

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

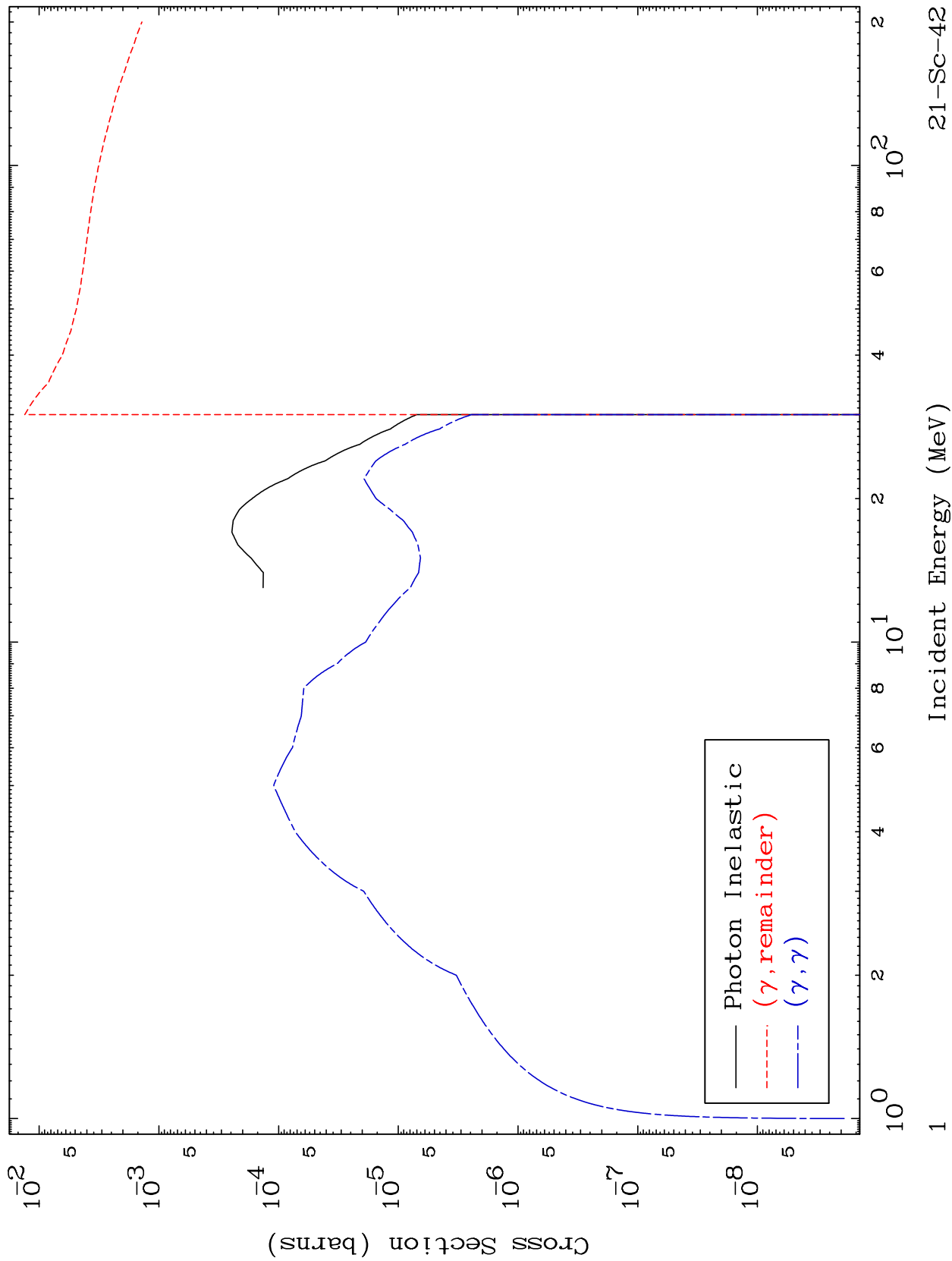
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2117

Photon Major
0 Kelvin Cross Sections

21-Sc-42



21-Sc-42

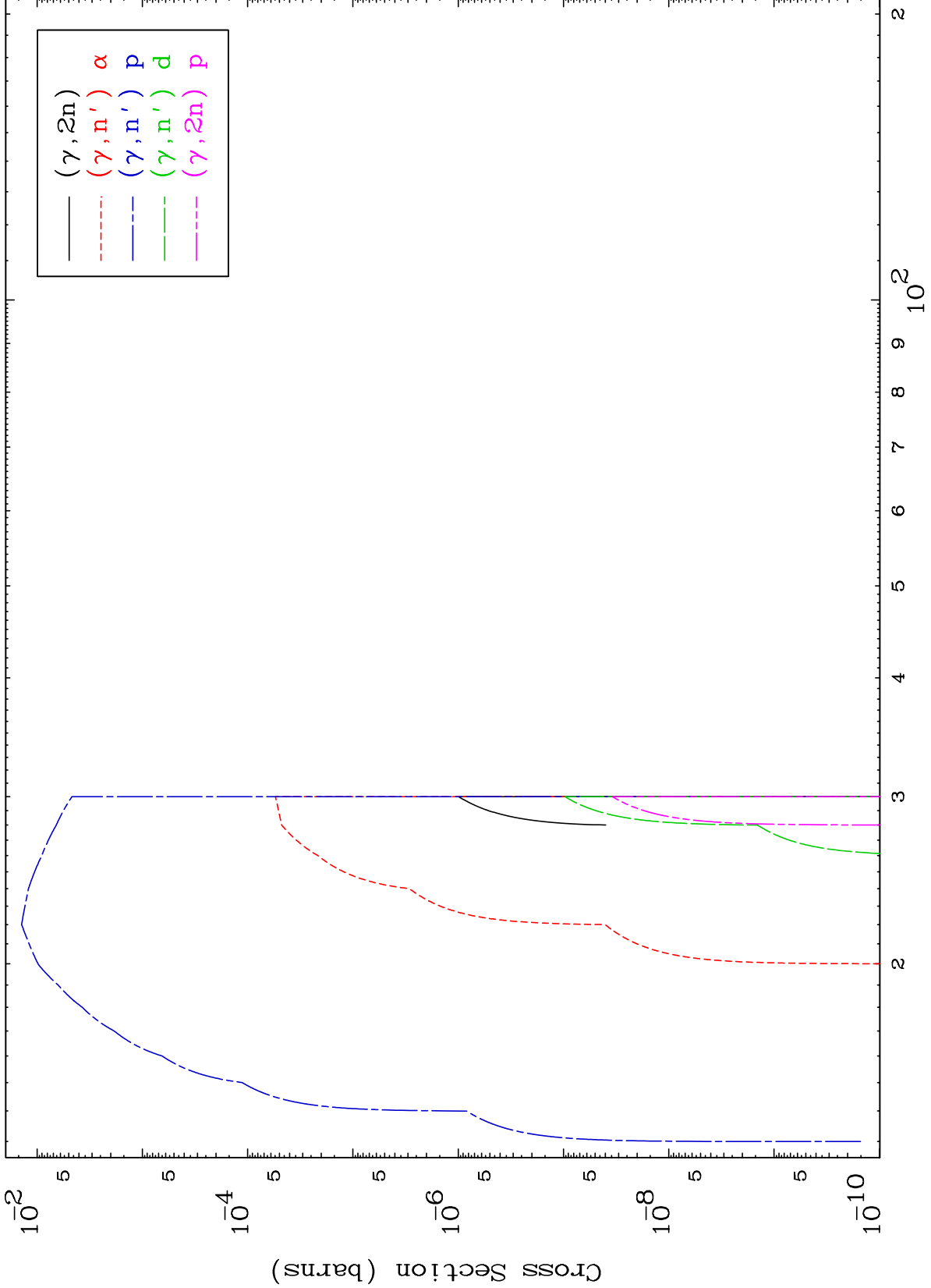
Incident Energy (MeV)

— Photon Inelastic
- - - (γ , remainder)
- . - (γ , γ)

MAT 2117

Photon Neutron Production
0 Kelvin Cross Sections

21-Sc-42



2

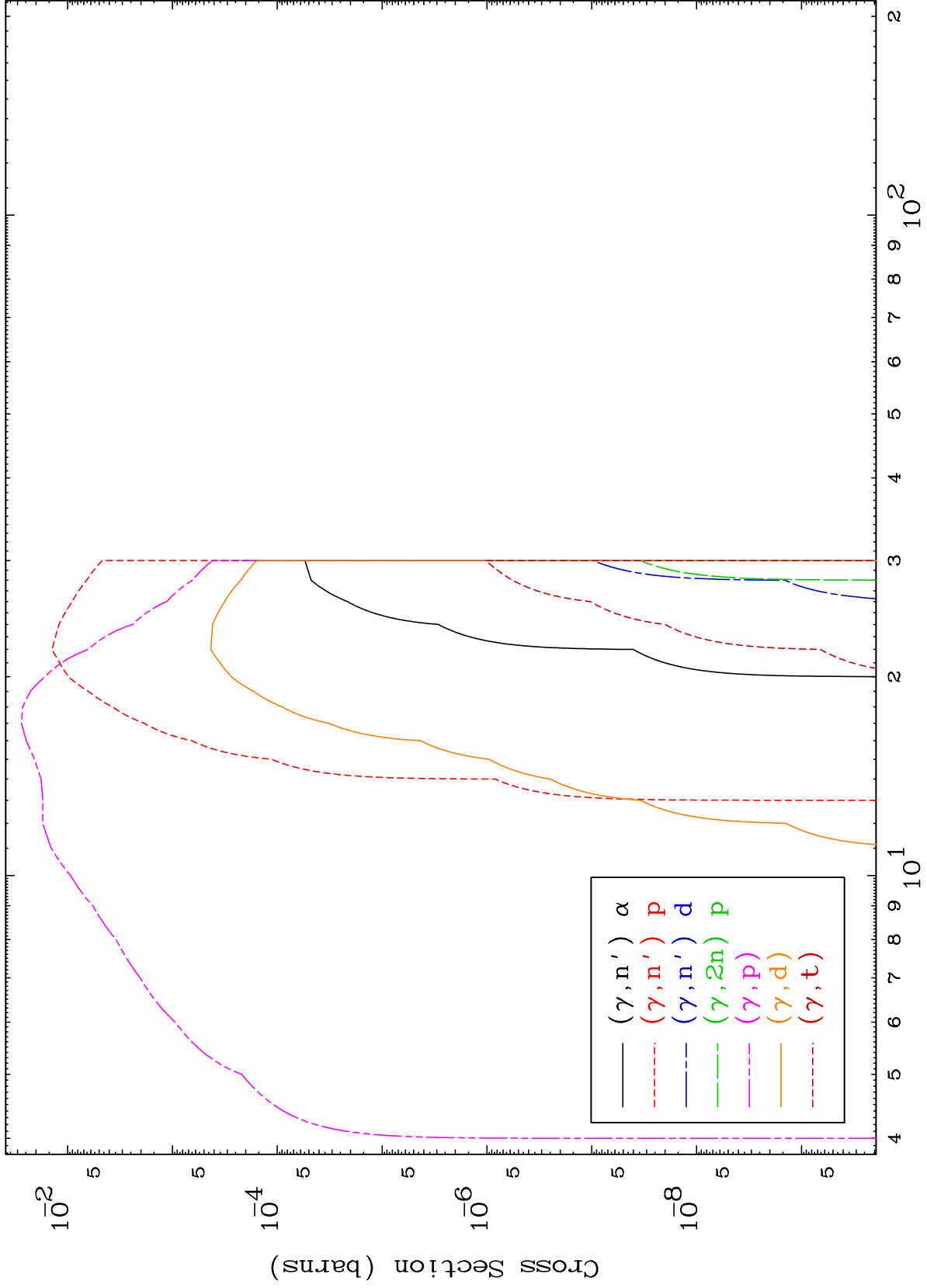
Incident Energy (MeV)

21-Sc-42

MAT 2117

Photon Charged Particle
0 Kelvin Cross Sections

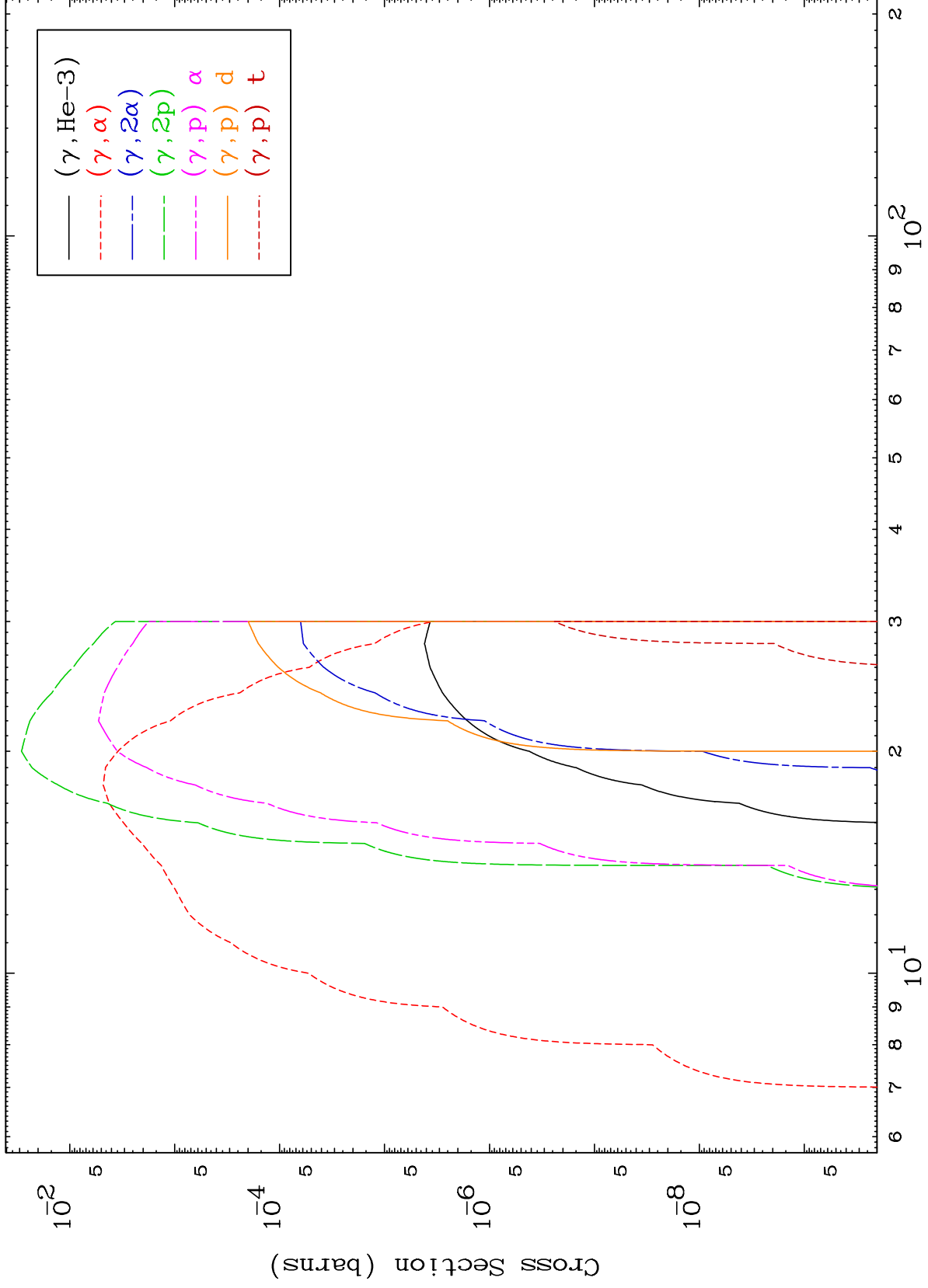
21-Sc-42



3

Incident Energy (MeV)

21-Sc-42

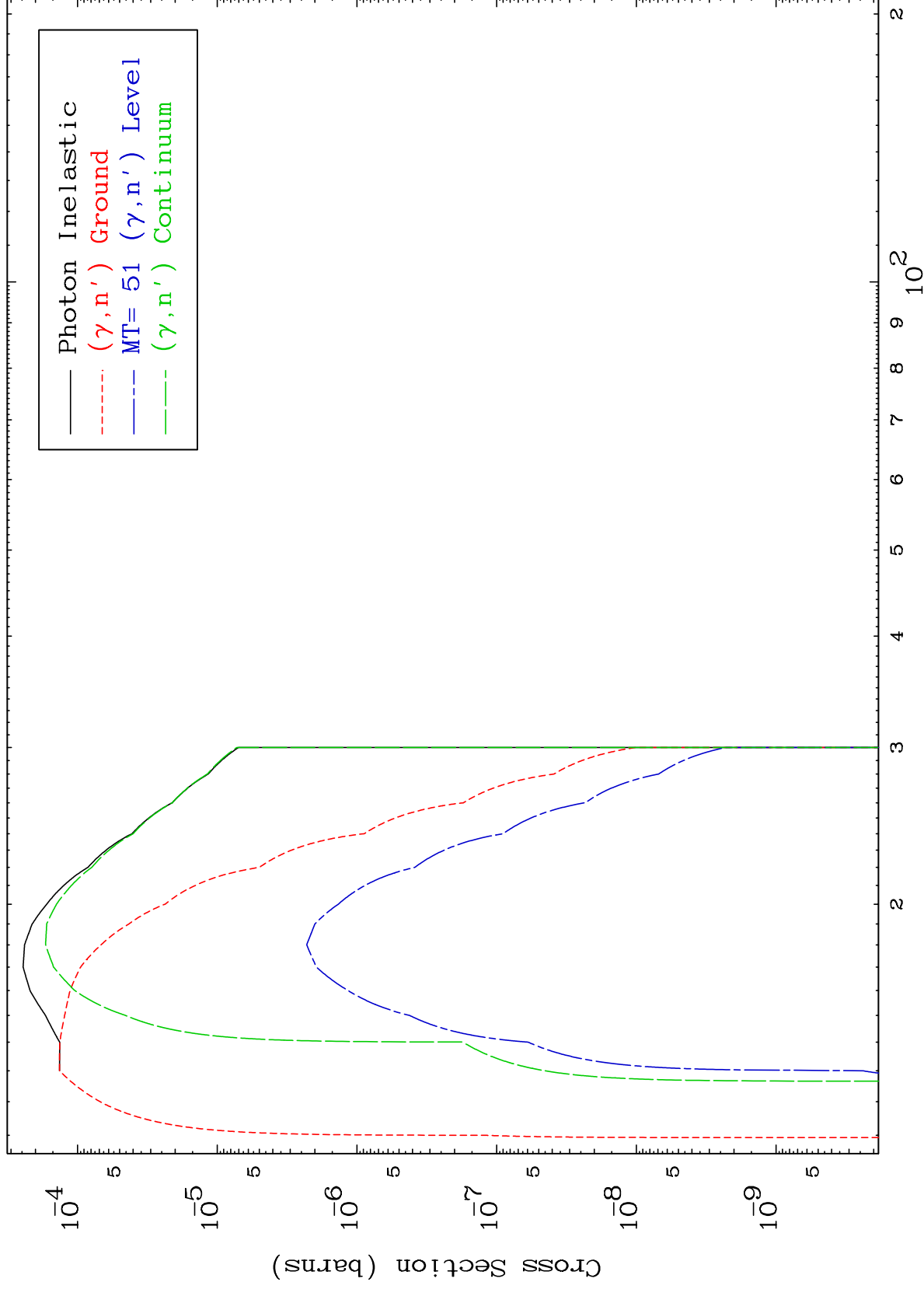


MAT 2117

(γ, n') Level

21-Sc-42

0 Kelvin Cross Sections



Incident Energy (MeV)

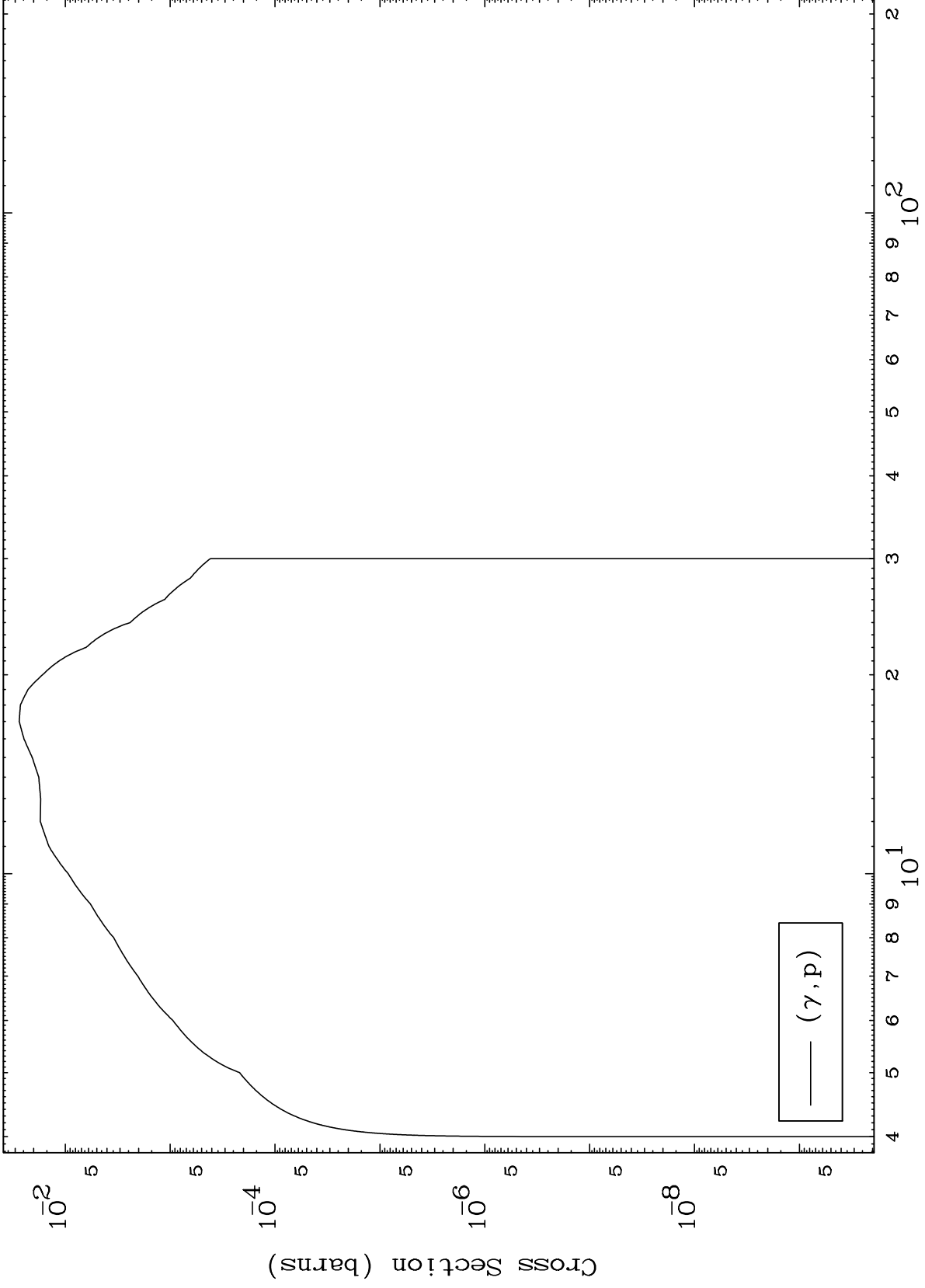
21-Sc-42

5

MAT 2117

21-Sc-42

(γ, p) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

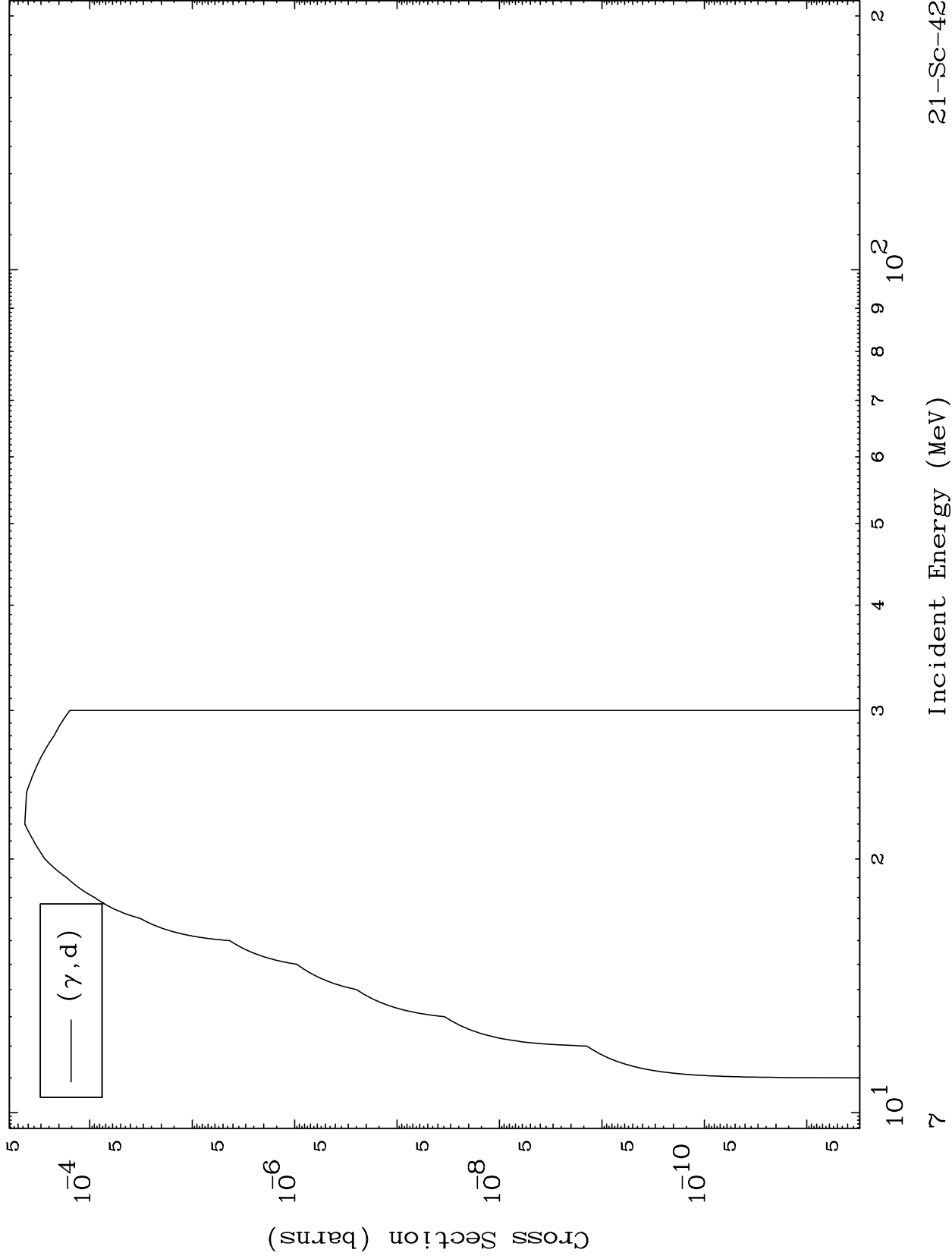
21-Sc-42

6

MAT 2117

(γ, d) Levels
0 Kelvin Cross Sections

21-Sc-42



21-Sc-42

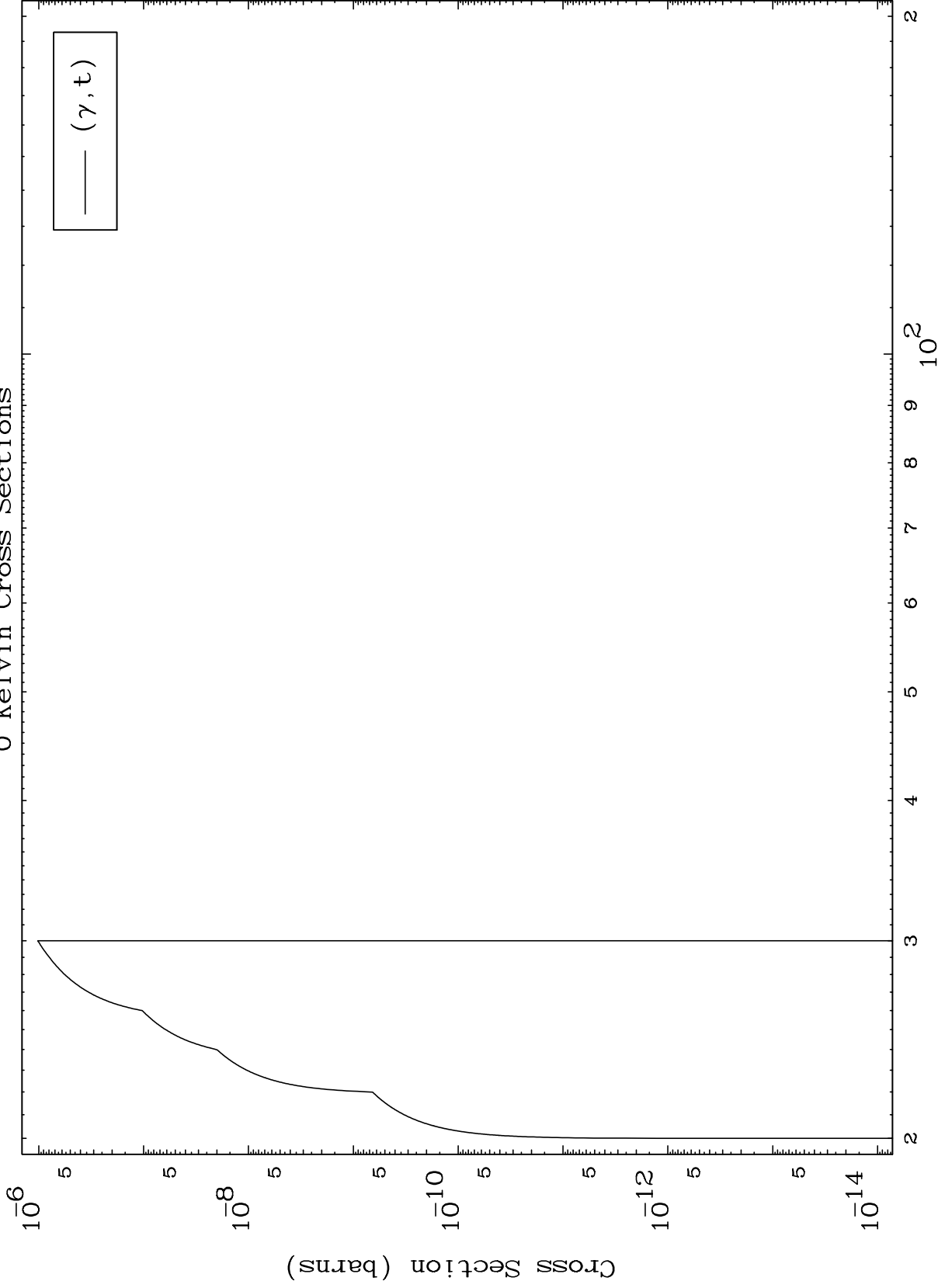
Incident Energy (MeV)

MAT 2117

(γ, t) Levels

21-Sc-42

0 Kelvin Cross Sections



8

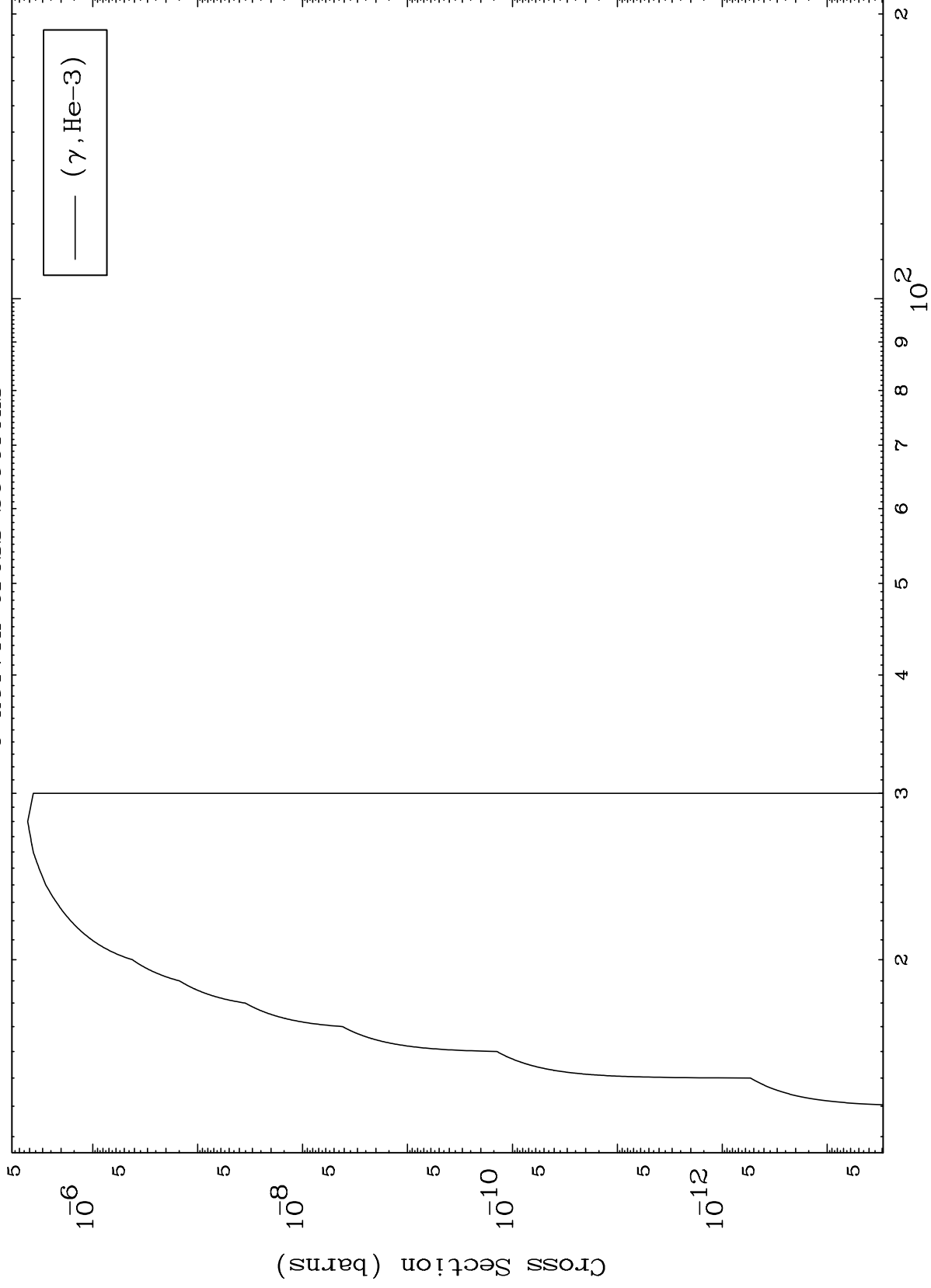
Incident Energy (MeV)

21-Sc-42

MAT 2117

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

21-Sc-42



9

Incident Energy (MeV)

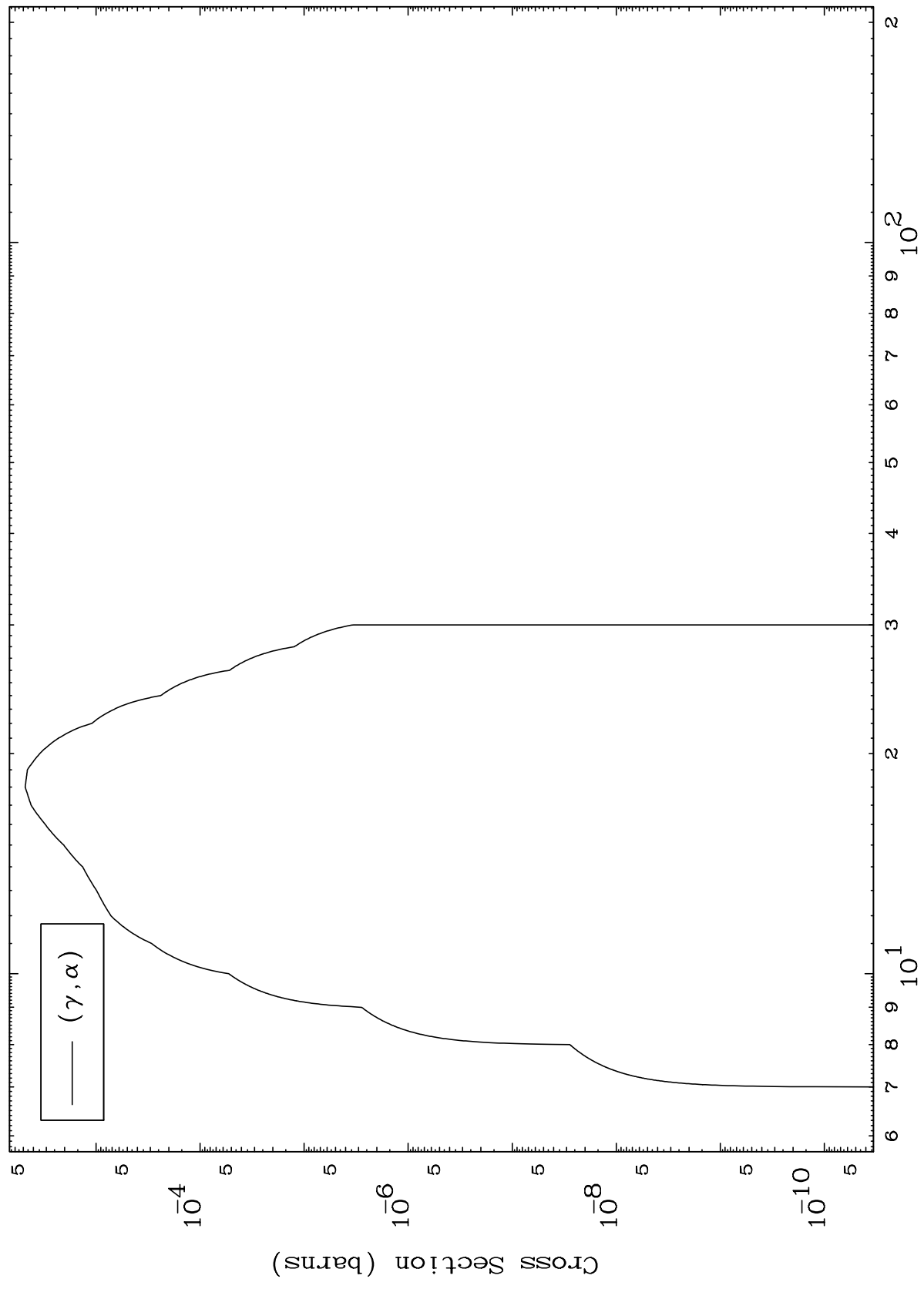
21-Sc-42

MAT 2117

(γ, α) Levels

21-Sc-42

0 Kelvin Cross Sections



10

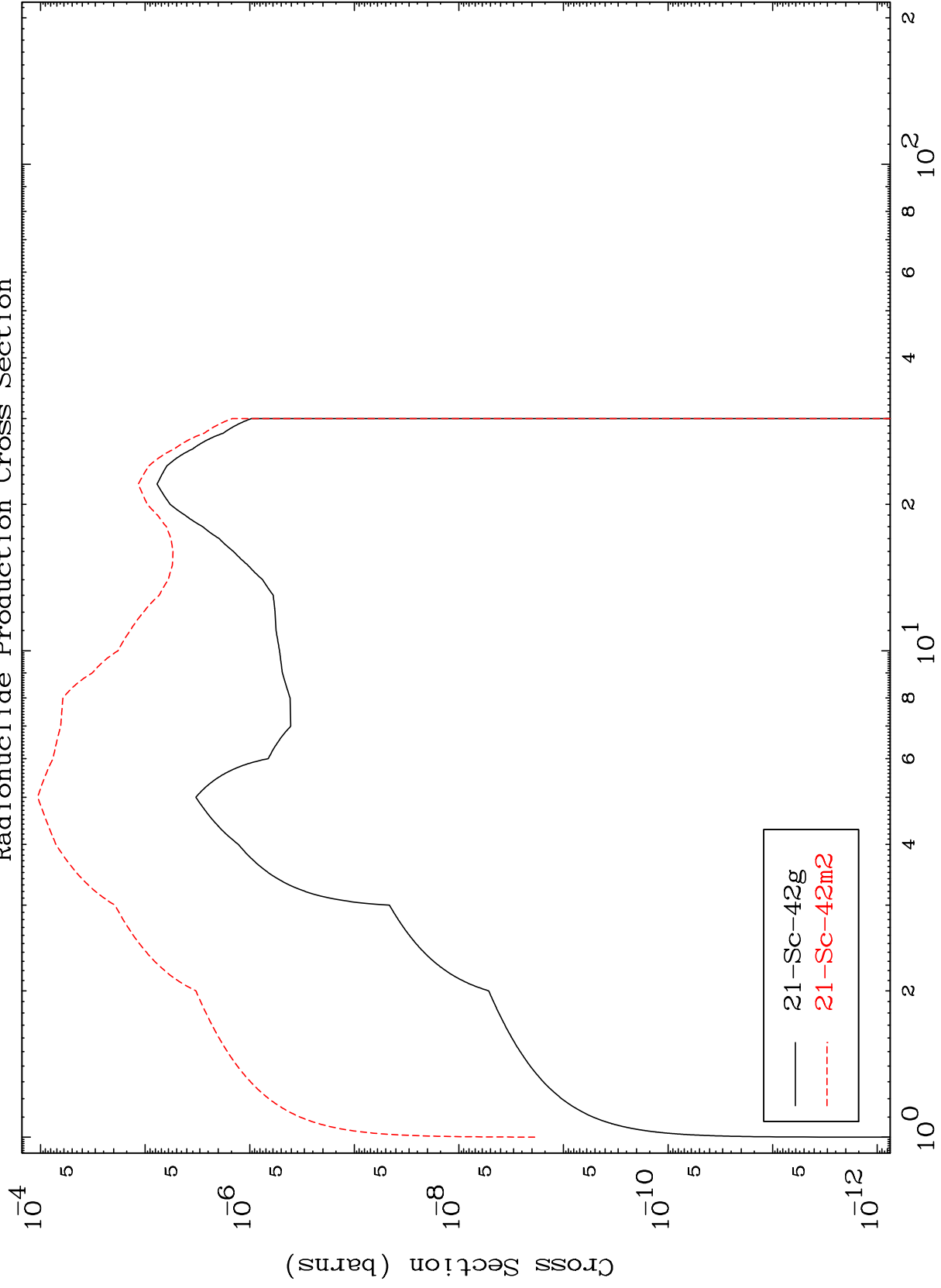
Incident Energy (MeV)

21-Sc-42

MAT 2117

21-Sc-42

(γ, γ)
Radionuclide Production Cross Section



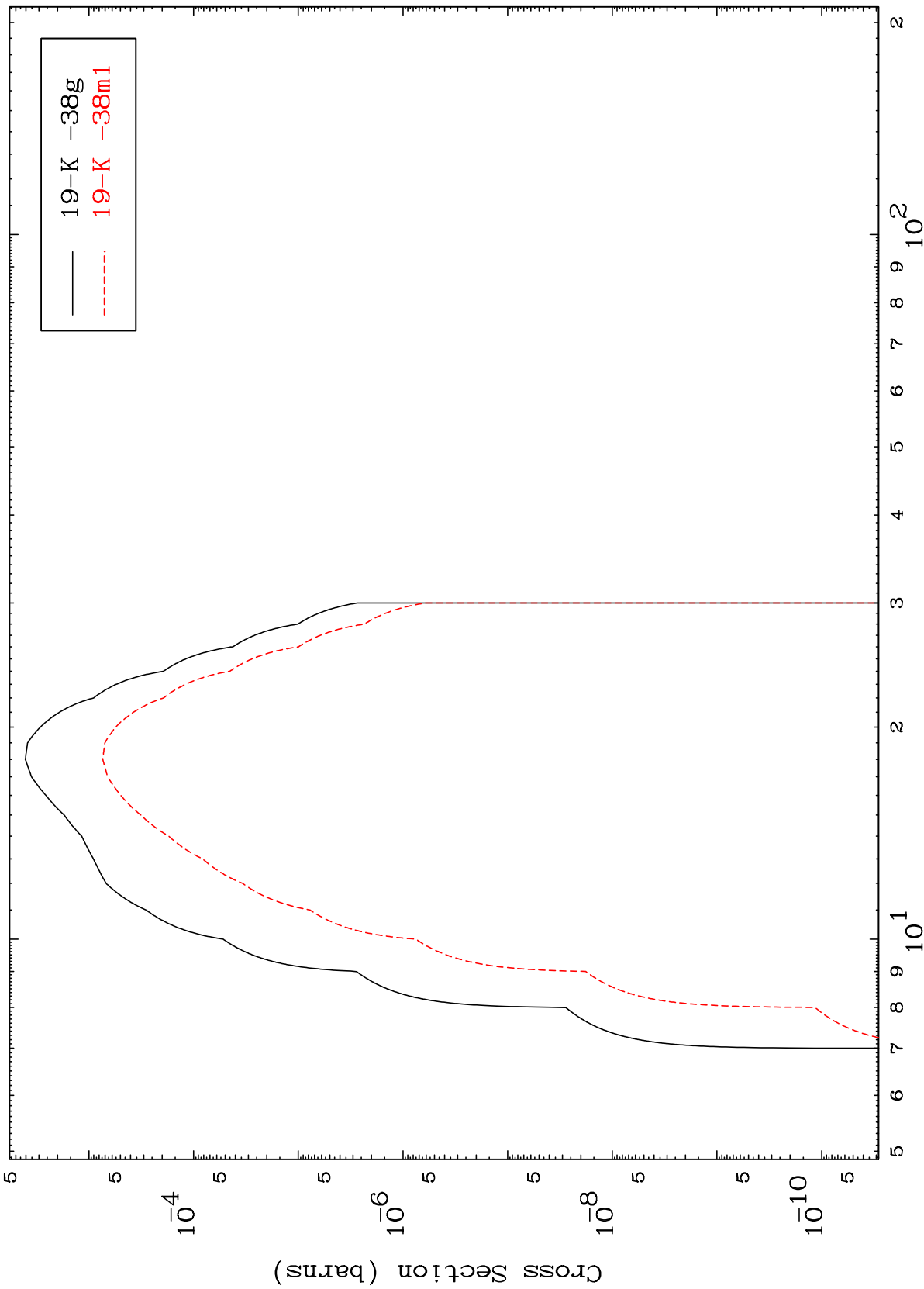
11

21-Sc-42

MAT 2117

21-Sc-42

(γ, α)
Radionuclide Production Cross Section



21-Sc-42

Incident Energy (MeV)

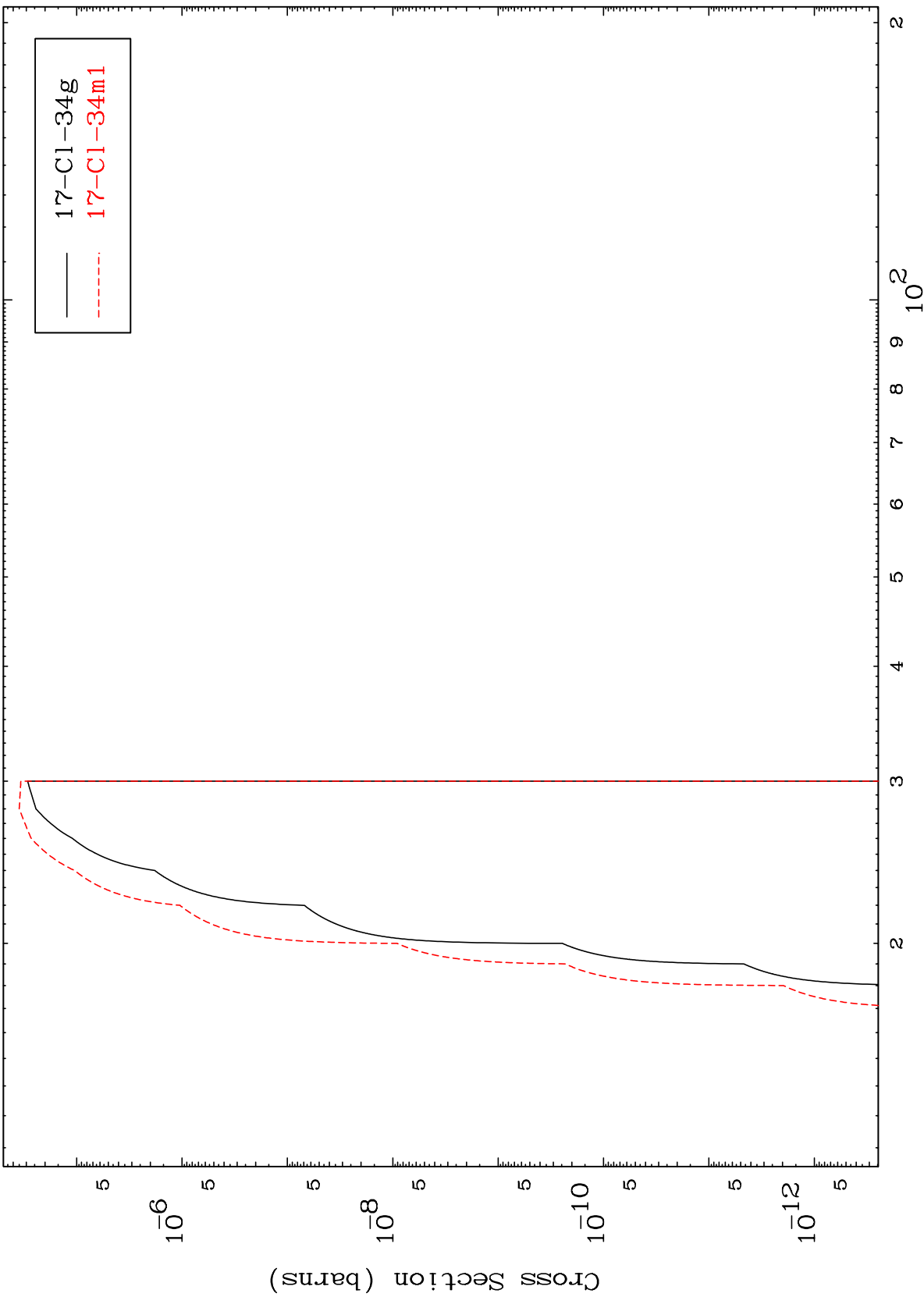
12

MAT 2117

21-Sc-42

($\gamma, 2\alpha$)

Radionuclide Production Cross Section



13

Incident Energy (MeV)

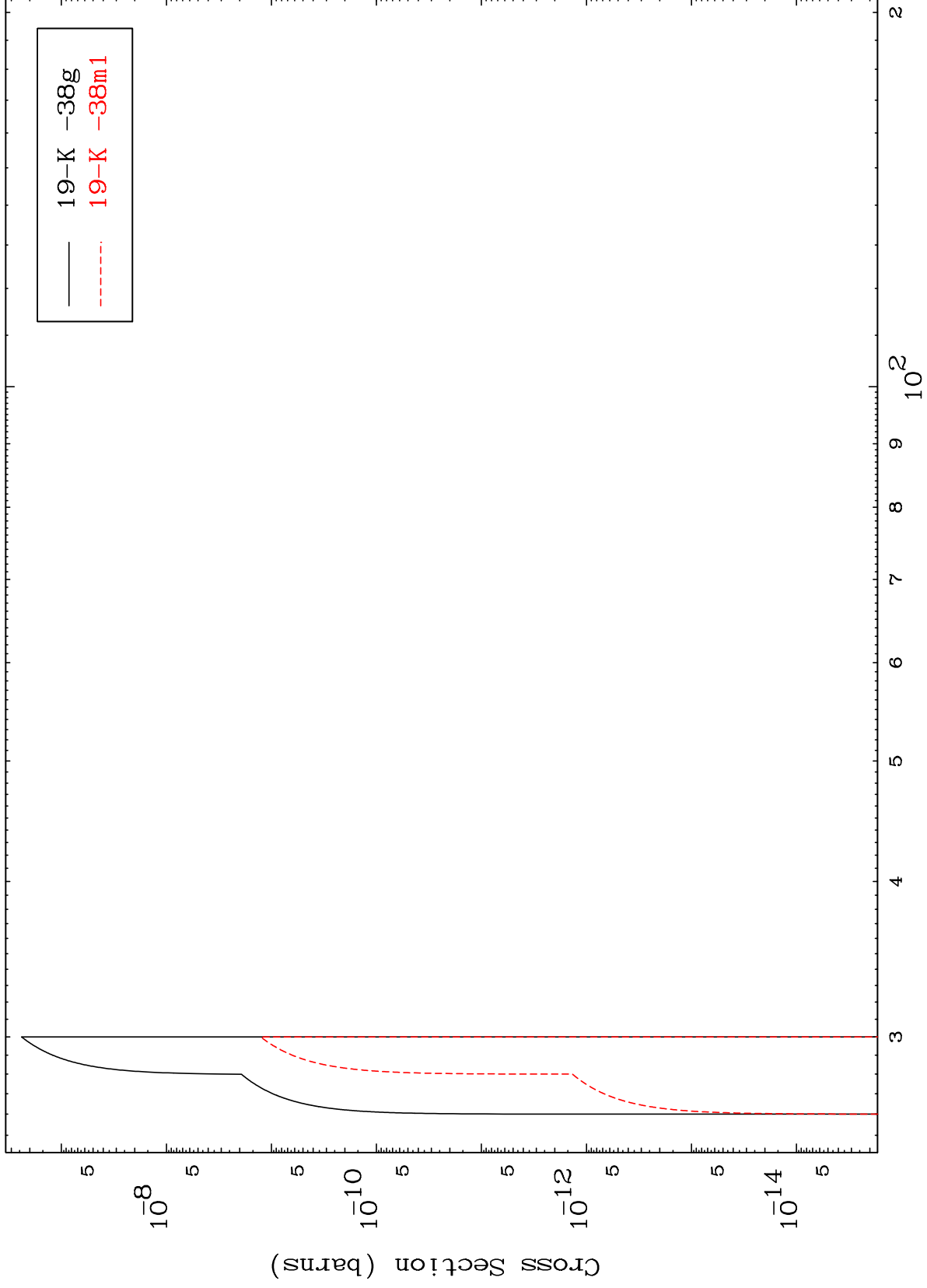
21-Sc-42

MAT 2117

(γ,p) t

21-Sc-42

Radionuclide Production Cross Section



14

Incident Energy (MeV)

21-Sc-42