

Program EVALPLOT  
(Version 2021-1)

by

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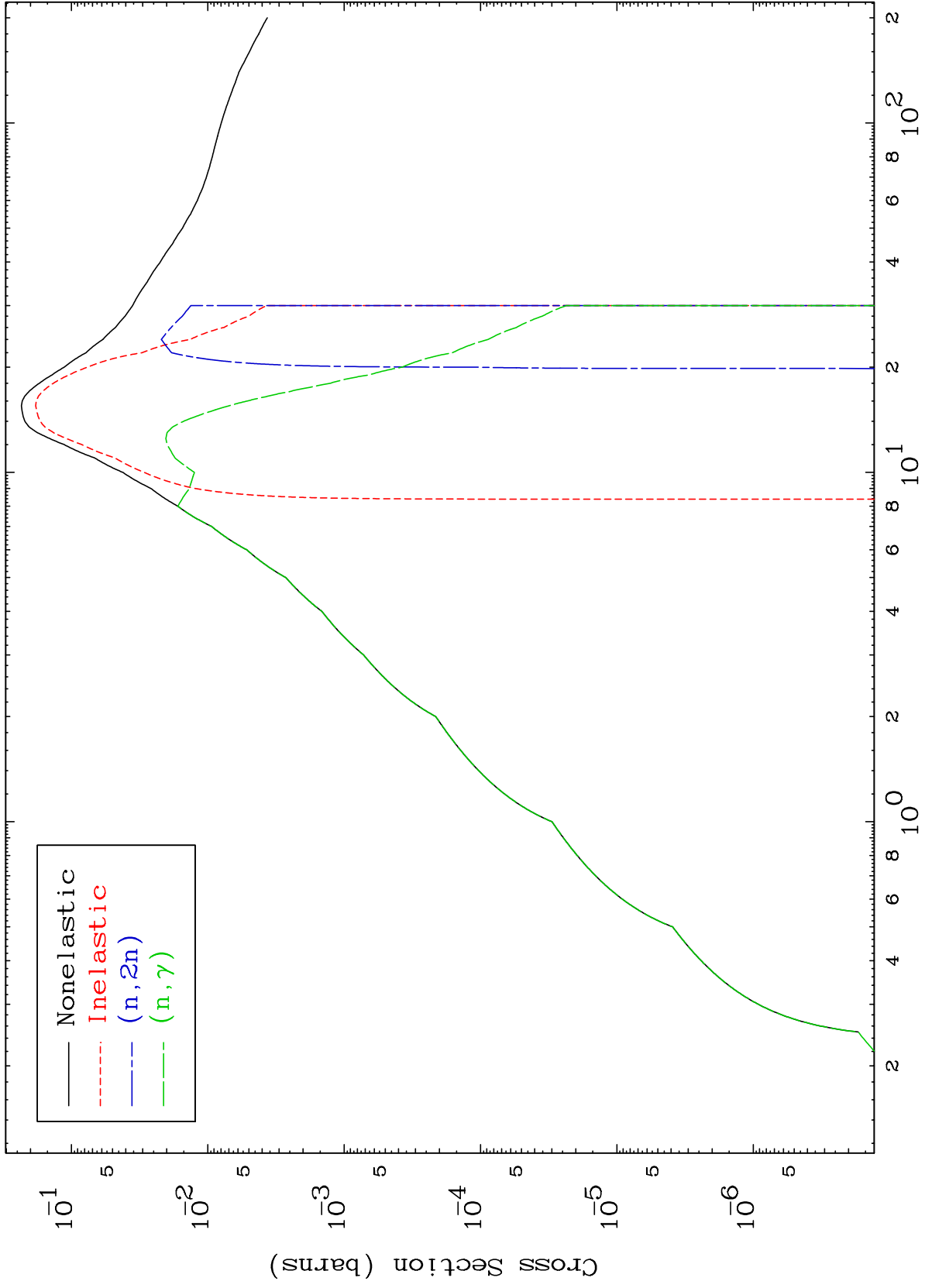
Press Mouse Button to Start

MAT 5416

Photon Major

54-Xe-121

0 Kelvin Cross Sections



1

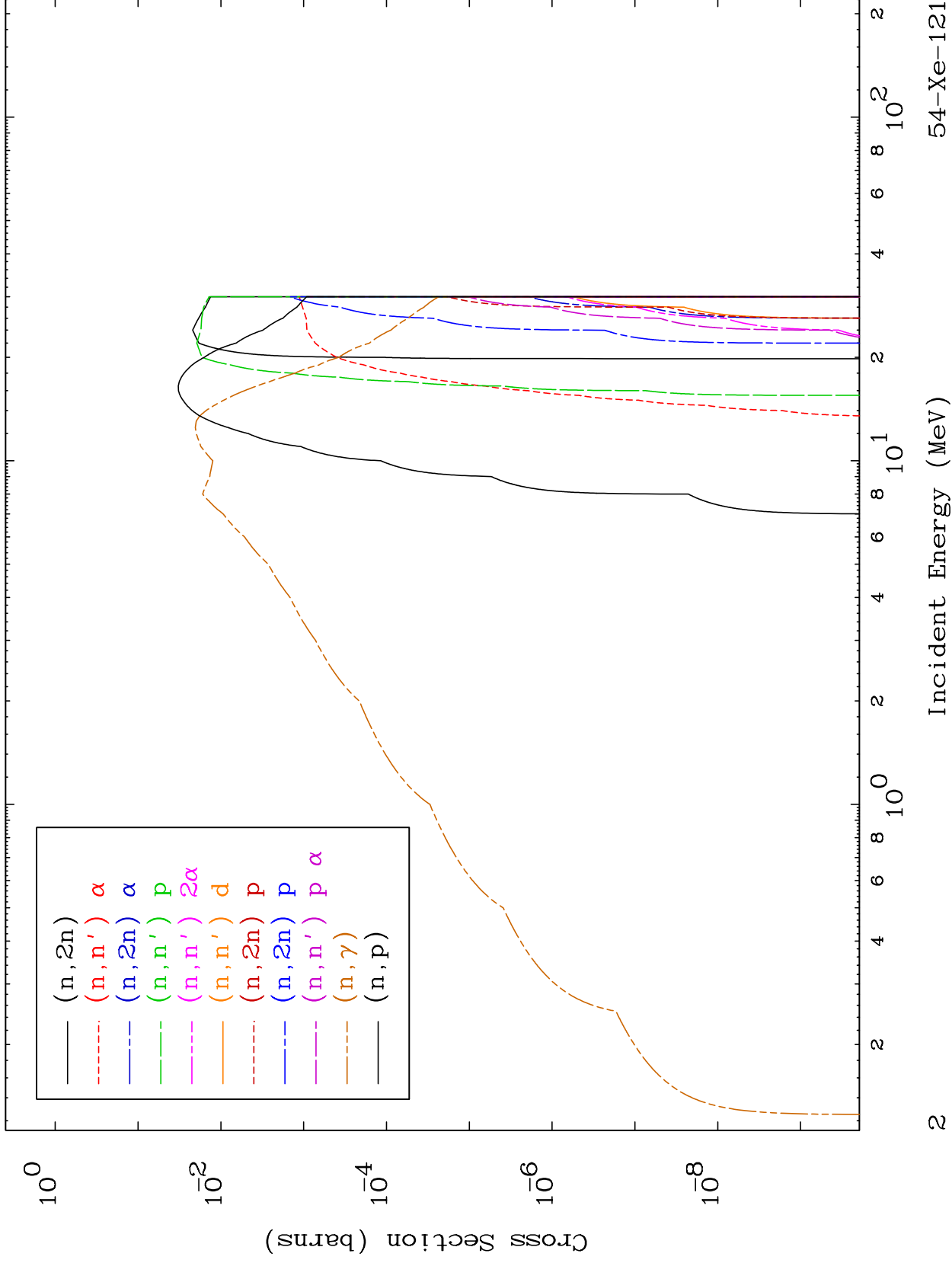
Incident Energy (MeV)

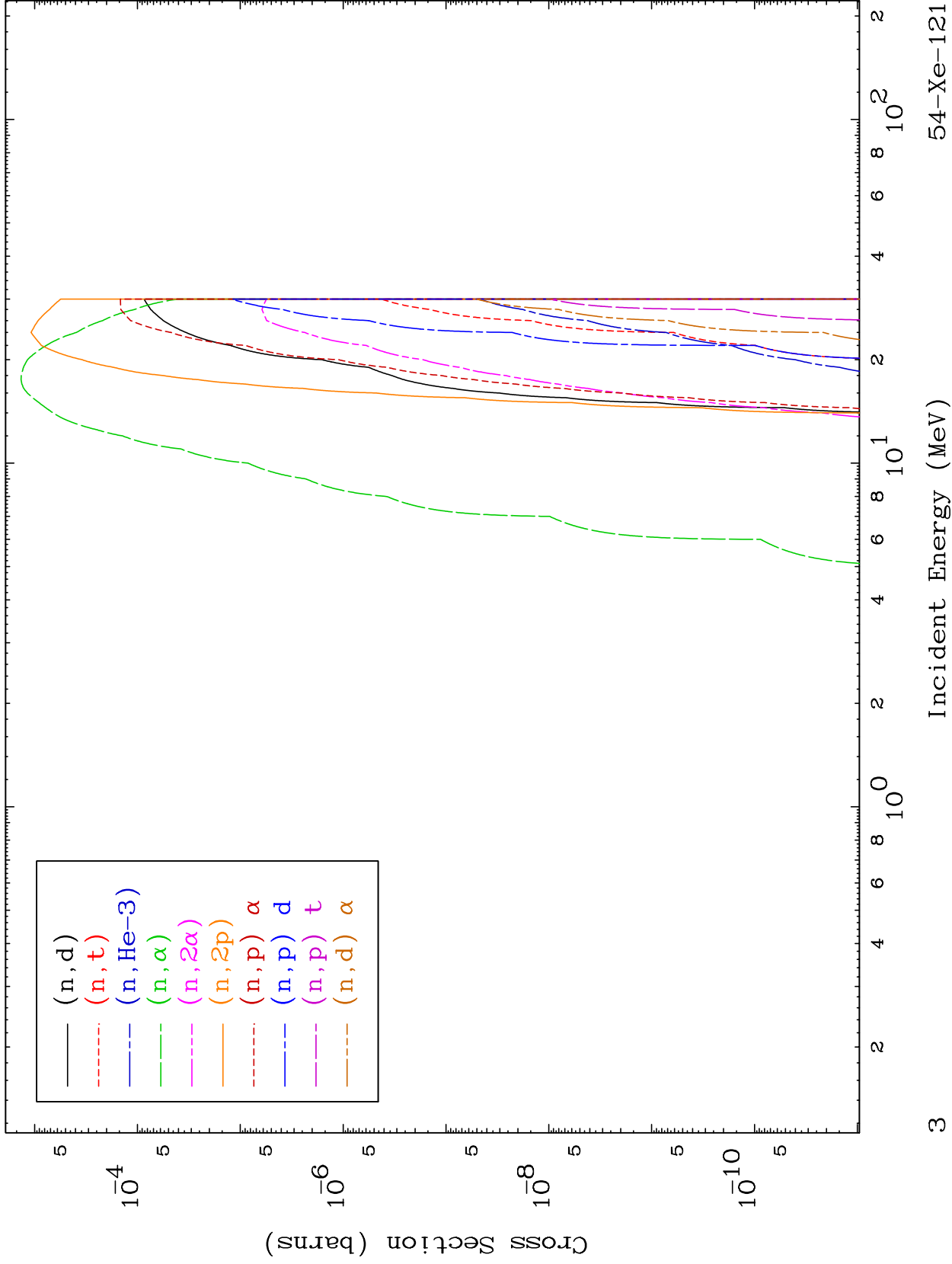
54-Xe-121

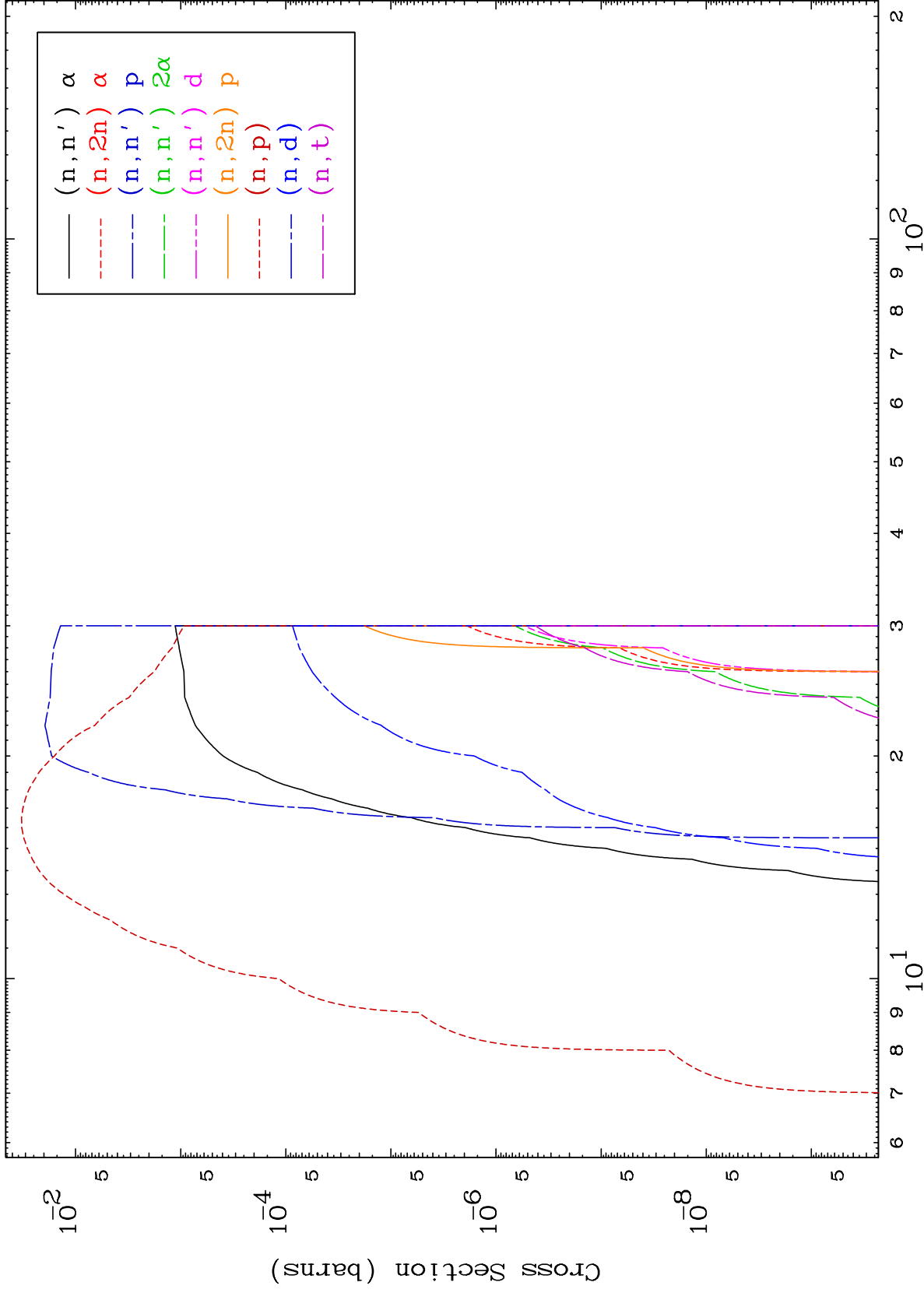
MAT 5416

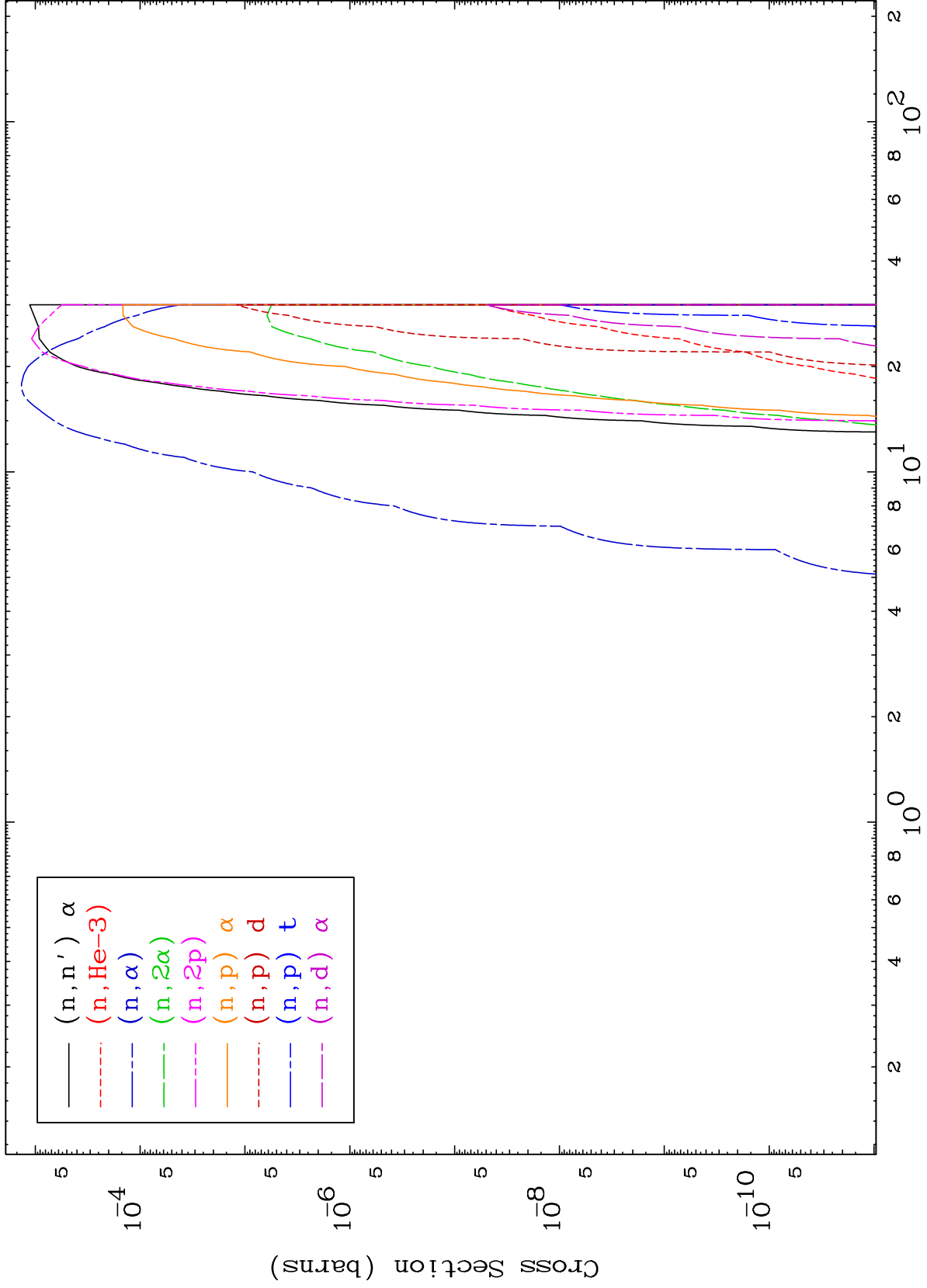
Photon Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-121







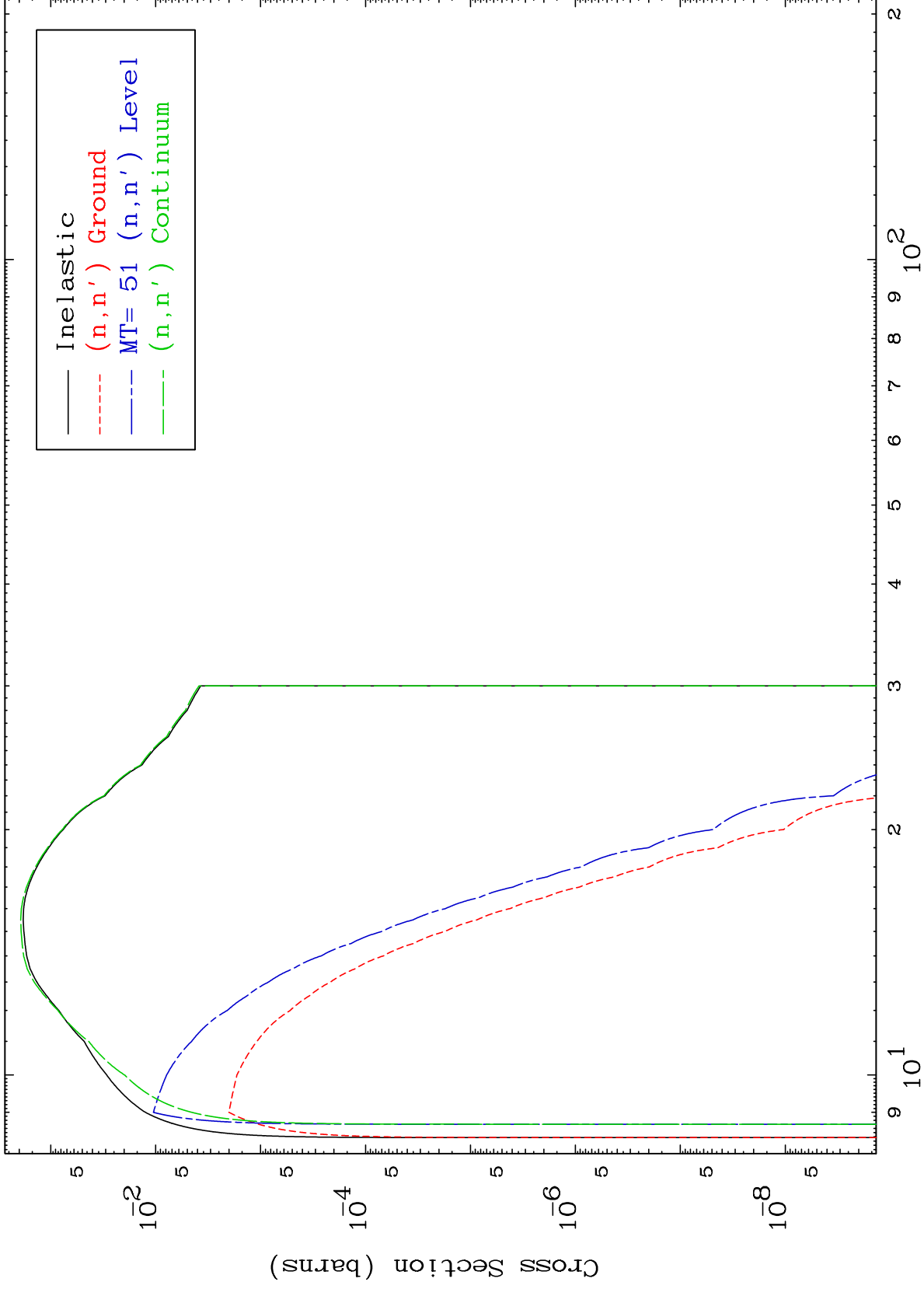


MAT 5416

( $\gamma, n'$ ) Levels

54-Xe-121

0 Kelvin Cross Sections



6

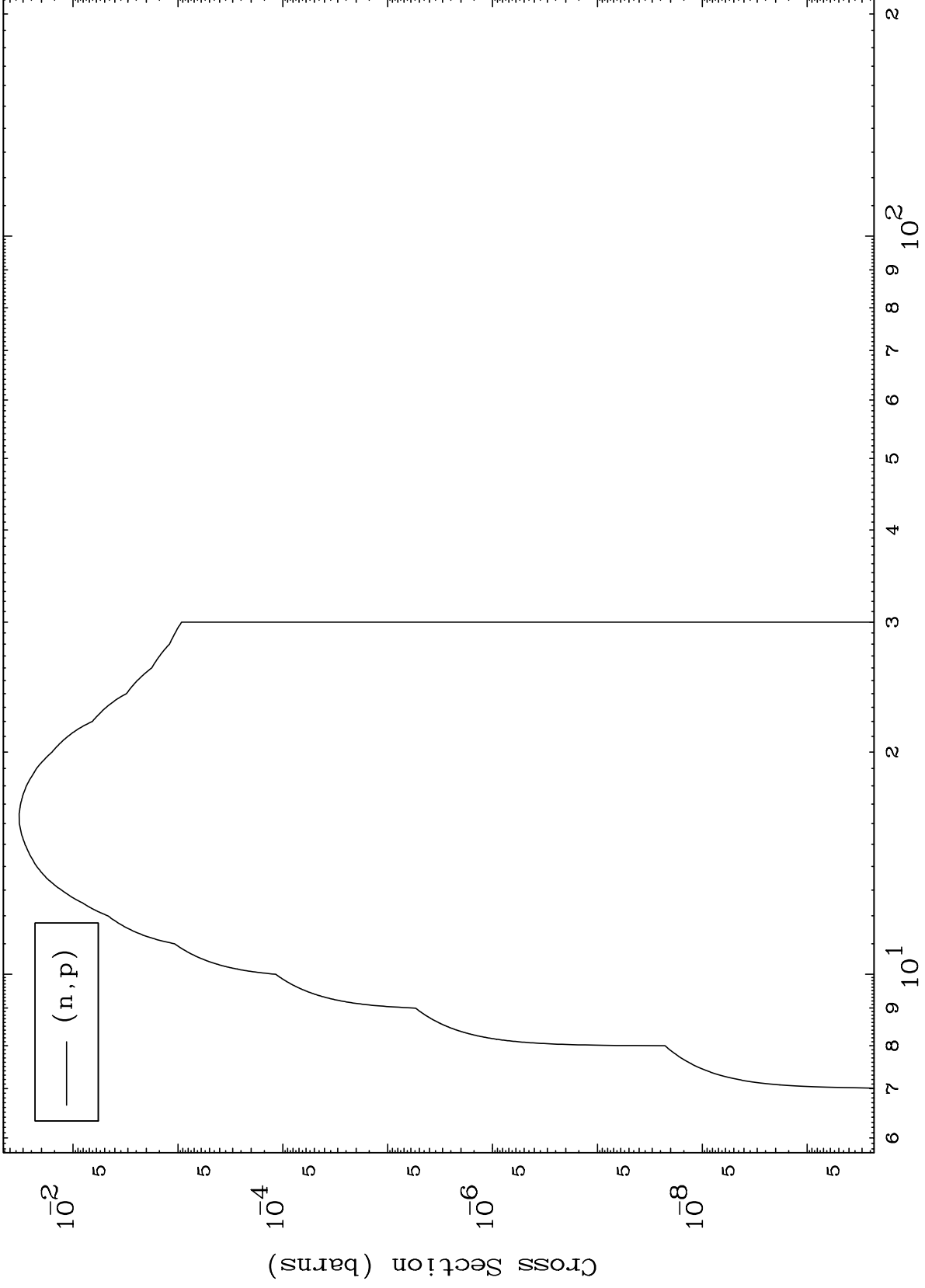
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

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



7

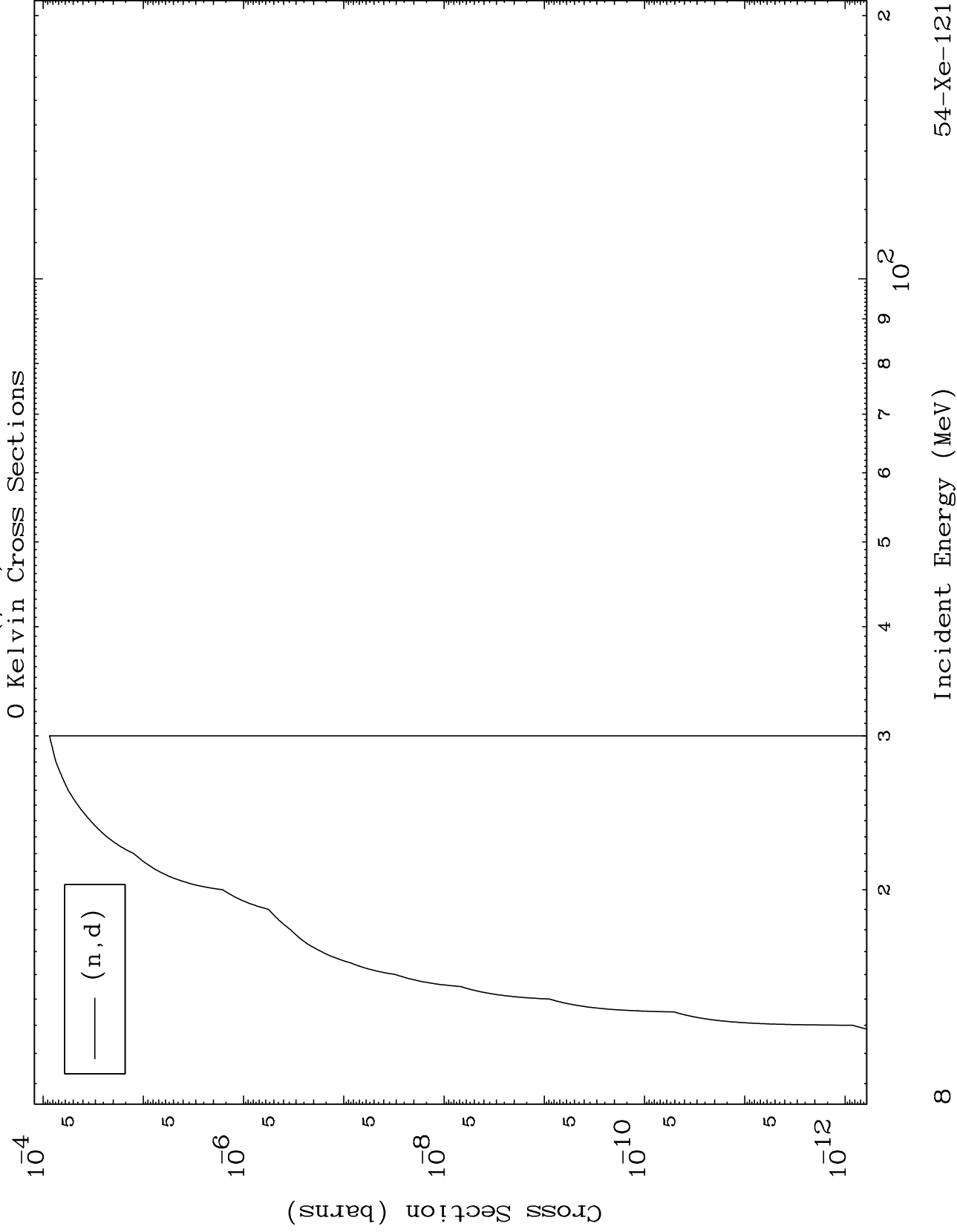
Incident Energy (MeV)

54-Xe-121

MAT 5416

( $\gamma, d$ ) Levels

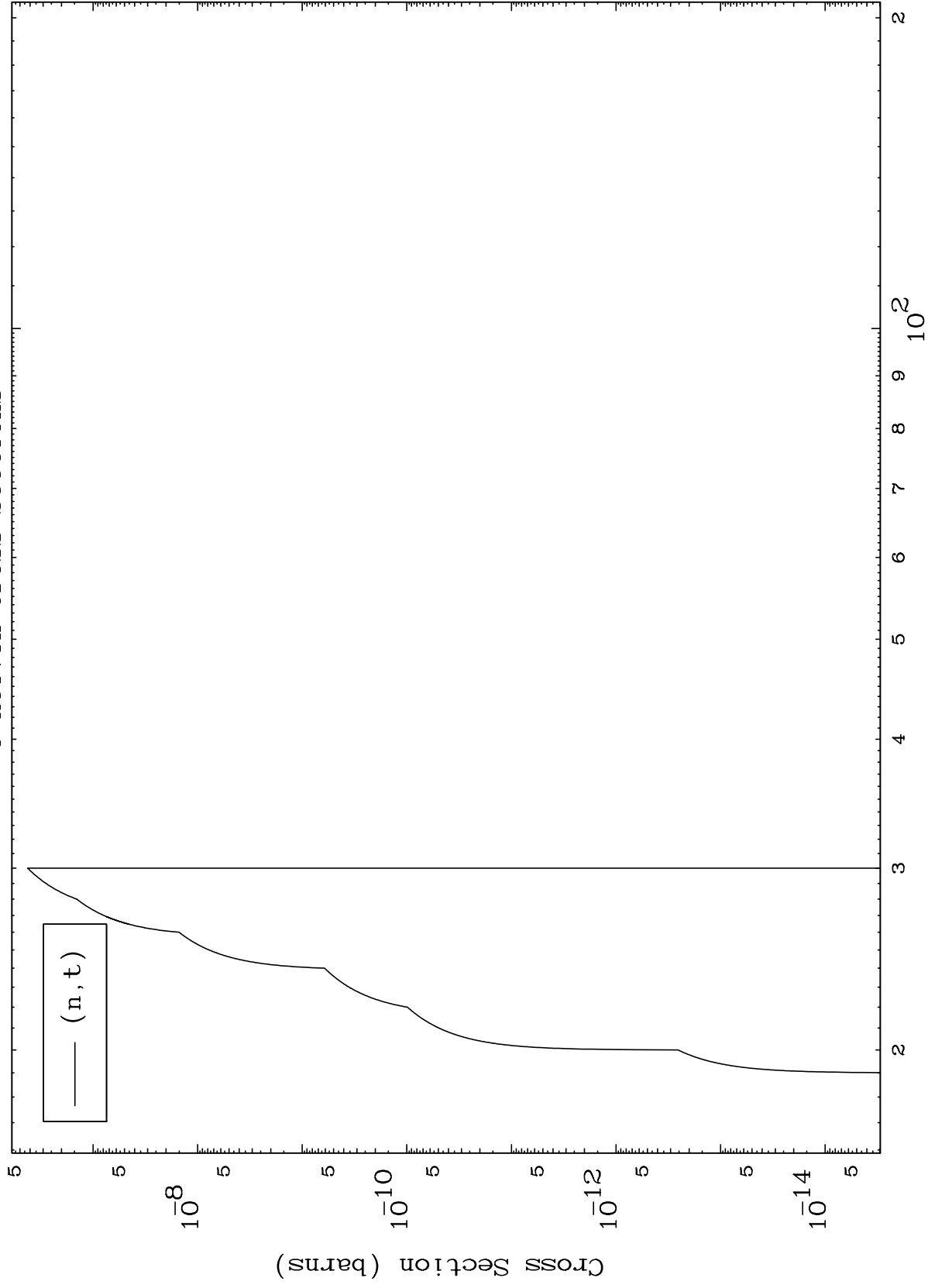
54-Xe-121



8

Incident Energy (MeV)

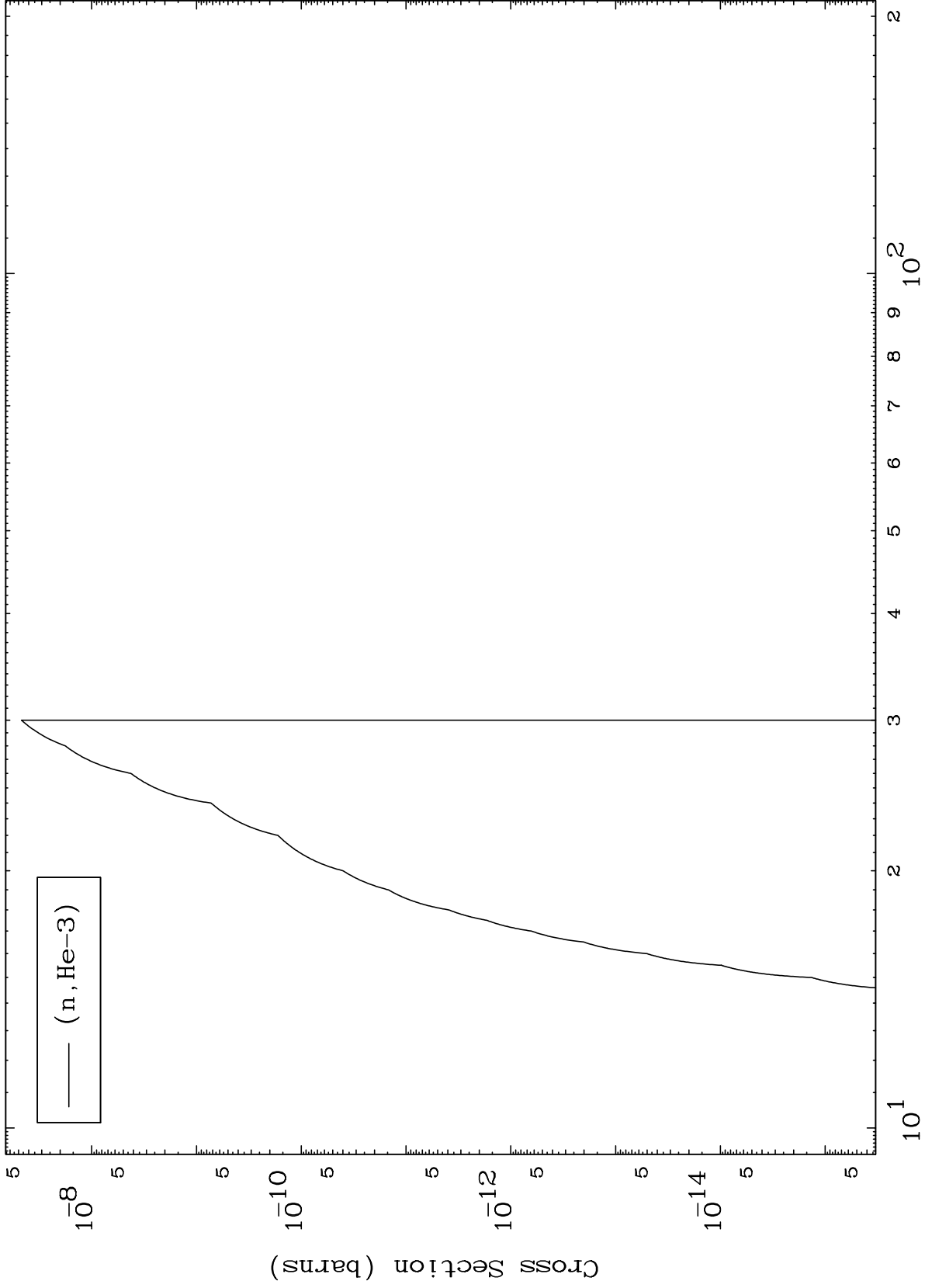
54-Xe-121



MAT 5416

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

54-Xe-121



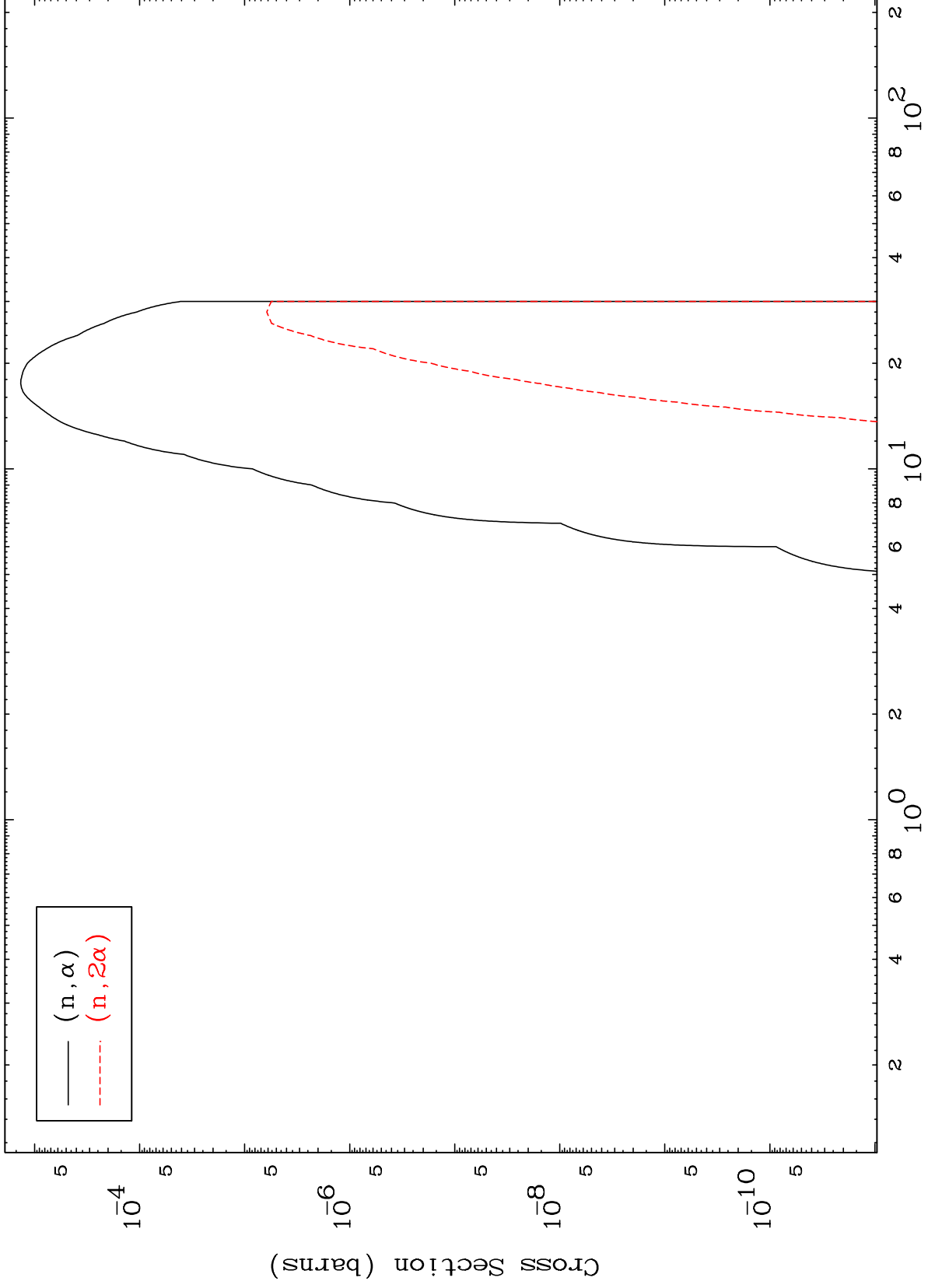
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121

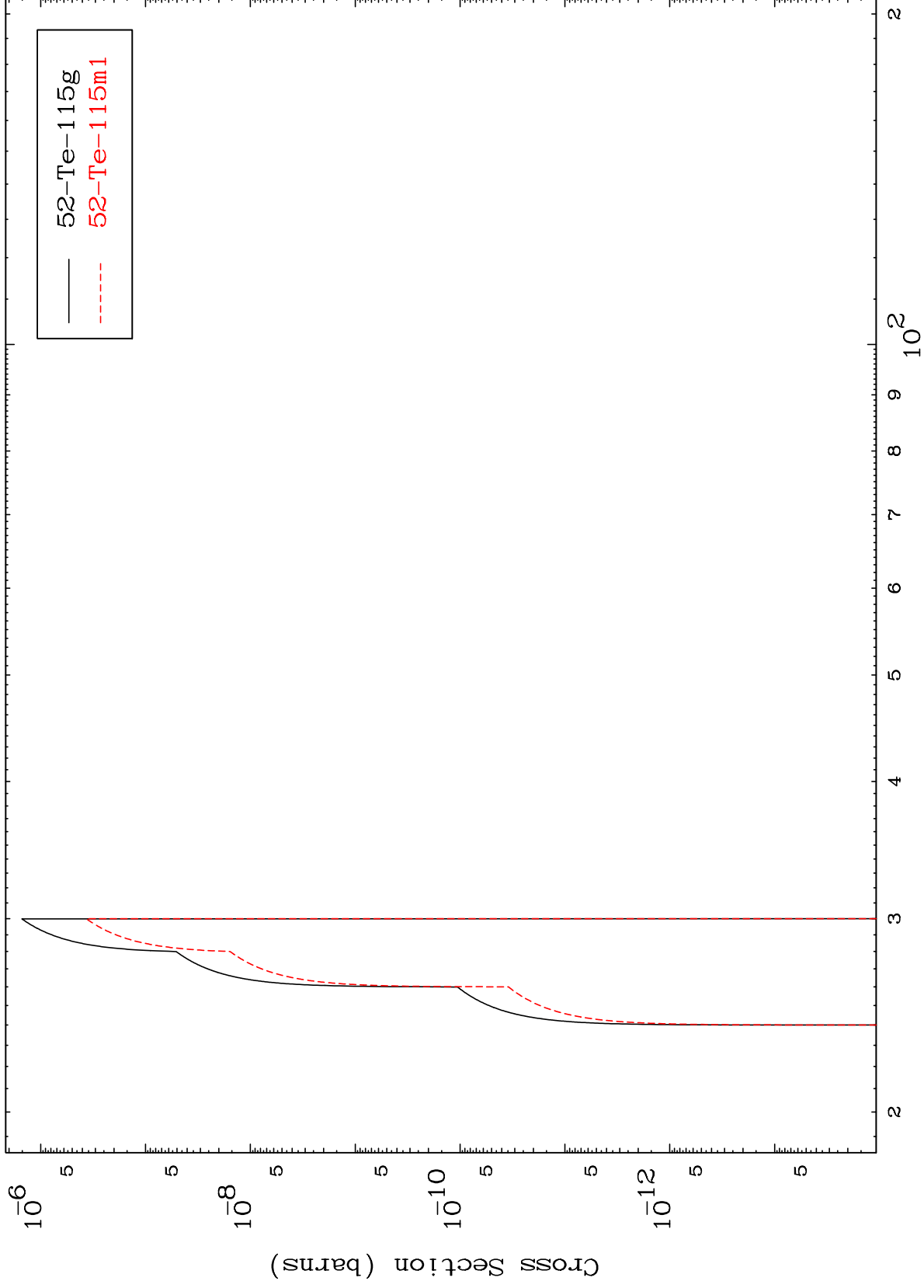


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$(n,2n) \alpha$

54-Xe-121

Radionuclide Production Cross Section

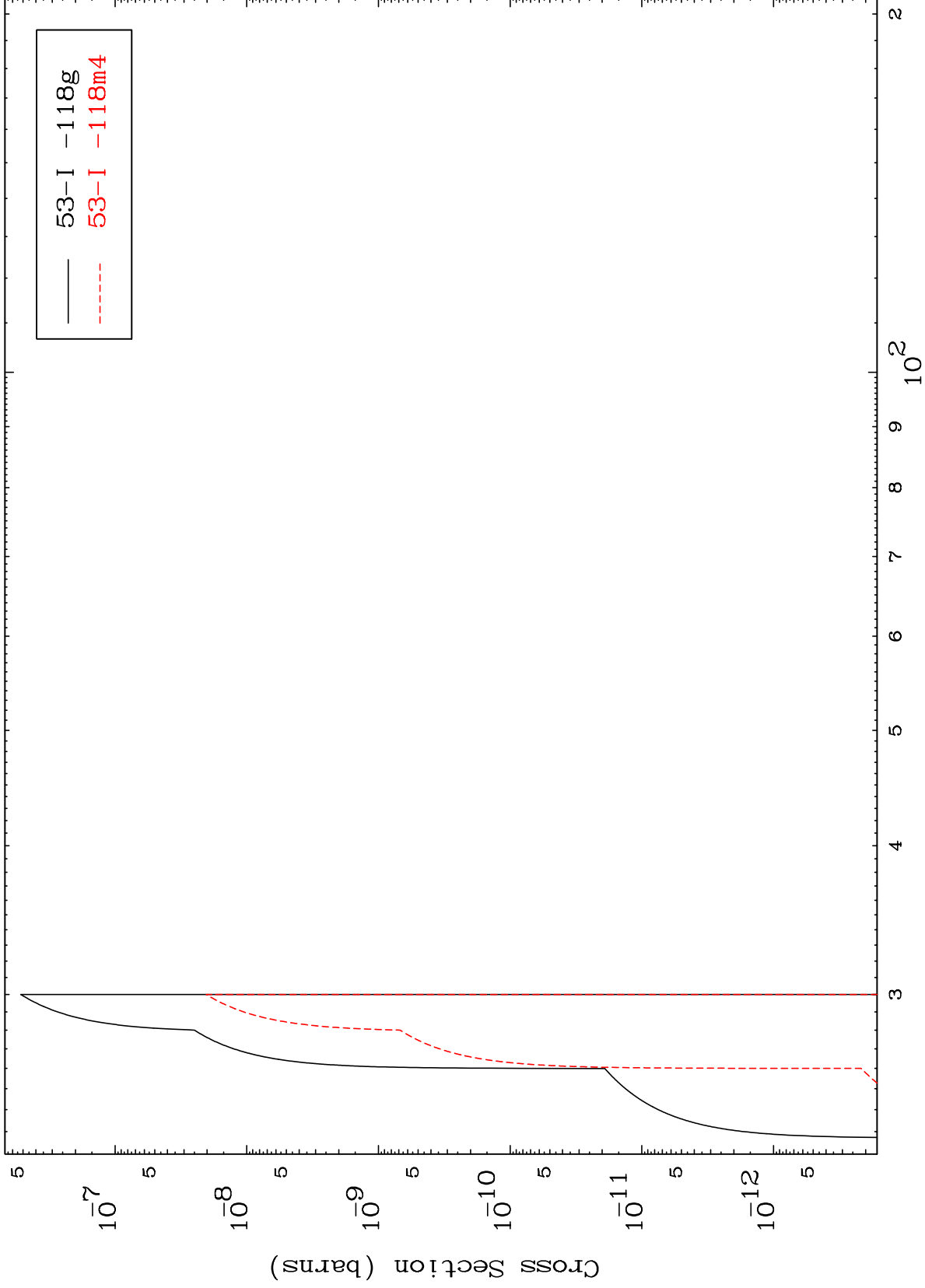


12

Incident Energy (MeV)

54-Xe-121

Radionuclide Production Cross Section

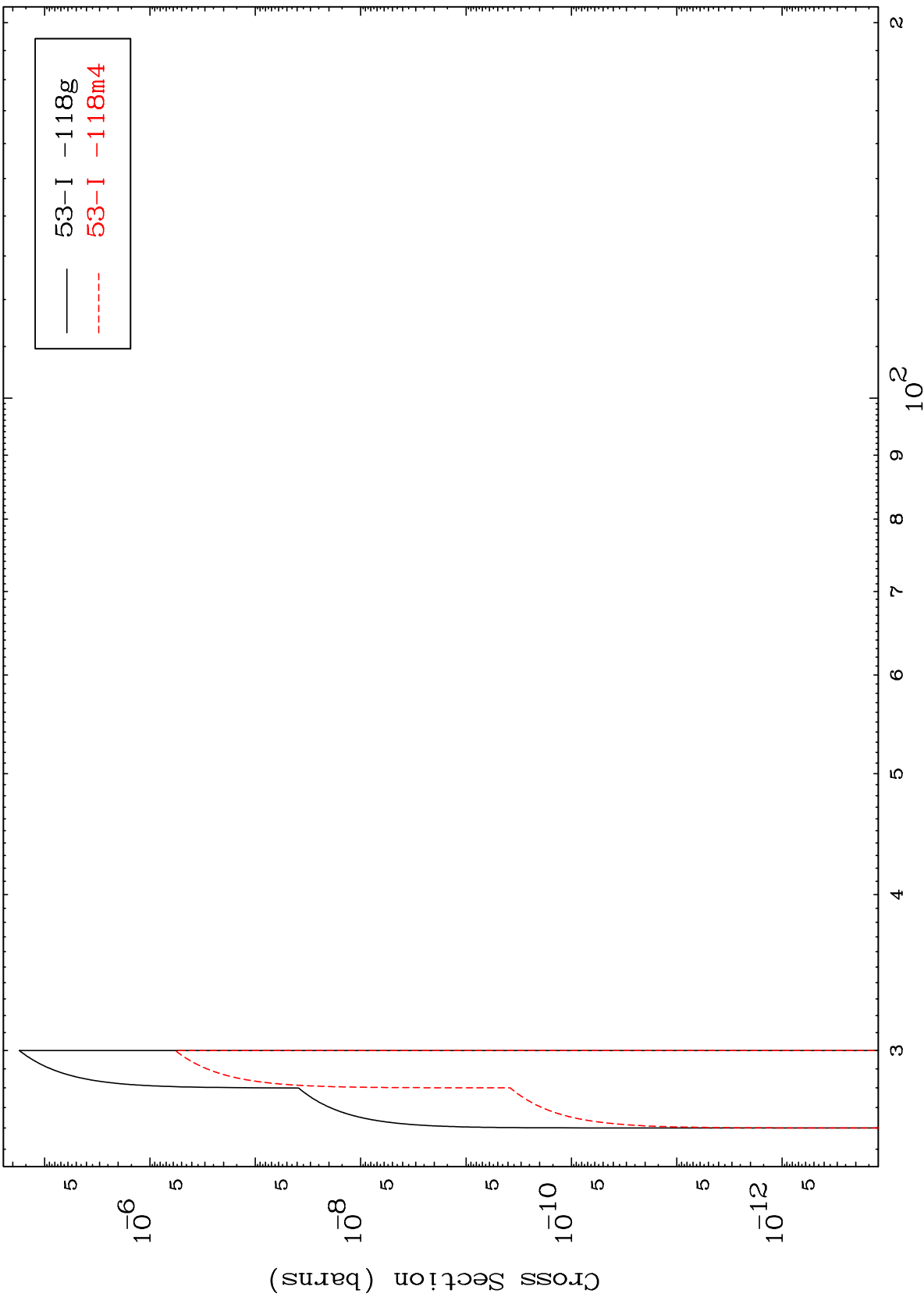


MAT 5416

(n,2n) p

54-Xe-121

Radionuclide Production Cross Section



53-I -118g  
53-I -118m4

14

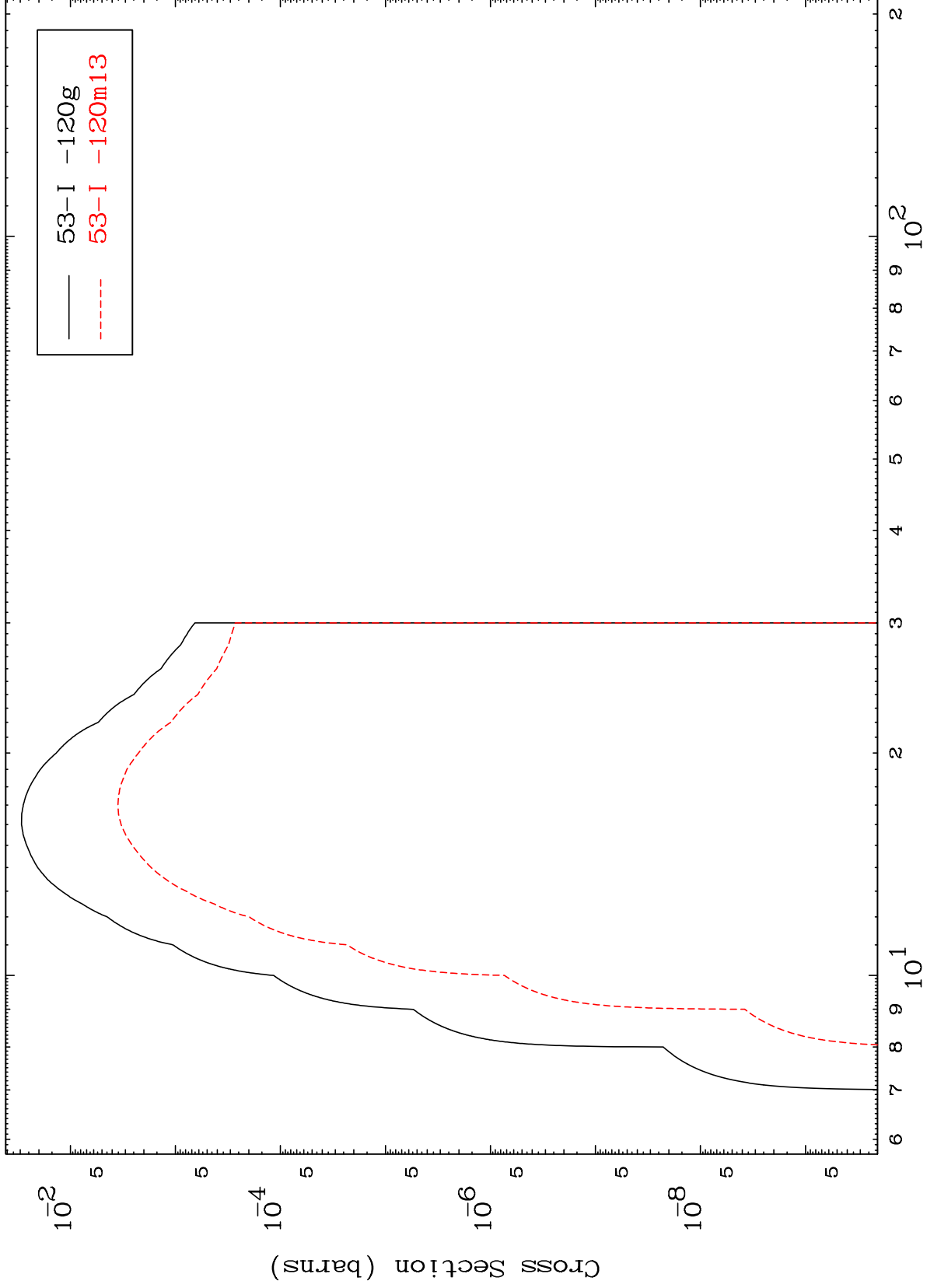
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(n,p)  
Radionuclide Production Cross Section

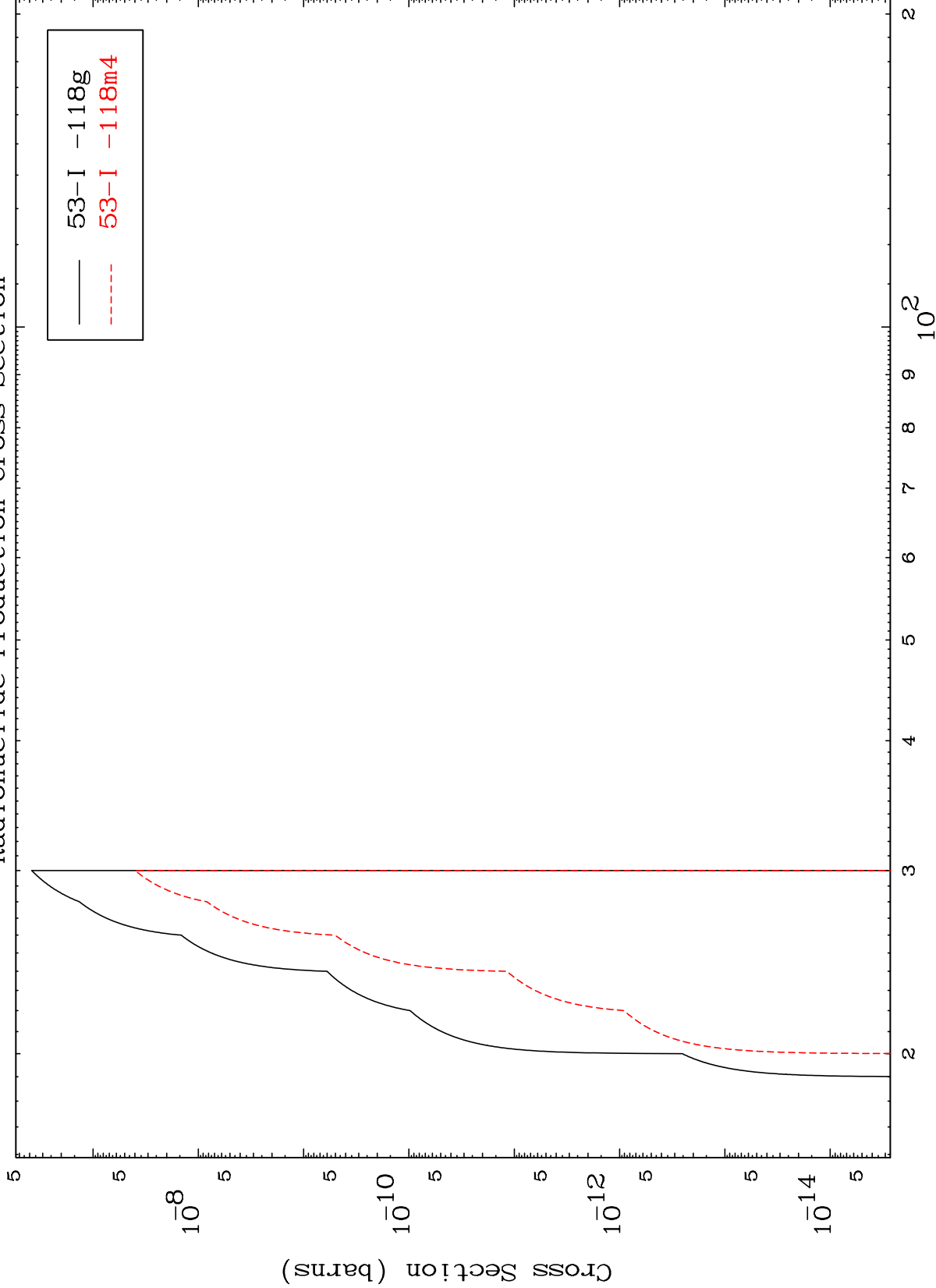


15

Incident Energy (MeV)

54-Xe-121

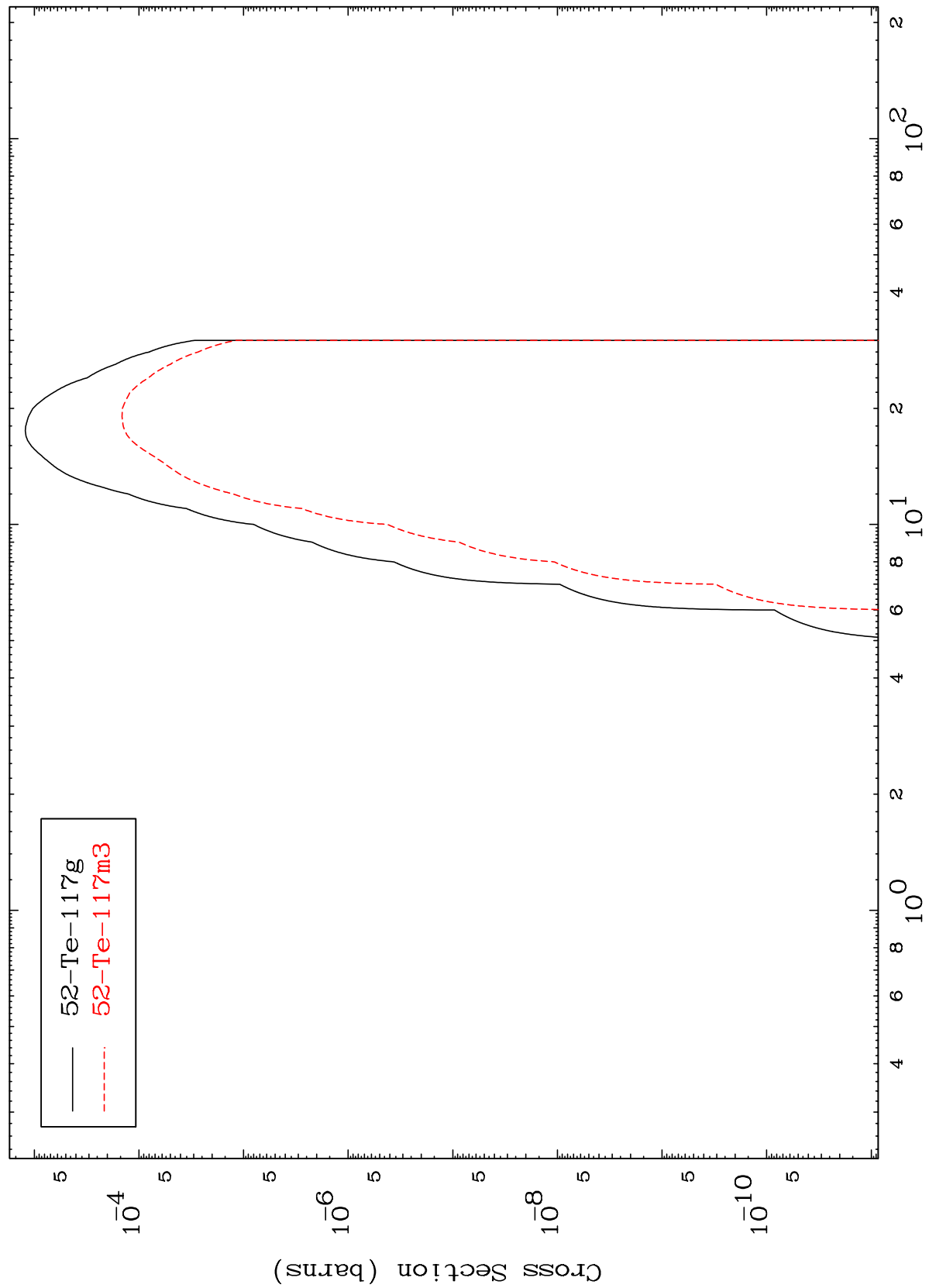
(n,t)  
Radionuclide Production Cross Section



MAT 5416

54-Xe-121

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



17

54-Xe-121

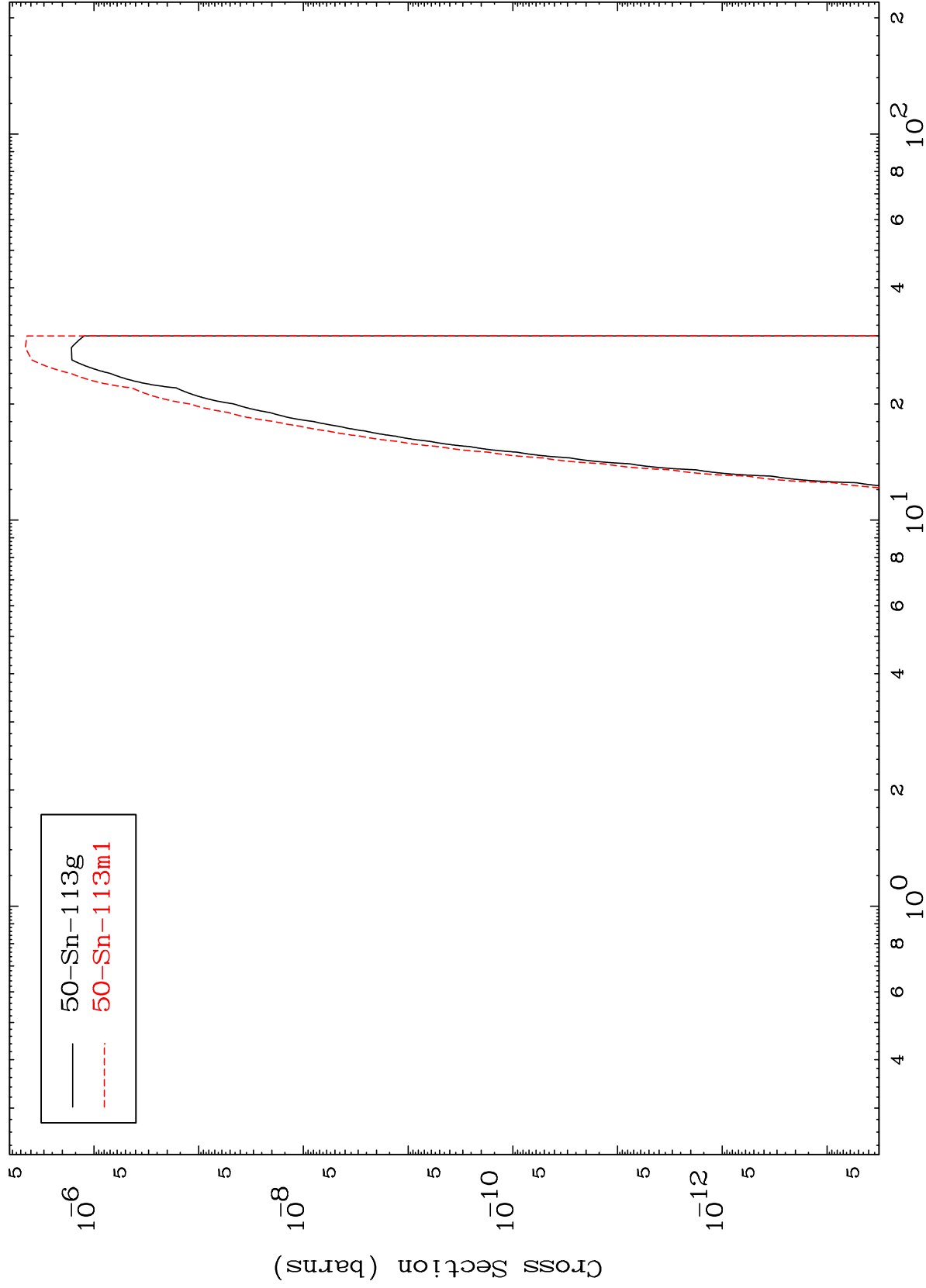
Incident Energy (MeV)

MAT 5416

54-Xe-121

(n,2α)

Radionuclide Production Cross Section



54-Xe-121

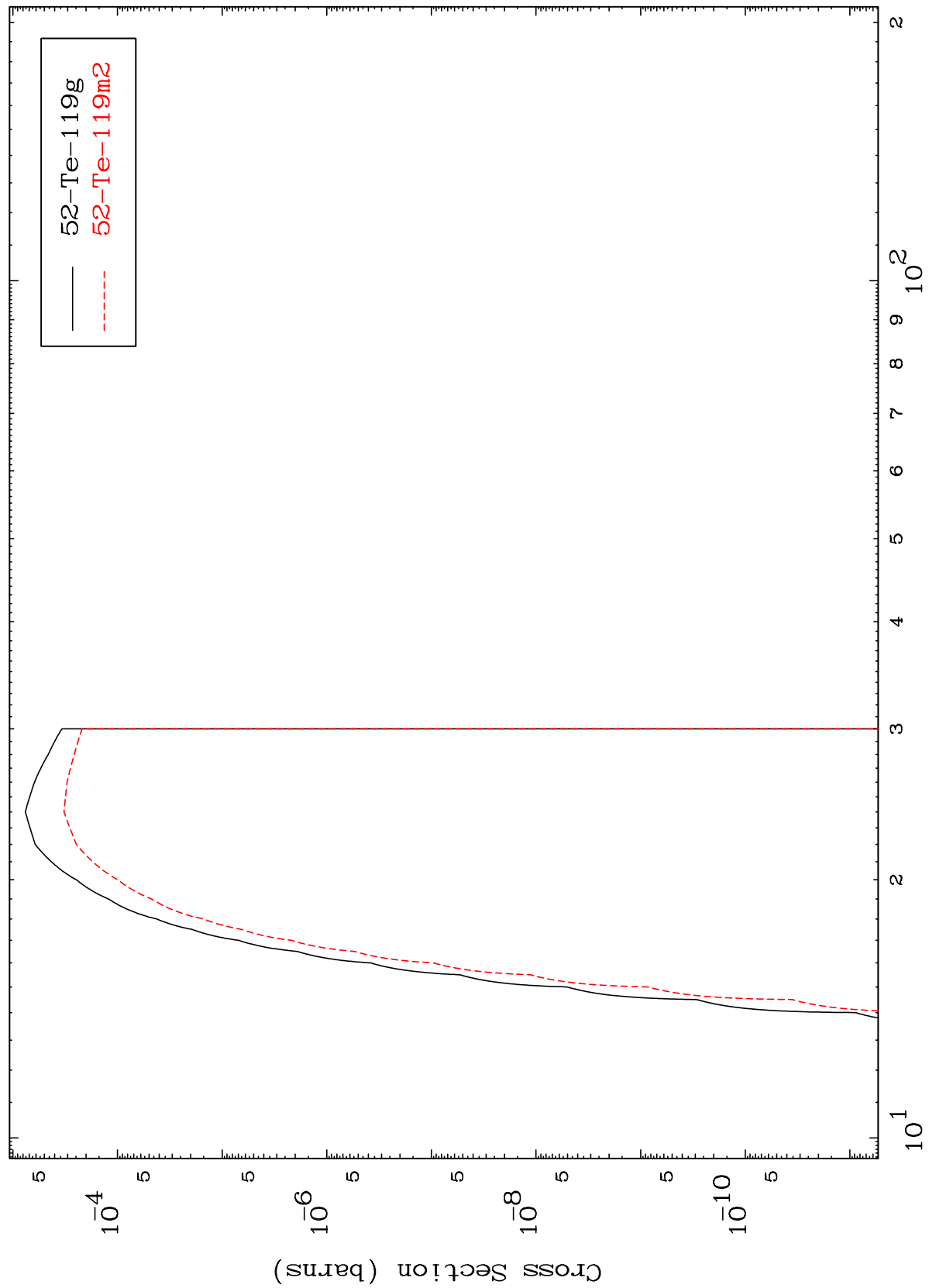
Incident Energy (MeV)

18

MAT 5416

54-Xe-121

(n,2p)  
Radionuclide Production Cross Section



54-Xe-121

Incident Energy (MeV)

19

$10^1$

2

$10^2$

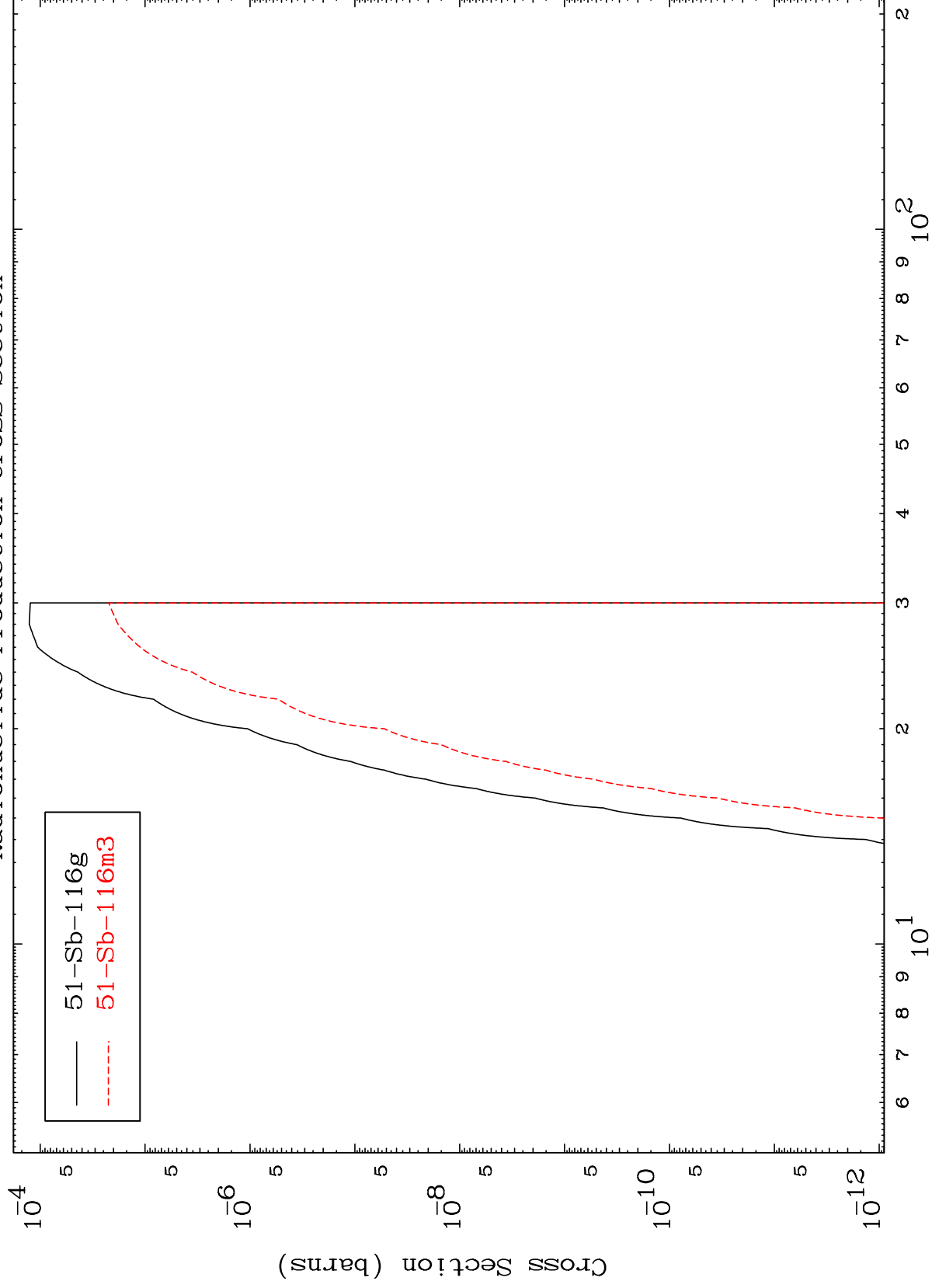
2

MAT 5416

(n,p)  $\alpha$

54-Xe-121

Radionuclide Production Cross Section



20

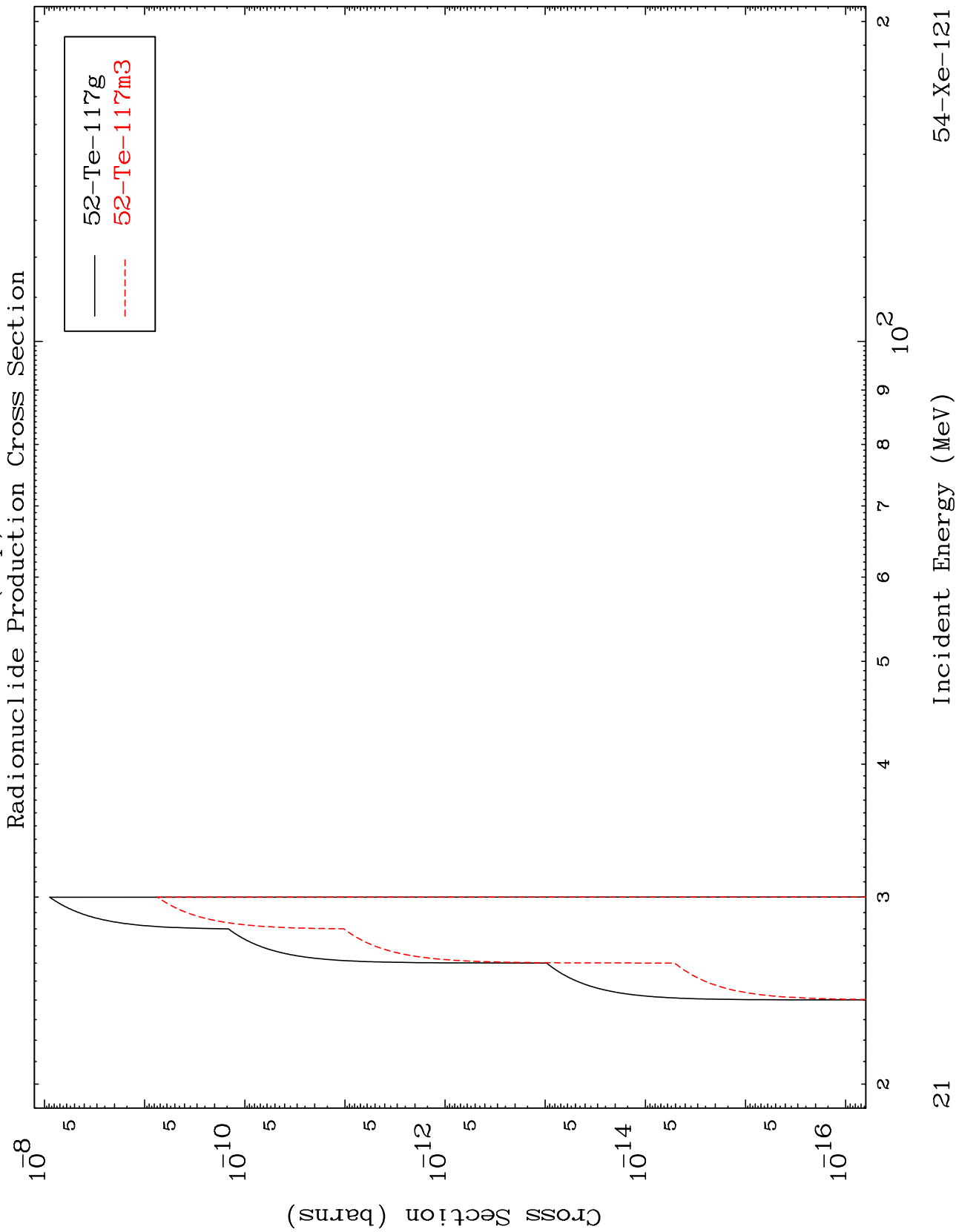
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,p) t

54-Xe-121



21

Incident Energy (MeV)

54-Xe-121