

Program EVALPLOT
(Version 2018-1)

by

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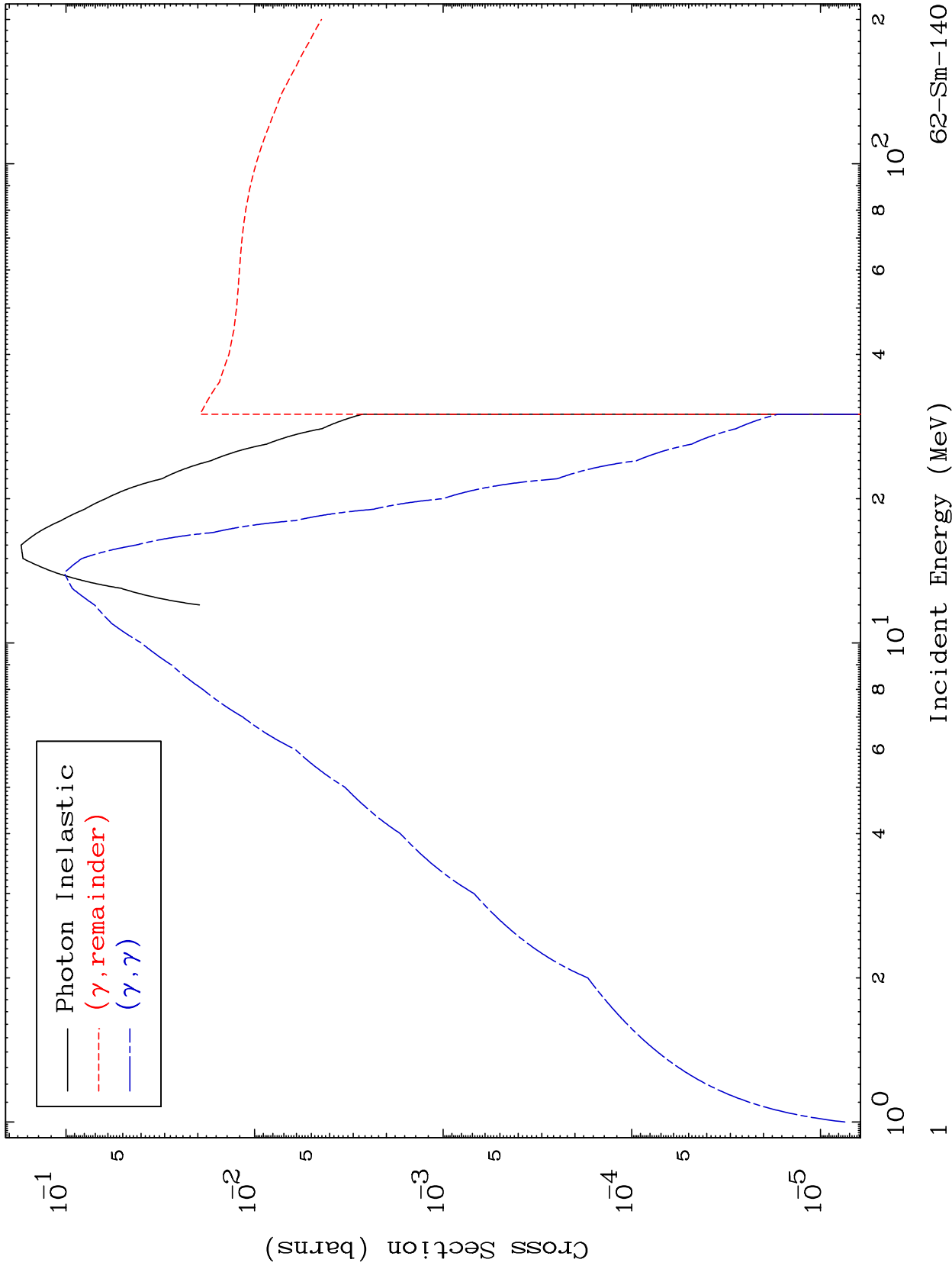
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6213

Photon Major
0 Kelvin Cross Sections

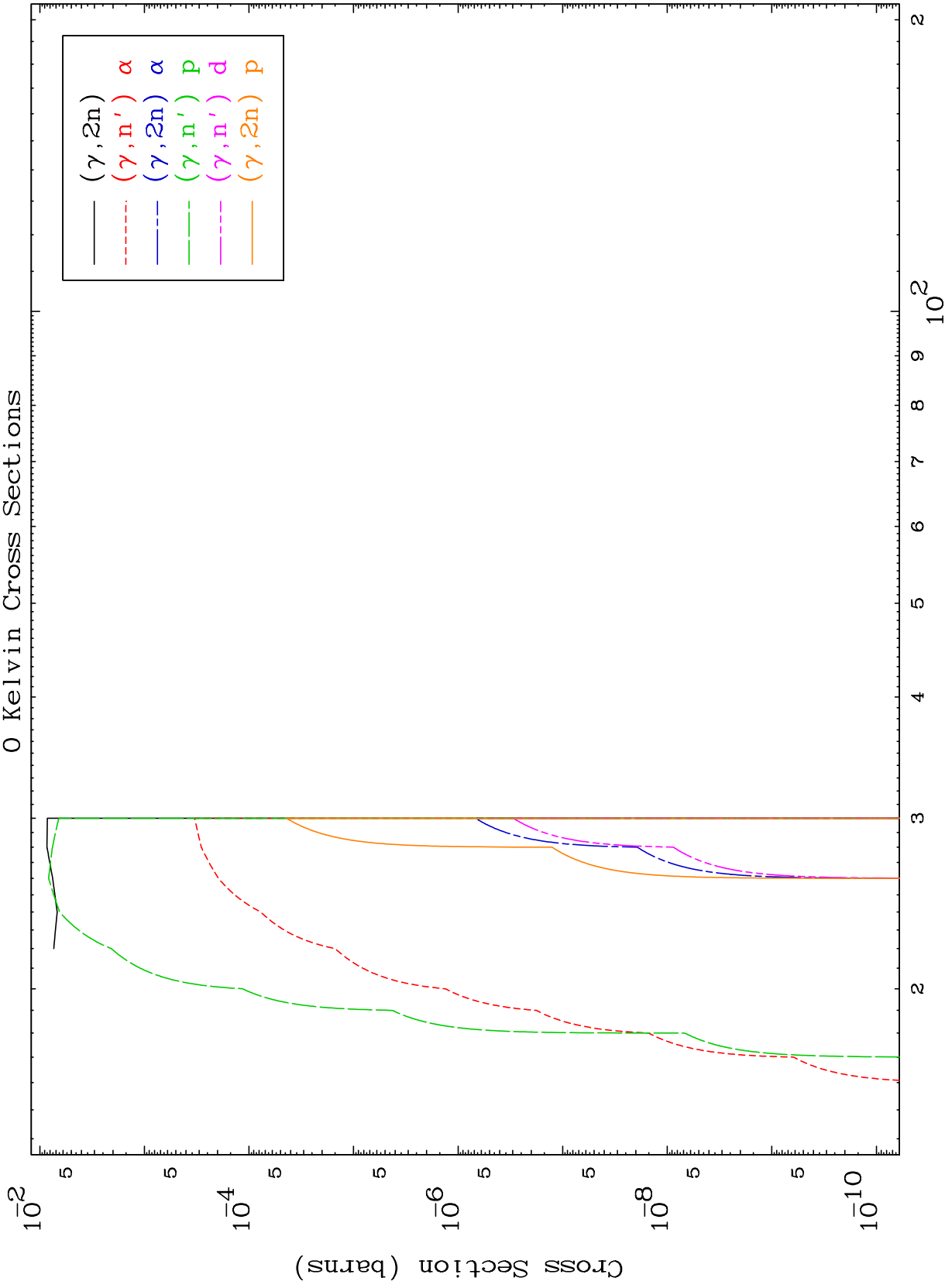
62-Sm-140



MAT 6213

Photon Neutron Production
0 Kelvin Cross Sections

62-Sm-140



2

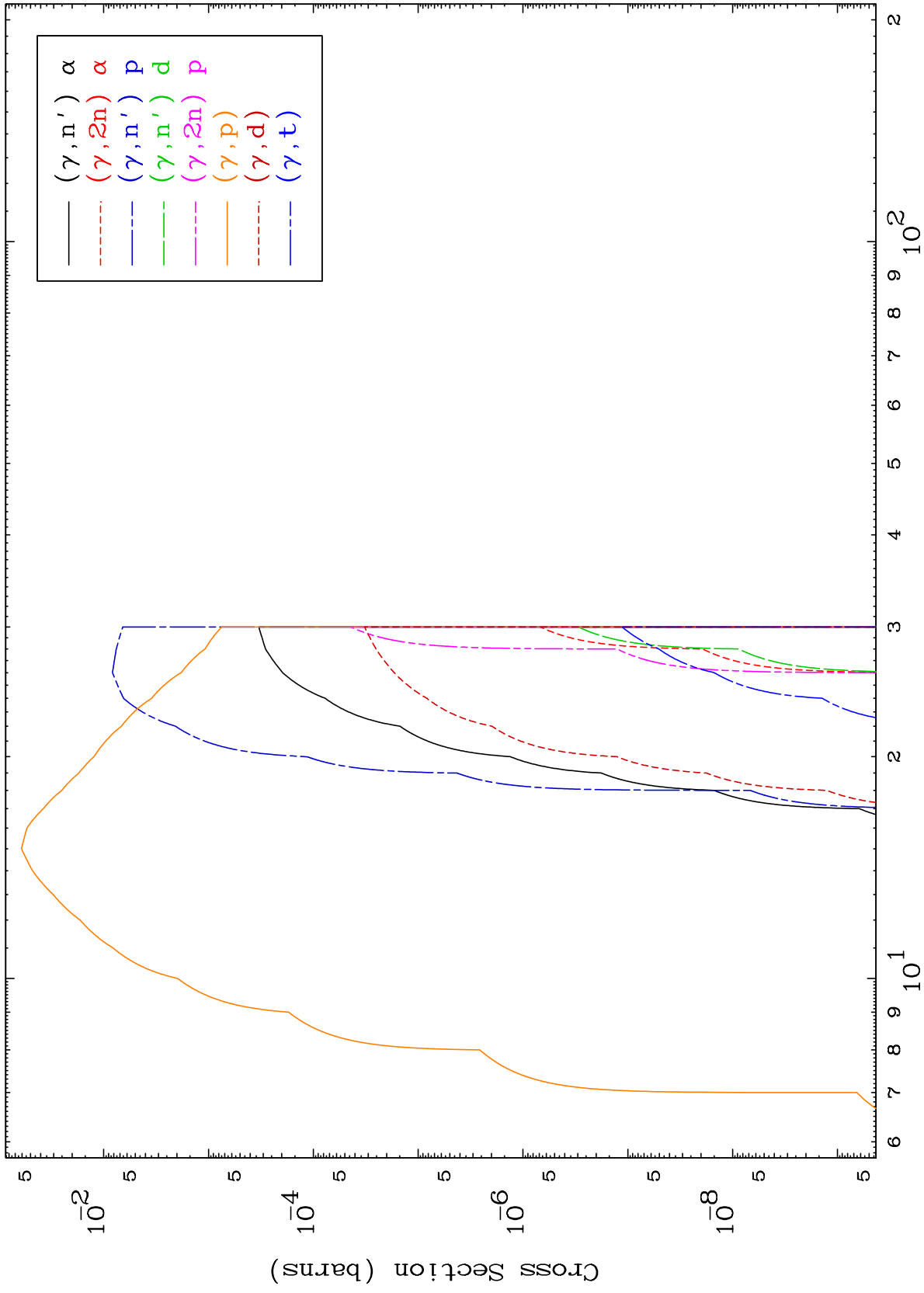
Incident Energy (MeV)

62-Sm-140

MAT 6213

Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-140



3

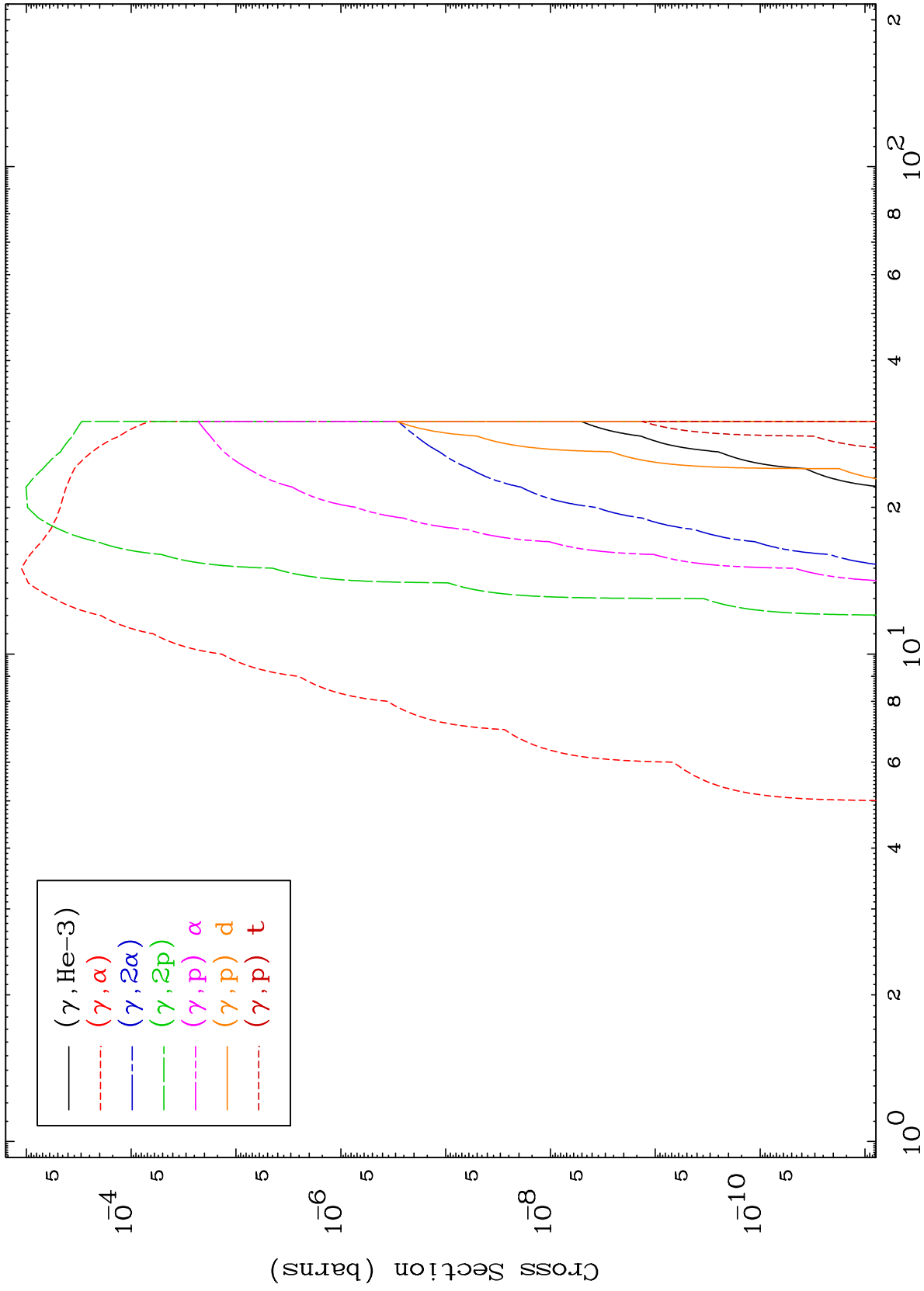
Incident Energy (MeV)

62-Sm-140

MAT 6213

Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-140



62-Sm-140

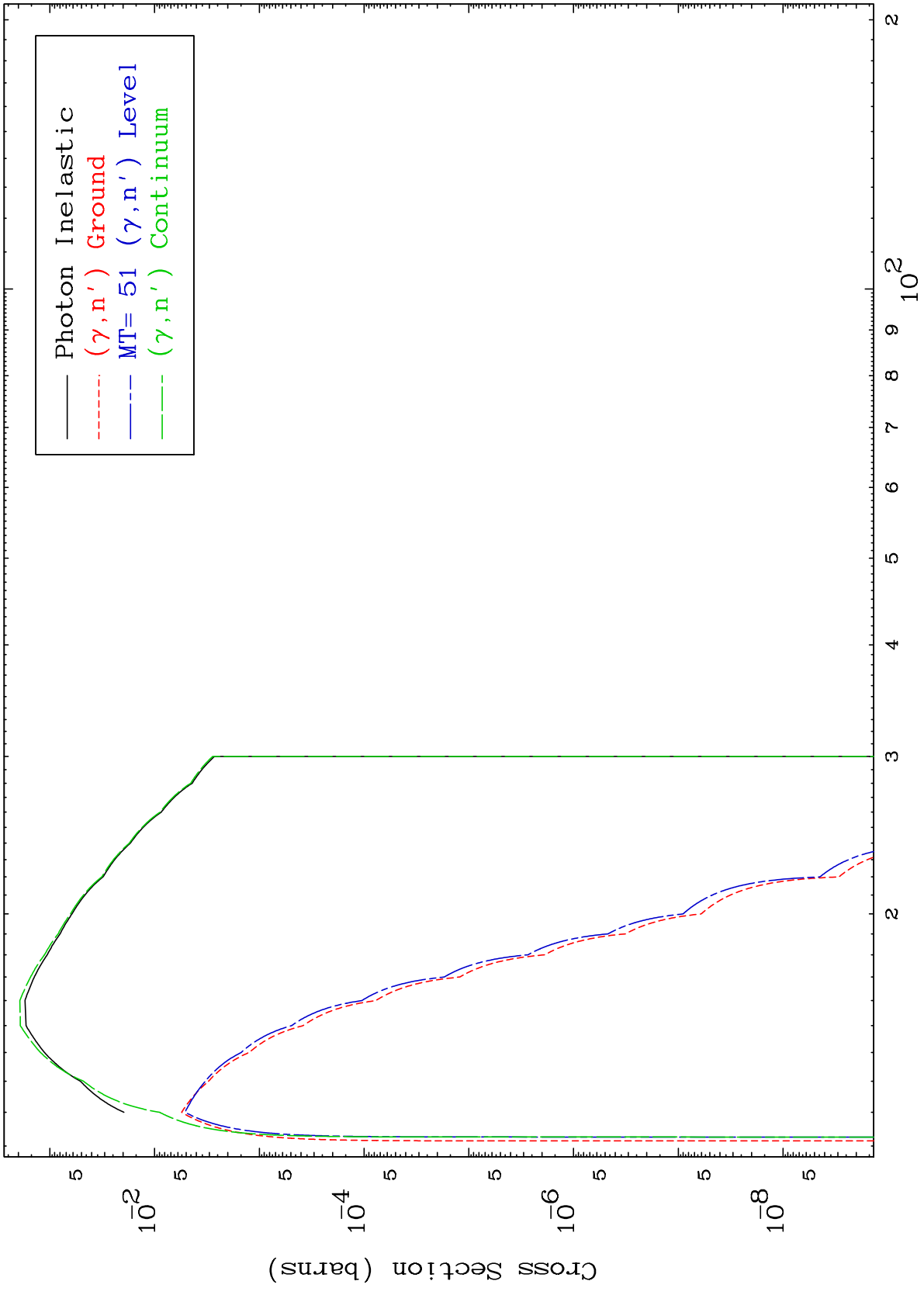
Incident Energy (MeV)

4

MAT 6213

(γ, n') Level
0 Kelvin Cross Sections

62-Sm-140



5

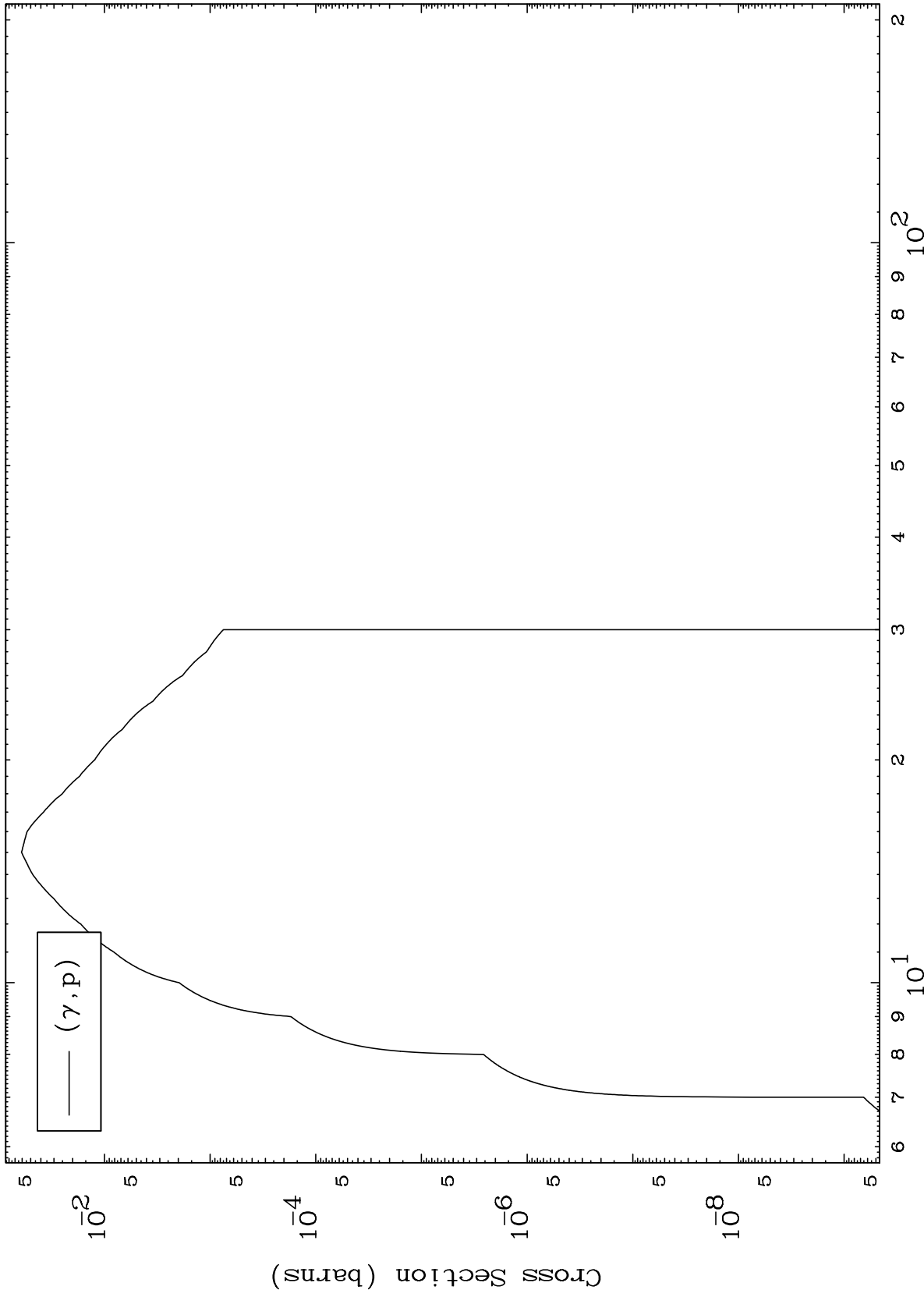
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

(γ, p) Levels
0 Kelvin Cross Sections



6

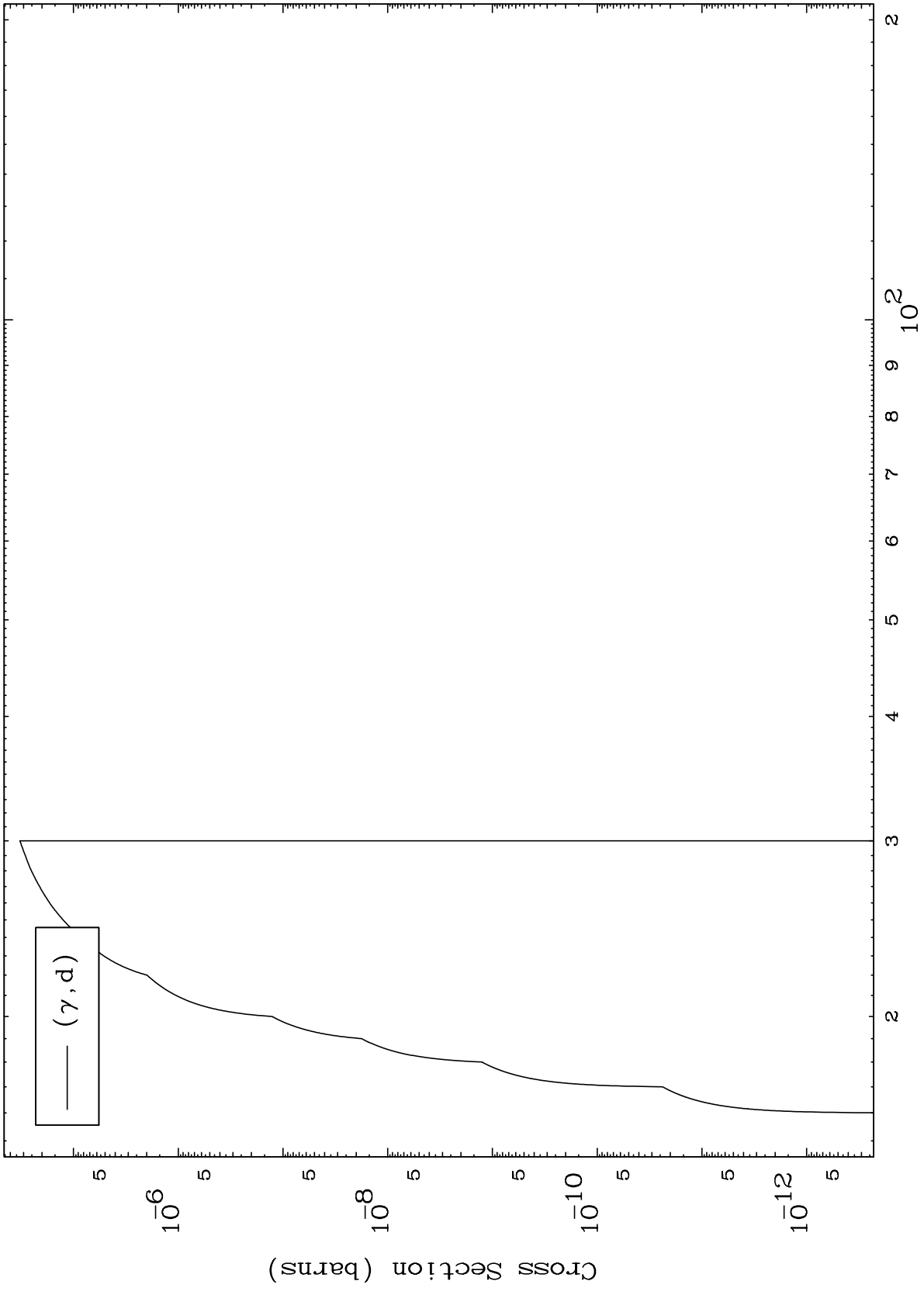
Incident Energy (MeV)

62-Sm-140

MAT 6213

(γ, d) Levels
0 Kelvin Cross Sections

62-Sm-140



7

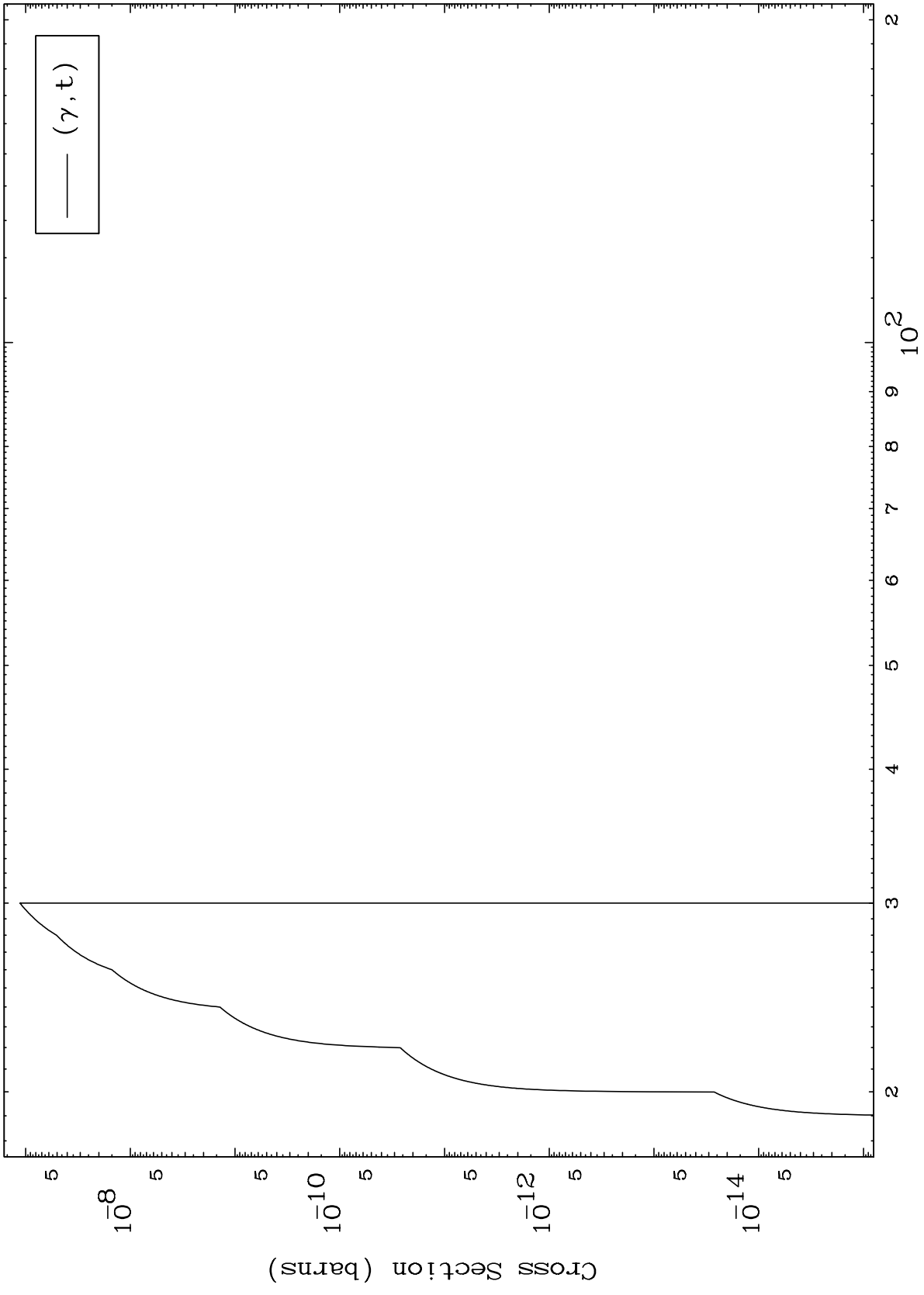
Incident Energy (MeV)

62-Sm-140

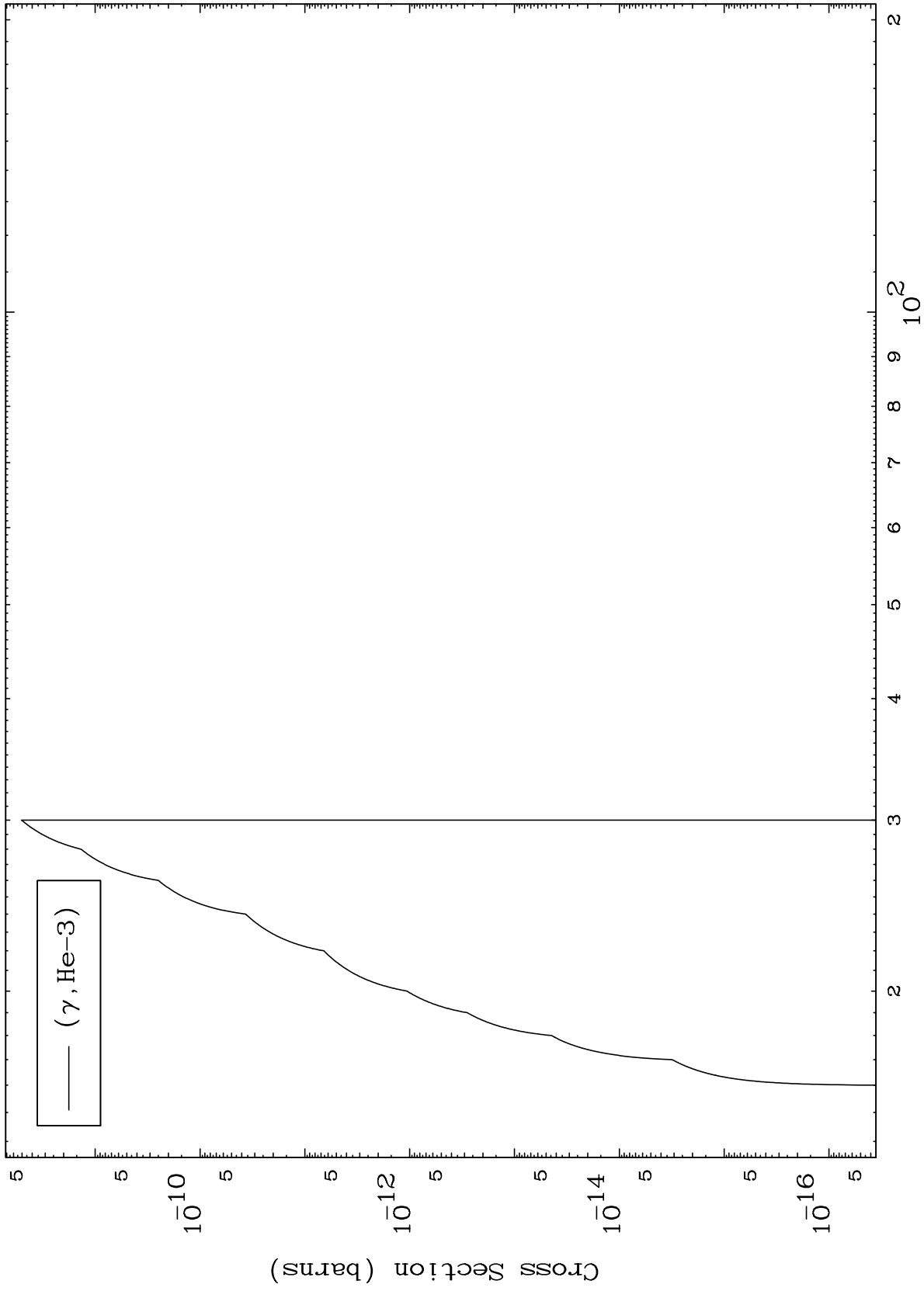
MAT 6213

(γ, t) Levels
0 Kelvin Cross Sections

62-Sm-140



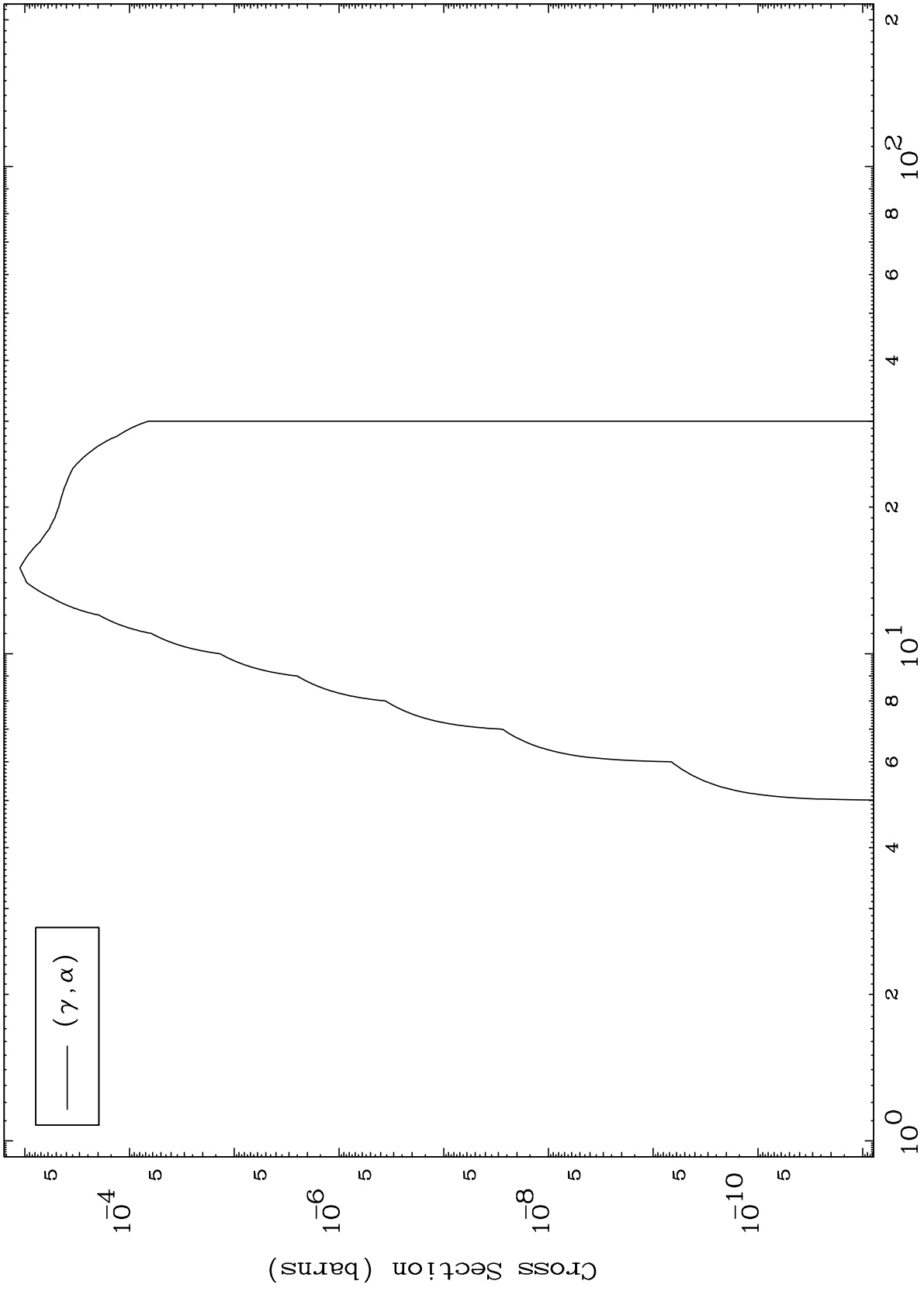
8



MAT 6213

(γ, α) Levels
0 Kelvin Cross Sections

62-Sm-140



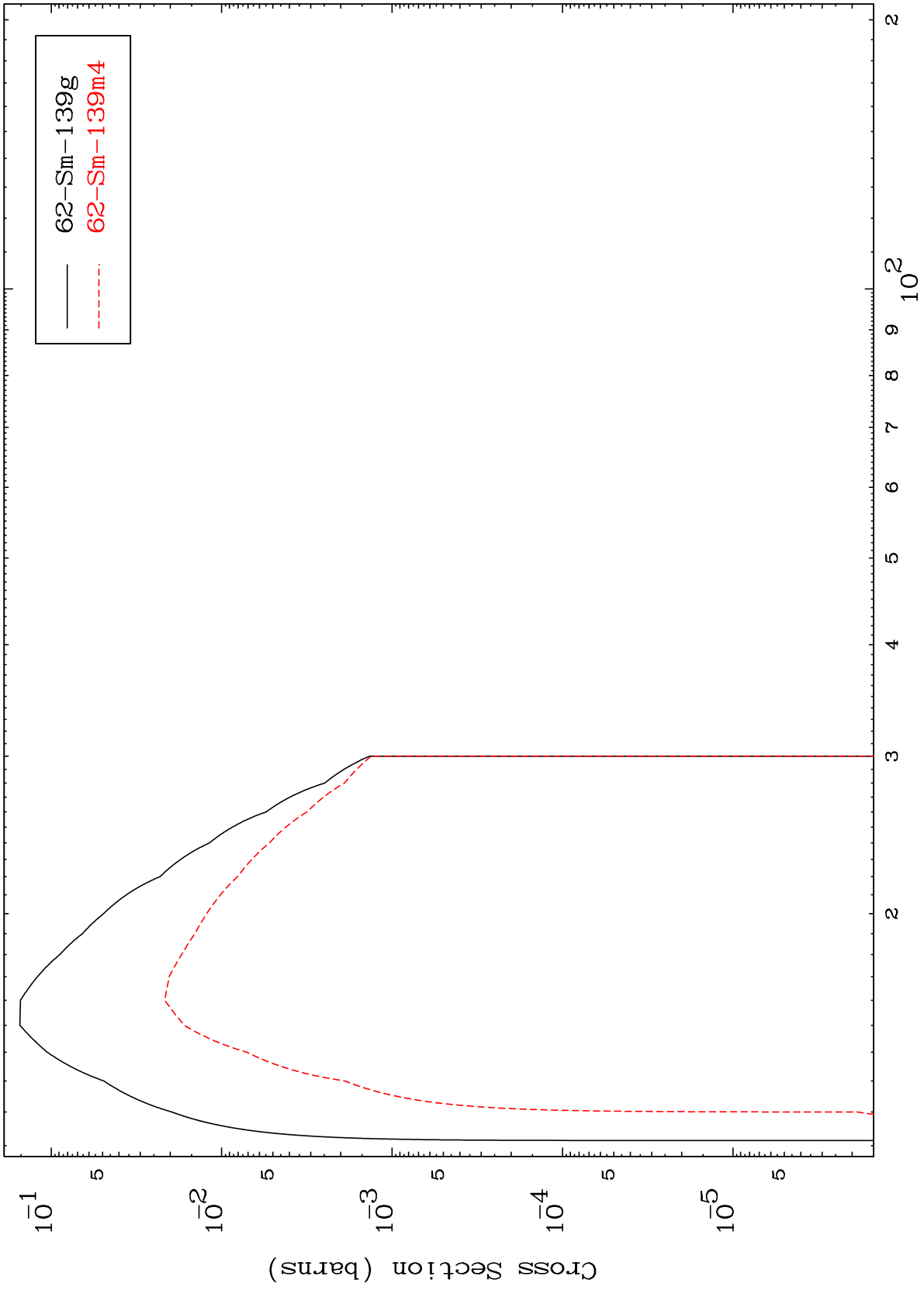
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

Photon Inelastic
Radionuclide Production Cross Section



11

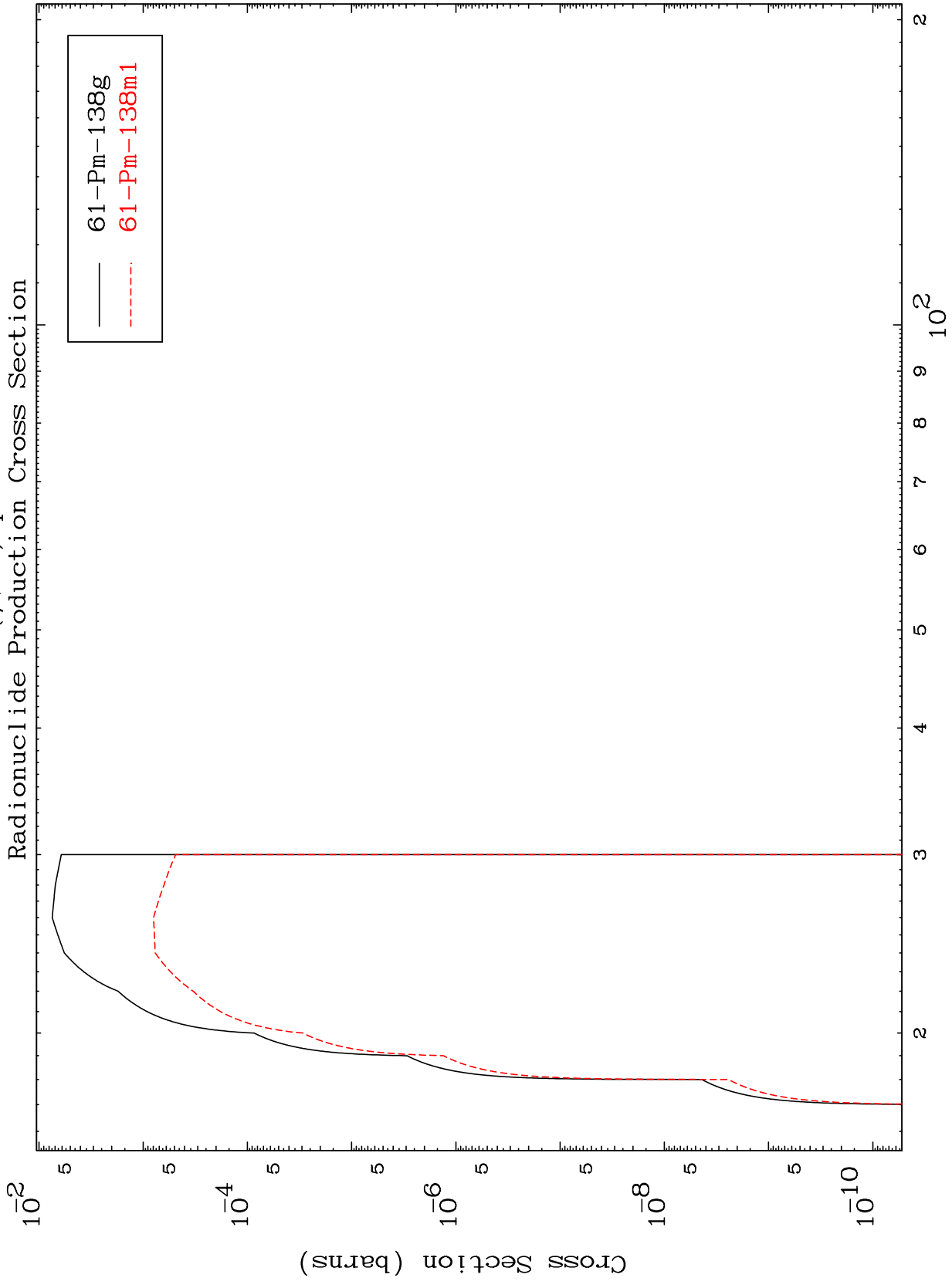
Incident Energy (MeV)

62-Sm-140

MAT 6213

(γ, n') p

62-Sm-140



62-Sm-140

Incident Energy (MeV)

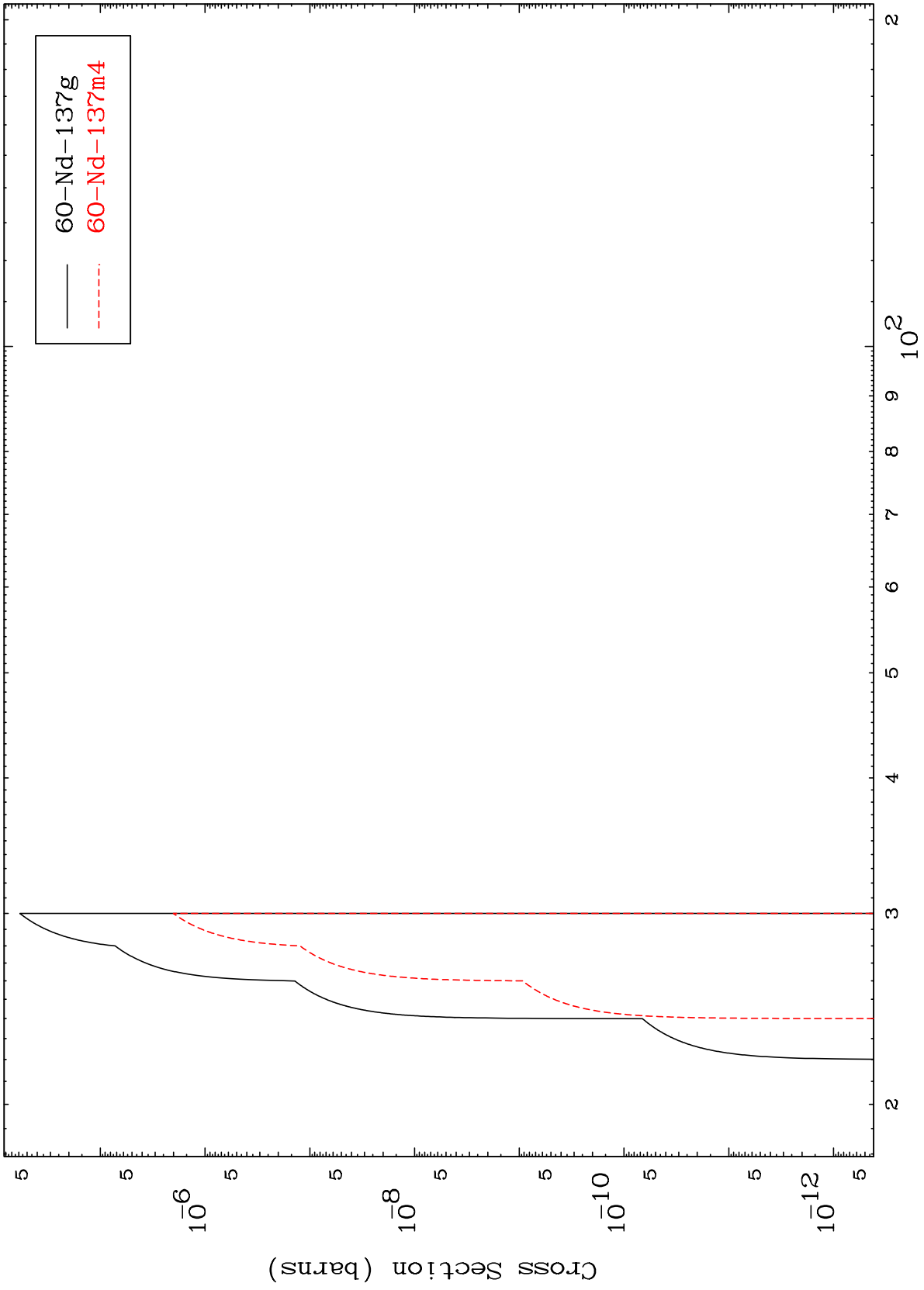
12

MAT 6213

($\gamma, 2n$) p

62-Sm-140

Radionuclide Production Cross Section



13

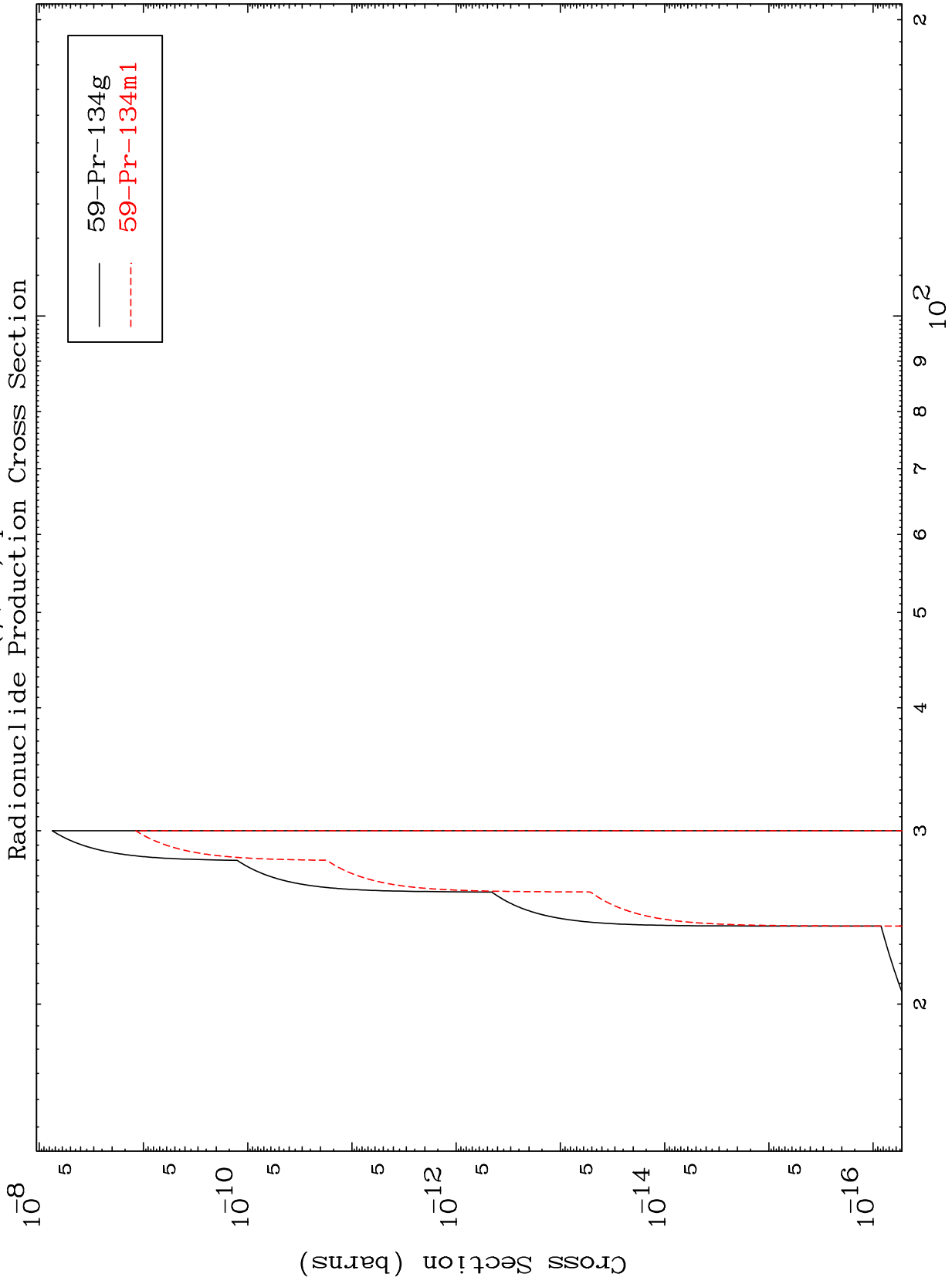
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

(γ, n') p α
Radionuclide Production Cross Section



14

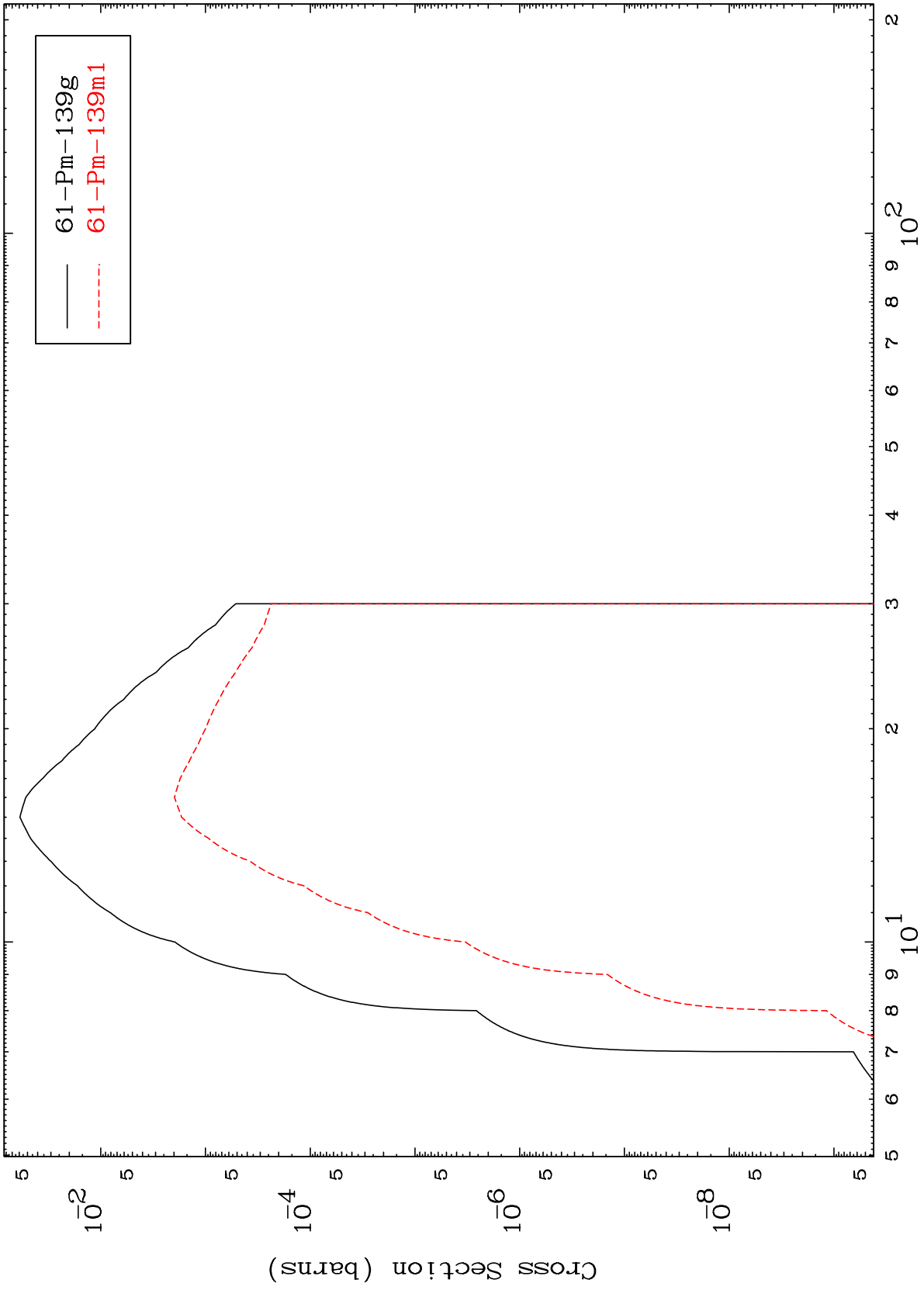
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

Radionuclide Production Cross Section
(γ, p)



15

Incident Energy (MeV)

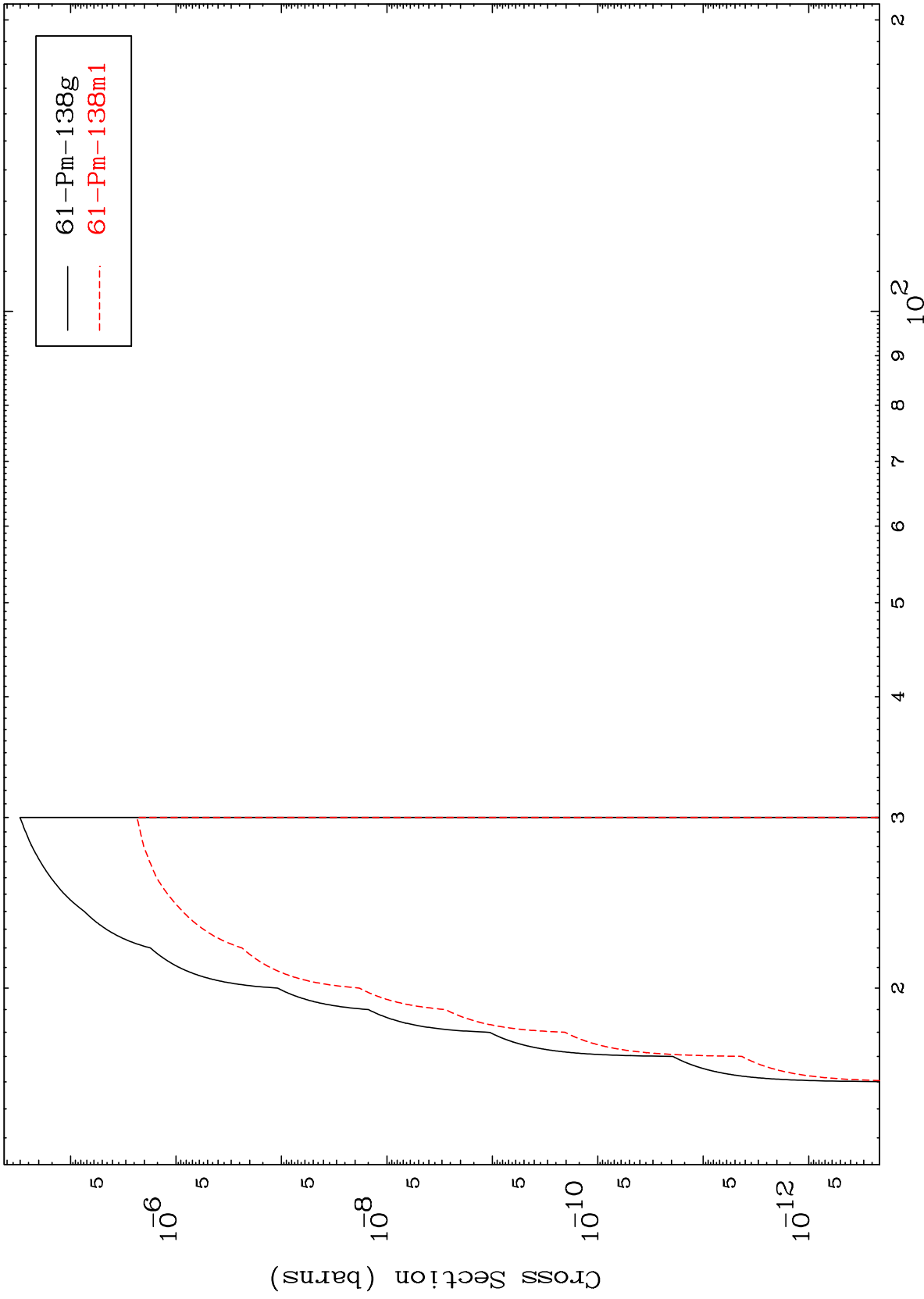
62-Sm-140

MAT 6213

(γ, d)

62-Sm-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

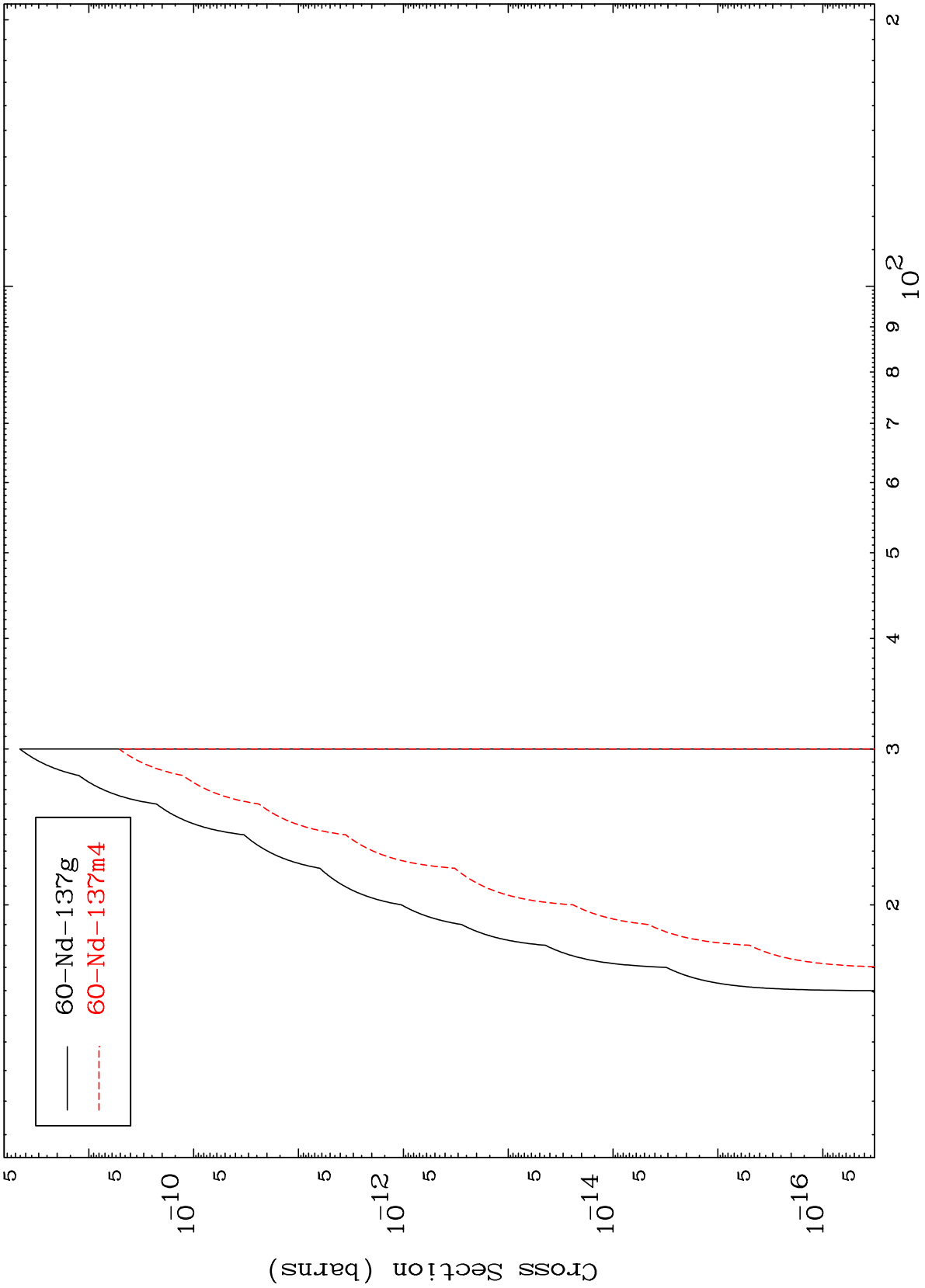
62-Sm-140

MAT 6213

($\gamma, \text{He-3}$)

62-Sm-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

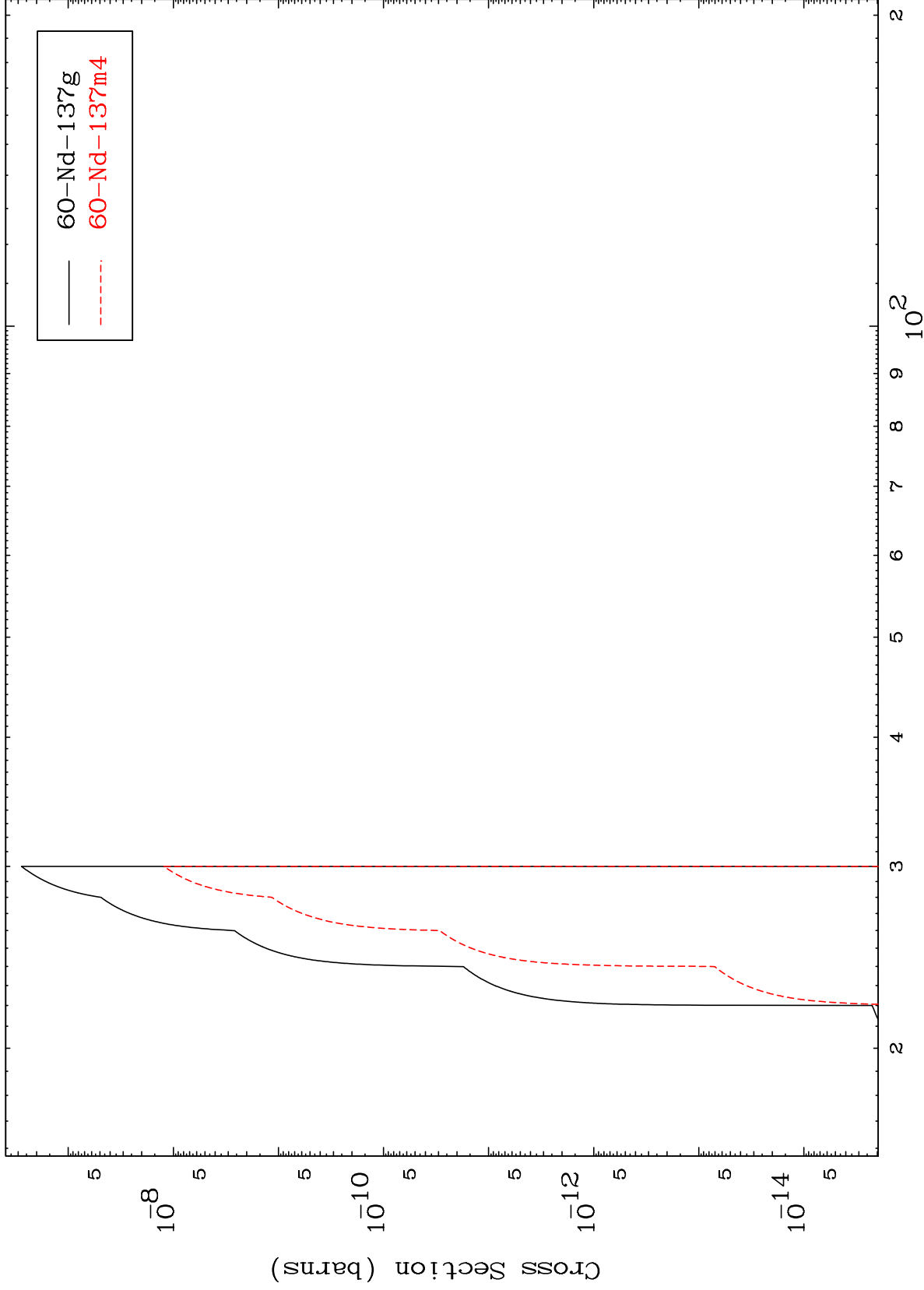
62-Sm-140

MAT 6213

(γ, p) d

62-Sm-140

Radionuclide Production Cross Section



18

Incident Energy (MeV)

62-Sm-140