

Program EVALPLOT
(Version 2018-1)

by

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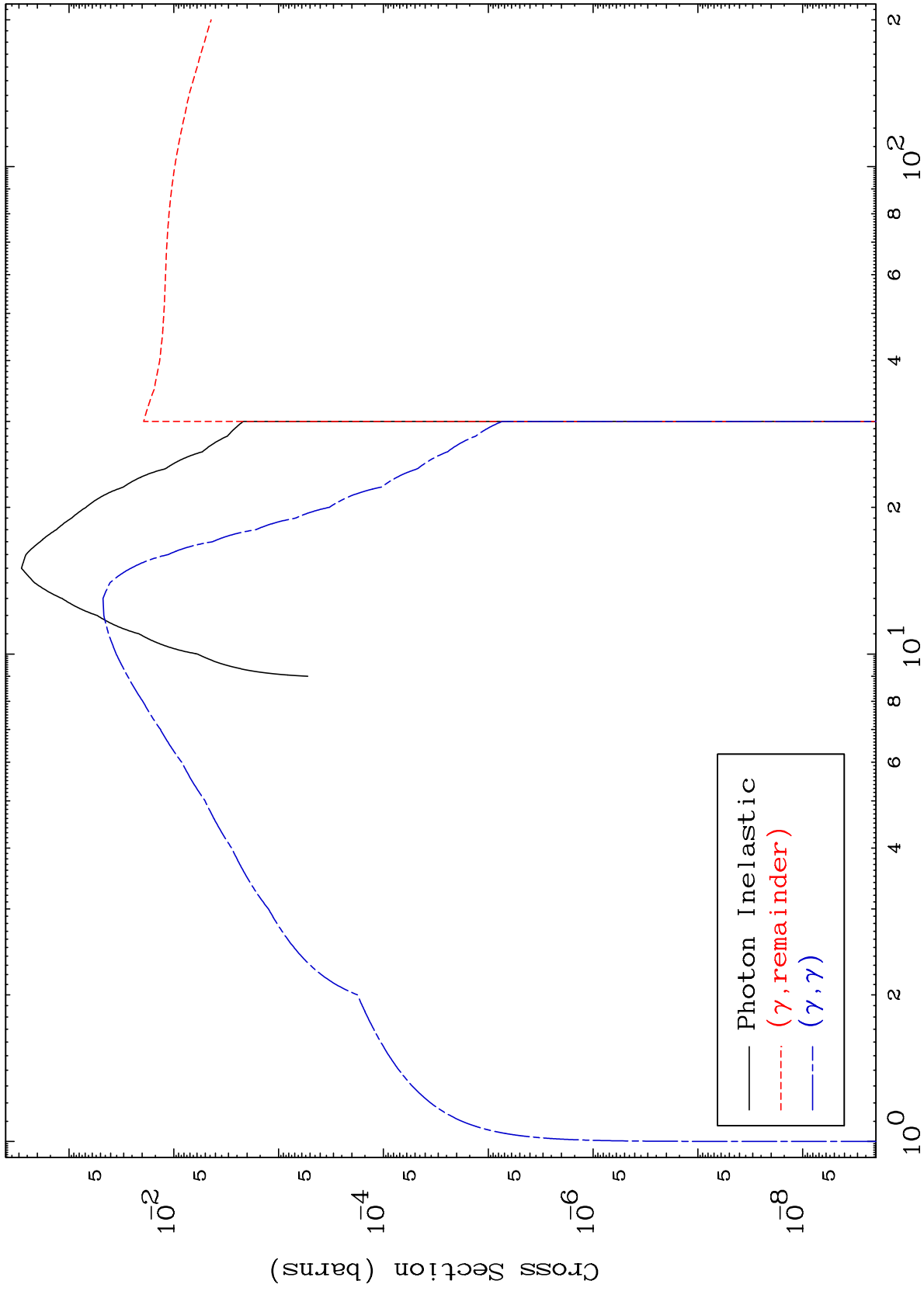
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6129

Photon Major
0 Kelvin Cross Sections

61-Pm-140

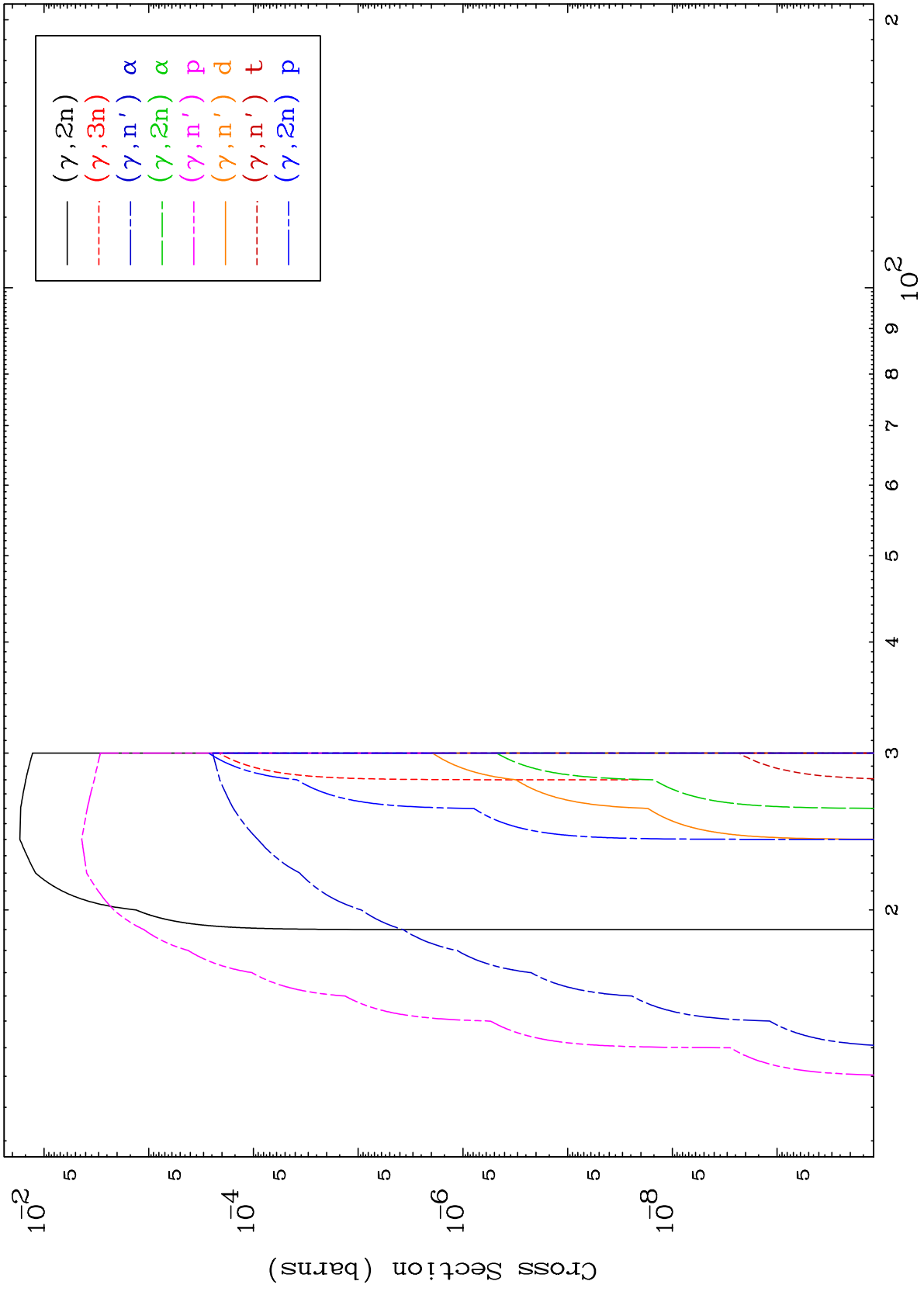


61-Pm-140

MAT 6129

Photon Neutron Production
0 Kelvin Cross Sections

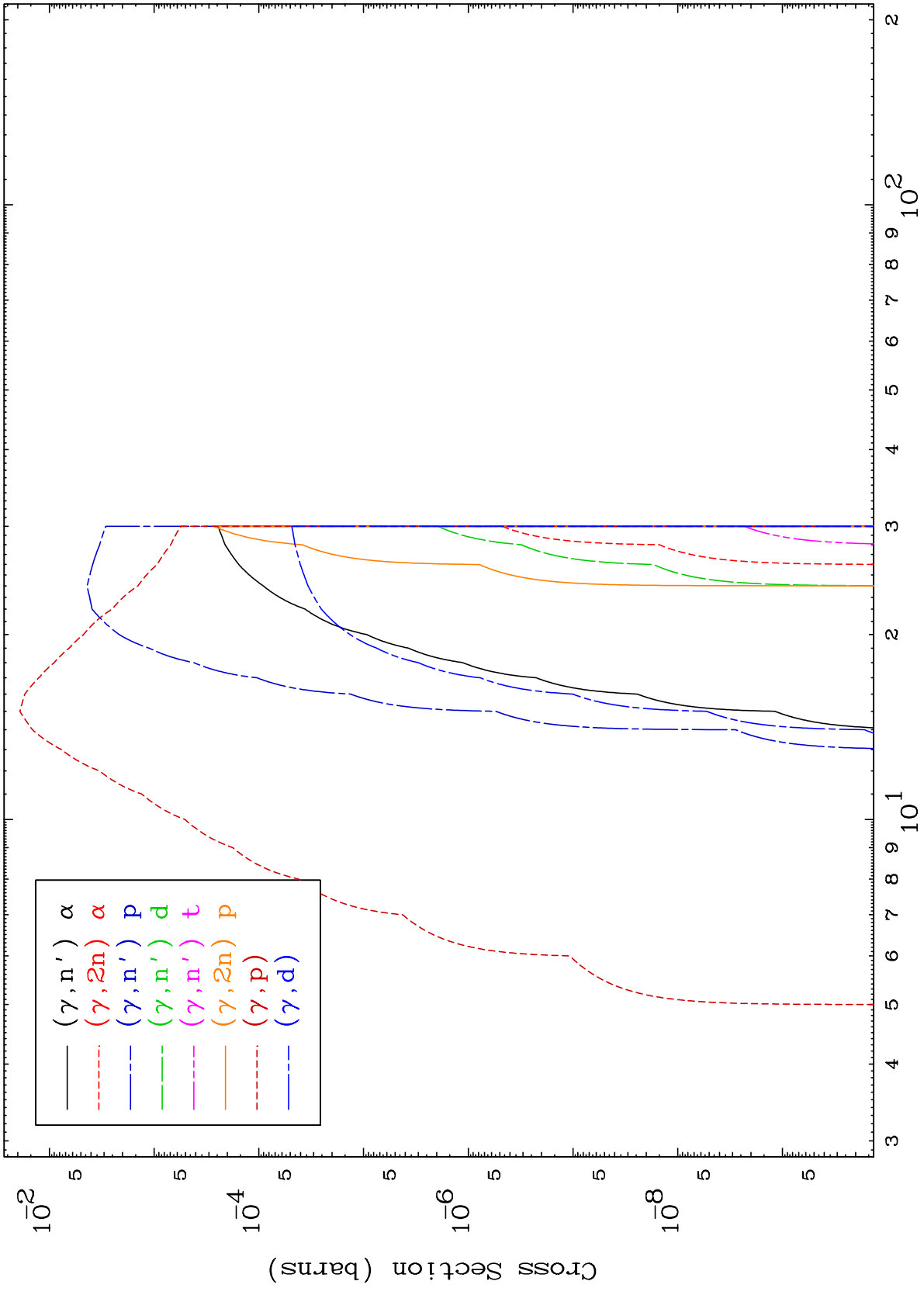
61-Pm-140



2

Incident Energy (MeV)

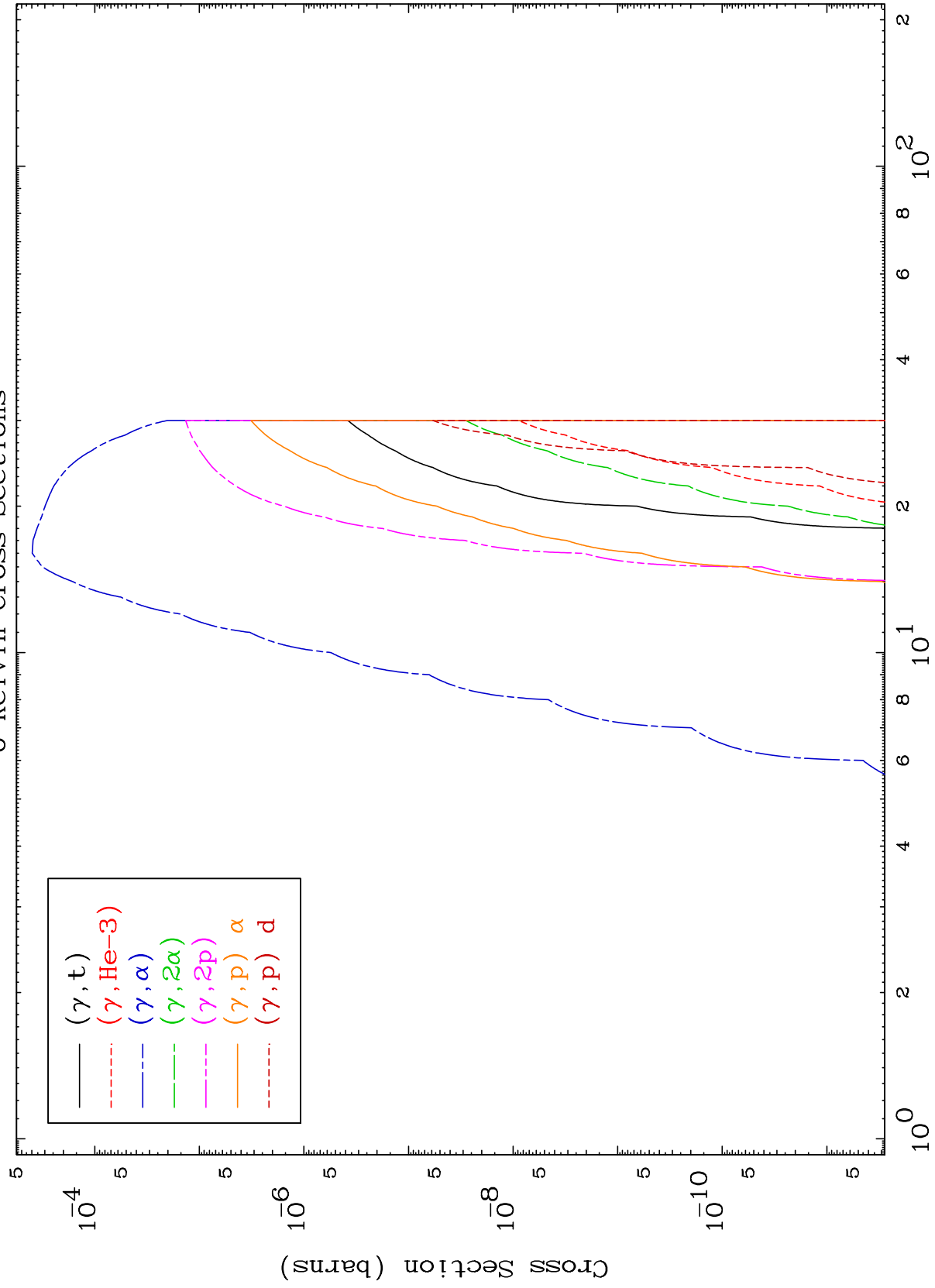
61-Pm-140



MAT 6129

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-140



61-Pm-140

Incident Energy (MeV)

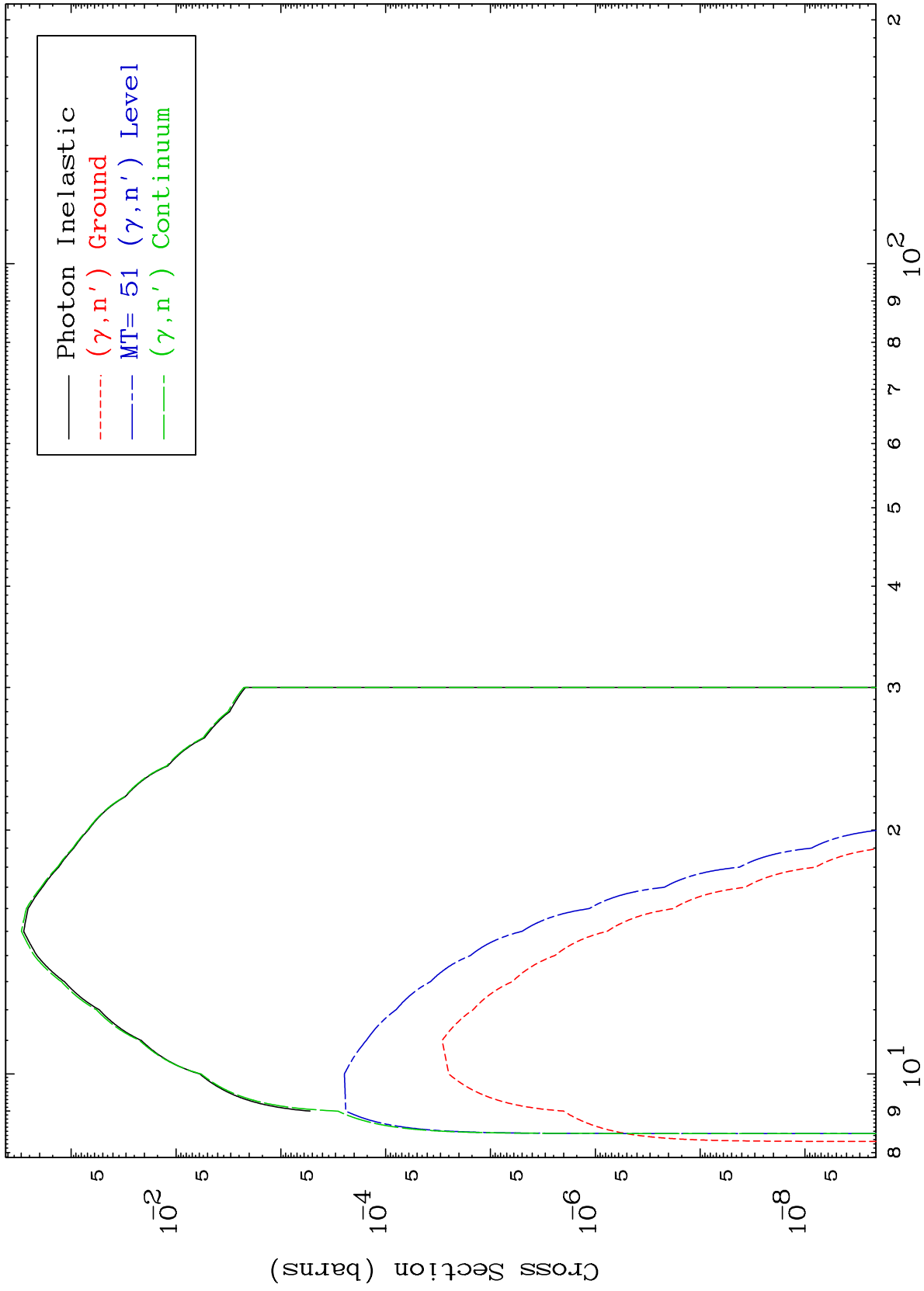
4

MAT 6129

(γ, n') Level

61-Pm-140

0 Kelvin Cross Sections



5

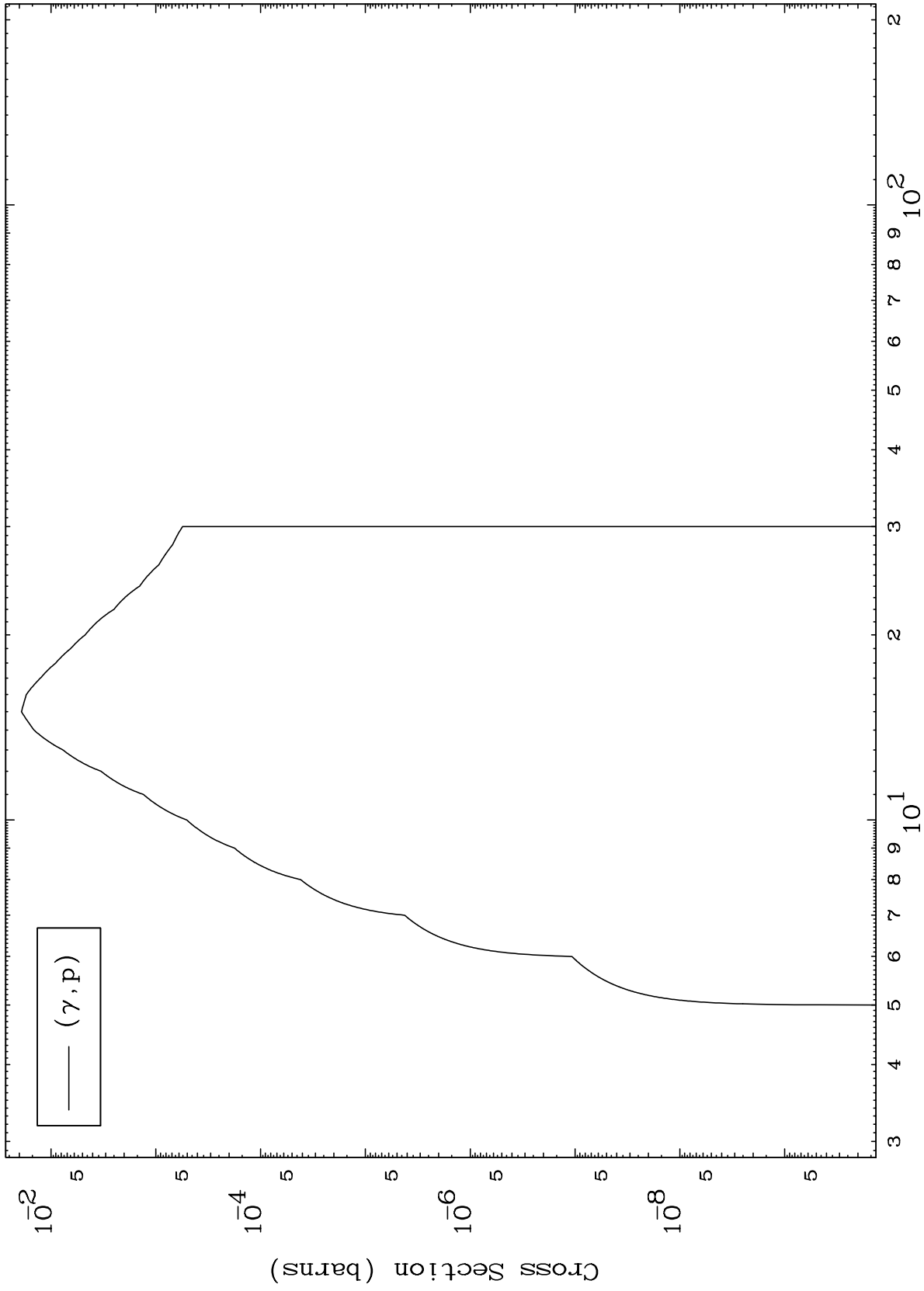
Incident Energy (MeV)

61-Pm-140

MAT 6129

(γ, p) Levels
0 Kelvin Cross Sections

61-Pm-140



6

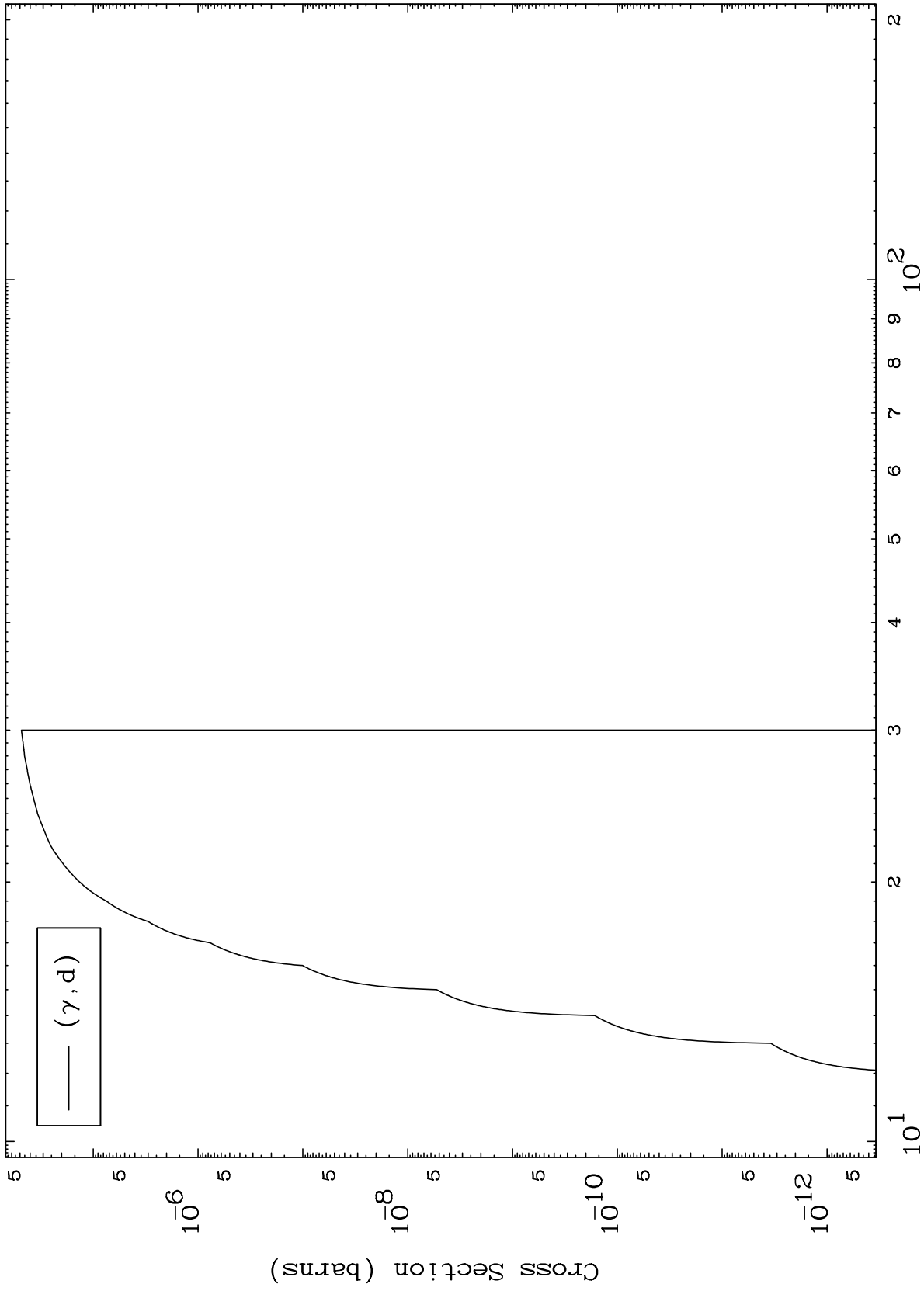
Incident Energy (MeV)

61-Pm-140

MAT 6129

(γ, d) Levels
0 Kelvin Cross Sections

61-Pm-140



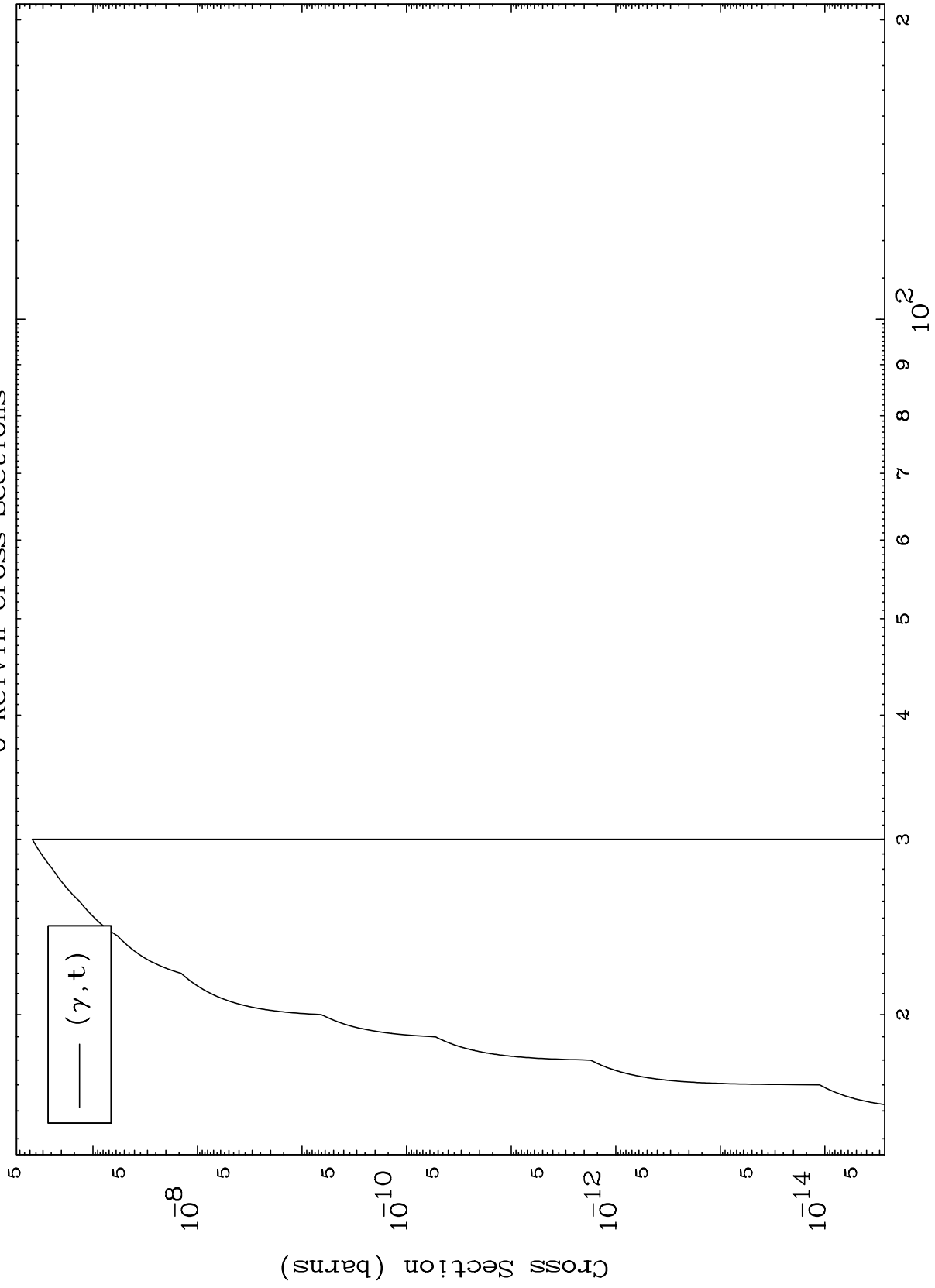
Incident Energy (MeV)

61-Pm-140

MAT 6129

(γ, t) Levels
0 Kelvin Cross Sections

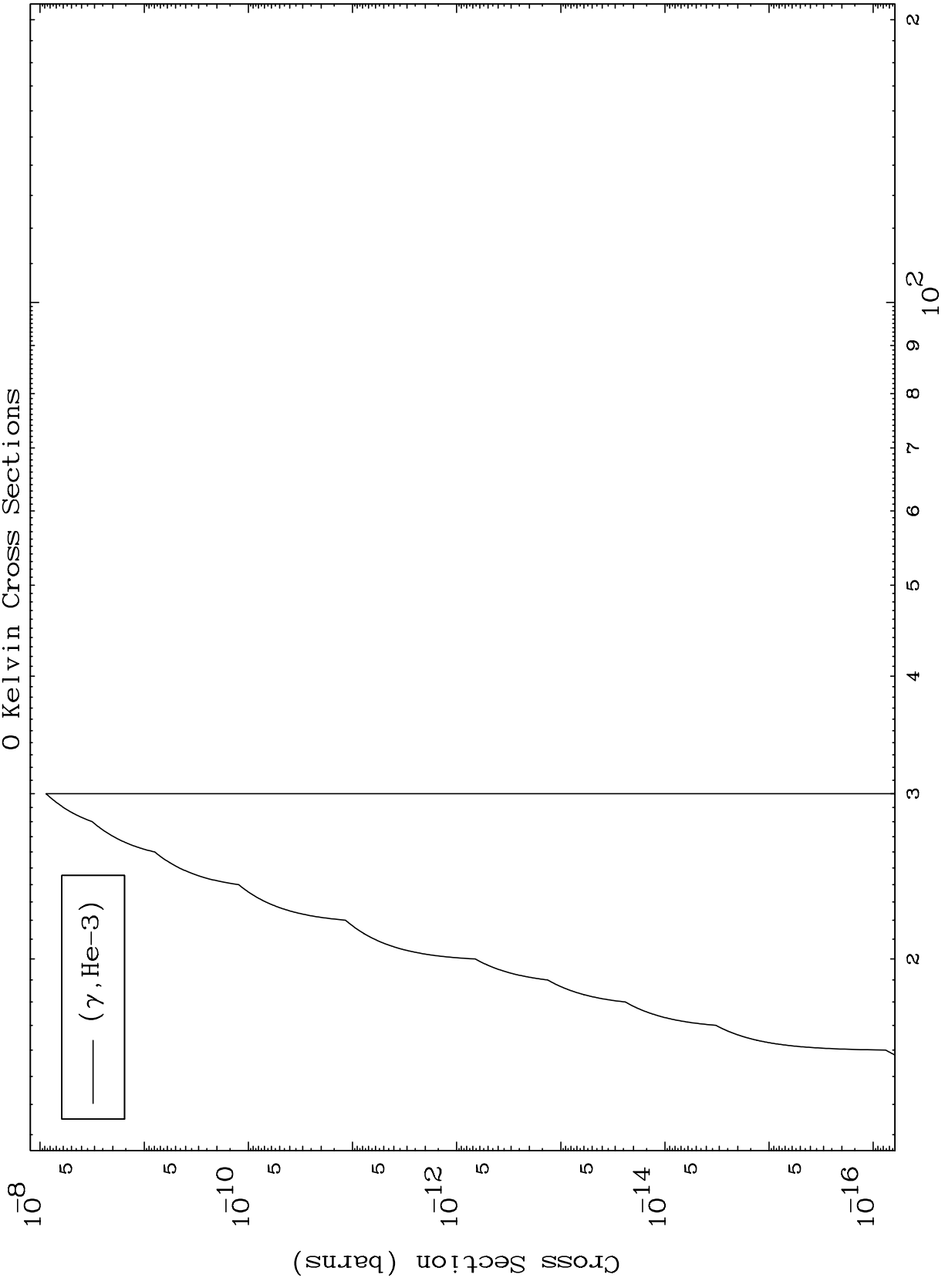
61-Pm-140



8

Incident Energy (MeV)

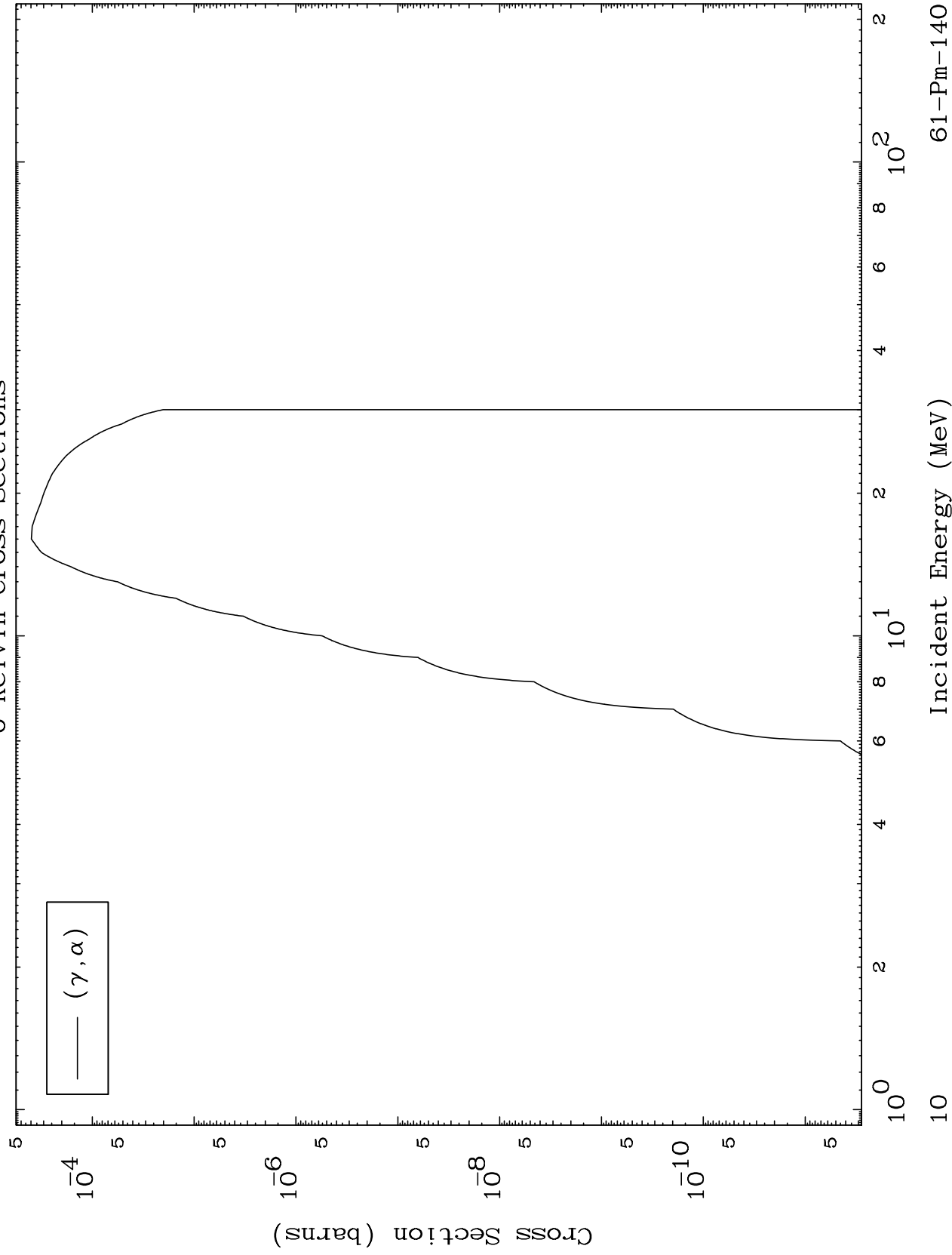
61-Pm-140



MAT 6129

(γ, α) Levels
0 Kelvin Cross Sections

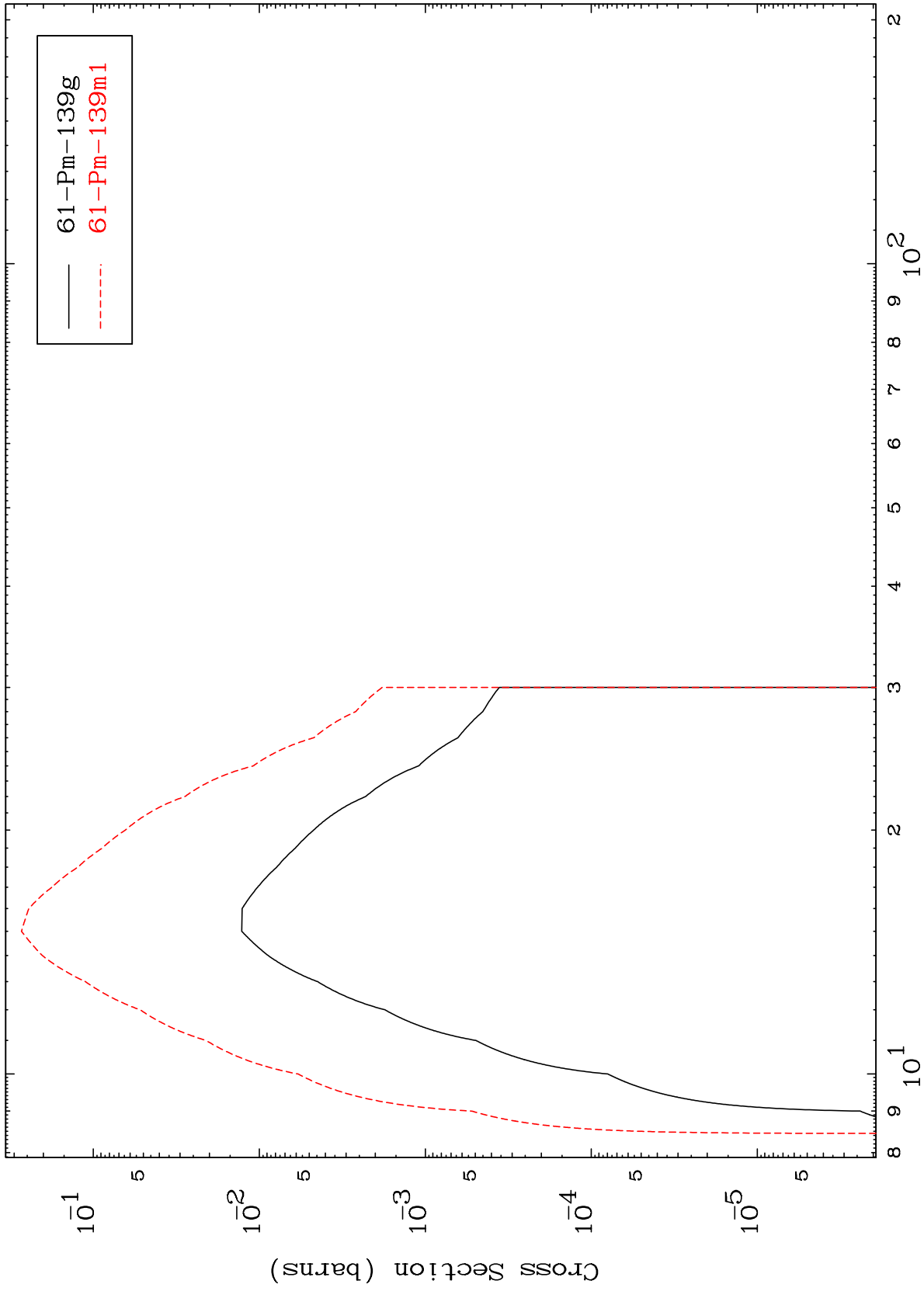
61-Pm-140



MAT 6129

61-Pm-140

Photon Inelastic
Radionuclide Production Cross Section



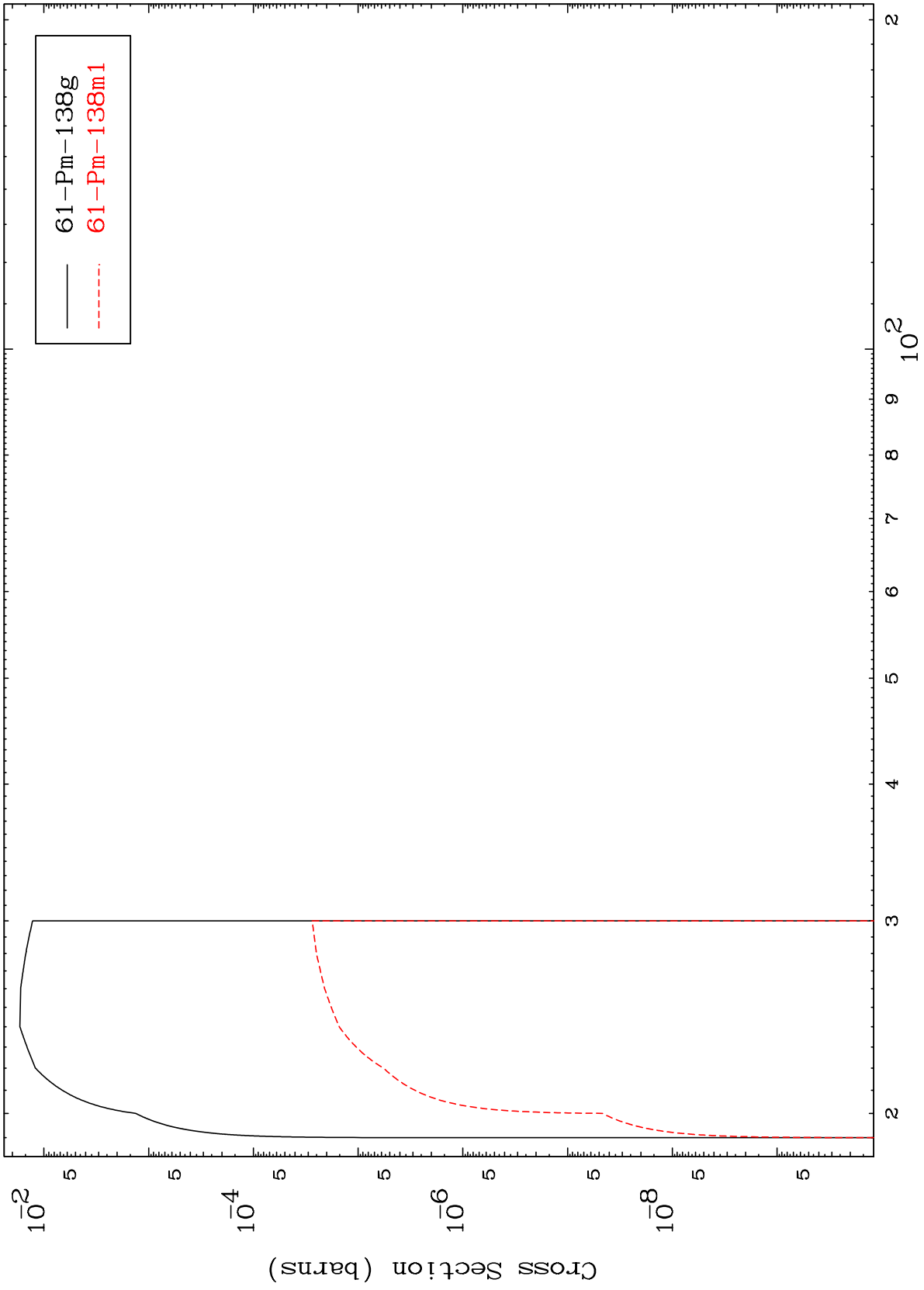
11

61-Pm-140

MAT 6129

61-Pm-140

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



12

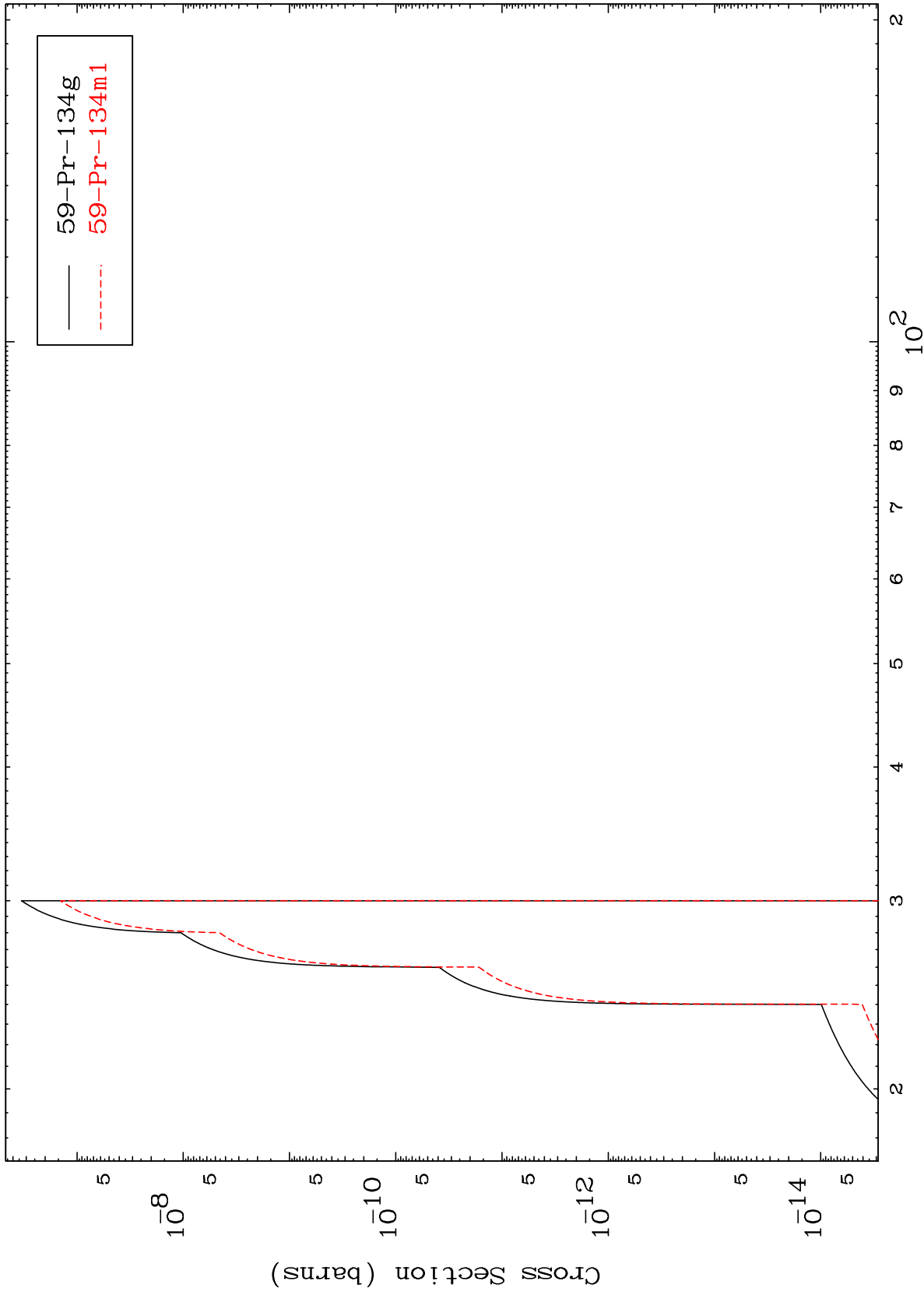
61-Pm-140

MAT 6129

$(\gamma, 2n) \alpha$

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

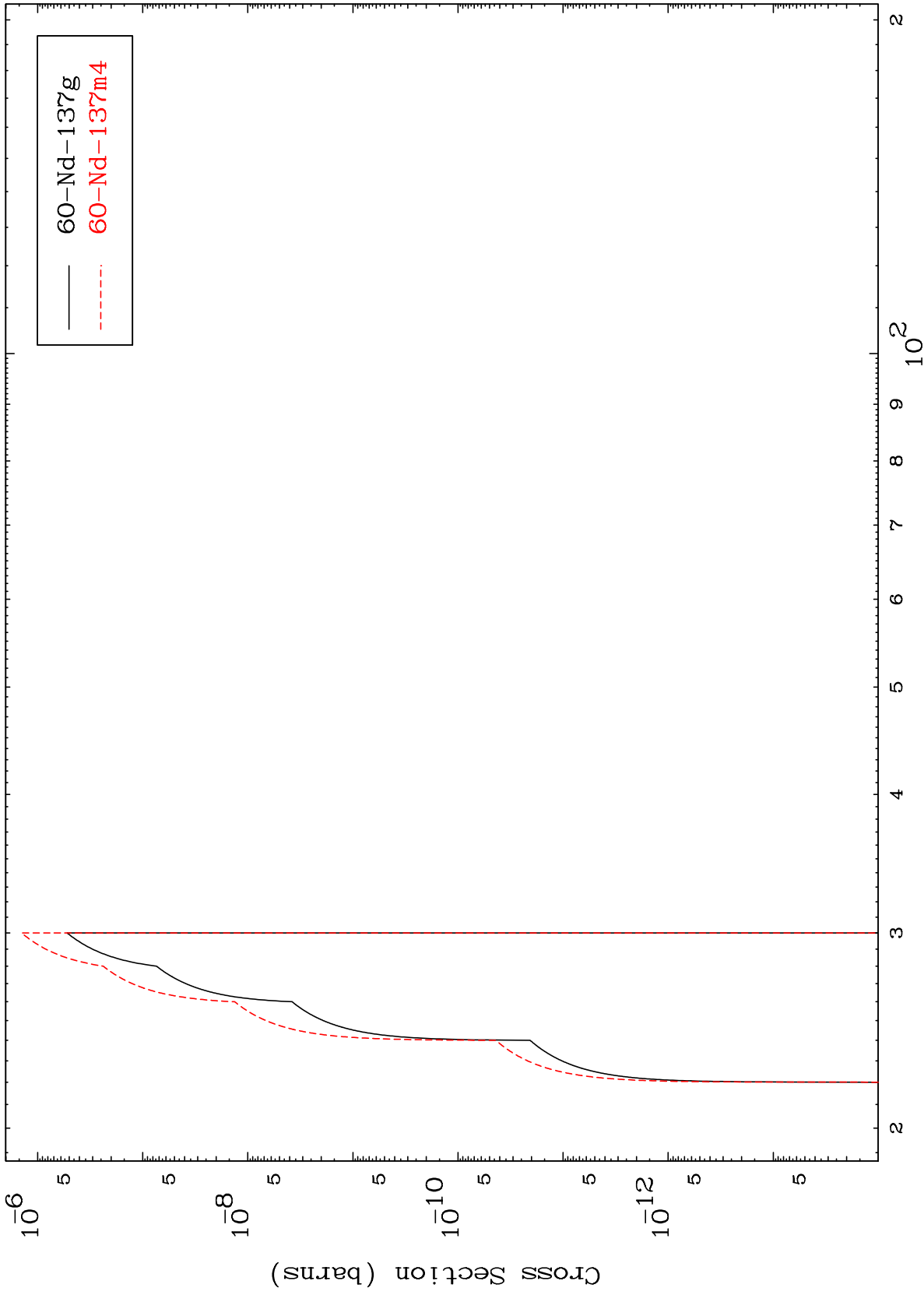
61-Pm-140

MAT 6129

(γ, n') d

61-Pm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

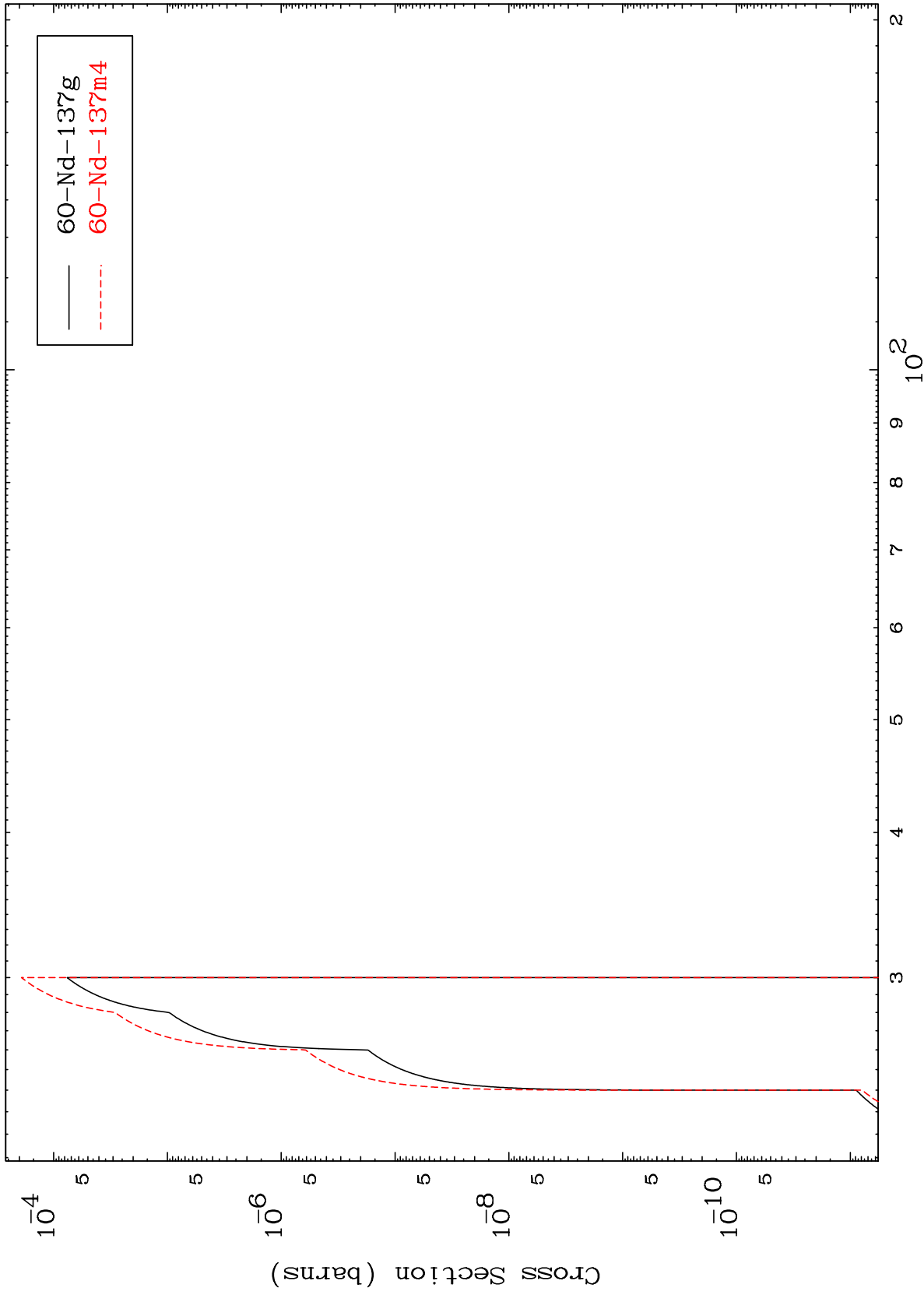
61-Pm-140

MAT 6129

$(\gamma, 2n)$ p

61-Pm-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

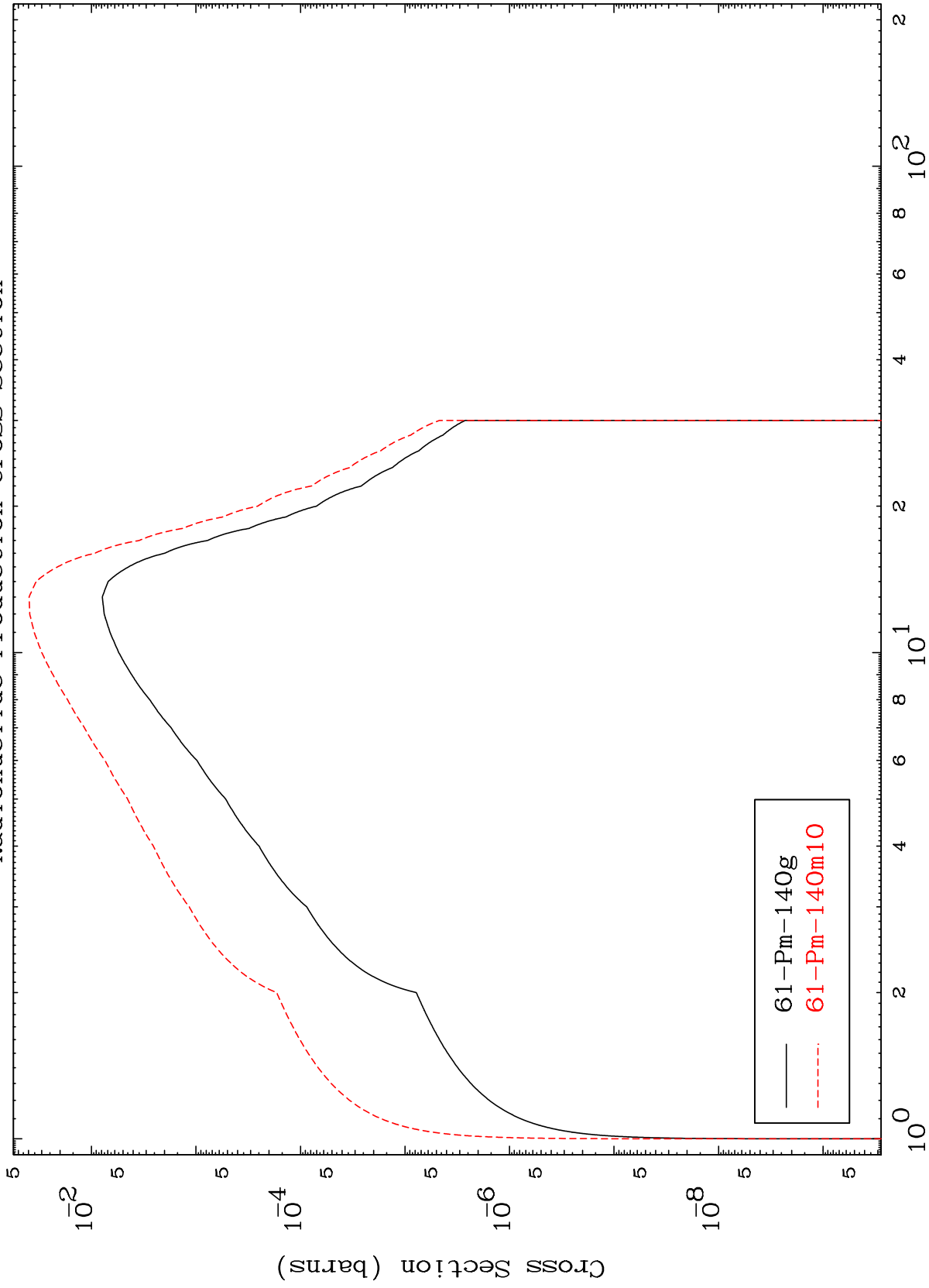
61-Pm-140

MAT 6129

61-Pm-140

Radionuclide Production Cross Section

(γ, γ)



61-Pm-140g
61-Pm-140m10

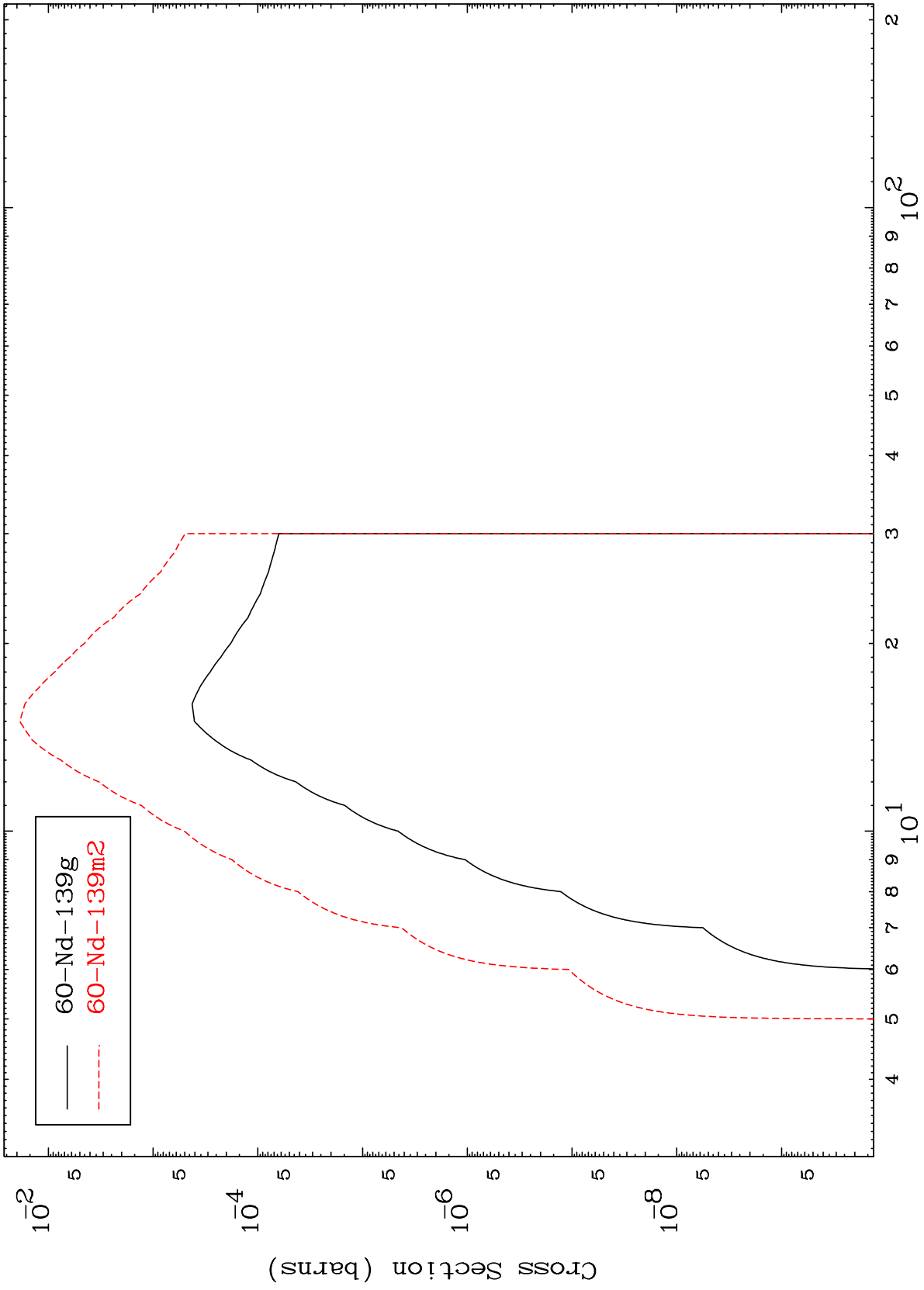
Incident Energy (MeV)

61-Pm-140

MAT 6129

61-Pm-140

Radionuclide Production Cross Section
(γ, p)



17

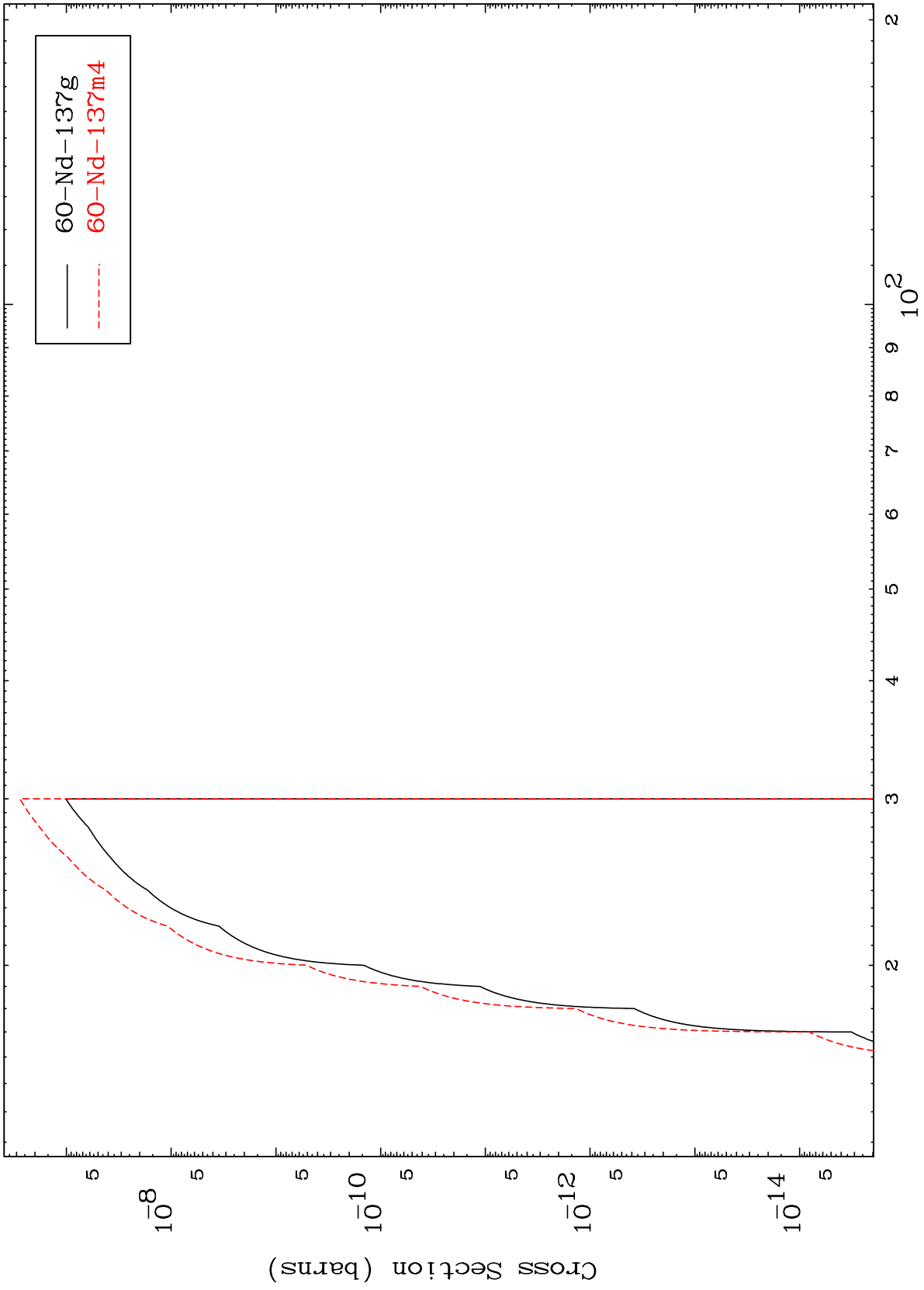
Incident Energy (MeV)

61-Pm-140

MAT 6129

61-Pm-140

(γ, t)
Radionuclide Production Cross Section



18

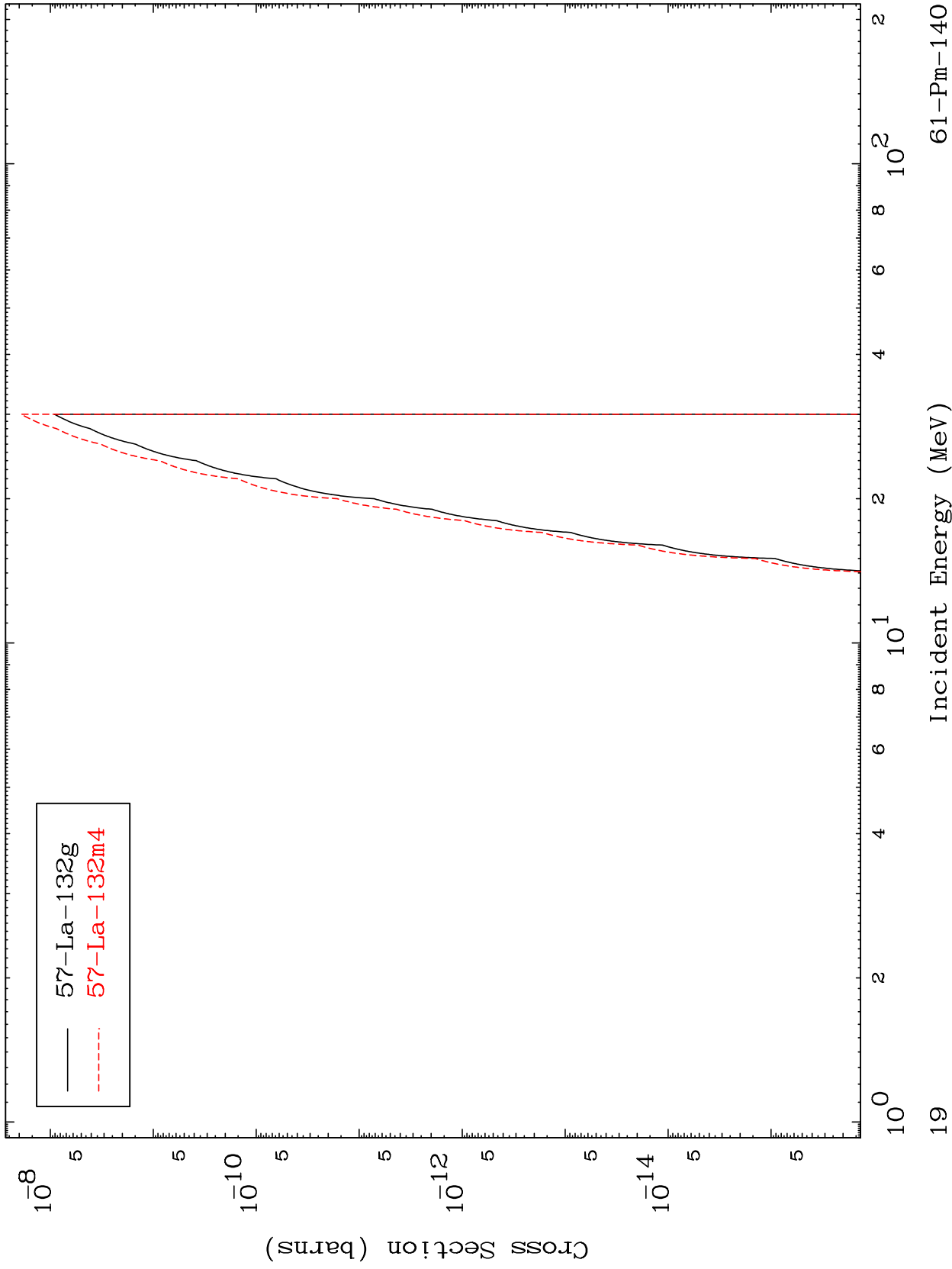
61-Pm-140

MAT 6129

($\gamma, 2\alpha$)

61-Pm-140

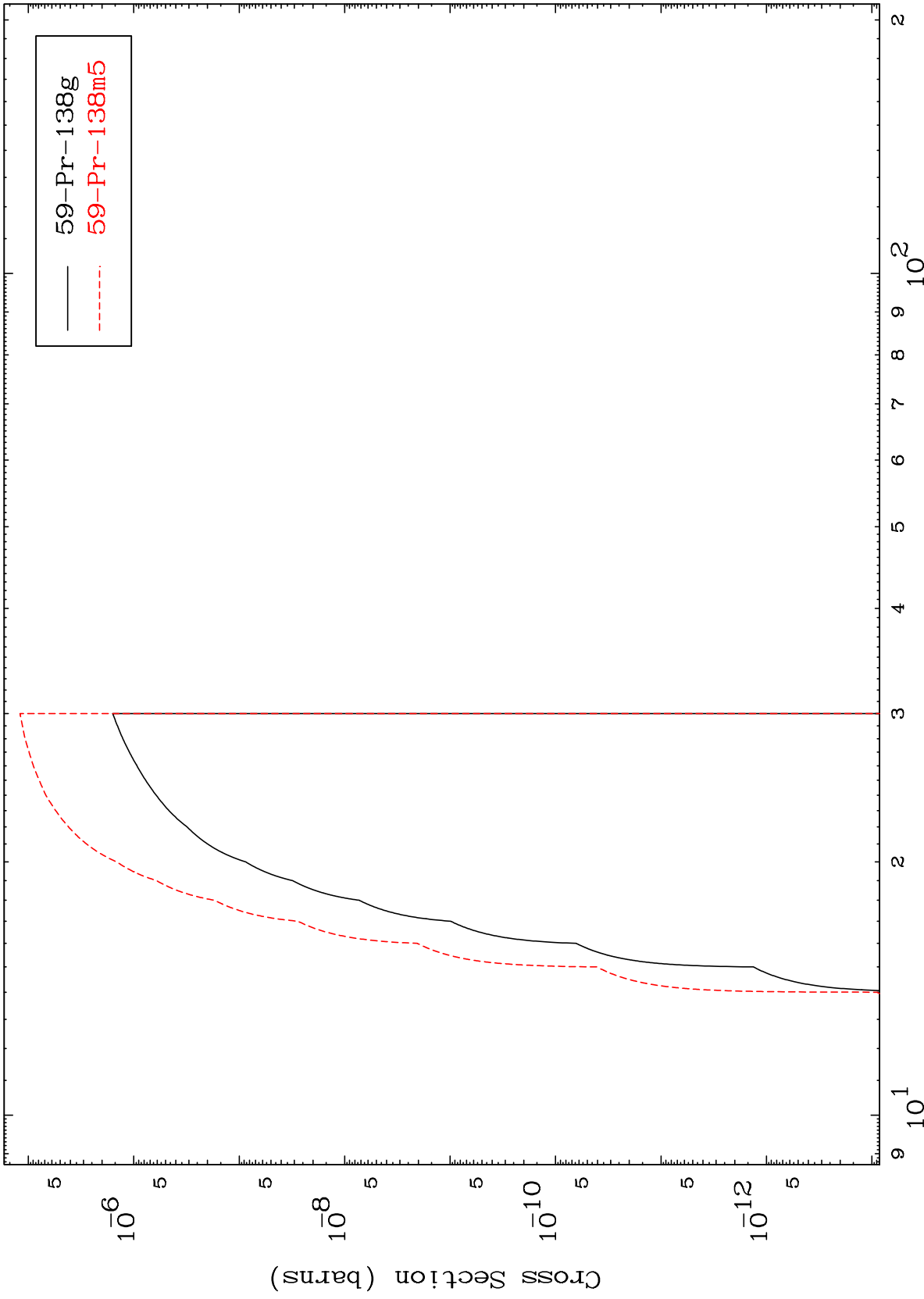
Radionuclide Production Cross Section



MAT 6129

61-Pm-140

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



20

Incident Energy (MeV)

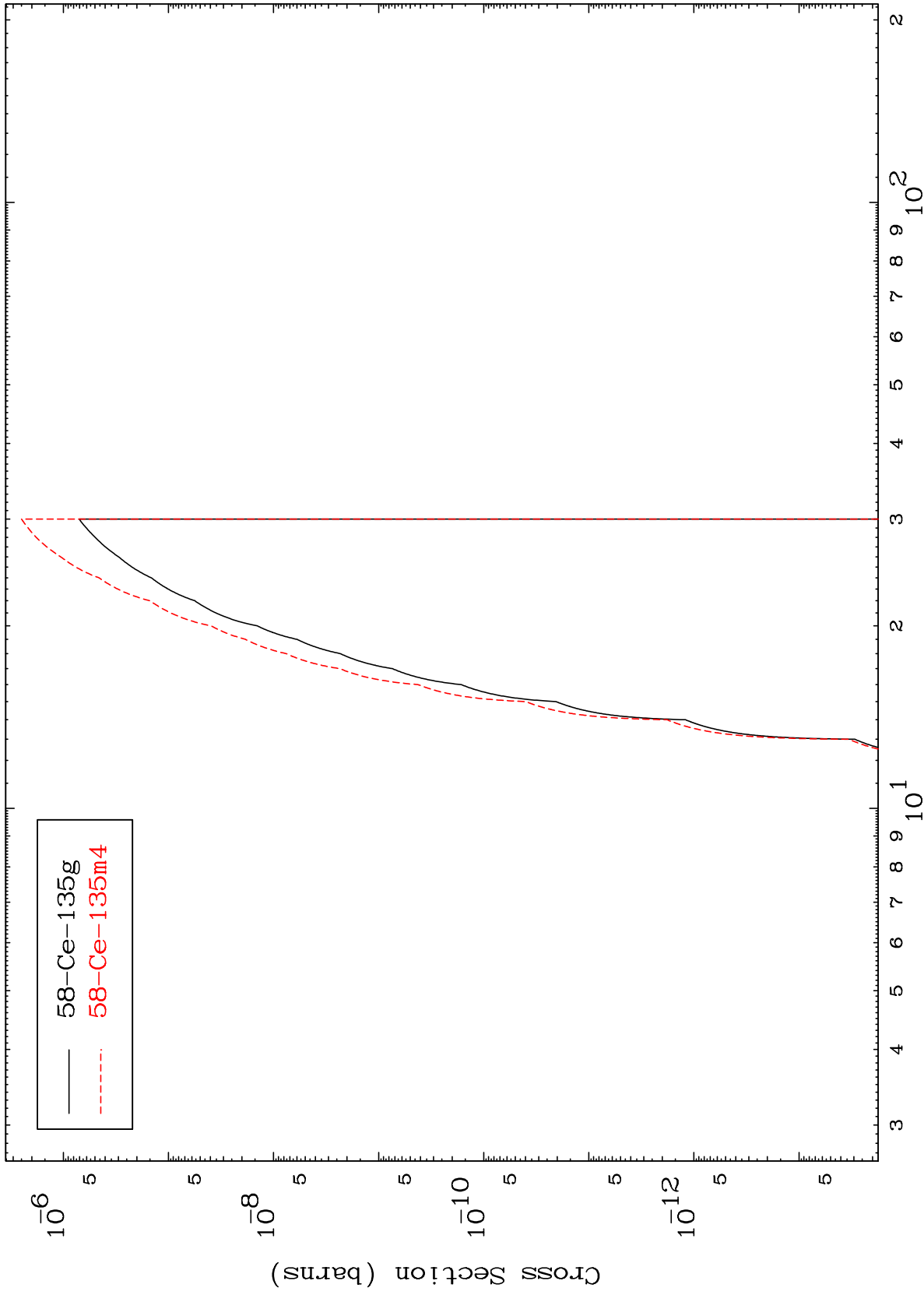
61-Pm-140

MAT 6129

(γ, p) α

61-Pm-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

61-Pm-140