

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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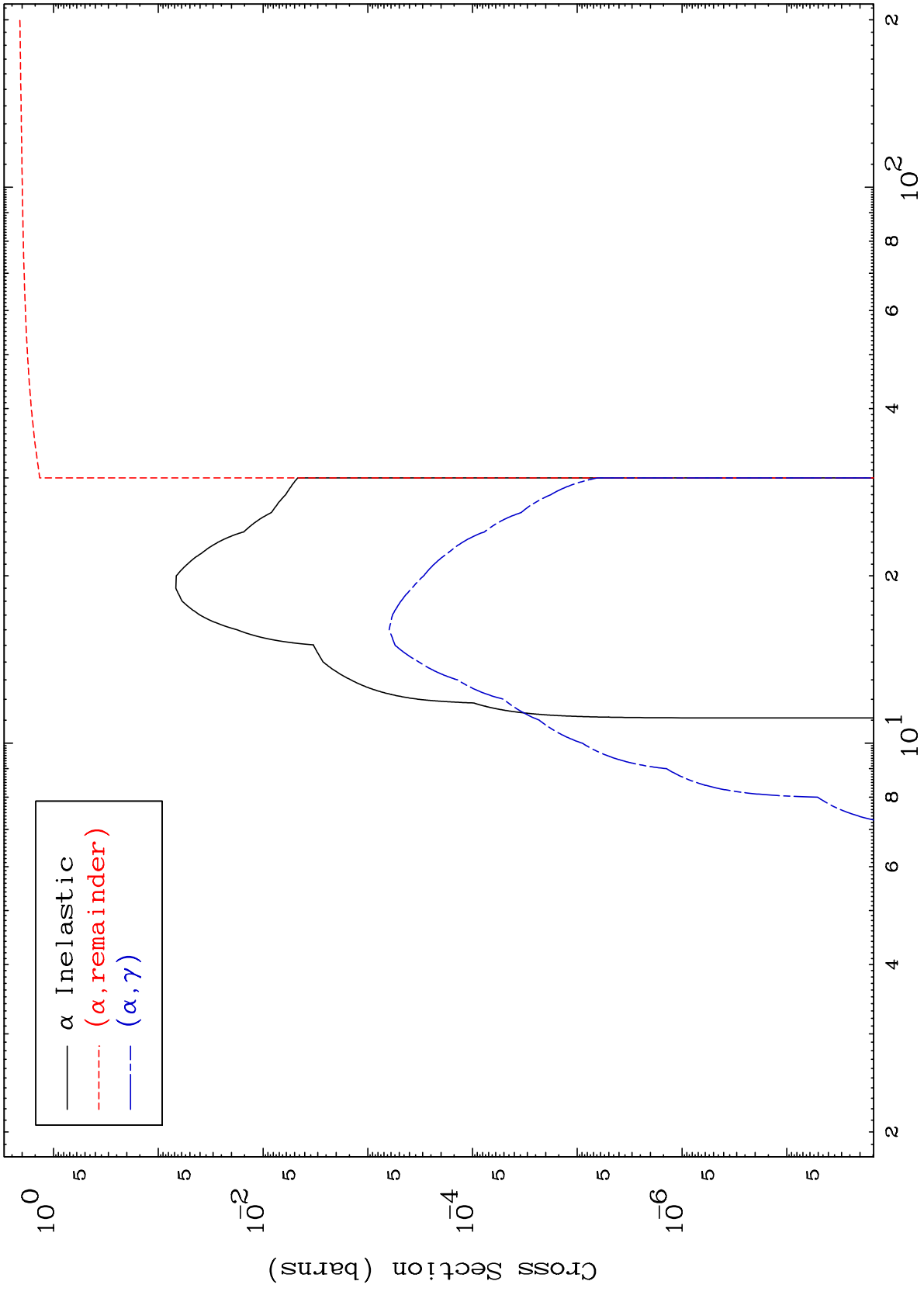
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5016

0 Kelvin α Major

50-Sn-109



α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

1

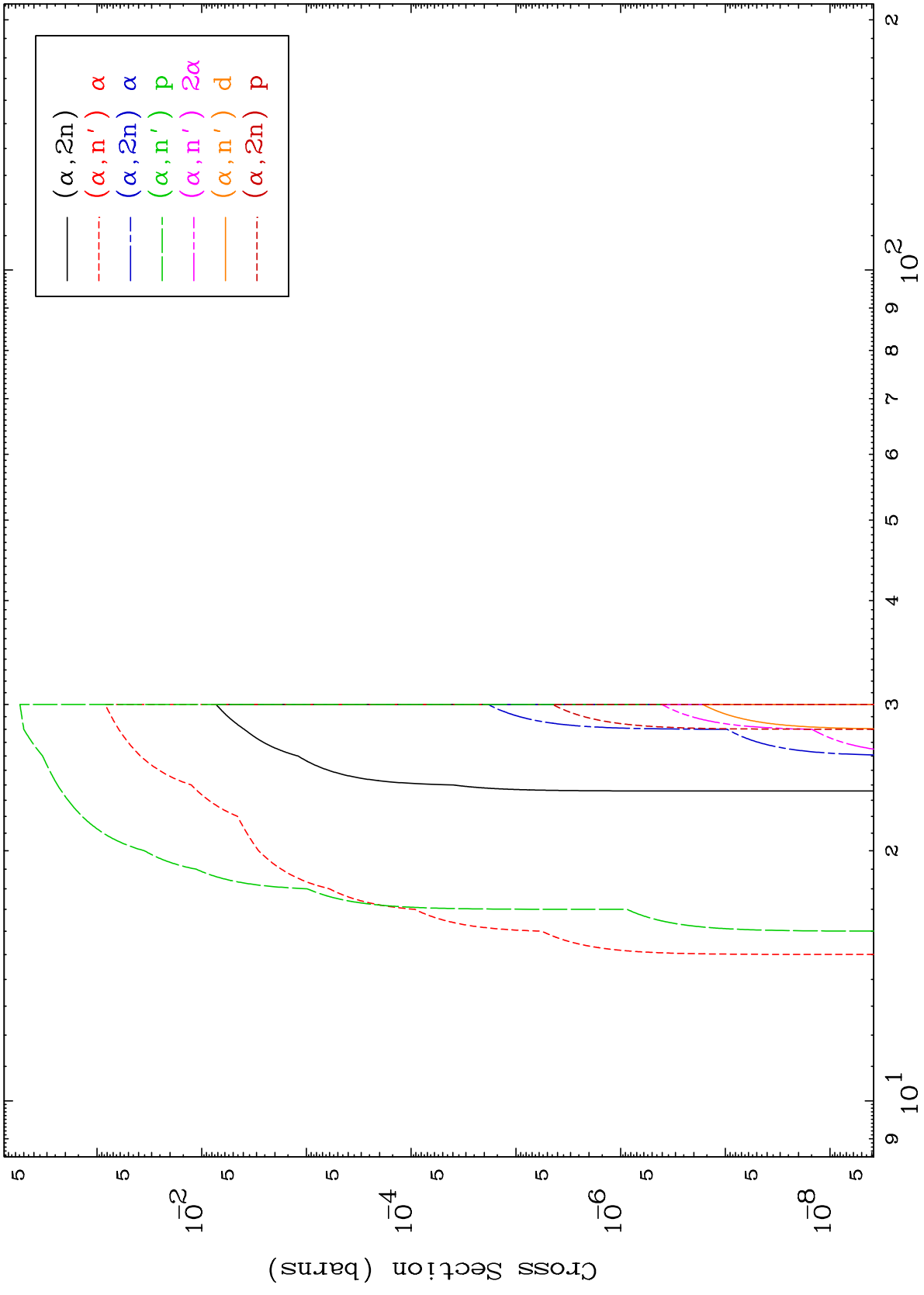
Incident Energy (MeV)

50-Sn-109

MAT 5016

α Neutron Production
0 Kelvin Cross Sections

50-Sn-109



50-Sn-109

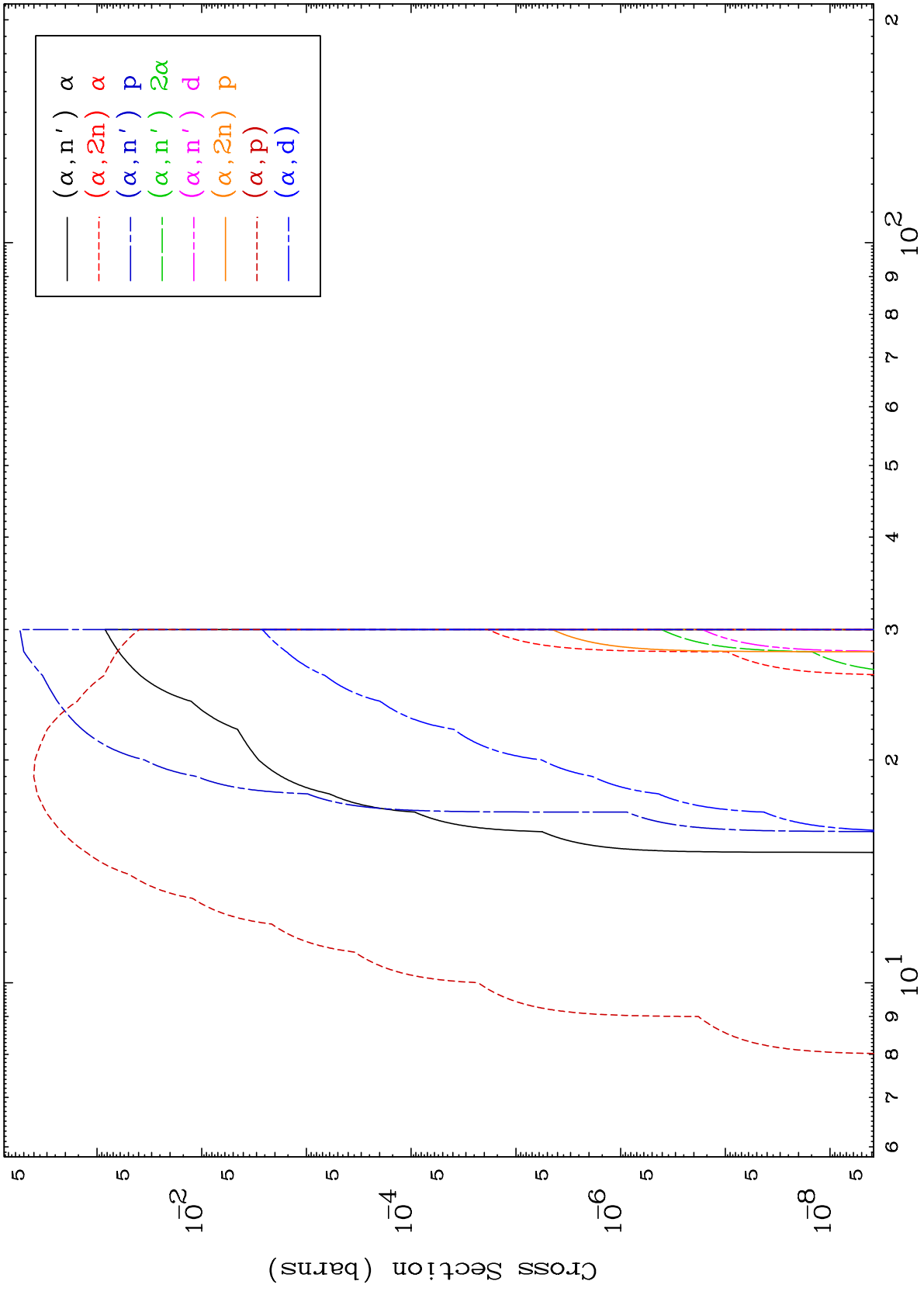
Incident Energy (MeV)

2

MAT 5016

α Charged Particle
0 Kelvin Cross Sections

50-Sn-109



50-Sn-109

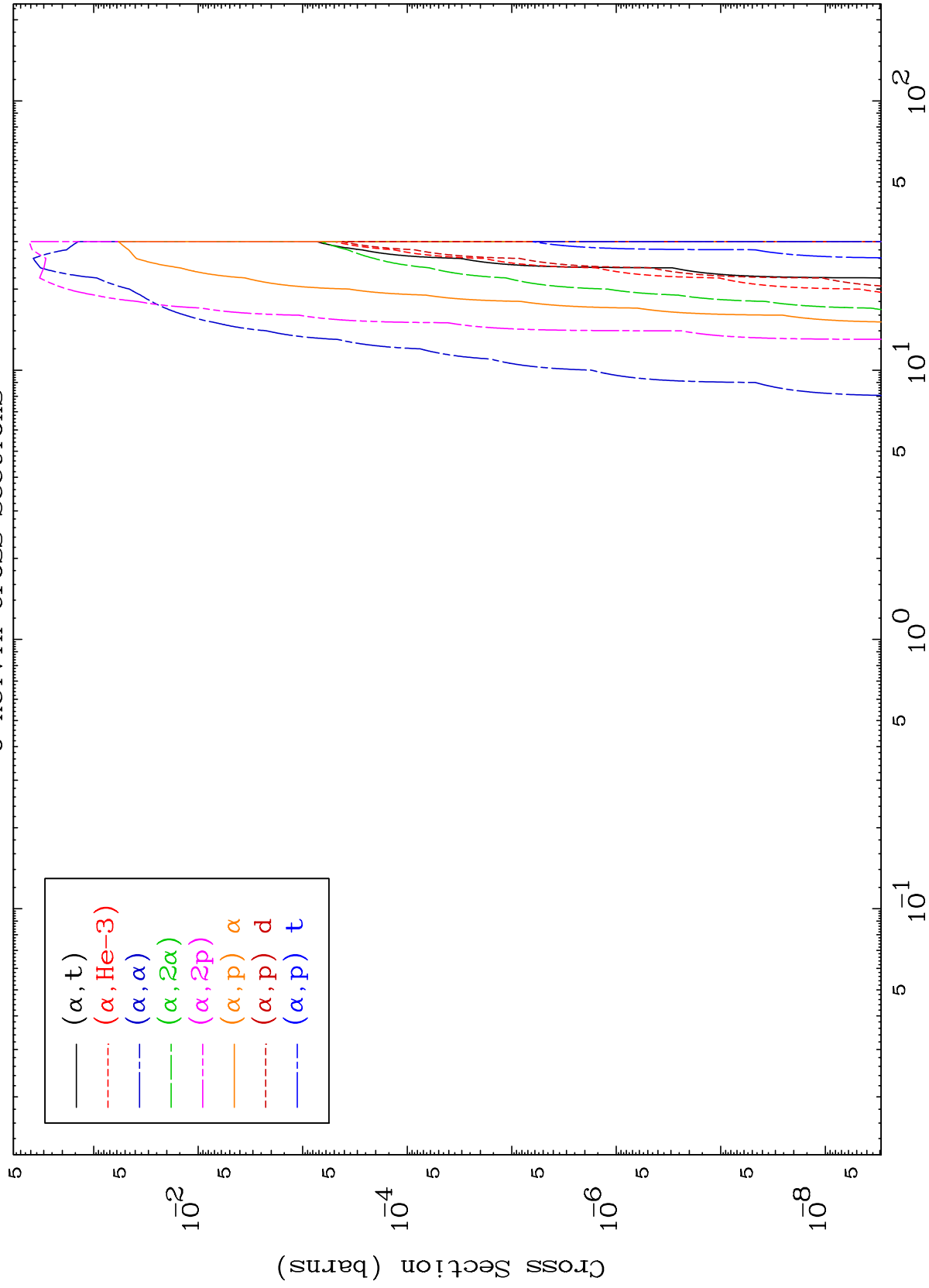
Incident Energy (MeV)

3

MAT 5016

α Charged Particle
0 Kelvin Cross Sections

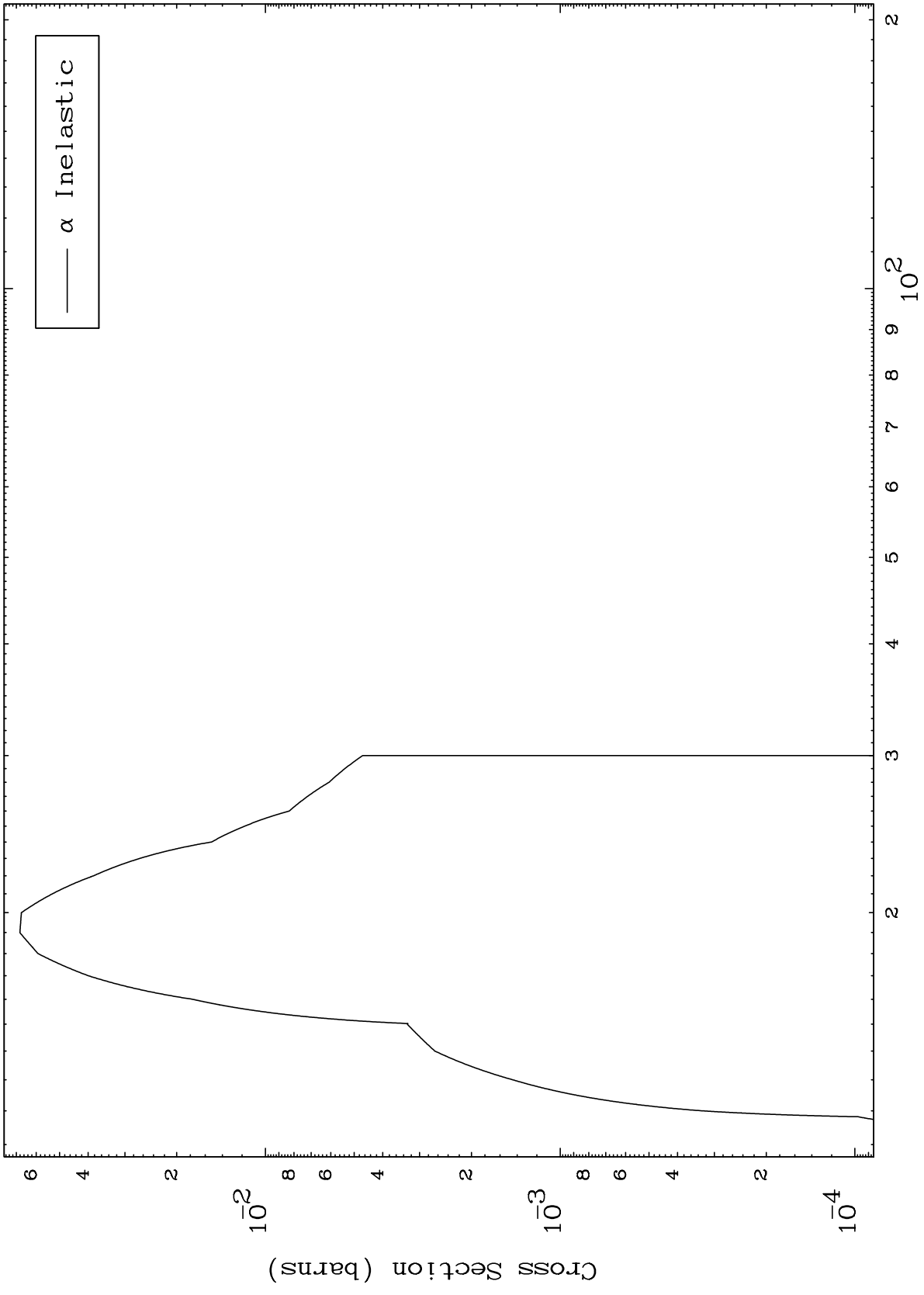
50-Sn-109



MAT 5016

(α, n') Level
0 Kelvin Cross Sections

50-Sn-109



5

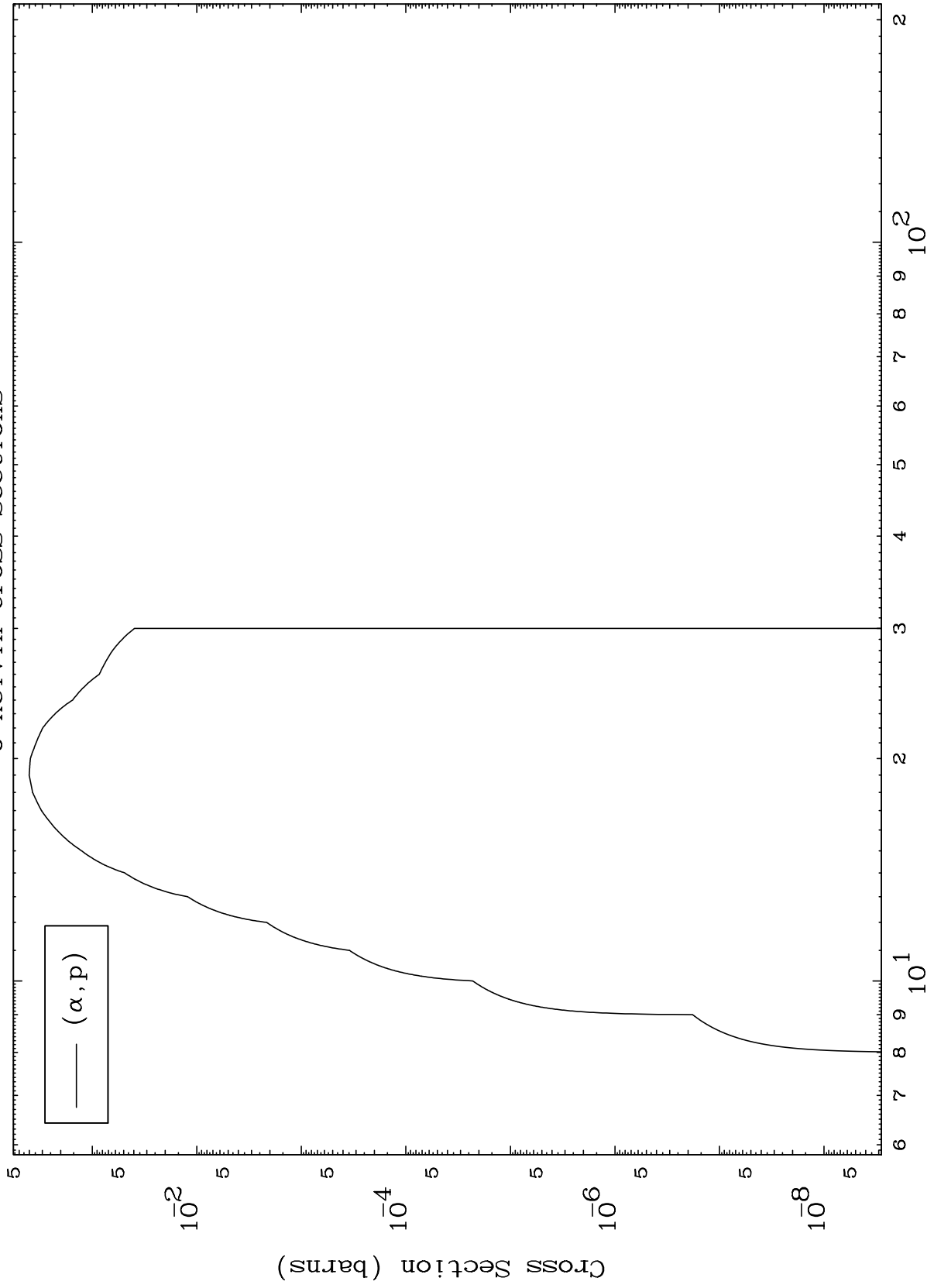
Incident Energy (MeV)

50-Sn-109

MAT 5016

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-109



6

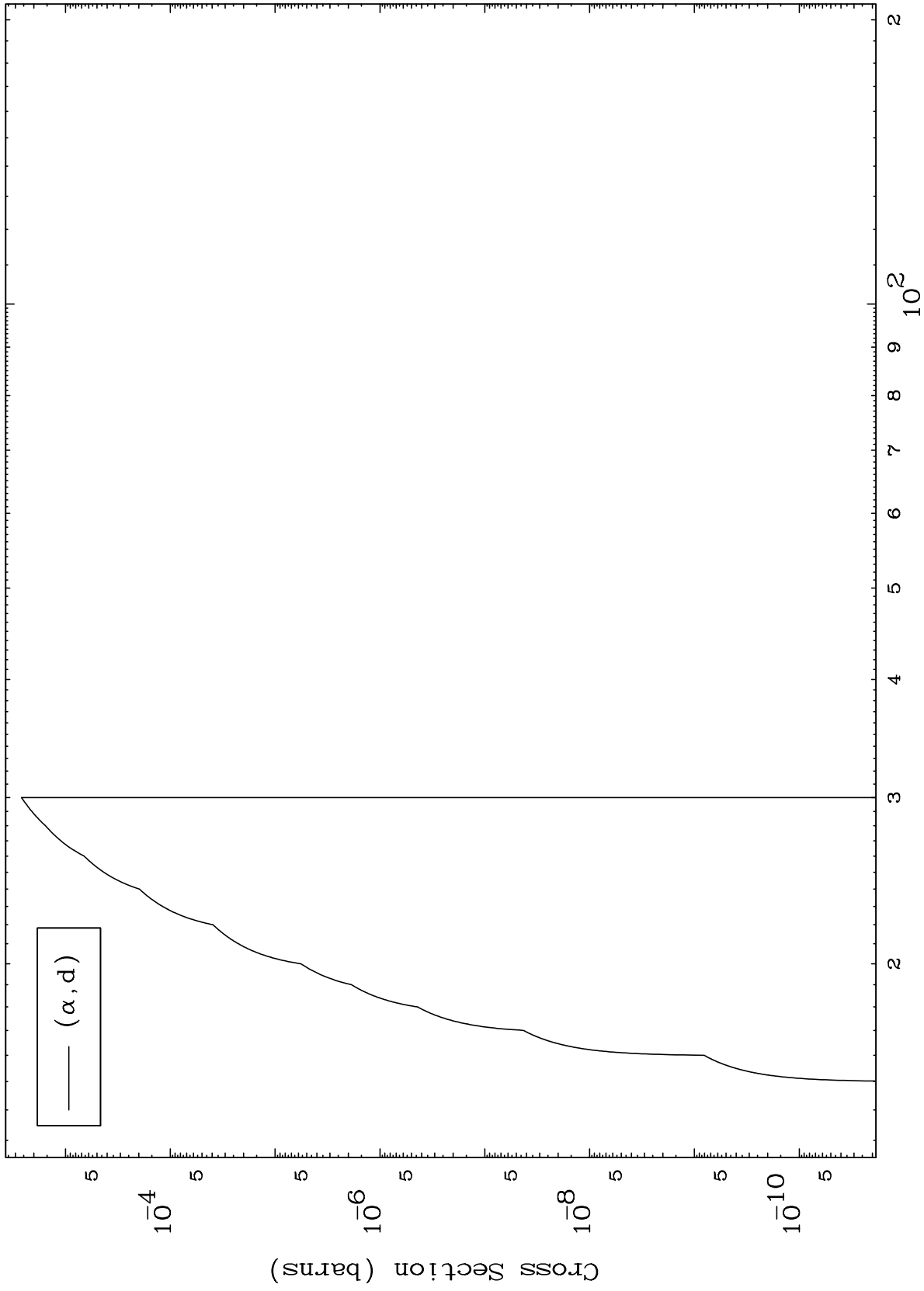
Incident Energy (MeV)

50-Sn-109

MAT 5016

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-109



7

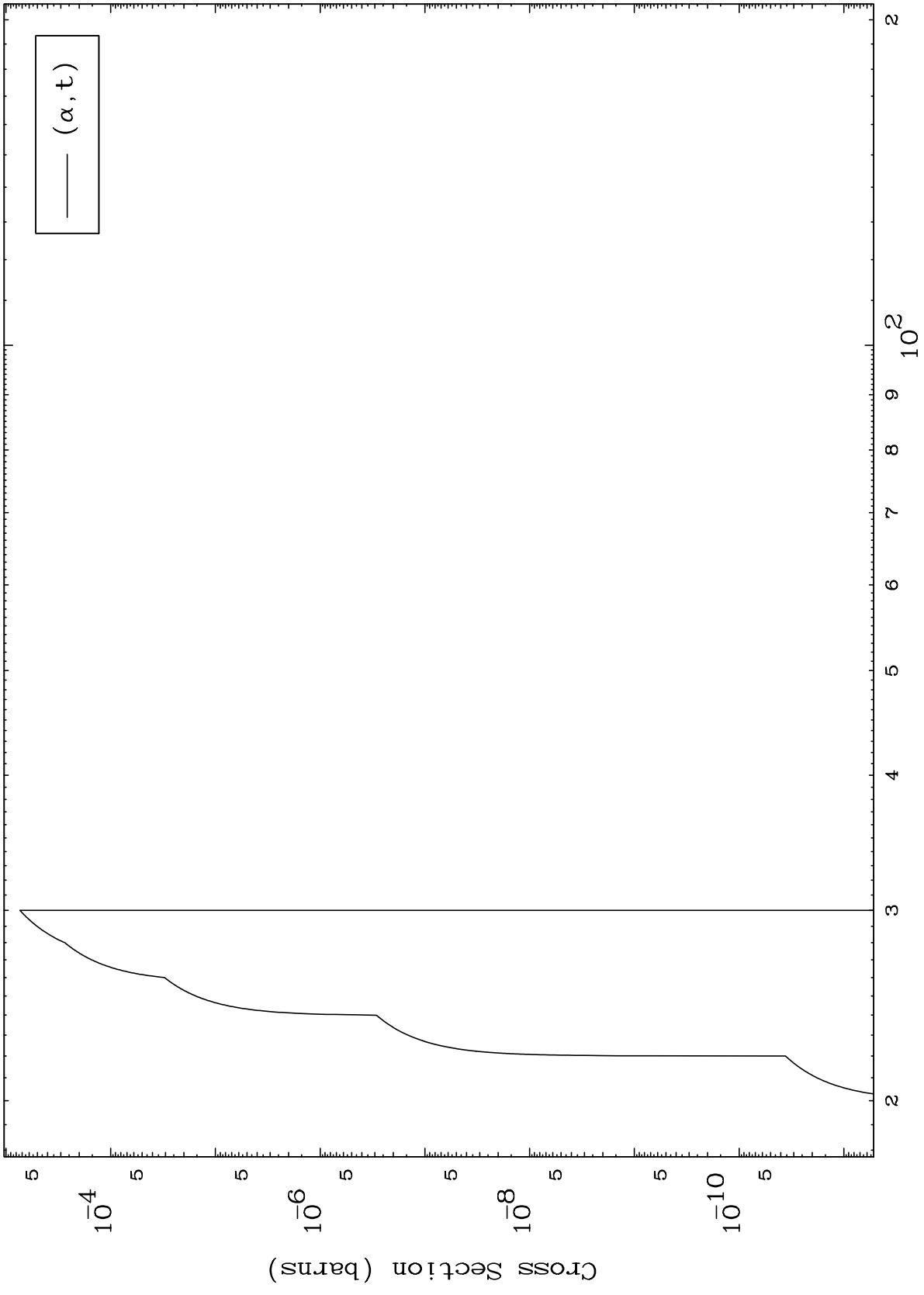
Incident Energy (MeV)

50-Sn-109

MAT 5016

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-109



8

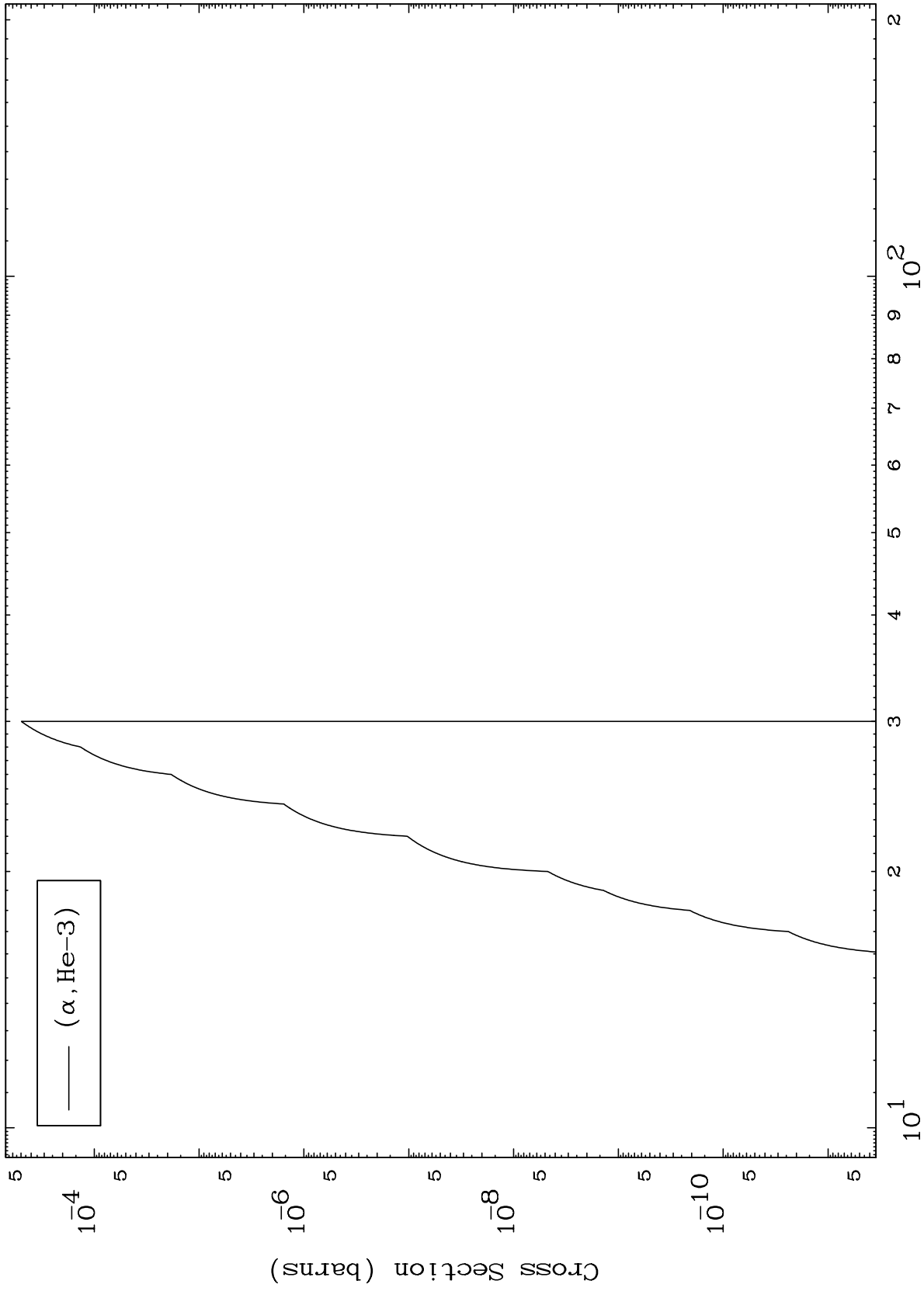
Incident Energy (MeV)

50-Sn-109

MAT 5016

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

50-Sn-109



9

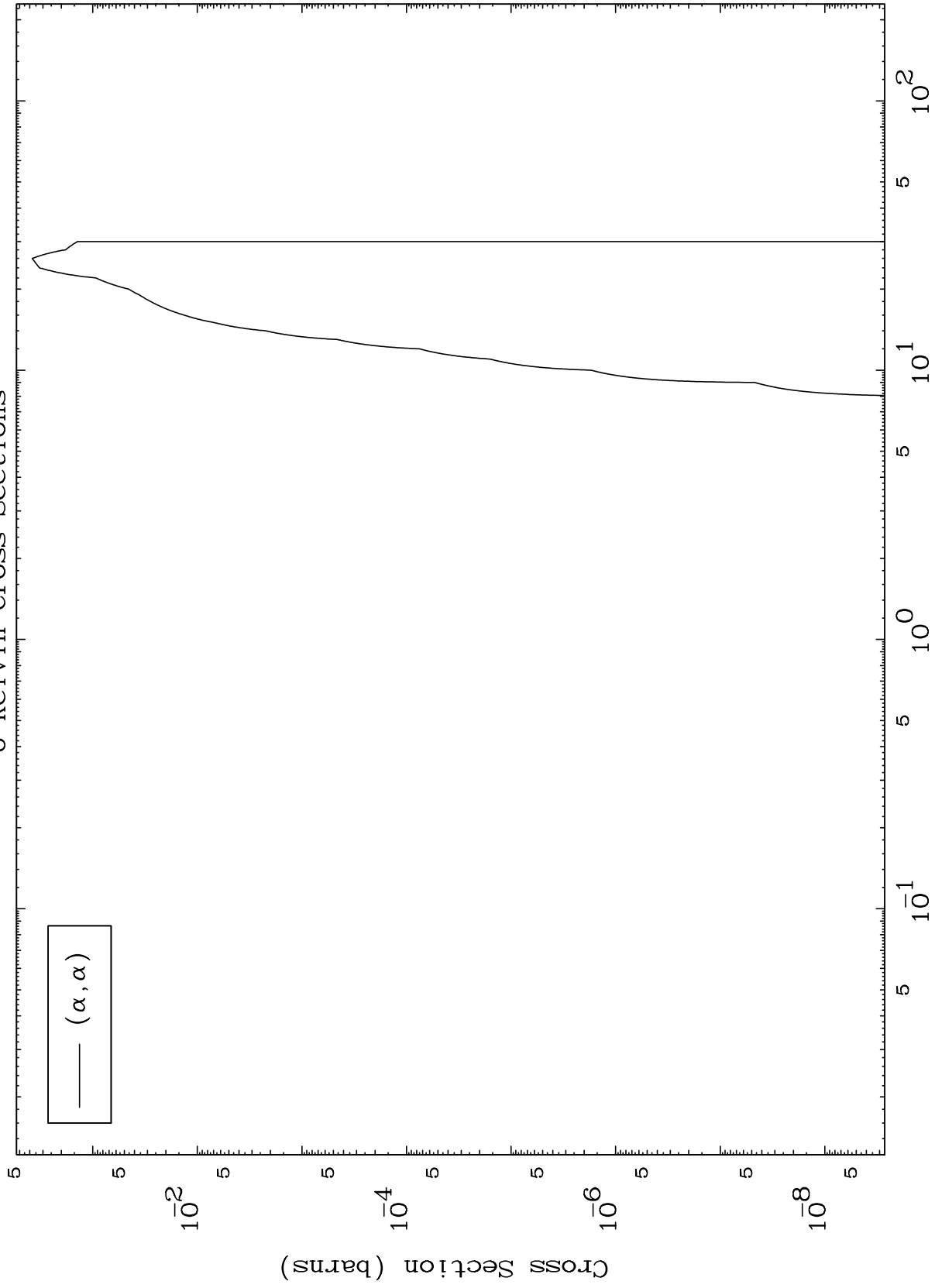
Incident Energy (MeV)

50-Sn-109

MAT 5016

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-109



10

Incident Energy (MeV)

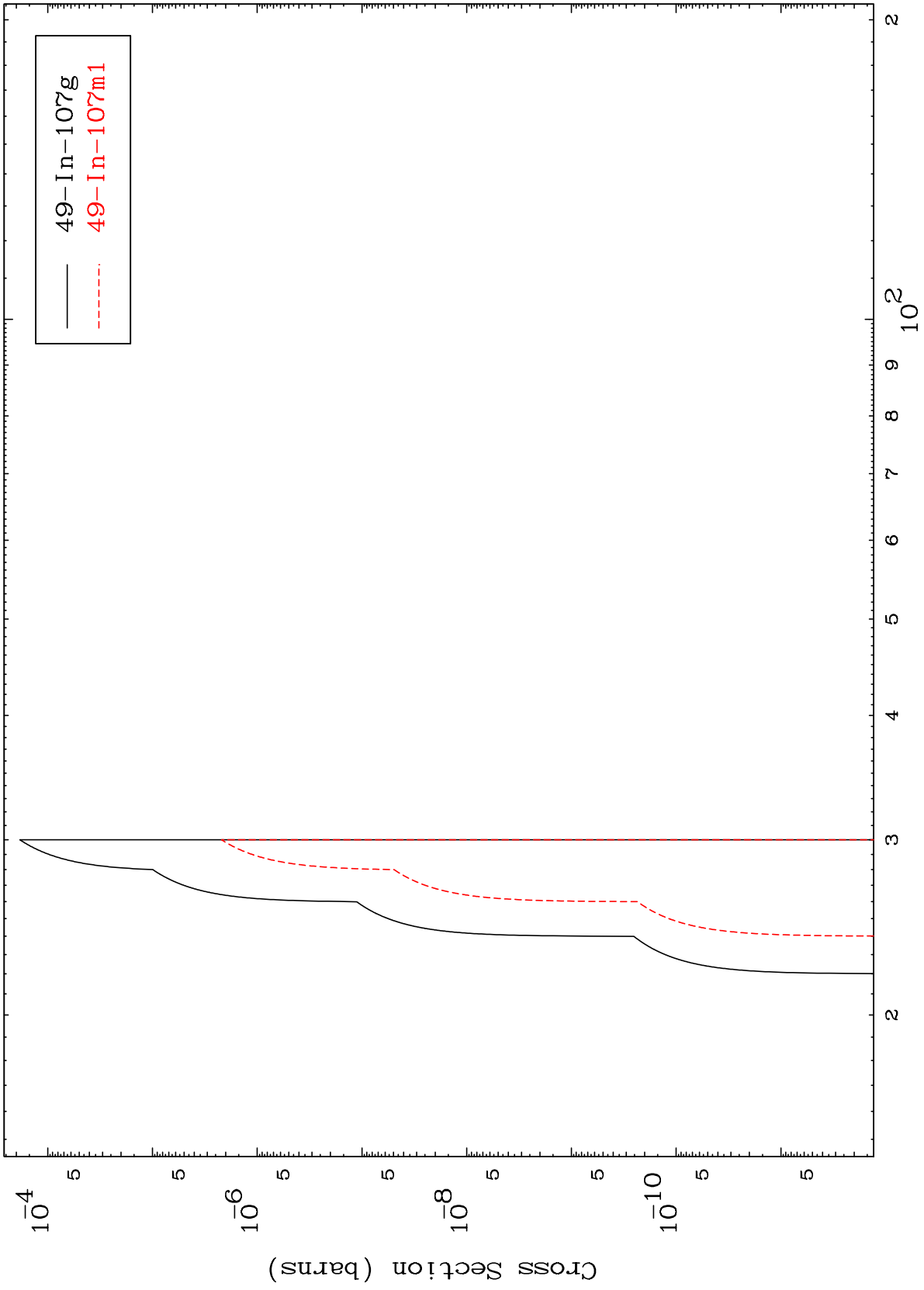
50-Sn-109

MAT 5016

(α, n') p α

50-Sn-109

Radionuclide Production Cross Section



11

Incident Energy (MeV)

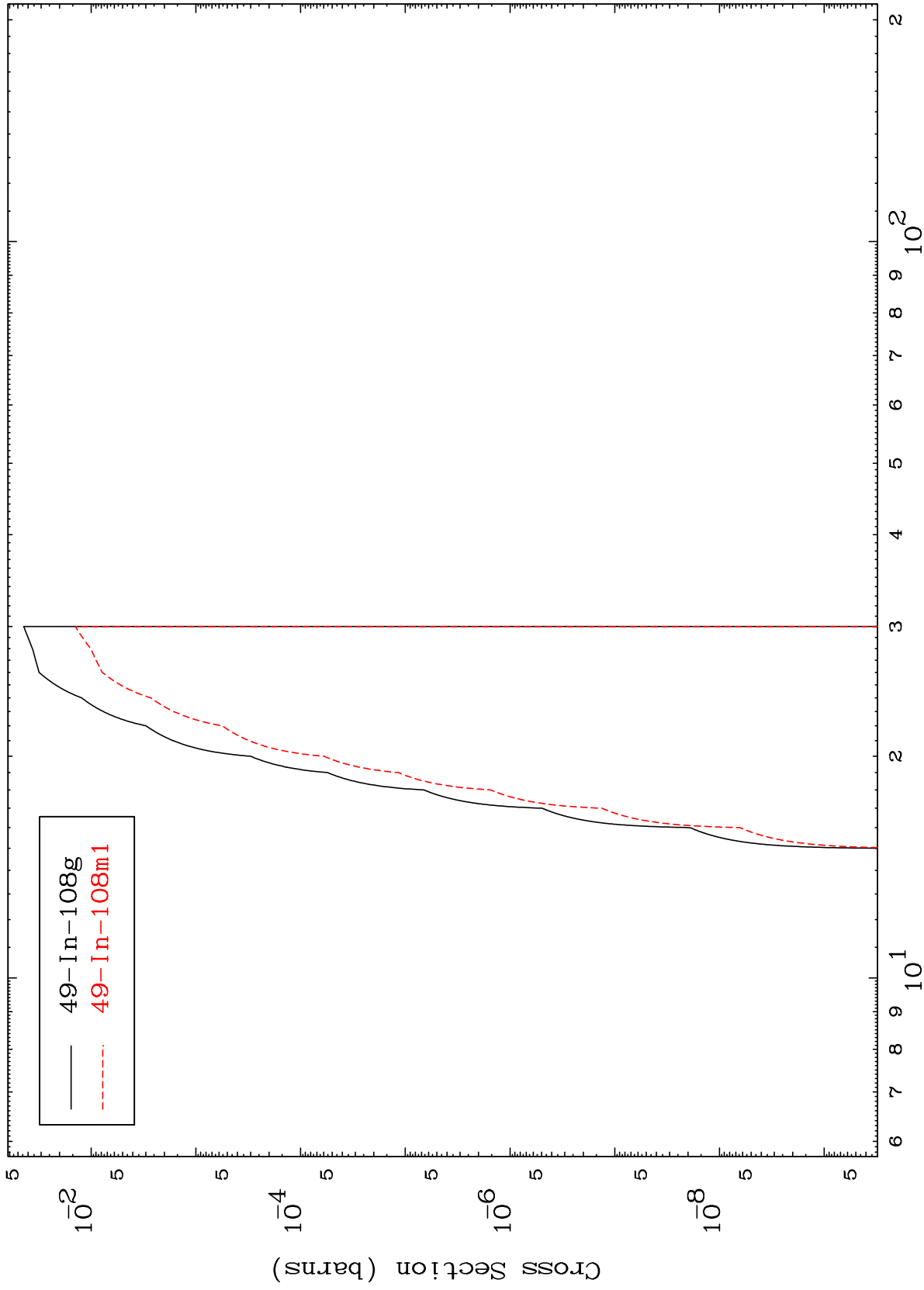
50-Sn-109

MAT 5016

(α, p) α

50-Sn-109

Radionuclide Production Cross Section



12

Incident Energy (MeV)

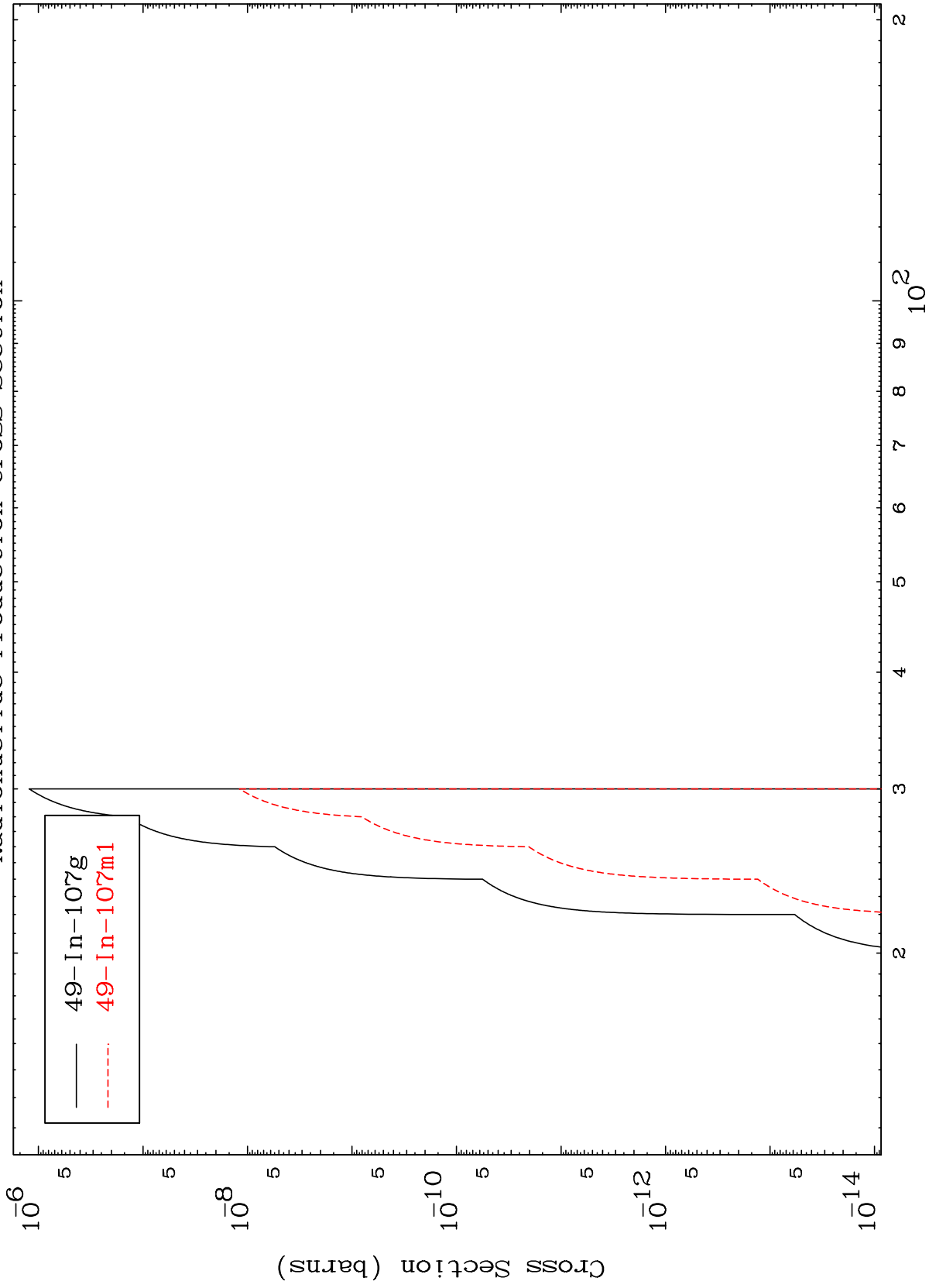
50-Sn-109

MAT 5016

(α, d) α

50-Sn-109

Radionuclide Production Cross Section



13

Incident Energy (MeV)

50-Sn-109