

Program EVALPLOT
(Version 2021-1)

by

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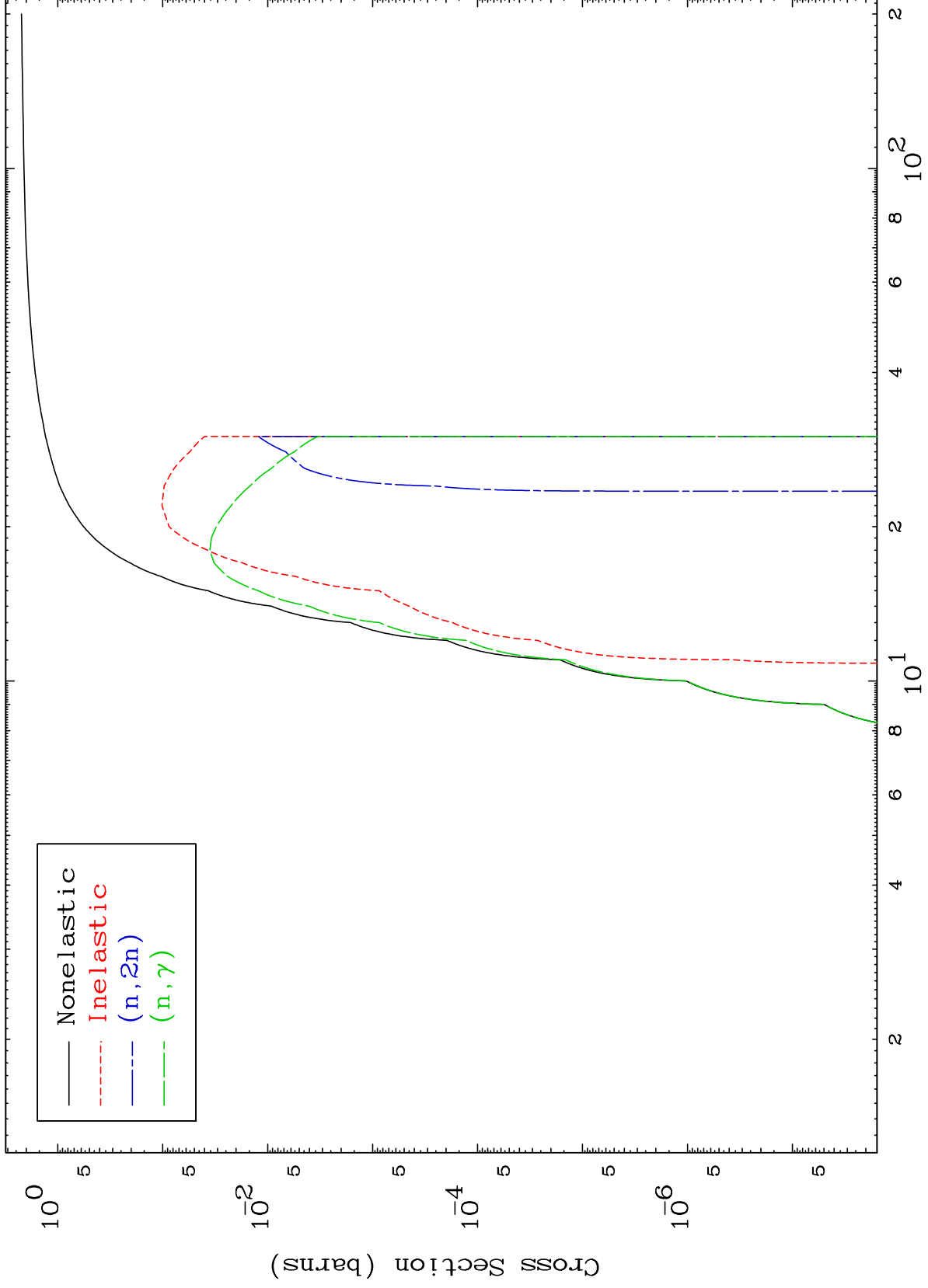
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5604

0 Kelvin Cross Sections

56-Ba-123



1

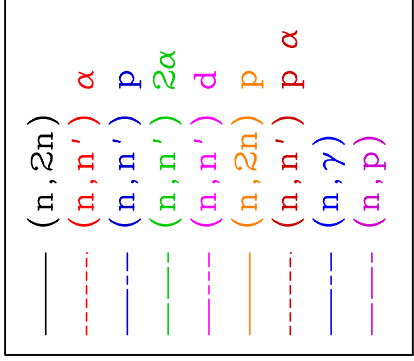
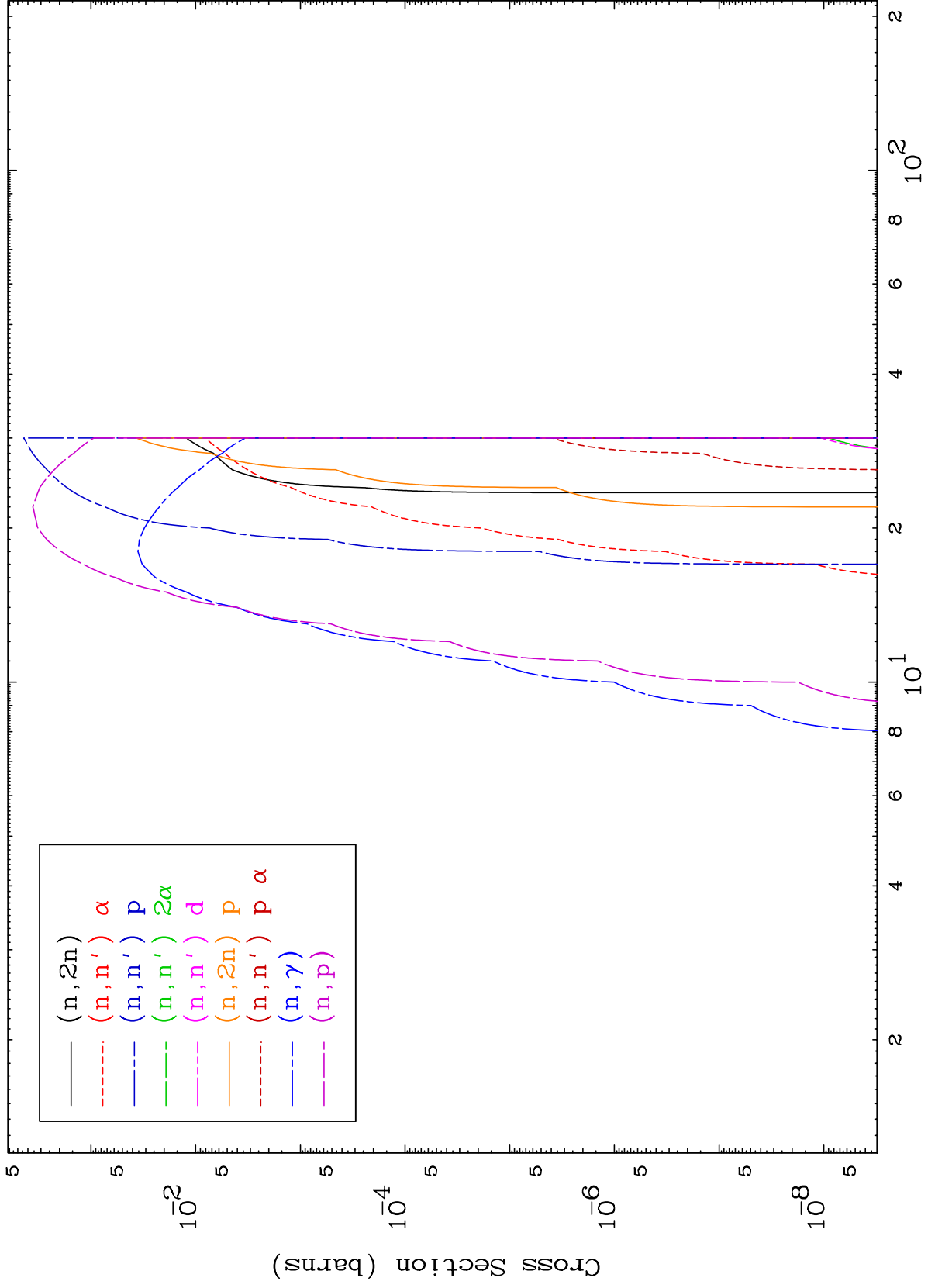
Incident Energy (MeV)

56-Ba-123

MAT 5604

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-123



2

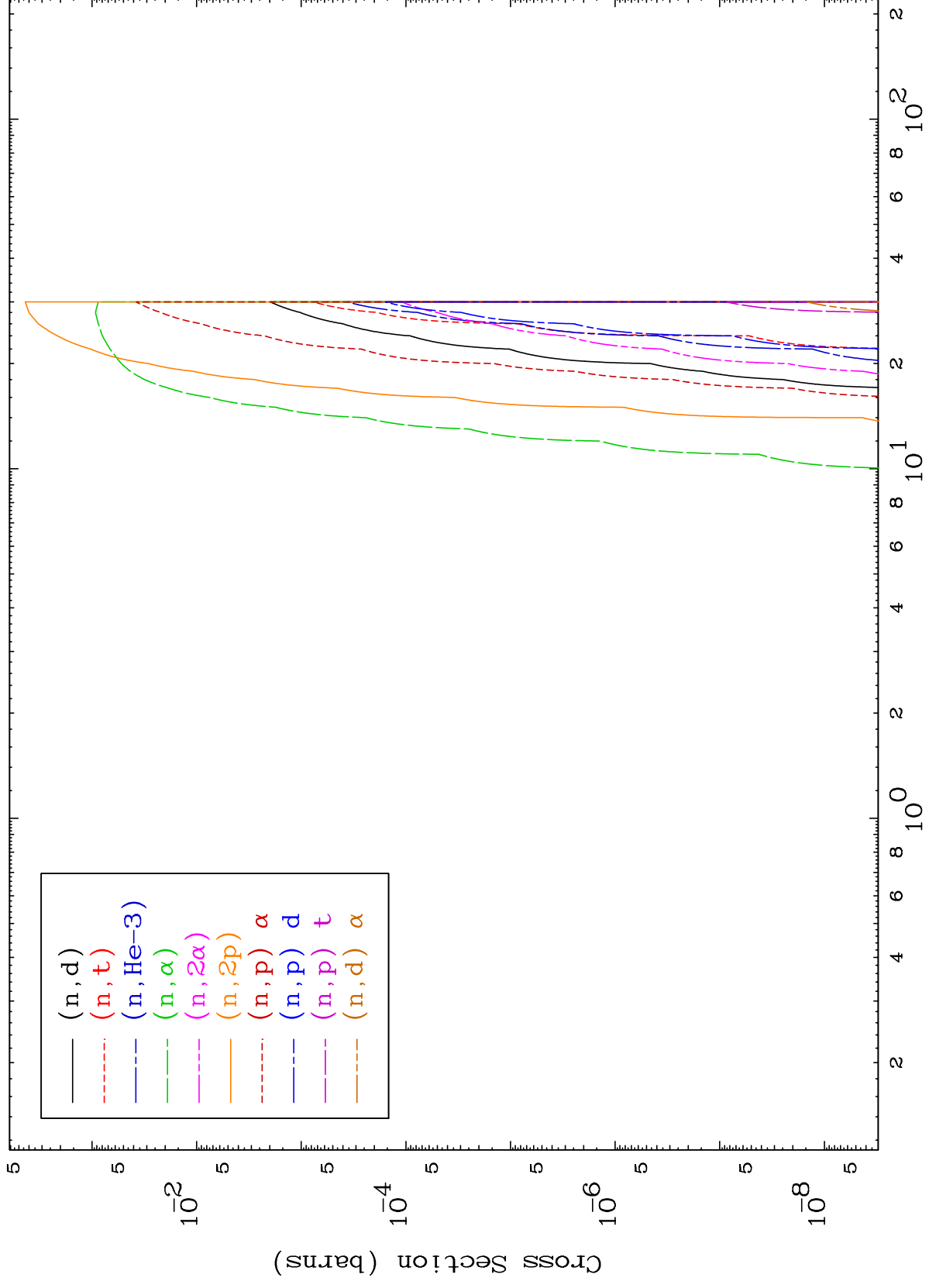
Incident Energy (MeV)

56-Ba-123

MAT 5604

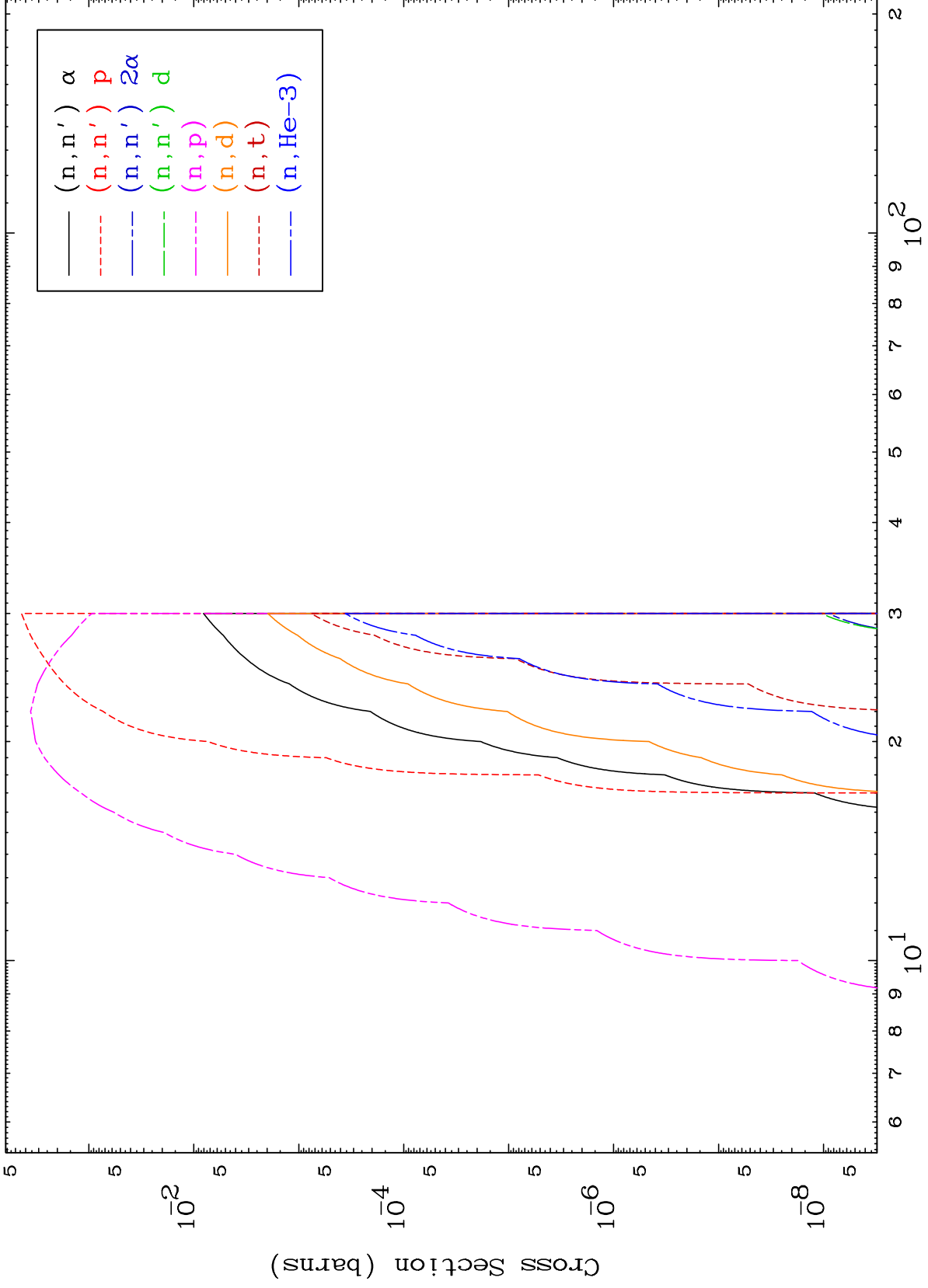
α Neutron Absorption
0 Kelvin Cross Sections

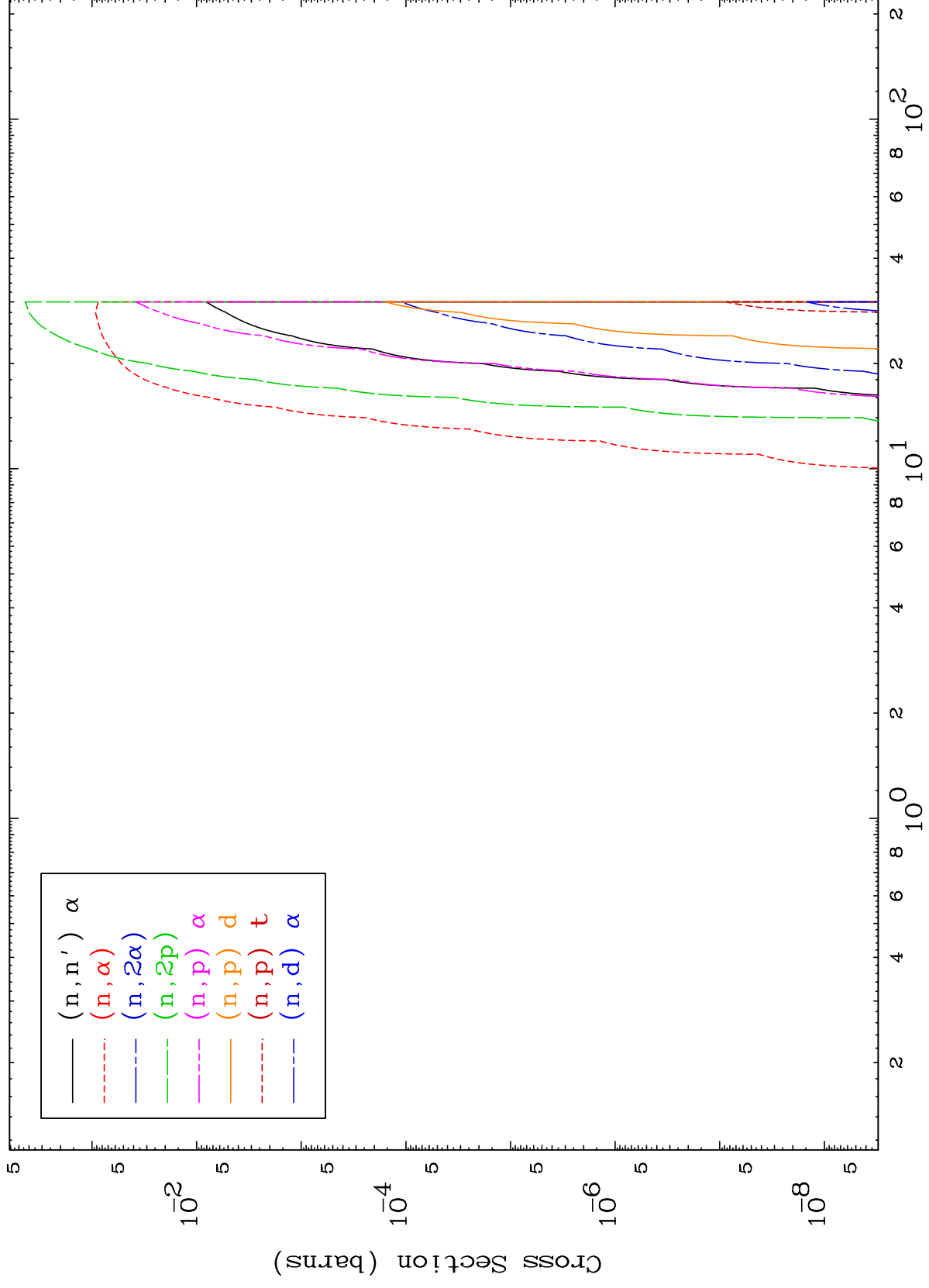
56-Ba-123



Incident Energy (MeV)

56-Ba-123

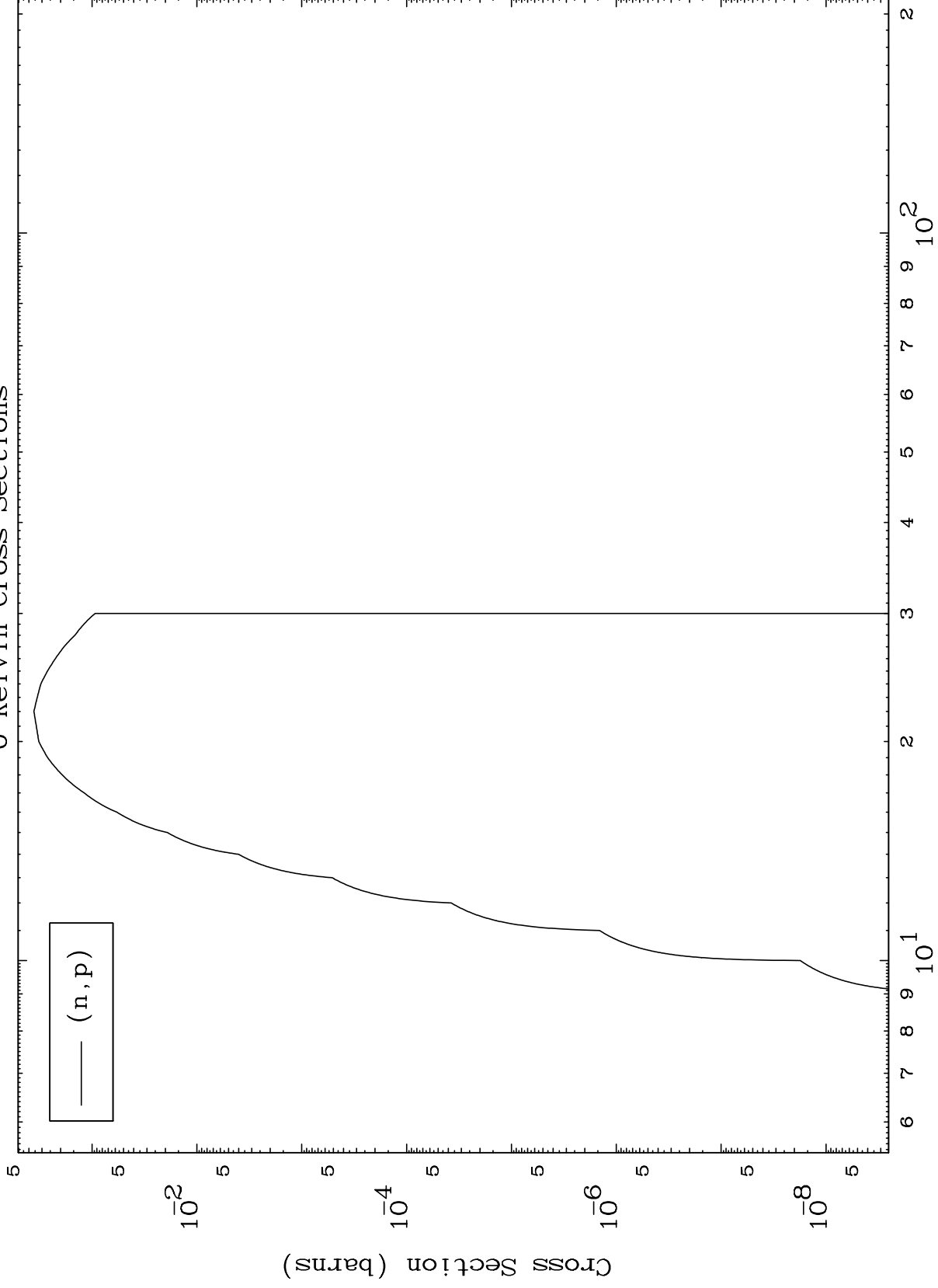




MAT 5604

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-123



6

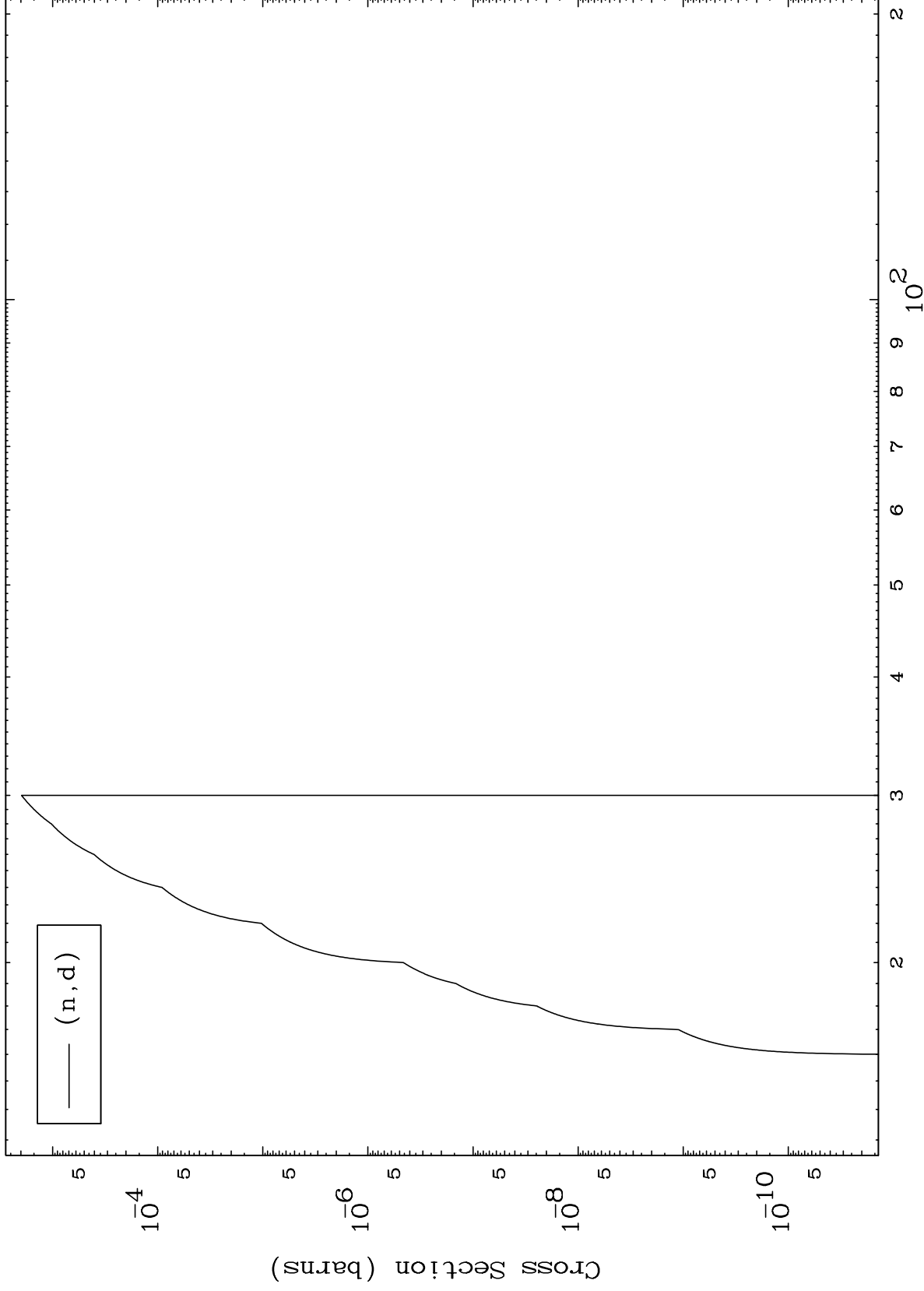
Incident Energy (MeV)

56-Ba-123

MAT 5604

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-123



7

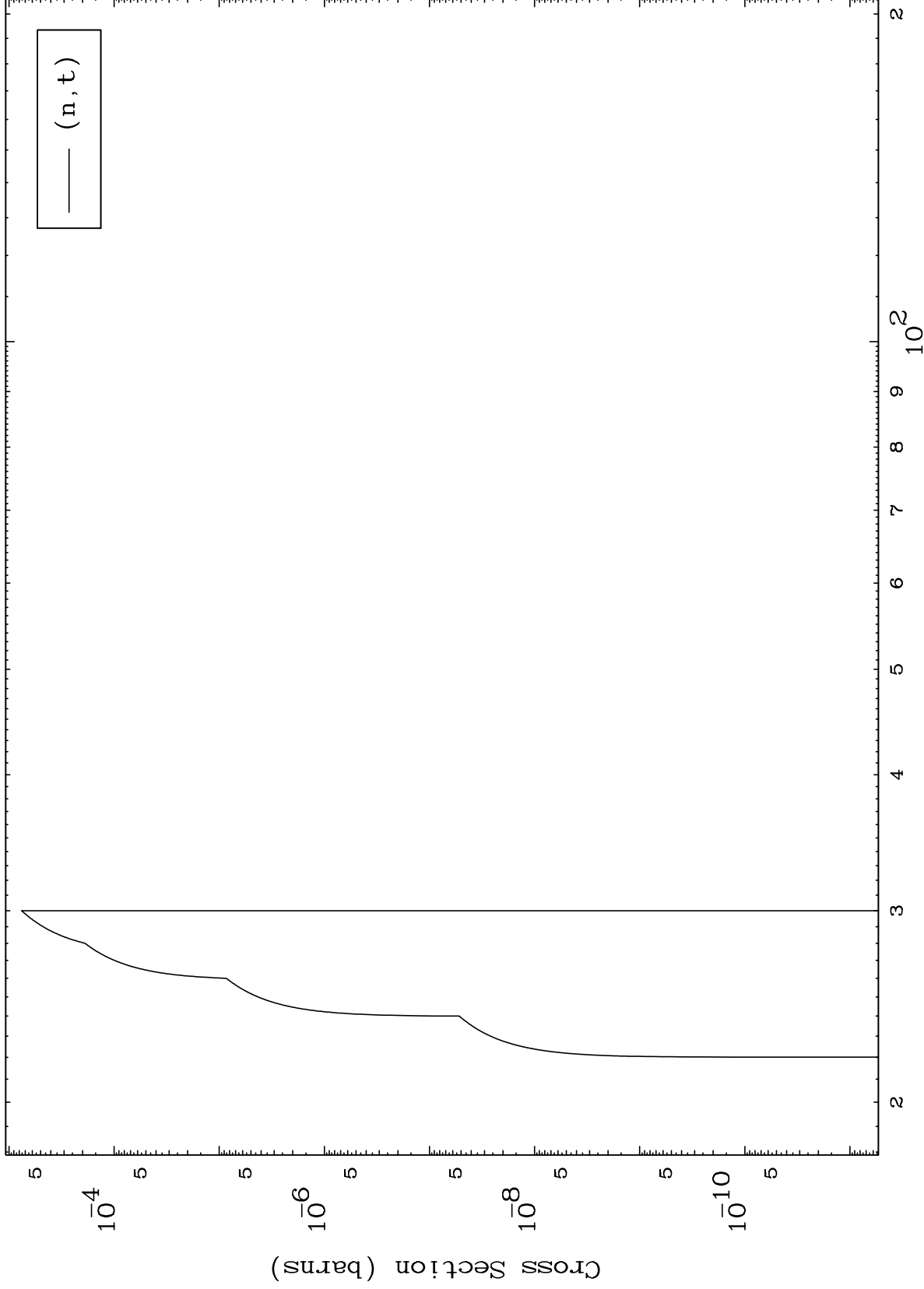
Incident Energy (MeV)

56-Ba-123

MAT 5604

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-123



8

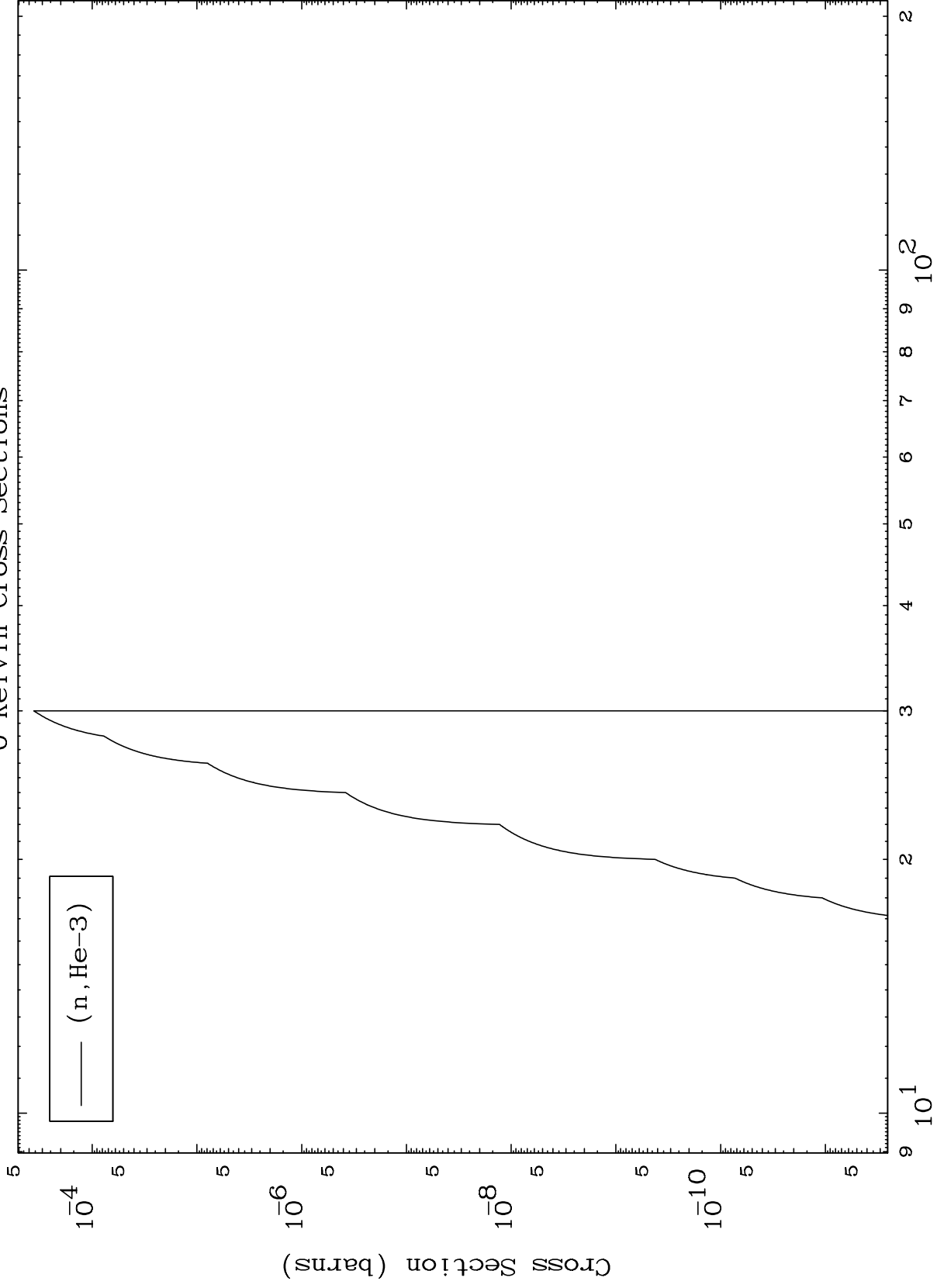
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



Incident Energy (MeV)

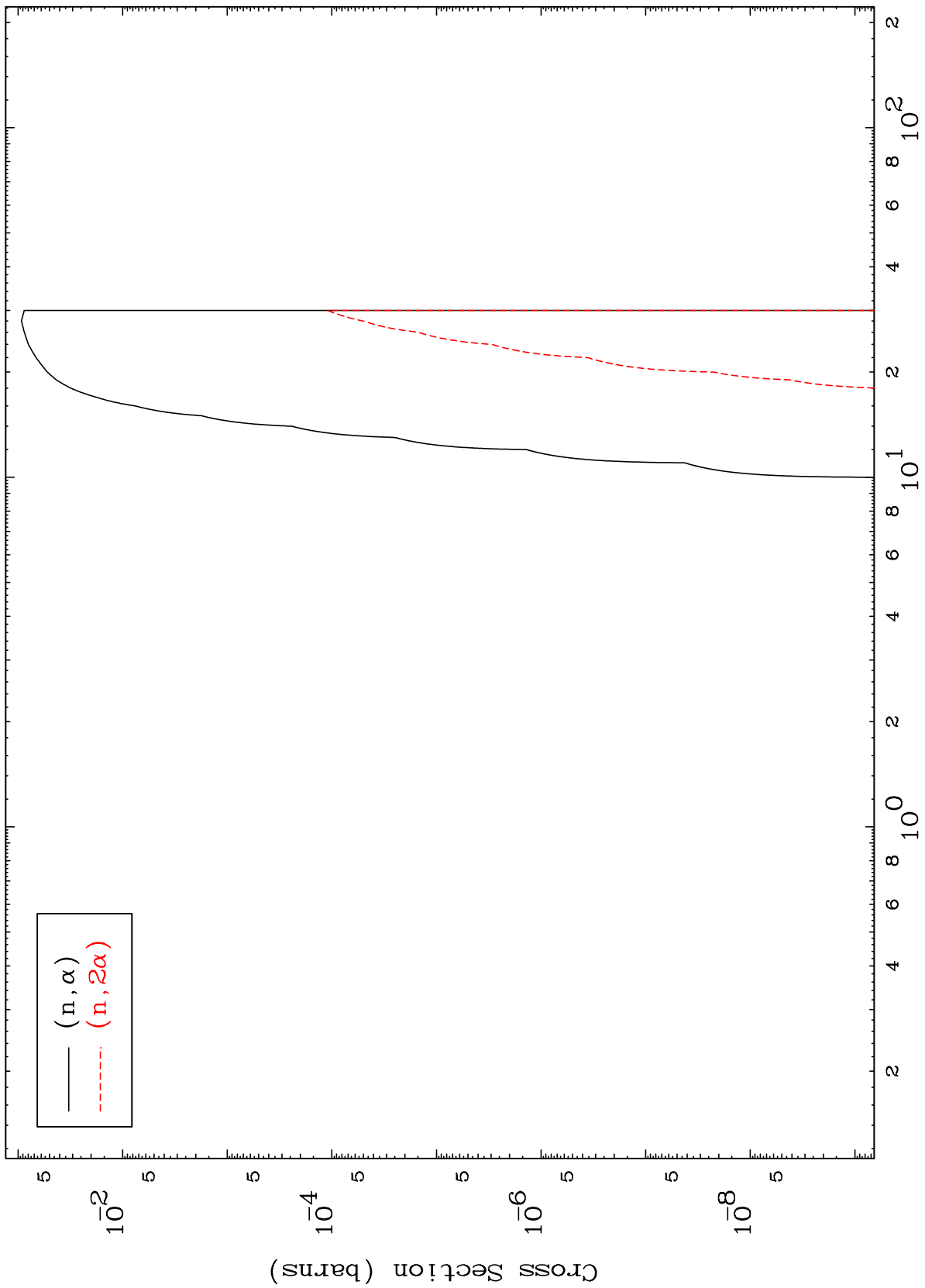
56-Ba-123

MAT 5604

(α, α) Levels

56-Ba-123

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

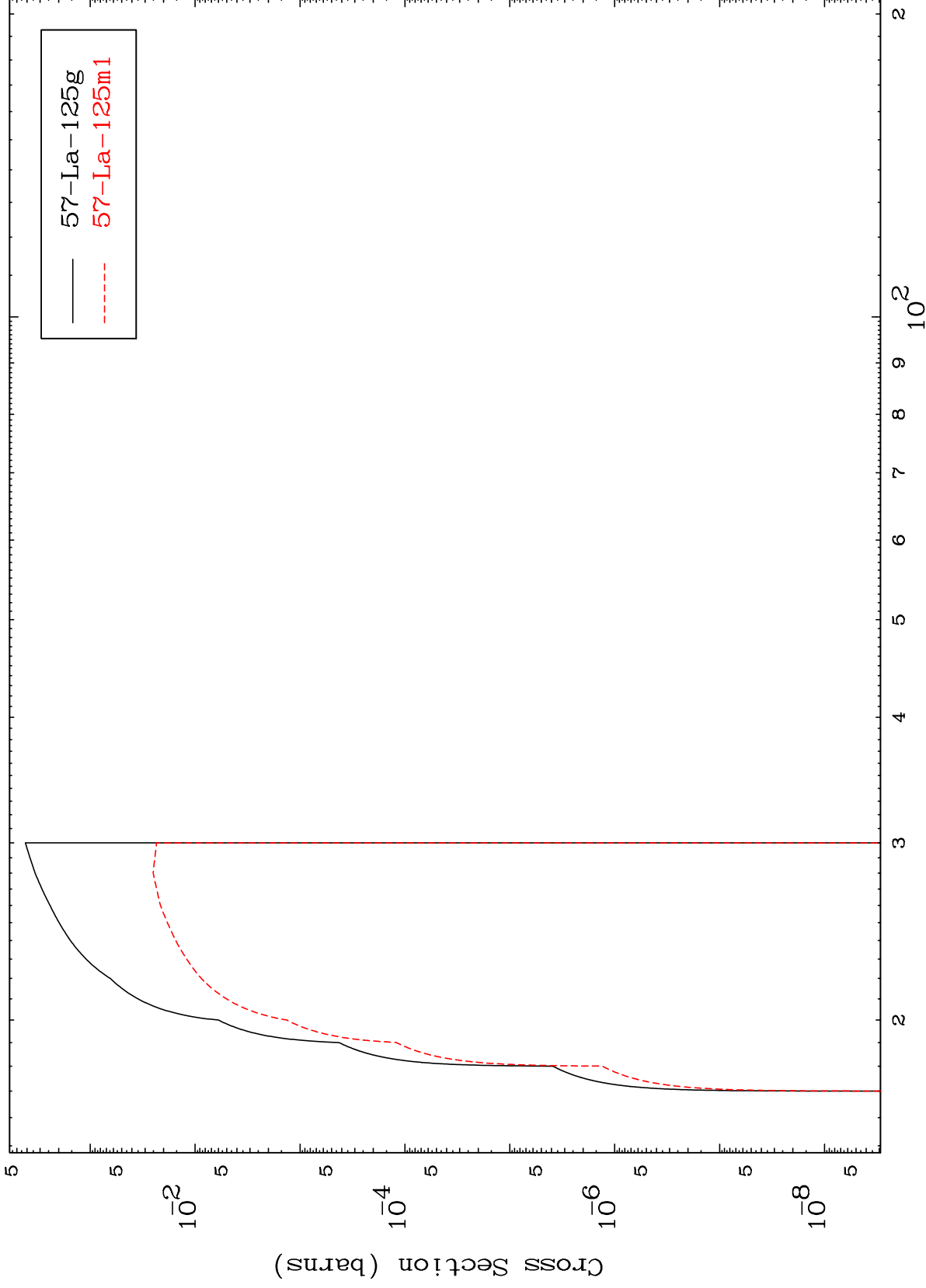
56-Ba-123

MAT 5604

(n,n') p

56-Ba-123

Radionuclide Production Cross Section



11

Incident Energy (MeV)

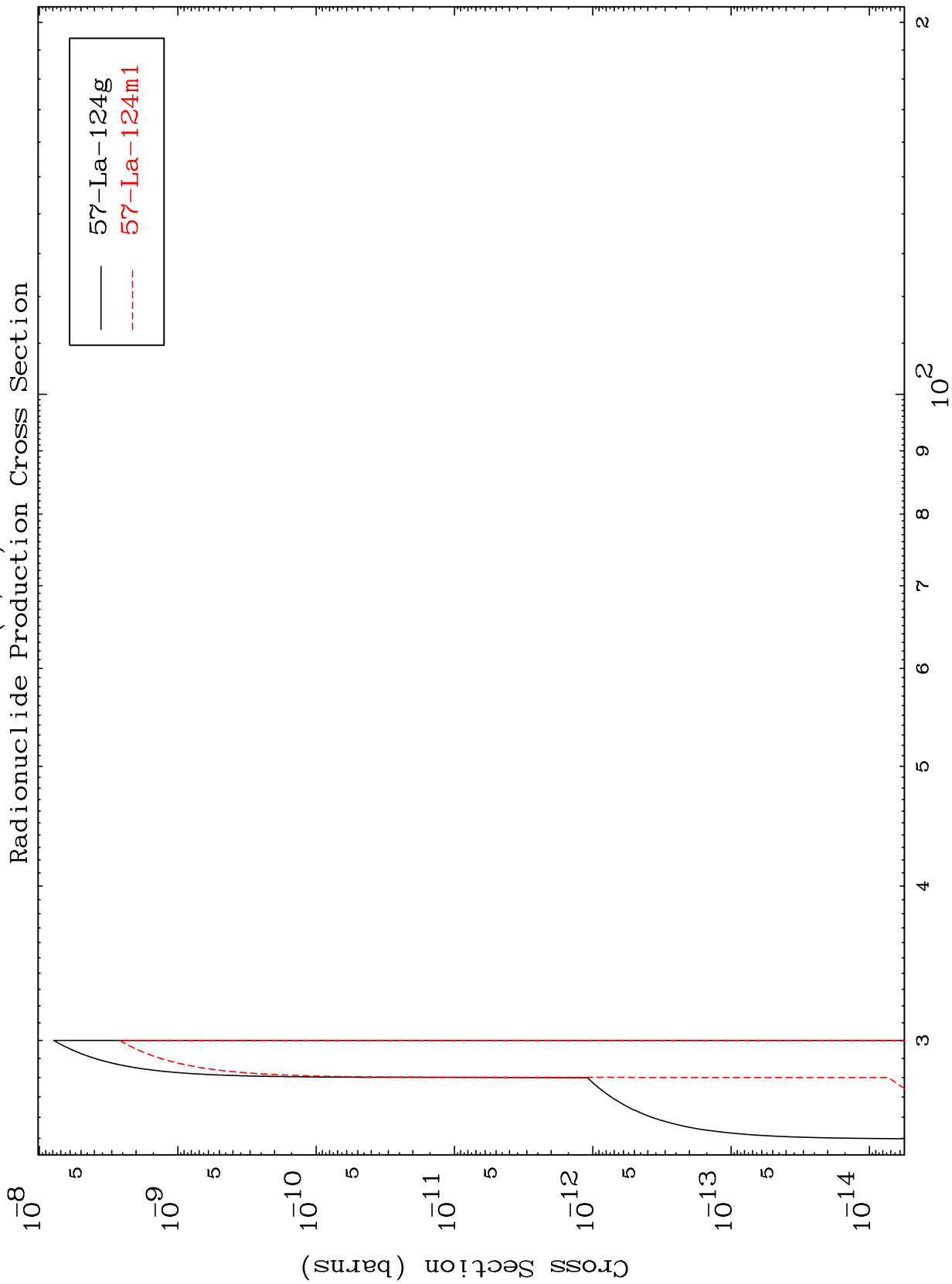
56-Ba-123

MAT 5604

(n,n') d

56-Ba-123

Radionuclide Production Cross Section



12

Incident Energy (MeV)

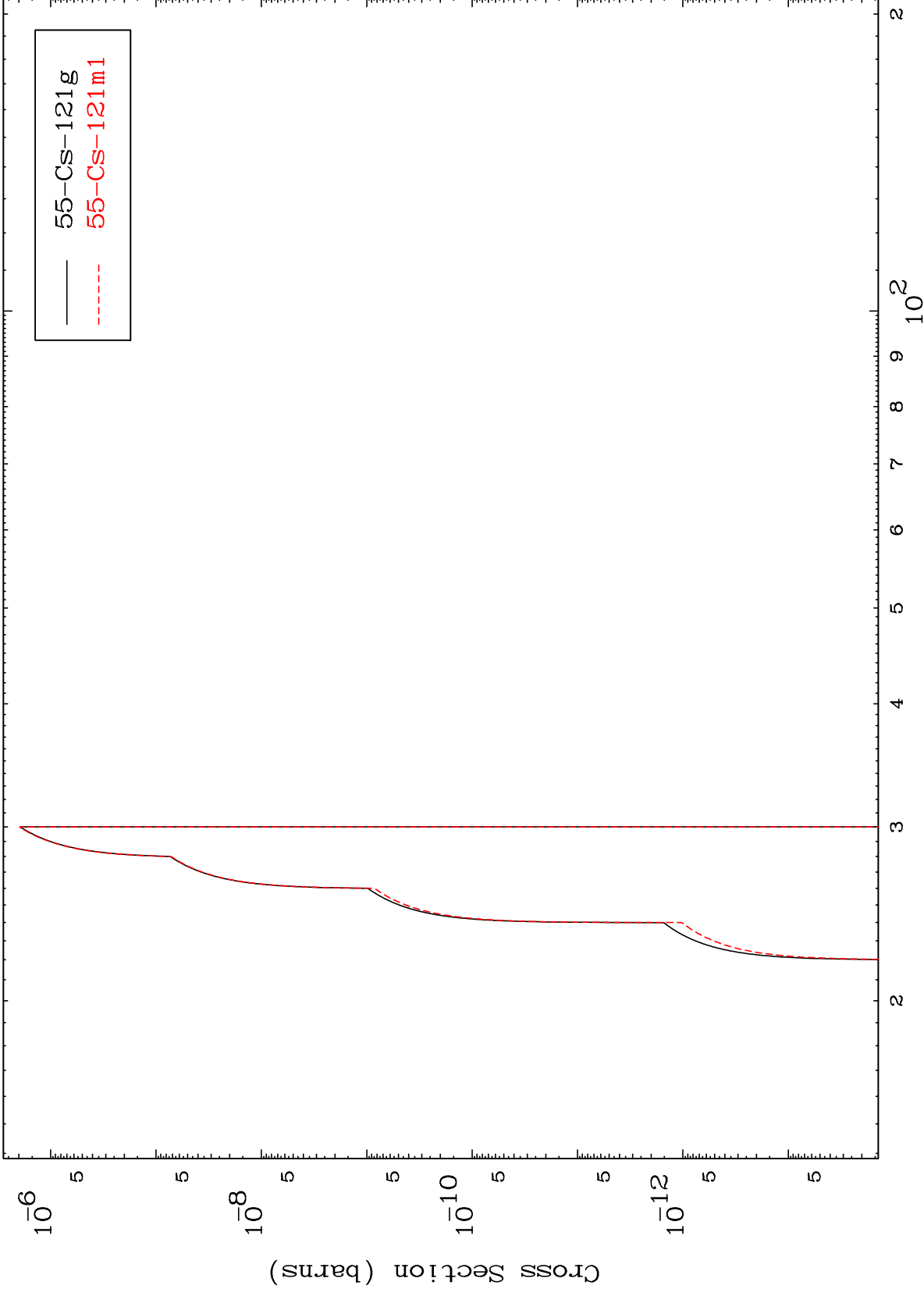
56-Ba-123

MAT 5604

(n,n') p α

56-Ba-123

Radionuclide Production Cross Section



13

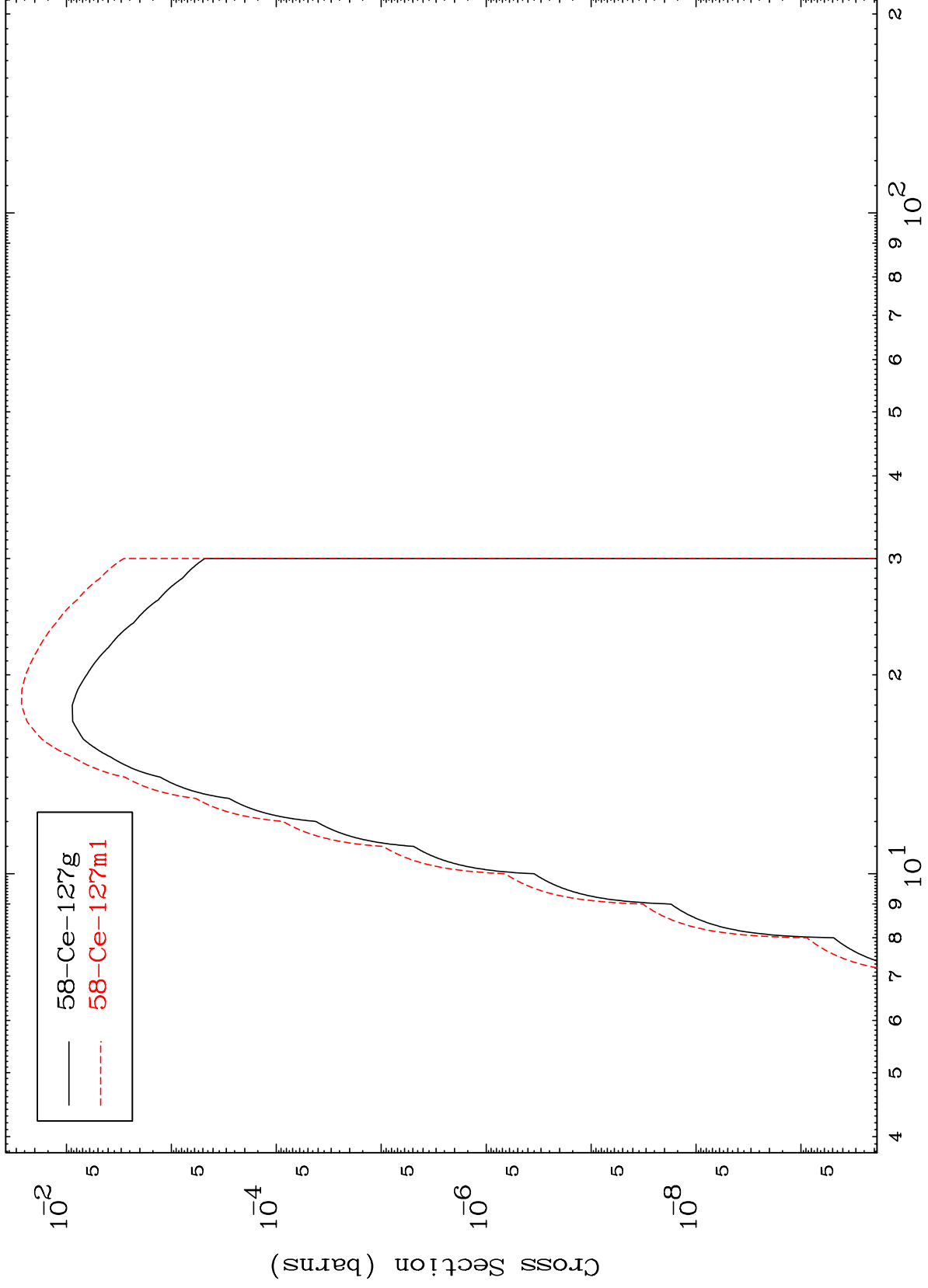
Incident Energy (MeV)

56-Ba-123

MAT 5604

56-Ba-123

(n,γ)
Radionuclide Production Cross Section



14

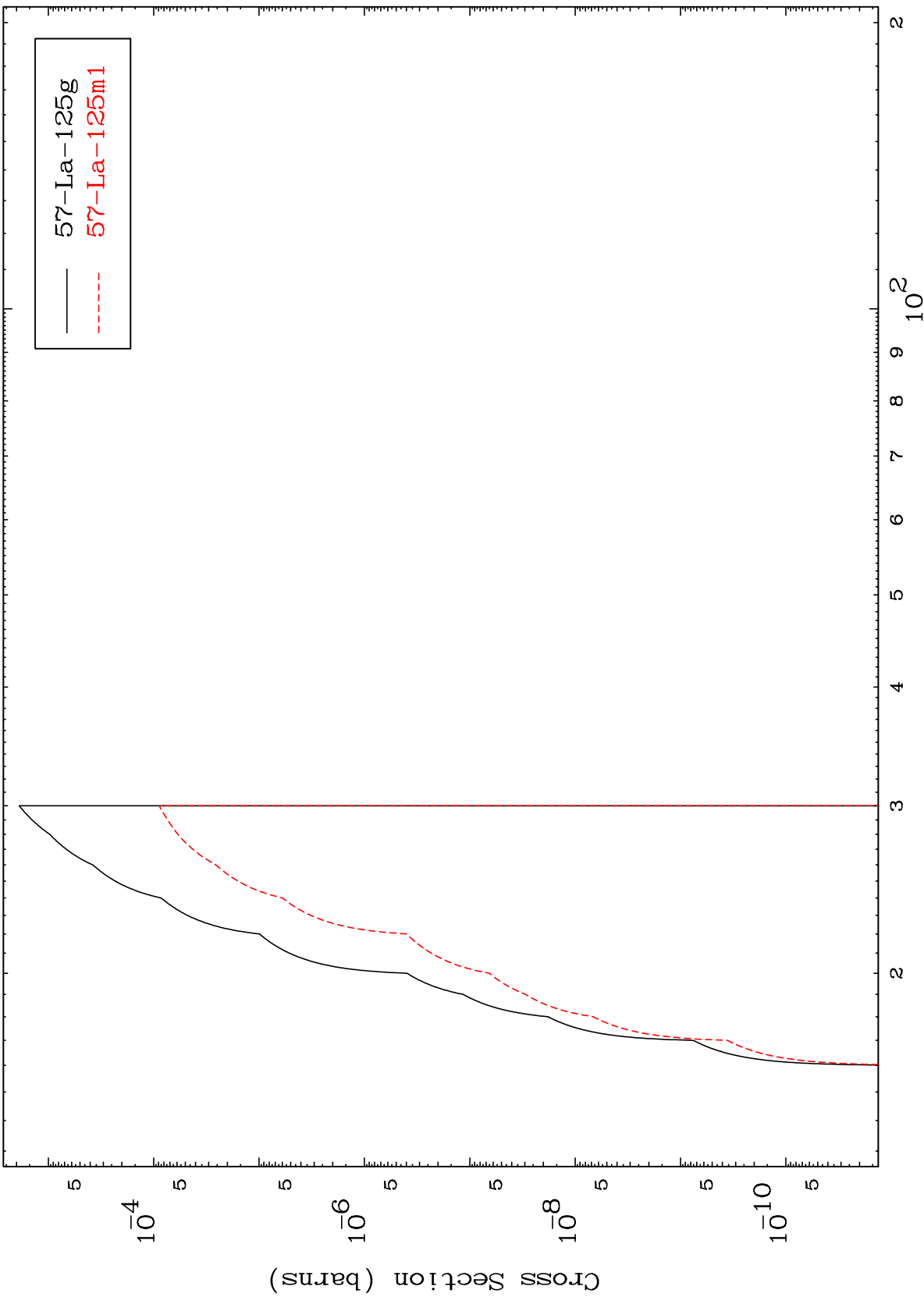
Incident Energy (MeV)

56-Ba-123

MAT 5604

56-Ba-123

(n,d)
Radionuclide Production Cross Section



15

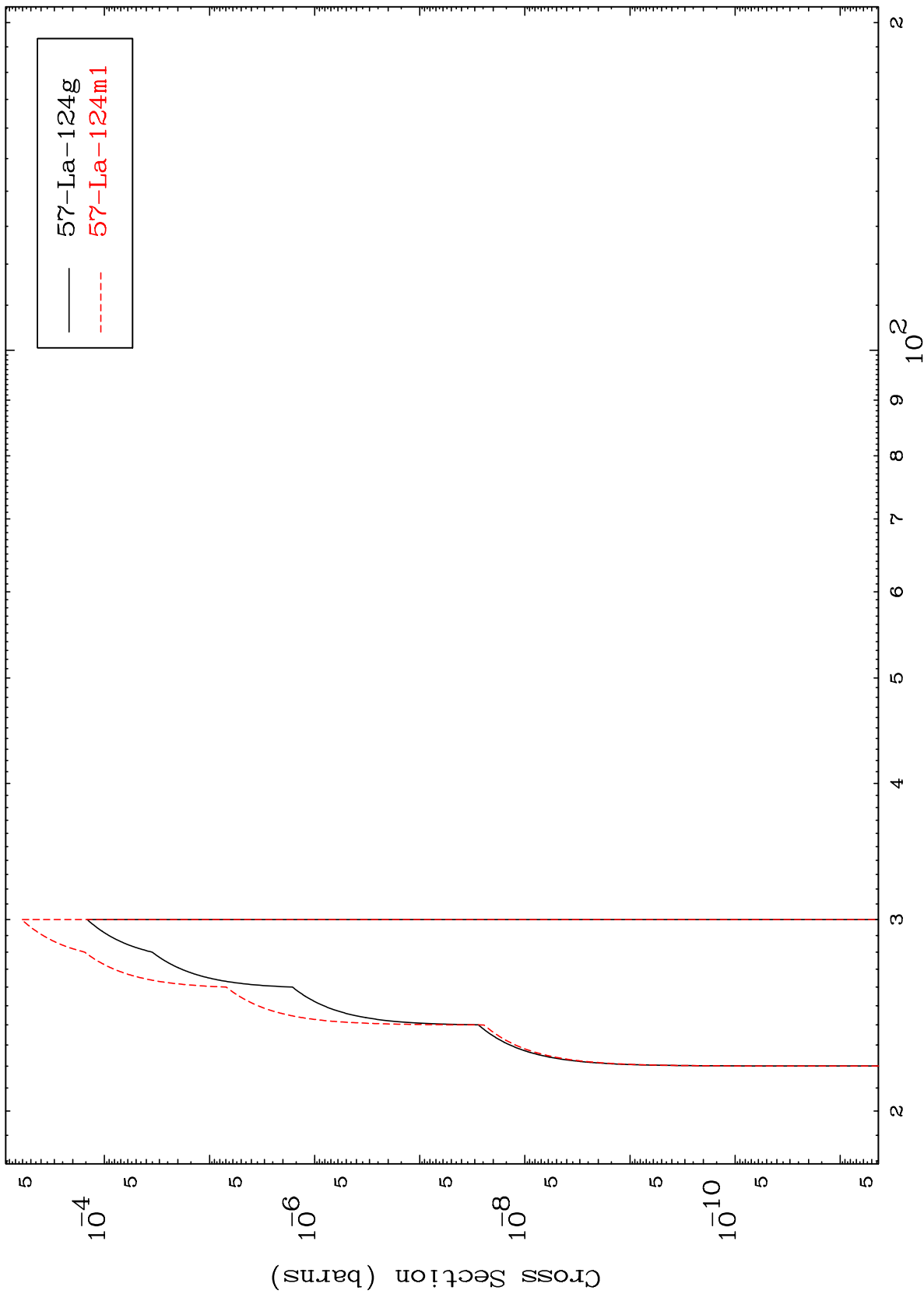
Incident Energy (MeV)

56-Ba-123

MAT 5604

56-Ba-123

(n,t)
Radionuclide Production Cross Section



16

56-Ba-123

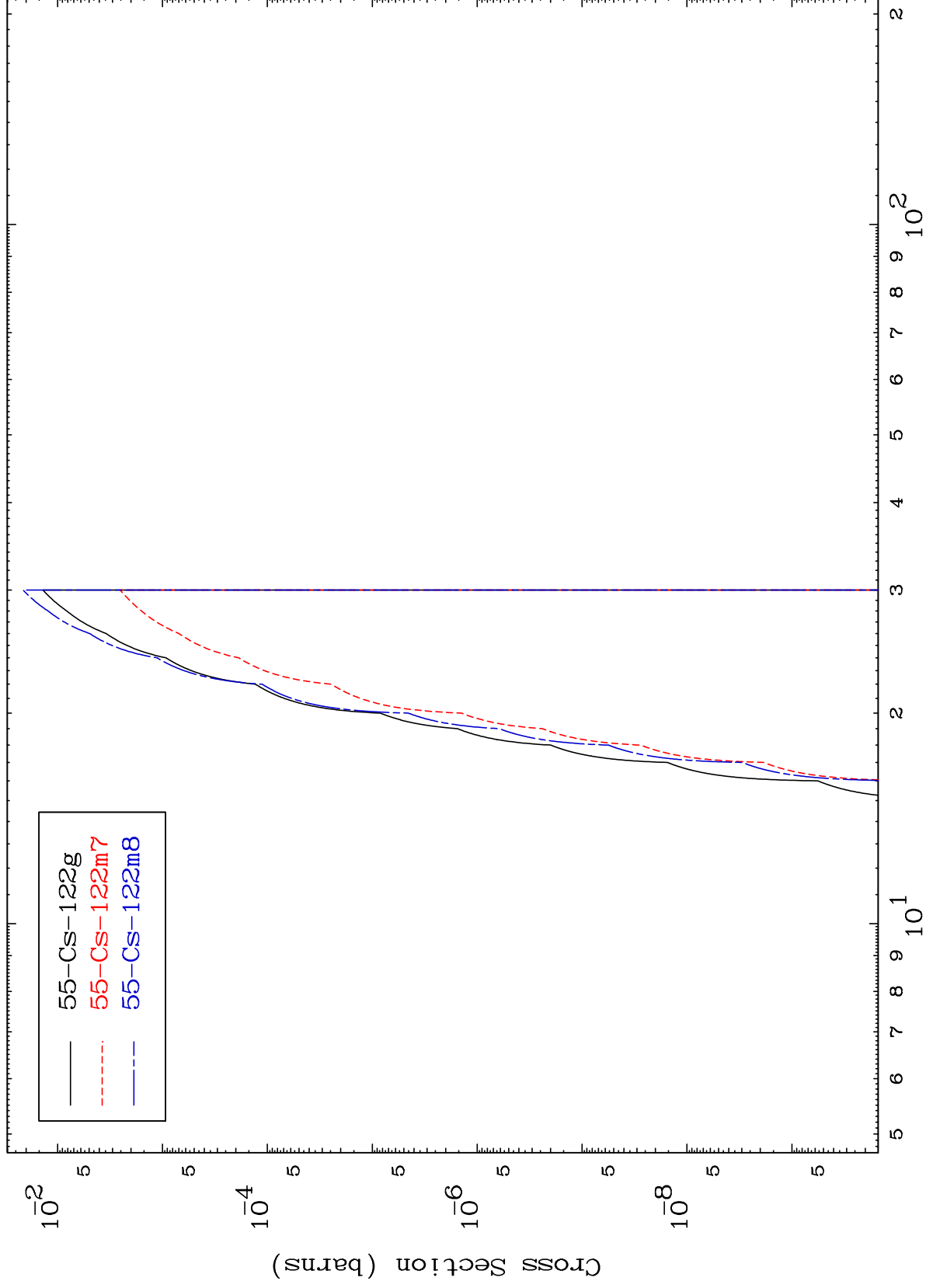
Incident Energy (MeV)

MAT 5604

(n,p) α

56-Ba-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

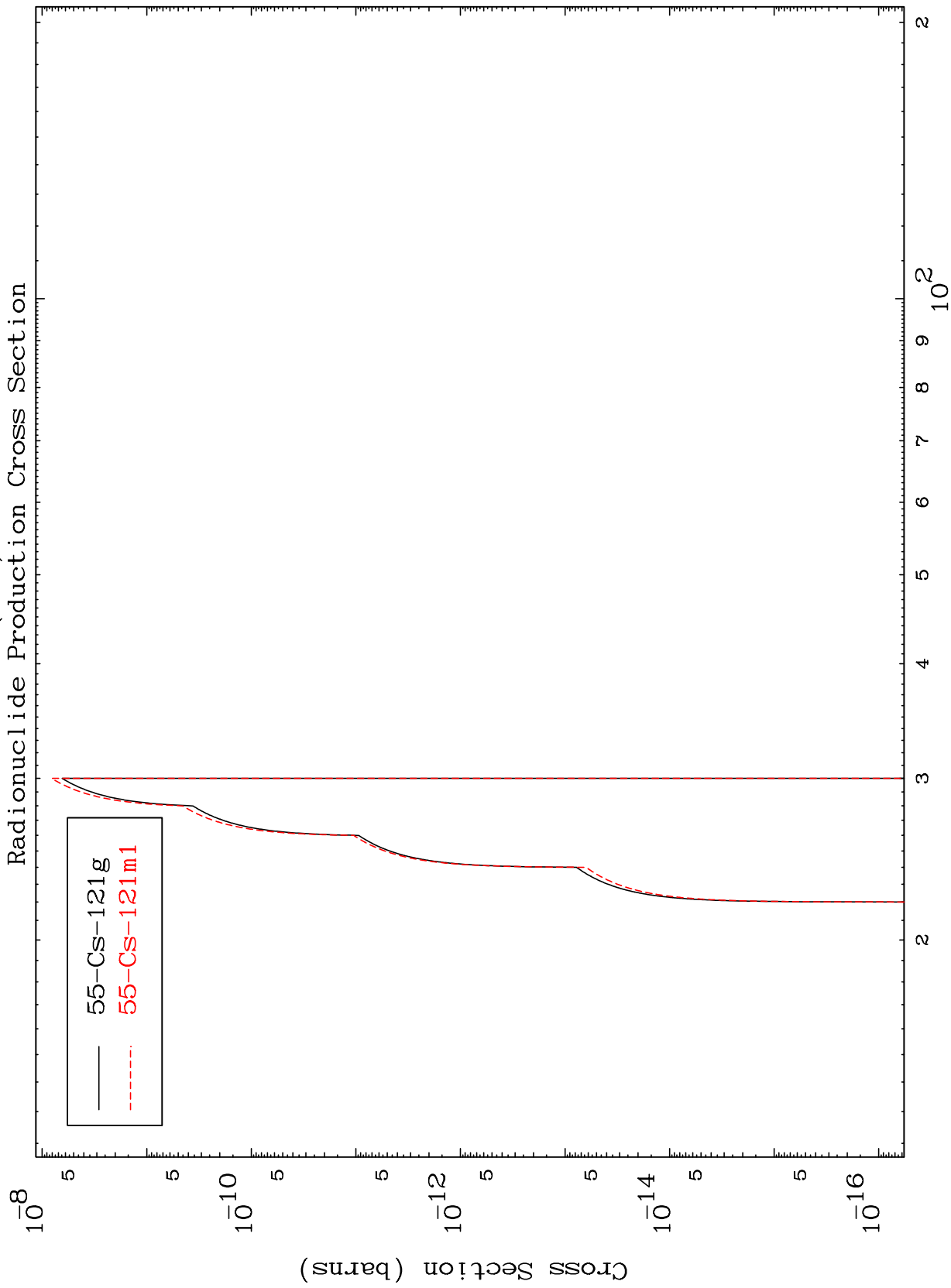
56-Ba-123

MAT 5604

56-Ba-123

(n,d) α

Radionuclide Production Cross Section



18

Incident Energy (MeV)

56-Ba-123