

Program EVALPLOT
(Version 2021-1)

by

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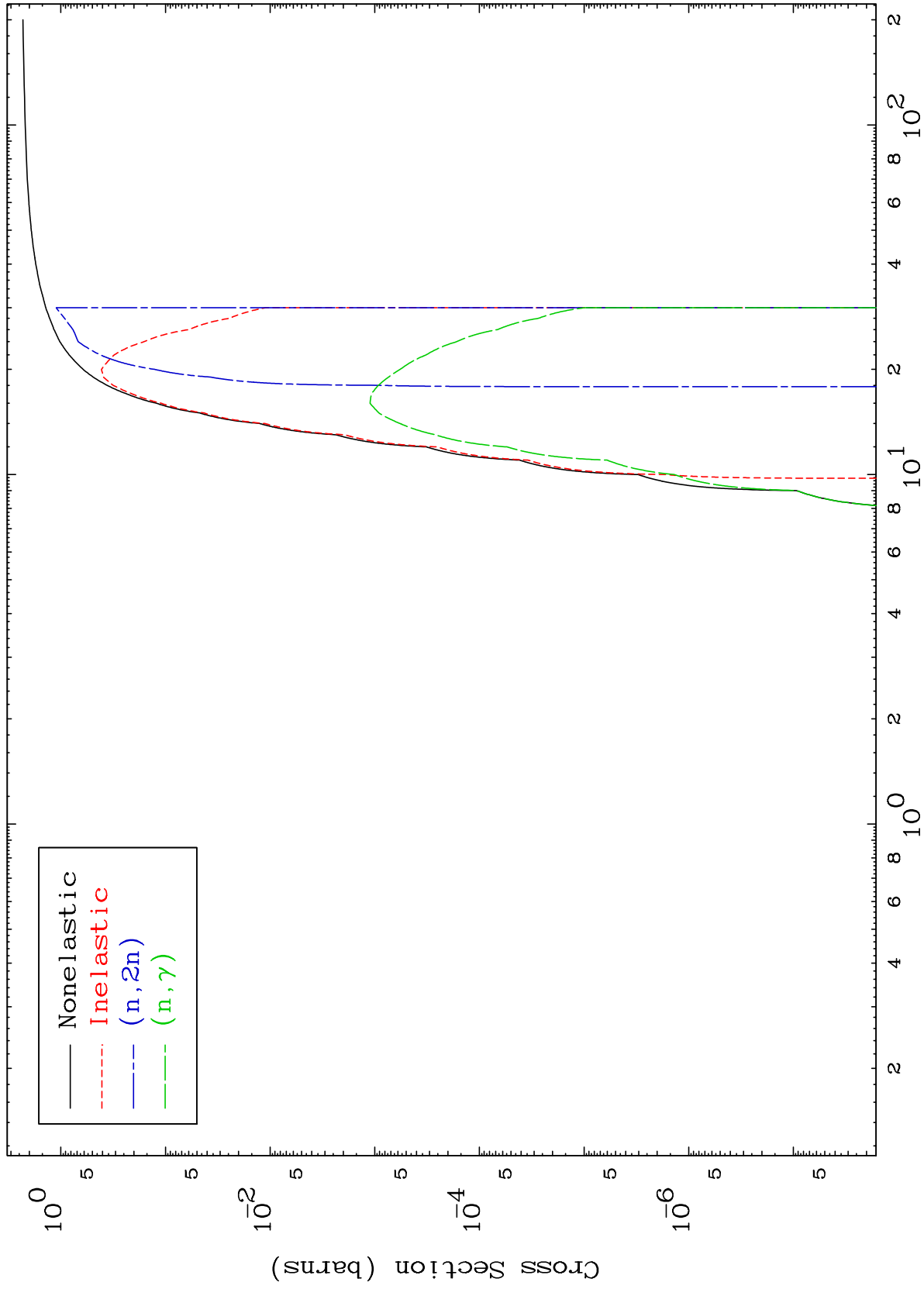
Press Mouse Button to Start

MAT 5631

0 Kelvin

α Major Cross Sections

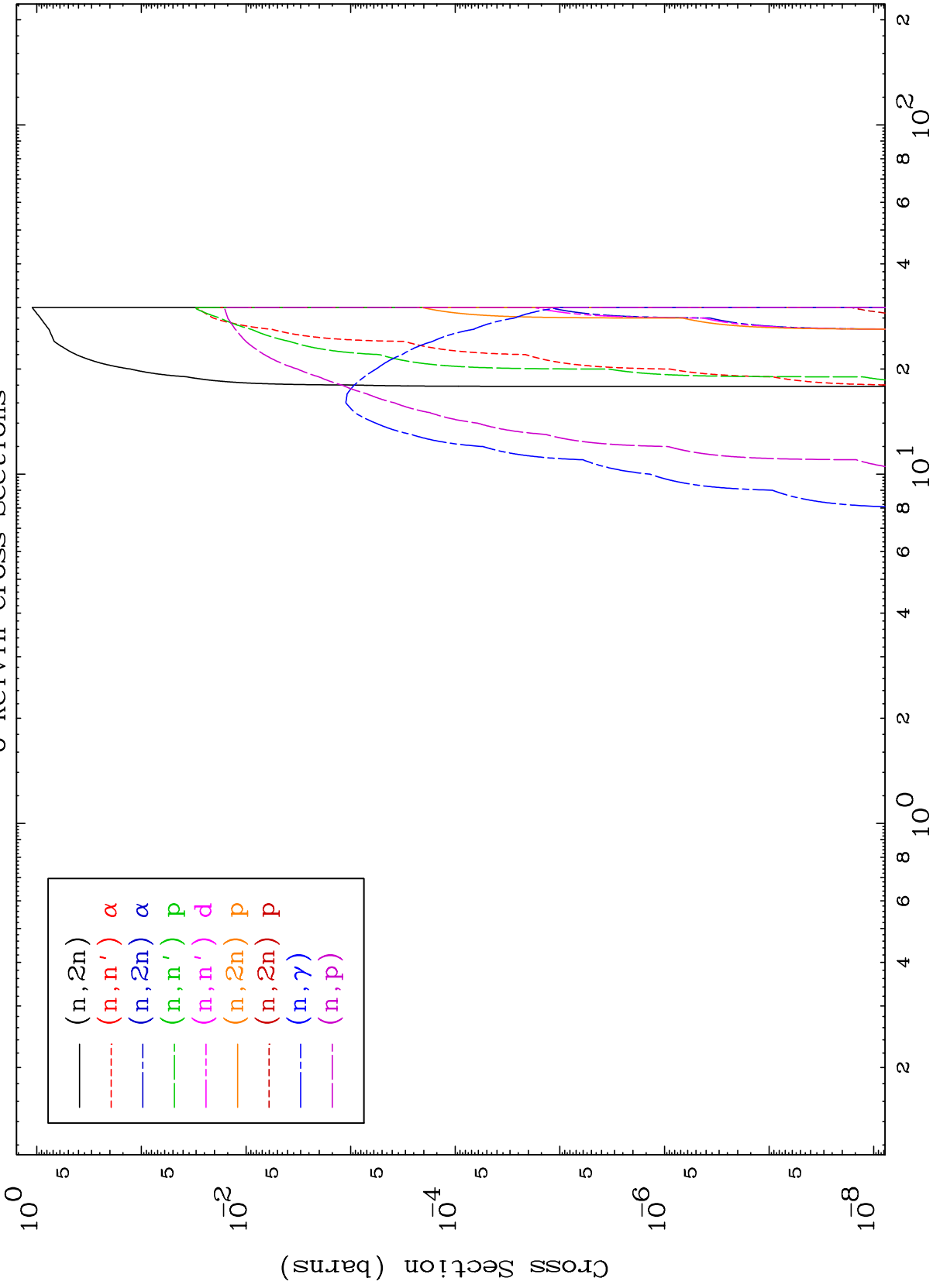
56-Ba-132



MAT 5631

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-132



2

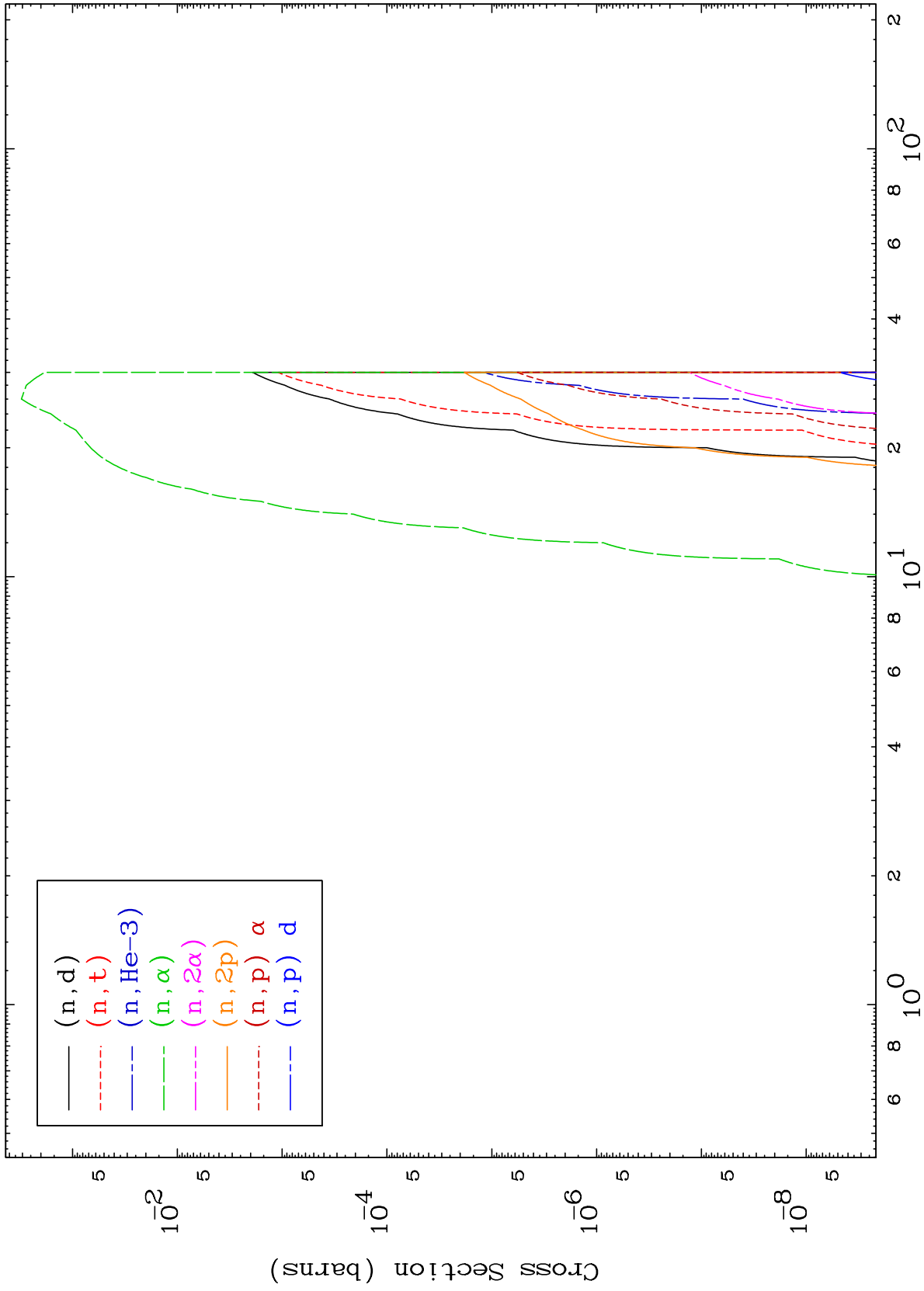
Incident Energy (MeV)

56-Ba-132

MAT 5631

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-132



3

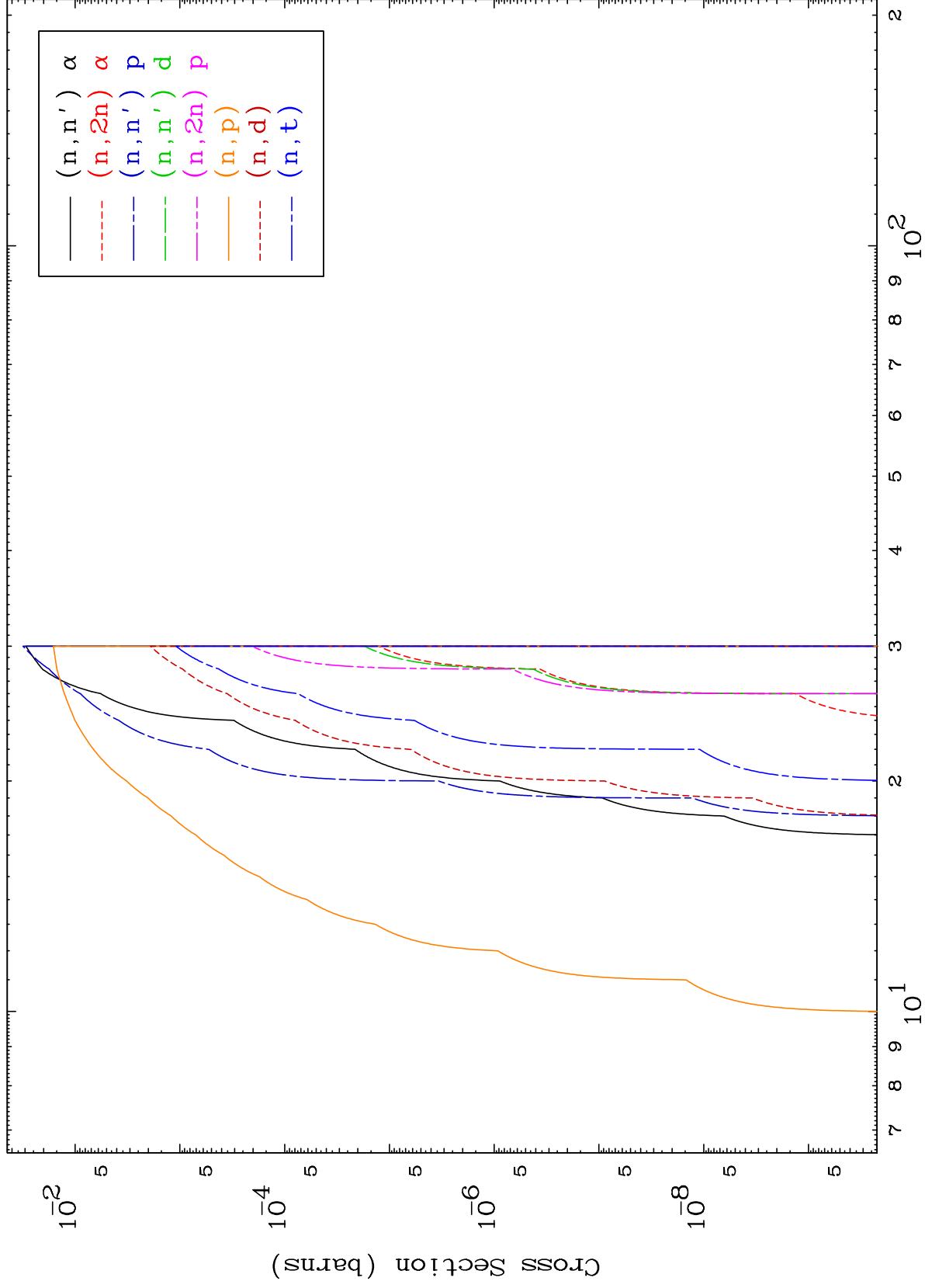
Incident Energy (MeV)

56-Ba-132

MAT 5631

α Charged Particle
0 Kelvin Cross Sections

56-Ba-132



4

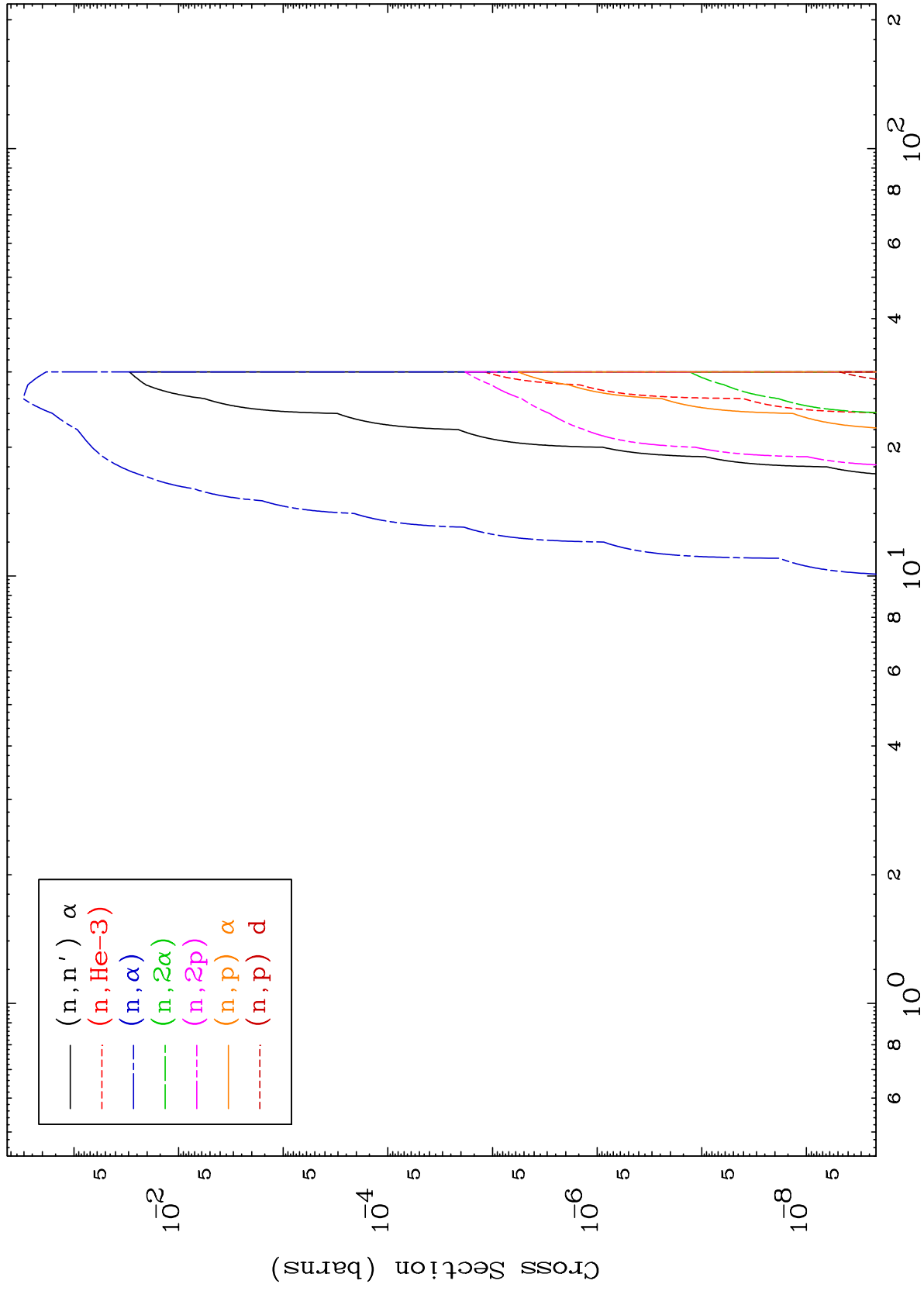
Incident Energy (MeV)

56-Ba-132

MAT 5631

α Charged Particle
0 Kelvin Cross Sections

56-Ba-132



5

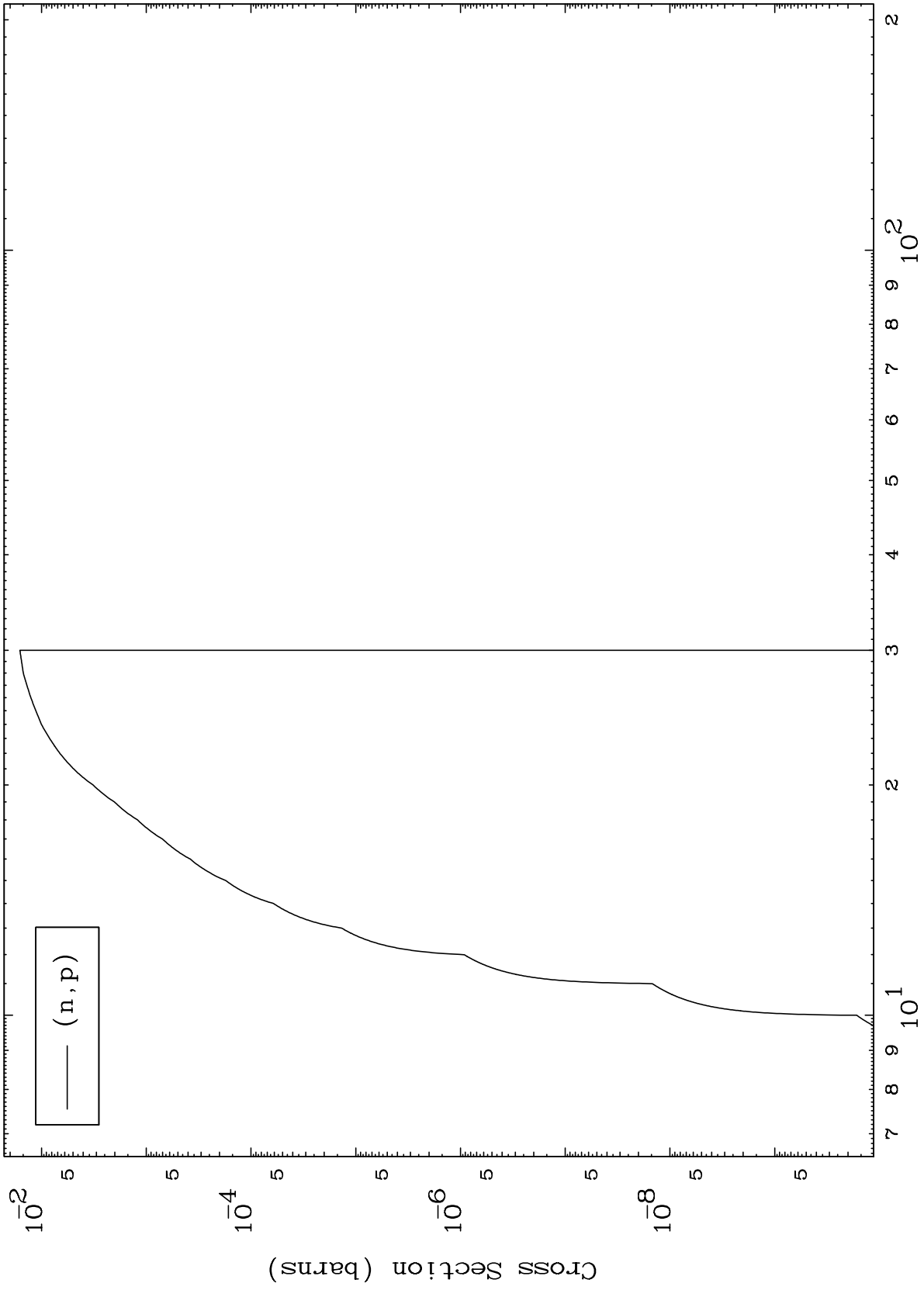
Incident Energy (MeV)

56-Ba-132

MAT 5631

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-132



6

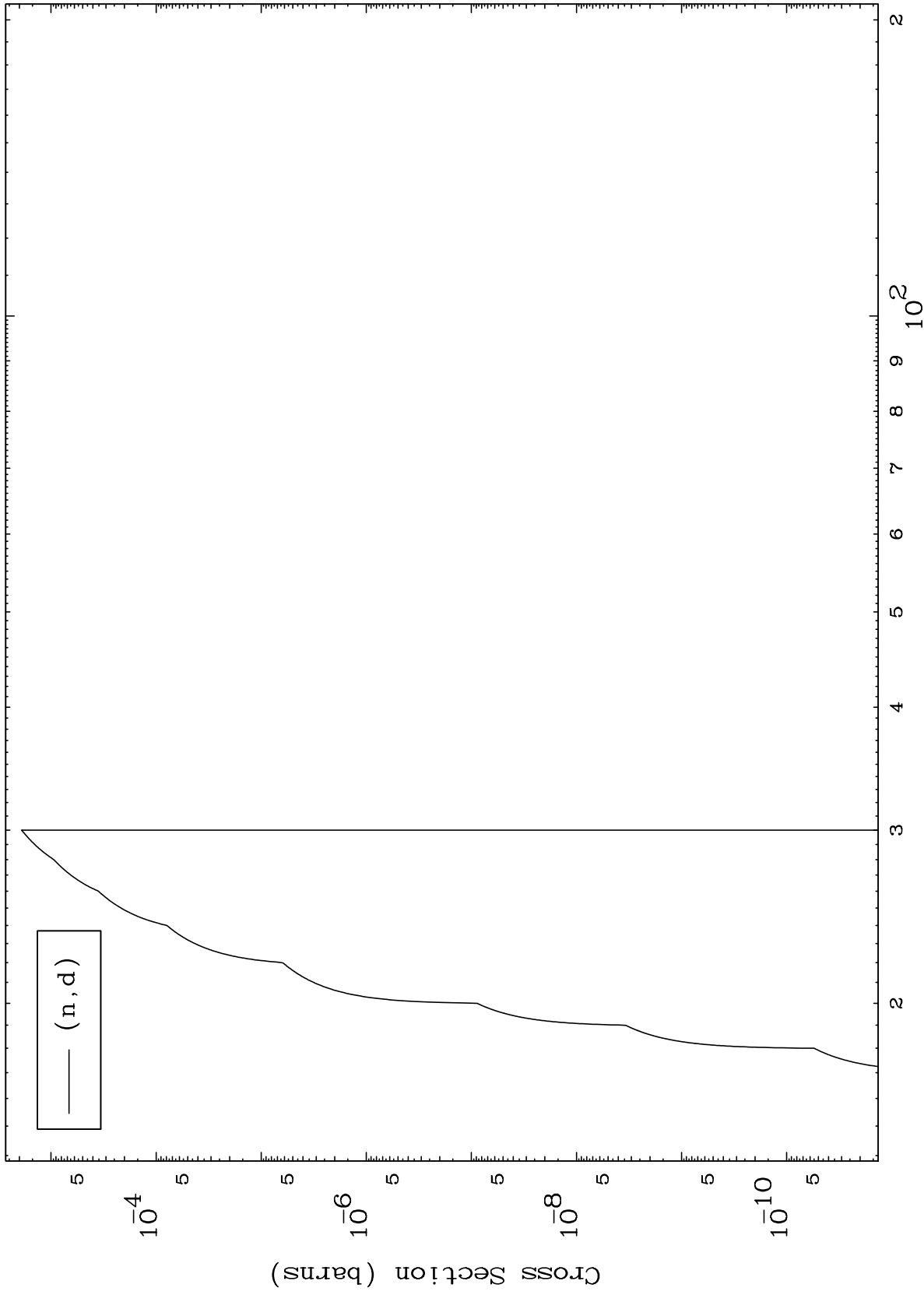
Incident Energy (MeV)

56-Ba-132

MAT 5631

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-132



7

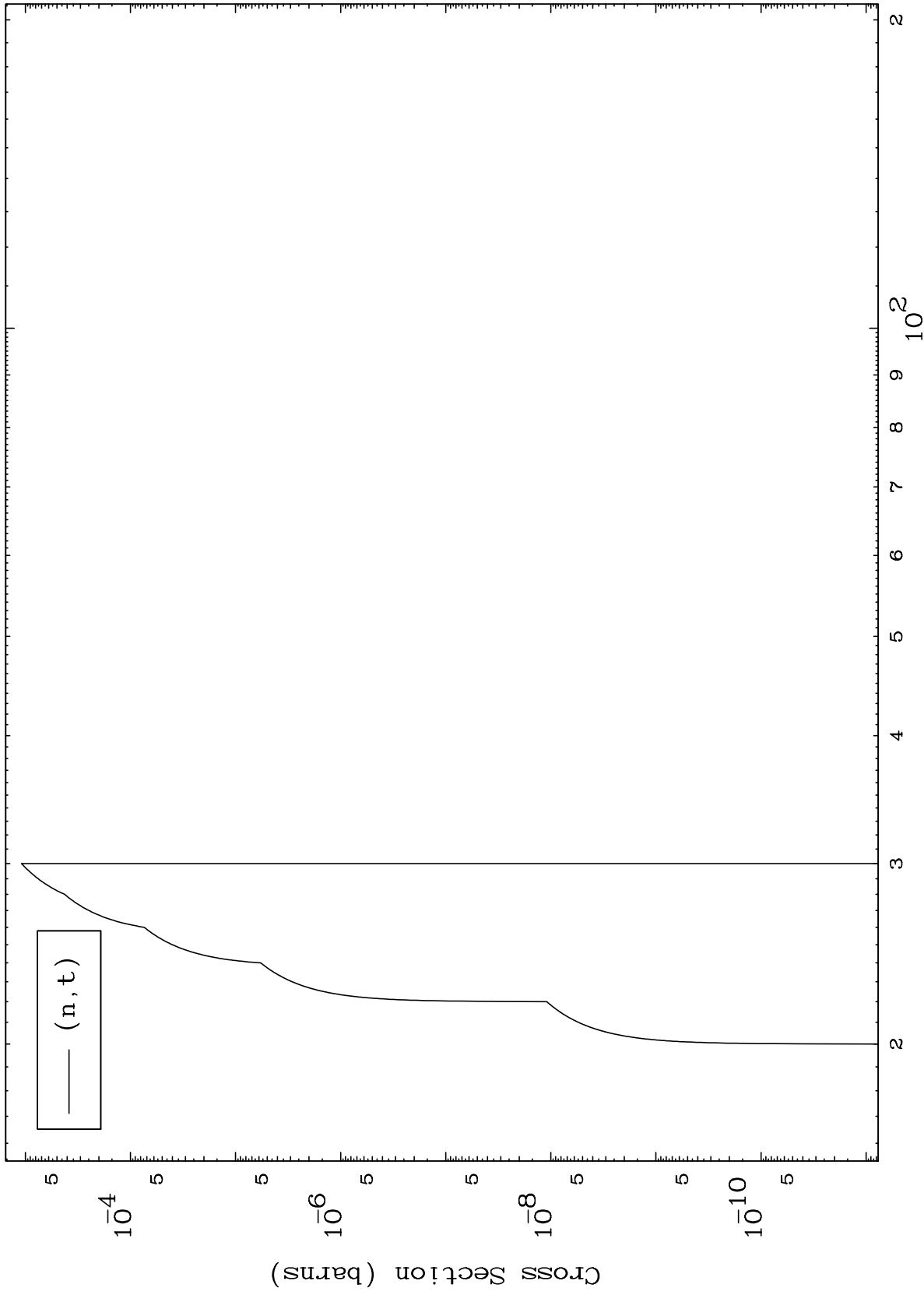
Incident Energy (MeV)

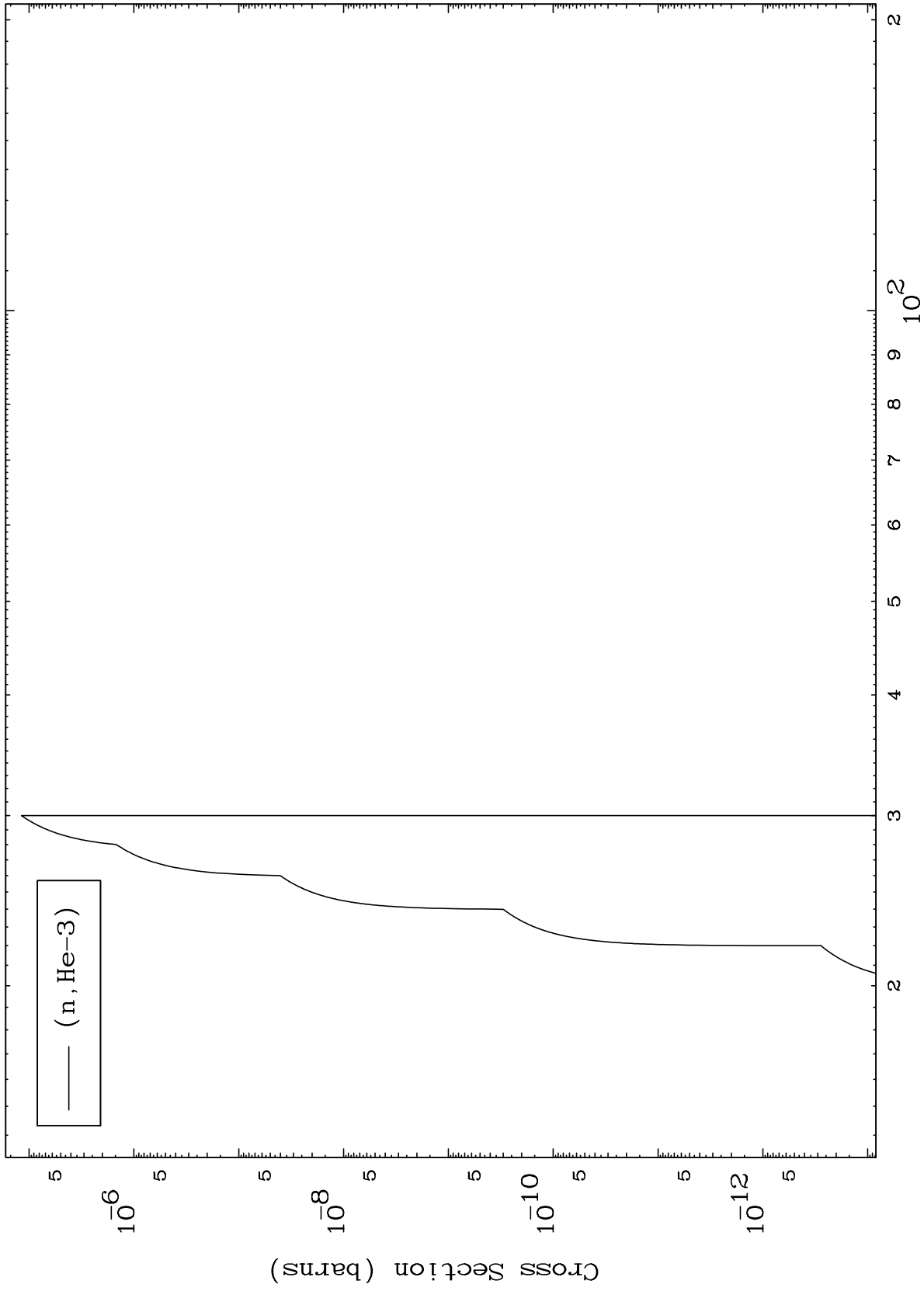
56-Ba-132

MAT 5631

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-132

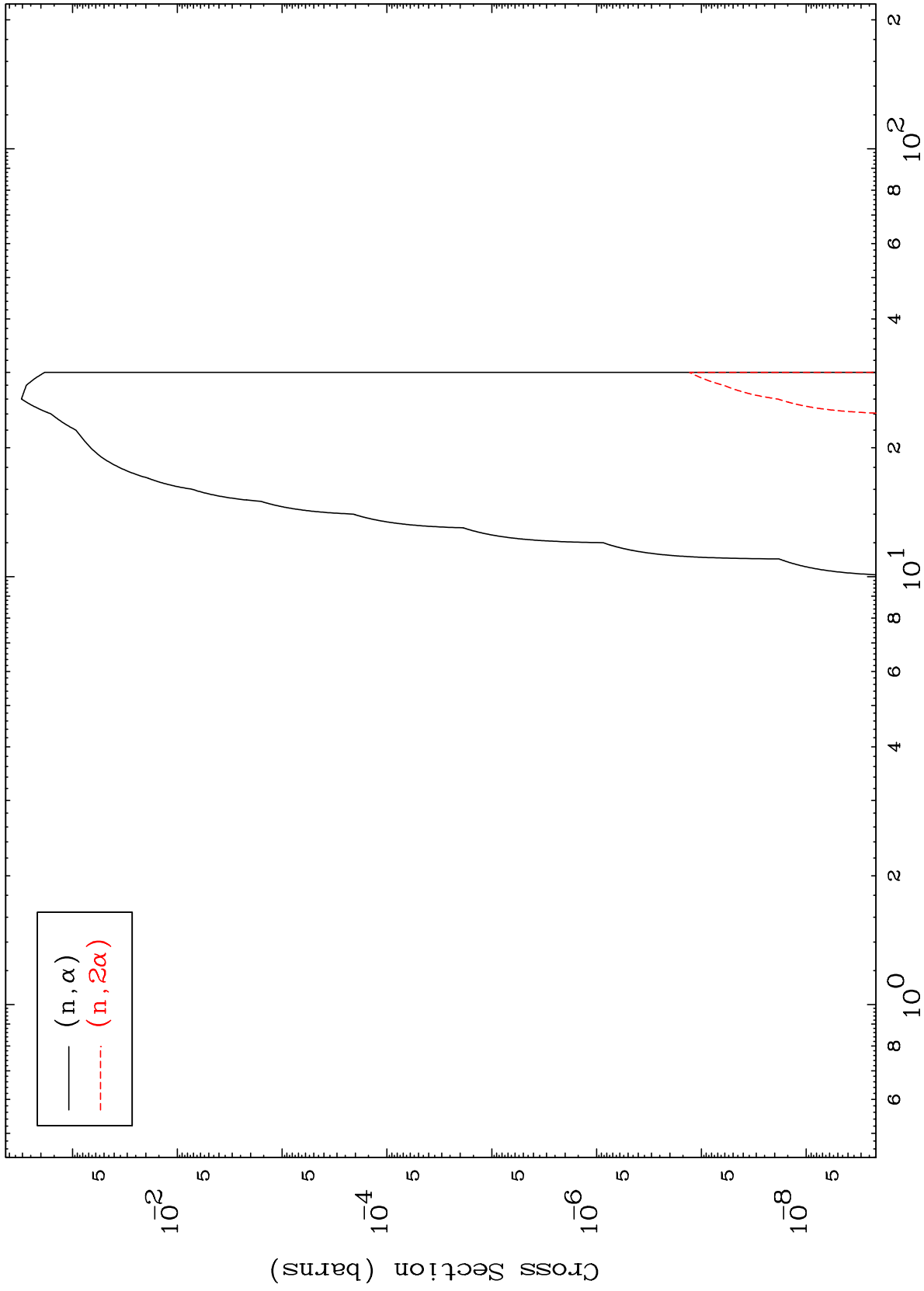




MAT 5631

0 Kelvin Cross Sections
(α, α) Levels

56-Ba-132



10

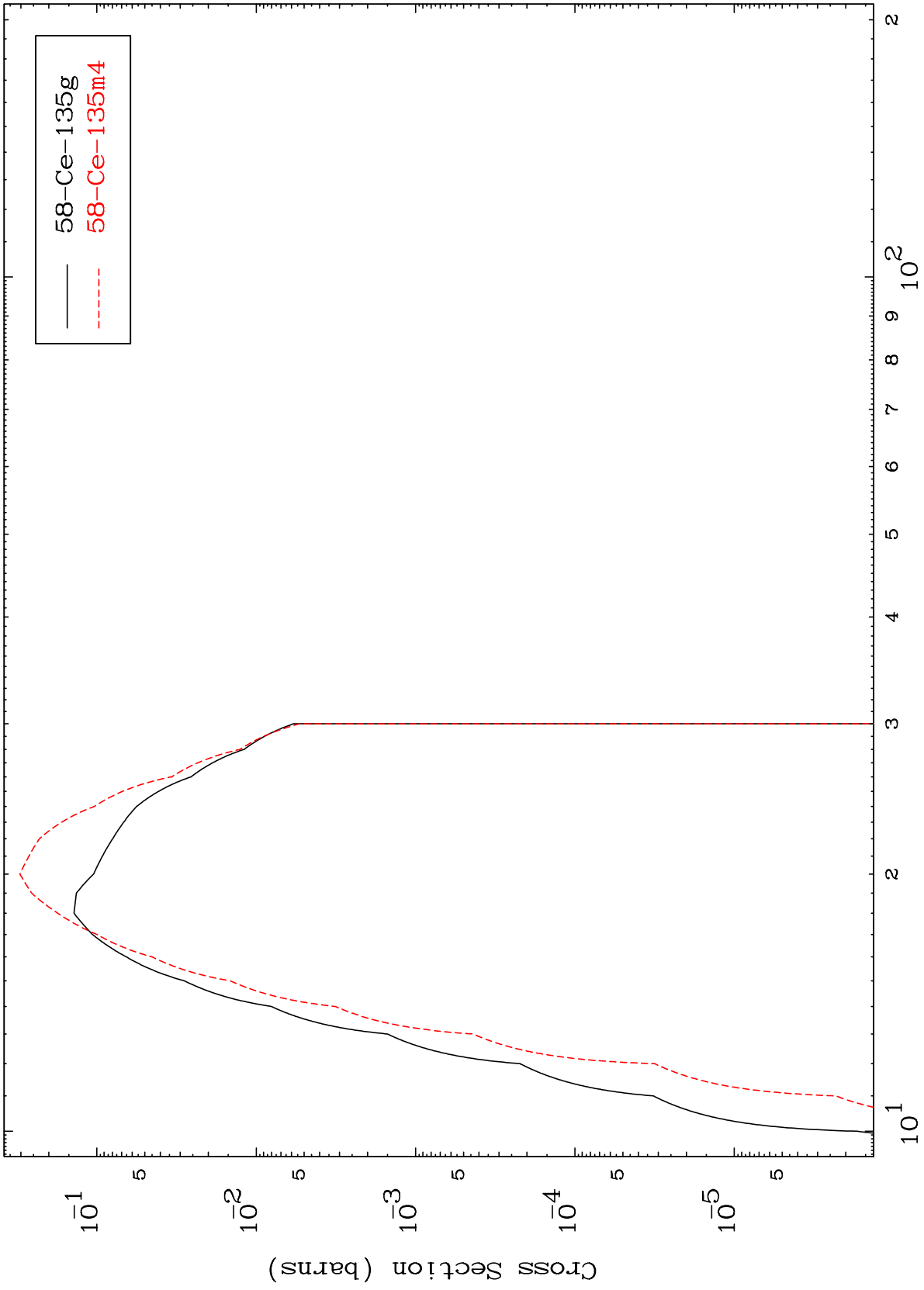
Incident Energy (MeV)

56-Ba-132

MAT 5631

Inelastic
Radionuclide Production Cross Section

56-Ba-132



11

Incident Energy (MeV)

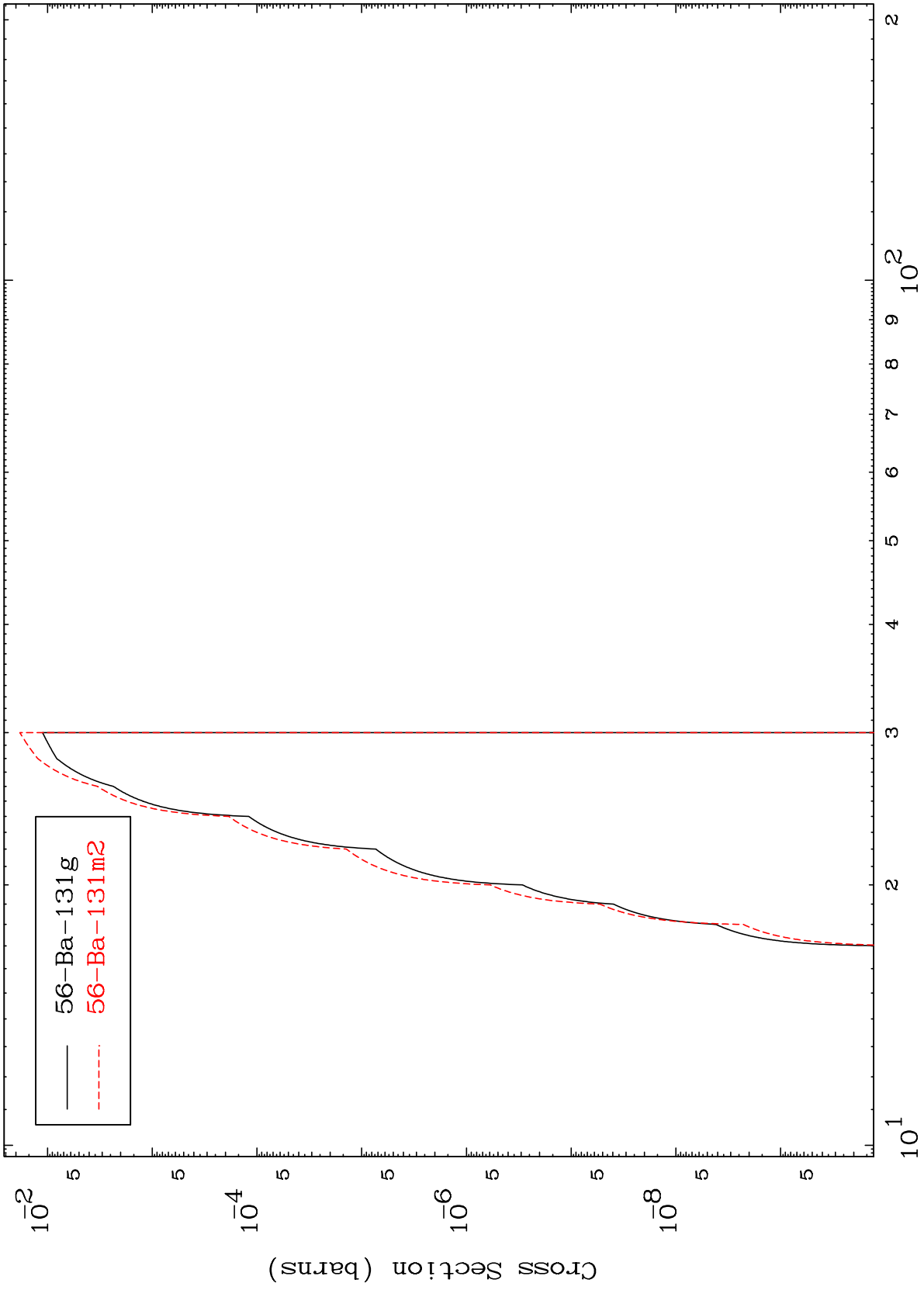
56-Ba-132

MAT 5631

(n,n') α

56-Ba-132

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

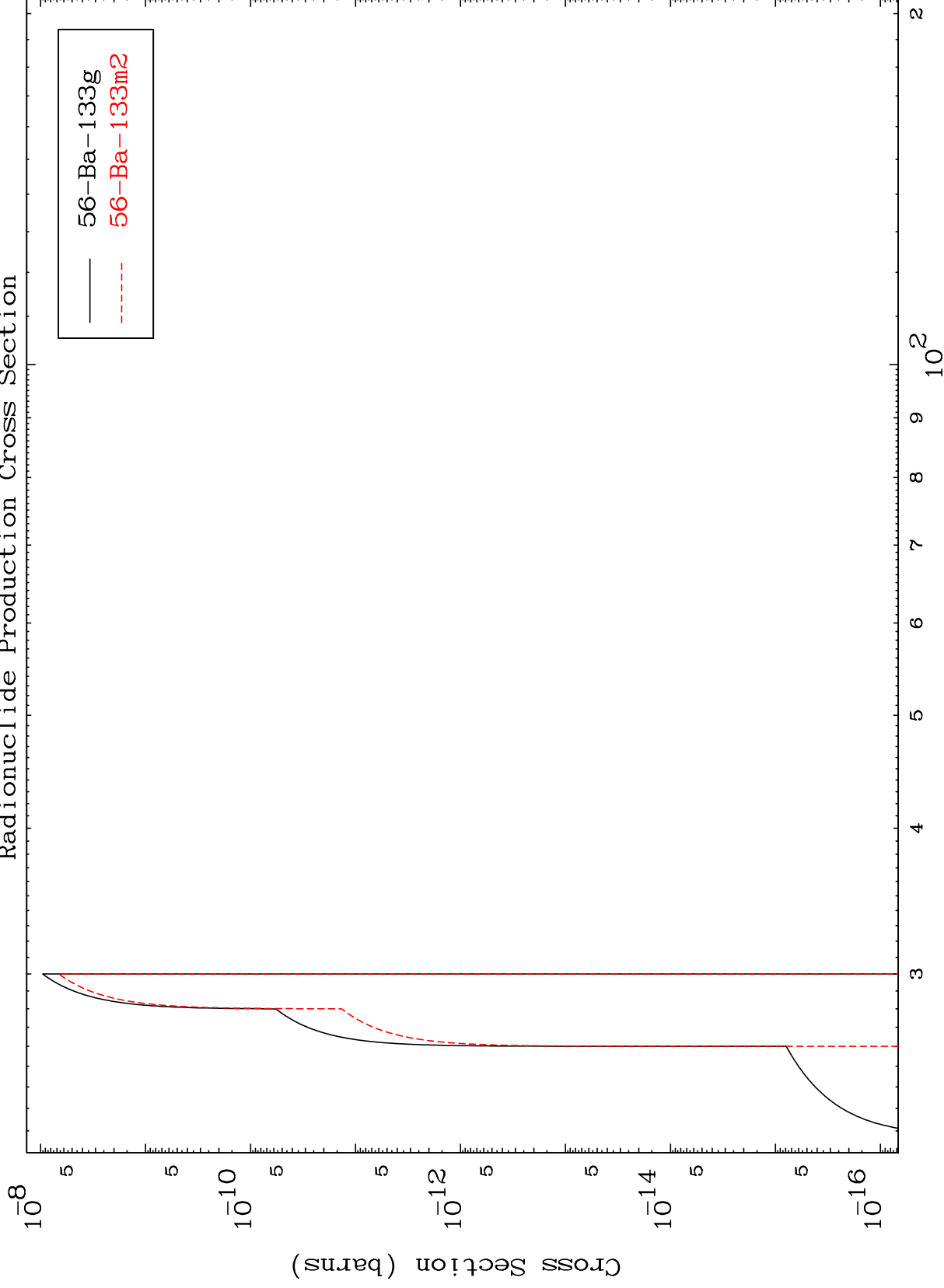
56-Ba-132

MAT 5631

(n,2n) p

56-Ba-132

Radionuclide Production Cross Section



13

Incident Energy (MeV)

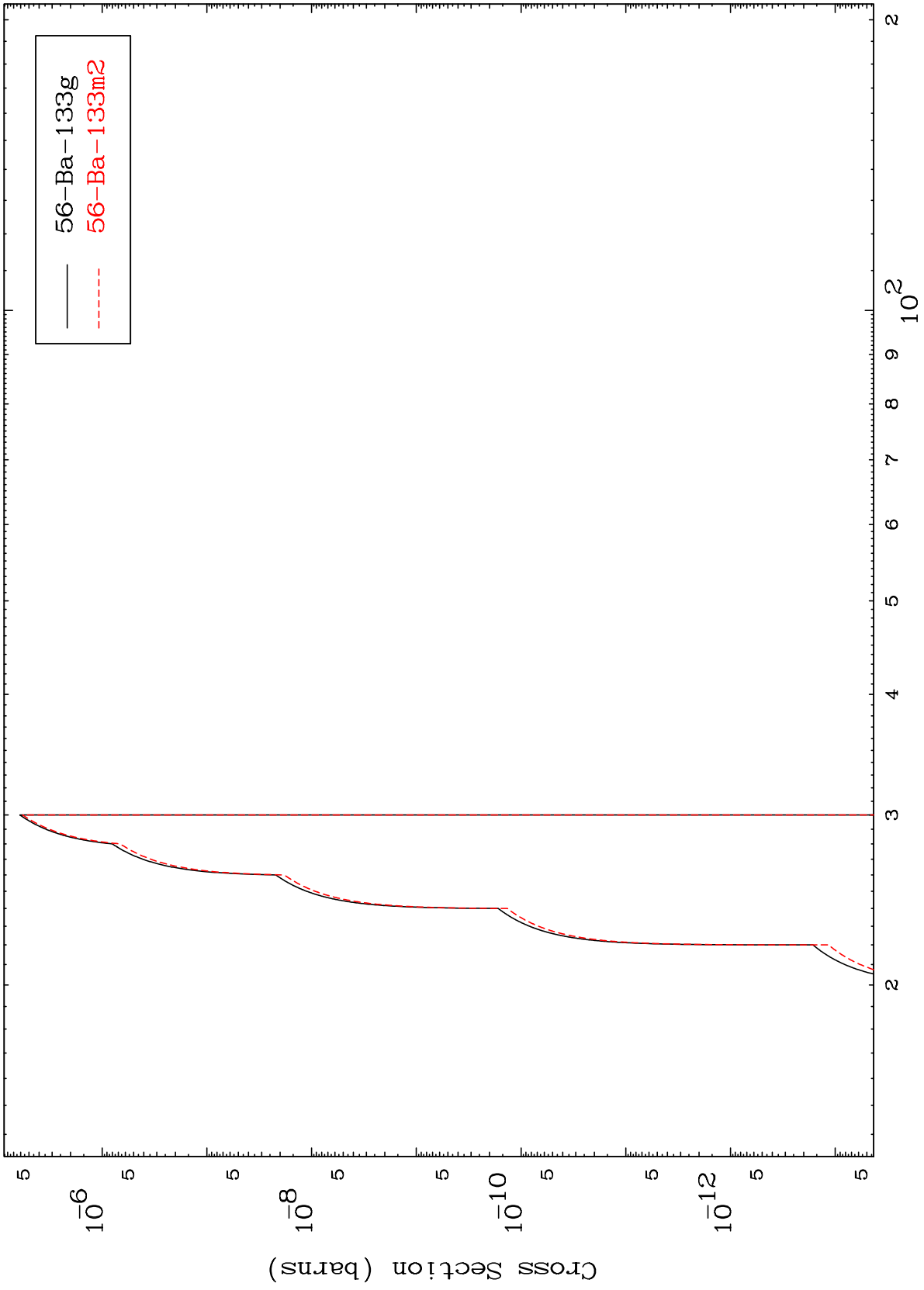
56-Ba-132

MAT 5631

(n, He-3)

56-Ba-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

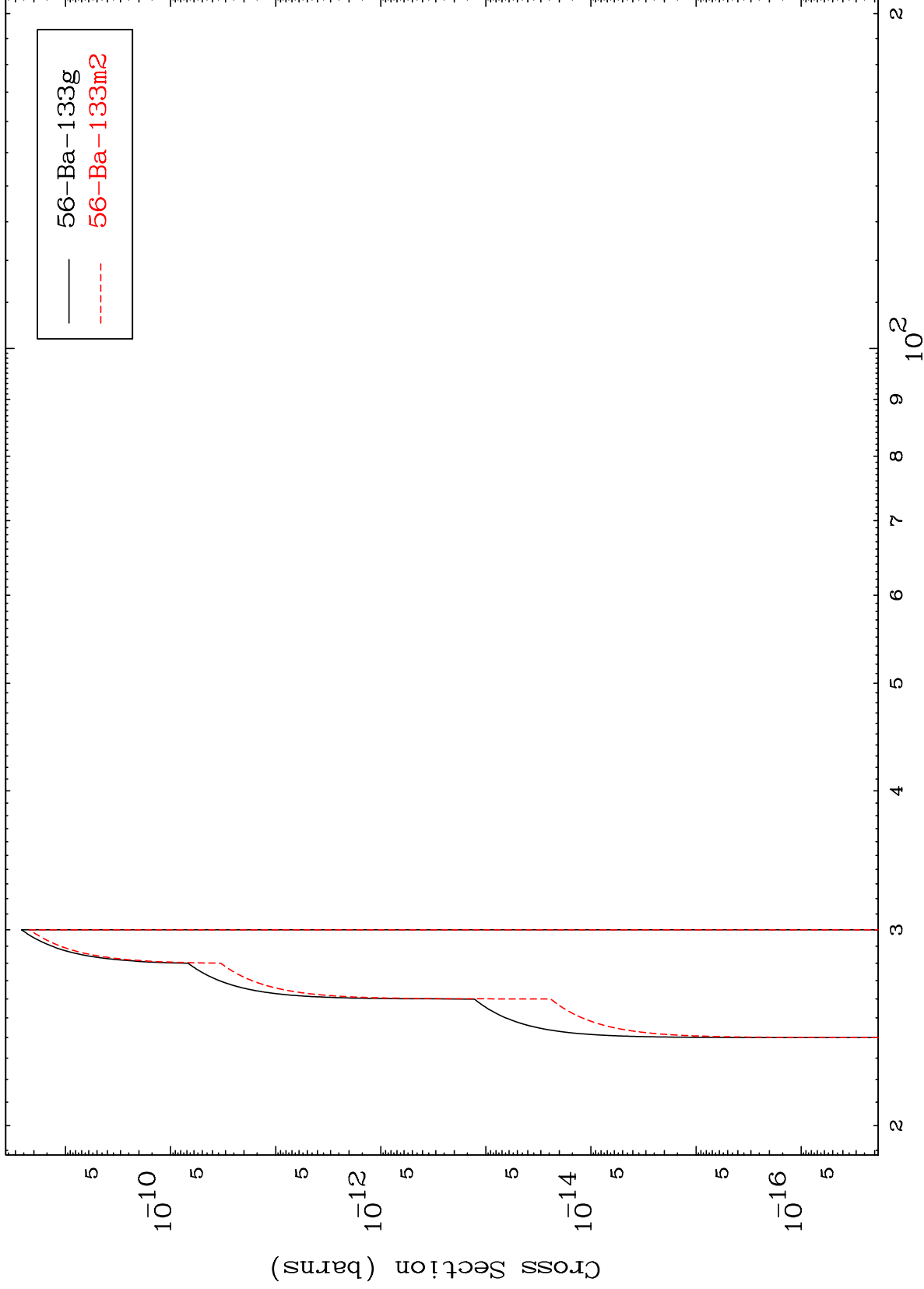
56-Ba-132

MAT 5631

(n,p) d

56-Ba-132

Radionuclide Production Cross Section



15

Incident Energy (MeV)

56-Ba-132