

Program EVALPLOT
(Version 2018-1)

by

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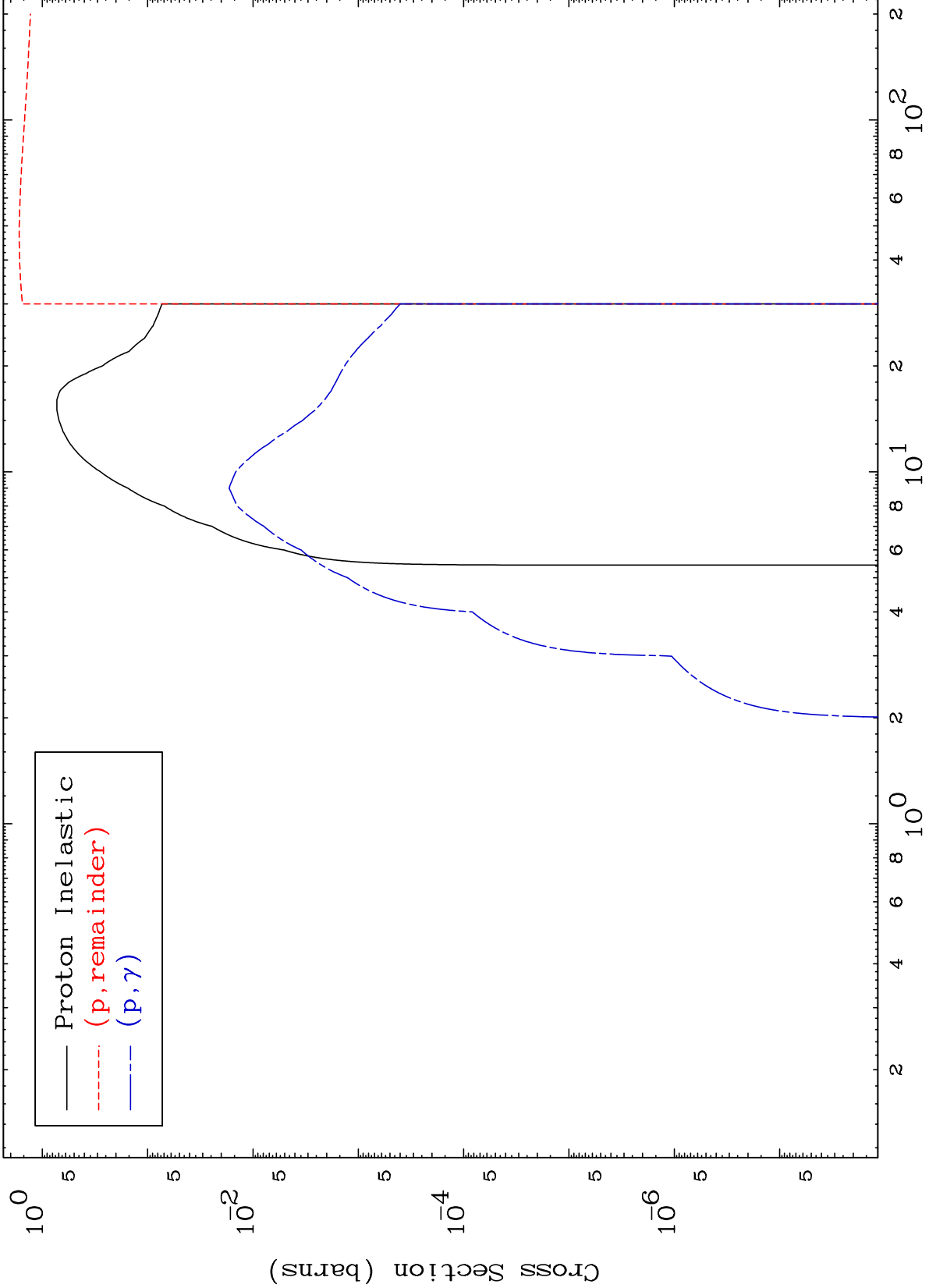
Press Mouse Button to Start

MAT 6410

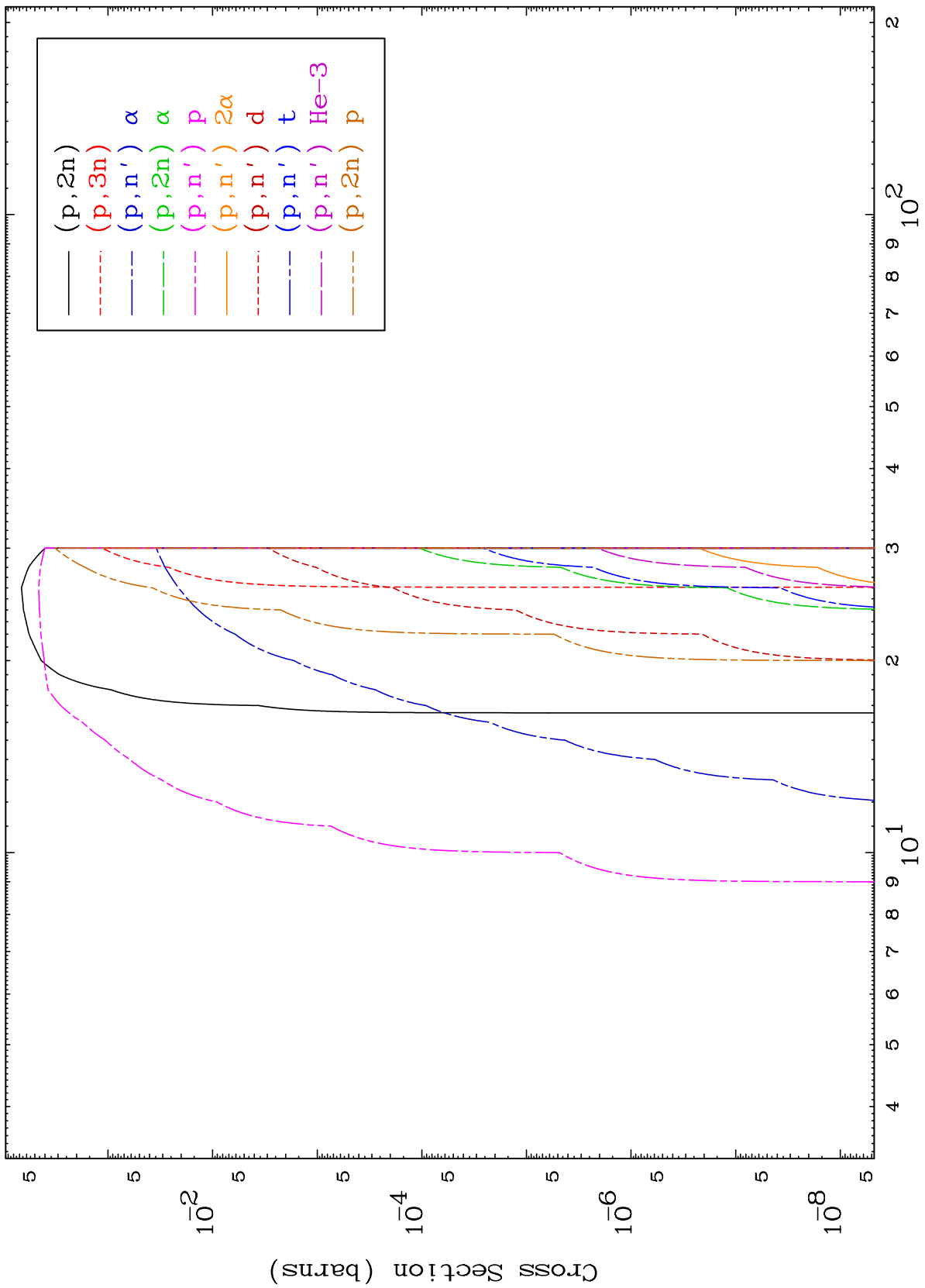
Proton Major

64-Gd-147

0 Kelvin Cross Sections



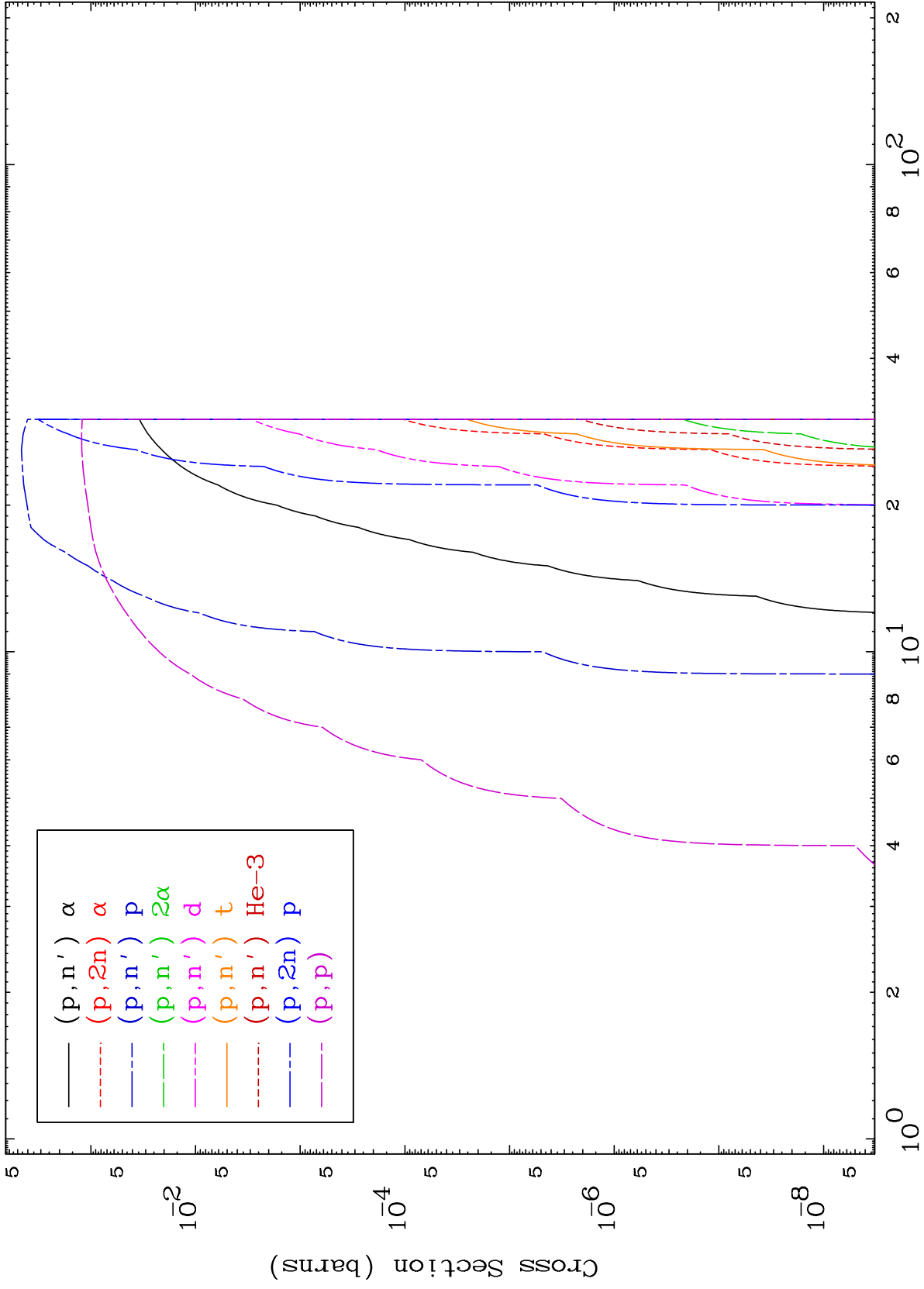
— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)



MAT 6410

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-147



Incident Energy (MeV)

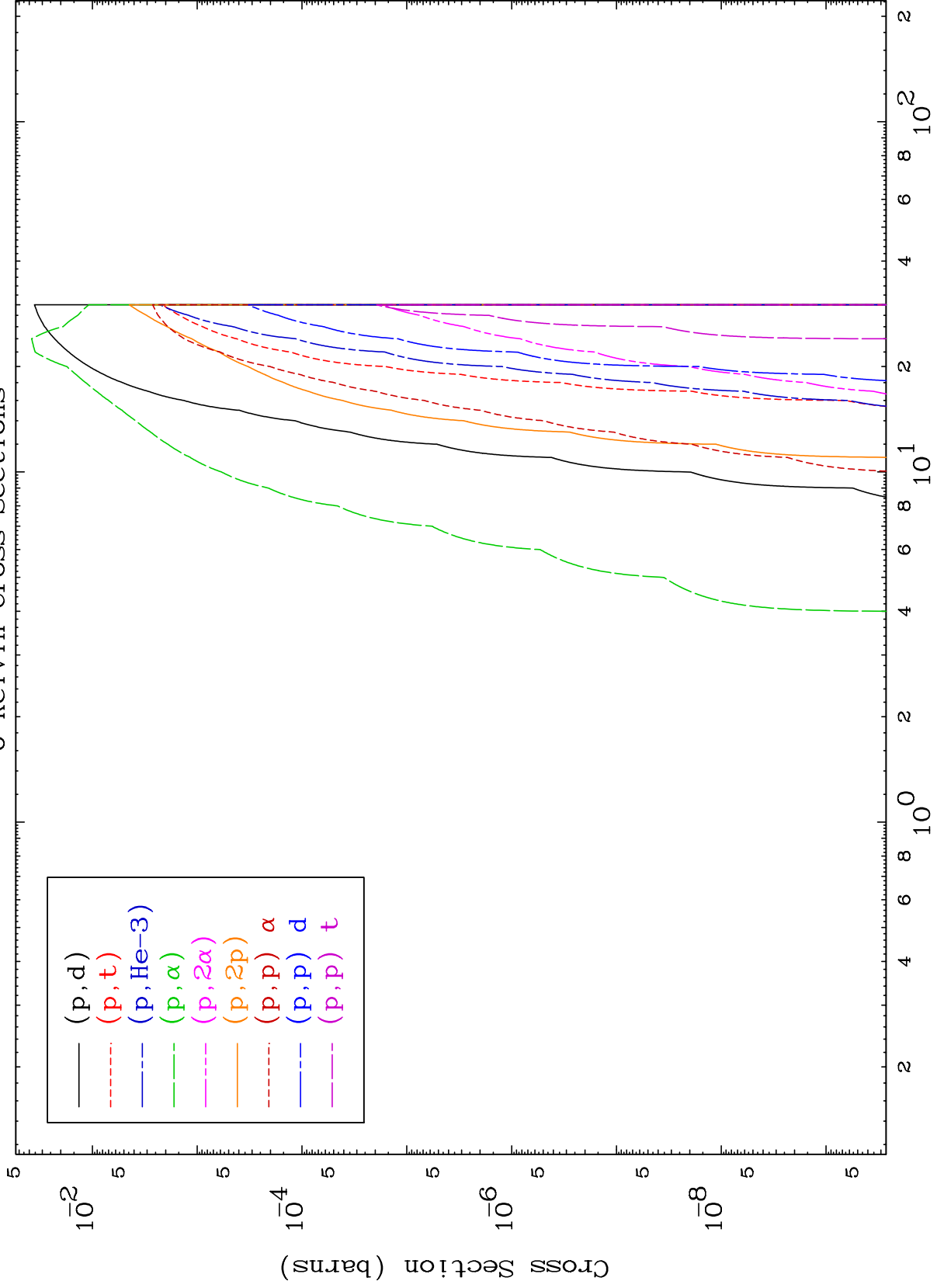
64-Gd-147

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MAT 6410

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-147

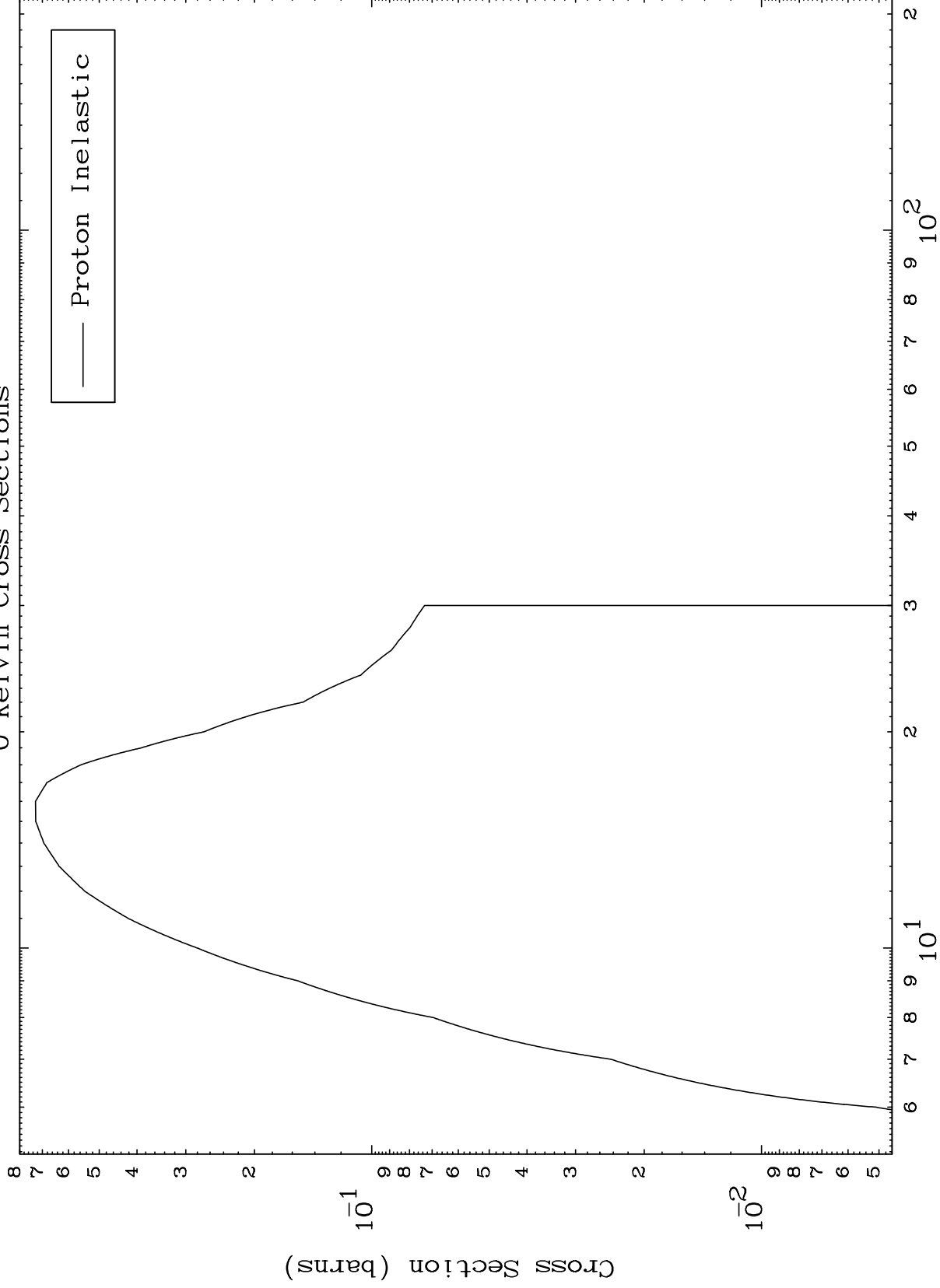


MAT 6410

(p,n') Level

64-Gd-147

0 Kelvin Cross Sections



5

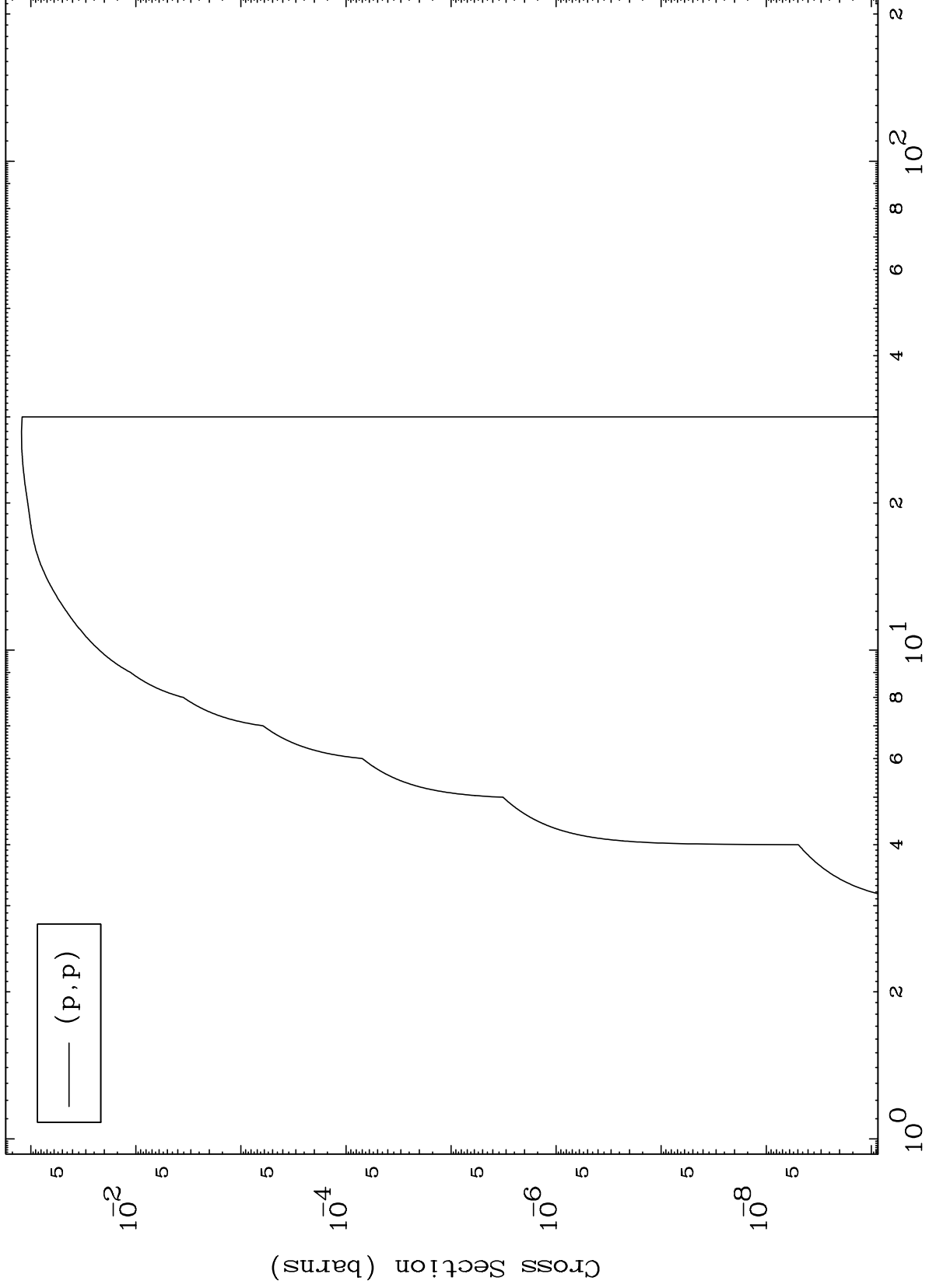
Incident Energy (MeV)

64-Gd-147

MAT 6410

(p,p) Levels
0 Kelvin Cross Sections

64-Gd-147



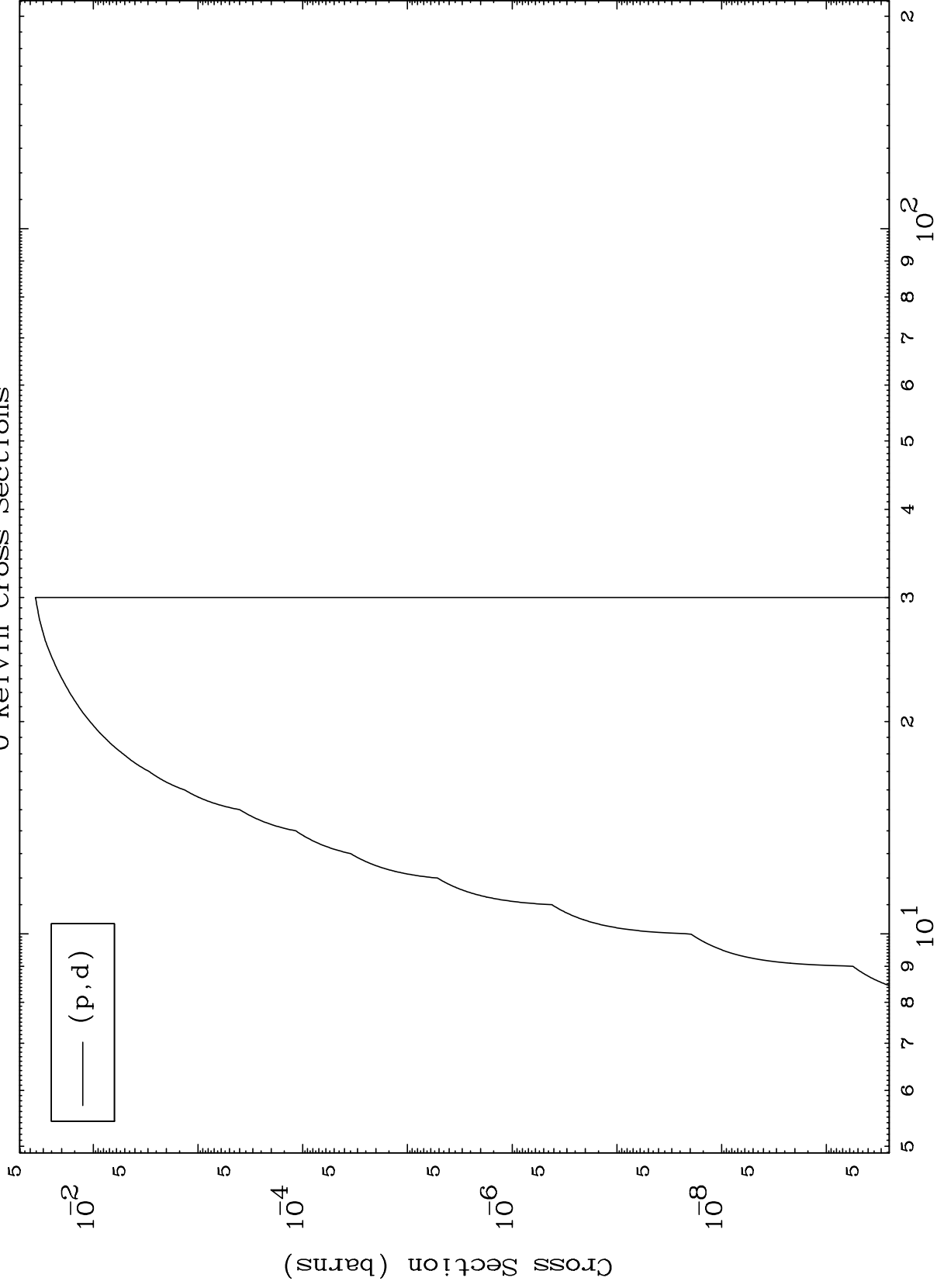
Incident Energy (MeV)

64-Gd-147

MAT 6410

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-147



7

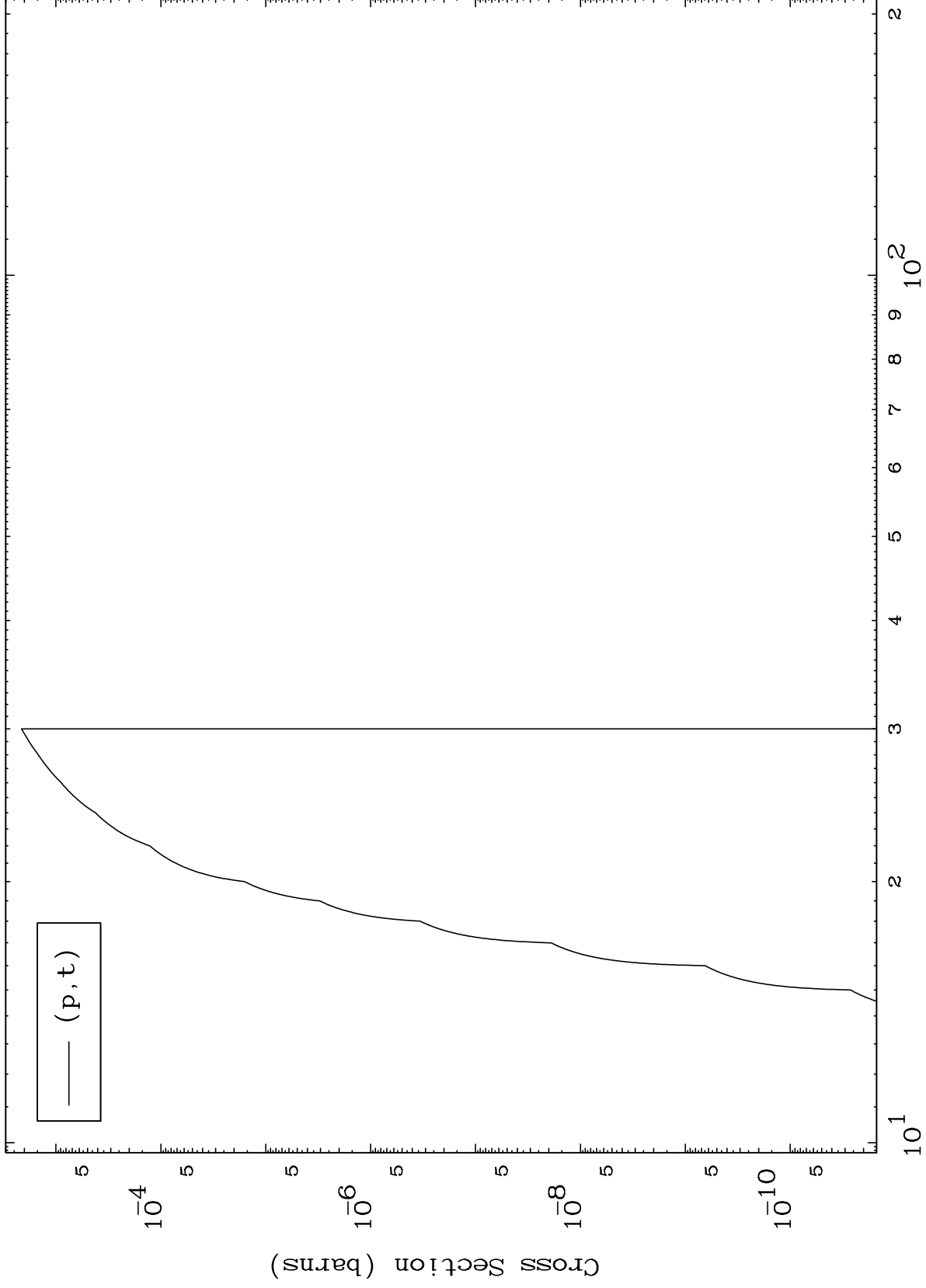
Incident Energy (MeV)

64-Gd-147

MAT 6410

(p,t) Levels
0 Kelvin Cross Sections

64-Gd-147



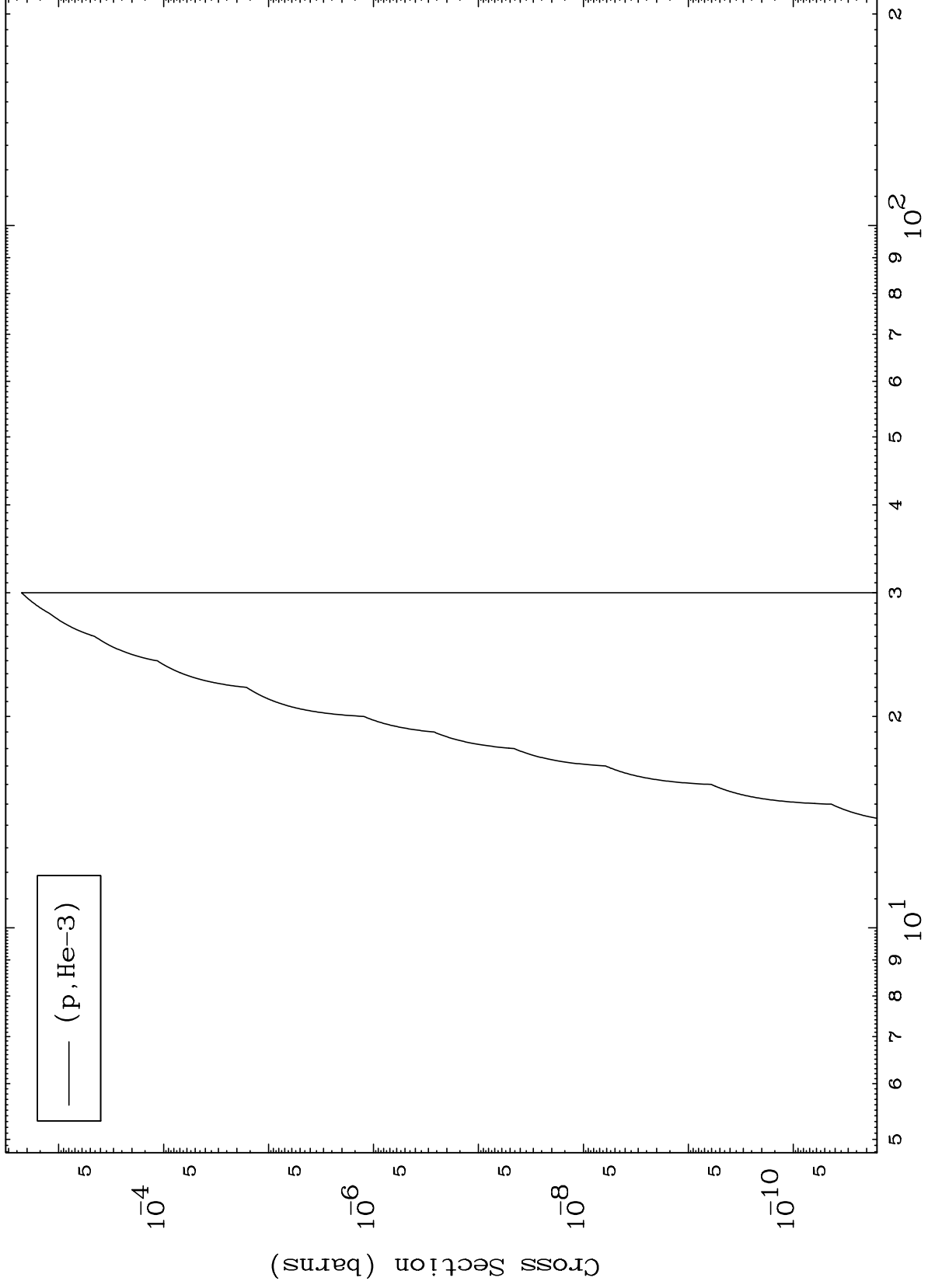
Incident Energy (MeV)

64-Gd-147

MAT 6410

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-147



9

Incident Energy (MeV)

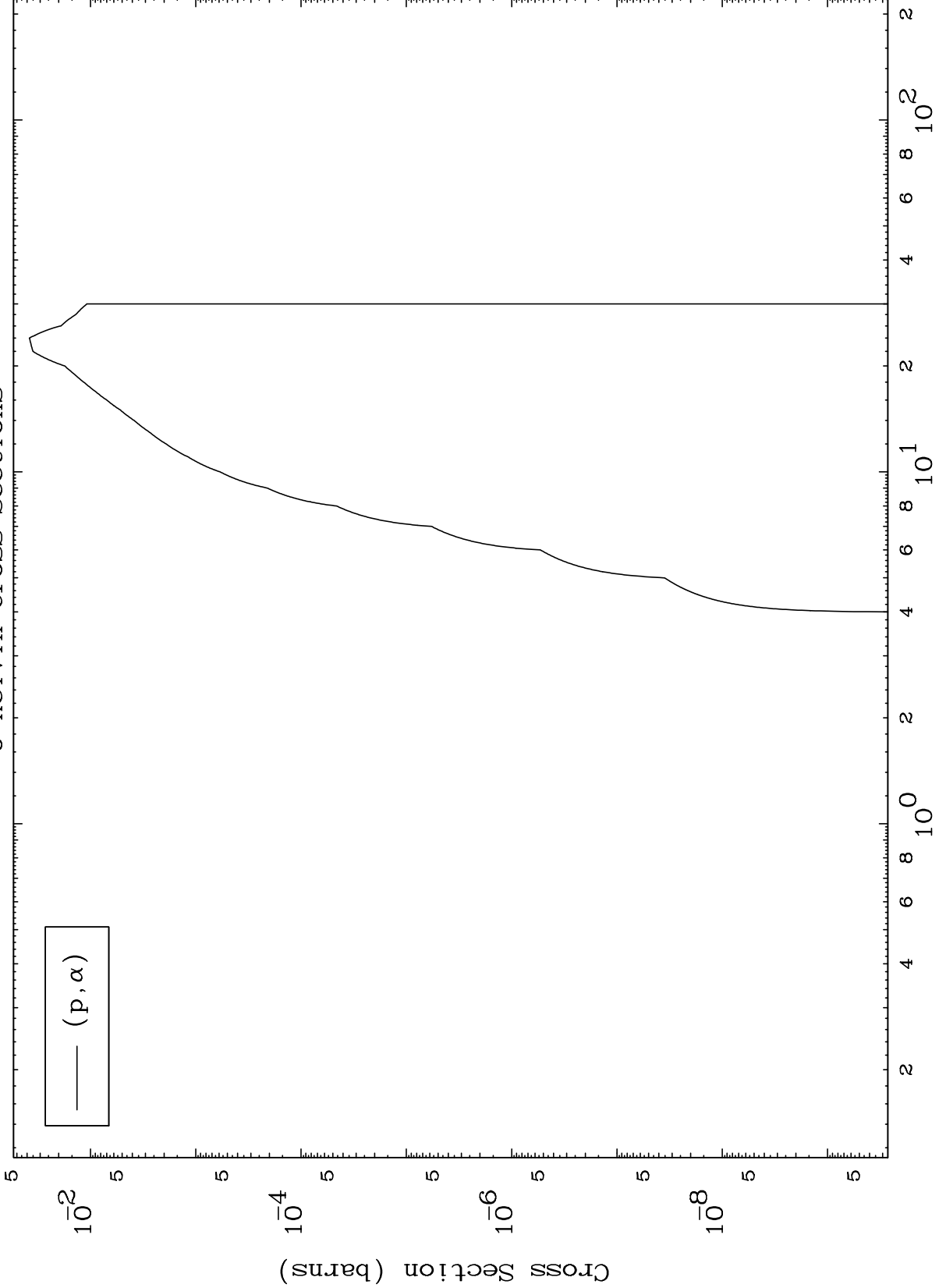
64-Gd-147

MAT 6410

(p, α) Levels

64-Gd-147

0 Kelvin Cross Sections



10

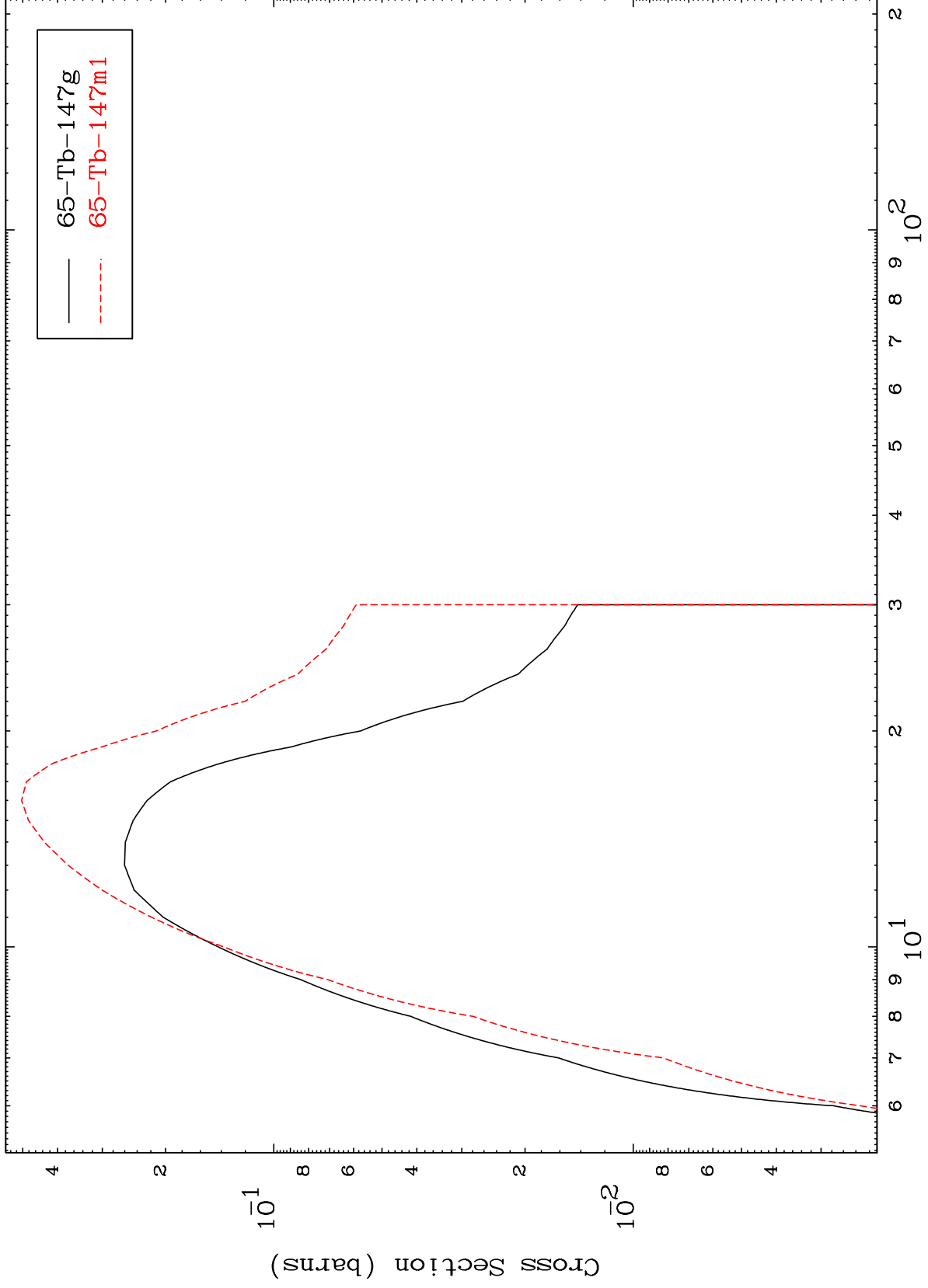
Incident Energy (MeV)

64-Gd-147

MAT 6410

Proton Inelastic
Radionuclide Production Cross Section

64-Gd-147



11

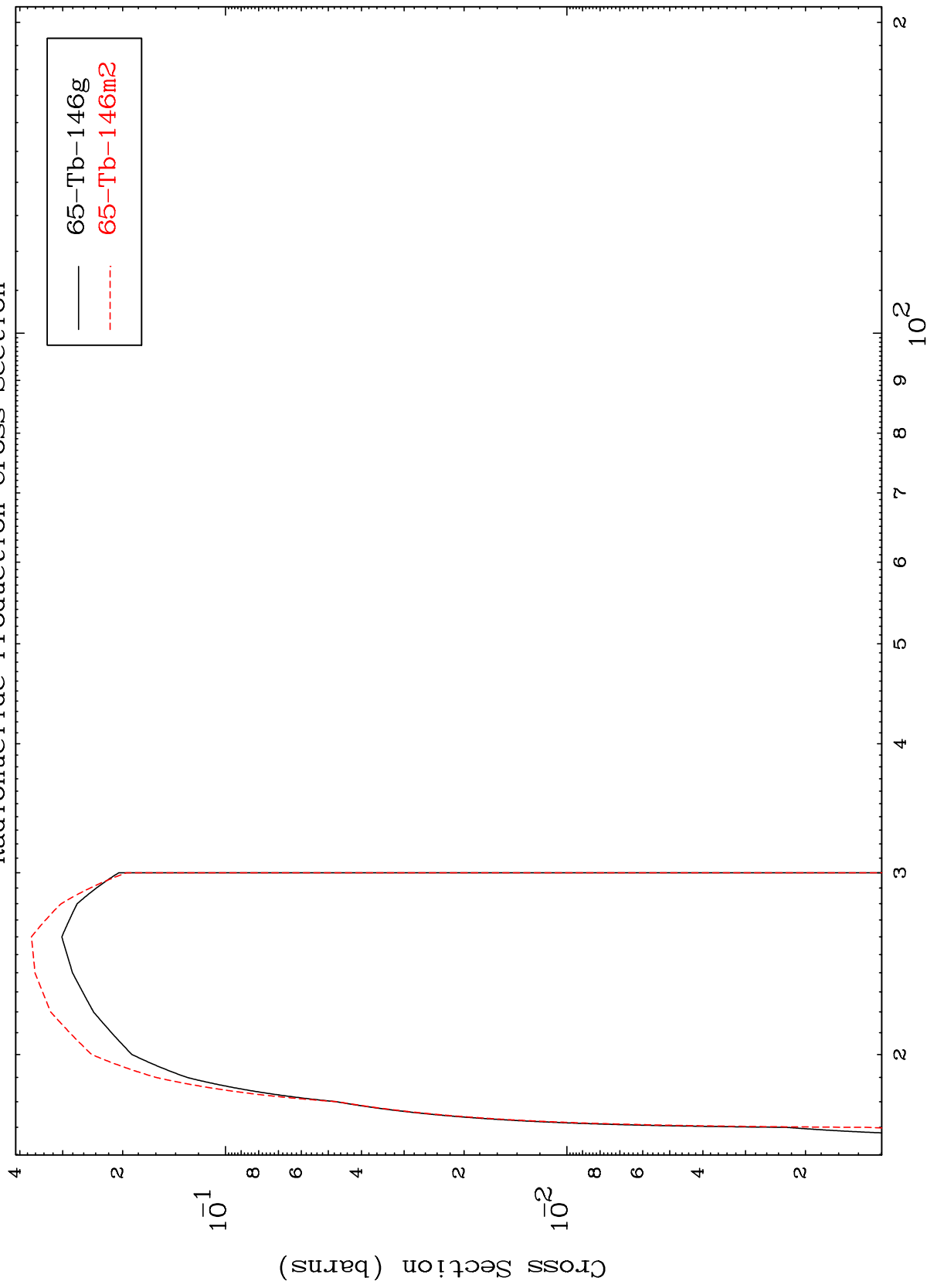
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(p,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

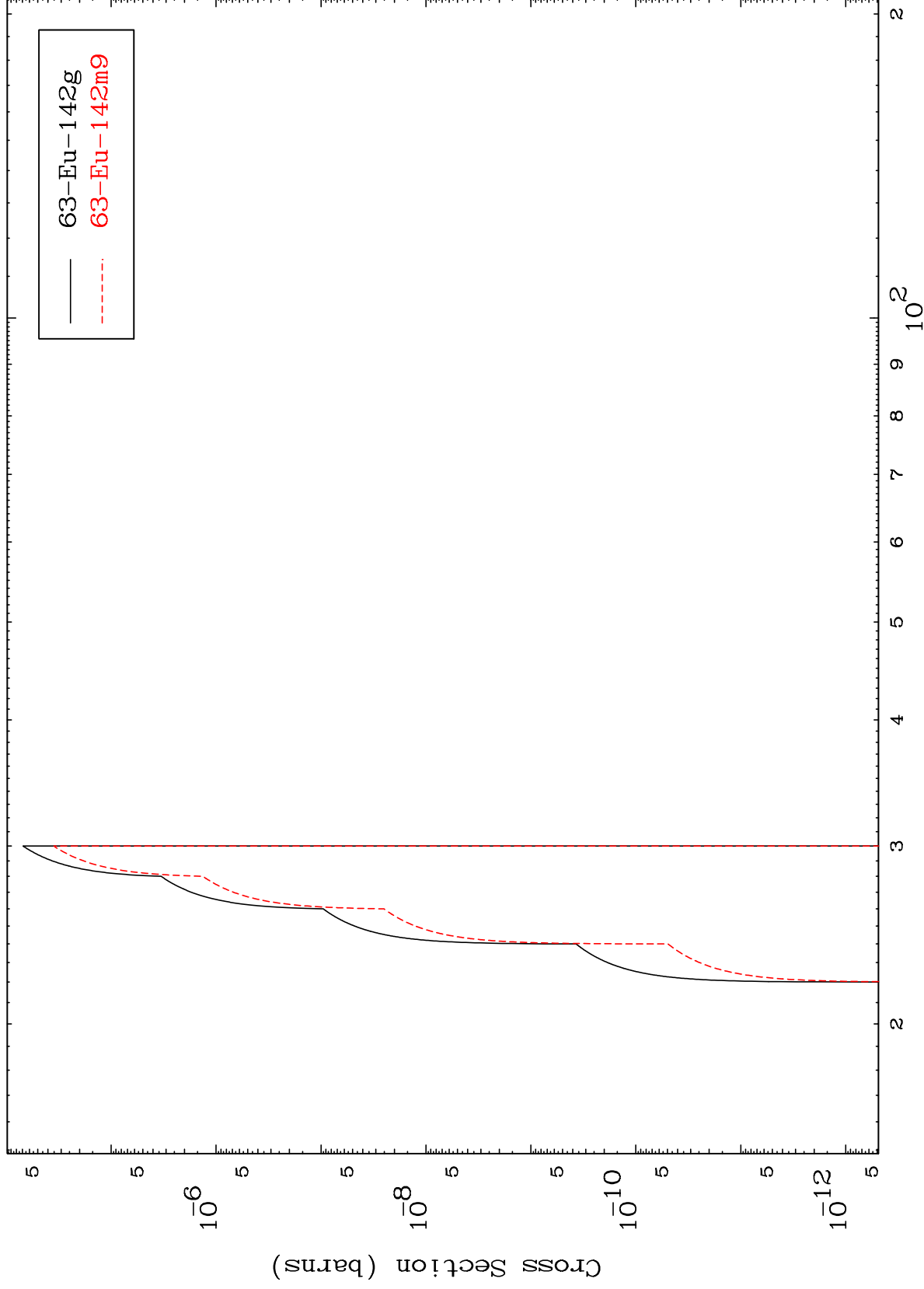
64-Gd-147

MAT 6410

(p,2n) α

64-Gd-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

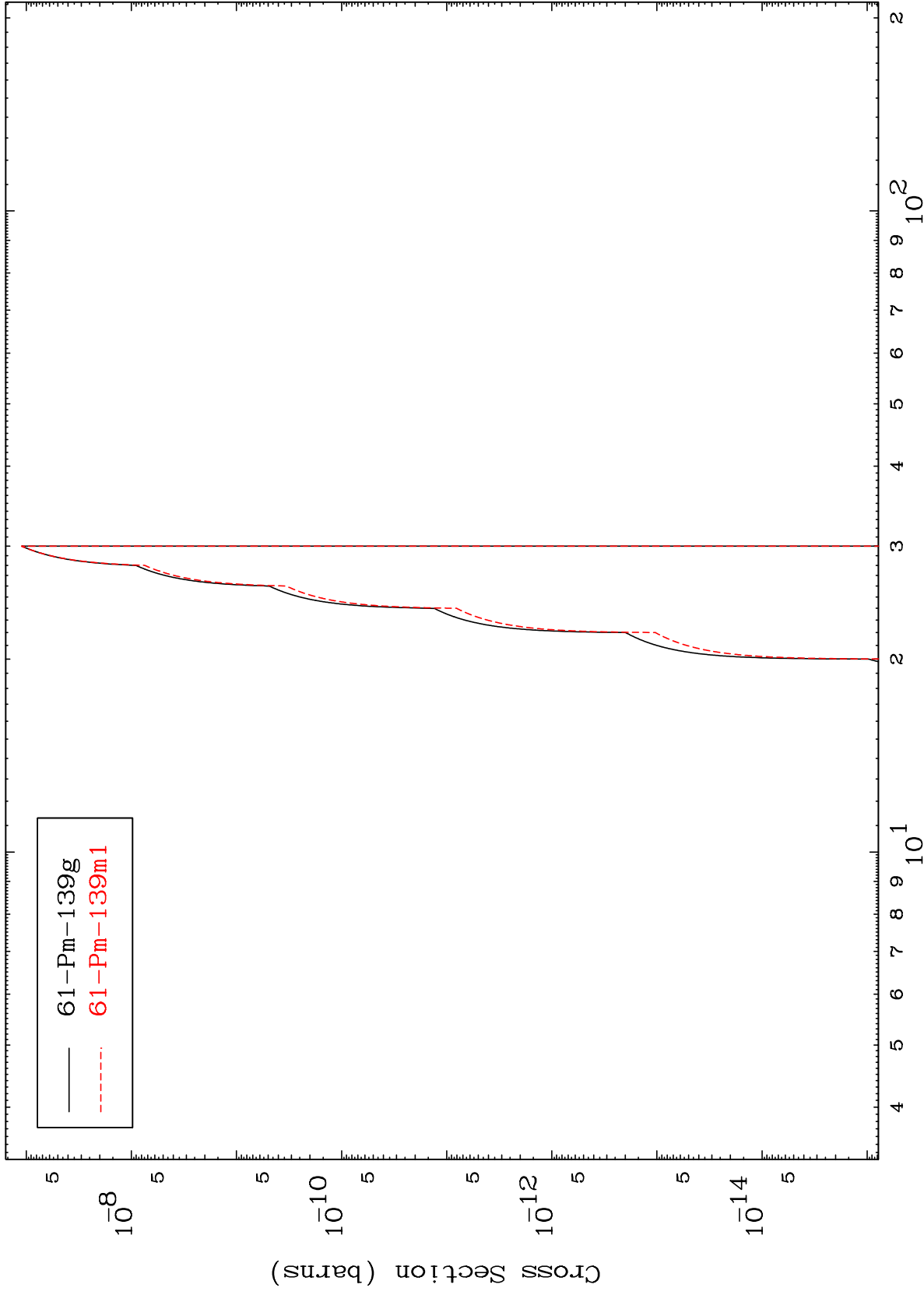
64-Gd-147

MAT 6410

(p,n') 2α

64-Gd-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

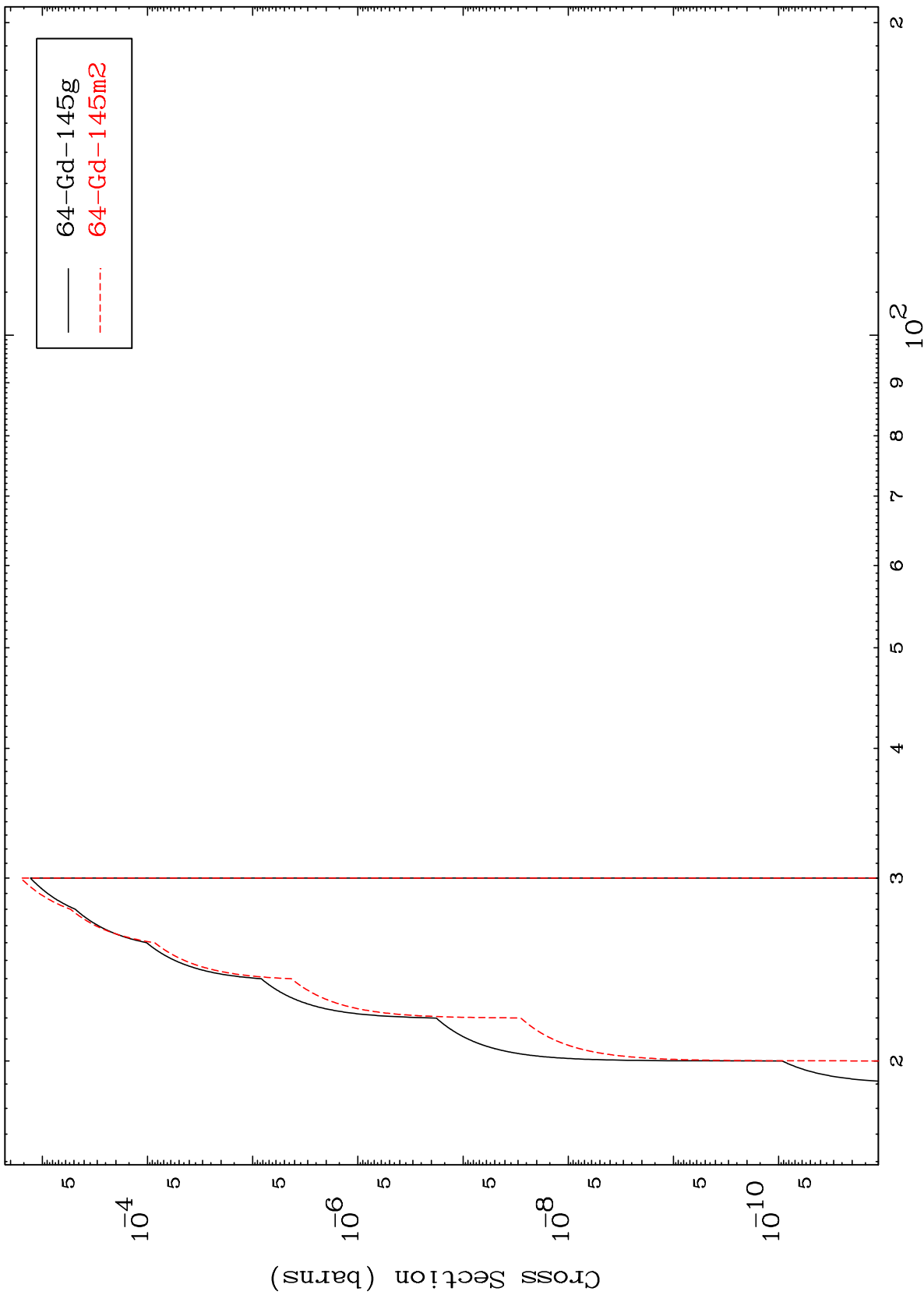
64-Gd-147

MAT 6410

(p,n') d

64-Gd-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

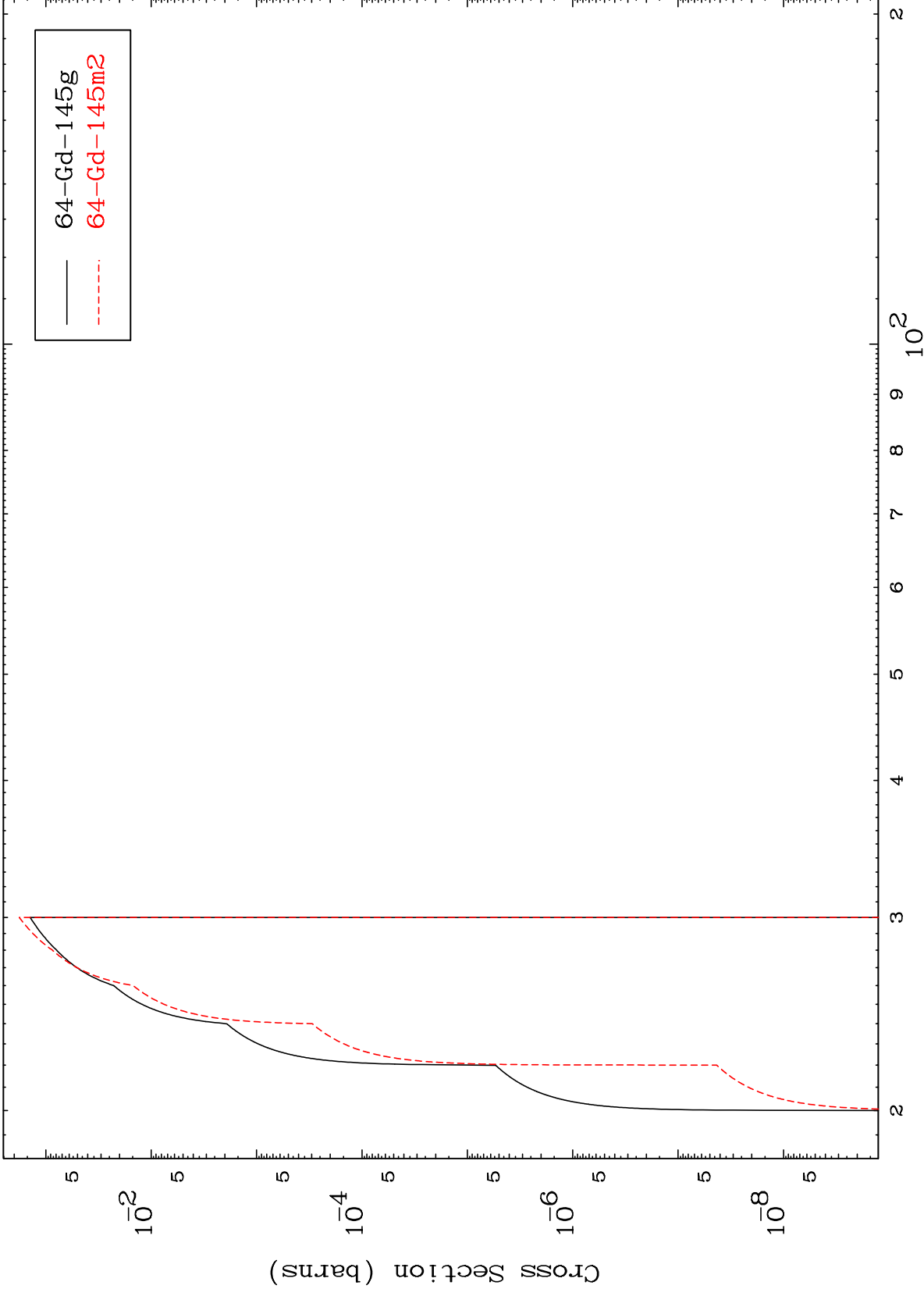
64-Gd-147

MAT 6410

(p,2n) p

64-Gd-147

Radionuclide Production Cross Section



16

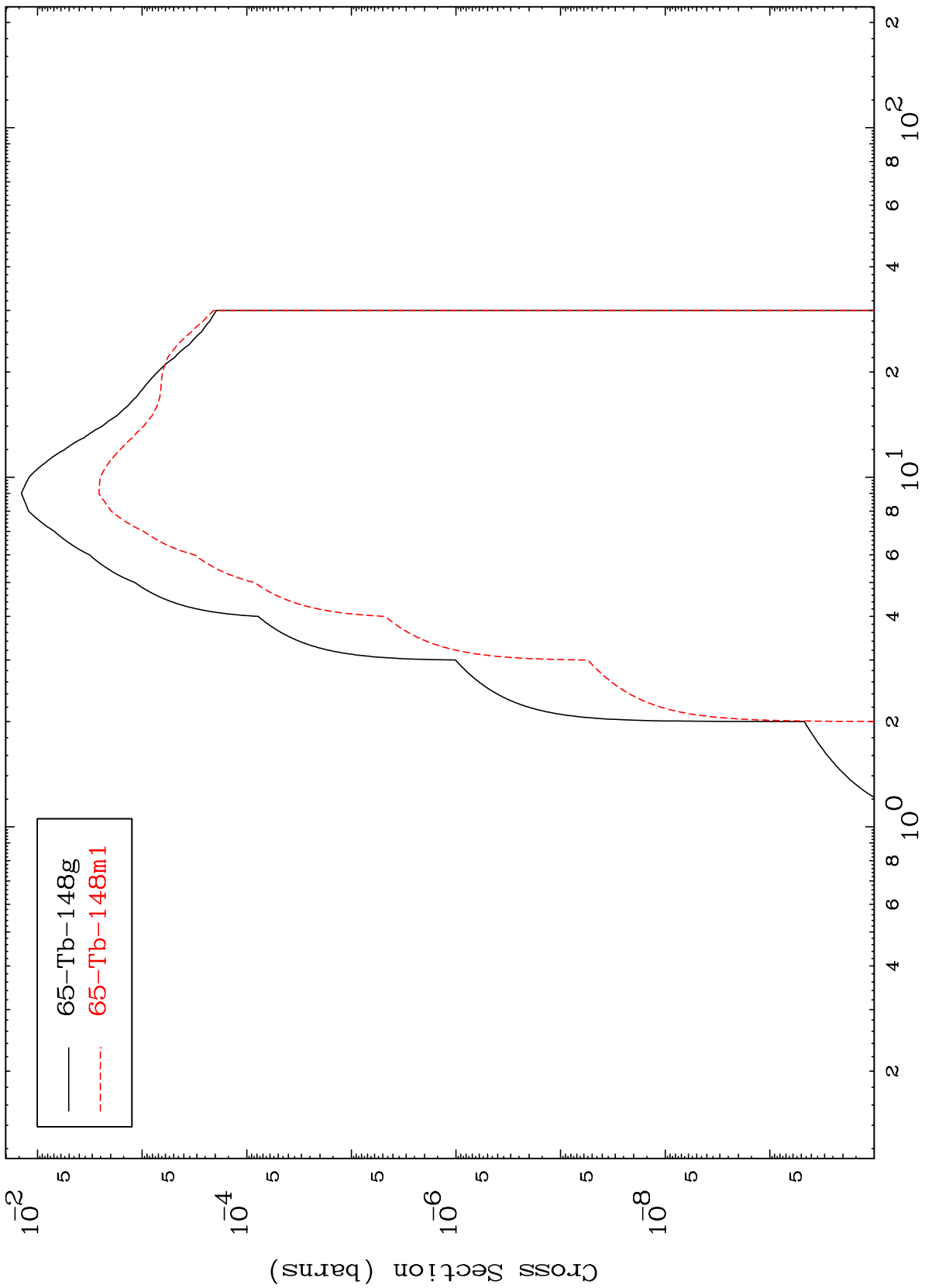
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(p, γ)
Radionuclide Production Cross Section

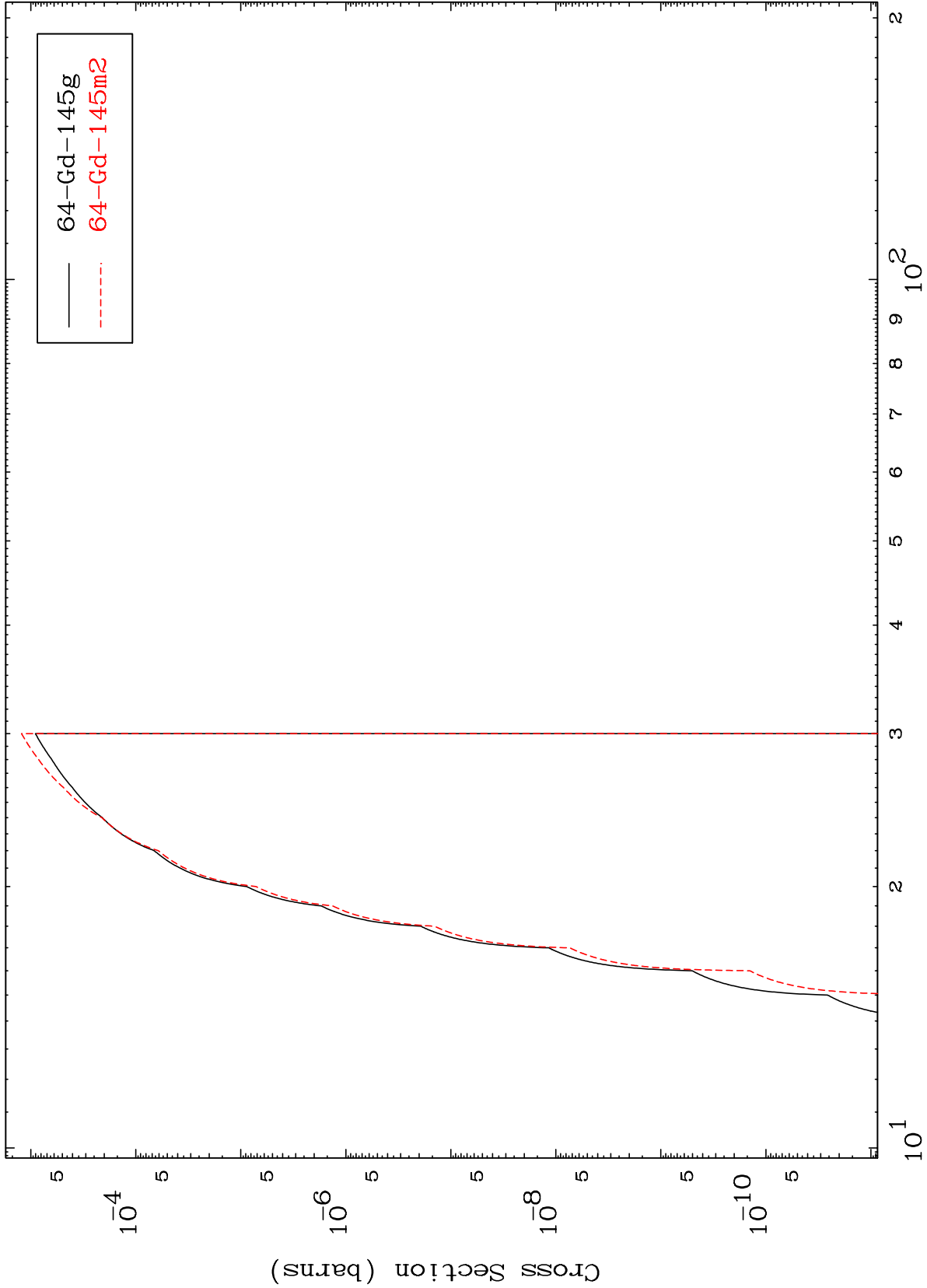


— 65-Tb-148g
- - - 65-Tb-148m1

MAT 6410

64-Gd-147

(p, t)
Radionuclide Production Cross Section



64-Gd-147

Incident Energy (MeV)

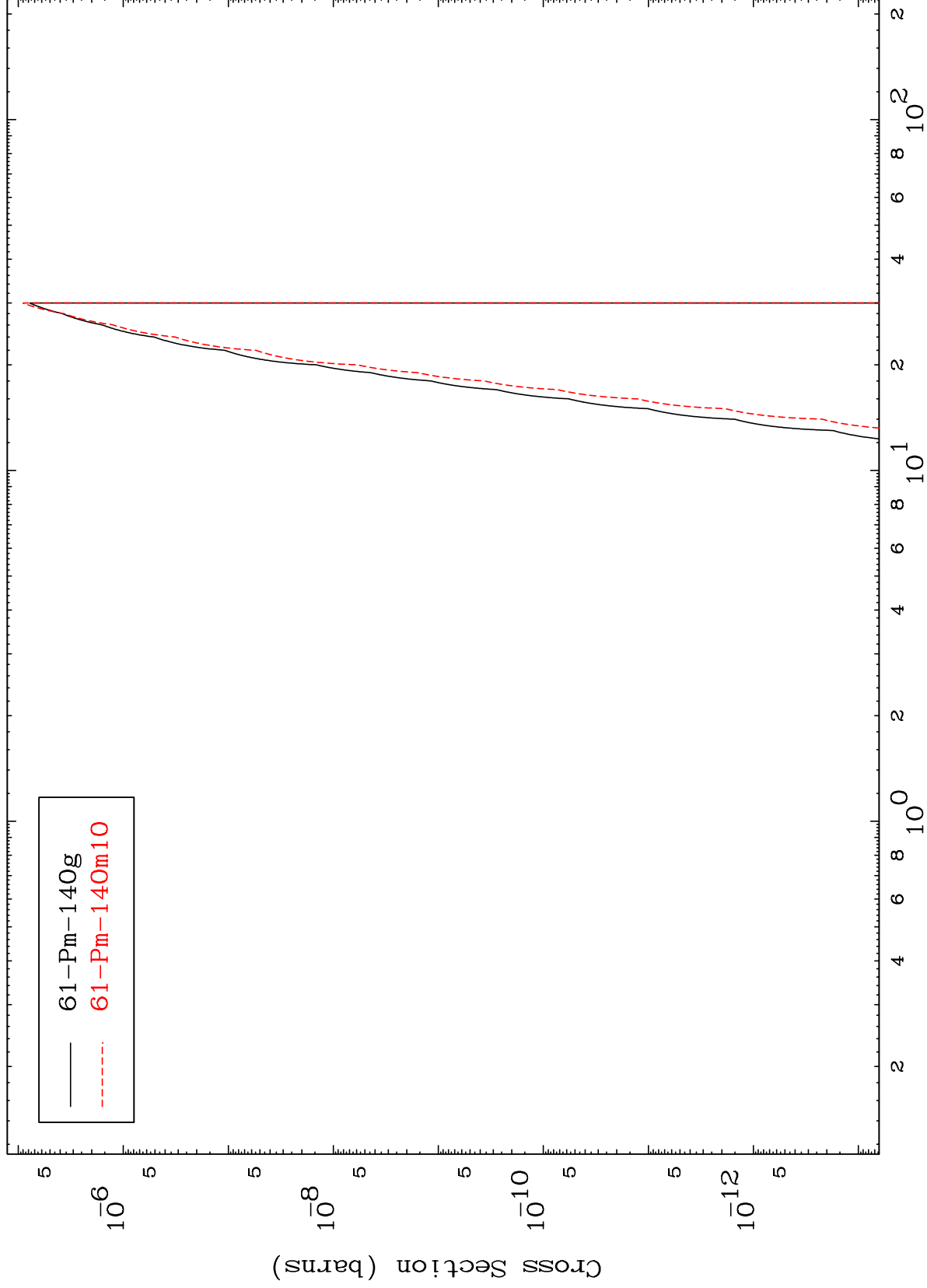
18

MAT 6410

(p,2 α)

64-Gd-147

Radionuclide Production Cross Section



19

Incident Energy (MeV)

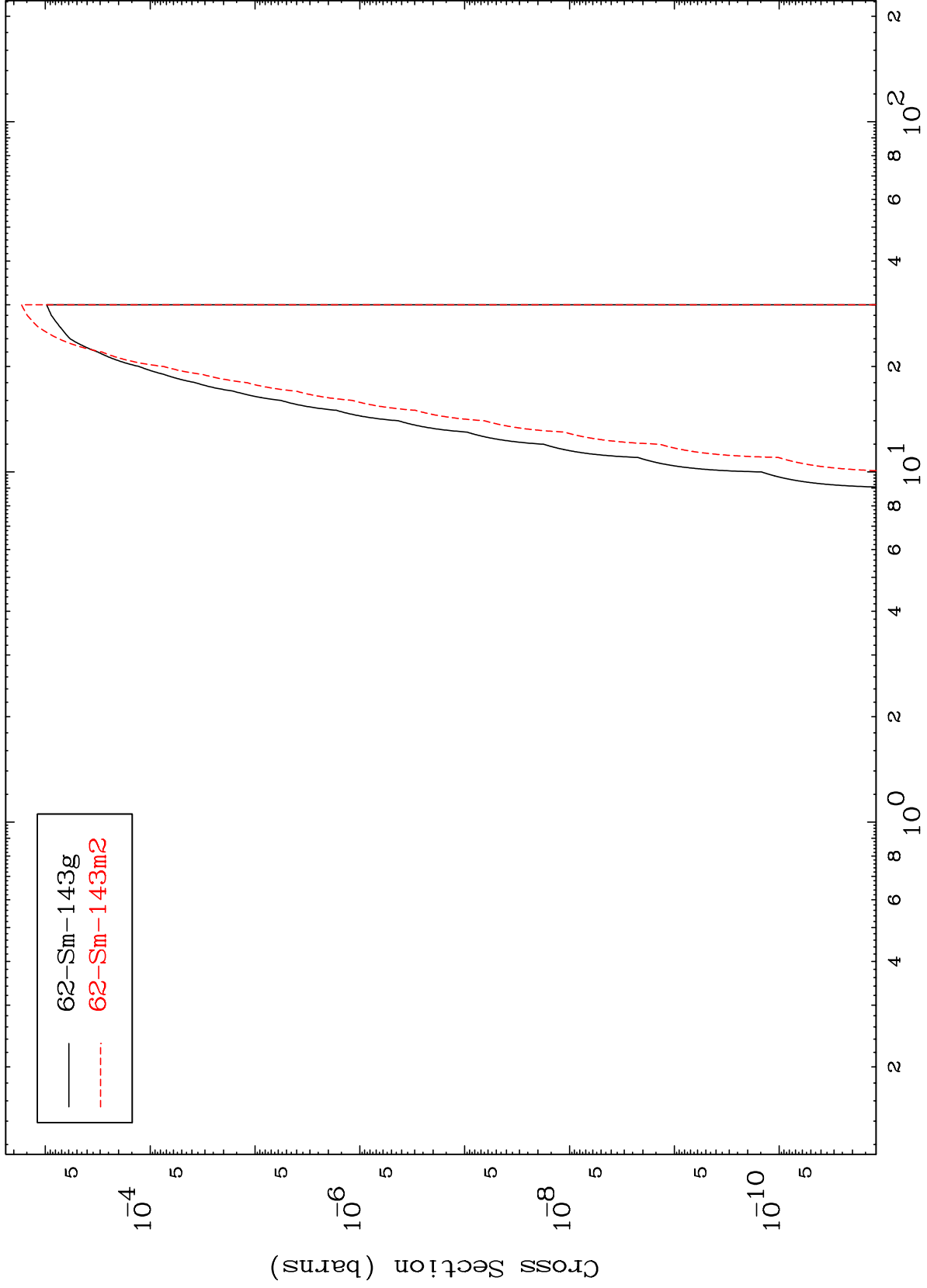
64-Gd-147

MAT 6410

(p,p) α

64-Gd-147

Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2

20

Incident Energy (MeV)

64-Gd-147