

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

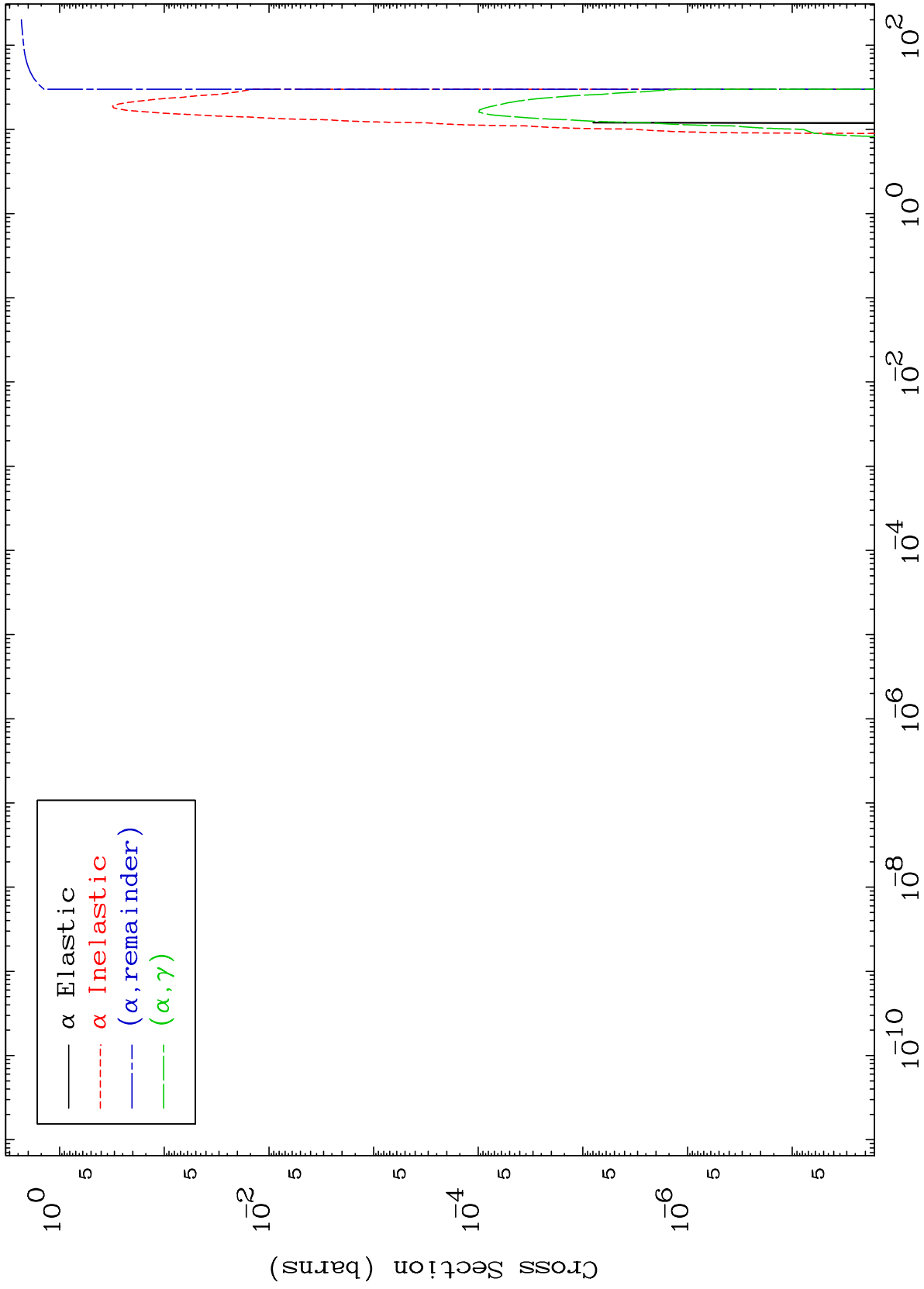
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5637

0 Kelvin α Major

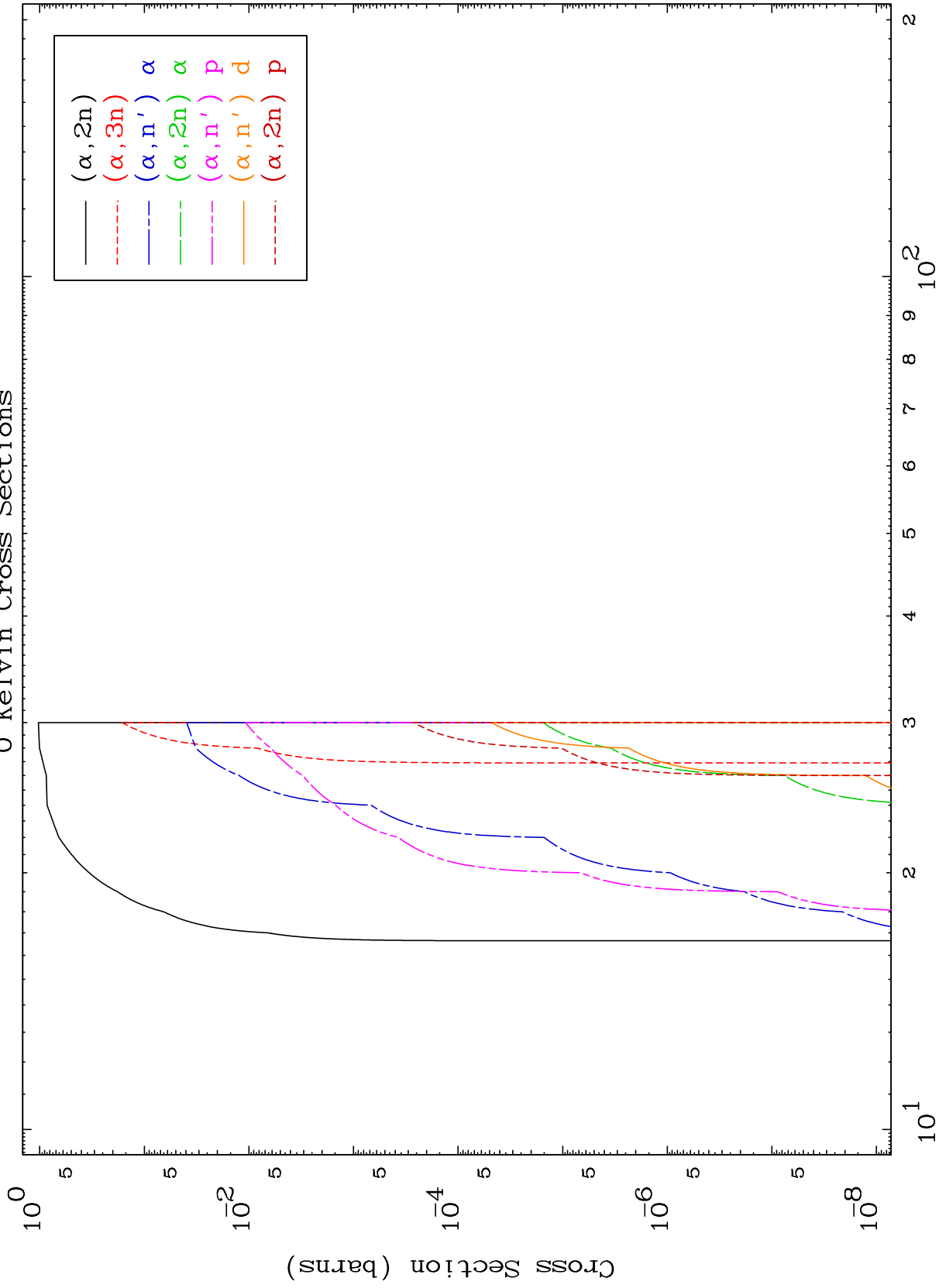
56-Ba-134



MAT 5637

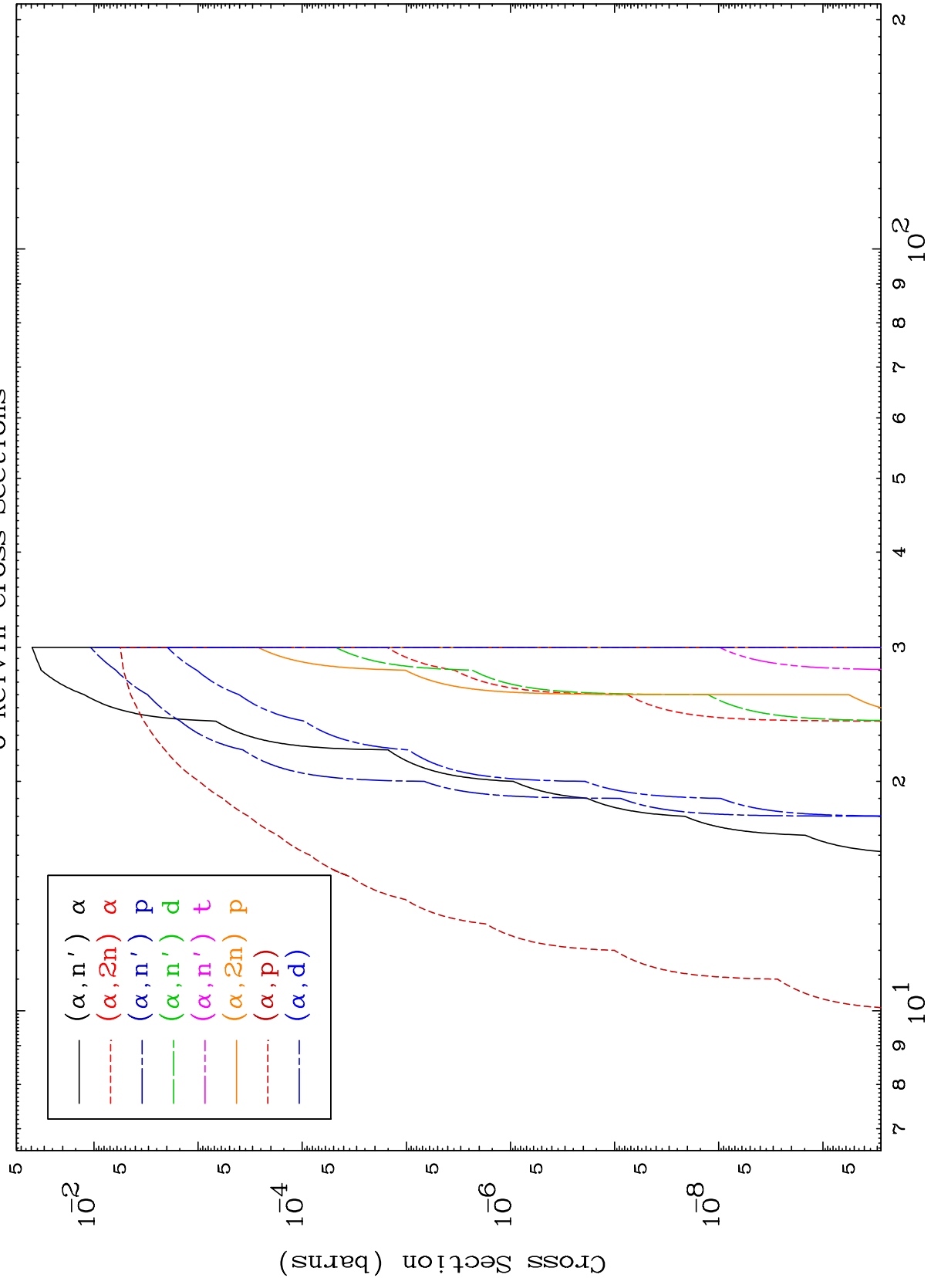
α Neutron Production
0 Kelvin Cross Sections

56-Ba-134



Incident Energy (MeV)

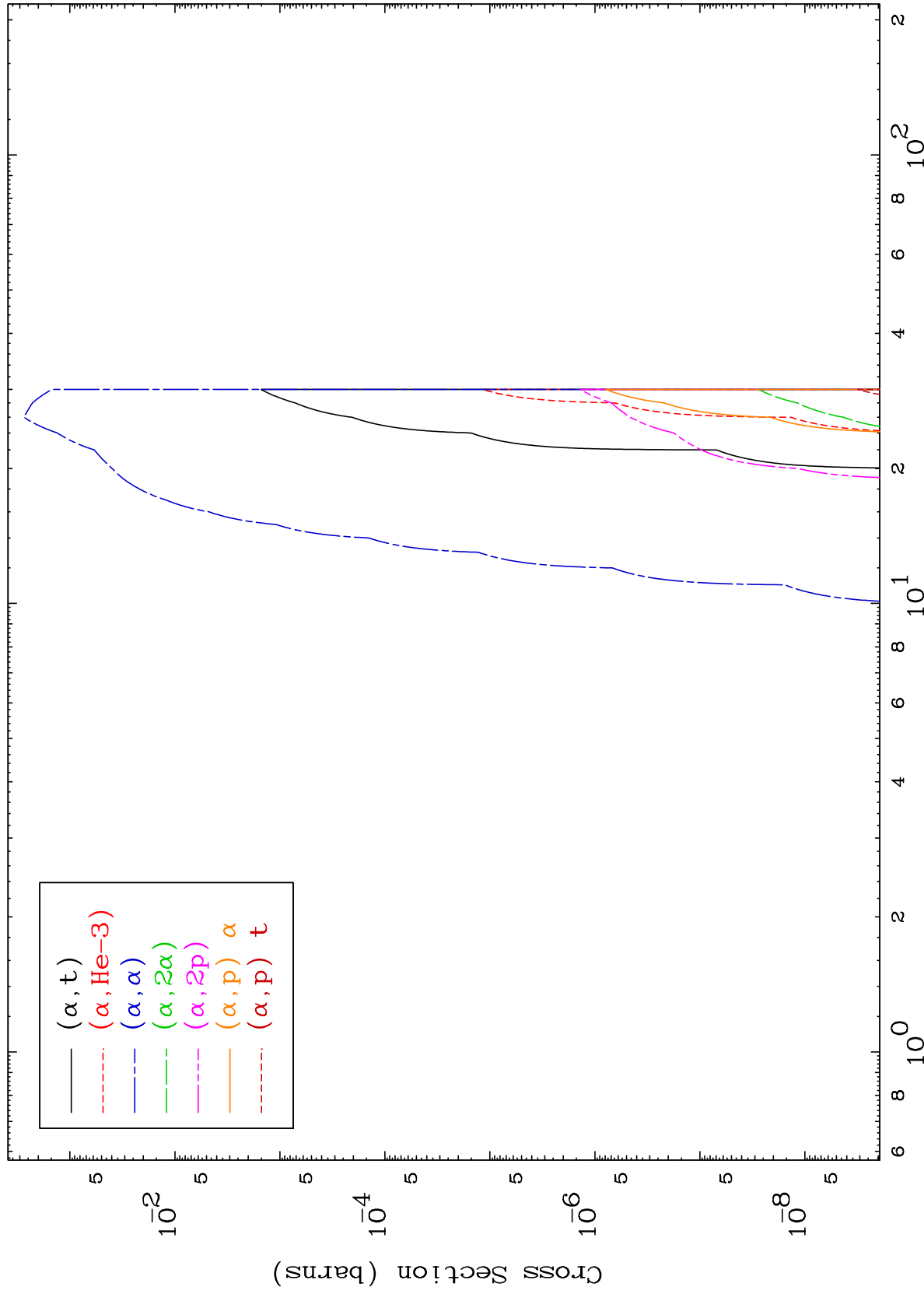
56-Ba-134



MAT 5637

α Charged Particle
0 Kelvin Cross Sections

56-Ba-134



4

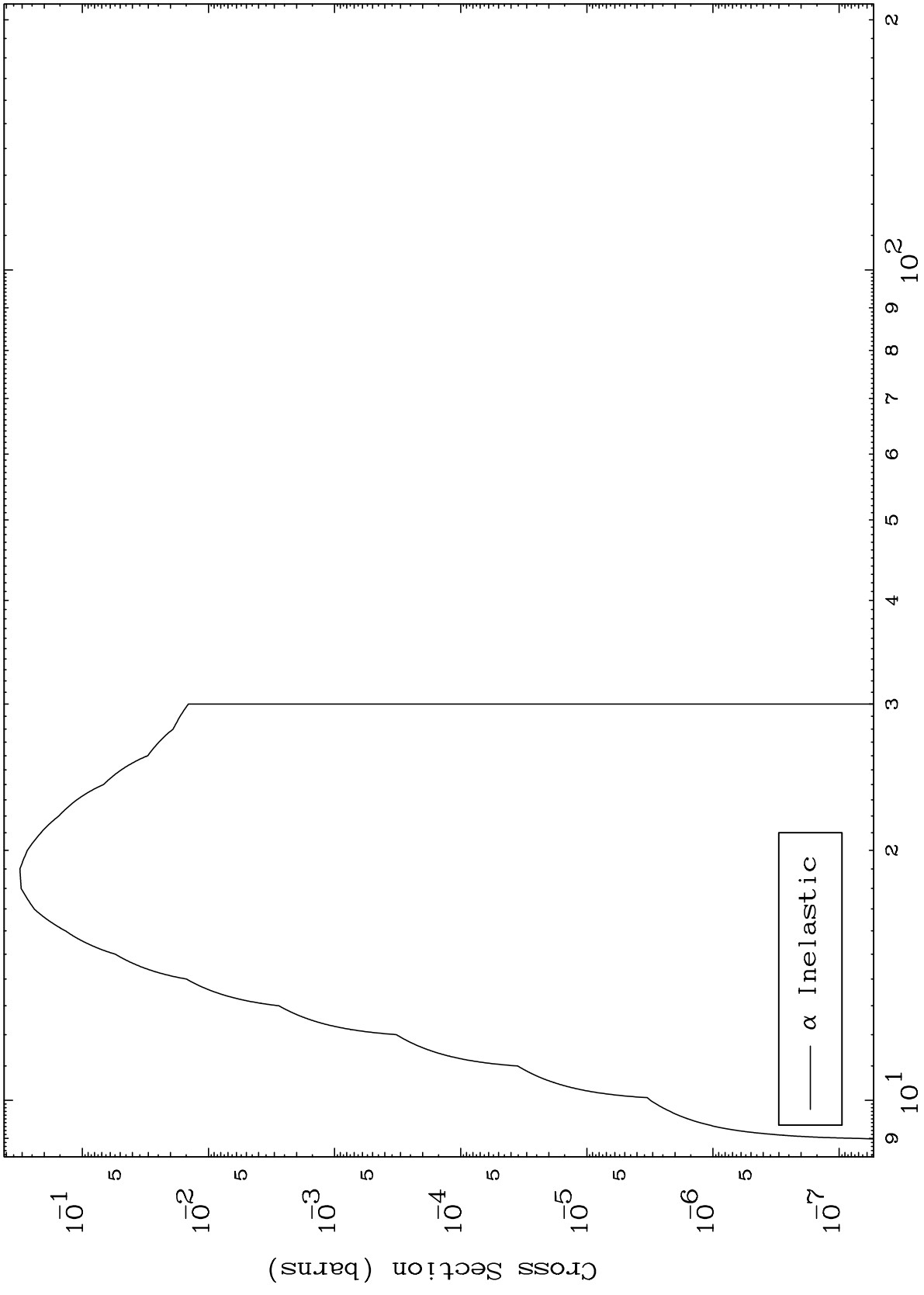
Incident Energy (MeV)

56-Ba-134

MAT 5637

(α, n') Level
0 Kelvin Cross Sections

56-Ba-134



5

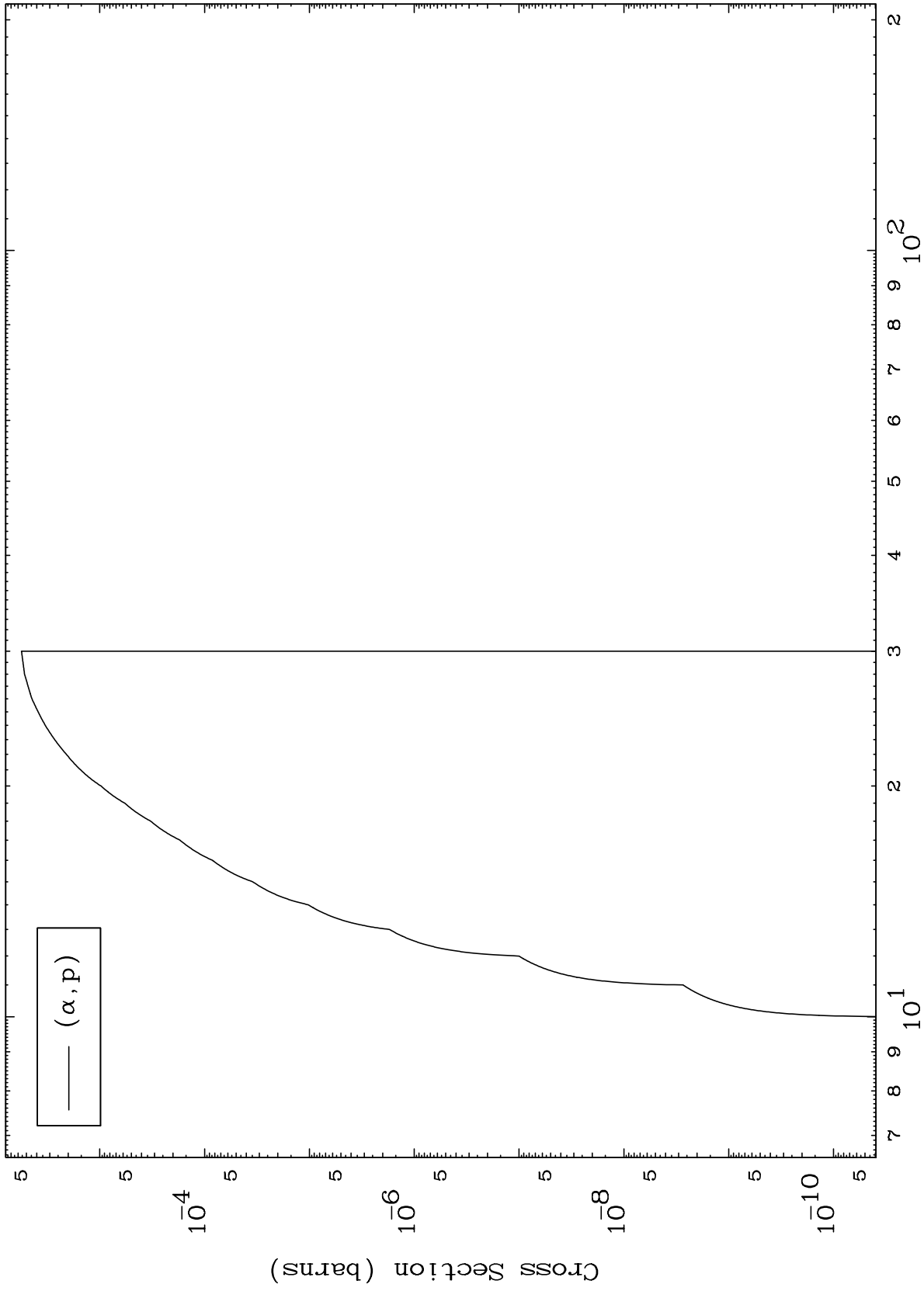
Incident Energy (MeV)

56-Ba-134

MAT 5637

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-134



6

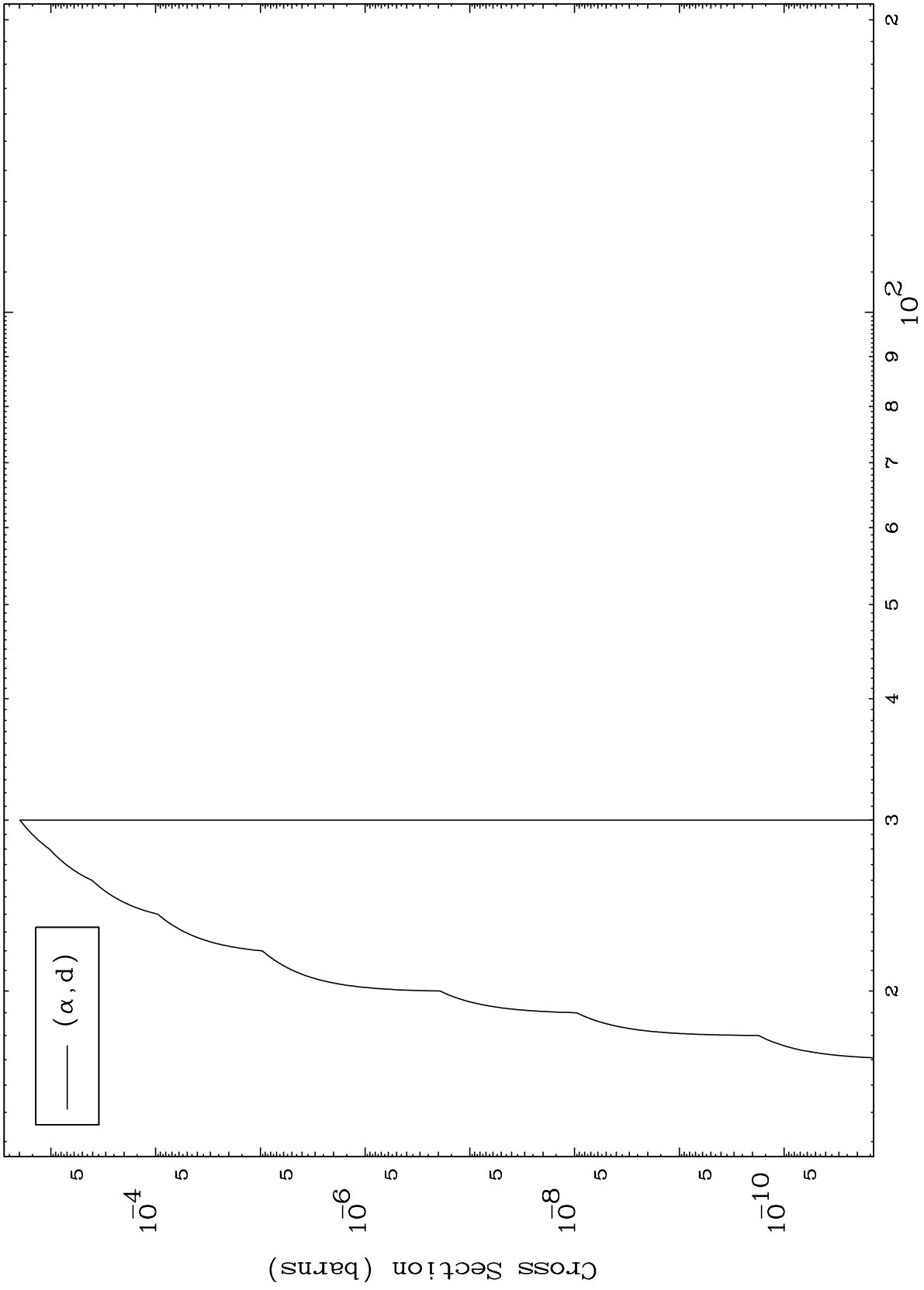
Incident Energy (MeV)

56-Ba-134

MAT 5637

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-134



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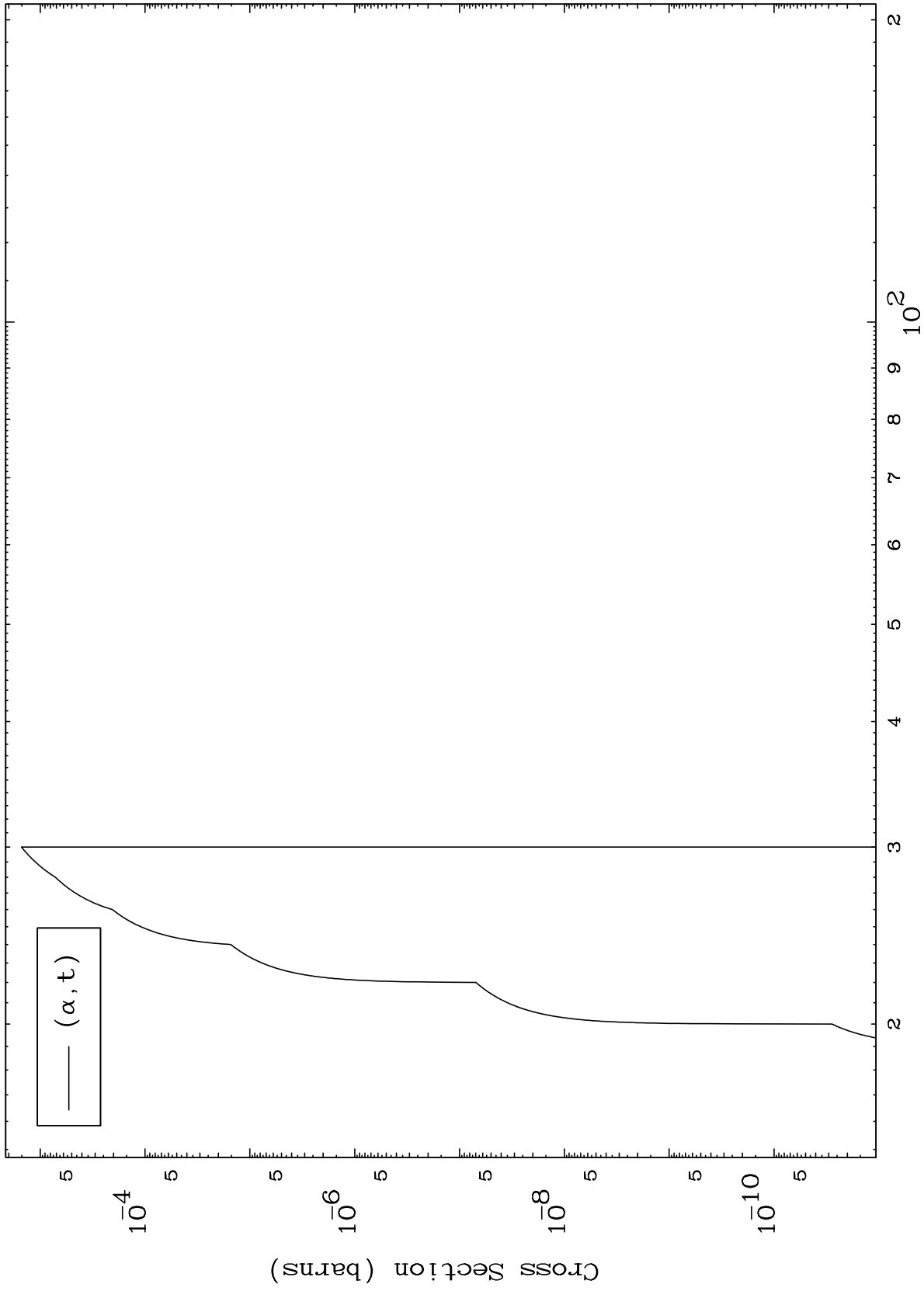
Incident Energy (MeV)

56-Ba-134

MAT 5637

(α, t) Levels
0 Kelvin Cross Sections

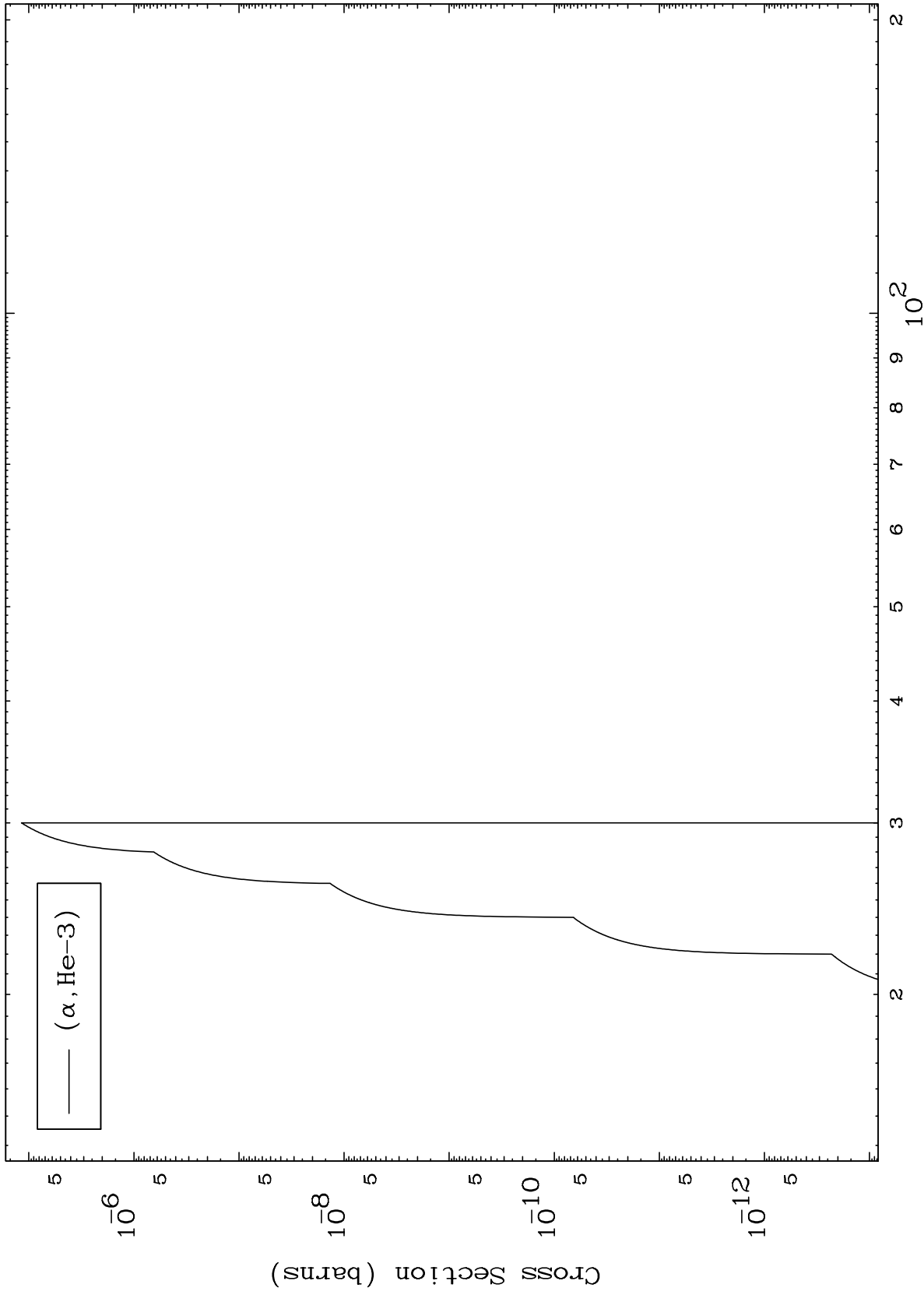
56-Ba-134



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Incident Energy (MeV)

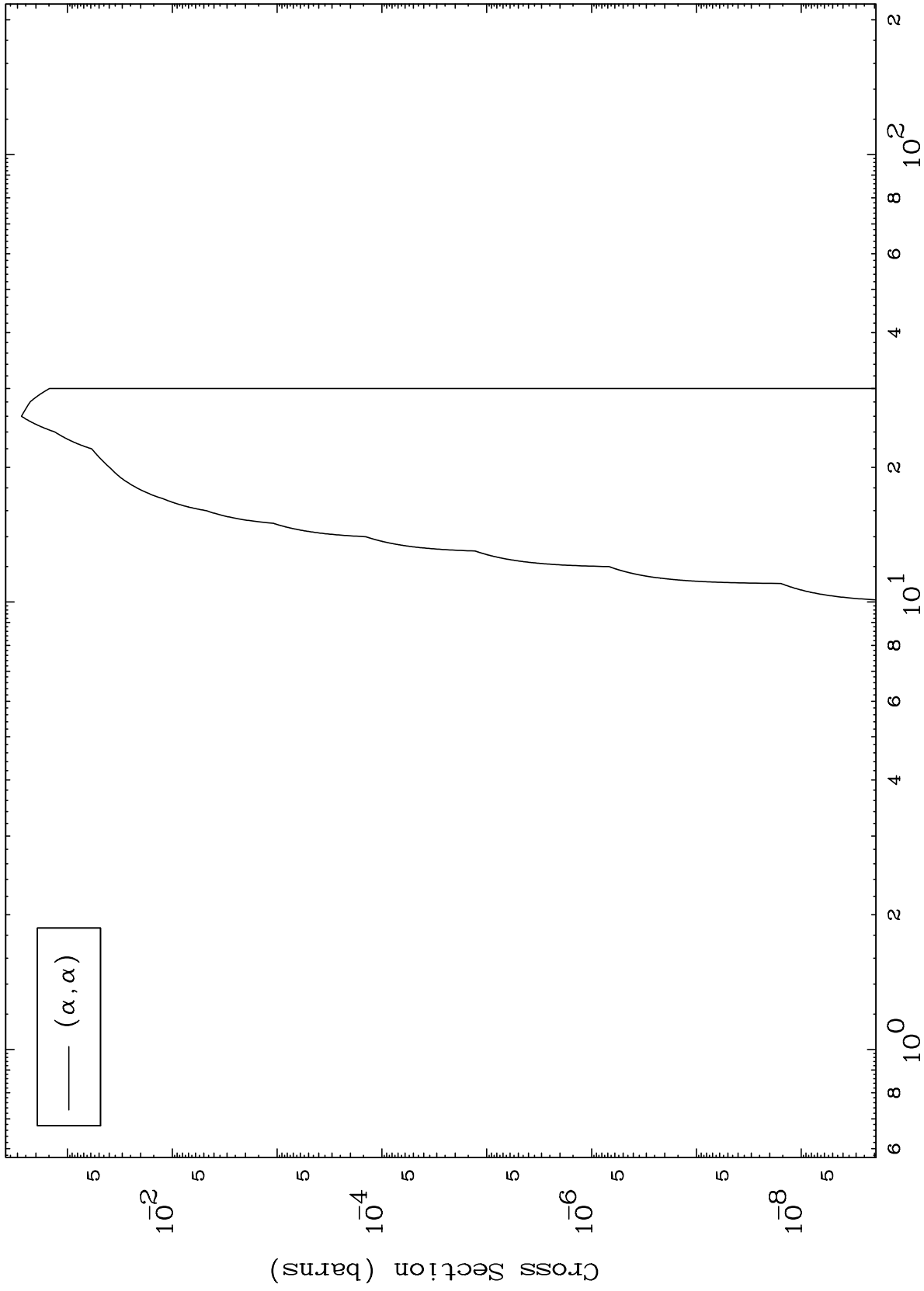
56-Ba-134



MAT 5637

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-134



10

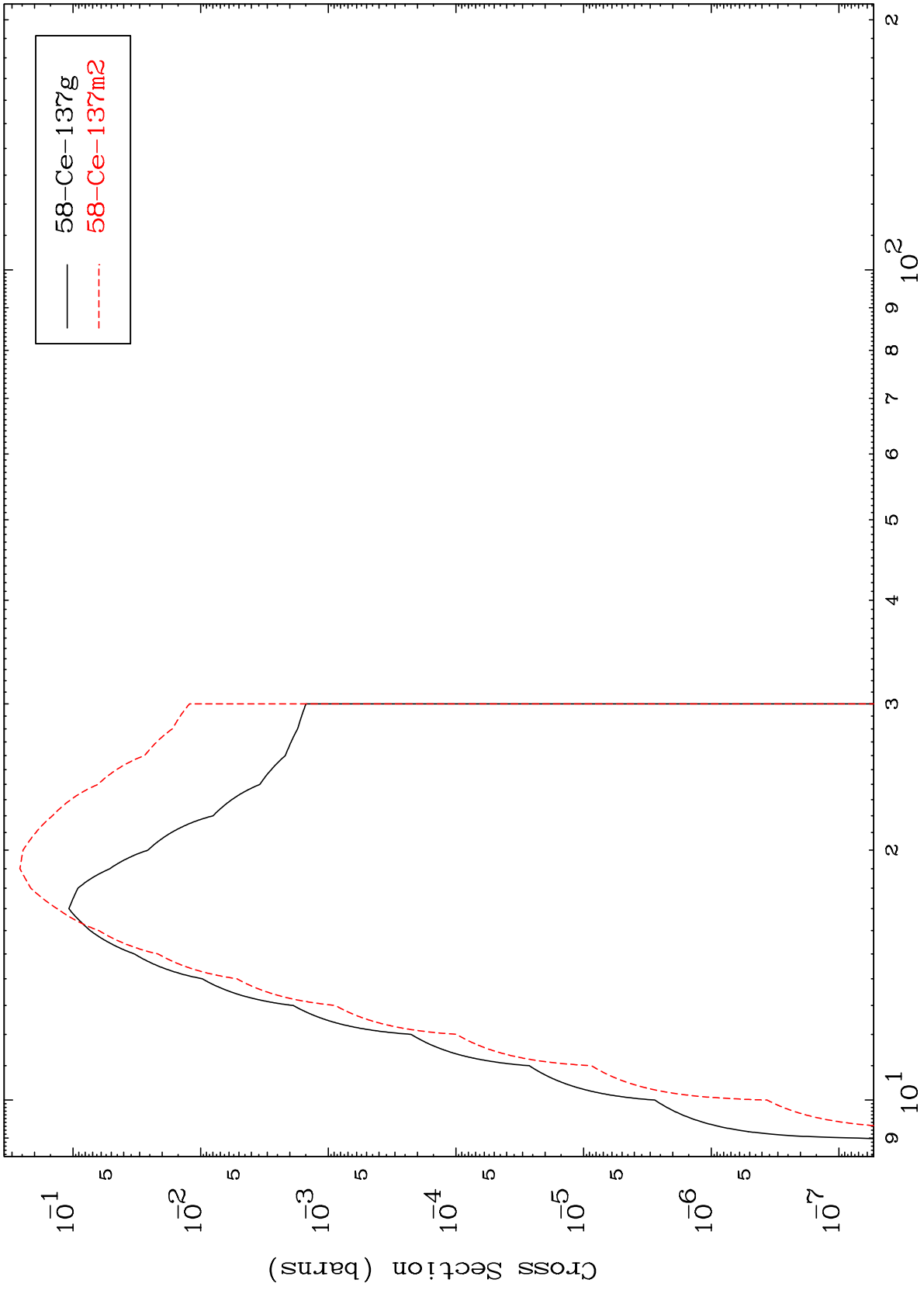
Incident Energy (MeV)

56-Ba-134

MAT 5637

α Inelastic
Radionuclide Production Cross Section

56-Ba-134



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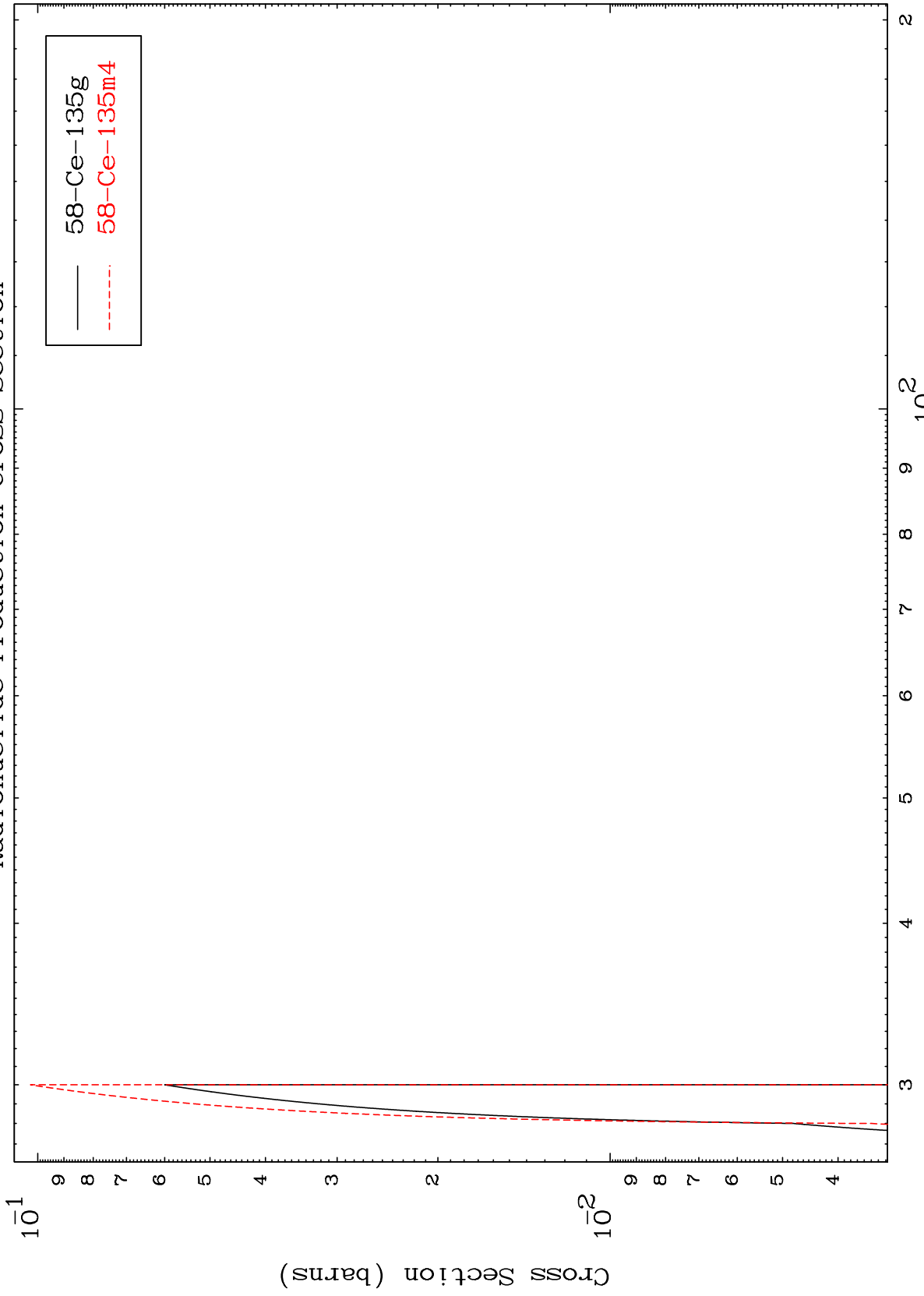
Incident Energy (MeV)

56-Ba-134

MAT 5637

56-Ba-134

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



12

Incident Energy (MeV)

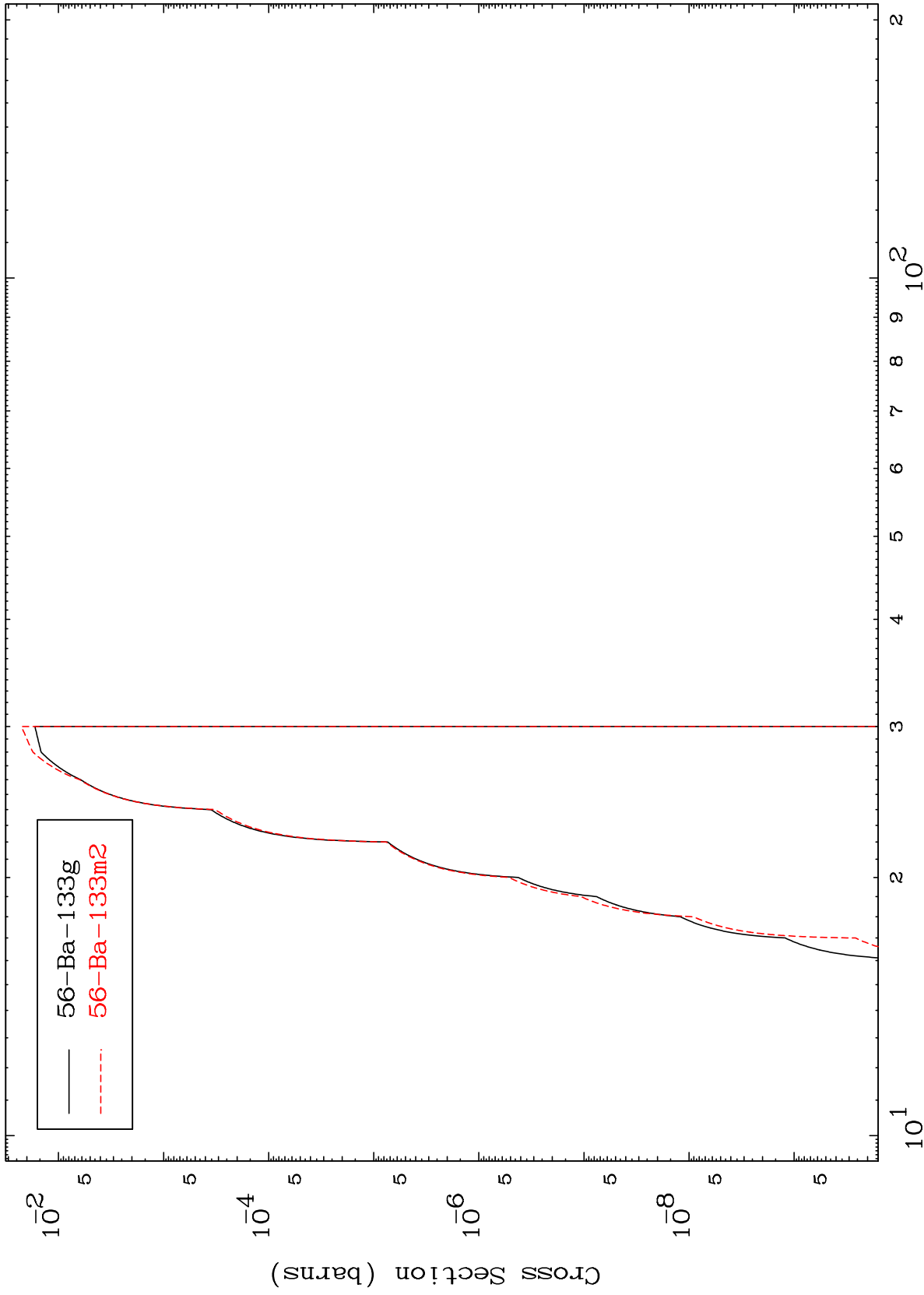
56-Ba-134

MAT 5637

(α, n') α

56-Ba-134

Radionuclide Production Cross Section



13

Incident Energy (MeV)

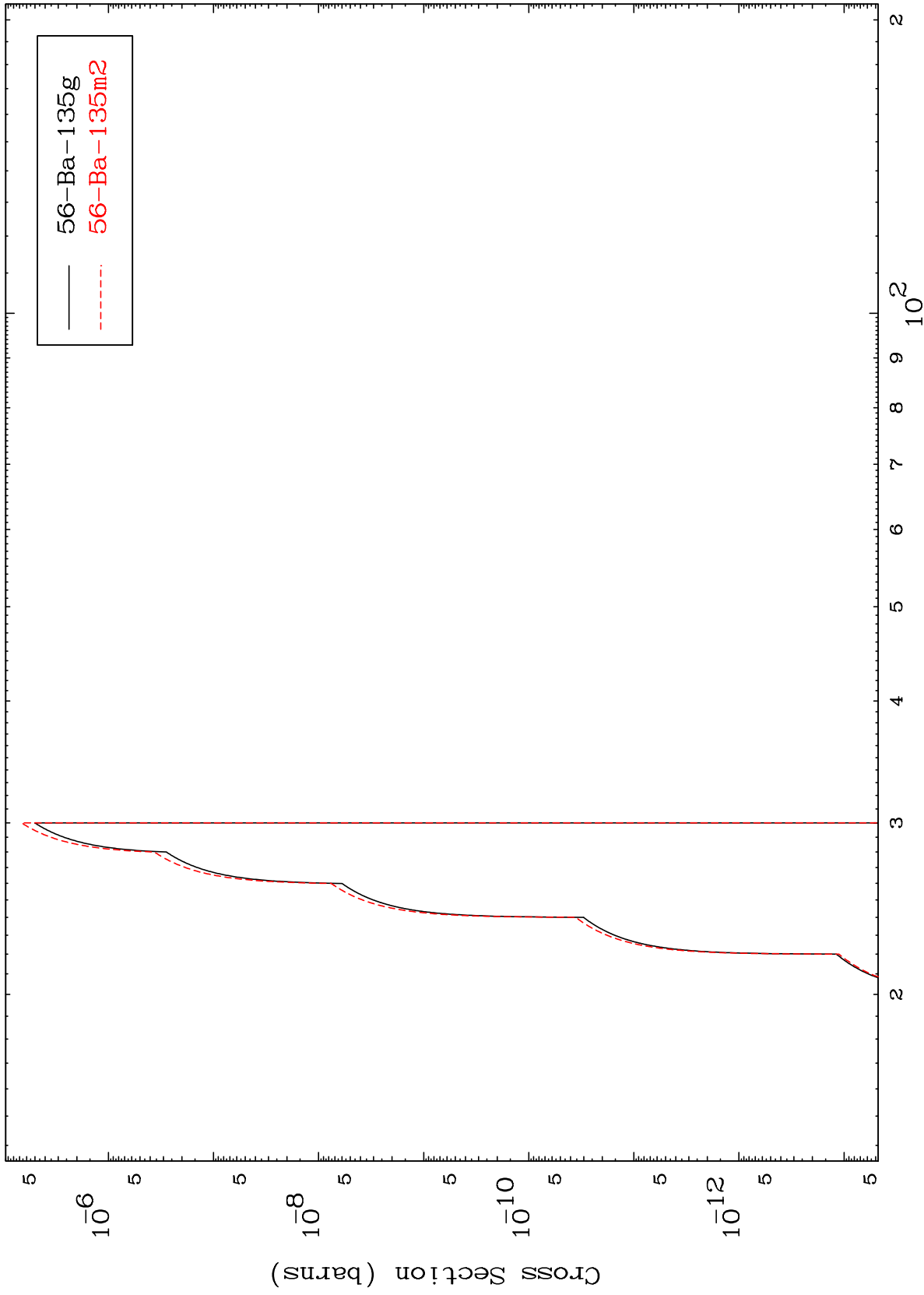
56-Ba-134

MAT 5637

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

56-Ba-134

Radionuclide Production Cross Section



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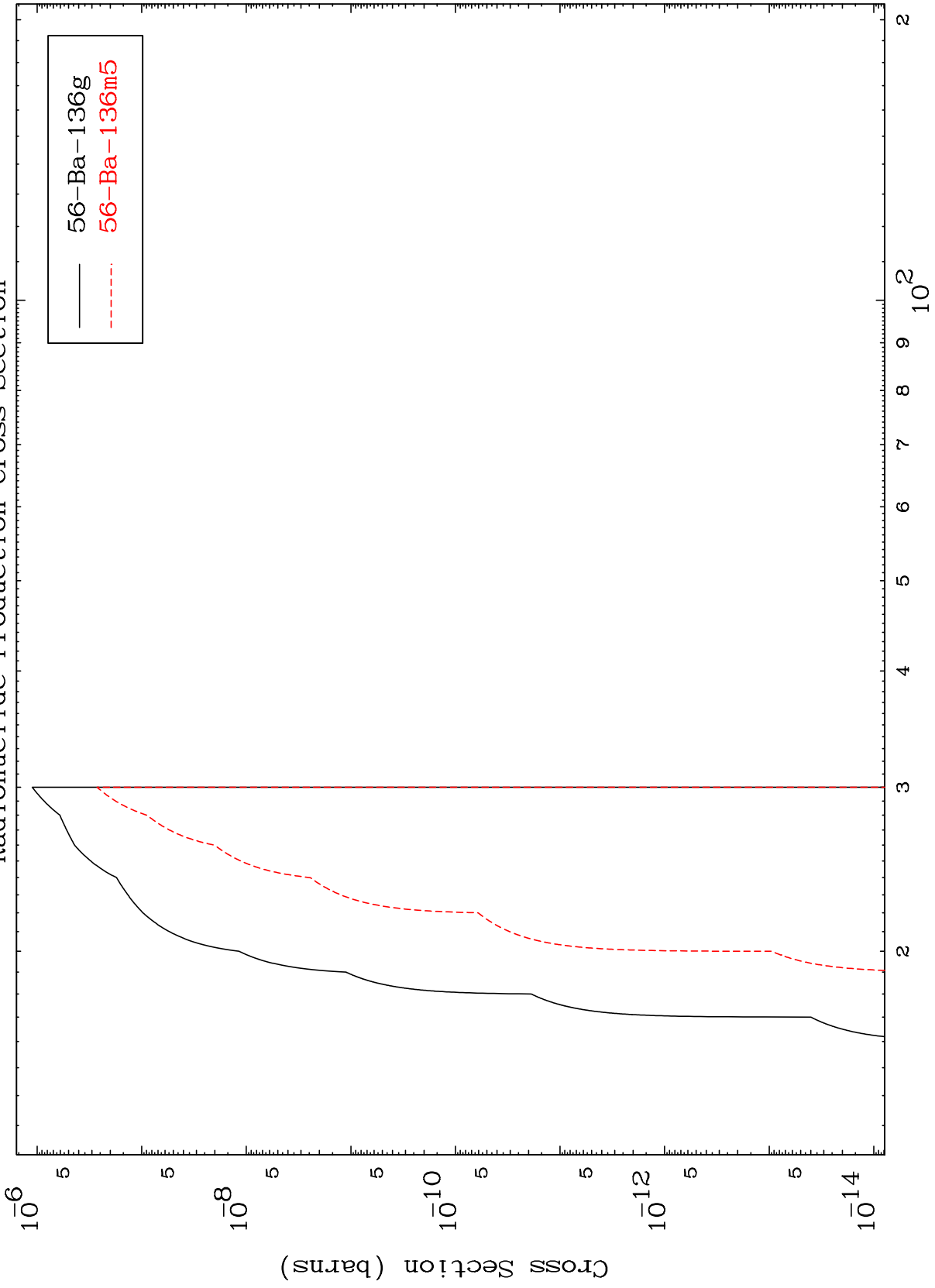
Incident Energy (MeV)

56-Ba-134

MAT 5637

56-Ba-134

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



15

Incident Energy (MeV)

56-Ba-134