

Program EVALPLOT
(Version 2018-1)

by

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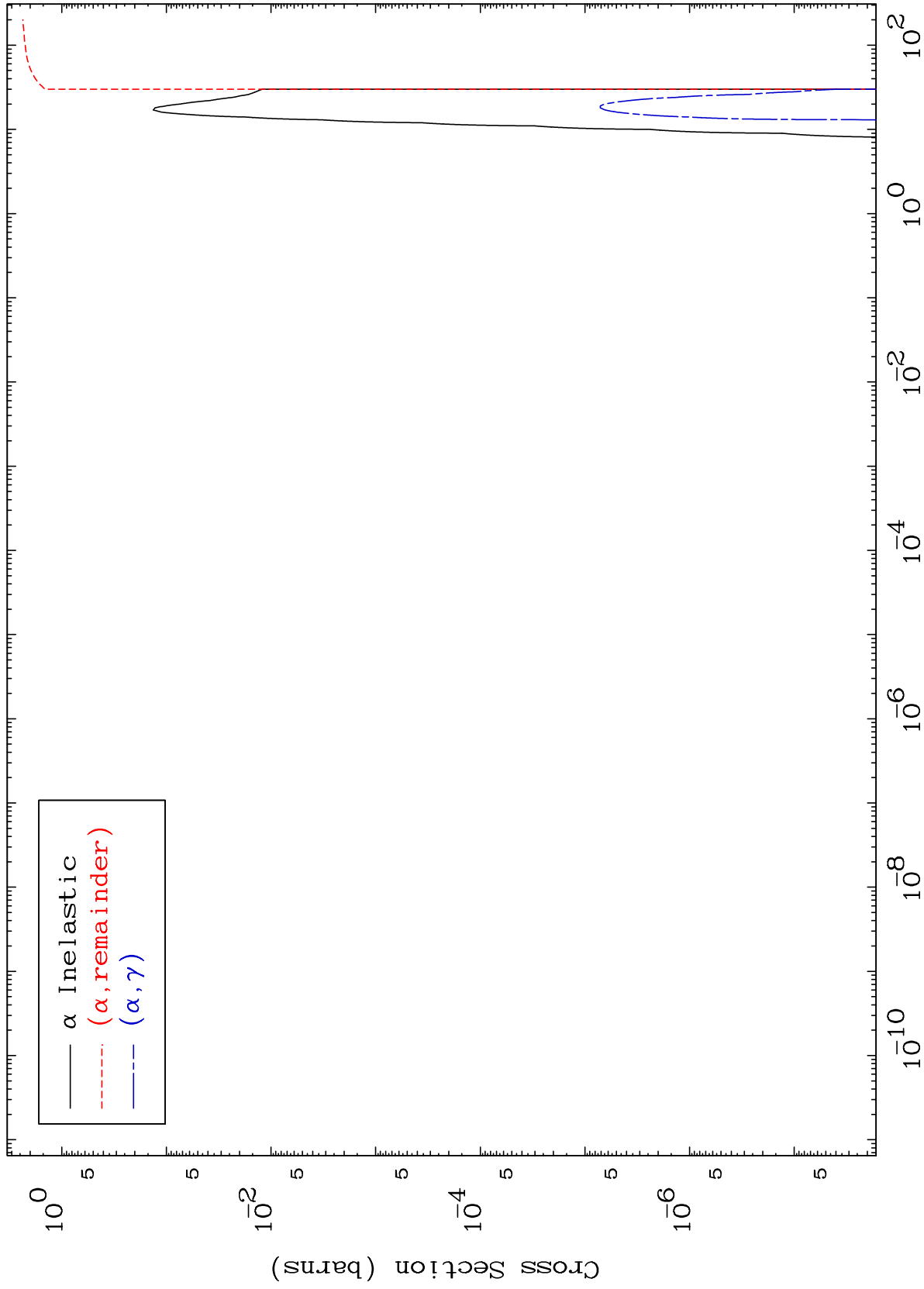
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5647

0 Kelvin α Major
Cross Sections

56-Ba-137

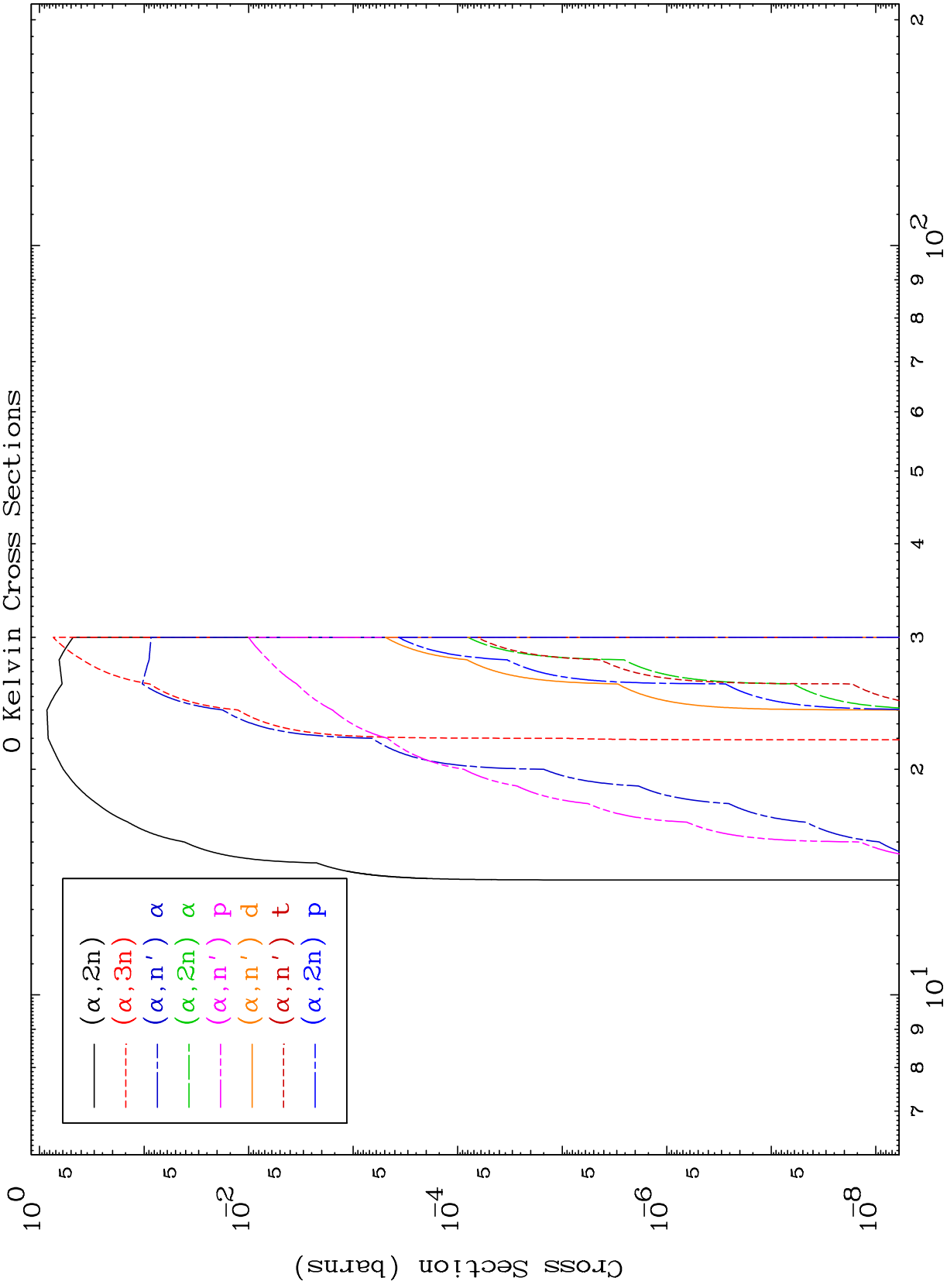


56-Ba-137

MAT 5647

α Neutron Production
0 Kelvin Cross Sections

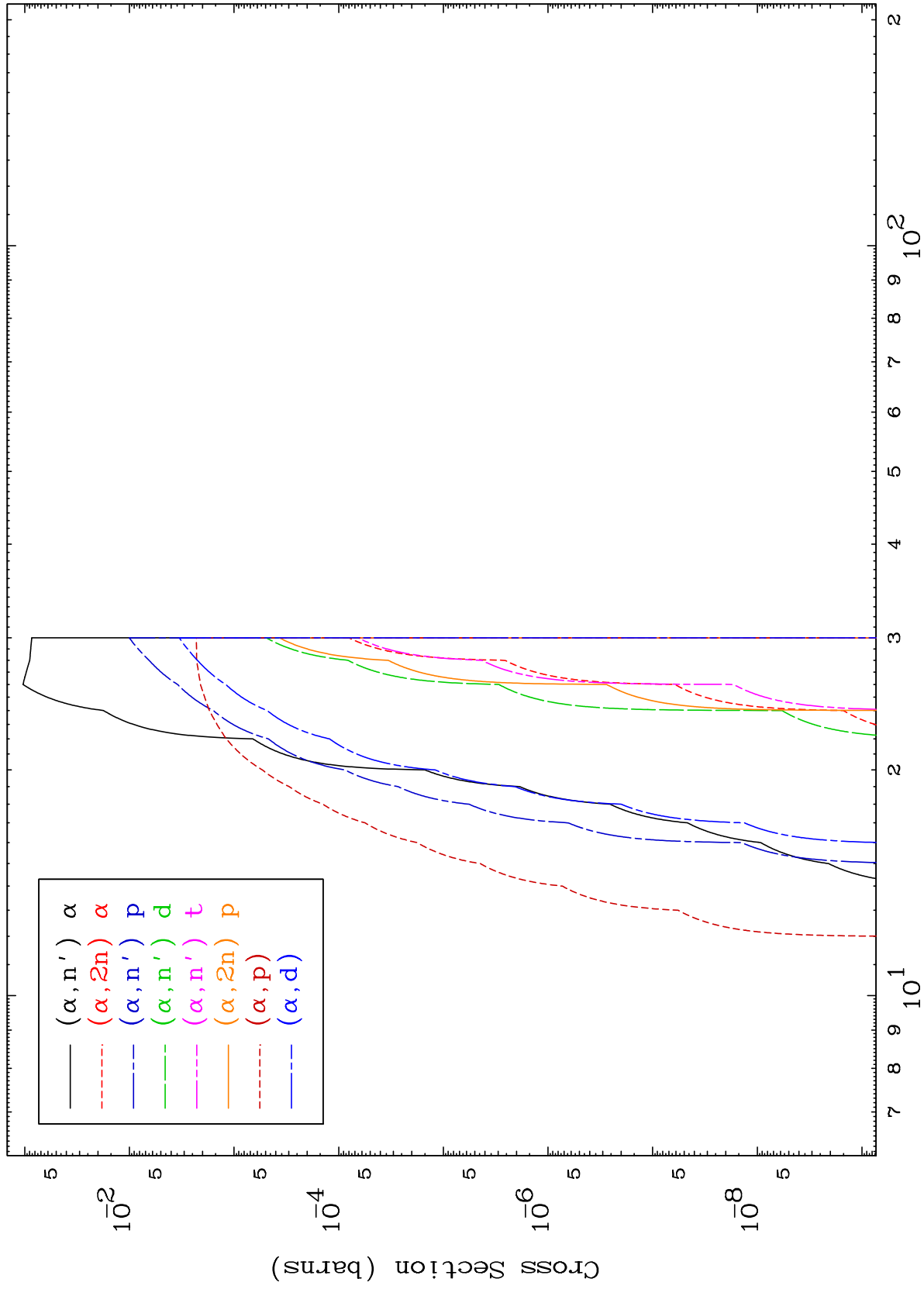
56-Ba-137



2

Incident Energy (MeV)

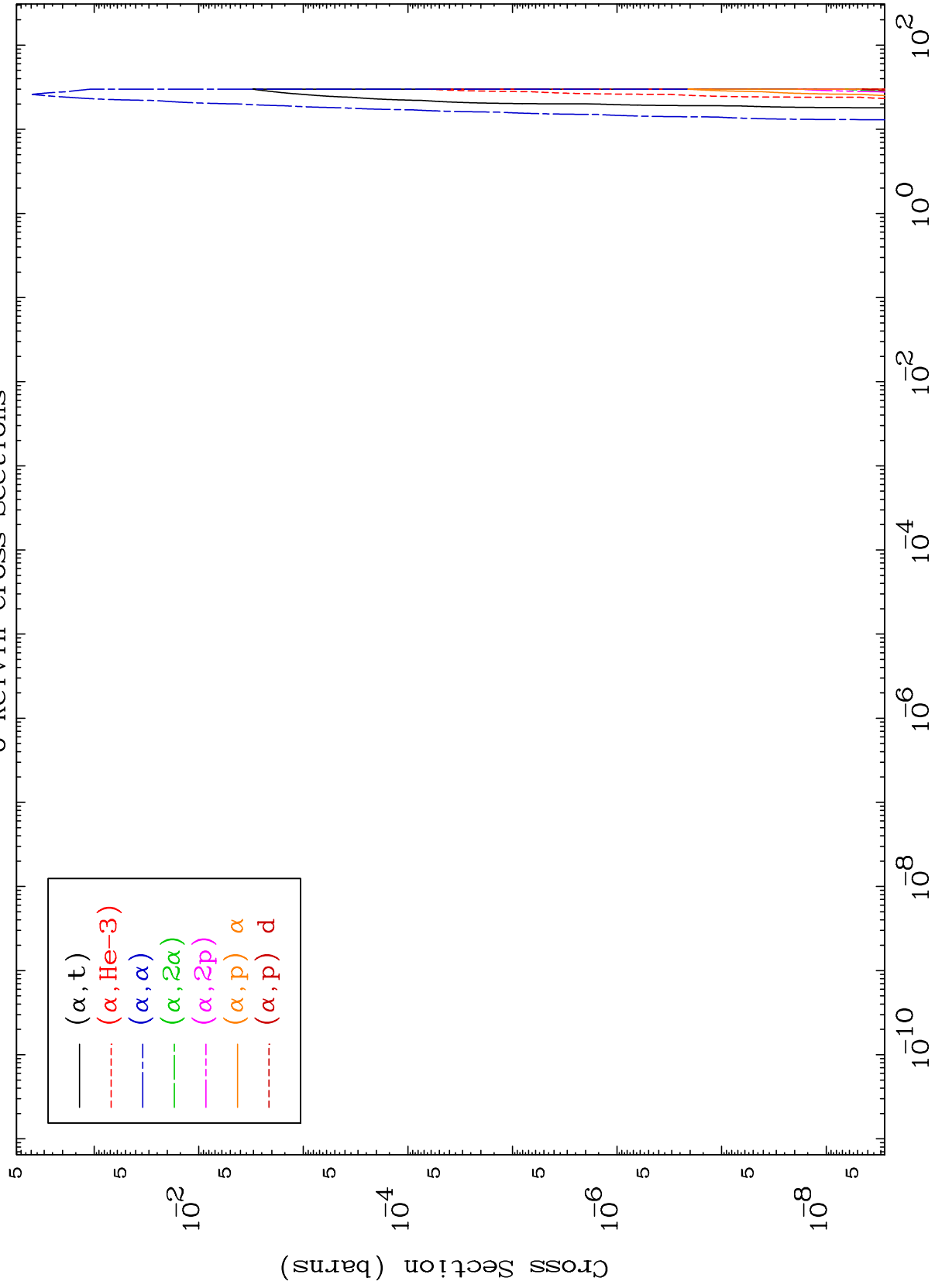
56-Ba-137



MAT 5647

α Charged Particle
0 Kelvin Cross Sections

56-Ba-137

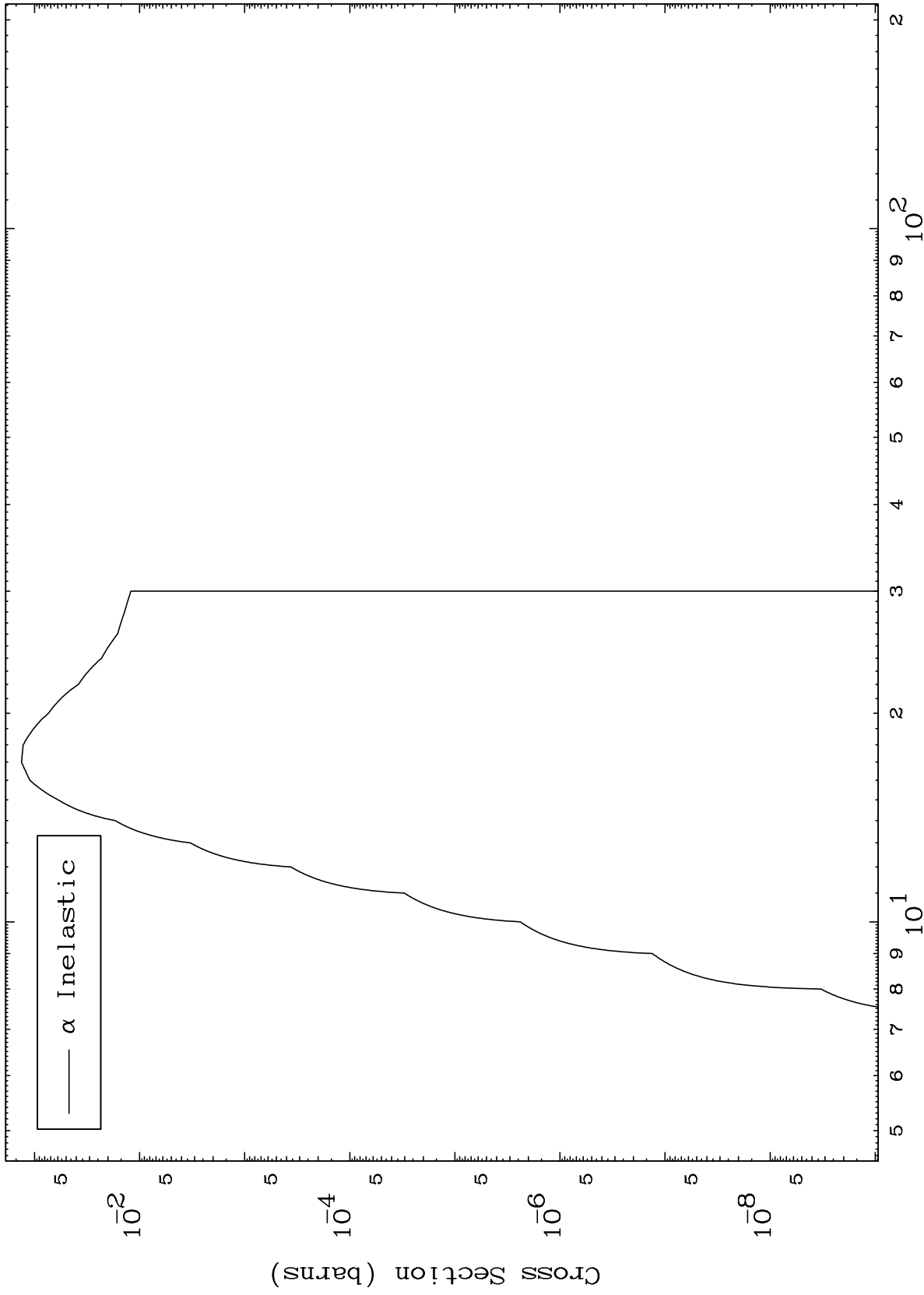


56-Ba-137

MAT 5647

(α, n') Level
0 Kelvin Cross Sections

56-Ba-137



5

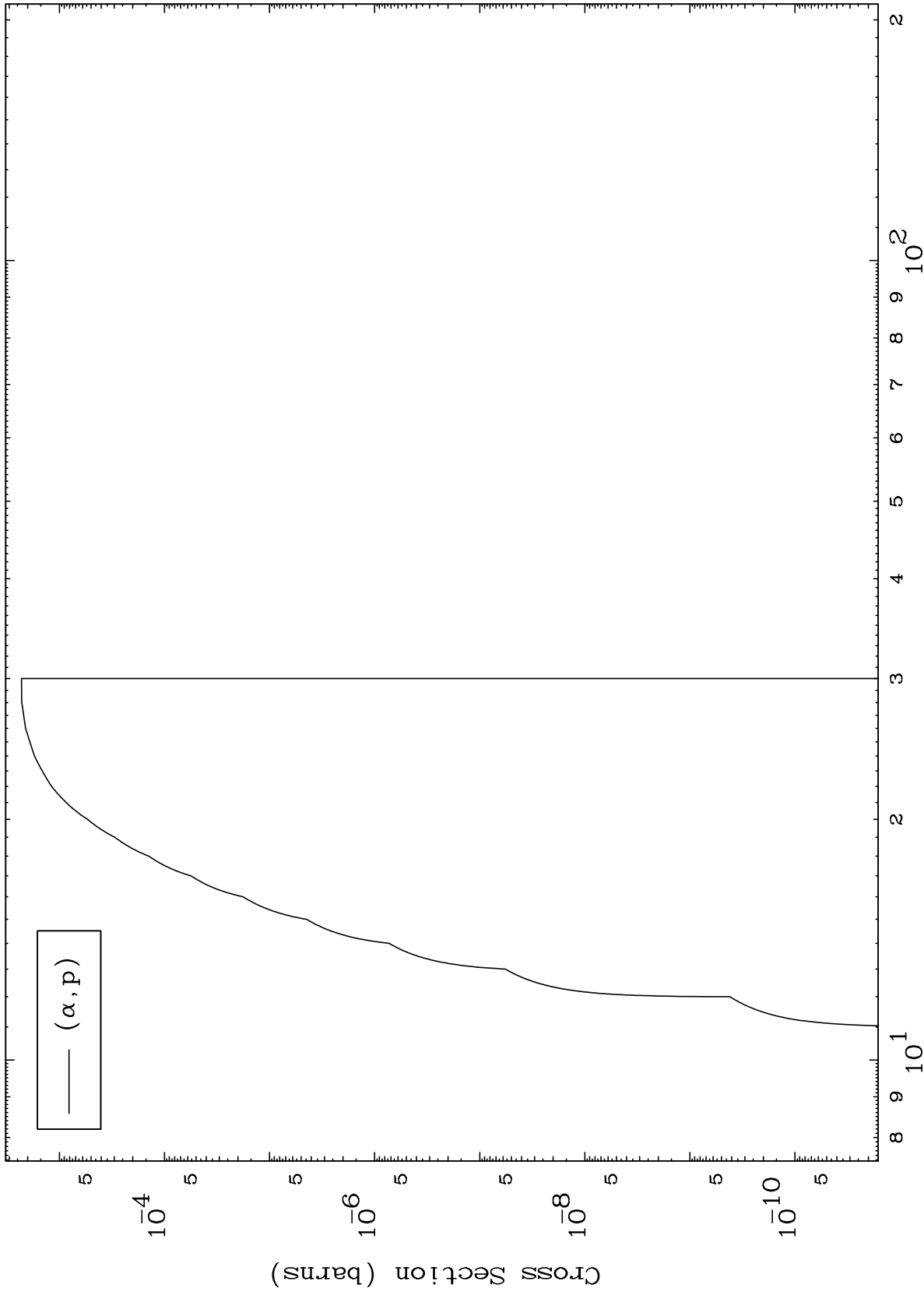
Incident Energy (MeV)

56-Ba-137

MAT 5647

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-137



6

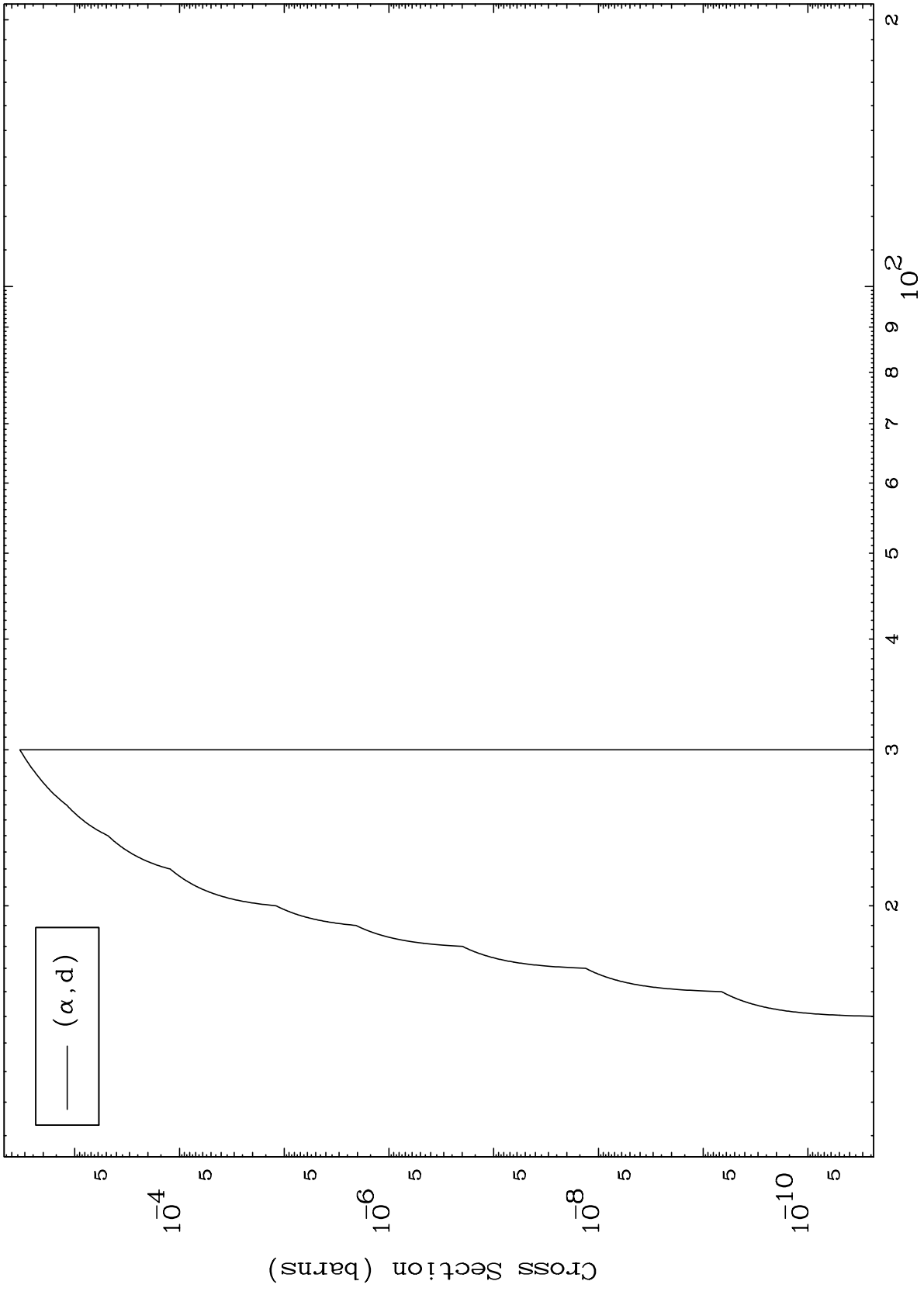
Incident Energy (MeV)

56-Ba-137

MAT 5647

(α, d) Levels
0 Kelvin Cross Sections

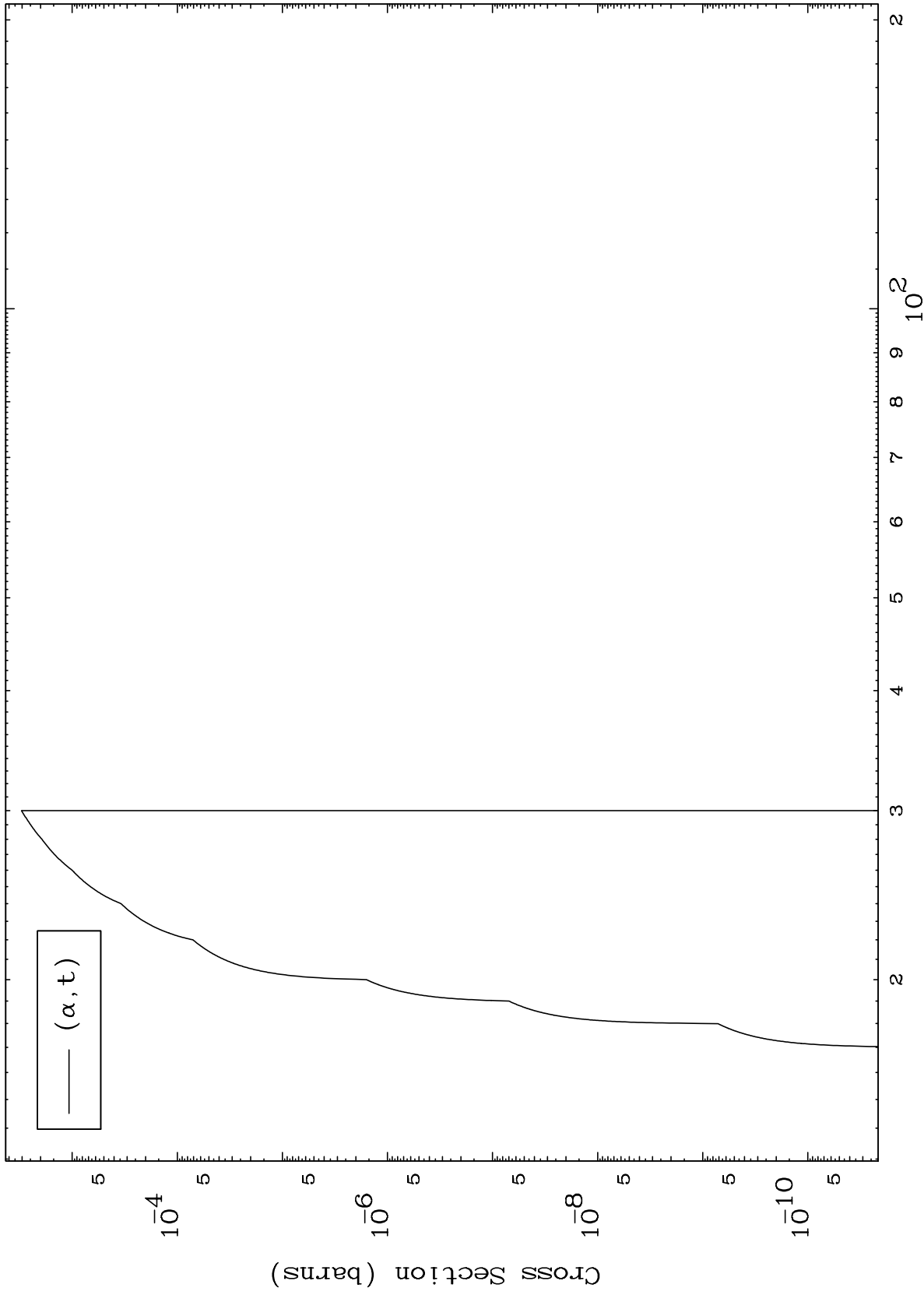
56-Ba-137

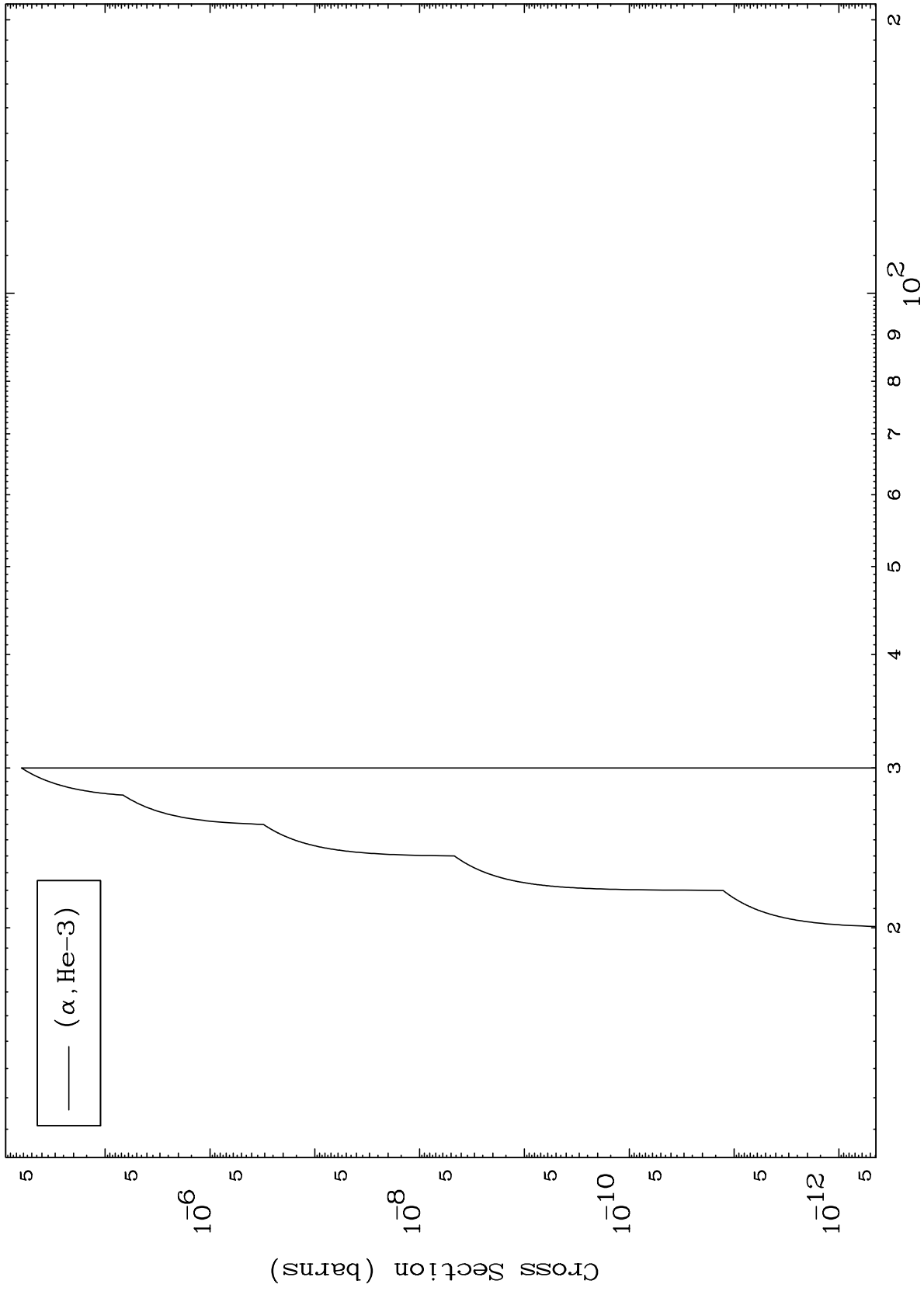


7

Incident Energy (MeV)

56-Ba-137

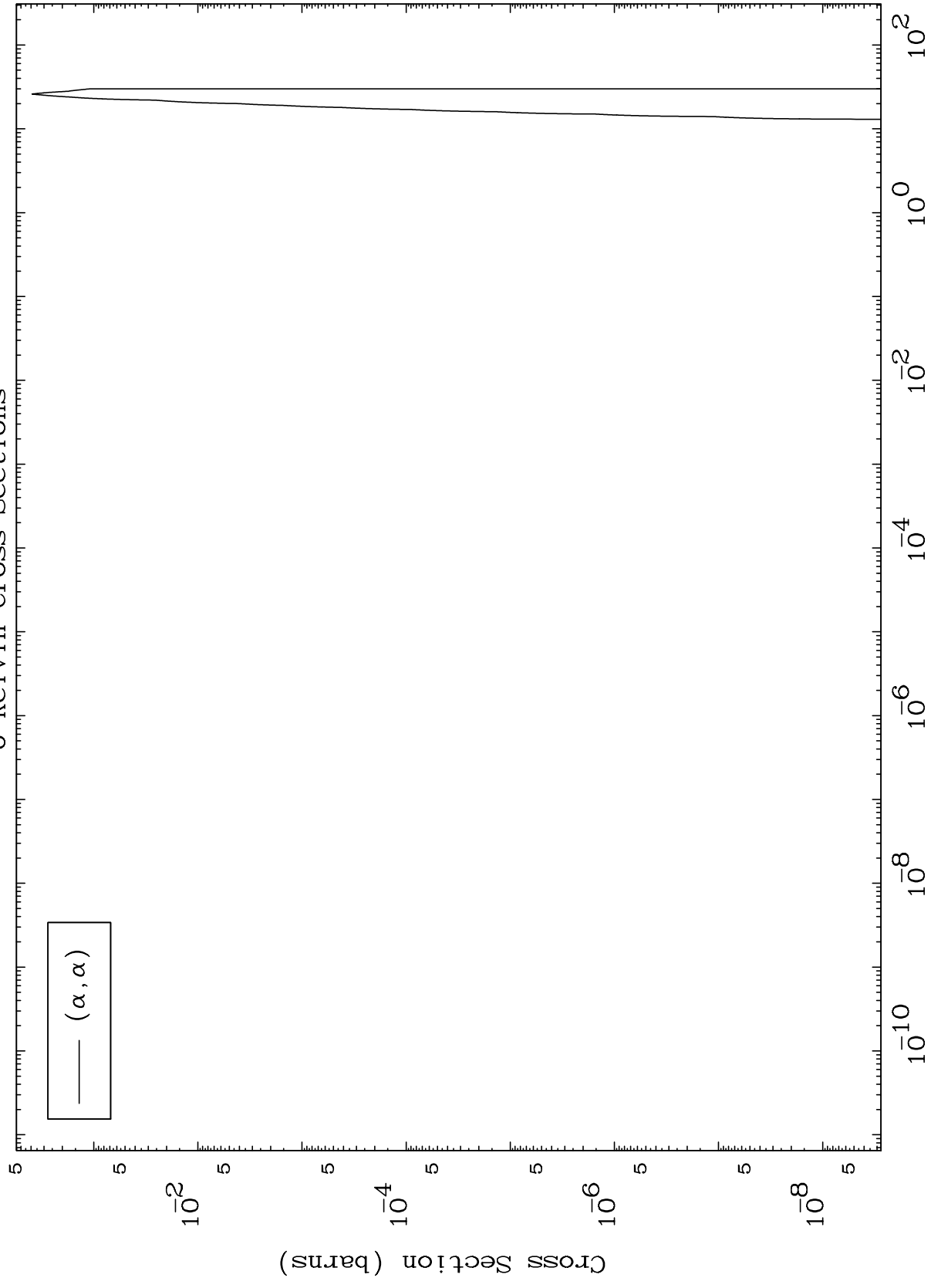




MAT 5647

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-137



10

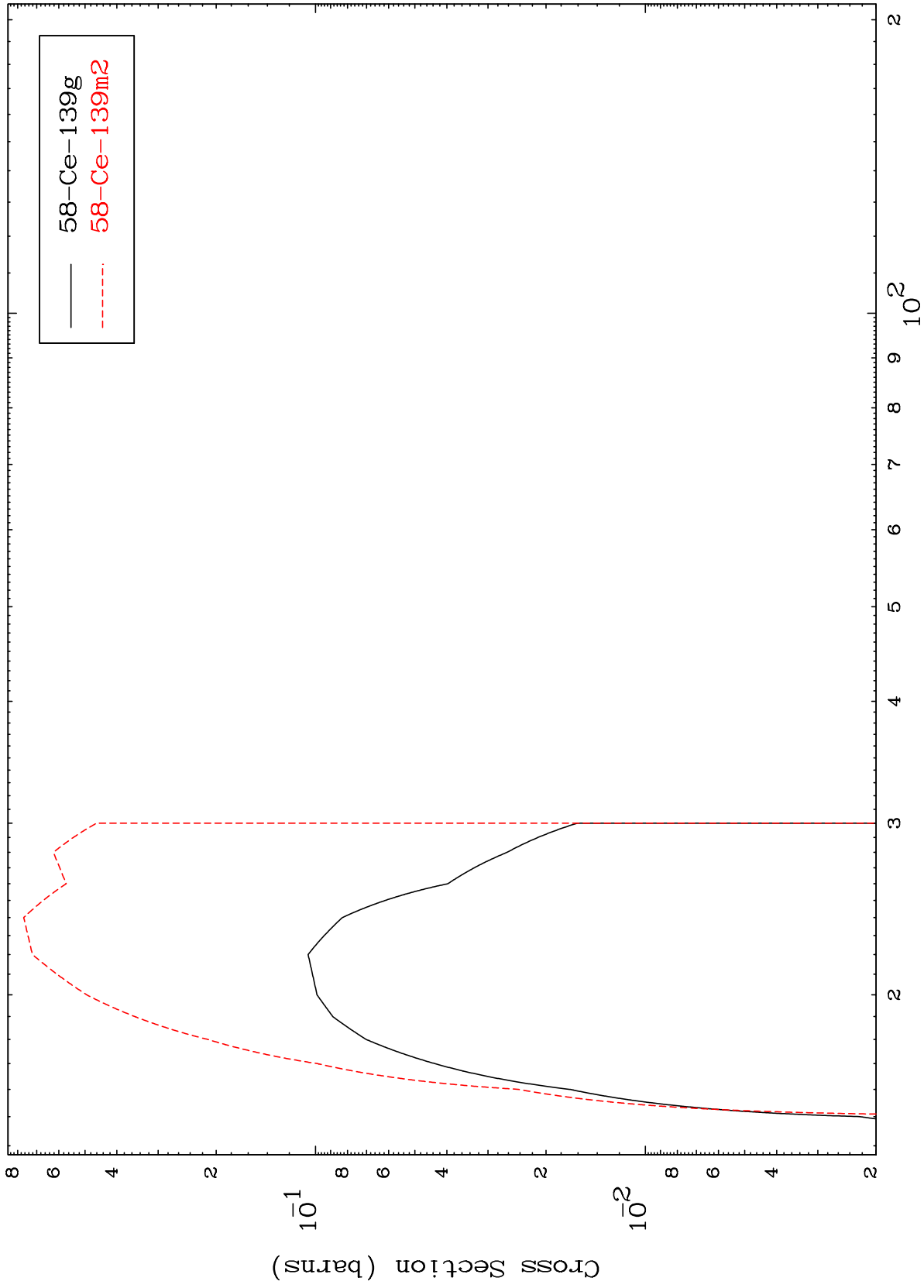
Incident Energy (MeV)

56-Ba-137

MAT 5647

56-Ba-137

($\alpha, 2n$)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

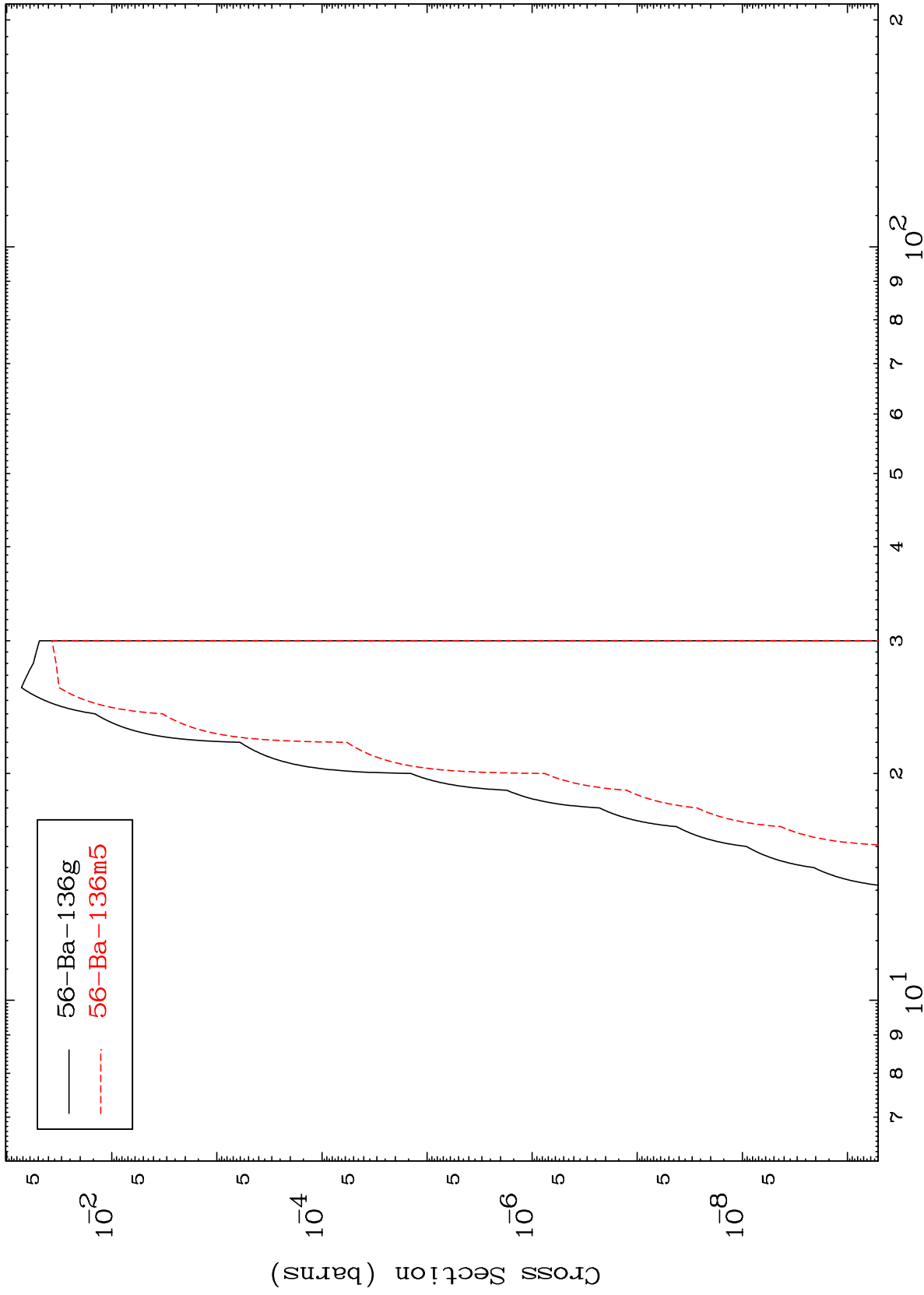
56-Ba-137

MAT 5647

(α, n') α

56-Ba-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

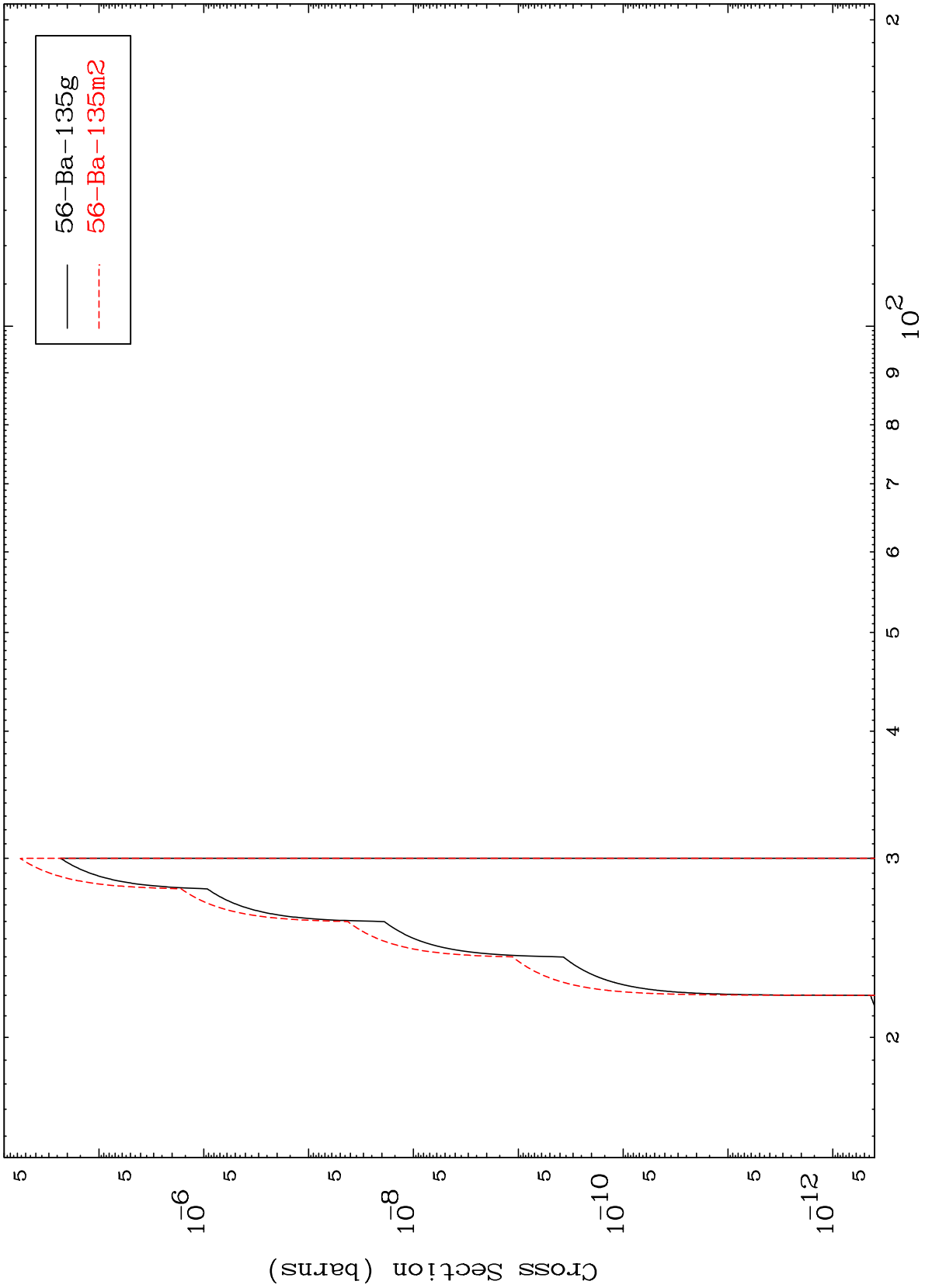
56-Ba-137

MAT 5647

$(\alpha, 2n) \alpha$

56-Ba-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

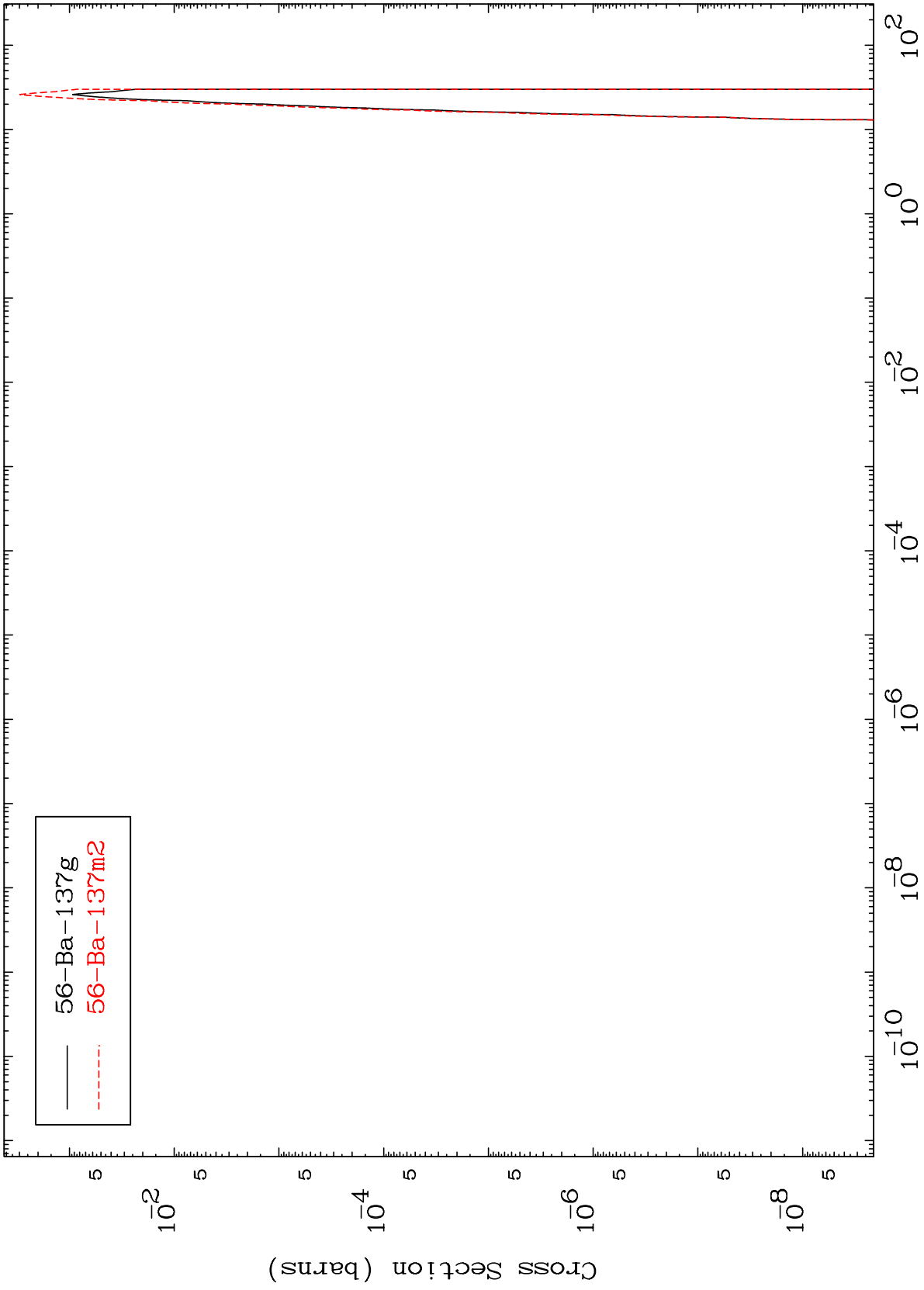
56-Ba-137

MAT 5647

(α, α)

56-Ba-137

Radionuclide Production Cross Section



14

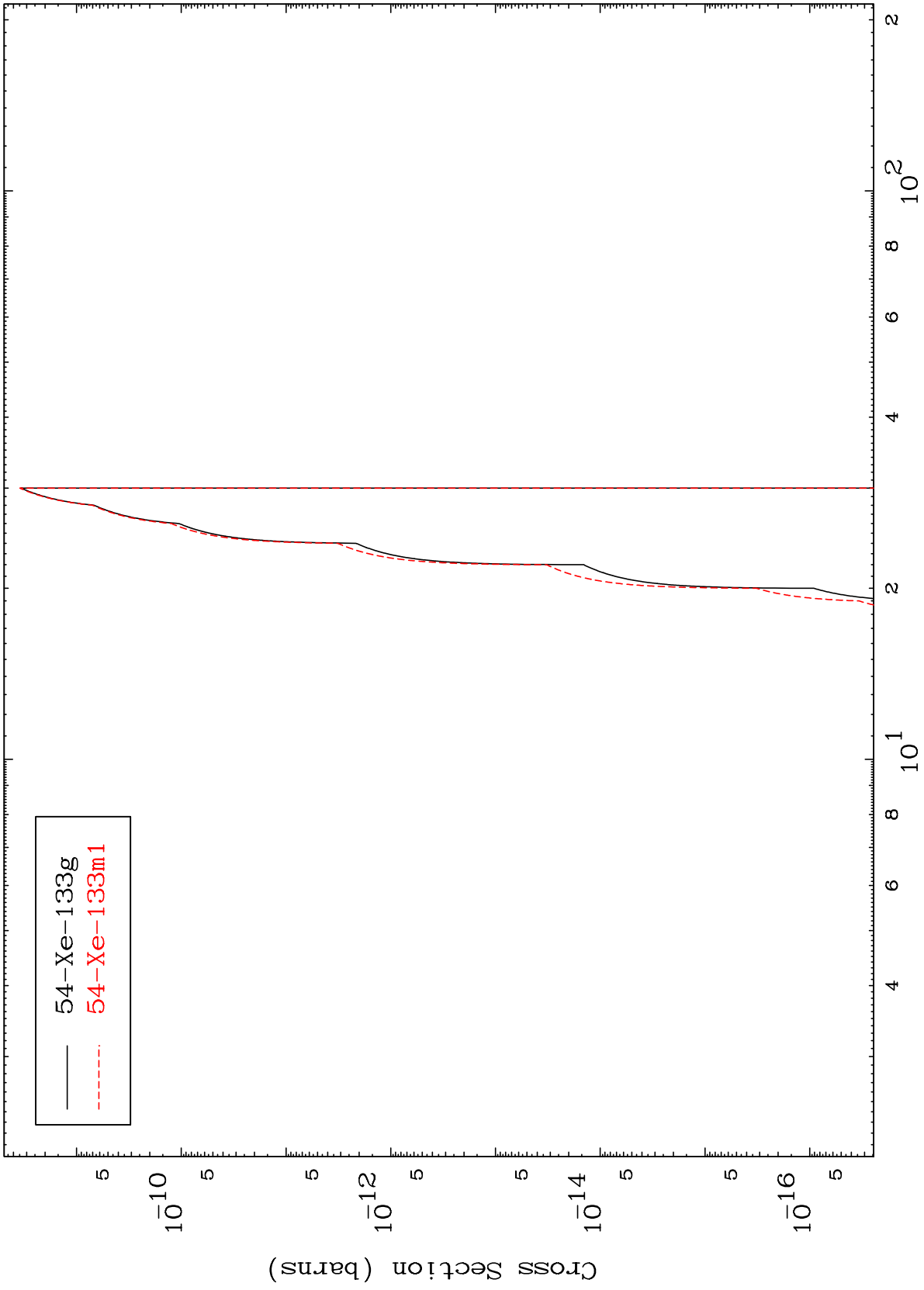
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section
($\alpha, 2\alpha$)



54-Xe-133g
54-Xe-133m1

15

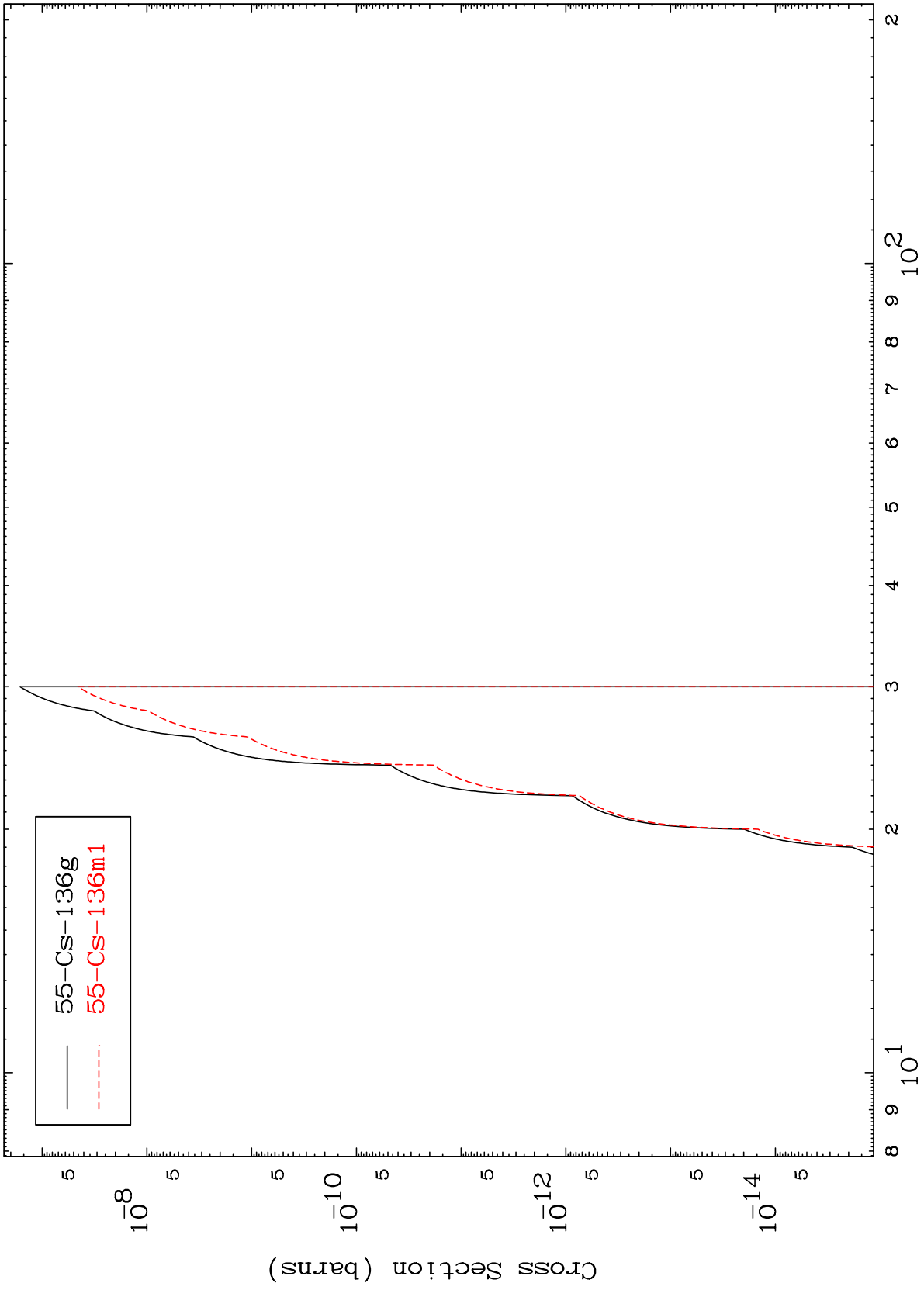
56-Ba-137

MAT 5647

(α, p) α

56-Ba-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

56-Ba-137