

Program EVALPLOT
(Version 2018-1)

by

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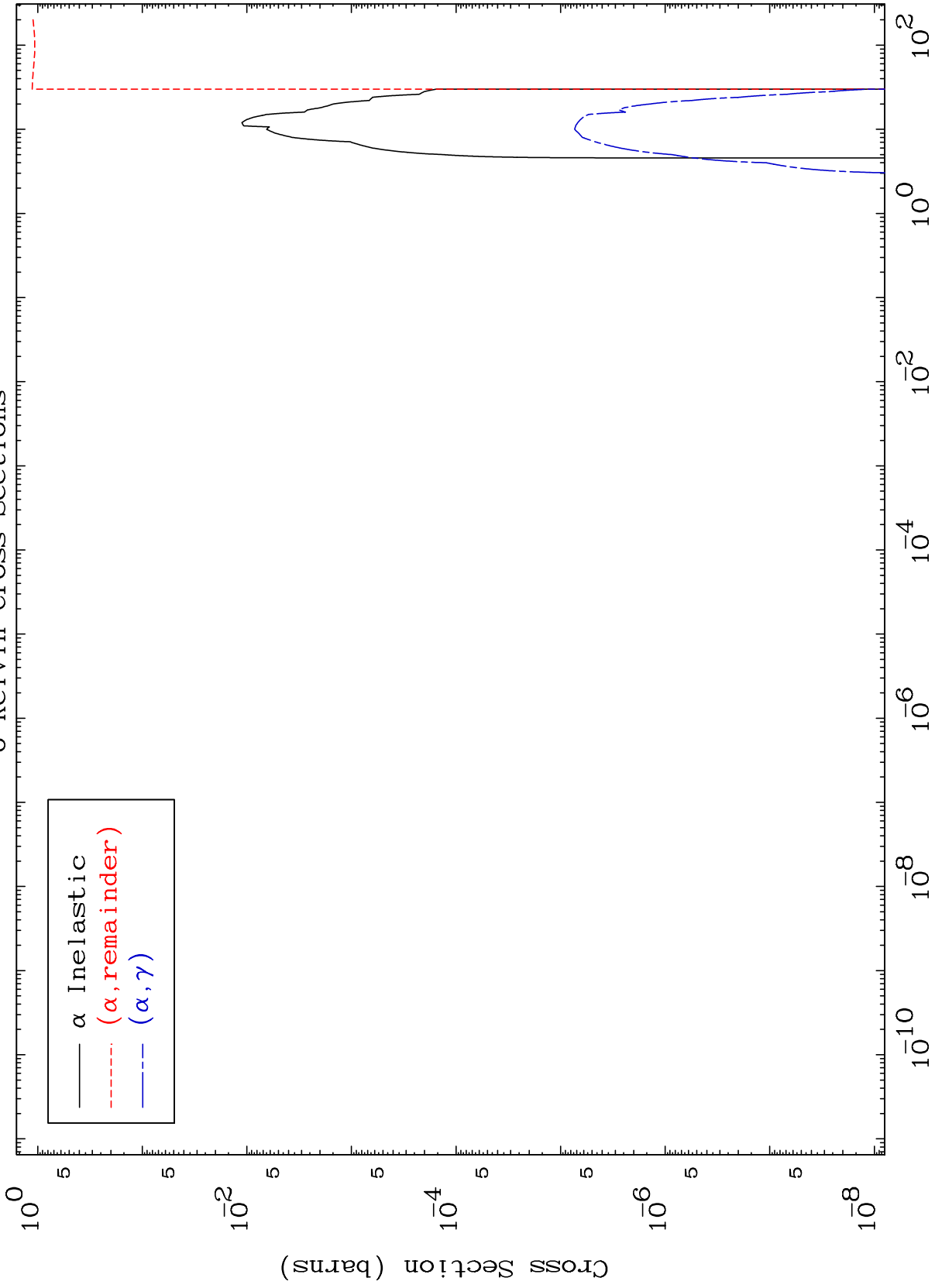
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1422

0 Kelvin α Major

14-Si-27



α Inelastic
(α , remainder)
(α , γ)

14-Si-27

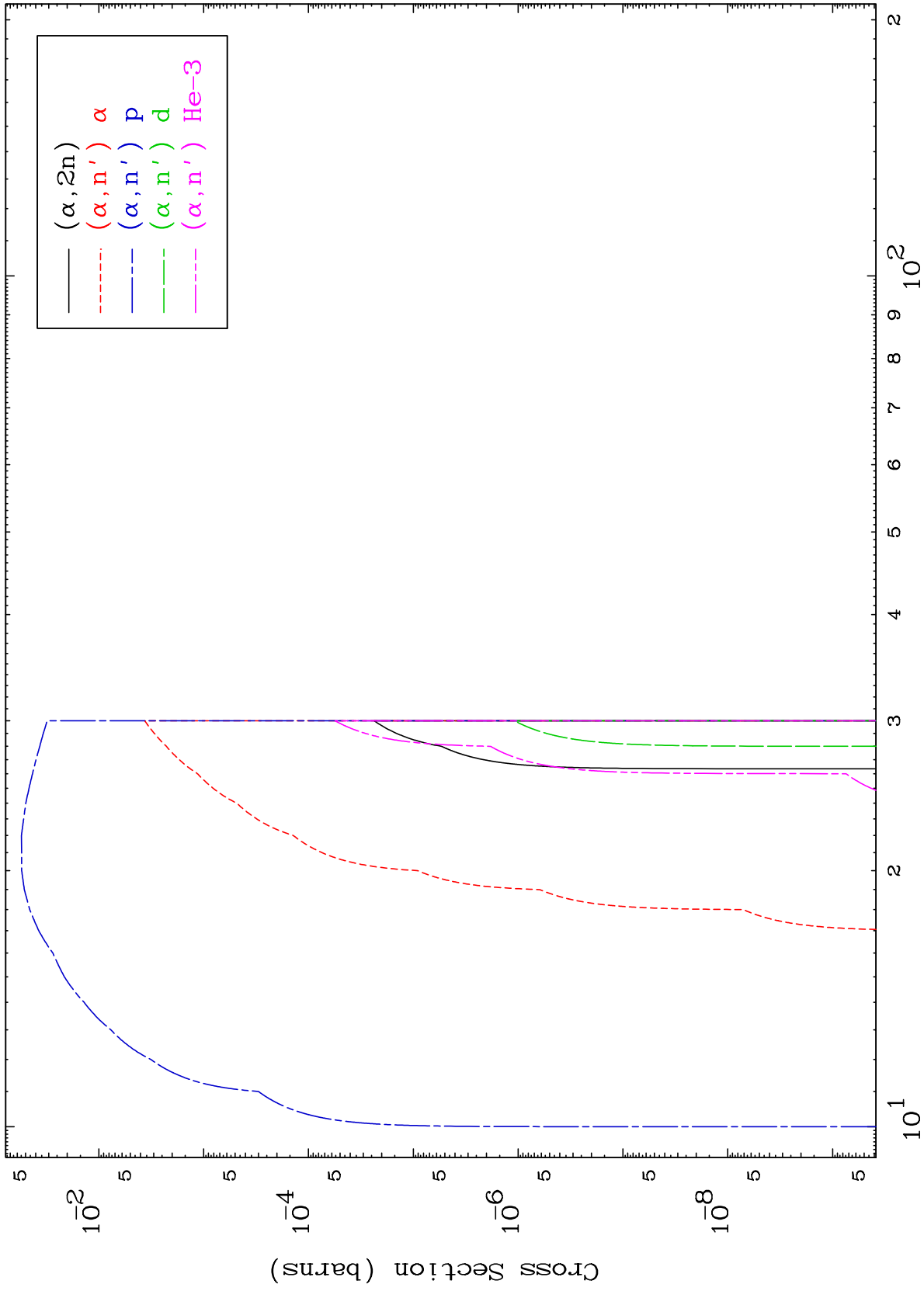
Incident Energy (MeV)

1

MAT 1422

α Neutron Production
0 Kelvin Cross Sections

14-Si-27



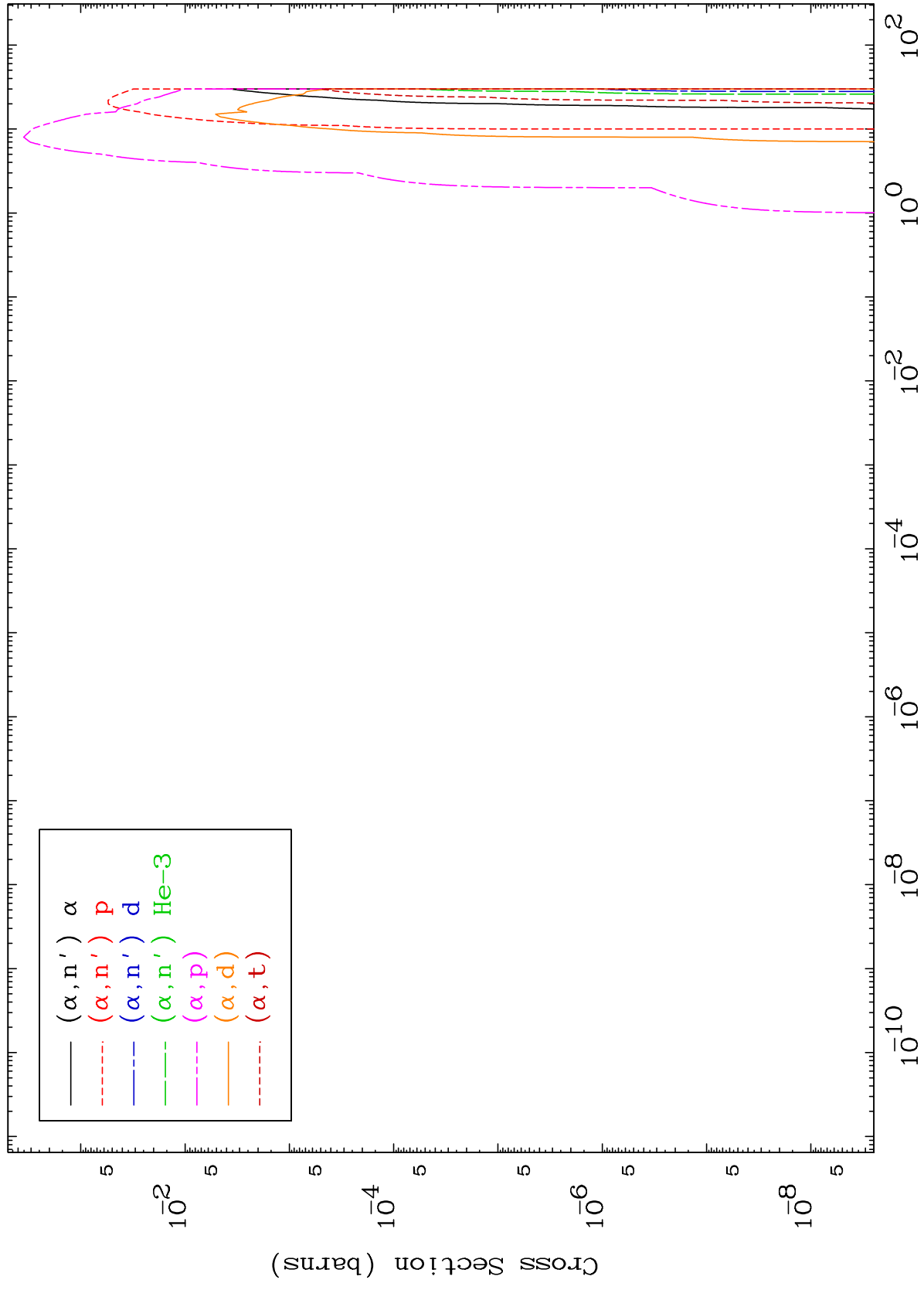
Incident Energy (MeV)

14-Si-27

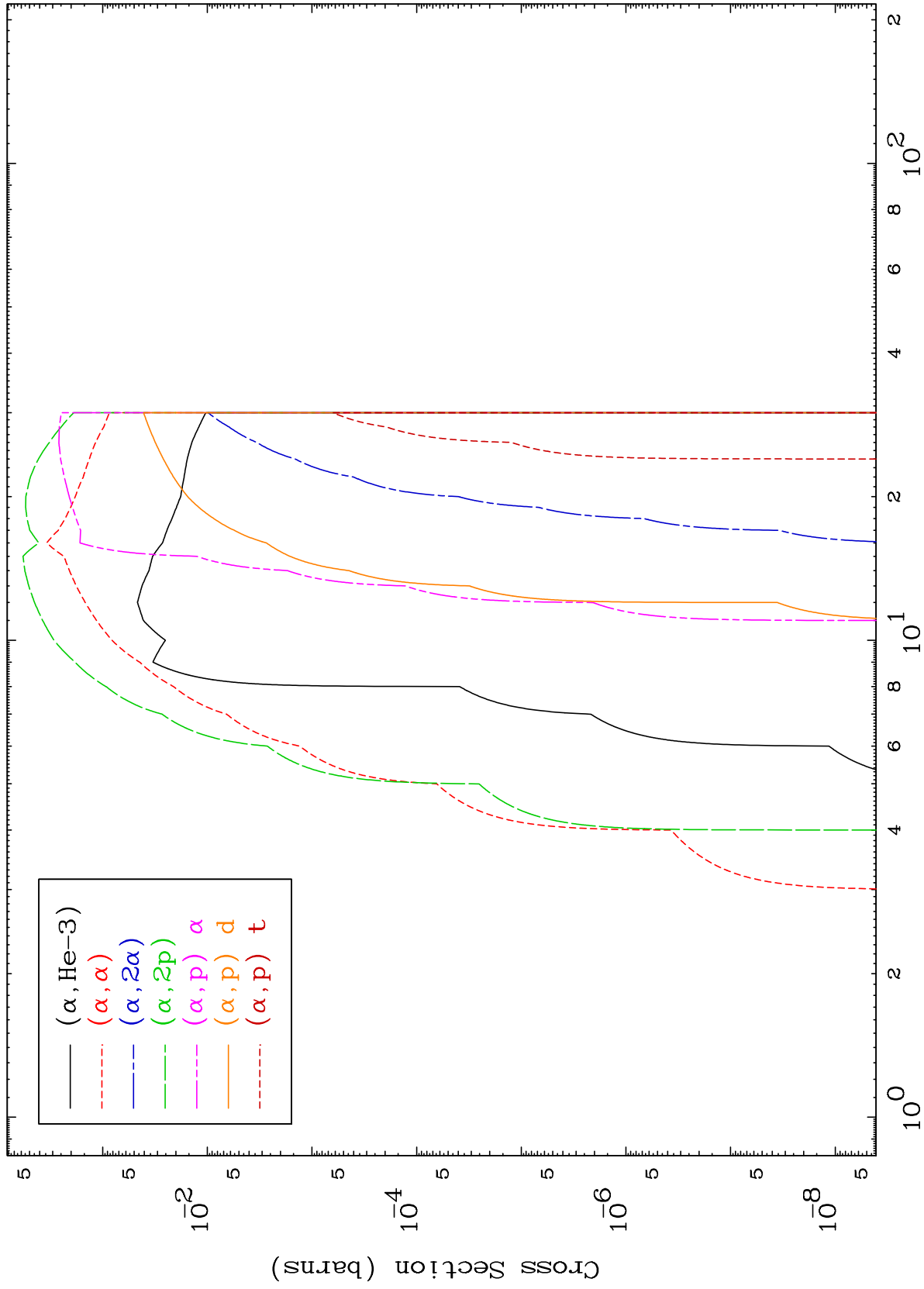
MAT 1422

α Charged Particle
0 Kelvin Cross Sections

14-Si-27



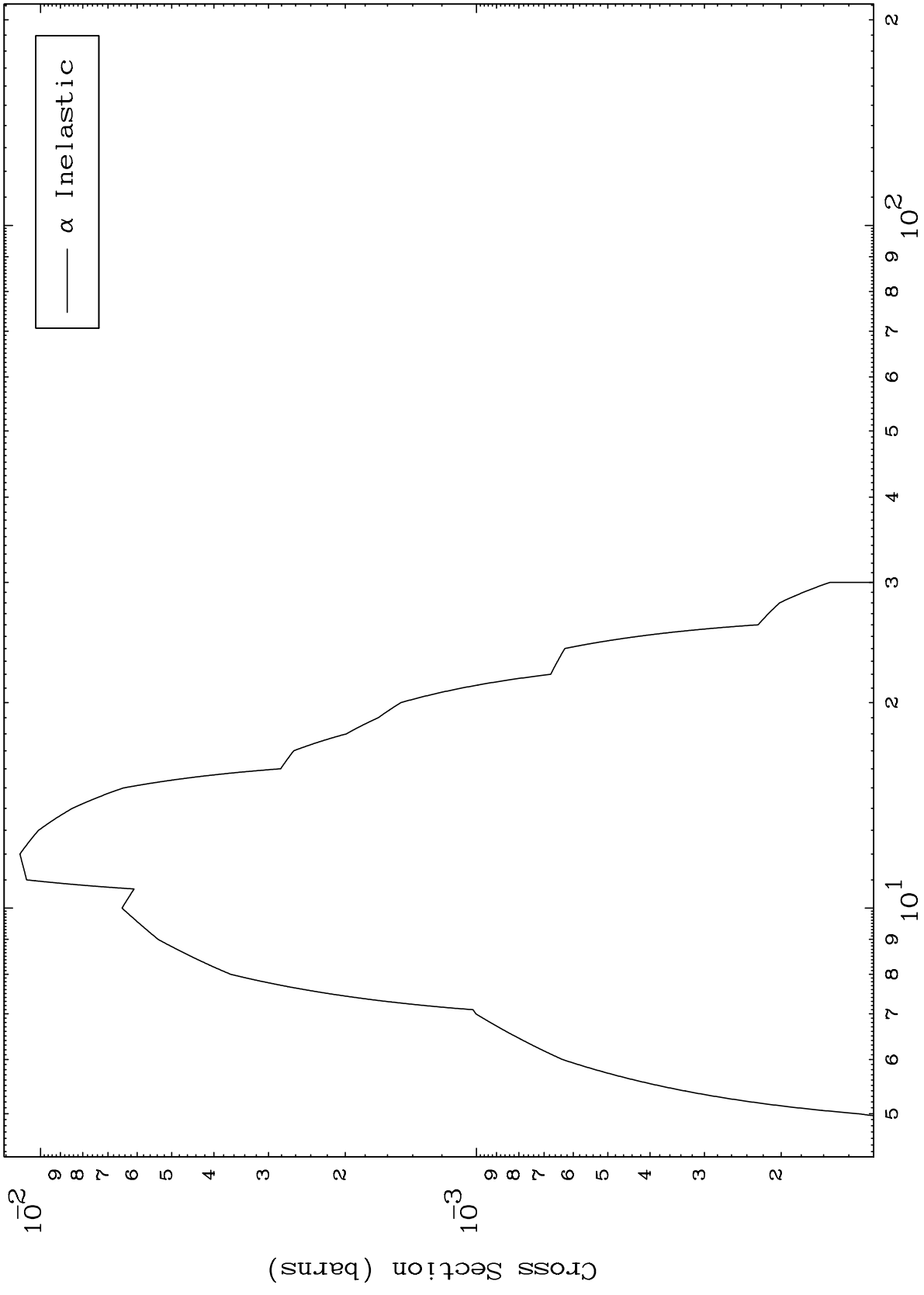
14-Si-27



MAT 1422

(α, n') Level
0 Kelvin Cross Sections

14-Si-27



5

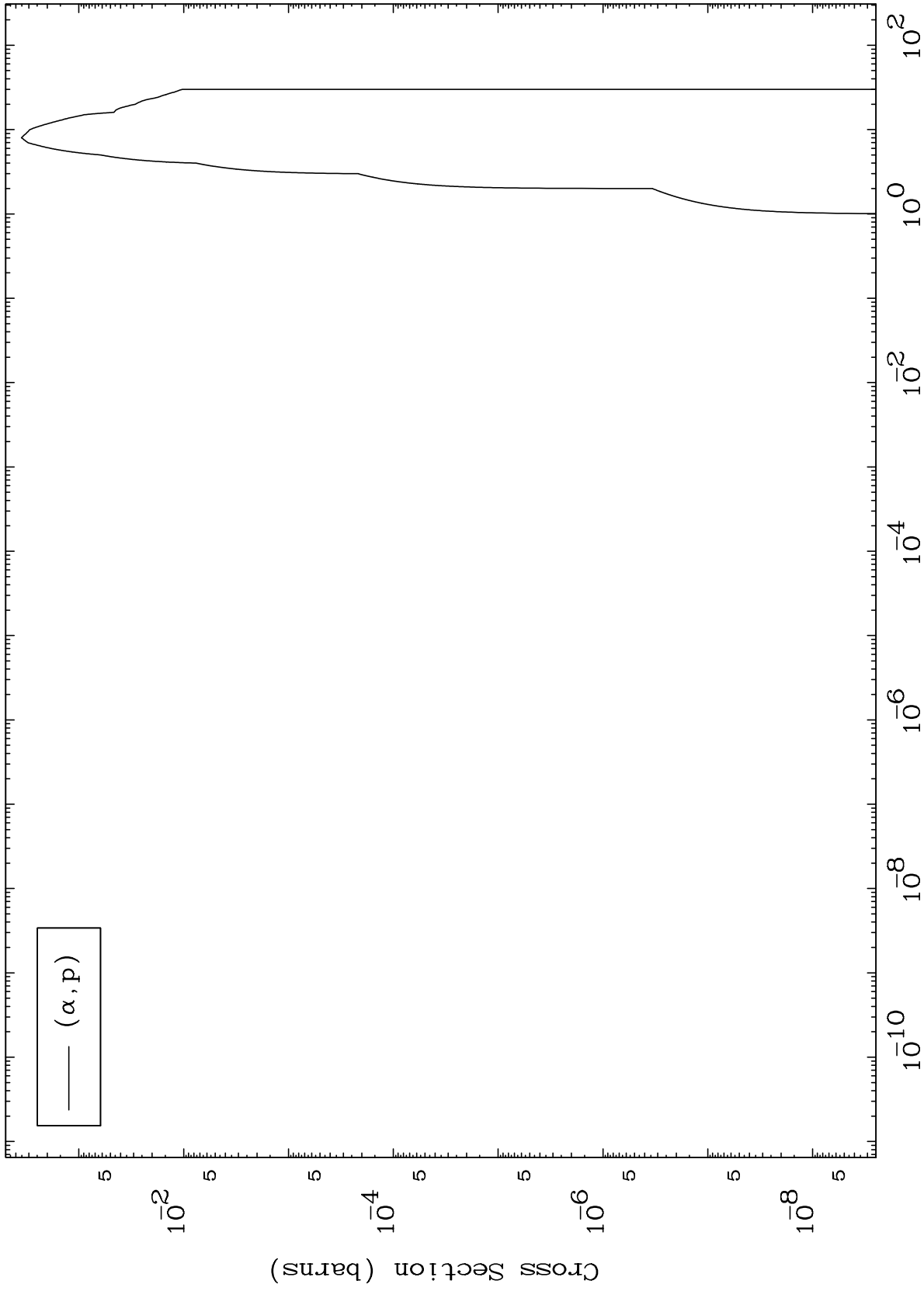
Incident Energy (MeV)

14-Si-27

MAT 1422

(α, p) Levels
0 Kelvin Cross Sections

14-Si-27



6

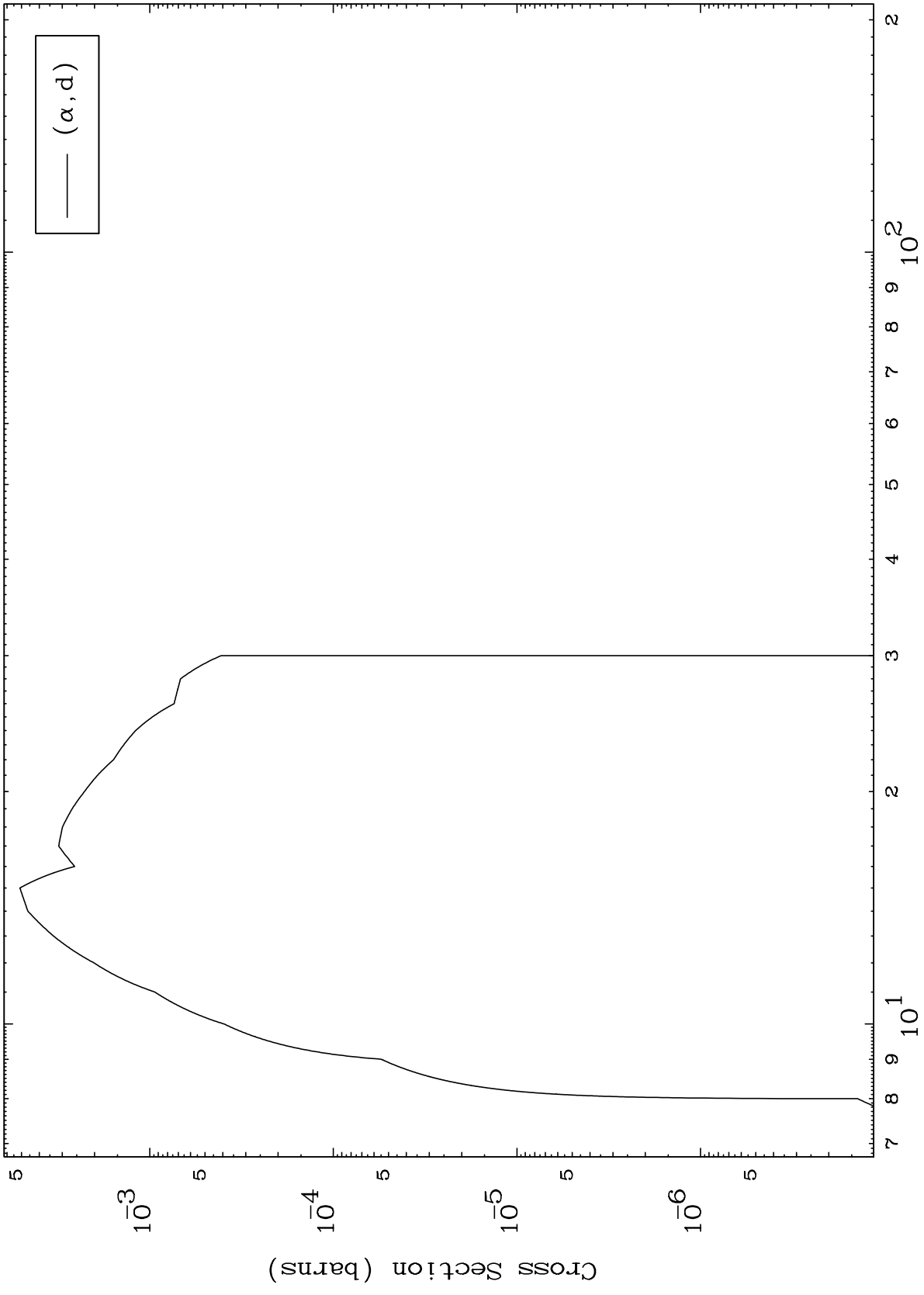
Incident Energy (MeV)

14-Si-27

MAT 1422

(α, d) Levels
0 Kelvin Cross Sections

14-Si-27



7

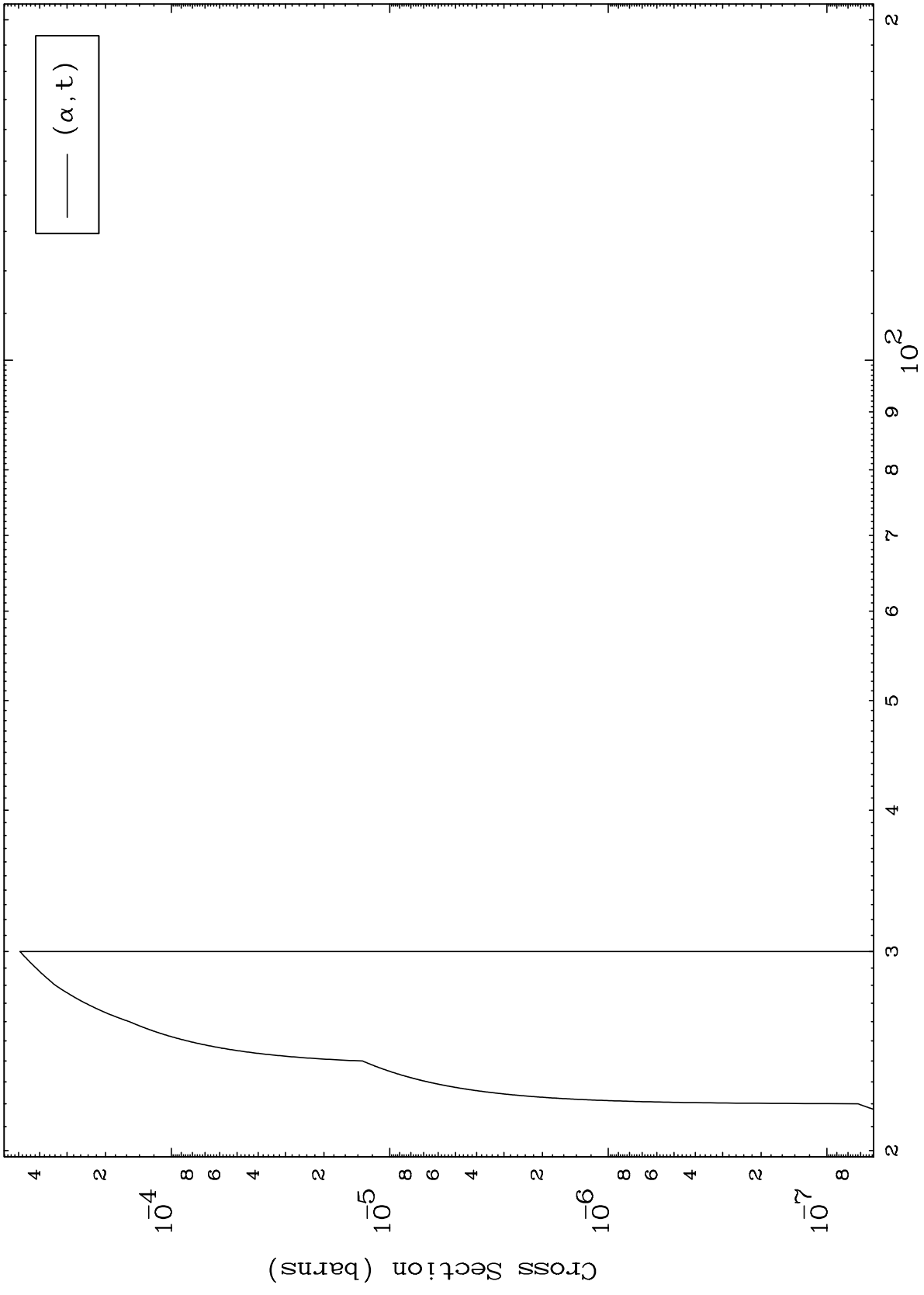
Incident Energy (MeV)

14-Si-27

MAT 1422

(α, t) Levels
0 Kelvin Cross Sections

14-Si-27



8

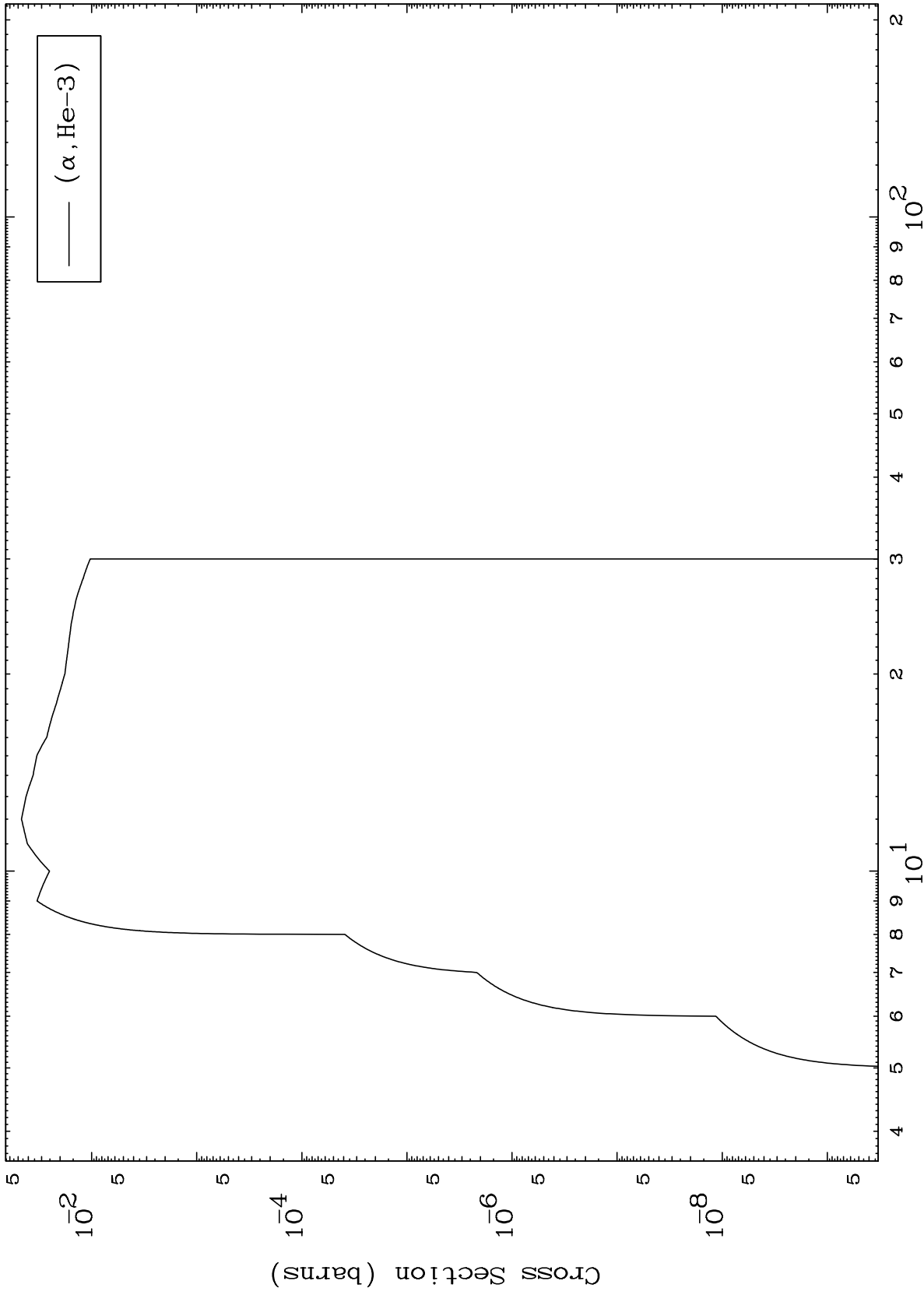
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



9

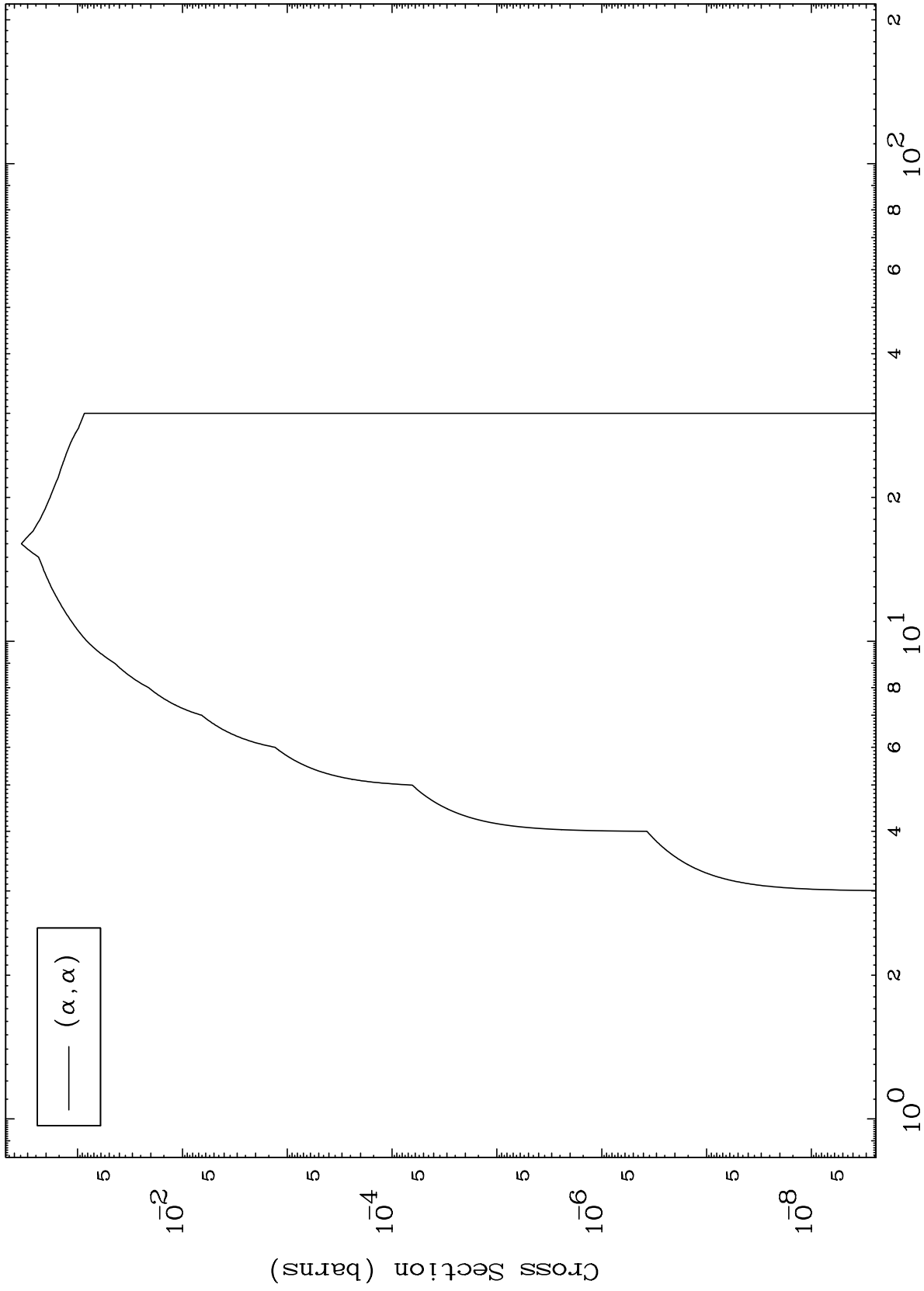
Incident Energy (MeV)

14-Si-27

MAT 1422

(α, α) Levels
0 Kelvin Cross Sections

14-Si-27



Incident Energy (MeV)

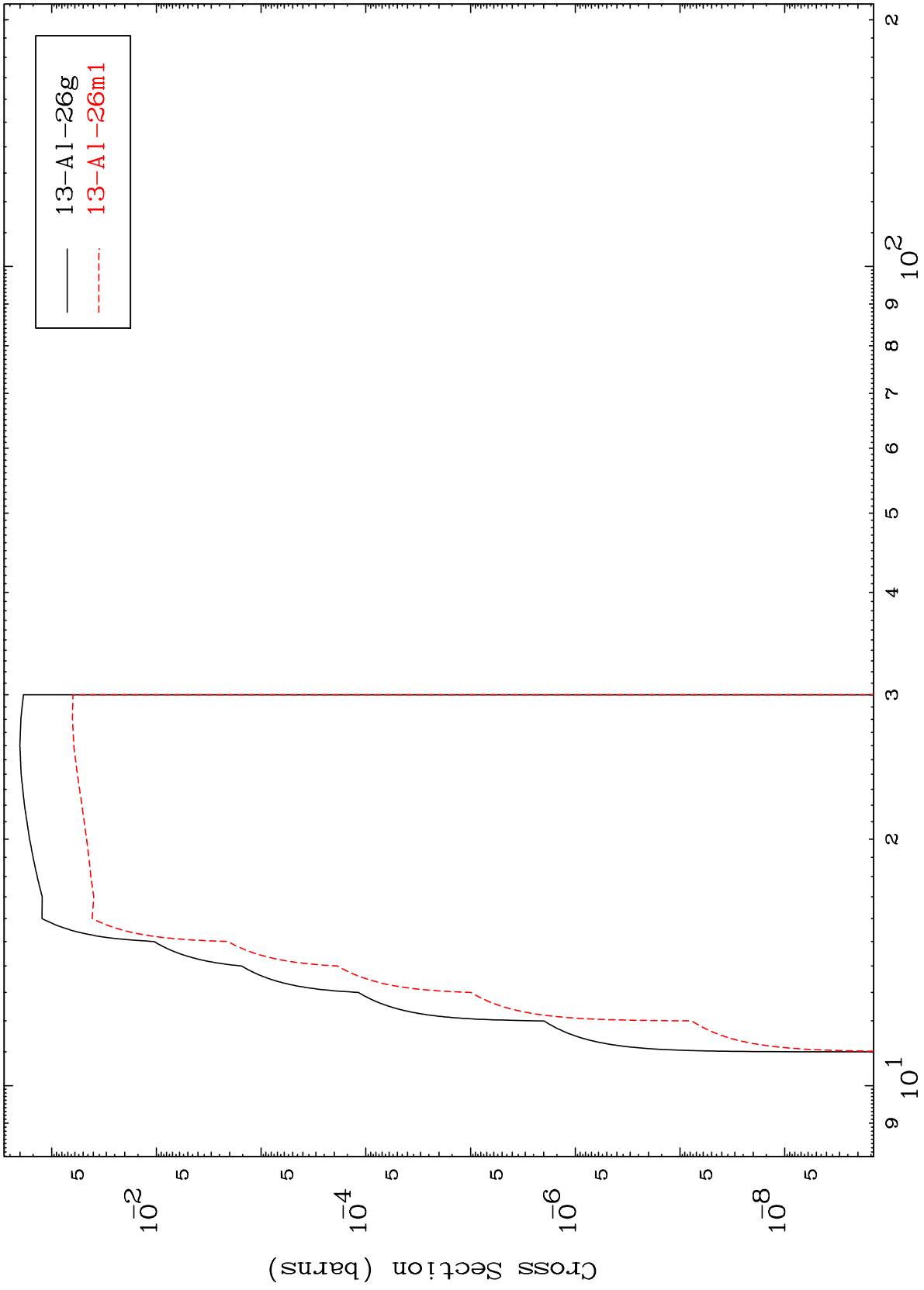
14-Si-27

MAT 1422

(α, p) α

^{14}Si -27

Radionuclide Production Cross Section



11

Incident Energy (MeV)

^{14}Si -27