

Program EVALPLOT
(Version 2018-1)

by

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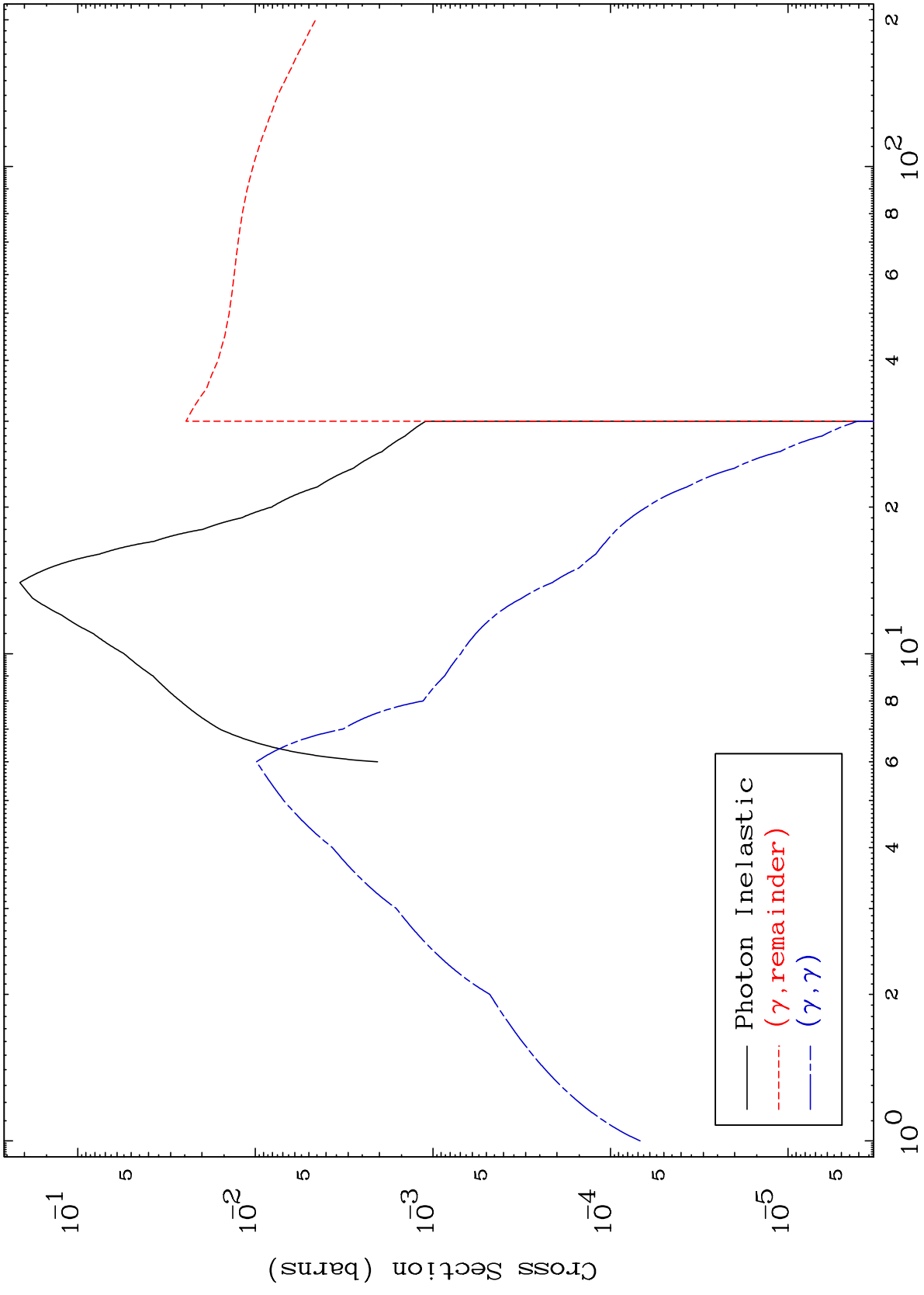
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6034

Photon Major
0 Kelvin Cross Sections

60-Nd-145

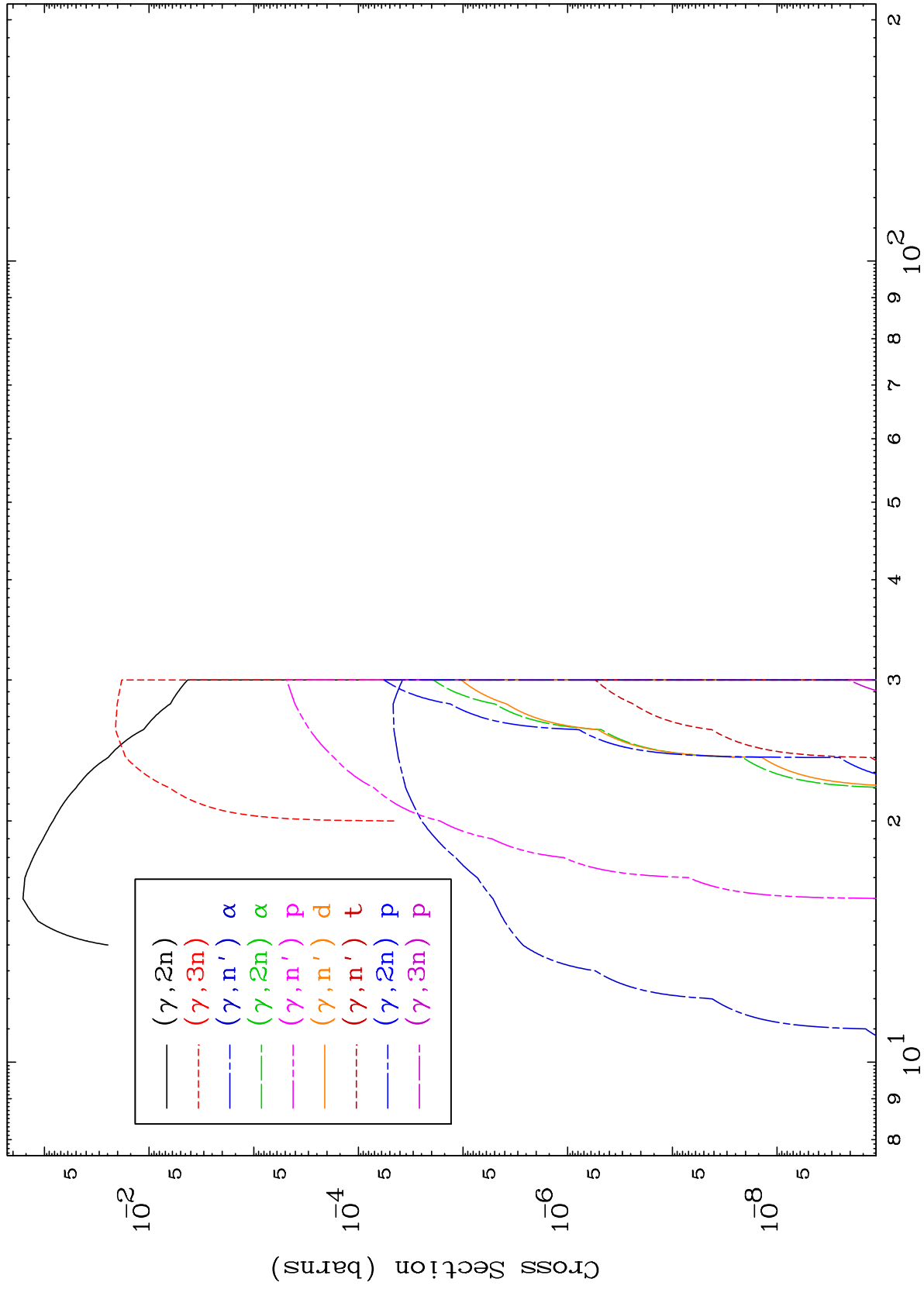


60-Nd-145

MAT 6034

Photon Neutron Production
0 Kelvin Cross Sections

60-Nd-145



2

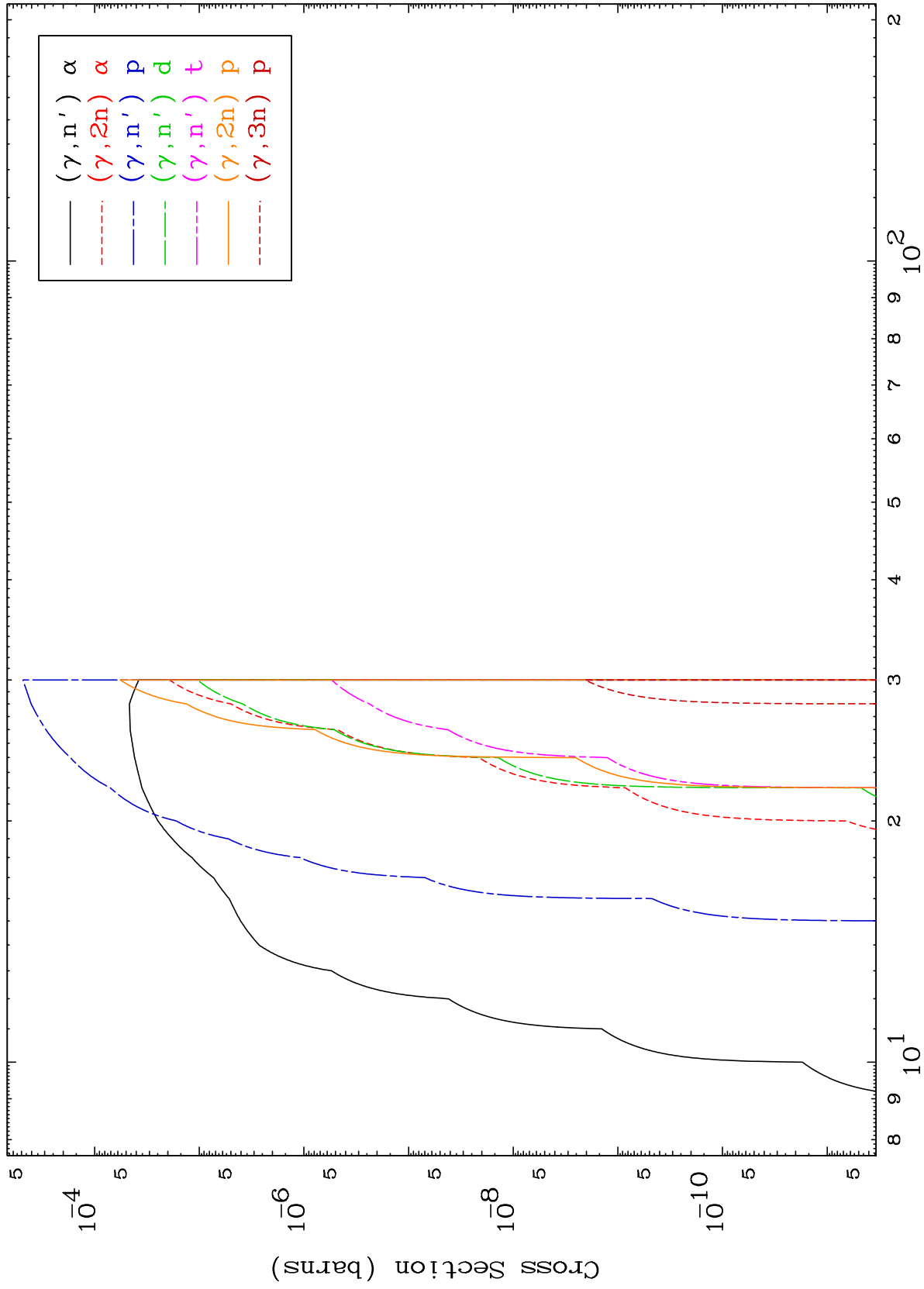
Incident Energy (MeV)

60-Nd-145

MAT 6034

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-145



3

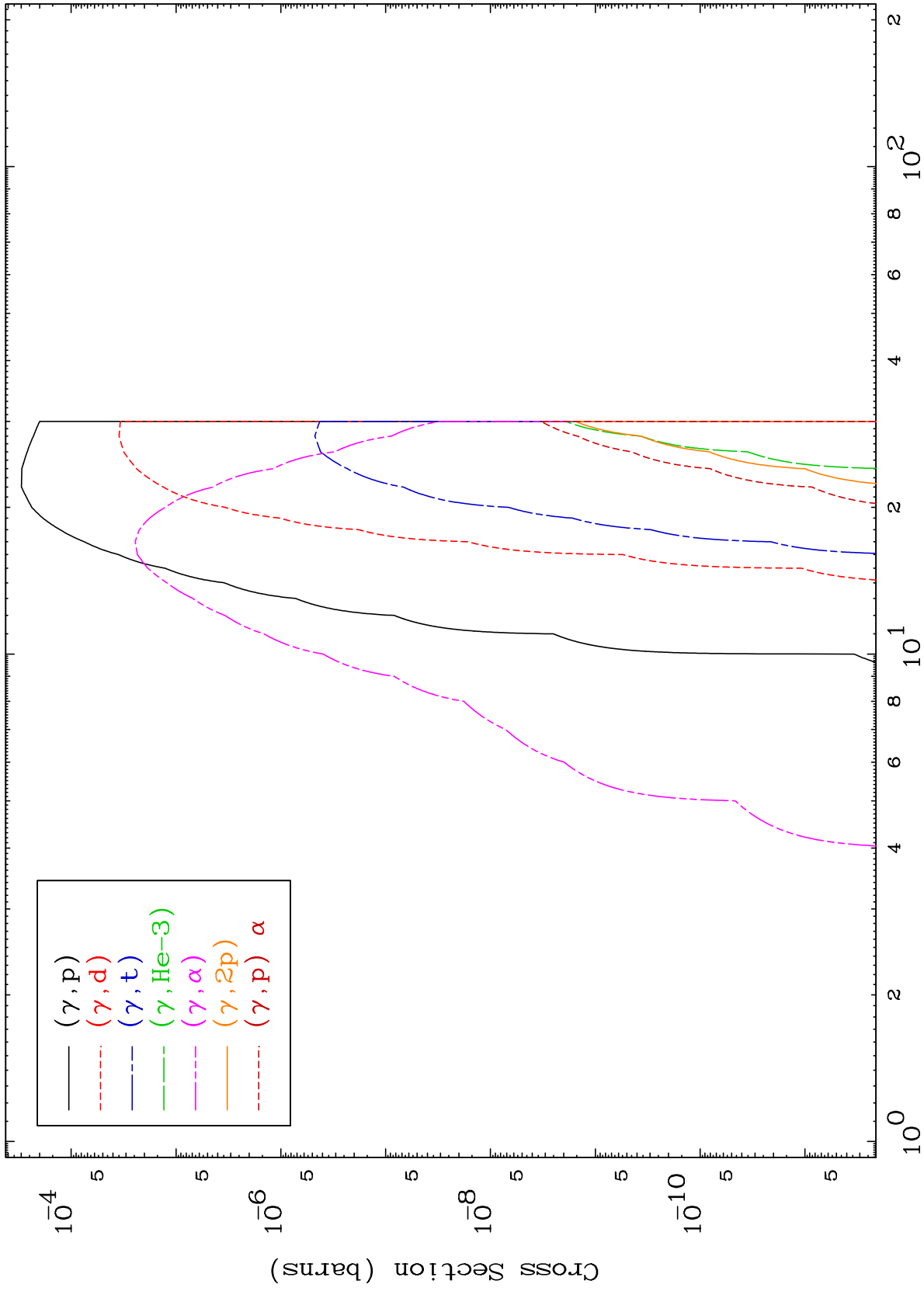
Incident Energy (MeV)

60-Nd-145

MAT 6034

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-145



60-Nd-145

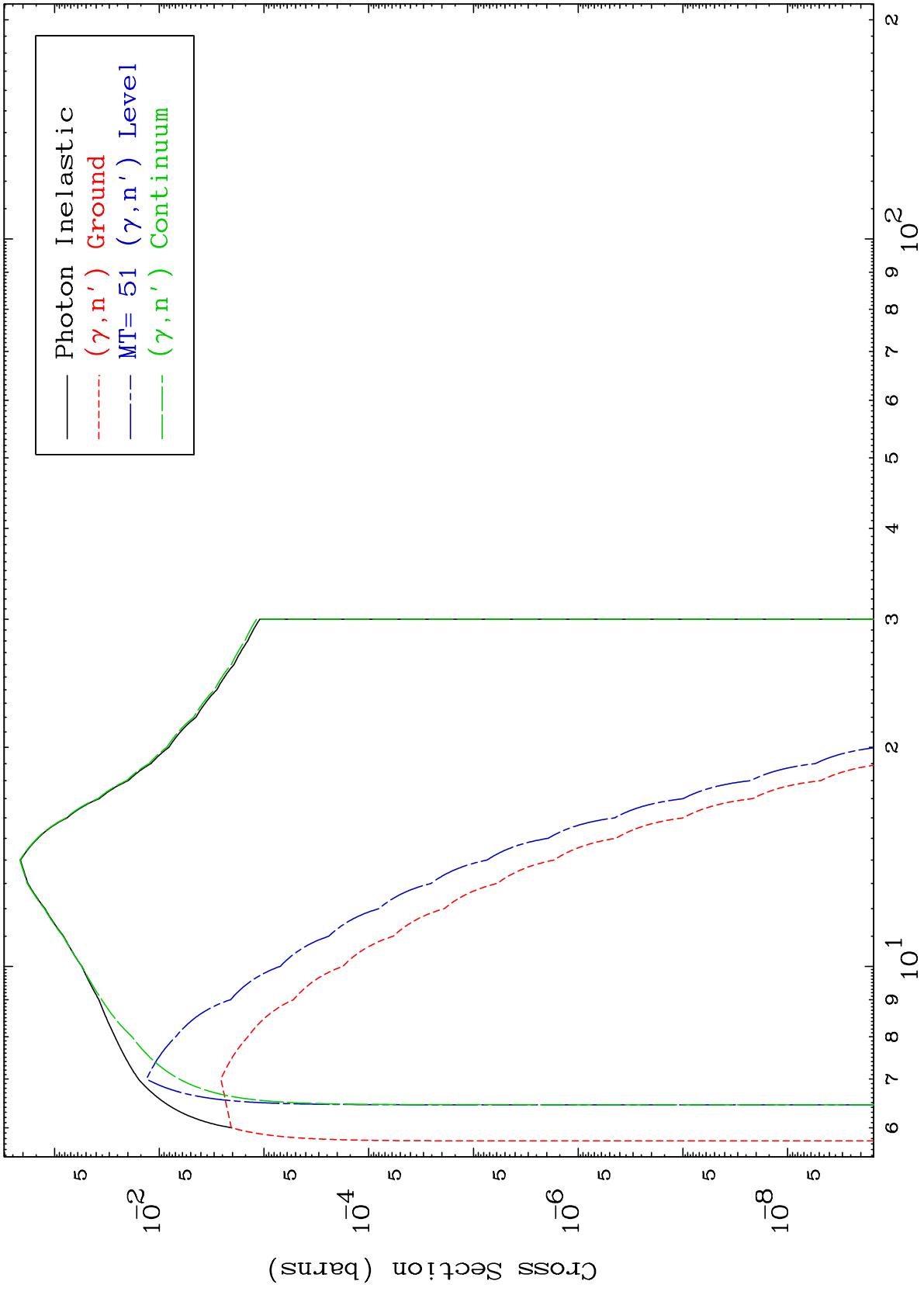
60-Nd-145

MAT 6034

(γ, n') Level

60-Nd-145

0 Kelvin Cross Sections



5

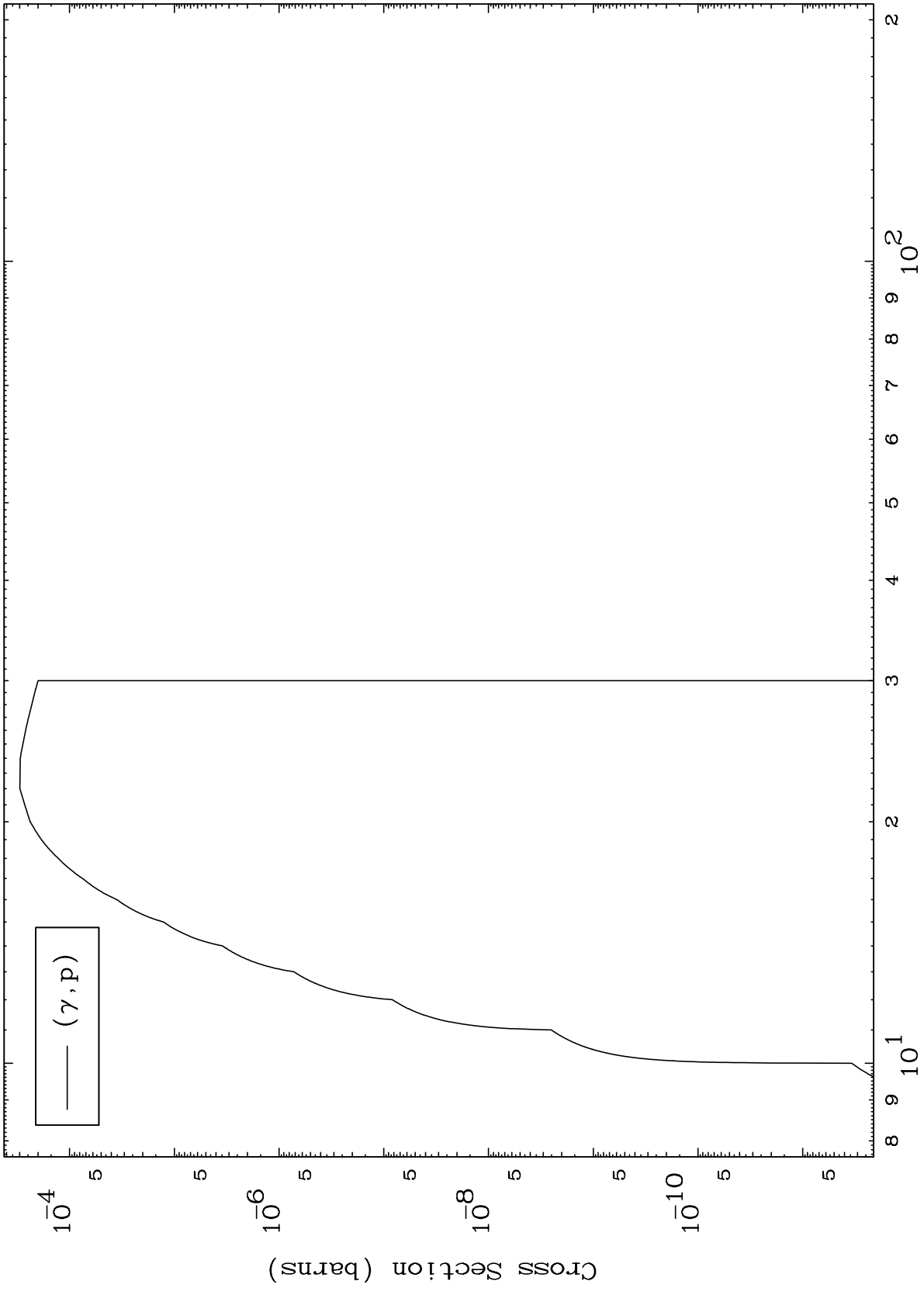
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-145



6

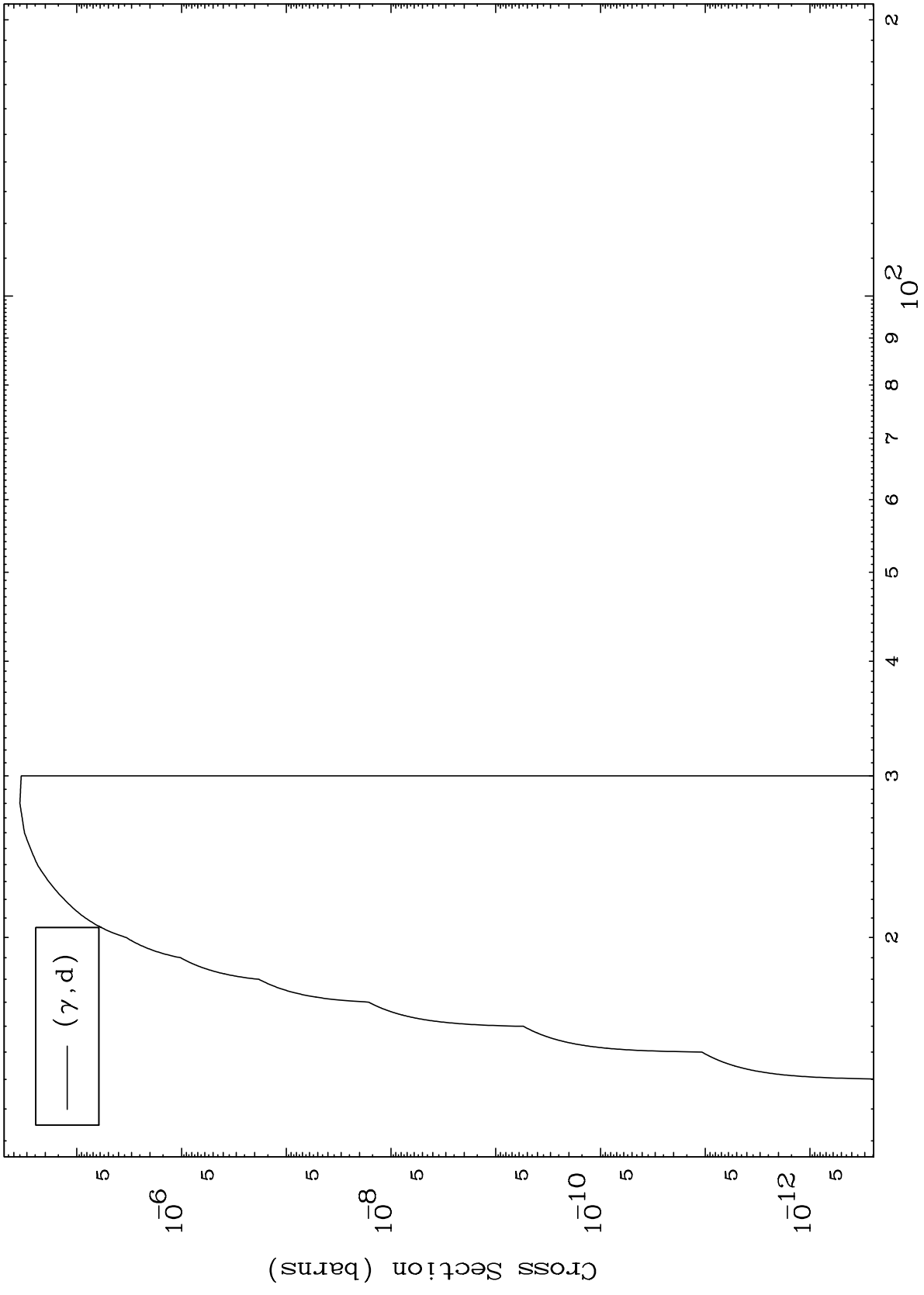
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-145



7

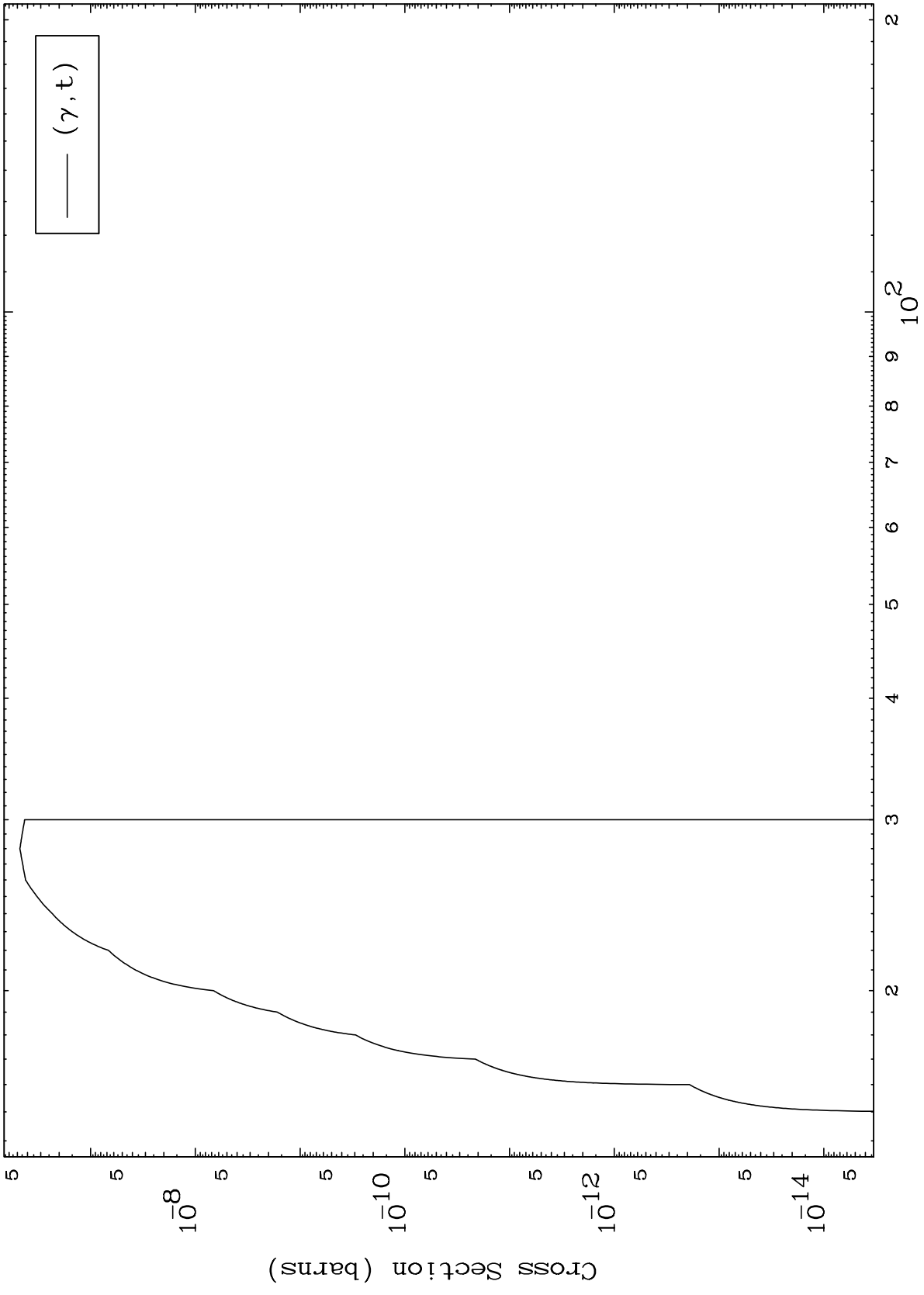
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-145



8

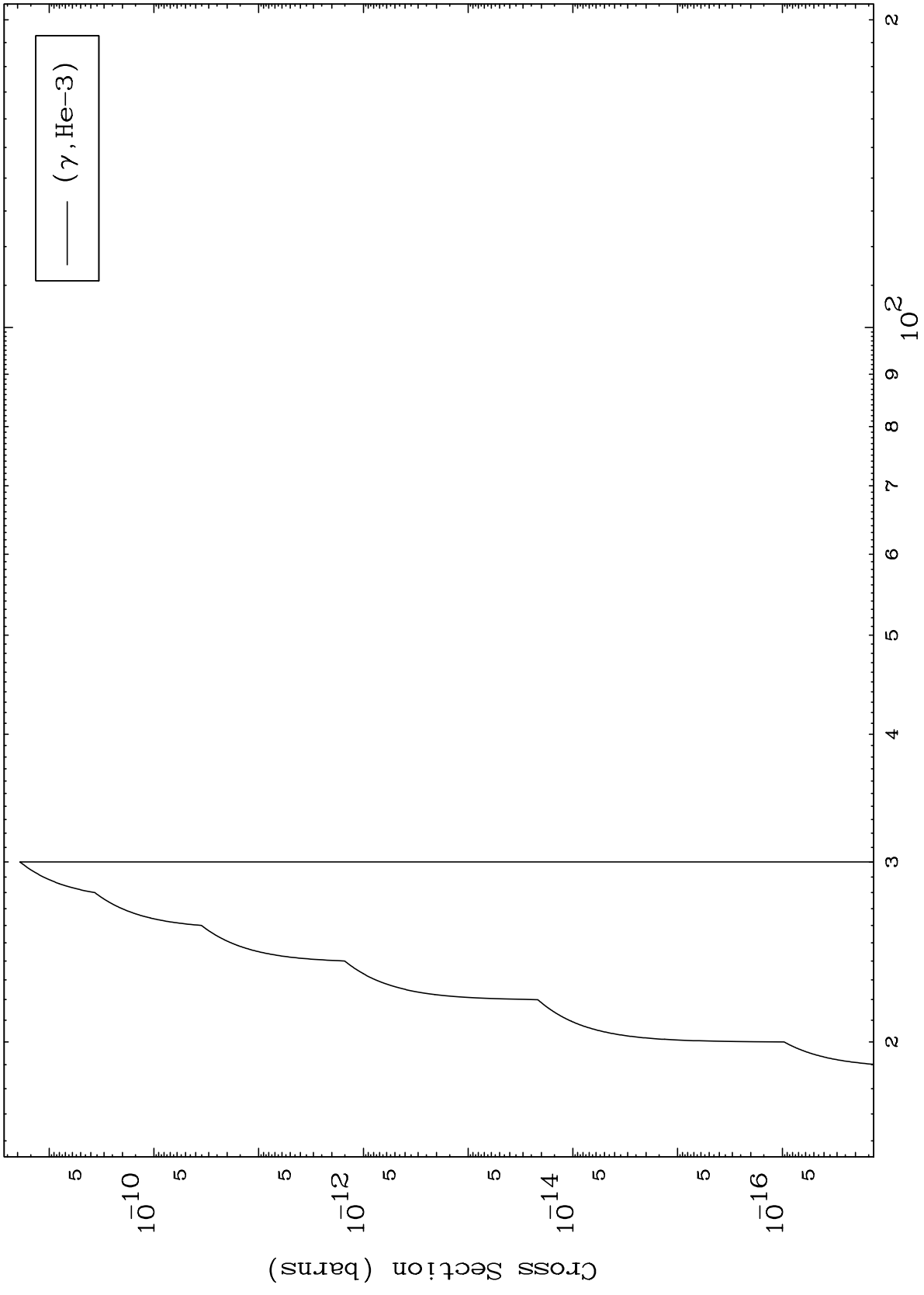
Incident Energy (MeV)

60-Nd-145

MAT 6034

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

60-Nd-145



9

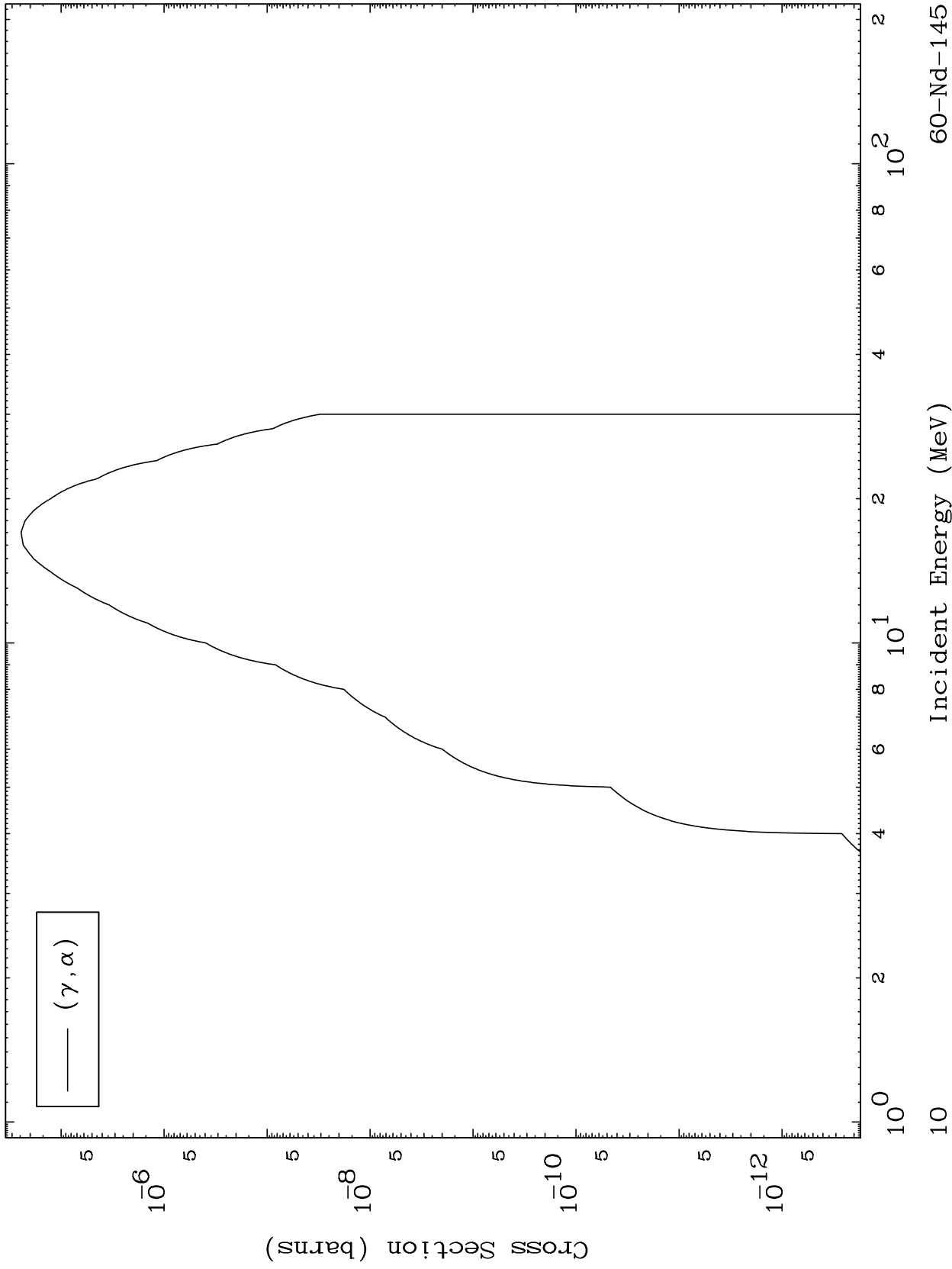
Incident Energy (MeV)

60-Nd-145

MAT 6034

(γ, α) Levels
0 Kelvin Cross Sections

60-Nd-145



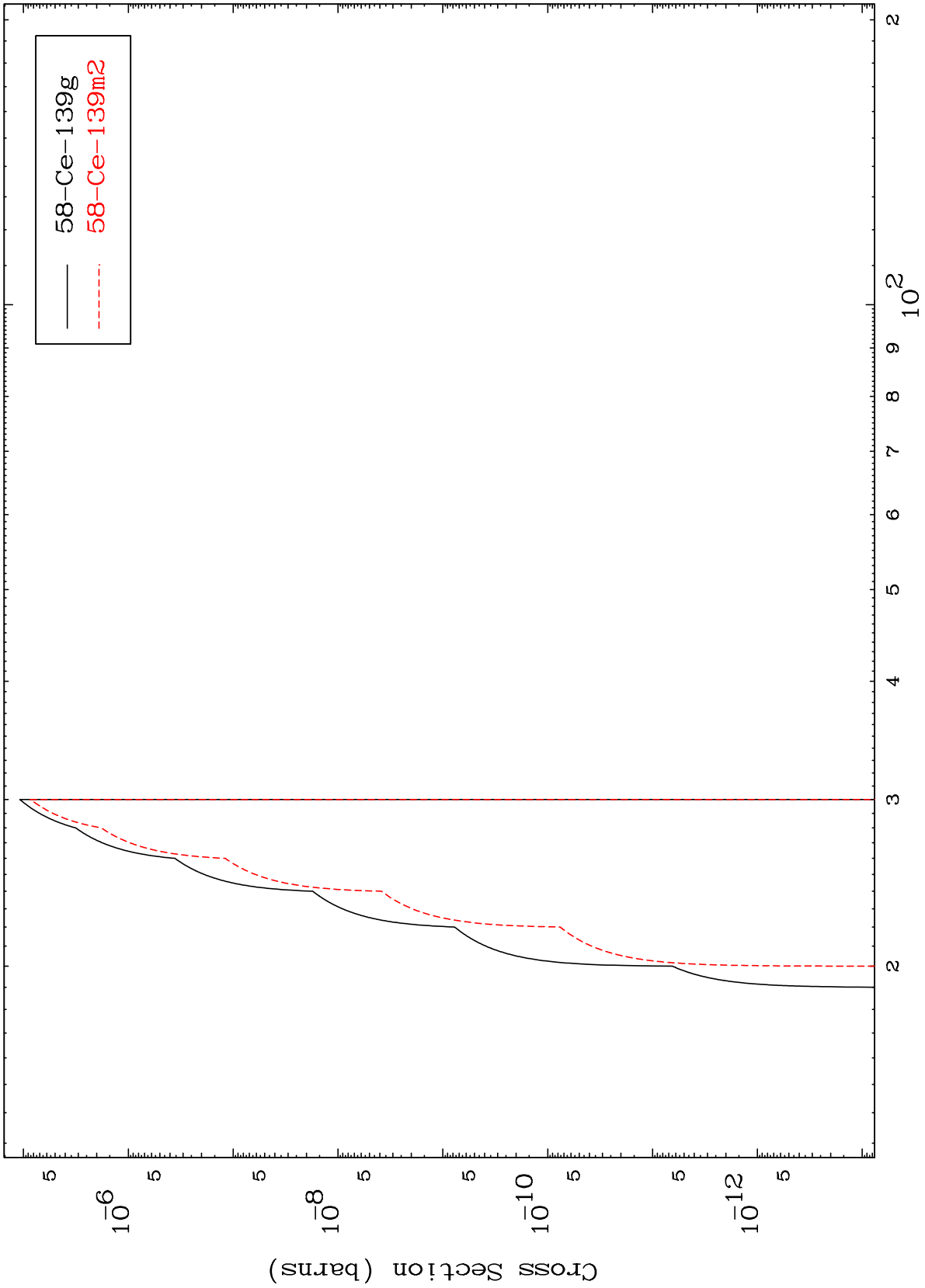
60-Nd-145

MAT 6034

$(\gamma, 2n) \alpha$

$^{60}\text{Nd}-145$

Radionuclide Production Cross Section



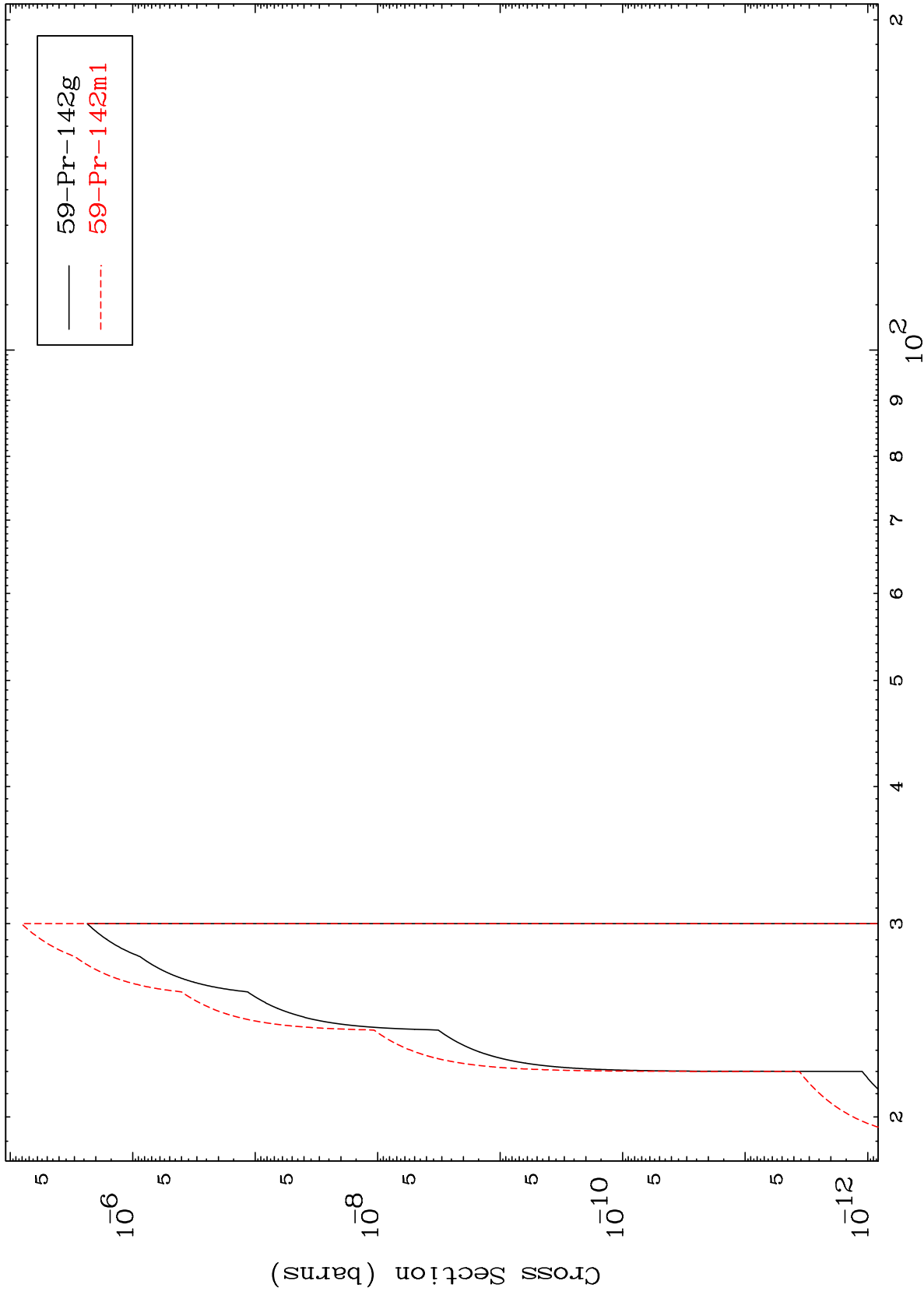
$^{60}\text{Nd}-145$

MAT 6034

(γ, n') d

$^{60}\text{Nd}-^{145}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

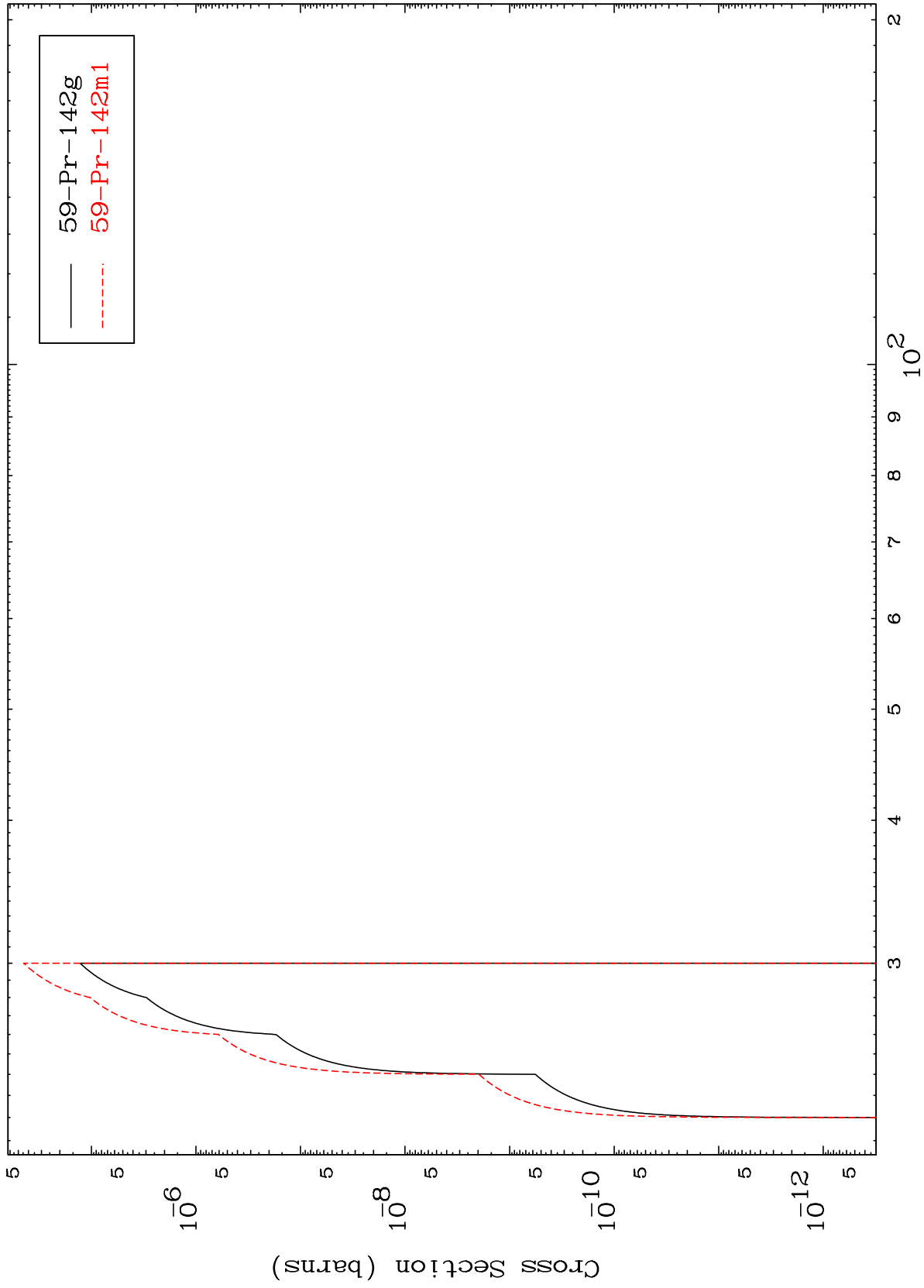
$^{60}\text{Nd}-^{145}$

MAT 6034

$(\gamma, 2n) p$

$^{60}\text{Nd}-145$

Radionuclide Production Cross Section



13

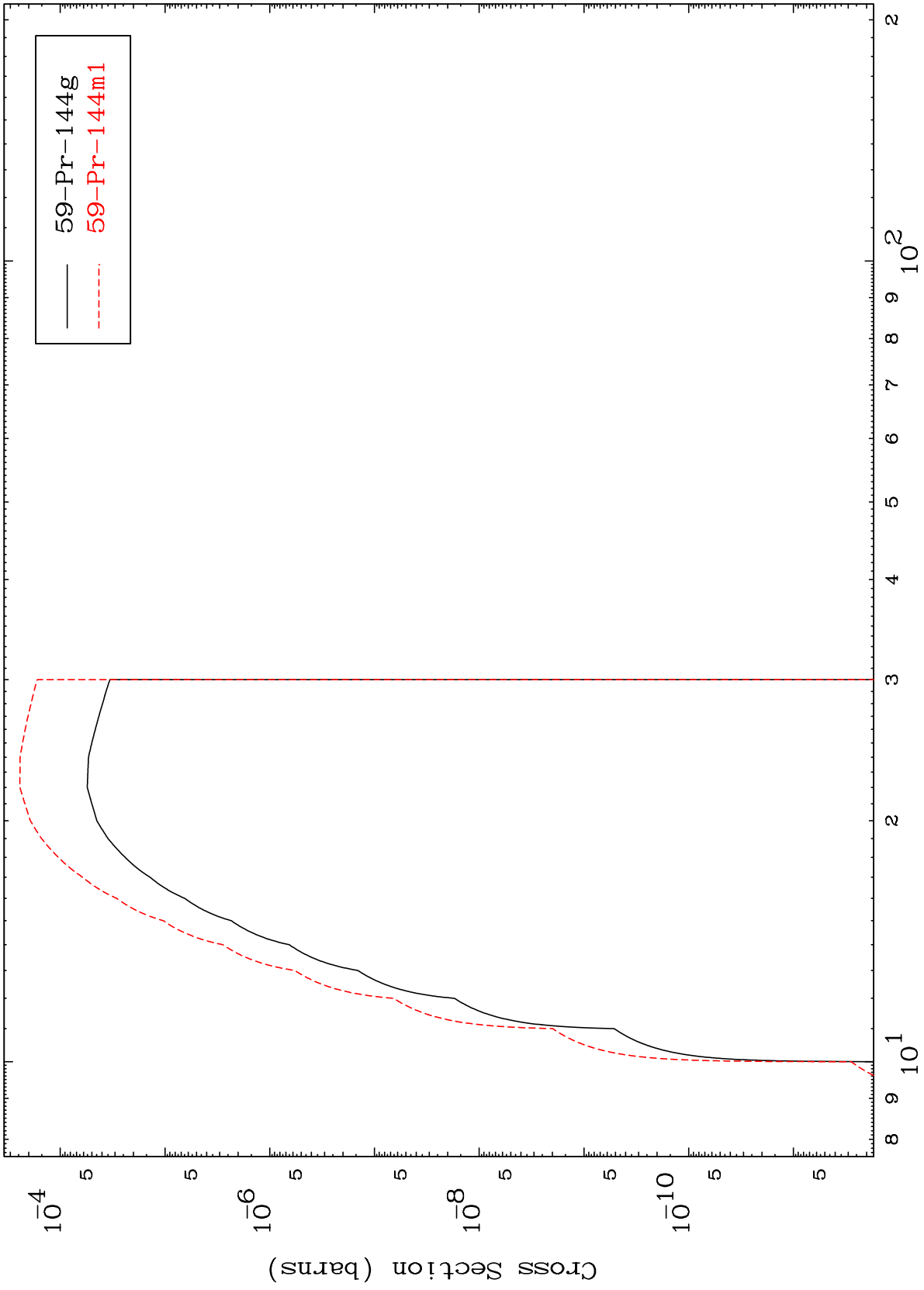
Incident Energy (MeV)

$^{60}\text{Nd}-145$

MAT 6034

60-Nd-145

Radionuclide Production Cross Section
(γ, p)



14

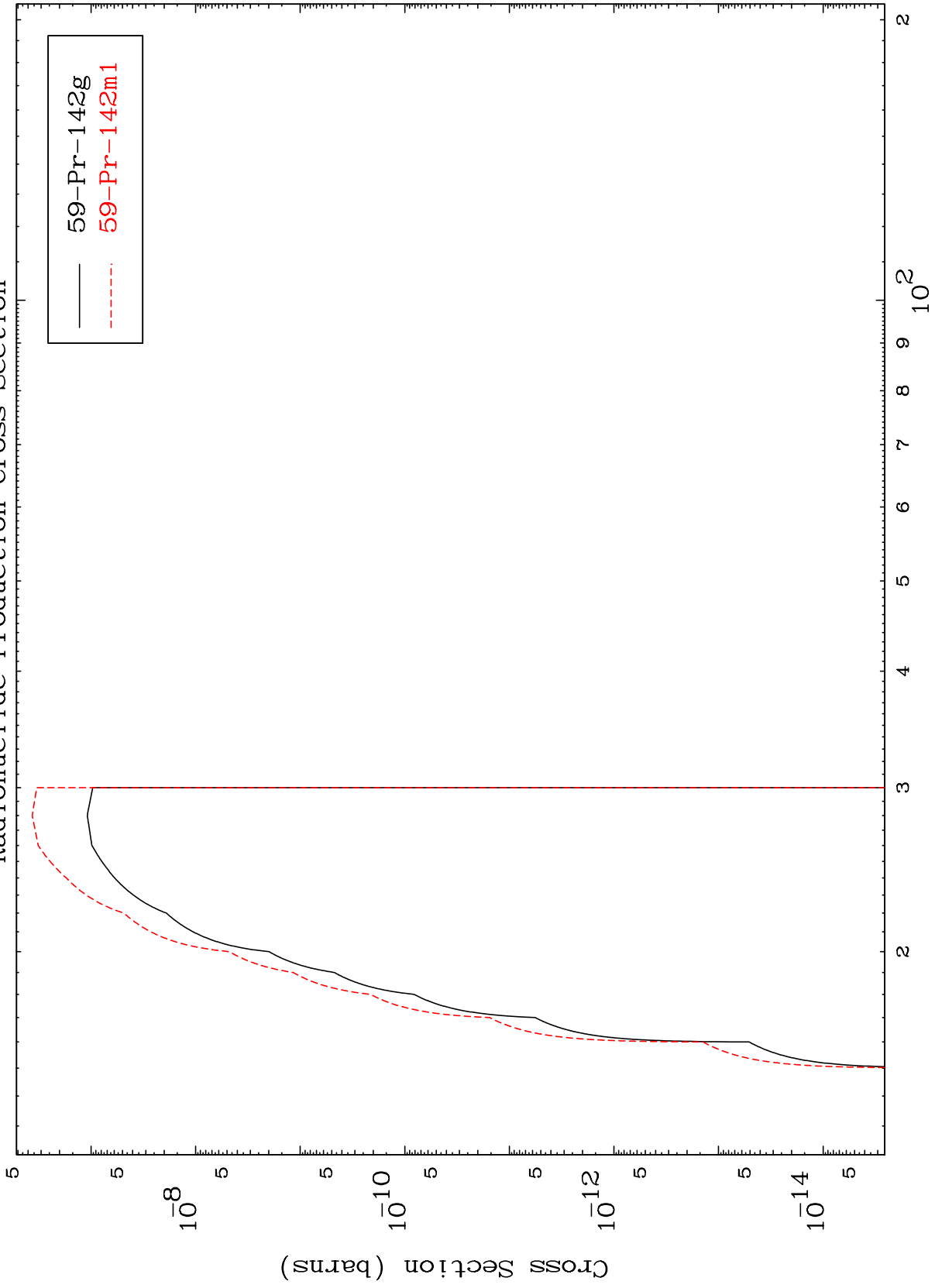
Incident Energy (MeV)

60-Nd-145

MAT 6034

60-Nd-145

(γ, t)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-145