

Program EVALPLOT
(Version 2017-1)

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

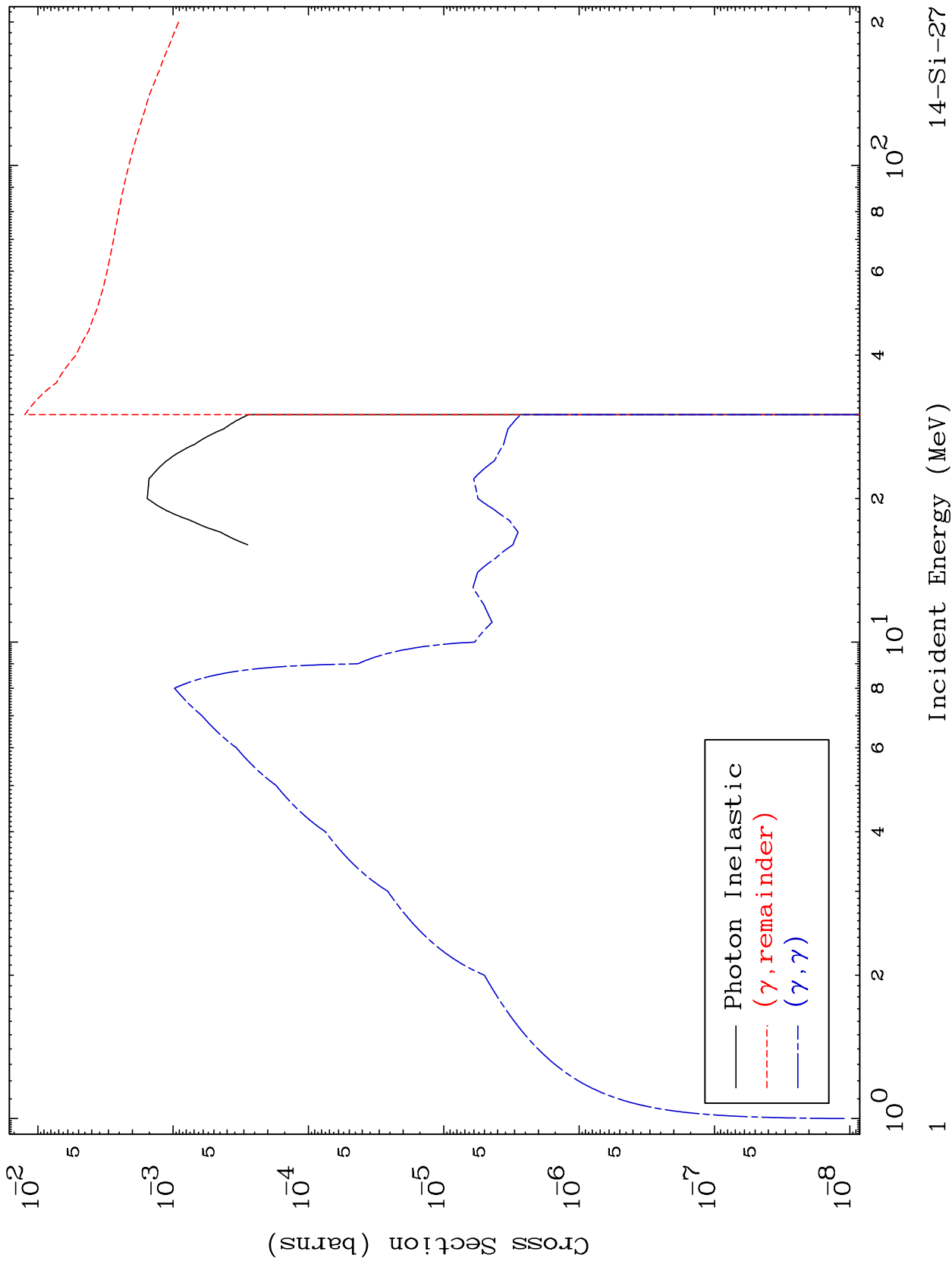
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1422

Photon Major
0 Kelvin Cross Sections

14-Si-27



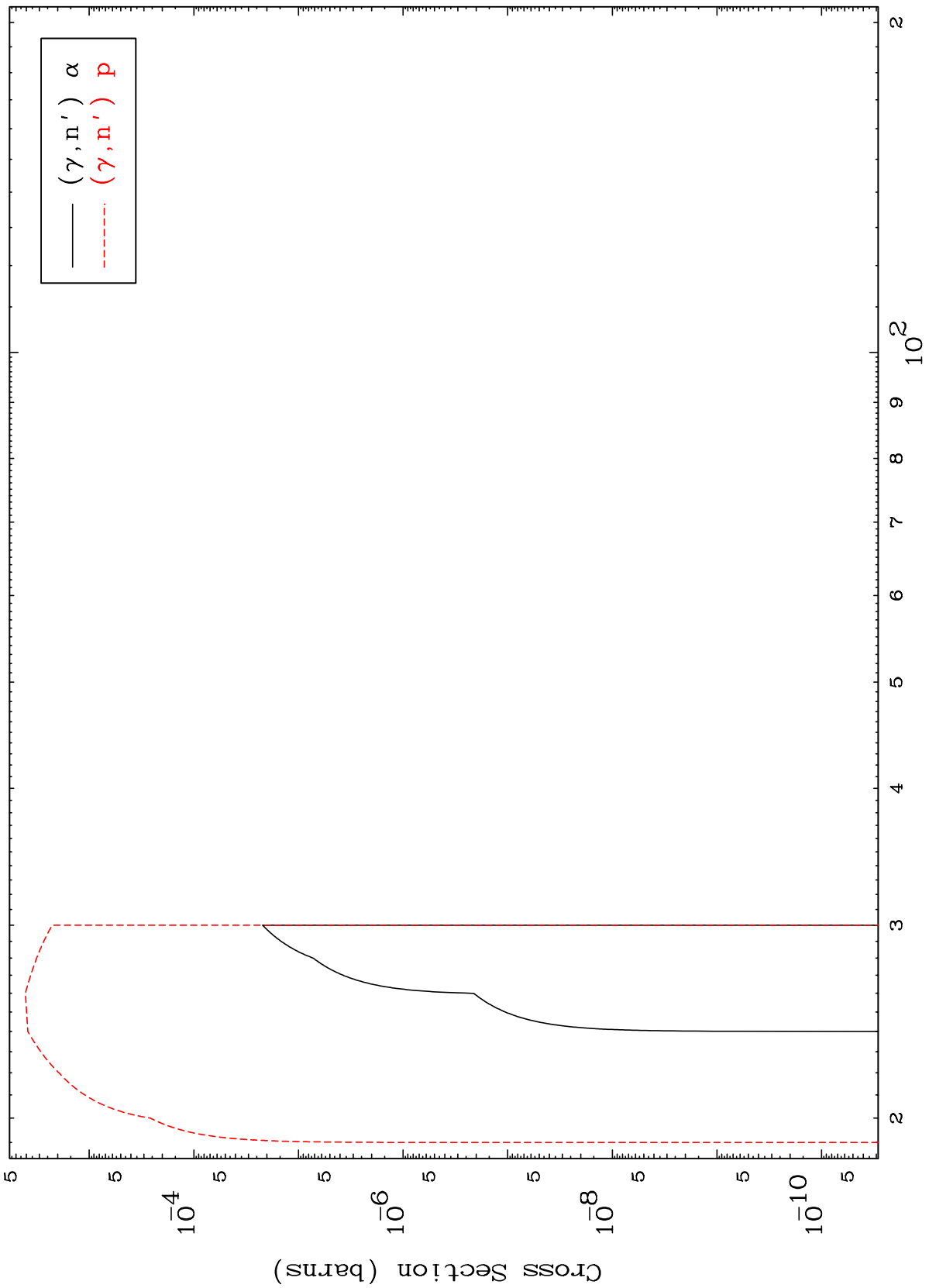
Incident Energy (MeV)

14-Si-27

MAT 1422

Photon Neutron Production
0 Kelvin Cross Sections

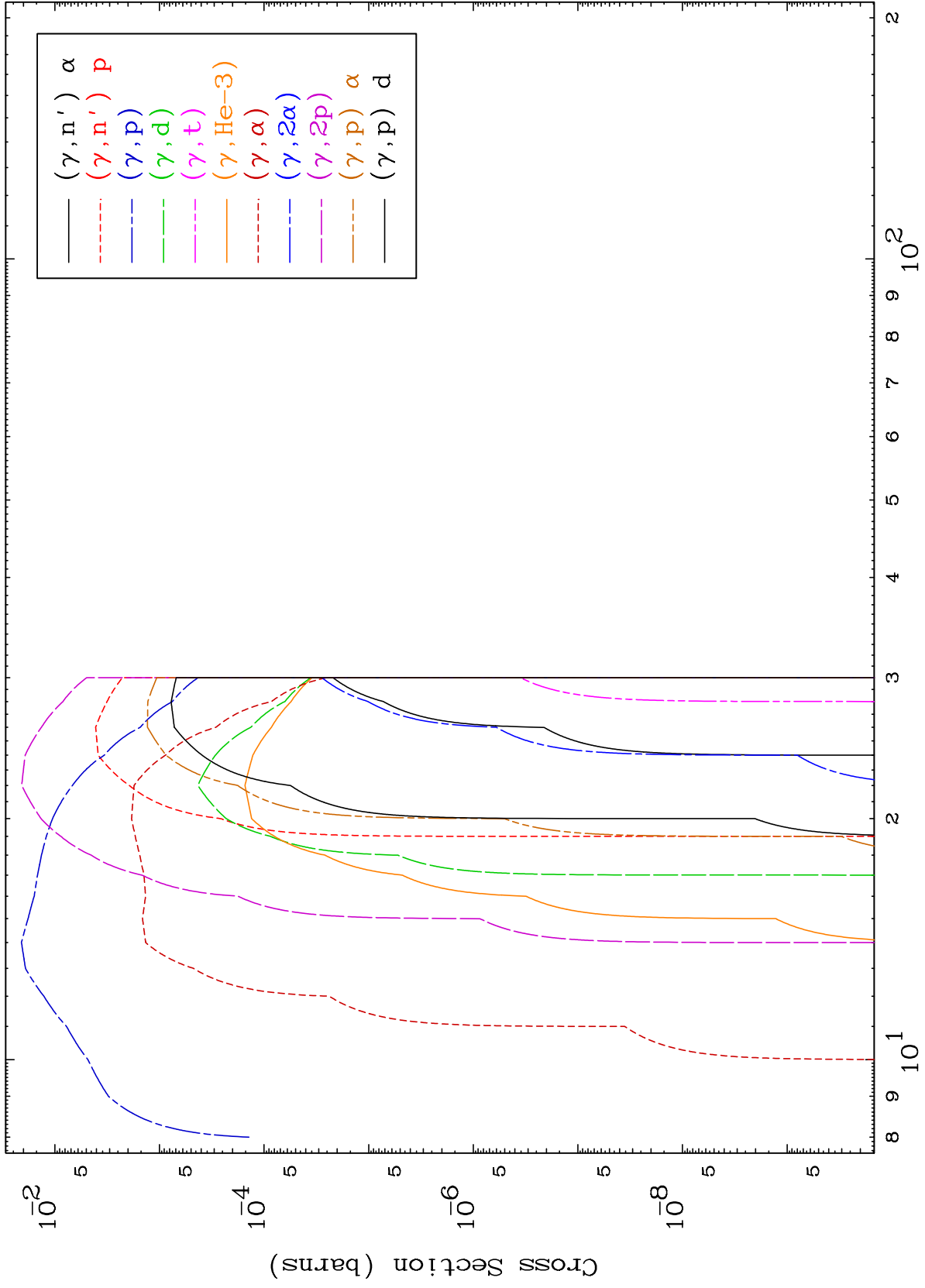
14-Si-27



14-Si-27

Incident Energy (MeV)

2

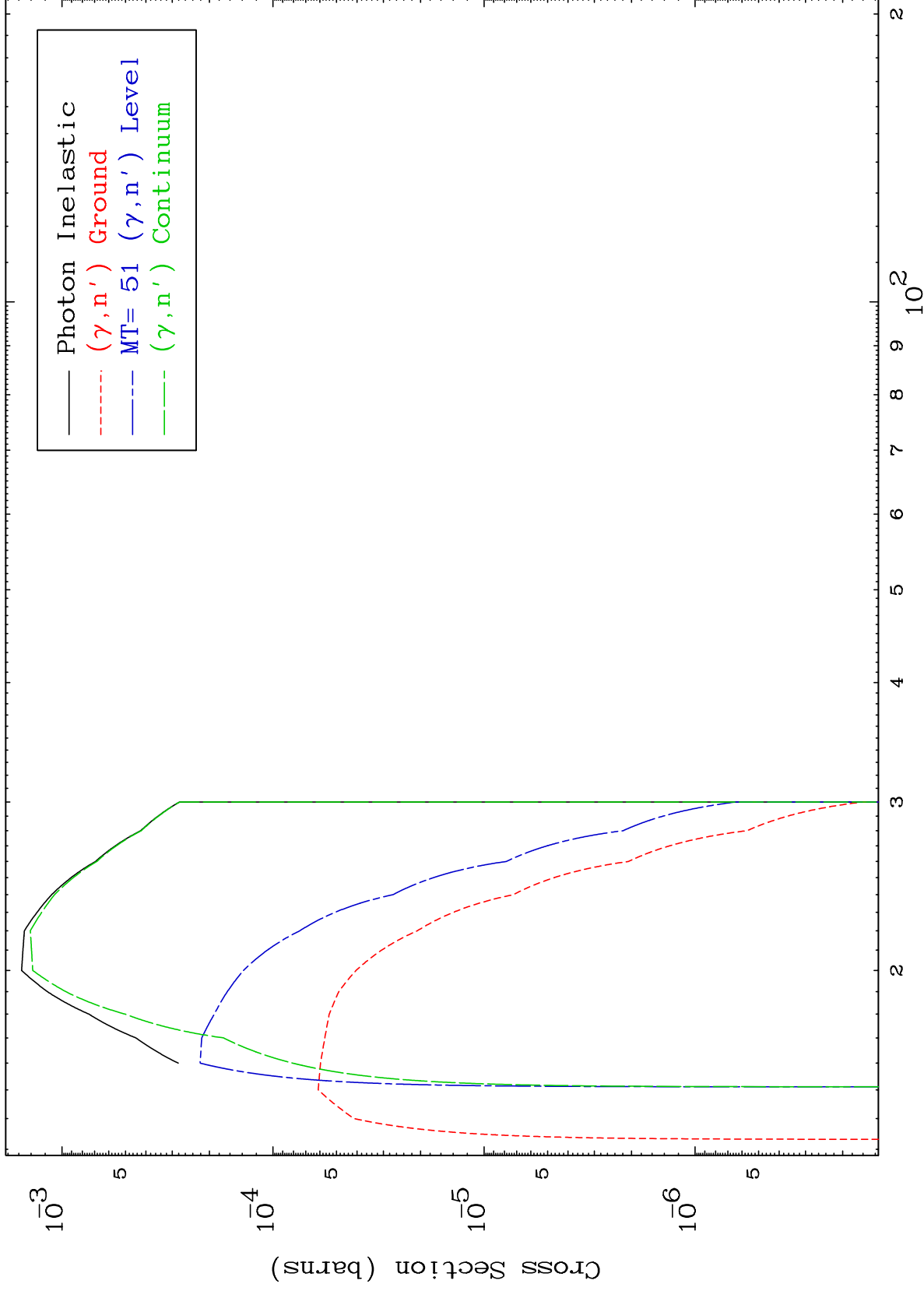


MAT 1422

(γ, n') Level

$^{14}\text{Si}-27$

0 Kelvin Cross Sections



Incident Energy (MeV)

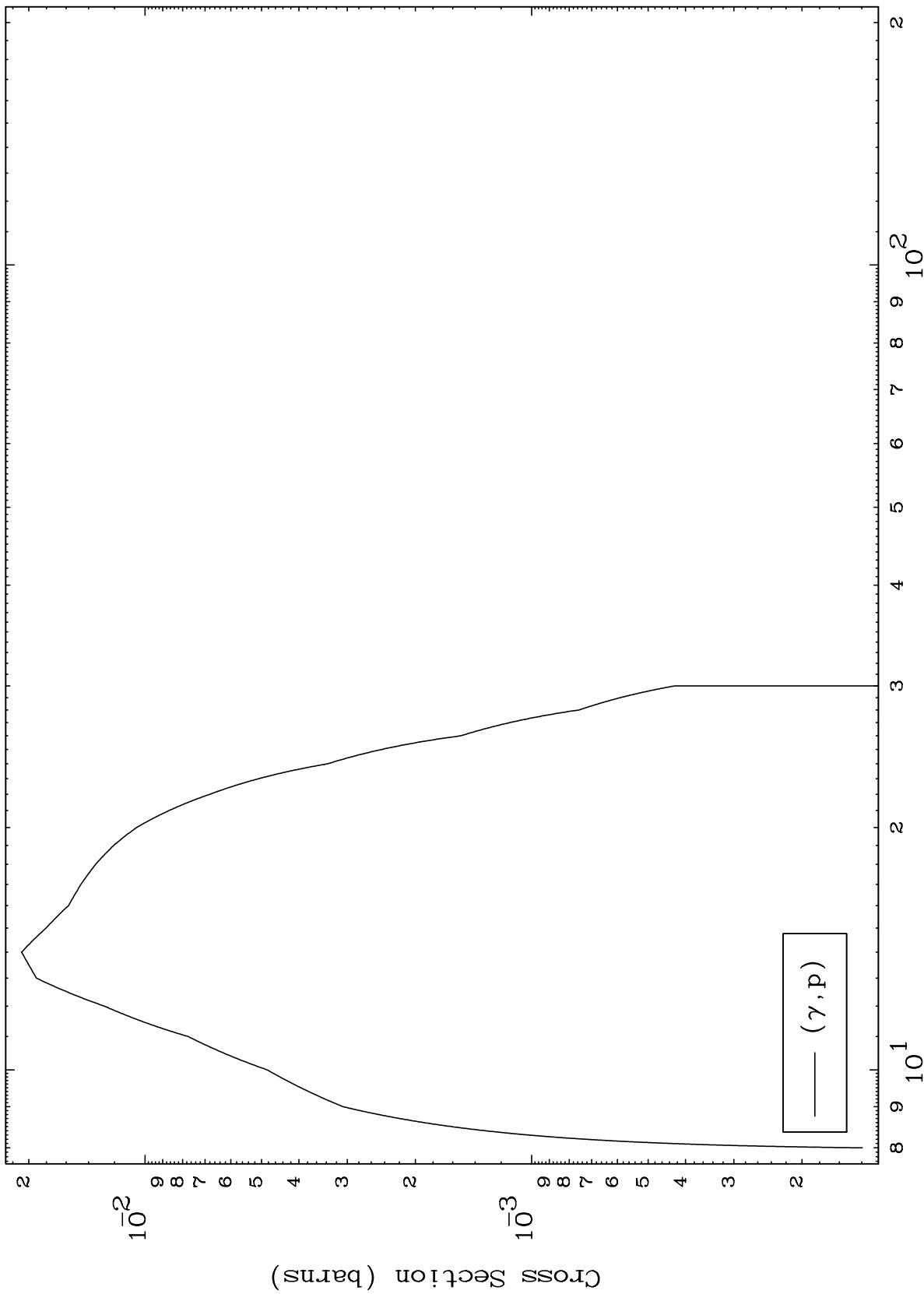
$^{14}\text{Si}-27$

4

MAT 1422

(γ, p) Levels
0 Kelvin Cross Sections

14-Si-27



14-Si-27

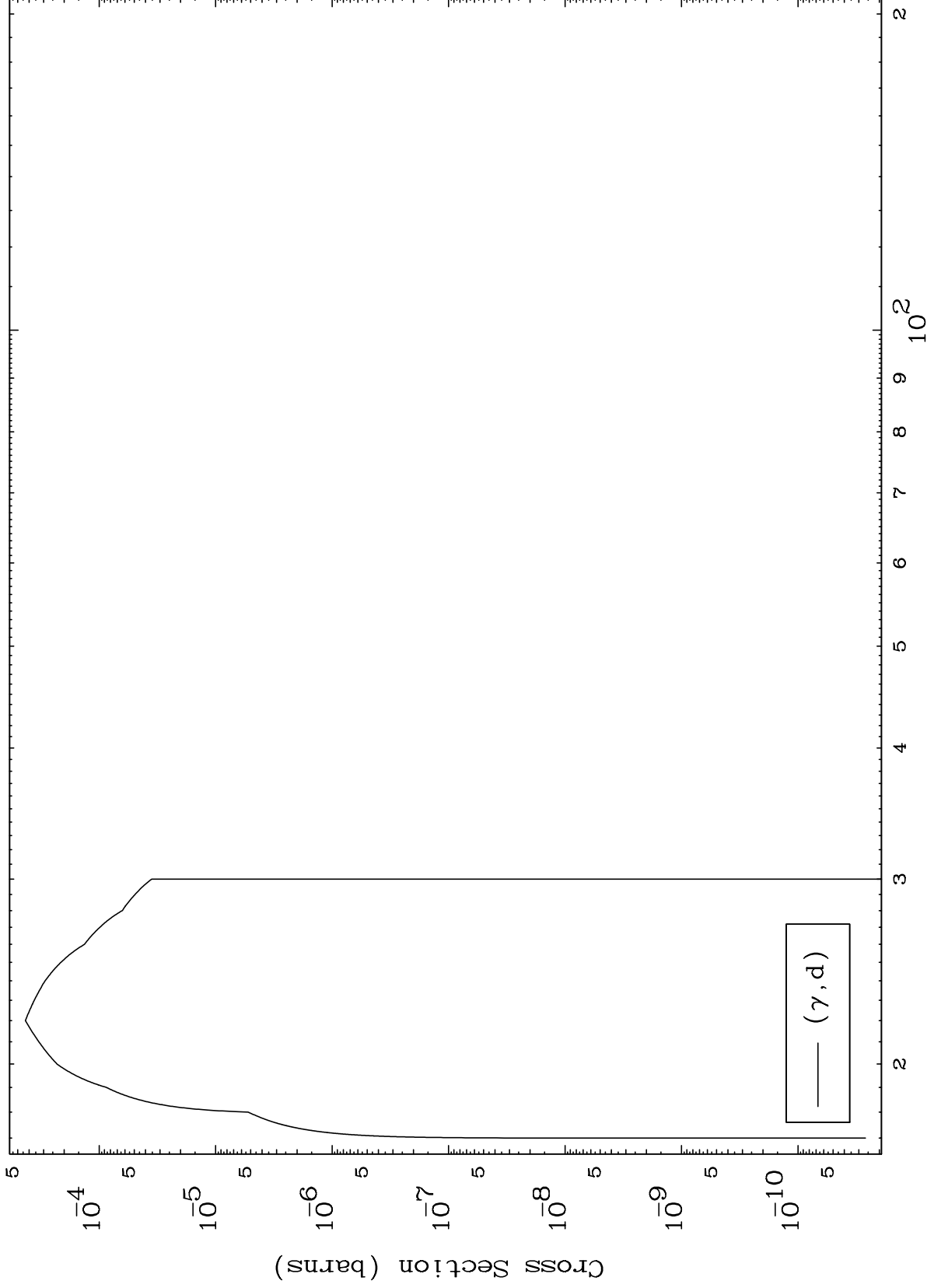
Incident Energy (MeV)

5

MAT 1422

(γ, d) Levels
0 Kelvin Cross Sections

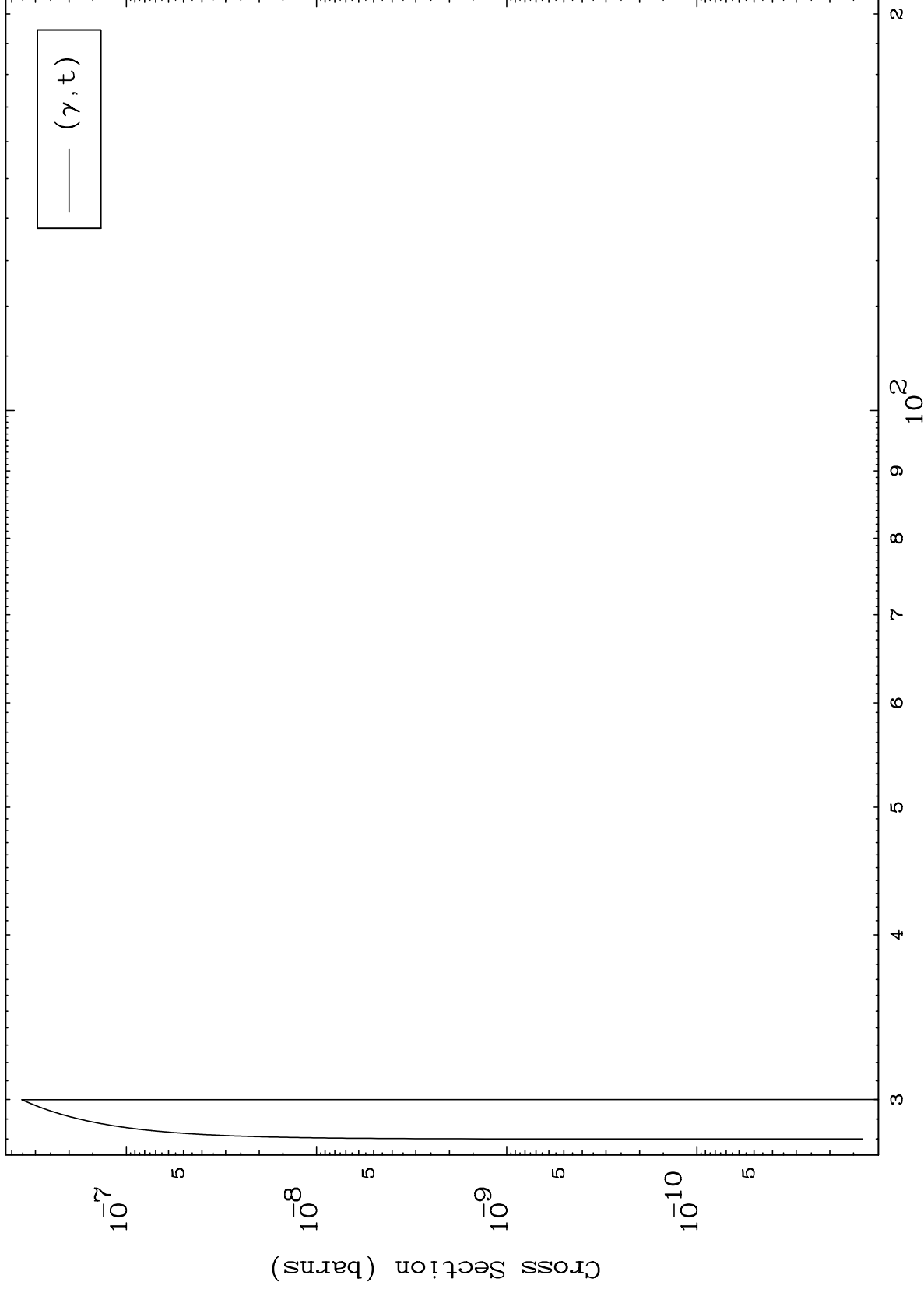
14-Si-27



MAT 1422

(γ, t) Levels
0 Kelvin Cross Sections

14-Si-27



7

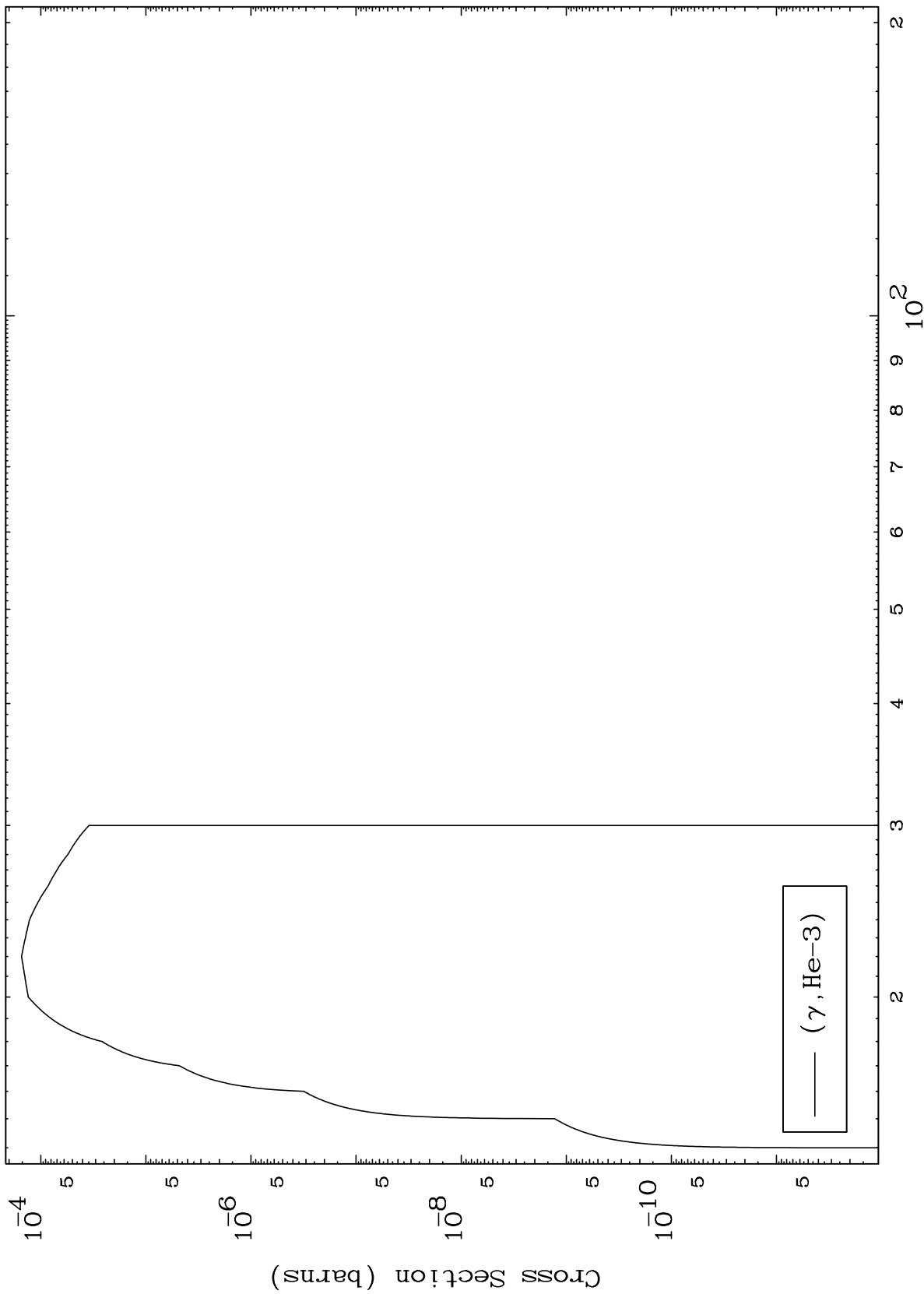
Incident Energy (MeV)

14-Si-27

MAT 1422

14-Si-27

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



— ($\gamma, \text{He}3$)

14-Si-27

Incident Energy (MeV)

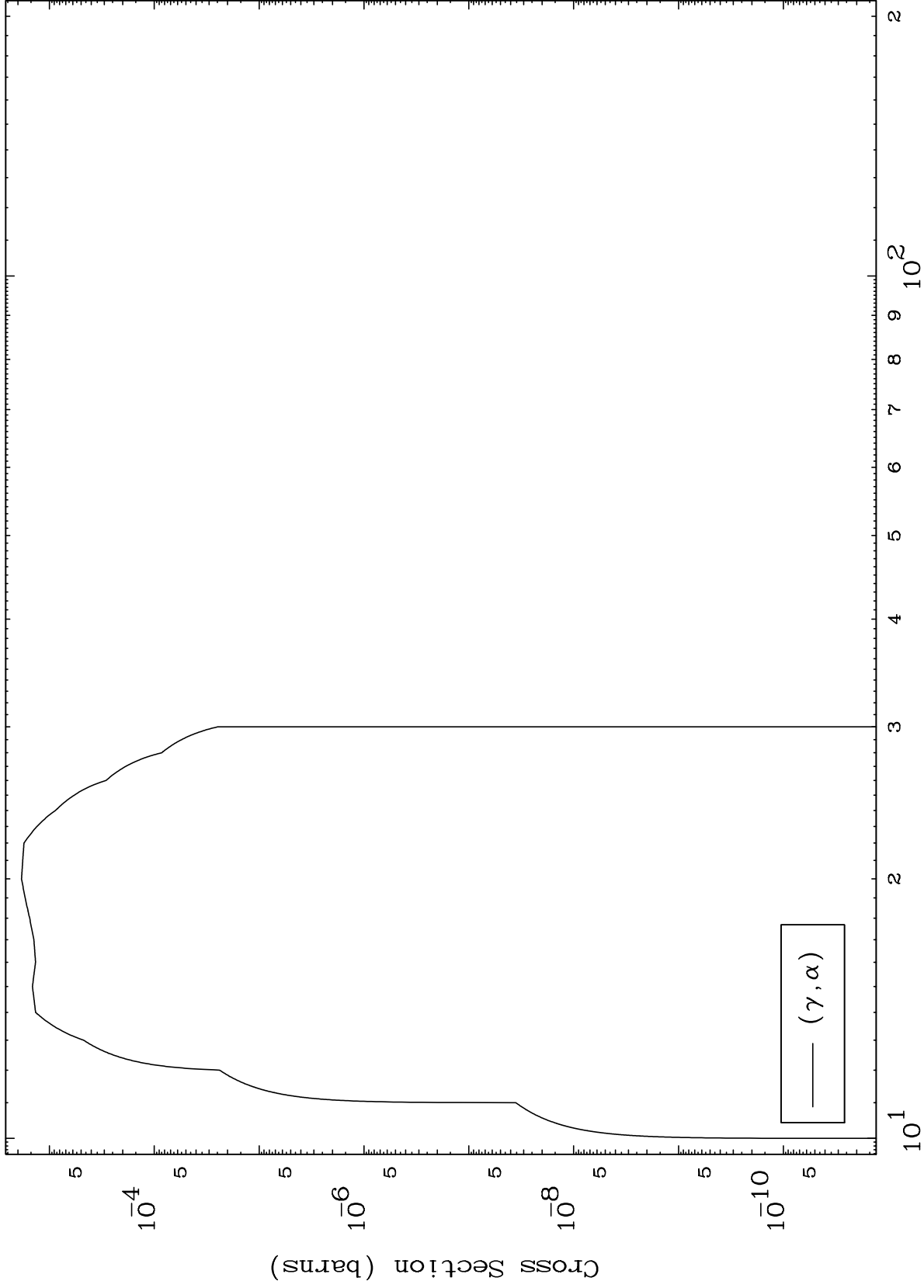
8

MAT 1422

(γ, α) Levels

14-Si-27

0 Kelvin Cross Sections



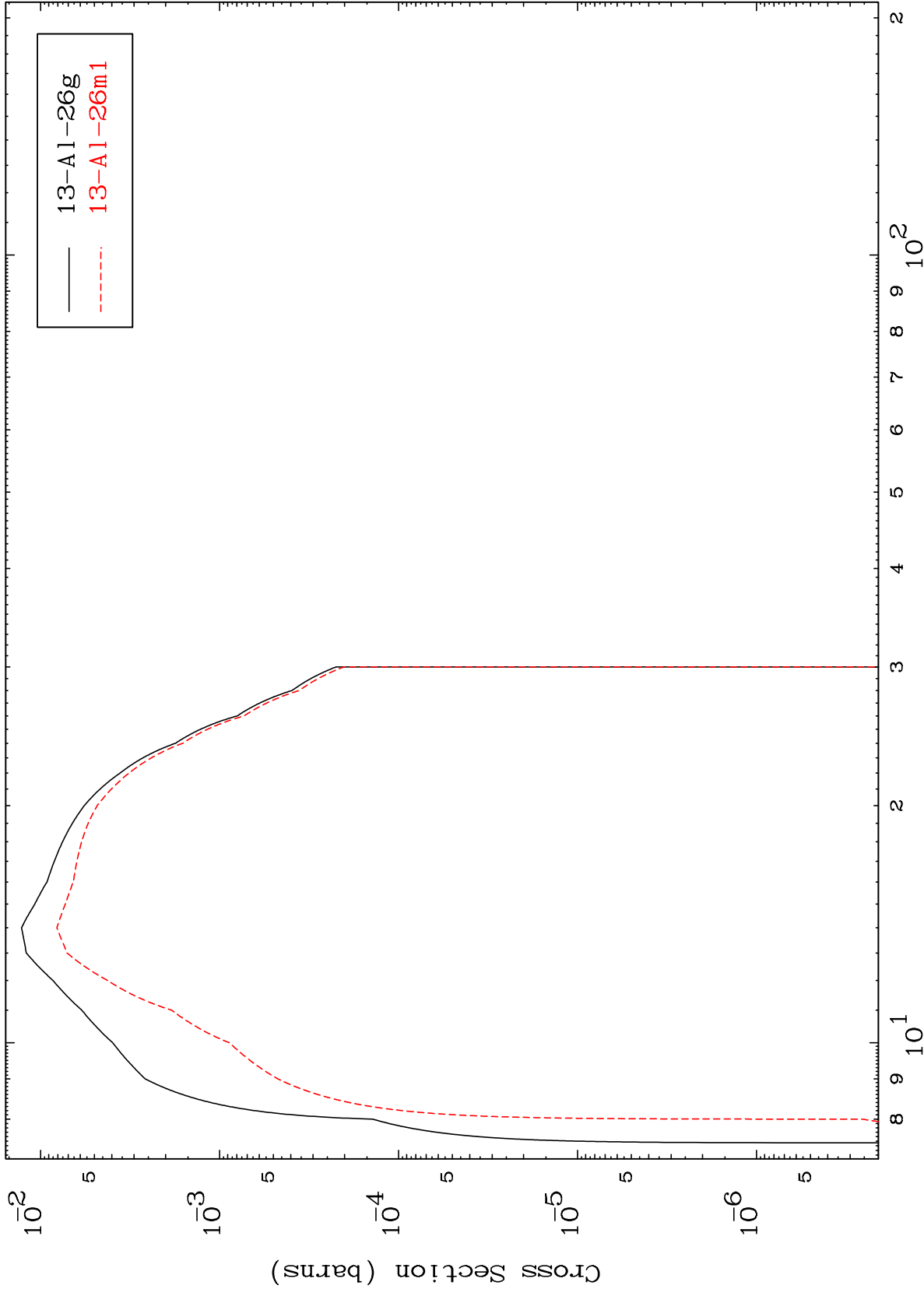
Incident Energy (MeV)

14-Si-27

MAT 1422

14-Si-27

(γ, p)
Radionuclide Production Cross Section



14-Si-27

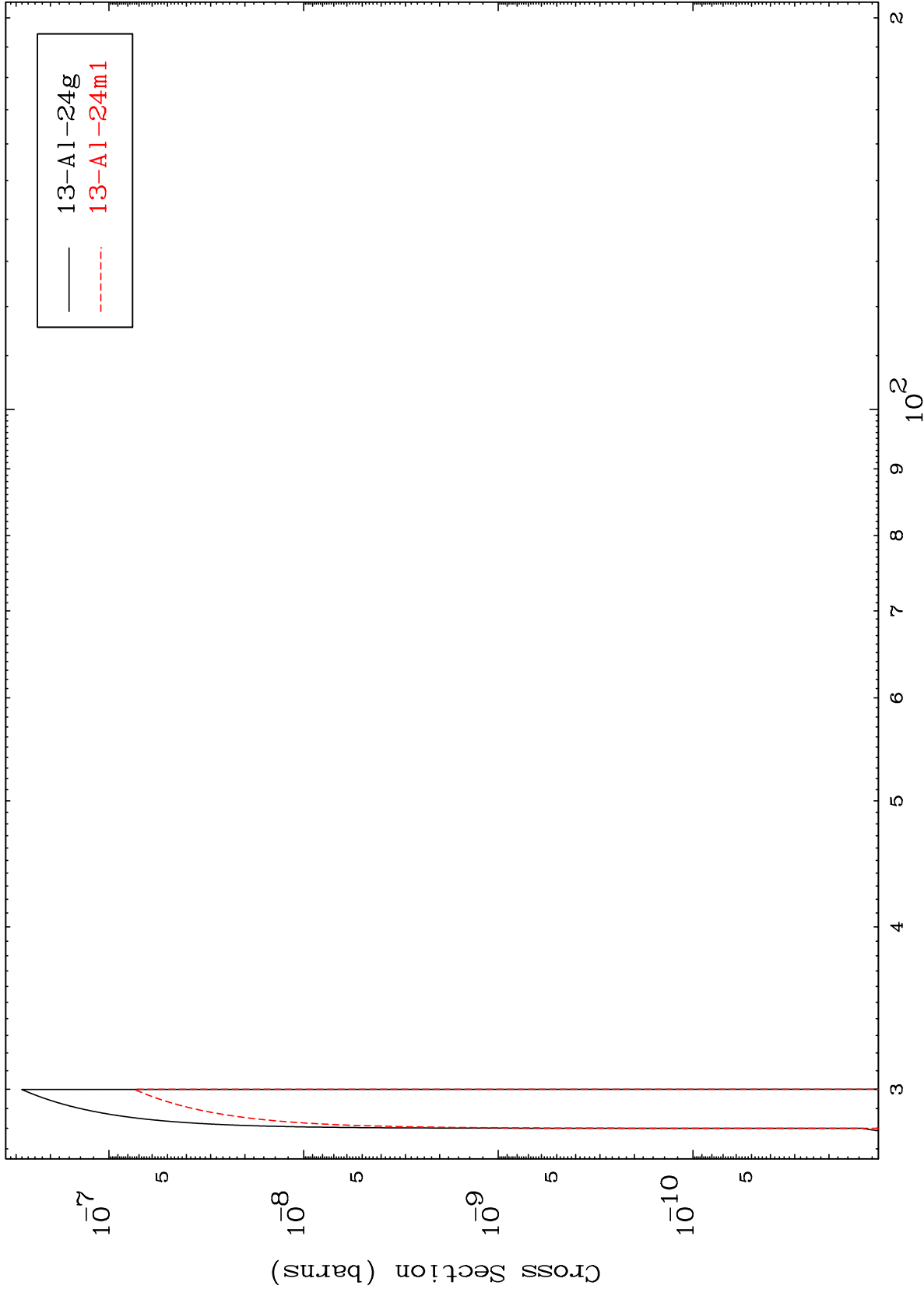
Incident Energy (MeV)

10

MAT 1422

14-Si-27

(γ, t)
Radionuclide Production Cross Section



14-Si-27

Incident Energy (MeV)

11