

Program EVALPLOT  
(Version 2021-1)

by

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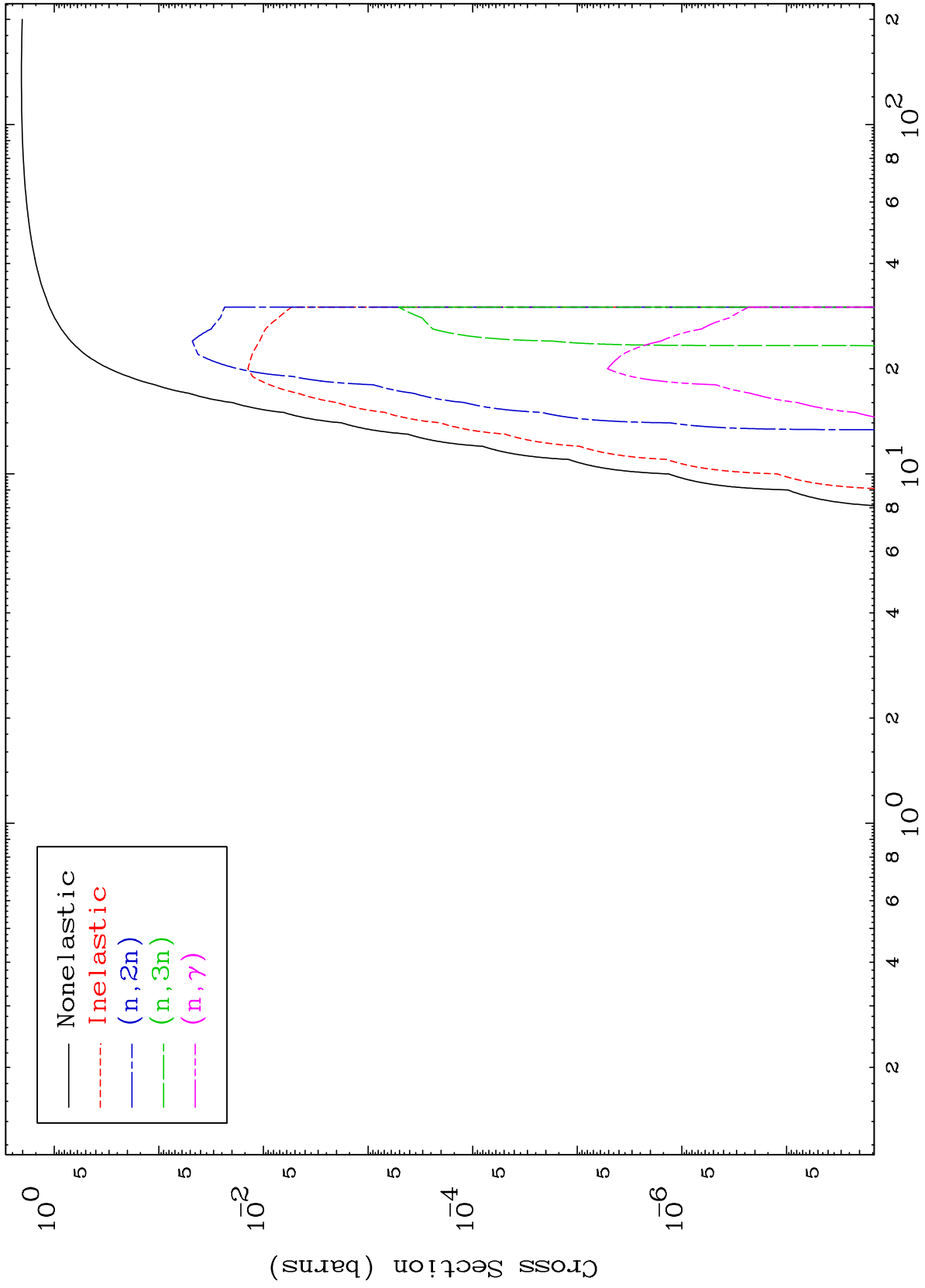
Press Mouse Button to Start

MAT 6407

He-3 Major

64-Gd-146

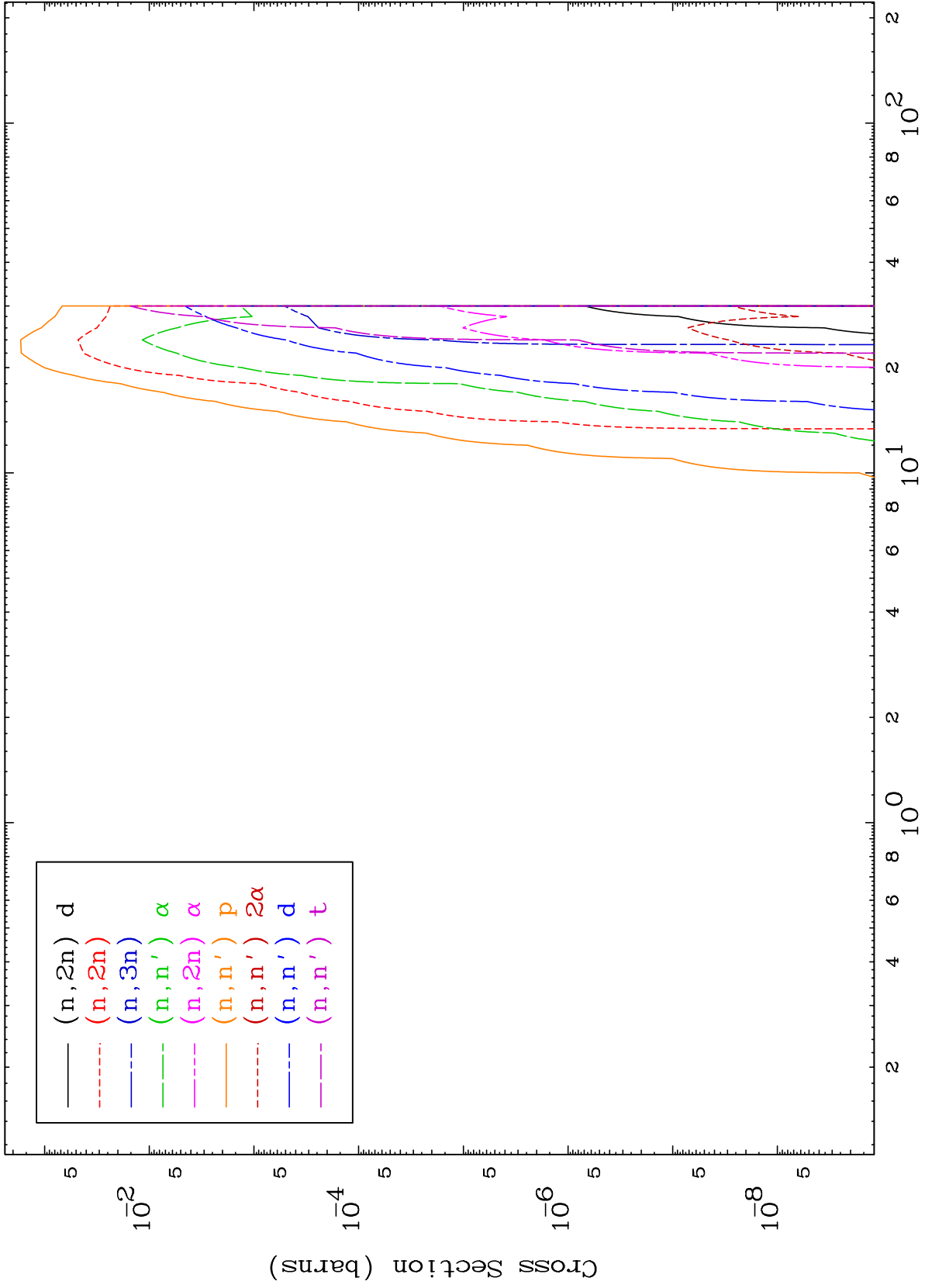
0 Kelvin Cross Sections



MAT 6407

He-3 Neutron Absorption  
0 Kelvin Cross Sections

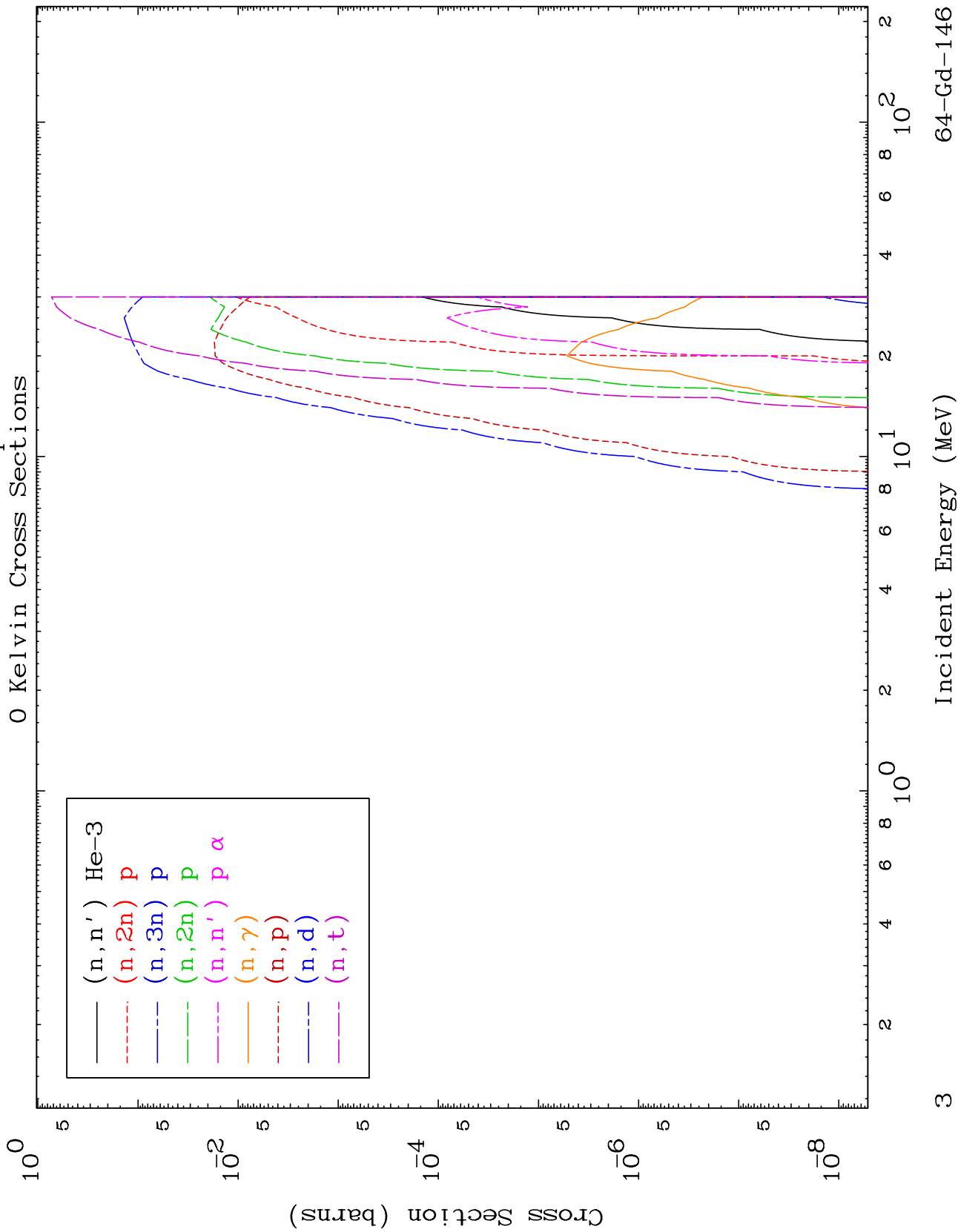
64-Gd-146



MAT 6407

He-3 Neutron Absorption  
0 Kelvin Cross Sections

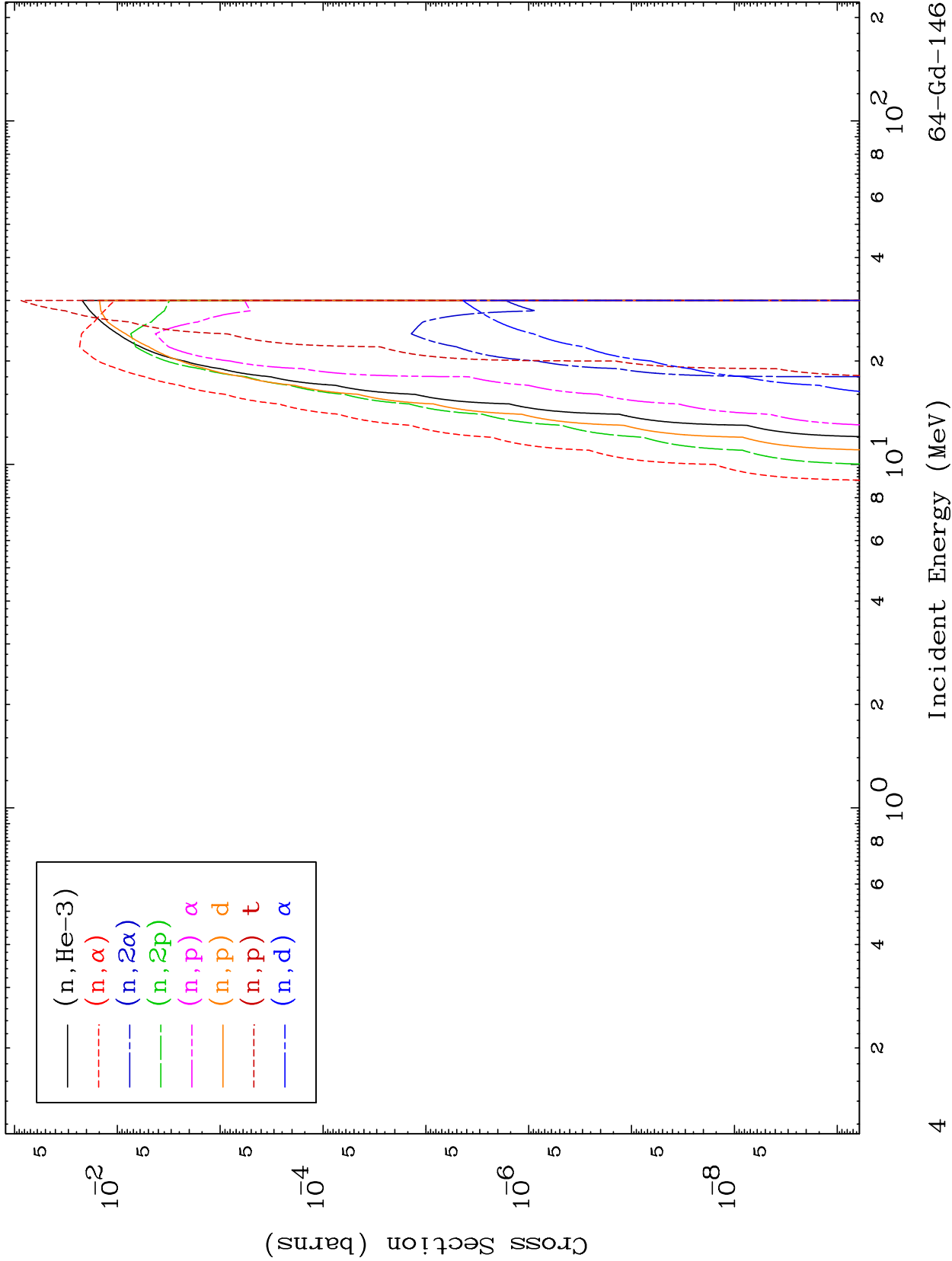
64-Gd-146



MAT 6407

He-3 Neutron Absorption  
0 Kelvin Cross Sections

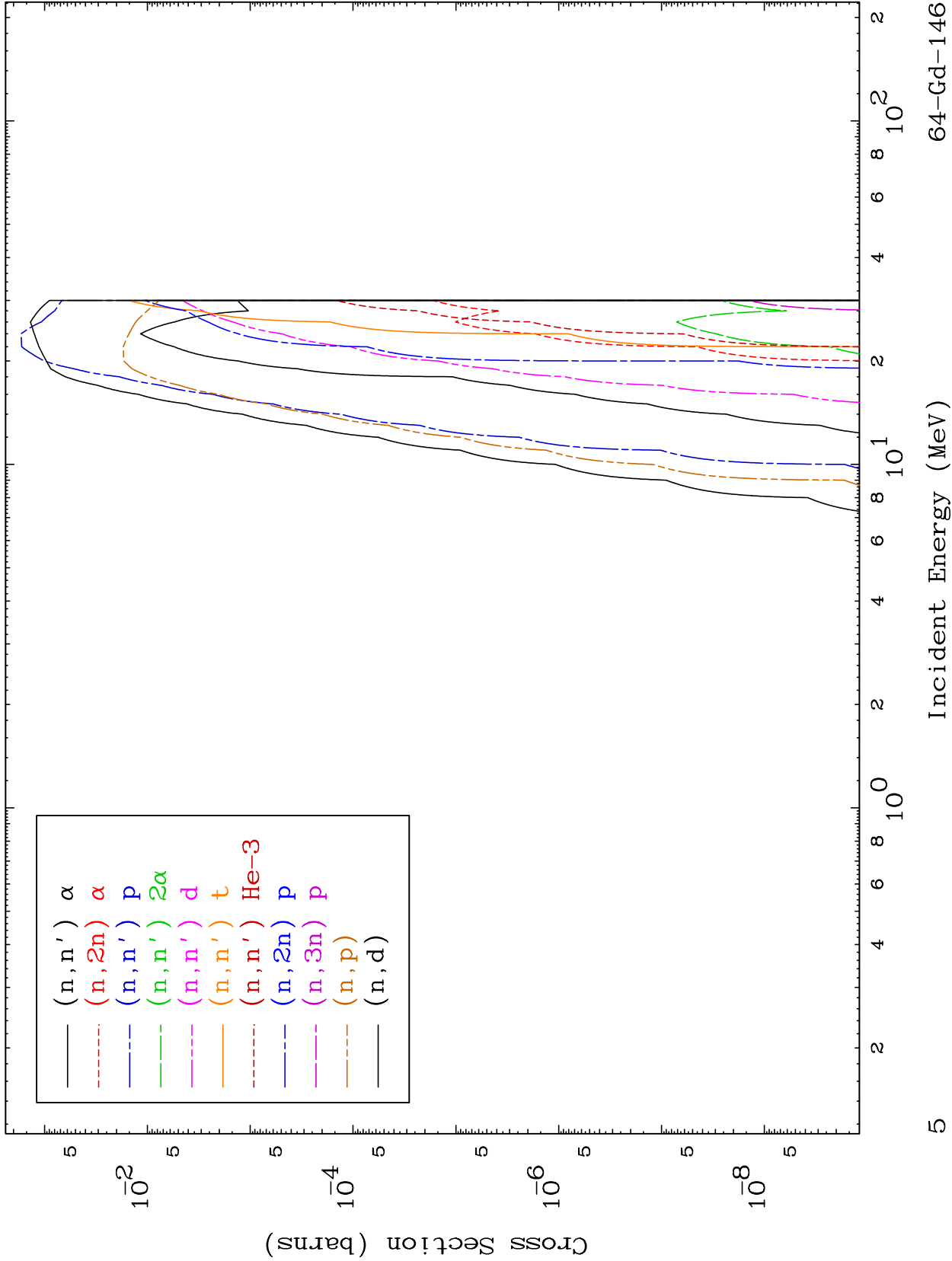
64-Gd-146



MAT 6407

He-3 Charged Particle  
0 Kelvin Cross Sections

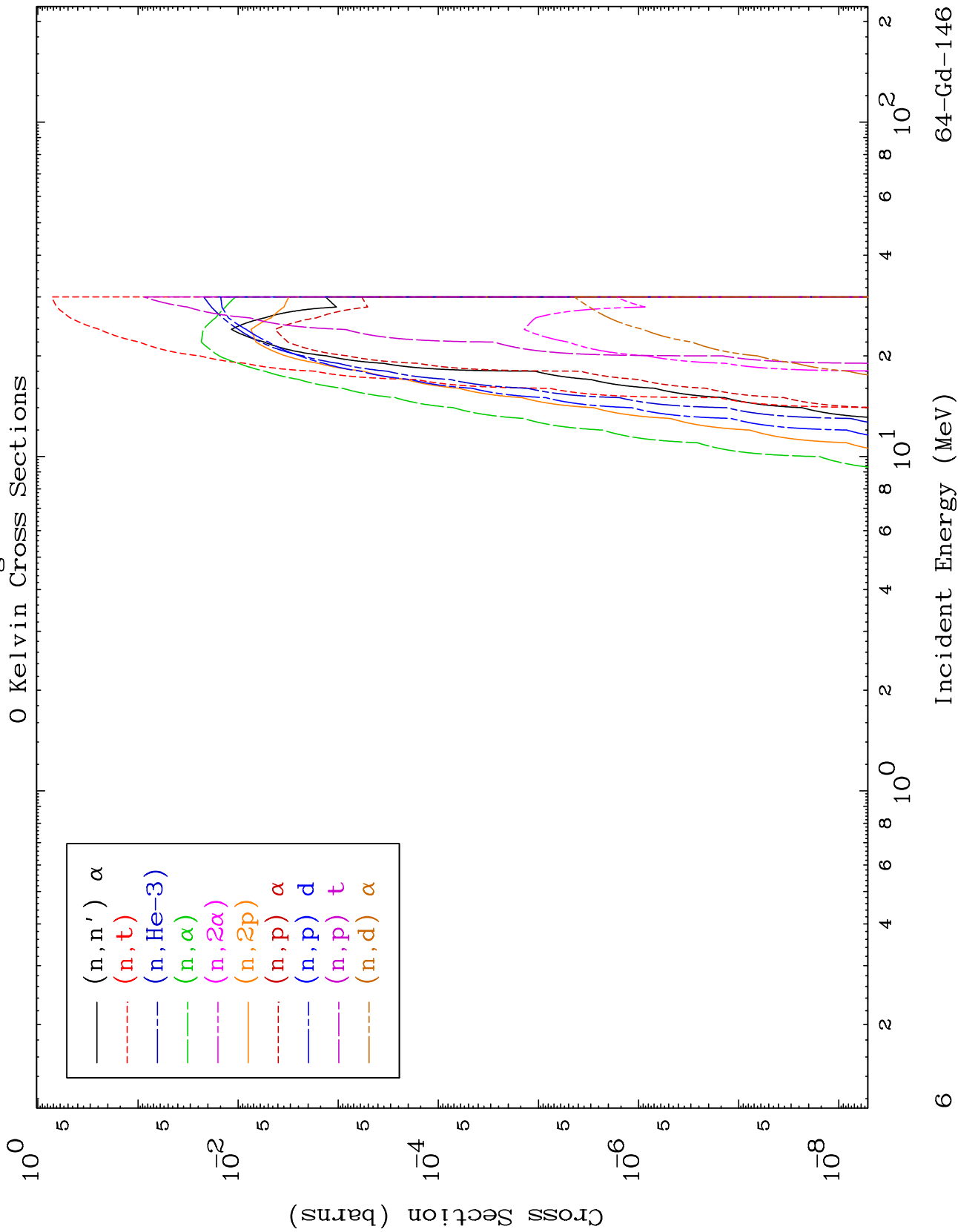
64-Gd-146



MAT 6407

He-3 Charged Particle  
0 Kelvin Cross Sections

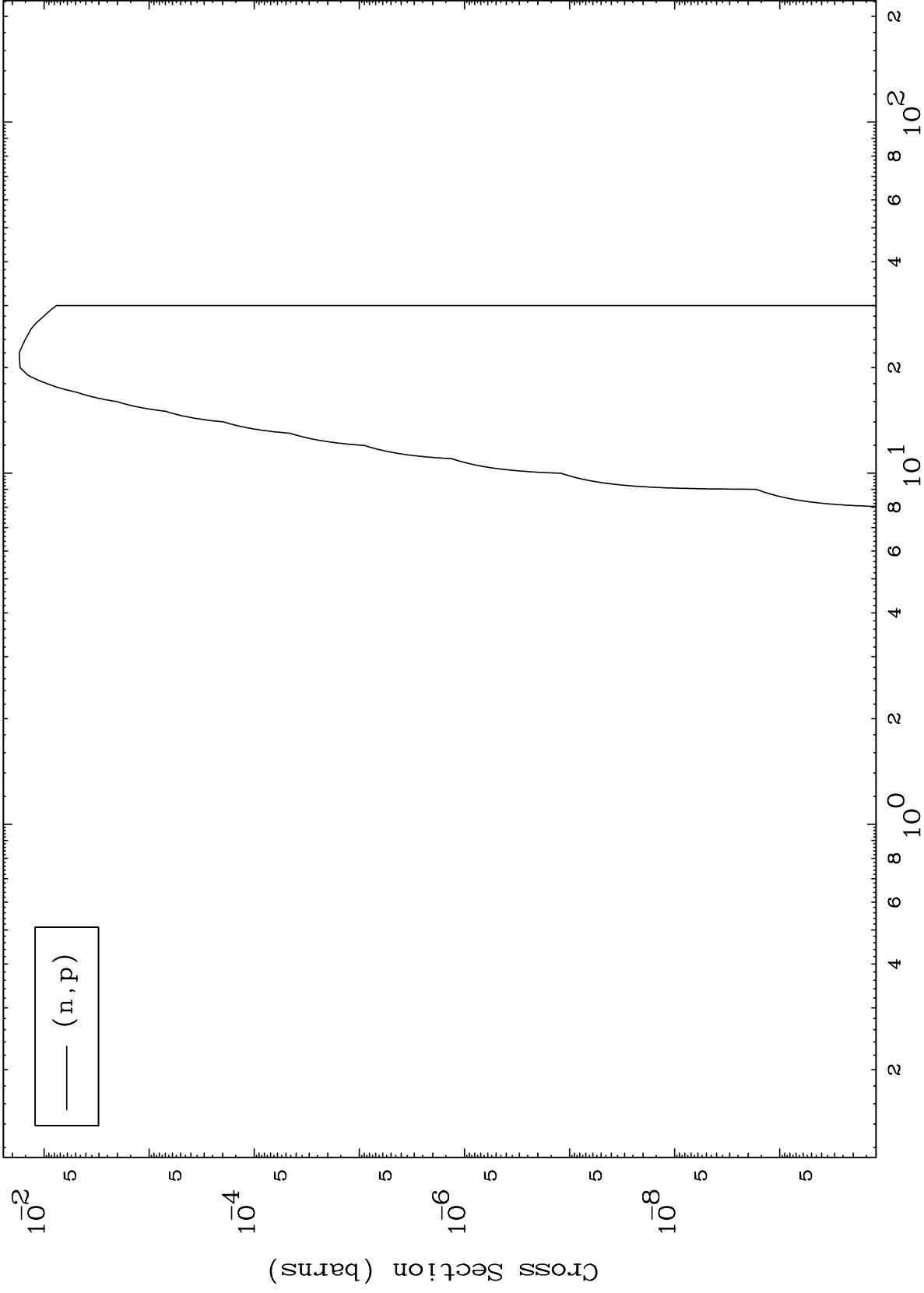
64-Gd-146



MAT 6407

(He-3,p) Levels  
0 Kelvin Cross Sections

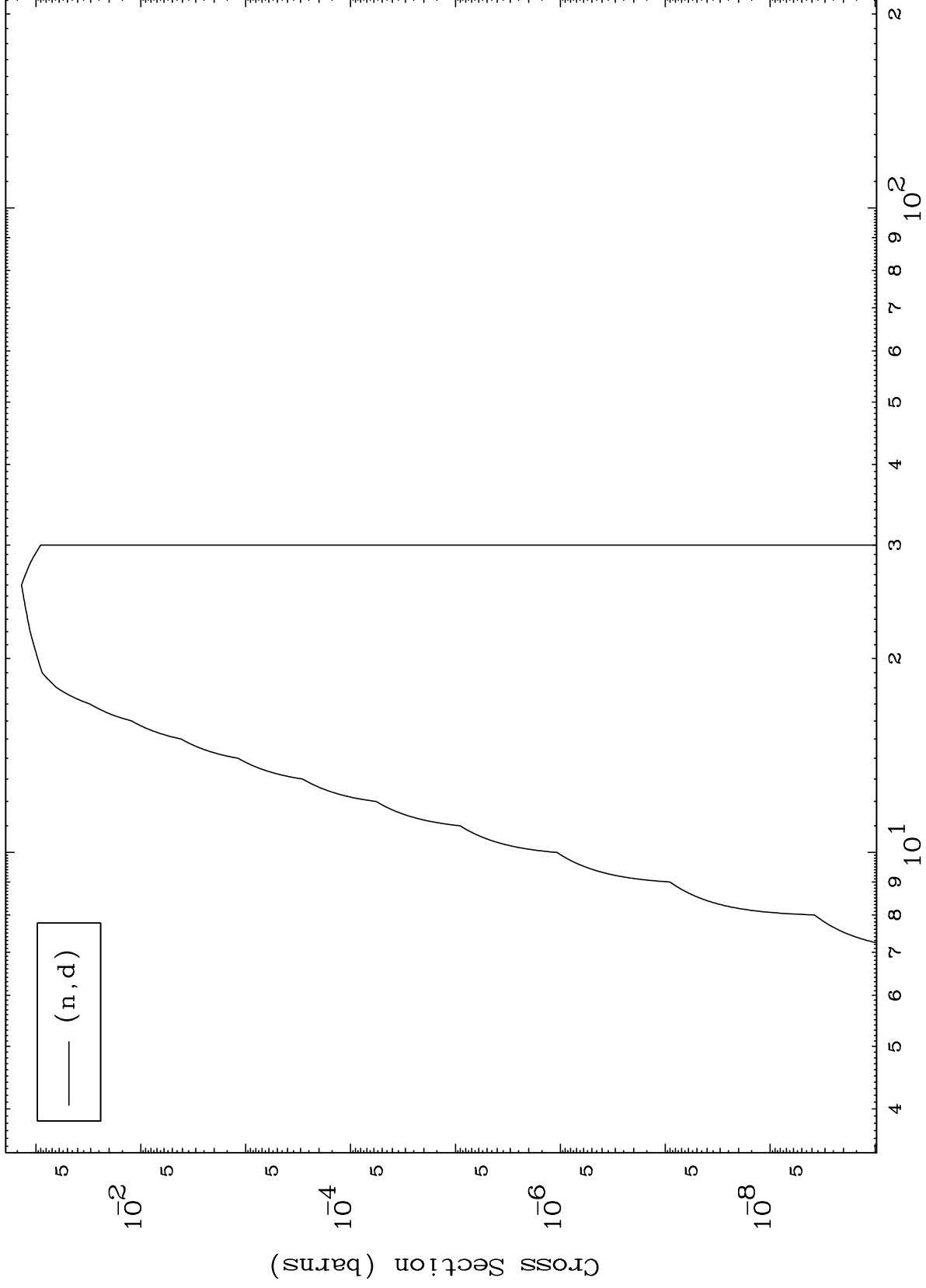
64-Gd-146



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(He-3,d) Levels  
0 Kelvin Cross Sections

64-Gd-146



8

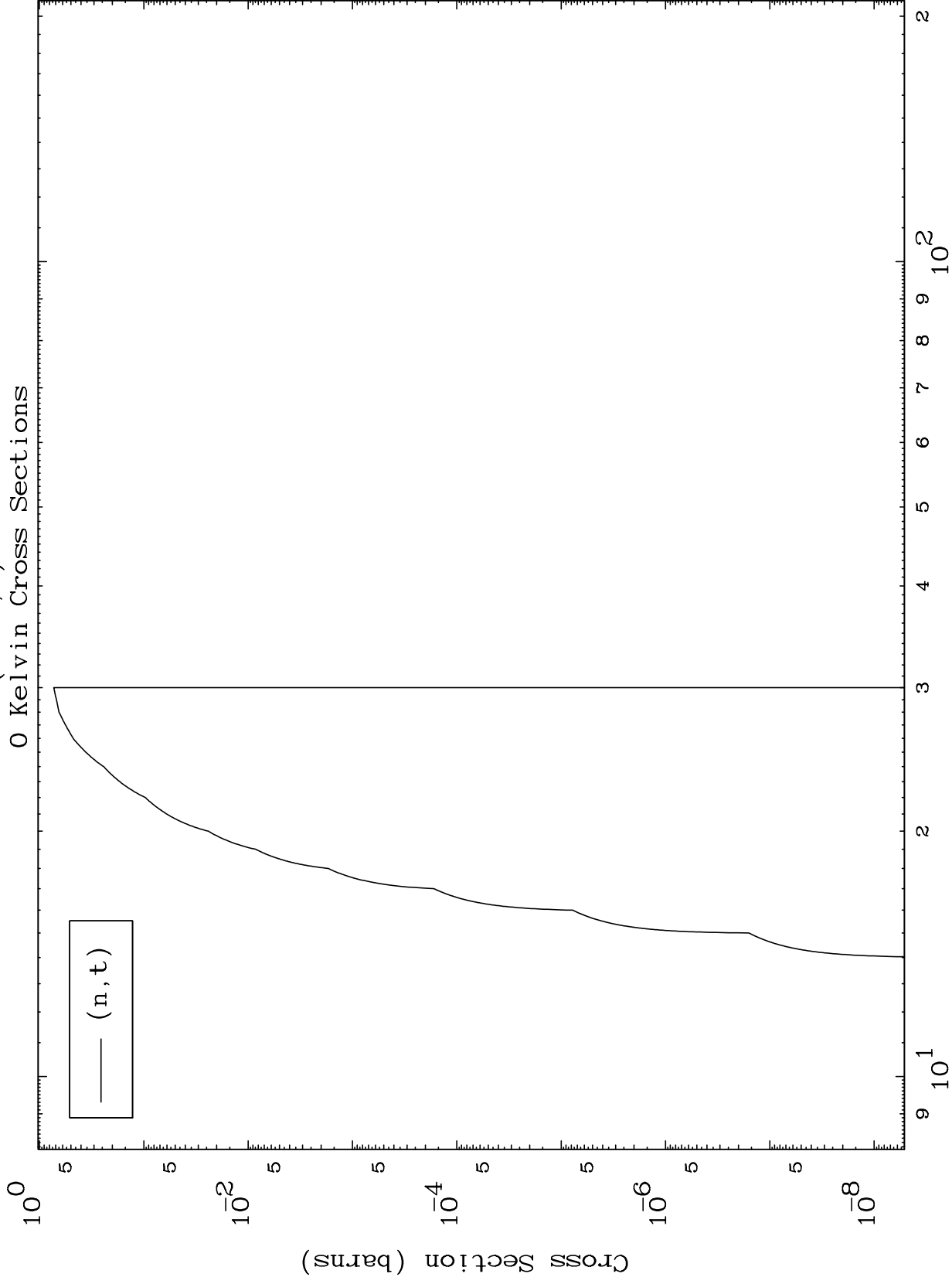
Incident Energy (MeV)

64-Gd-146

MAT 6407

(He-3,t) Levels

64-Gd-146



9

Incident Energy (MeV)

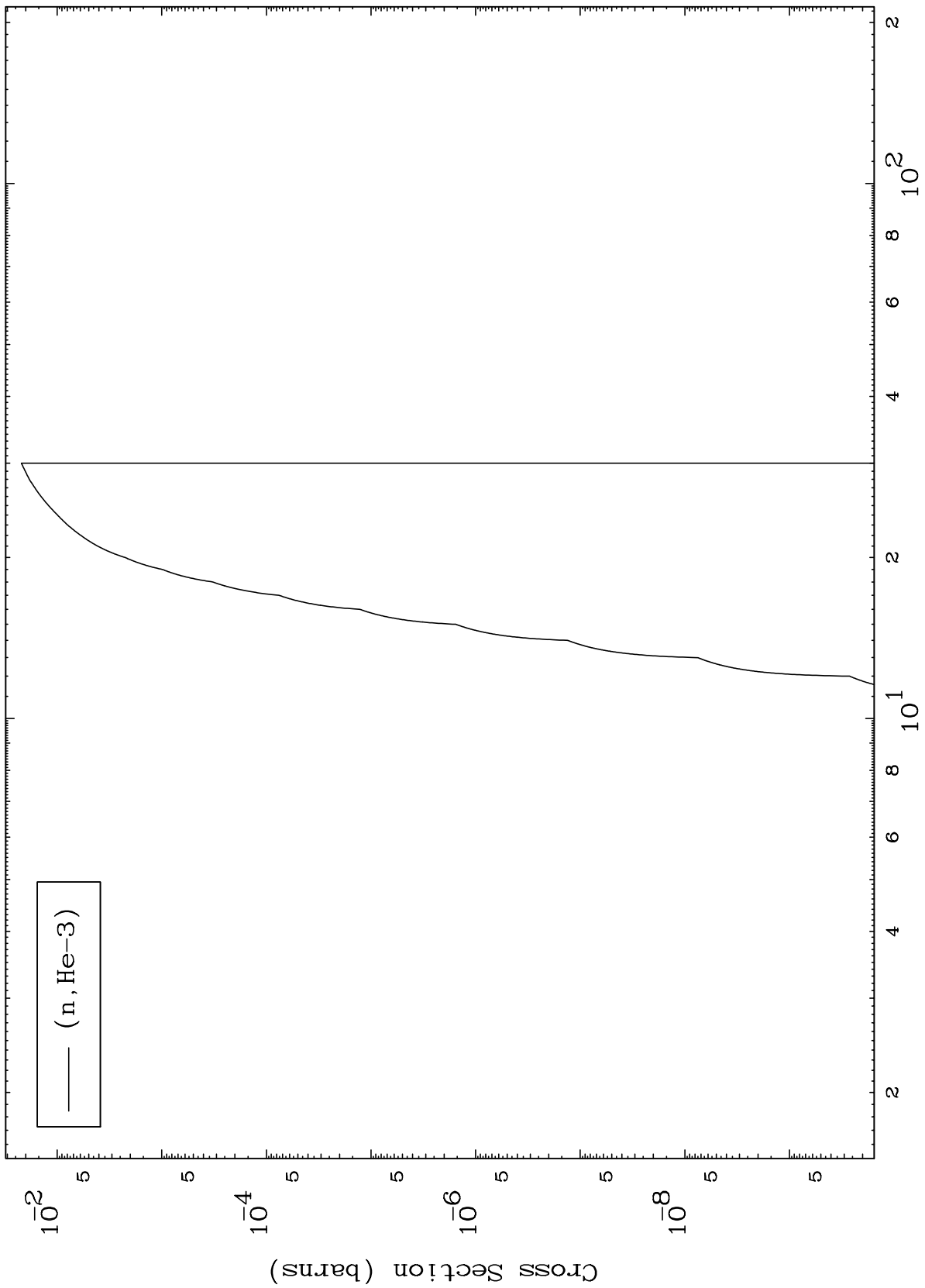
64-Gd-146

MAT 6407

(He-3, He3) Levels

64-Gd-146

0 Kelvin Cross Sections



10

Incident Energy (MeV)

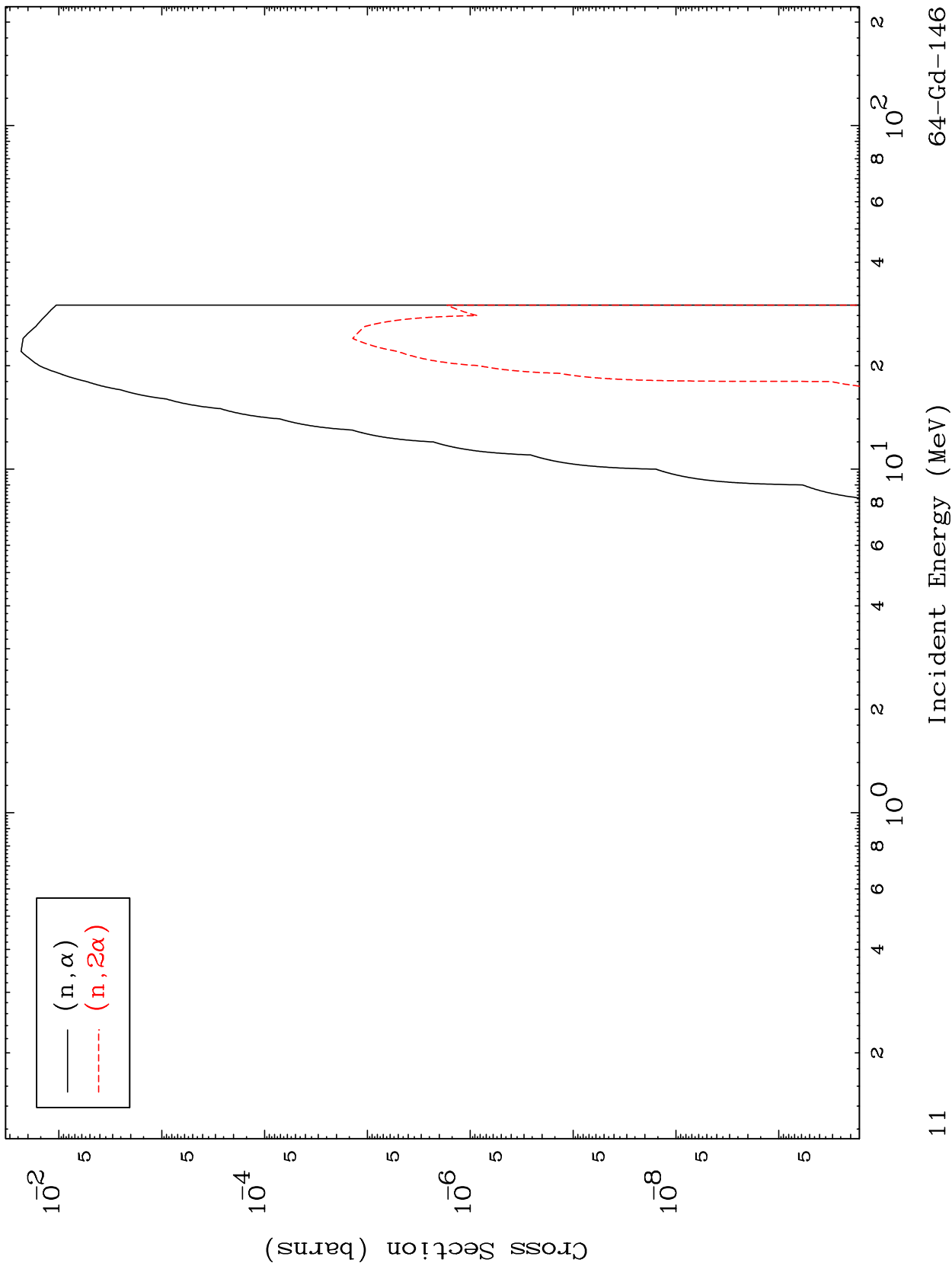
64-Gd-146

MAT 6407

(He-3,  $\alpha$ ) Levels

64-Gd-146

0 Kelvin Cross Sections

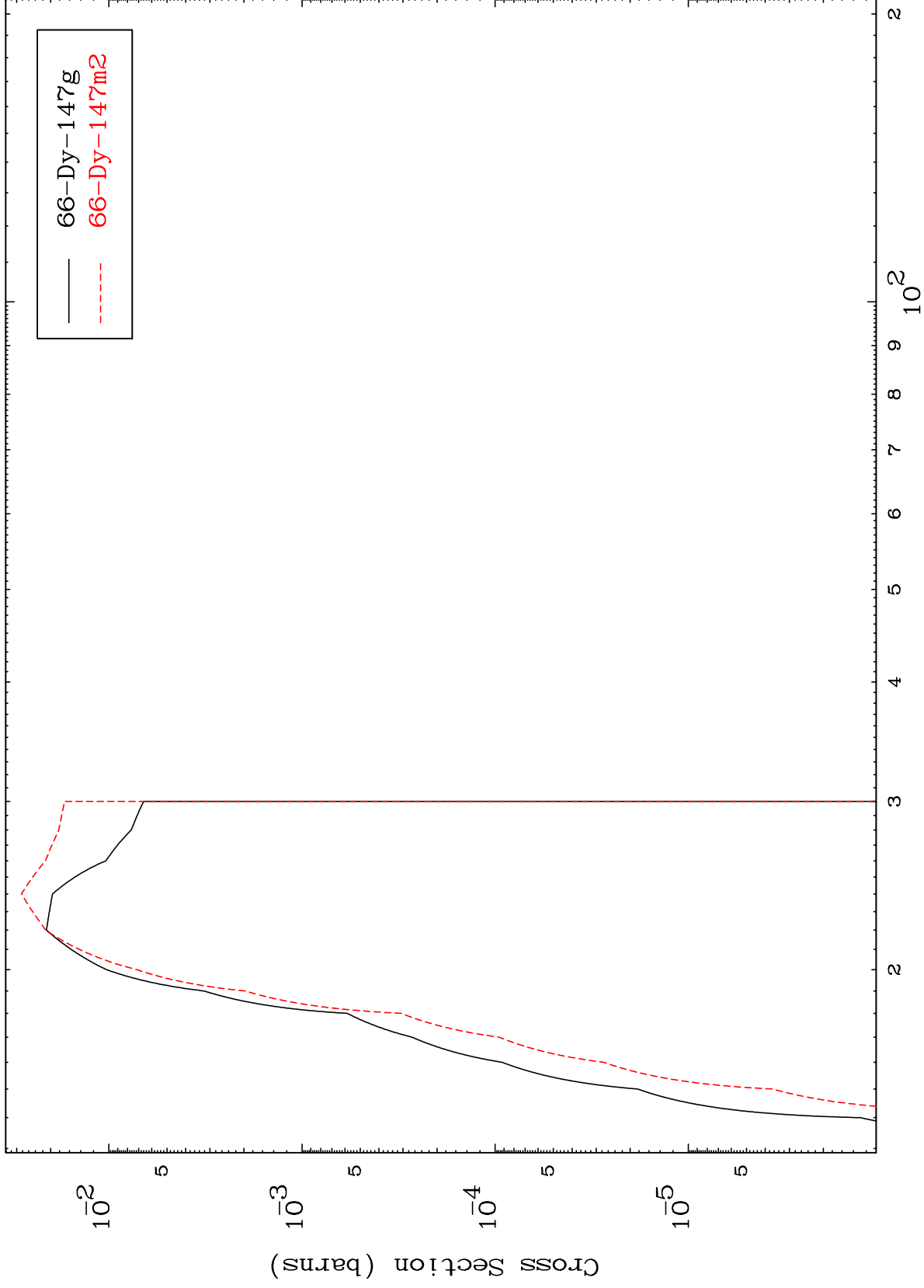


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(n,2n)

64-Gd-146

Radionuclide Production Cross Section



12

Incident Energy (MeV)

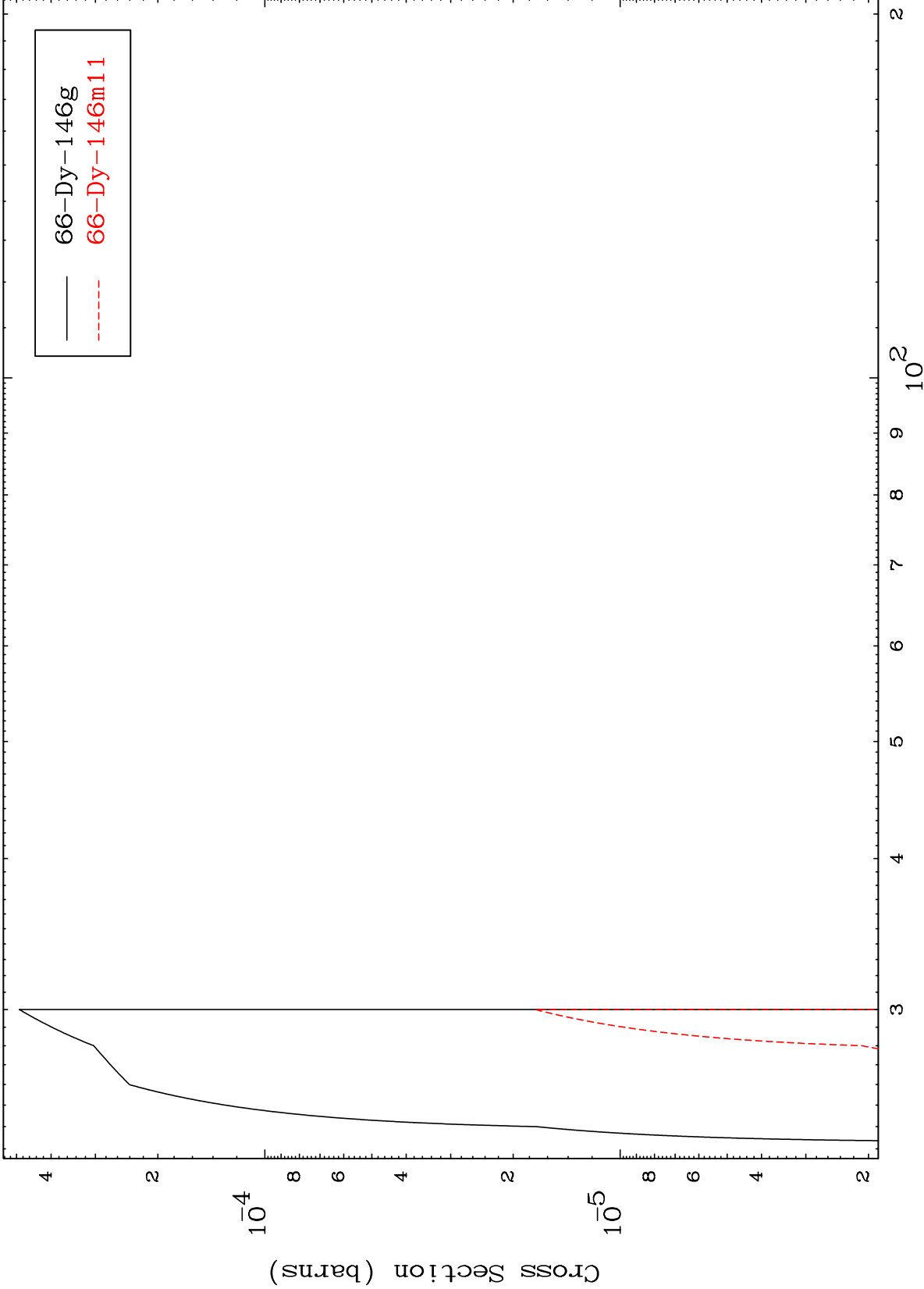
64-Gd-146

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(n,3n)

64-Gd-146

Radionuclide Production Cross Section

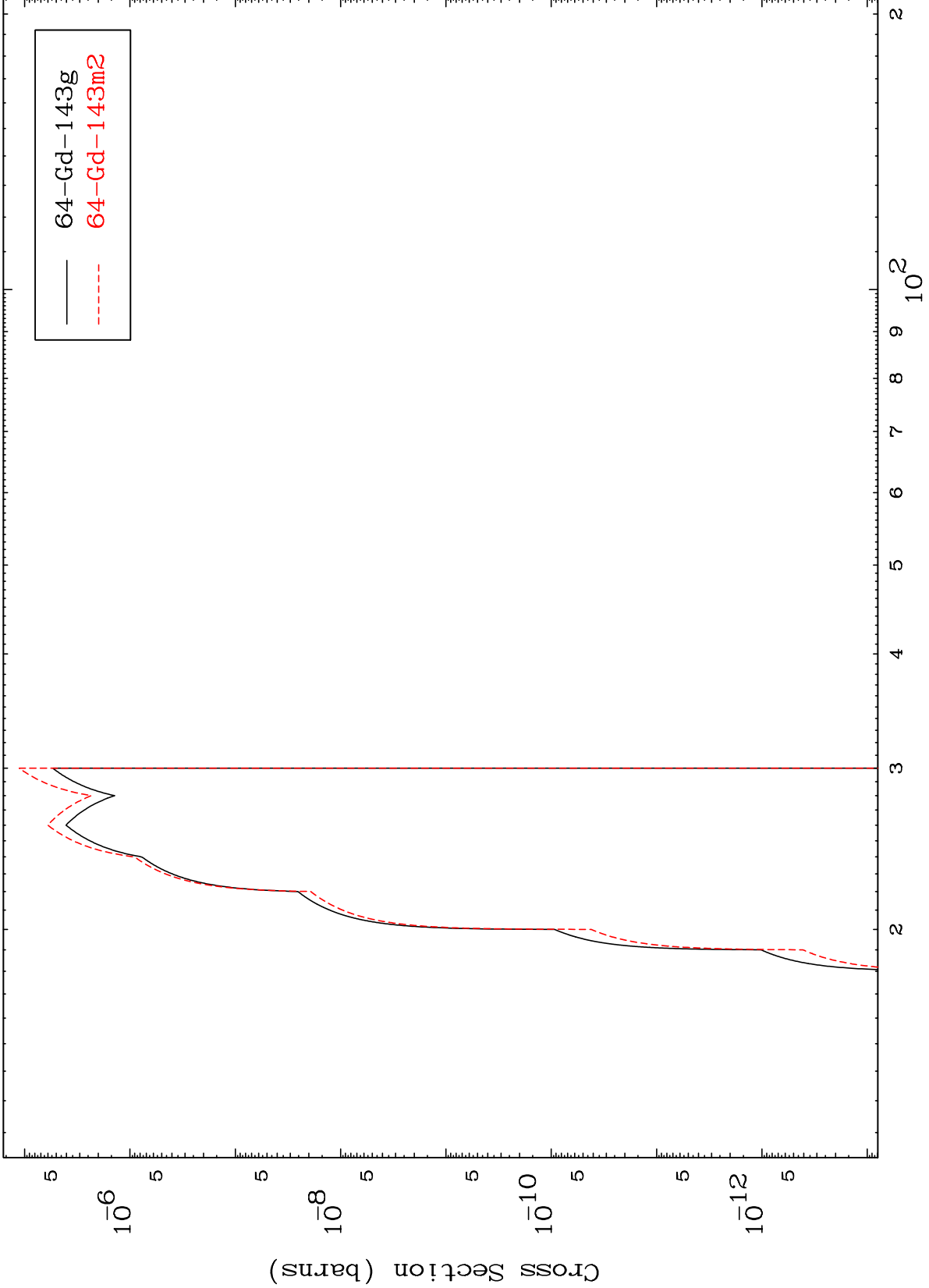


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(n,2n)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



64-Gd-143g  
64-Gd-143m2

14

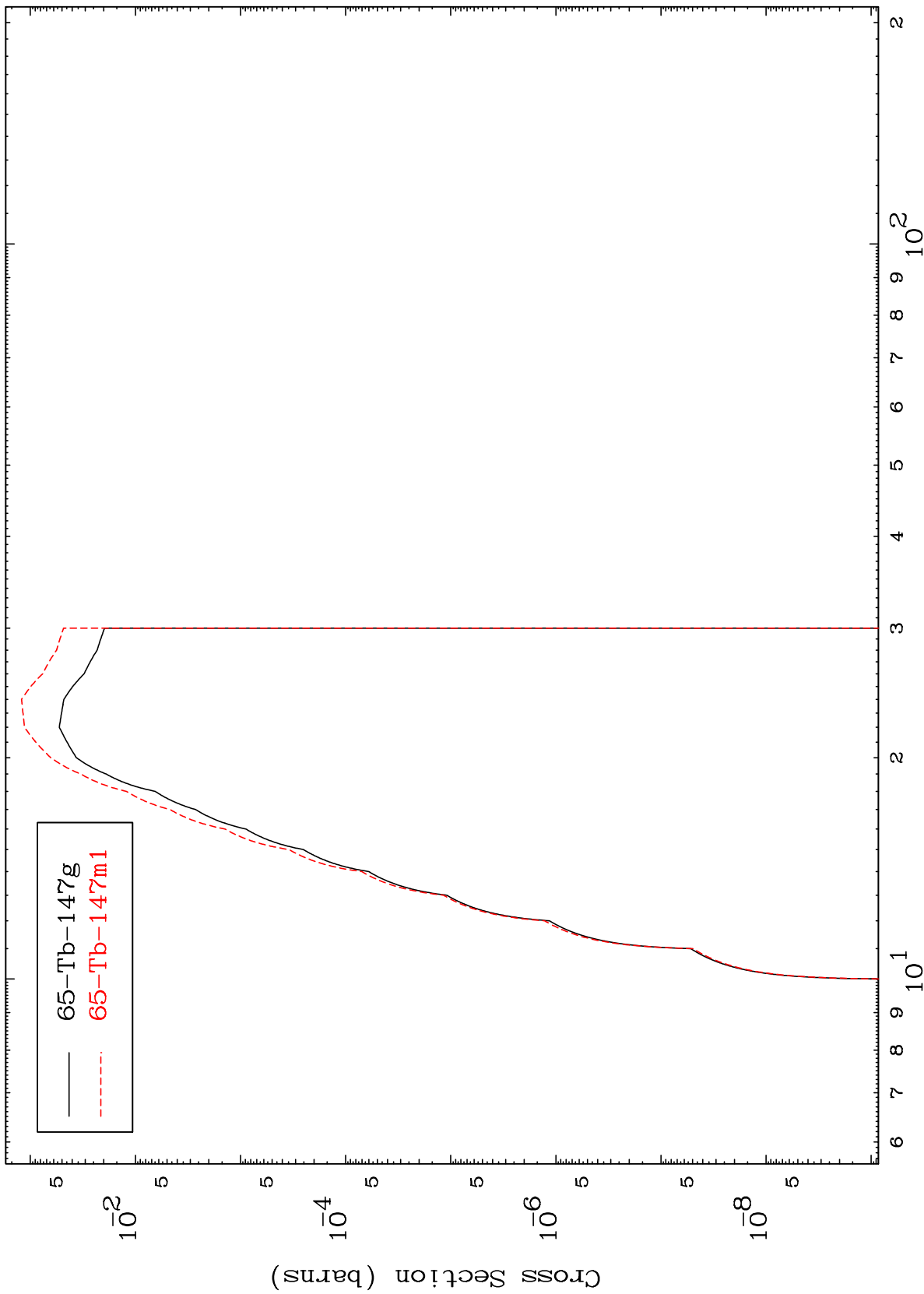
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(n,n') p  
Radionuclide Production Cross Section



64-Gd-146

Incident Energy (MeV)

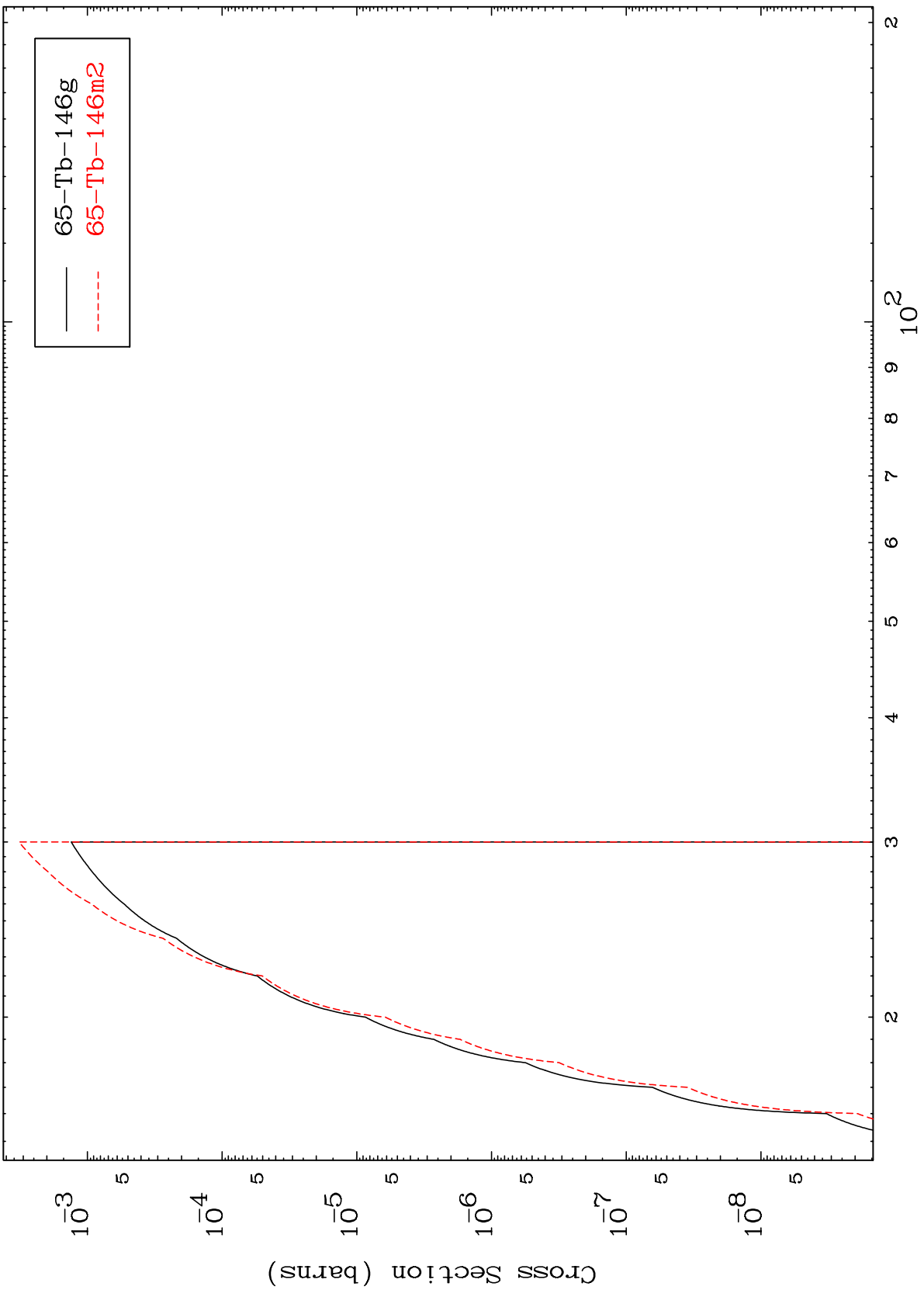
15

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(n,n') d

64-Gd-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

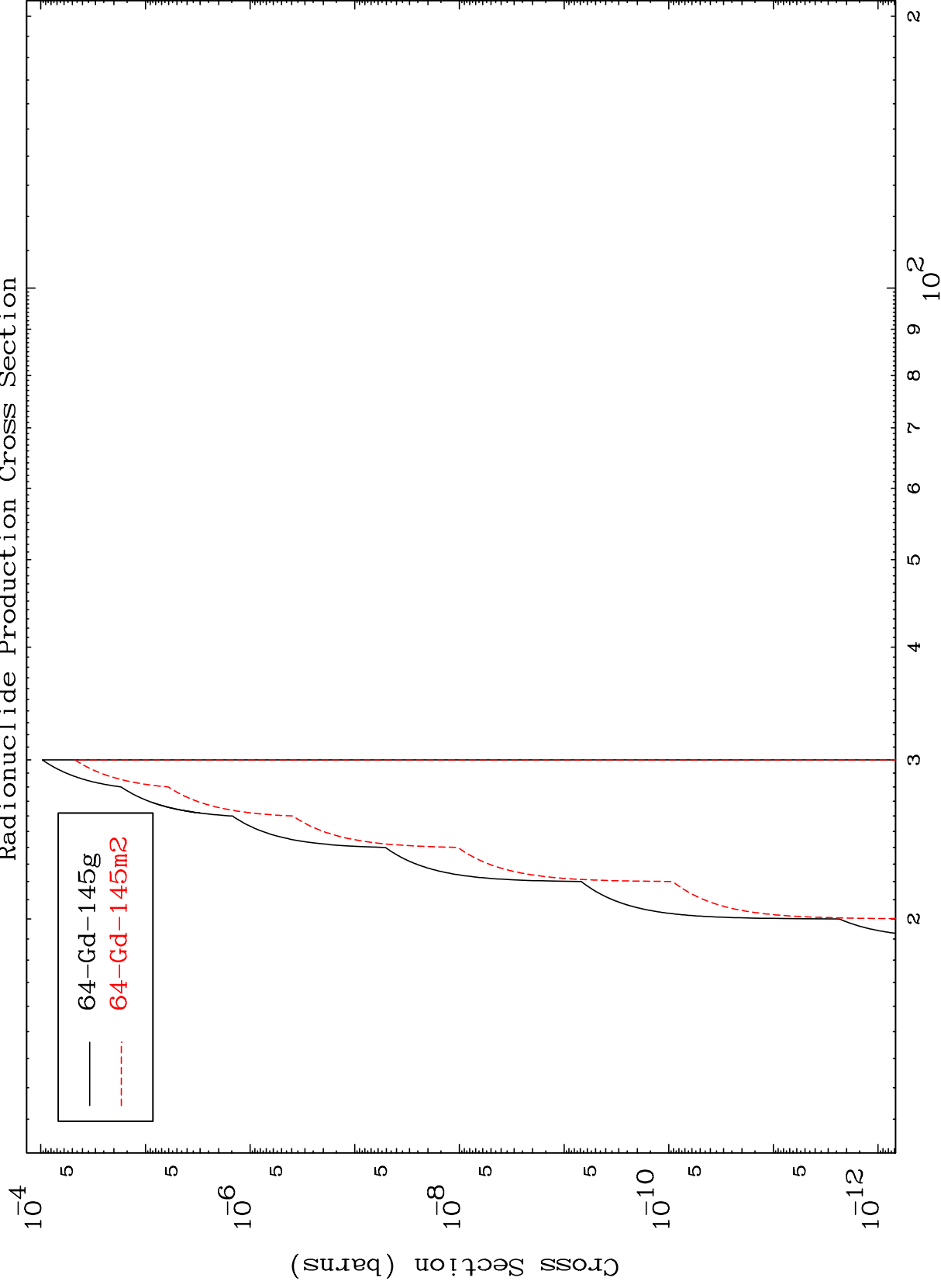
64-Gd-146

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(n,n') He-3

64-Gd-146

Radionuclide Production Cross Section



17

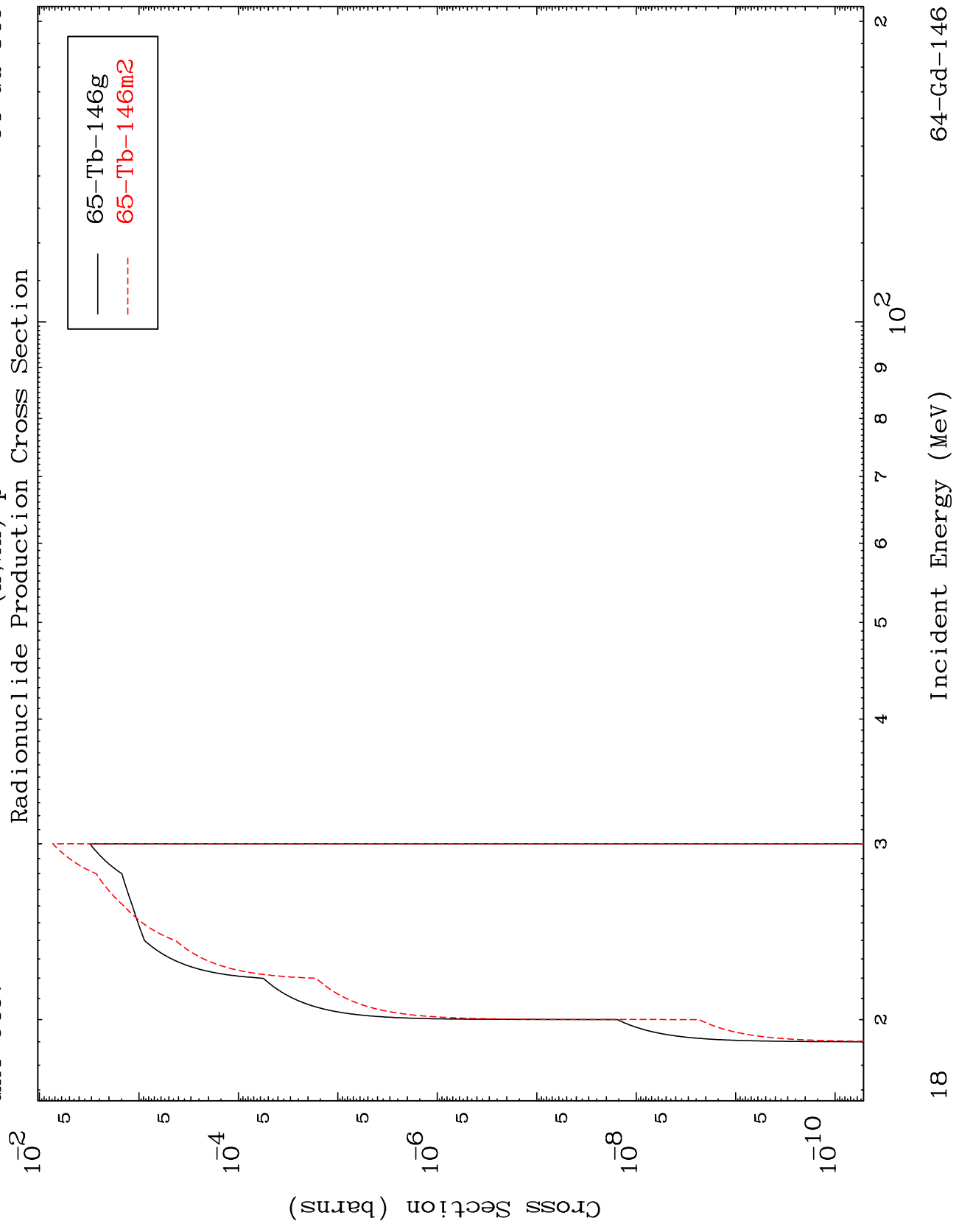
Incident Energy (MeV)

64-Gd-146

MAT 6407

(n,2n) p

64-Gd-146



18

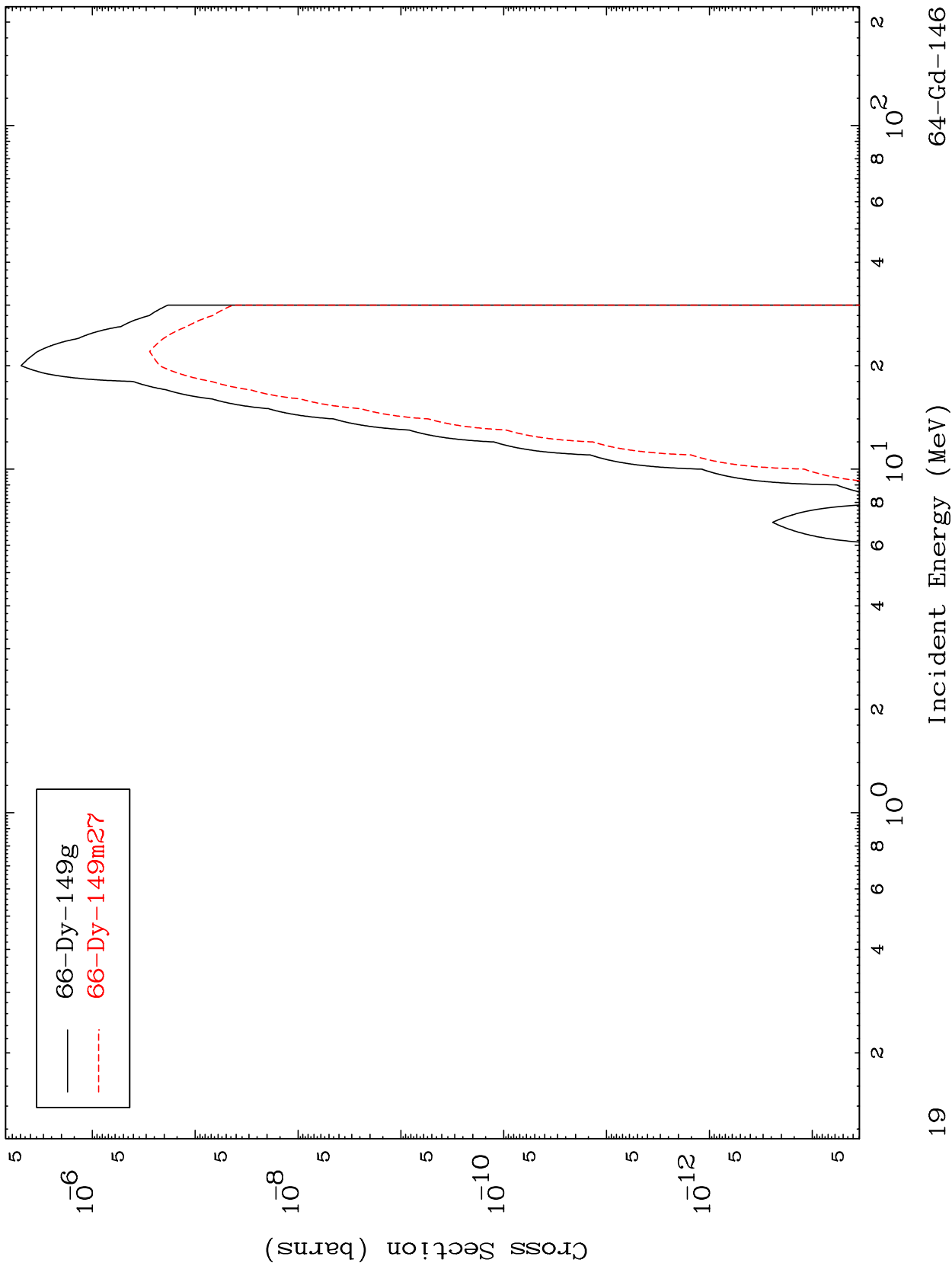
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

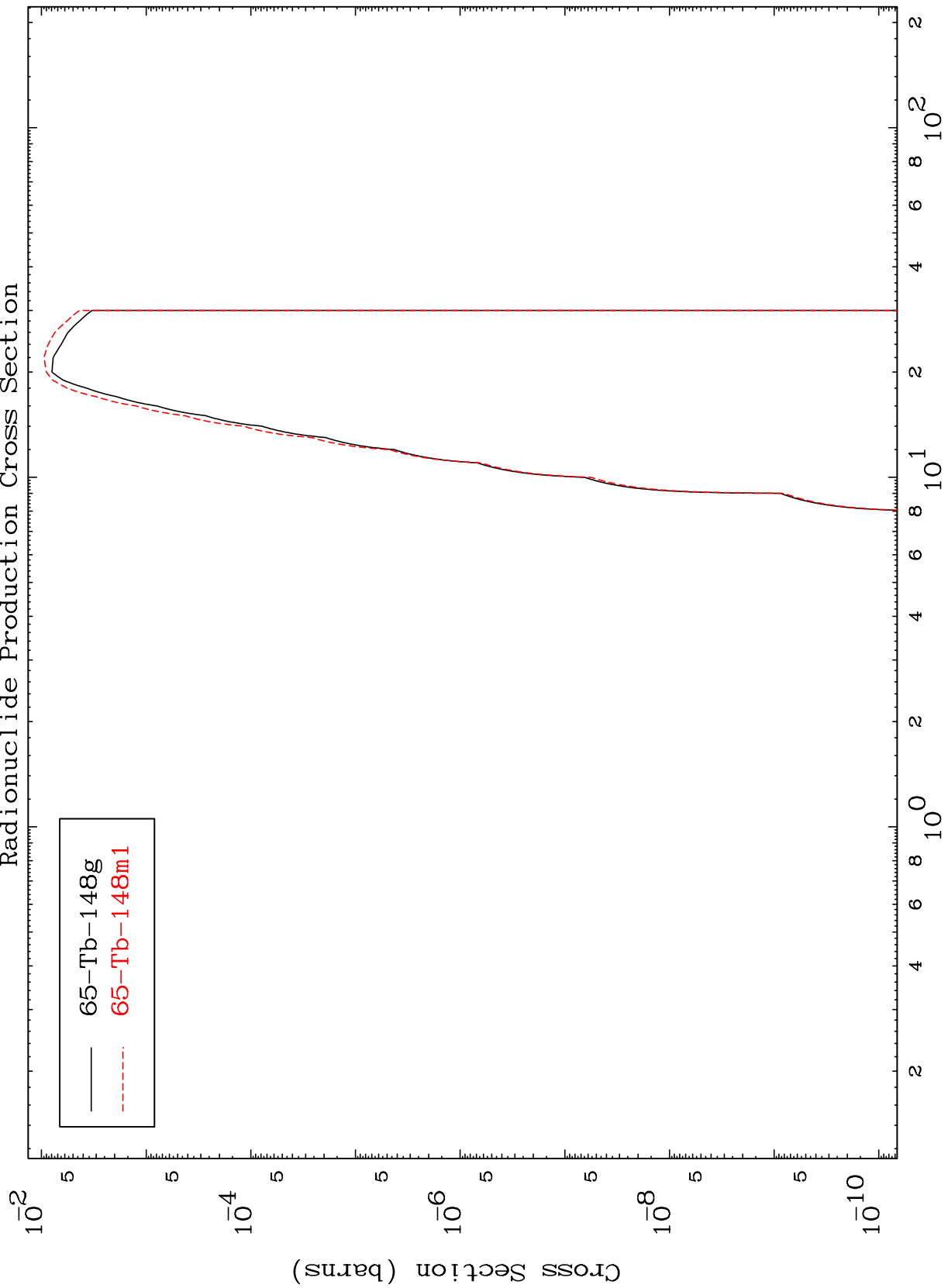
(n,  $\gamma$ )  
Radionuclide Production Cross Section



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64-Gd-146

(n,p)  
Radionuclide Production Cross Section



— 65-Tb-148g  
- - - 65-Tb-148m1

64-Gd-146

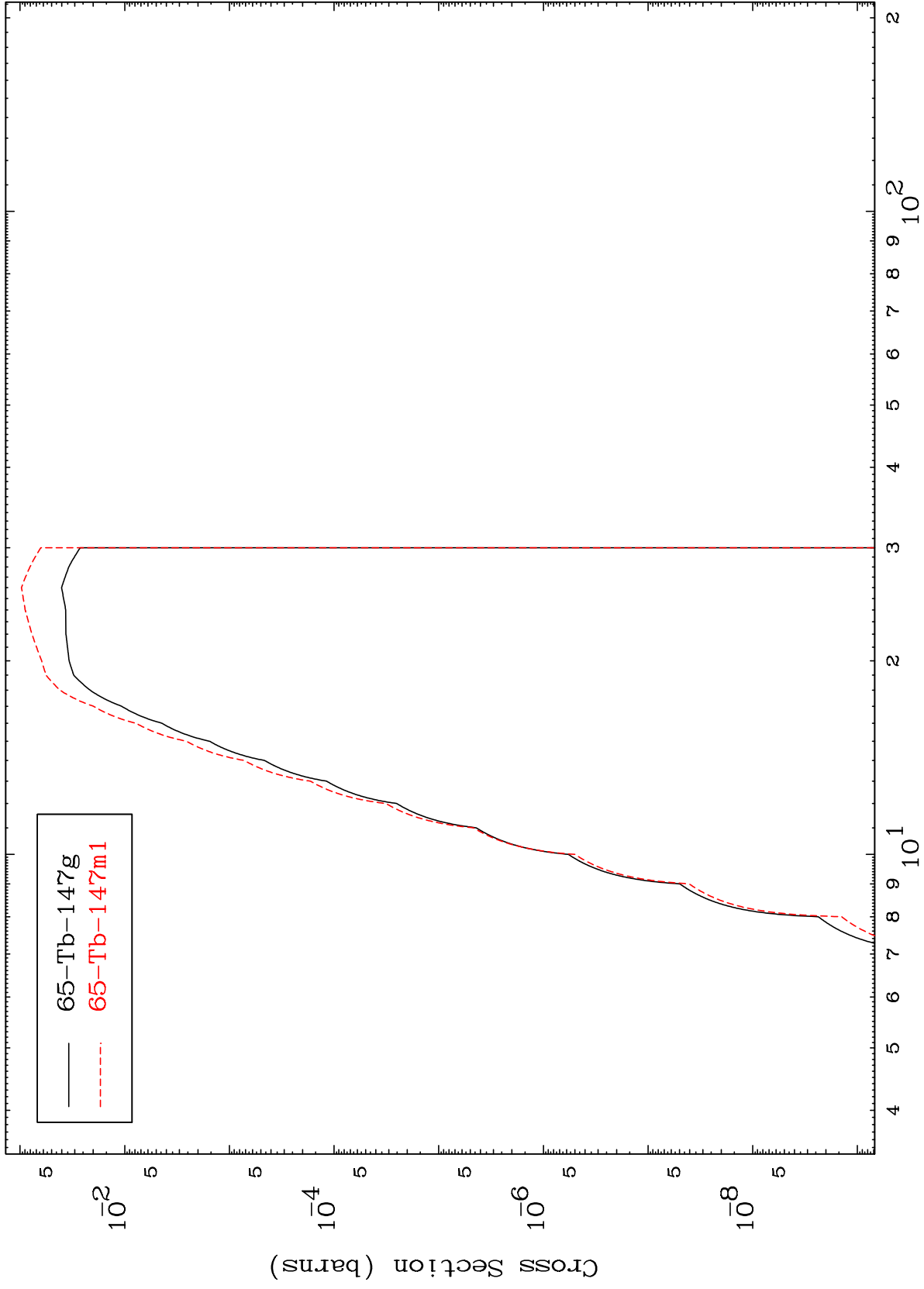
Incident Energy (MeV)

20

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64-Gd-146

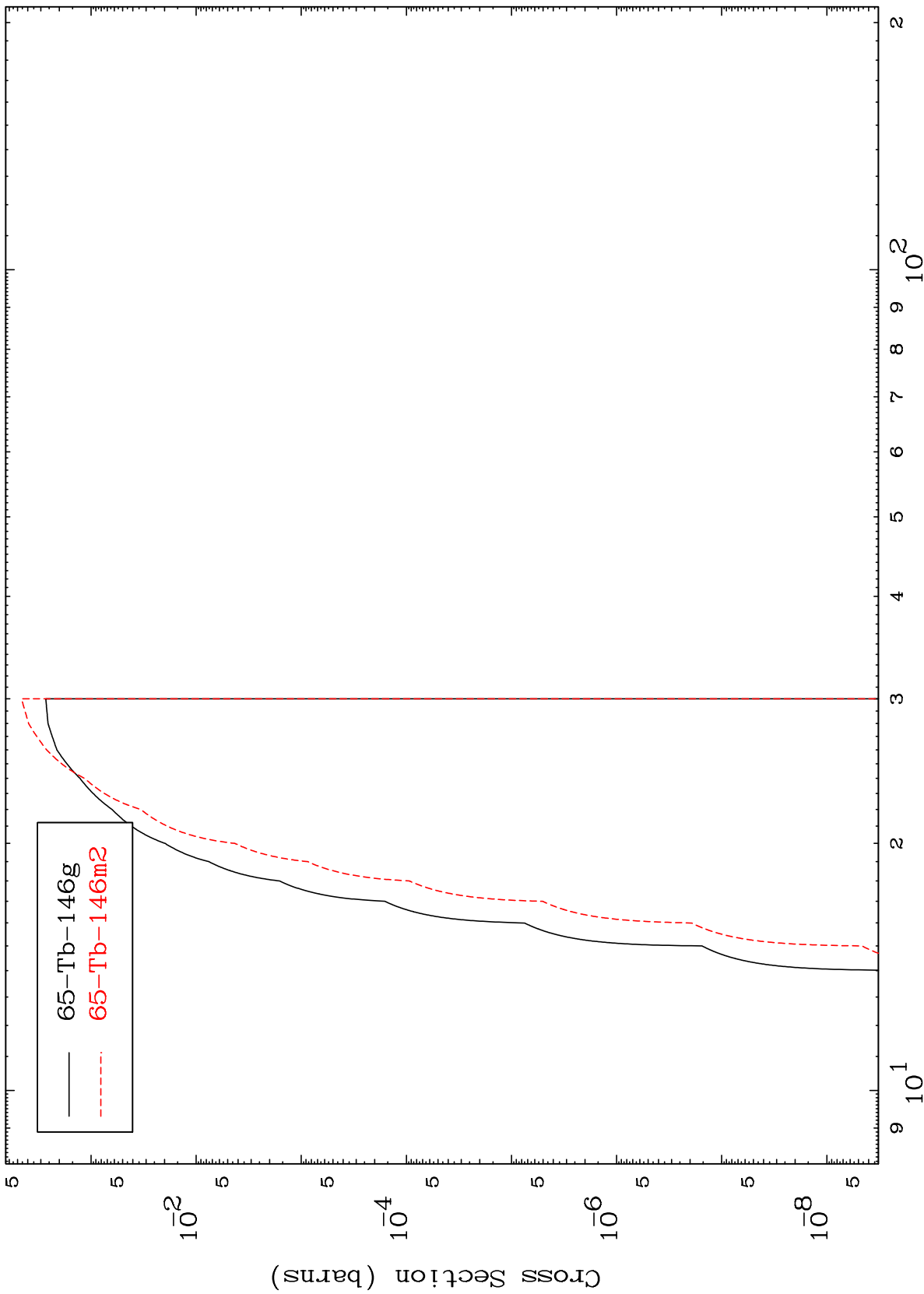
(n,d)  
Radionuclide Production Cross Section



MAT 6407

64-Gd-146

(n, t)  
Radionuclide Production Cross Section



64-Gd-146

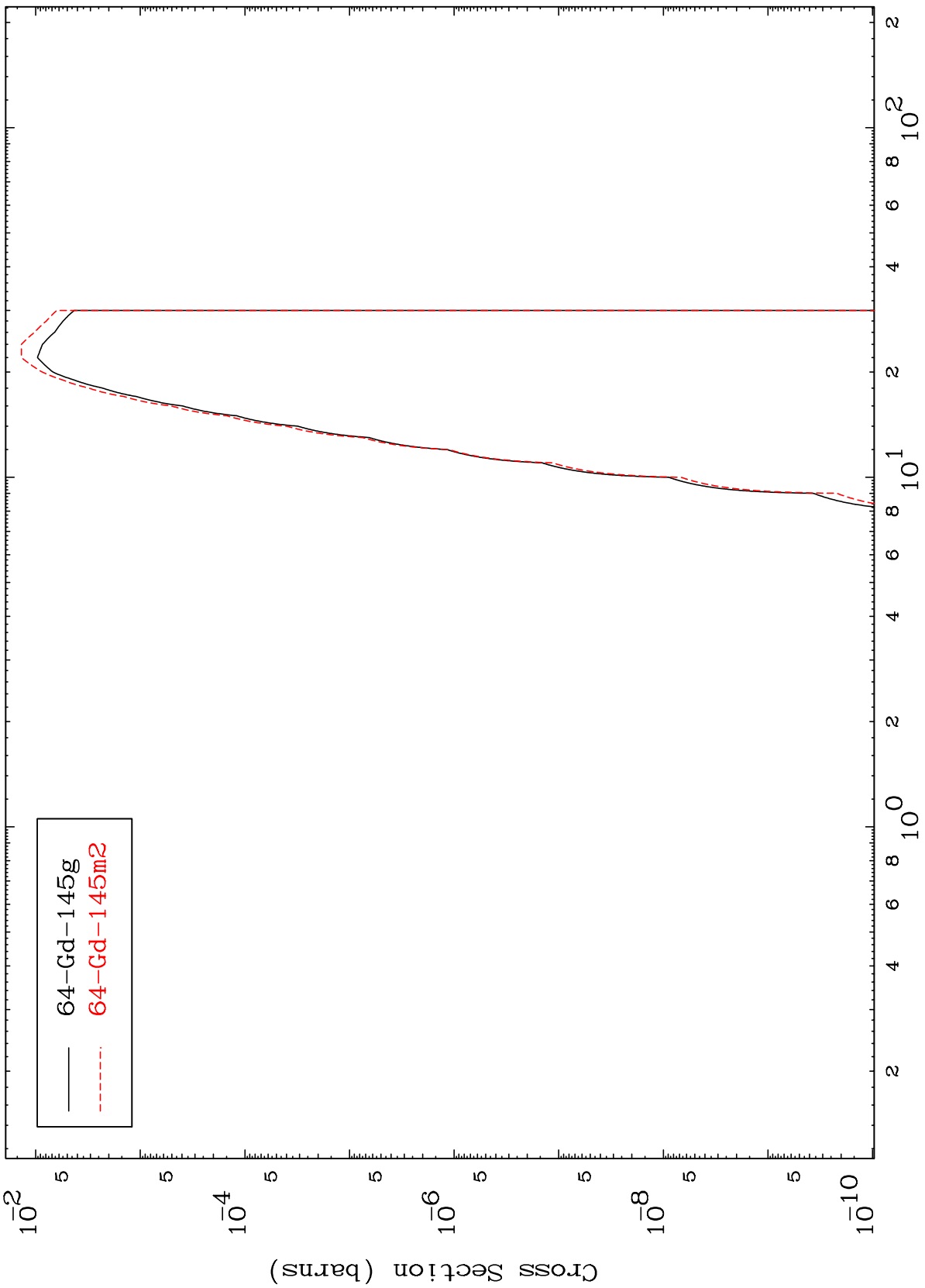
Incident Energy (MeV)

22

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64-Gd-146

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



64-Gd-146

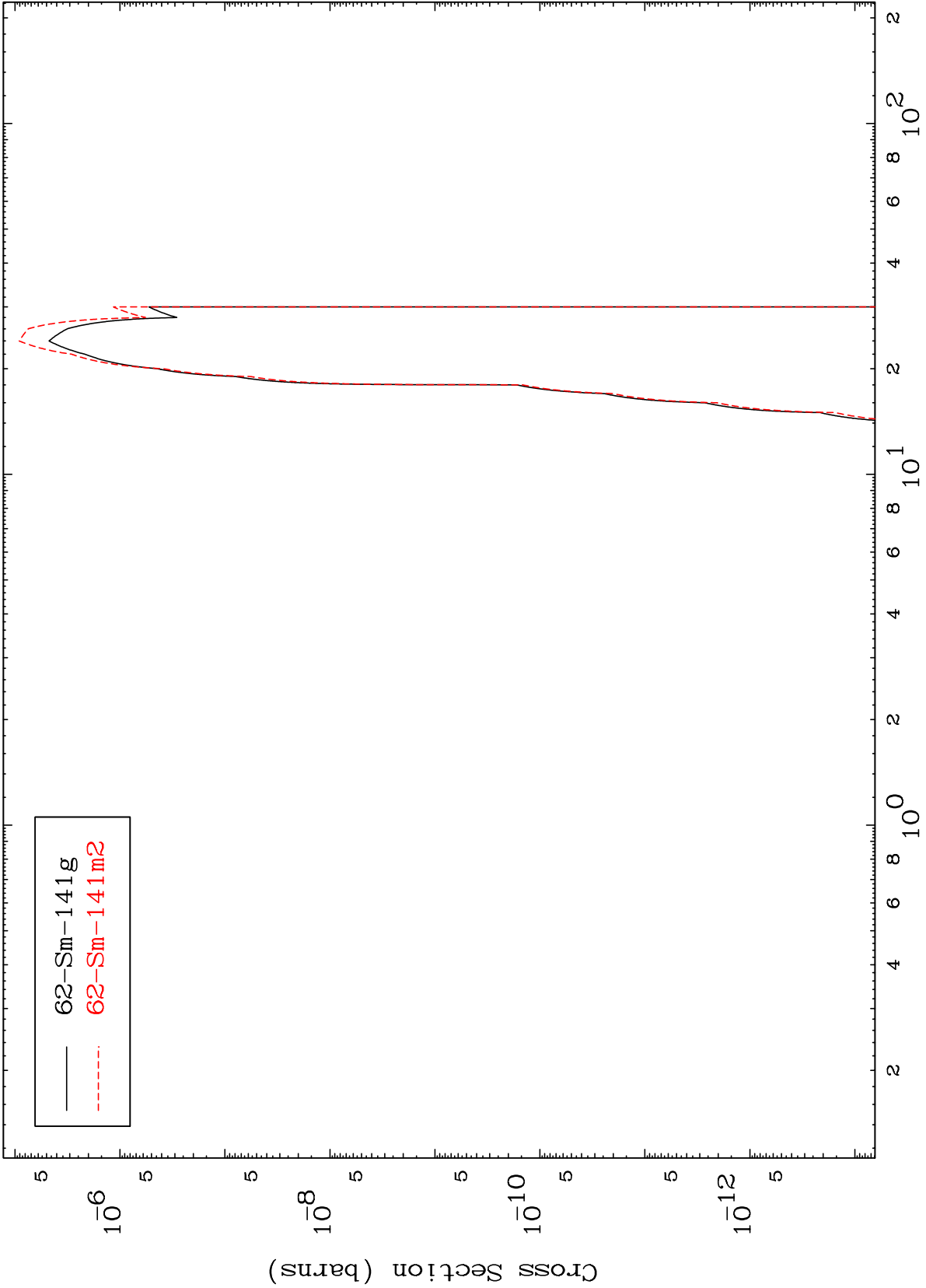
Incident Energy (MeV)

MAT 6407

(n,2α)

64-Gd-146

Radionuclide Production Cross Section



62-Sm-141g  
62-Sm-141m2

24

Incident Energy (MeV)

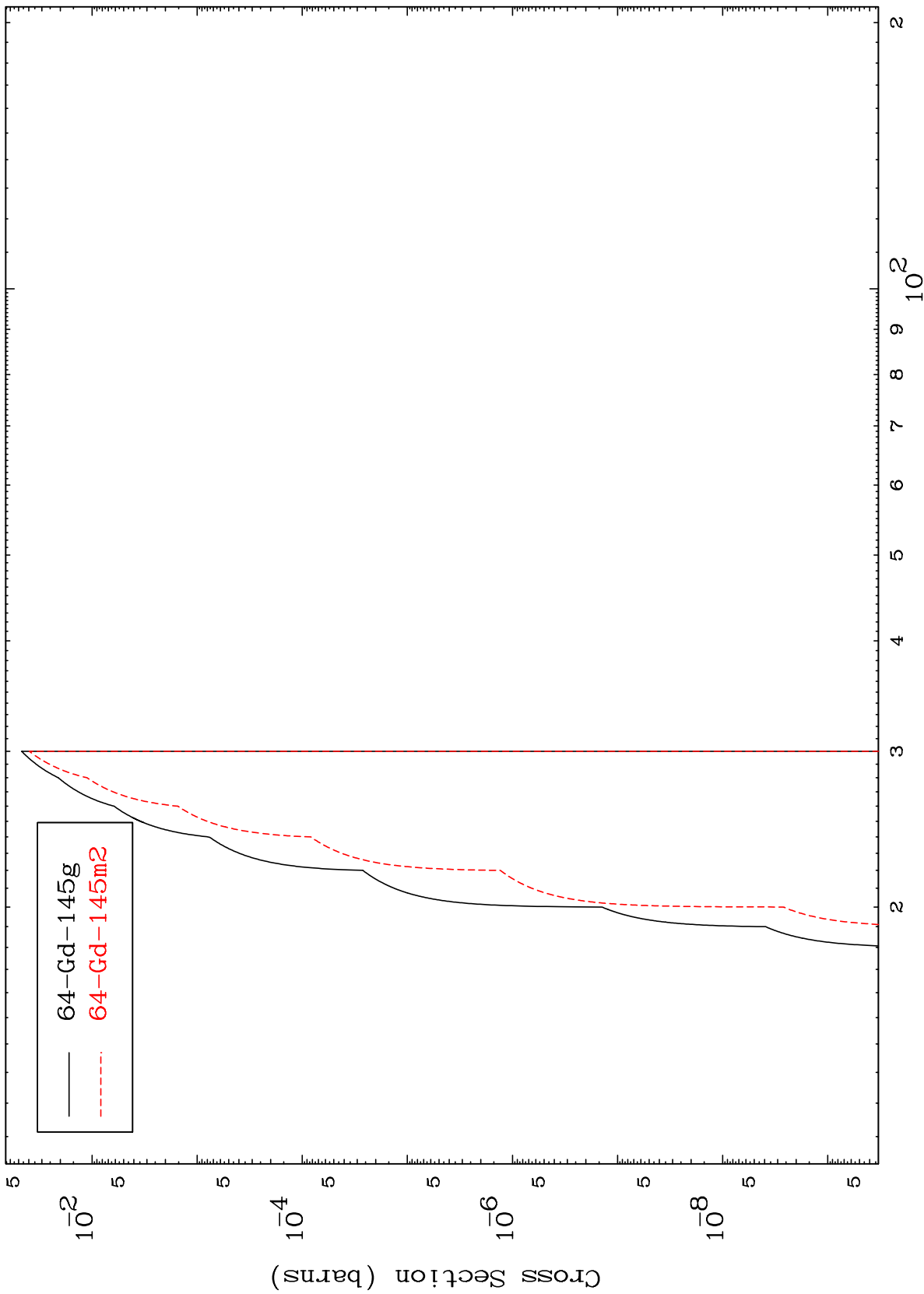
64-Gd-146

MAT 6407

(n,p) t

64-Gd-146

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-146