

Program EVALPLOT
(Version 2021-1)

by

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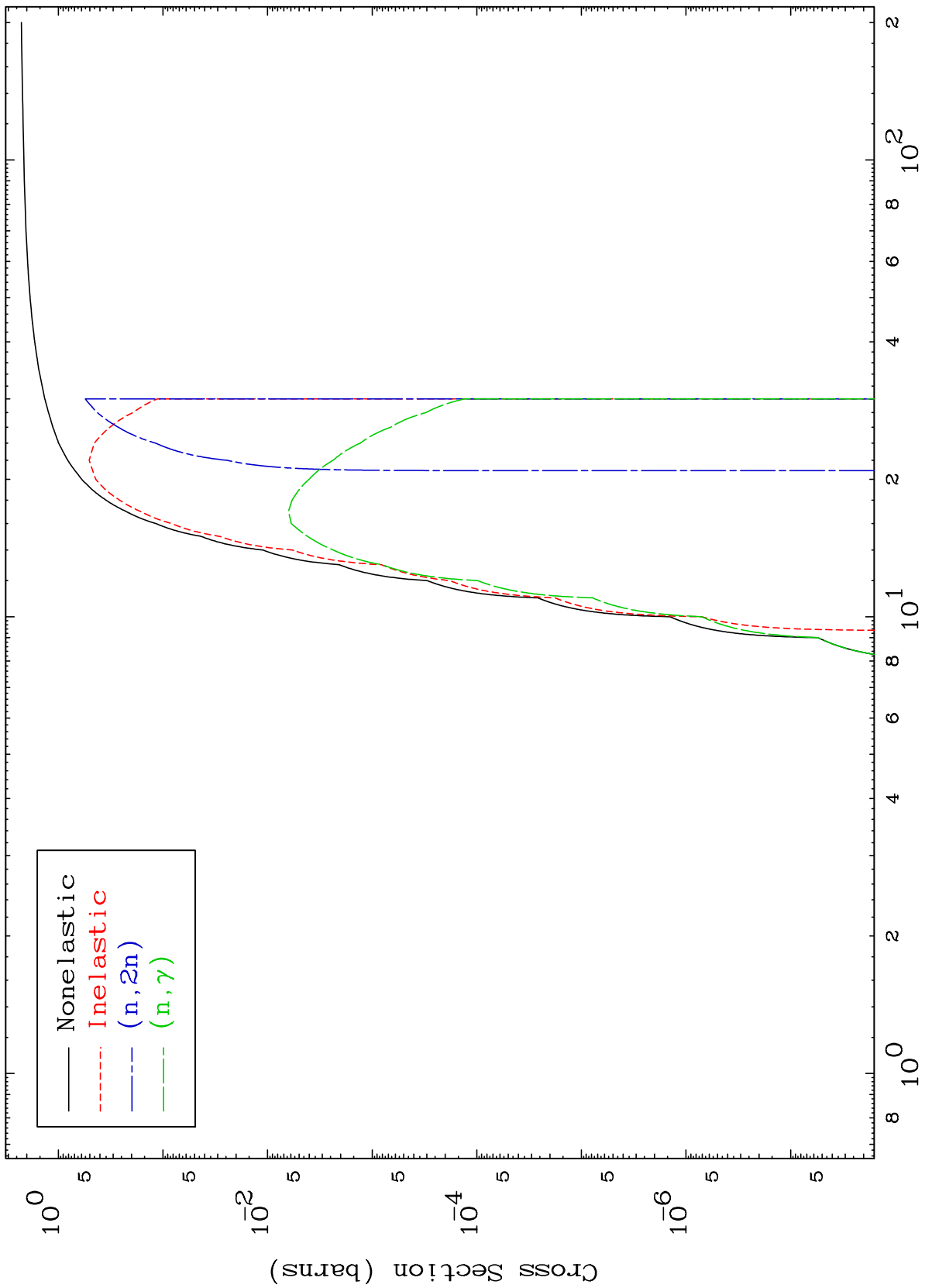
Press Mouse Button to Start

MAT 5616

0 Kelvin

Major Cross Sections

56-Ba-127



1

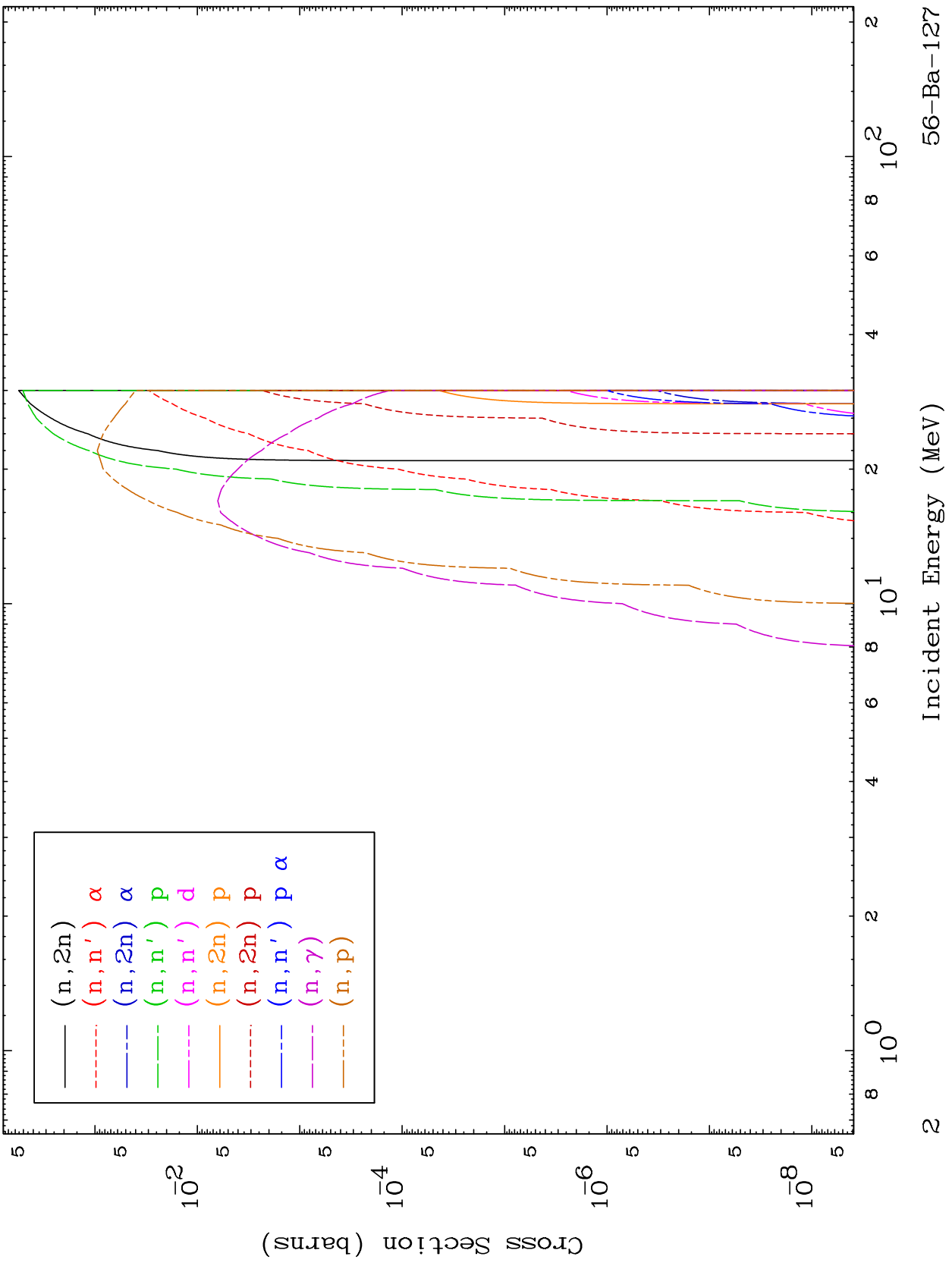
Incident Energy (MeV)

56-Ba-127

MAT 5616

α Neutron Absorption
0 Kelvin Cross Sections

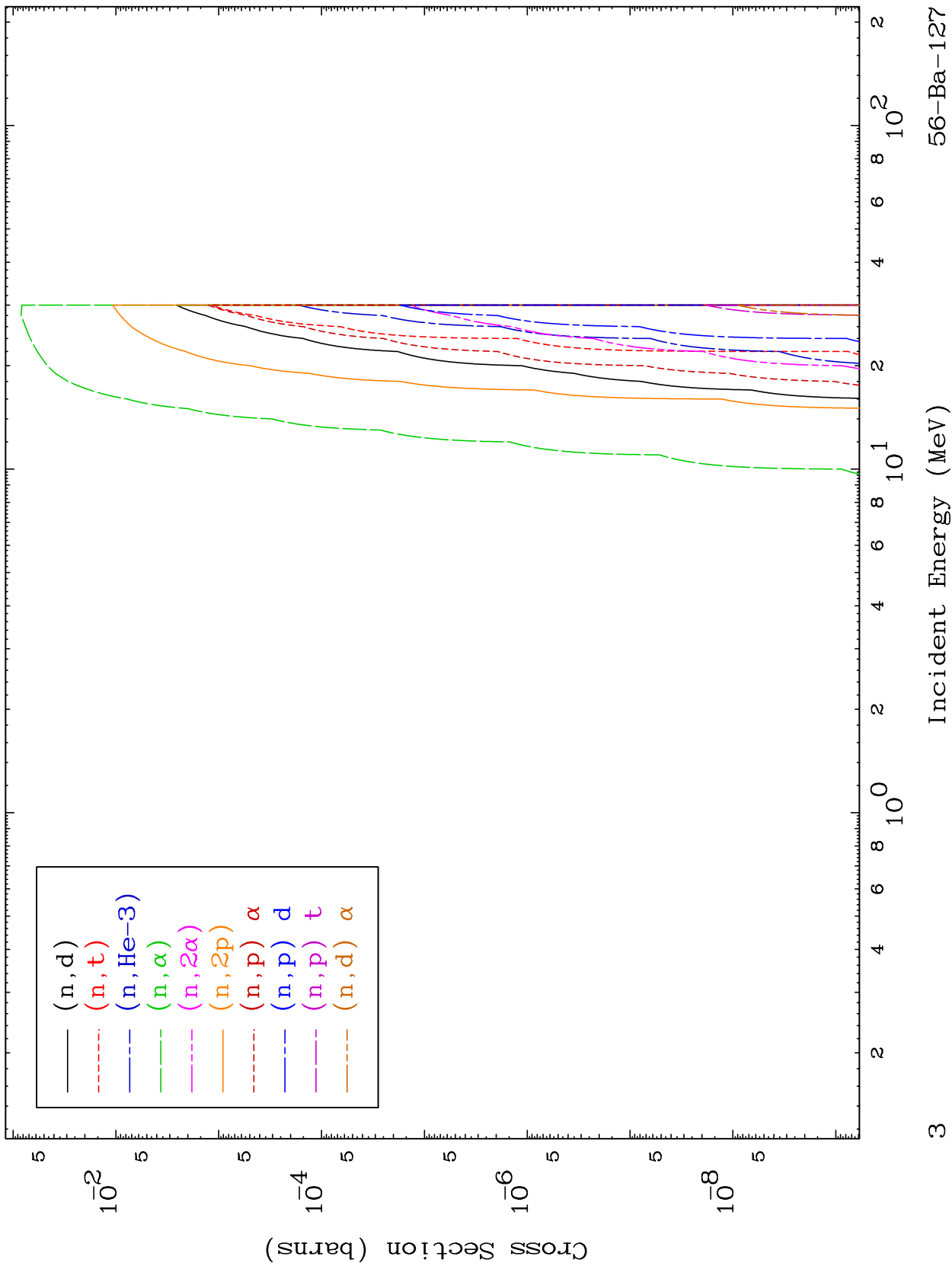
56-Ba-127



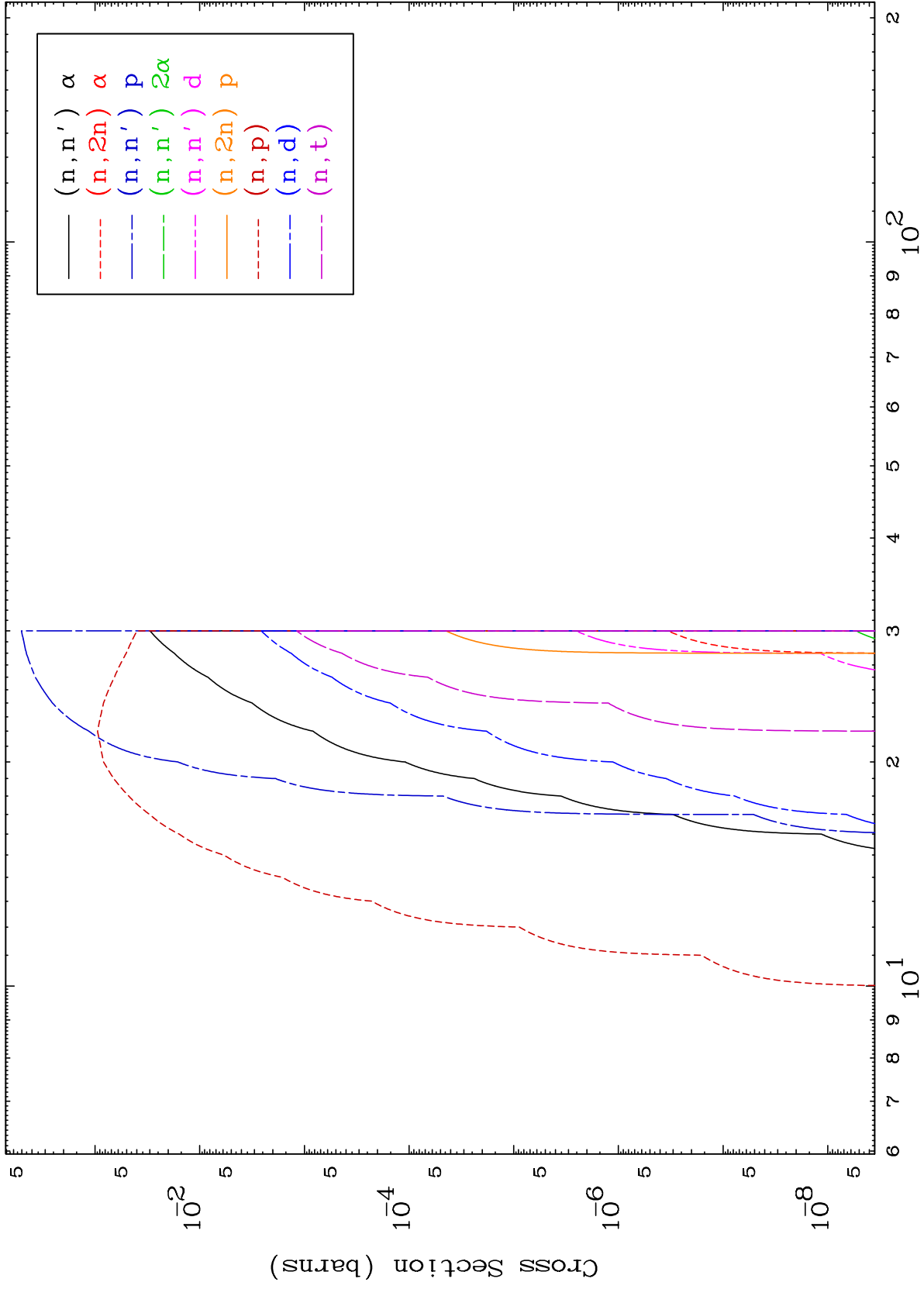
MAT 5616

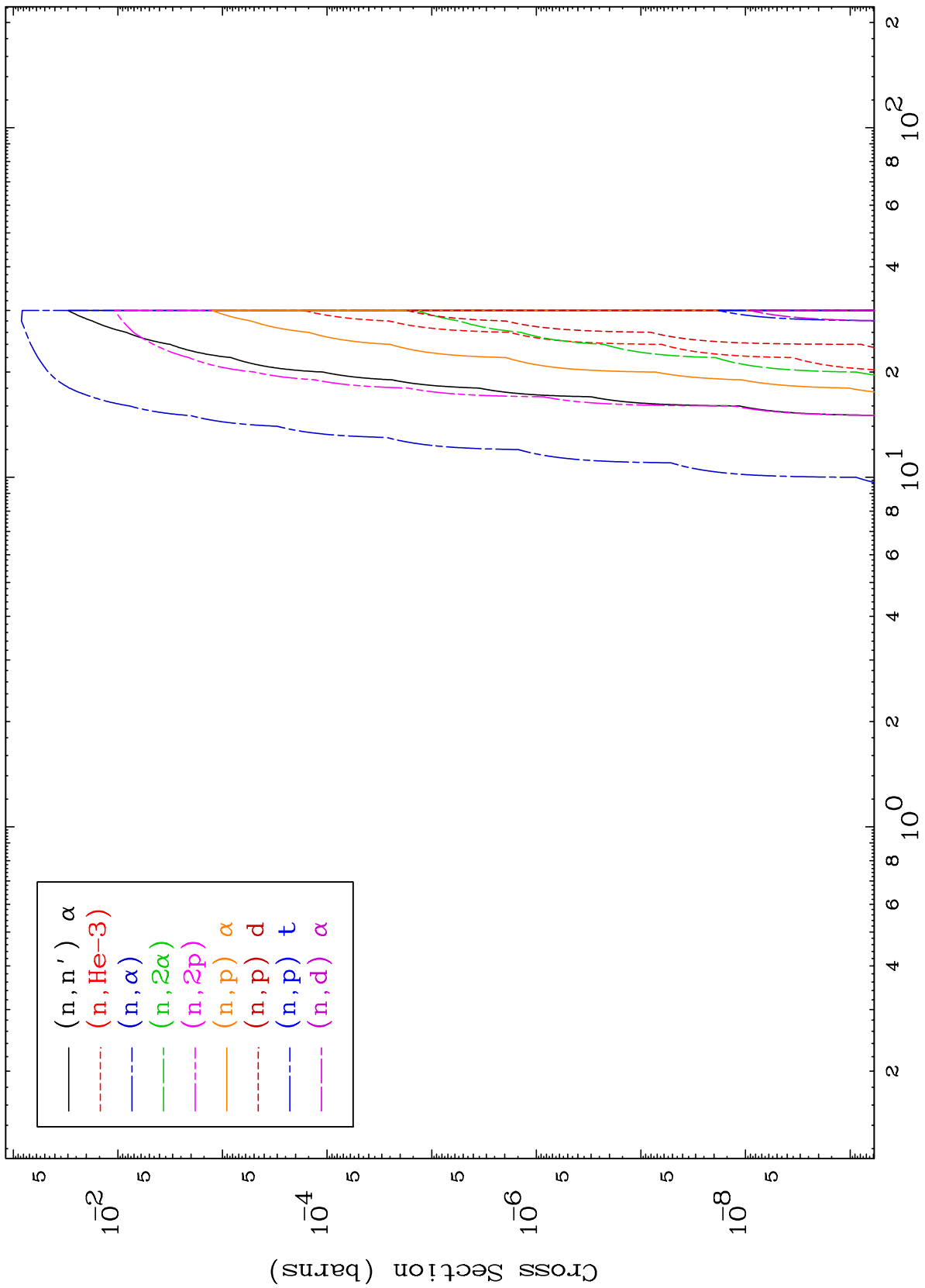
α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-127



56-Ba-127

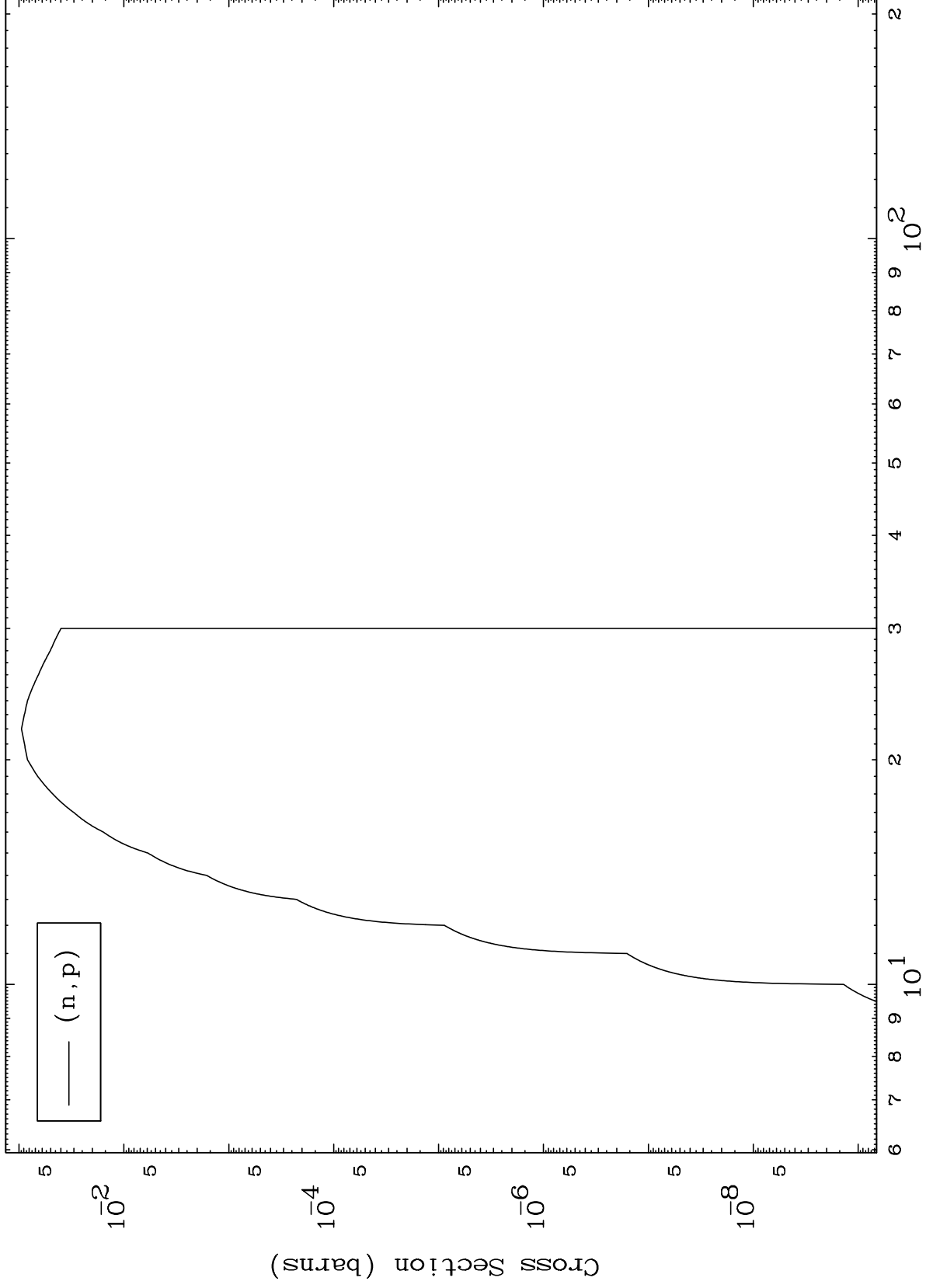




MAT 5616

(α, p) Levels
0 Kelvin Cross Sections

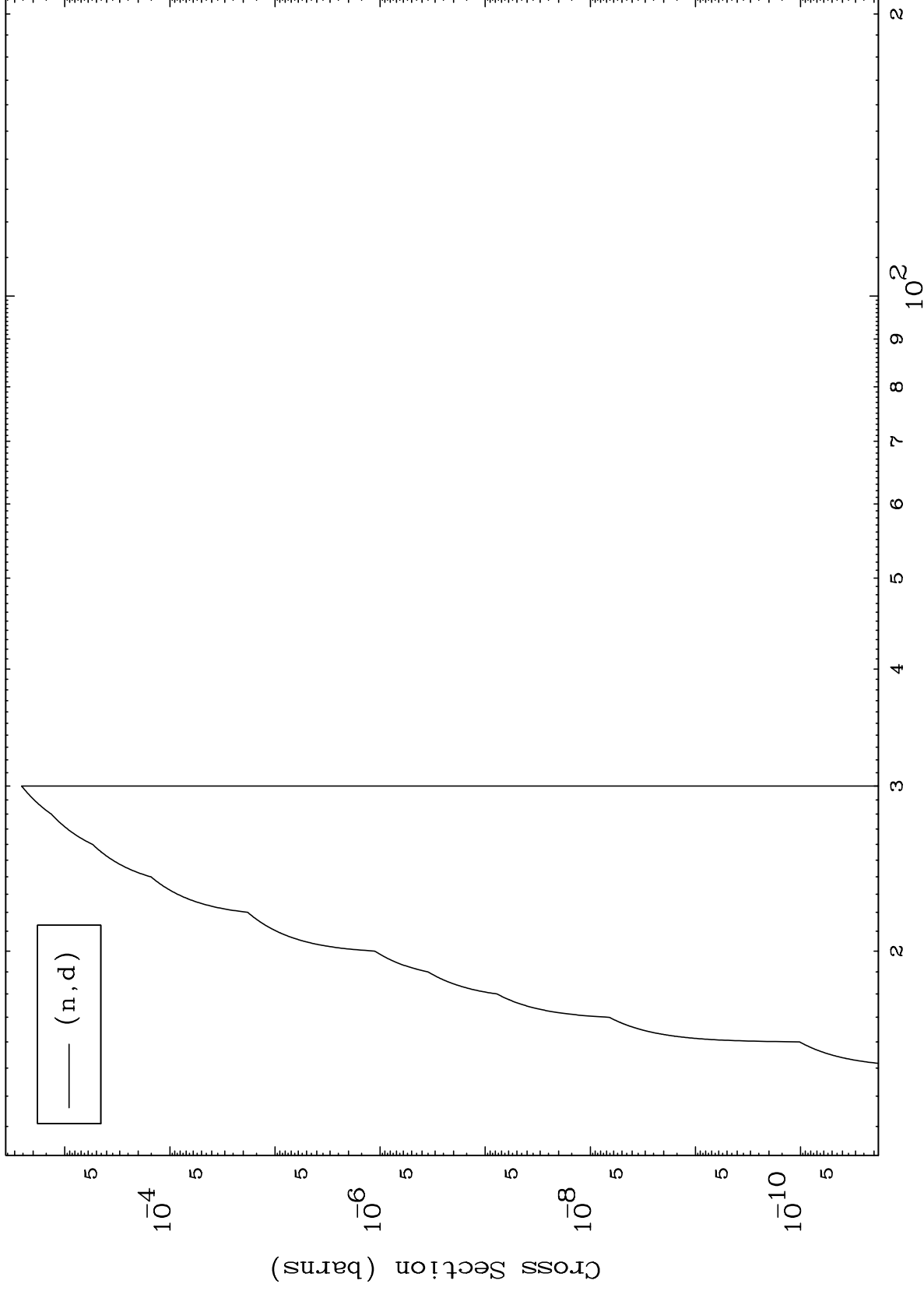
56-Ba-127



MAT 5616

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-127



7

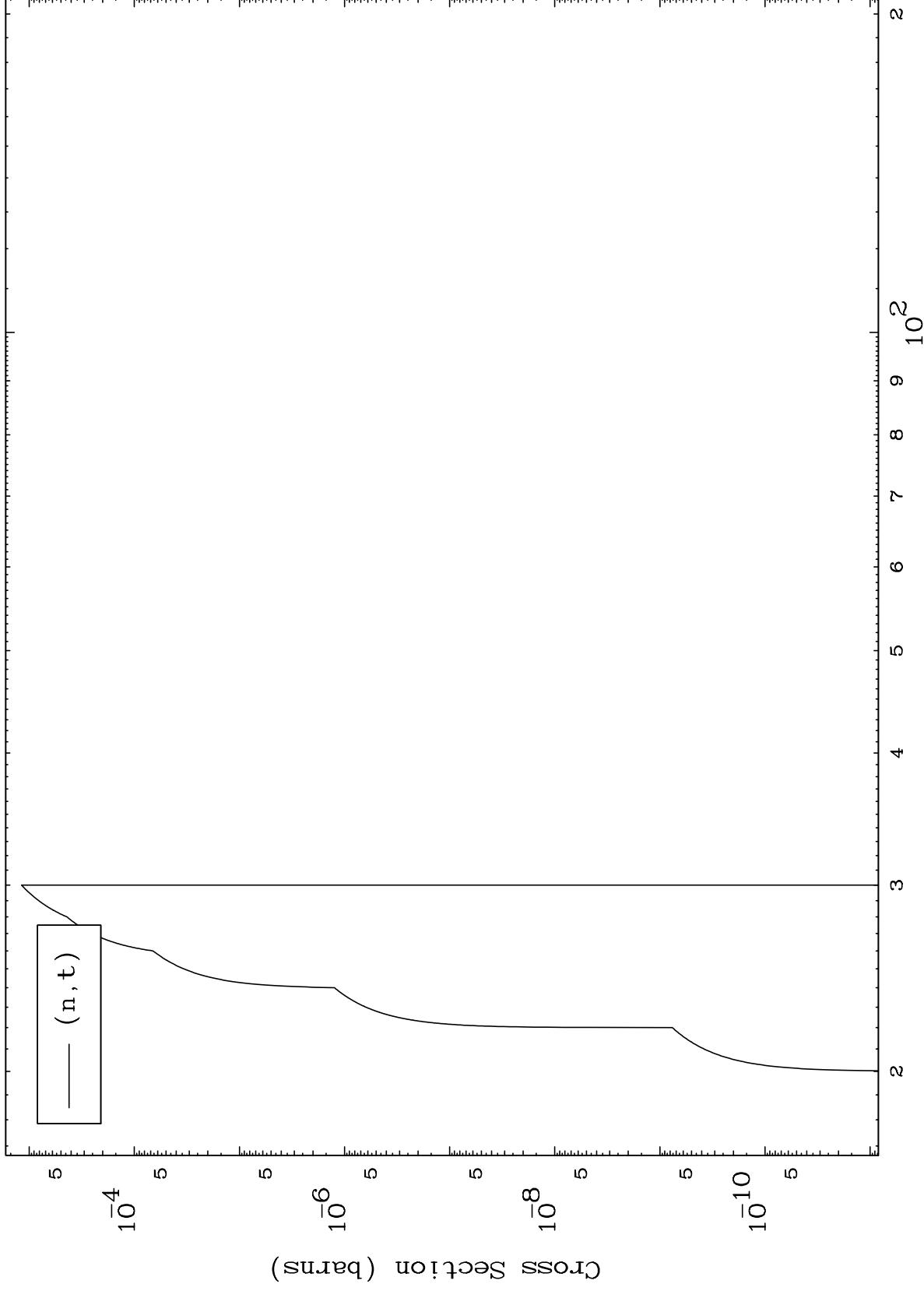
Incident Energy (MeV)

56-Ba-127

MAT 5616

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-127



8

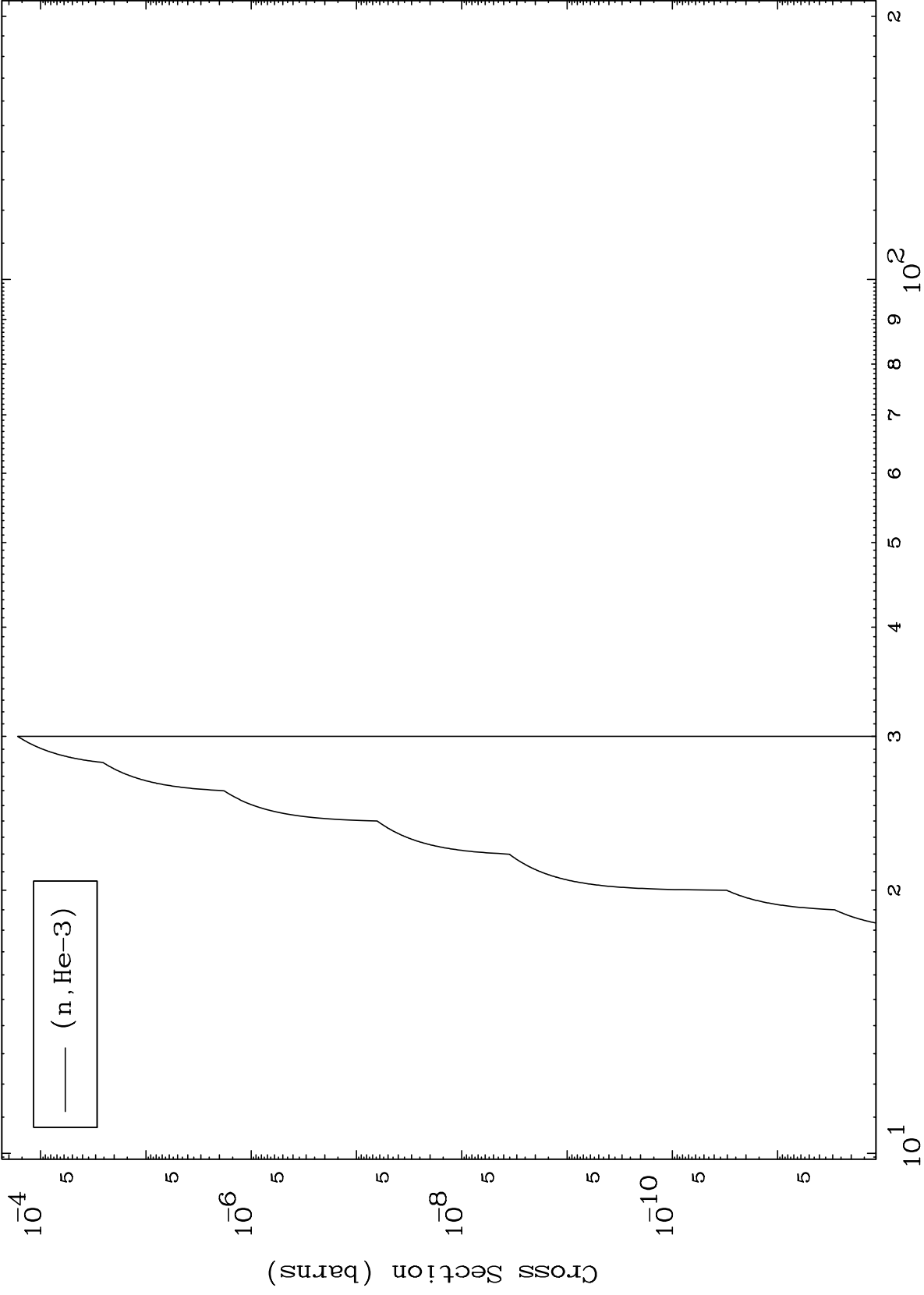
Incident Energy (MeV)

56-Ba-127

MAT 5616

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

56-Ba-127



Incident Energy (MeV)

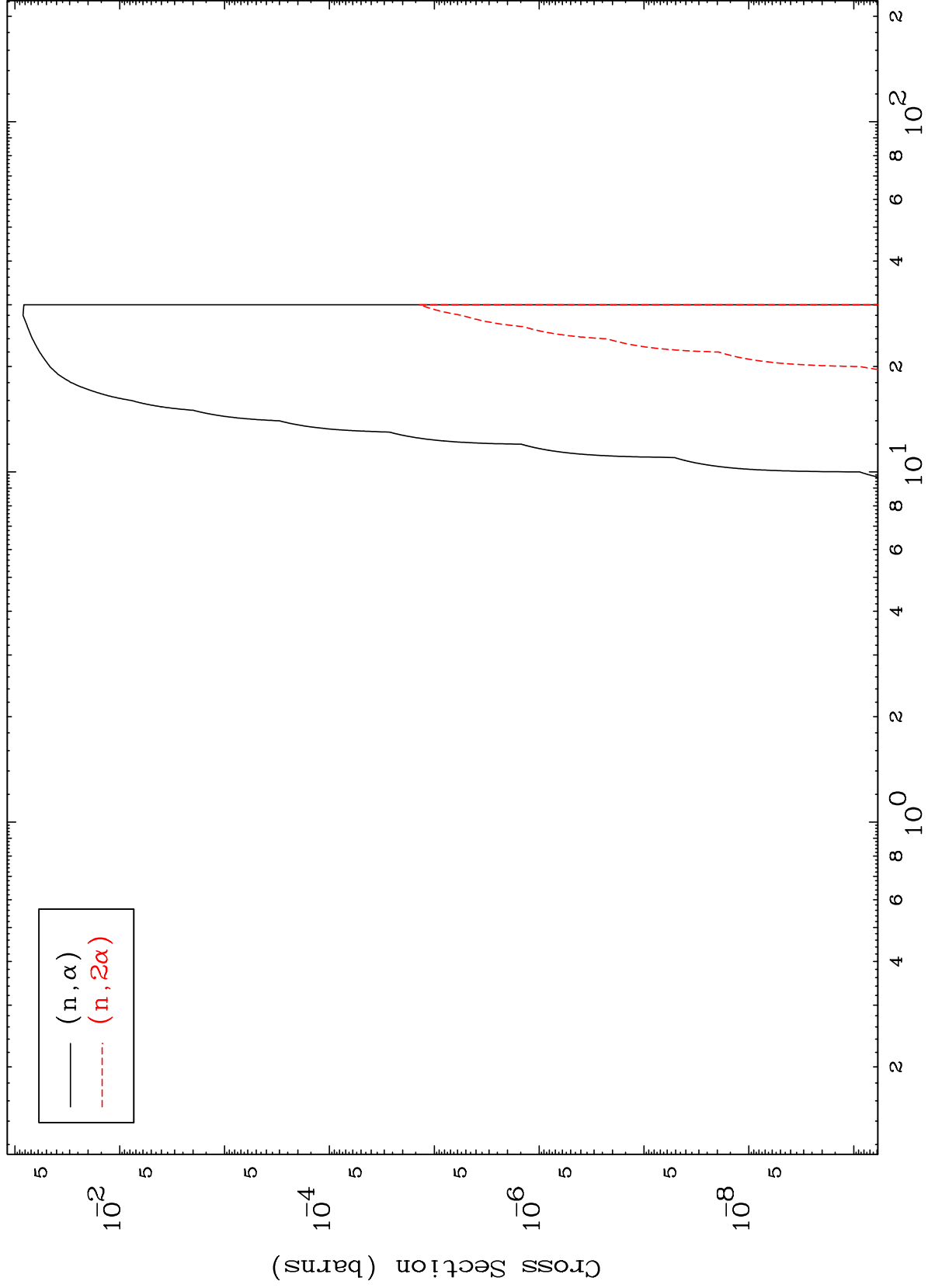
56-Ba-127

MAT 5616

(α, α) Levels

56-Ba-127

0 Kelvin Cross Sections

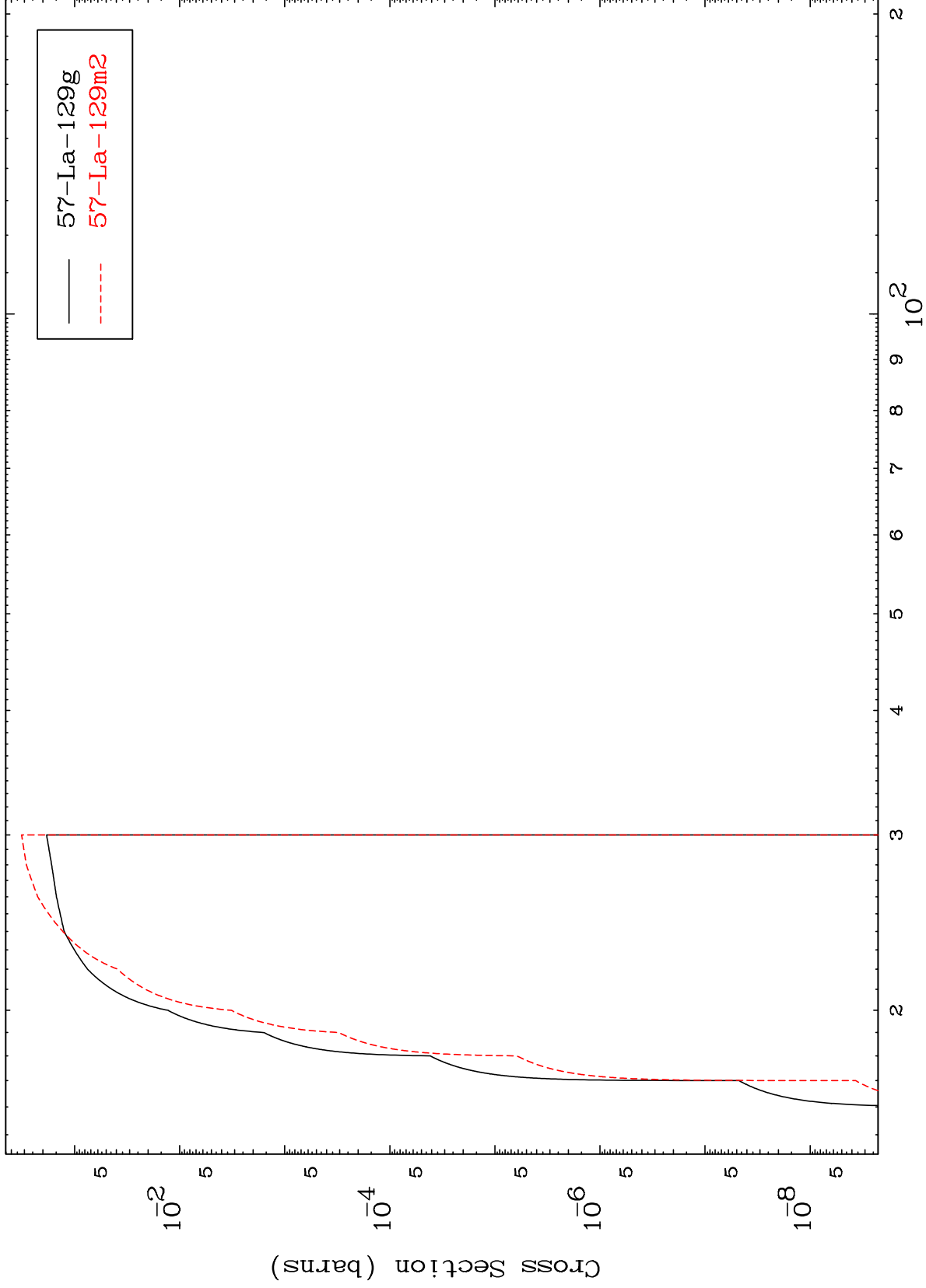


10

Incident Energy (MeV)

56-Ba-127

Radionuclide Production Cross Section

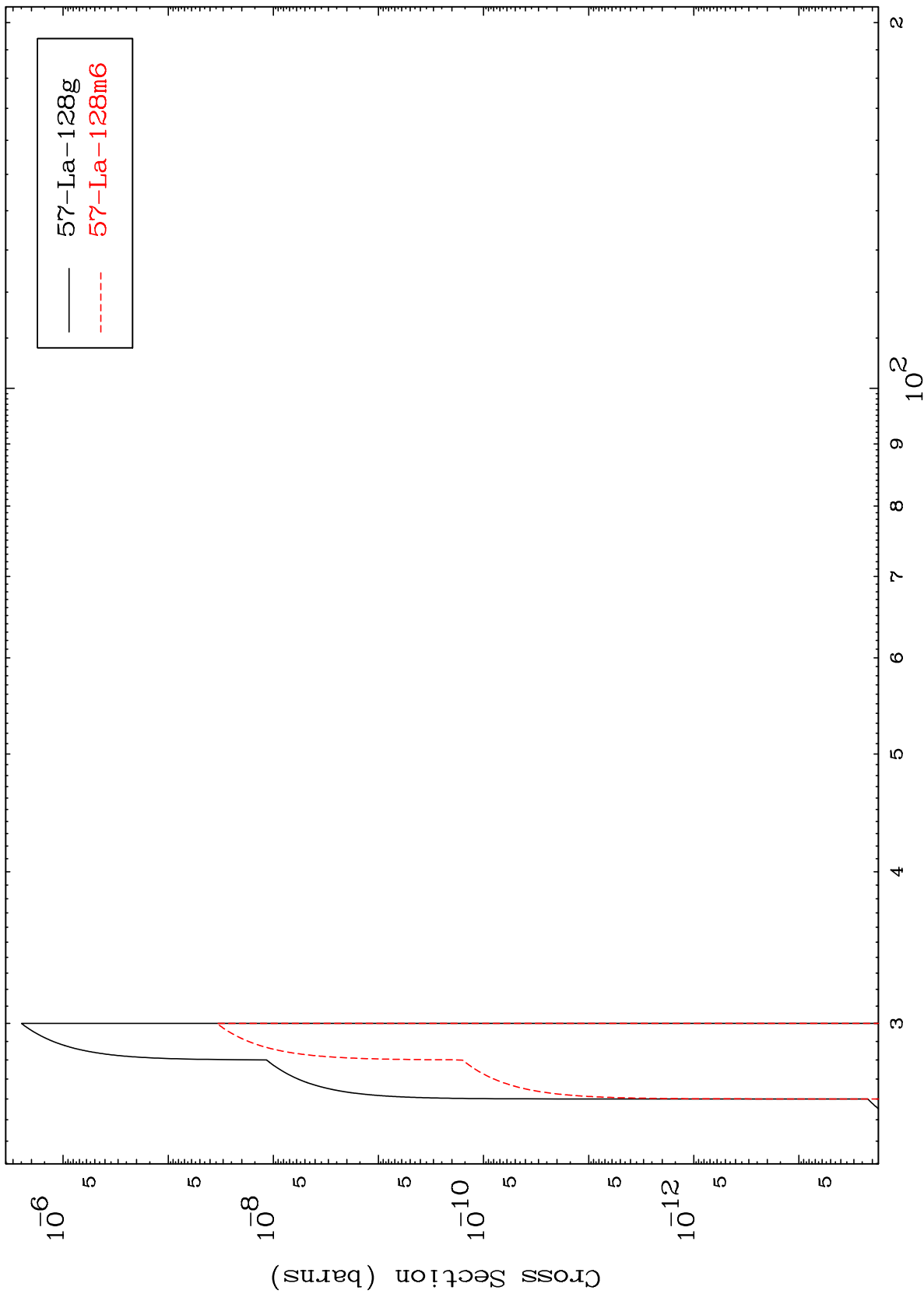


MAT 5616

(n,n') d

56-Ba-127

Radionuclide Production Cross Section



12

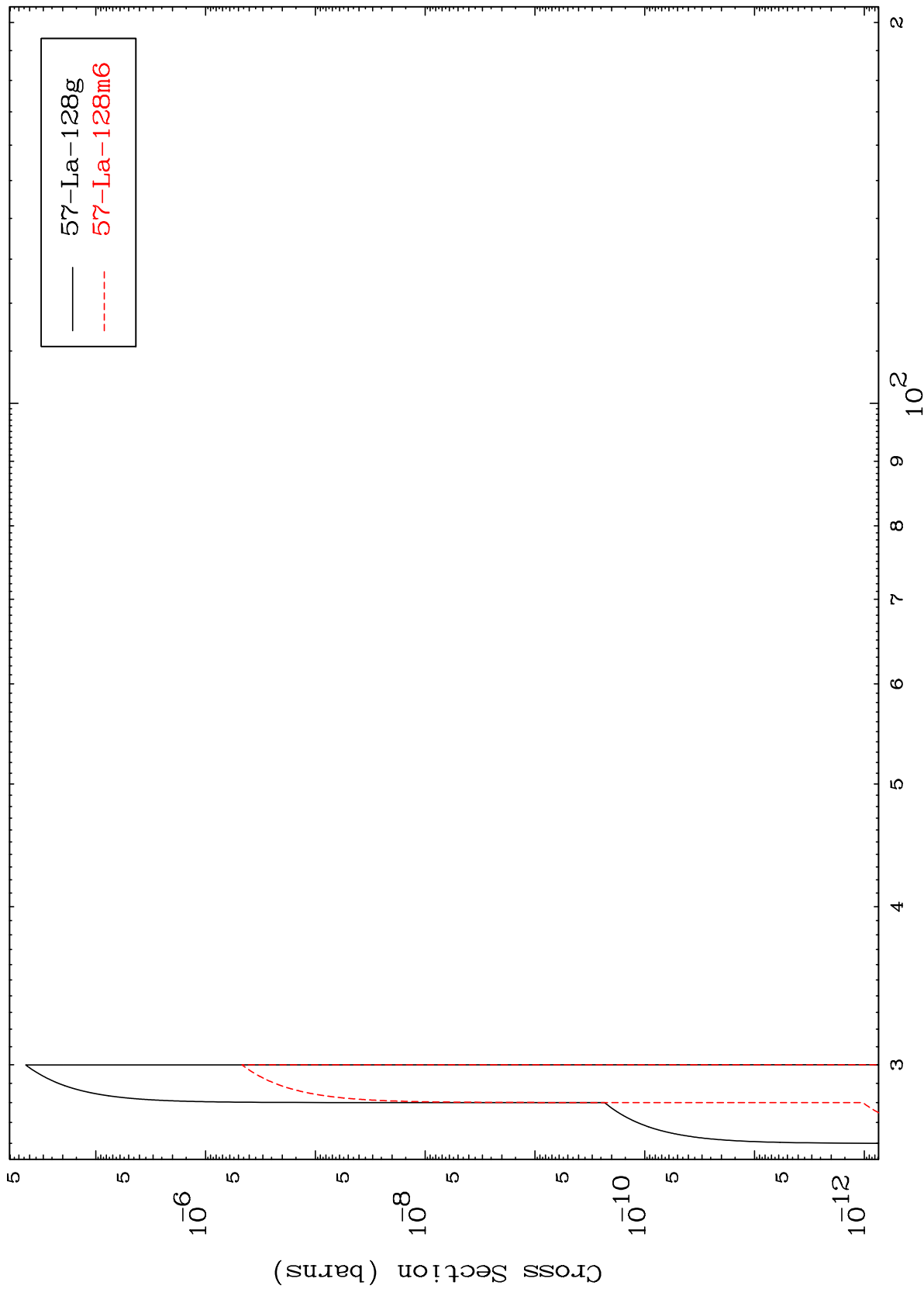
Incident Energy (MeV)

56-Ba-127

MAT 5616

56-Ba-127

(n,2n) p
Radionuclide Production Cross Section



56-Ba-127

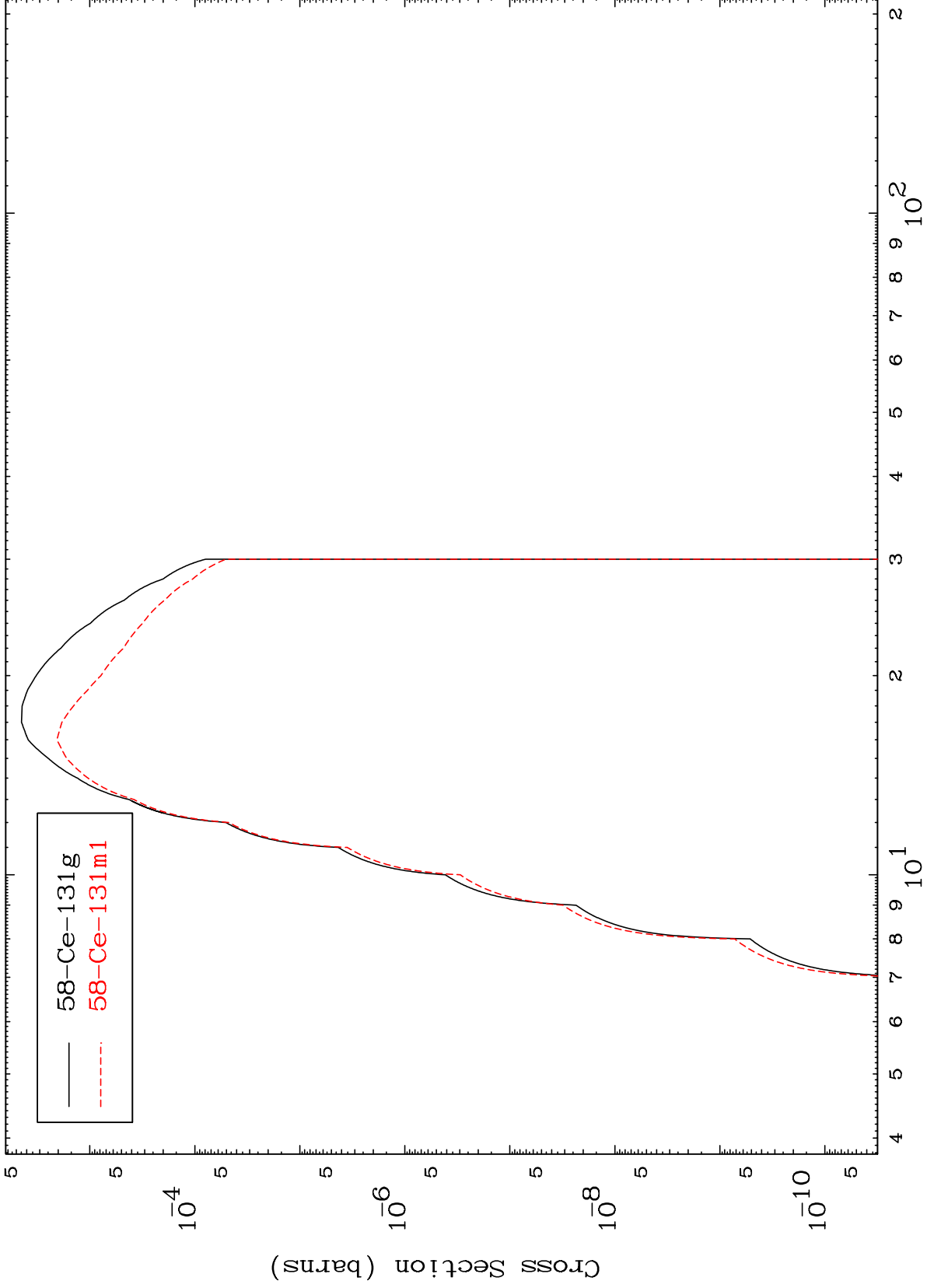
Incident Energy (MeV)

13

MAT 5616

56-Ba-127

(n, γ)
Radionuclide Production Cross Section



56-Ba-127

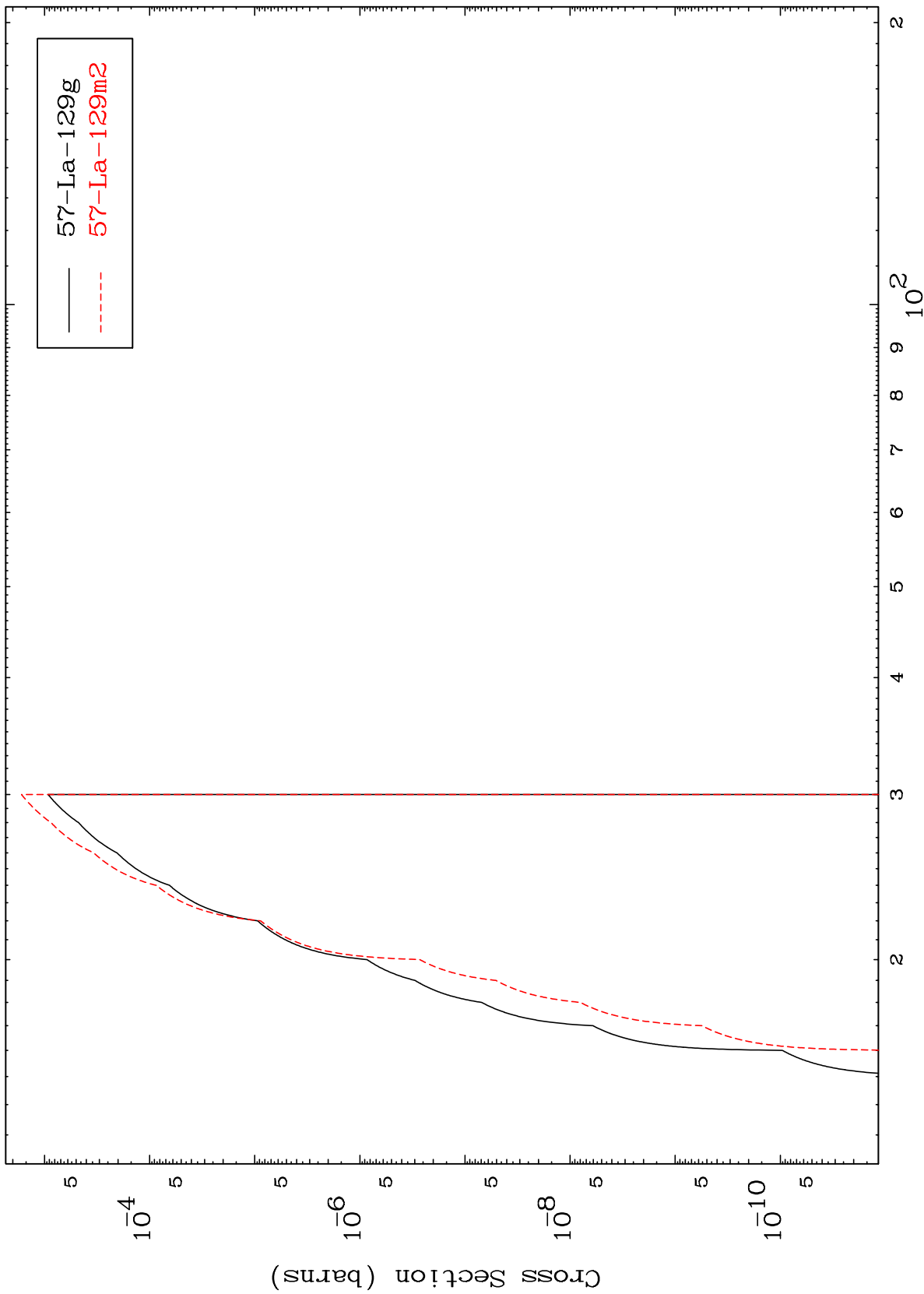
Incident Energy (MeV)

14

MAT 5616

56-Ba-127

(n,d)
Radionuclide Production Cross Section



57-La-129g
57-La-129m2

15

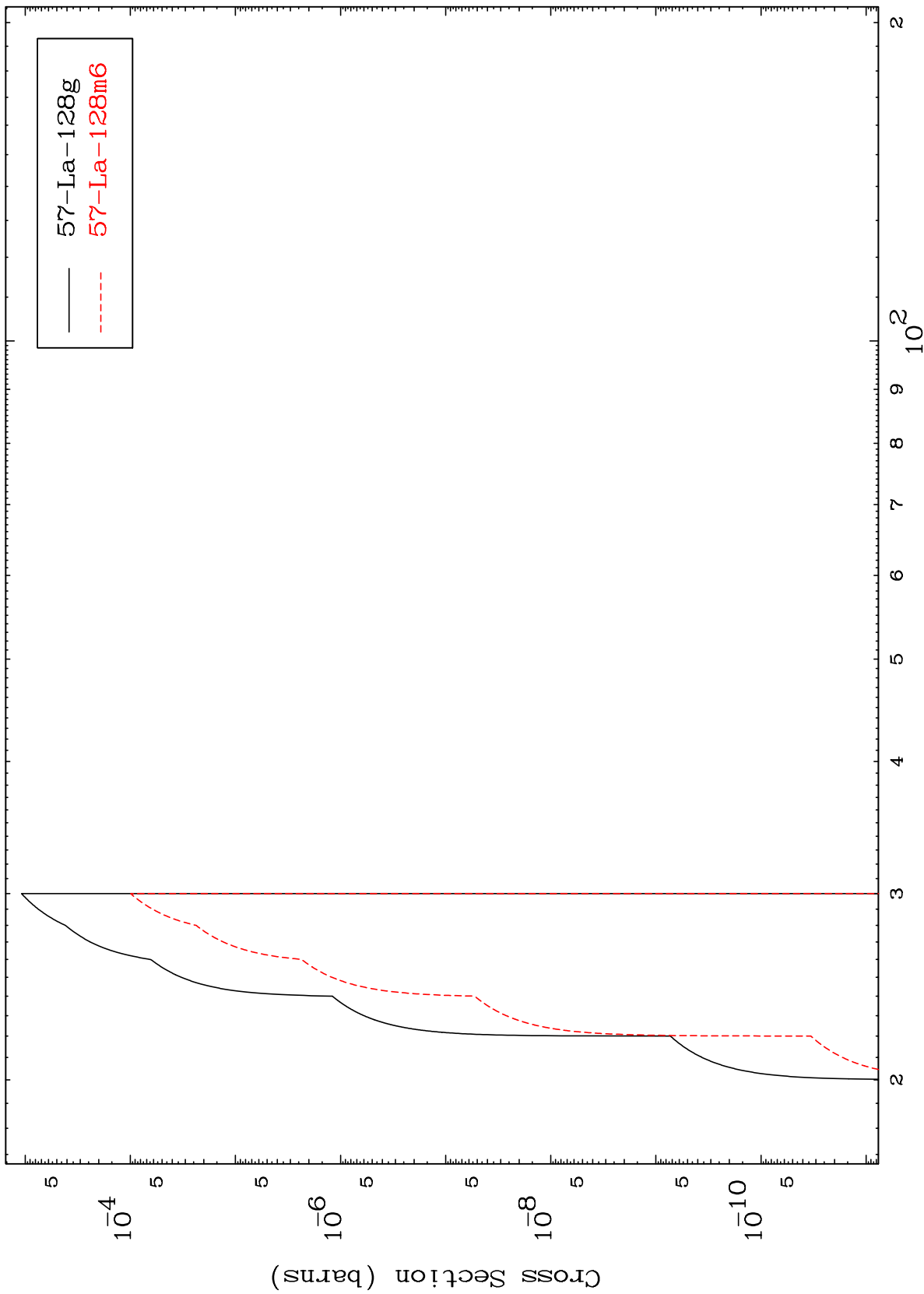
Incident Energy (MeV)

56-Ba-127

MAT 5616

56-Ba-127

(n,t)
Radionuclide Production Cross Section



16

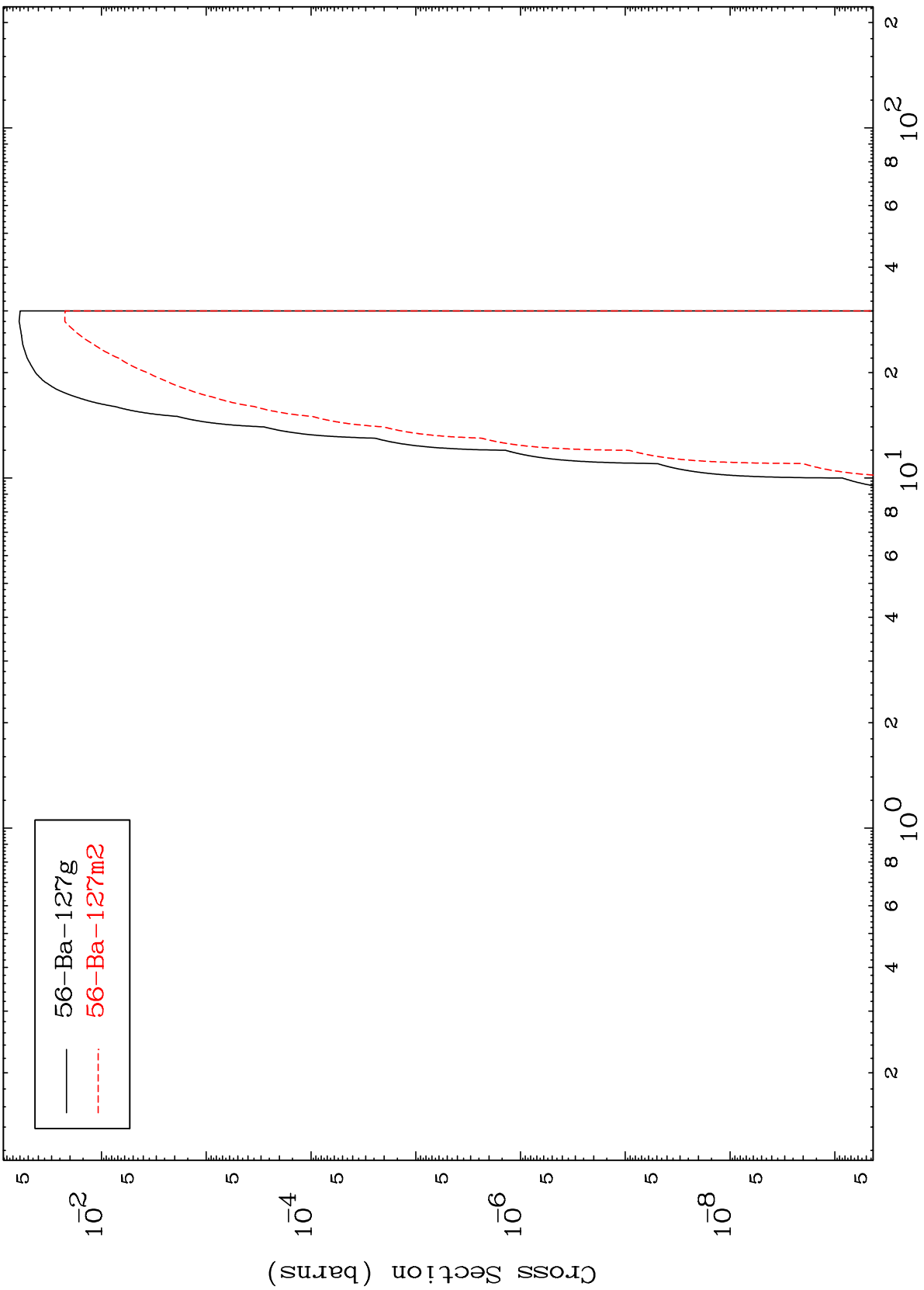
56-Ba-127

Incident Energy (MeV)

MAT 5616

56-Ba-127

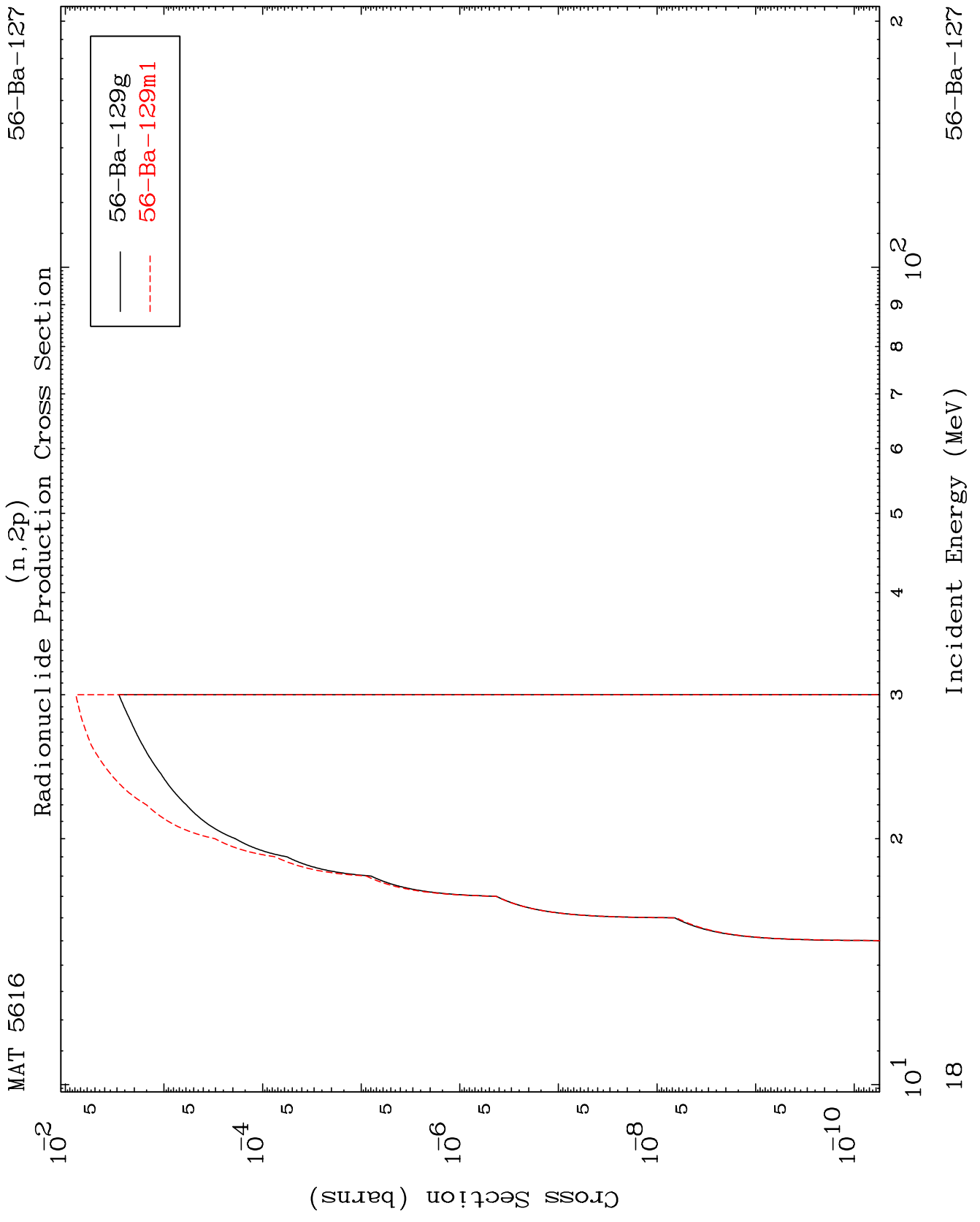
Radionuclide Production Cross Section
(n, α)



17

56-Ba-127

Incident Energy (MeV)

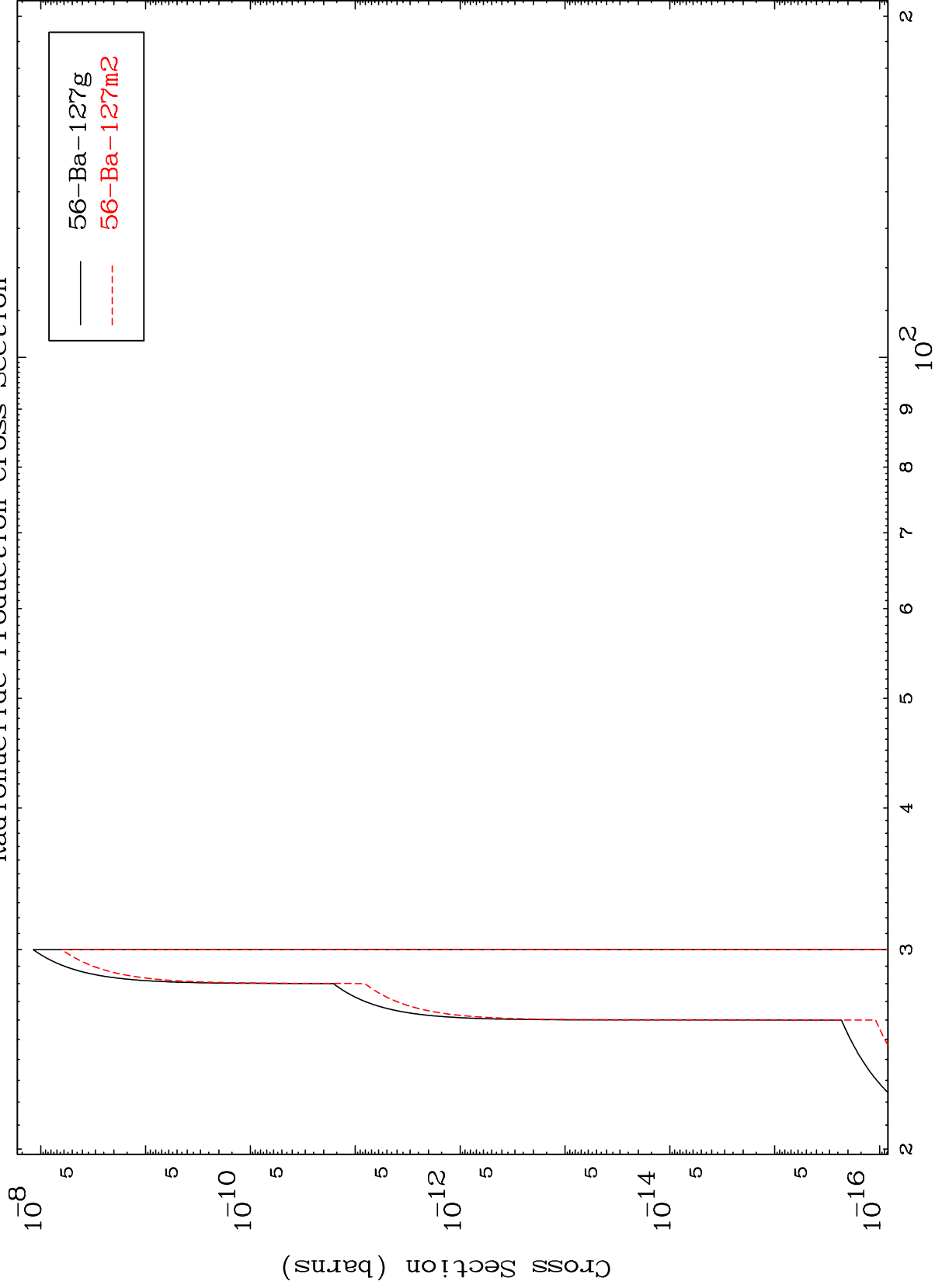


MAT 5616

(n,p) t

56-Ba-127

Radionuclide Production Cross Section



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Incident Energy (MeV)

56-Ba-127