

Program EVALPLOT
(Version 2021-1)

by

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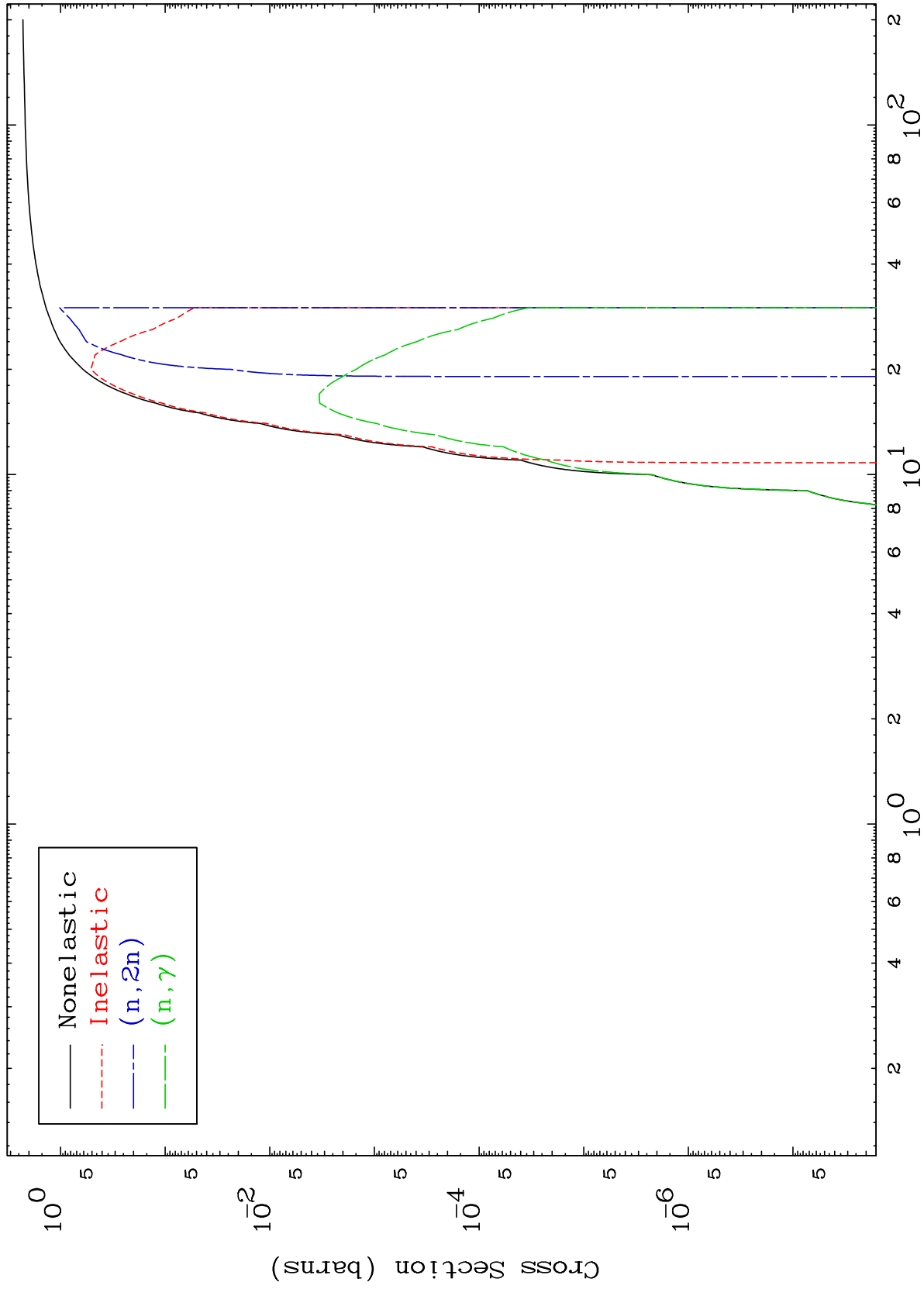
Press Mouse Button to Start

MAT 5625

0 Kelvin

α Major Cross Sections

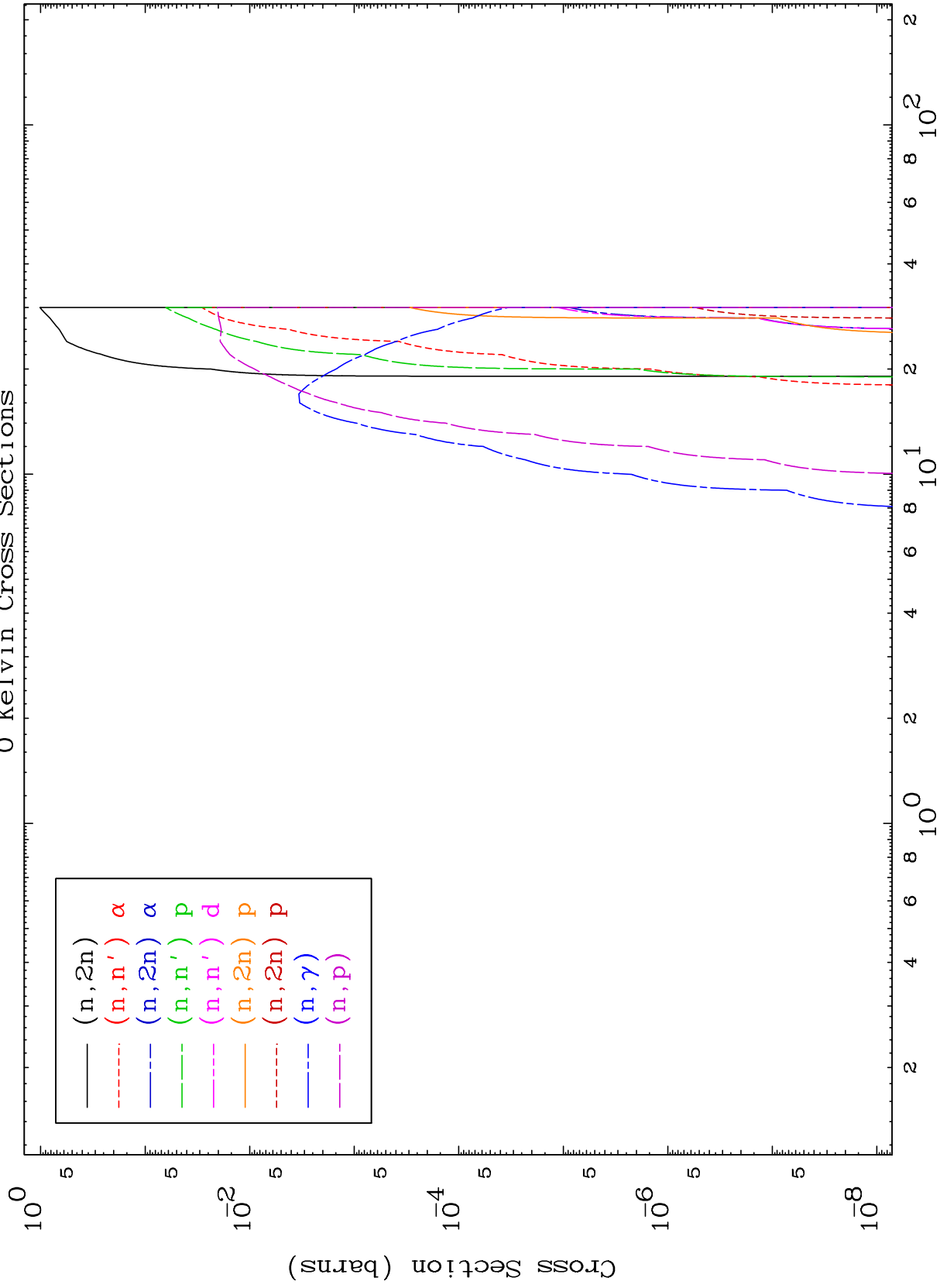
56-Ba-130



MAT 5625

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-130



2

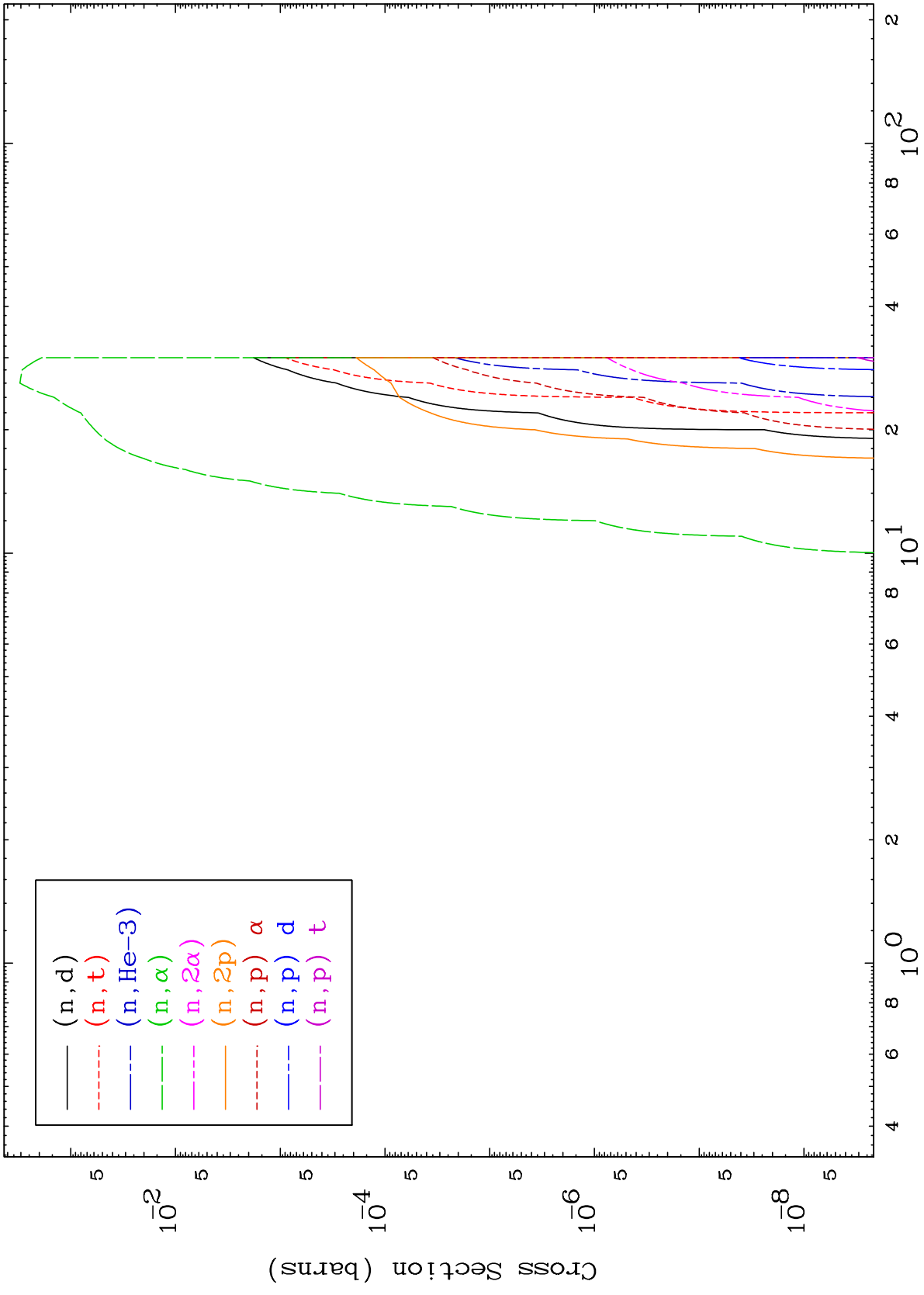
Incident Energy (MeV)

56-Ba-130

MAT 5625

α Neutron Absorption
0 Kelvin Cross Sections

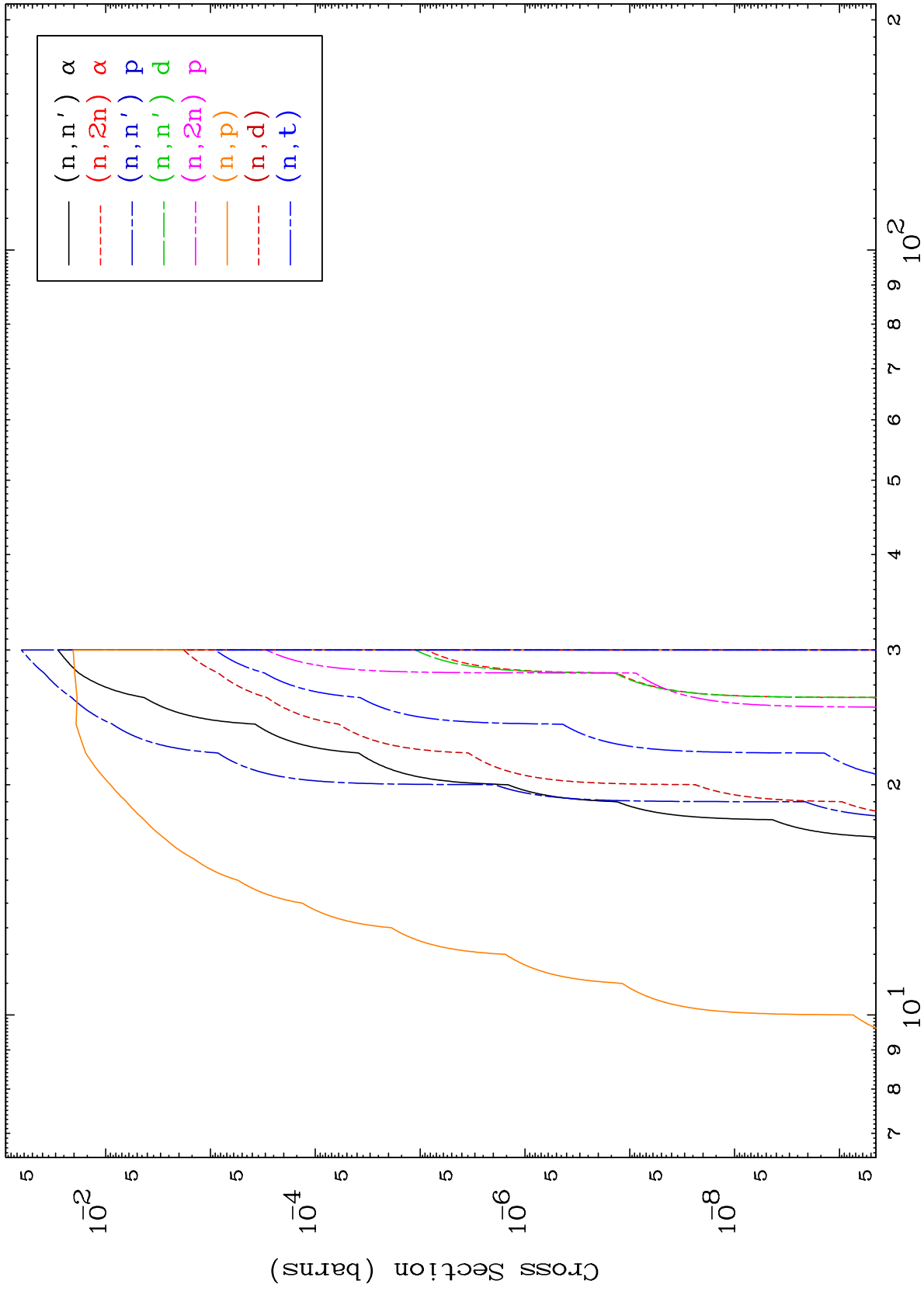
56-Ba-130



3

Incident Energy (MeV)

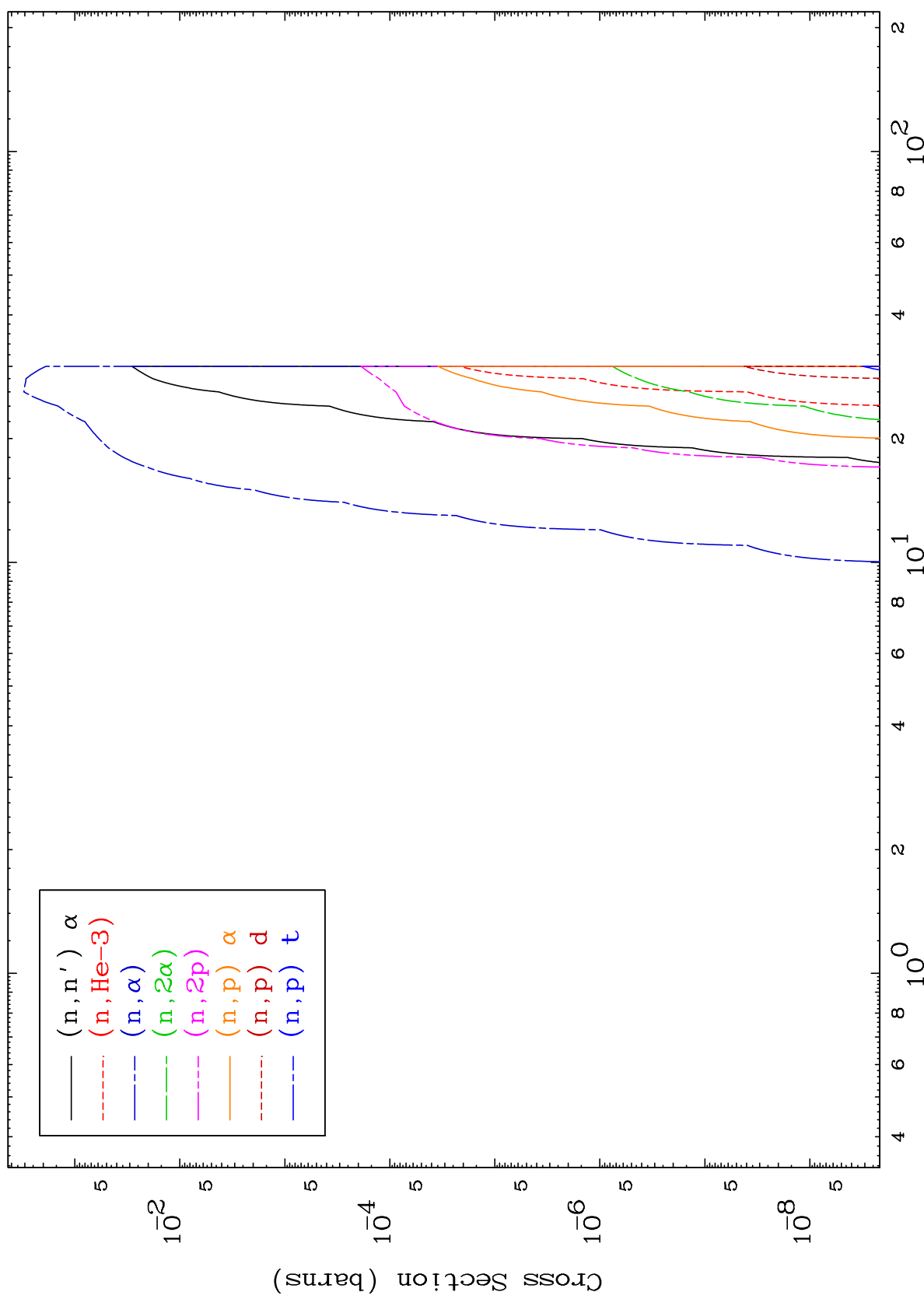
56-Ba-130



MAT 5625

α Charged Particle
0 Kelvin Cross Sections

56-Ba-130



5

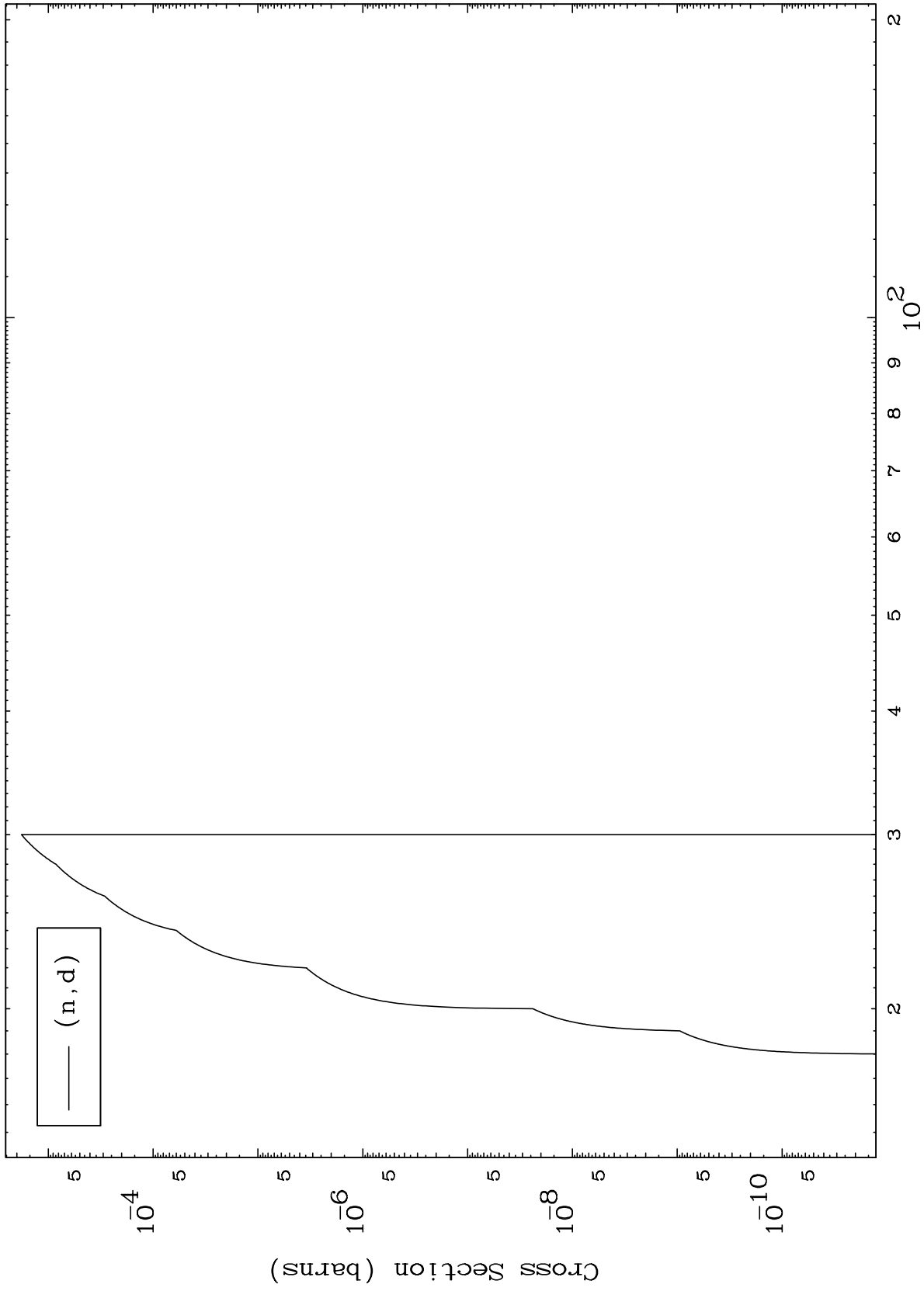
Incident Energy (MeV)

56-Ba-130

MAT 5625

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-130

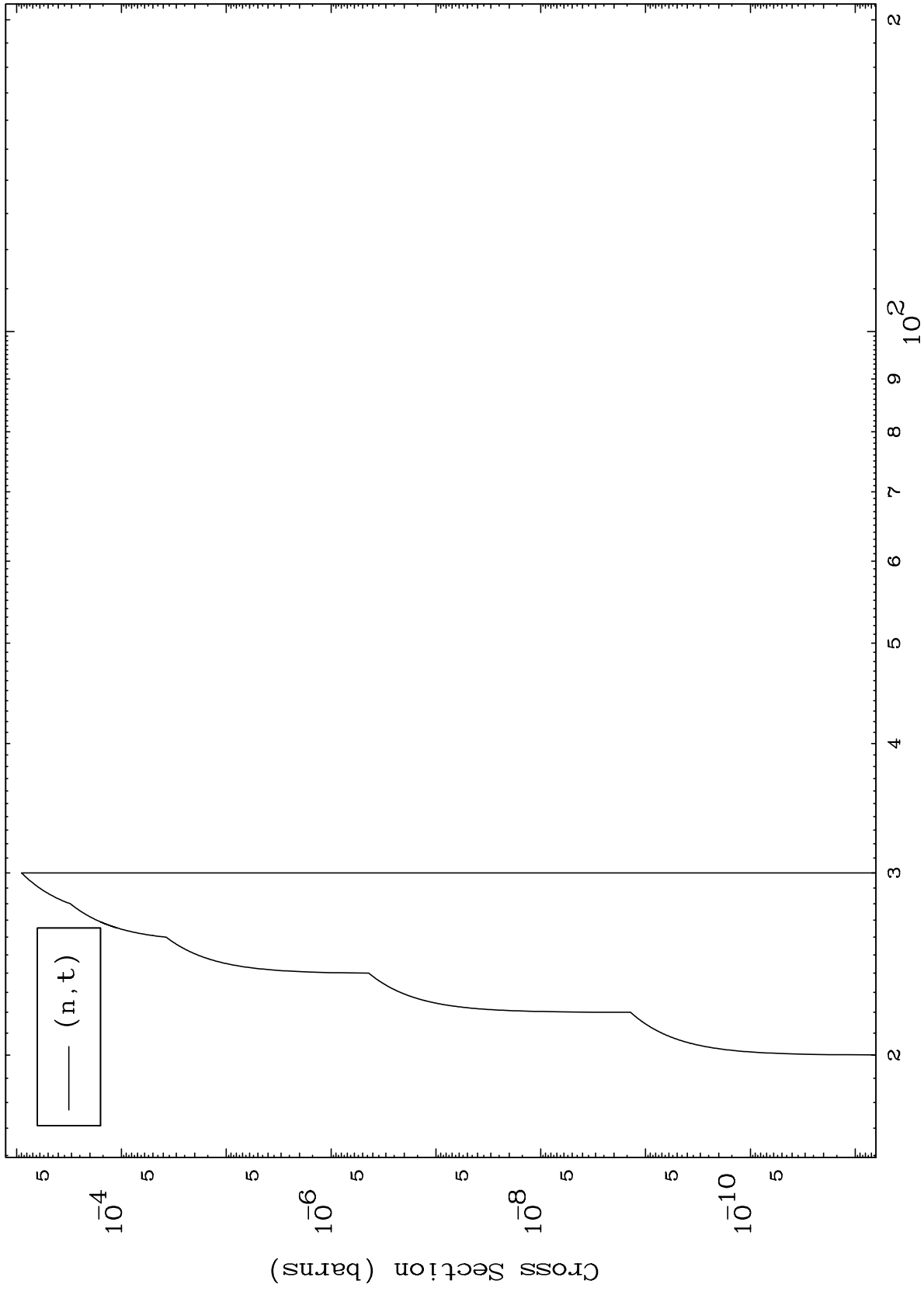


7

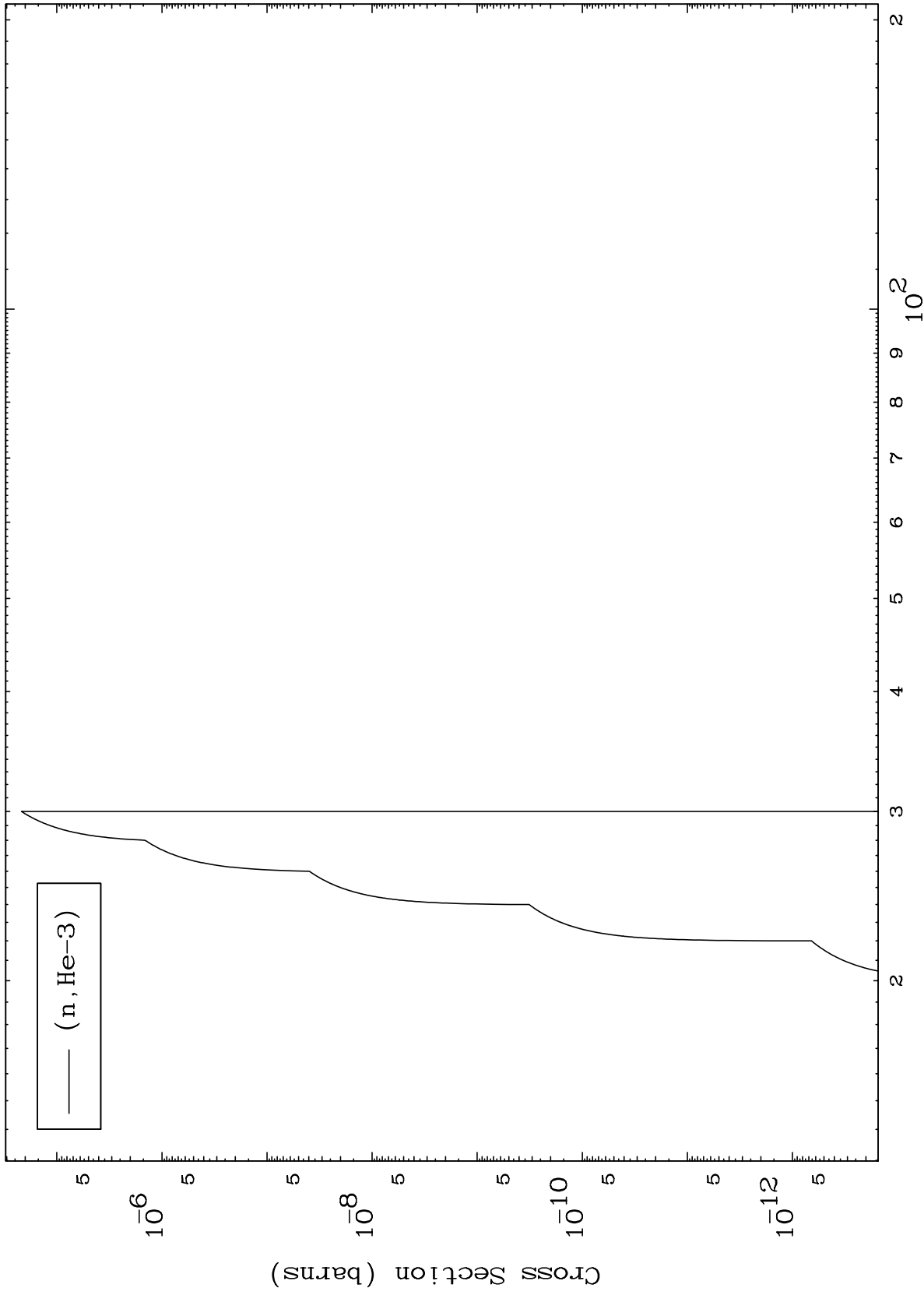
MAT 5625

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-130



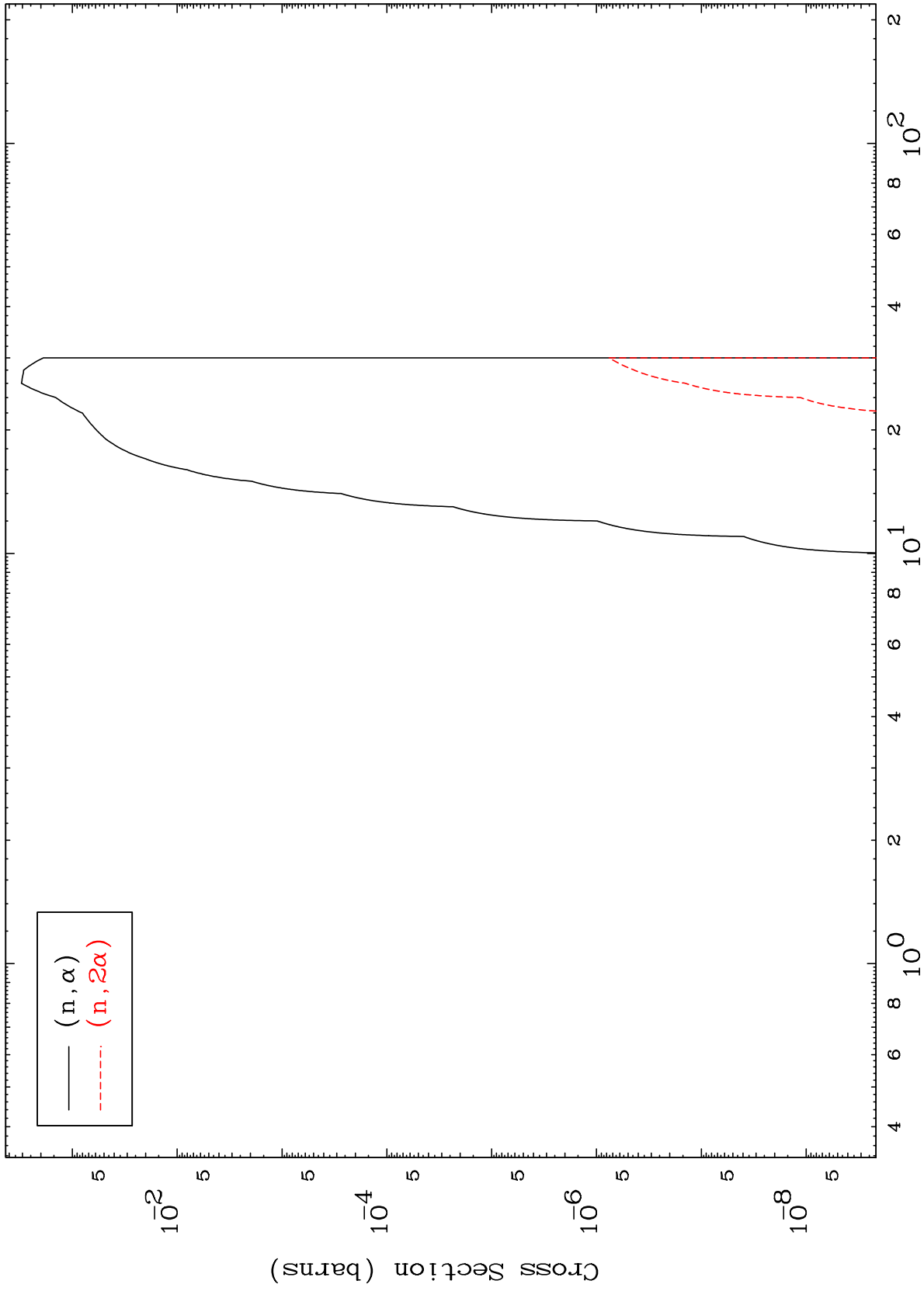
8



MAT 5625

0 Kelvin Cross Sections
(α, α) Levels

56-Ba-130



10

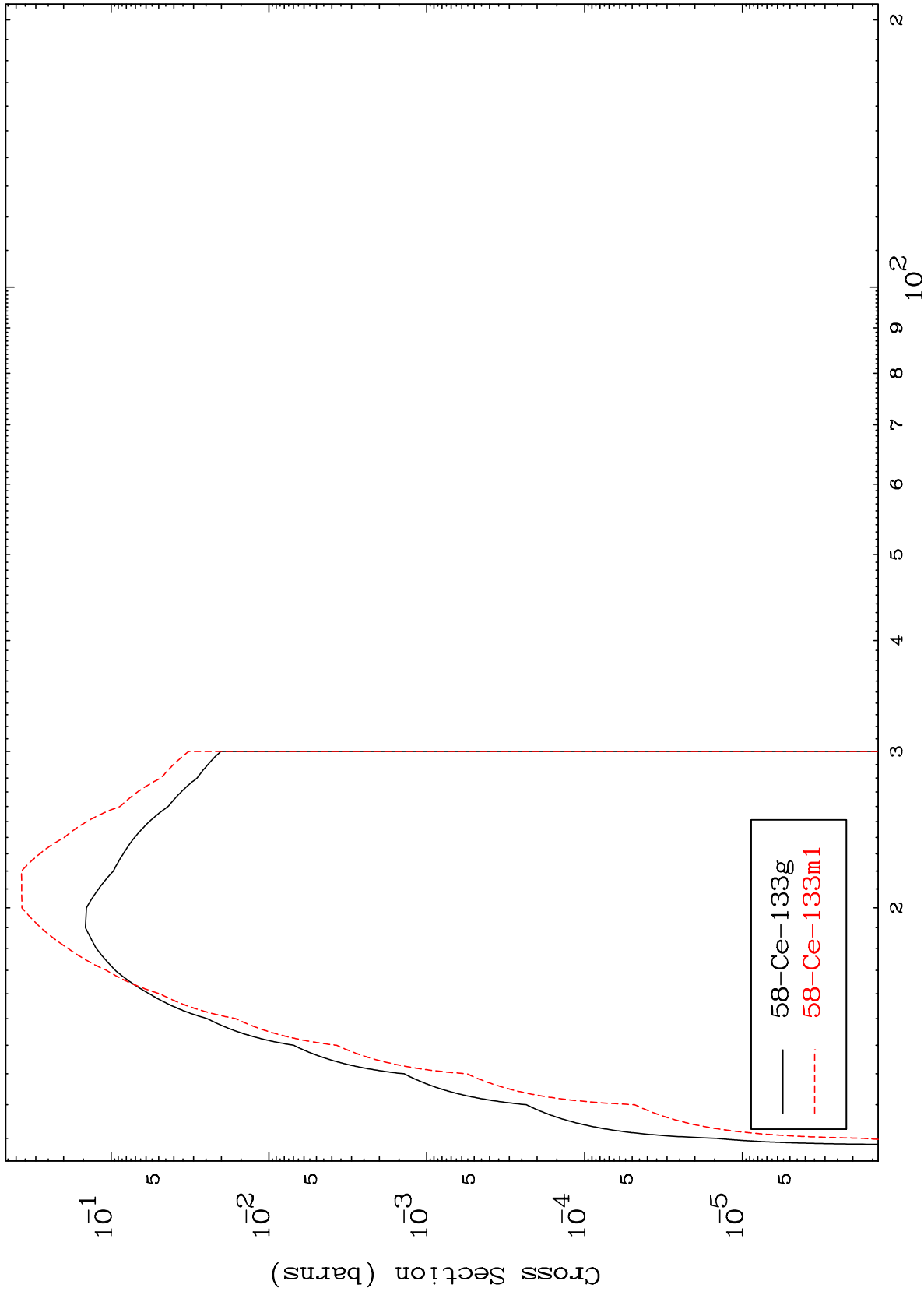
Incident Energy (MeV)

56-Ba-130

MAT 5625

Inelastic
Radionuclide Production Cross Section

56-Ba-130



11

Incident Energy (MeV)

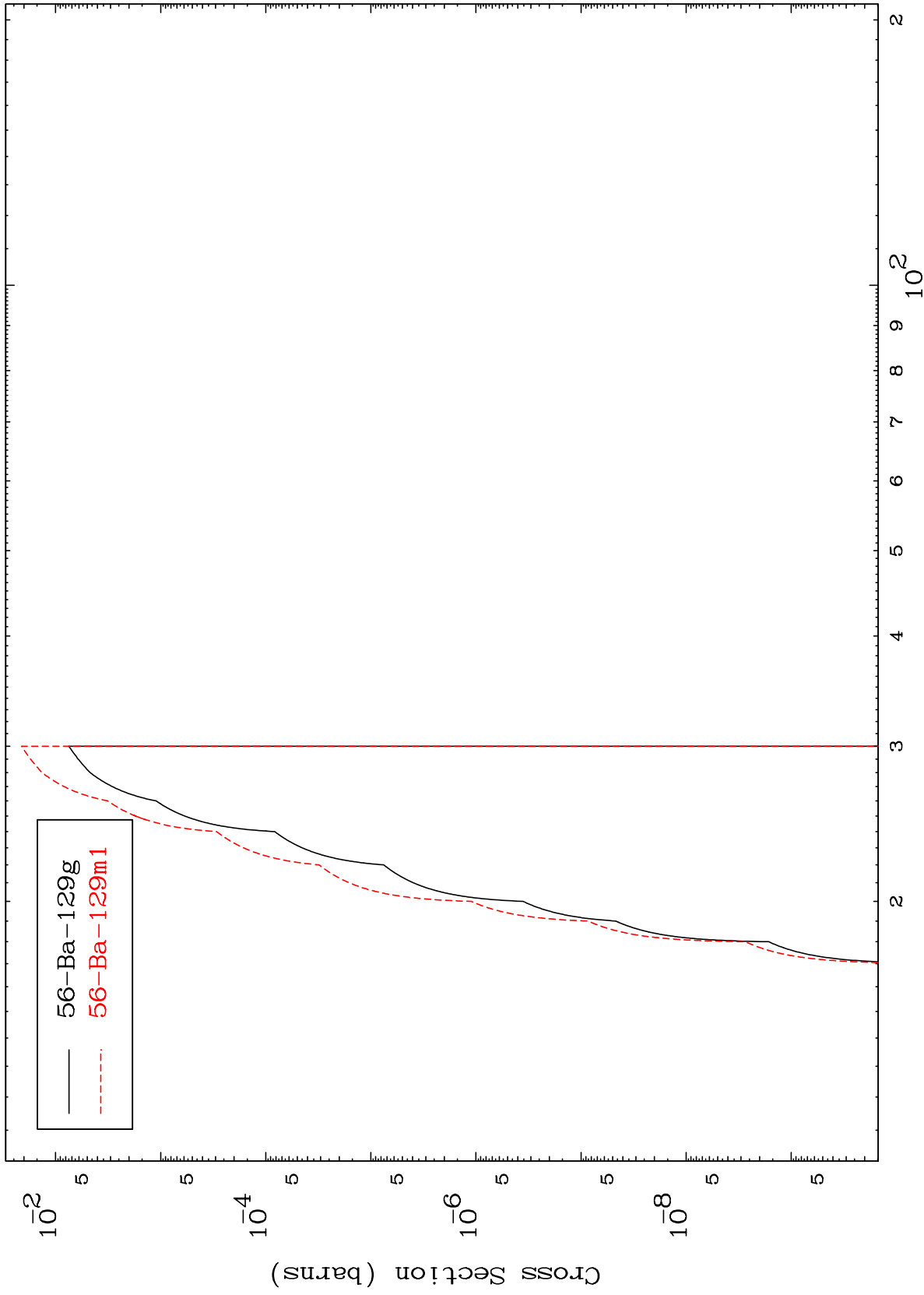
56-Ba-130

MAT 5625

(n,n') α

56-Ba-130

Radionuclide Production Cross Section



12

Incident Energy (MeV)

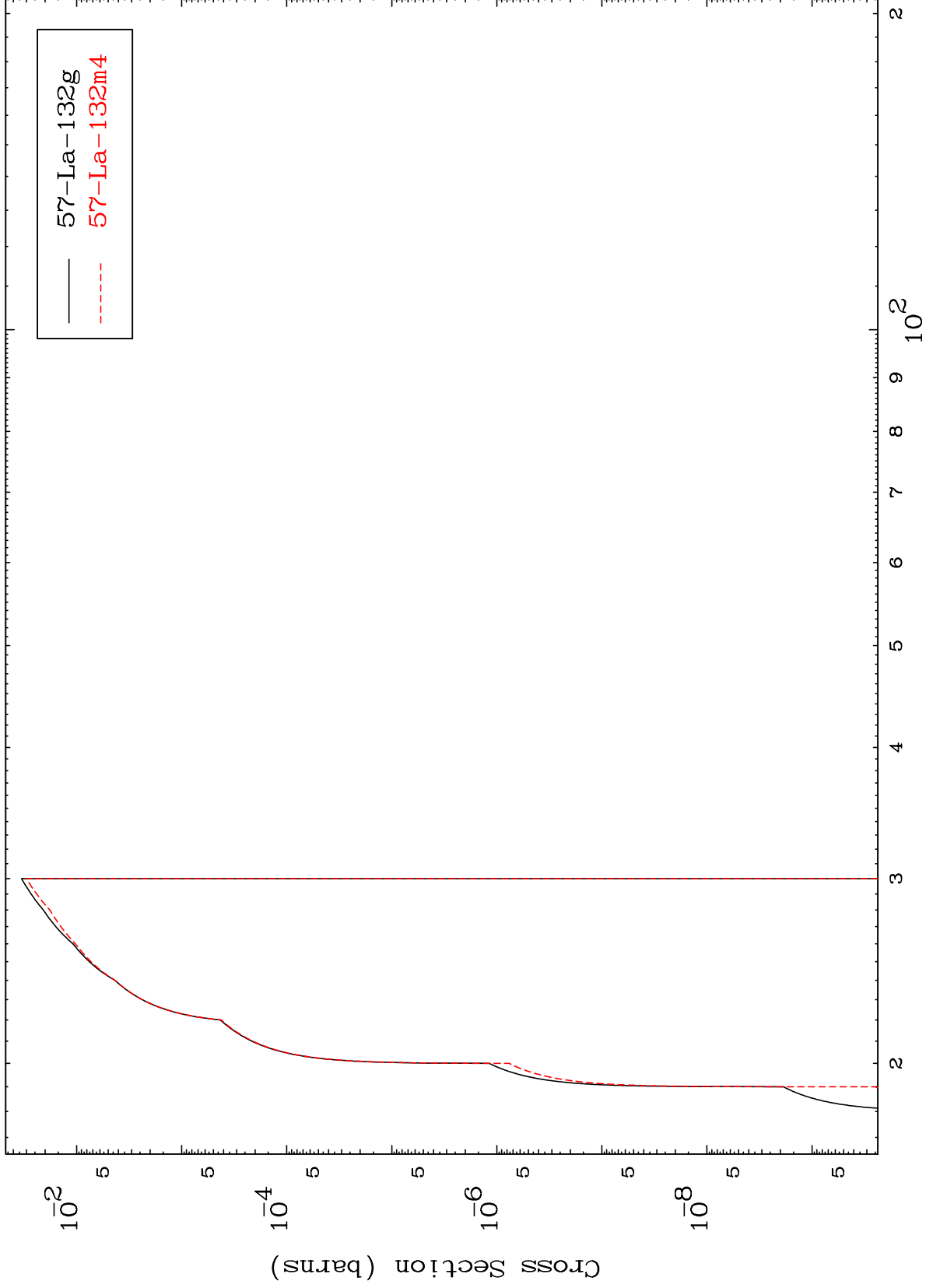
56-Ba-130

MAT 5625

(n,n') p

56-Ba-130

Radionuclide Production Cross Section



13

Incident Energy (MeV)

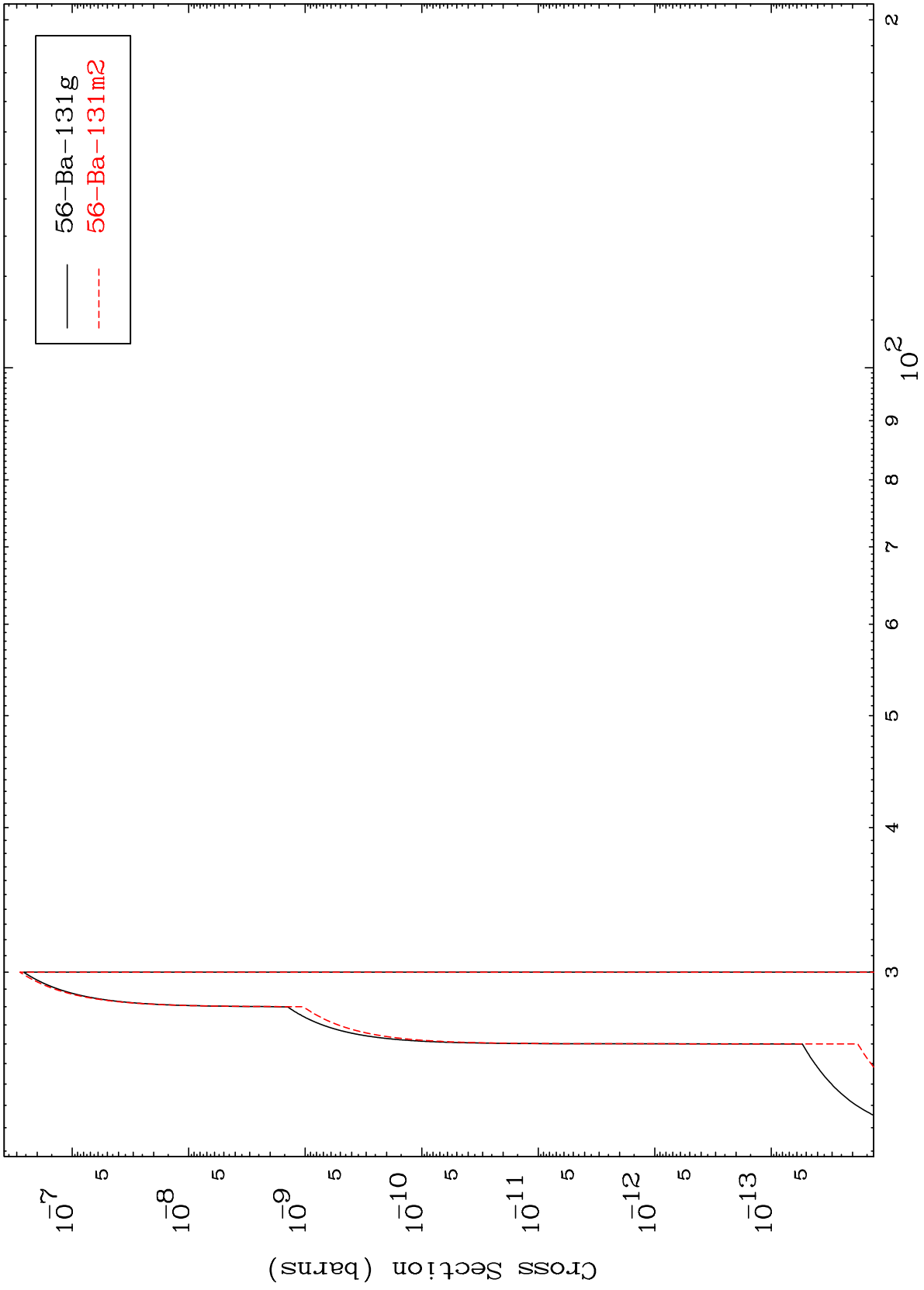
56-Ba-130

MAT 5625

(n,2n) p

56-Ba-130

Radionuclide Production Cross Section



14

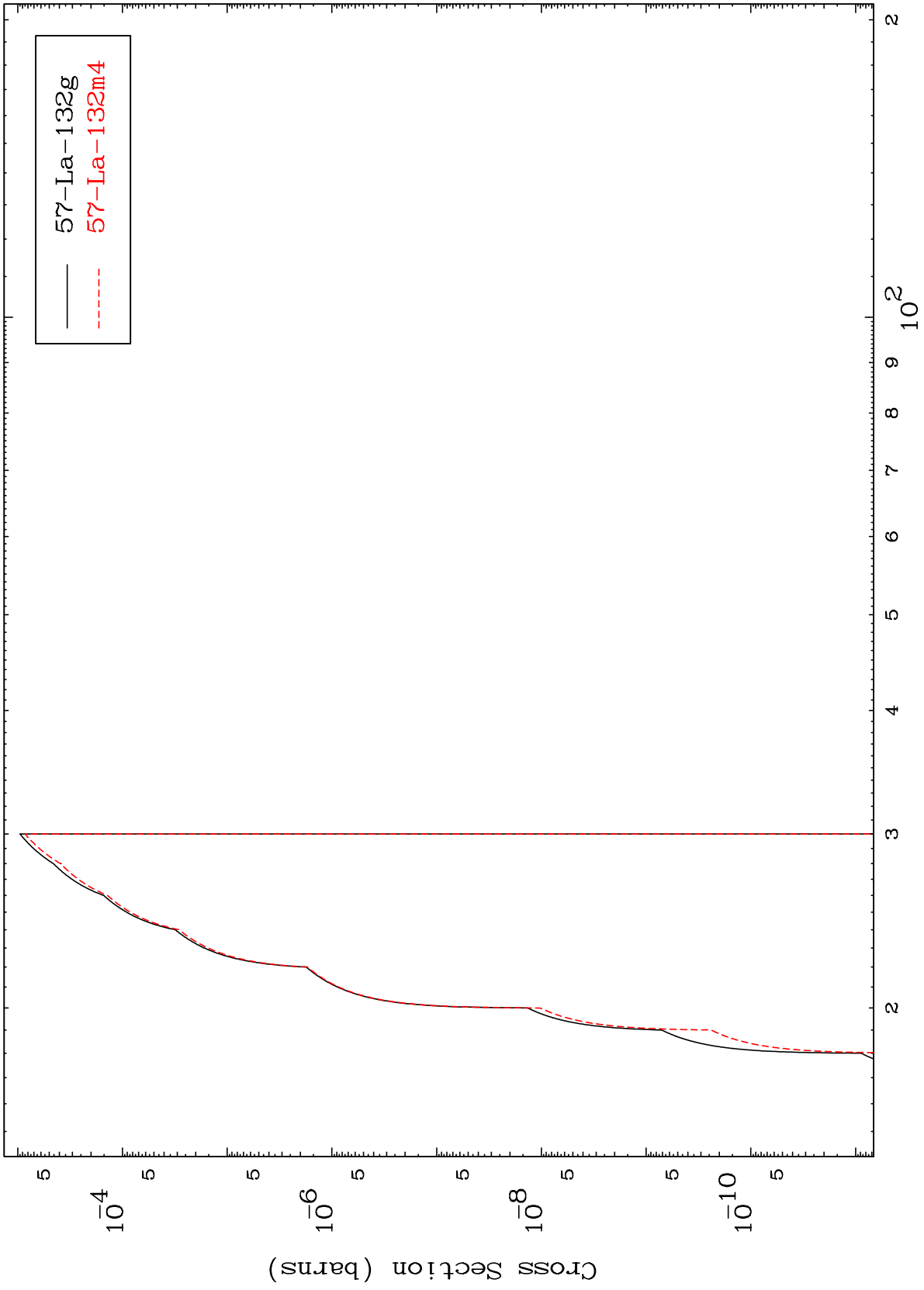
Incident Energy (MeV)

56-Ba-130

MAT 5625

56-Ba-130

(n,d)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

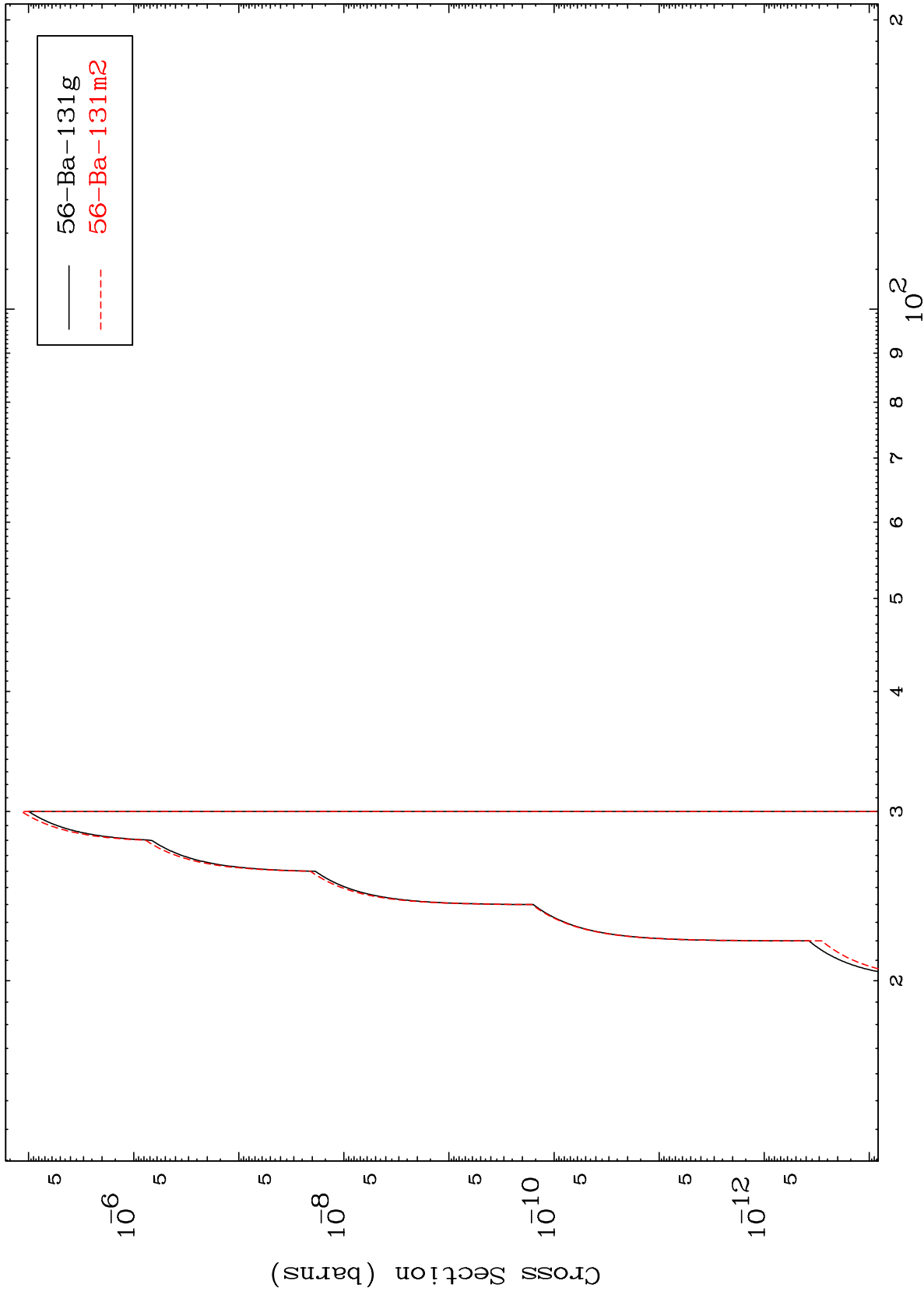
56-Ba-130

MAT 5625

(n, He-3)

56-Ba-130

Radionuclide Production Cross Section



16

Incident Energy (MeV)

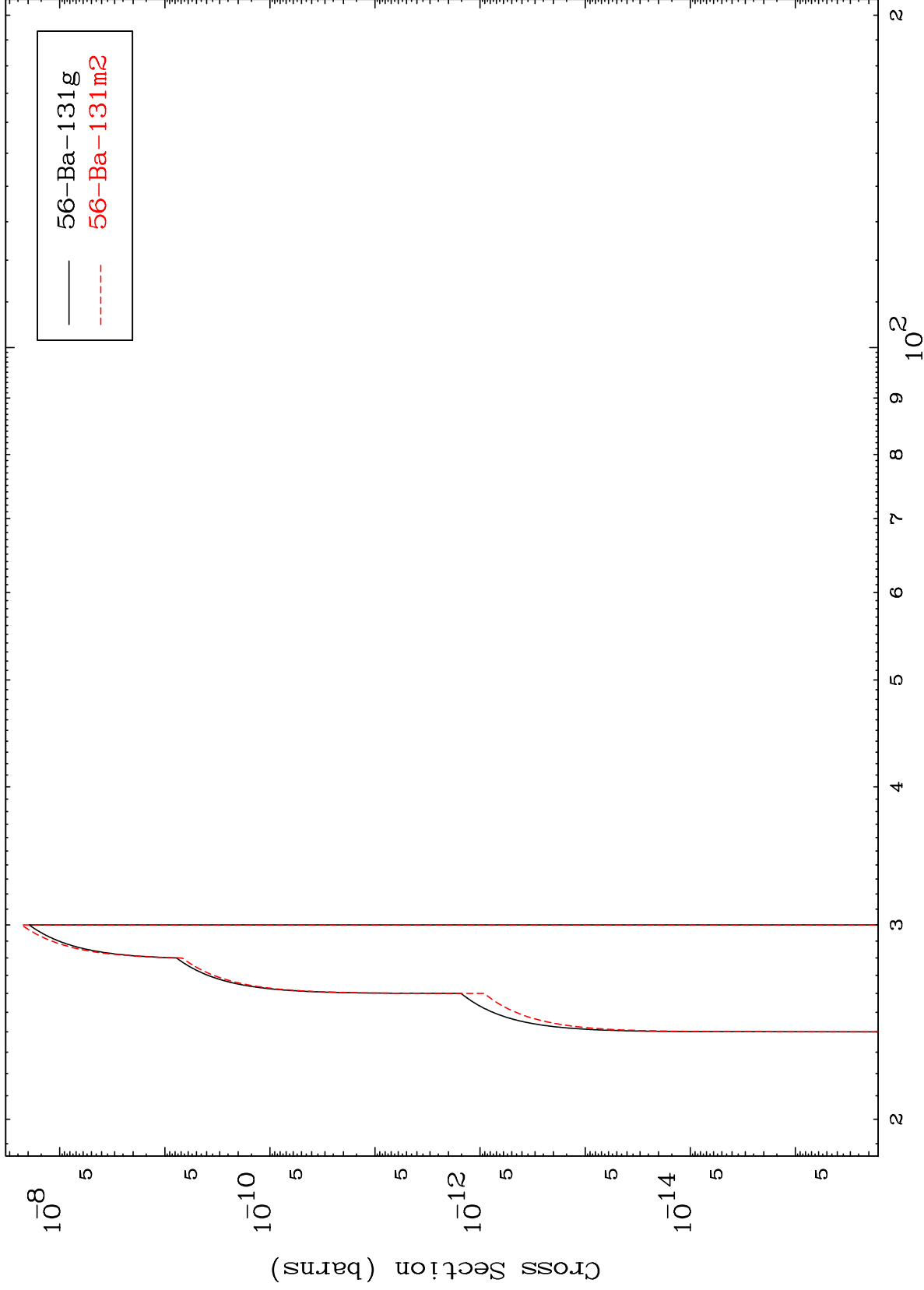
56-Ba-130

MAT 5625

(n,p) d

56-Ba-130

Radionuclide Production Cross Section



17

Incident Energy (MeV)

56-Ba-130