

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

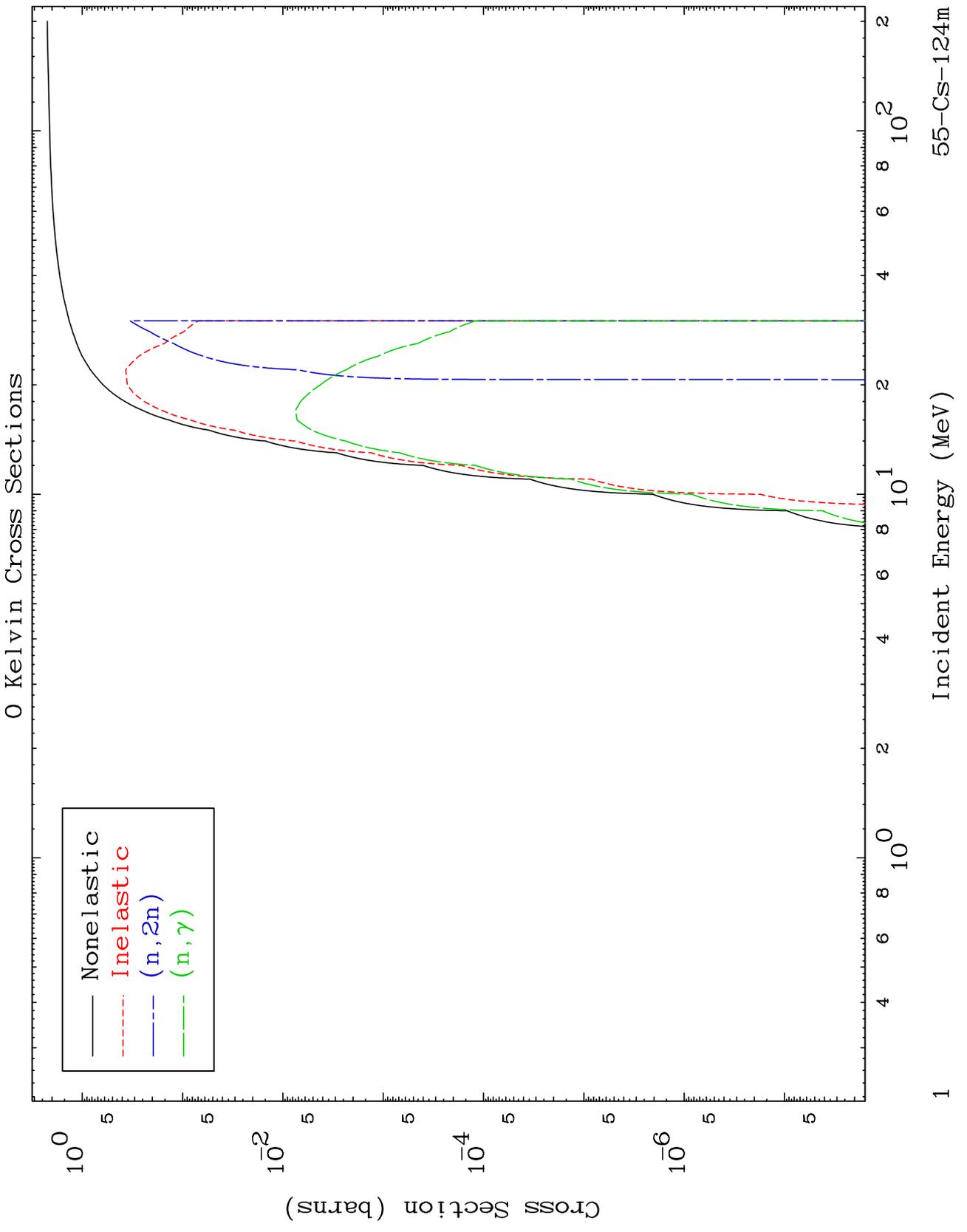
Press Mouse Button to Start

MAT 5499

0 Kelvin

$\alpha$  Major

55-Cs-124m

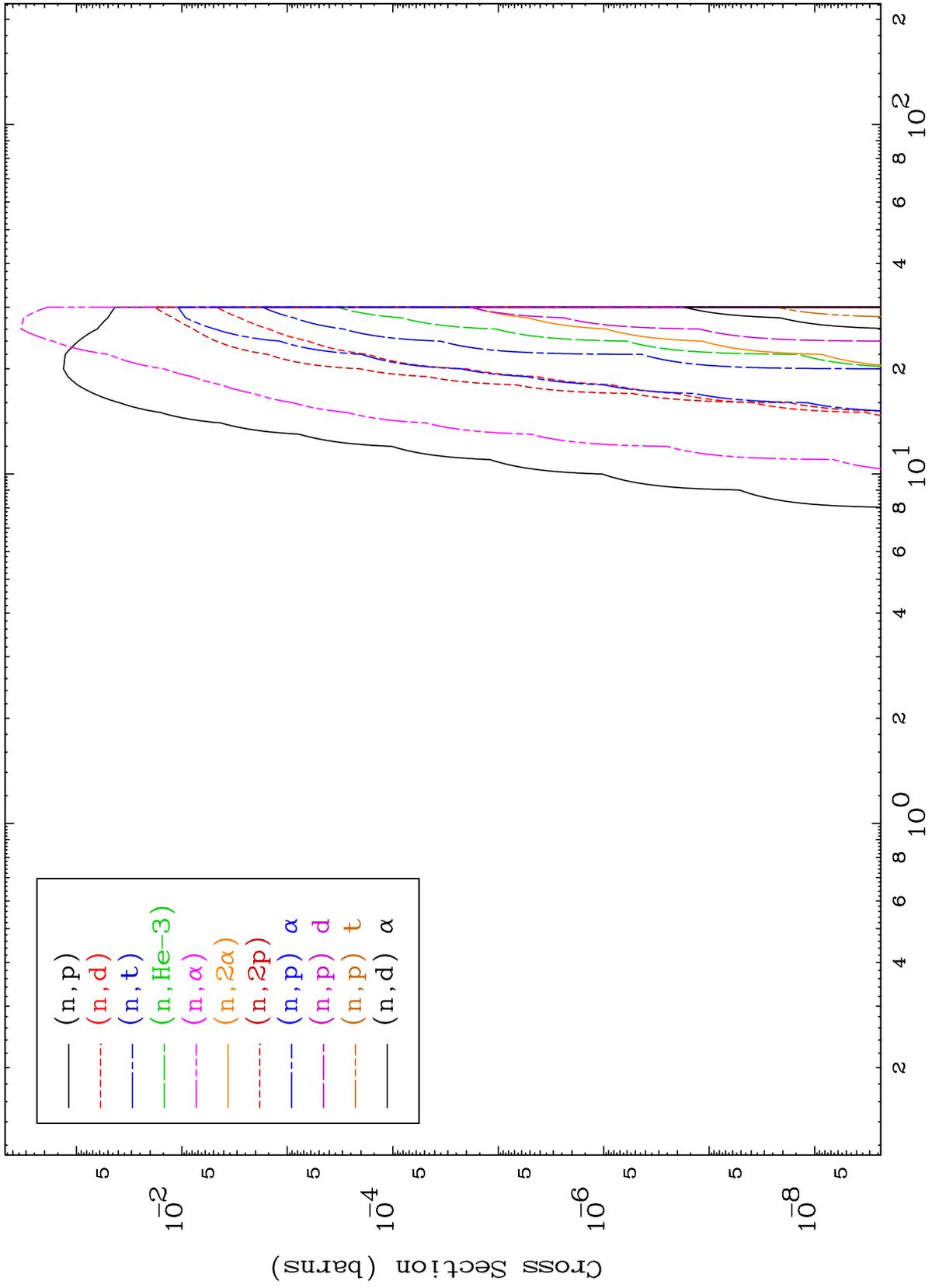


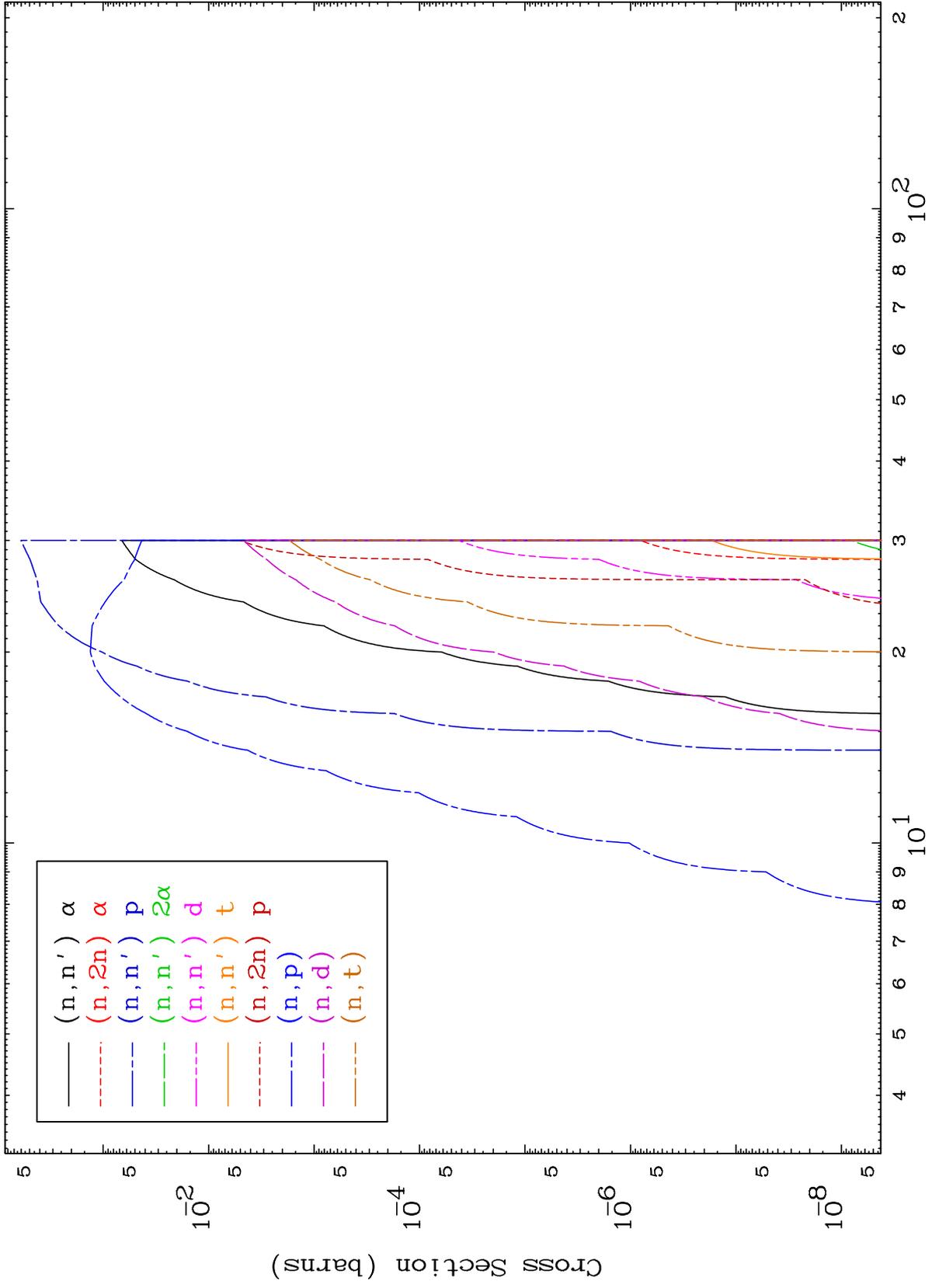


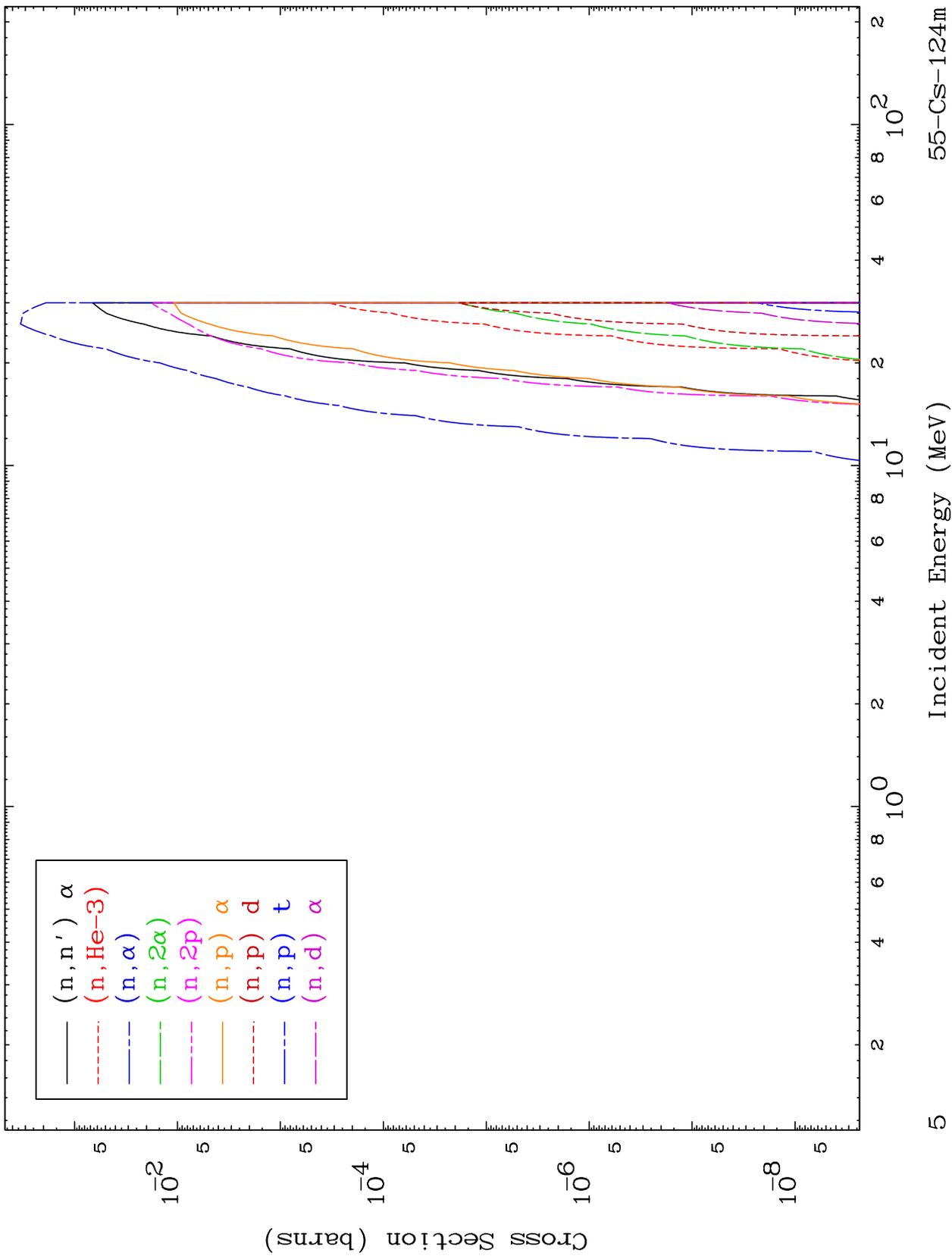
MAT 5499

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-124m





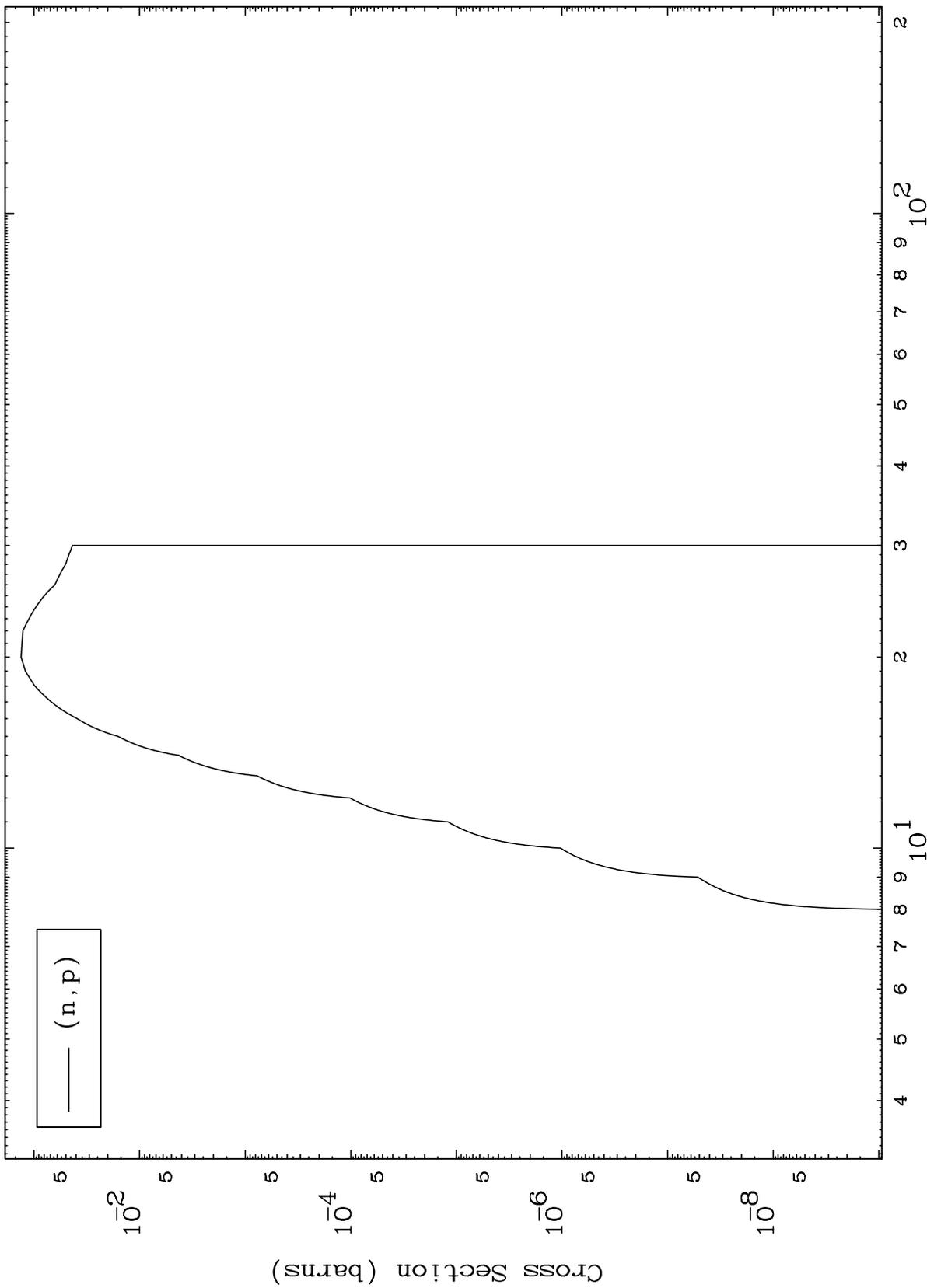


MAT 5499

( $\alpha, p$ ) Levels

55-Cs-124m

0 Kelvin Cross Sections



Incident Energy (MeV)

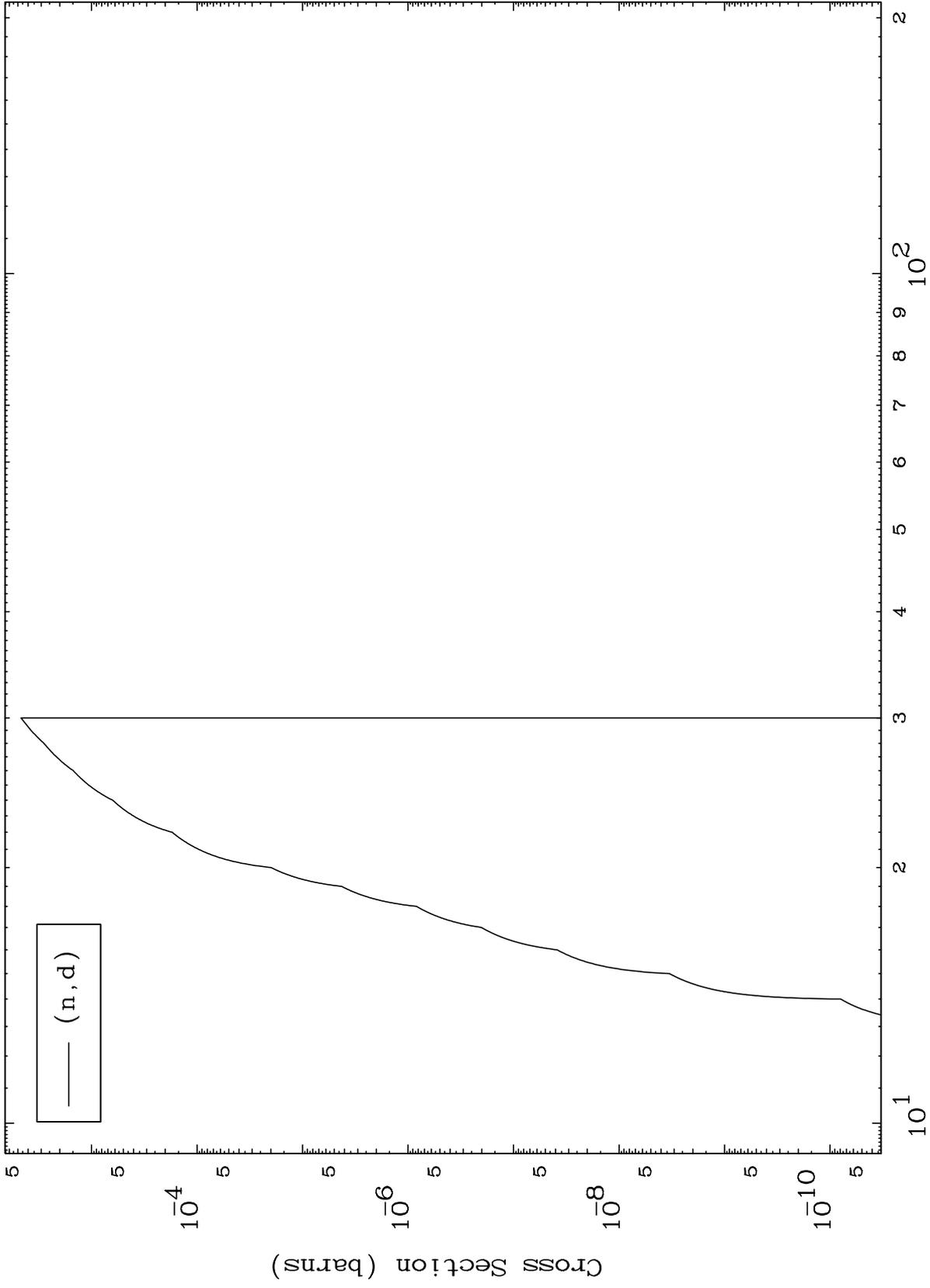
55-Cs-124m

6

MAT 5499

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

55-Cs-124m



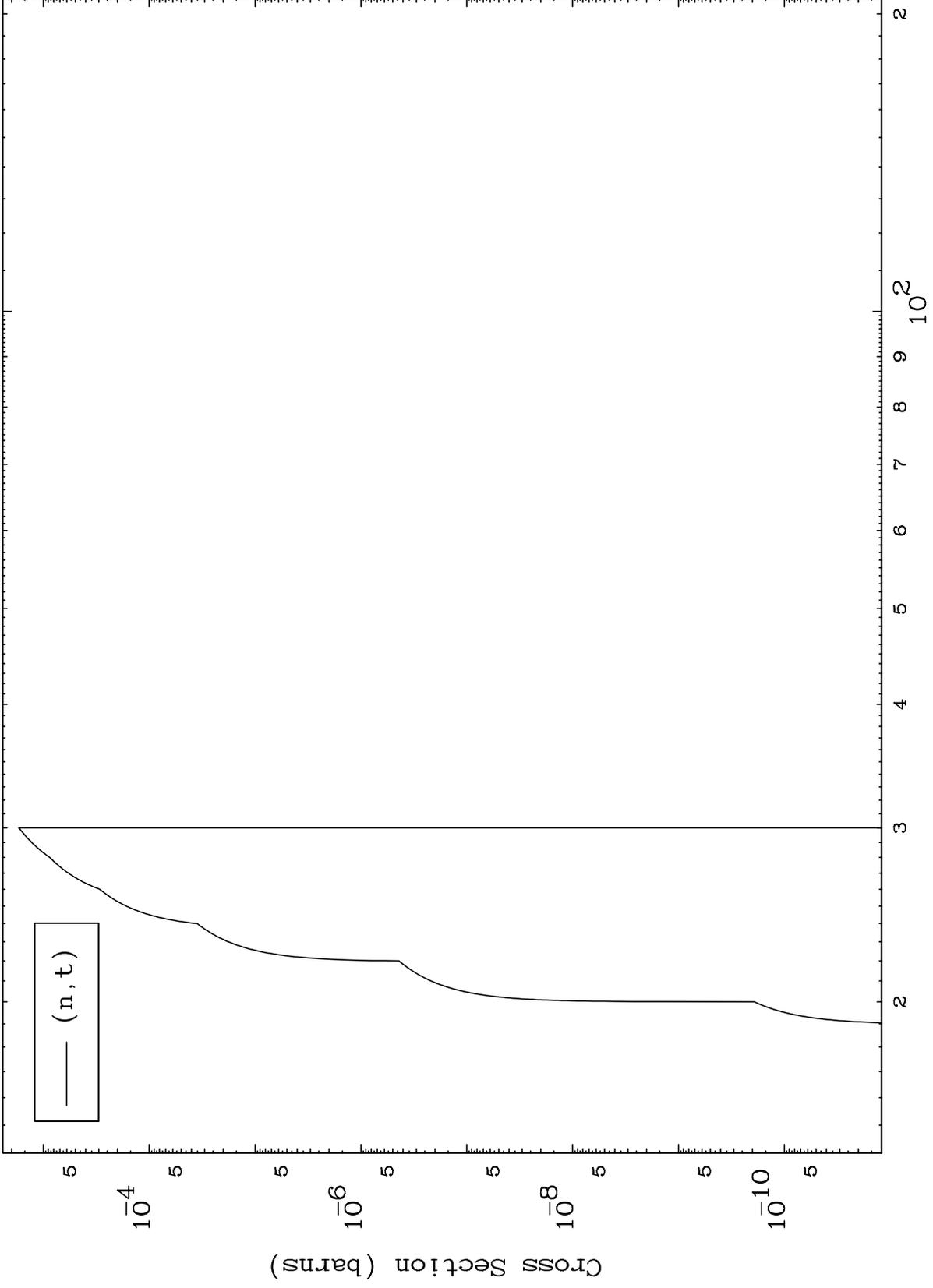
Incident Energy (MeV)

55-Cs-124m

MAT 5499

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

55-Cs-124m



8

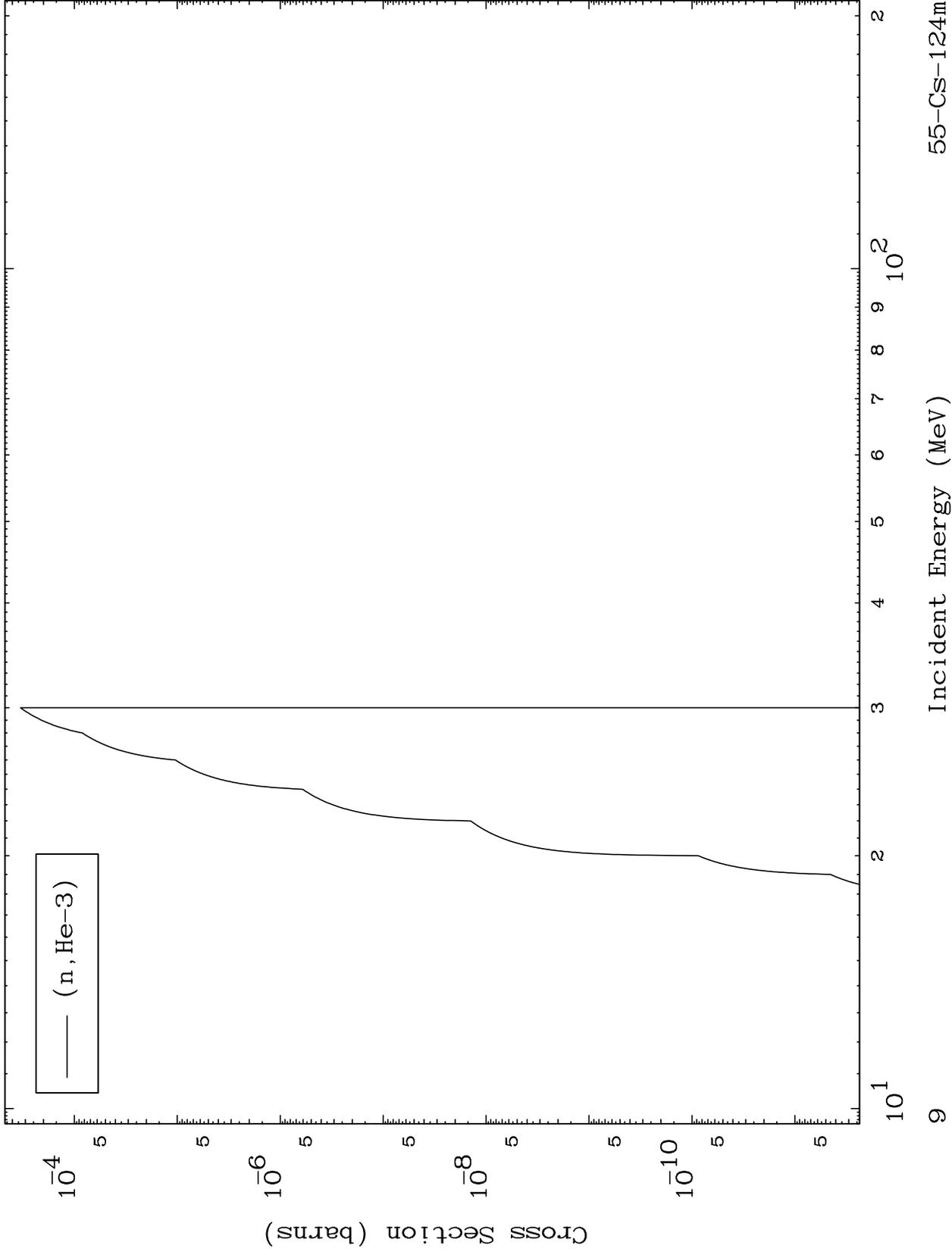
Incident Energy (MeV)

55-Cs-124m

MAT 5499

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

55-Cs-124m

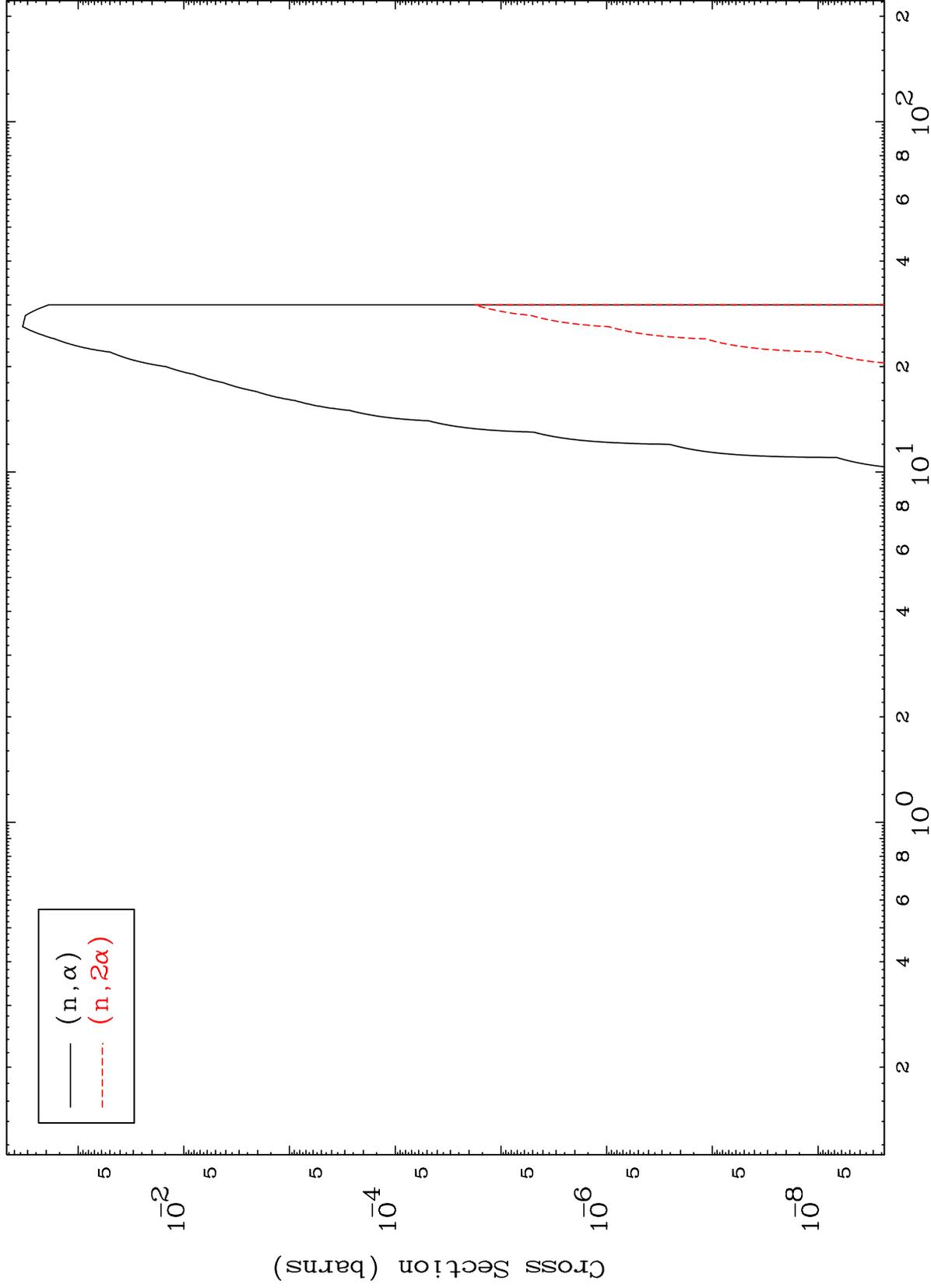


MAT 5499

( $\alpha, \alpha$ ) Levels

55-Cs-124m

0 Kelvin Cross Sections



10

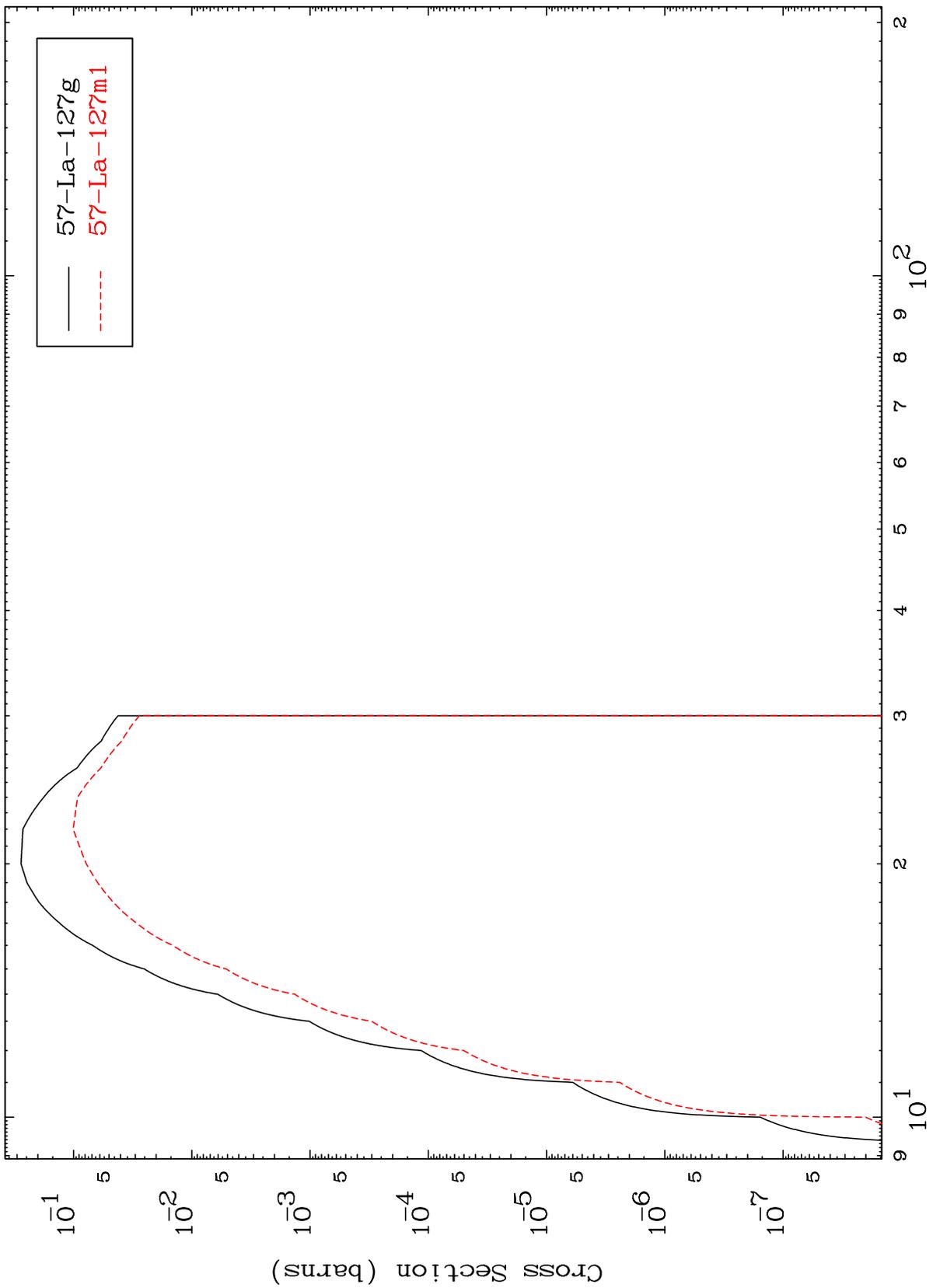
Incident Energy (MeV)

55-Cs-124m

MAT 5499

55-Cs-124m

Inelastic  
Radionuclide Production Cross Section



55-Cs-124m

Incident Energy (MeV)

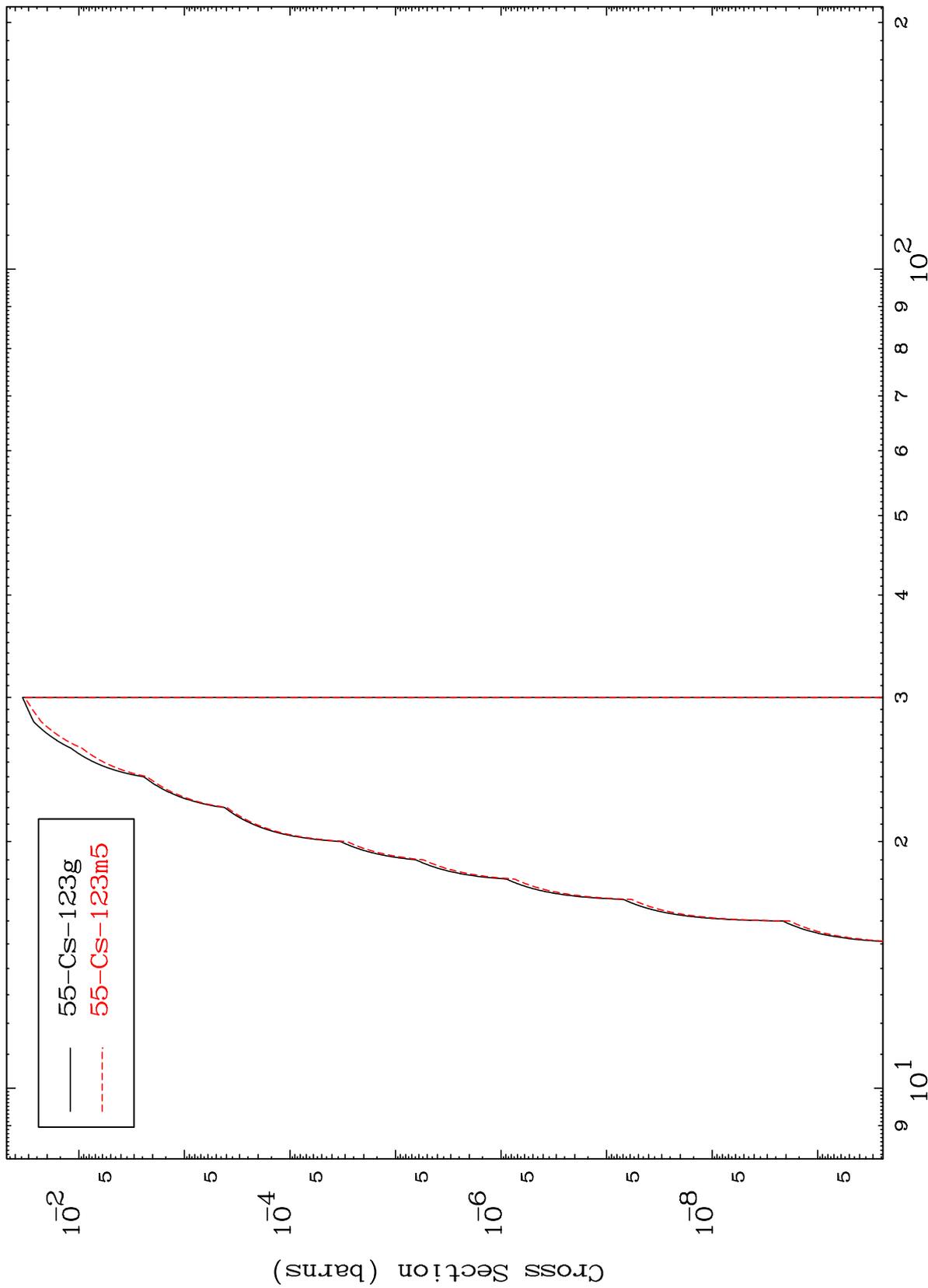
11

MAT 5499

(n,n')  $\alpha$

55-Cs-124m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

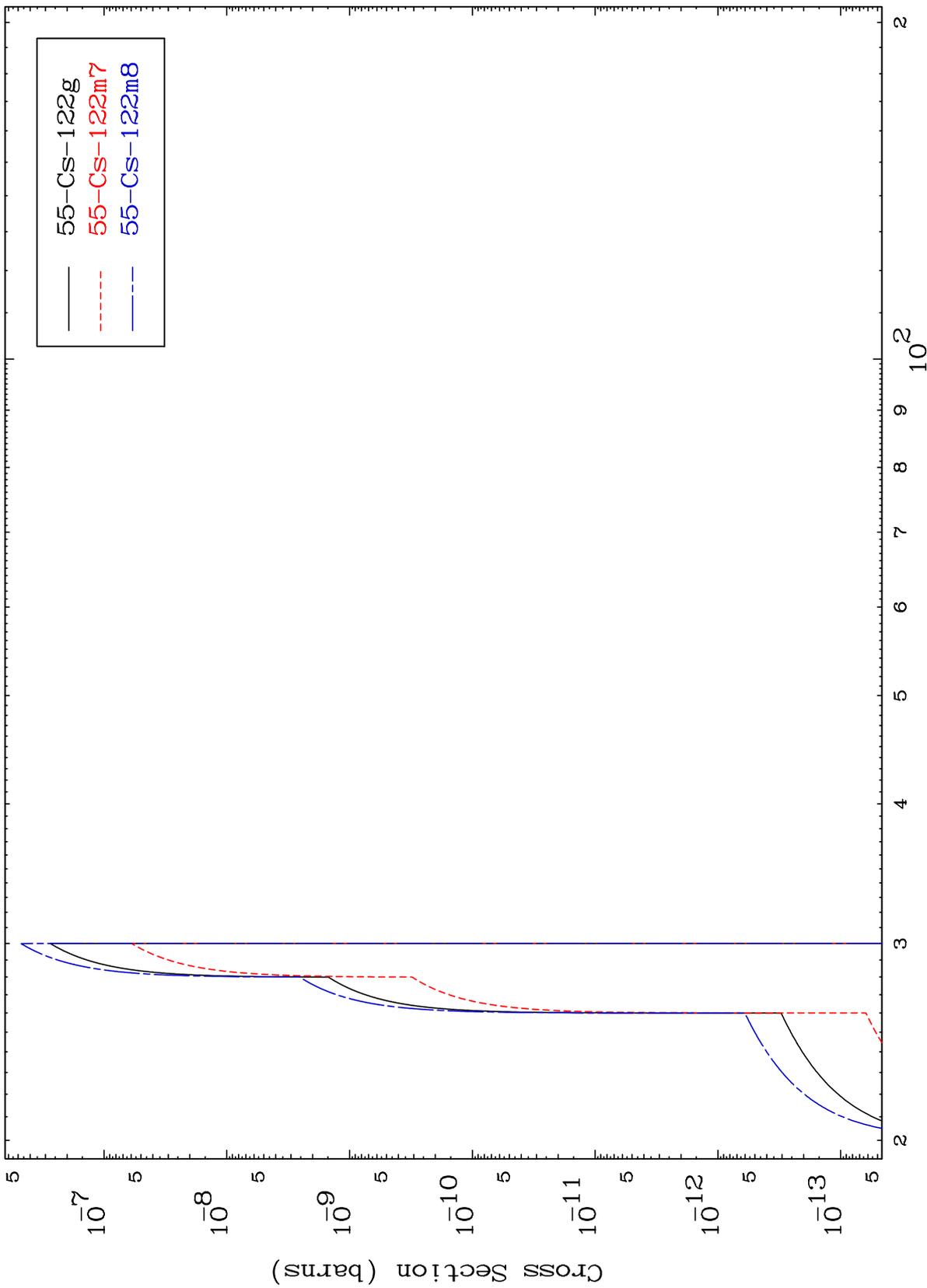
55-Cs-124m

MAT 5499

(n,2n)  $\alpha$

55-Cs-124m

Radionuclide Production Cross Section



13

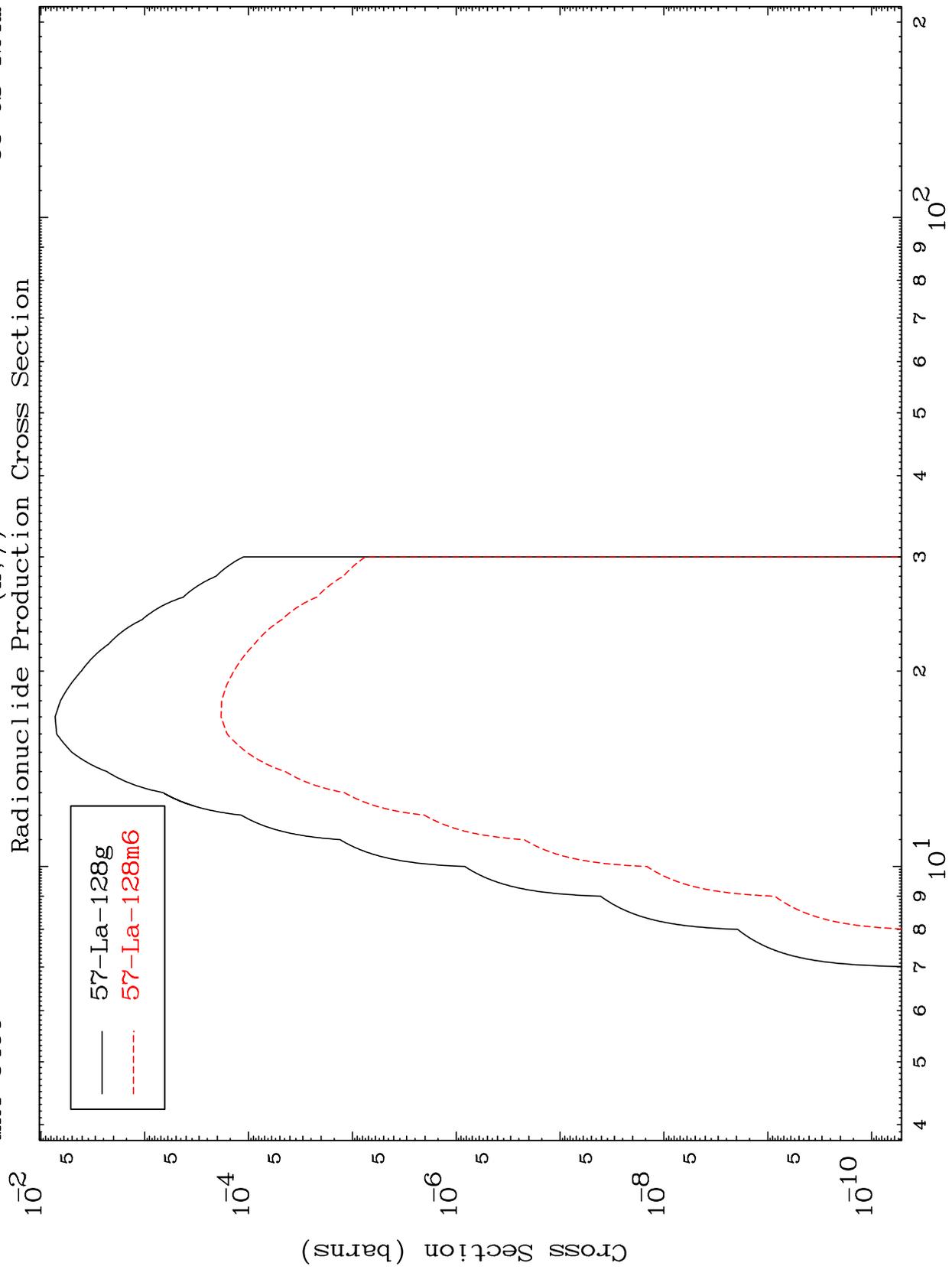
Incident Energy (MeV)

55-Cs-124m

MAT 5499

55-Cs-124m

(n,γ)  
Radionuclide Production Cross Section



Incident Energy (MeV)

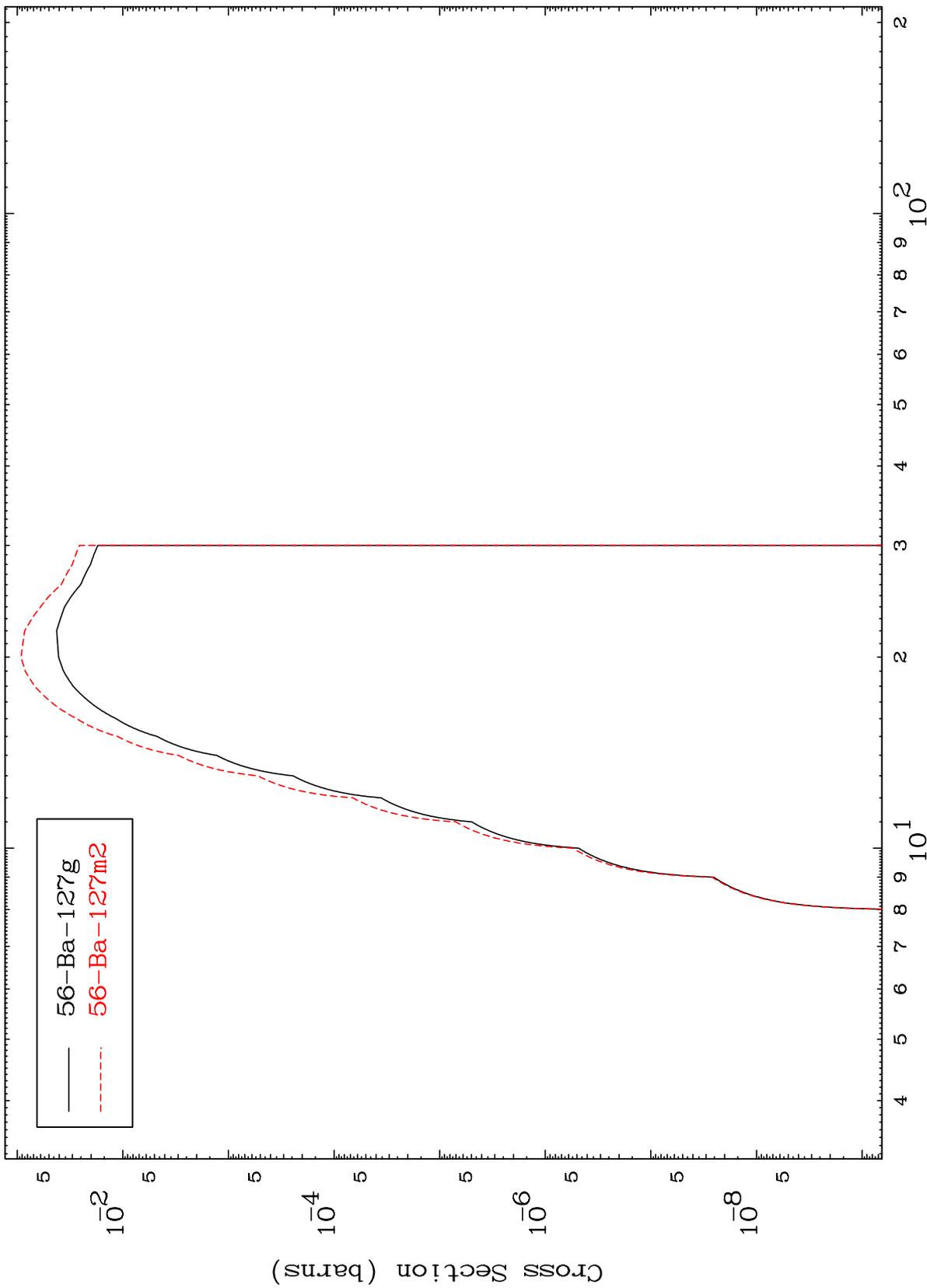
55-Cs-124m

14

MAT 5499

55-Cs-124m

(n,p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-124m

MAT 5499

(n,2α)

55-Cs-124m

Radionuclide Production Cross Section

