

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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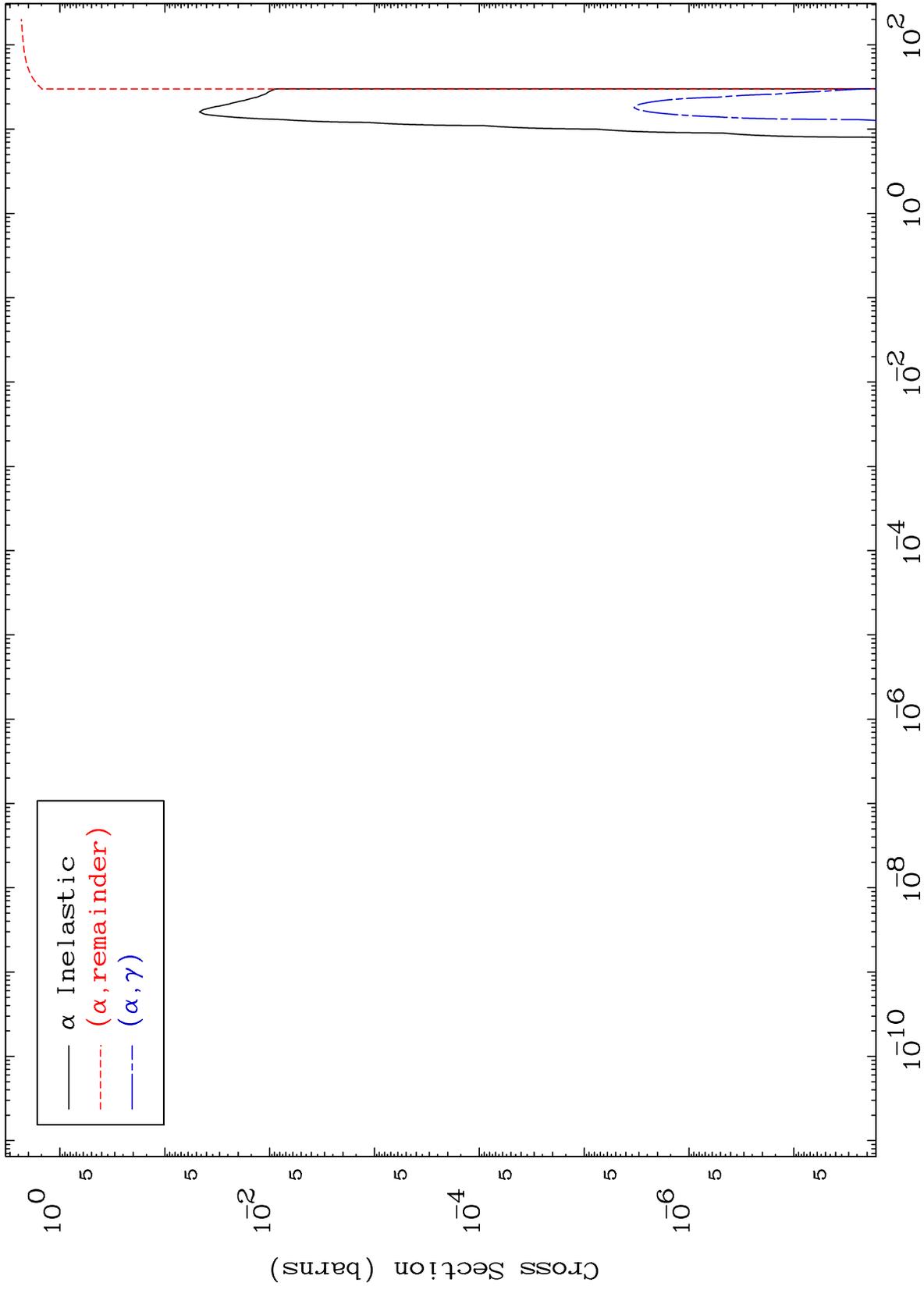
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5459

0 Kelvin  $\alpha$  Major

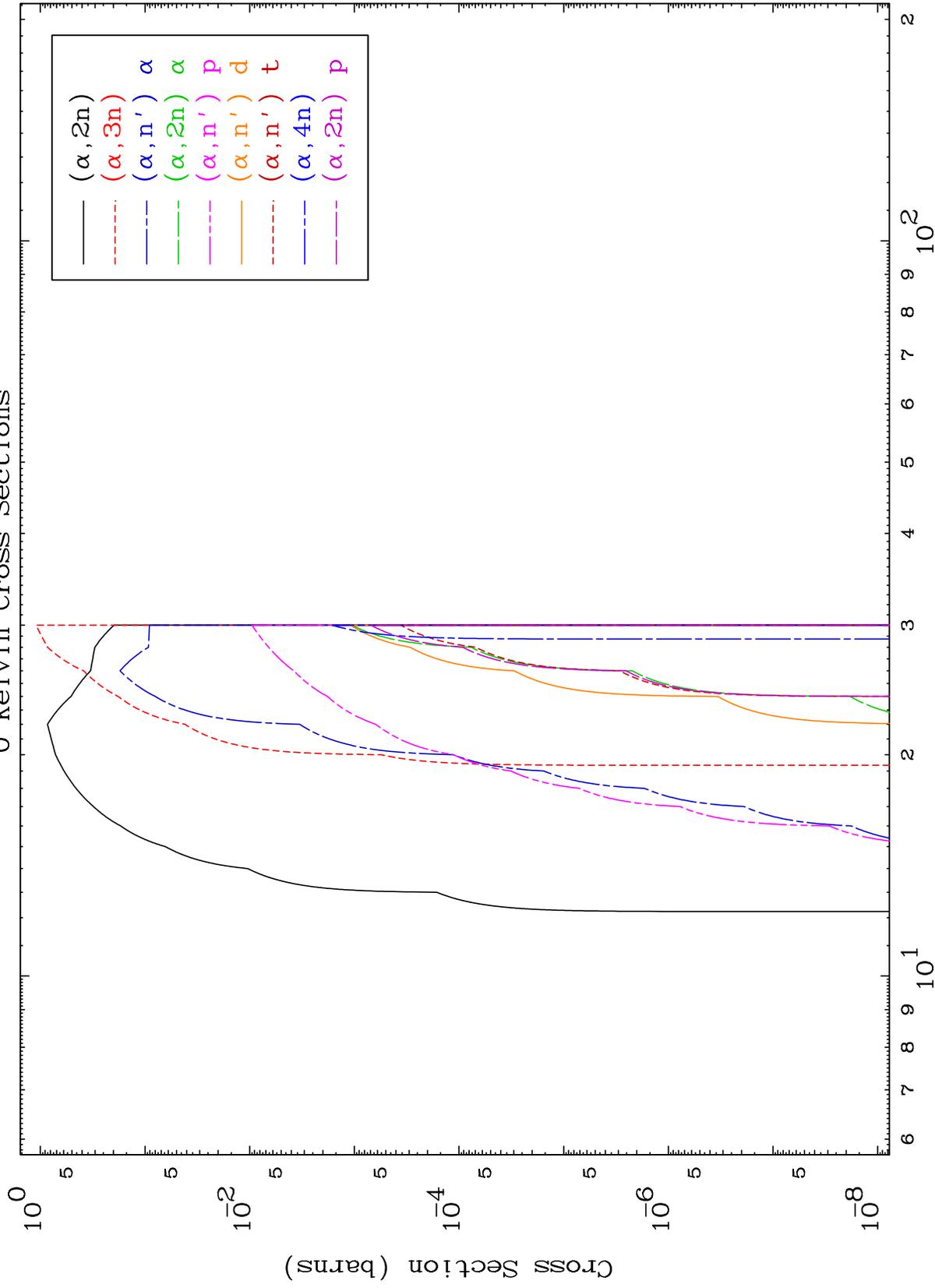
54-Xe-135



MAT 5459

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

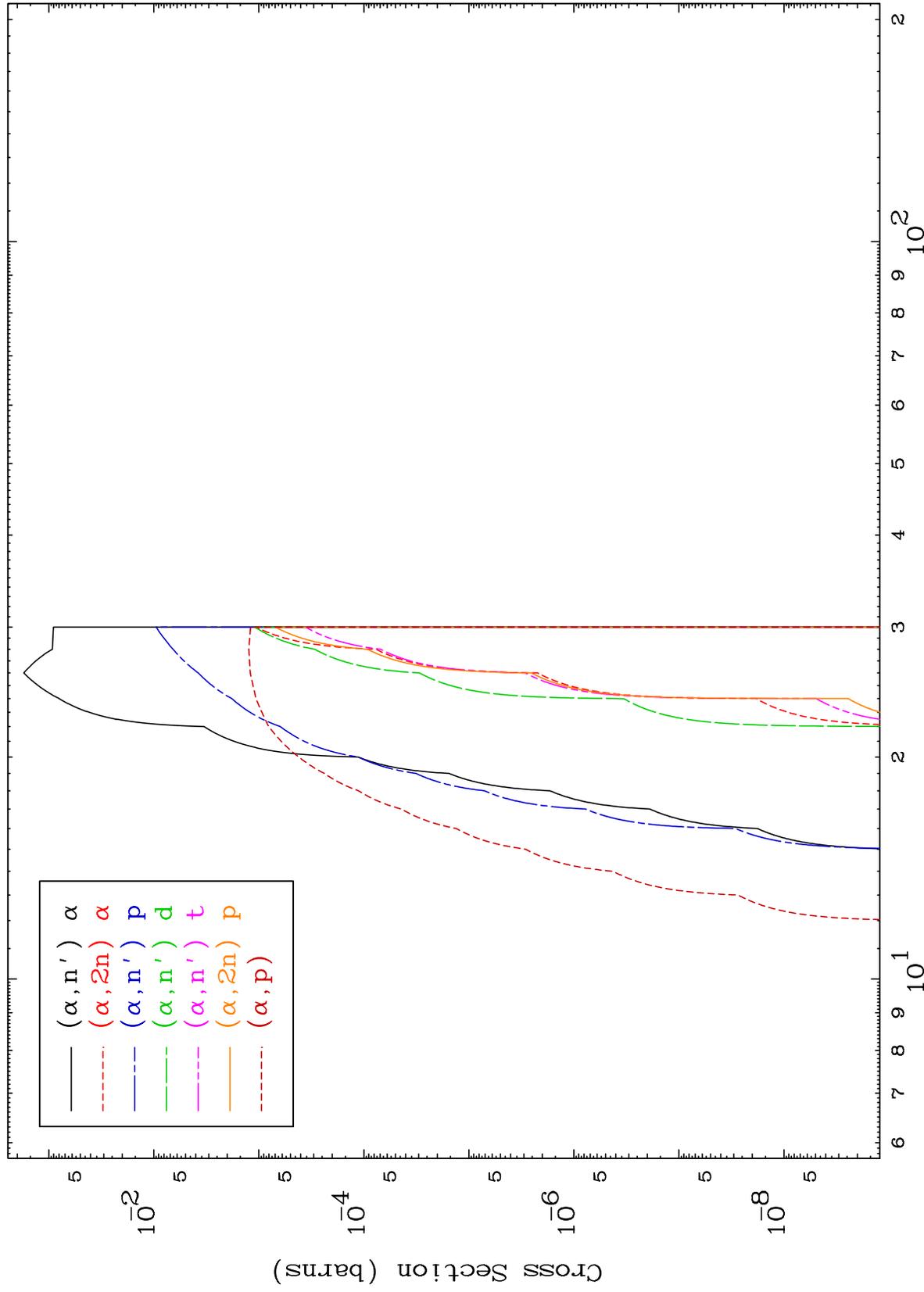
54-Xe-135



2

Incident Energy (MeV)

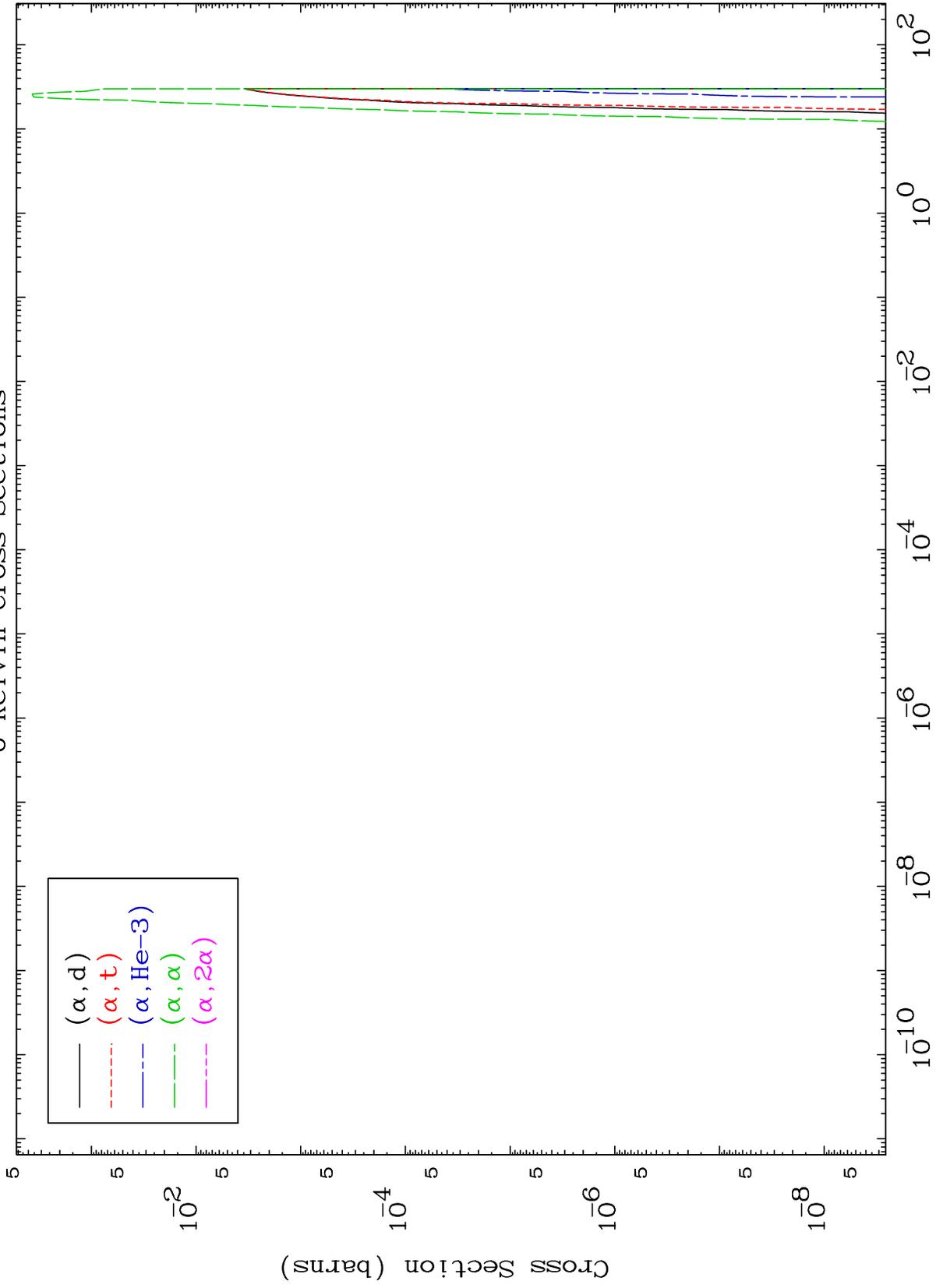
54-Xe-135



MAT 5459

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

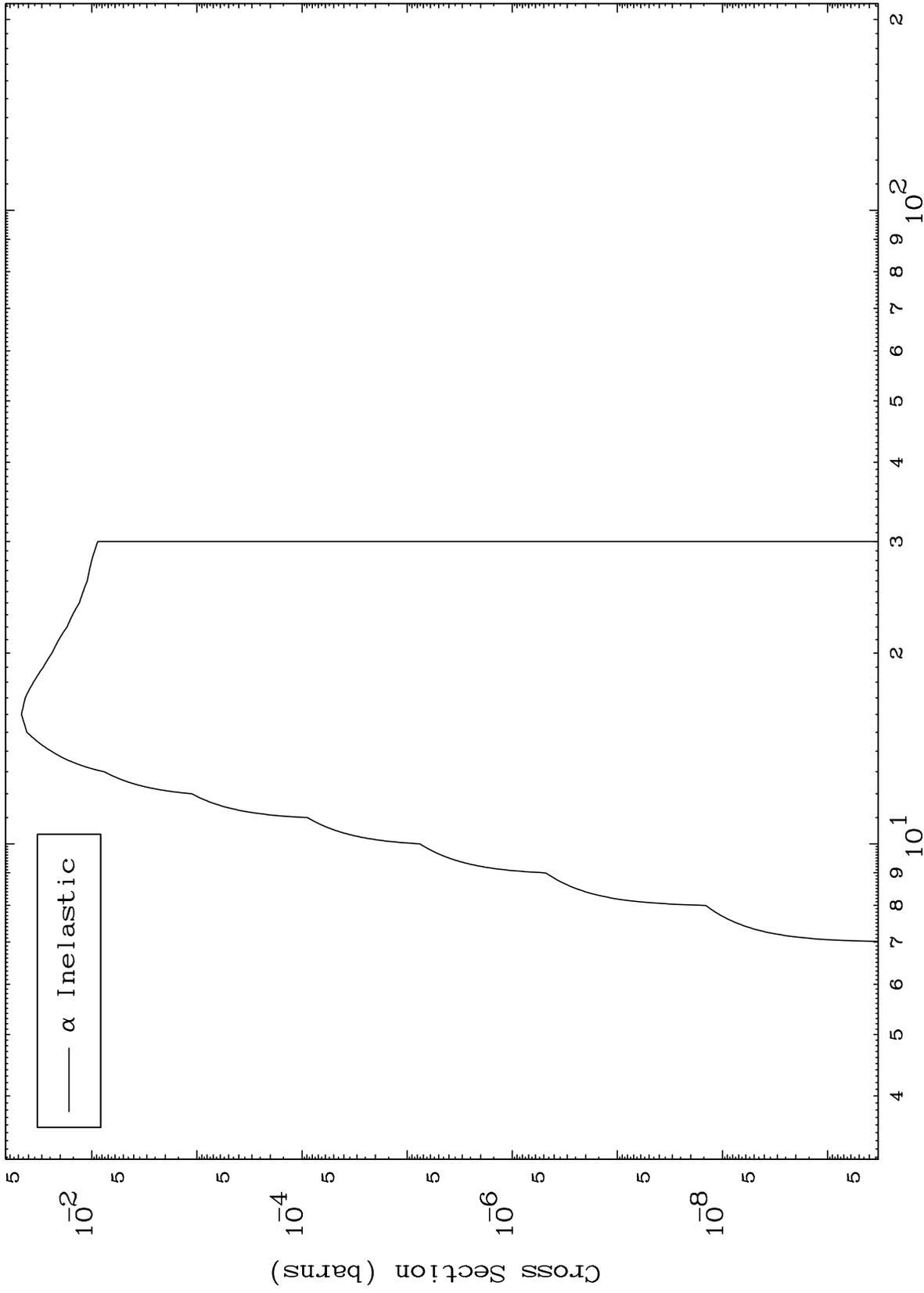
54-Xe-135



MAT 5459

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

54-Xe-135



5

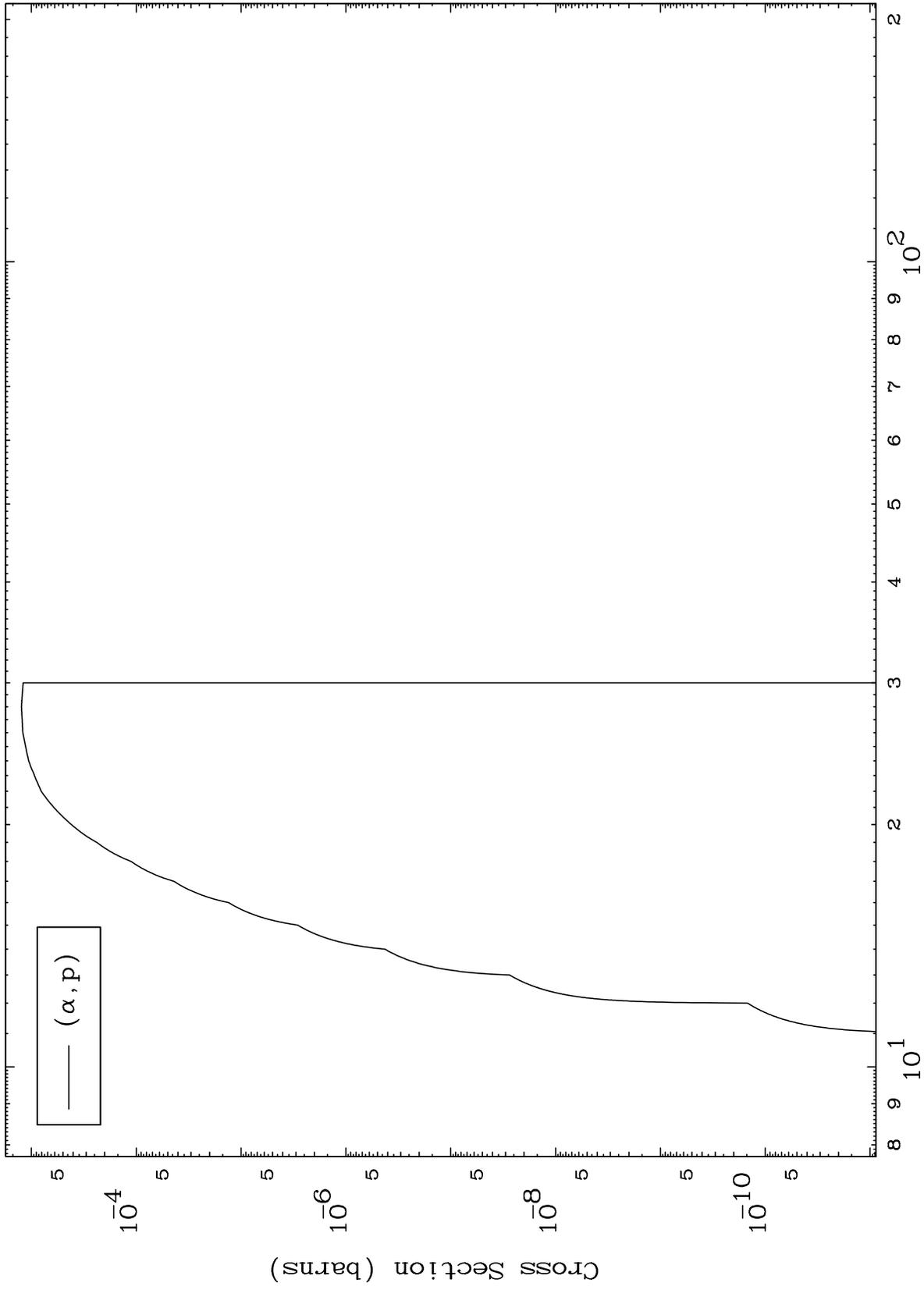
Incident Energy (MeV)

54-Xe-135

MAT 5459

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

54-Xe-135



6

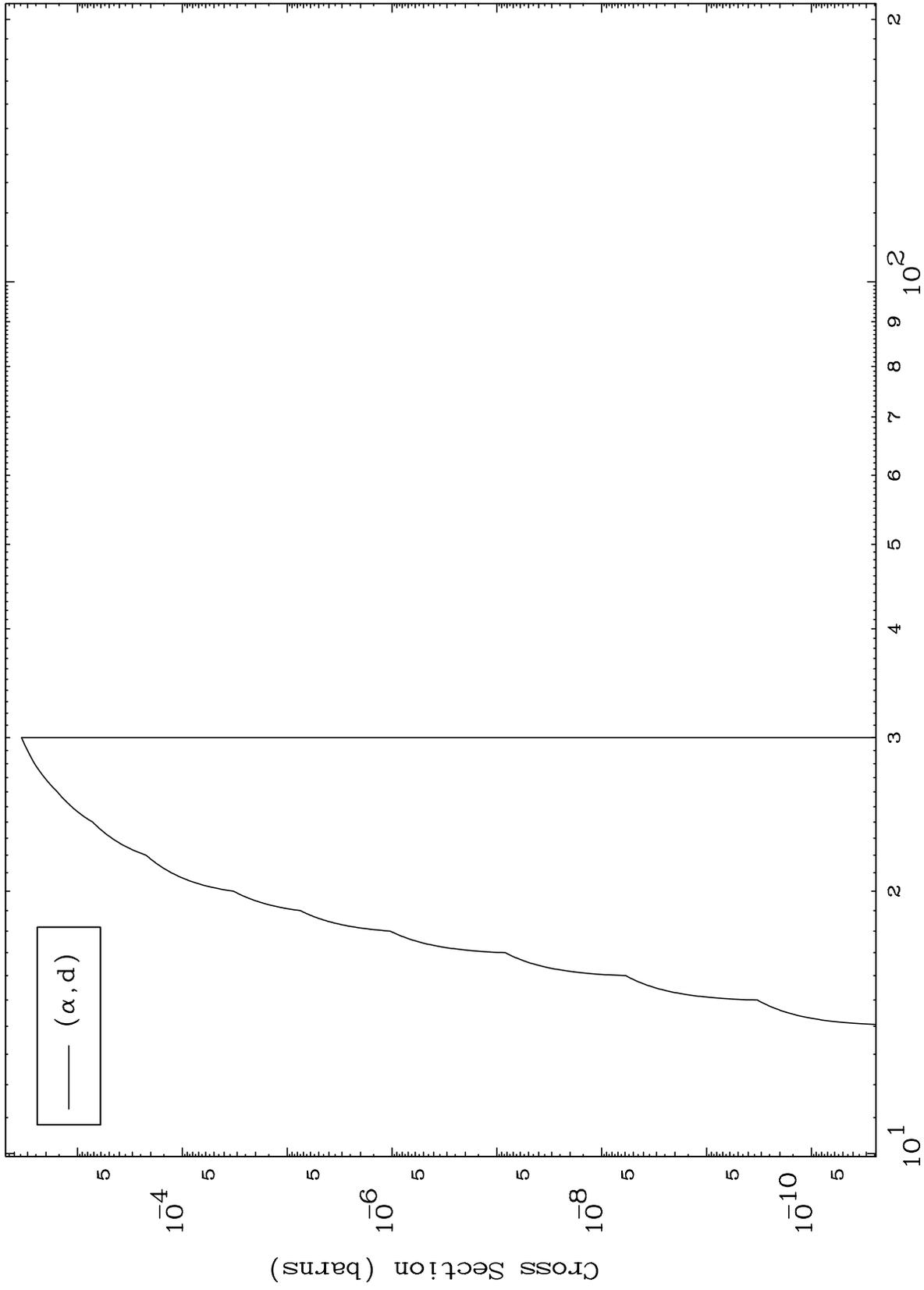
Incident Energy (MeV)

54-Xe-135

MAT 5459

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

54-Xe-135



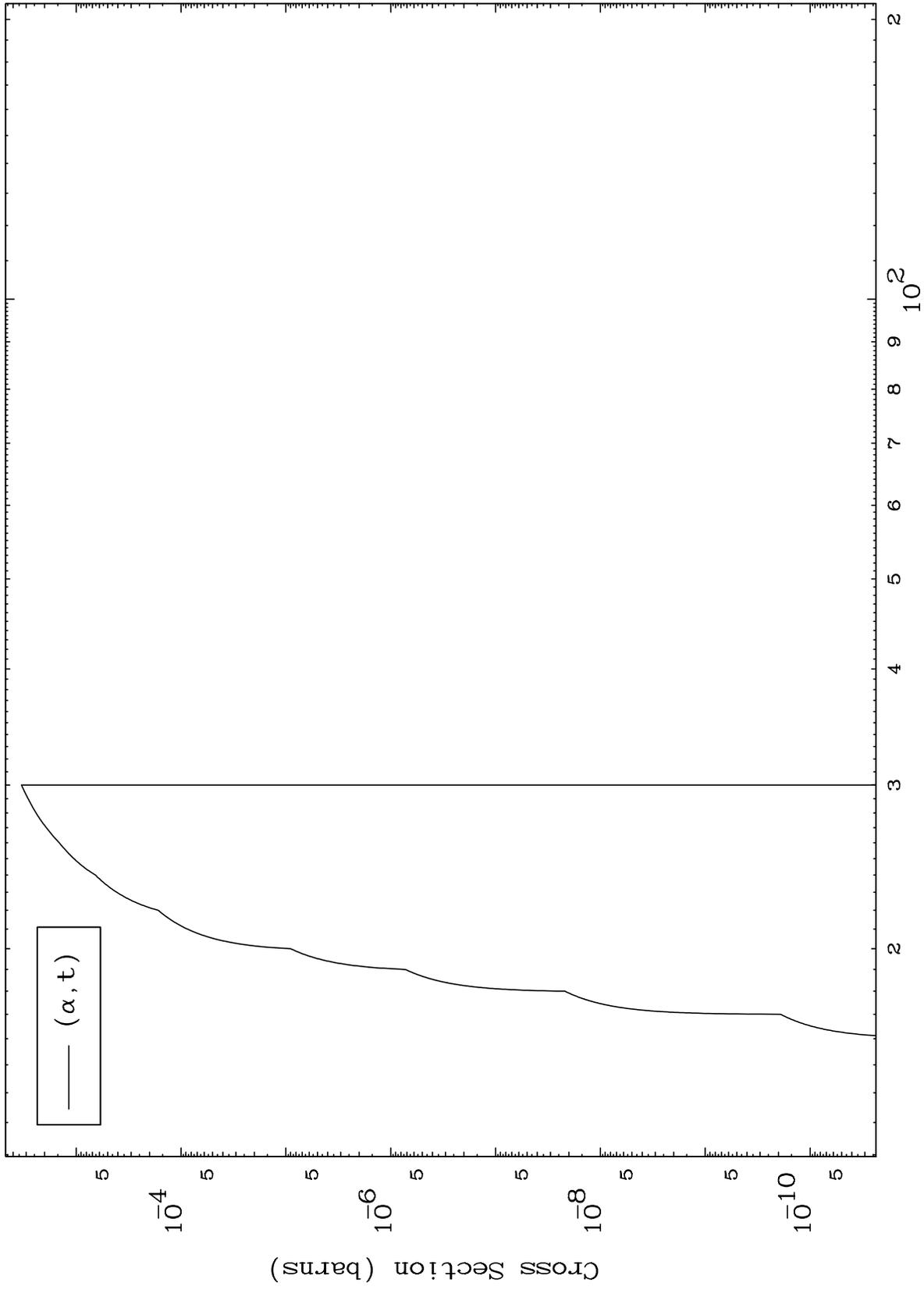
Incident Energy (MeV)

54-Xe-135

MAT 5459

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

54-Xe-135



8

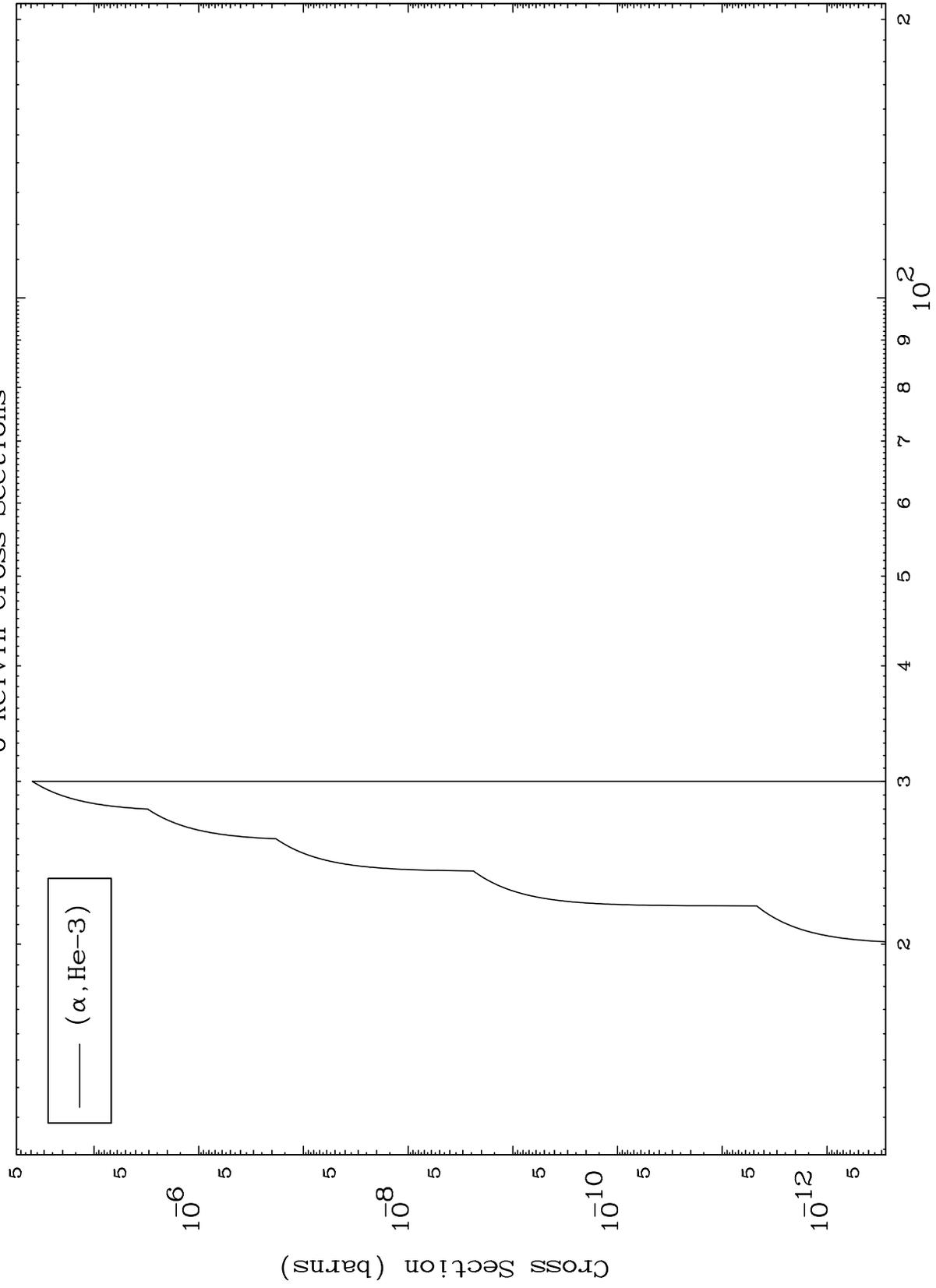
Incident Energy (MeV)

54-Xe-135

MAT 5459

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

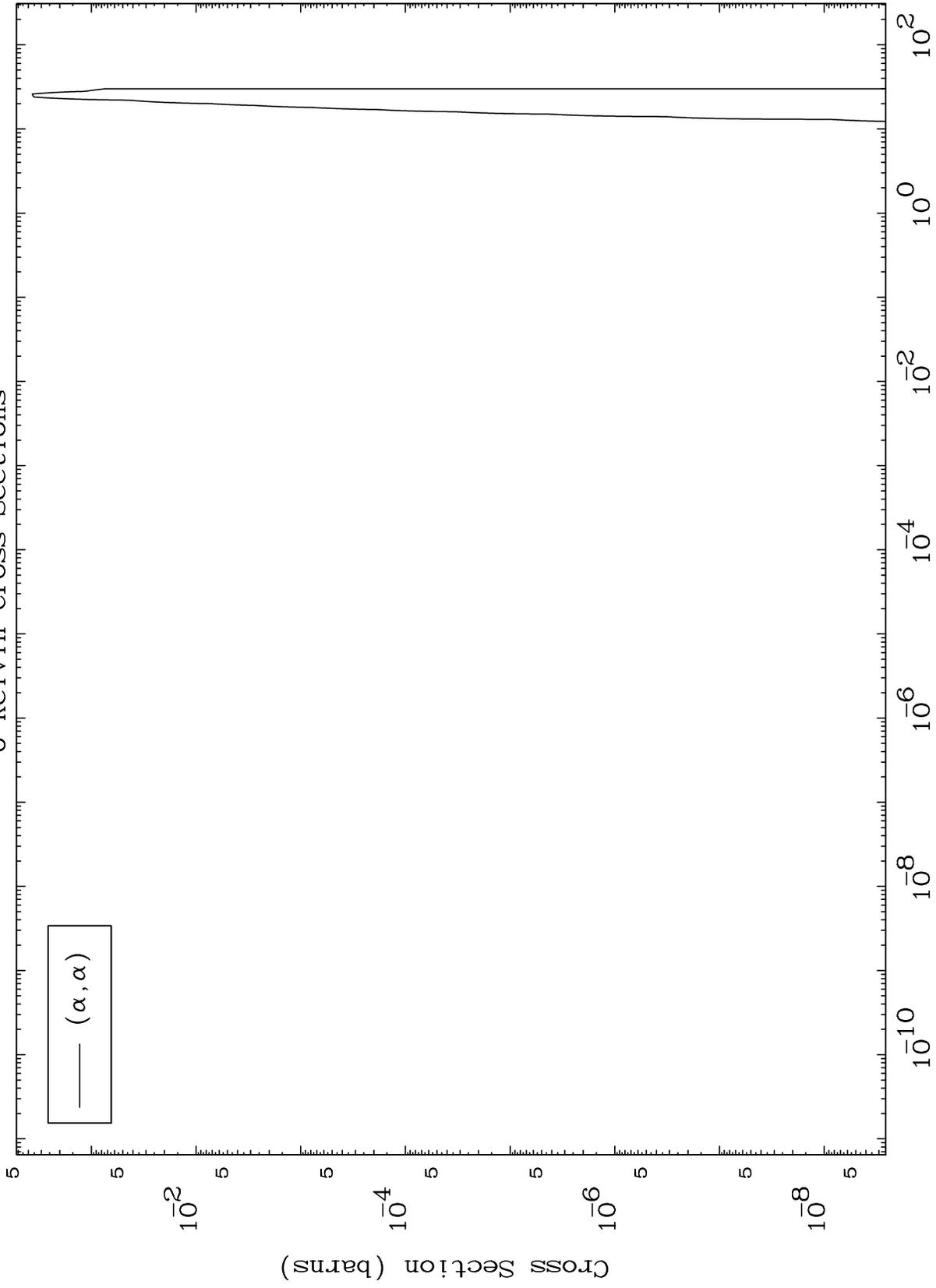
54-Xe-135



MAT 5459

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

54-Xe-135



10

Incident Energy (MeV)

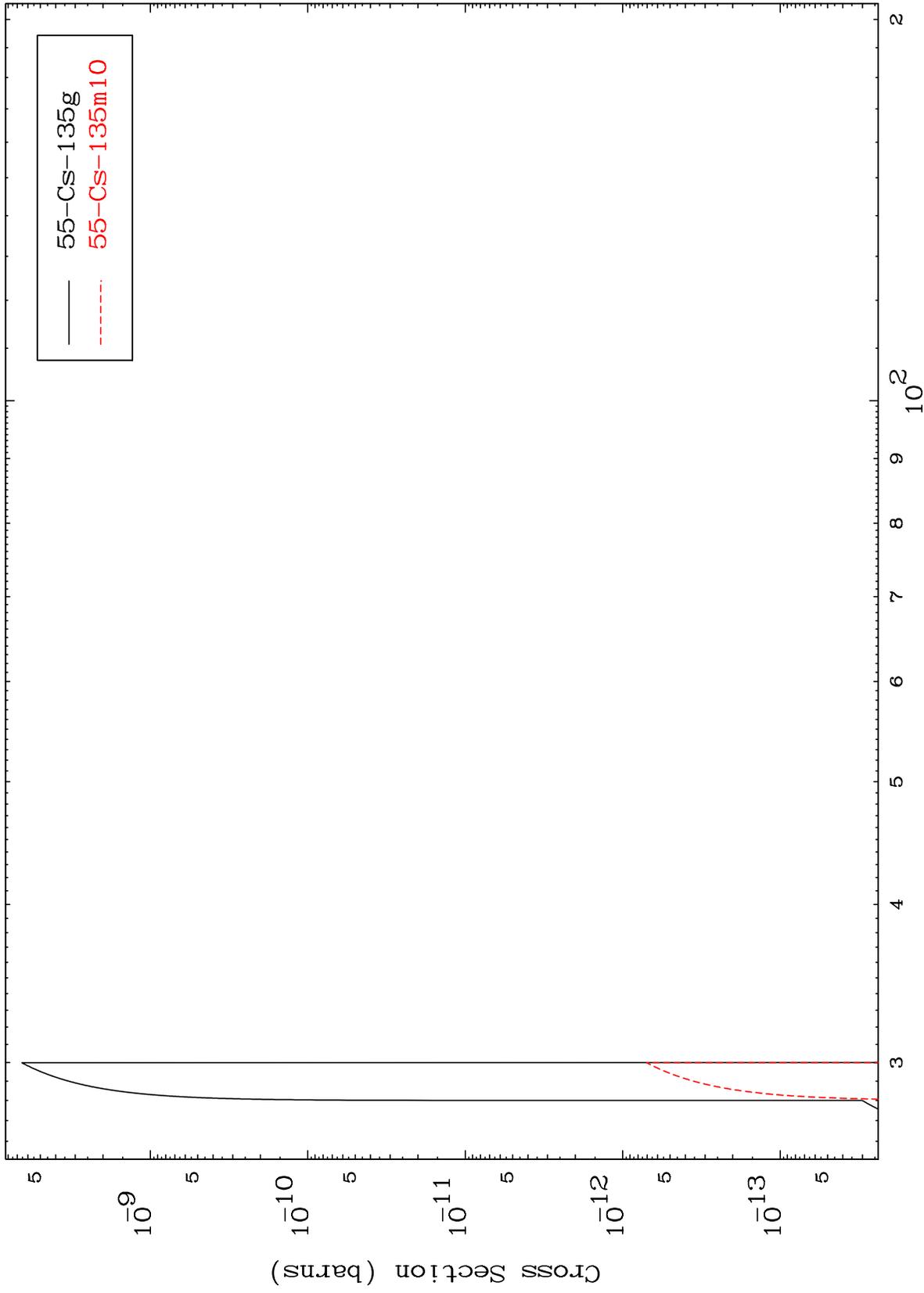
54-Xe-135

MAT 5459

( $\alpha, 2n$ ) d

54-Xe-135

Radionuclide Production Cross Section



11

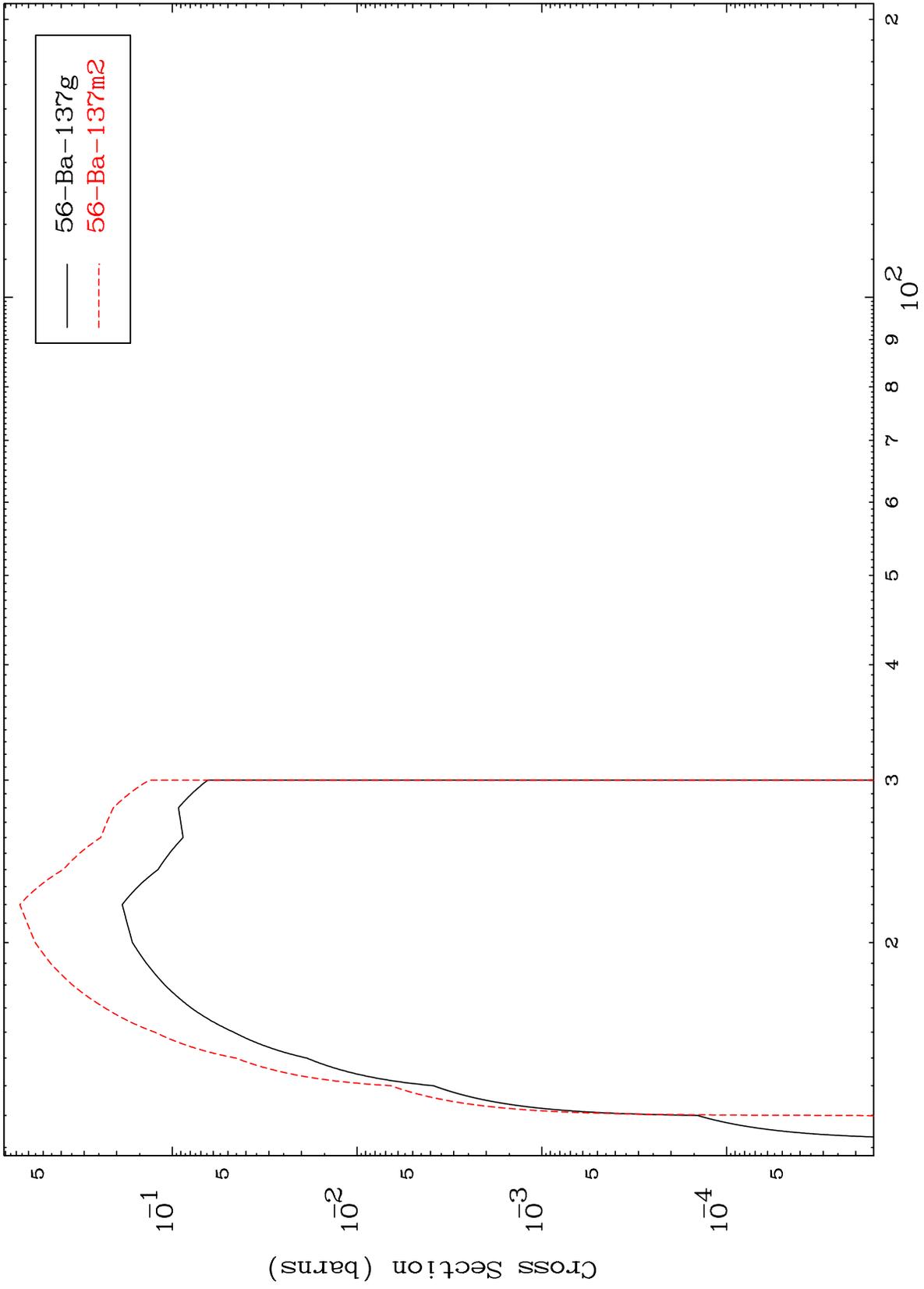
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

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



12

Incident Energy (MeV)

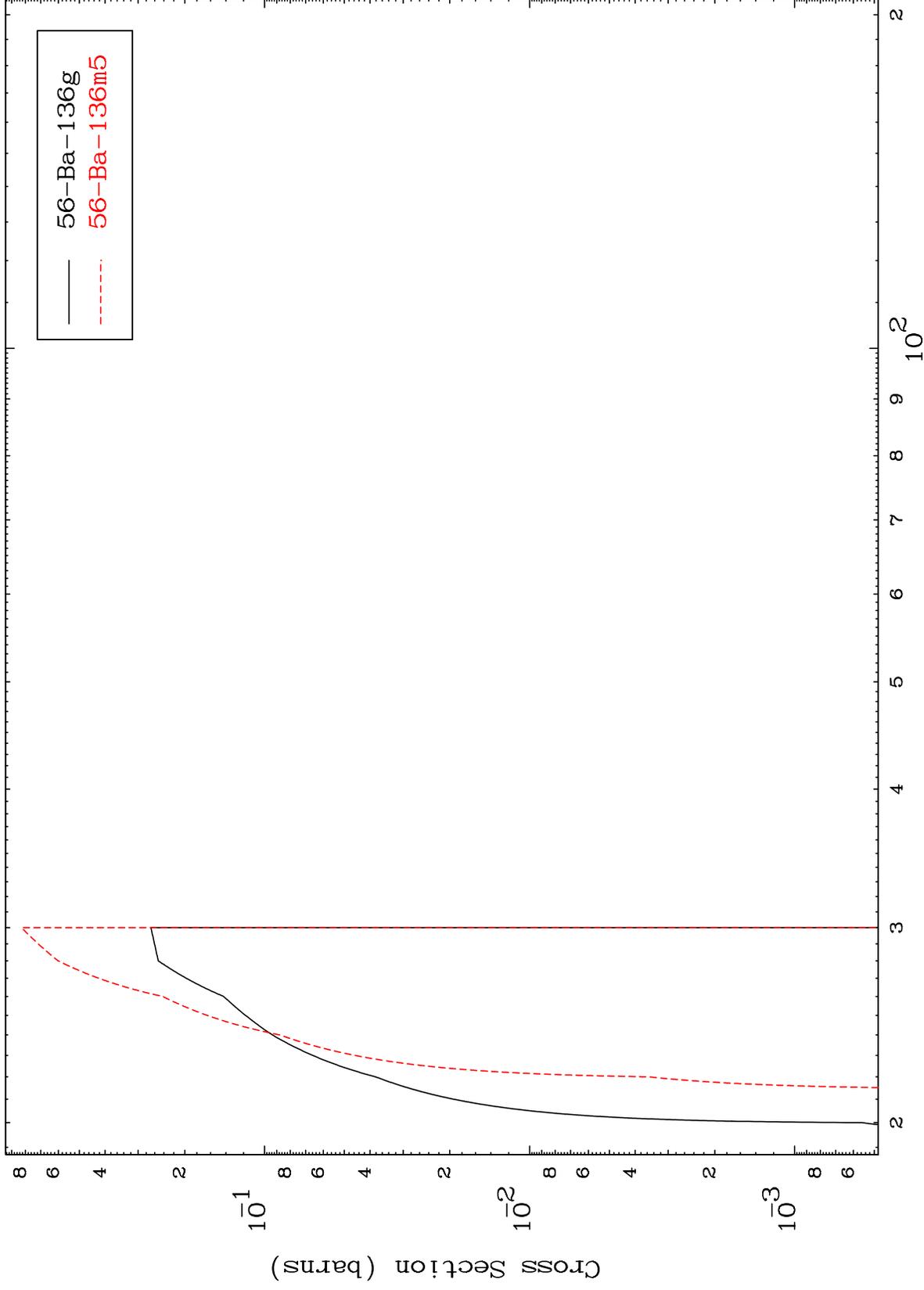
54-Xe-135

MAT 5459

( $\alpha, 3n$ )

54-Xe-135

Radionuclide Production Cross Section



13

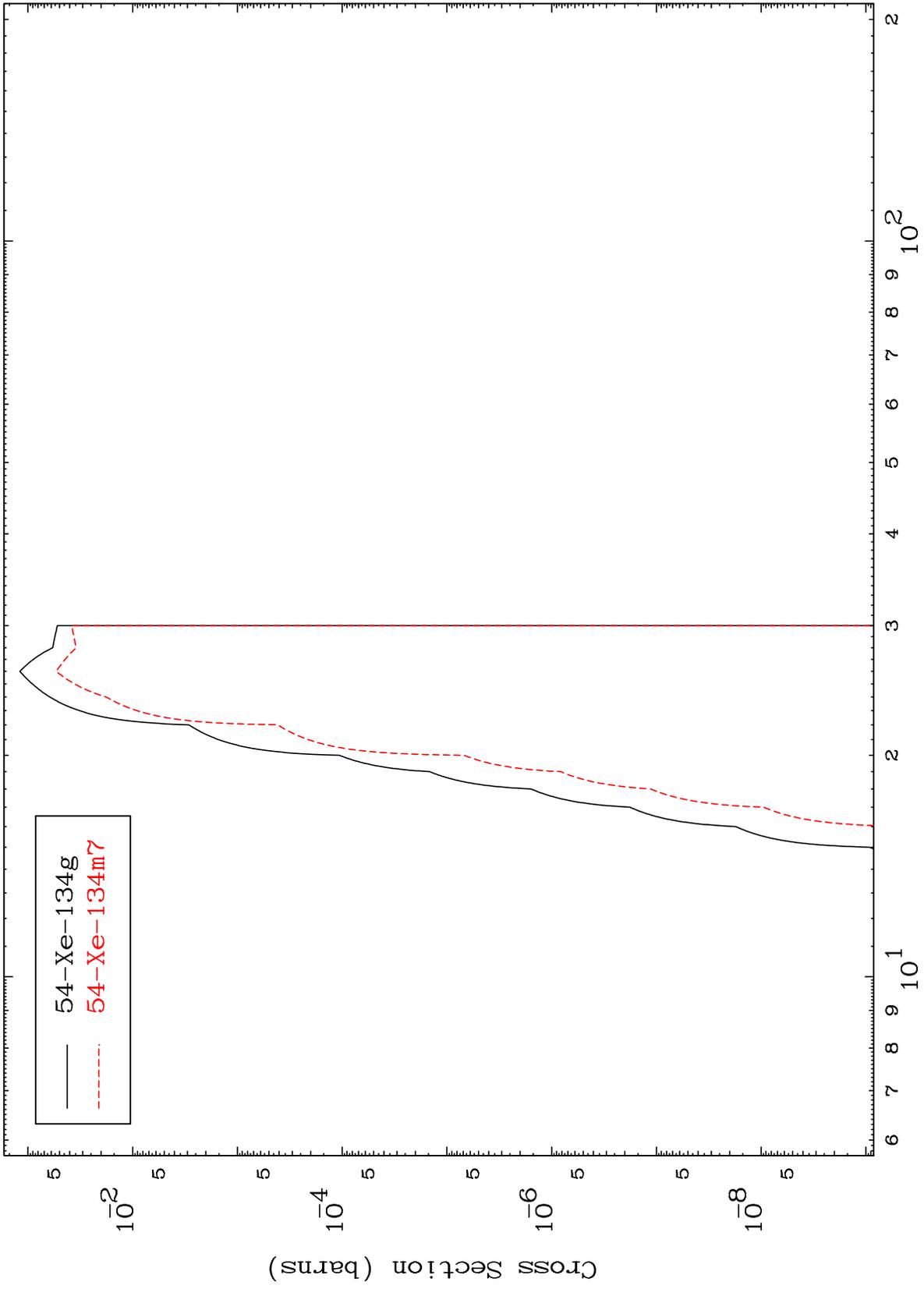
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

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



14

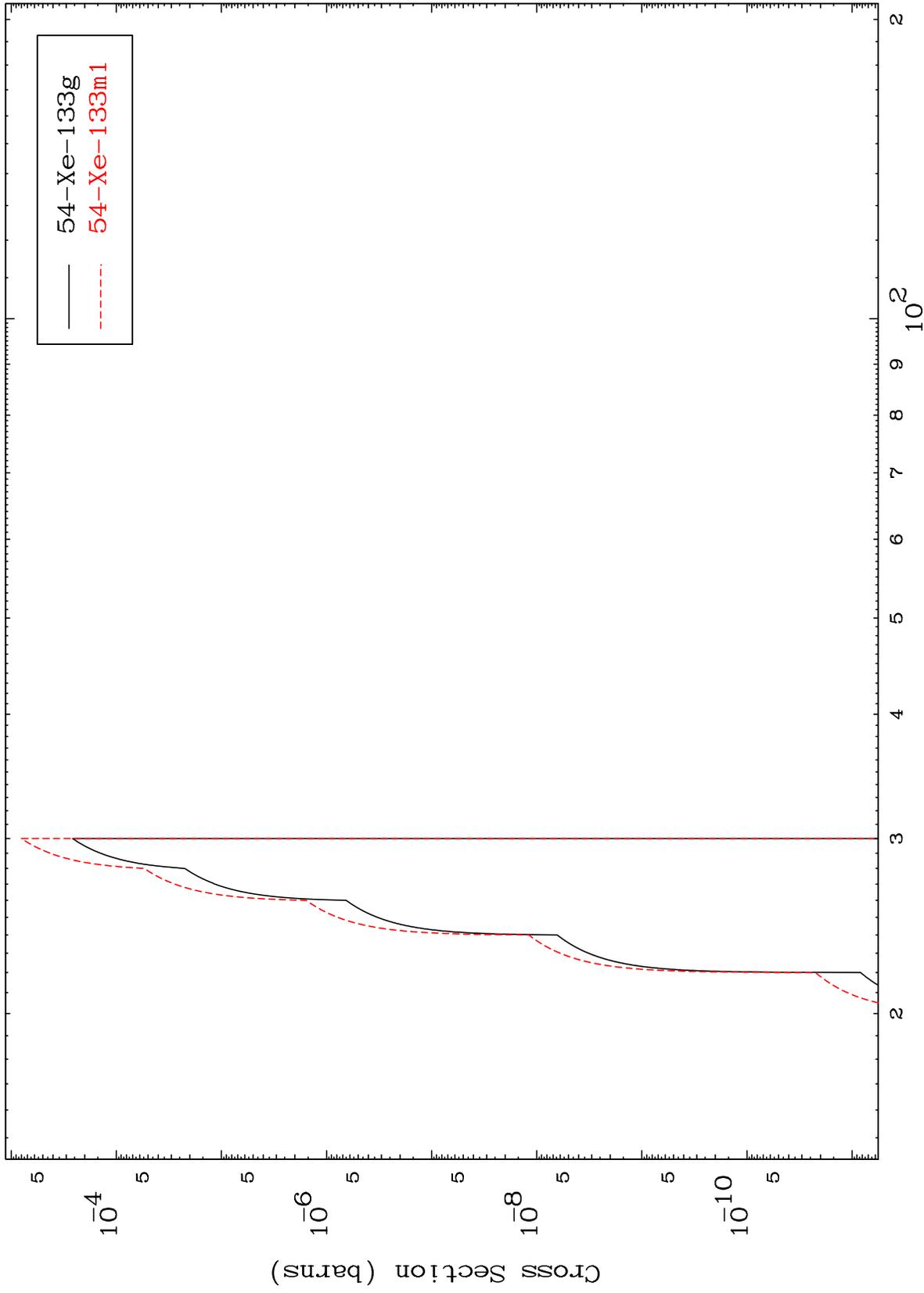
54-Xe-135

MAT 5459

$(\alpha, 2n) \alpha$

54-Xe-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

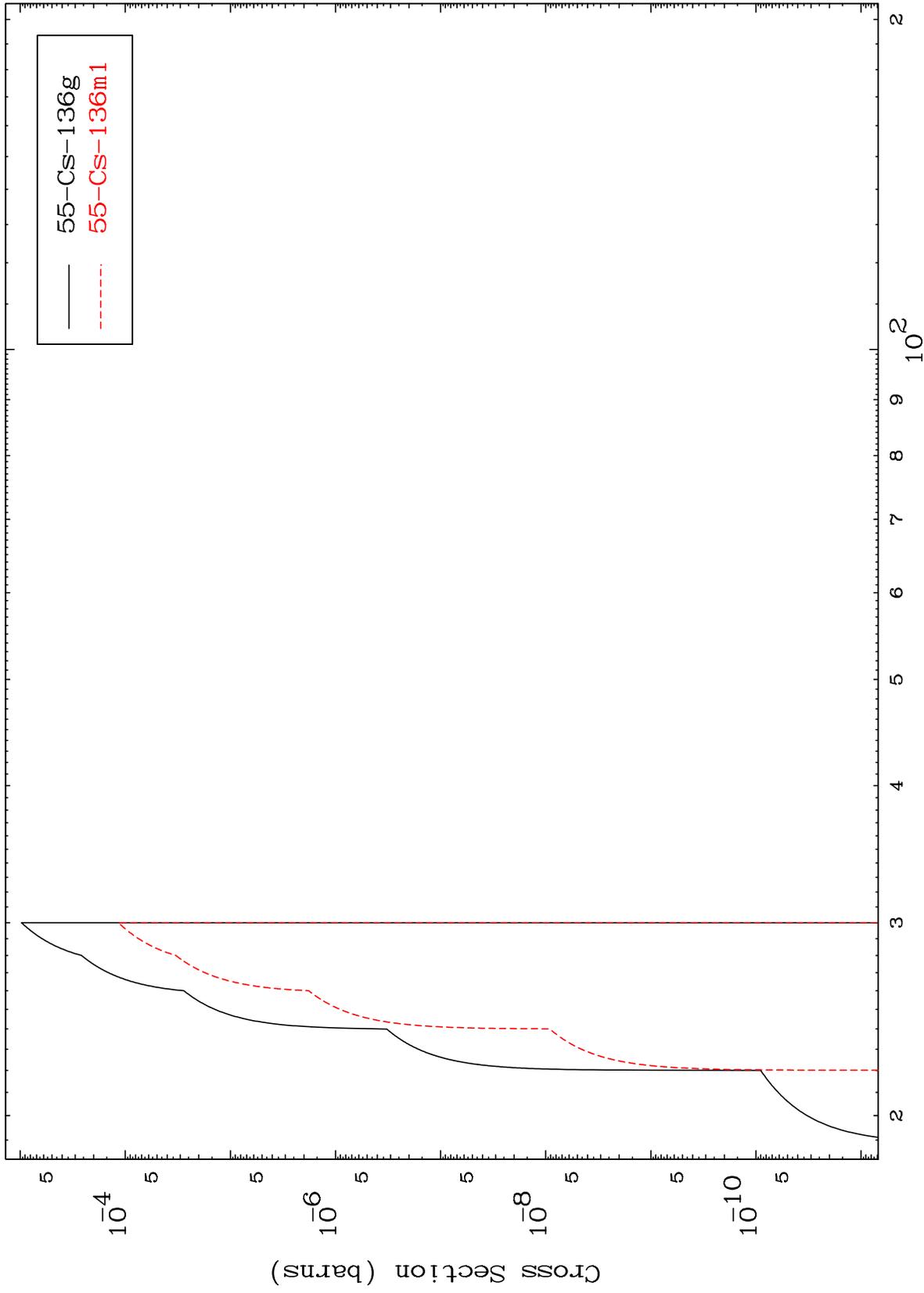
54-Xe-135

MAT 5459

( $\alpha, n'$ ) d

54-Xe-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

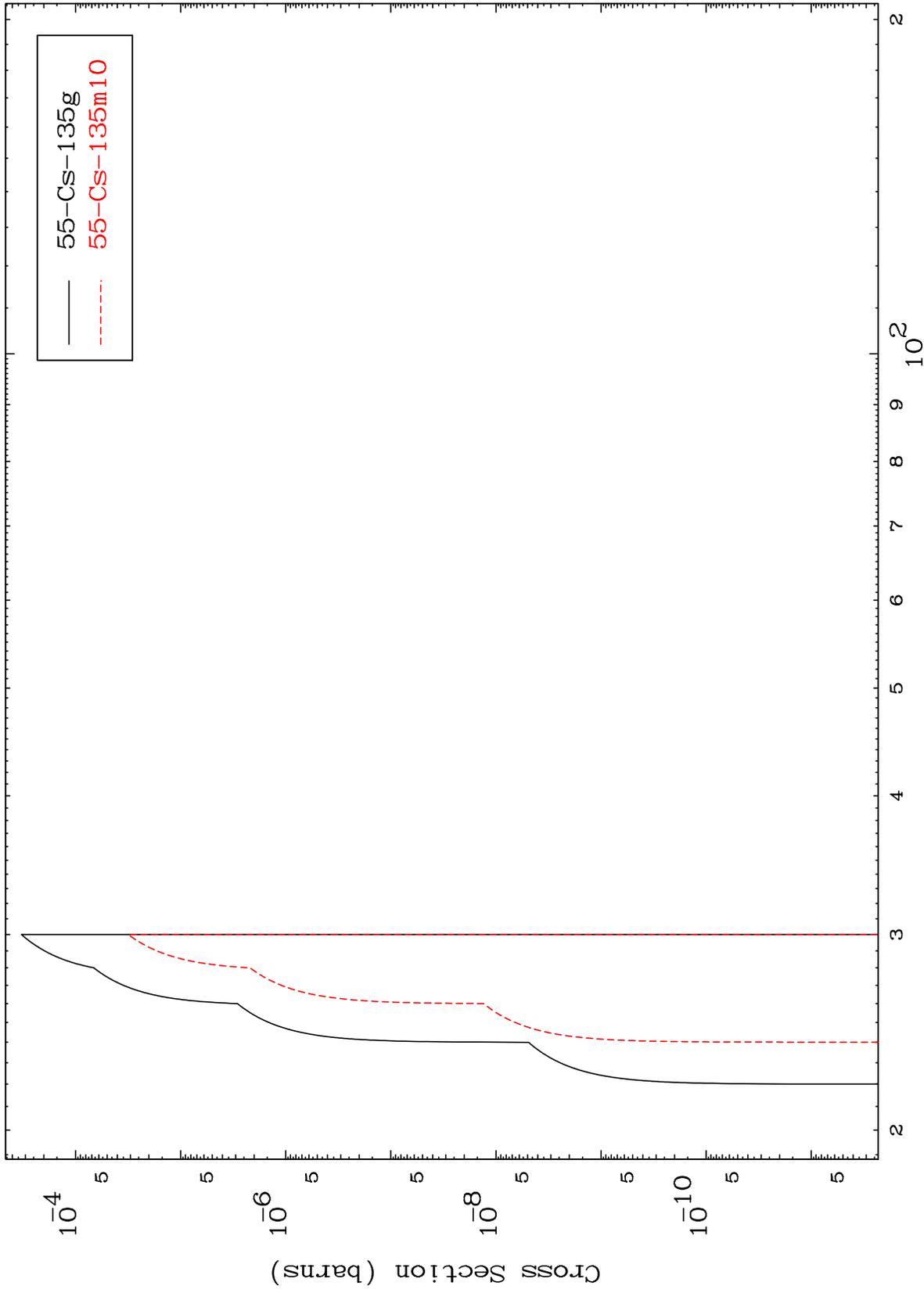
54-Xe-135

MAT 5459

( $\alpha, n'$ ) t

54-Xe-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

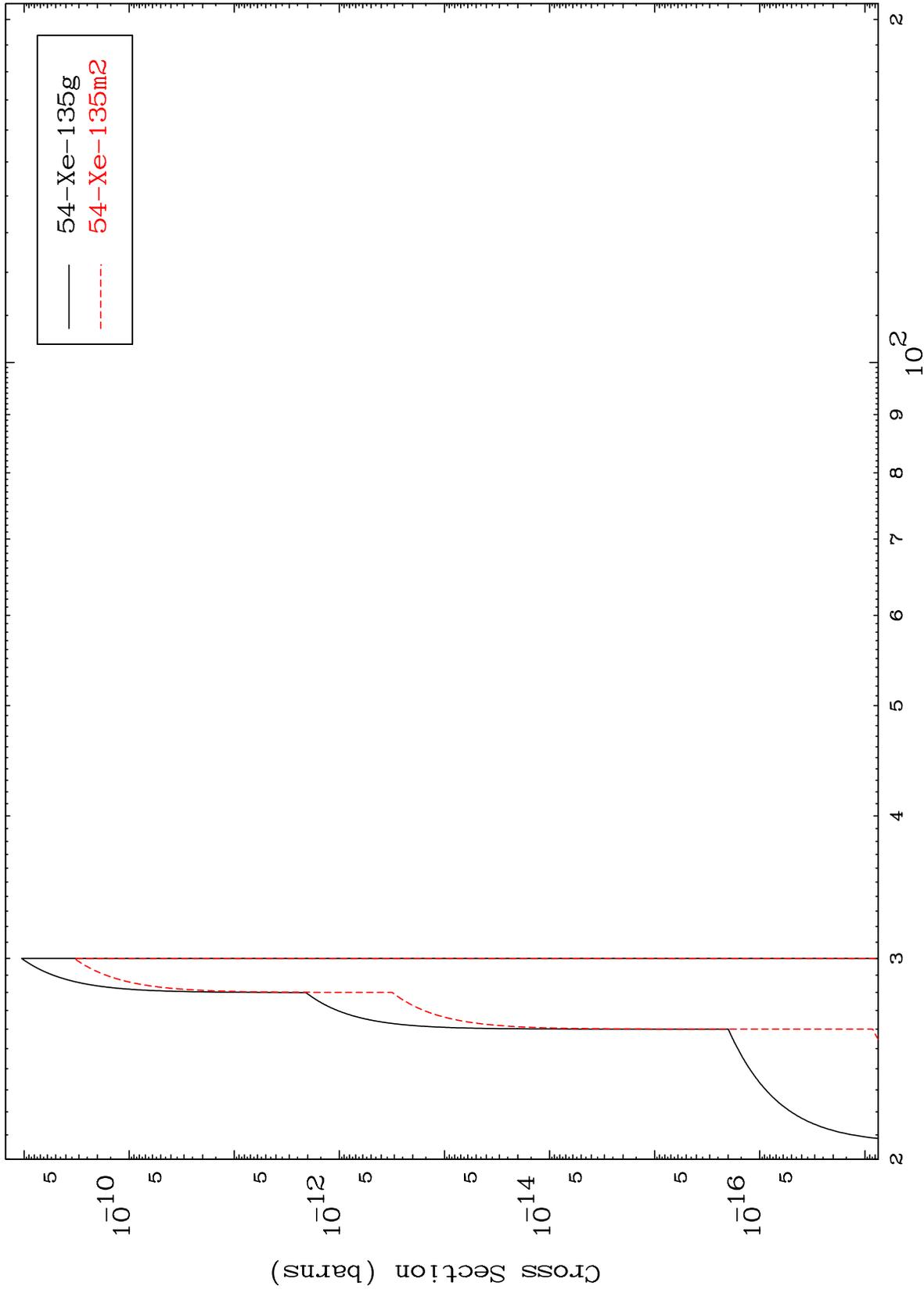
54-Xe-135

MAT 5459

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

54-Xe-135

Radionuclide Production Cross Section



18

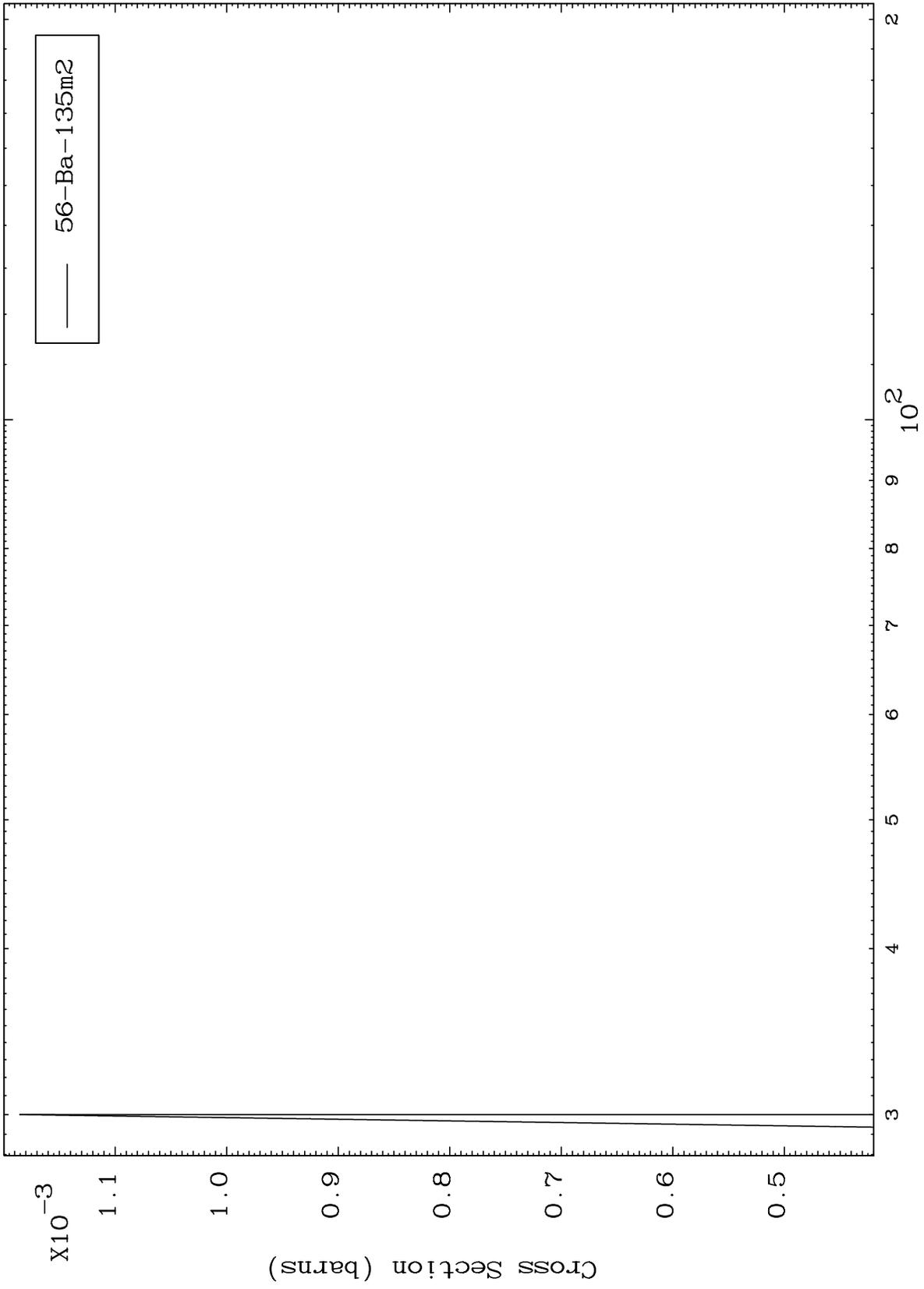
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

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



19

Incident Energy (MeV)

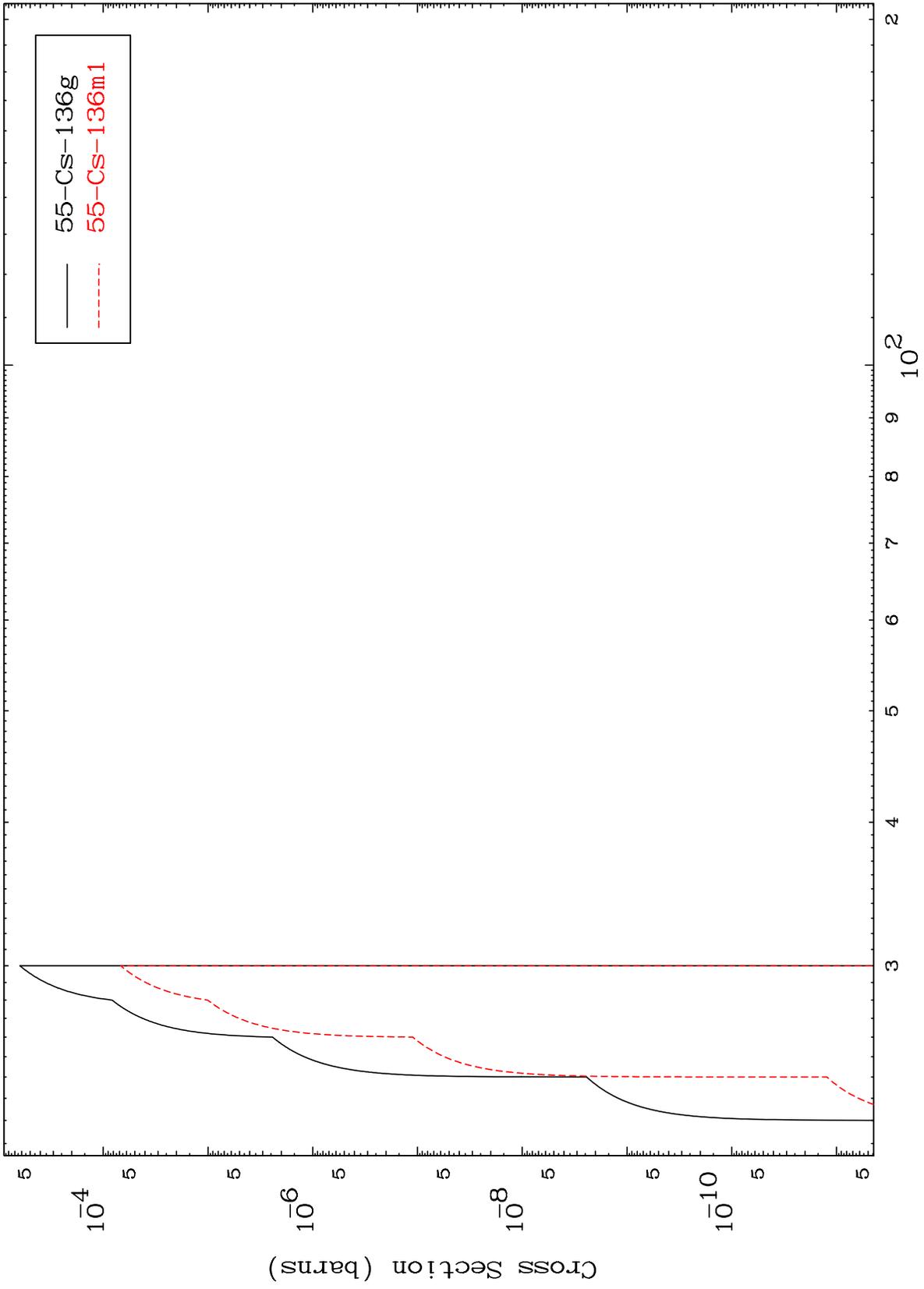
54-Xe-135

MAT 5459

( $\alpha, 2n$ ) p

54-Xe-135

Radionuclide Production Cross Section



20

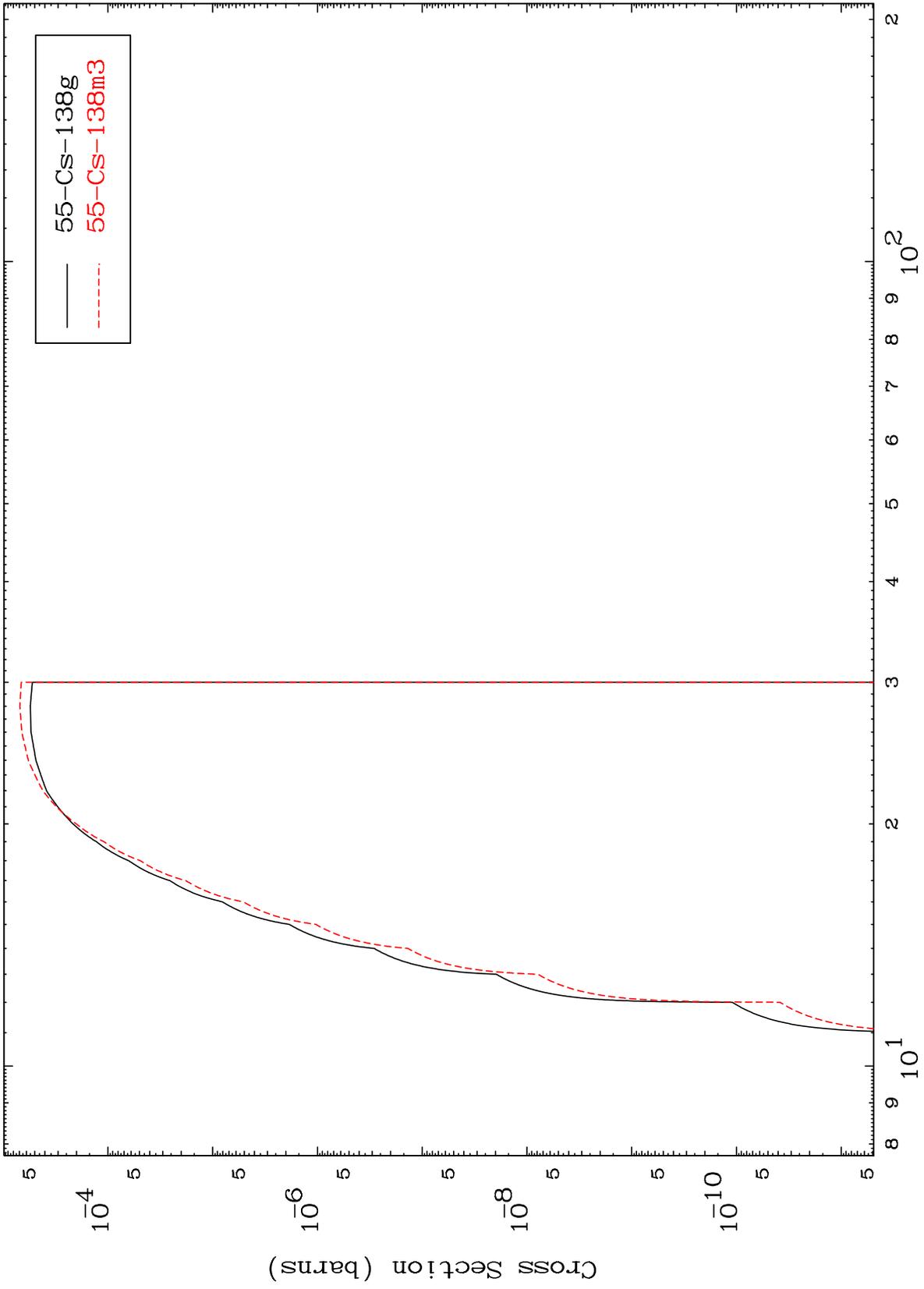
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

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



21

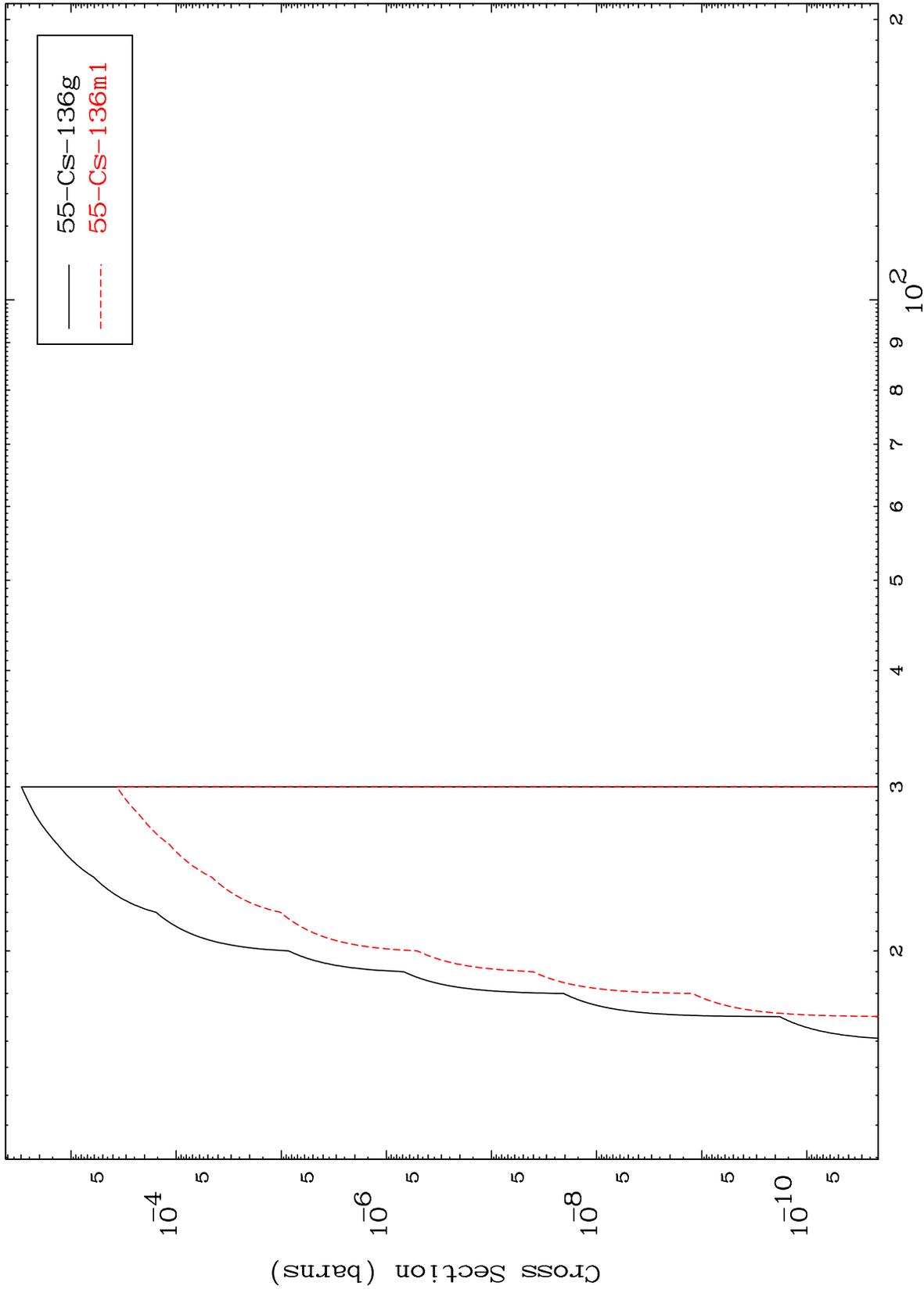
54-Xe-135

MAT 5459

( $\alpha, t$ )

54-Xe-135

Radionuclide Production Cross Section



22

Incident Energy (MeV)

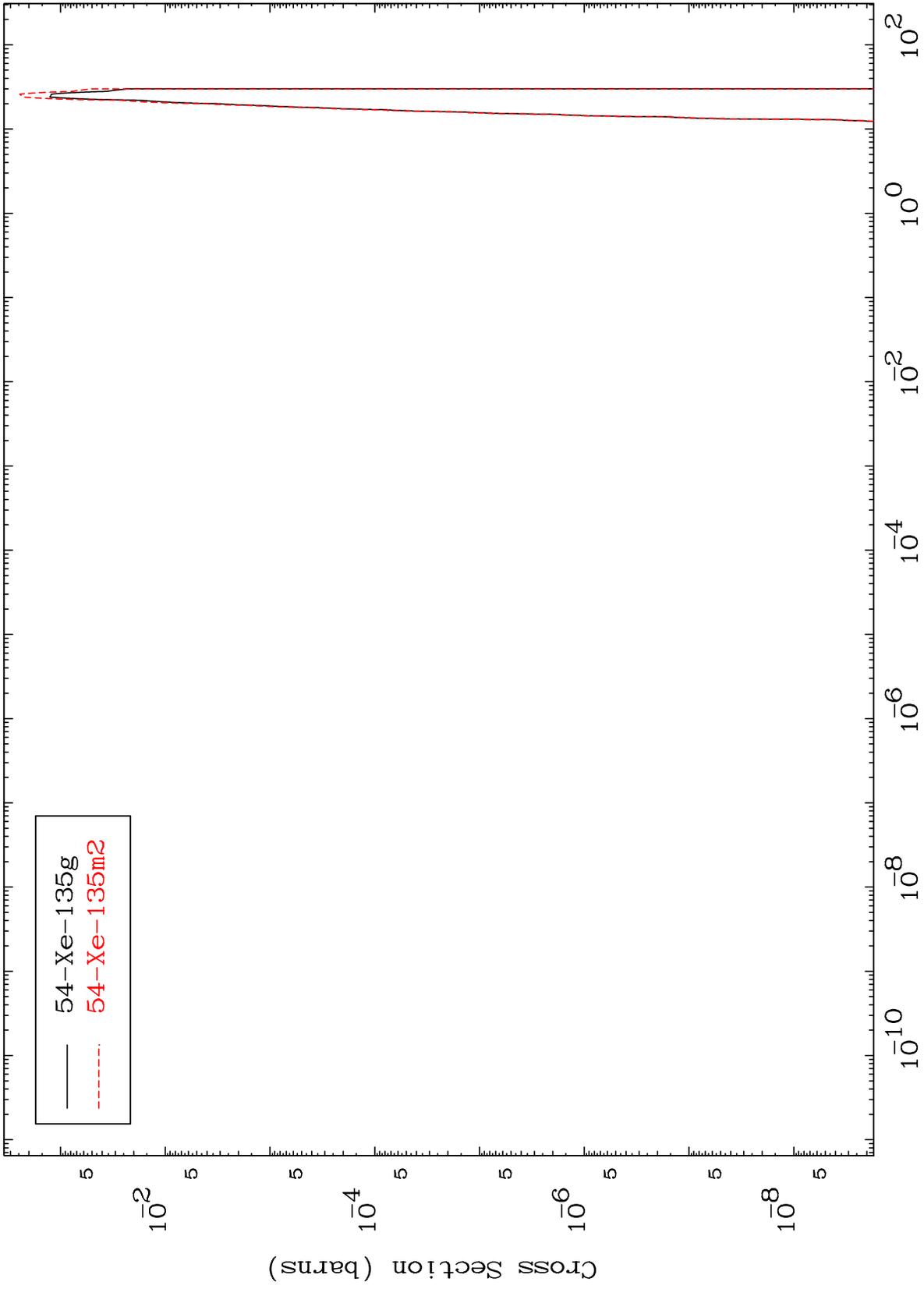
54-Xe-135

MAT 5459

( $\alpha, \alpha$ )

54-Xe-135

Radionuclide Production Cross Section



23

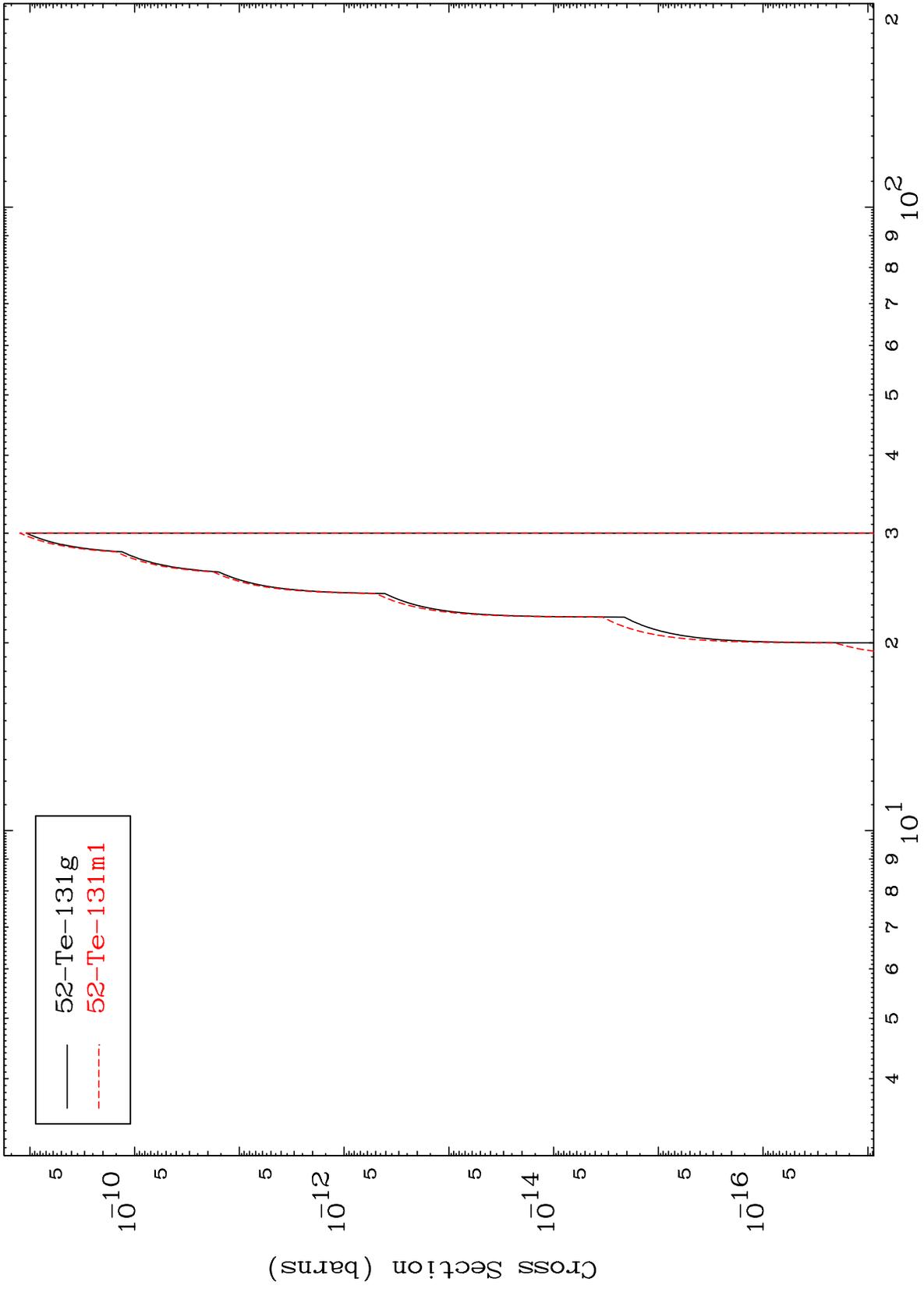
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

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



24

54-Xe-135

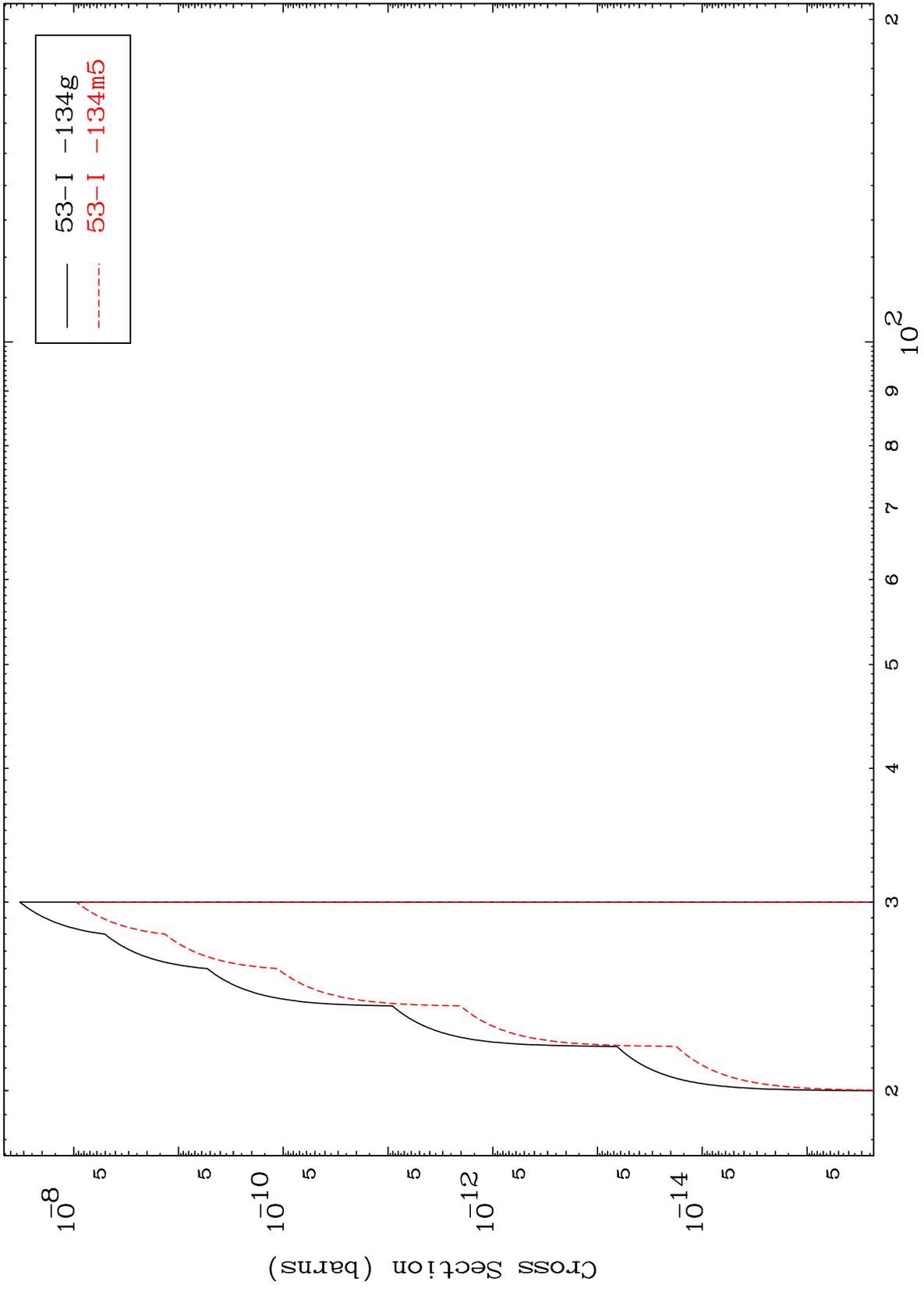
Incident Energy (MeV)

MAT 5459

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

54-Xe-135

Radionuclide Production Cross Section



25

Incident Energy (MeV)

54-Xe-135