

Program EVALPLOT
(Version 2021-1)

by

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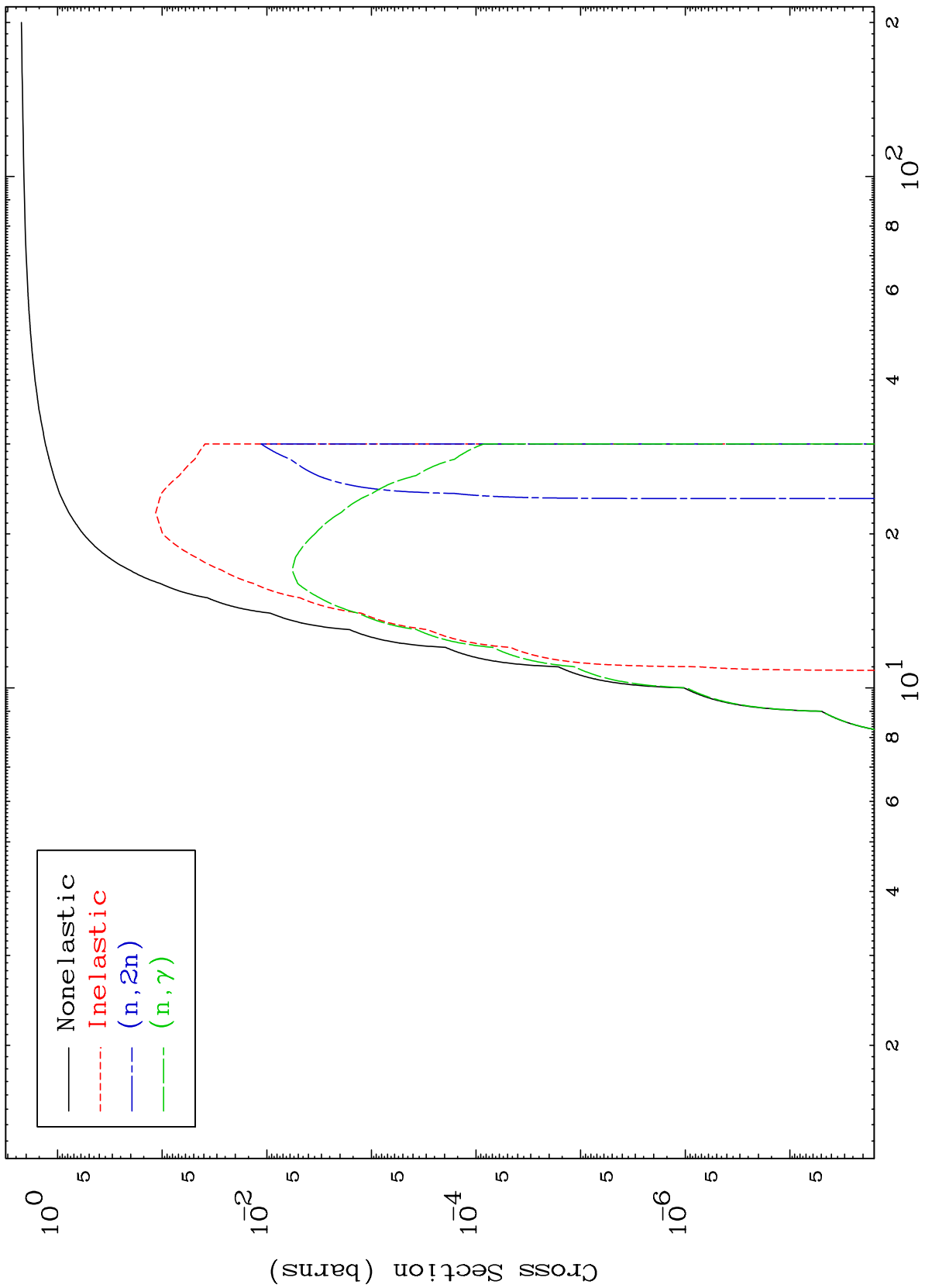
Press Mouse Button to Start

MAT 5604

0 Kelvin

Major Cross Sections

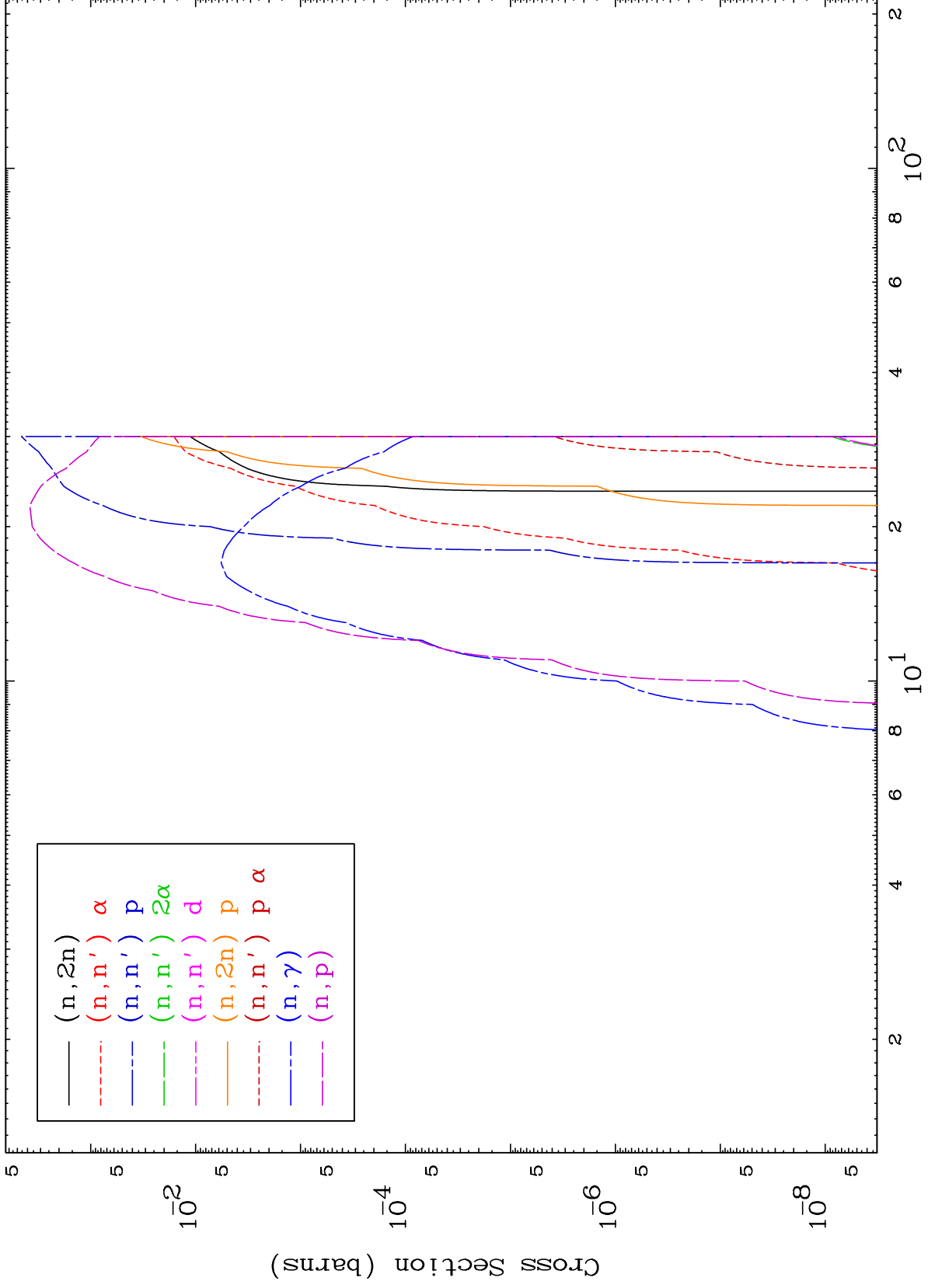
56-Ba-123



1

Incident Energy (MeV)

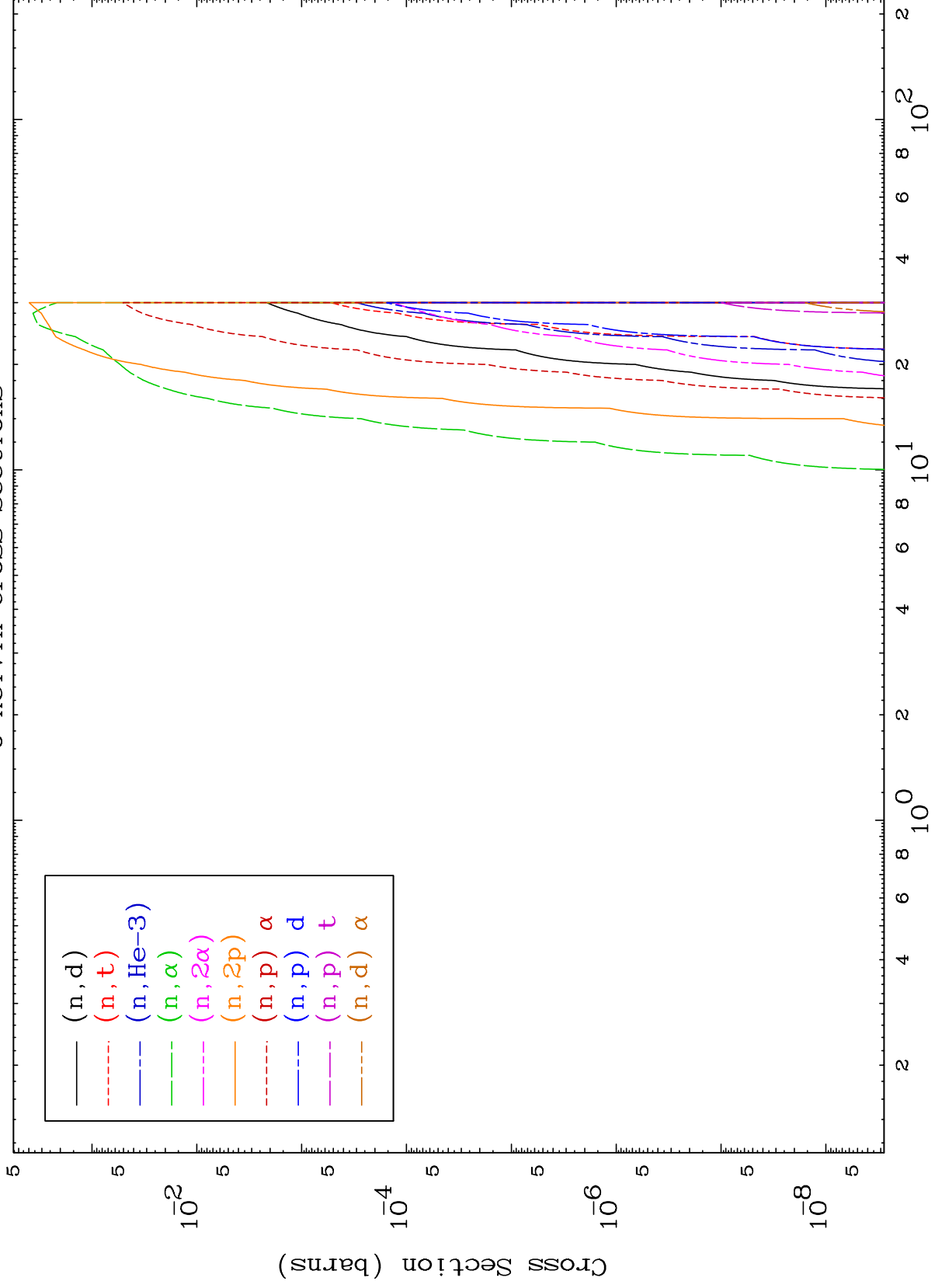
56-Ba-123

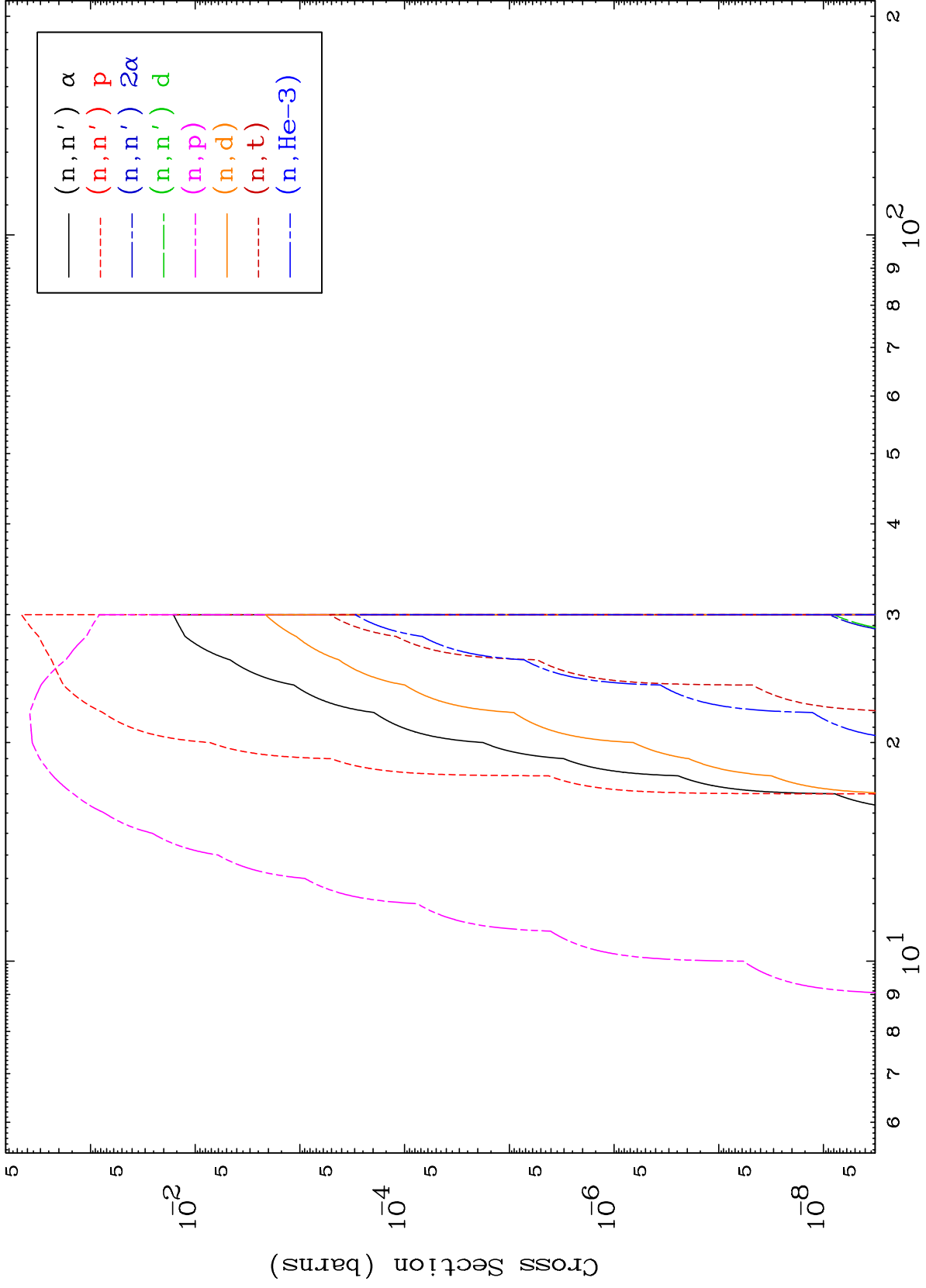


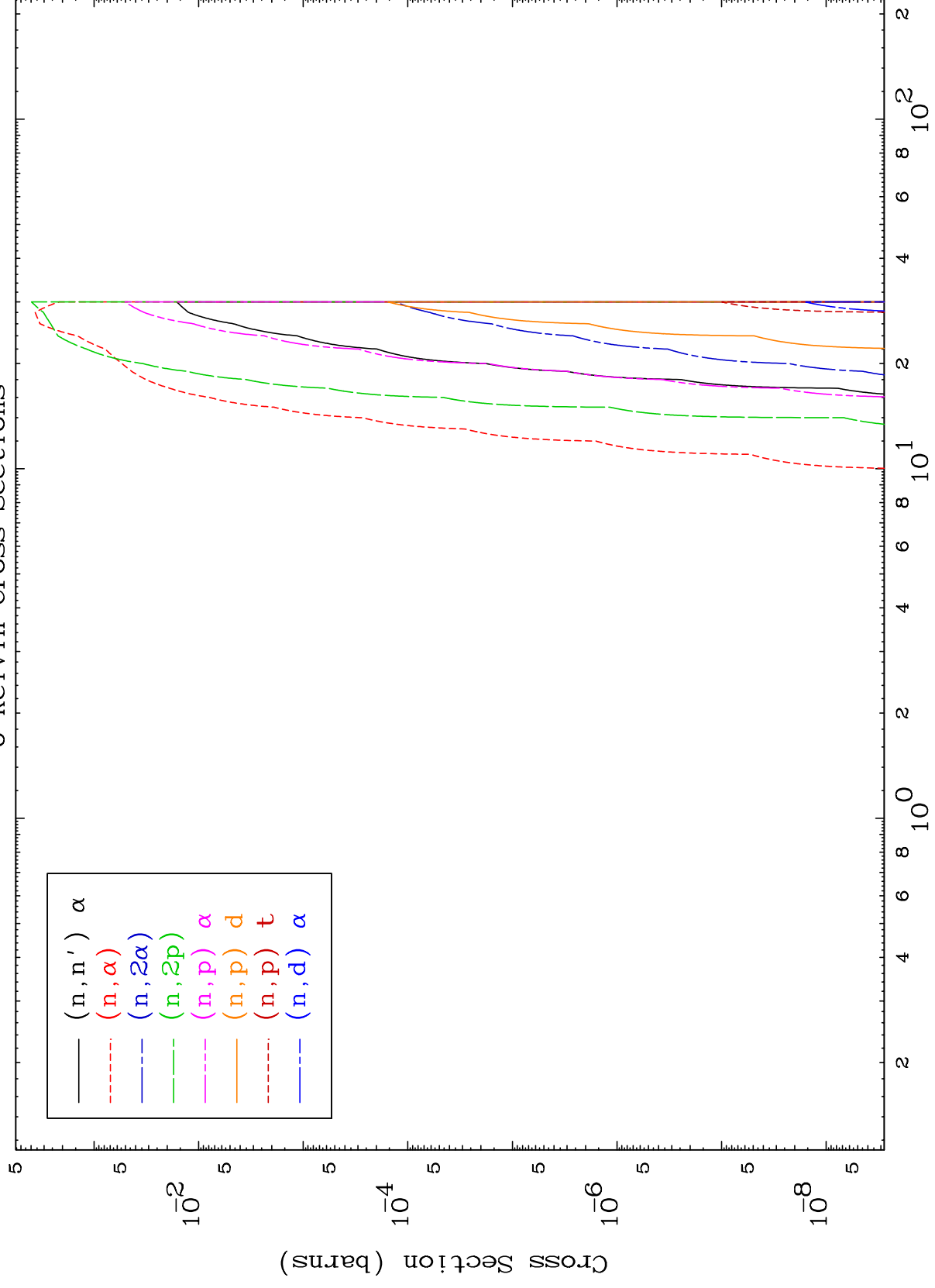
MAT 5604

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-123



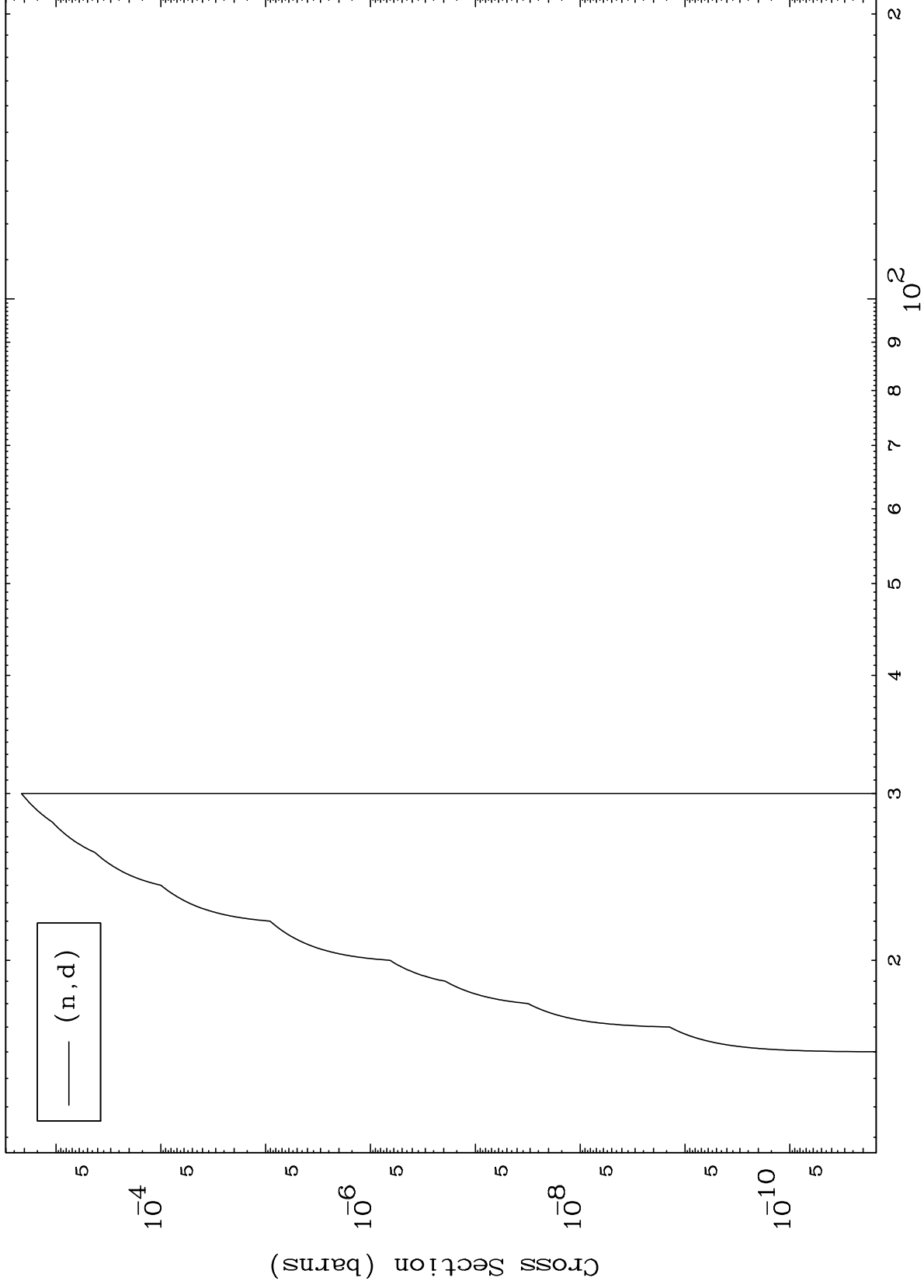




MAT 5604

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-123



7

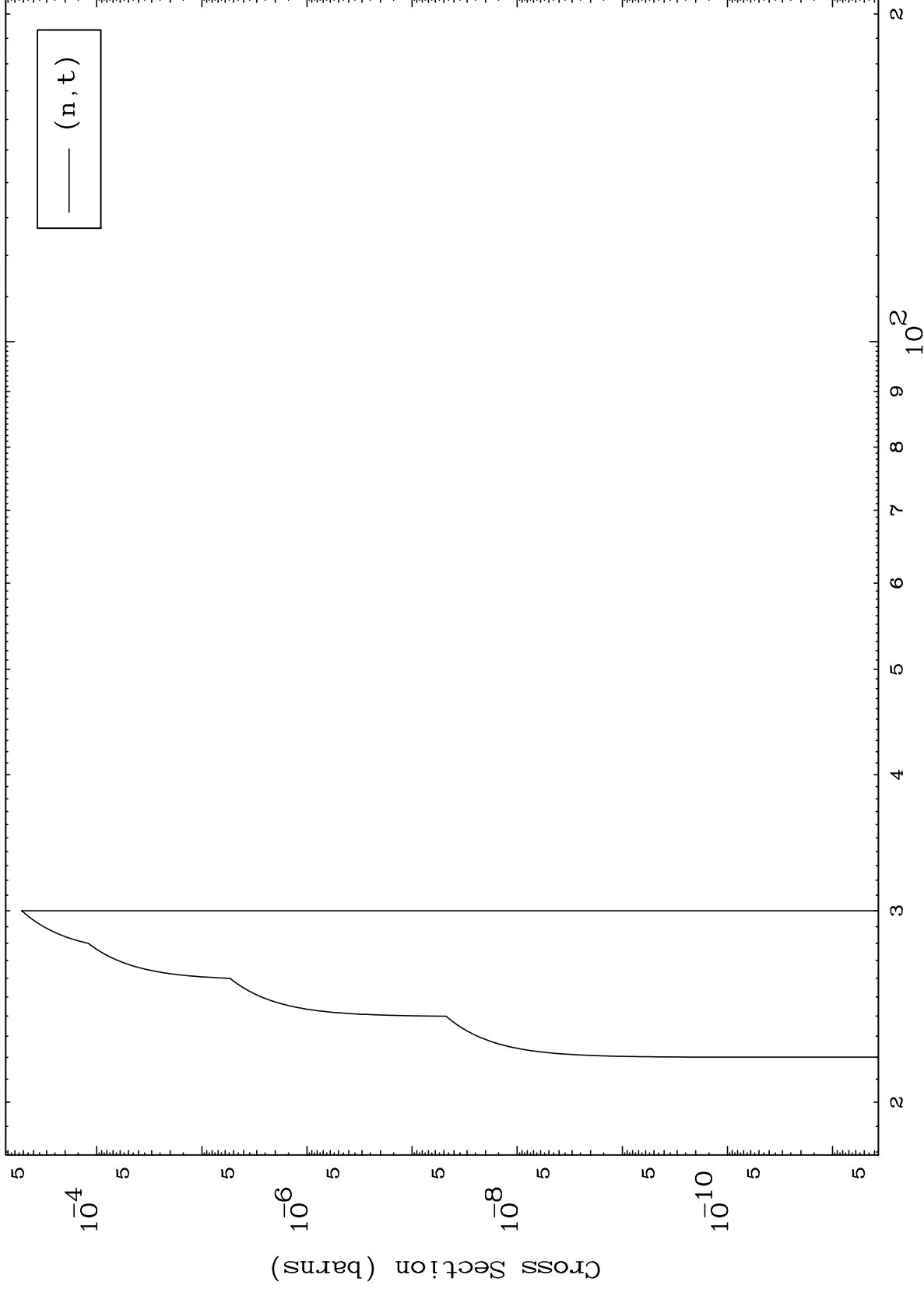
Incident Energy (MeV)

56-Ba-123

MAT 5604

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-123



8

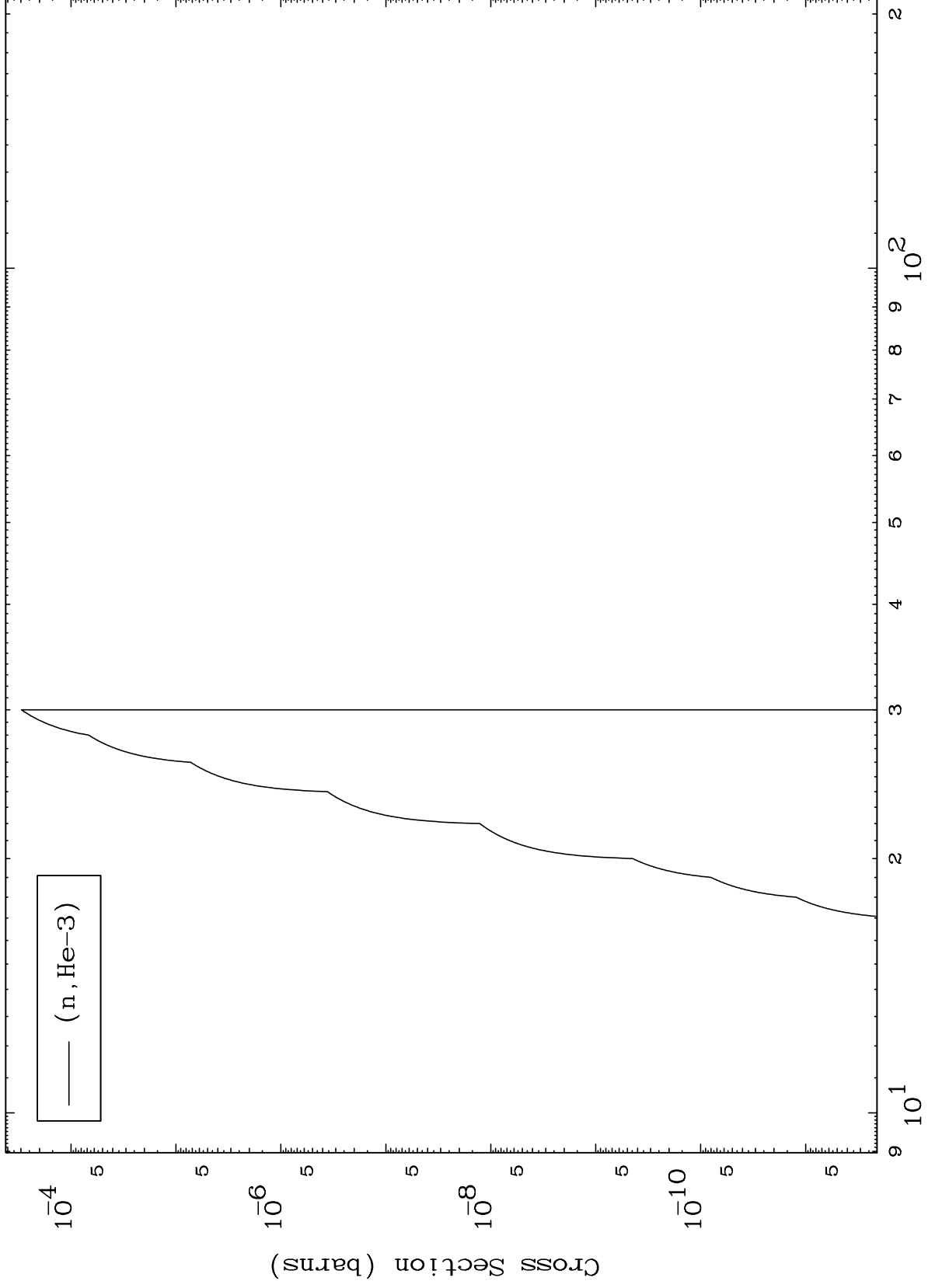
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



9

Incident Energy (MeV)

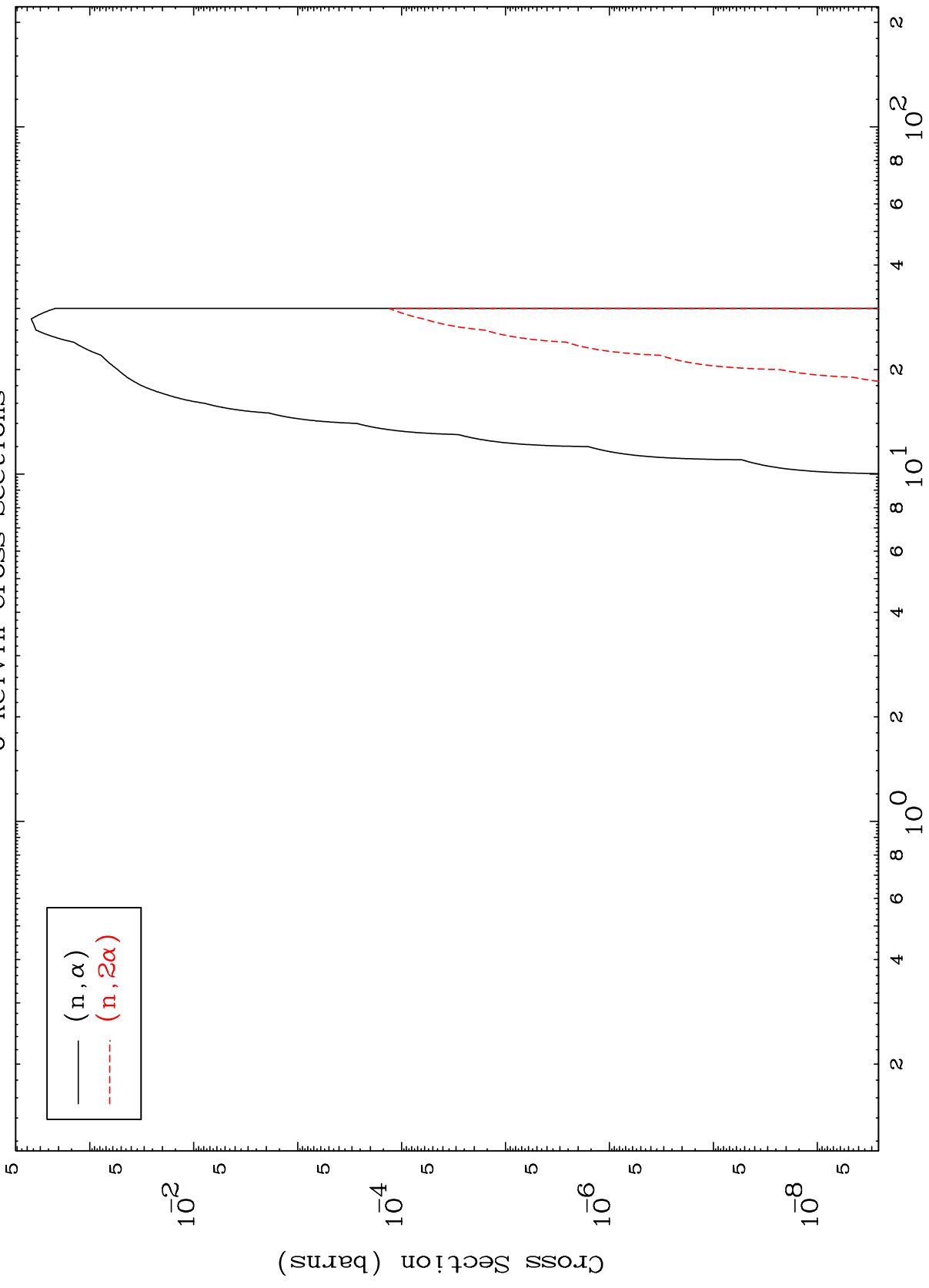
56-Ba-123

MAT 5604

(α, α) Levels

56-Ba-123

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

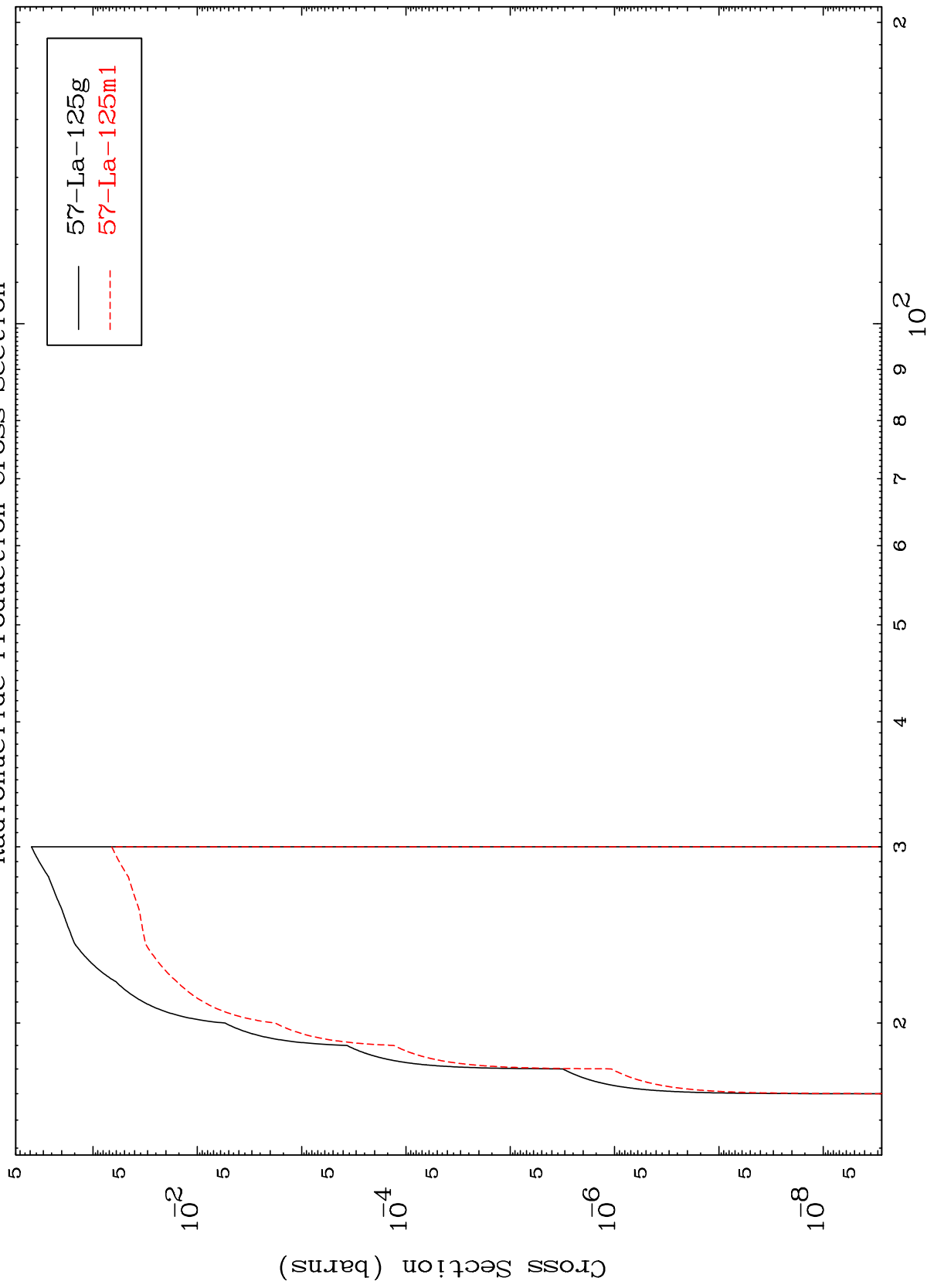
Incident Energy (MeV)

56-Ba-123

MAT 5604

56-Ba-123

(n, n') p
Radionuclide Production Cross Section



56-Ba-123

Incident Energy (MeV)

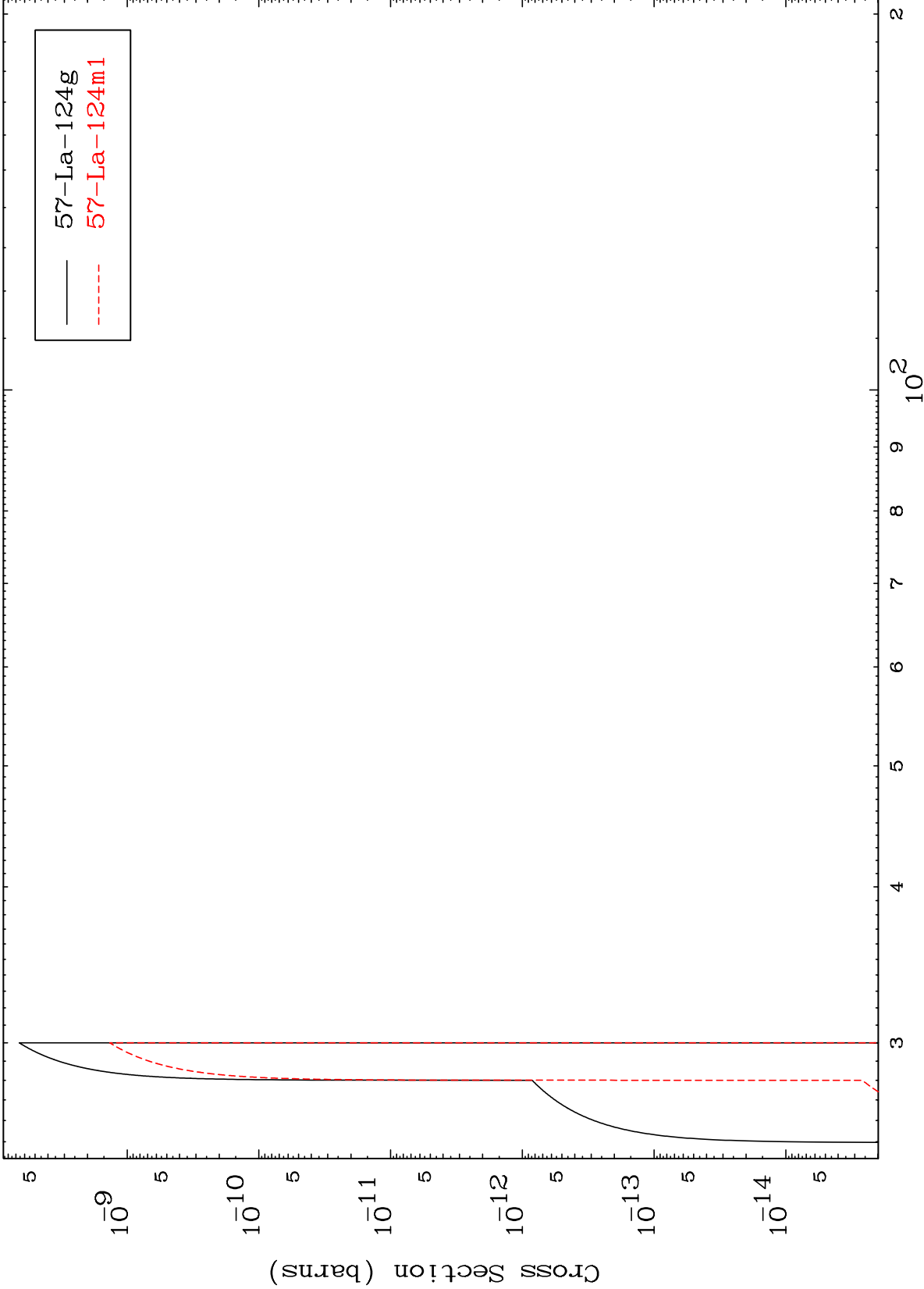
11

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(n,n') d

56-Ba-123

Radionuclide Production Cross Section



57-La-124g
57-La-124m1

12

Incident Energy (MeV)

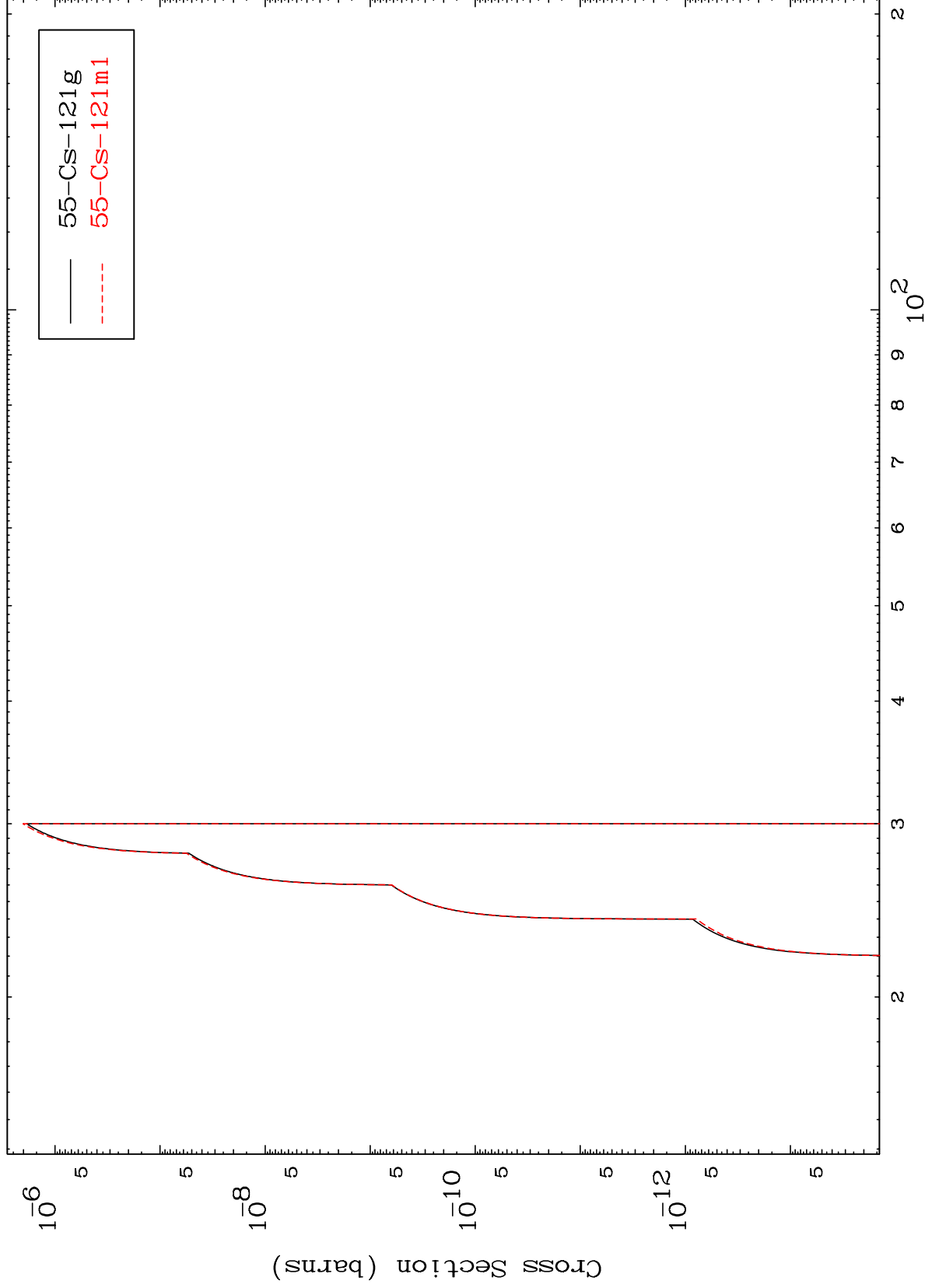
56-Ba-123

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(n,n') p α

56-Ba-123

Radionuclide Production Cross Section



13

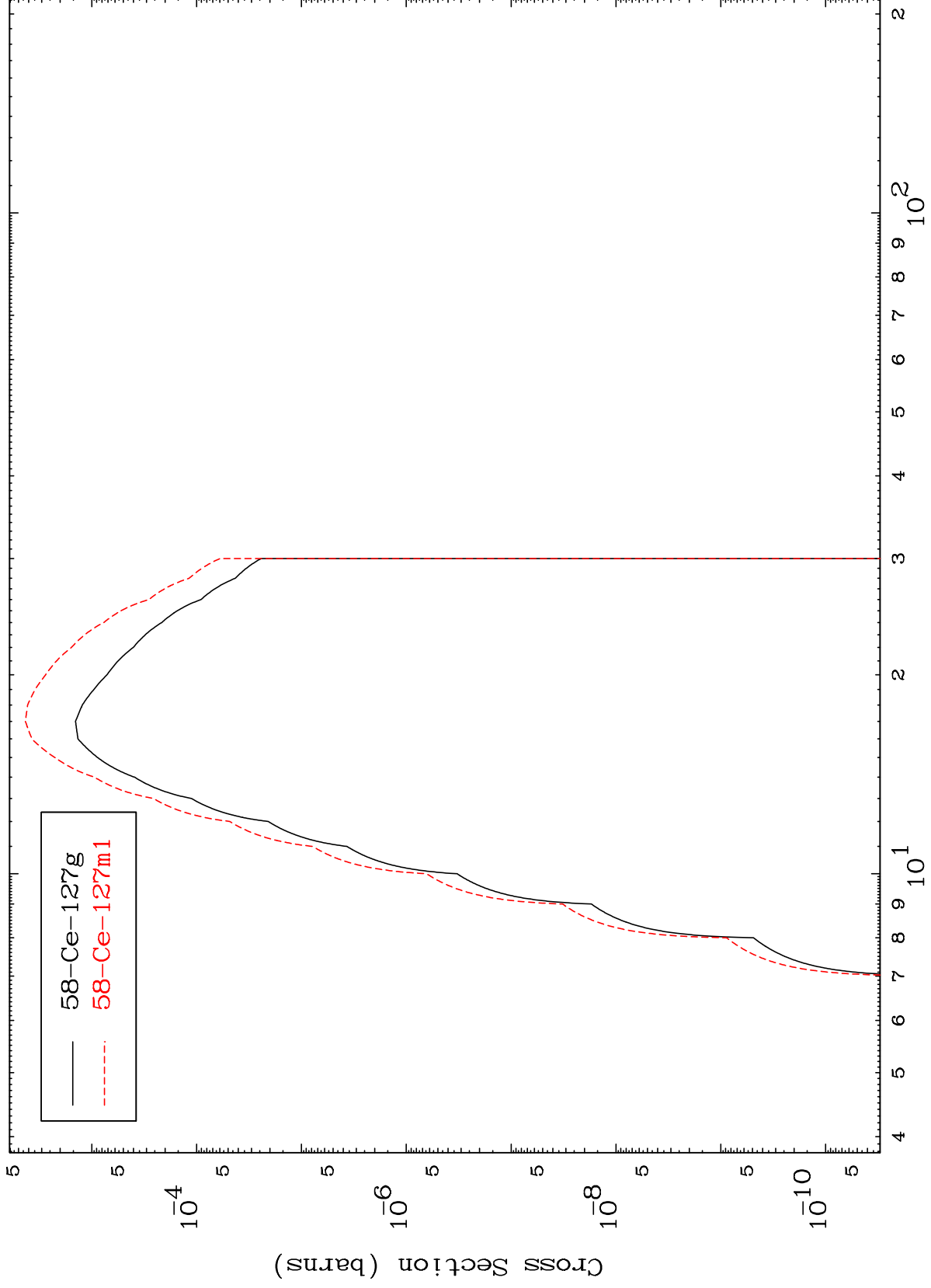
Incident Energy (MeV)

56-Ba-123

MAT 5604

56-Ba-123

Radionuclide Production Cross Section
(n, γ)



58-Ce-127g
58-Ce-127m1

56-Ba-123

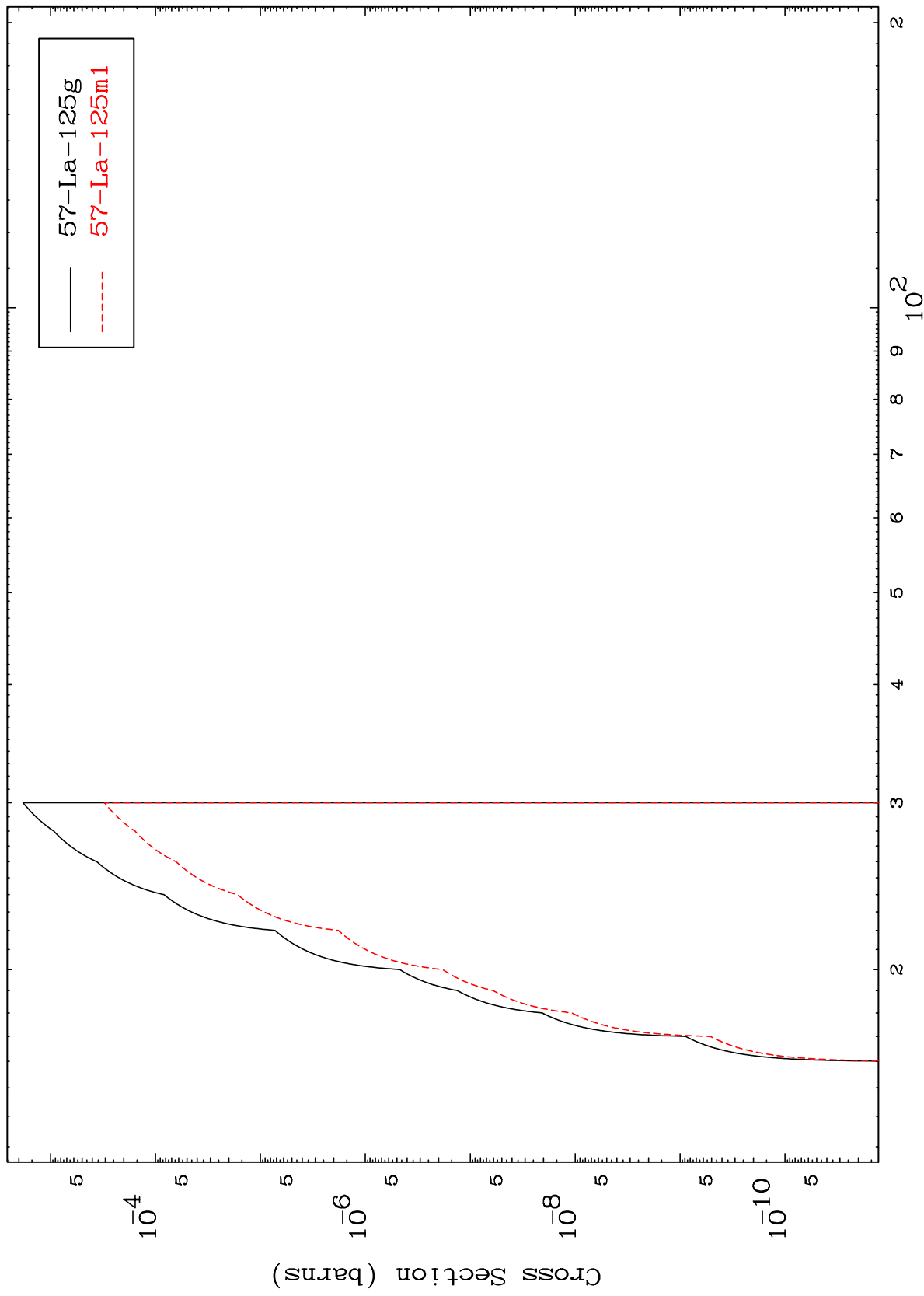
Incident Energy (MeV)

14

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56-Ba-123

(n,d)
Radionuclide Production Cross Section



15

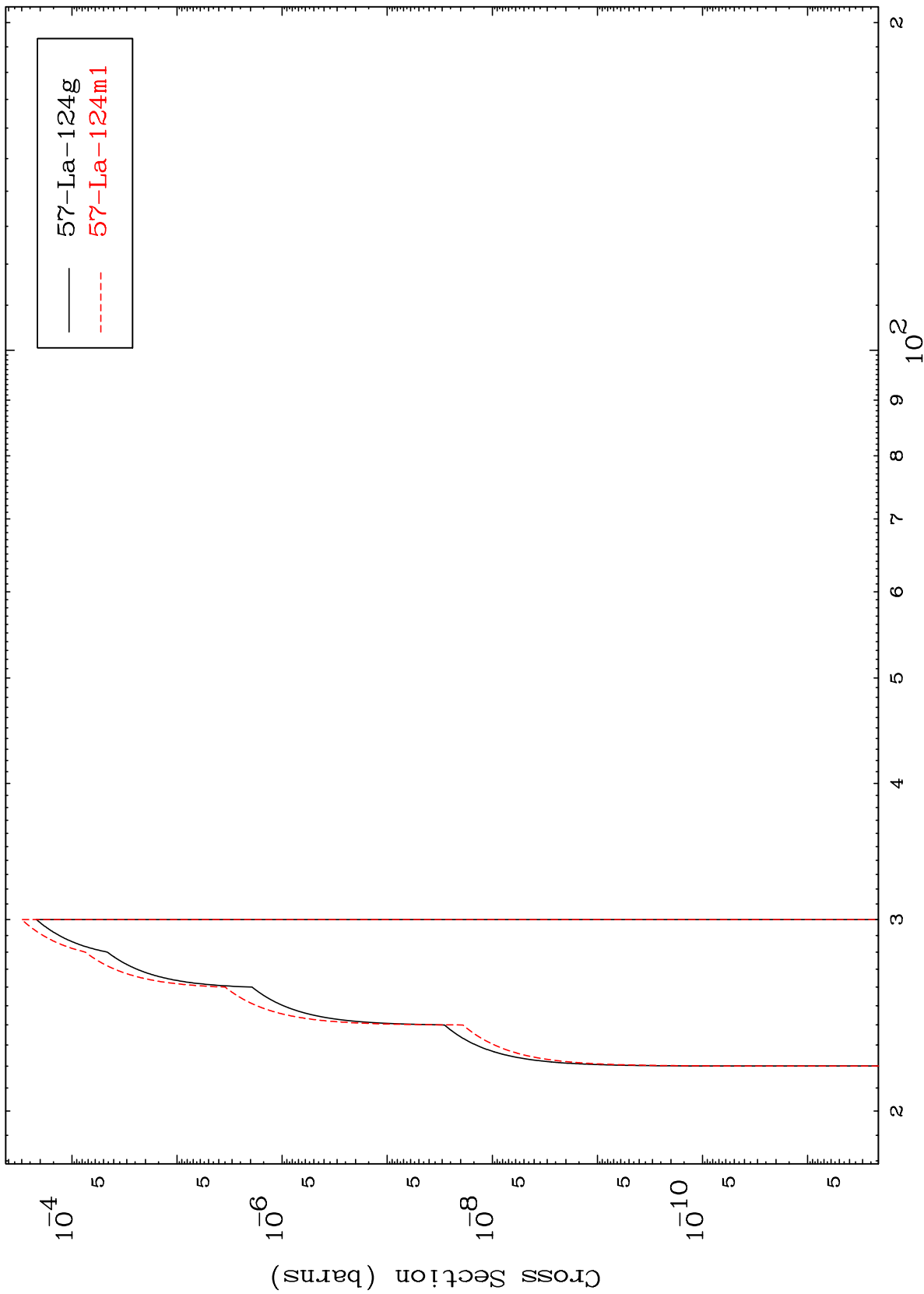
Incident Energy (MeV)

56-Ba-123

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56-Ba-123

(n,t)
Radionuclide Production Cross Section



56-Ba-123

Incident Energy (MeV)

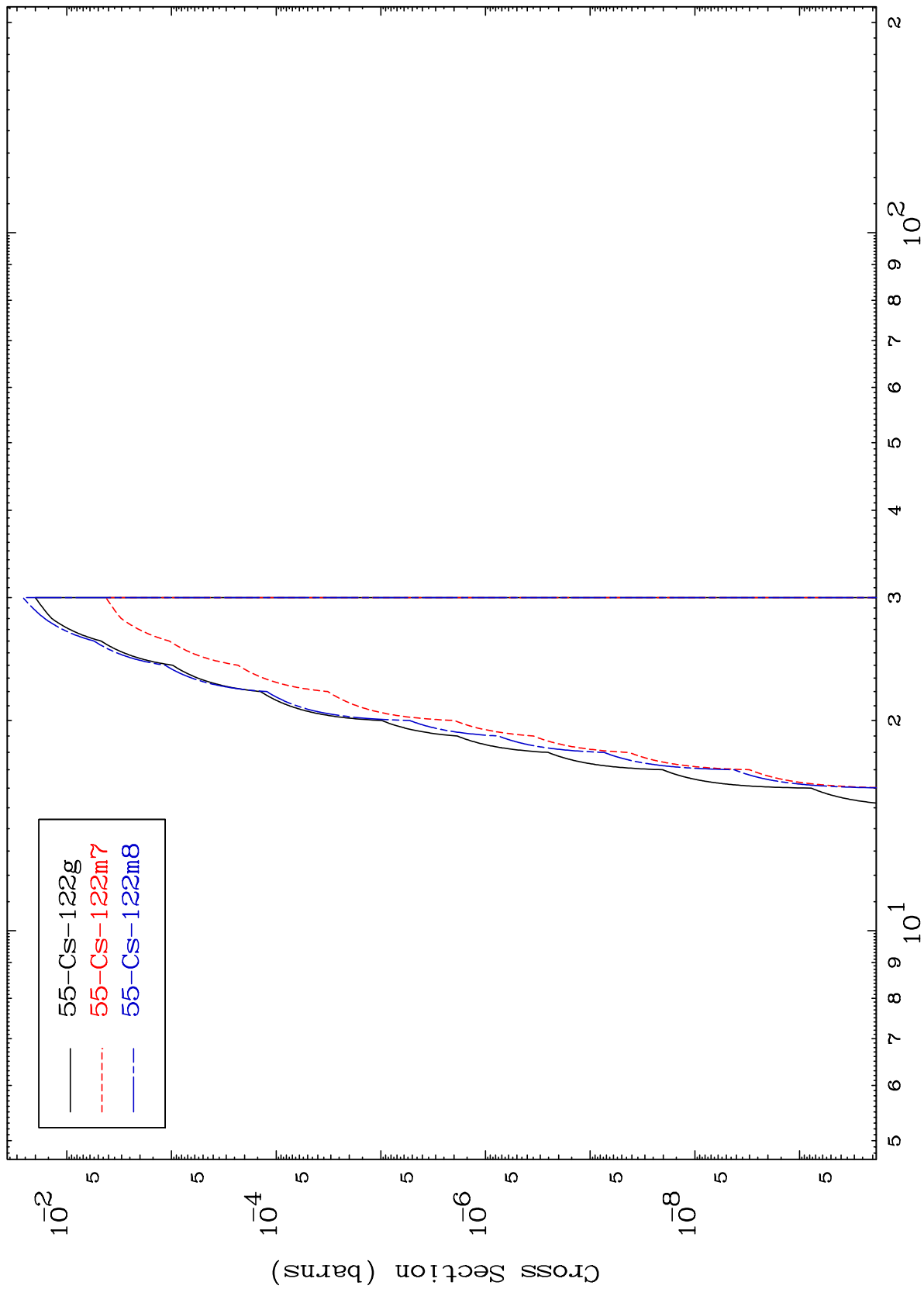
16

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(n,p) α

56-Ba-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

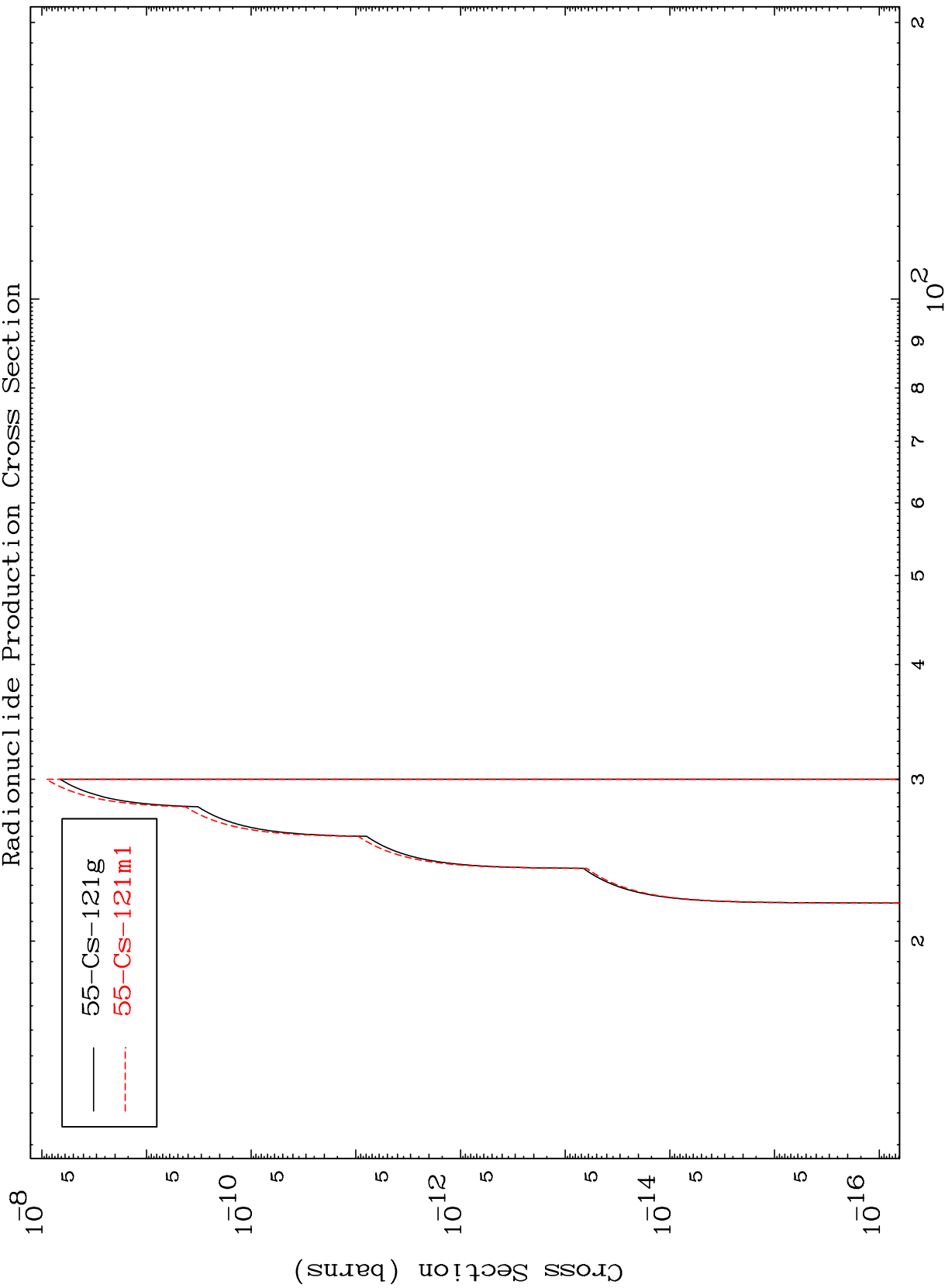
56-Ba-123

MAT 5604

56-Ba-123

(n,d) α

Radionuclide Production Cross Section



18

Incident Energy (MeV)

56-Ba-123