

Program EVALPLOT
(Version 2018-1)

by

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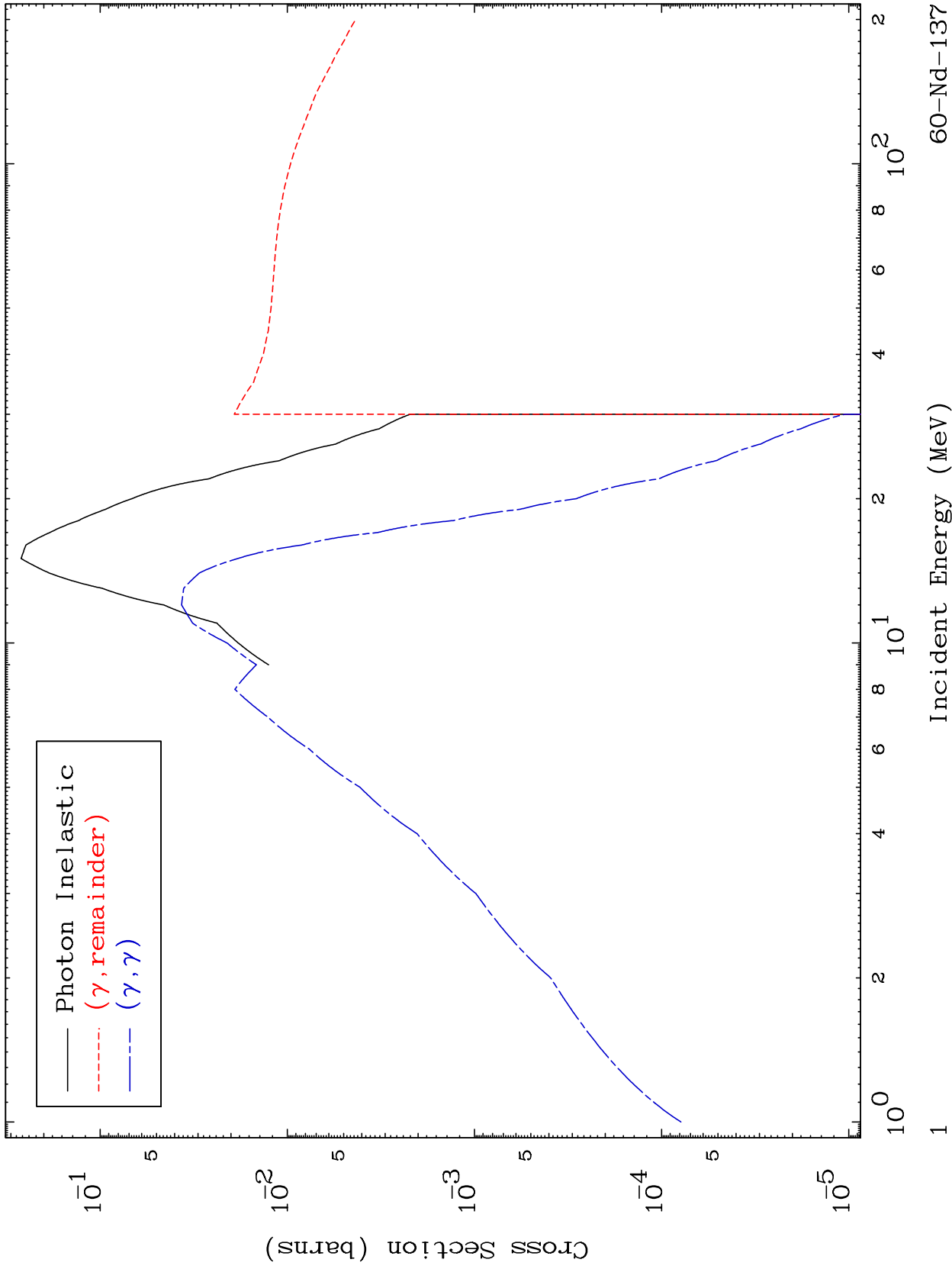
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6010

Photon Major
0 Kelvin Cross Sections

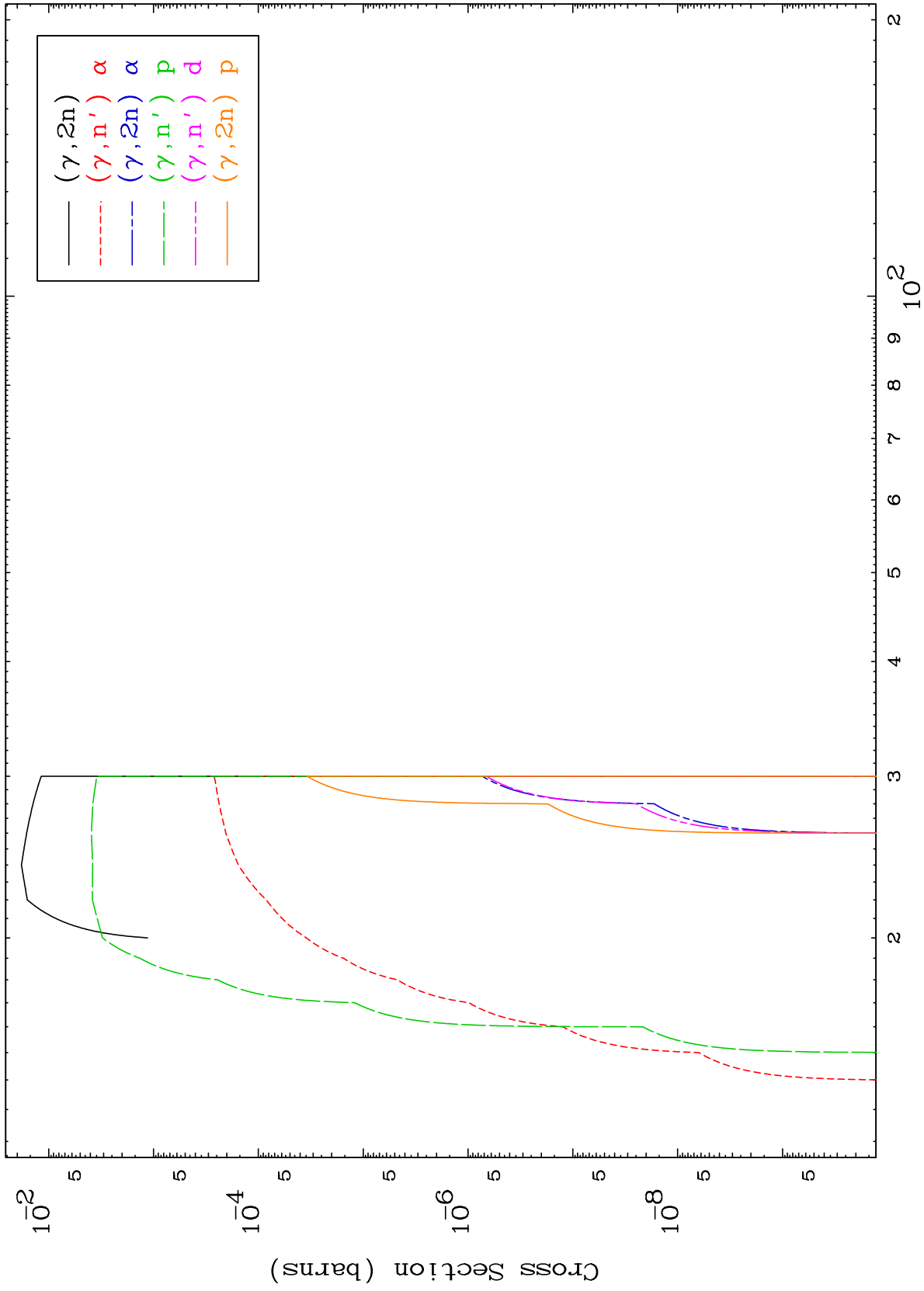
60-Nd-137



MAT 6010

Photon Neutron Production
0 Kelvin Cross Sections

60-Nd-137



2

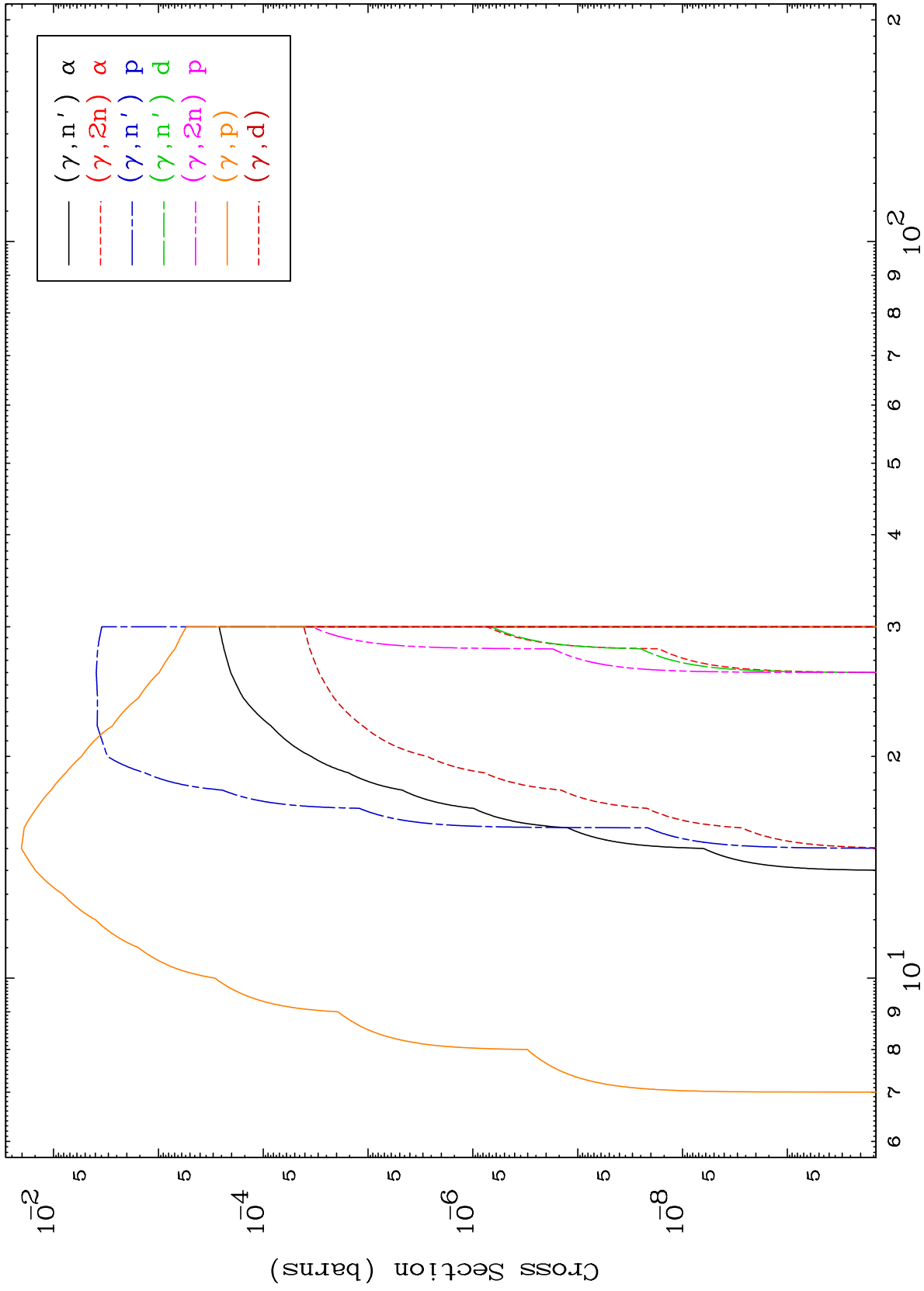
Incident Energy (MeV)

60-Nd-137

MAT 6010

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-137



3

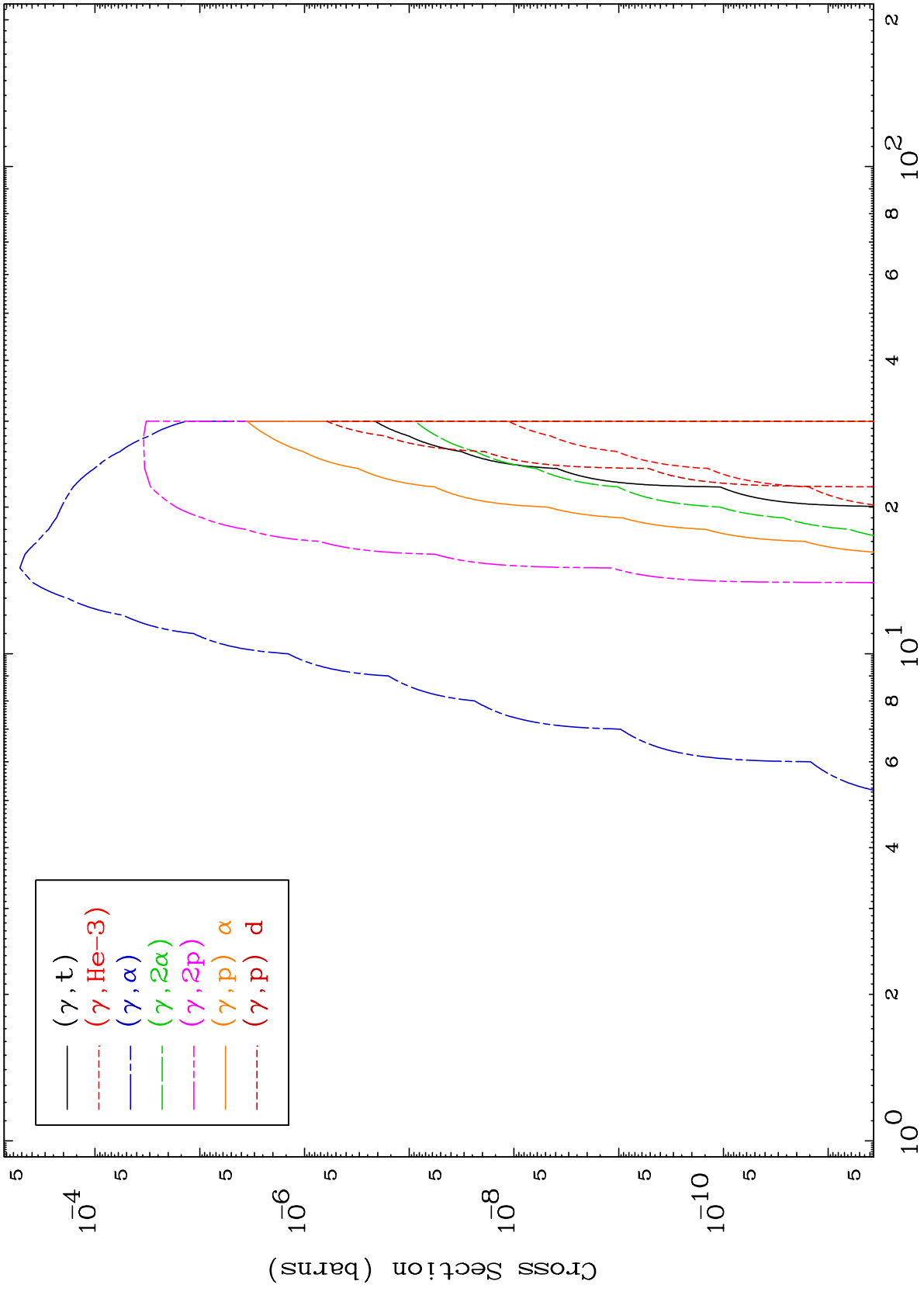
Incident Energy (MeV)

60-Nd-137

MAT 6010

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-137



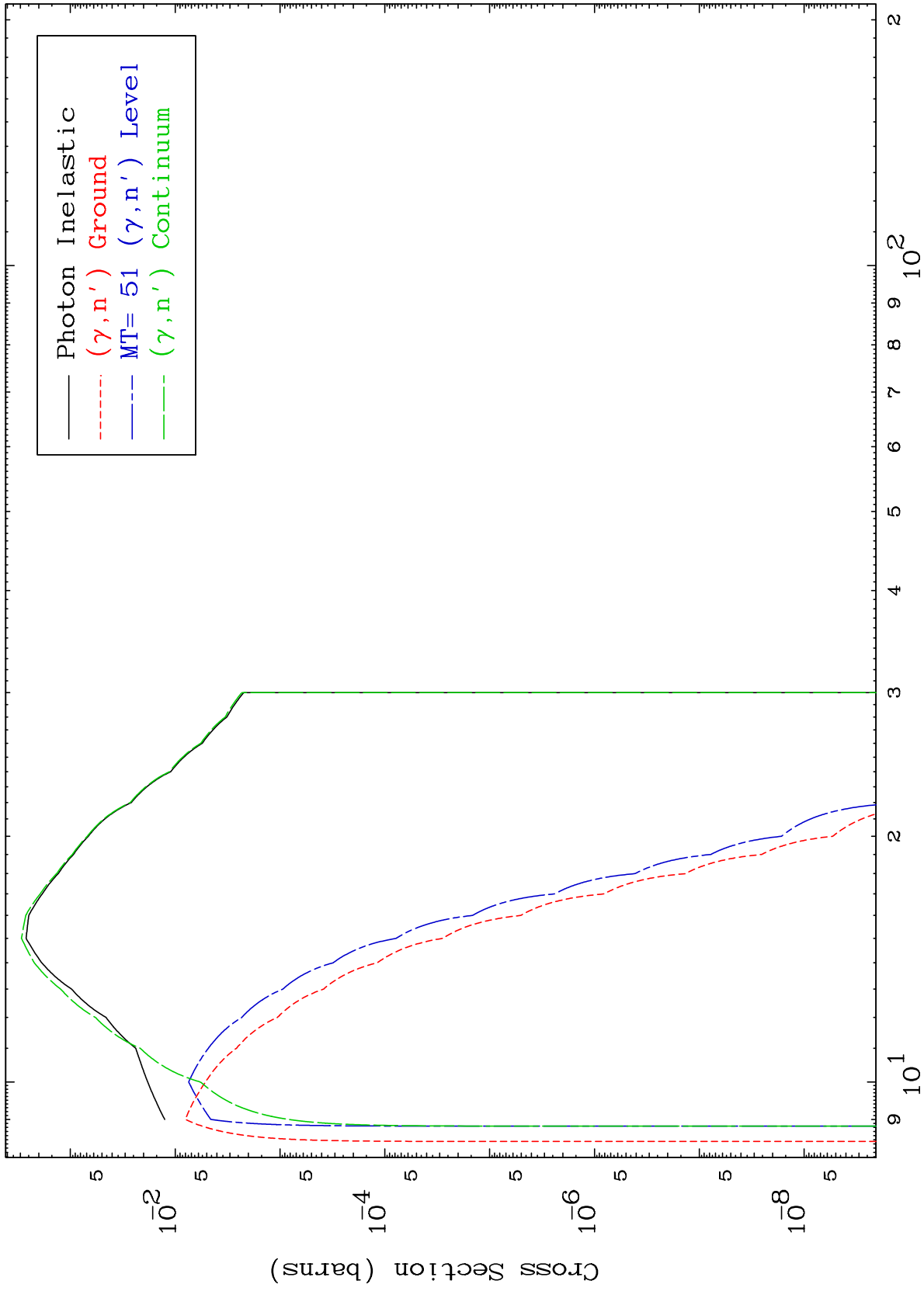
60-Nd-137

MAT 6010

(γ, n') Level

0 Kelvin Cross Sections

60-Nd-137



5

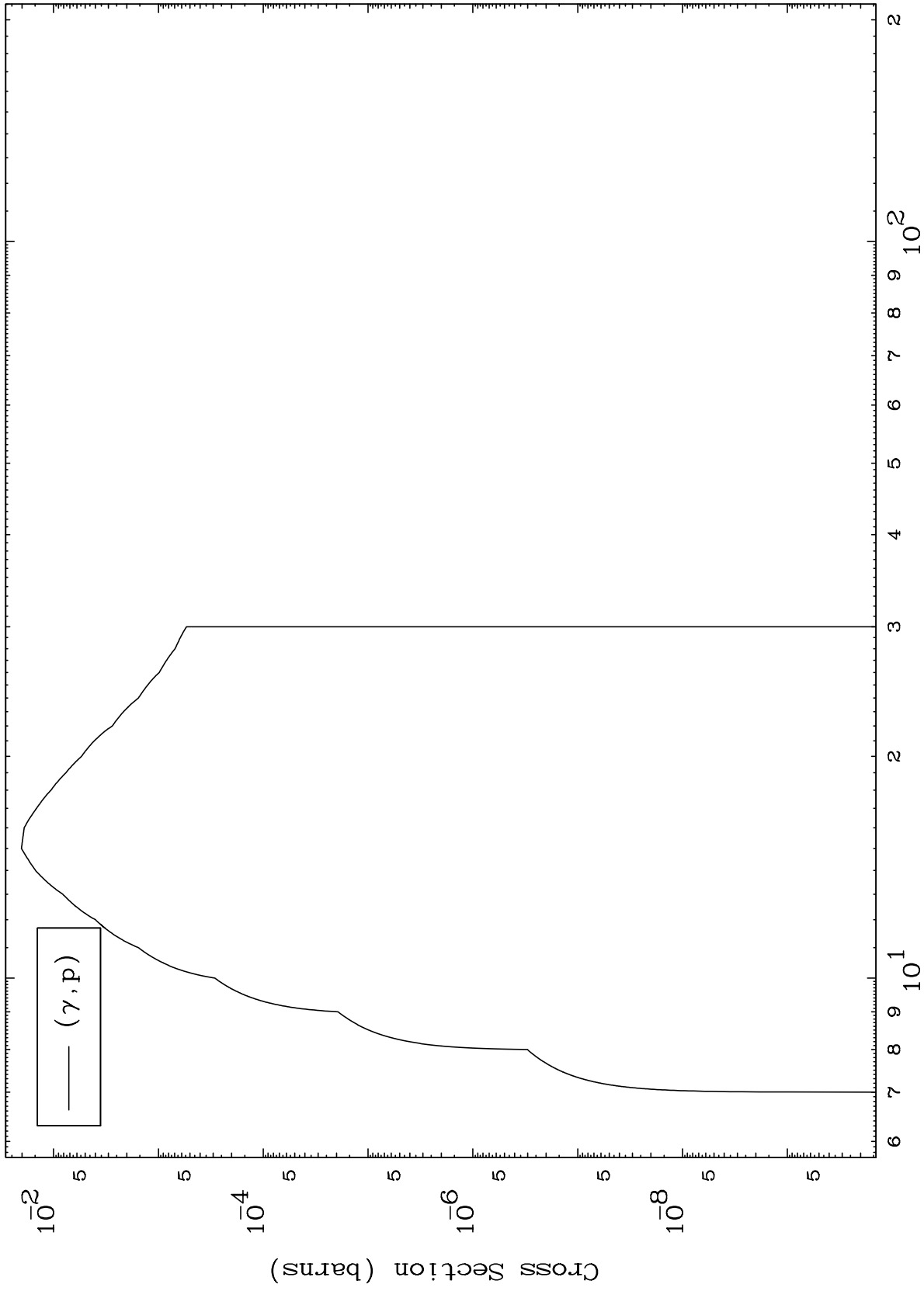
Incident Energy (MeV)

60-Nd-137

MAT 6010

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-137



6

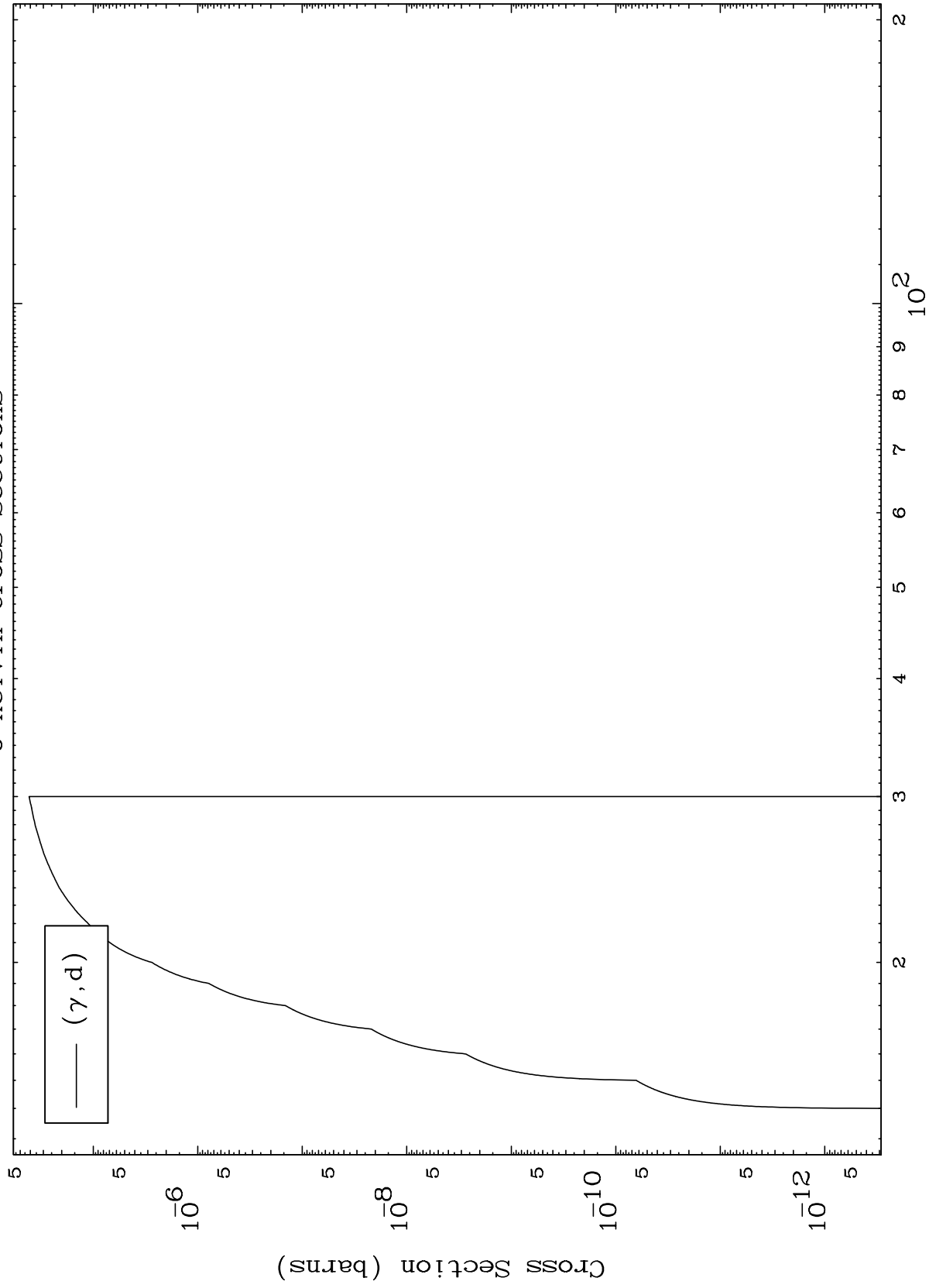
Incident Energy (MeV)

60-Nd-137

MAT 6010

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-137



7

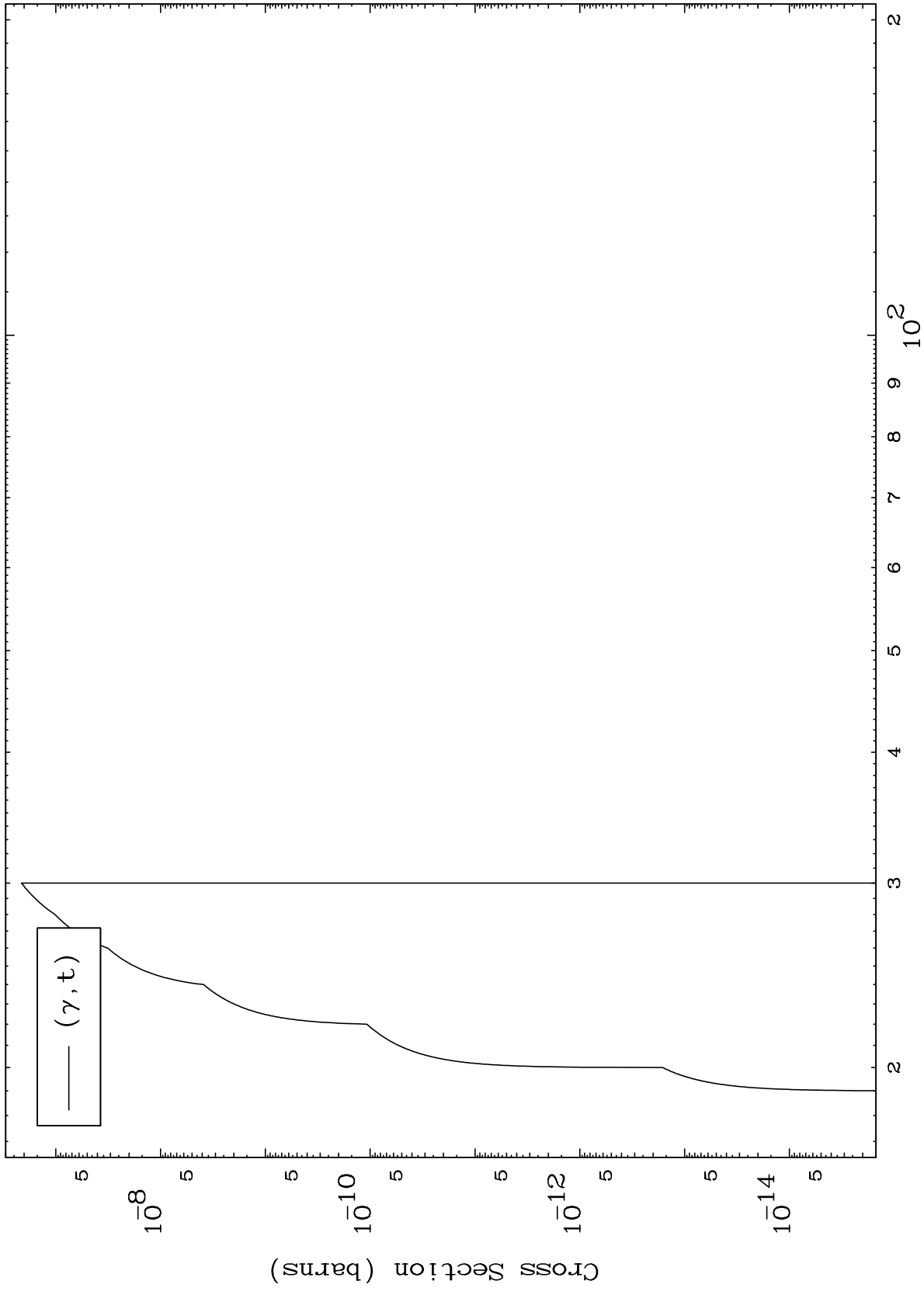
Incident Energy (MeV)

60-Nd-137

MAT 6010

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-137



8

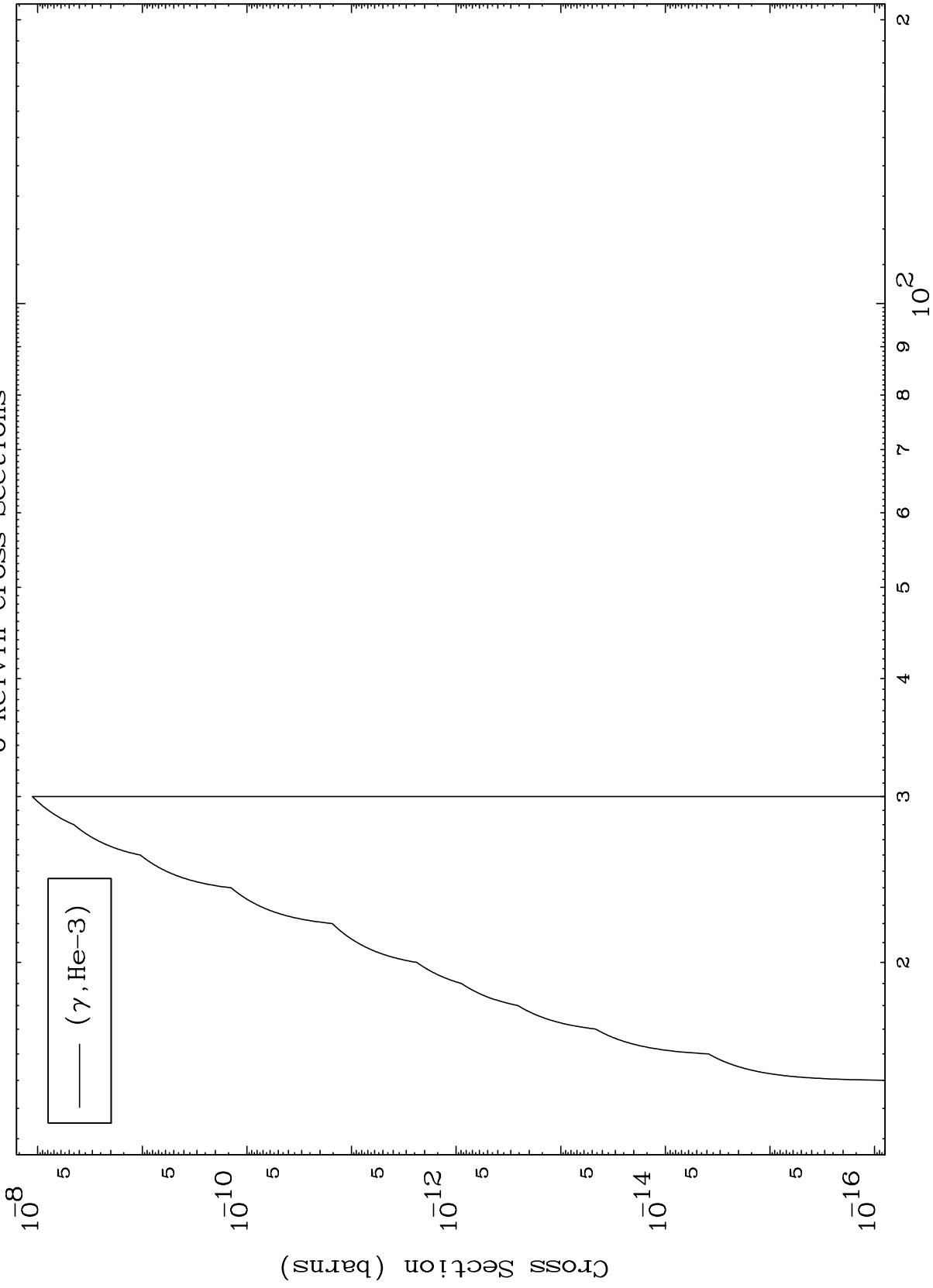
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



9

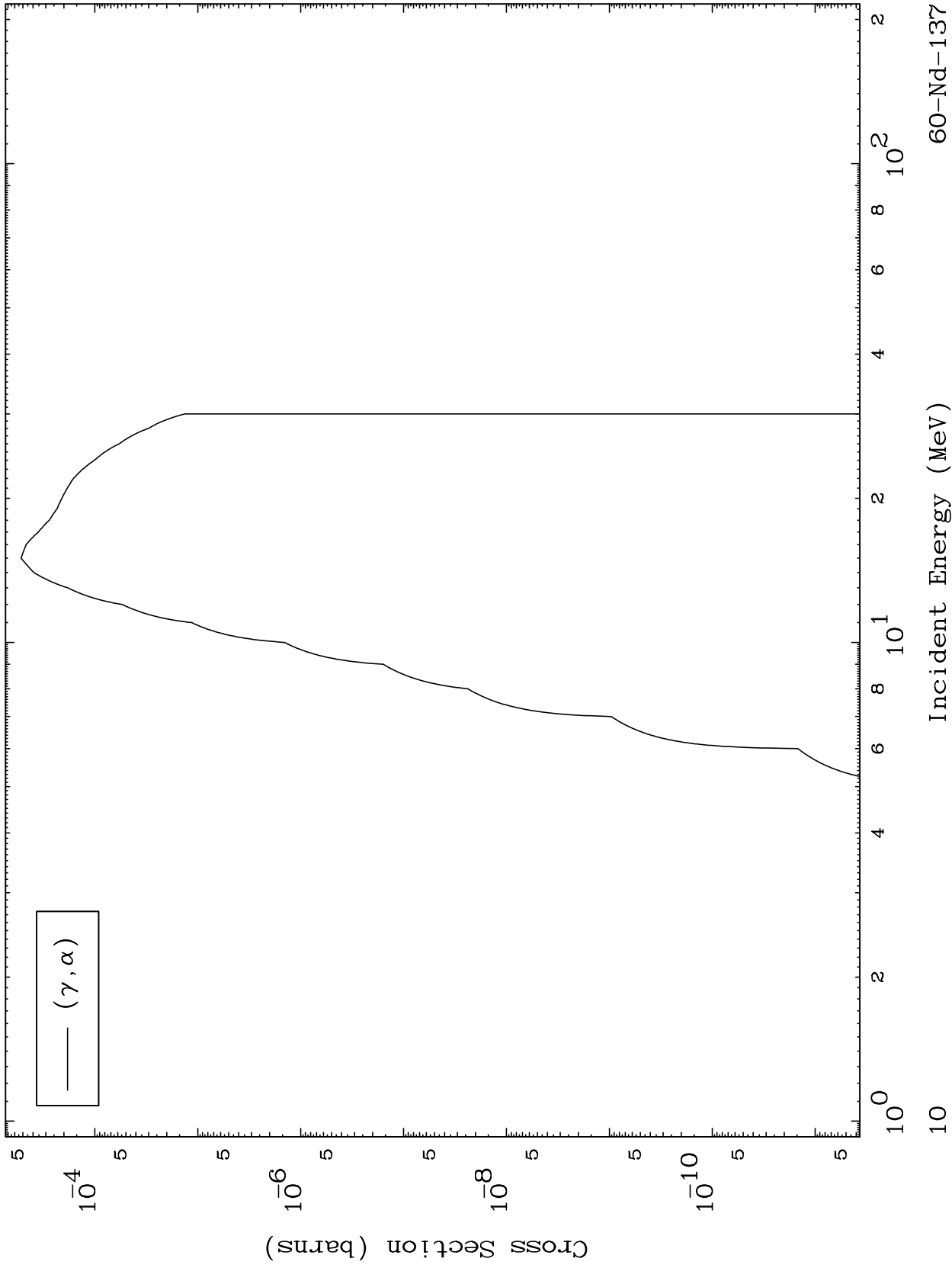
Incident Energy (MeV)

60-Nd-137

MAT 6010

(γ, α) Levels
0 Kelvin Cross Sections

60-Nd-137



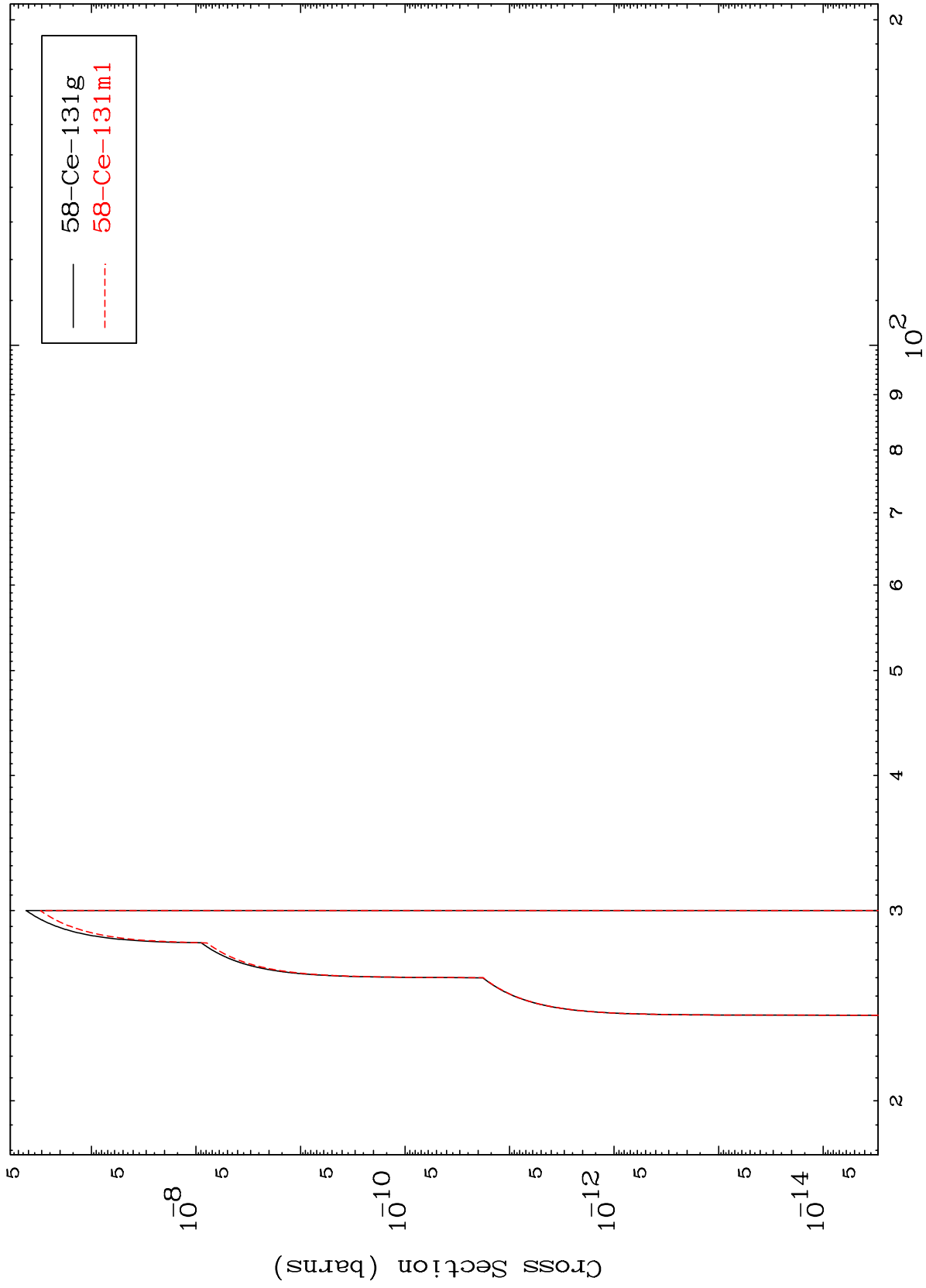
60-Nd-137

MAT 6010

$(\gamma, 2n) \alpha$

$^{60}\text{Nd}-^{137}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

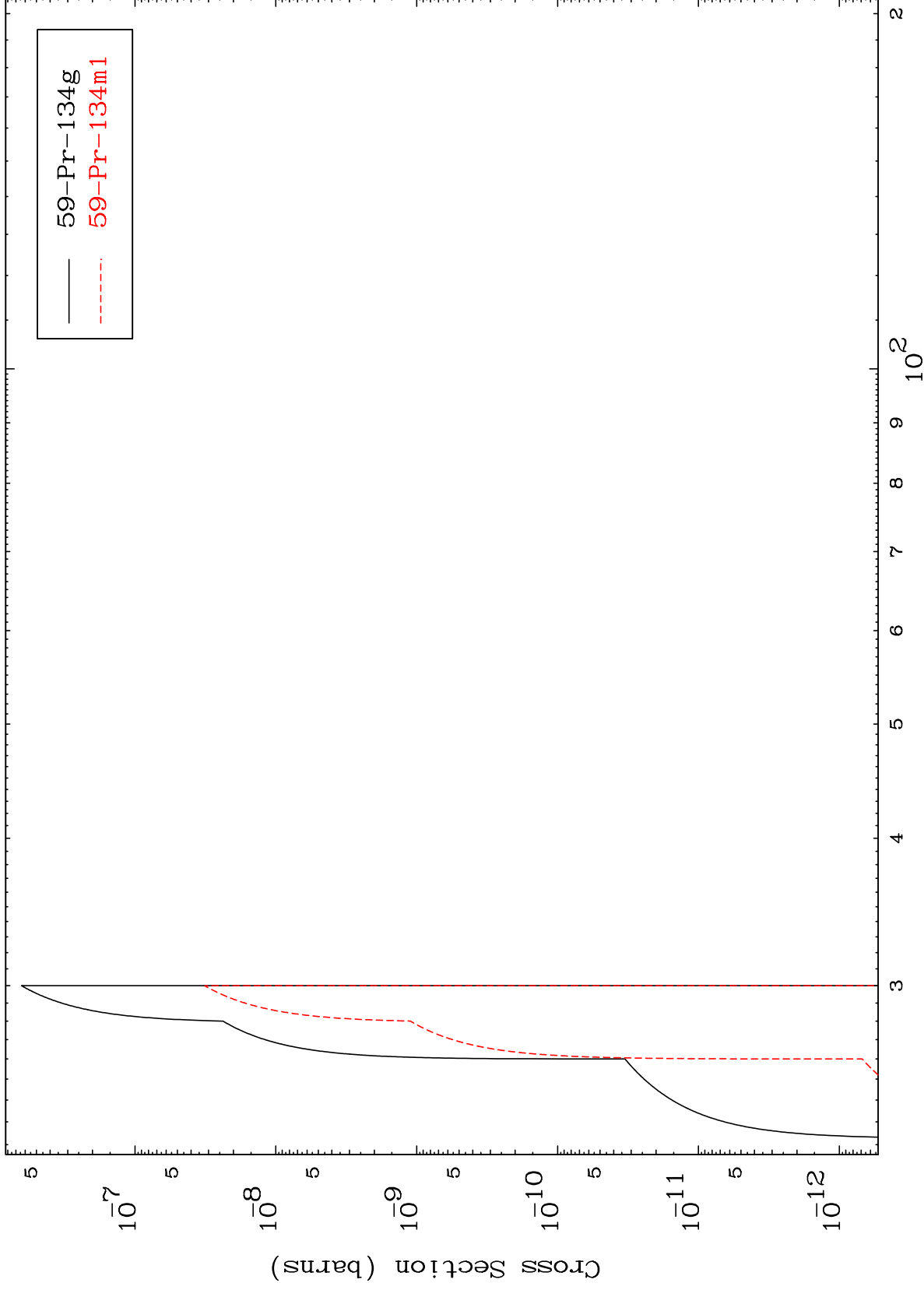
$^{60}\text{Nd}-^{137}$

MAT 6010

(γ, n') d

60-Nd-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

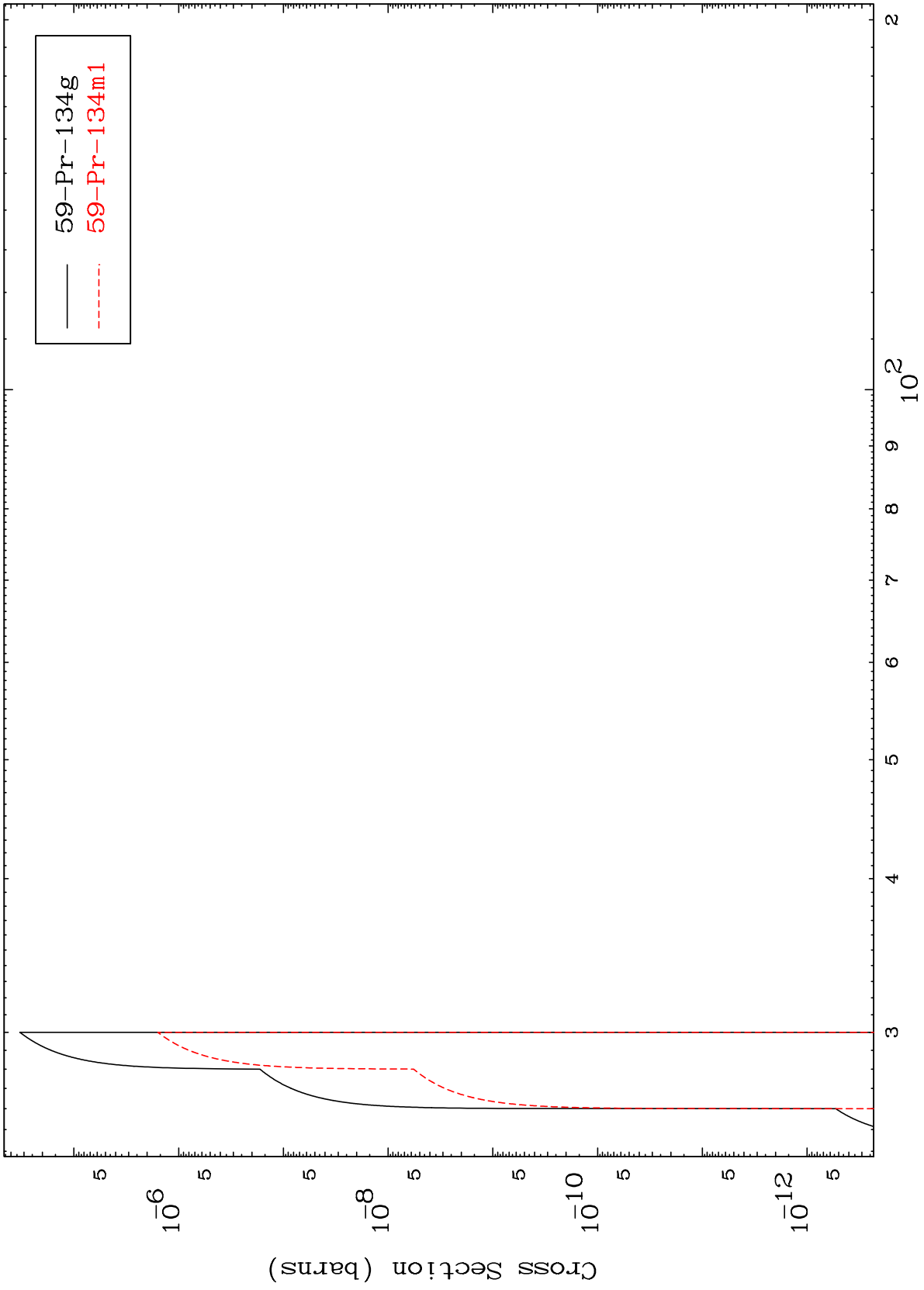
60-Nd-137

MAT 6010

($\gamma, 2n$) p

60-Nd-137

Radionuclide Production Cross Section



13

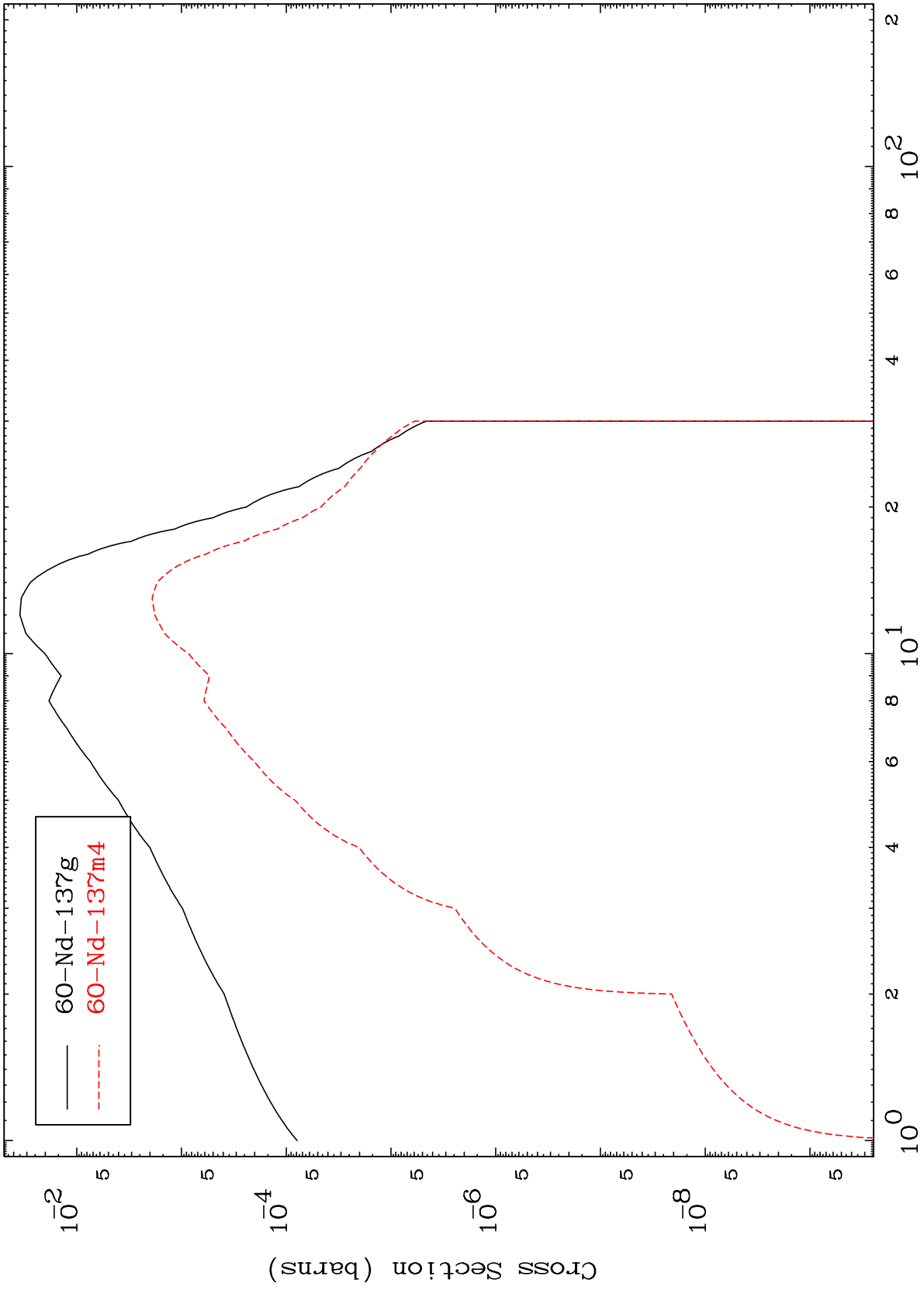
Incident Energy (MeV)

60-Nd-137

MAT 6010

Radionuclide Production Cross Section
(γ, γ)

60-Nd-137



14

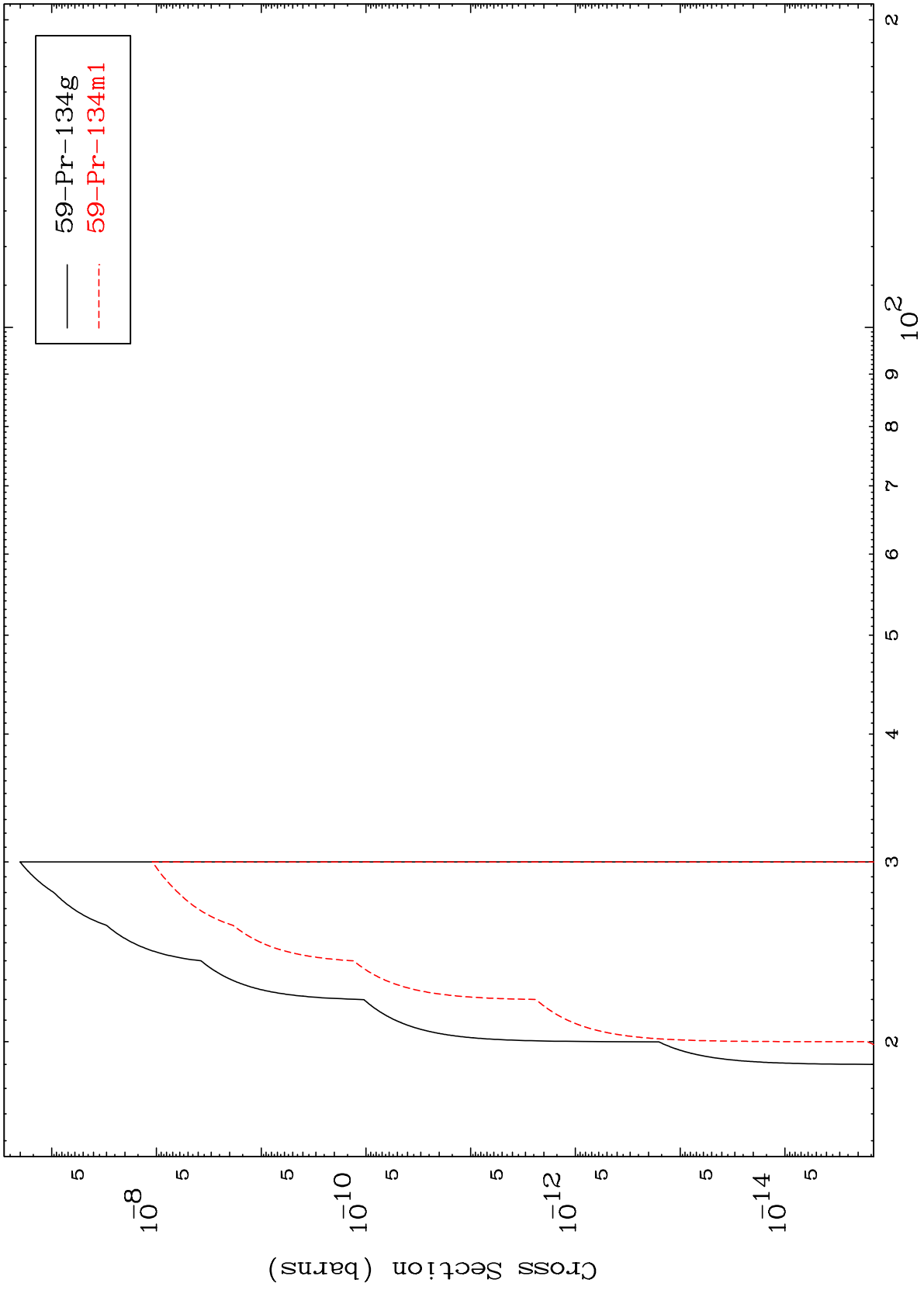
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

(γ, t)
Radionuclide Production Cross Section



15

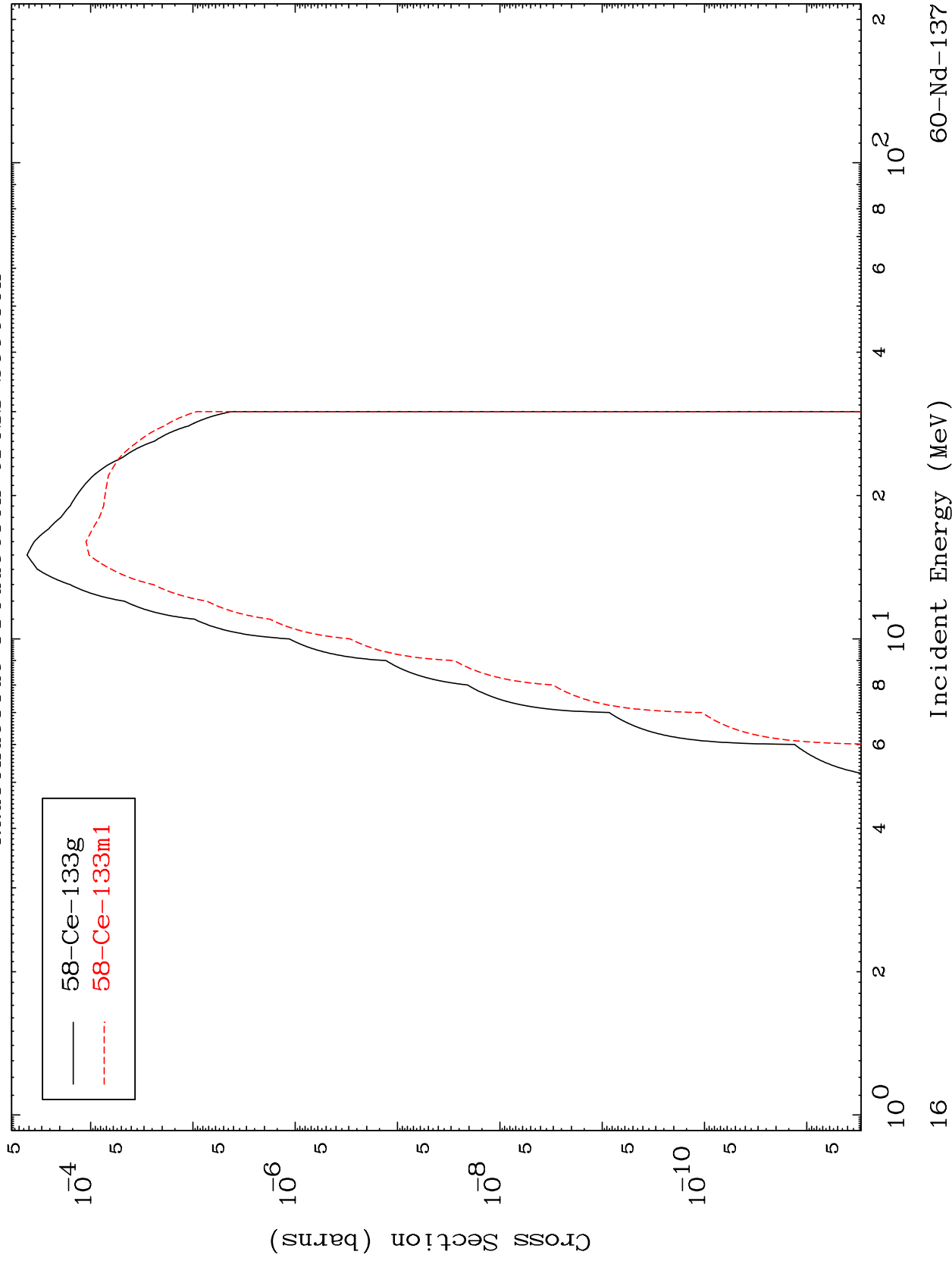
Incident Energy (MeV)

60-Nd-137

MAT 6010

Radionuclide Production Cross Section
(γ, α)

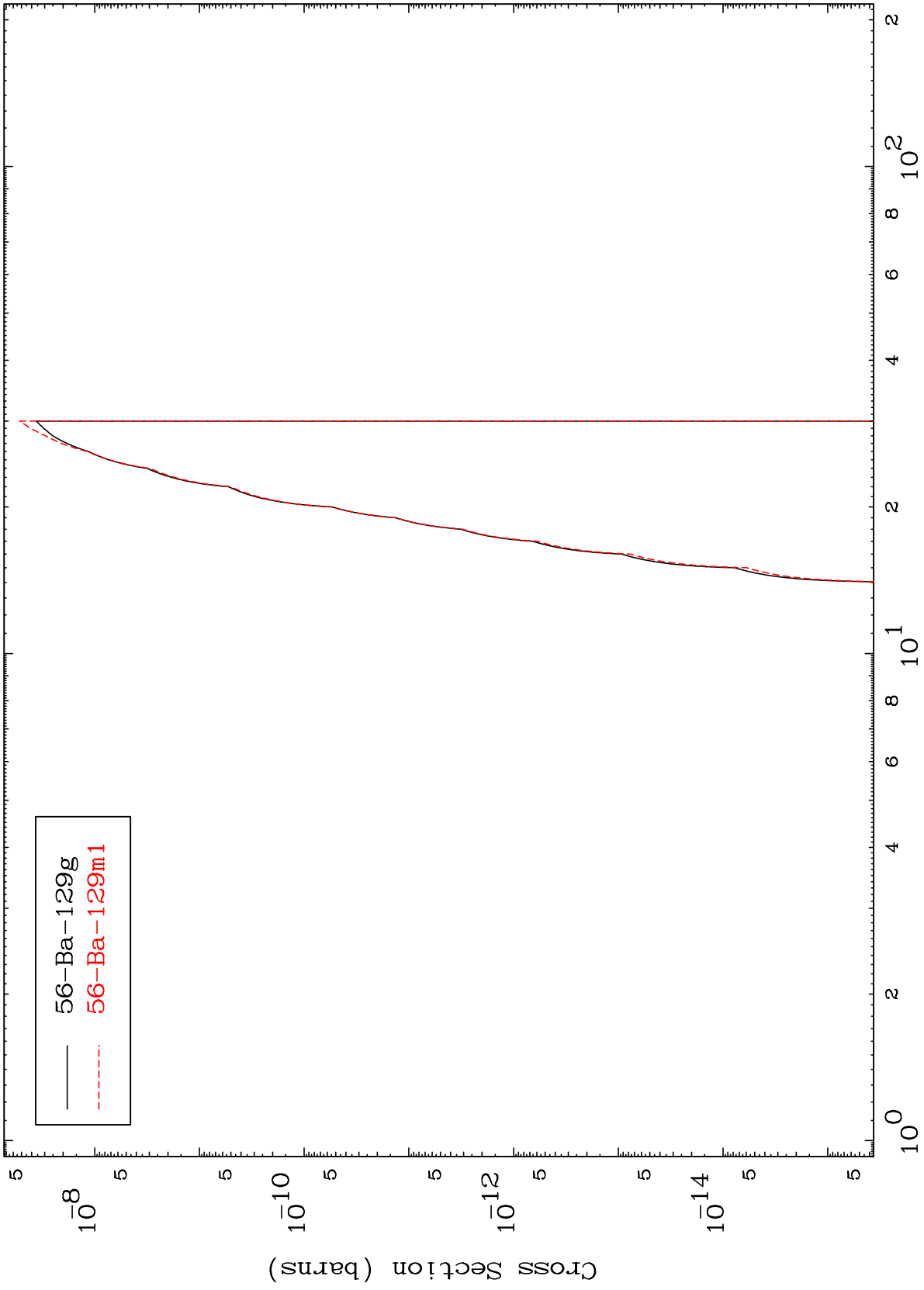
60-Nd-137



MAT 6010

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

60-Nd-137



17

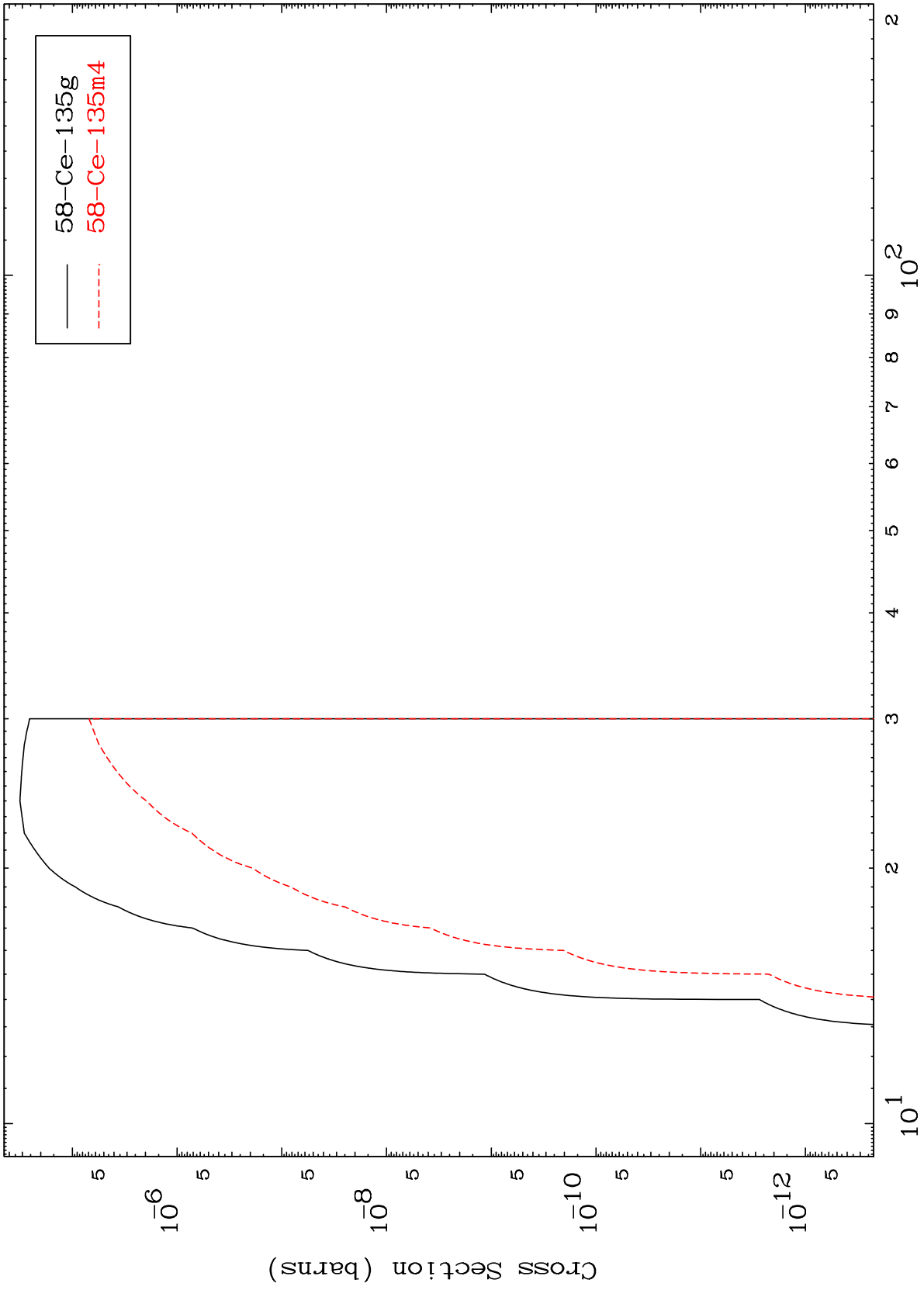
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

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



60-Nd-137

Incident Energy (MeV)

18

10^1

2

3

4

5

6

7

8

9

10^2

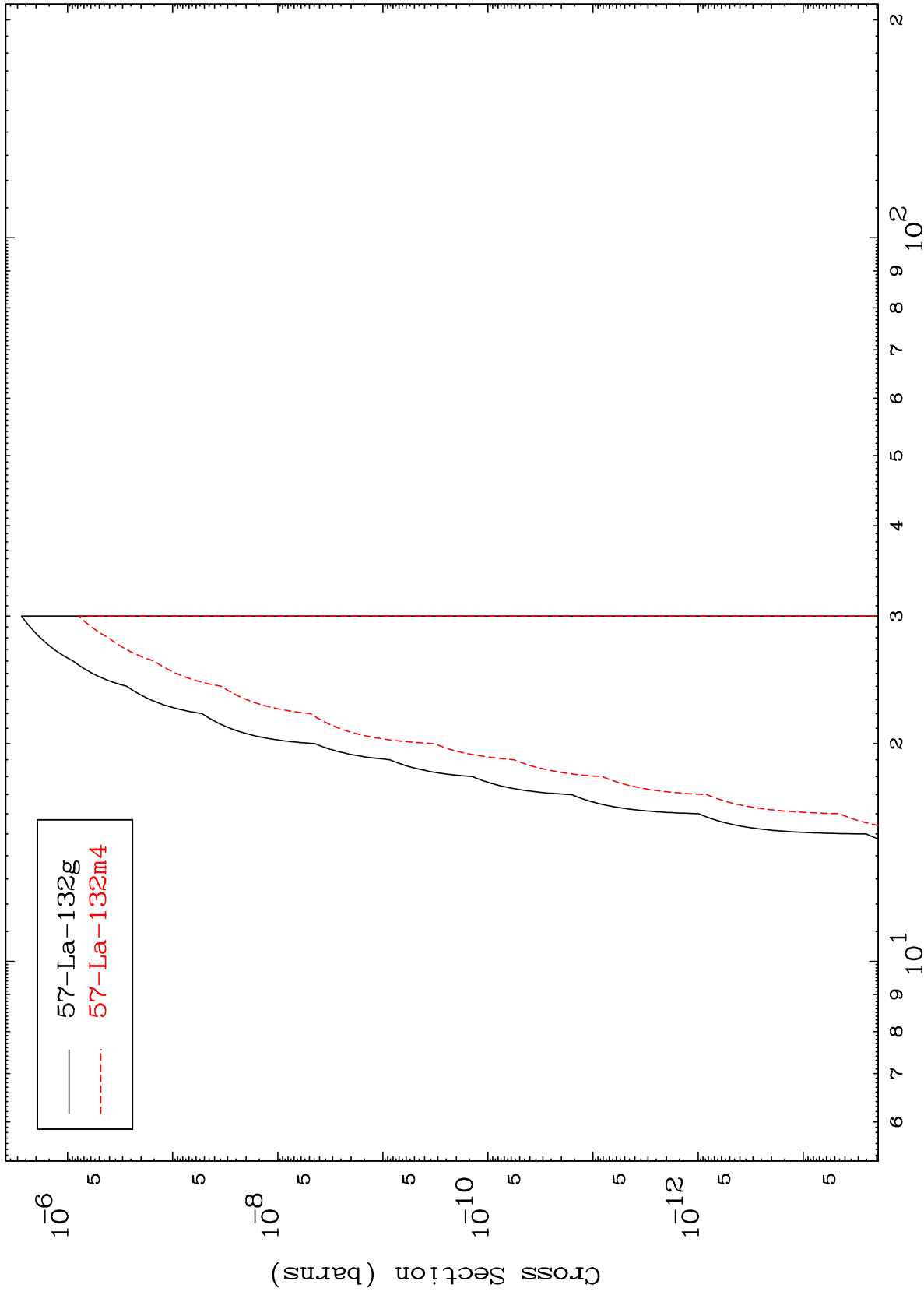
2

MAT 6010

(γ, p) α

60-Nd-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

60-Nd-137