

Program EVALPLOT
(Version 2021-1)

by

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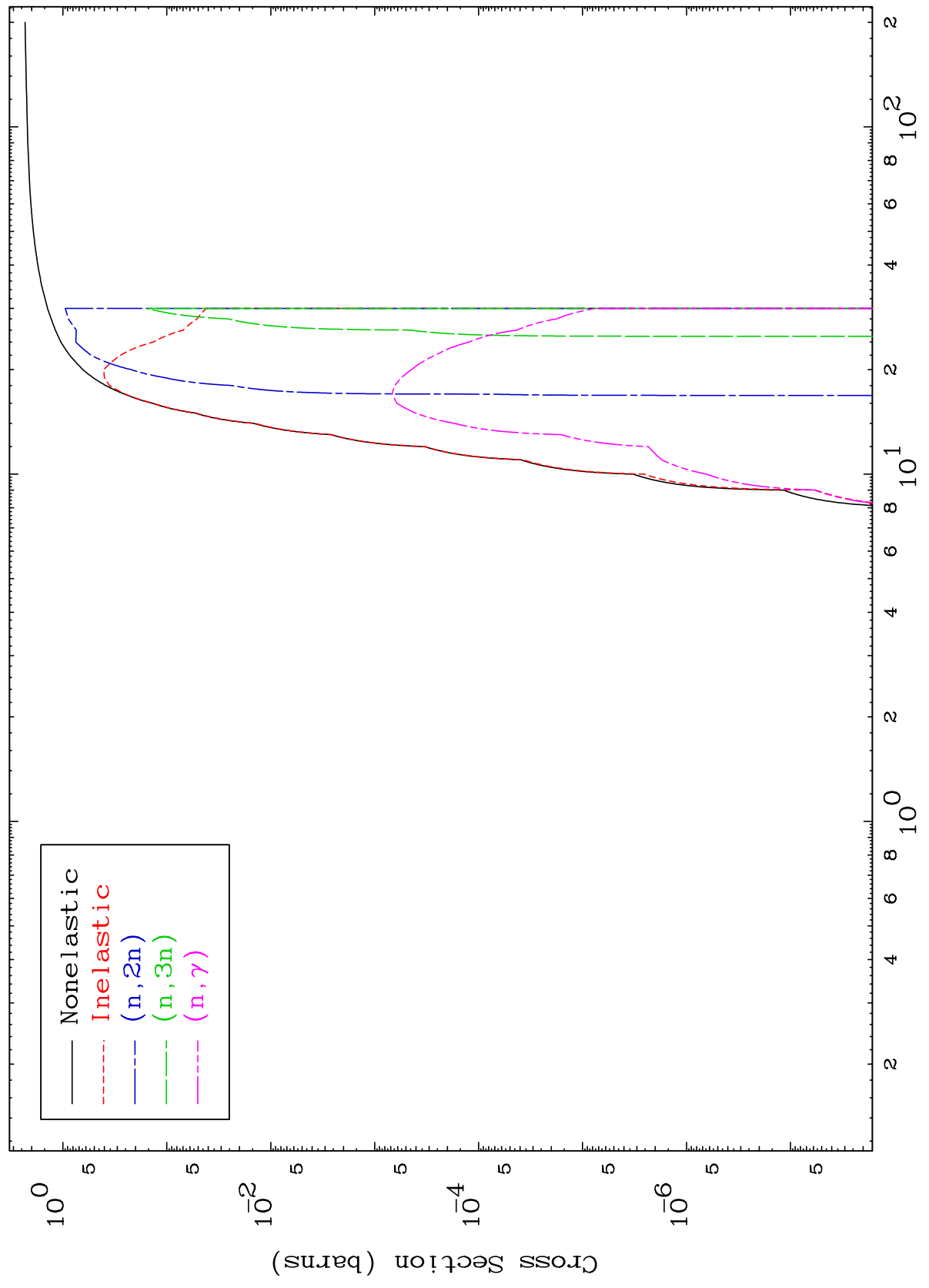
Press Mouse Button to Start

MAT 5635

0 Kelvin

α Major Cross Sections

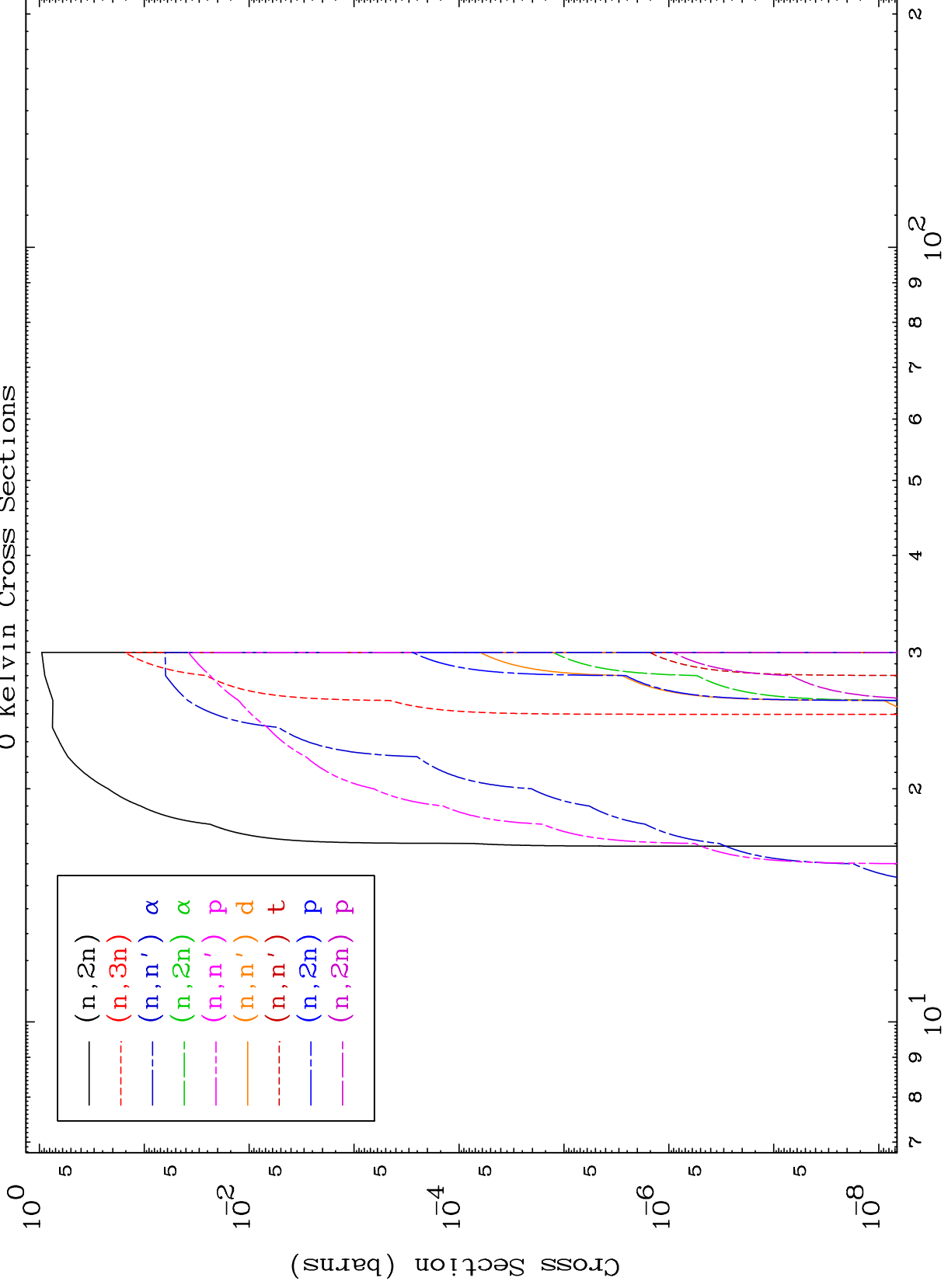
56-Ba-133m



MAT 5635

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-133m



2

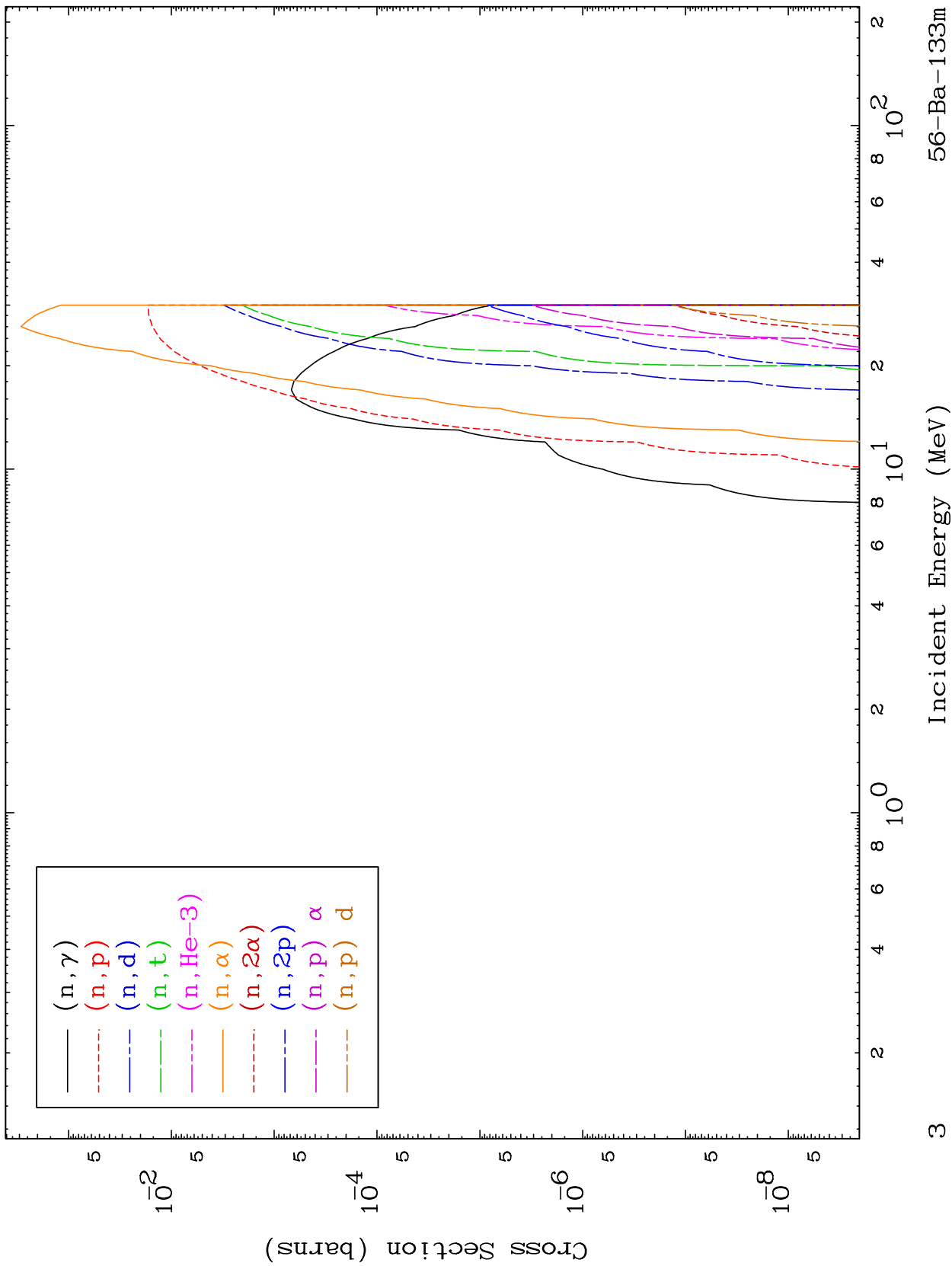
Incident Energy (MeV)

56-Ba-133m

MAT 5635

α Neutron Absorption
0 Kelvin Cross Sections

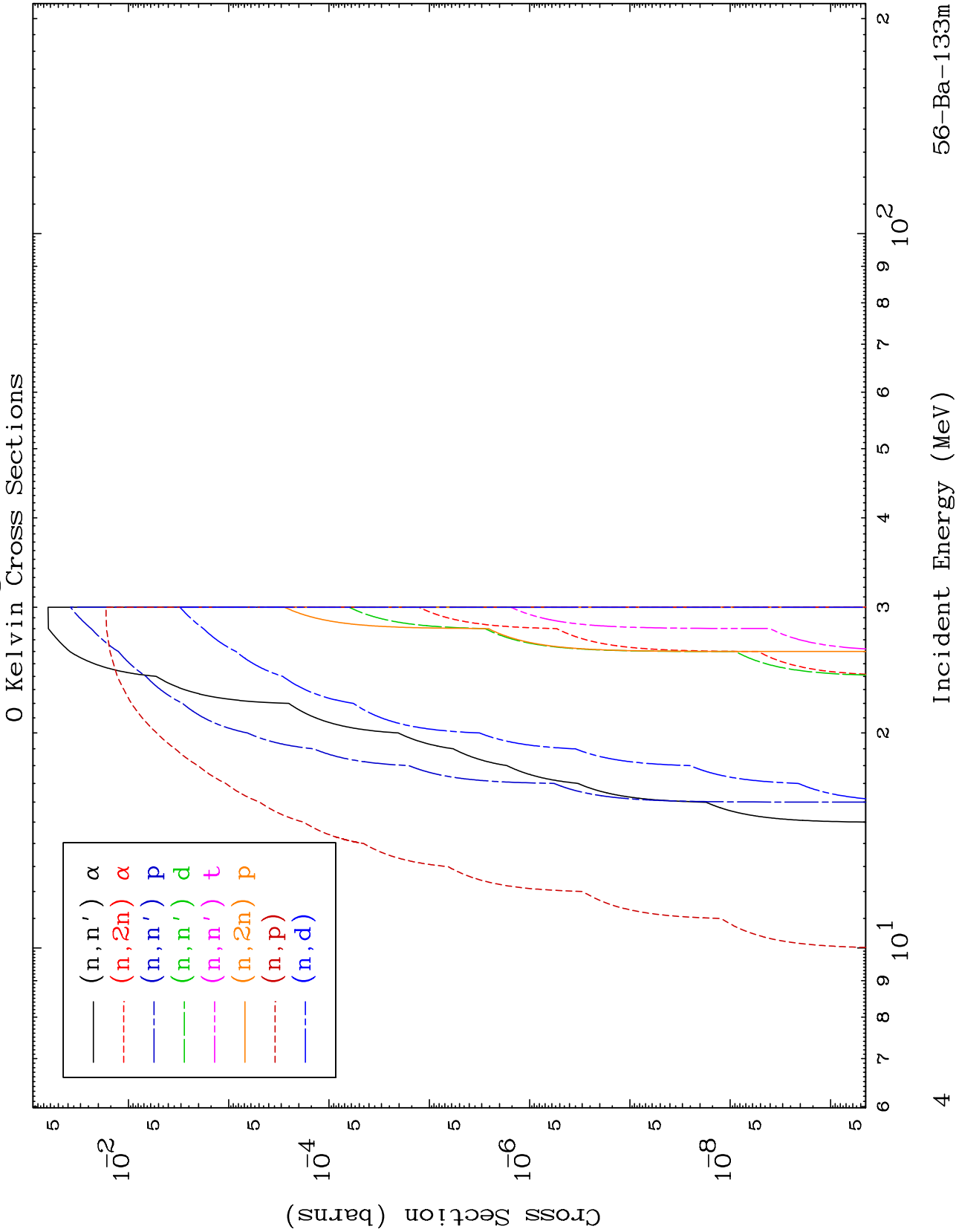
56-Ba-133m



MAT 5635

α Charged Particle

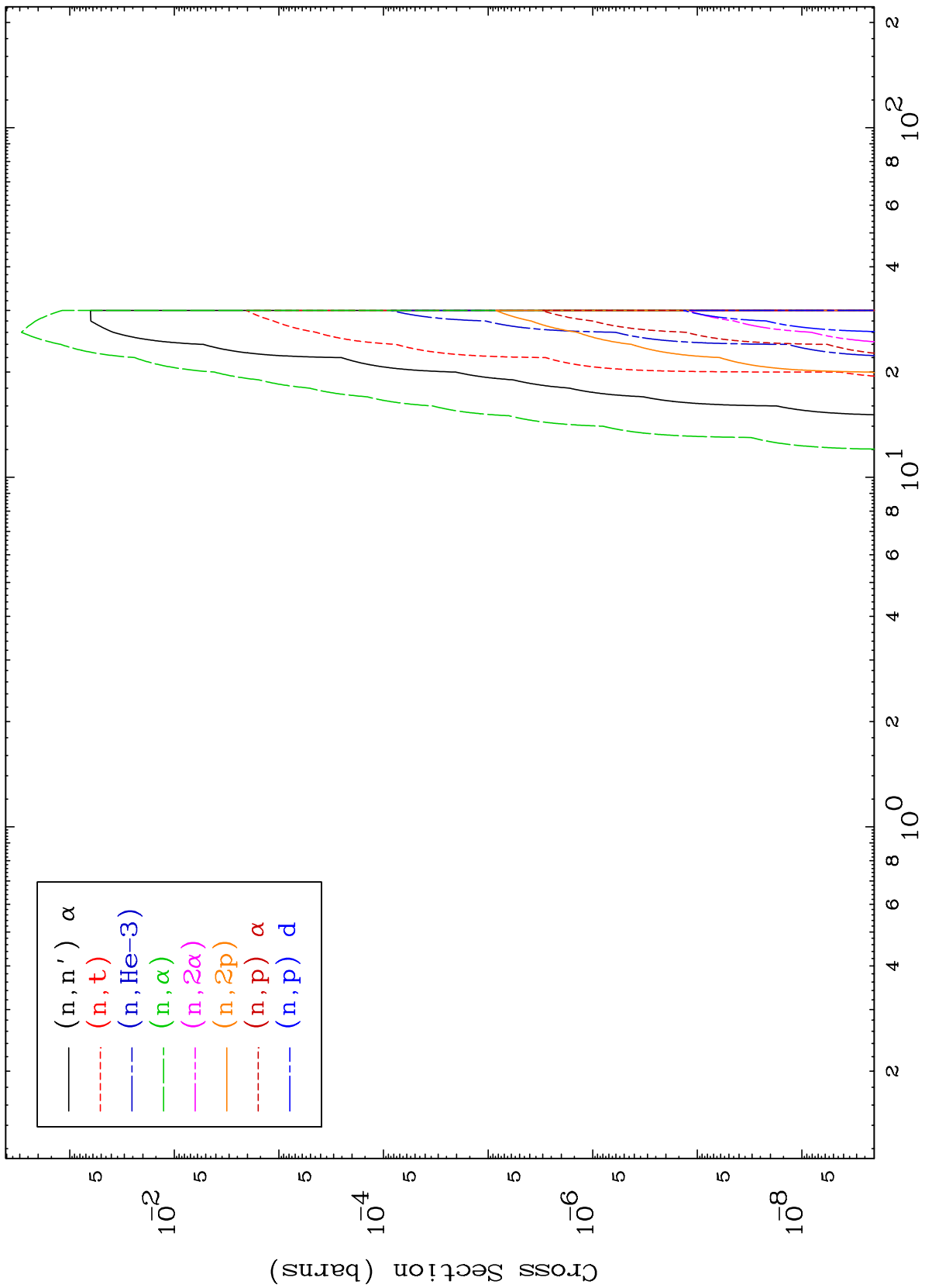
56-Ba-133m



MAT 5635

α Charged Particle
0 Kelvin Cross Sections

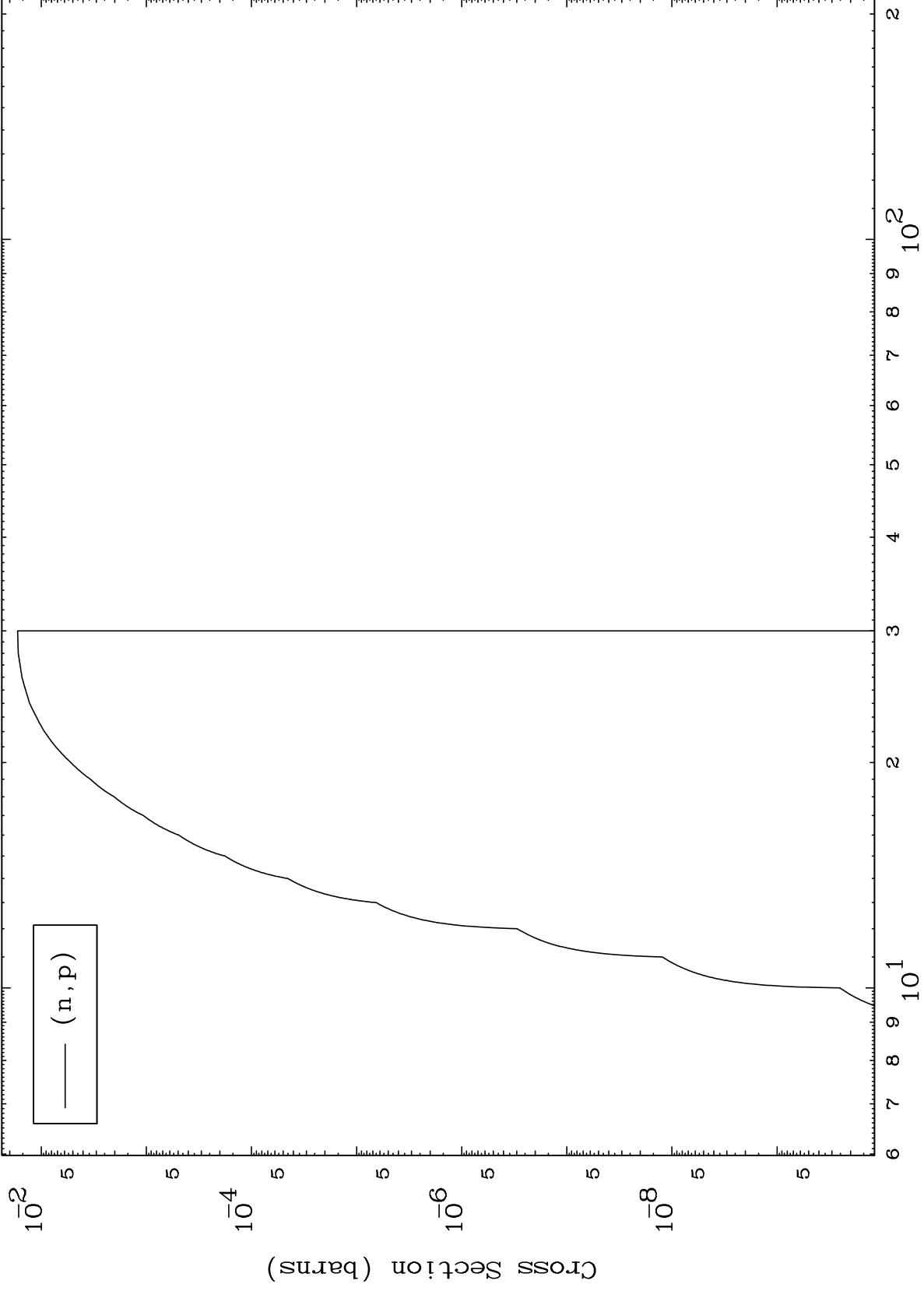
56-Ba-133m



MAT 5635

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-133m



6

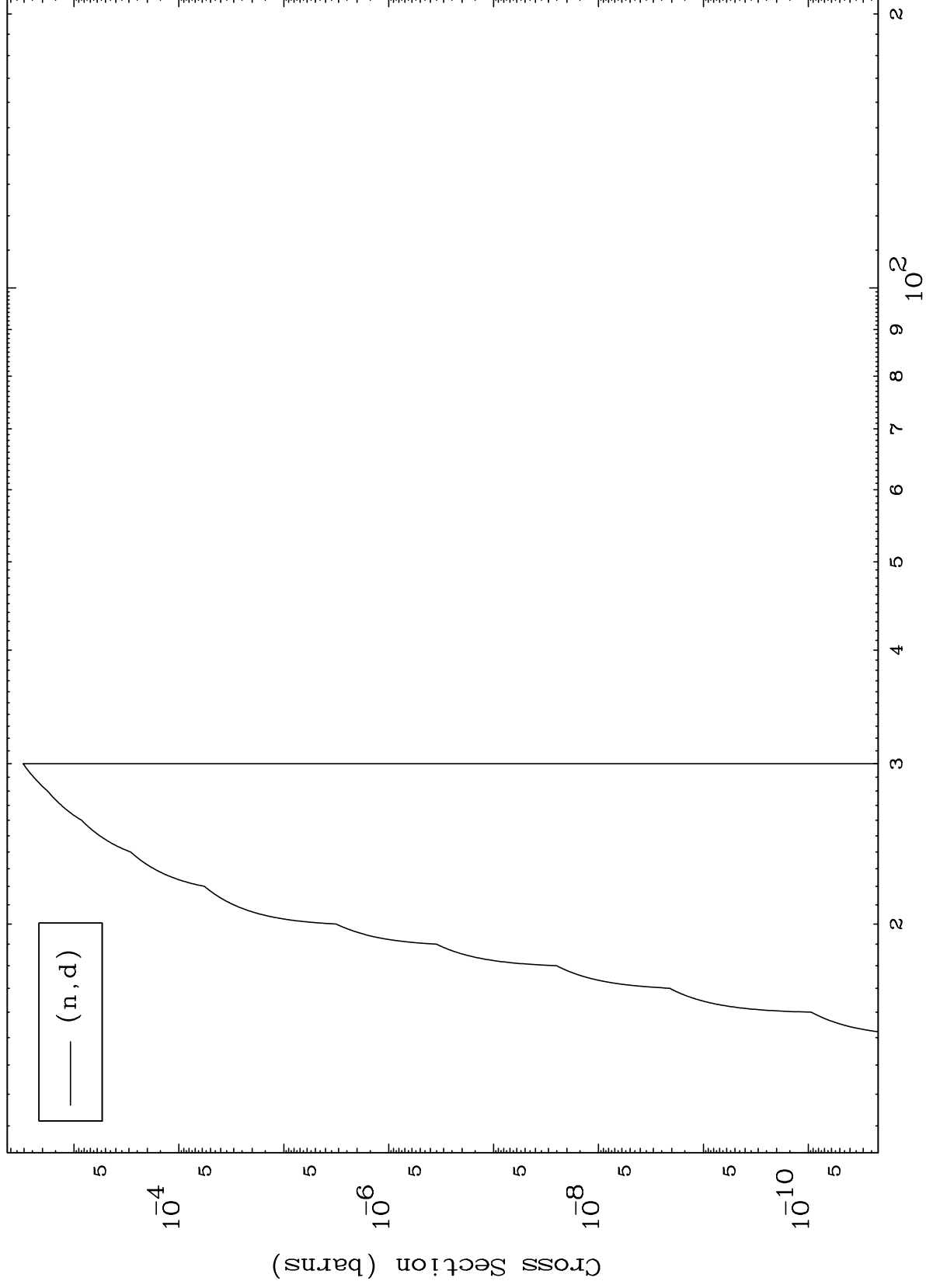
Incident Energy (MeV)

56-Ba-133m

MAT 5635

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-133m



7

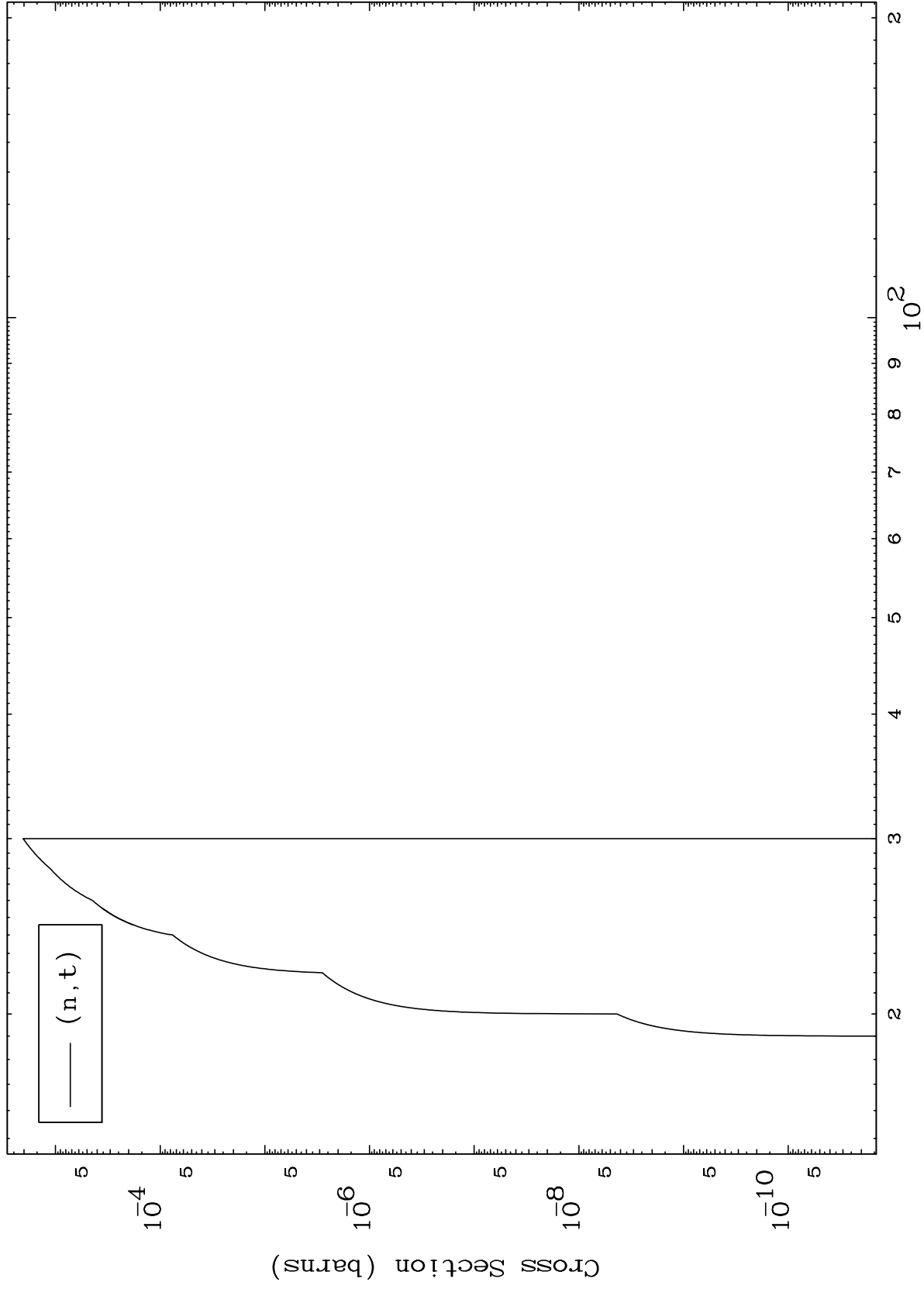
Incident Energy (MeV)

56-Ba-133m

MAT 5635

(α, t) Levels
0 Kelvin Cross Sections

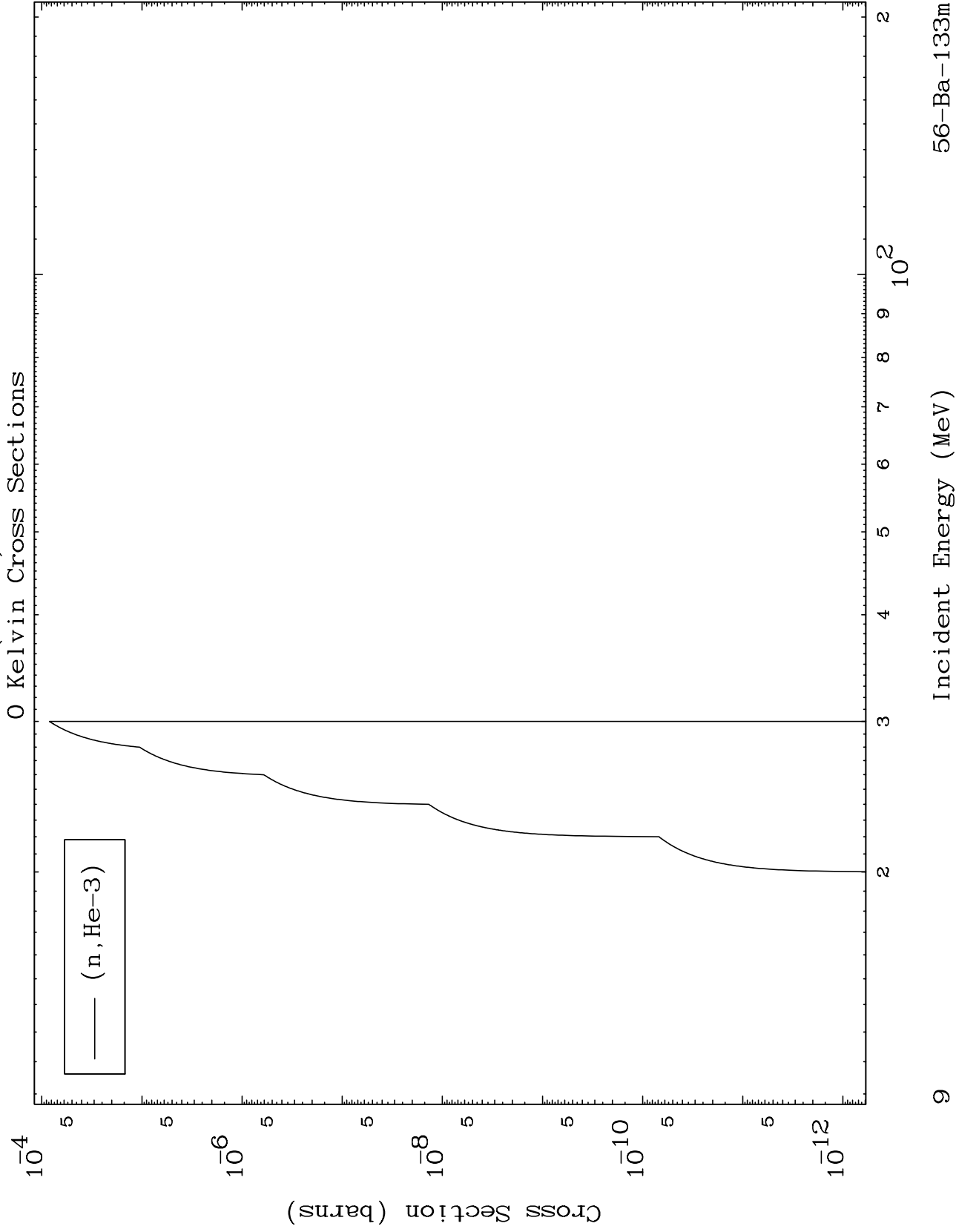
56-Ba-133m



MAT 5635

($\alpha, \text{He}3$) Levels

56-Ba-133m

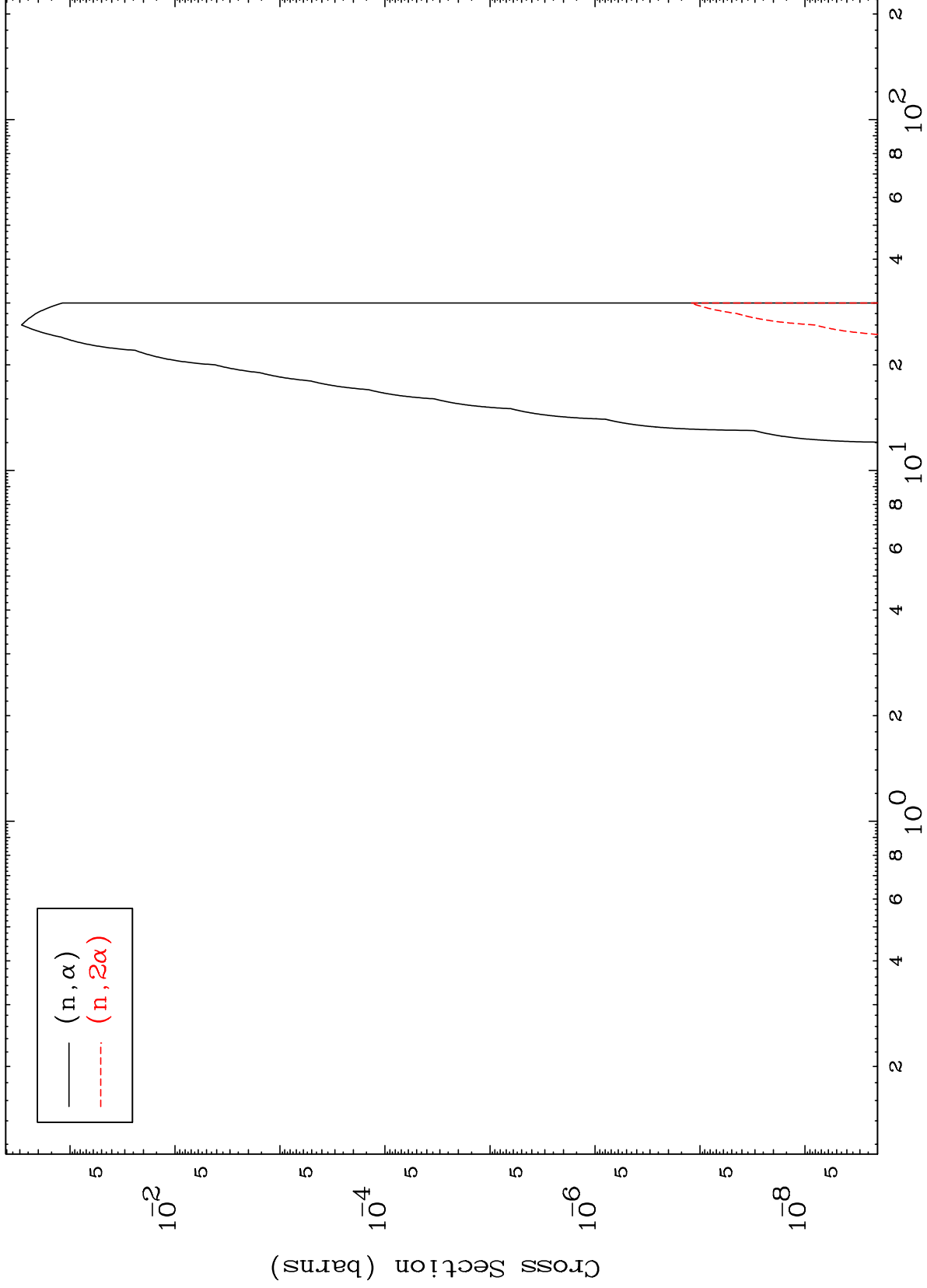


MAT 5635

(α, α) Levels

56-Ba-133m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

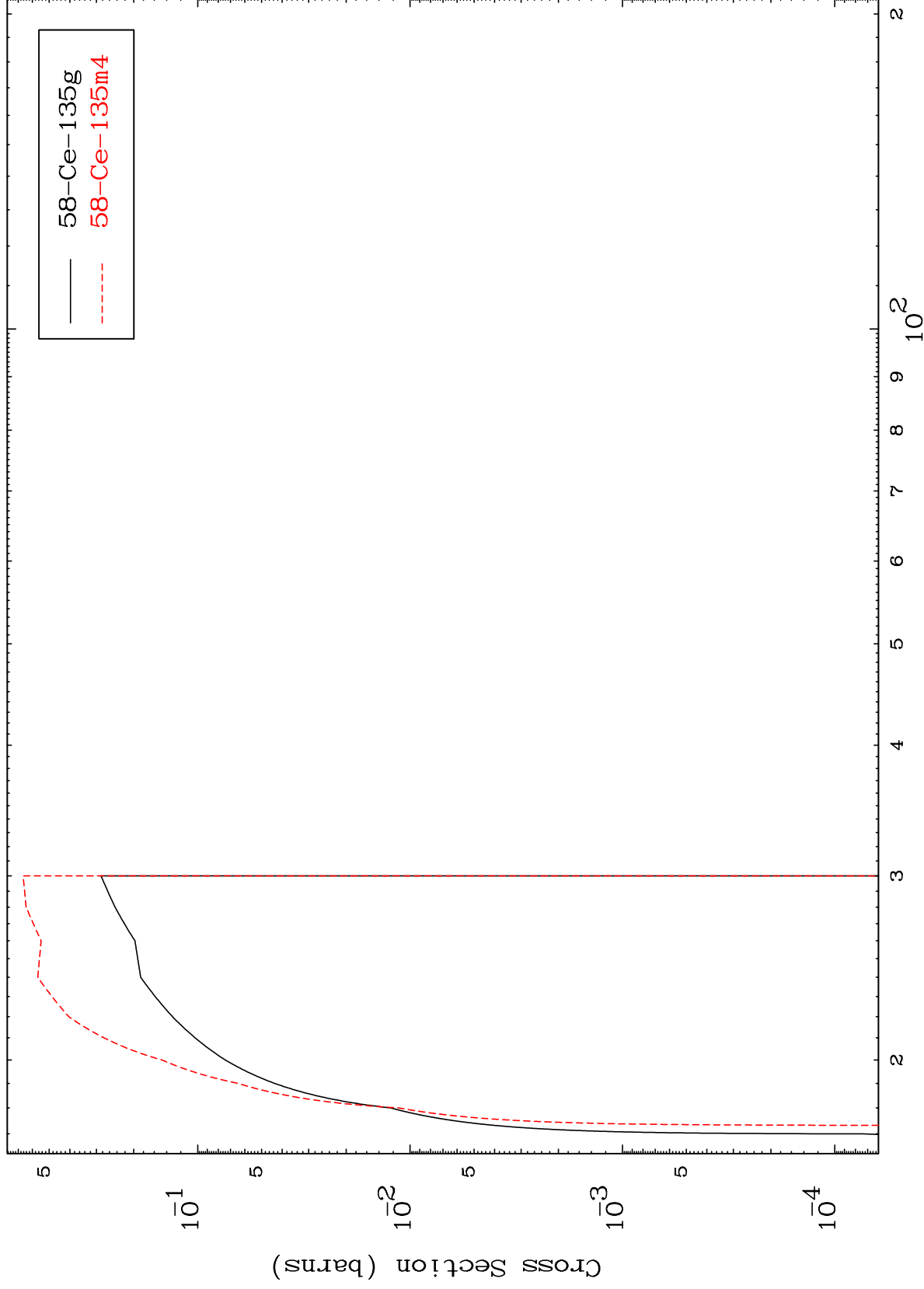
56-Ba-133m

MAT 5635

(n,2n)

56-Ba-133m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

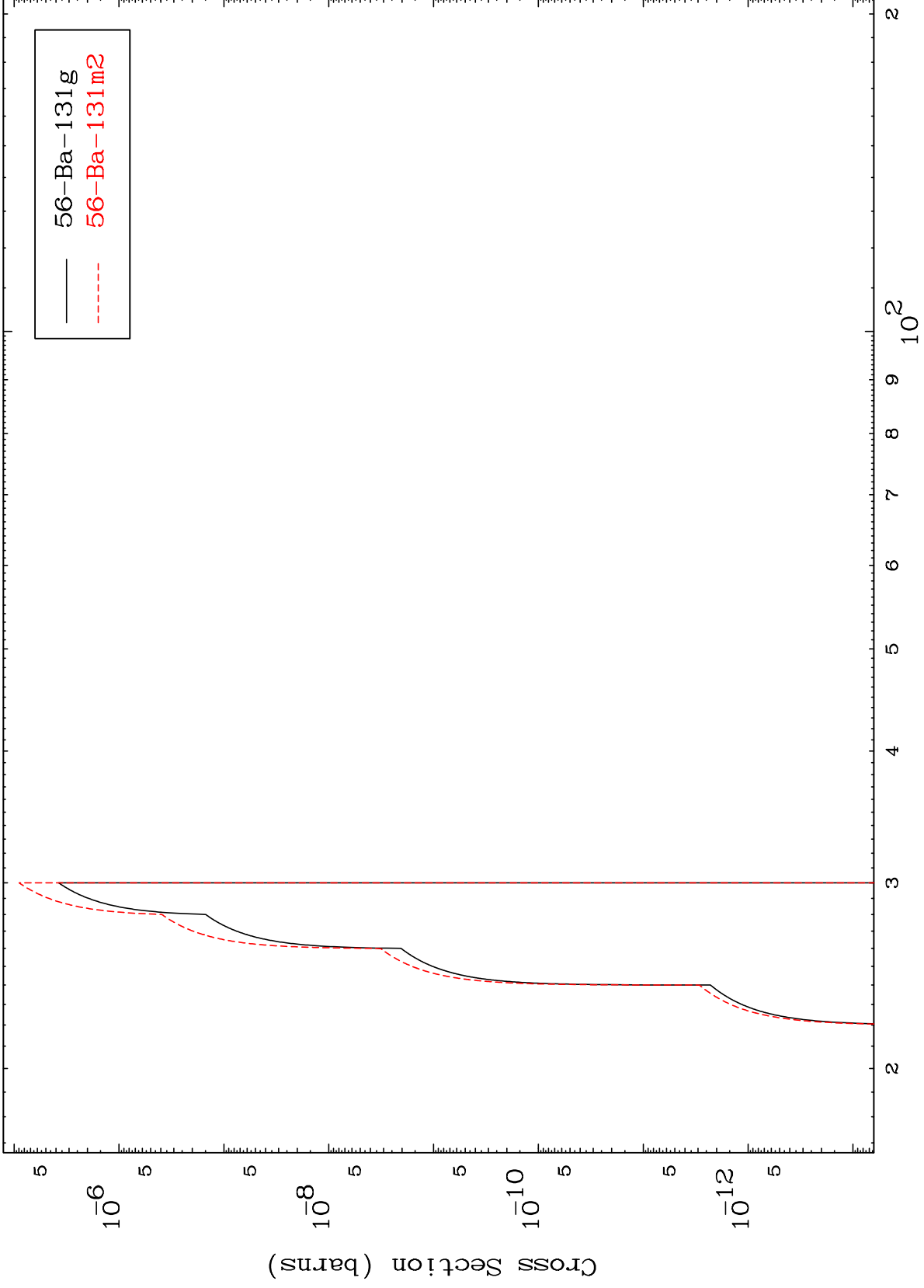
56-Ba-133m

MAT 5635

$(n,2n) \alpha$

56-Ba-133m

Radionuclide Production Cross Section



12

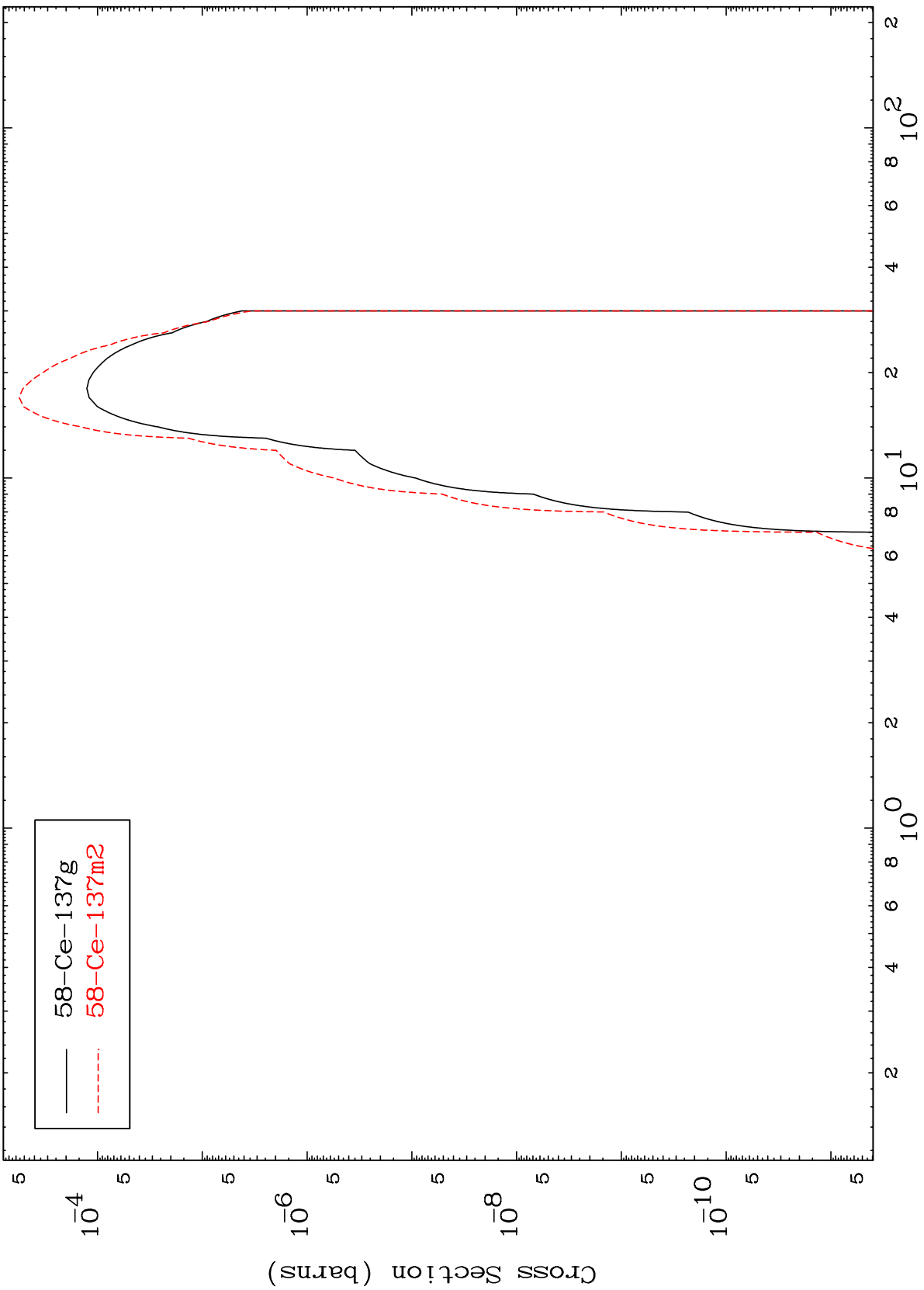
Incident Energy (MeV)

56-Ba-133m

MAT 5635

56-Ba-133m

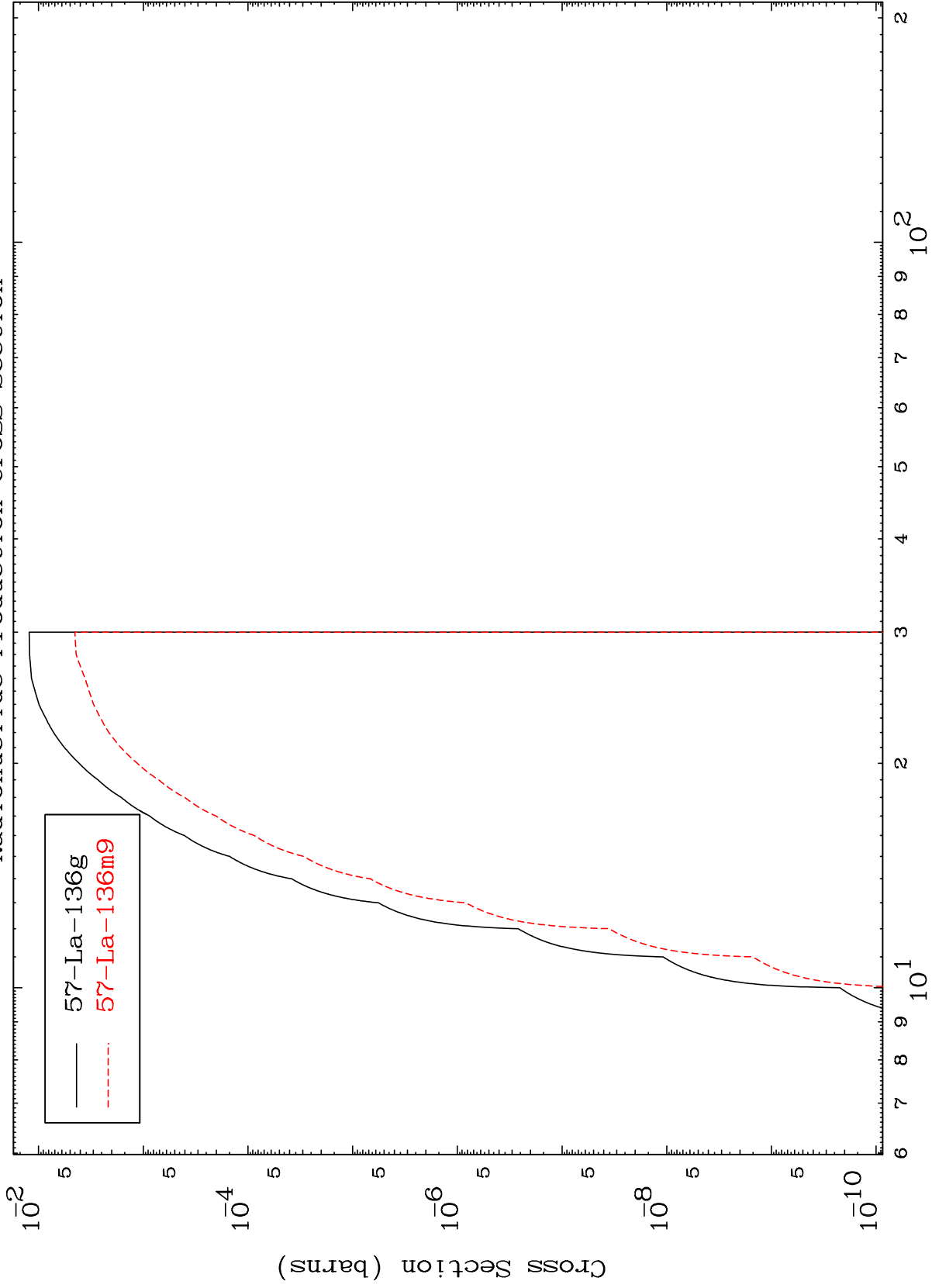
(n, γ)
Radionuclide Production Cross Section



MAT 5635

56-Ba-133m

Radionuclide Production Cross Section (n,p)



56-Ba-133m

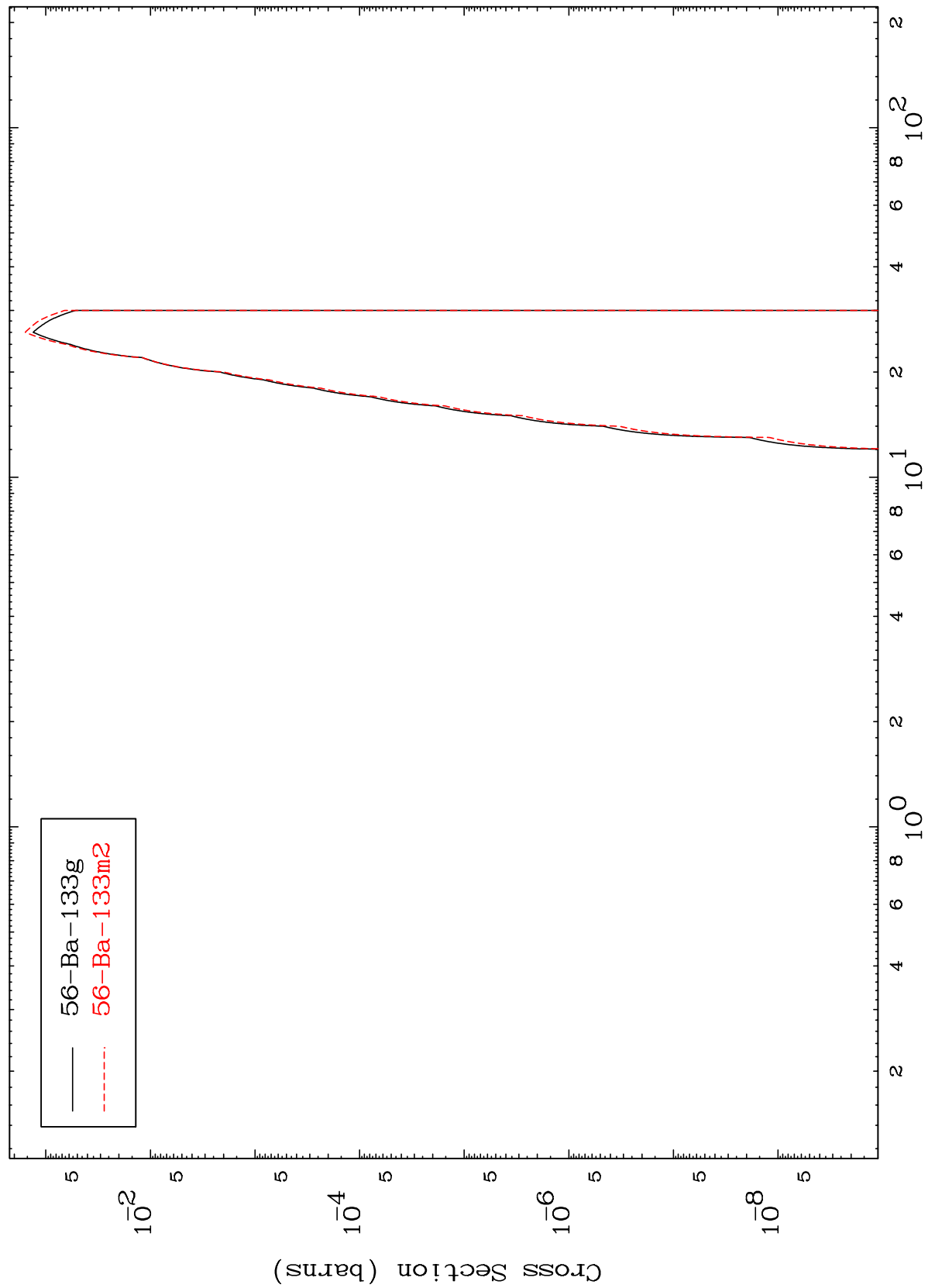
Incident Energy (MeV)

14

MAT 5635

56-Ba-133m

Radionuclide Production Cross Section
(n, α)



15

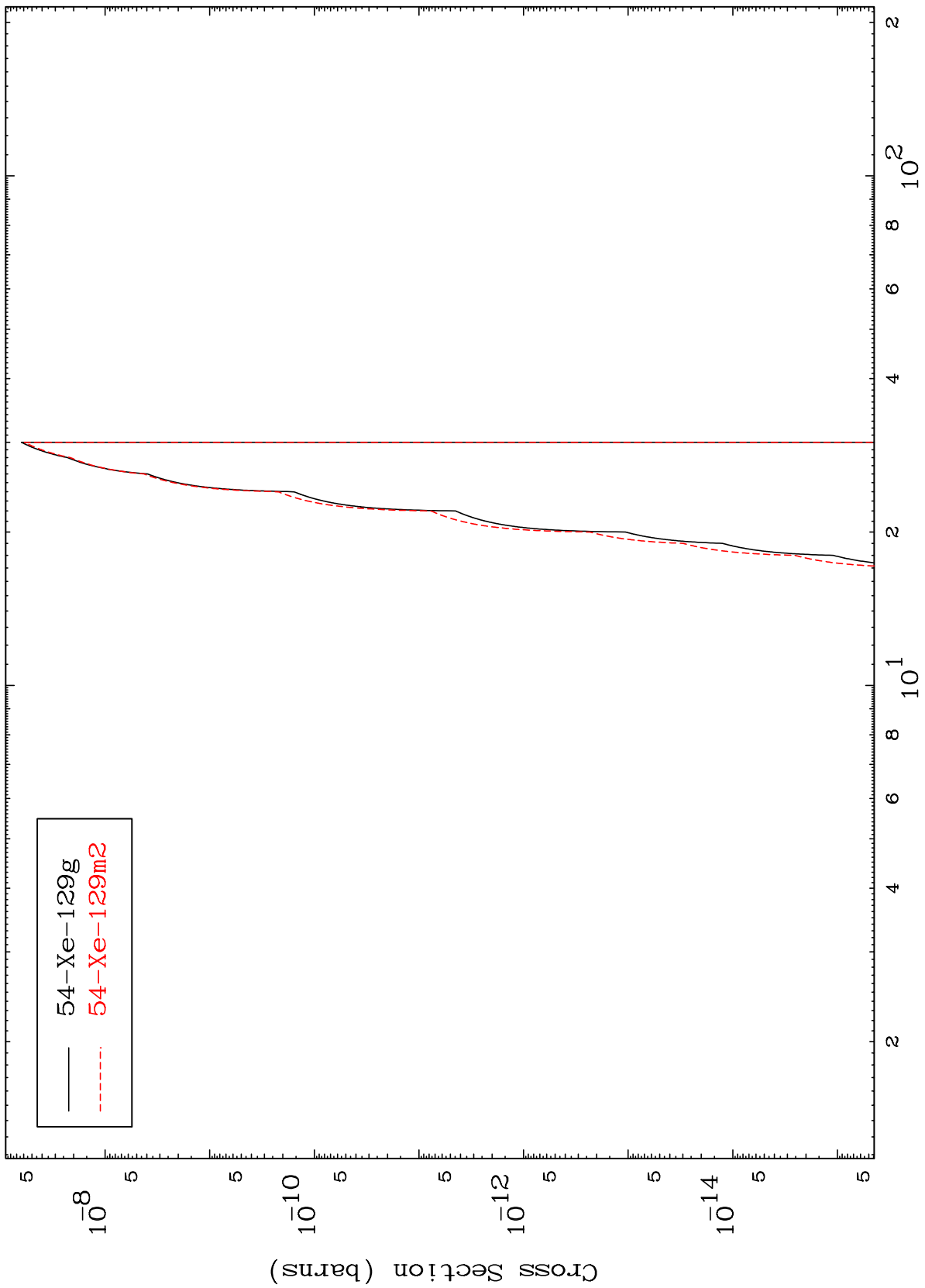
56-Ba-133m

Incident Energy (MeV)

MAT 5635

56-Ba-133m

(n,2α)
Radionuclide Production Cross Section



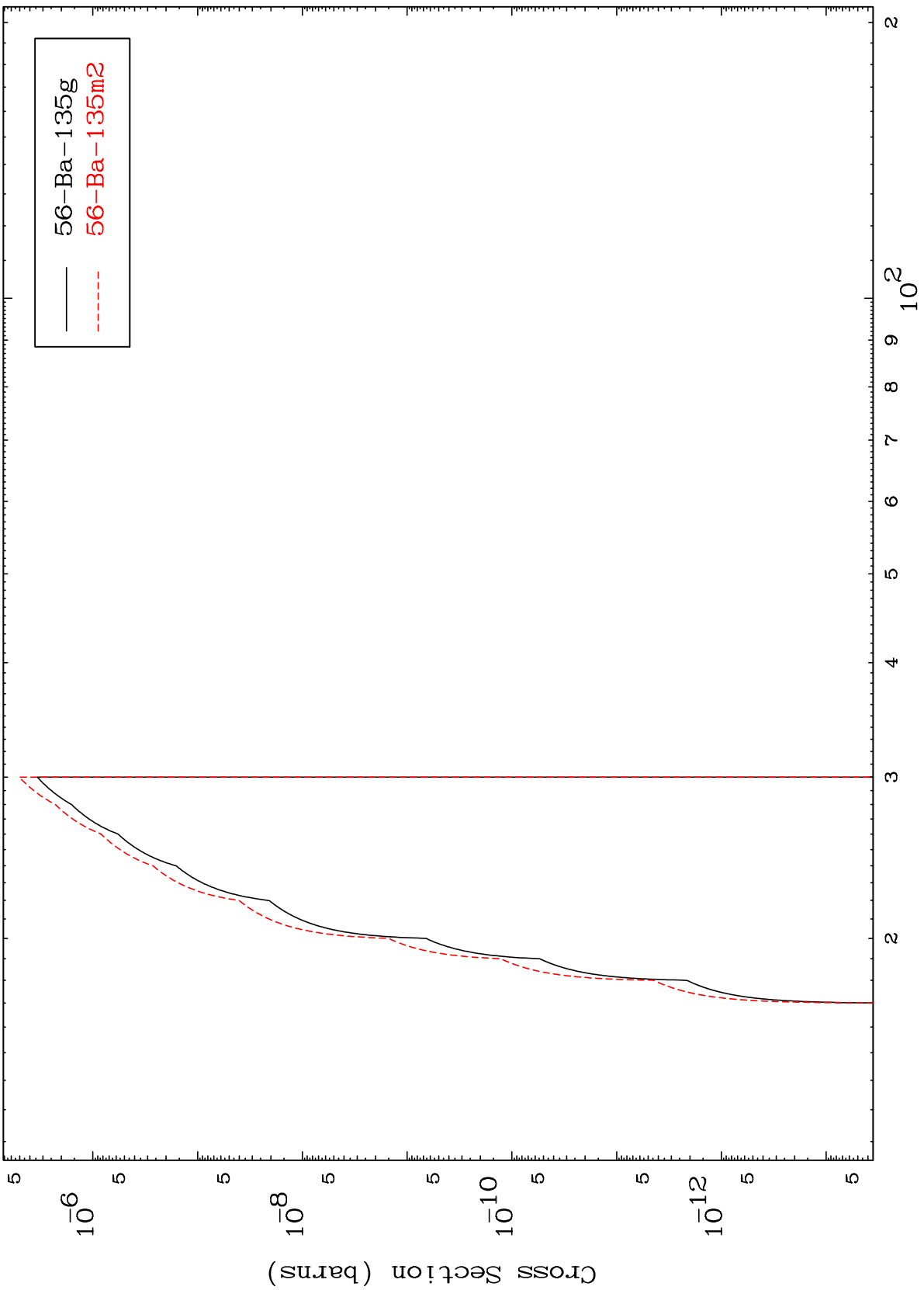
— 54-Xe-129g
- - - 54-Xe-129m2

MAT 5635

56-Ba-133m

(n,2p)

Radionuclide Production Cross Section



17

Incident Energy (MeV)

56-Ba-133m