

Program EVALPLOT
(Version 2021-1)

by

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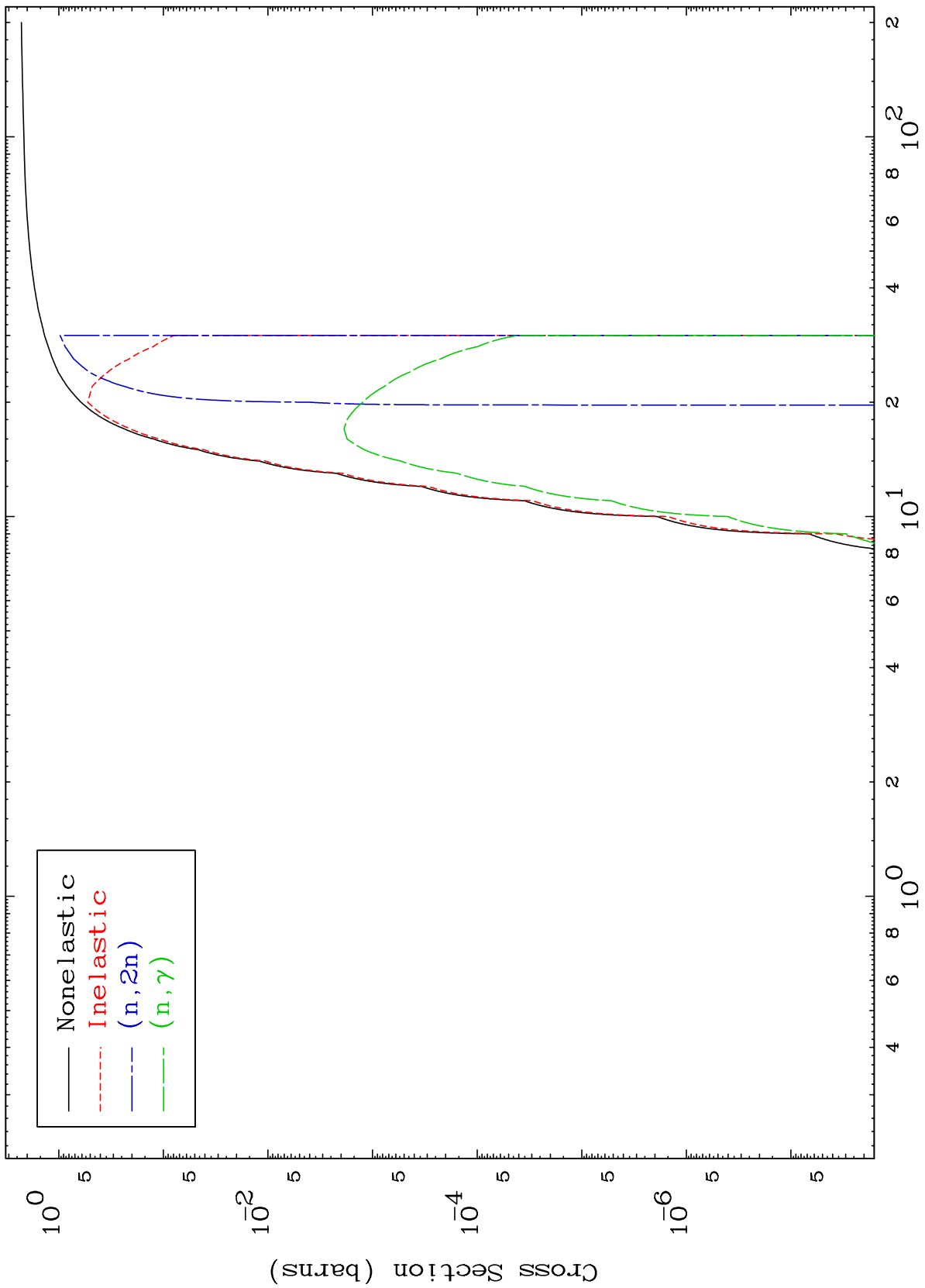
Press Mouse Button to Start

MAT 5622

0 Kelvin

Major Cross Sections

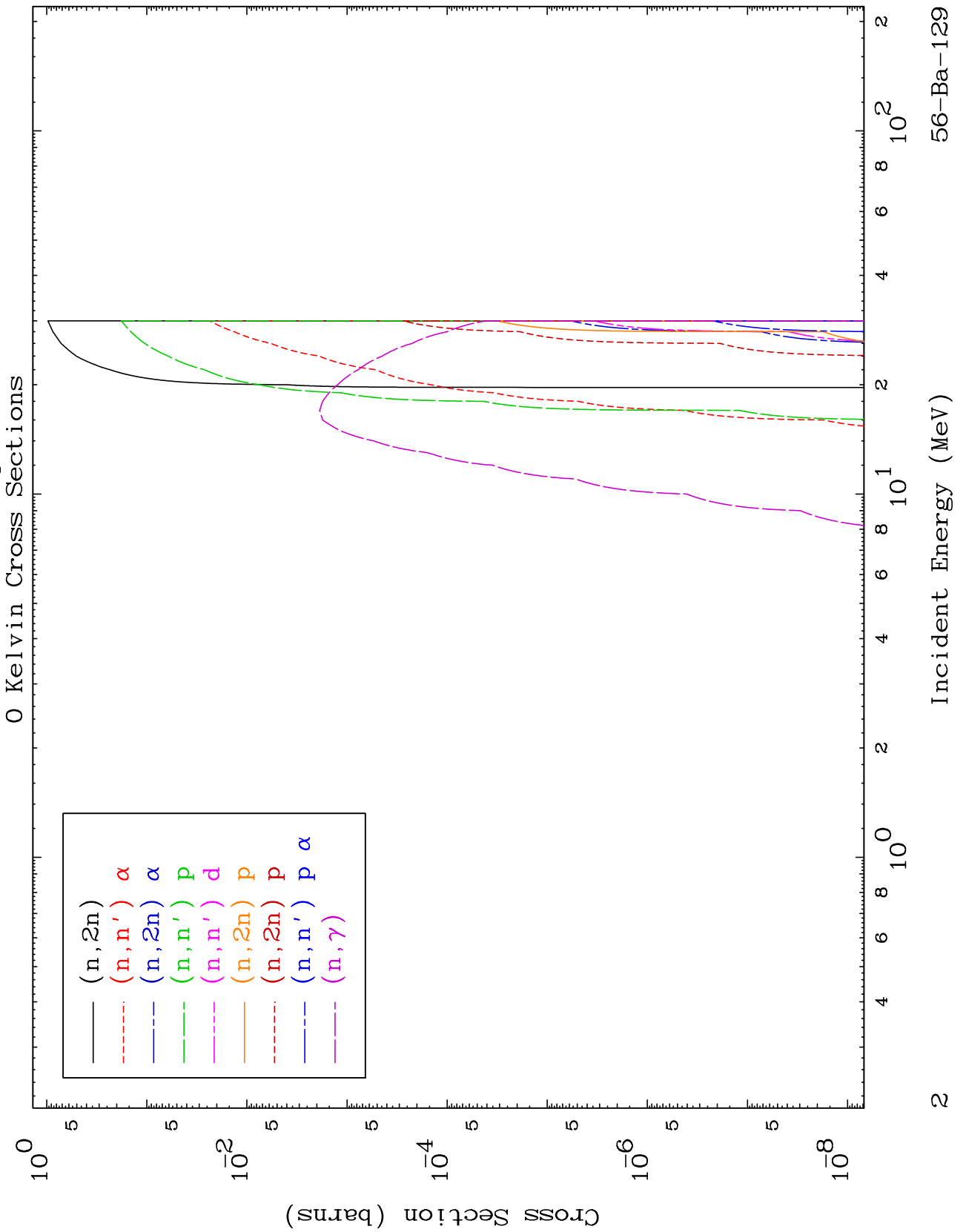
56-Ba-129



MAT 5622

α Neutron Absorption

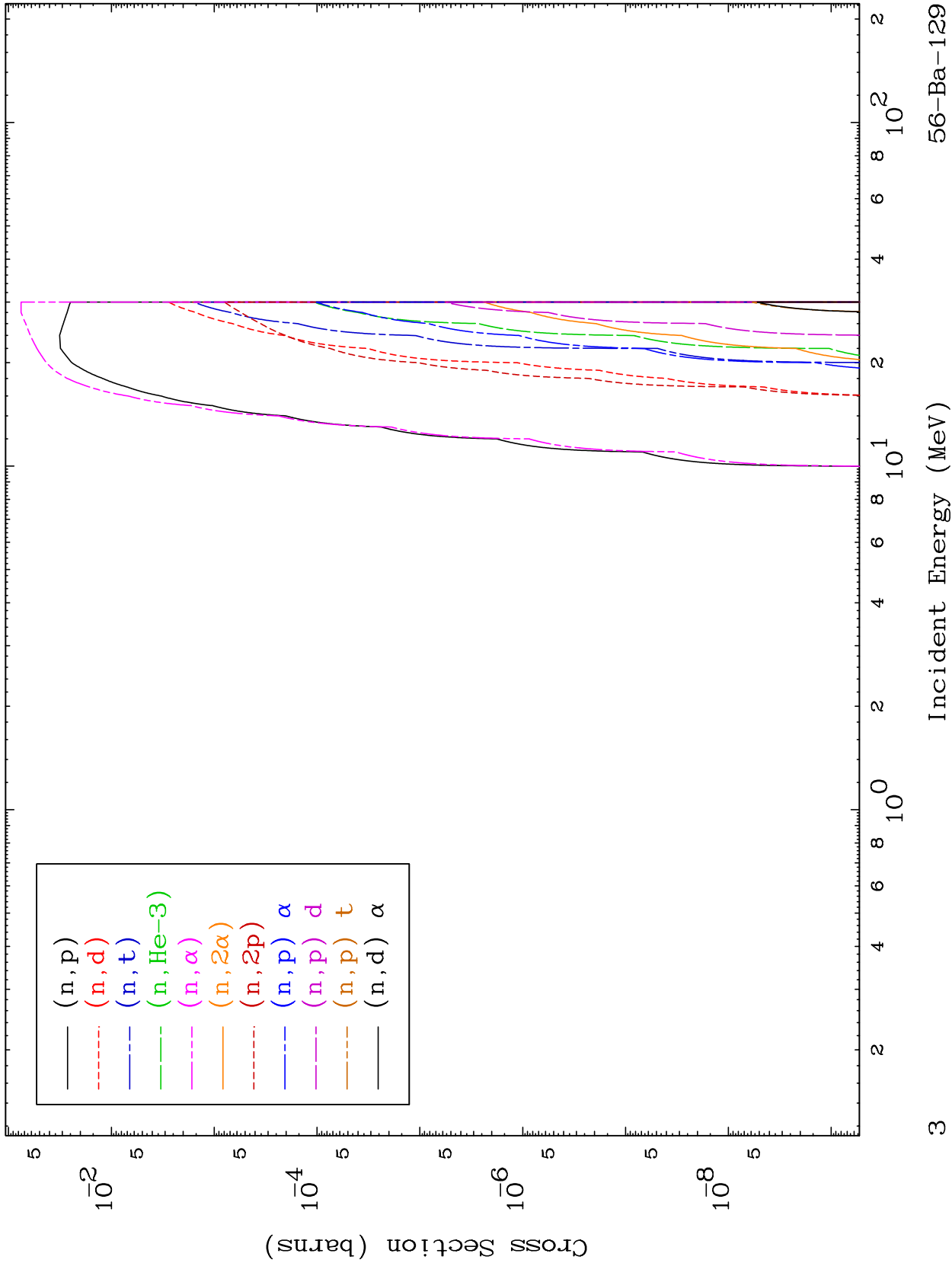
56-Ba-129

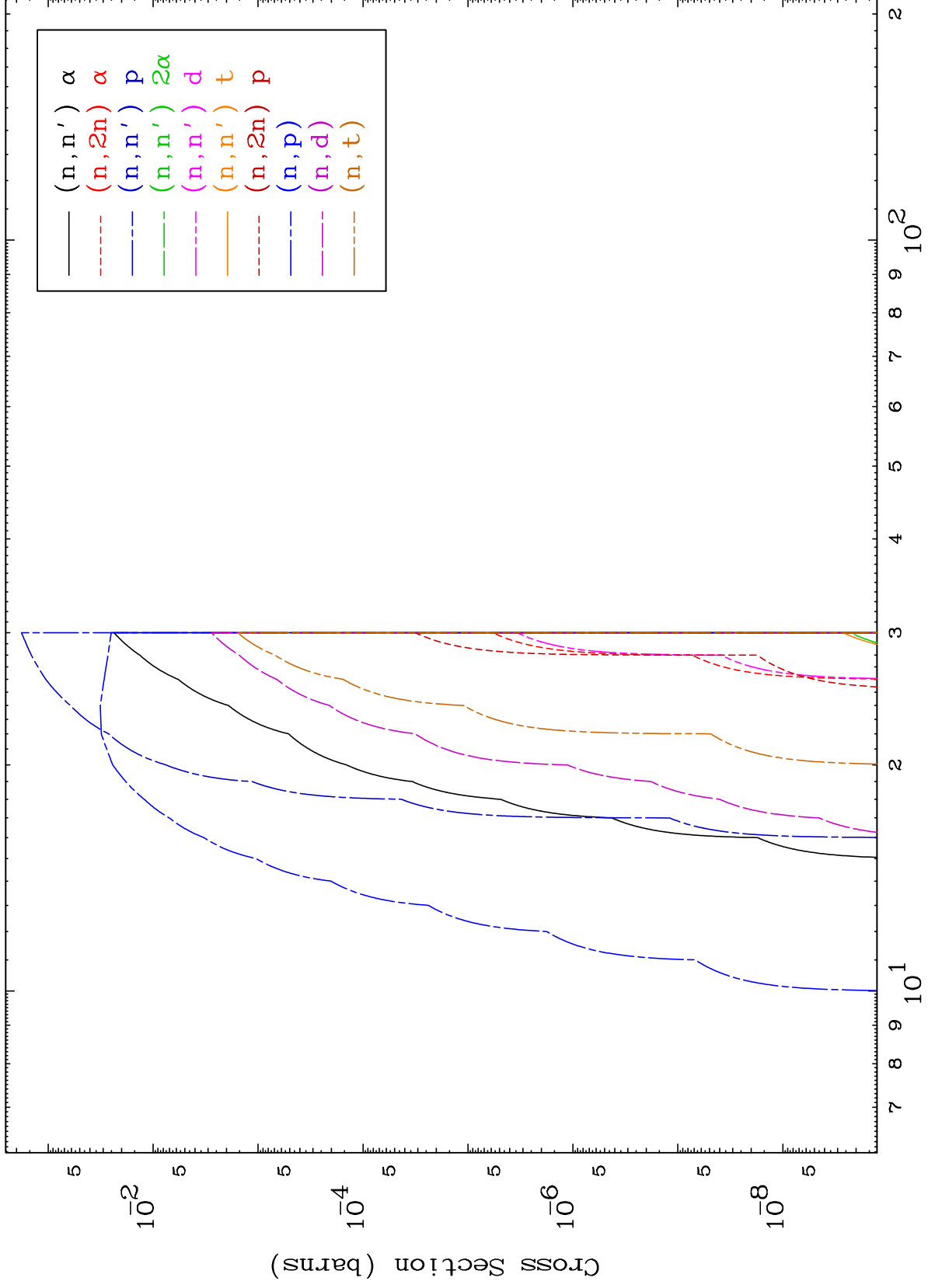


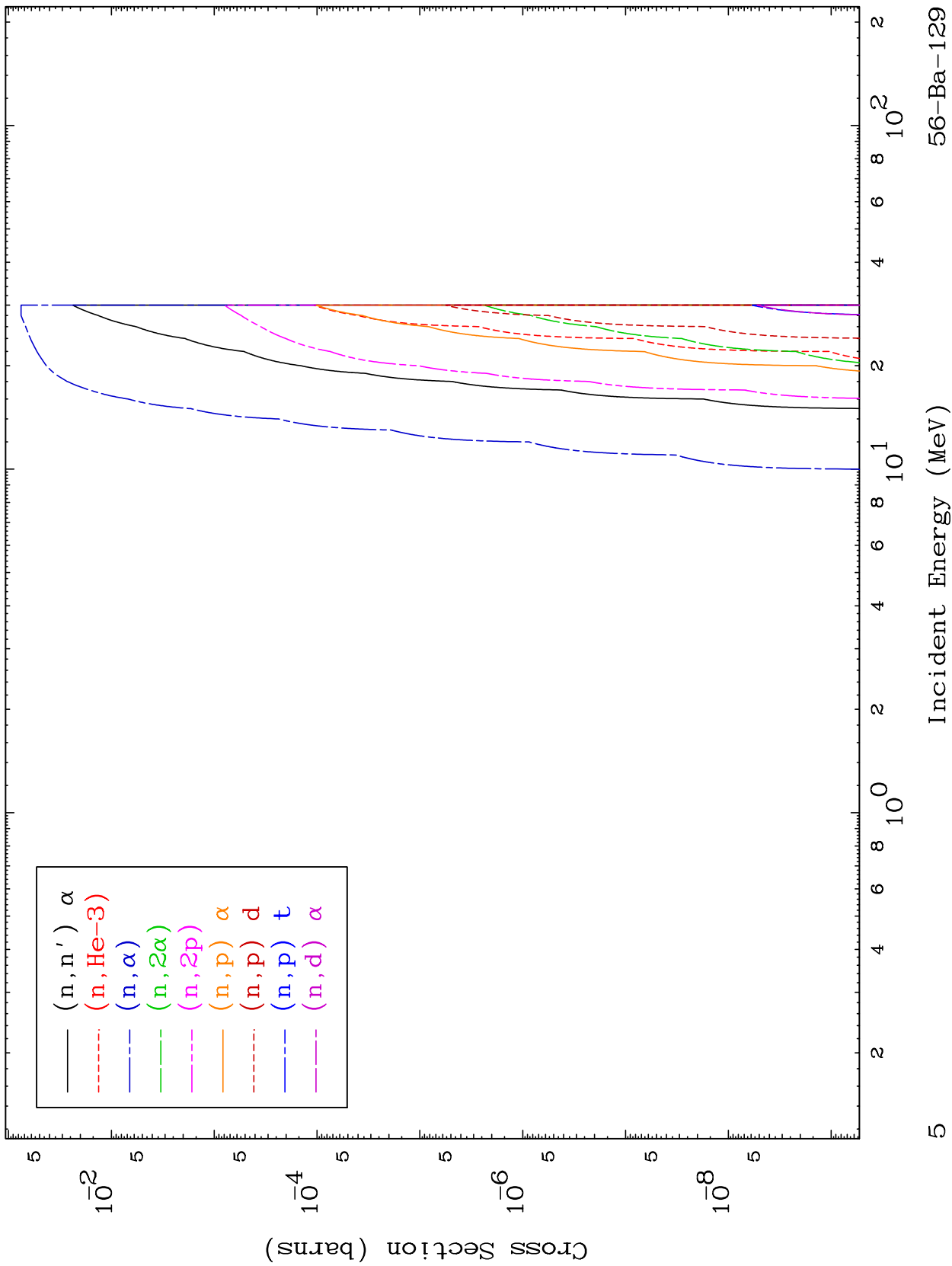
MAT 56222

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-129



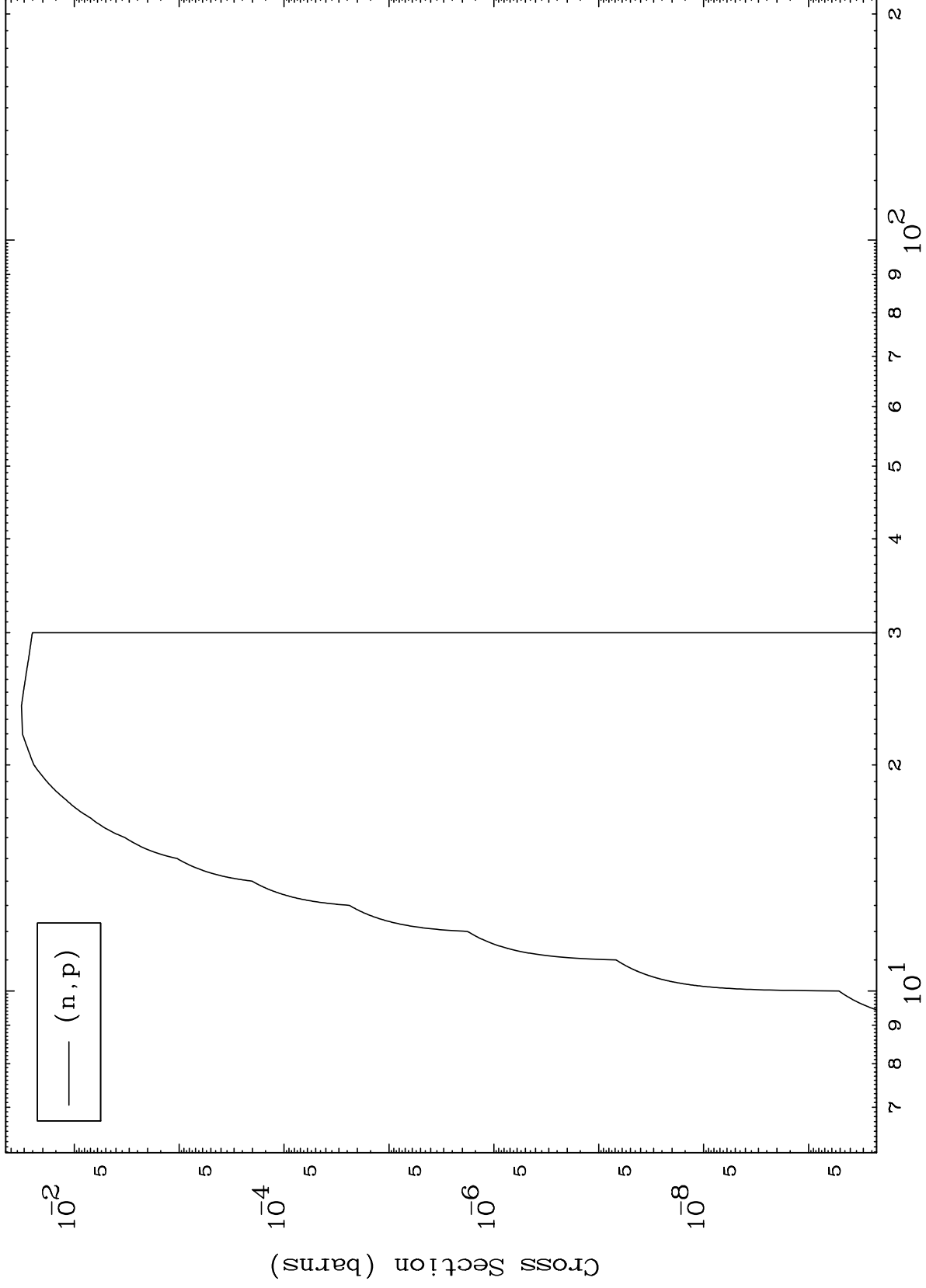




MAT 5622

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-129



6

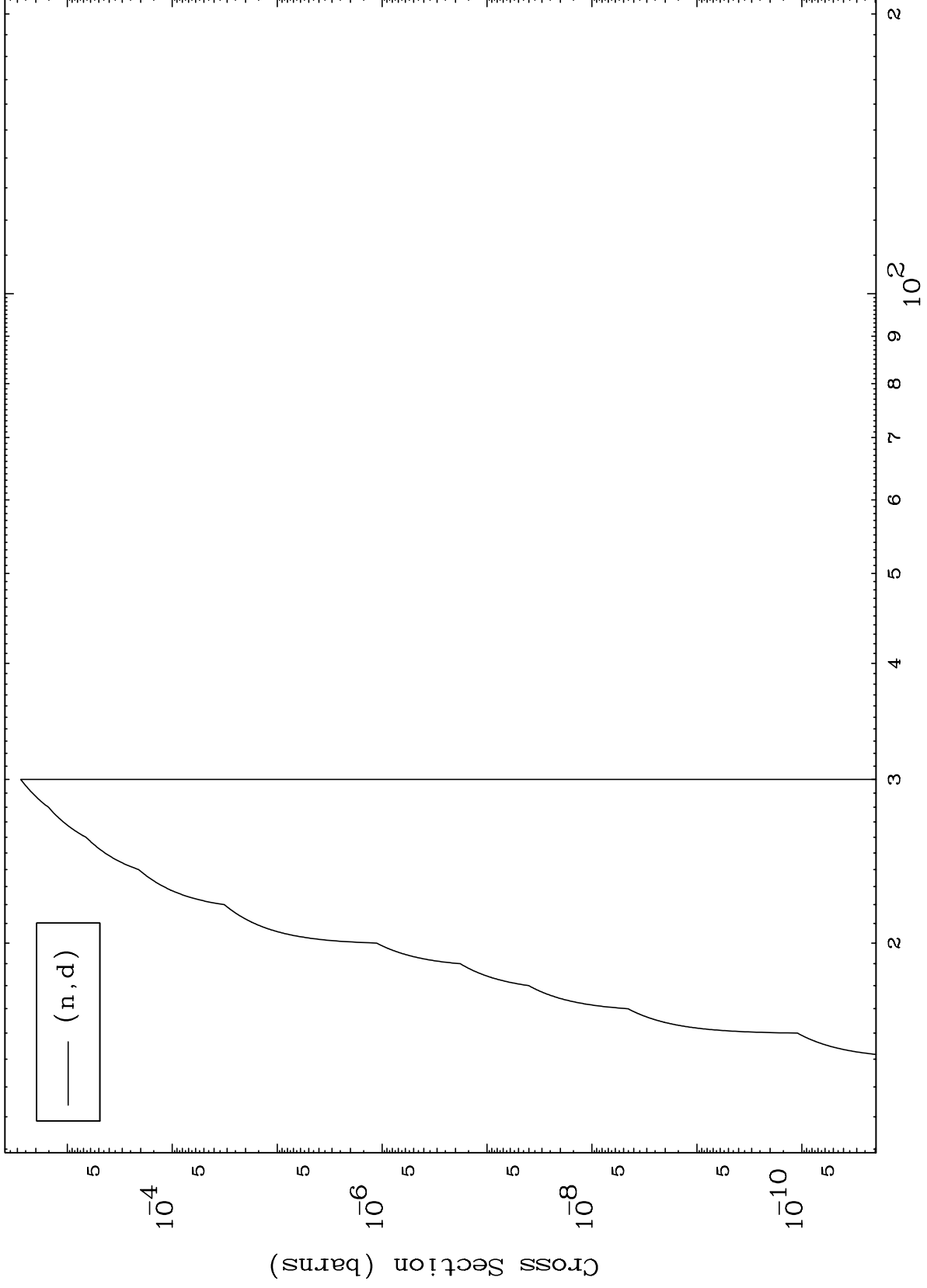
Incident Energy (MeV)

56-Ba-129

MAT 5622

(α, d) Levels
0 Kelvin Cross Sections

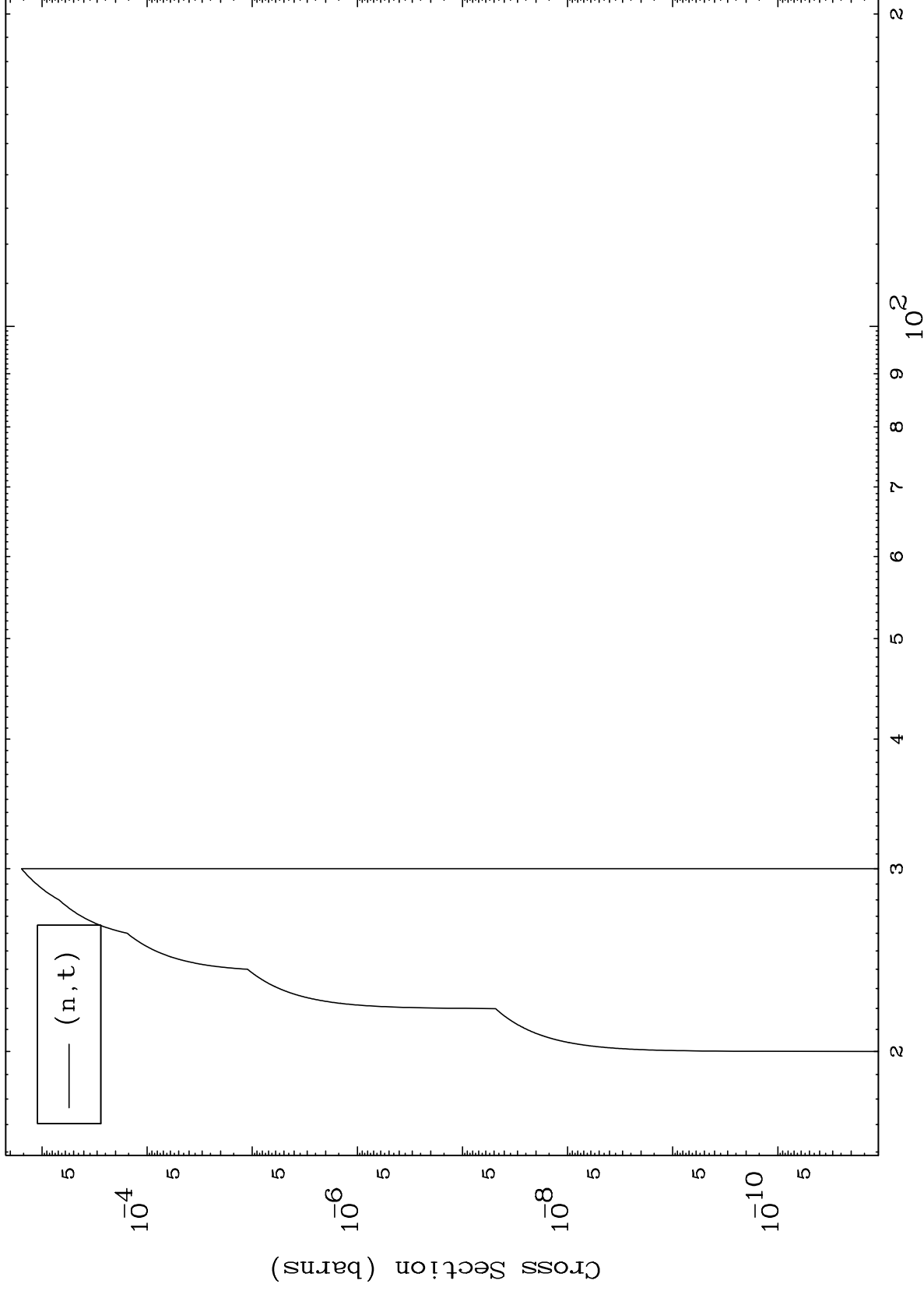
56-Ba-129



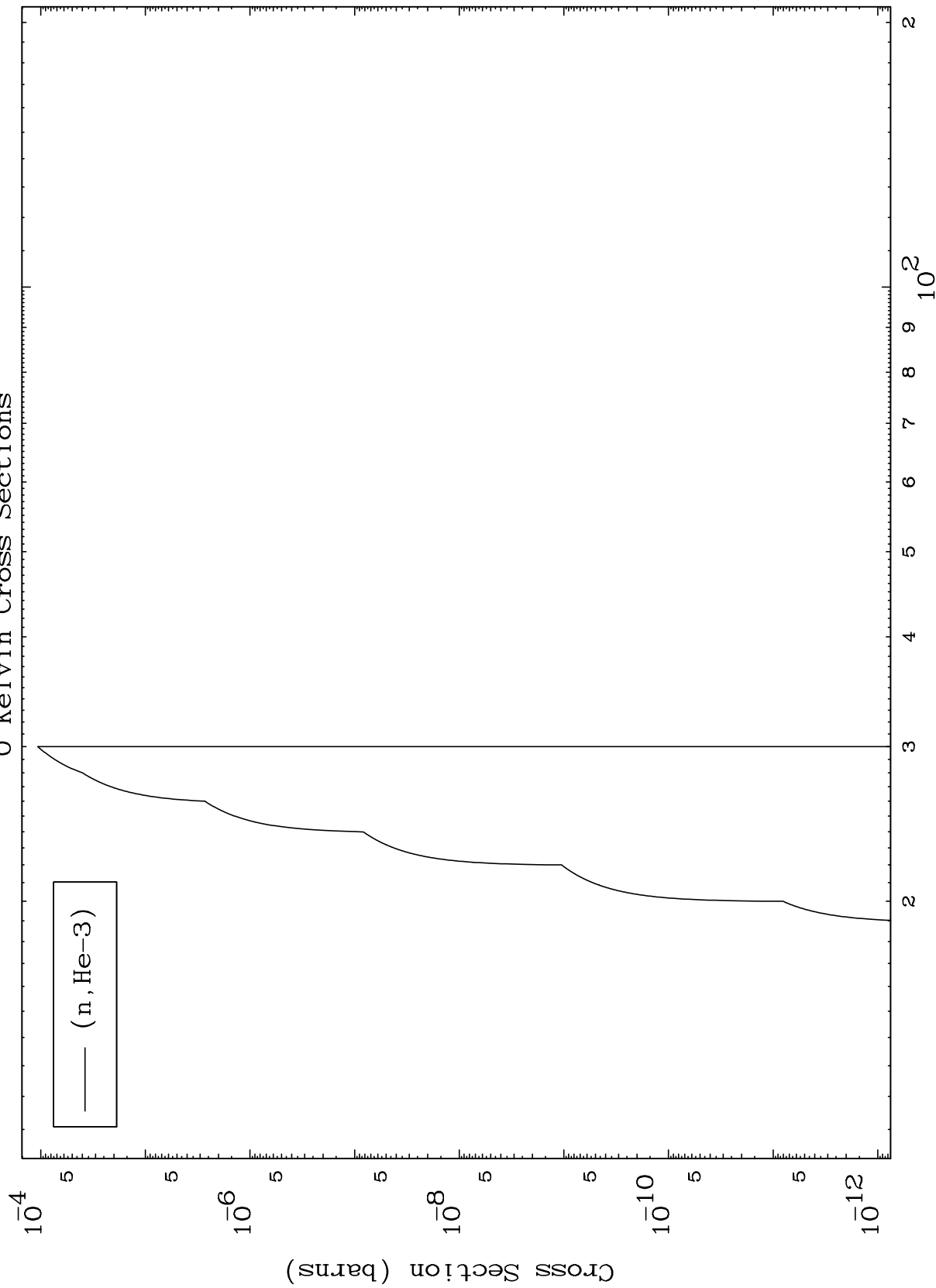
7

Incident Energy (MeV)

56-Ba-129



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

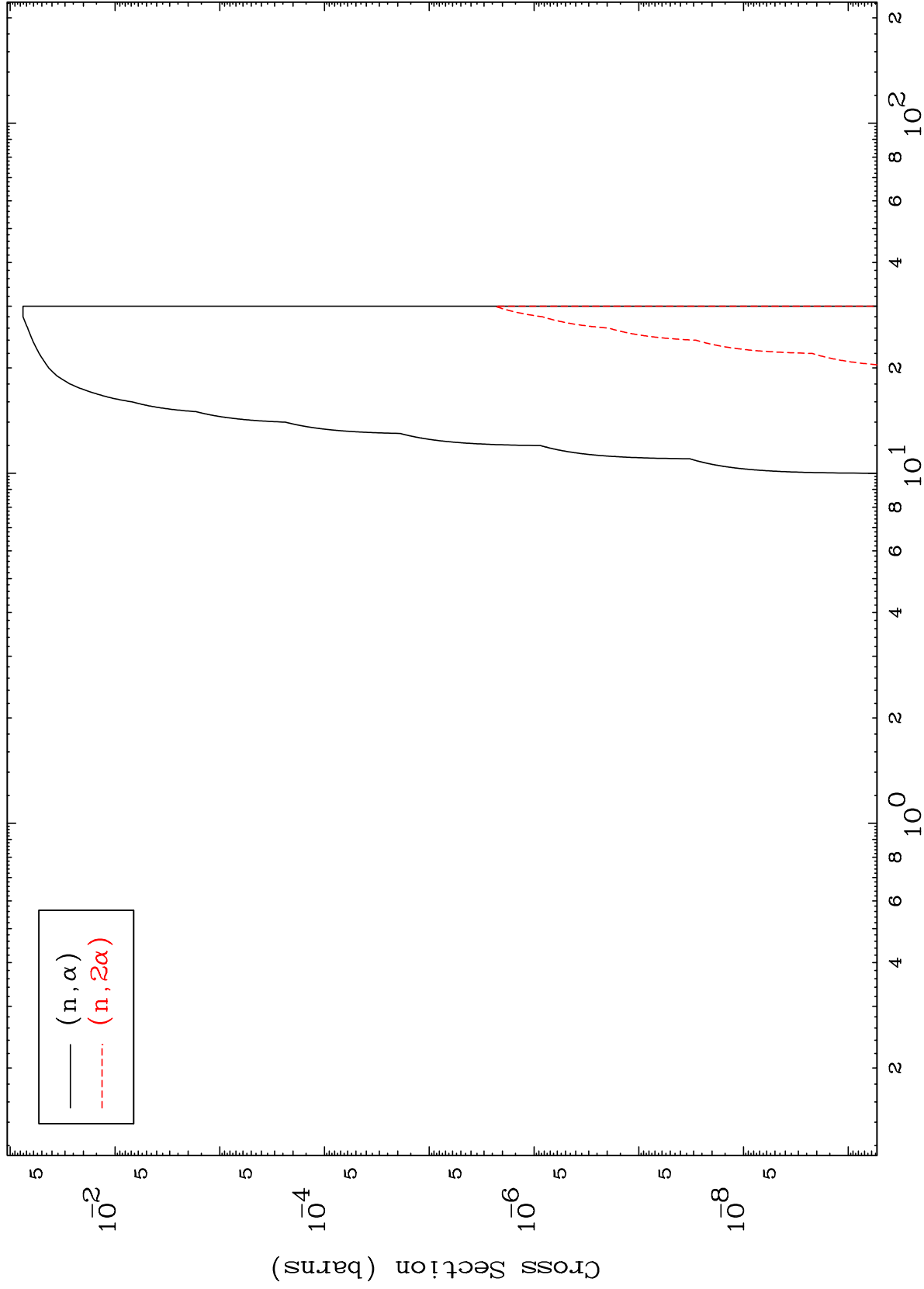


MAT 5622

(α, α) Levels

56-Ba-129

0 Kelvin Cross Sections



10

Incident Energy (MeV)

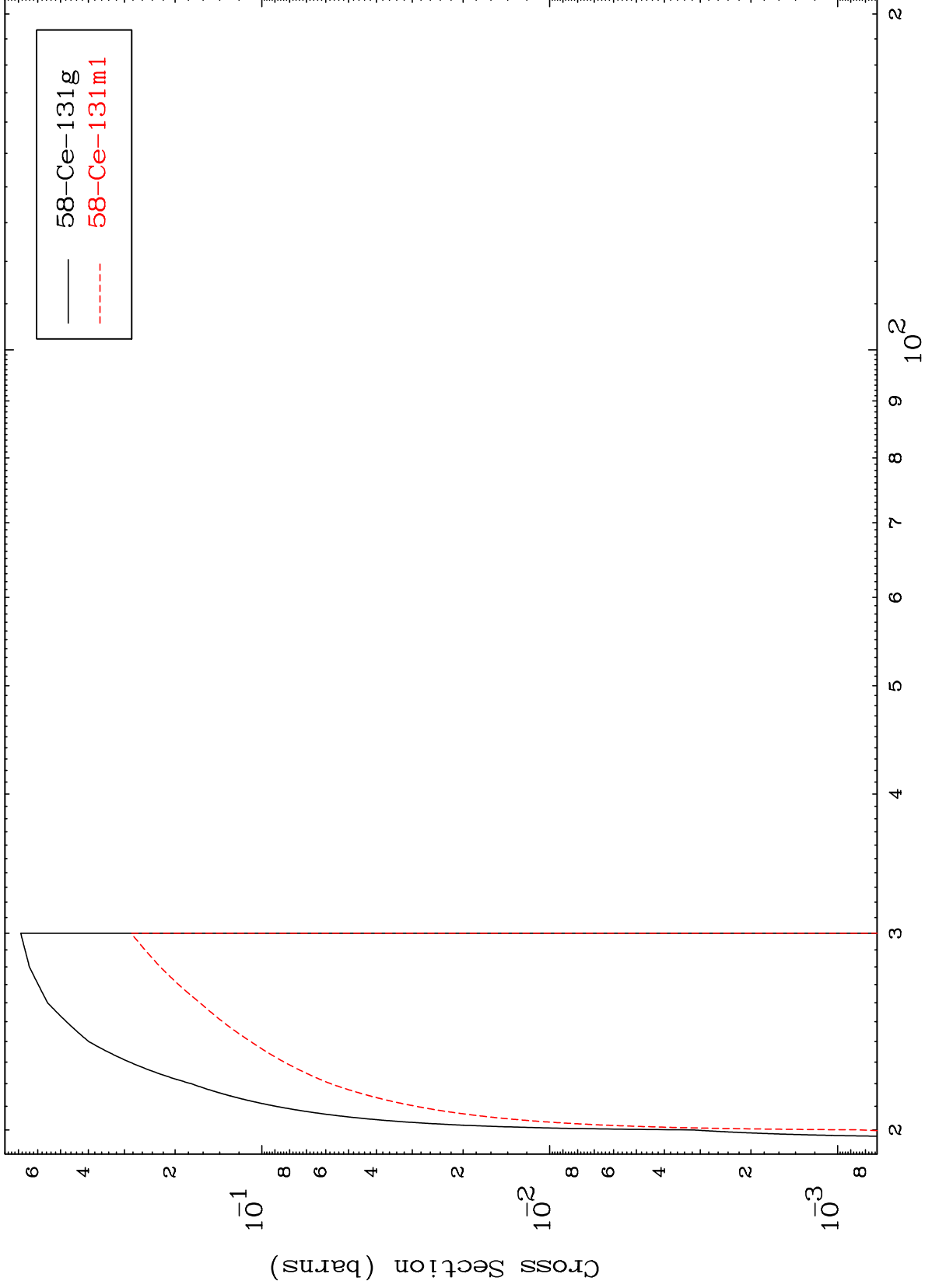
56-Ba-129

MAT 5622

(n,2n)

56-Ba-129

Radionuclide Production Cross Section



11

Incident Energy (MeV)

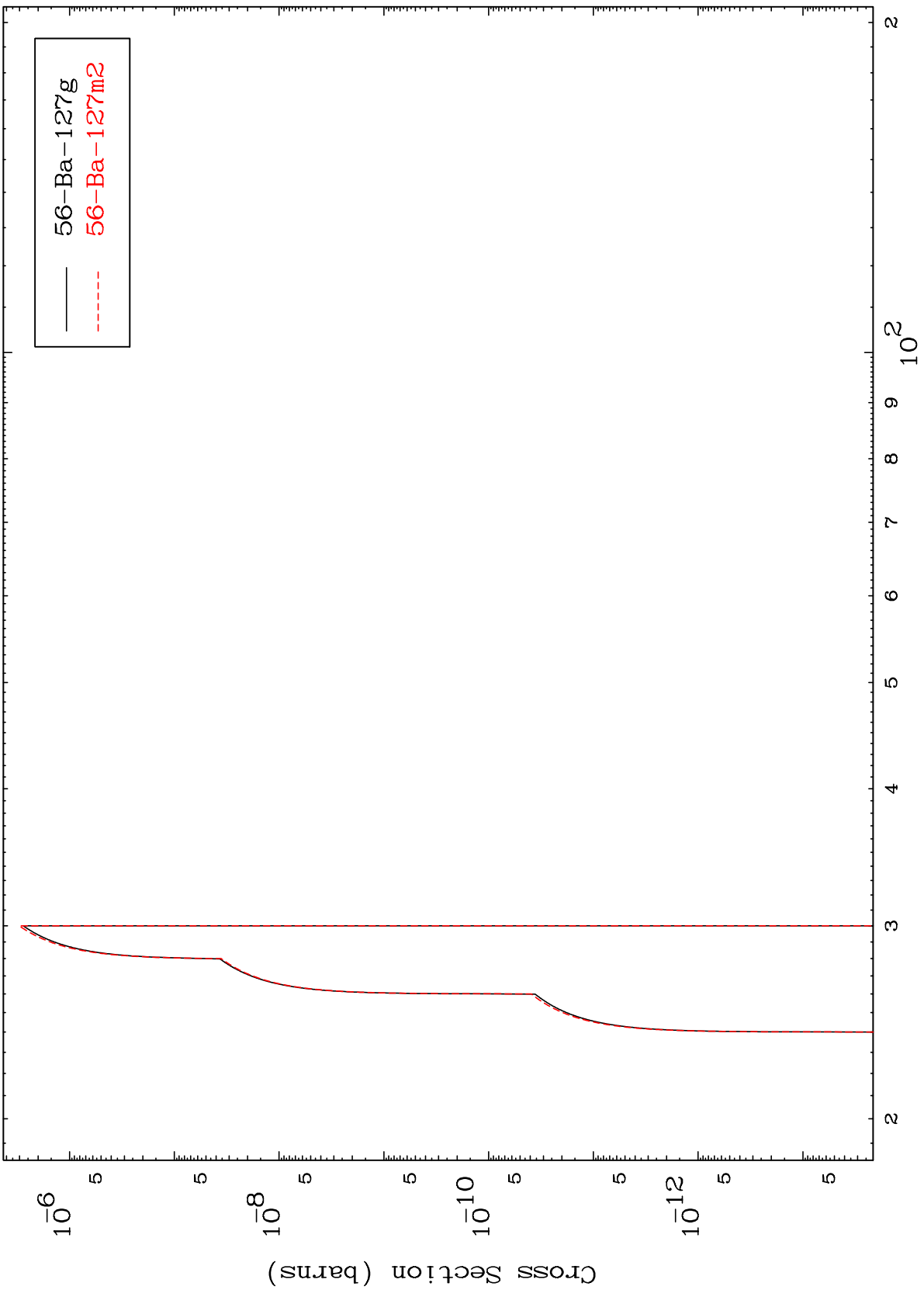
56-Ba-129

MAT 56222

56-Ba-129

(n,2n) α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

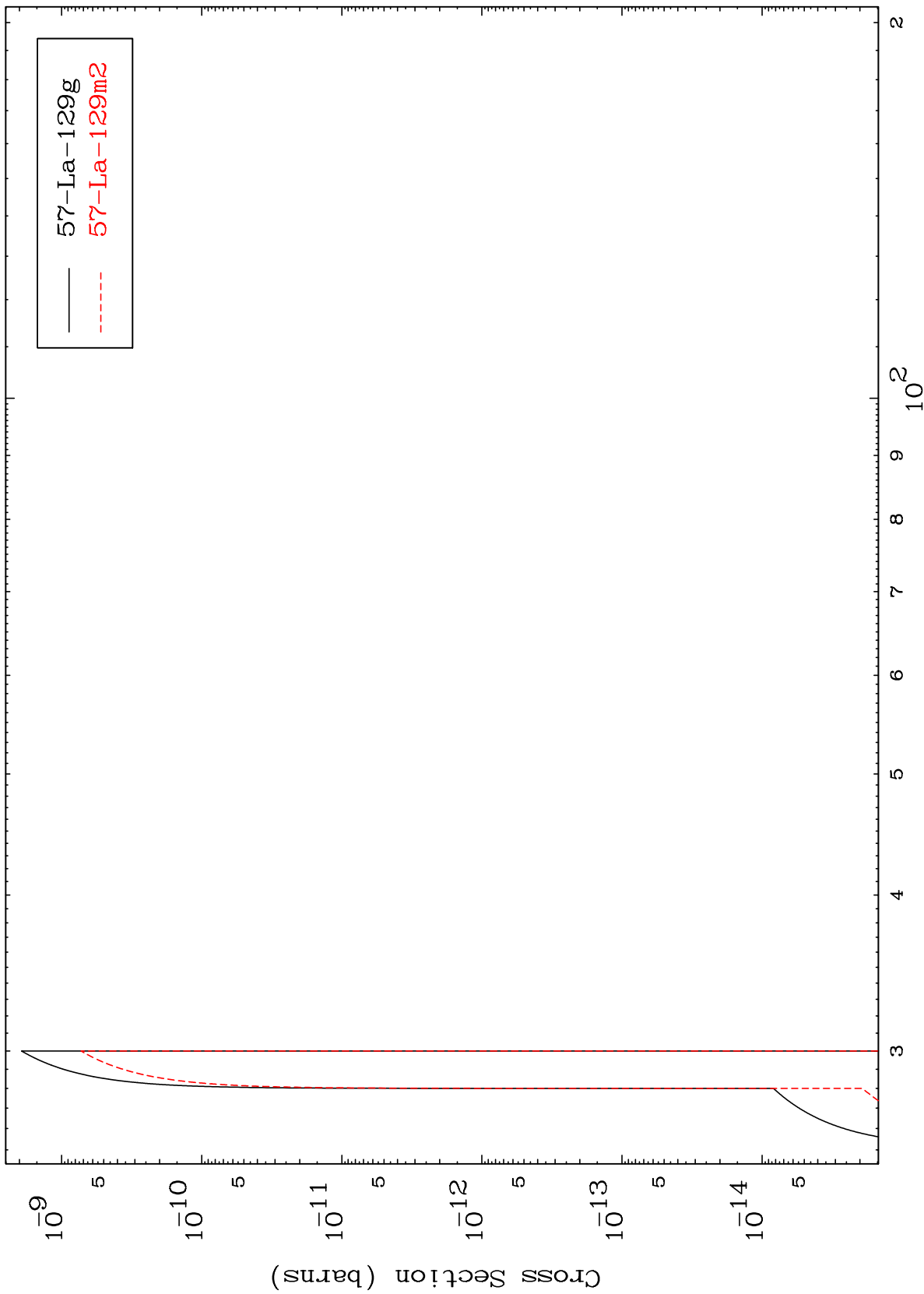
56-Ba-129

MAT 5622

(n,n') t

56-Ba-129

Radionuclide Production Cross Section



13

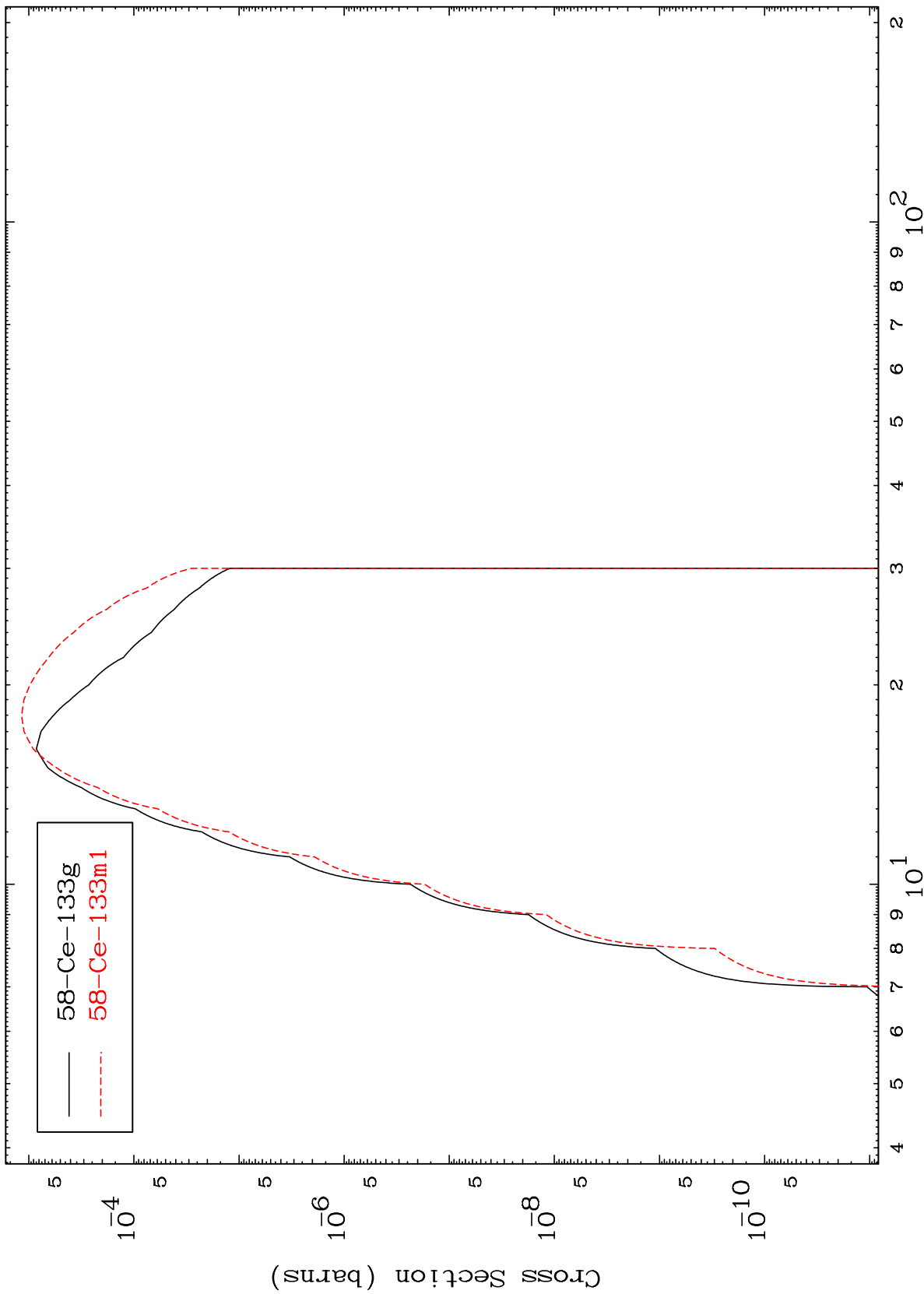
Incident Energy (MeV)

56-Ba-129

MAT 5622

56-Ba-129

(n, γ)
Radionuclide Production Cross Section



56-Ba-129

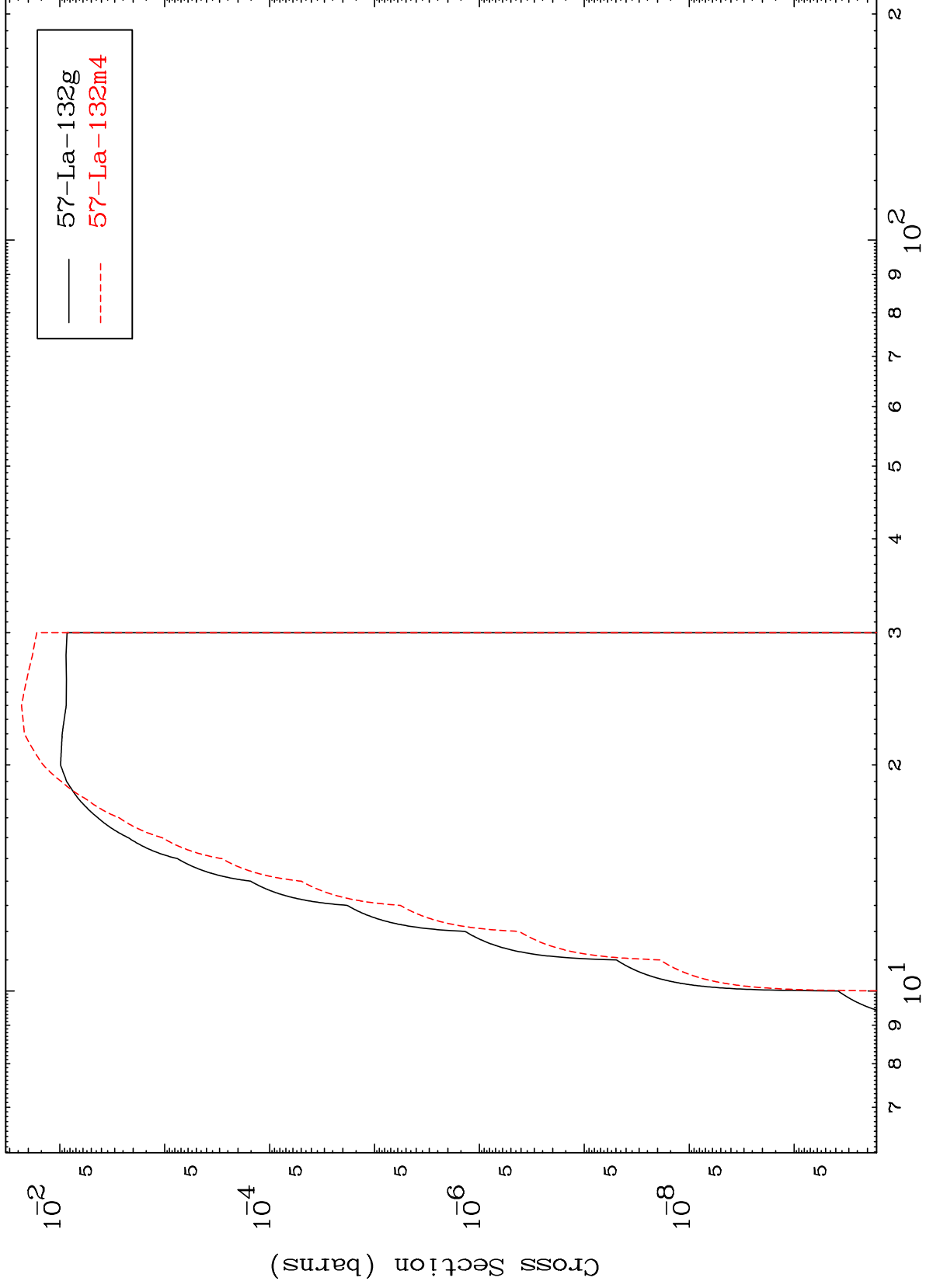
Incident Energy (MeV)

14

MAT 5622

56-Ba-129

(n,p)
Radionuclide Production Cross Section



15

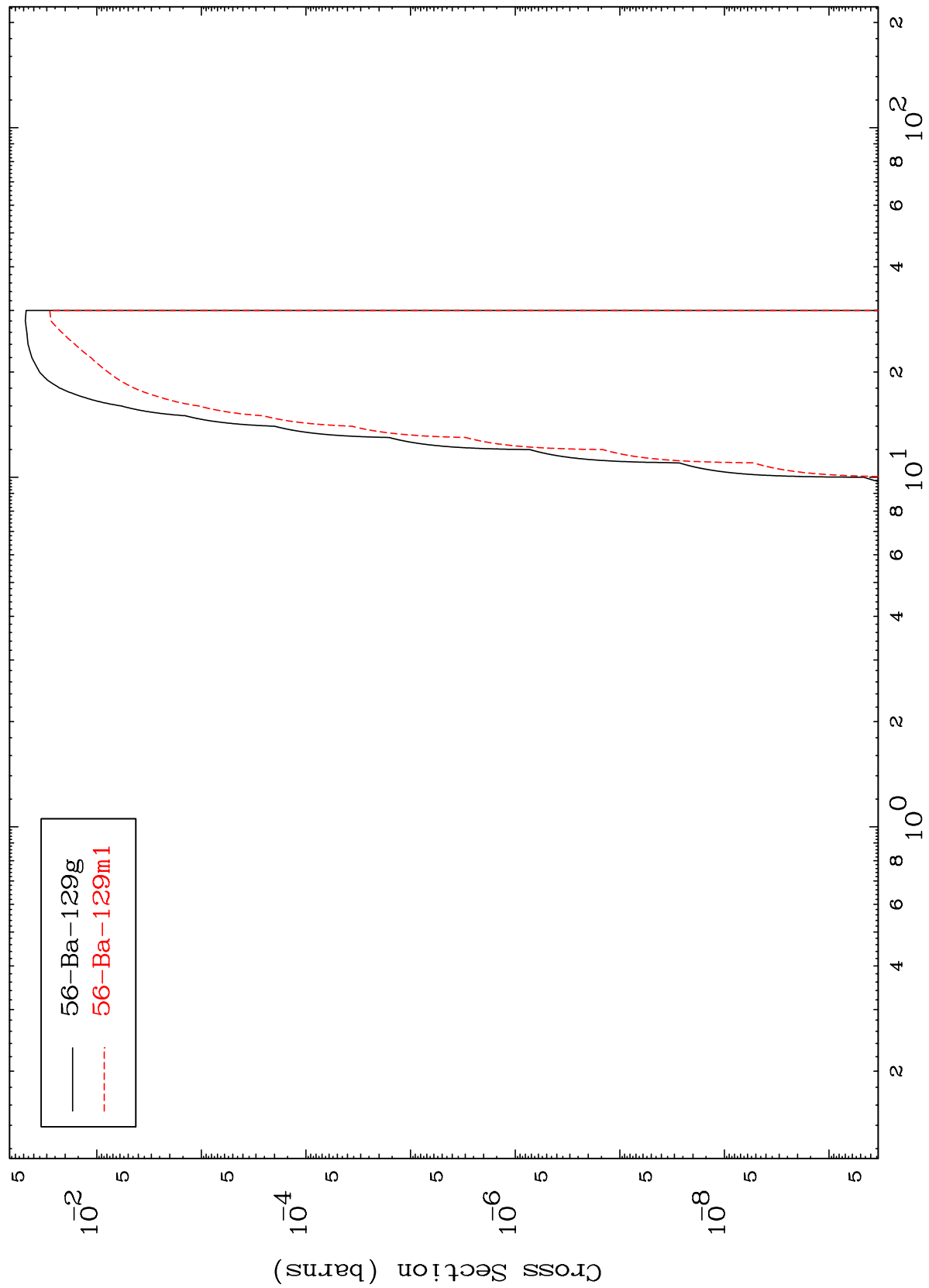
Incident Energy (MeV)

56-Ba-129

MAT 5622

56-Ba-129

Radionuclide Production Cross Section
(n, α)



56-Ba-129

Incident Energy (MeV)

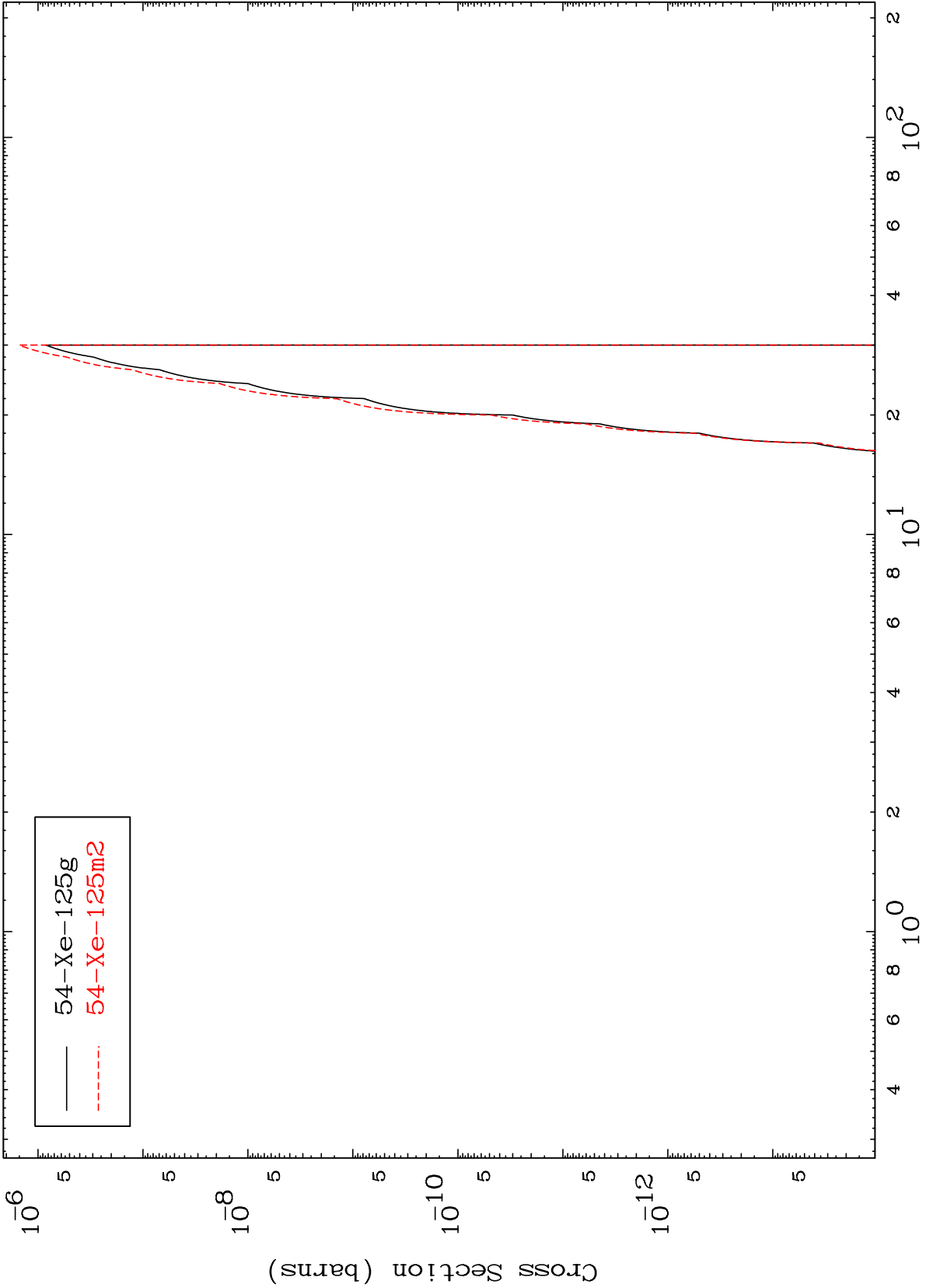
16

MAT 5622

(n,2α)

56-Ba-129

Radionuclide Production Cross Section

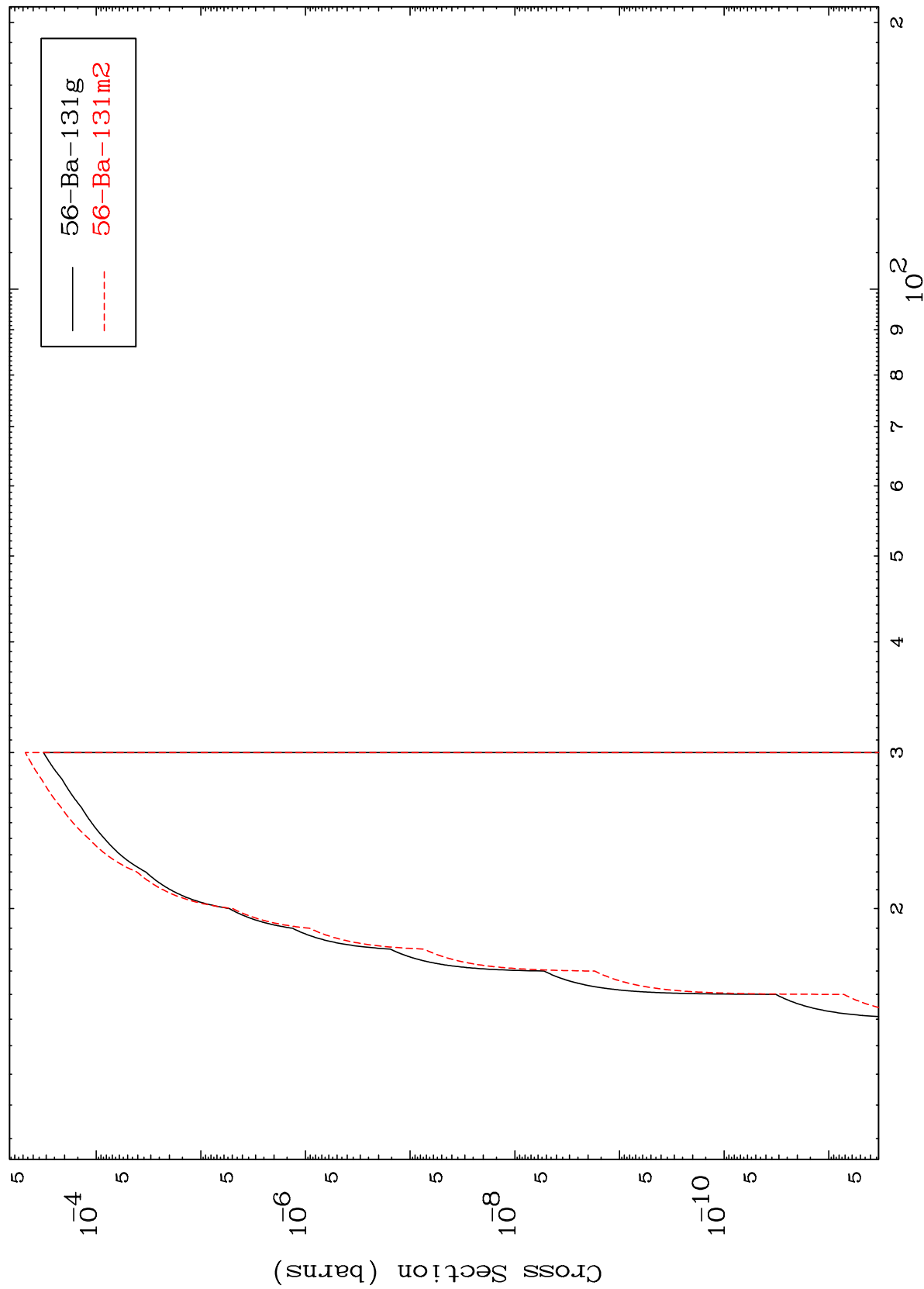


54-Xe-125g
54-Xe-125m2

MAT 5622

56-Ba-129

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

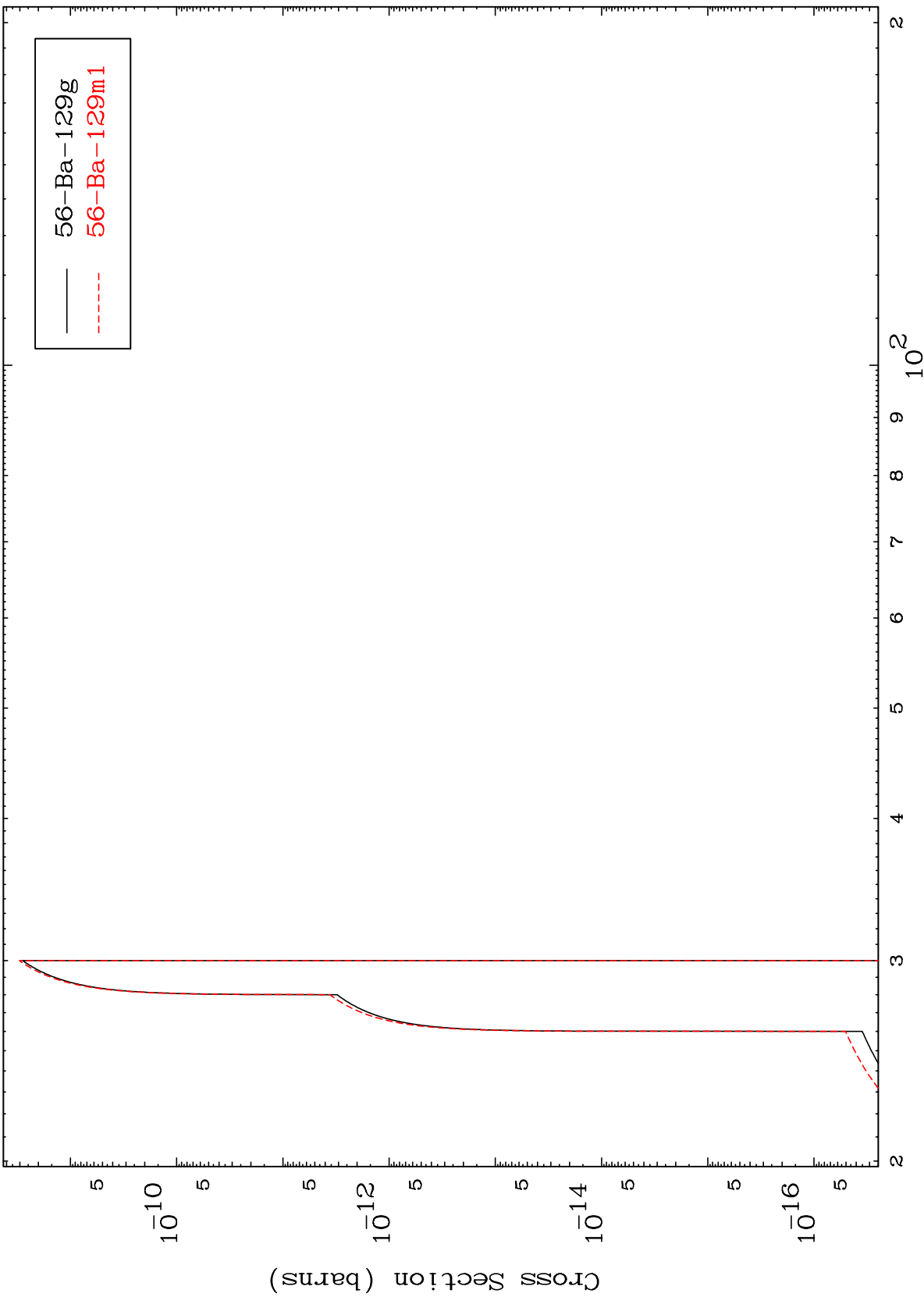
56-Ba-129

MAT 5622

(n,p) t

56-Ba-129

Radionuclide Production Cross Section



19

Incident Energy (MeV)

56-Ba-129