

Program EVALPLOT
(Version 2018-1)

by

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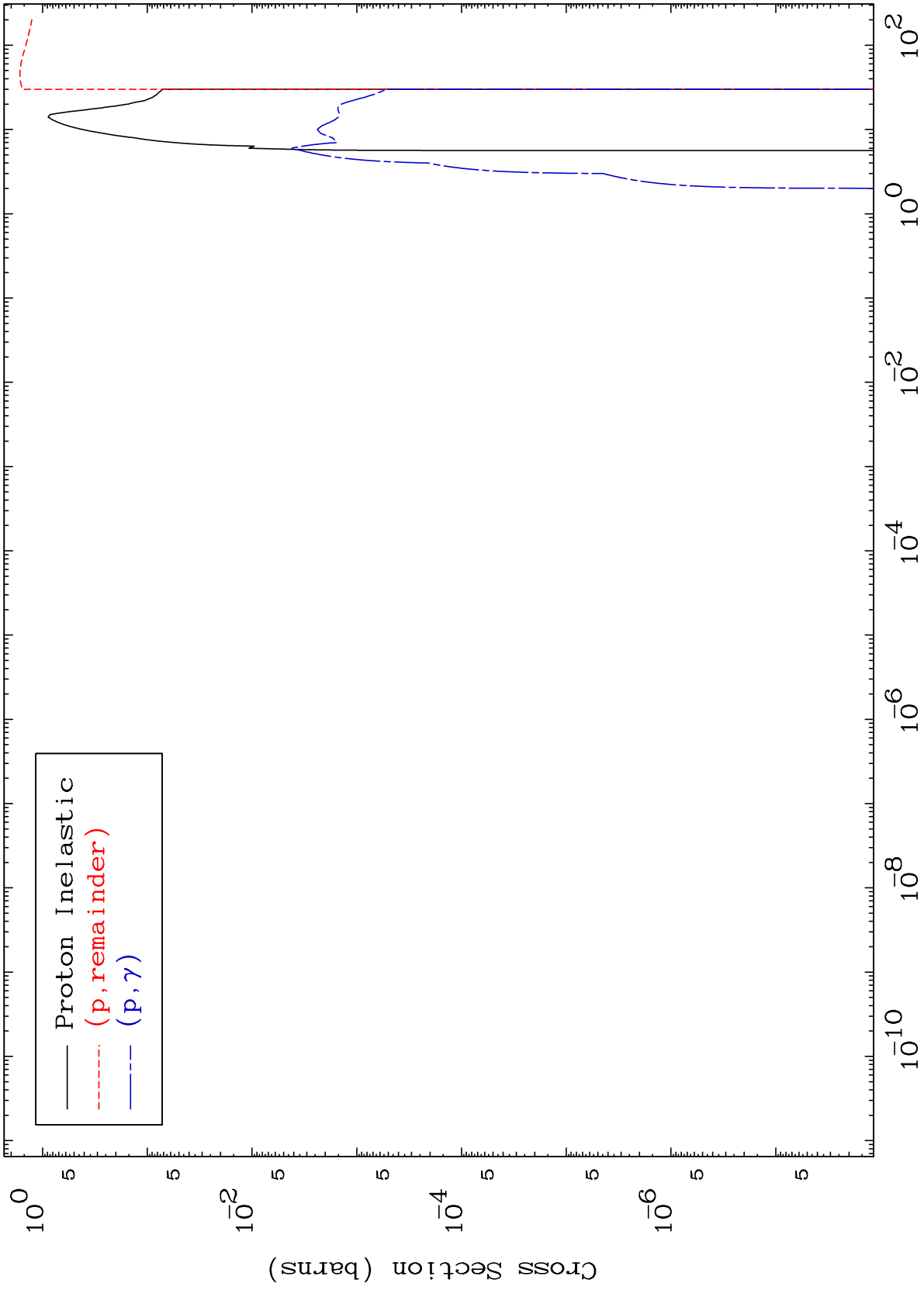
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6025

Proton Major
0 Kelvin Cross Sections

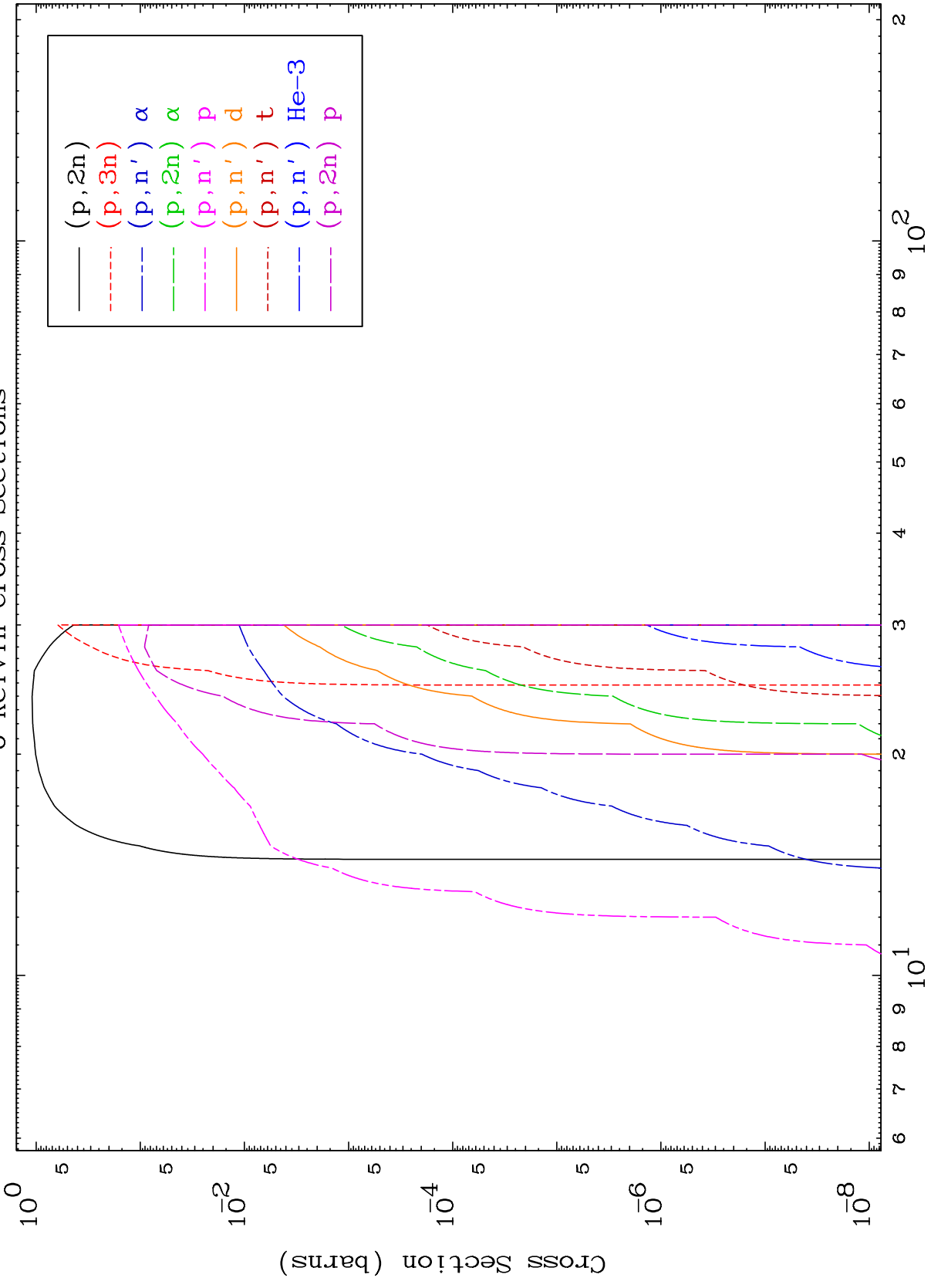
60-Nd-142



MAT 6025

Proton Neutron Production
0 Kelvin Cross Sections

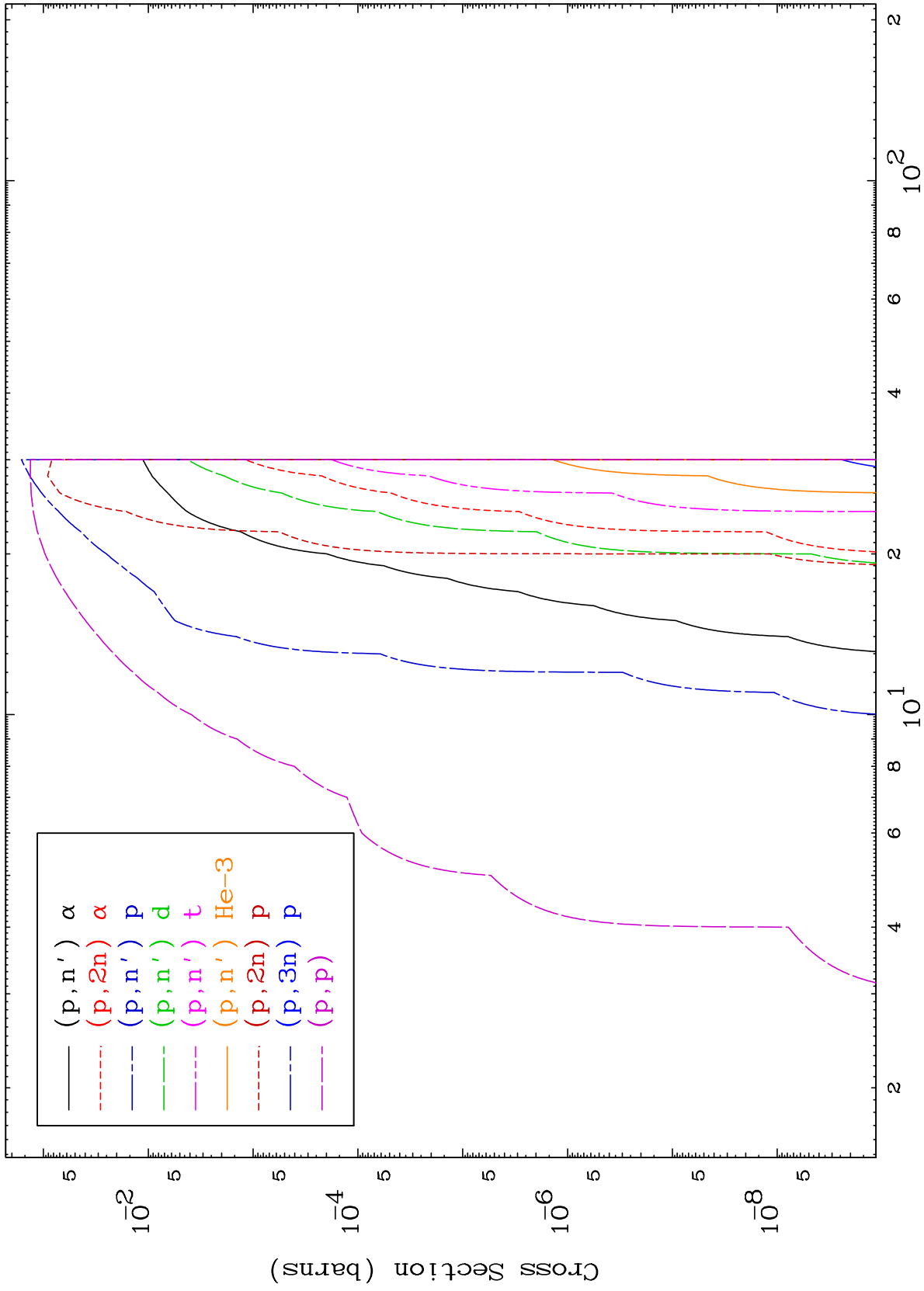
60-Nd-142



2

Incident Energy (MeV)

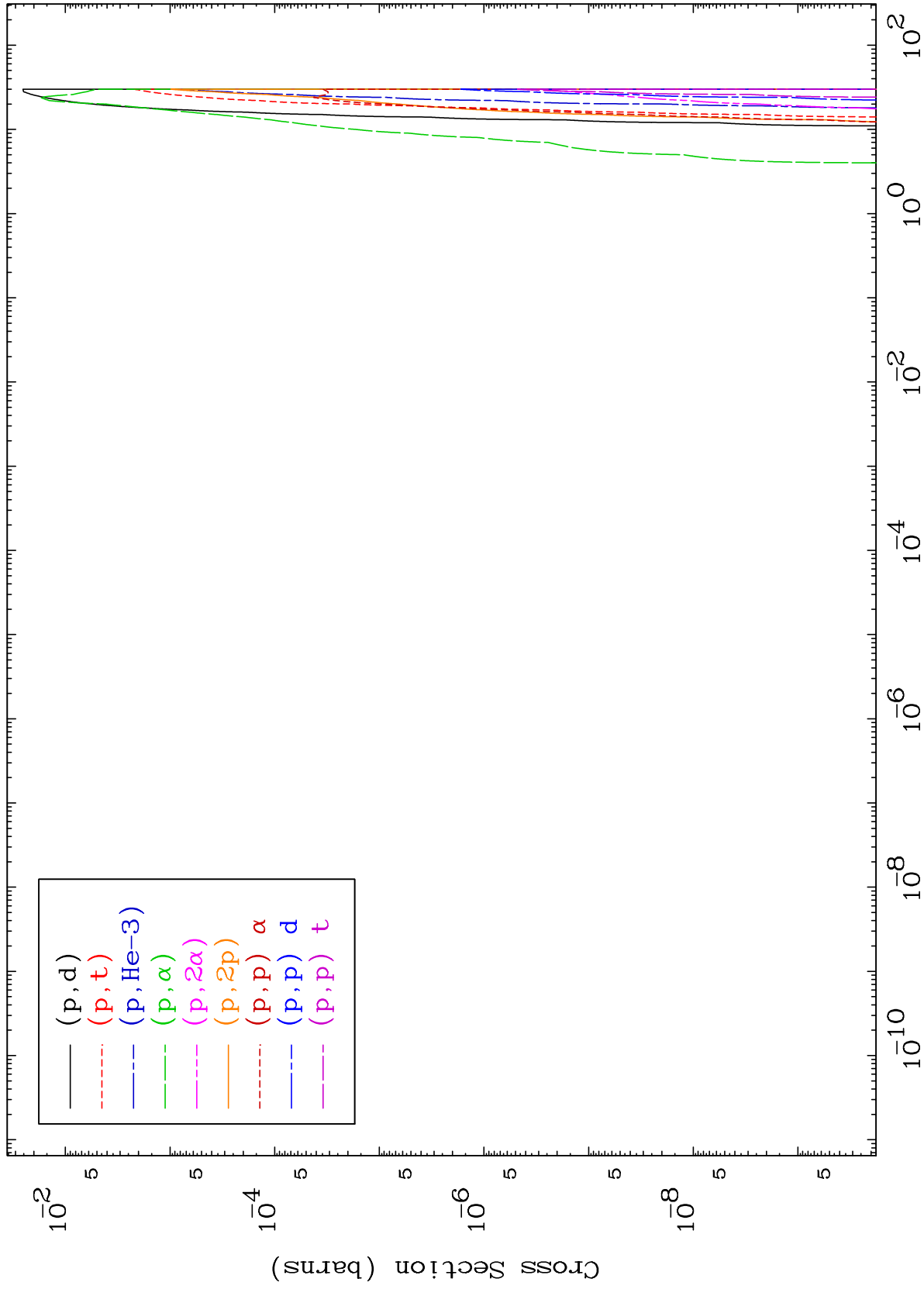
60-Nd-142



MAT 6025

Proton Charged Particle
0 Kelvin Cross Sections

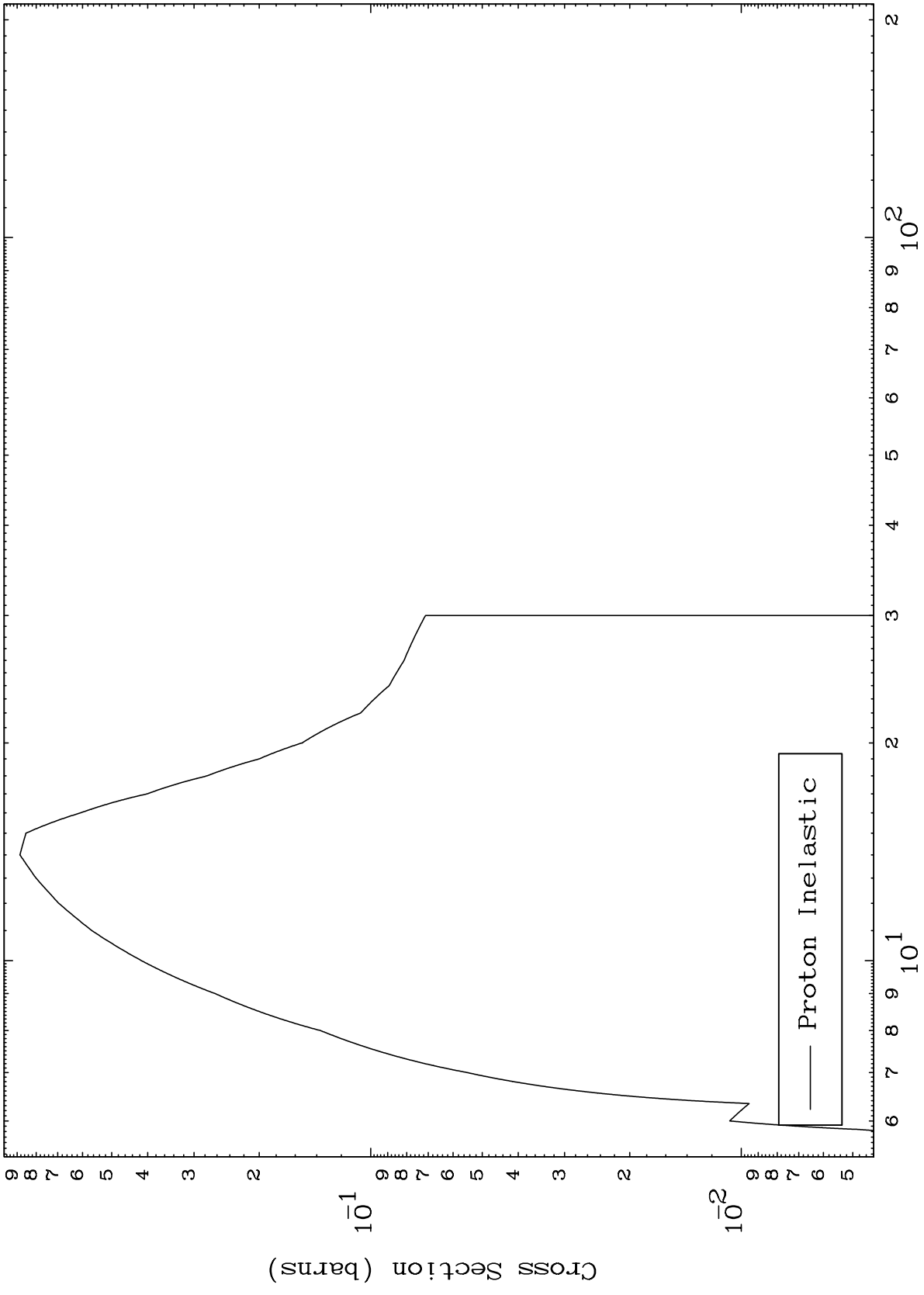
60-Nd-142



MAT 6025

(p,n') Level
0 Kelvin Cross Sections

60-Nd-142



5

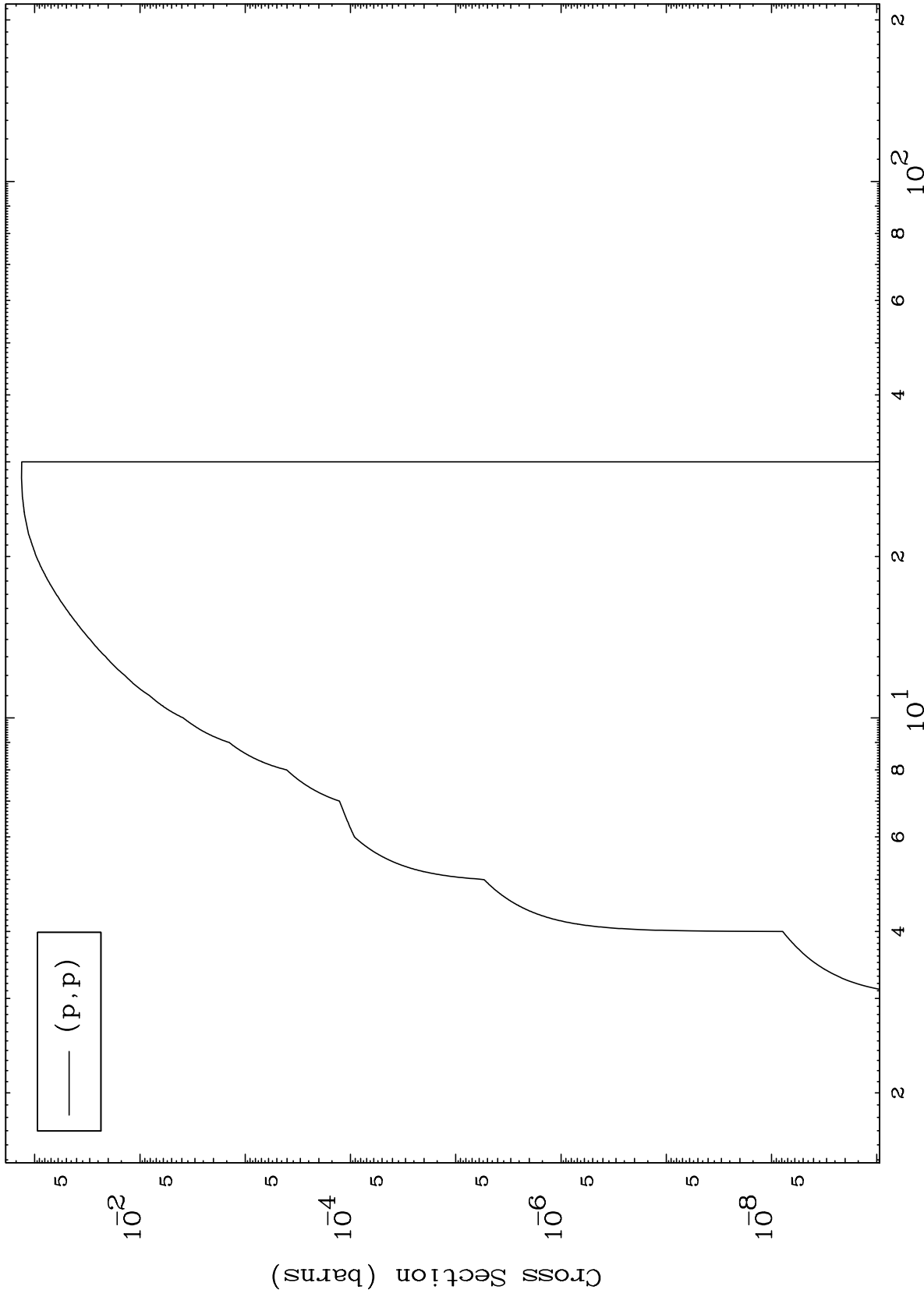
Incident Energy (MeV)

60-Nd-142

MAT 6025

(p,p) Levels
0 Kelvin Cross Sections

60-Nd-142



6

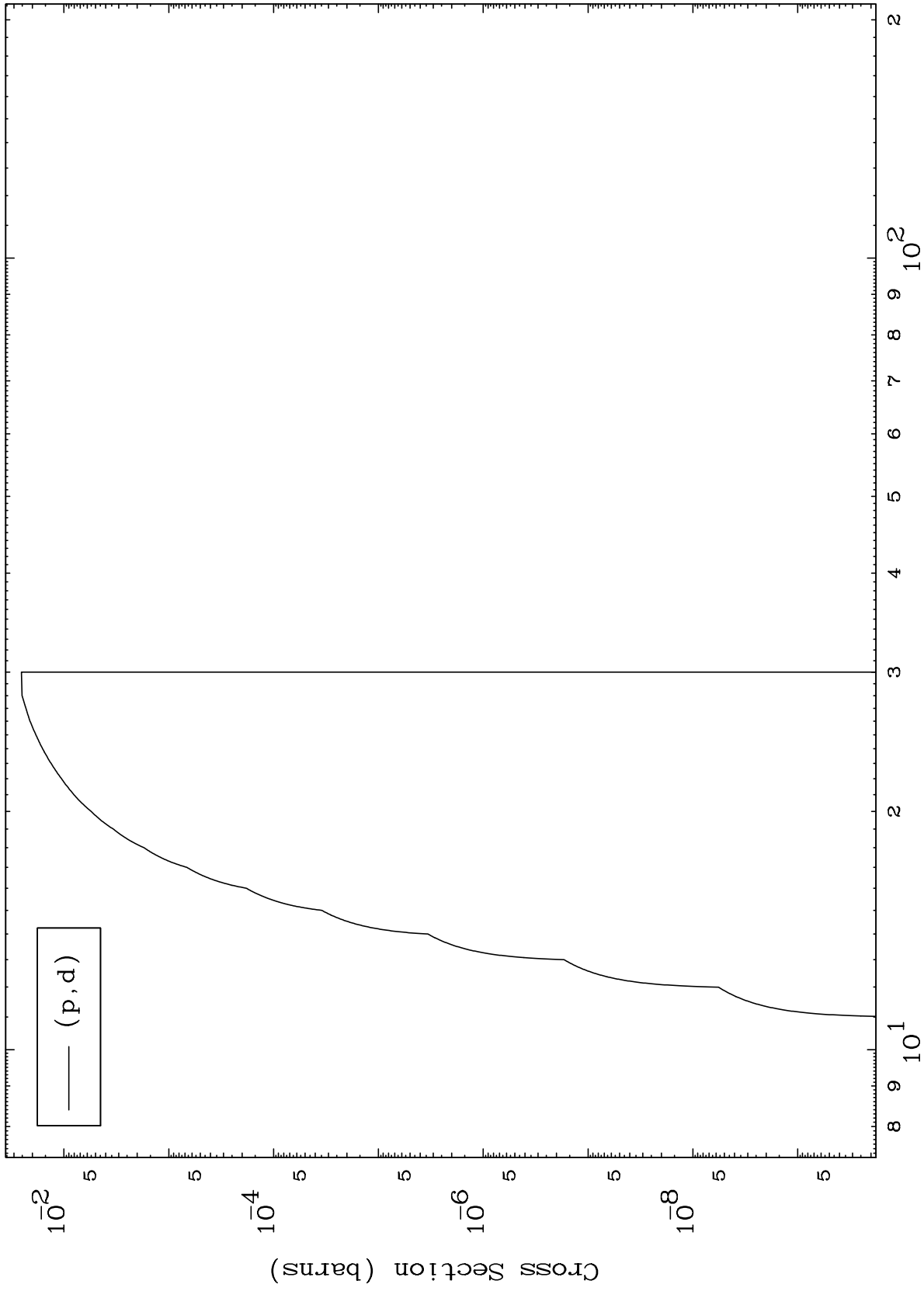
Incident Energy (MeV)

60-Nd-142

MAT 6025

(p,d) Levels
0 Kelvin Cross Sections

60-Nd-142



7

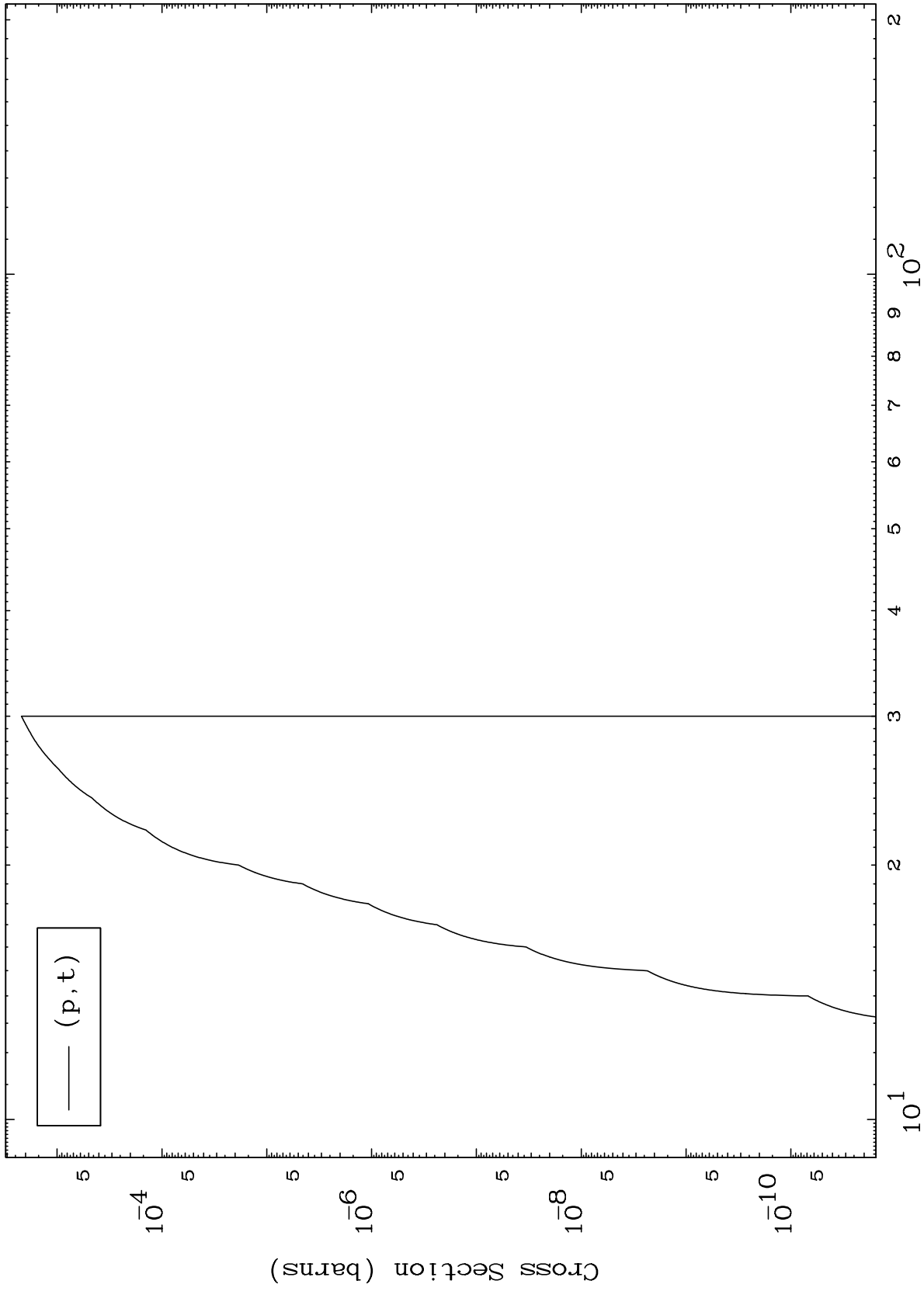
Incident Energy (MeV)

60-Nd-142

MAT 6025

(p,t) Levels
0 Kelvin Cross Sections

60-Nd-142



8

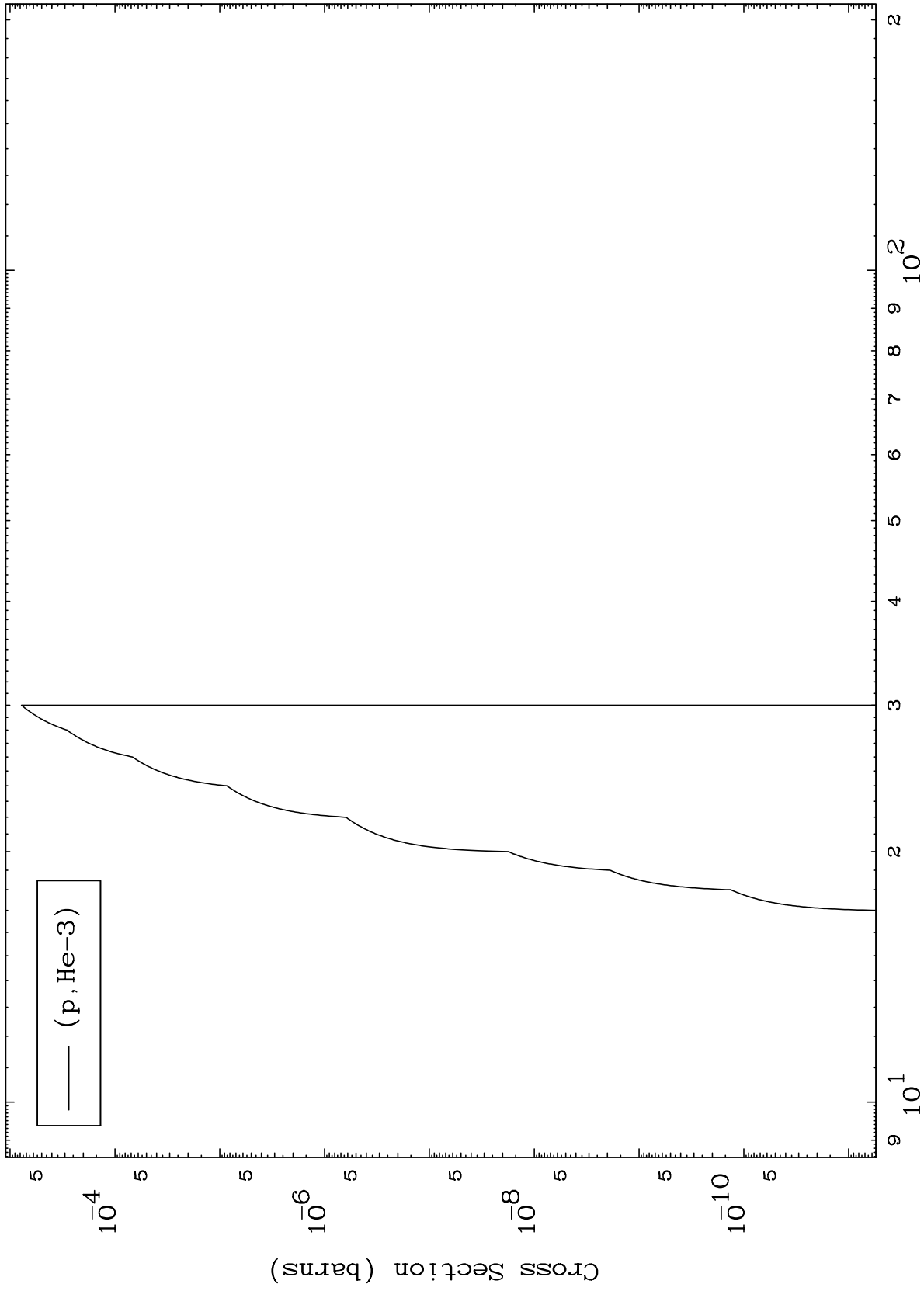
Incident Energy (MeV)

60-Nd-142

MAT 6025

(p,He3) Levels
0 Kelvin Cross Sections

60-Nd-142



9

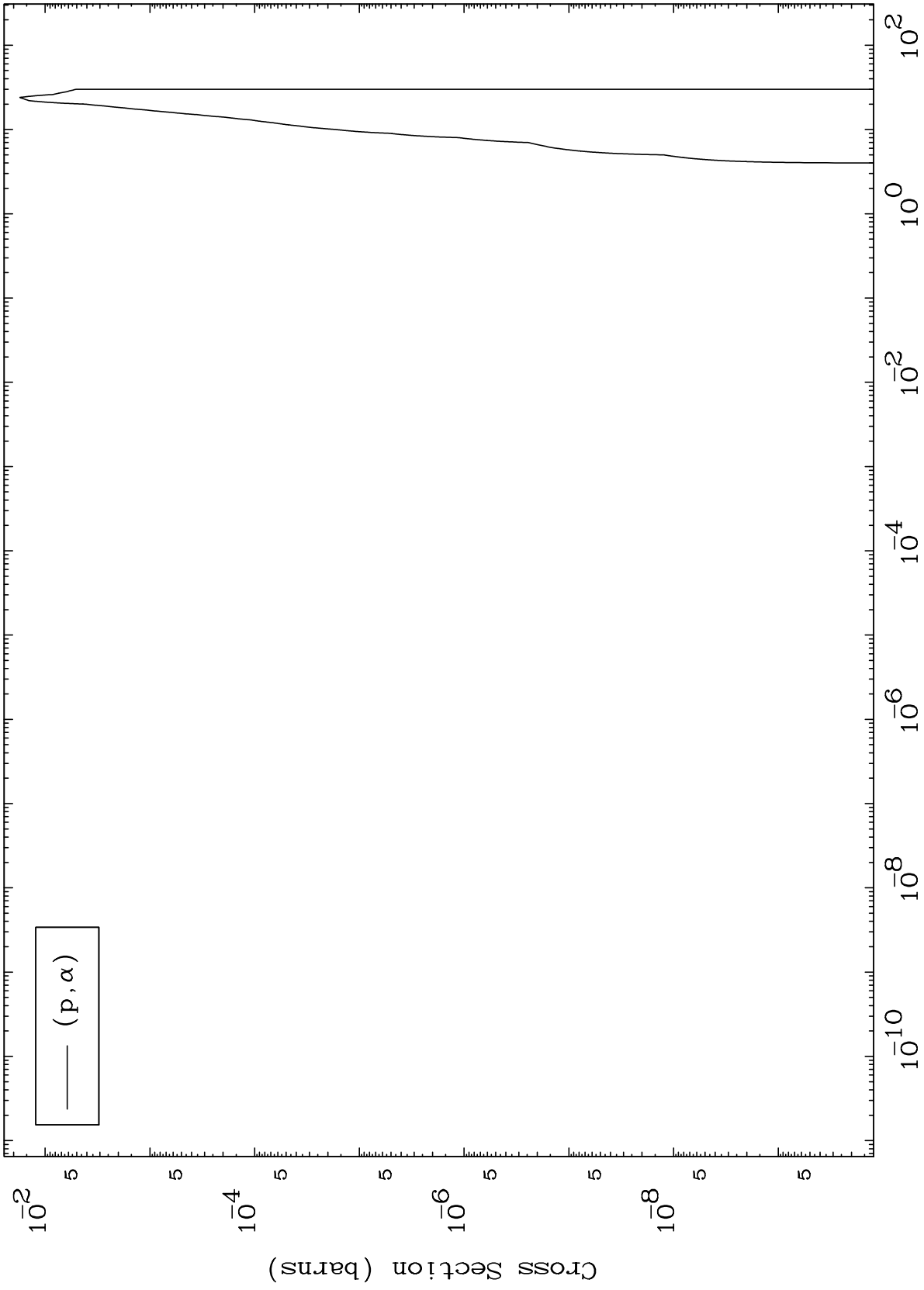
Incident Energy (MeV)

60-Nd-142

MAT 6025

(p,α) Levels
0 Kelvin Cross Sections

60-Nd-142



10

Incident Energy (MeV)

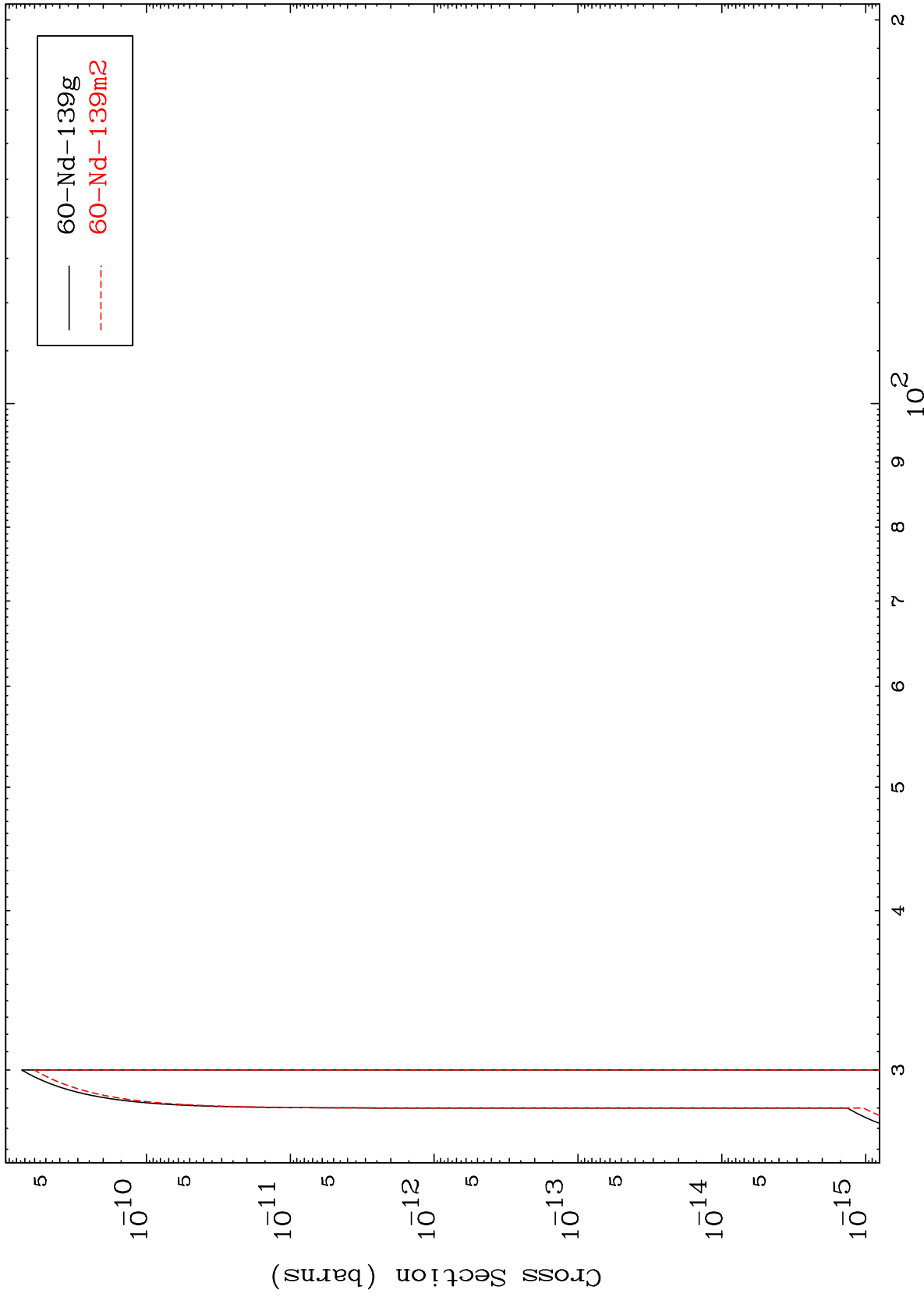
60-Nd-142

MAT 6025

(p,2n) d

⁶⁰Nd-142

Radionuclide Production Cross Section



11

Incident Energy (MeV)

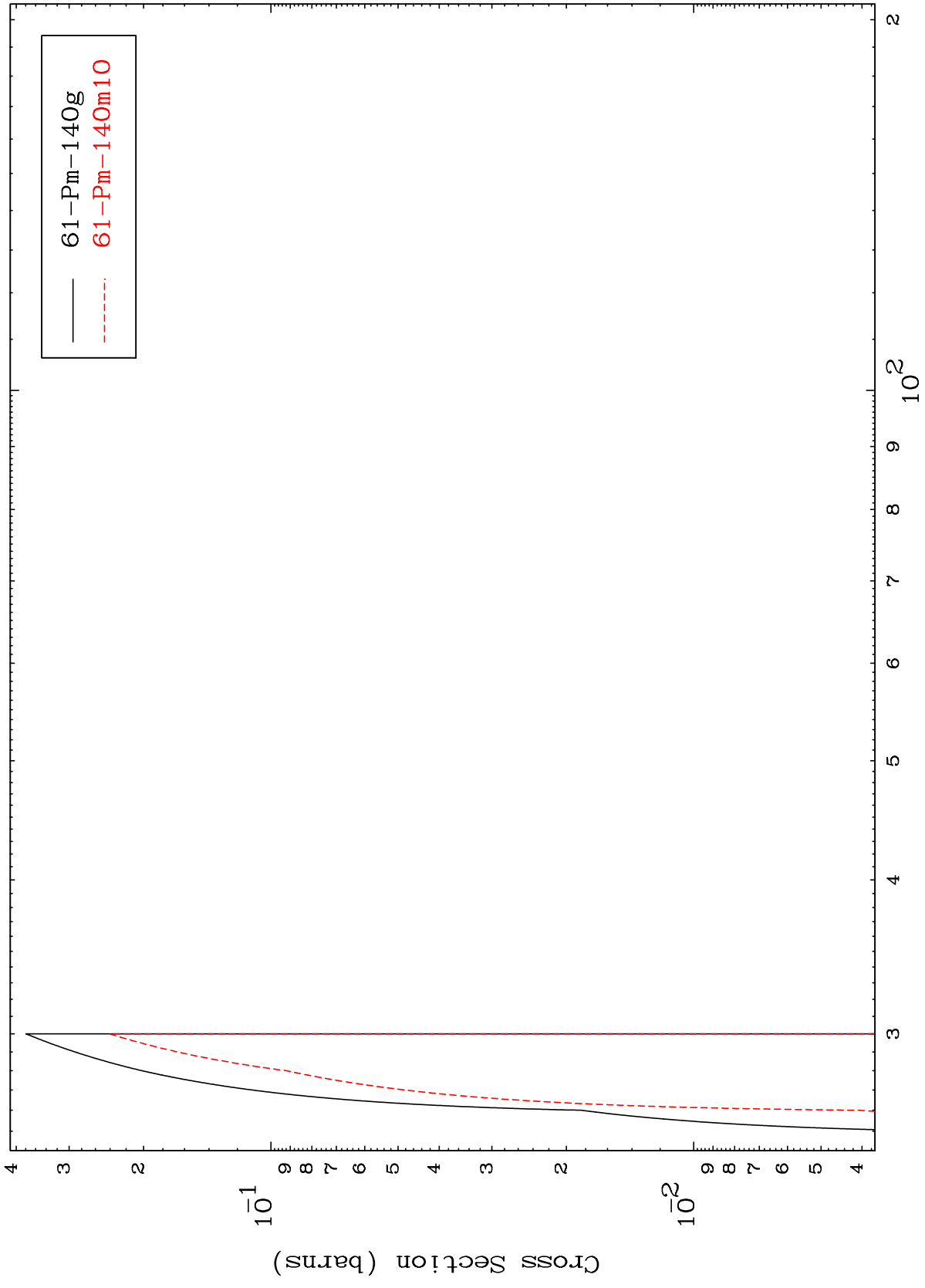
⁶⁰Nd-142

MAT 6025

(p,3n)

⁶⁰Nd-142

Radionuclide Production Cross Section

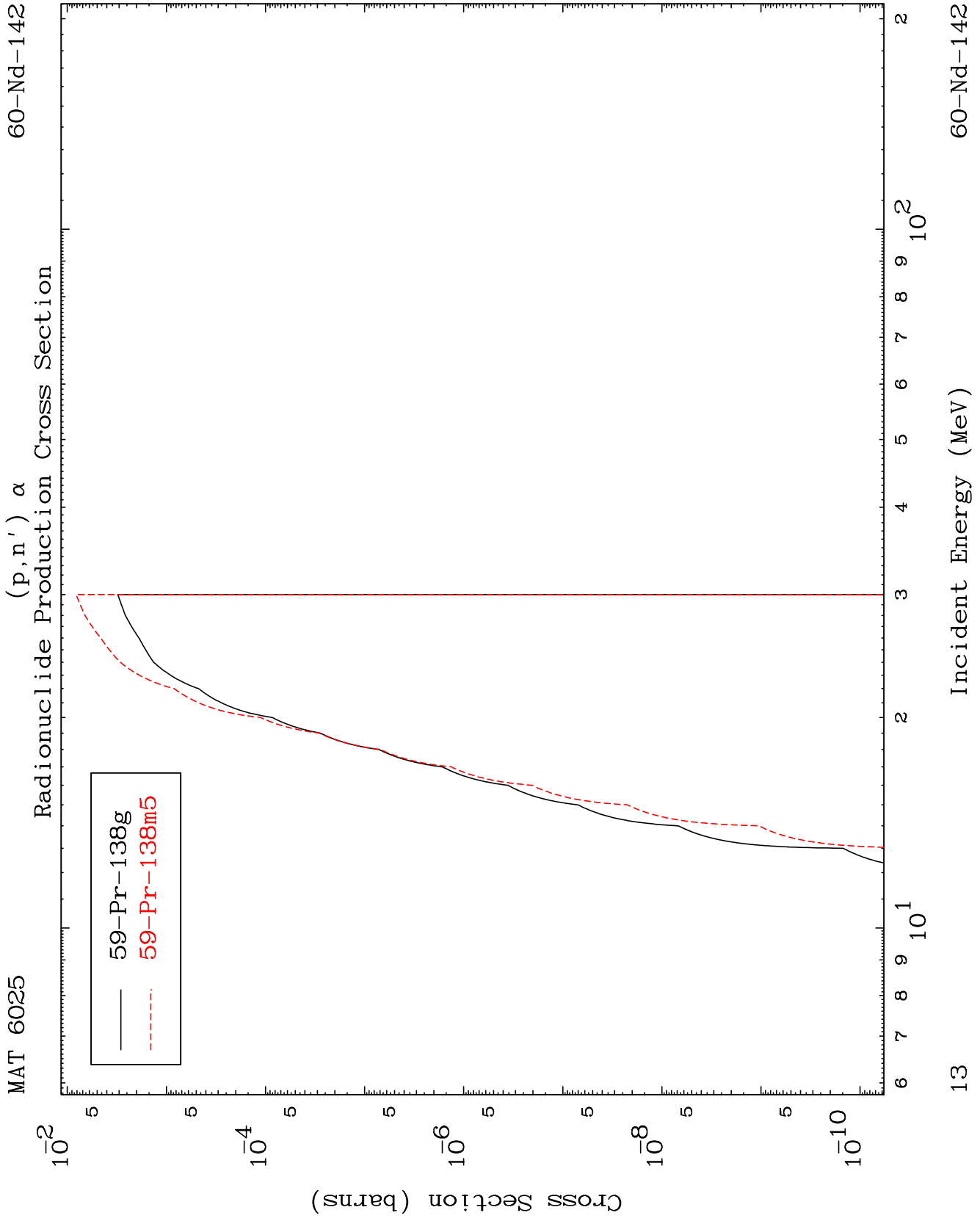


61-Pm-140g
61-Pm-140m10

12

Incident Energy (MeV)

⁶⁰Nd-142

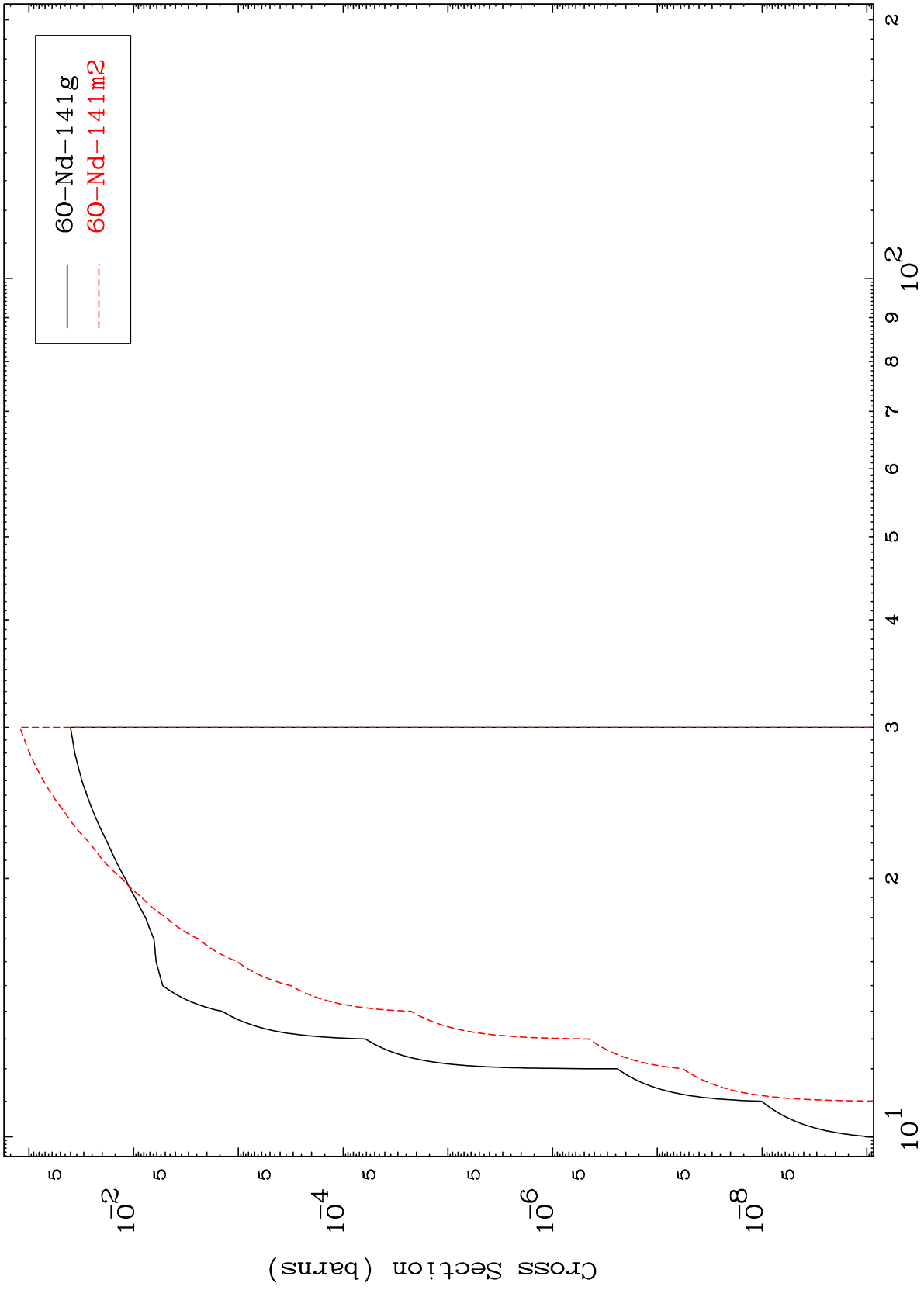


MAT 6025

(p,n') p

⁶⁰Nd-142

Radionuclide Production Cross Section



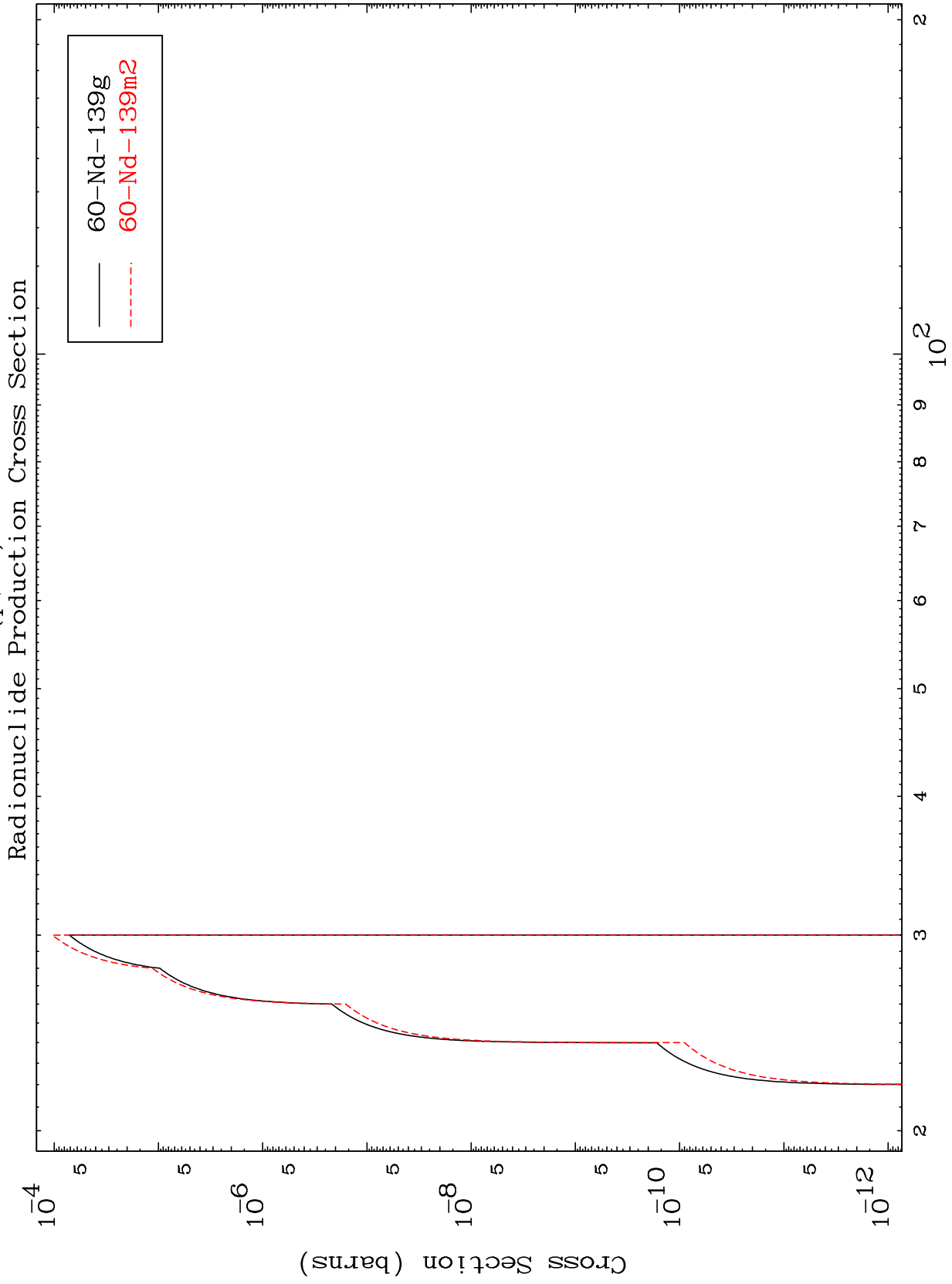
Incident Energy (MeV)

⁶⁰Nd-142

MAT 6025

(p,n') t

$^{60}\text{Nd}-142$



15

Incident Energy (MeV)

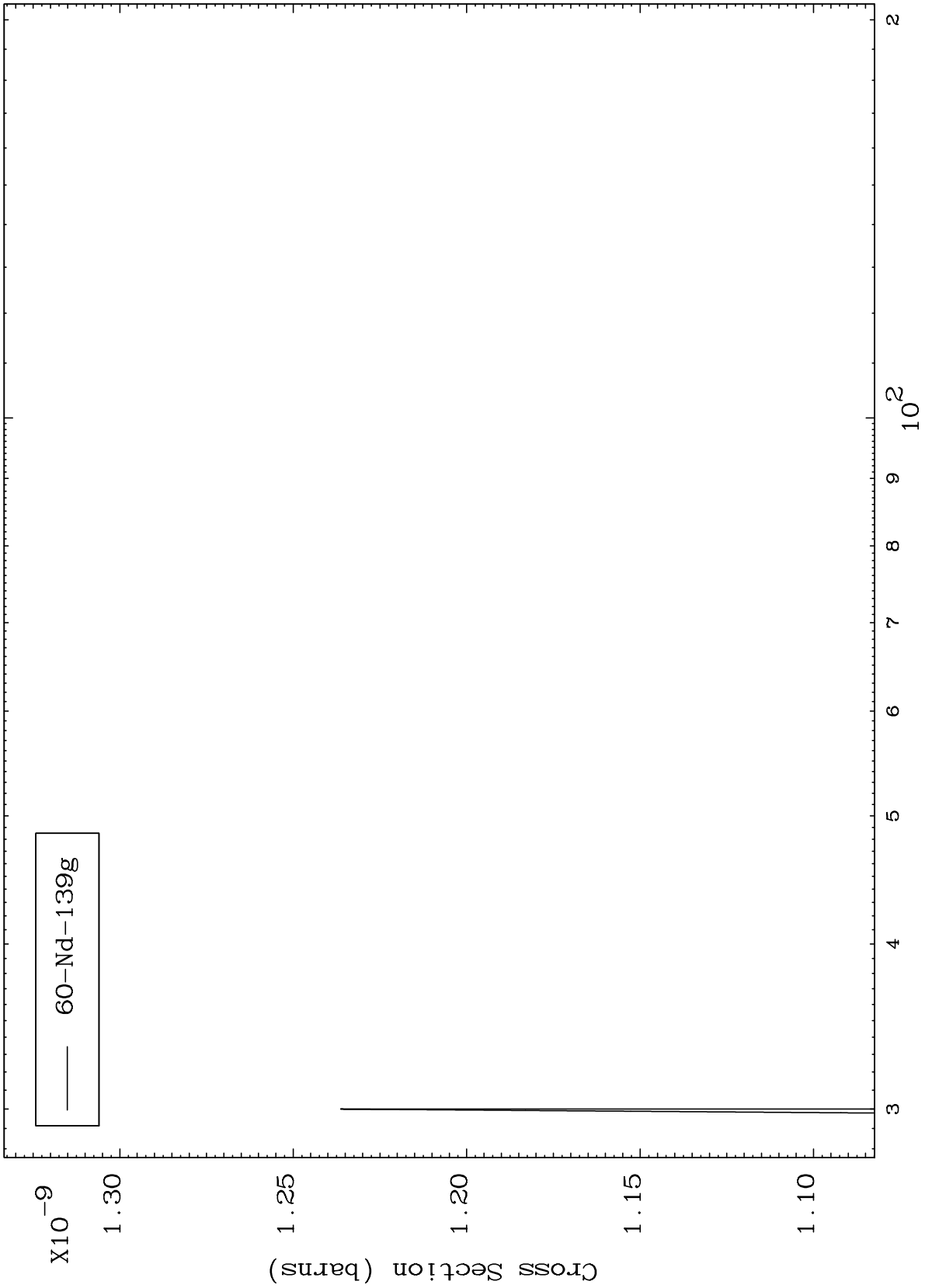
$^{60}\text{Nd}-142$

MAT 6025

(p,3n) p

60-Nd-142

Radionuclide Production Cross Section



— 60-Nd-139g

16

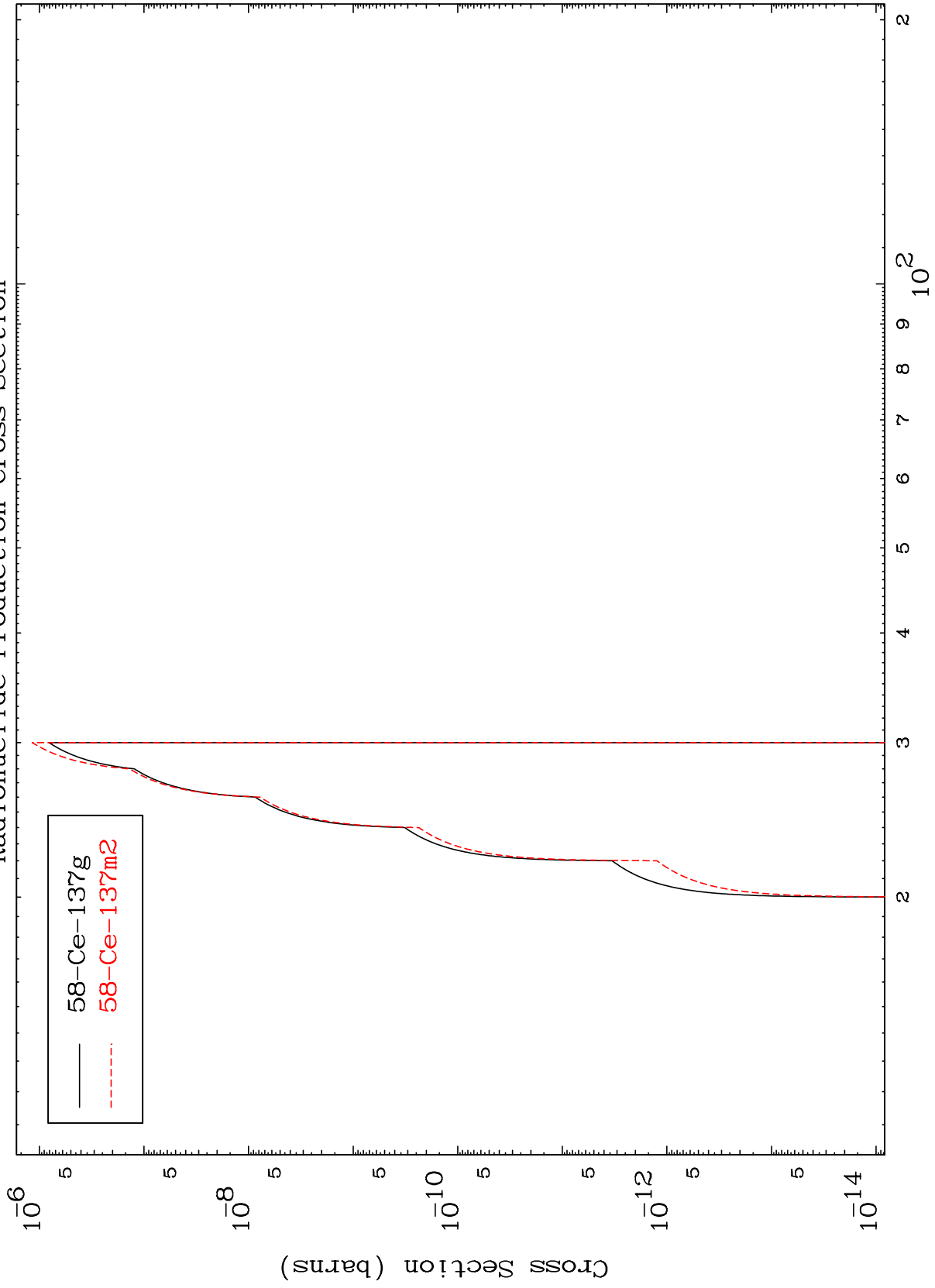
Incident Energy (MeV)

60-Nd-142

MAT 6025

60-Nd-142

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



17

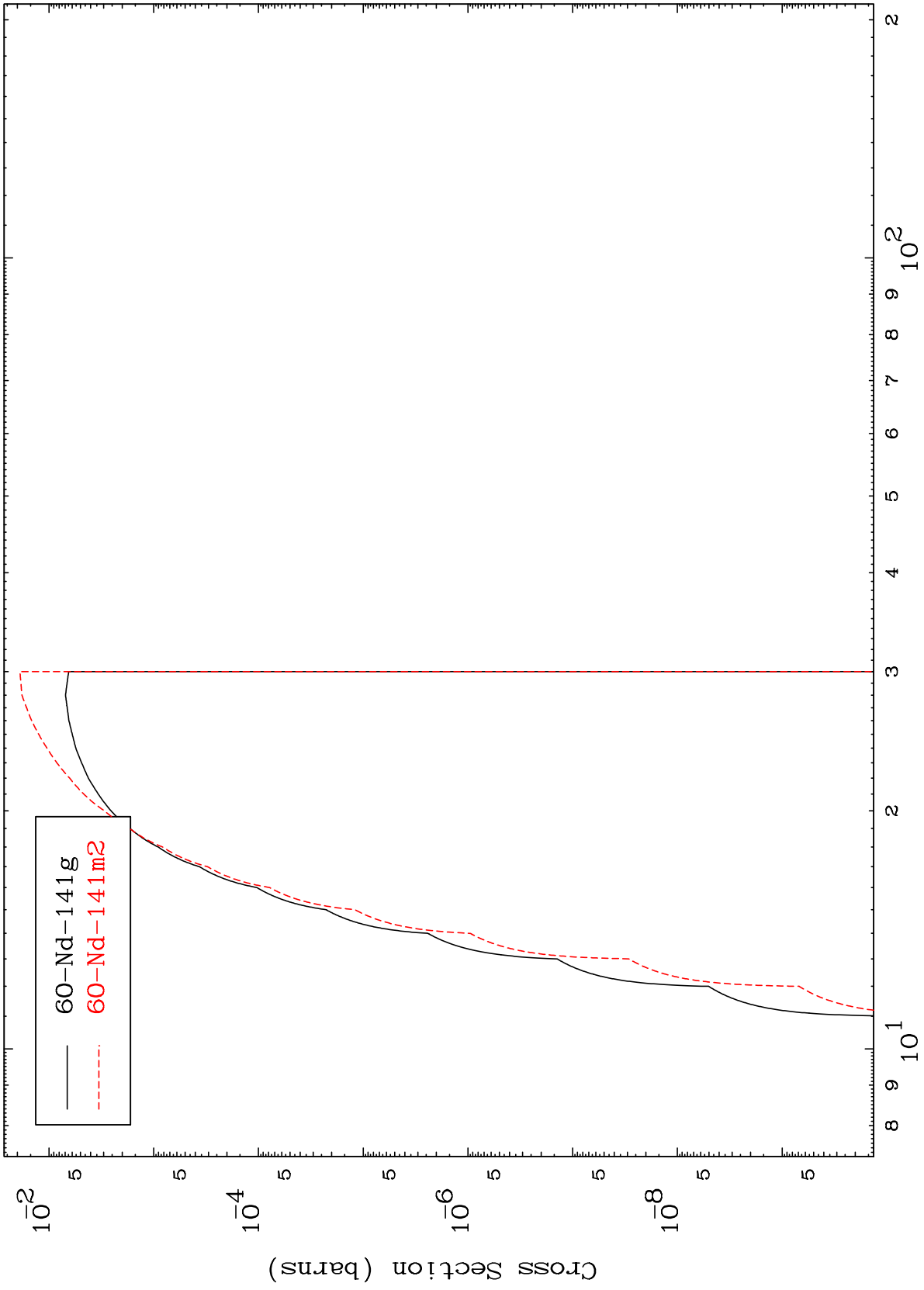
Incident Energy (MeV)

60-Nd-142

MAT 6025

60-Nd-142

(p,d)
Radionuclide Production Cross Section



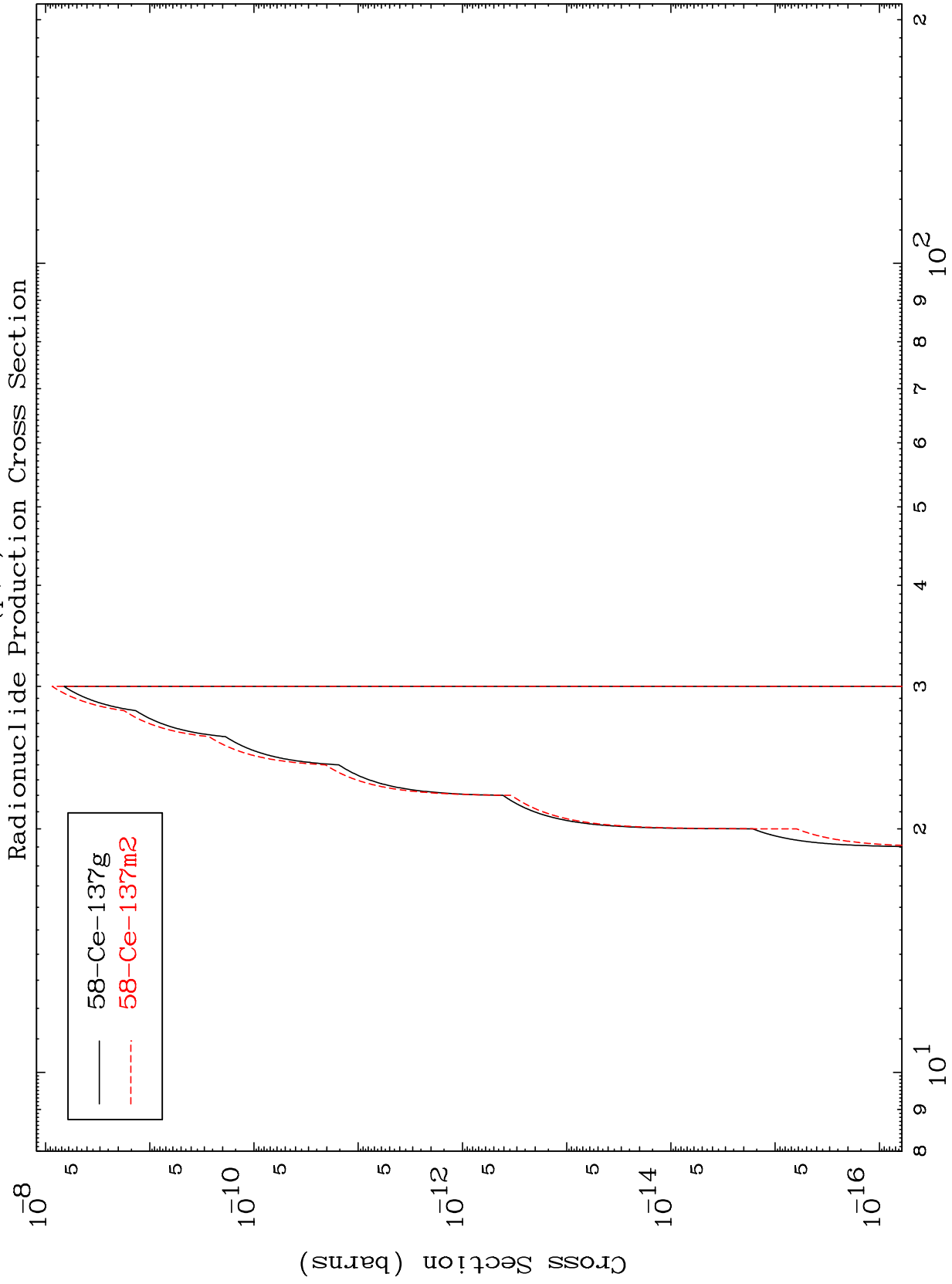
18

60-Nd-142

MAT 6025

(p,d) α

60-Nd-142



19

60-Nd-142