

Program EVALPLOT
(Version 2021-1)

by

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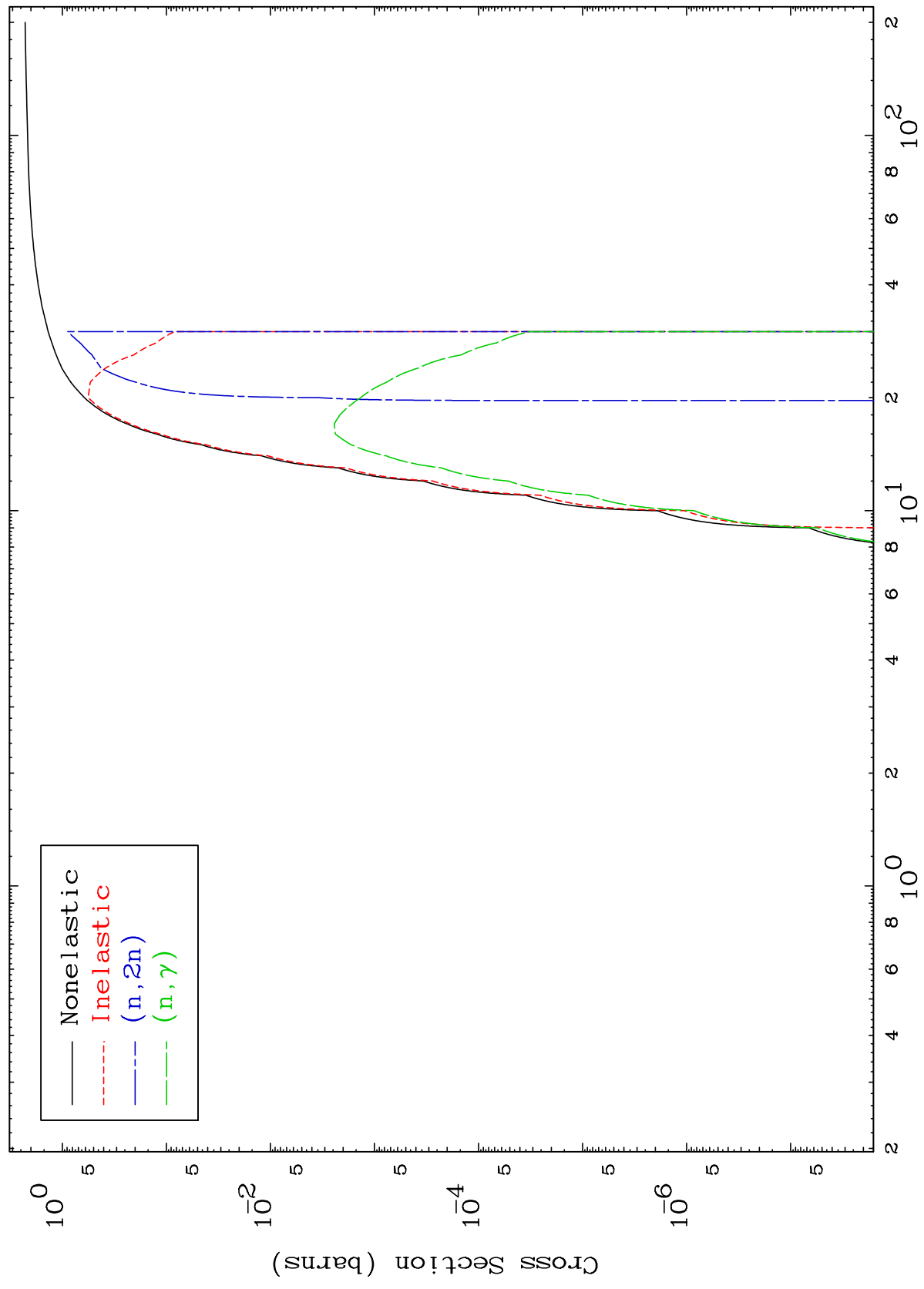
Press Mouse Button to Start

MAT 5623

0 Kelvin

α Major Cross Sections

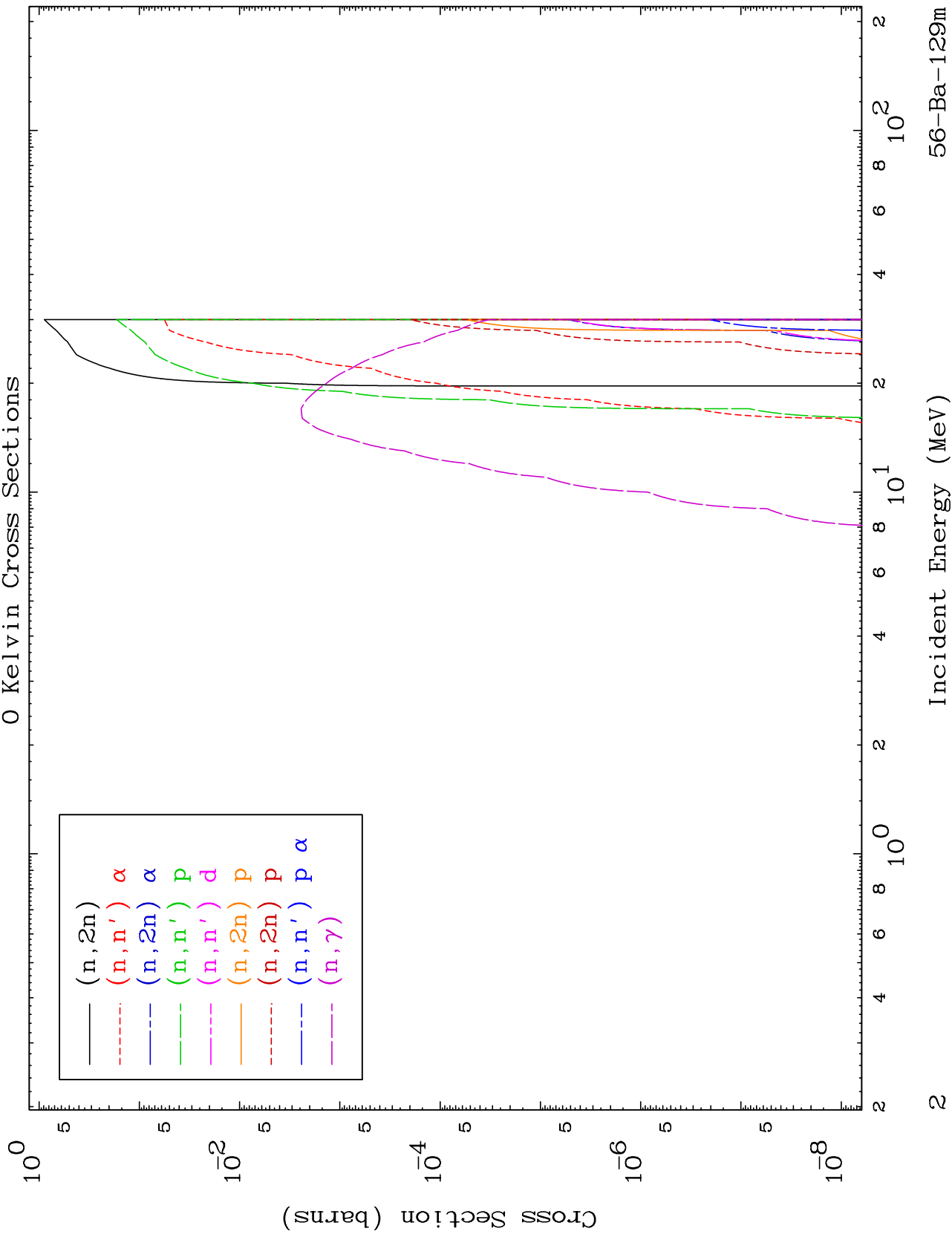
56-Ba-129m



MAT 5623

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-129m



56-Ba-129m

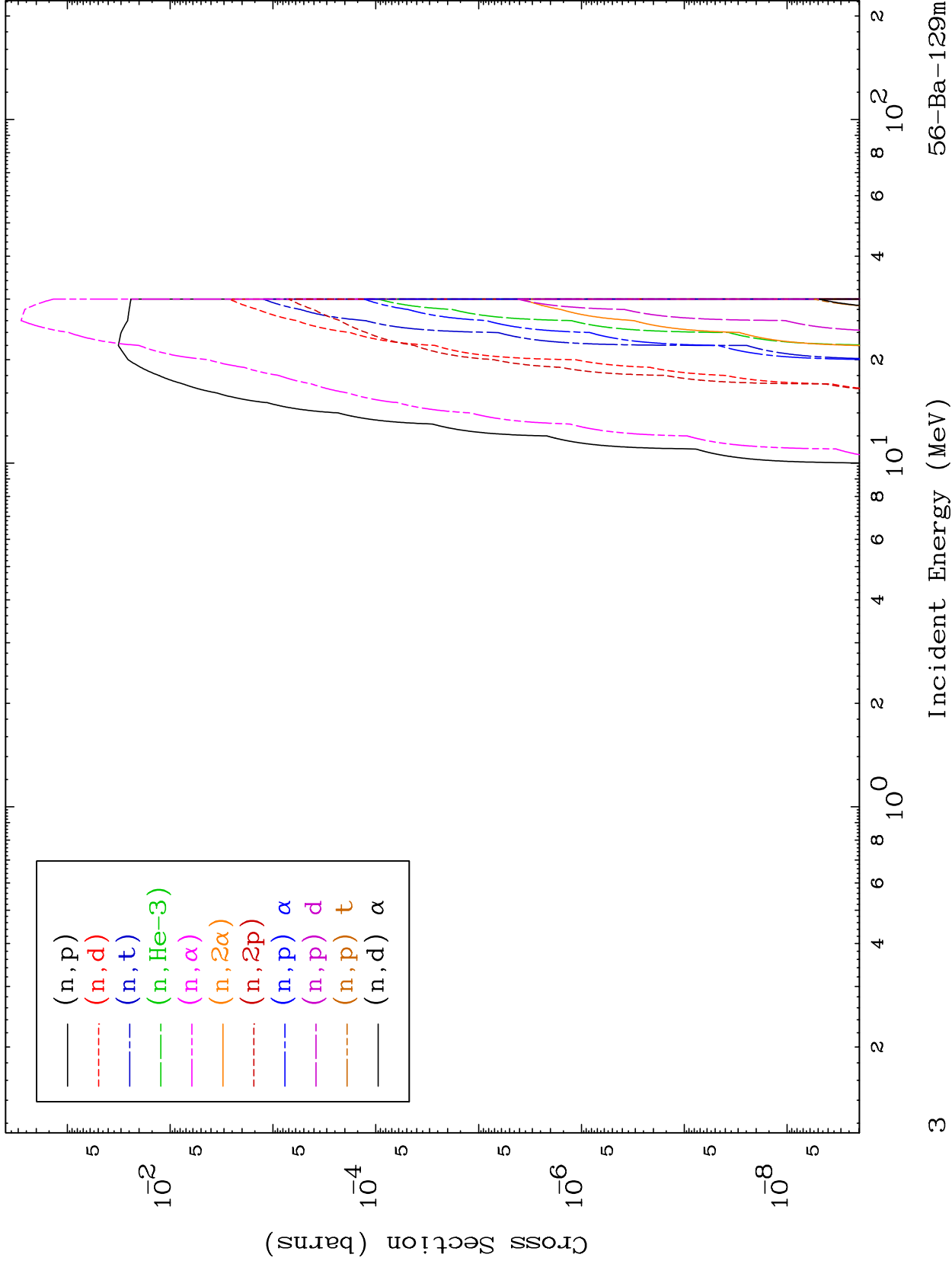
Incident Energy (MeV)

2

MAT 5623

α Neutron Absorption
0 Kelvin Cross Sections

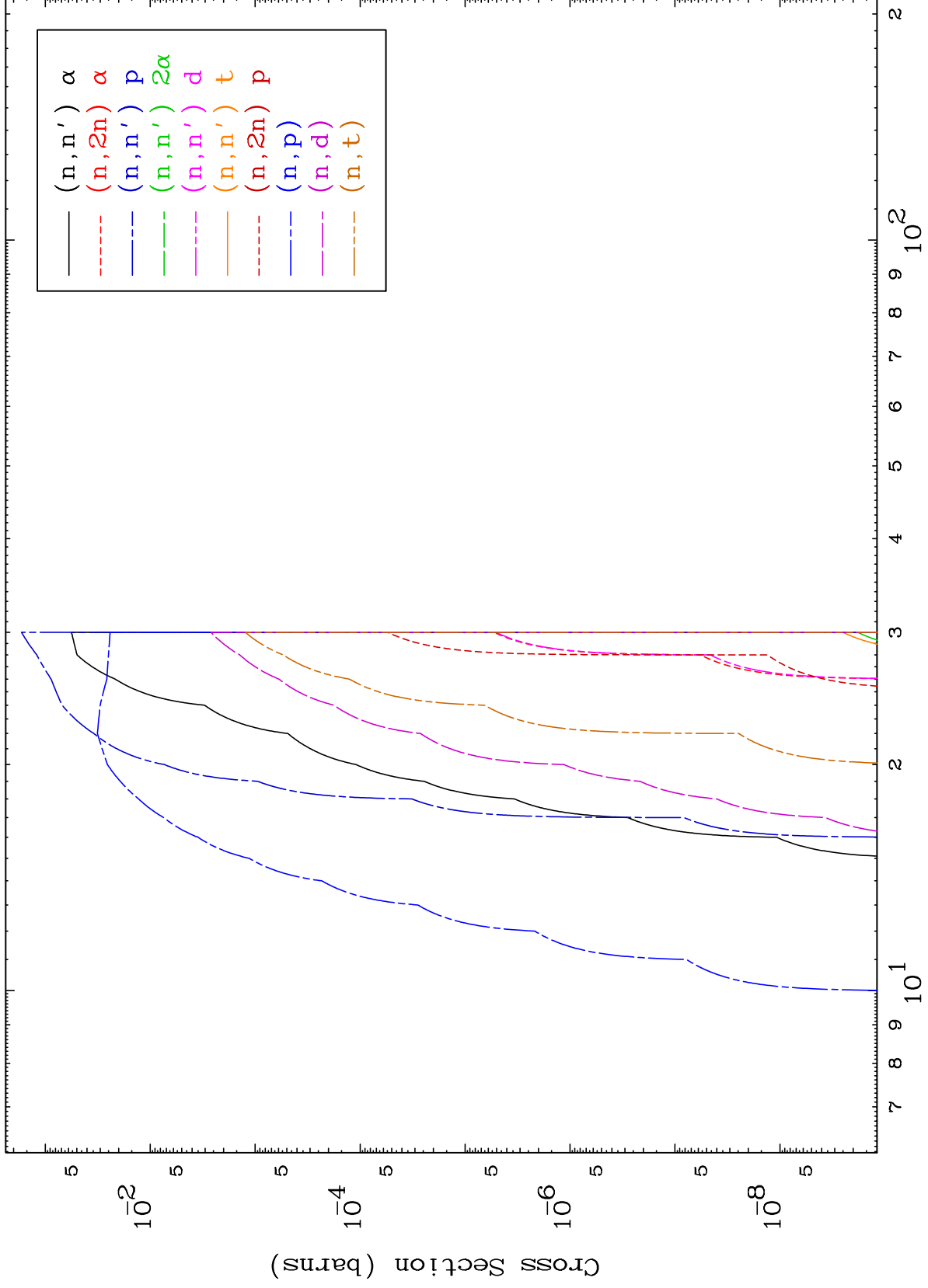
56-Ba-129m

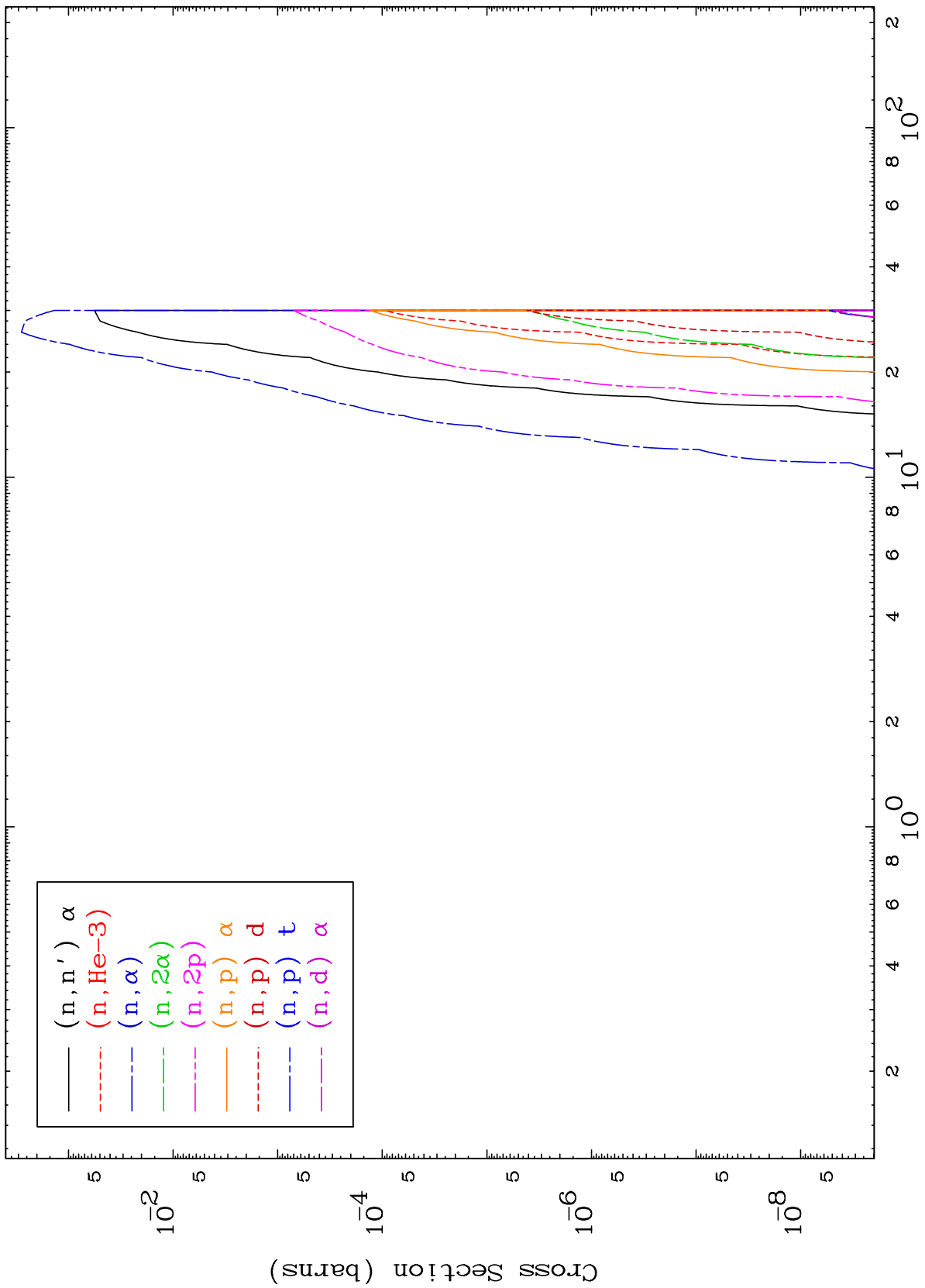


MAT 5623

α Charged Particle
0 Kelvin Cross Sections

56-Ba-129m

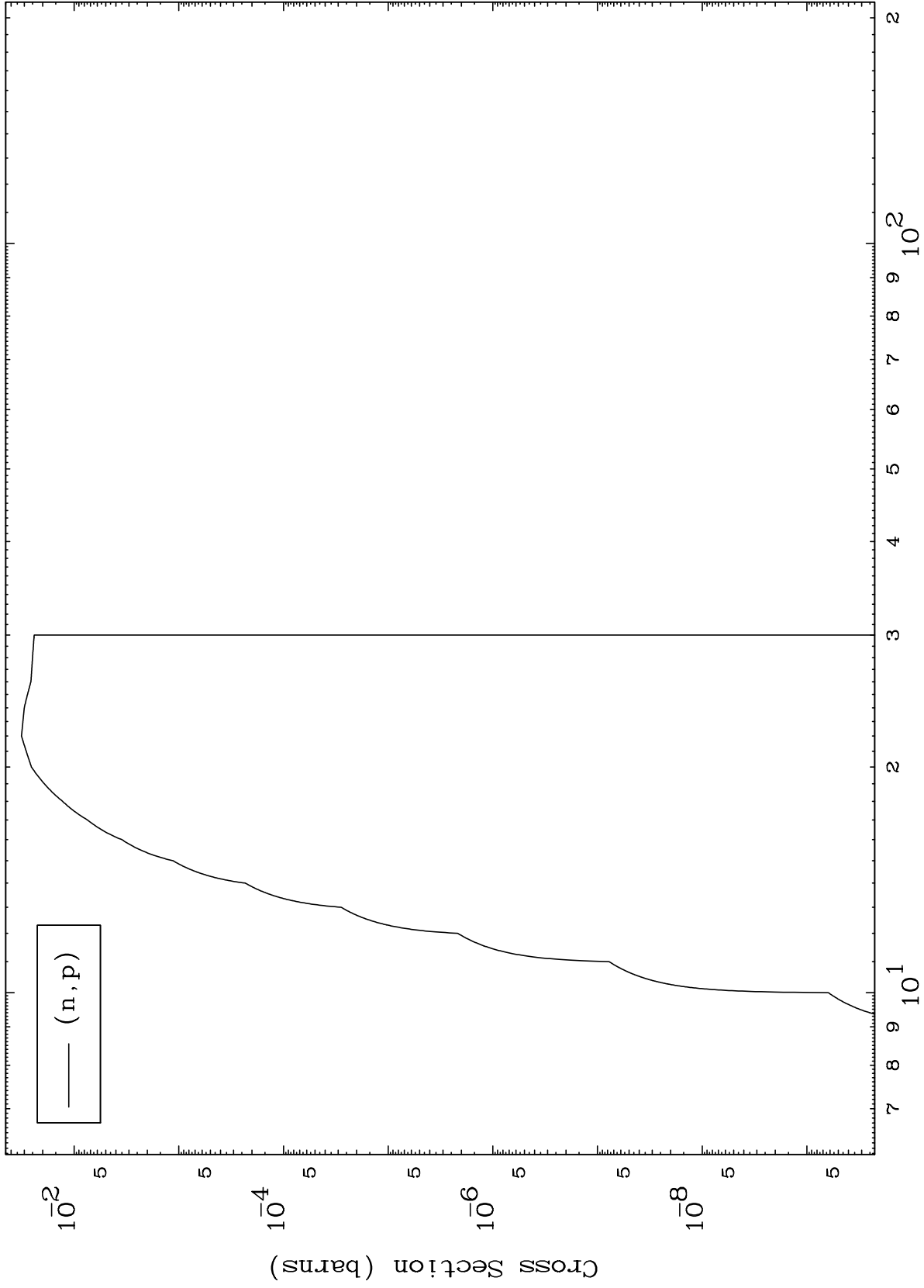




MAT 5623

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-129m



6

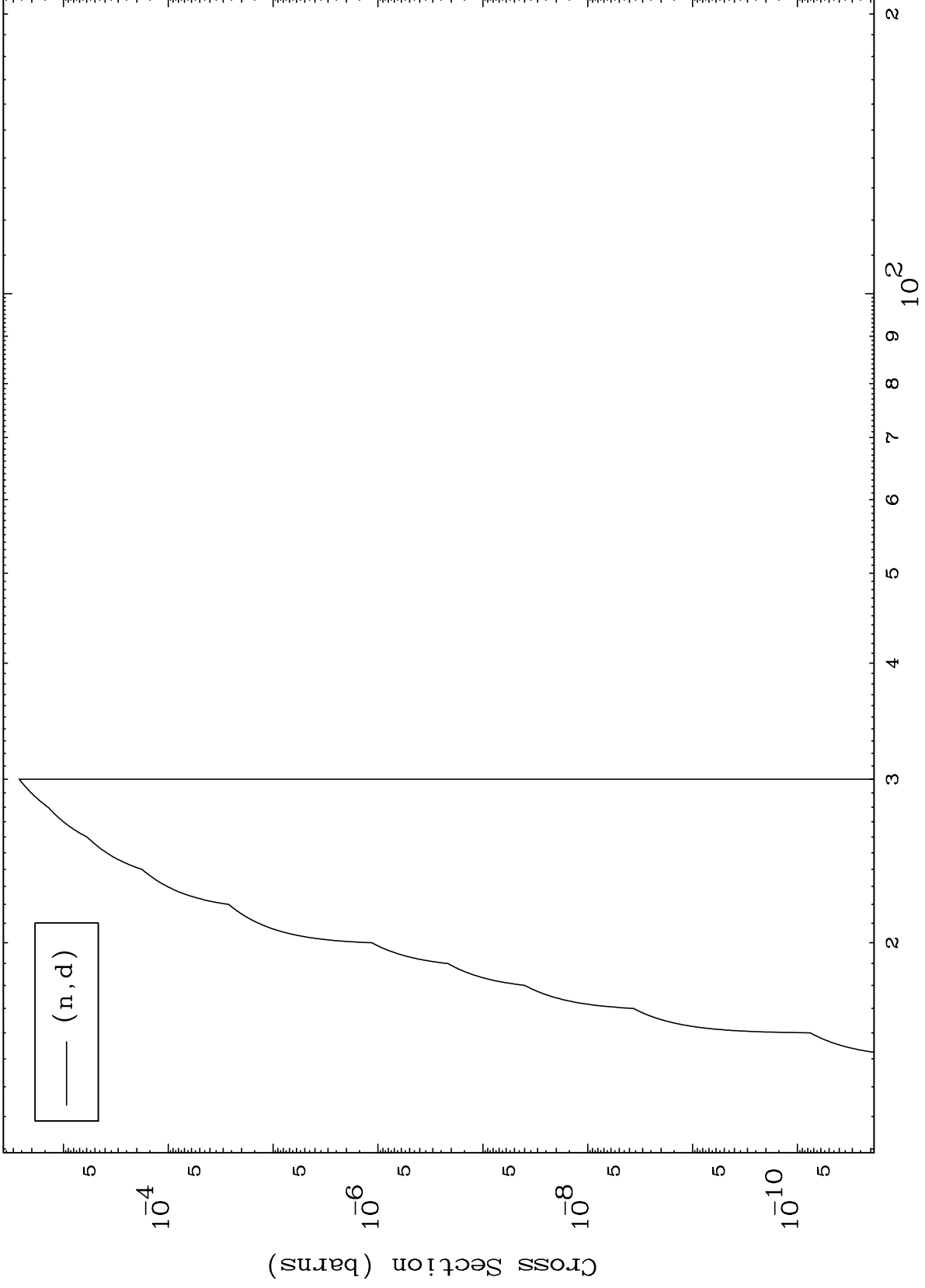
Incident Energy (MeV)

56-Ba-129m

MAT 5623

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-129m



7

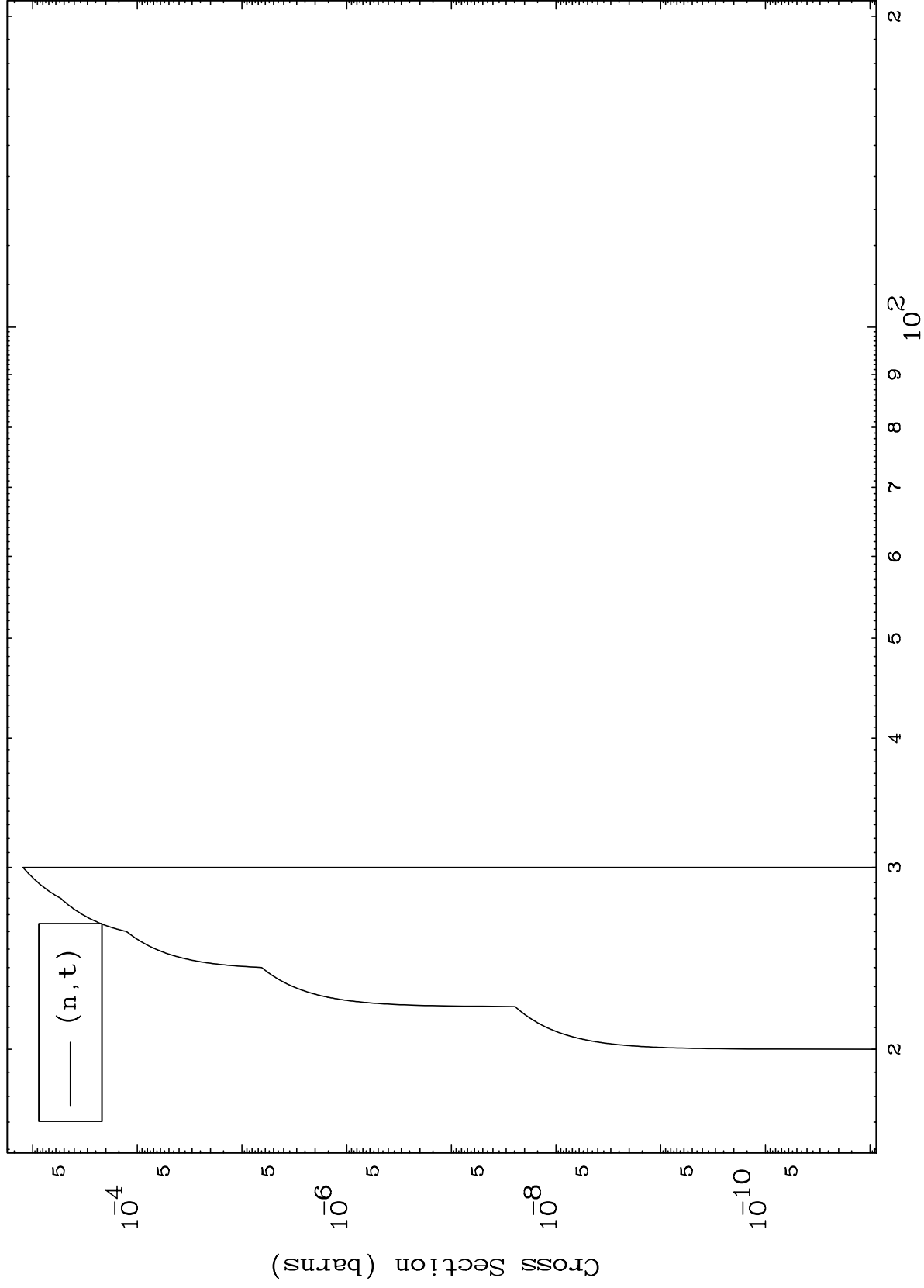
Incident Energy (MeV)

56-Ba-129m

MAT 5623

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-129m



8

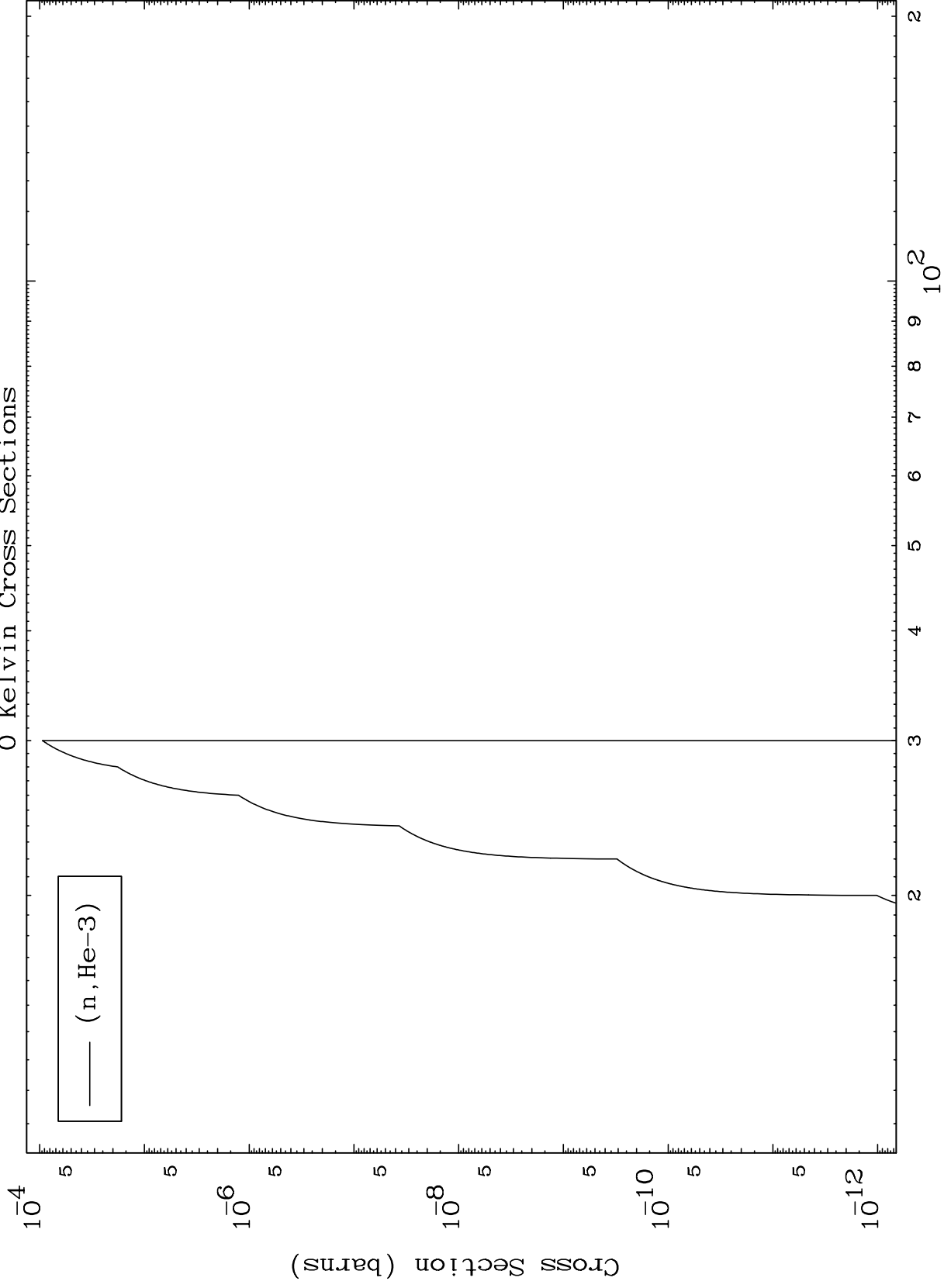
Incident Energy (MeV)

56-Ba-129m

MAT 5623

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

56-Ba-129m

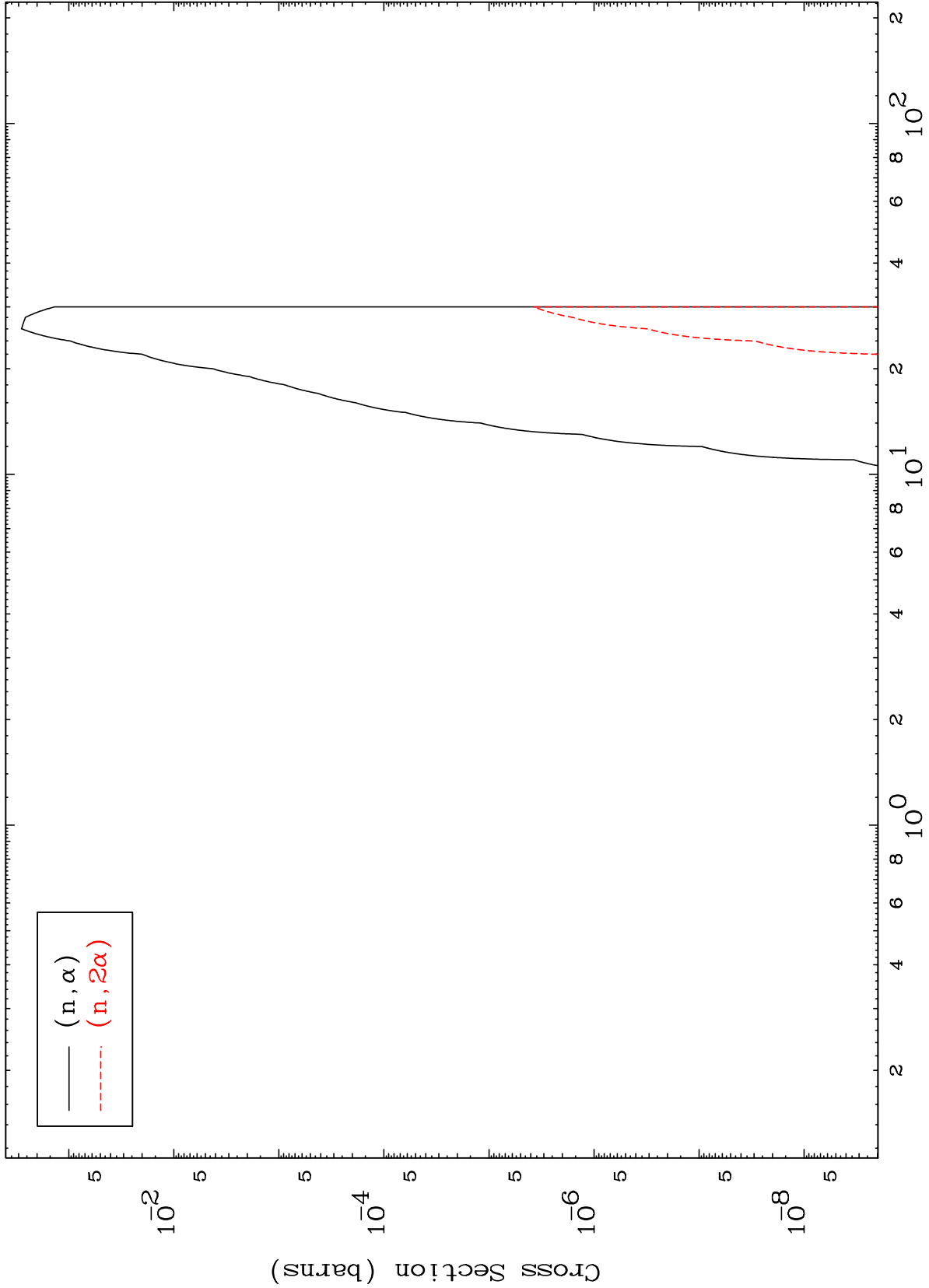


MAT 5623

(α, α) Levels

56-Ba-129m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

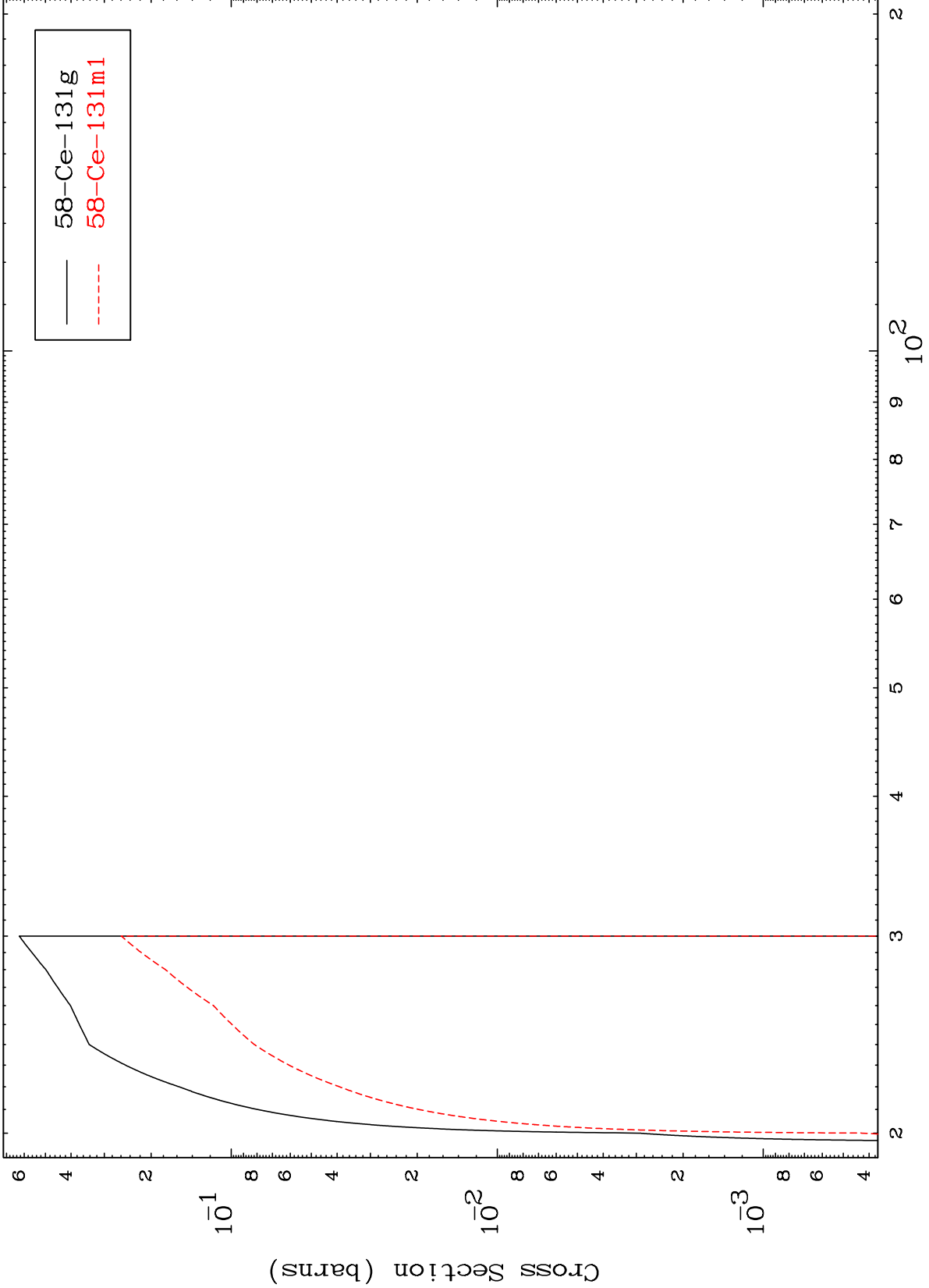
56-Ba-129m

MAT 5623

(n,2n)

56-Ba-129m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

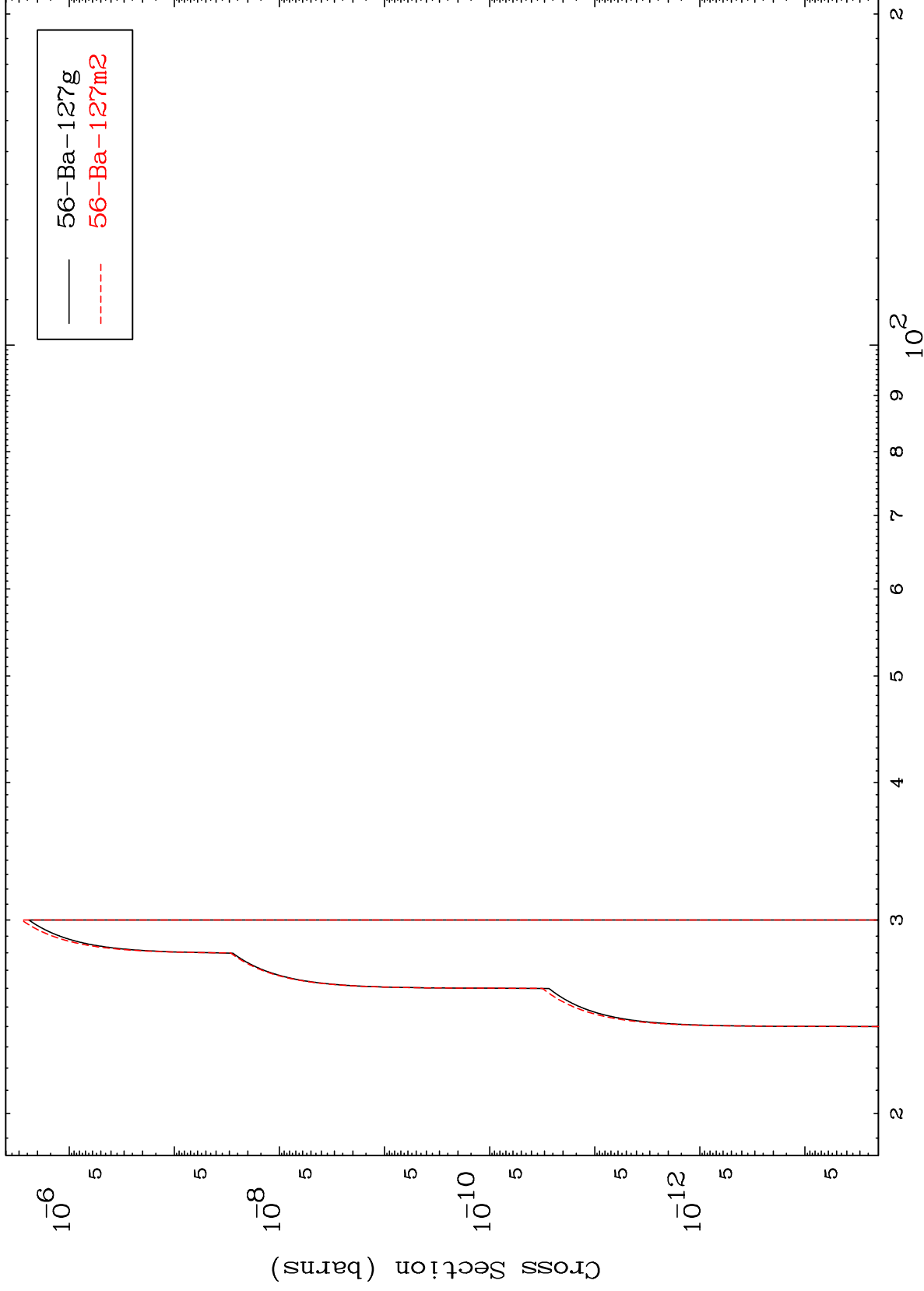
56-Ba-129m

MAT 5623

(n,2n) α

56-Ba-129m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

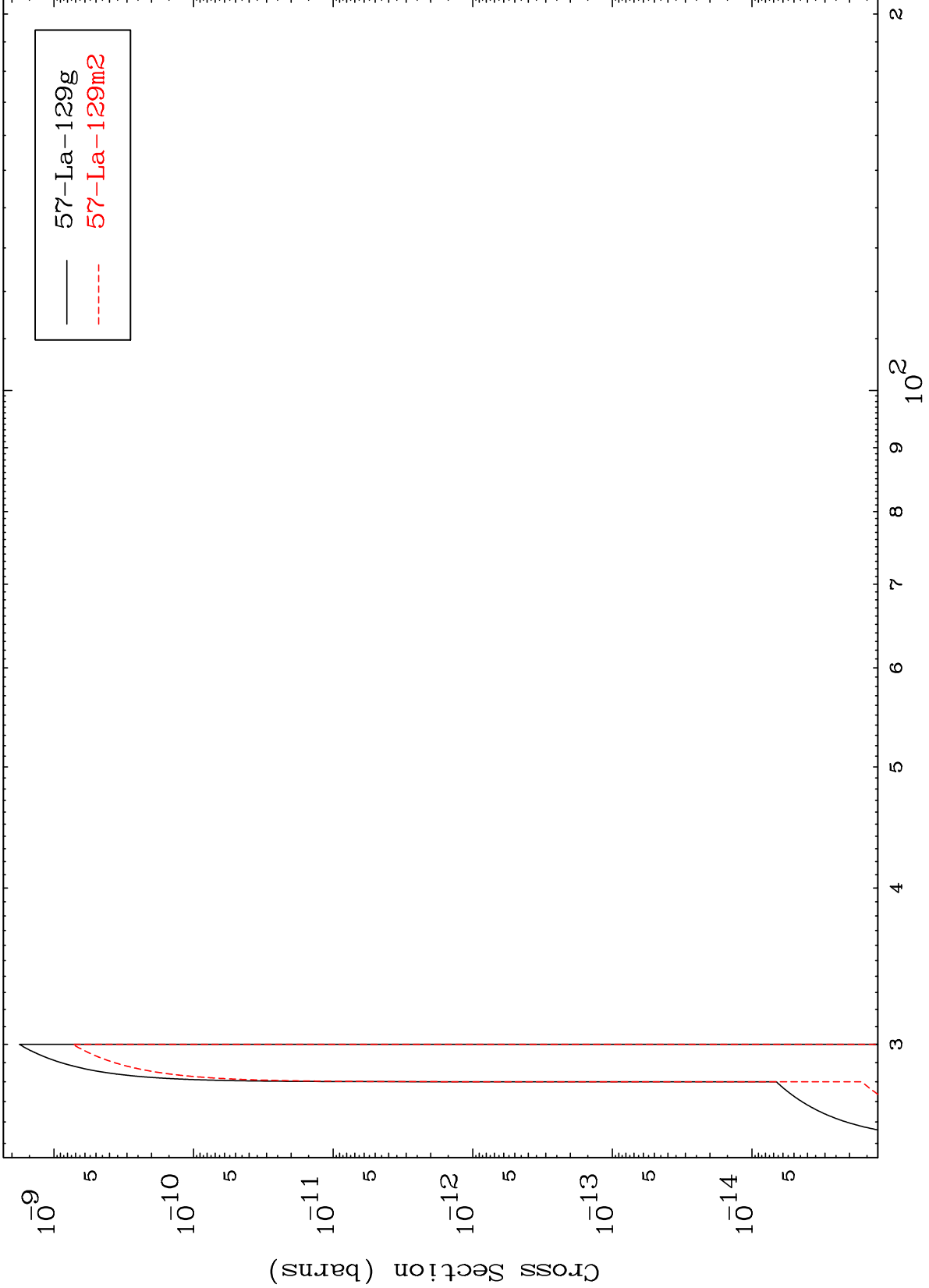
56-Ba-129m

MAT 5623

(n,n') t

56-Ba-129m

Radionuclide Production Cross Section



13

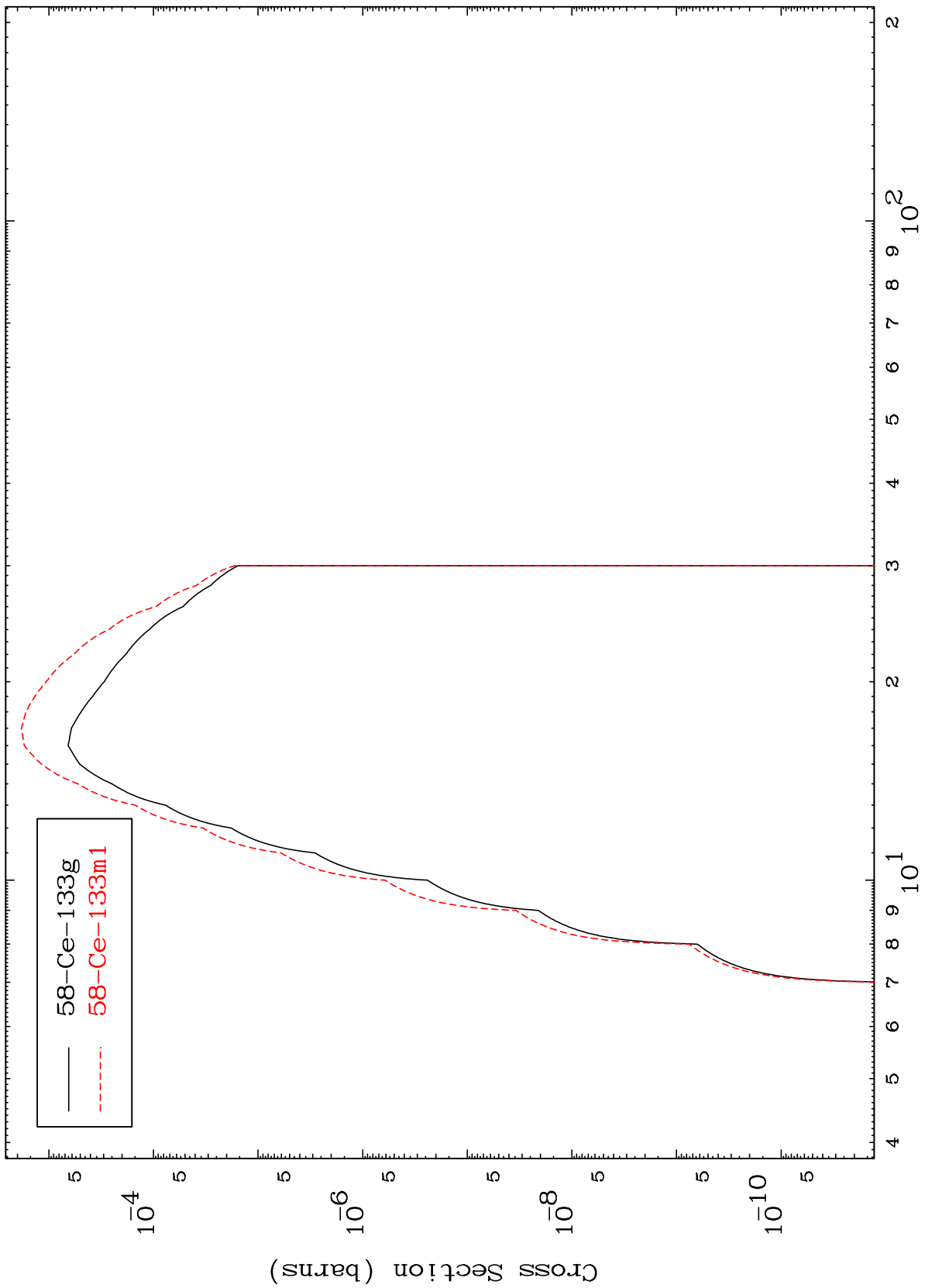
Incident Energy (MeV)

56-Ba-129m

MAT 5623

56-Ba-129m

Radionuclide Production Cross Section



14

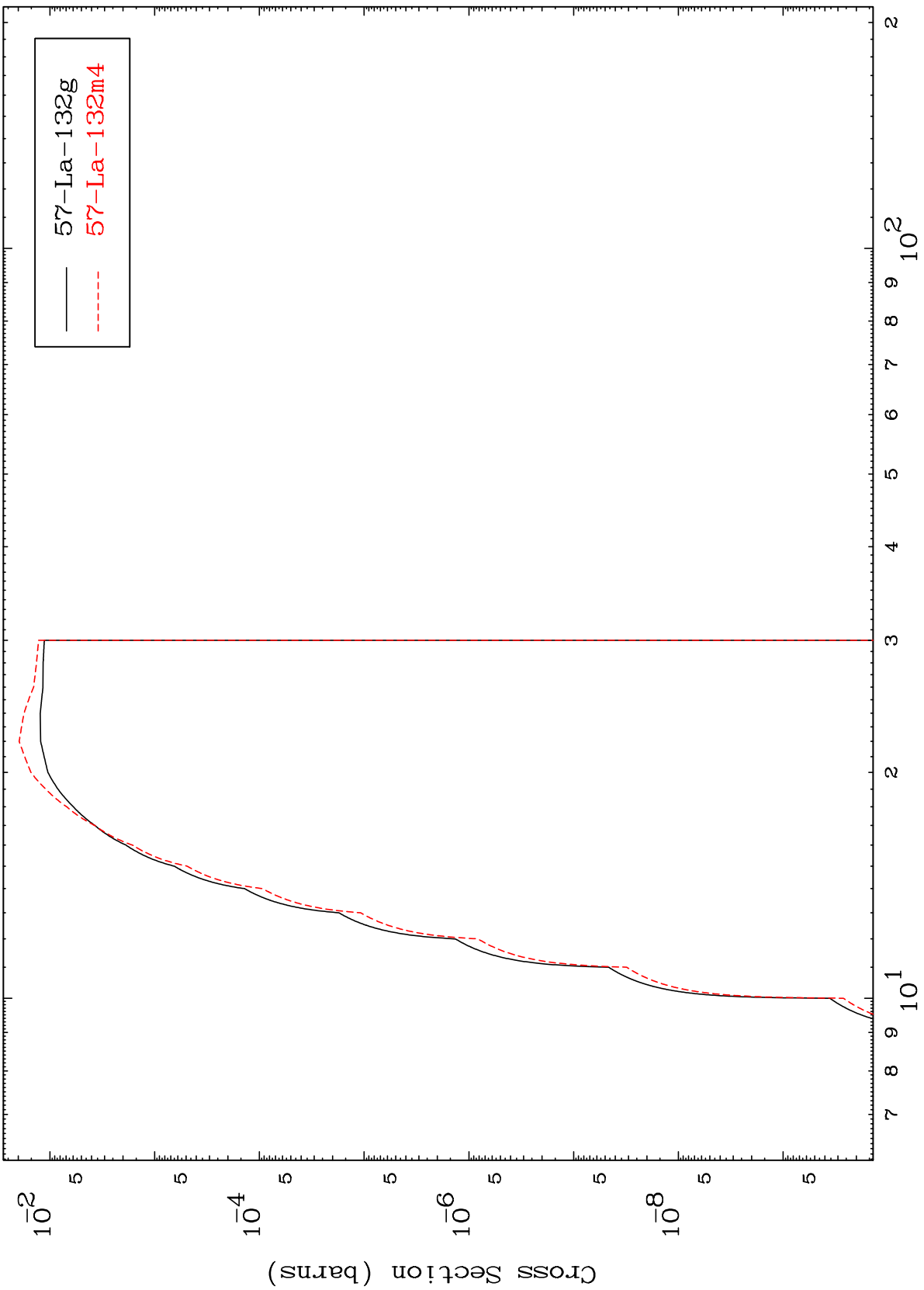
Incident Energy (MeV)

56-Ba-129m

MAT 5623

56-Ba-129m

(n,p)
Radionuclide Production Cross Section



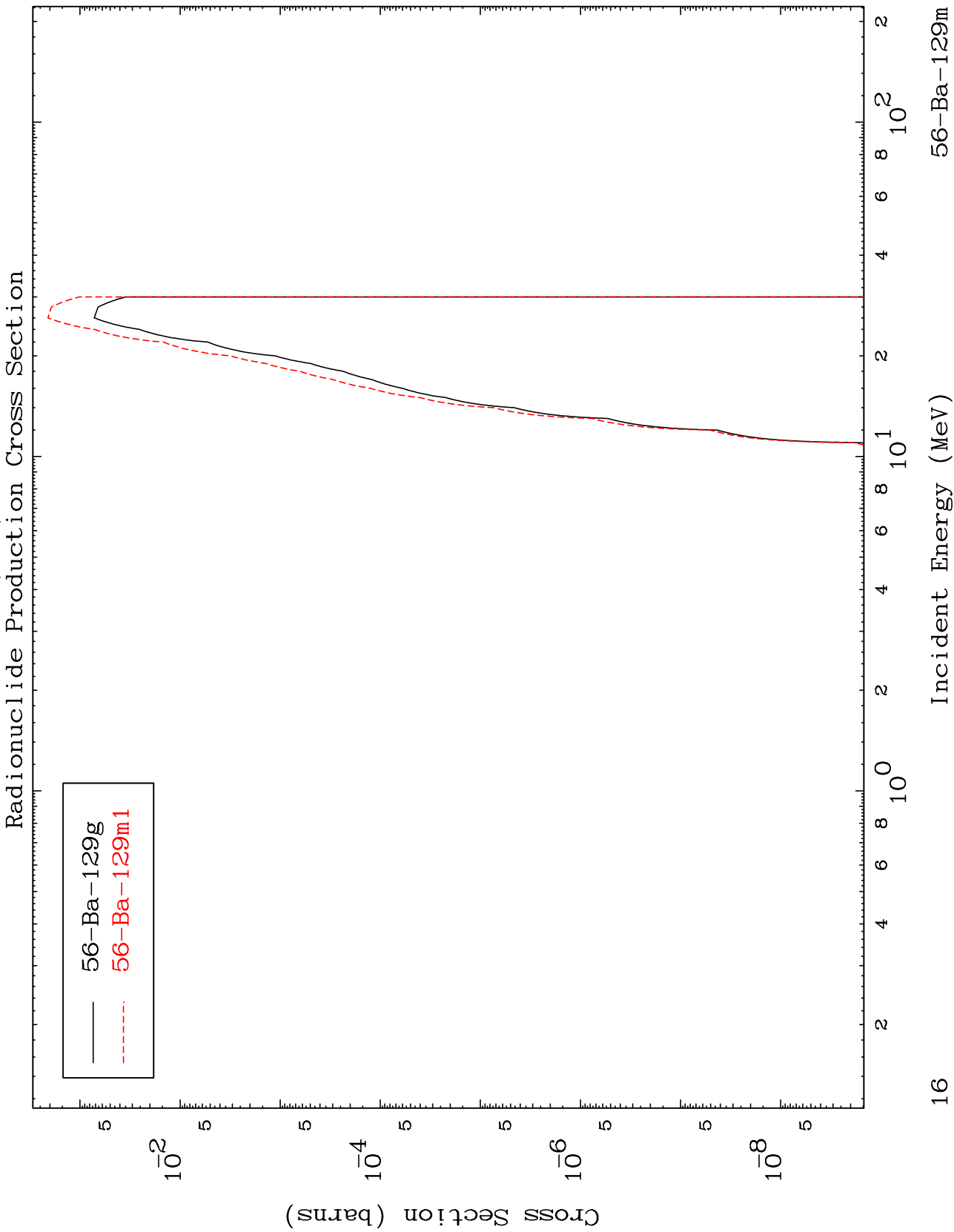
15

Incident Energy (MeV)

56-Ba-129m

MAT 5623

56-Ba-129m

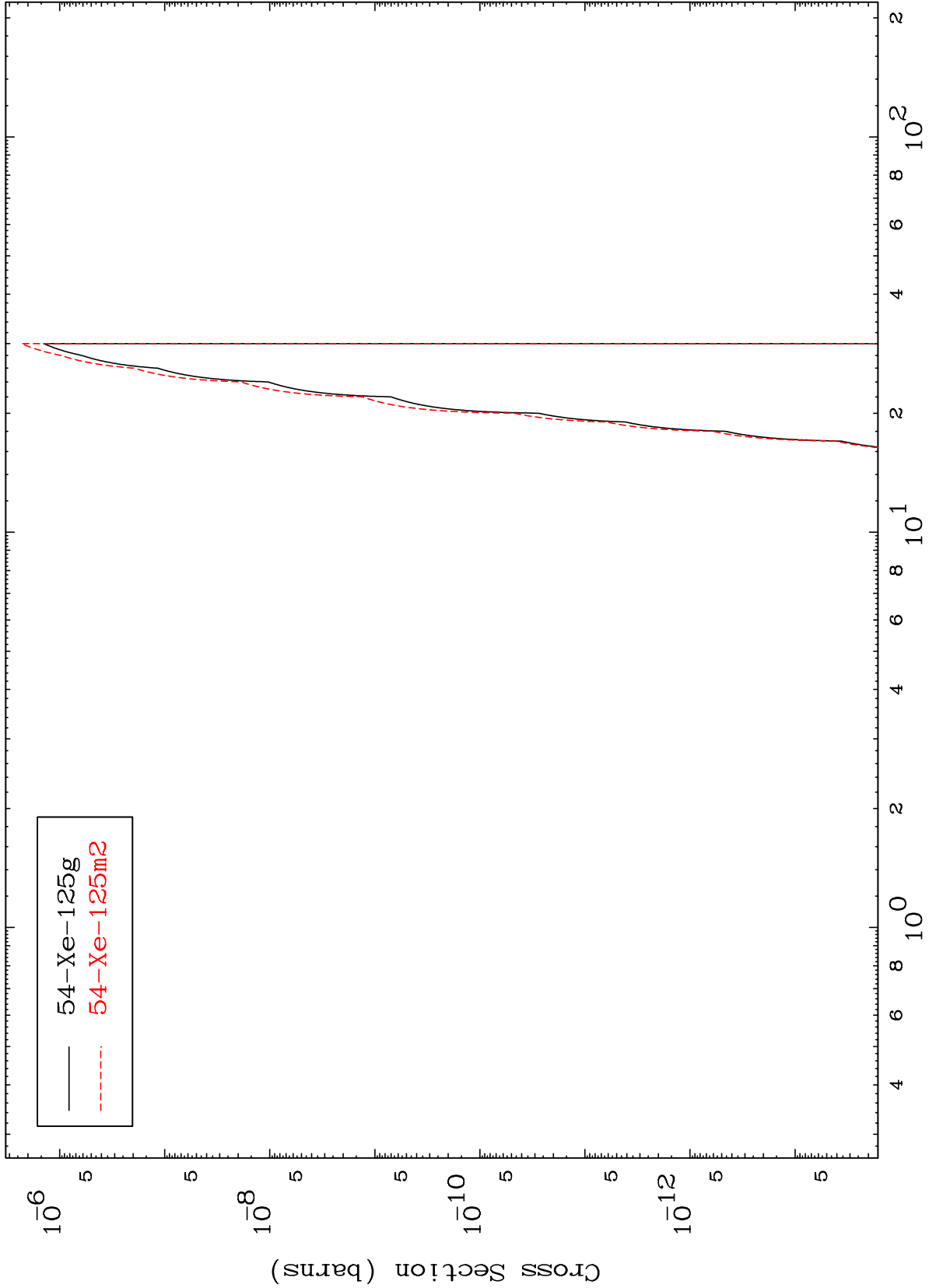


MAT 5623

(n,2α)

56-Ba-129m

Radionuclide Production Cross Section



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

17

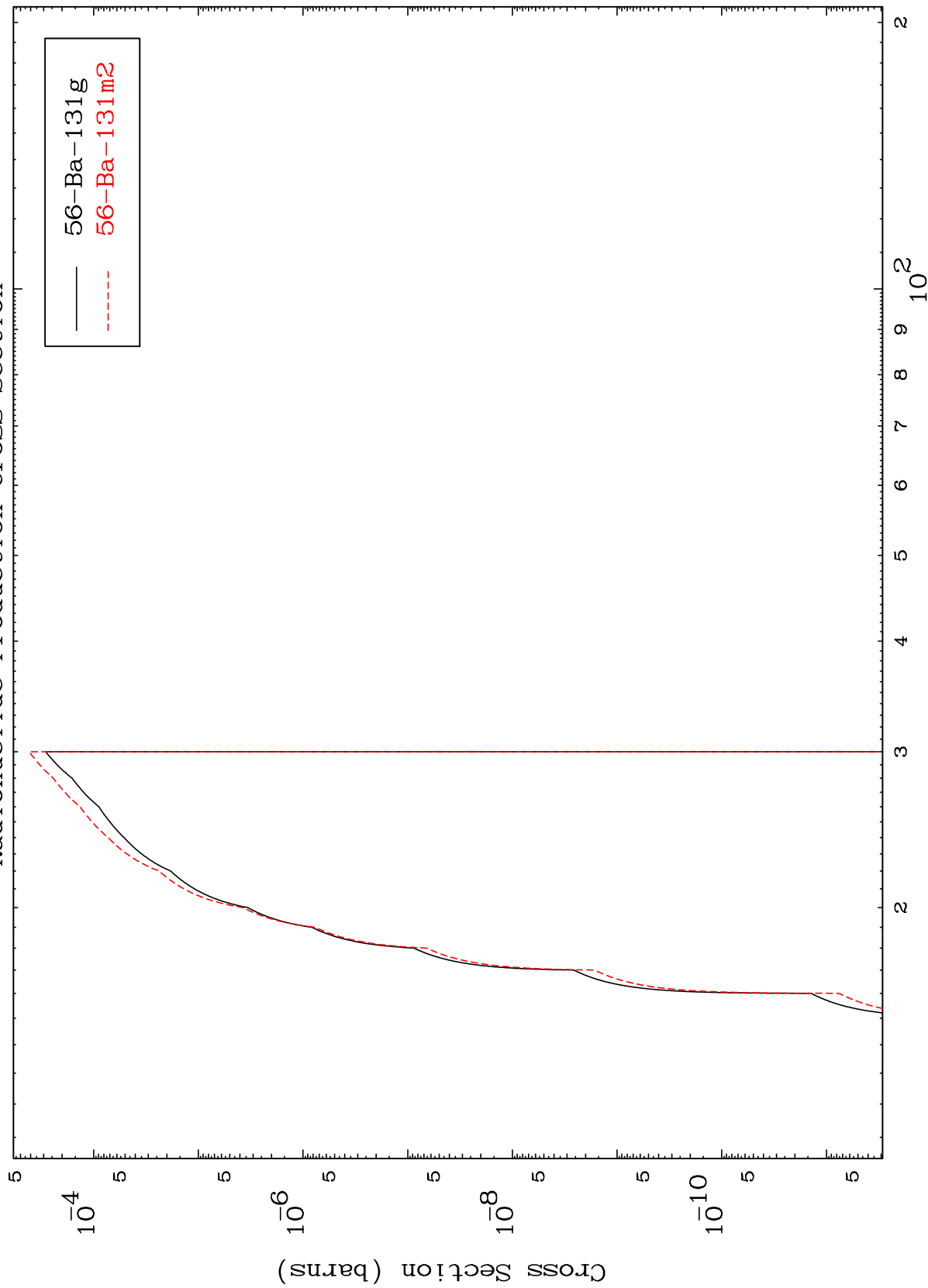
Incident Energy (MeV)

56-Ba-129m

MAT 5623

56-Ba-129m

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

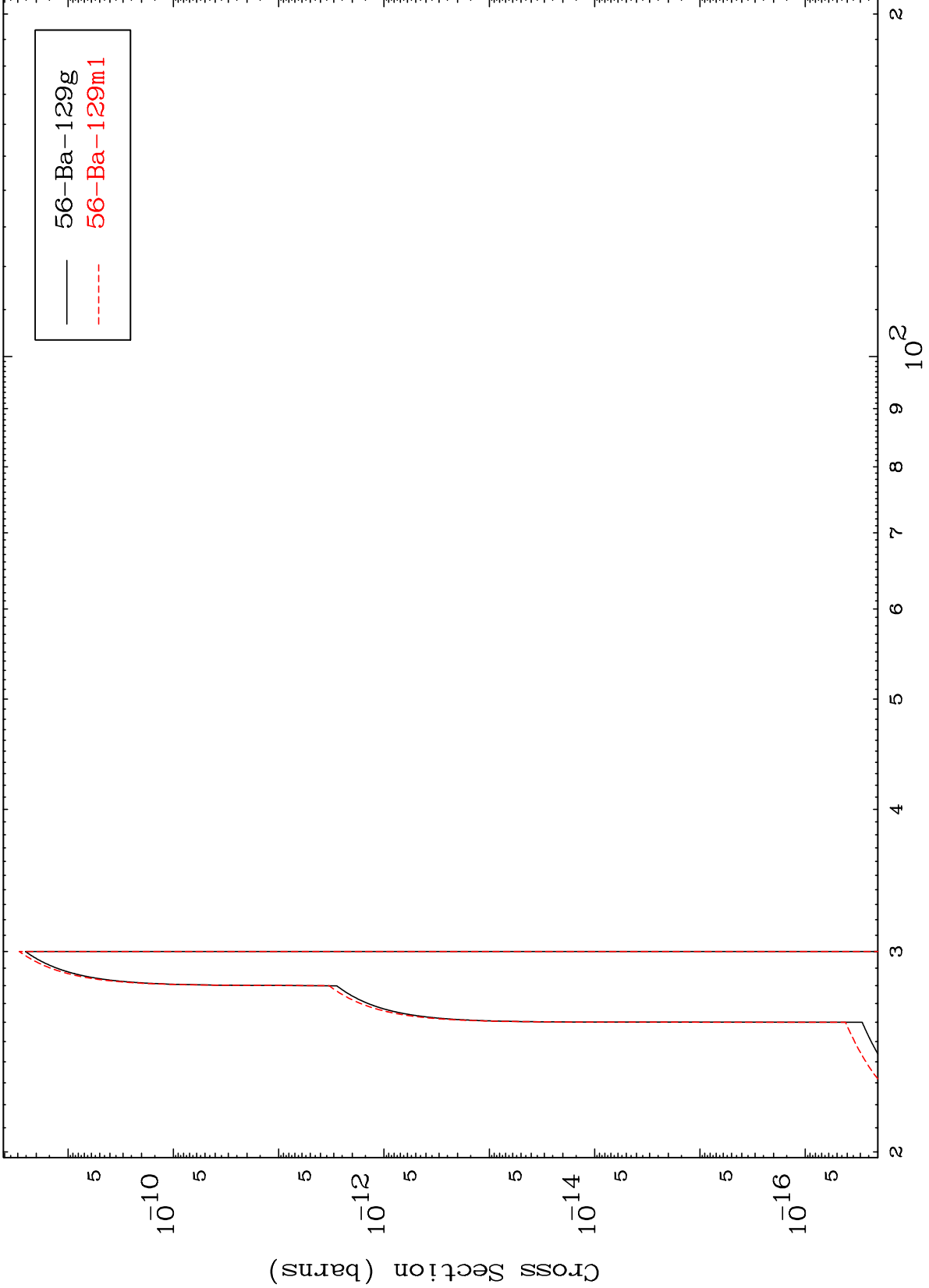
56-Ba-129m

MAT 5623

(n,p) t

56-Ba-129m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

56-Ba-129m