

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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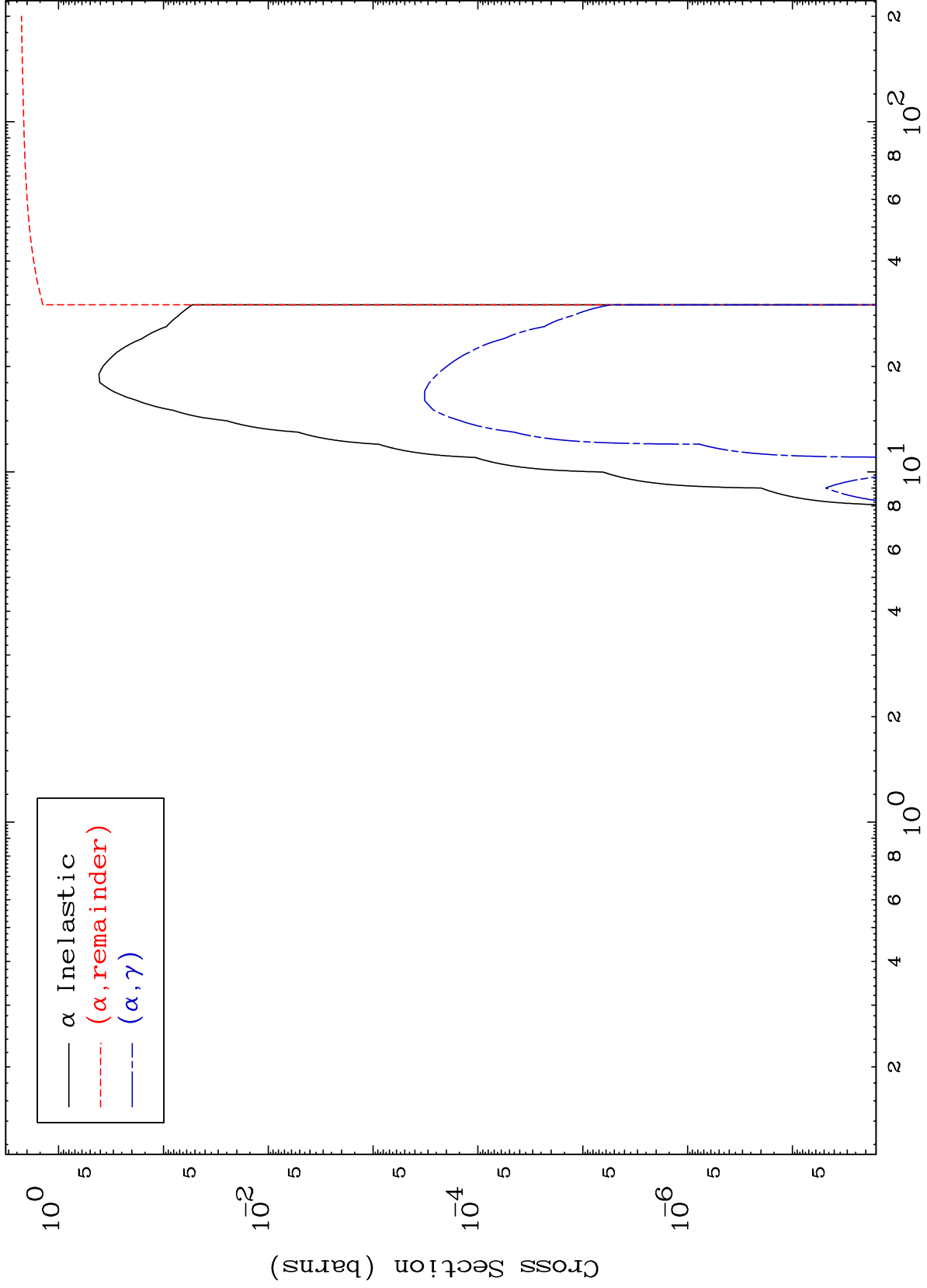
Press Mouse Button to Start

MAT 5435

$\alpha$  Major

0 Kelvin Cross Sections

54-Xe-127

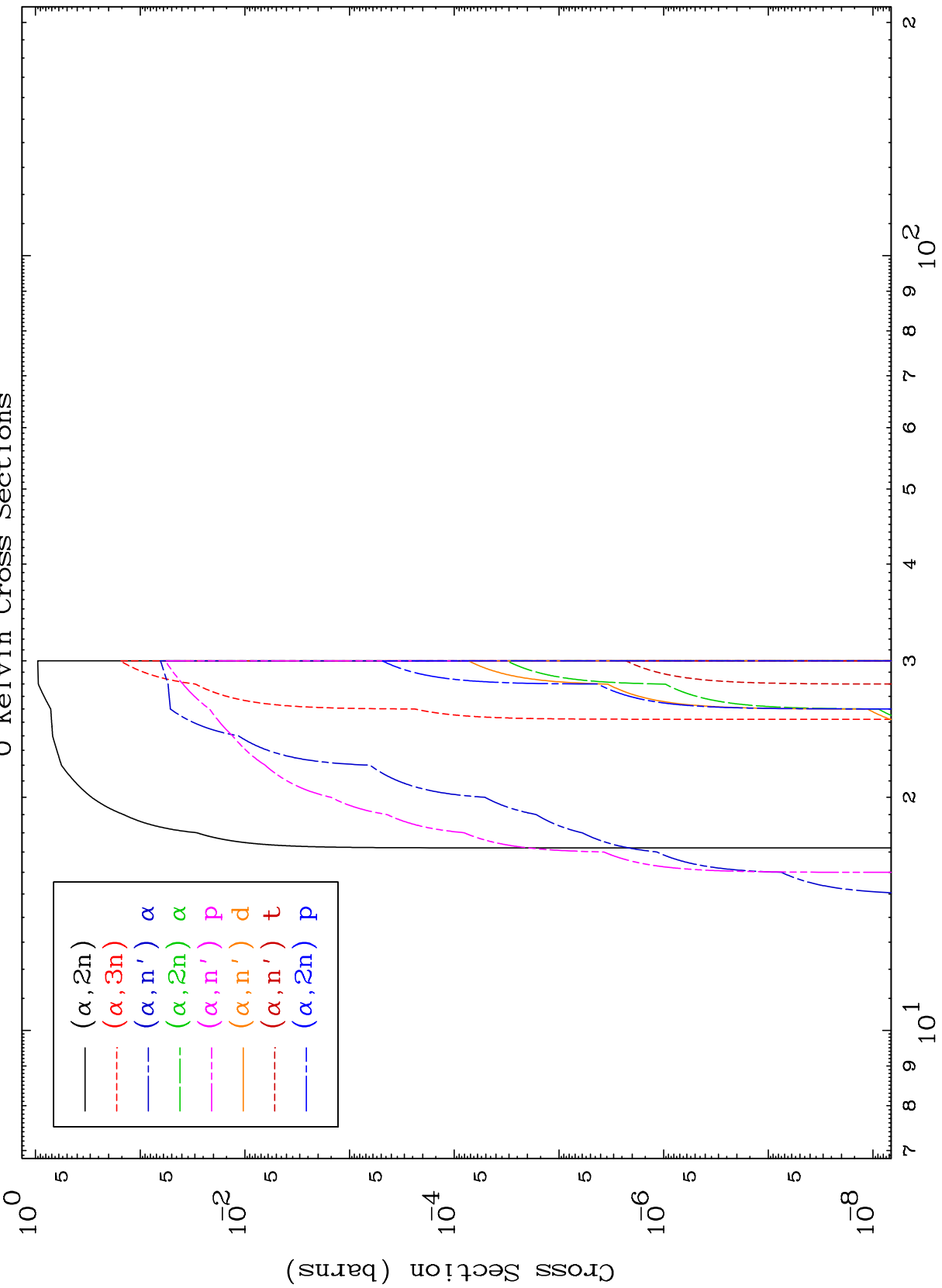


$\alpha$  Inelastic  
( $\alpha$ , remainder)  
( $\alpha$ ,  $\gamma$ )

MAT 5435

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

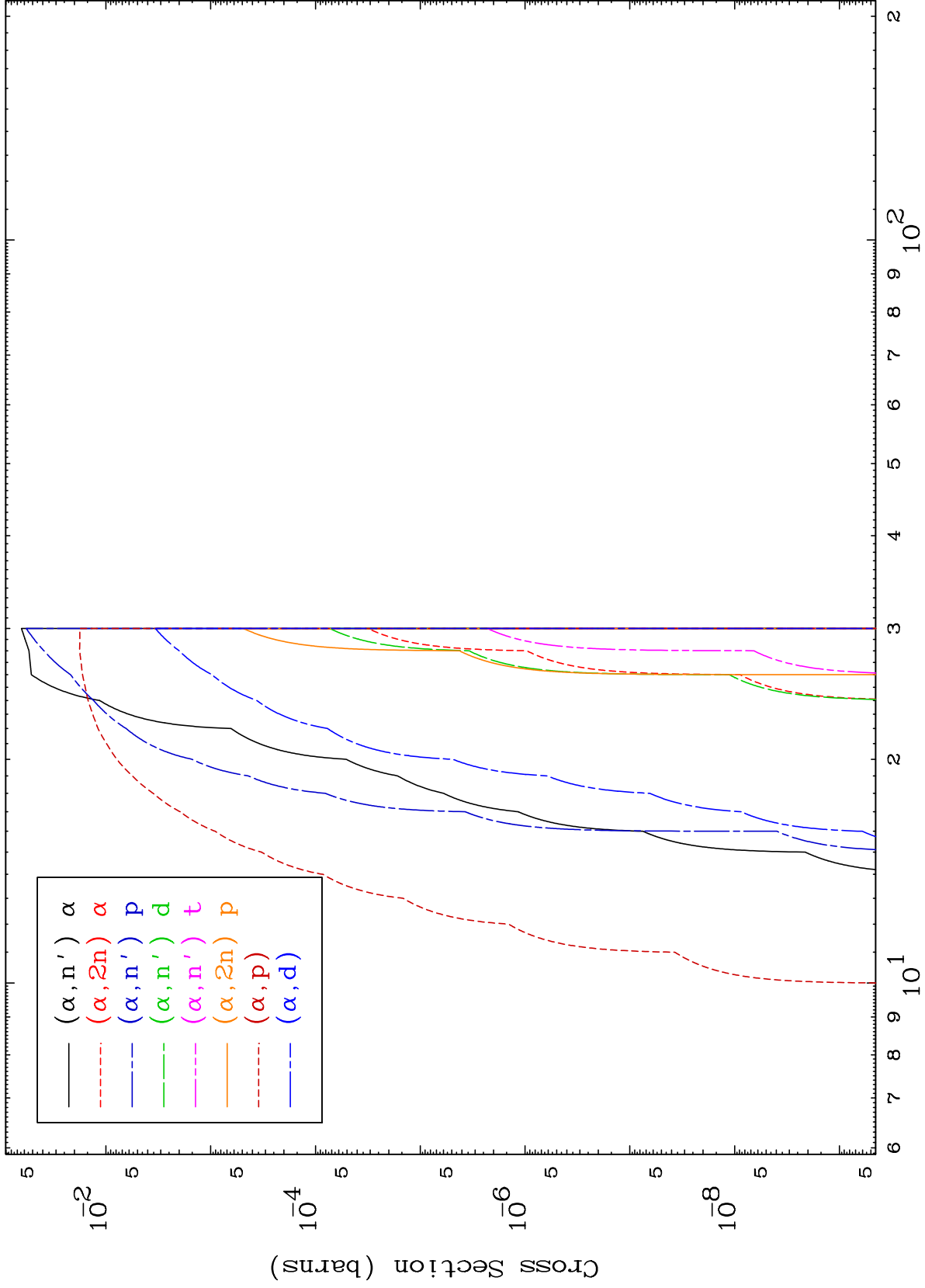
54-Xe-127



2

Incident Energy (MeV)

54-Xe-127

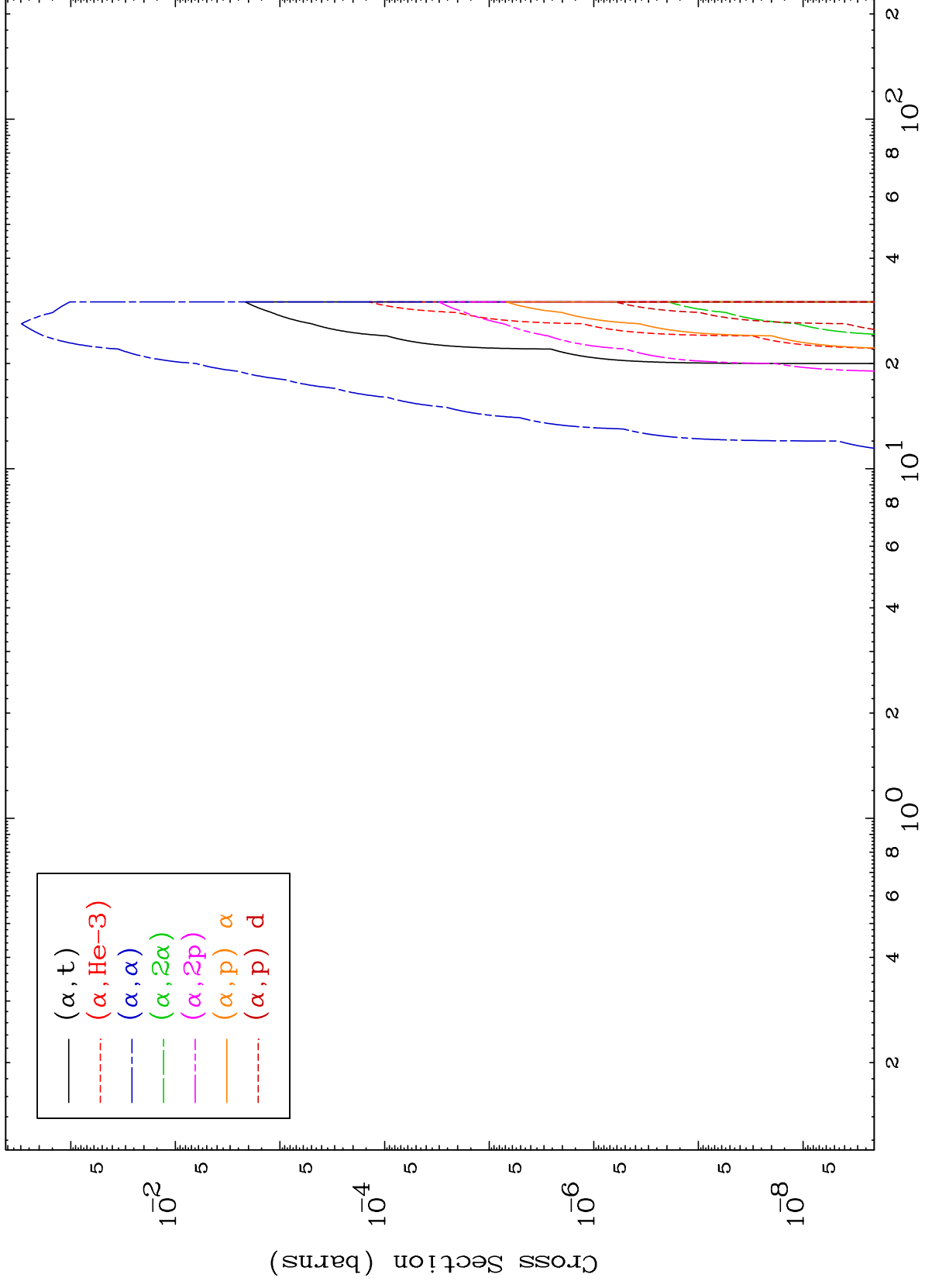


MAT 5435

$\alpha$  Charged Particle

54-Xe-127

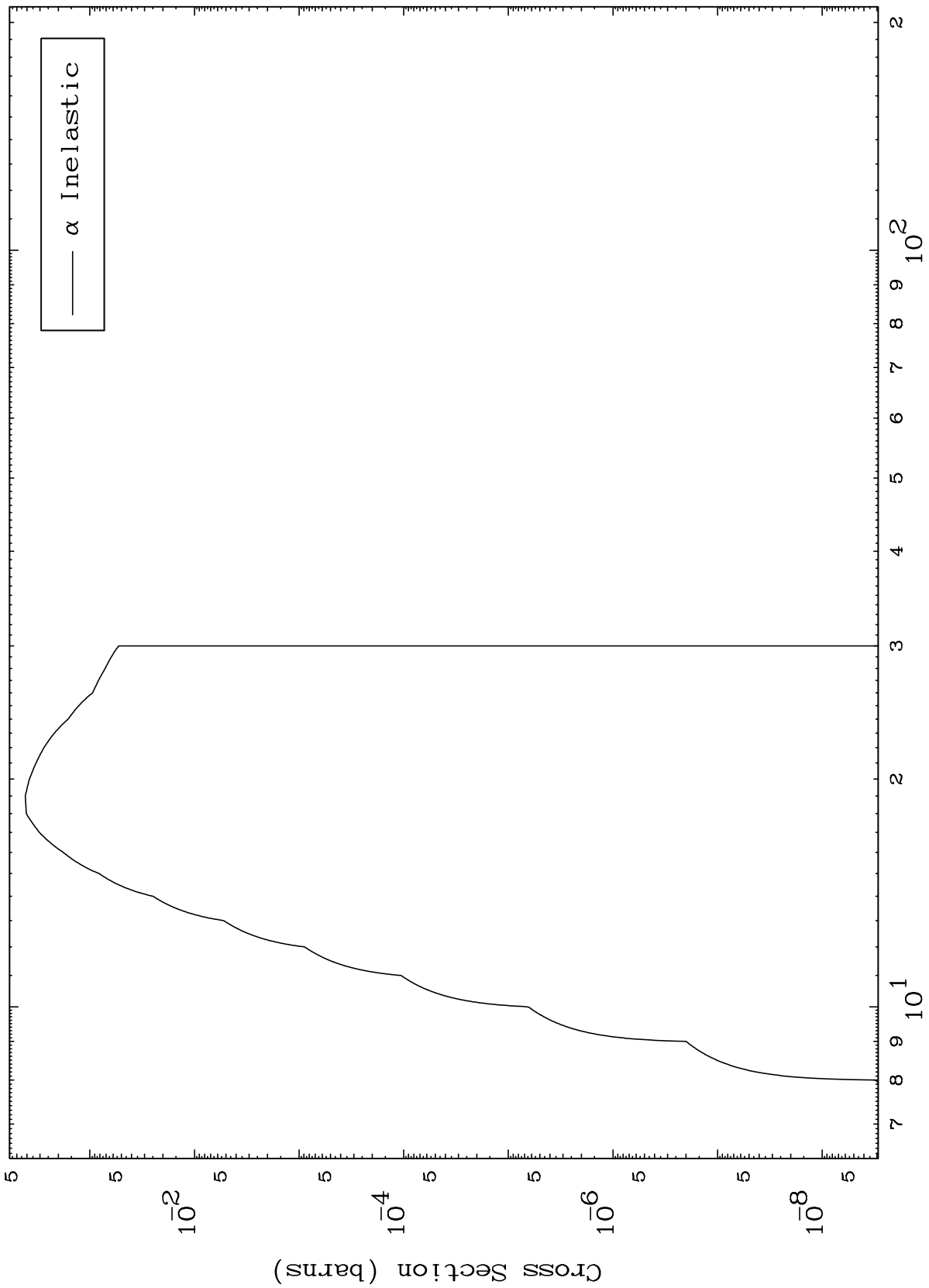
0 Kelvin Cross Sections



MAT 5435

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

54-Xe-127



5

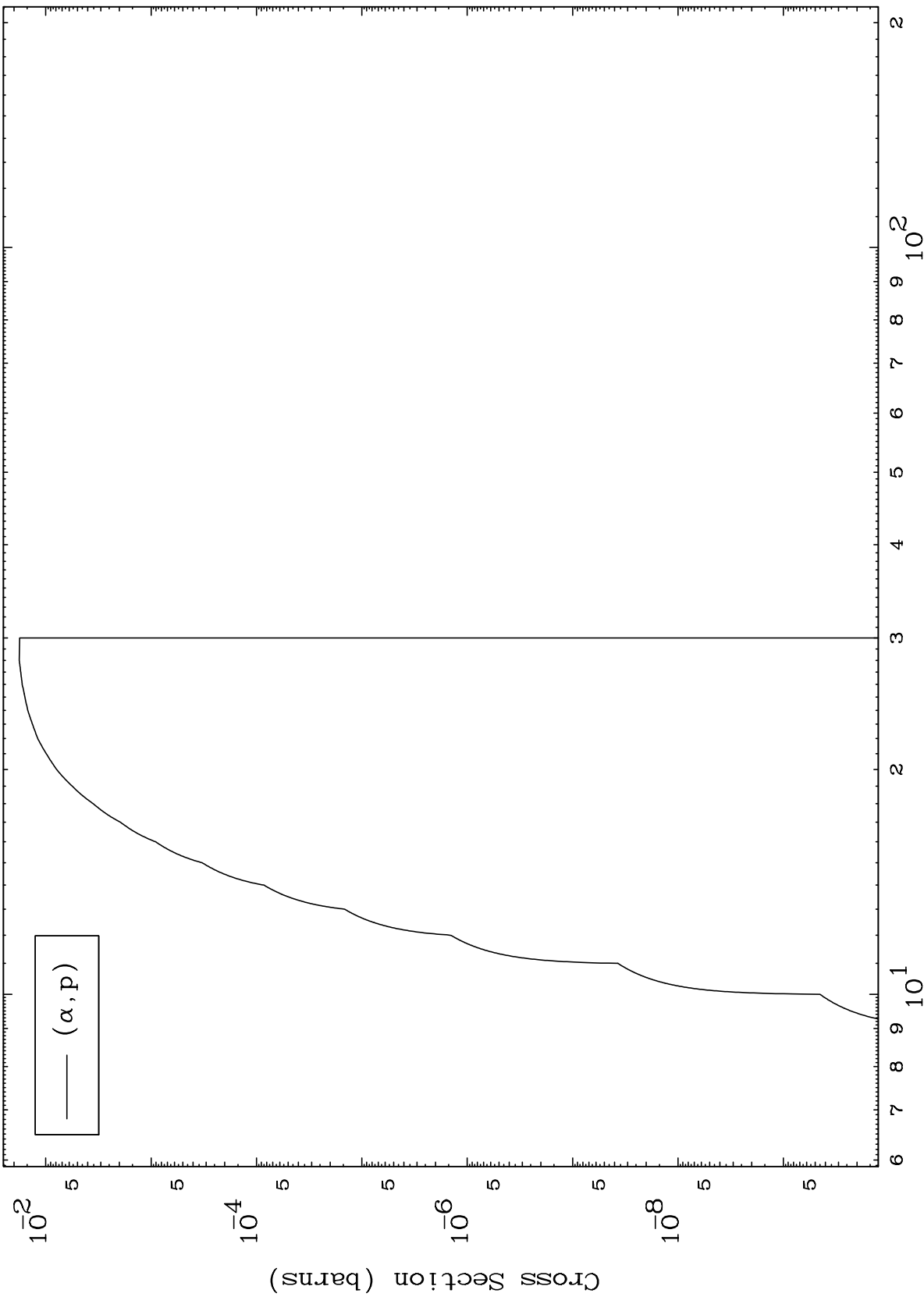
Incident Energy (MeV)

54-Xe-127

MAT 5435

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

54-Xe-127



6

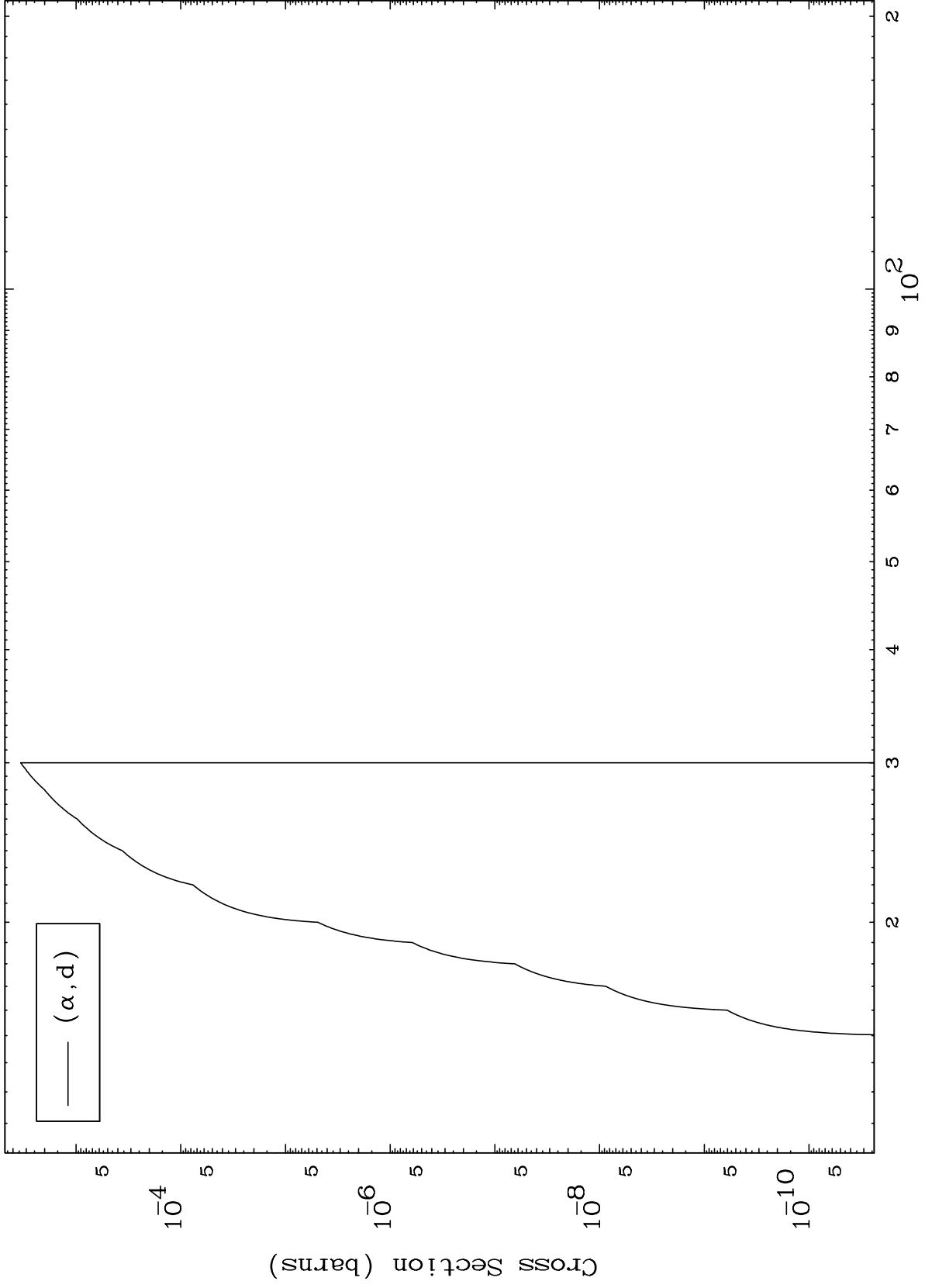
Incident Energy (MeV)

54-Xe-127

MAT 5435

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

54-Xe-127

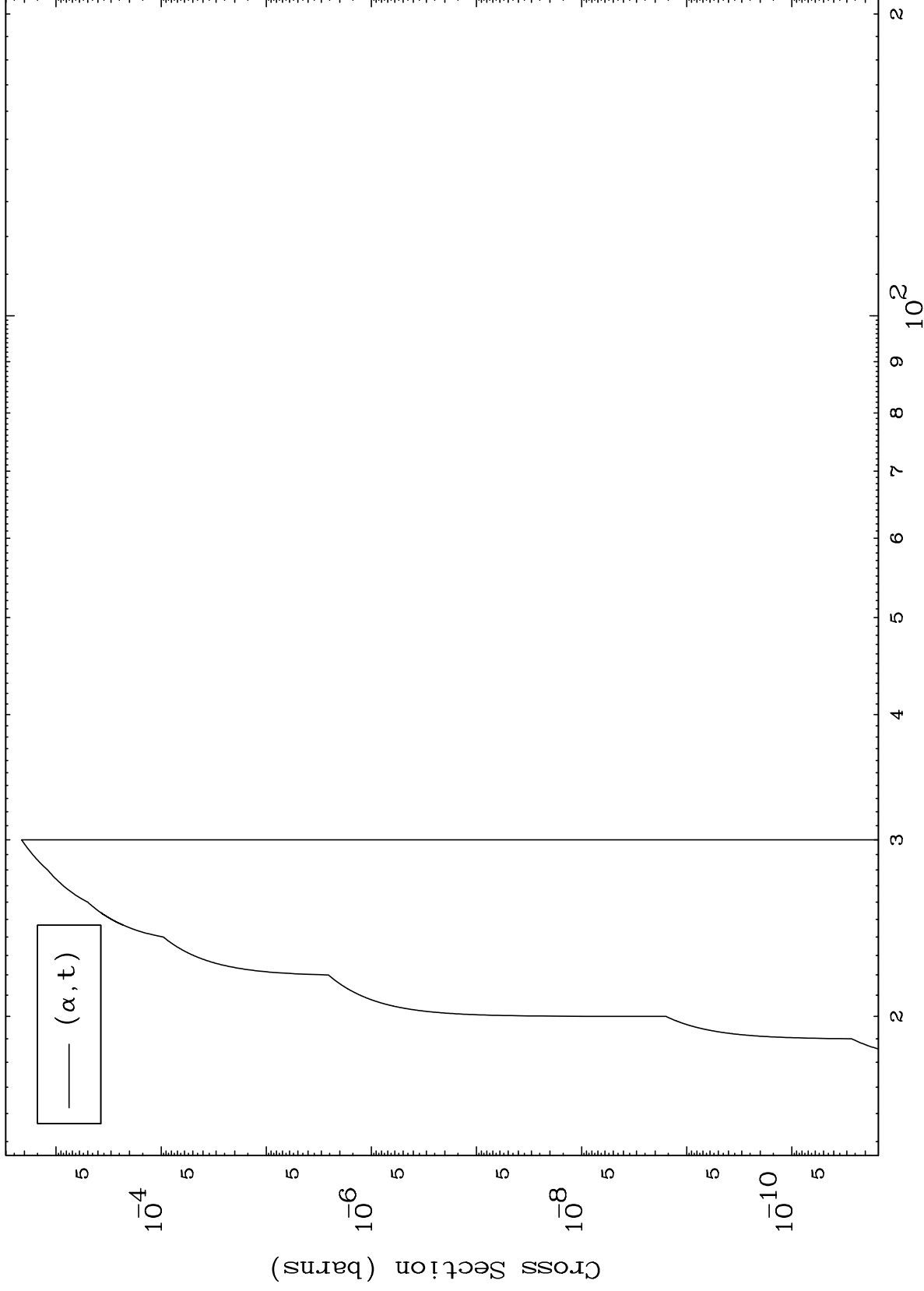


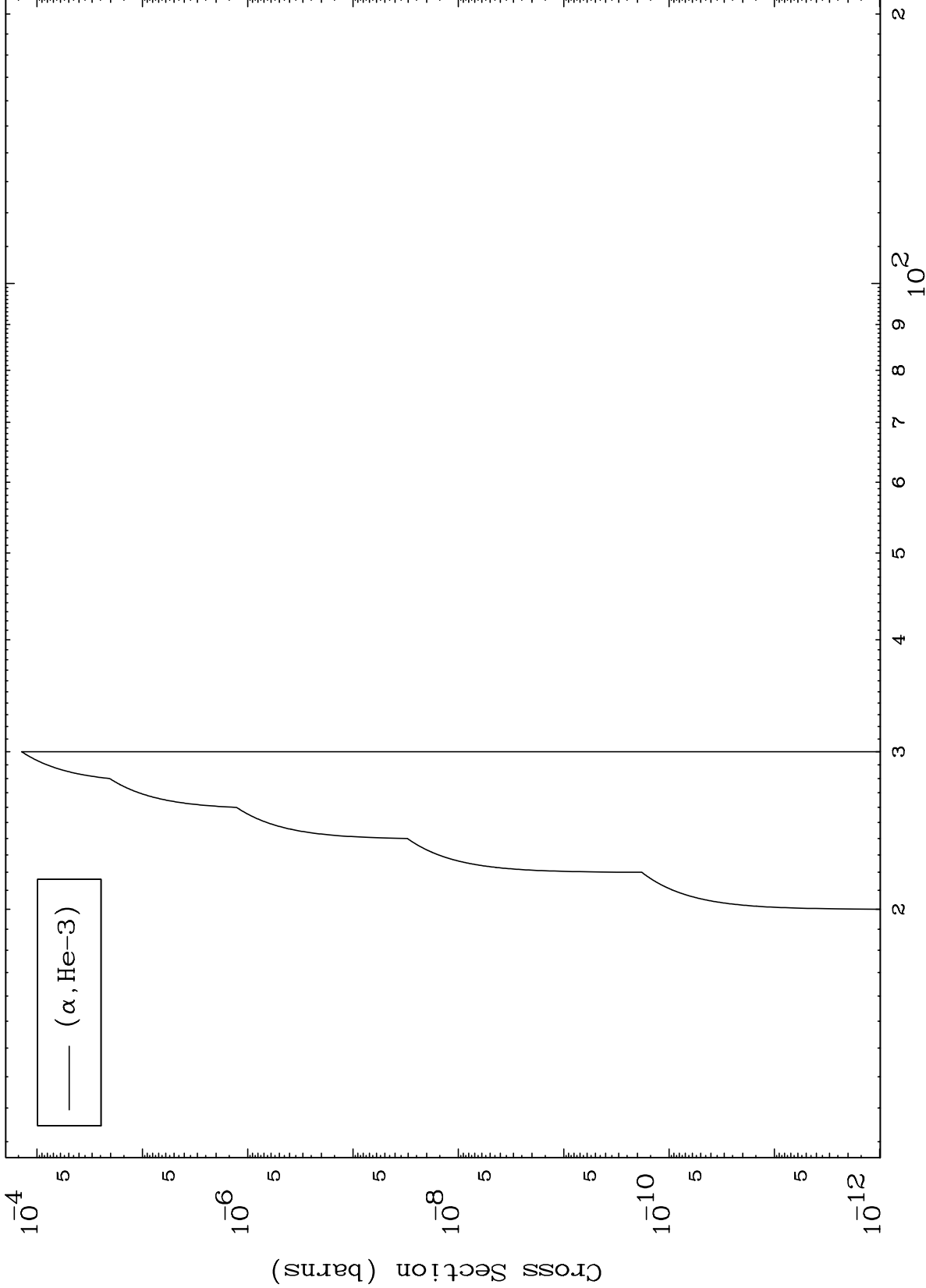
7

Incident Energy (MeV)

54-Xe-127



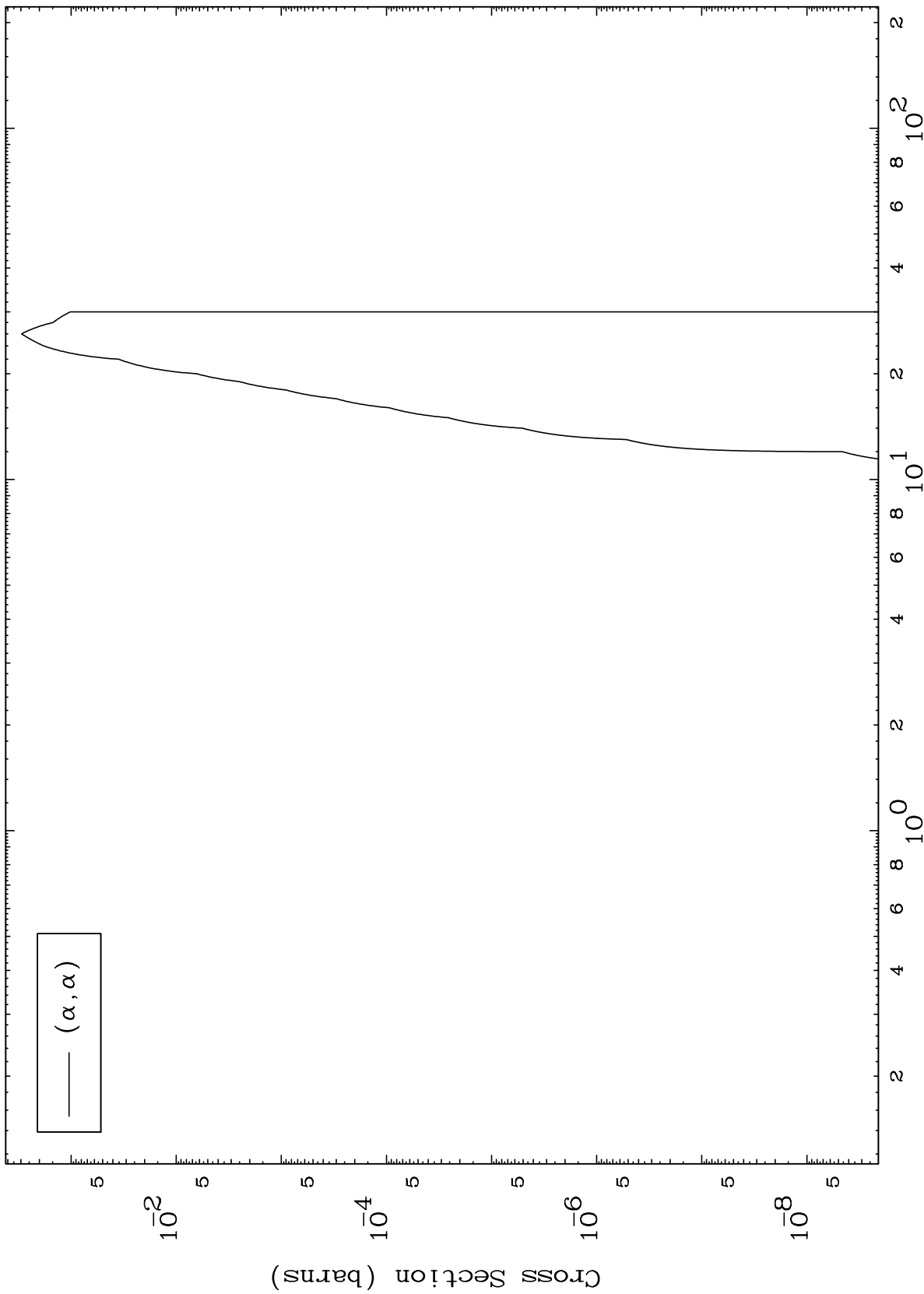




MAT 5435

54-Xe-127

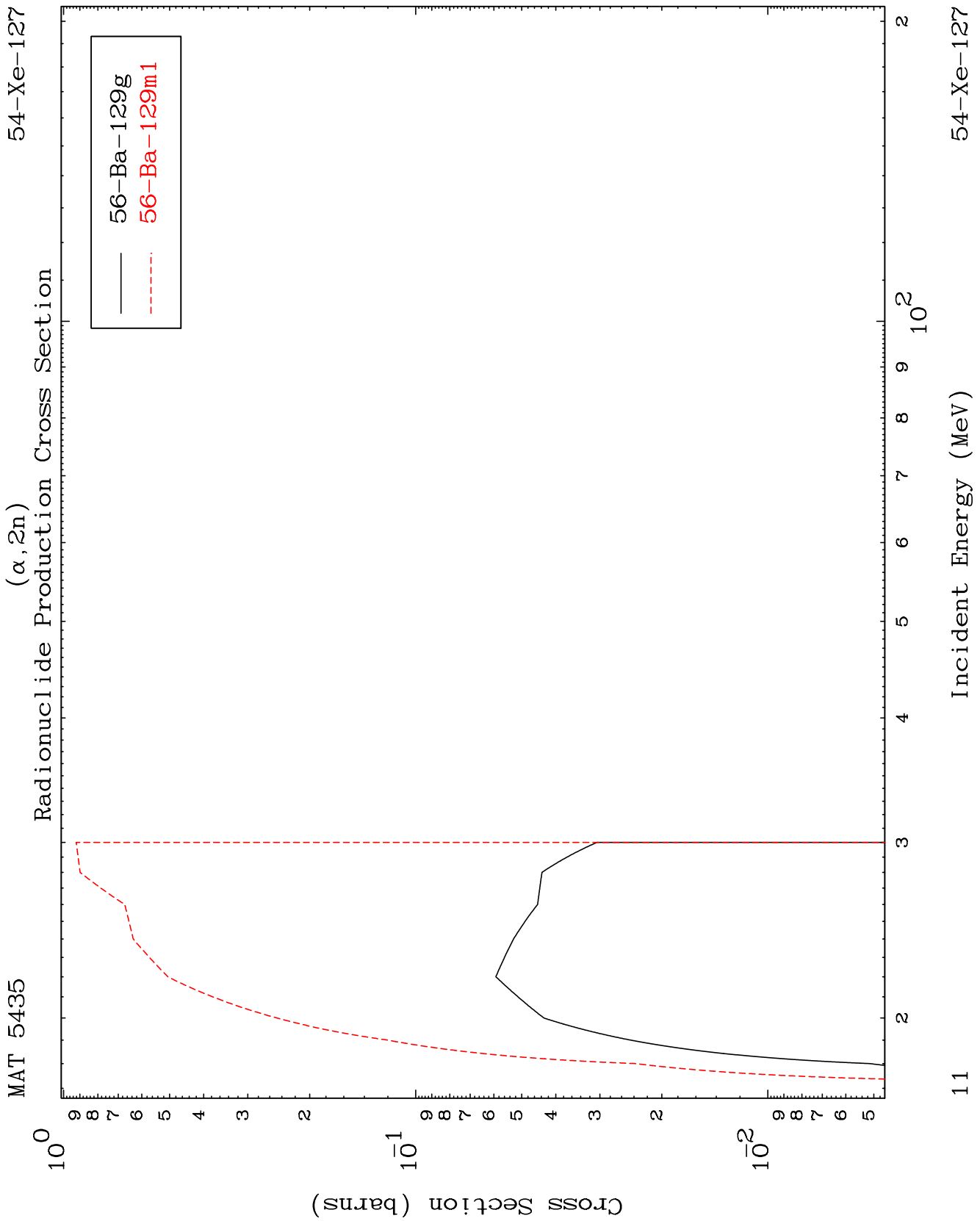
( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections



54-Xe-127

Incident Energy (MeV)

10

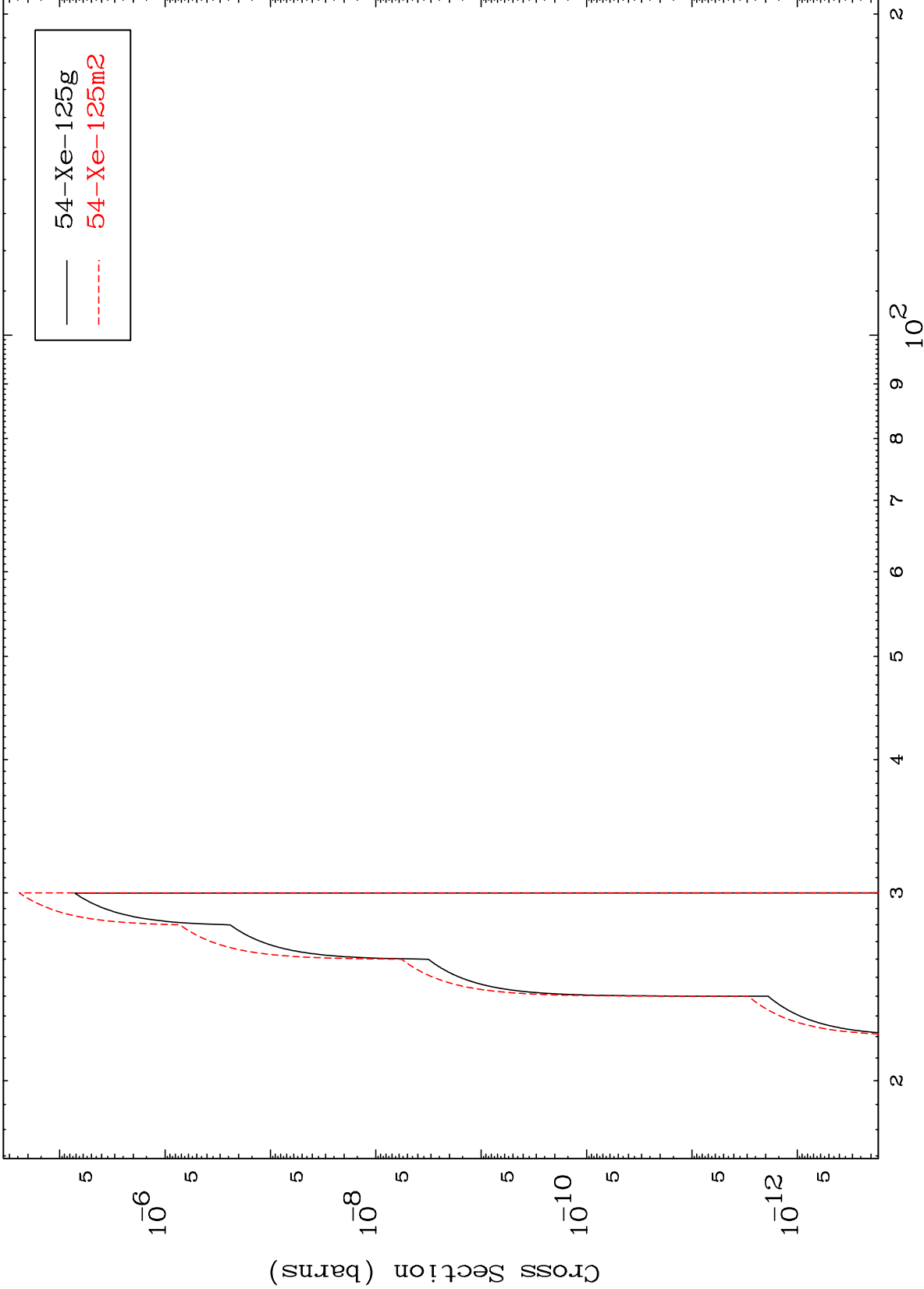


MAT 5435

$(\alpha, 2n) \alpha$

54-Xe-127

Radionuclide Production Cross Section



12

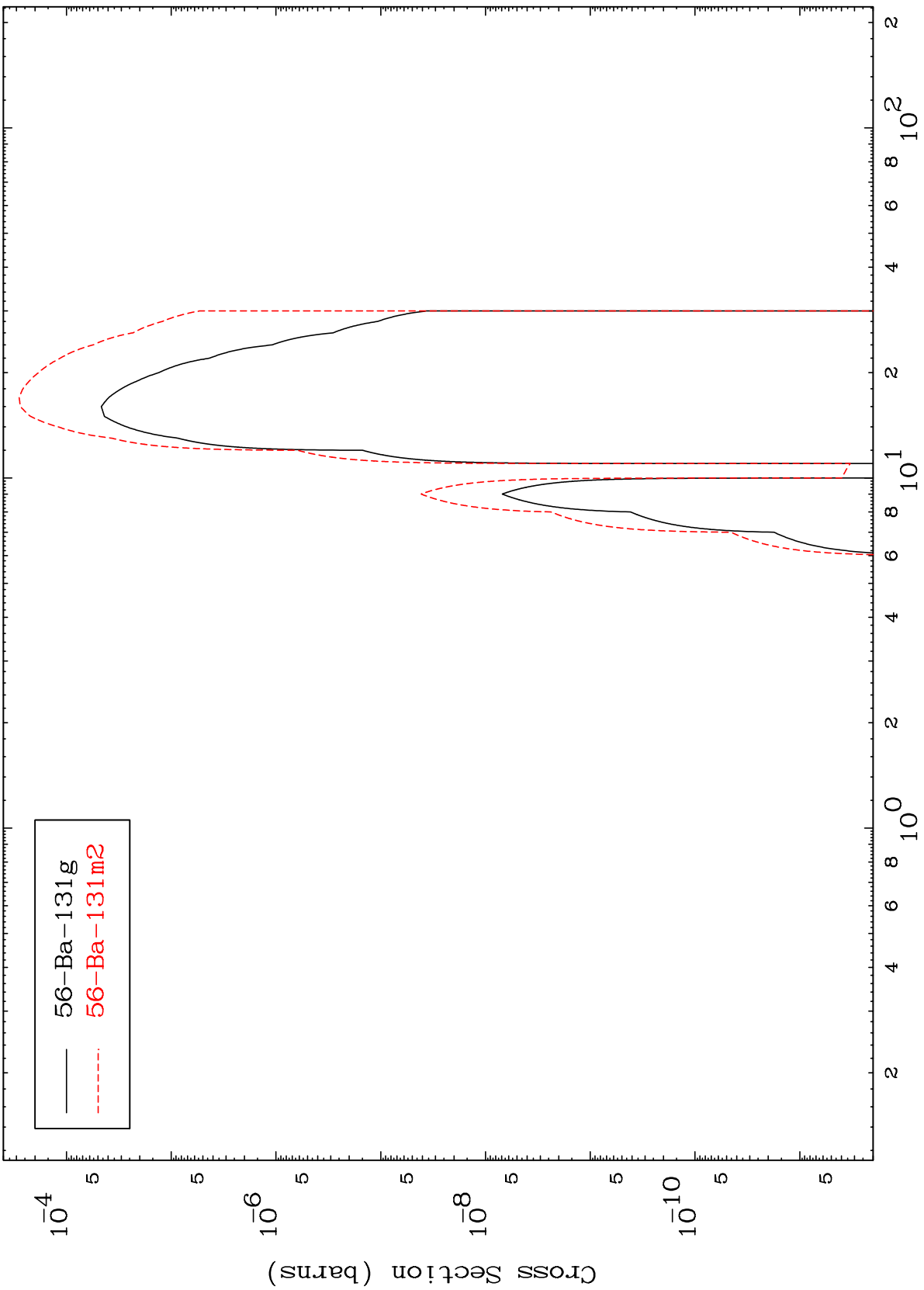
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

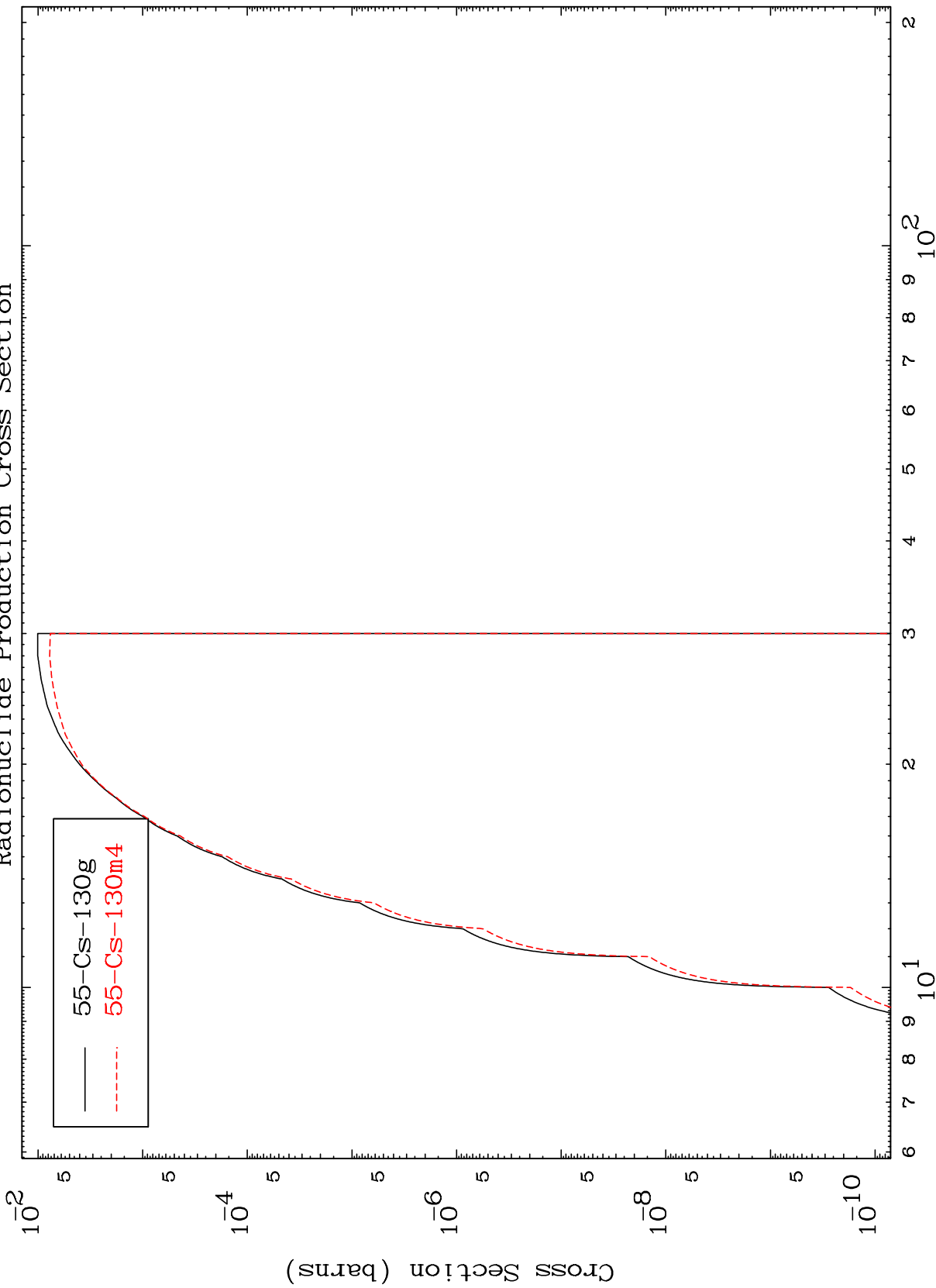
( $\alpha, \gamma$ )  
Radionuclide Production Cross Section



MAT 5435

54-Xe-127

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



14

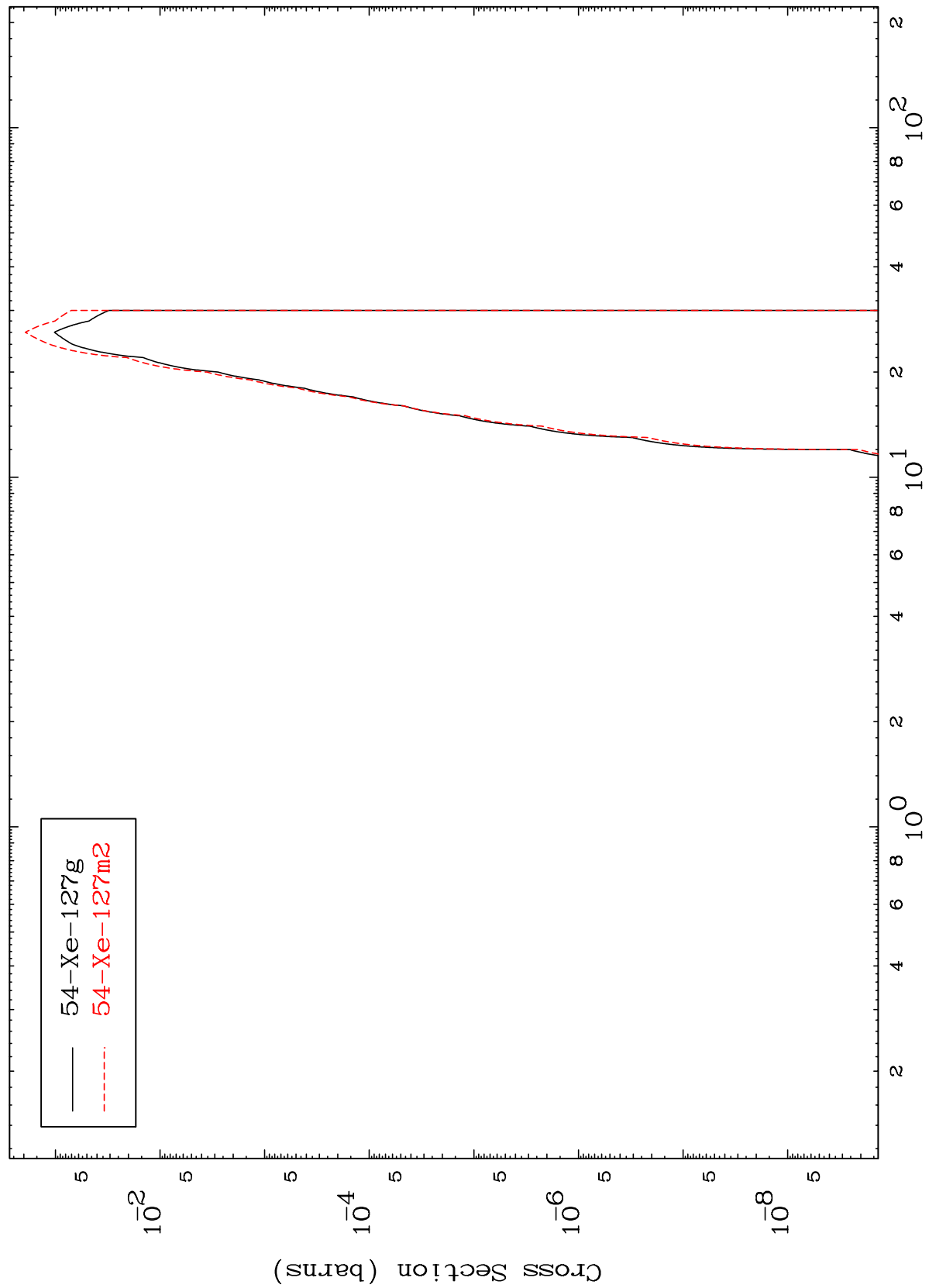
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

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



15

54-Xe-127

Incident Energy (MeV)

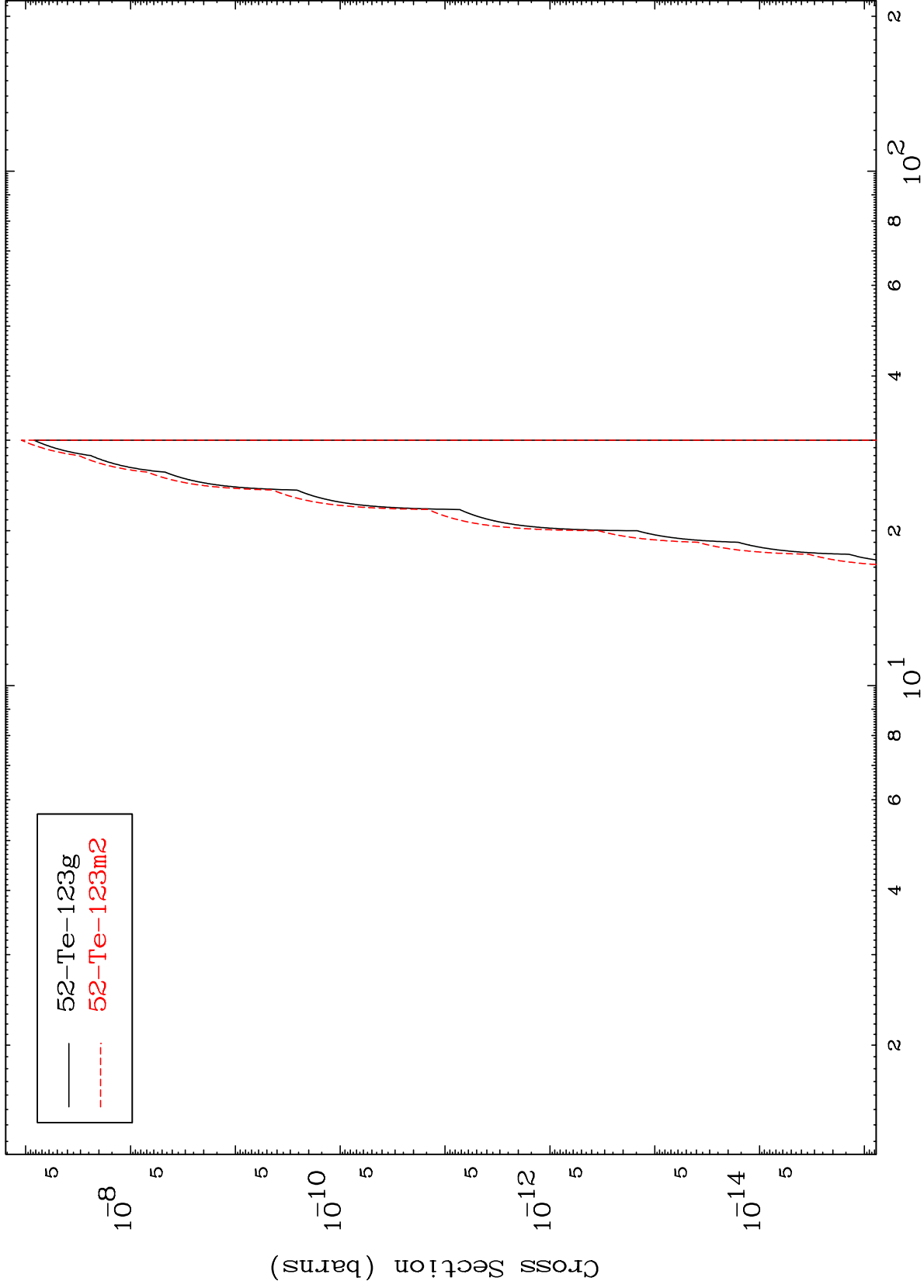


MAT 5435

( $\alpha, 2\alpha$ )

54-Xe-127

Radionuclide Production Cross Section



16

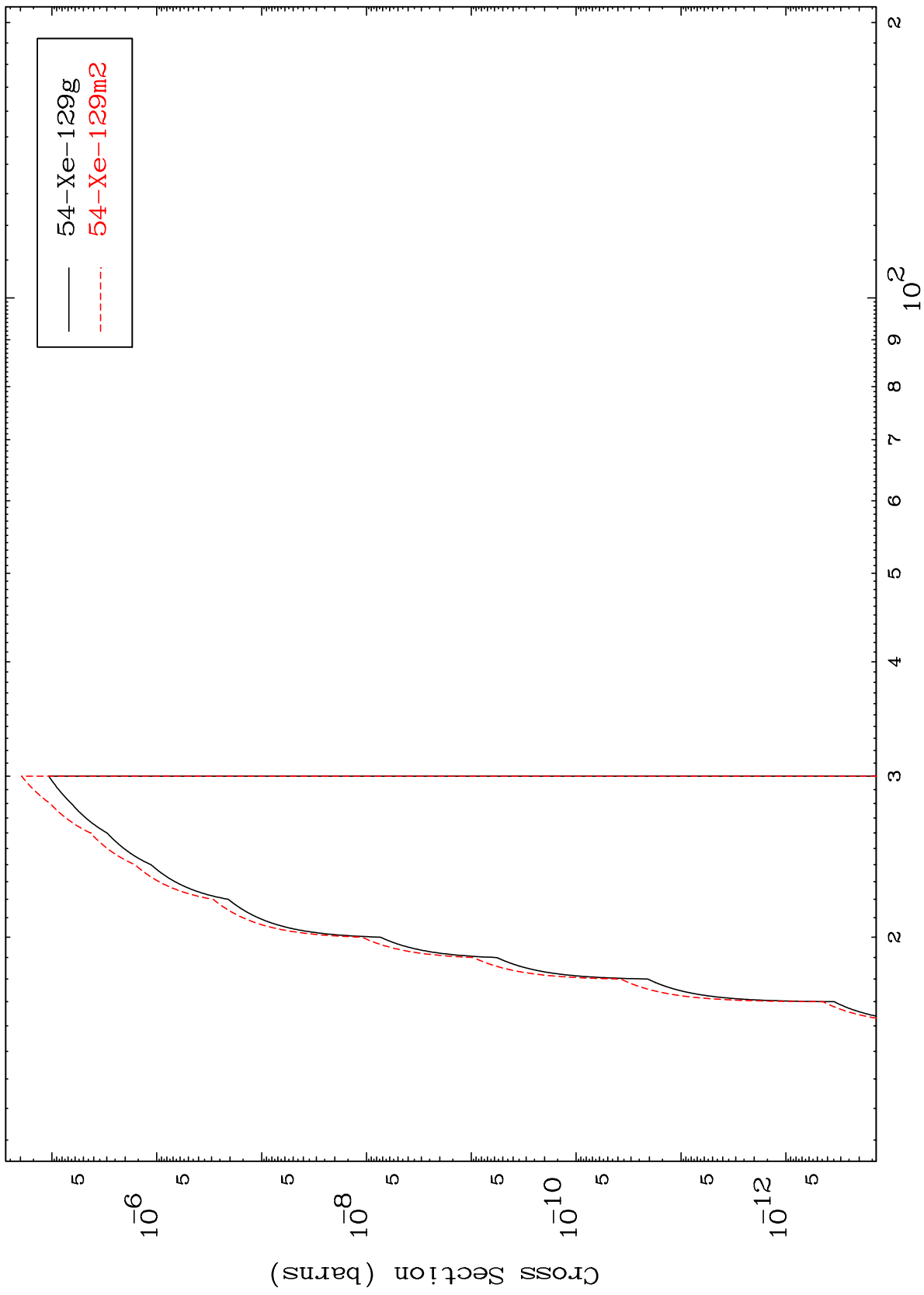
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

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



17

Incident Energy (MeV)

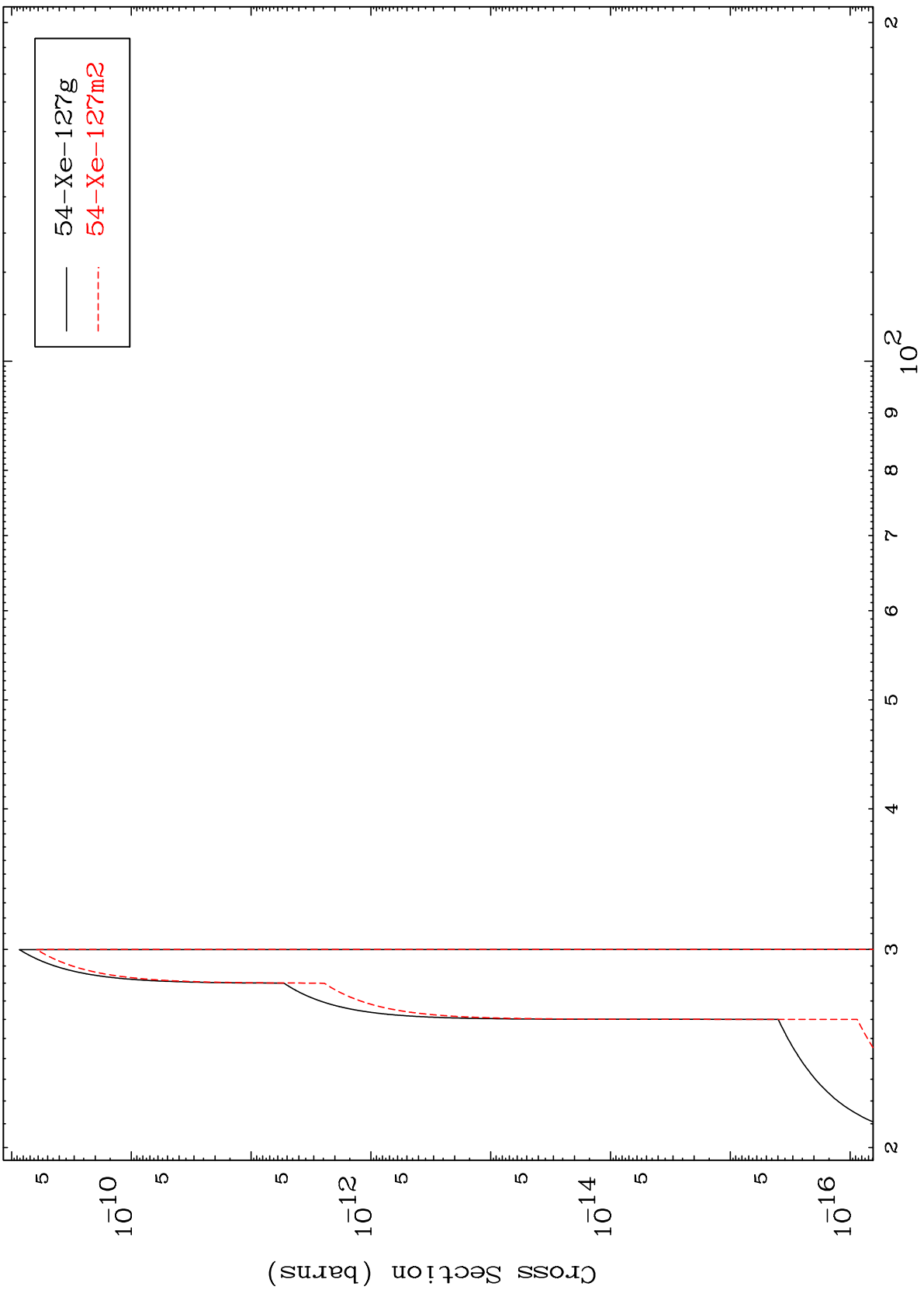
54-Xe-127

MAT 5435

( $\alpha, p$ ) t

54-Xe-127

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-127