

Program EVALPLOT
(Version 2018-1)

by

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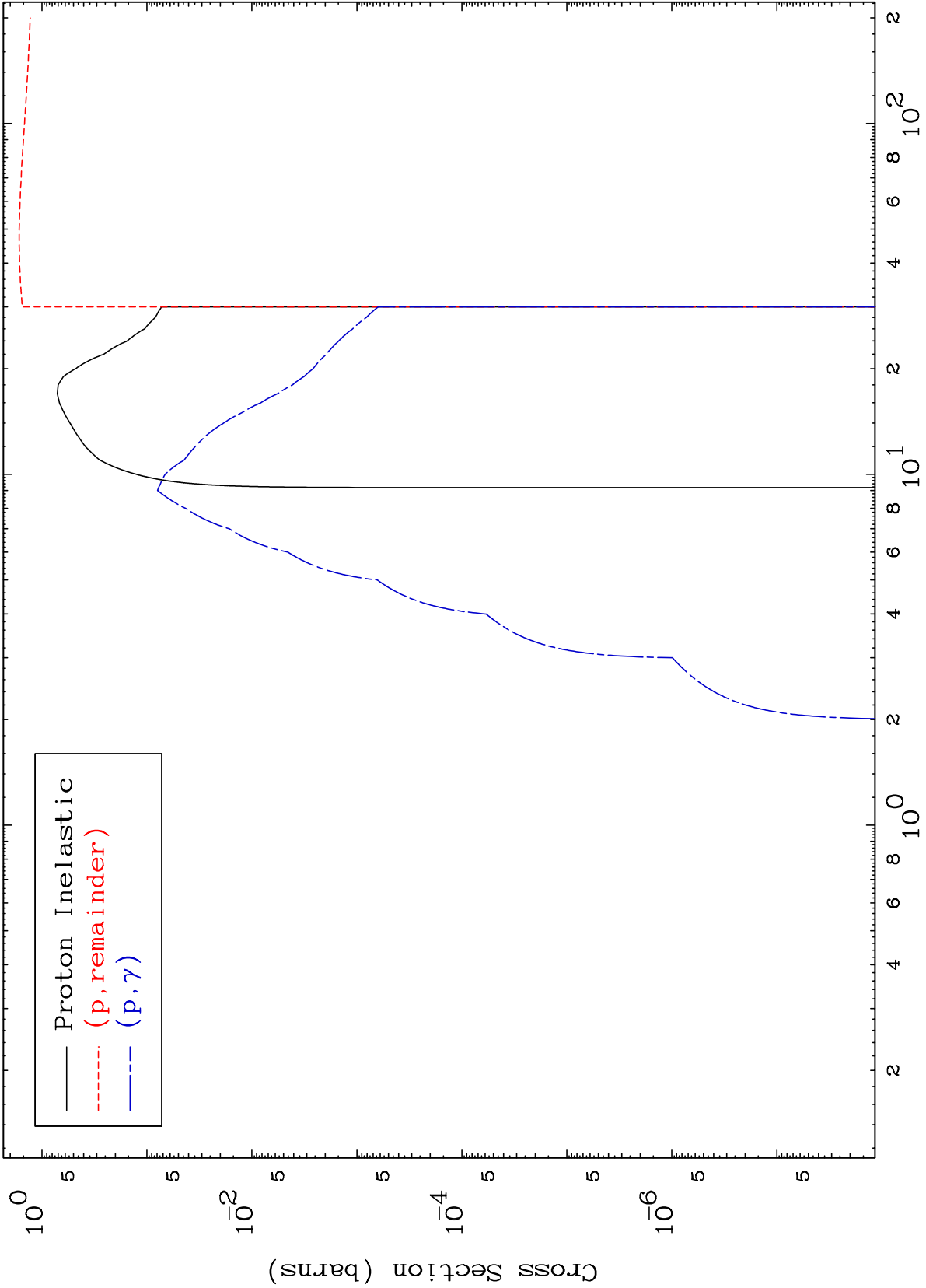
Press Mouse Button to Start

MAT 6407

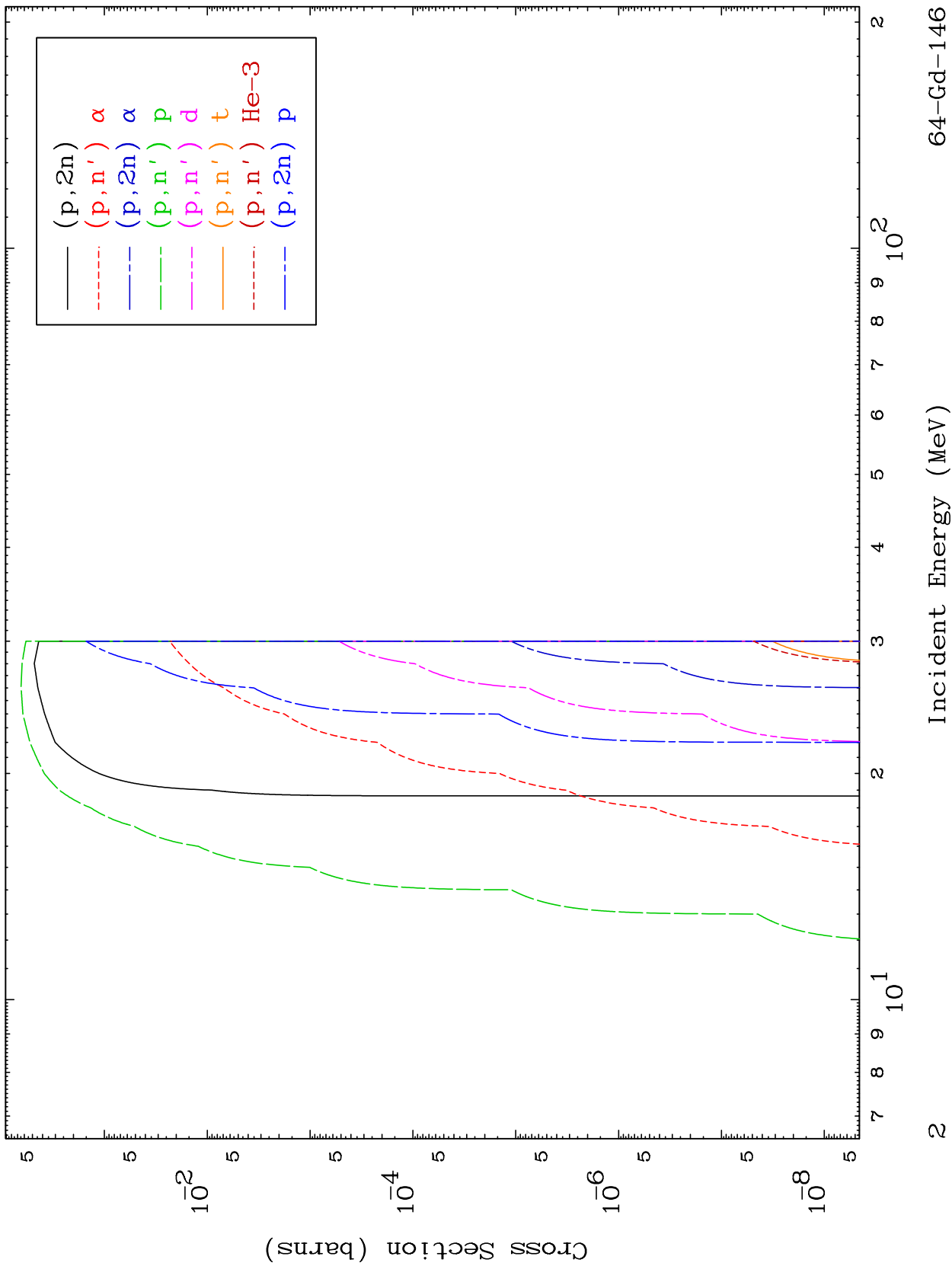
Proton Major

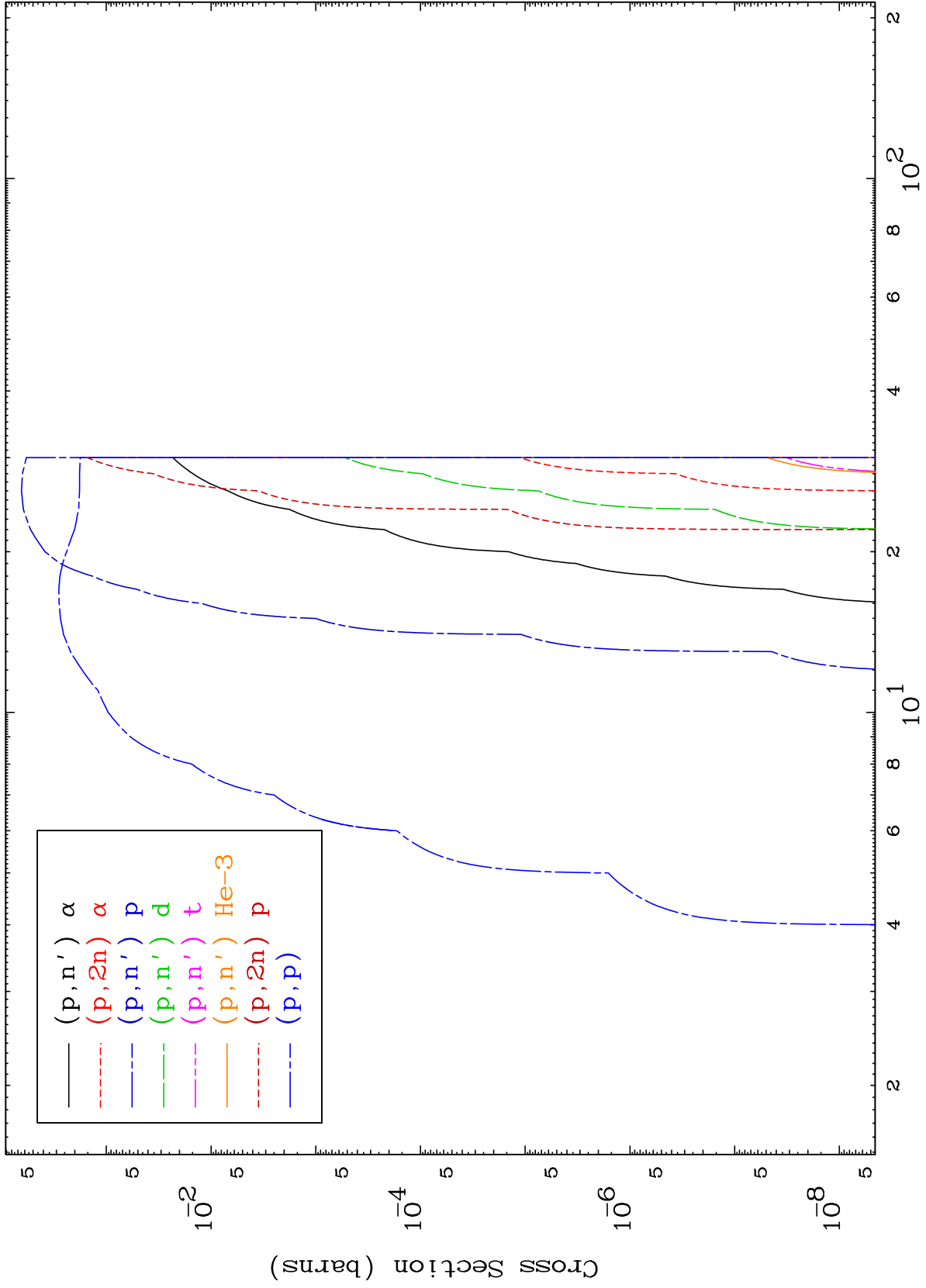
64-Gd-146

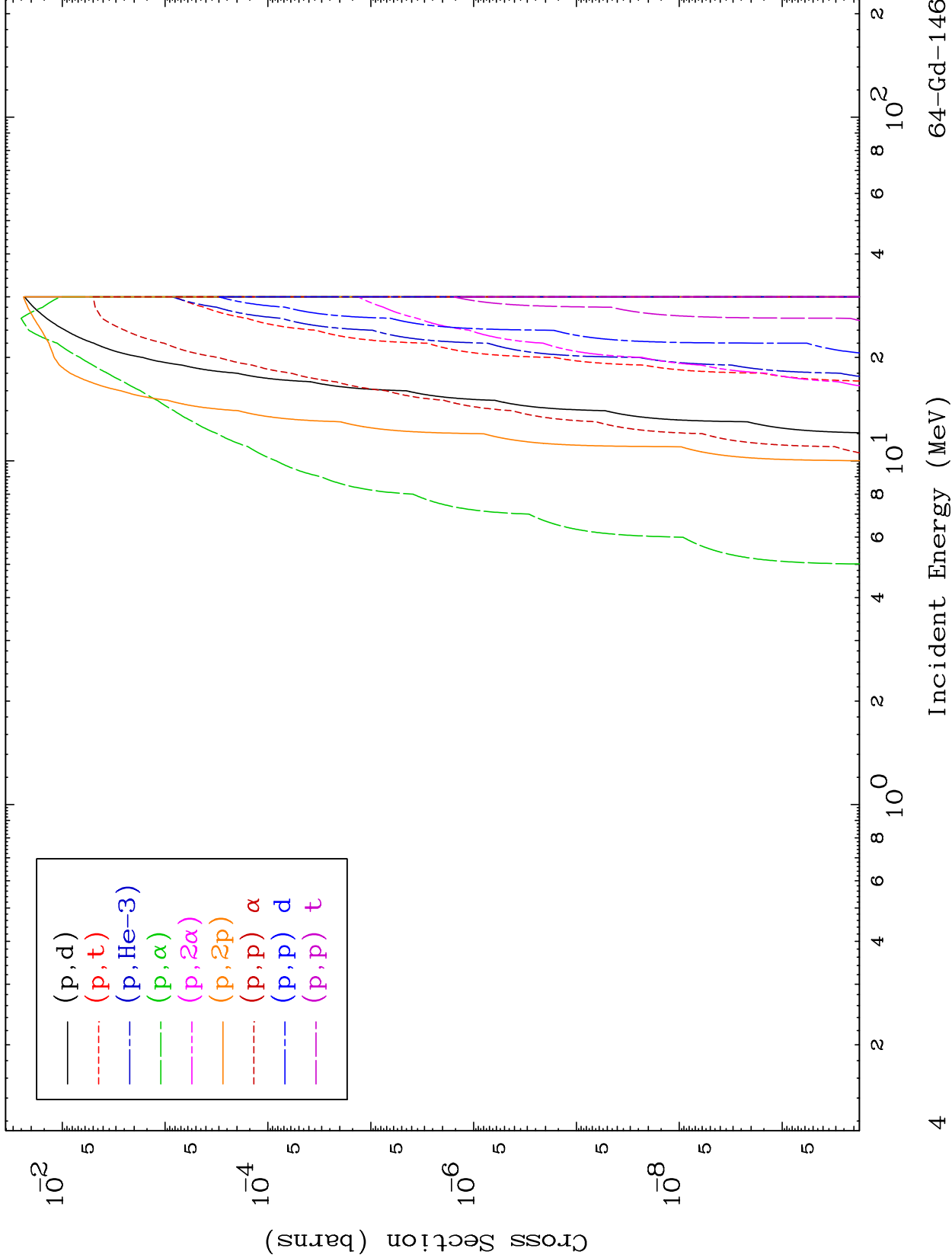
0 Kelvin Cross Sections



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





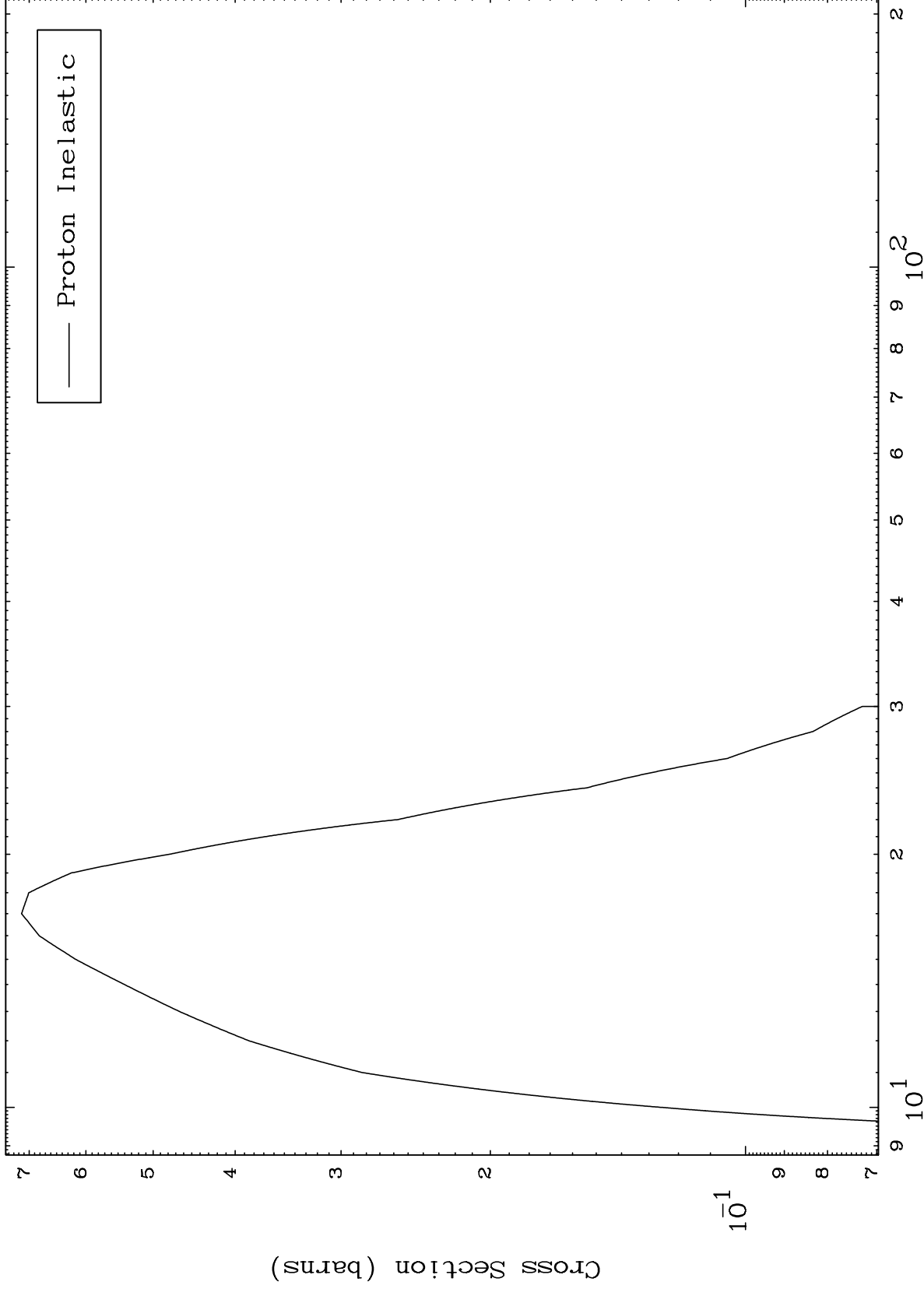


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(p,n') Level

64-Gd-146

0 Kelvin Cross Sections



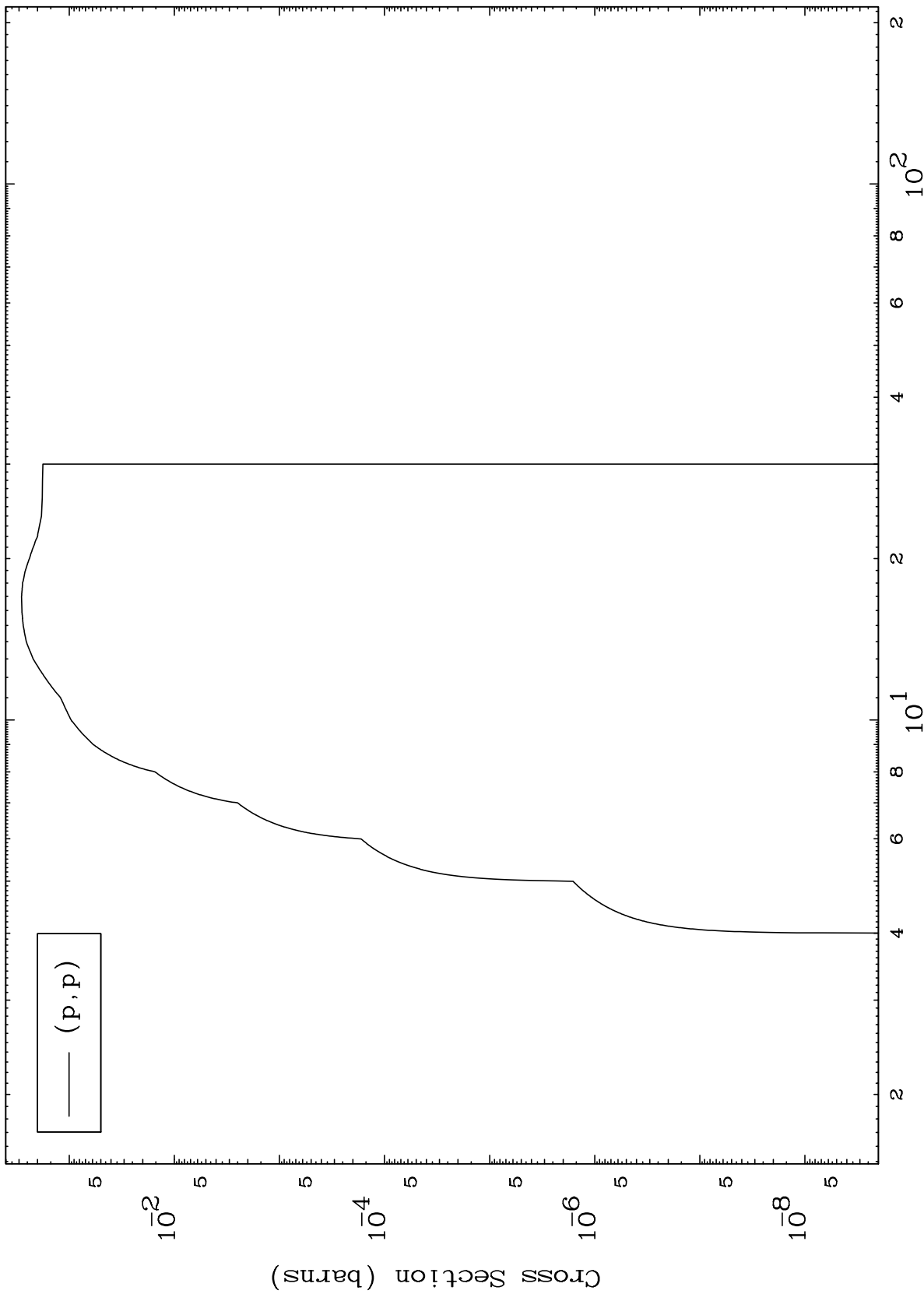
Incident Energy (MeV)

64-Gd-146

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64-Gd-146

(p,p) Levels
0 Kelvin Cross Sections



64-Gd-146

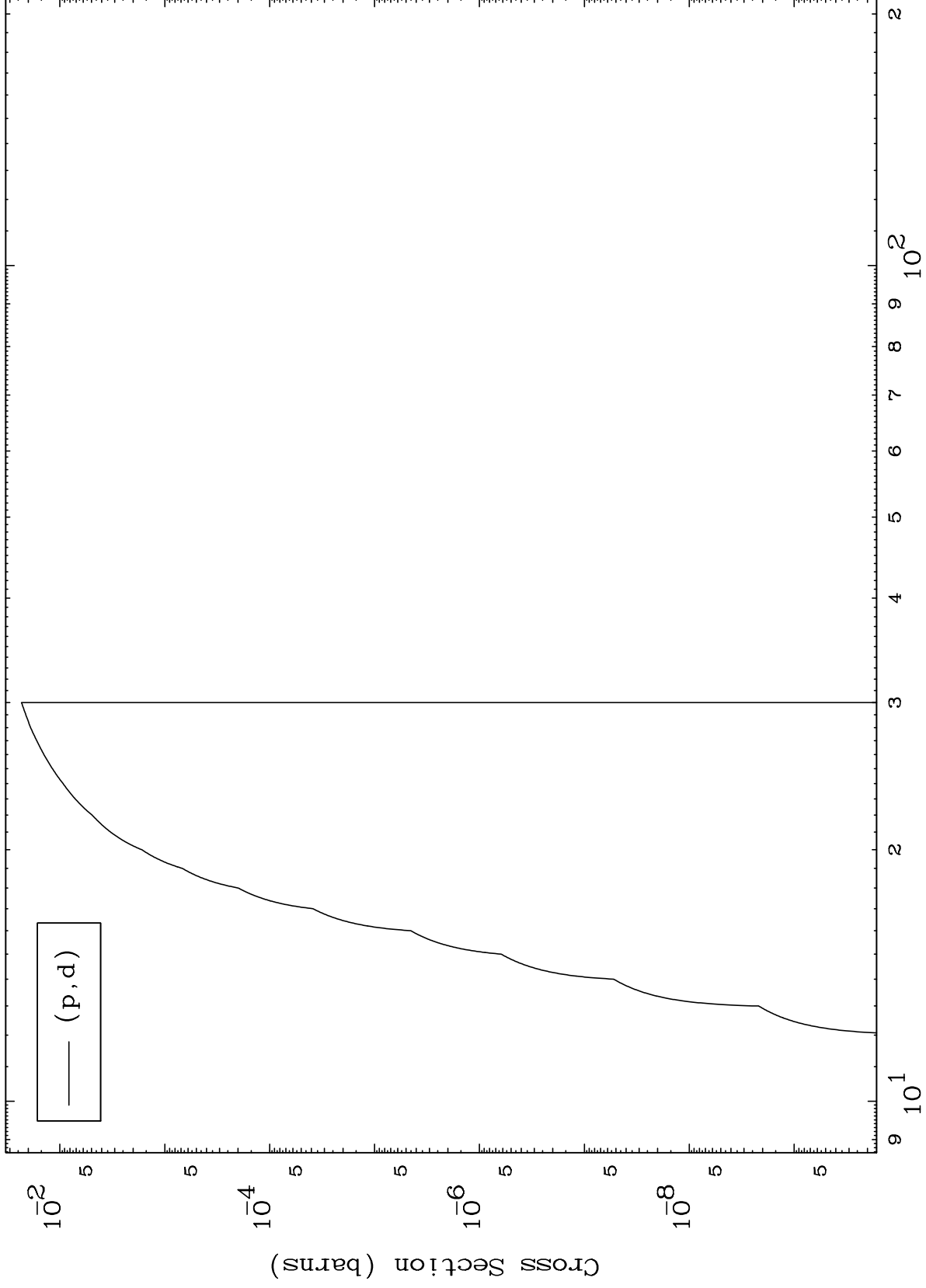
Incident Energy (MeV)

6

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(p,d) Levels
0 Kelvin Cross Sections

64-Gd-146



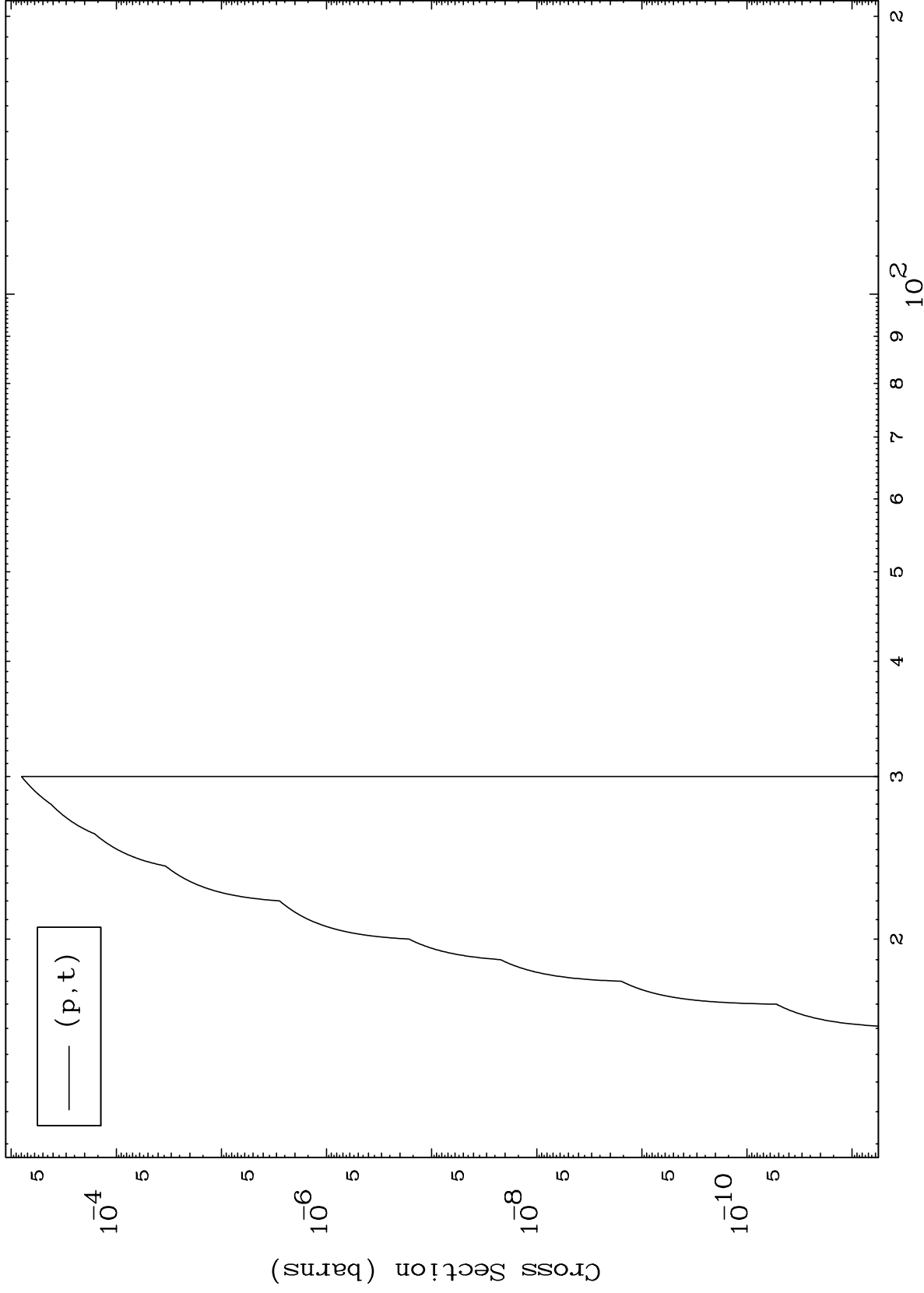
Incident Energy (MeV)

64-Gd-146

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(p,t) Levels
0 Kelvin Cross Sections

64-Gd-146



8

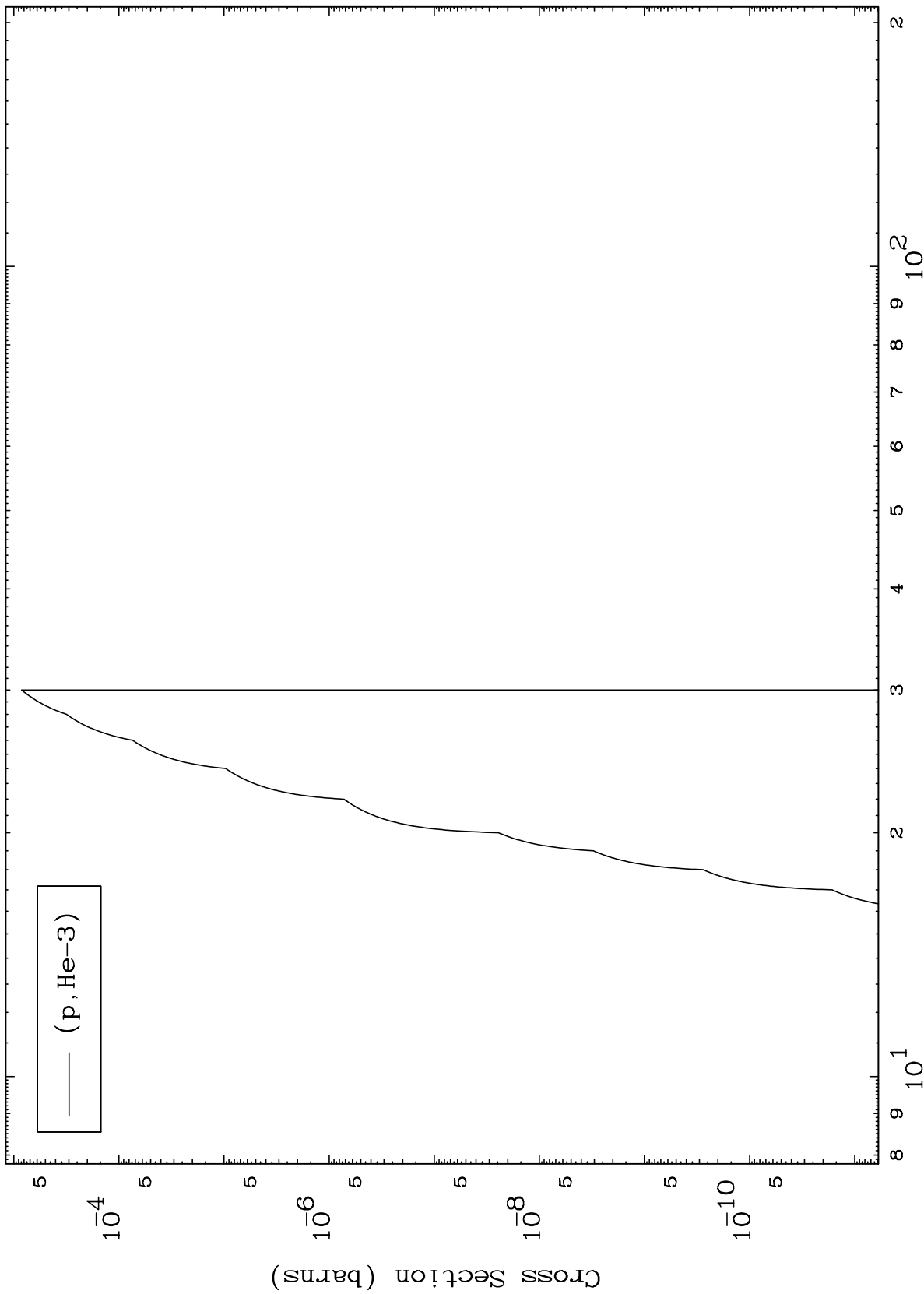
Incident Energy (MeV)

64-Gd-146

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64-Gd-146

(p,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

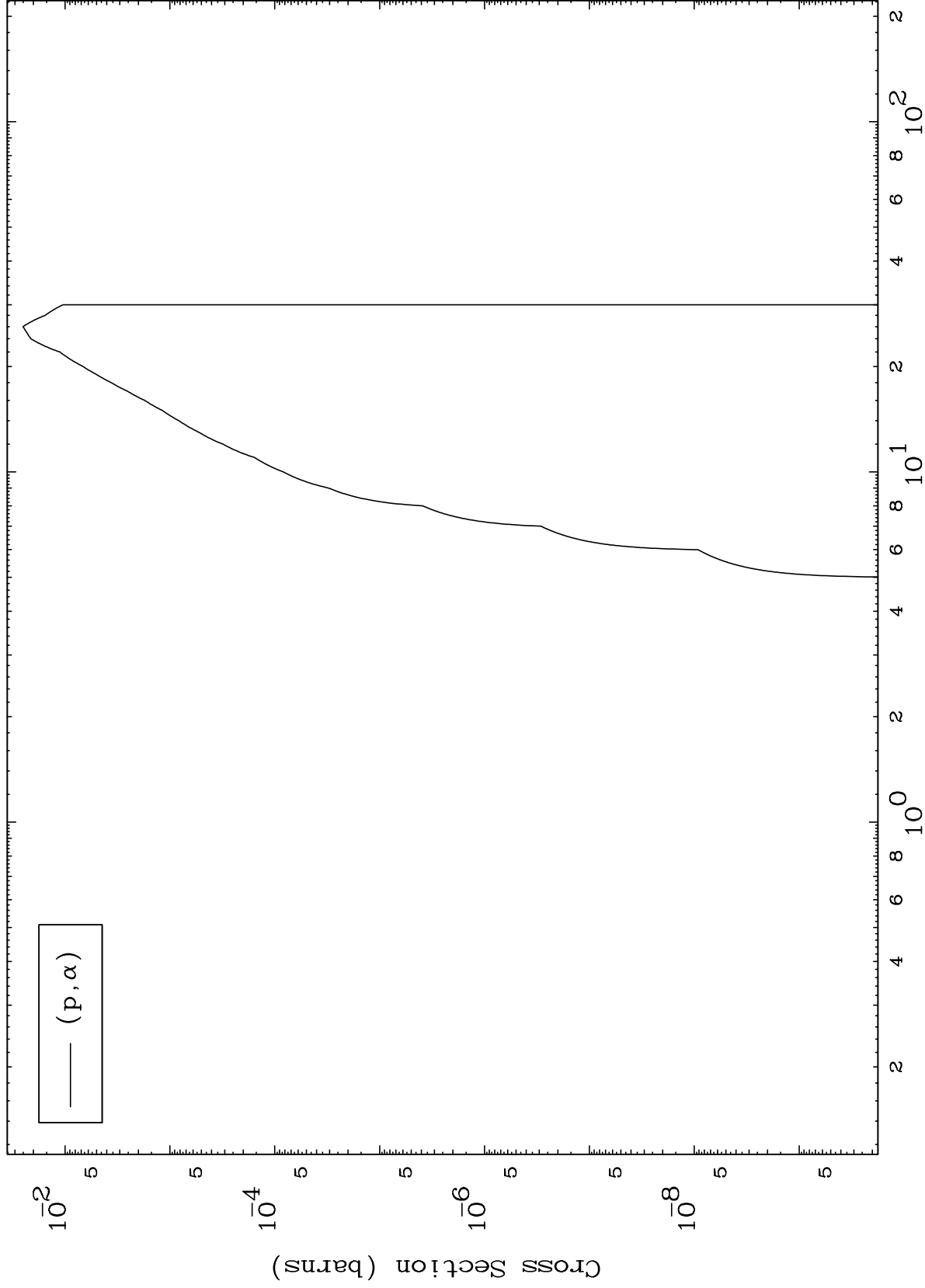
64-Gd-146

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(p, α) Levels

64-Gd-146

0 Kelvin Cross Sections



10

Incident Energy (MeV)

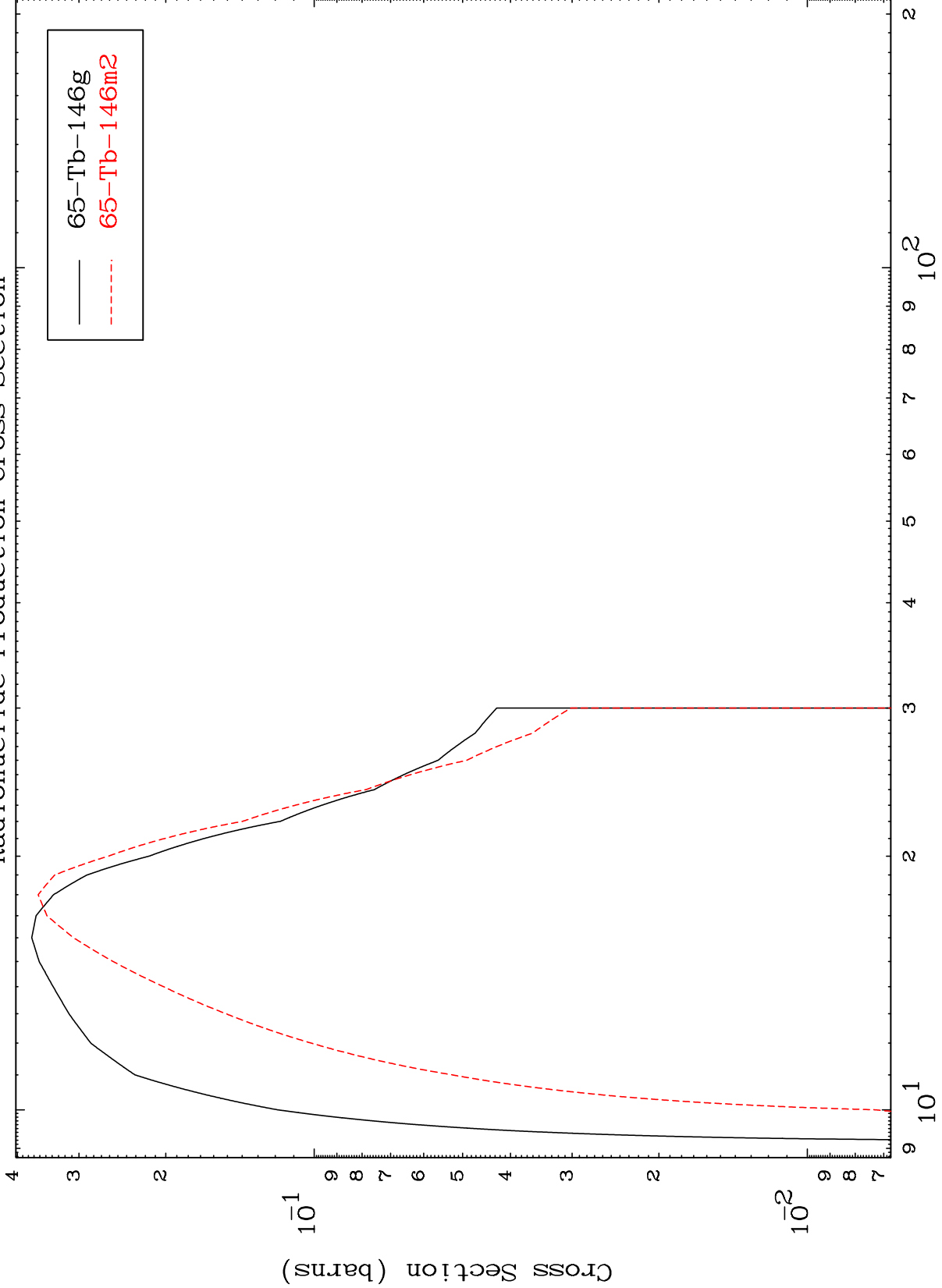
64-Gd-146

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Proton Inelastic

64-Gd-146

Radionuclide Production Cross Section



11

Incident Energy (MeV)

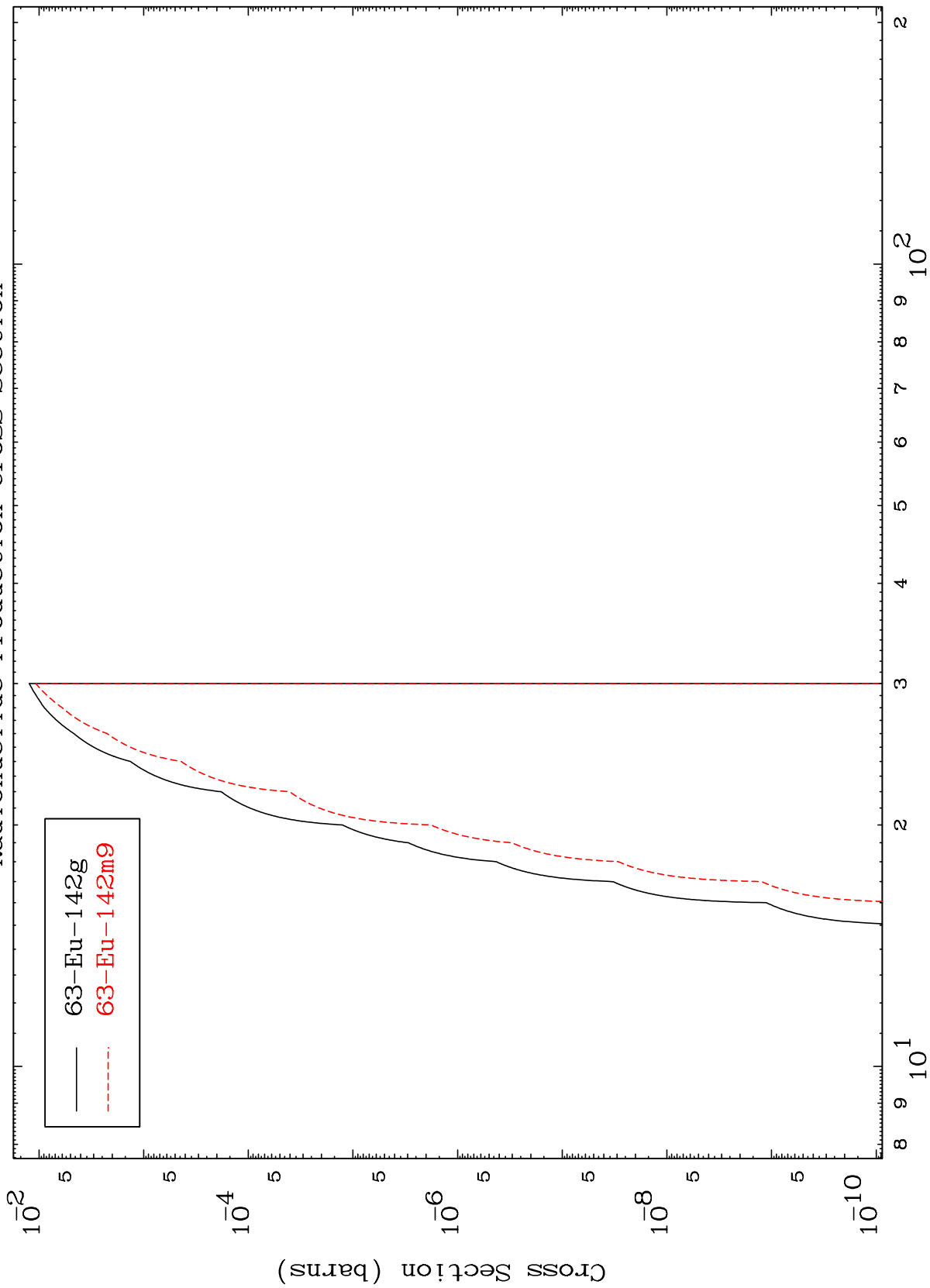
64-Gd-146

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(p,n') α

64-Gd-146

Radionuclide Production Cross Section



12

Incident Energy (MeV)

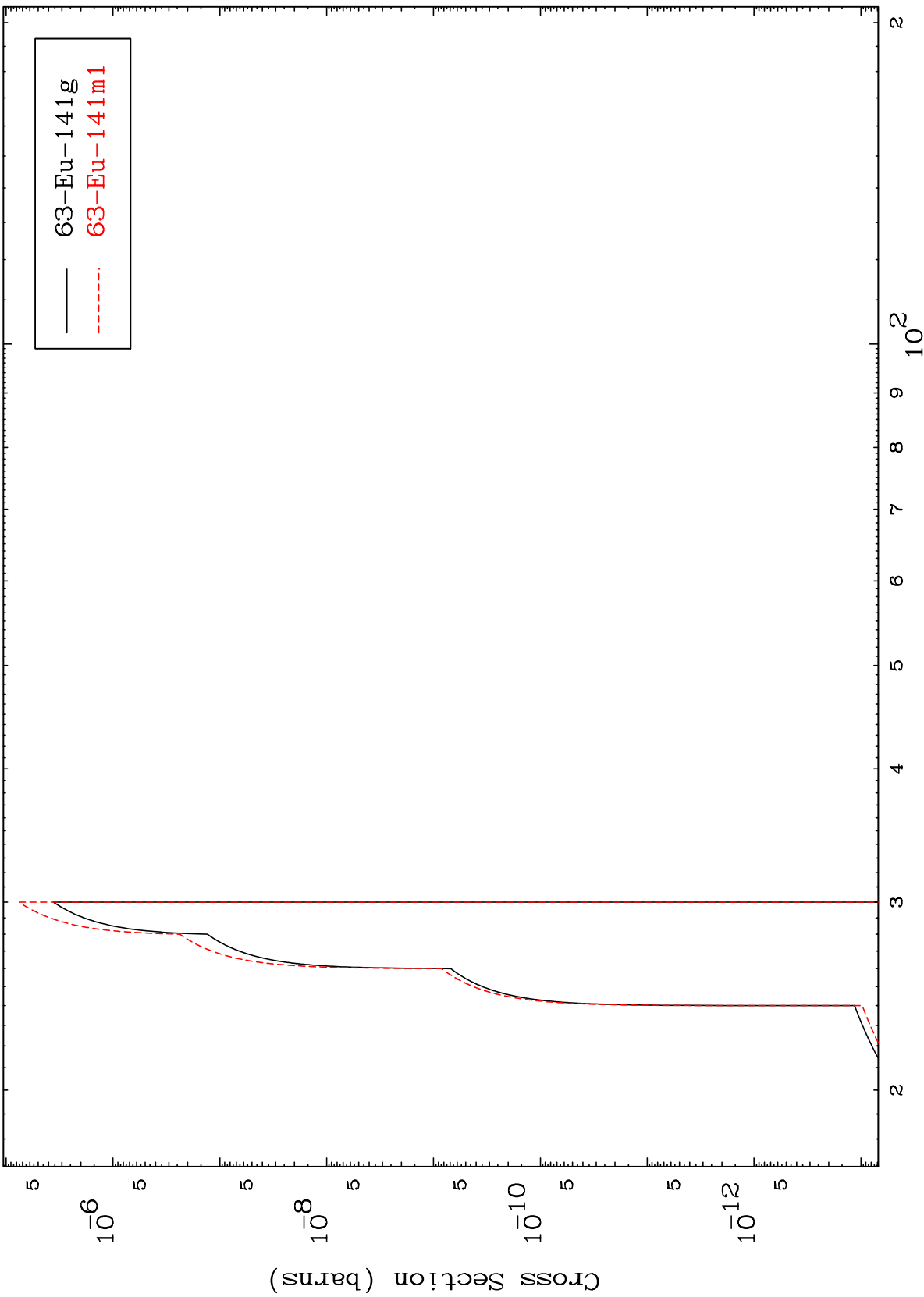
64-Gd-146

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(p,2n) α

64-Gd-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

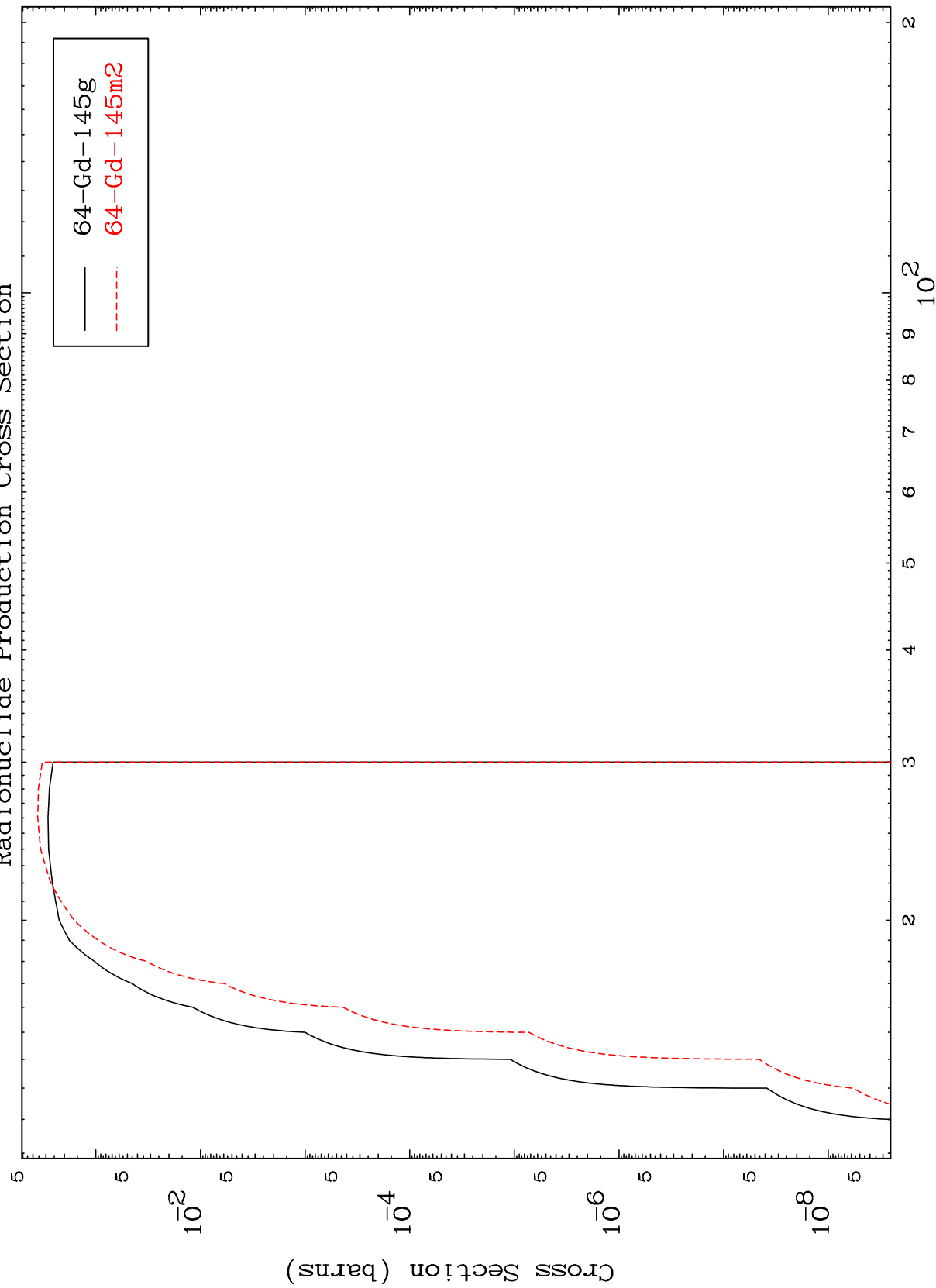
64-Gd-146

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(p,n') p

64-Gd-146

Radionuclide Production Cross Section



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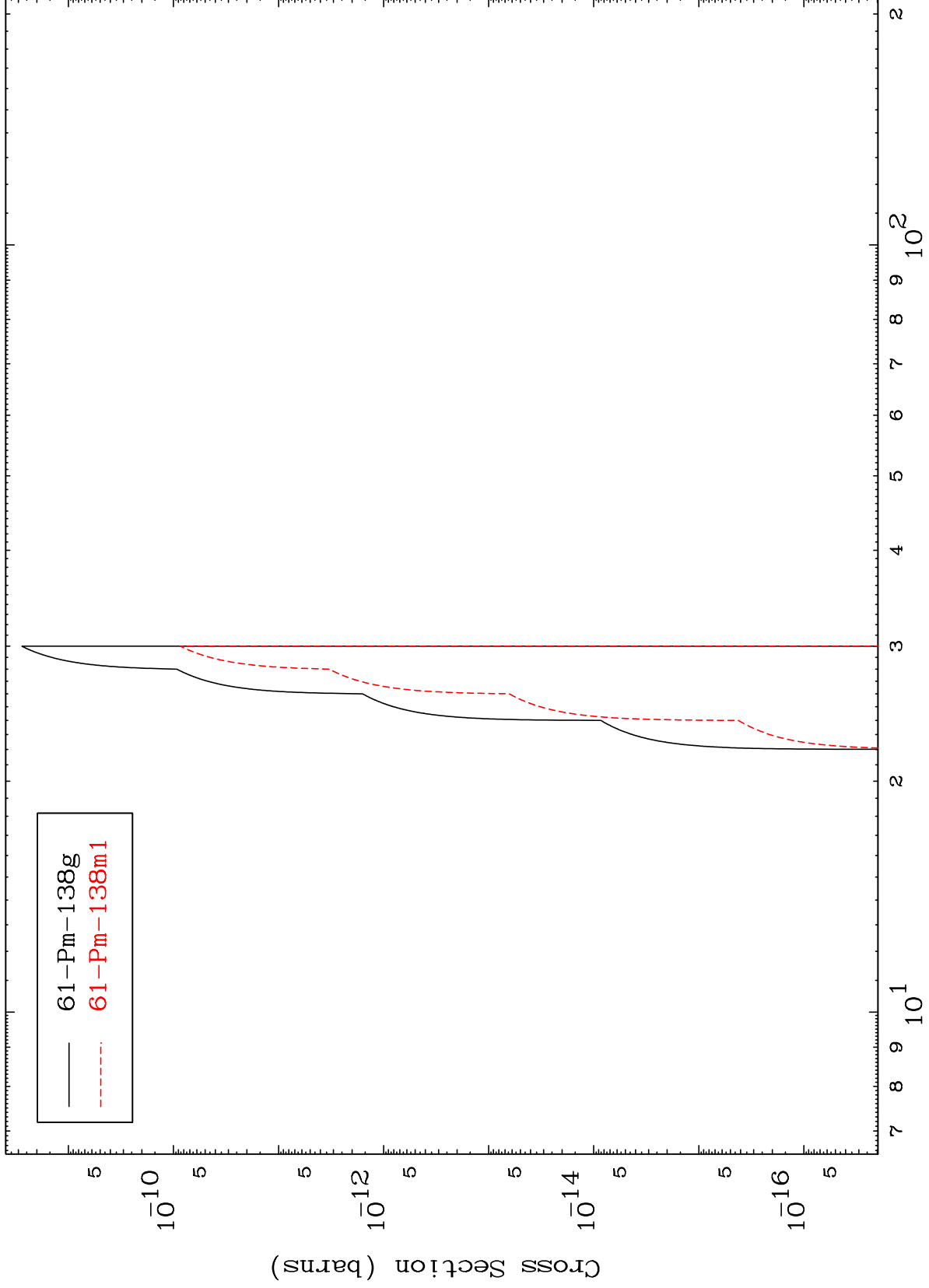
Incident Energy (MeV)

64-Gd-146

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64-Gd-146

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

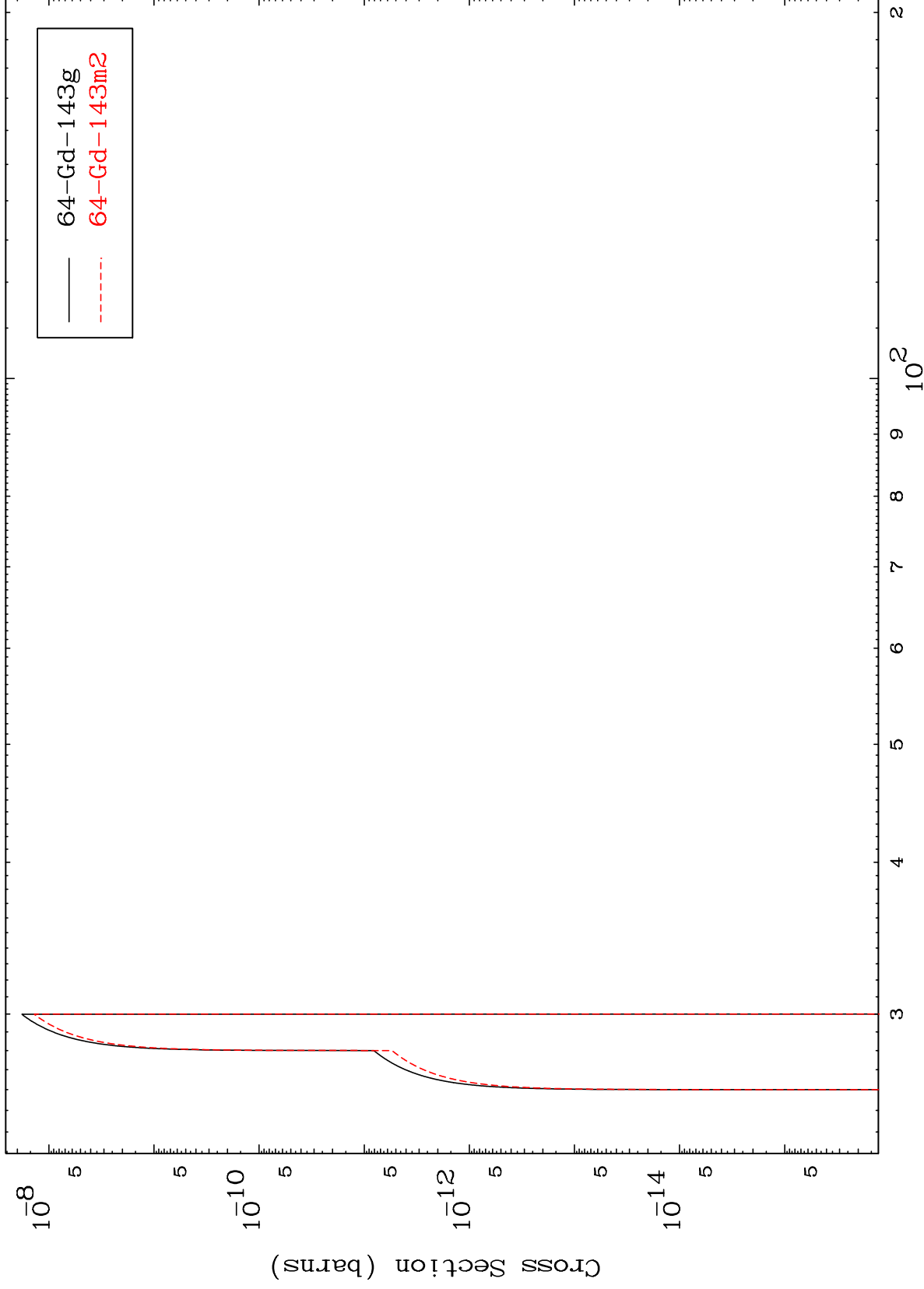


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Incident Energy (MeV)

64-Gd-146

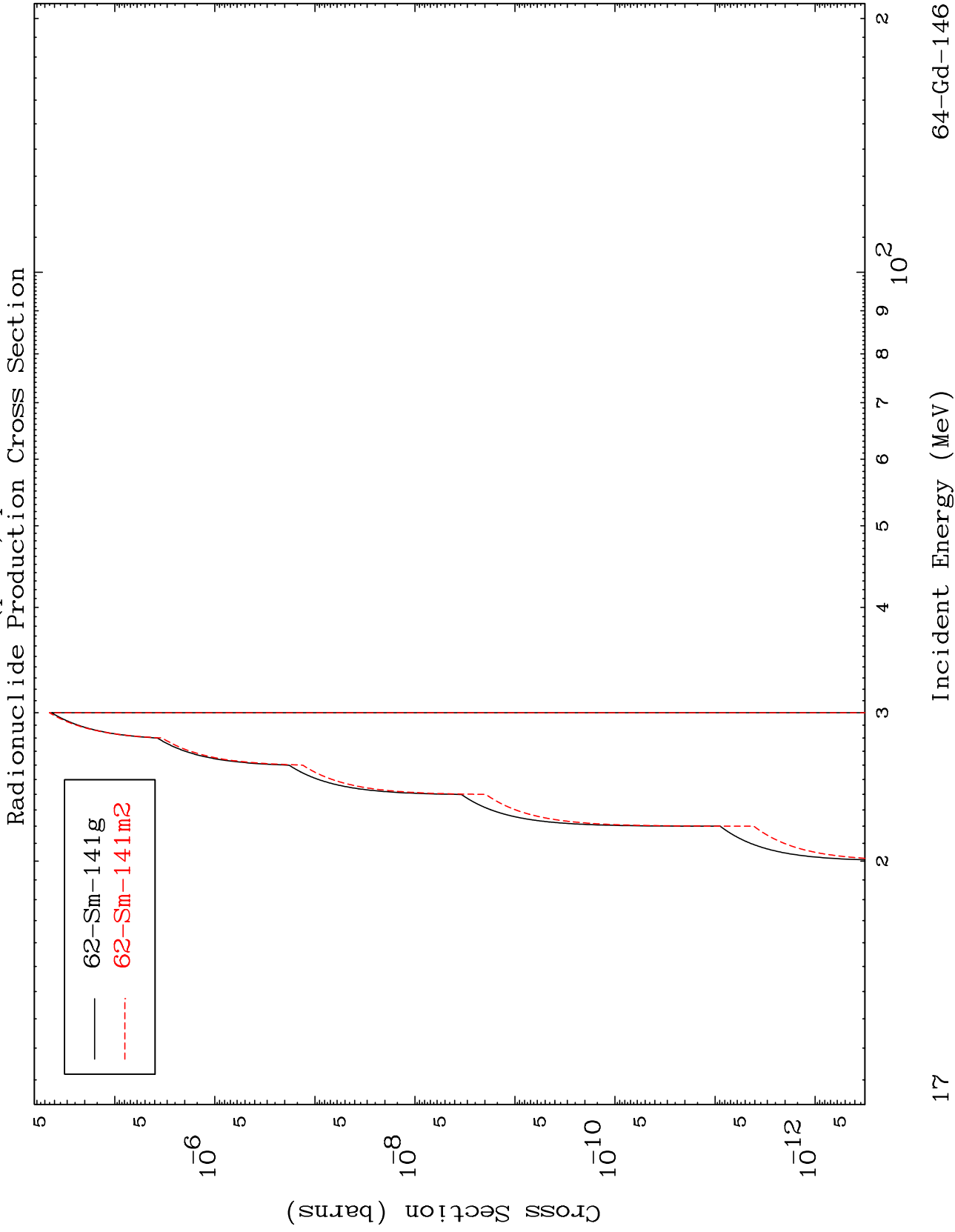
Radionuclide Production Cross Section



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(p,n') p α

64-Gd-146



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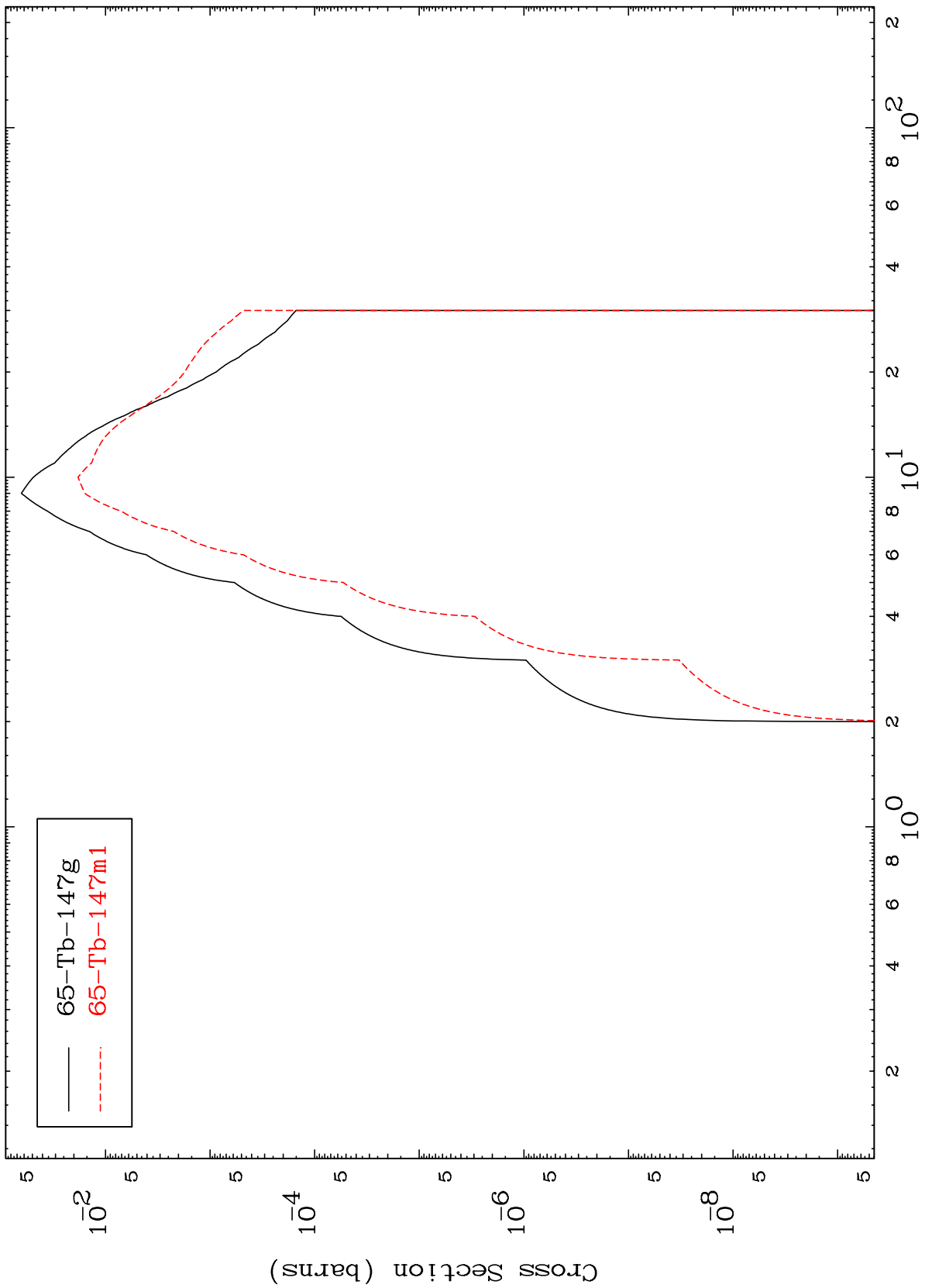
Incident Energy (MeV)

64-Gd-146

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64-Gd-146

(p, γ)
Radionuclide Production Cross Section



— 65-Tb-147g
- - - 65-Tb-147m1

64-Gd-146

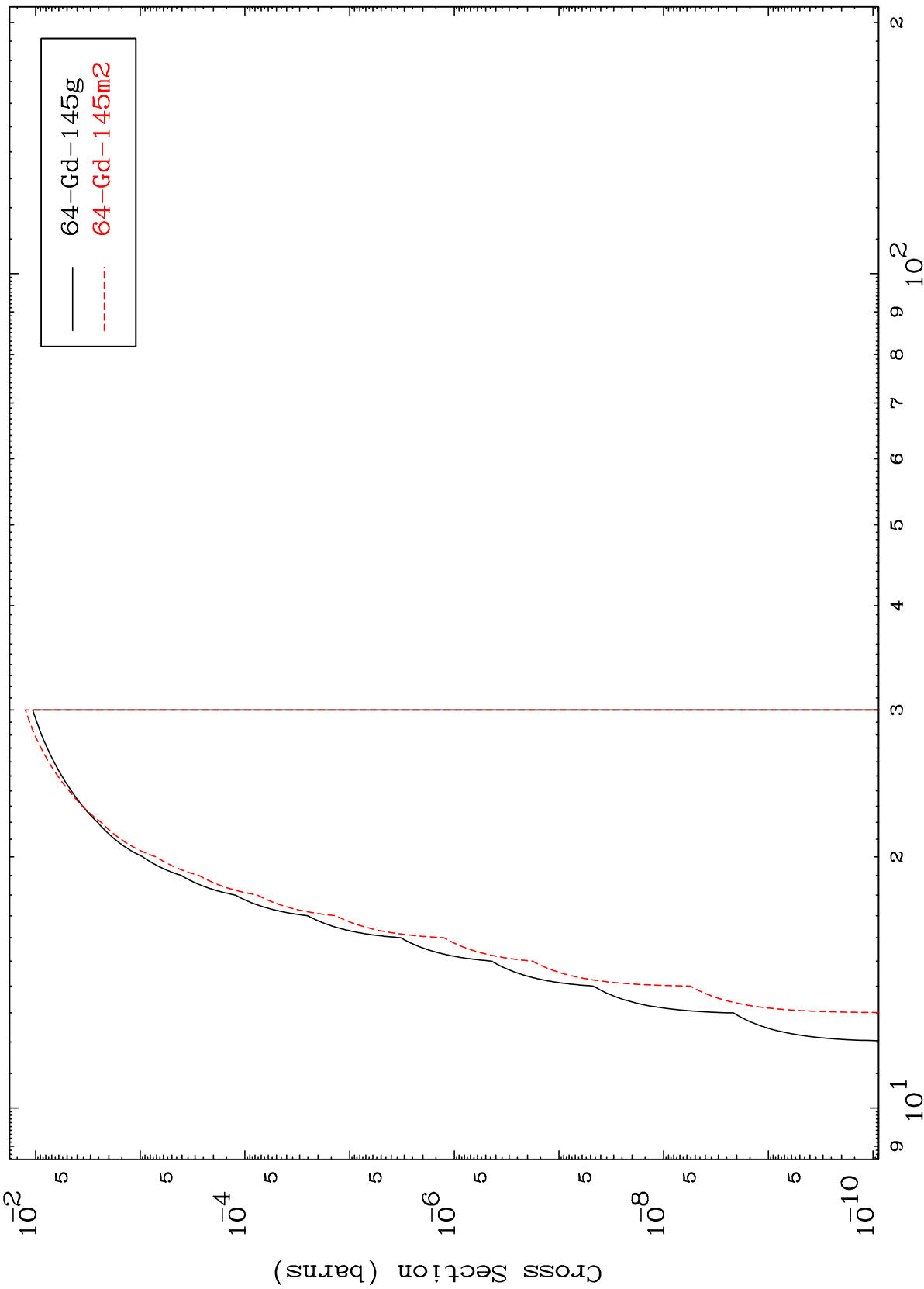
Incident Energy (MeV)

18

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64-Gd-146

(p,d)
Radionuclide Production Cross Section



64-Gd-146

Incident Energy (MeV)

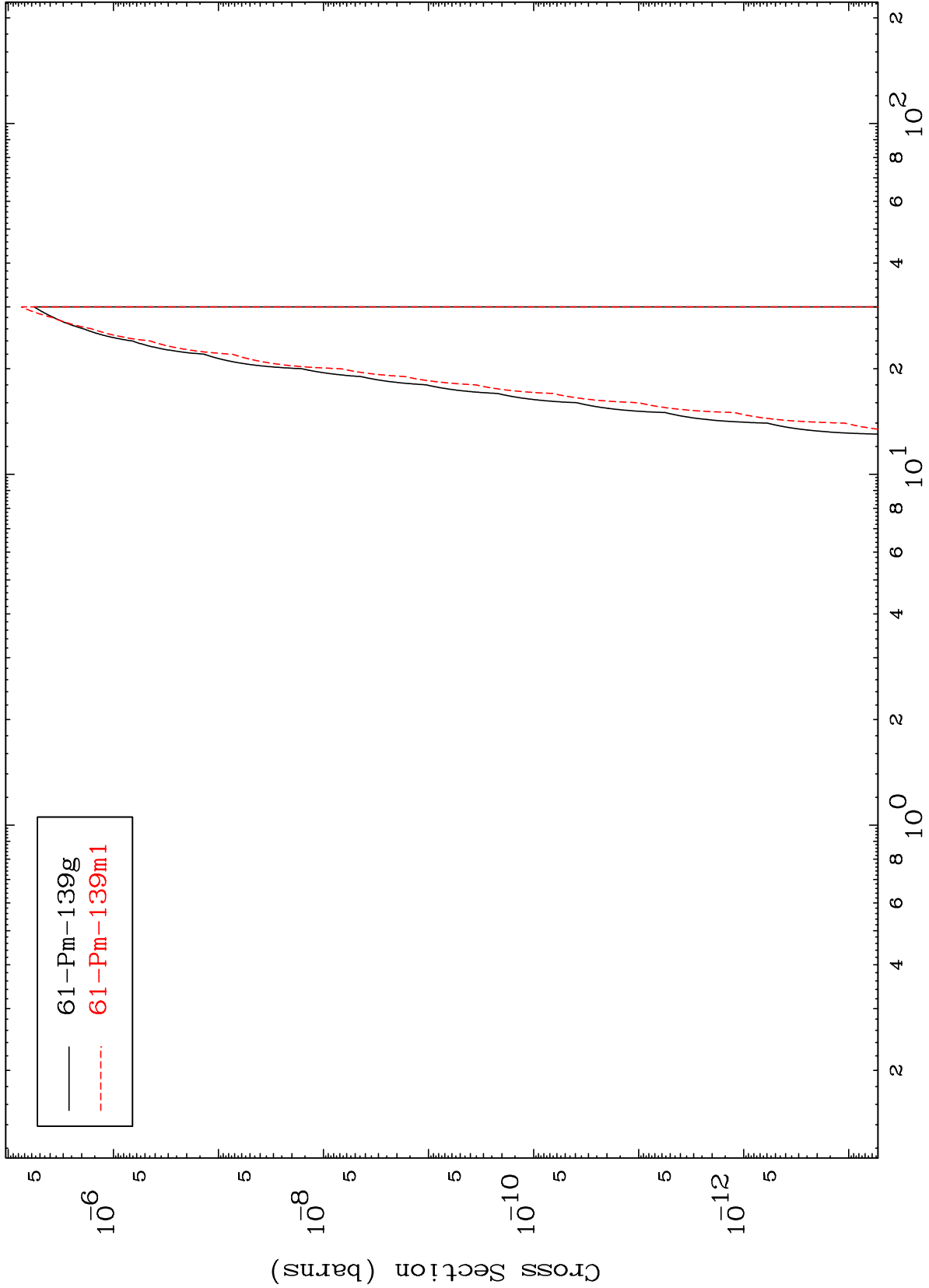
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(p,2α)

64-Gd-146

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

20

Incident Energy (MeV)

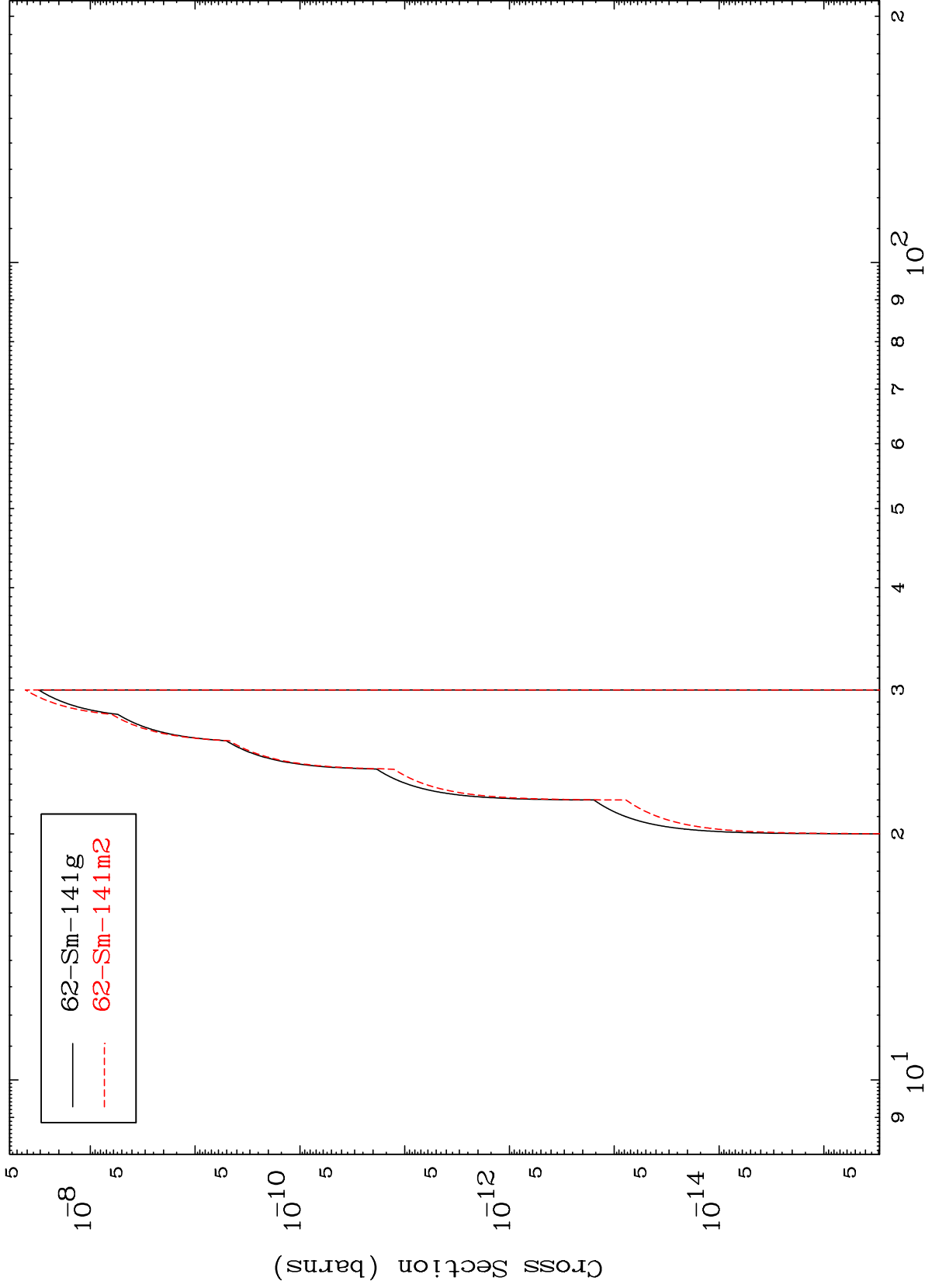
64-Gd-146

MAT 6407

(p,d) α

64-Gd-146

Radionuclide Production Cross Section



21

Incident Energy (MeV)

64-Gd-146