

Program EVALPLOT
(Version 2021-1)

by

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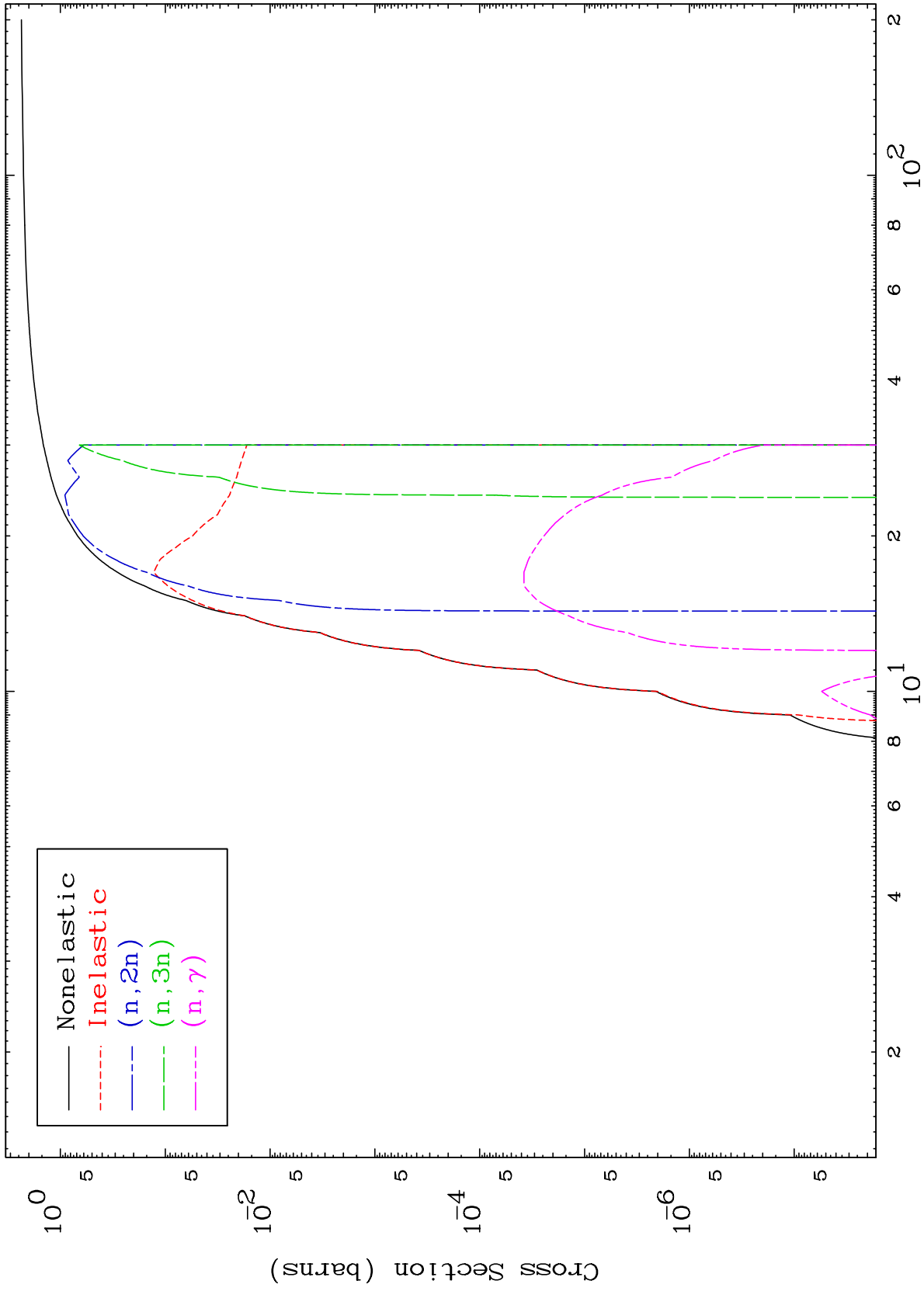
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5649

0 Kelvin α Major

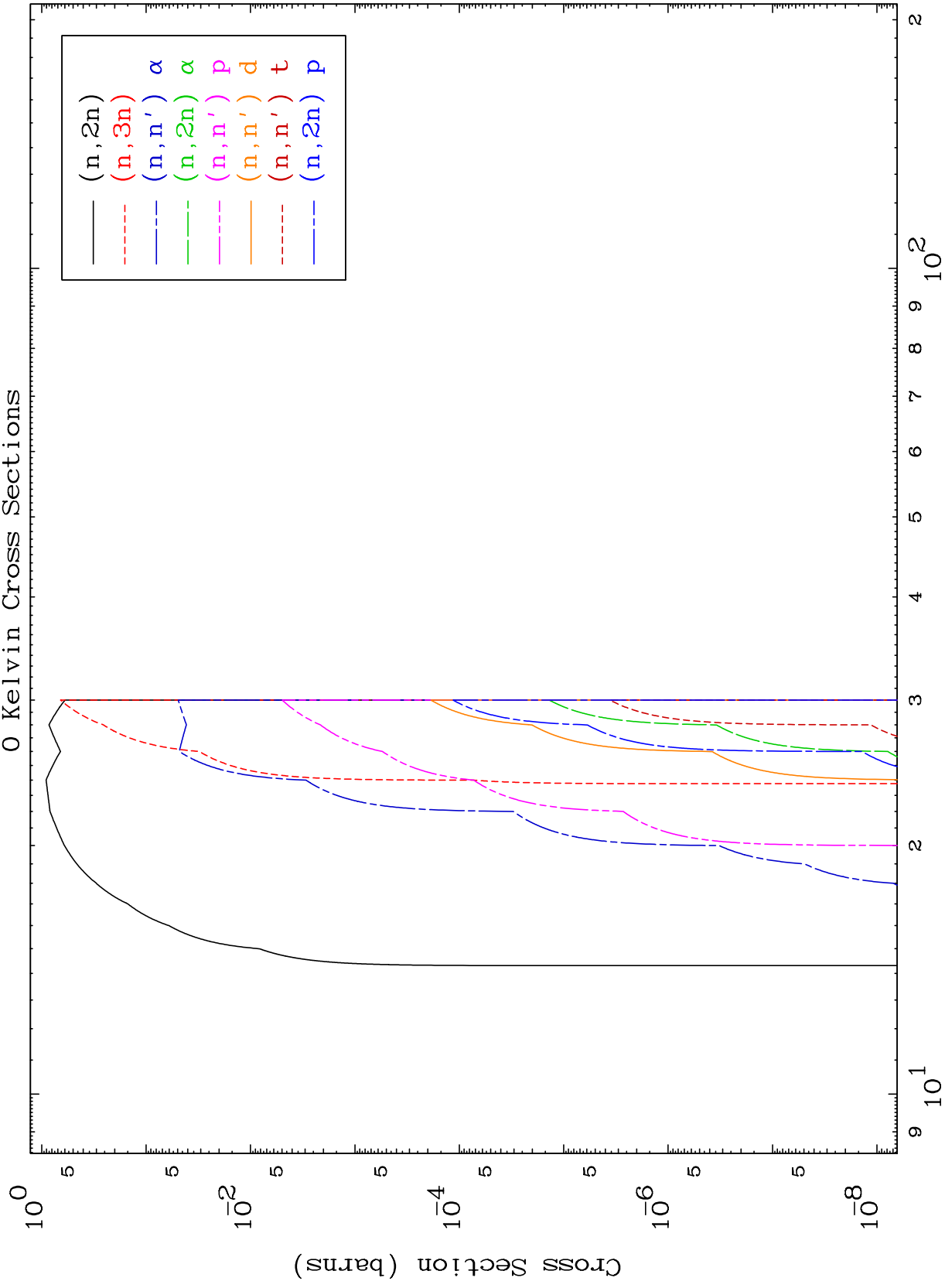
56-Ba-138



MAT 5649

α Neutron Absorption
0 Kelvin Cross Sections

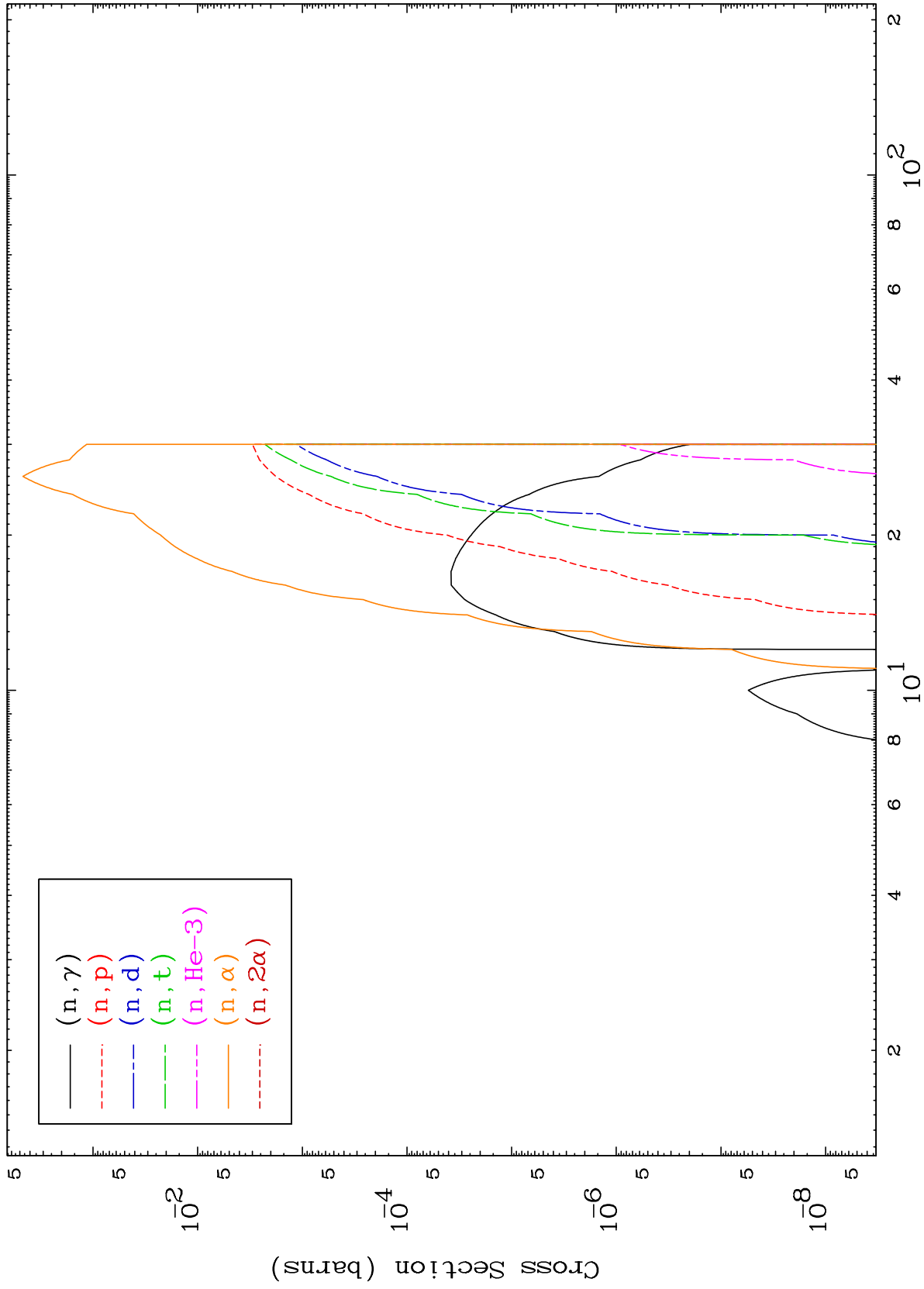
56-Ba-138

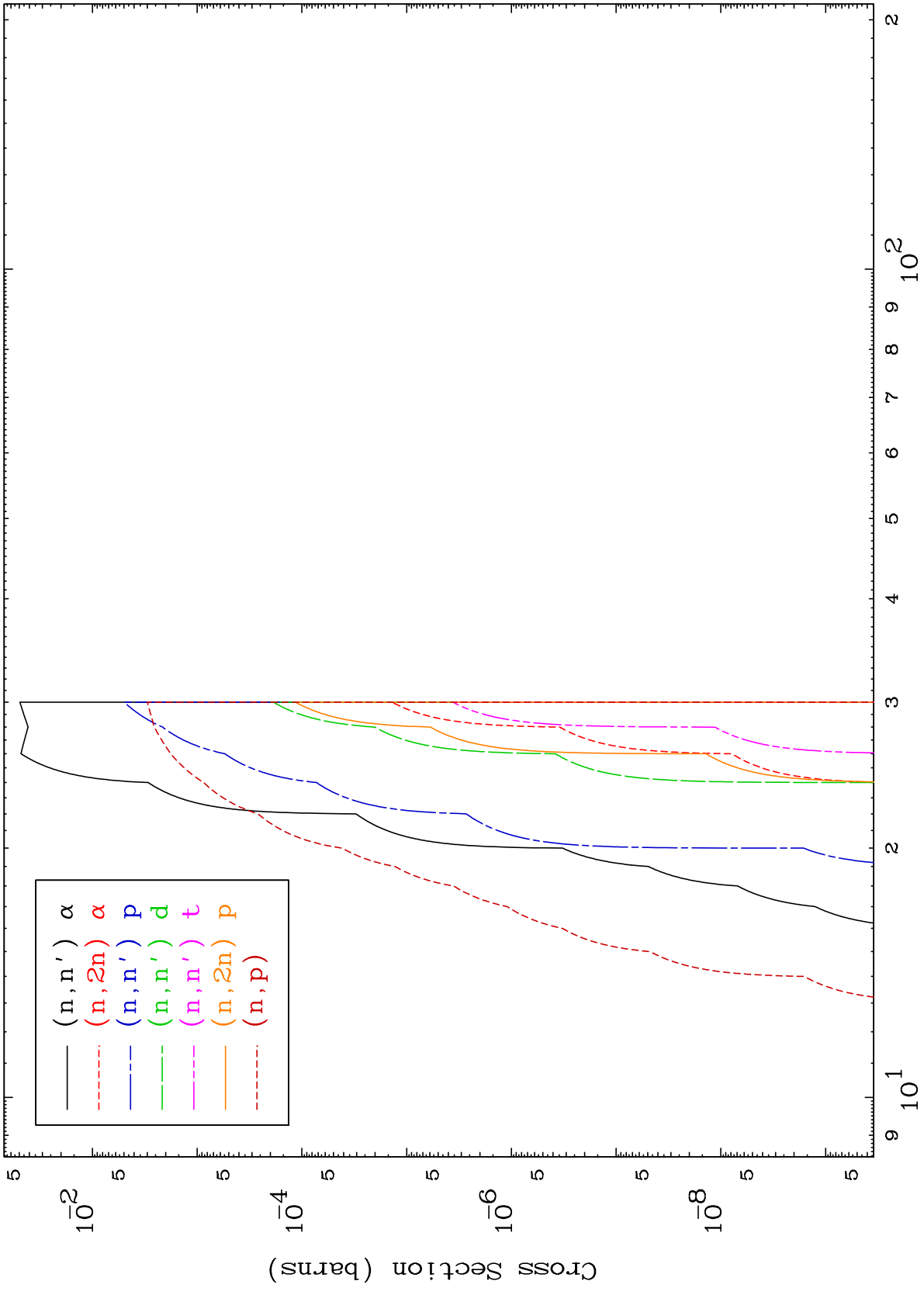


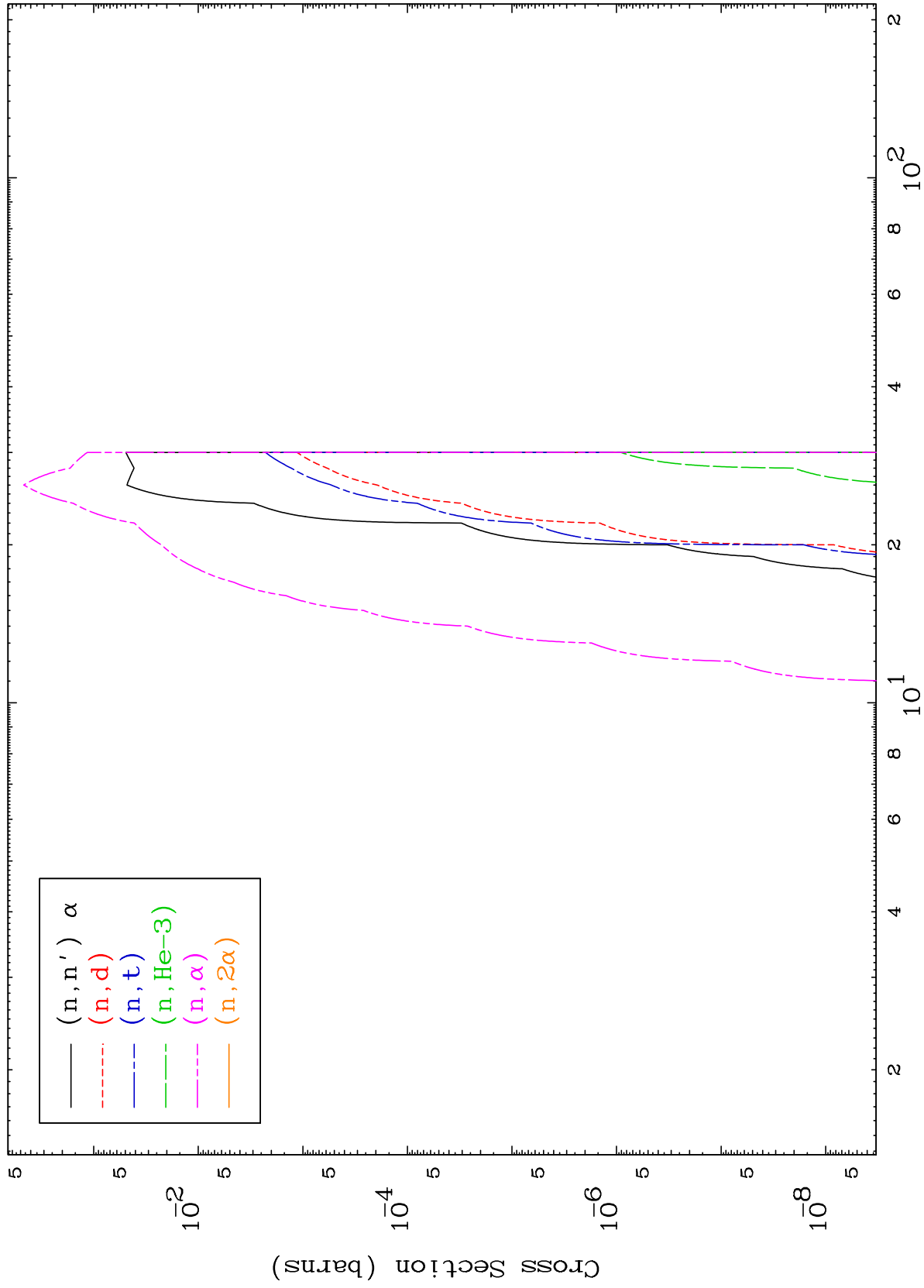
2

Incident Energy (MeV)

56-Ba-138



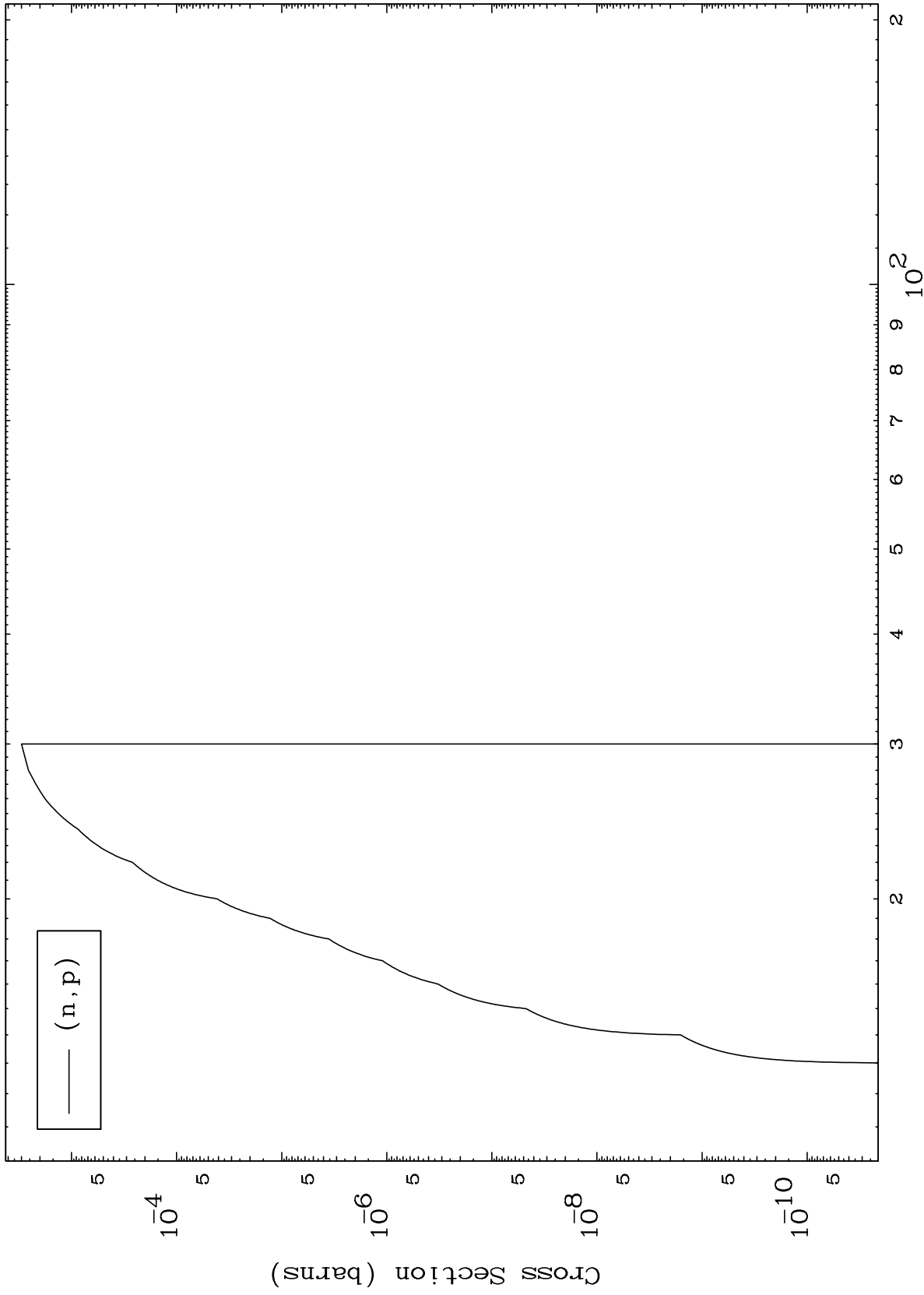




MAT 5649

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-138



6

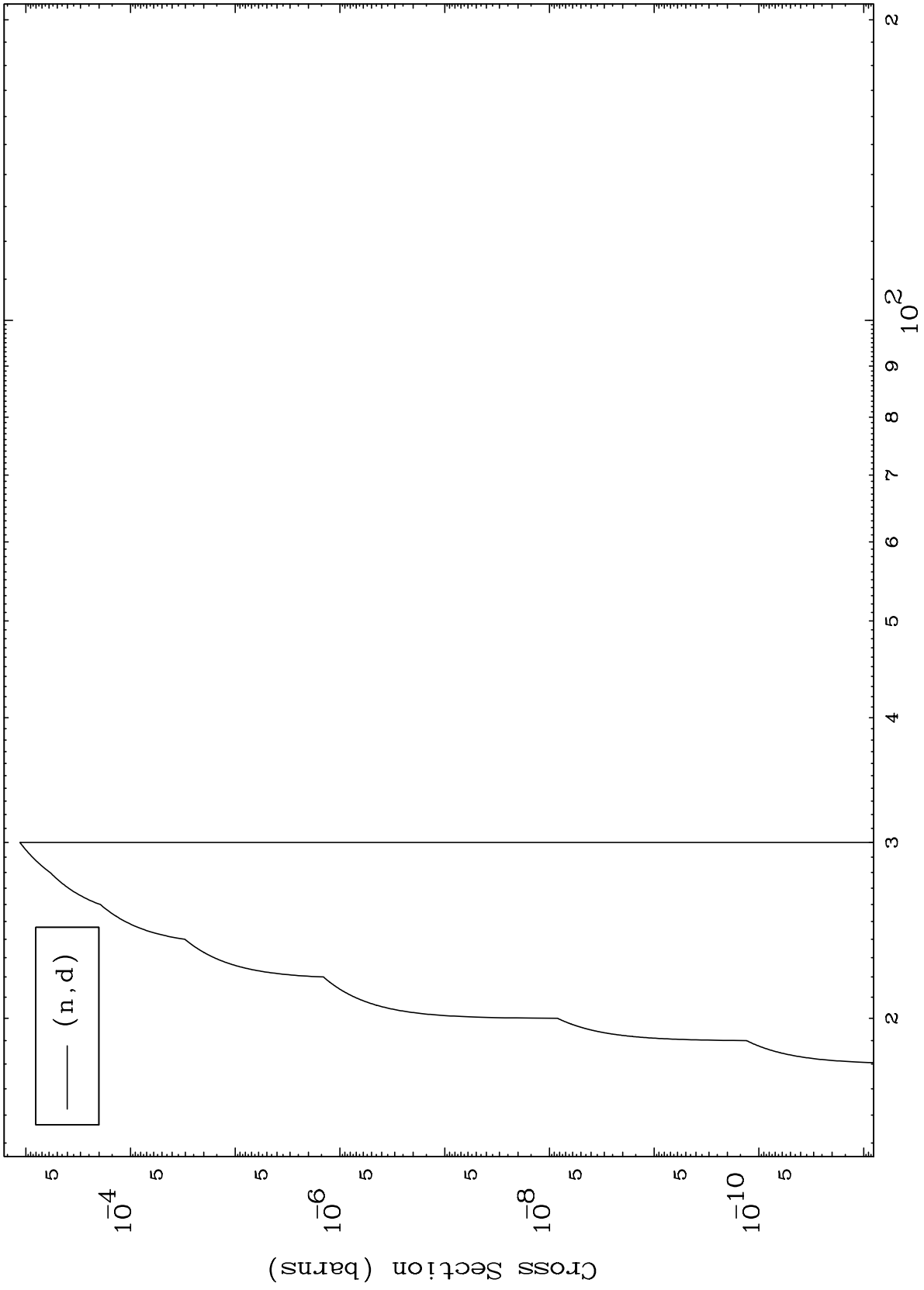
Incident Energy (MeV)

56-Ba-138

MAT 5649

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-138



7

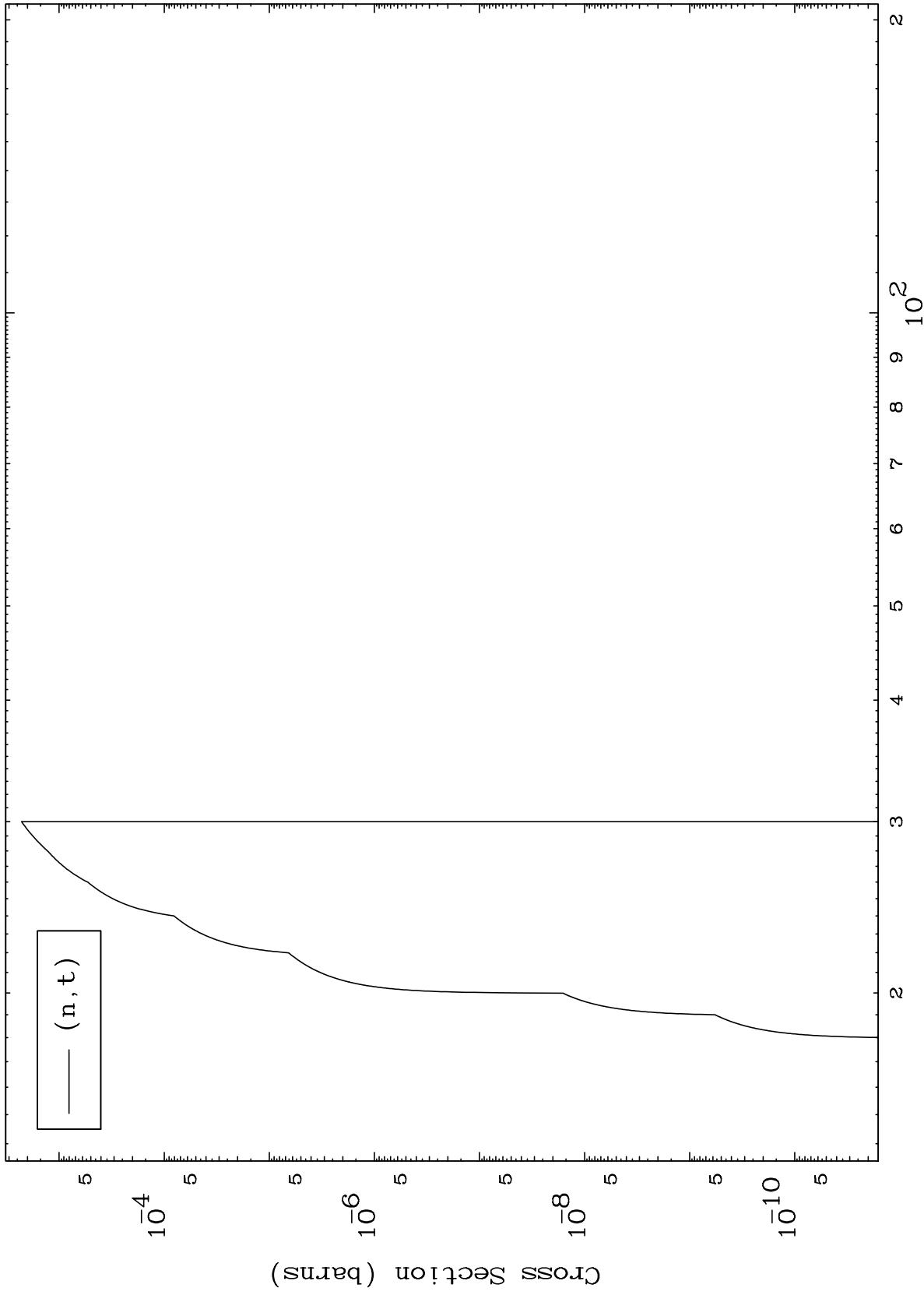
Incident Energy (MeV)

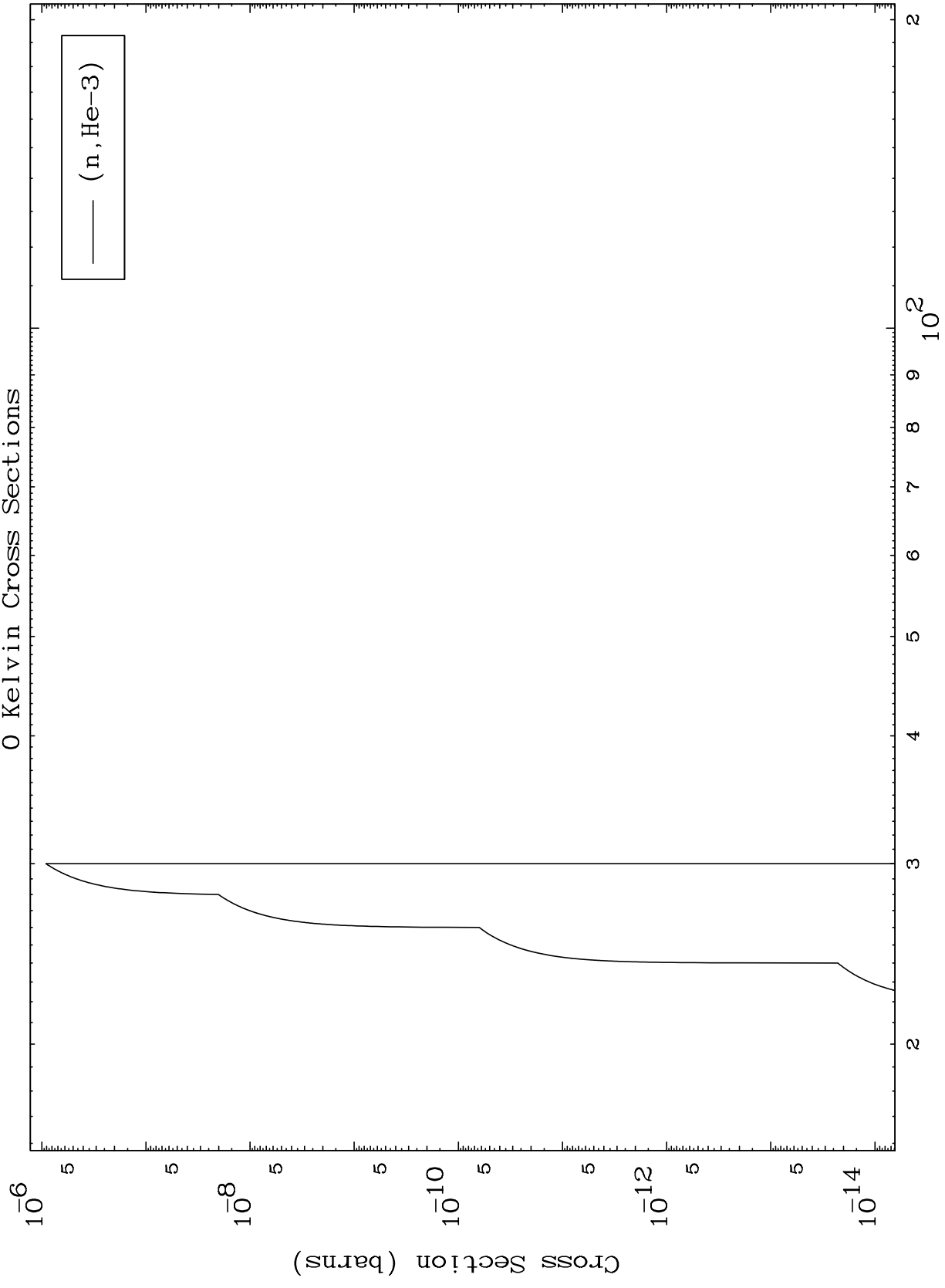
56-Ba-138

MAT 5649

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-138

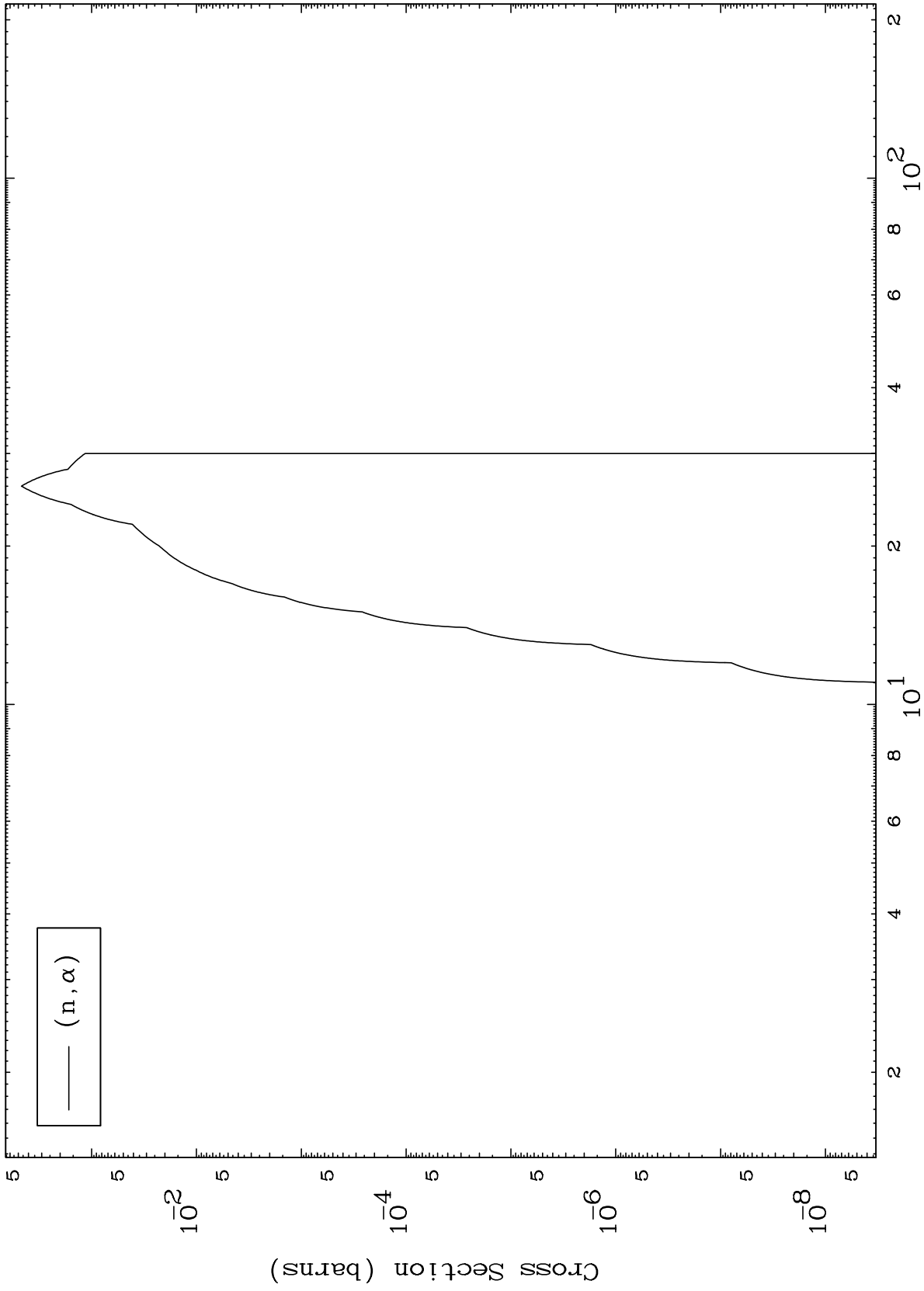




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(α, α) Levels
0 Kelvin Cross Sections

56-Ba-138



10

Incident Energy (MeV)

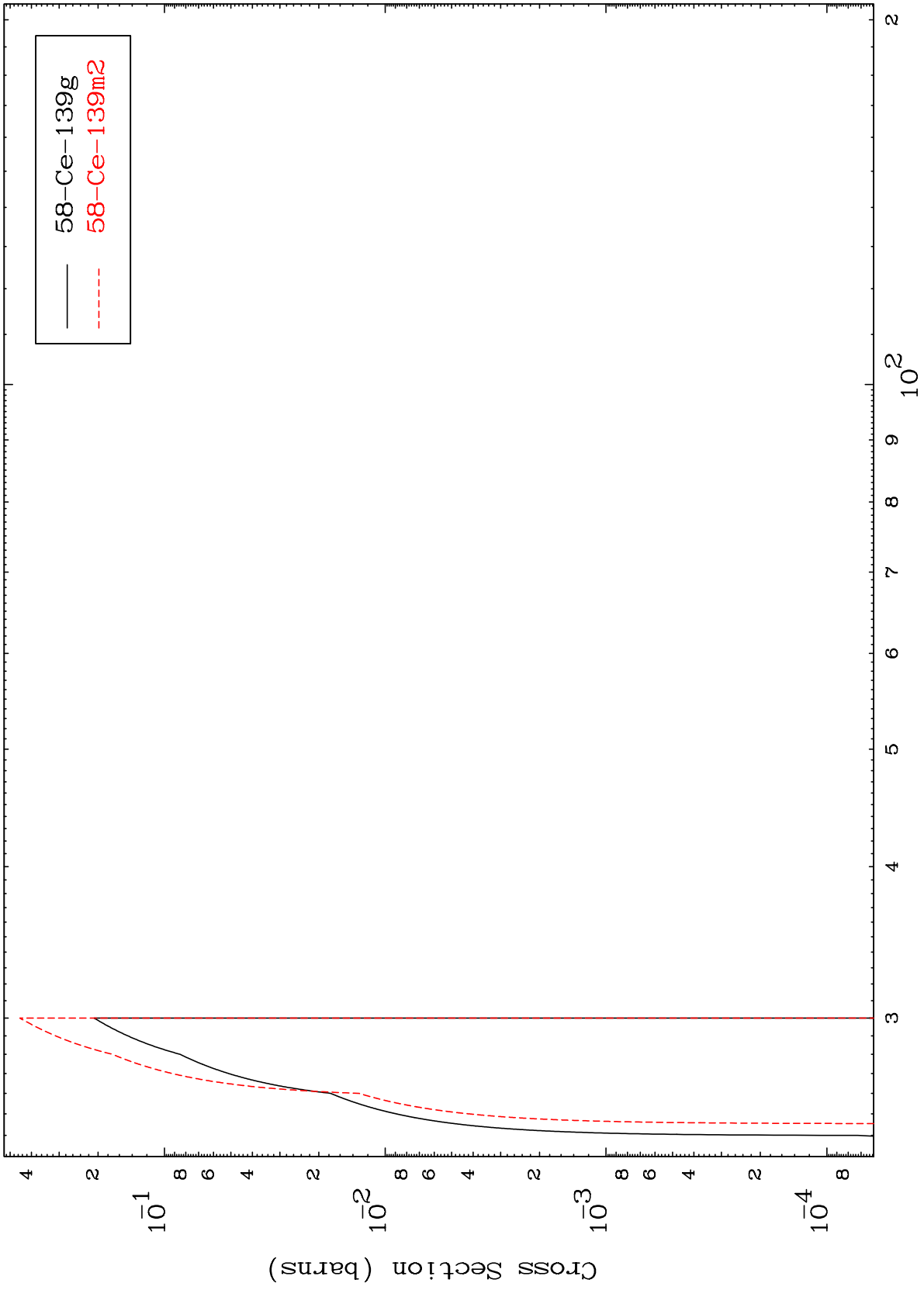
56-Ba-138

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(n,3n)

56-Ba-138

Radionuclide Production Cross Section



11

Incident Energy (MeV)

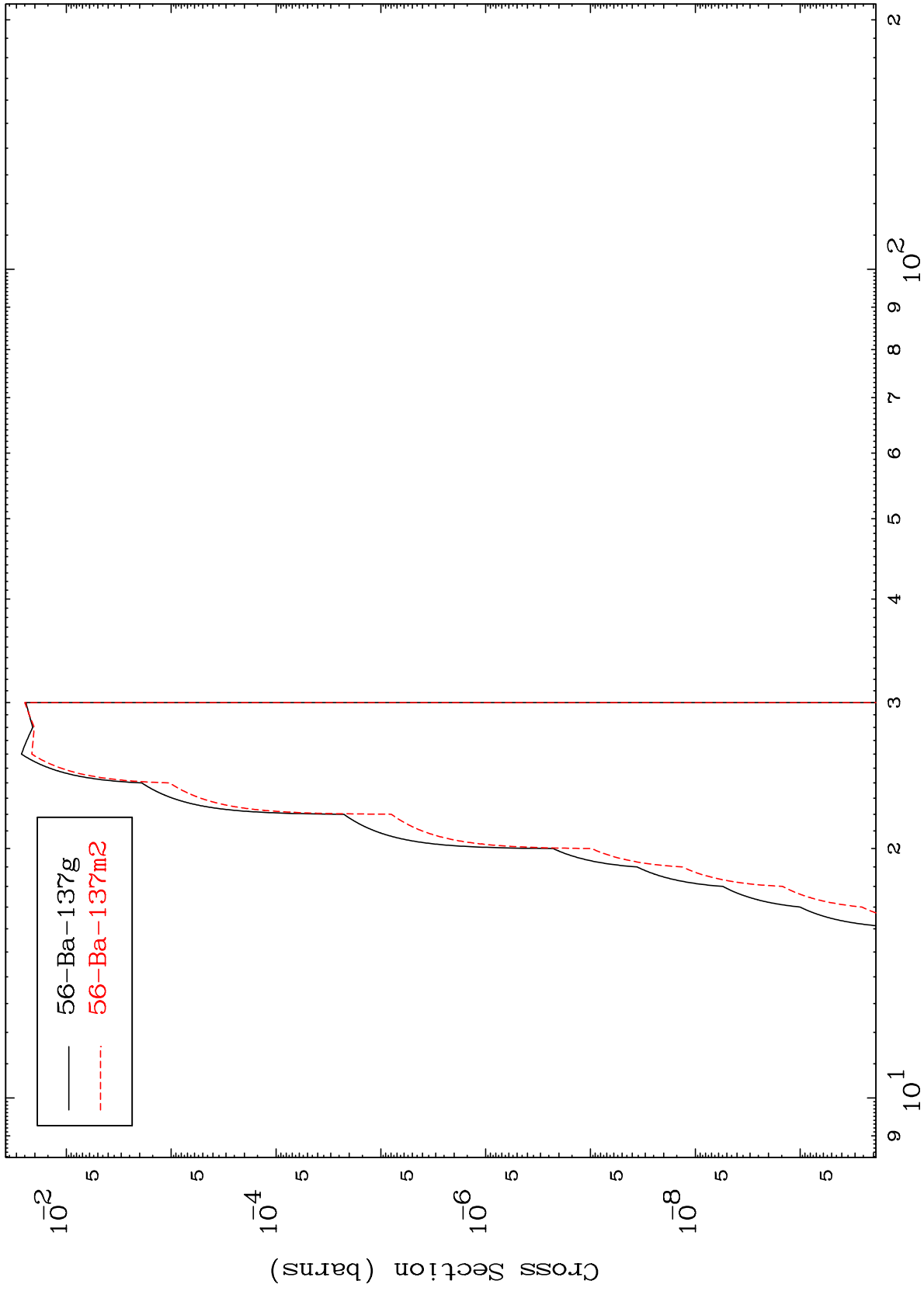
56-Ba-138

MAT 5649

(n,n') α

56-Ba-138

Radionuclide Production Cross Section



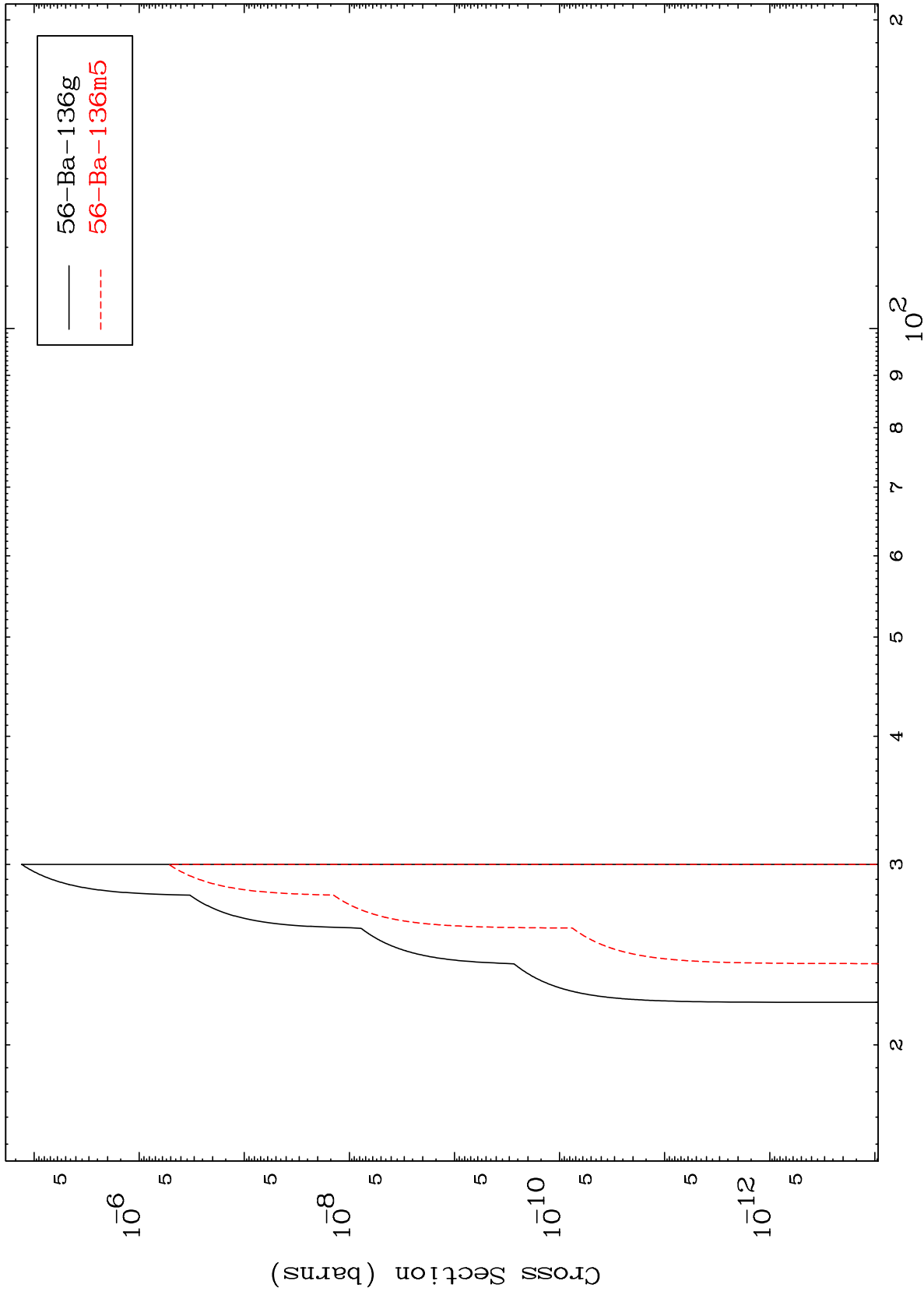
12

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(n,2n) α

56-Ba-138

Radionuclide Production Cross Section



13

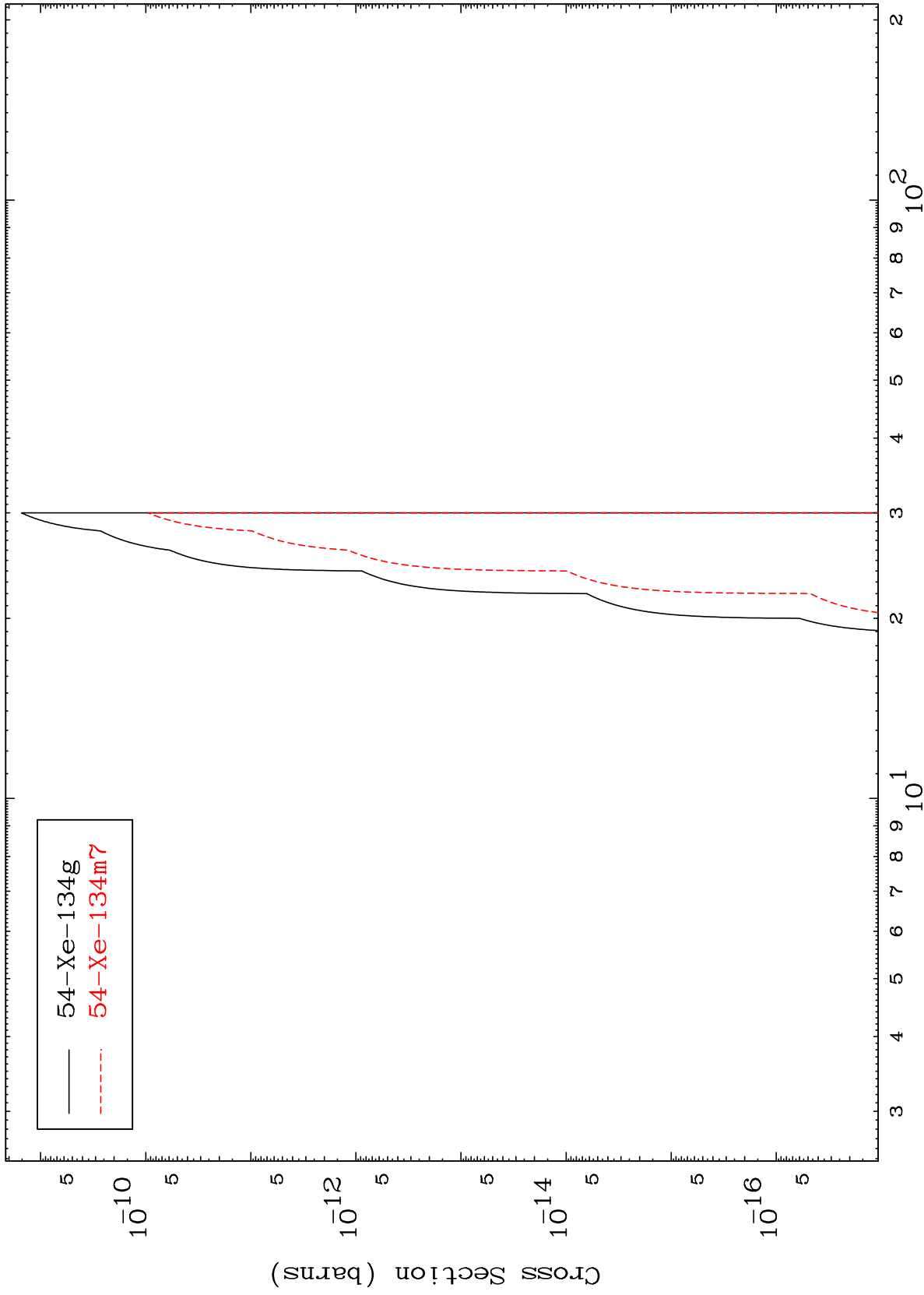
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

56-Ba-138