

Program EVALPLOT
(Version 2018-1)

by

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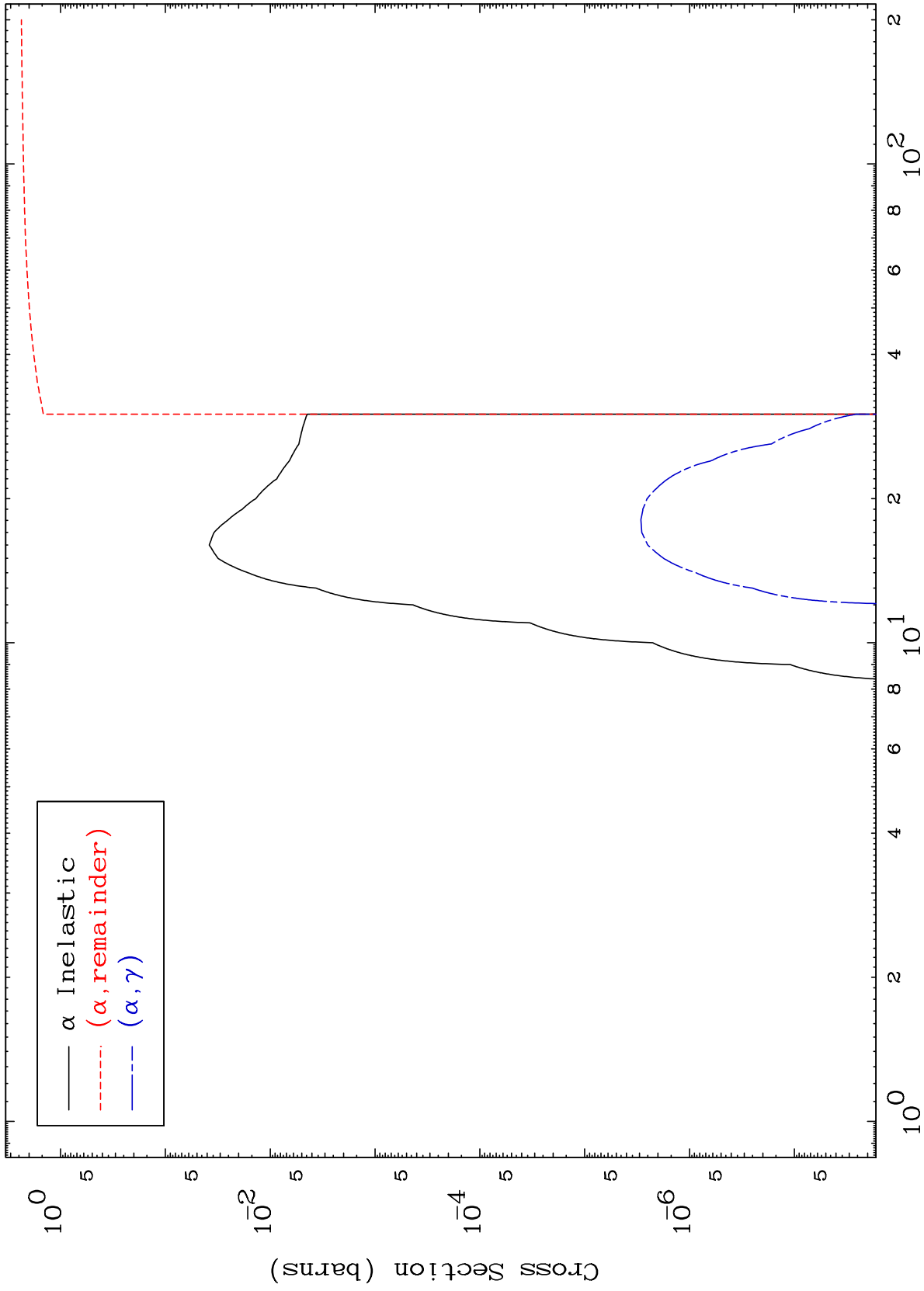
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5652

0 Kelvin α Major
Cross Sections

56-Ba-139



1

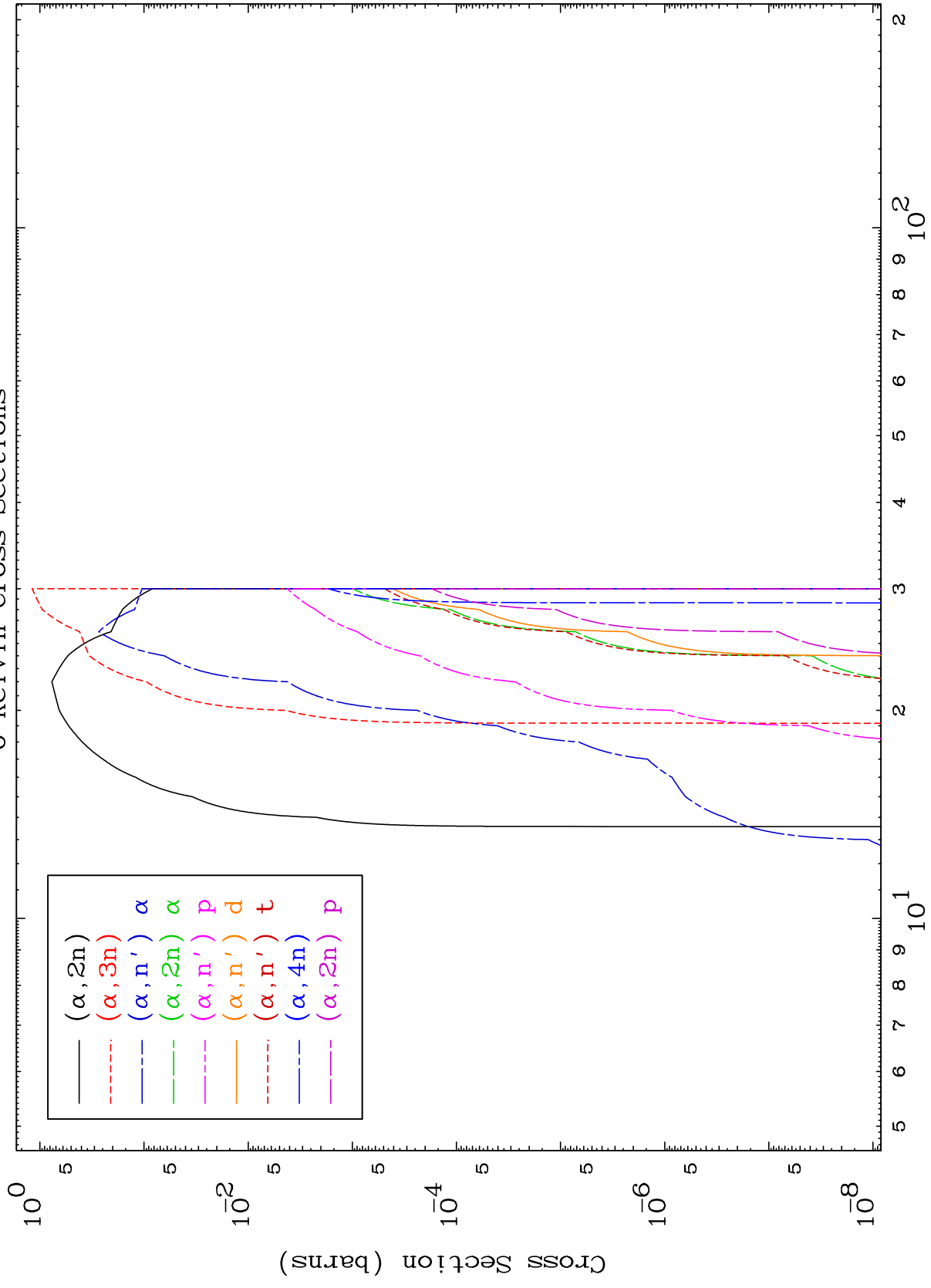
Incident Energy (MeV)

56-Ba-139

MAT 5652

α Neutron Production
0 Kelvin Cross Sections

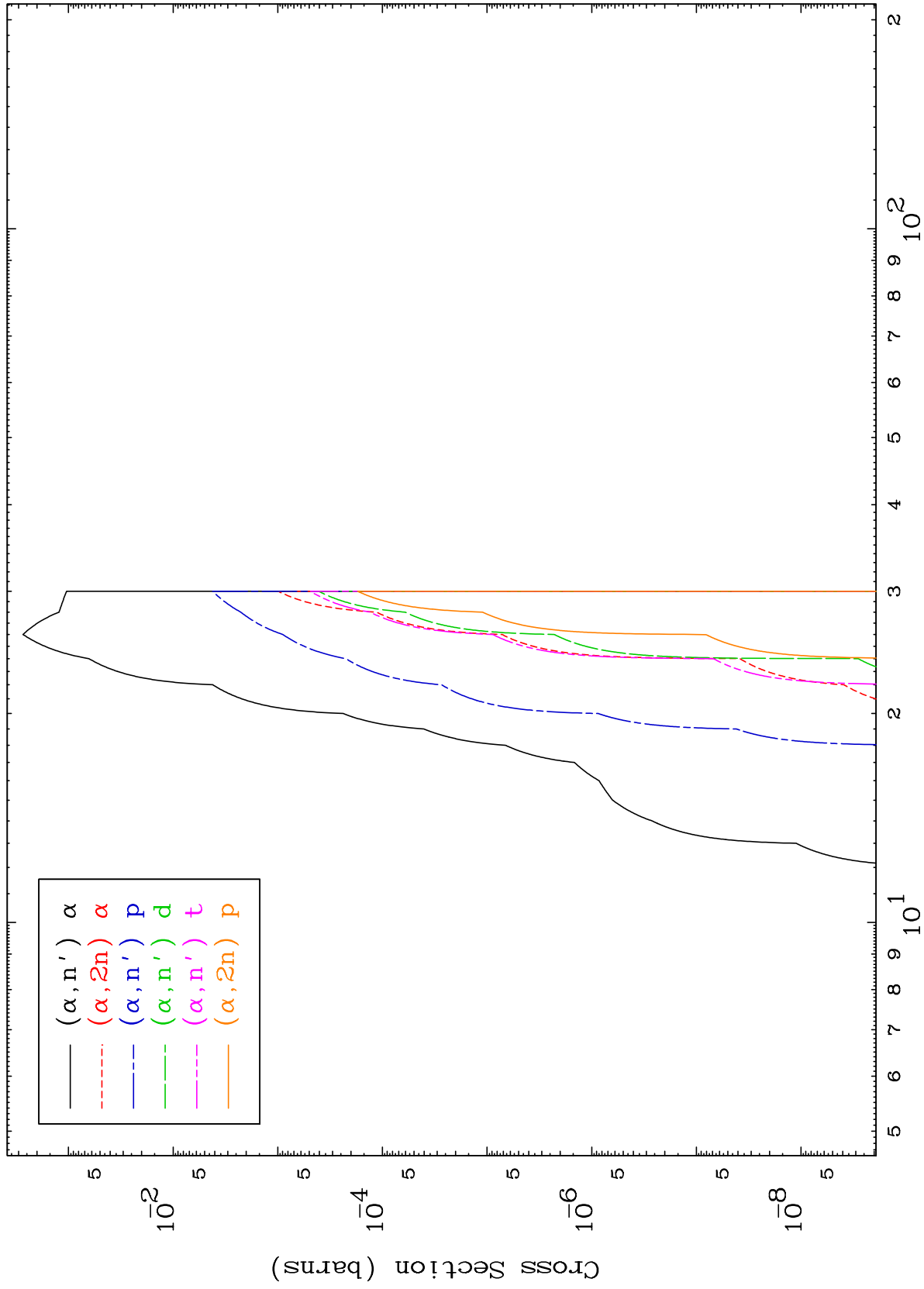
56-Ba-139

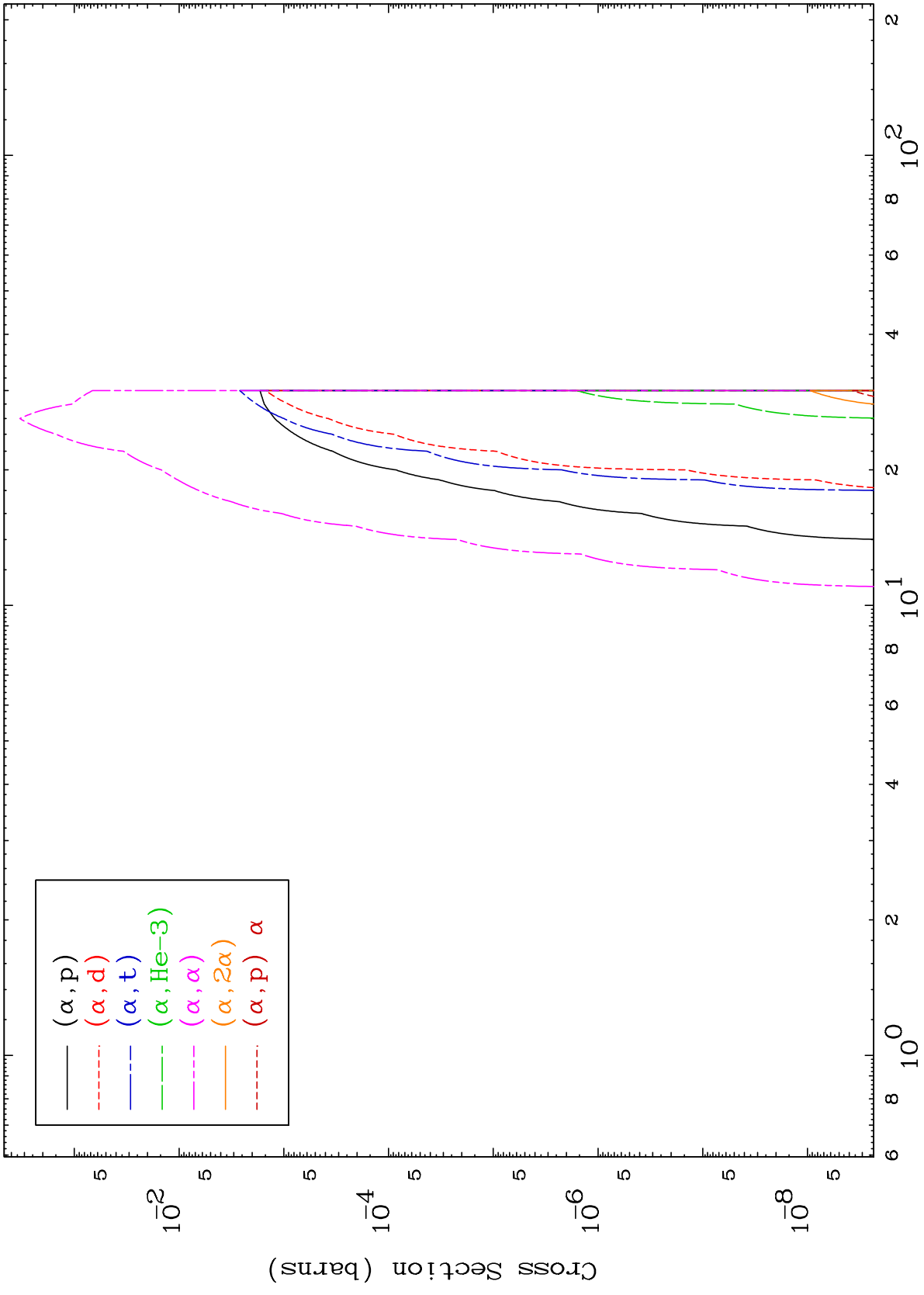


2

Incident Energy (MeV)

56-Ba-139

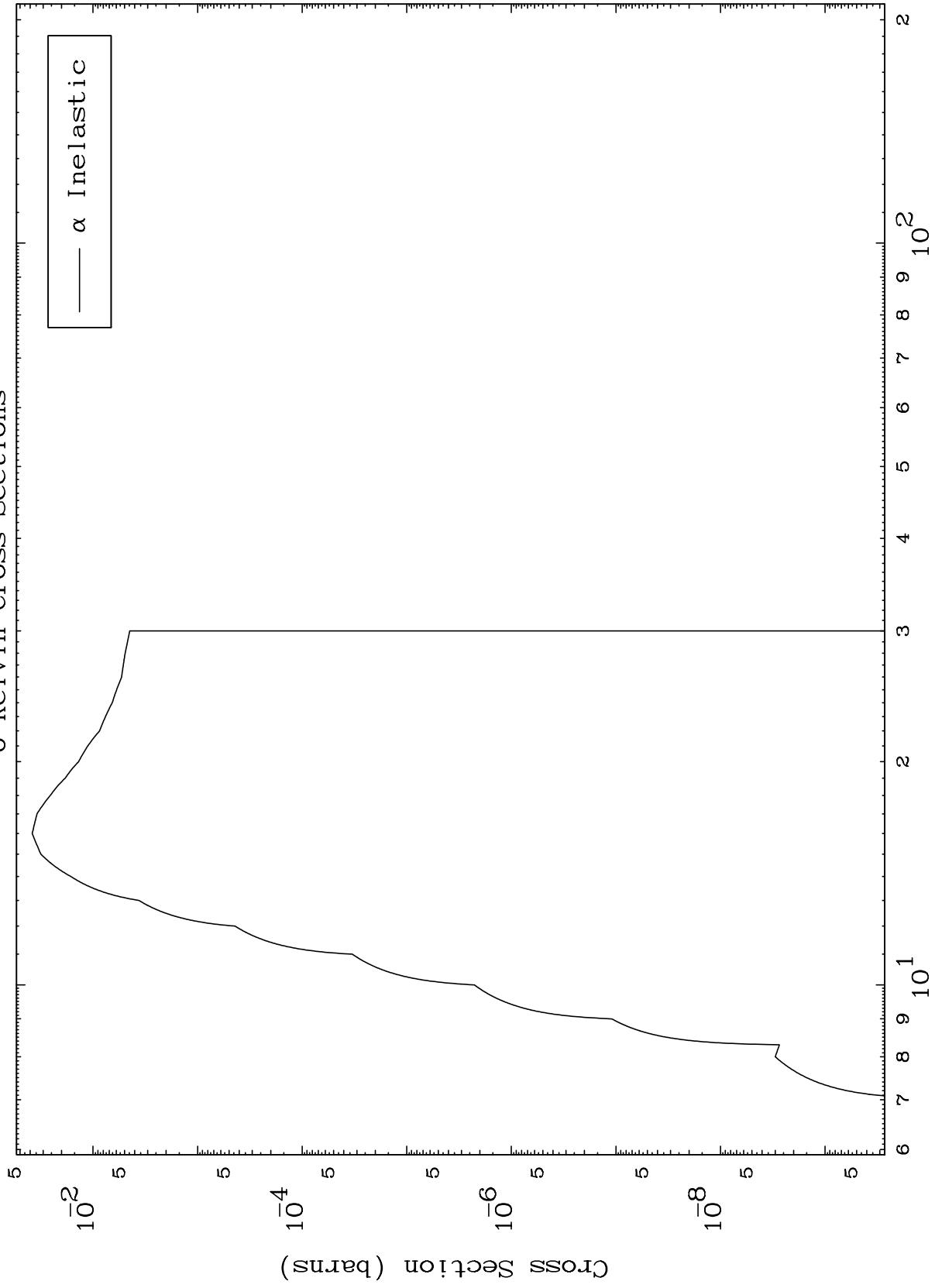




MAT 5652

(α, n') Level
0 Kelvin Cross Sections

56-Ba-139



5

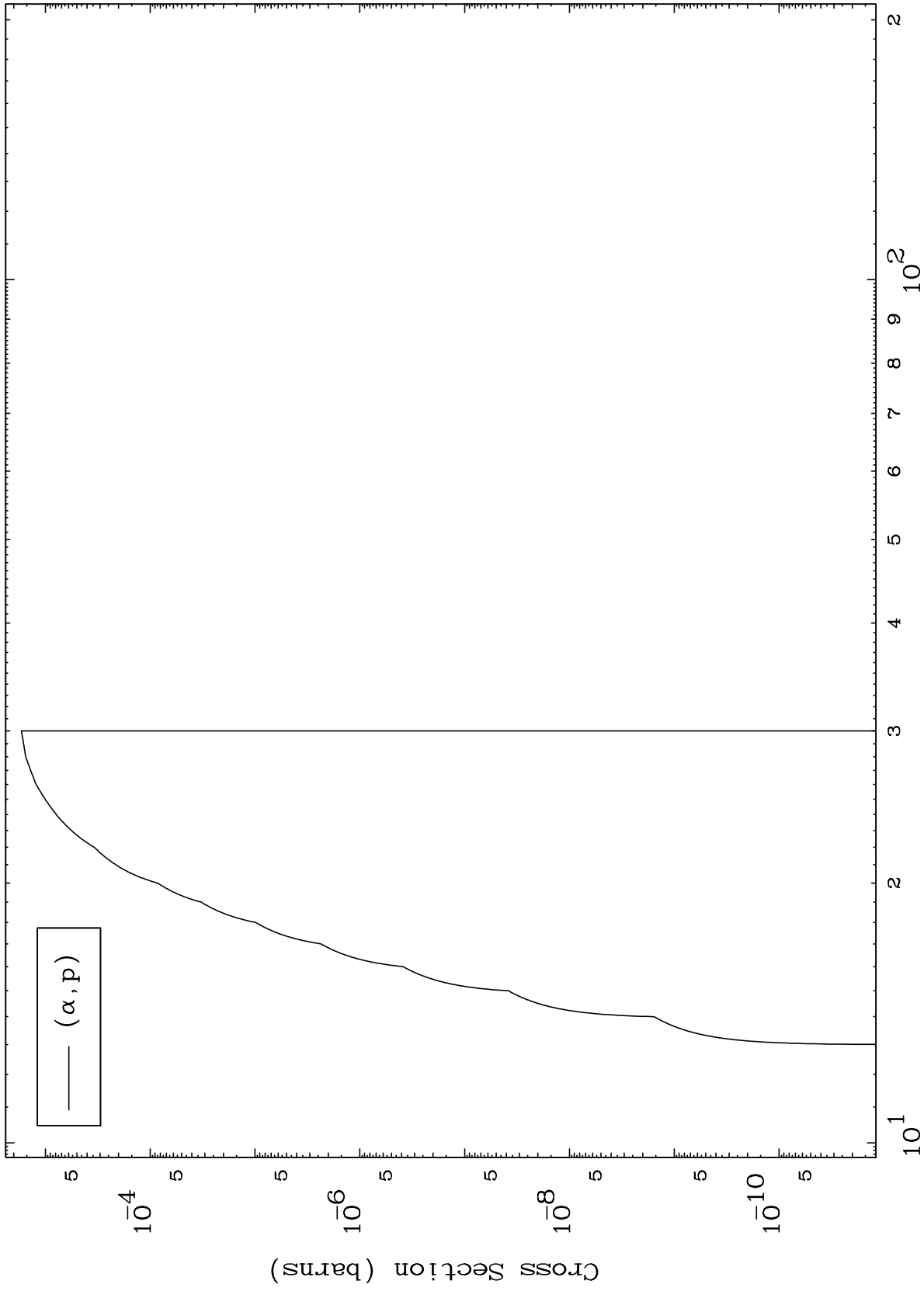
Incident Energy (MeV)

56-Ba-139

MAT 5652

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-139



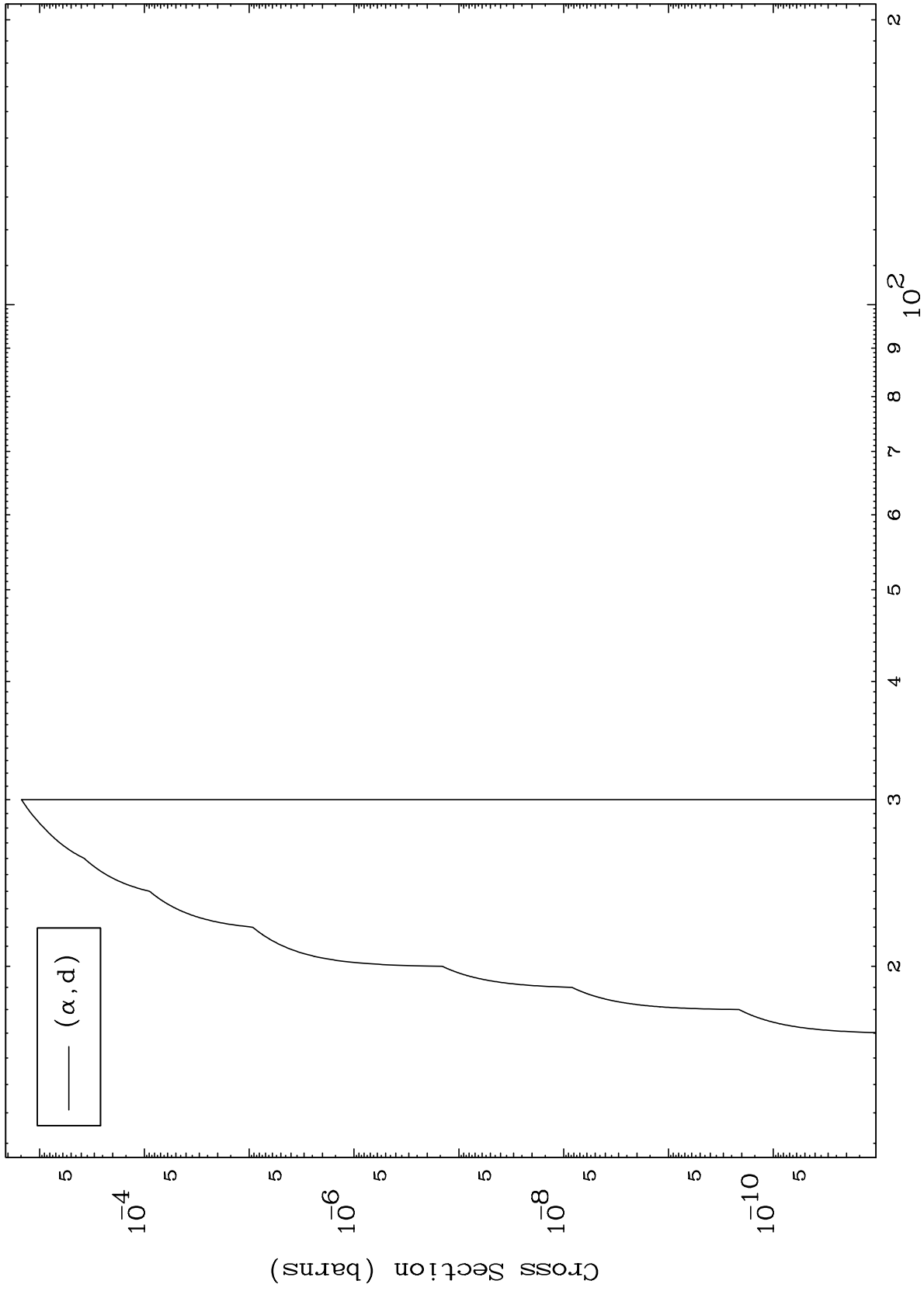
Incident Energy (MeV)

56-Ba-139

MAT 5652

(α, d) Levels
0 Kelvin Cross Sections

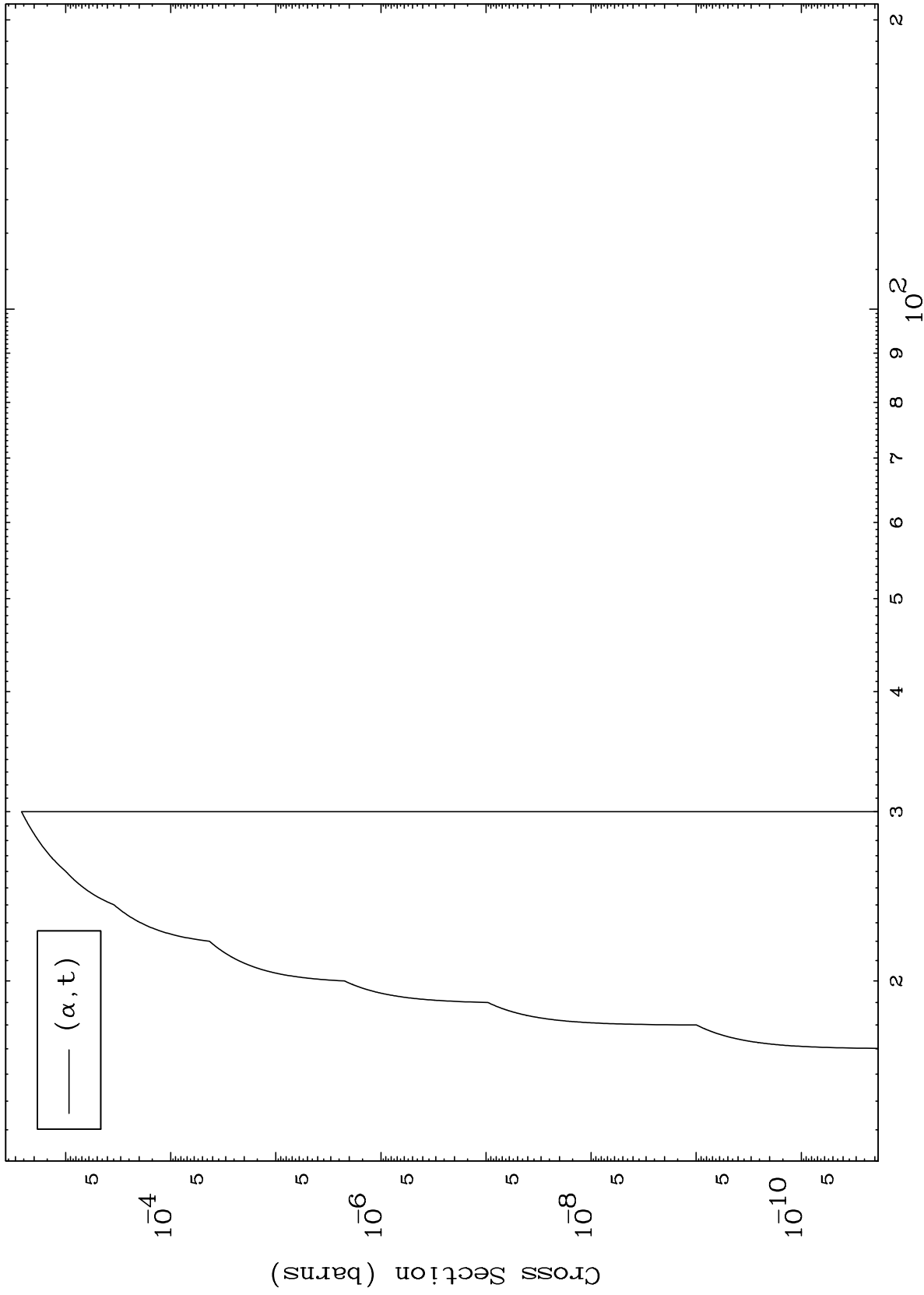
56-Ba-139

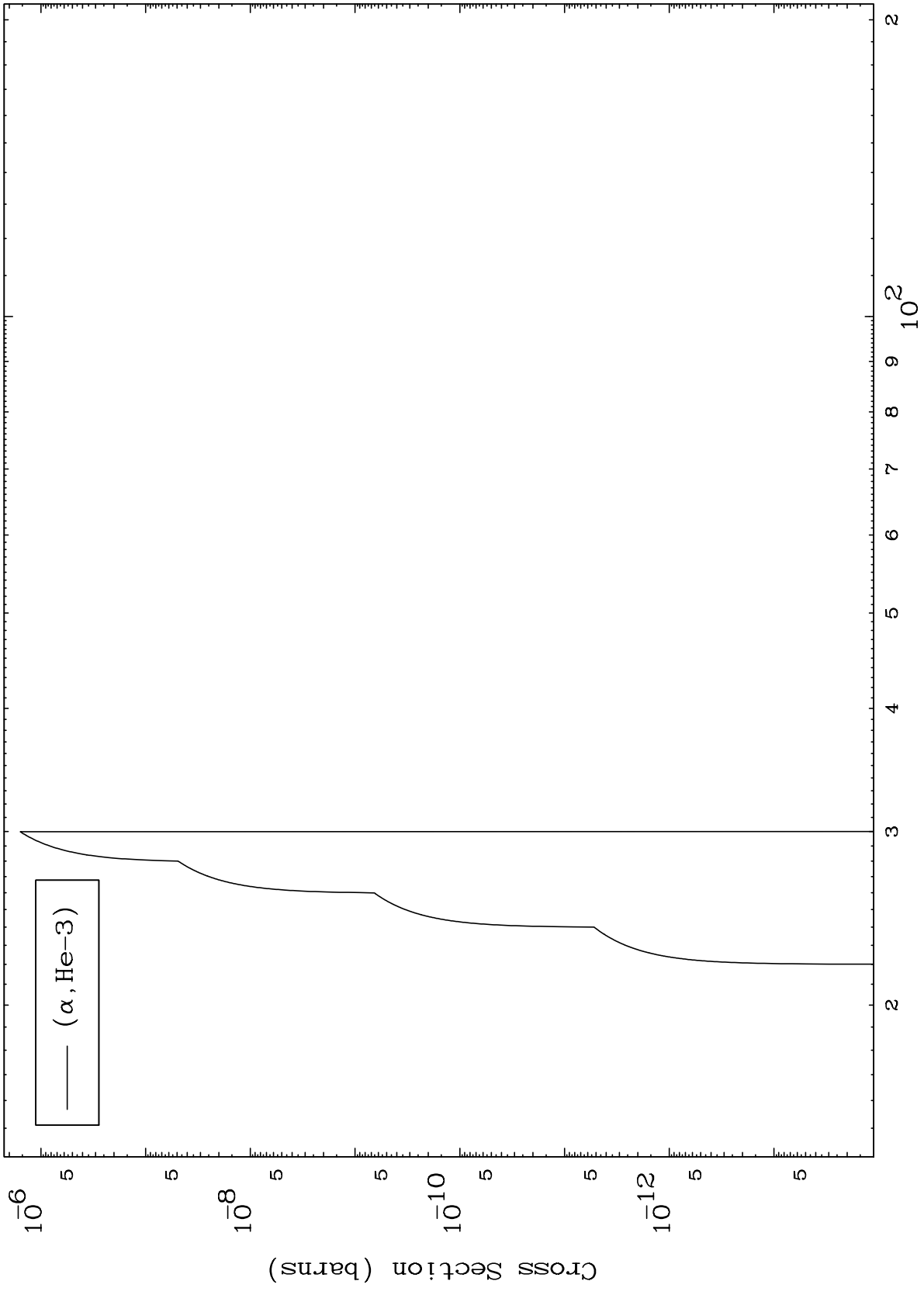


7

Incident Energy (MeV)

56-Ba-139

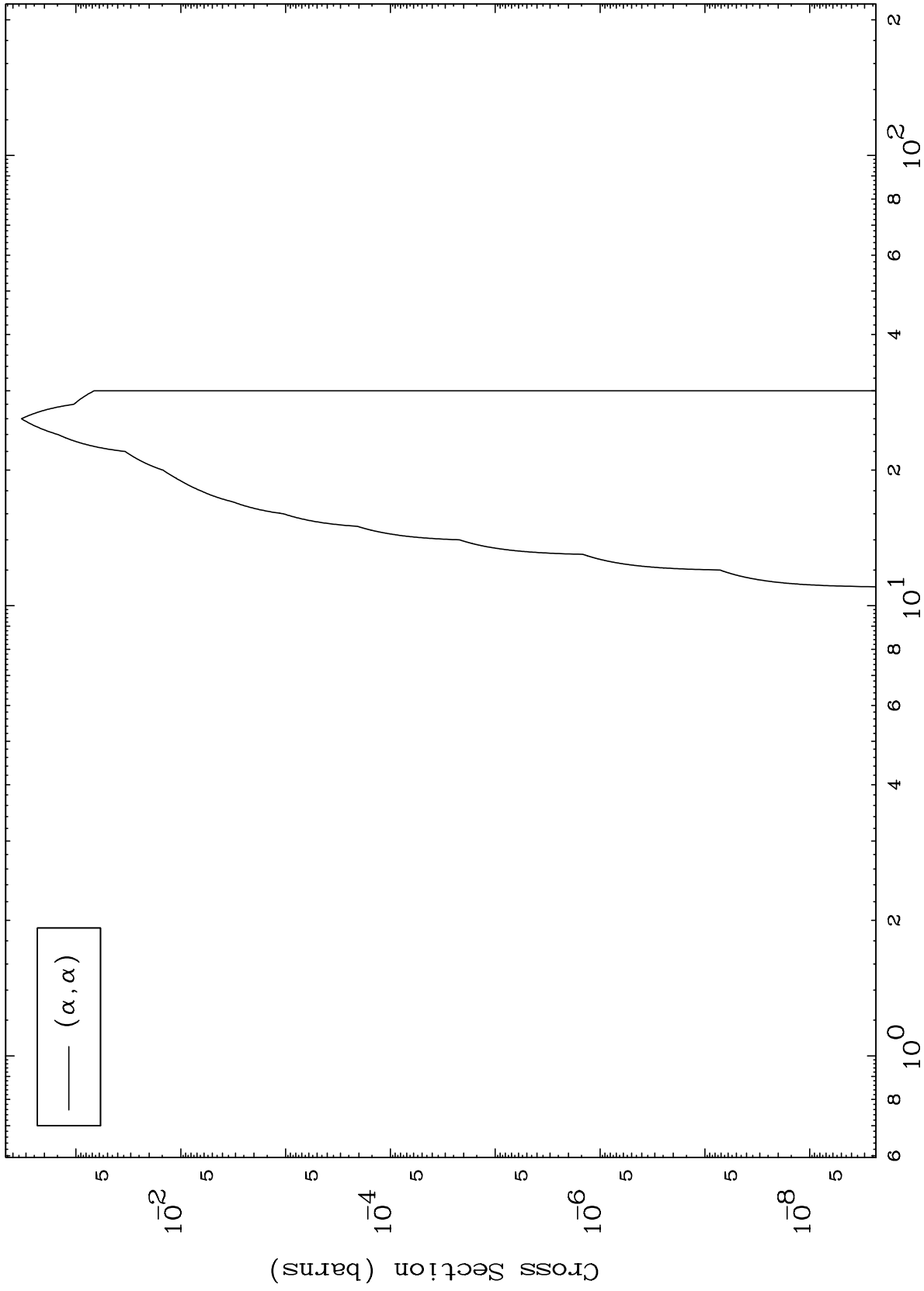




MAT 5652

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-139



10

Incident Energy (MeV)

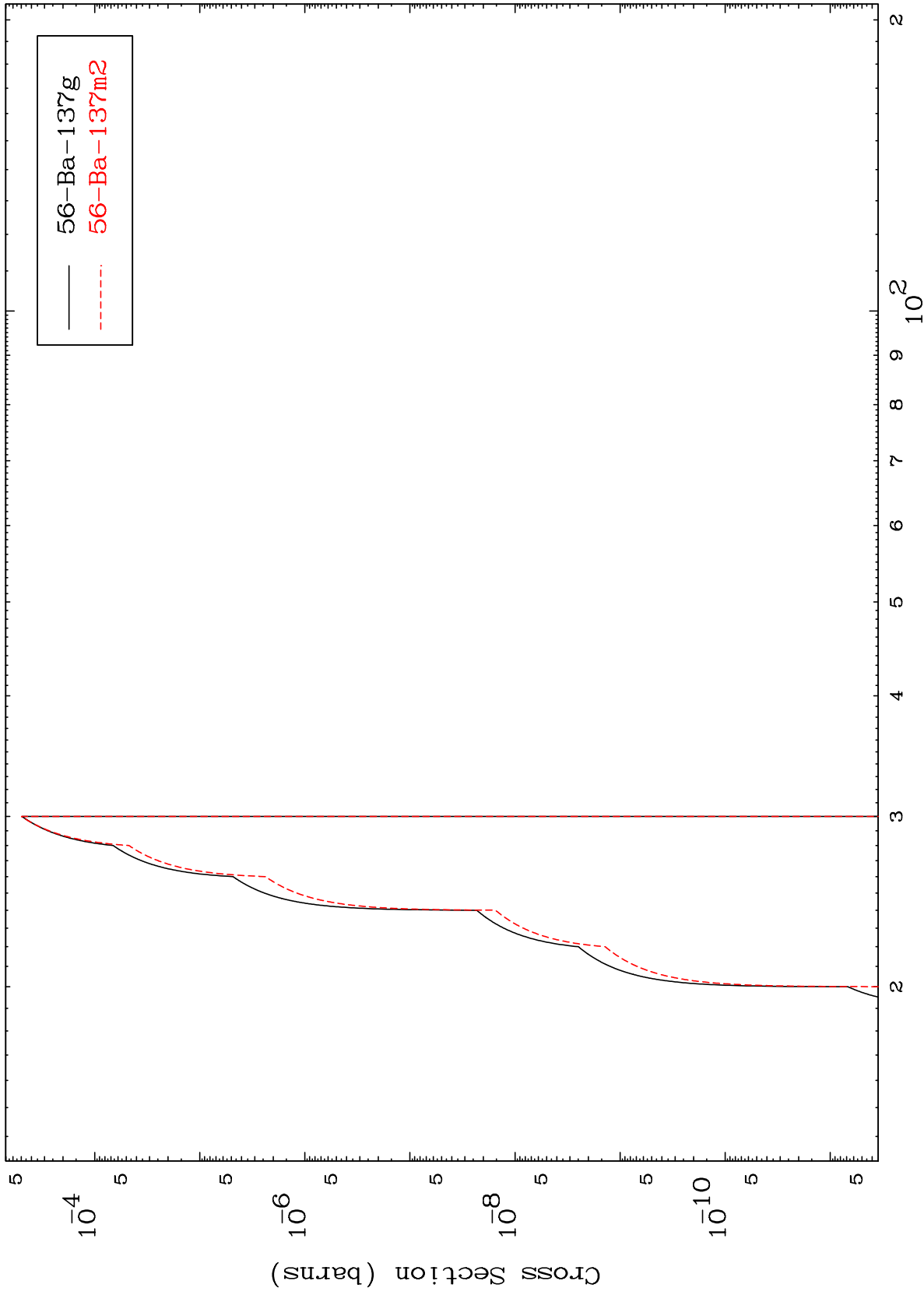
56-Ba-139

MAT 5652

$(\alpha, 2n) \alpha$

56-Ba-139

Radionuclide Production Cross Section



11

Incident Energy (MeV)

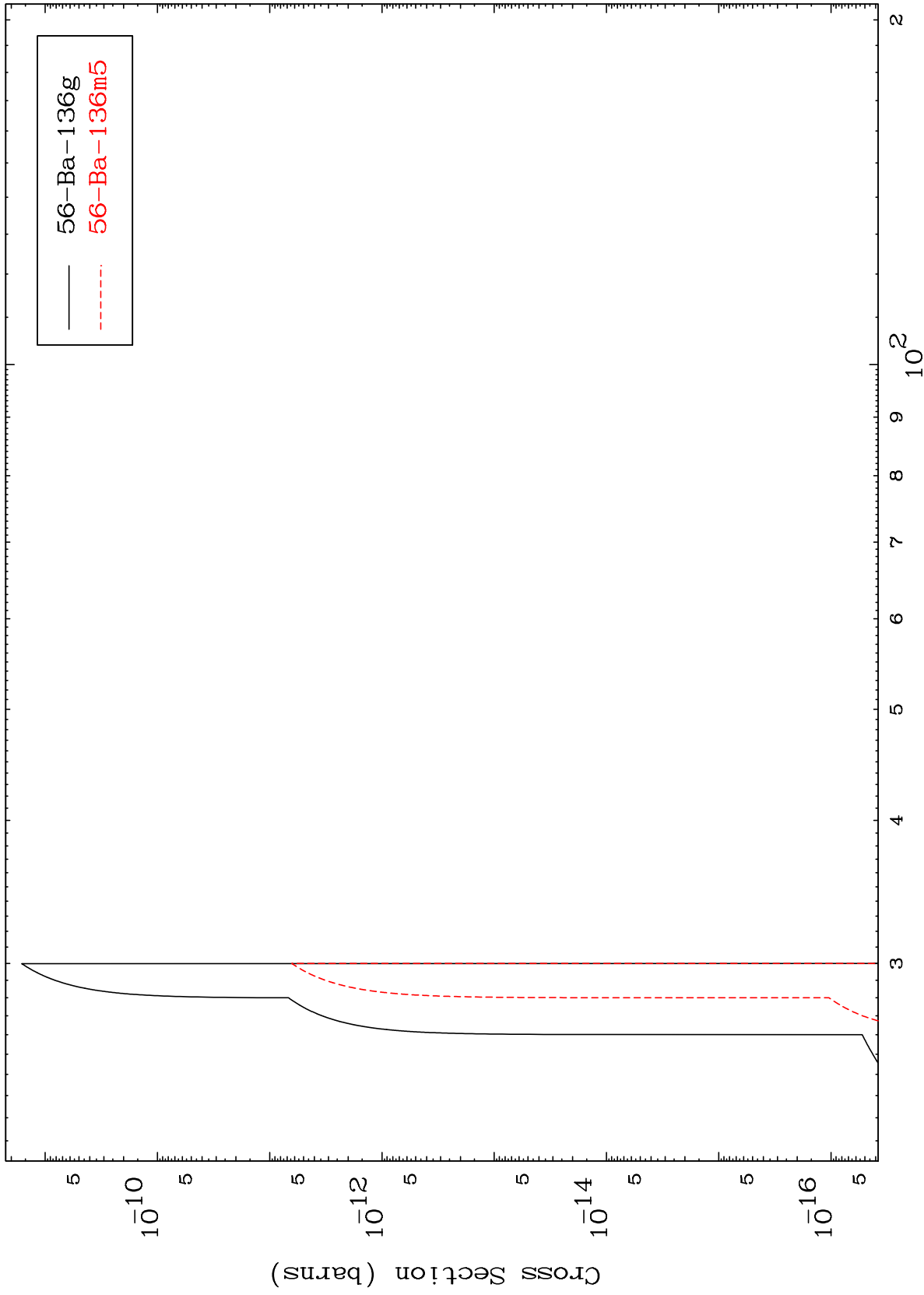
56-Ba-139

MAT 5652

$(\alpha, 3n) \alpha$

56-Ba-139

Radionuclide Production Cross Section



12

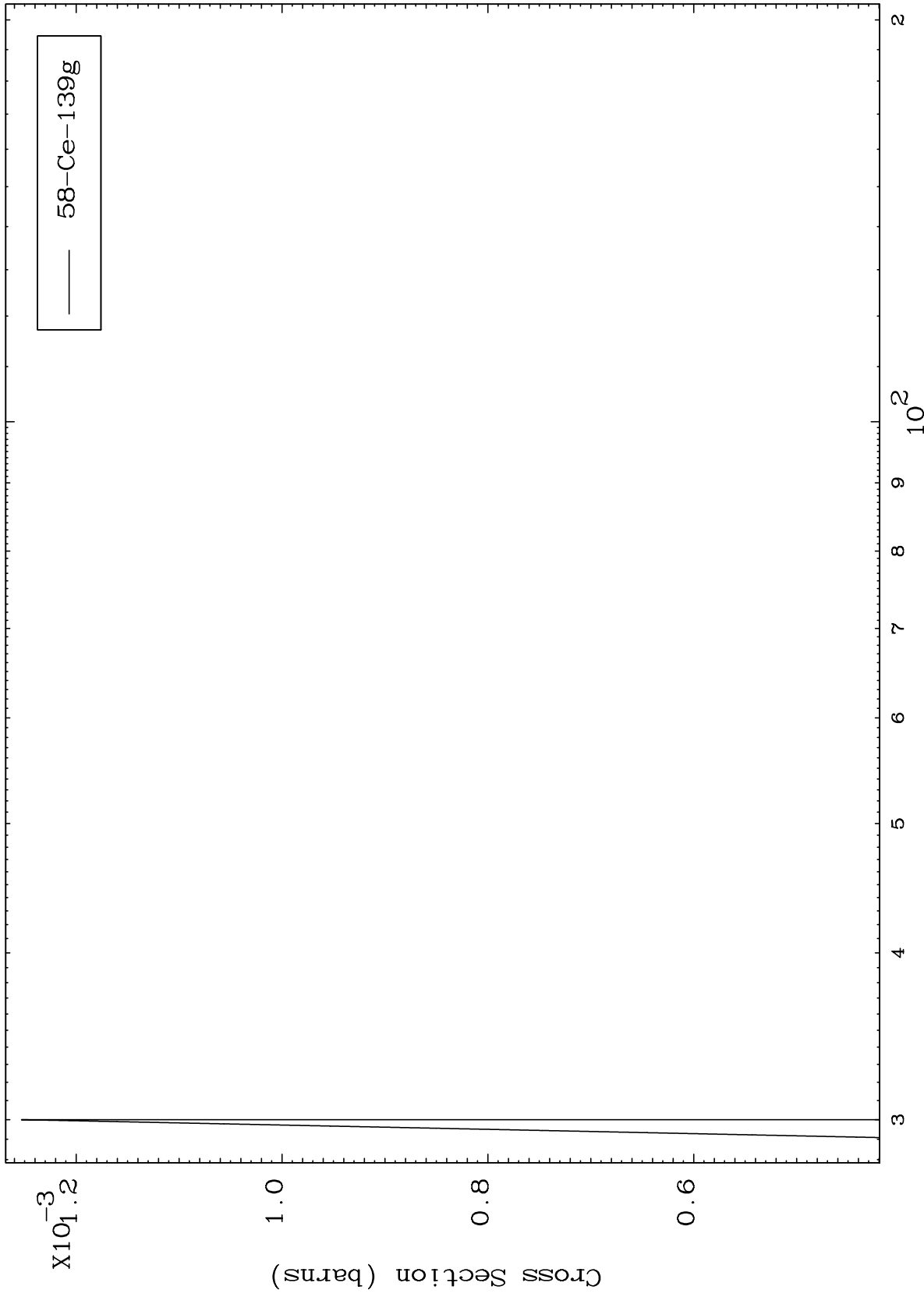
Incident Energy (MeV)

56-Ba-139

MAT 5652

56-Ba-139

($\alpha, 4n$)
Radionuclide Production Cross Section



58-Ce-139g

13

Incident Energy (MeV)

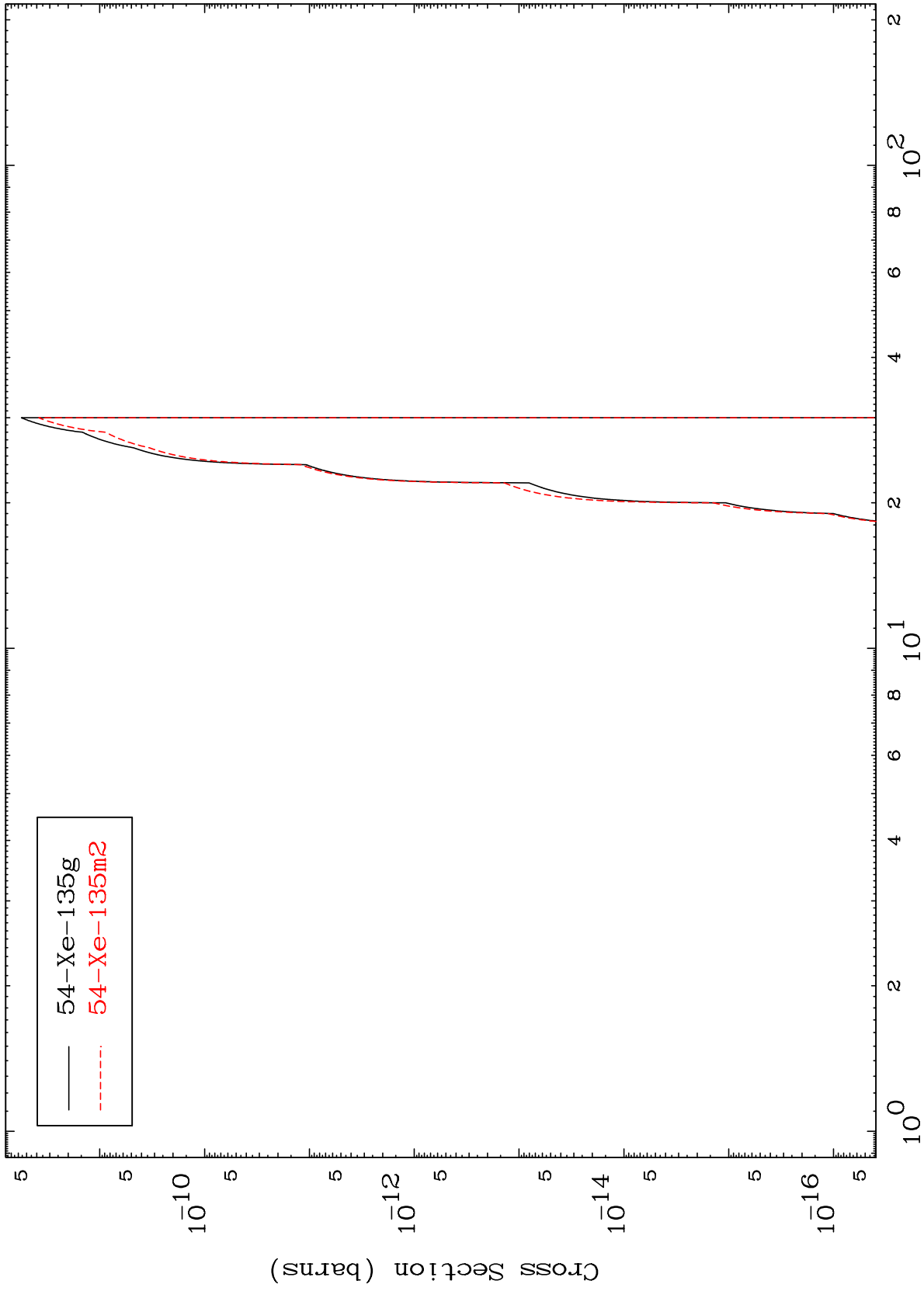
56-Ba-139

MAT 5652

($\alpha, 2\alpha$)

56-Ba-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

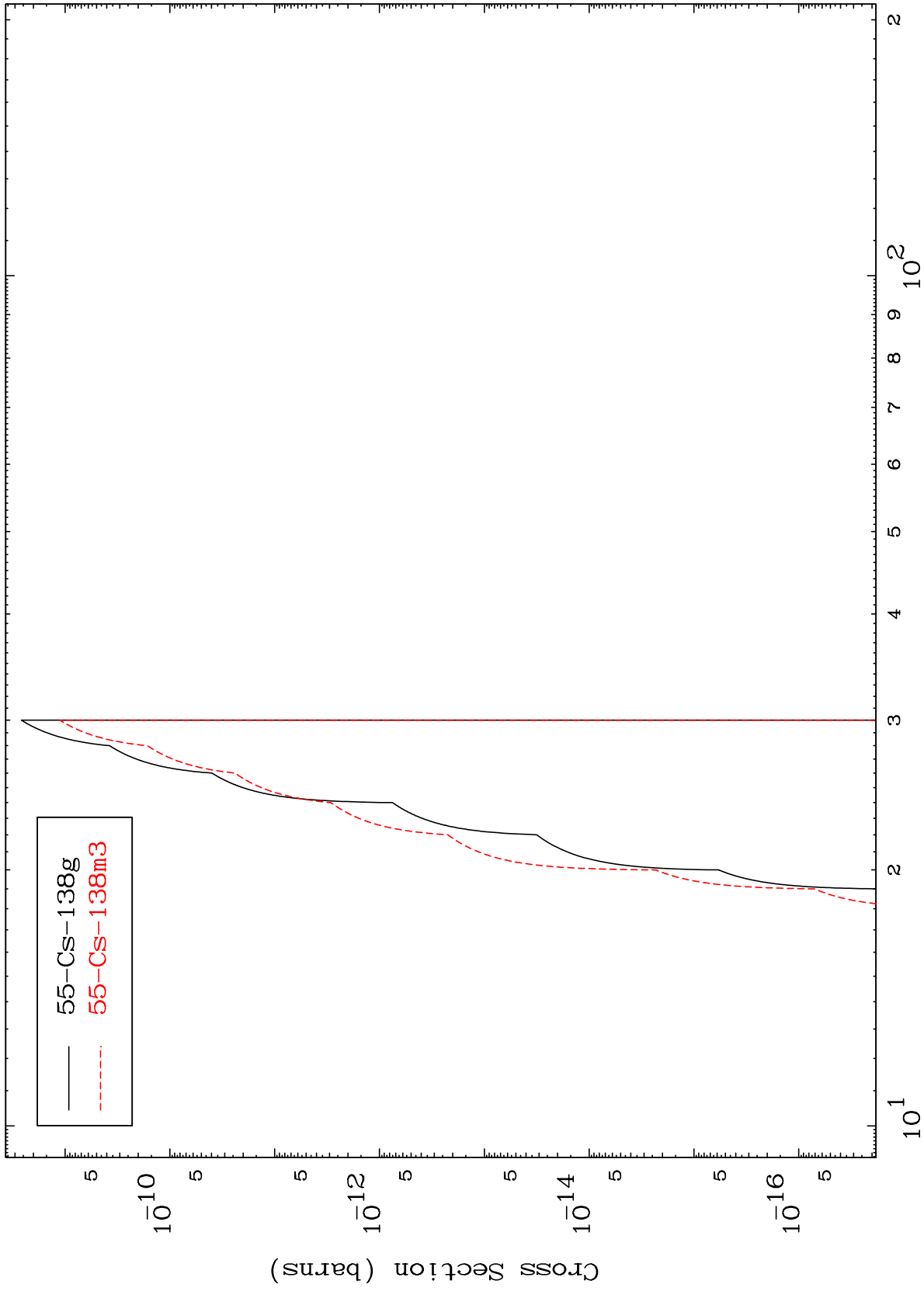
56-Ba-139

MAT 5652

(α, p) α

56-Ba-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

56-Ba-139