

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

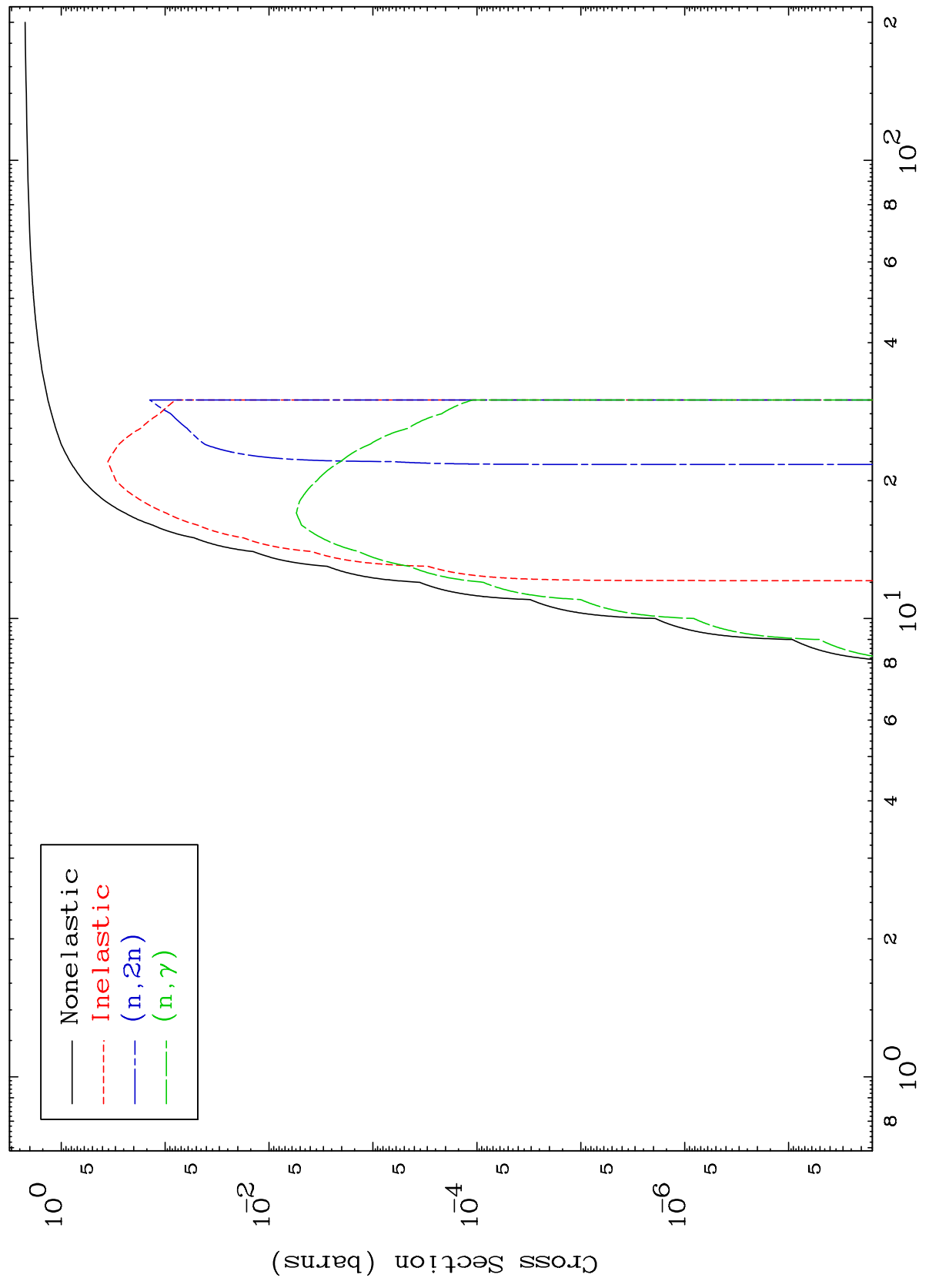
Press Mouse Button to Start

MAT 5495

0 Kelvin

$\alpha$  Major

55-Cs-123



1

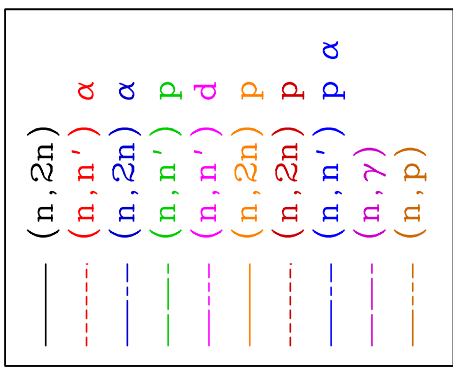
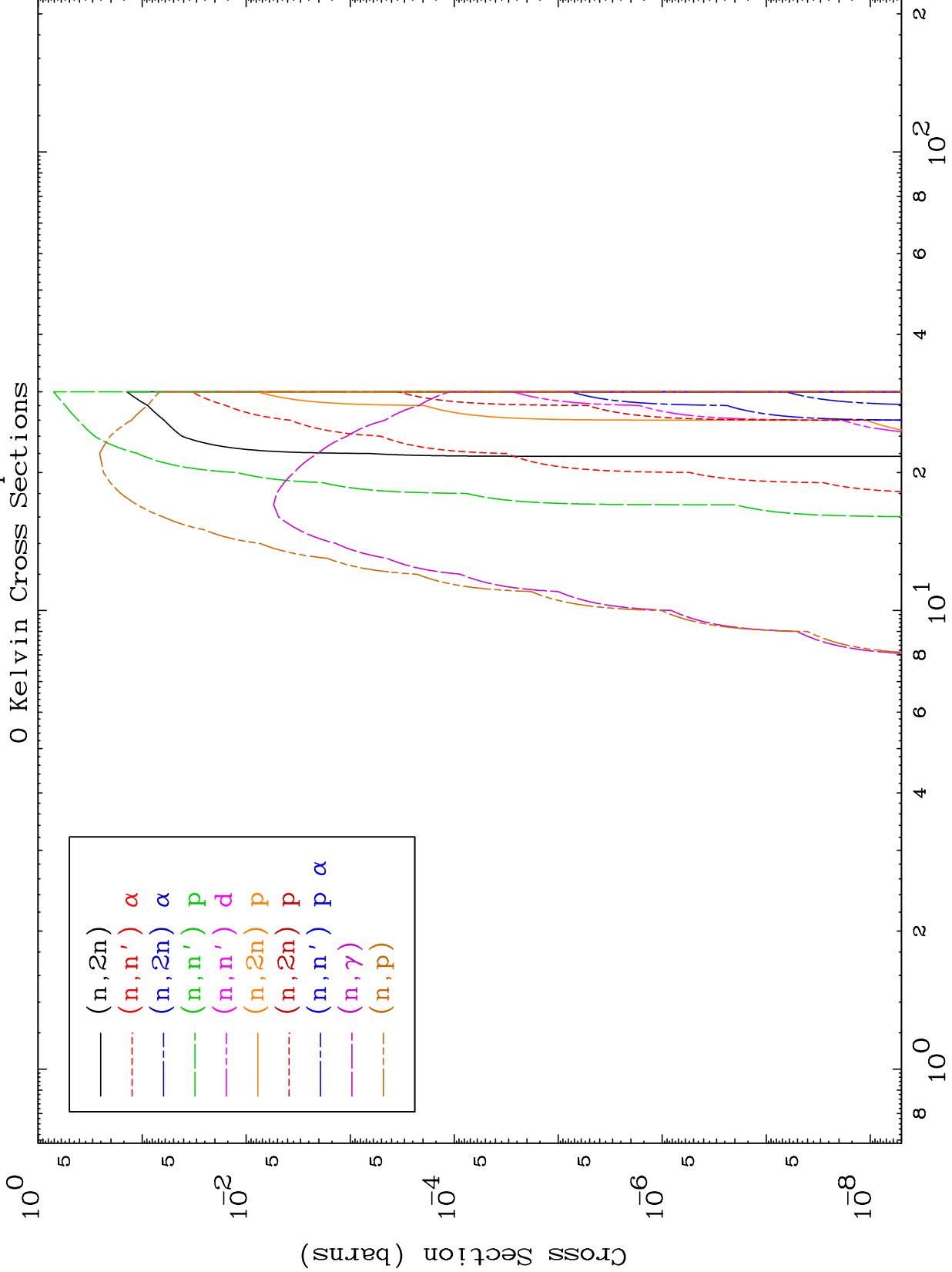
Incident Energy (MeV)

55-Cs-123

MAT 5495

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

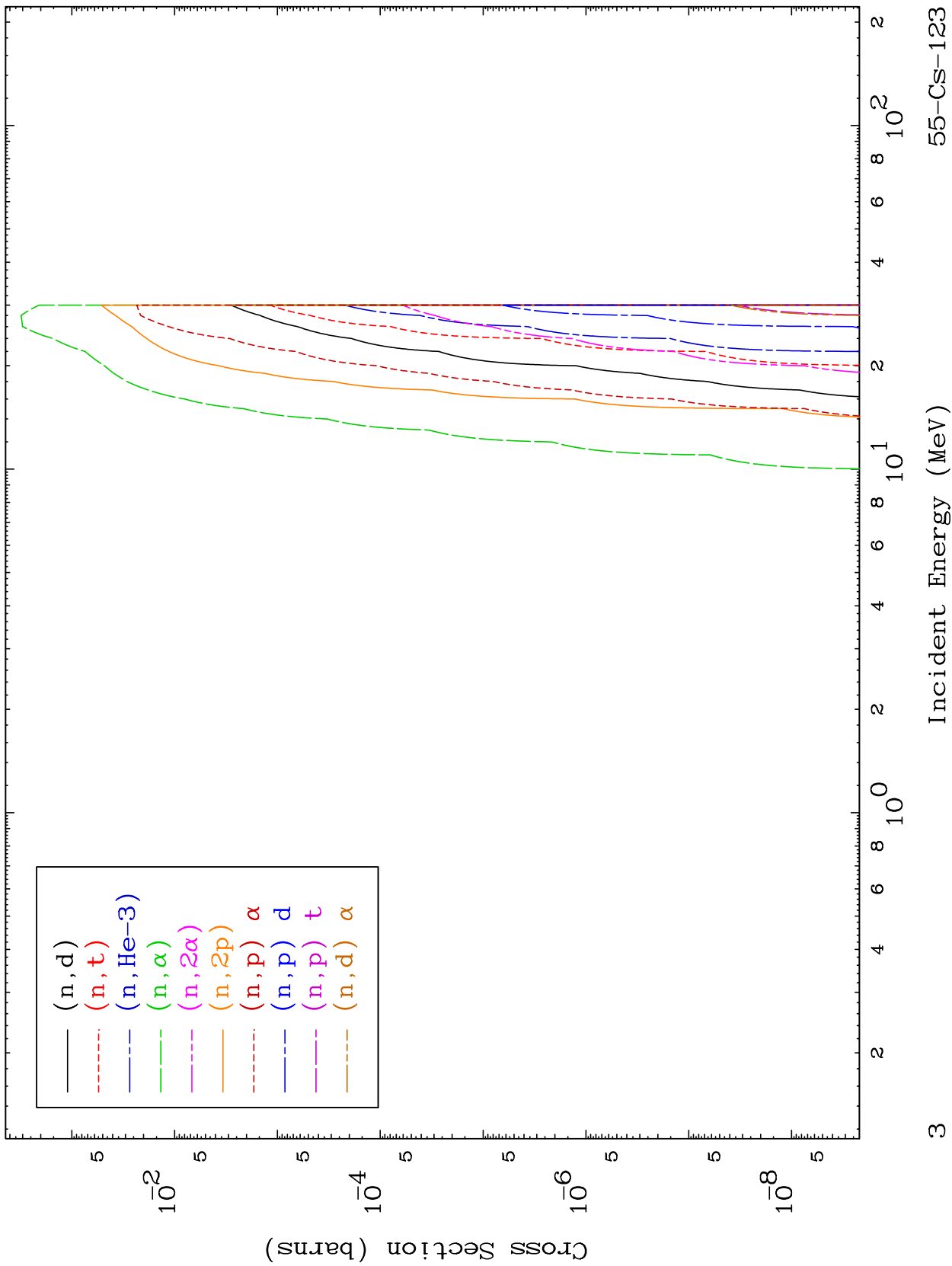
55-Cs-123

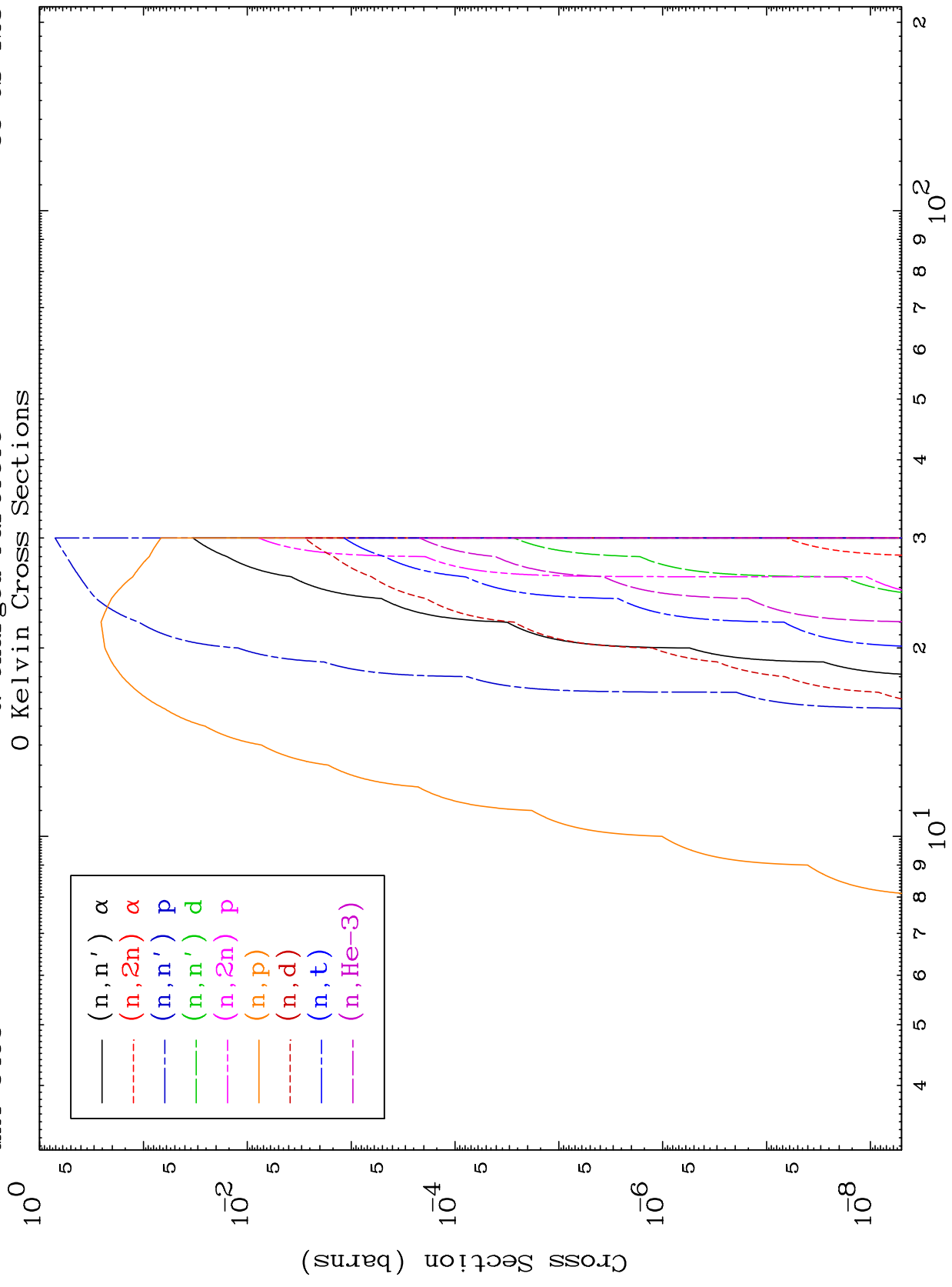


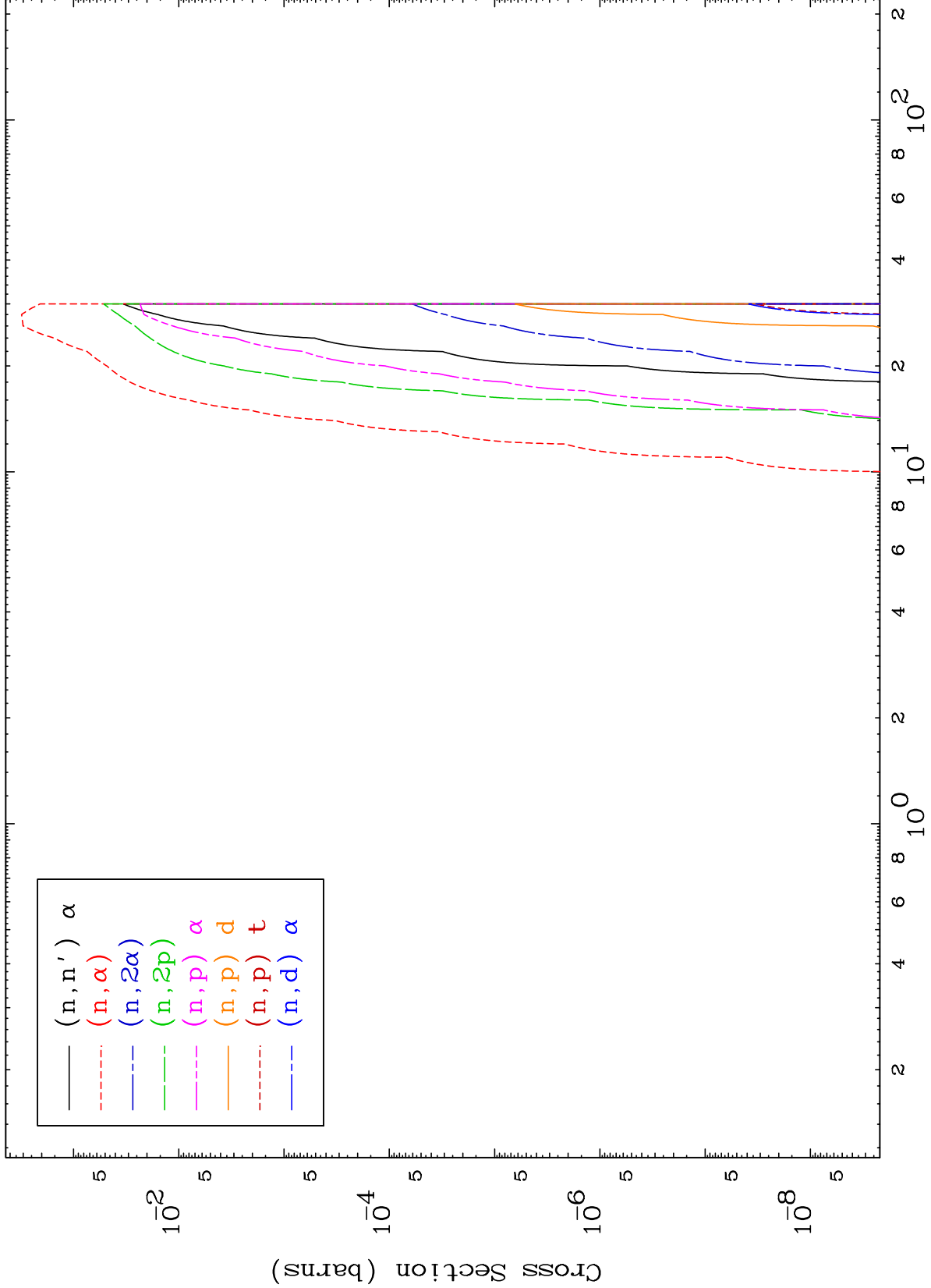
2

Incident Energy (MeV)

55-Cs-123



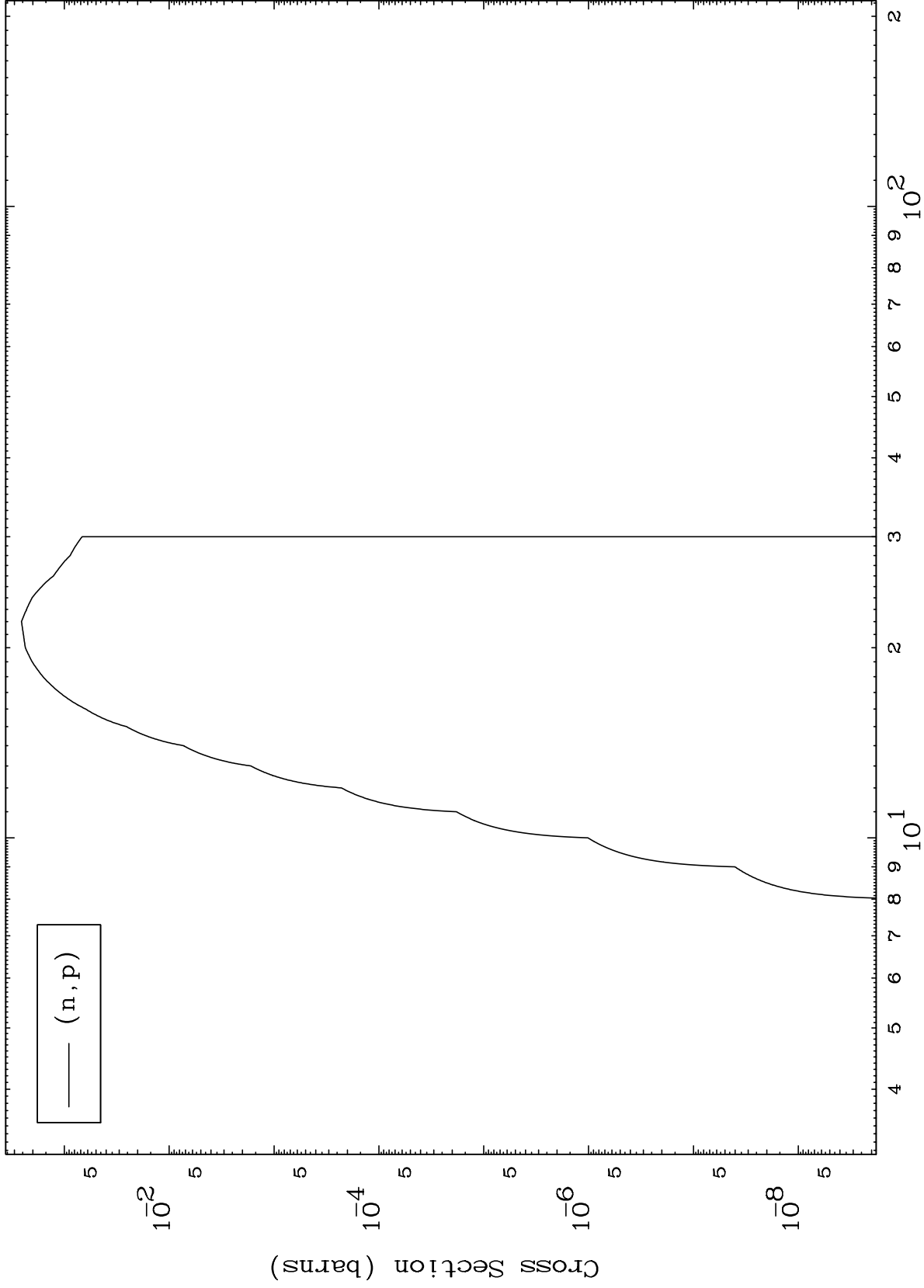




MAT 5495

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

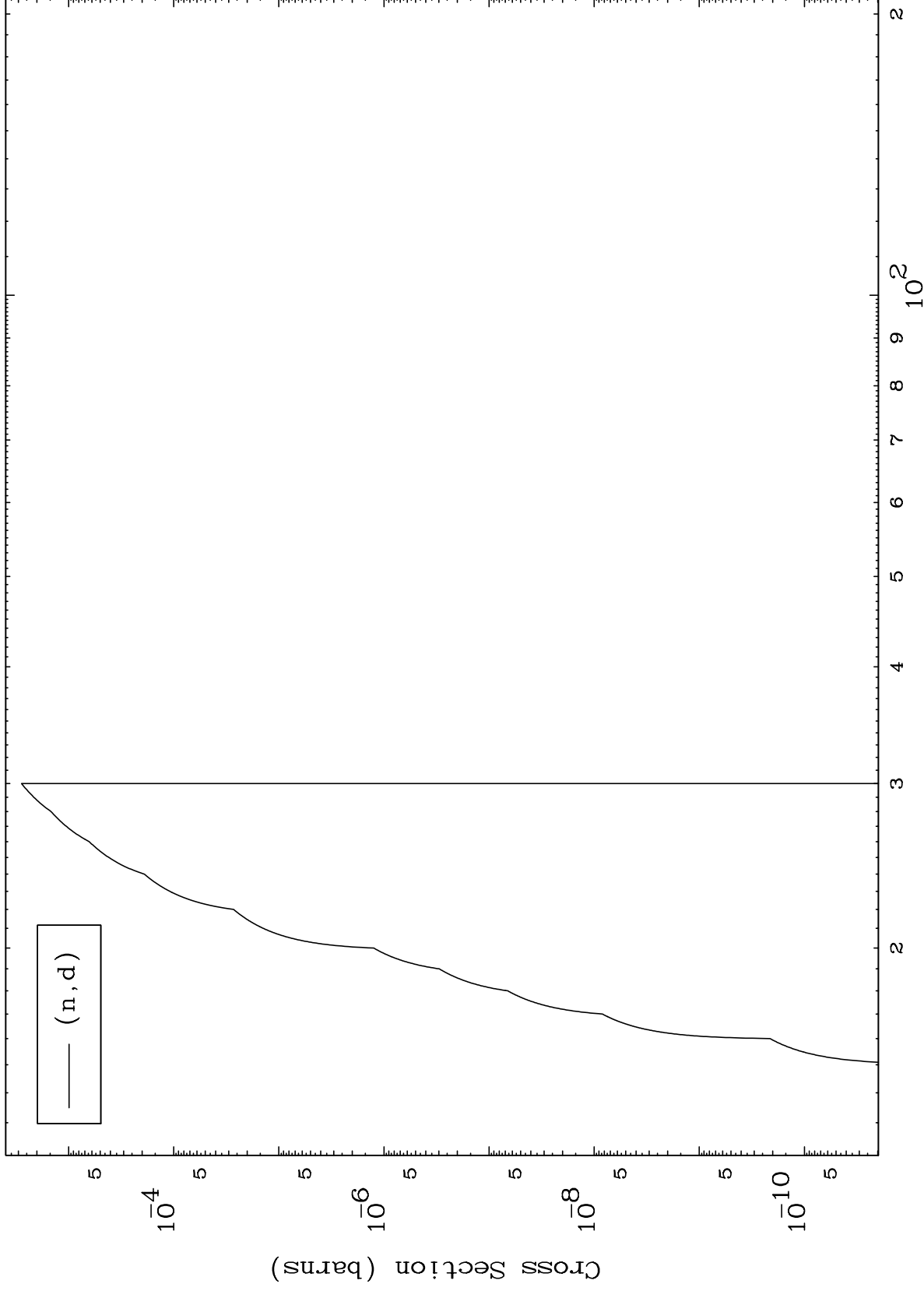
55-Cs-123



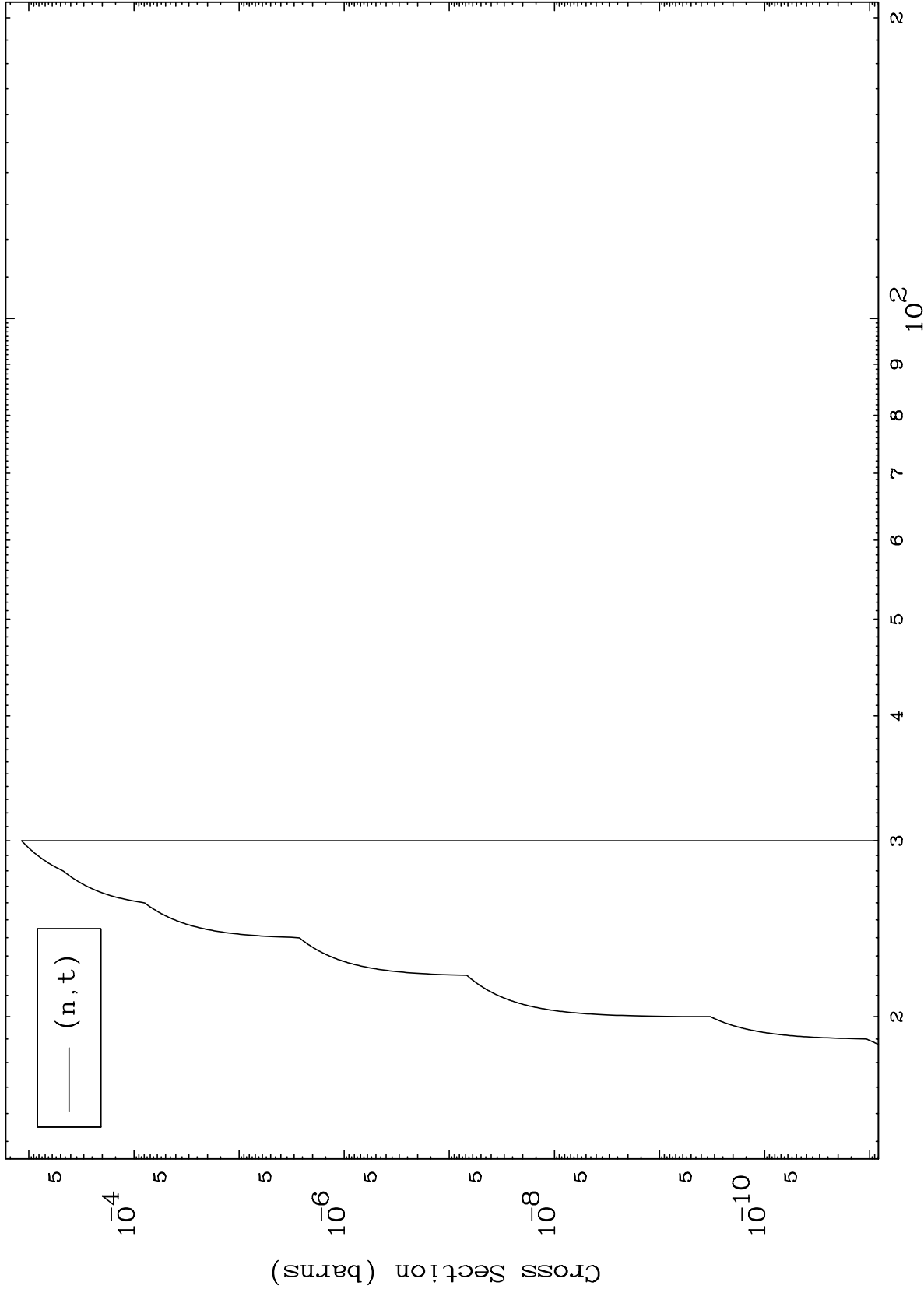
6

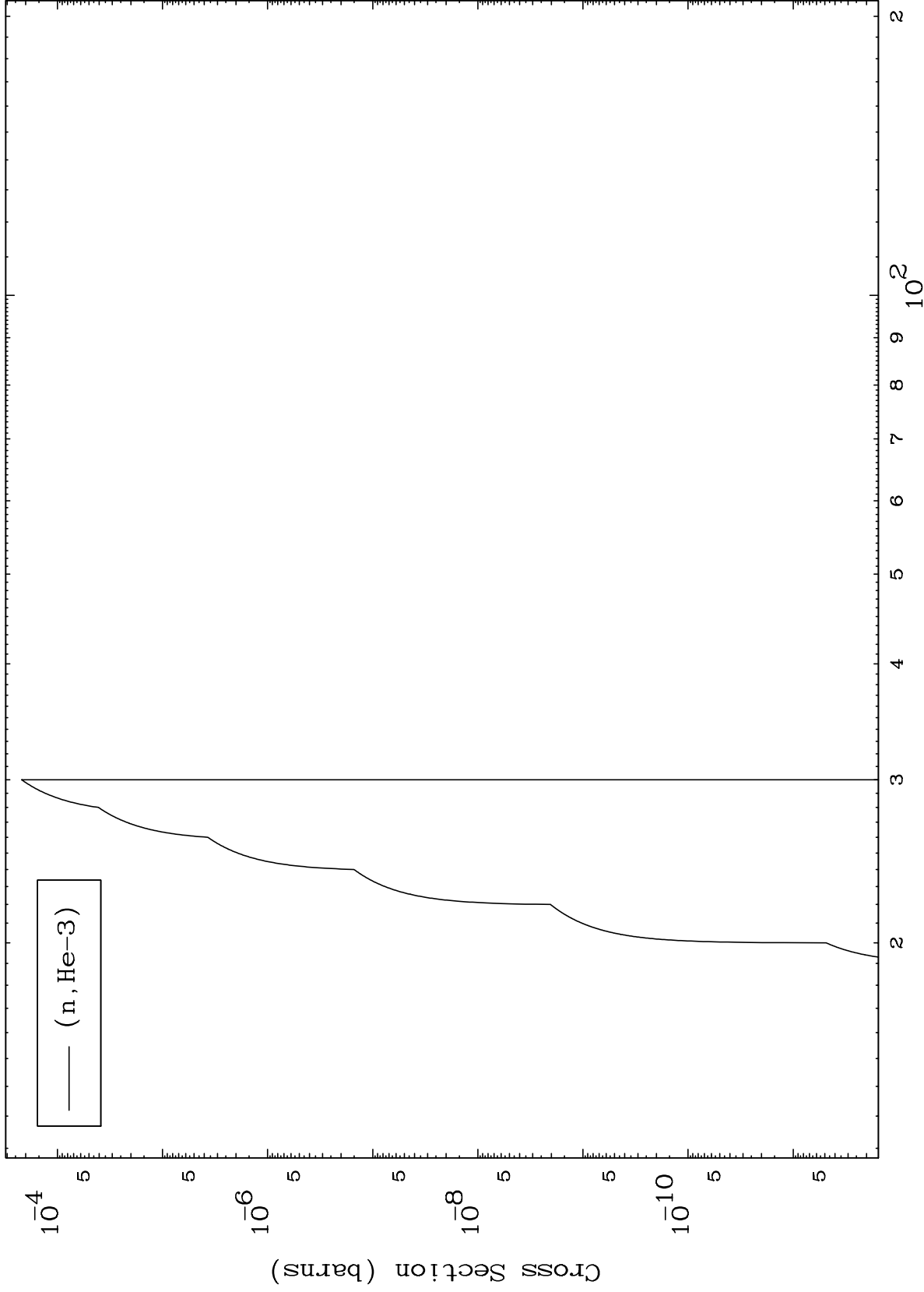
Incident Energy (MeV)

55-Cs-123







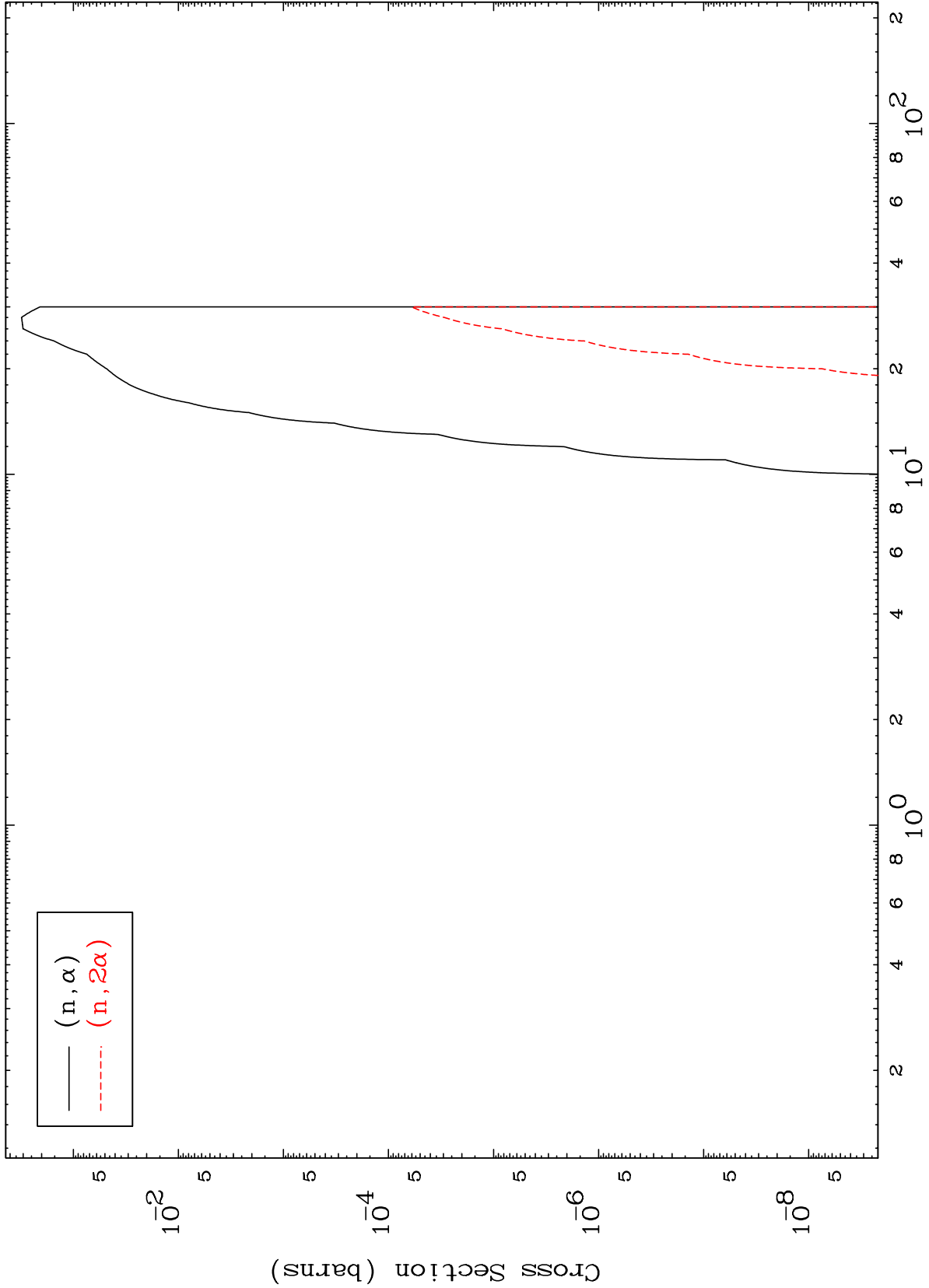


MAT 5495

( $\alpha, \alpha$ ) Levels

55-Cs-123

0 Kelvin Cross Sections



10

Incident Energy (MeV)

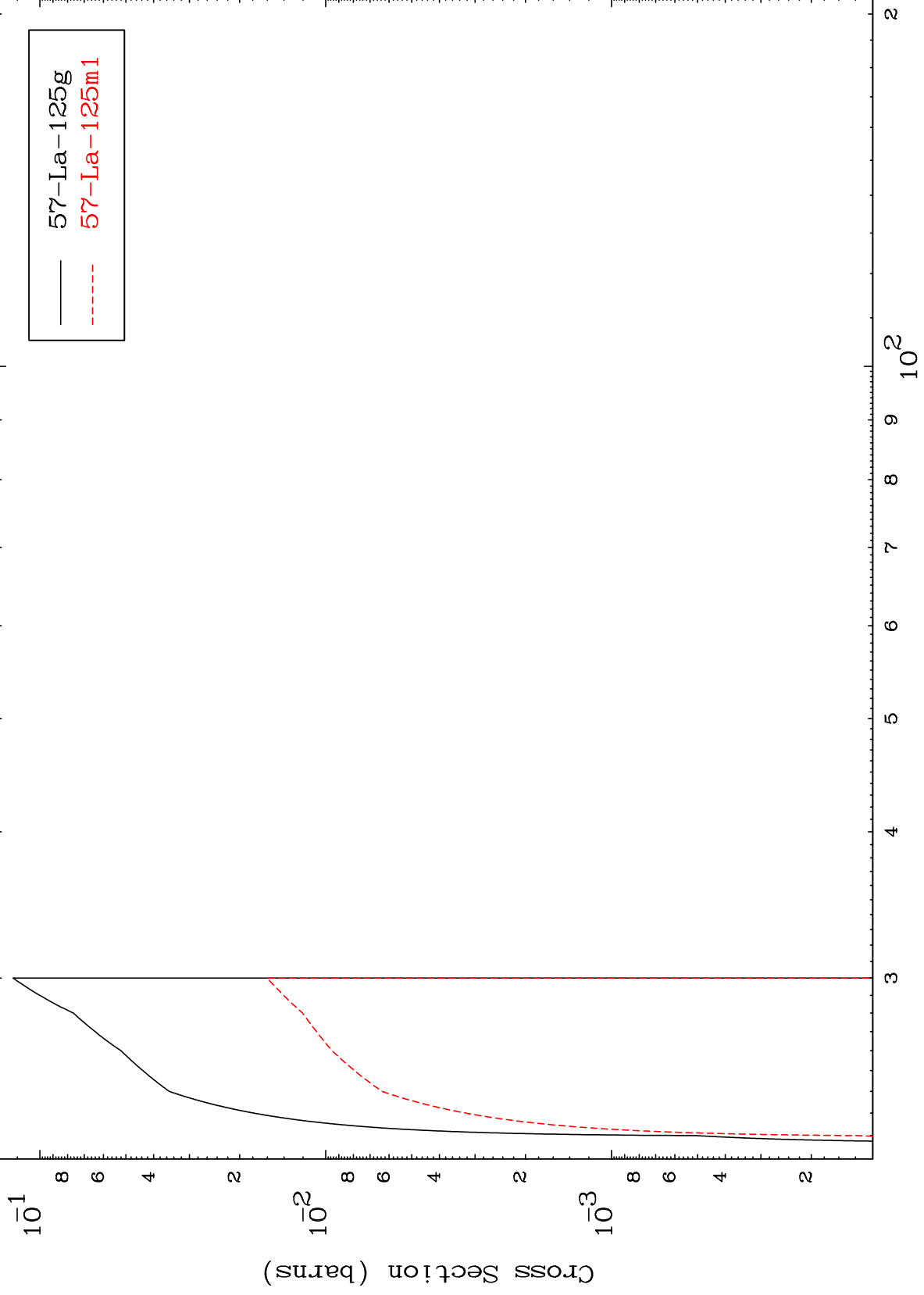
55-Cs-123

MAT 5495

(n,2n)

55-Cs-123

Radionuclide Production Cross Section



11

Incident Energy (MeV)

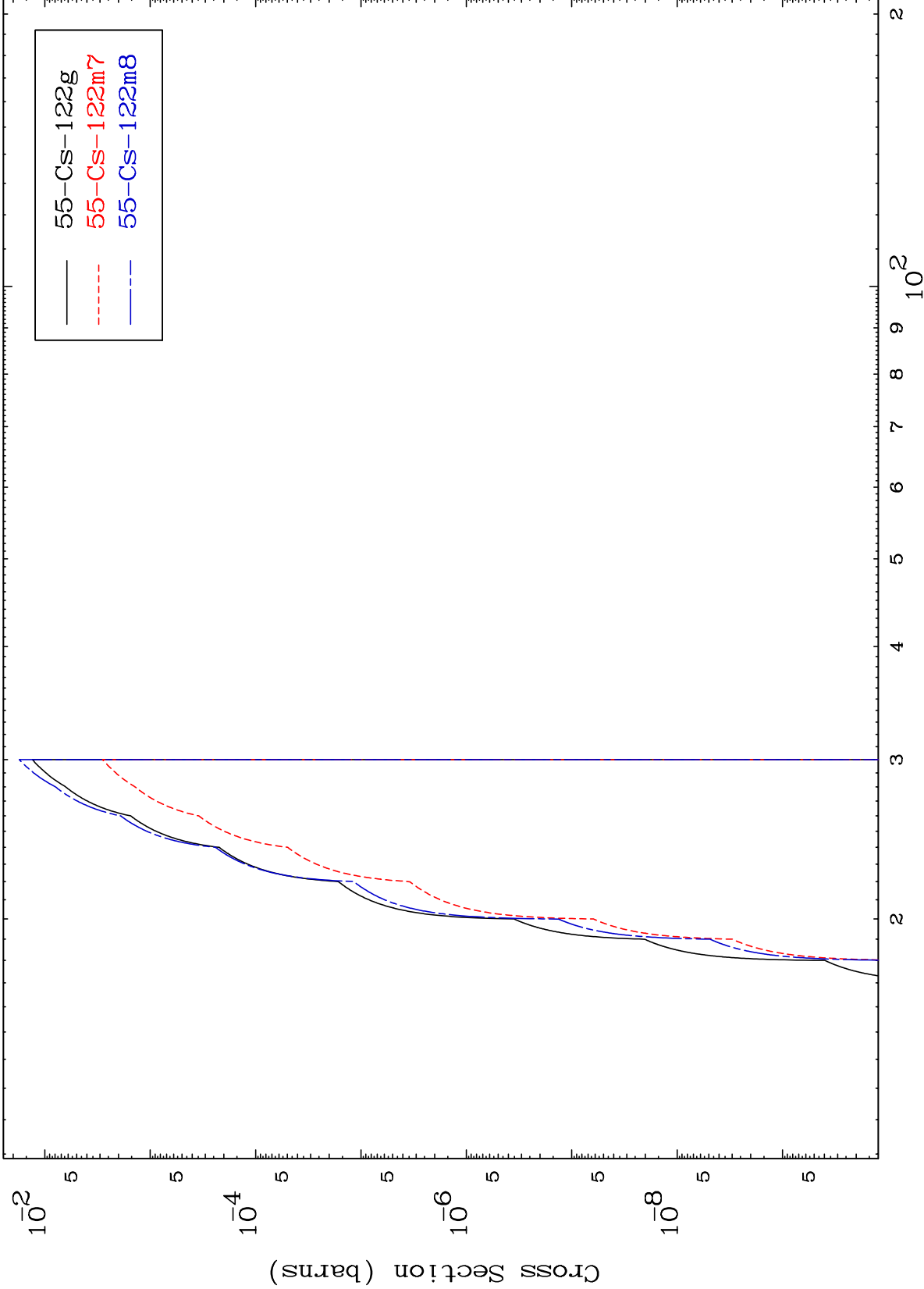
55-Cs-123

MAT 5495

$(n, n')$   $\alpha$

55-Cs-123

Radionuclide Production Cross Section



12

Incident Energy (MeV)

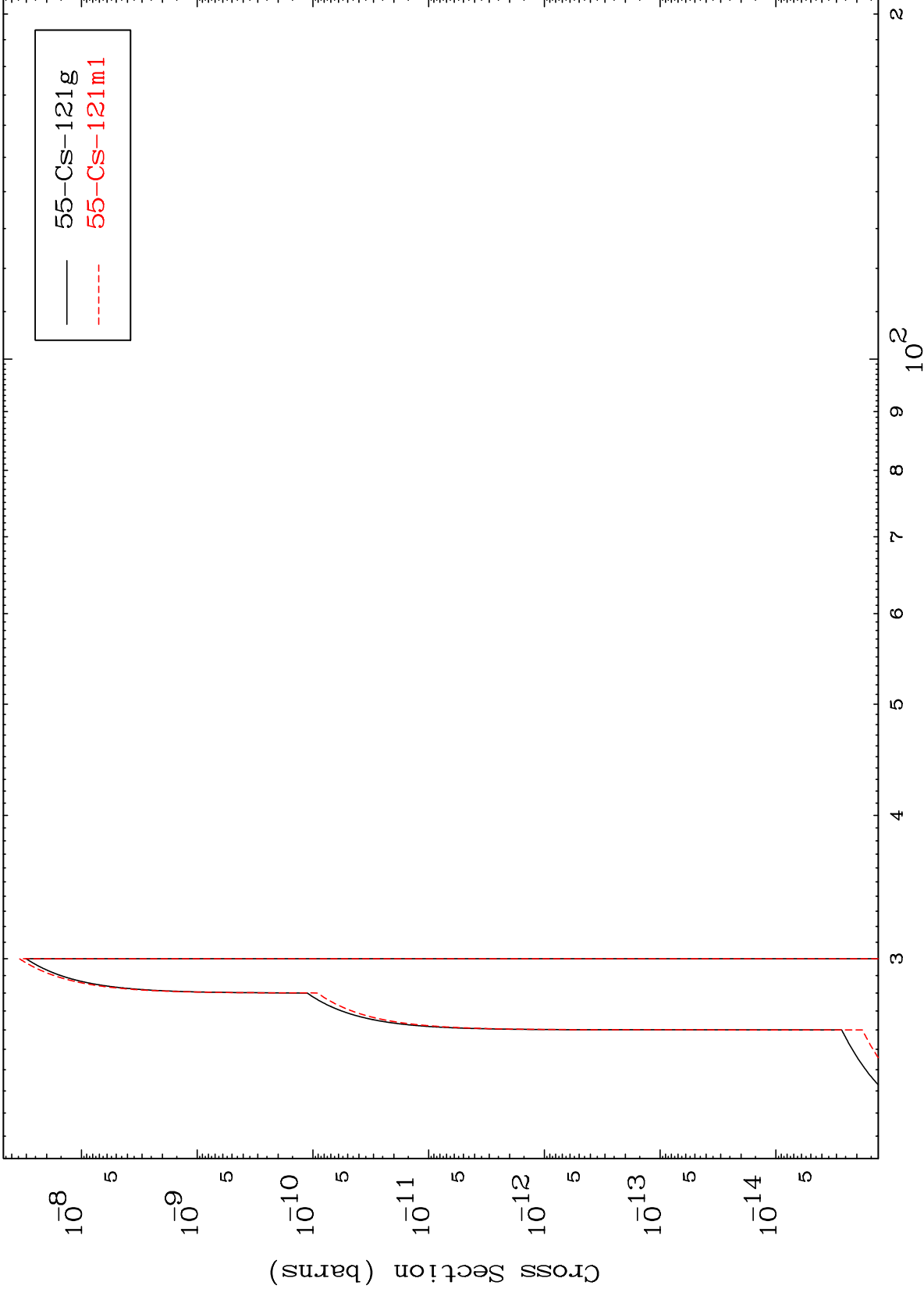
55-Cs-123

MAT 5495

(n,2n)  $\alpha$

55-Cs-123

Radionuclide Production Cross Section



55-Cs-121g  
55-Cs-121m1

13

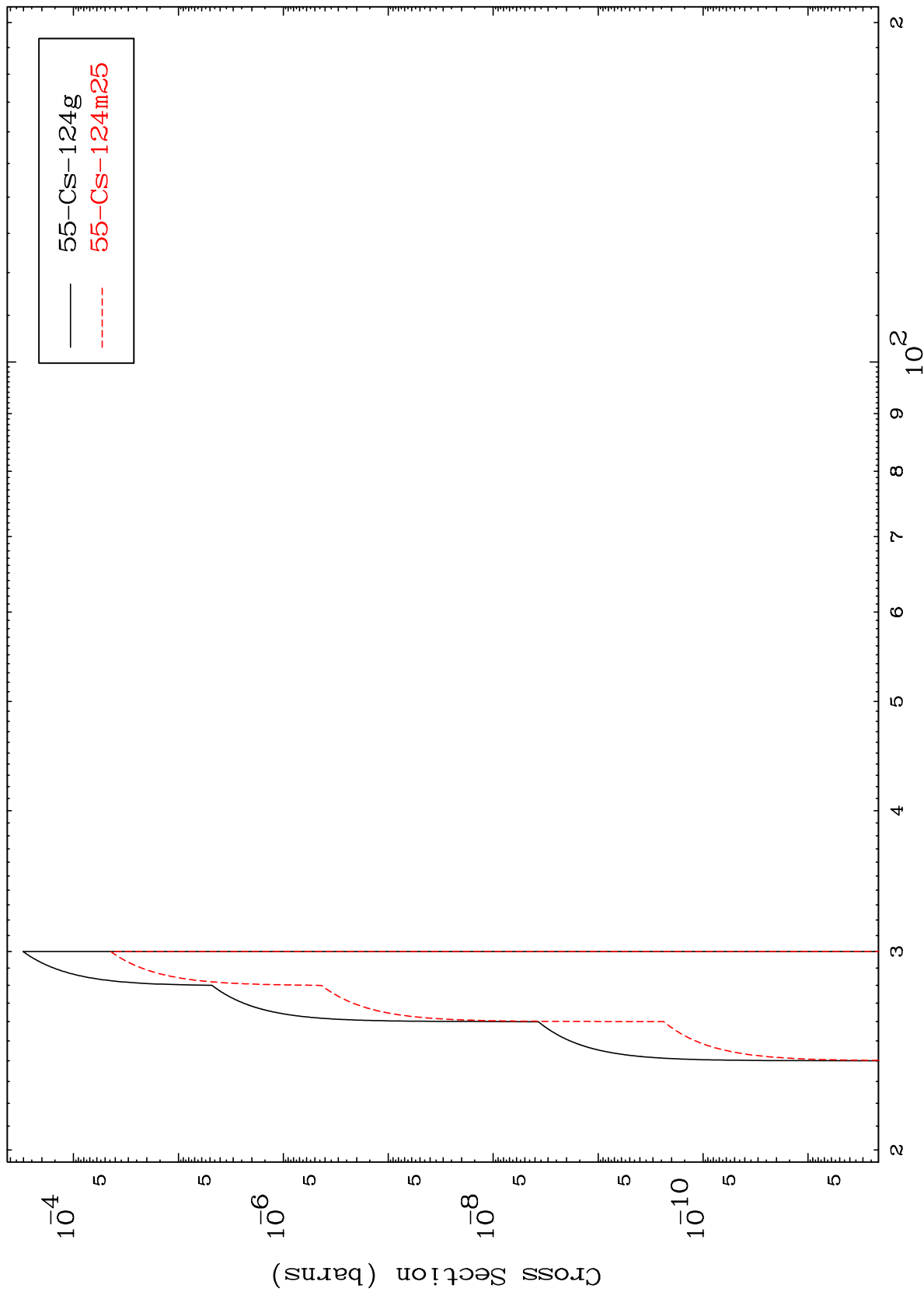
Incident Energy (MeV)

55-Cs-123

MAT 5495

55-Cs-123

(n,2n) p  
Radionuclide Production Cross Section



55-Cs-123

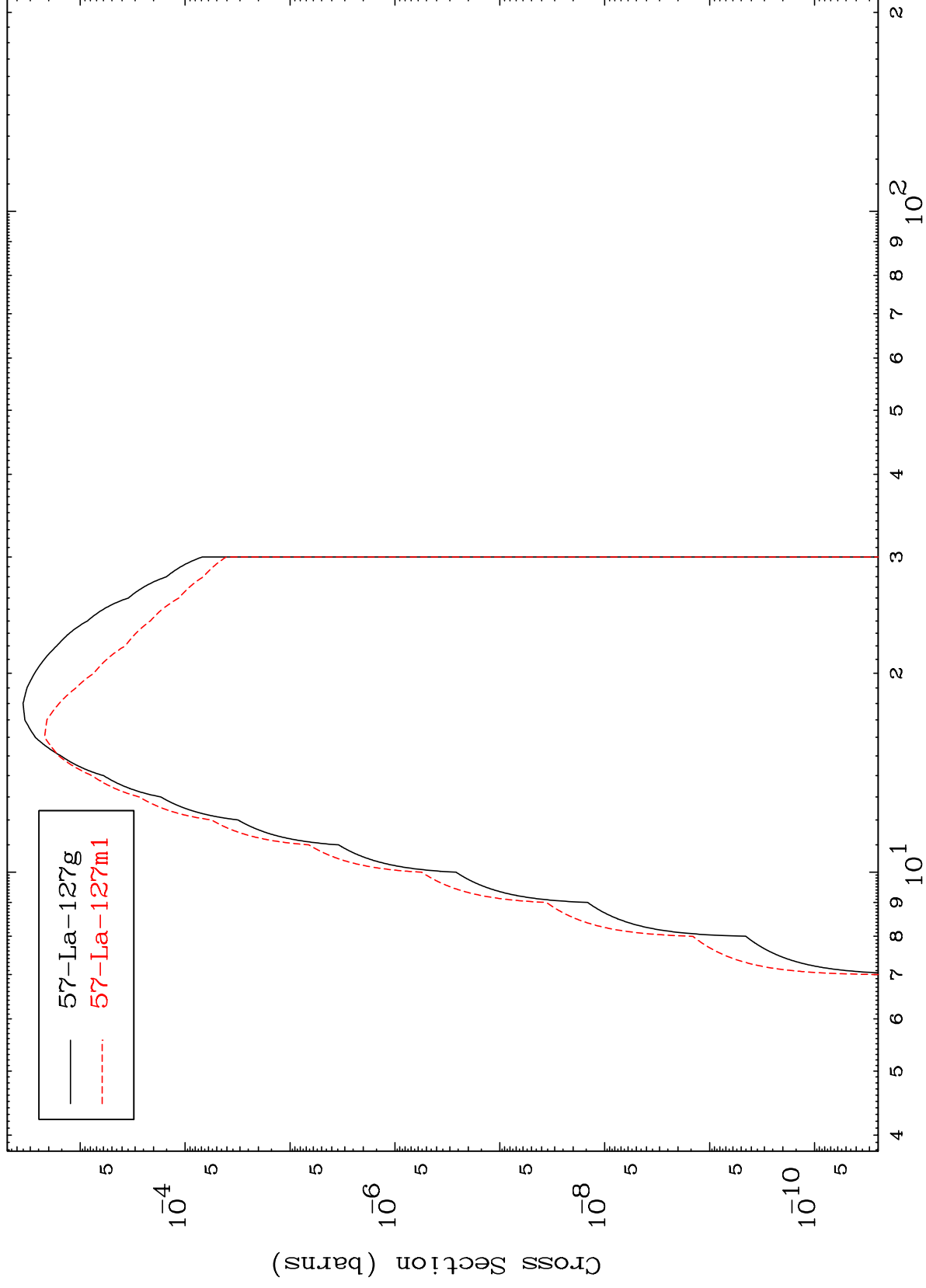
Incident Energy (MeV)

14

MAT 5495

55-Cs-123

(n,γ)  
Radionuclide Production Cross Section



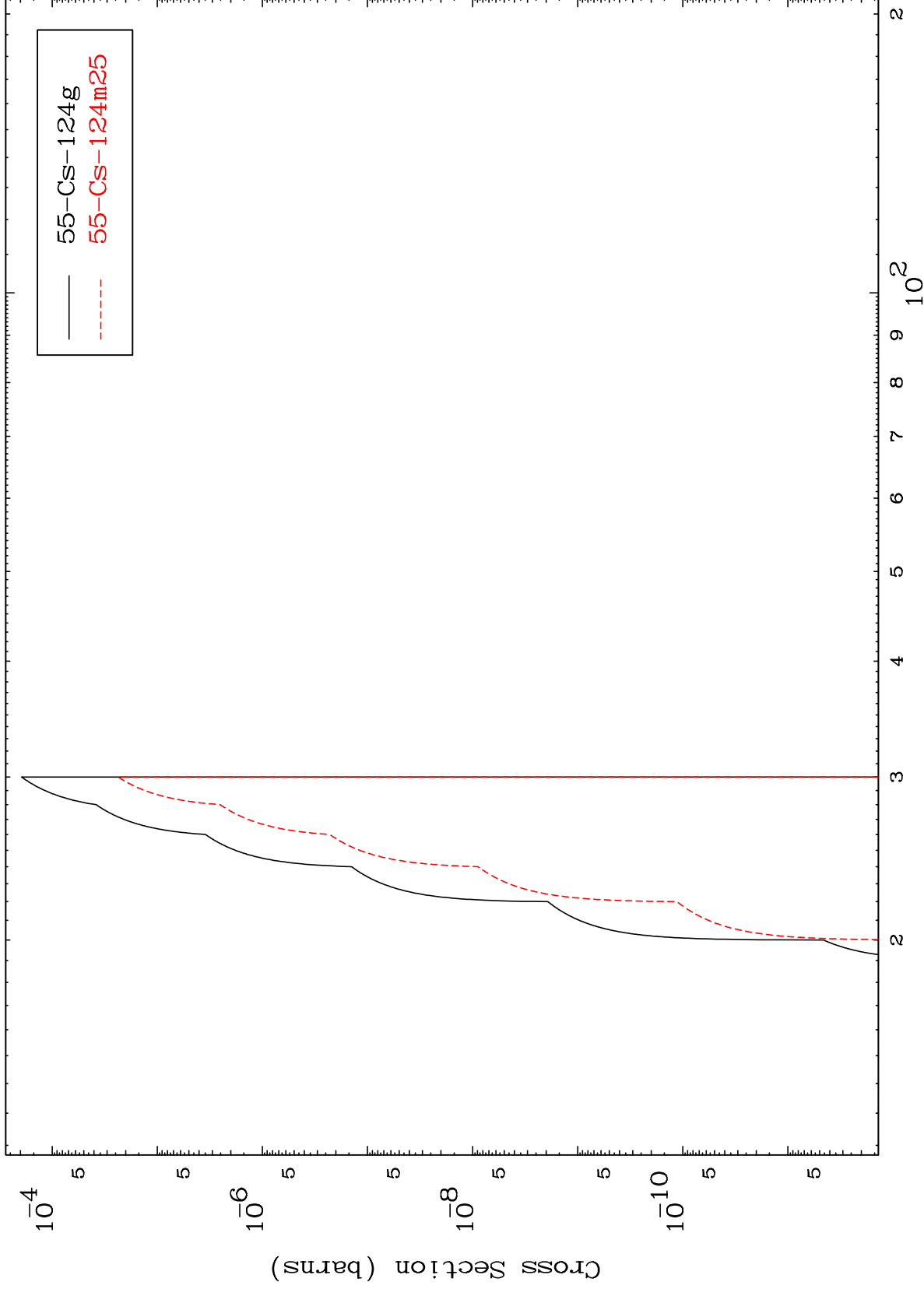
15

Incident Energy (MeV)

55-Cs-123



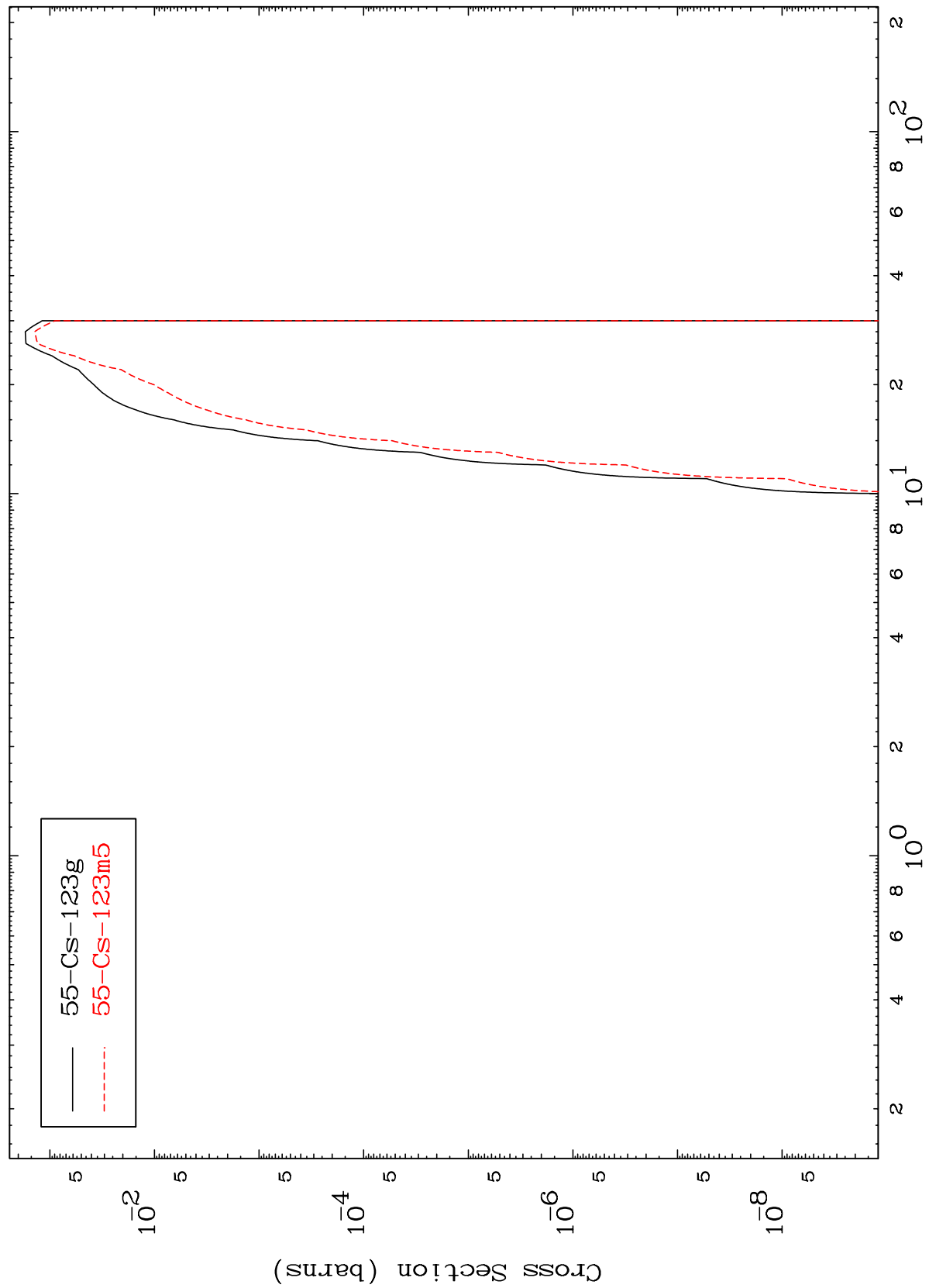
Radionuclide Production Cross Section



MAT 5495

55-Cs-123

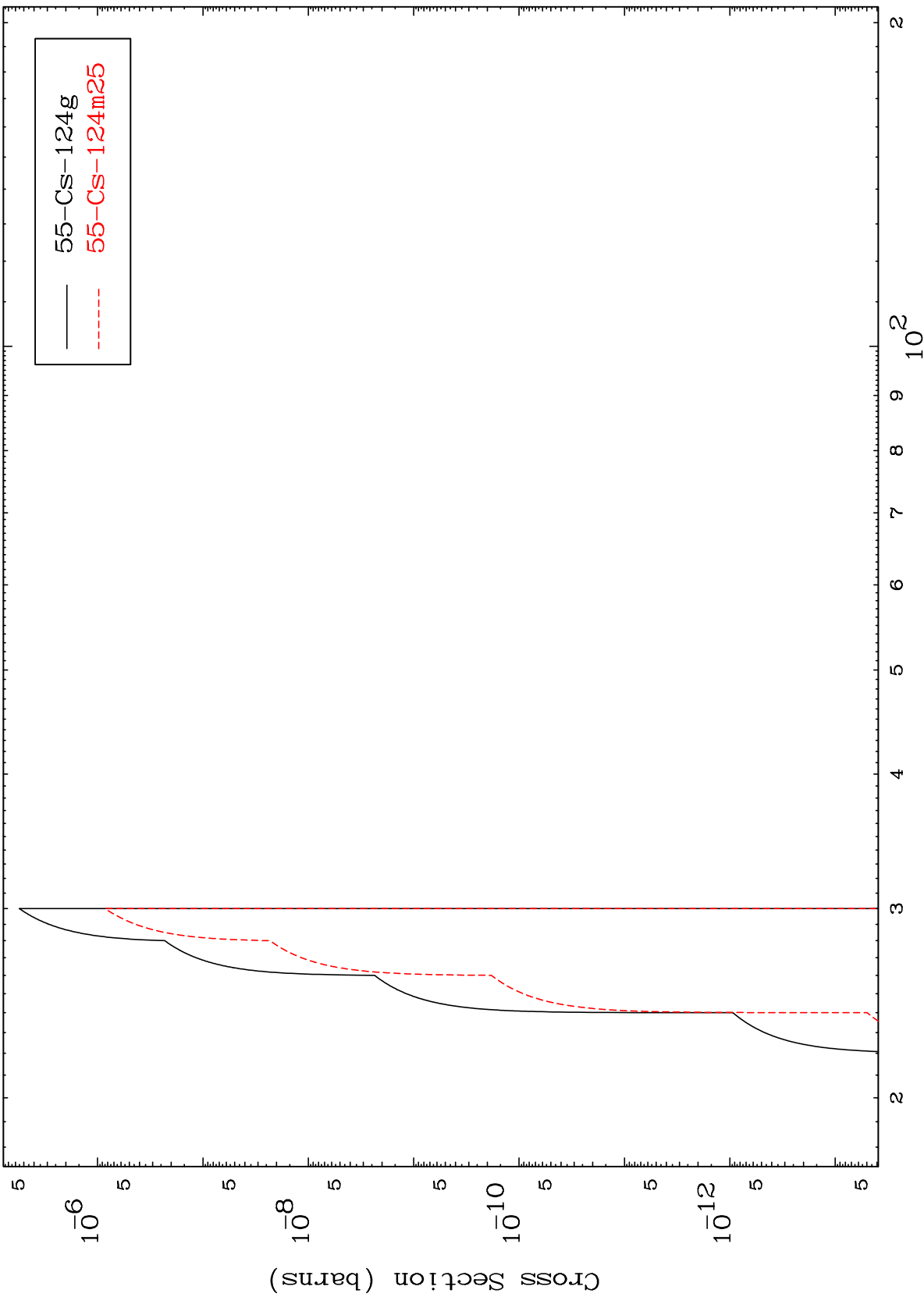
(n,  $\alpha$ )  
Radionuclide Production Cross Section



17

55-Cs-123

Radionuclide Production Cross Section



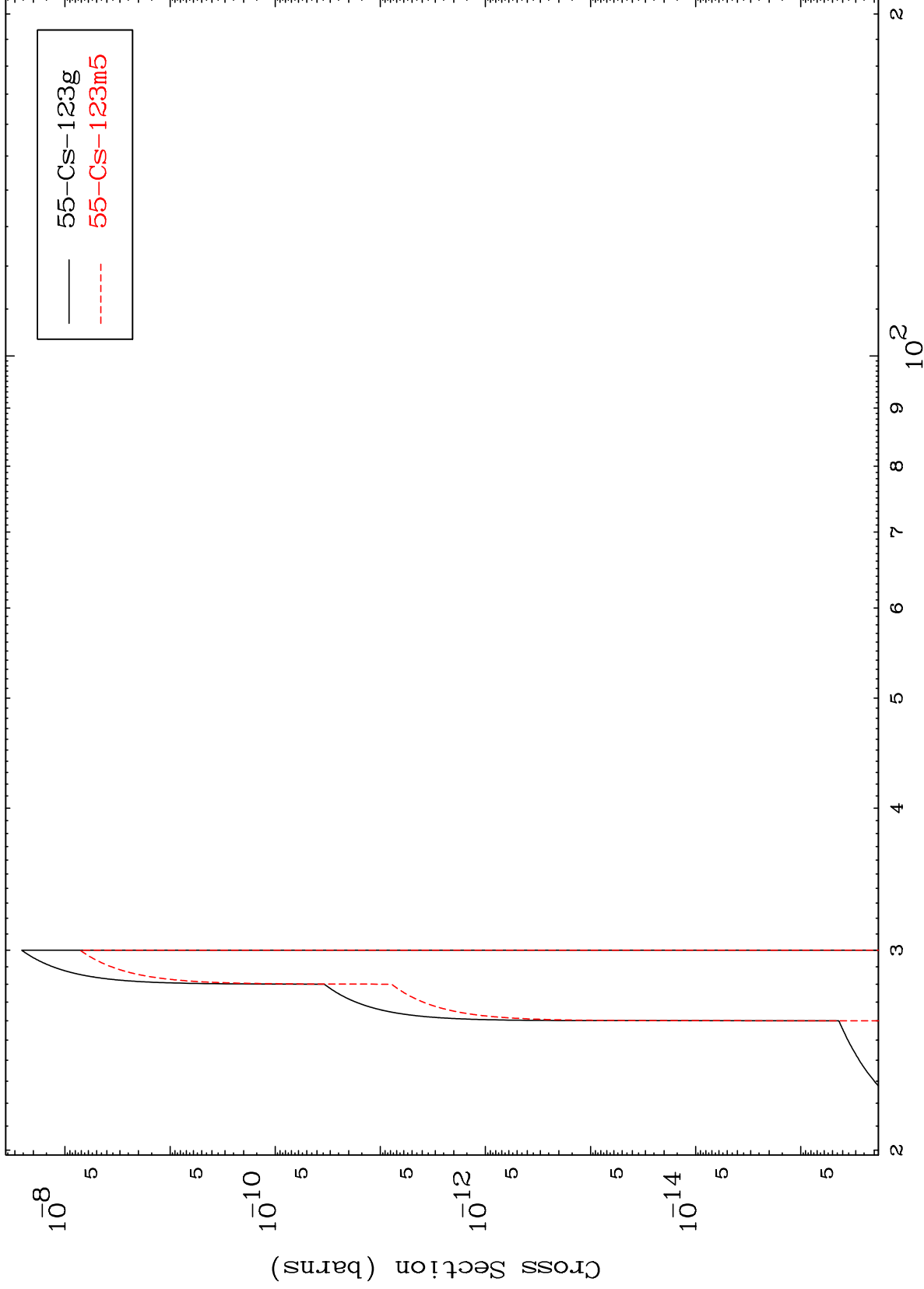
55-Cs-124g  
55-Cs-124m25

MAT 5495

(n,p) t

55-Cs-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

55-Cs-123