

Program EVALPLOT  
(Version 2018-1)

by

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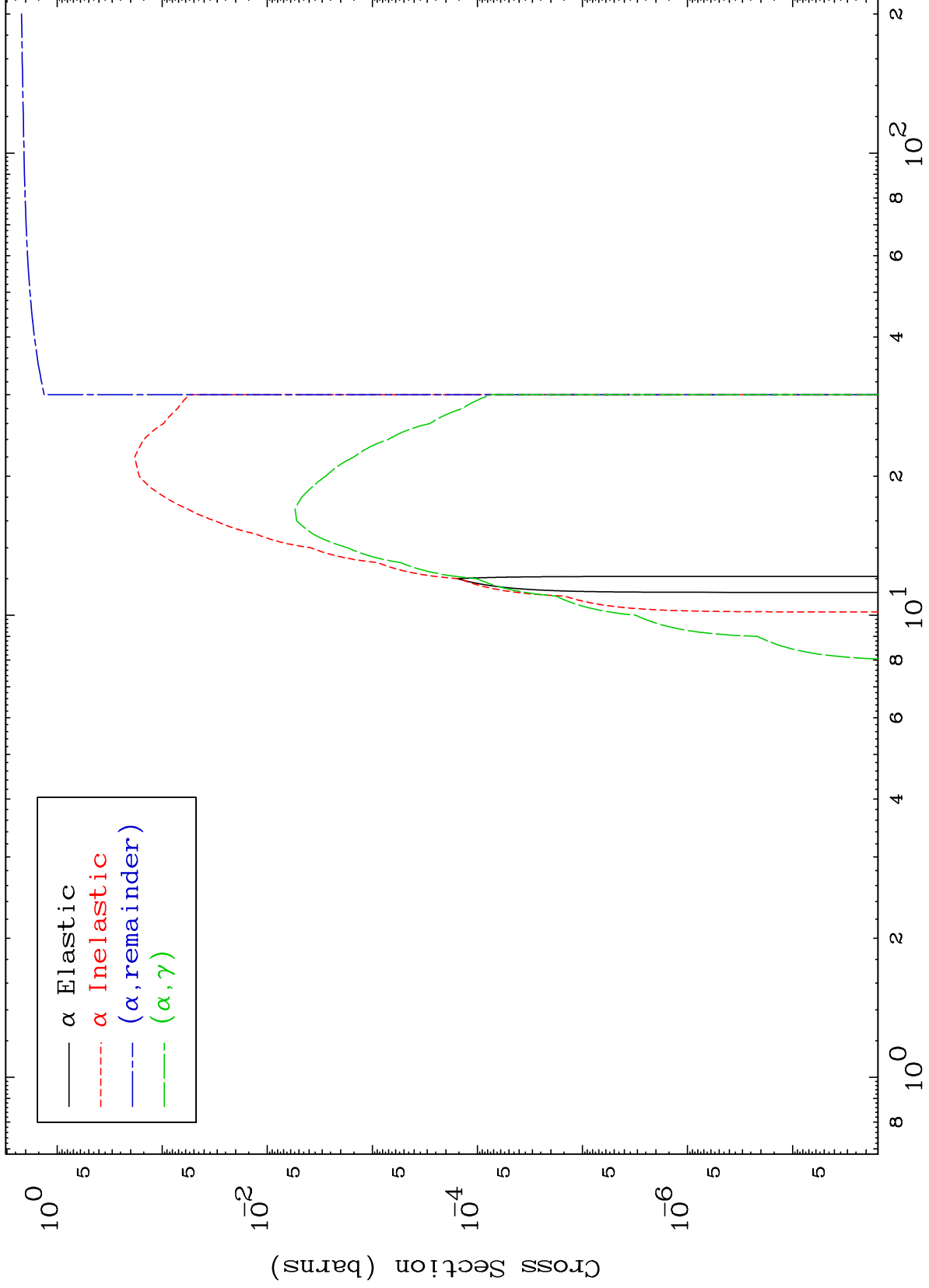
Press Mouse Button to Start

MAT 5410

0 Kelvin

$\alpha$  Major Cross Sections

54-Xe-119



1

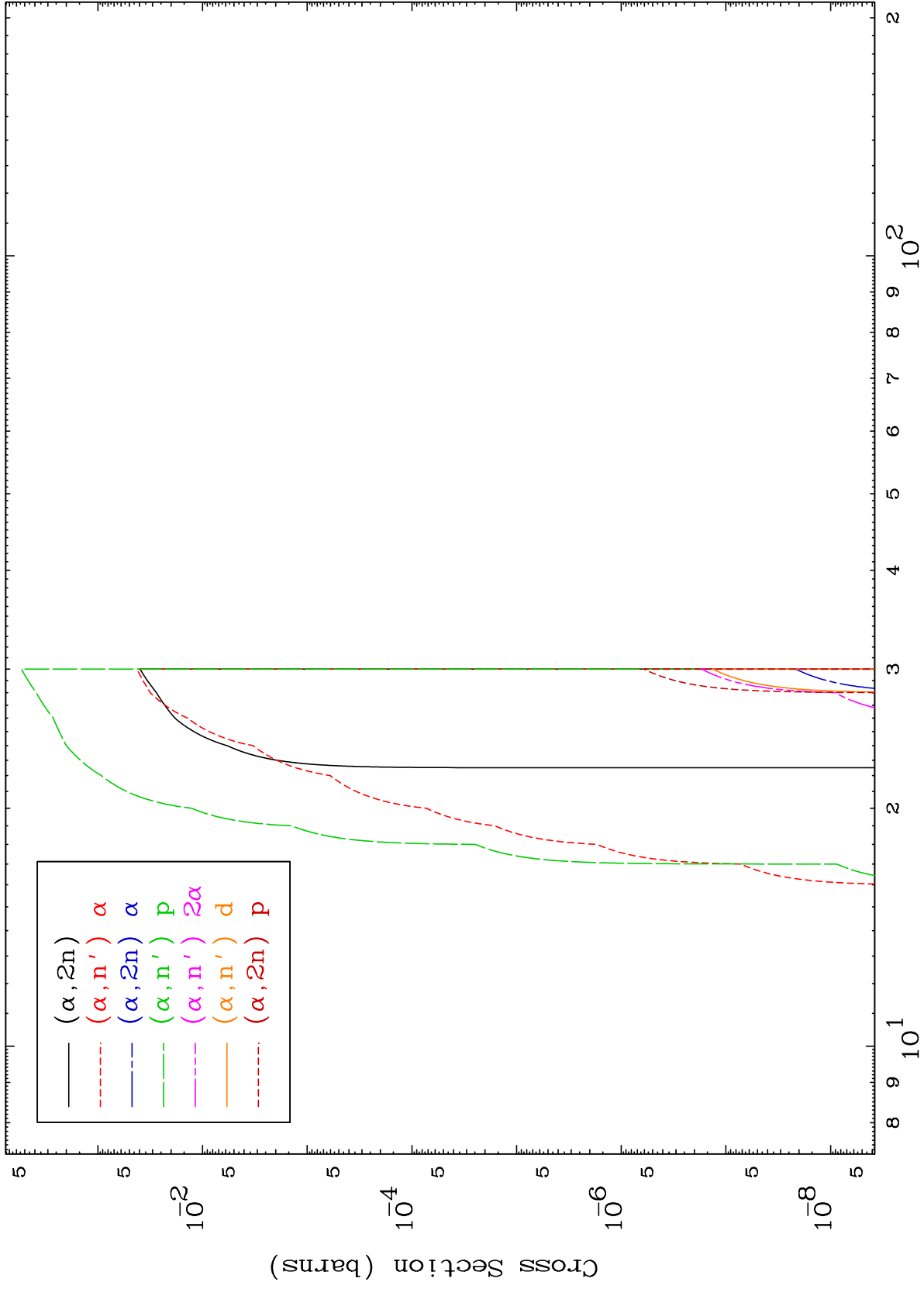
Incident Energy (MeV)

54-Xe-119

MAT 5410

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

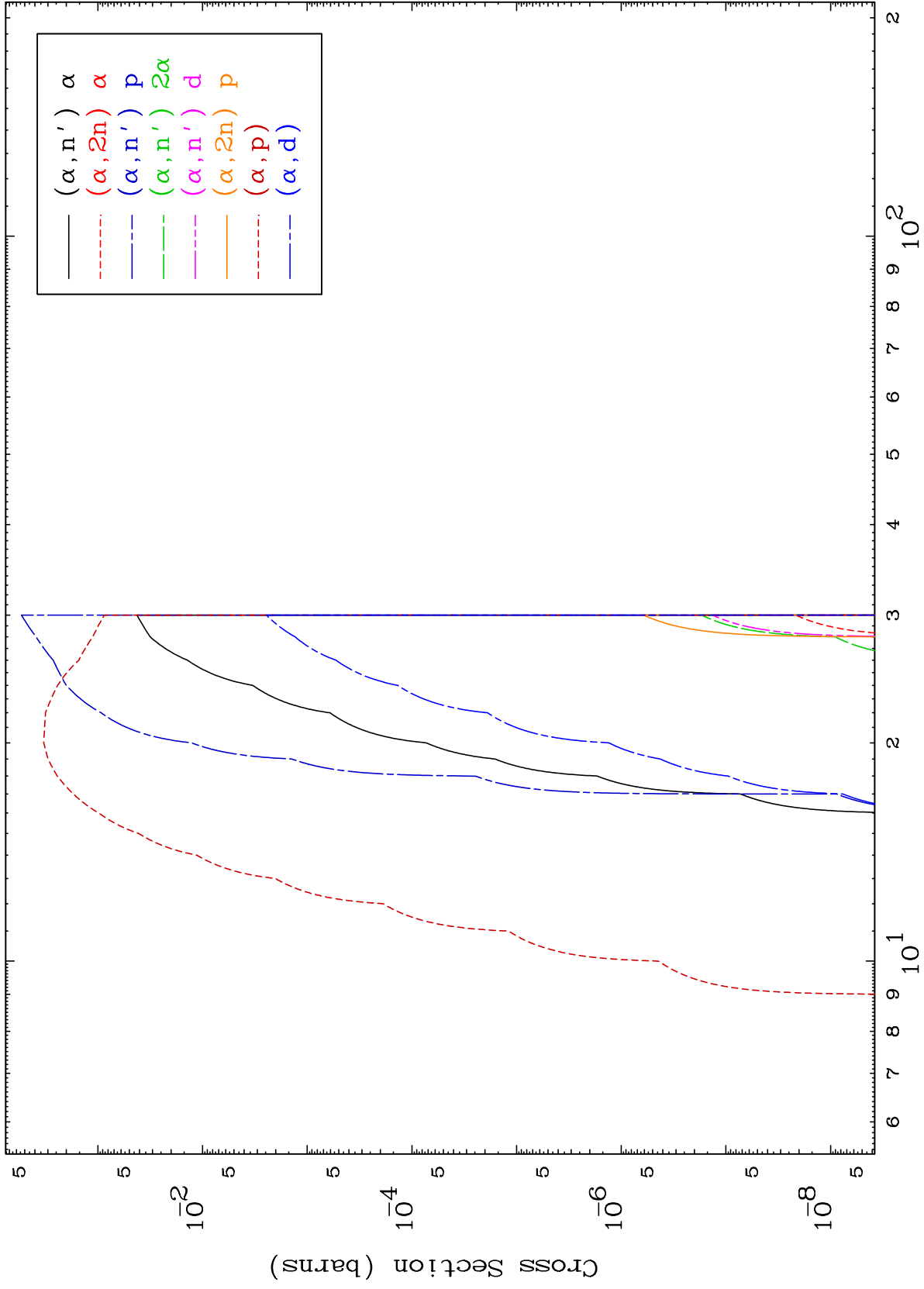
54-Xe-119



Incident Energy (MeV)

54-Xe-119

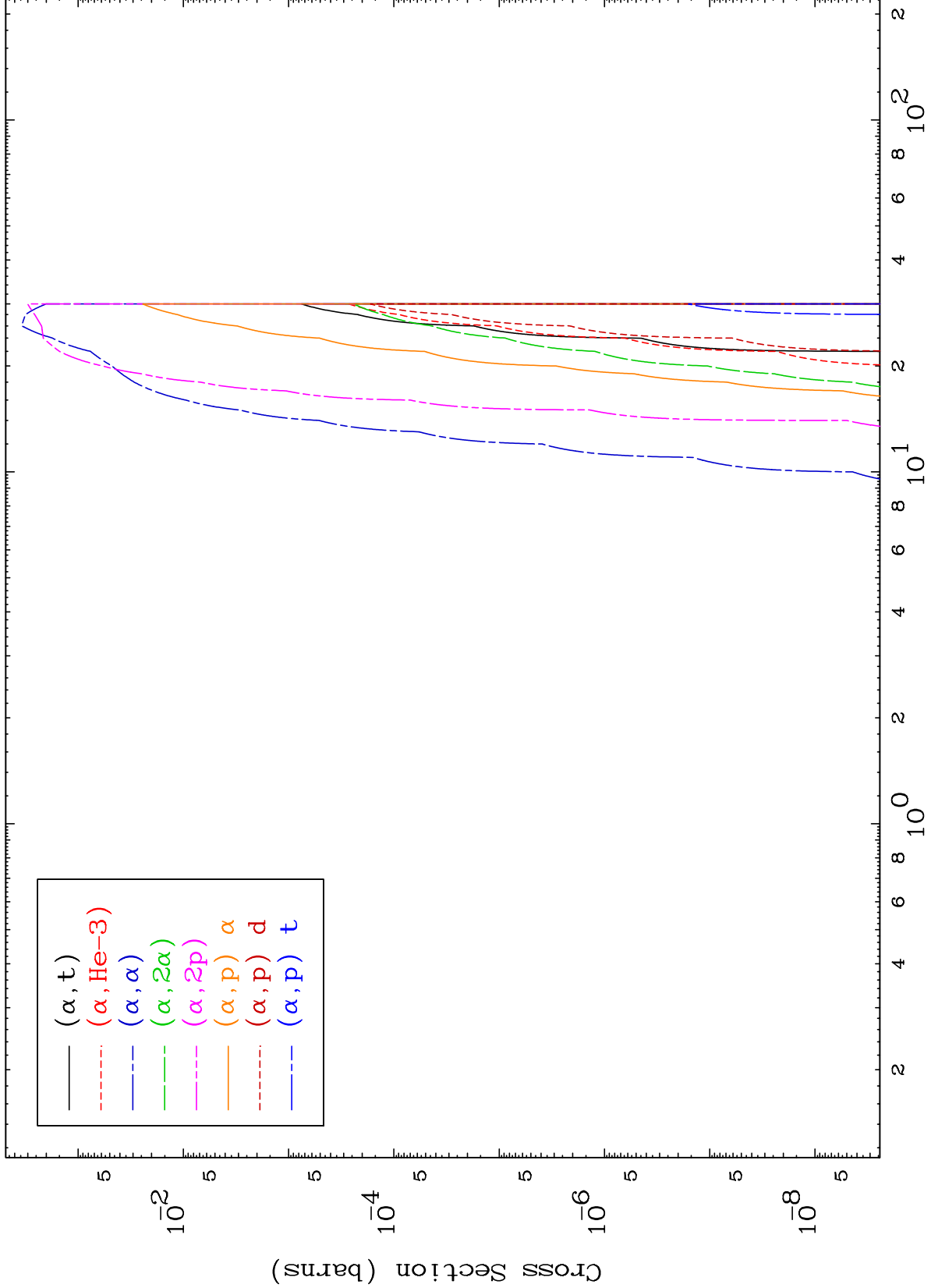
2



MAT 5410

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

54-Xe-119



Incident Energy (MeV)

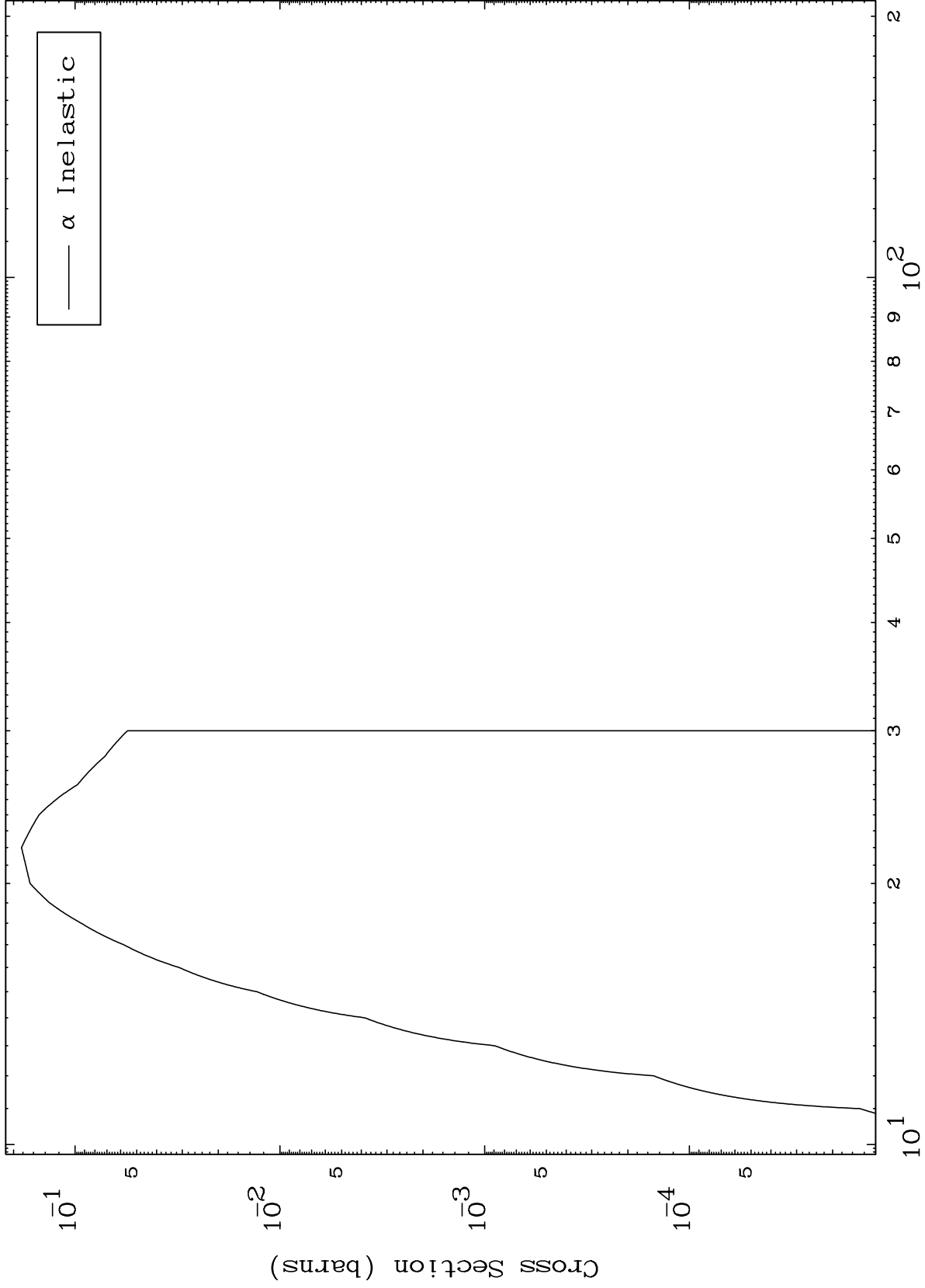
54-Xe-119

MAT 5410

( $\alpha, n'$ ) Level

54-Xe-119

0 Kelvin Cross Sections



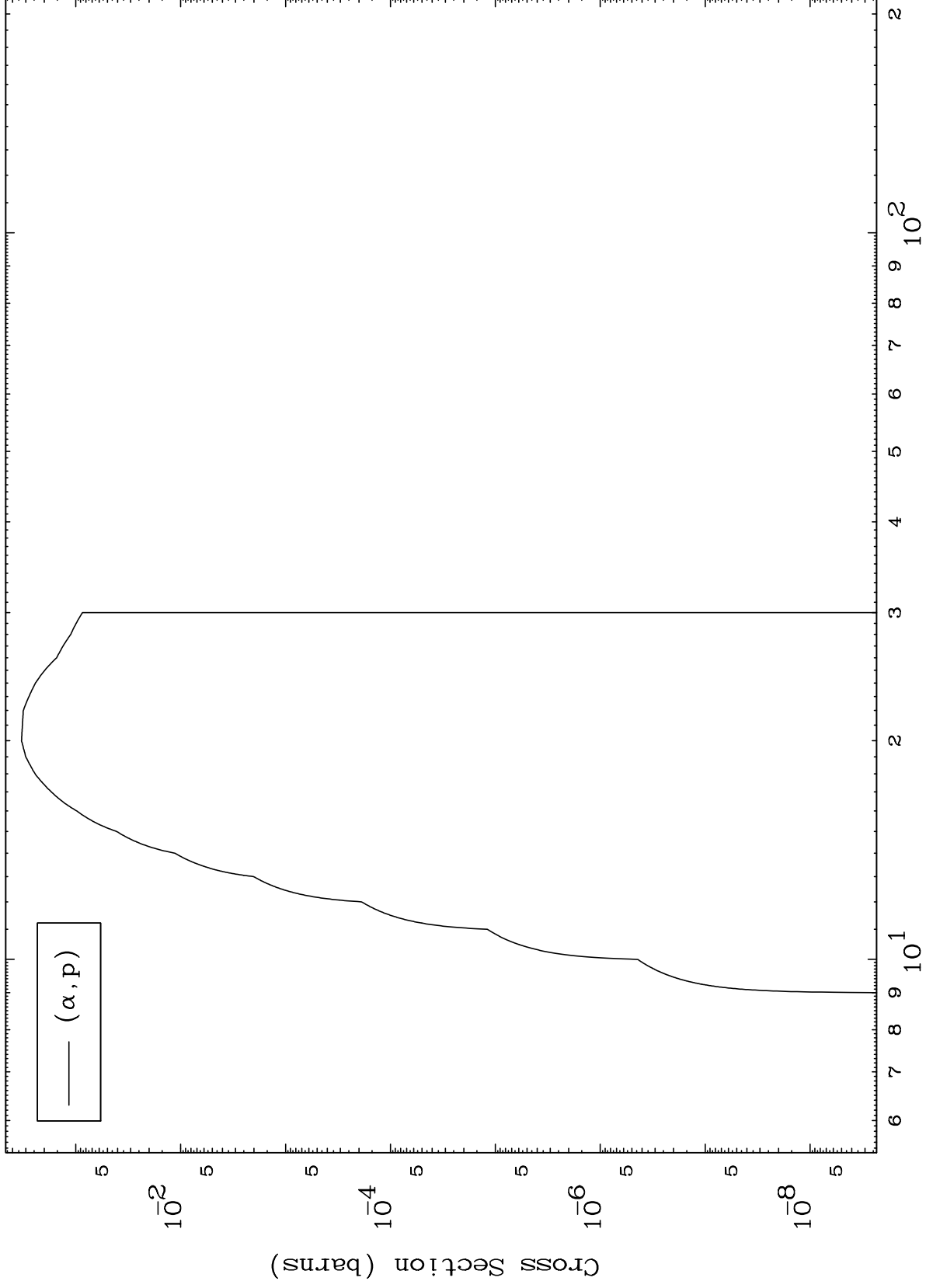
54-Xe-119

Incident Energy (MeV)

MAT 5410

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

54-Xe-119



6

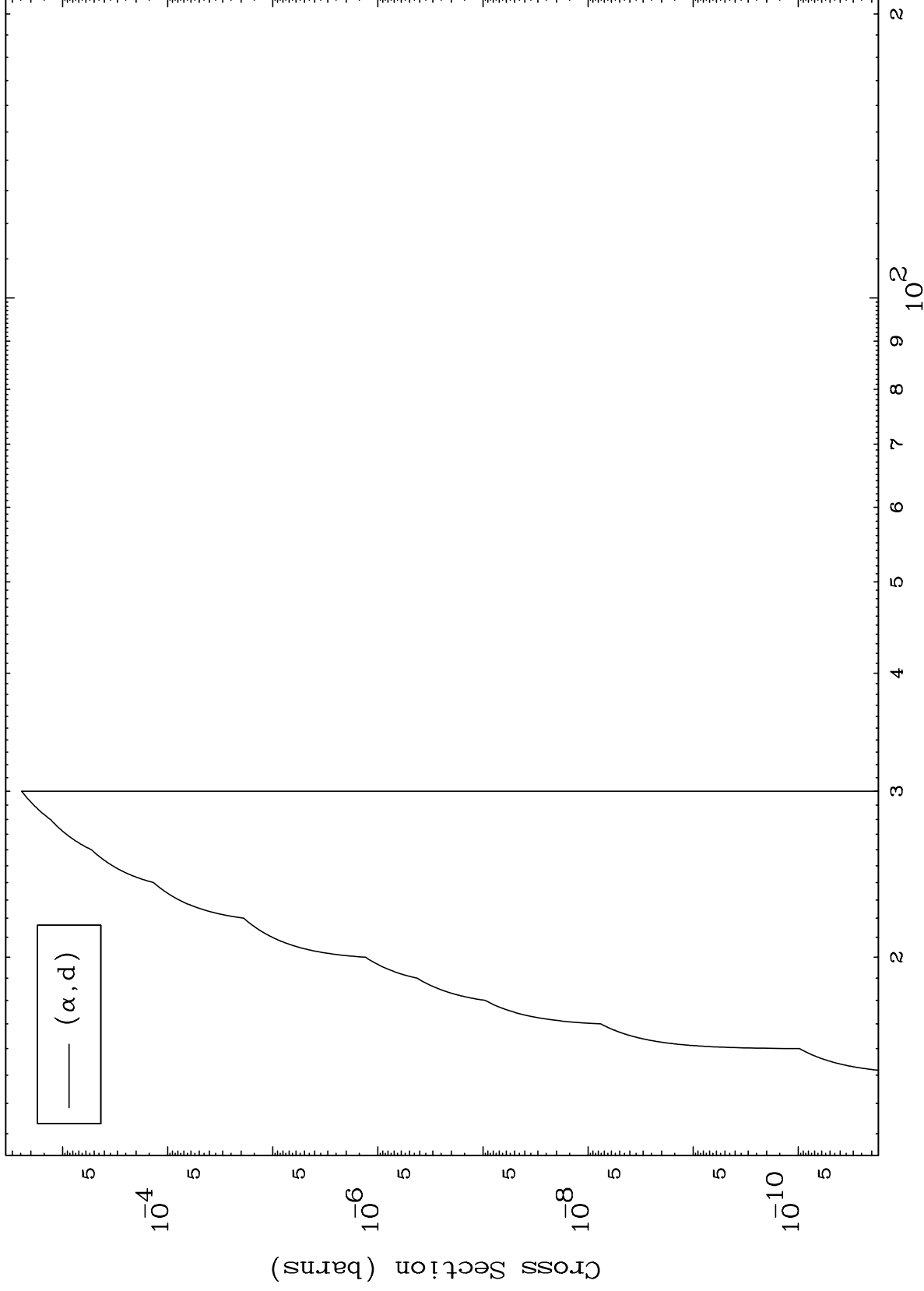
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



7

Incident Energy (MeV)

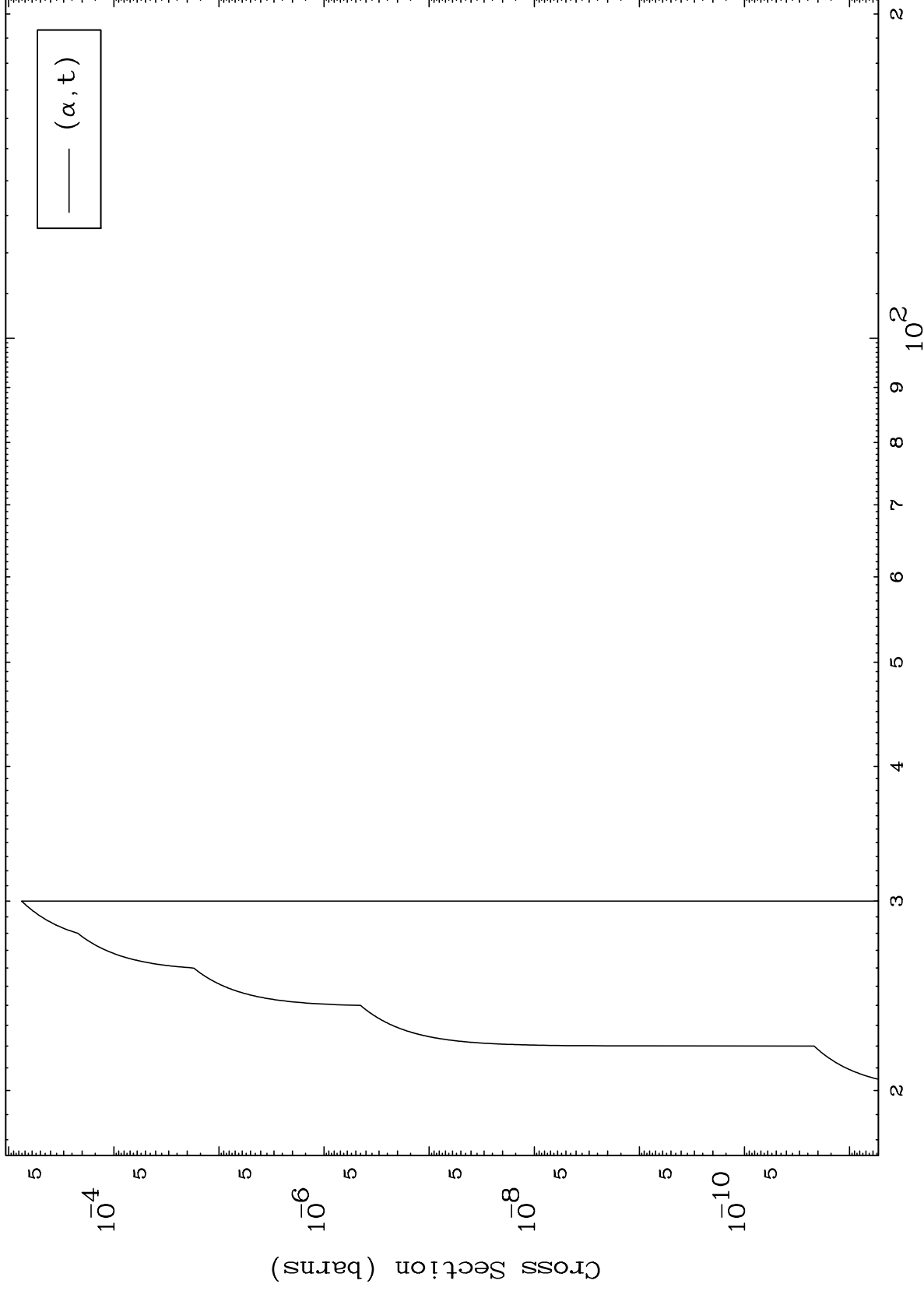
54-Xe-119



MAT 5410

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

54-Xe-119



8

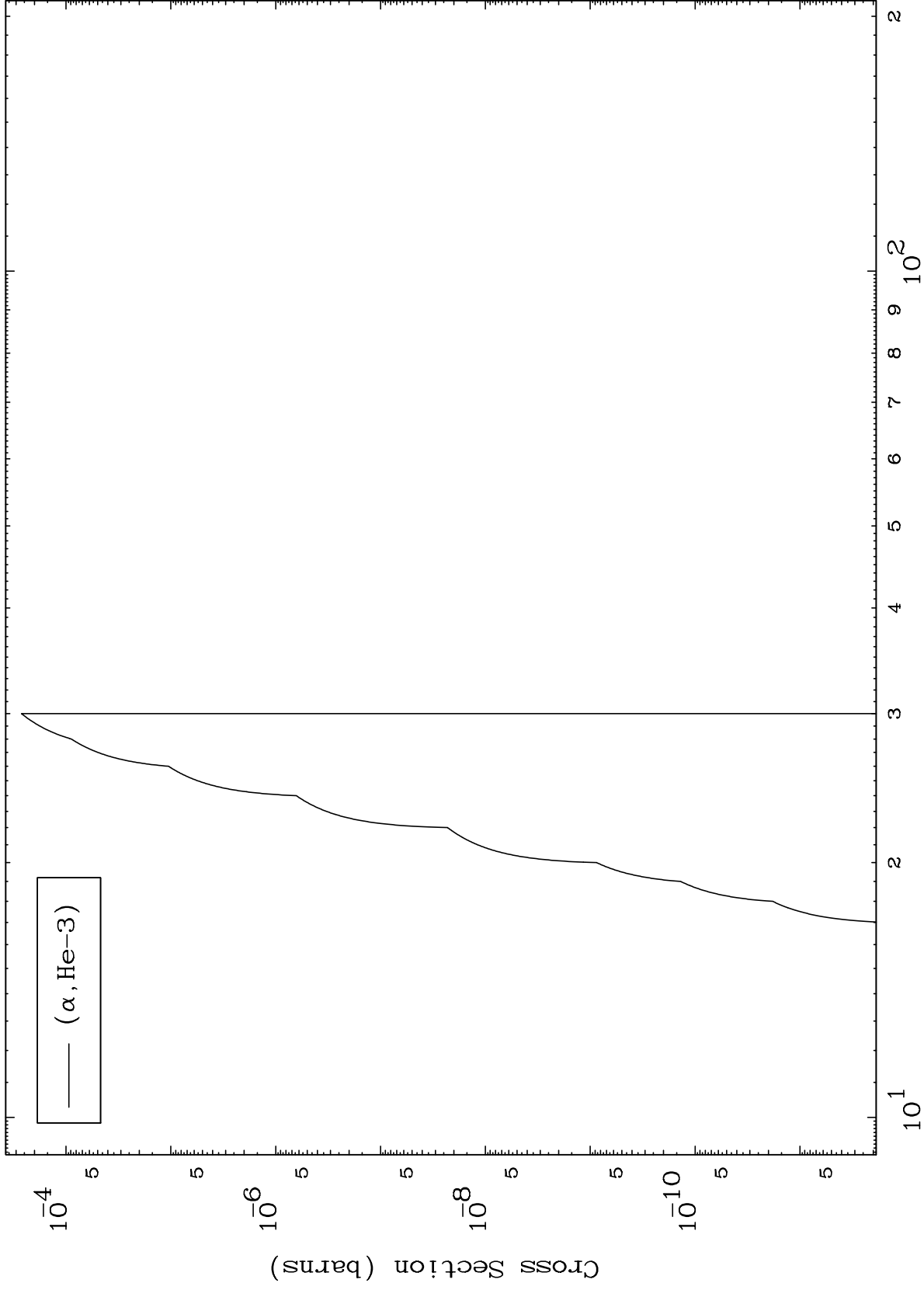
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



Incident Energy (MeV)

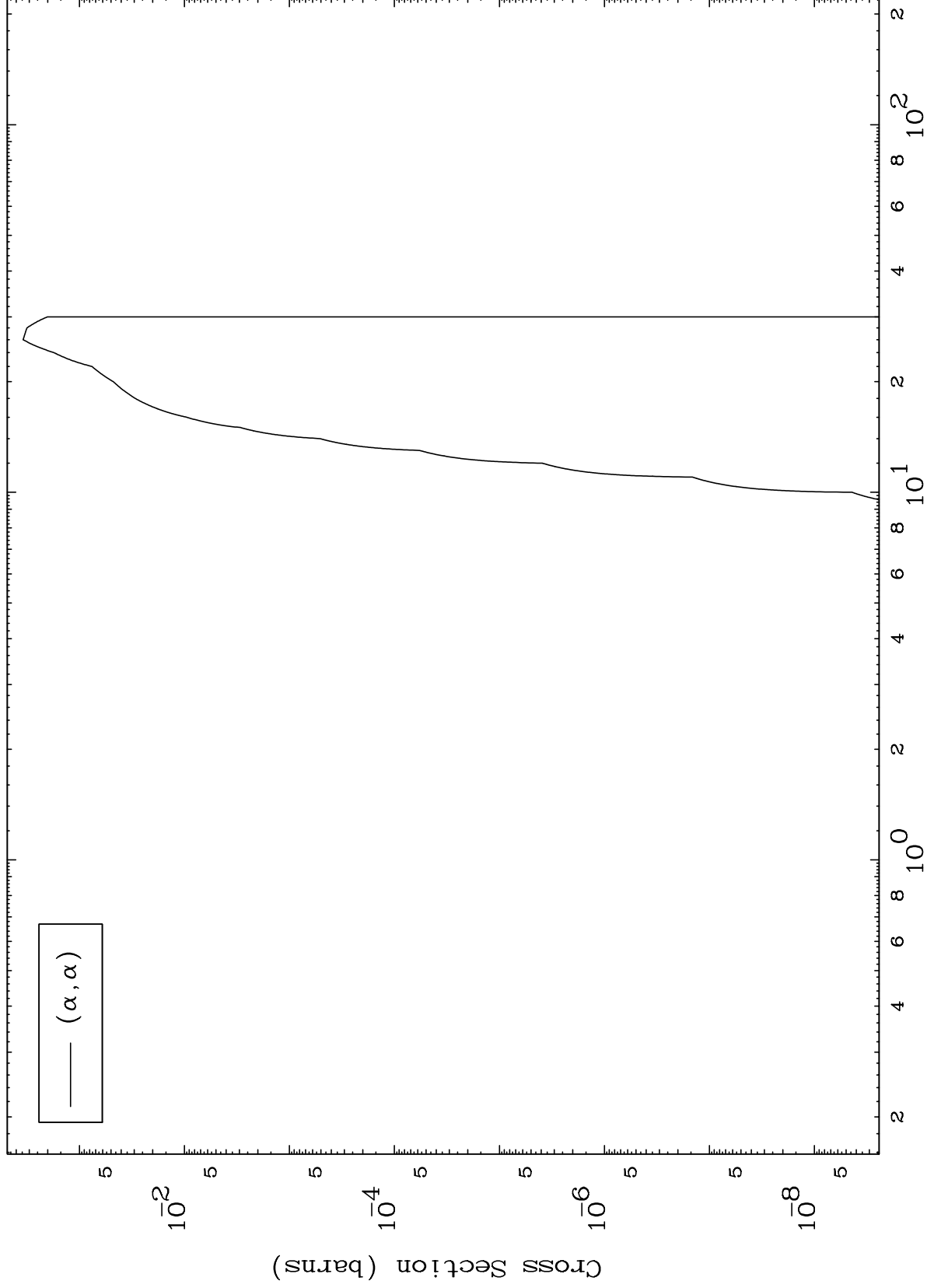
54-Xe-119

MAT 5410

( $\alpha, \alpha$ ) Levels

54-Xe-119

0 Kelvin Cross Sections

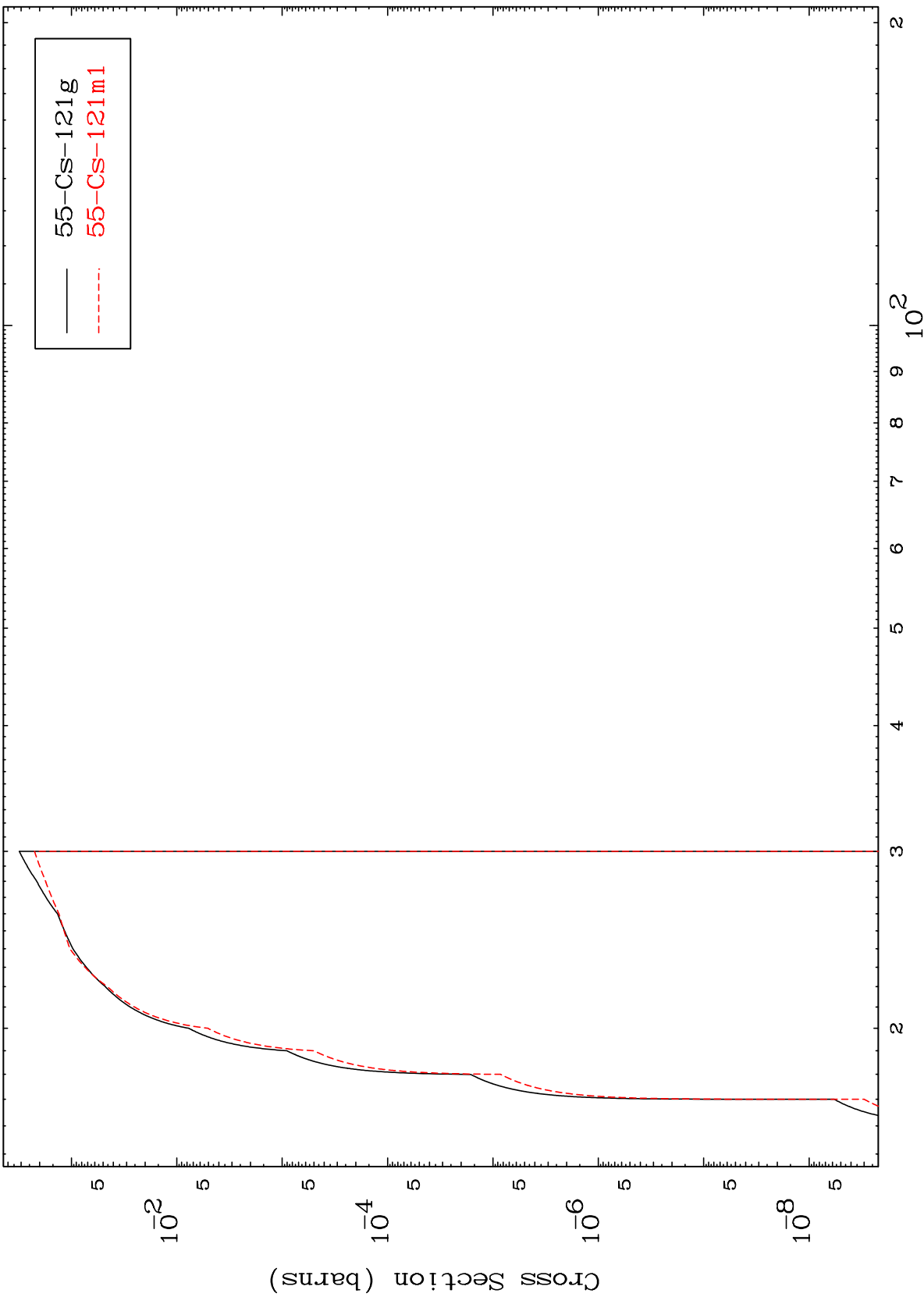


10

Incident Energy (MeV)

54-Xe-119

Radionuclide Production Cross Section

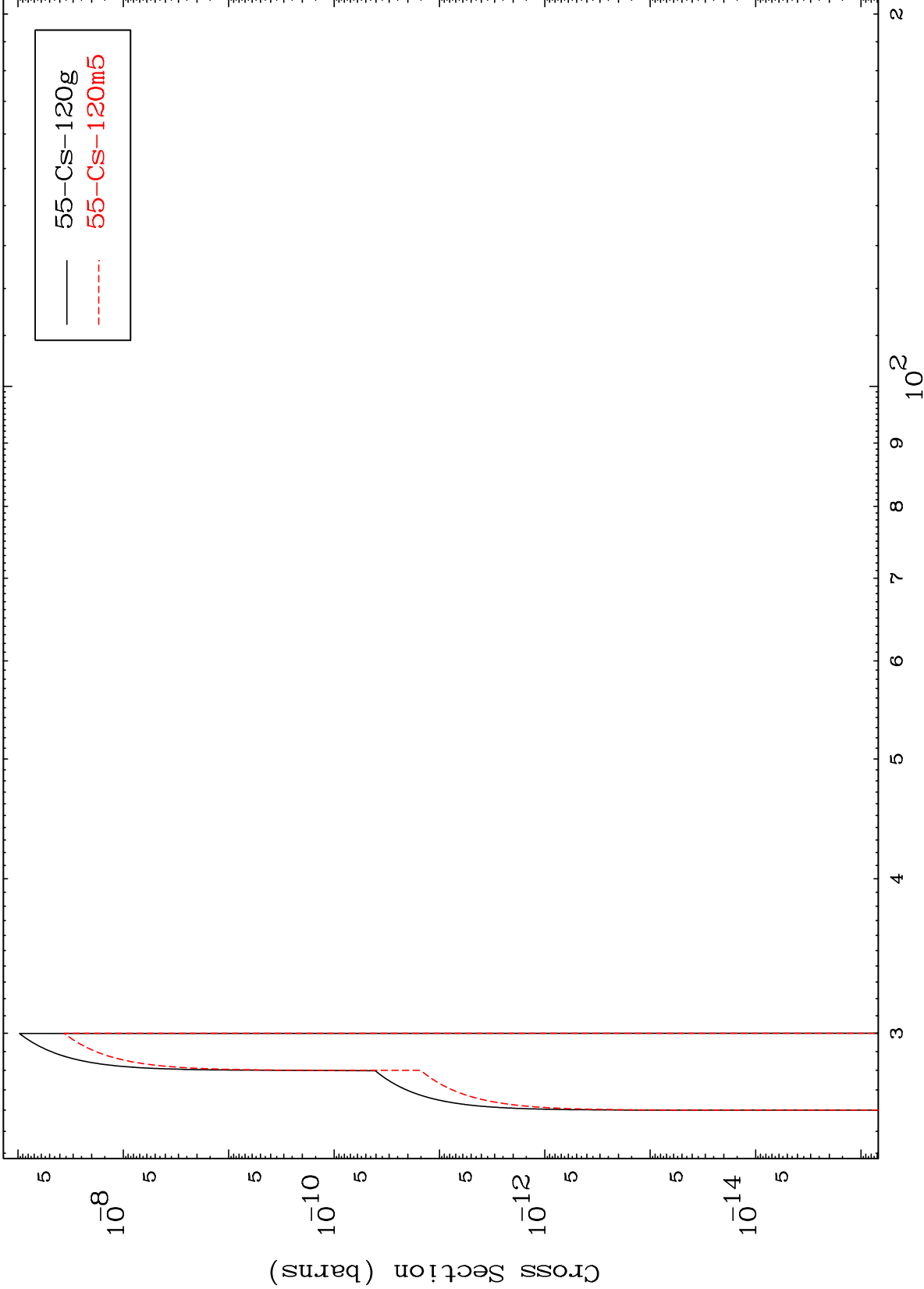


MAT 5410

$(\alpha, n')$  d

54-Xe-119

Radionuclide Production Cross Section



55-Cs-120g  
55-Cs-120m5

12

Incident Energy (MeV)

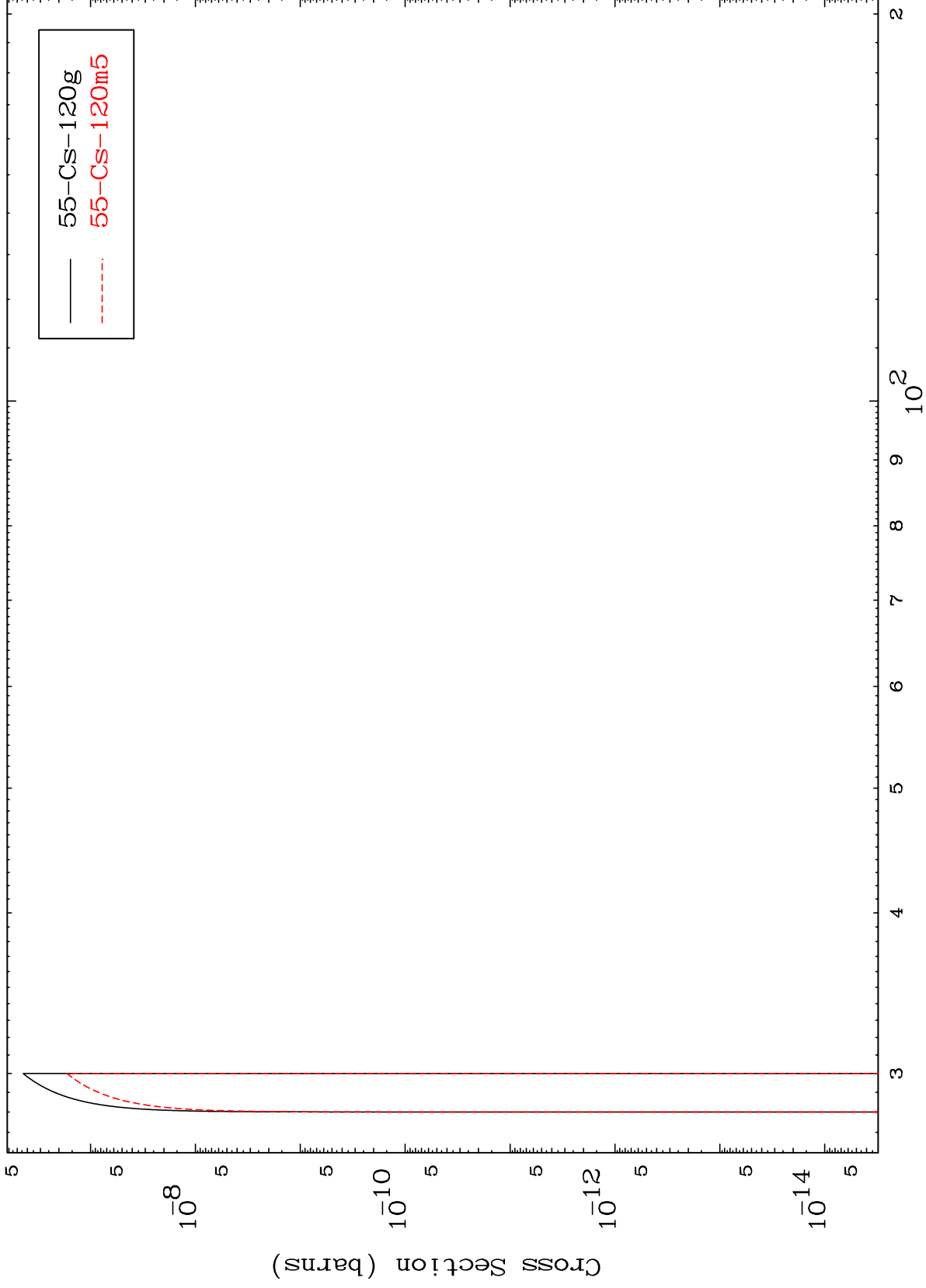
54-Xe-119

MAT 5410

$(\alpha, 2n)$  p

54-Xe-119

Radionuclide Production Cross Section



13

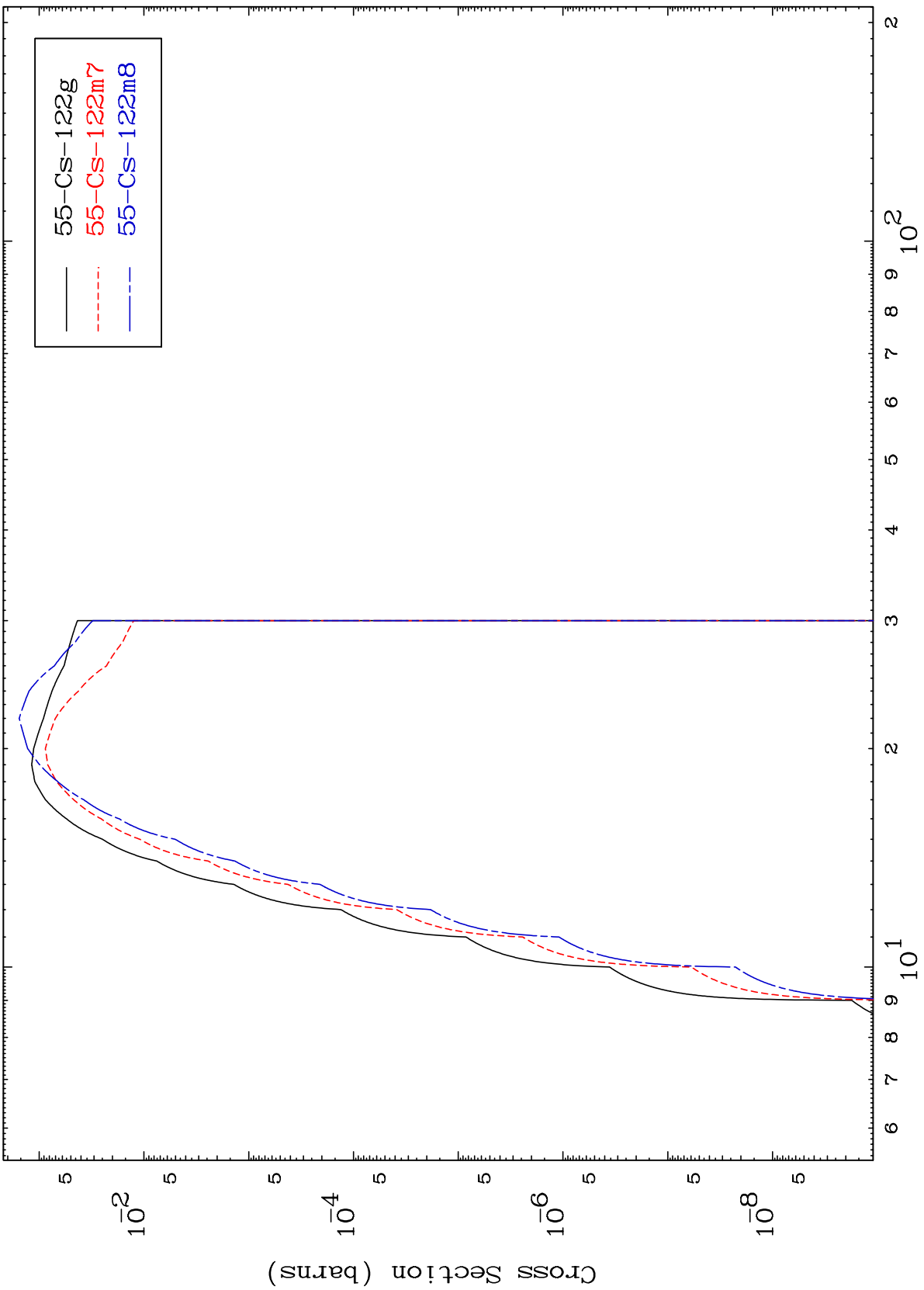
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

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



14

Incident Energy (MeV)

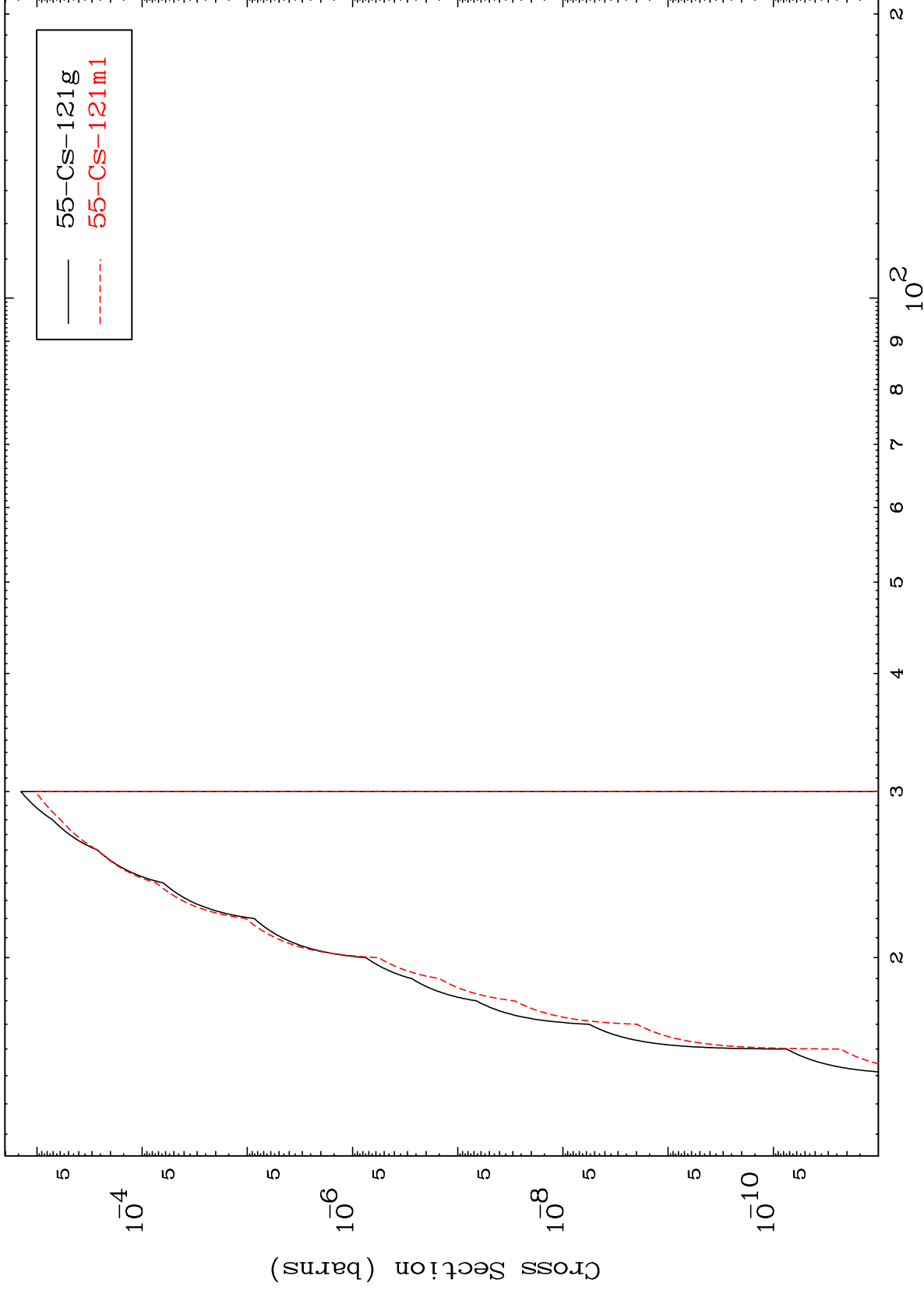
54-Xe-119

MAT 5410

( $\alpha, d$ )

54-Xe-119

Radionuclide Production Cross Section



15

Incident Energy (MeV)

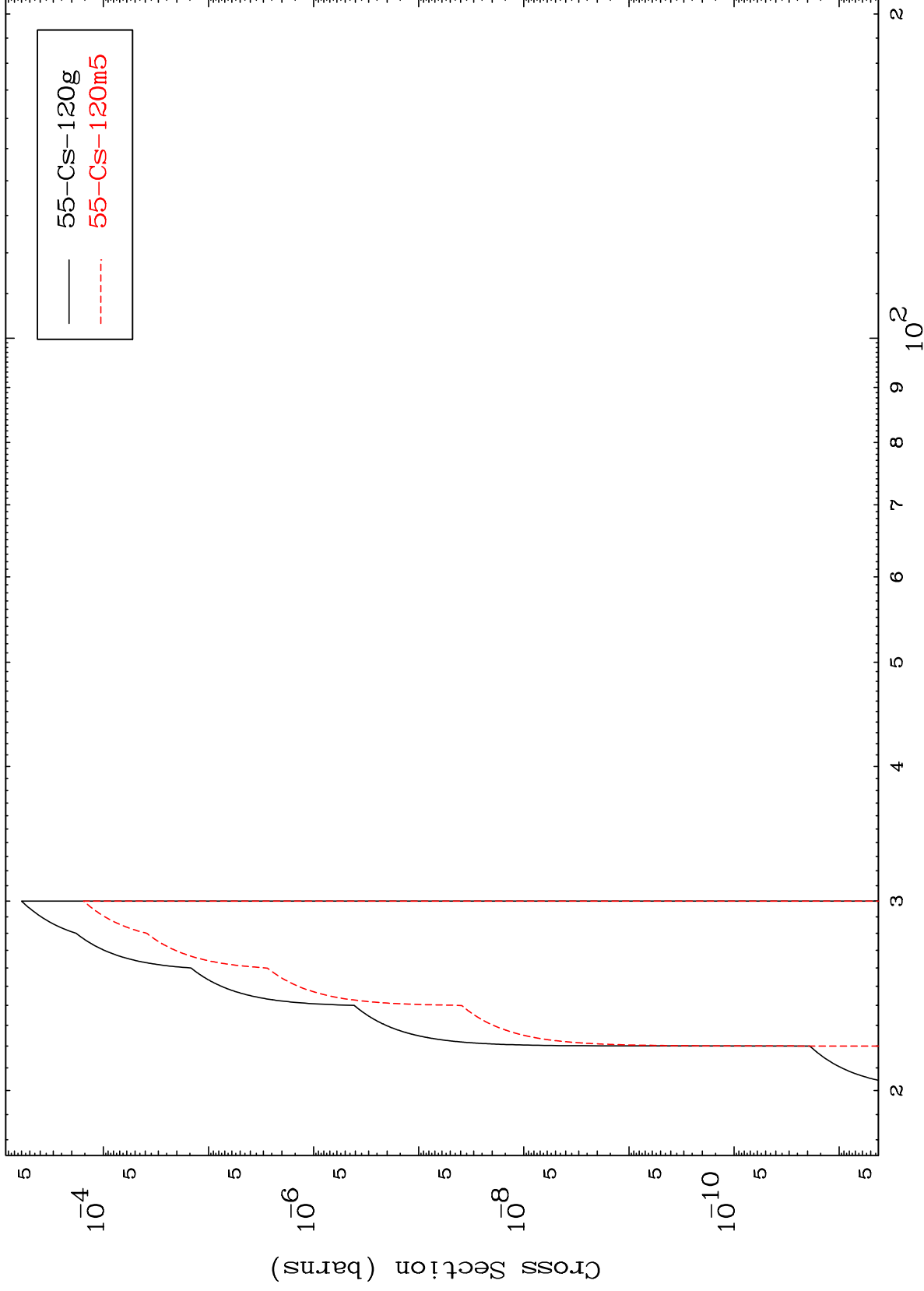
54-Xe-119



MAT 5410

54-Xe-119

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



16

54-Xe-119

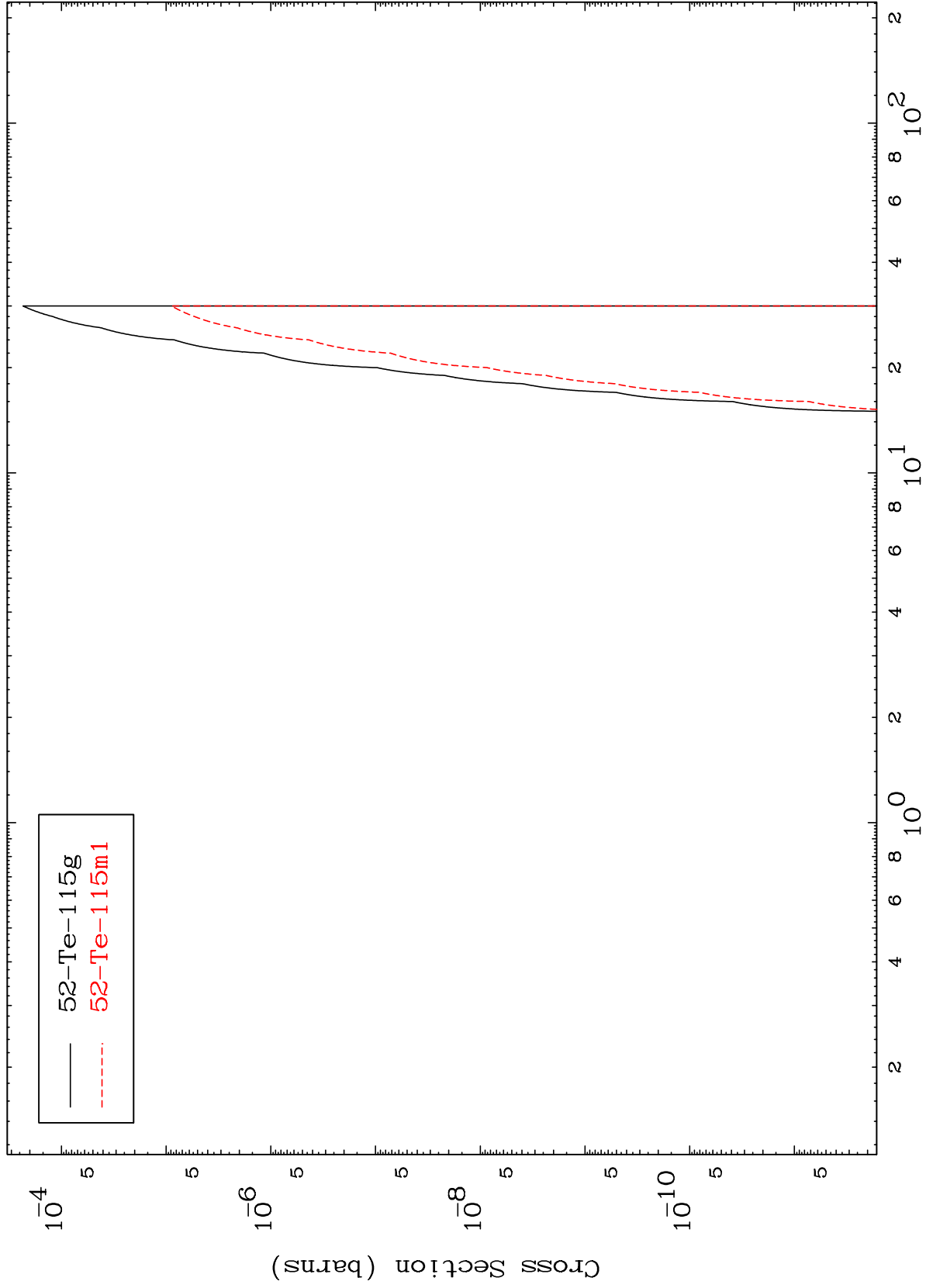
Incident Energy (MeV)

MAT 5410

( $\alpha, 2\alpha$ )

54-Xe-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

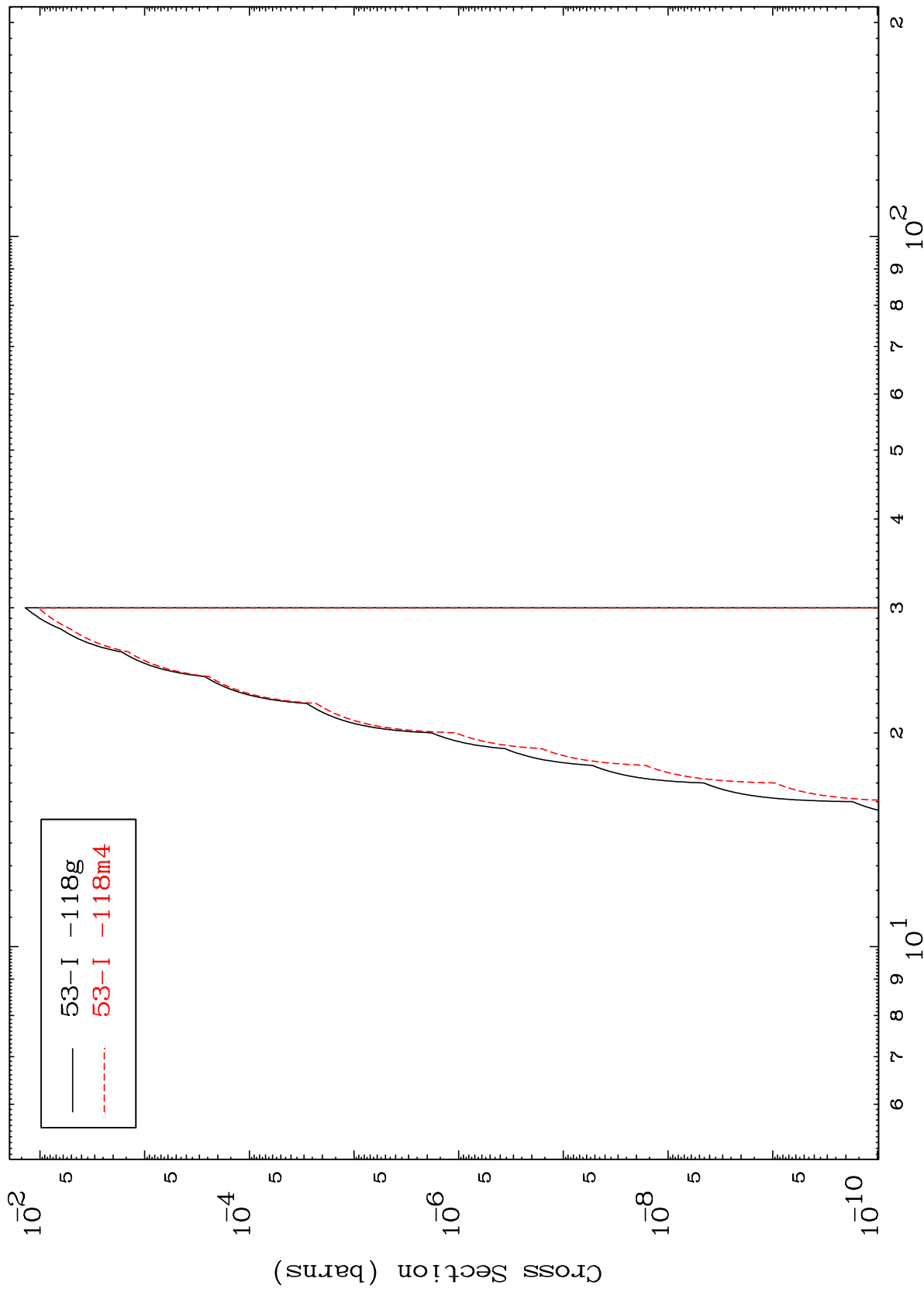
54-Xe-119

MAT 5410

( $\alpha, p$ )  $\alpha$

54-Xe-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-119