

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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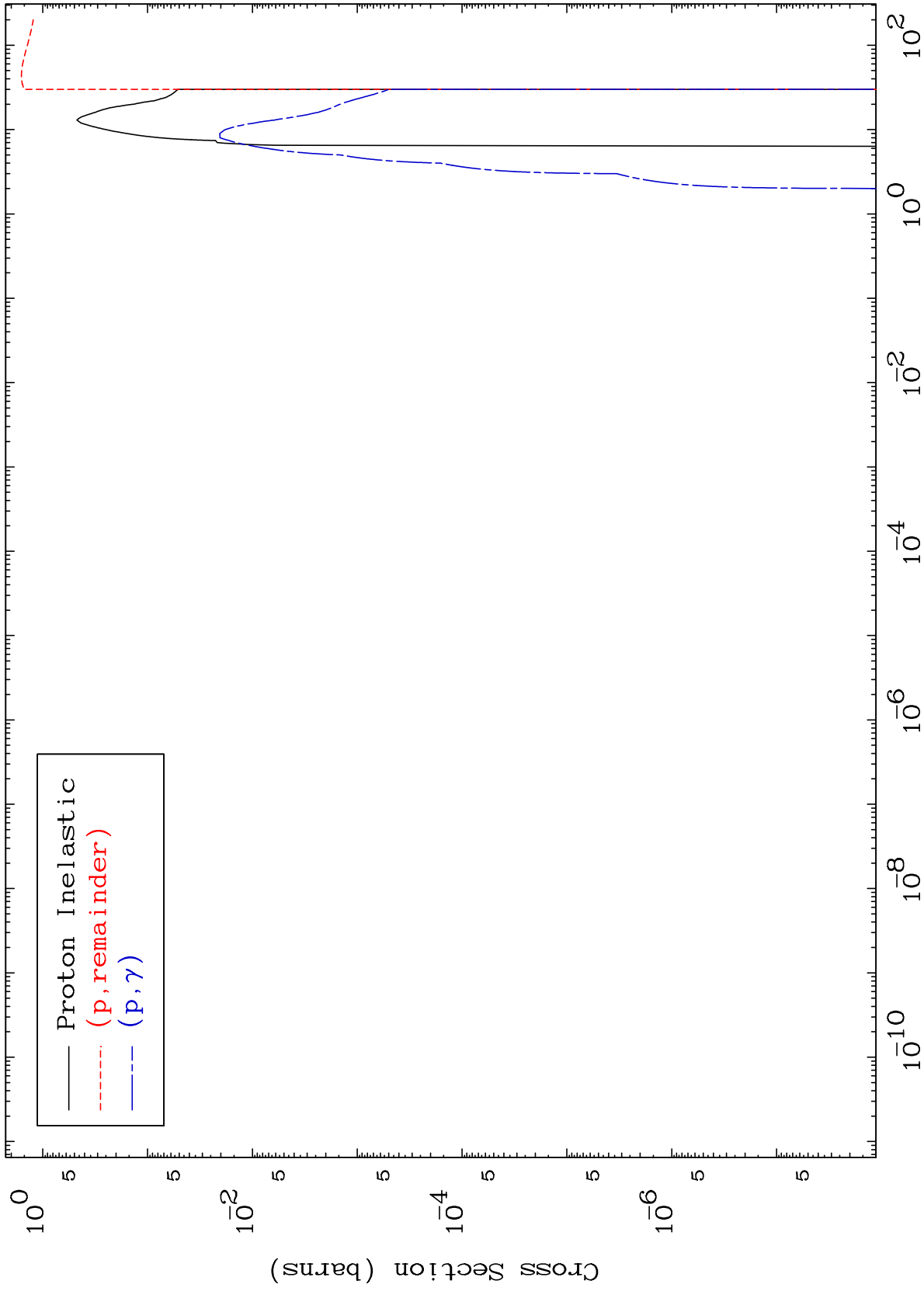
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

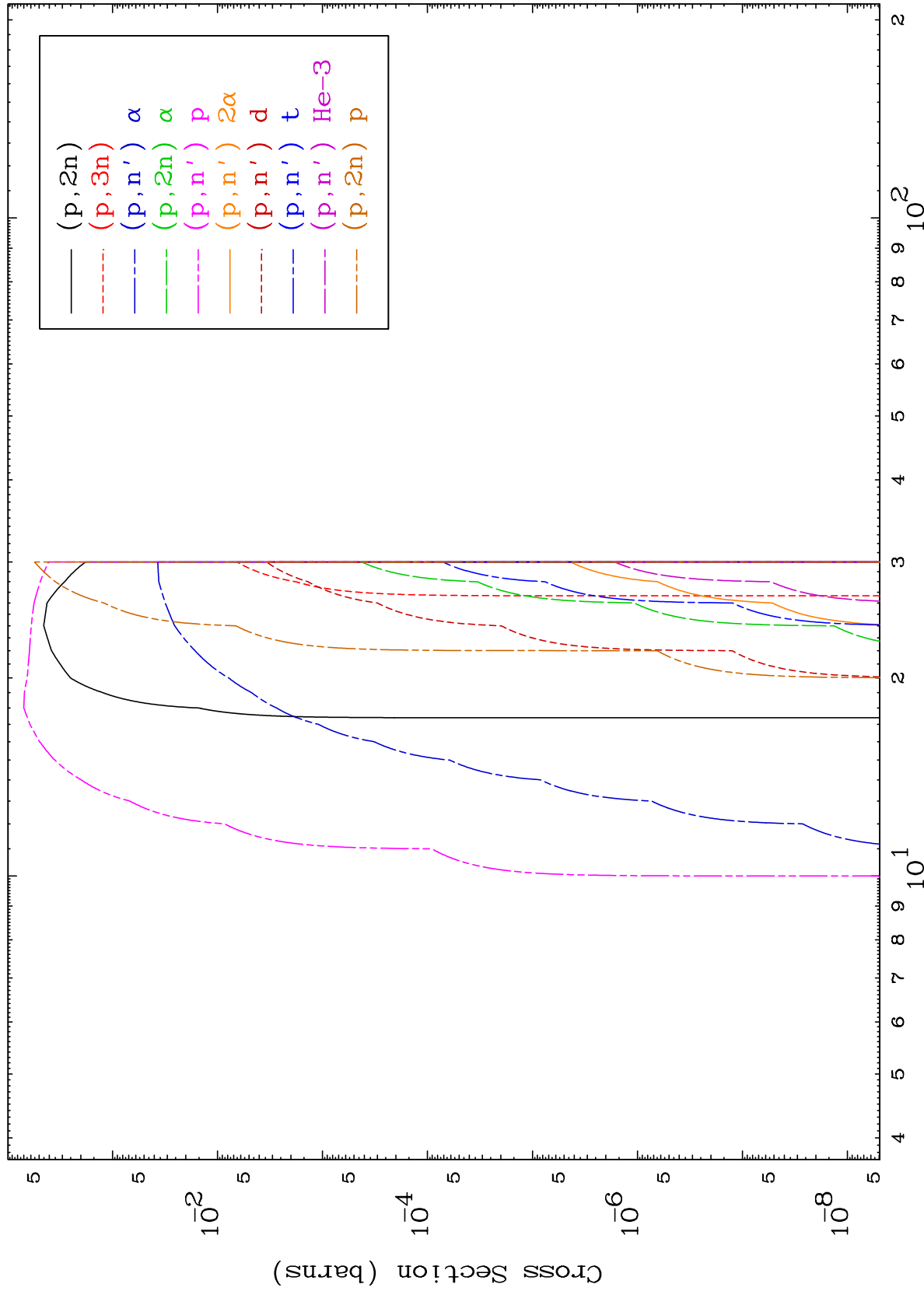
Press Mouse Button to Start

MAT 6010

Proton Major
0 Kelvin Cross Sections

60-Nd-137

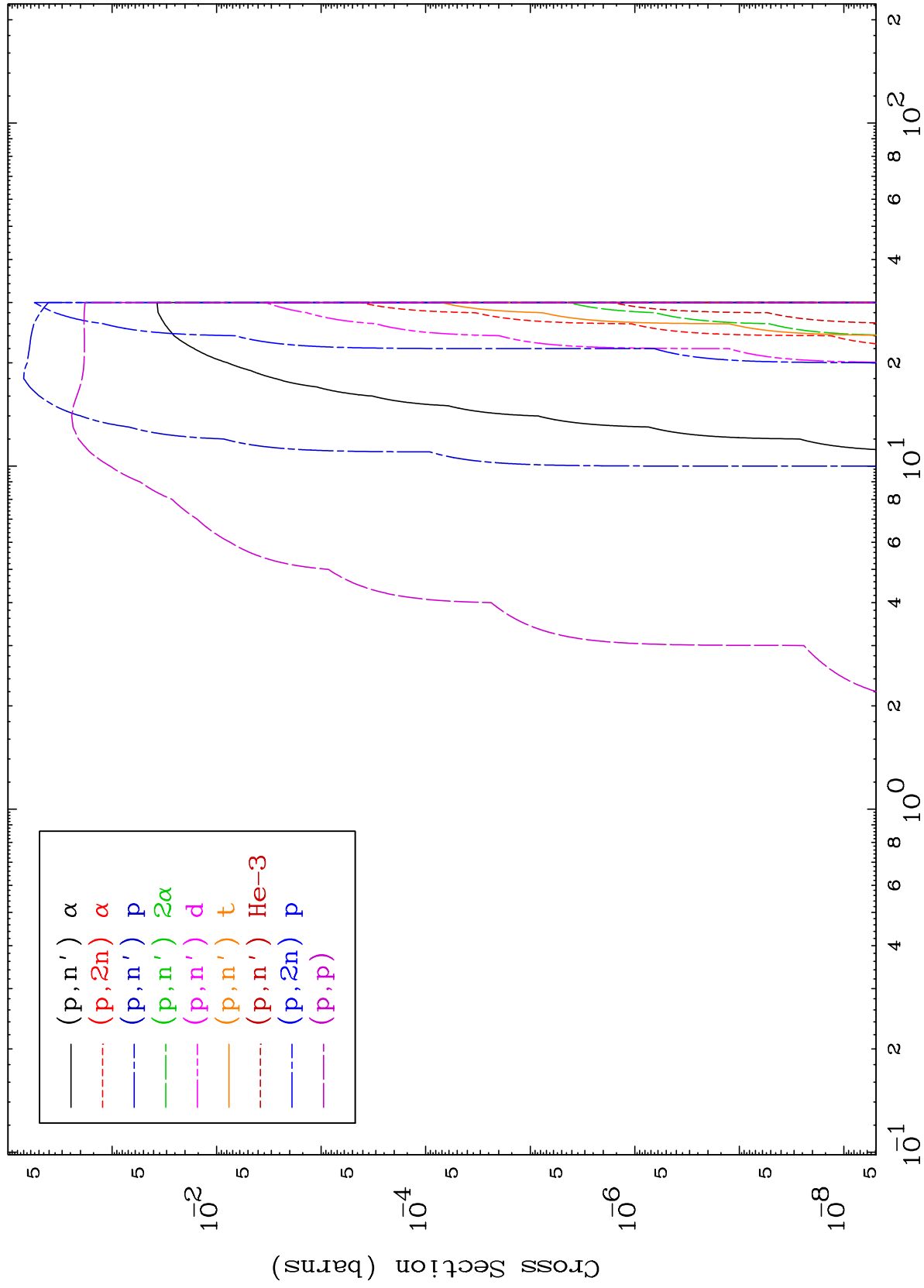




MAT 6010

Proton Charged Particle
0 Kelvin Cross Sections

60-Nd-137



3

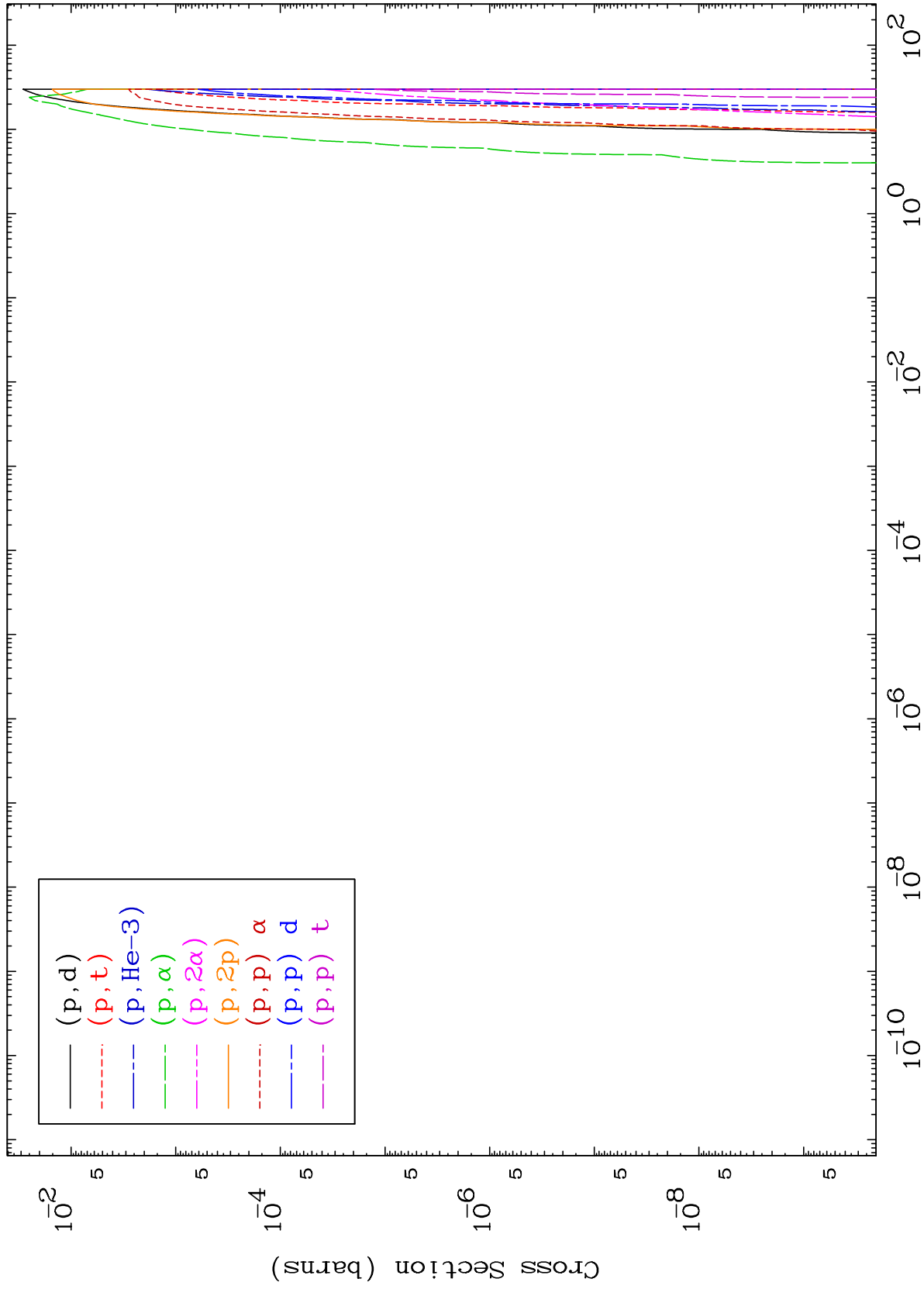
Incident Energy (MeV)

60-Nd-137

MAT 6010

Proton Charged Particle
0 Kelvin Cross Sections

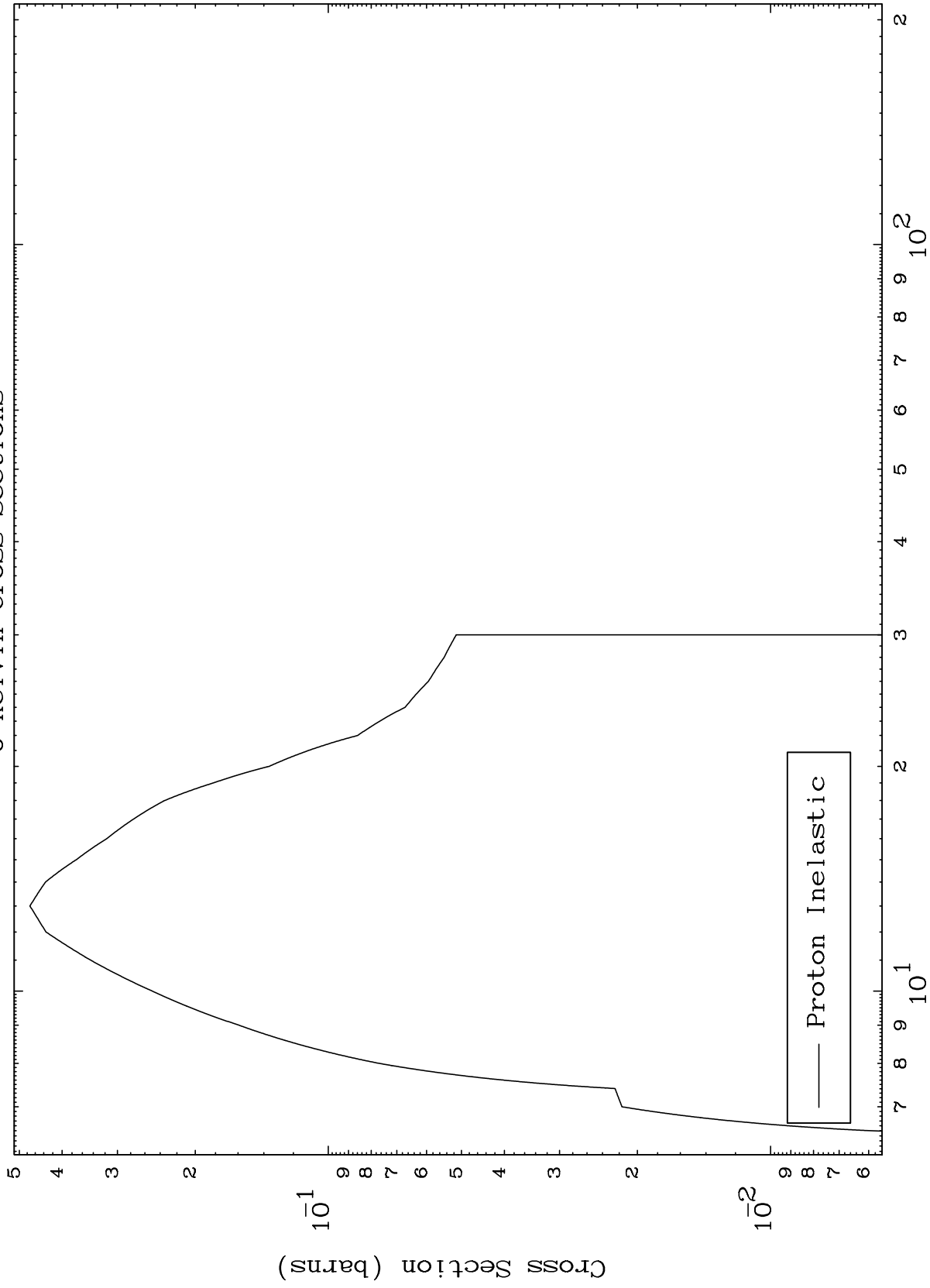
60-Nd-137



MAT 6010

(p,n') Level
0 Kelvin Cross Sections

60-Nd-137

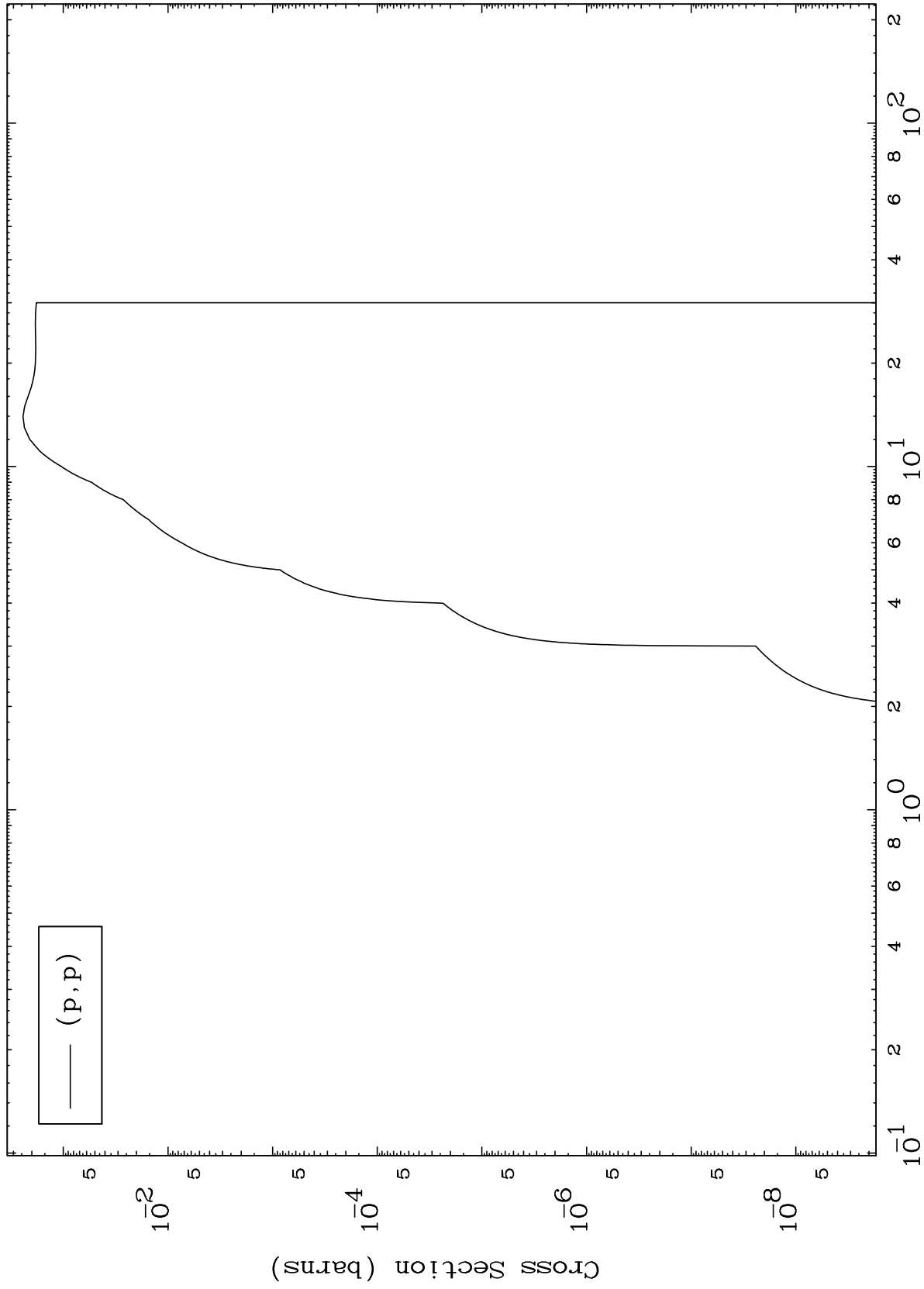


5

MAT 6010

(p,p) Levels
0 Kelvin Cross Sections

60-Nd-137



6

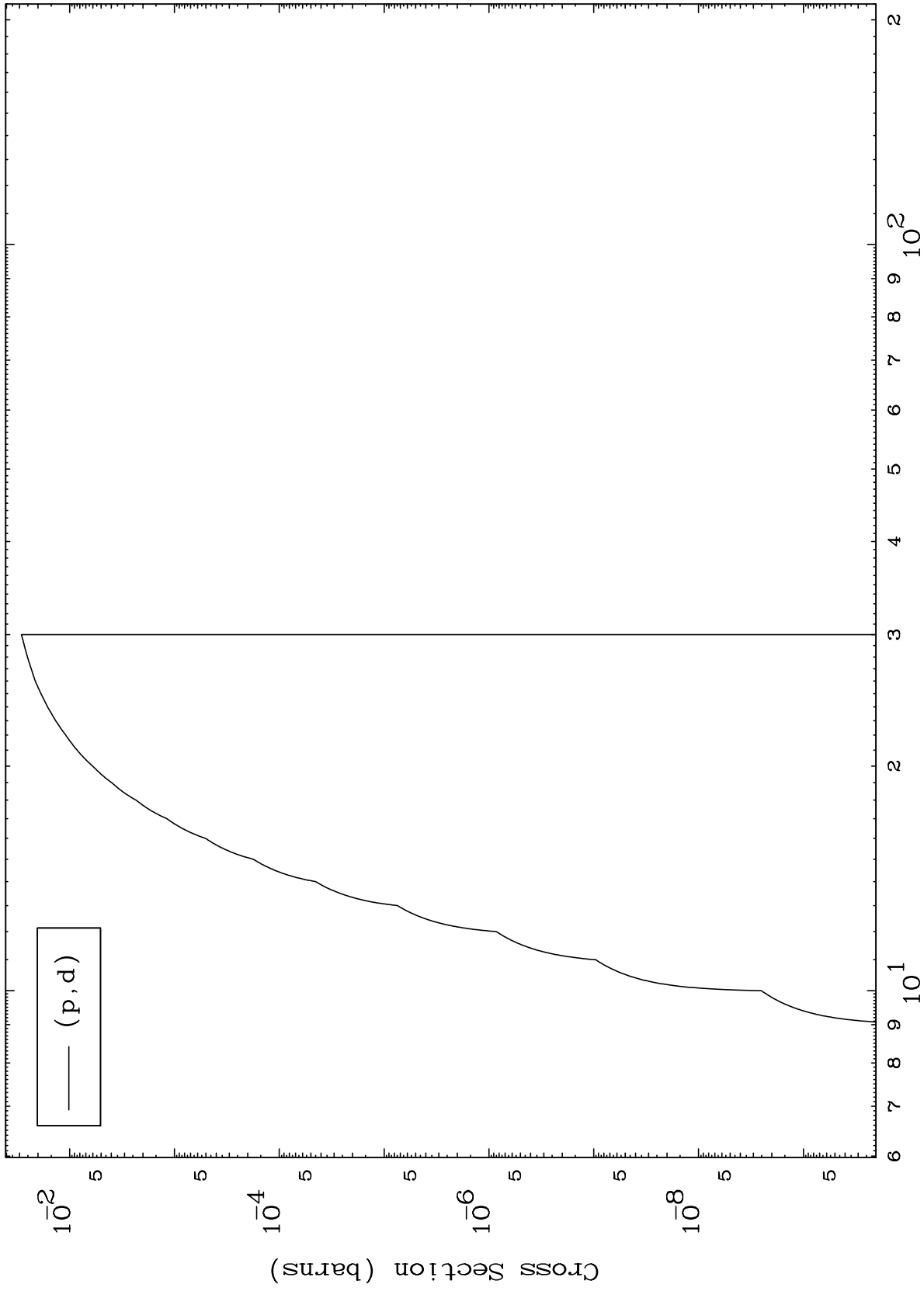
Incident Energy (MeV)

60-Nd-137

MAT 6010

(p,d) Levels
0 Kelvin Cross Sections

60-Nd-137



7

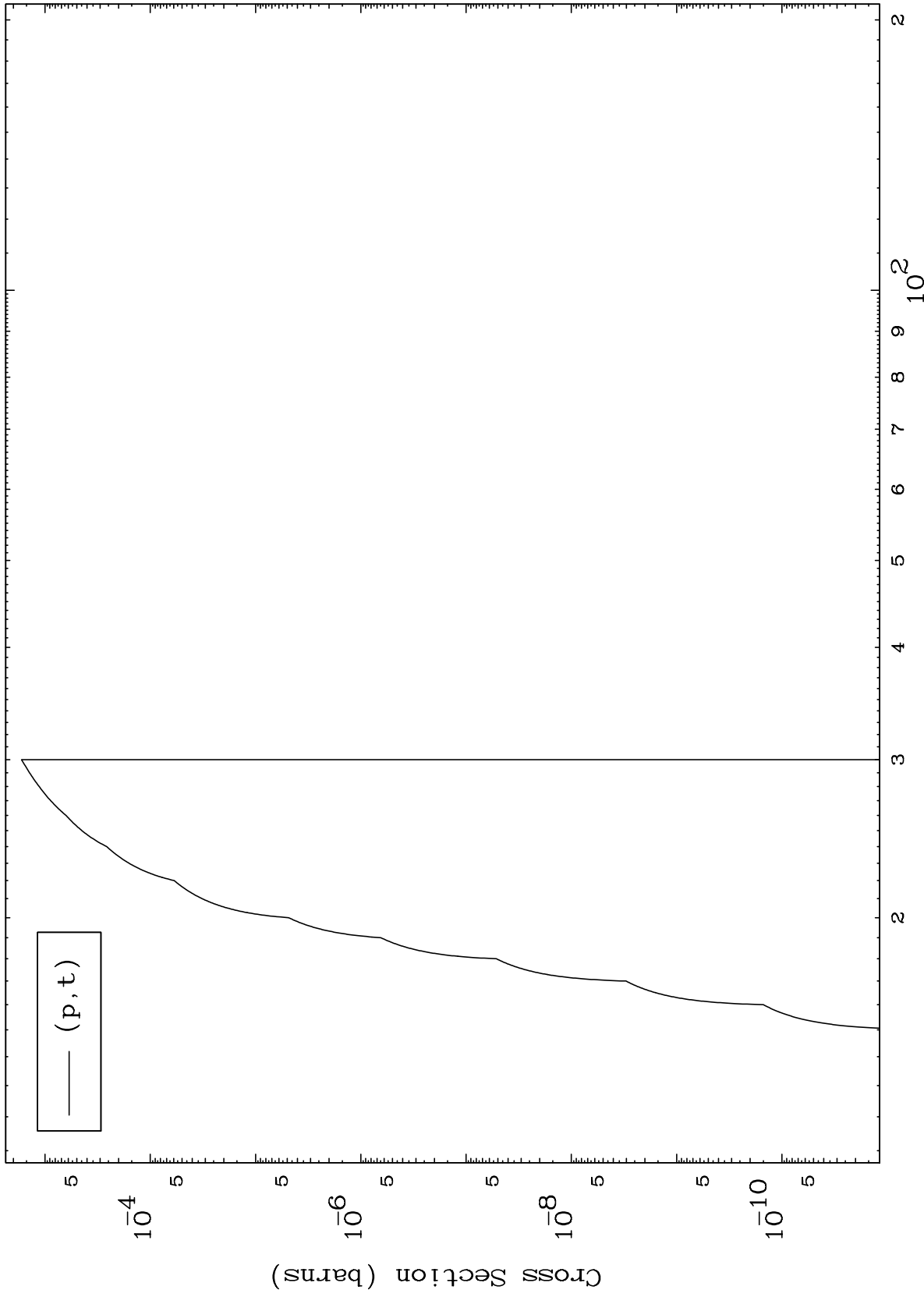
Incident Energy (MeV)

60-Nd-137

MAT 6010

(p,t) Levels
0 Kelvin Cross Sections

60-Nd-137



8

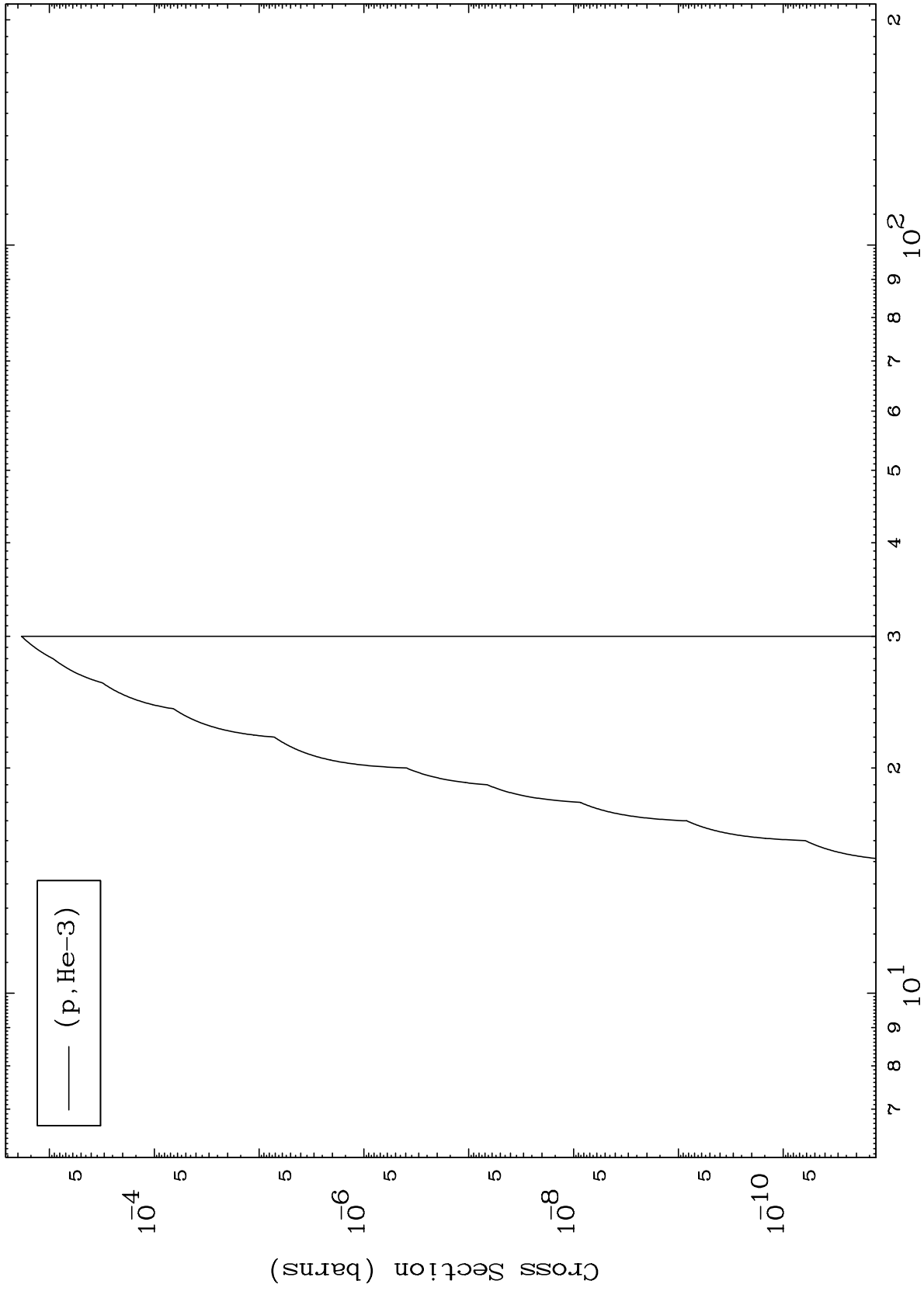
Incident Energy (MeV)

60-Nd-137

MAT 6010

(p,He3) Levels
0 Kelvin Cross Sections

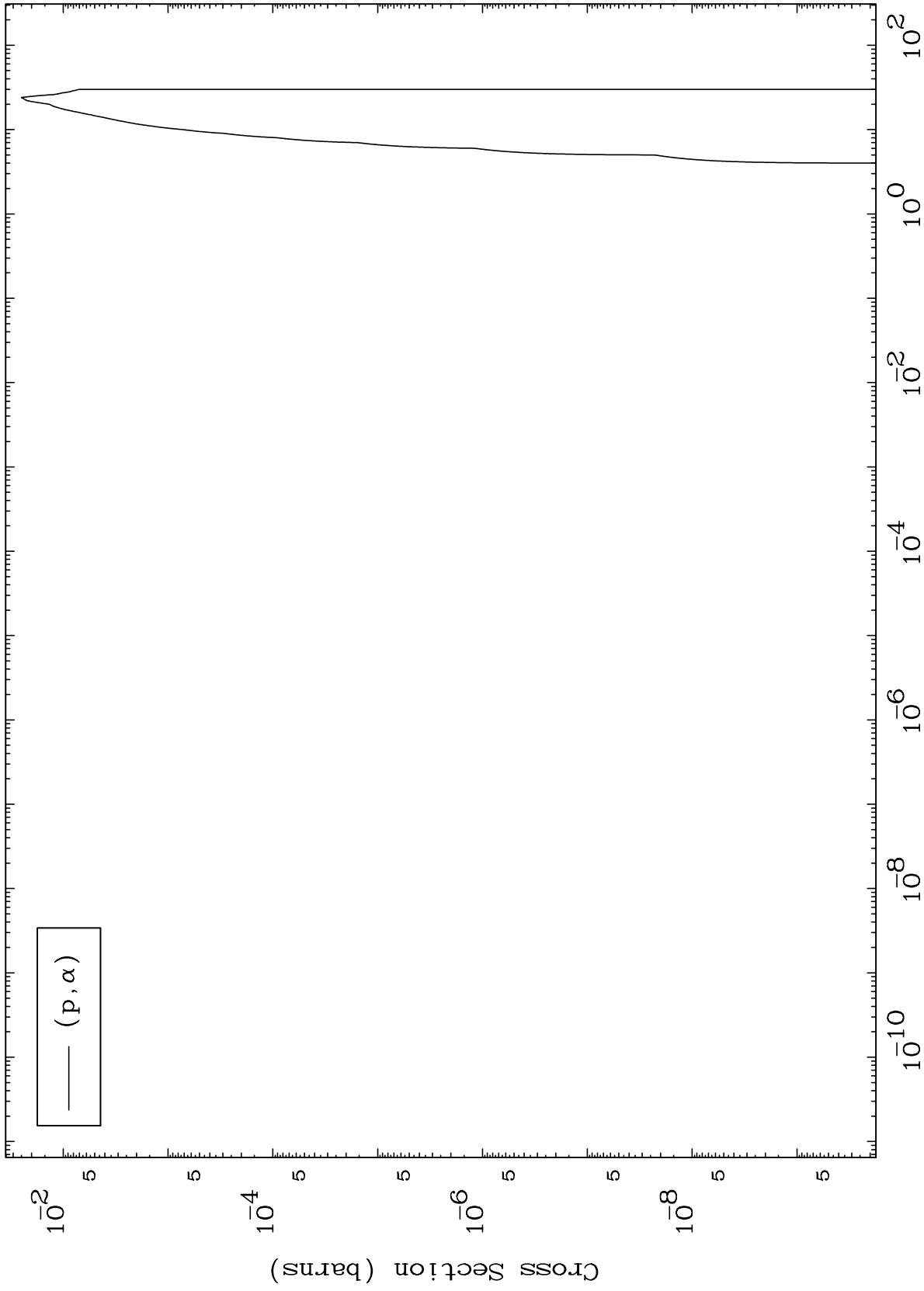
60-Nd-137



MAT 6010

(p,α) Levels
0 Kelvin Cross Sections

60-Nd-137



10

Incident Energy (MeV)

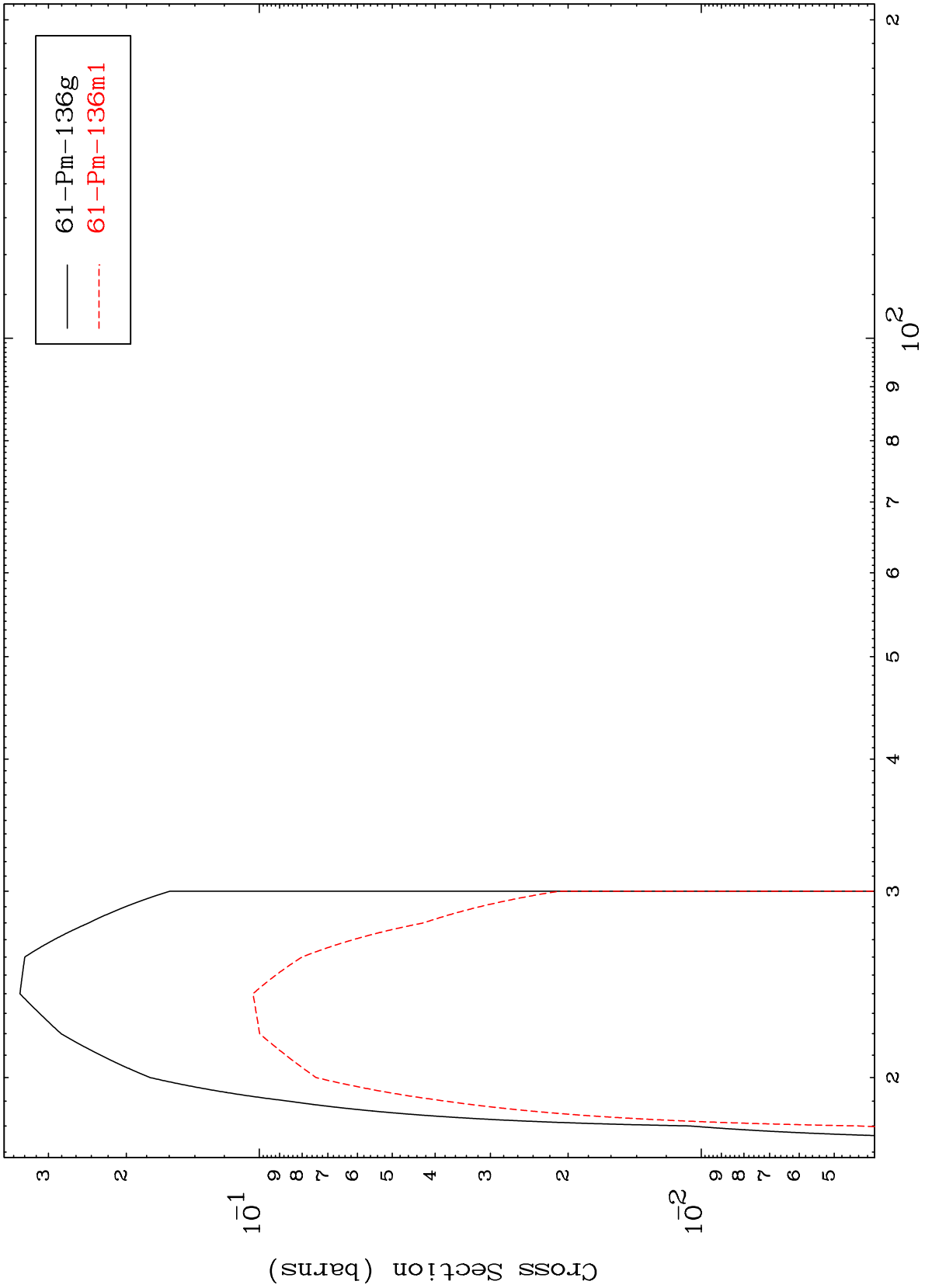
60-Nd-137

MAT 6010

(p,2n)

⁶⁰Nd-137

Radionuclide Production Cross Section



11

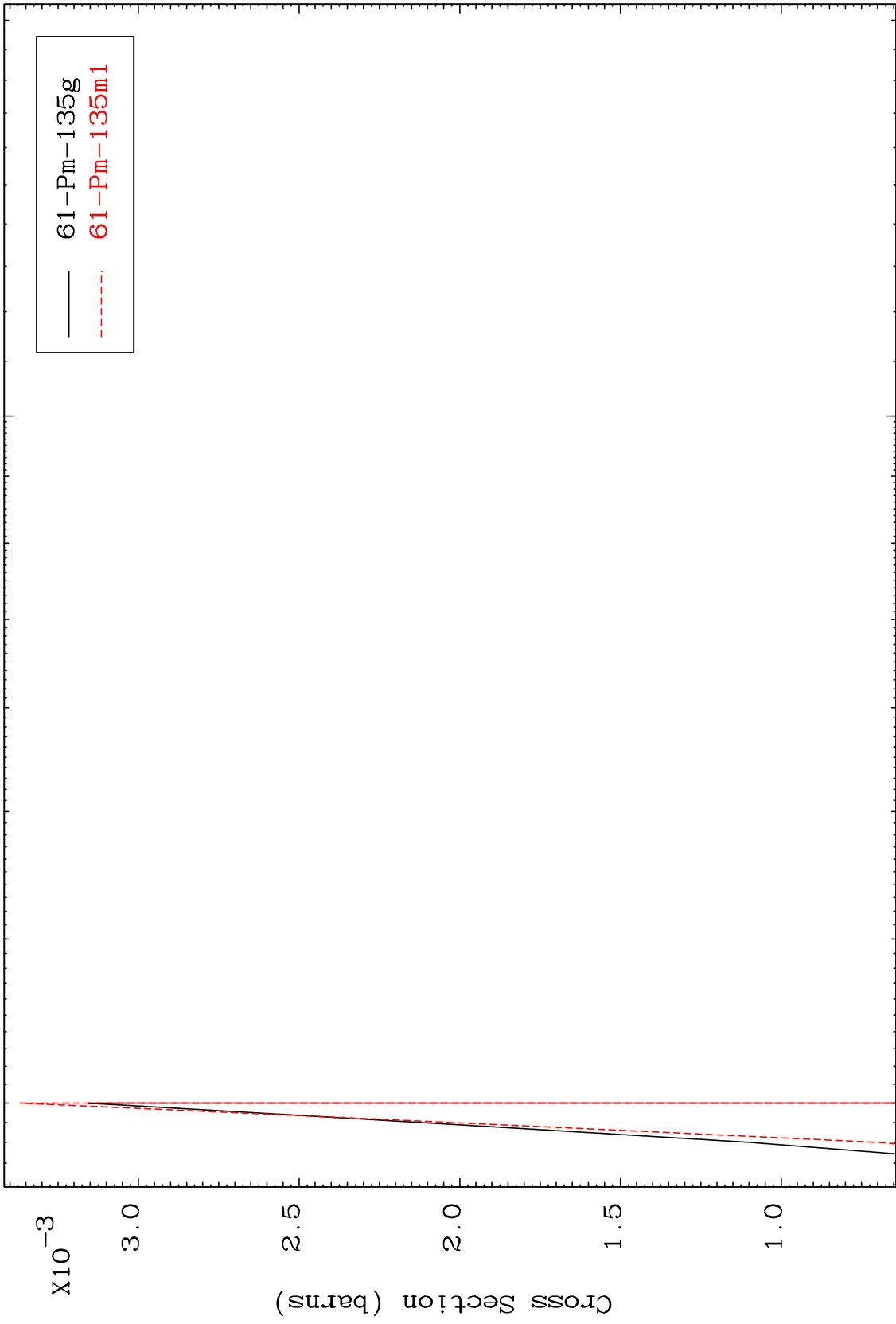
Incident Energy (MeV)

⁶⁰Nd-137

MAT 6010

60-Nd-137

Radionuclide Production Cross Section
(p,3n)



12

Incident Energy (MeV)

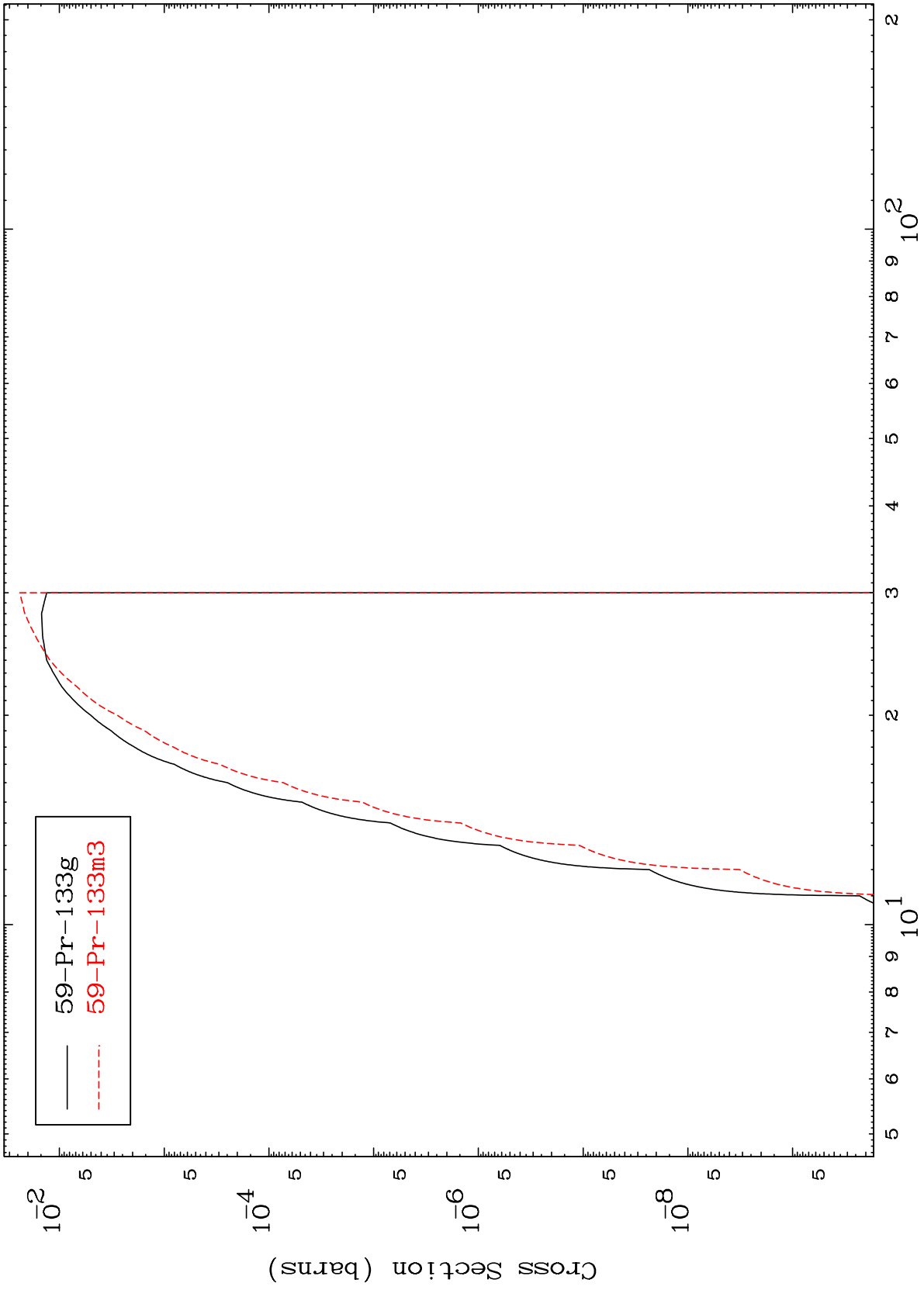
10^2

60-Nd-137

MAT 6010

60-Nd-137

(p,n') α
Radionuclide Production Cross Section



13

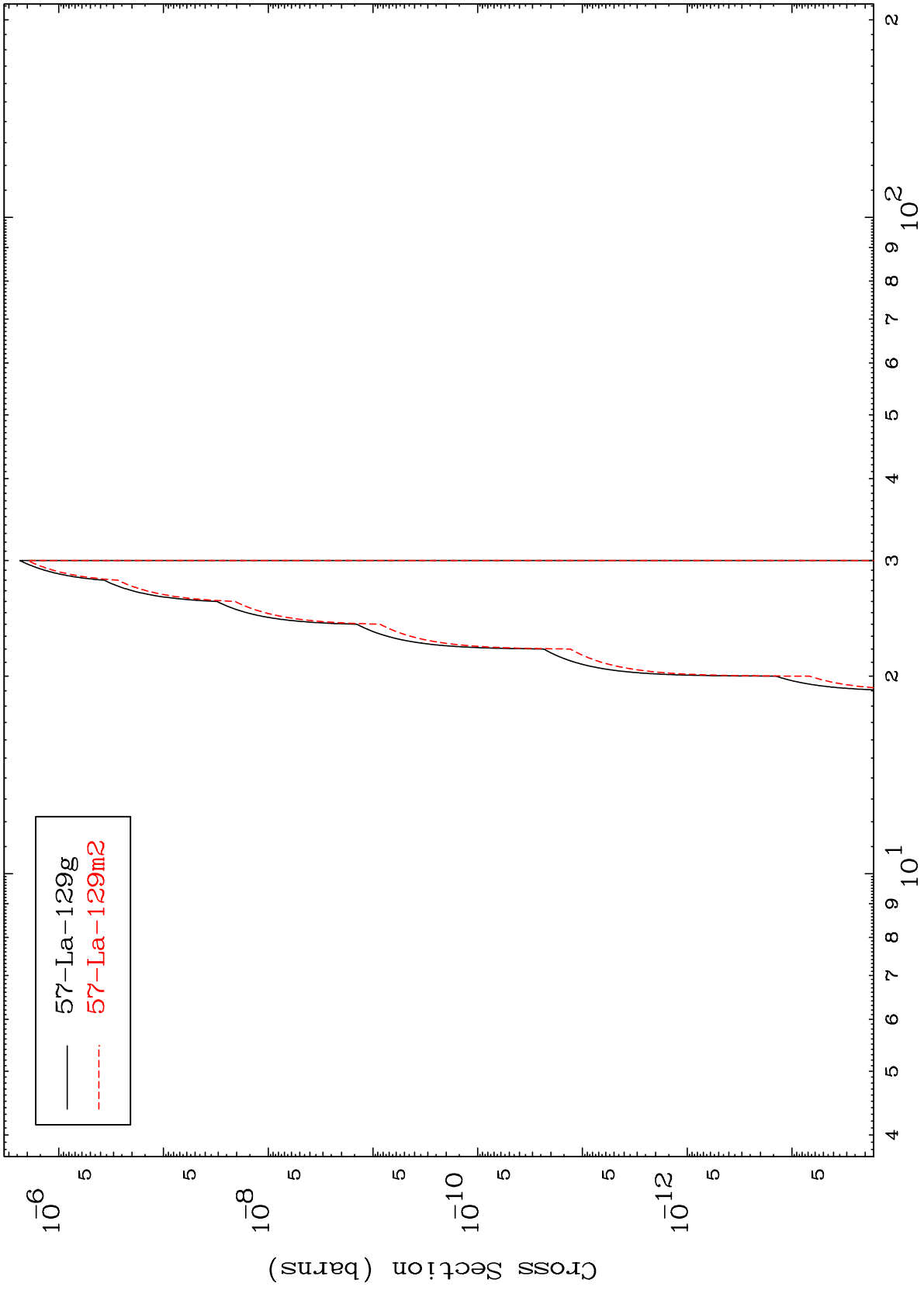
Incident Energy (MeV)

60-Nd-137

MAT 6010

Radionuclide Production Cross Section
(p,n') 2 α

60-Nd-137



14

Incident Energy (MeV)

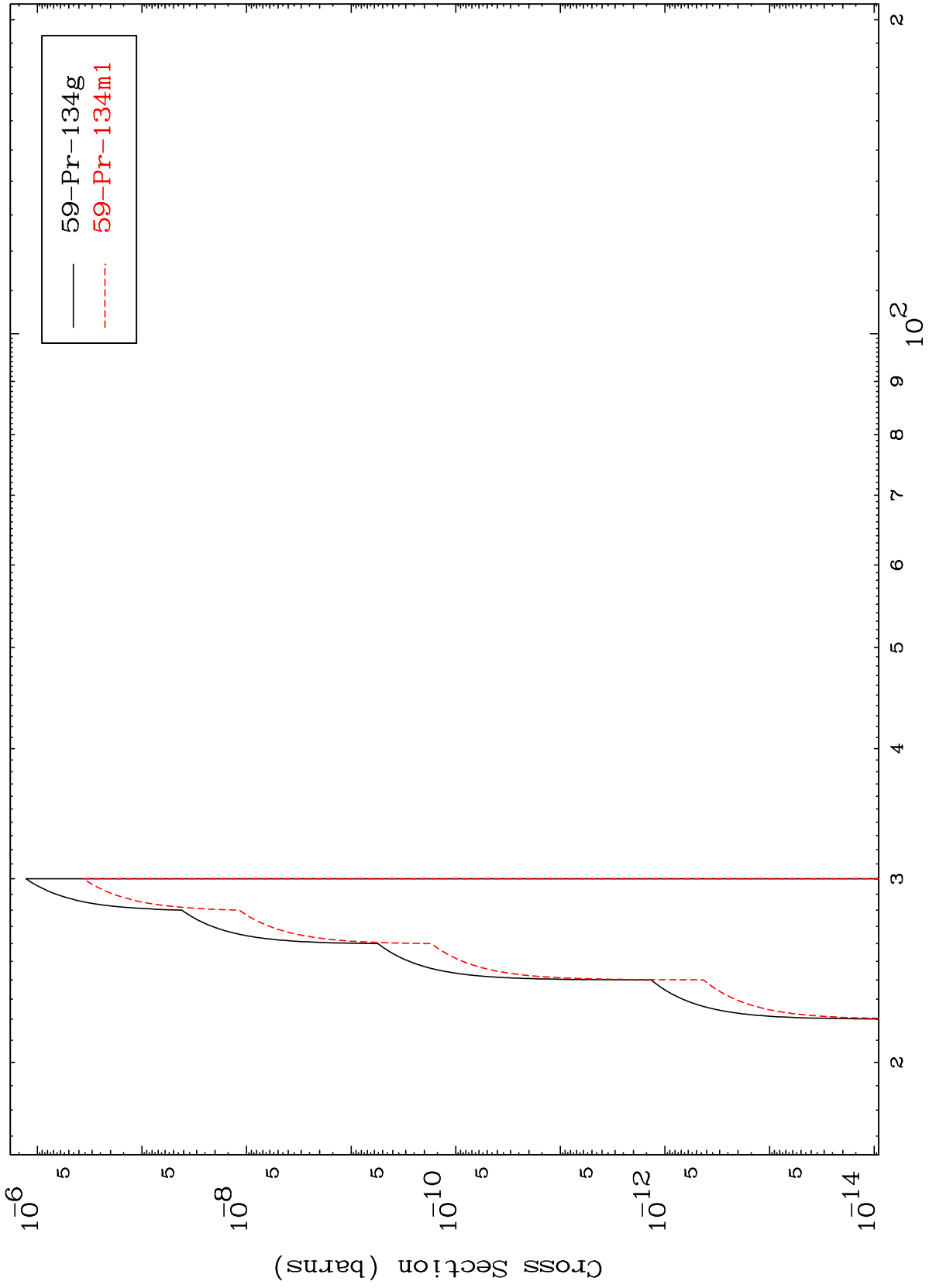
60-Nd-137

MAT 6010

(p,n') He-3

60-Nd-137

Radionuclide Production Cross Section



15

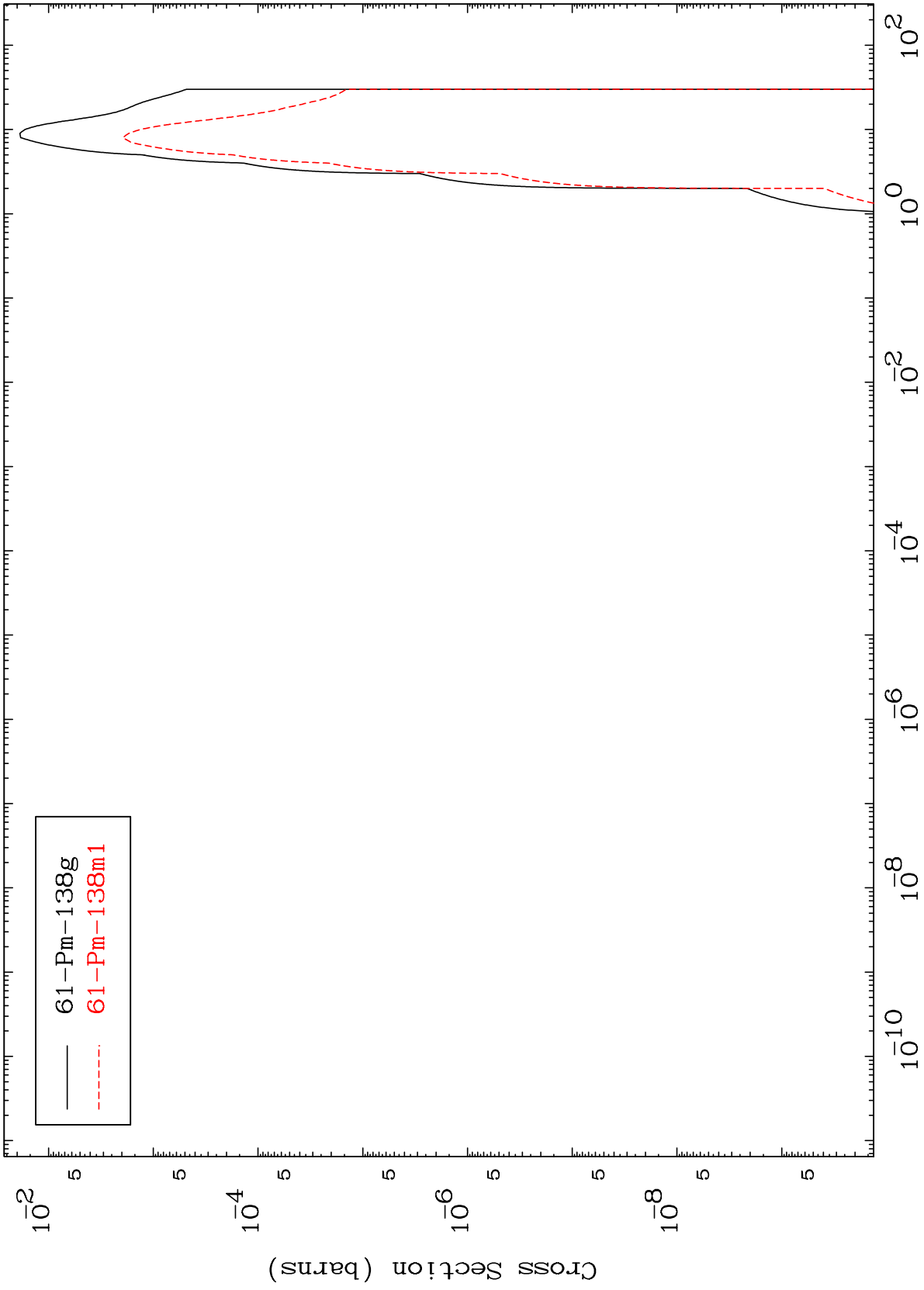
Incident Energy (MeV)

60-Nd-137

MAT 6010

Radionuclide Production Cross Section
(p,γ)

60-Nd-137



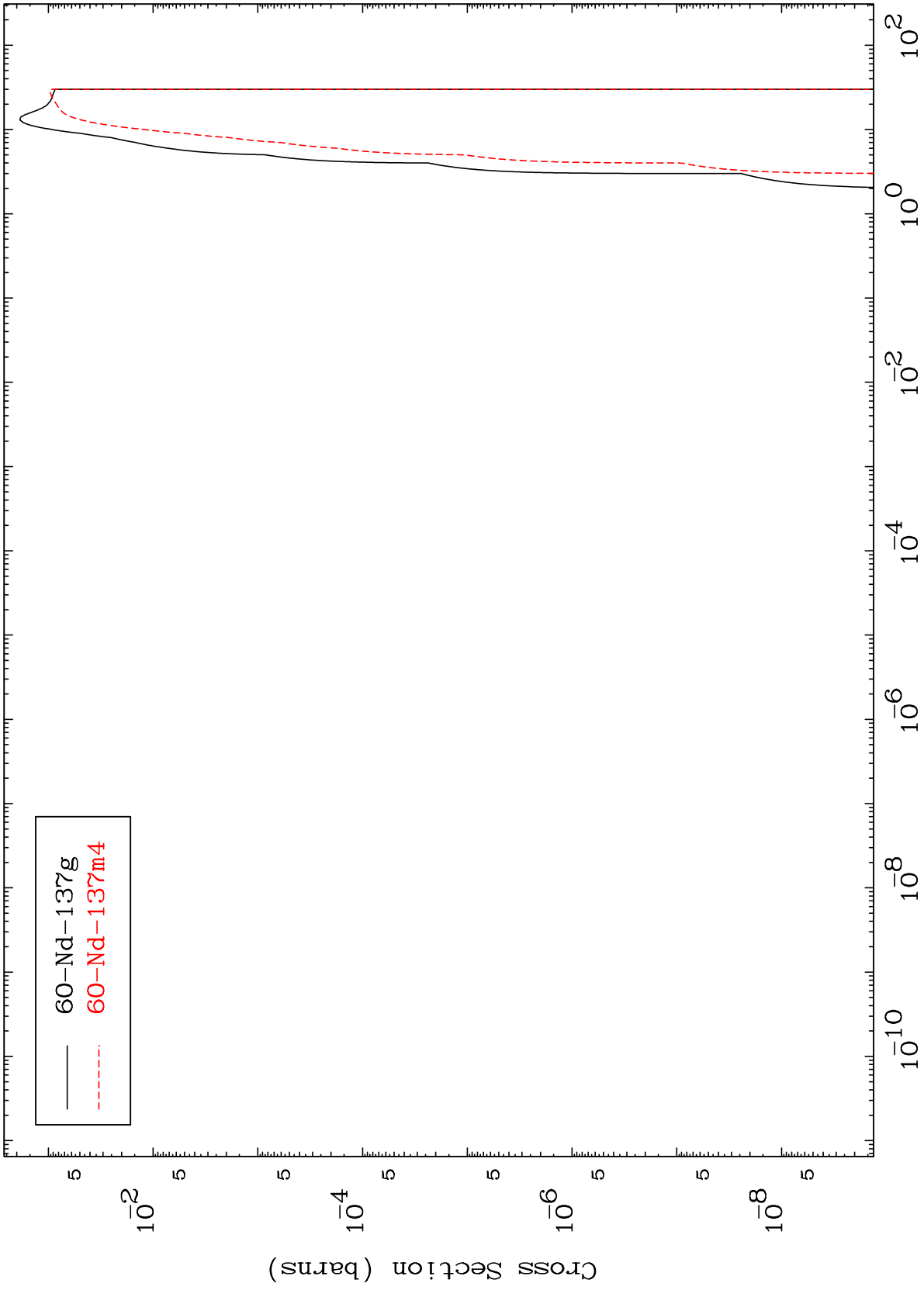
61-Pm-138g
61-Pm-138m1

60-Nd-137

MAT 6010

Radionuclide Production Cross Section
(p,p)

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



17

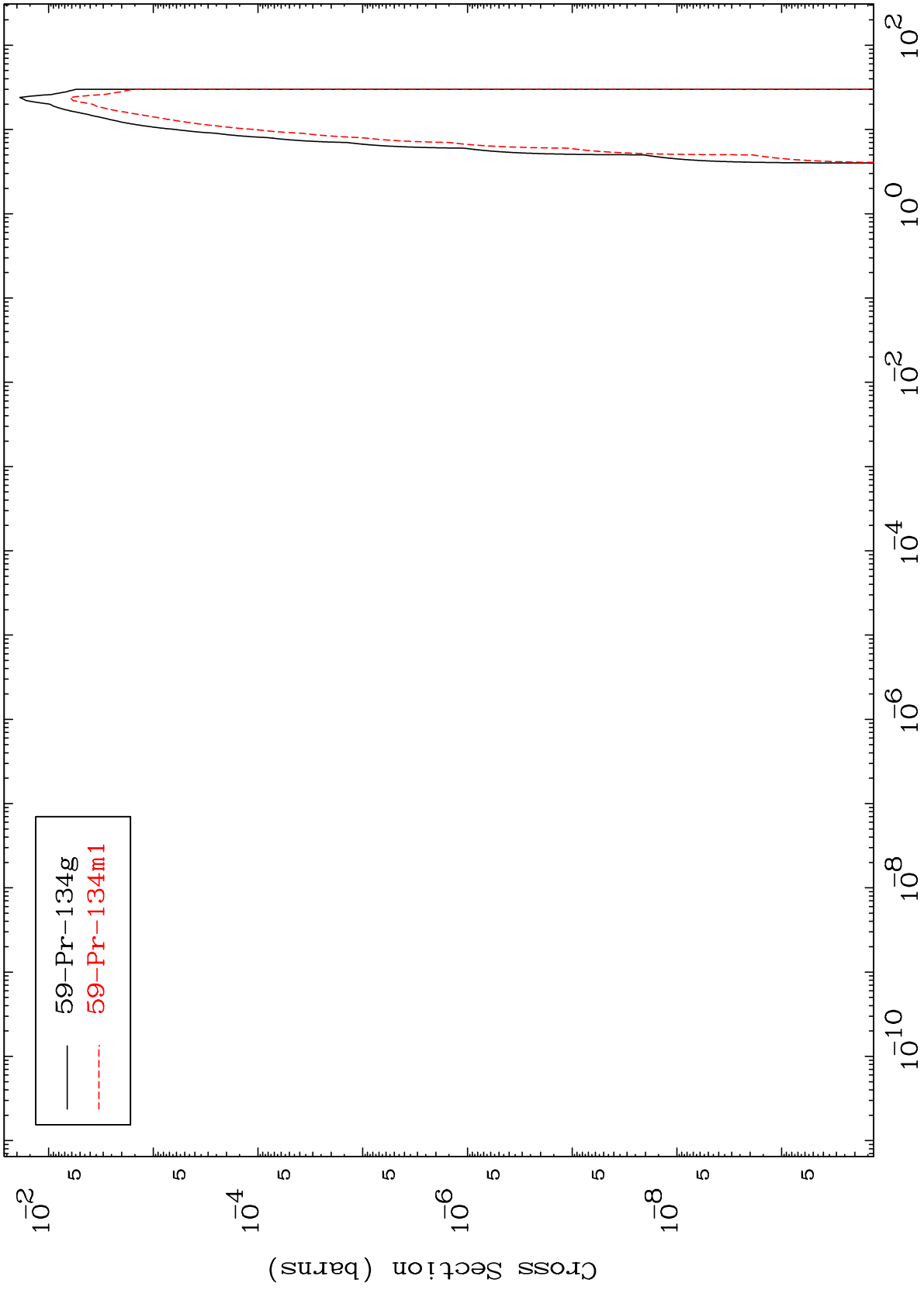
Incident Energy (MeV)

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

MAT 6010

Radionuclide Production Cross Section
(p, α)

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



18

Incident Energy (MeV)

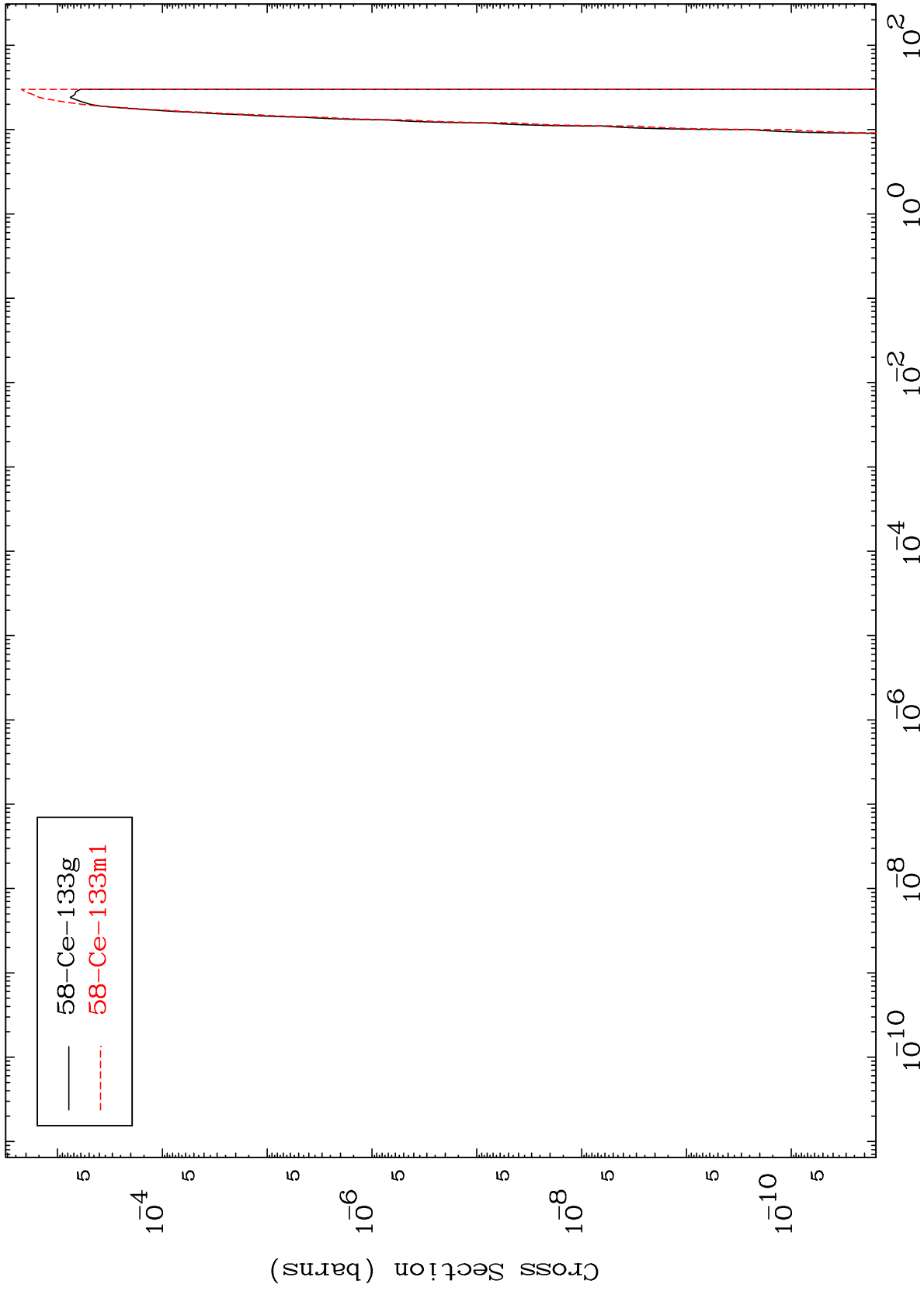
$^{60}\text{Nd-137}$

MAT 6010

(p,p) α

60-Nd-137

Radionuclide Production Cross Section

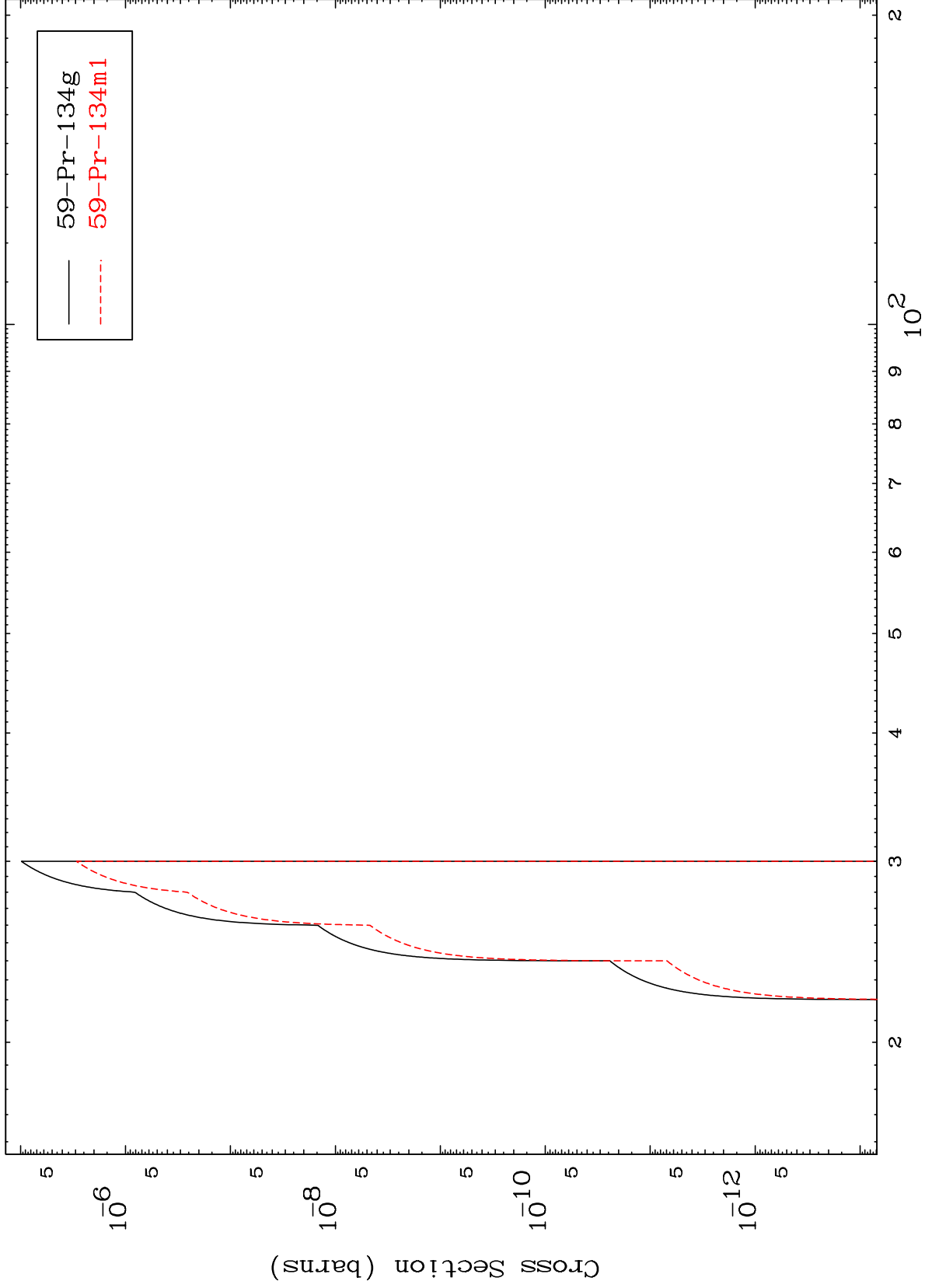


MAT 6010

(p,p) t

60-Nd-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

60-Nd-137