

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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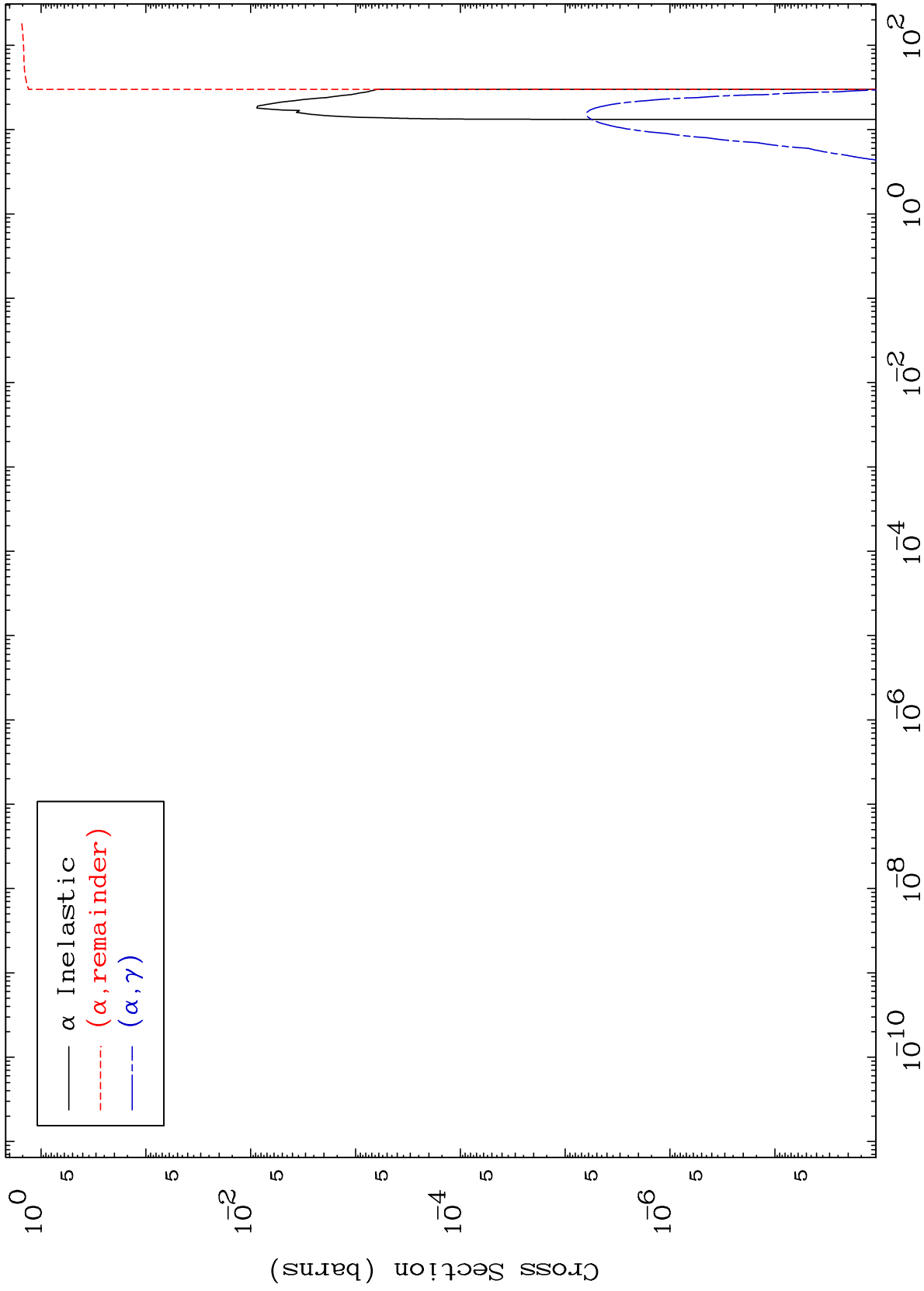
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2819

0 Kelvin α Major
Cross Sections

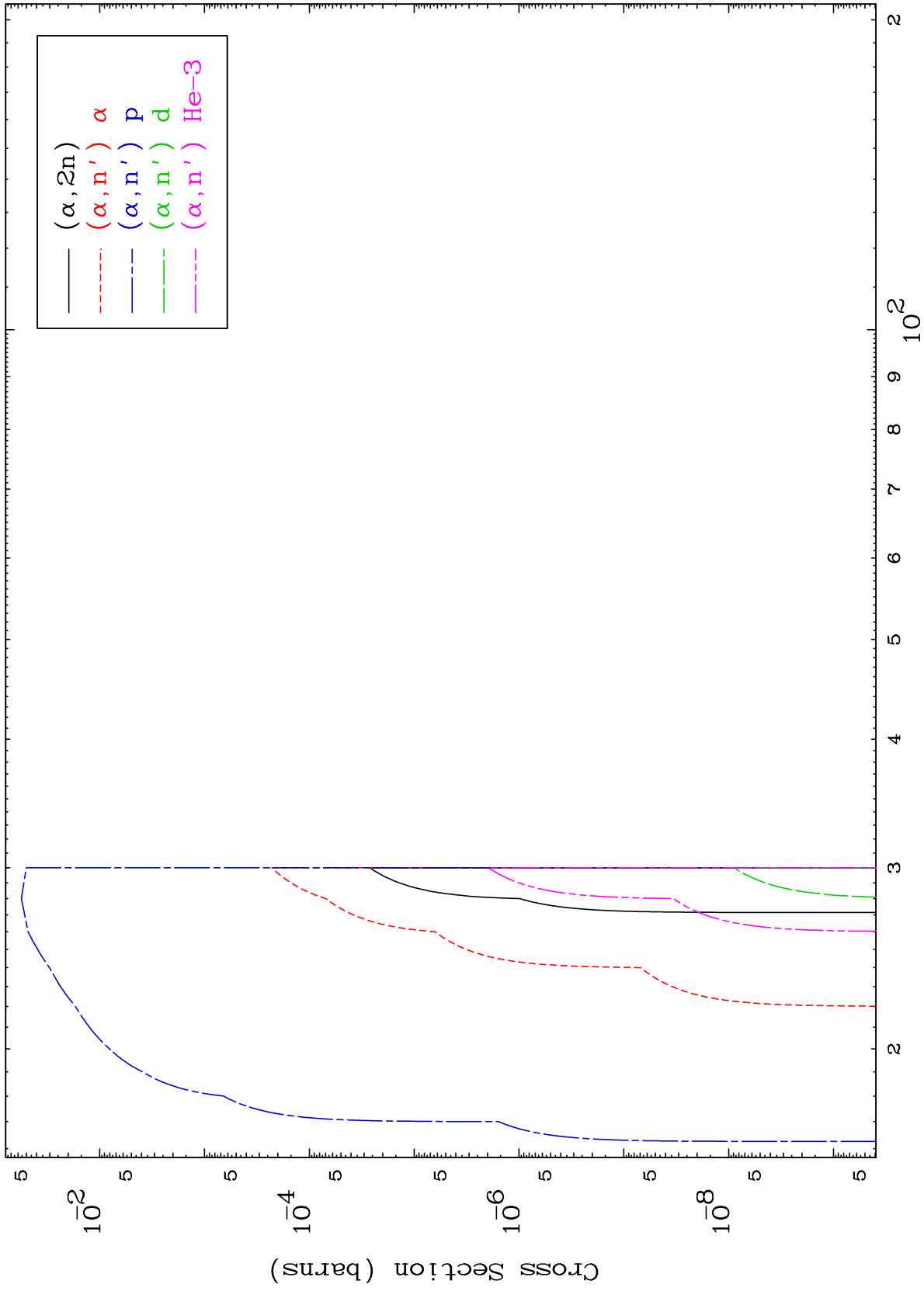
28-Ni-56



MAT 2819

α Neutron Production
0 Kelvin Cross Sections

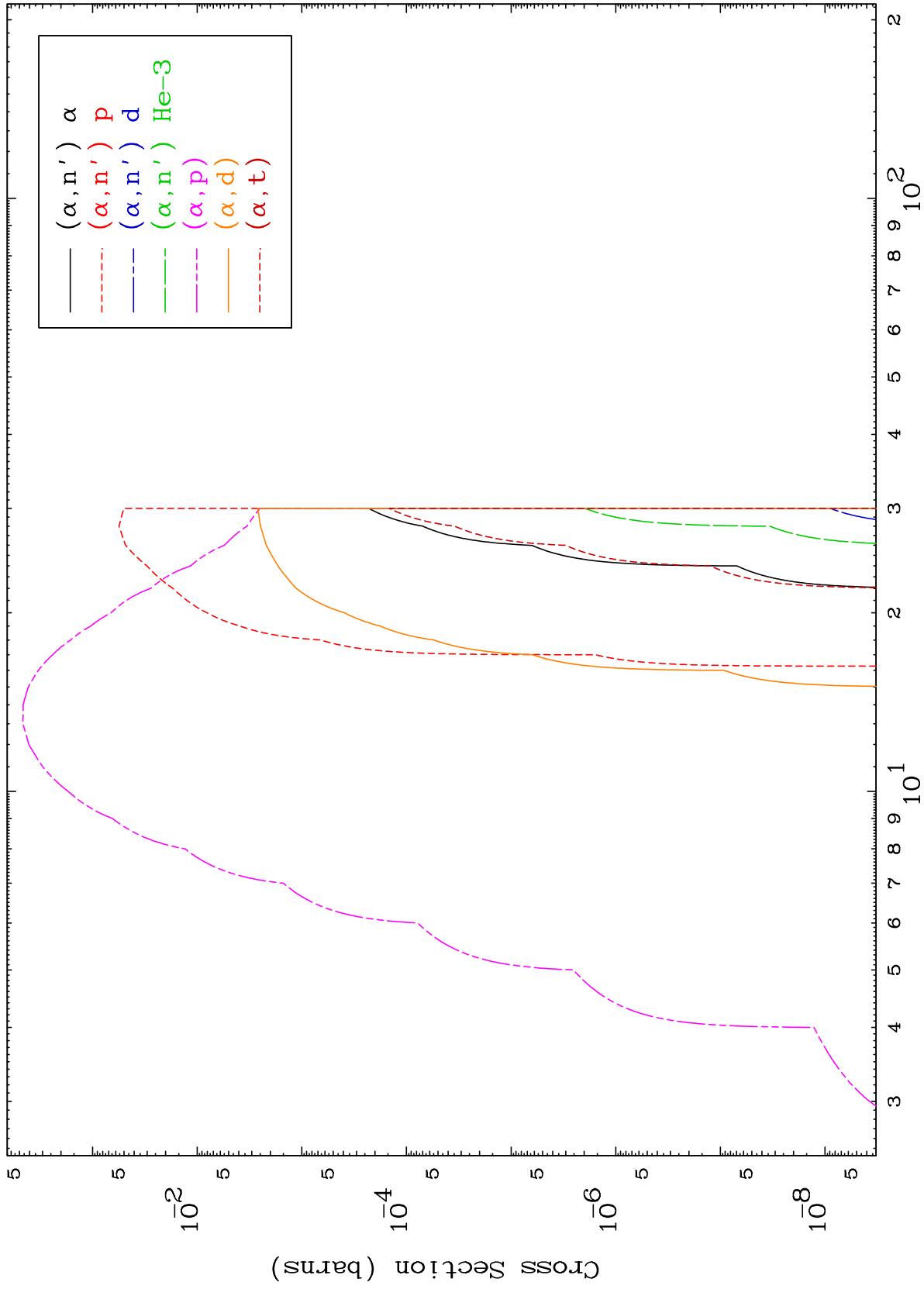
²⁸Ni-56



2

Incident Energy (MeV)

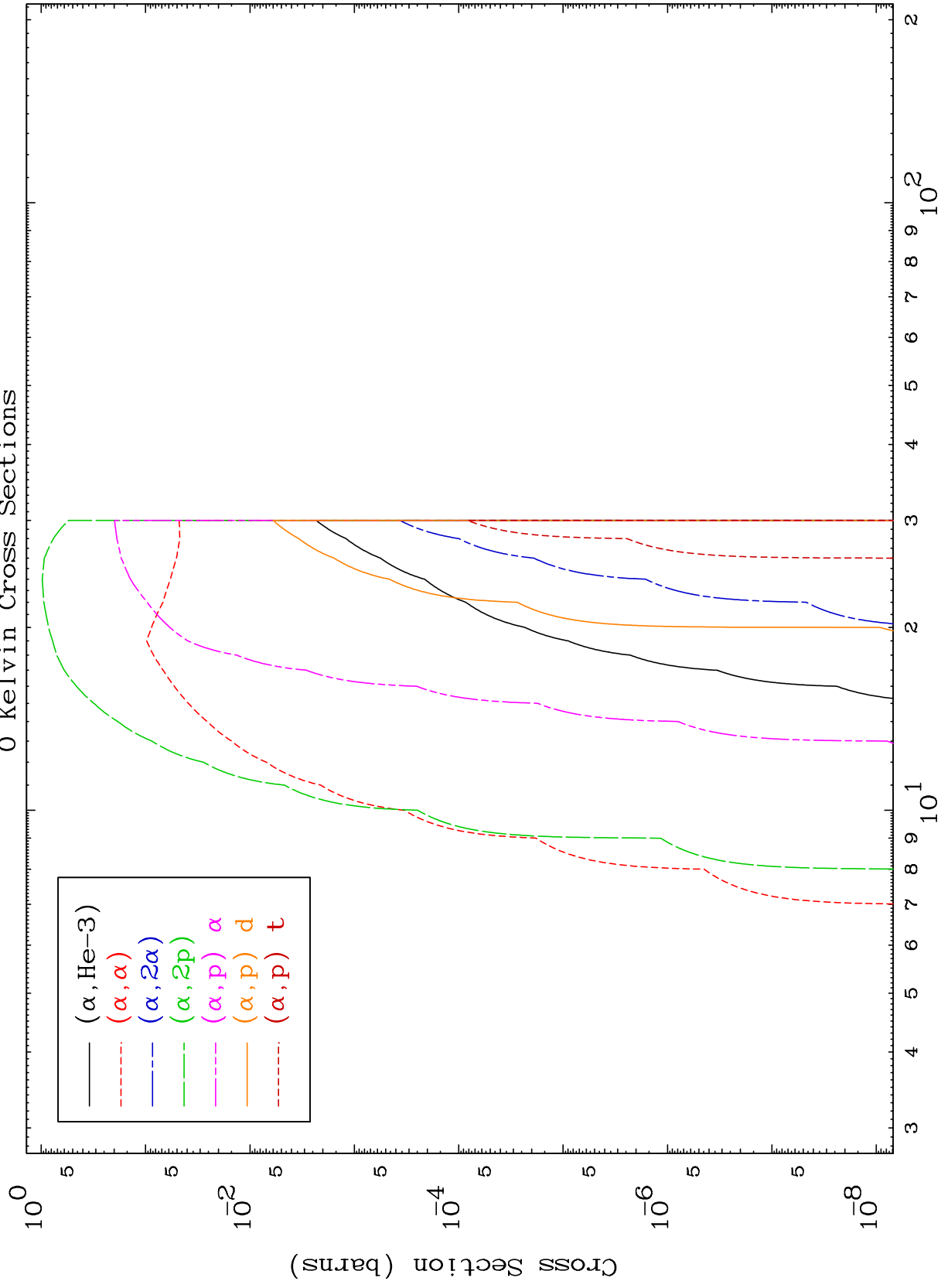
²⁸Ni-56



MAT 2819

α Charged Particle
0 Kelvin Cross Sections

28-Ni-56



4

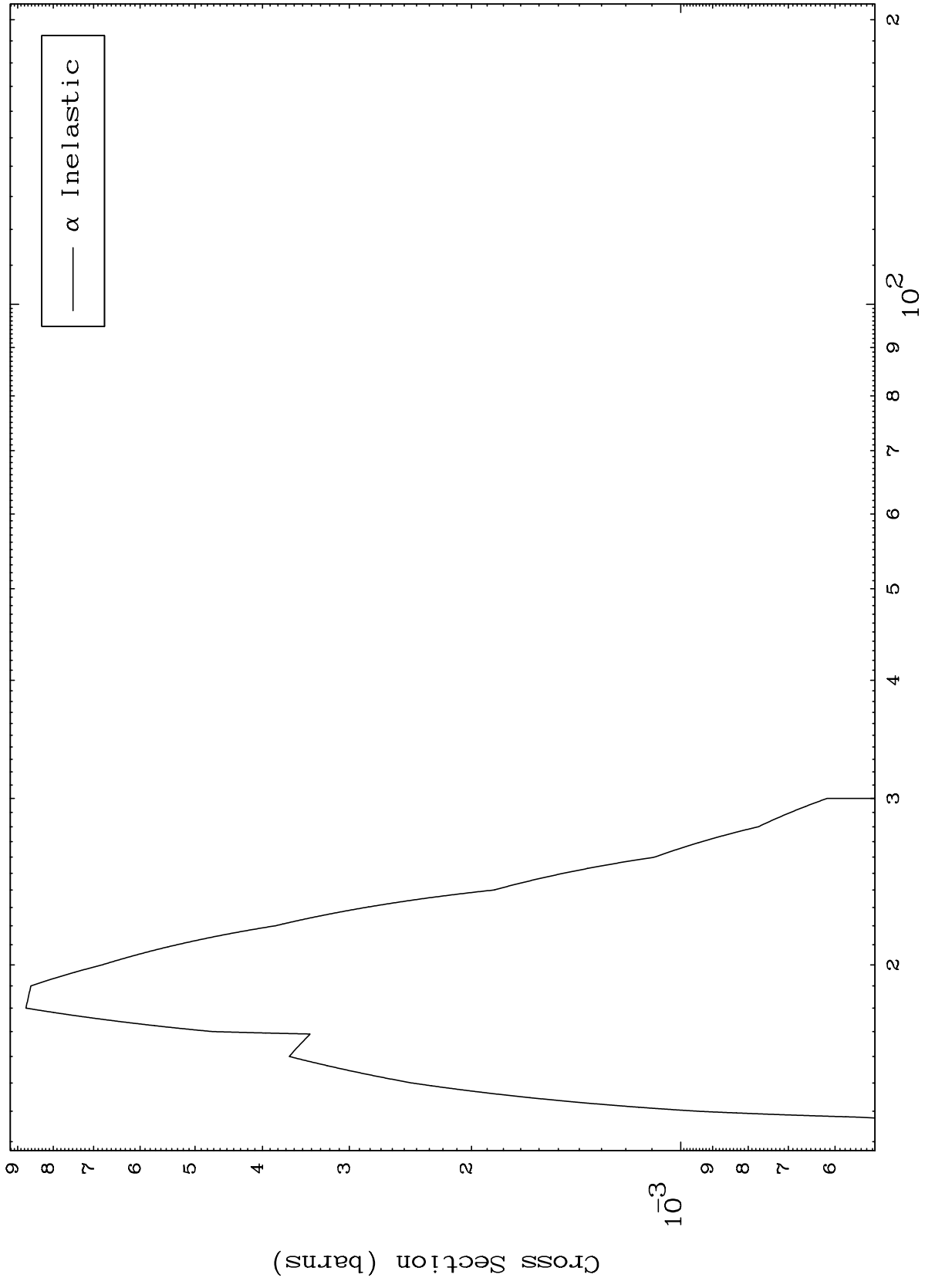
Incident Energy (MeV)

28-Ni-56

MAT 2819

(α, n') Level
0 Kelvin Cross Sections

28-Ni-56



5

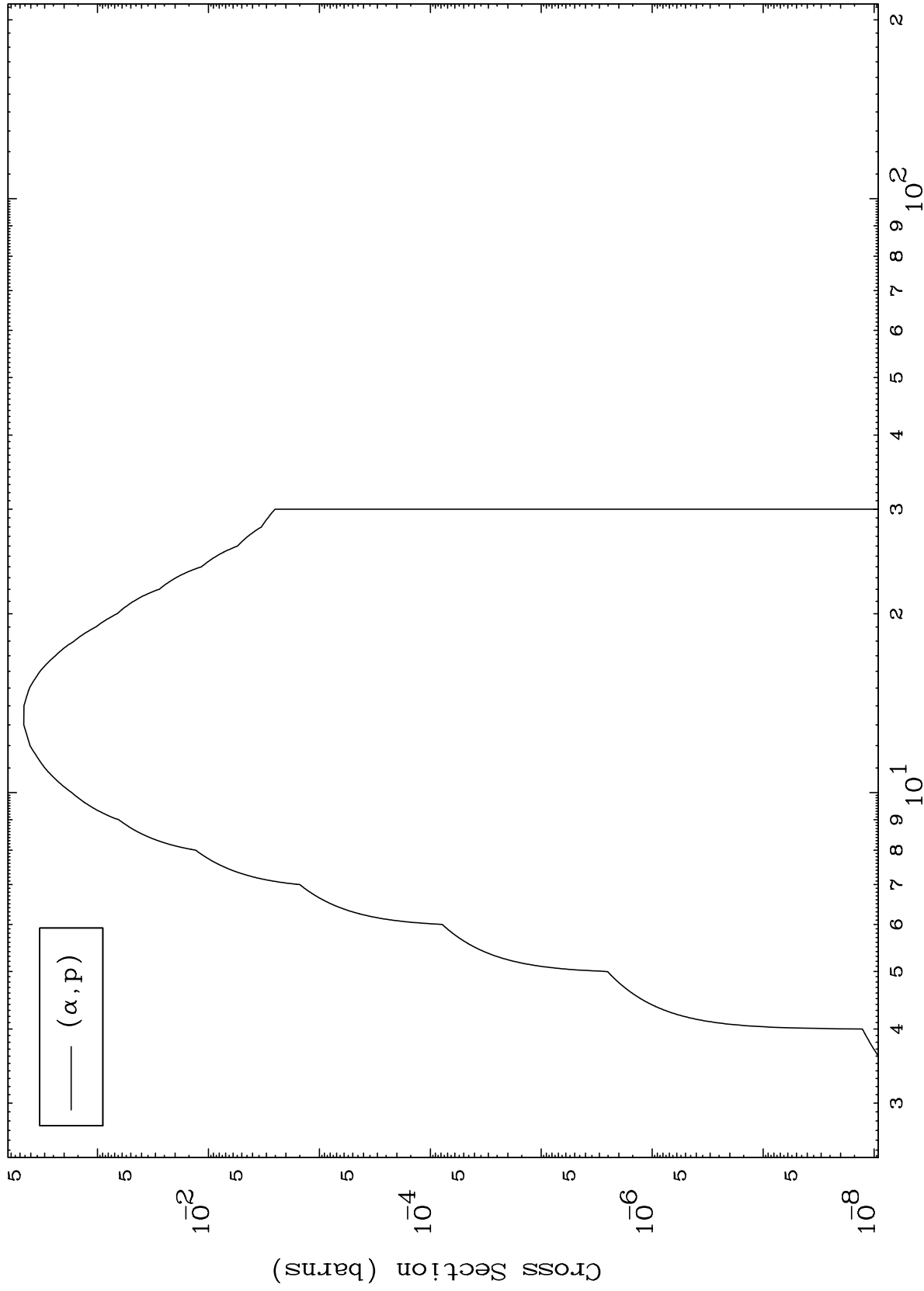
Incident Energy (MeV)

28-Ni-56

MAT 2819

(α, p) Levels
0 Kelvin Cross Sections

28-Ni-56



6

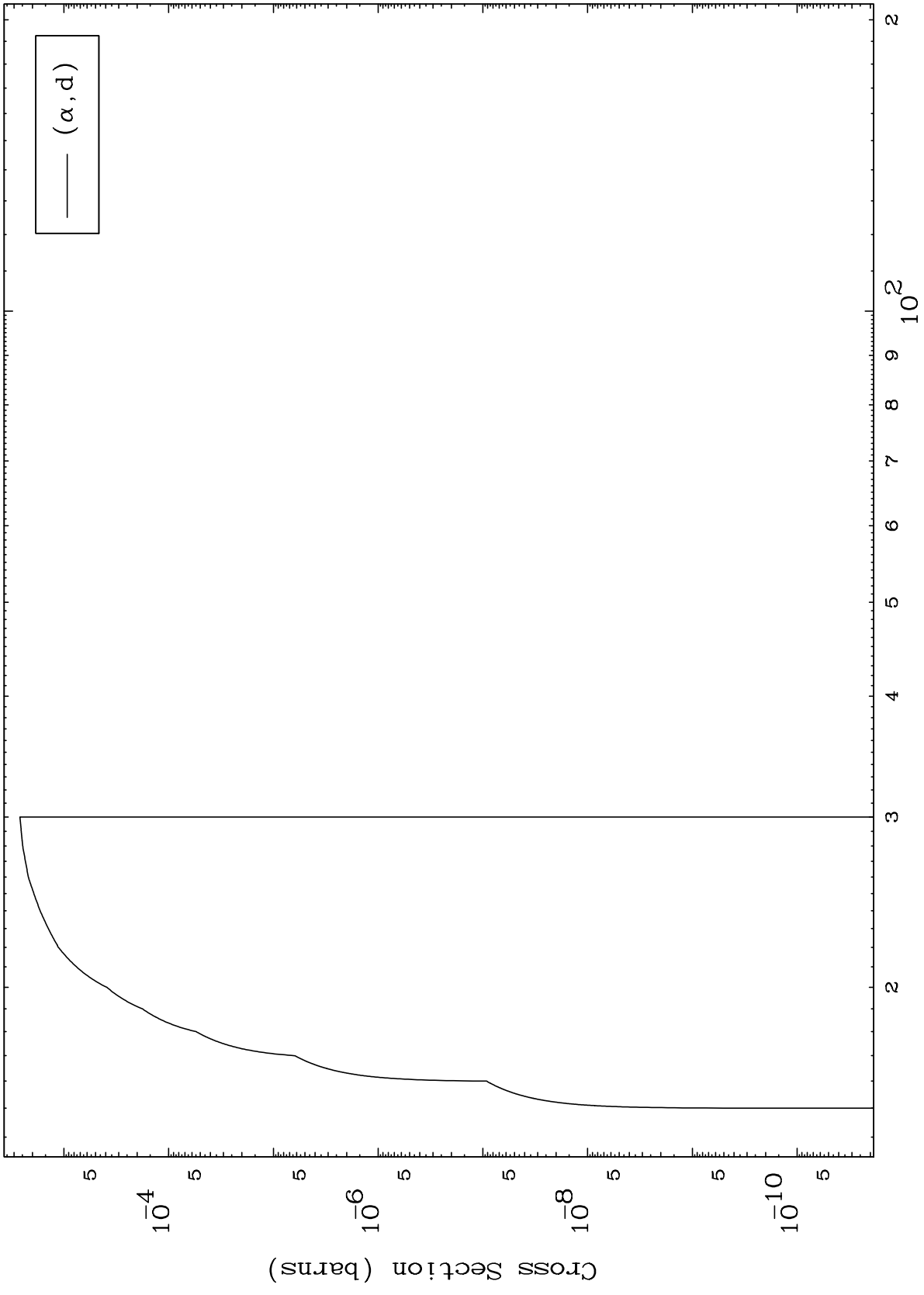
Incident Energy (MeV)

28-Ni-56

MAT 2819

(α, d) Levels
0 Kelvin Cross Sections

28-Ni-56



7

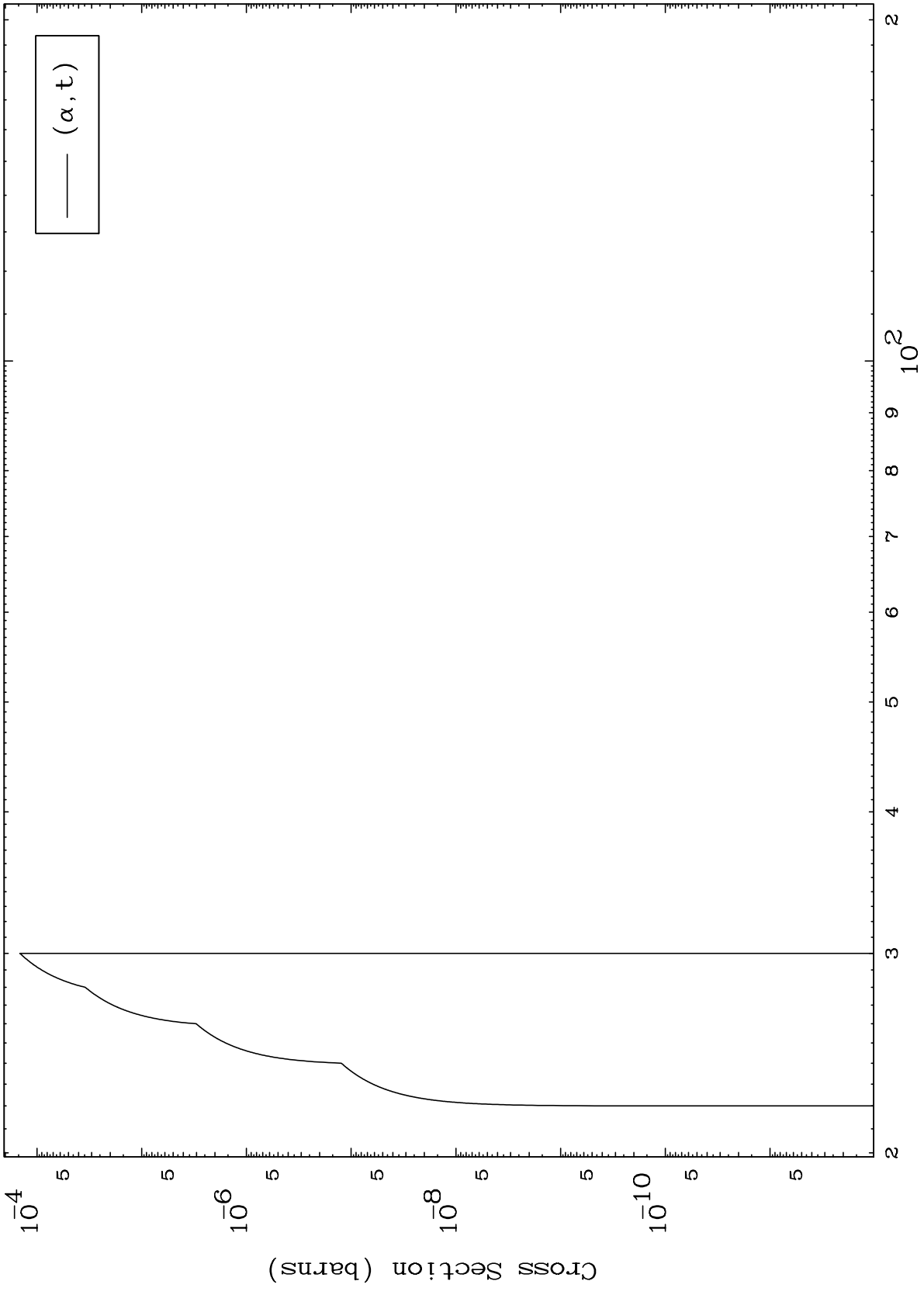
Incident Energy (MeV)

28-Ni-56

MAT 2819

(α, t) Levels
0 Kelvin Cross Sections

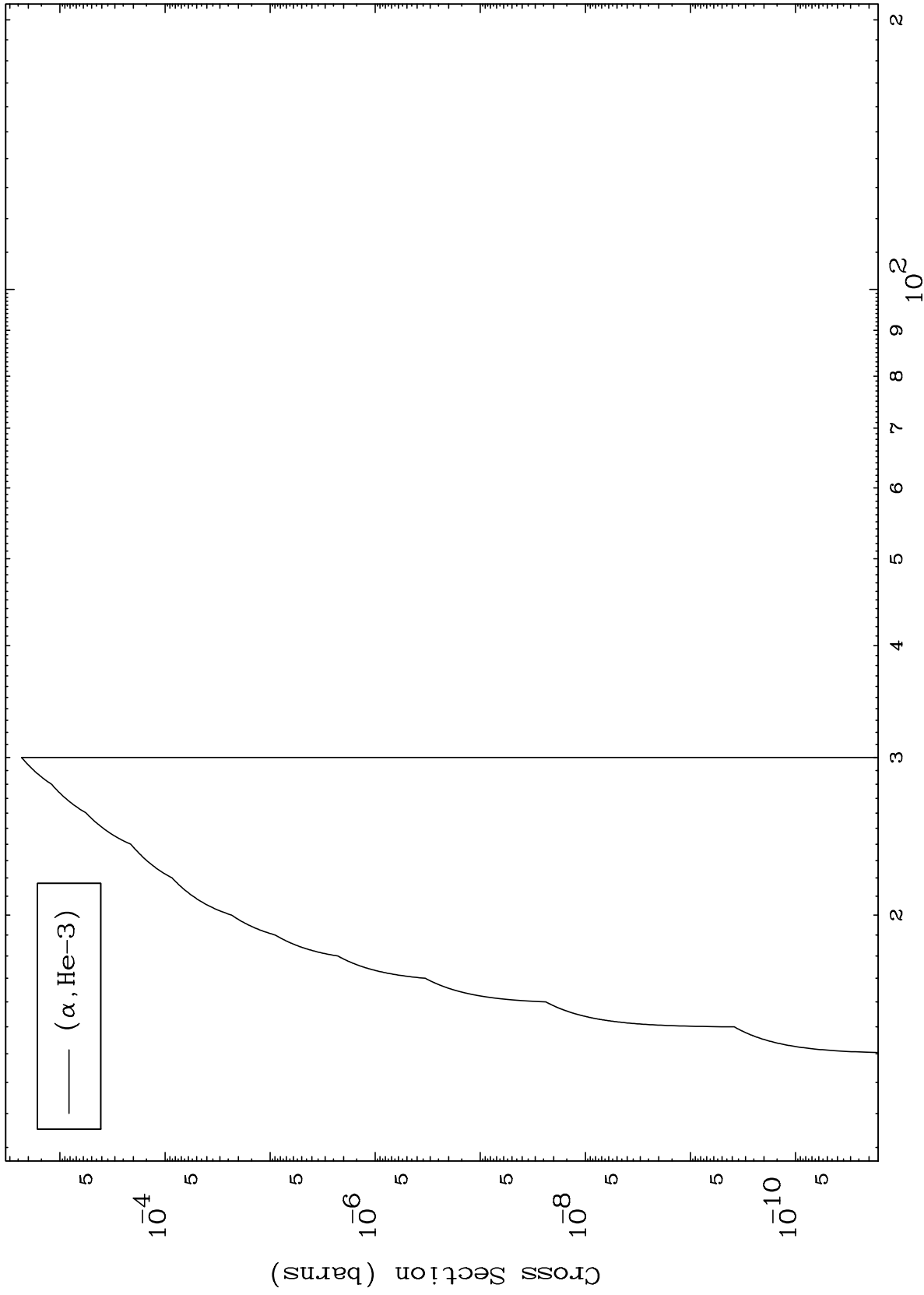
28-Ni-56



8

Incident Energy (MeV)

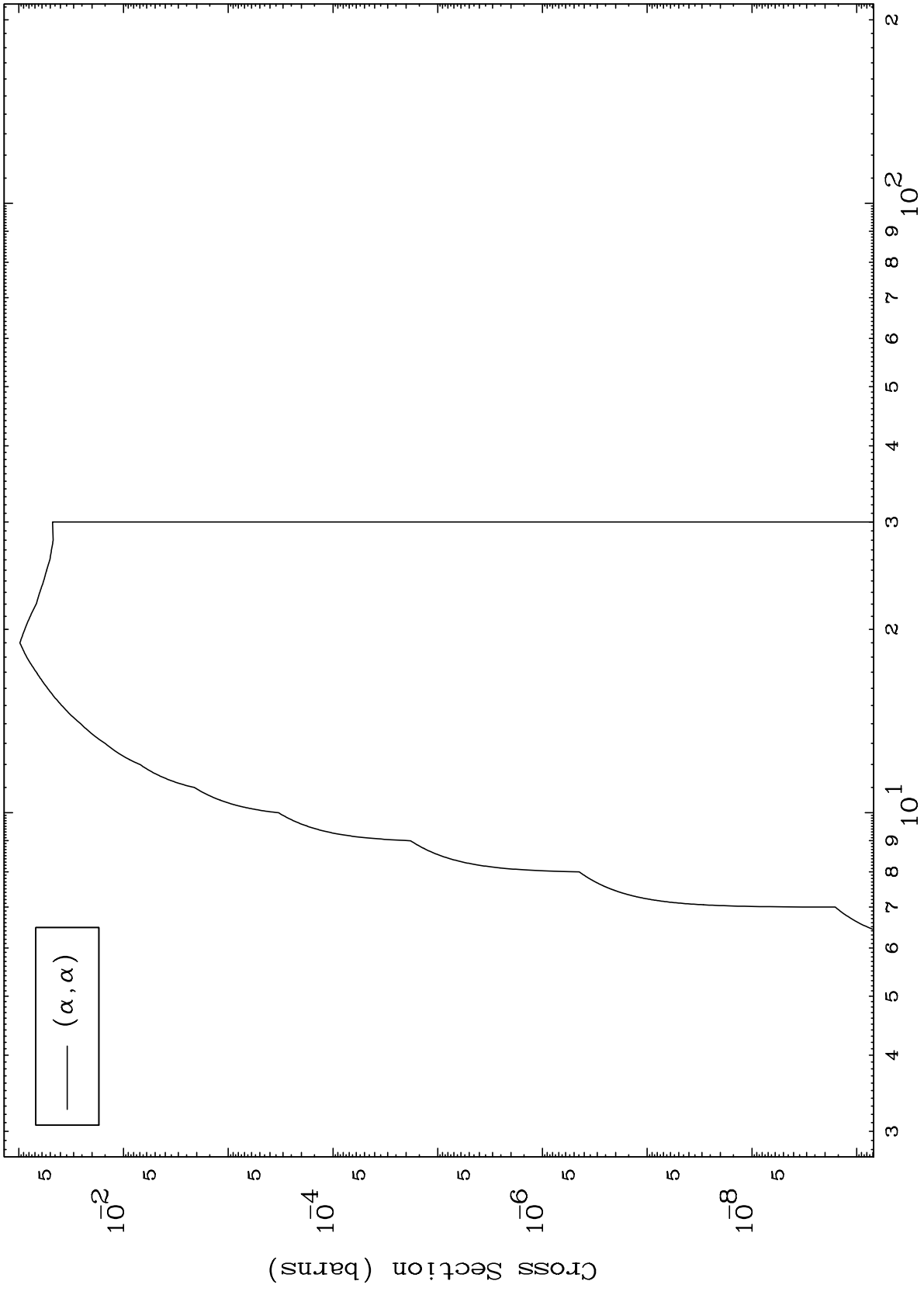
28-Ni-56



MAT 2819

28-Ni-56

(α, α) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

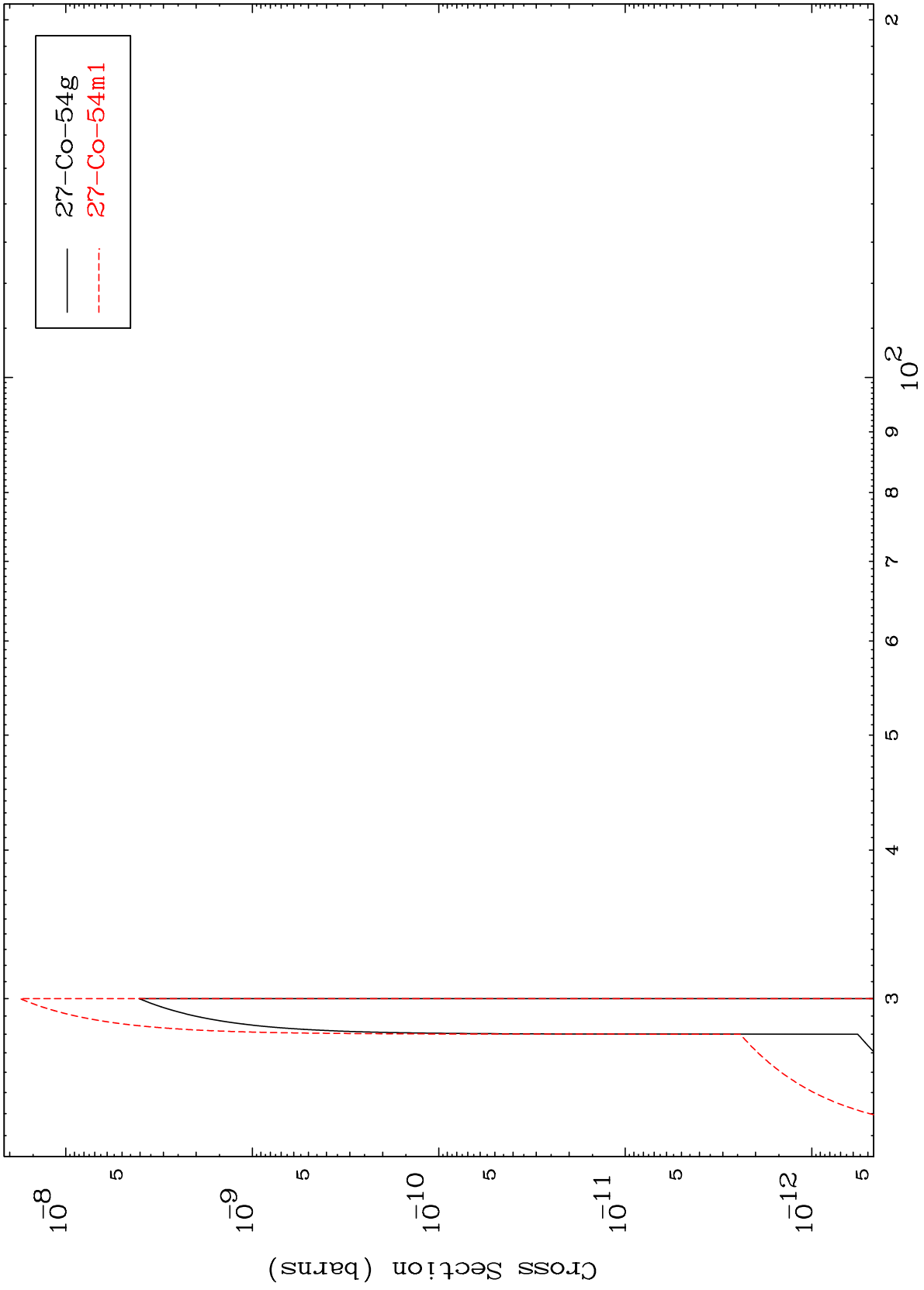
28-Ni-56

MAT 2819

(α, n') p α

²⁸Ni-56

Radionuclide Production Cross Section



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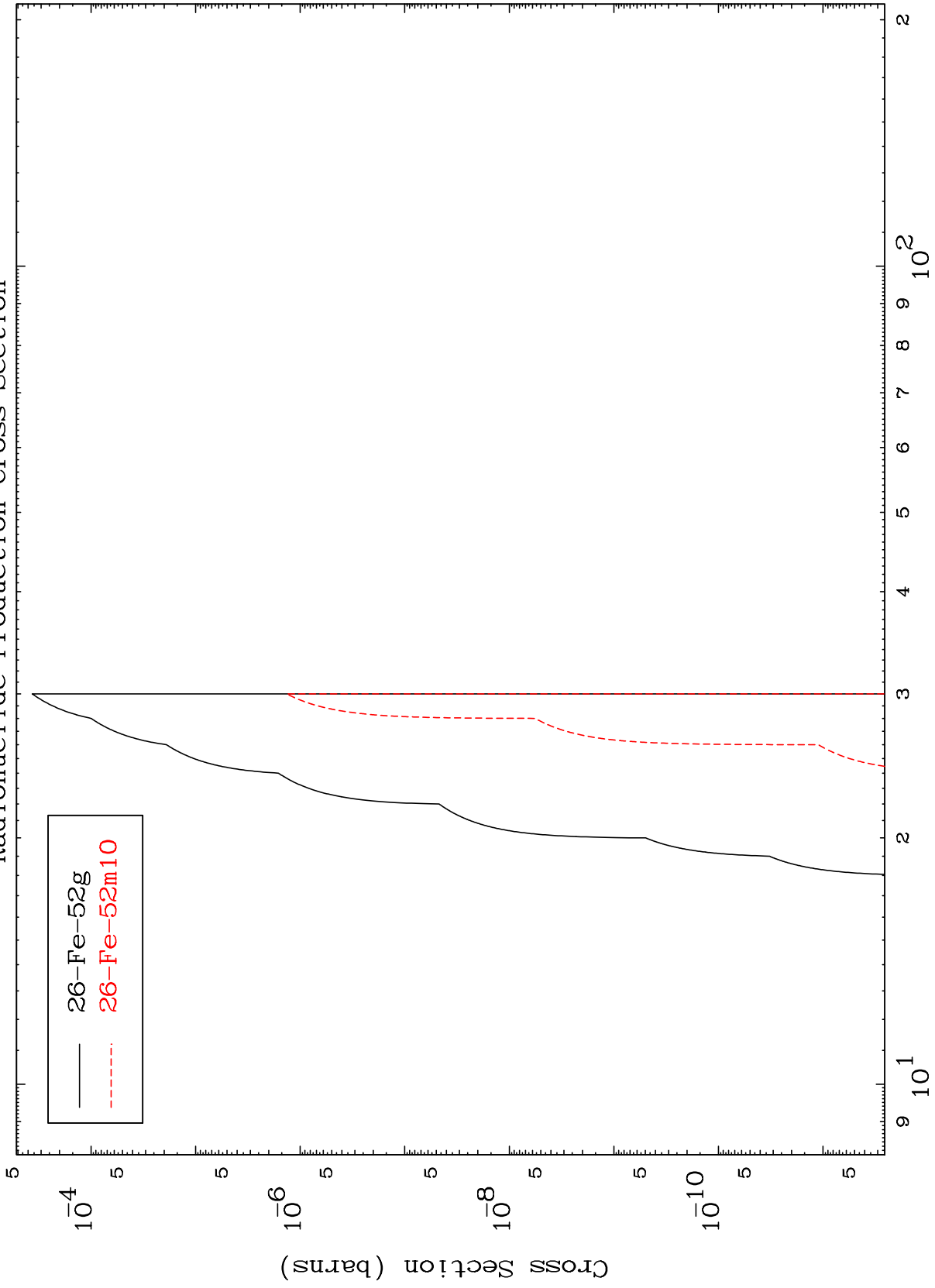
Incident Energy (MeV)

²⁸Ni-56

MAT 2819

²⁸Ni-56

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



12

Incident Energy (MeV)

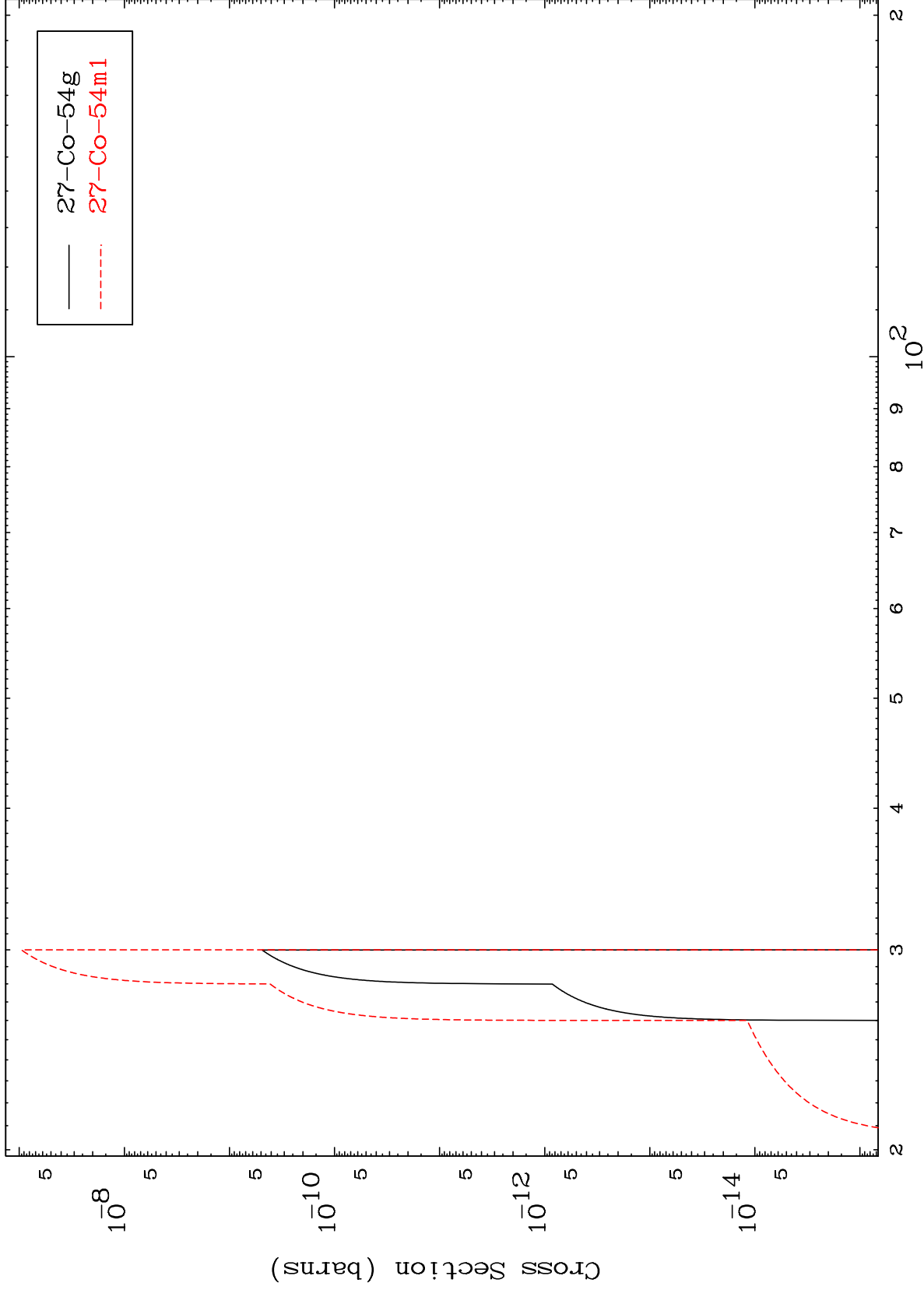
²⁸Ni-56

MAT 2819

(α, d) α

$^{28}\text{Ni-56}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

$^{28}\text{Ni-56}$