

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

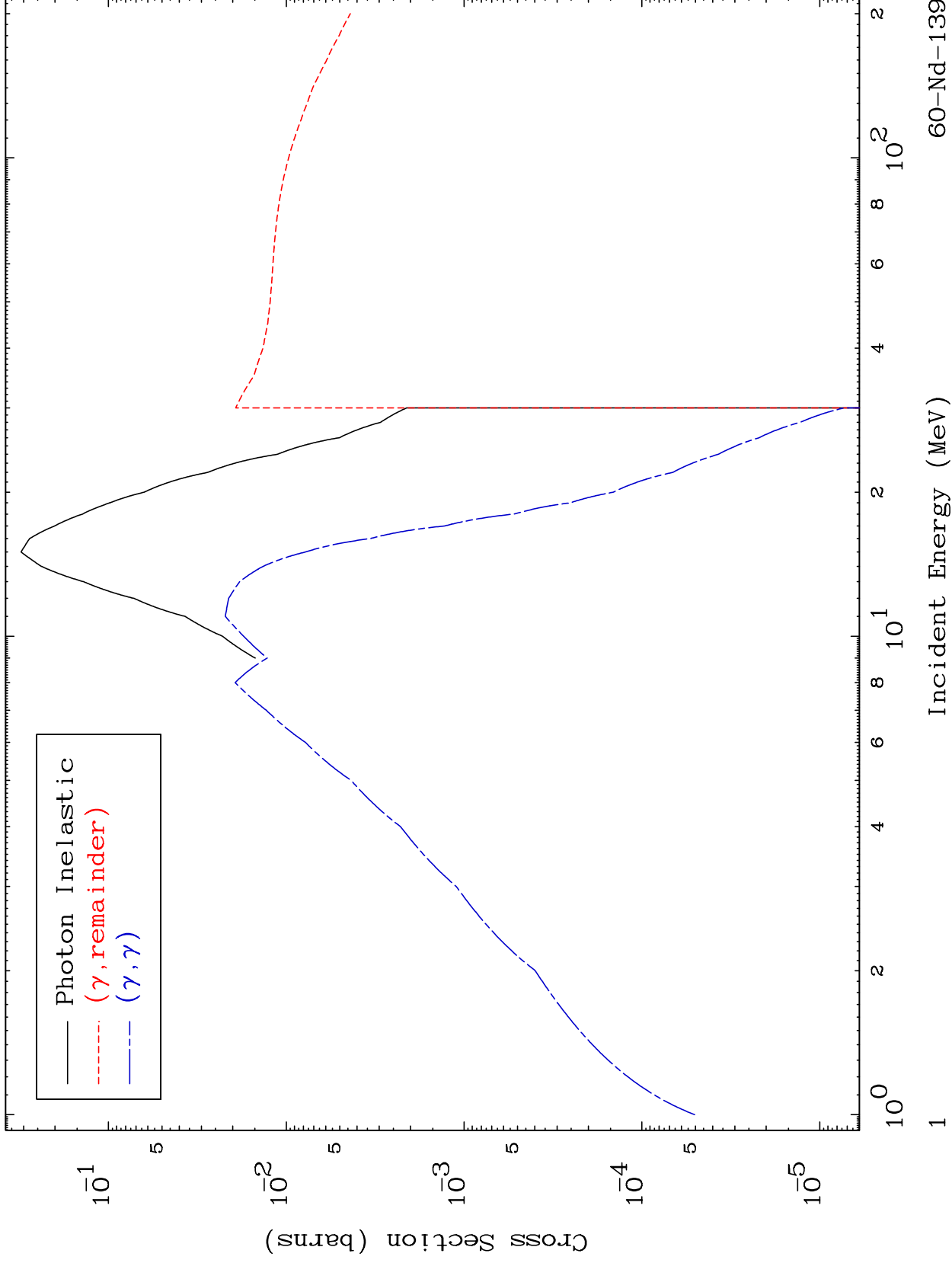
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6016

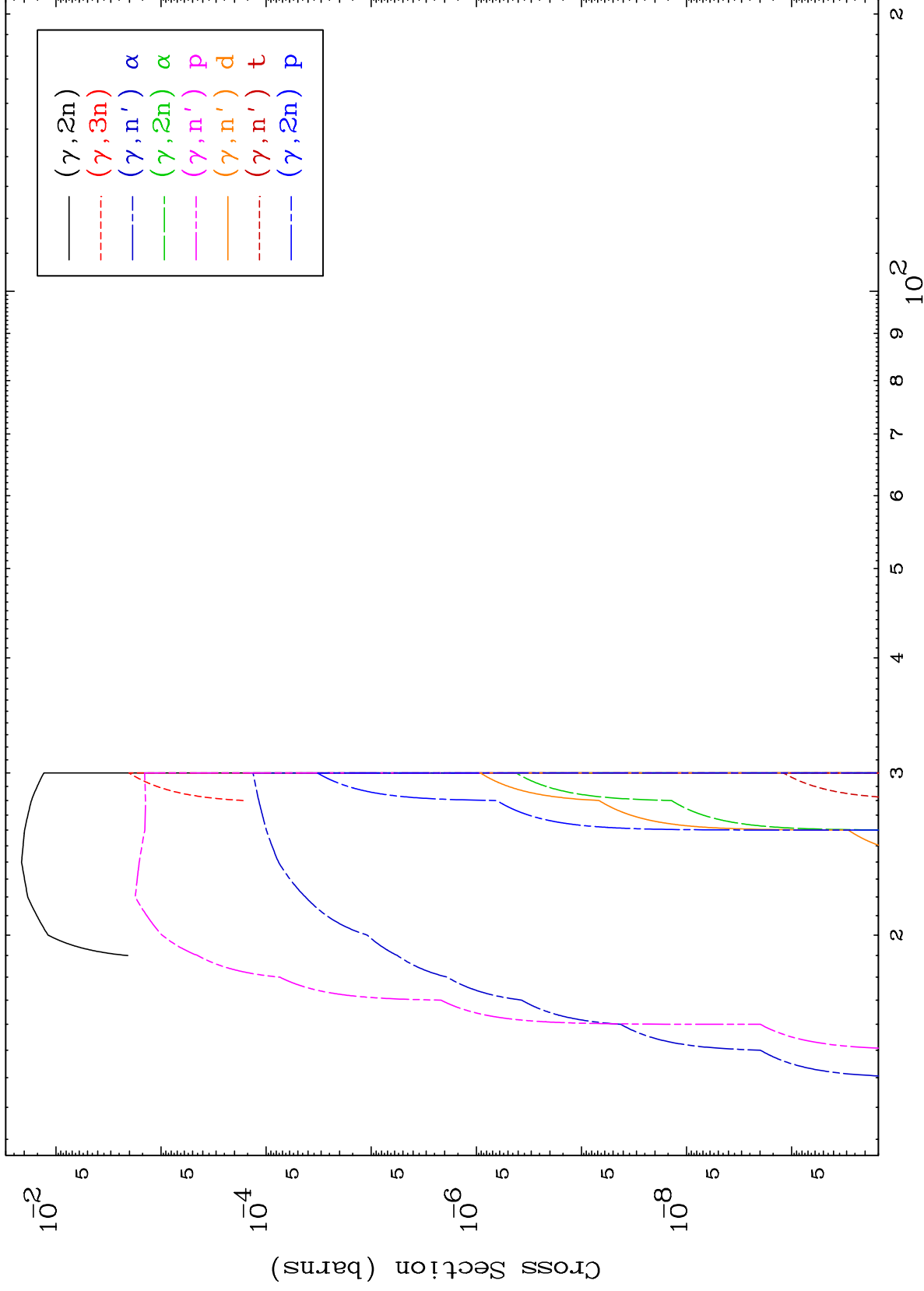
Photon Major
0 Kelvin Cross Sections

60-Nd-139



60-Nd-139

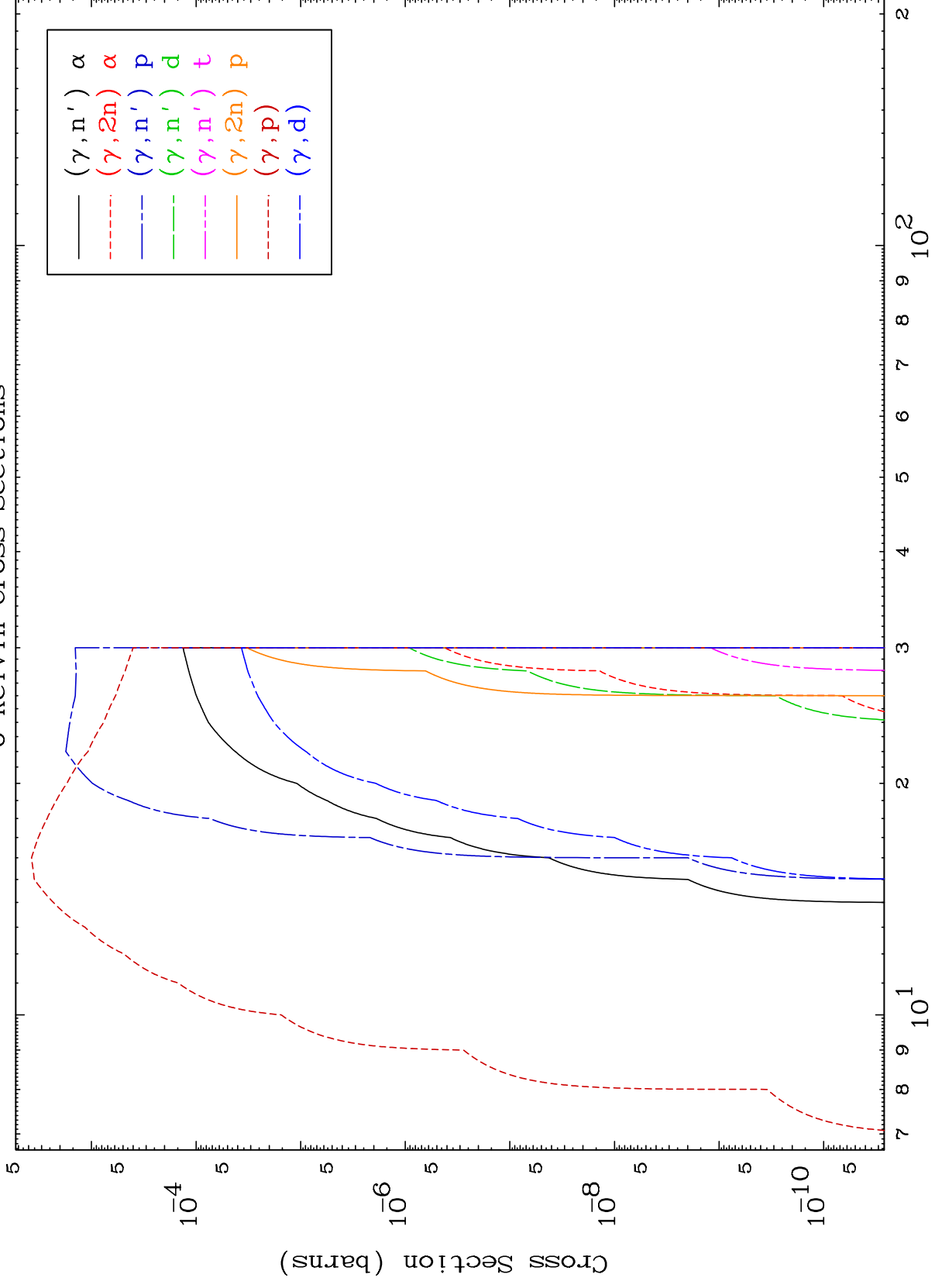
Incident Energy (MeV)



MAT 6016

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-139



60-Nd-139

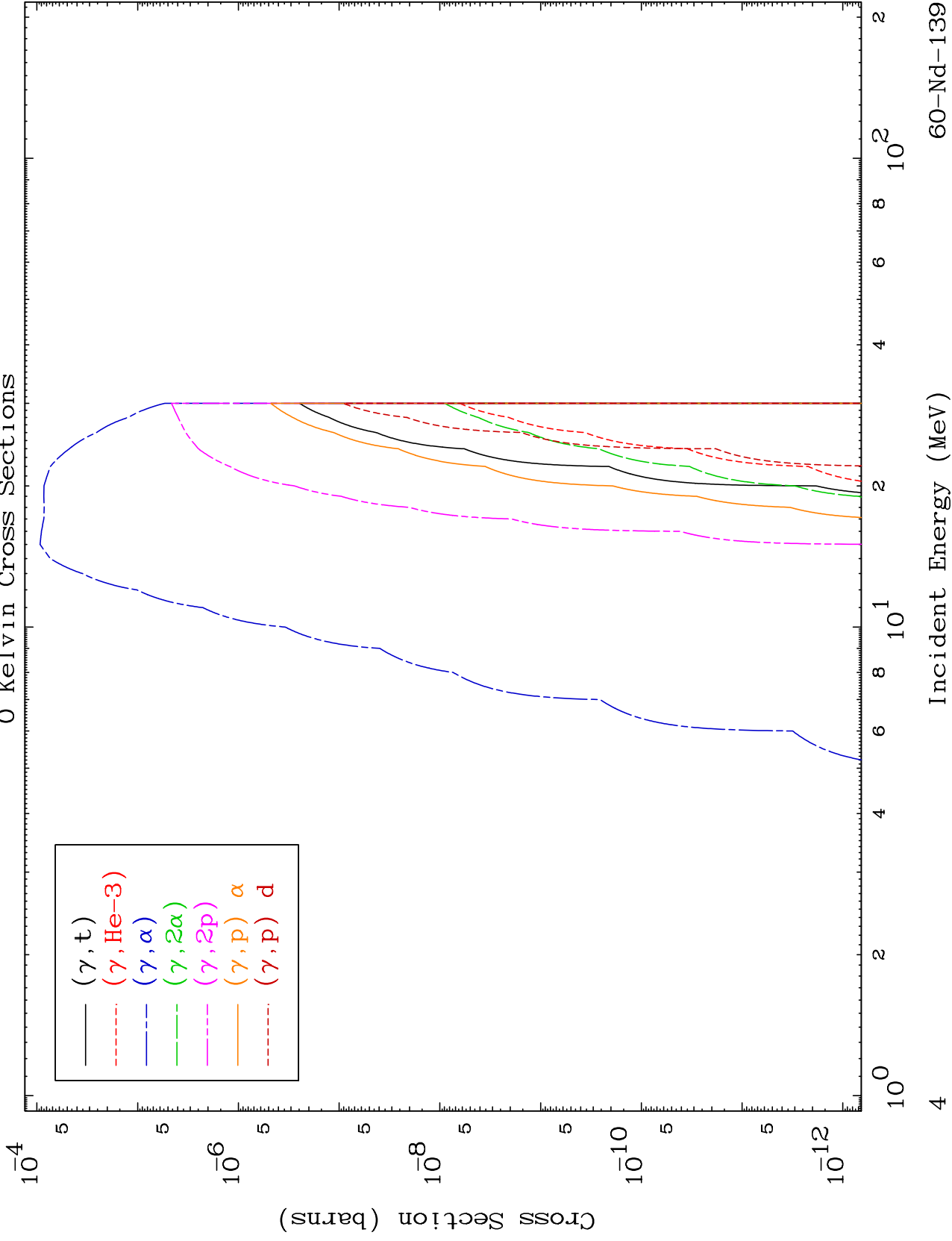
Incident Energy (MeV)

3

MAT 6016

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-139



60-Nd-139

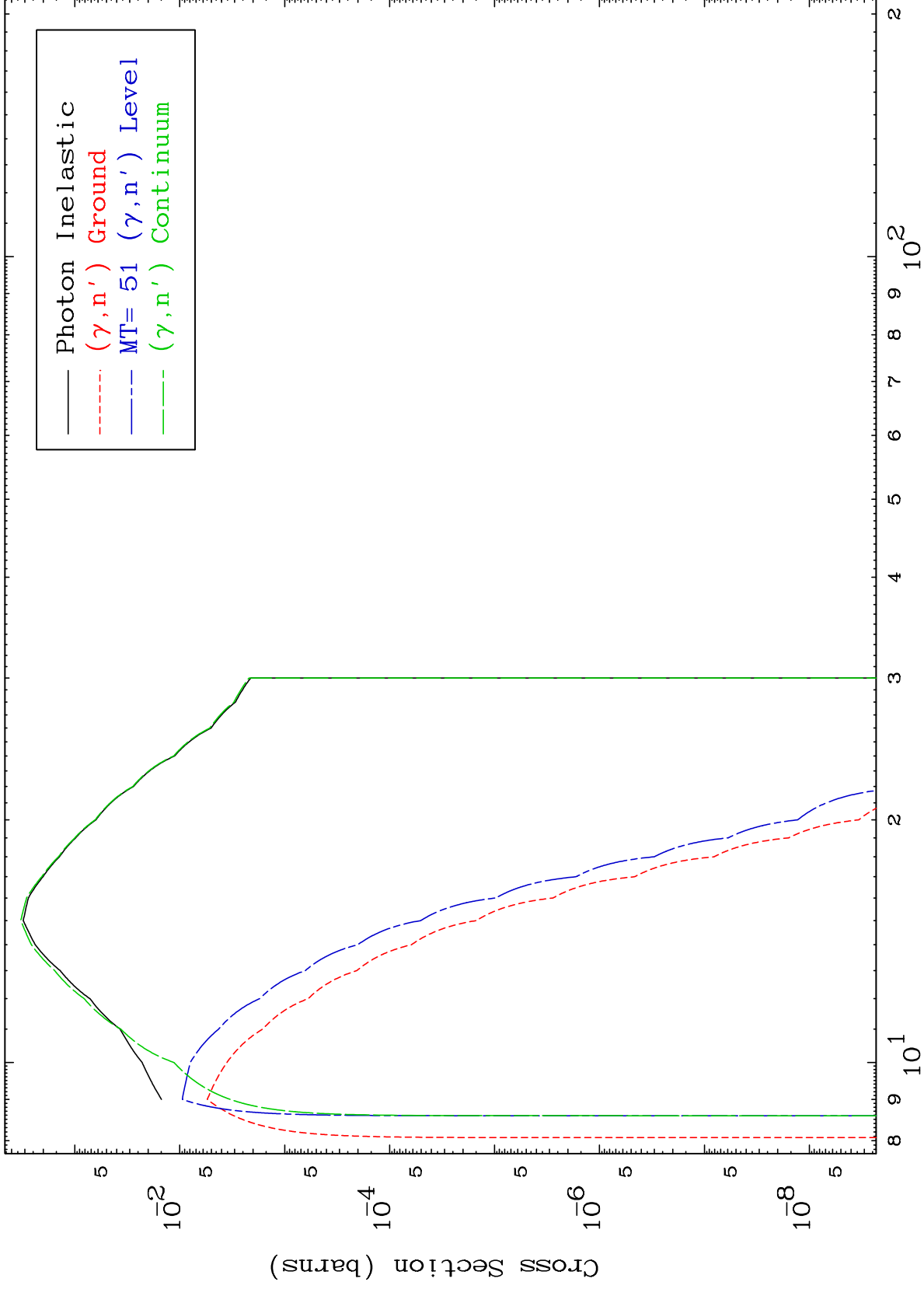
Incident Energy (MeV)

MAT 6016

(γ, n') Level

60-Nd-139

0 Kelvin Cross Sections



5

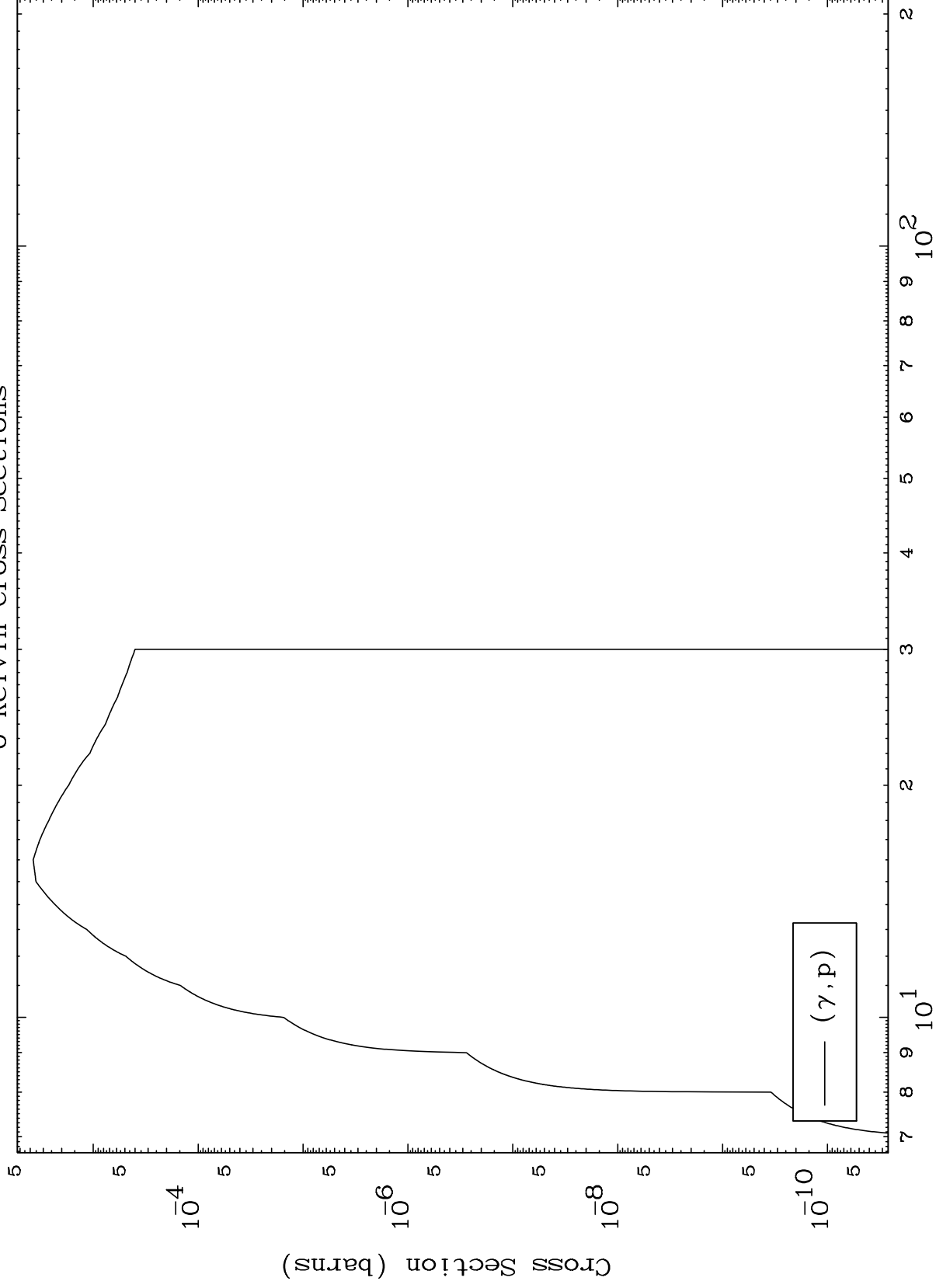
Incident Energy (MeV)

60-Nd-139

MAT 6016

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-139



6

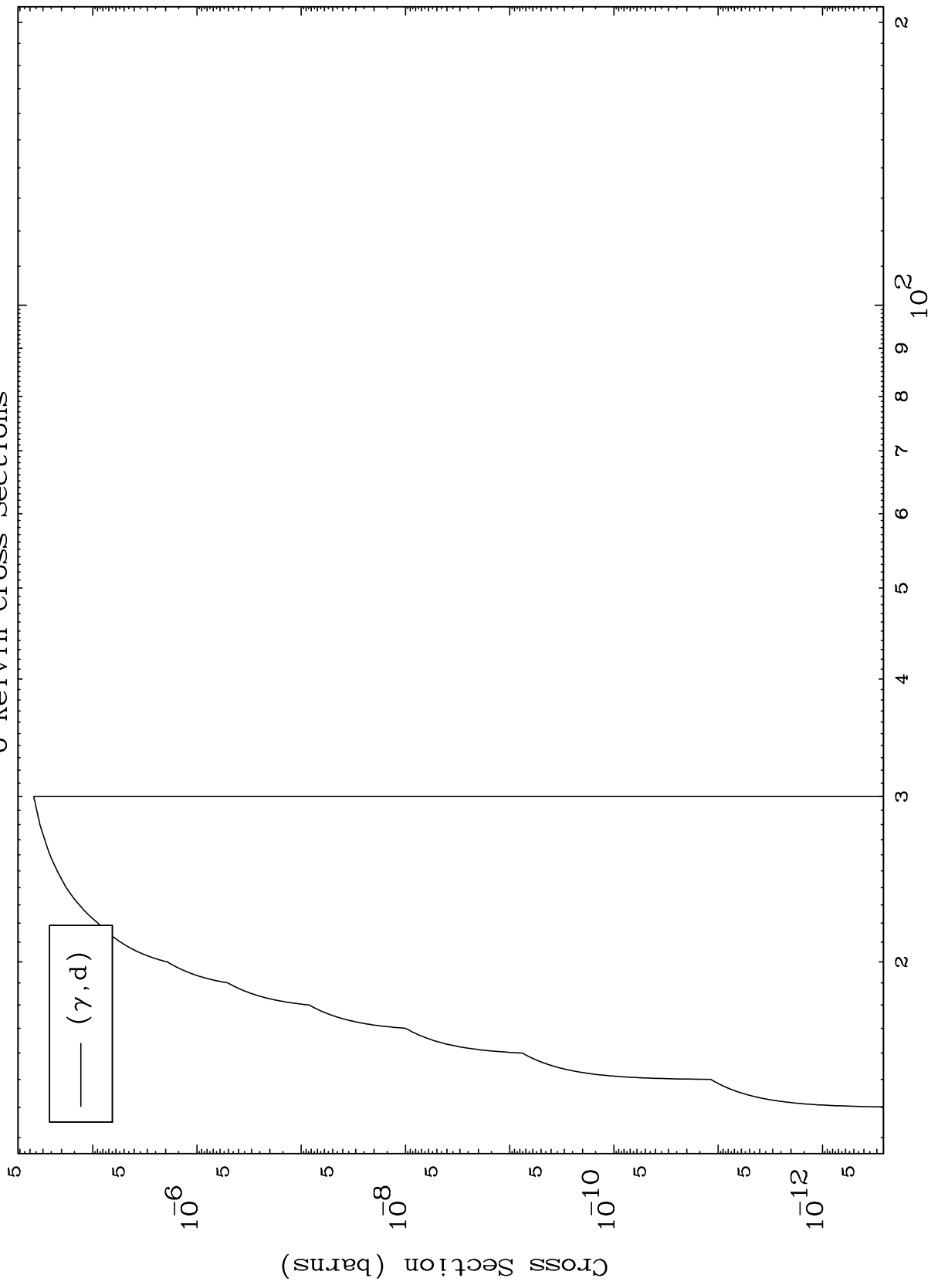
Incident Energy (MeV)

60-Nd-139

MAT 6016

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-139



7

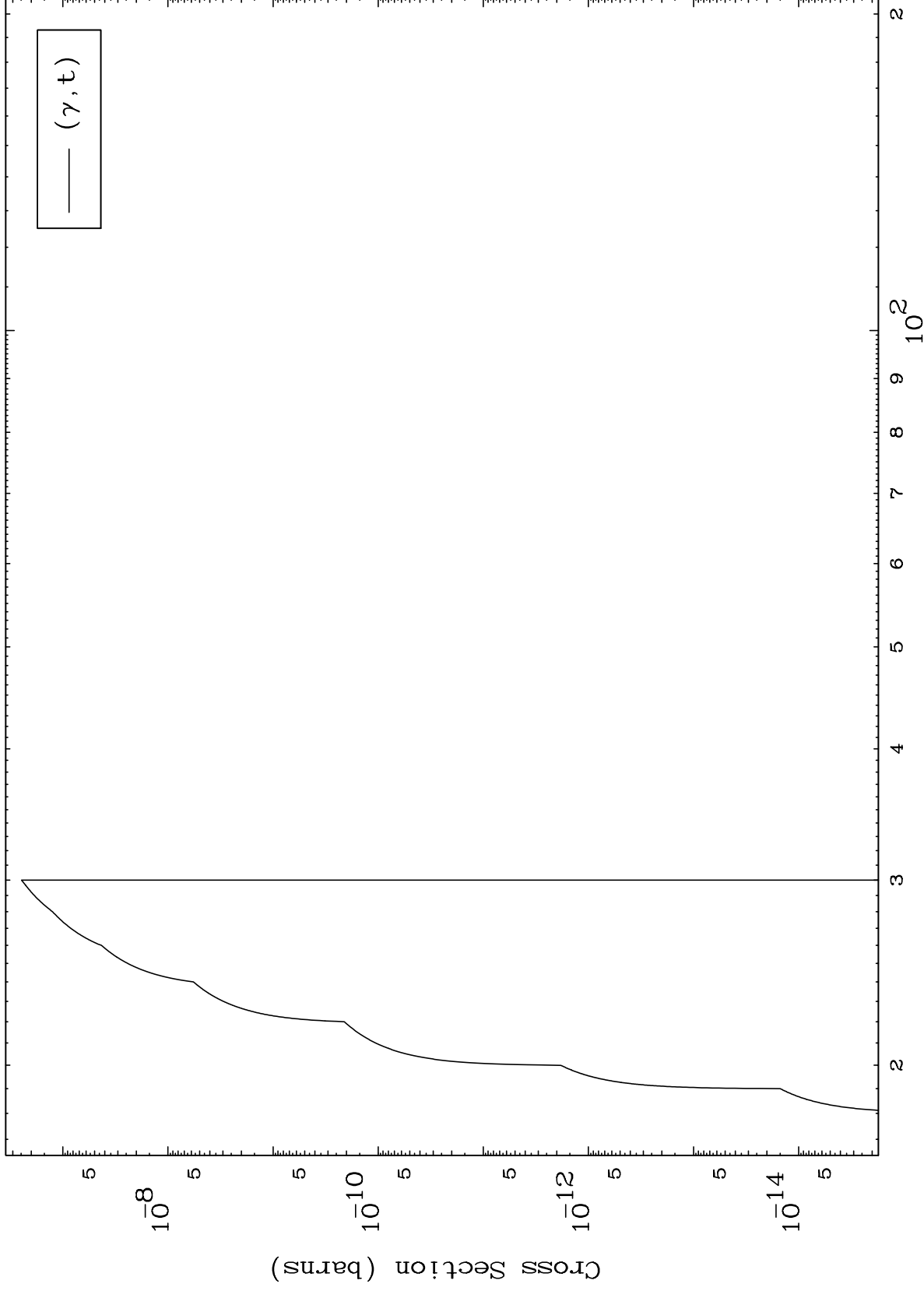
Incident Energy (MeV)

60-Nd-139

MAT 6016

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-139

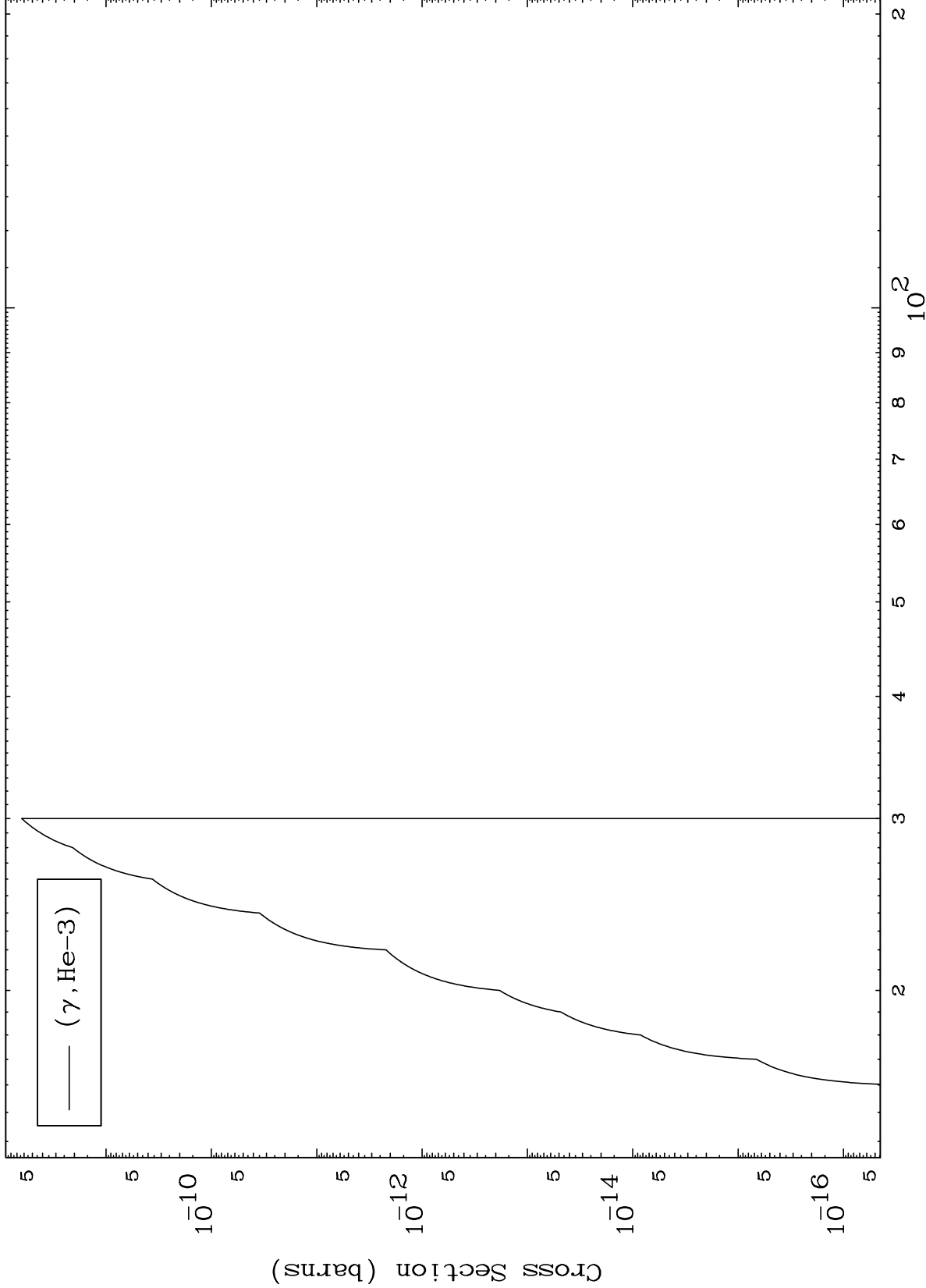


8

Incident Energy (MeV)

60-Nd-139

0 Kelvin Cross Sections

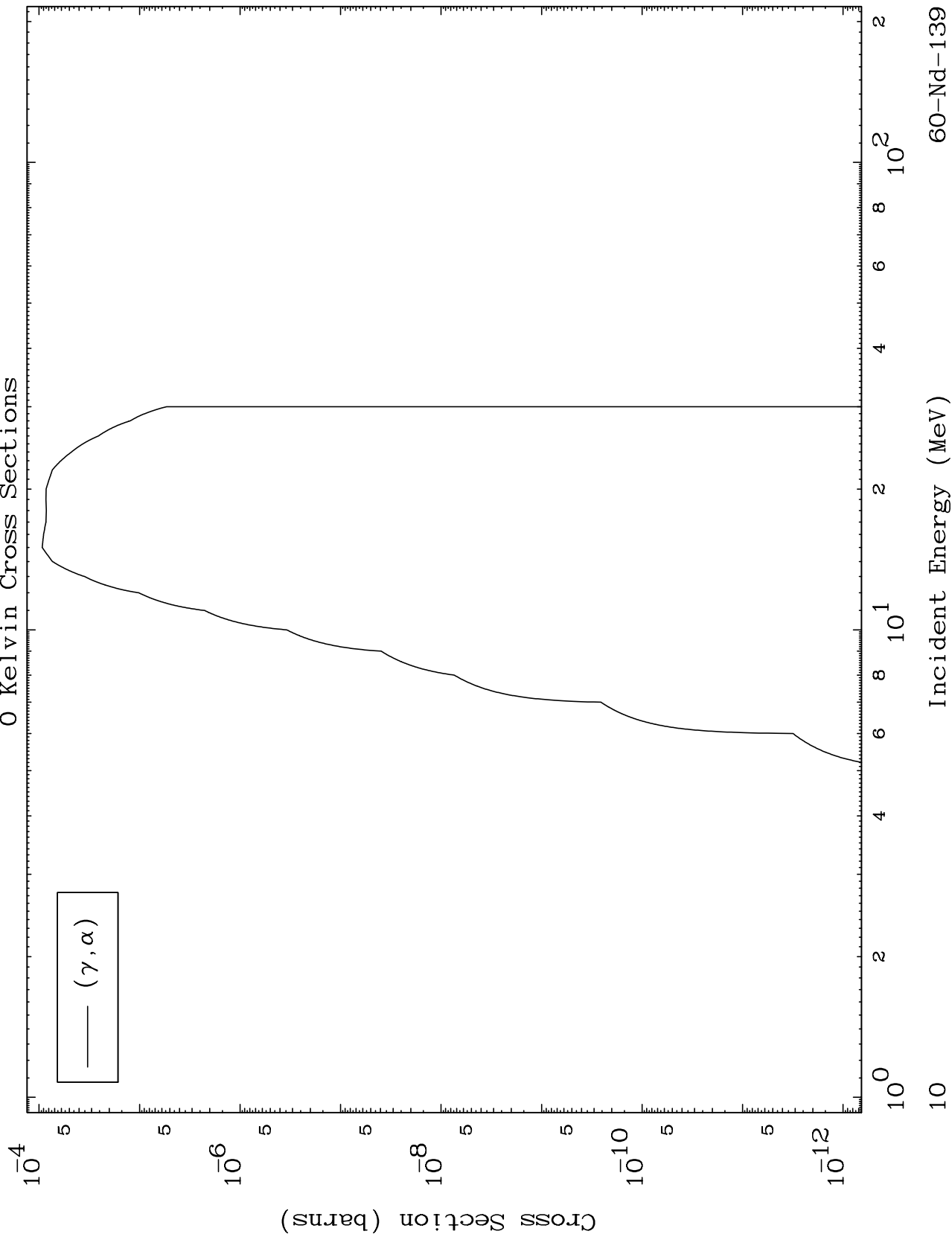


MAT 6016

(γ, α) Levels

60-Nd-139

0 Kelvin Cross Sections



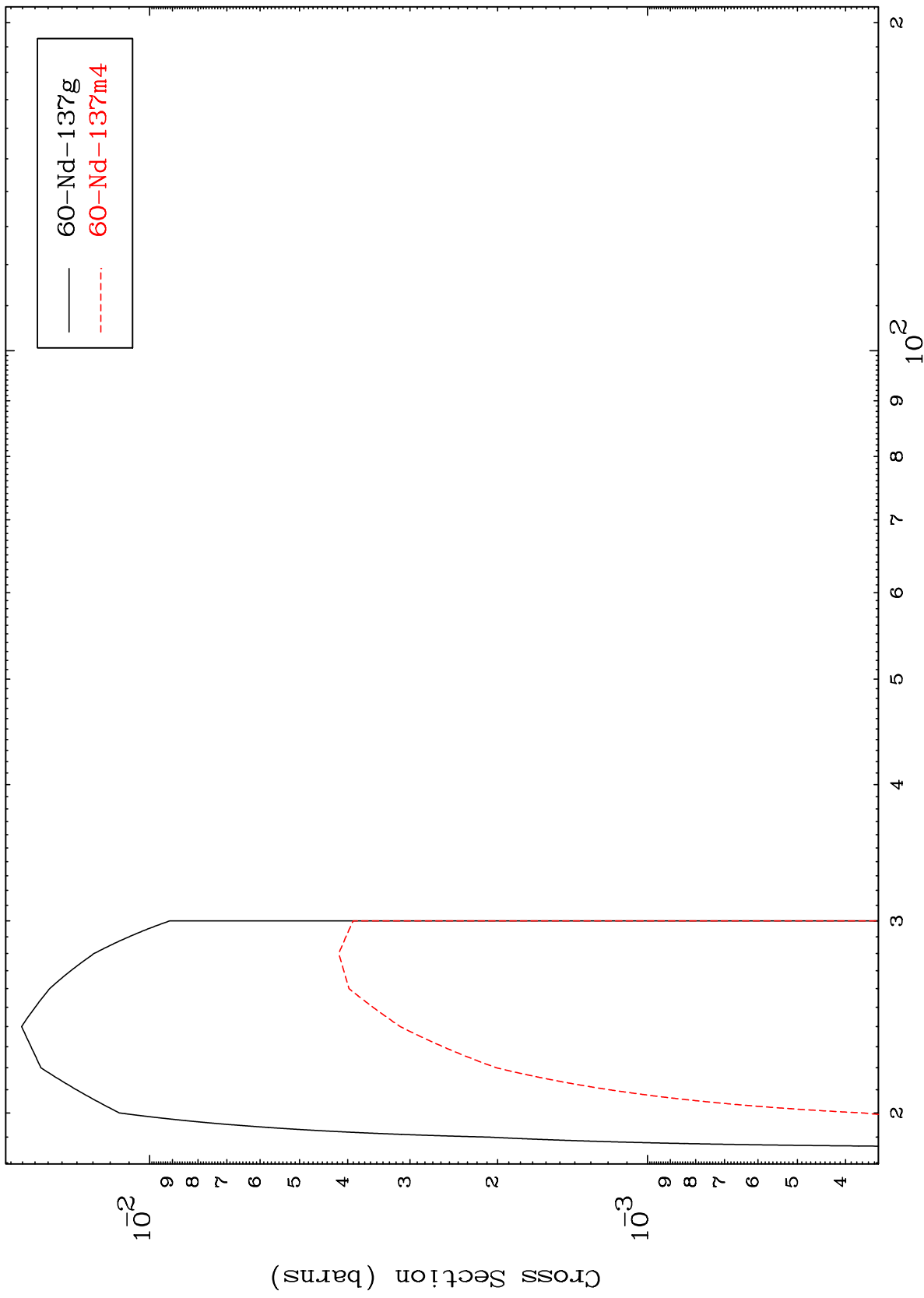
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

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



11

60-Nd-139

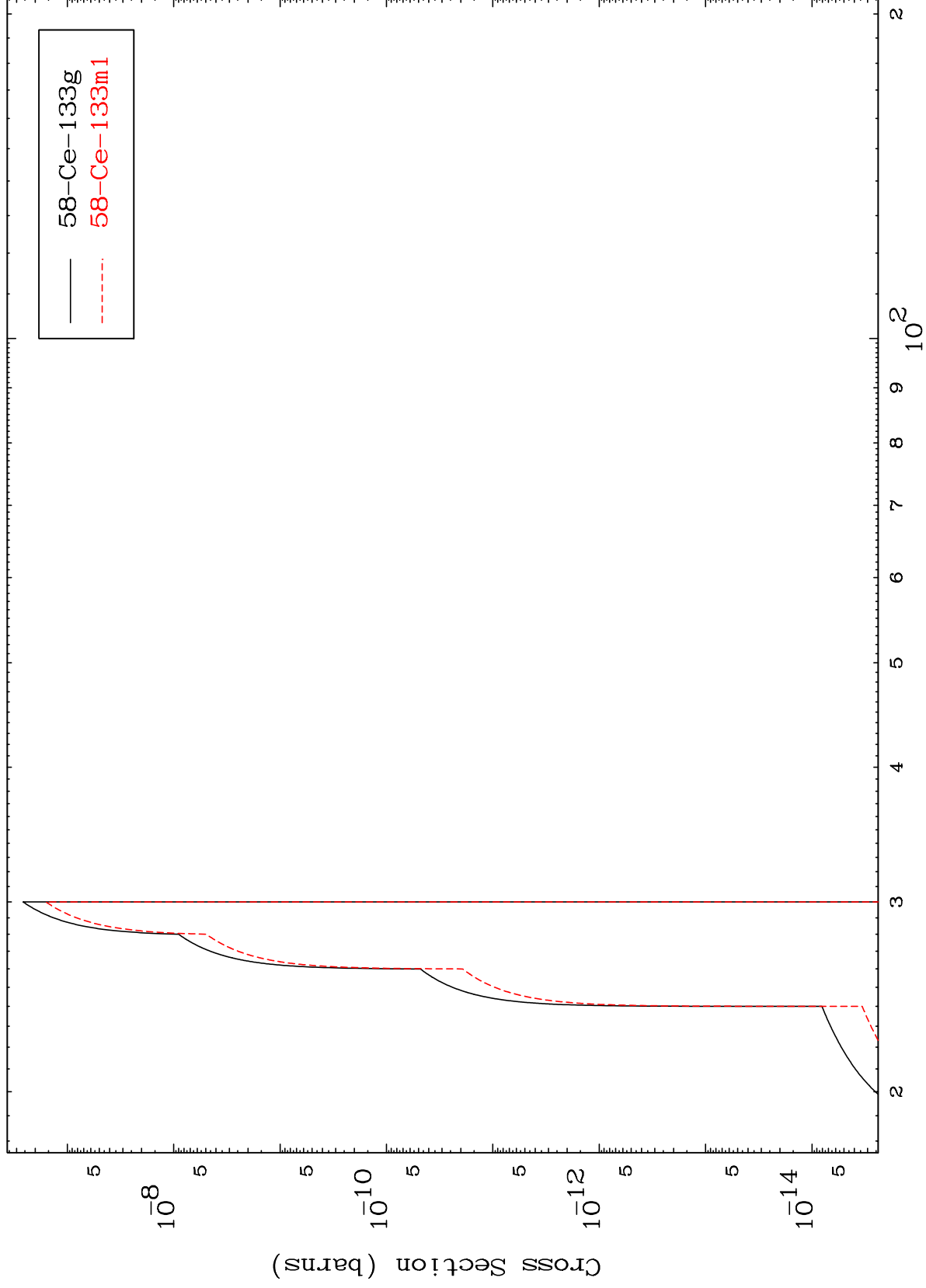
Incident Energy (MeV)

MAT 6016

$(\gamma, 2n) \alpha$

60-Nd-139

Radionuclide Production Cross Section



12

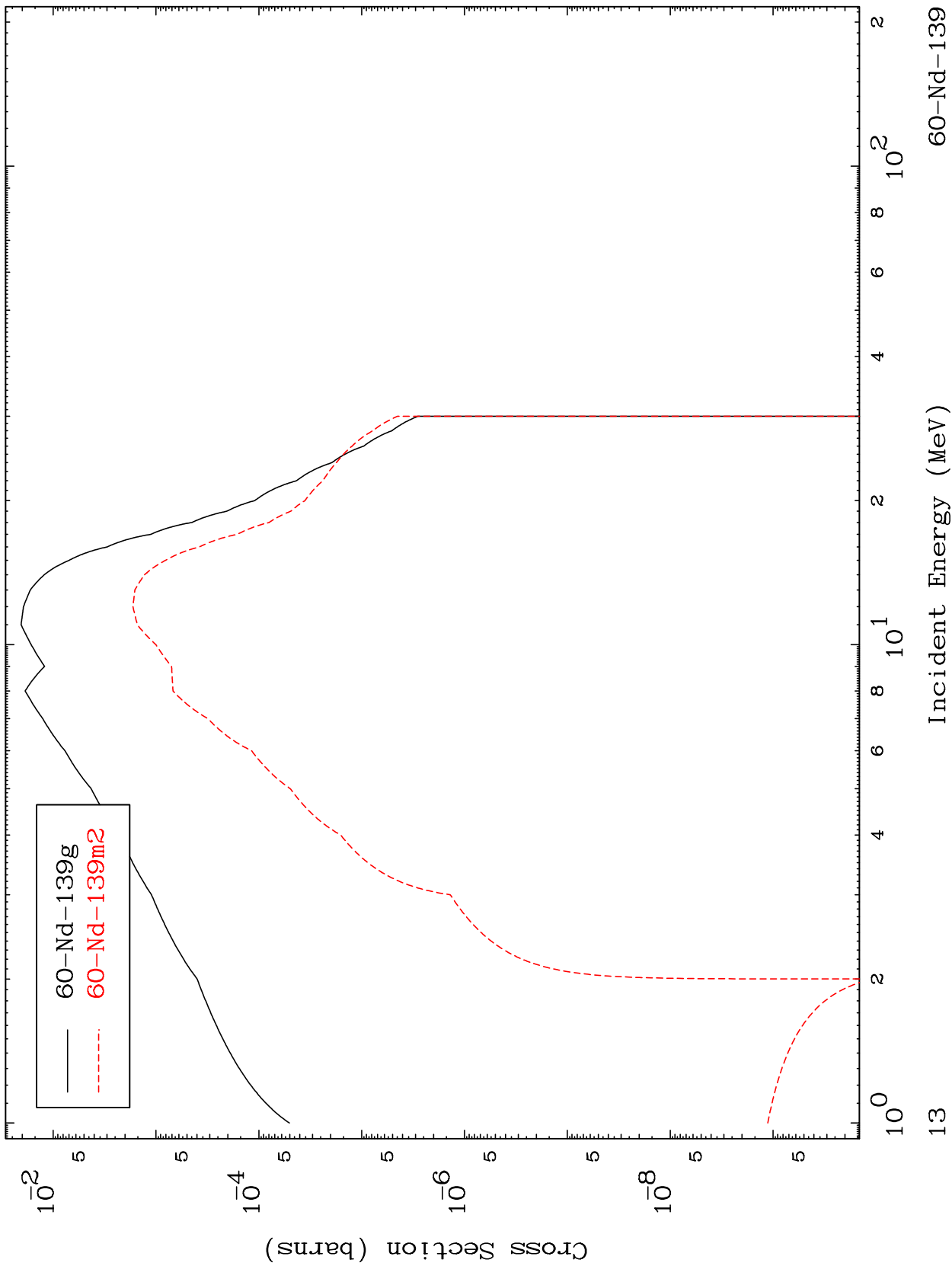
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

Radionuclide Production Cross Section
(γ, γ)



60-Nd-139

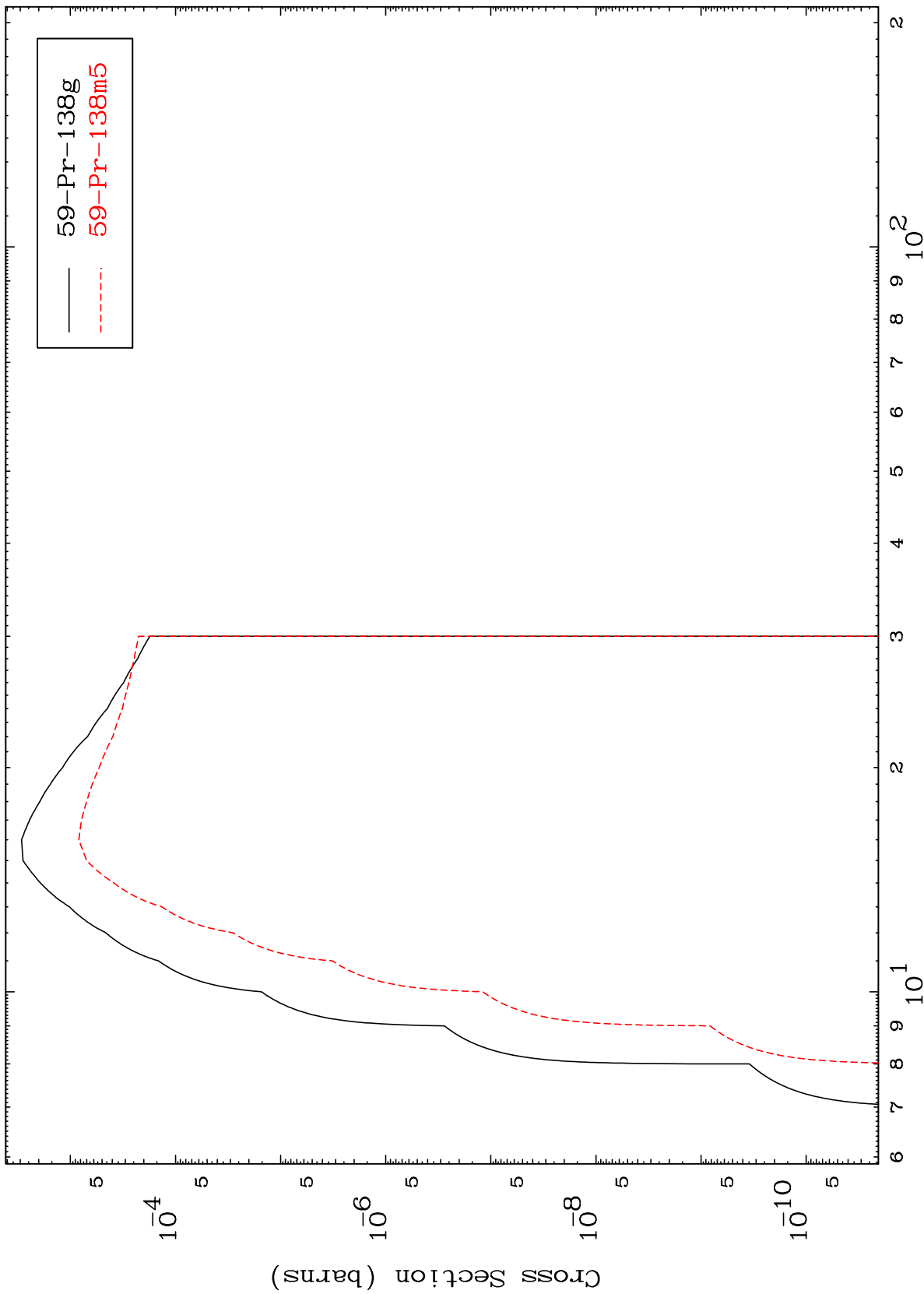
Incident Energy (MeV)

13

MAT 6016

60-Nd-139

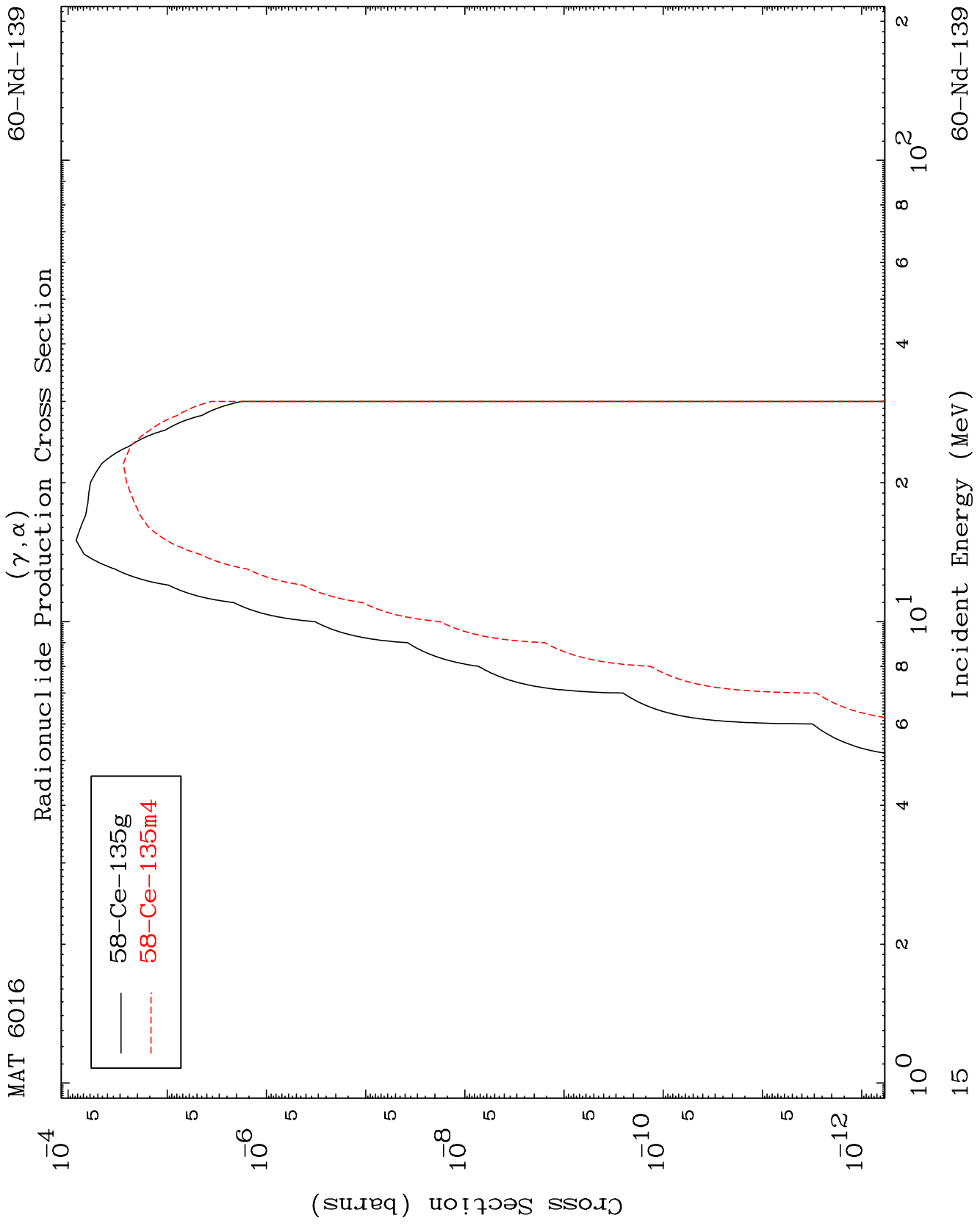
(γ, p)
Radionuclide Production Cross Section



60-Nd-139

Incident Energy (MeV)

14

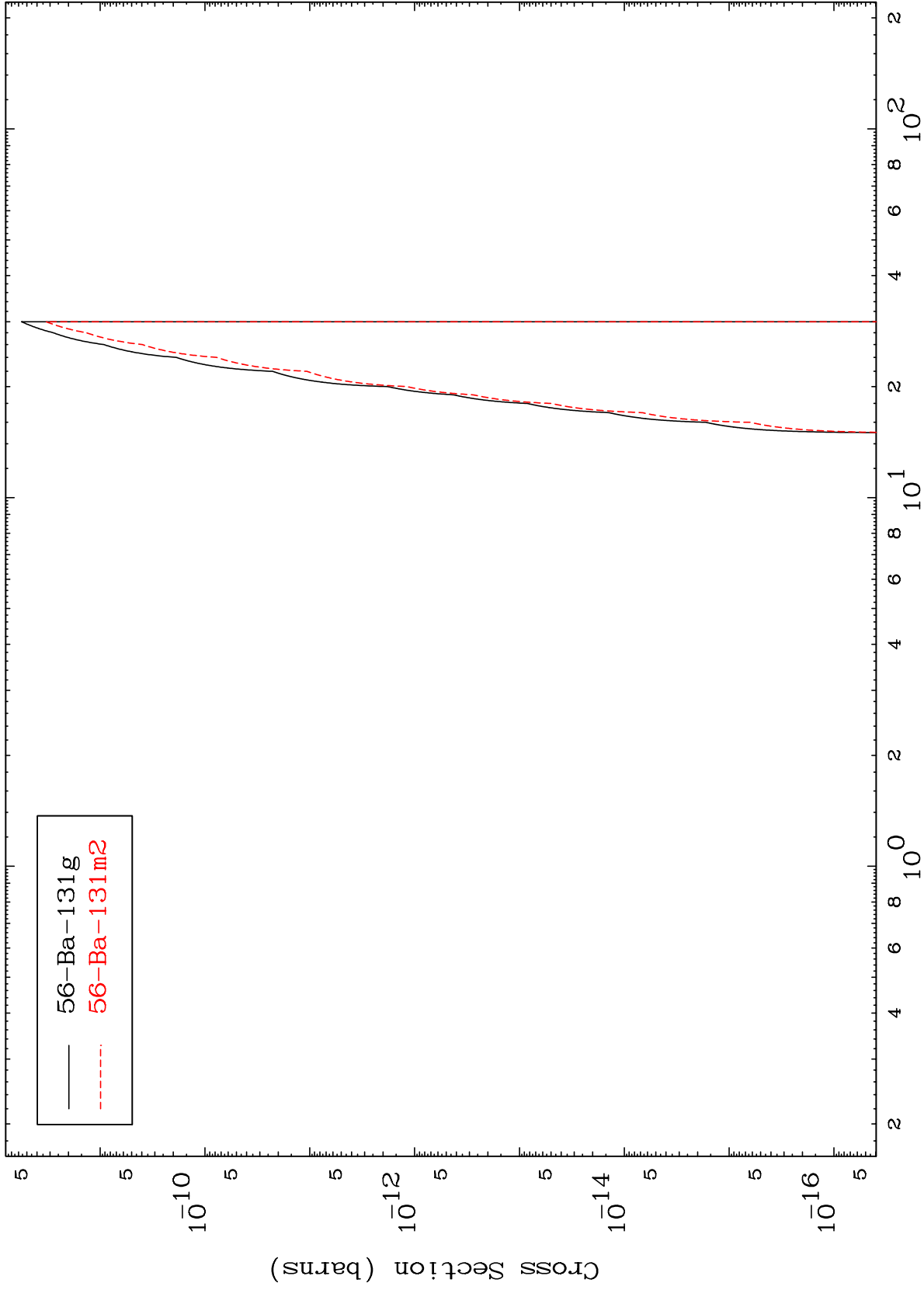


MAT 6016

($\gamma, 2\alpha$)

60-Nd-139

Radionuclide Production Cross Section



16

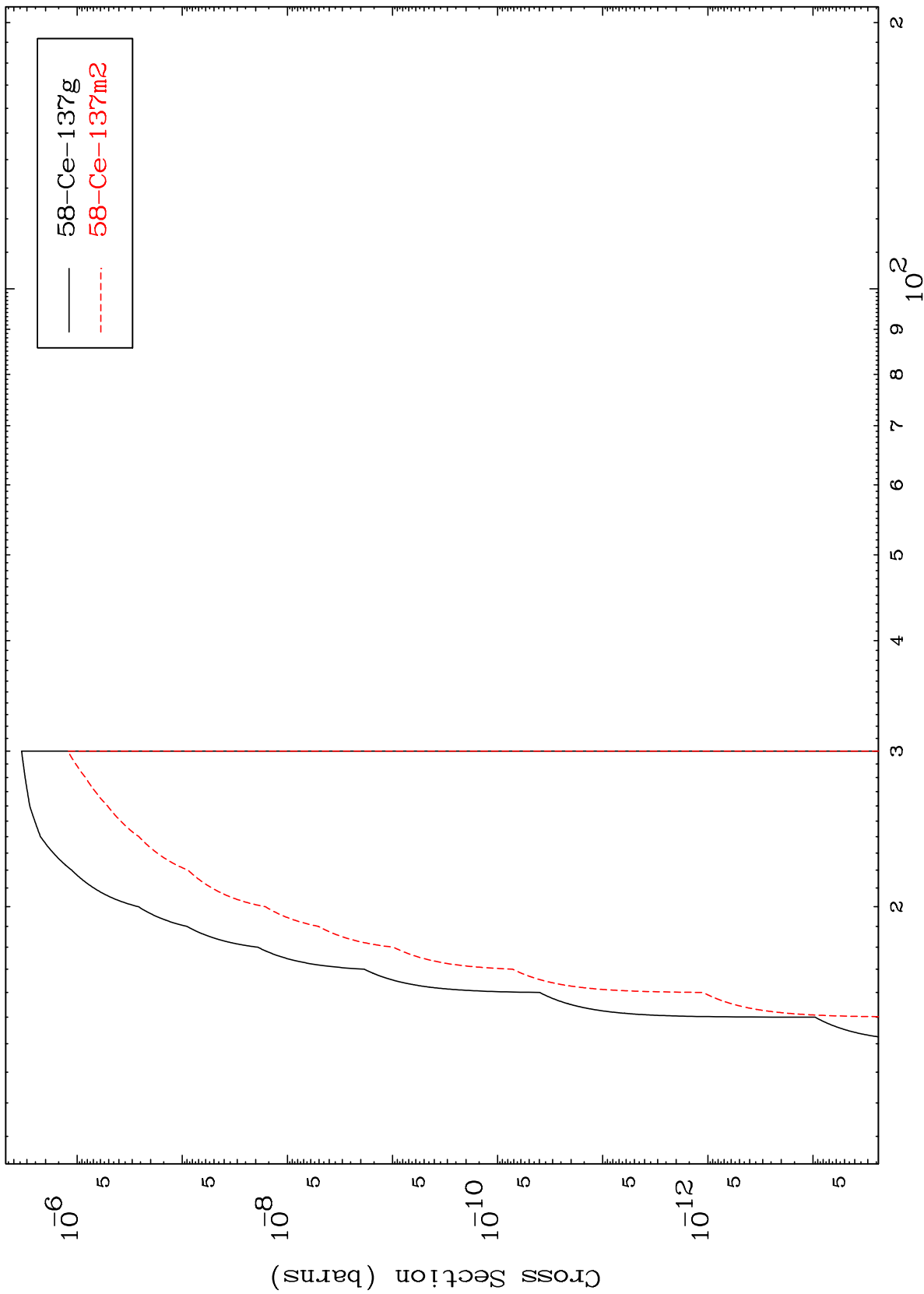
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

($\gamma, 2p$)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

60-Nd-139