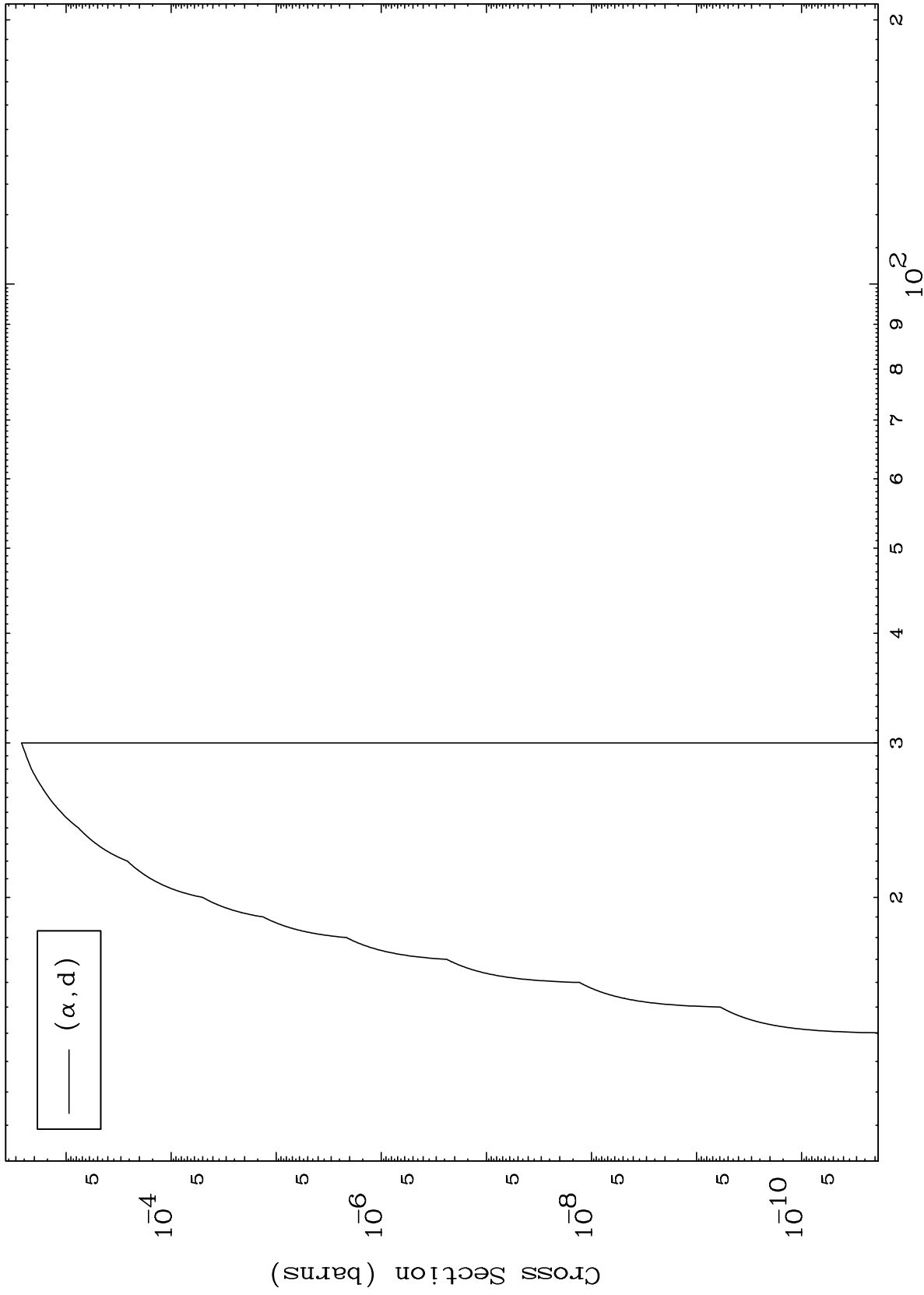


5

Incident Energy (MeV)

51-Sb-129



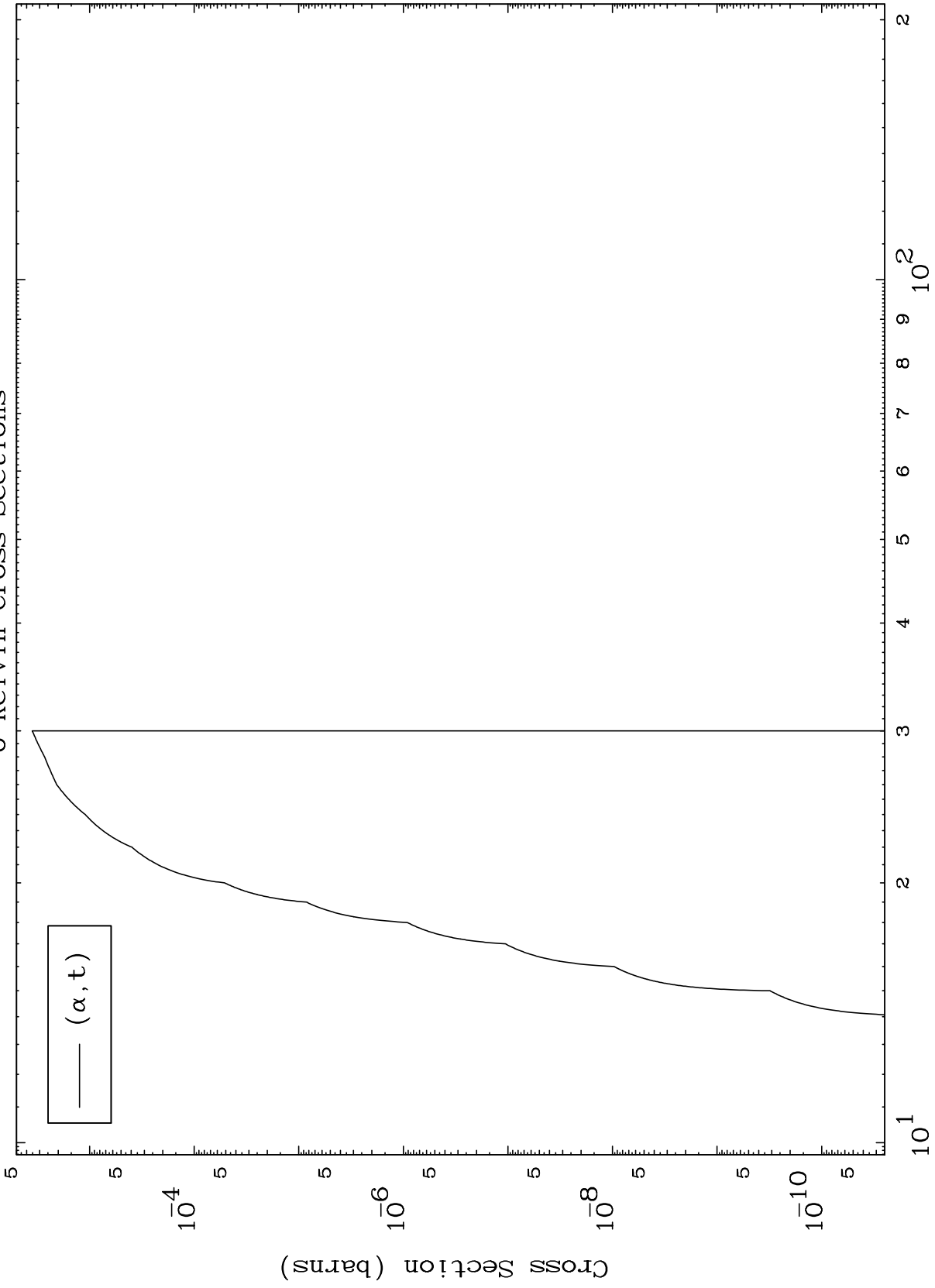




MAT 5149

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

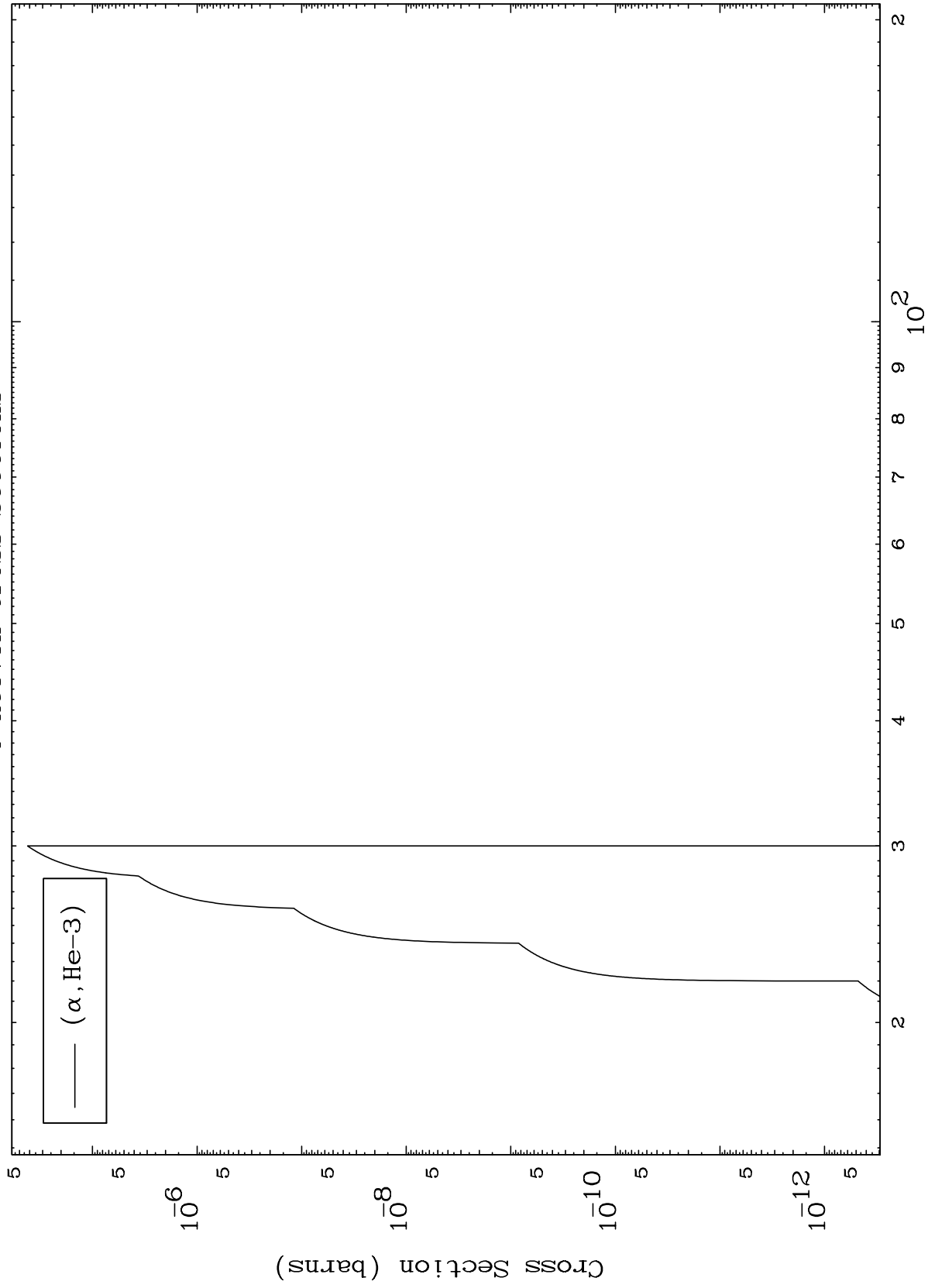
51-Sb-129



8

Incident Energy (MeV)

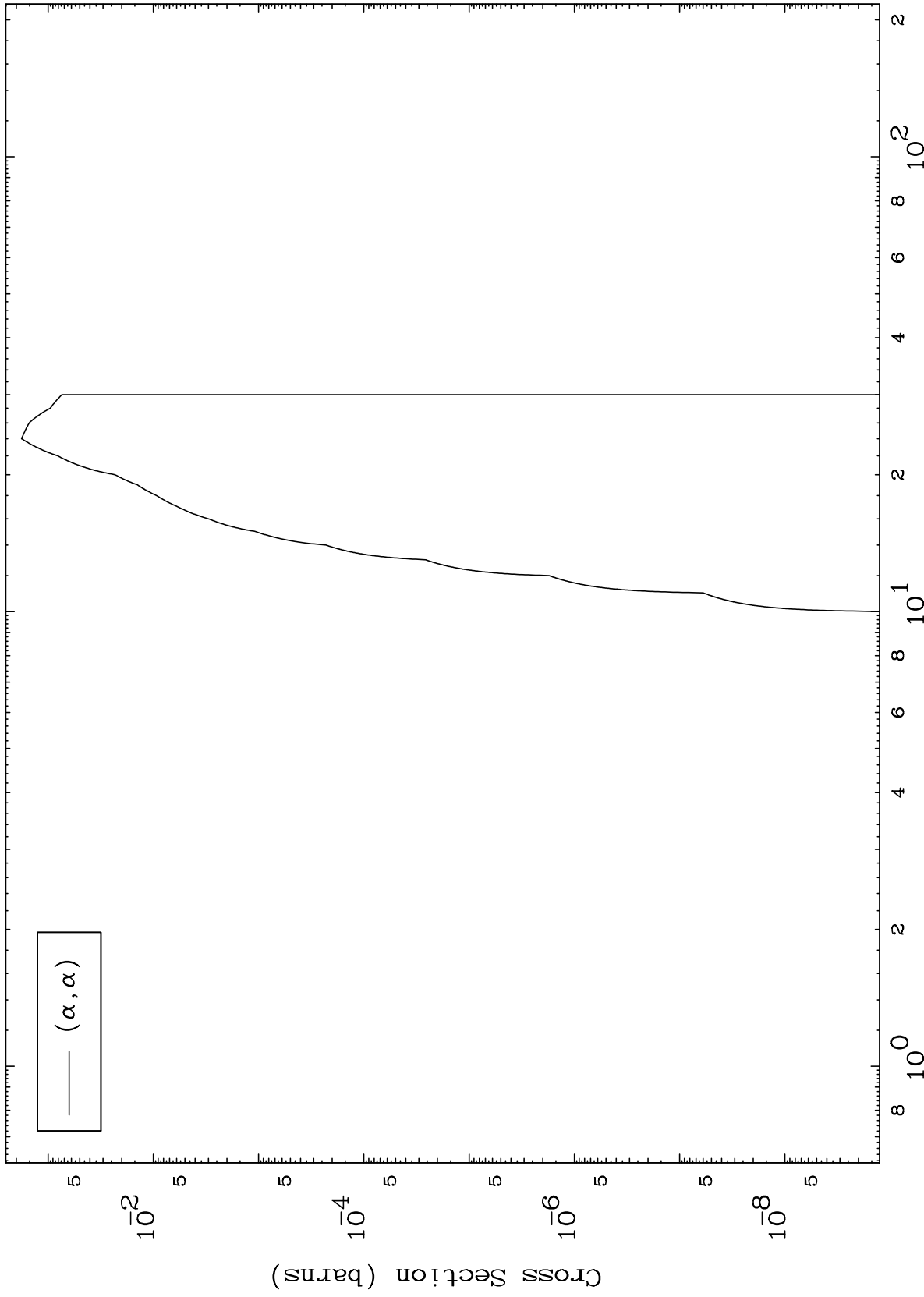
51-Sb-129



MAT 5149

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

51-Sb-129



10

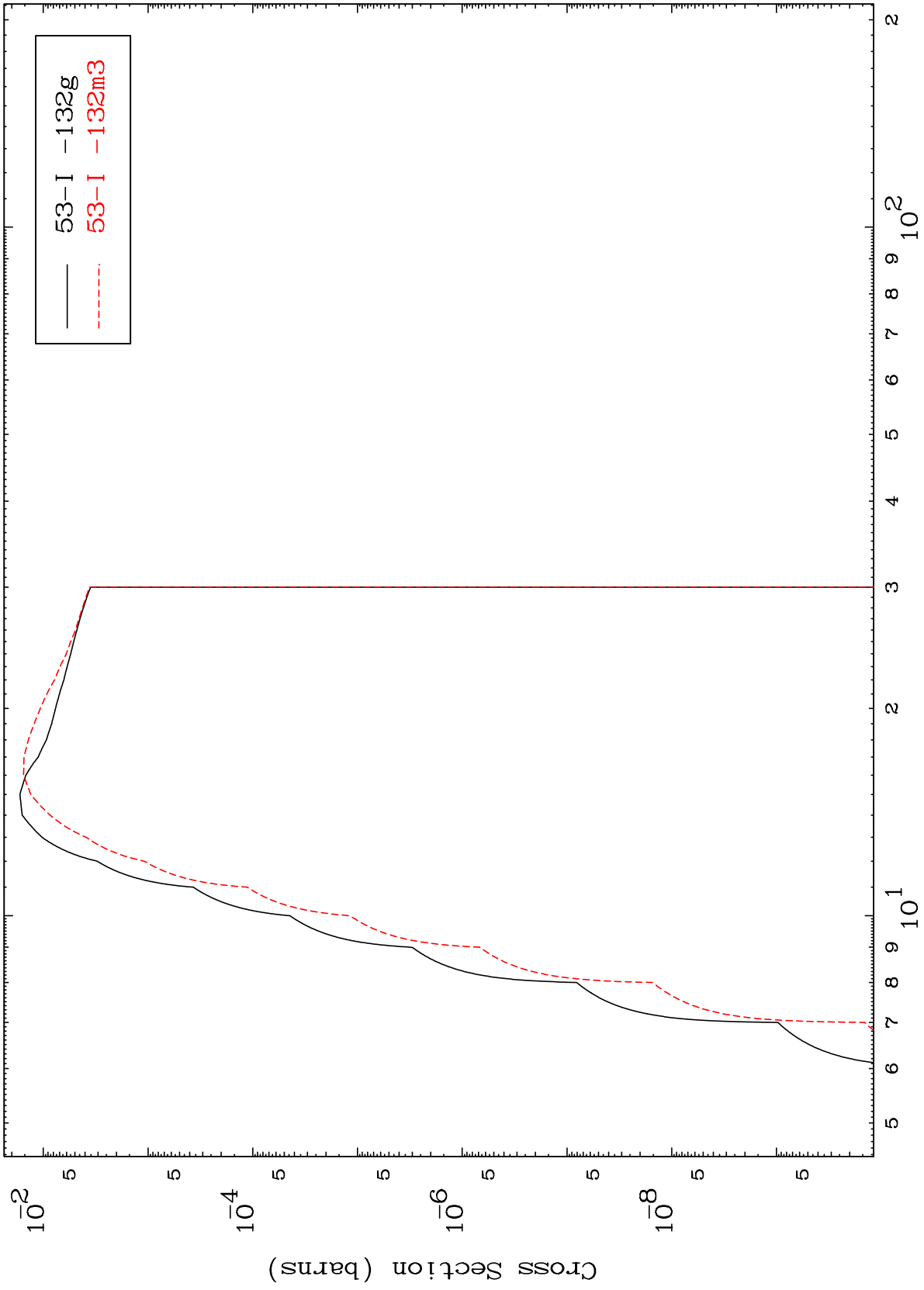
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

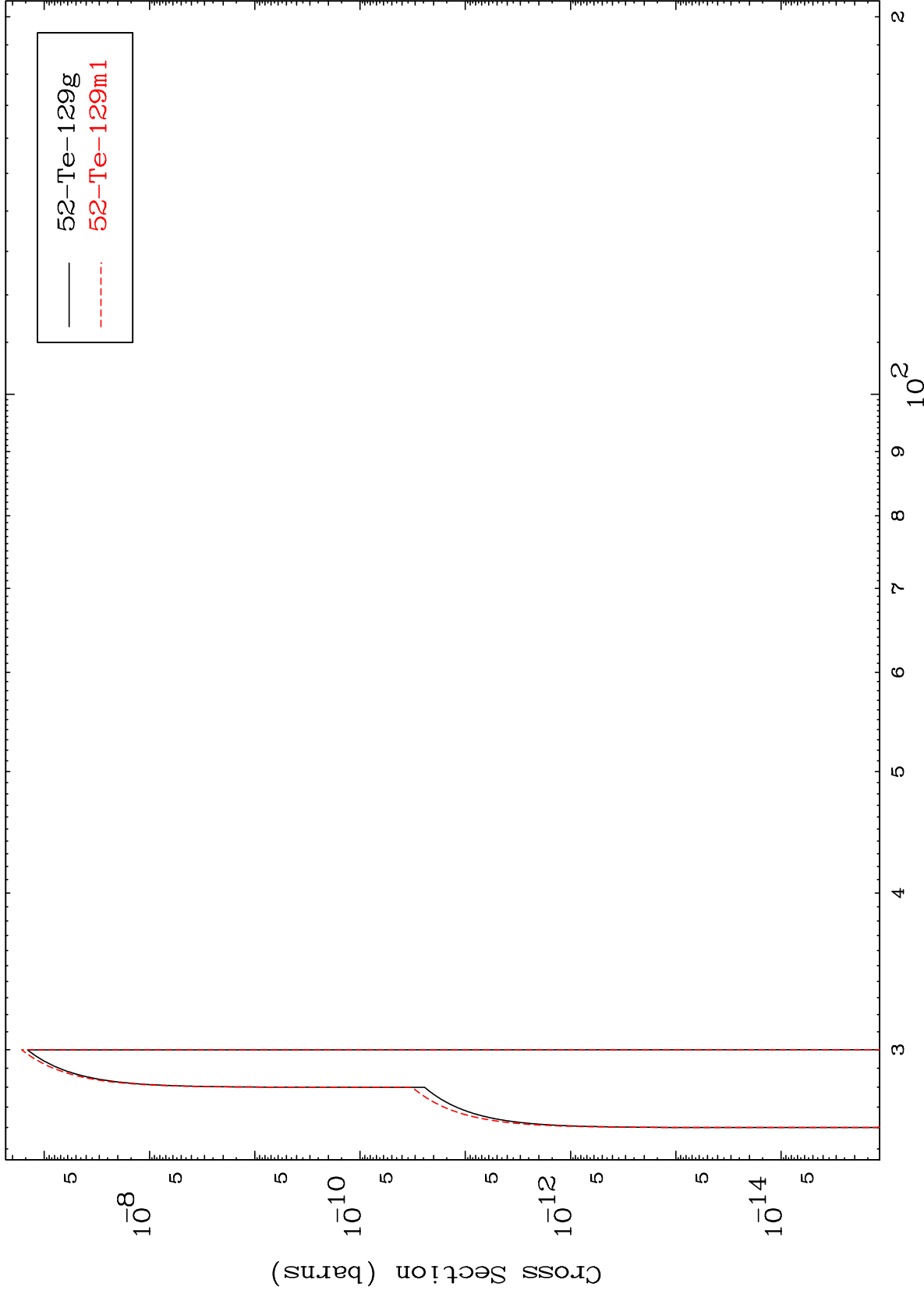
51-Sb-129

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( $\alpha, 2n$ ) d

51-Sb-129

Radionuclide Production Cross Section



12

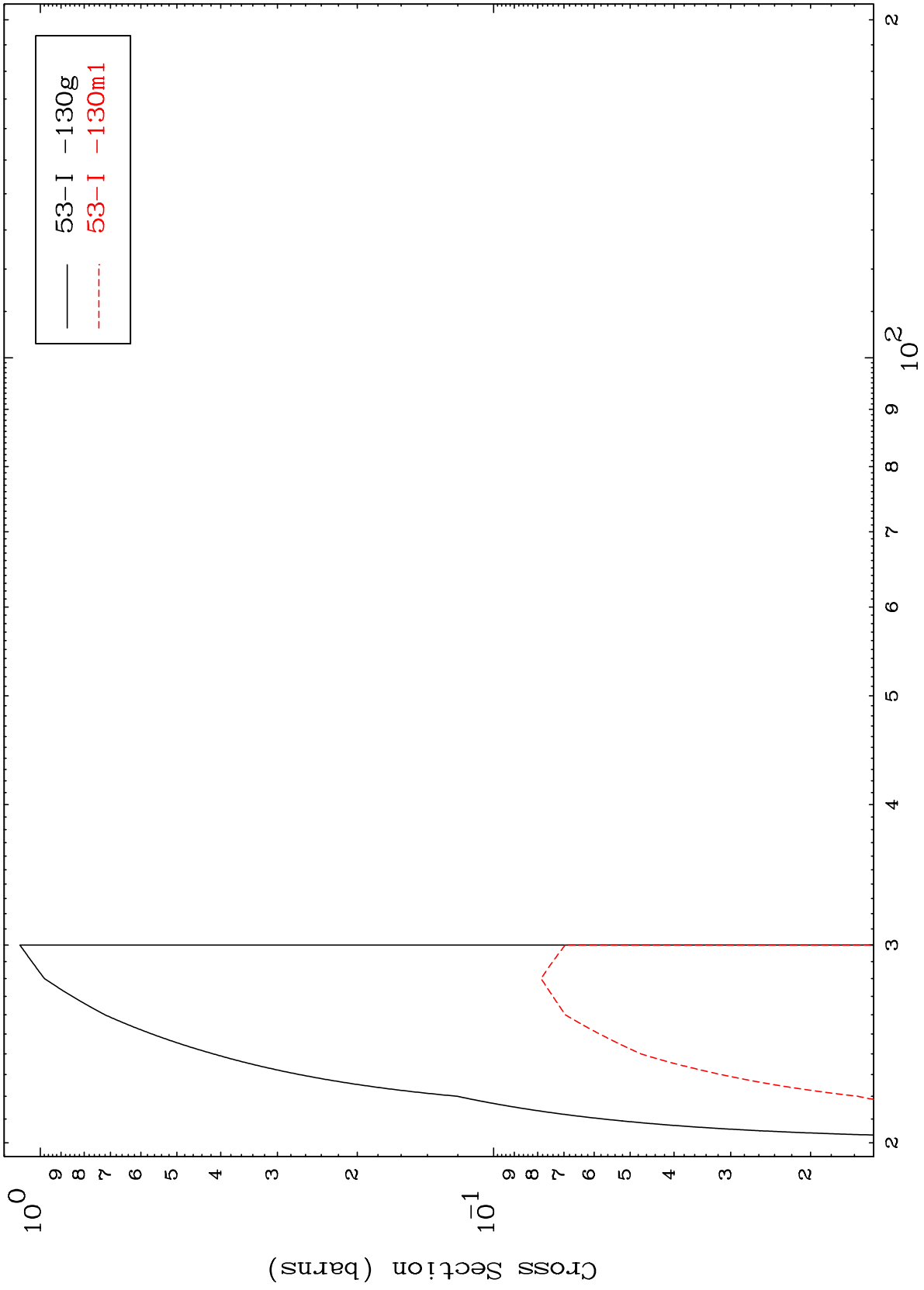
Incident Energy (MeV)

51-Sb-129

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51-Sb-129

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



13

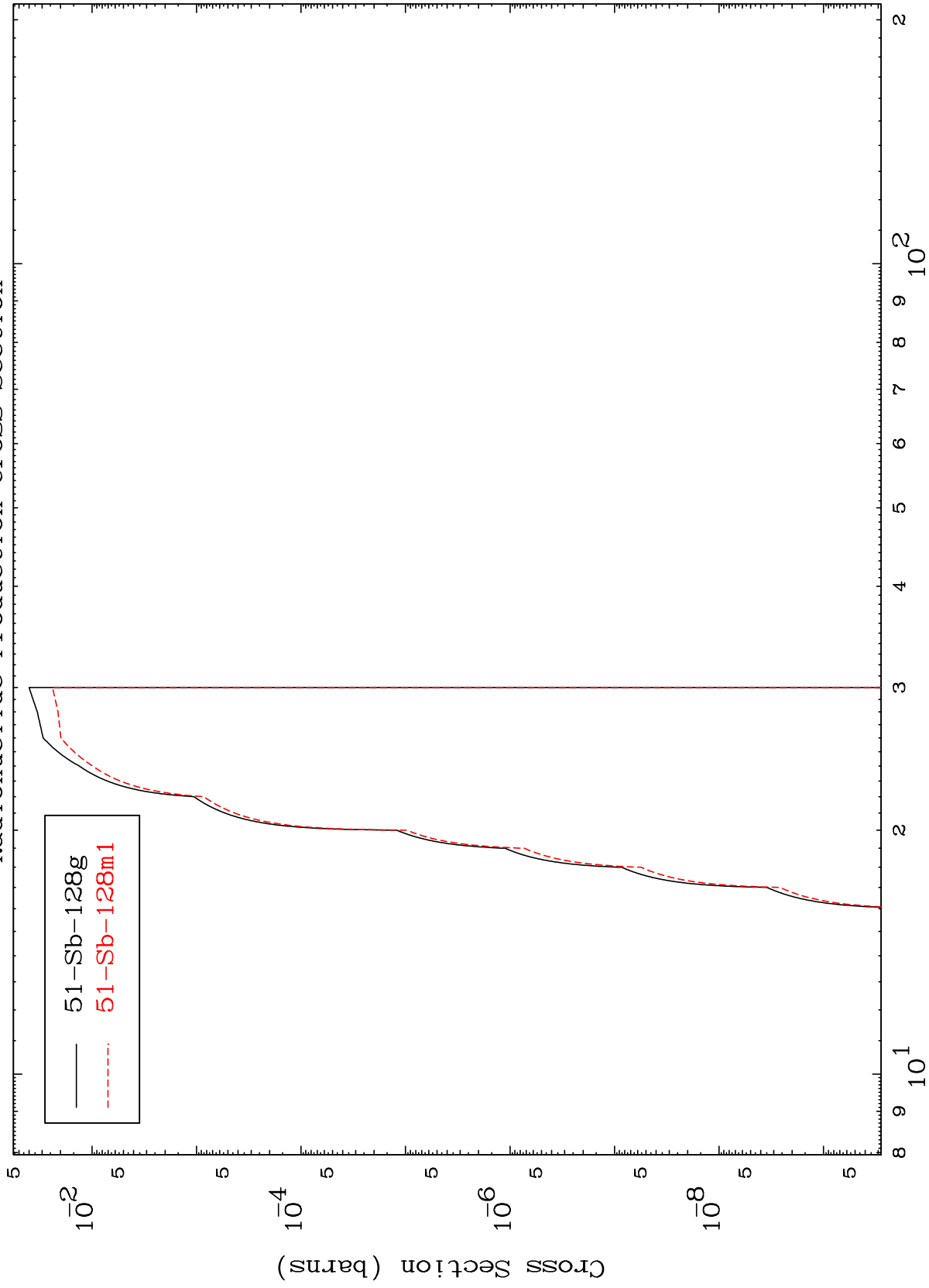
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

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



14

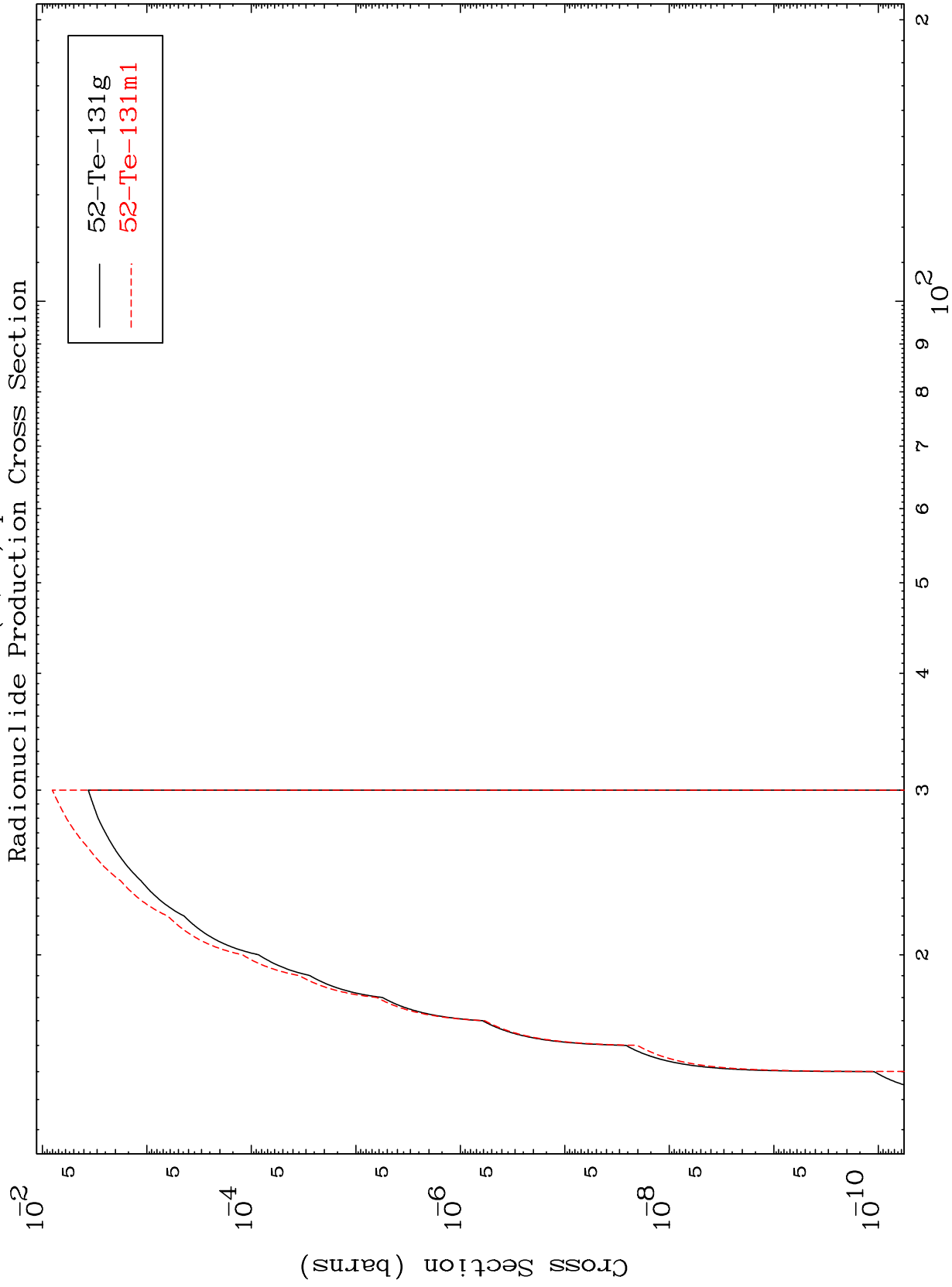
Incident Energy (MeV)

51-Sb-129

MAT 5149

( $\alpha, n'$ ) p

51-Sb-129



15

Incident Energy (MeV)

51-Sb-129

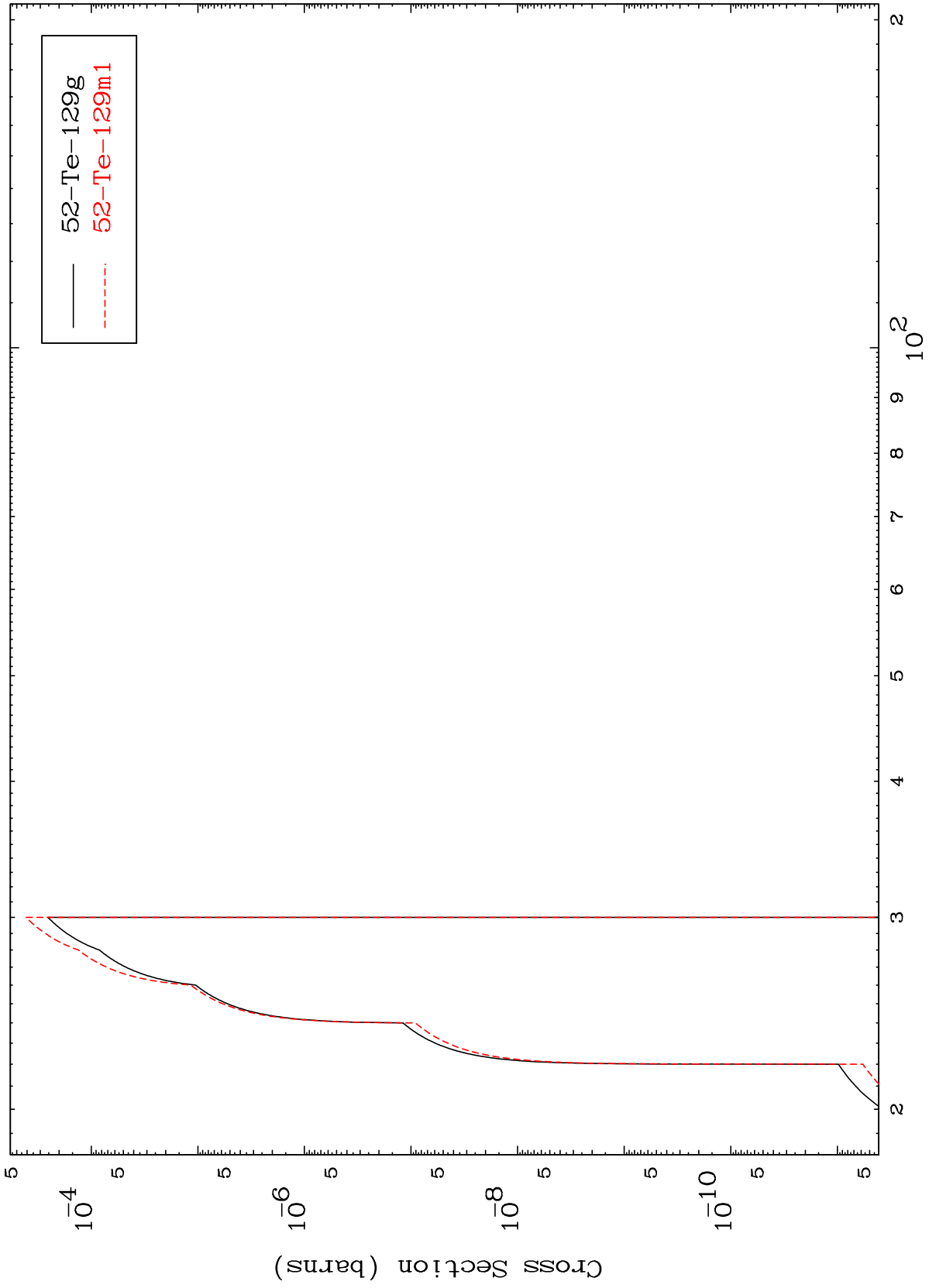


MAT 5149

( $\alpha, n'$ ) t

51-Sb-129

Radionuclide Production Cross Section

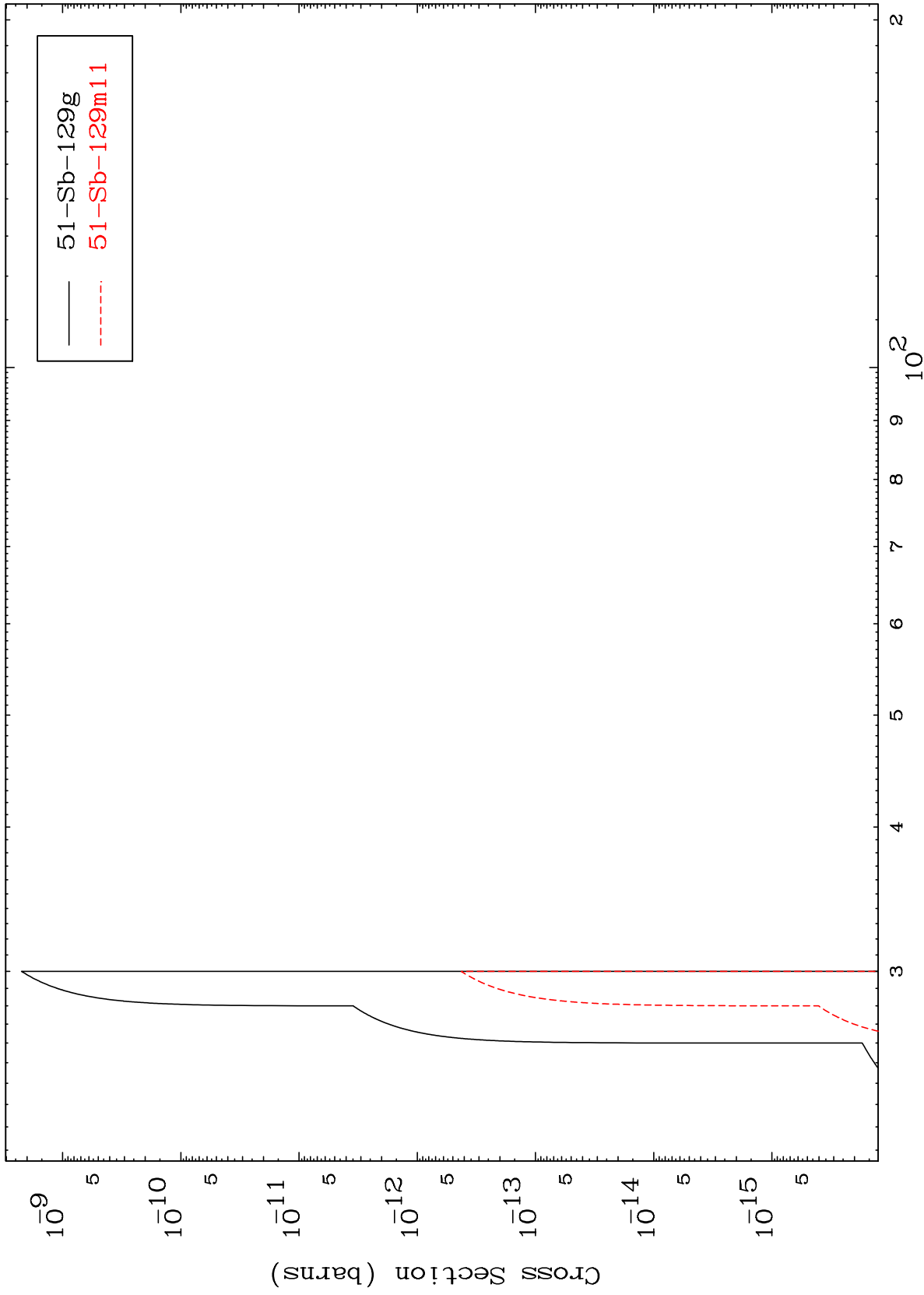


16

Incident Energy (MeV)

51-Sb-129

Radionuclide Production Cross Section

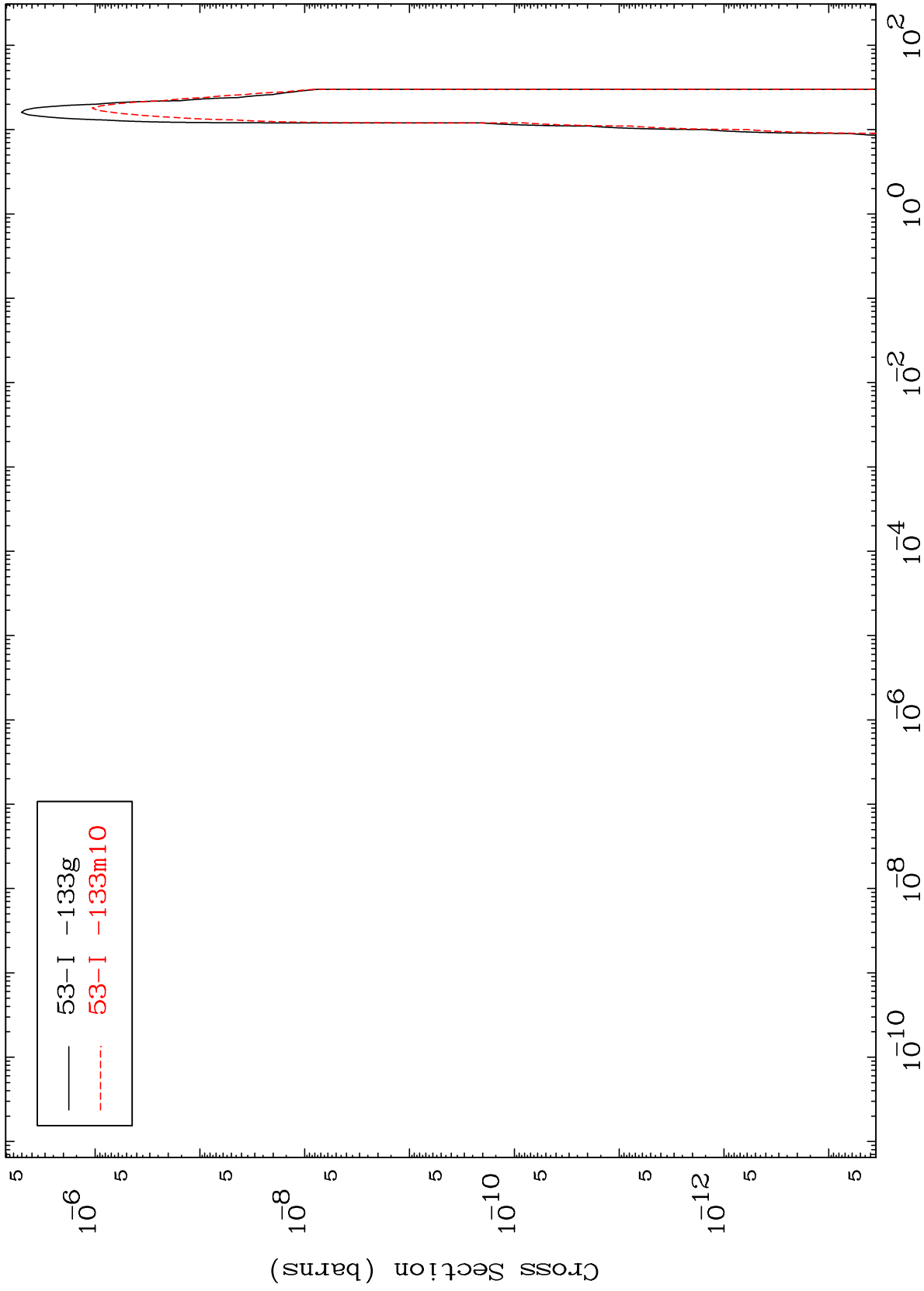


MAT 5149

( $\alpha, \gamma$ )

51-Sb-129

Radionuclide Production Cross Section

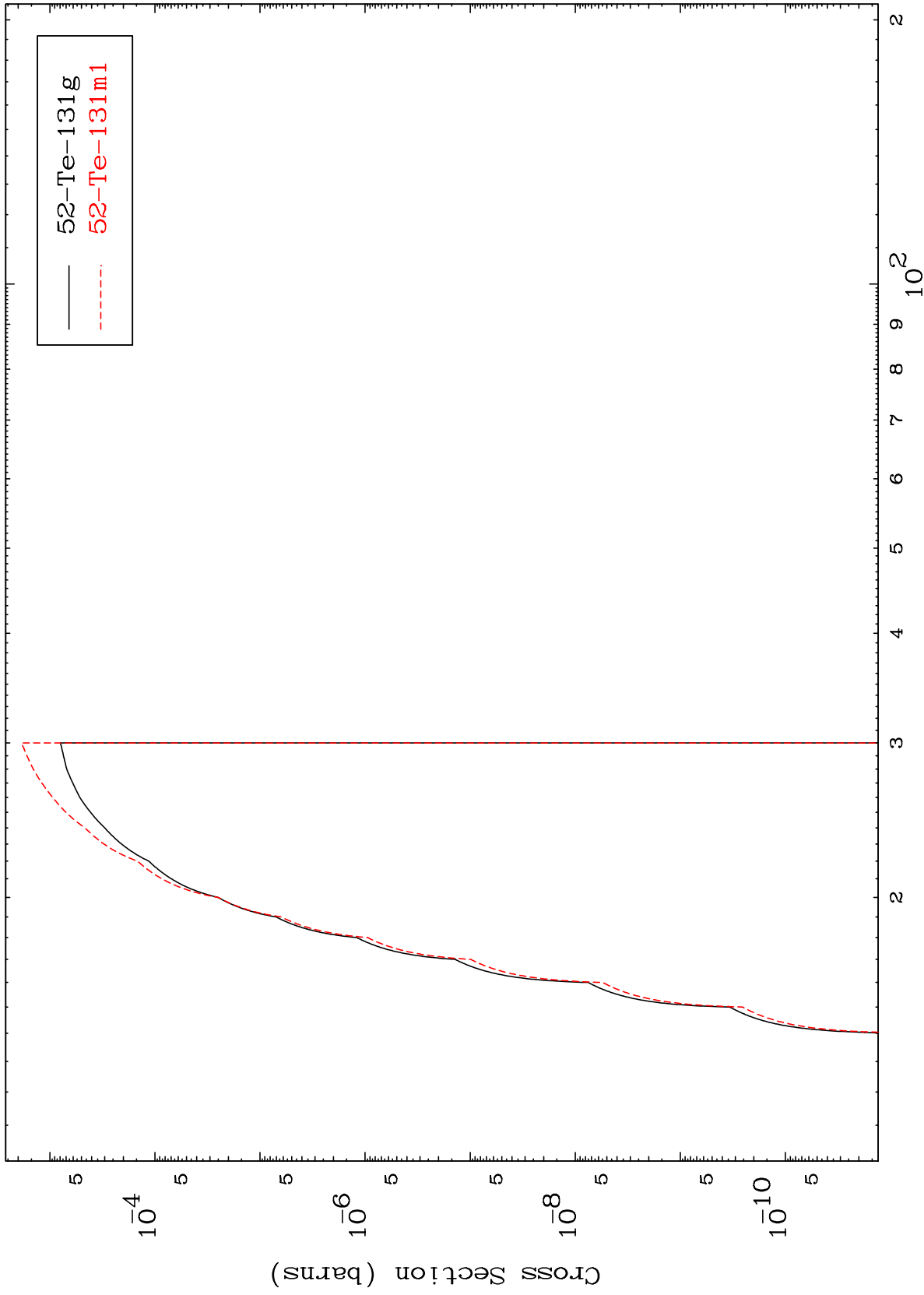


18

Incident Energy (MeV)

51-Sb-129

Radionuclide Production Cross Section

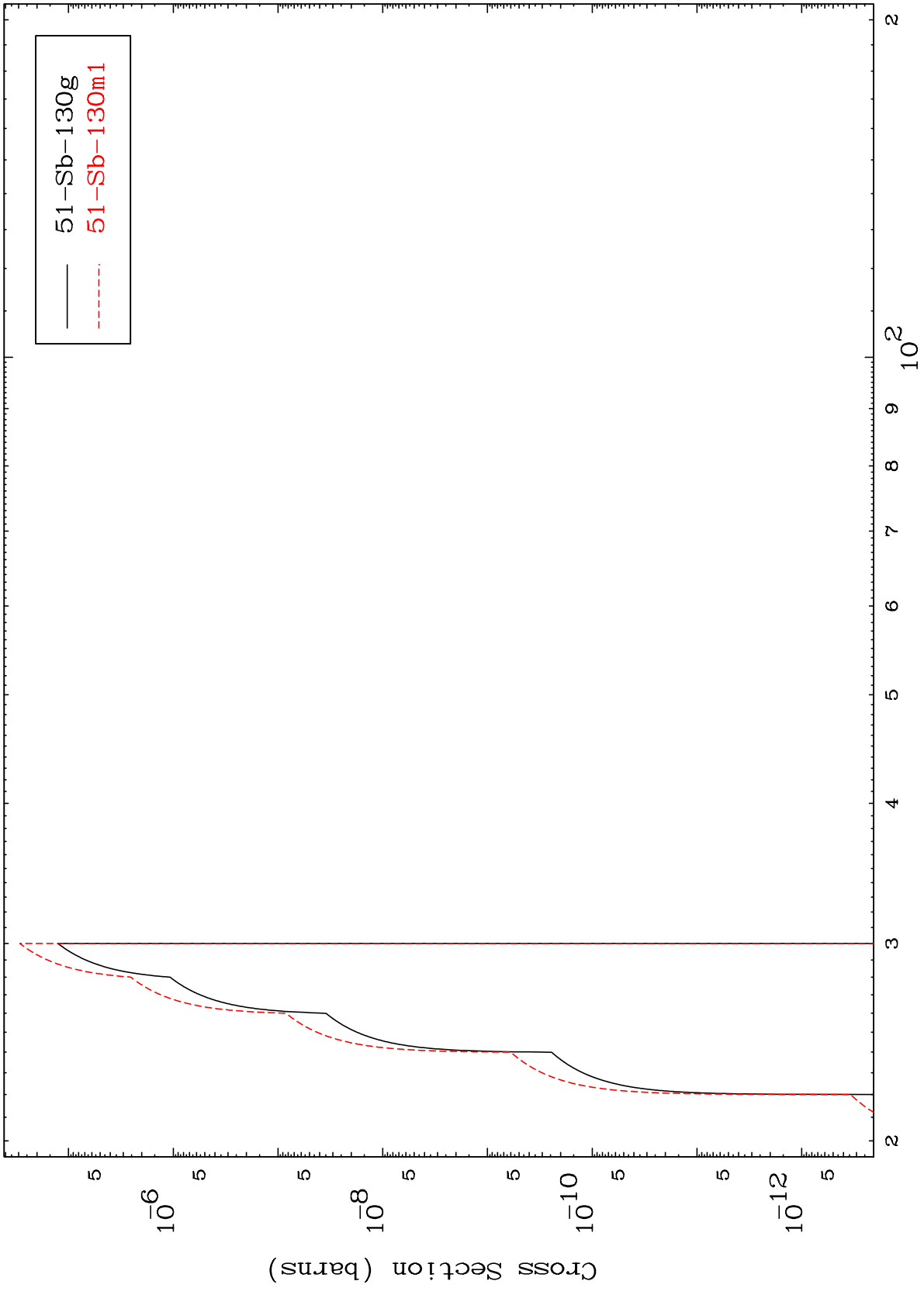


MAT 5149

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

51-Sb-129

Radionuclide Production Cross Section



20

Incident Energy (MeV)

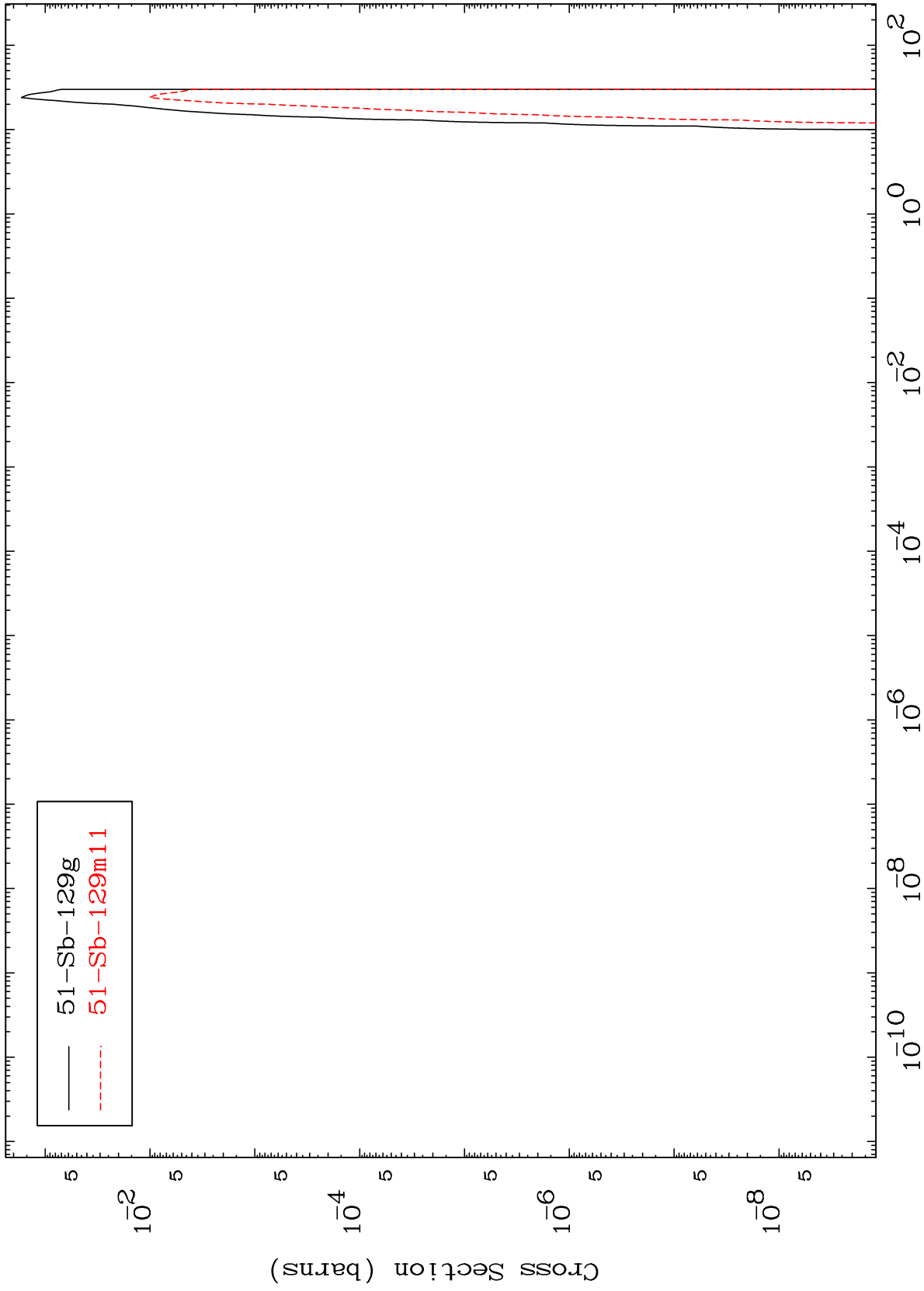
51-Sb-129

MAT 5149

( $\alpha, \alpha$ )

51-Sb-129

Radionuclide Production Cross Section



21

Incident Energy (MeV)

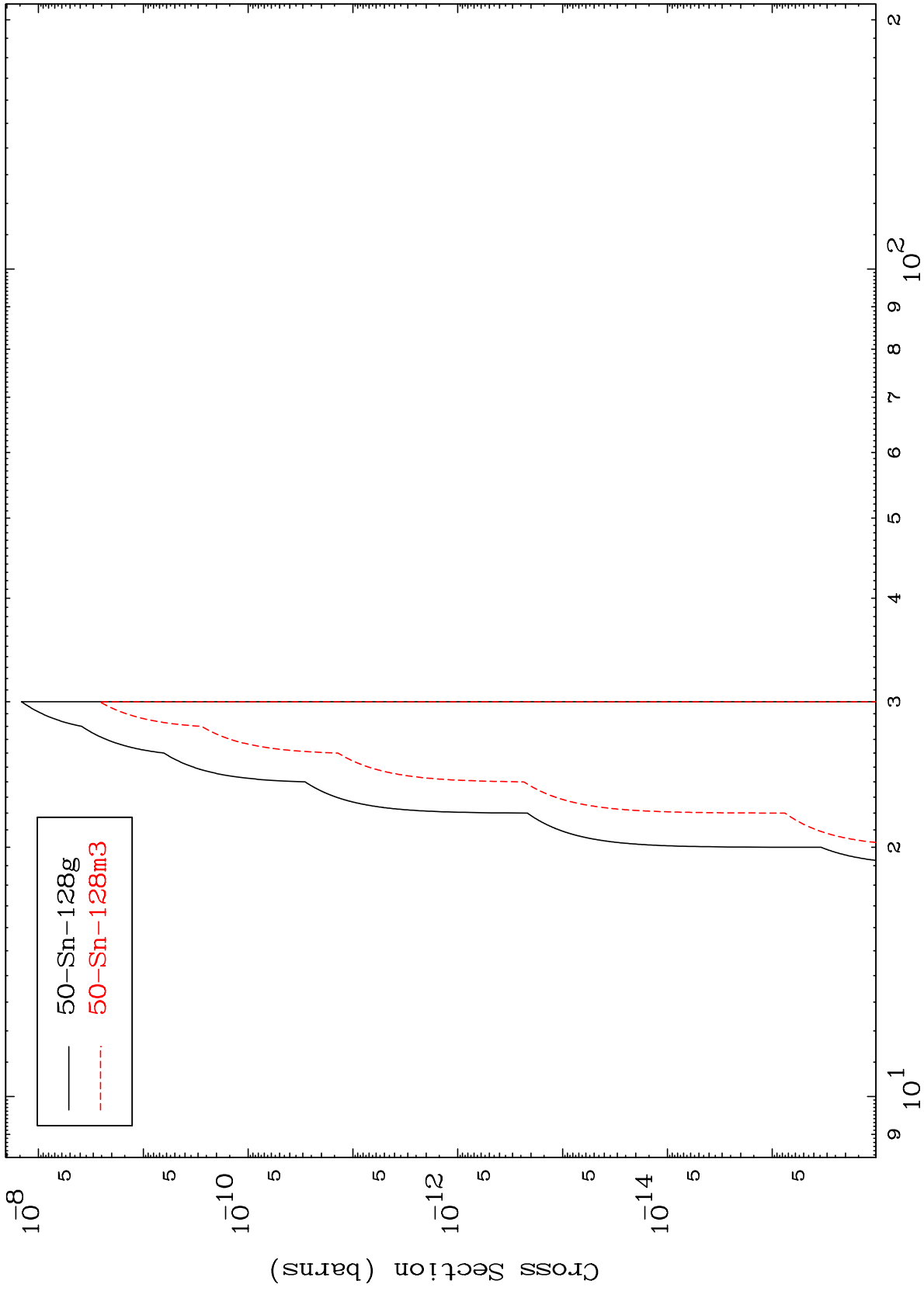
51-Sb-129

MAT 5149

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

51-Sb-129

Radionuclide Production Cross Section



22

Incident Energy (MeV)

51-Sb-129