

Program EVALPLOT  
(Version 2018-1)

by

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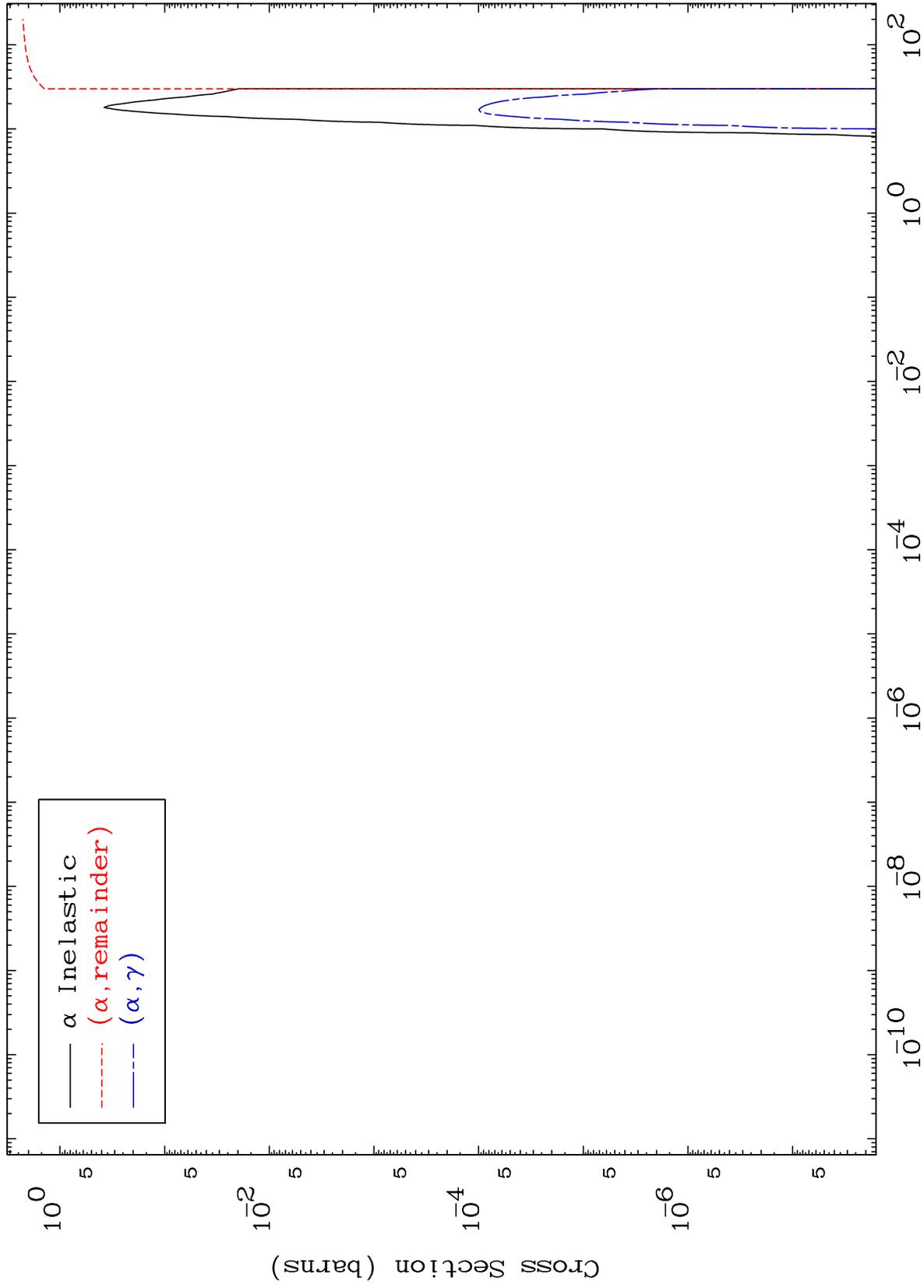
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5434

0 Kelvin  $\alpha$  Major

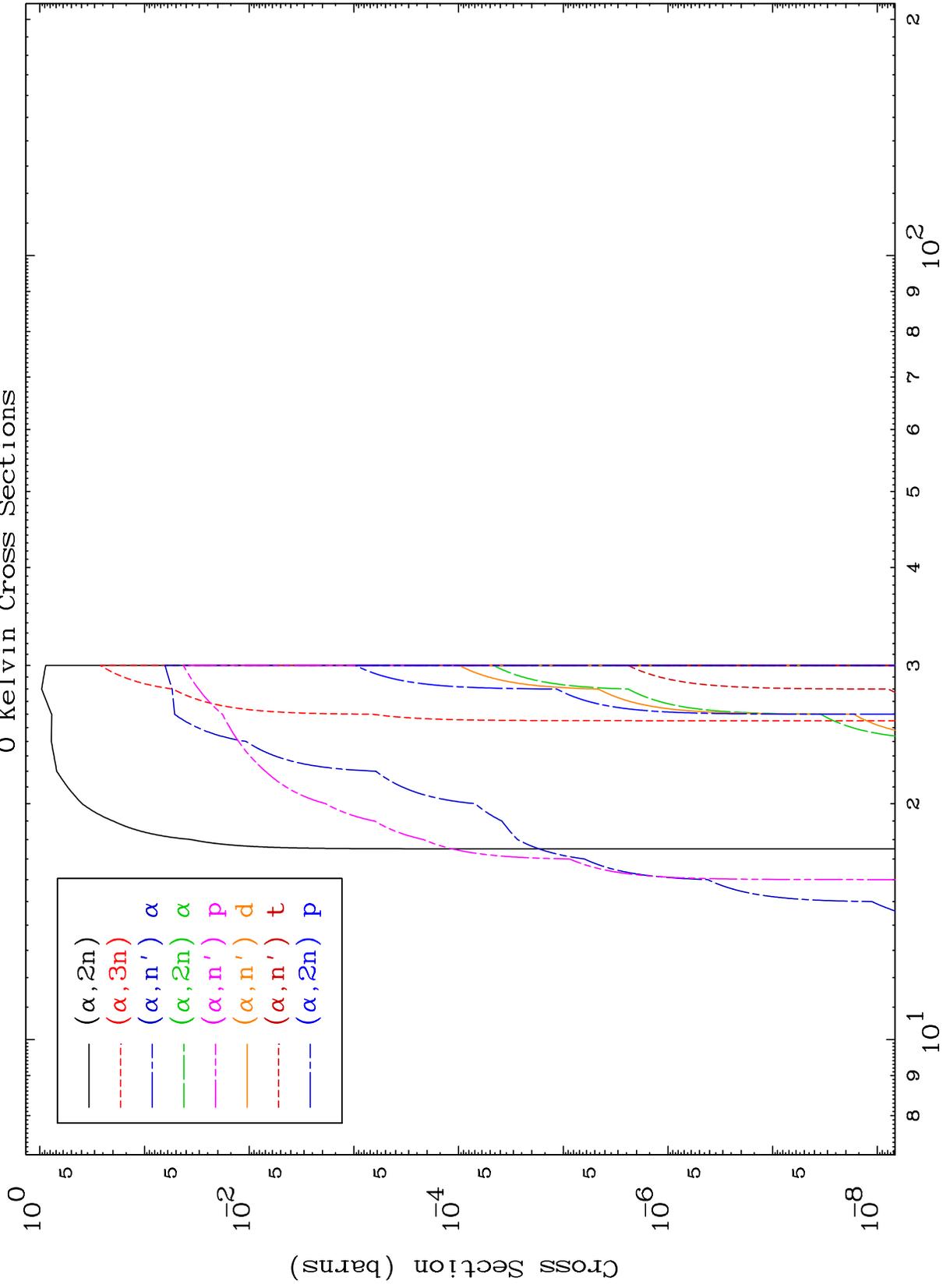
54-Xe-127



MAT 5434

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

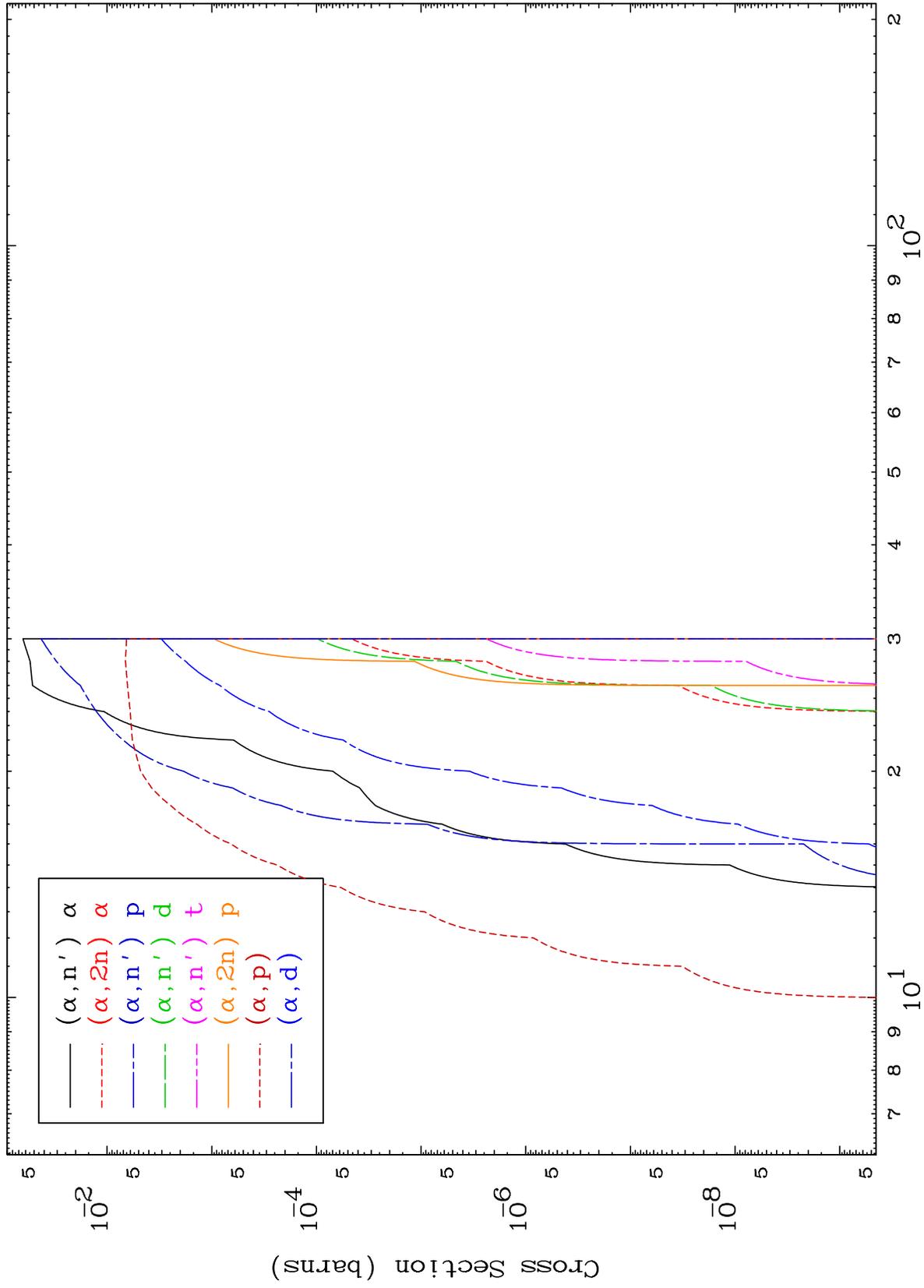
54-Xe-127



2

Incident Energy (MeV)

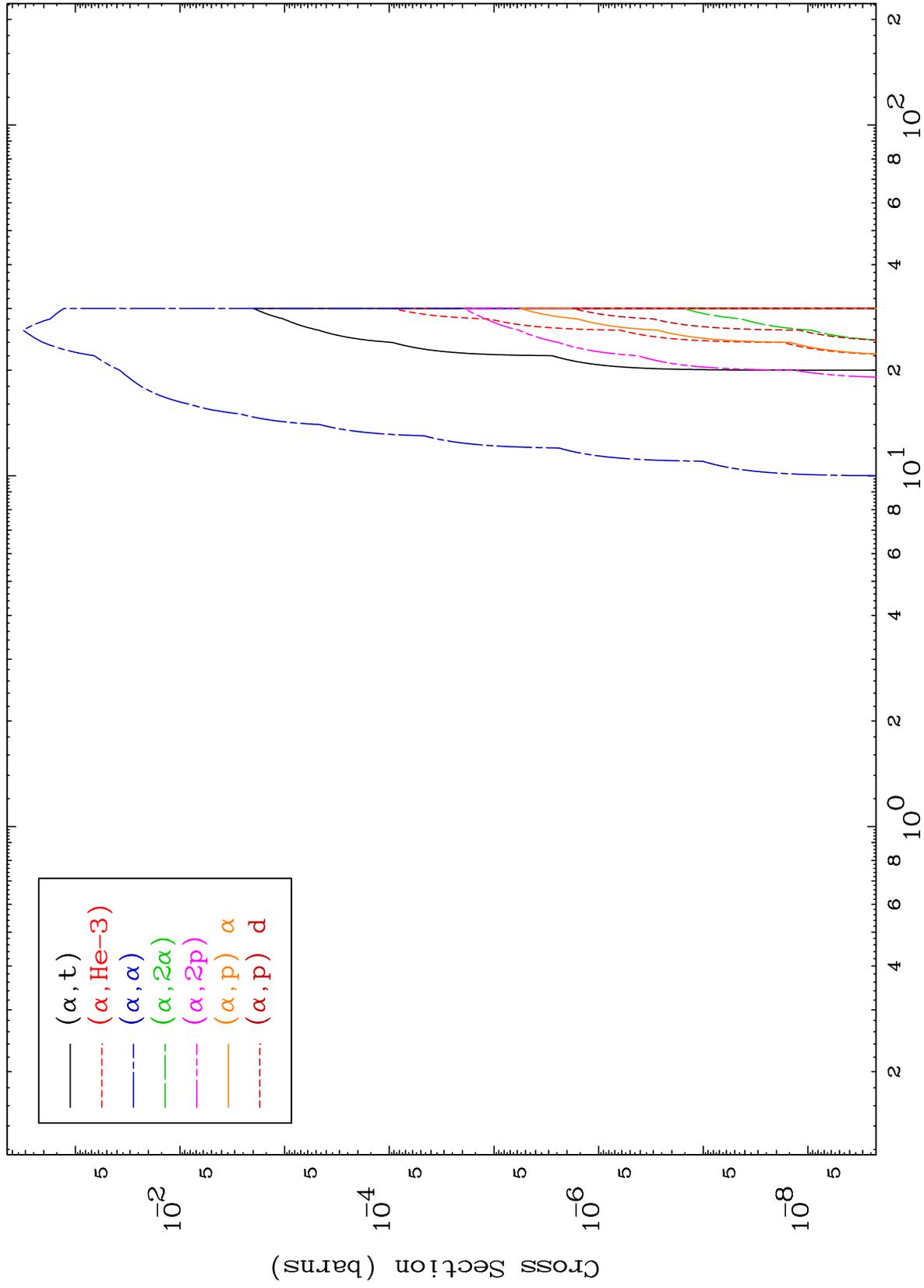
54-Xe-127



MAT 5434

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

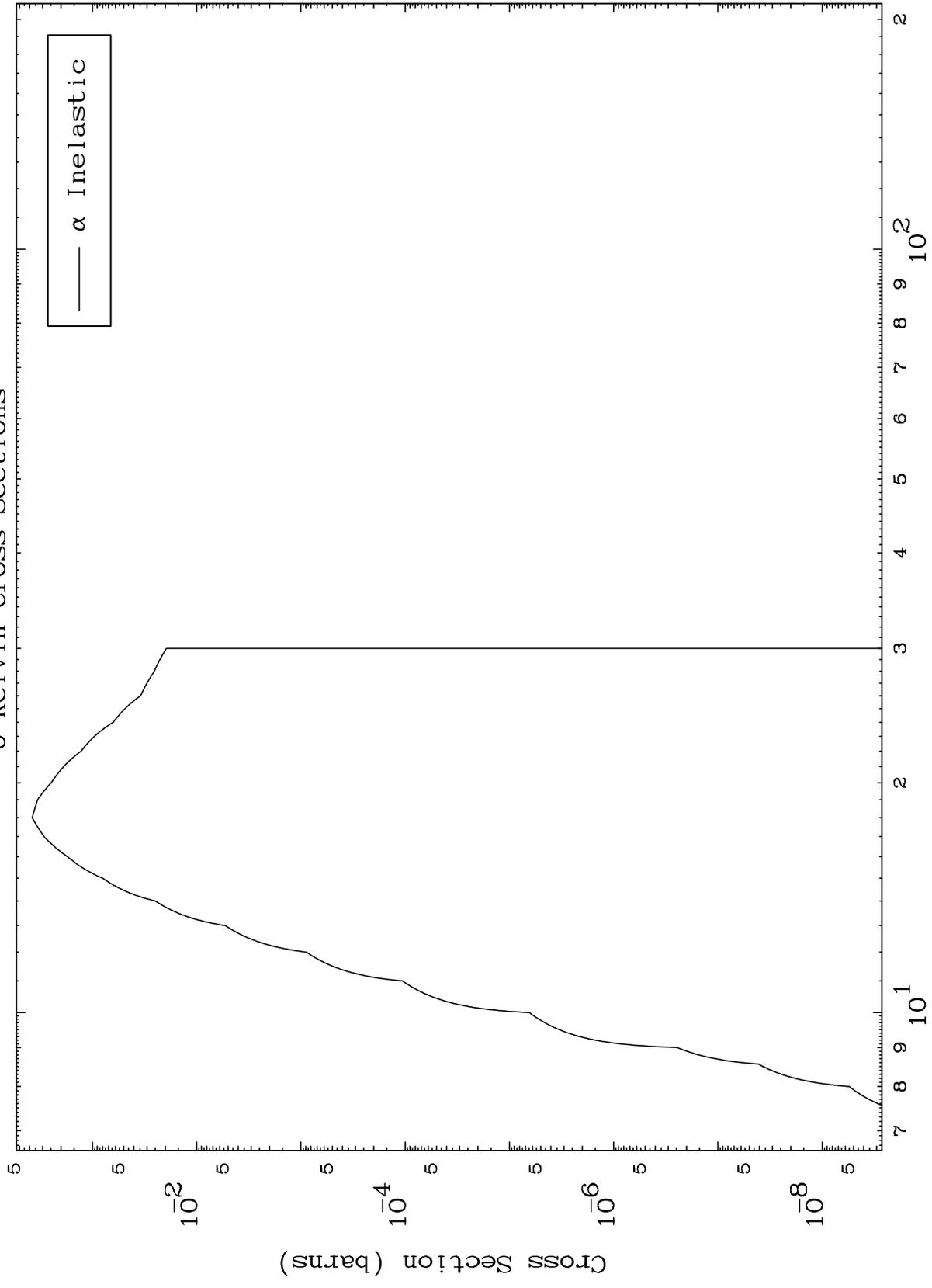
54-Xe-127



MAT 5434

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

54-Xe-127



5

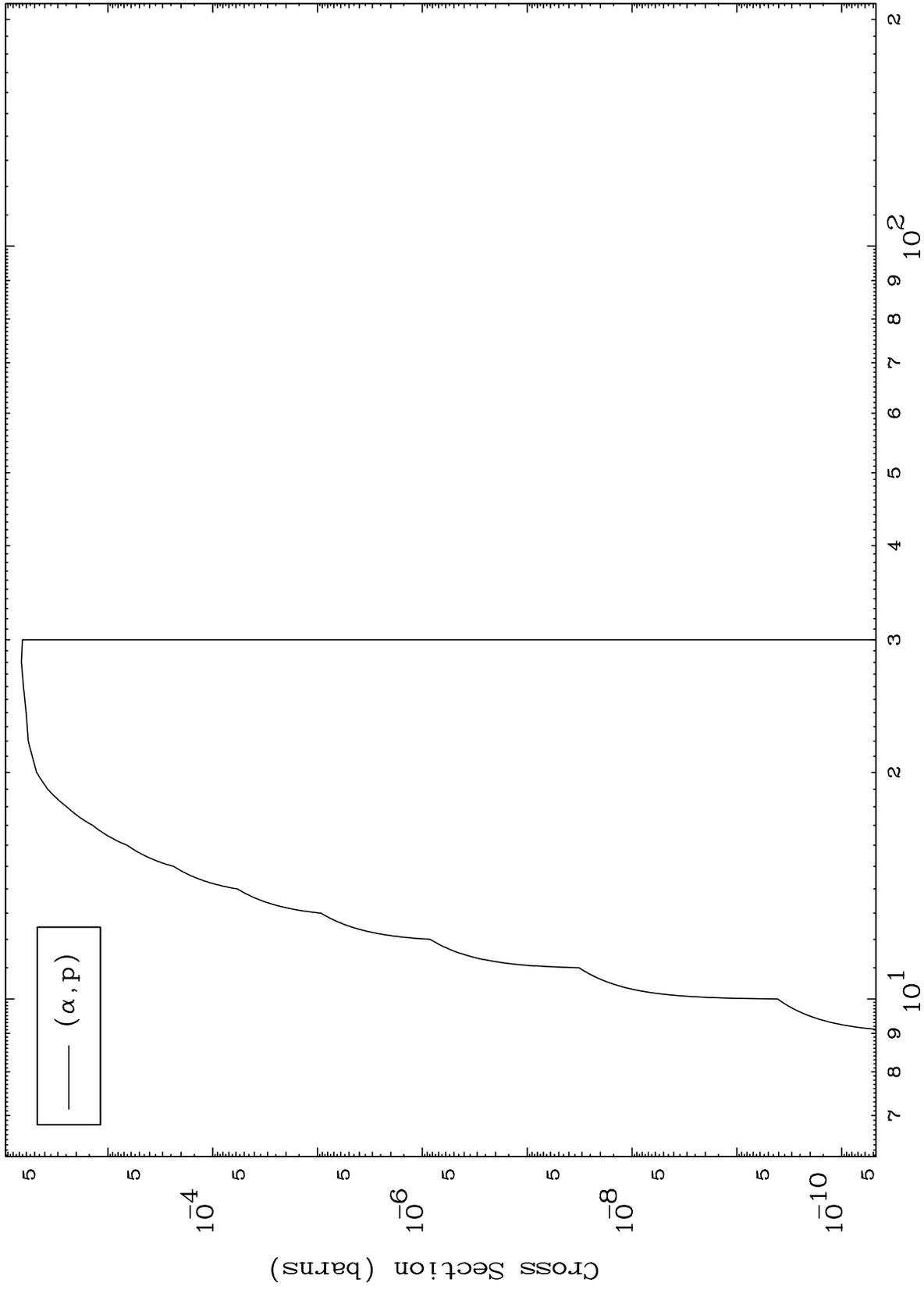
Incident Energy (MeV)

54-Xe-127

MAT 5434

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

54-Xe-127



6

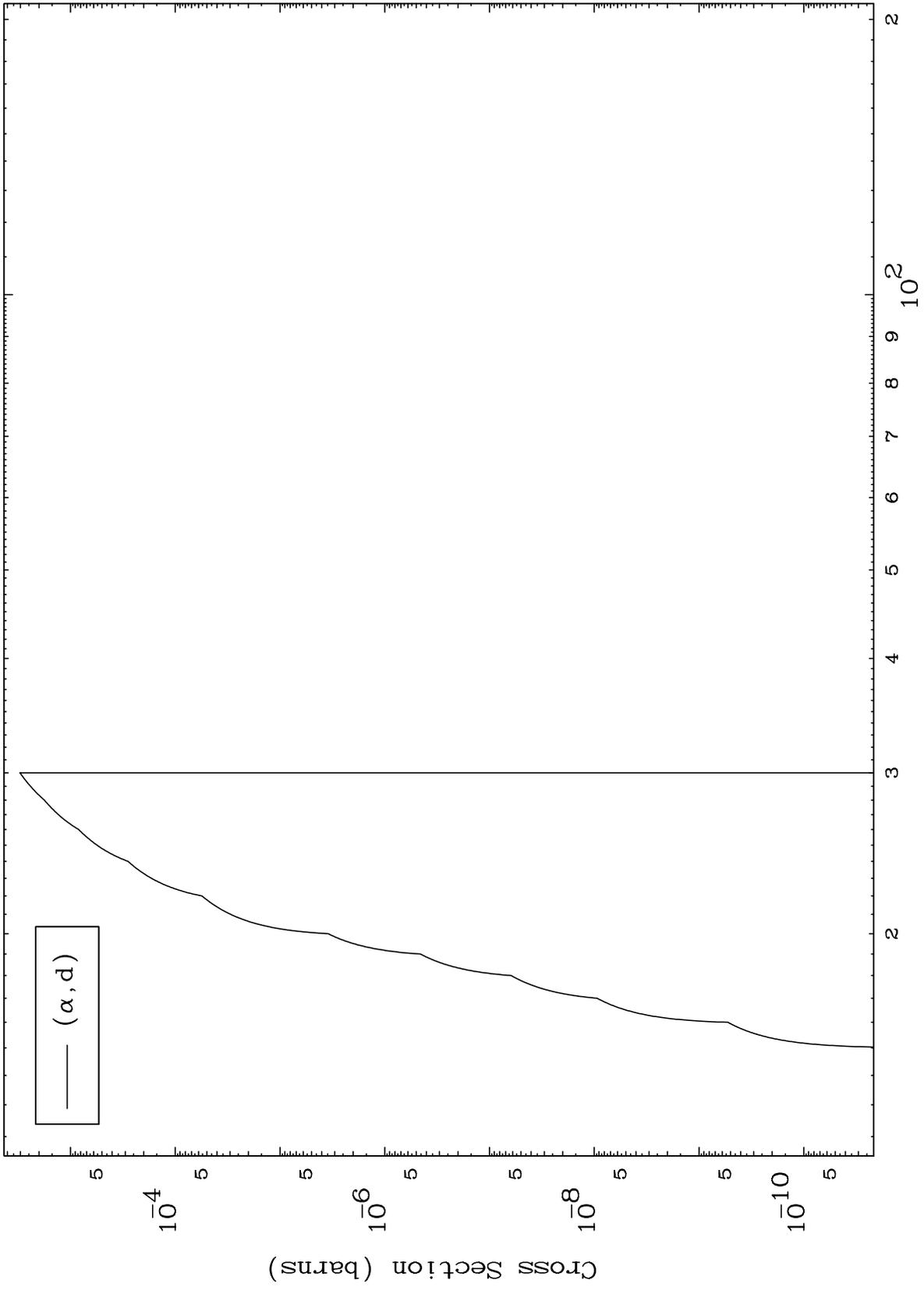
Incident Energy (MeV)

54-Xe-127

MAT 5434

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

54-Xe-127



7

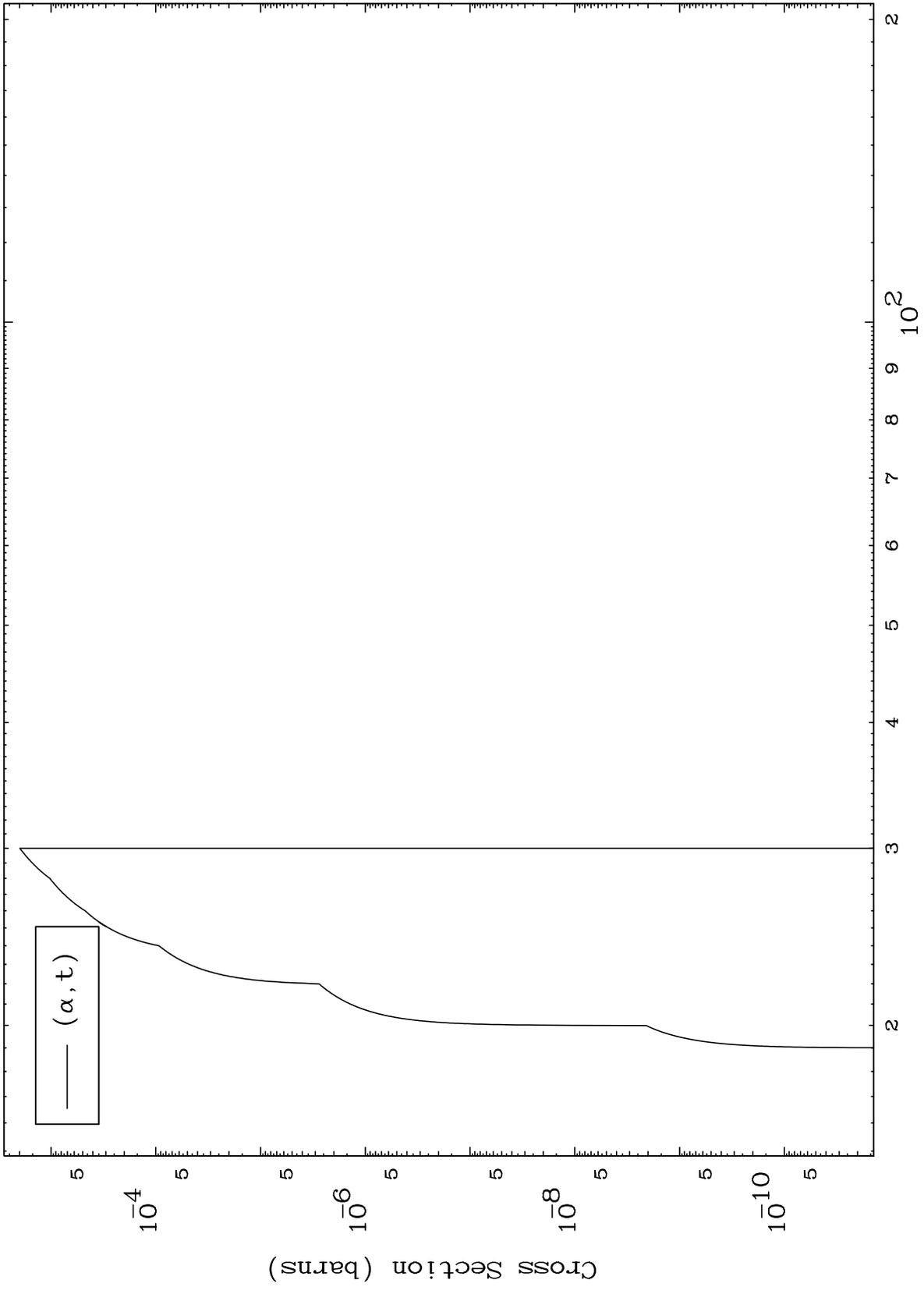
Incident Energy (MeV)

54-Xe-127

MAT 5434

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

54-Xe-127



8

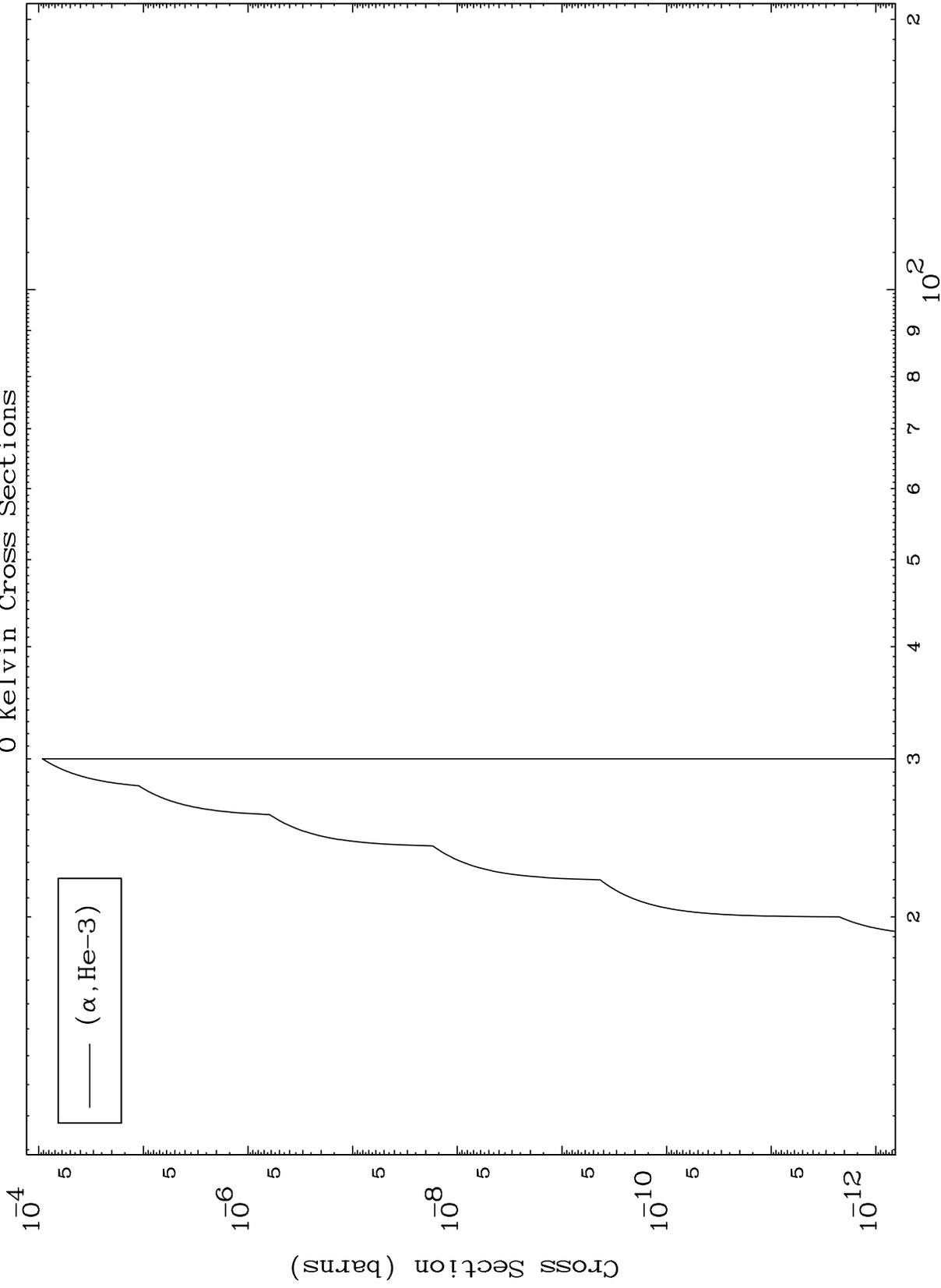
Incident Energy (MeV)

54-Xe-127

MAT 5434

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

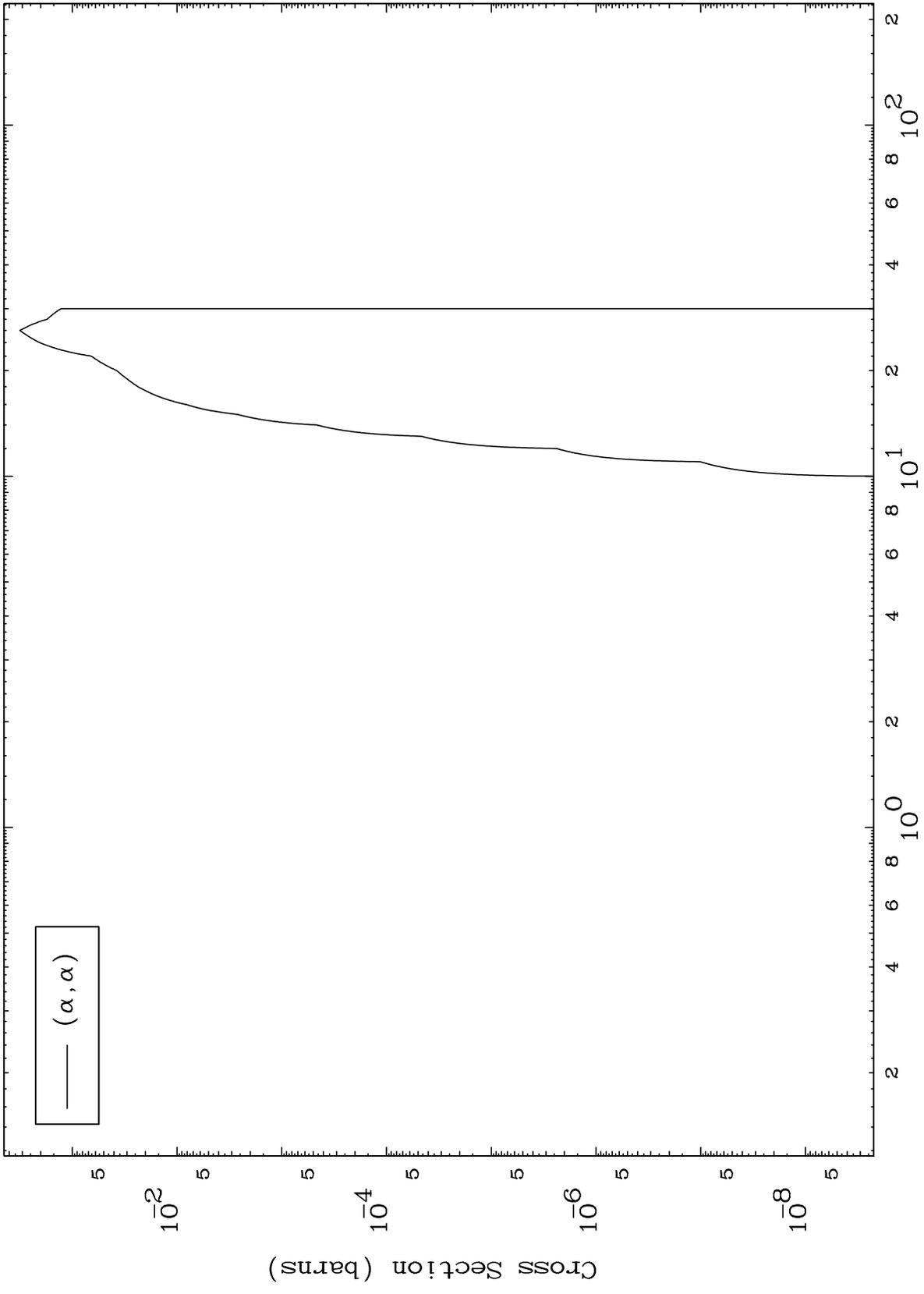
54-Xe-127



MAT 5434

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

54-Xe-127



10

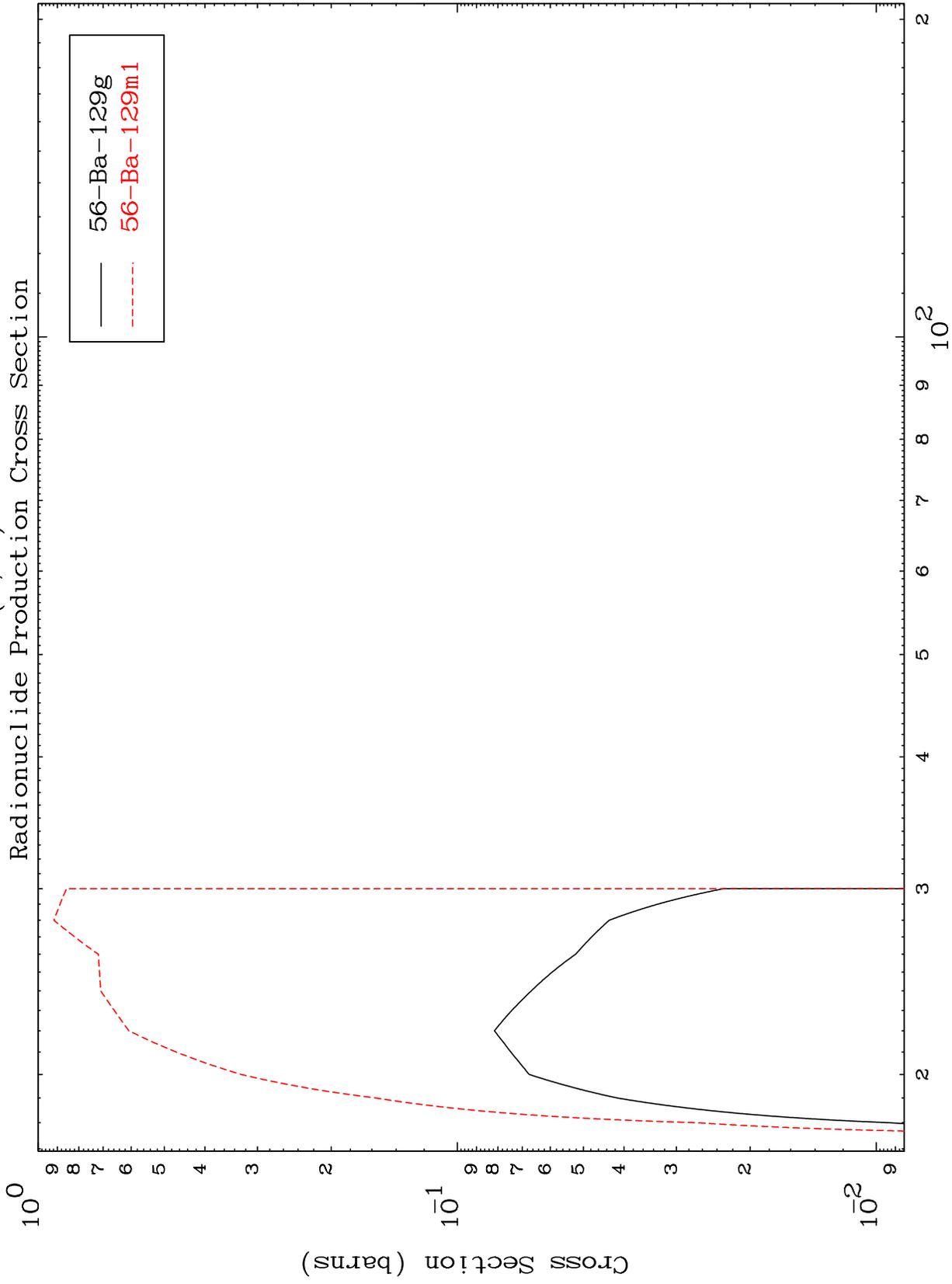
Incident Energy (MeV)

54-Xe-127

MAT 5434

54-Xe-127

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



11

Incident Energy (MeV)

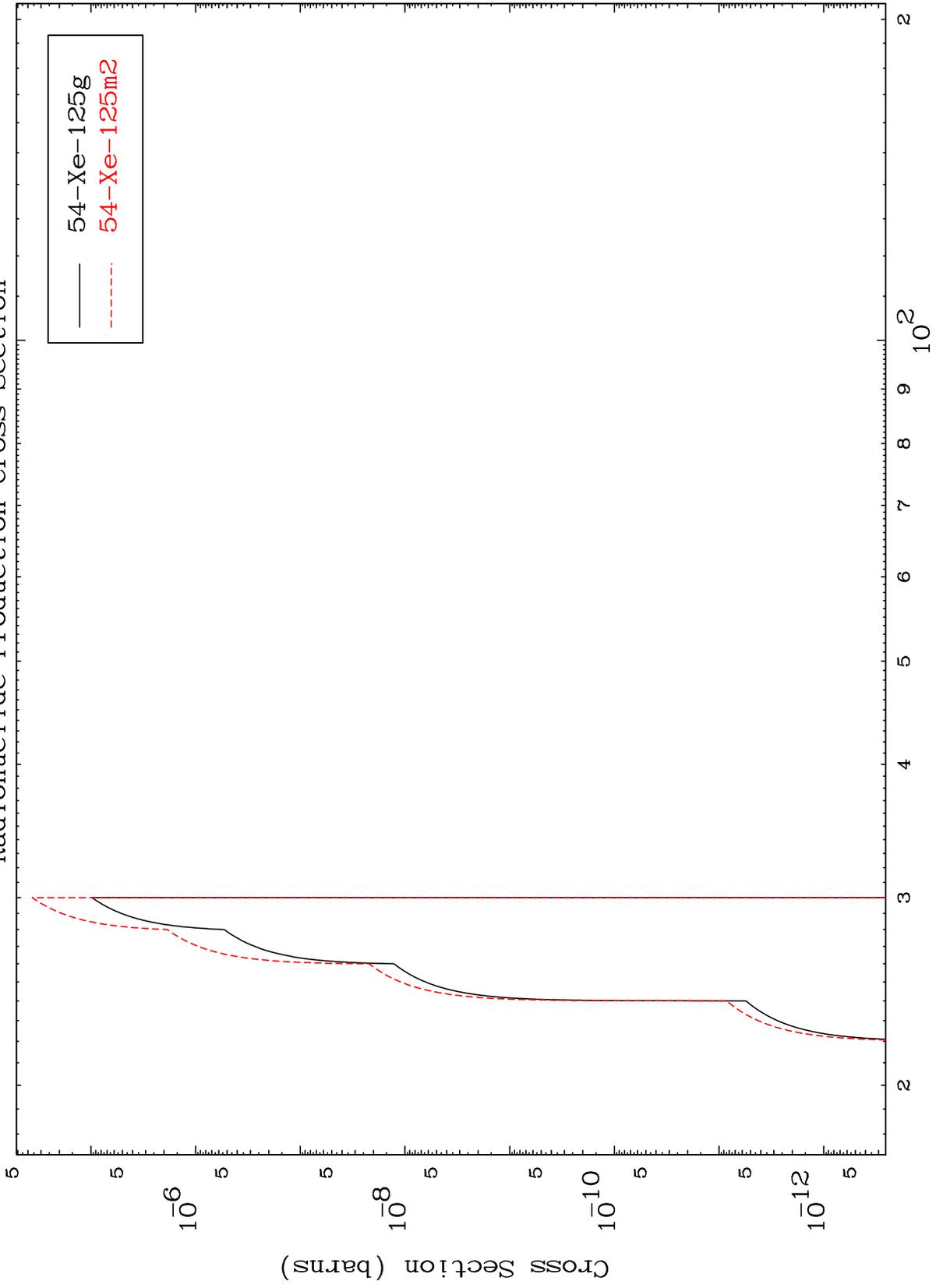
54-Xe-127

MAT 5434

( $\alpha, 2n$ )  $\alpha$

54-Xe-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

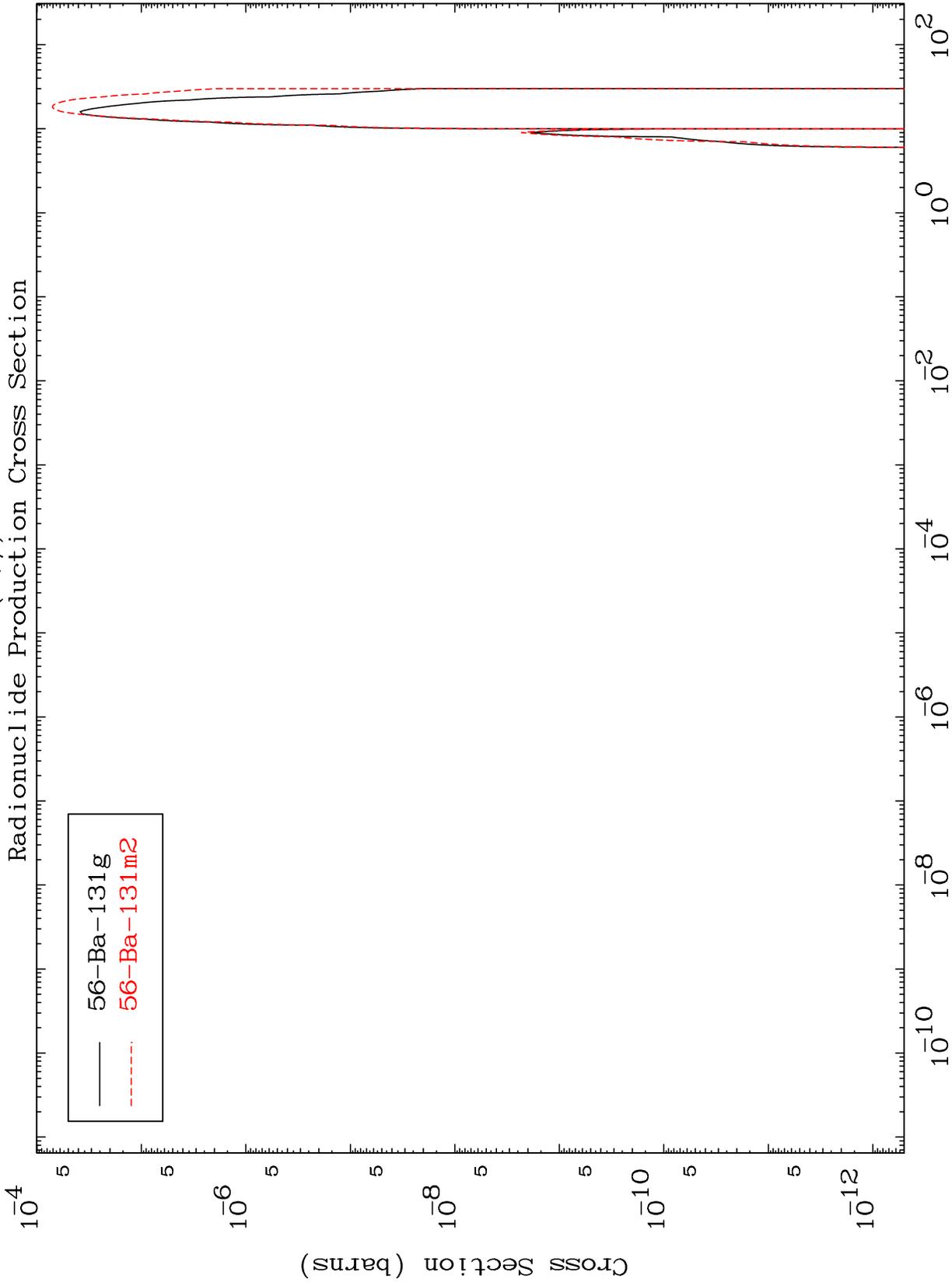
54-Xe-127

MAT 5434

( $\alpha, \gamma$ )

54-Xe-127

Radionuclide Production Cross Section



13

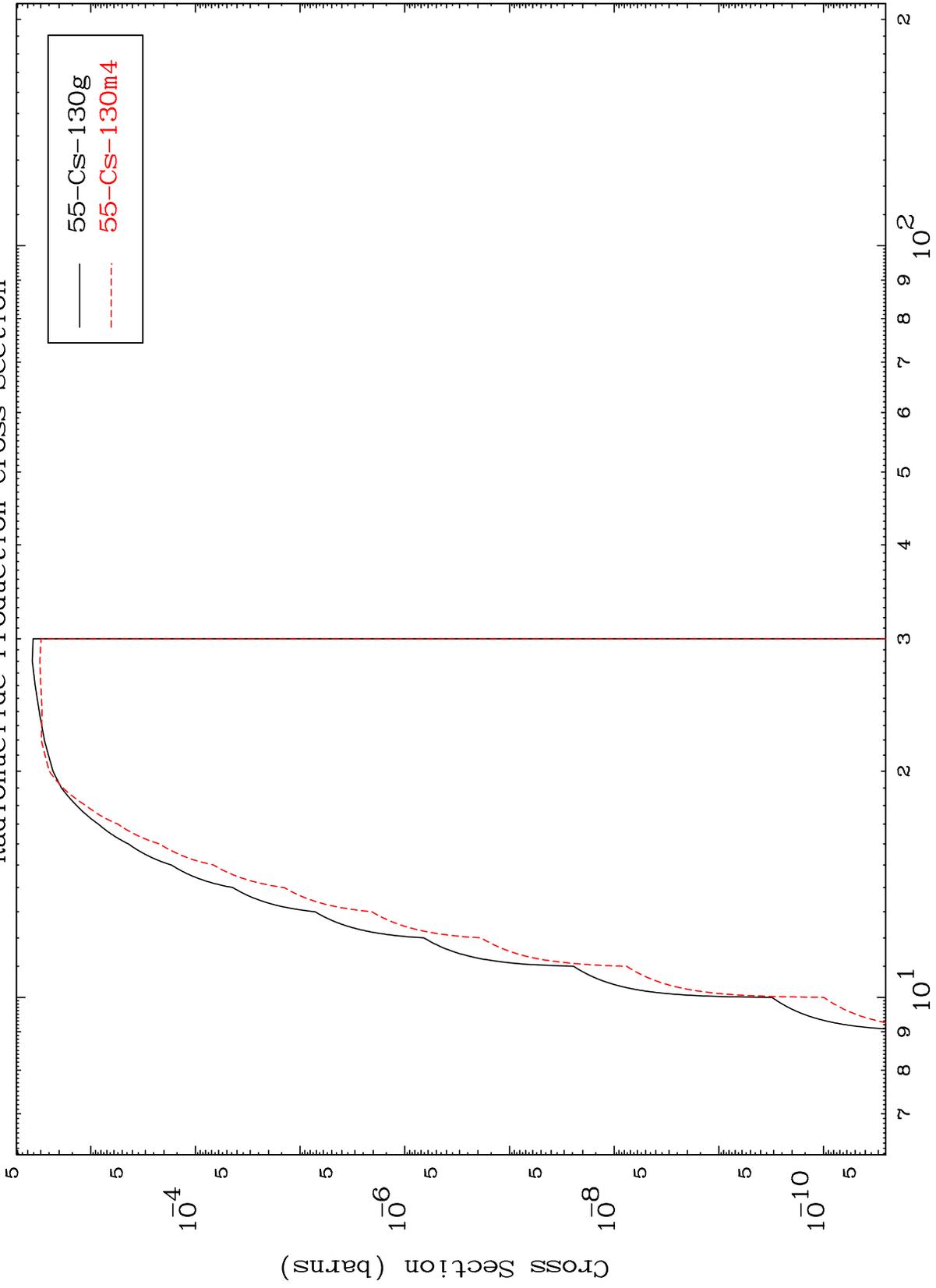
Incident Energy (MeV)

54-Xe-127

MAT 5434

54-Xe-127

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



14

Incident Energy (MeV)

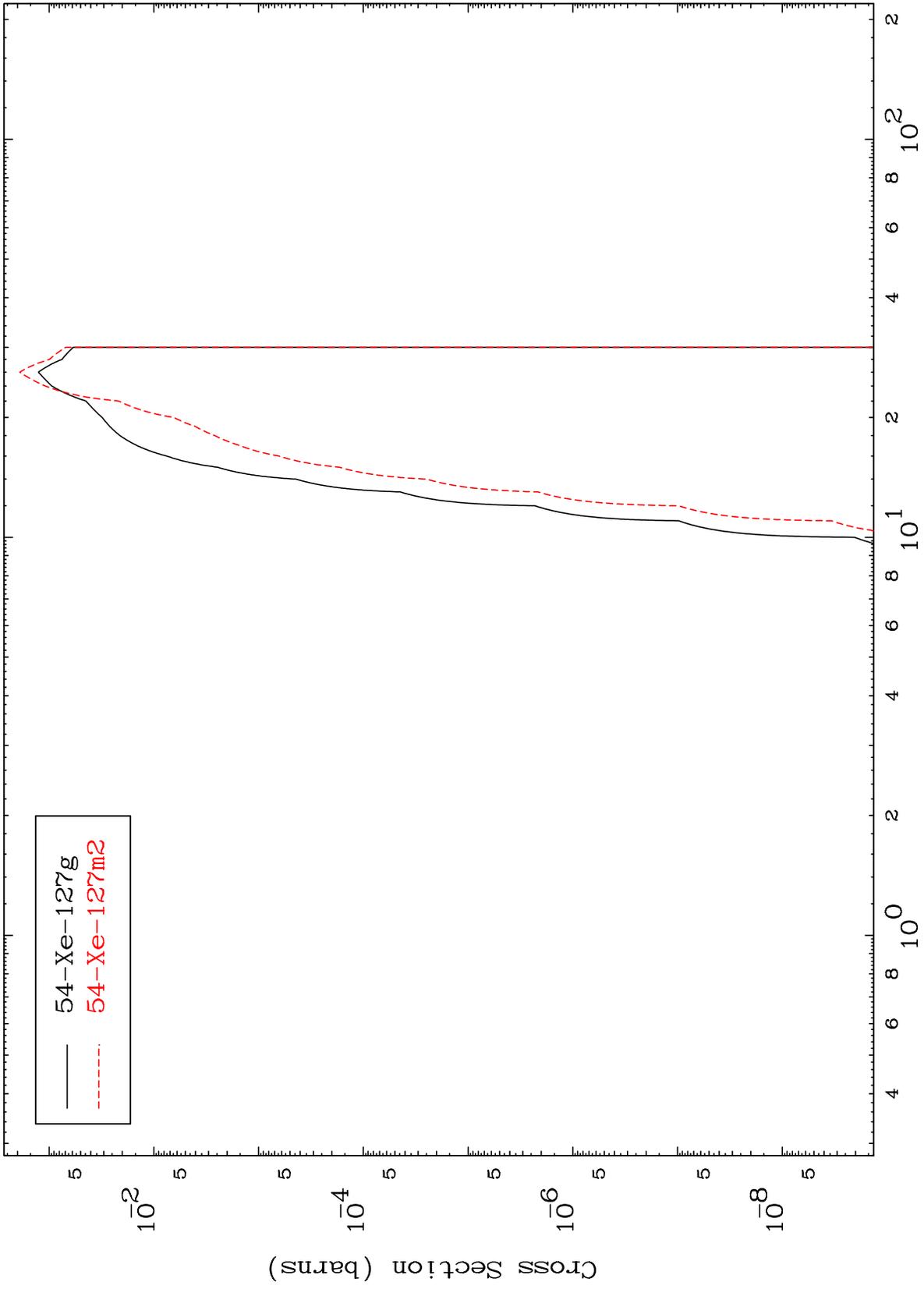
54-Xe-127

MAT 5434

( $\alpha, \alpha$ )

54-Xe-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

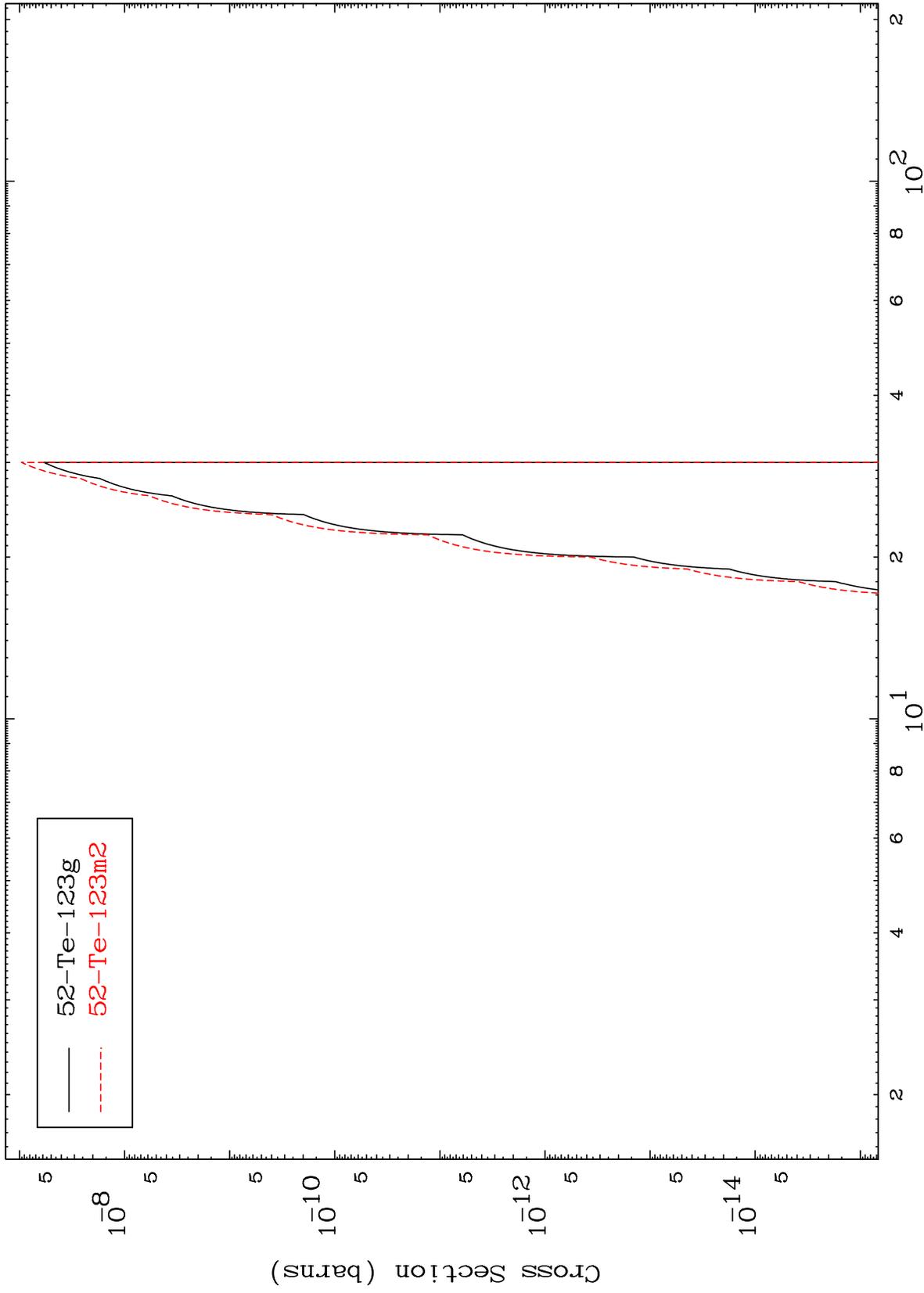
54-Xe-127

MAT 5434

( $\alpha, 2\alpha$ )

54-Xe-127

Radionuclide Production Cross Section



16

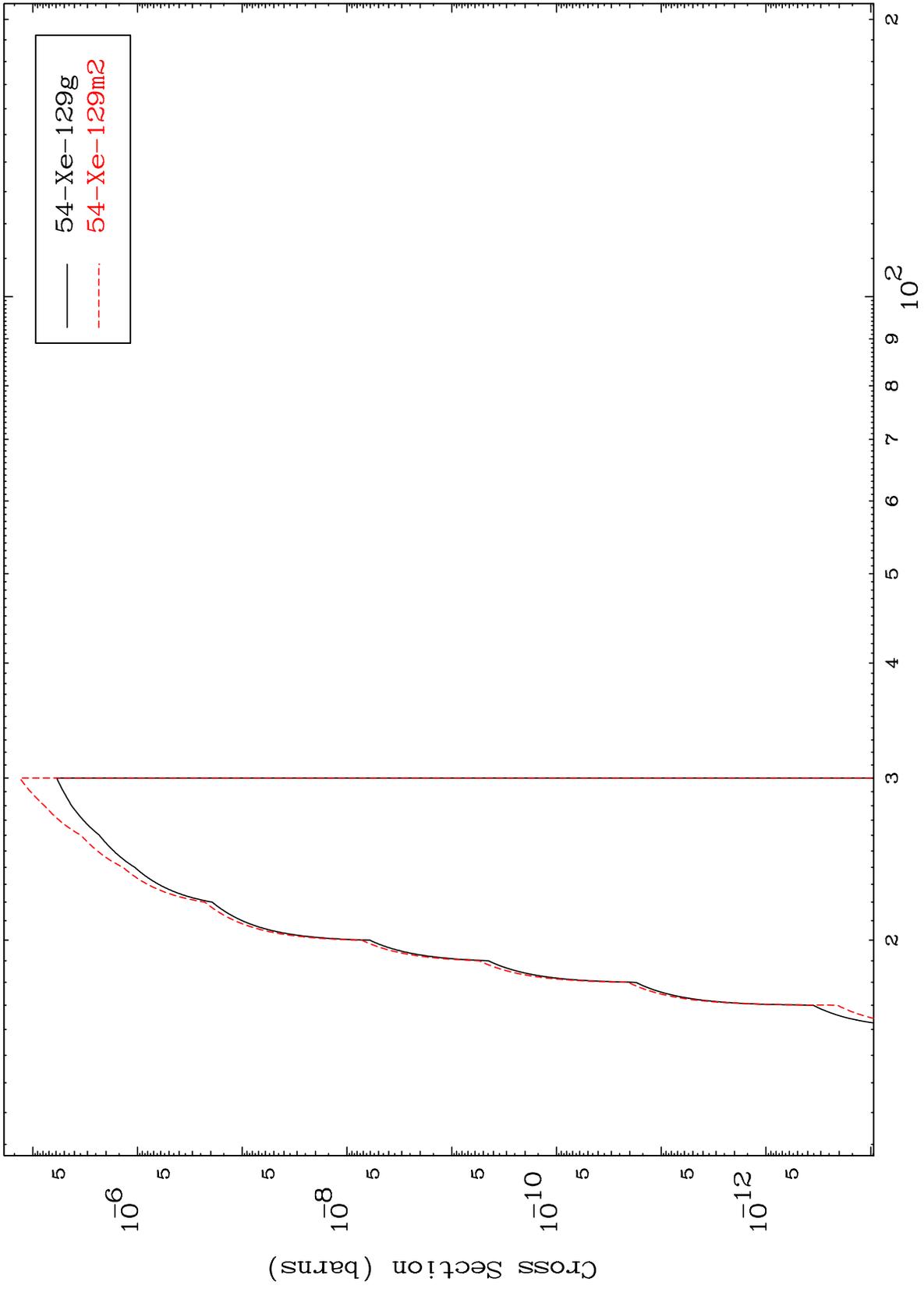
Incident Energy (MeV)

54-Xe-127

MAT 5434

54-Xe-127

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



17

Incident Energy (MeV)

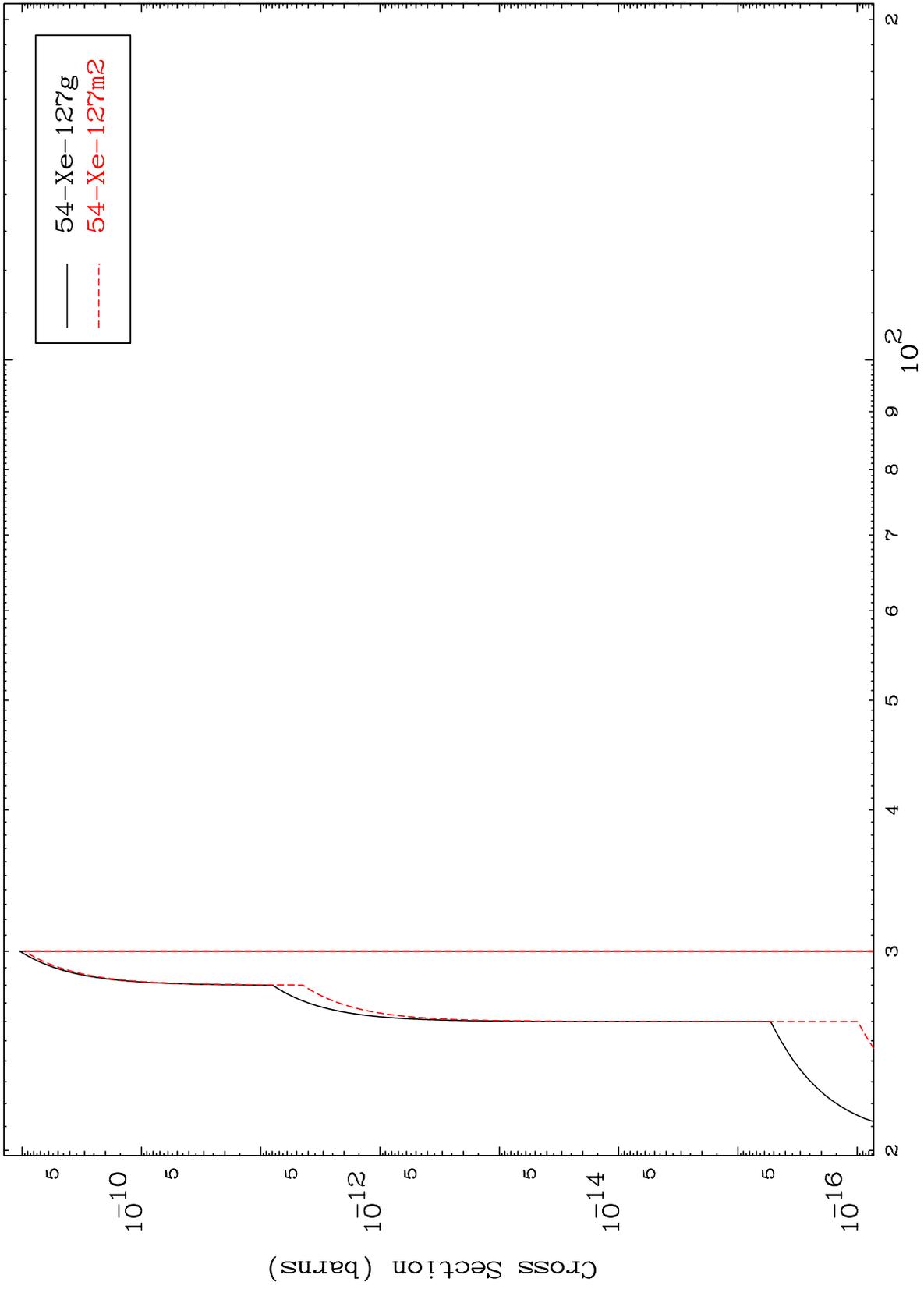
54-Xe-127

MAT 5434

( $\alpha, p$ ) t

54-Xe-127

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-127