

Program EVALPLOT  
(Version 2018-1)

by

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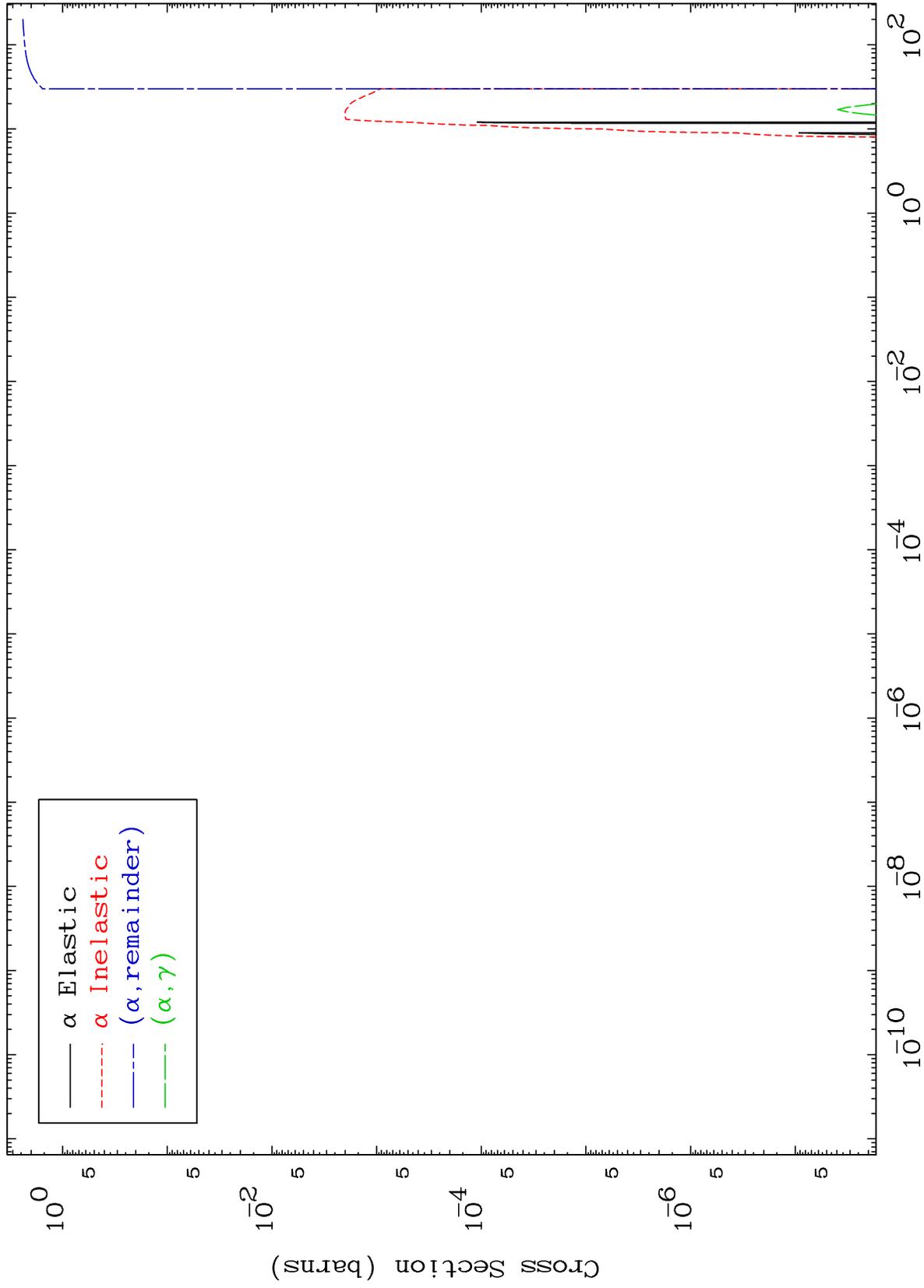
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5479

0 Kelvin  $\alpha$  Major  
Cross Sections

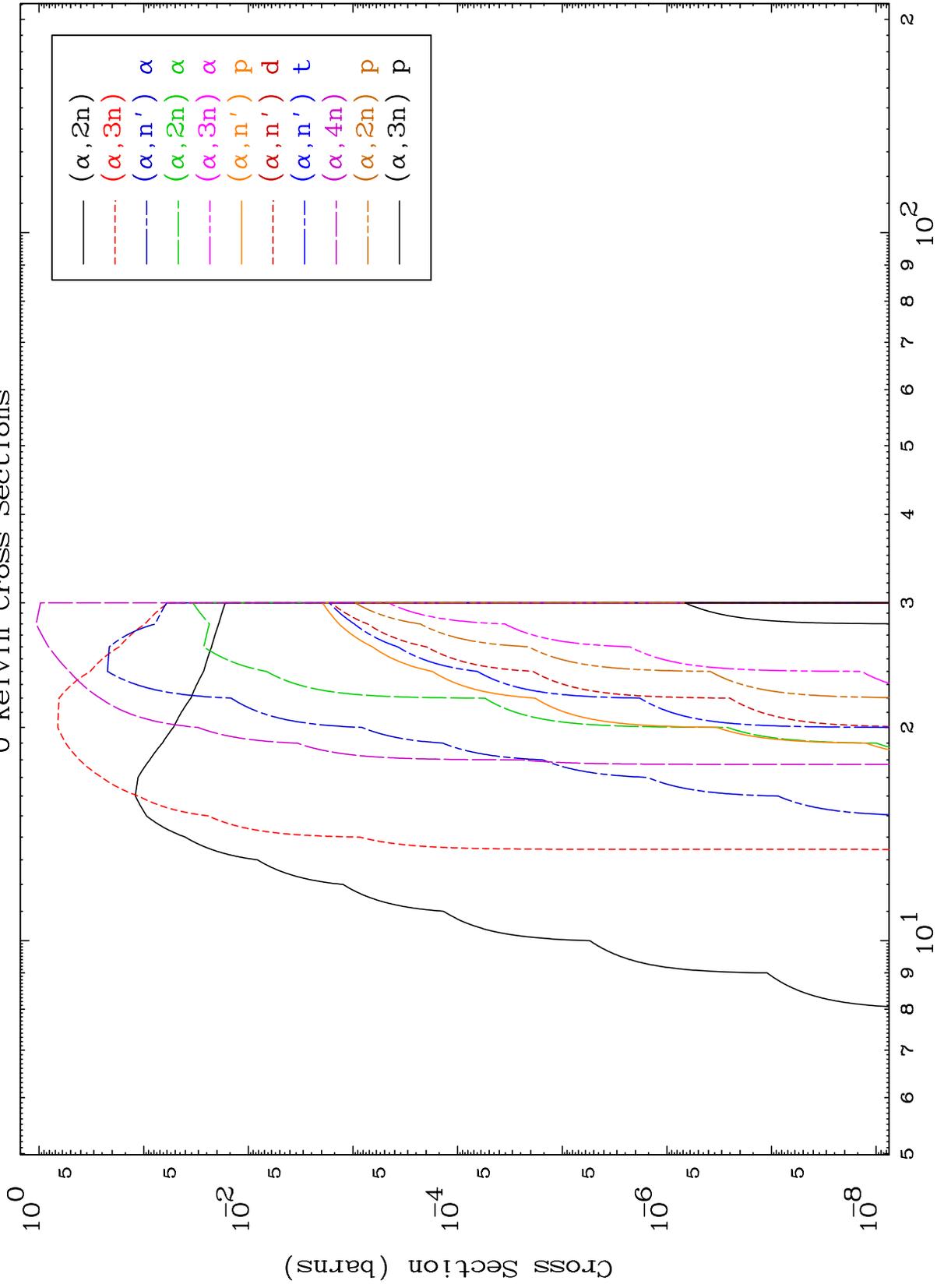
54-Xe-142



1

Incident Energy (MeV)

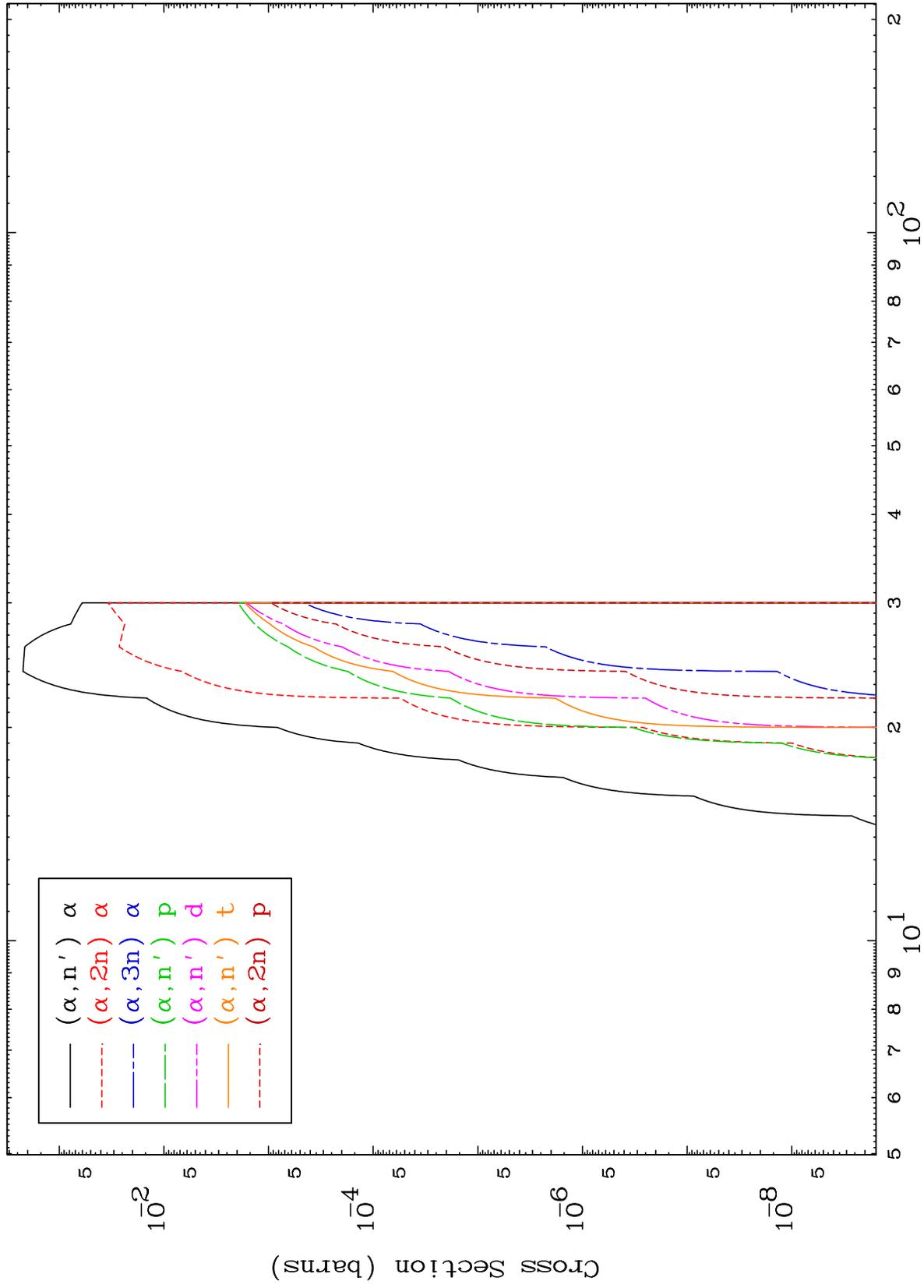
54-Xe-142



MAT 5479

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

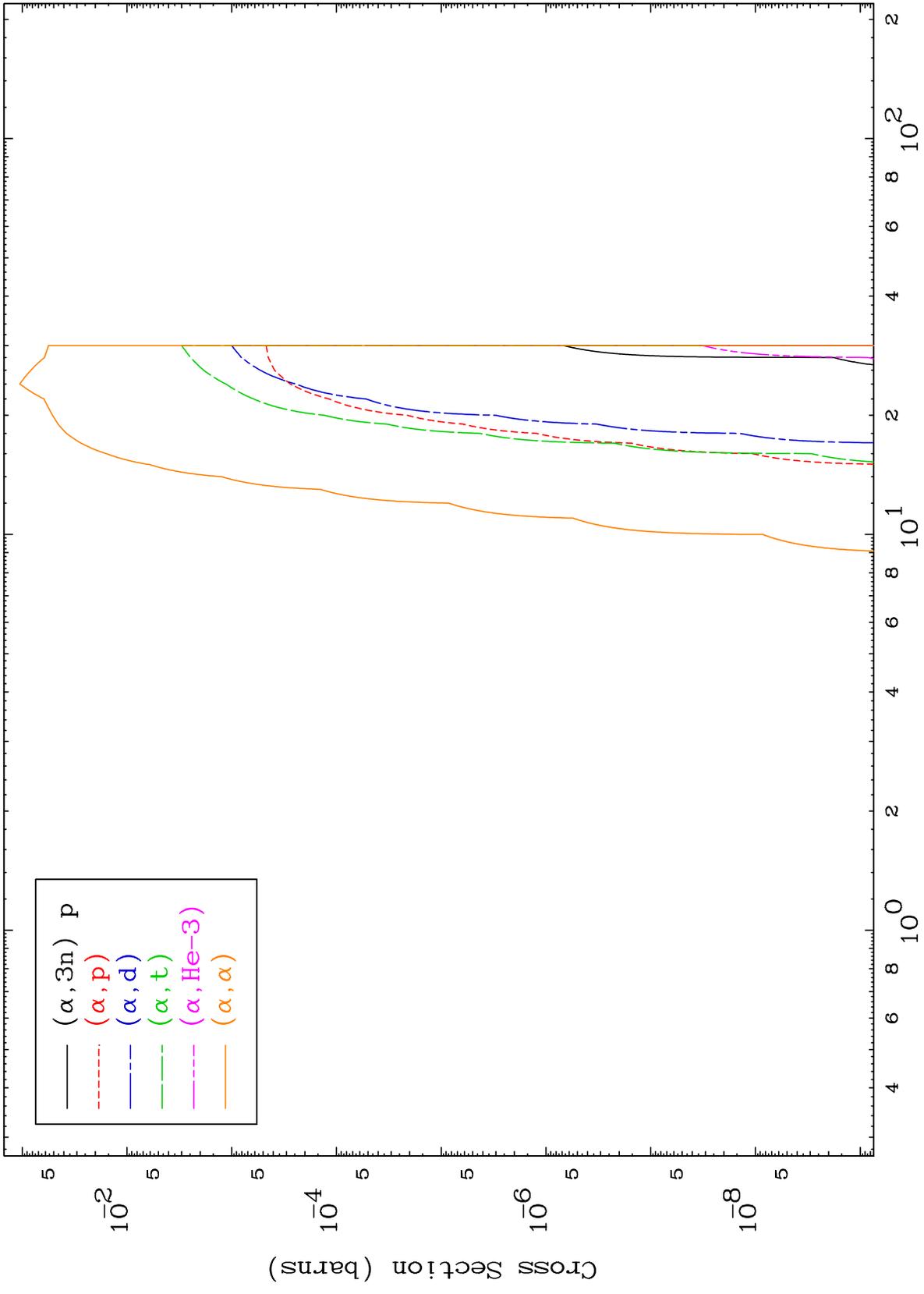
54-Xe-142



3

Incident Energy (MeV)

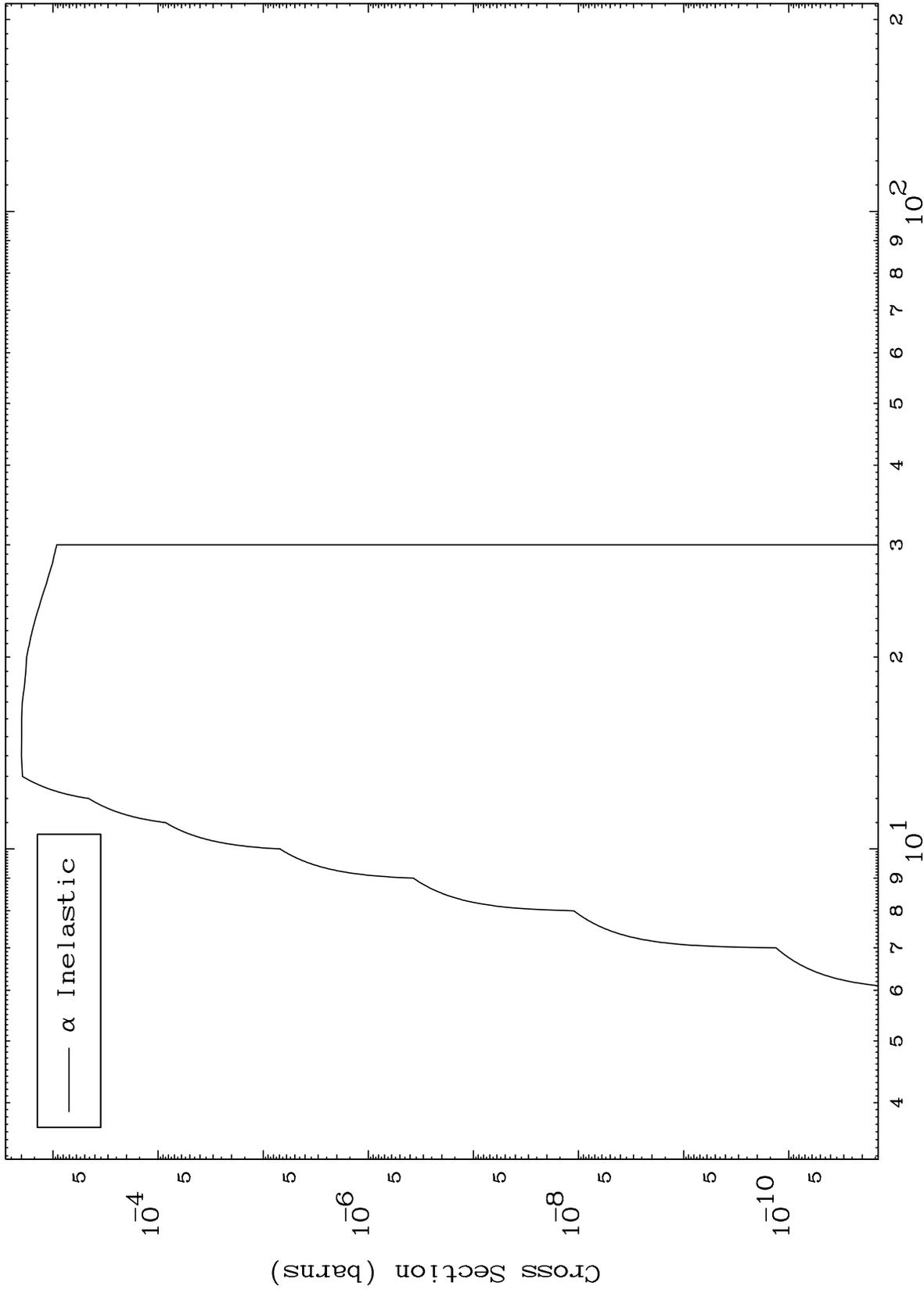
54-Xe-142



MAT 5479

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

54-Xe-142



5

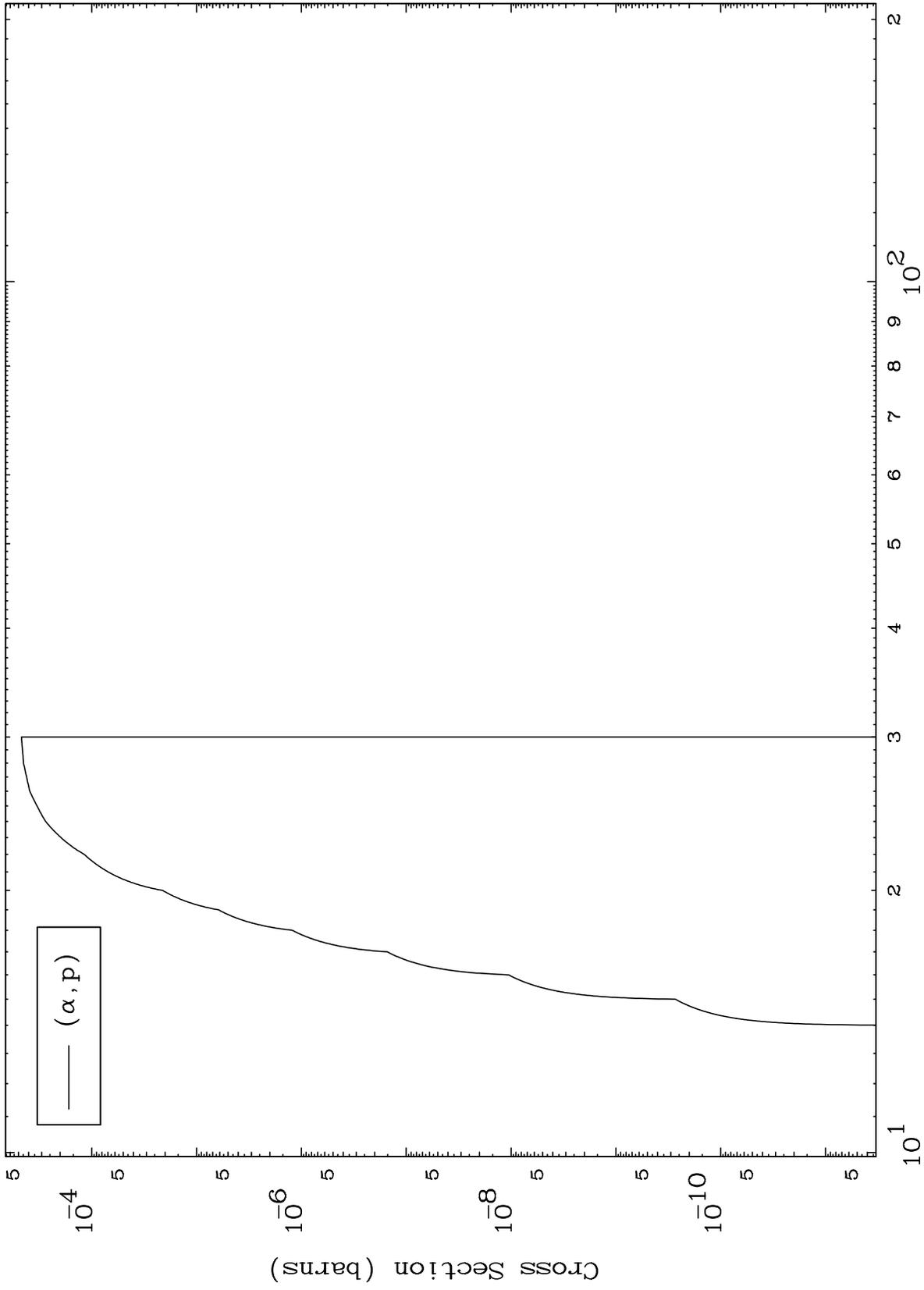
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



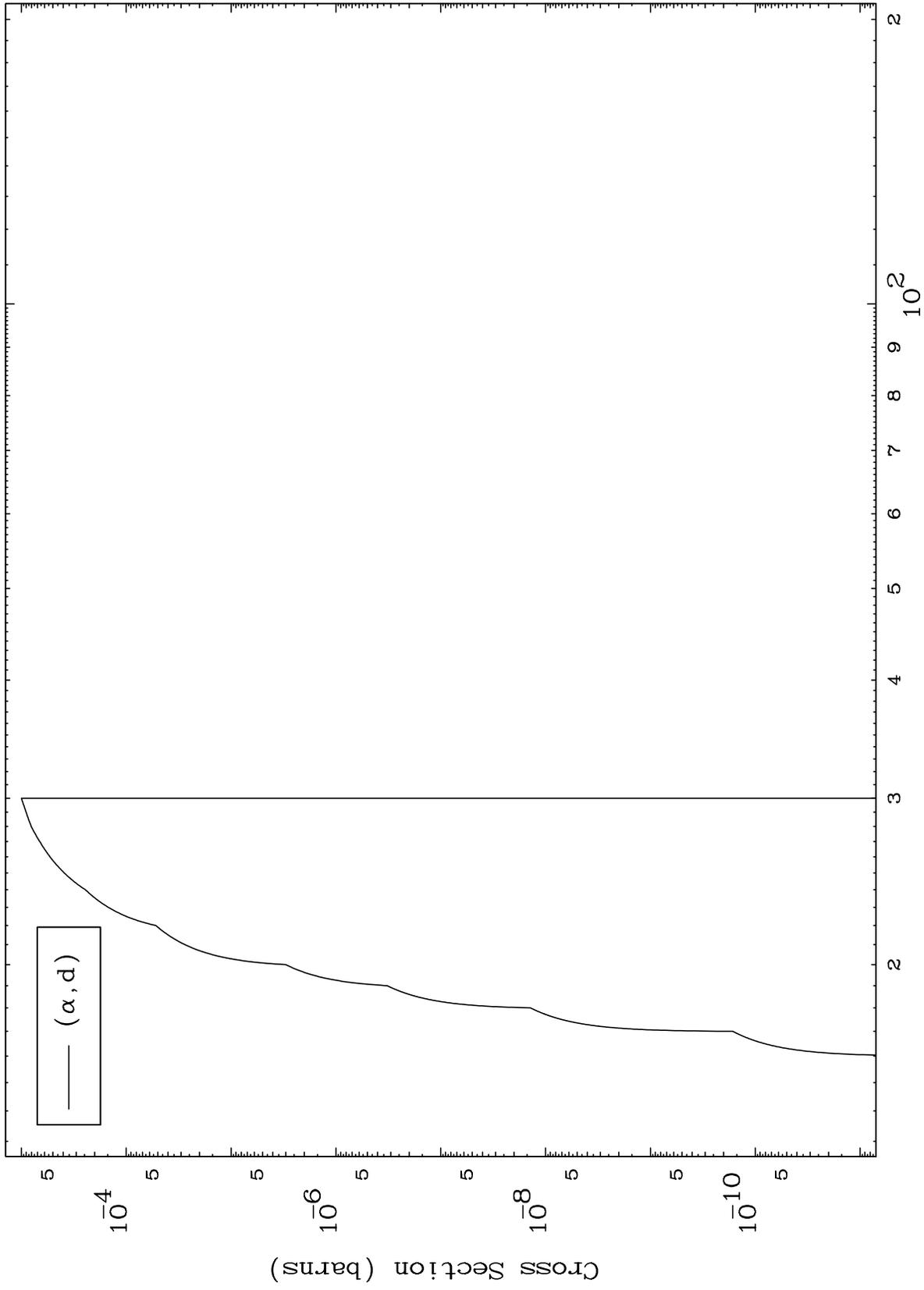
6

54-Xe-142

MAT 5479

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

54-Xe-142



7

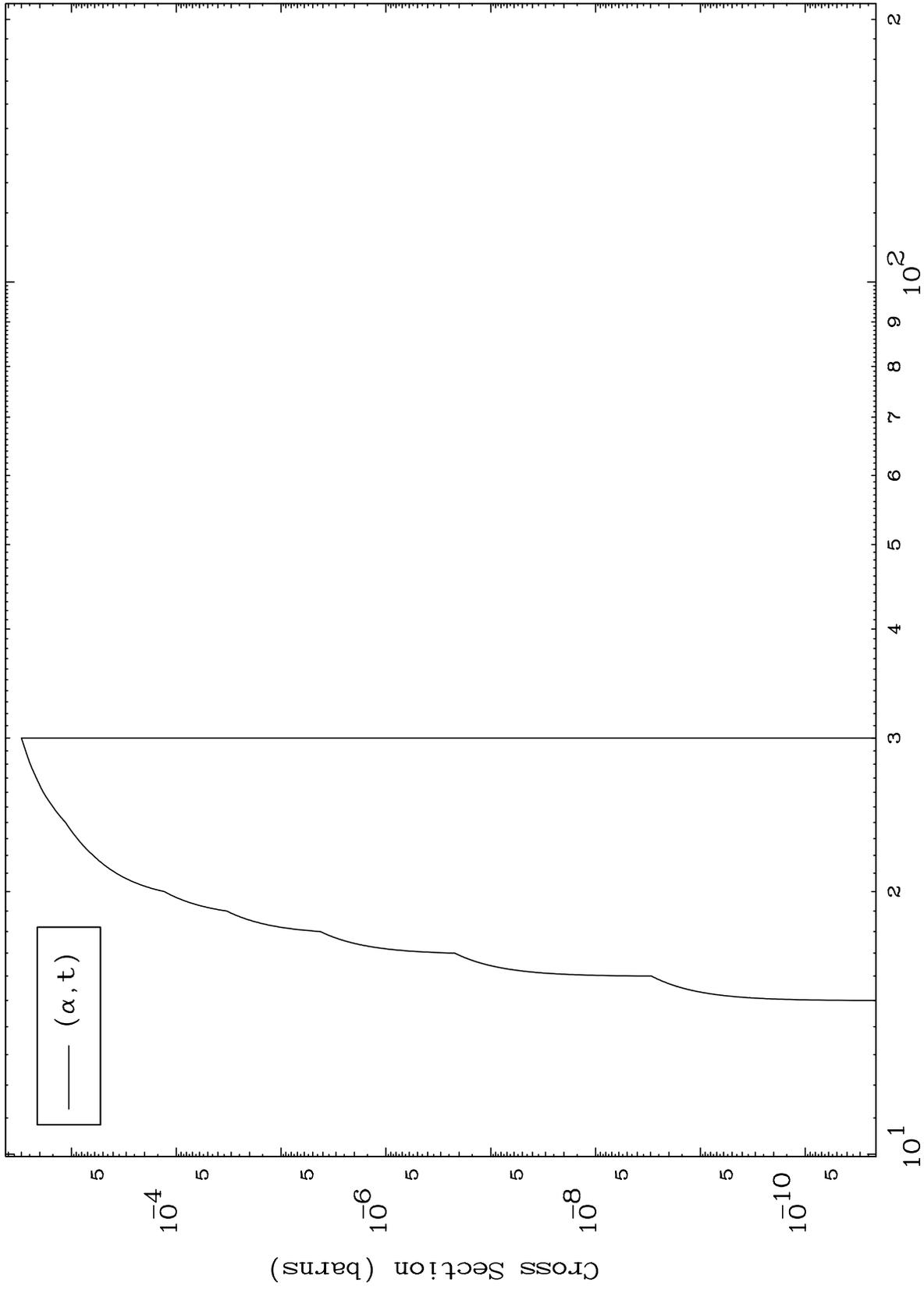
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



8

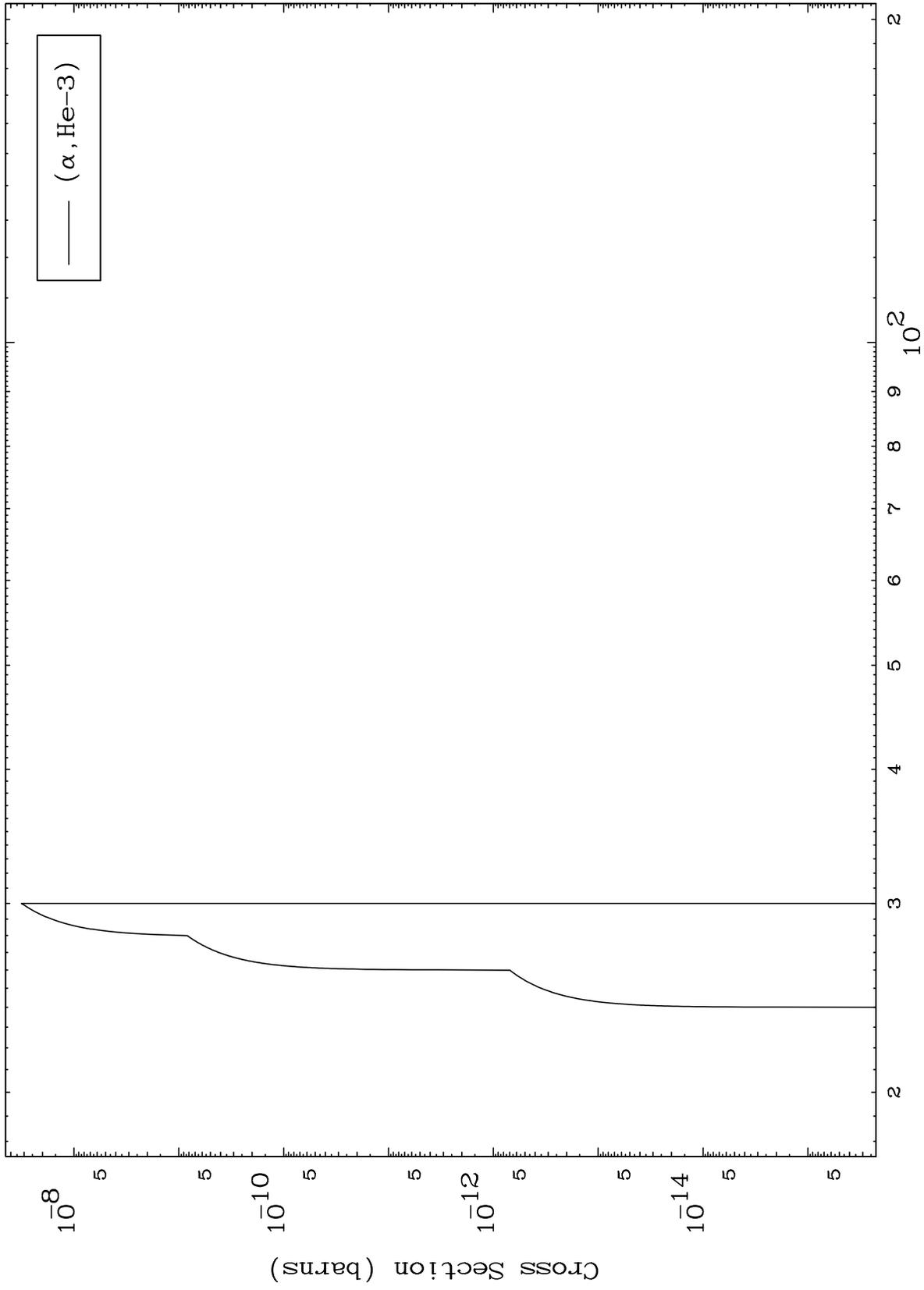
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



9

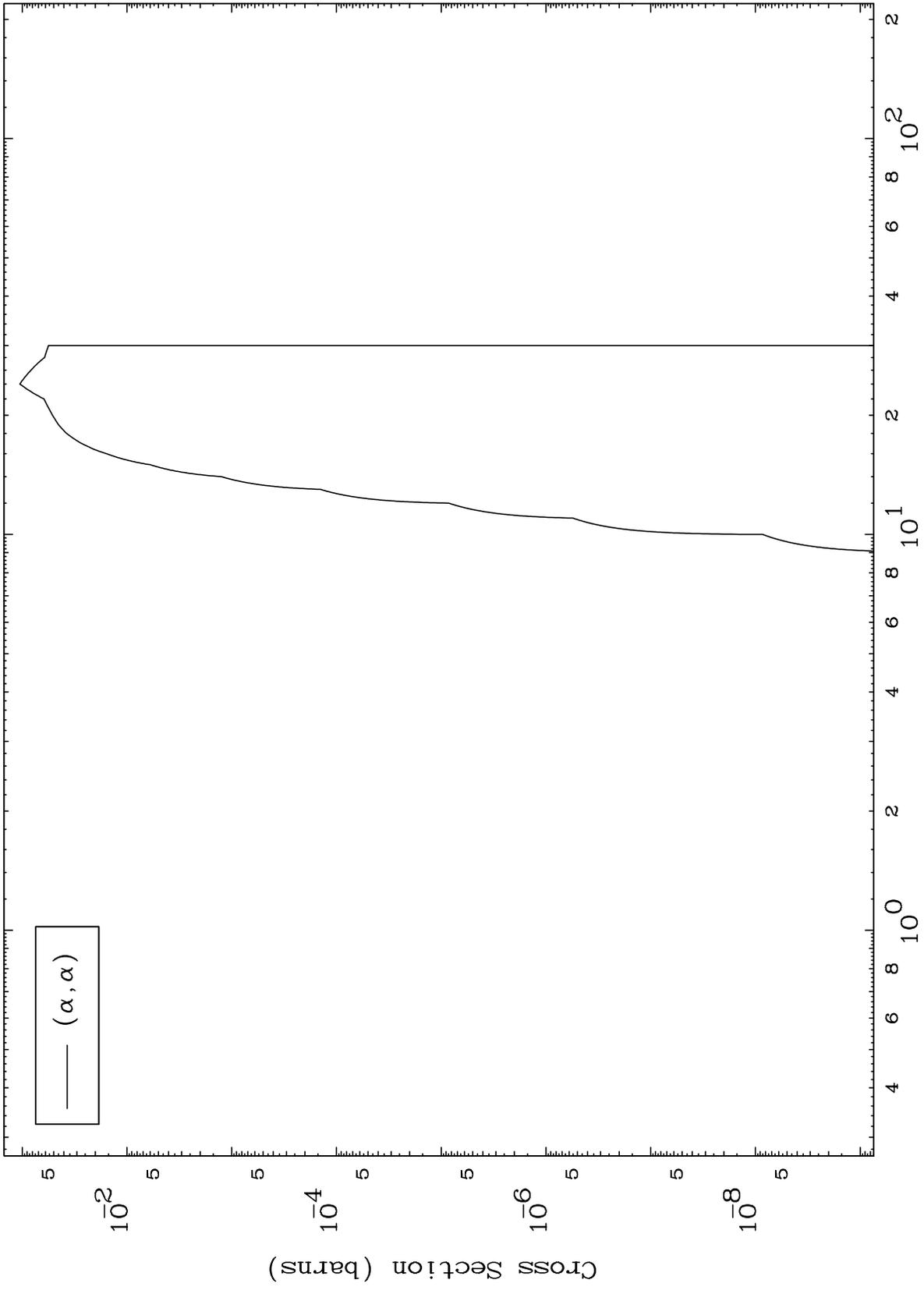
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



10

Incident Energy (MeV)

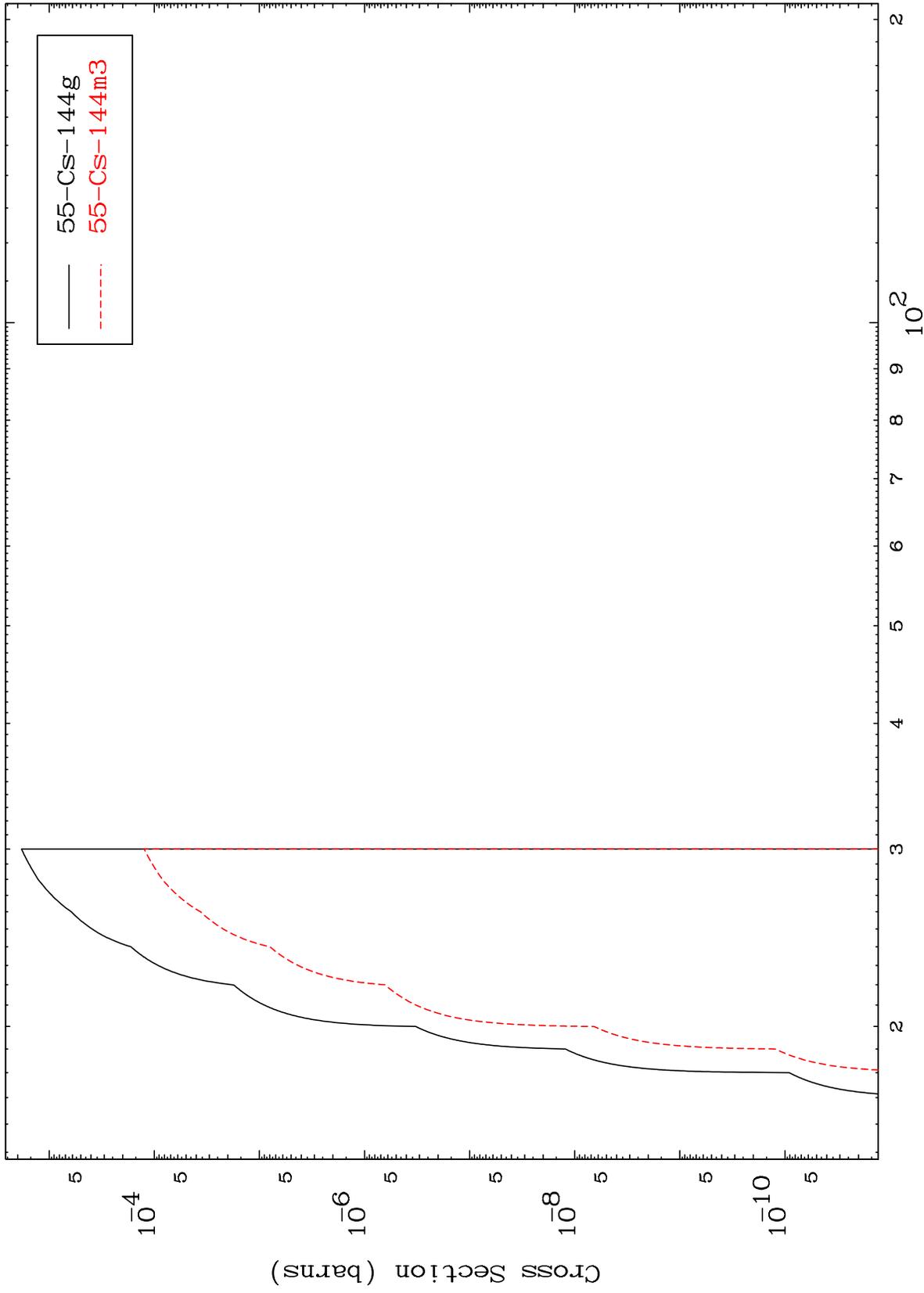
54-Xe-142

MAT 5479

( $\alpha, n'$ ) p

54-Xe-142

Radionuclide Production Cross Section



11

Incident Energy (MeV)

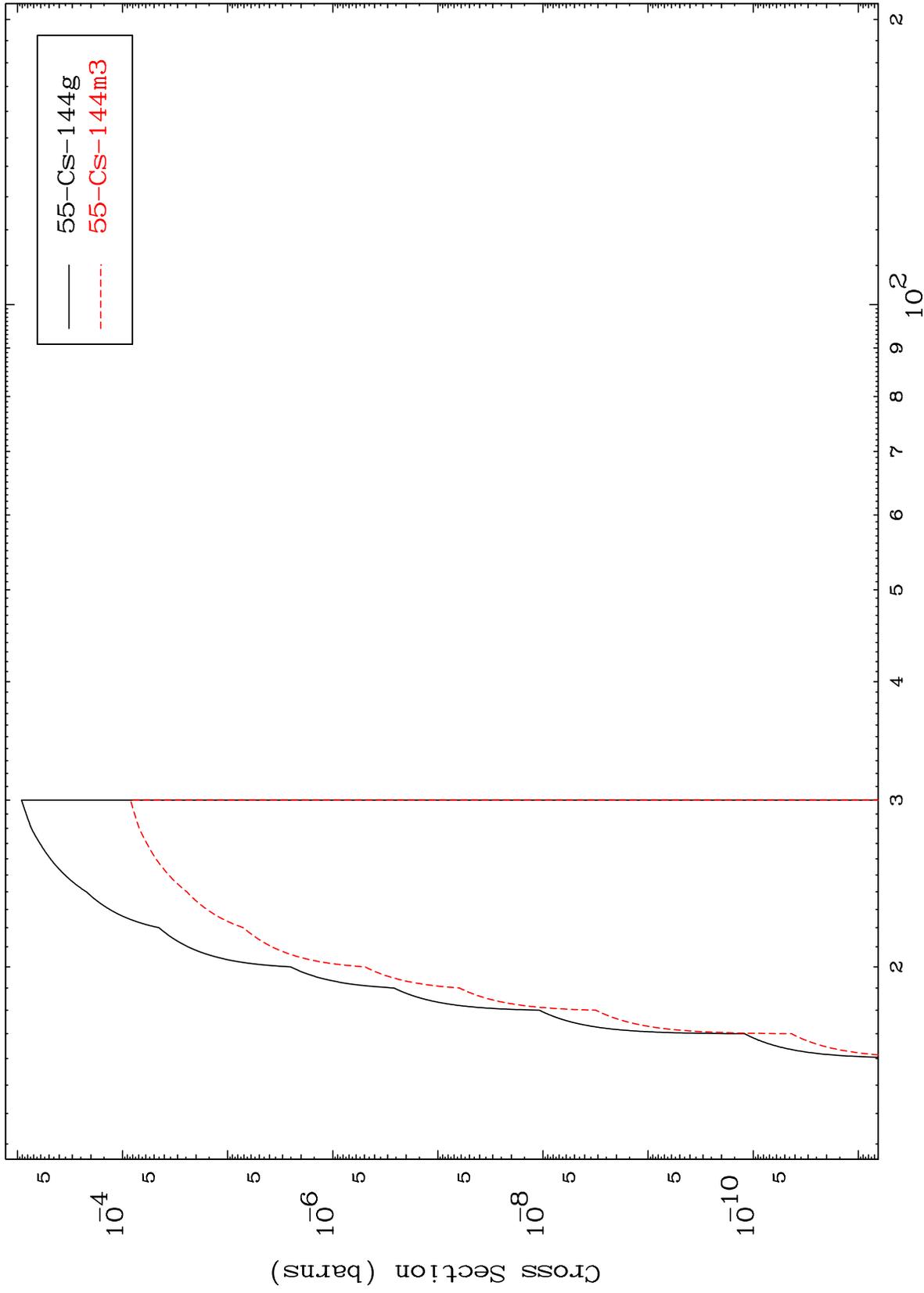
54-Xe-142

MAT 5479

( $\alpha, d$ )

54-Xe-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

54-Xe-142