

Program EVALPLOT
(Version 2018-1)

by

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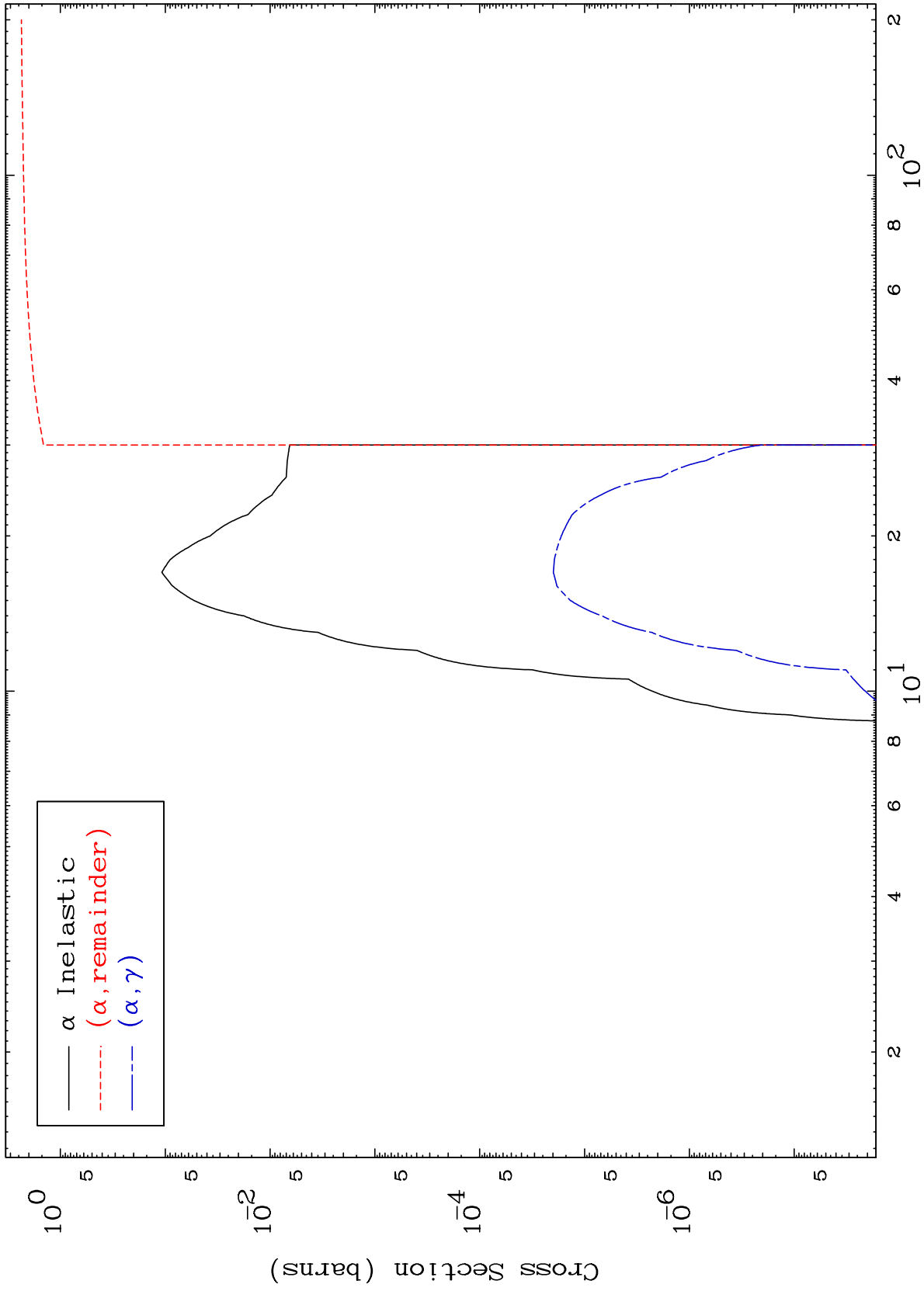
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5649

0 Kelvin α Major

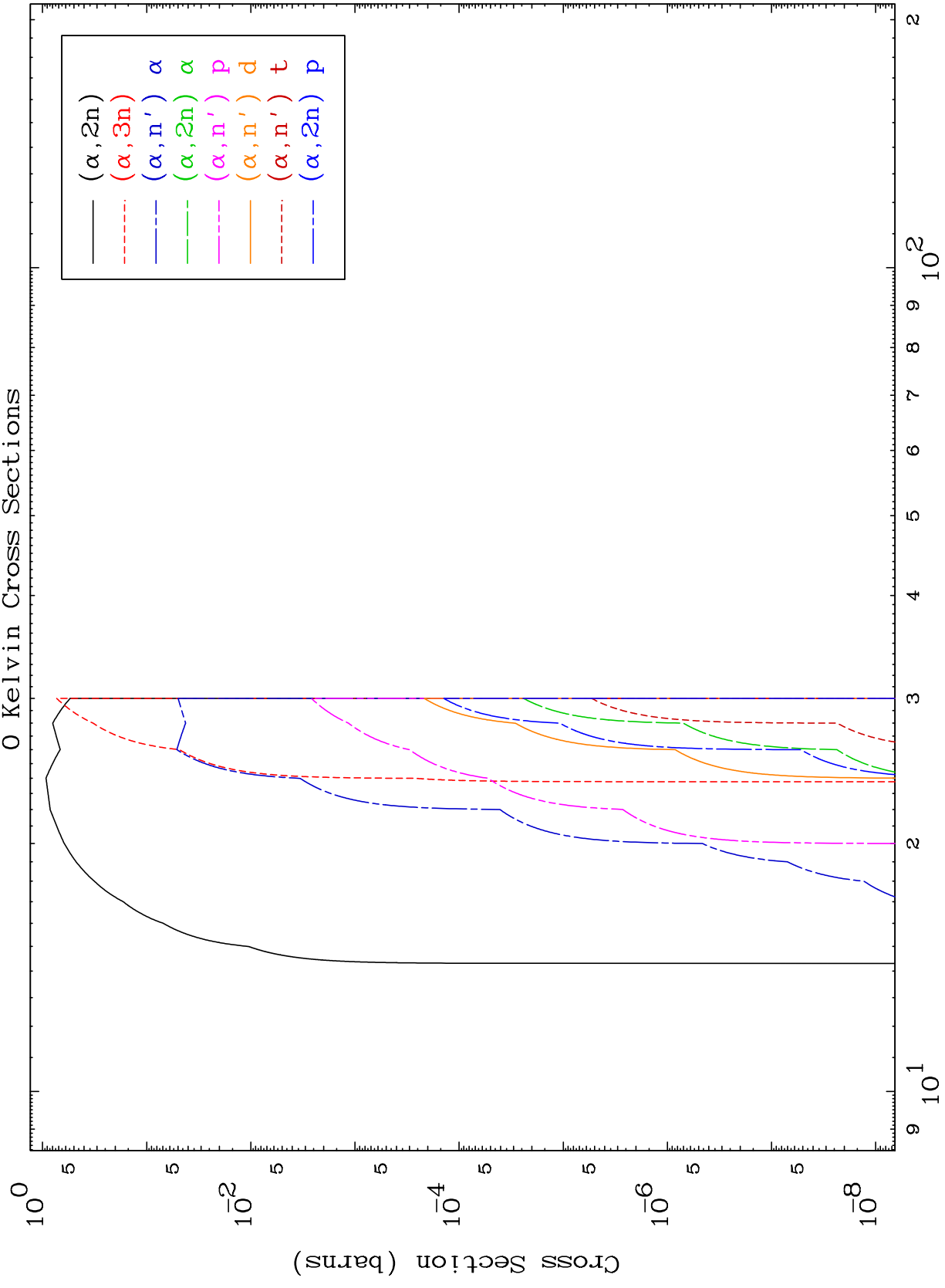
56-Ba-138



MAT 5649

α Neutron Production
0 Kelvin Cross Sections

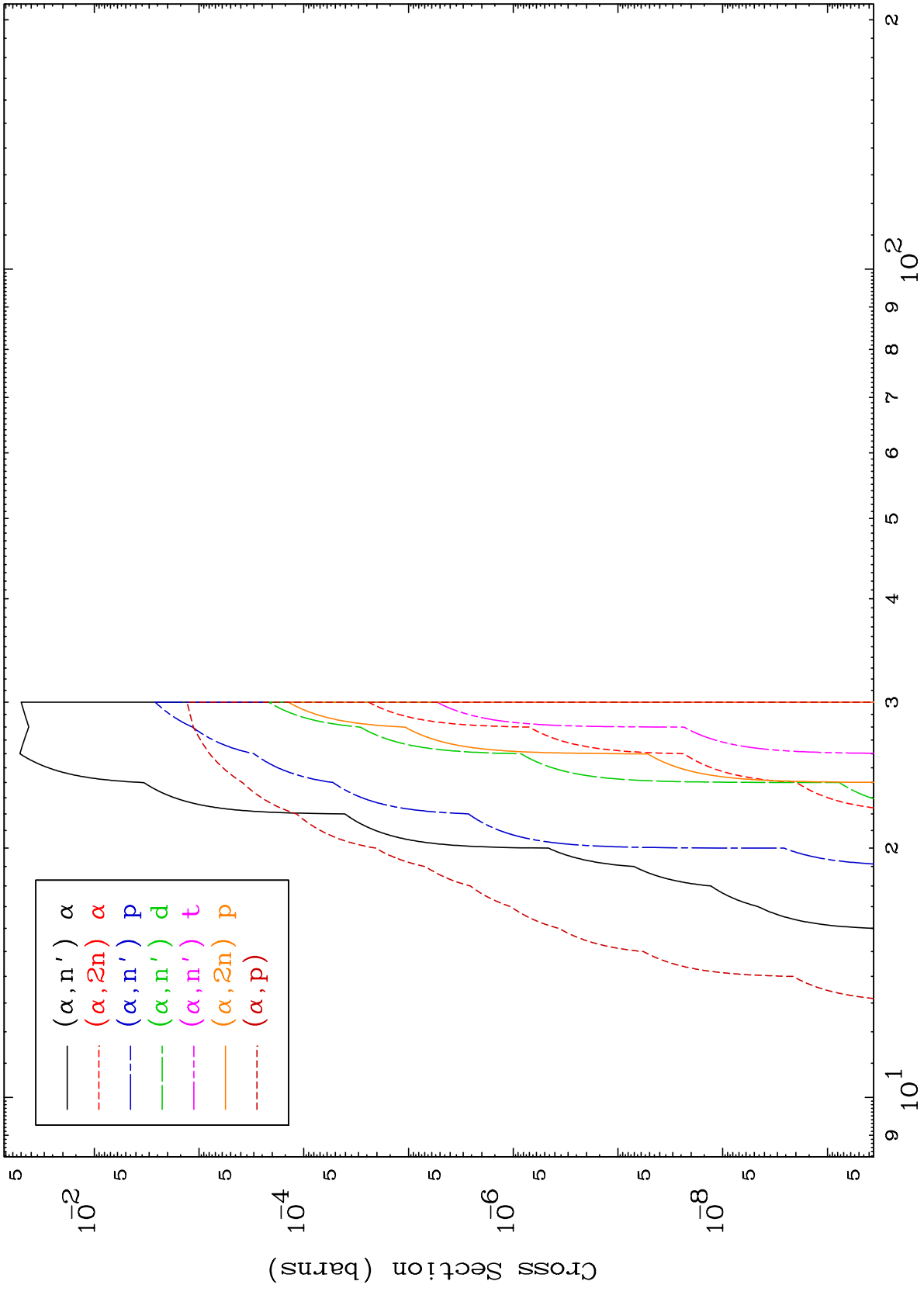
56-Ba-138

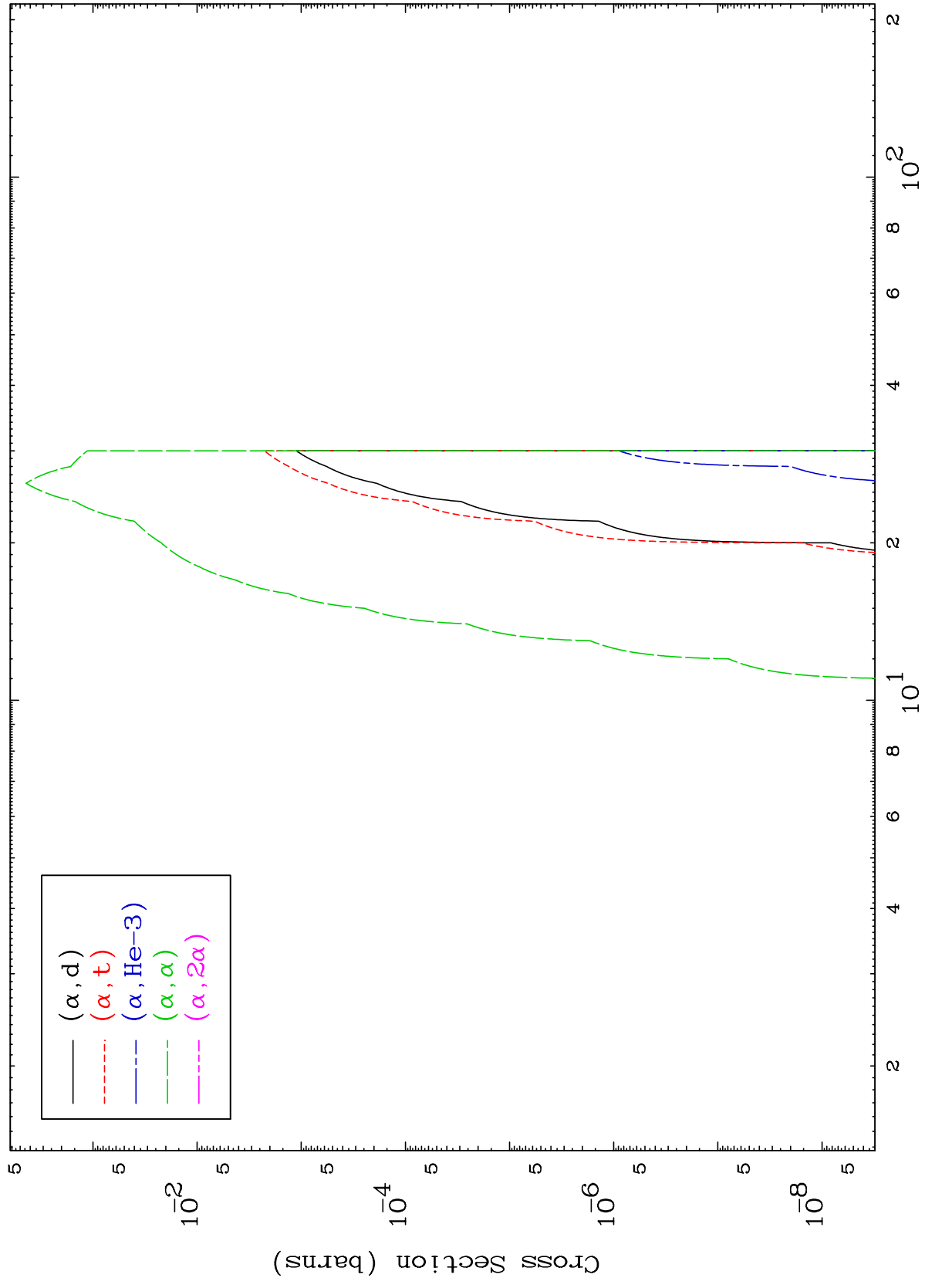


56-Ba-138

Incident Energy (MeV)

2

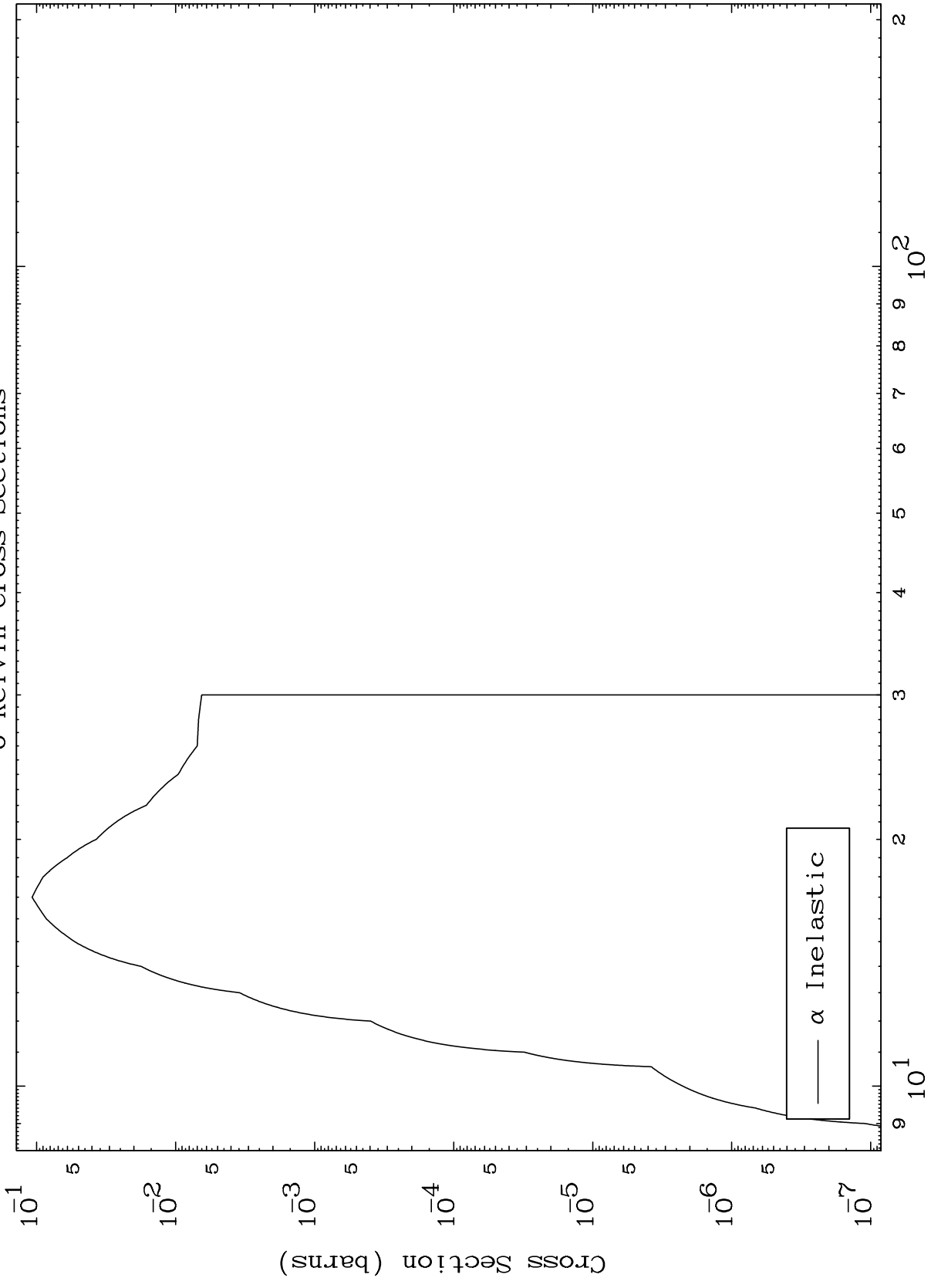




MAT 5649

(α, n') Level
0 Kelvin Cross Sections

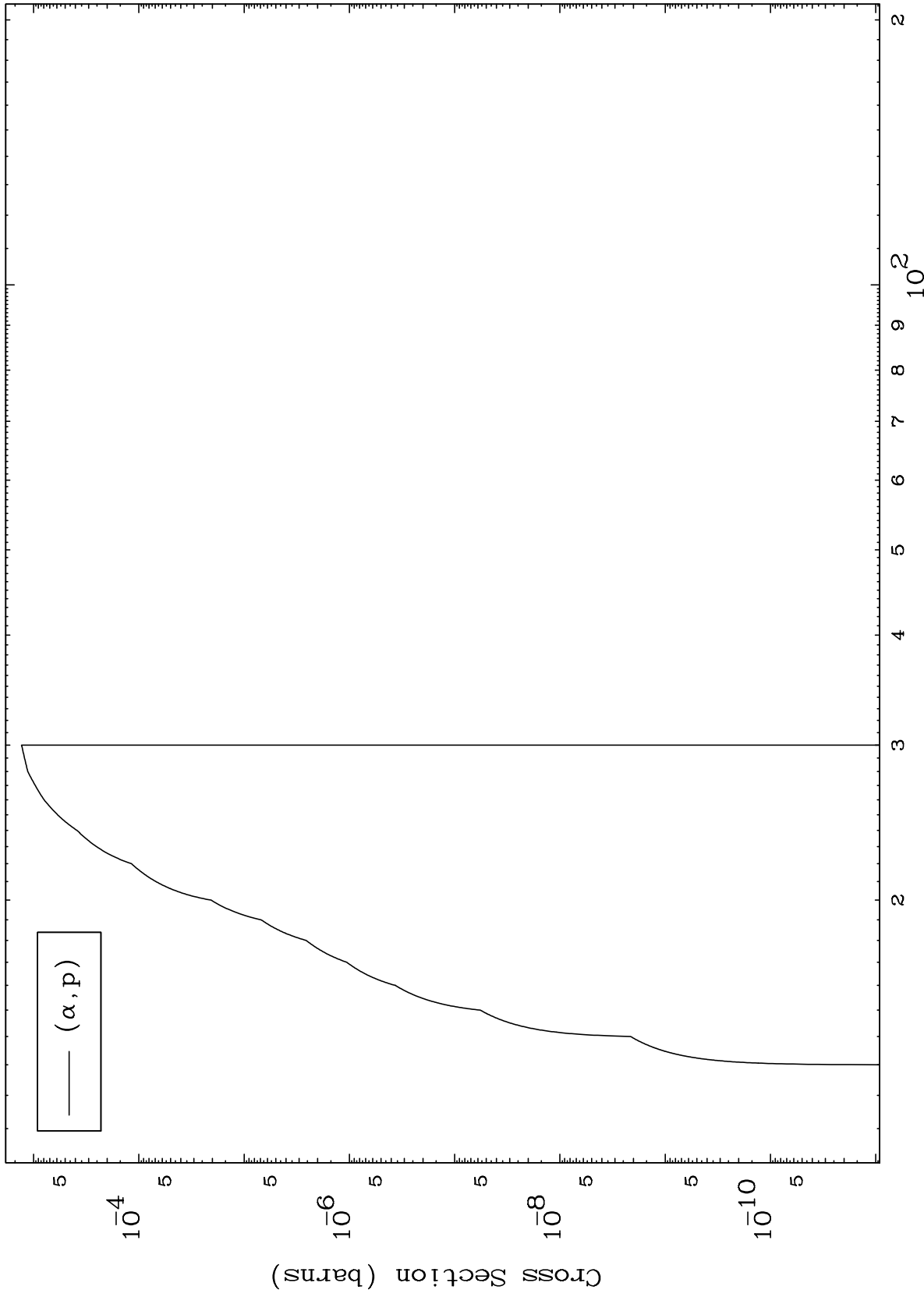
56-Ba-138



5

Incident Energy (MeV)

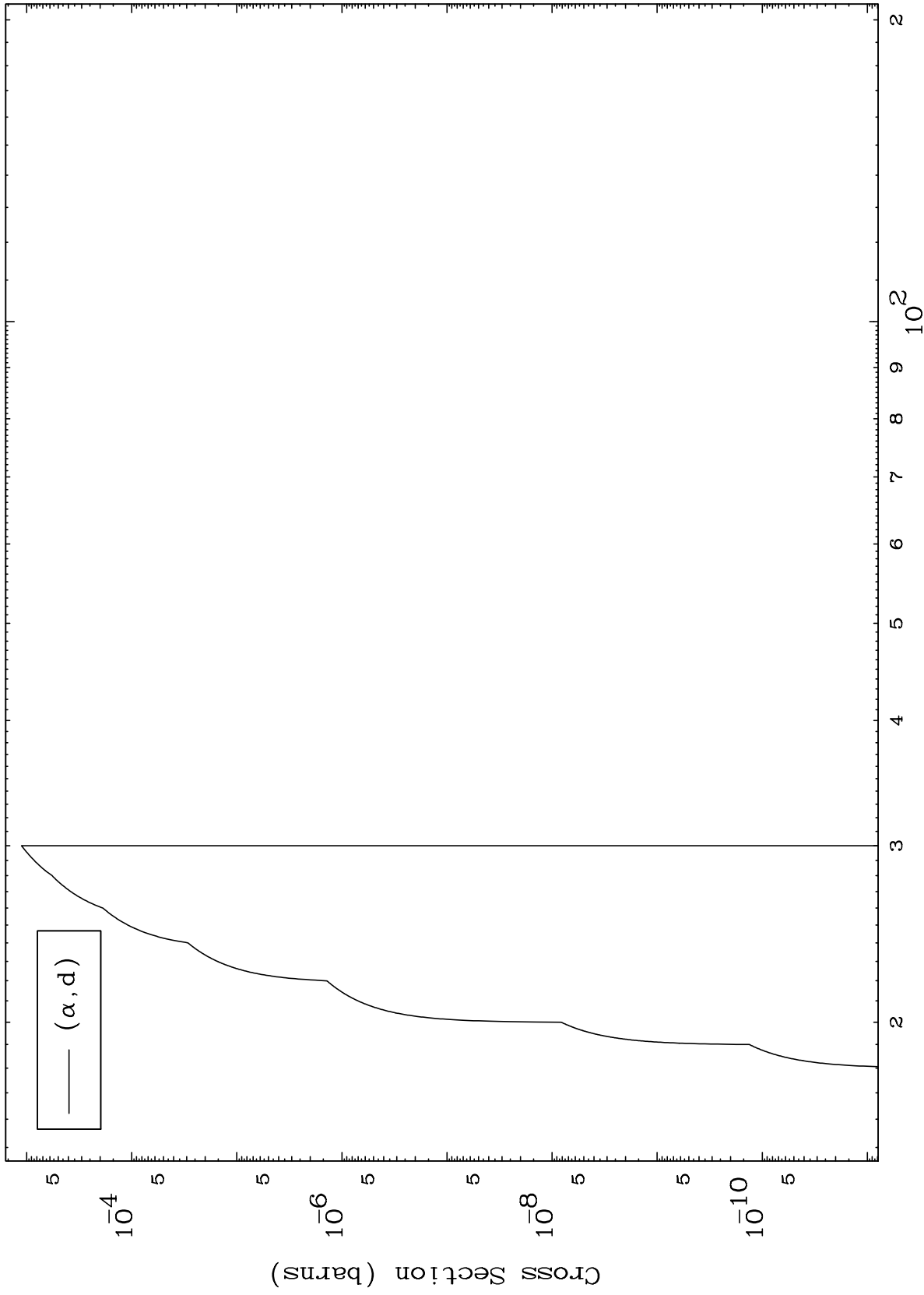
56-Ba-138



MAT 5649

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-138



7

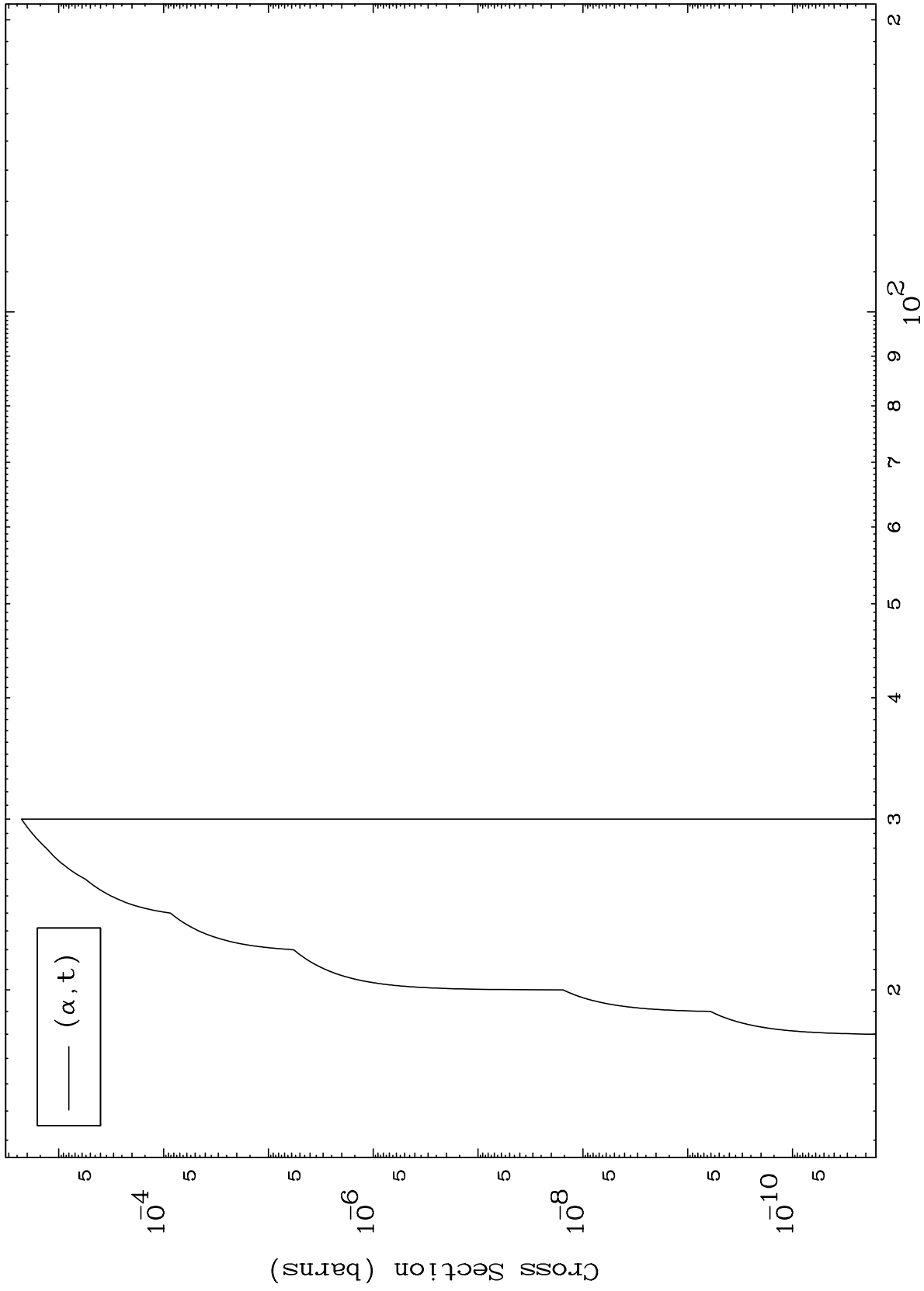
Incident Energy (MeV)

56-Ba-138

MAT 5649

(α, t) Levels
0 Kelvin Cross Sections

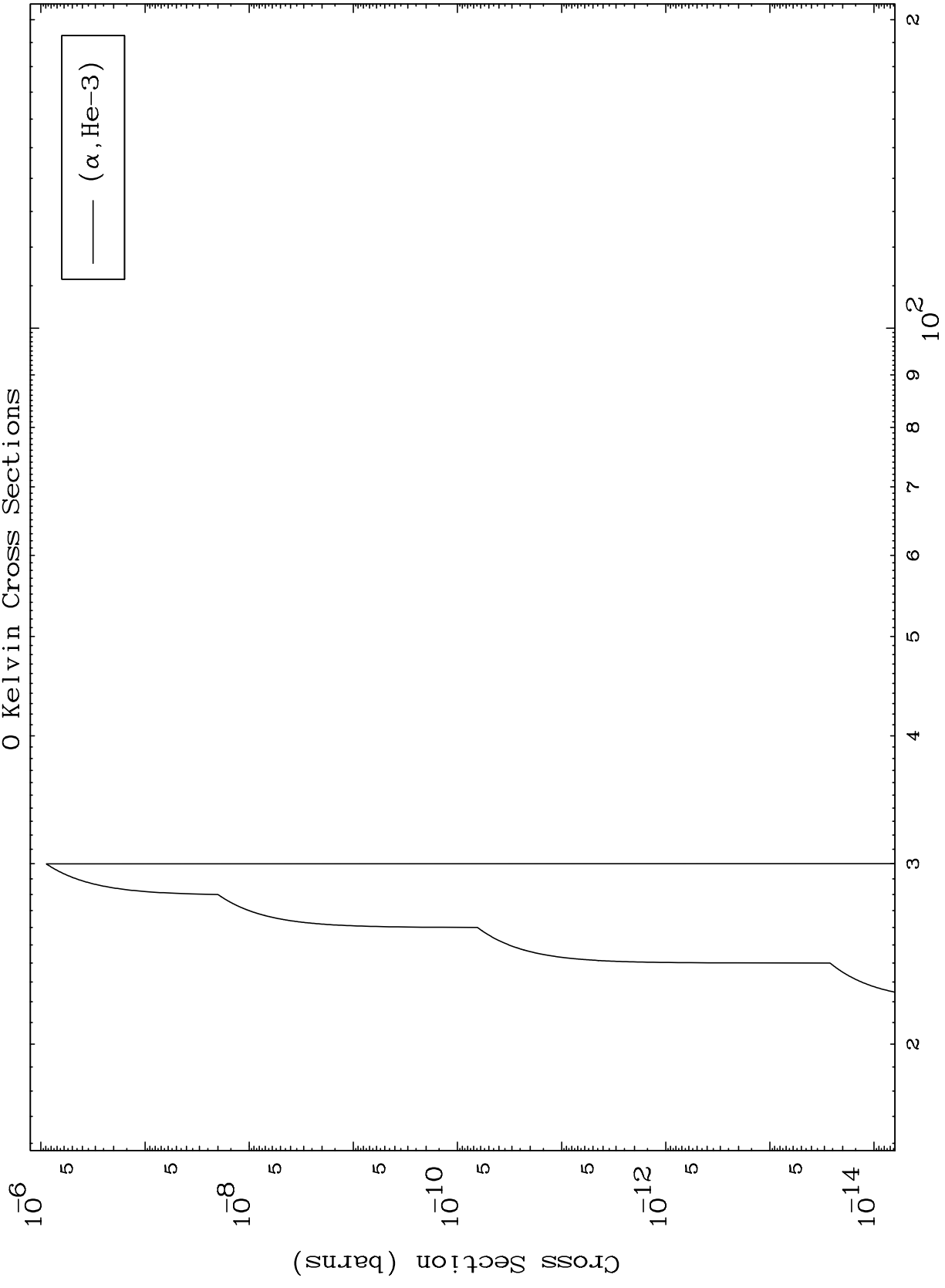
56-Ba-138



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(α , He3) Levels
0 Kelvin Cross Sections

56-Ba-138



9

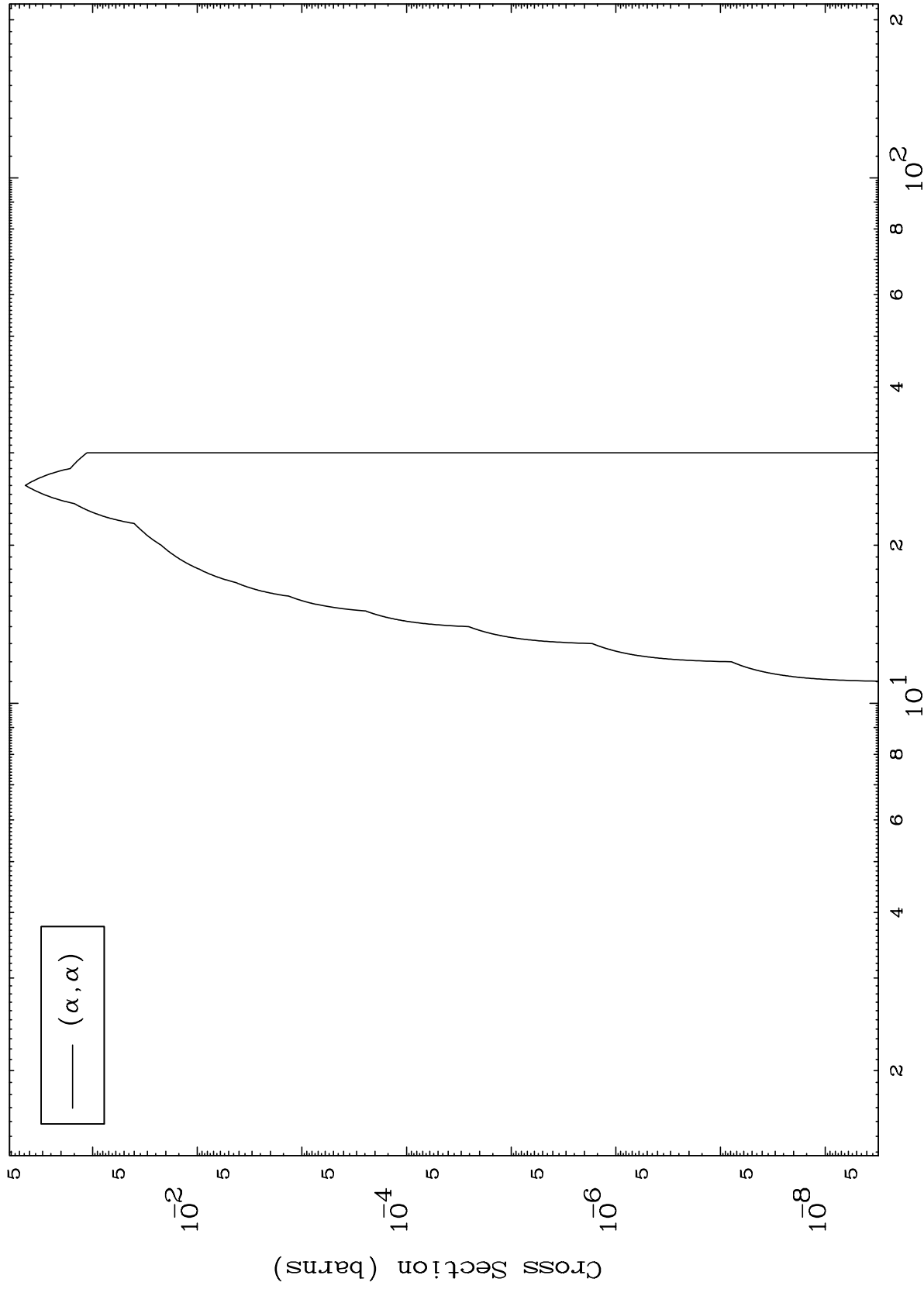
Incident Energy (MeV)

56-Ba-138

MAT 5649

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-138



10

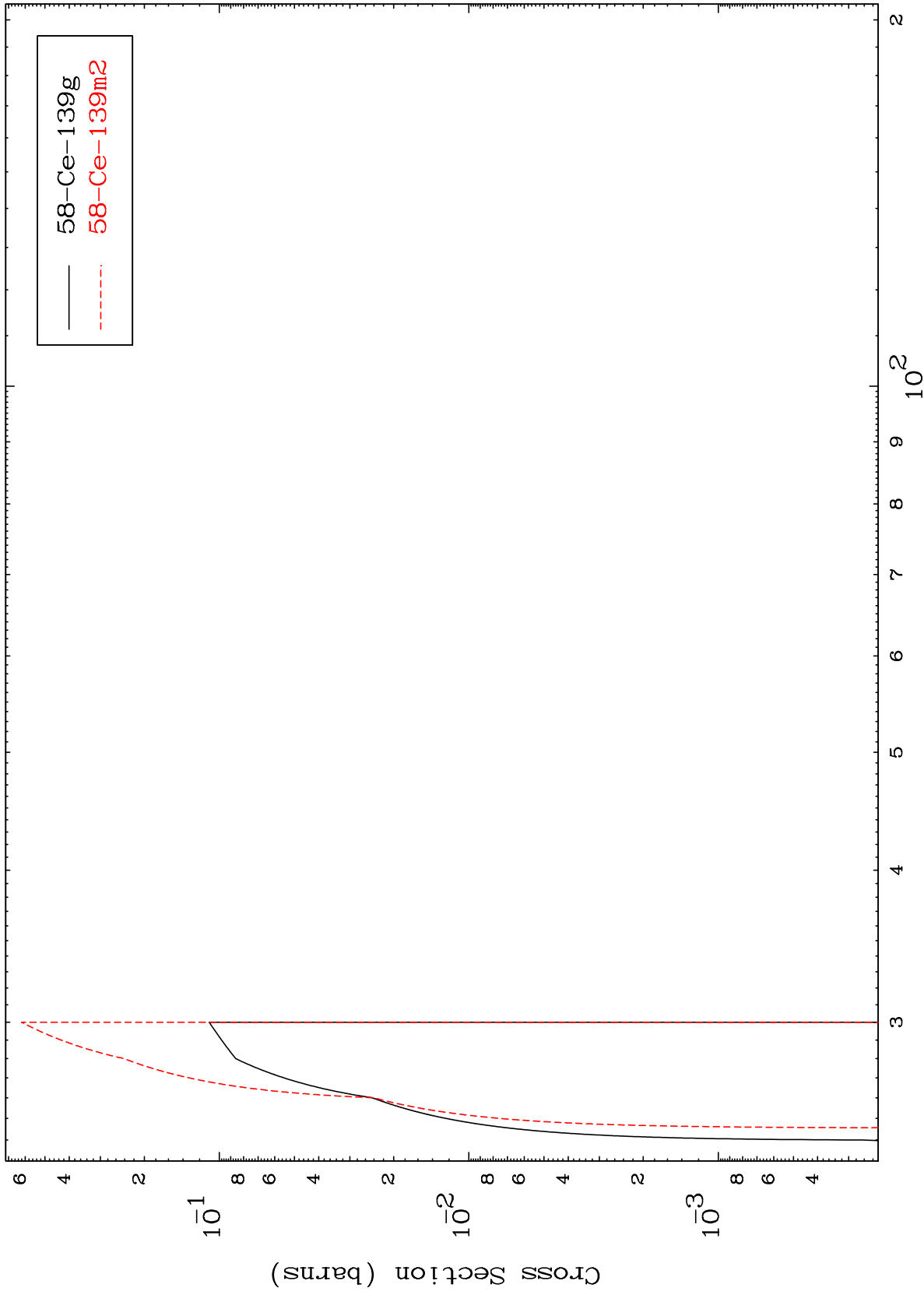
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

($\alpha, 3n$)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

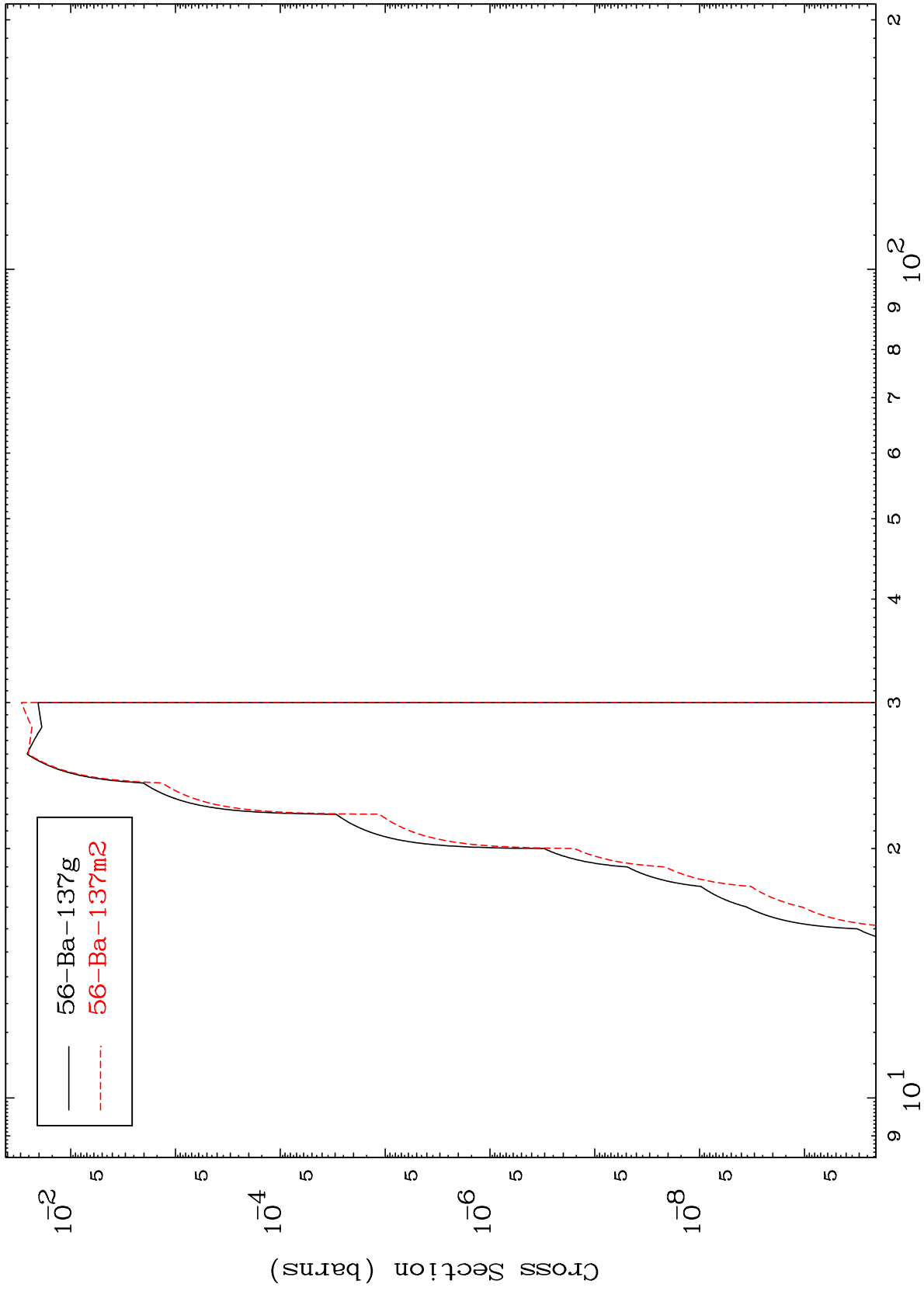
56-Ba-138

MAT 5649

(α, n') α

56-Ba-138

Radionuclide Production Cross Section



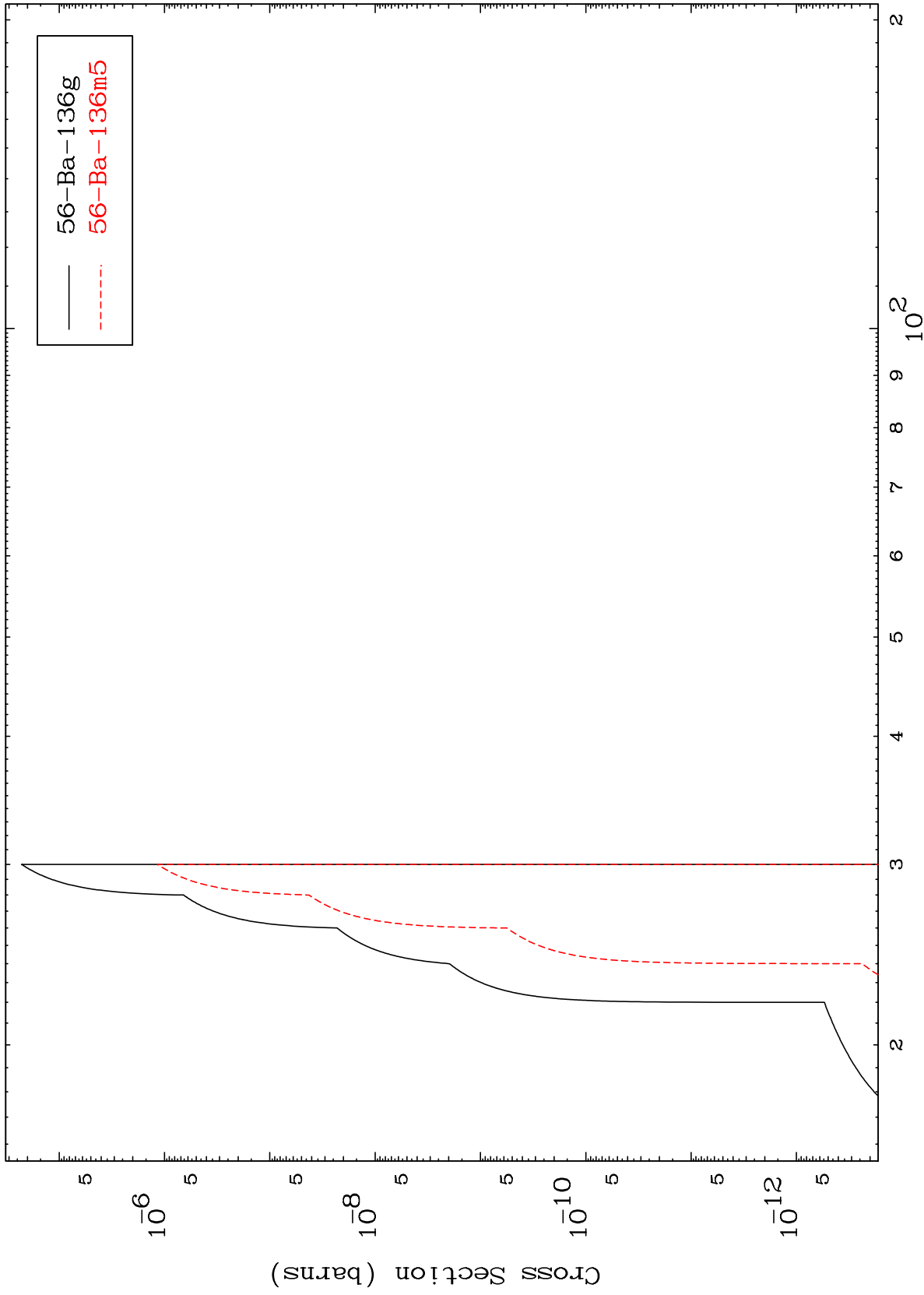
12

MAT 5649

($\alpha, 2n$) α

56-Ba-138

Radionuclide Production Cross Section



13

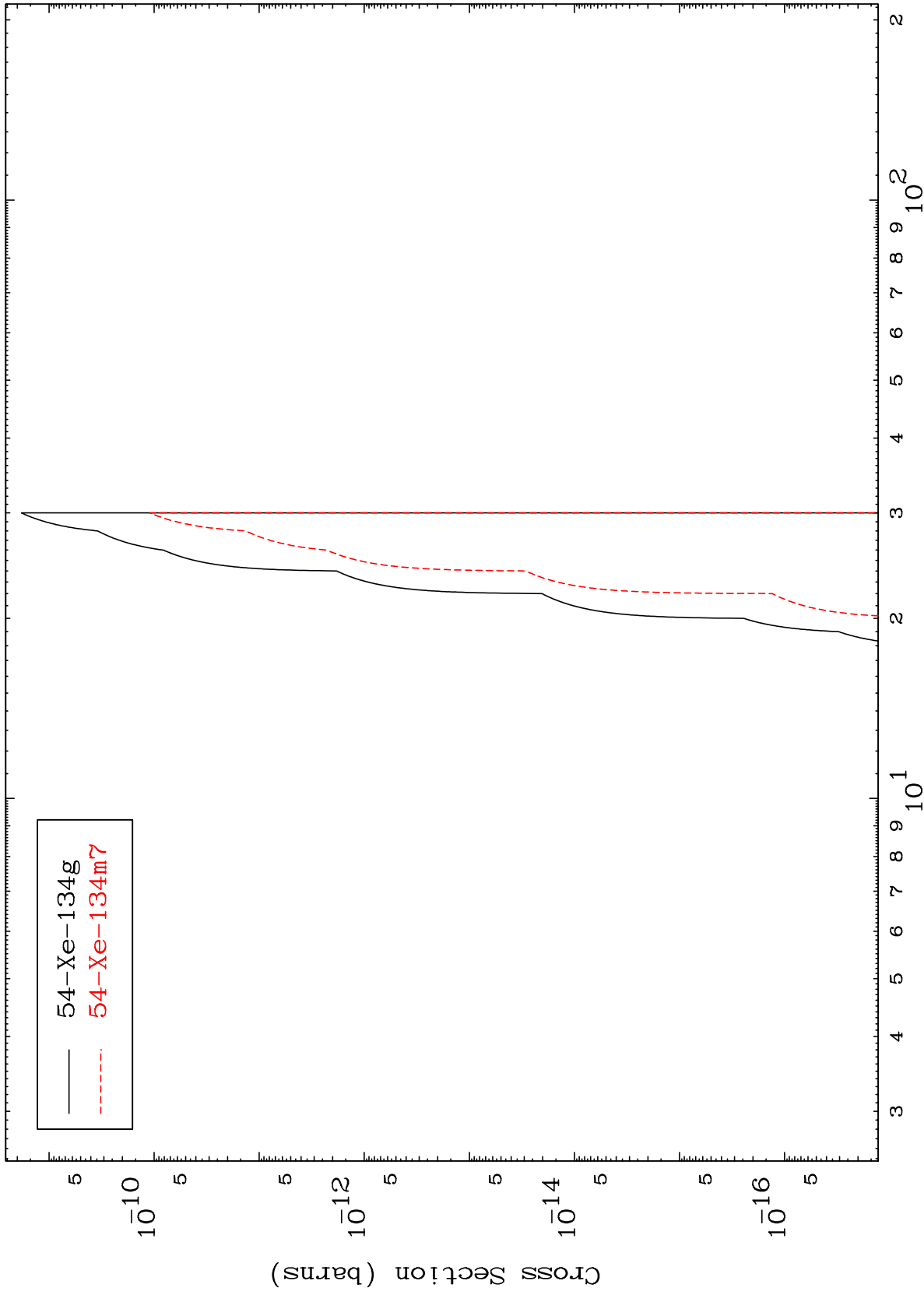
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

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



14

56-Ba-138