

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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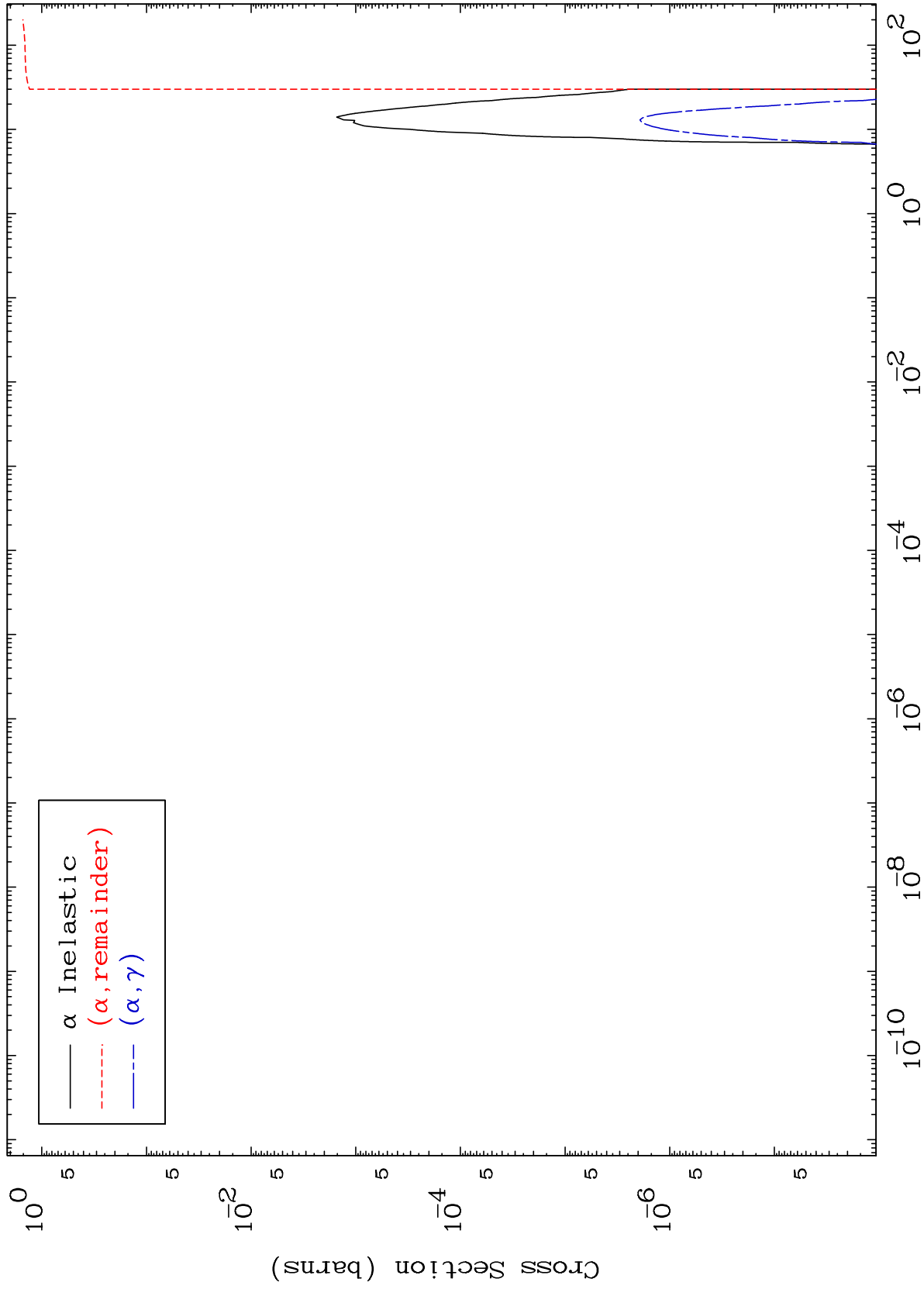
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2711

0 Kelvin  $\alpha$  Major

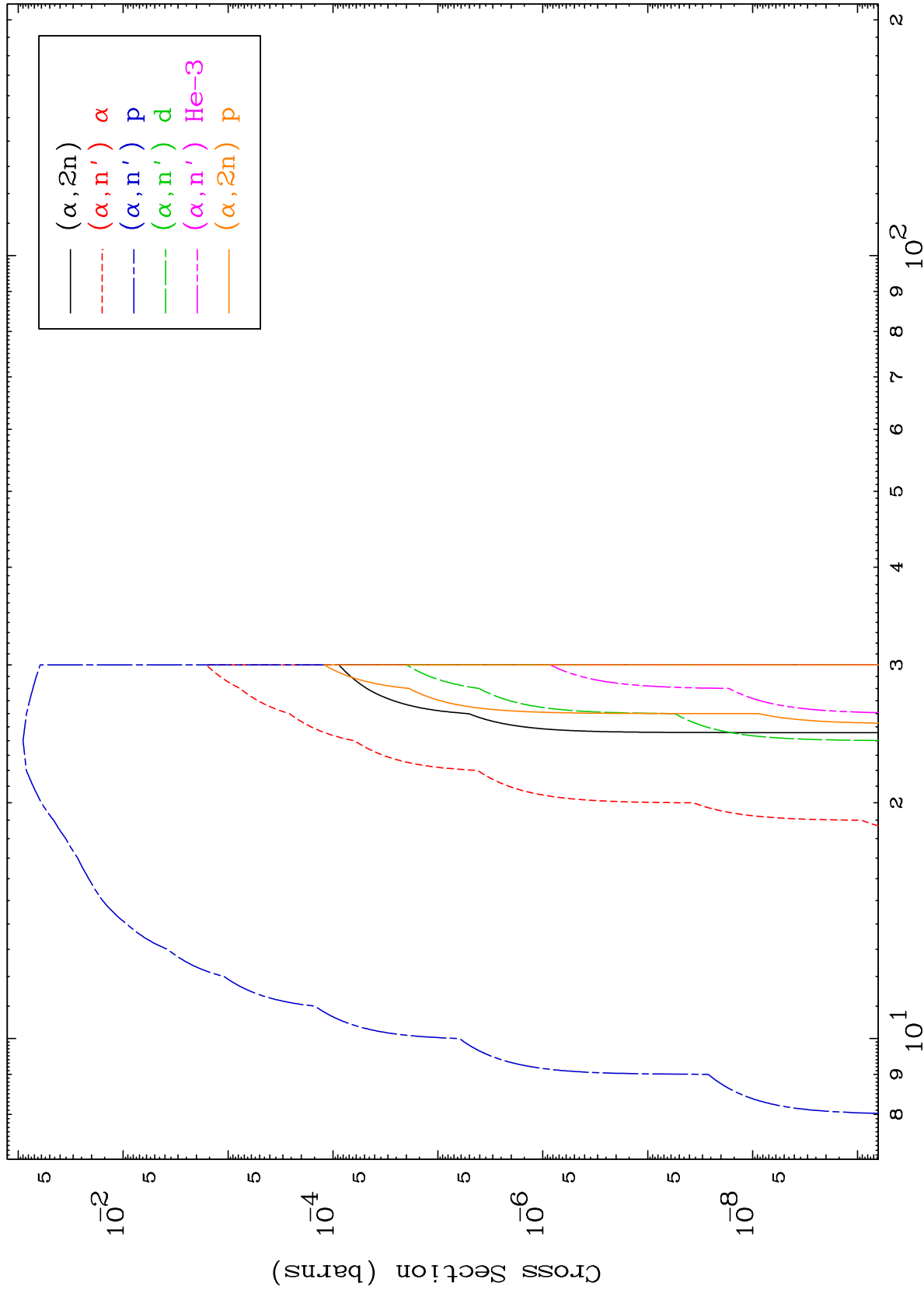
27-Co-54



MAT 2711

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

27-Co-54



2

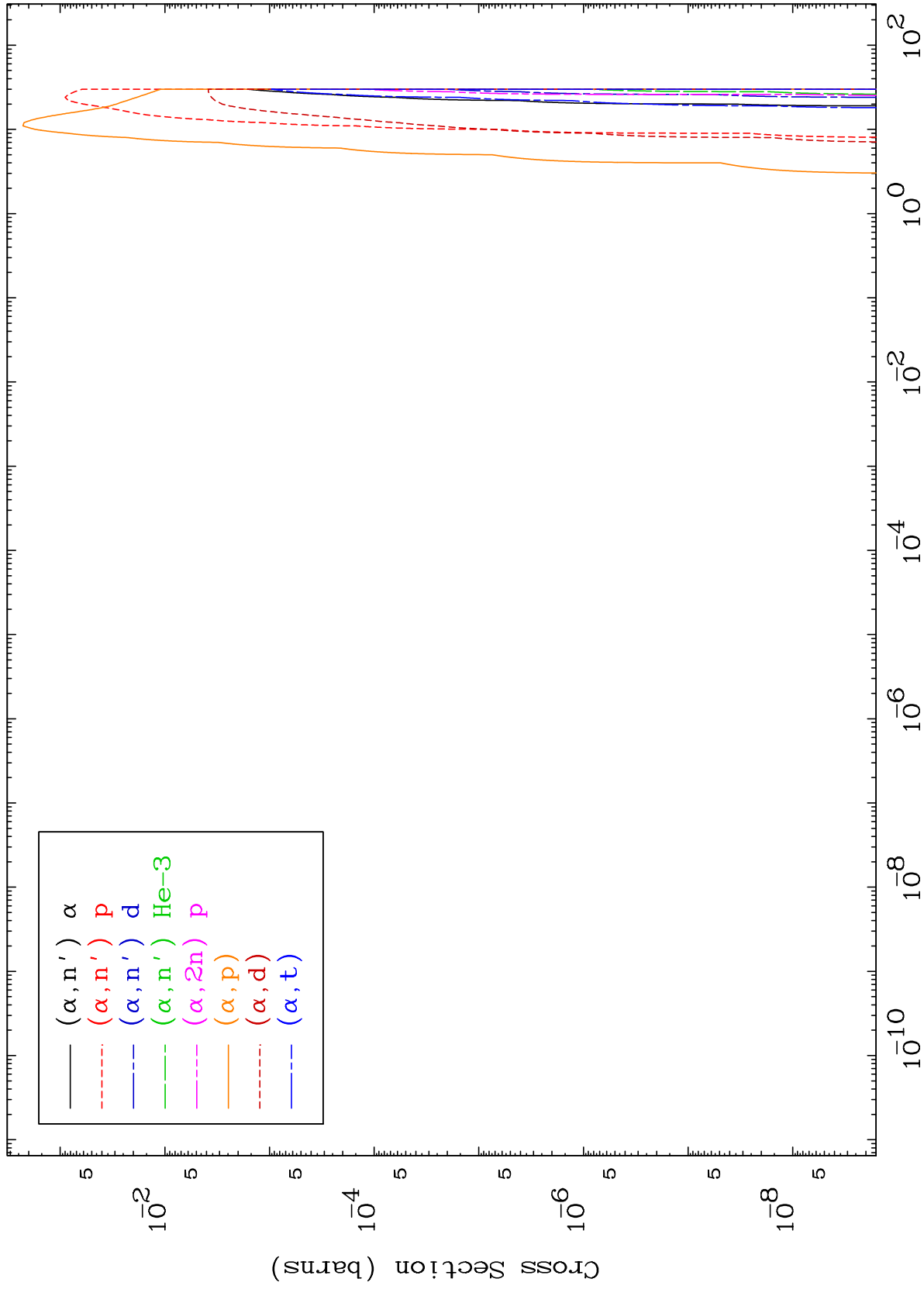
Incident Energy (MeV)

27-Co-54

MAT 2711

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

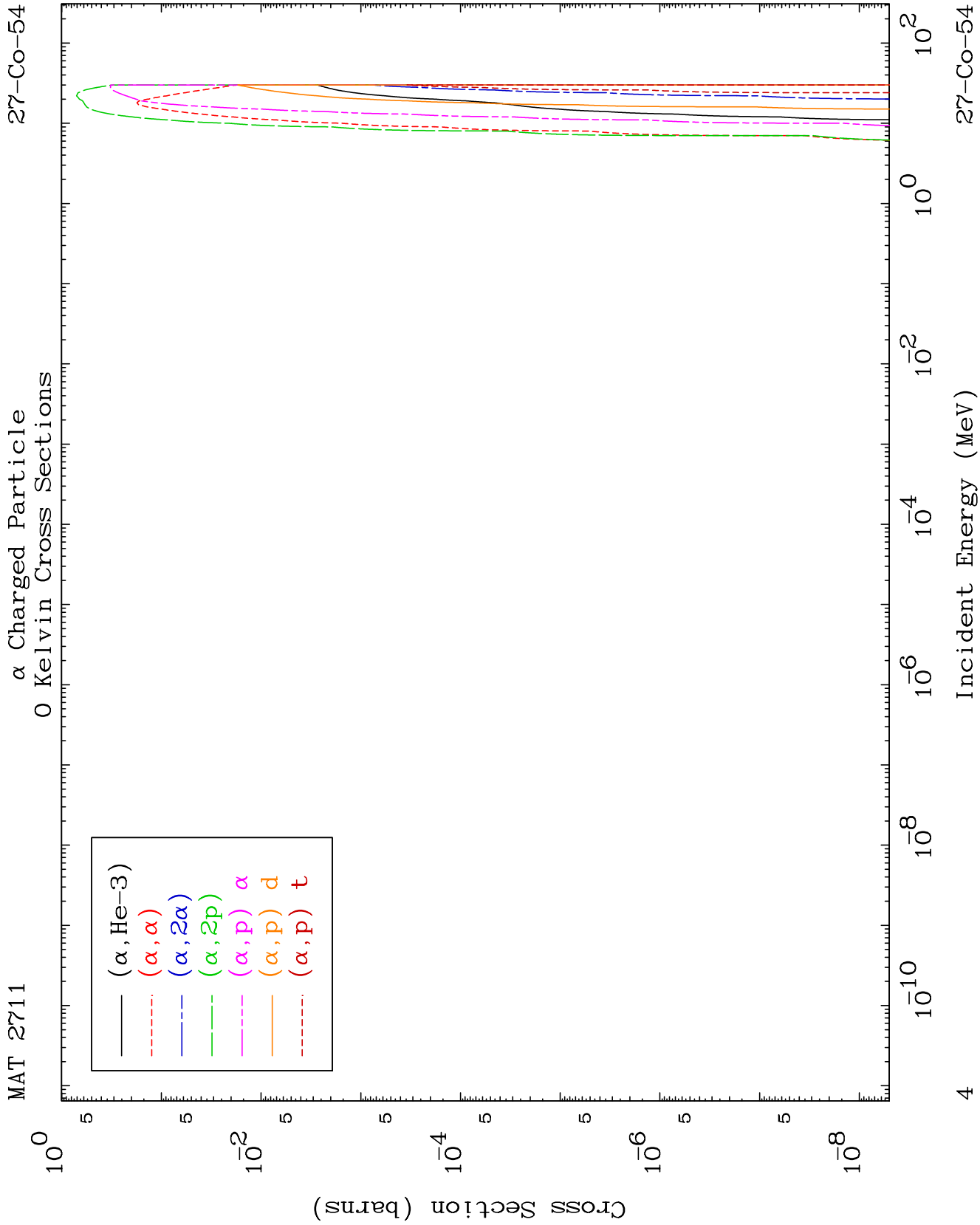
27-Co-54



3

Incident Energy (MeV)

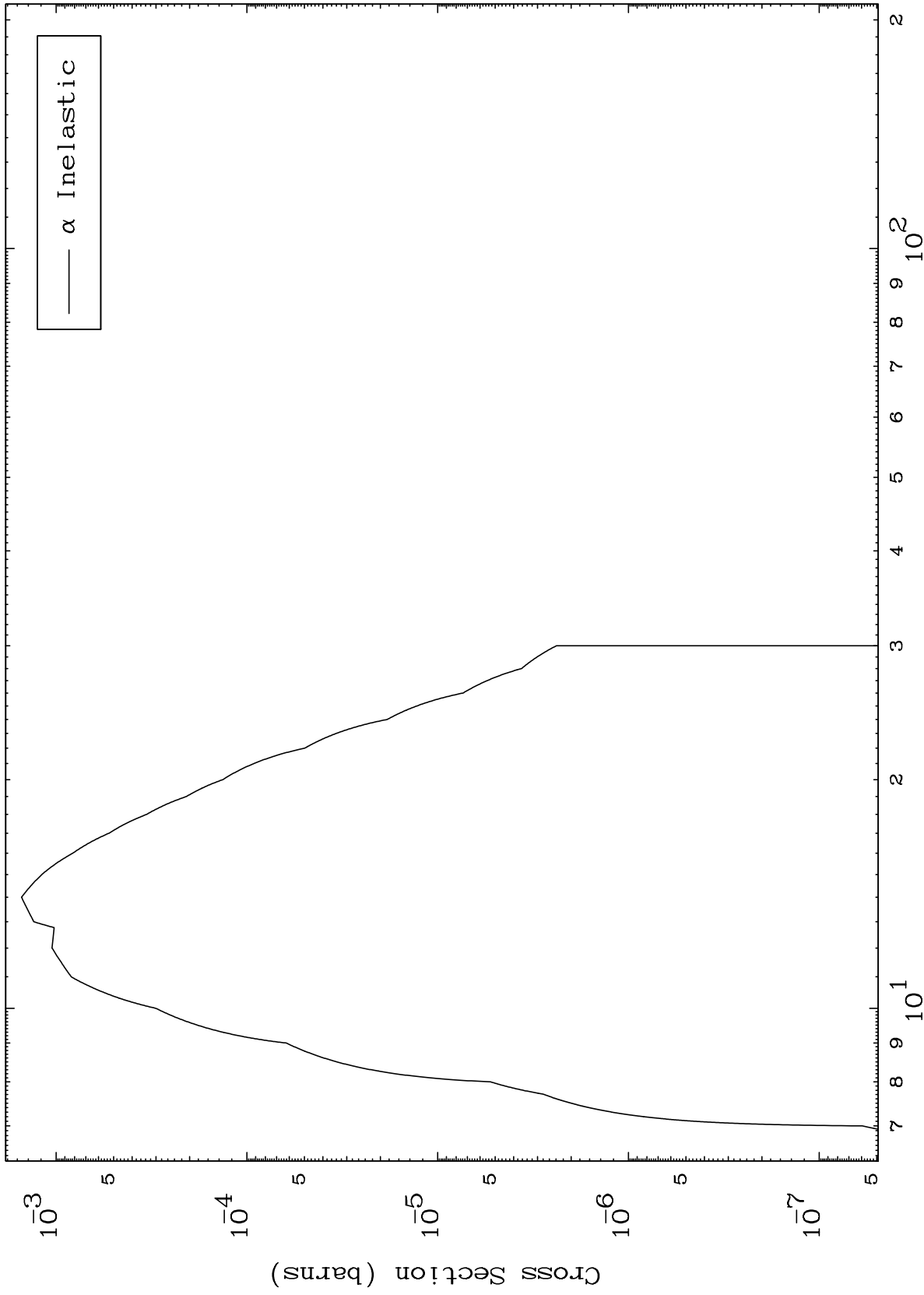
27-Co-54



MAT 2711

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

27-Co-54



5

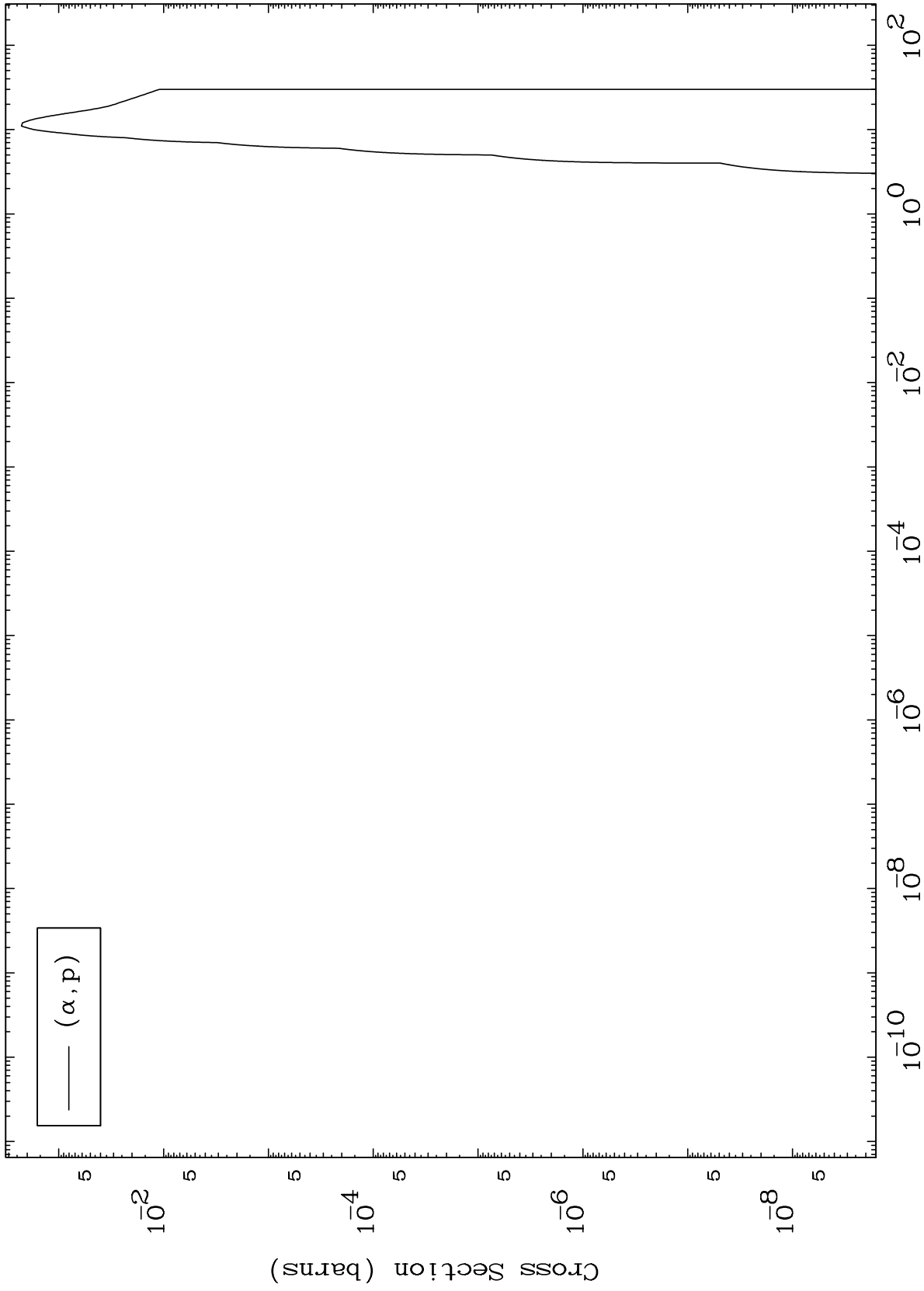
Incident Energy (MeV)

27-Co-54

MAT 2711

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

27-Co-54



6

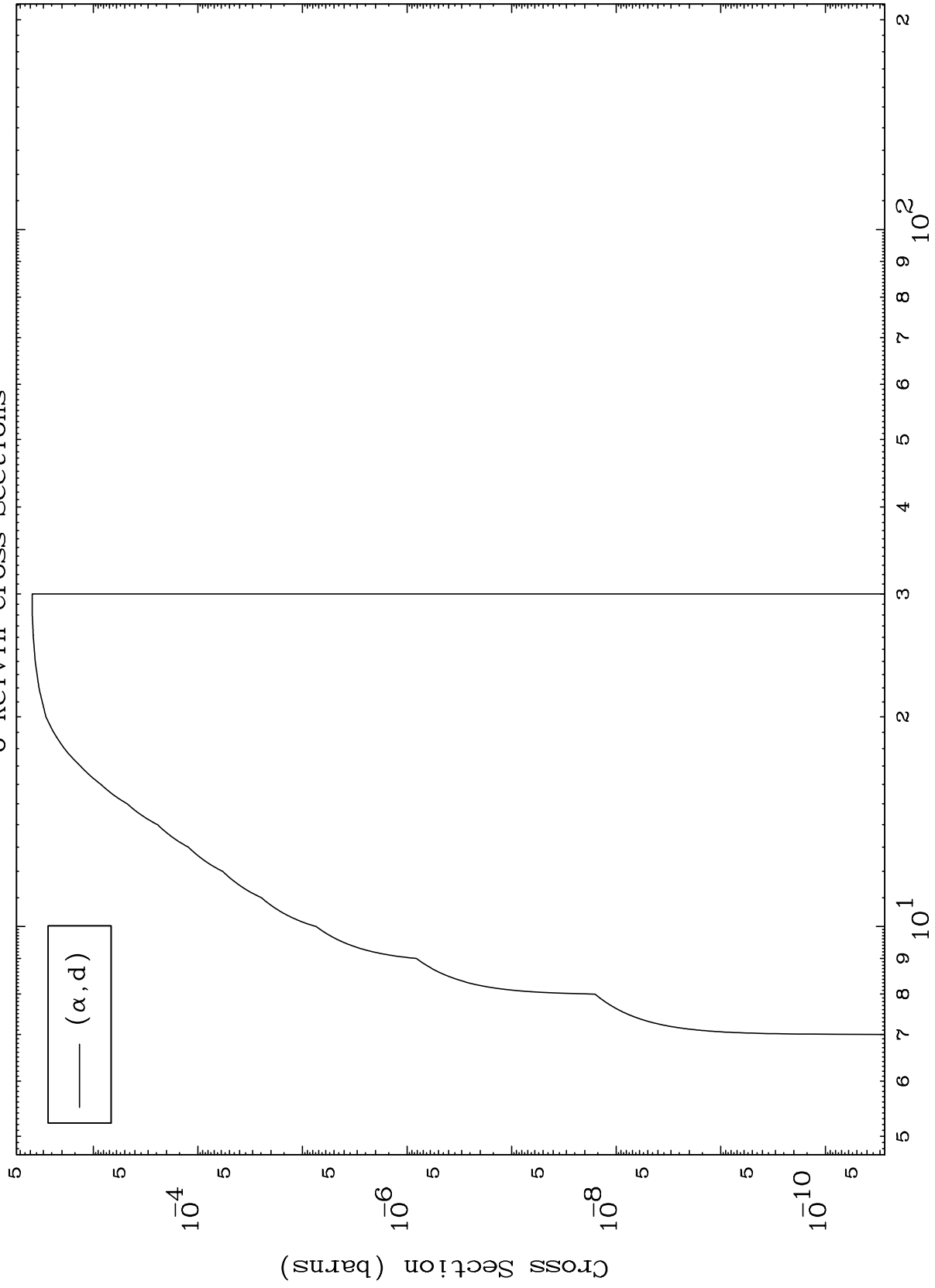
Incident Energy (MeV)

27-Co-54

MAT 2711

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

27-Co-54



7

Incident Energy (MeV)

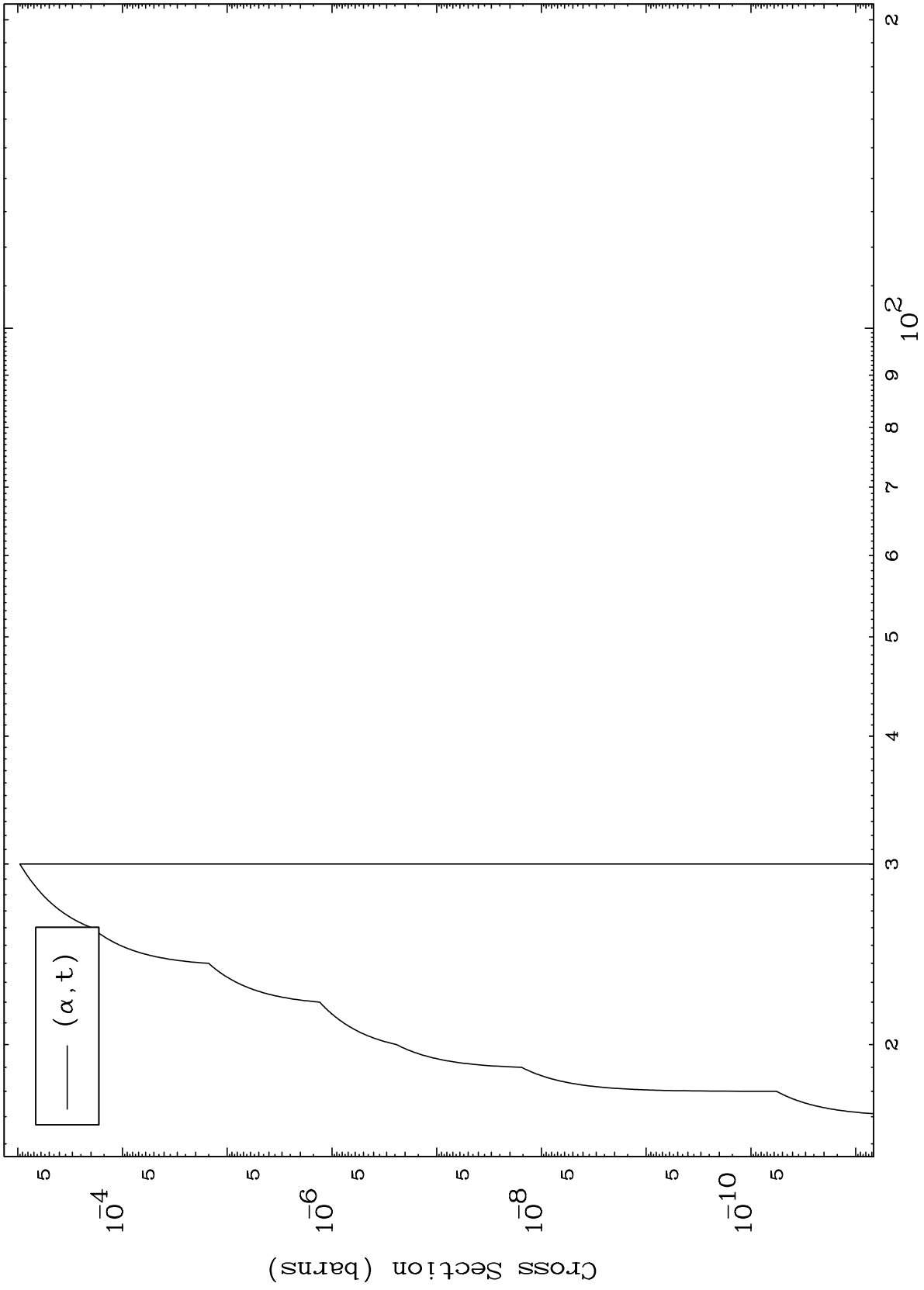
27-Co-54



MAT 2711

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

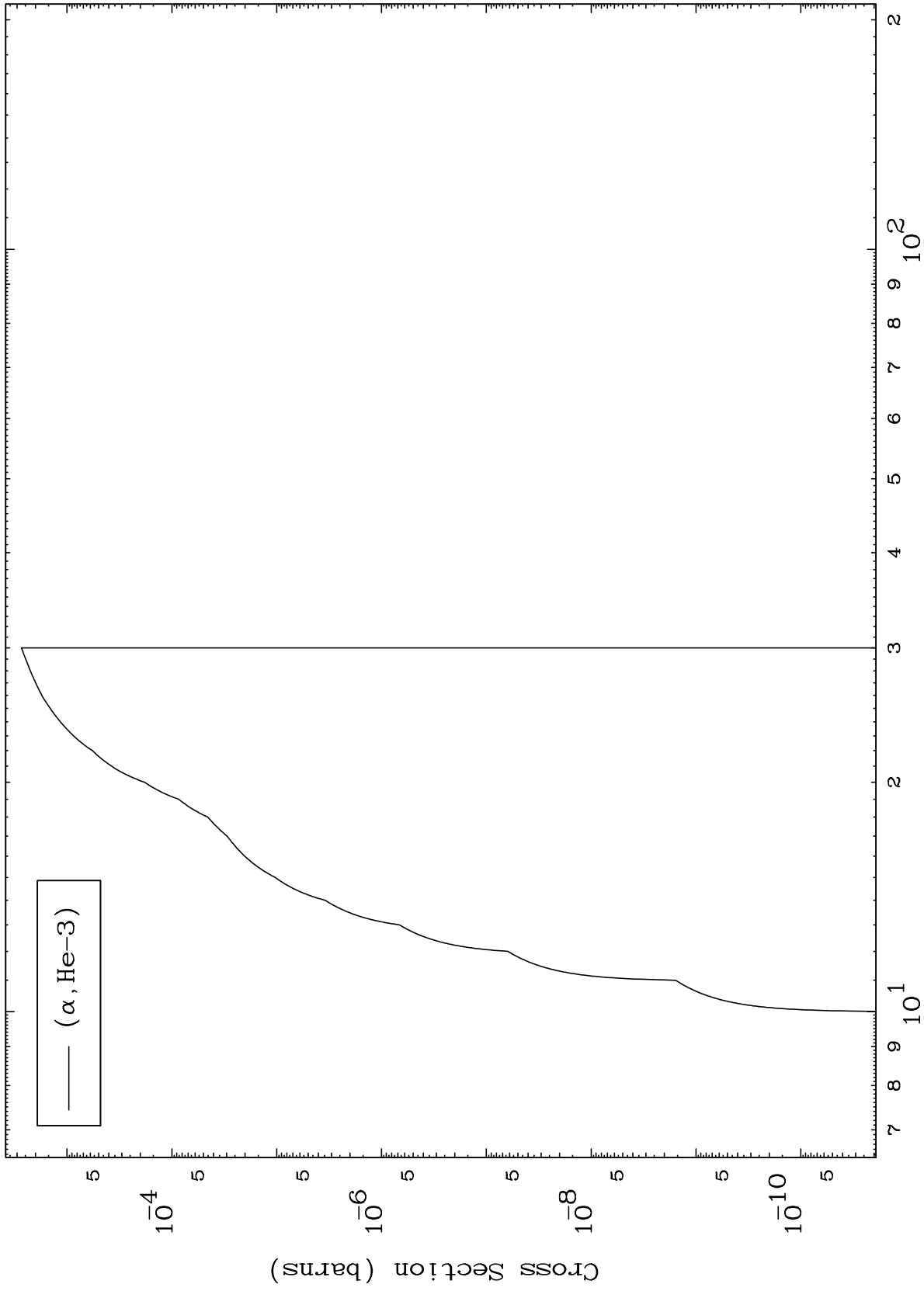
27-Co-54



8

Incident Energy (MeV)

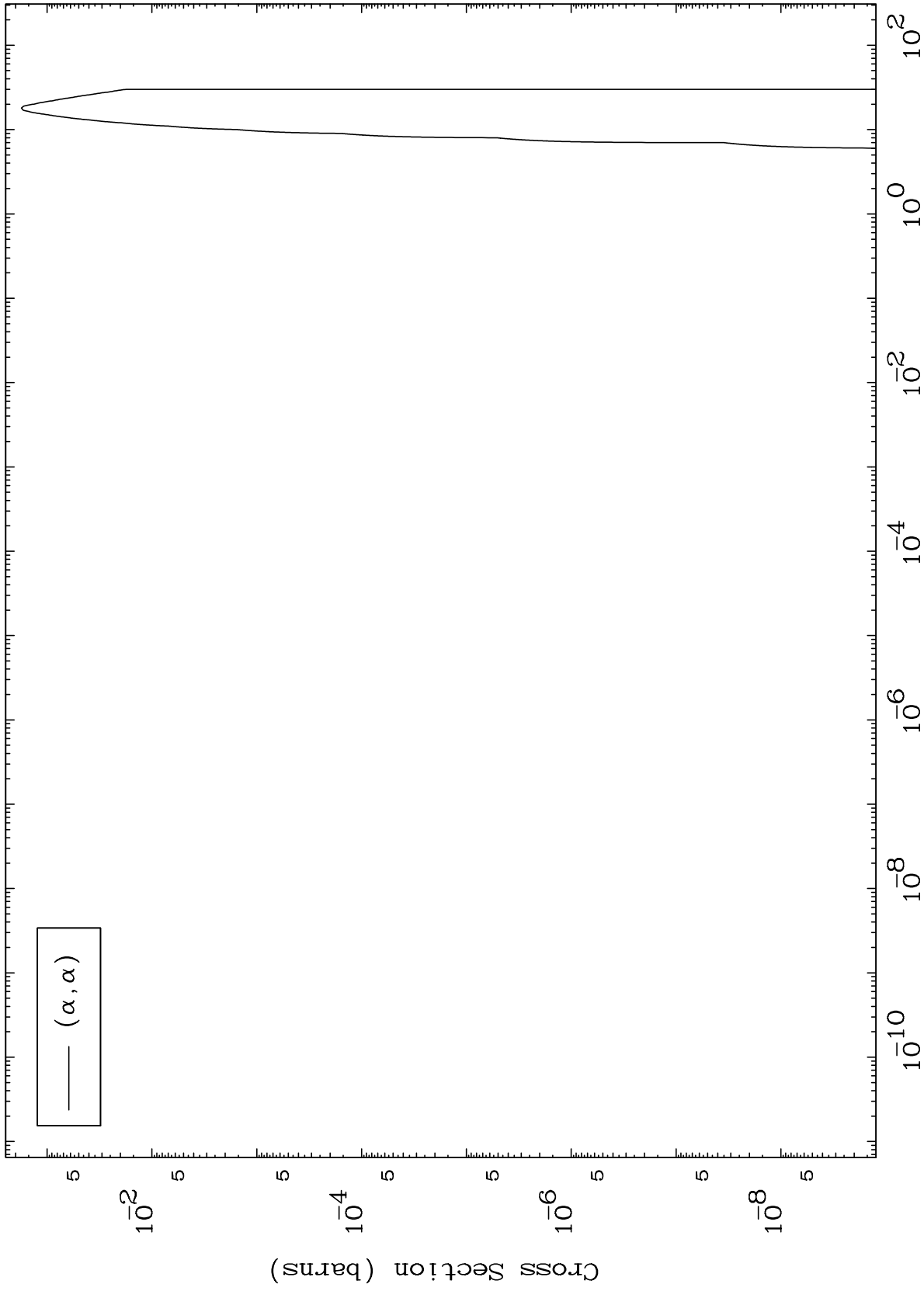
27-Co-54



MAT 2711

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

27-Co-54



10

Incident Energy (MeV)

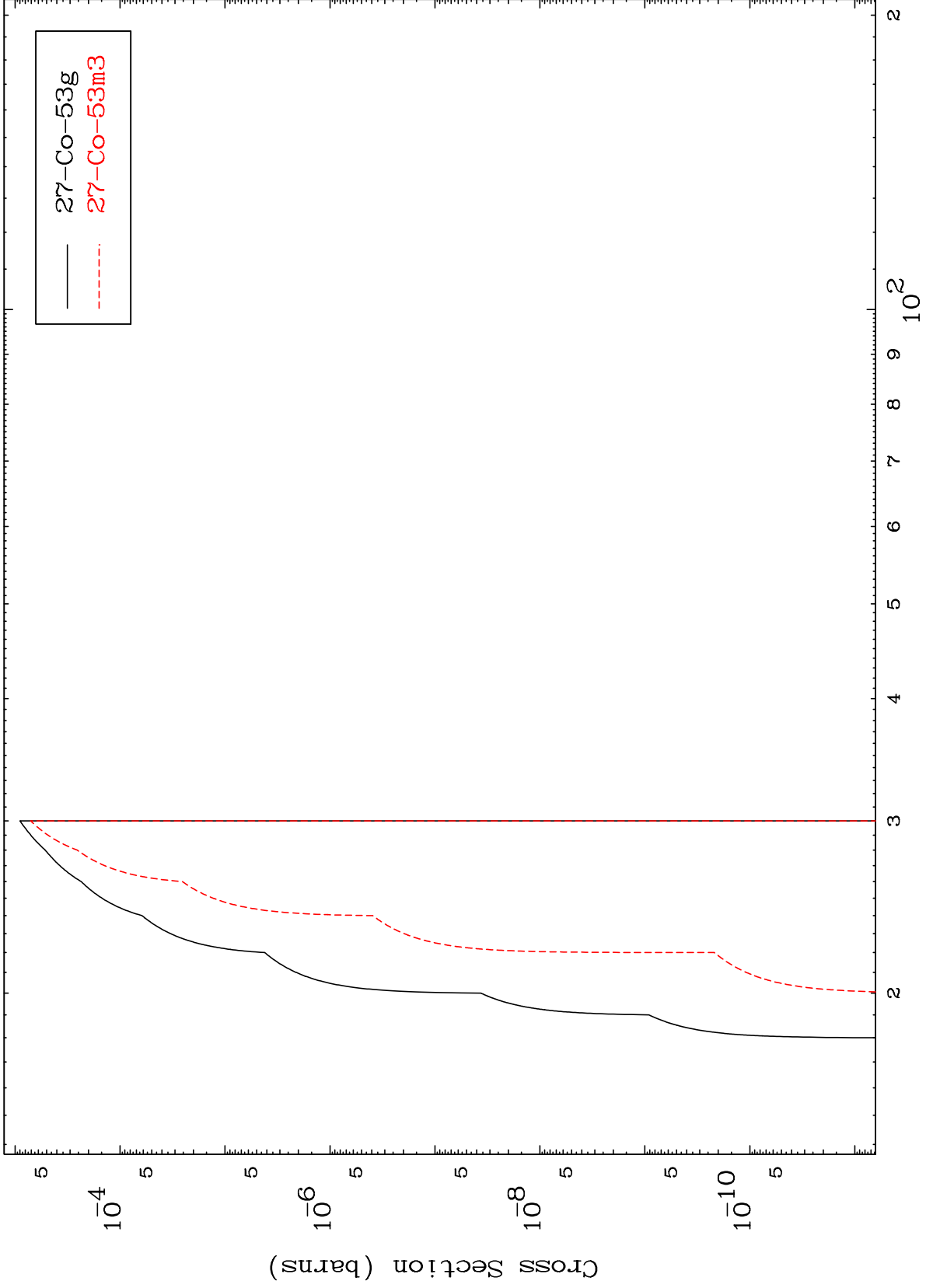
27-Co-54

MAT 2711

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

27-Co-54

Radionuclide Production Cross Section

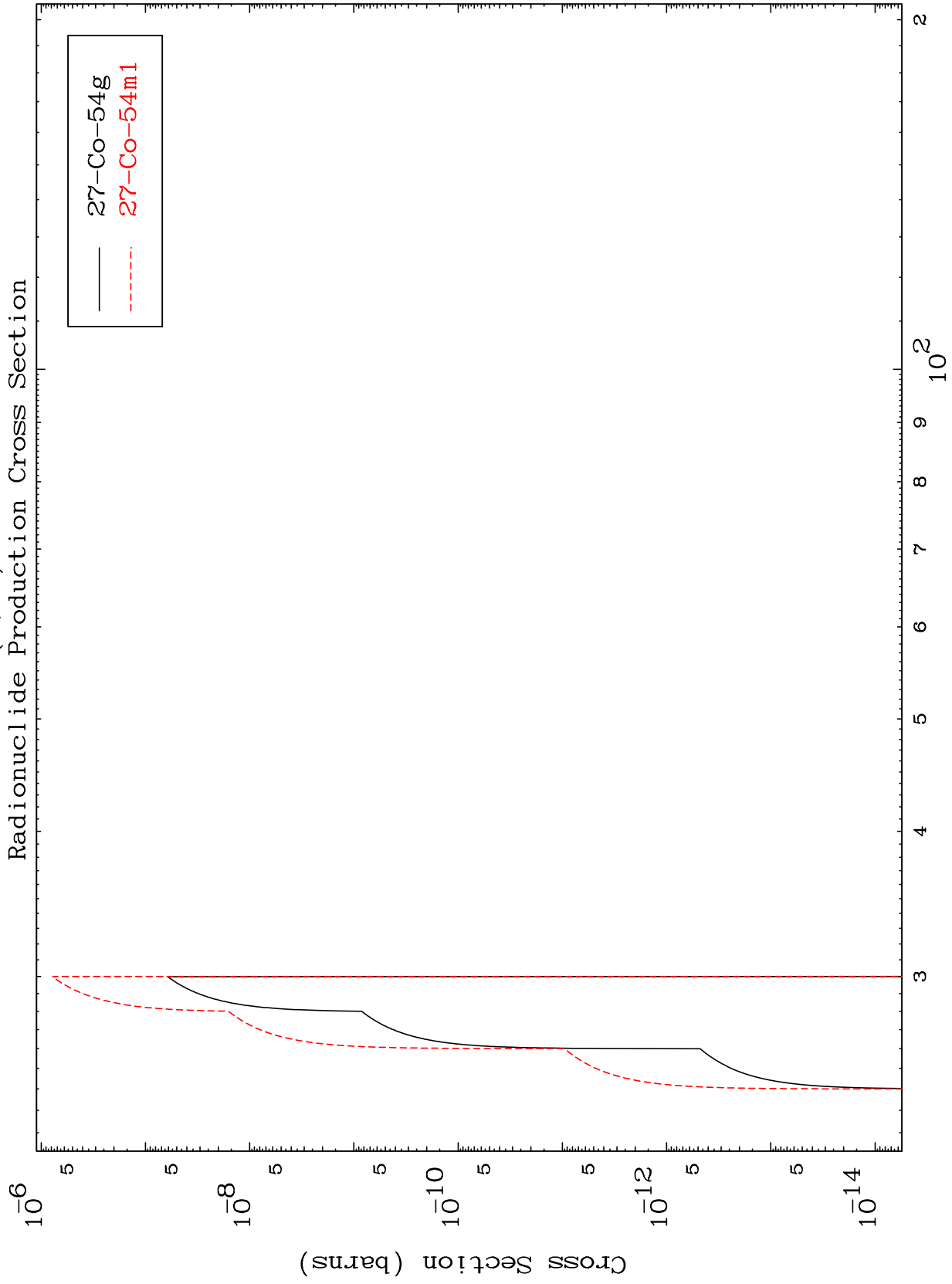


27-Co-54

MAT 2711

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

27-Co-54



27-Co-54

Incident Energy (MeV)

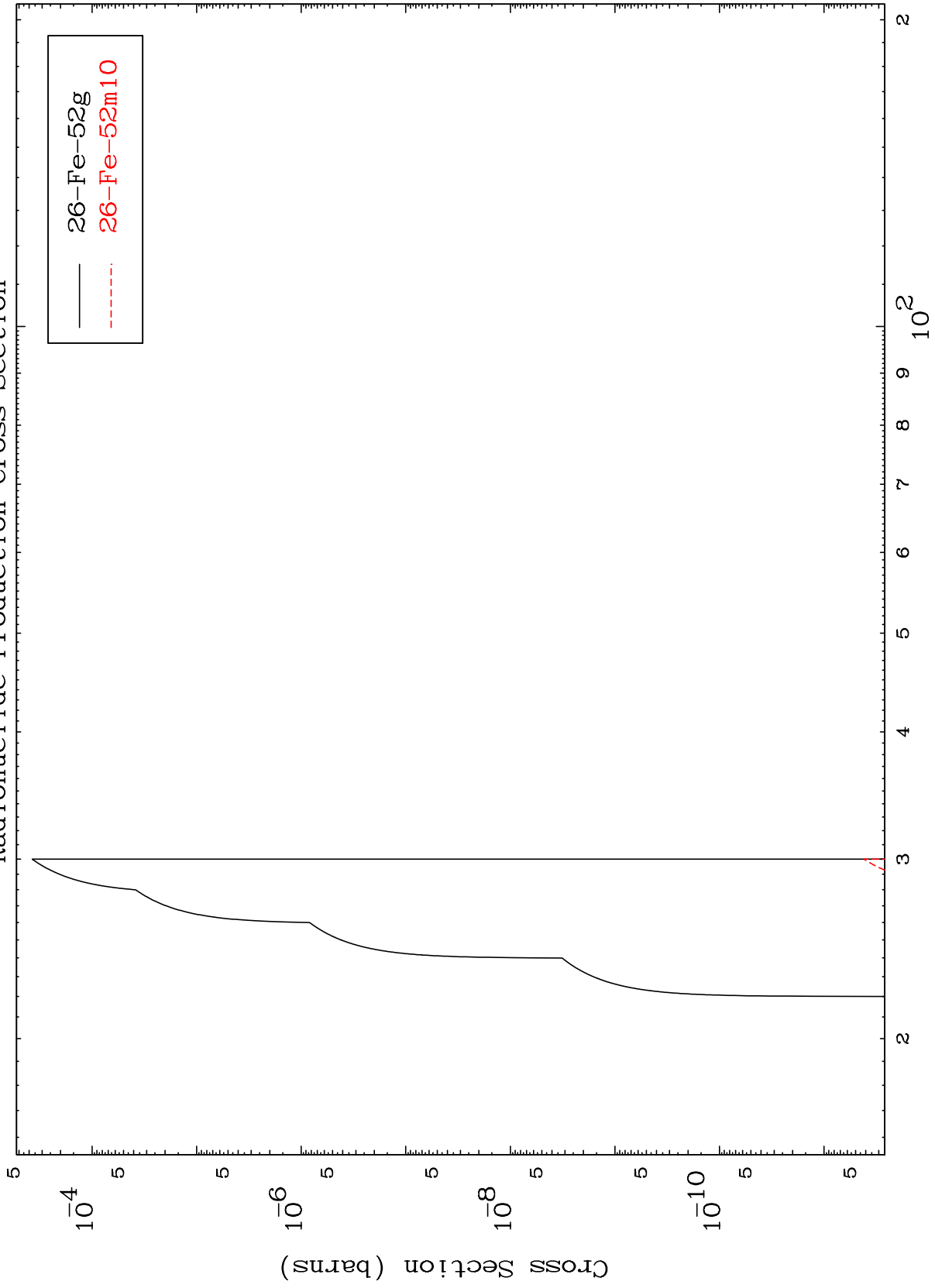
12

MAT 2711

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

27-Co-54

Radionuclide Production Cross Section



13

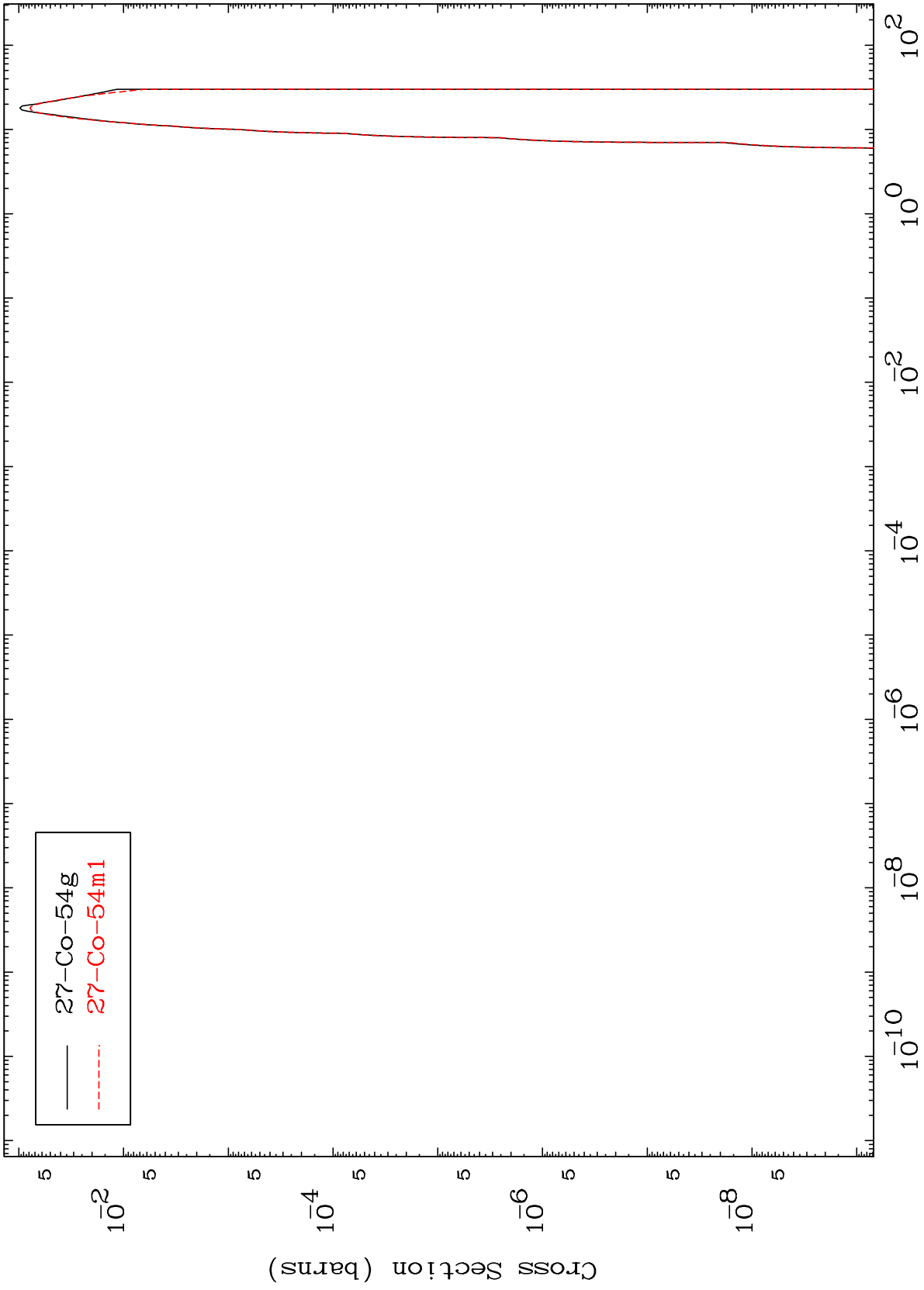
Incident Energy (MeV)

27-Co-54

MAT 2711

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

$^{27}\text{Co-54}$

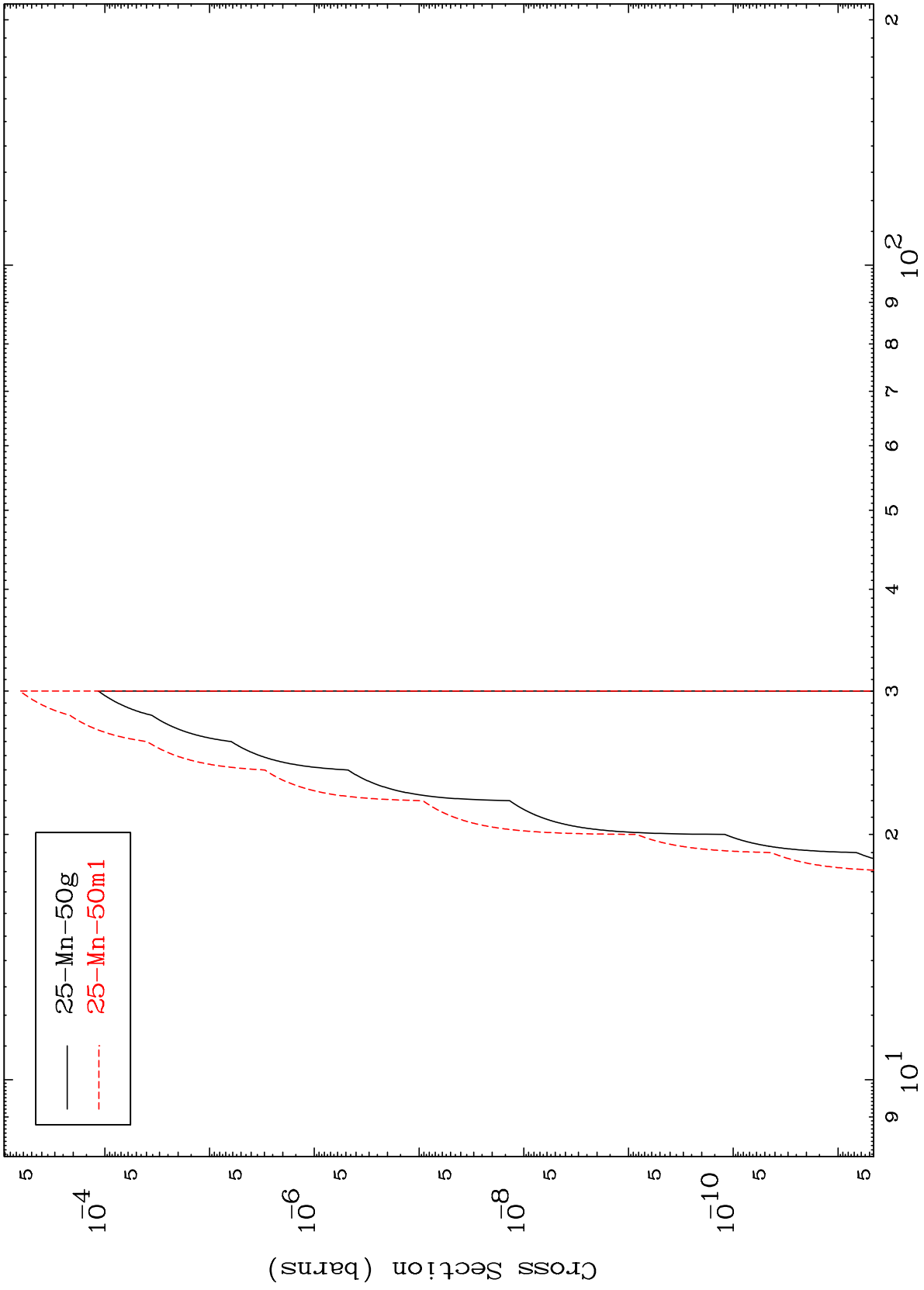


$^{27}\text{Co-54}$

MAT 2711

27-Co-54

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



15

Incident Energy (MeV)

27-Co-54

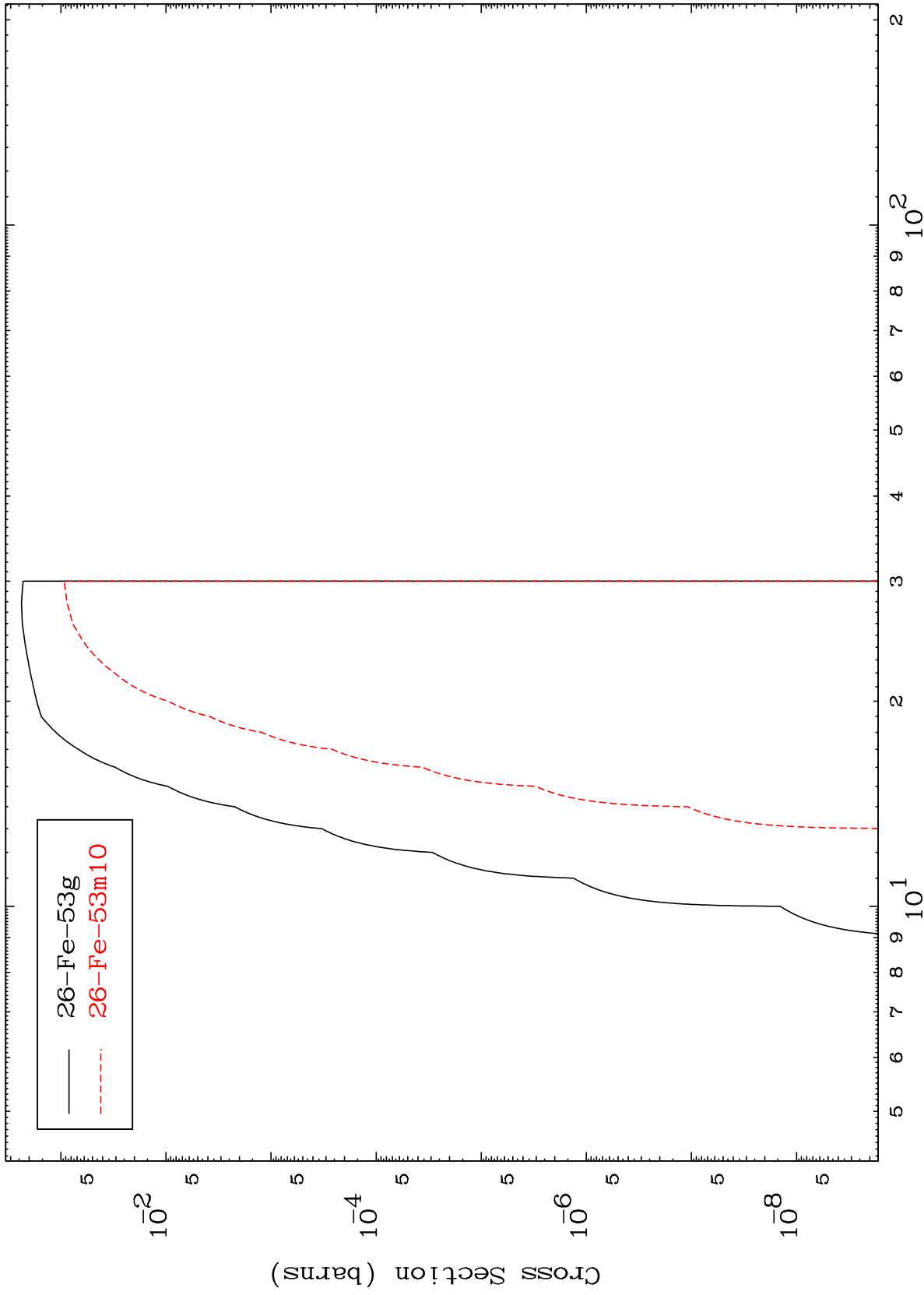


MAT 2711

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

27-Co-54

Radionuclide Production Cross Section



16

Incident Energy (MeV)

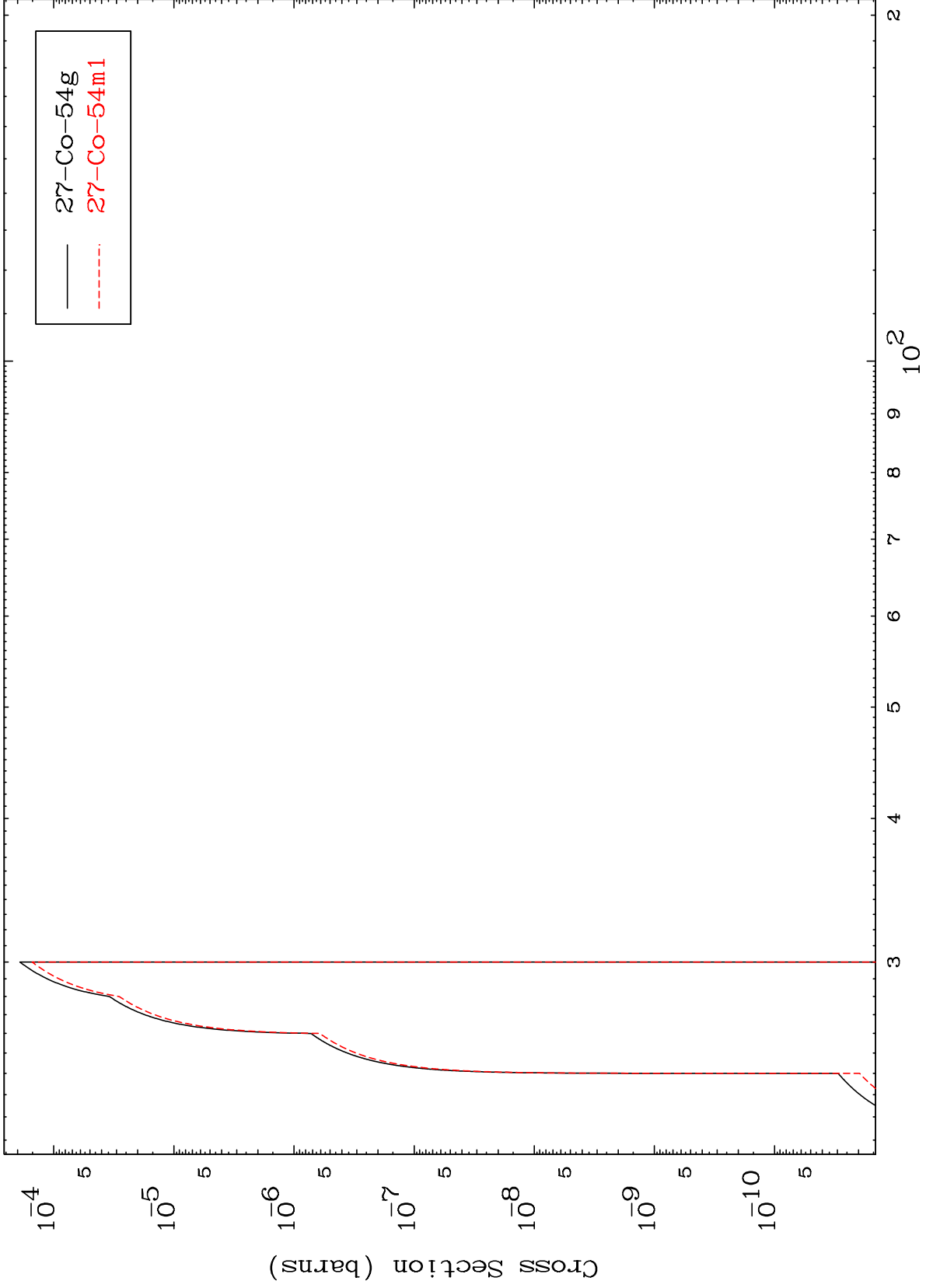
27-Co-54

MAT 2711

( $\alpha, p$ ) t

27-Co-54

Radionuclide Production Cross Section



17

Incident Energy (MeV)

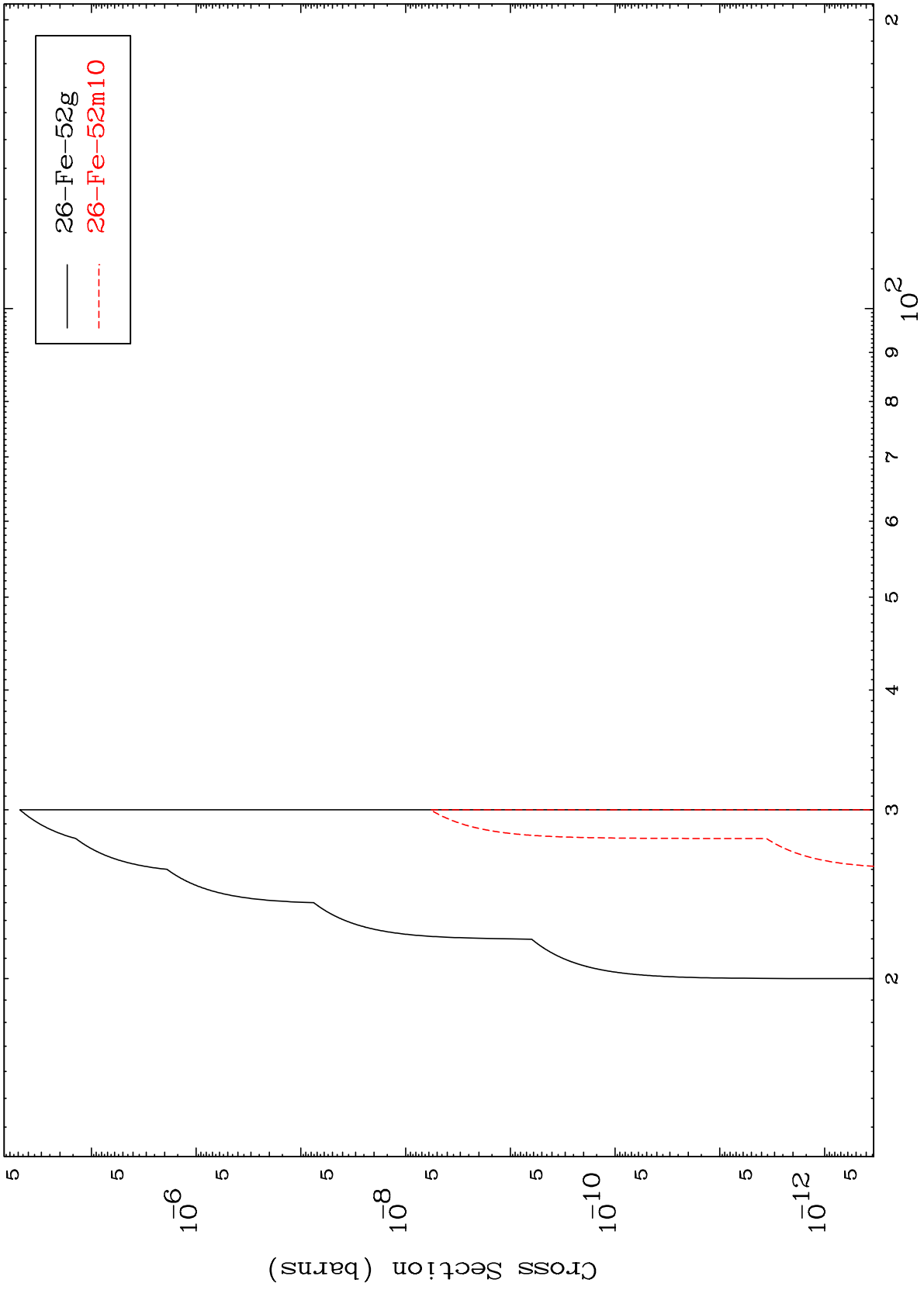
27-Co-54

MAT 2711

( $\alpha, d$ )  $\alpha$

27-Co-54

Radionuclide Production Cross Section



18

Incident Energy (MeV)

27-Co-54