

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

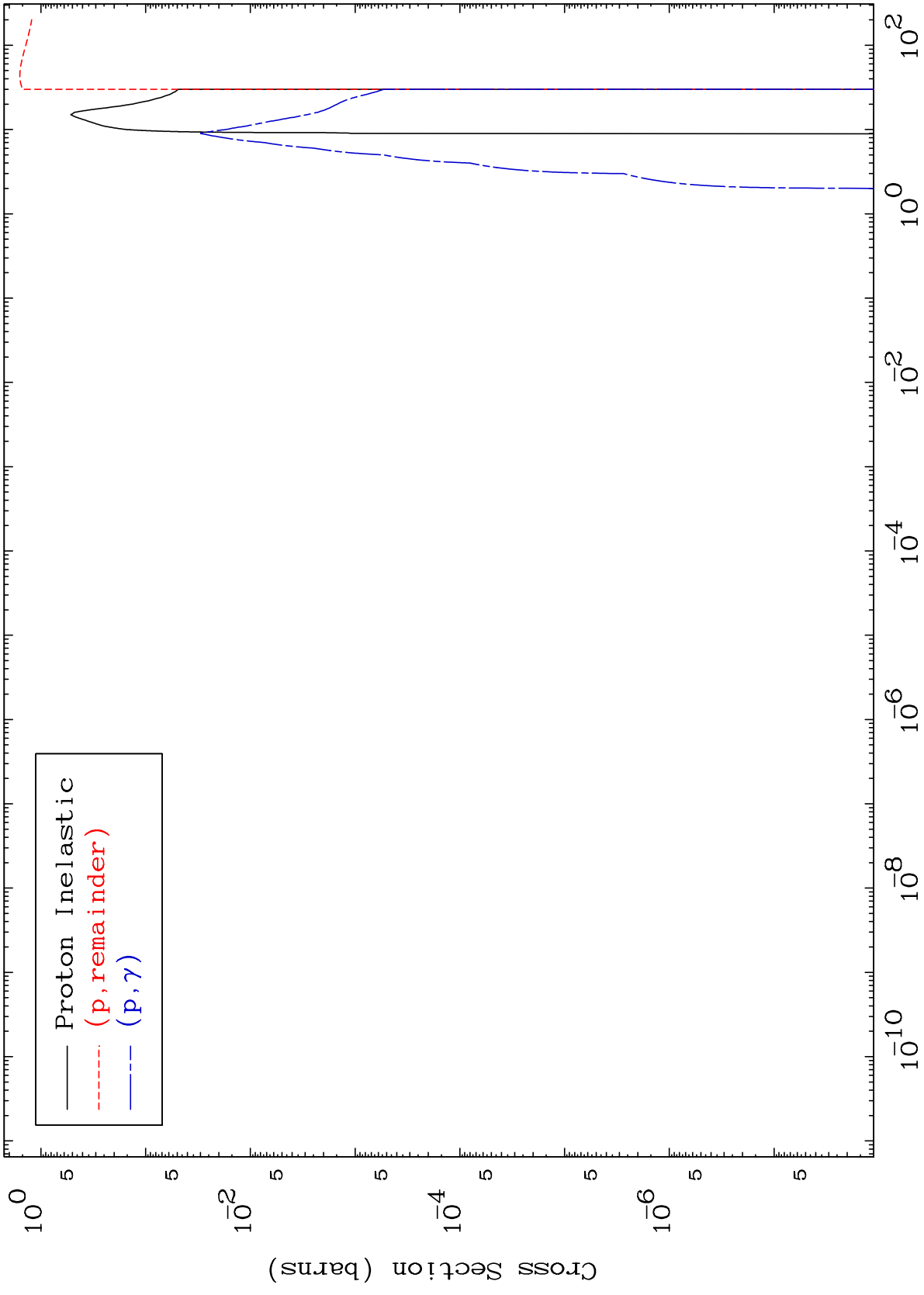
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6007

Proton Major
0 Kelvin Cross Sections

60-Nd-136

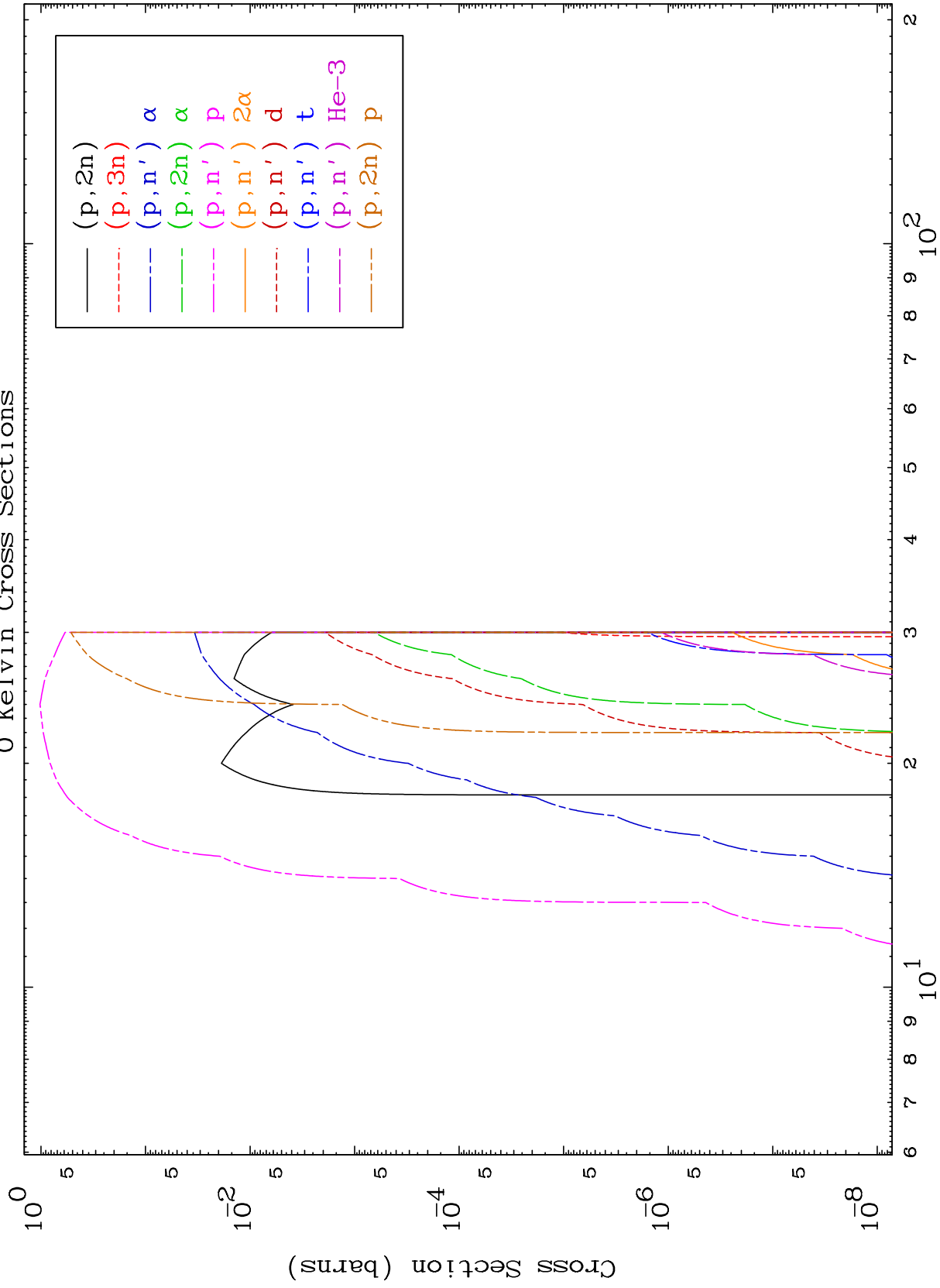


60-Nd-136

MAT 6007

Proton Neutron Production
0 Kelvin Cross Sections

60-Nd-136



2

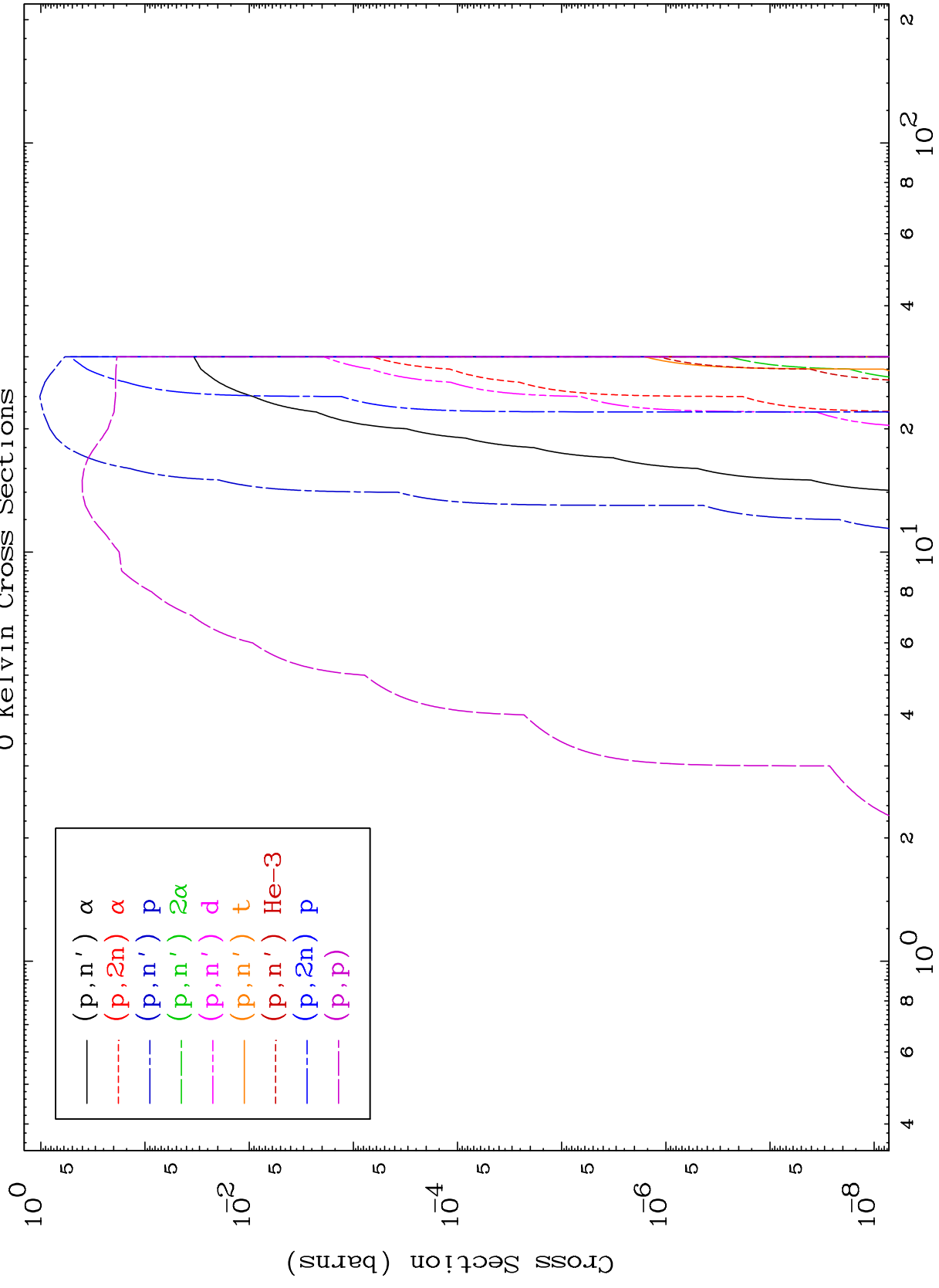
Incident Energy (MeV)

60-Nd-136

MAT 6007

Proton Charged Particle
0 Kelvin Cross Sections

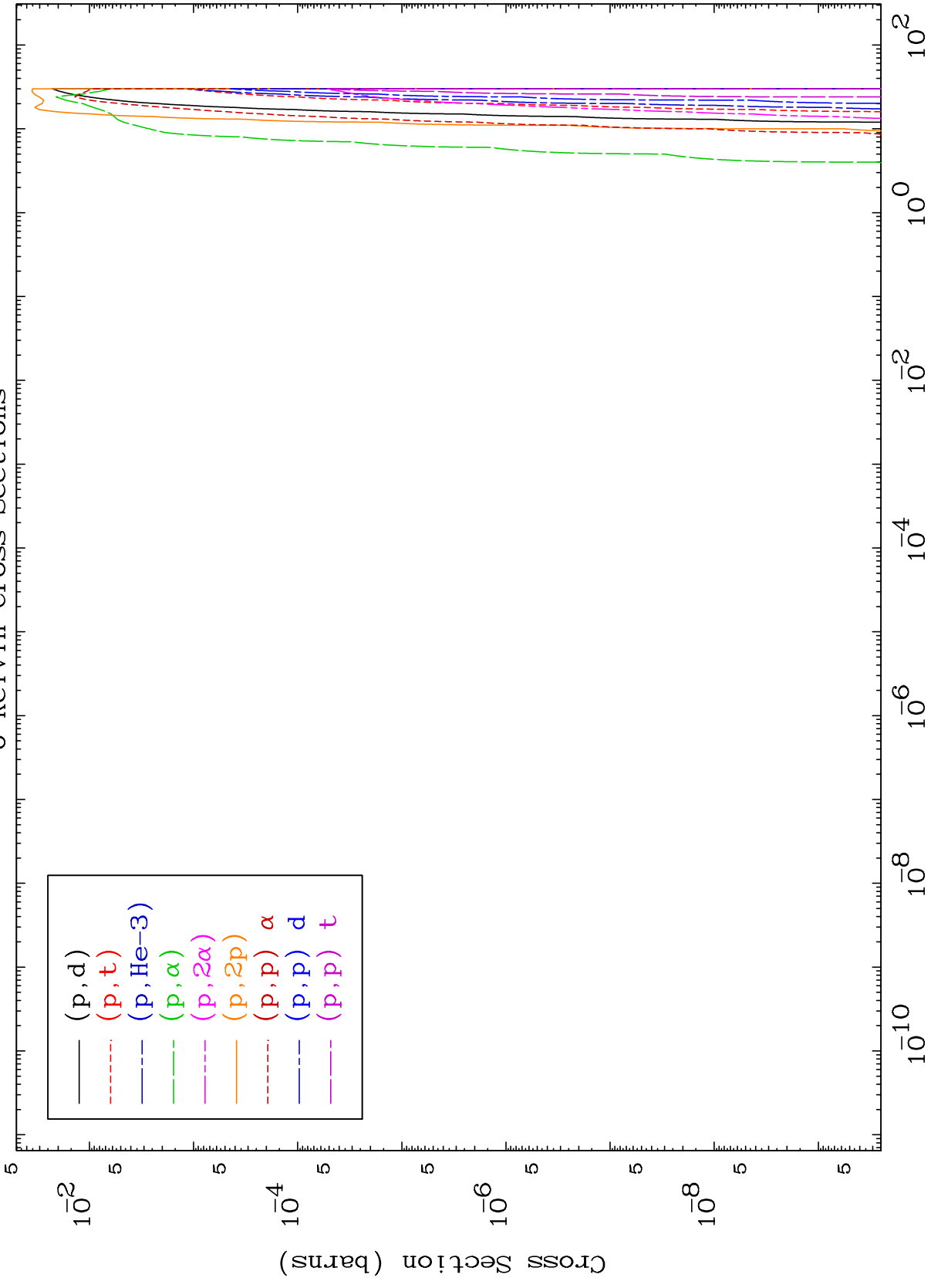
60-Nd-136



MAT 6007

Proton Charged Particle
0 Kelvin Cross Sections

60-Nd-136

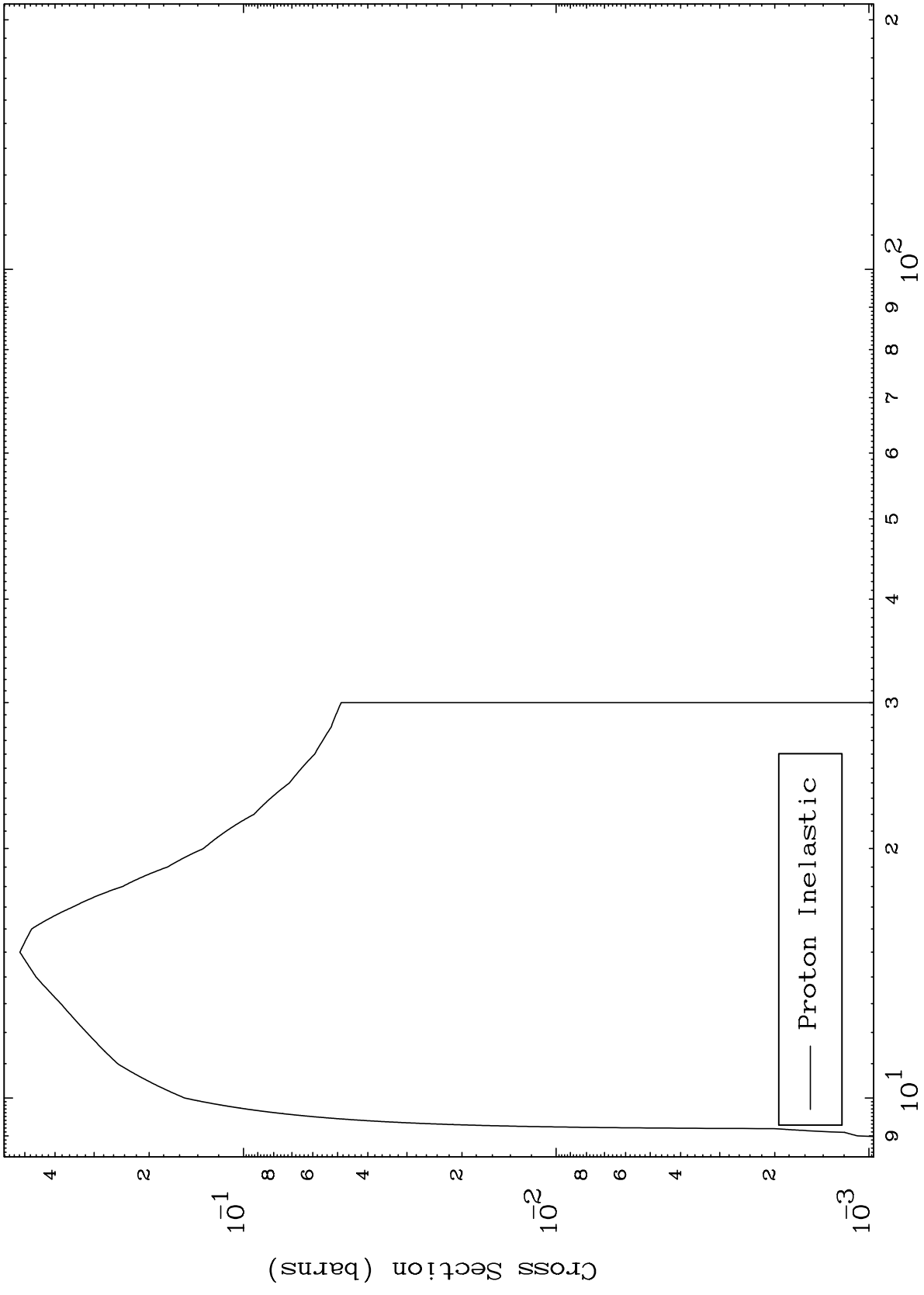


60-Nd-136

MAT 6007

(p,n') Level
0 Kelvin Cross Sections

60-Nd-136



5

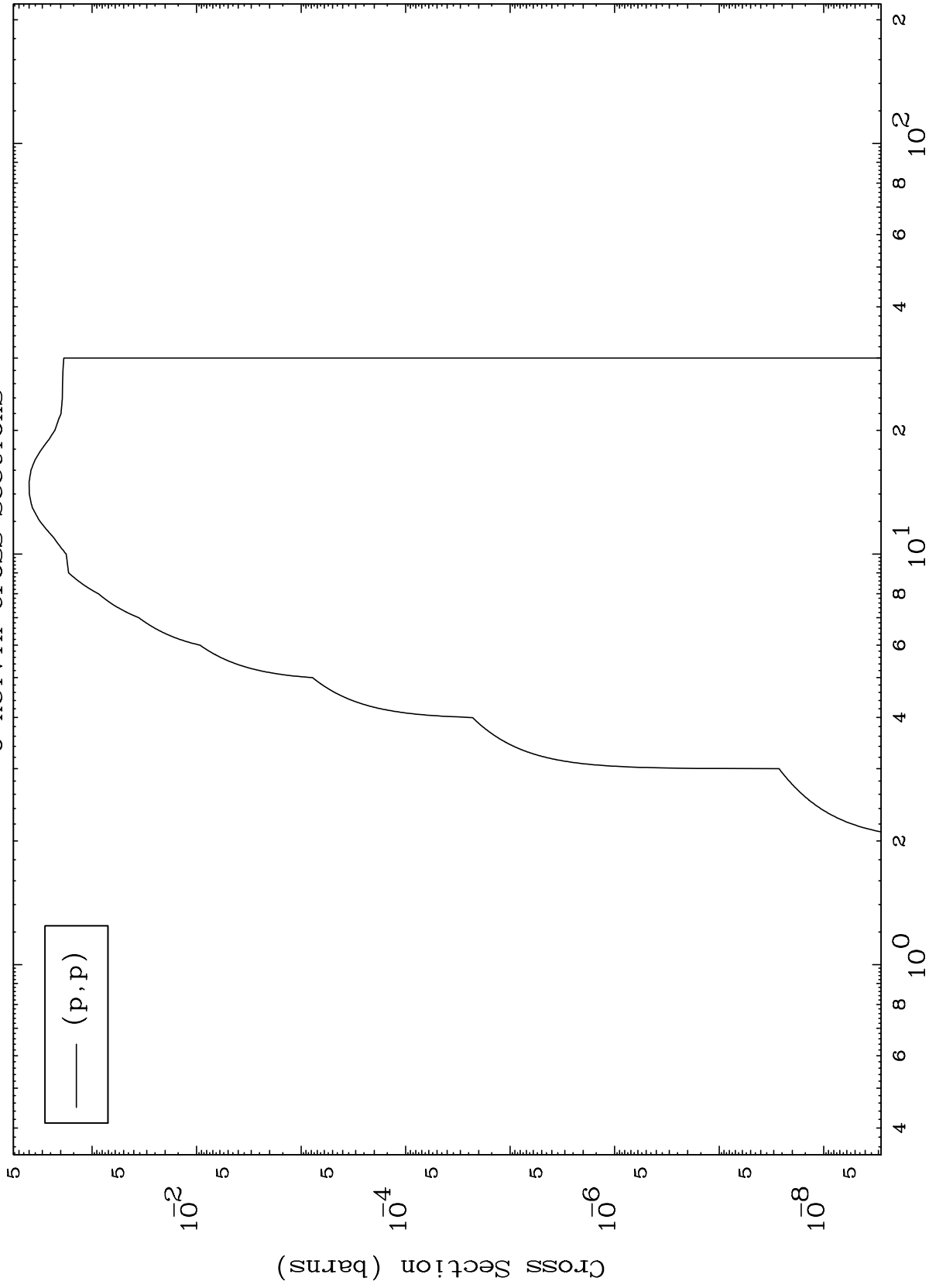
Incident Energy (MeV)

60-Nd-136

MAT 6007

(p,p) Levels
0 Kelvin Cross Sections

60-Nd-136



6

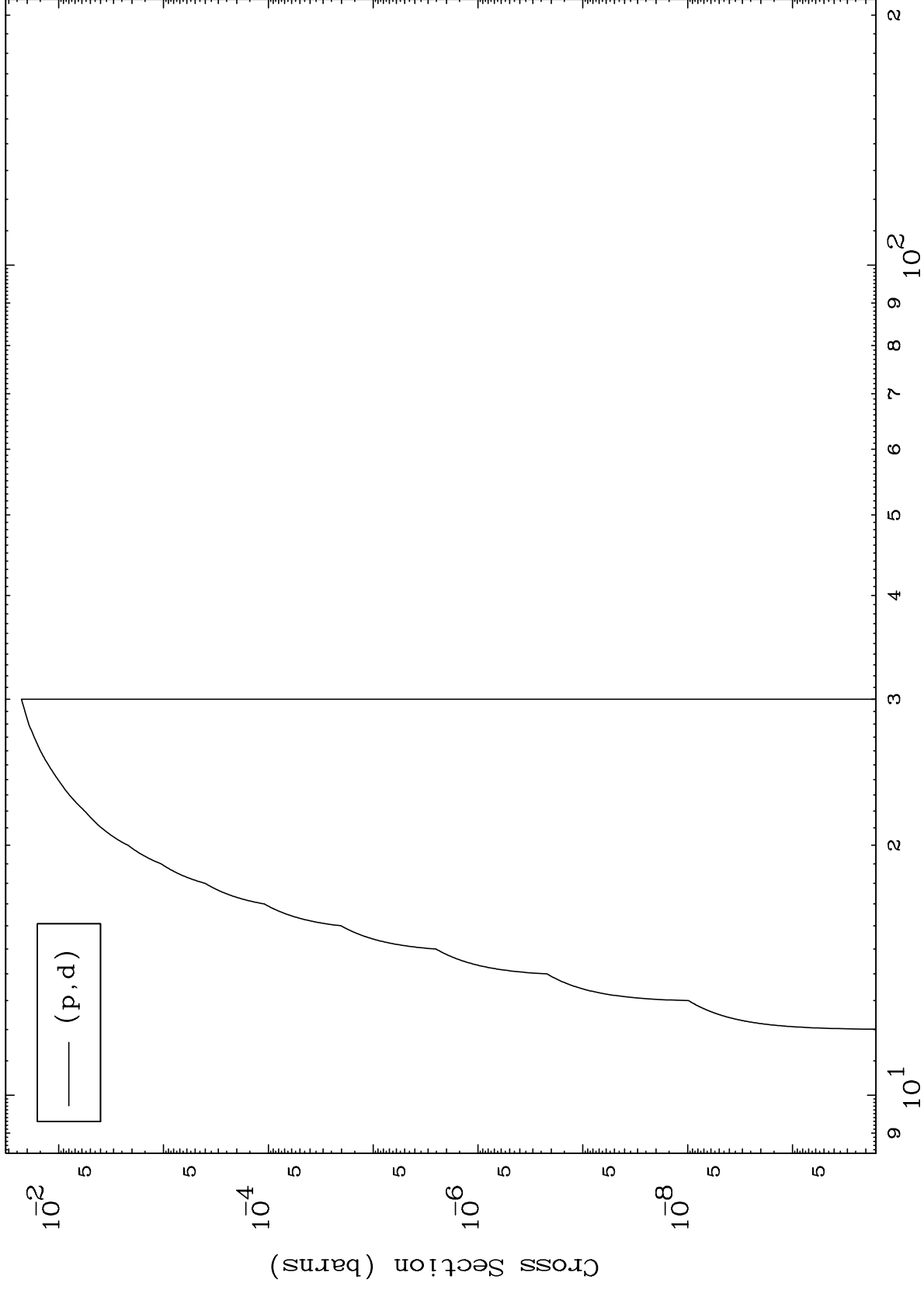
Incident Energy (MeV)

60-Nd-136

MAT 6007

(p,d) Levels
0 Kelvin Cross Sections

60-Nd-136



7

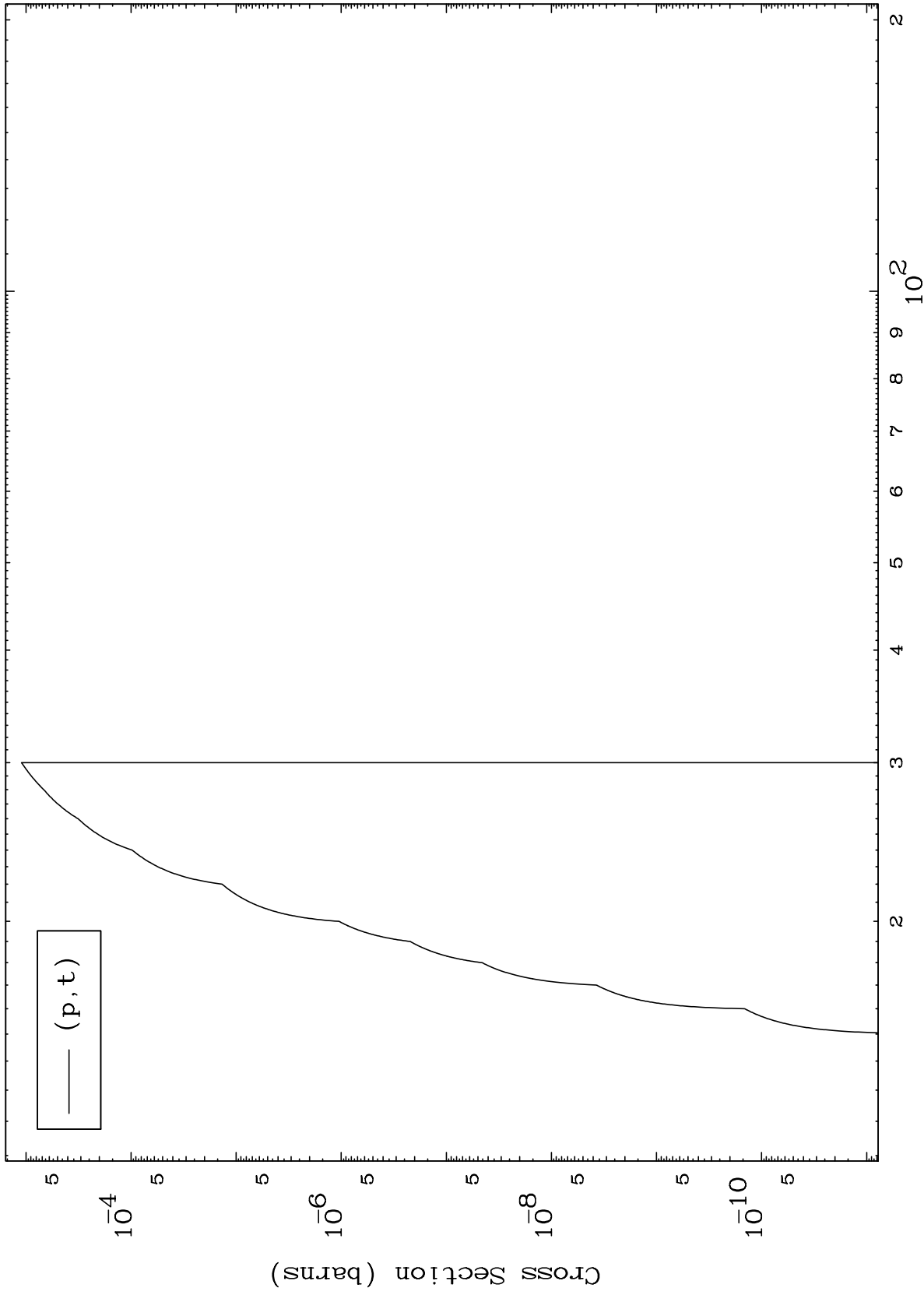
Incident Energy (MeV)

60-Nd-136

MAT 6007

(p,t) Levels
0 Kelvin Cross Sections

60-Nd-136



8

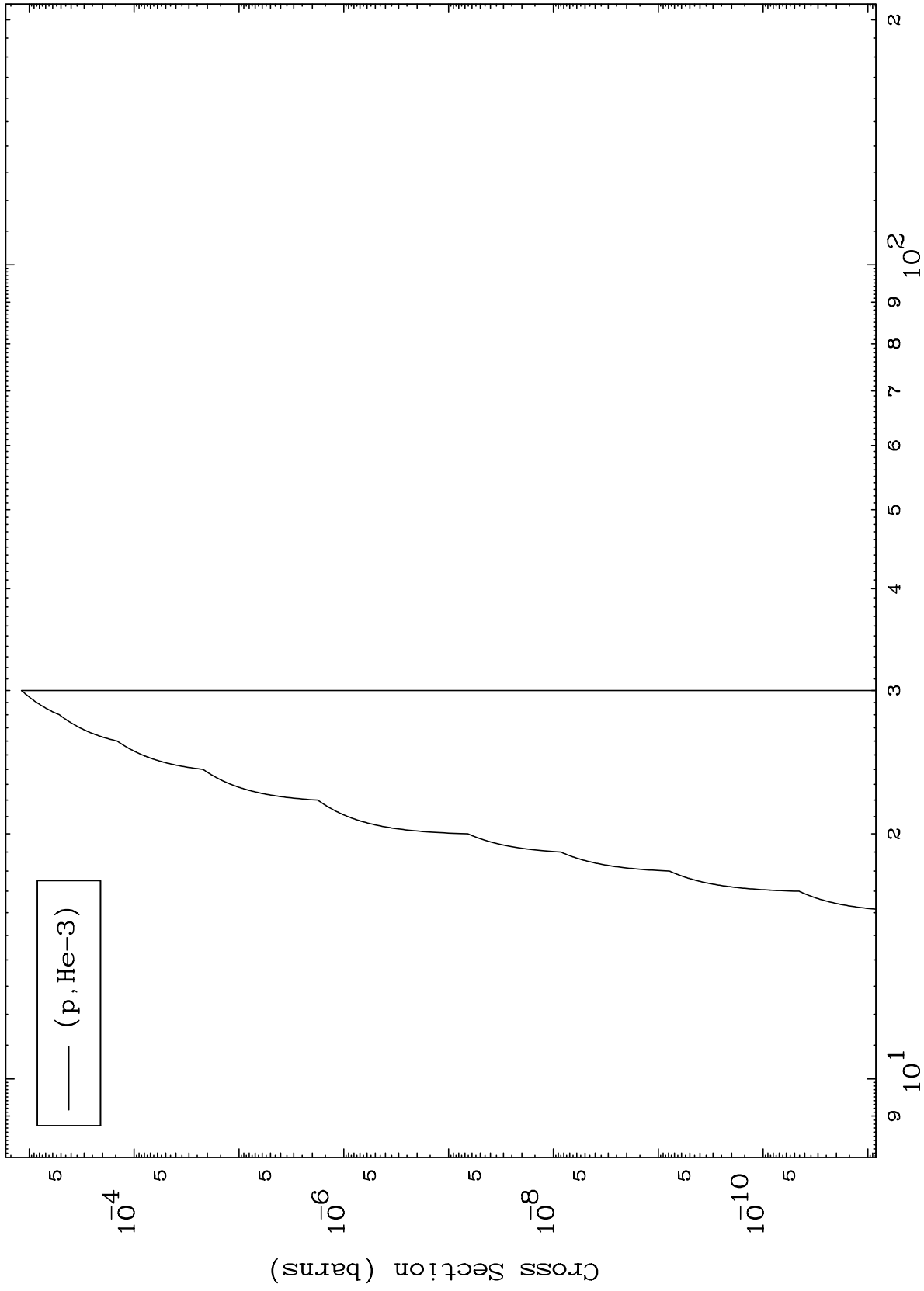
Incident Energy (MeV)

60-Nd-136

MAT 6007

(p,He3) Levels
0 Kelvin Cross Sections

60-Nd-136



9

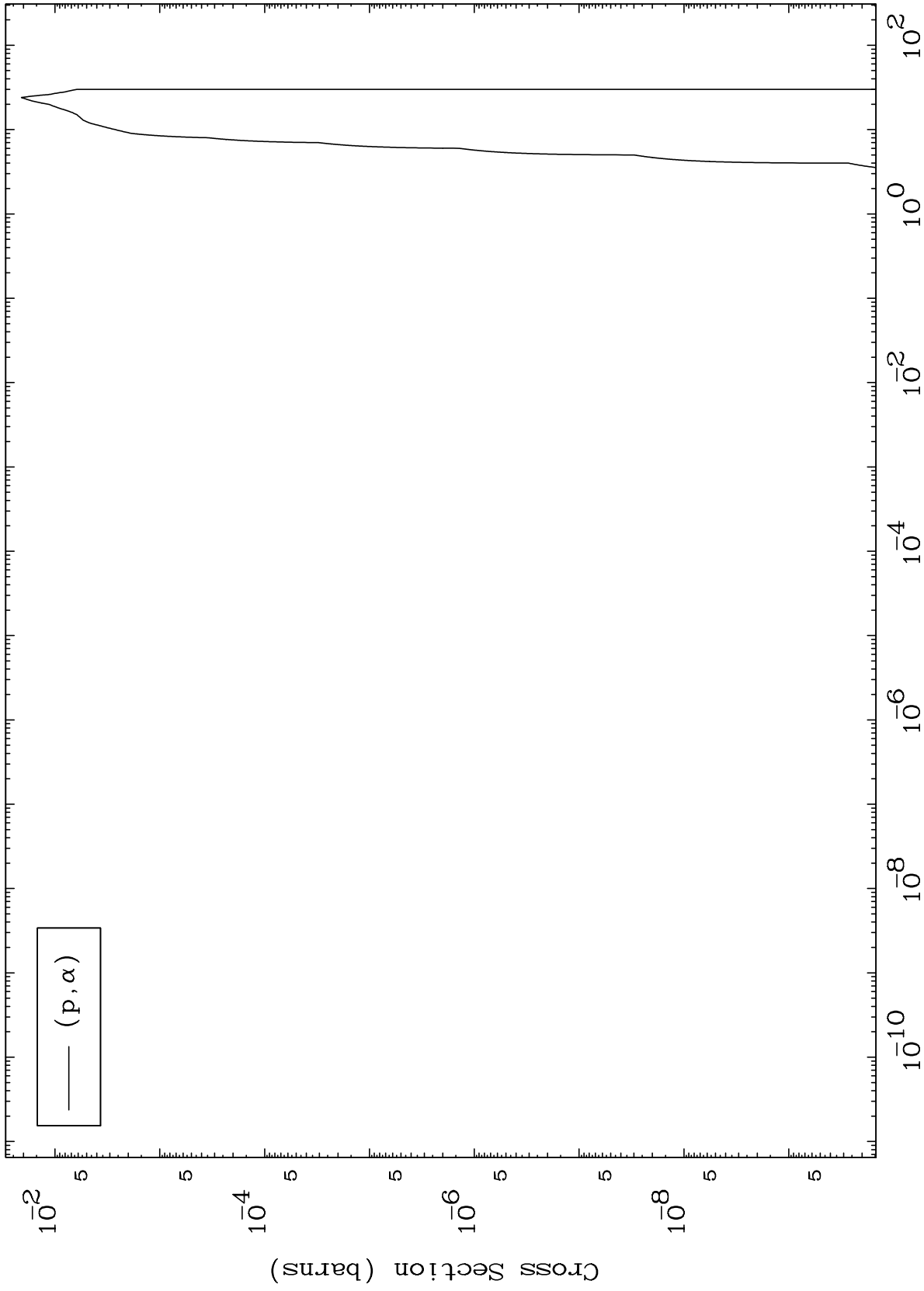
Incident Energy (MeV)

60-Nd-136

MAT 6007

(p,α) Levels
0 Kelvin Cross Sections

60-Nd-136



10

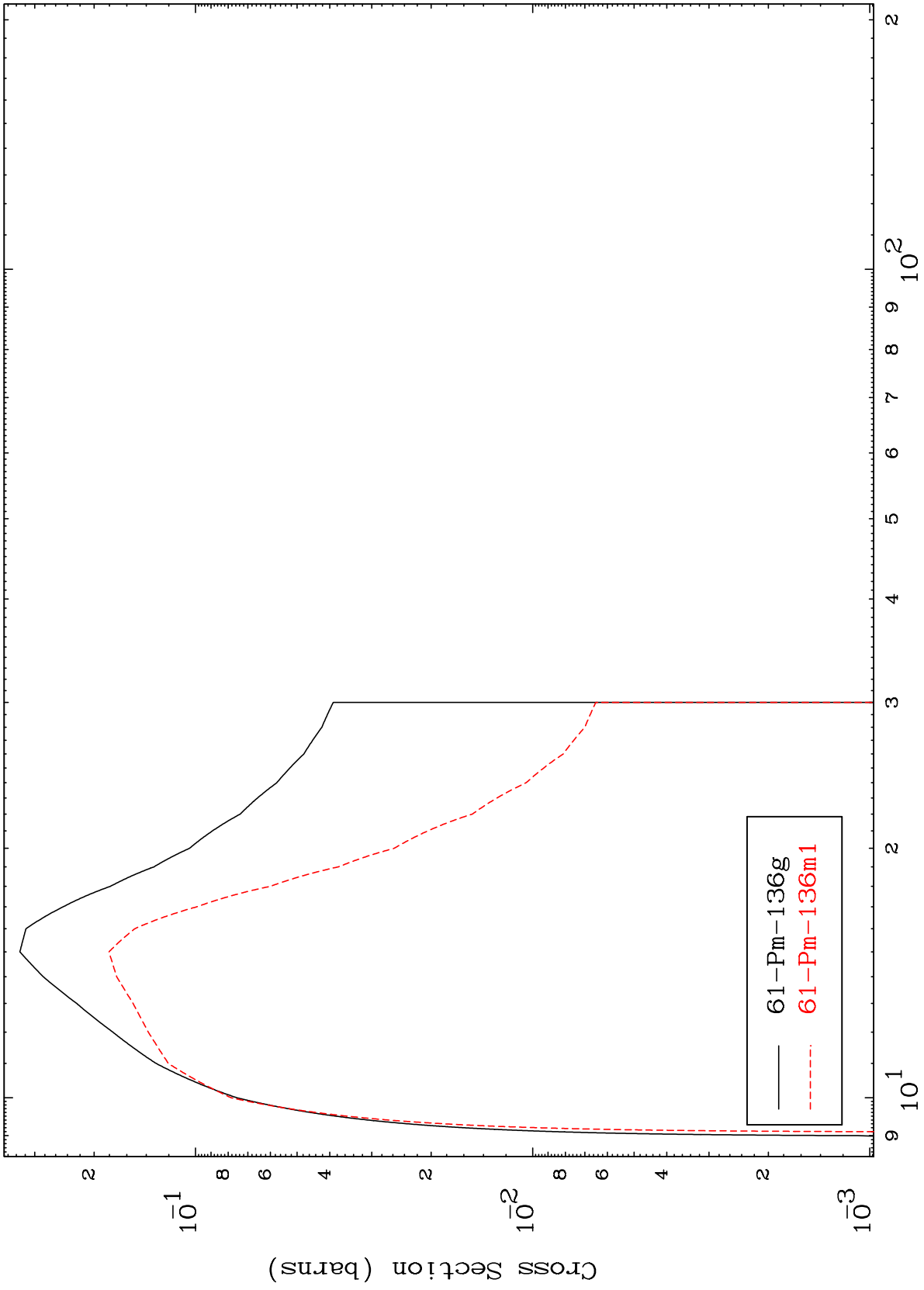
Incident Energy (MeV)

60-Nd-136

MAT 6007

Proton Inelastic
Radionuclide Production Cross Section

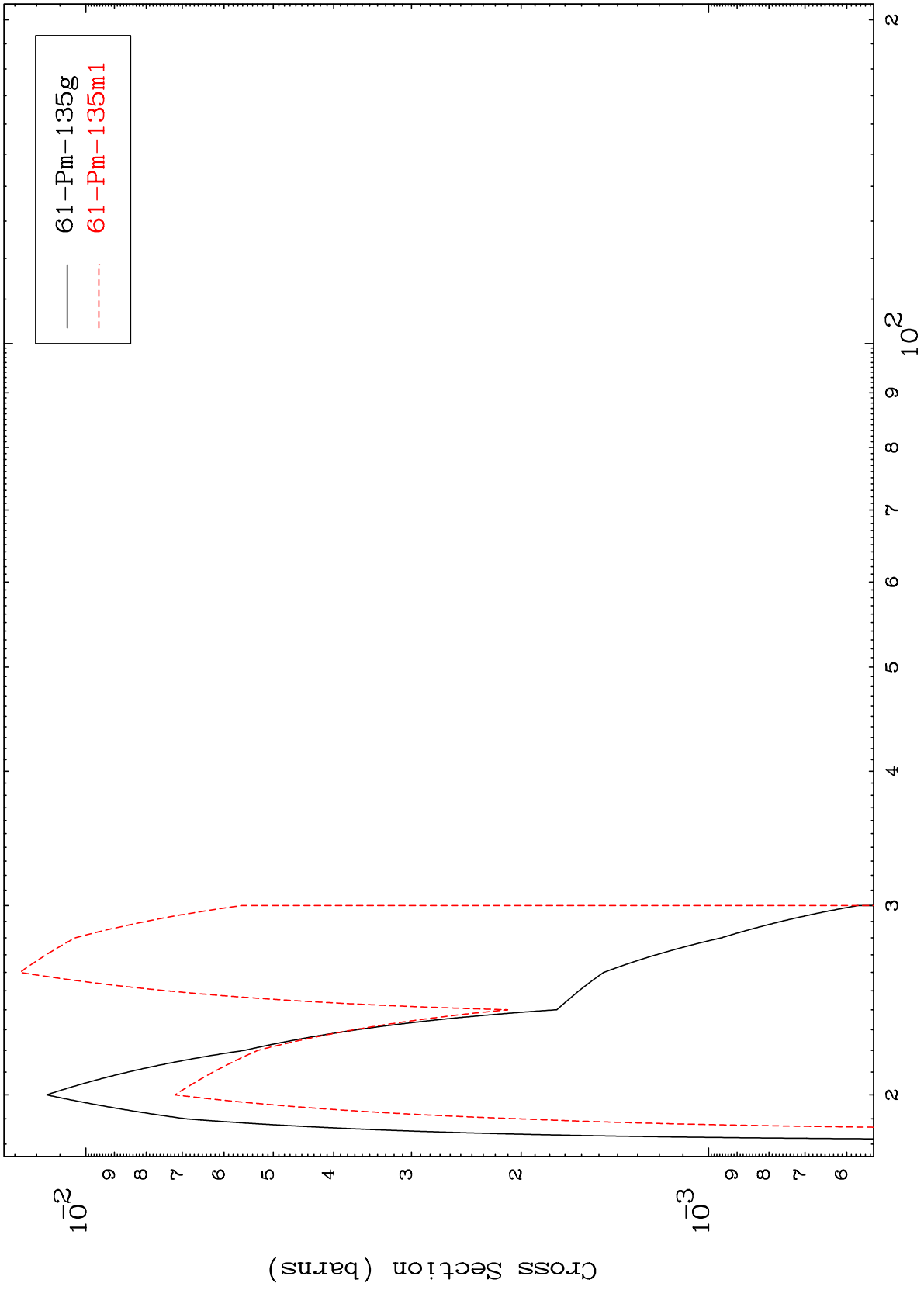
60-Nd-136



MAT 6007

60-Nd-136

(p,2n)
Radionuclide Production Cross Section



12

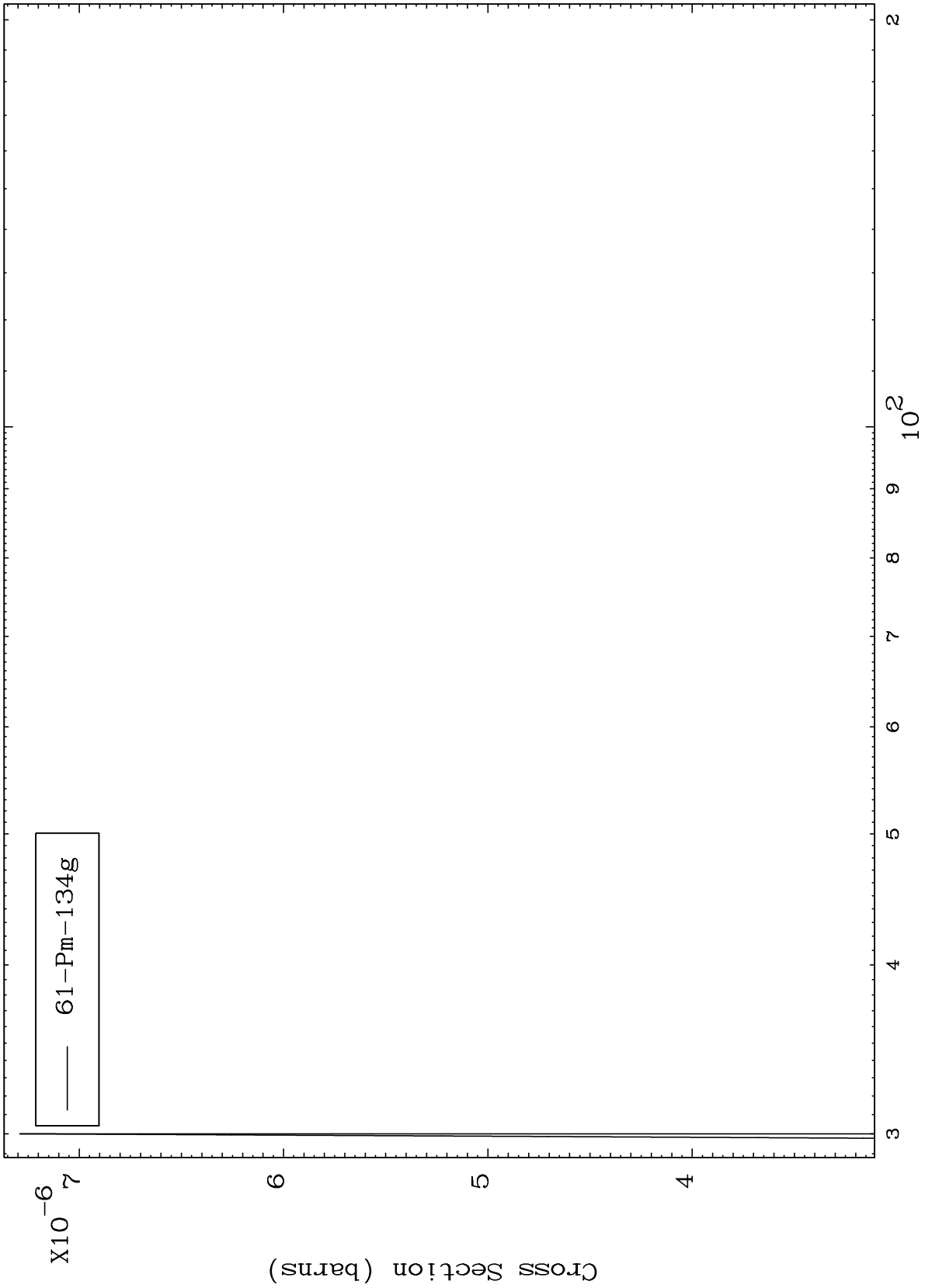
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(p,3n)
Radionuclide Production Cross Section



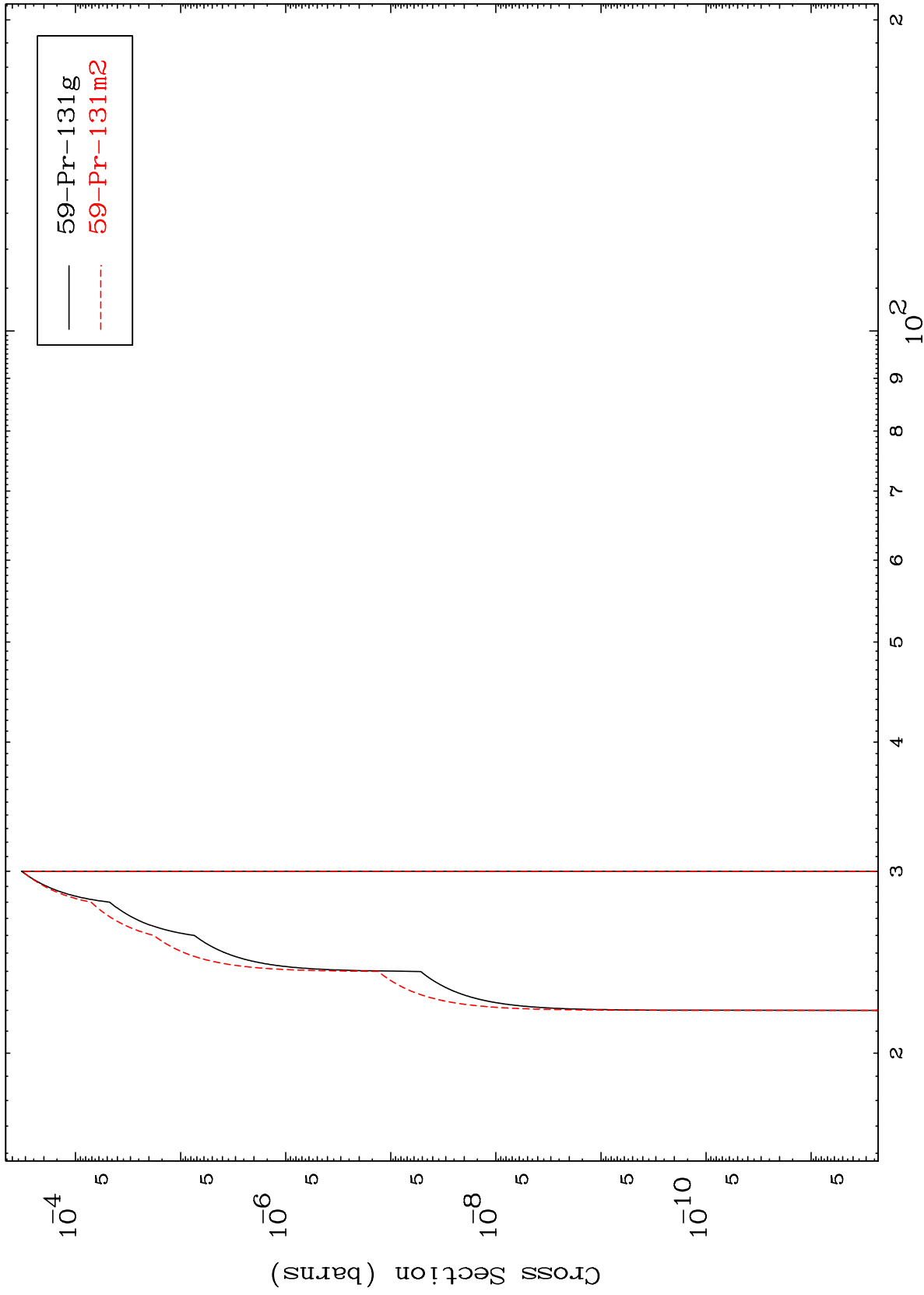
13

MAT 6007

(p,2n) α

60-Nd-136

Radionuclide Production Cross Section



14

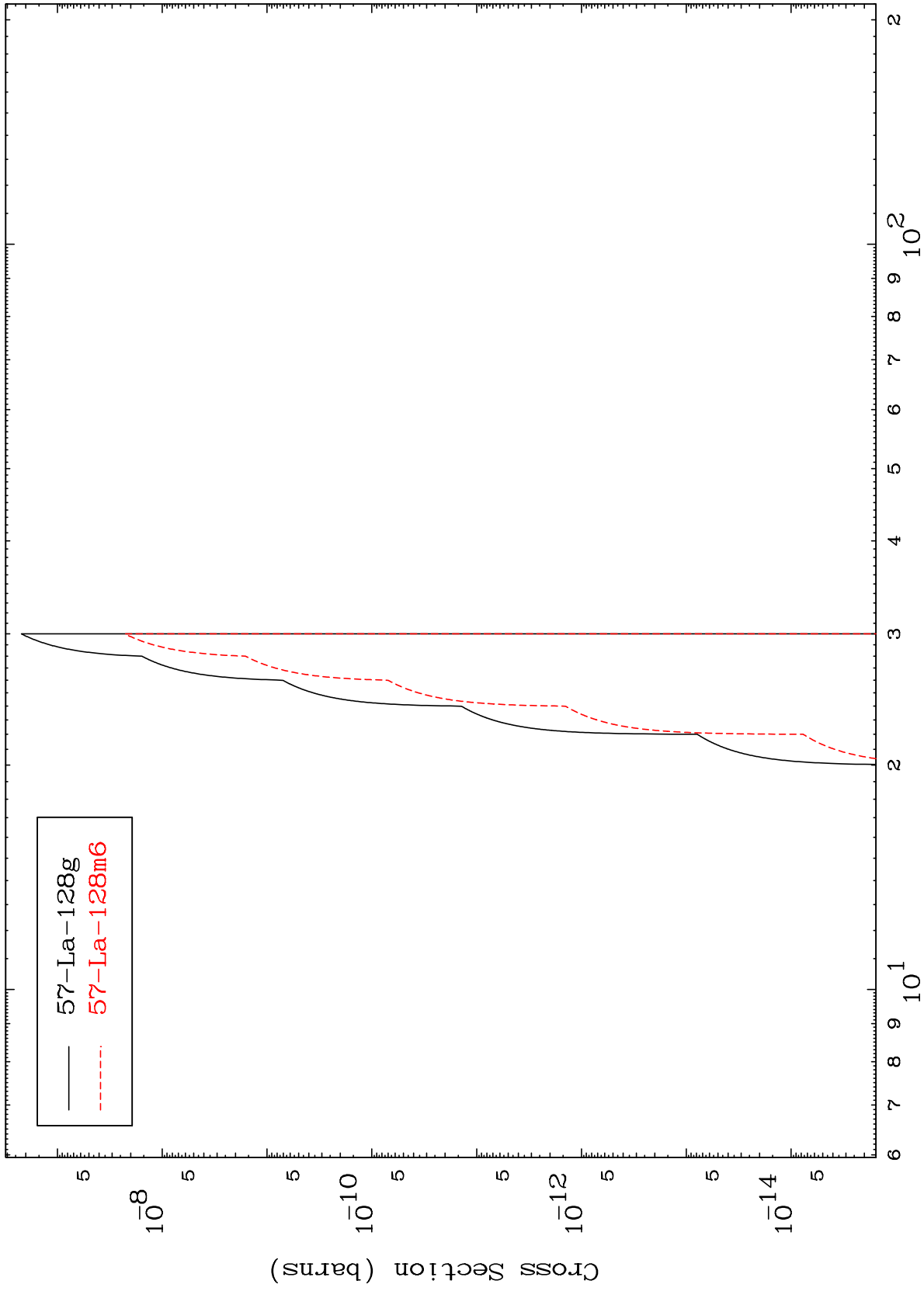
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

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



15

Incident Energy (MeV)

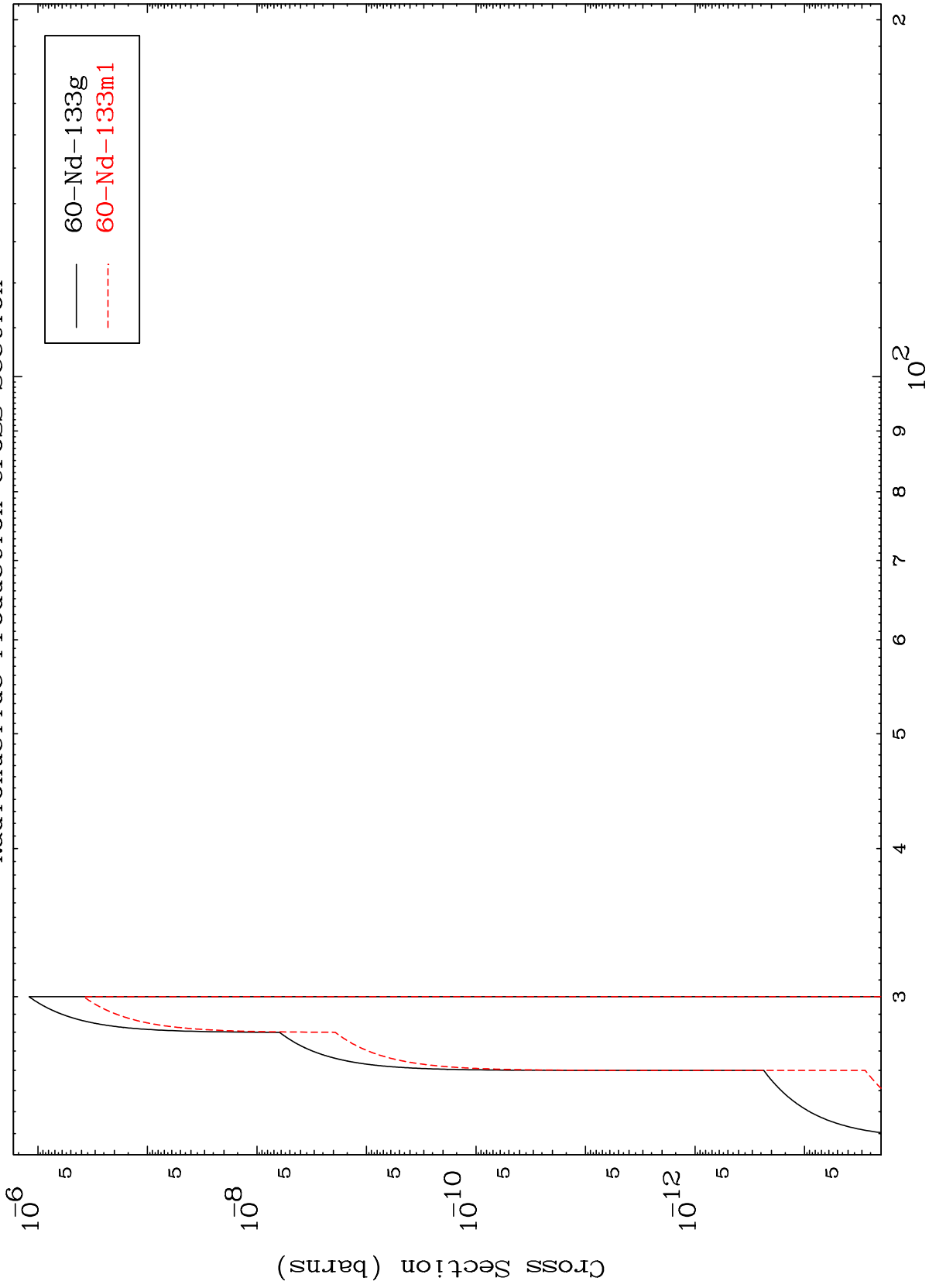
60-Nd-136

MAT 6007

(p,n') t

⁶⁰Nd-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

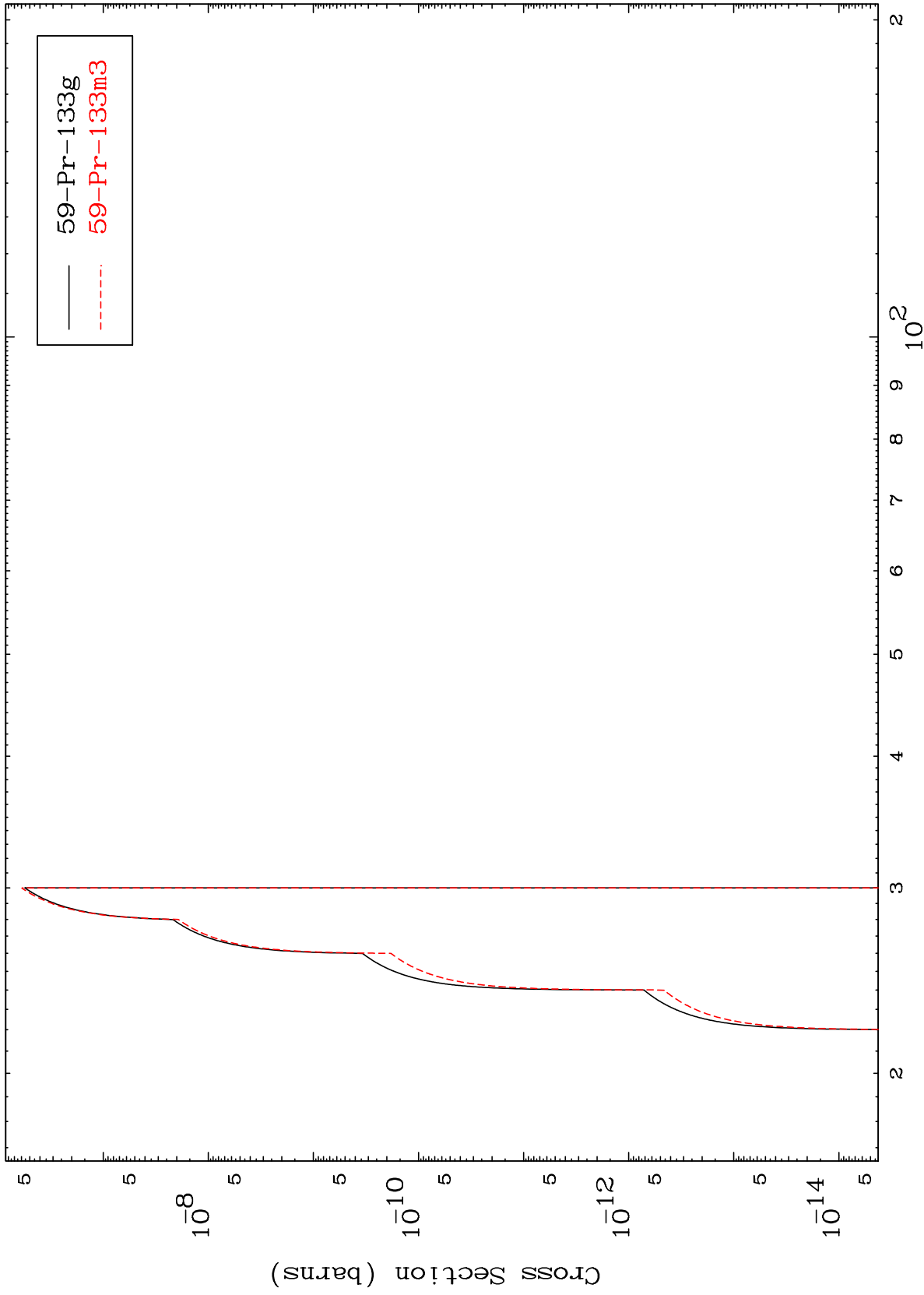
⁶⁰Nd-136

MAT 6007

(p,n') He-3

60-Nd-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

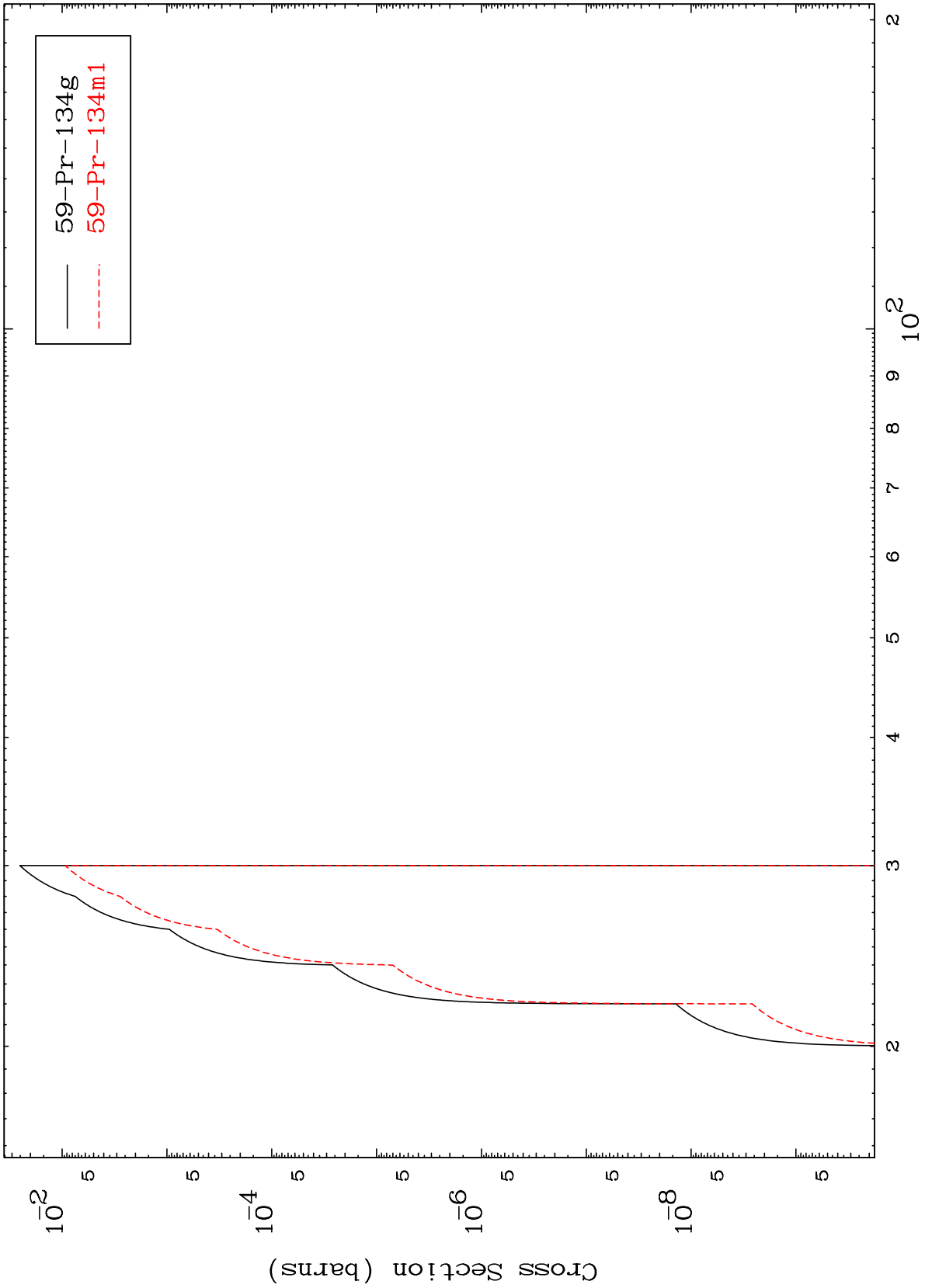
60-Nd-136

MAT 6007

(p,2n) p

60-Nd-136

Radionuclide Production Cross Section



18

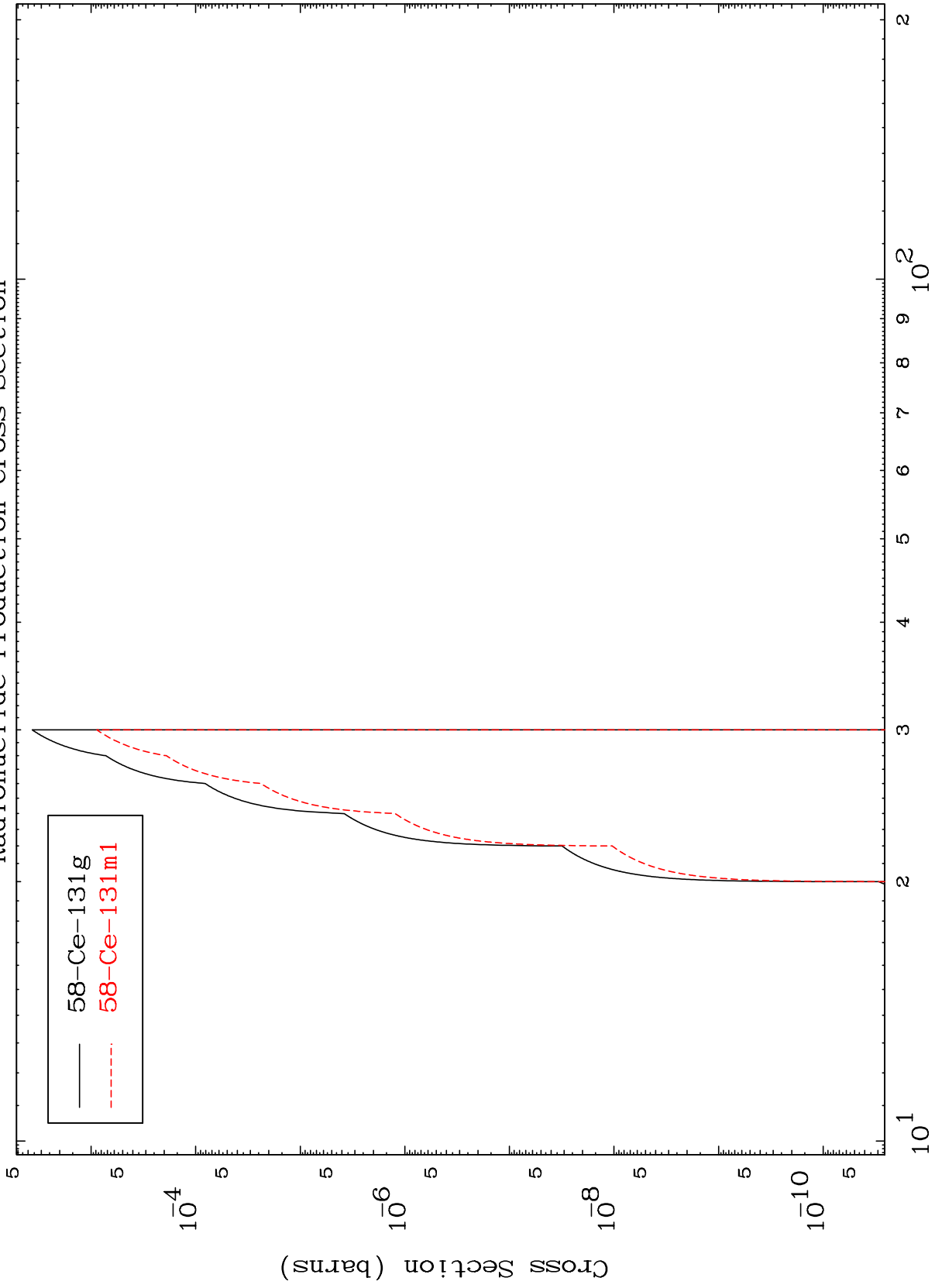
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(p,n) p α
Radionuclide Production Cross Section



60-Nd-136

Incident Energy (MeV)

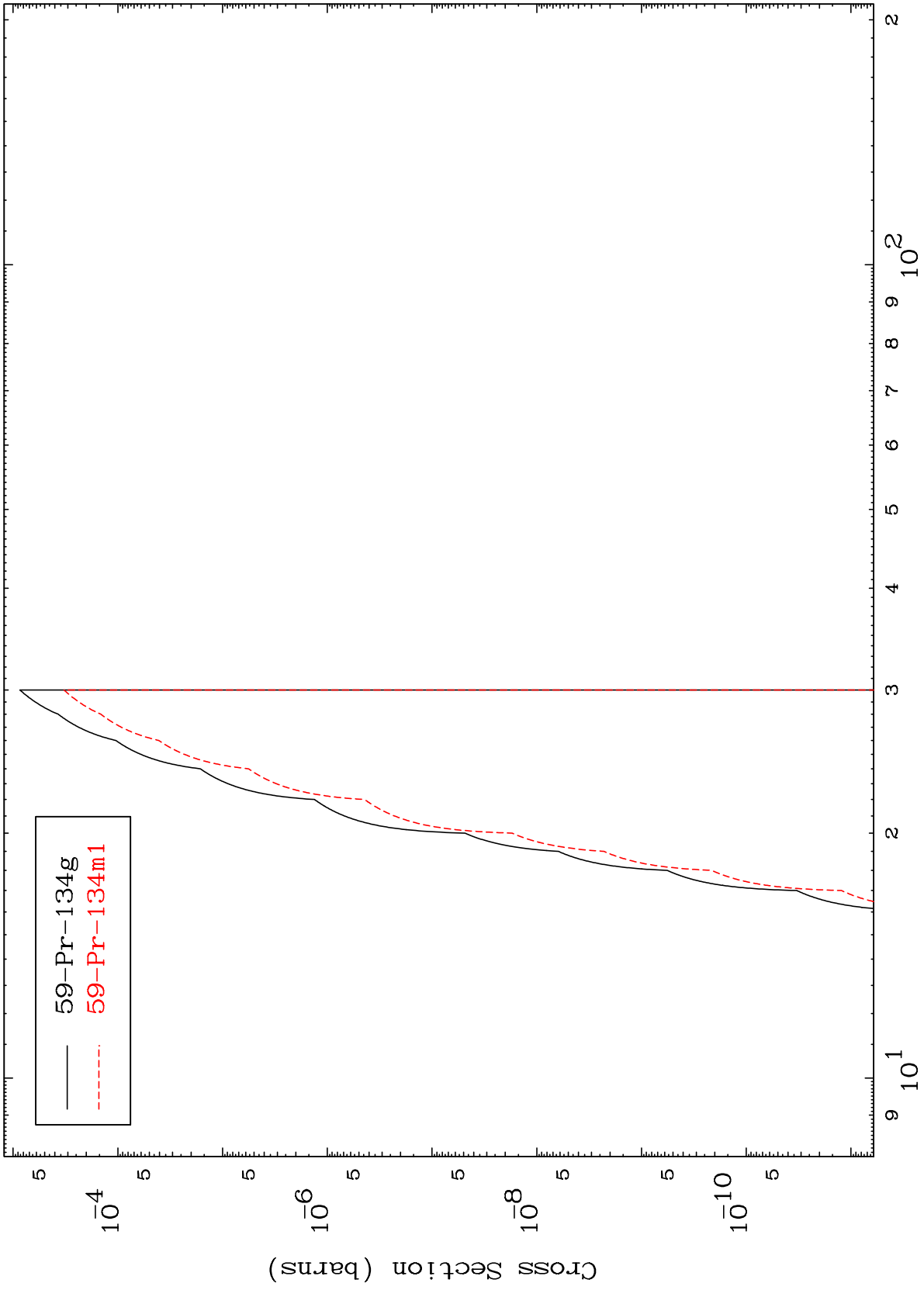
19

MAT 6007

(p,He-3)

60-Nd-136

Radionuclide Production Cross Section



20

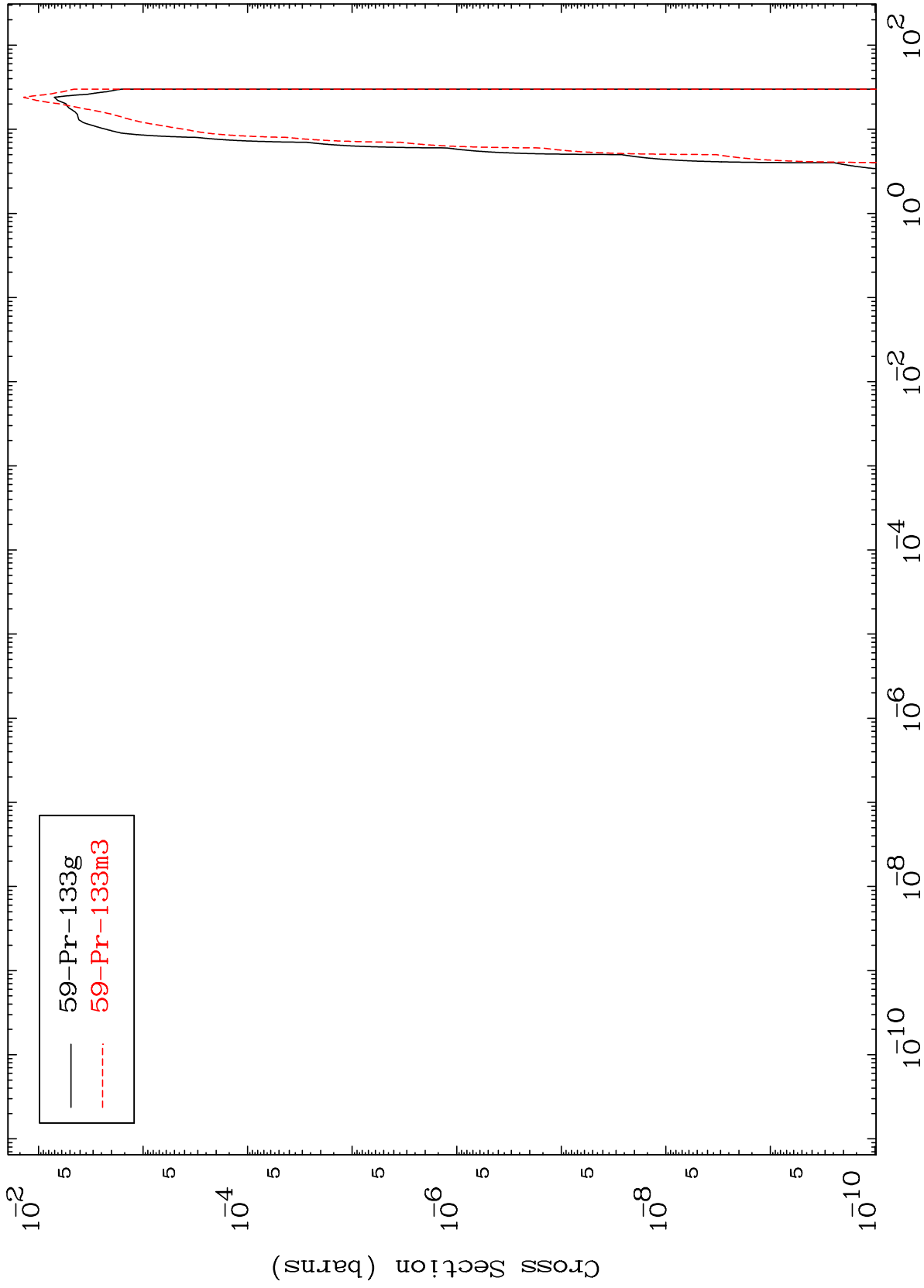
Incident Energy (MeV)

60-Nd-136

MAT 6007

Radionuclide Production Cross Section
(p, α)

$^{60}\text{Nd-136}$



21

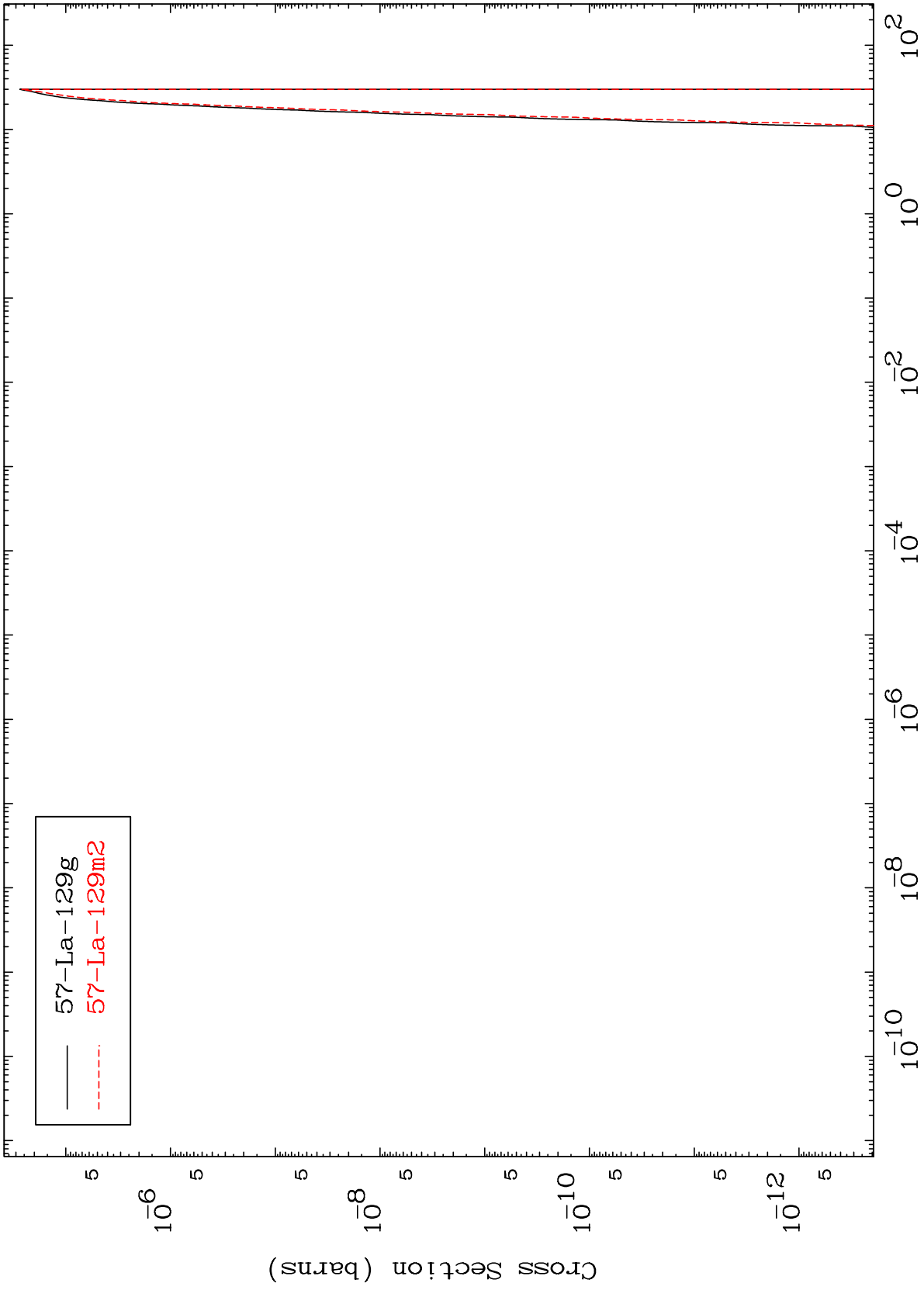
Incident Energy (MeV)

$^{60}\text{Nd-136}$

MAT 6007

Radionuclide Production Cross Section
(p,2α)

60-Nd-136



22

Incident Energy (MeV)

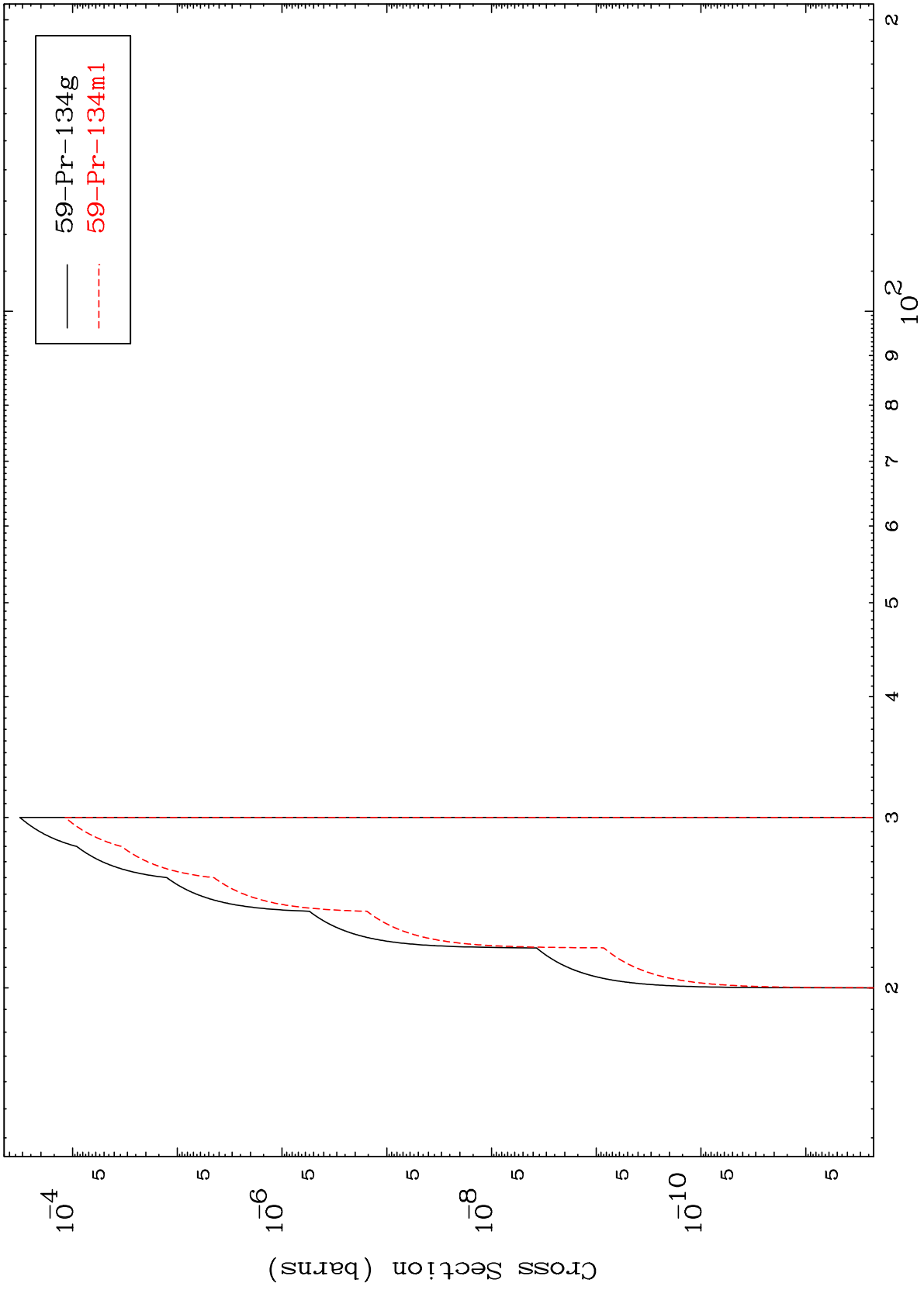
60-Nd-136

MAT 6007

(p,p) d

60-Nd-136

Radionuclide Production Cross Section



23

Incident Energy (MeV)

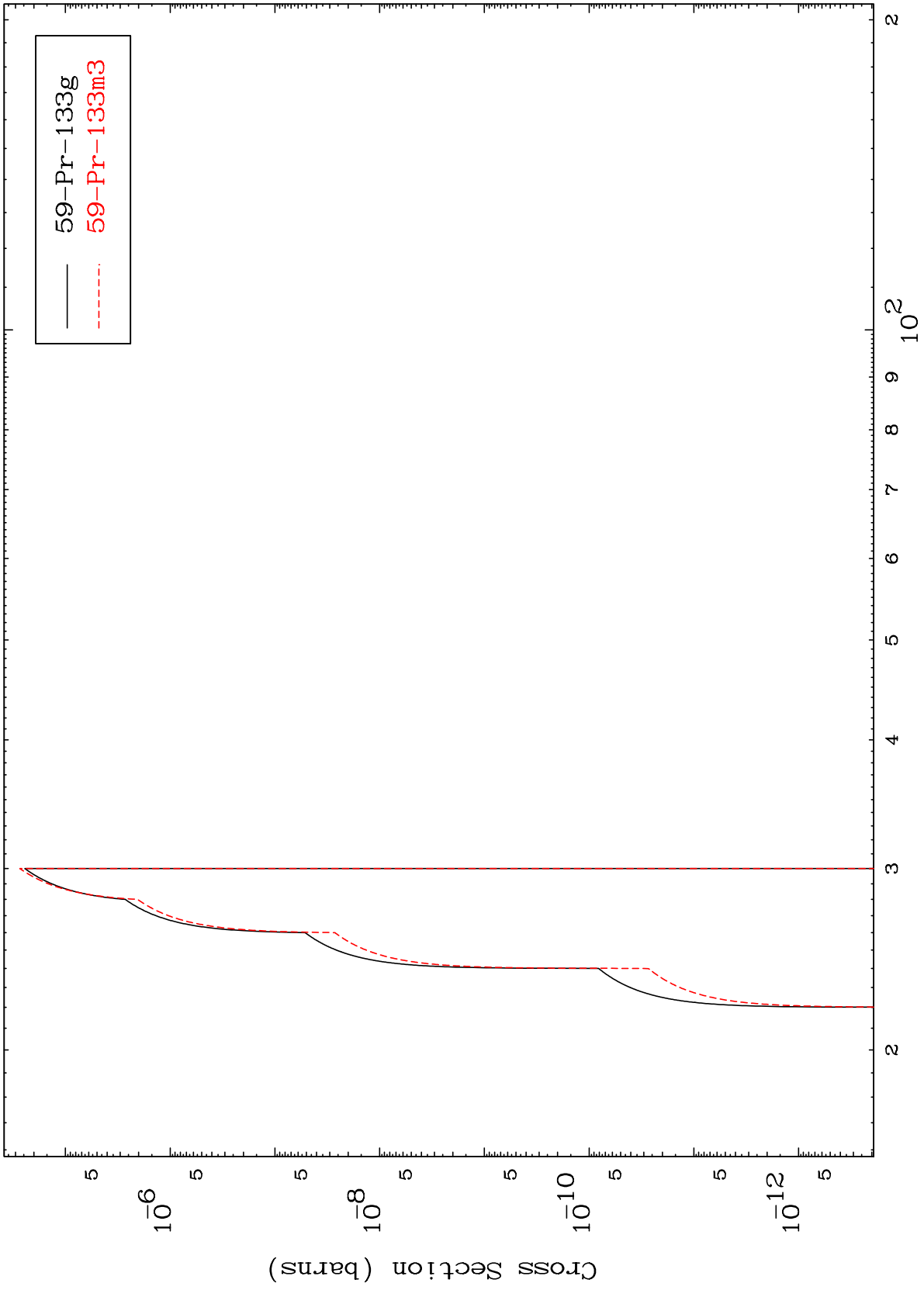
60-Nd-136

MAT 6007

(p,p) t

60-Nd-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

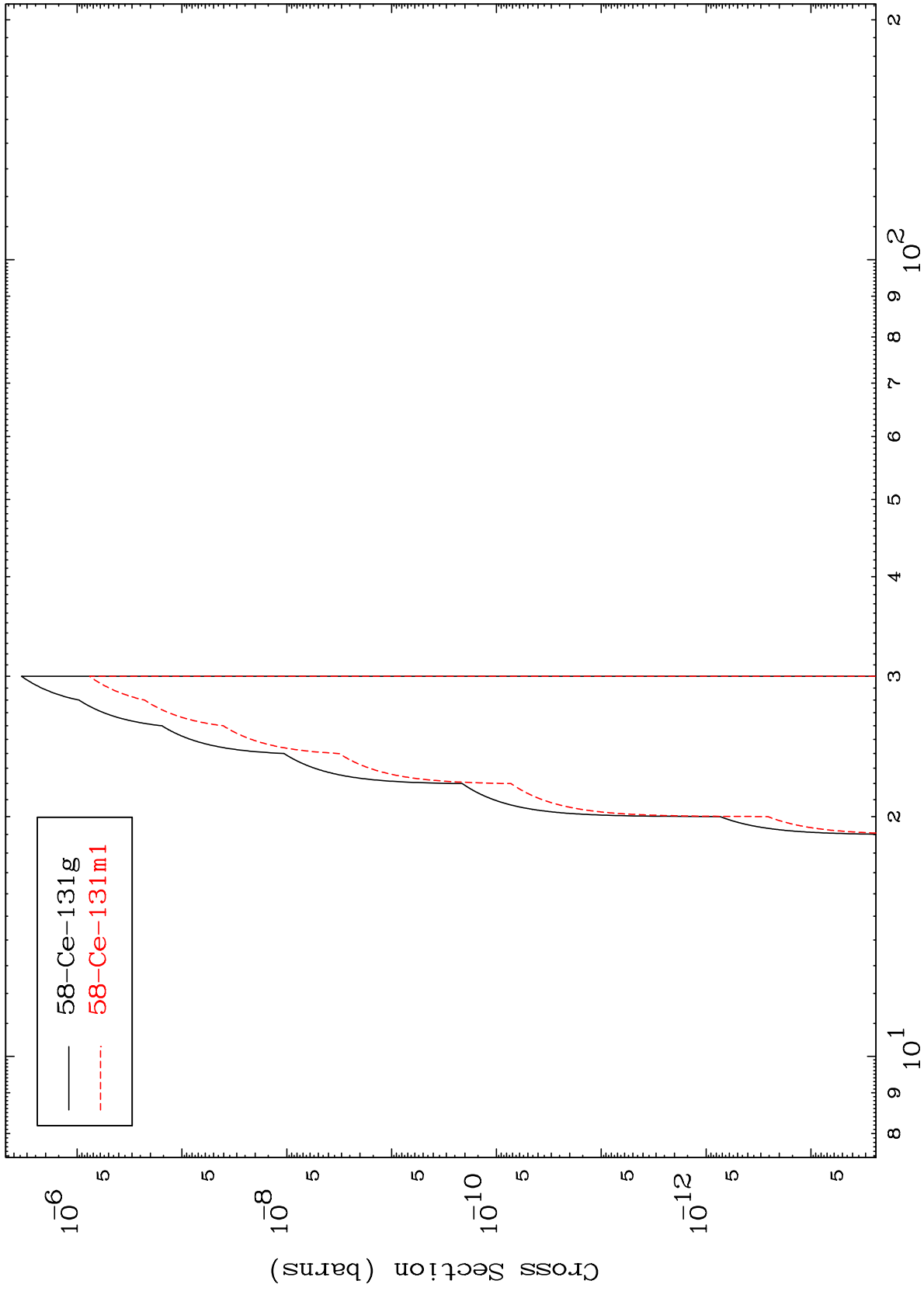
60-Nd-136

MAT 6007

(p,d) α

60-Nd-136

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

25

Incident Energy (MeV)

60-Nd-136