

Program EVALPLOT
(Version 2018-1)

by

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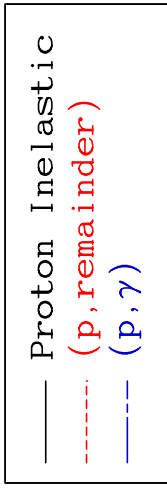
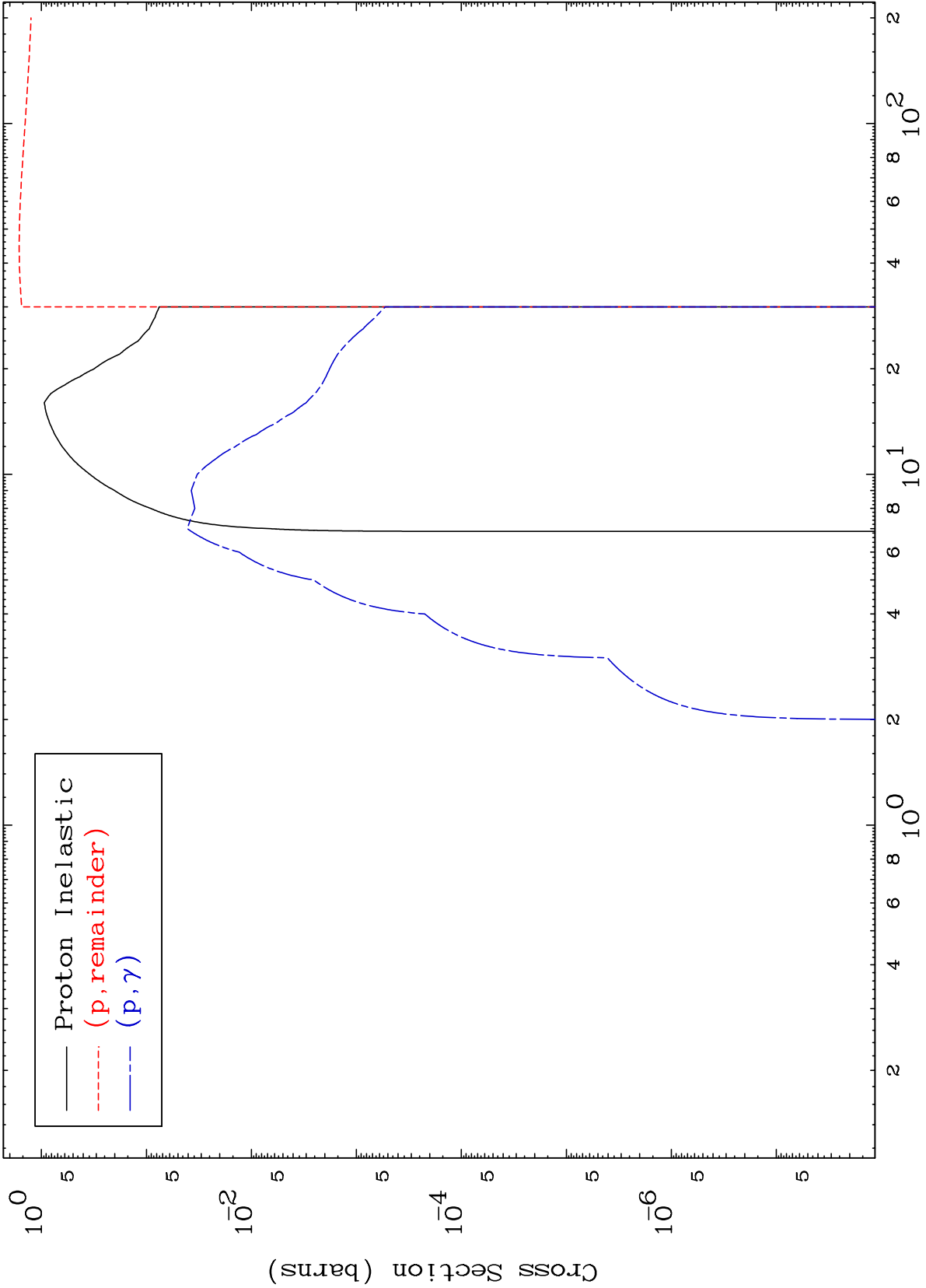
Press Mouse Button to Start

MAT 6019

Proton Major

60-Nd-140

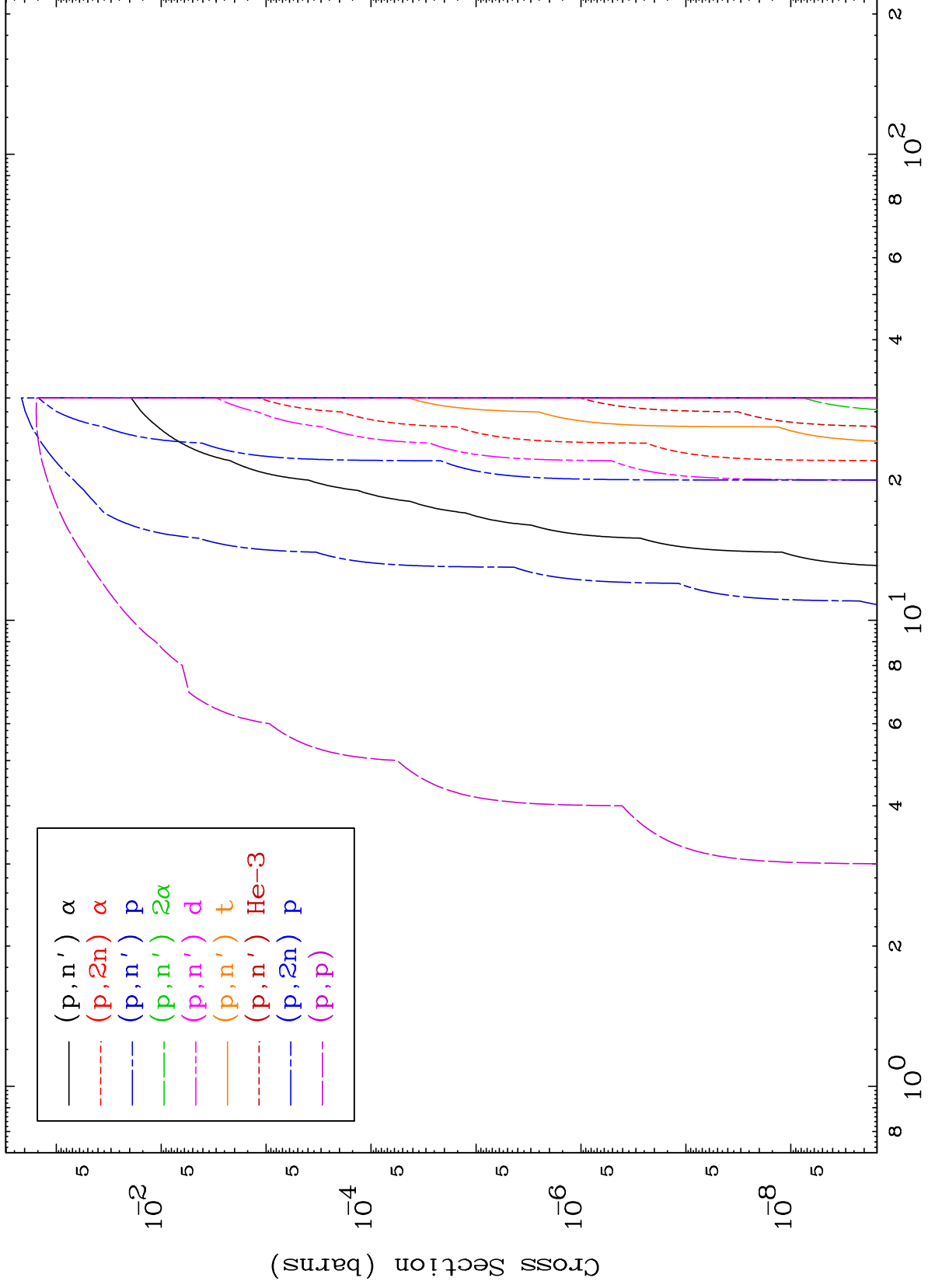
0 Kelvin Cross Sections



MAT 6019

Proton Charged Particle
0 Kelvin Cross Sections

60-Nd-140



3

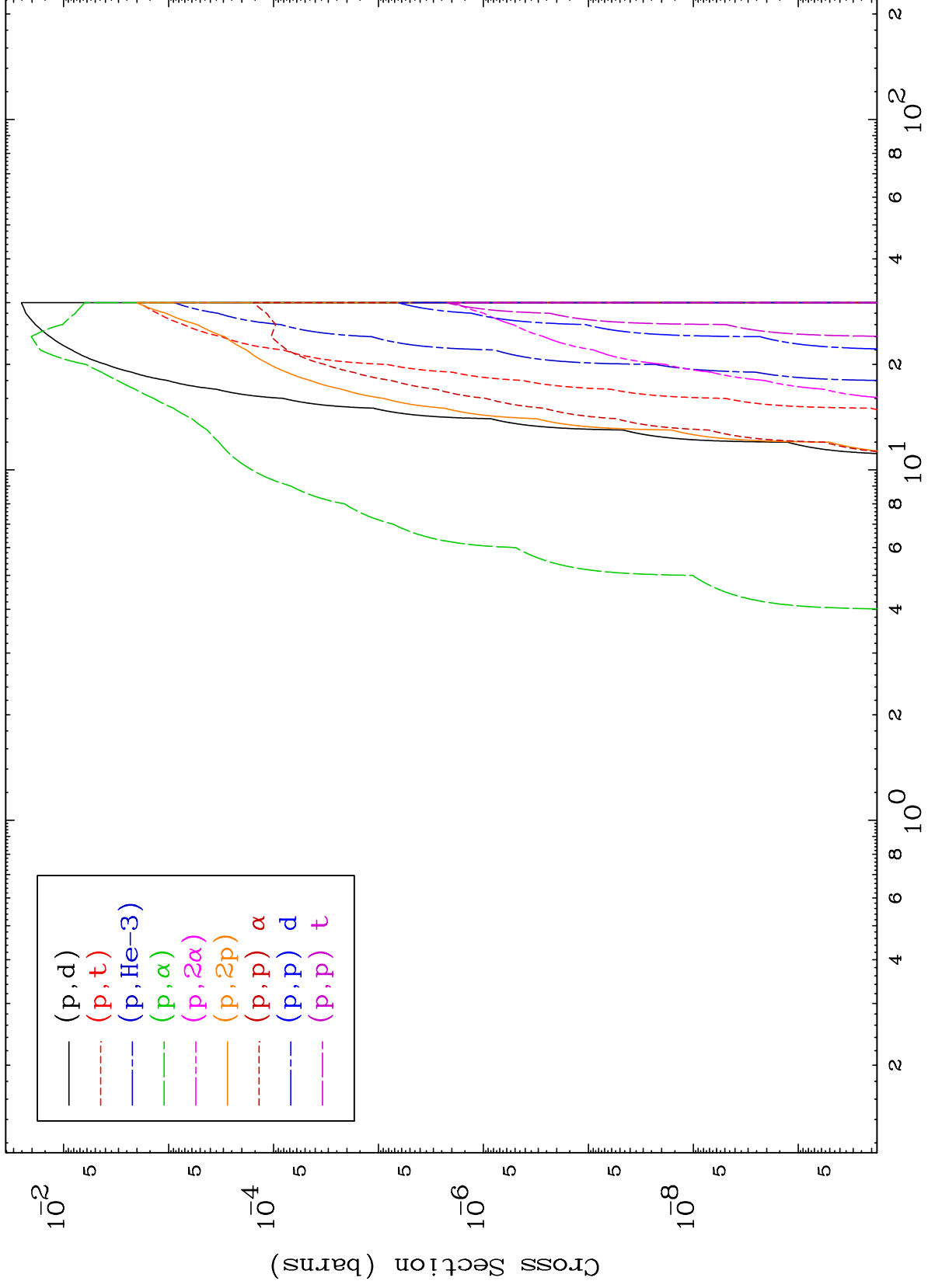
Incident Energy (MeV)

60-Nd-140

MAT 6019

Proton Charged Particle
0 Kelvin Cross Sections

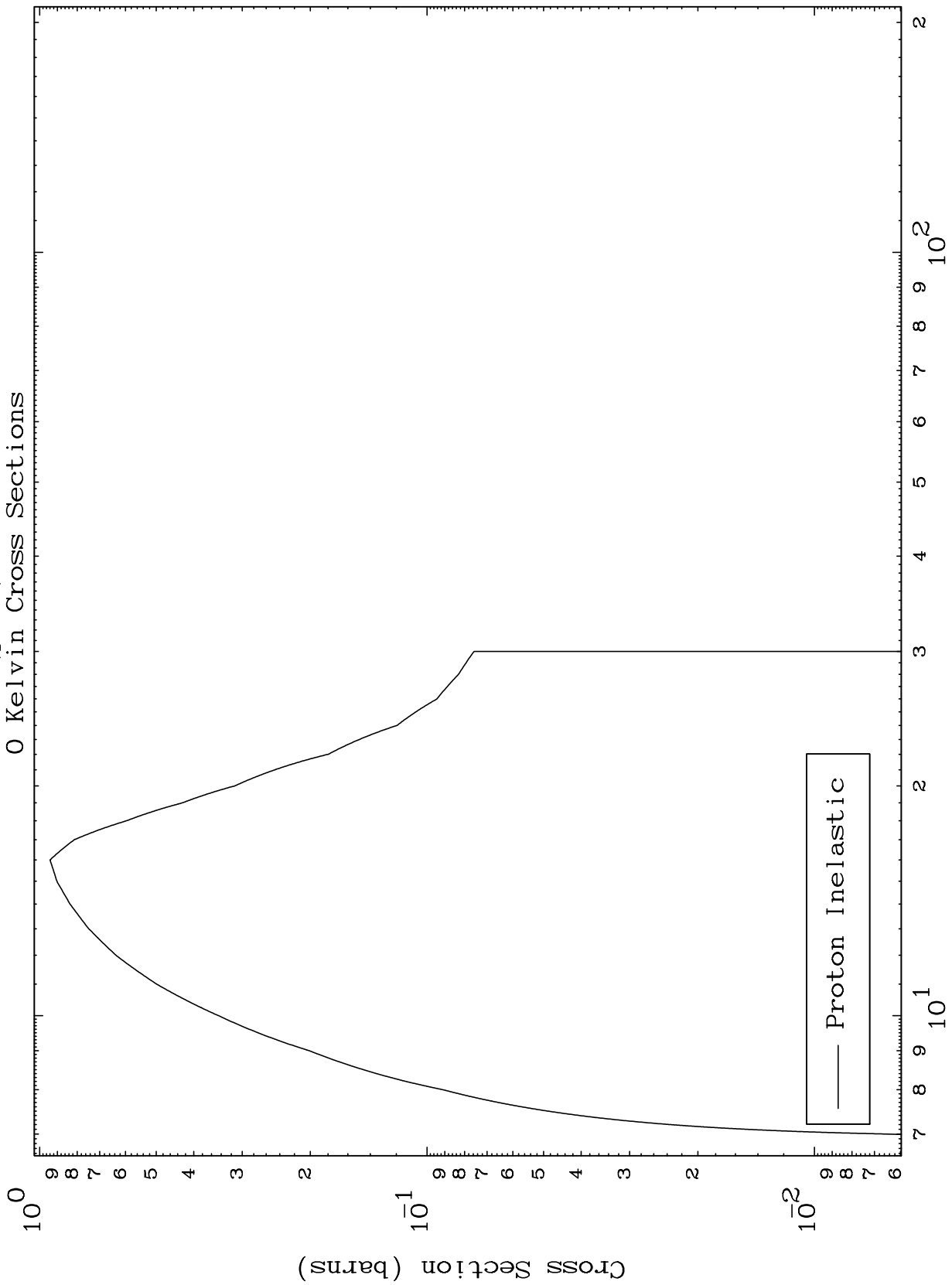
60-Nd-140



MAT 6019

60-Nd-140

(p,n') Level
0 Kelvin Cross Sections



60-Nd-140

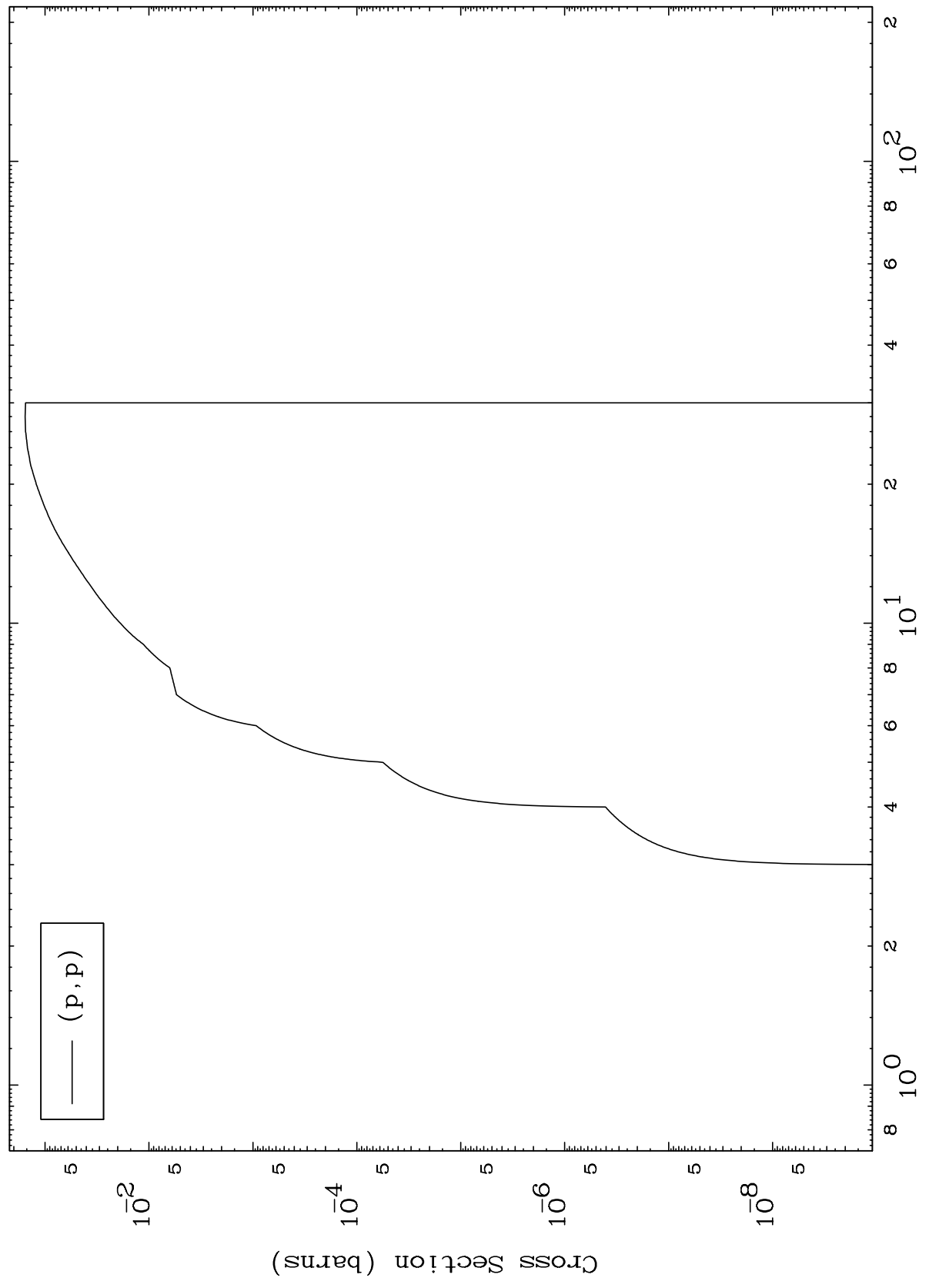
Incident Energy (MeV)

5

MAT 6019

60-Nd-140

(p,p) Levels
0 Kelvin Cross Sections



60-Nd-140

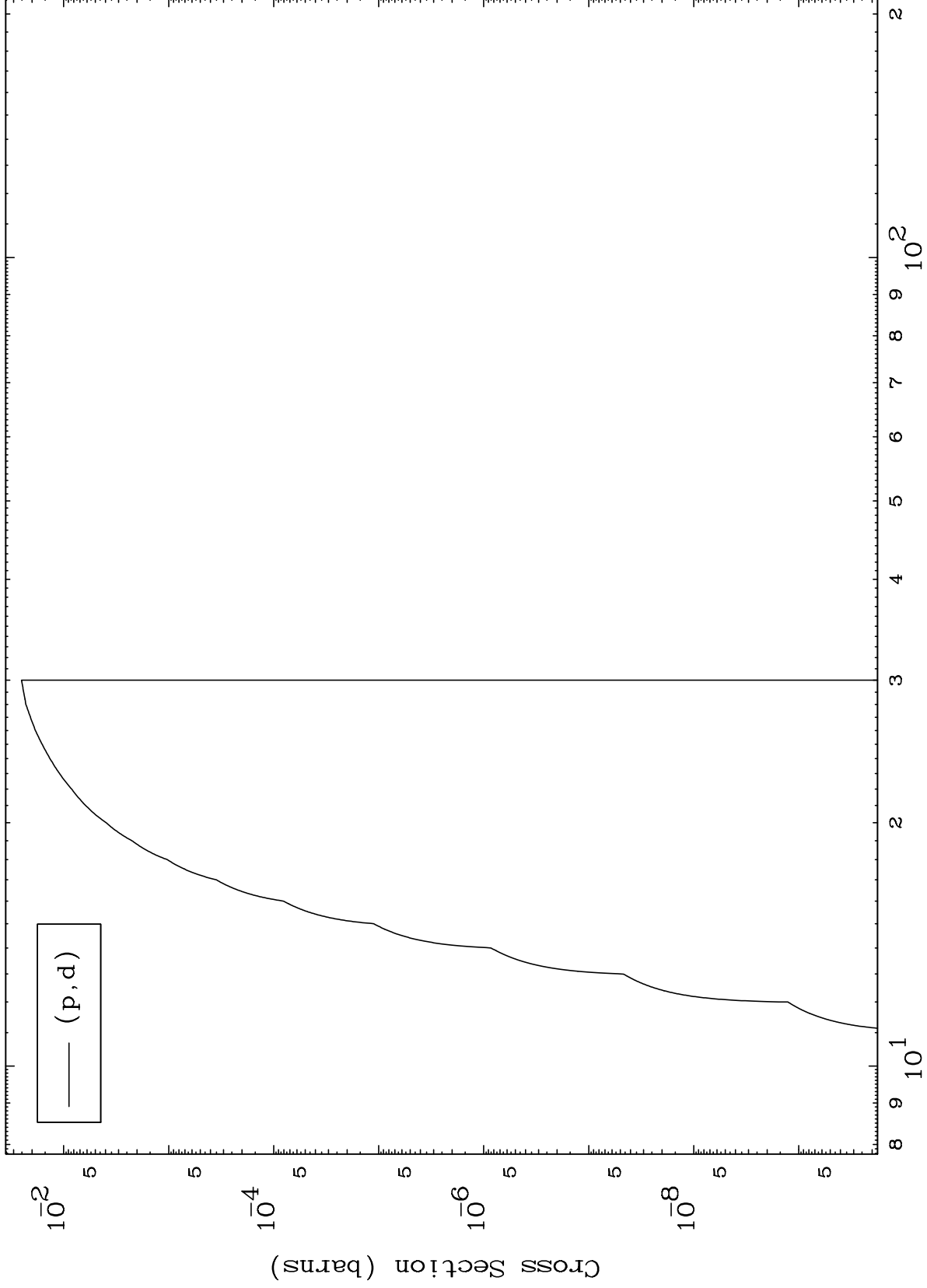
Incident Energy (MeV)

6

MAT 6019

(p,d) Levels
0 Kelvin Cross Sections

60-Nd-140



Incident Energy (MeV)

60-Nd-140

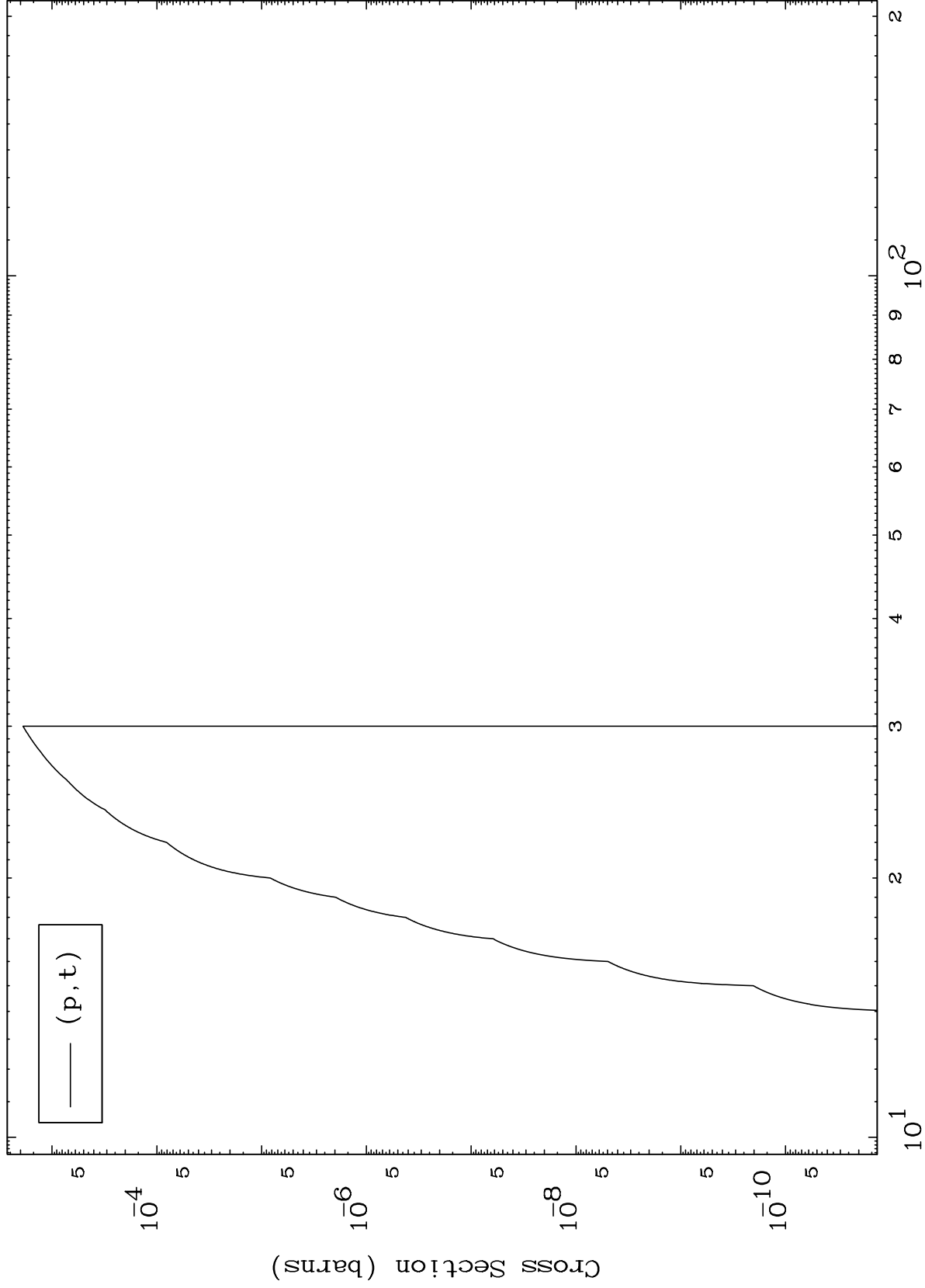
7

MAT 6019

(p,t) Levels

60-Nd-140

0 Kelvin Cross Sections



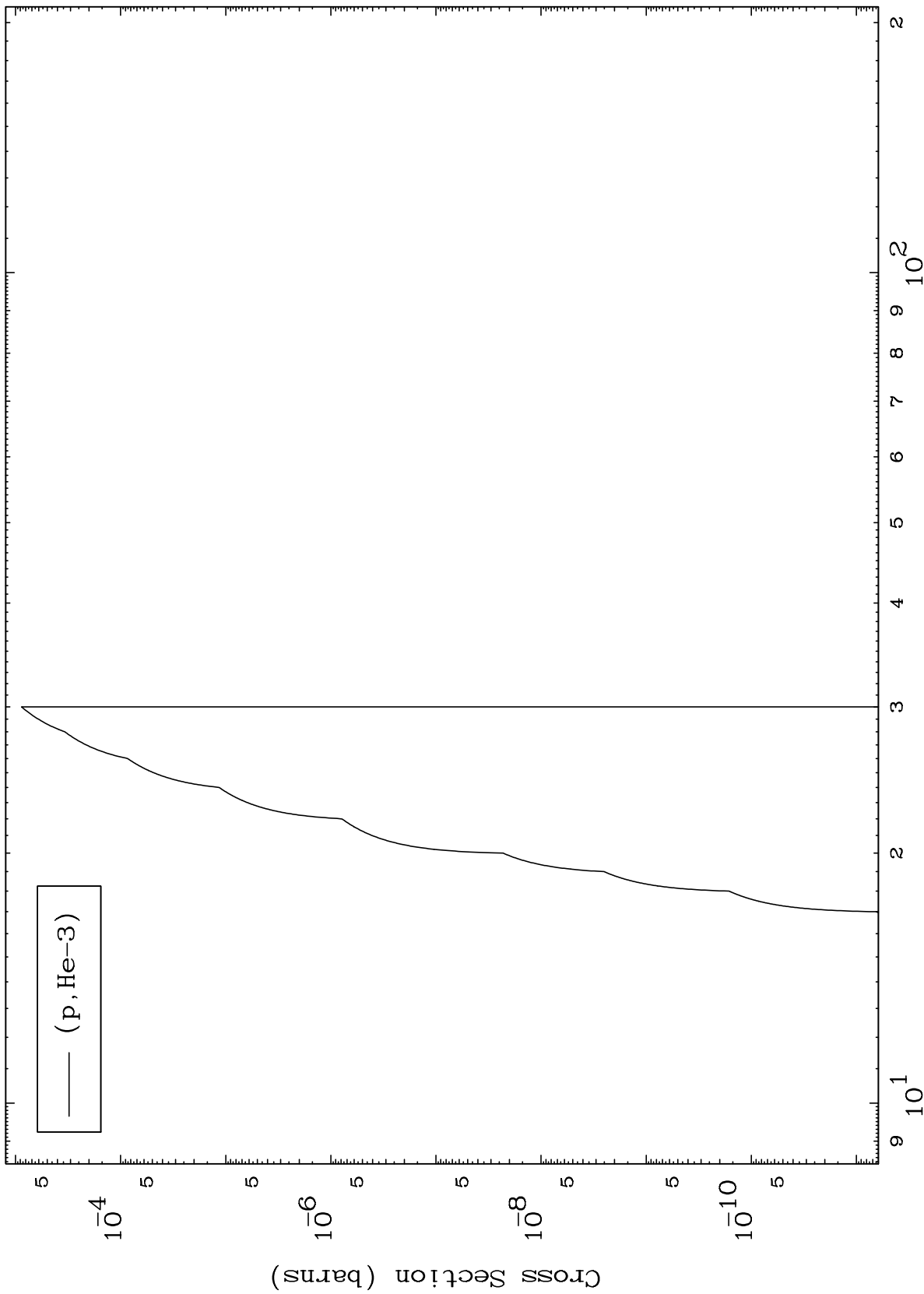
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(p,He3) Levels
0 Kelvin Cross Sections



60-Nd-140

Incident Energy (MeV)

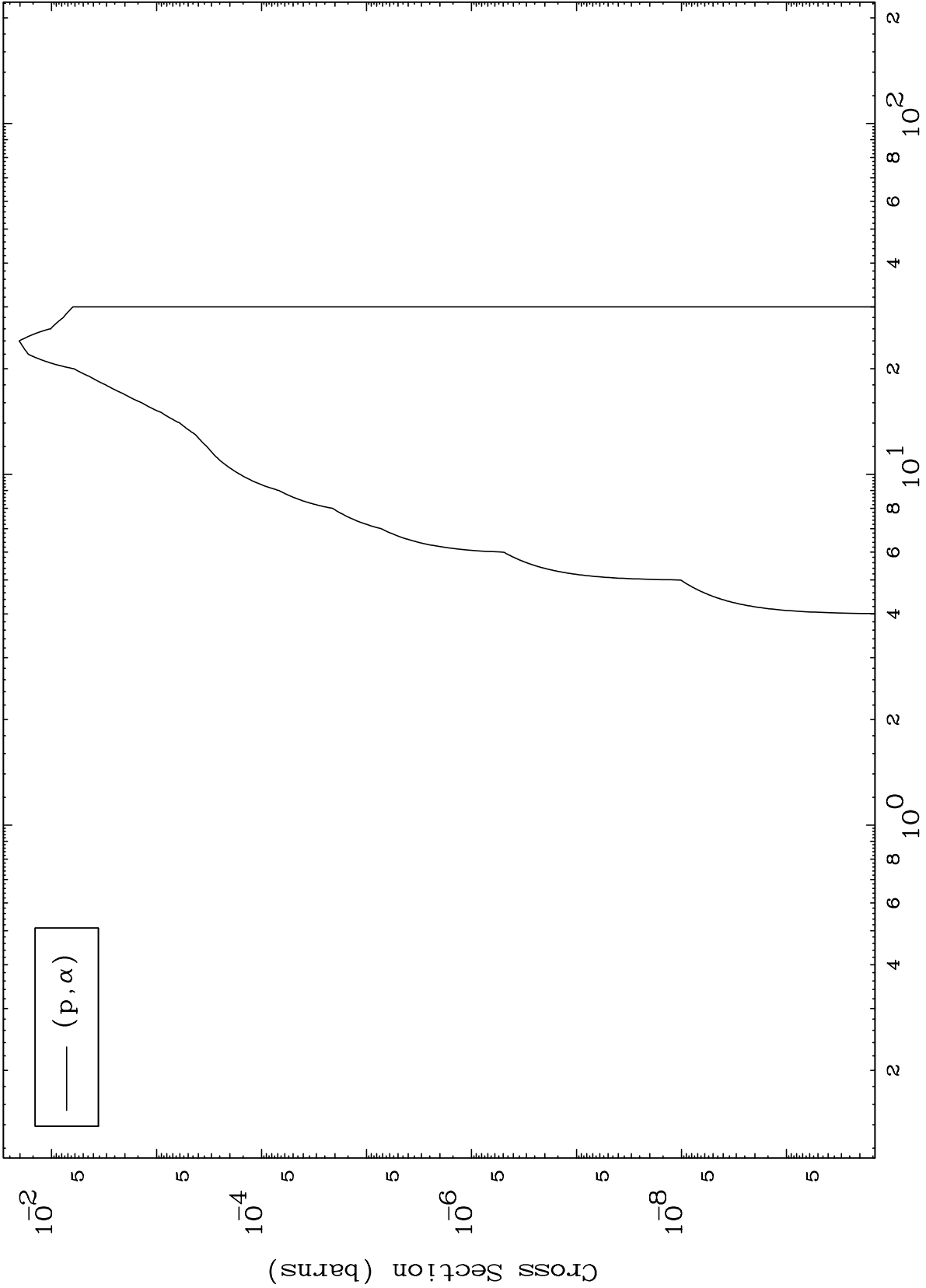
9 10¹

MAT 6019

(p, α) Levels

60-Nd-140

0 Kelvin Cross Sections



10

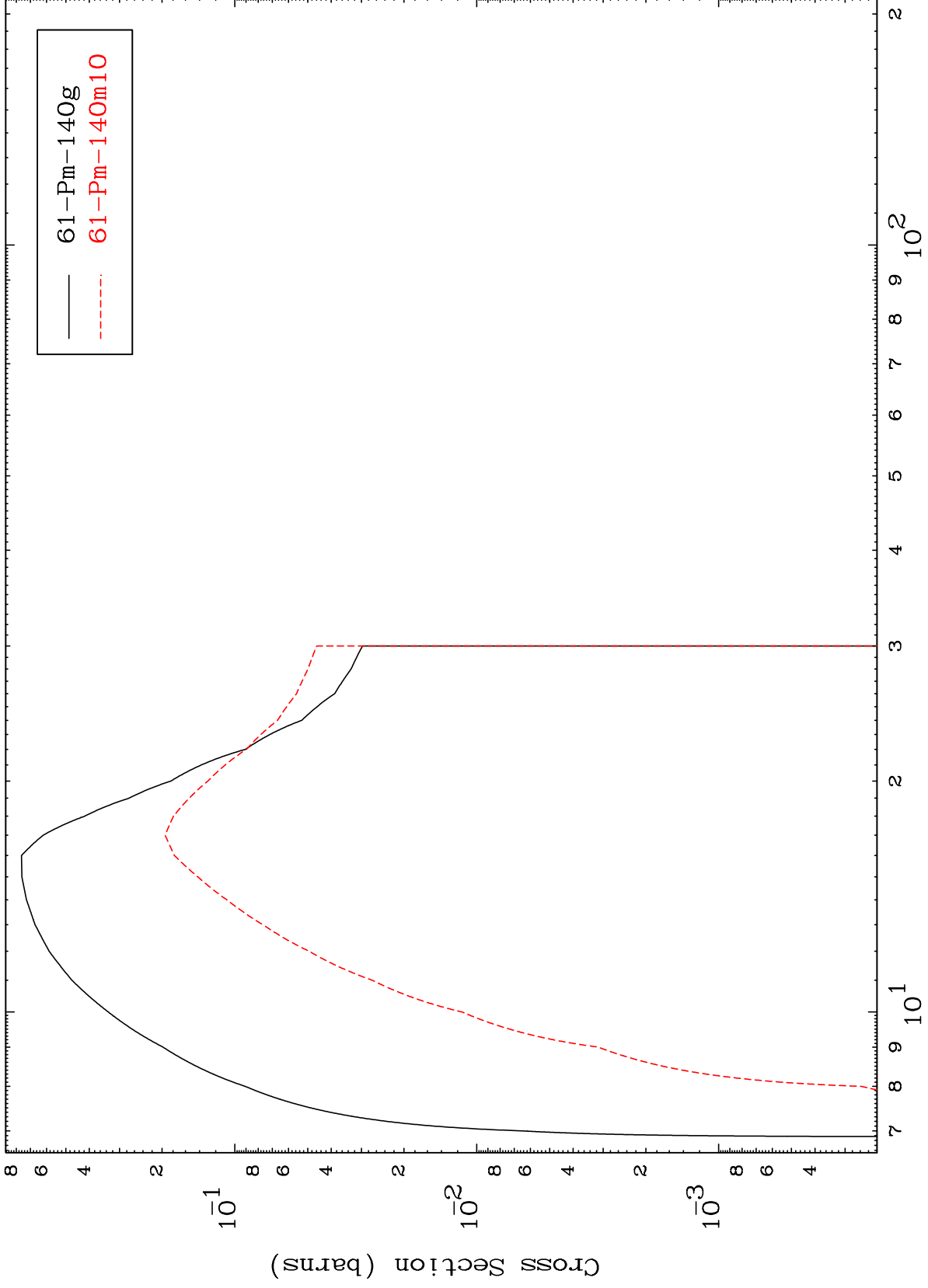
Incident Energy (MeV)

60-Nd-140

MAT 6019

Proton Inelastic
Radionuclide Production Cross Section

60-Nd-140



11

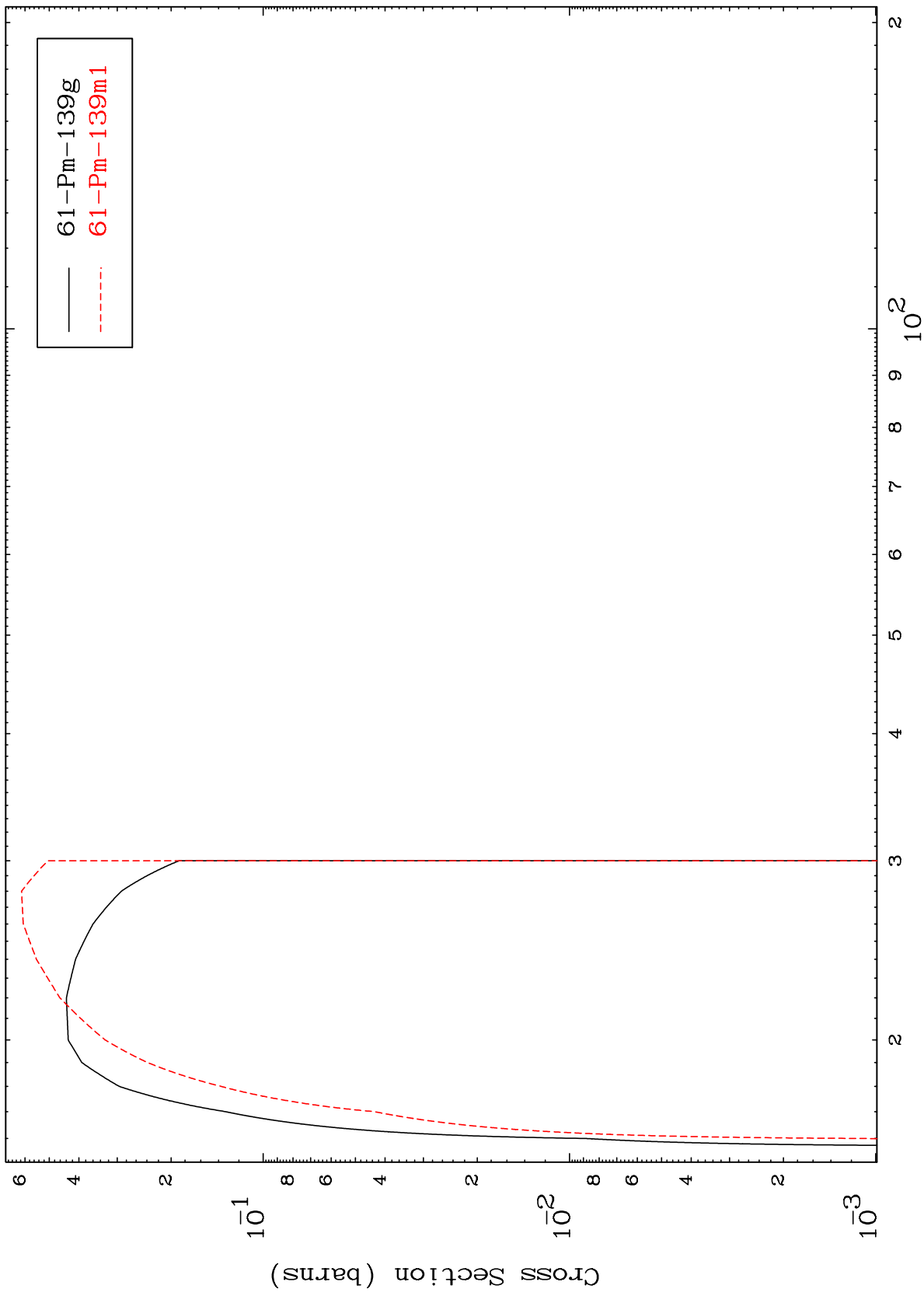
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(p,2n)
Radionuclide Production Cross Section



12

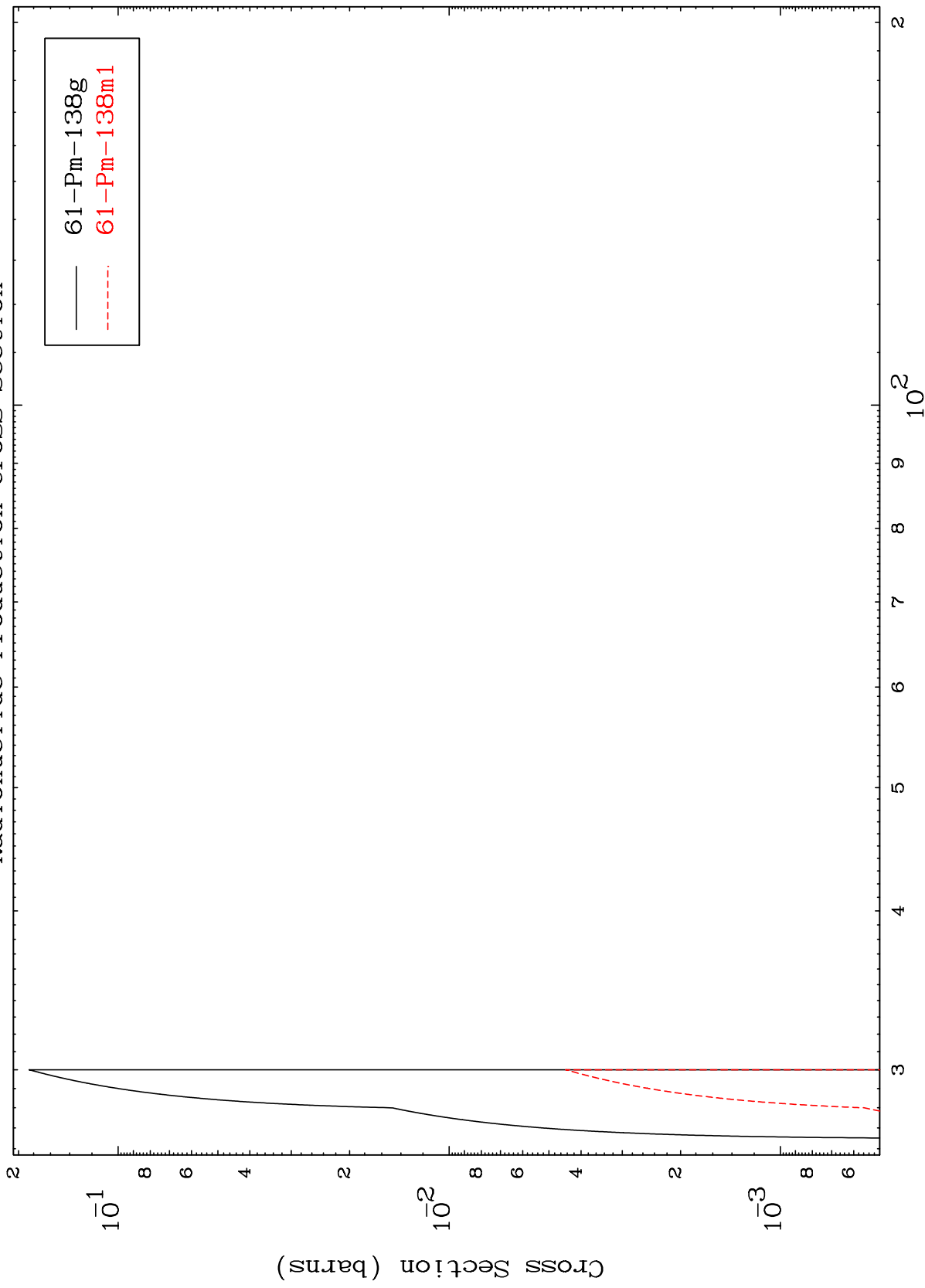
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(p,3n)
Radionuclide Production Cross Section



13

60-Nd-140

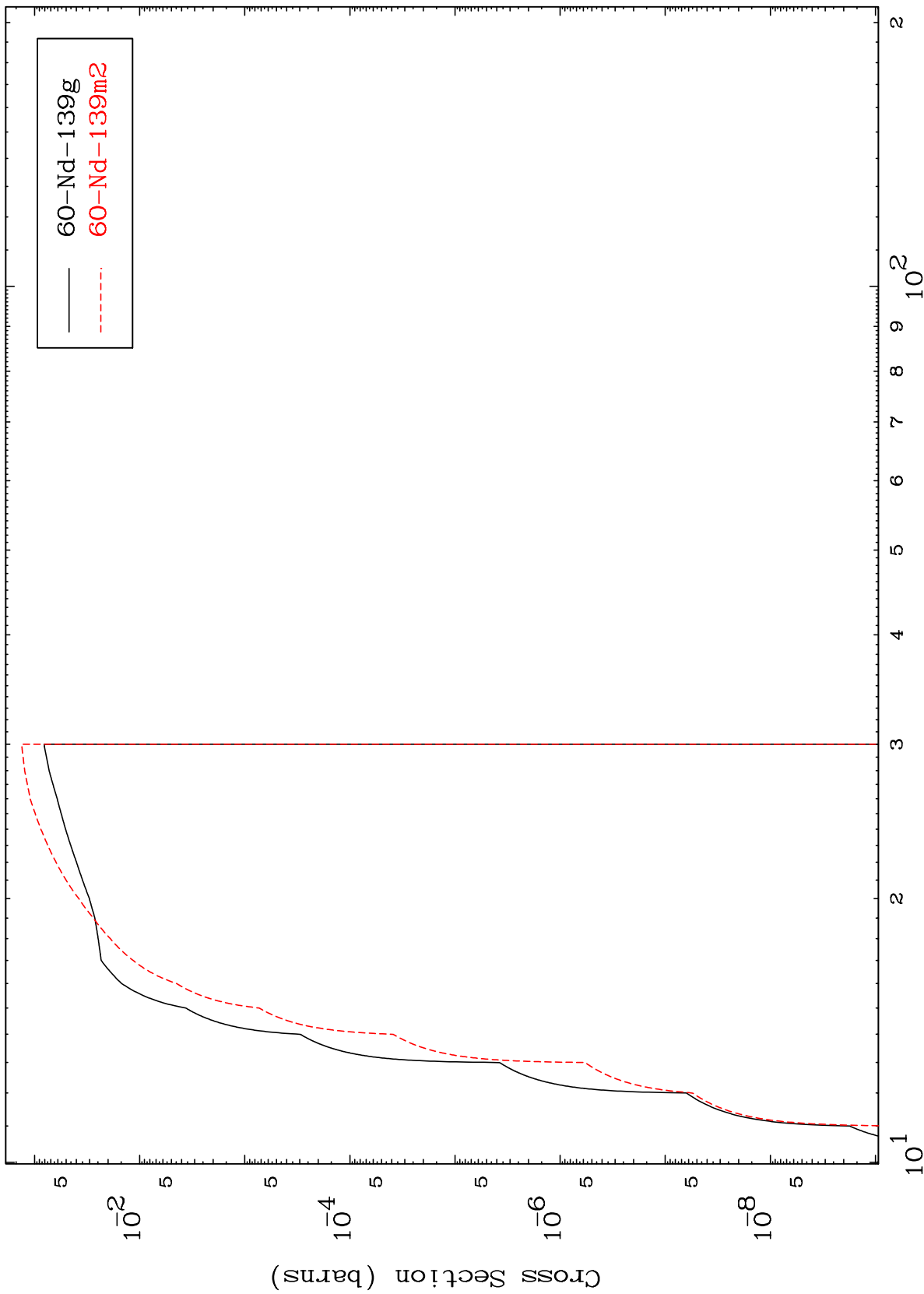
Incident Energy (MeV)

MAT 6019

(p,n') p

60-Nd-140

Radionuclide Production Cross Section



60-Nd-140

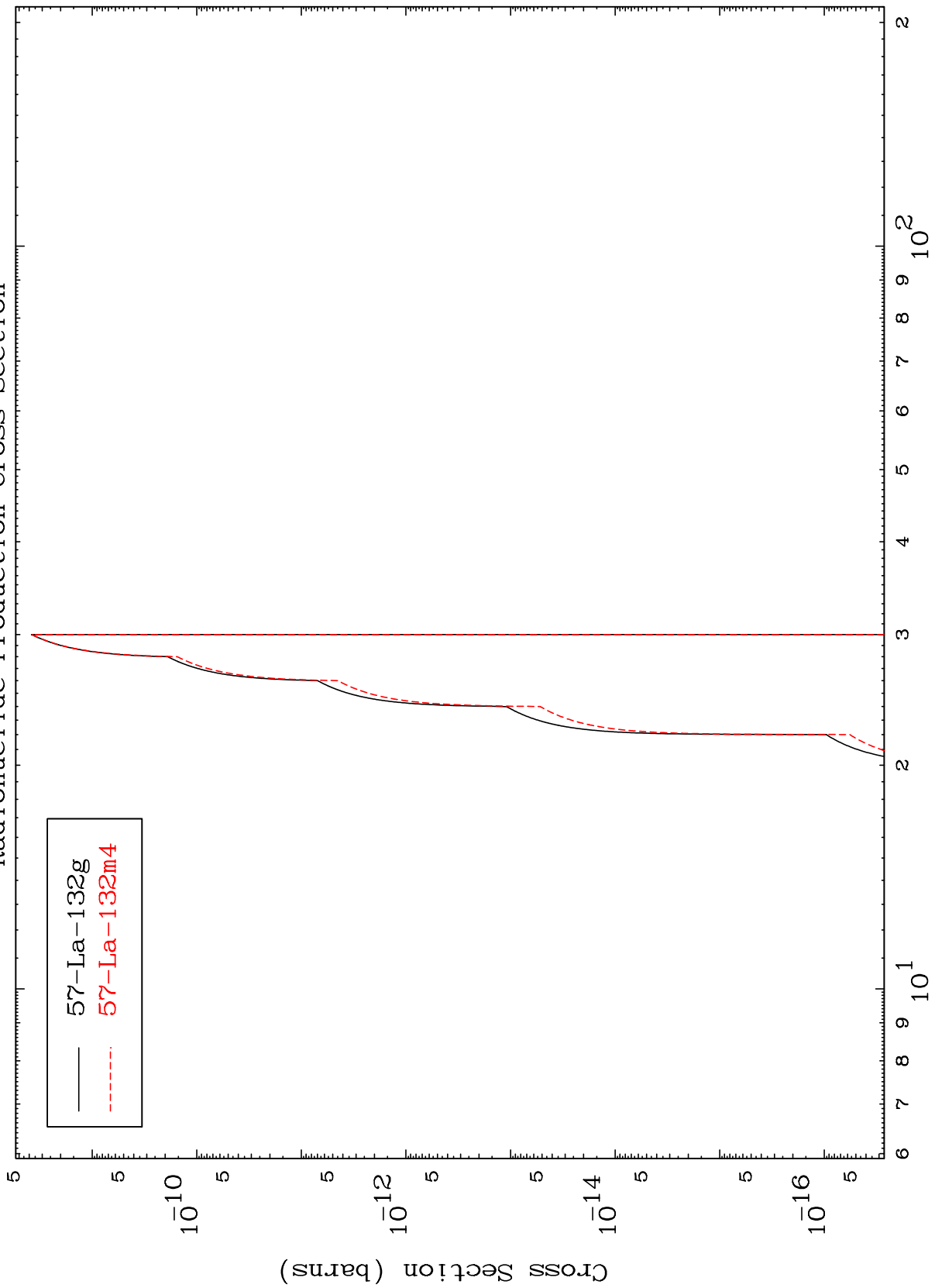
Incident Energy (MeV)

14

MAT 6019

60-Nd-140

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



15

Incident Energy (MeV)

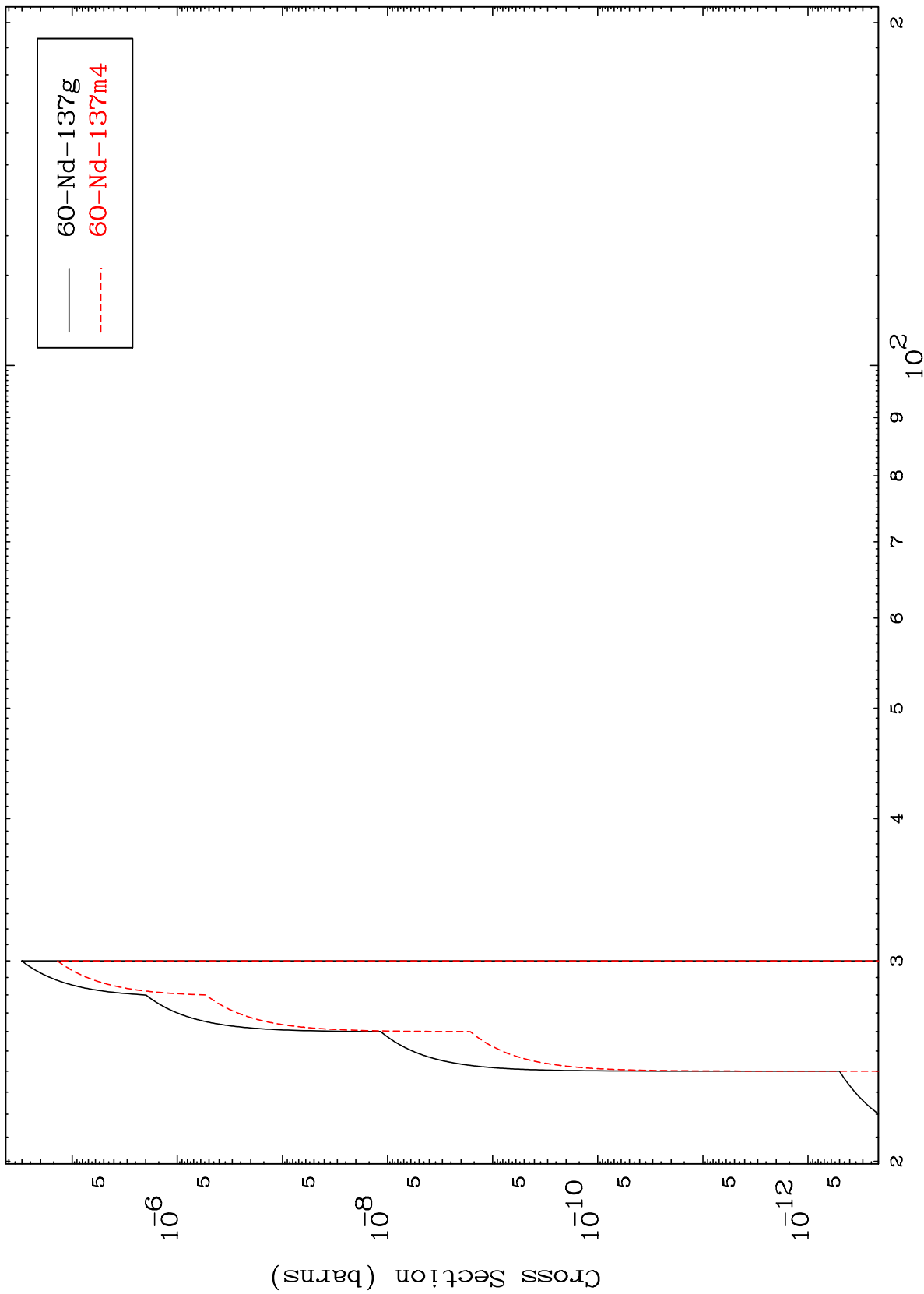
60-Nd-140

MAT 6019

(p,n') t

60-Nd-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

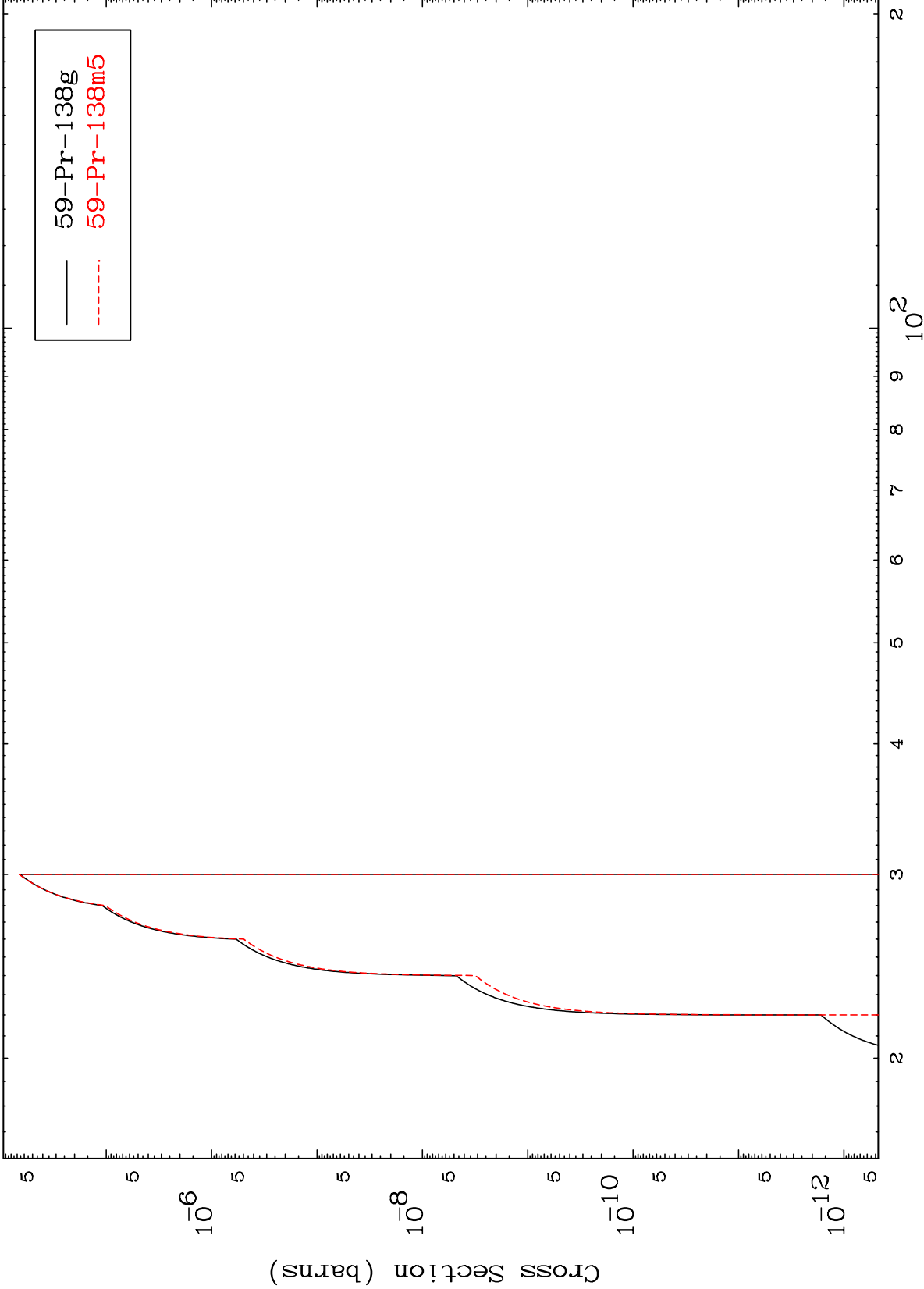
60-Nd-140

MAT 6019

(p,2n) p

60-Nd-140

Radionuclide Production Cross Section



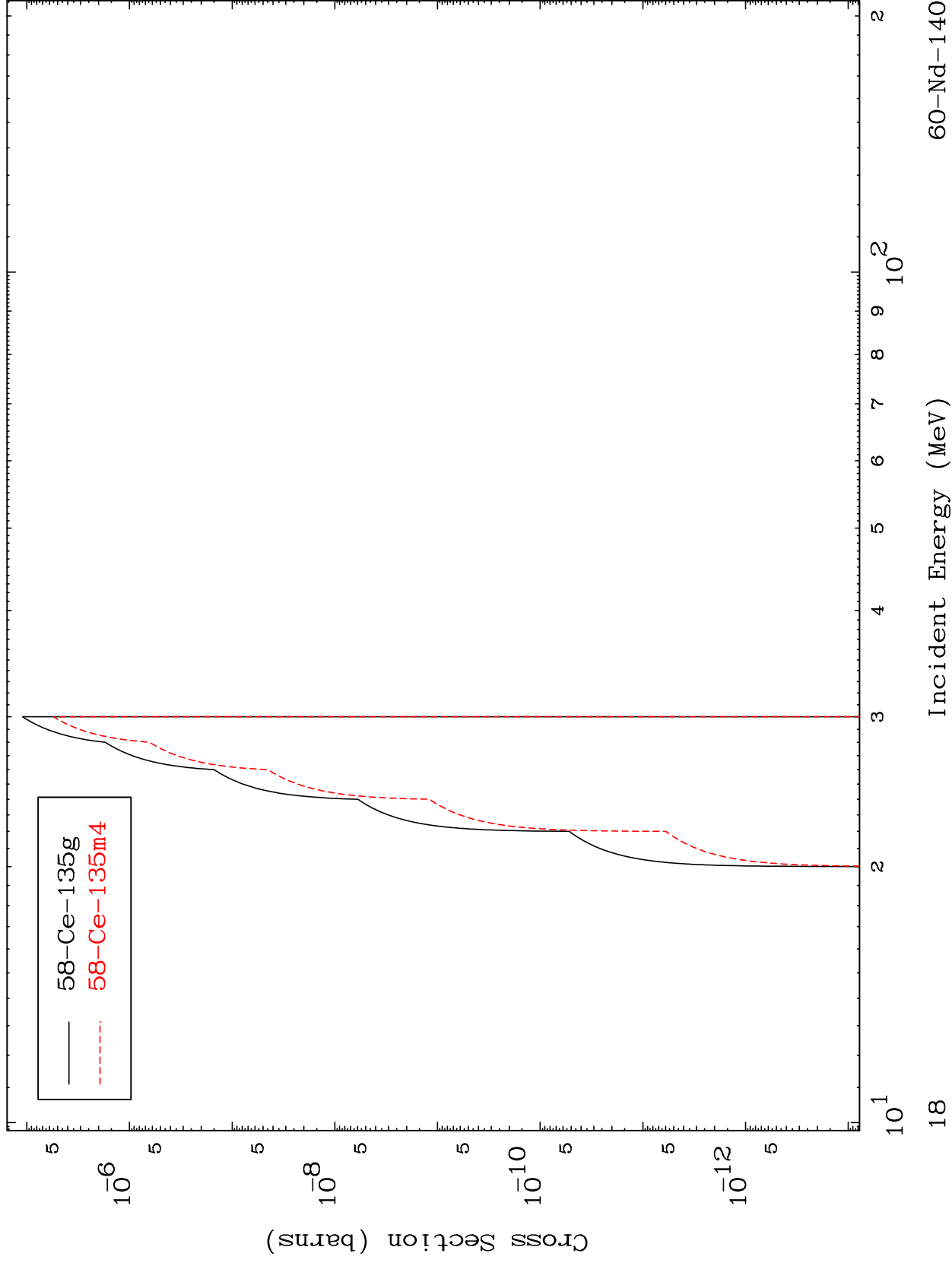
59-Pr-138g
59-Pr-138m5

MAT 6019

(p,n') p α

60-Nd-140

Radionuclide Production Cross Section



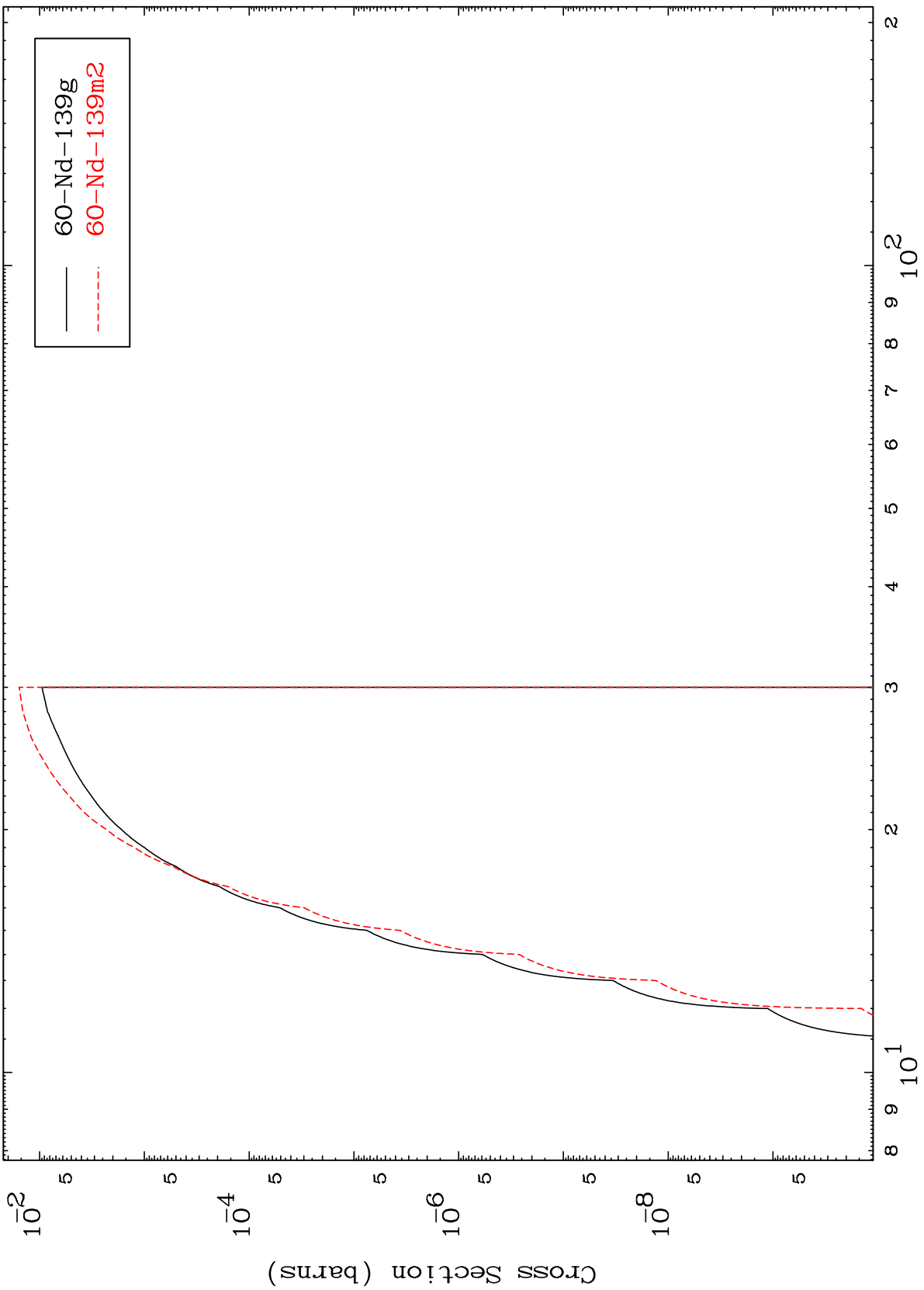
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(p,d)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

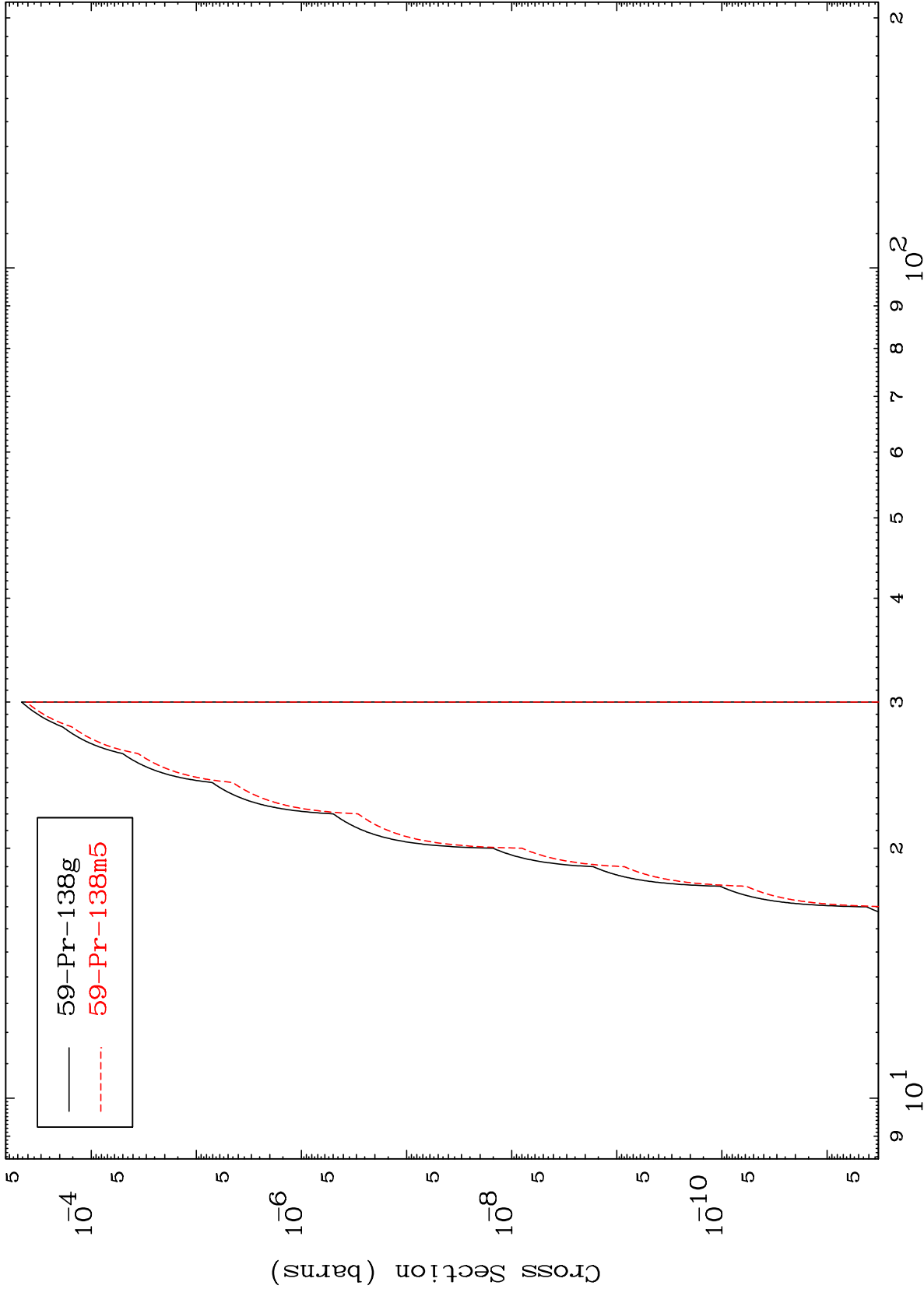
60-Nd-140

MAT 6019

(p,He-3)

60-Nd-140

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-140

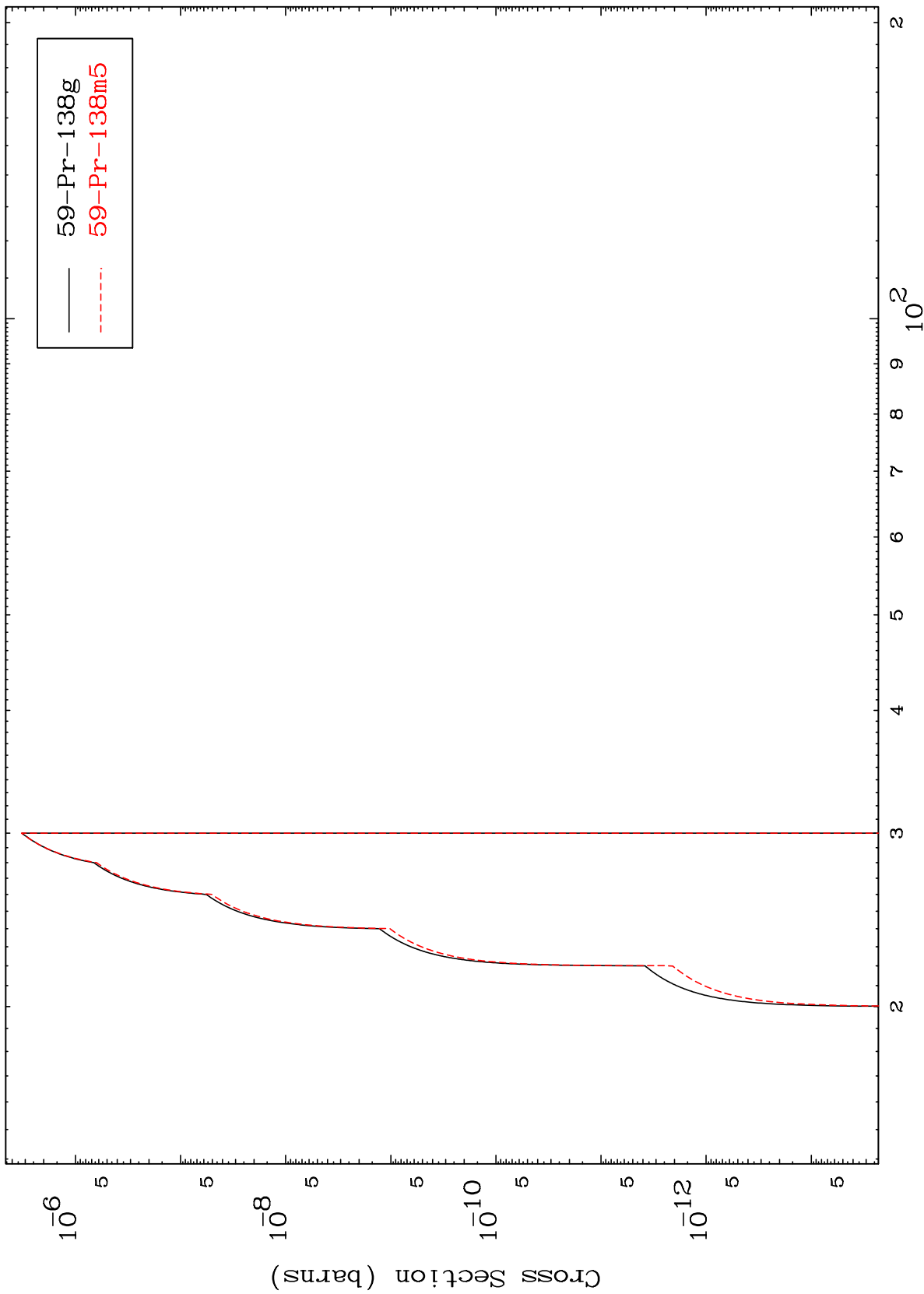
20

MAT 6019

(p,p) d

60-Nd-140

Radionuclide Production Cross Section

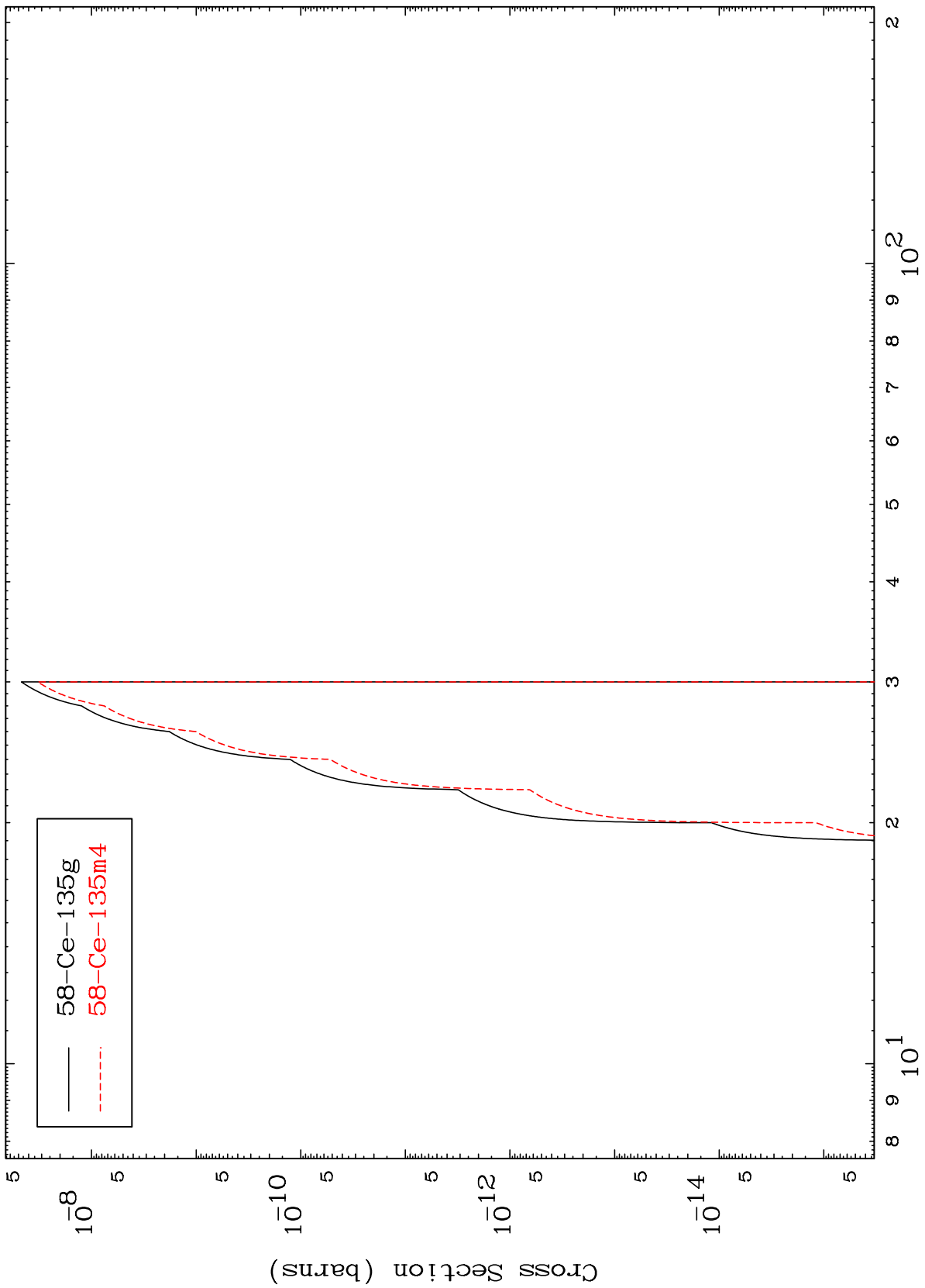


MAT 6019

(p,d) α

60-Nd-140

Radionuclide Production Cross Section



22

Incident Energy (MeV)

60-Nd-140