

Program EVALPLOT  
(Version 2018-1)

by

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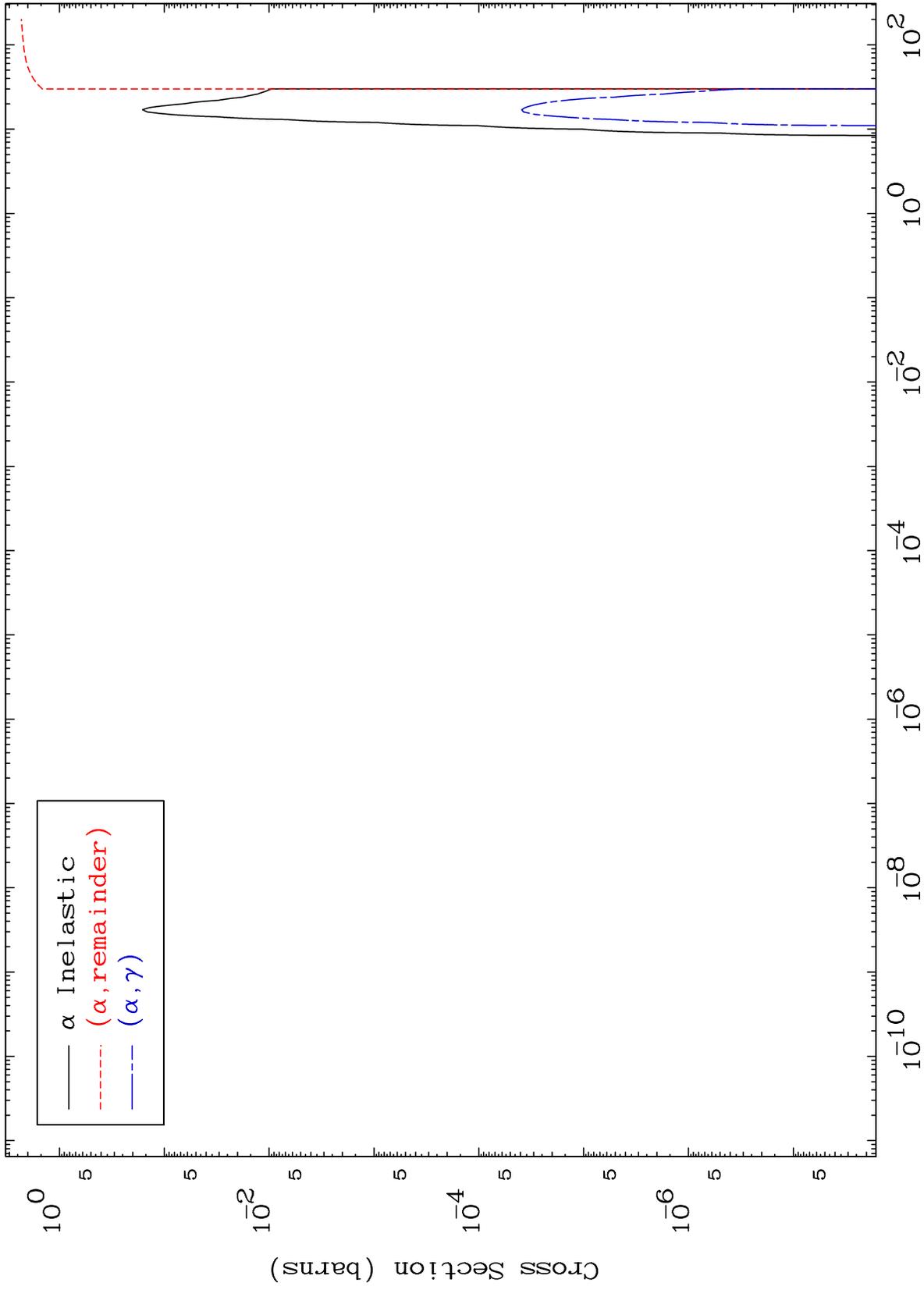
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5449

0 Kelvin  $\alpha$  Major

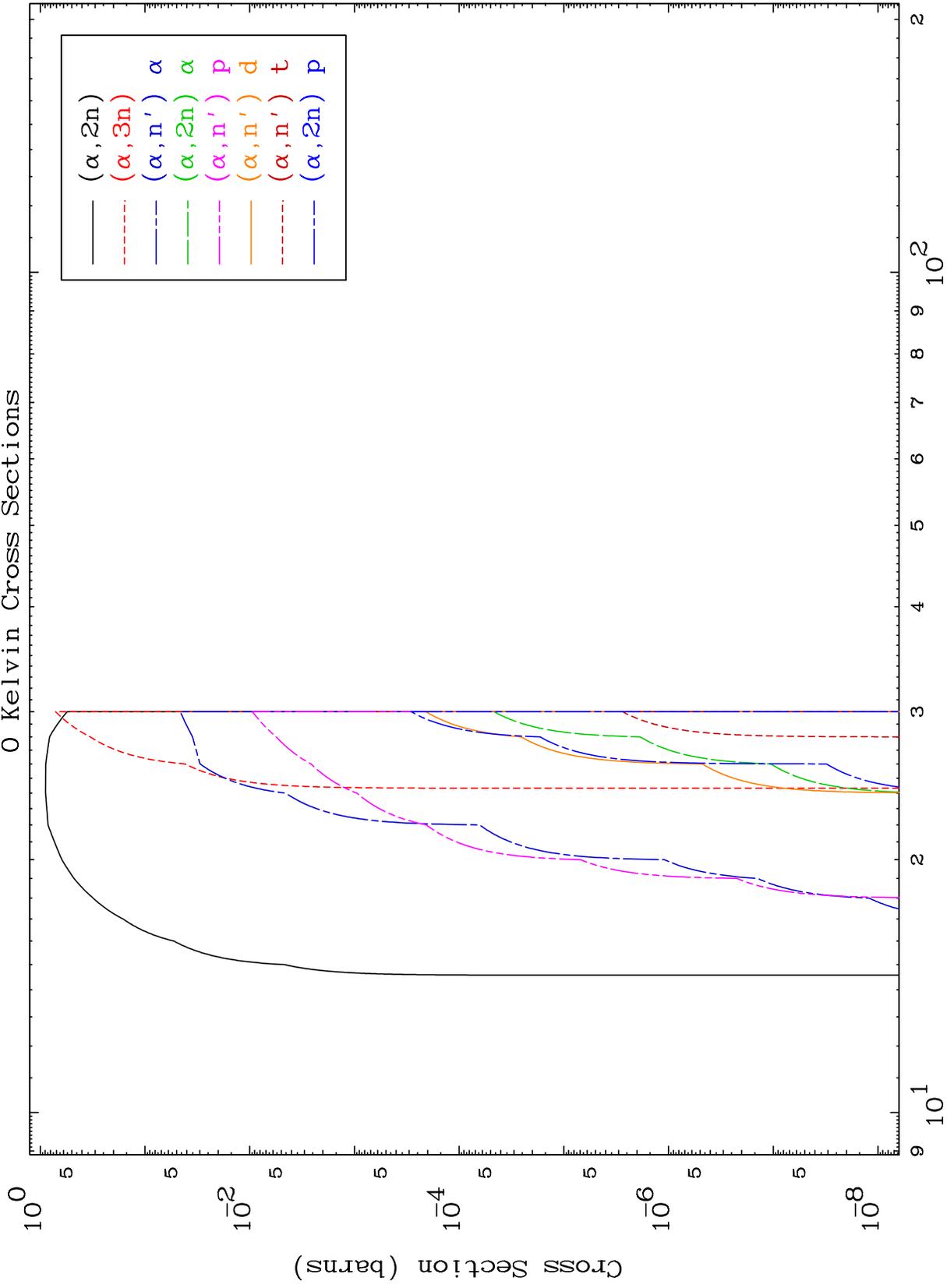
54-Xe-132



MAT 5449

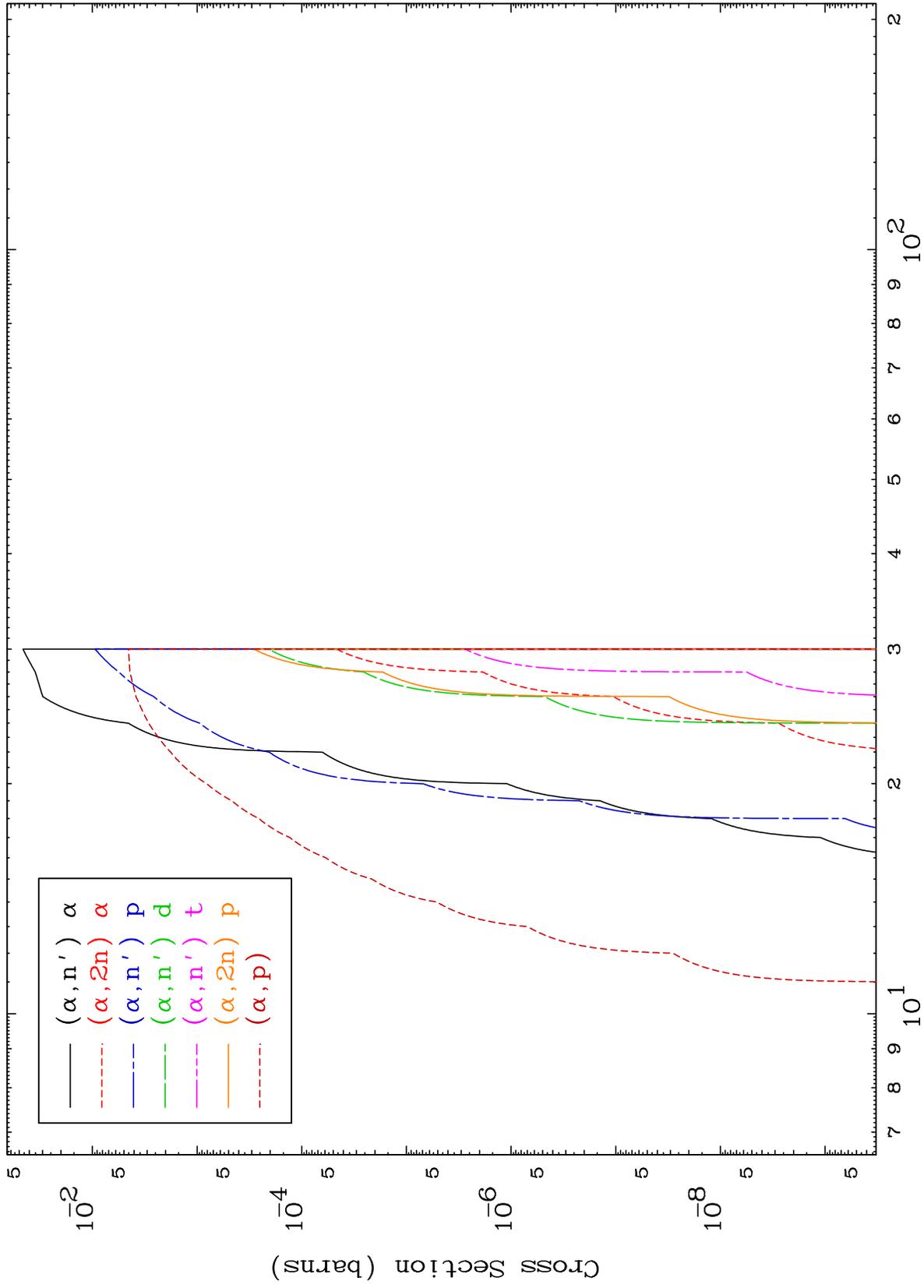
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

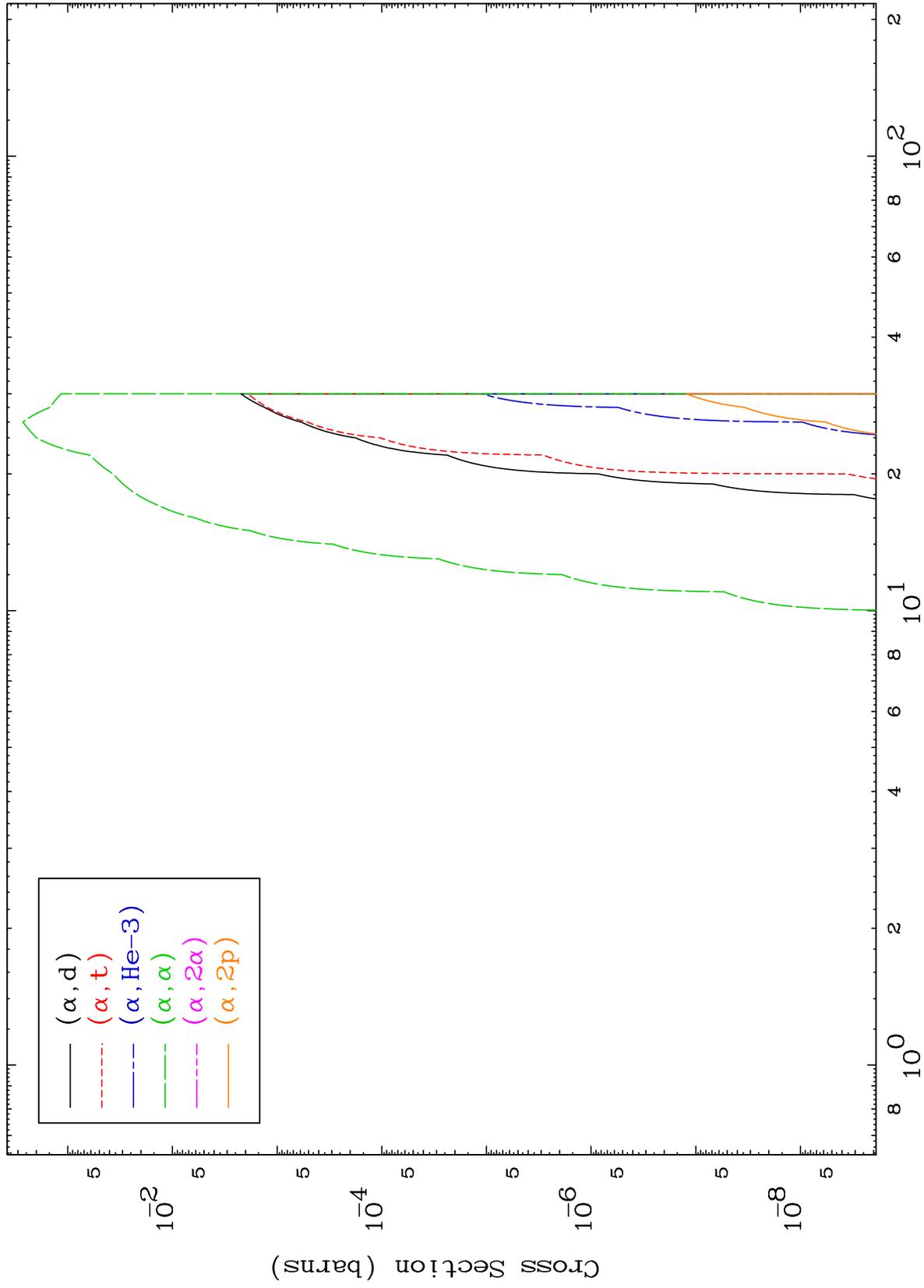
54-Xe-132



54-Xe-132

Incident Energy (MeV)

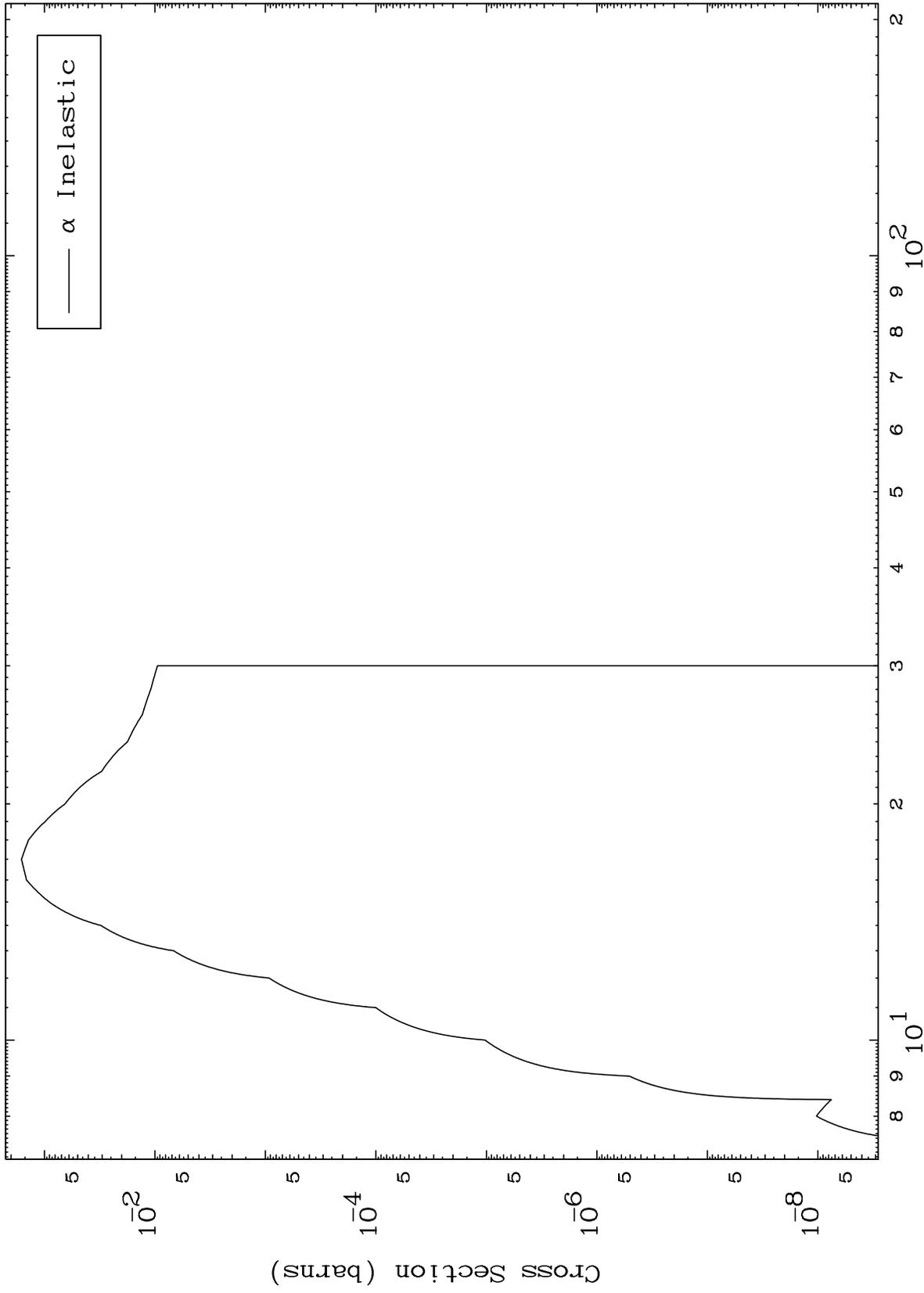




MAT 5449

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

54-Xe-132



5

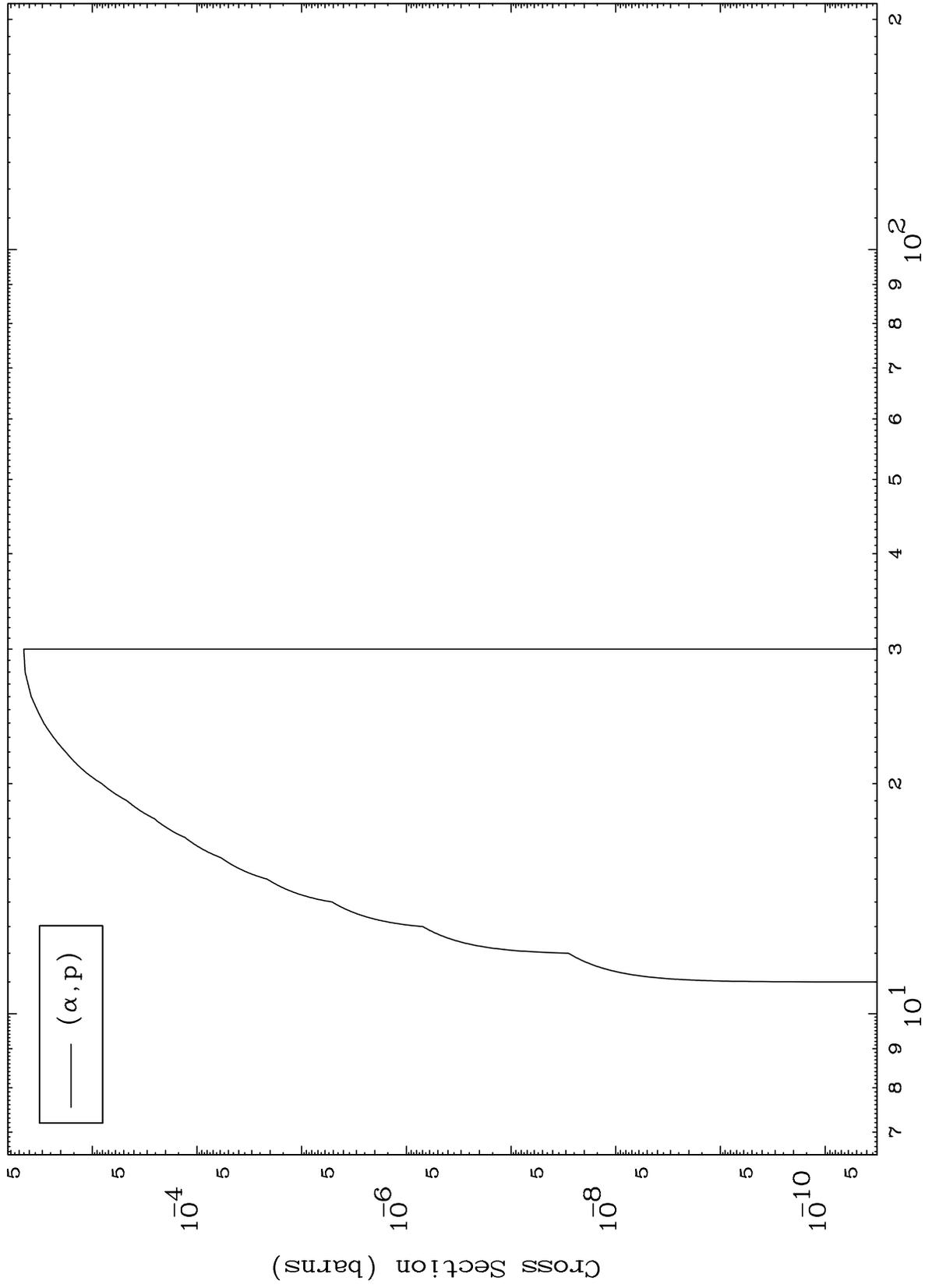
Incident Energy (MeV)

54-Xe-132

MAT 5449

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

54-Xe-132



6

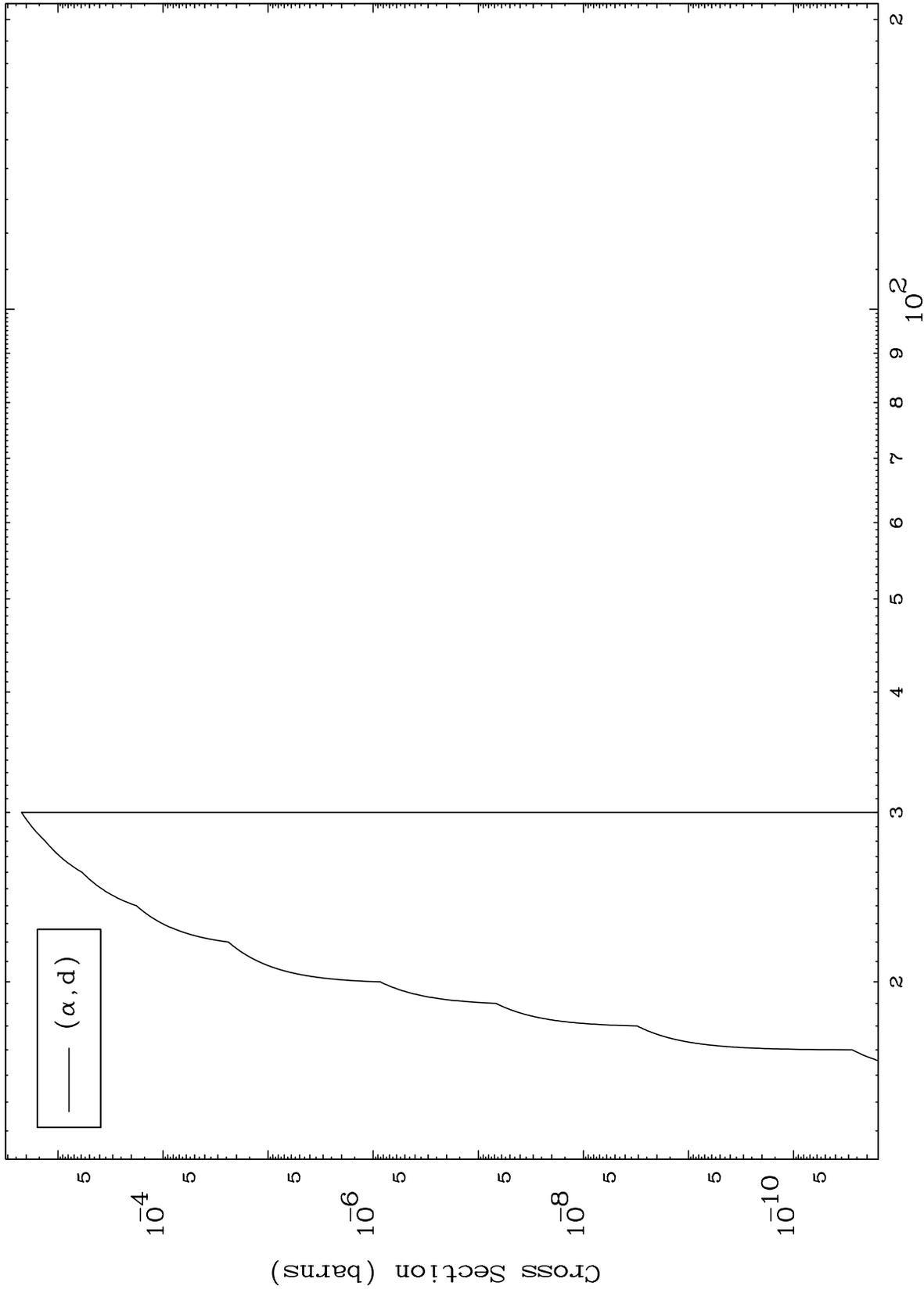
Incident Energy (MeV)

54-Xe-132

MAT 5449

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

54-Xe-132



7

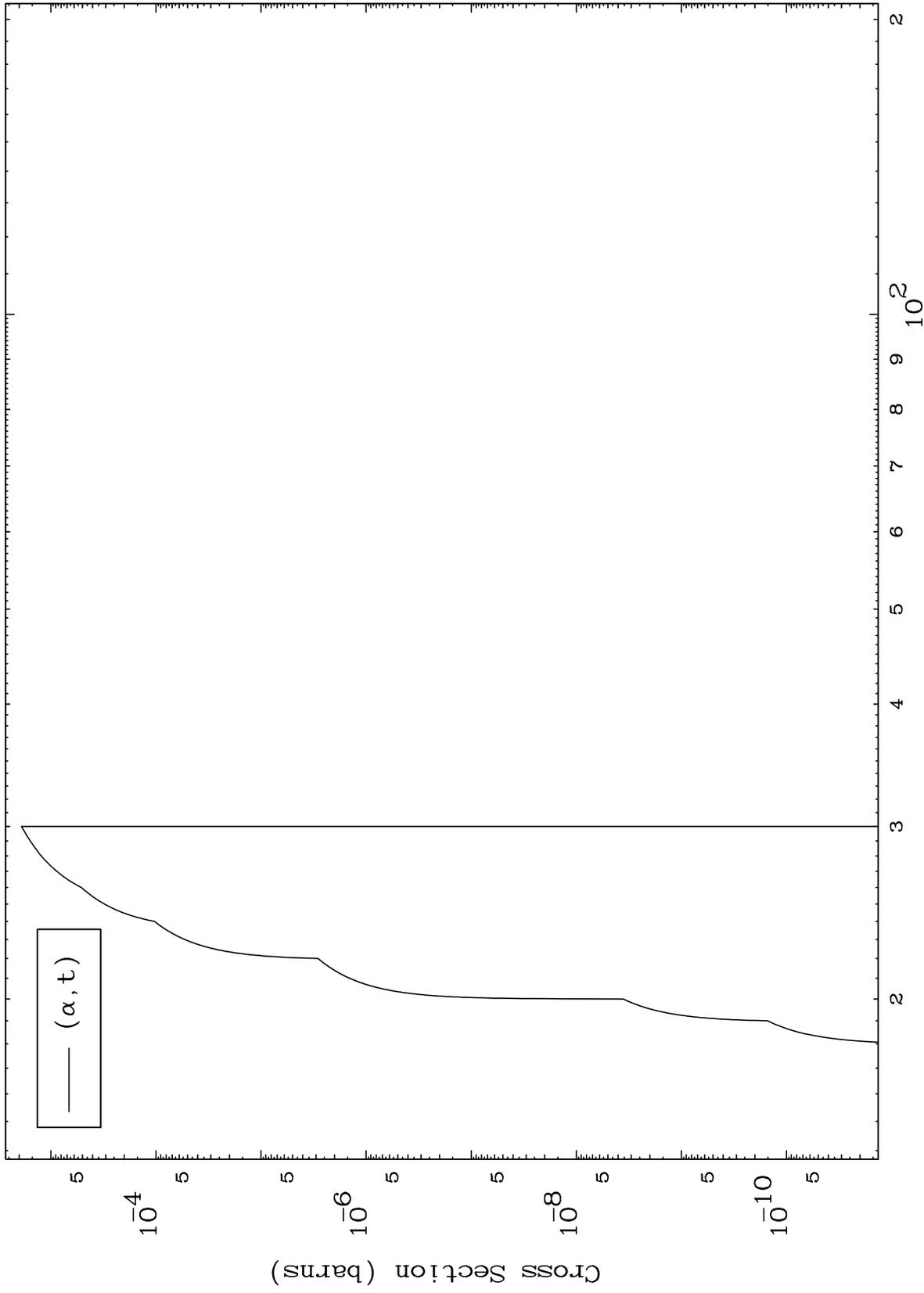
Incident Energy (MeV)

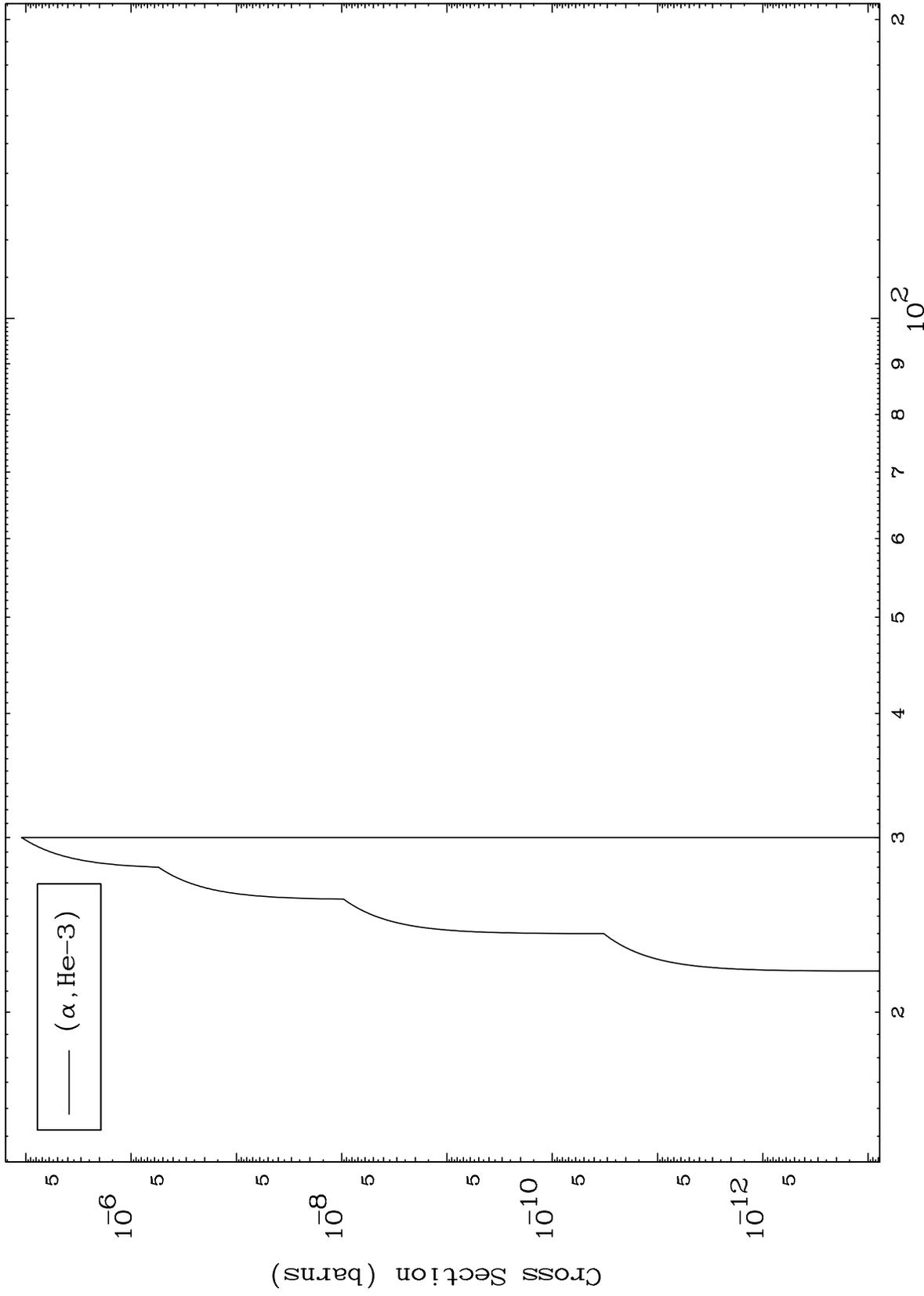
54-Xe-132

MAT 5449

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

54-Xe-132

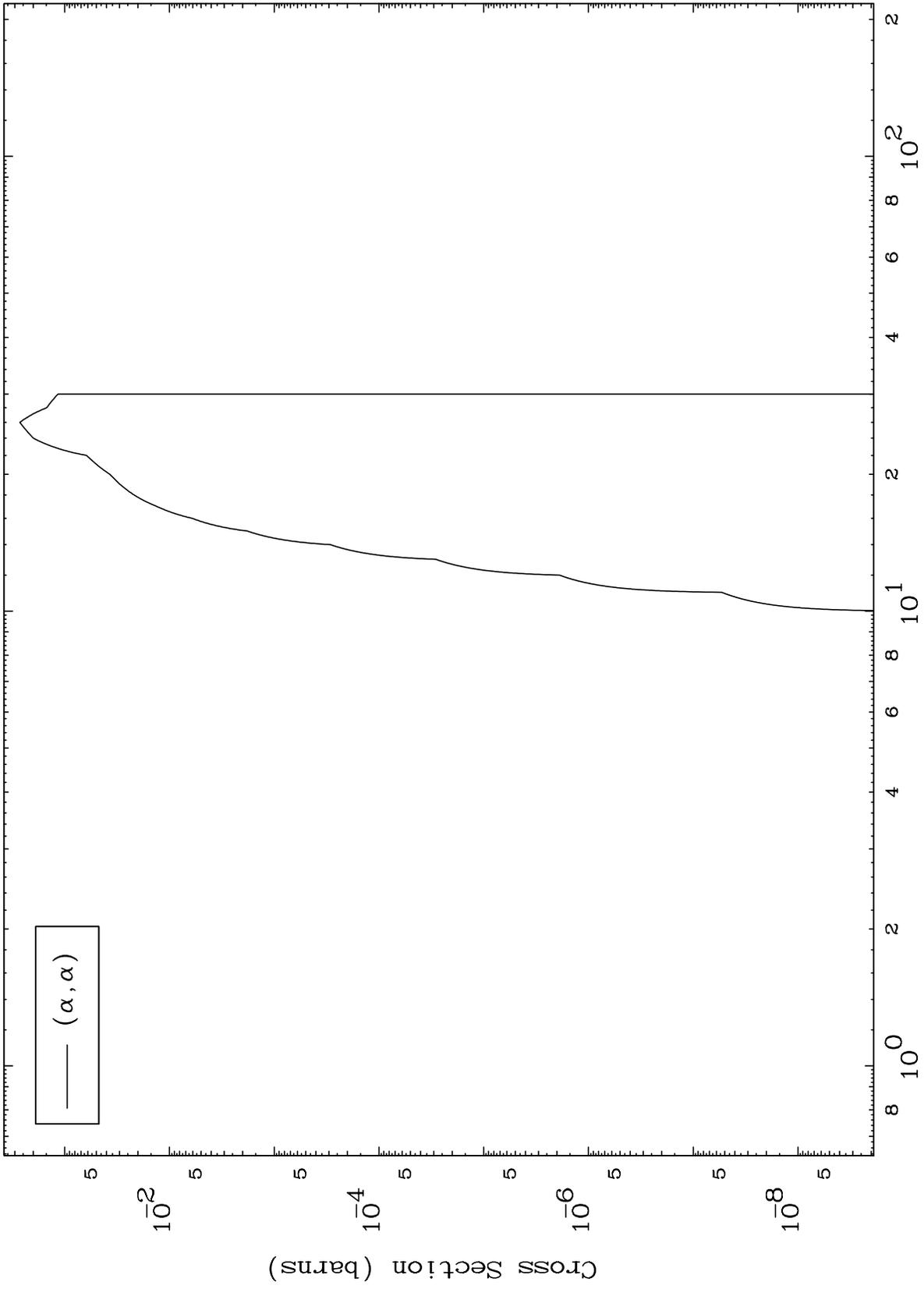




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( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

54-Xe-132

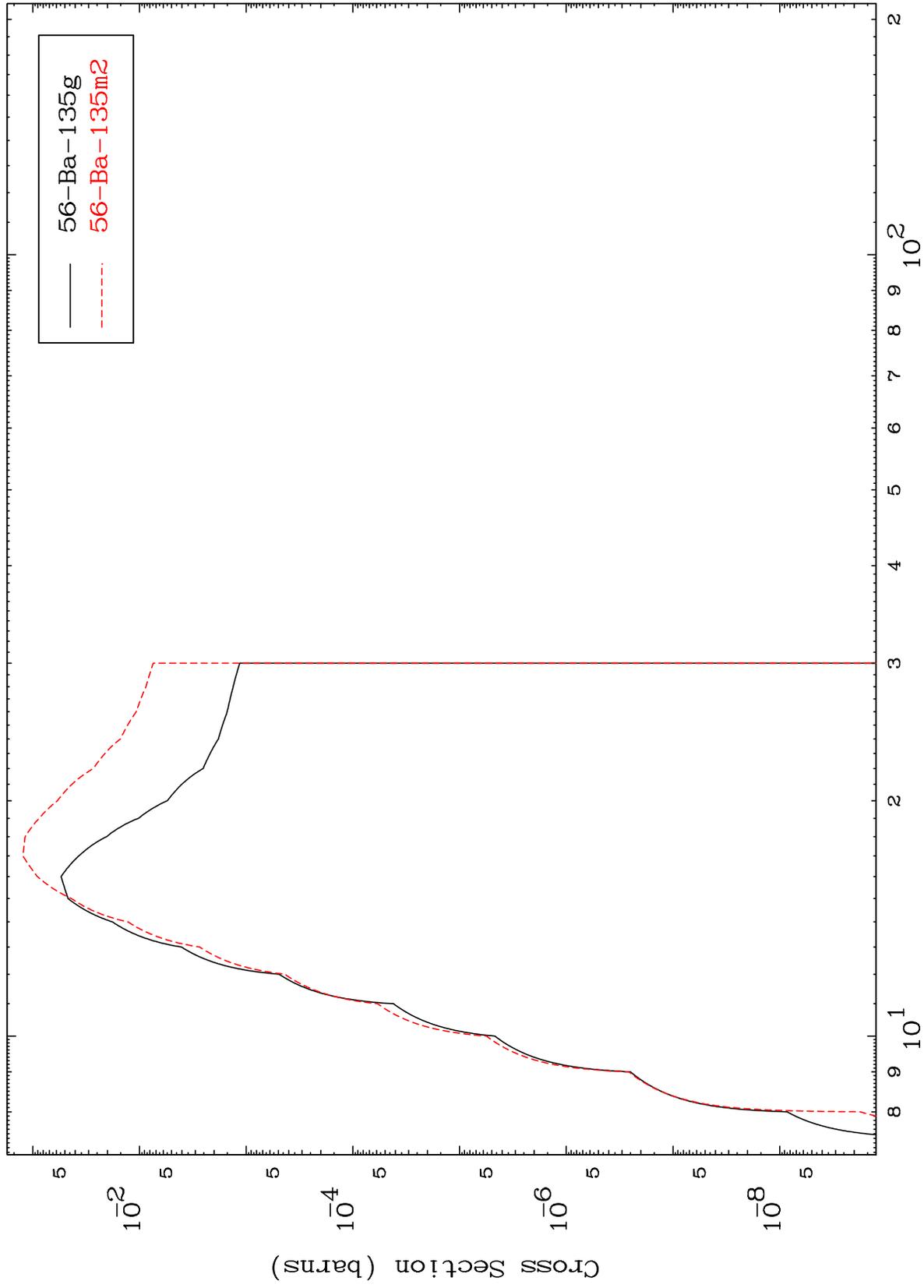


10

Incident Energy (MeV)

54-Xe-132

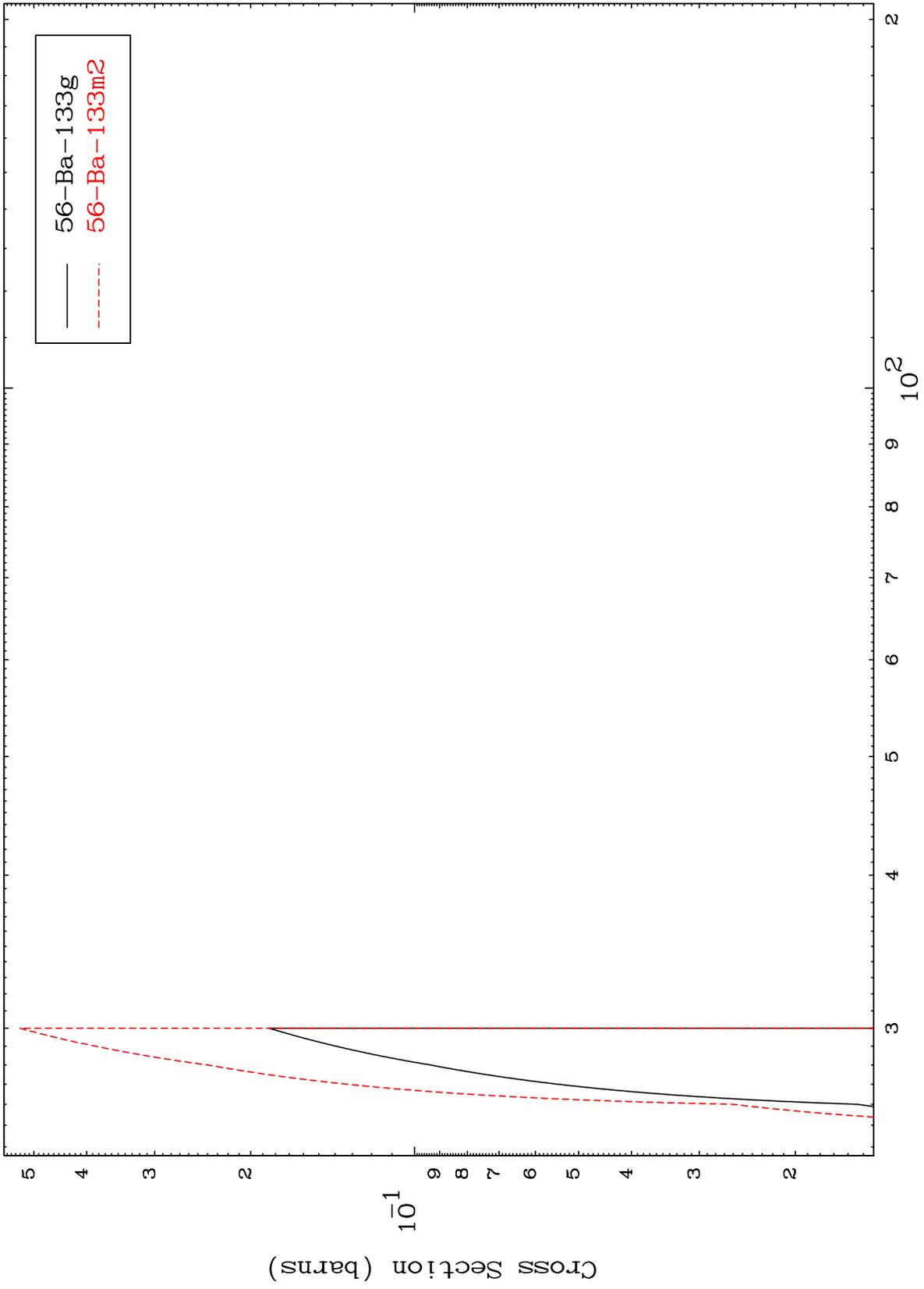
Radionuclide Production Cross Section  
 $\alpha$  Inelastic



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54-Xe-132

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



12

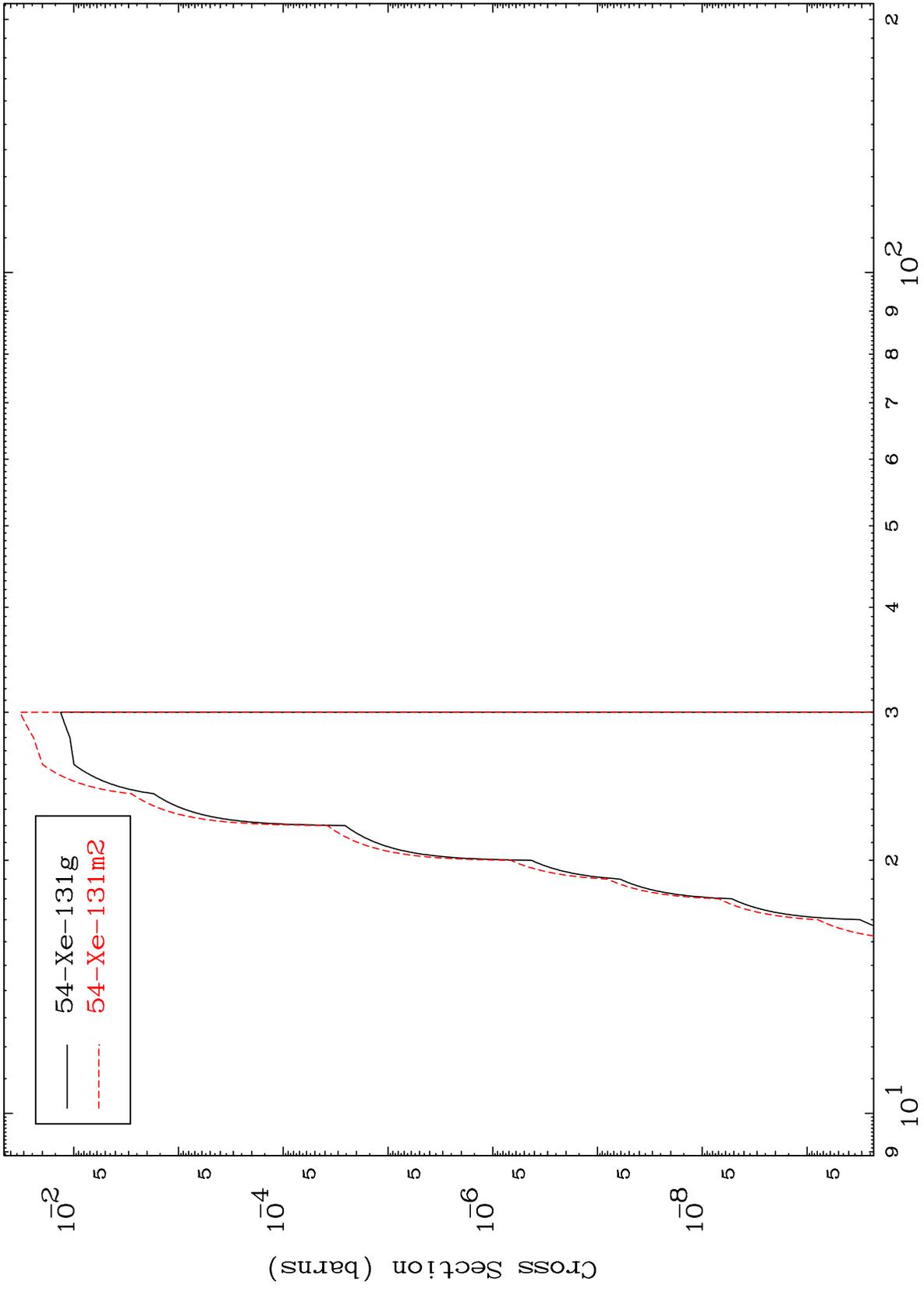
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

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



13

Incident Energy (MeV)

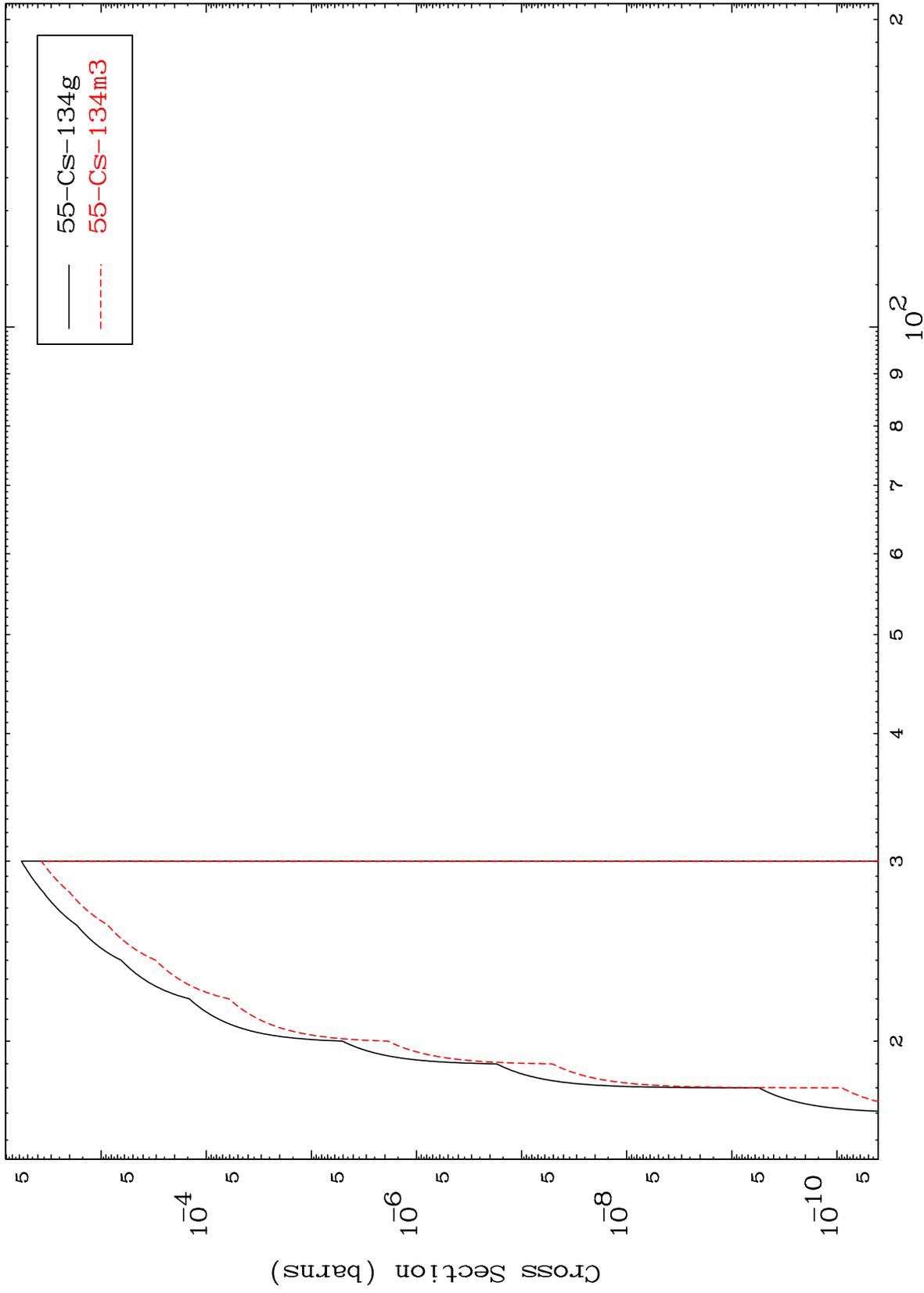
54-Xe-132

MAT 5449

( $\alpha, n'$ ) p

54-Xe-132

Radionuclide Production Cross Section



14

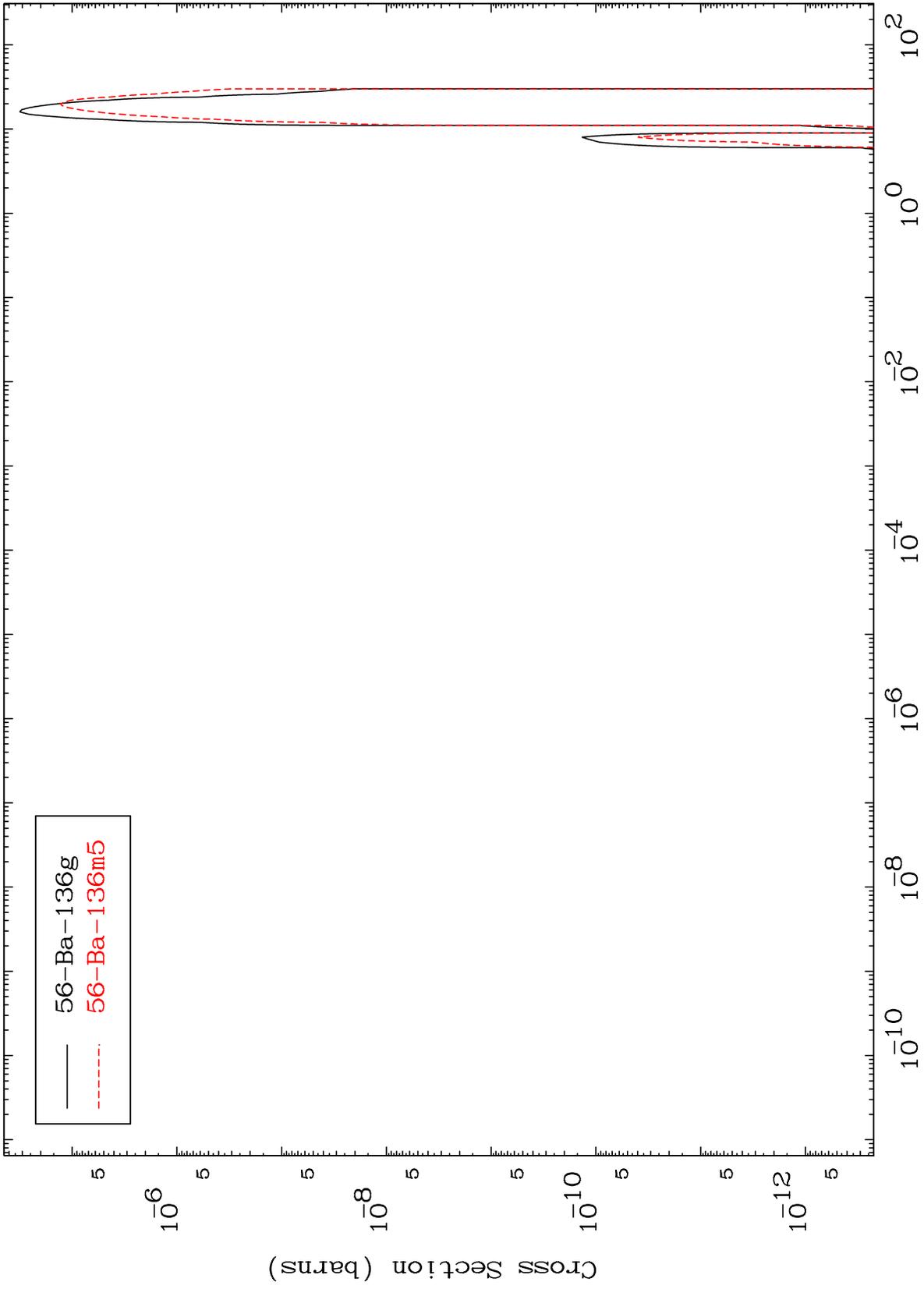
Incident Energy (MeV)

54-Xe-132

MAT 5449

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

54-Xe-132



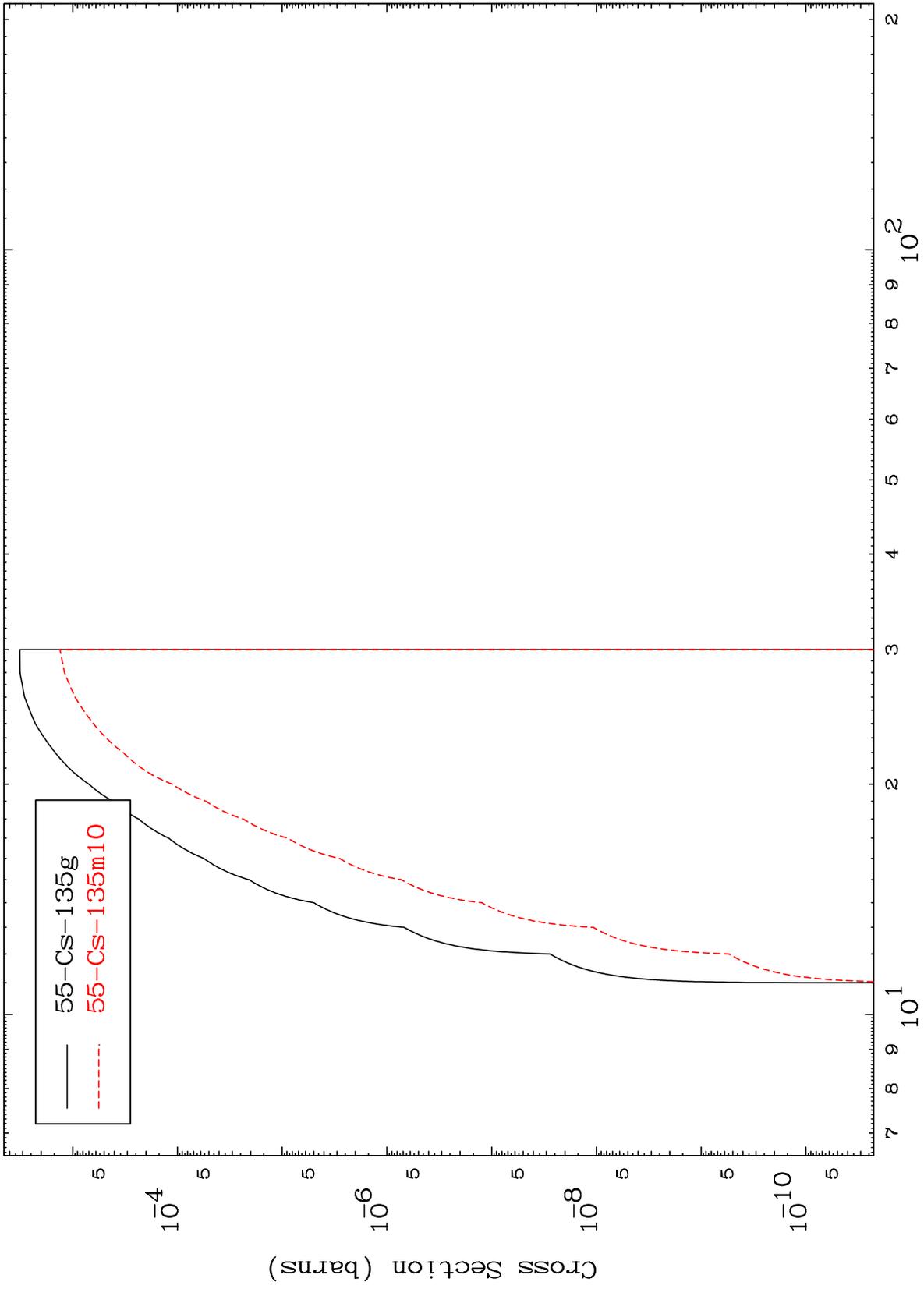
15

54-Xe-132

MAT 5449

54-Xe-132

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



16

Incident Energy (MeV)

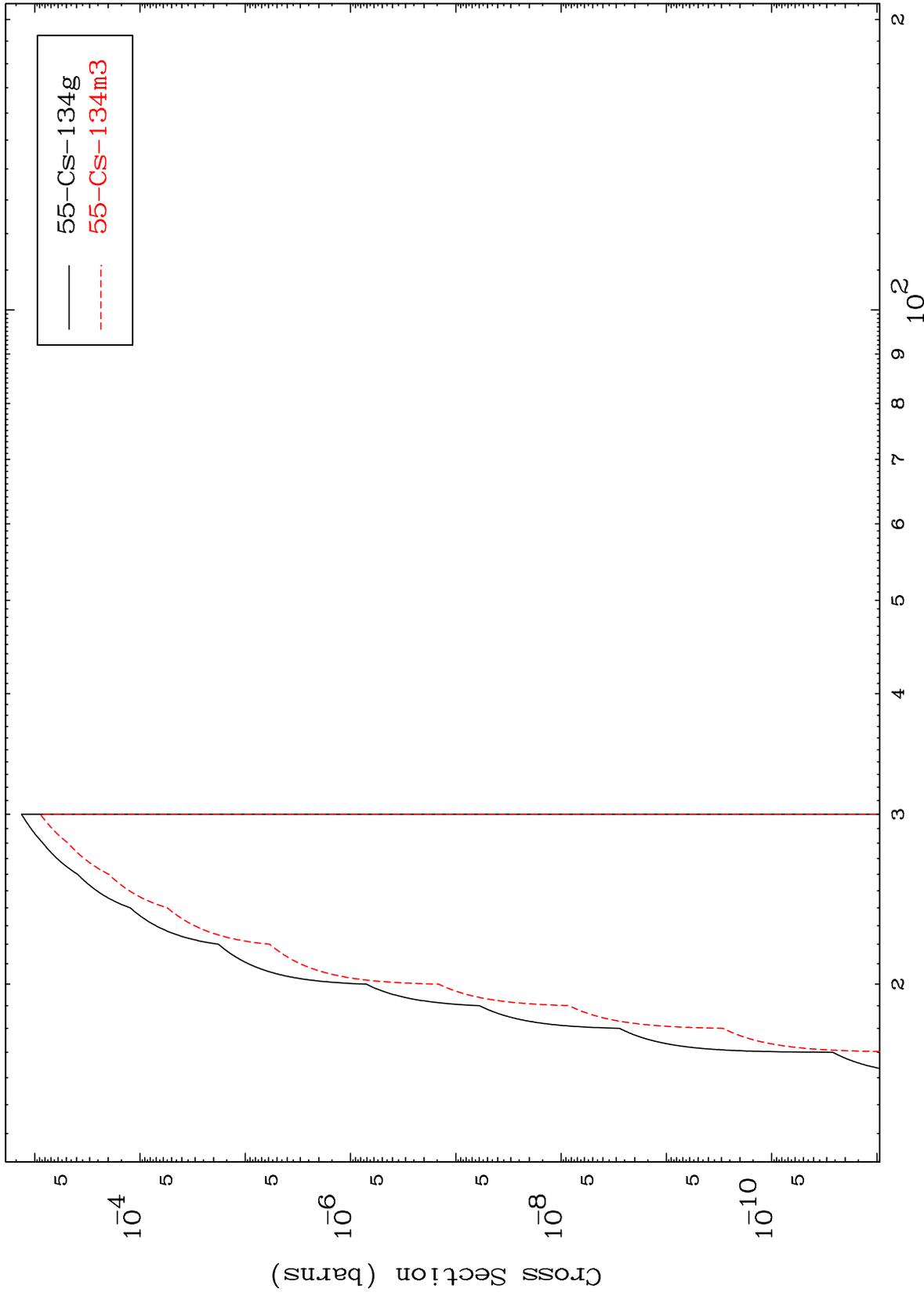
54-Xe-132

MAT 5449

( $\alpha, d$ )

54-Xe-132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

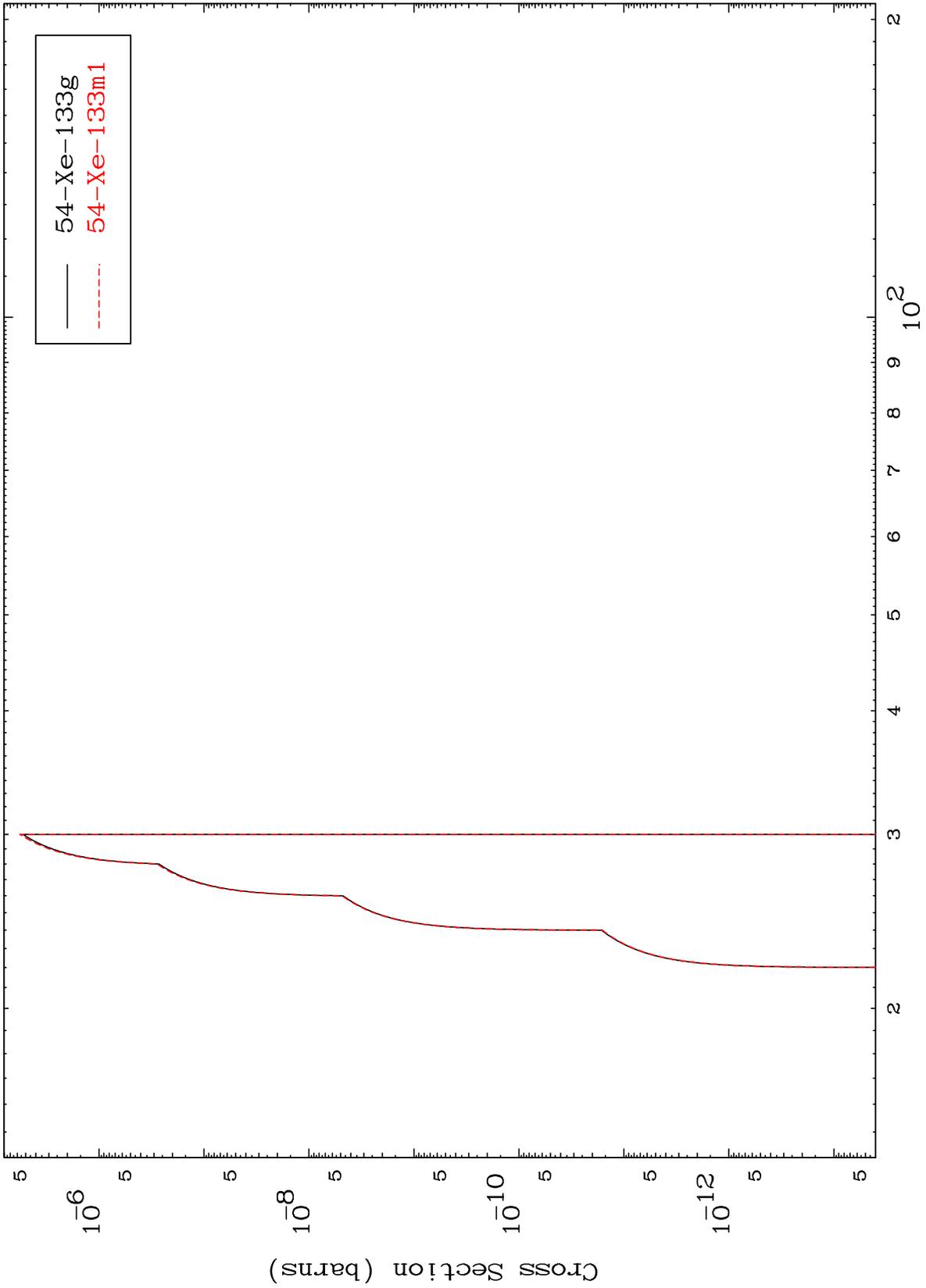
54-Xe-132

MAT 5449

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

54-Xe-132

Radionuclide Production Cross Section



18

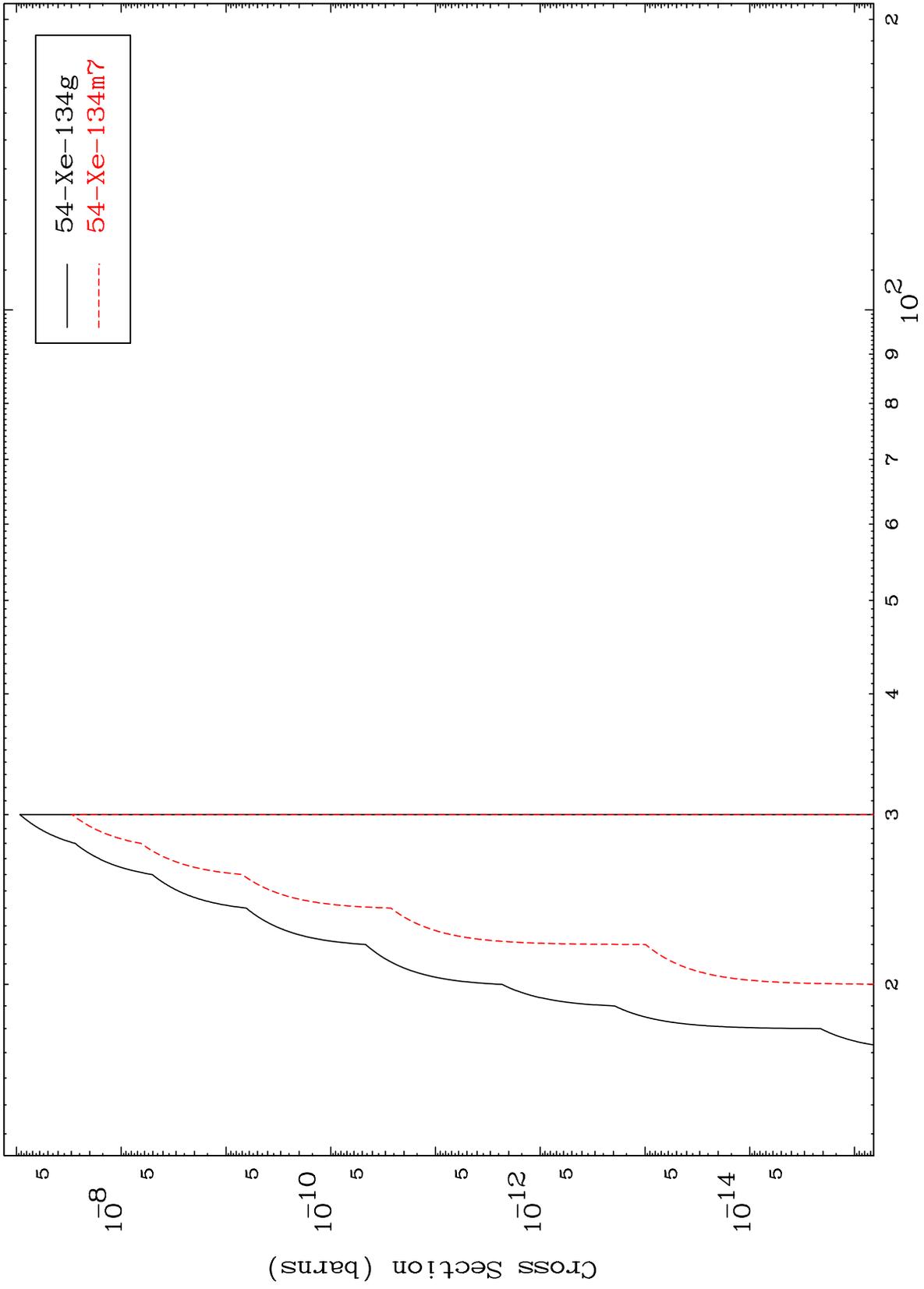
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

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



19

54-Xe-132