

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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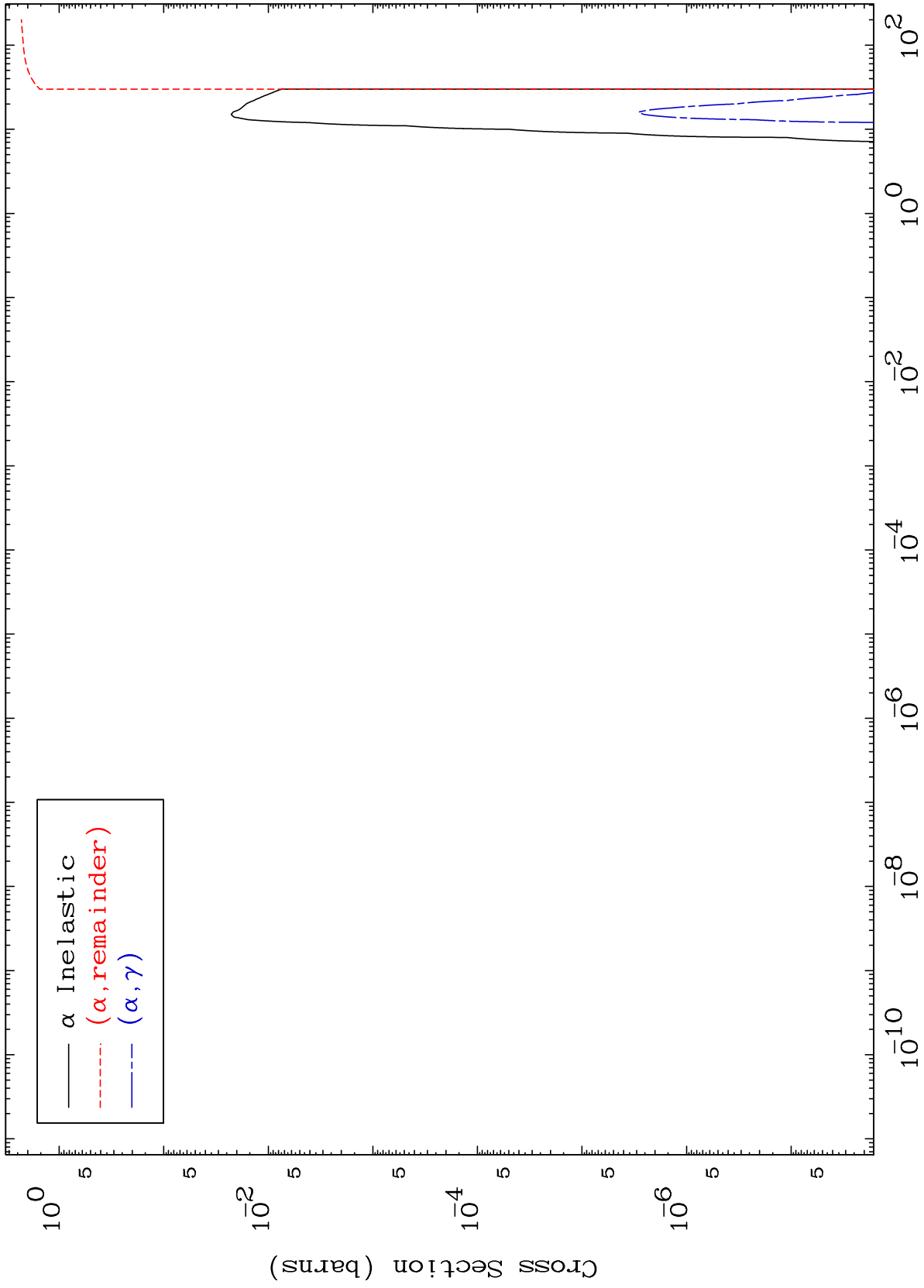
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5153

0 Kelvin  $\alpha$  Major  
Cross Sections

51-Sb-130

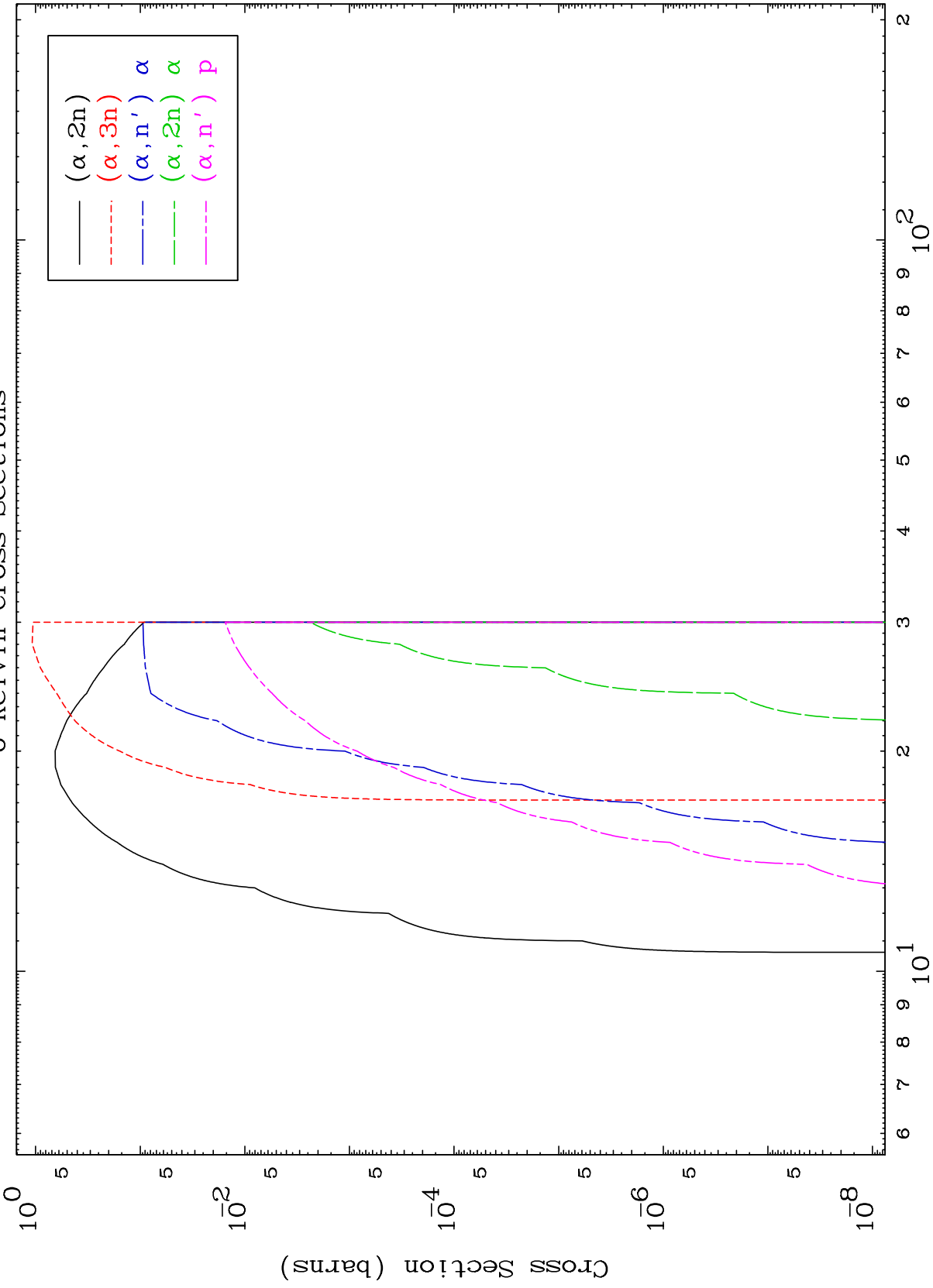


51-Sb-130

MAT 5153

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

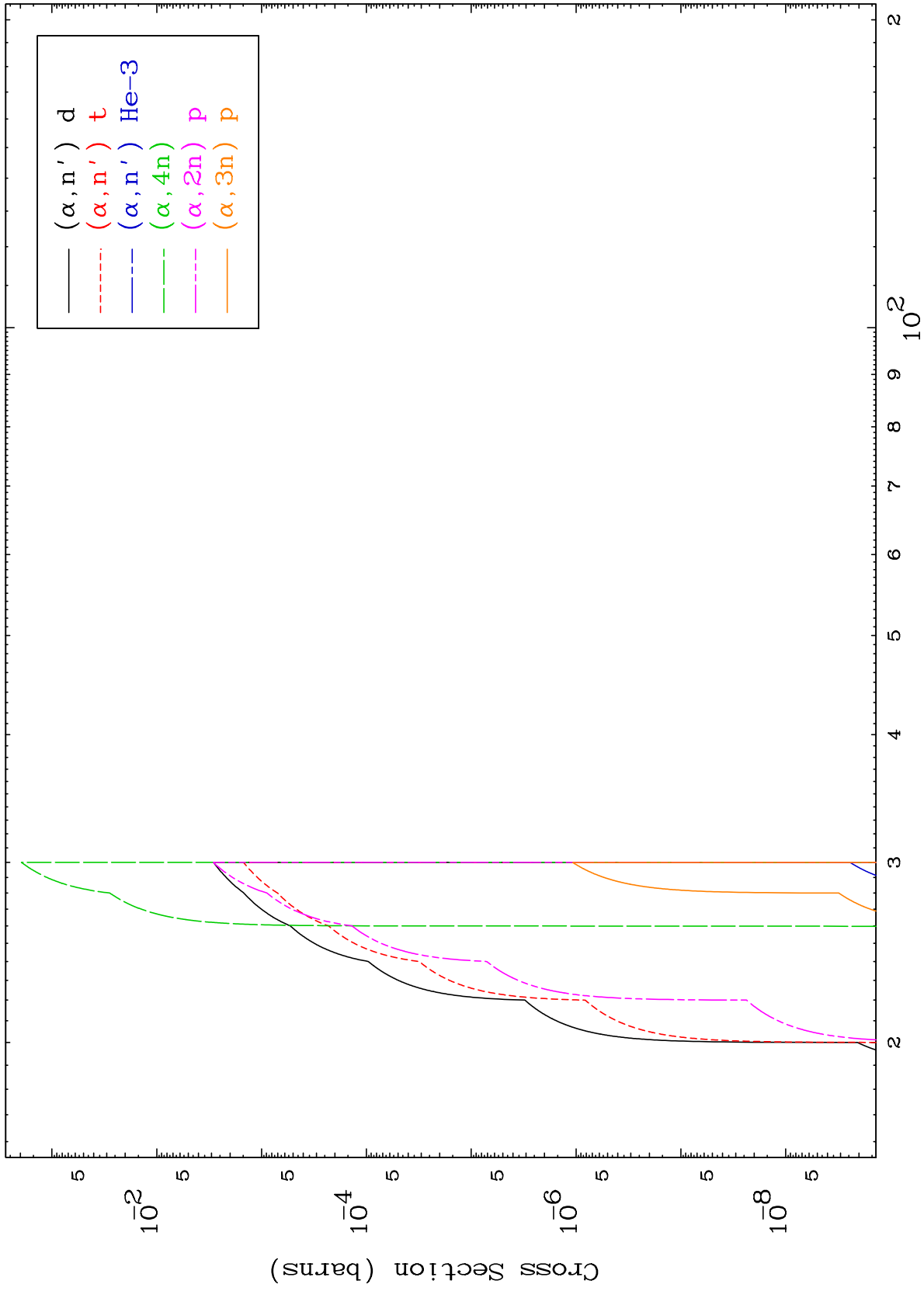
51-Sb-130



2

Incident Energy (MeV)

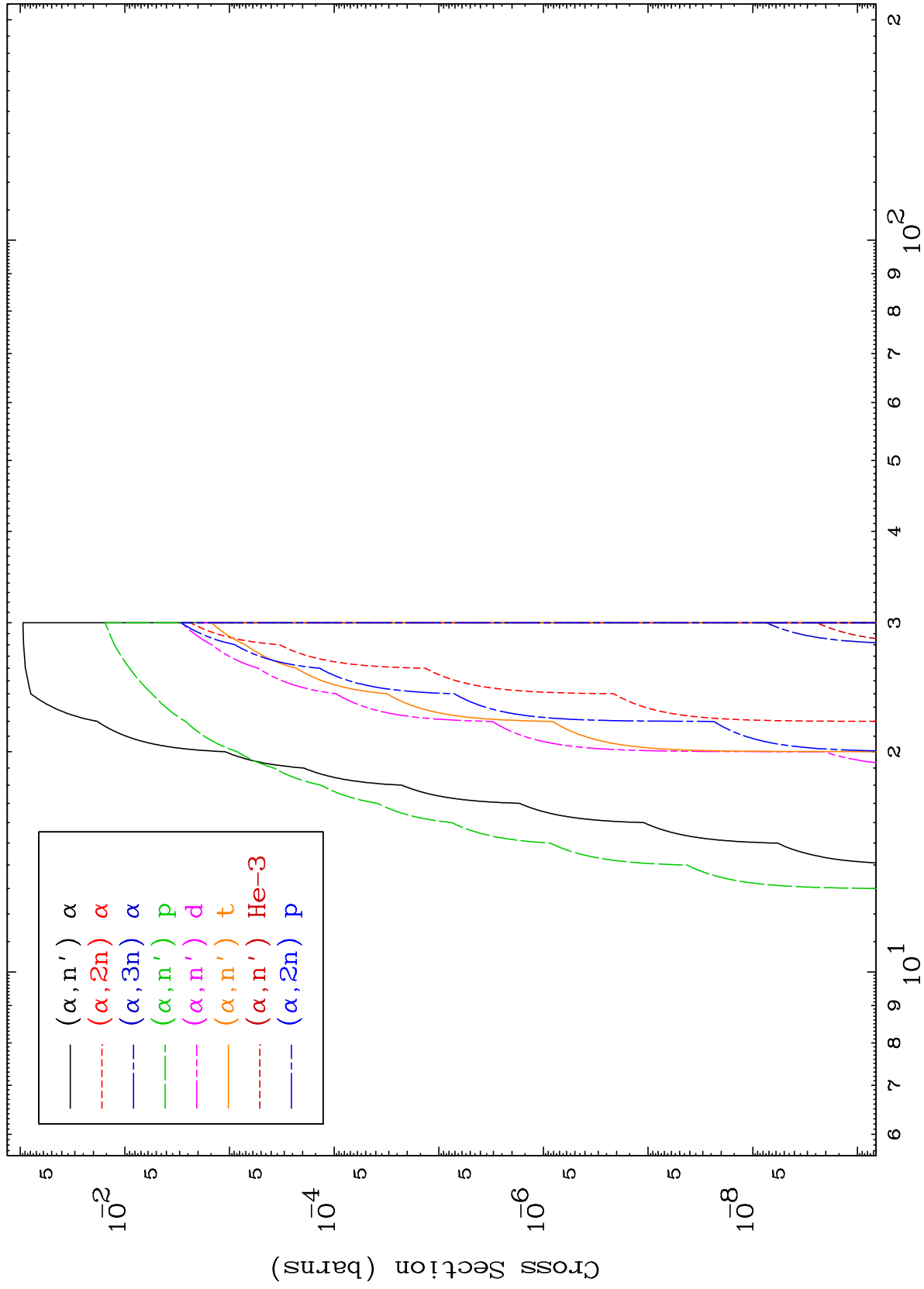
51-Sb-130



MAT 5153

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

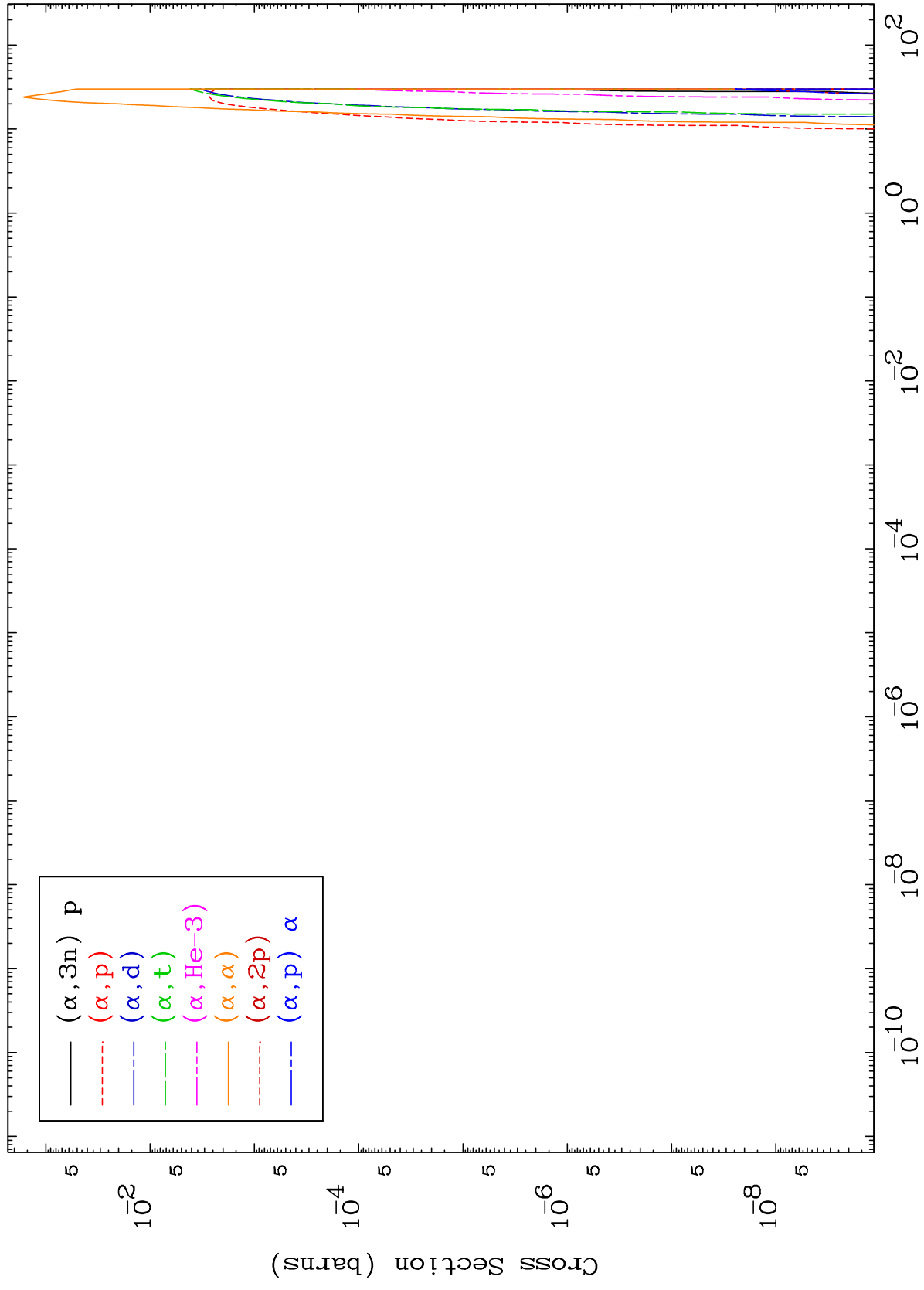
51-Sb-130



MAT 5153

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

51-Sb-130



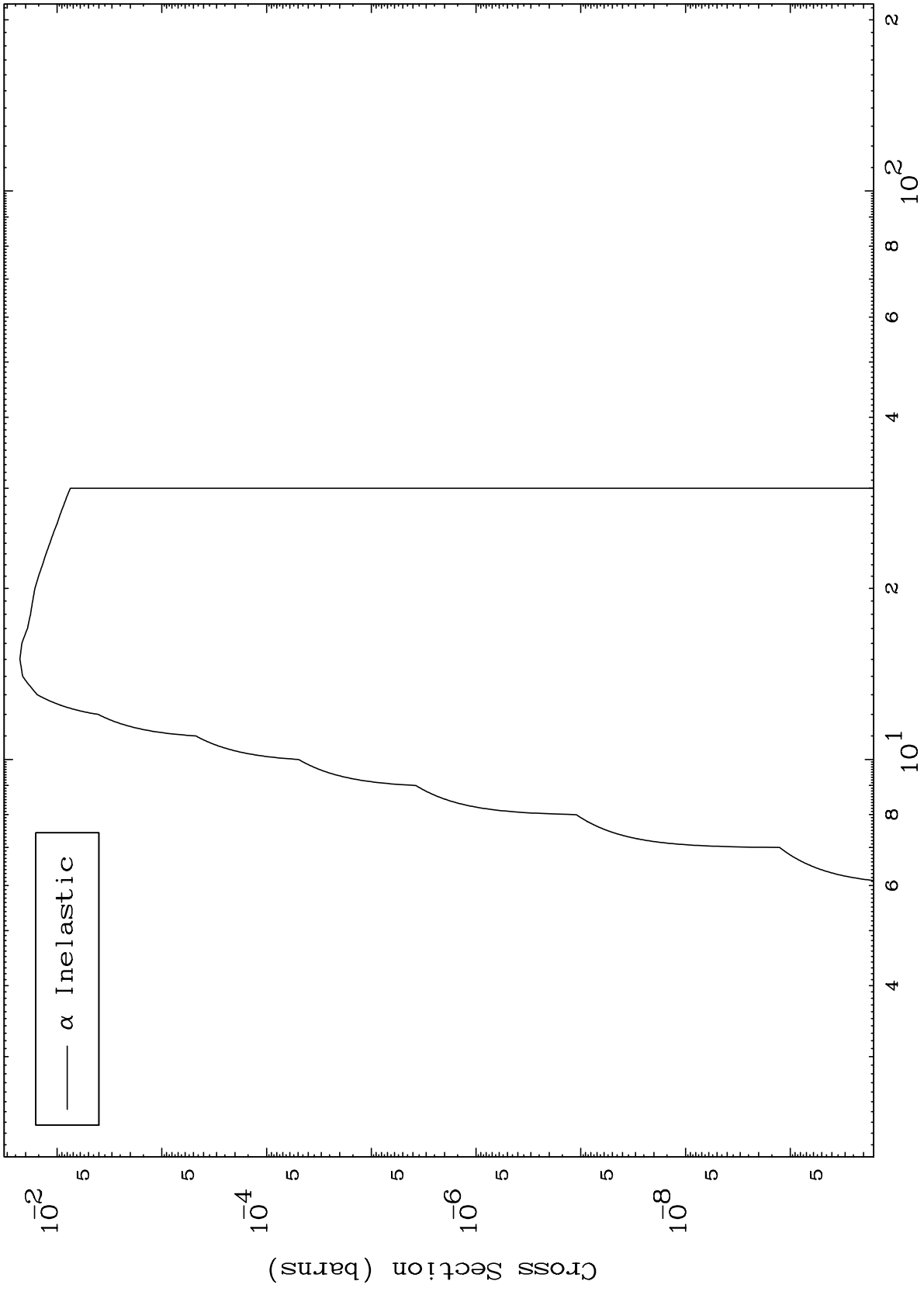
5

51-Sb-130

MAT 5153

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

51-Sb-130



6

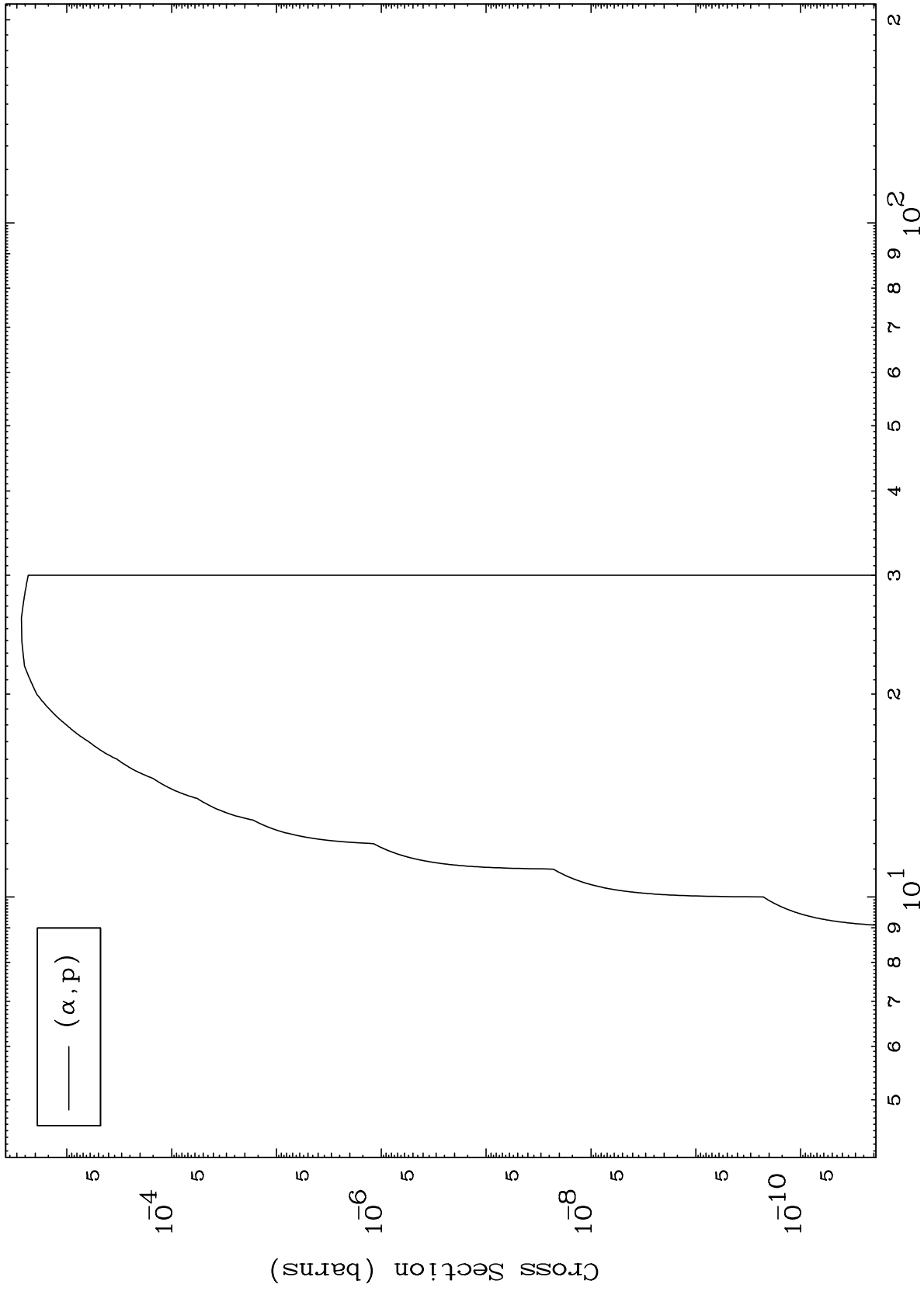
Incident Energy (MeV)

51-Sb-130

MAT 5153

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

51-Sb-130



7

Incident Energy (MeV)

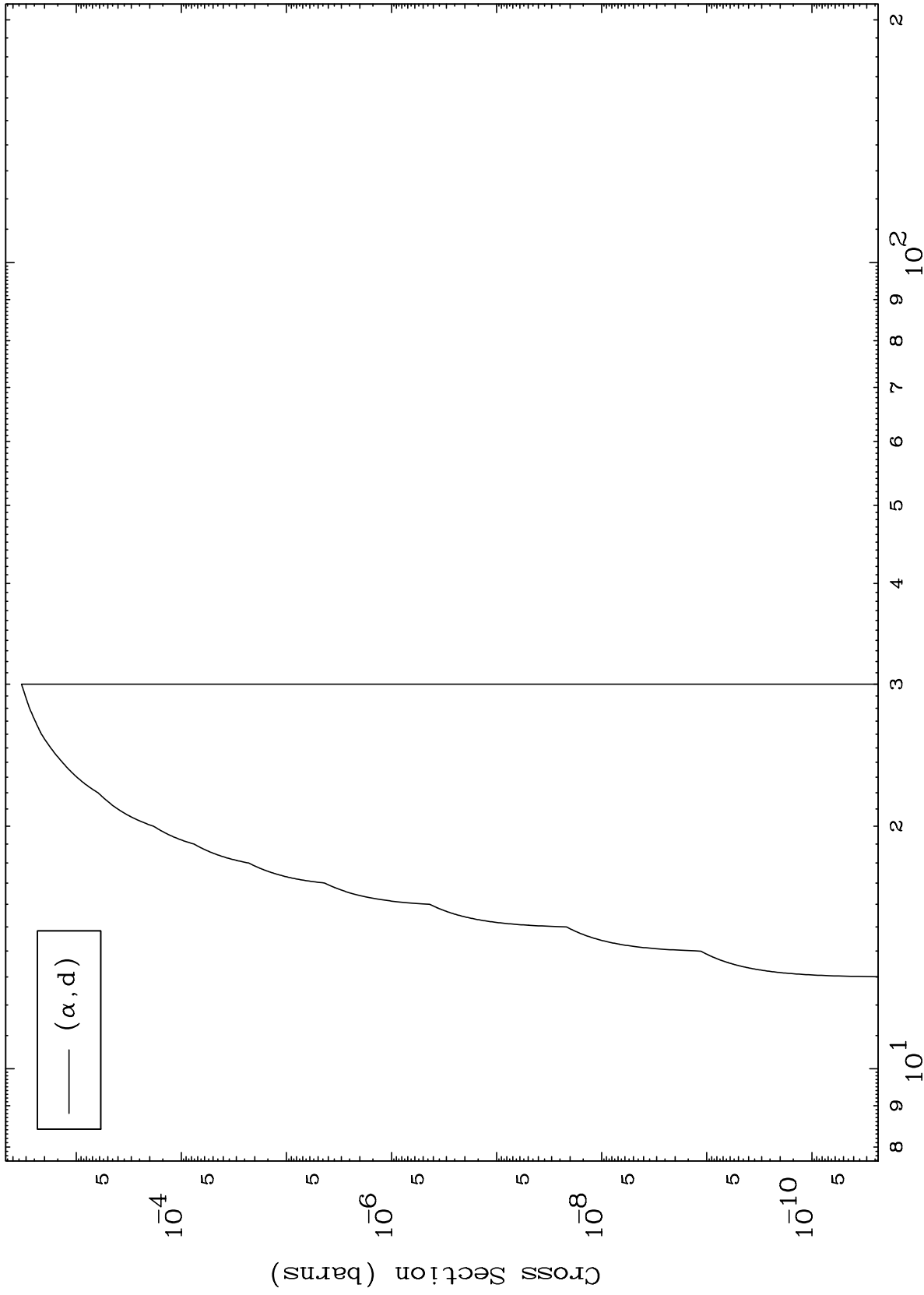
51-Sb-130



MAT 5153

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

51-Sb-130



8

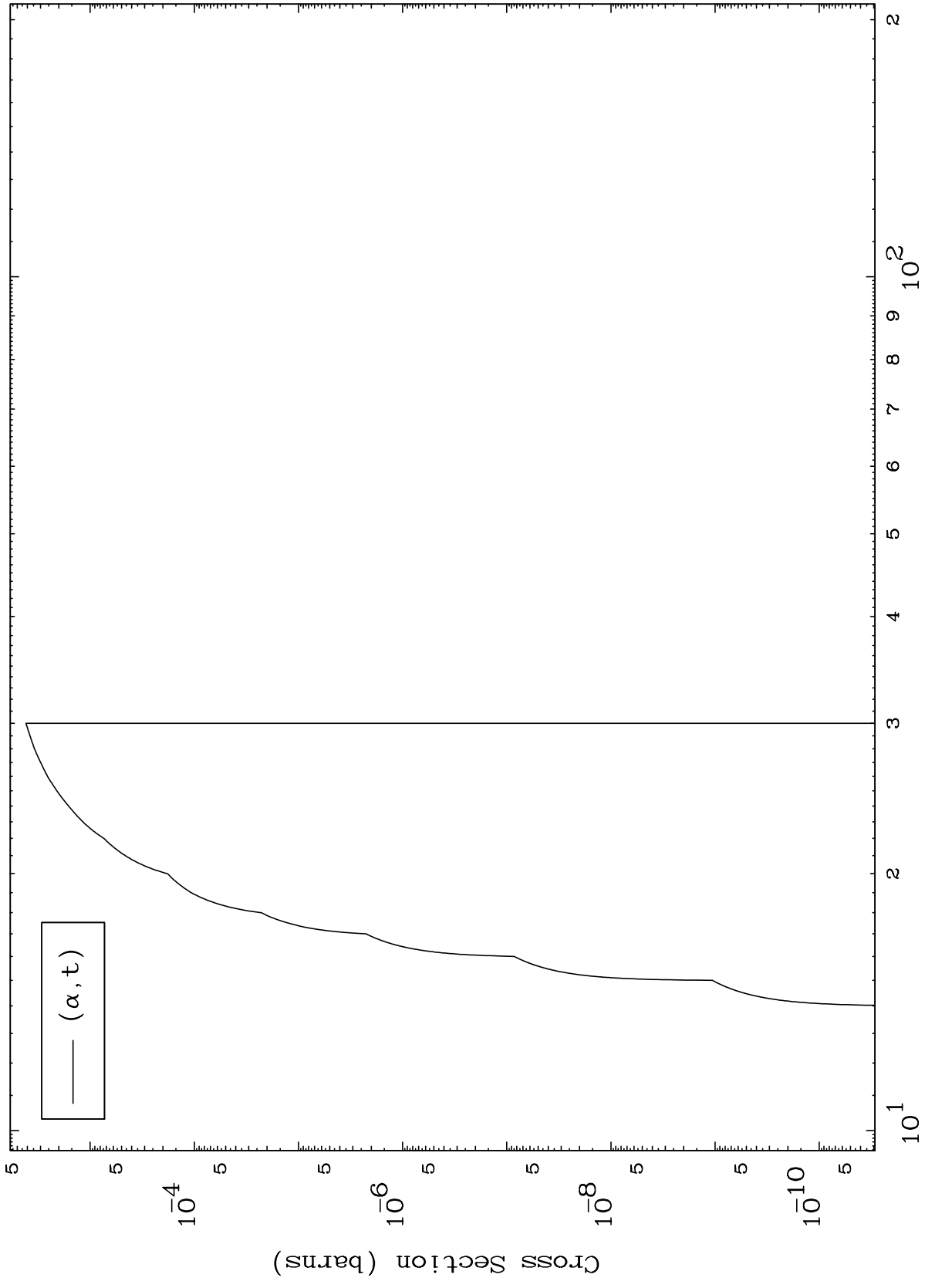
Incident Energy (MeV)

51-Sb-130

MAT 5153

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

51-Sb-130



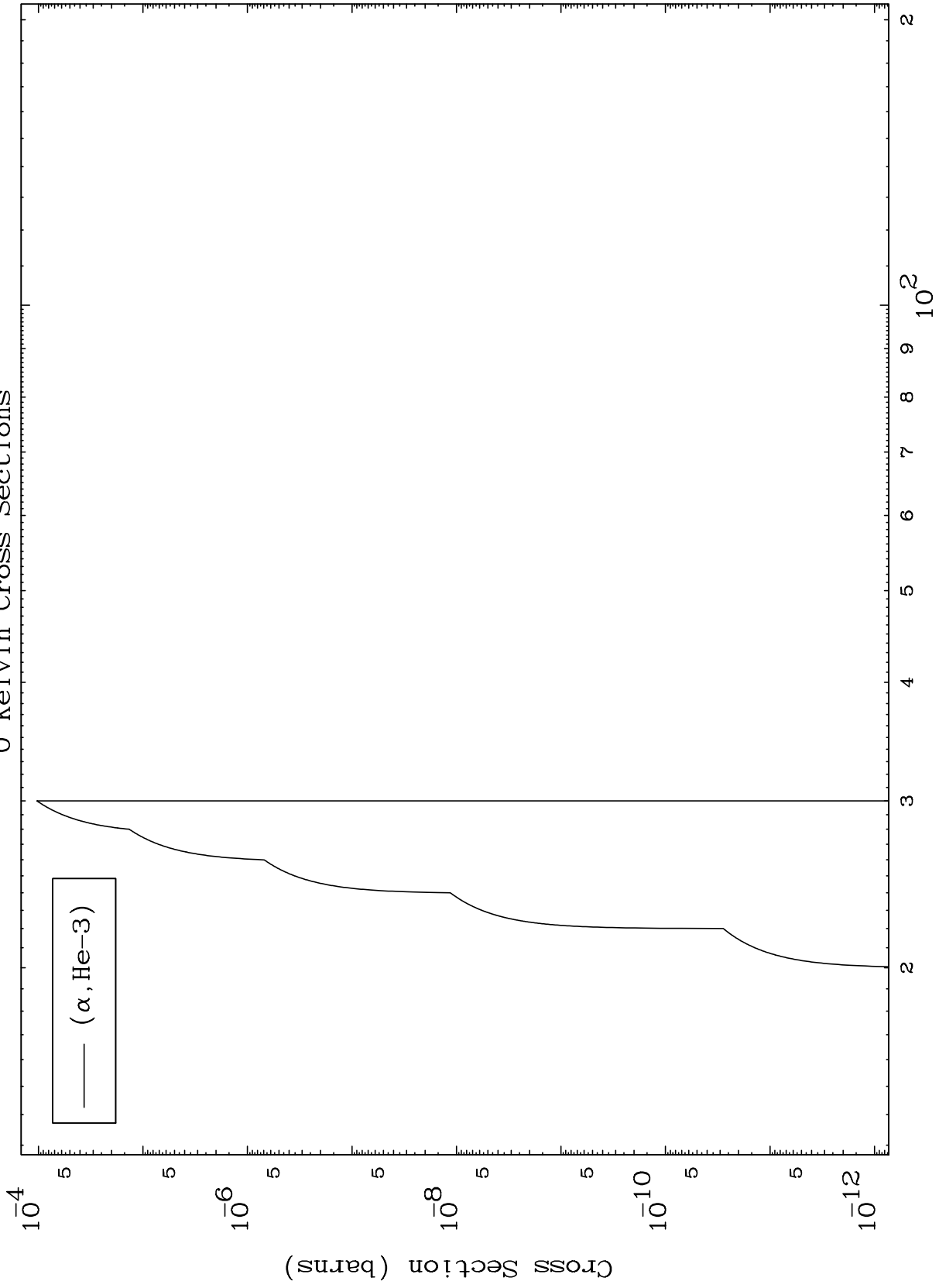
Incident Energy (MeV)

51-Sb-130

MAT 5153

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

51-Sb-130



10

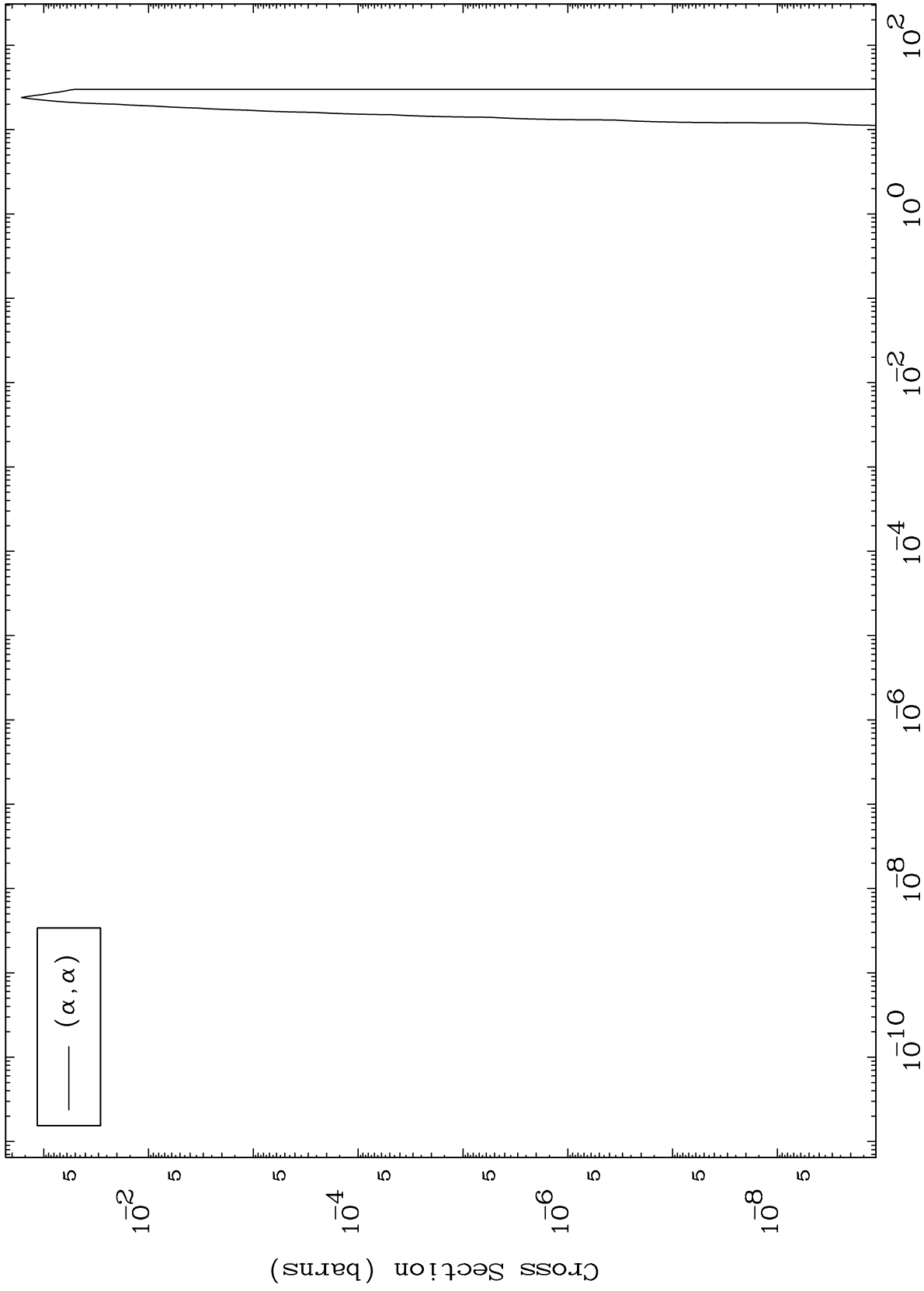
Incident Energy (MeV)

51-Sb-130

MAT 5153

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

51-Sb-130



11

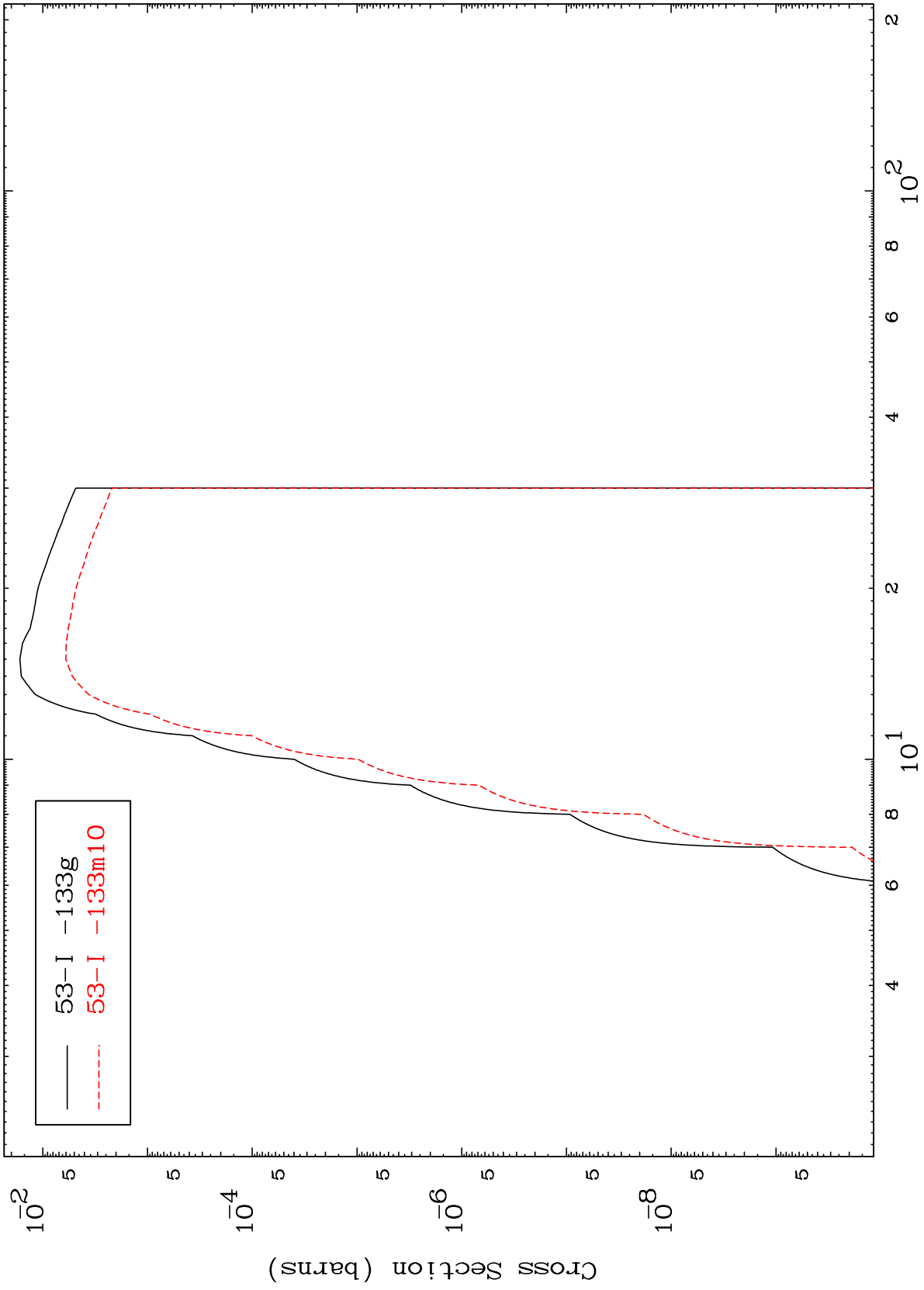
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

### Radionuclide Production Cross Section $\alpha$ Inelastic



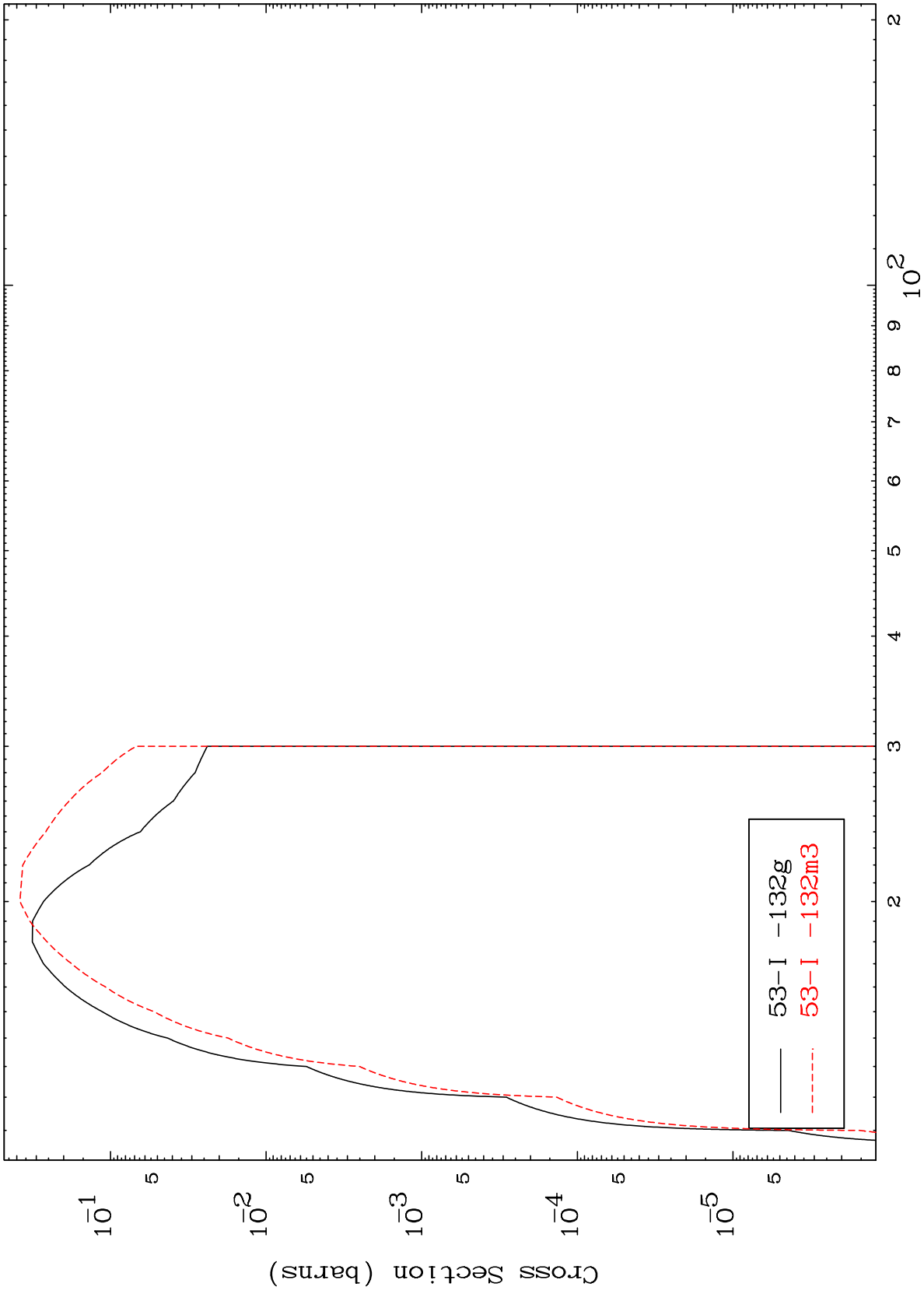
12

51-Sb-130

MAT 5153

51-Sb-130

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



13

Incident Energy (MeV)

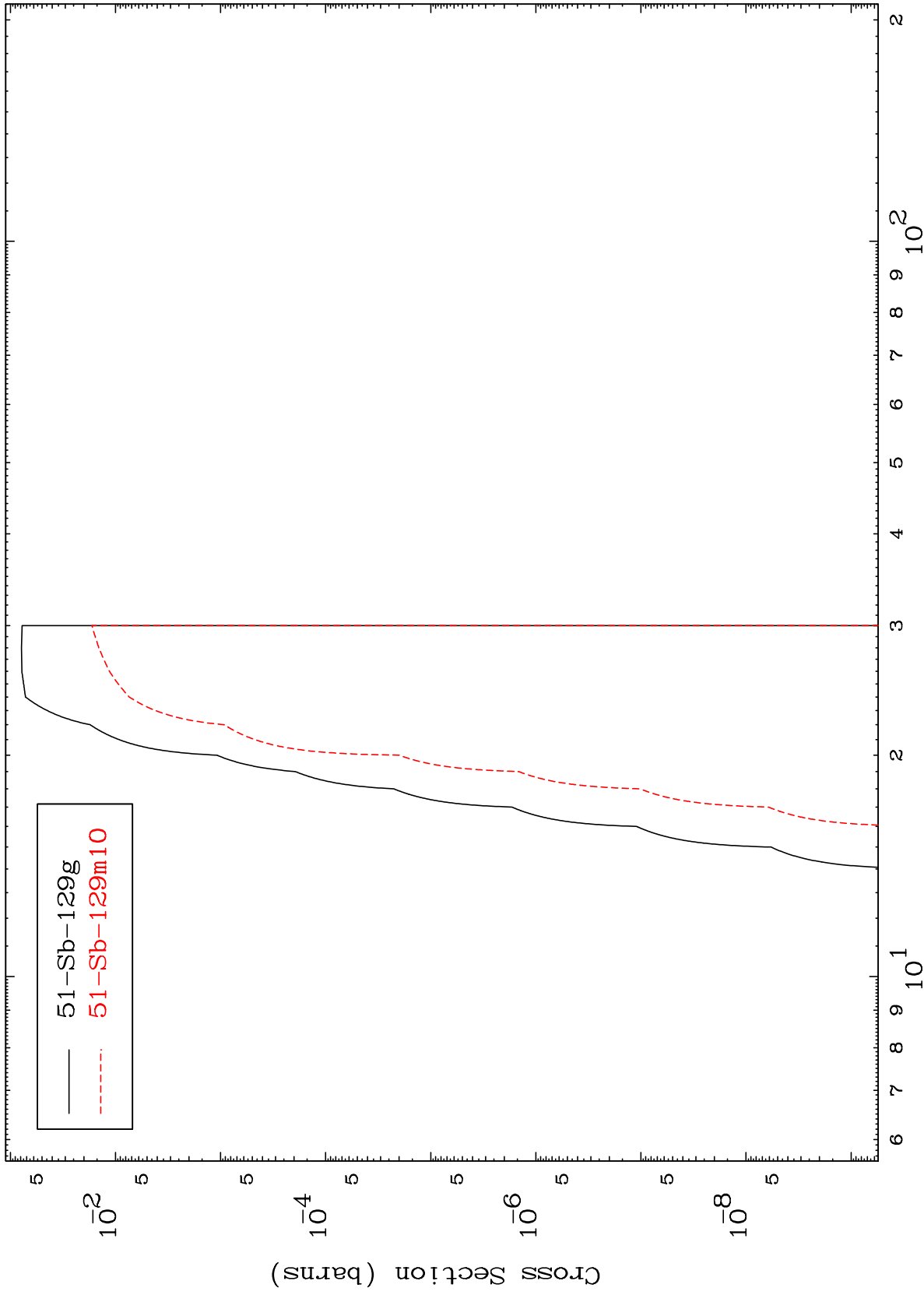
51-Sb-130

MAT 5153

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

51-Sb-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

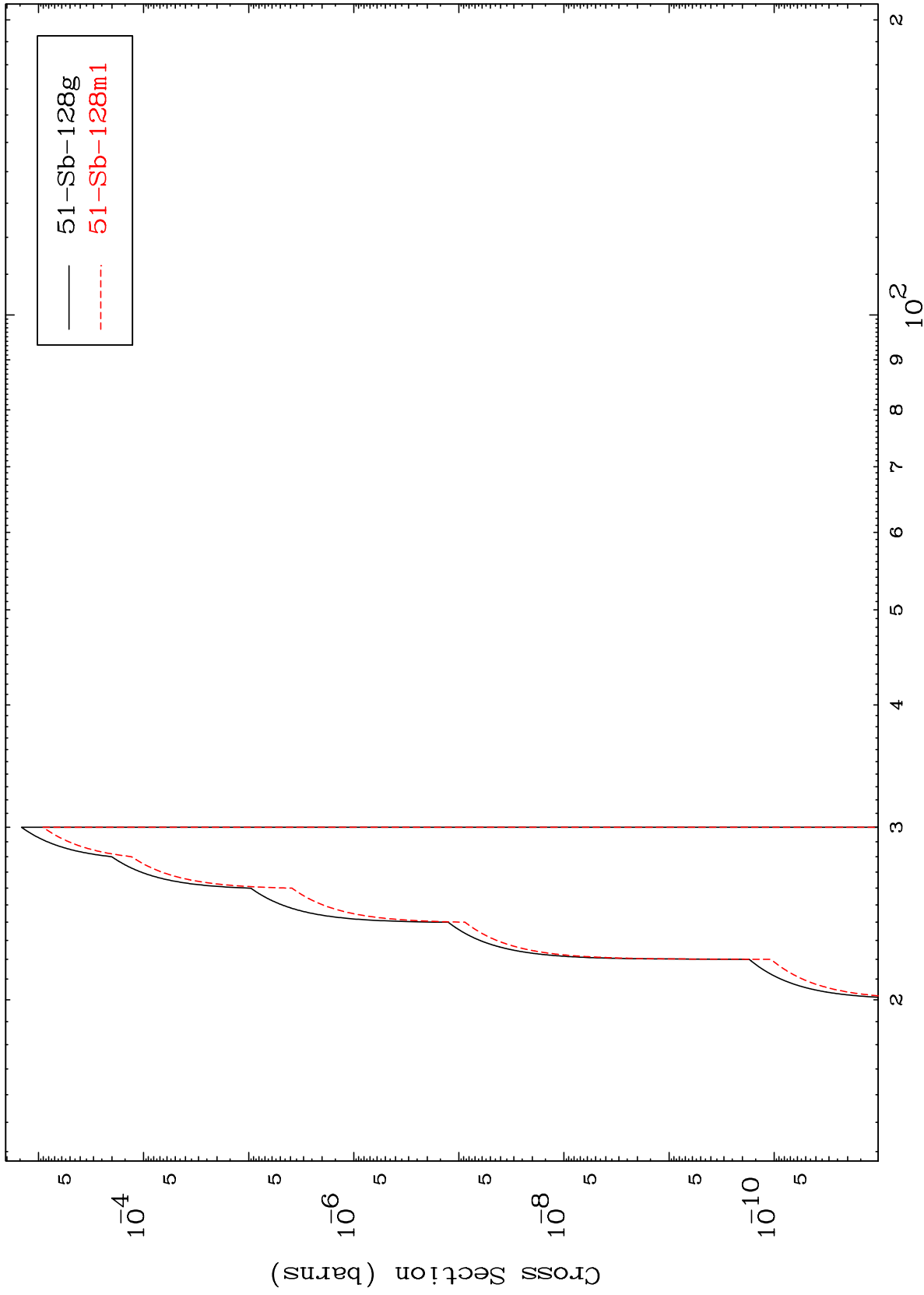
51-Sb-130

MAT 5153

$(\alpha, 2n) \alpha$

51-Sb-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-130

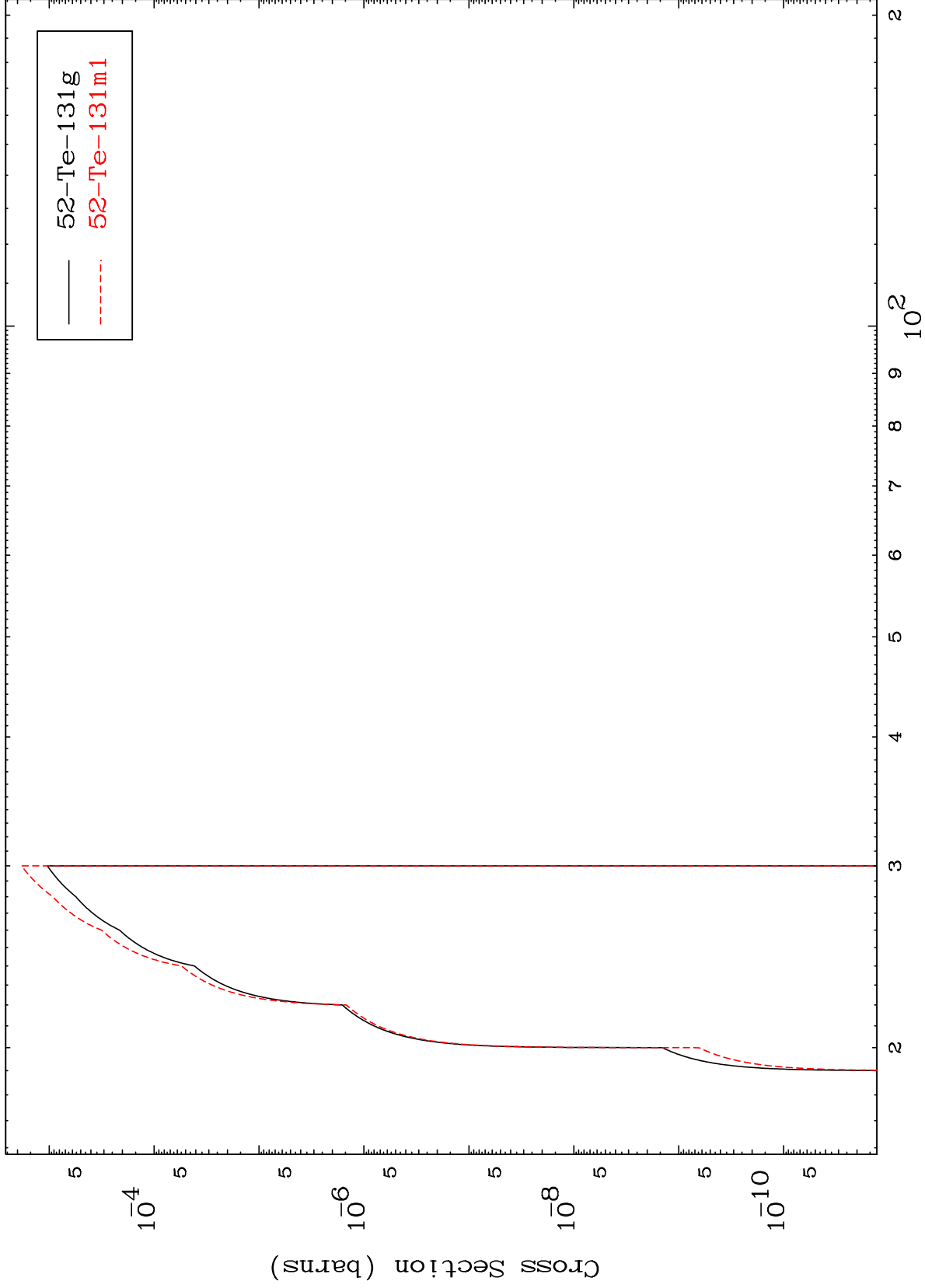


MAT 5153

( $\alpha, n'$ ) d

51-Sb-130

Radionuclide Production Cross Section



16

Incident Energy (MeV)

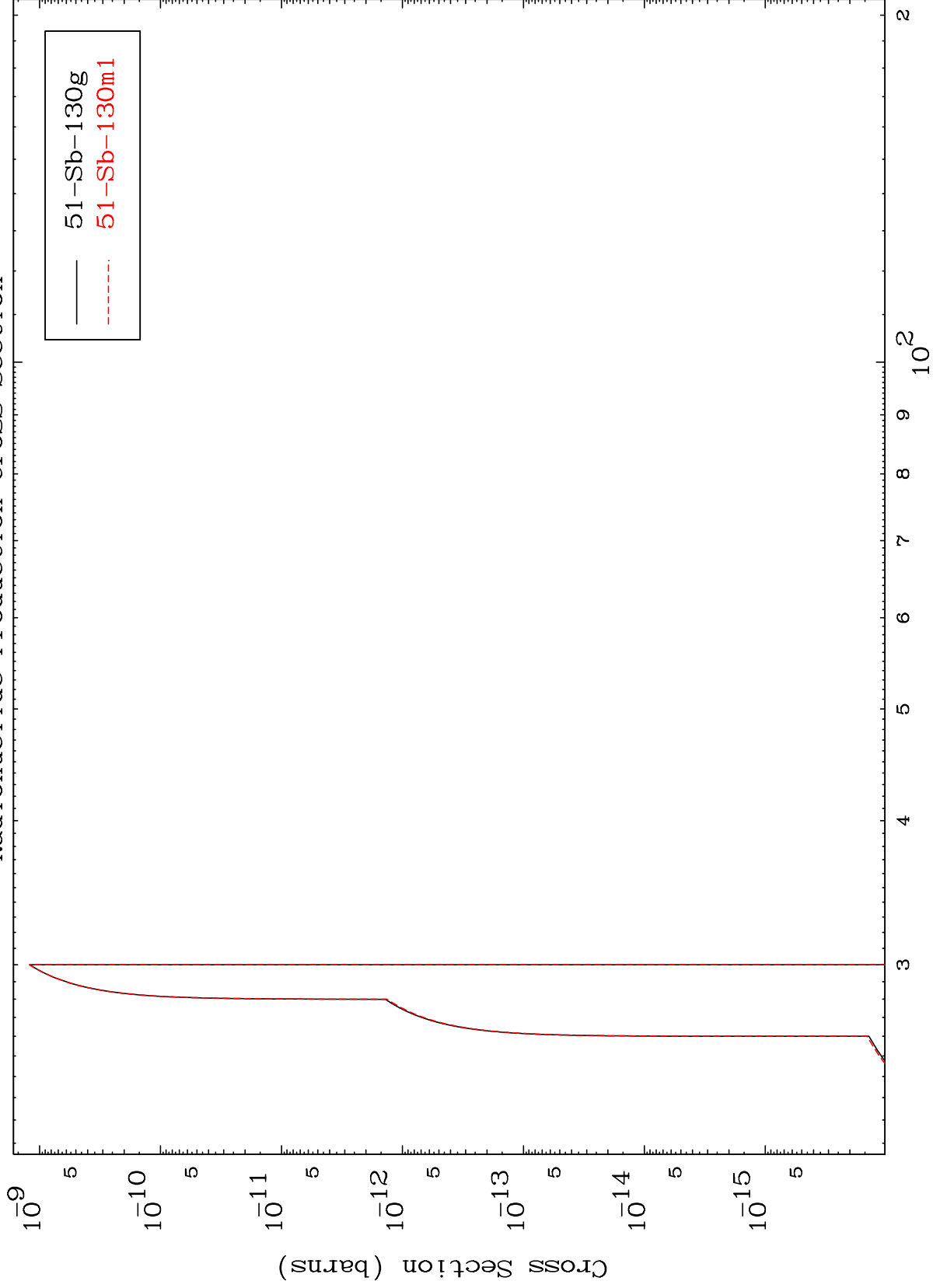
51-Sb-130

MAT 5153

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

51-Sb-130

Radionuclide Production Cross Section



17

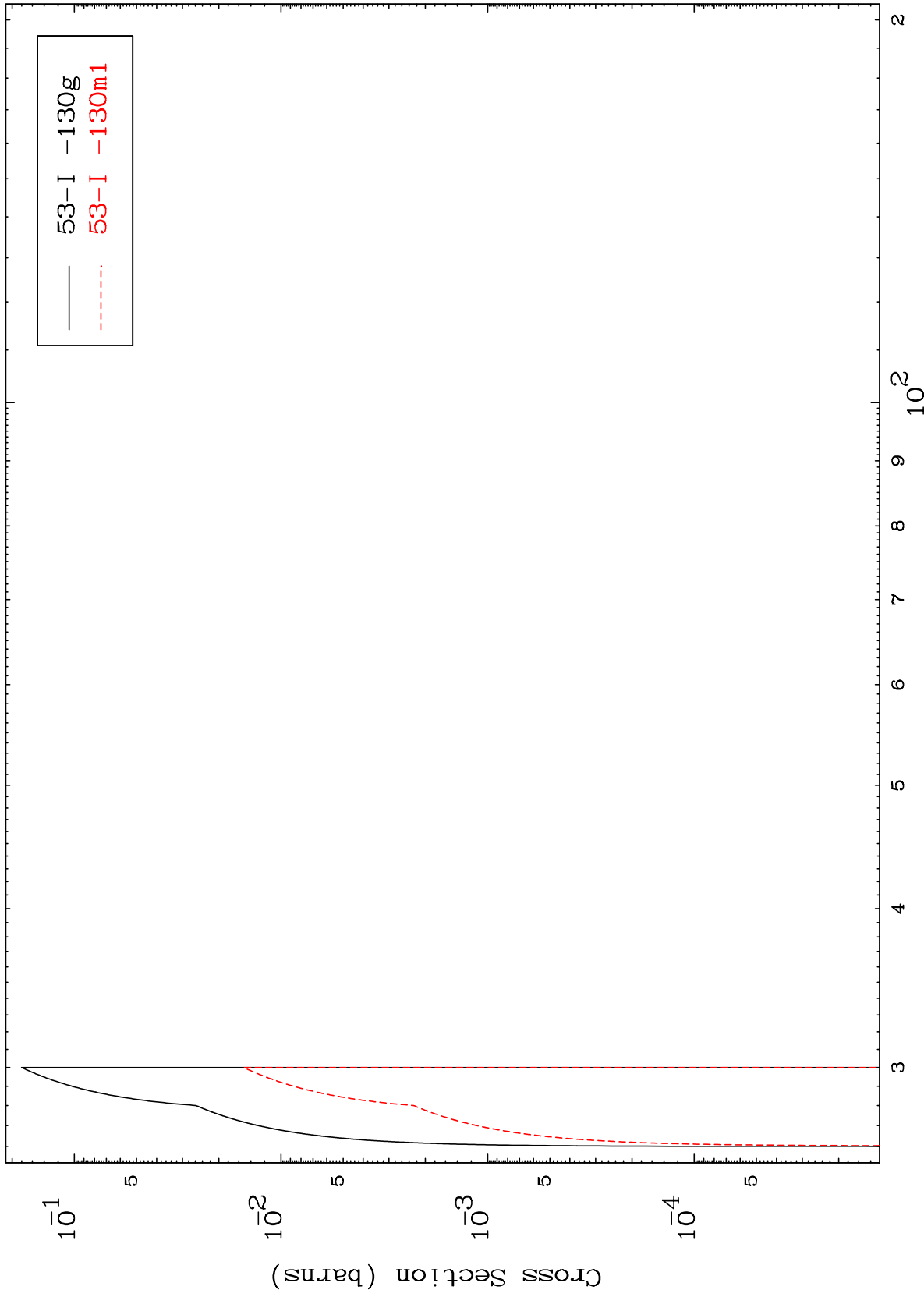
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

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



18

Incident Energy (MeV)

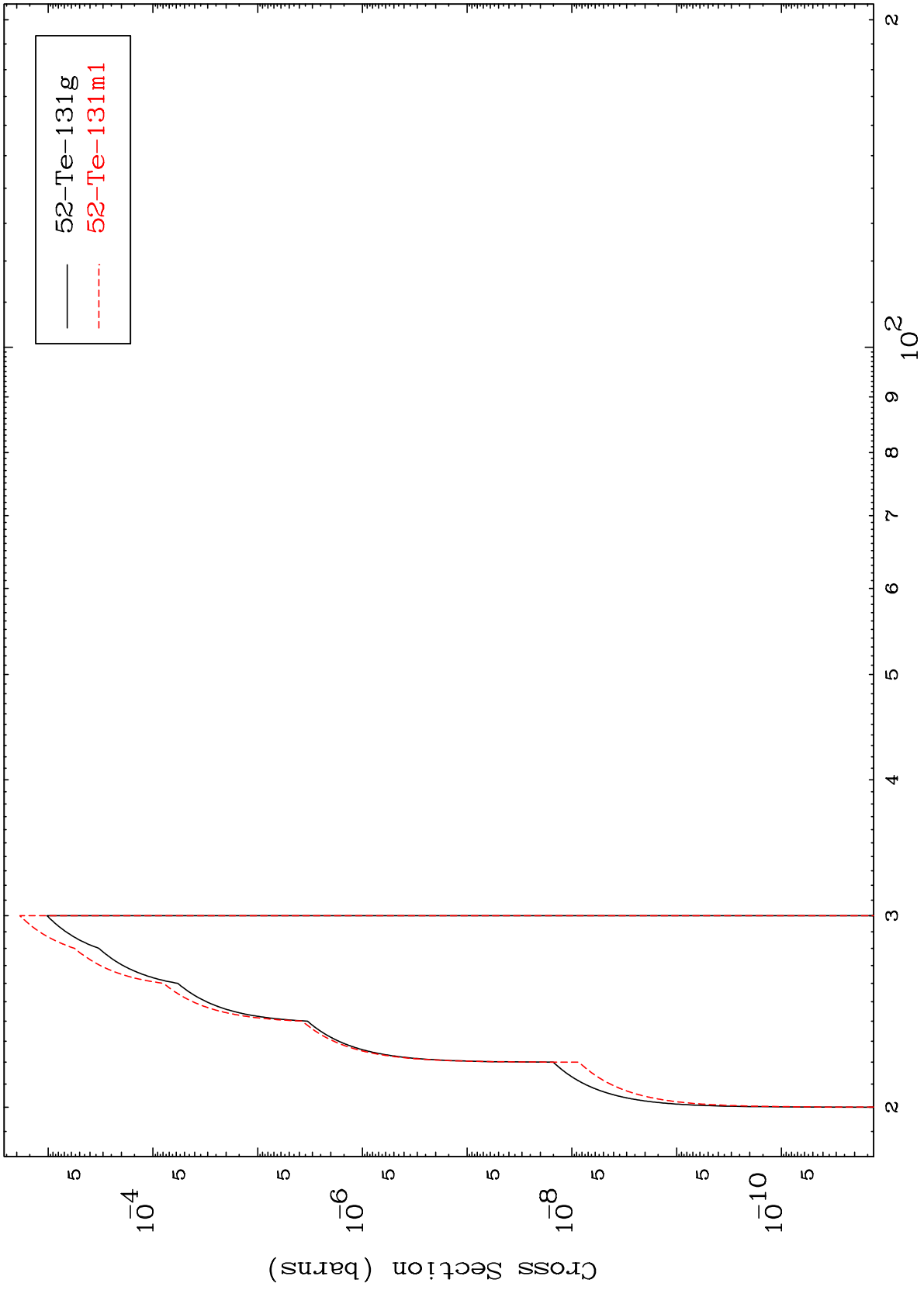
51-Sb-130

MAT 5153

( $\alpha, 2n$ ) p

51-Sb-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

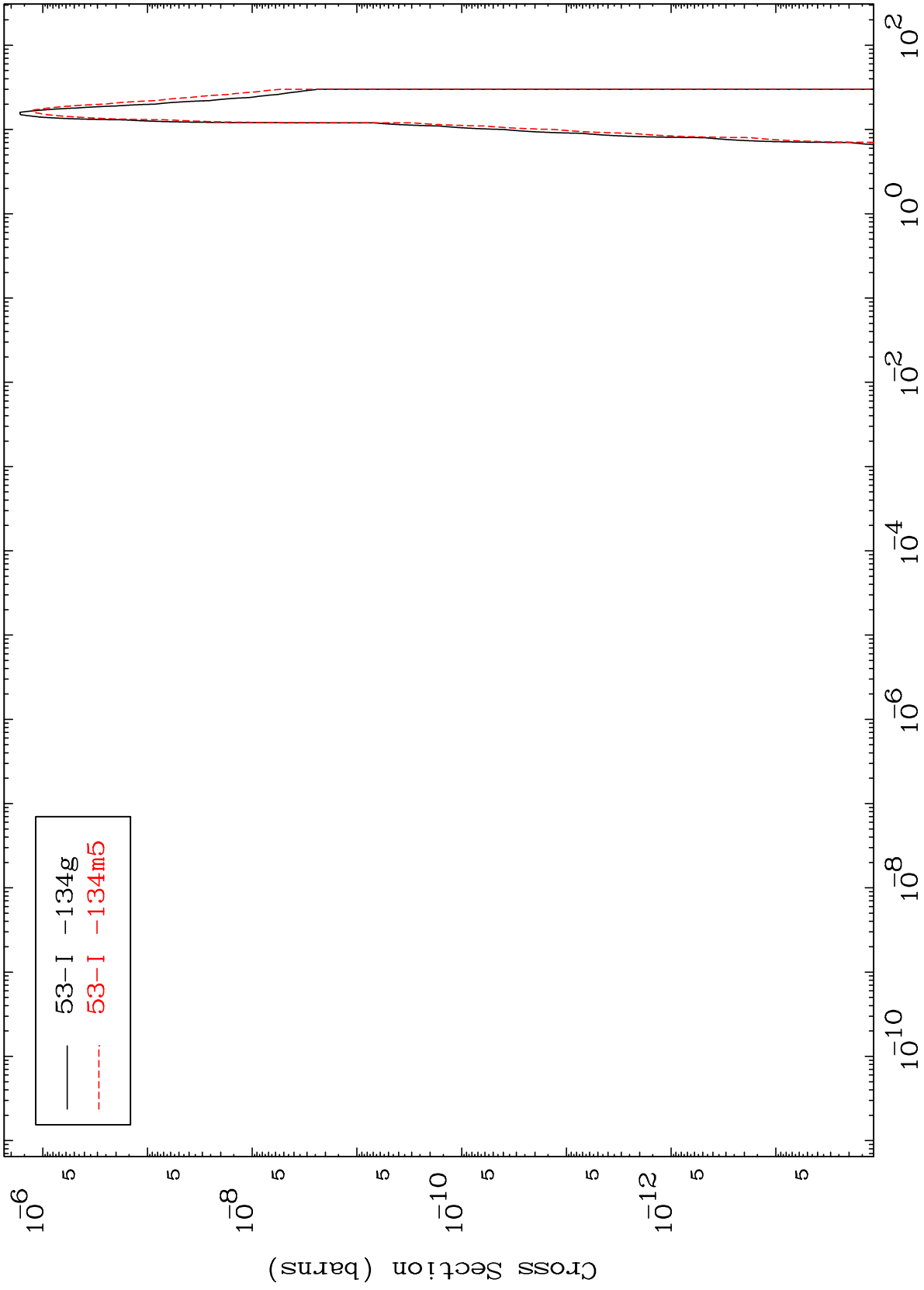
51-Sb-130

MAT 5153

( $\alpha, \gamma$ )

51-Sb-130

Radionuclide Production Cross Section



20

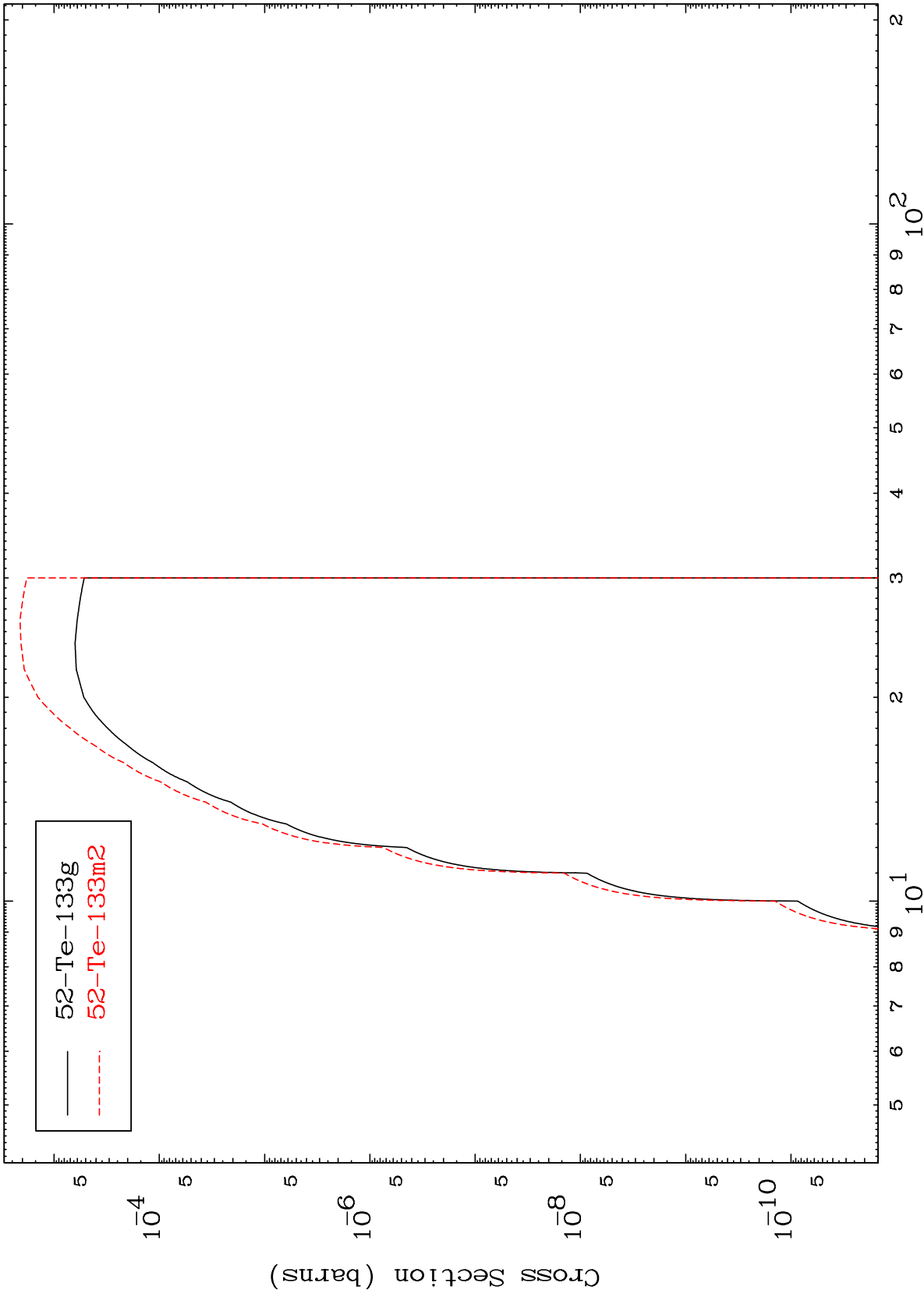
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

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

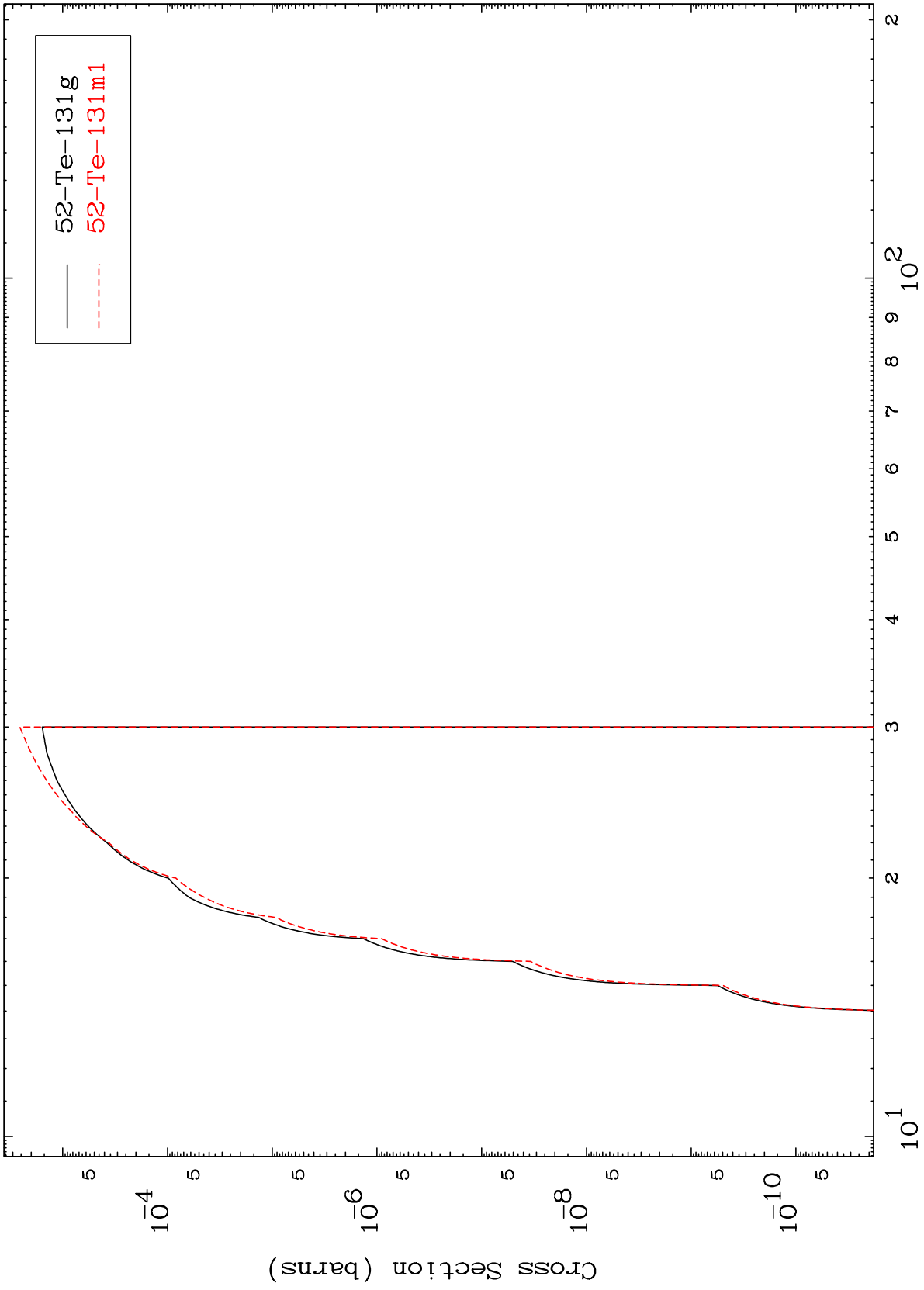


21

MAT 5153

51-Sb-130

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



51-Sb-130

Incident Energy (MeV)

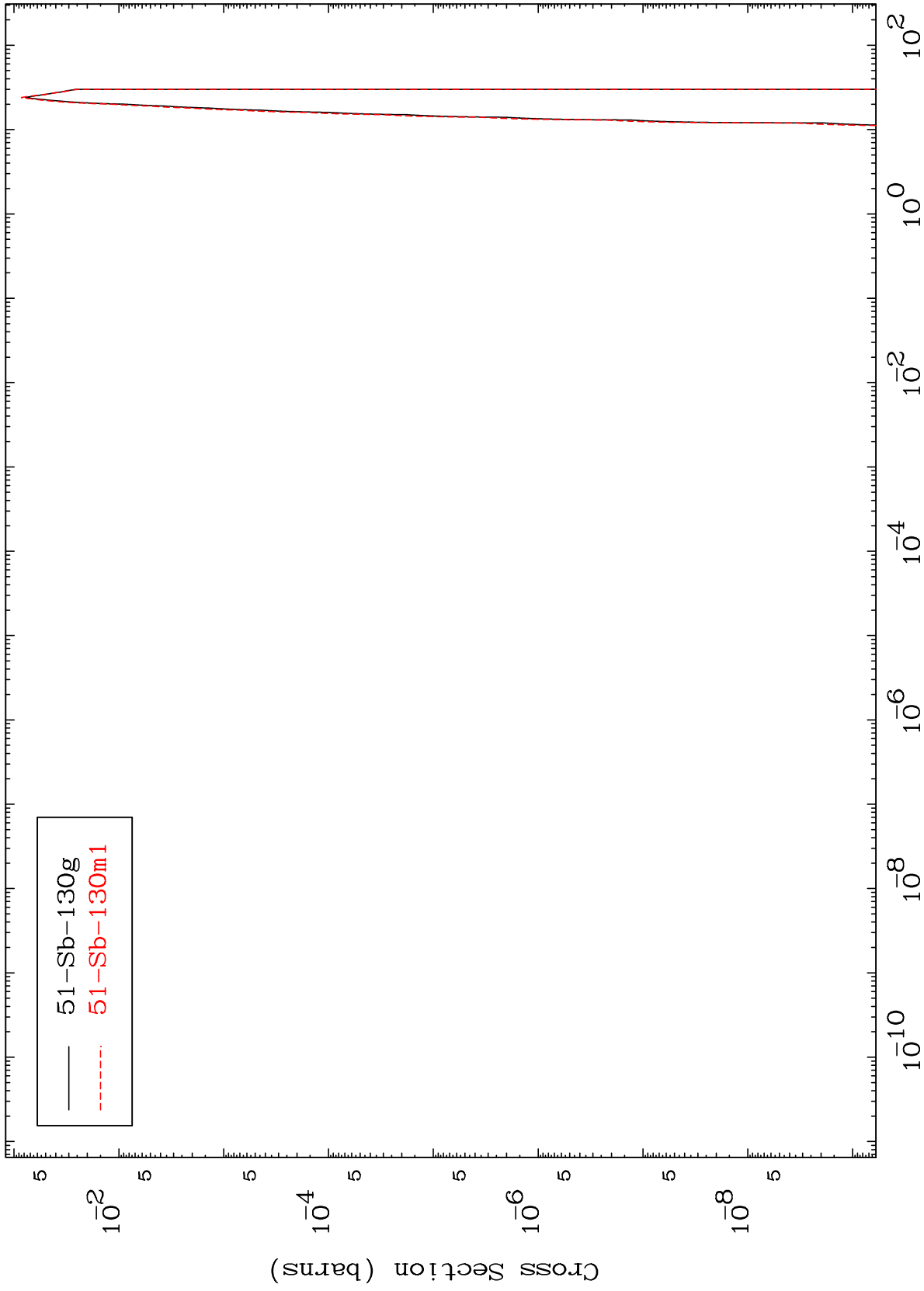
22

MAT 5153

( $\alpha, \alpha$ )

51-Sb-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

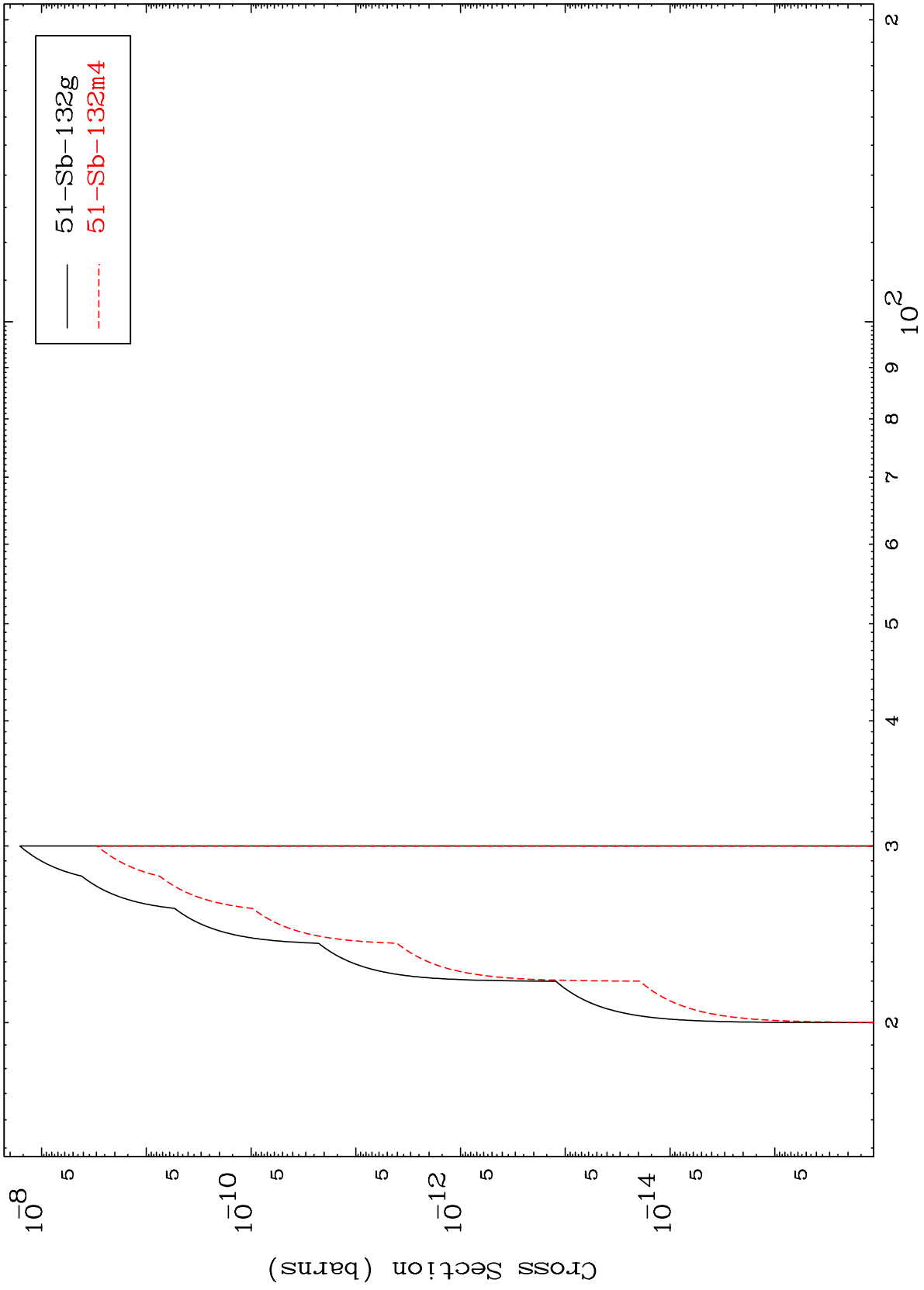
51-Sb-130



MAT 5153

51-Sb-130

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



24

Incident Energy (MeV)

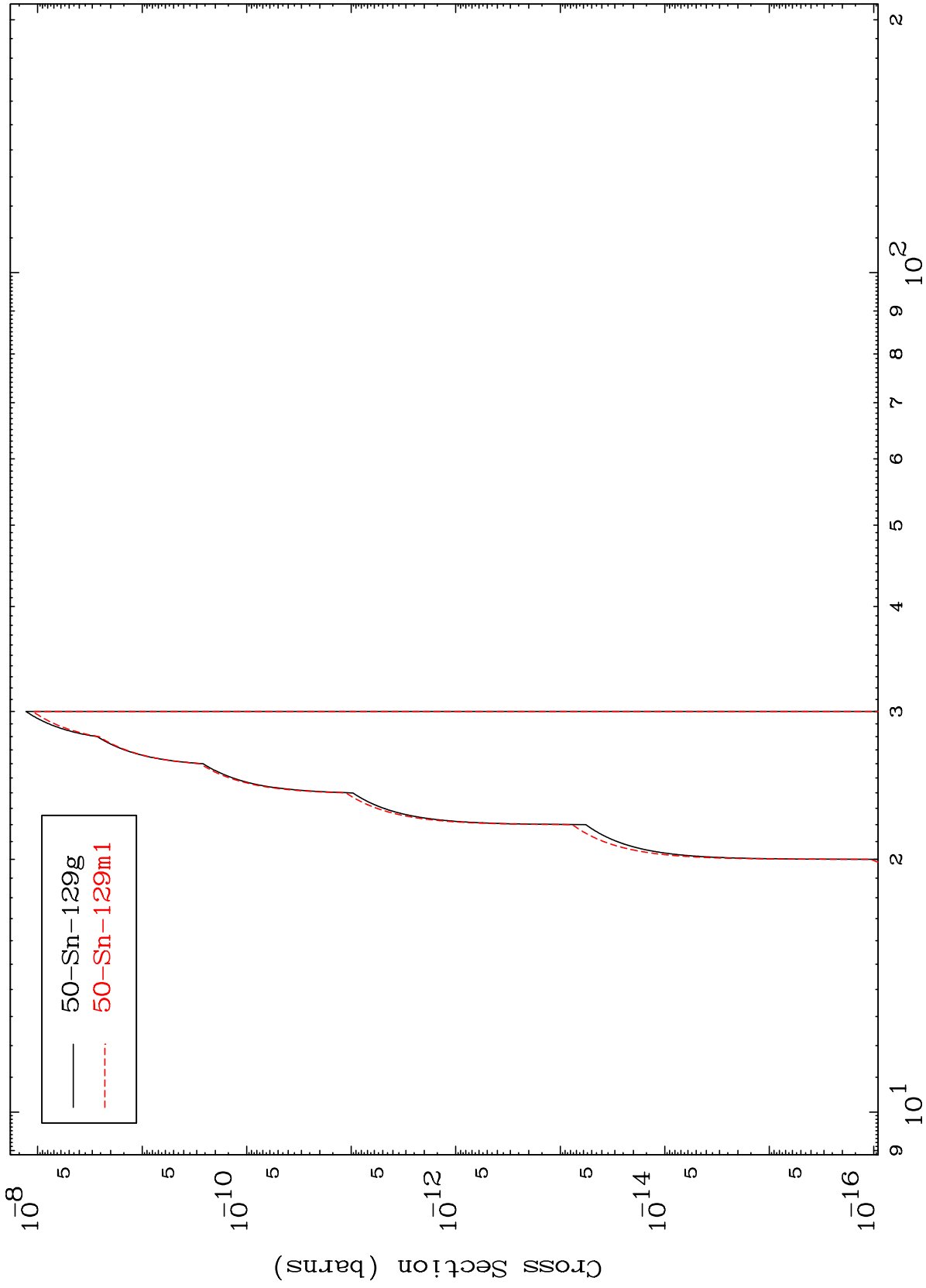
51-Sb-130

MAT 5153

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

51-Sb-130

Radionuclide Production Cross Section



25

Incident Energy (MeV)

51-Sb-130