

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

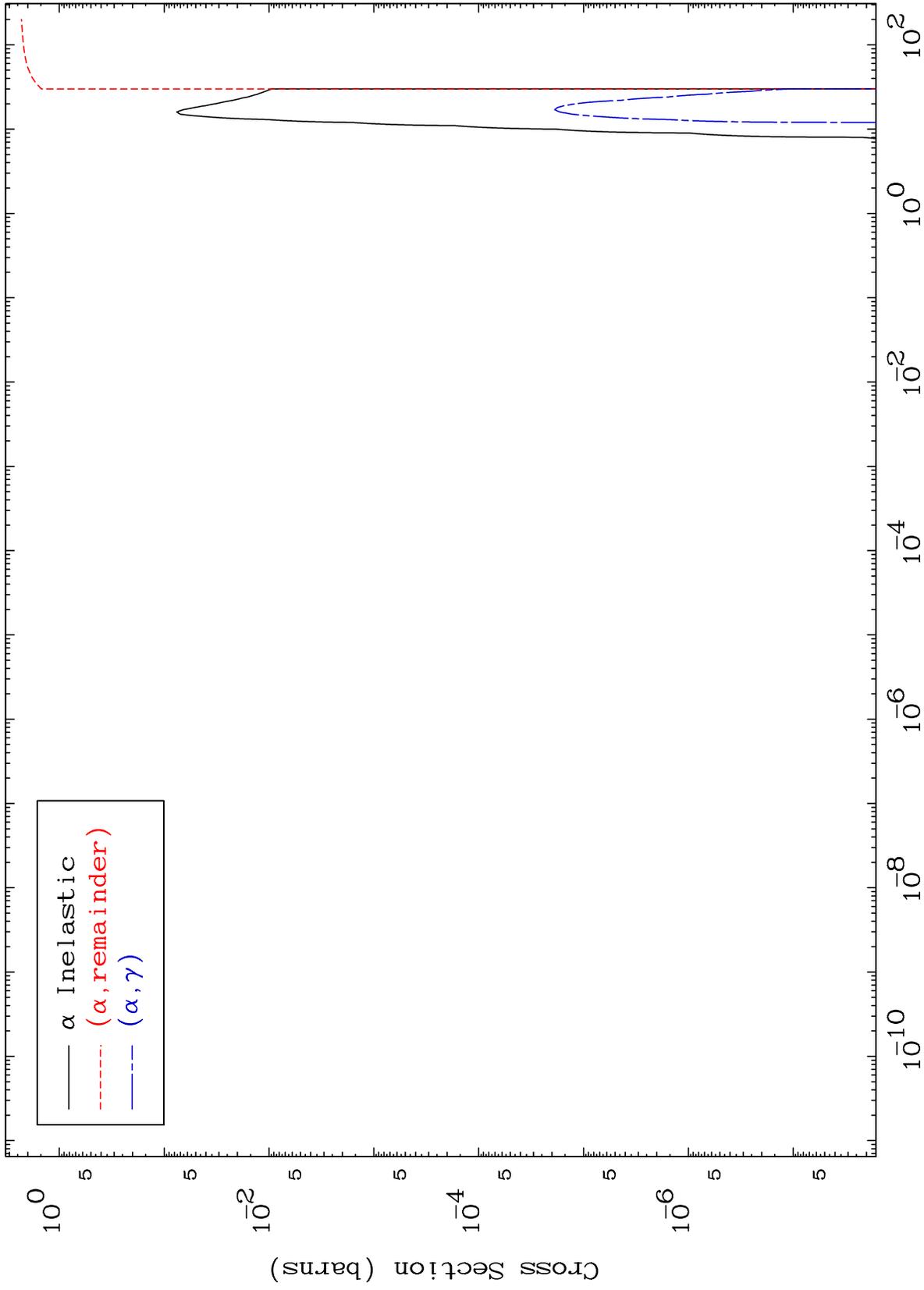
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5337

0 Kelvin  $\alpha$  Major  
Cross Sections

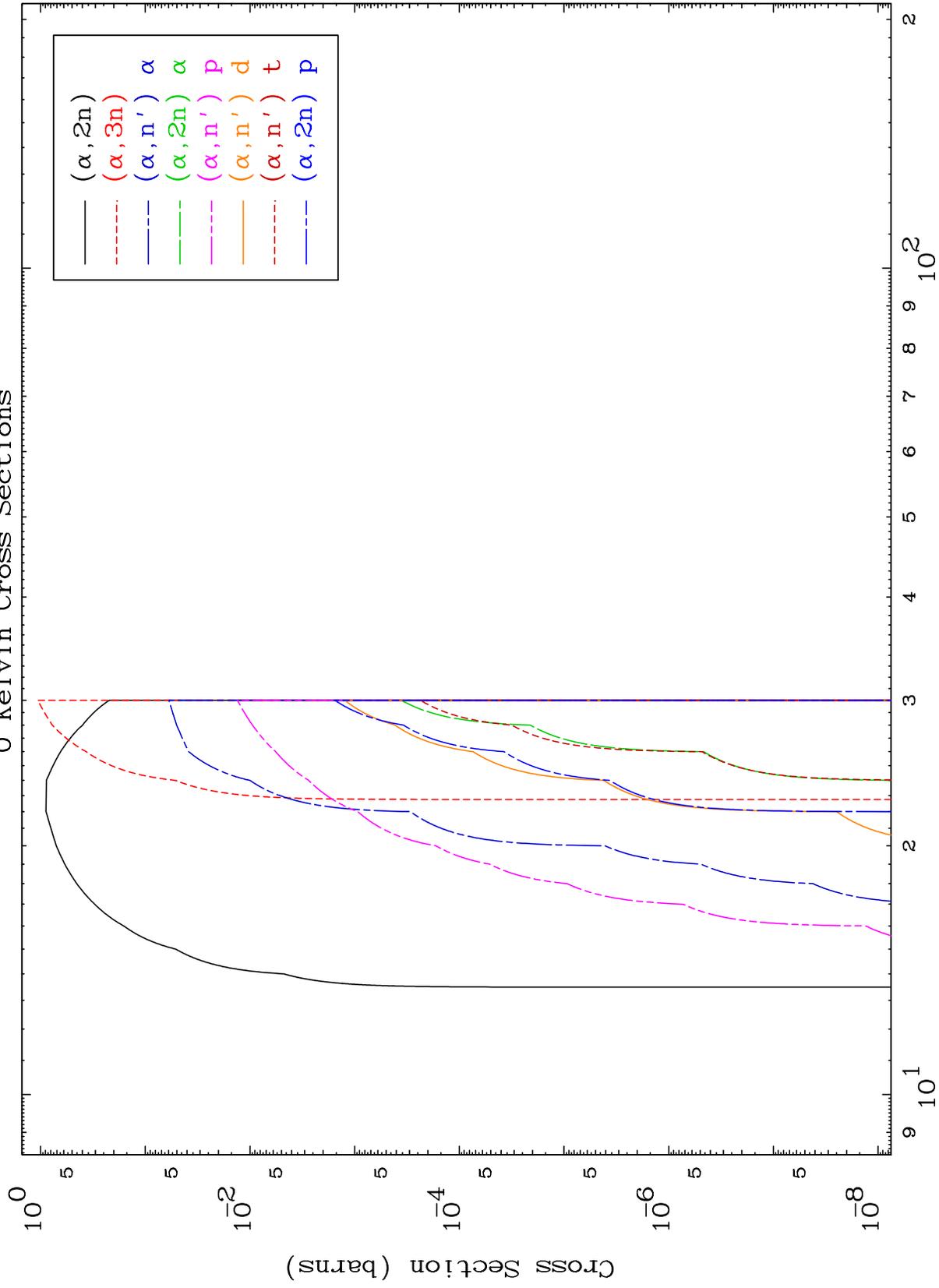
53-I -131

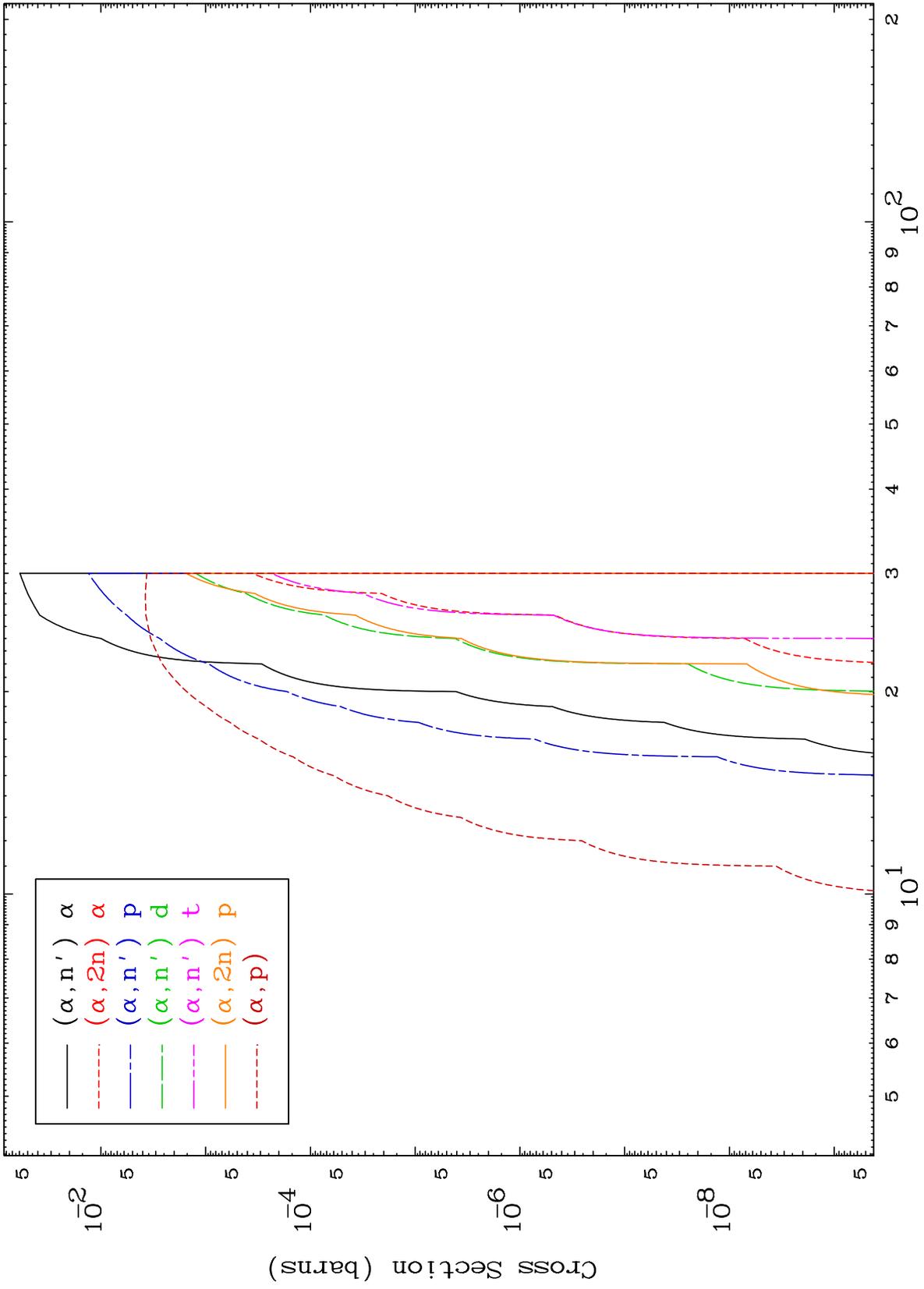


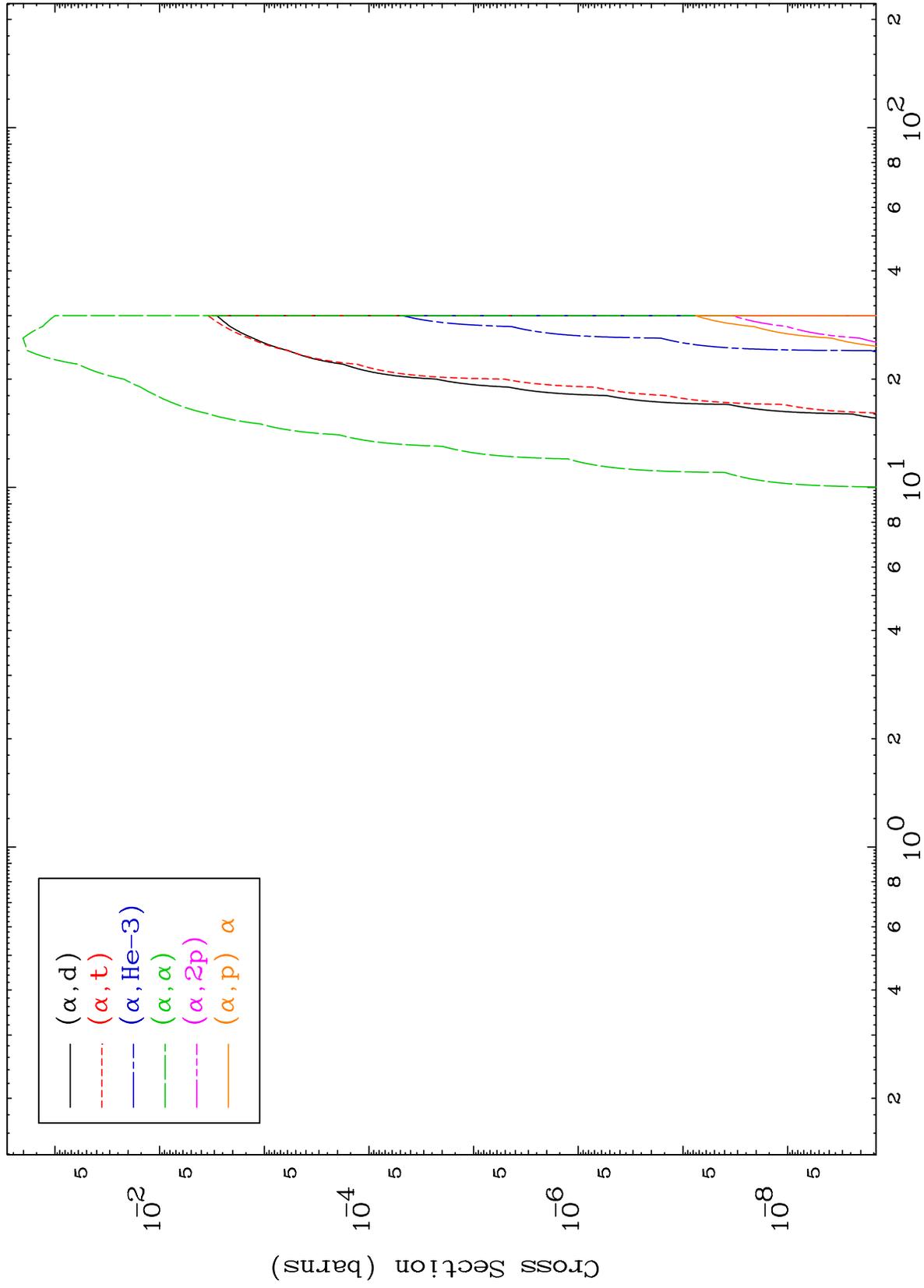
1

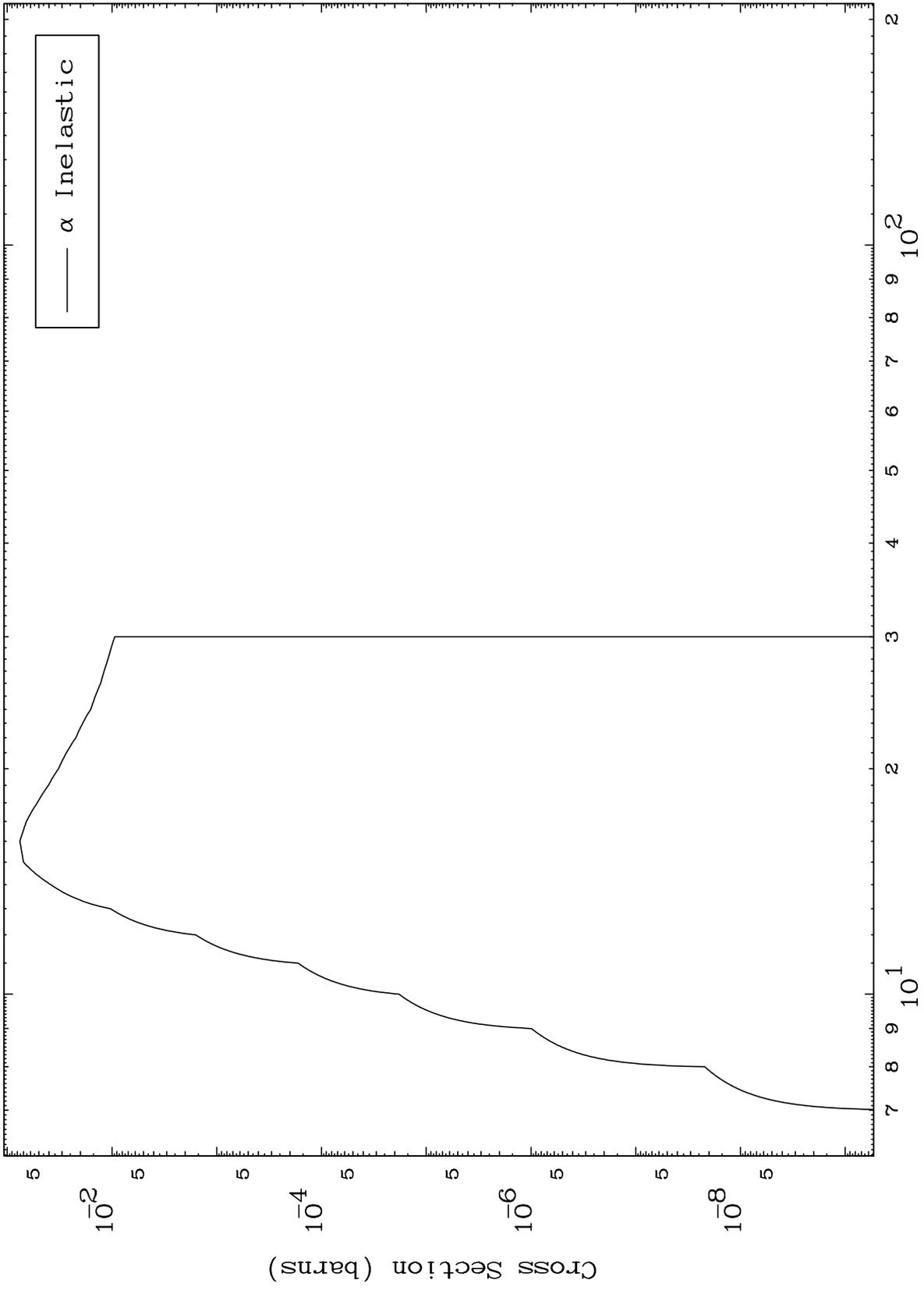
Incident Energy (MeV)

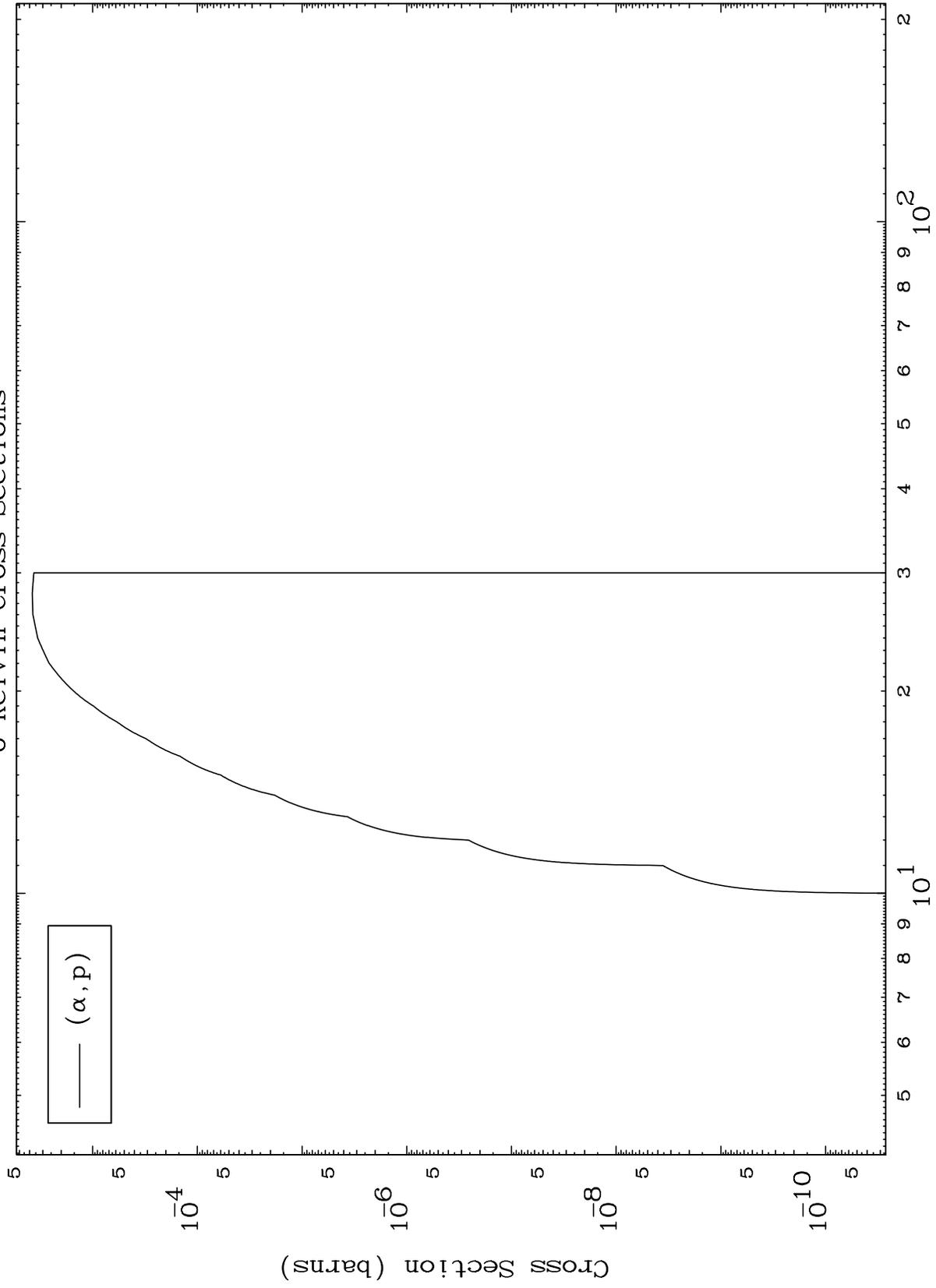
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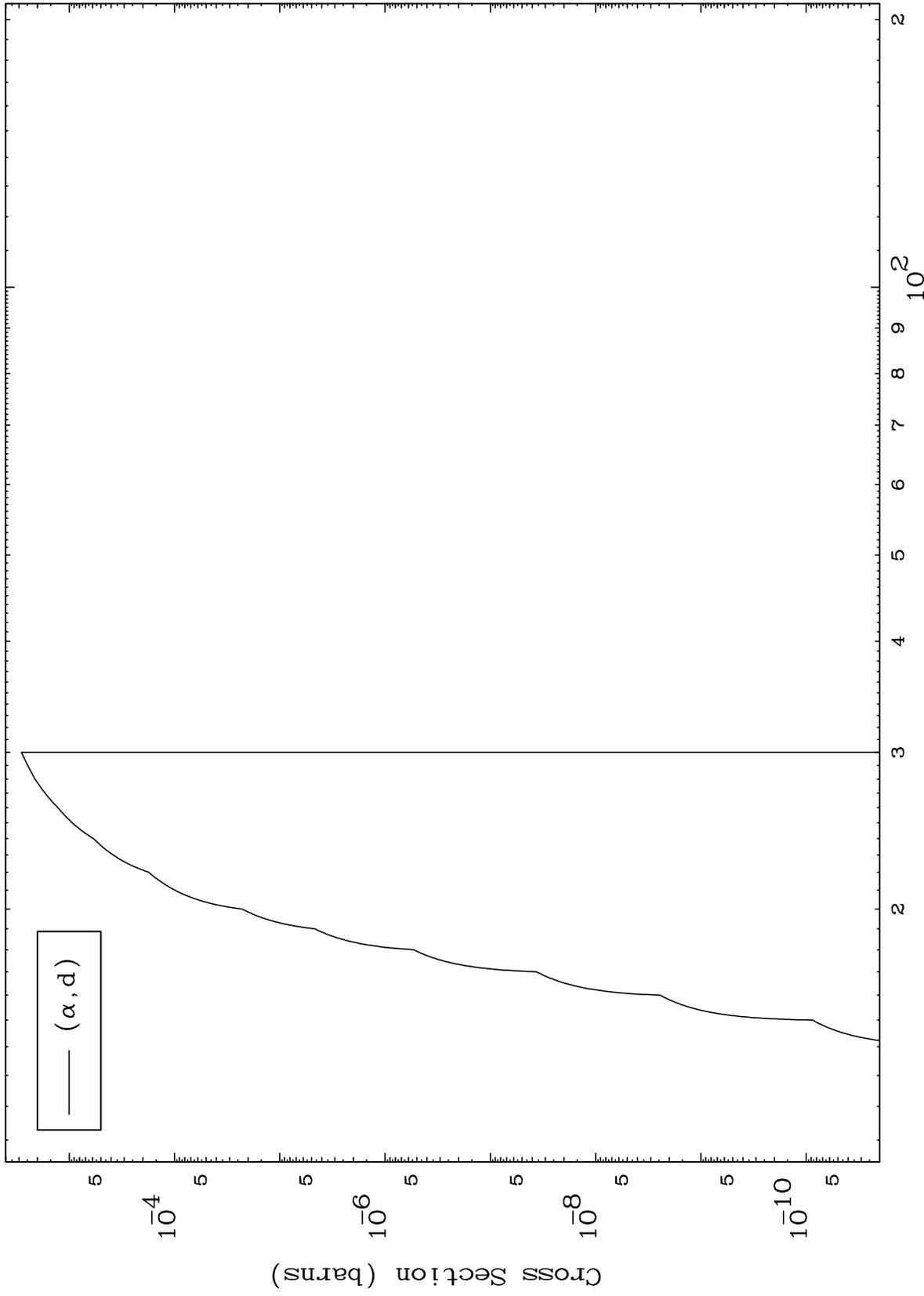


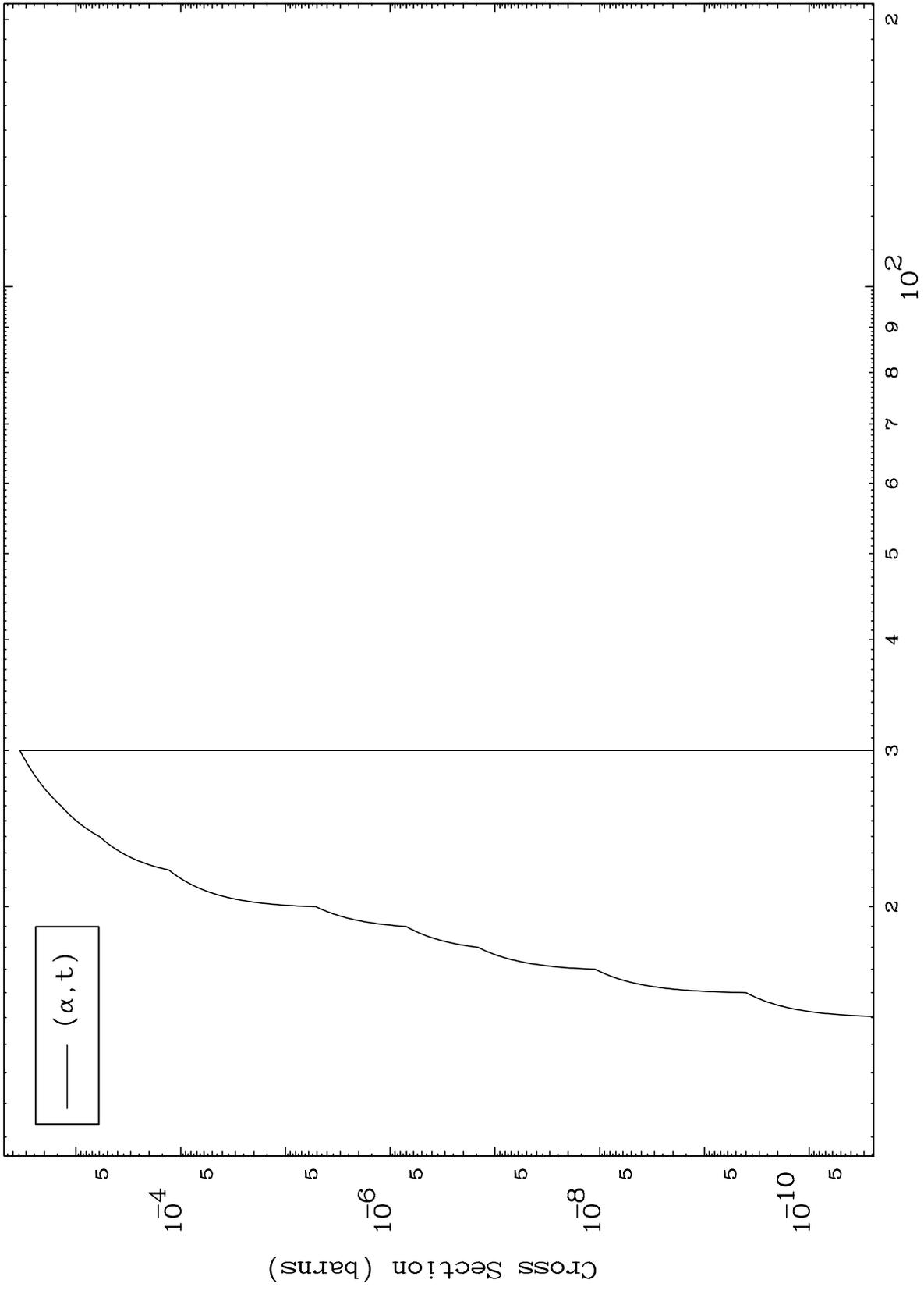


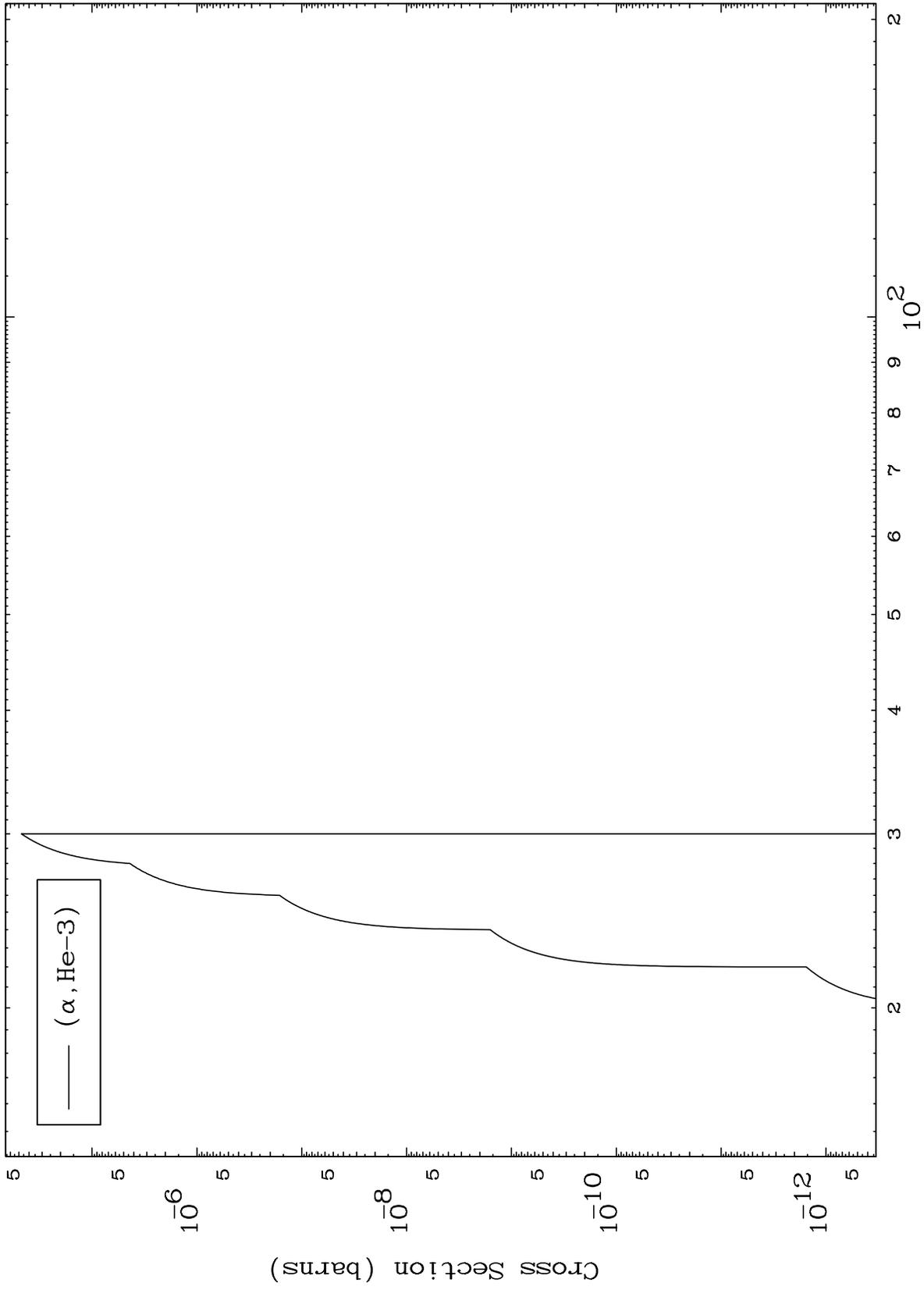








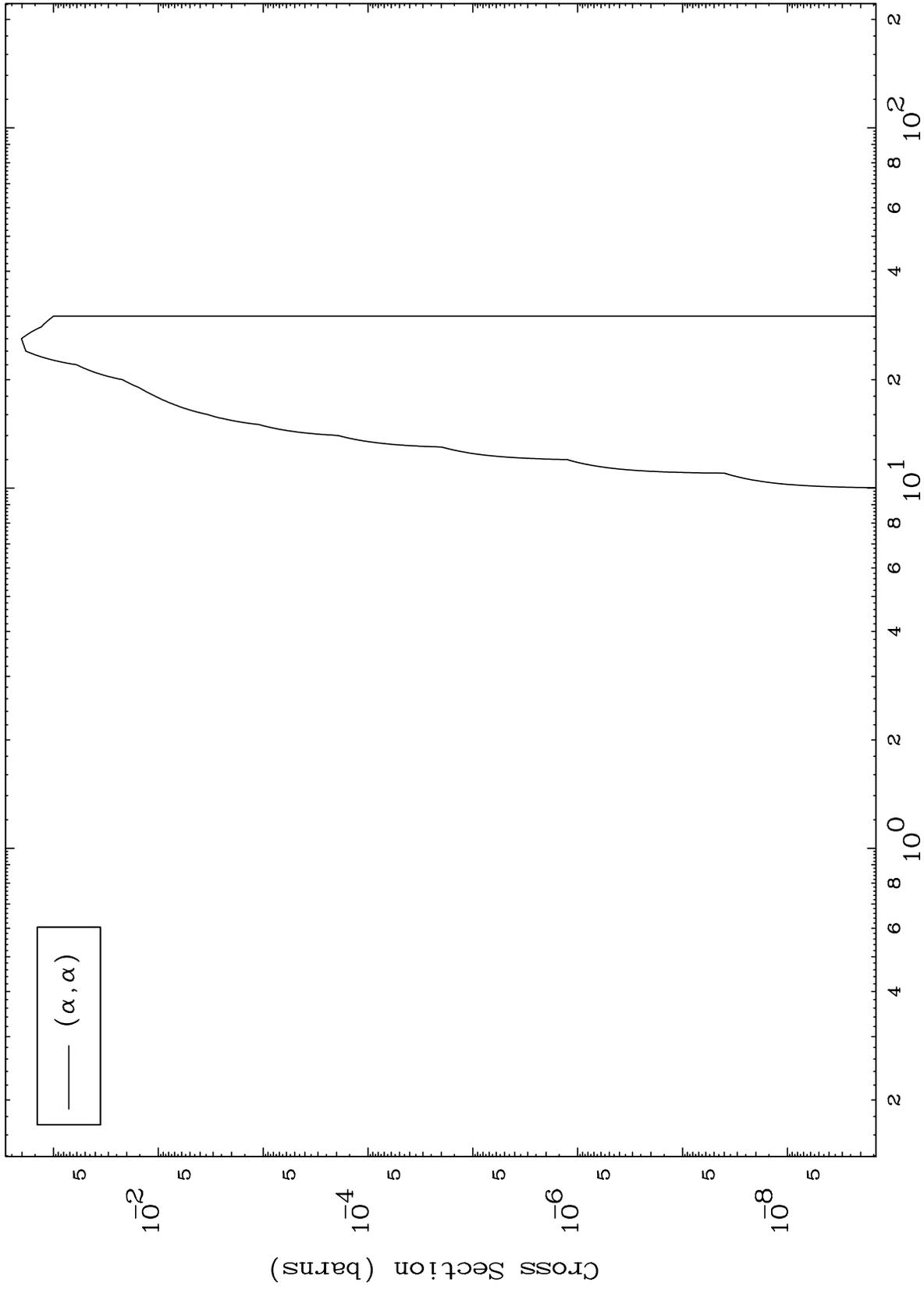




MAT 5337

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

53-I -131

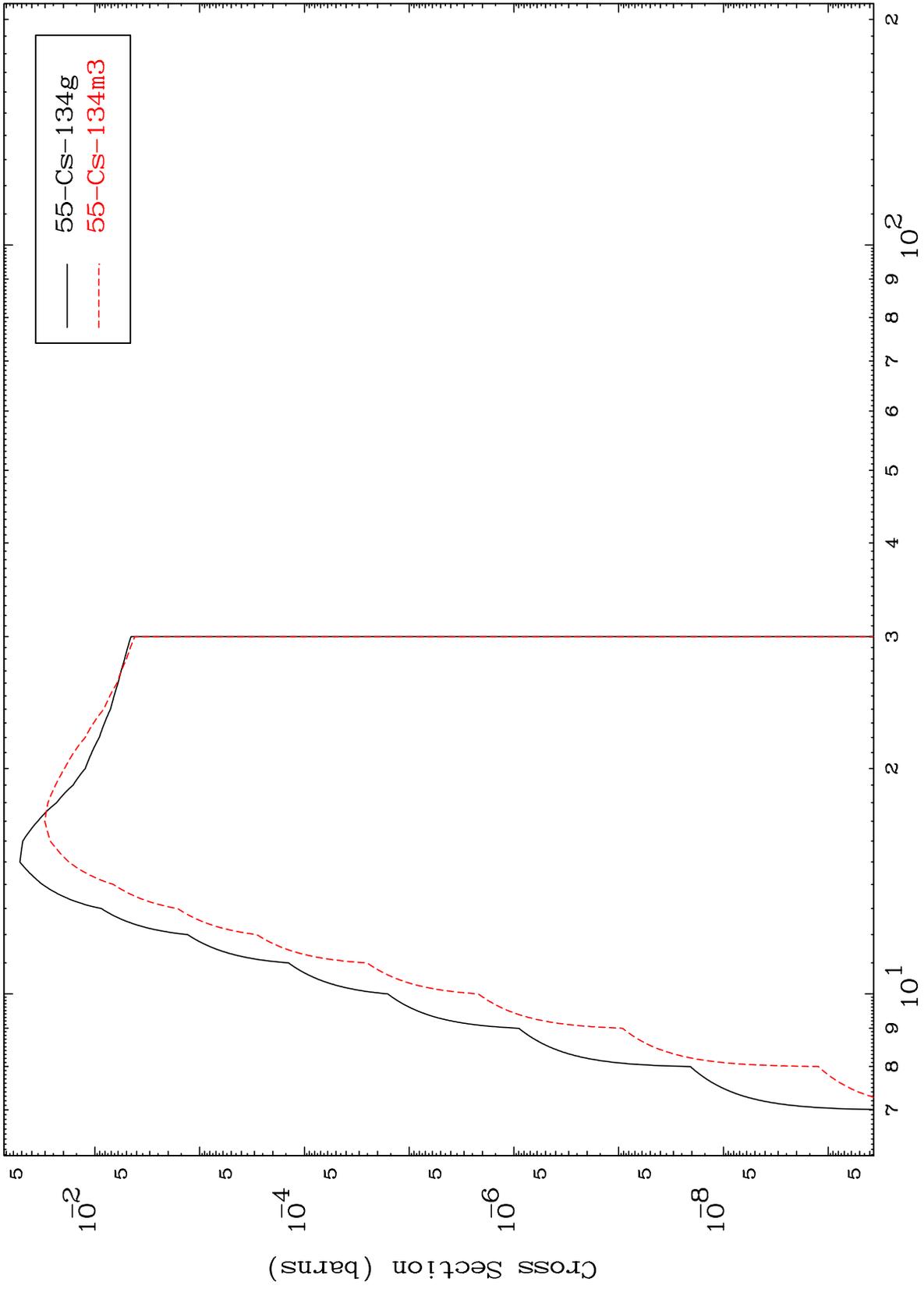


10

Incident Energy (MeV)

53-I -131

$\alpha$  Inelastic  
Radionuclide Production Cross Section

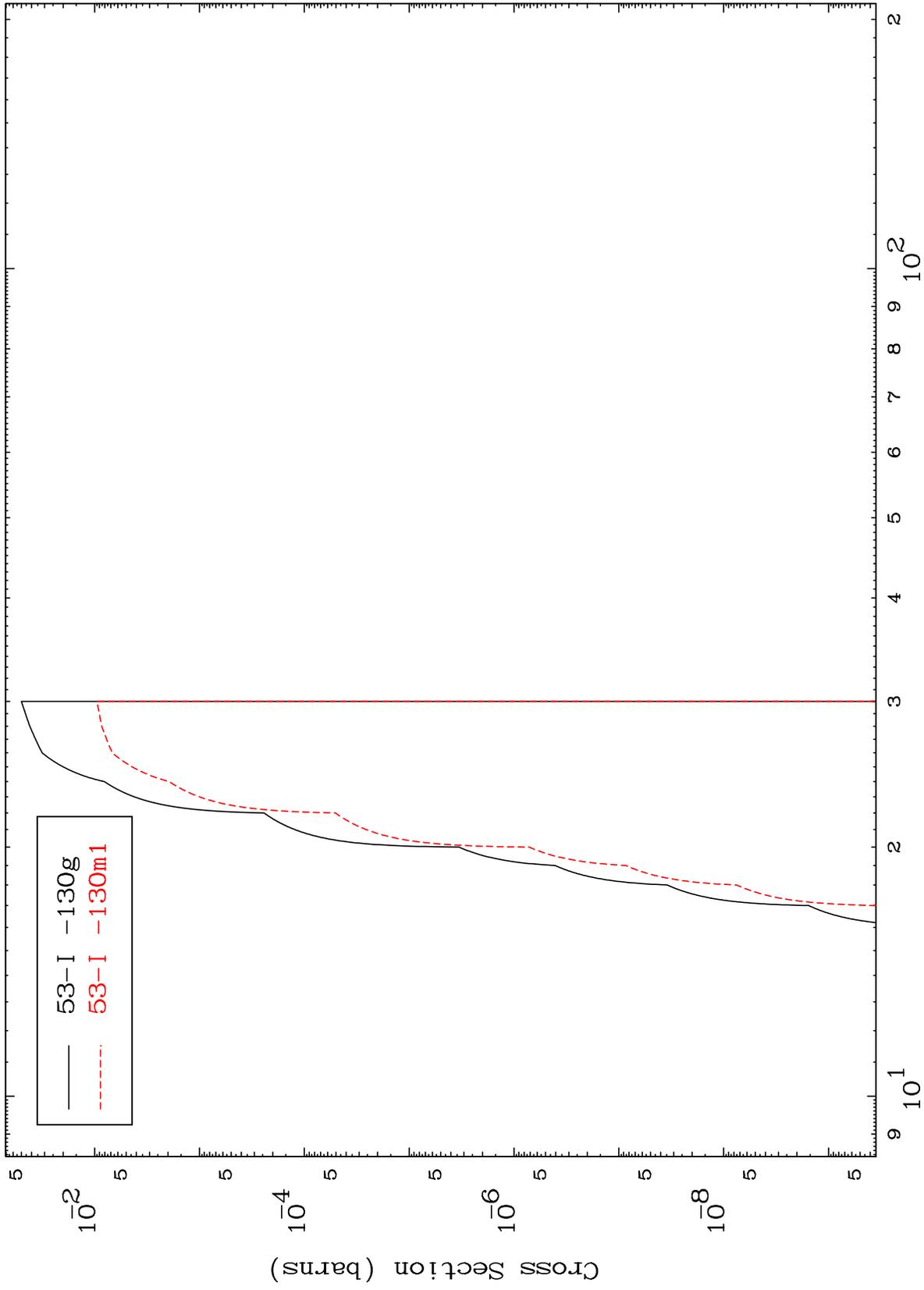


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( $\alpha, n'$ )  $\alpha$

53-I -131

Radionuclide Production Cross Section



12

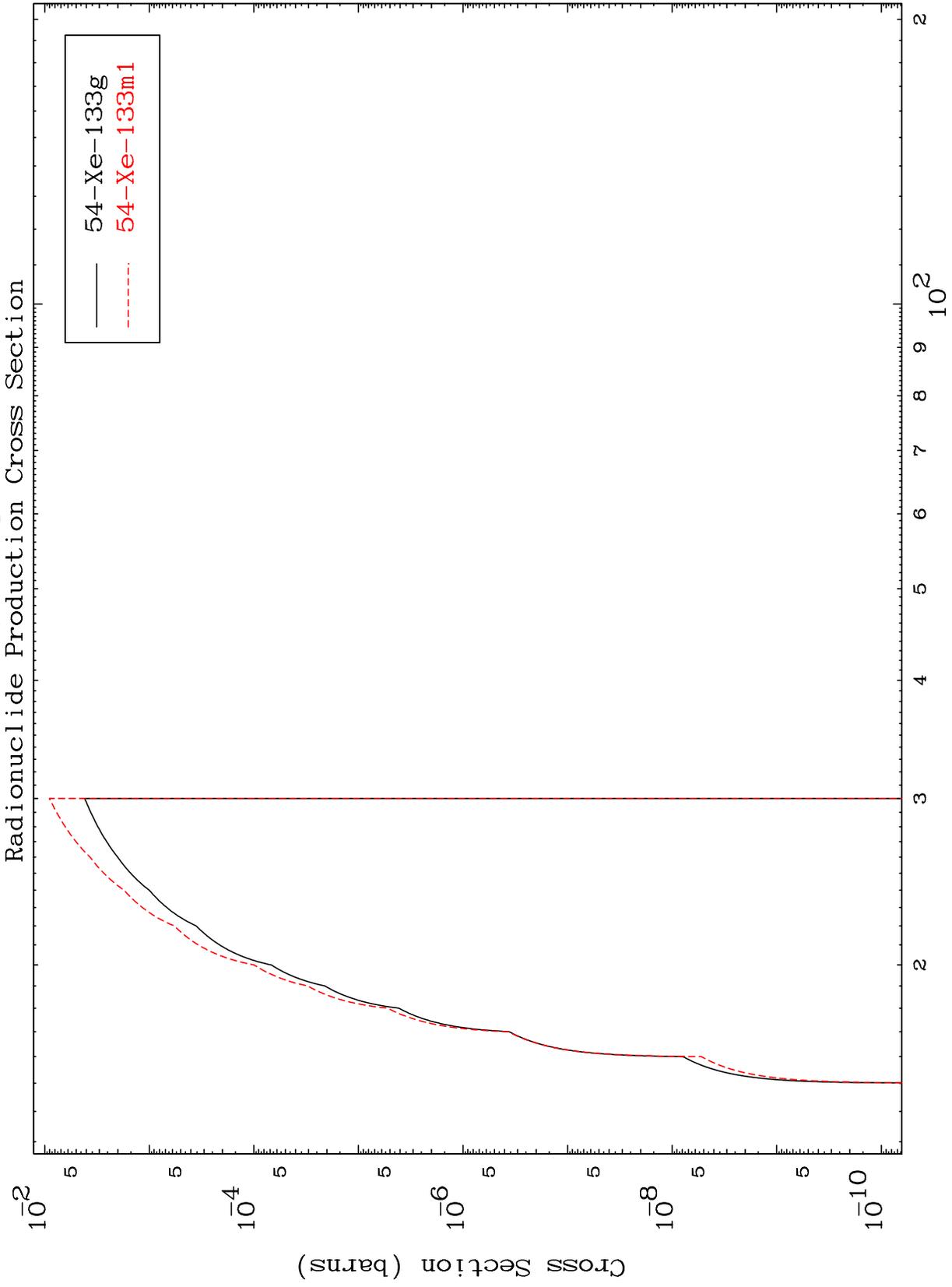
Incident Energy (MeV)

53-I -131

MAT 5337

( $\alpha, n'$ ) p

53-I -131



13

Incident Energy (MeV)

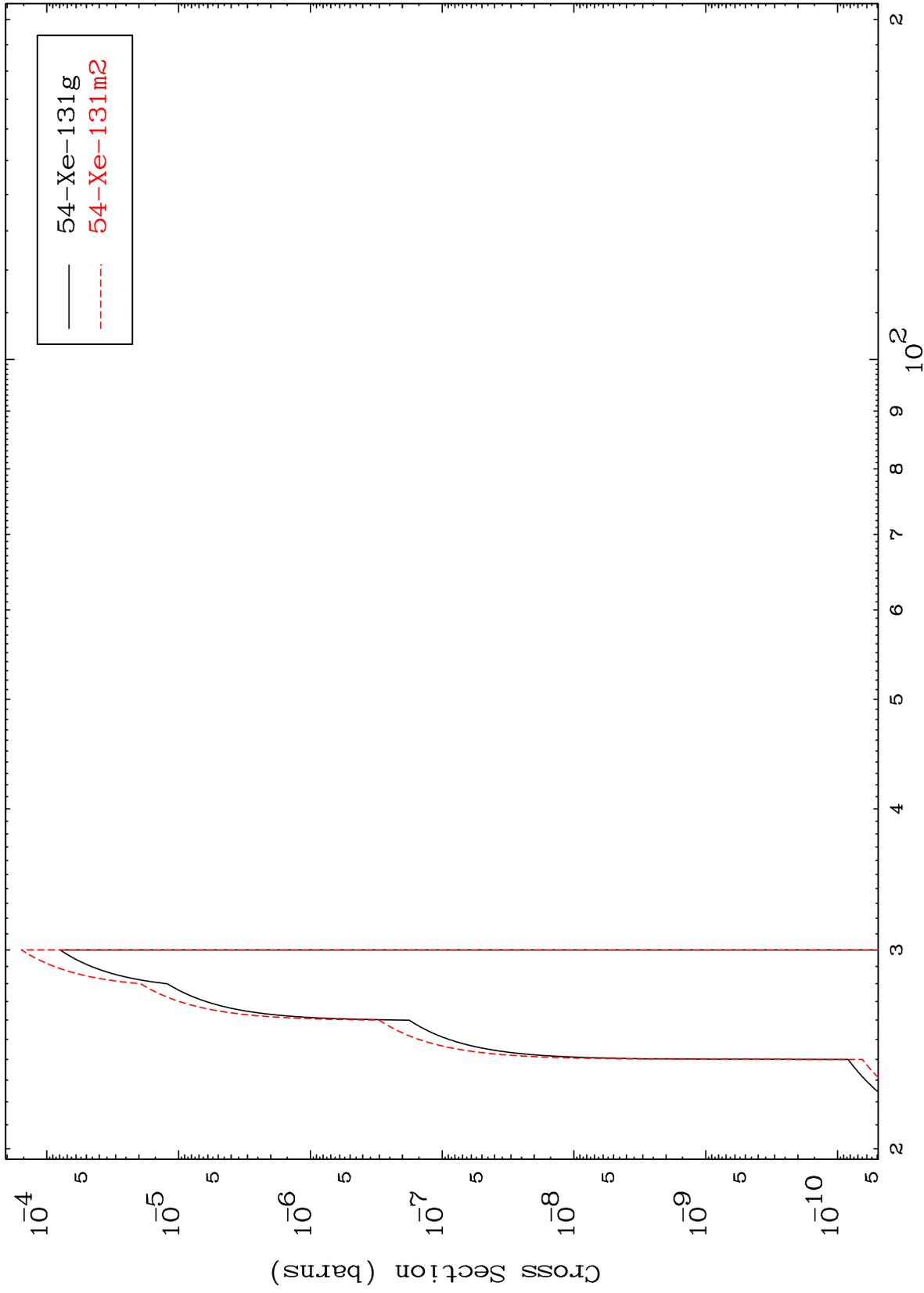
53-I -131

MAT 5337

( $\alpha, n'$ ) t

53-I -131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

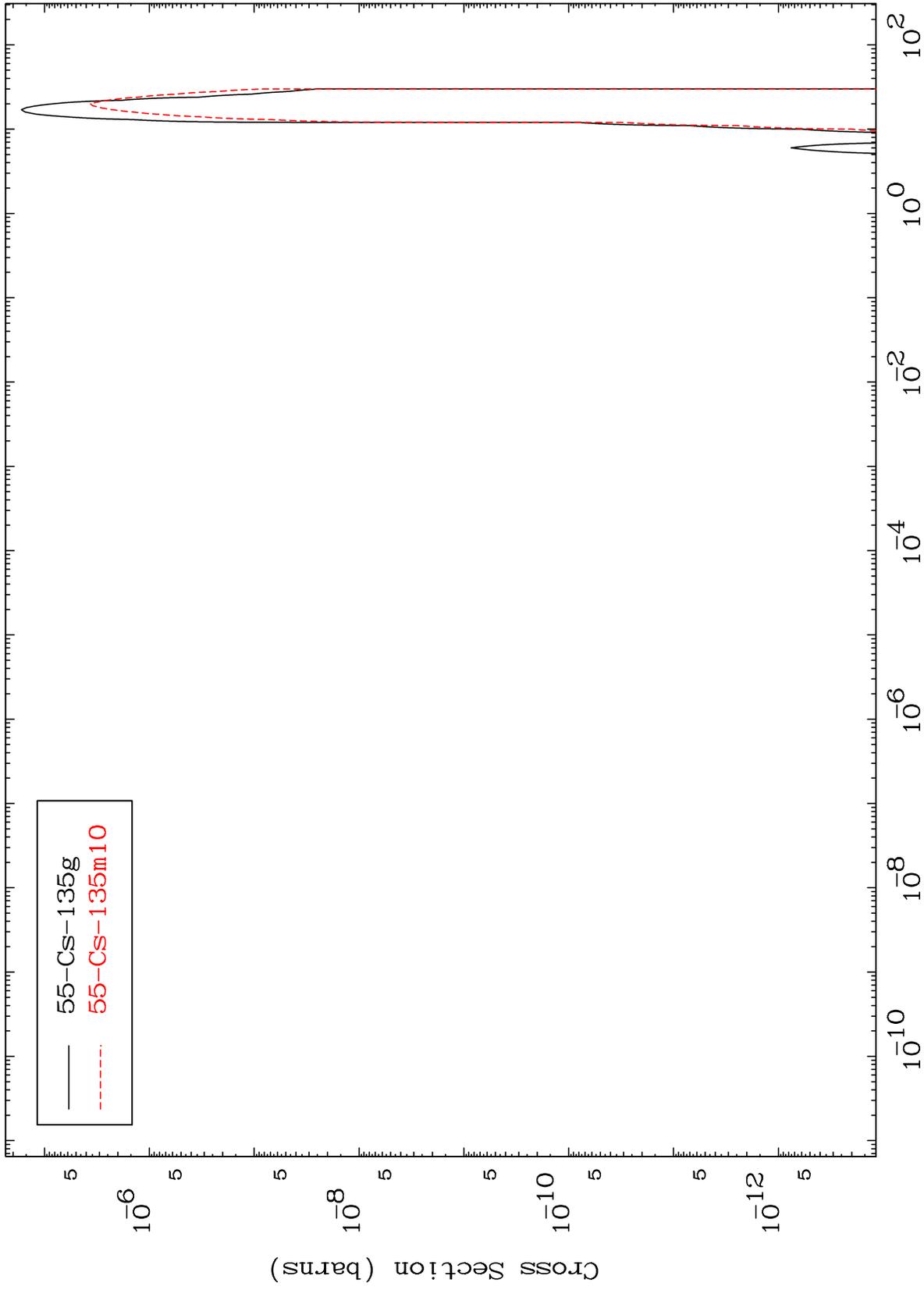
53-I -131

MAT 5337

( $\alpha, \gamma$ )

53-I -131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

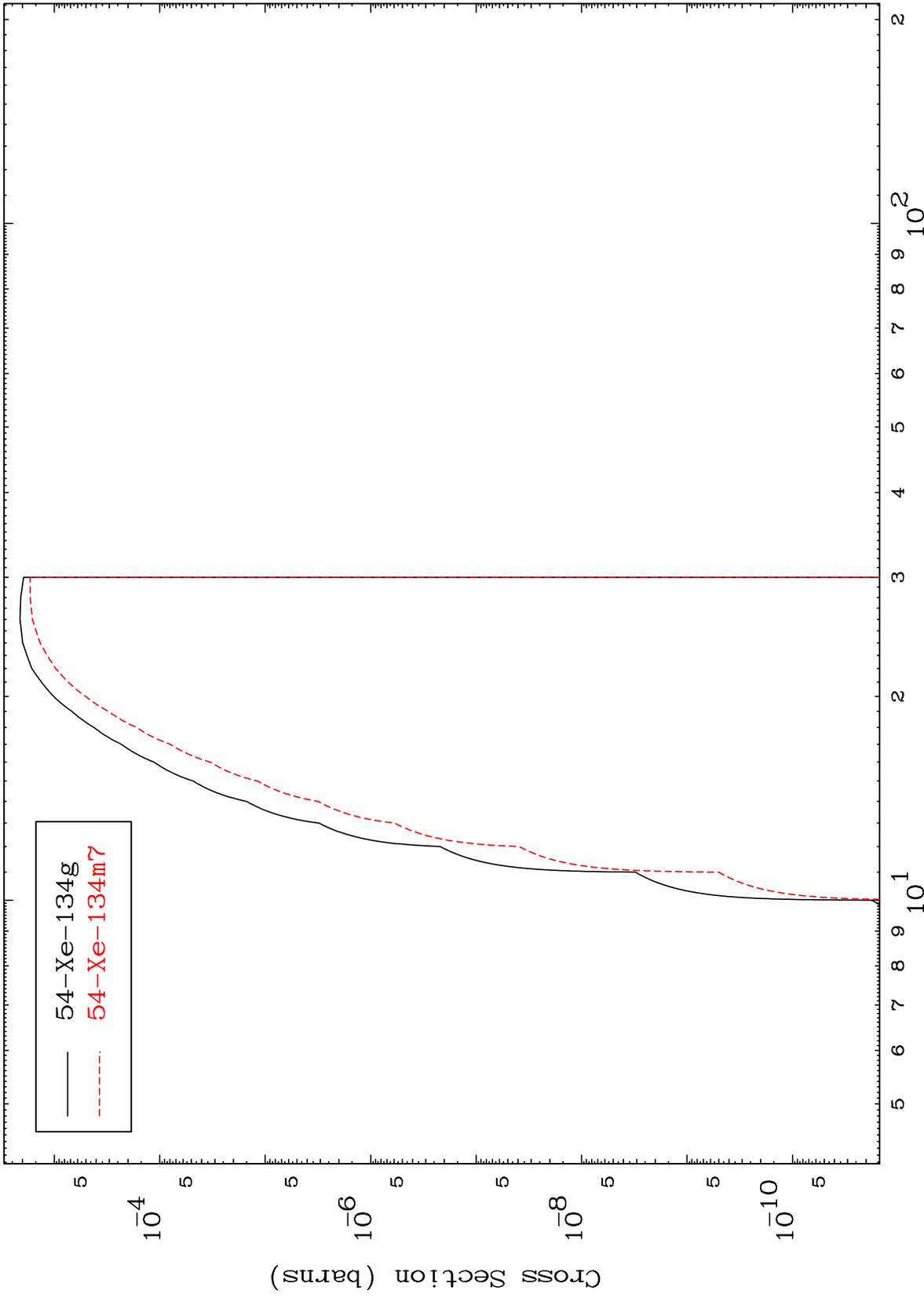
53-I -131

MAT 5337

53-I -131

Radionuclide Production Cross Section

( $\alpha, p$ )



16

Incident Energy (MeV)

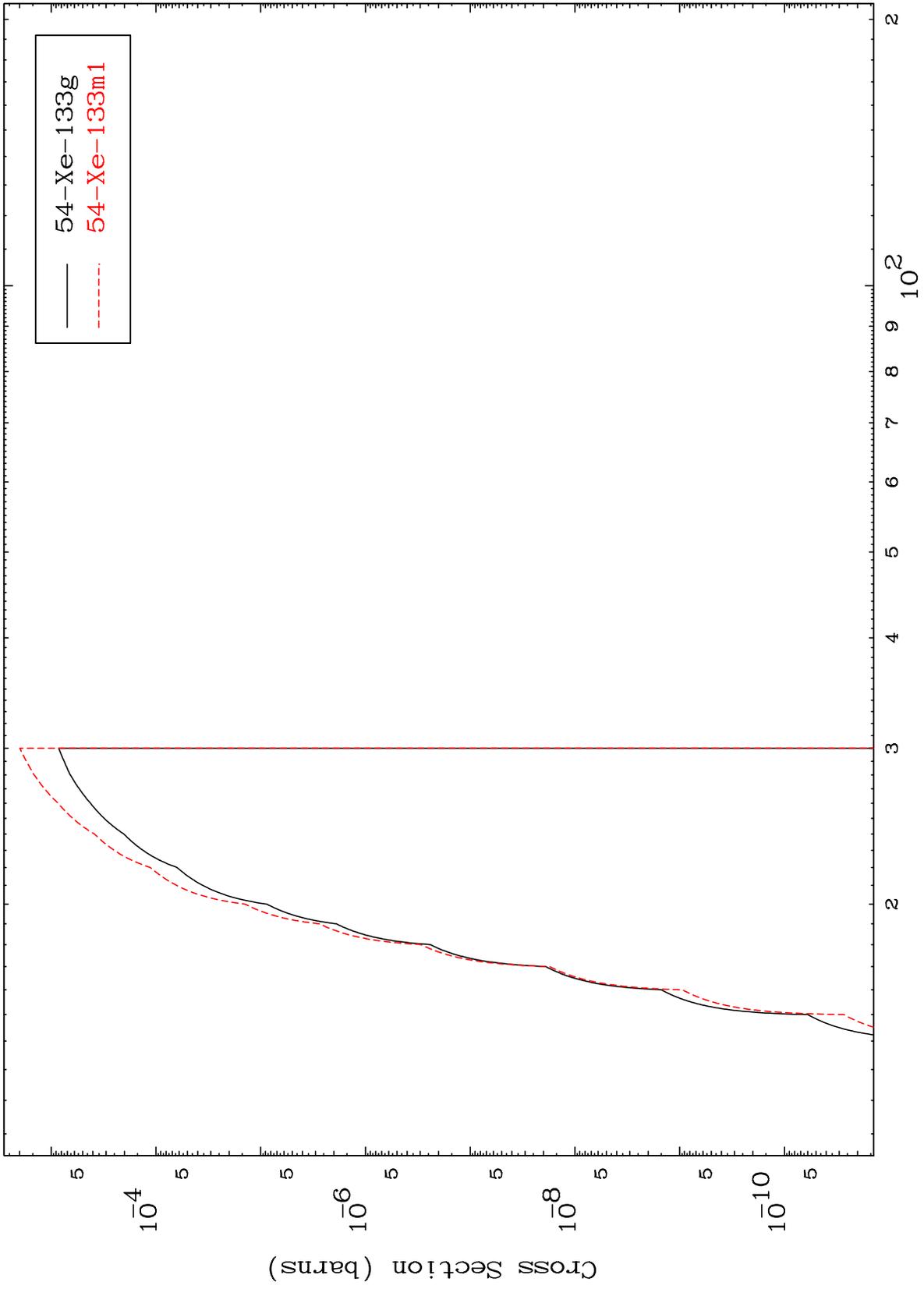
53-I -131

MAT 5337

( $\alpha, d$ )

53-I -131

Radionuclide Production Cross Section



17

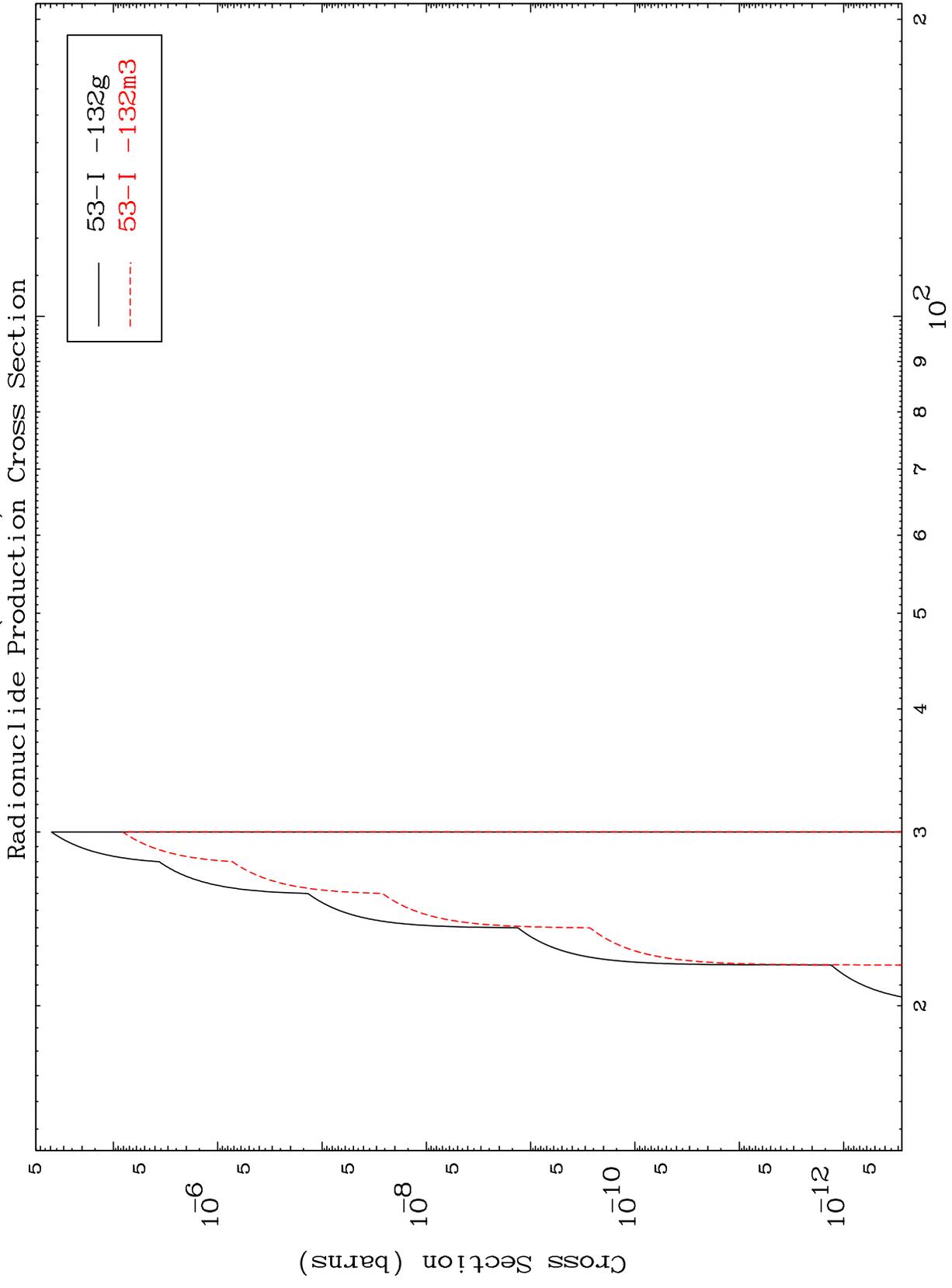
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



18

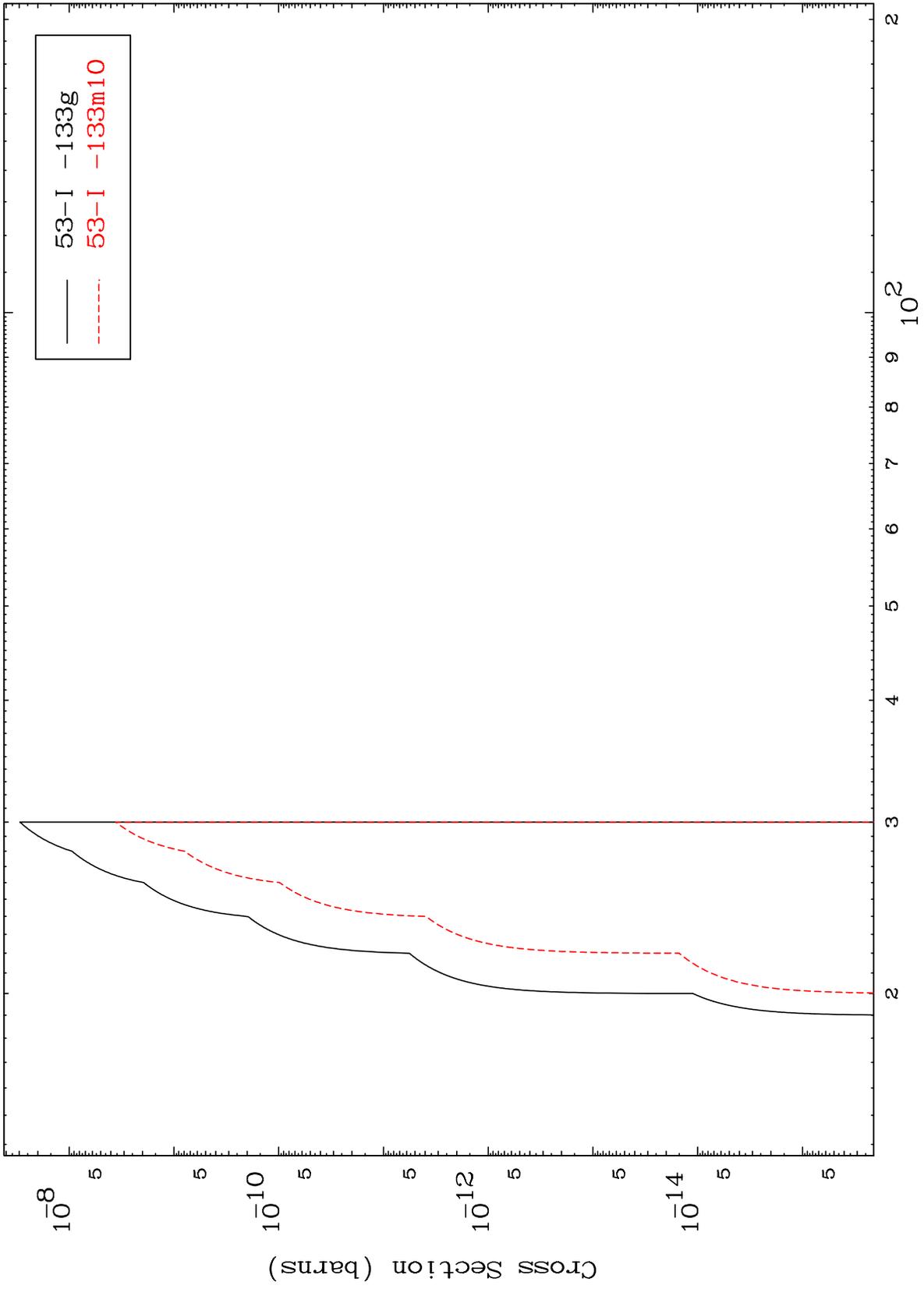
53-I -131

53-I -131

MAT 5337

53-I -131

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



19

53-I -131