

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

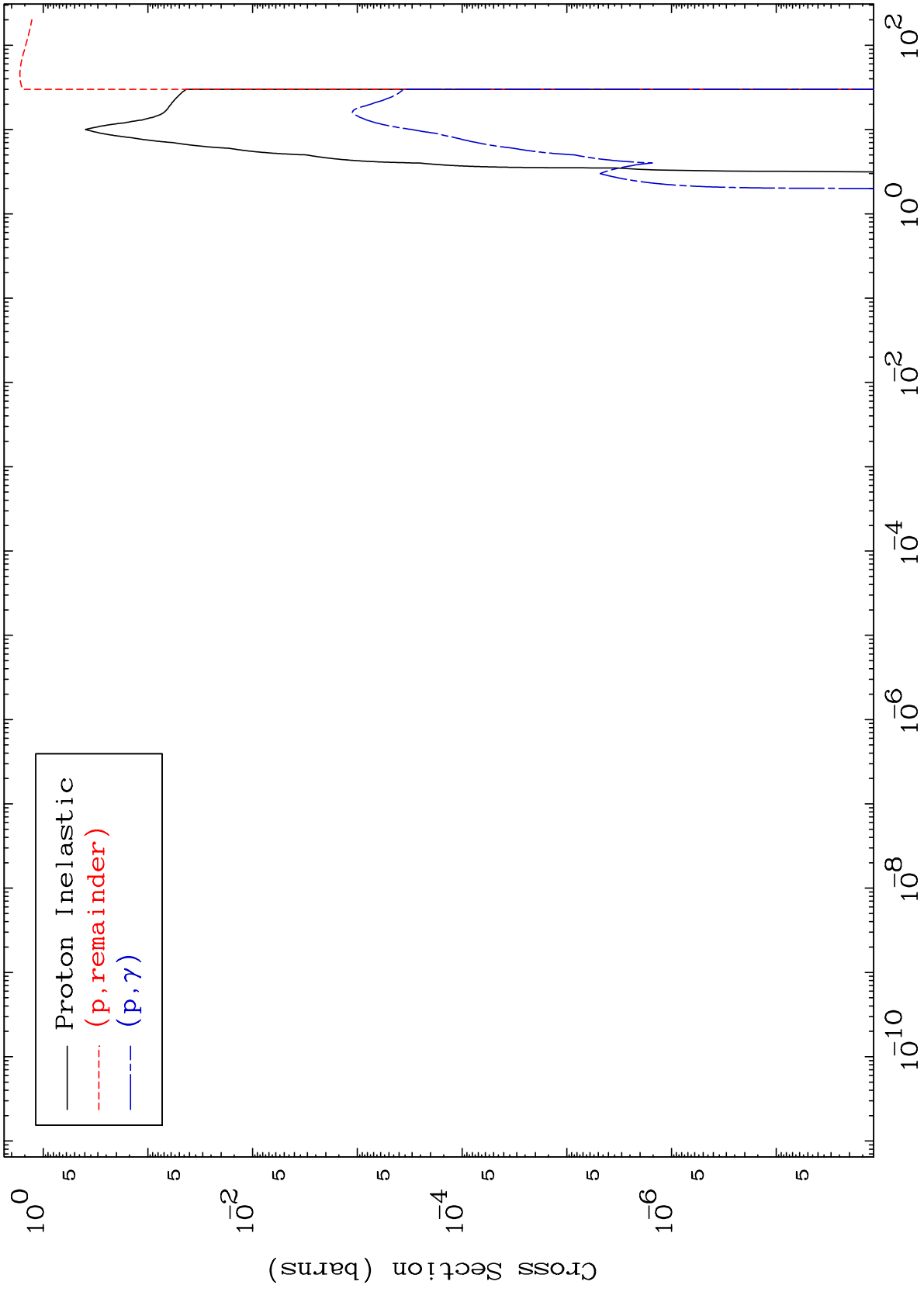
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6031

Proton Major
0 Kelvin Cross Sections

60-Nd-144

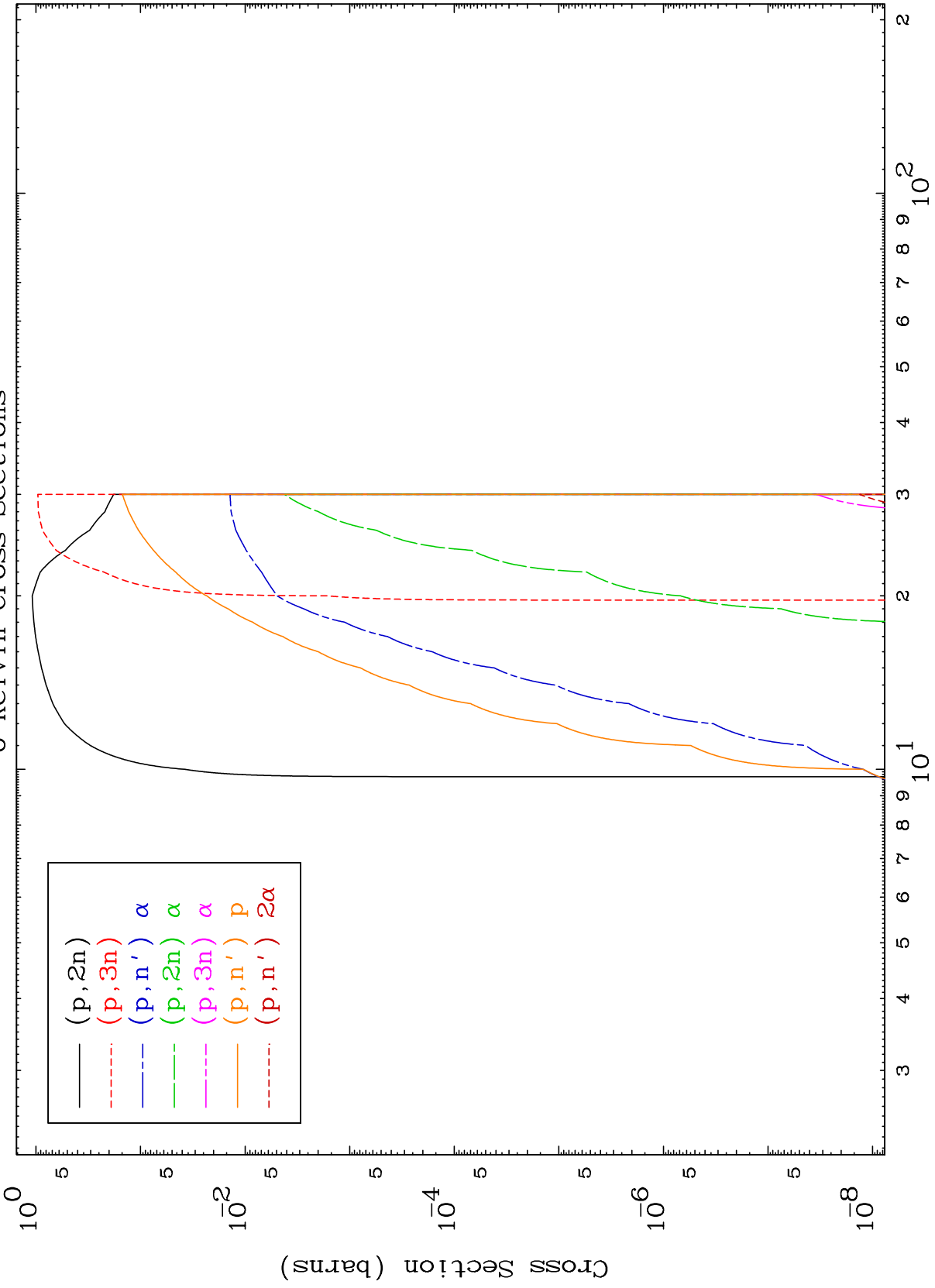


60-Nd-144

MAT 6031

Proton Neutron Production
0 Kelvin Cross Sections

60-Nd-144



2

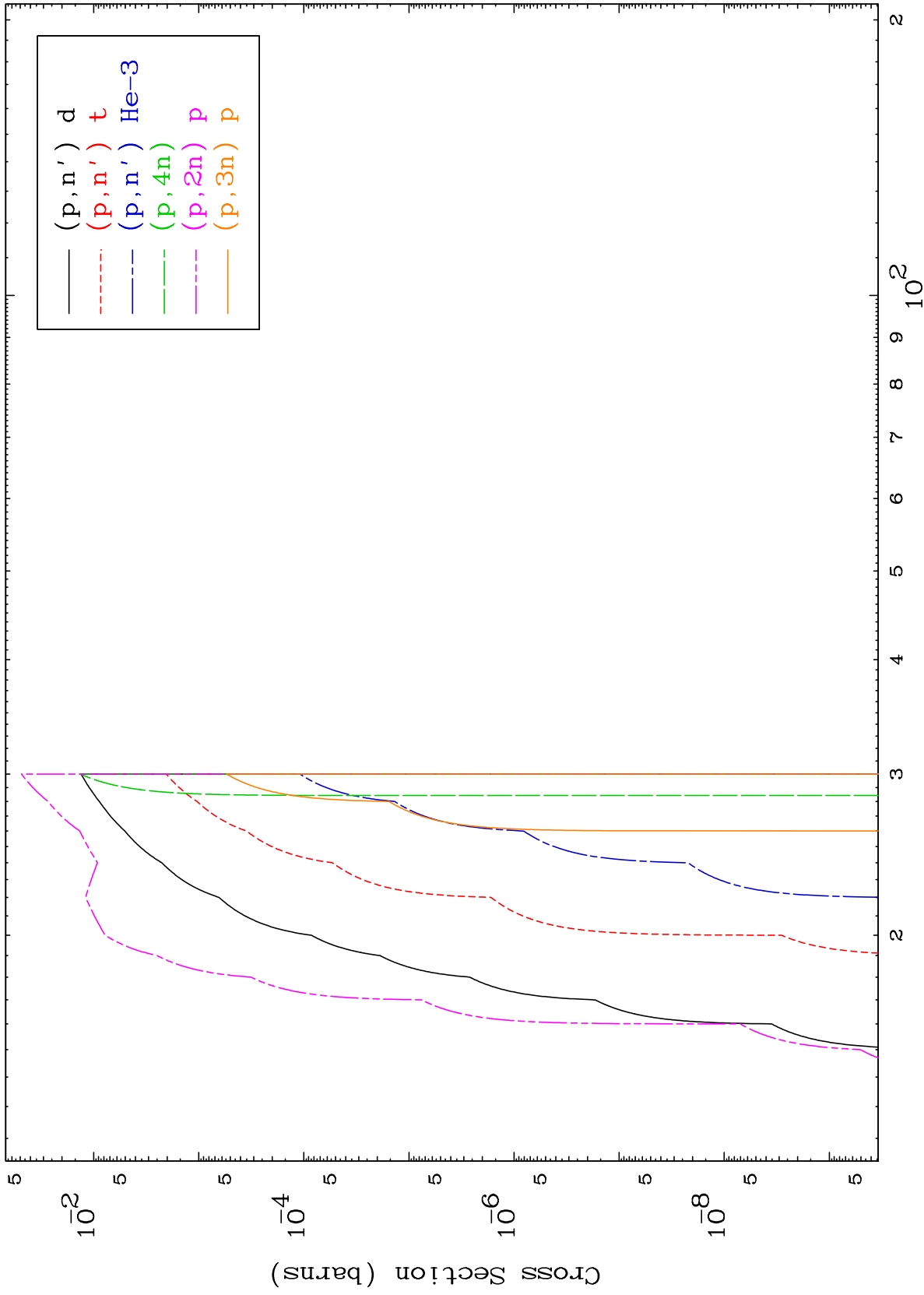
Incident Energy (MeV)

60-Nd-144

MAT 6031

Proton Neutron Production
0 Kelvin Cross Sections

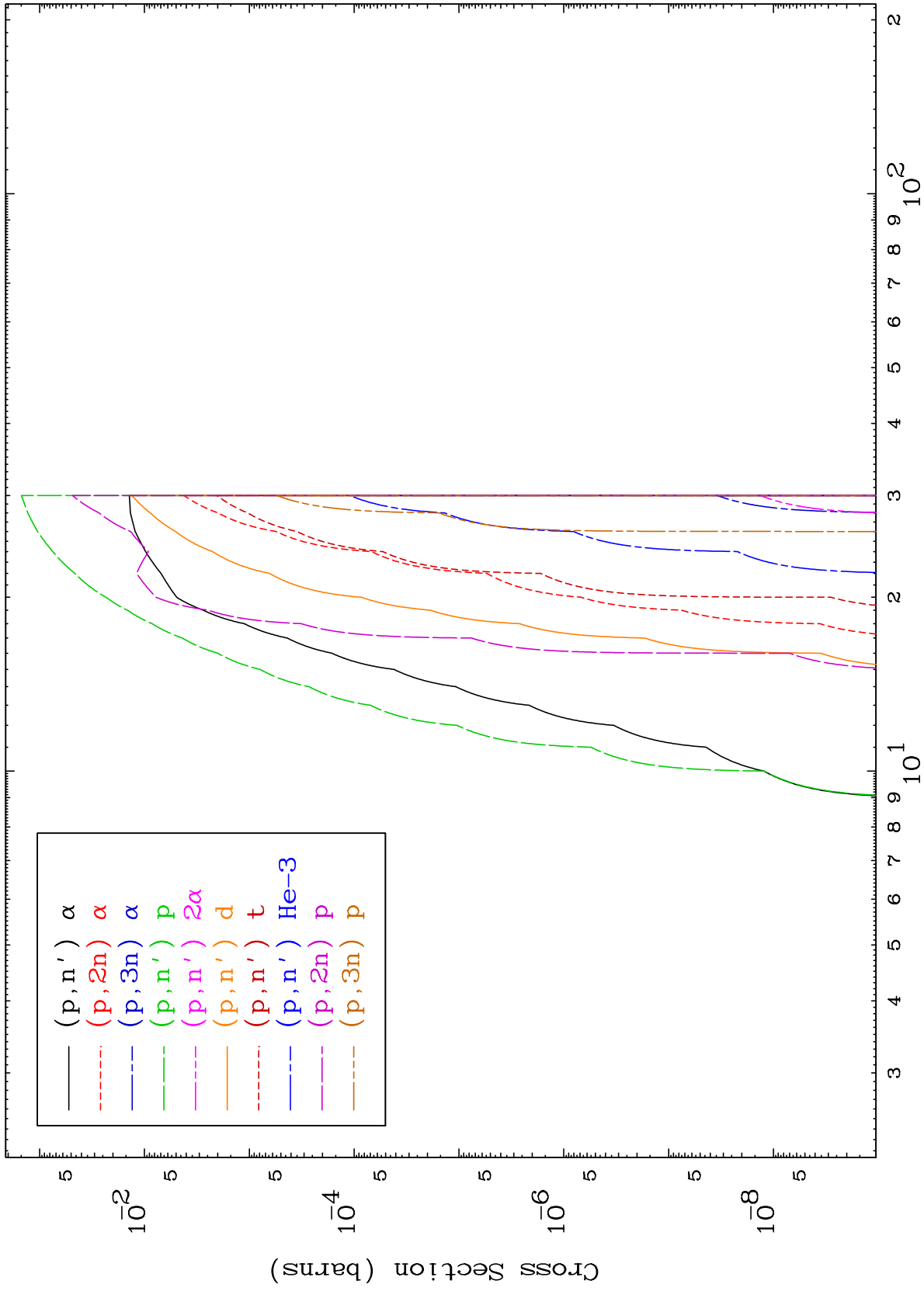
60-Nd-144



3

Incident Energy (MeV)

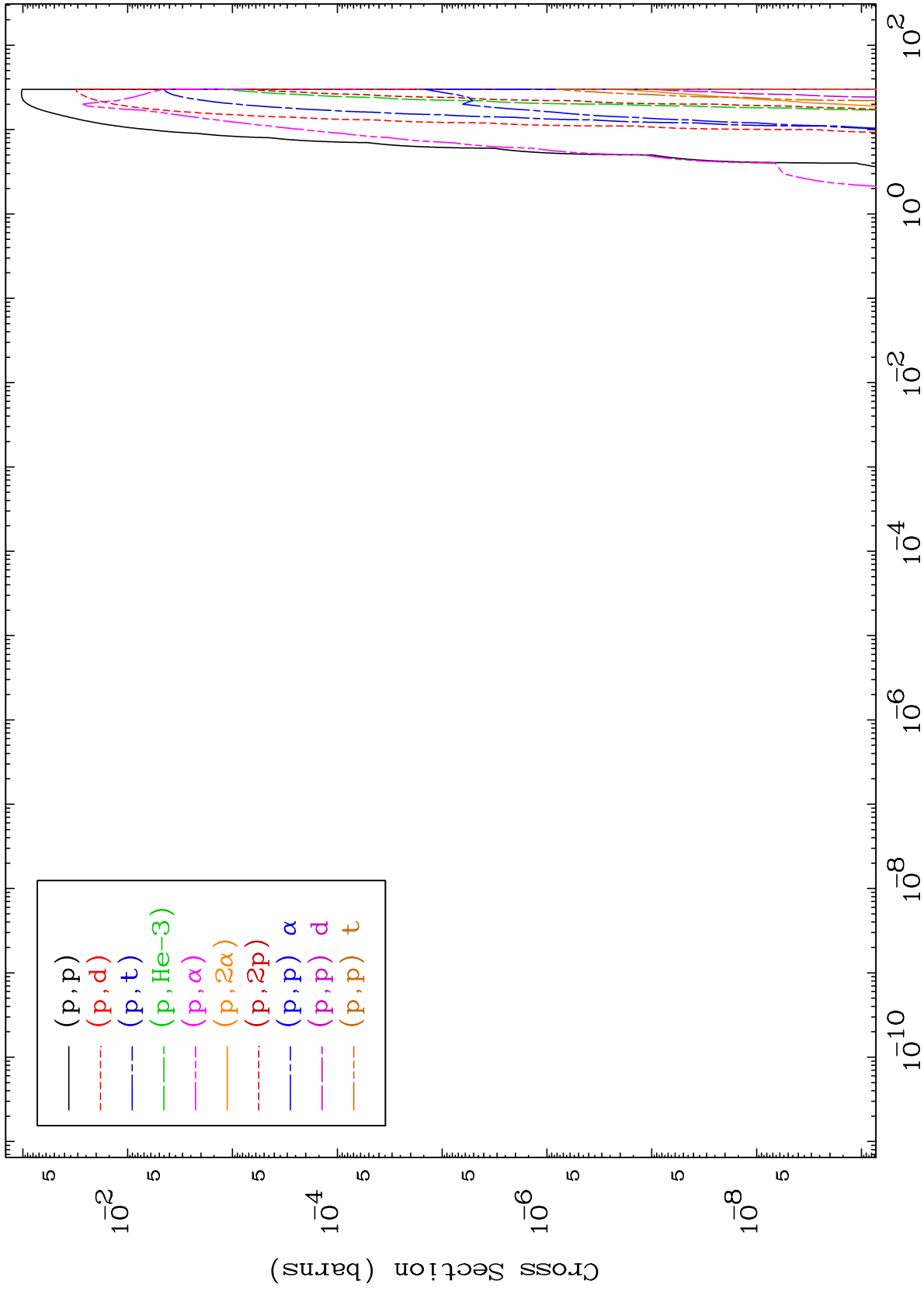
60-Nd-144



MAT 6031

Proton Charged Particle
0 Kelvin Cross Sections

60-Nd-144

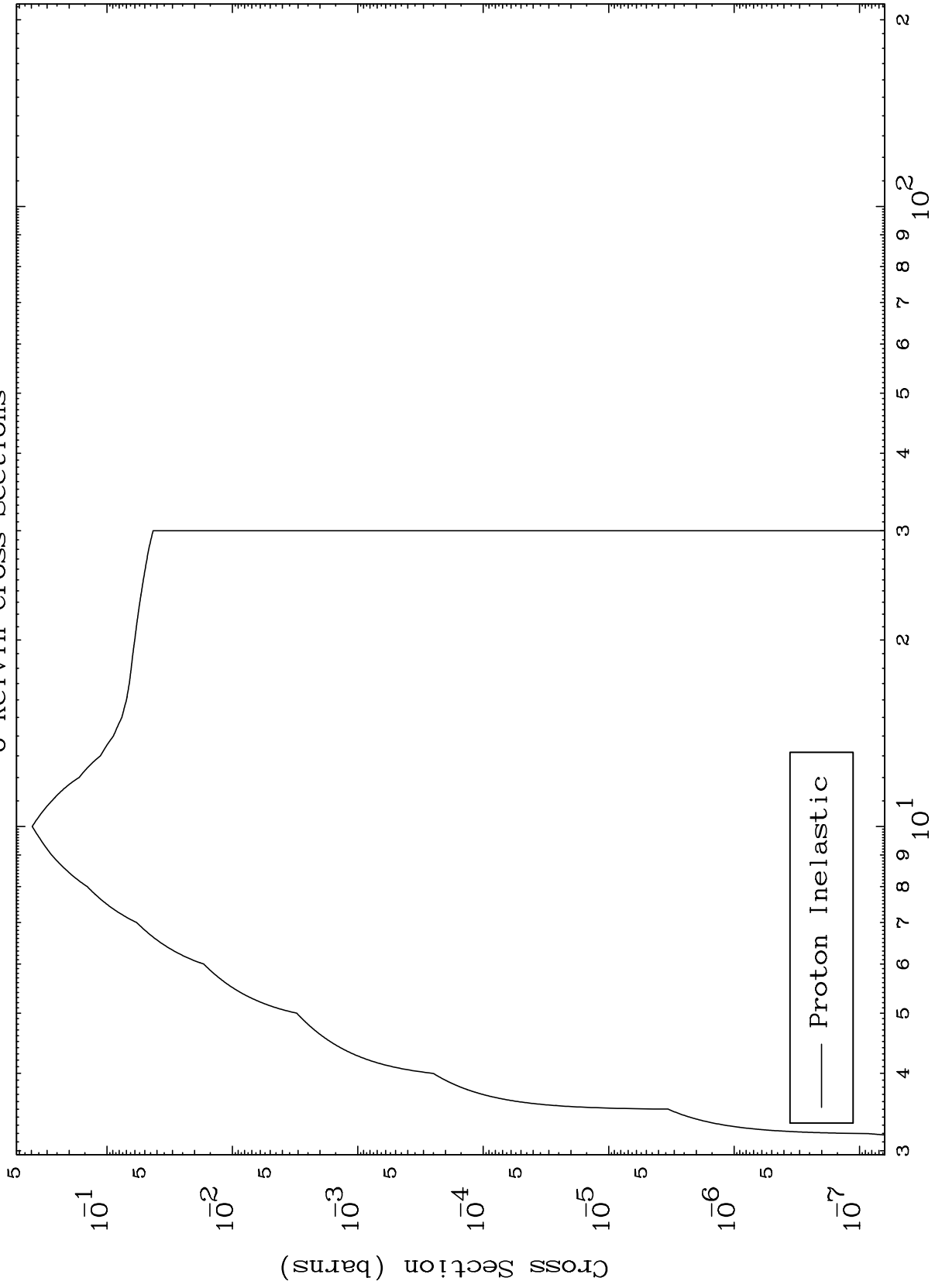


5

MAT 6031

(p,n') Level
0 Kelvin Cross Sections

60-Nd-144



Proton Inelastic

6

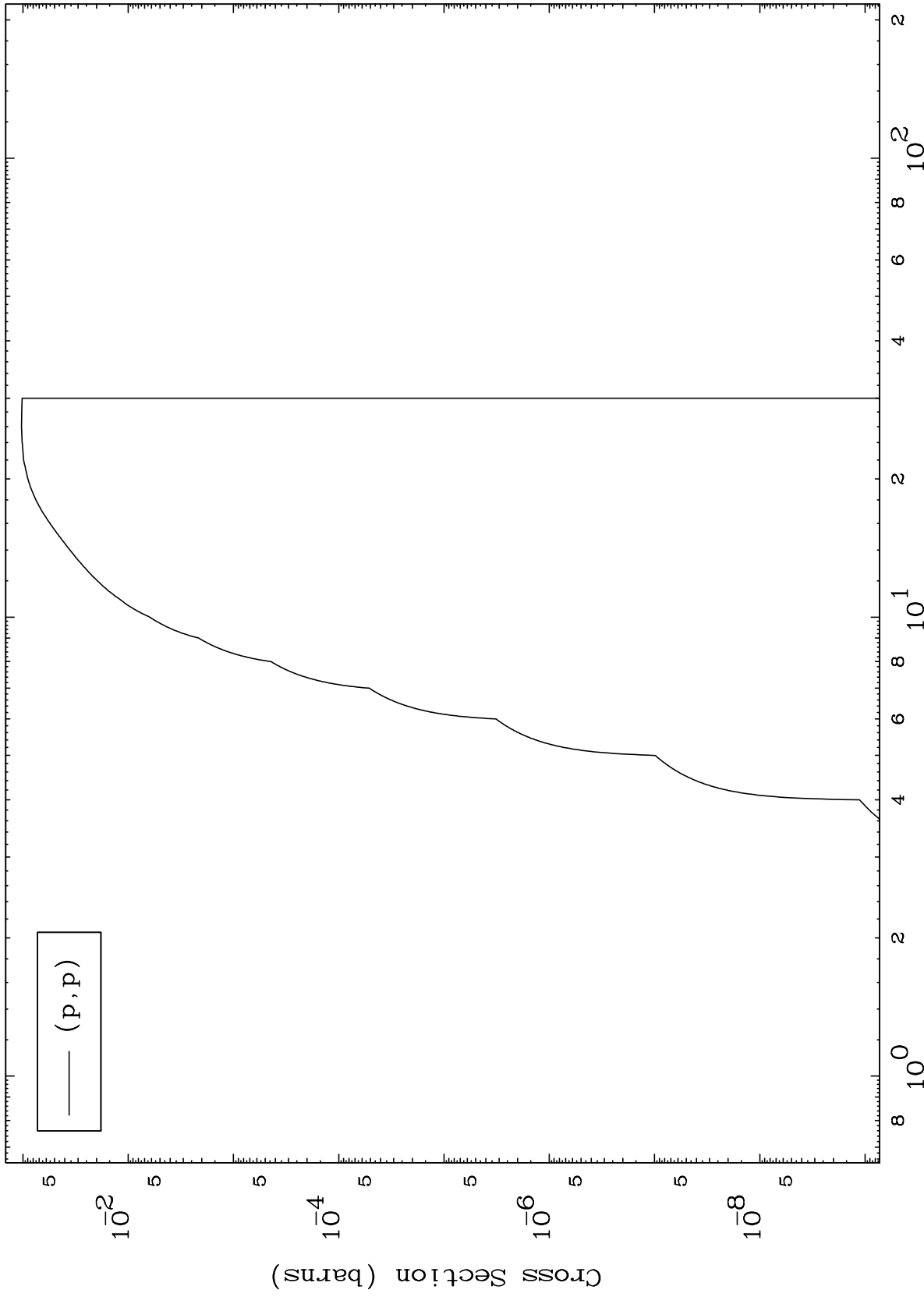
Incident Energy (MeV)

60-Nd-144

MAT 6031

(p,p) Levels
0 Kelvin Cross Sections

60-Nd-144



7

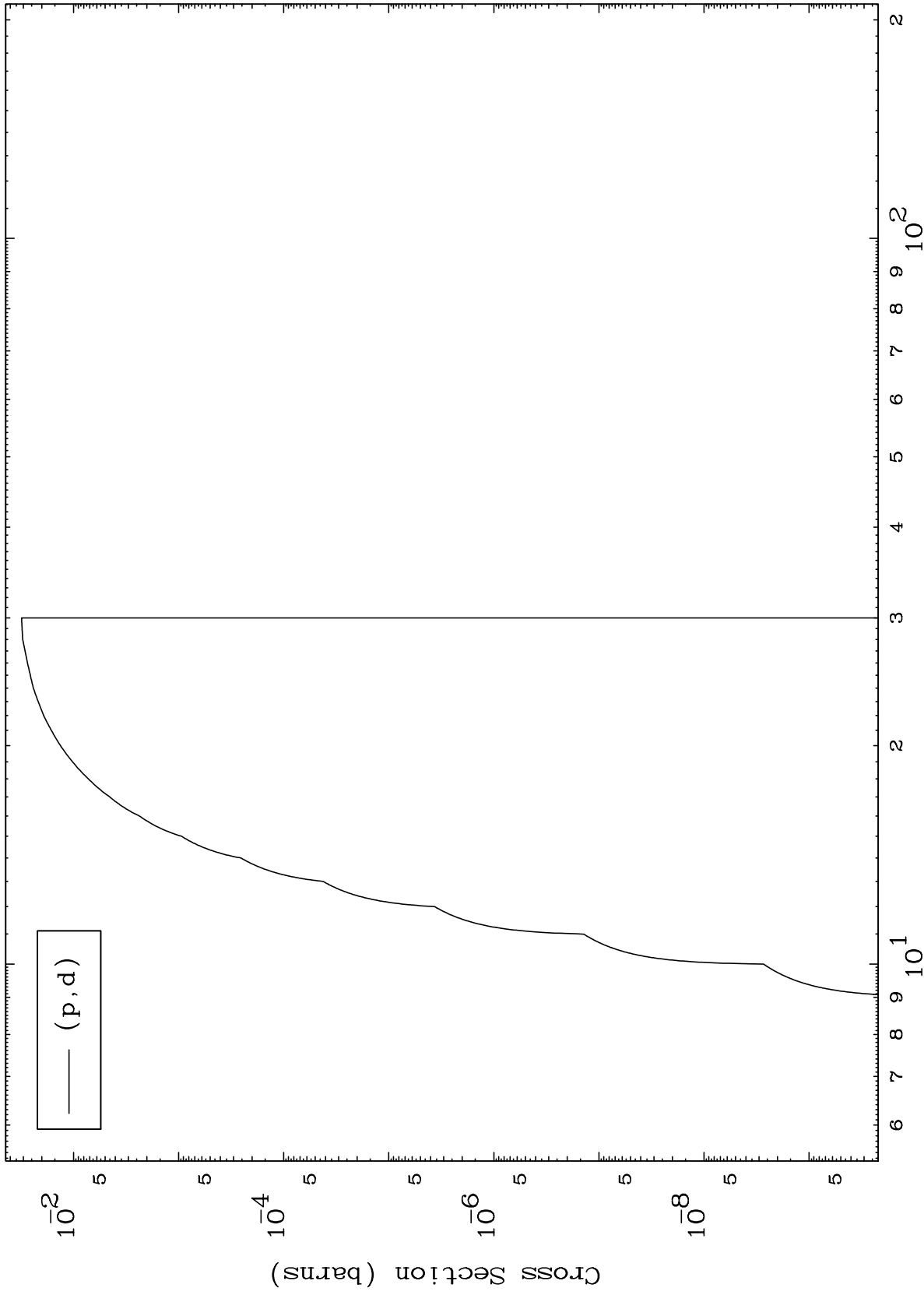
Incident Energy (MeV)

60-Nd-144

MAT 6031

(p,d) Levels
0 Kelvin Cross Sections

60-Nd-144



8

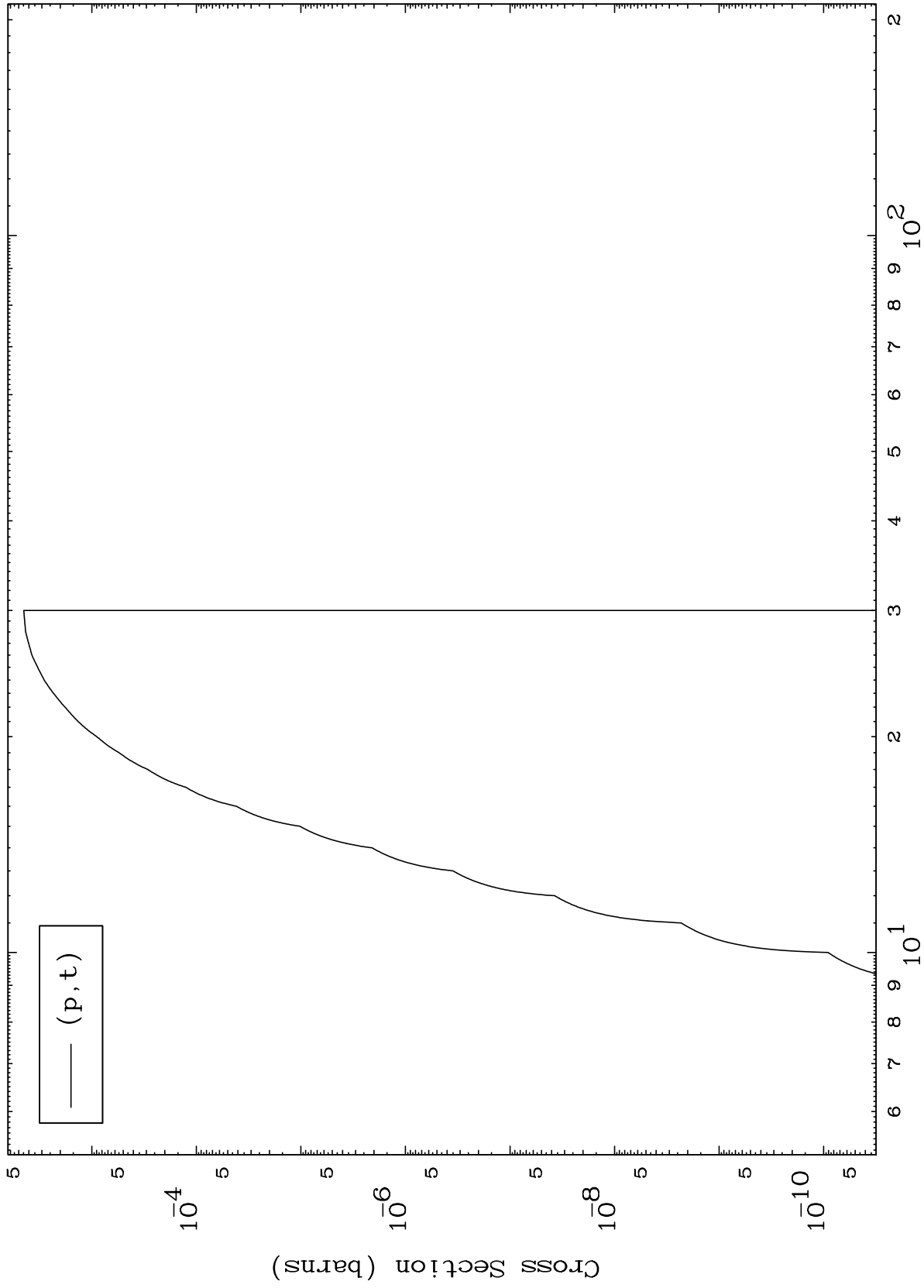
Incident Energy (MeV)

60-Nd-144

MAT 6031

(p,t) Levels
0 Kelvin Cross Sections

60-Nd-144



9

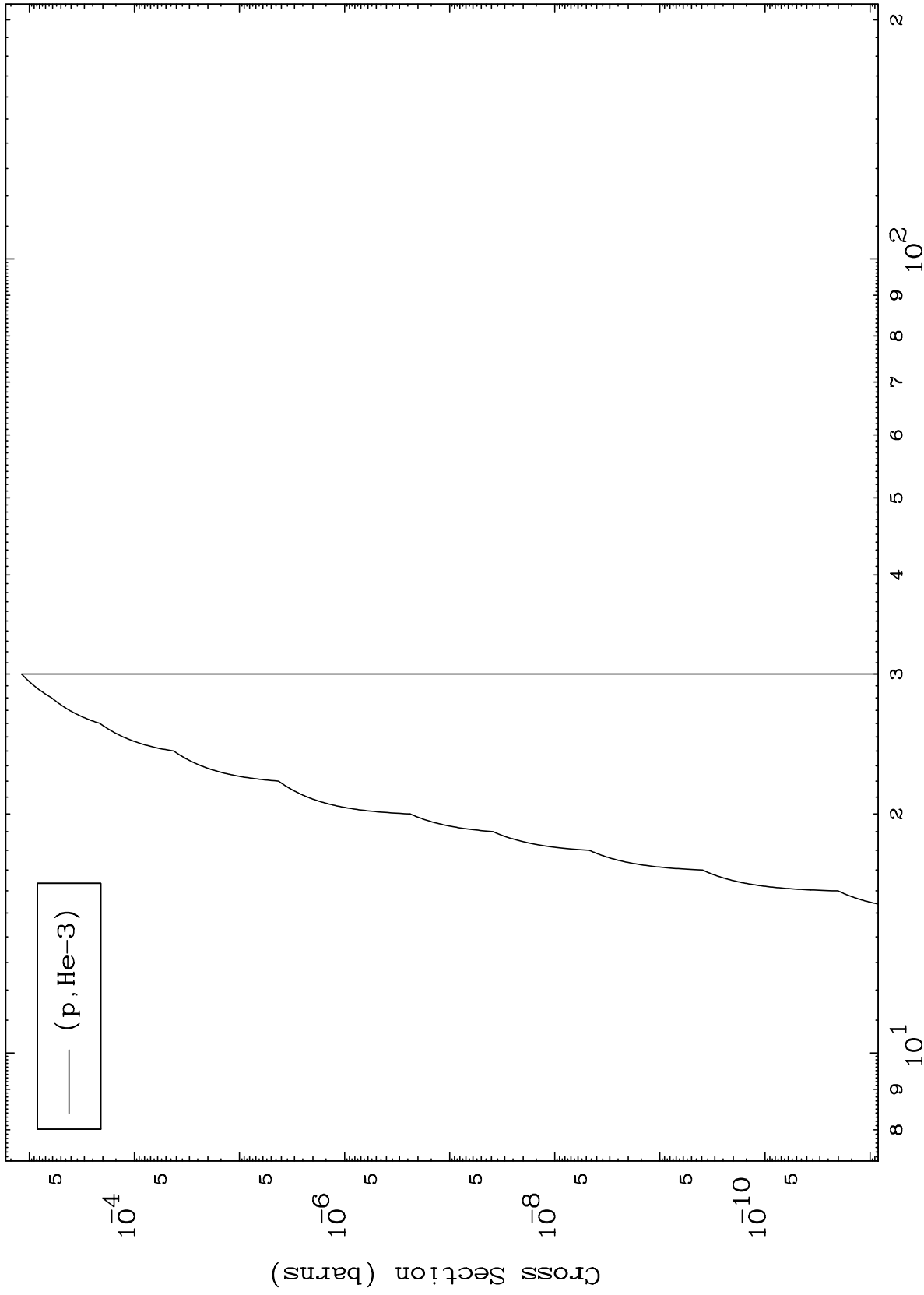
Incident Energy (MeV)

60-Nd-144

MAT 6031

(p,He3) Levels
0 Kelvin Cross Sections

60-Nd-144



10

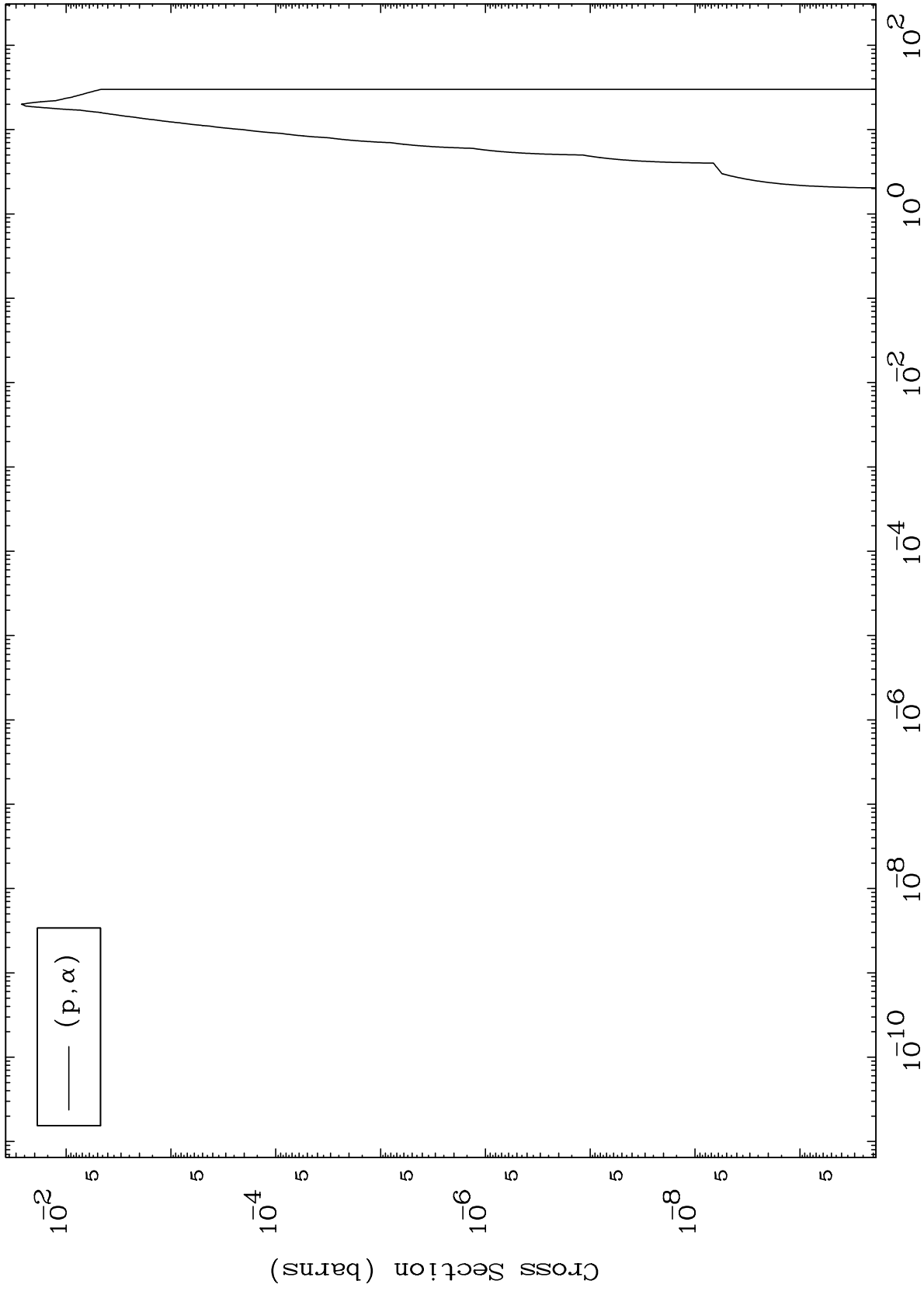
Incident Energy (MeV)

60-Nd-144

MAT 6031

(p,α) Levels
0 Kelvin Cross Sections

60-Nd-144

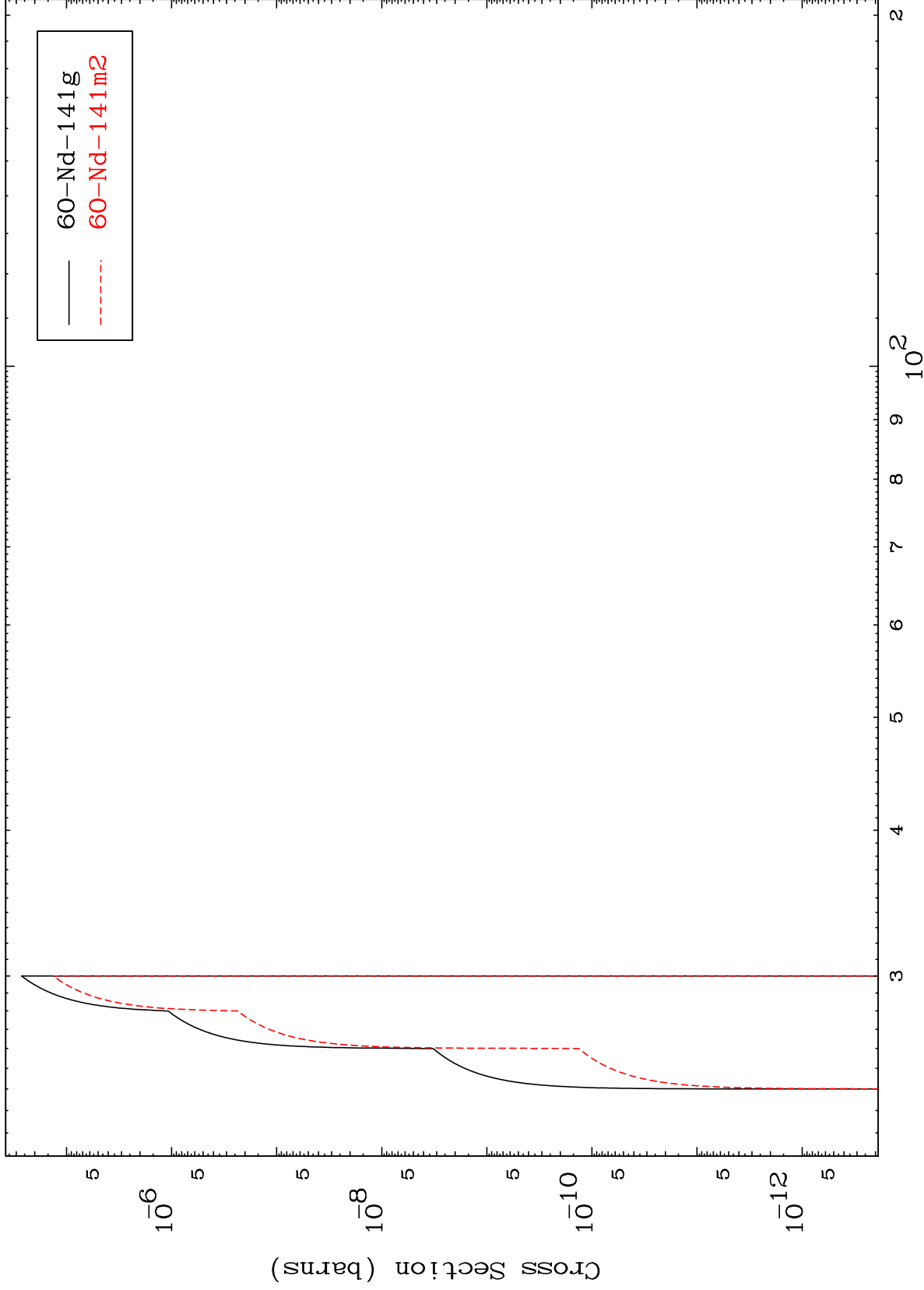


MAT 6031

(p,2n) d

⁶⁰Nd-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

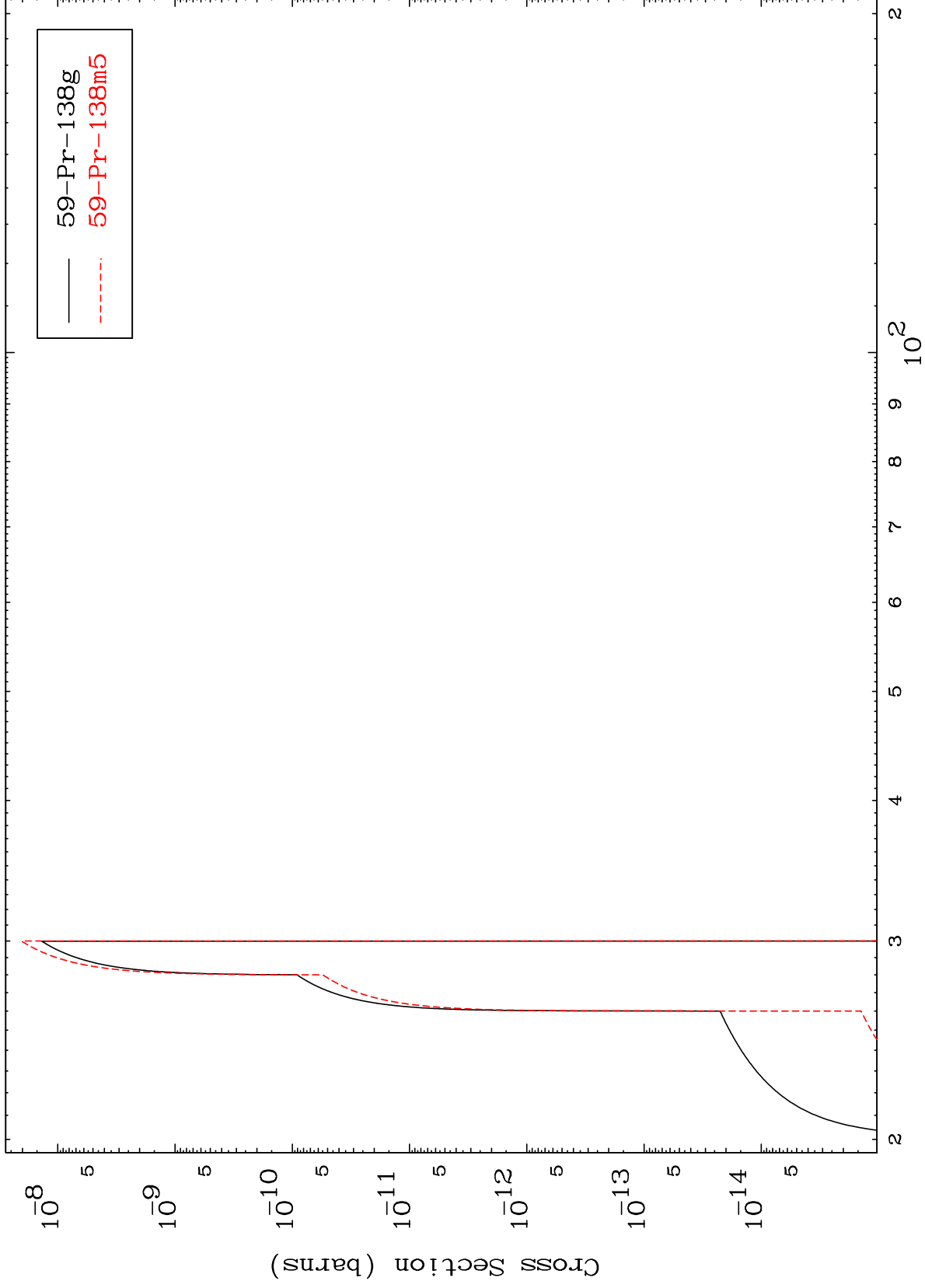
⁶⁰Nd-144

MAT 6031

(p,3n) α

60-Nd-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

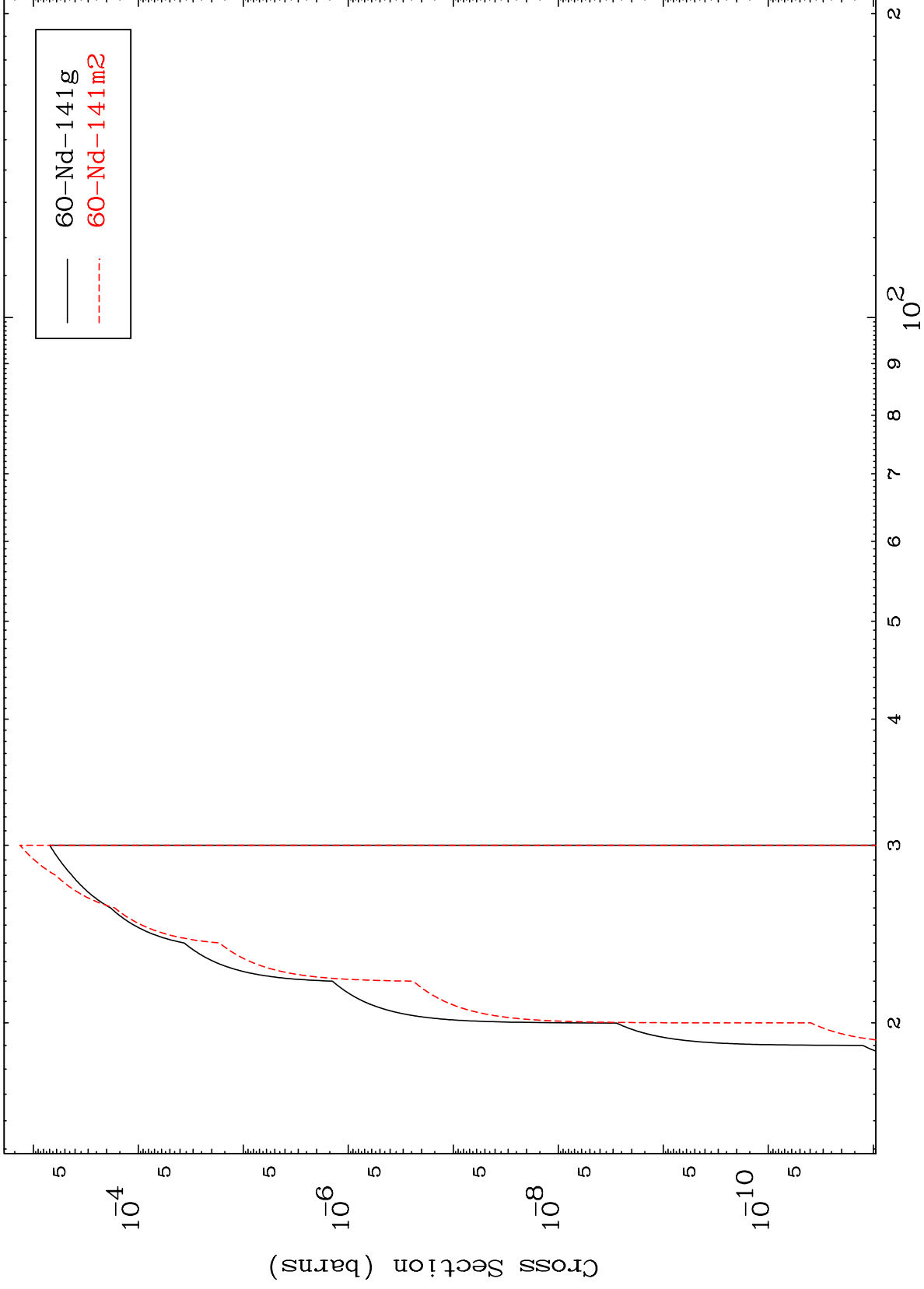
60-Nd-144

MAT 6031

(p,n') t

⁶⁰Nd-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

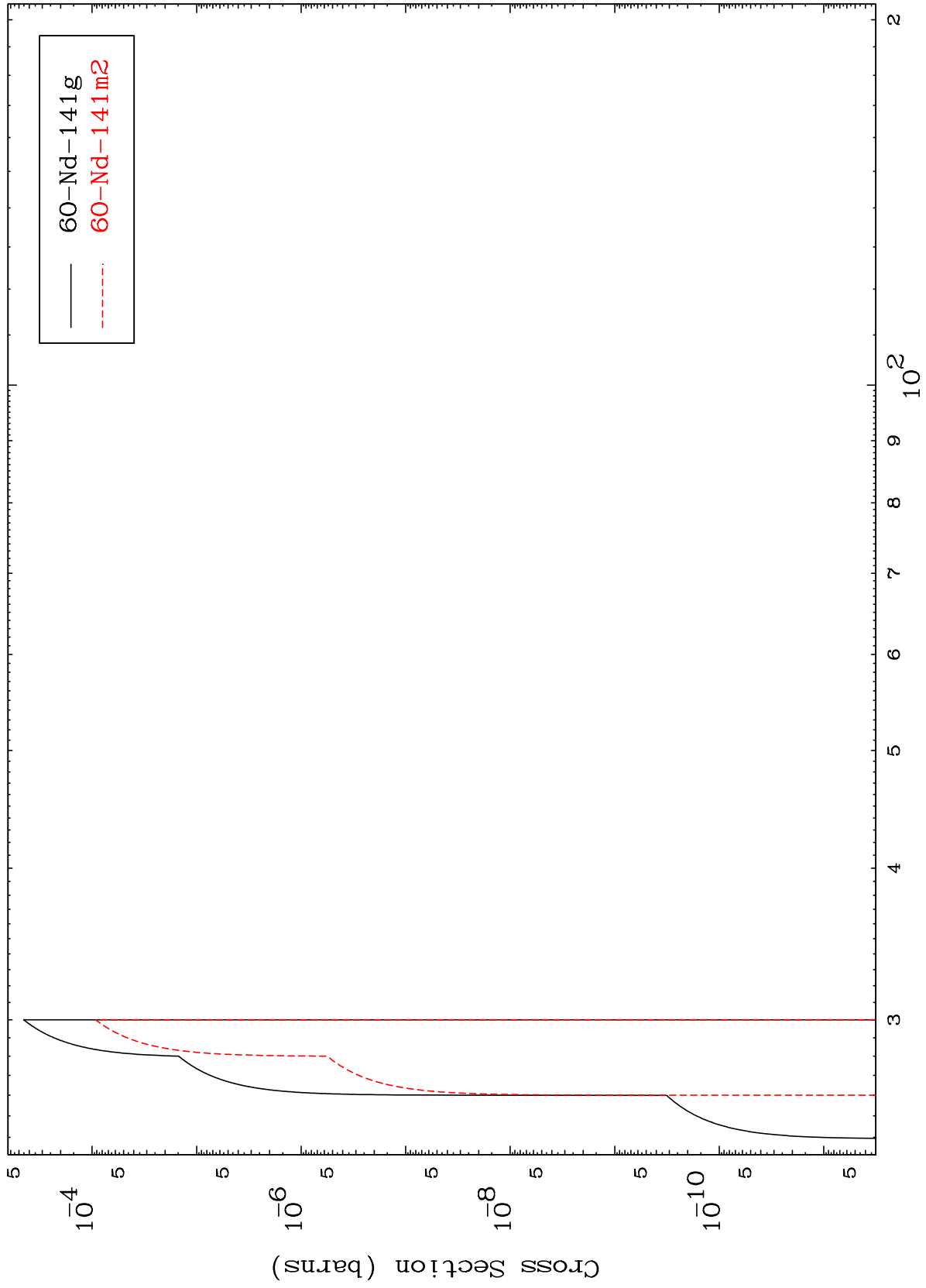
⁶⁰Nd-144

MAT 6031

(p,3n) p

⁶⁰Nd-144

Radionuclide Production Cross Section



15

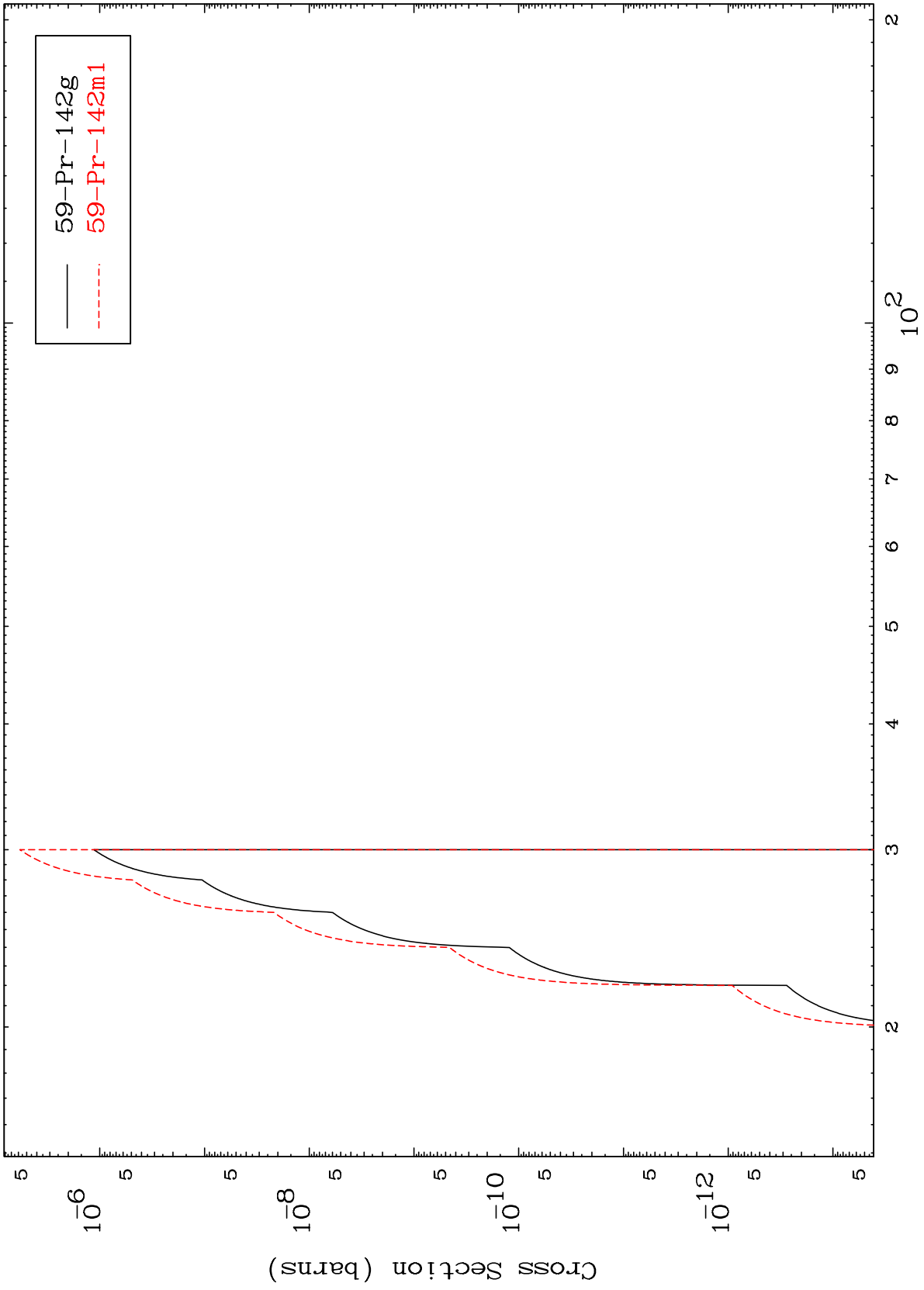
Incident Energy (MeV)

⁶⁰Nd-144

MAT 6031

60-Nd-144

(p,2n) p
Radionuclide Production Cross Section



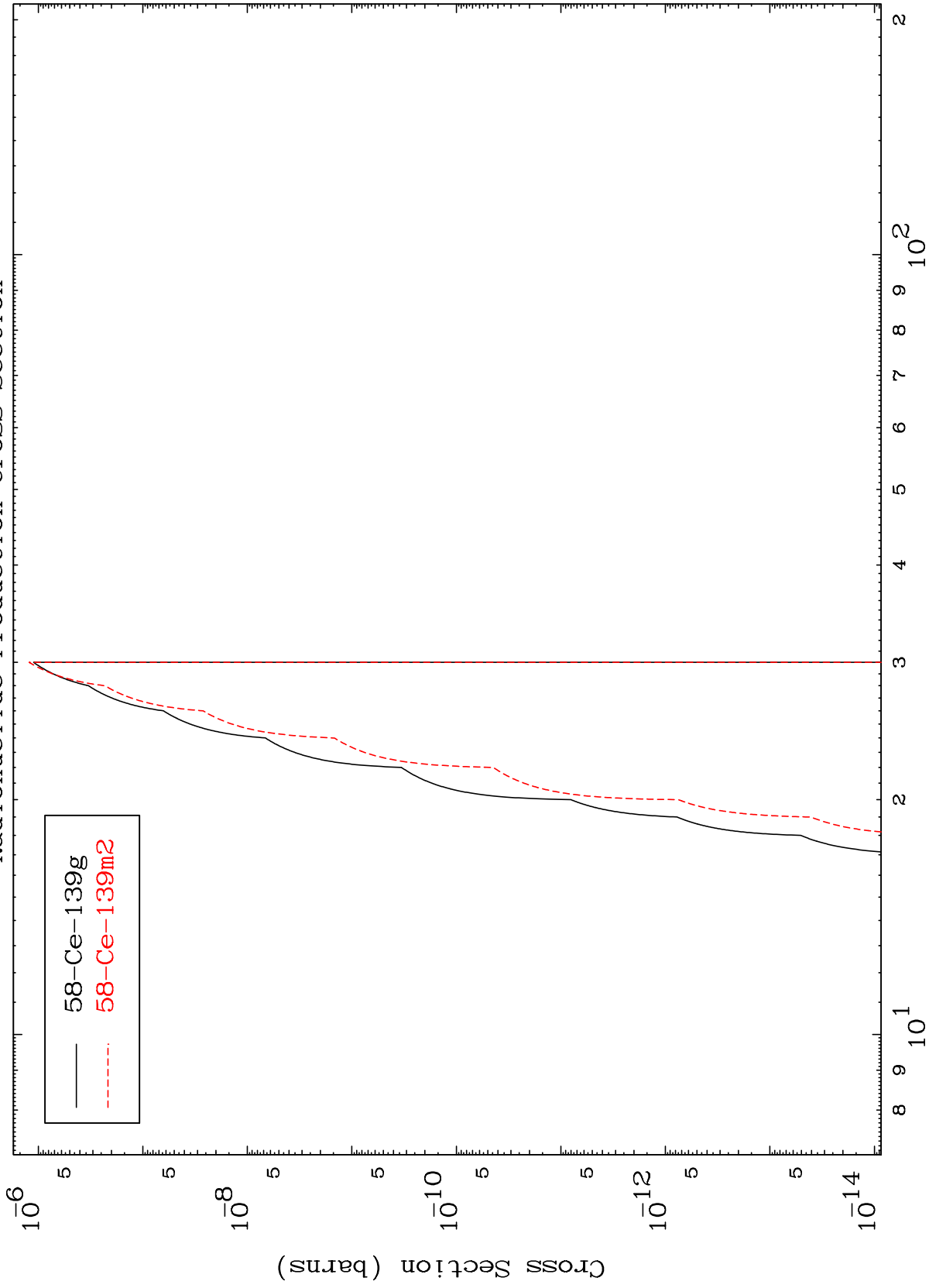
16

60-Nd-144

MAT 6031

60-Nd-144

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



17

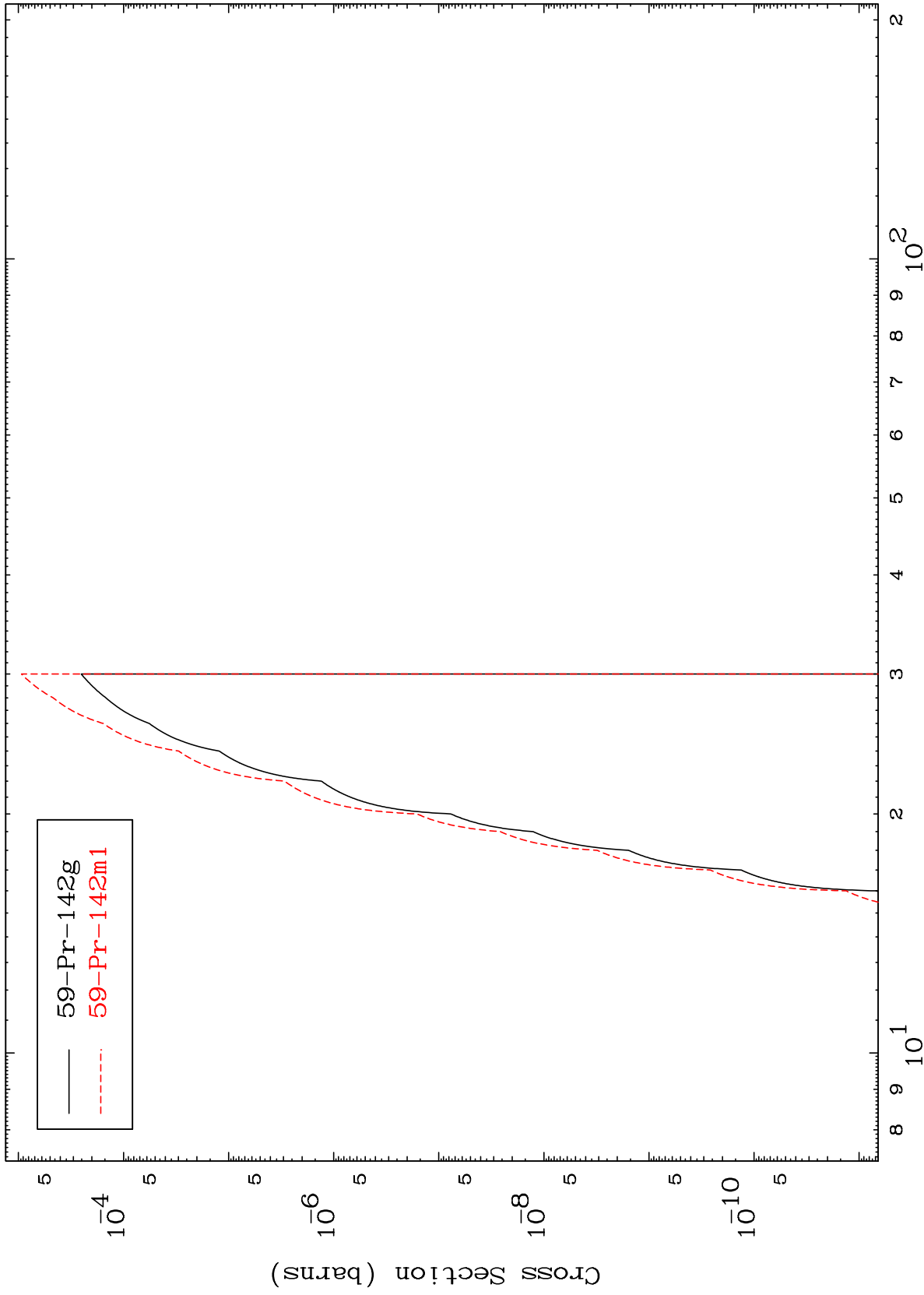
60-Nd-144

MAT 6031

(p,He-3)

60-Nd-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

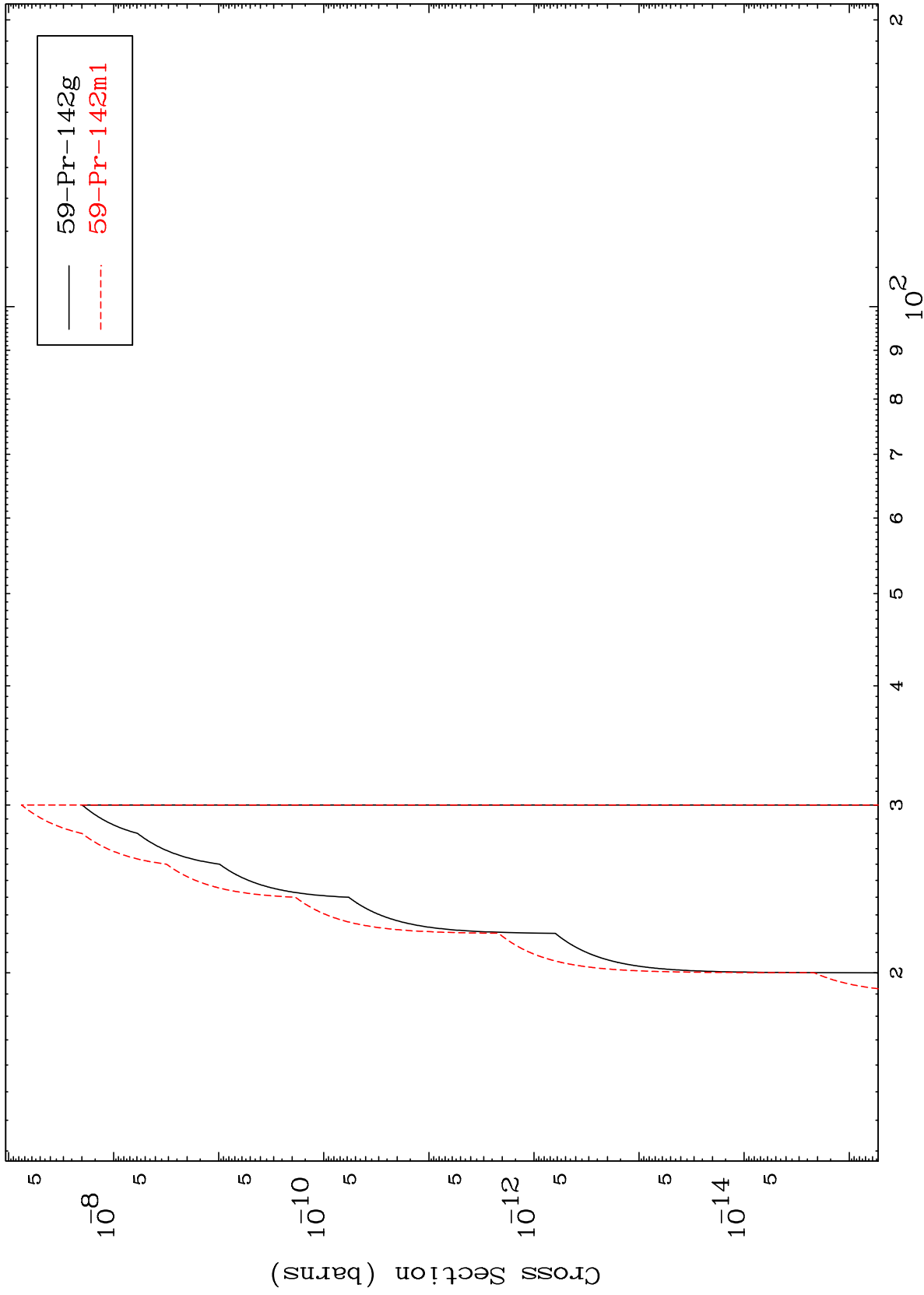
60-Nd-144

MAT 6031

(p,p) d

$^{60}\text{Nd}-144$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

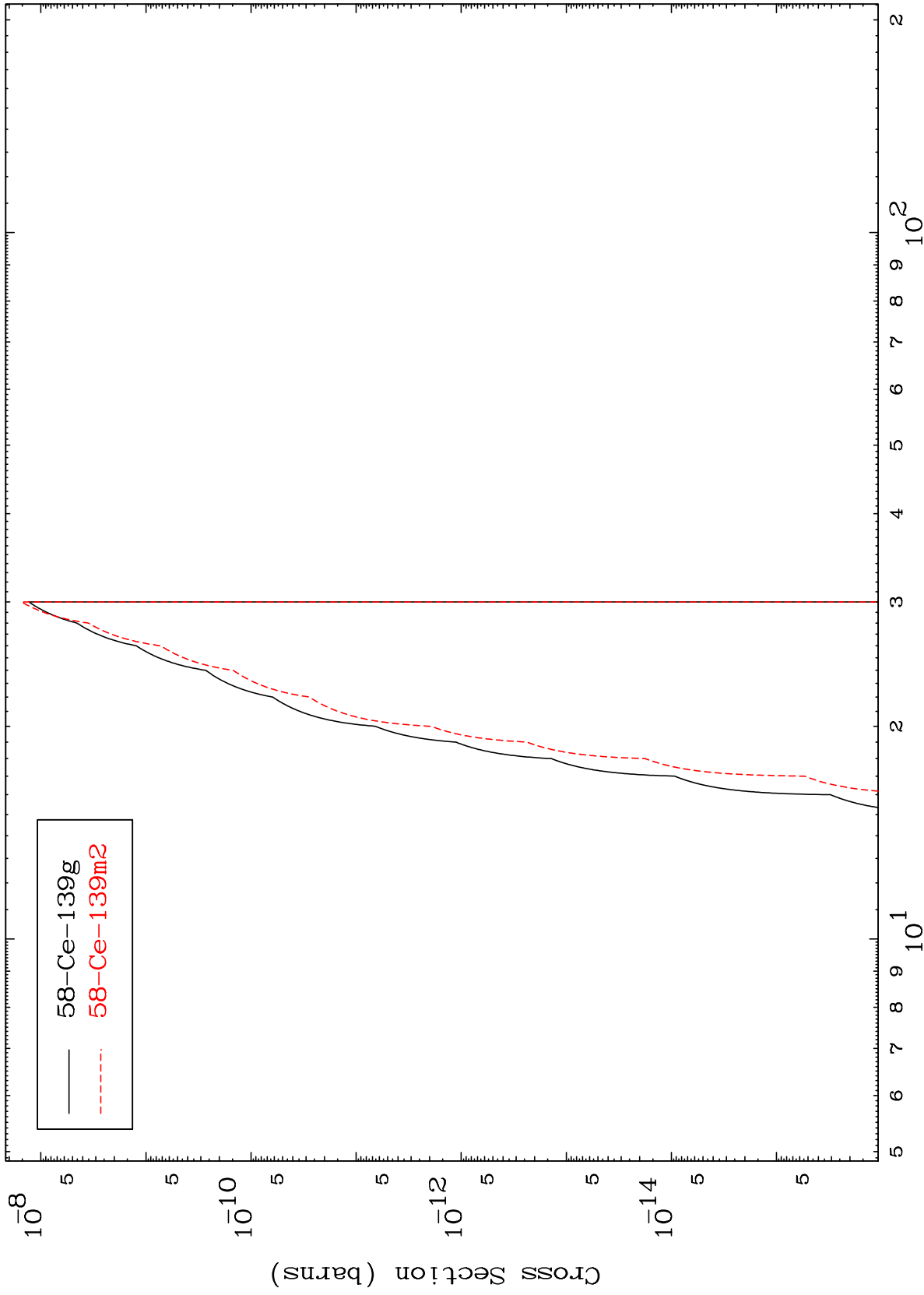
$^{60}\text{Nd}-144$

MAT 6031

(p,d) α

60-Nd-144

Radionuclide Production Cross Section



20

Incident Energy (MeV)

60-Nd-144