

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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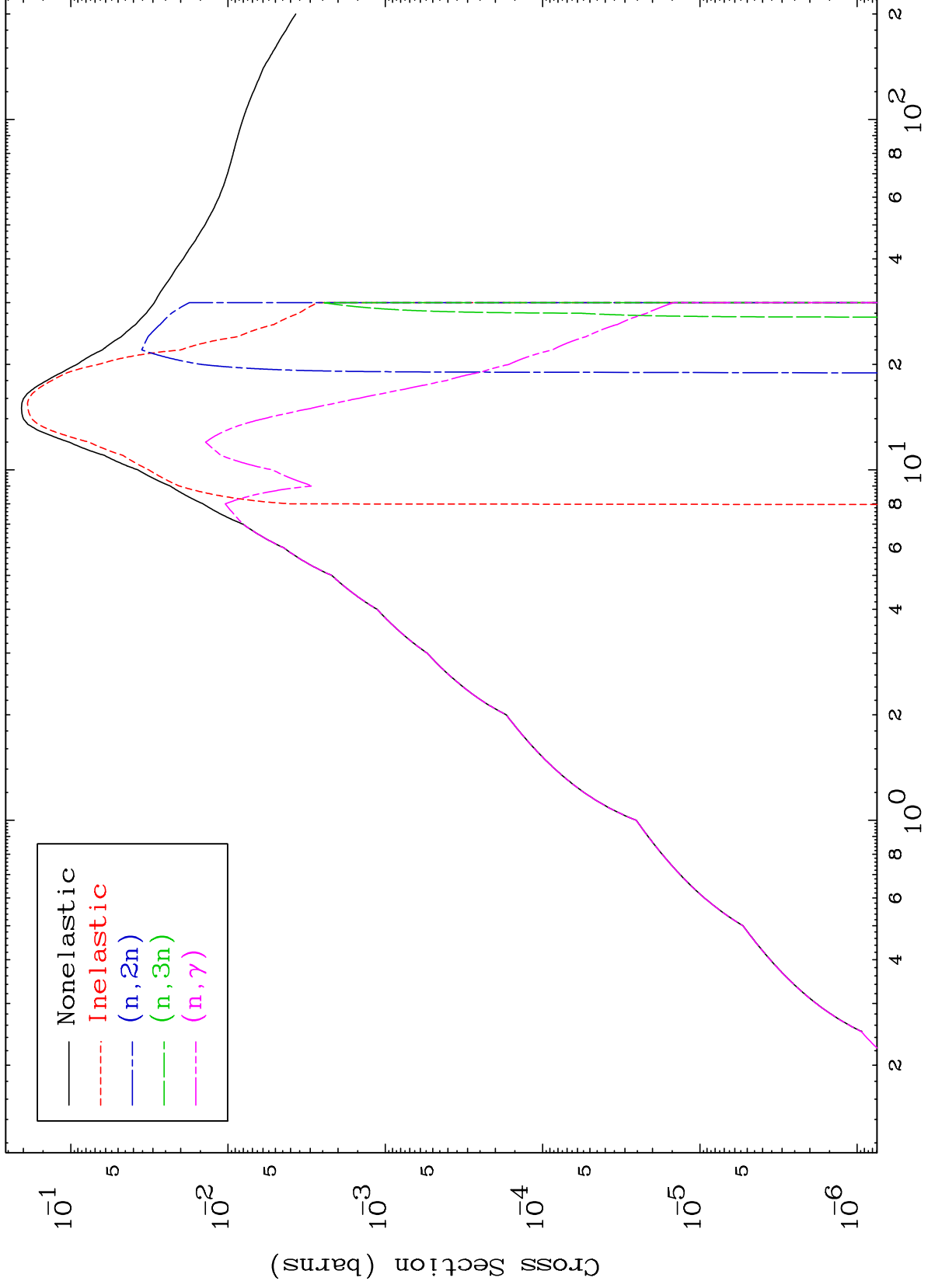
Tele: 925-443-1911

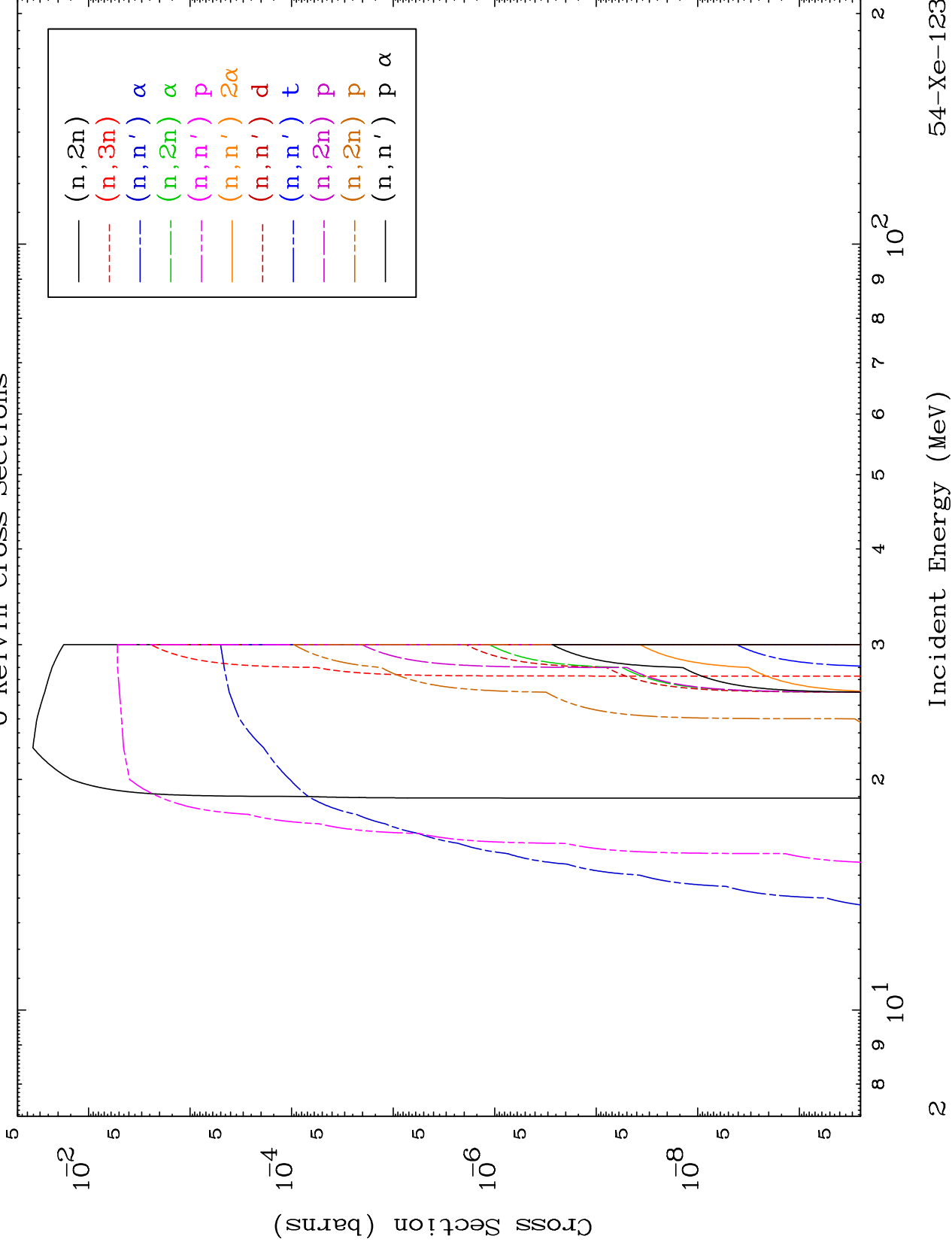
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

0 Kelvin Cross Sections

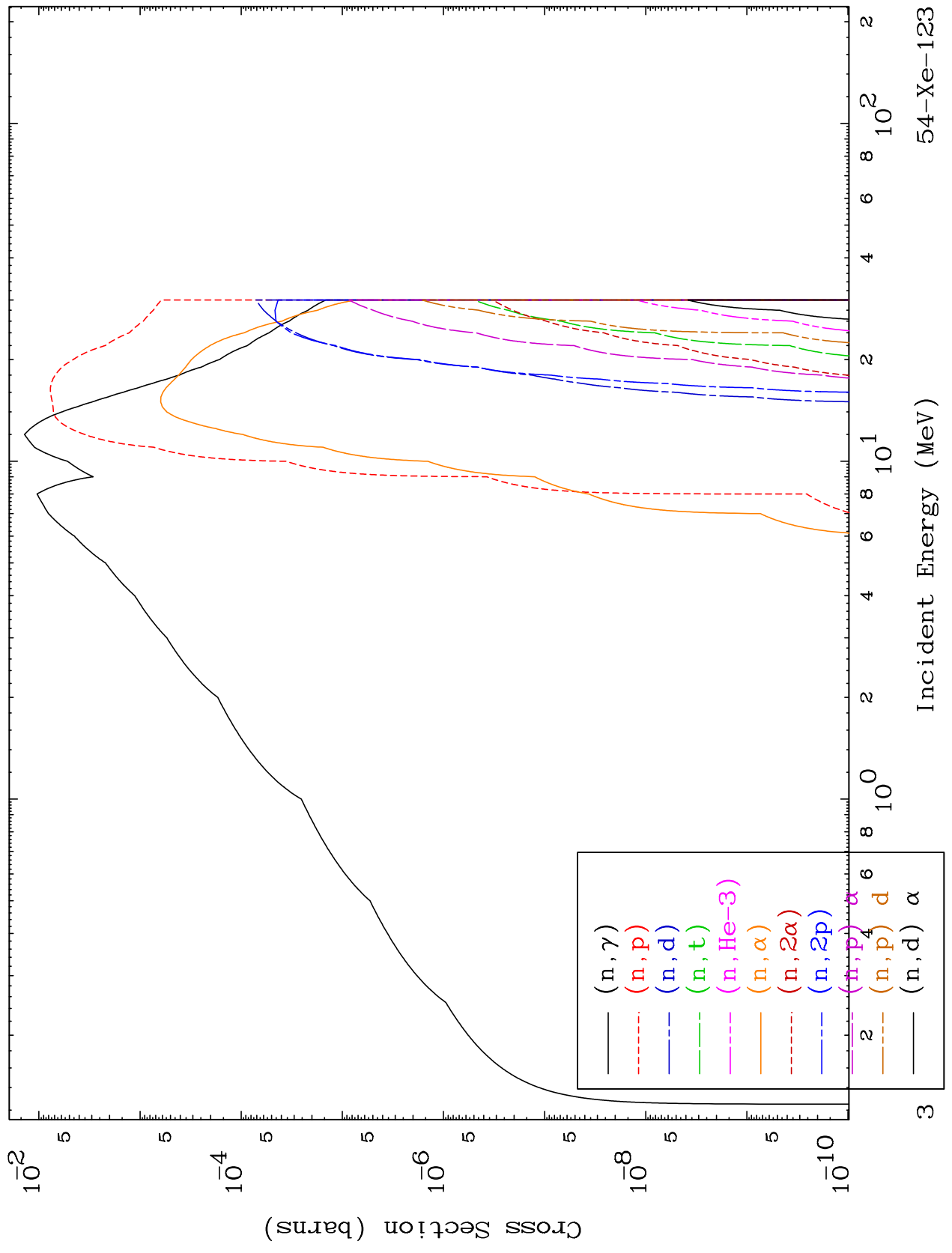


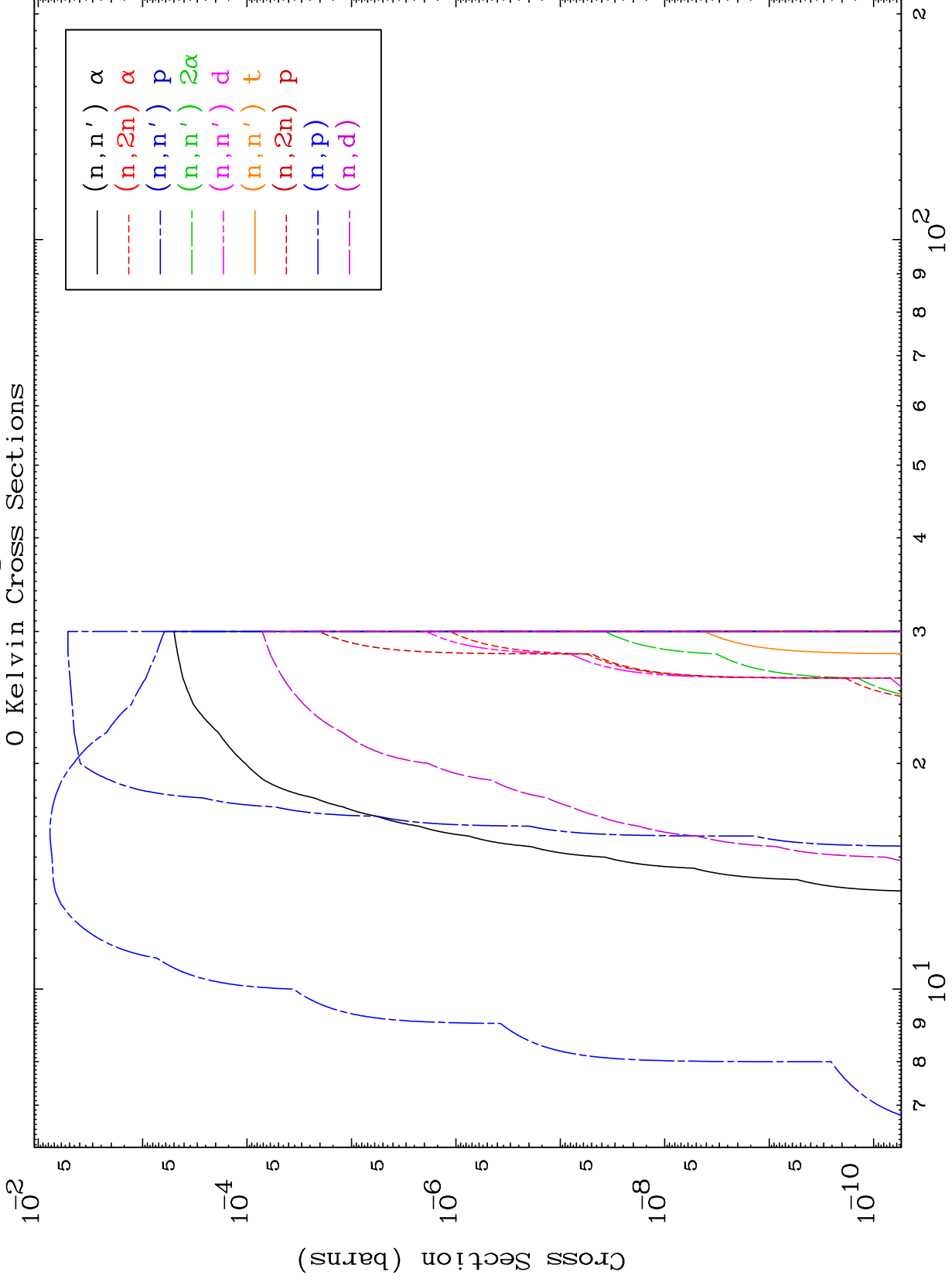


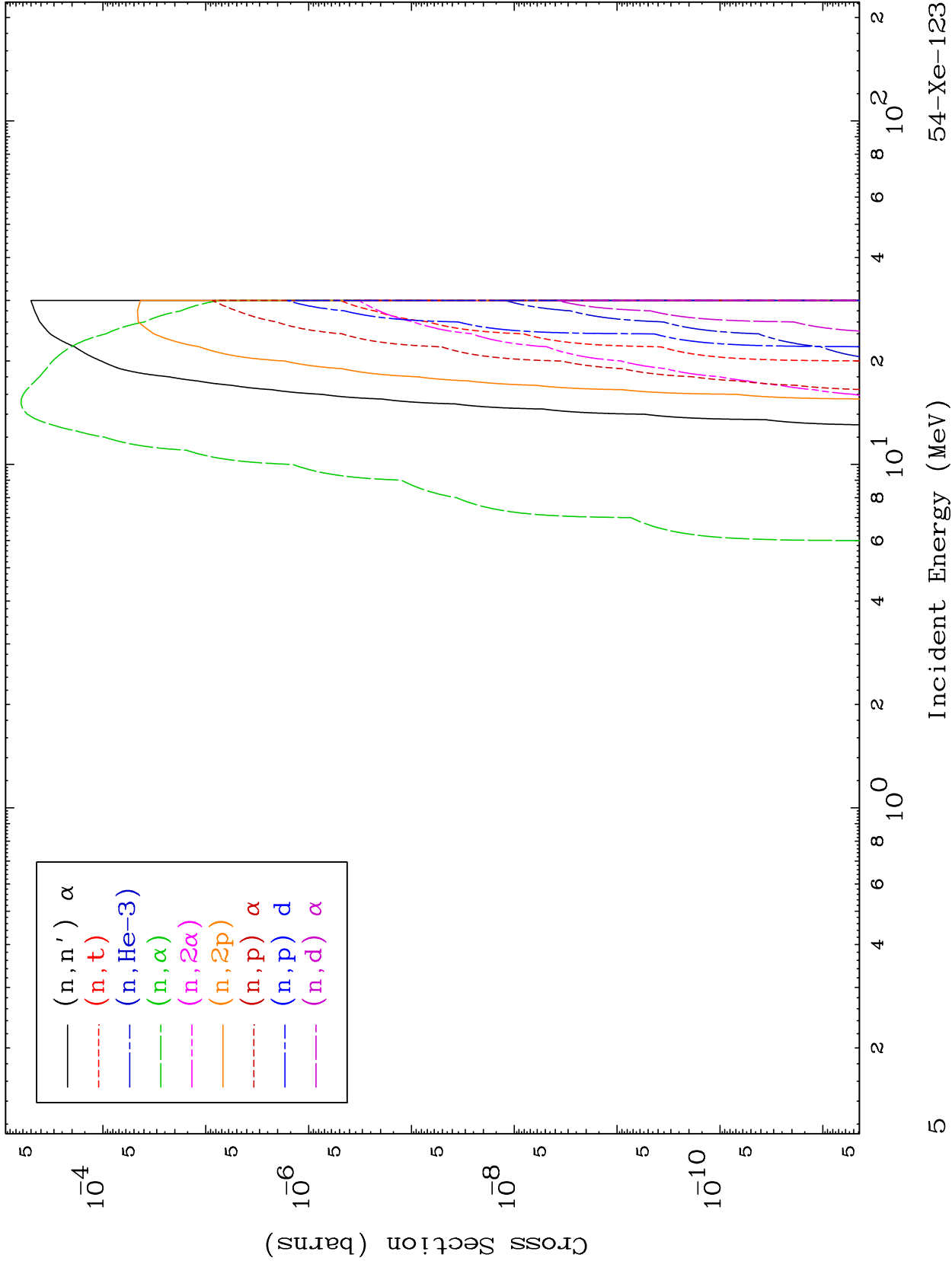
MAT 5422

Photon Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-123





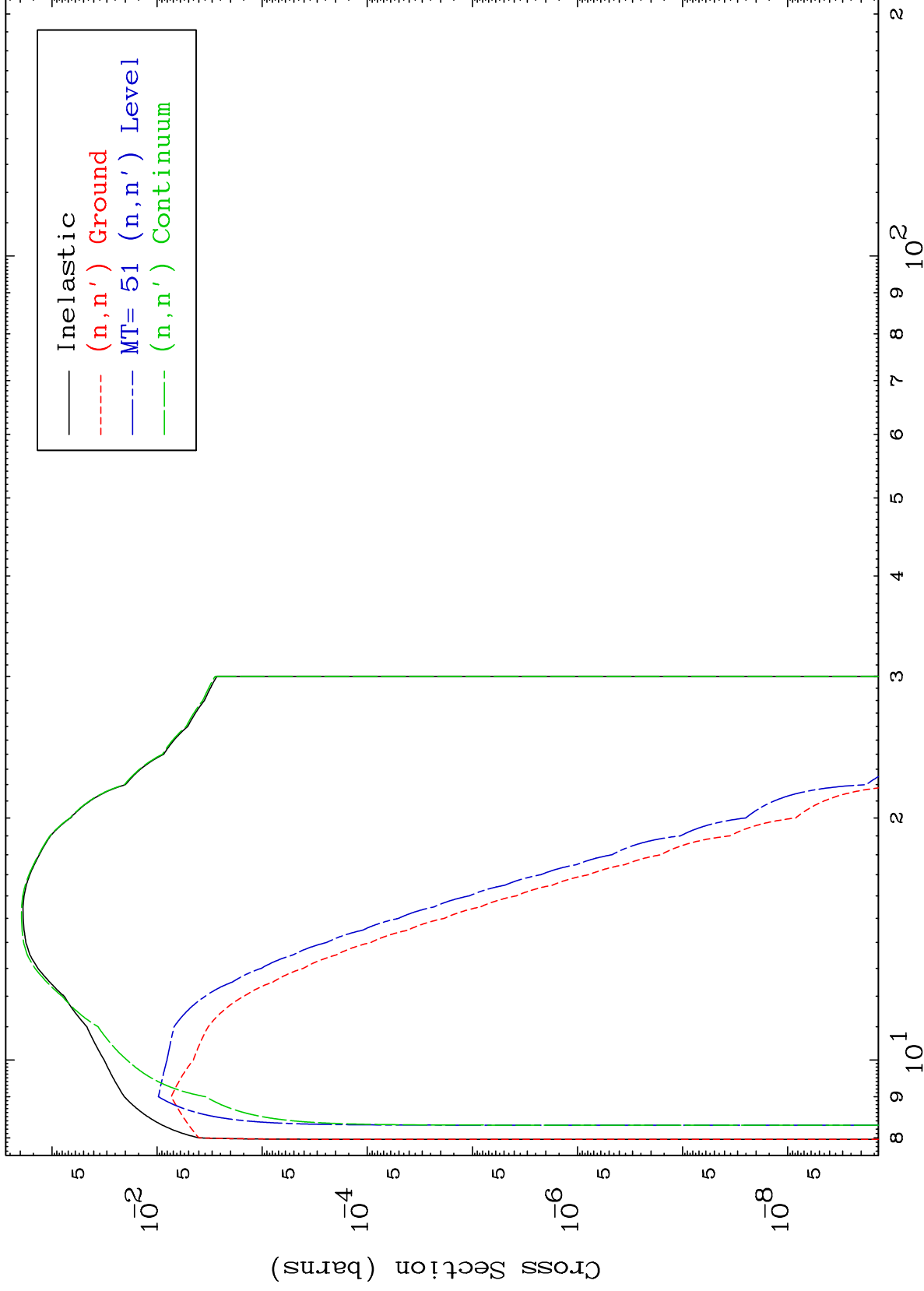


MAT 5422

( $\gamma, n'$ ) Levels

54-Xe-123

0 Kelvin Cross Sections



Incident Energy (MeV)

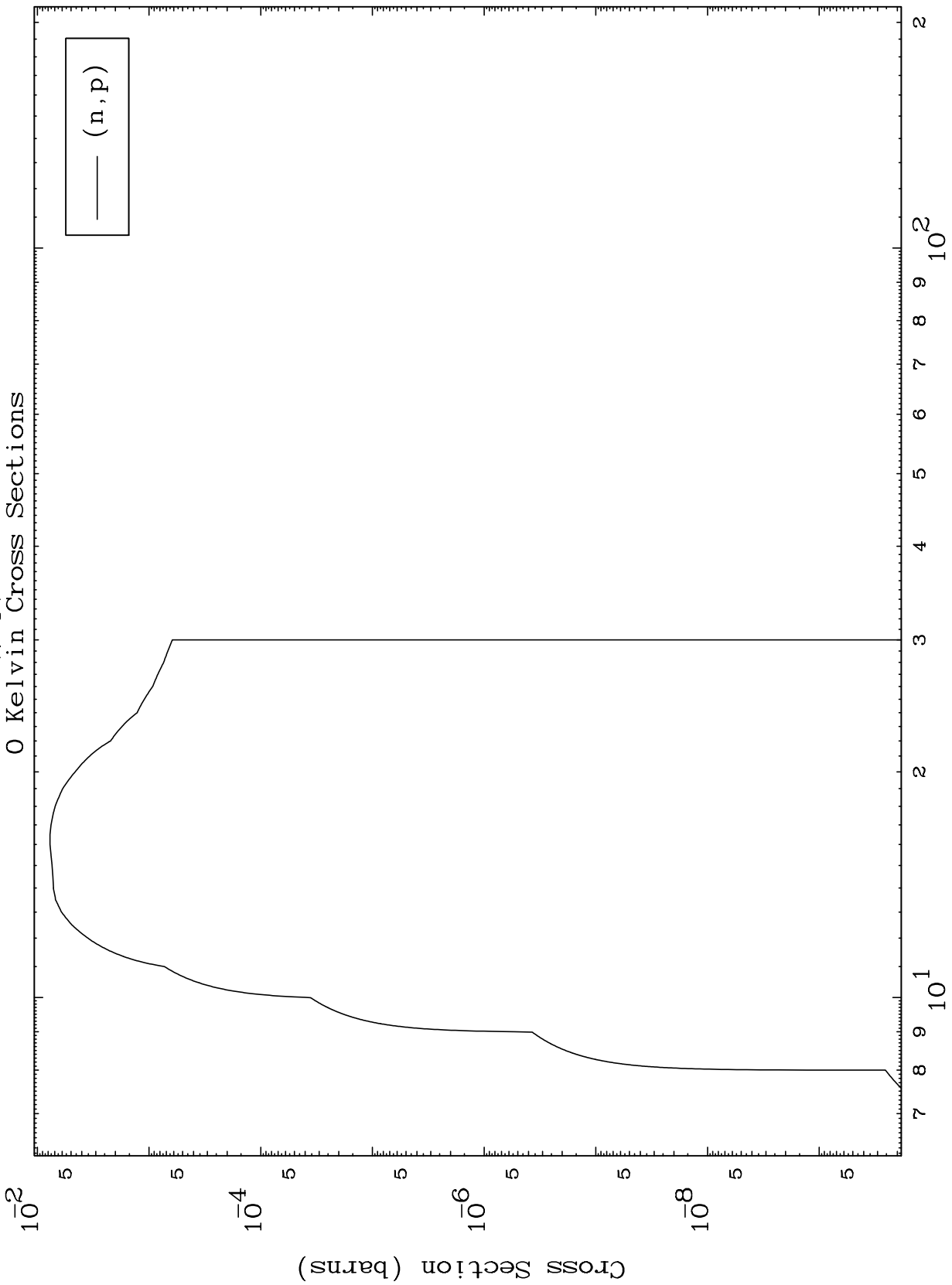
54-Xe-123

6

MAT 5422

54-Xe-123

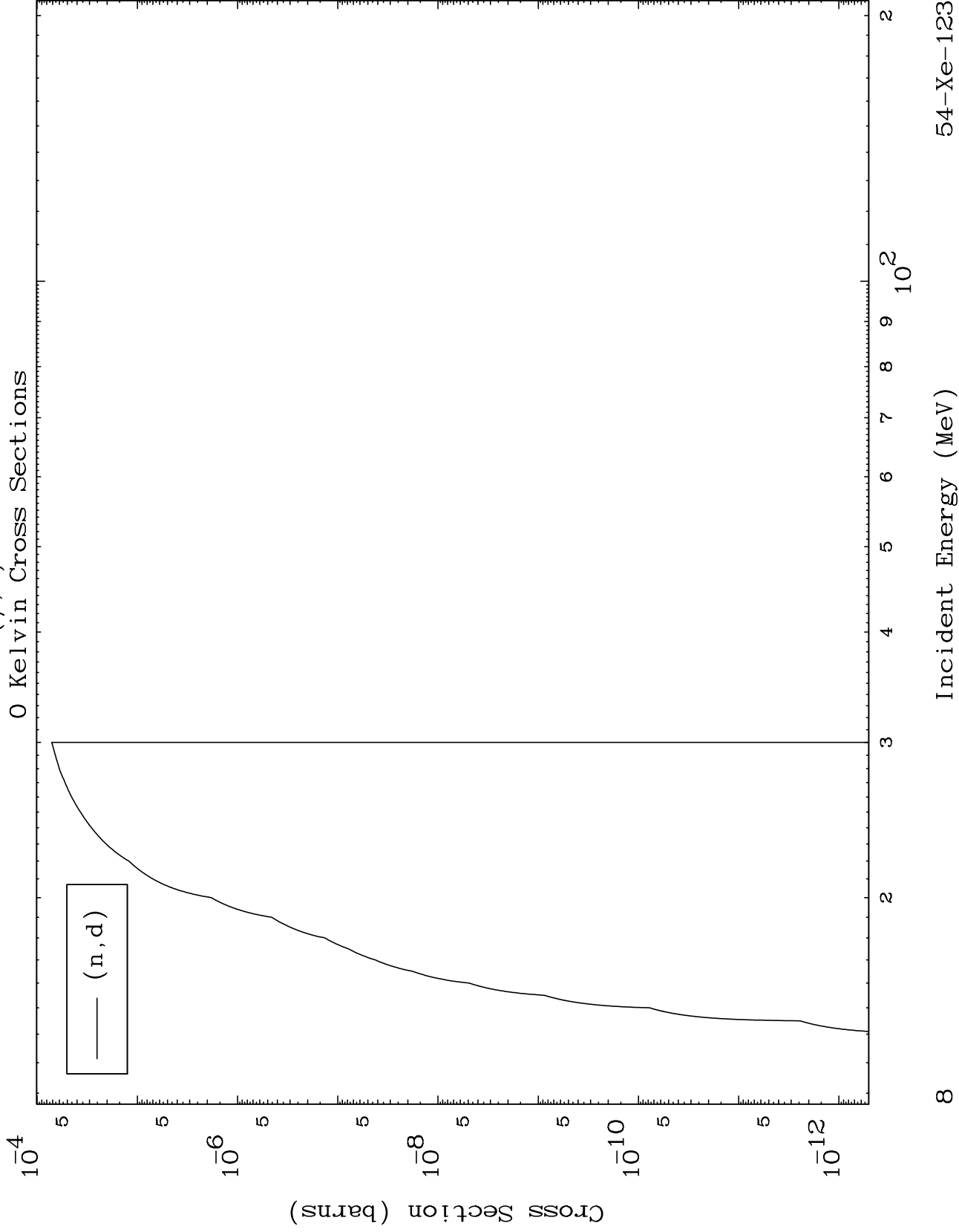
( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



MAT 5422

( $\gamma, d$ ) Levels

54-Xe-123

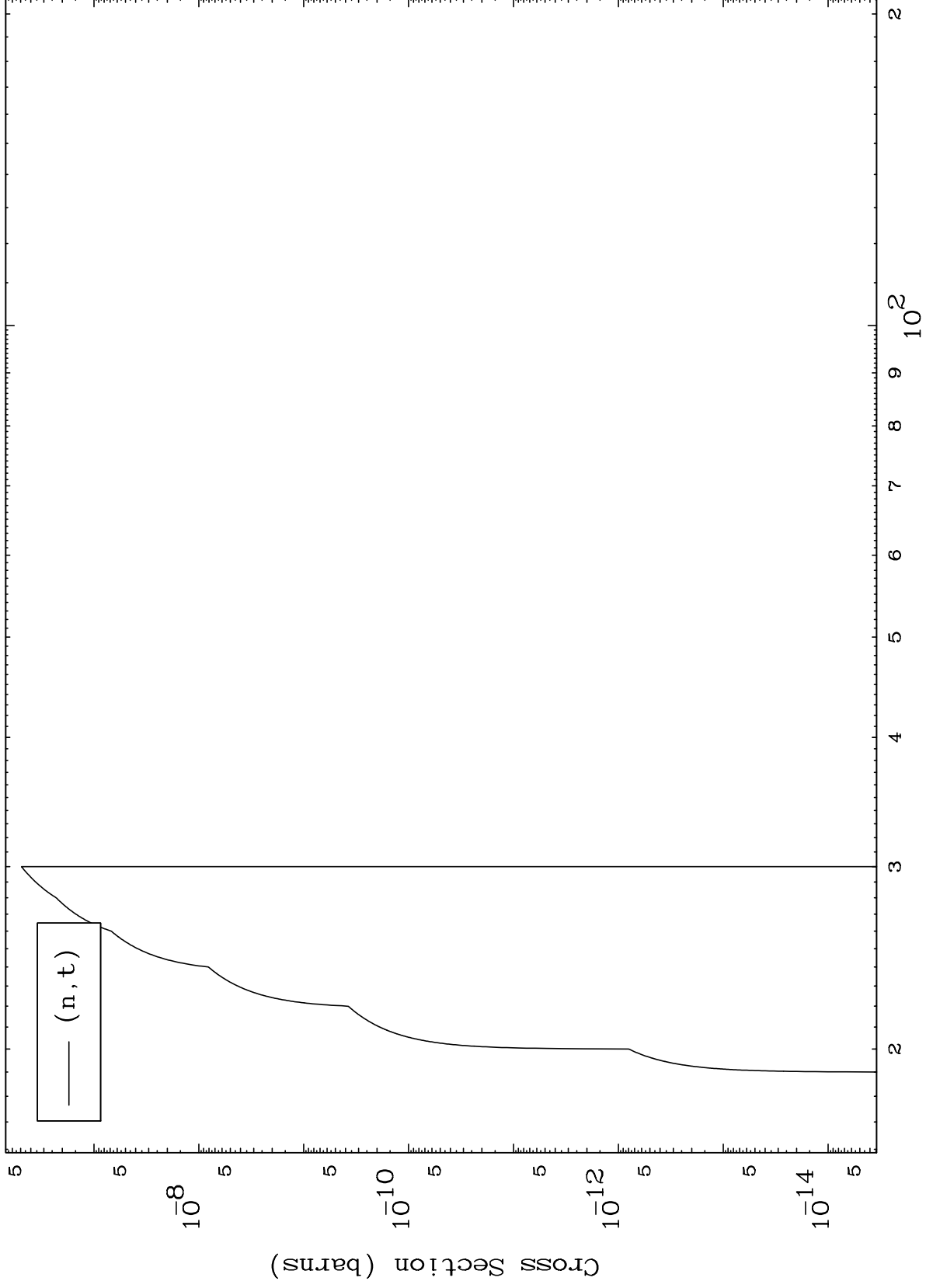


8

MAT 5422

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

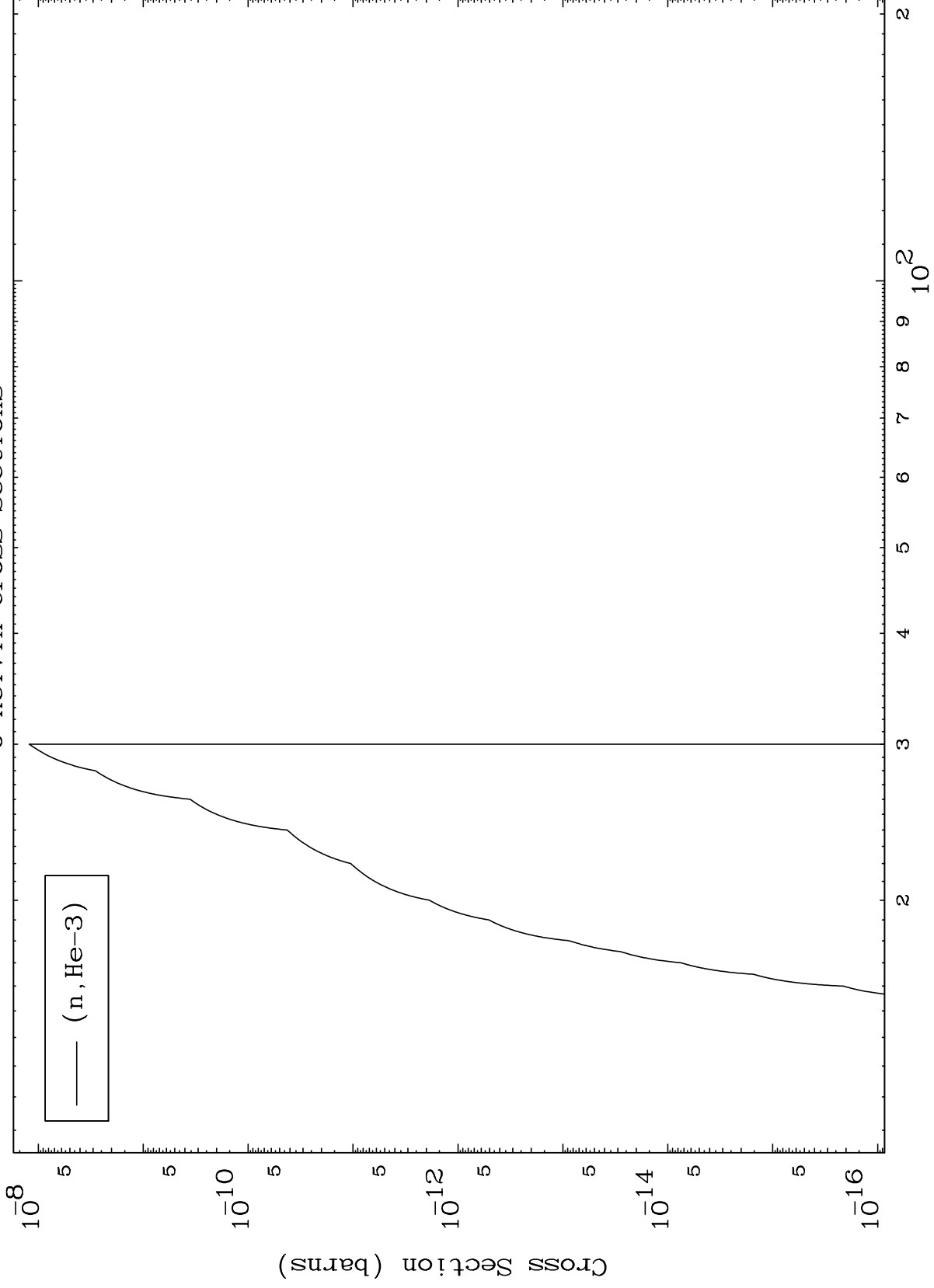
54-Xe-123



MAT 5422

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

54-Xe-123



10

Incident Energy (MeV)

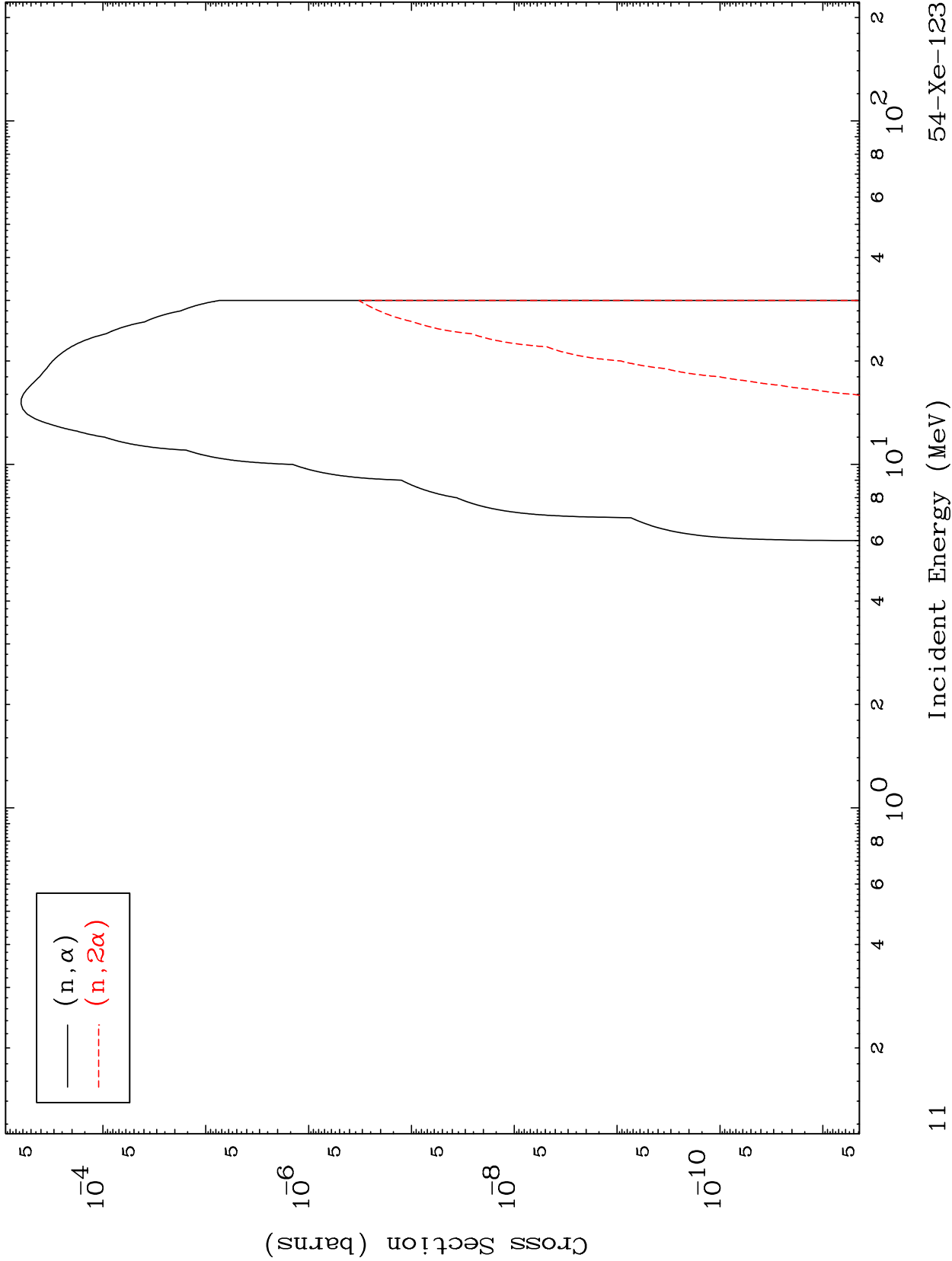
54-Xe-123

MAT 5422

( $\gamma, \alpha$ ) Levels

54-Xe-123

0 Kelvin Cross Sections

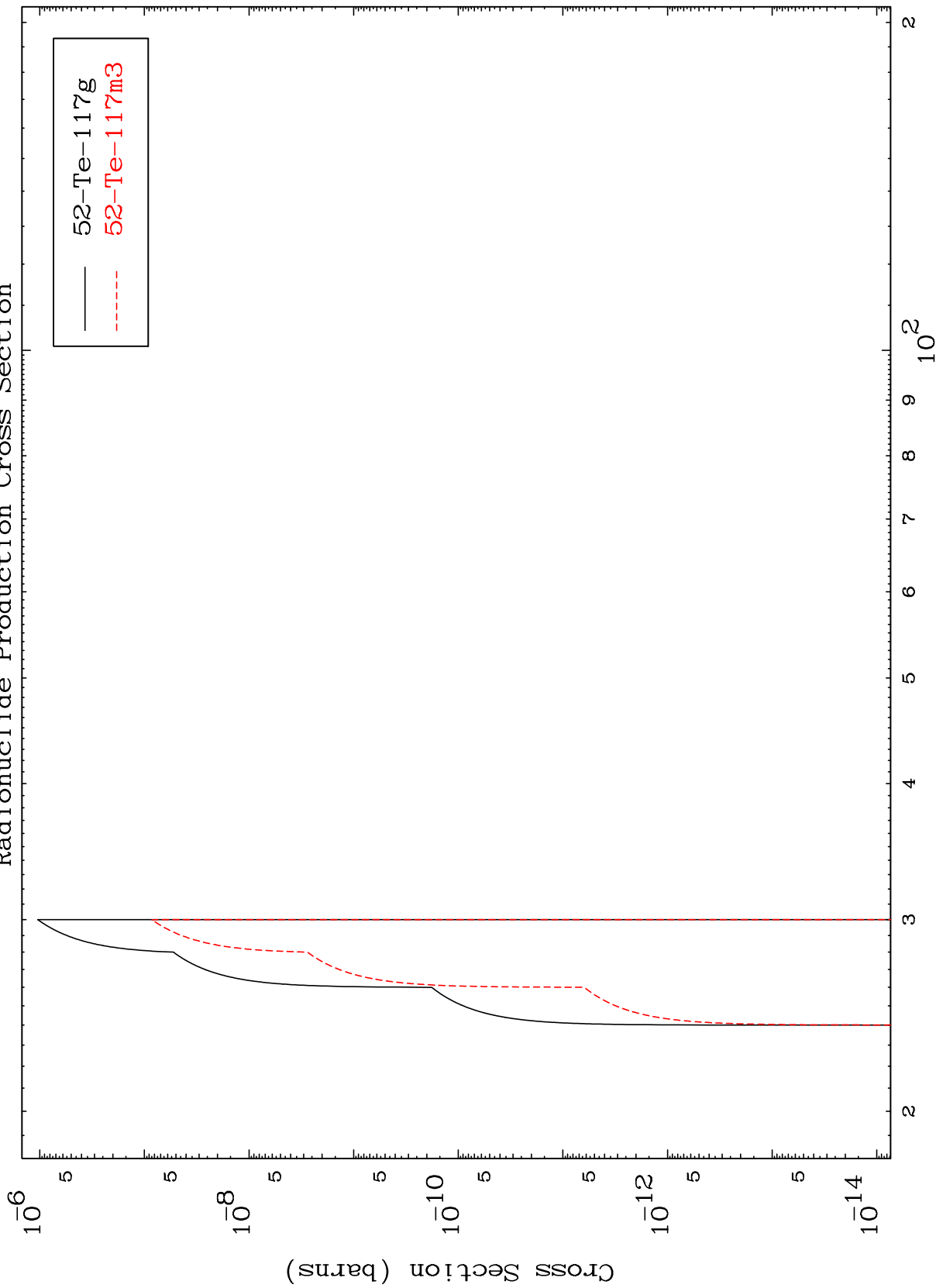


MAT 5422

(n,2n)  $\alpha$

54-Xe-123

Radionuclide Production Cross Section

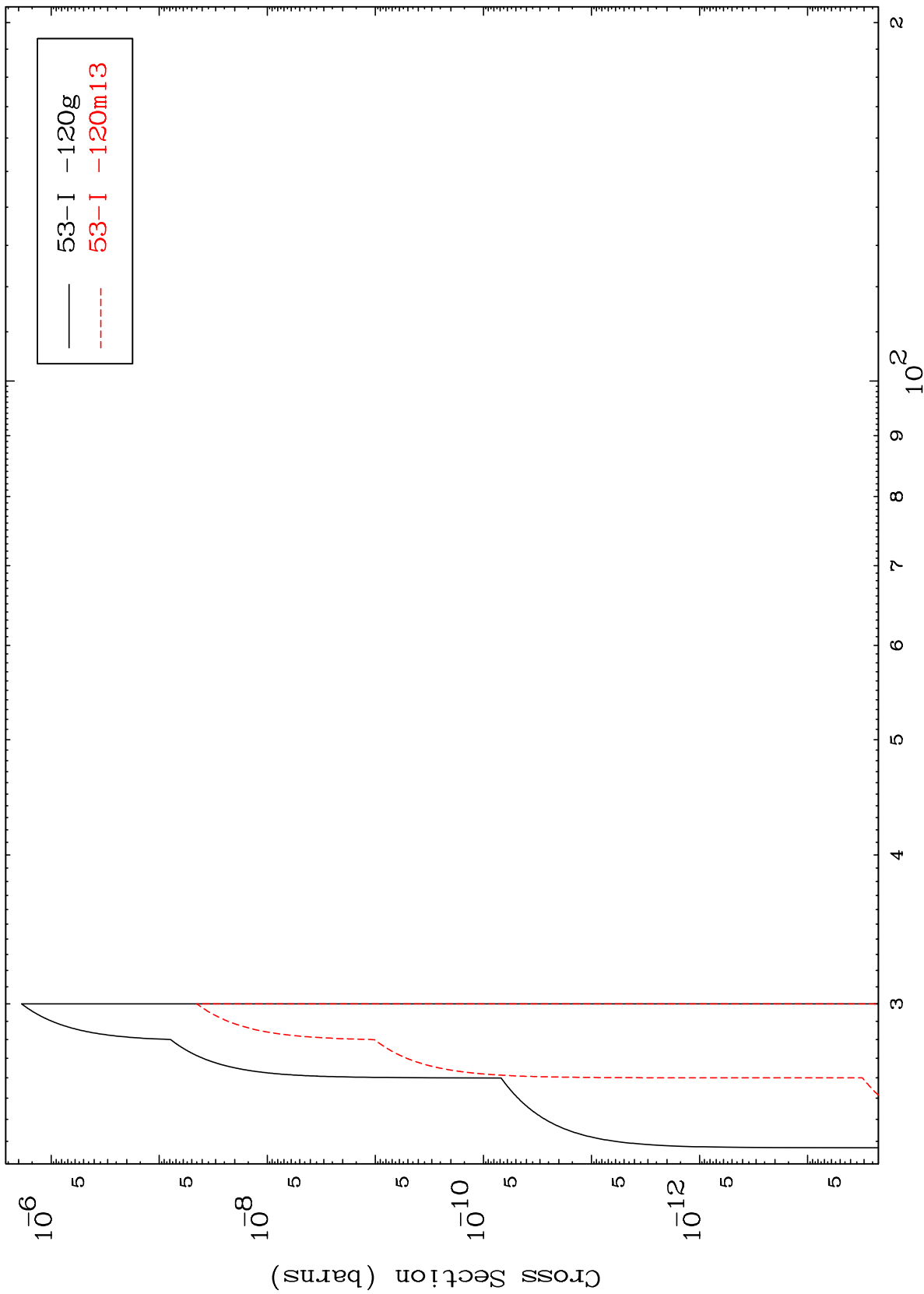


12

Incident Energy (MeV)

54-Xe-123

Radionuclide Production Cross Section



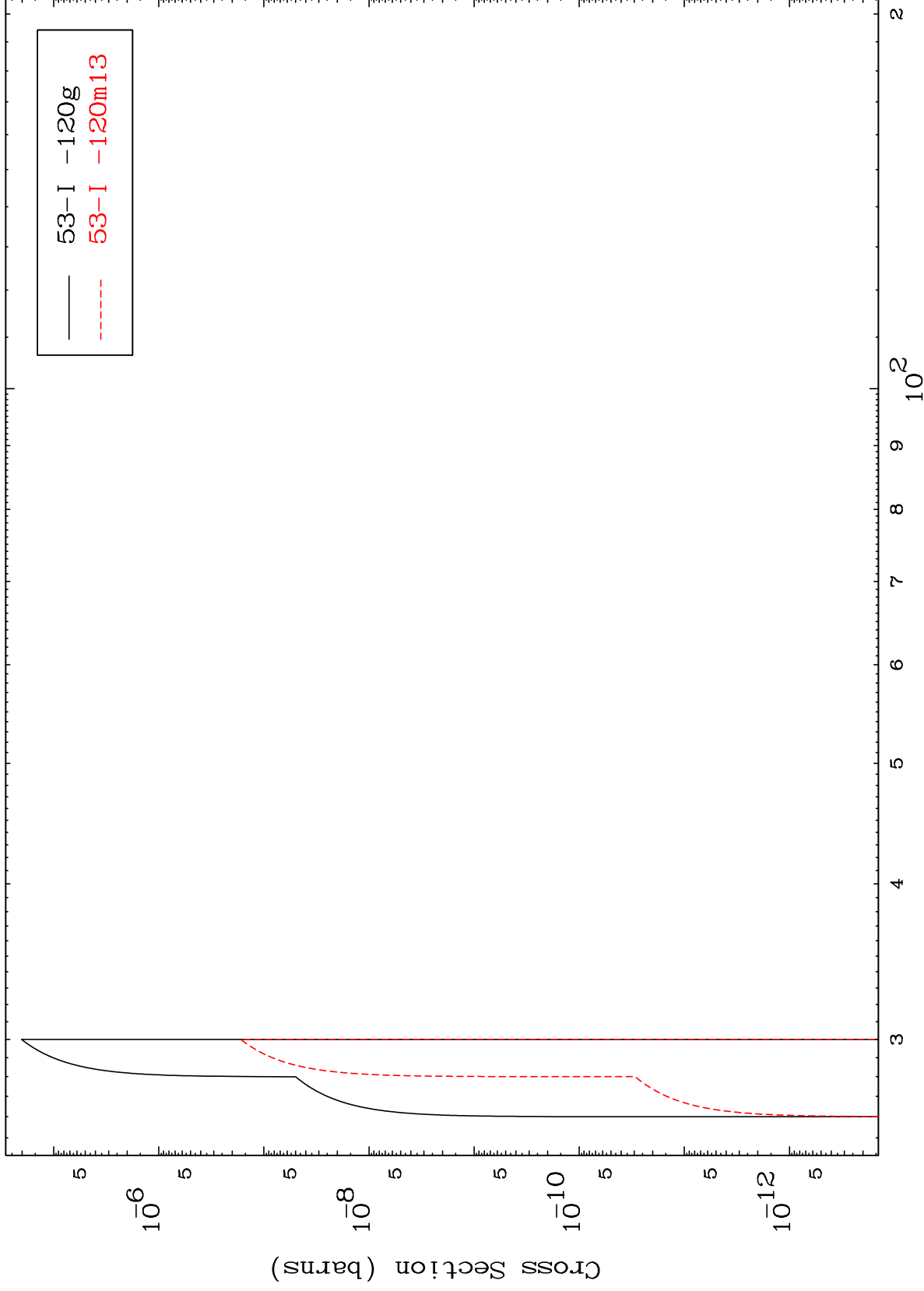
53-I -120g  
53-I -120m13

MAT 5422

(n,2n) p

54-Xe-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

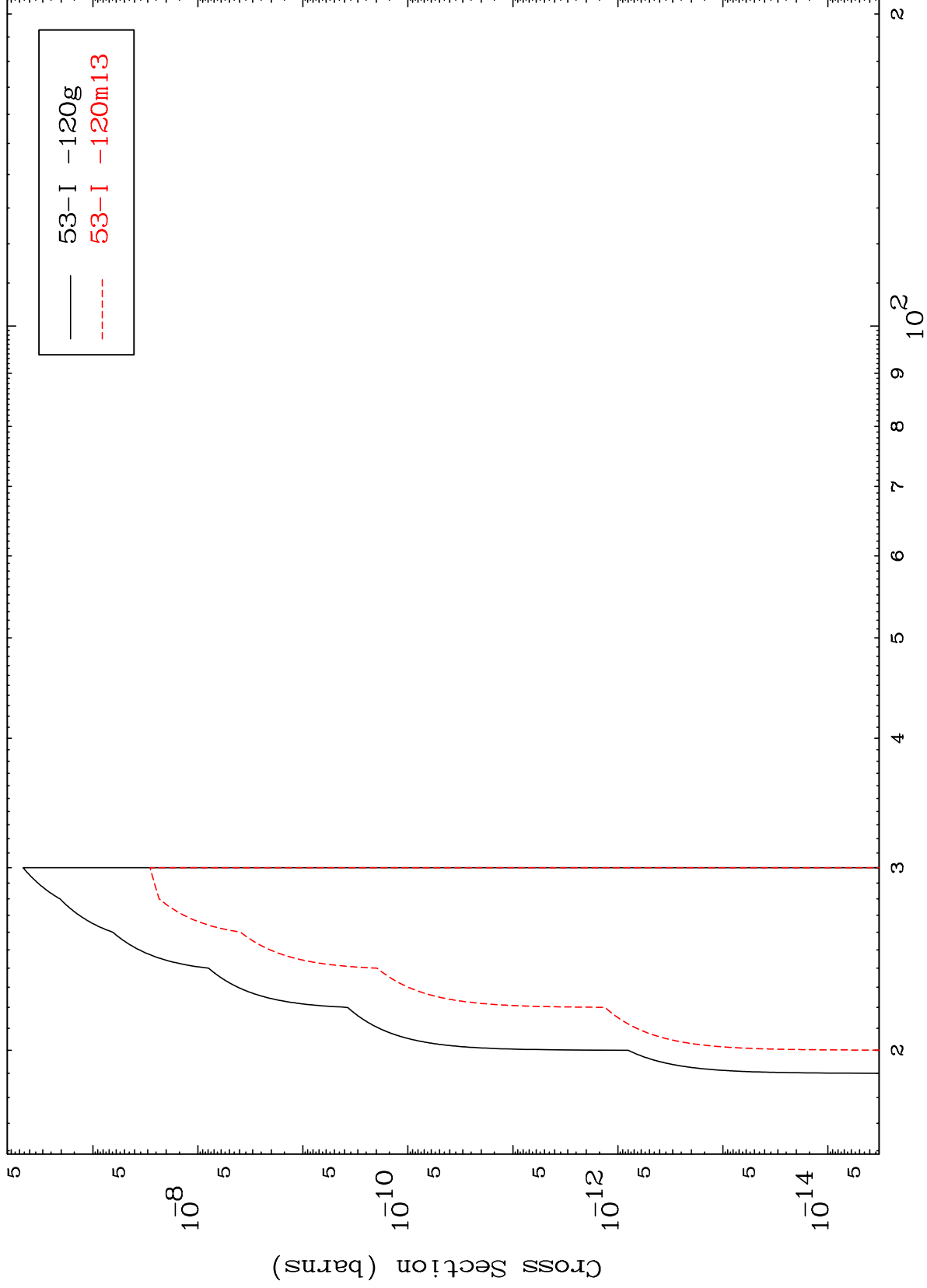
54-Xe-123

MAT 5422

(n, t)

54-Xe-123

Radionuclide Production Cross Section



15

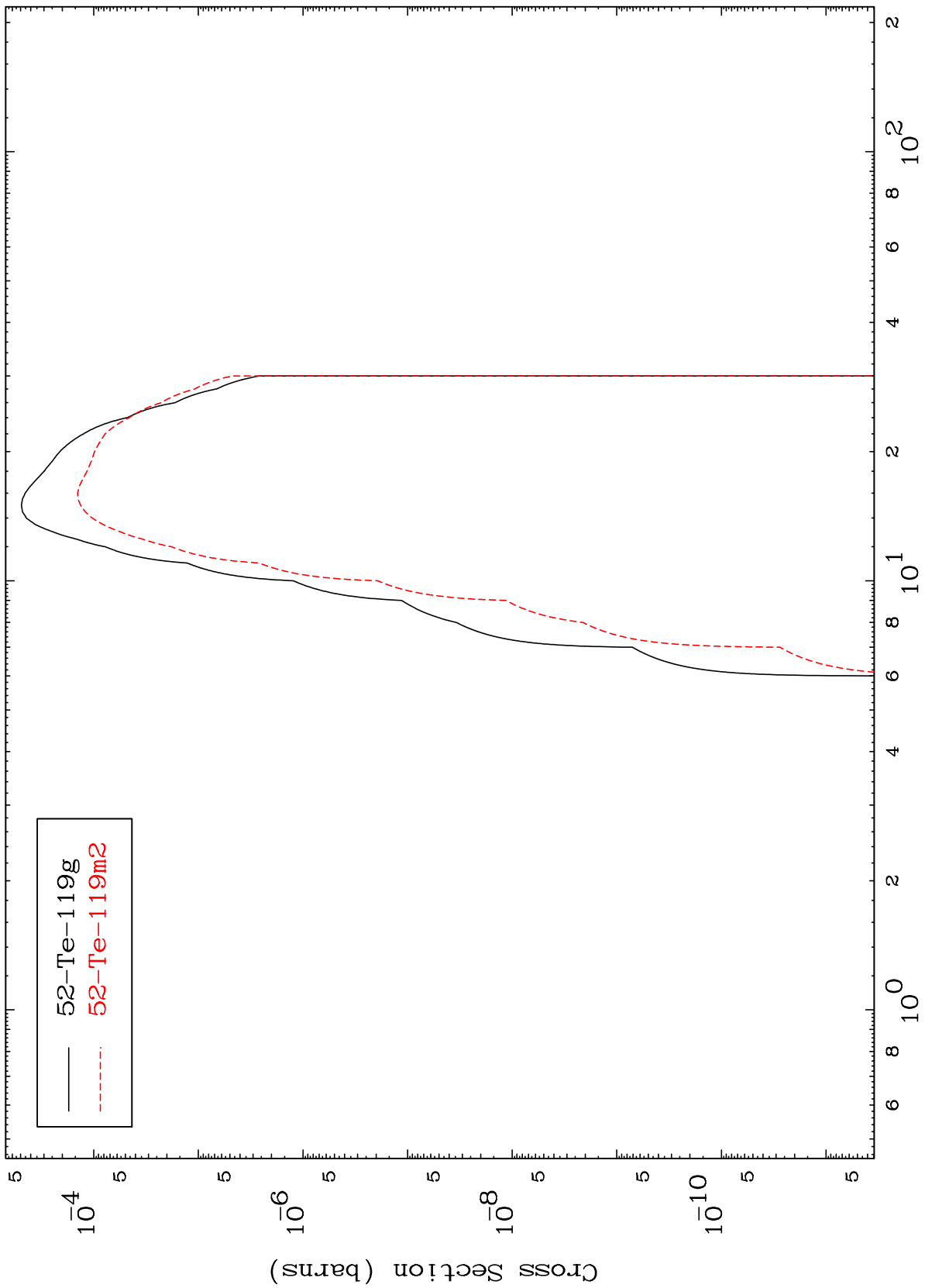
Incident Energy (MeV)

54-Xe-123

MAT 5422

54-Xe-123

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



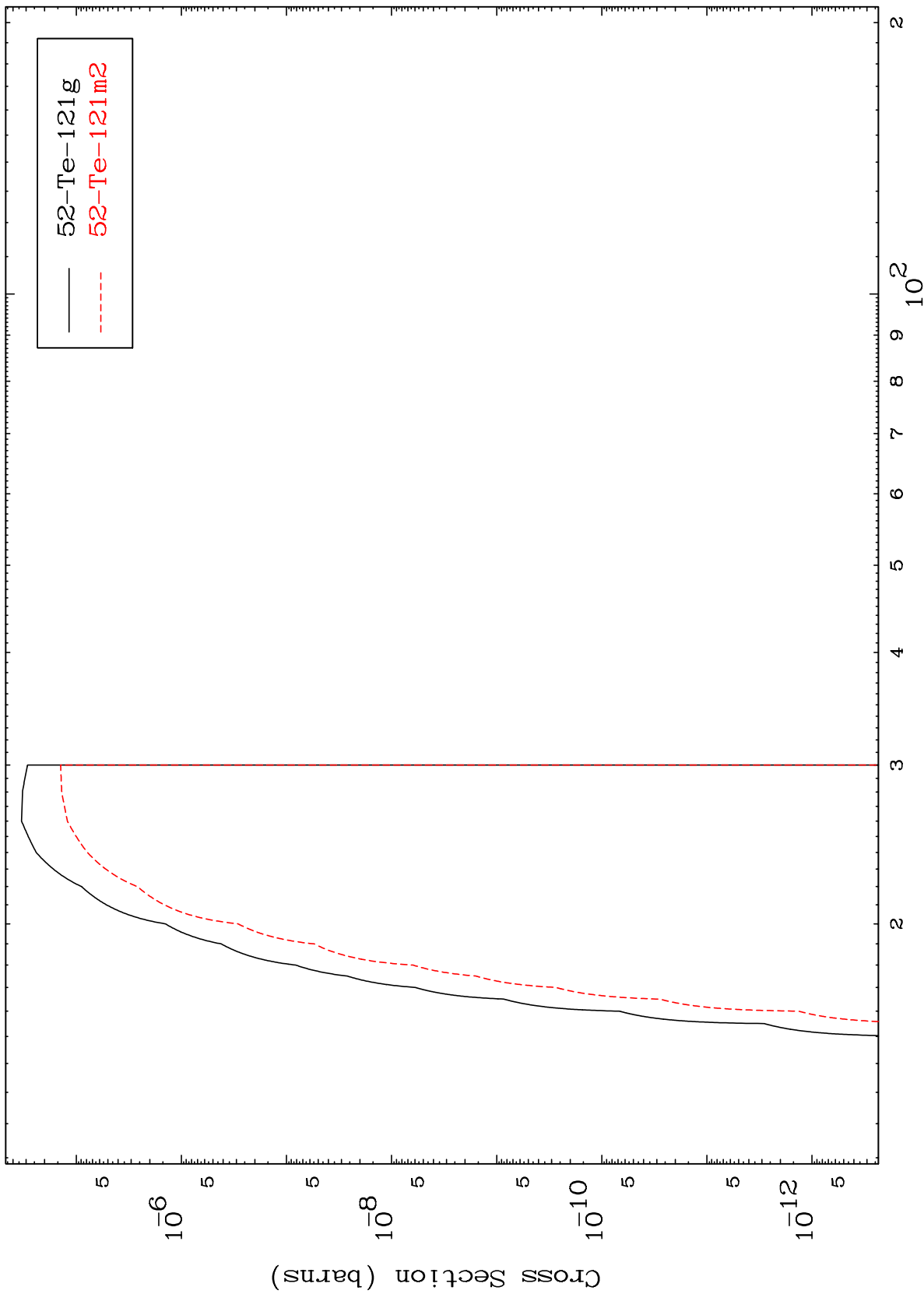
52-Te-119g  
52-Te-119m2

16

54-Xe-123

Incident Energy (MeV)

(n,2p)  
Radionuclide Production Cross Section

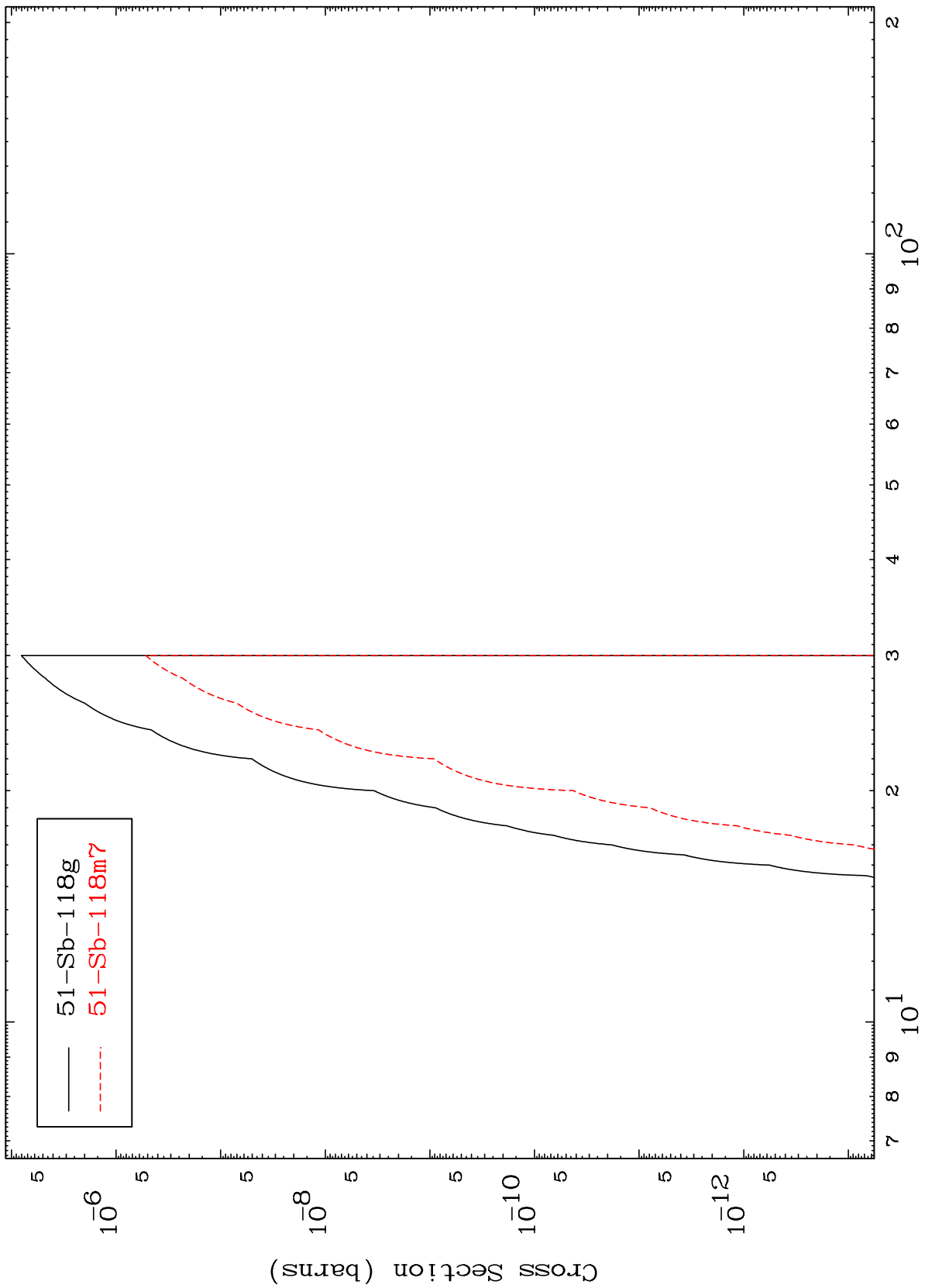


MAT 5422

(n,p)  $\alpha$

54-Xe-123

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-123