

Program EVALPLOT
(Version 2021-1)

by

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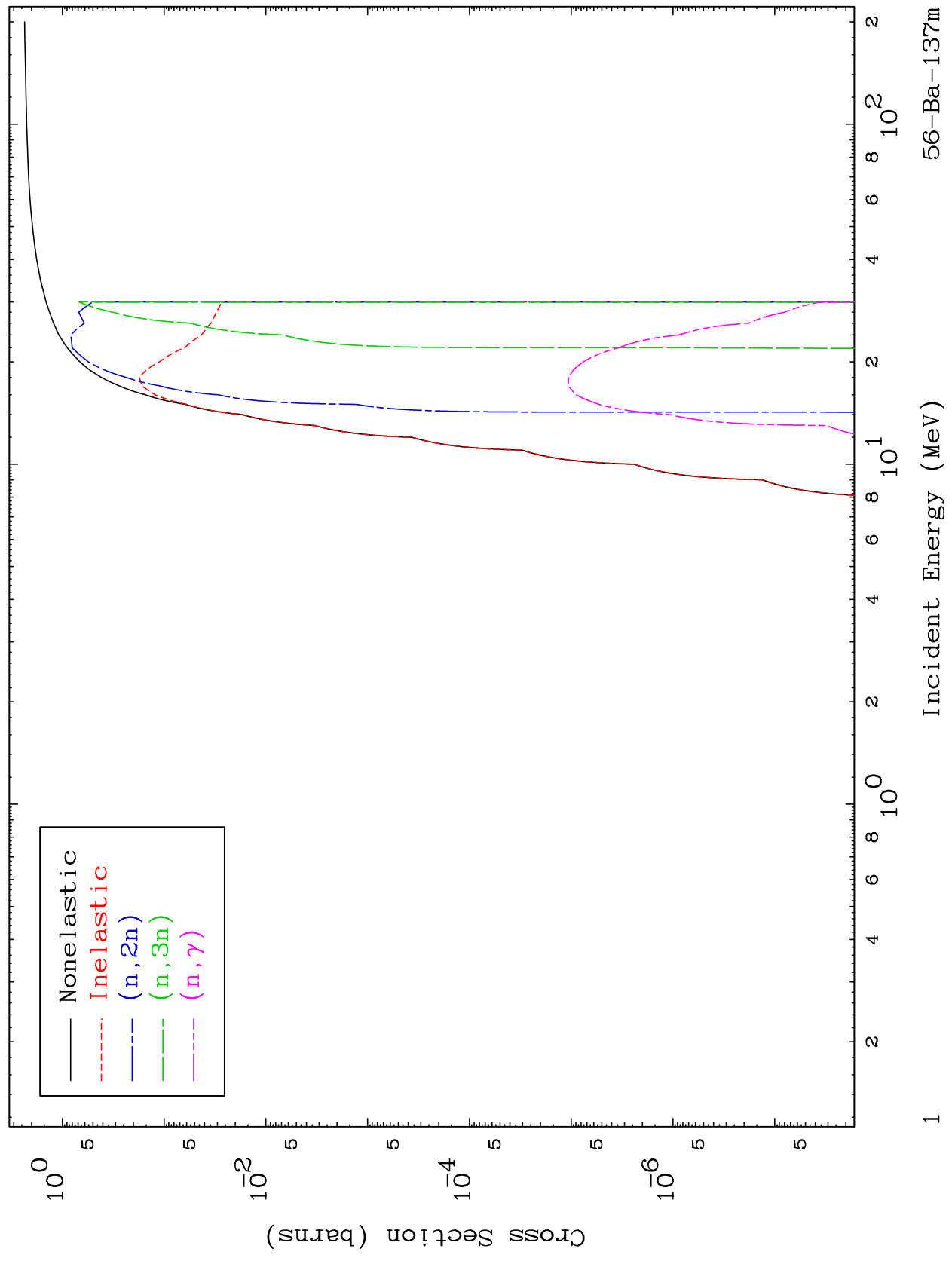
Press Mouse Button to Start

MAT 5647

0 Kelvin

α Major Cross Sections

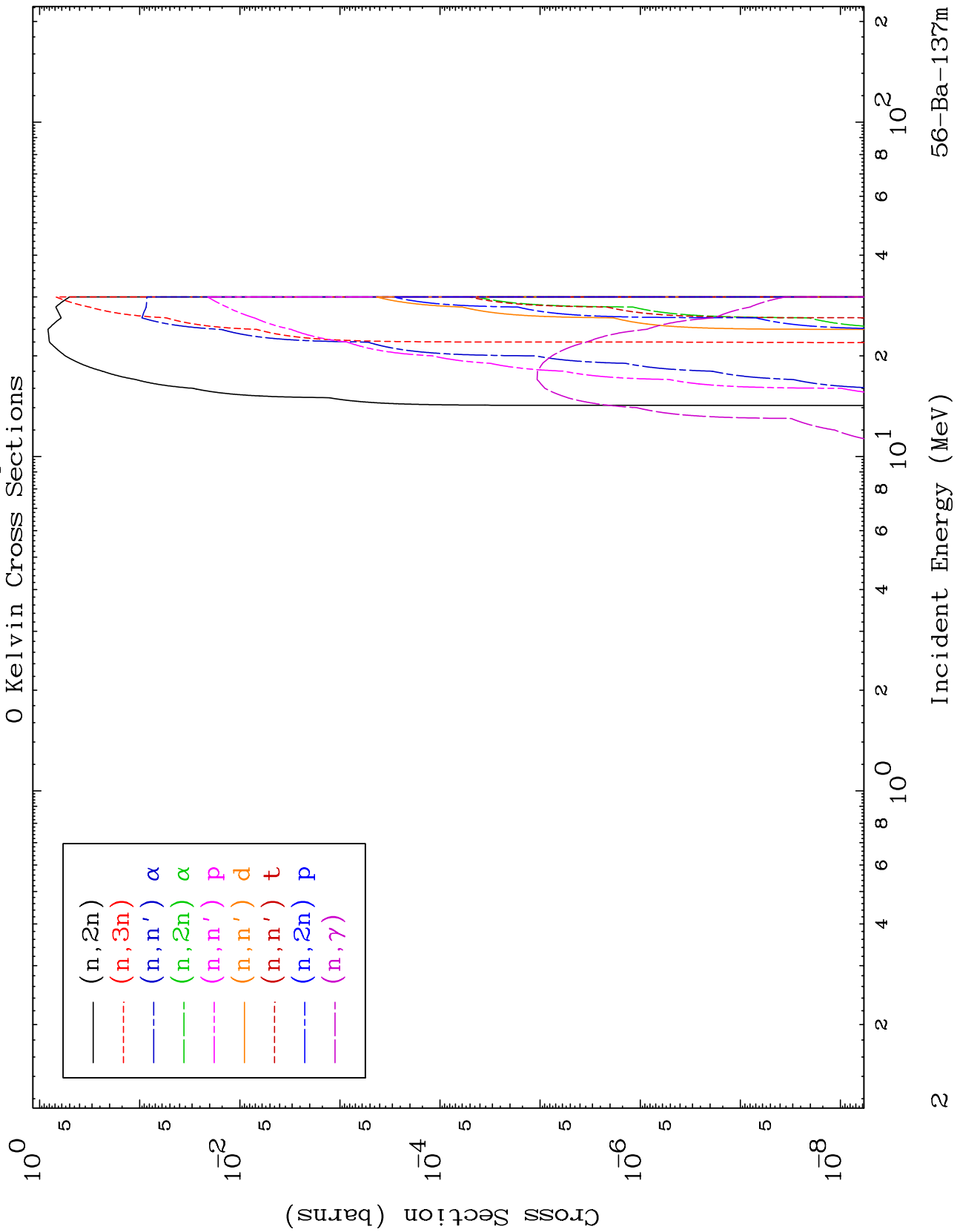
56-Ba-137m



MAT 5647

α Neutron Absorption

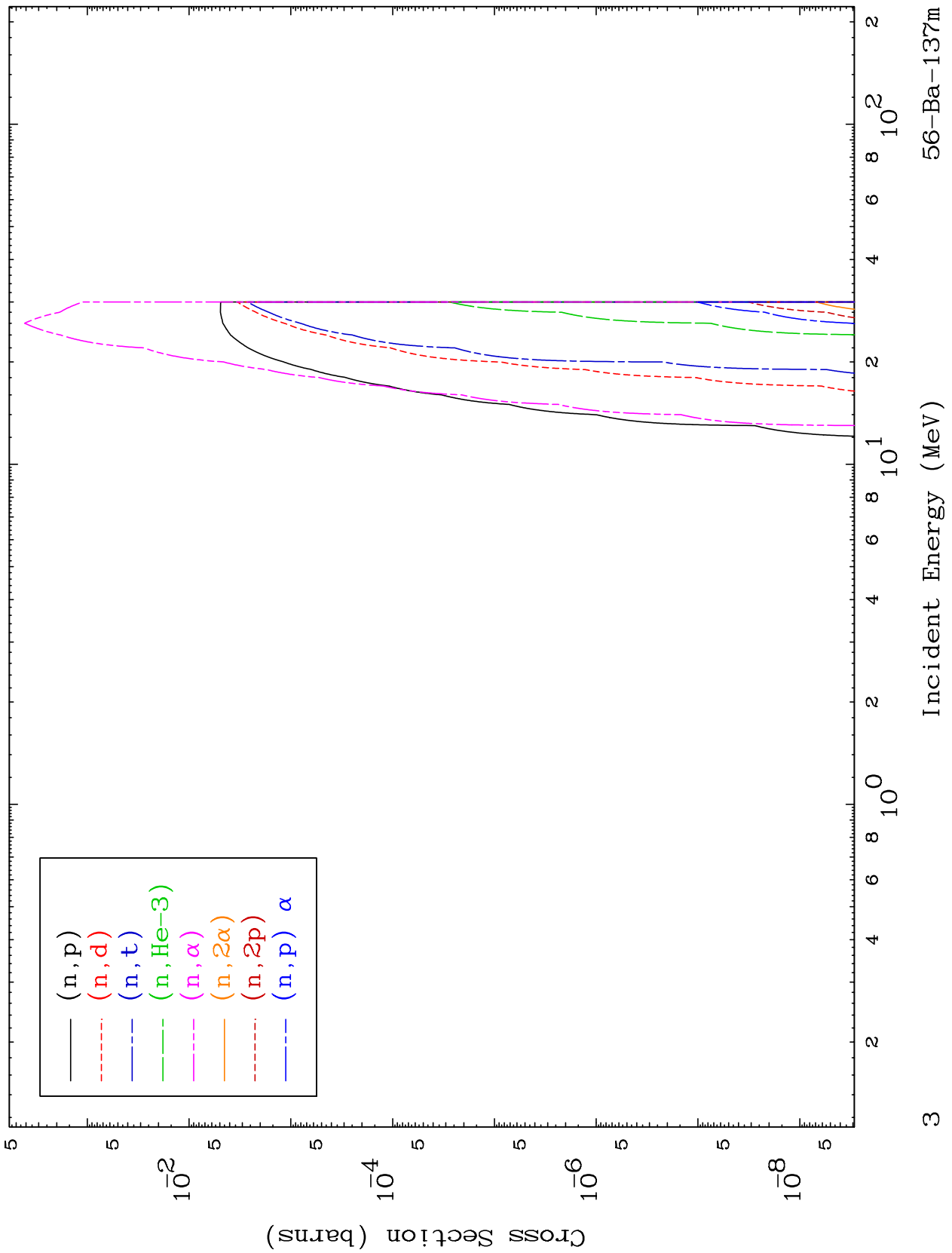
56-Ba-137m



MAT 5647

α Neutron Absorption
0 Kelvin Cross Sections

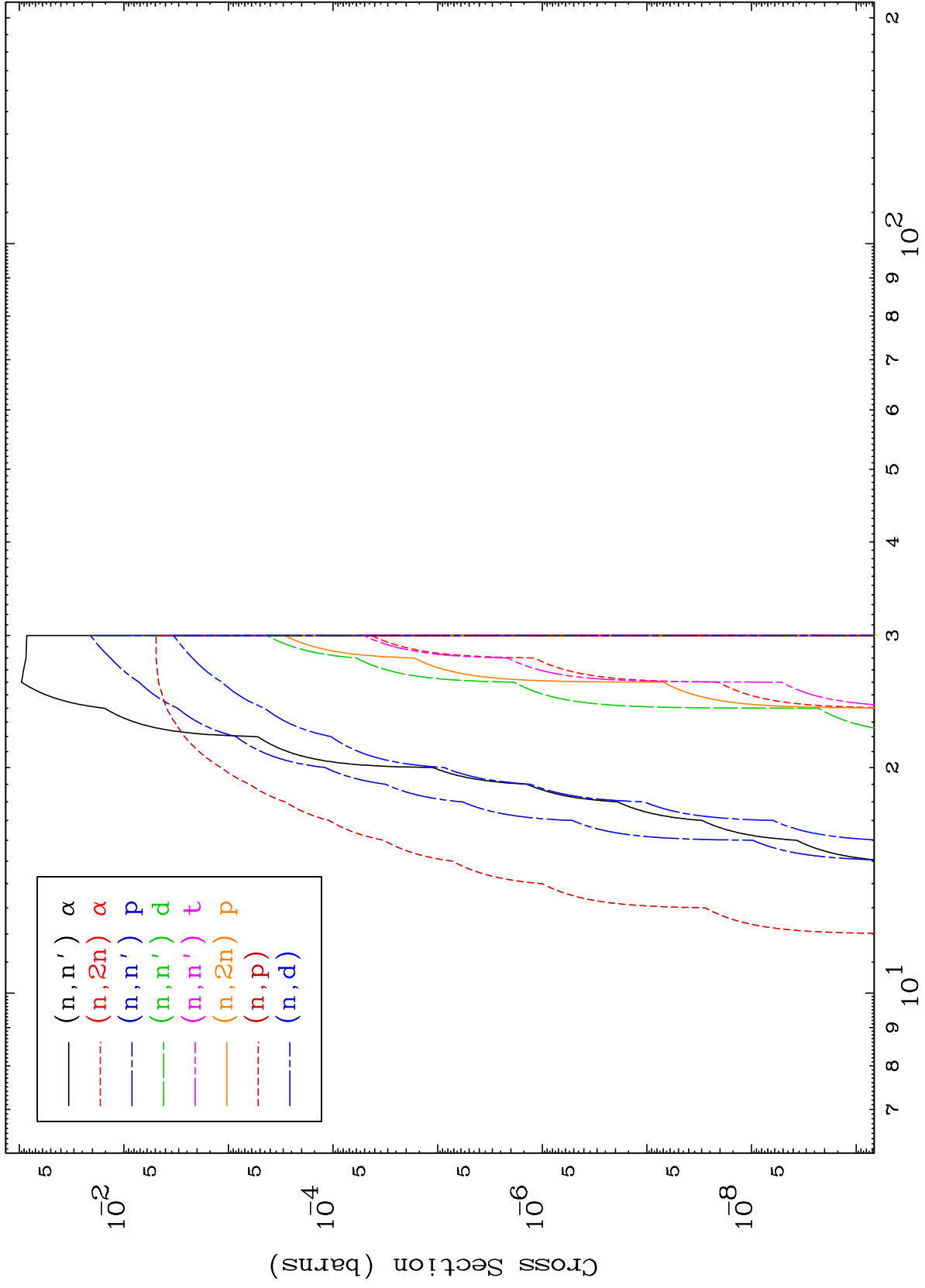
56-Ba-137m



MAT 5647

α Charged Particle
0 Kelvin Cross Sections

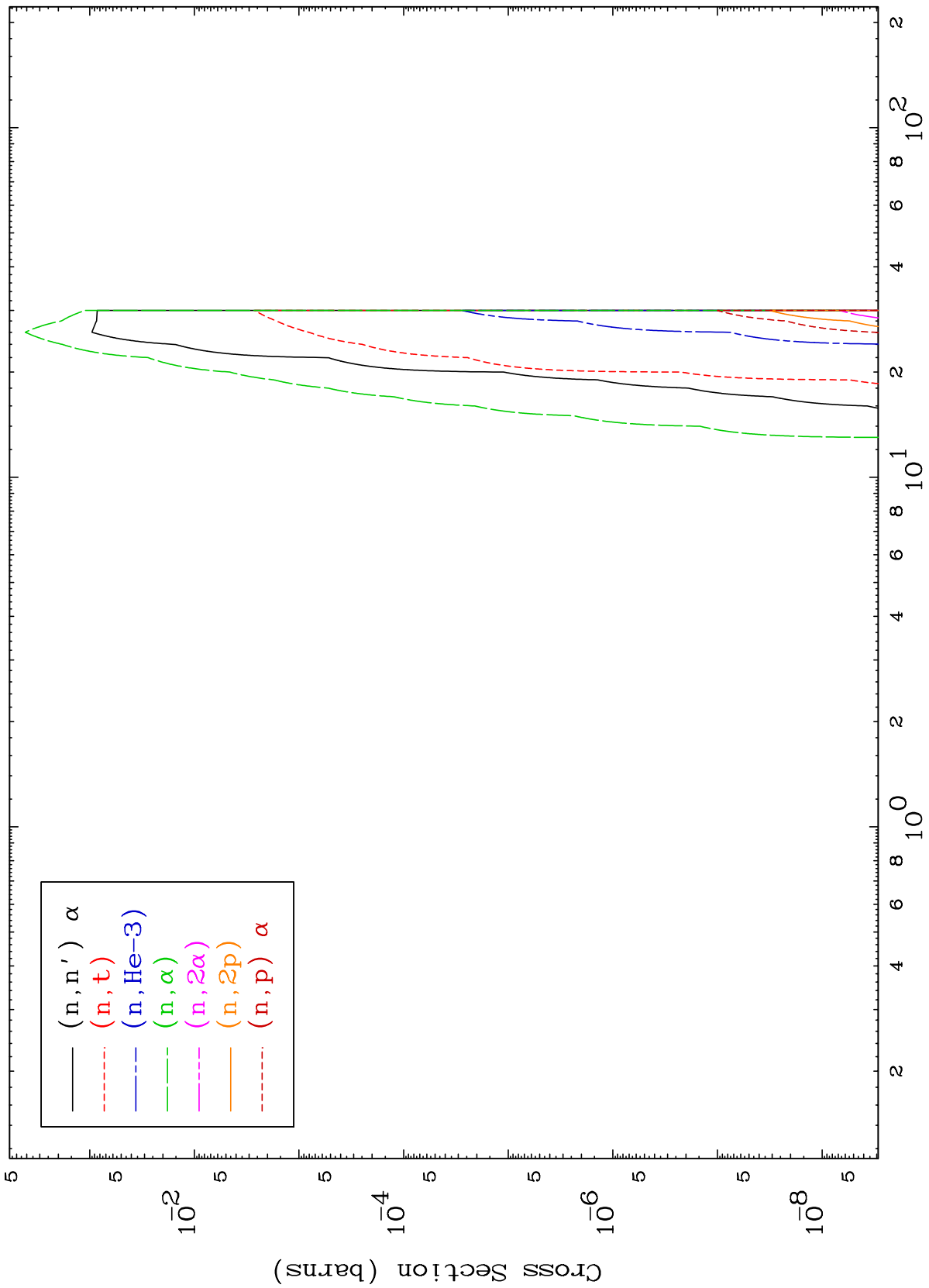
56-Ba-137m



MAT 5647

α Charged Particle
0 Kelvin Cross Sections

56-Ba-137m

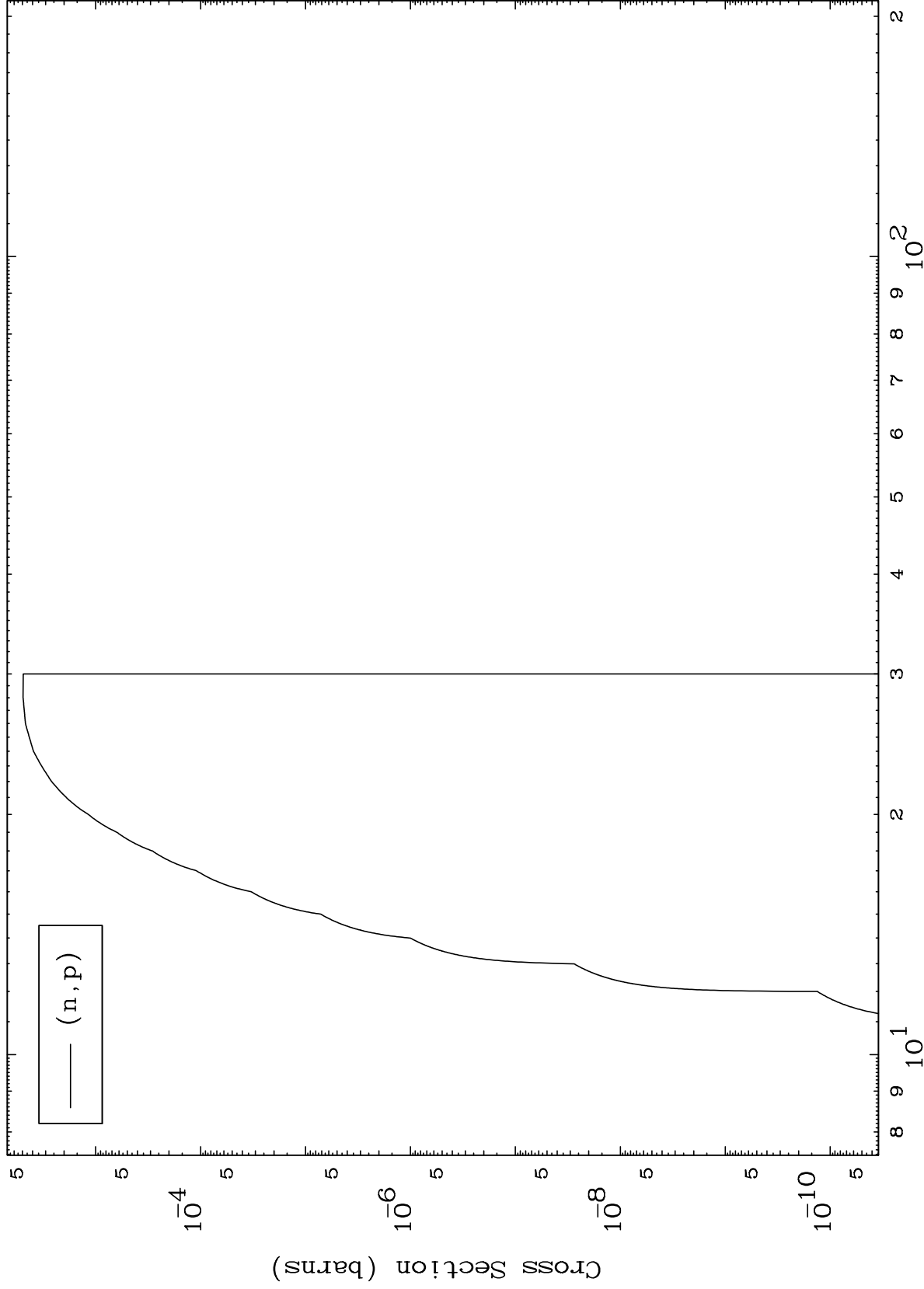


MAT 5647

(α, p) Levels

56-Ba-137m

0 Kelvin Cross Sections



6

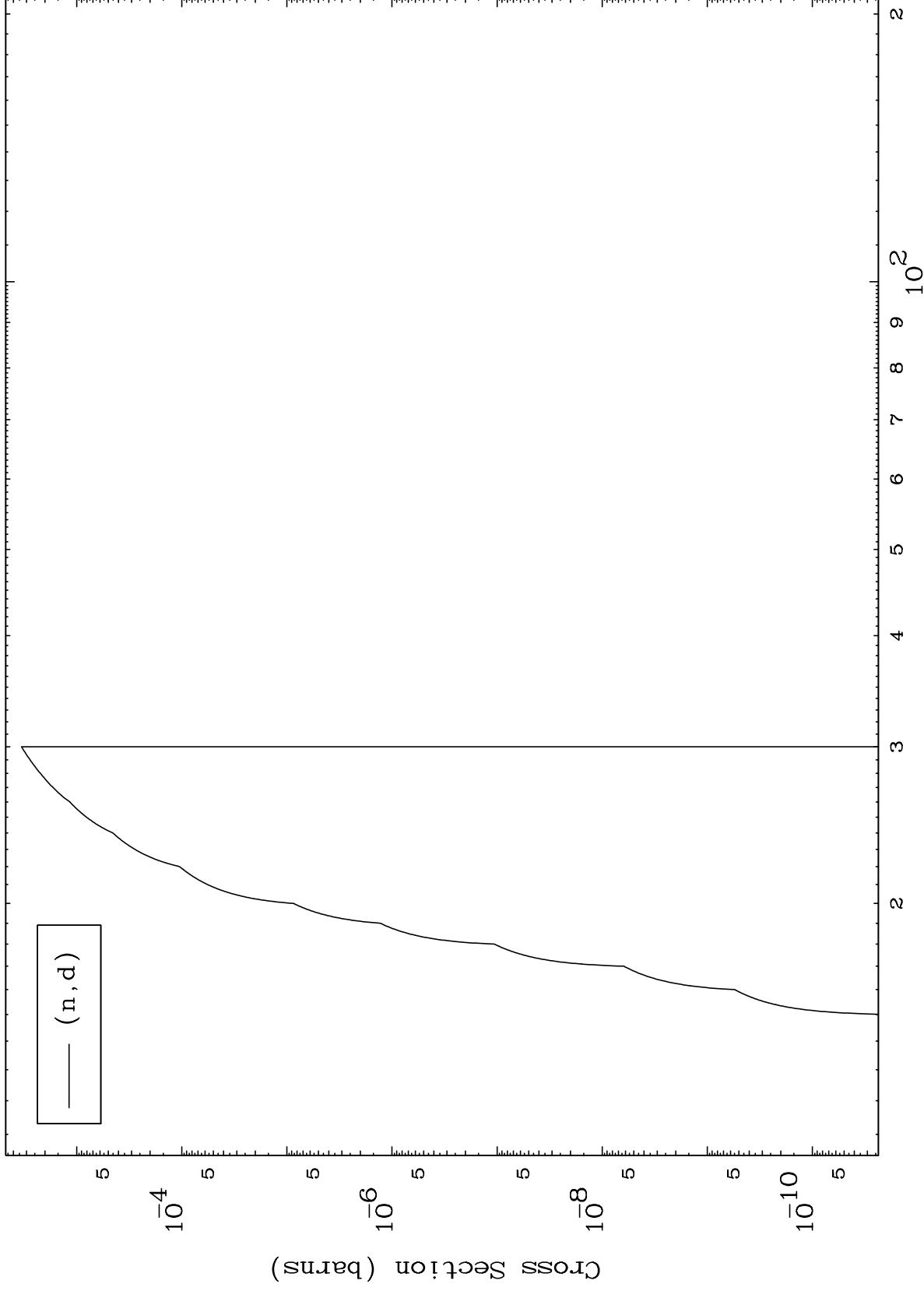
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-137m



7

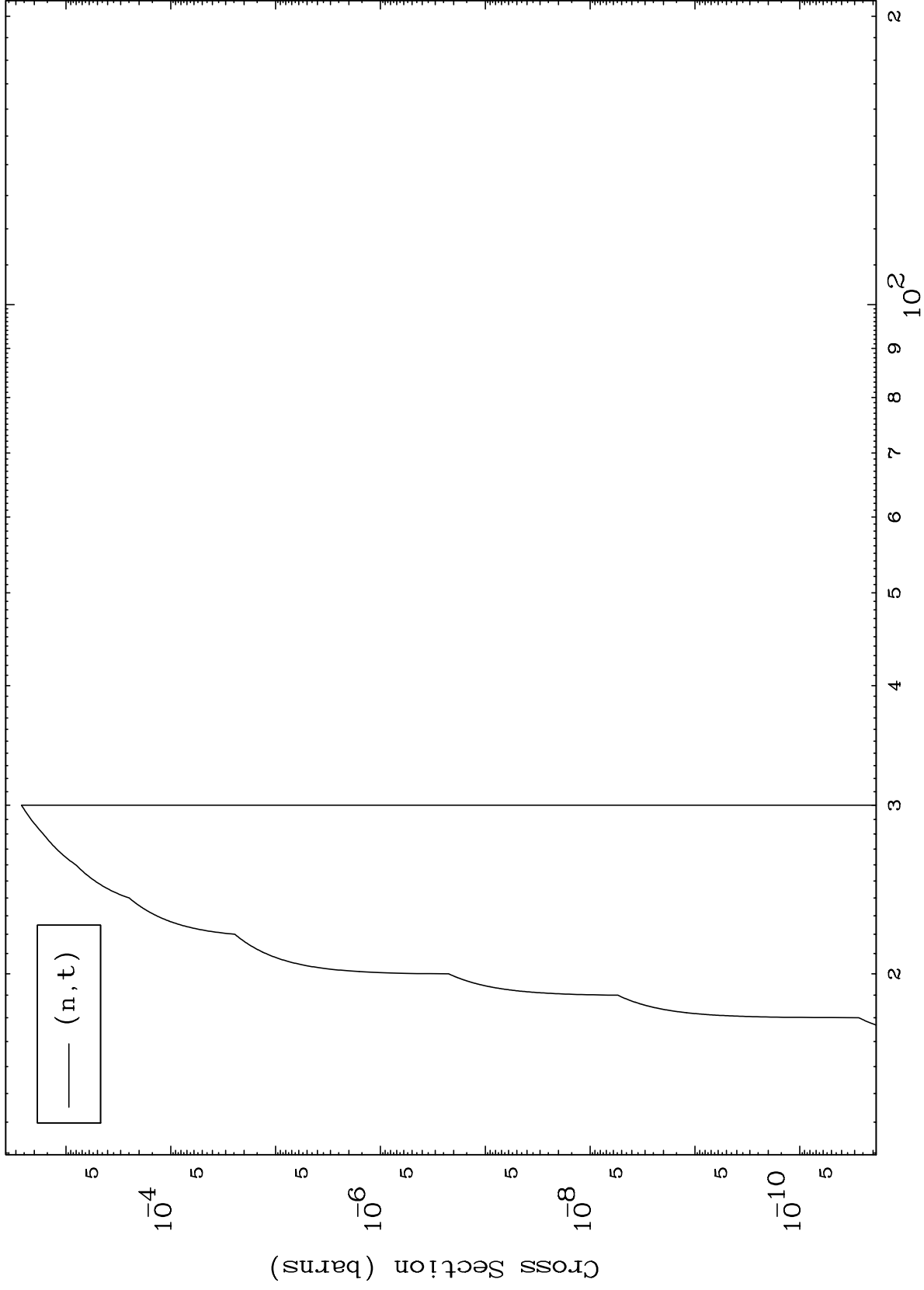
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(α, t) Levels
0 Kelvin Cross Sections

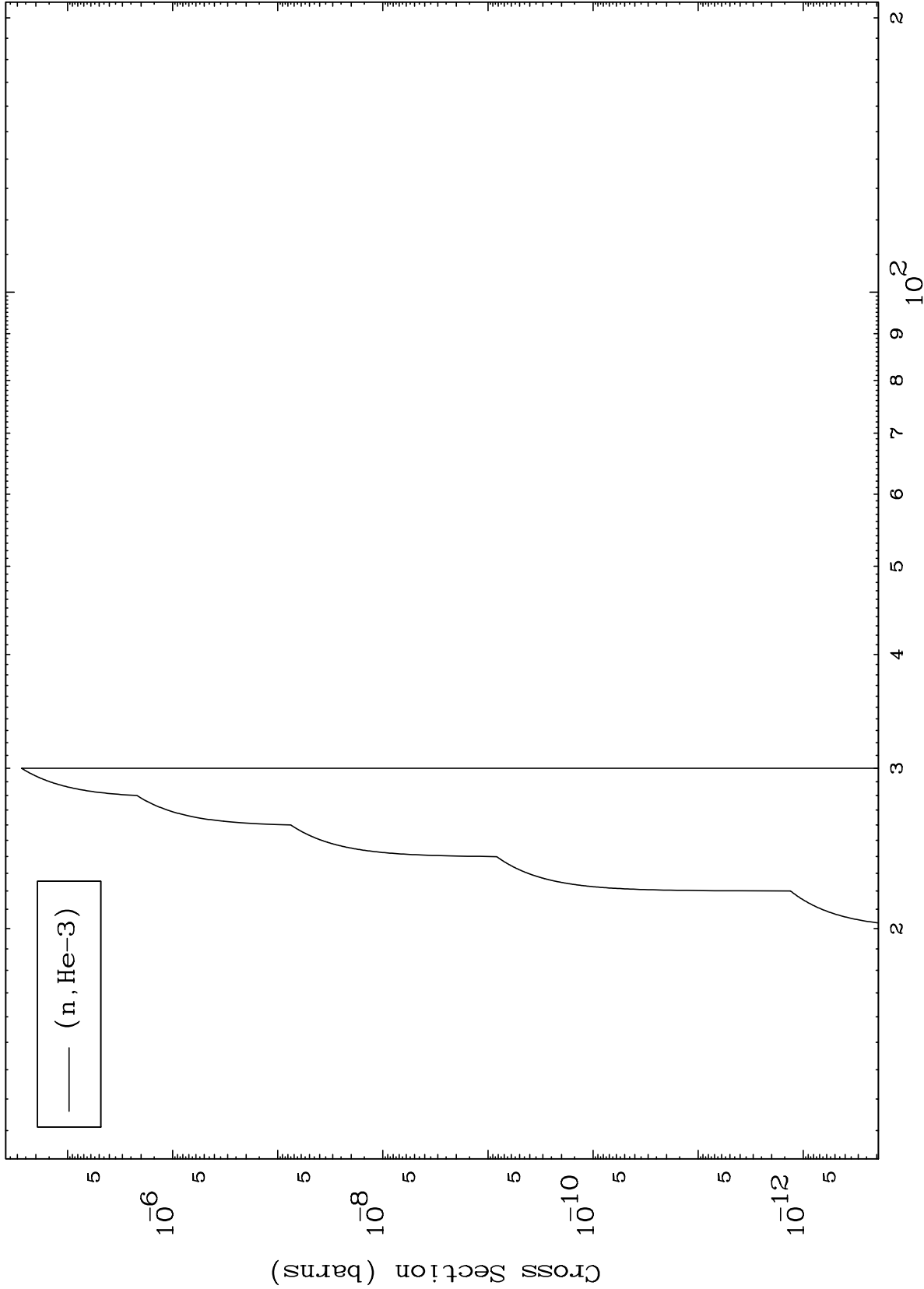
56-Ba-137m



8

Incident Energy (MeV)

56-Ba-137m

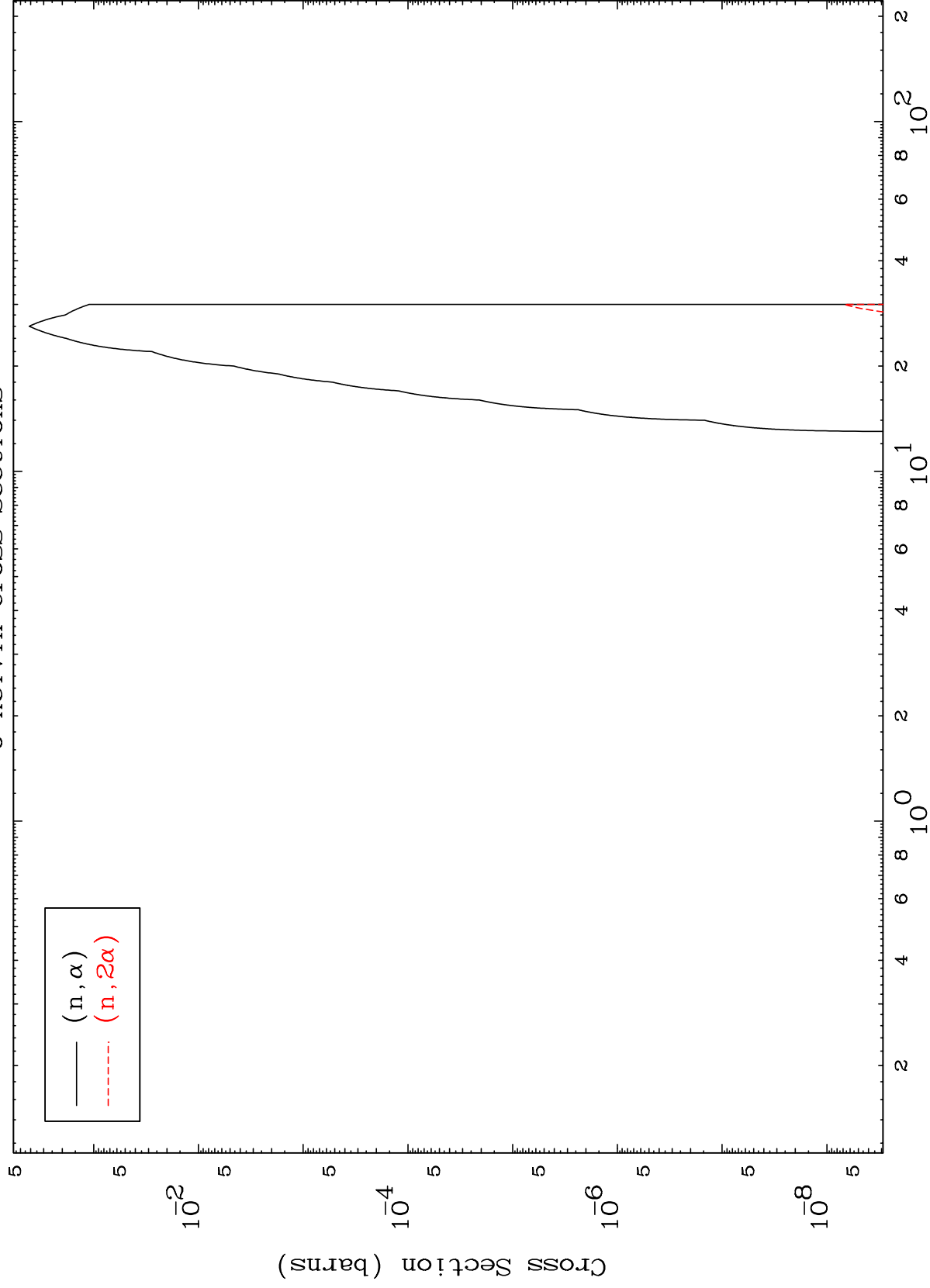


MAT 5647

(α, α) Levels

56-Ba-137m

0 Kelvin Cross Sections



10

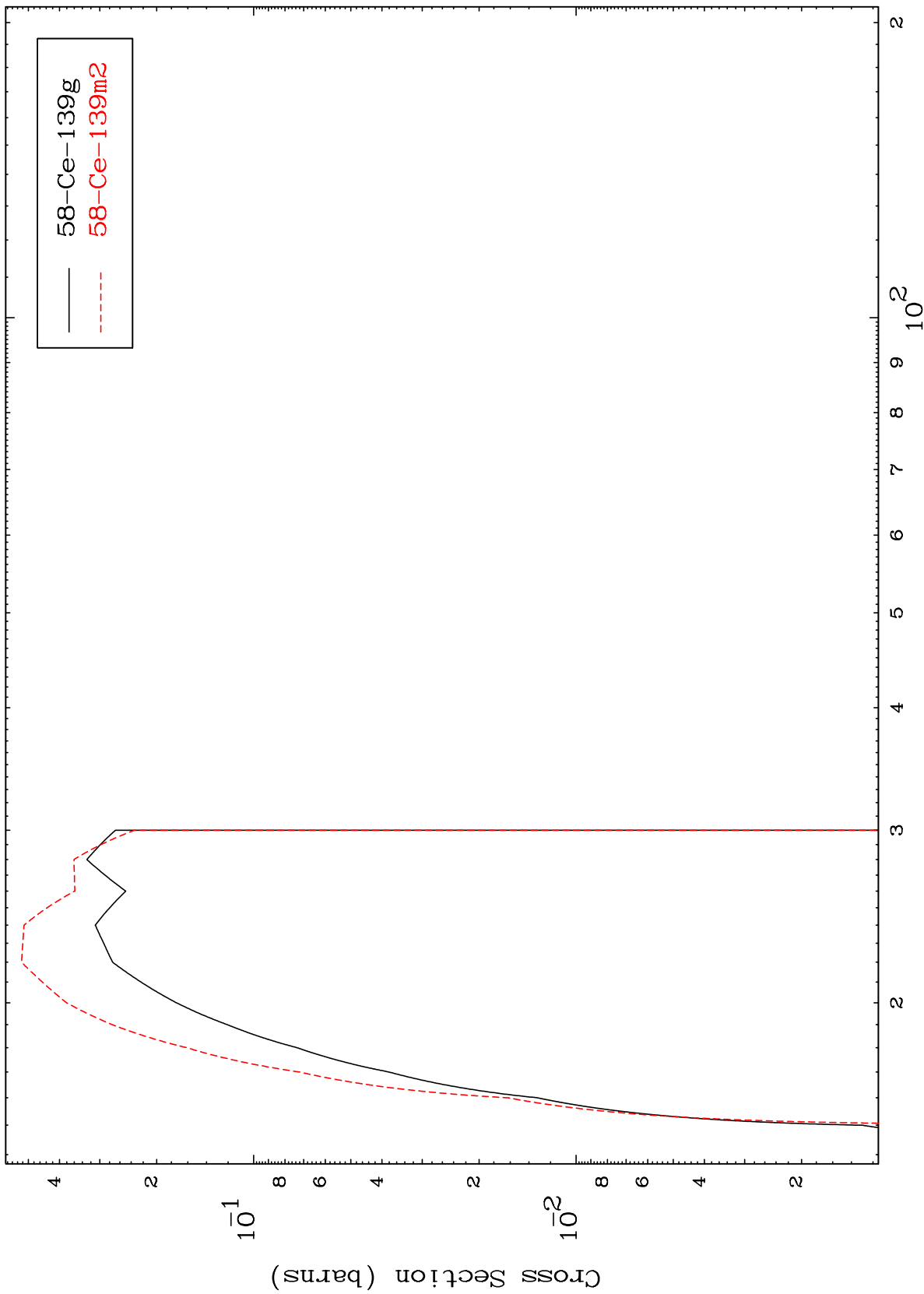
Incident Energy (MeV)

56-Ba-137m

MAT 5647

56-Ba-137m

(n,2n)
Radionuclide Production Cross Section

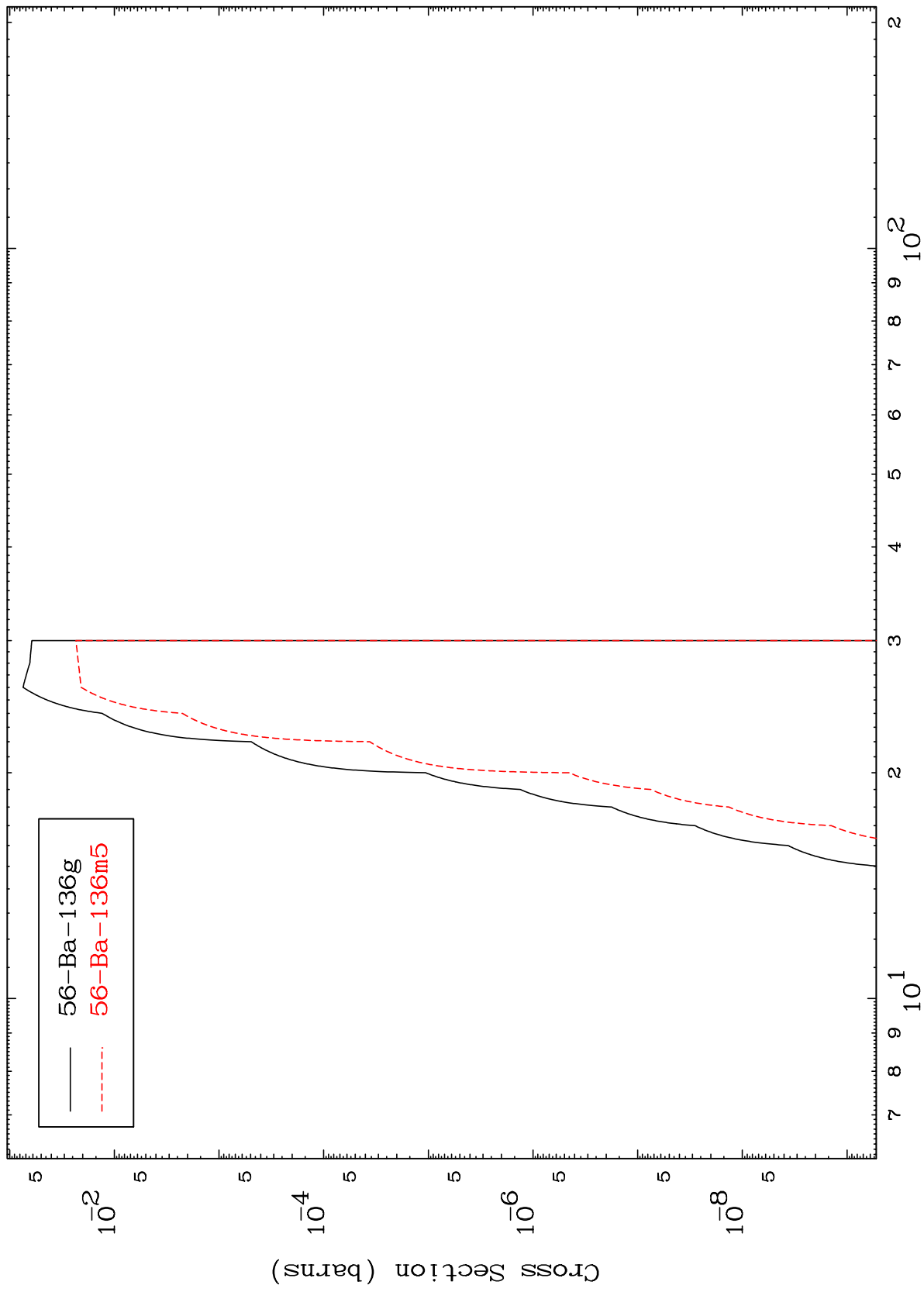


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(n,n') α

56-Ba-137m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

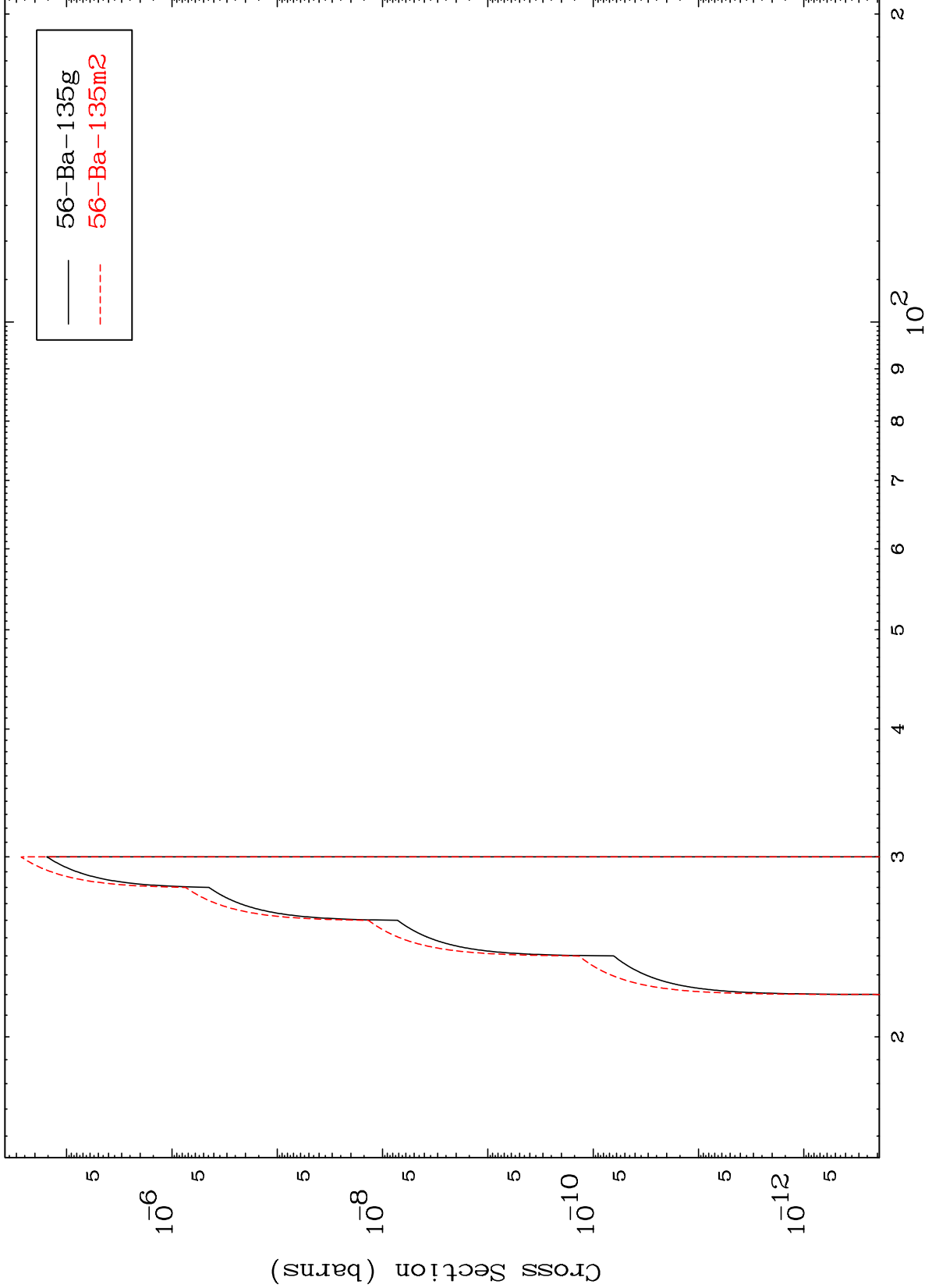
56-Ba-137m

MAT 5647

(n,2n) α

56-Ba-137m

Radionuclide Production Cross Section



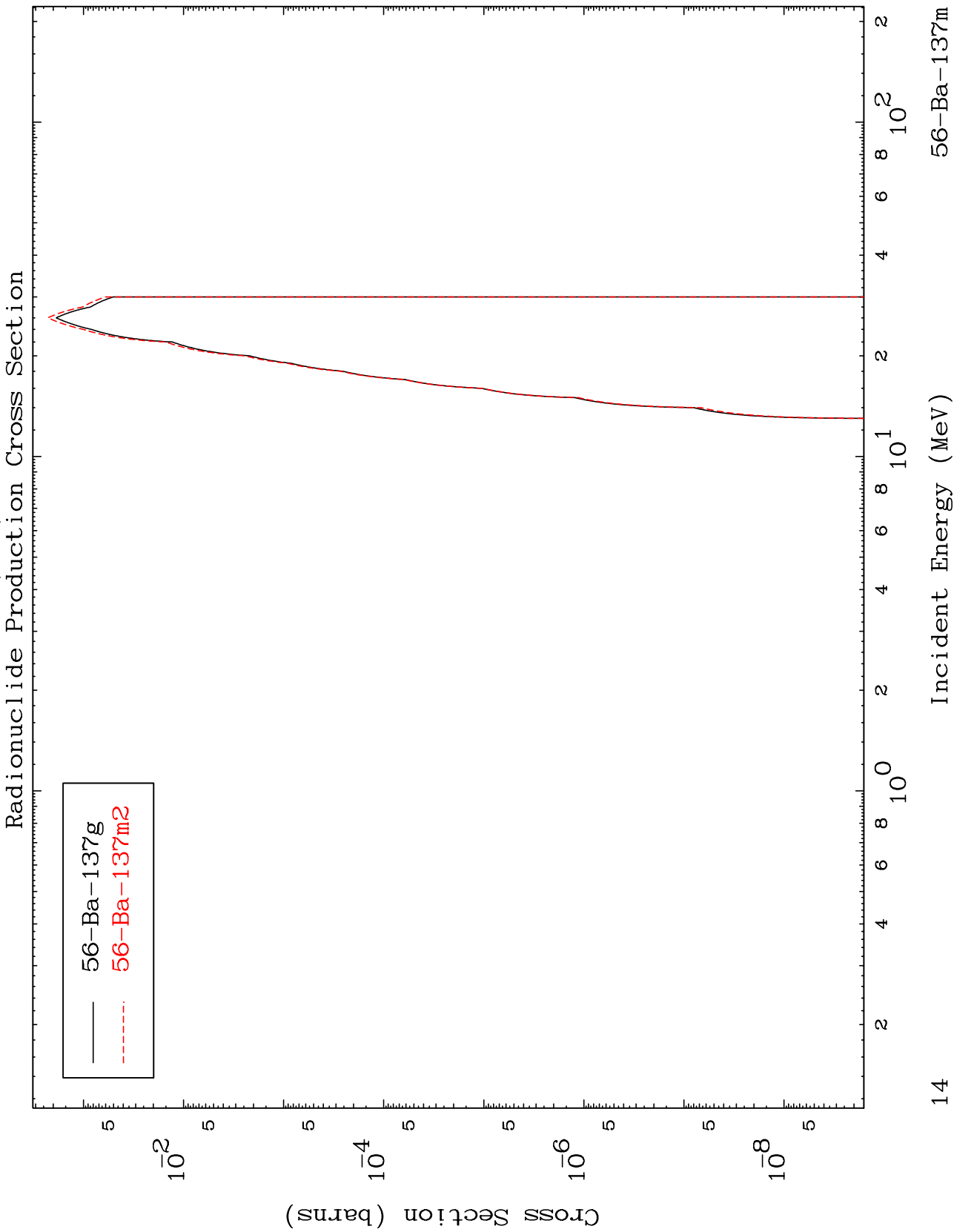
13

Incident Energy (MeV)

56-Ba-137m

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56-Ba-137m

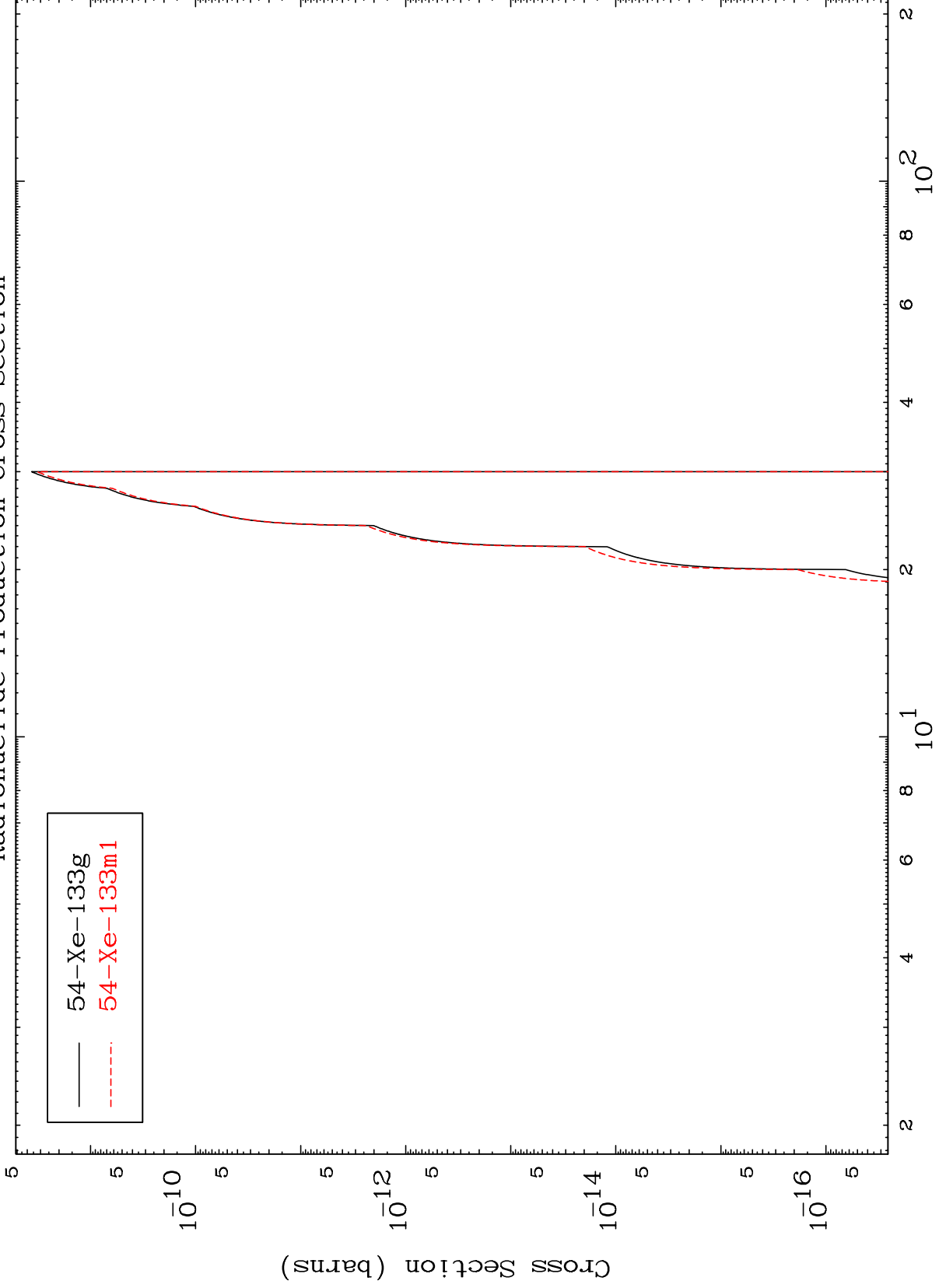


56-Ba-137g
56-Ba-137m2

MAT 5647

56-Ba-137m

(n,2α)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

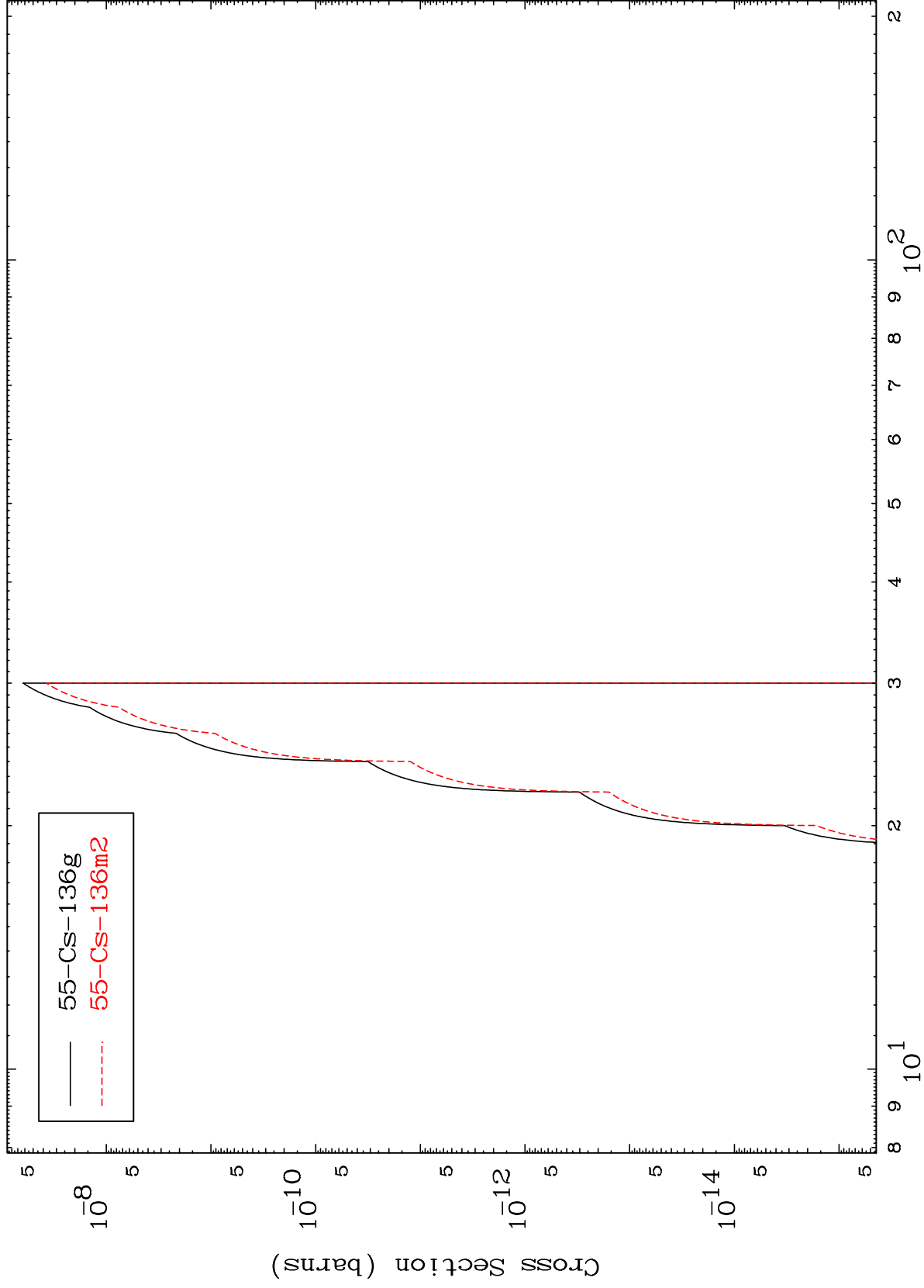
56-Ba-137m

MAT 5647

(n,p) α

56-Ba-137m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

56-Ba-137m