

Program EVALPLOT  
(Version 2021-1)

by

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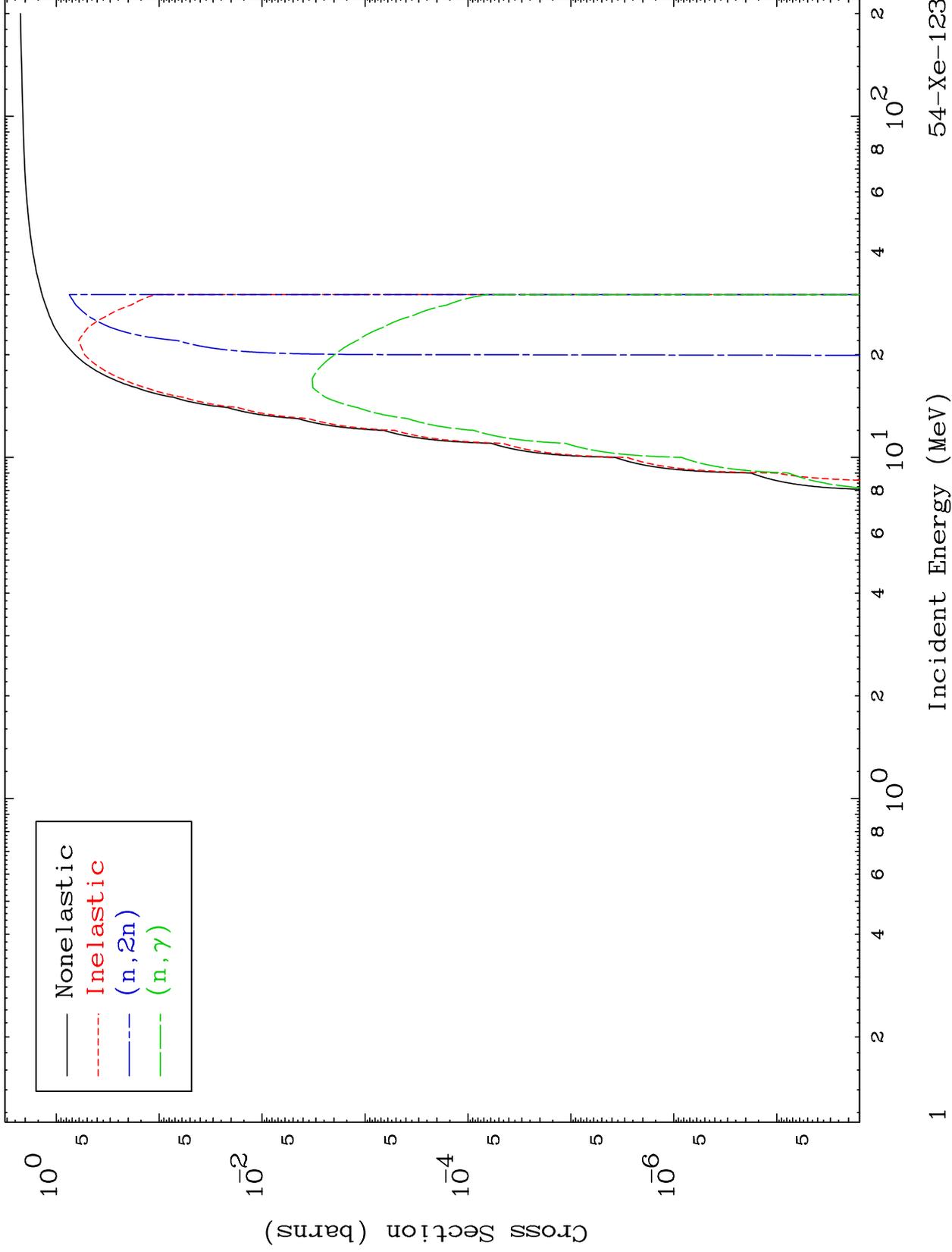
Press Mouse Button to Start

MAT 5422

0 Kelvin

$\alpha$  Major Cross Sections

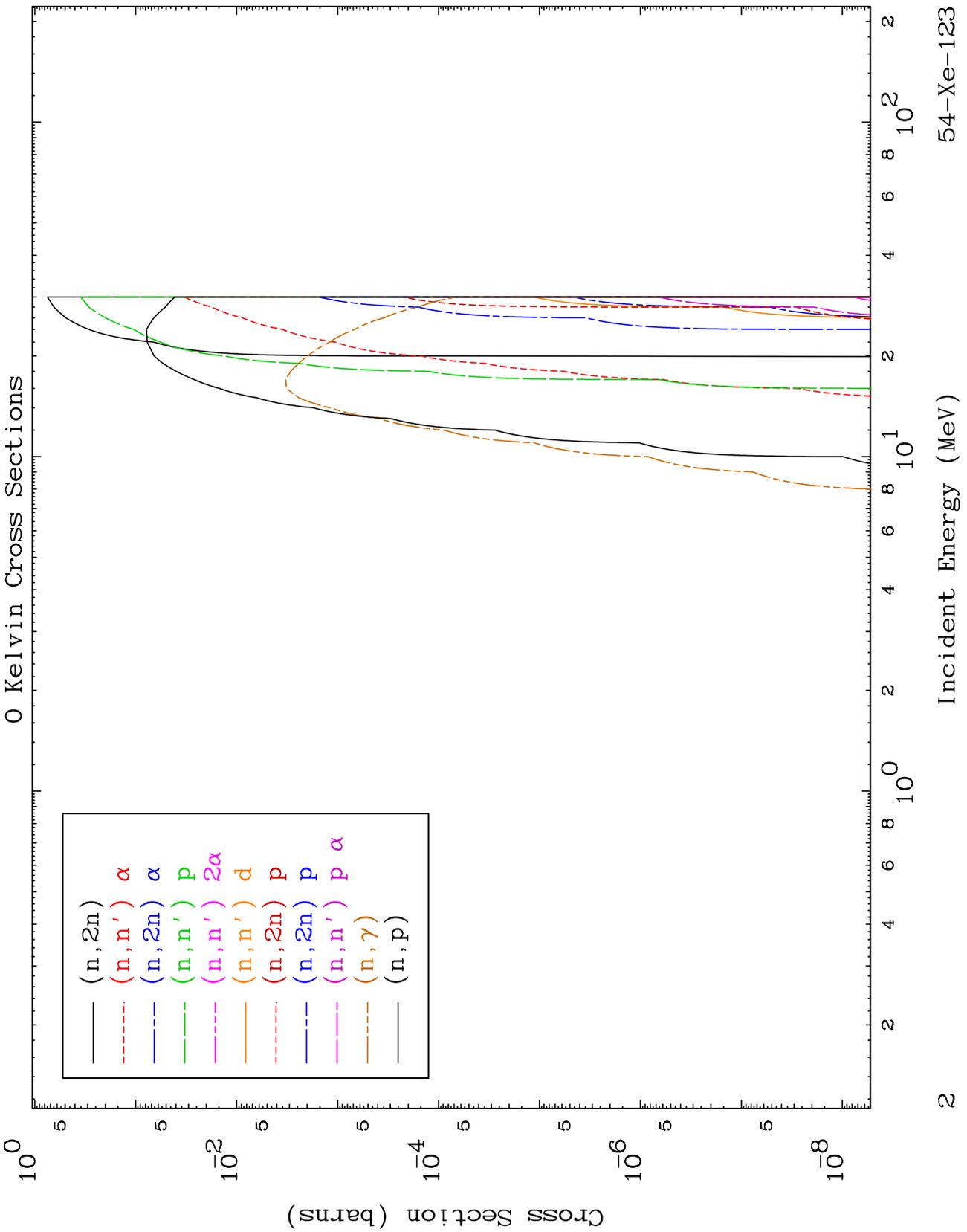
54-Xe-123

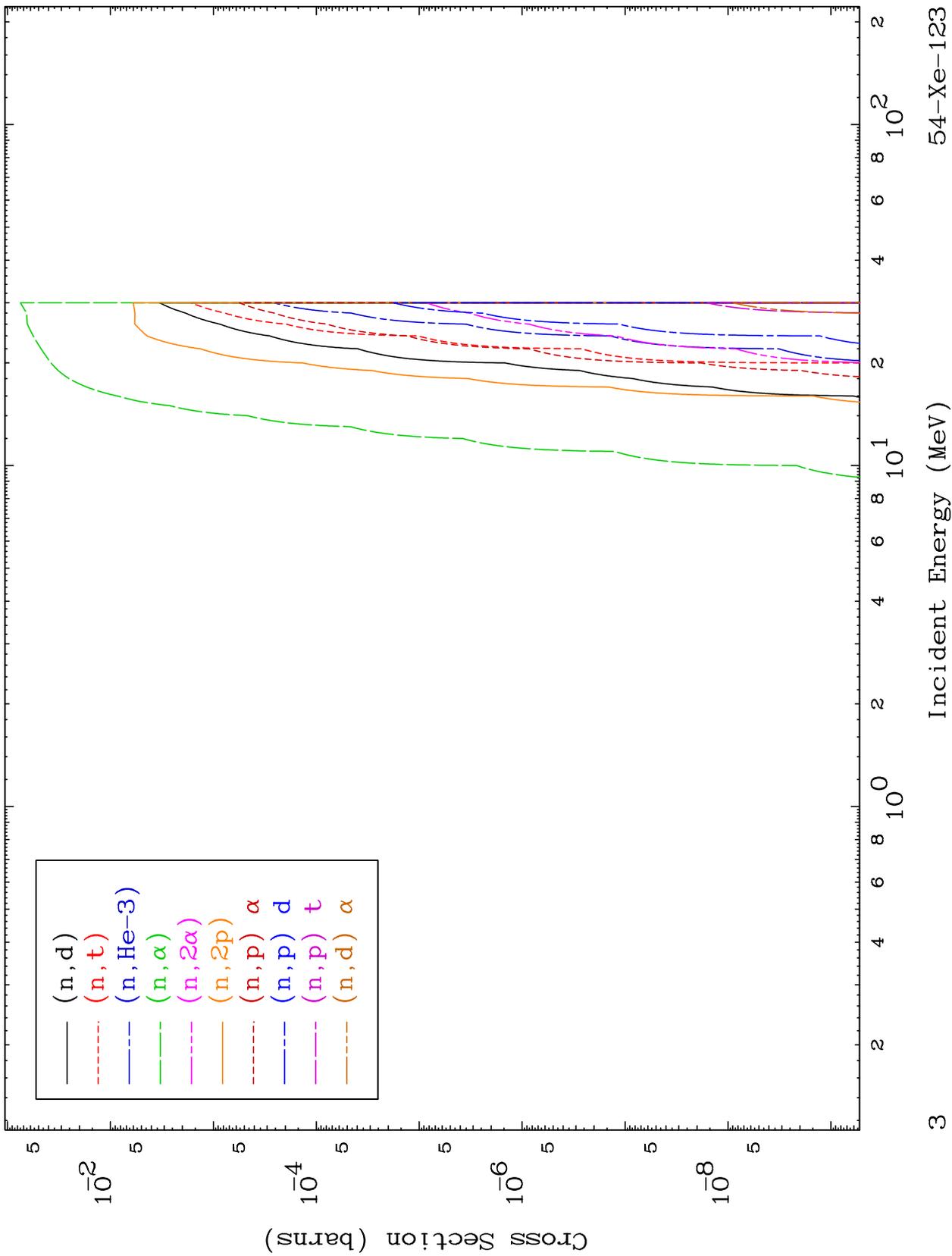


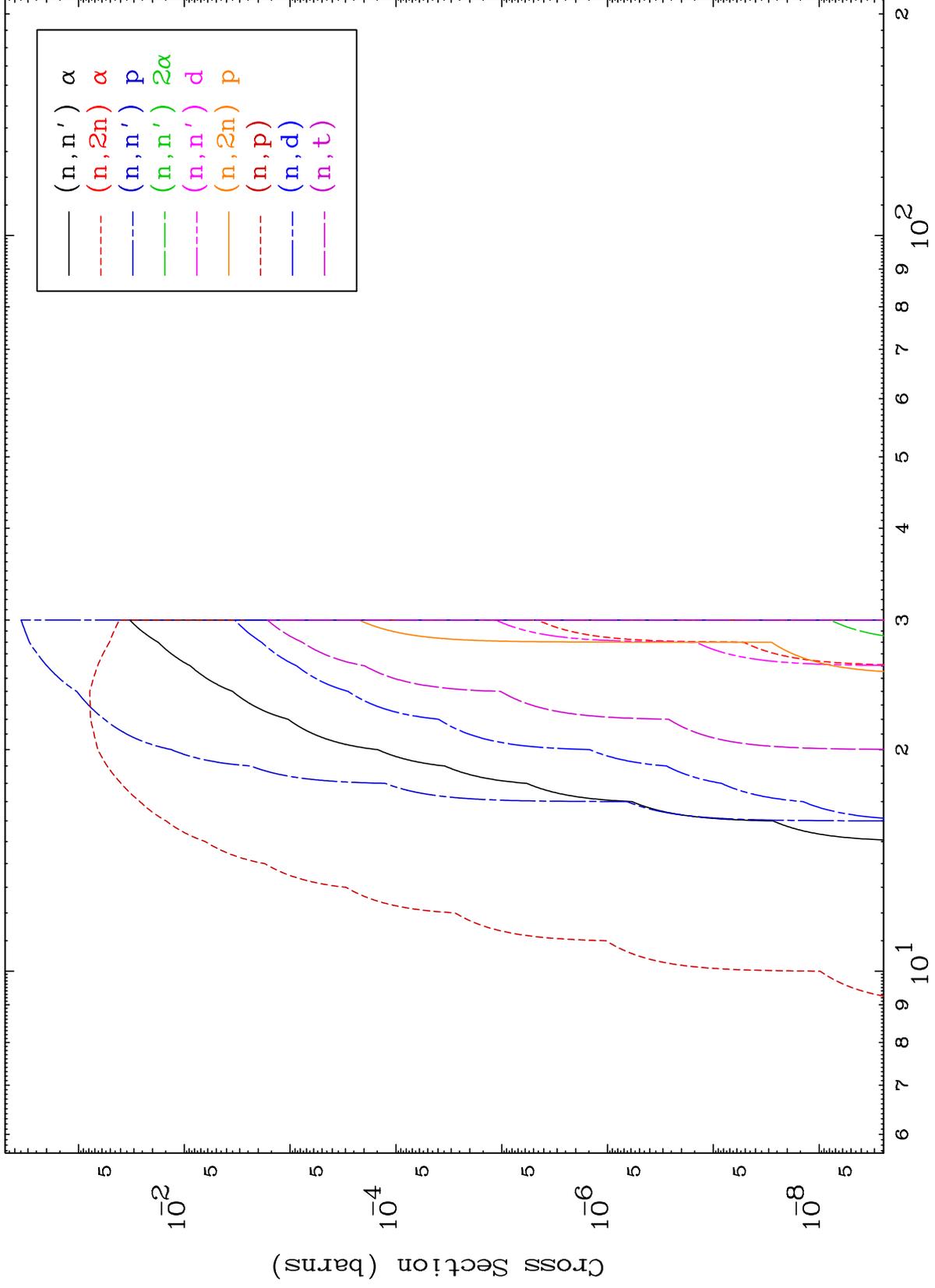
MAT 5422

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

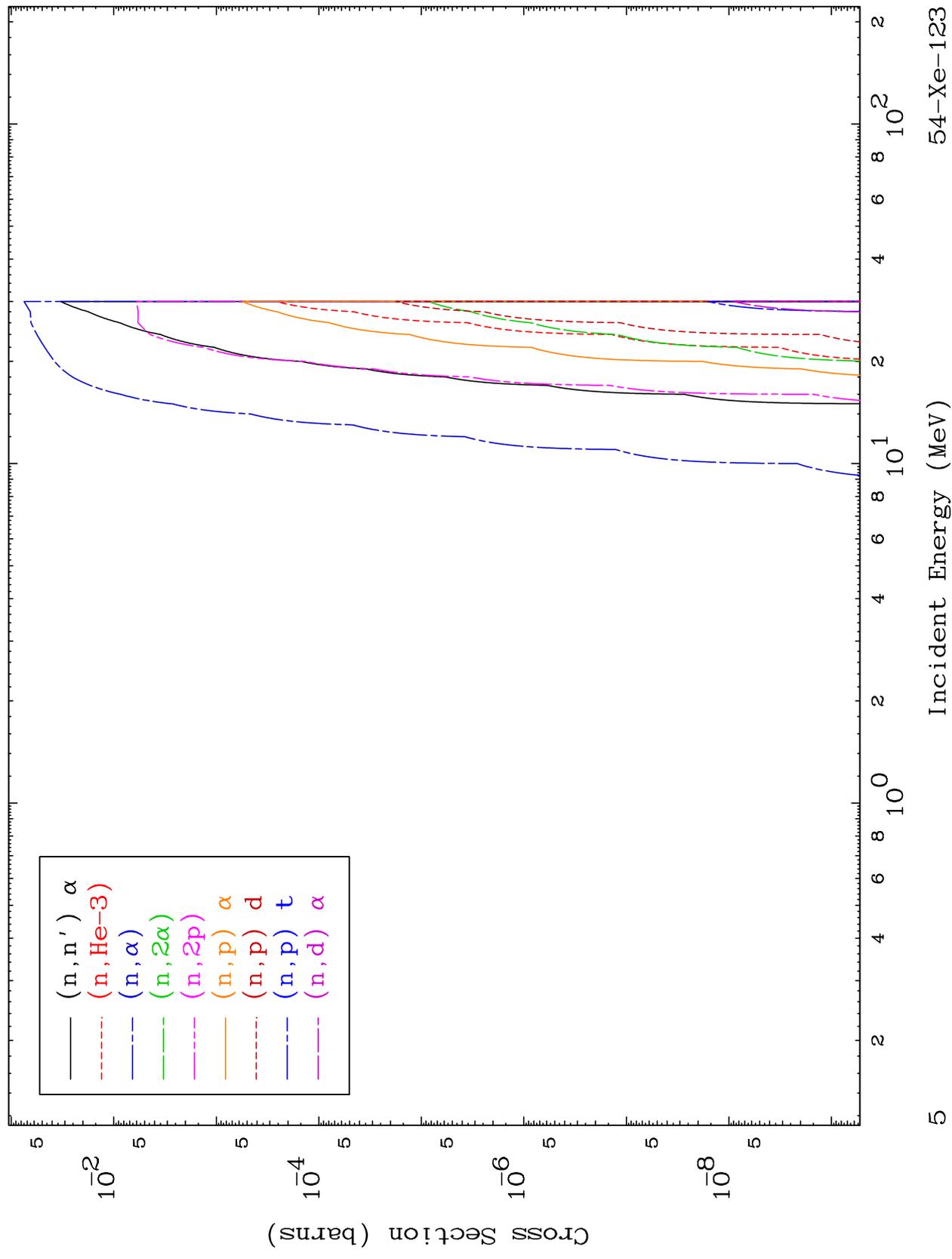
54-Xe-123







0 Kelvin Cross Sections

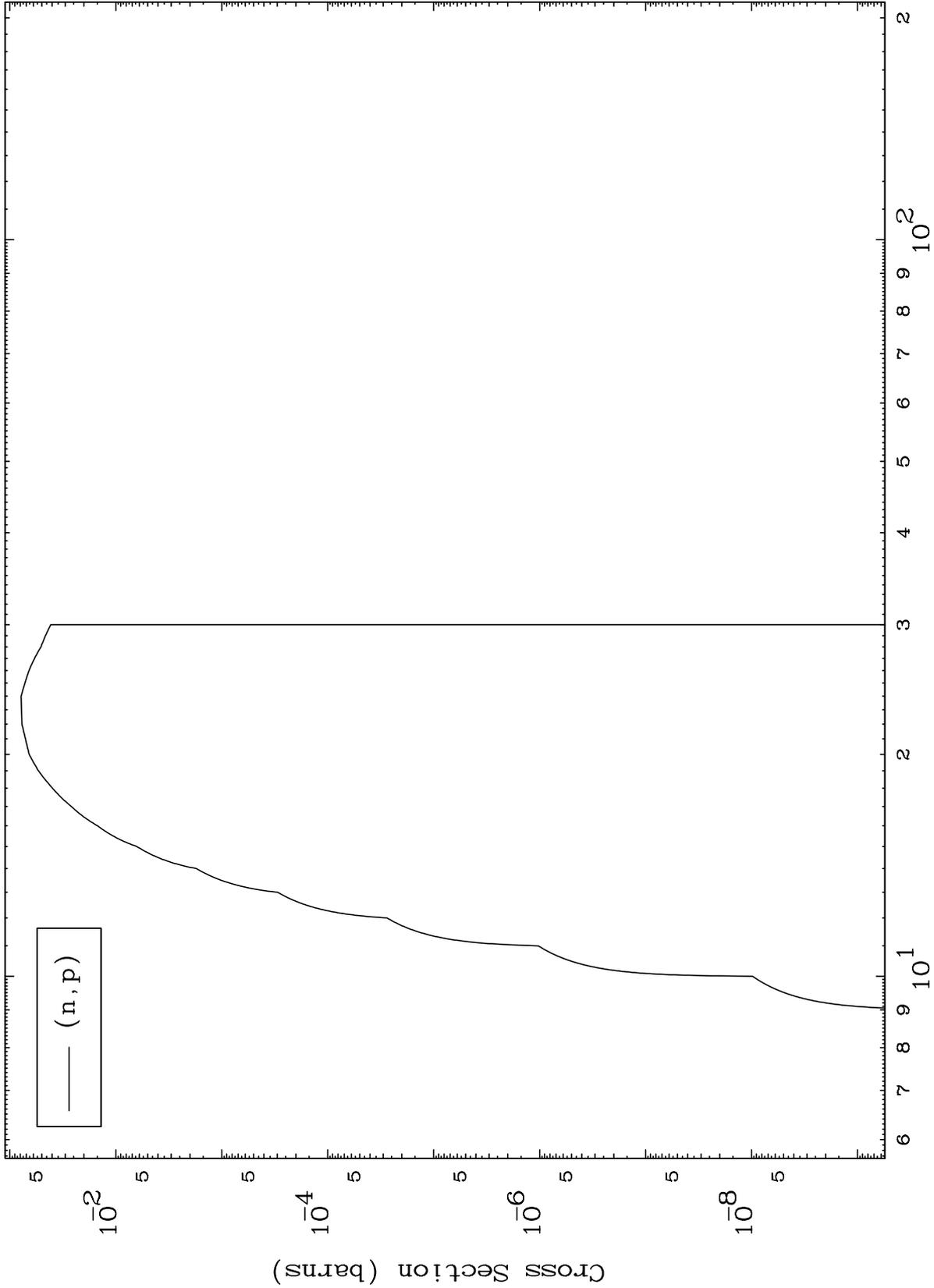


MAT 5422

( $\alpha, p$ ) Levels

54-Xe-123

0 Kelvin Cross Sections



(n, p)

6

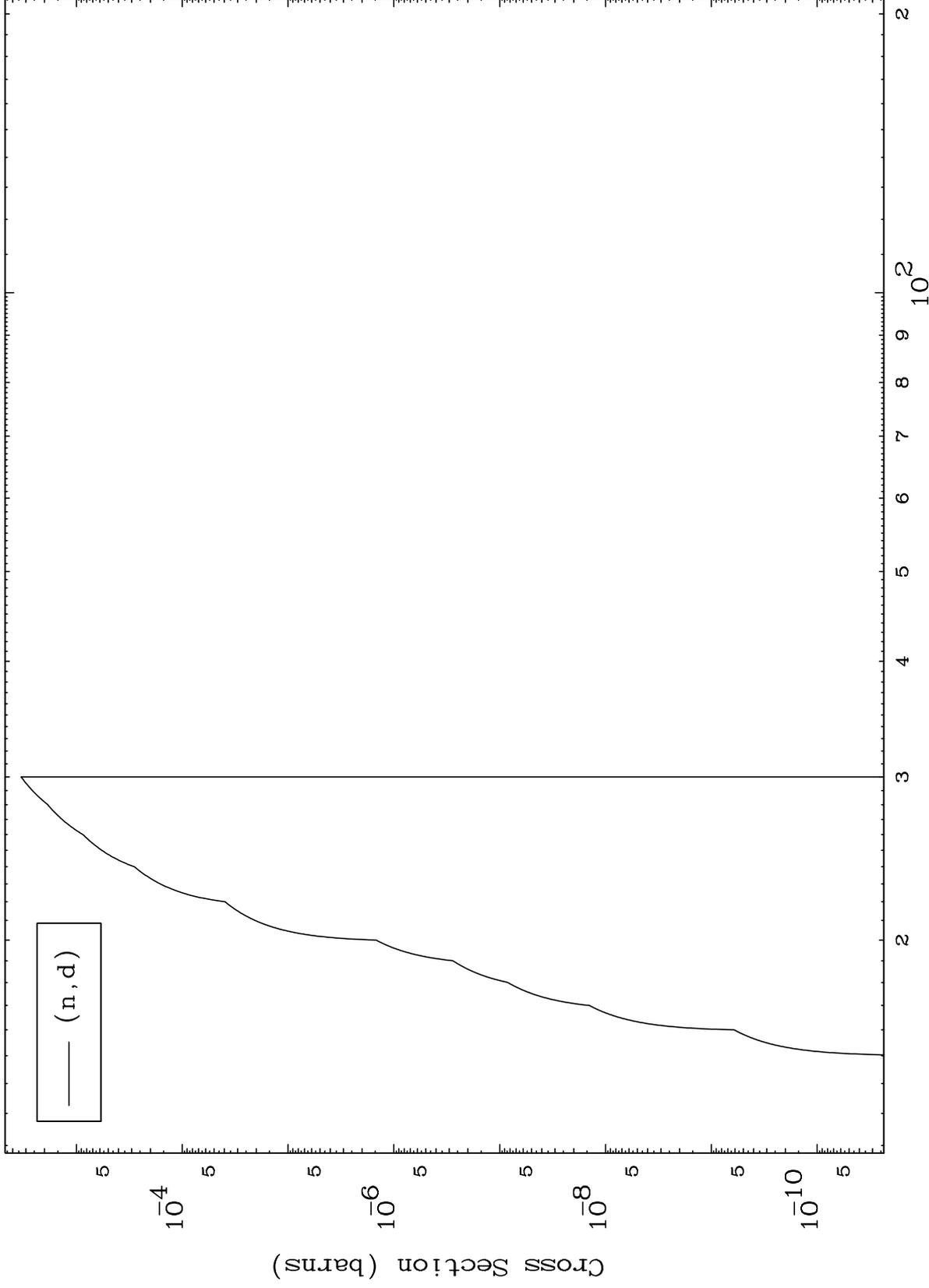
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

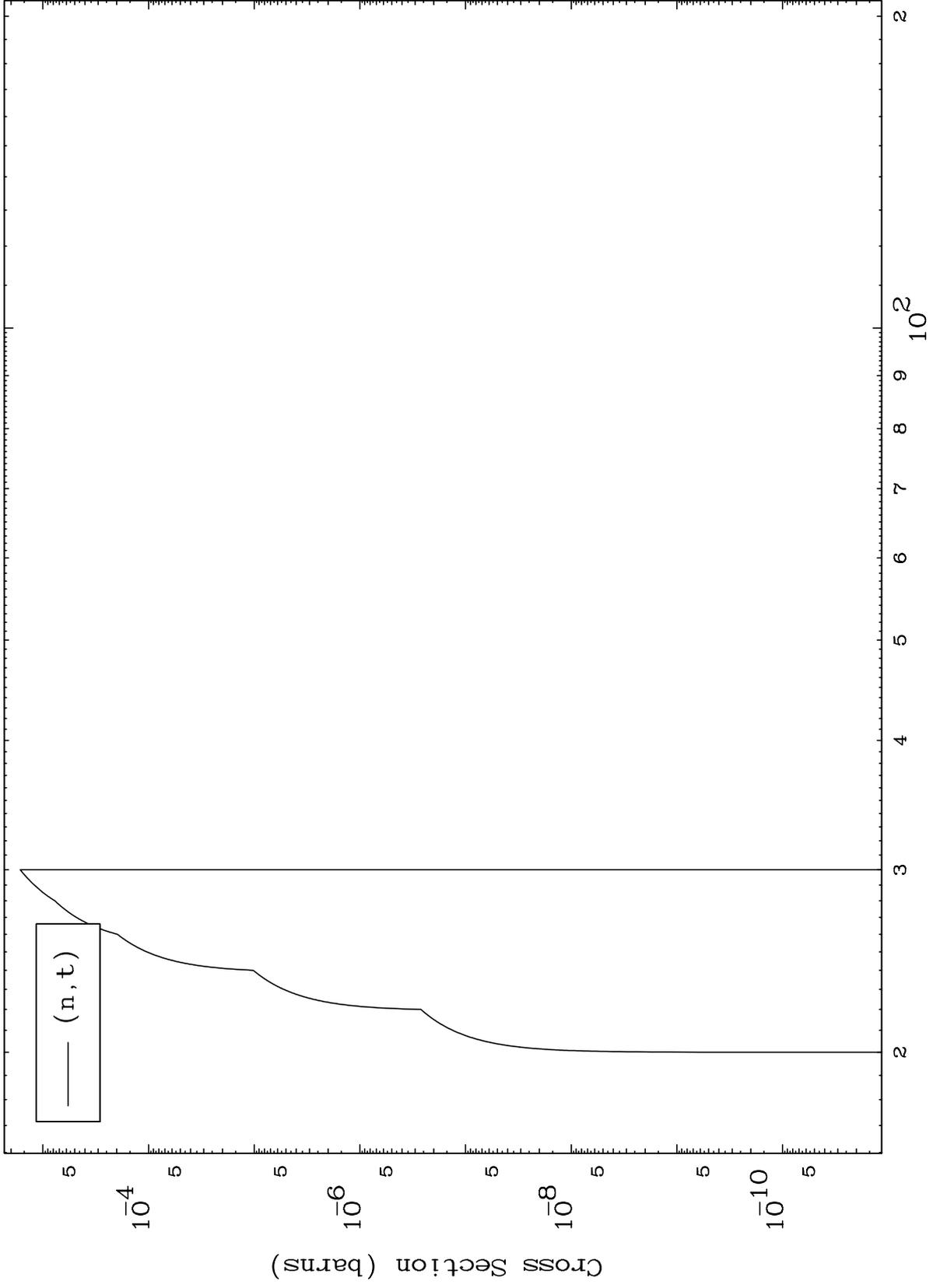
54-Xe-123



7

Incident Energy (MeV)

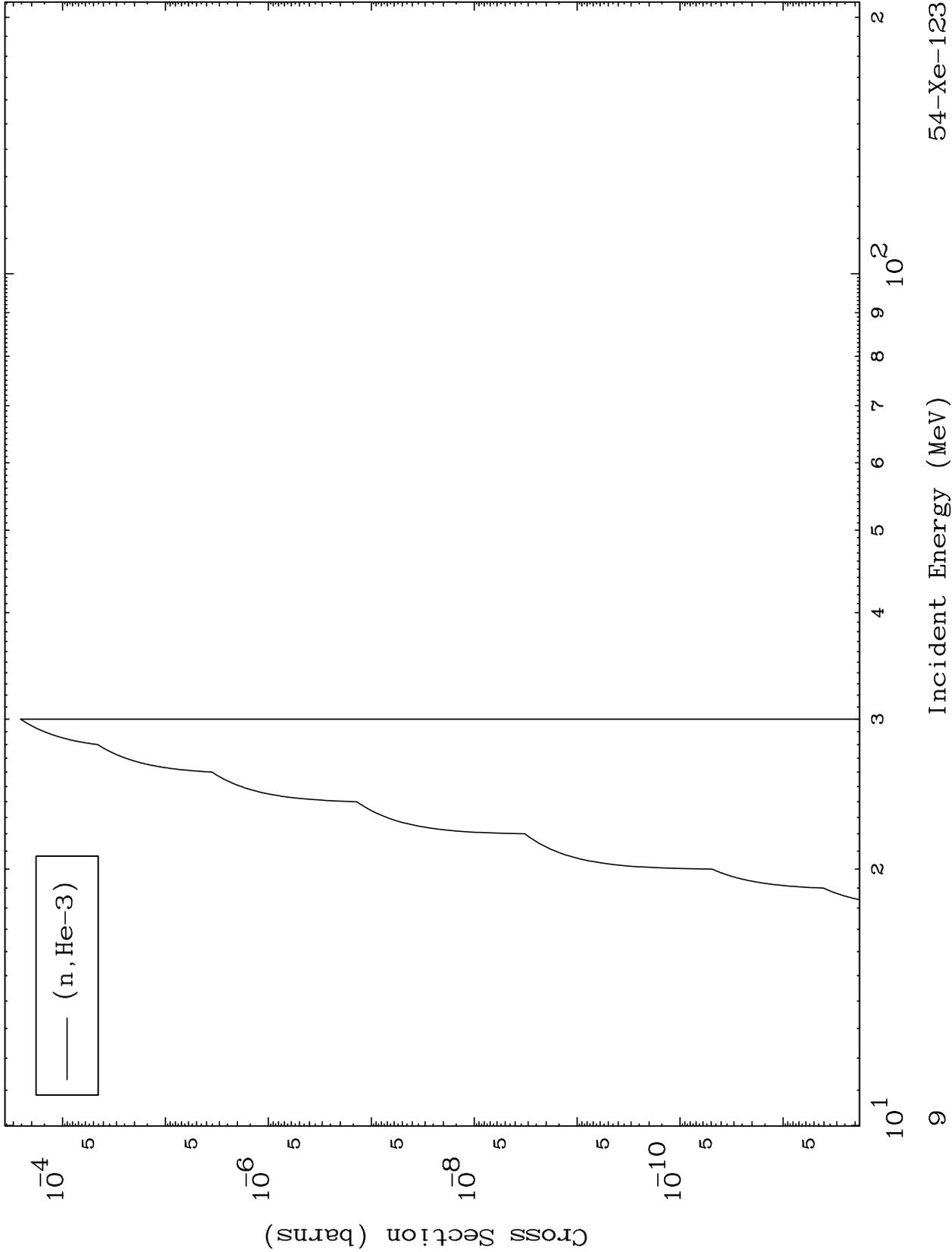
54-Xe-123



MAT 5422

54-Xe-123

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

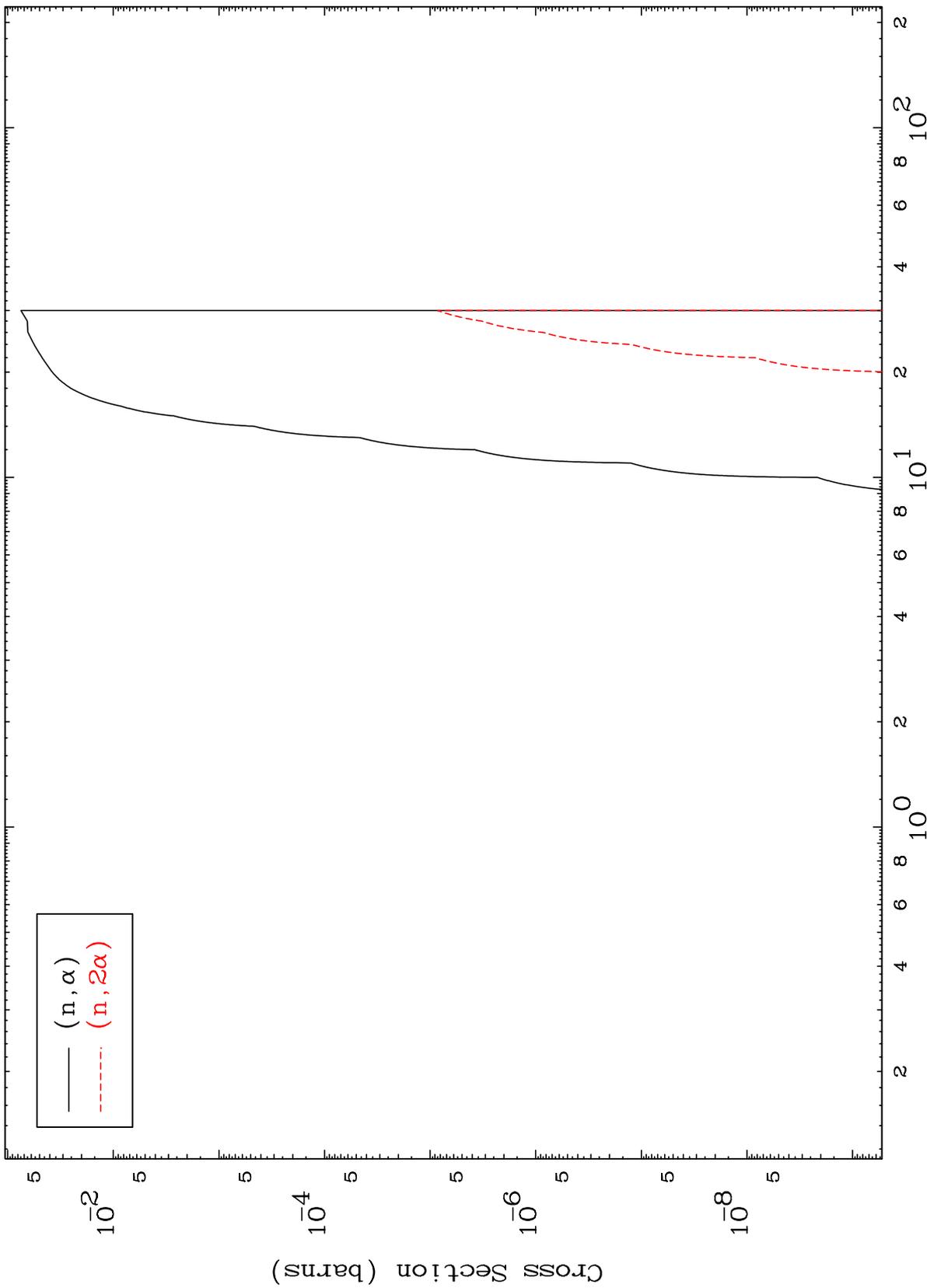


54-Xe-123

MAT 5422

54-Xe-123

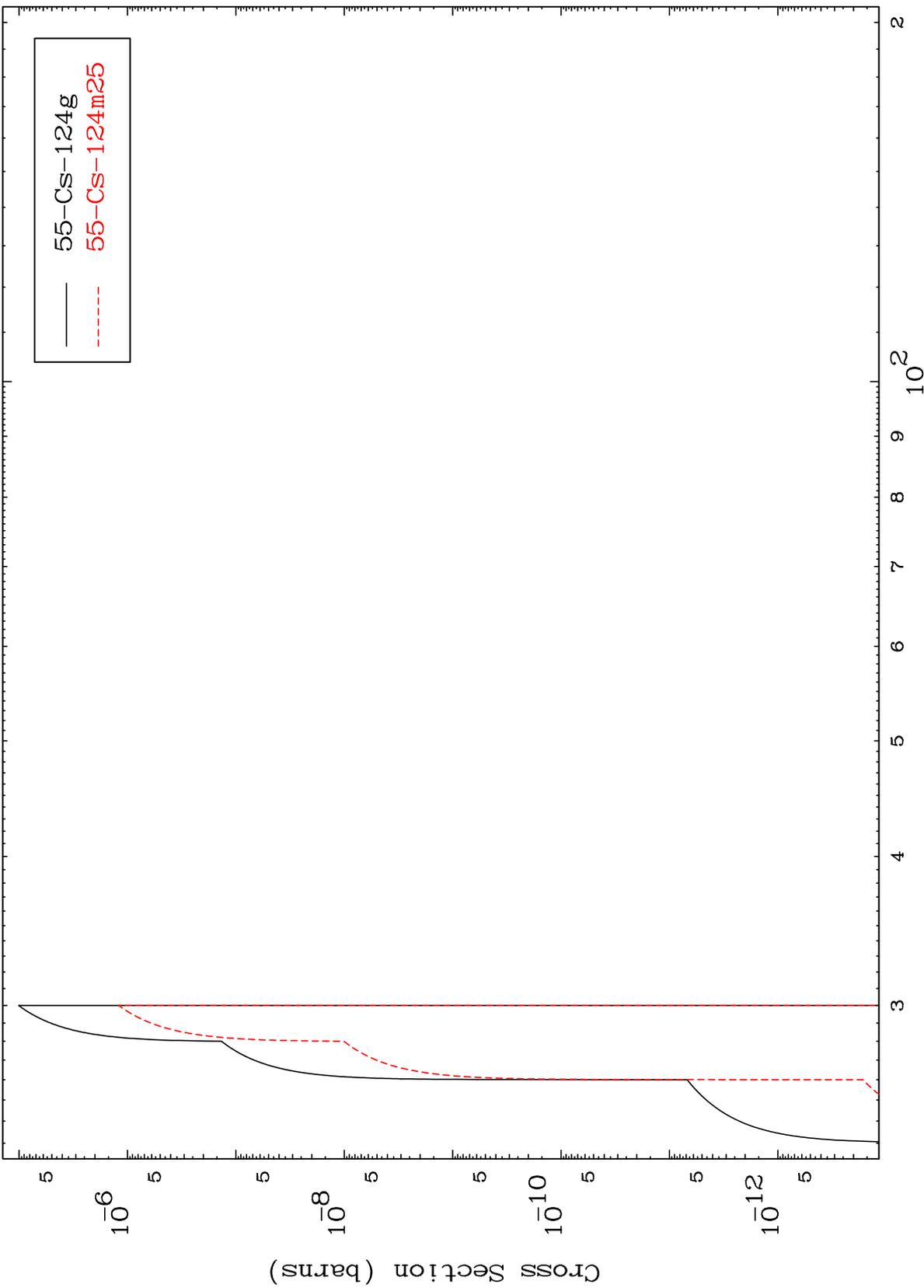
( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections



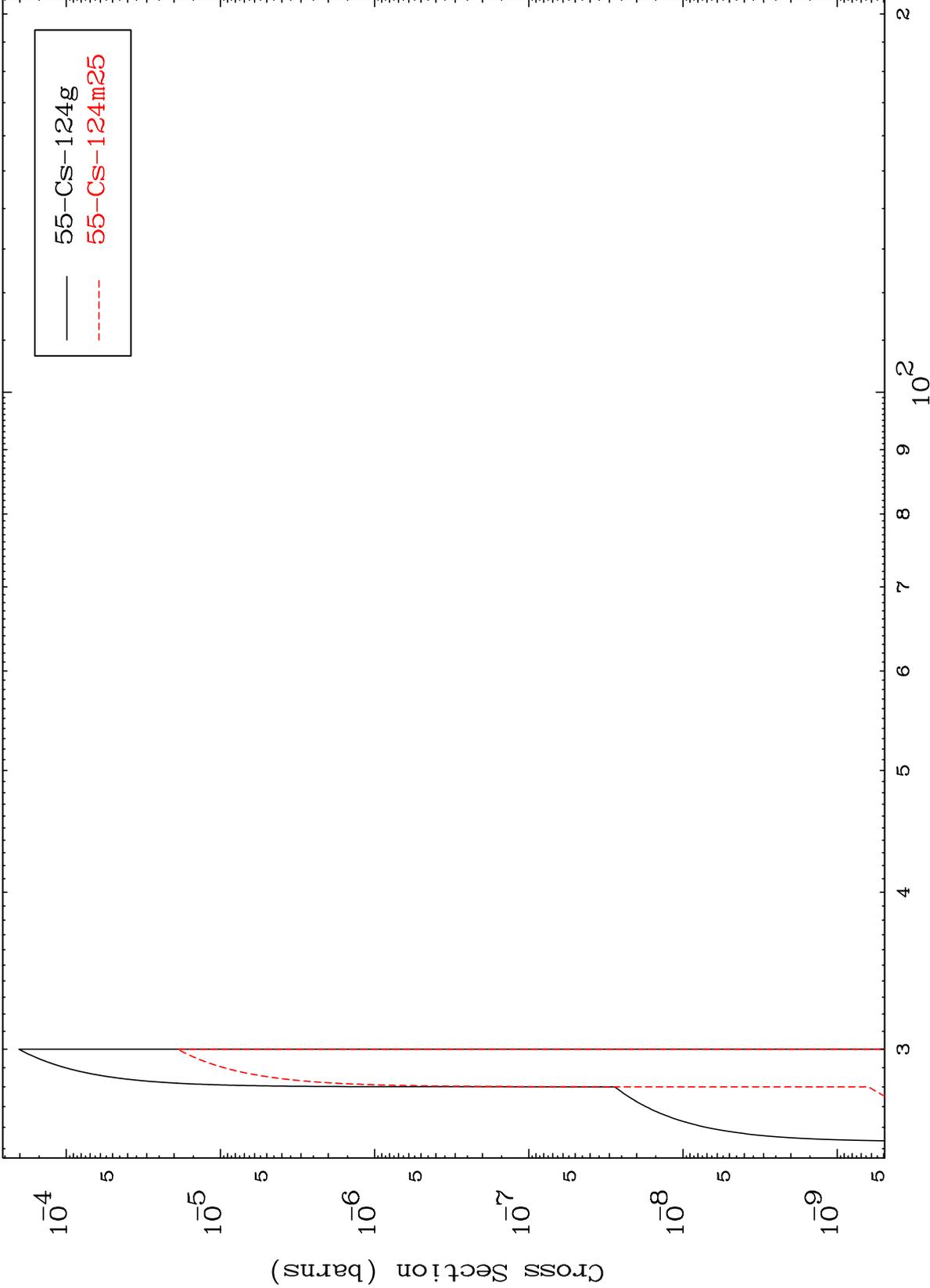
10

54-Xe-123

Radionuclide Production Cross Section



Radionuclide Production Cross Section

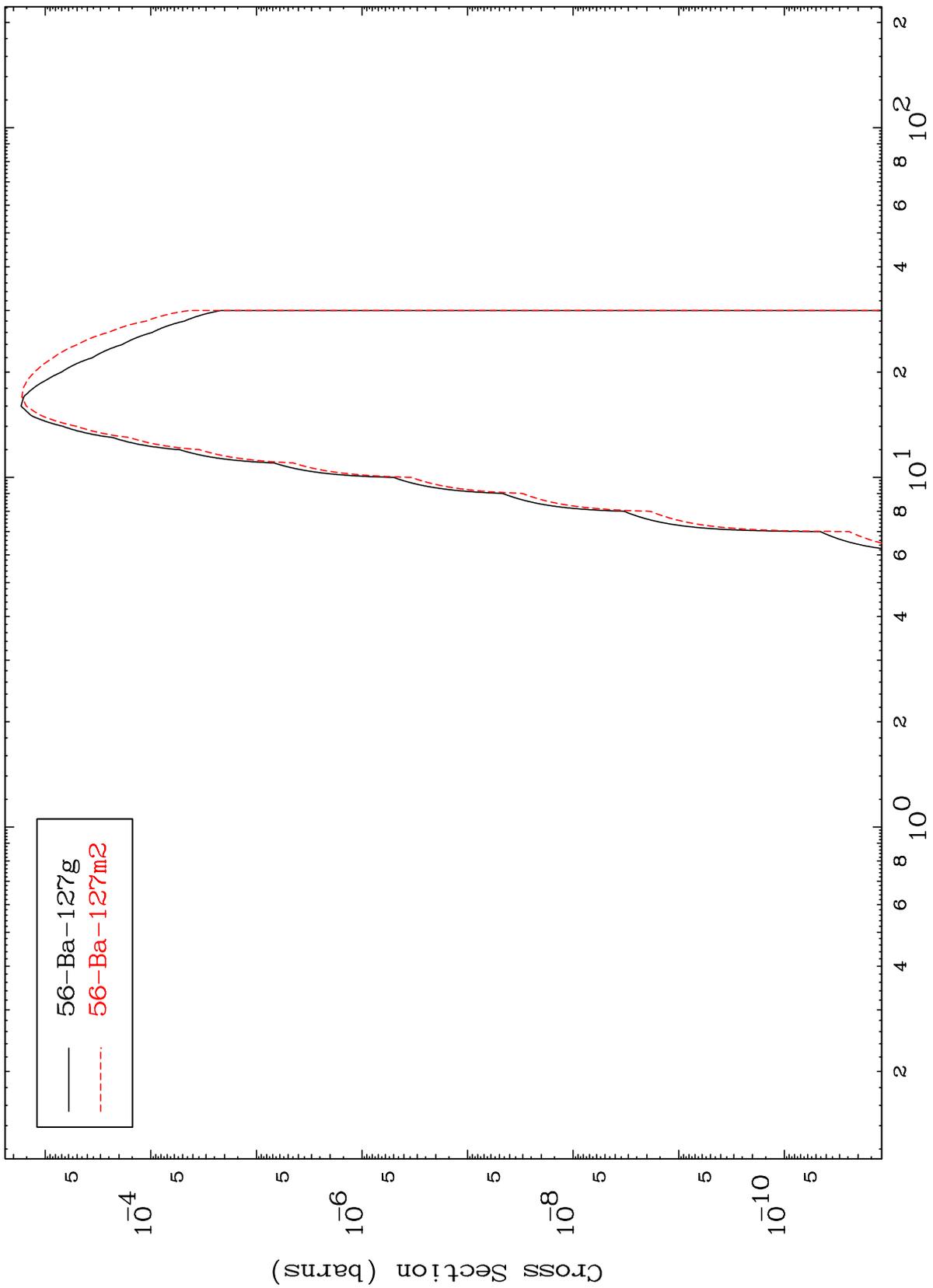


55-Cs-124g  
55-Cs-124m25

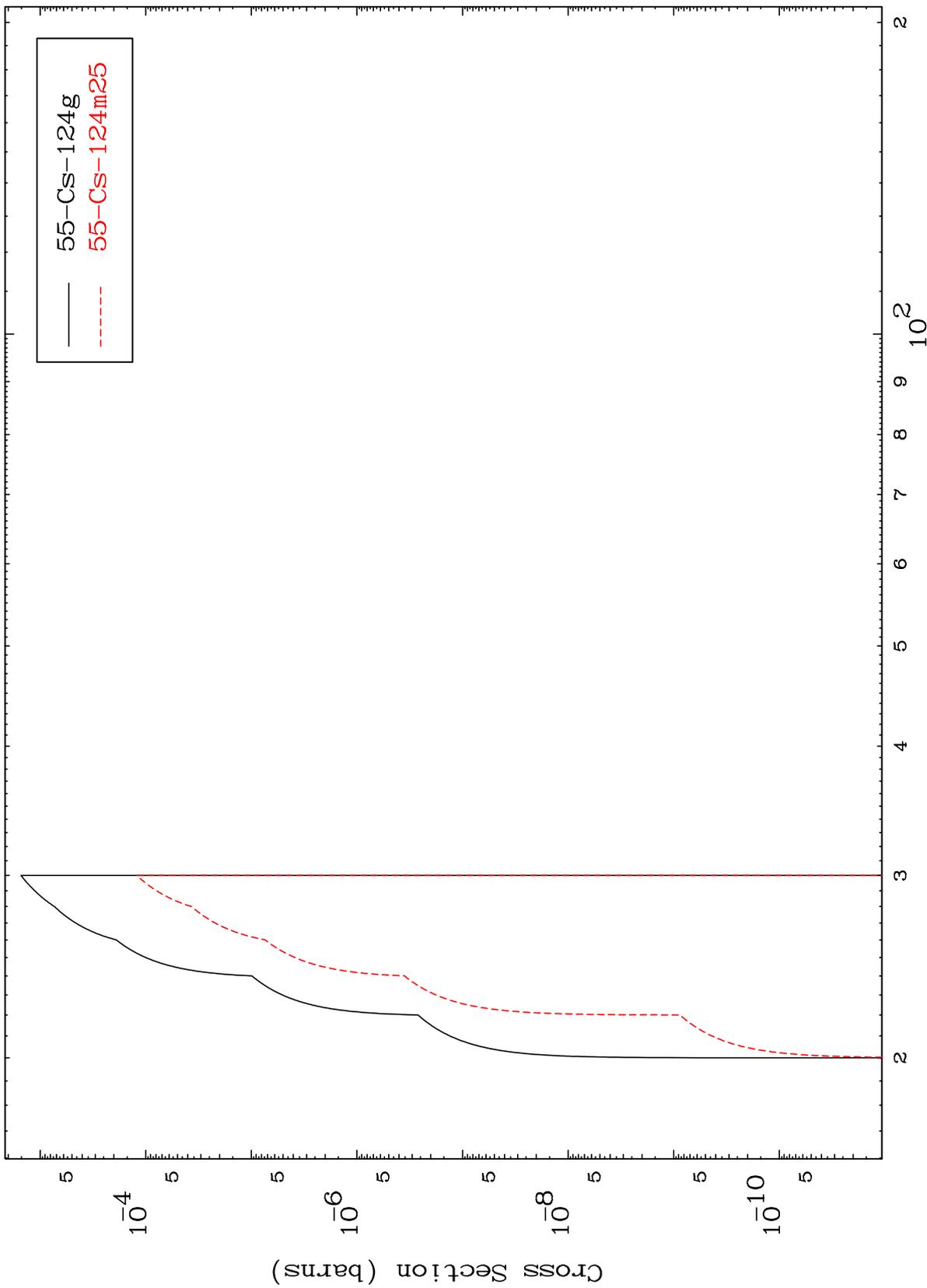
MAT 5422

54-Xe-123

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



(n,t)  
Radionuclide Production Cross Section

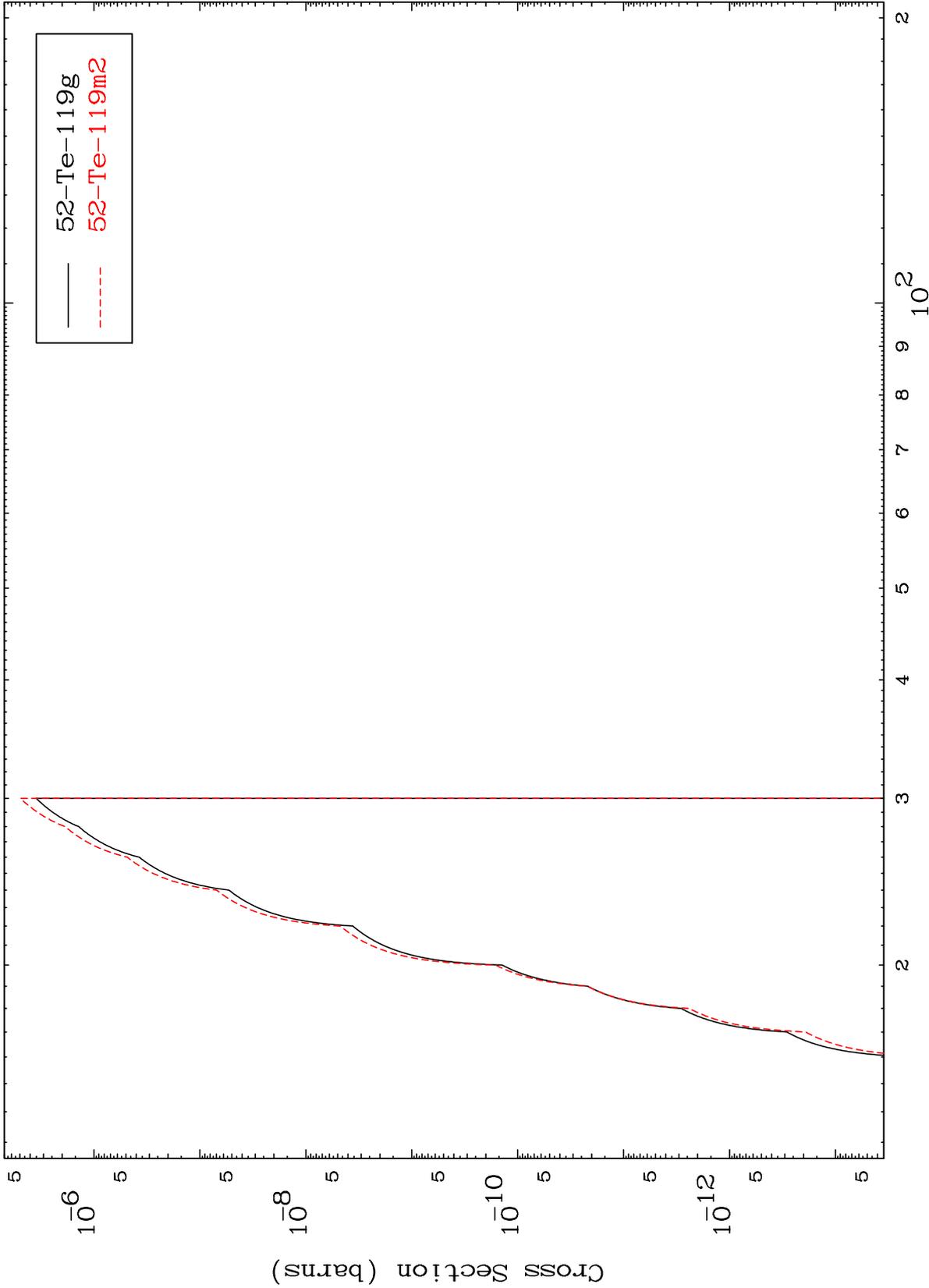


MAT 5422

(n,2α)

54-Xe-123

Radionuclide Production Cross Section



15

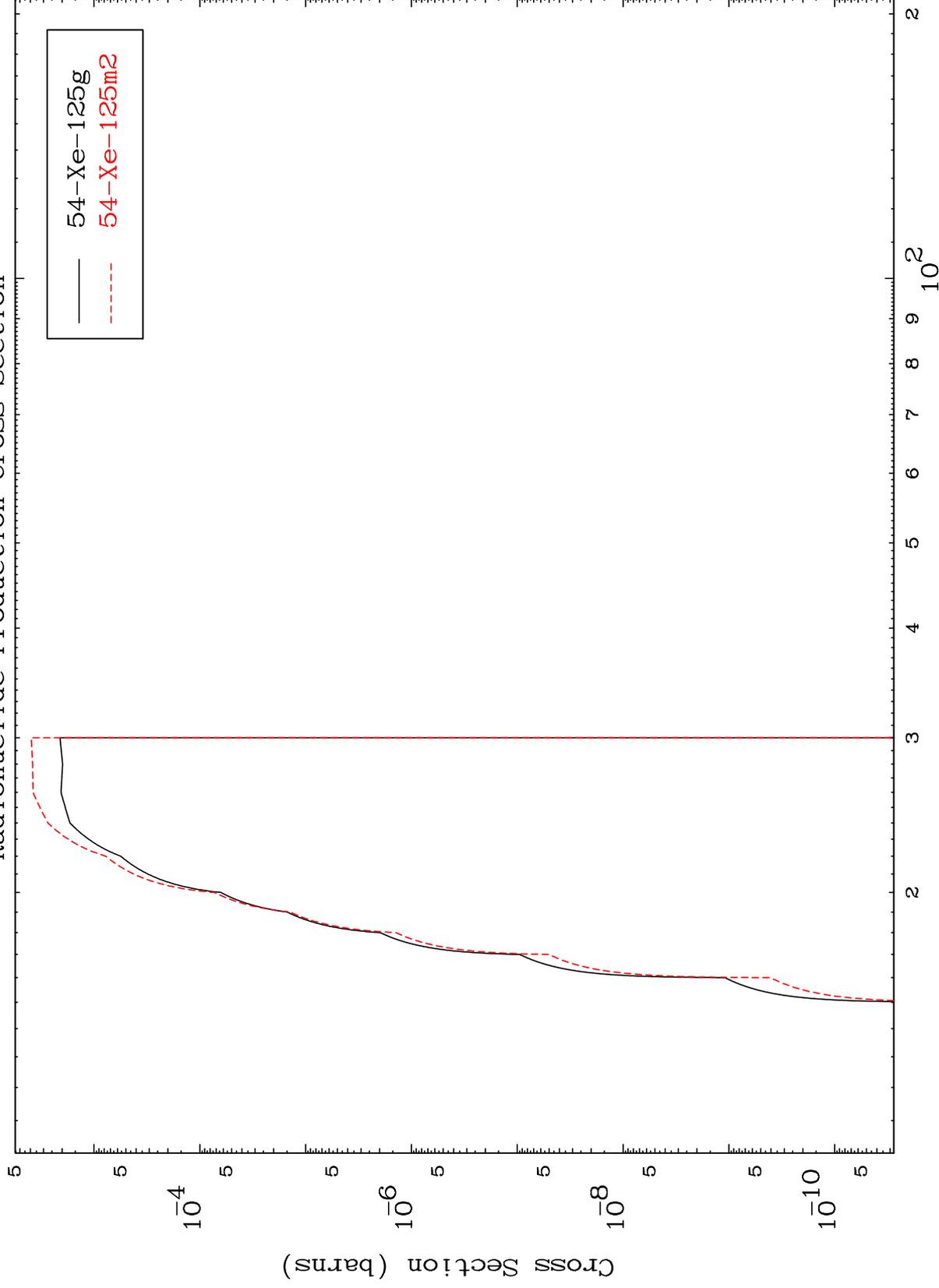
Incident Energy (MeV)

54-Xe-123

MAT 5422

54-Xe-123

(n,2p)  
Radionuclide Production Cross Section



54-Xe-125g  
54-Xe-125m2

16

Incident Energy (MeV)

54-Xe-123