

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

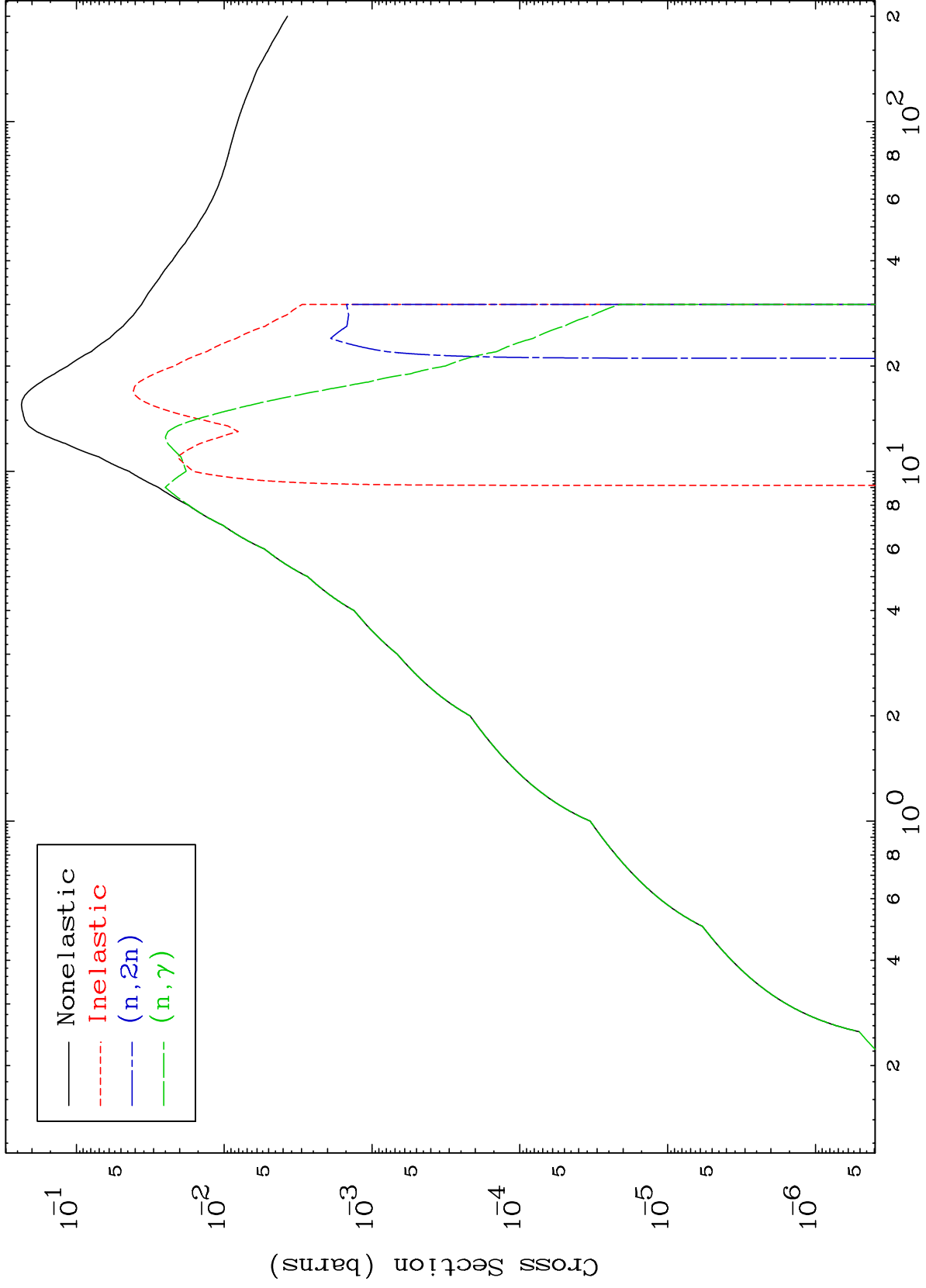
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5604

0 Kelvin Major
Photon Cross Sections

56-Ba-123



1

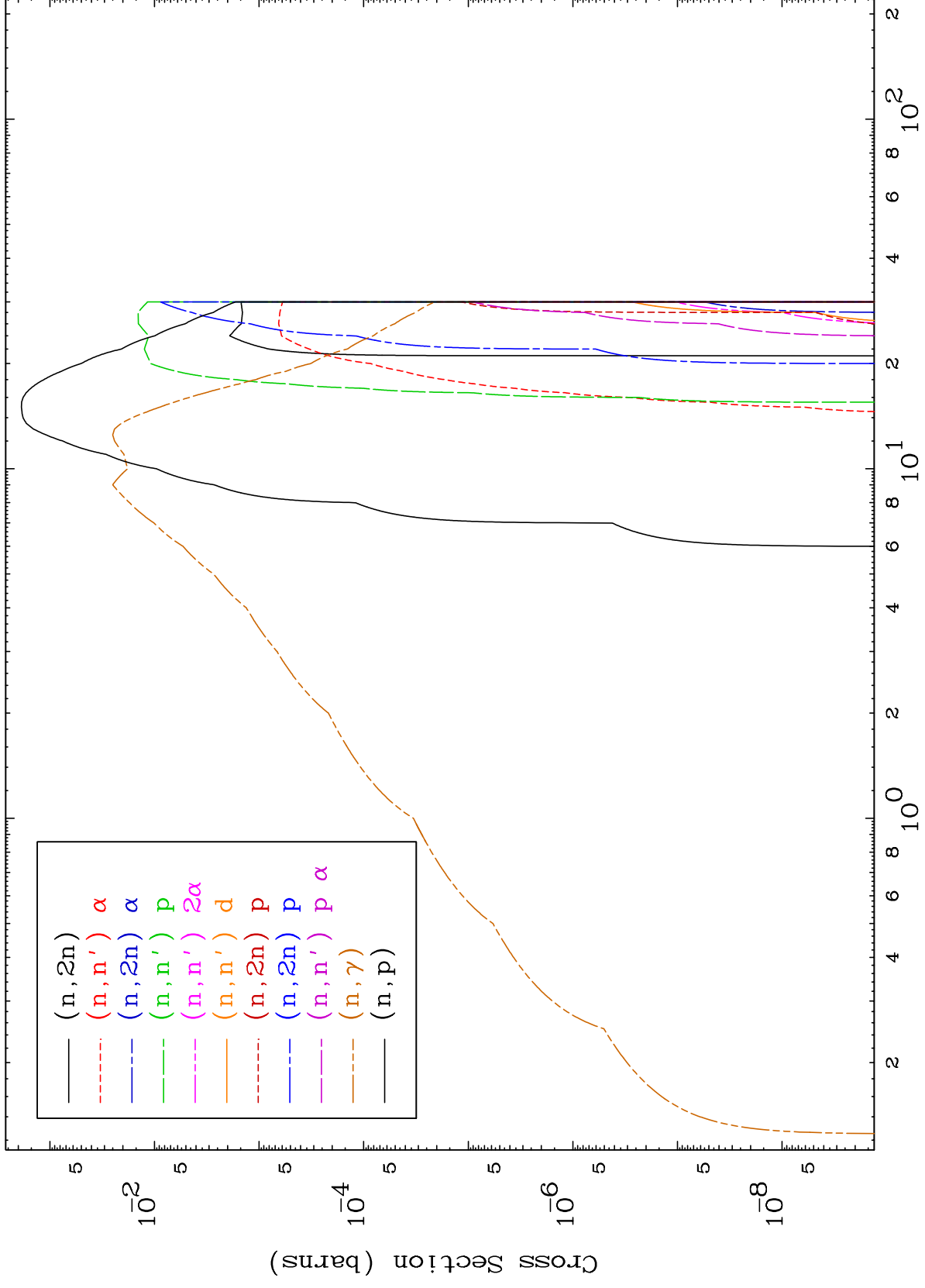
Incident Energy (MeV)

56-Ba-123

MAT 5604

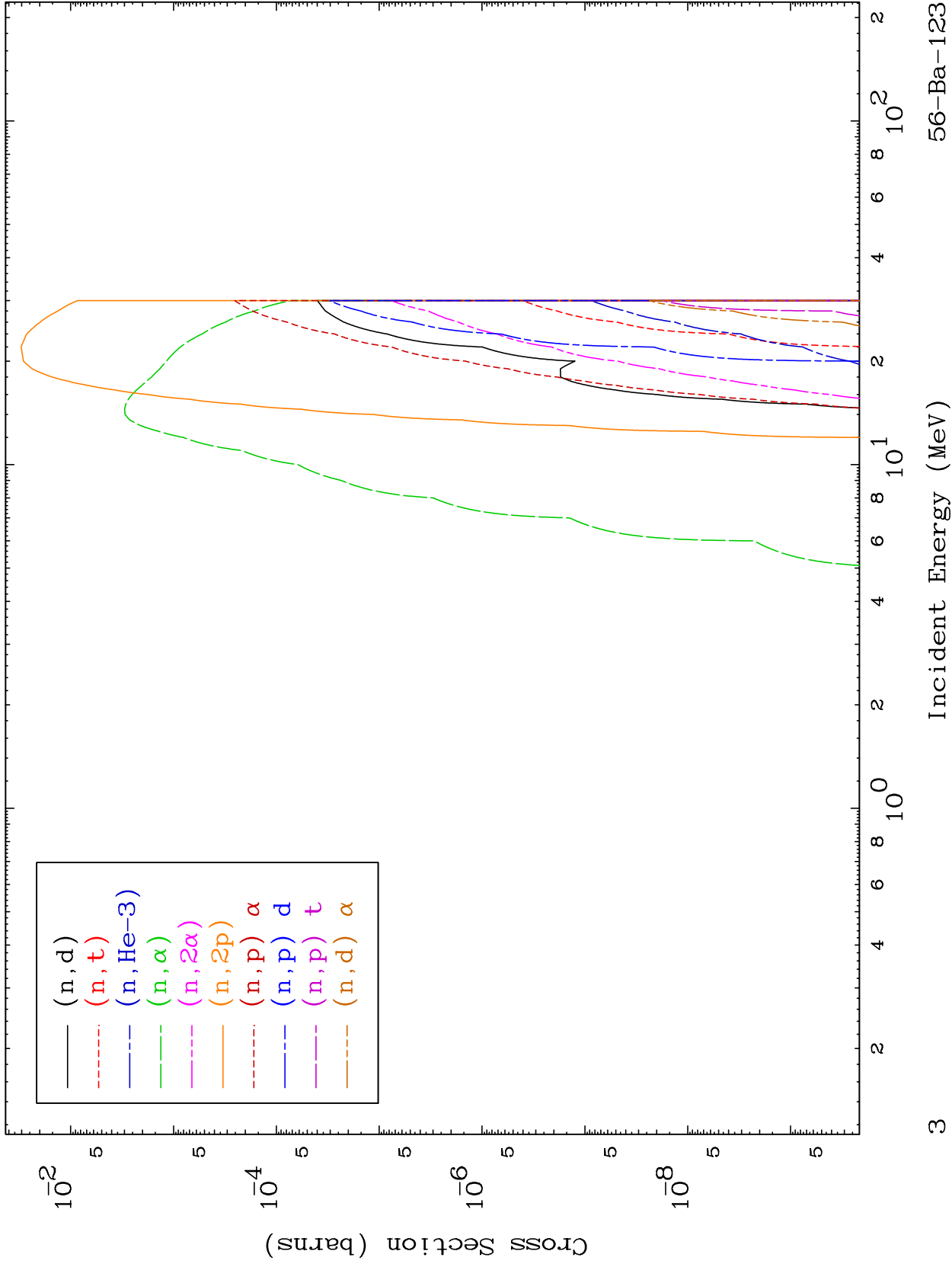
Photon Neutron Absorption
0 Kelvin Cross Sections

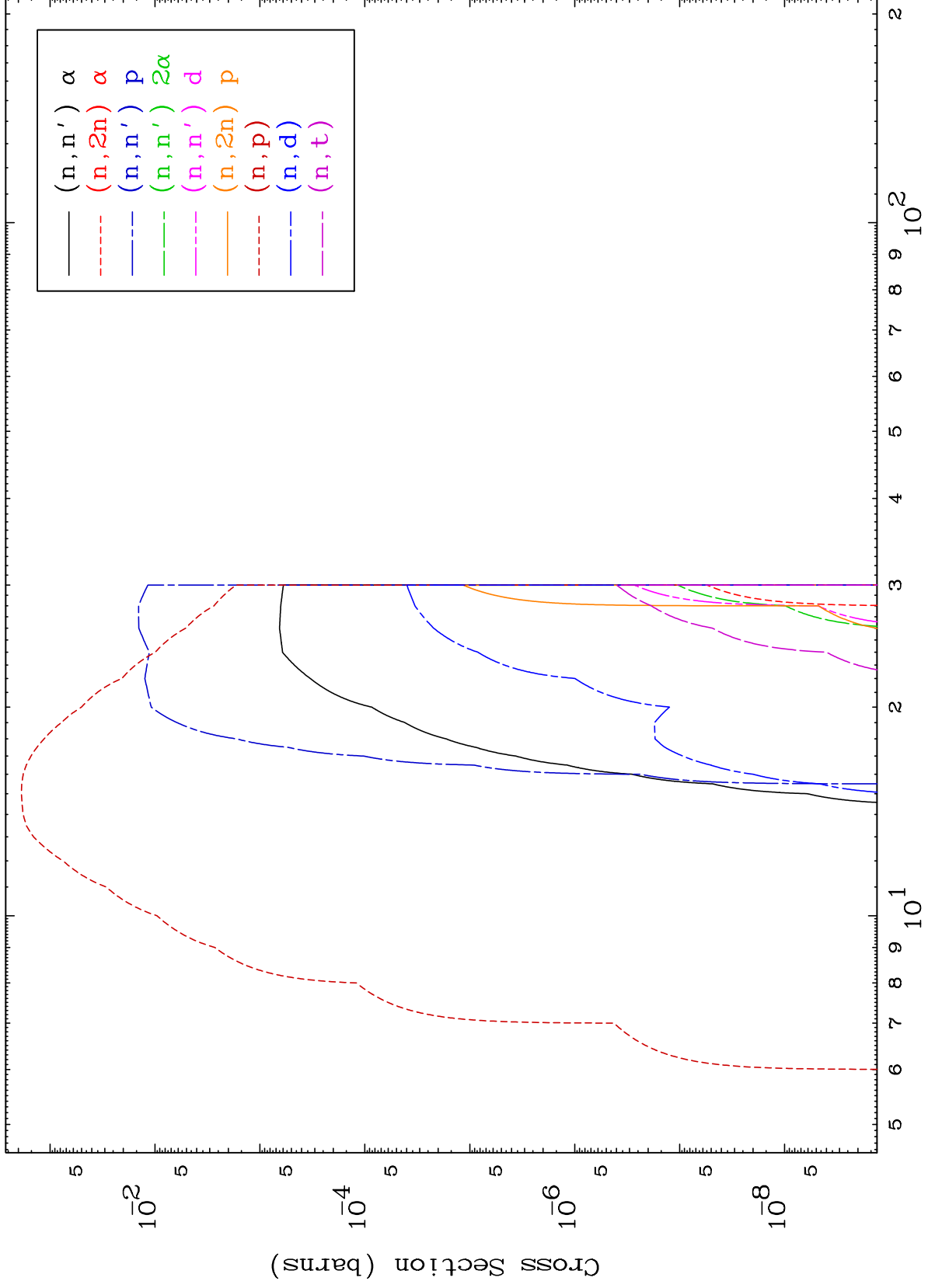
56-Ba-123

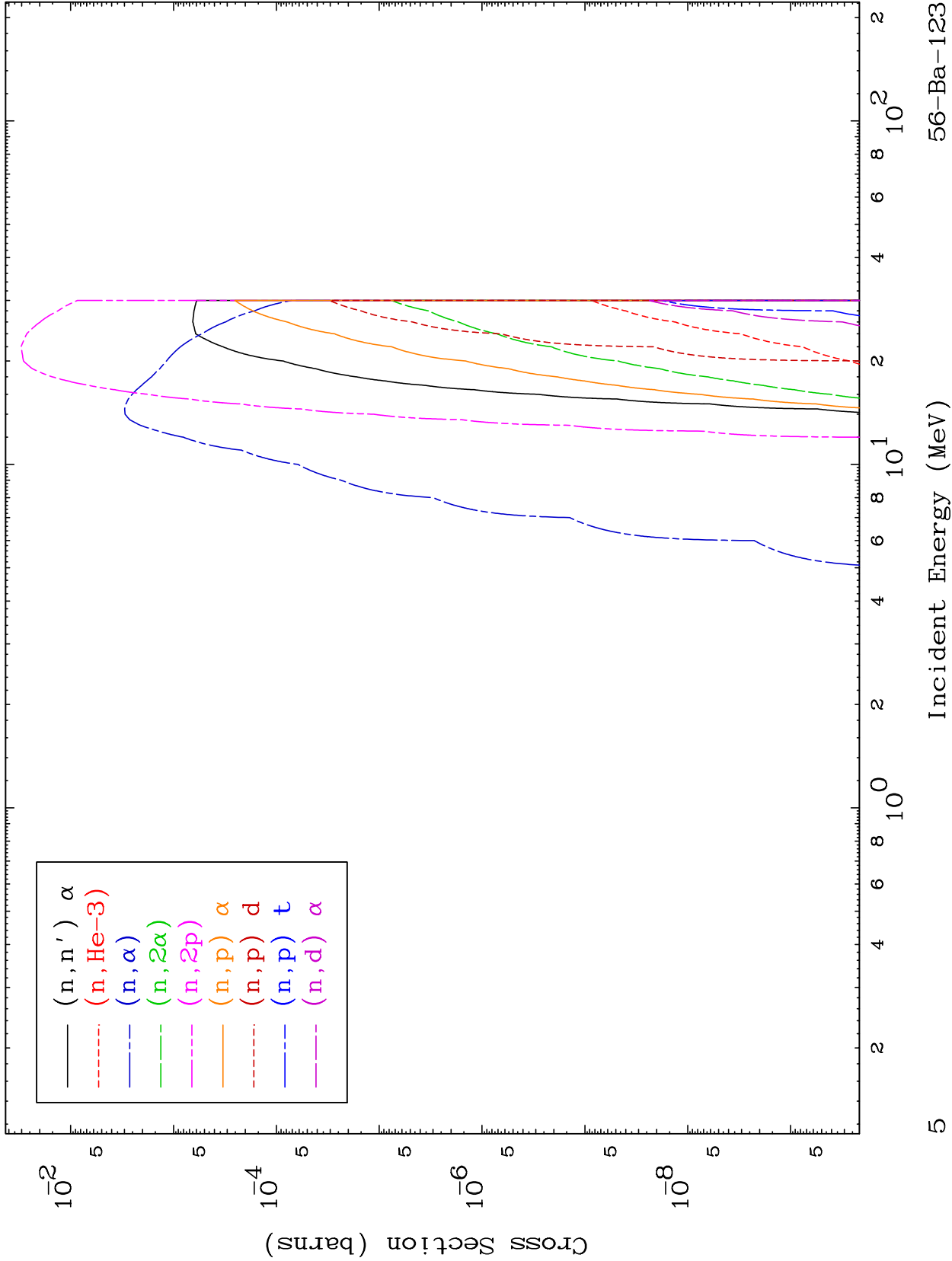


56-Ba-123

Incident Energy (MeV)



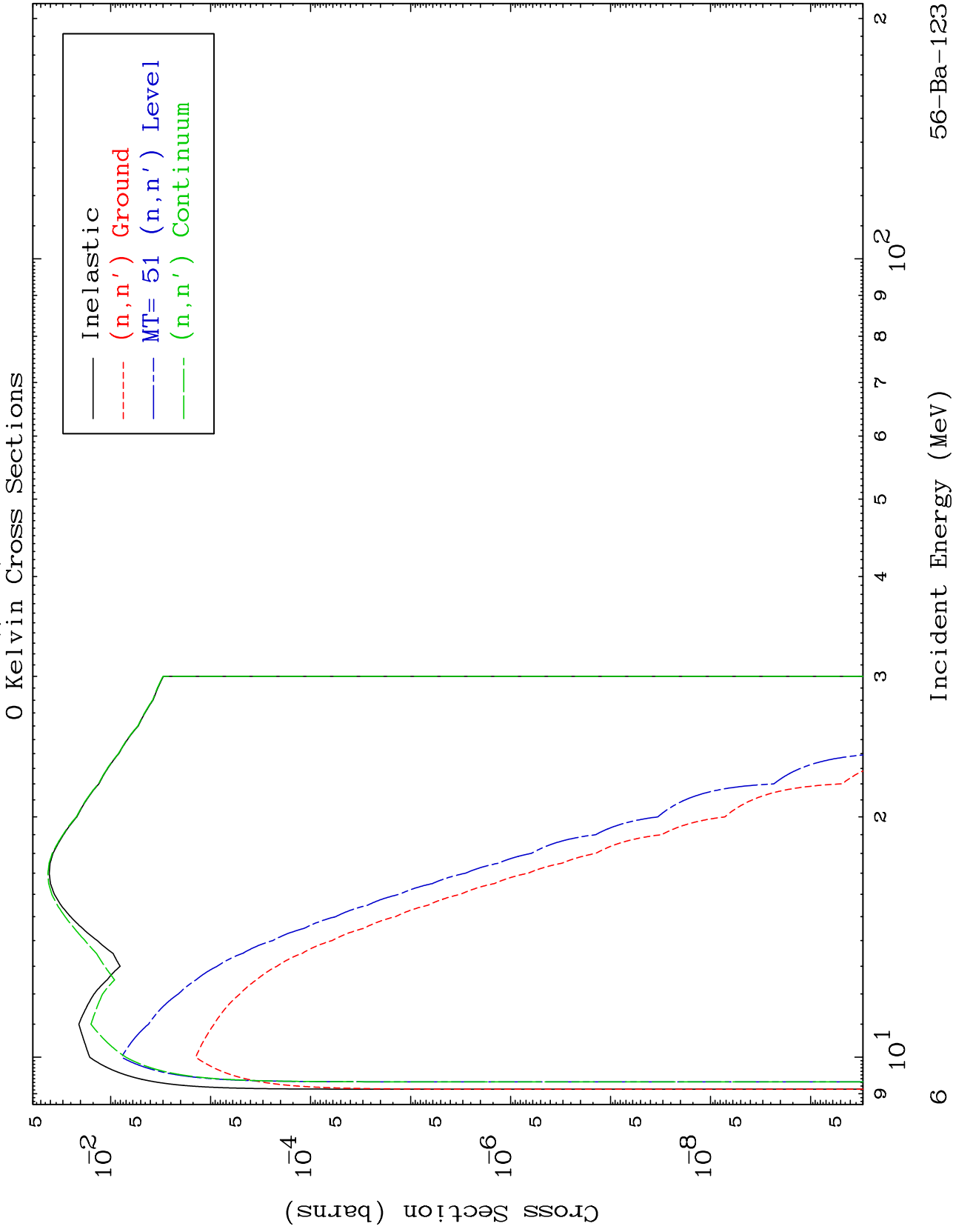




MAT 5604

(γ, n') Levels

56-Ba-123



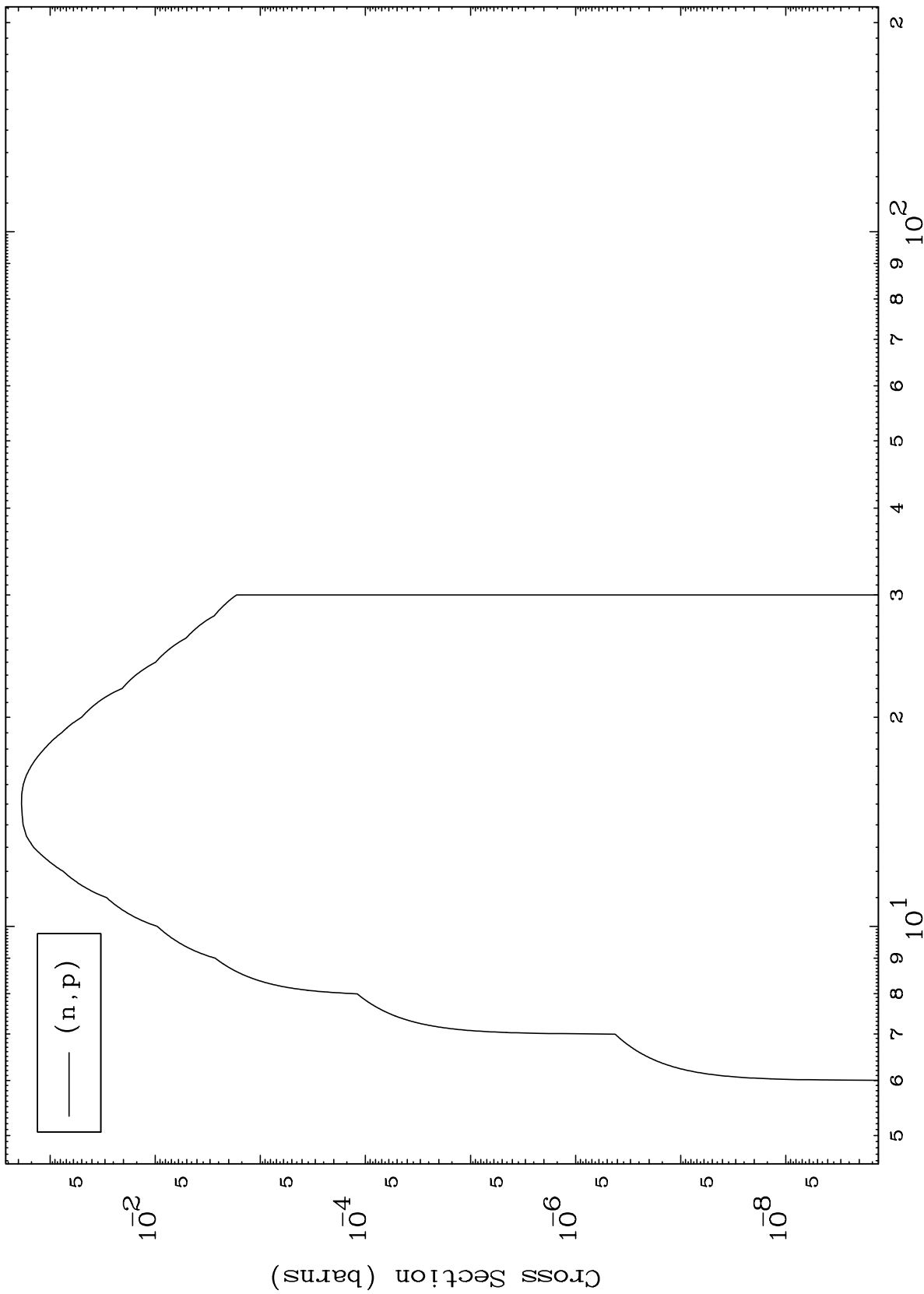
56-Ba-123

Incident Energy (MeV)

MAT 5604

56-Ba-123

(γ, p) Levels
0 Kelvin Cross Sections



(n, p)

56-Ba-123

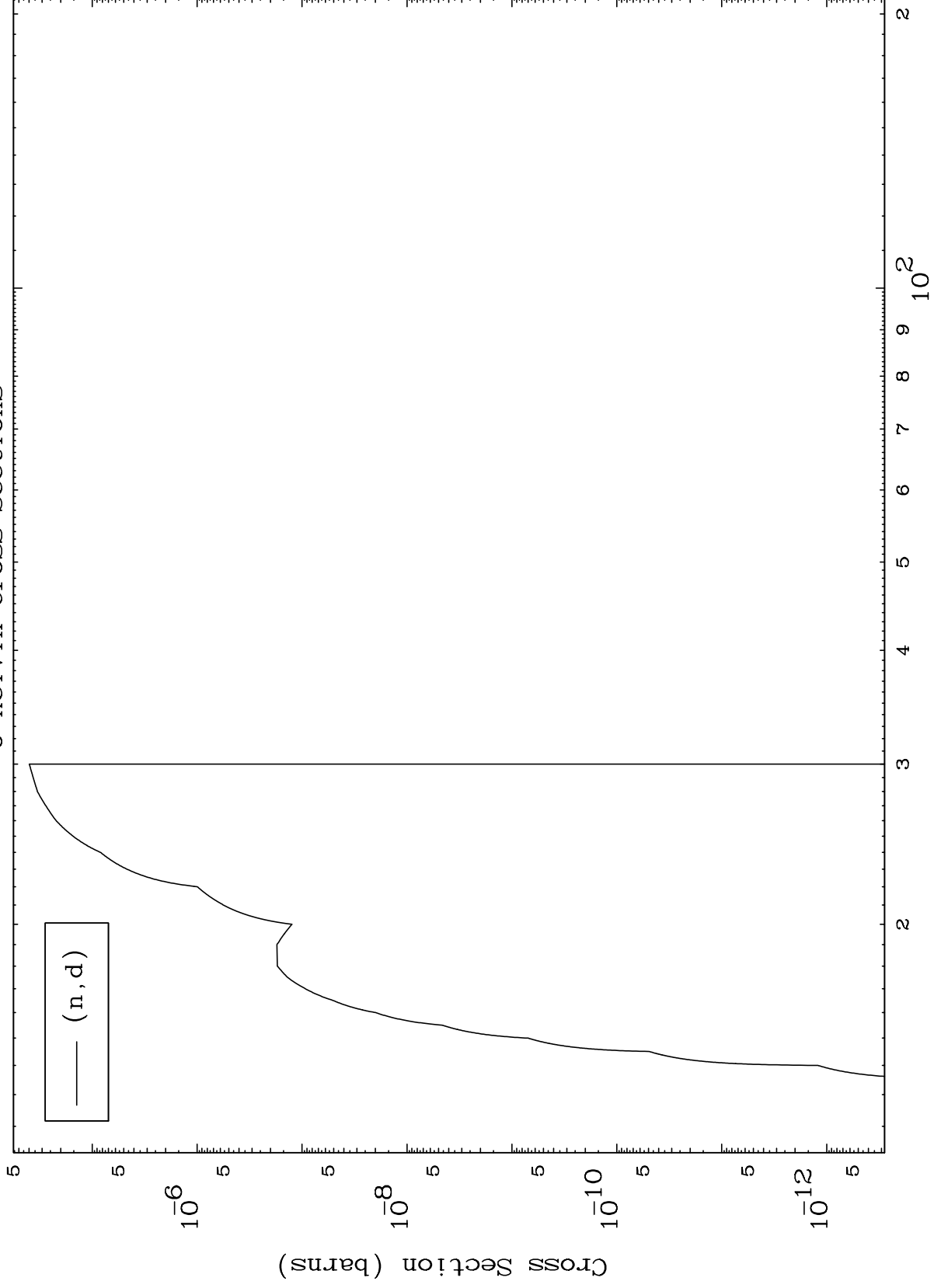
Incident Energy (MeV)

7

MAT 5604

(γ, d) Levels
0 Kelvin Cross Sections

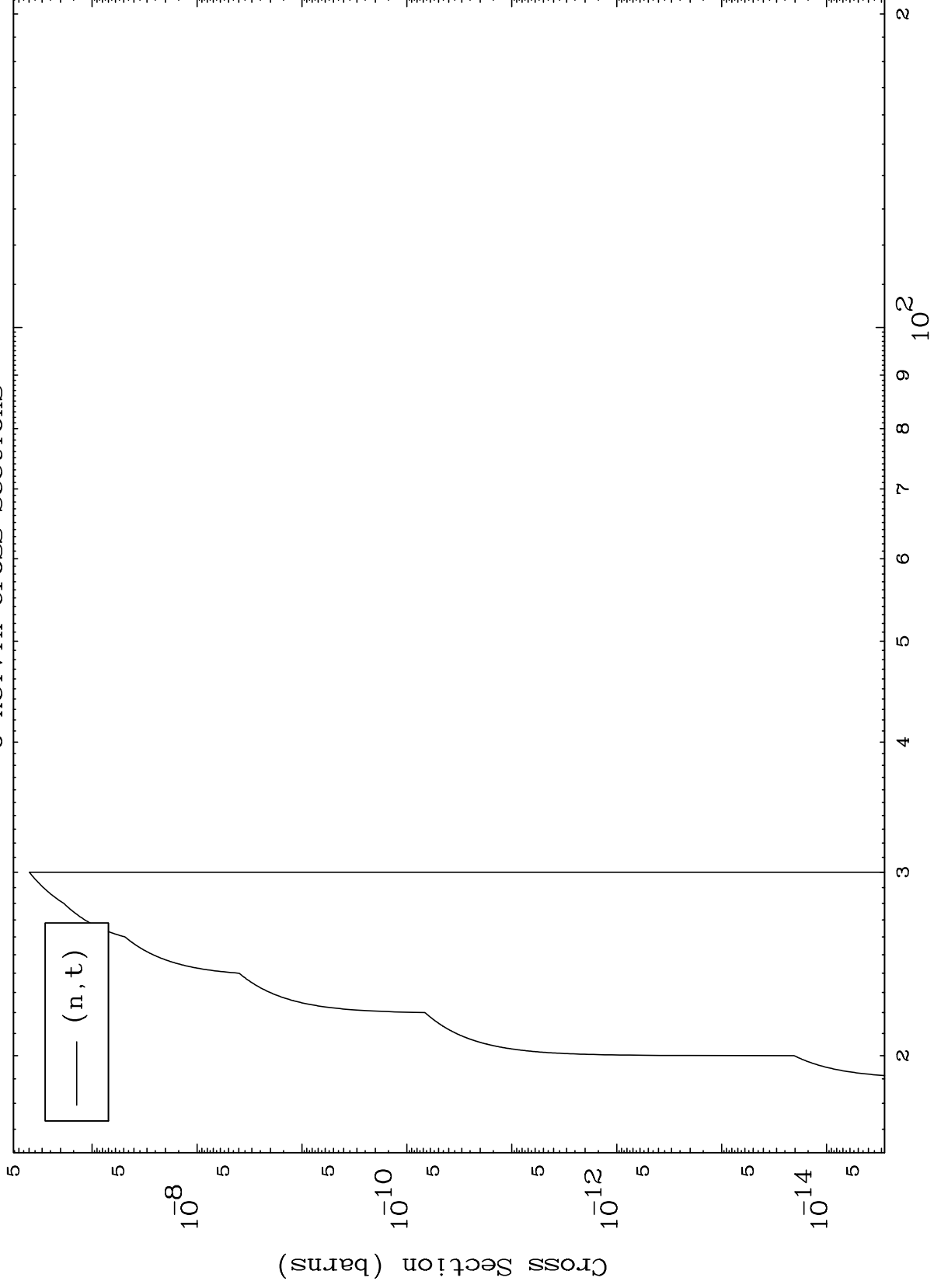
56-Ba-123



8

Incident Energy (MeV)

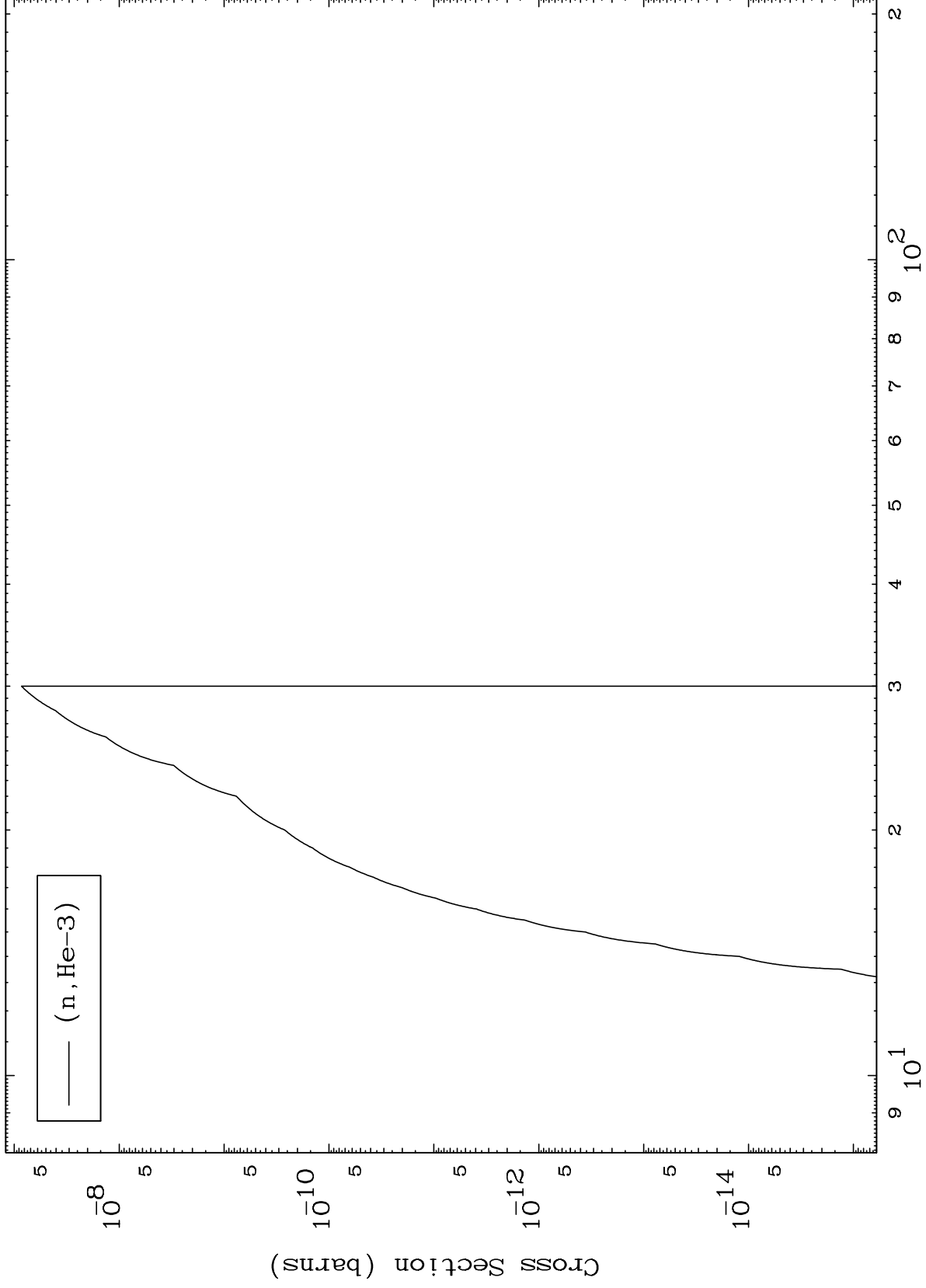
56-Ba-123



MAT 5604

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

56-Ba-123



10

Incident Energy (MeV)

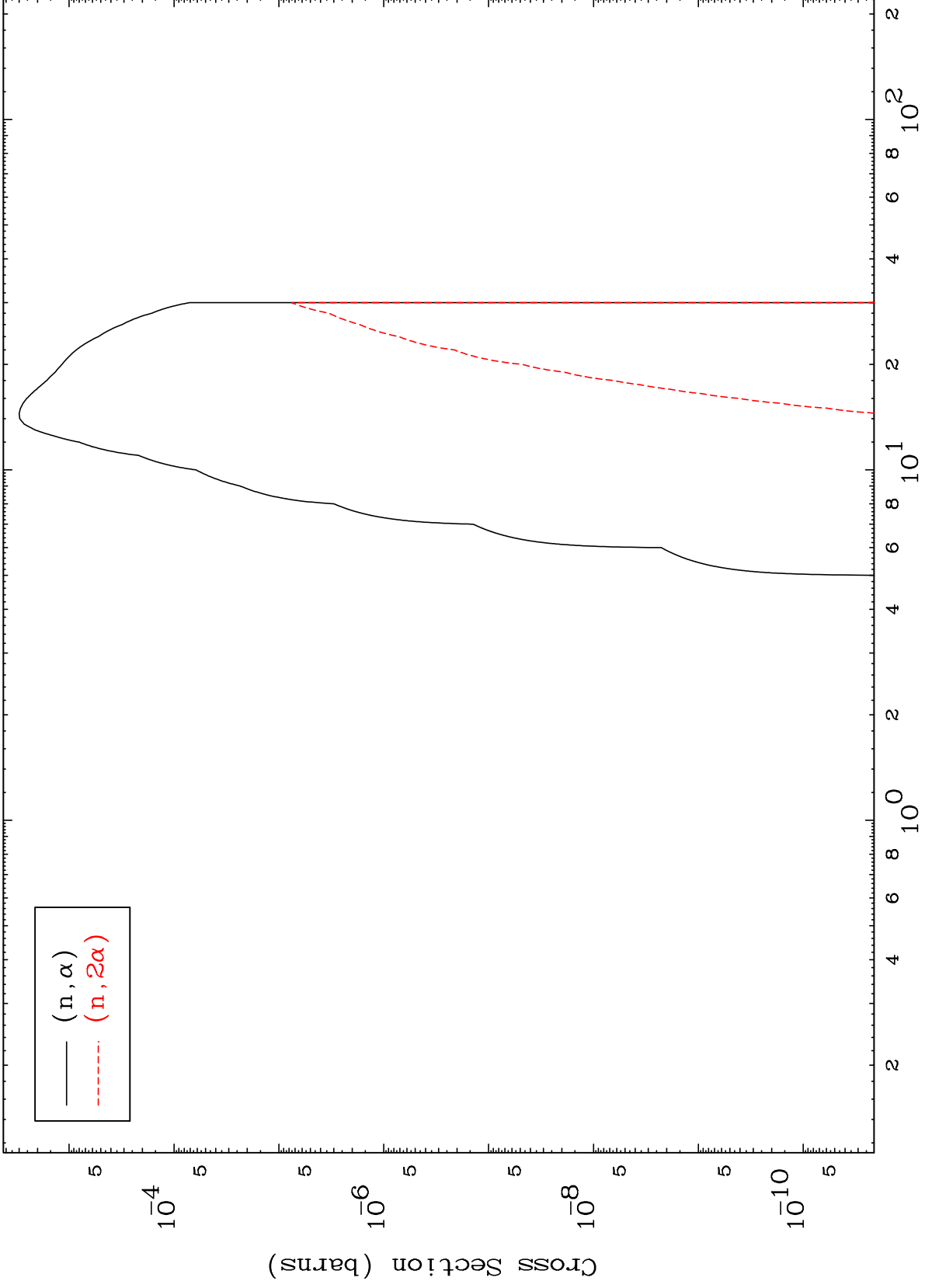
56-Ba-123

MAT 5604

(γ, α) Levels

56-Ba-123

0 Kelvin Cross Sections

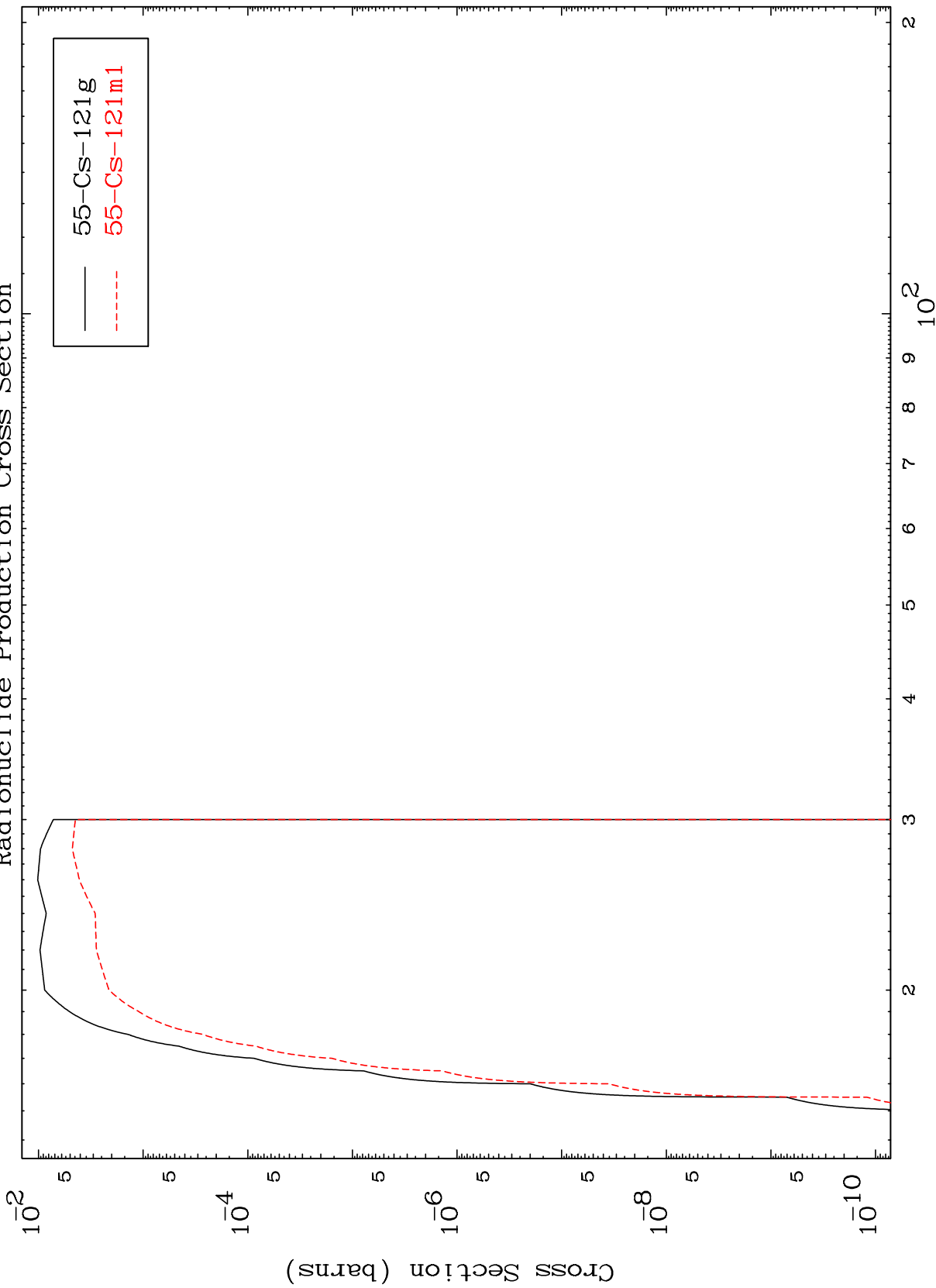


MAT 5604

(n,n') p

56-Ba-123

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

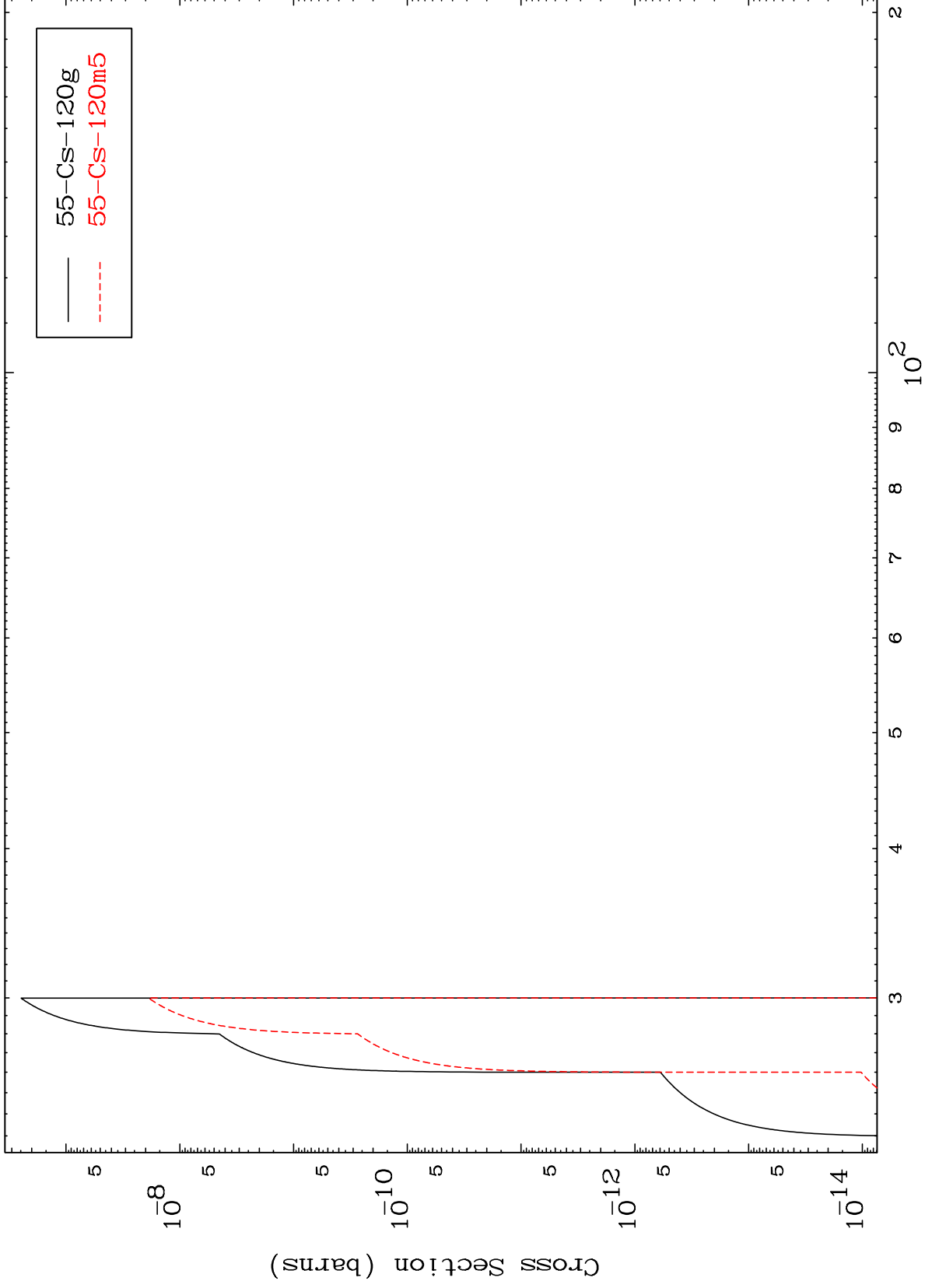
56-Ba-123

MAT 5604

(n,n') d

56-Ba-123

Radionuclide Production Cross Section



13

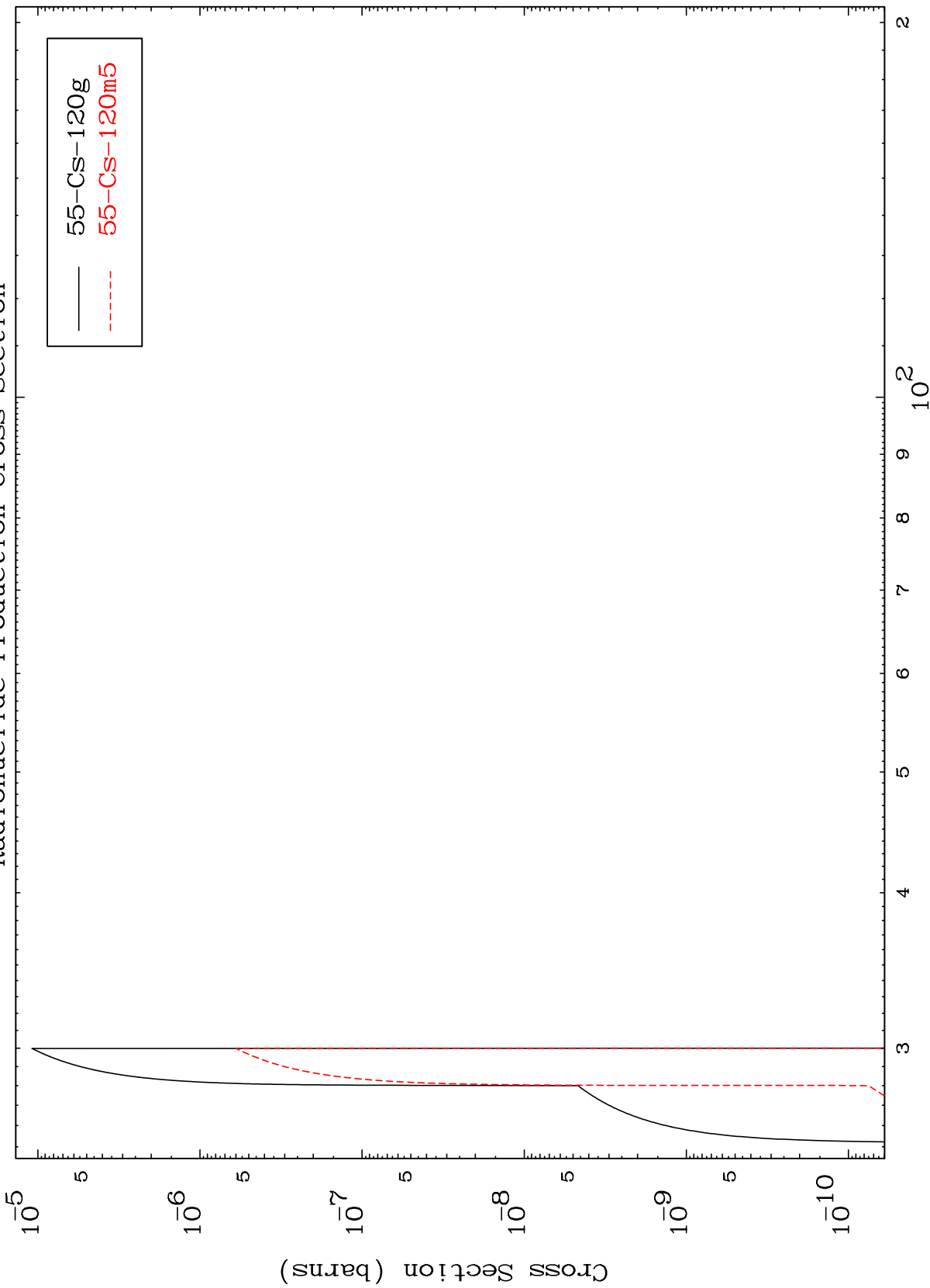
Incident Energy (MeV)

56-Ba-123

MAT 5604

56-Ba-123

(n,2n) p
Radionuclide Production Cross Section



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

56-Ba-123

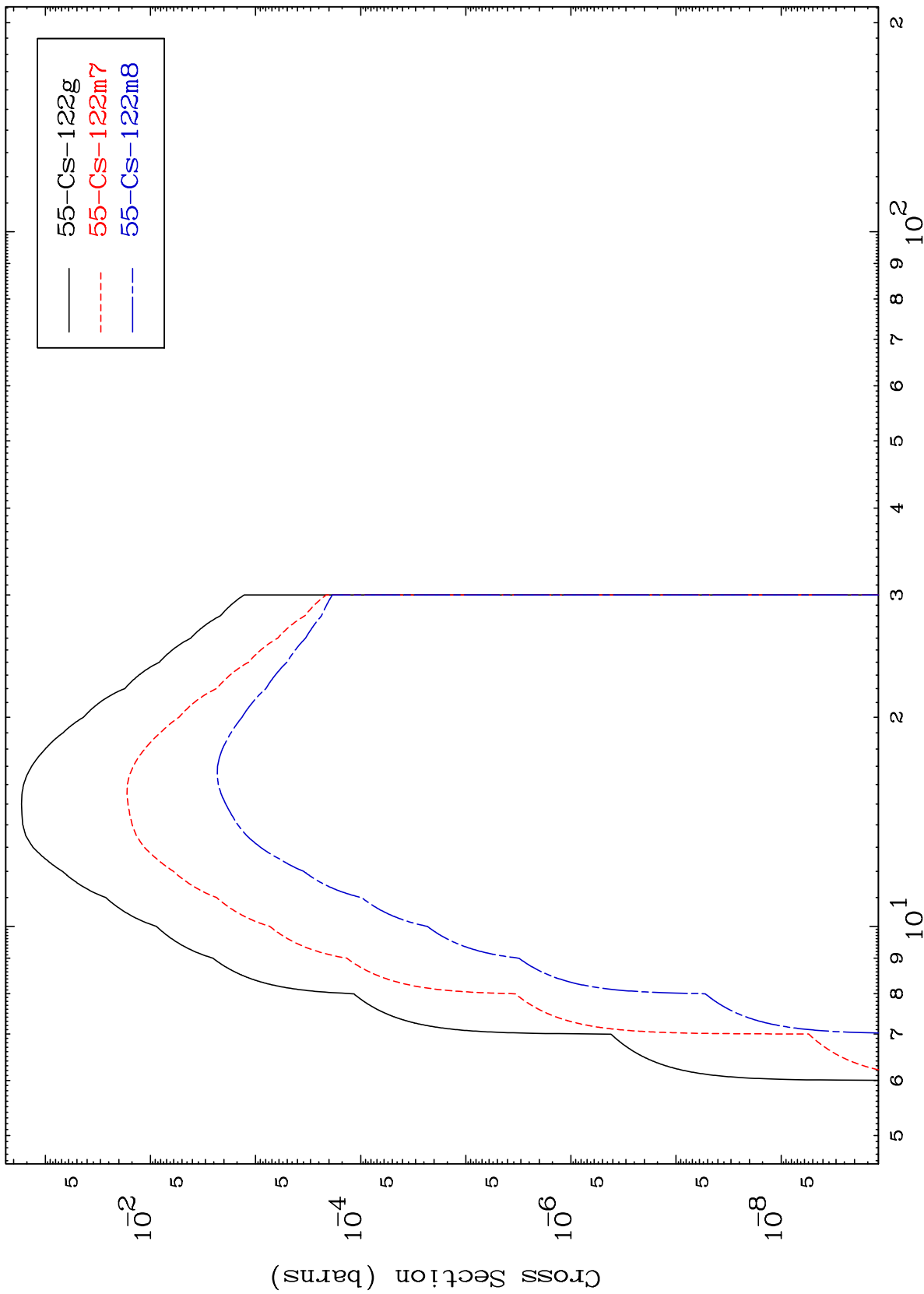
Incident Energy (MeV)

14

MAT 5604

56-Ba-123

(n,p)
Radionuclide Production Cross Section



56-Ba-123

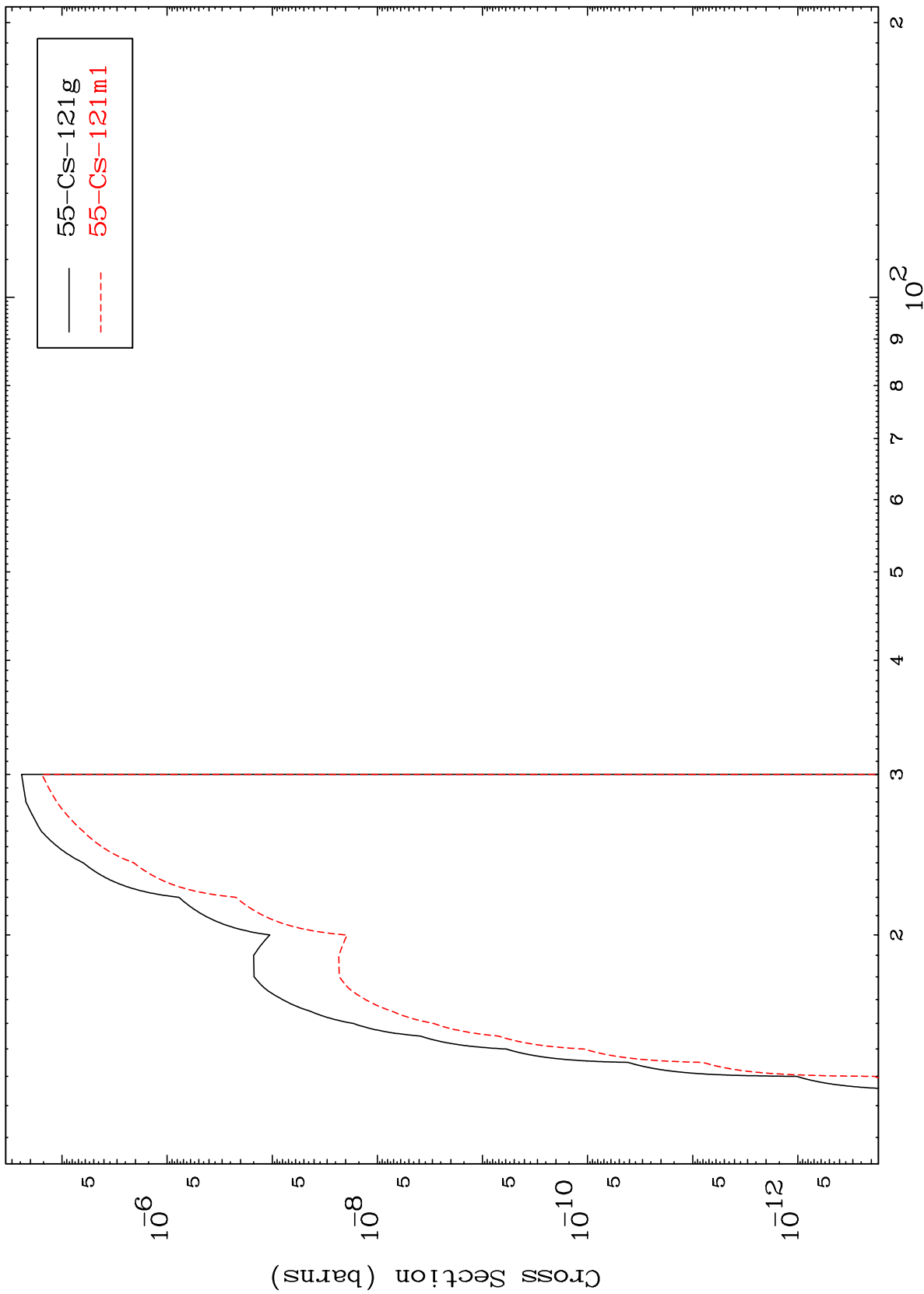
Incident Energy (MeV)

15

MAT 5604

56-Ba-123

(n,d)
Radionuclide Production Cross Section

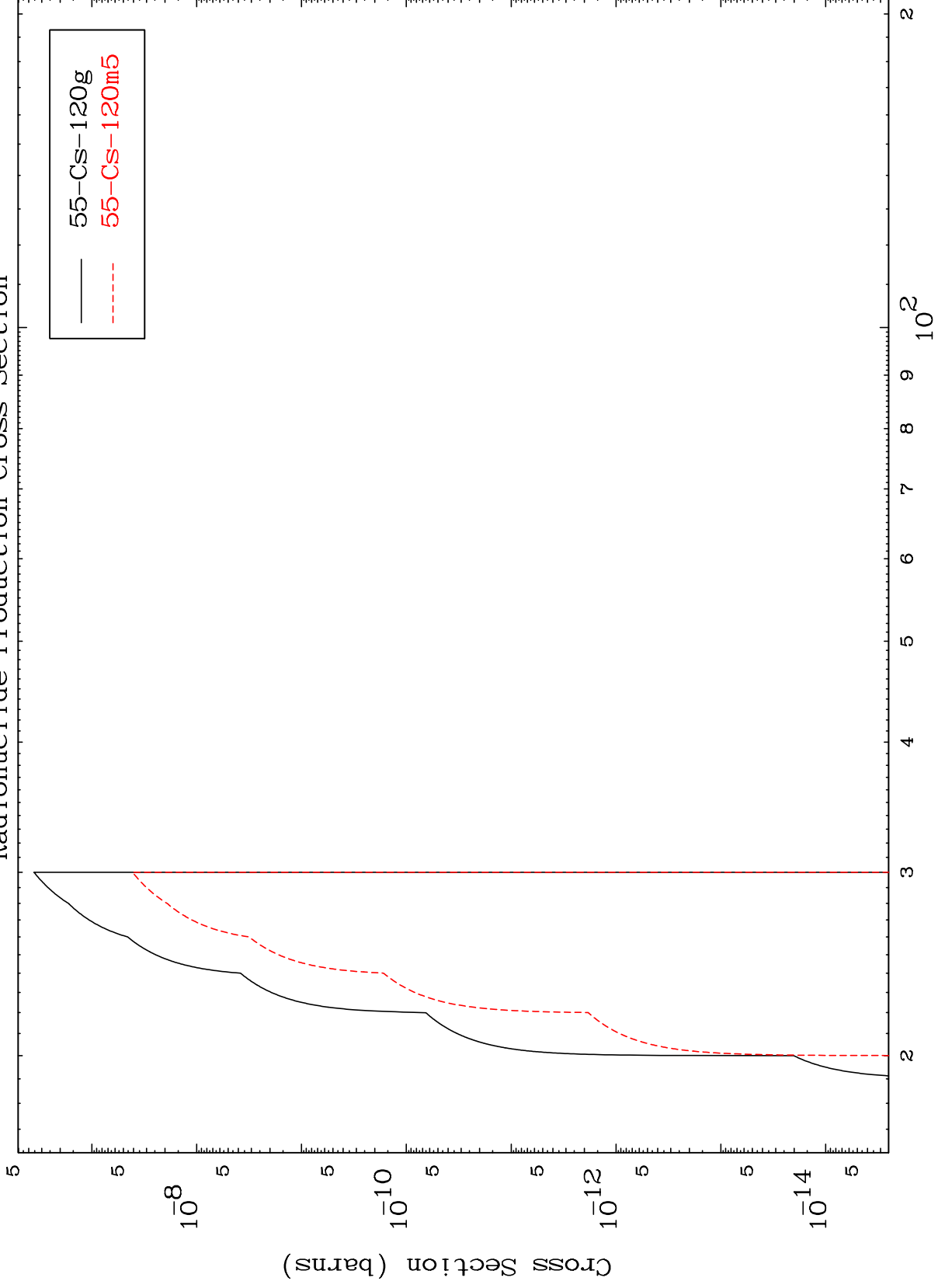


16

Incident Energy (MeV)

56-Ba-123

(n,t)
Radionuclide Production Cross Section

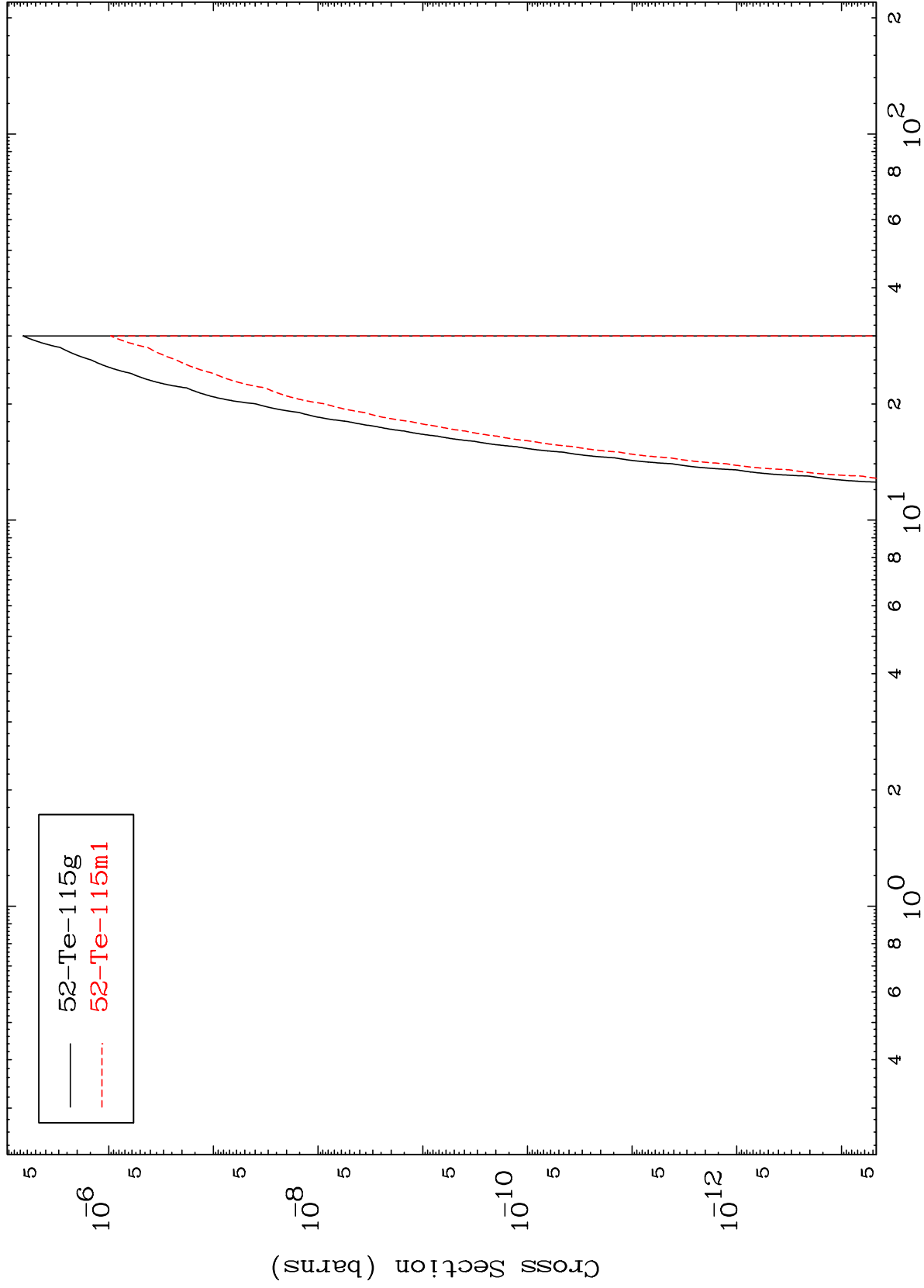


MAT 5604

(n,2α)

56-Ba-123

Radionuclide Production Cross Section



18

Incident Energy (MeV)

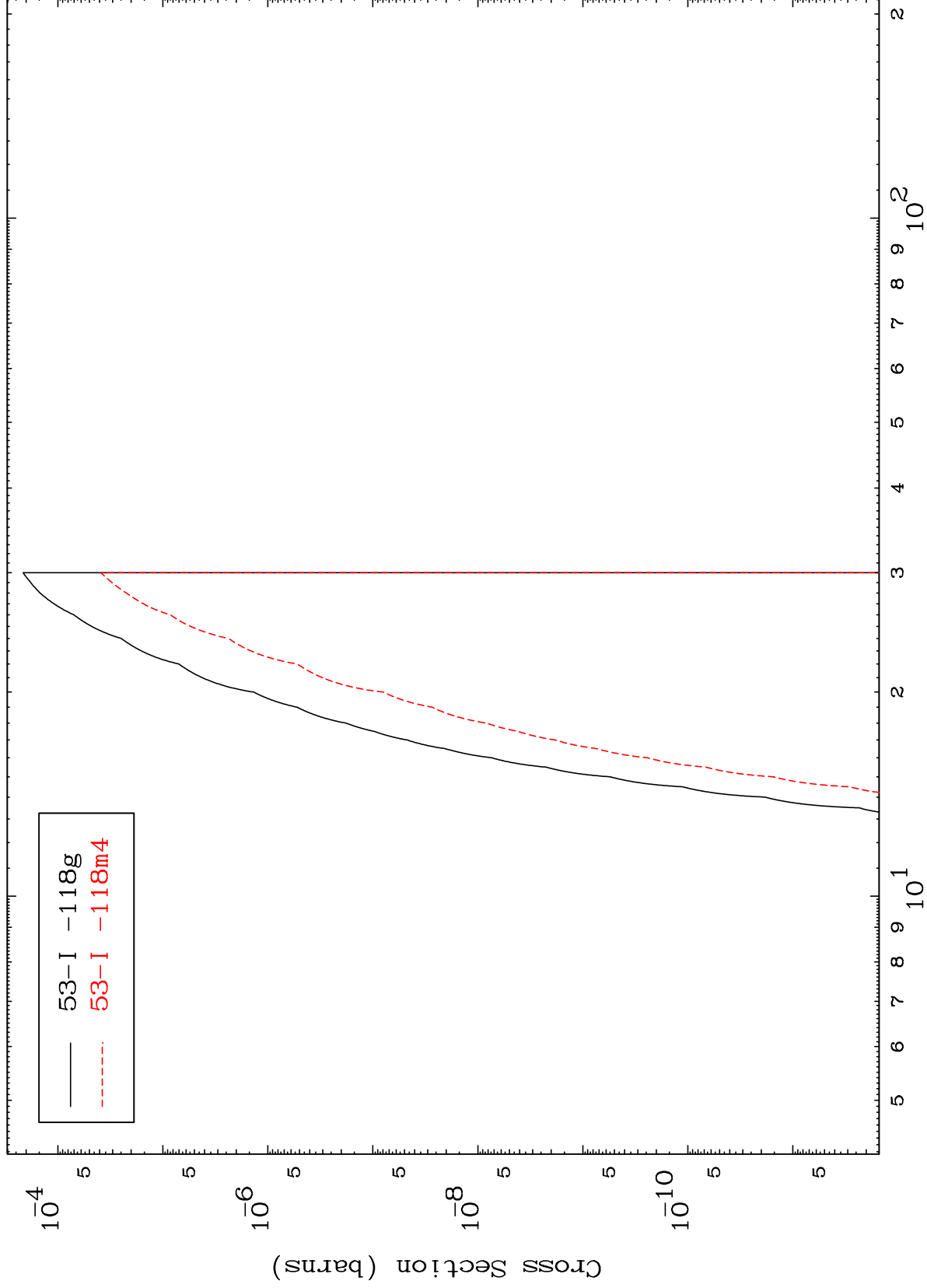
56-Ba-123

MAT 5604

(n,p) α

56-Ba-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

56-Ba-123