

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

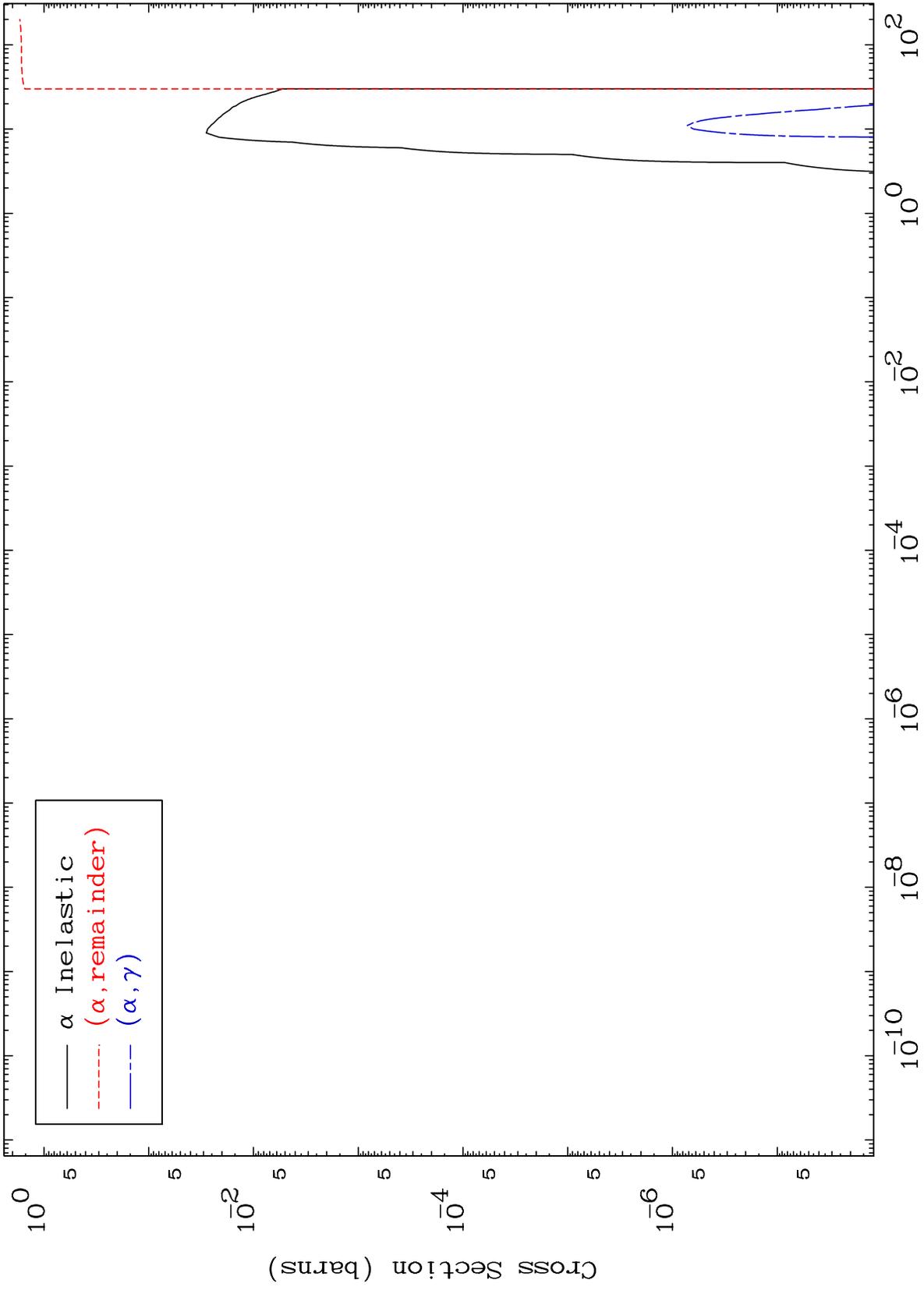
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2753

0 Kelvin α Major
Cross Sections

27-Co-68

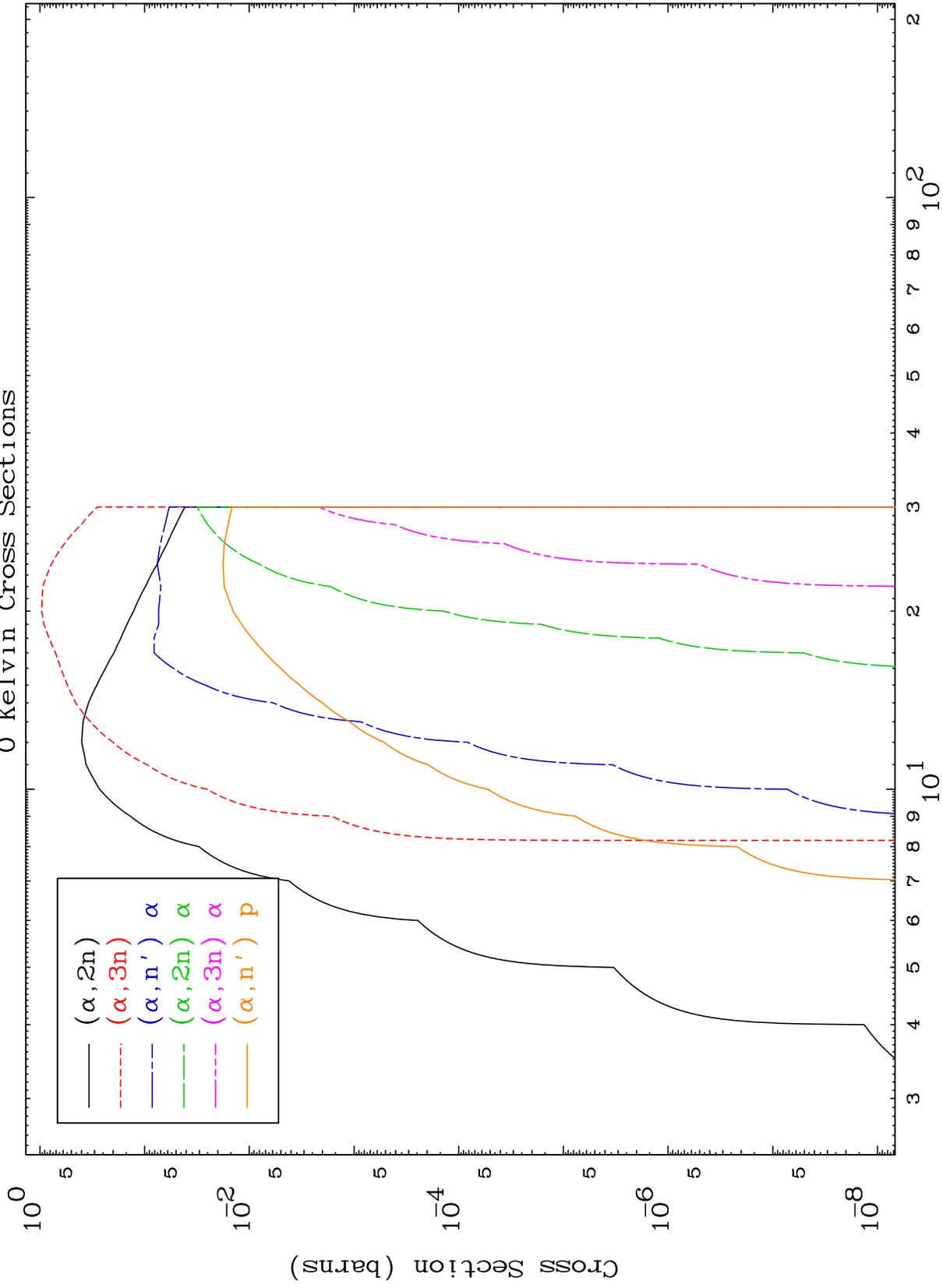


27-Co-68

MAT 2753

α Neutron Production
0 Kelvin Cross Sections

27-Co-68



2

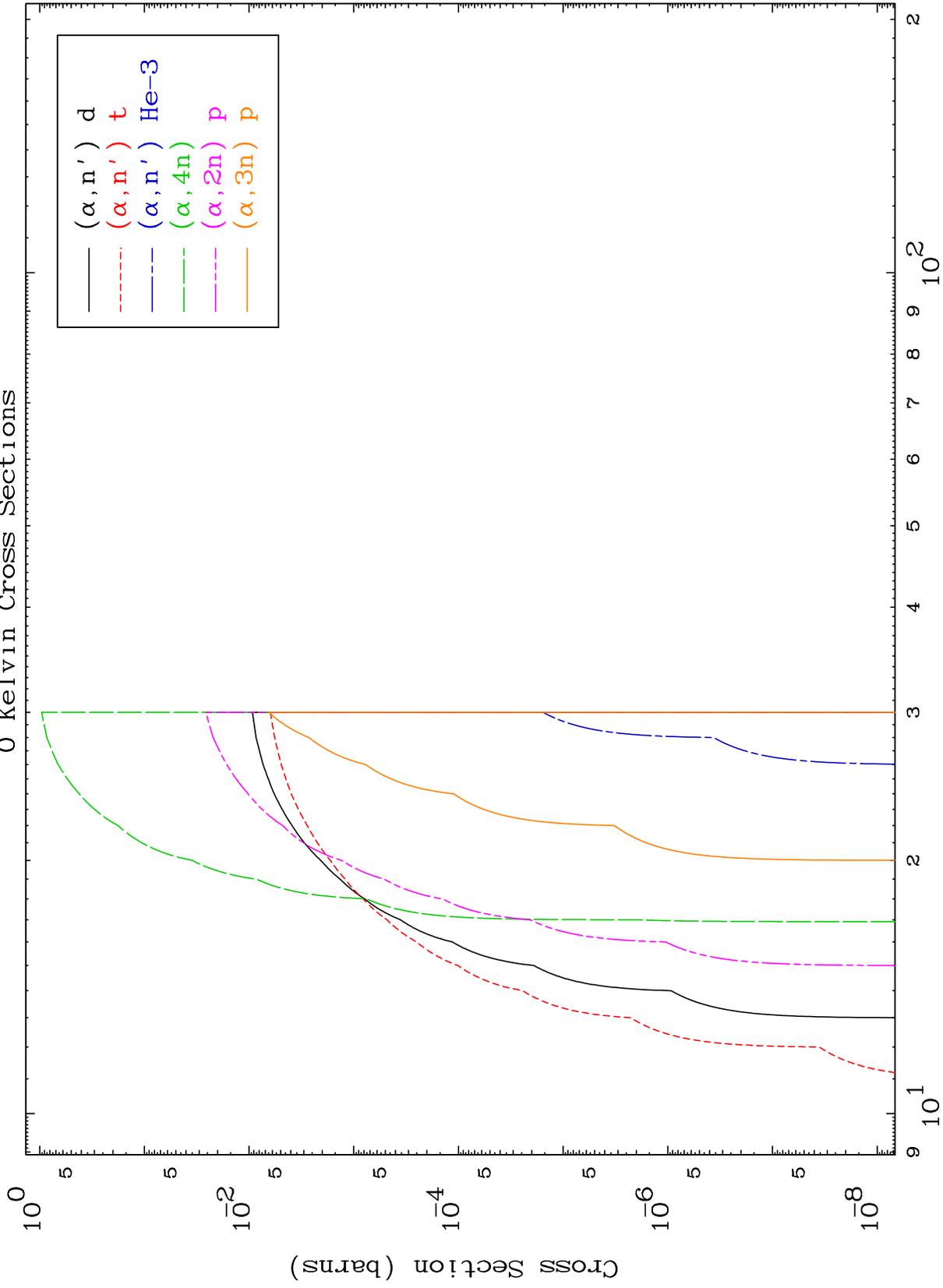
Incident Energy (MeV)

27-Co-68

MAT 2753

α Neutron Production
0 Kelvin Cross Sections

27-Co-68



3

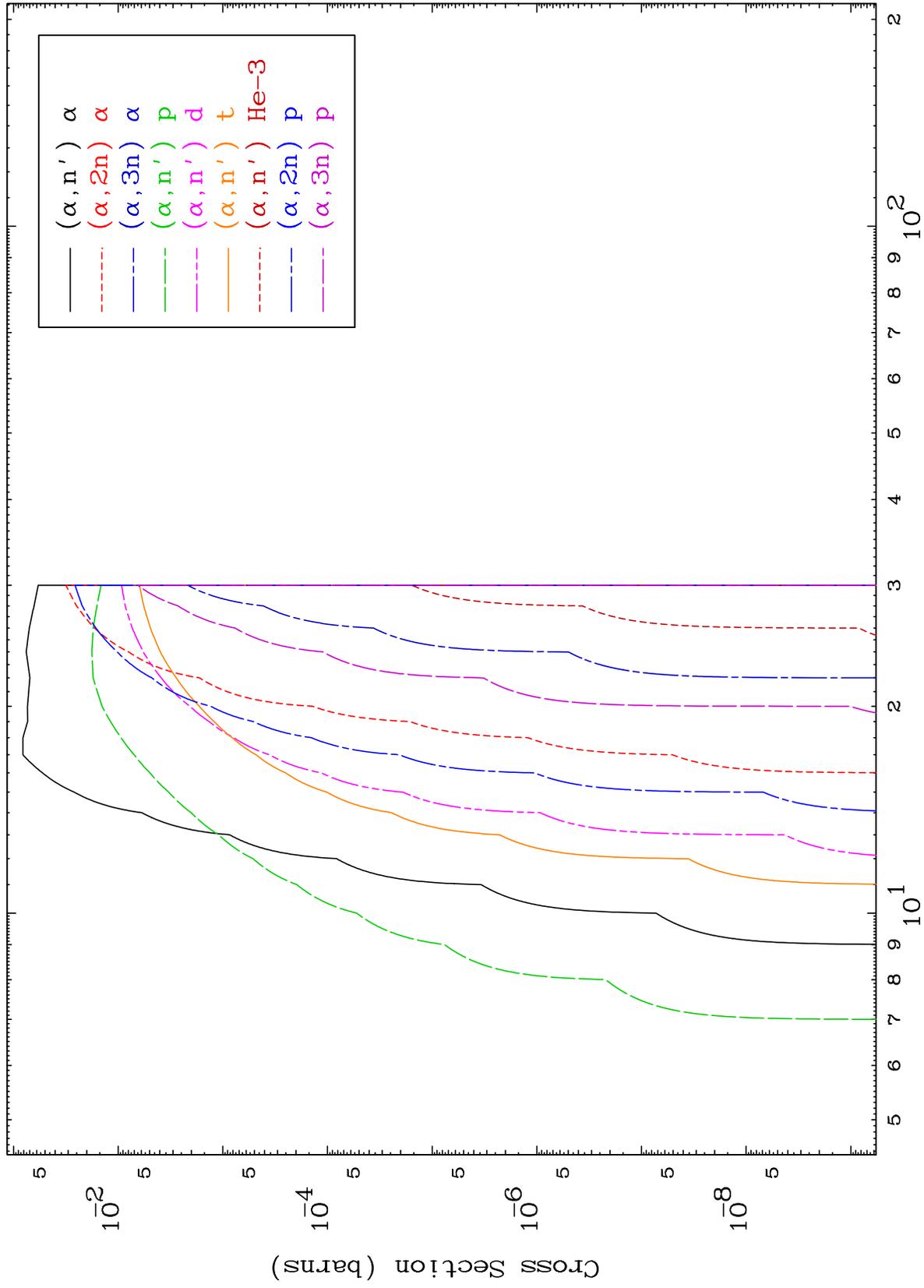
Incident Energy (MeV)

27-Co-68

MAT 2753

α Charged Particle
0 Kelvin Cross Sections

27-Co-68



4

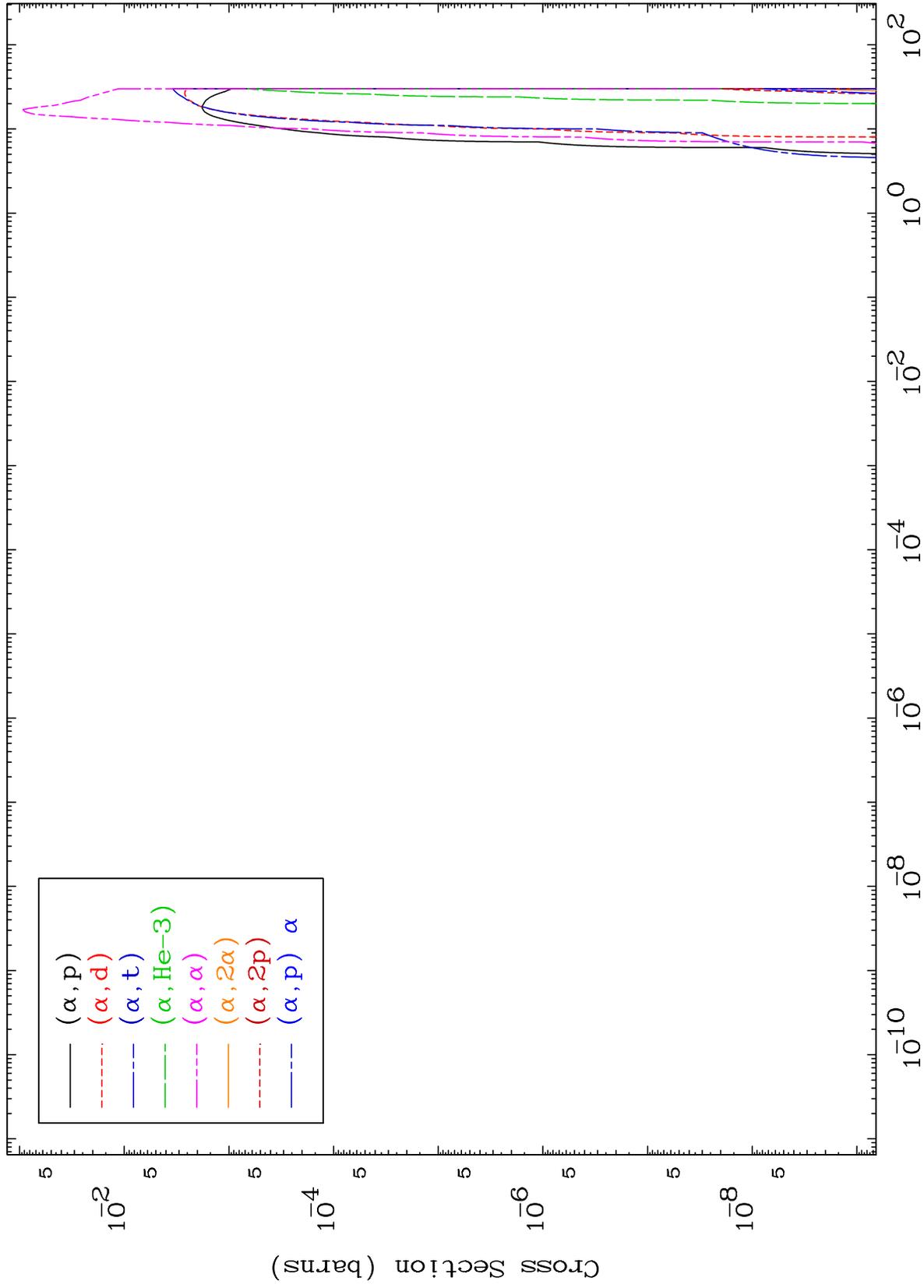
Incident Energy (MeV)

27-Co-68

MAT 2753

α Charged Particle
0 Kelvin Cross Sections

27-Co-68



5

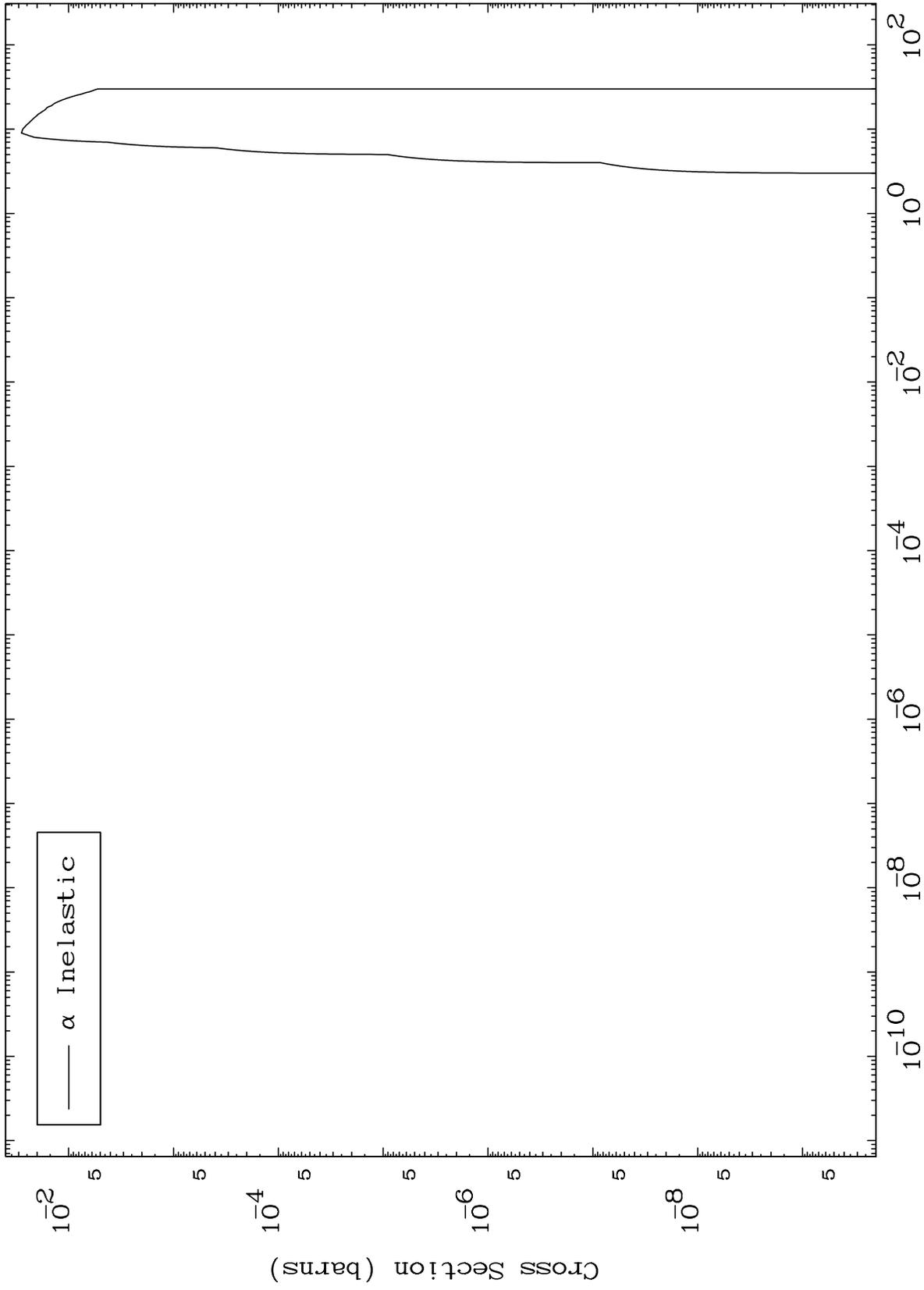
Incident Energy (MeV)

27-Co-68

MAT 2753

(α, n') Level
0 Kelvin Cross Sections

27-Co-68



6

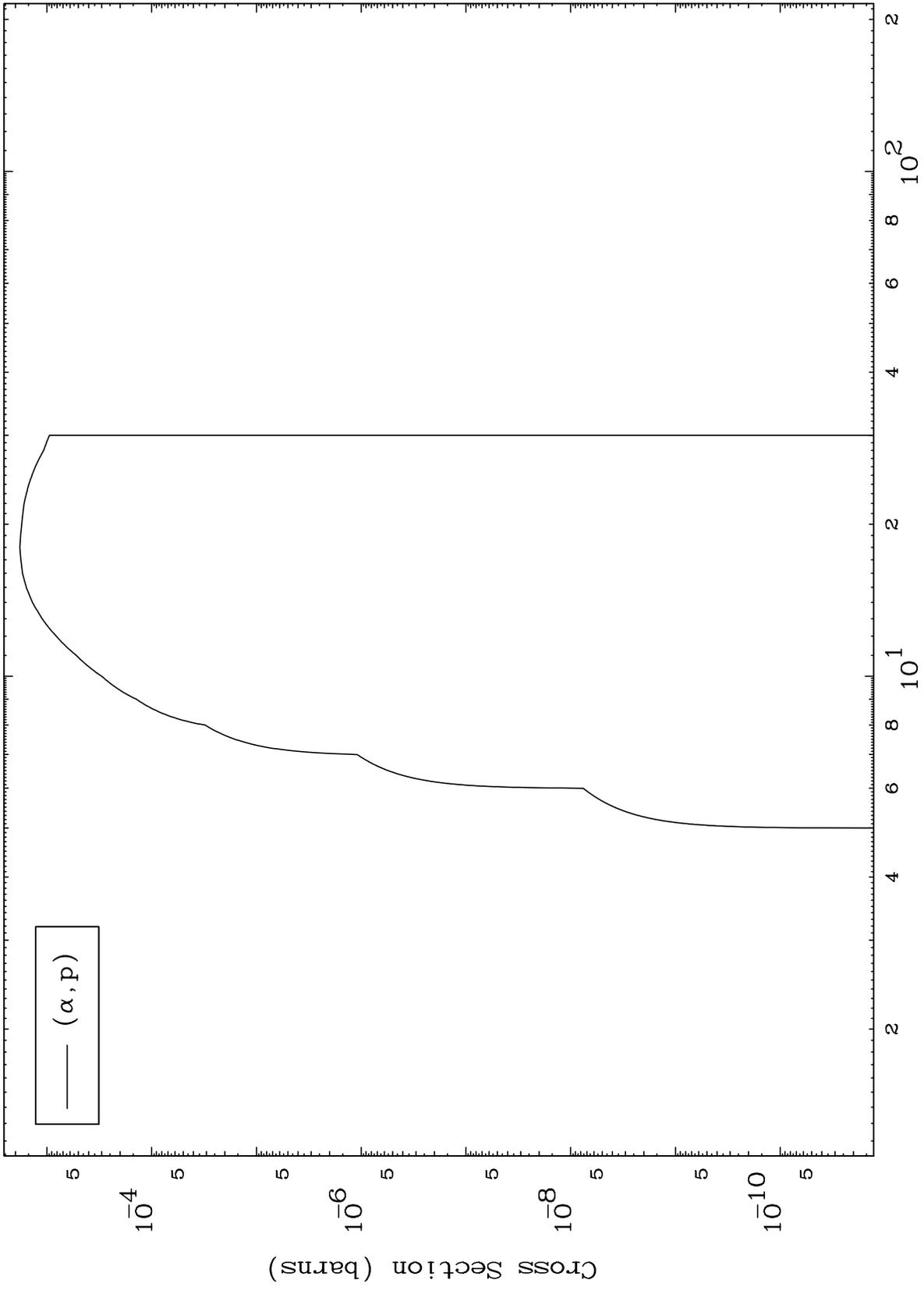
Incident Energy (MeV)

27-Co-68

MAT 2753

27-Co-68

(α, p) Levels
0 Kelvin Cross Sections



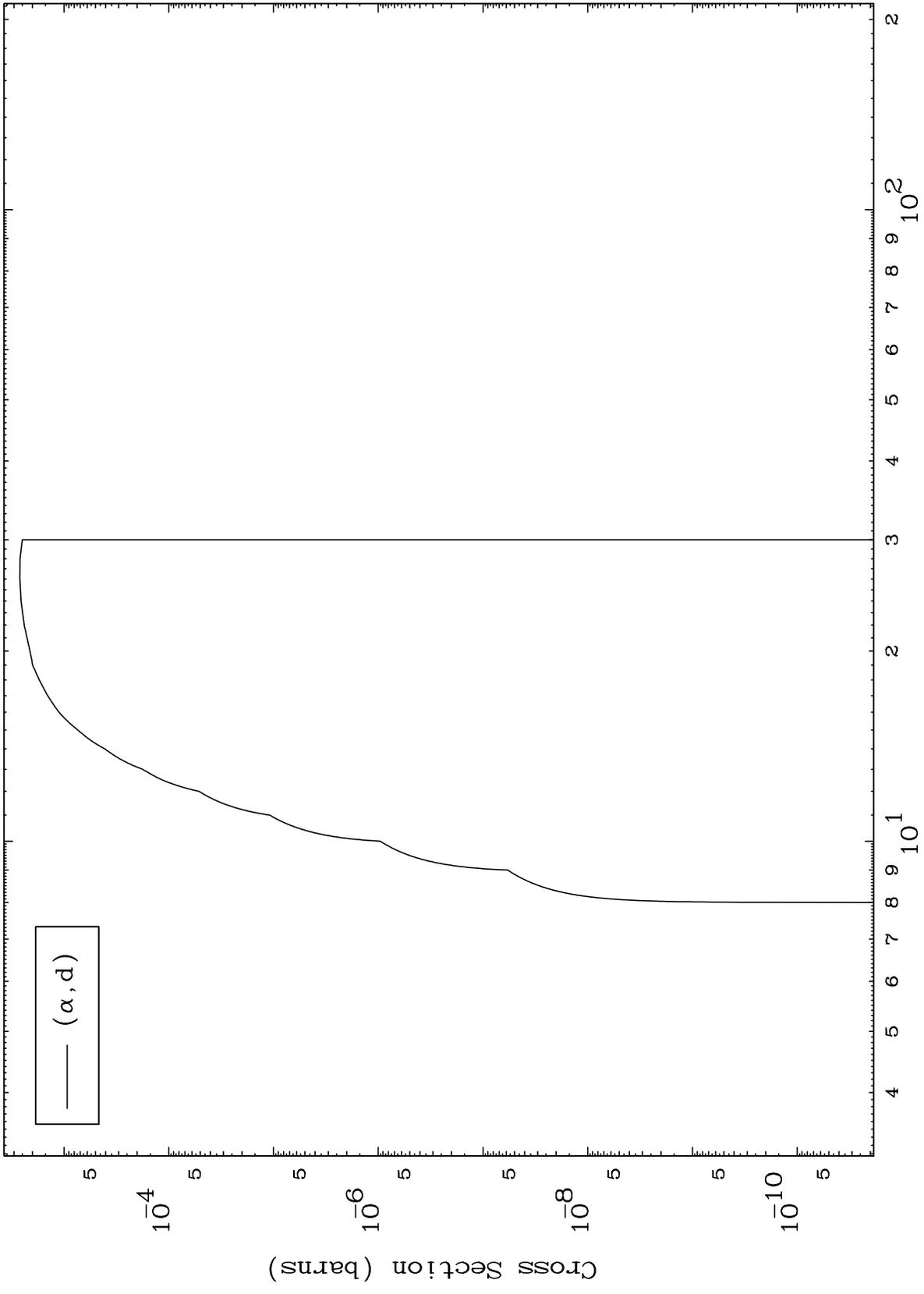
7

27-Co-68

MAT 2753

(α, d) Levels
0 Kelvin Cross Sections

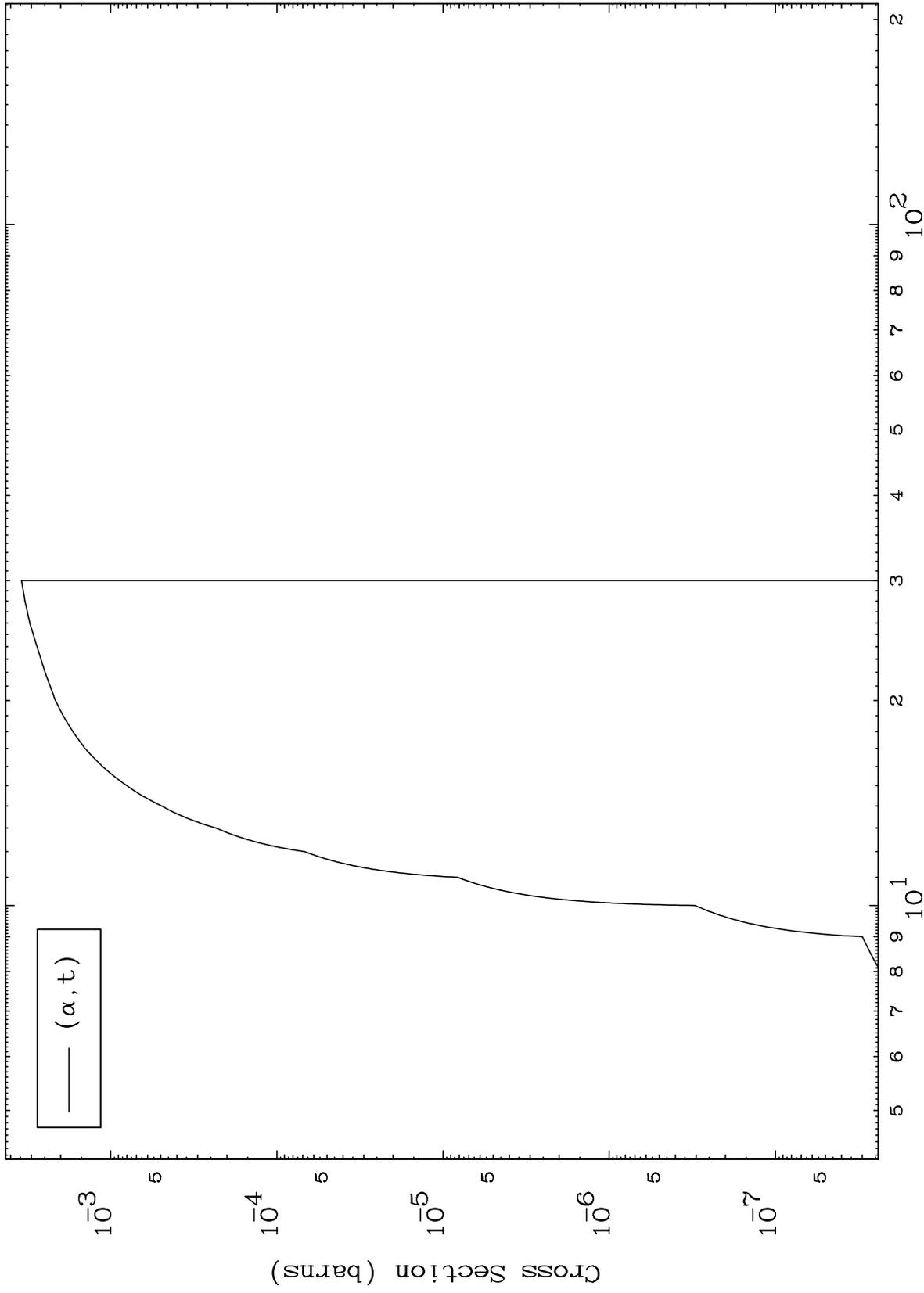
27-Co-68



MAT 2753

(α, t) Levels
0 Kelvin Cross Sections

27-Co-68



9

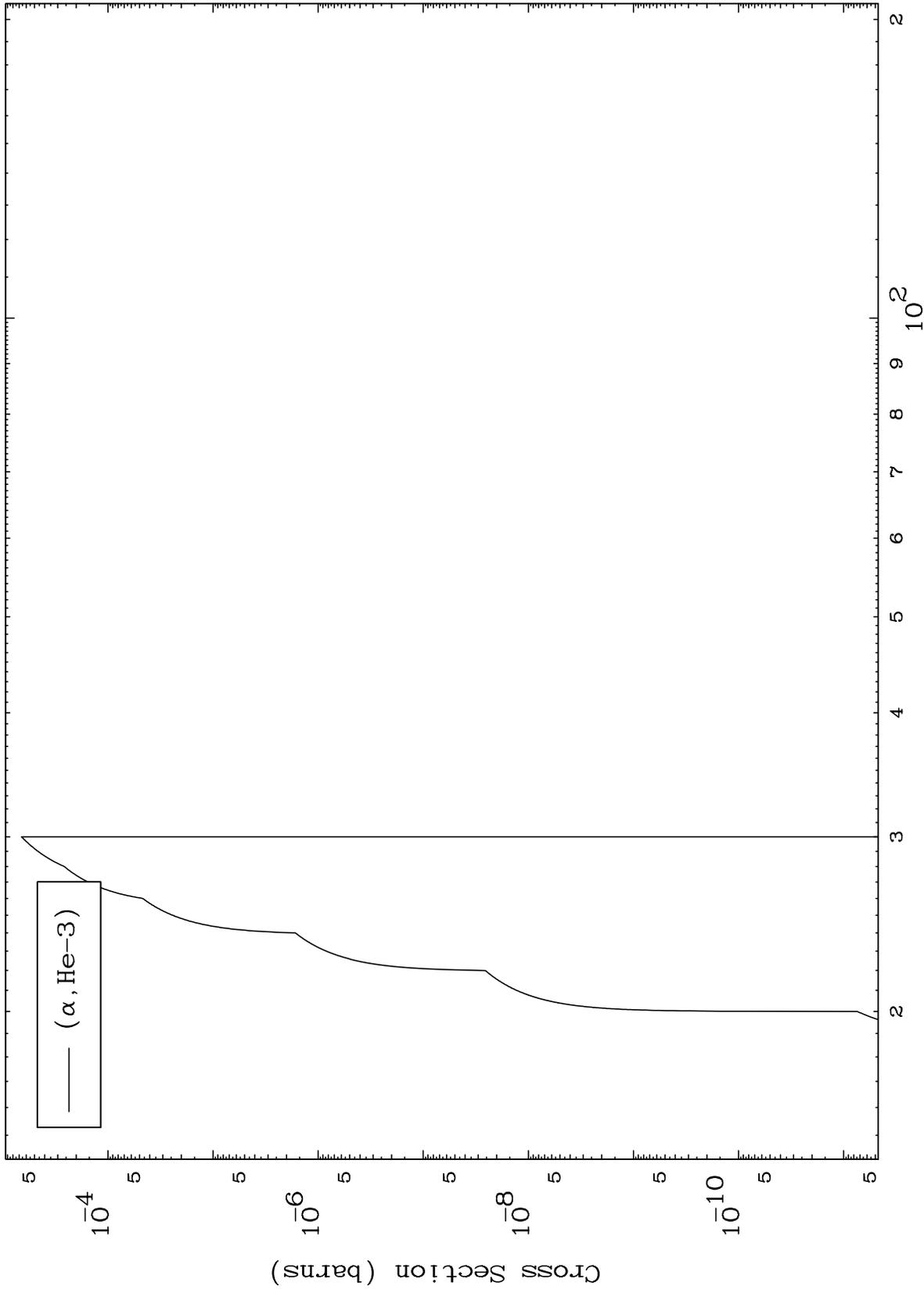
Incident Energy (MeV)

27-Co-68

MAT 2753

(α ,He3) Levels
0 Kelvin Cross Sections

27-Co-68



10

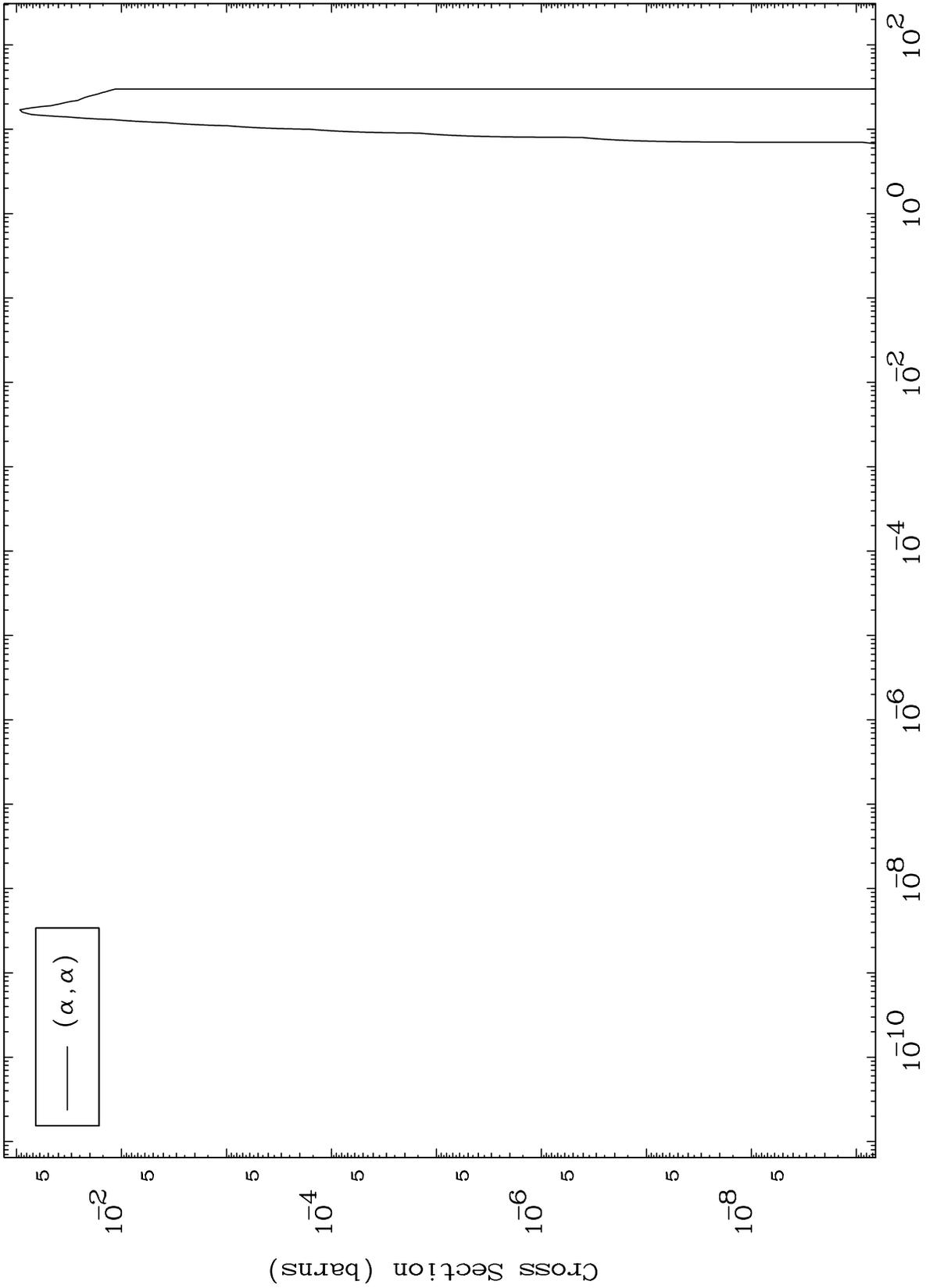
Incident Energy (MeV)

27-Co-68

MAT 2753

(α, α) Levels
0 Kelvin Cross Sections

27-Co-68



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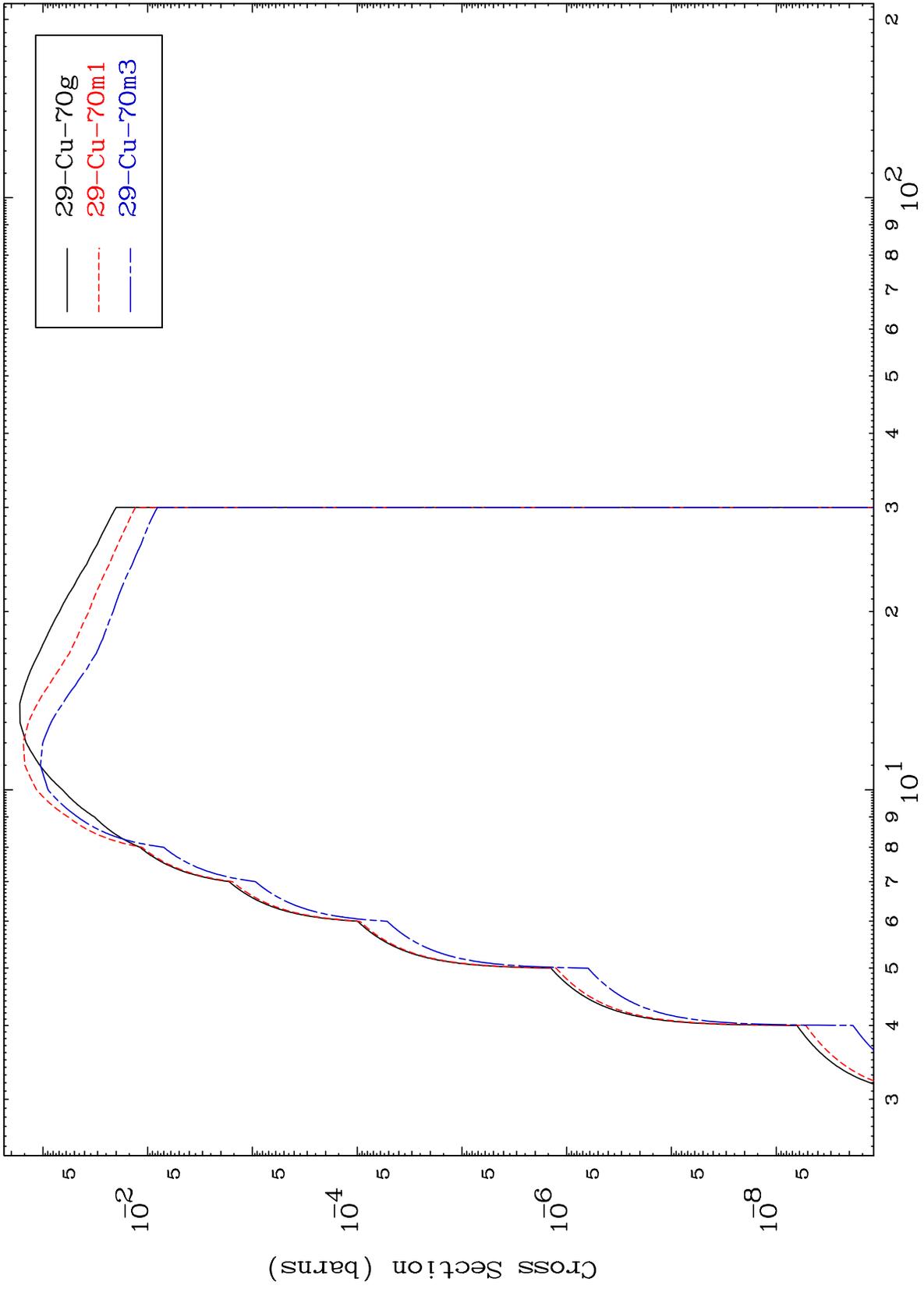
Incident Energy (MeV)

27-Co-68

MAT 2753

27-Co-68

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



12

Incident Energy (MeV)

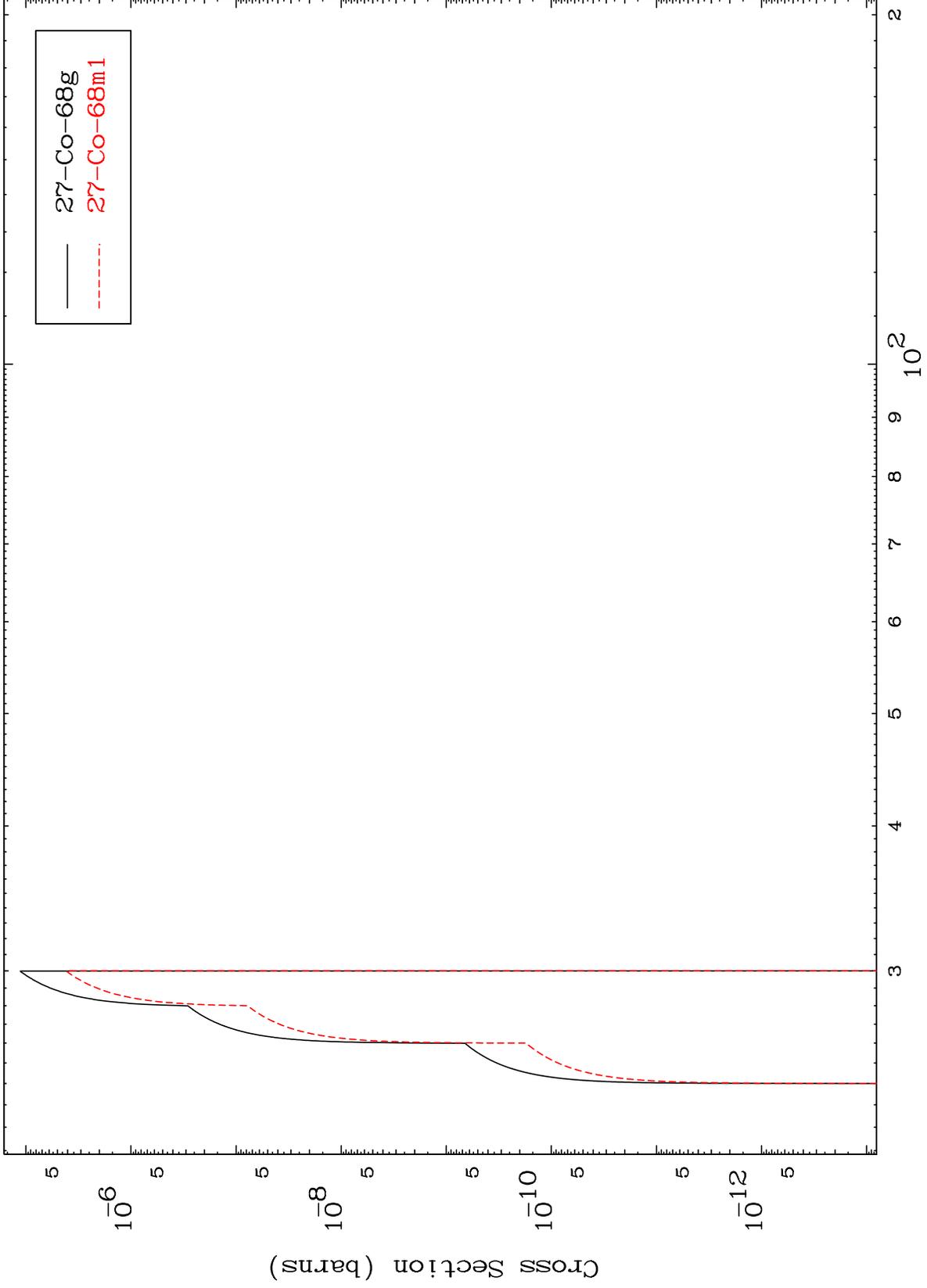
27-Co-68

MAT 2753

(α, n') He-3

²⁷Co-68

Radionuclide Production Cross Section



13

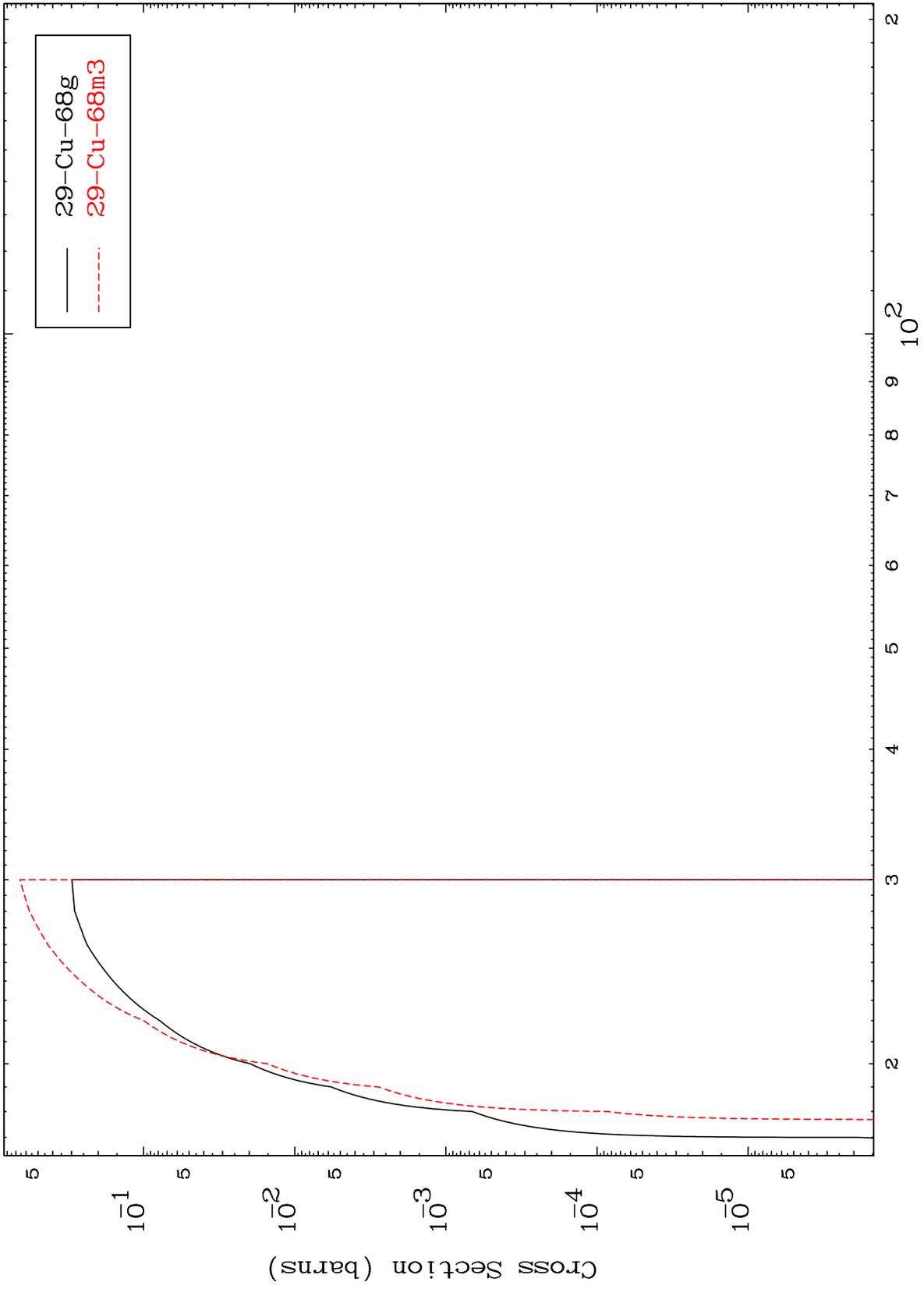
Incident Energy (MeV)

²⁷Co-68

MAT 2753

27-Co-68

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



27-Co-68

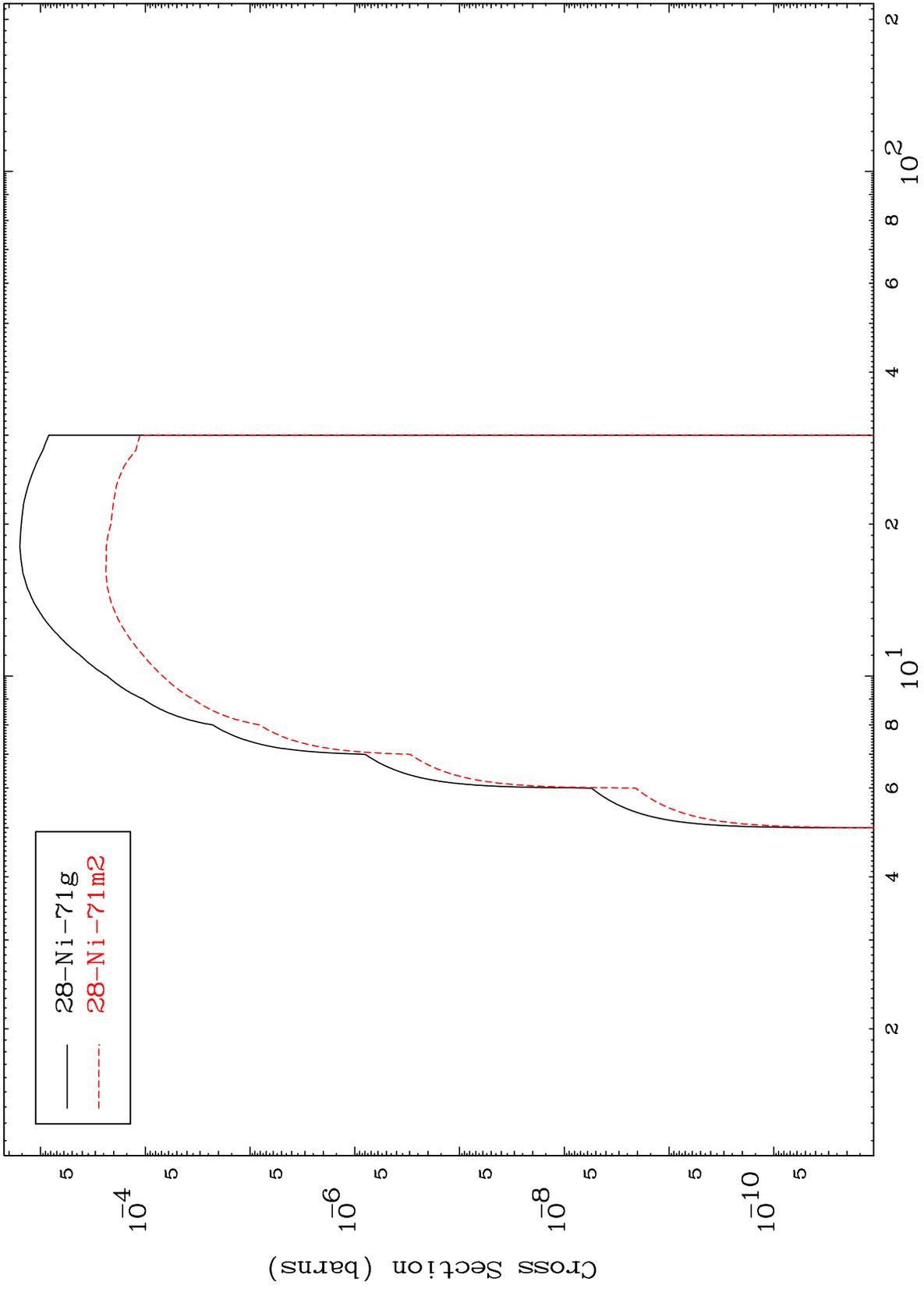
Incident Energy (MeV)

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MAT 2753

27-Co-68

(α, p)
Radionuclide Production Cross Section



15

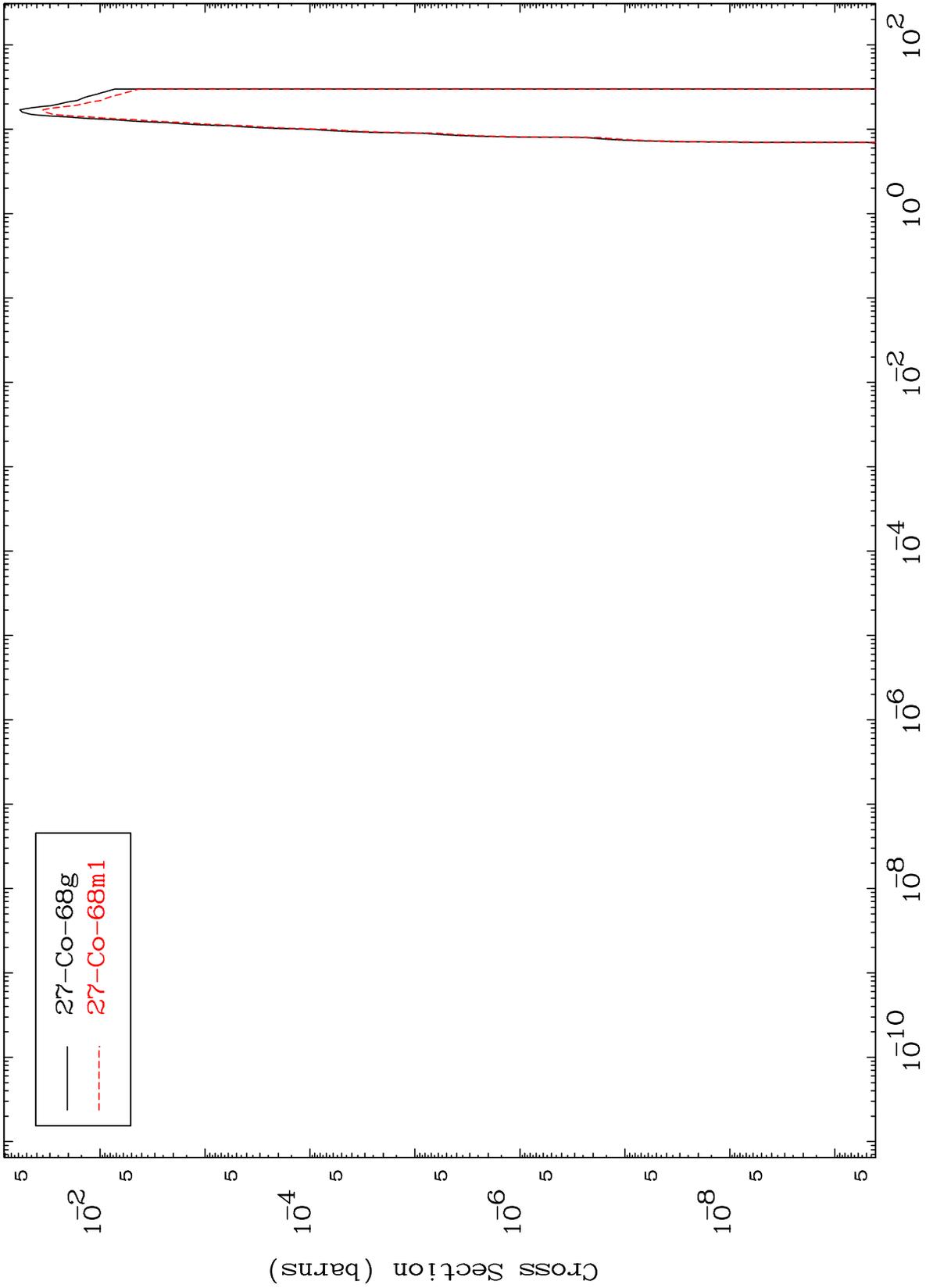
Incident Energy (MeV)

27-Co-68

MAT 2753

27-Co-68

(α, α)
Radionuclide Production Cross Section



— 27-Co-68g
- - - 27-Co-68m1

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27-Co-68