

Program EVALPLOT
(Version 2018-1)

by

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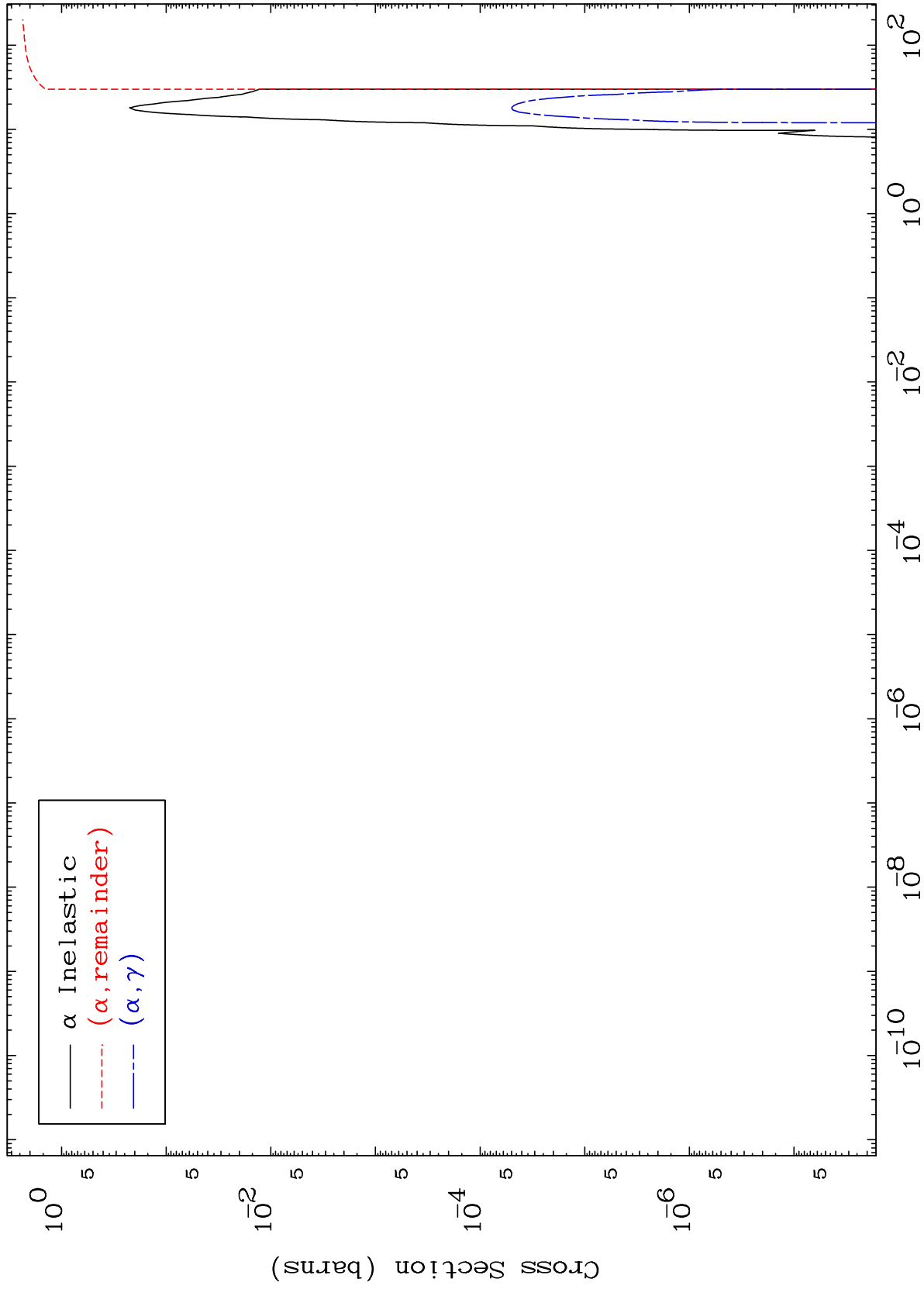
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5643

0 Kelvin α Major
Cross Sections

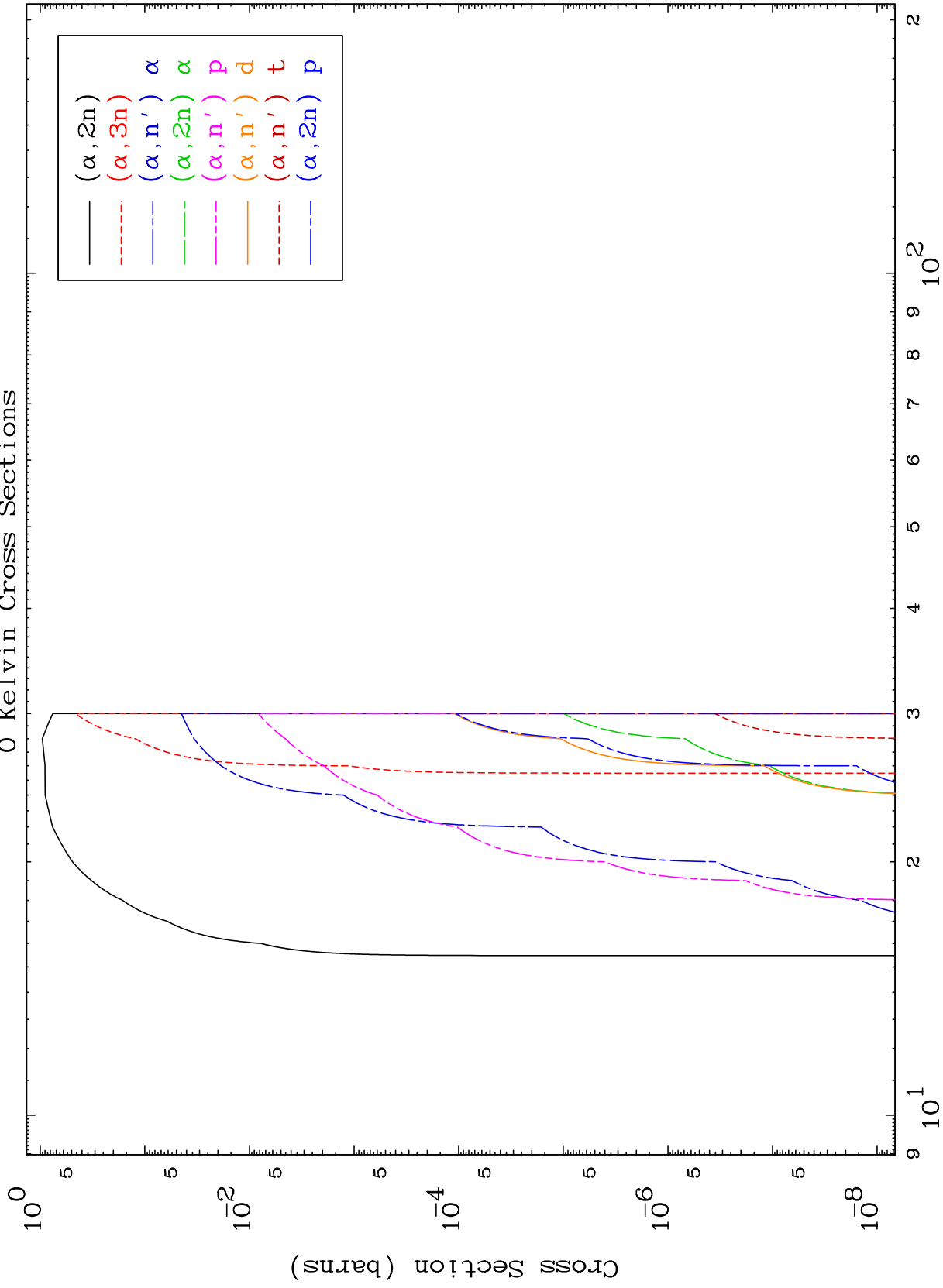
56-Ba-136



MAT 5643

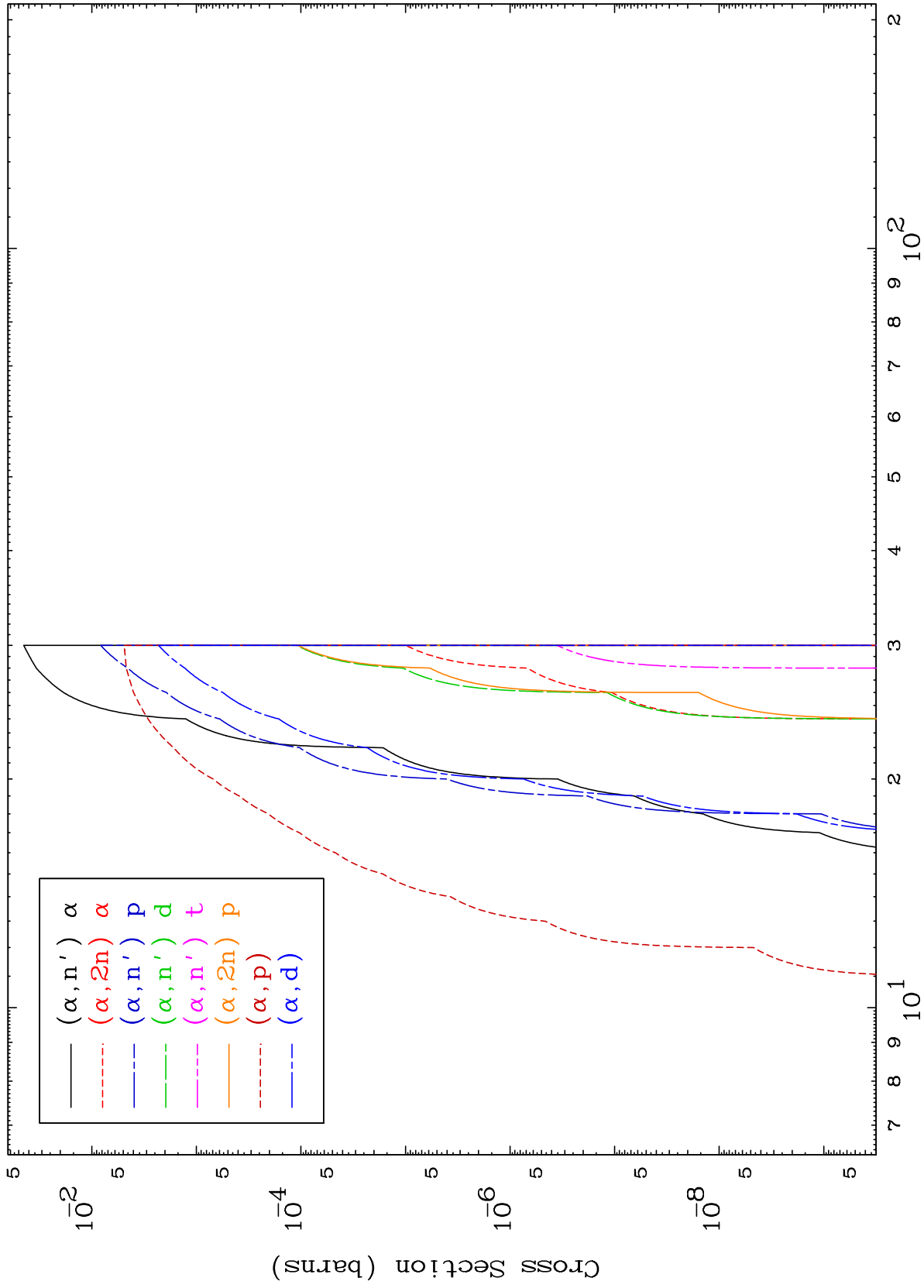
α Neutron Production
0 Kelvin Cross Sections

56-Ba-136



56-Ba-136

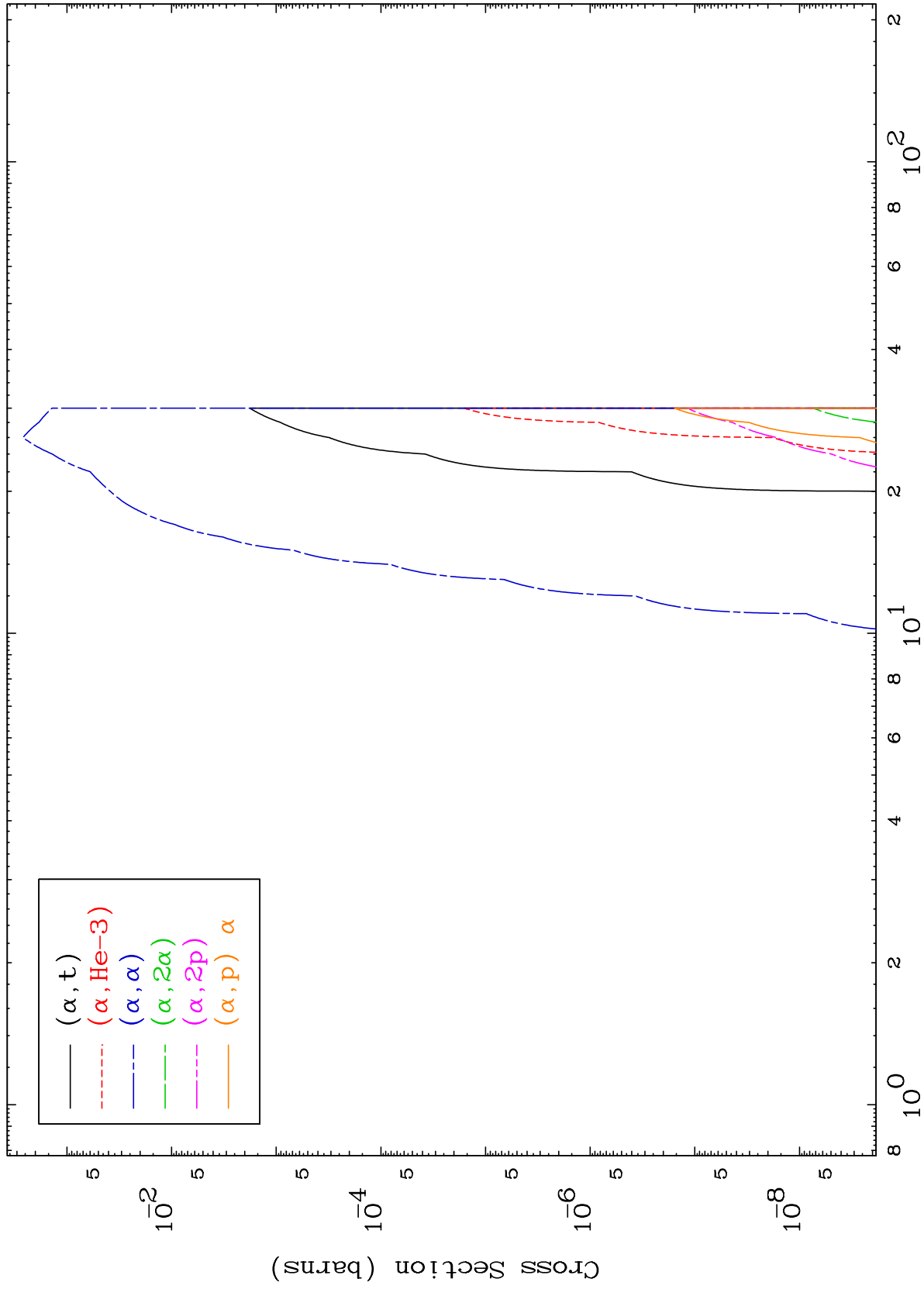
Incident Energy (MeV)



MAT 5643

α Charged Particle
0 Kelvin Cross Sections

56-Ba-136



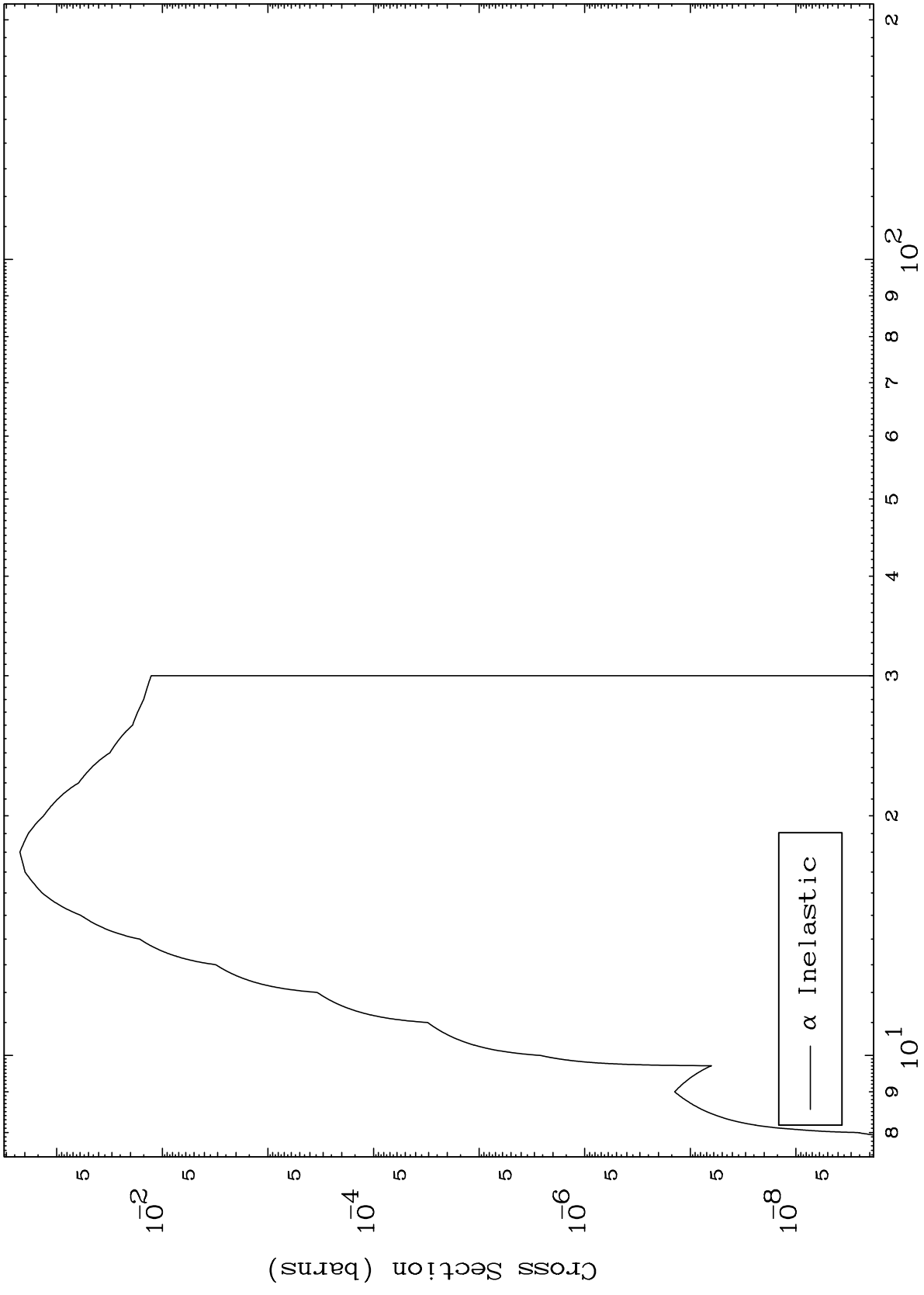
4

56-Ba-136

MAT 5643

56-Ba-136

(α, n') Level
0 Kelvin Cross Sections



5

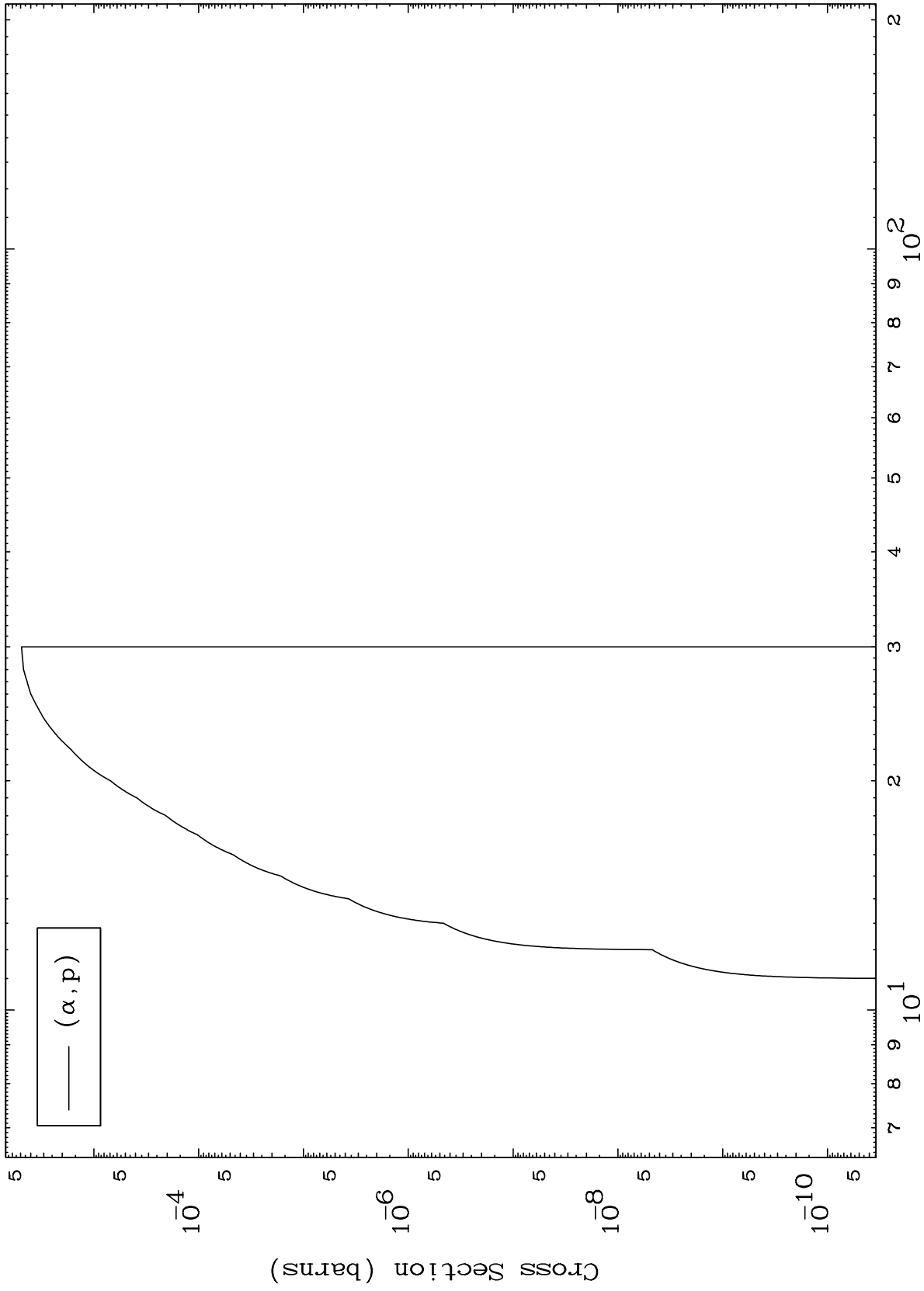
Incident Energy (MeV)

56-Ba-136

MAT 5643

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-136



6

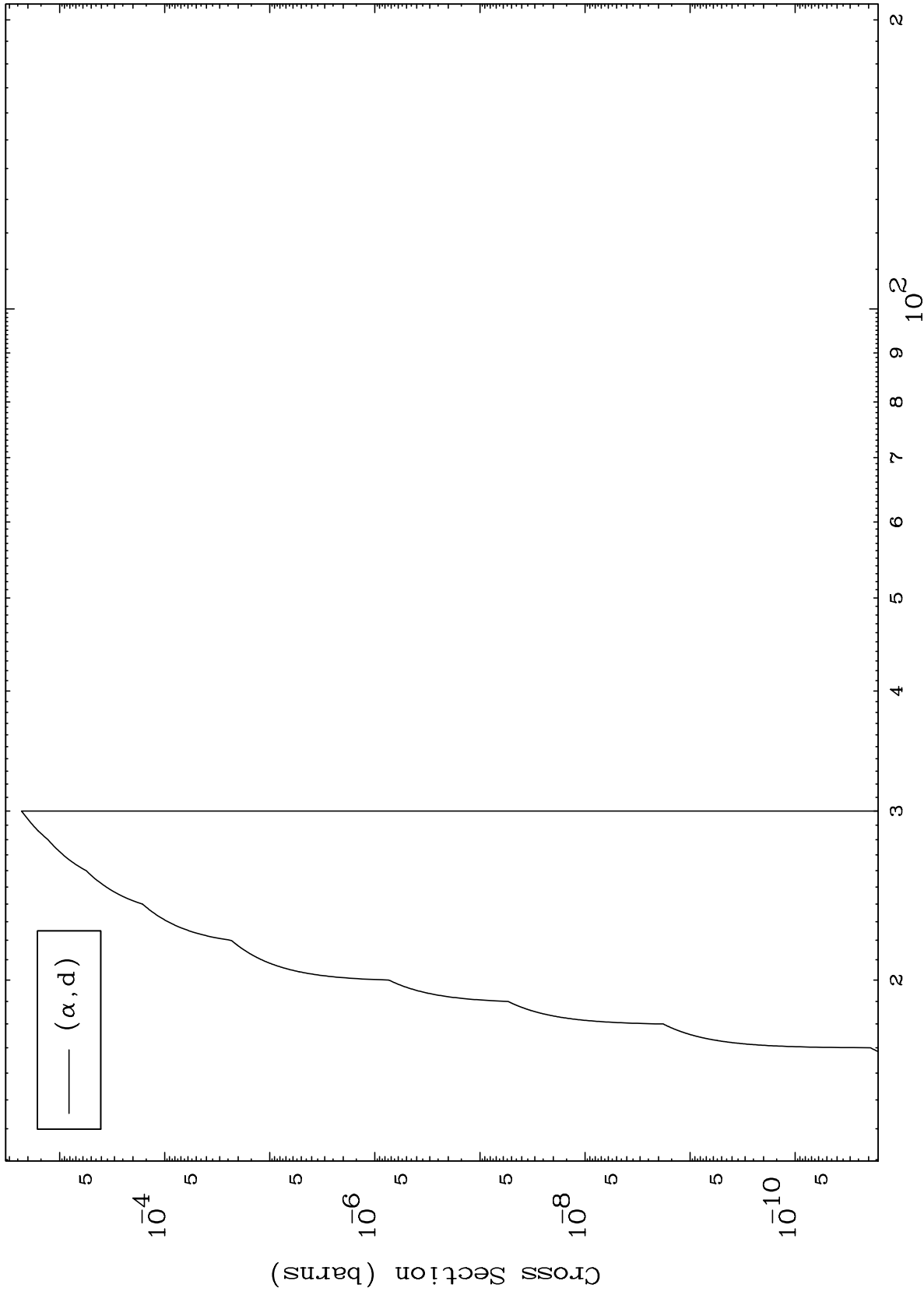
Incident Energy (MeV)

56-Ba-136

MAT 5643

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-136



7

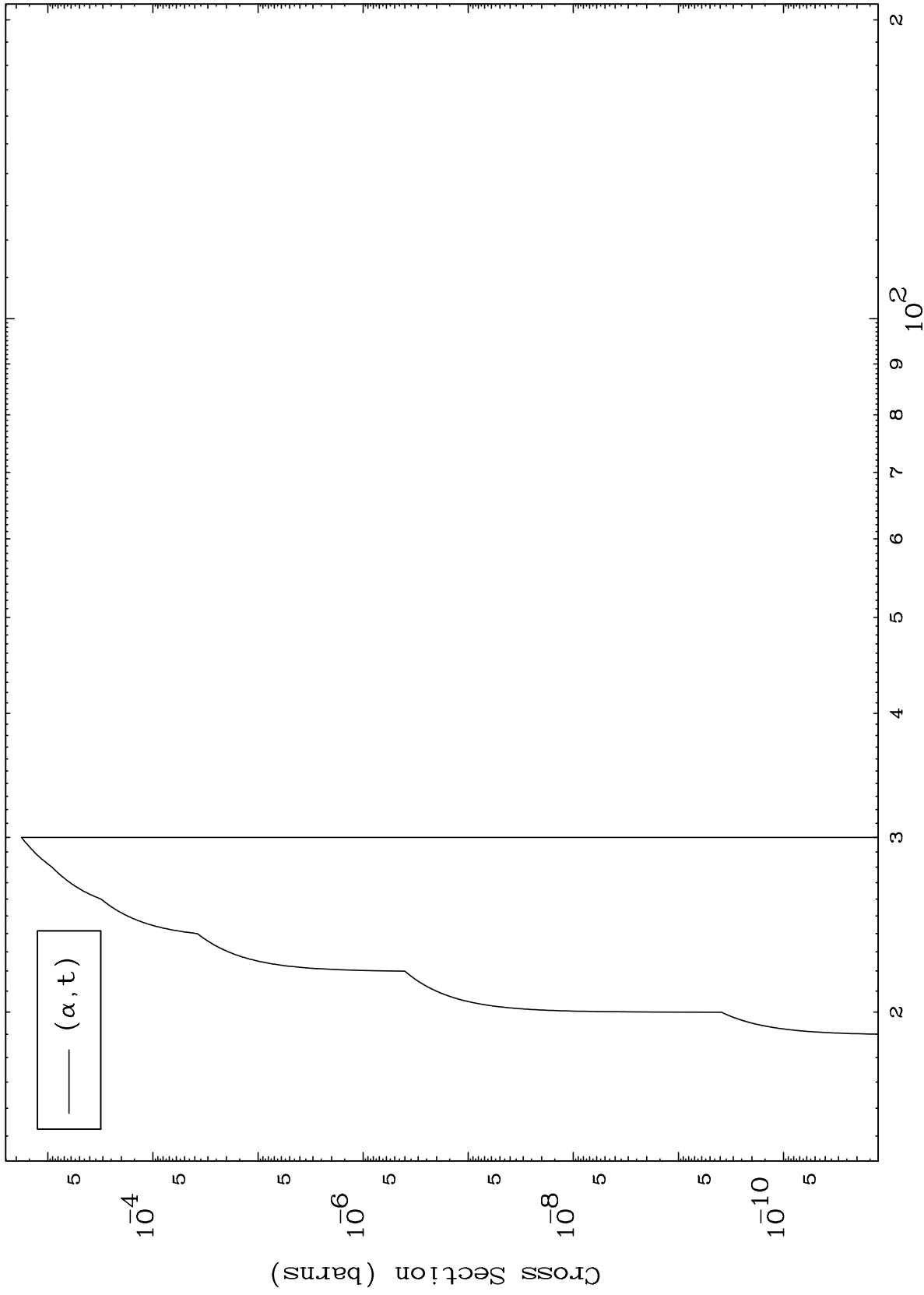
Incident Energy (MeV)

56-Ba-136

MAT 5643

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-136



8

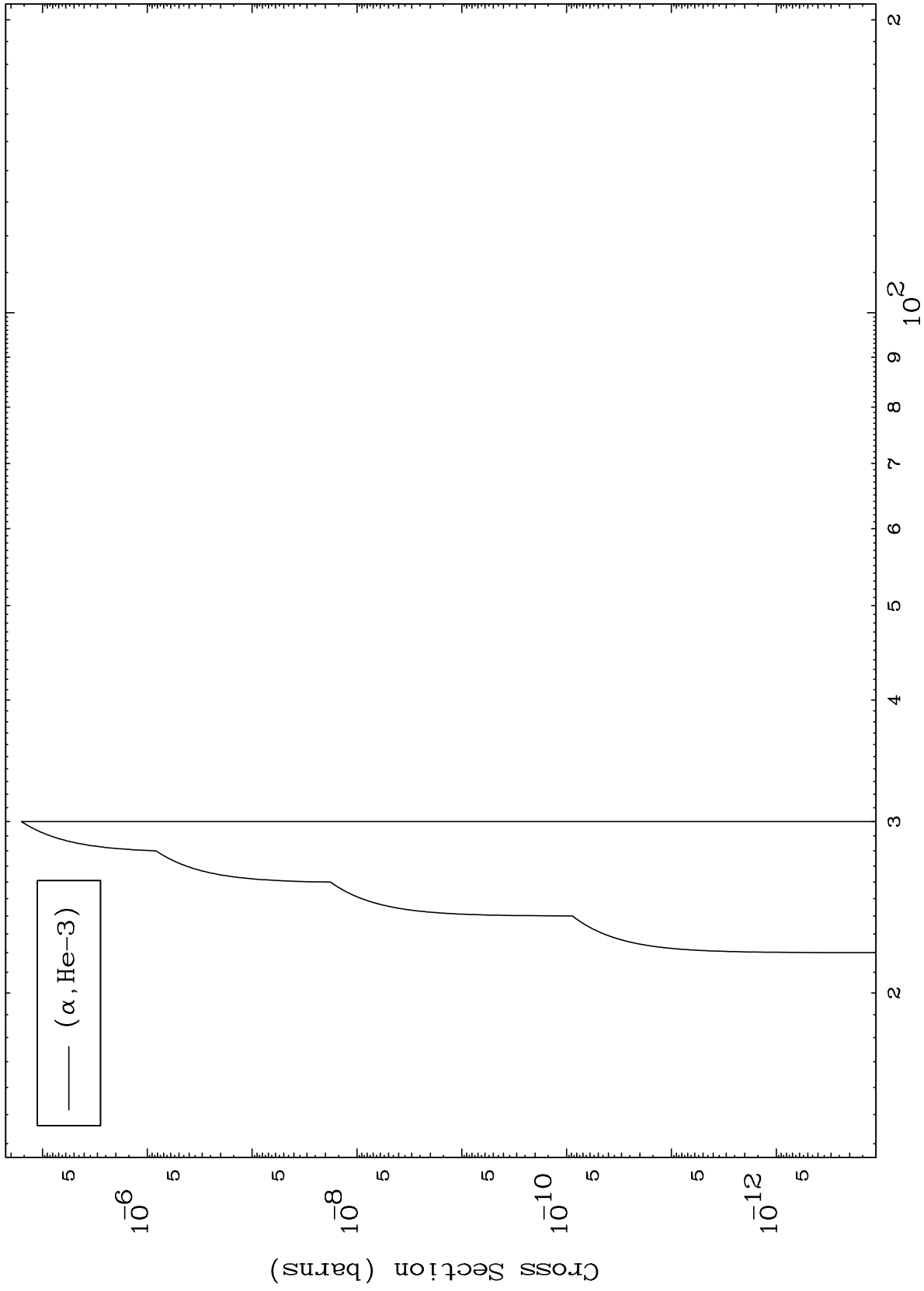
Incident Energy (MeV)

56-Ba-136

MAT 5643

(α ,He3) Levels
0 Kelvin Cross Sections

56-Ba-136



9

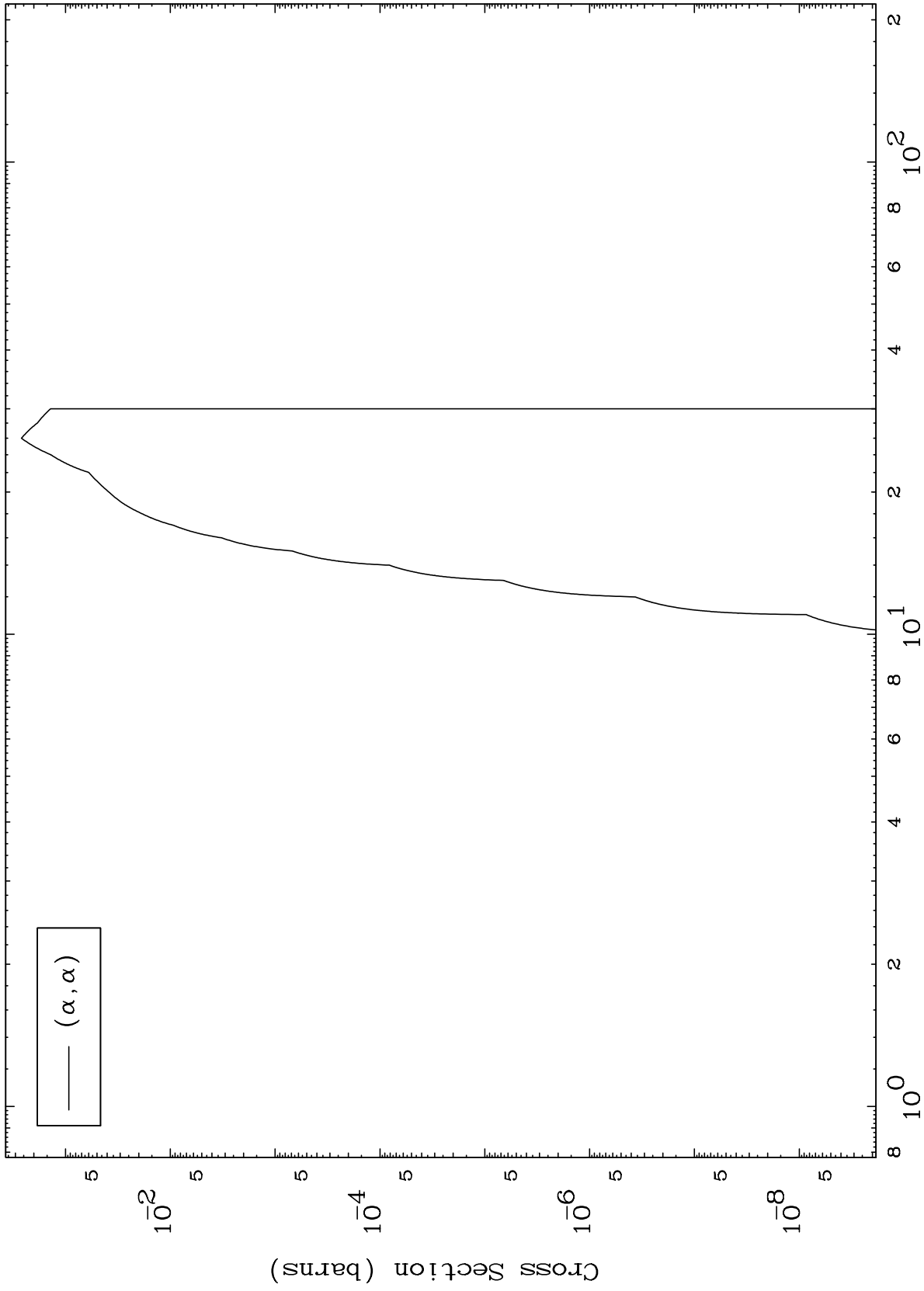
Incident Energy (MeV)

56-Ba-136

MAT 5643

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-136



10

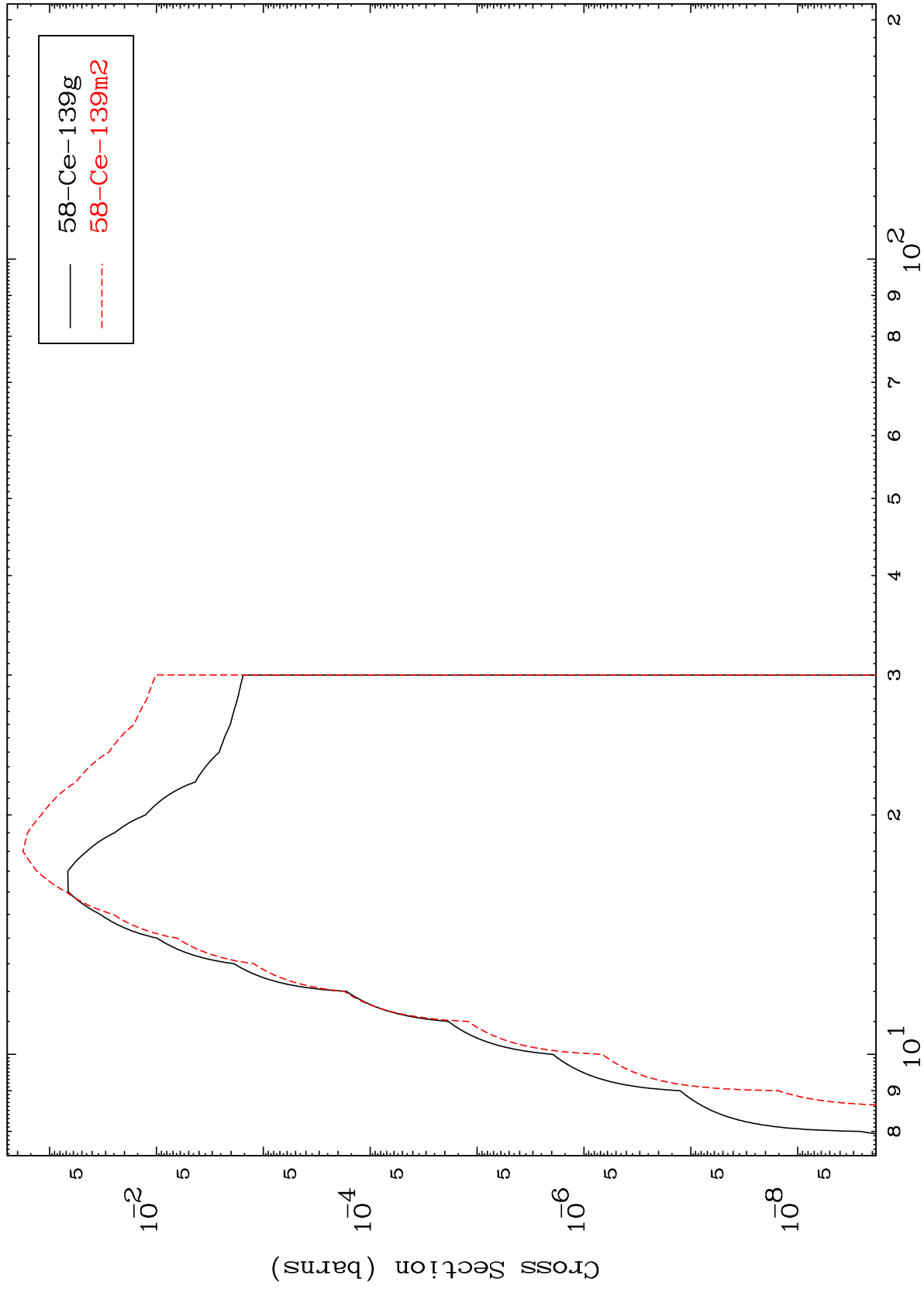
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

α Inelastic
Radionuclide Production Cross Section



11

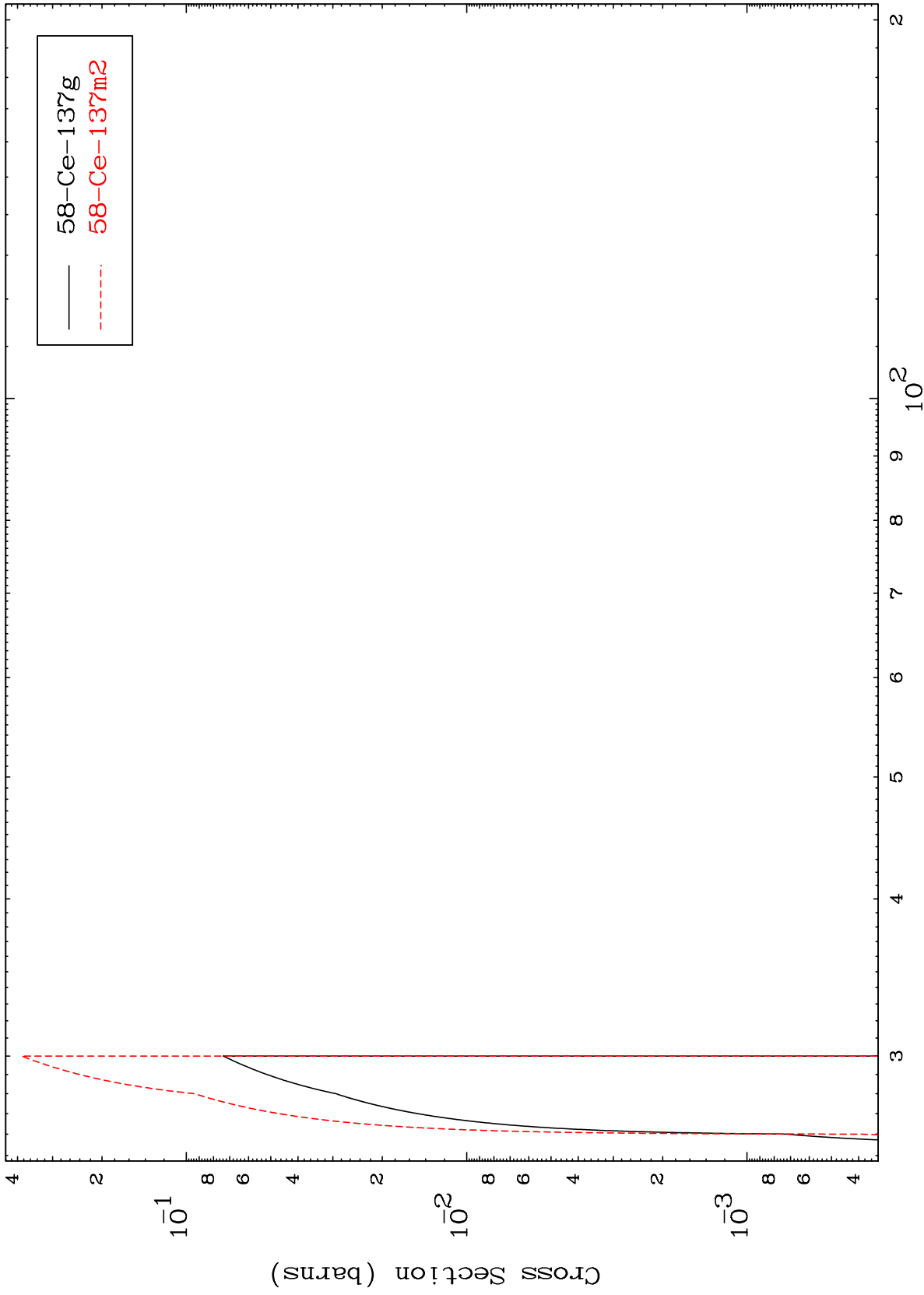
56-Ba-136

MAT 5643

($\alpha, 3n$)

56-Ba-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

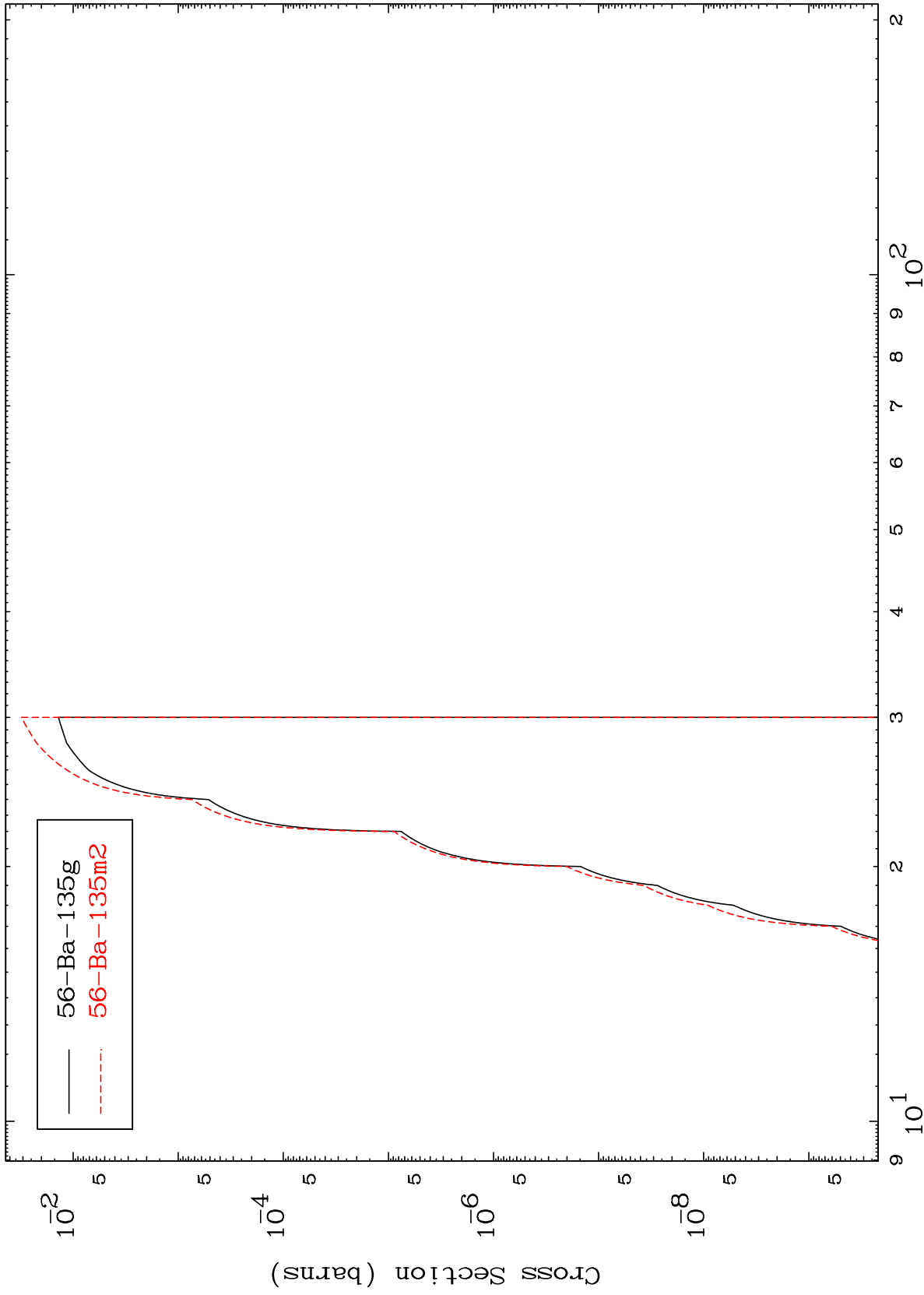
56-Ba-136

MAT 5643

(α, n') α

56-Ba-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

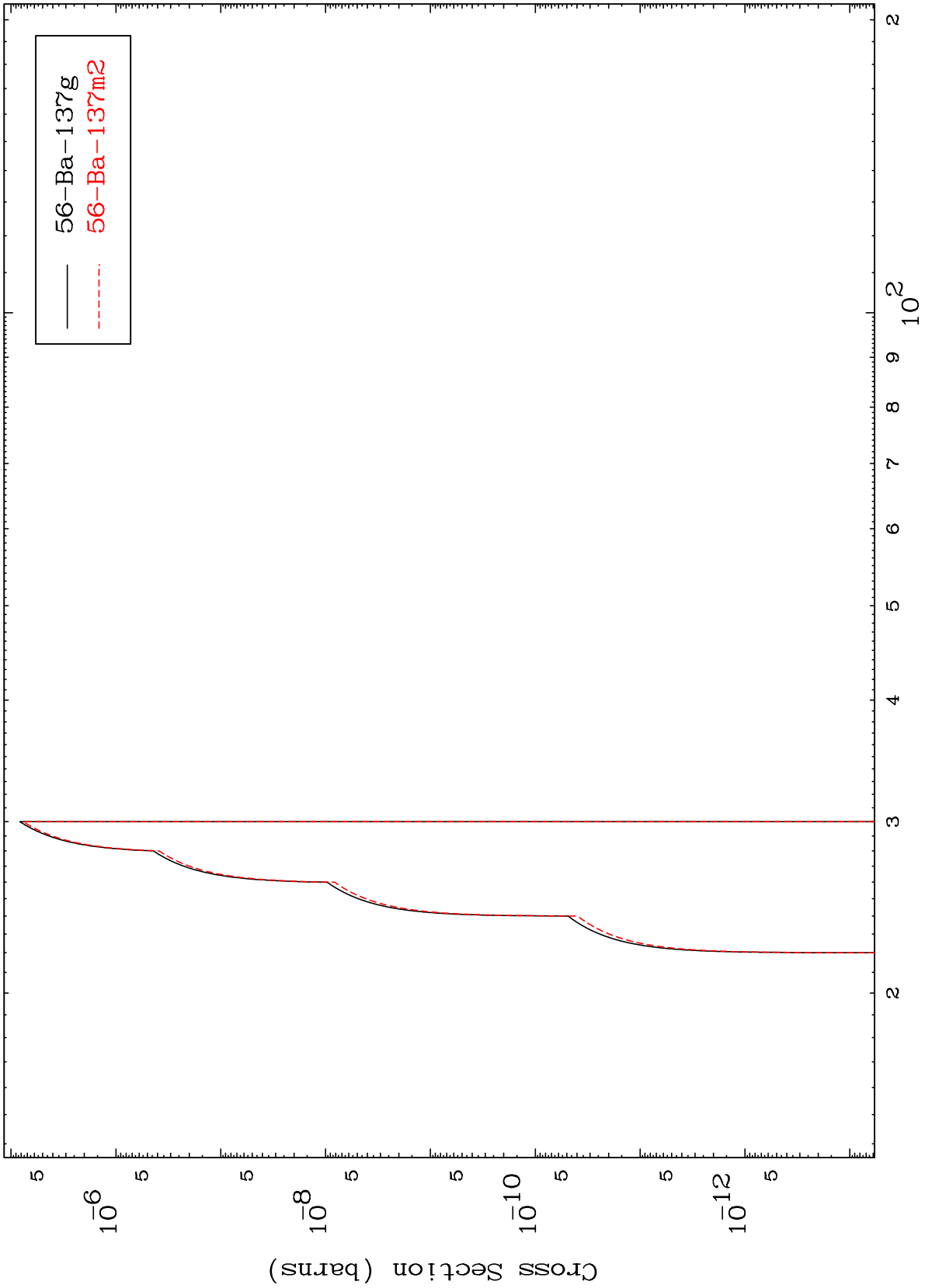
56-Ba-136

MAT 5643

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

56-Ba-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

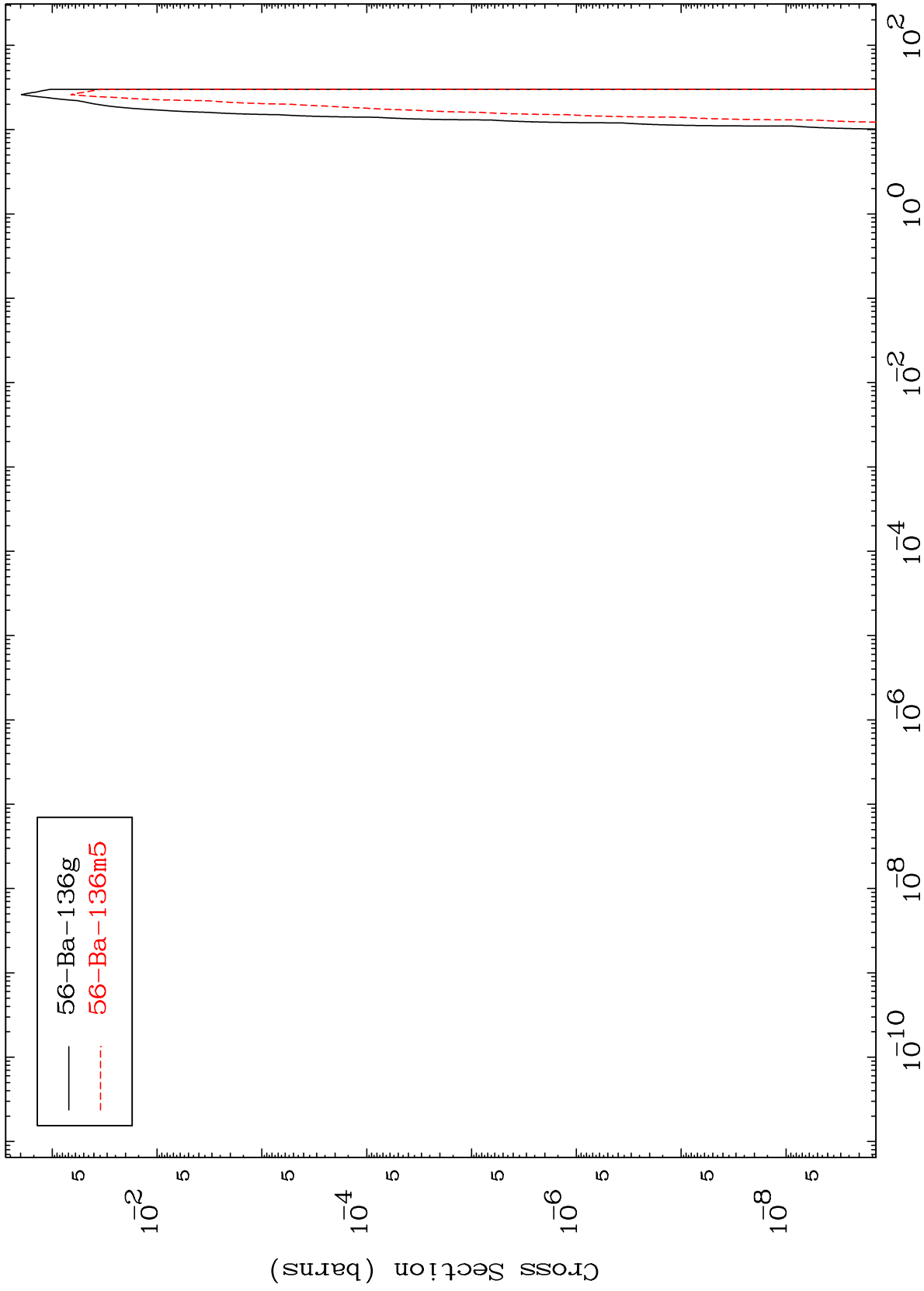
56-Ba-136

MAT 5643

(α, α)

56-Ba-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

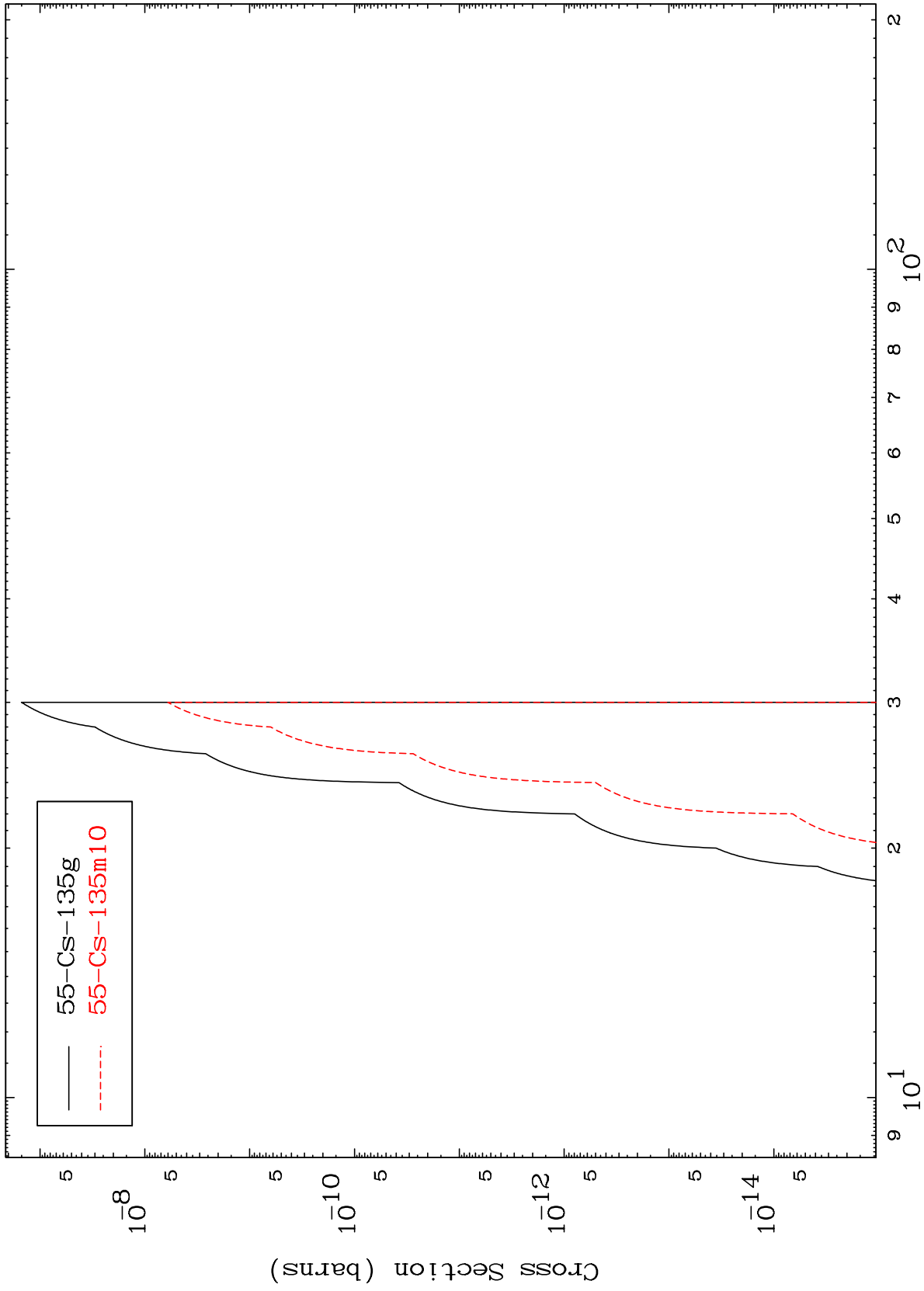
56-Ba-136

MAT 5643

(α, p) α

56-Ba-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

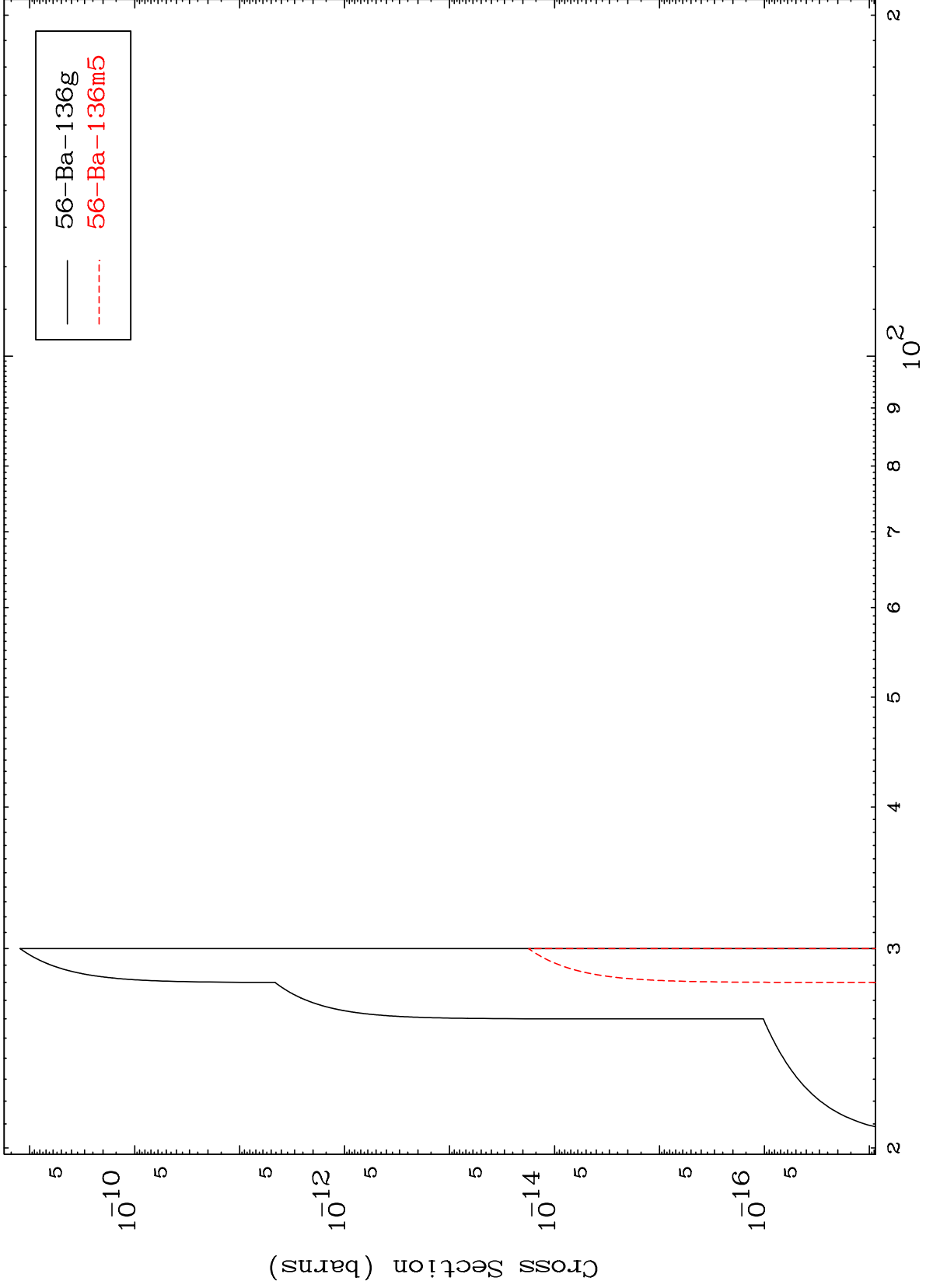
56-Ba-136

MAT 5643

(α, p) t

56-Ba-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

56-Ba-136