

Program EVALPLOT
(Version 2021-1)

by

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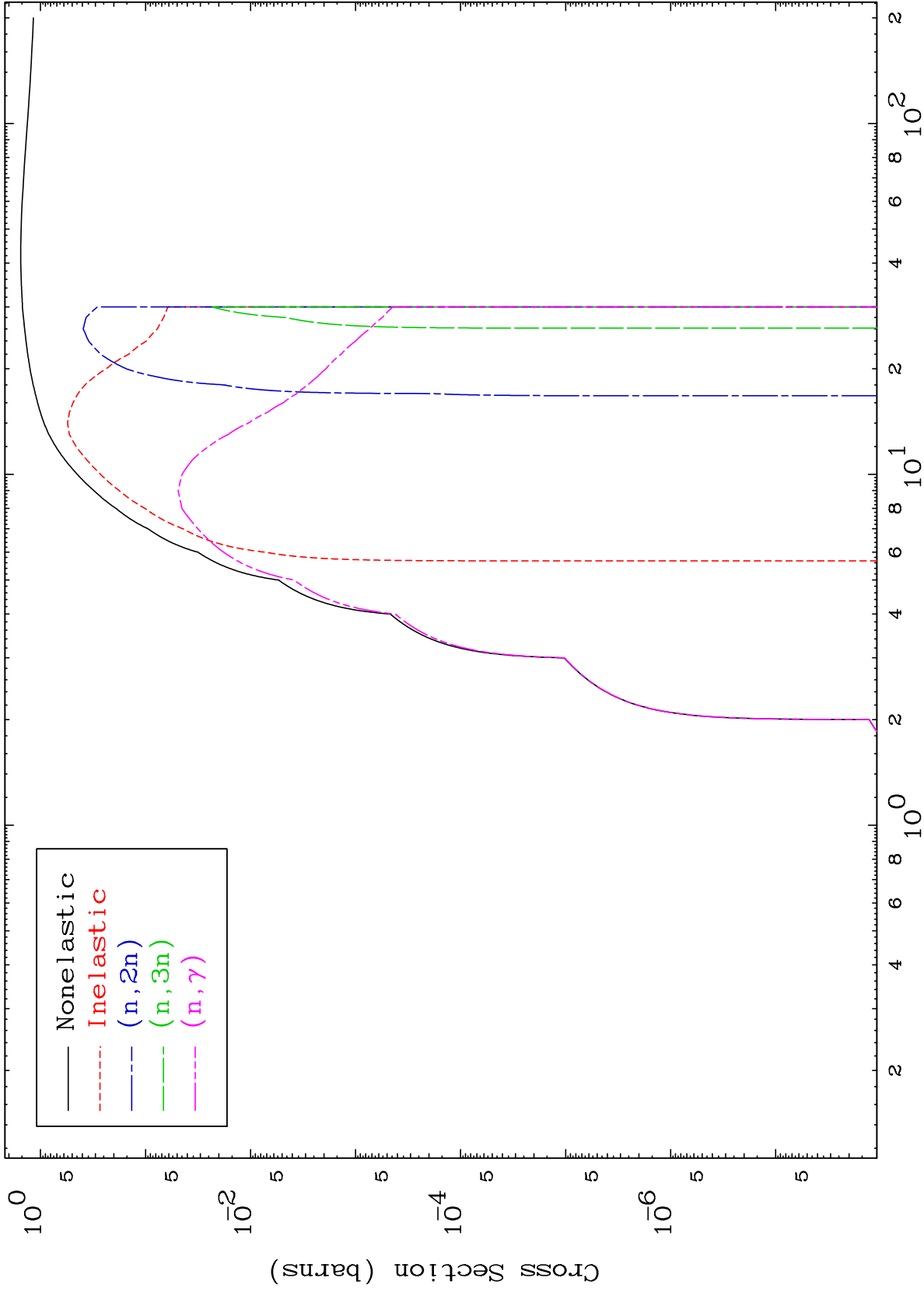
Press Mouse Button to Start

MAT 5617

Proton Major

56-Ba-127m

0 Kelvin Cross Sections



1

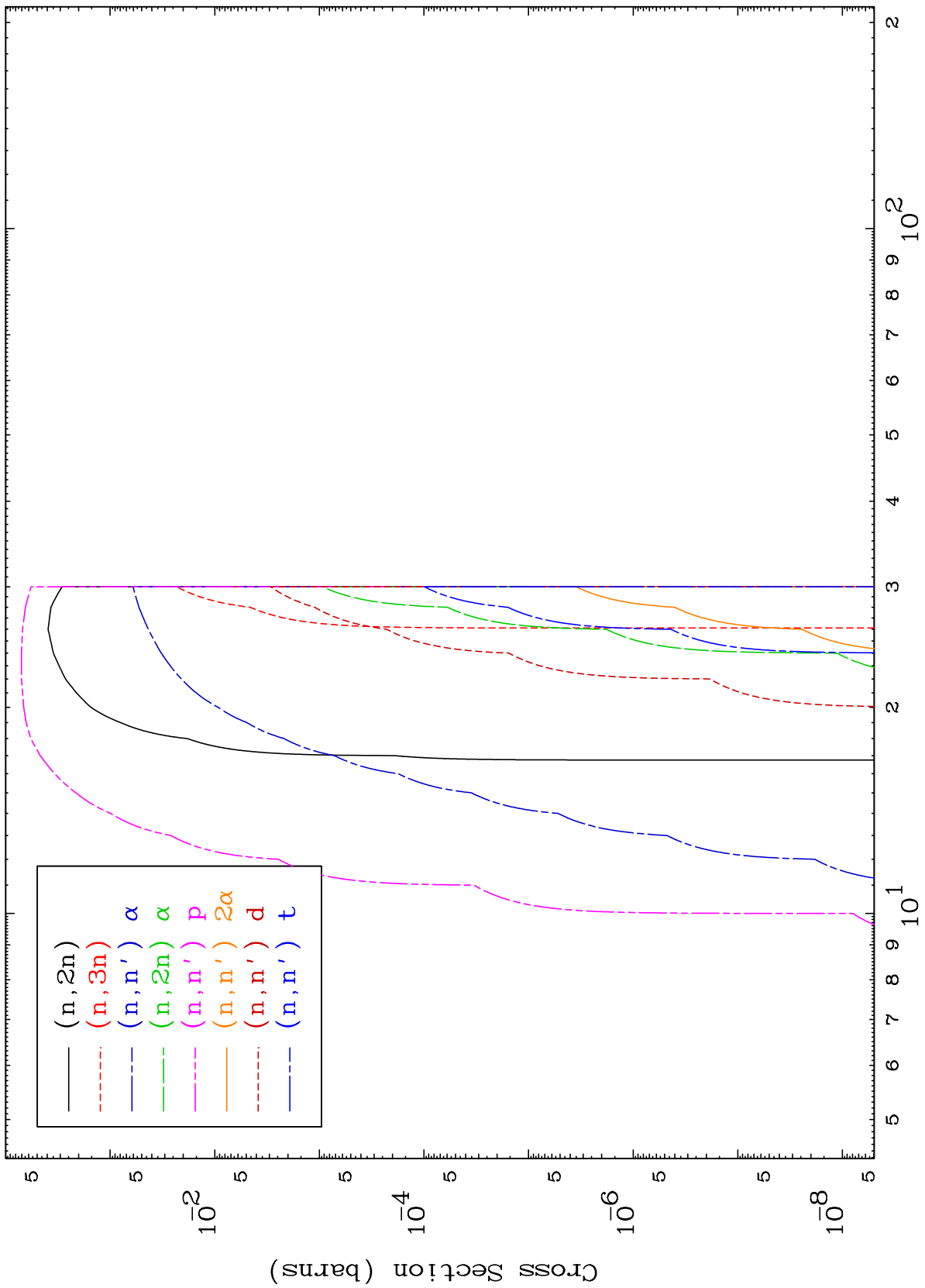
Incident Energy (MeV)

56-Ba-127m

MAT 5617

Proton Neutron Absorption
0 Kelvin Cross Sections

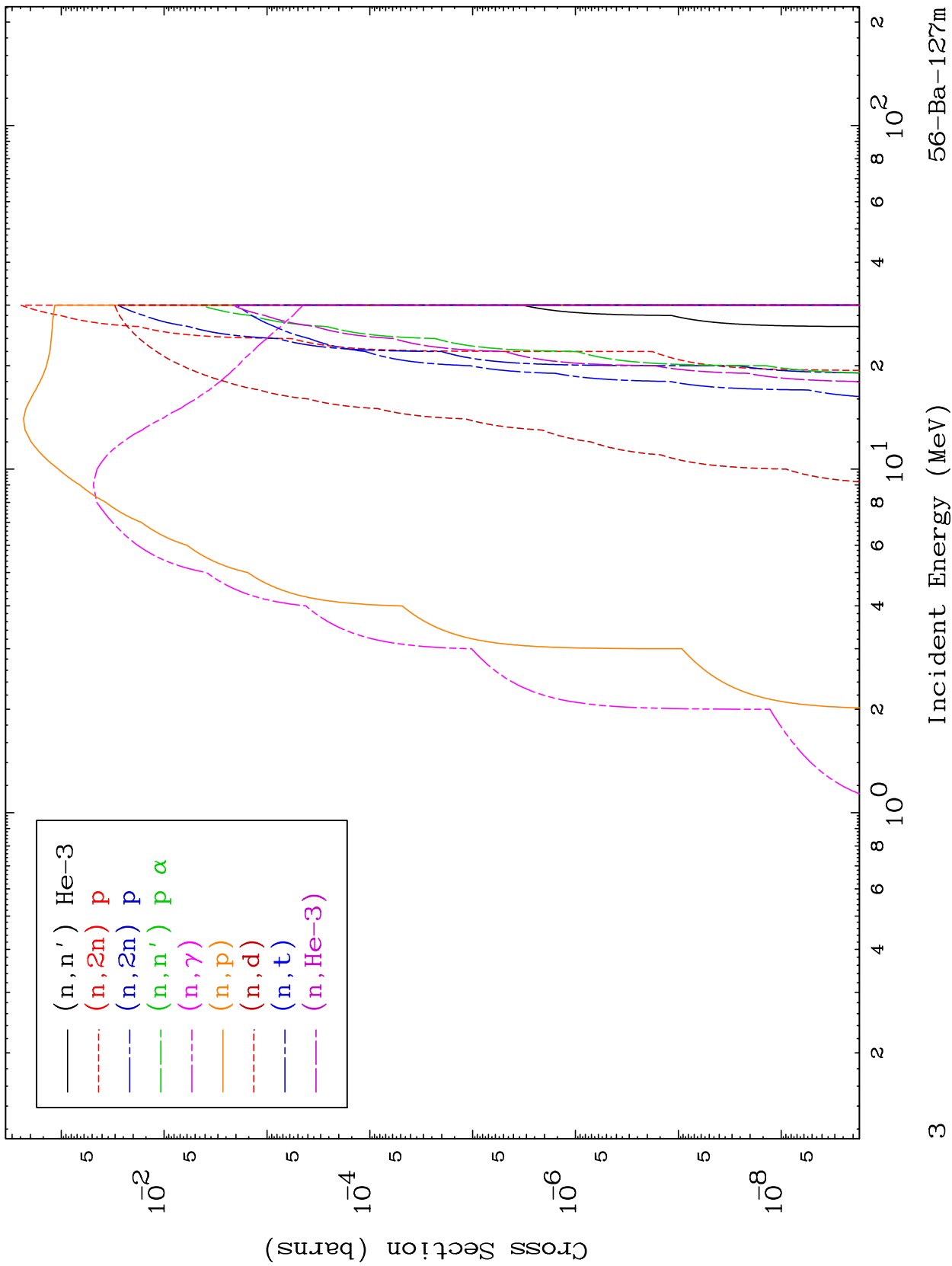
56-Ba-127m



MAT 5617

Proton Neutron Absorption
0 Kelvin Cross Sections

56-Ba-127m



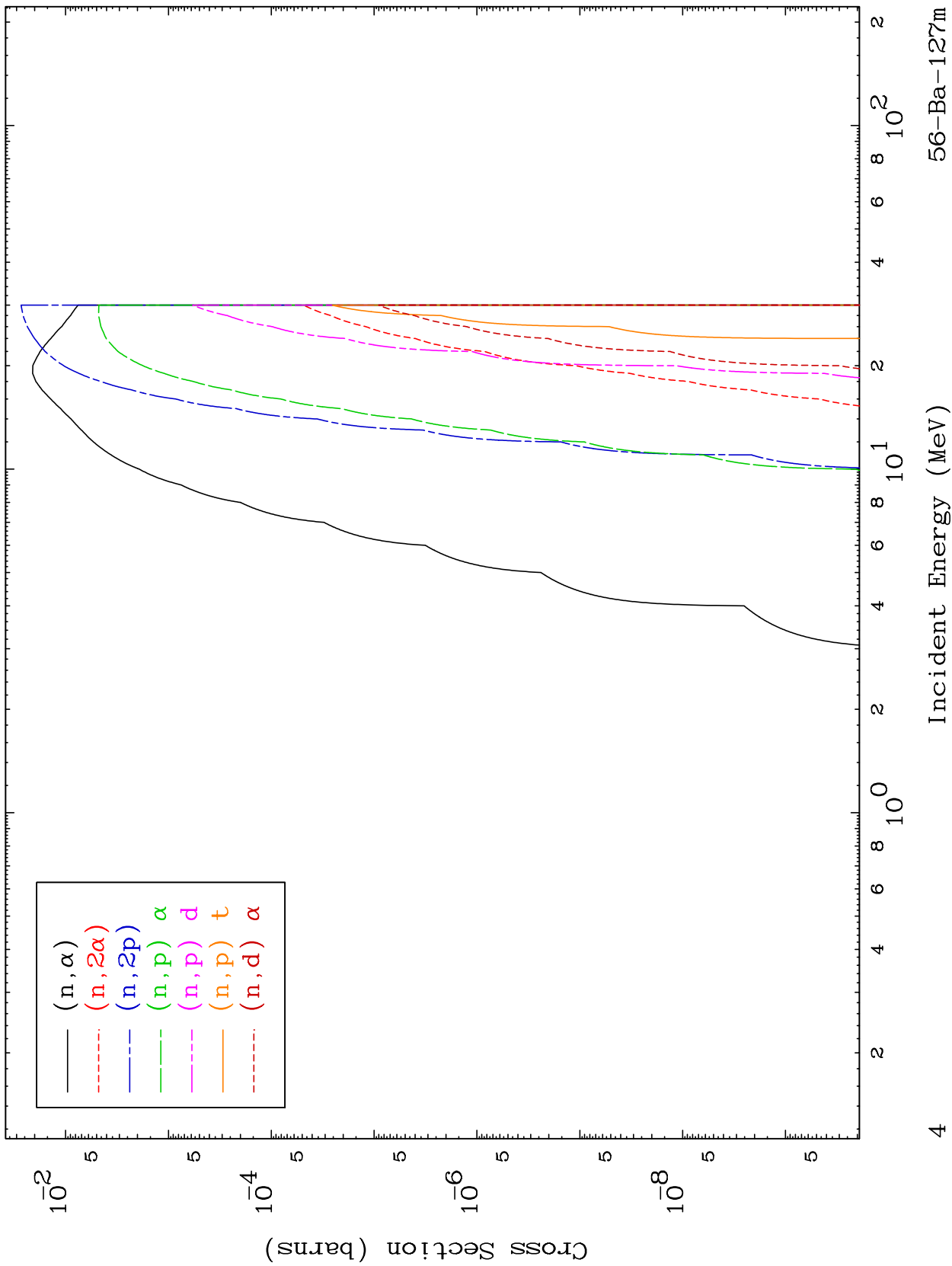
56-Ba-127m

Incident Energy (MeV)

MAT 5617

Proton Neutron Absorption
0 Kelvin Cross Sections

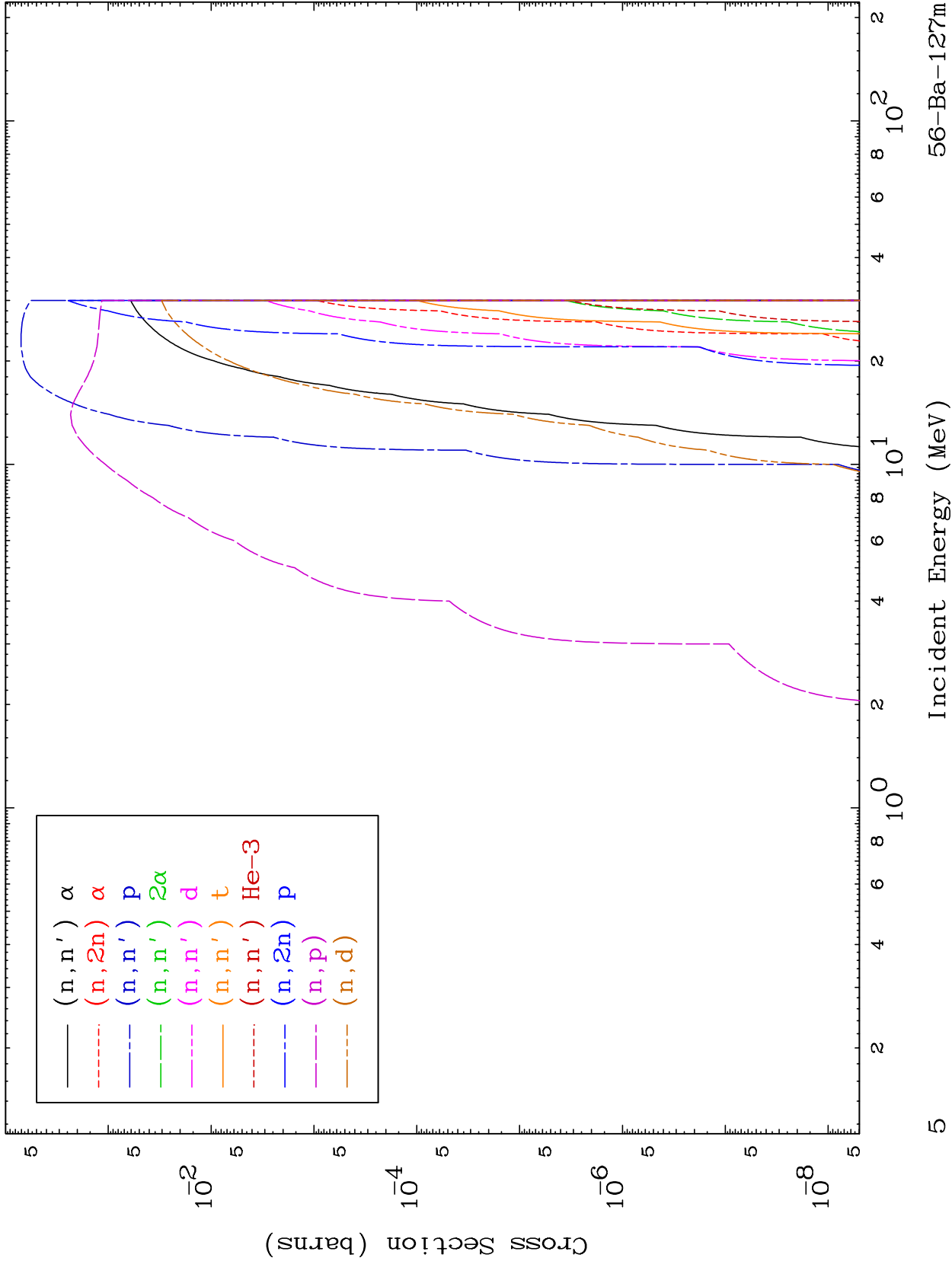
56-Ba-127m



MAT 5617

Proton Charged Particle
0 Kelvin Cross Sections

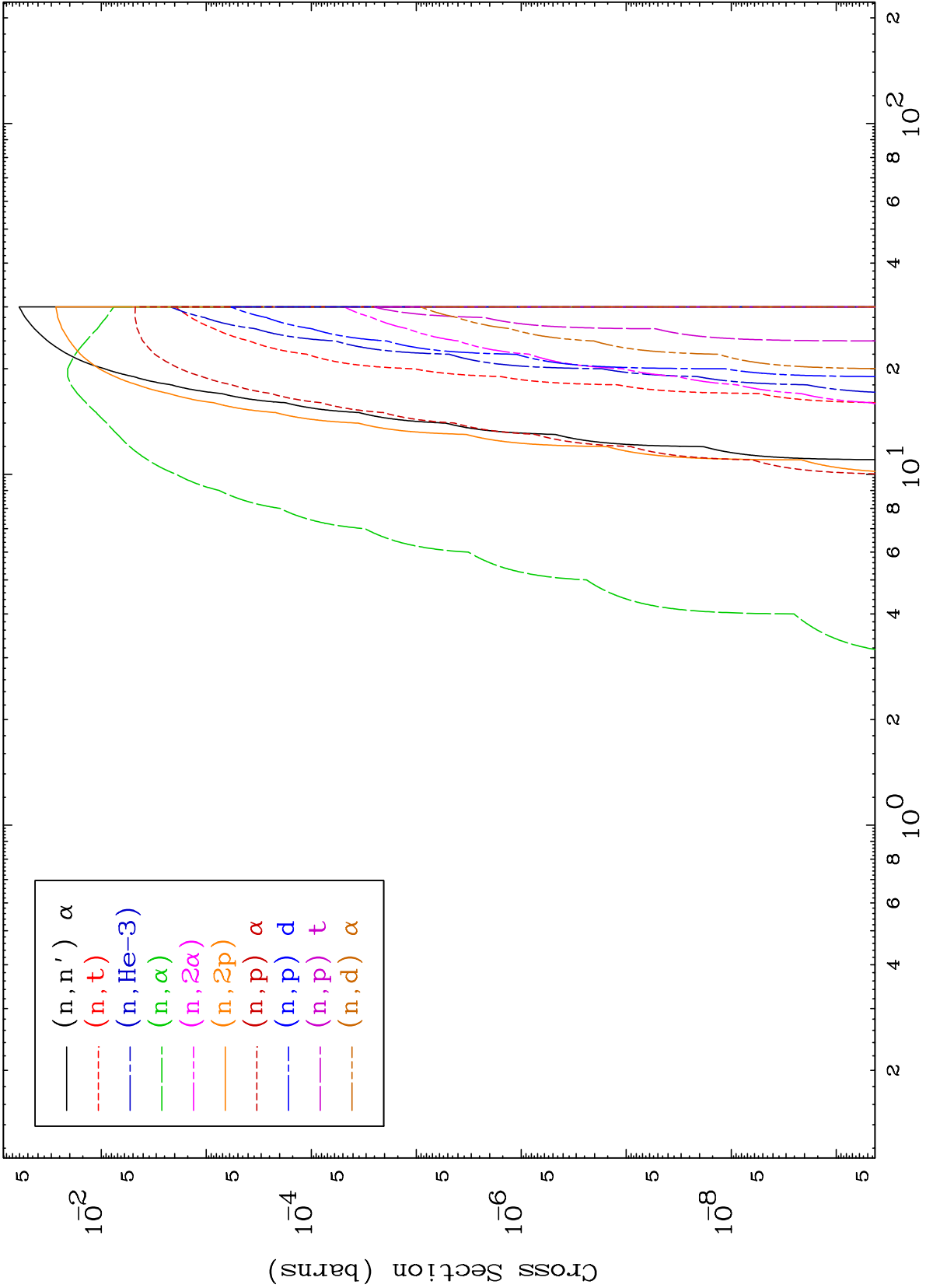
56-Ba-127m



MAT 5617

Proton Charged Particle
0 Kelvin Cross Sections

56-Ba-127m

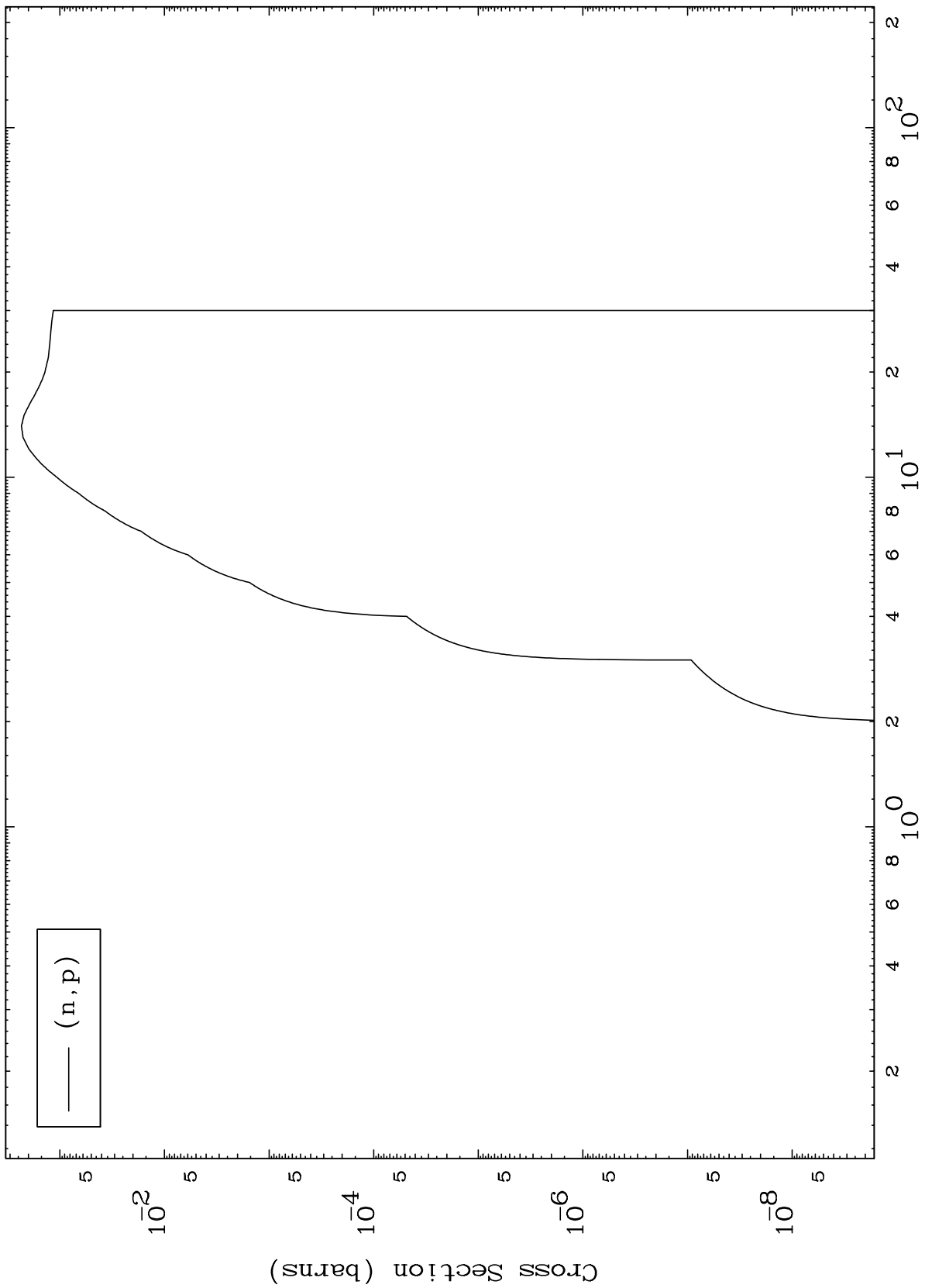


MAT 5617

(p,p) Levels

56-Ba-127m

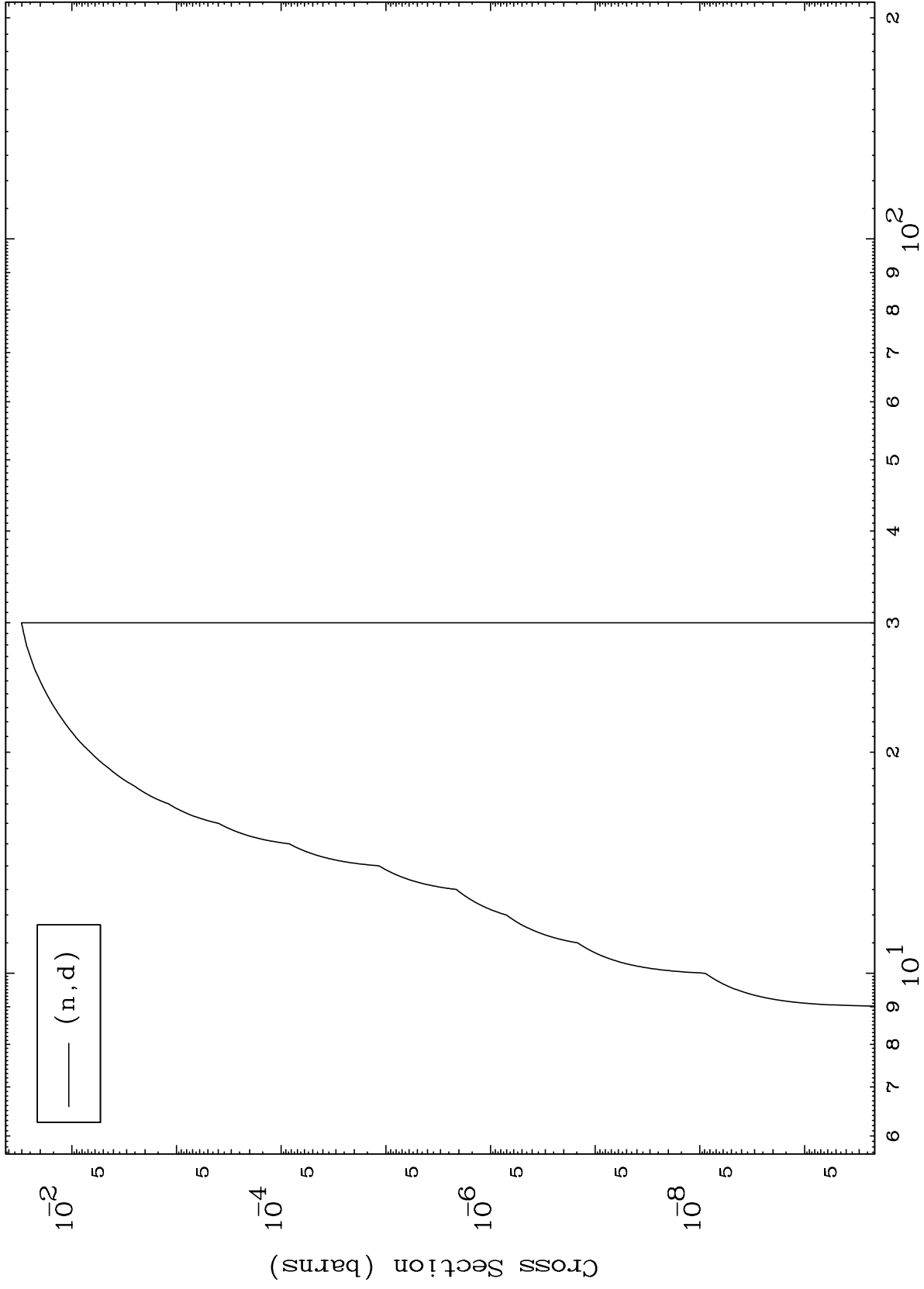
0 Kelvin Cross Sections



MAT 5617

(p,d) Levels
0 Kelvin Cross Sections

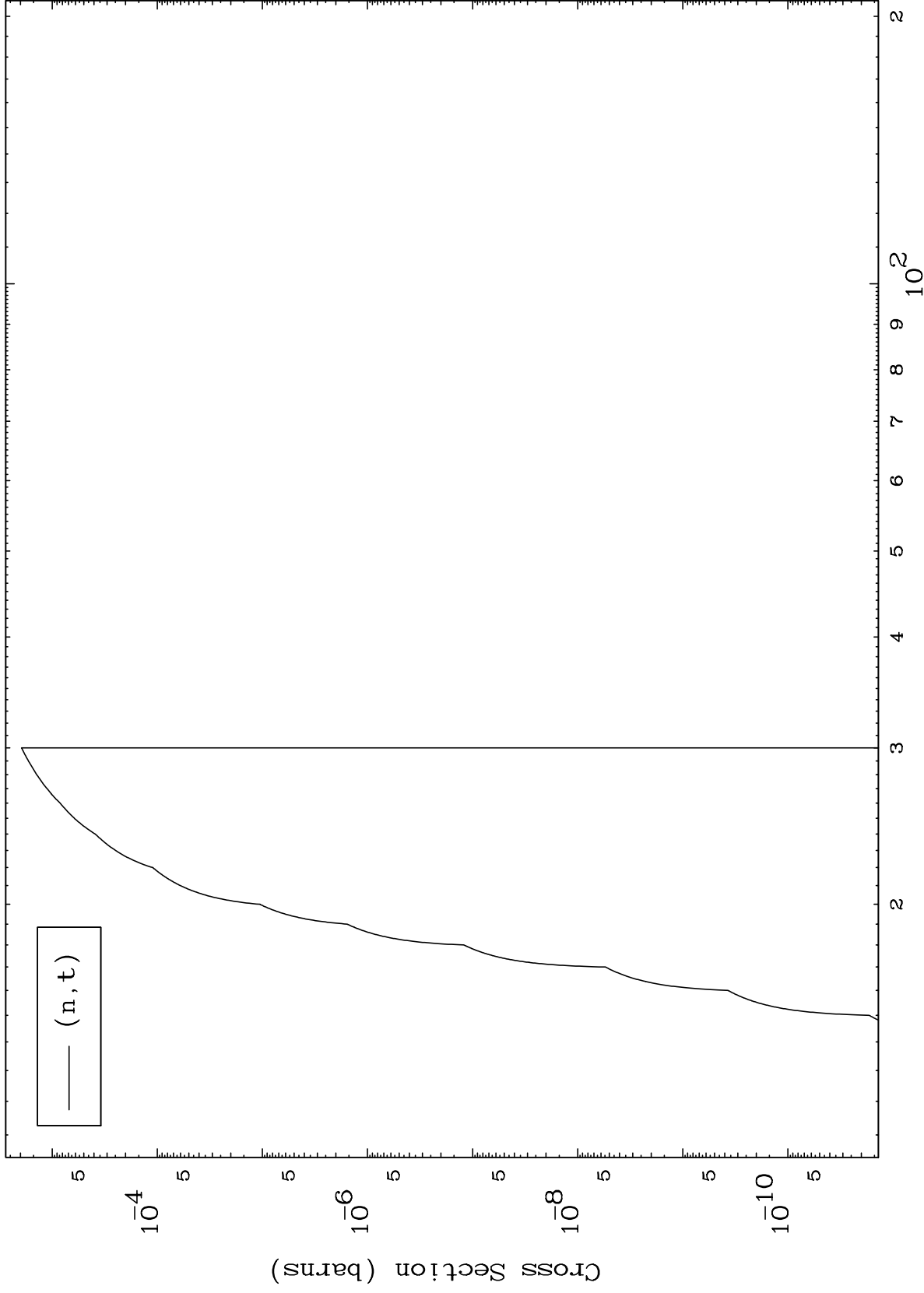
56-Ba-127m



8

Incident Energy (MeV)

56-Ba-127m

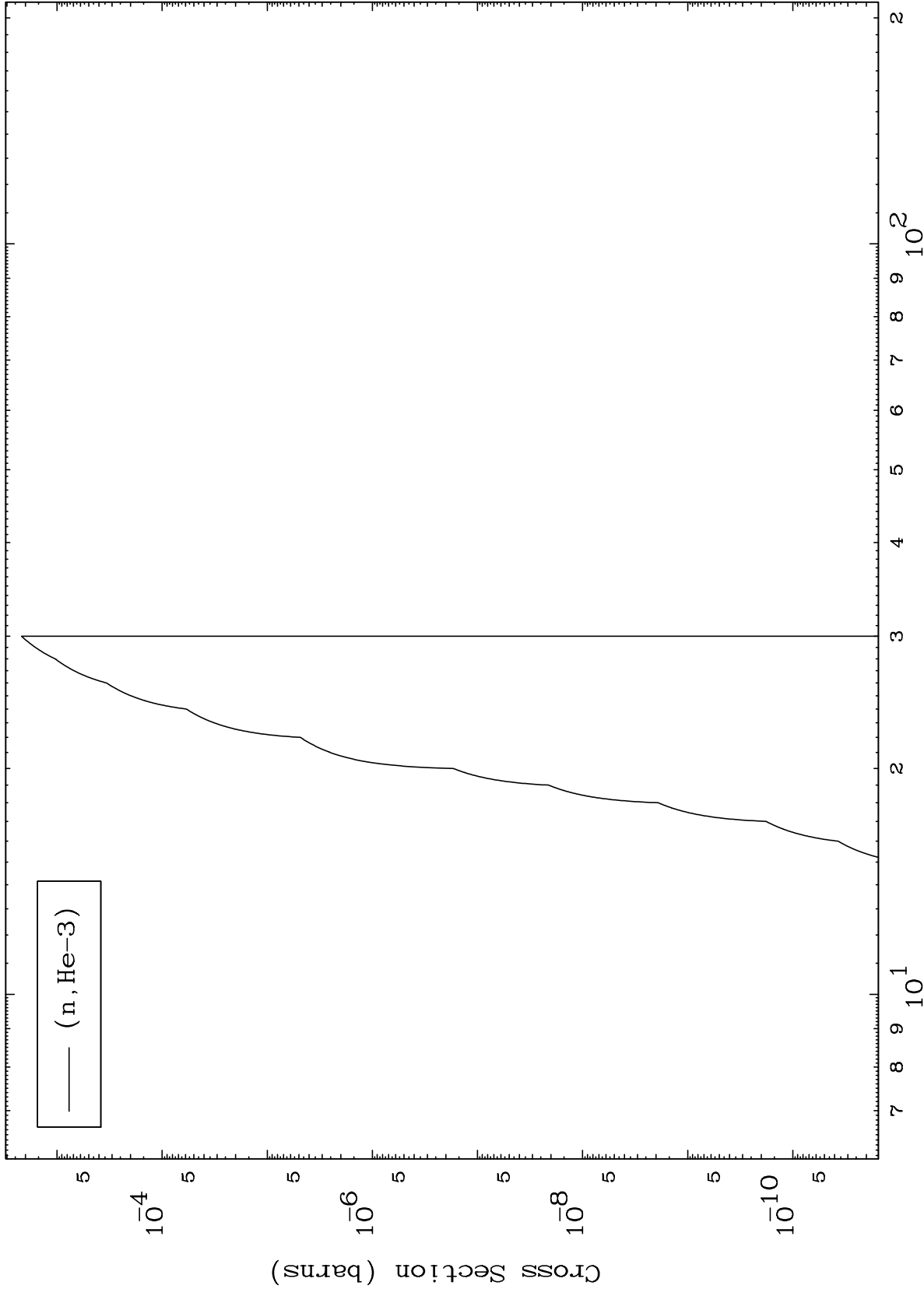


MAT 5617

(p,He3) Levels

56-Ba-127m

0 Kelvin Cross Sections



10

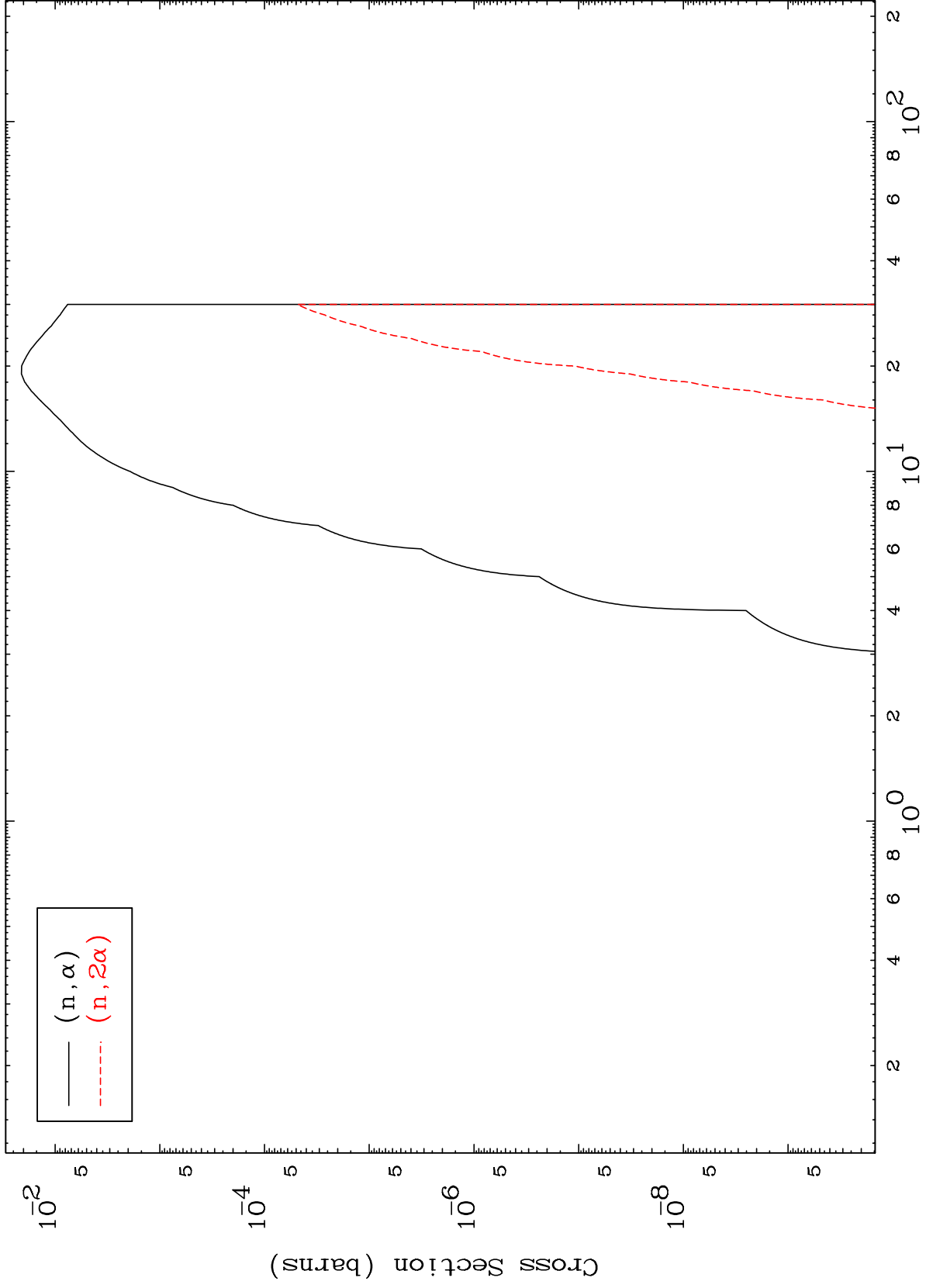
Incident Energy (MeV)

56-Ba-127m

MAT 5617

(p, α) Levels
0 Kelvin Cross Sections

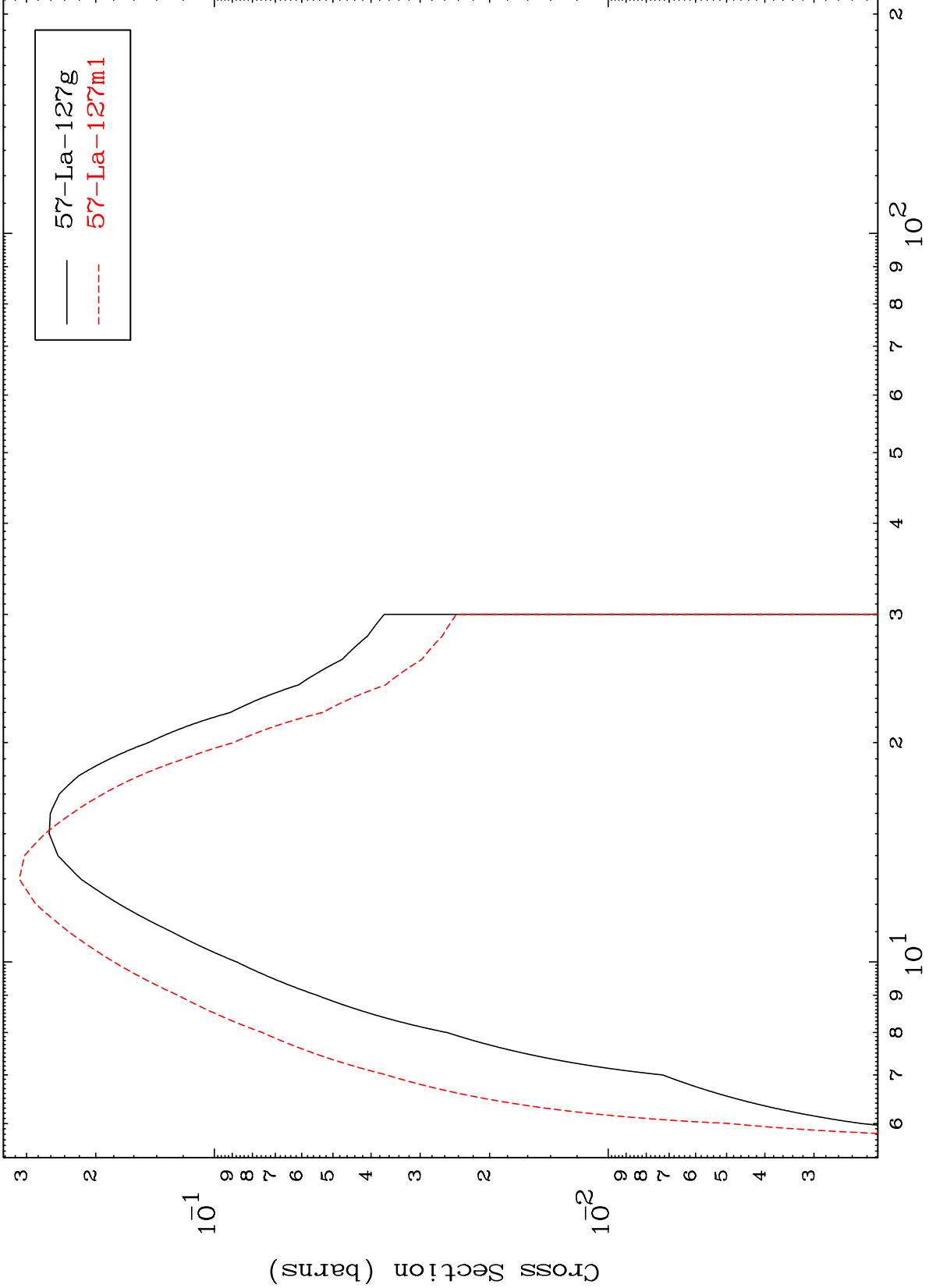
56-Ba-127m



MAT 5617

56-Ba-127m

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

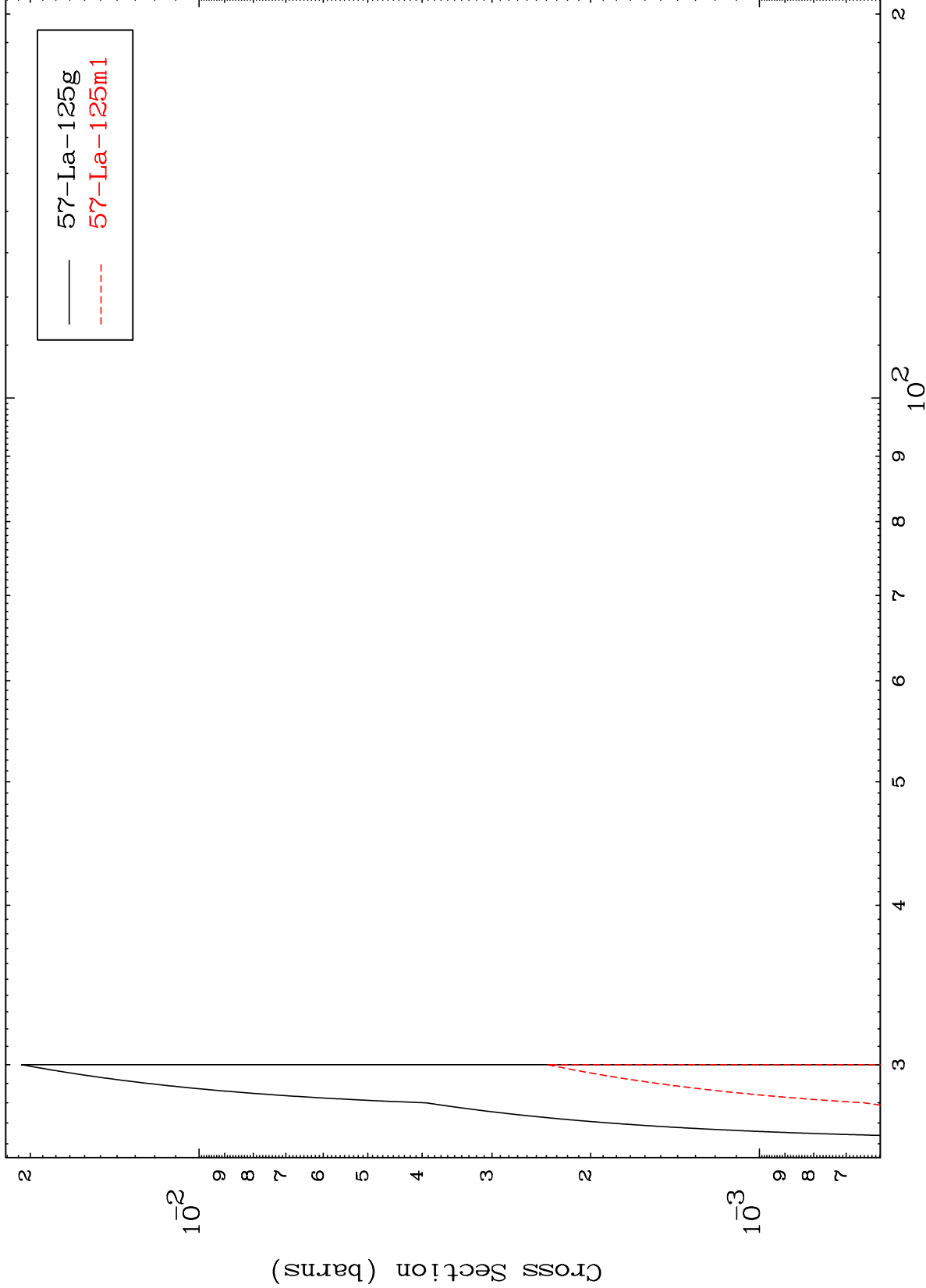
56-Ba-127m

MAT 5617

(n,3n)

56-Ba-127m

Radionuclide Production Cross Section



57-La-125g
57-La-125m1

13

Incident Energy (MeV)

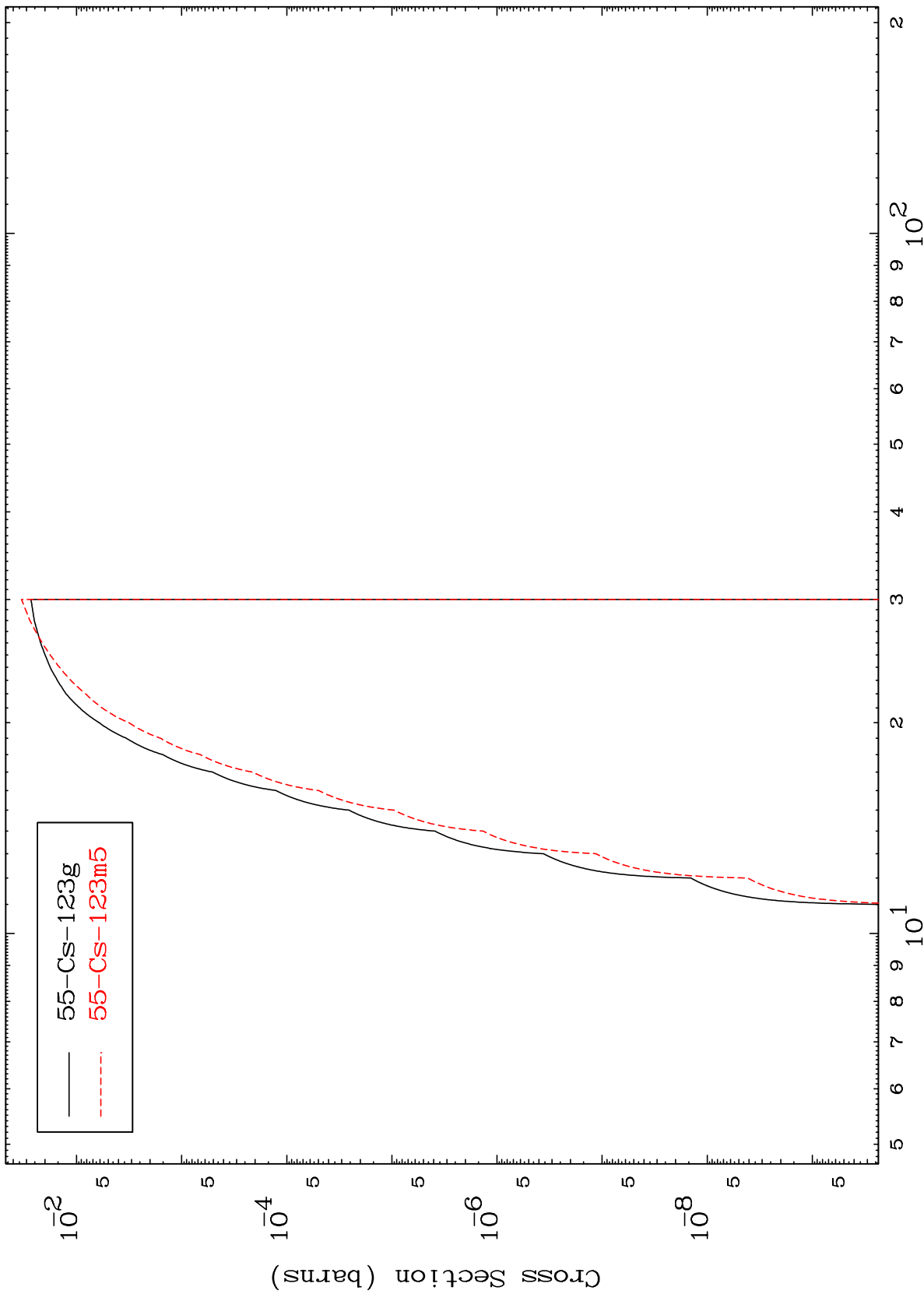
56-Ba-127m

MAT 5617

$(n, n') \alpha$

56-Ba-127m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

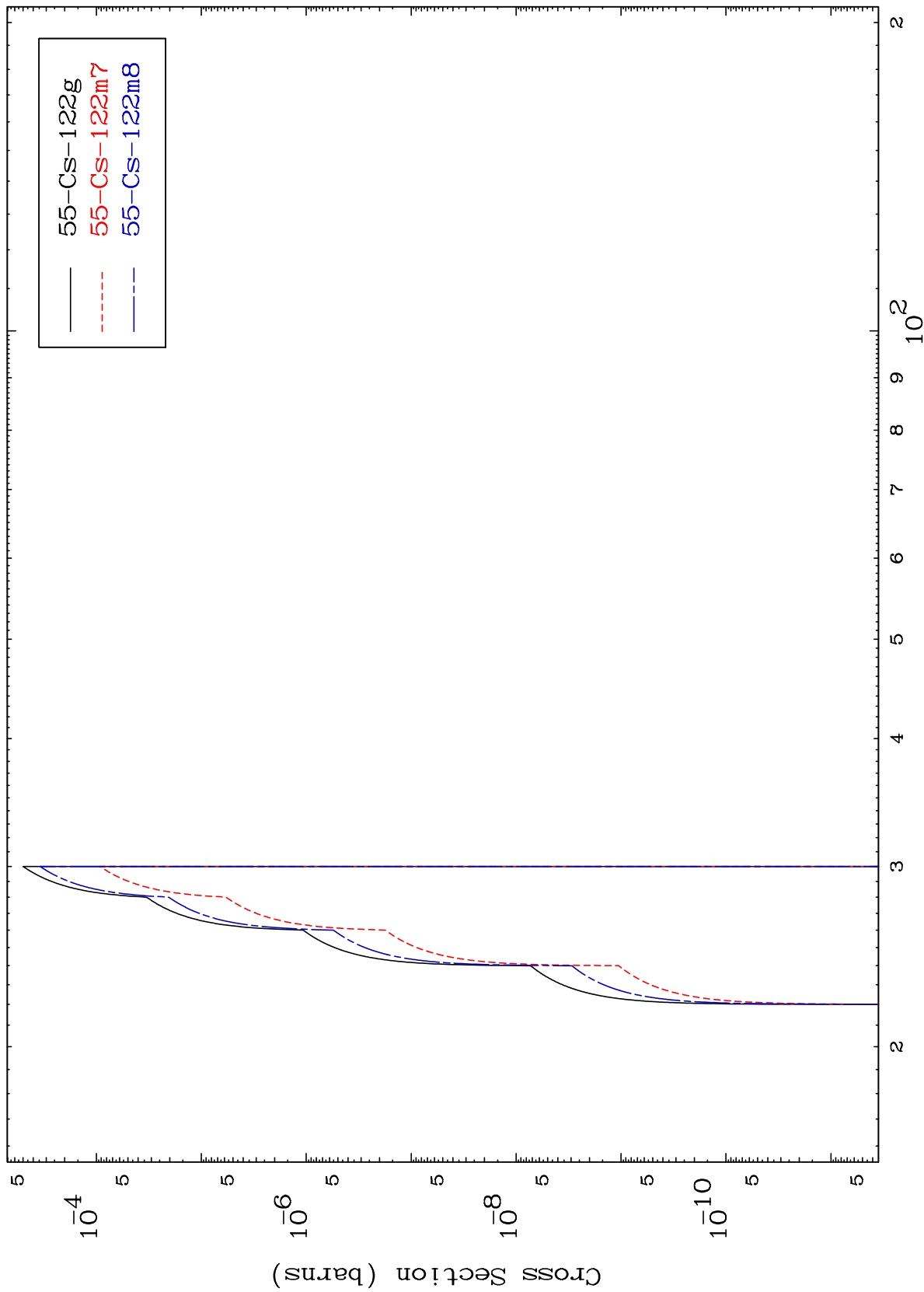
56-Ba-127m

MAT 5617

(n,2n) α

56-Ba-127m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

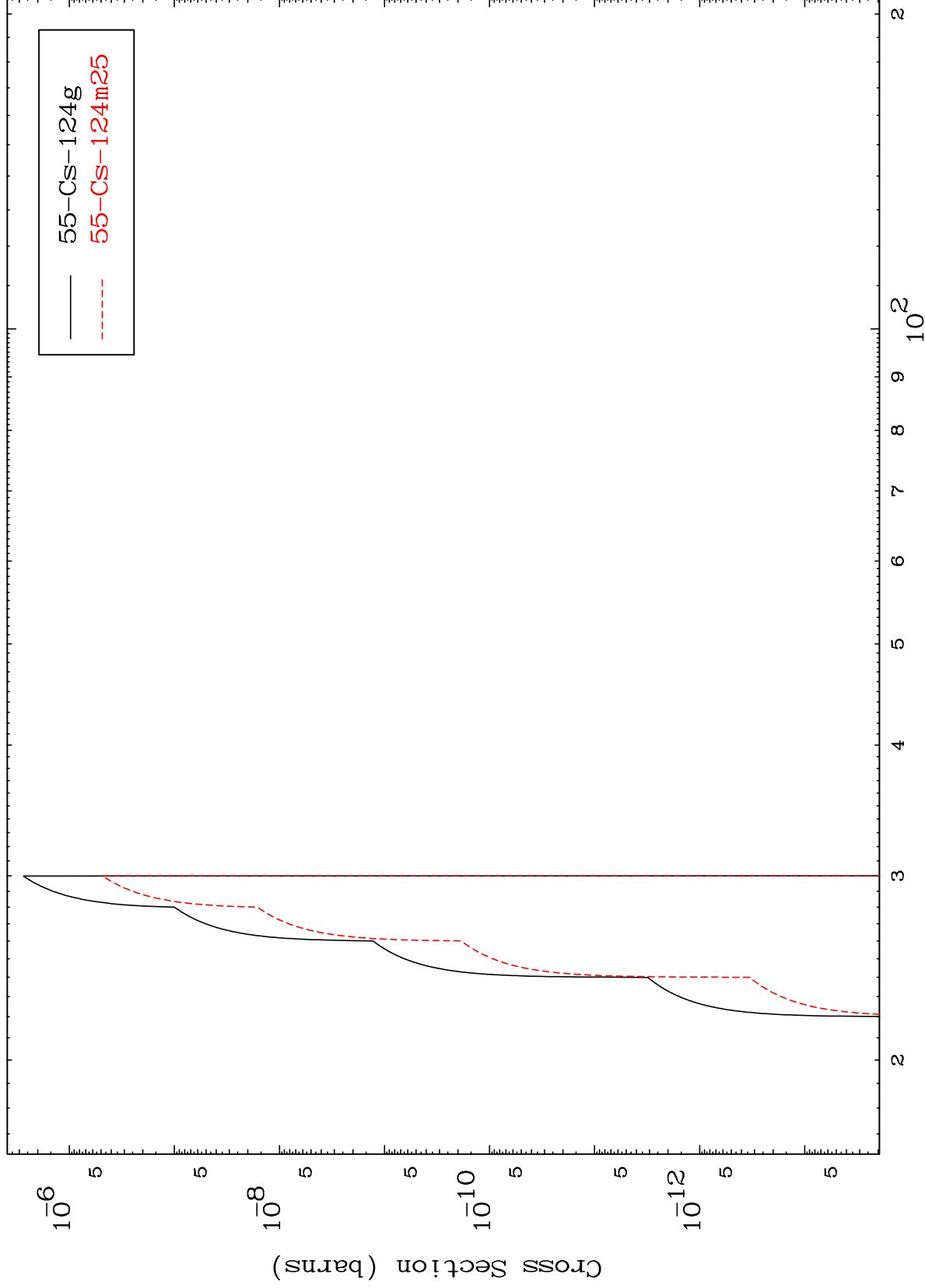
56-Ba-127m

MAT 5617

(n,n') He-3

56-Ba-127m

Radionuclide Production Cross Section



16

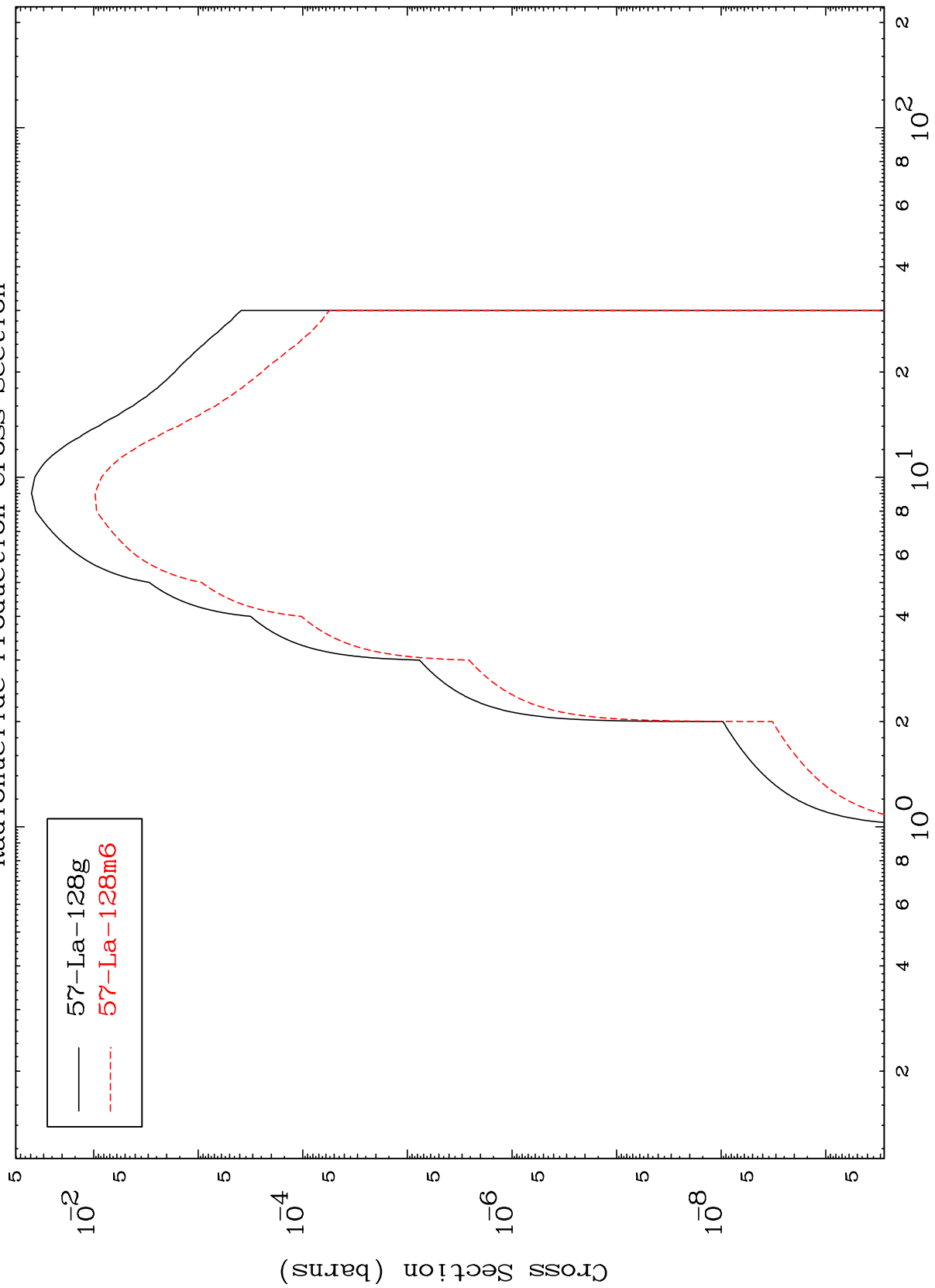
Incident Energy (MeV)

56-Ba-127m

MAT 5617

56-Ba-127m

(n, γ)
Radionuclide Production Cross Section



— 57-La-128g
- - - 57-La-128m6

56-Ba-127m

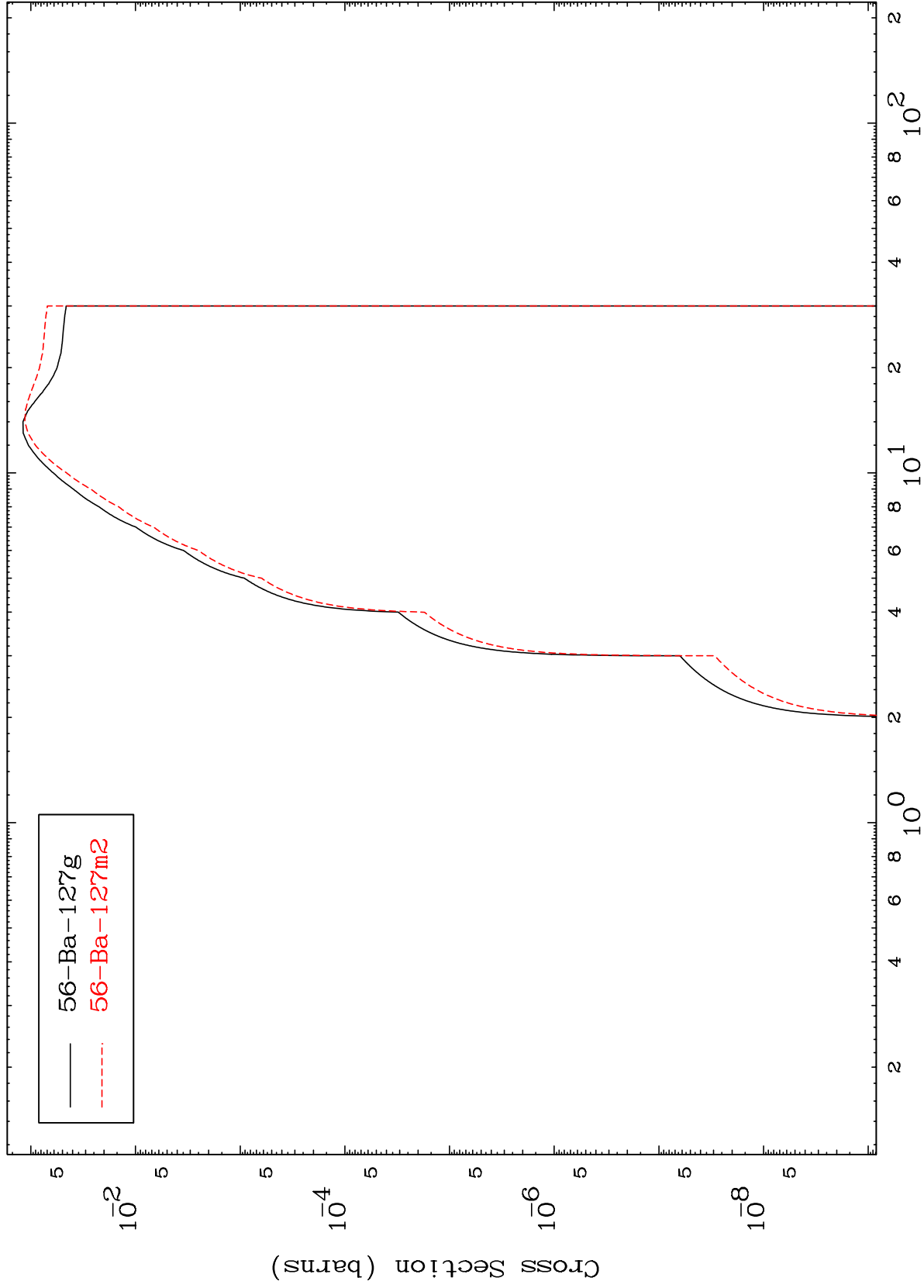
Incident Energy (MeV)

17

MAT 5617

56-Ba-127m

(n,p)
Radionuclide Production Cross Section



18

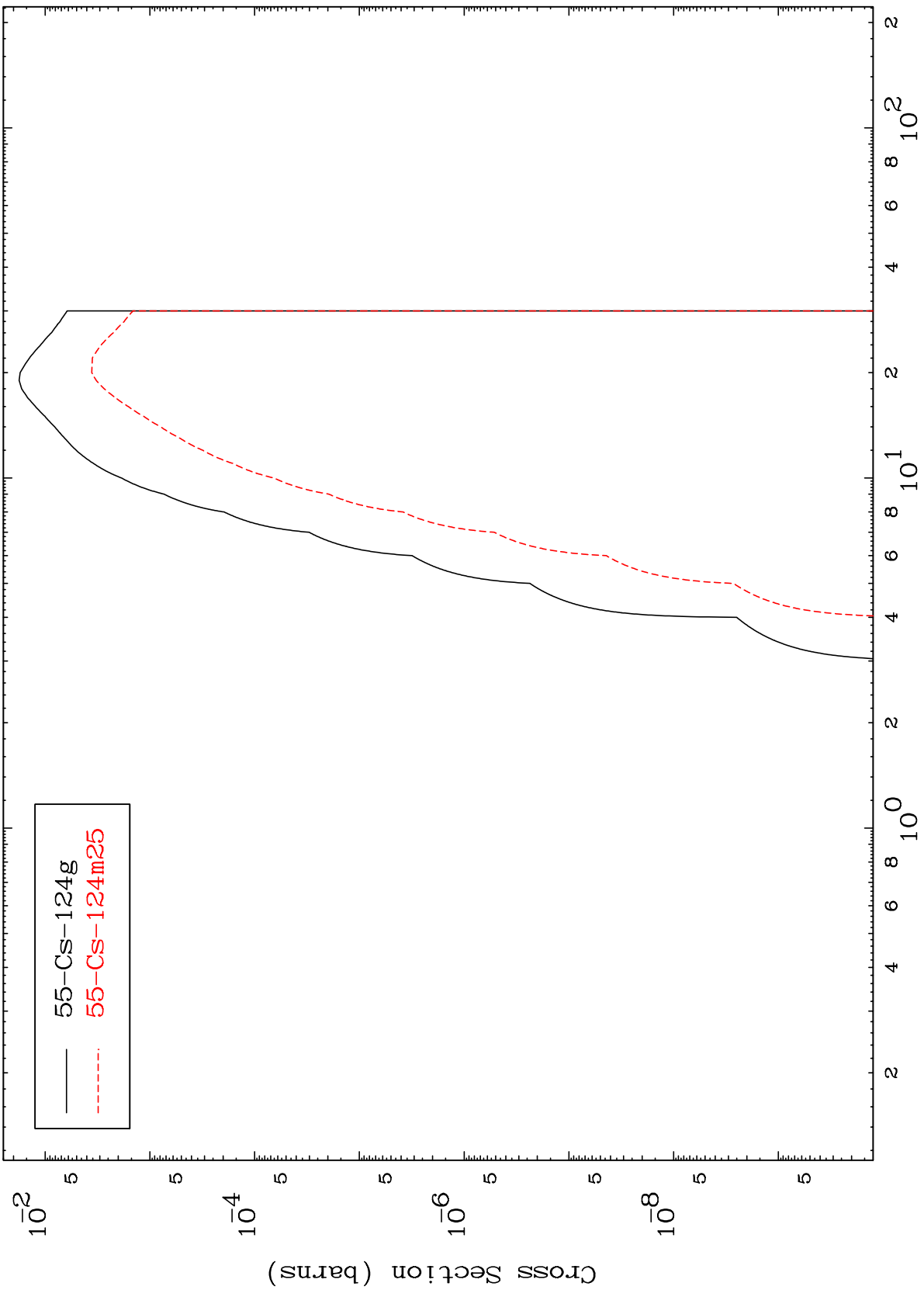
Incident Energy (MeV)

56-Ba-127m

MAT 5617

56-Ba-127m

Radionuclide Production Cross Section

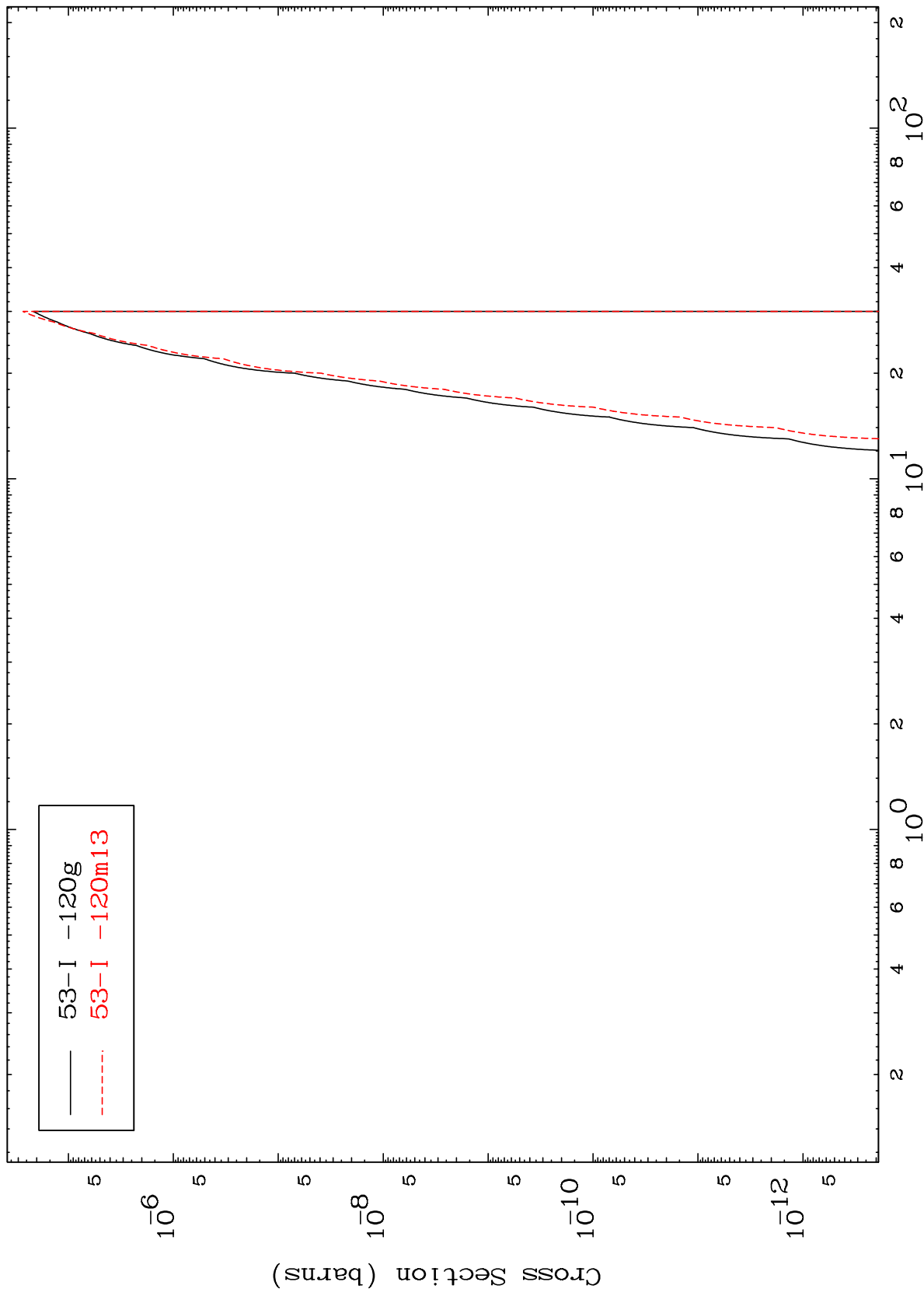


55-Cs-124g
55-Cs-124m25

MAT 5617

56-Ba-127m

Radionuclide Production Cross Section
(n,2α)

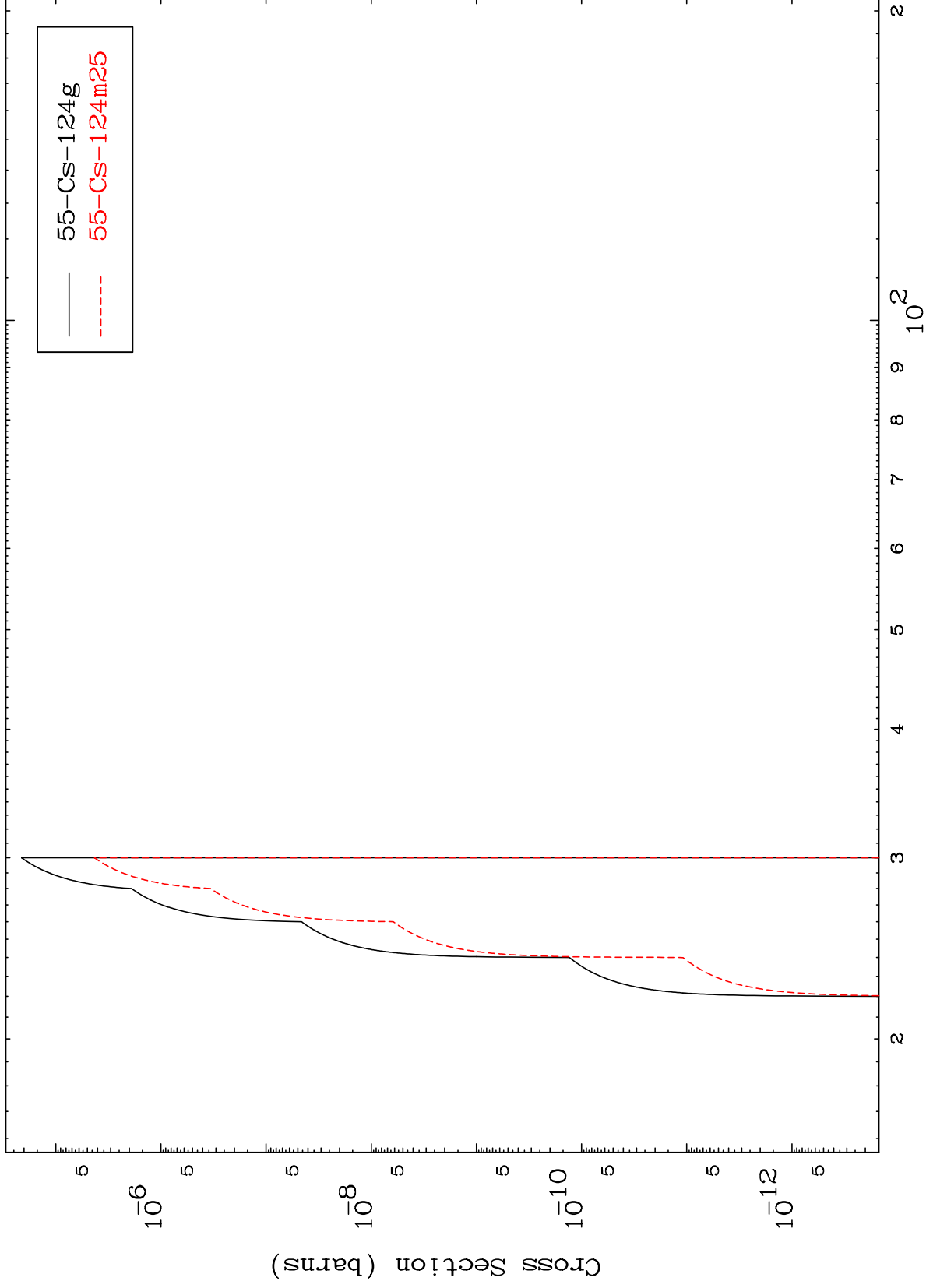


MAT 5617

(n,p) t

56-Ba-127m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-127m