

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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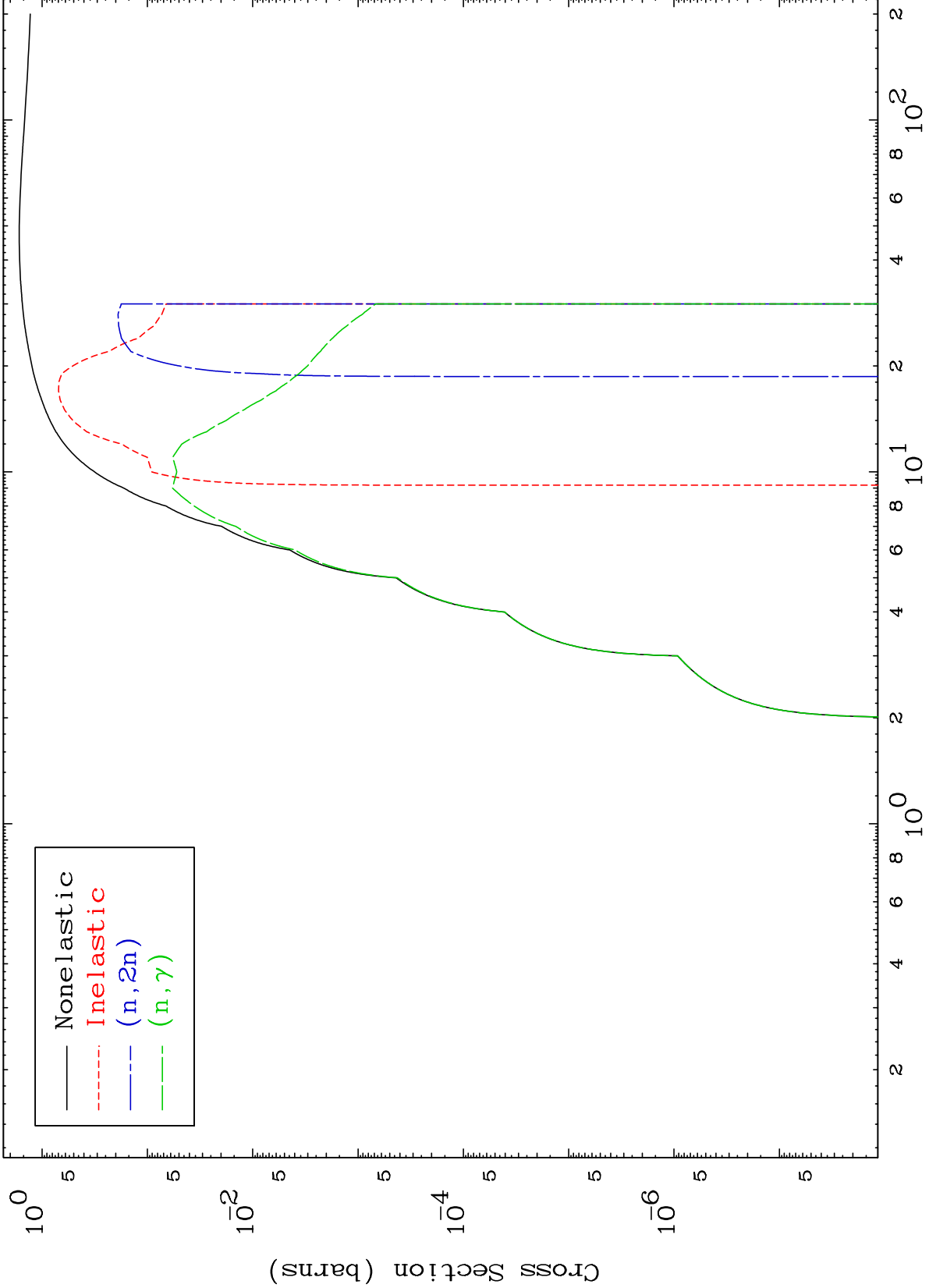
Press Mouse Button to Start

MAT 6407

Proton Major

64-Gd-146

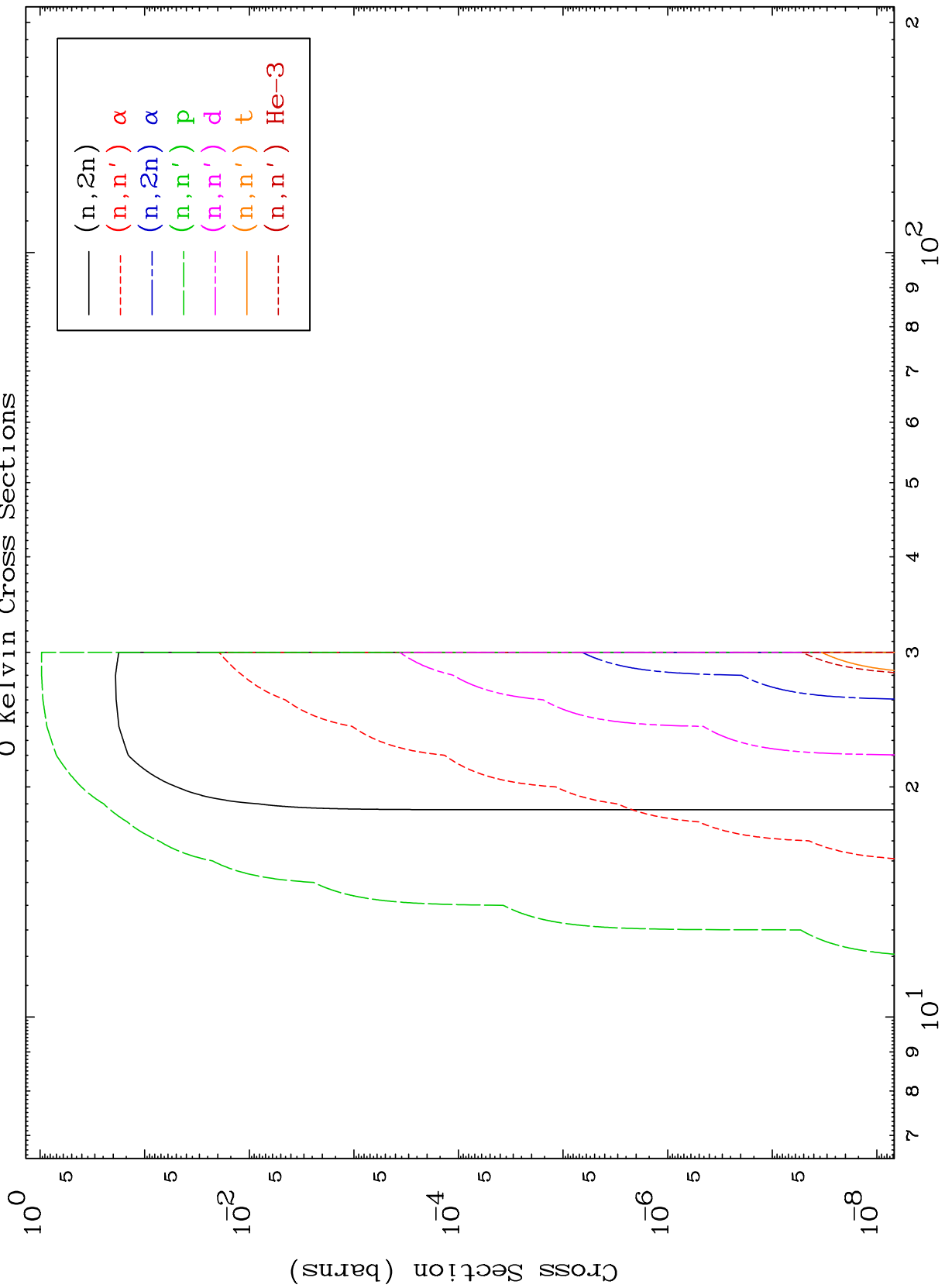
0 Kelvin Cross Sections



MAT 6407

Proton Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-146



2

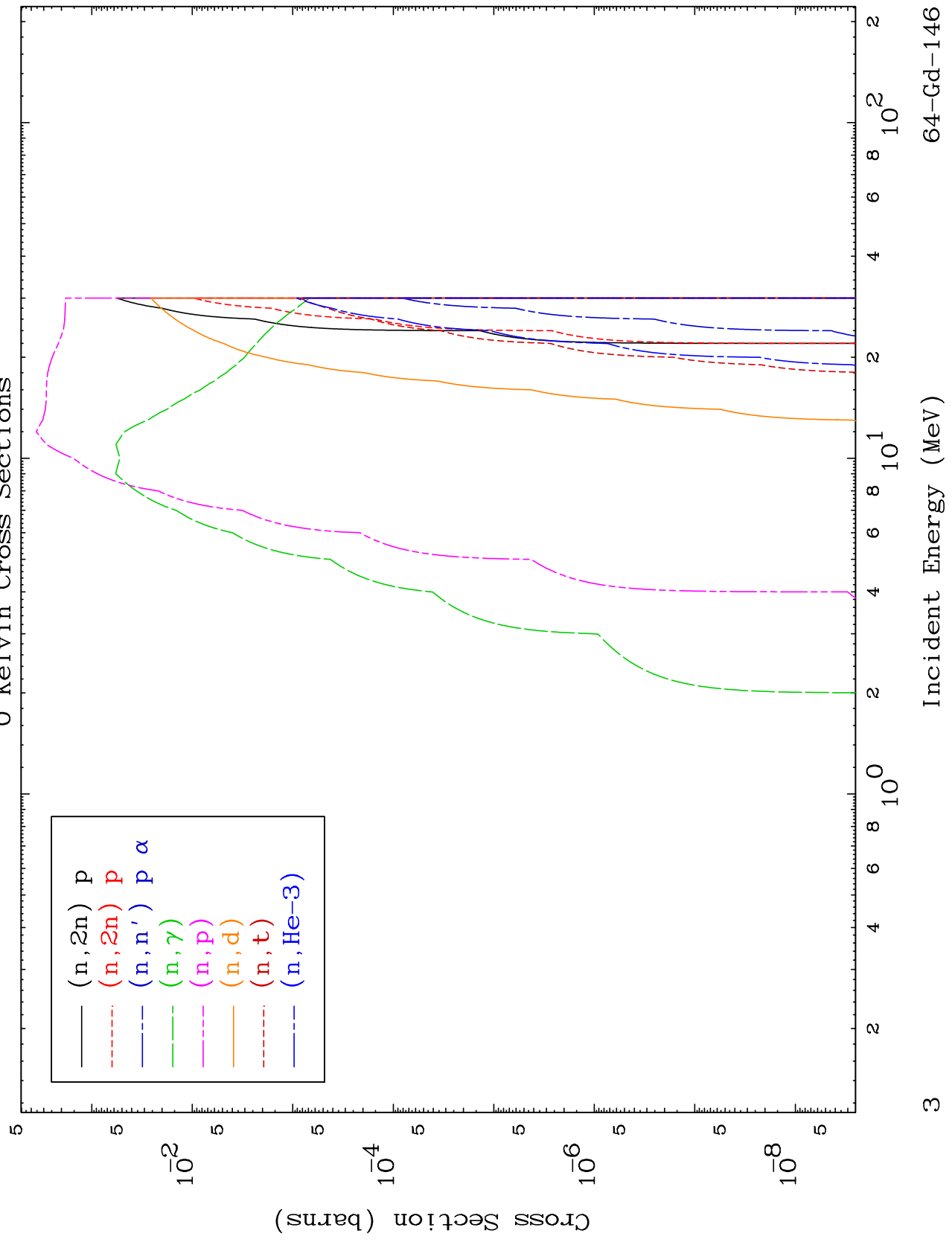
Incident Energy (MeV)

64-Gd-146

MAT 6407

Proton Neutron Absorption  
0 Kelvin Cross Sections

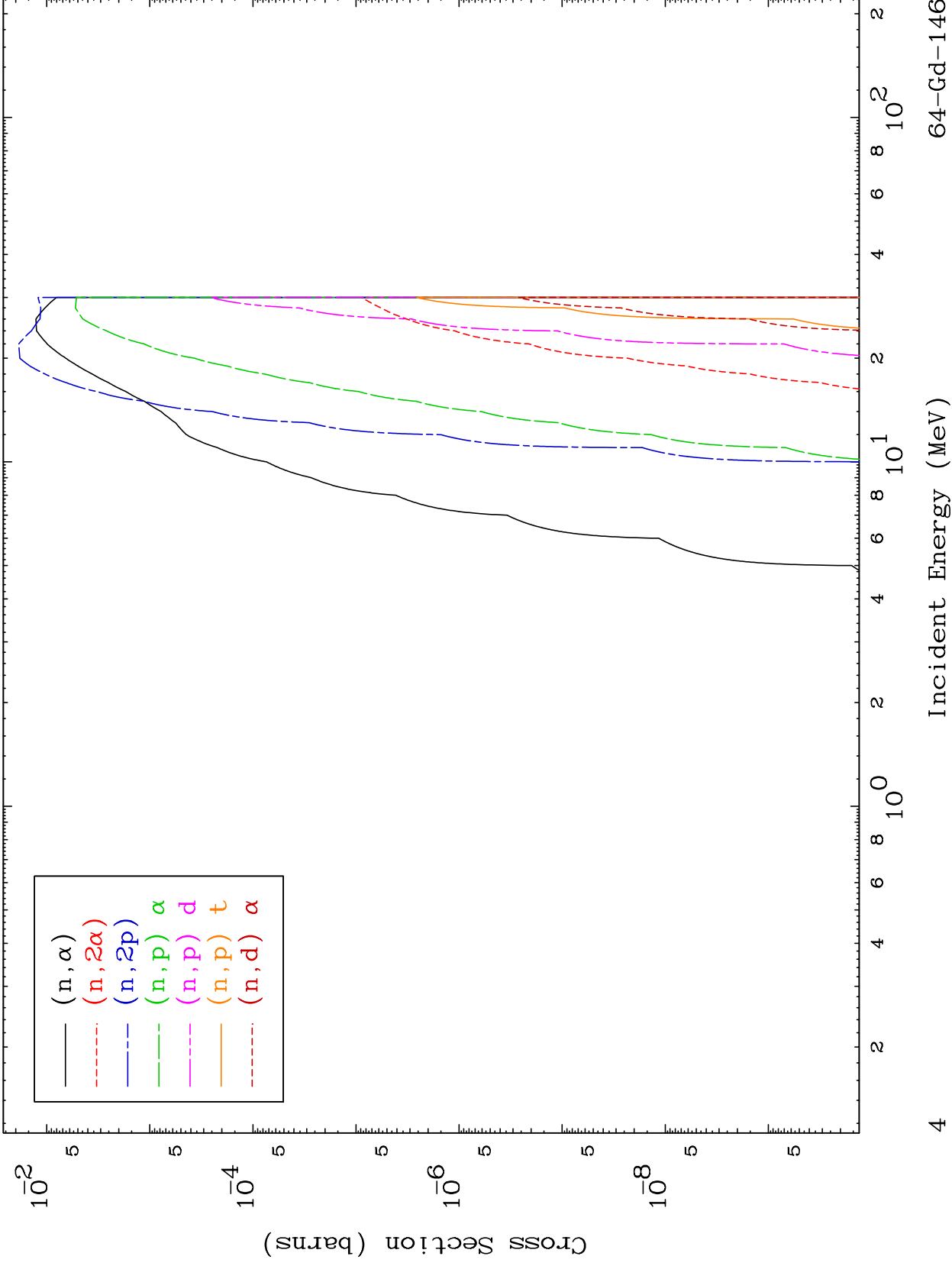
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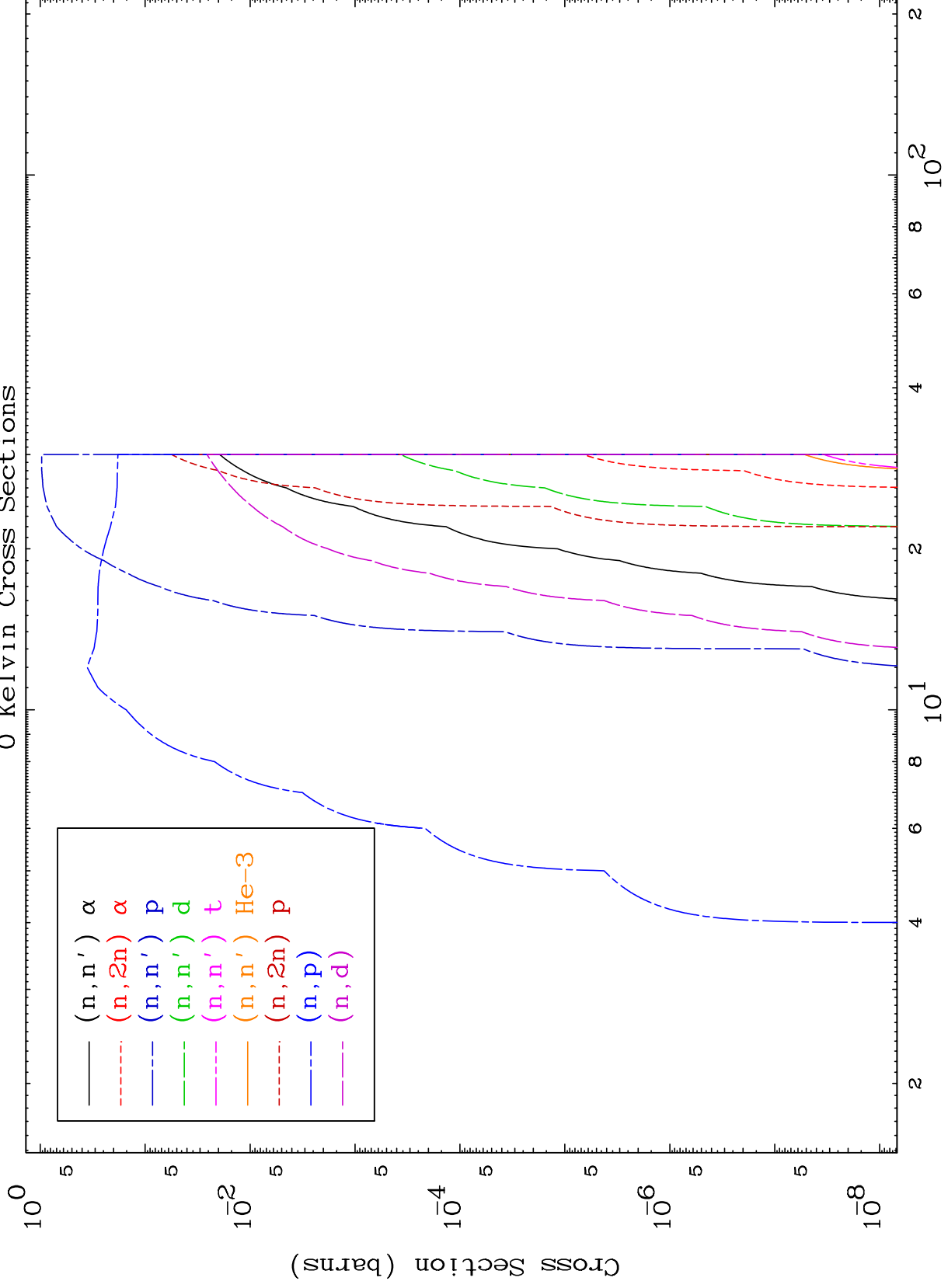


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Proton Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-146

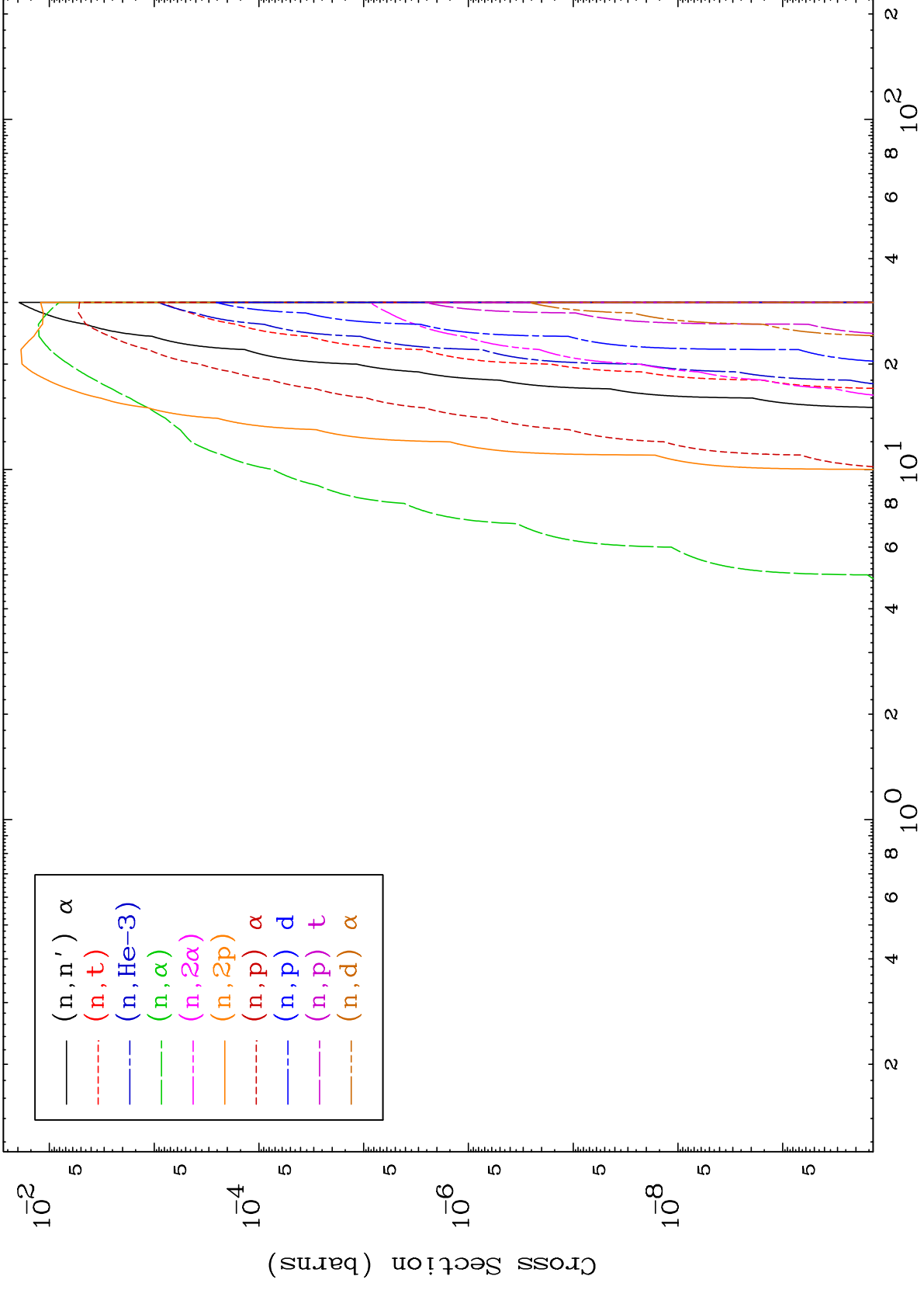




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Proton Charged Particle  
0 Kelvin Cross Sections

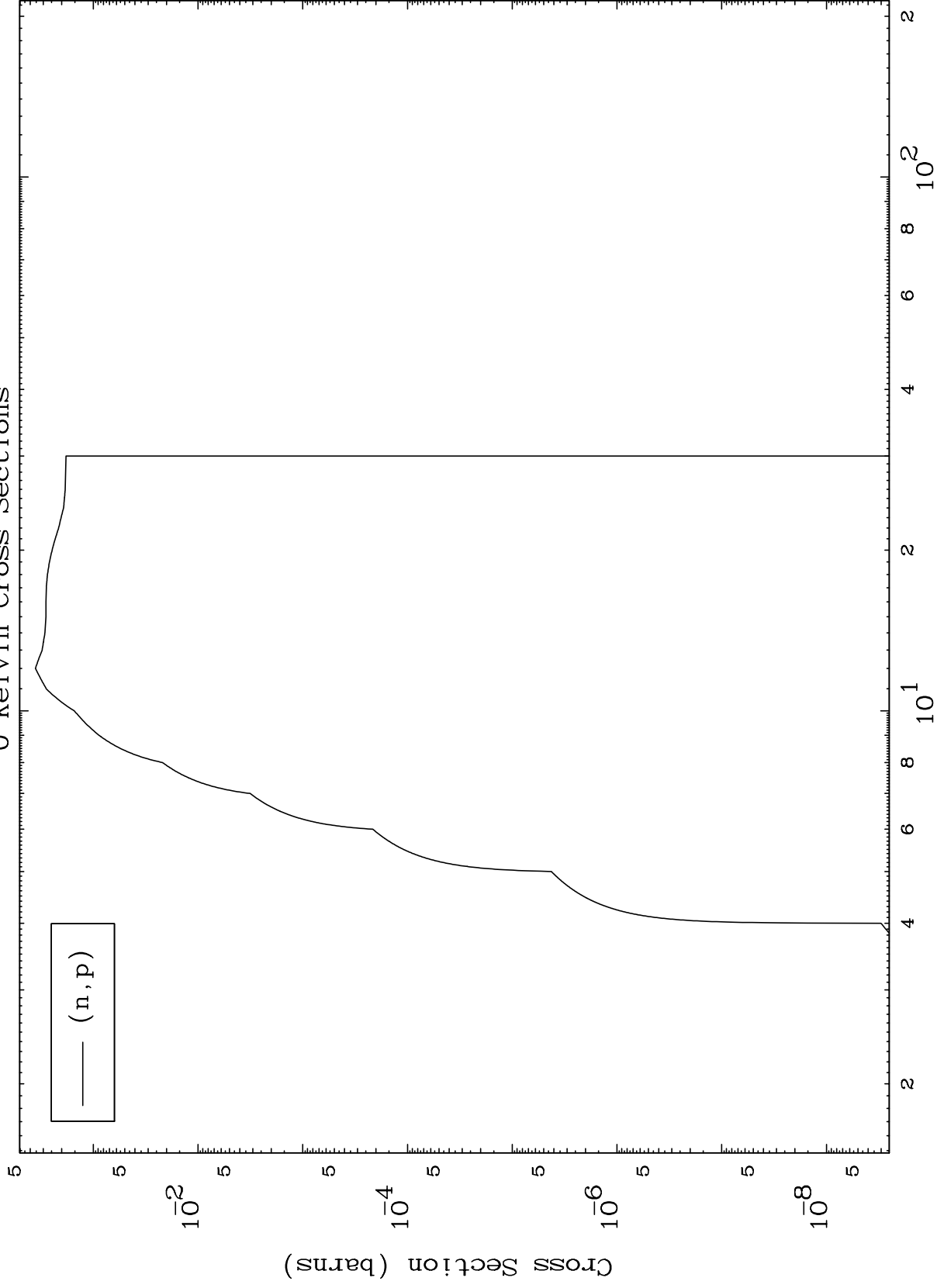
64-Gd-146



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(p,p) Levels  
0 Kelvin Cross Sections

64-Gd-146



7

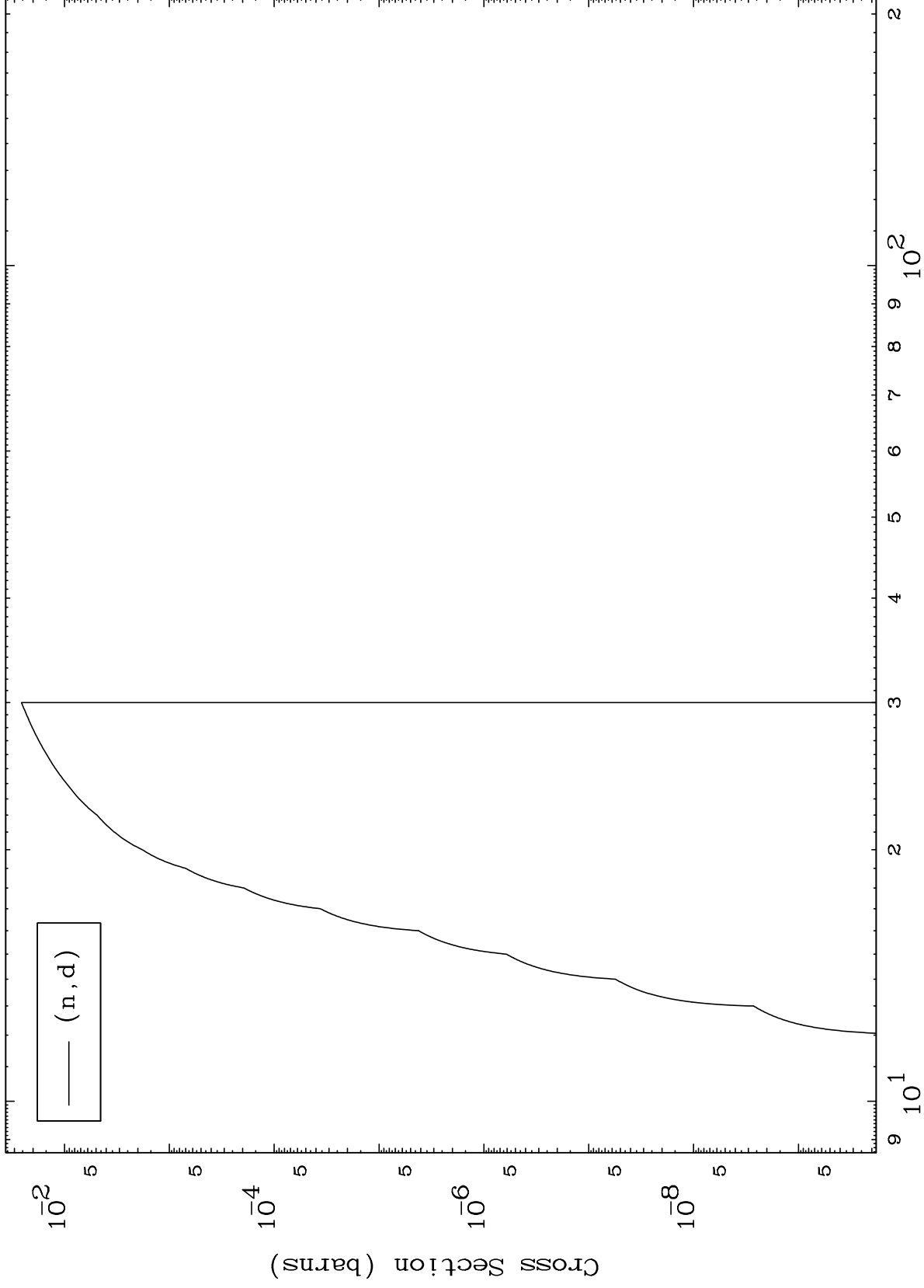
Incident Energy (MeV)

64-Gd-146

MAT 6407

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-146



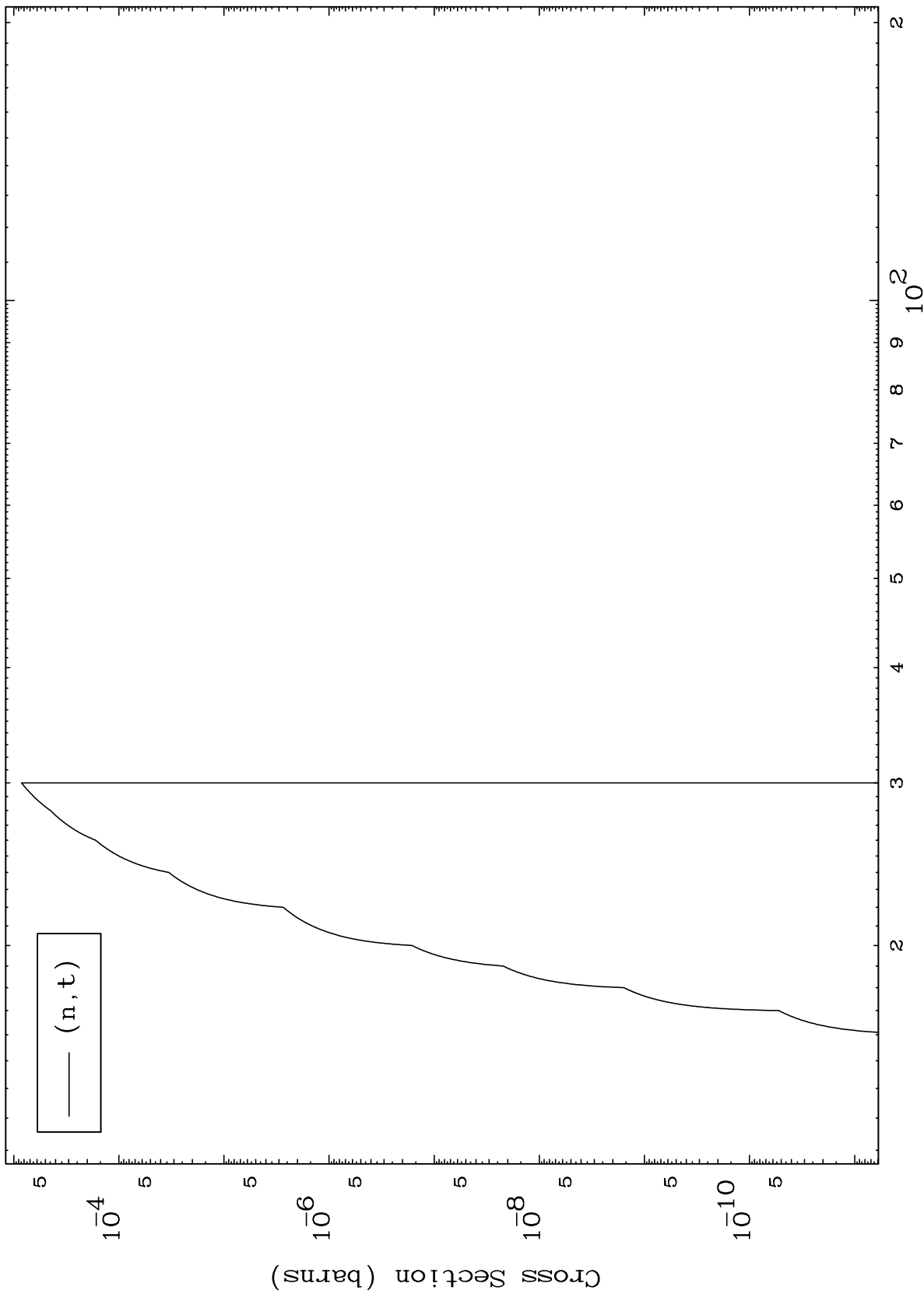
Incident Energy (MeV)

64-Gd-146

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64-Gd-146

(p,t) Levels  
0 Kelvin Cross Sections



64-Gd-146

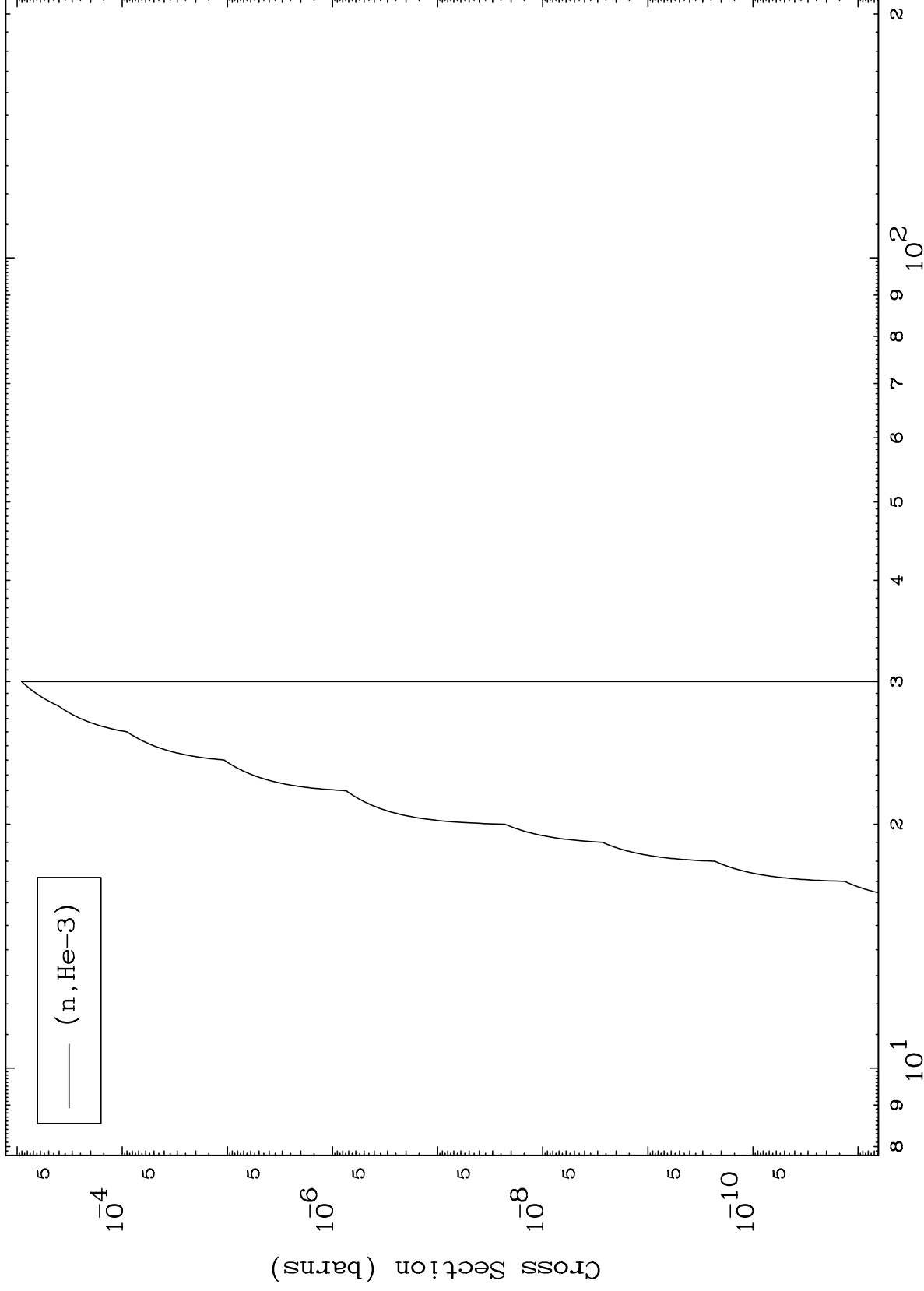
Incident Energy (MeV)

9

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(p,He3) Levels  
0 Kelvin Cross Sections

64-Gd-146



10

Incident Energy (MeV)

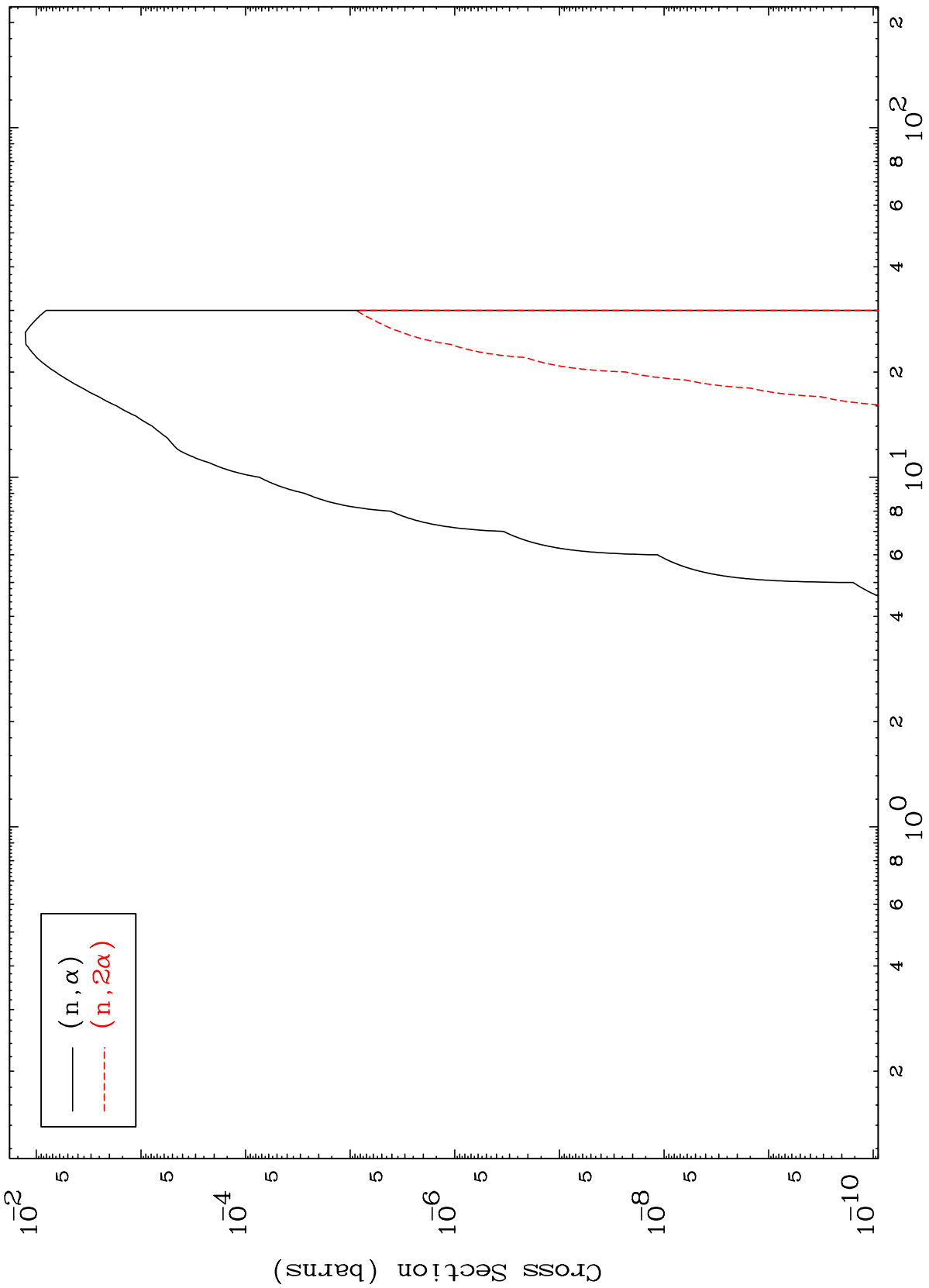
64-Gd-146

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(p,  $\alpha$ ) Levels

64-Gd-146

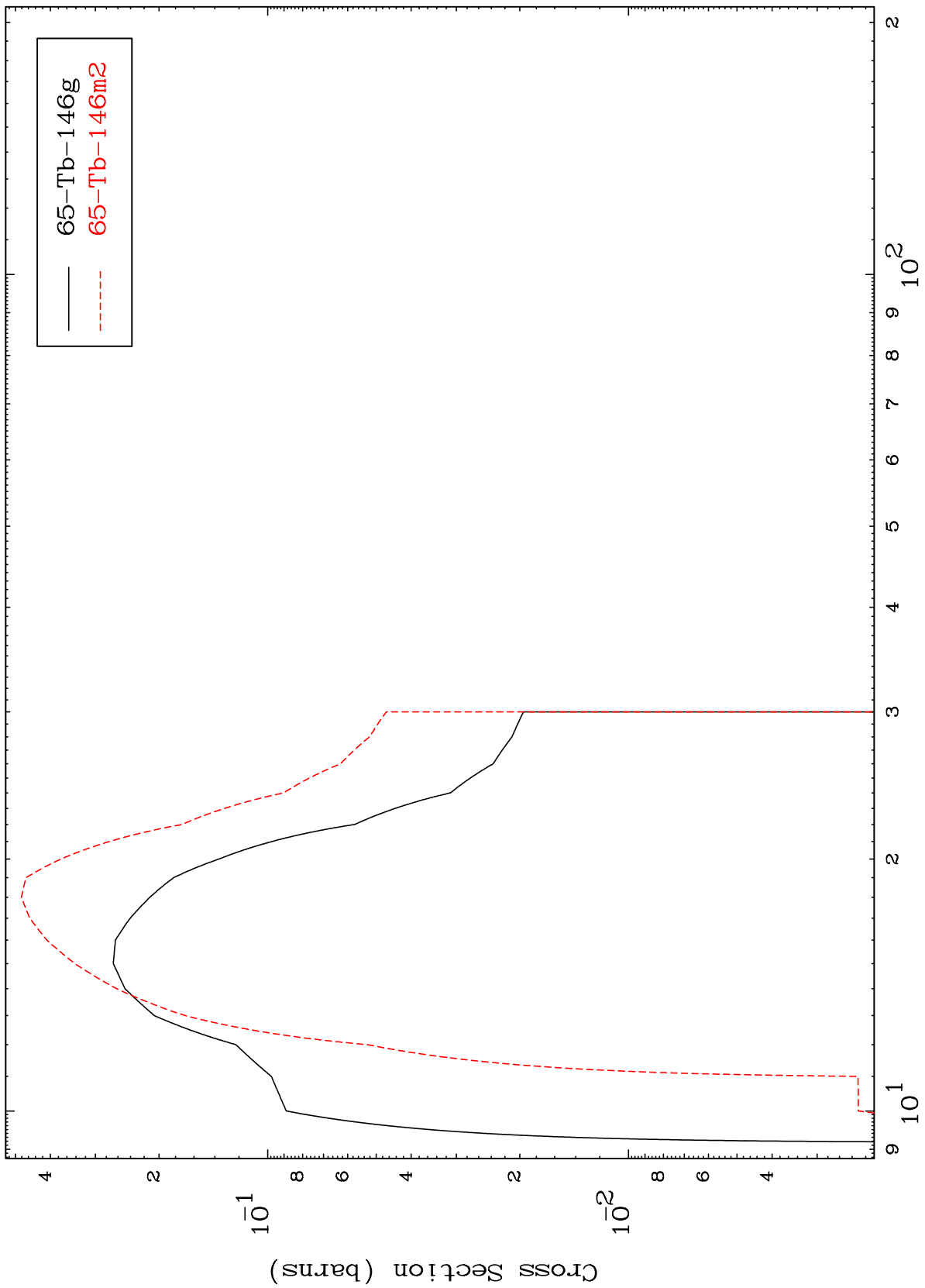
0 Kelvin Cross Sections



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64-Gd-146

Inelastic  
Radionuclide Production Cross Section



64-Gd-146

Incident Energy (MeV)

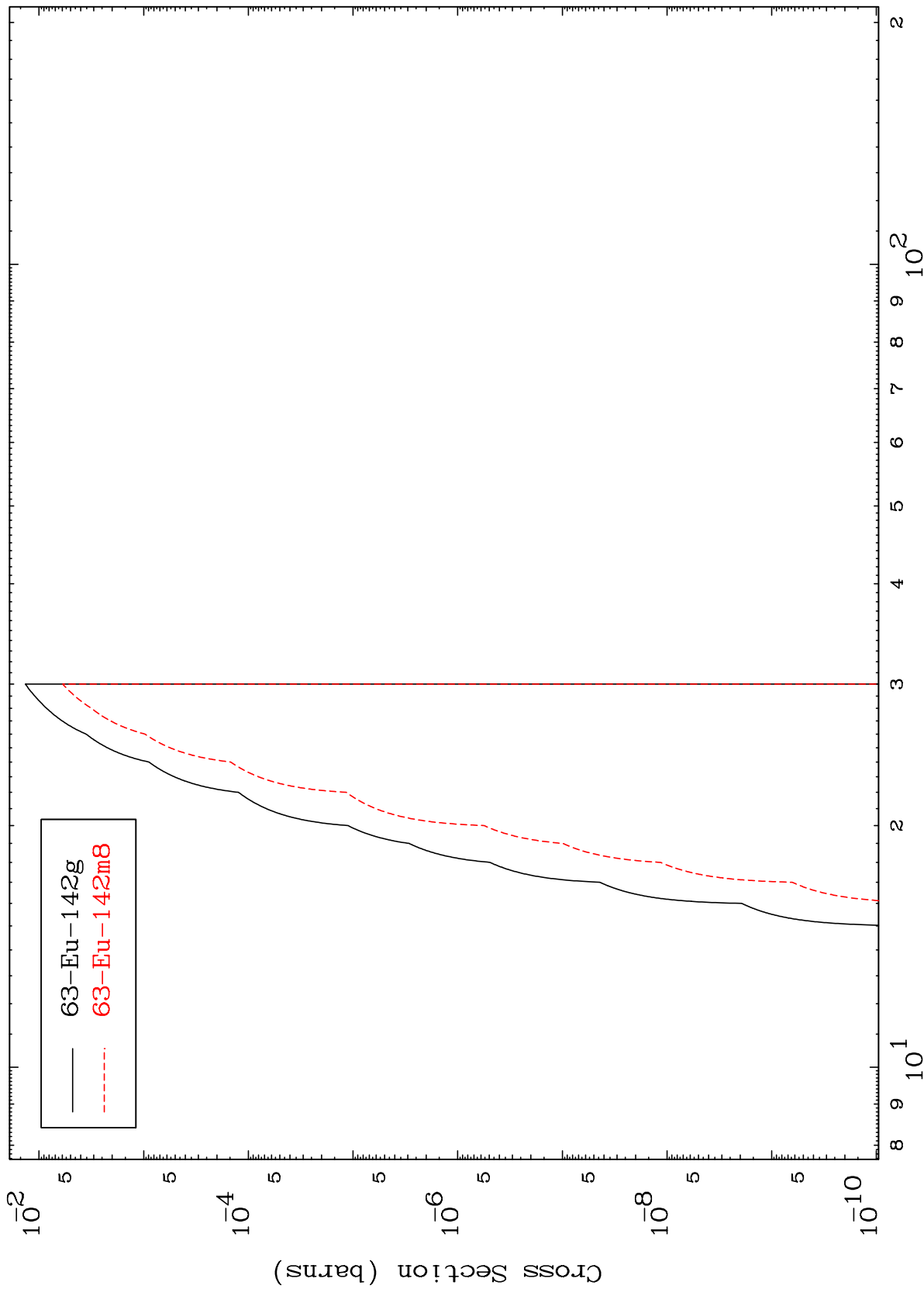
12

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(n,n')  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



63-Eu-142g  
63-Eu-142m8

13

Incident Energy (MeV)

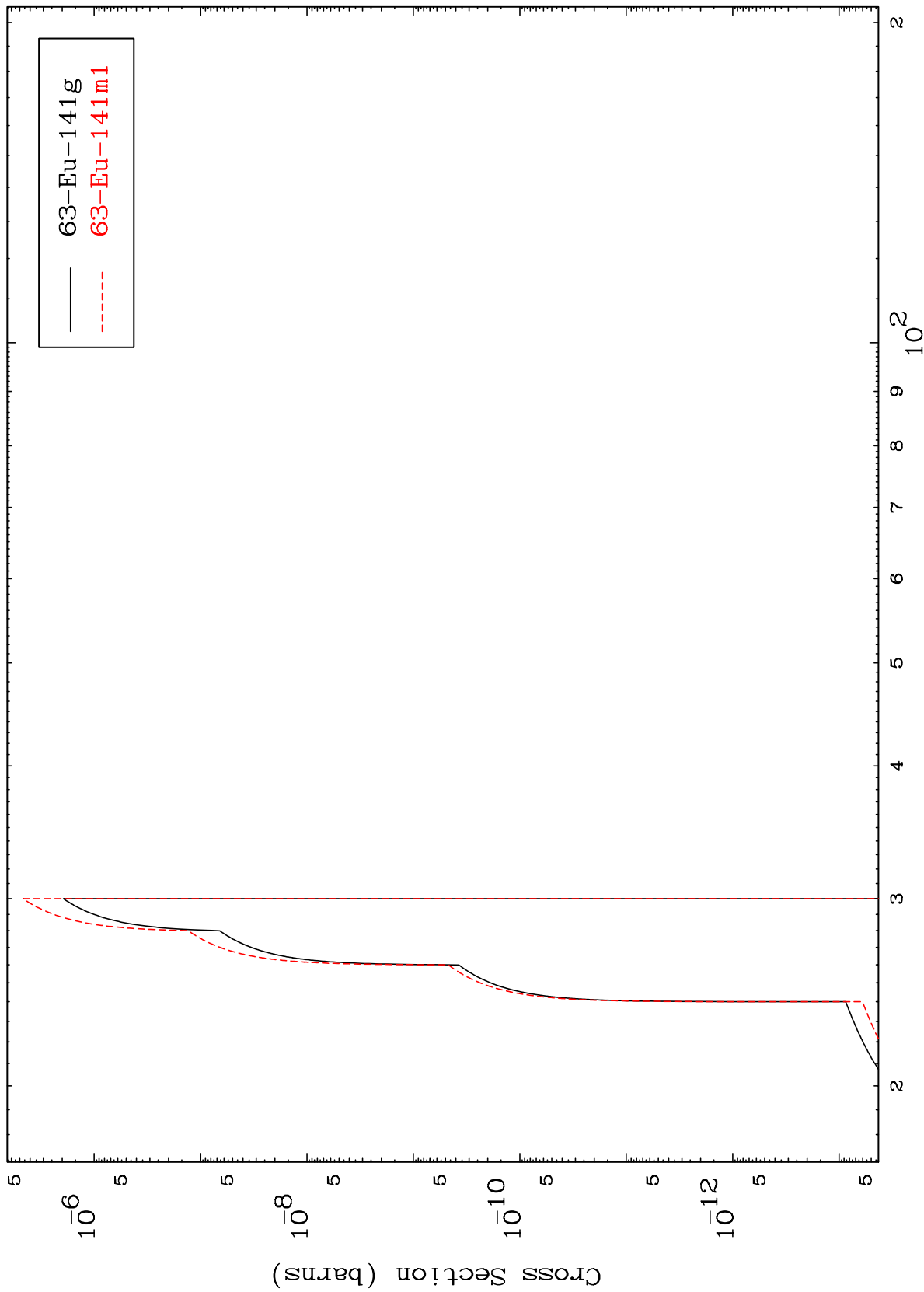
64-Gd-146

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$(n,2n) \alpha$

64-Gd-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

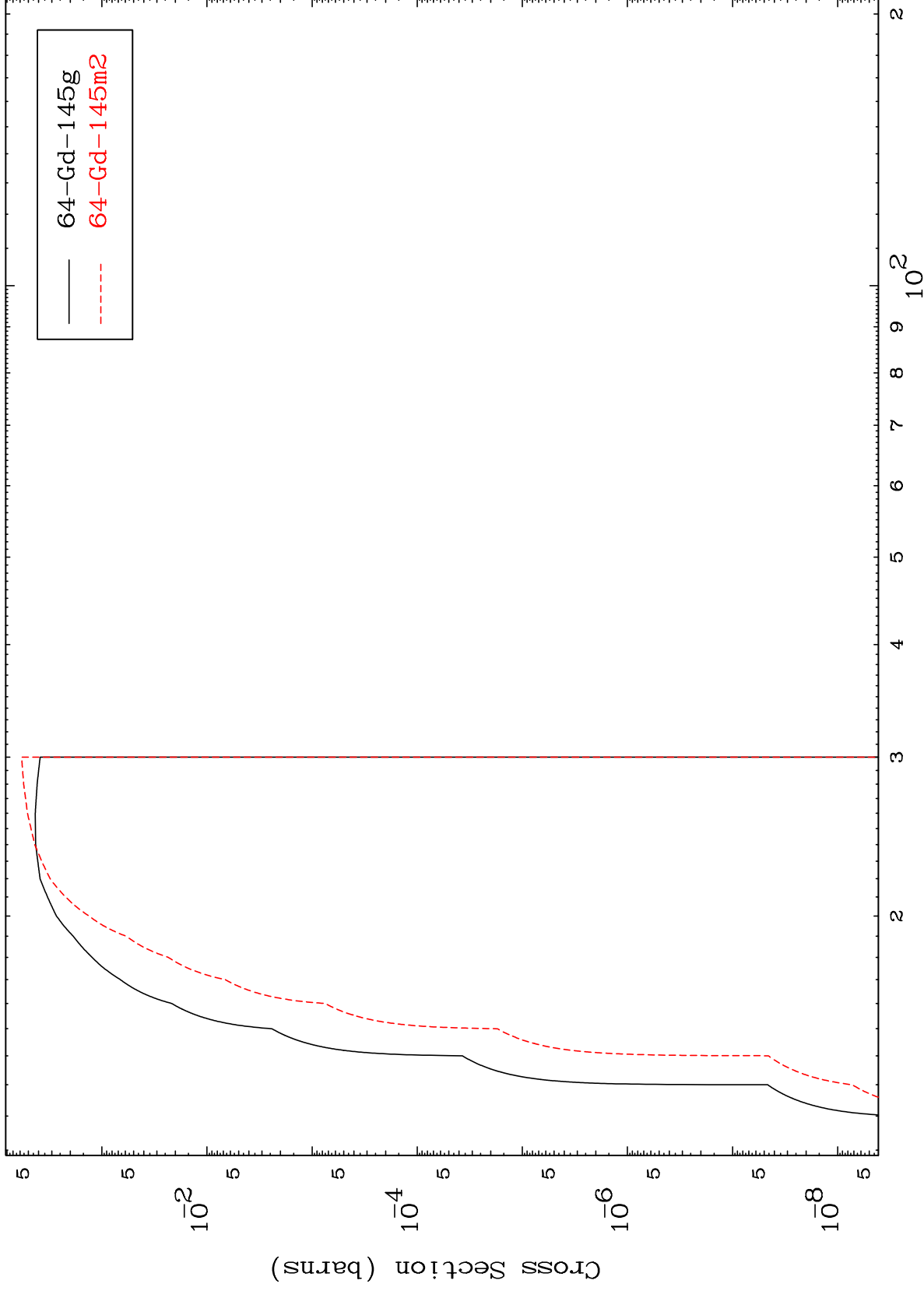
64-Gd-146

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(n,n') p

64-Gd-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

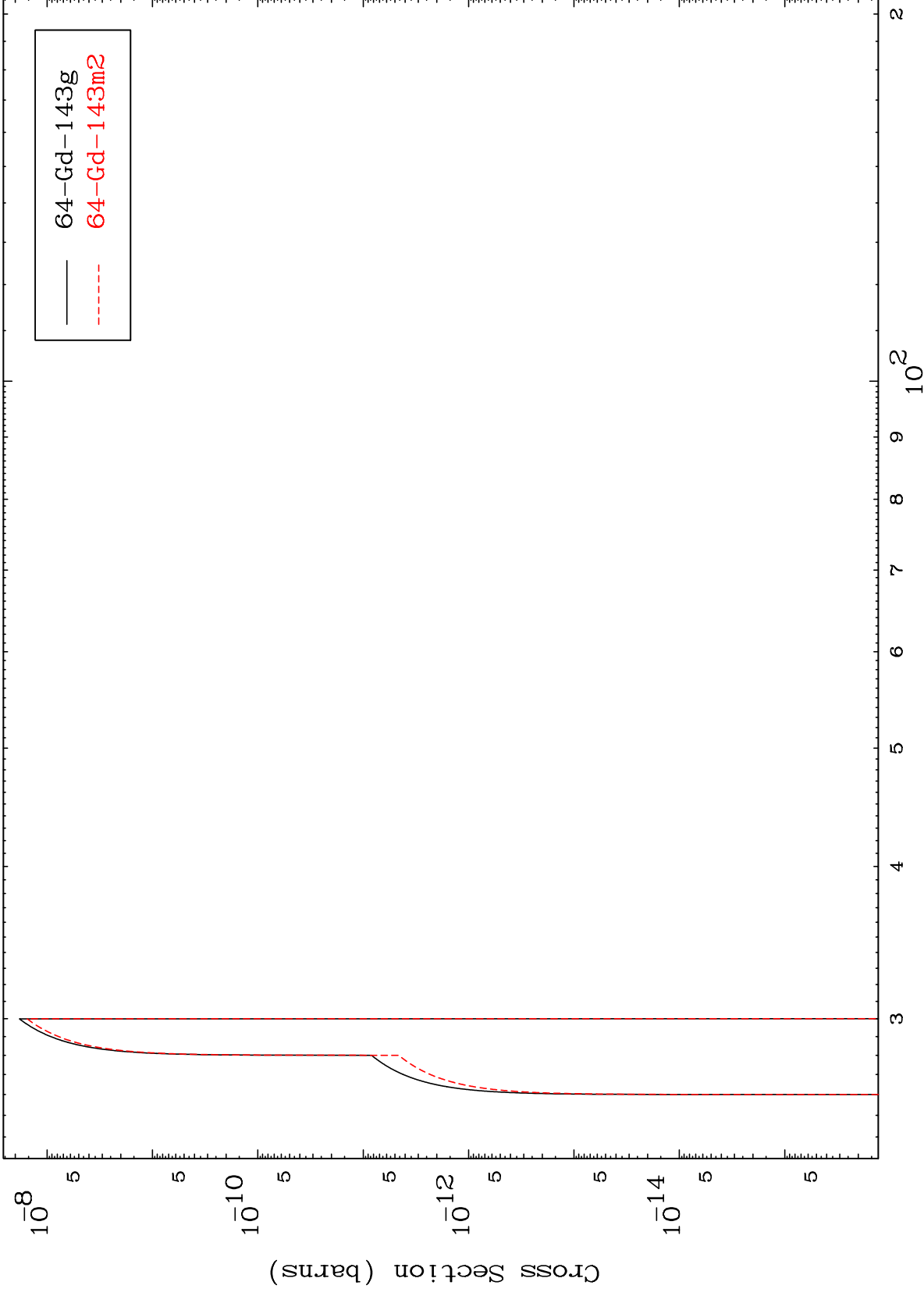
64-Gd-146

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(n,n') t

64-Gd-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

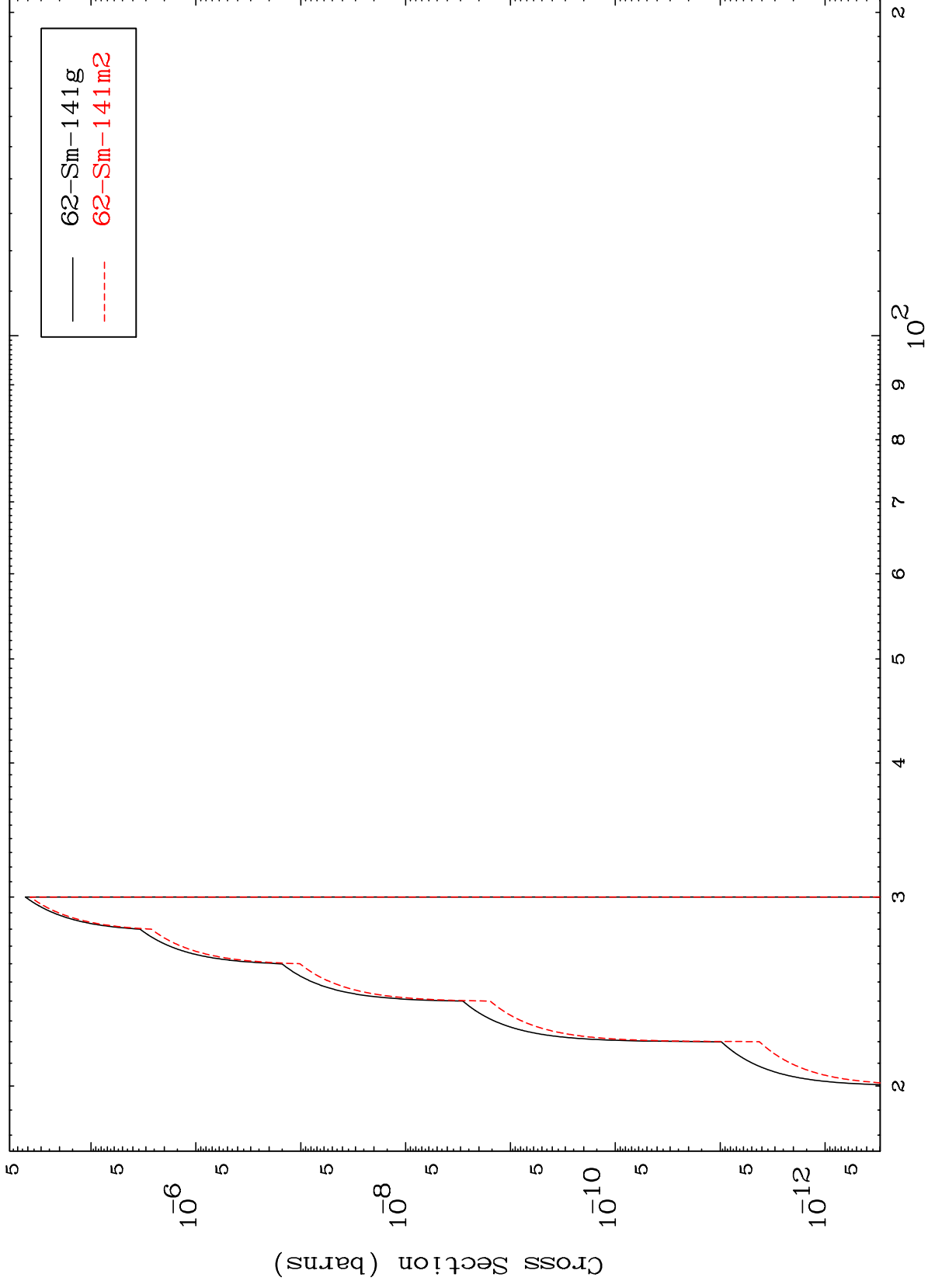
64-Gd-146

MAT 6407

(n,n') p  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



17

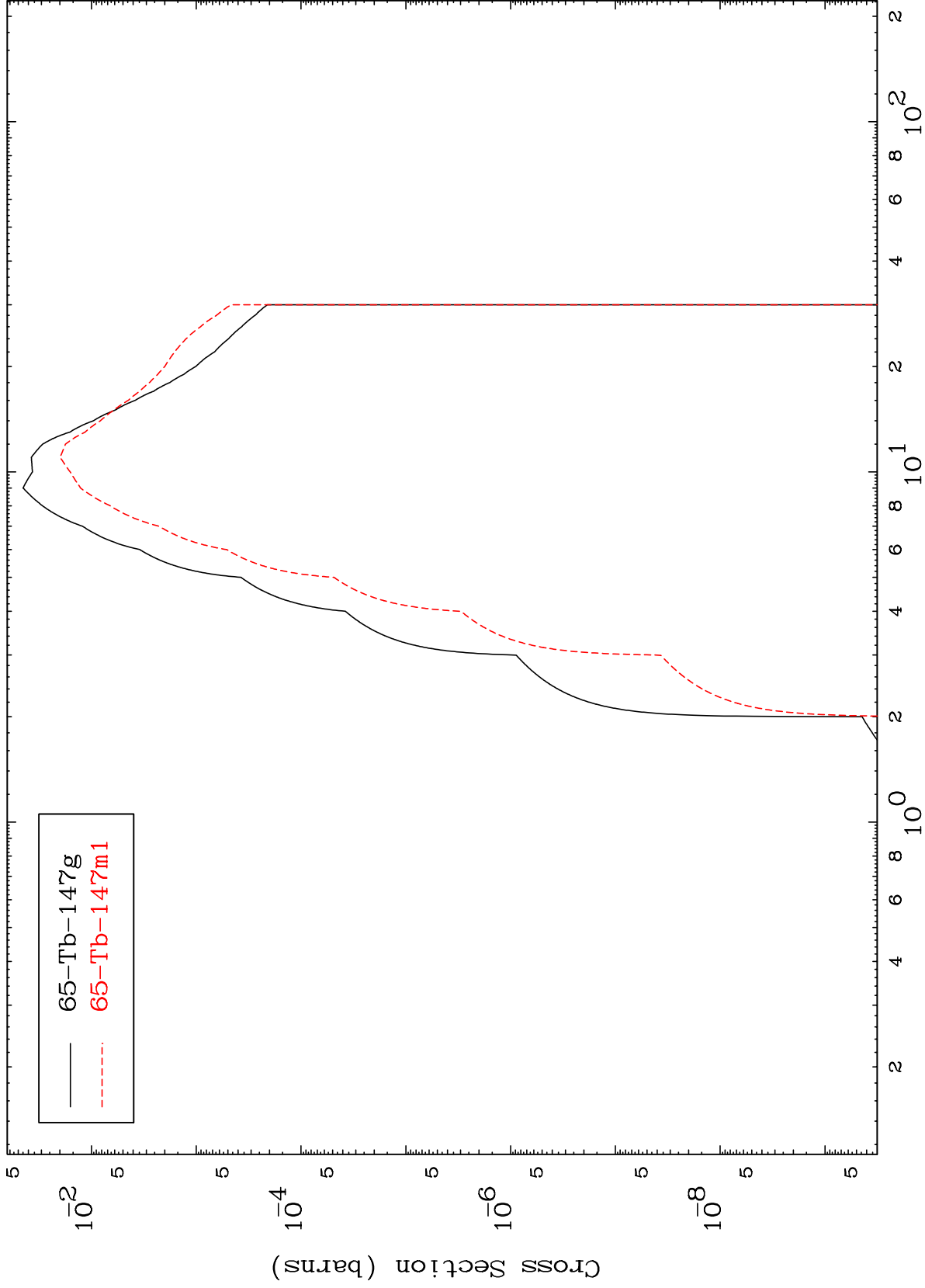
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(n,  $\gamma$ )  
Radionuclide Production Cross Section



18

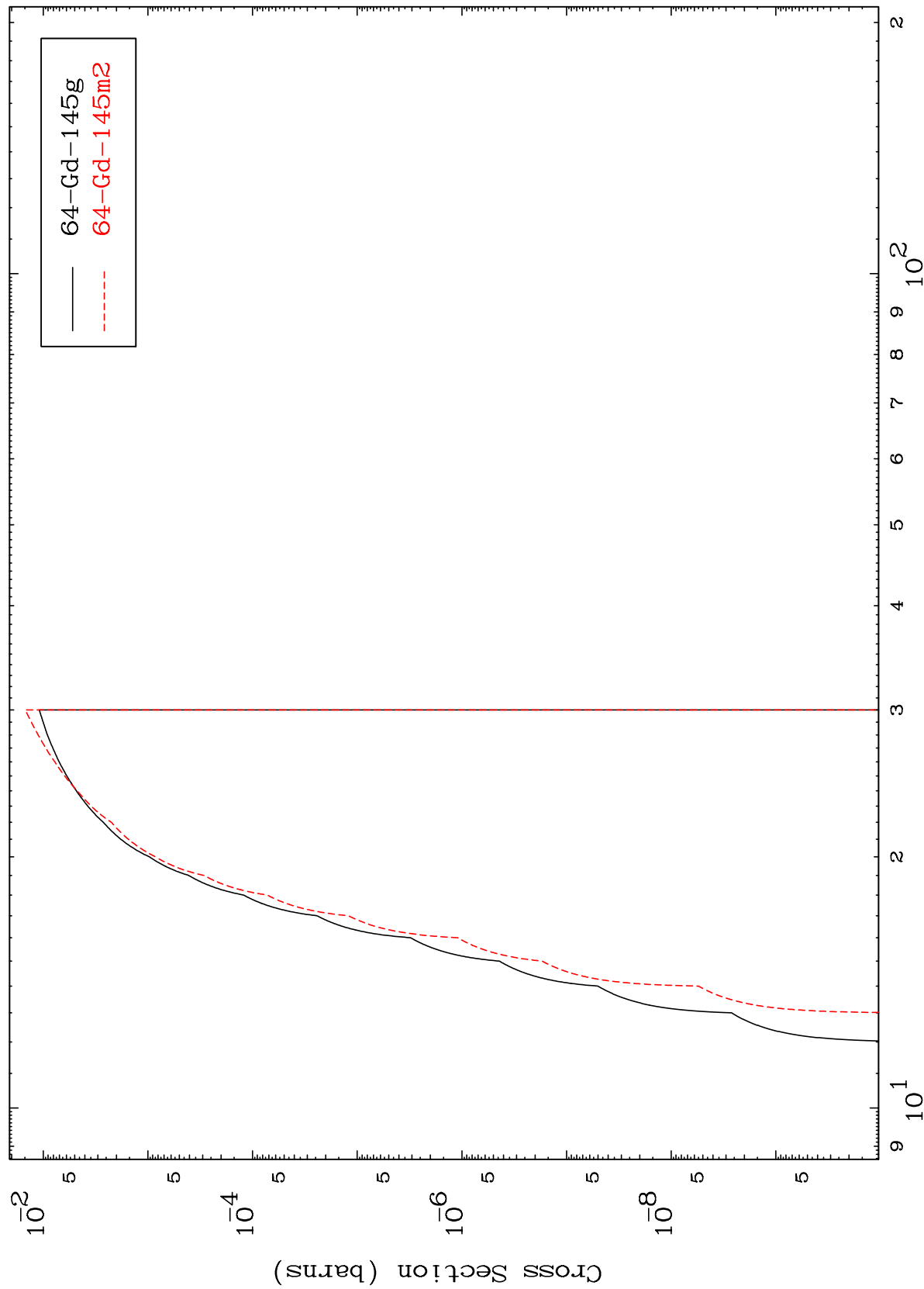
64-Gd-146

Incident Energy (MeV)

MAT 6407

64-Gd-146

(n,d)  
Radionuclide Production Cross Section



64-Gd-146

Incident Energy (MeV)

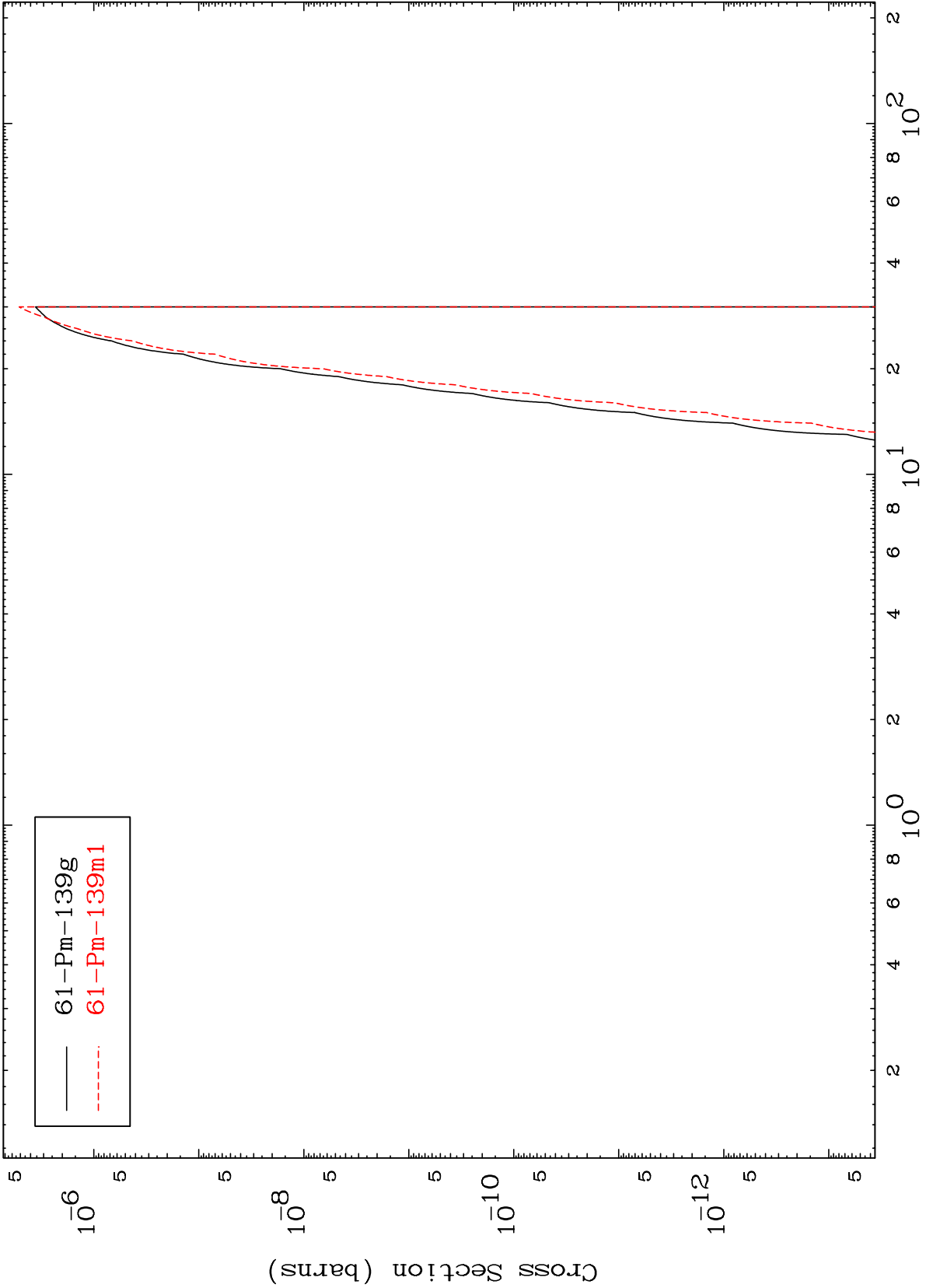
19

MAT 6407

(n,2α)

64-Gd-146

Radionuclide Production Cross Section



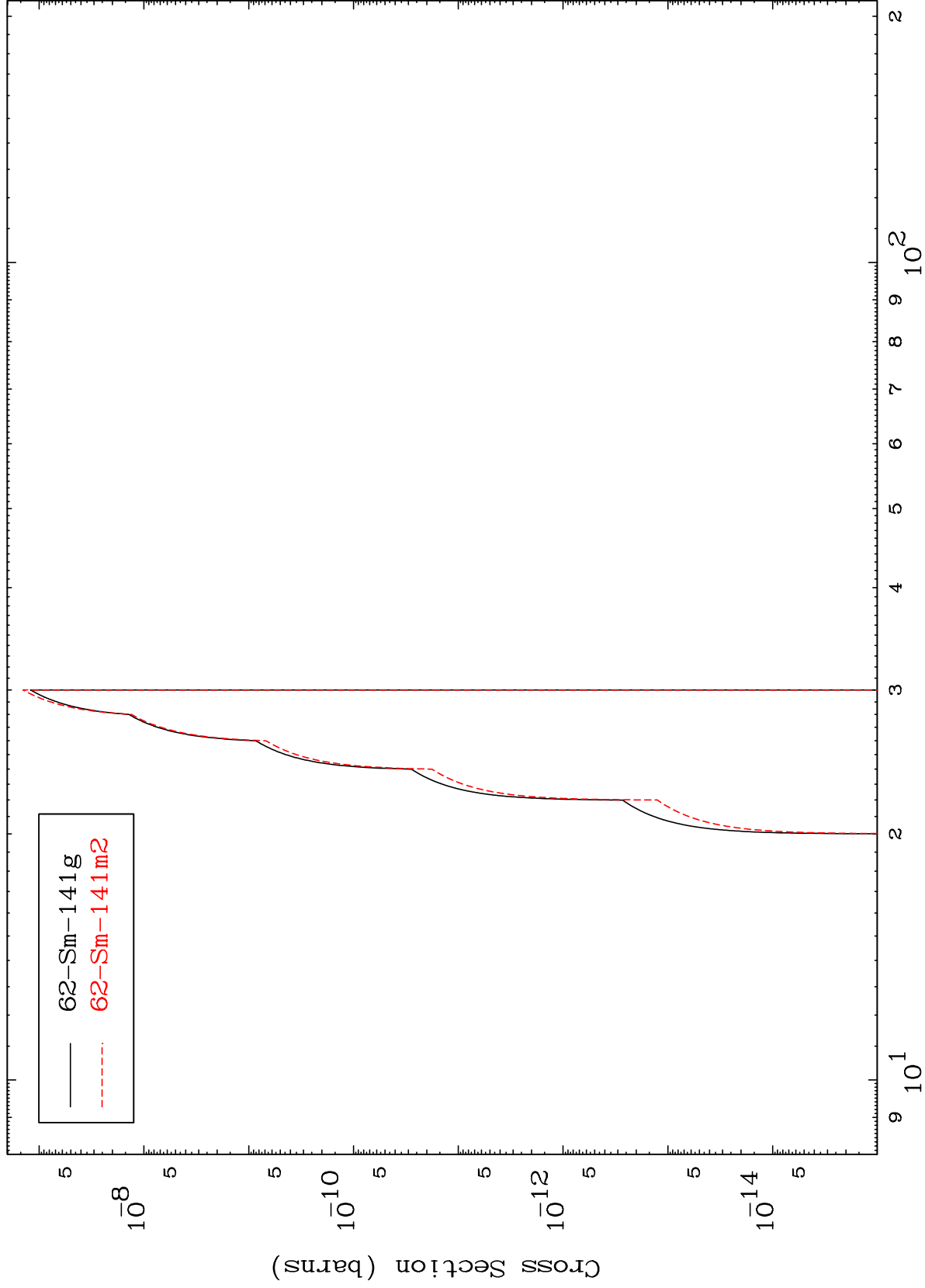
61-Pm-139g  
61-Pm-139m1

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(n,d)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



21

Incident Energy (MeV)

64-Gd-146