

Program EVALPLOT  
(Version 2021-1)

by

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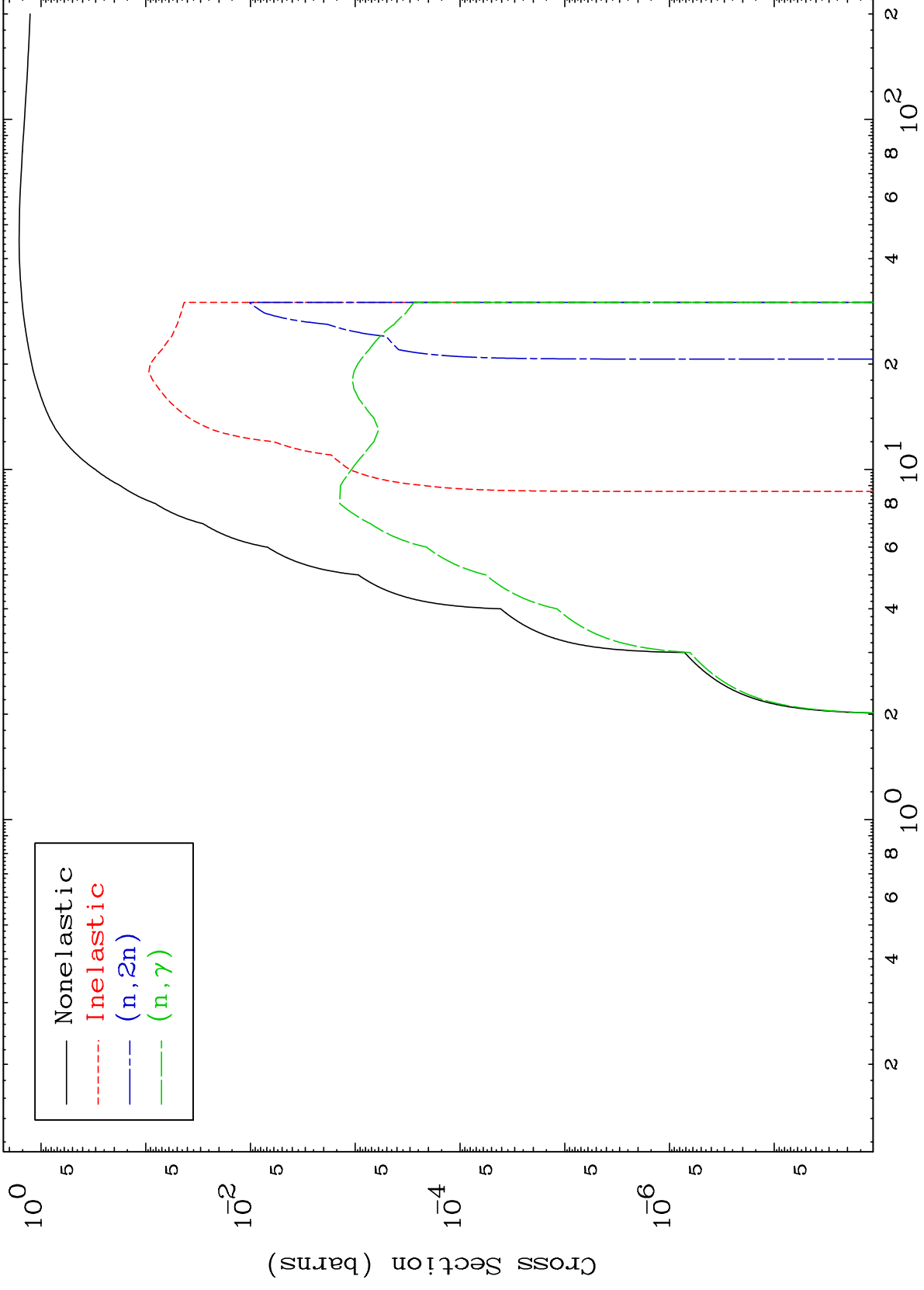
Press Mouse Button to Start

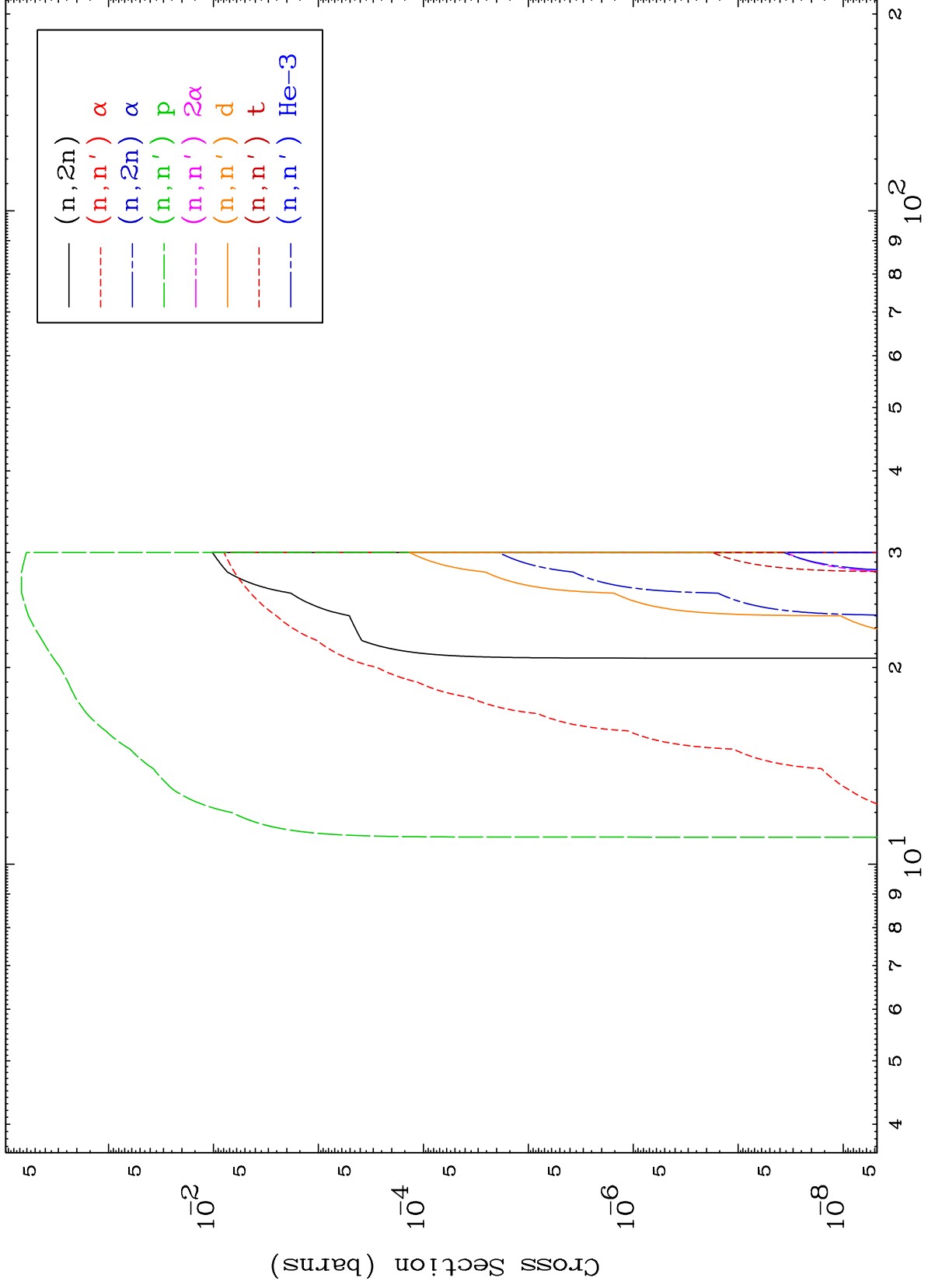
MAT 6398

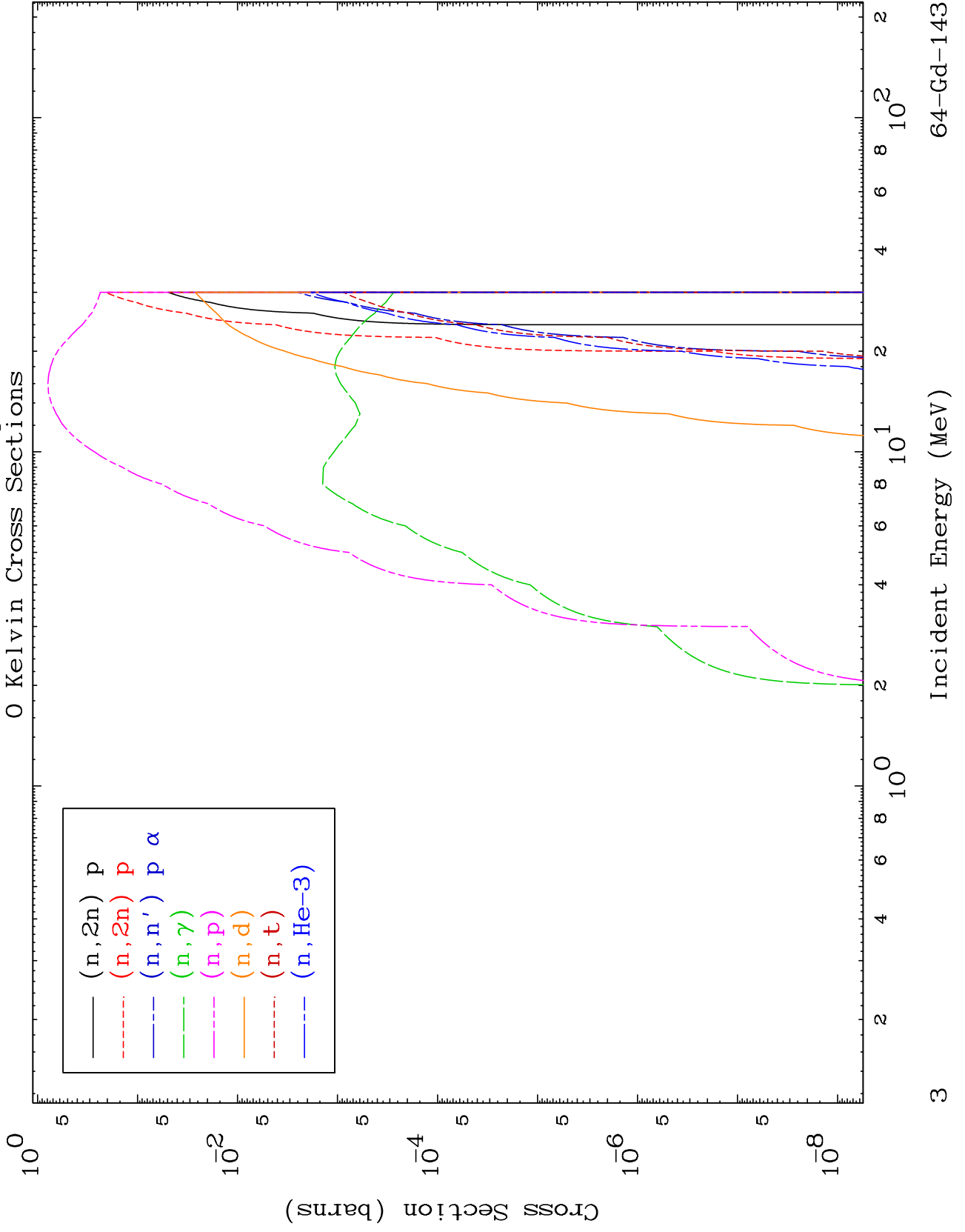
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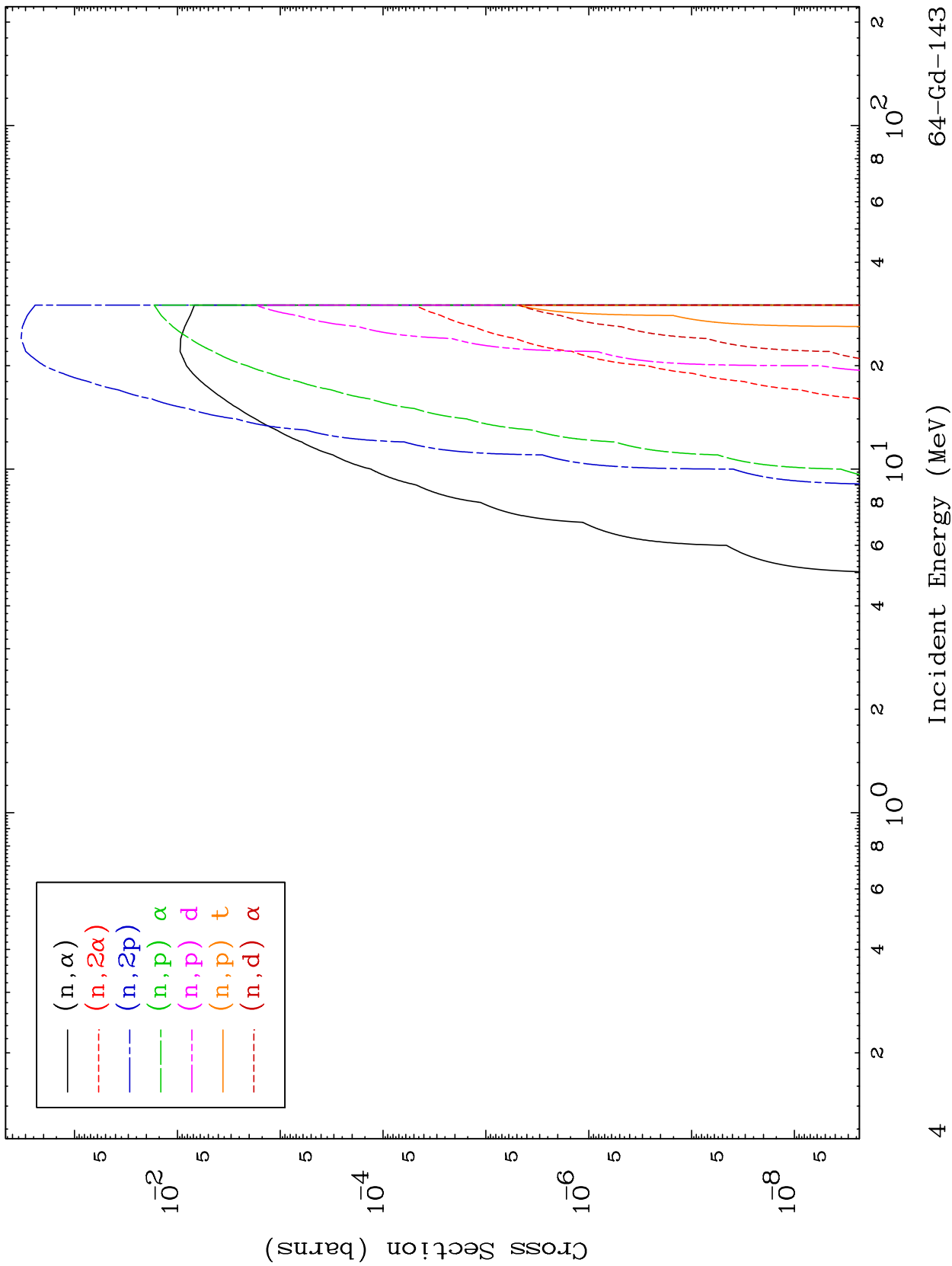
64-Gd-143

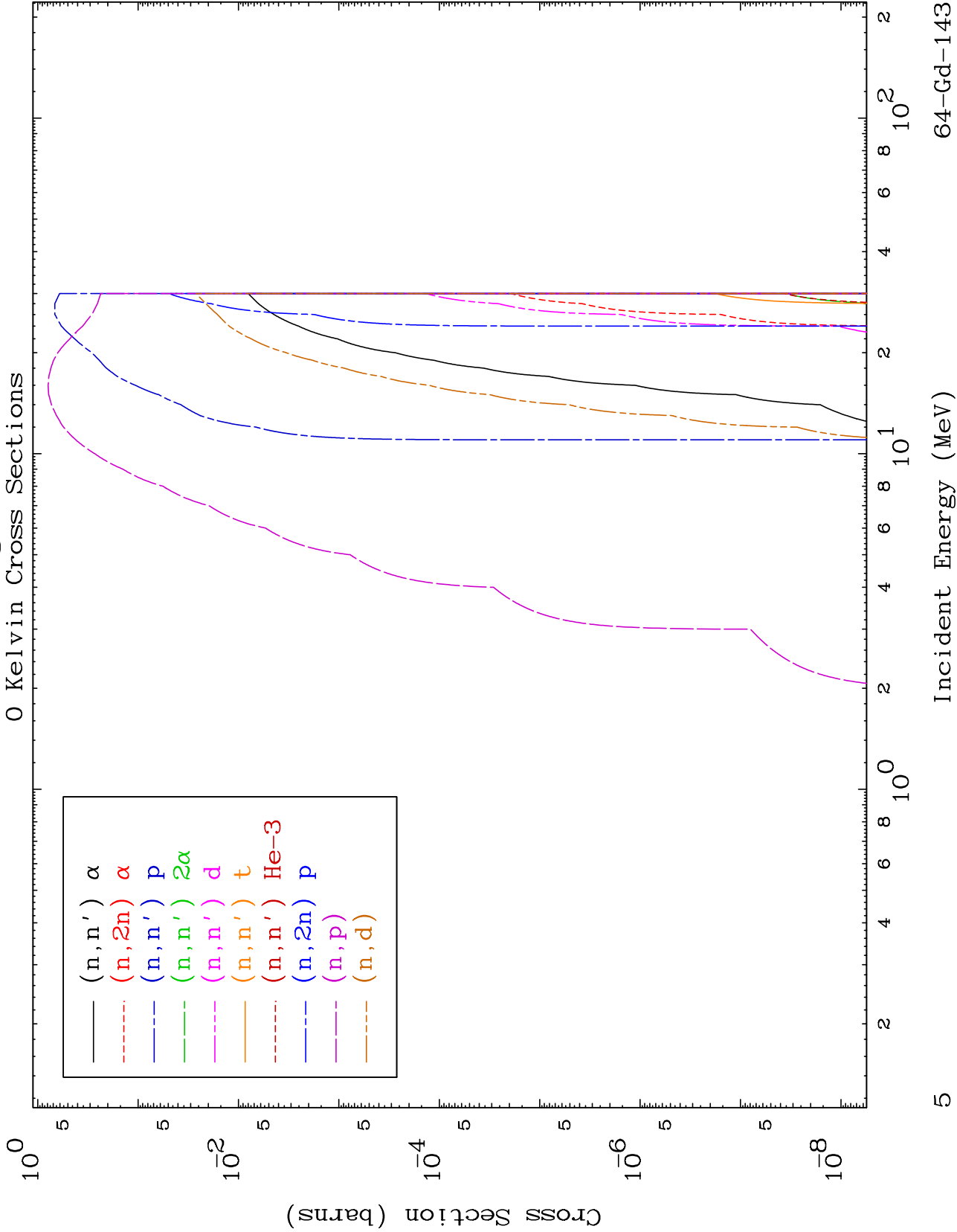
0 Kelvin Cross Sections

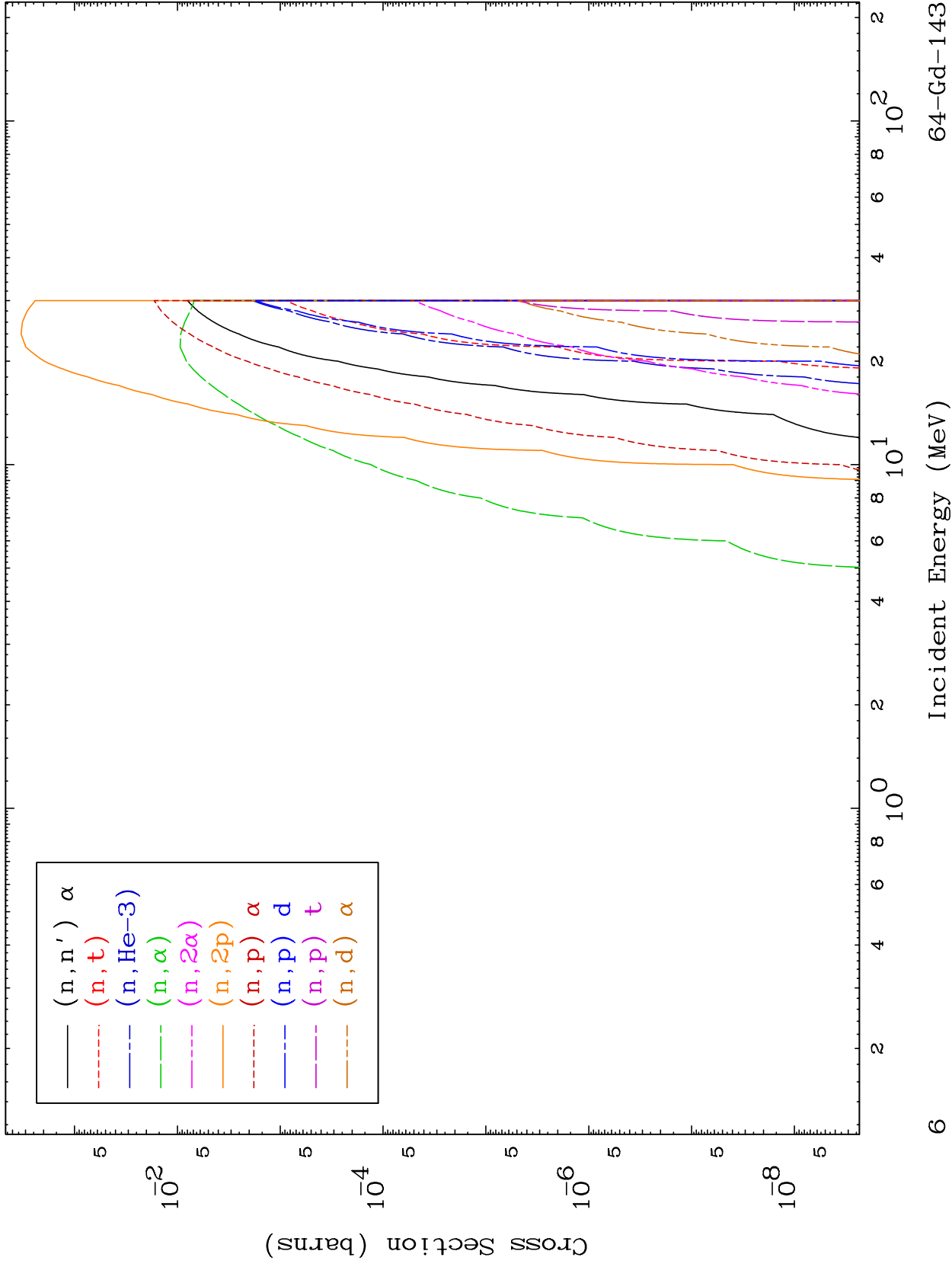








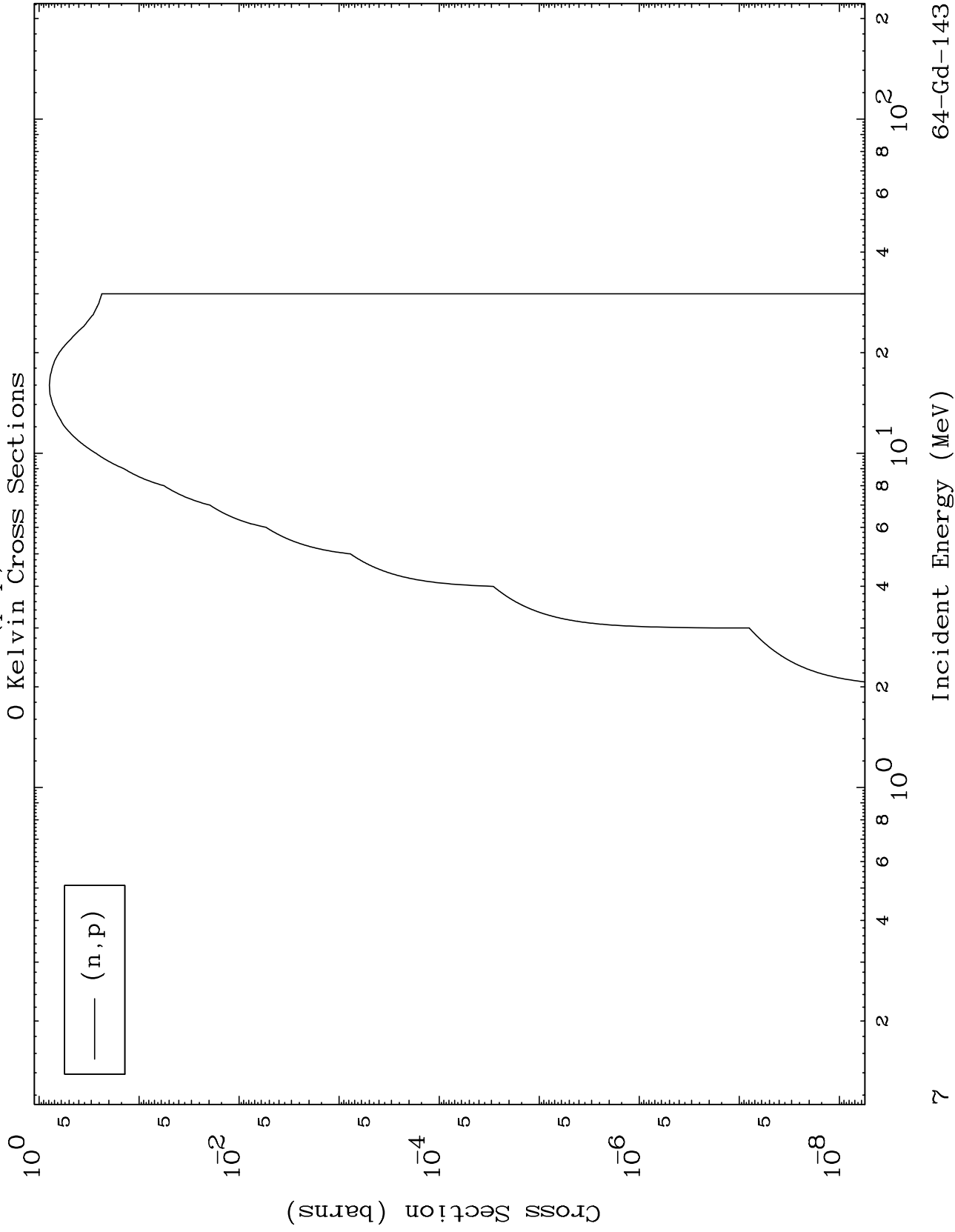




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(p,p) Levels

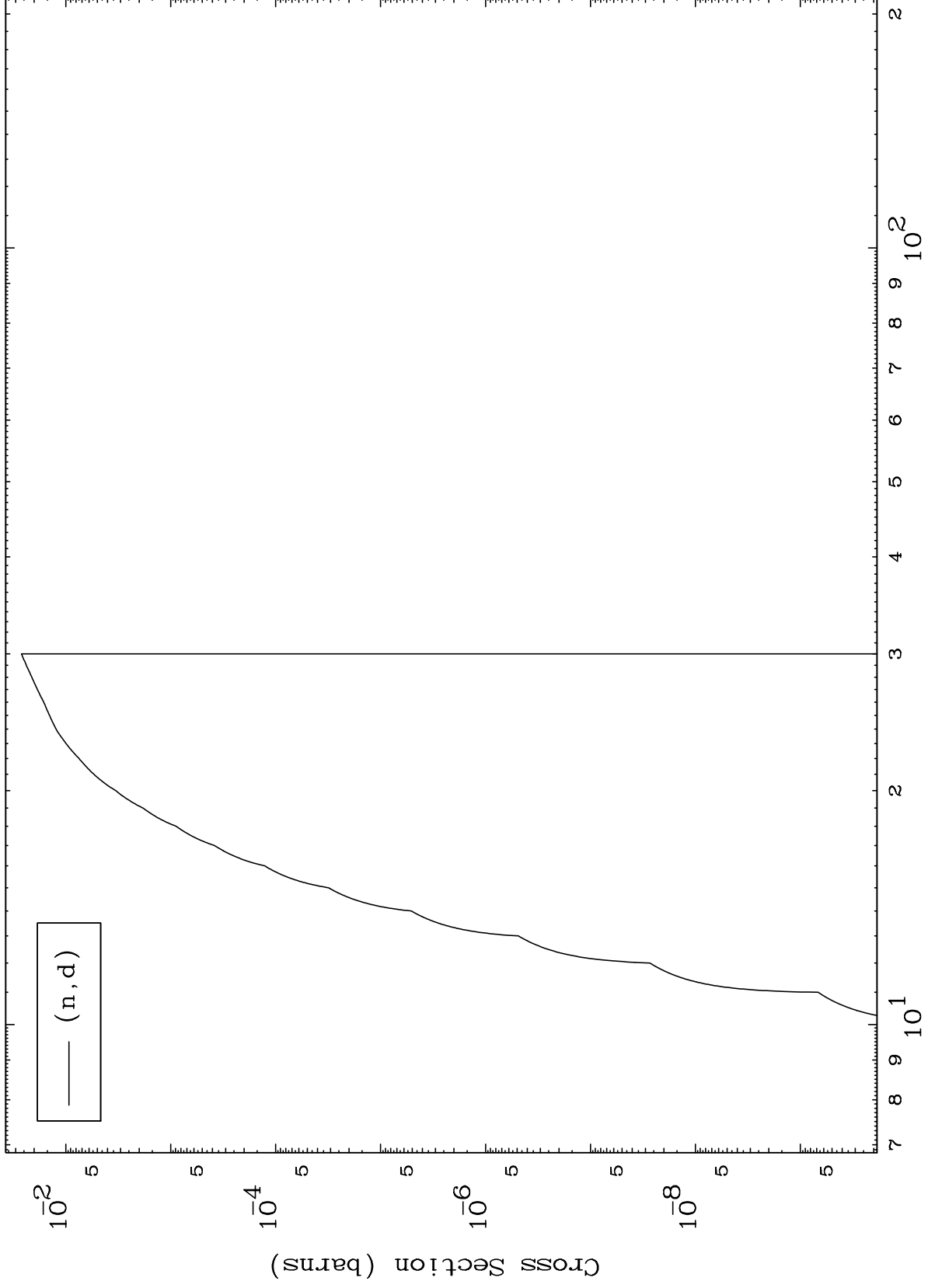
64-Gd-143



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(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-143



8

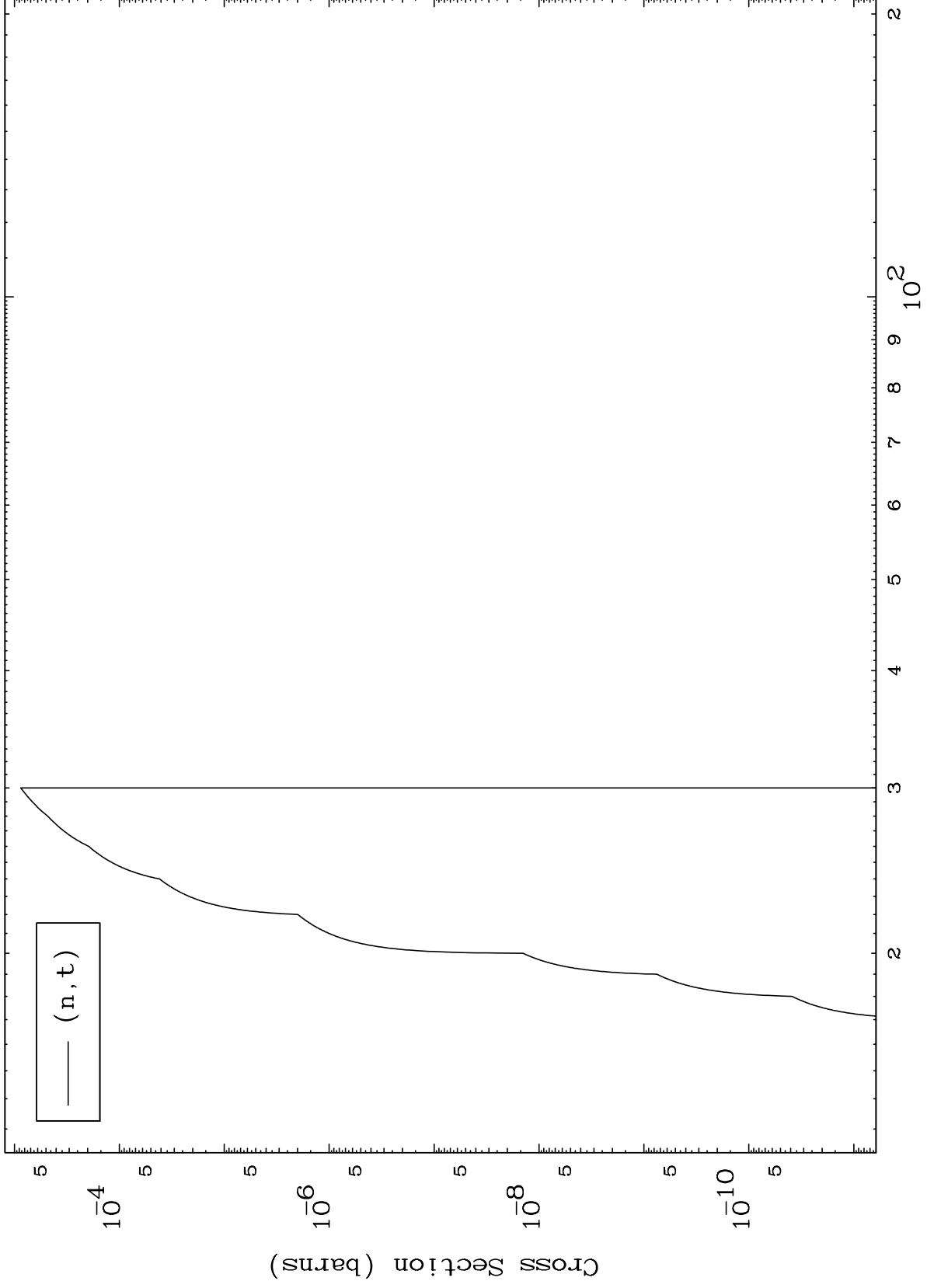
Incident Energy (MeV)

64-Gd-143

MAT 6398

(p,t) Levels  
0 Kelvin Cross Sections

64-Gd-143



9

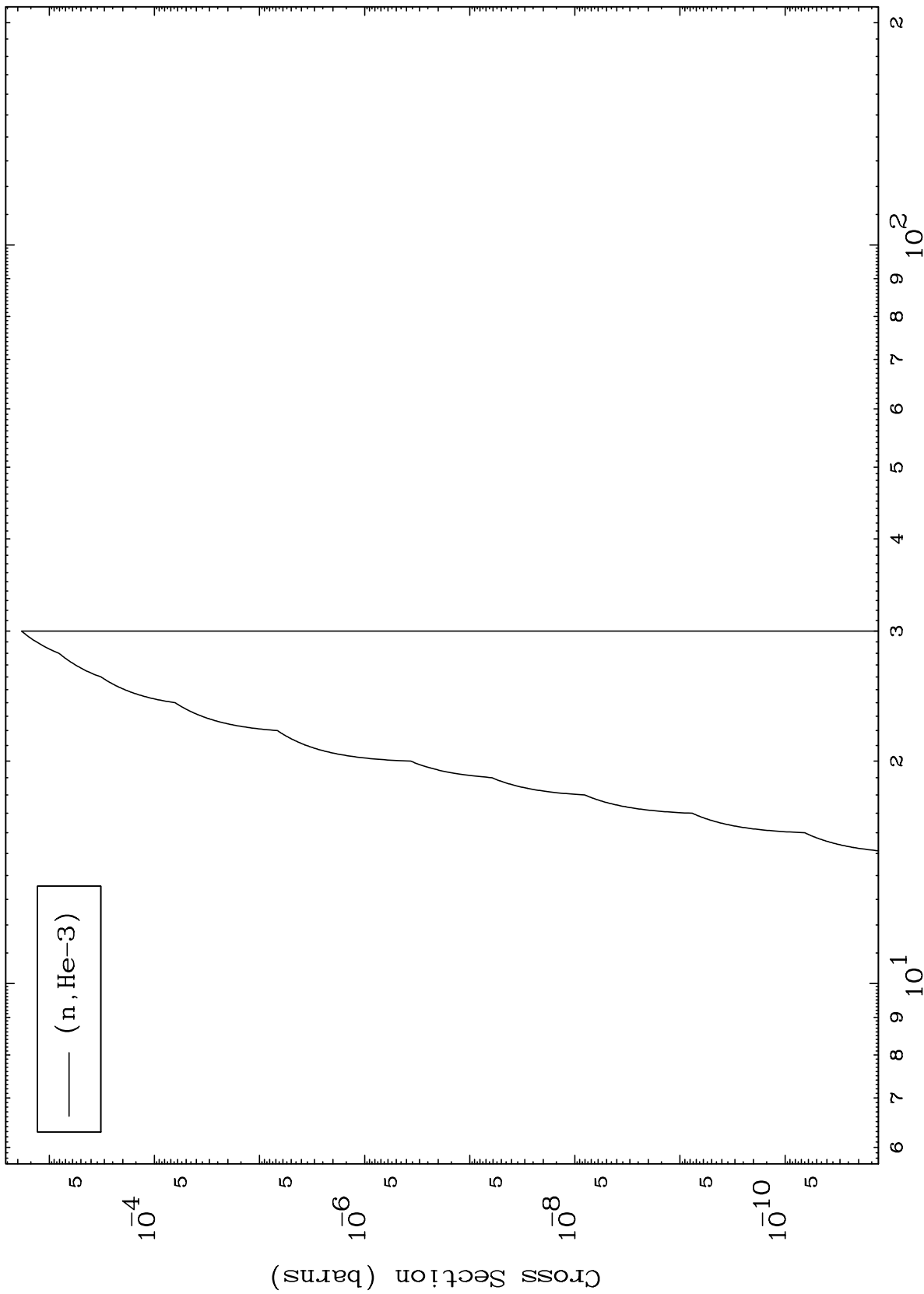
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

(p,He3) Levels  
0 Kelvin Cross Sections



64-Gd-143

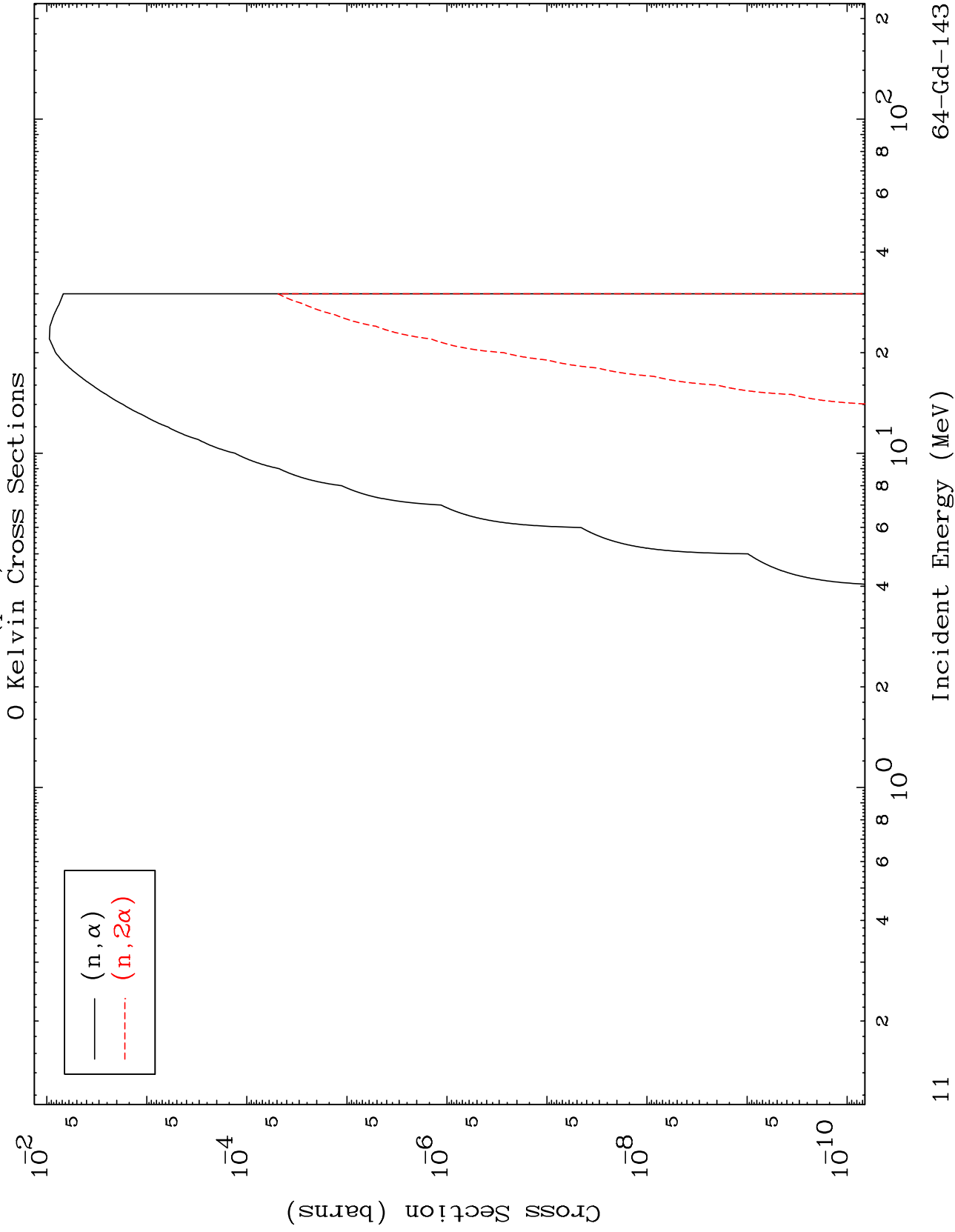
Incident Energy (MeV)

10

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(p,  $\alpha$ ) Levels

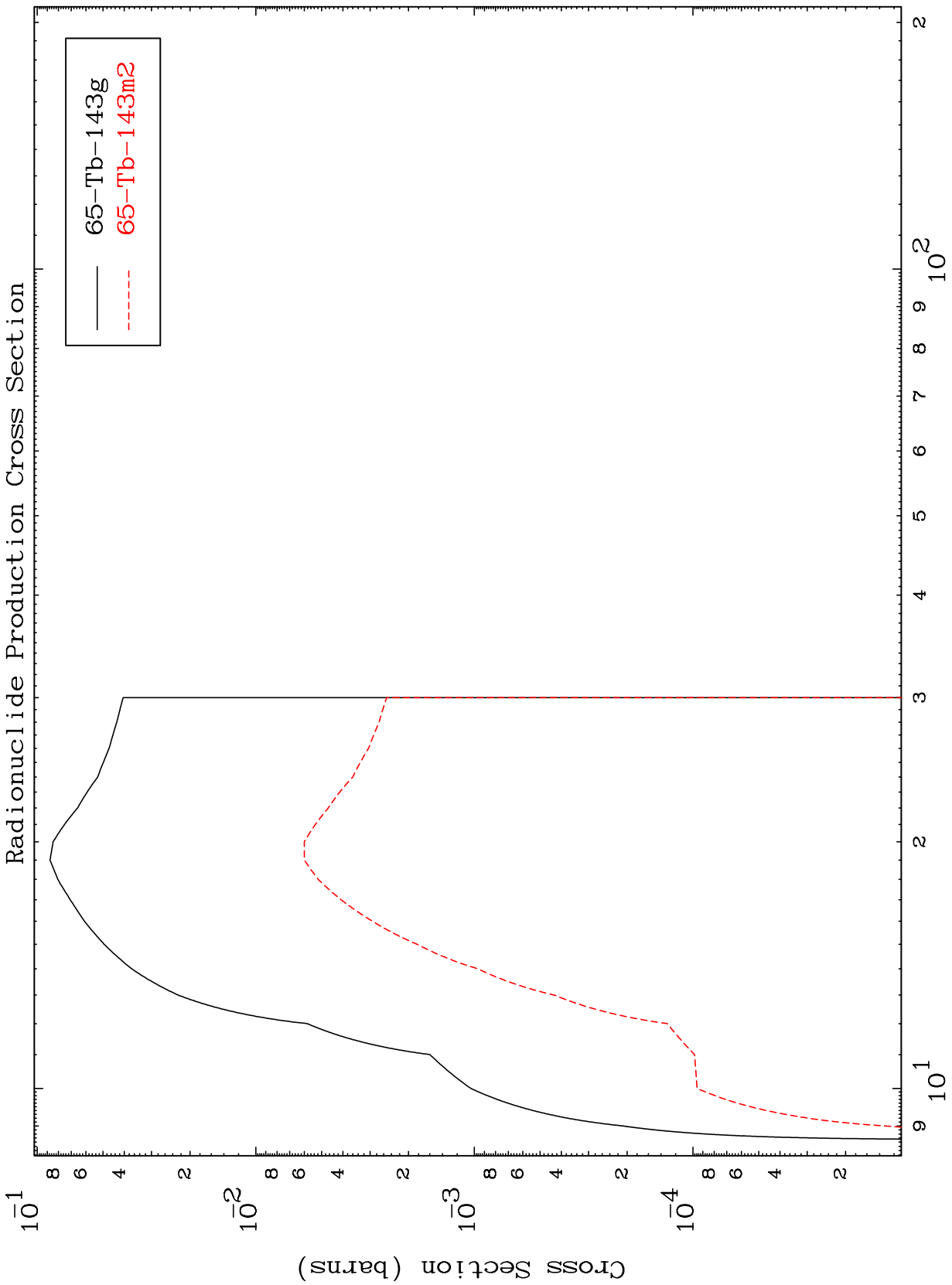
64-Gd-143



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64-Gd-143

Inelastic  
Radionuclide Production Cross Section



64-Gd-143

Incident Energy (MeV)

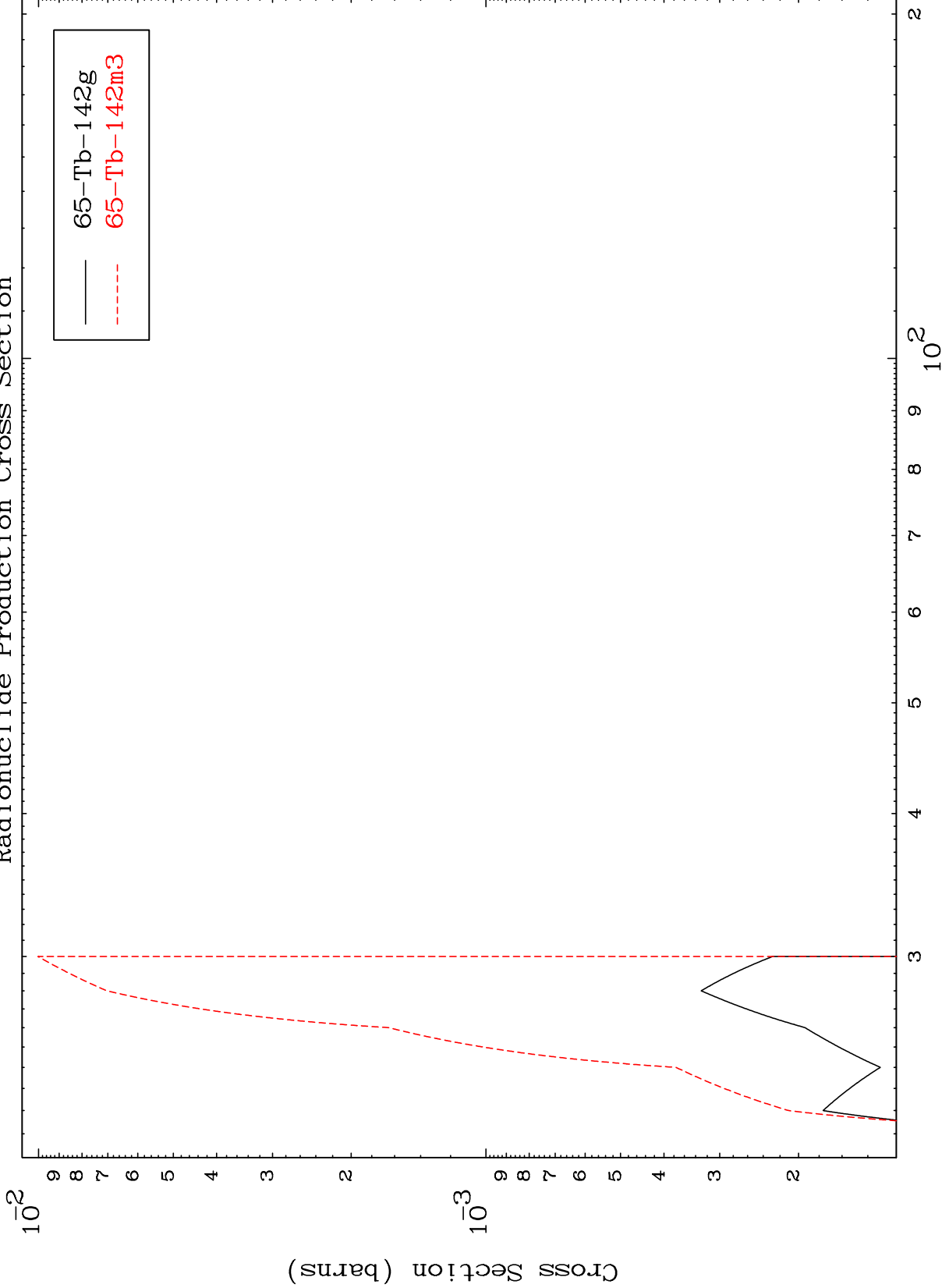
12

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(n,2n)

64-Gd-143

Radionuclide Production Cross Section



65-Tb-142g  
65-Tb-142m3

13

Incident Energy (MeV)

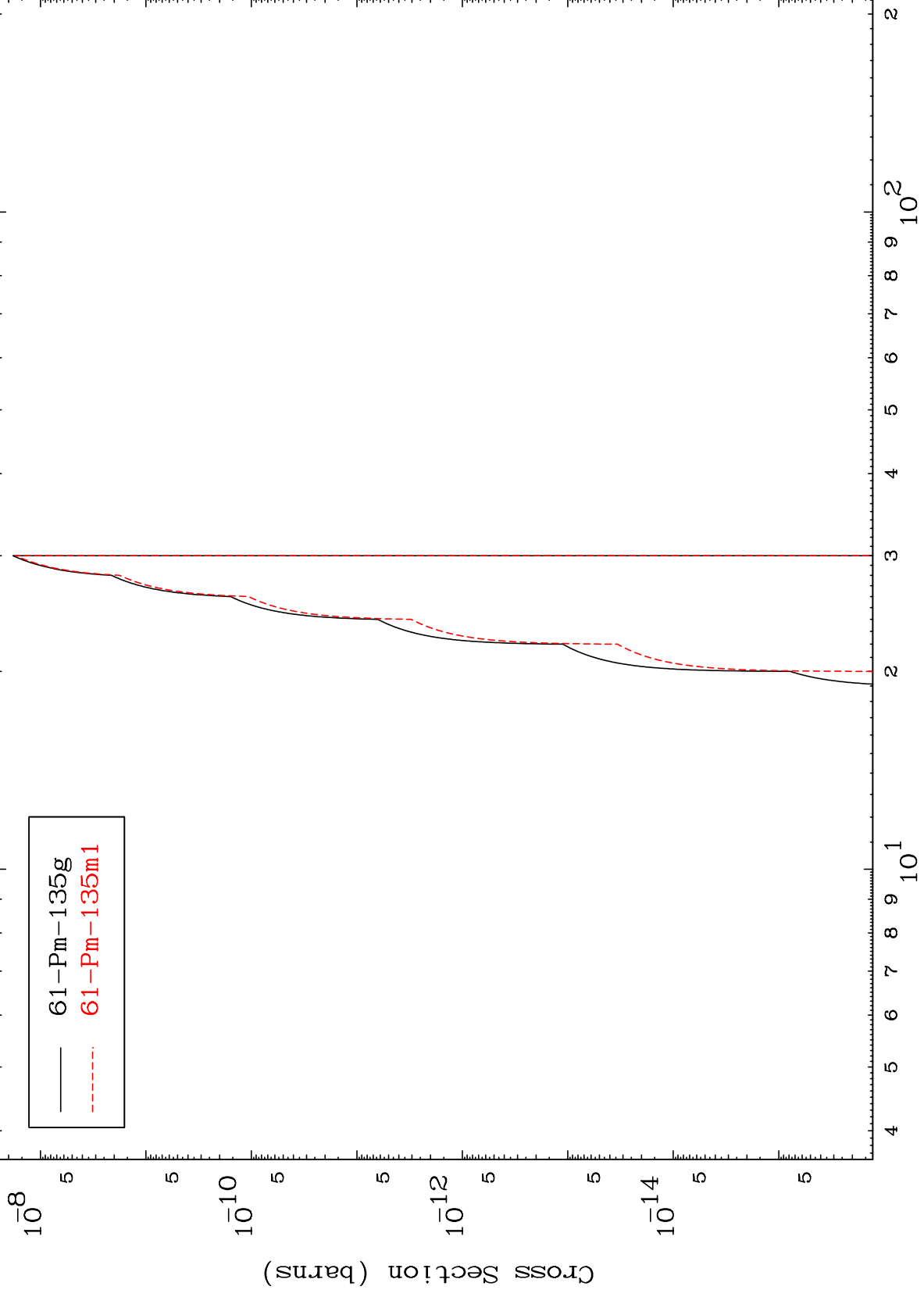
64-Gd-143

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(n,n') 2α

64-Gd-143

Radionuclide Production Cross Section



61-Pm-135g  
61-Pm-135m1

14

Incident Energy (MeV)

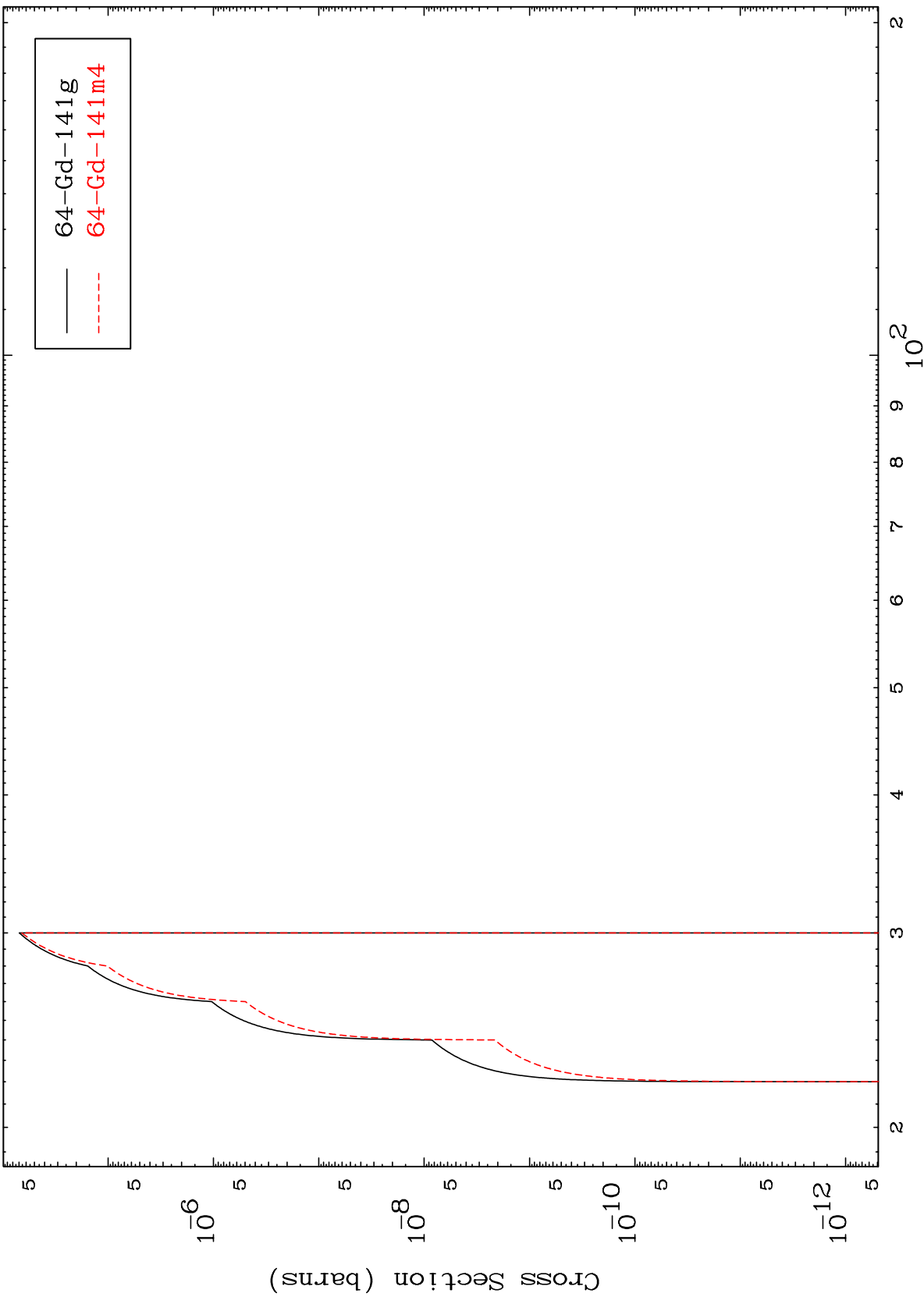
64-Gd-143

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(n,n') d

64-Gd-143

Radionuclide Production Cross Section



15

Incident Energy (MeV)

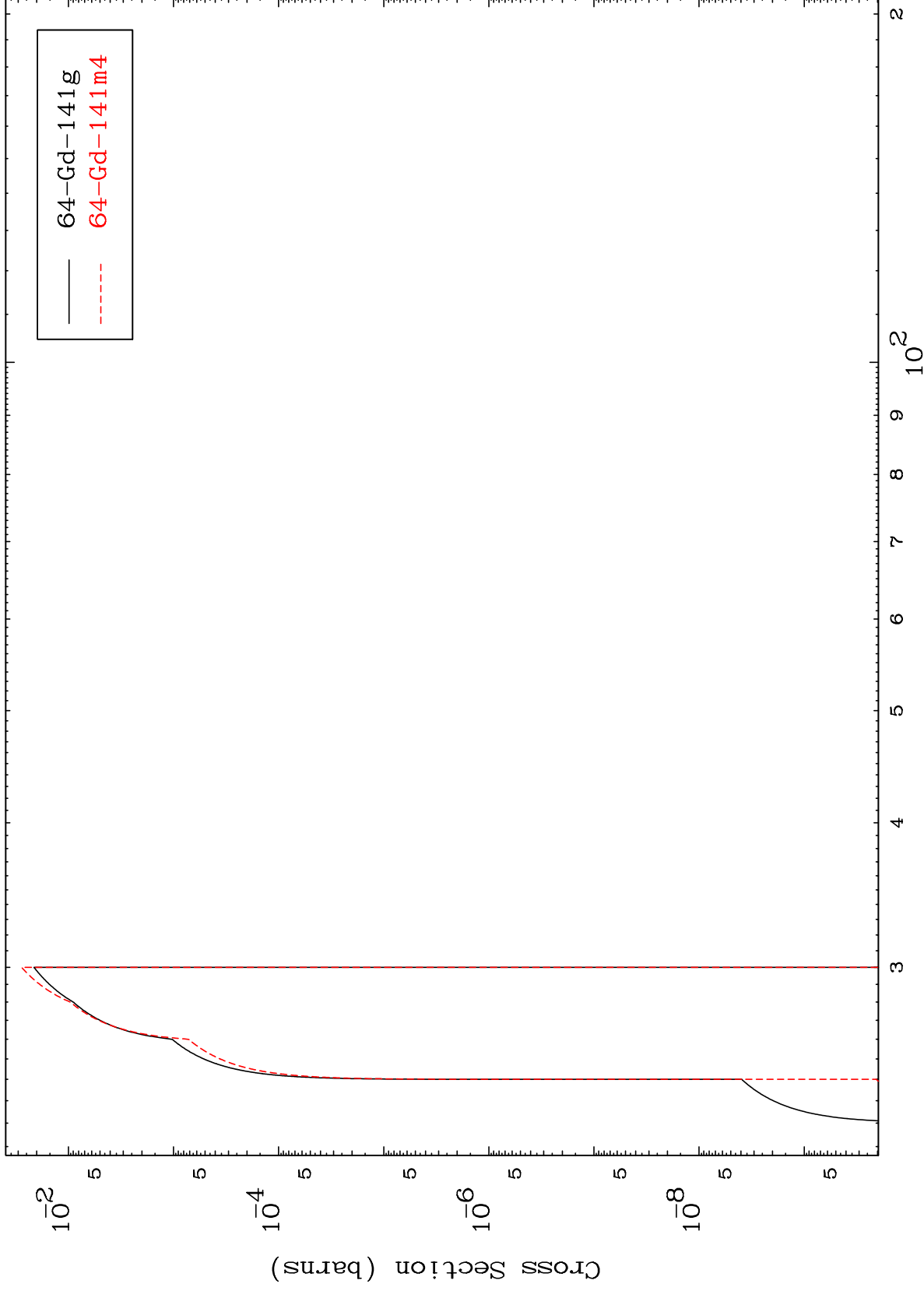
64-Gd-143

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(n,2n) p

64-Gd-143

Radionuclide Production Cross Section

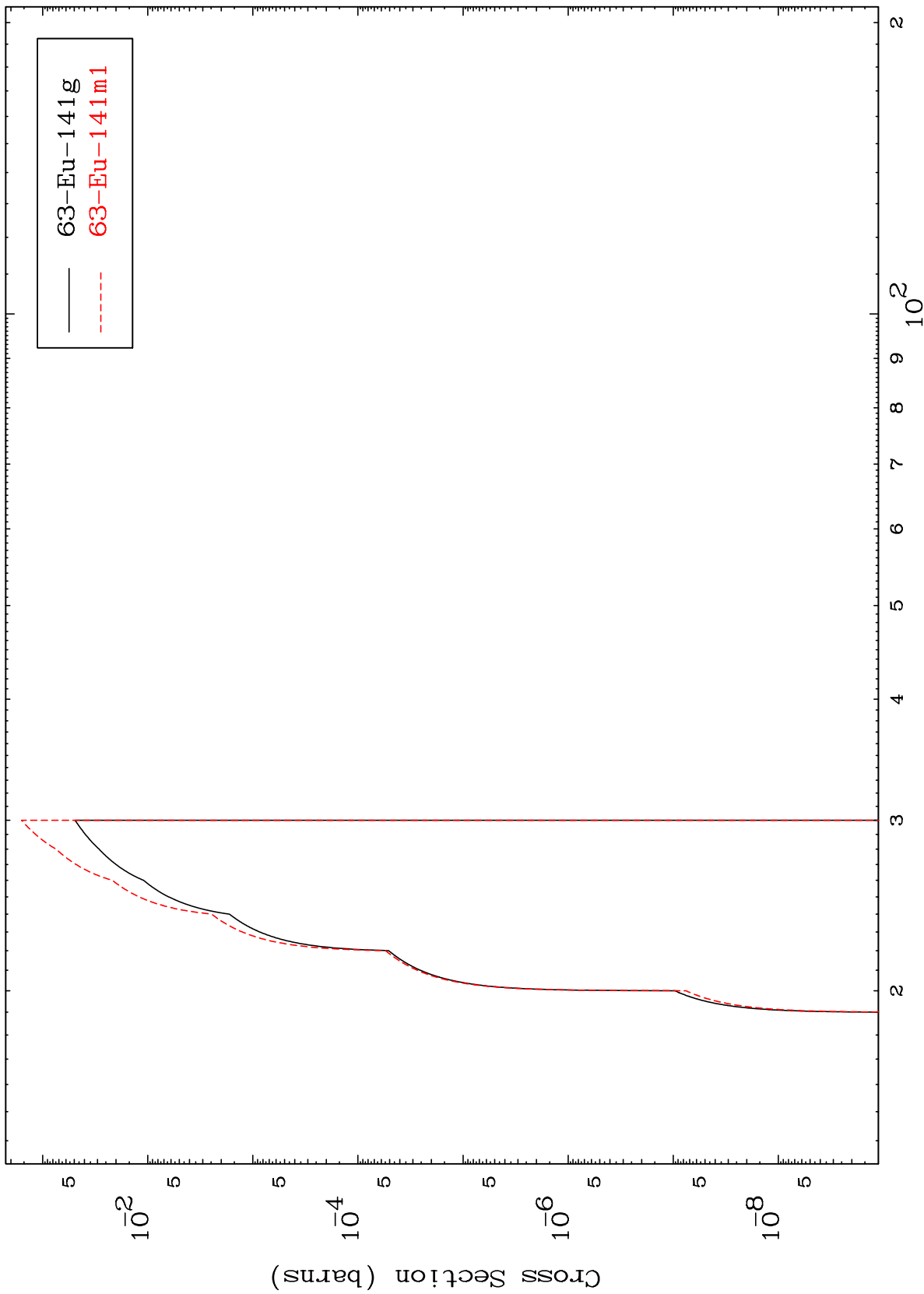


16

Incident Energy (MeV)

64-Gd-143

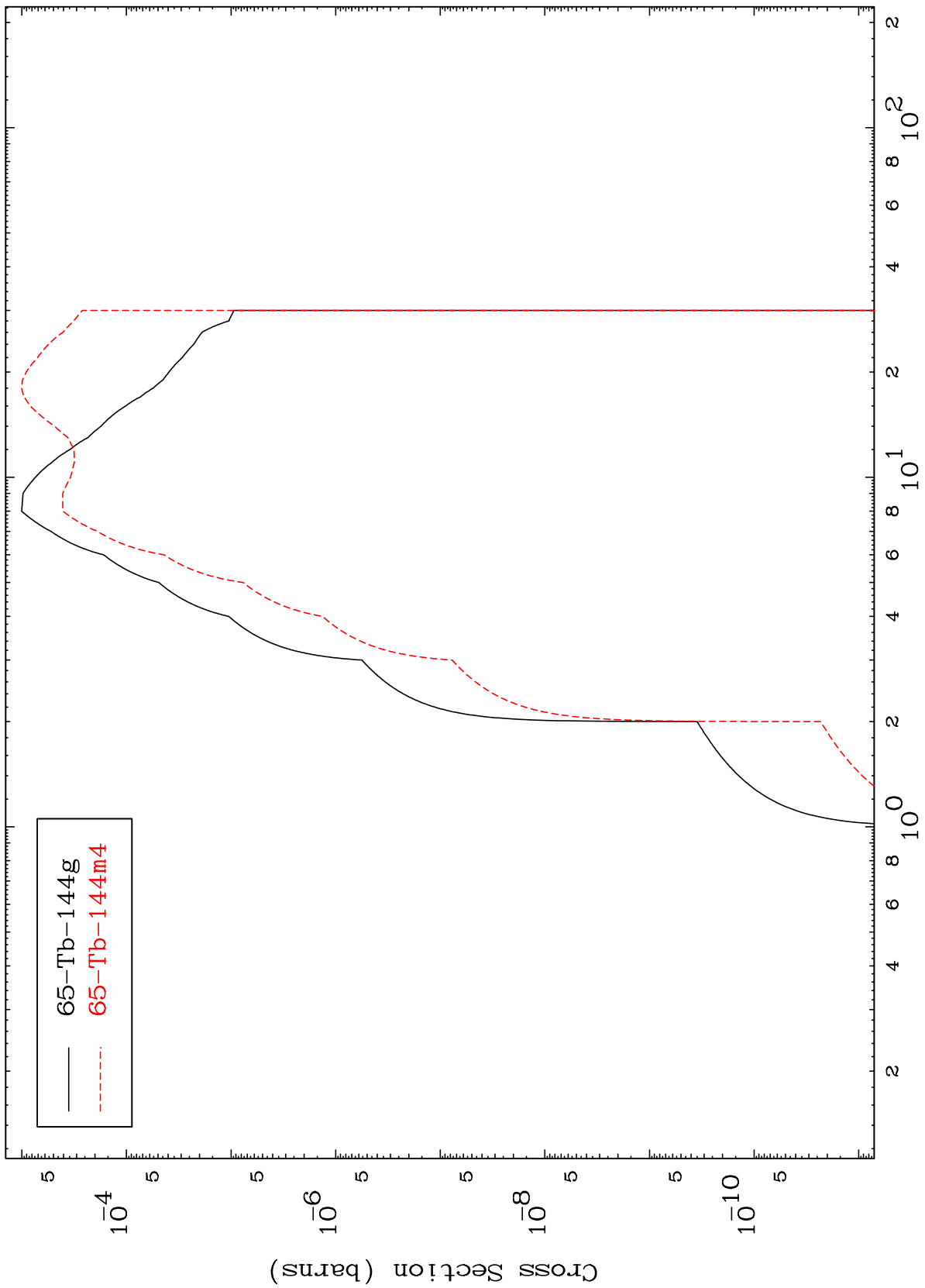
Radionuclide Production Cross Section



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64-Gd-143

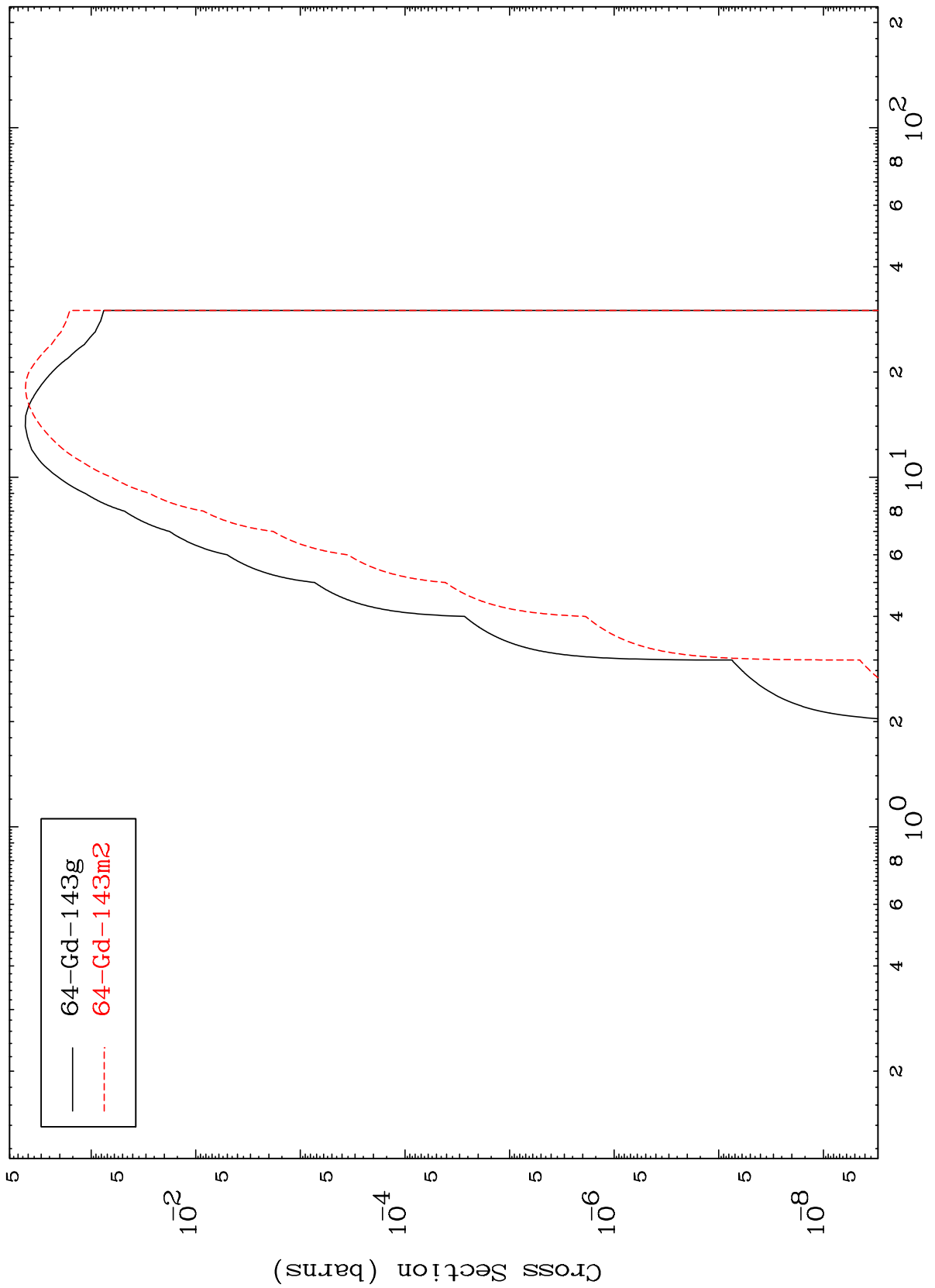
(n,  $\gamma$ )  
Radionuclide Production Cross Section



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64-Gd-143

(n,p)  
Radionuclide Production Cross Section



19

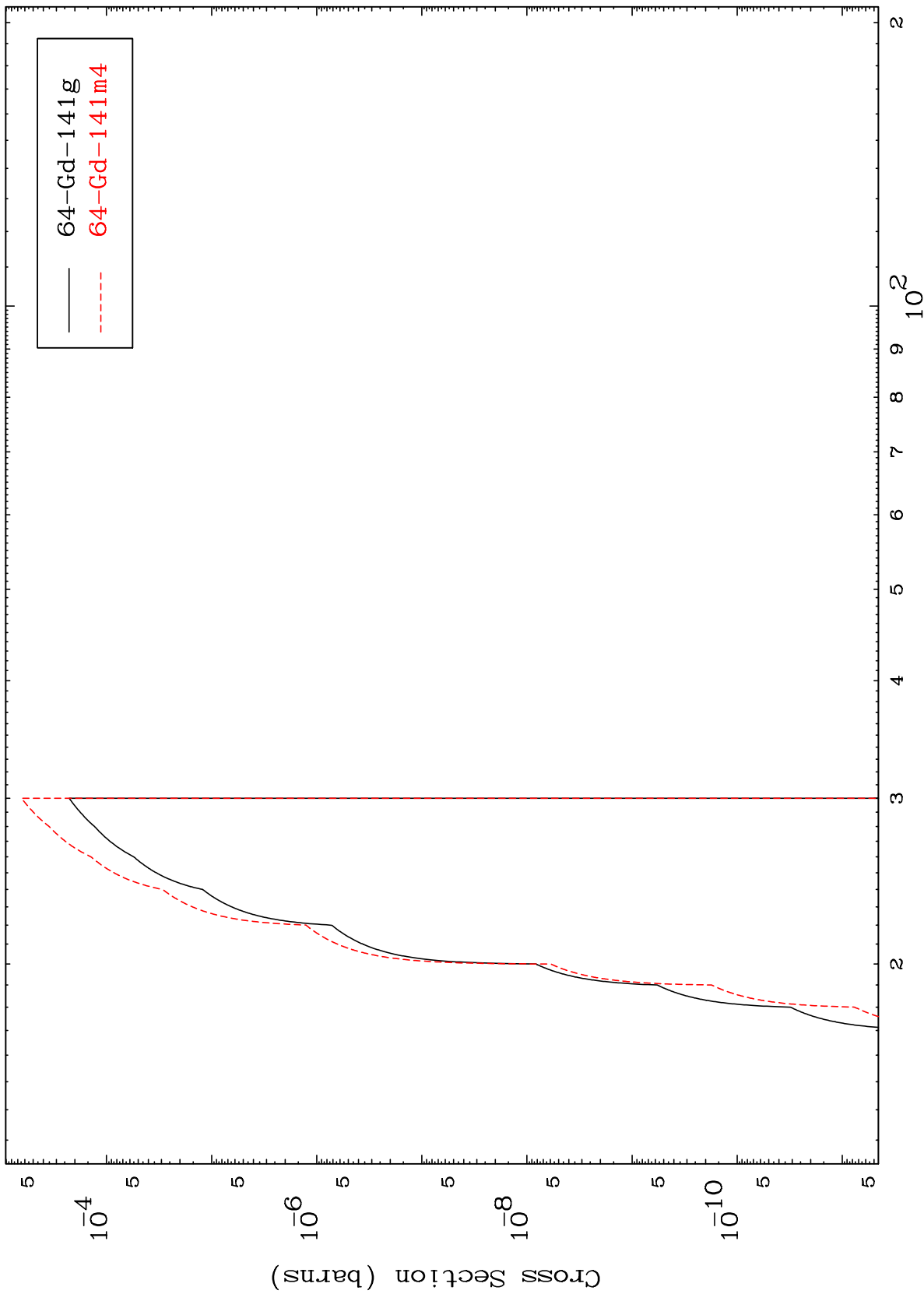
64-Gd-143

Incident Energy (MeV)

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64-Gd-143

(n,t)  
Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

20

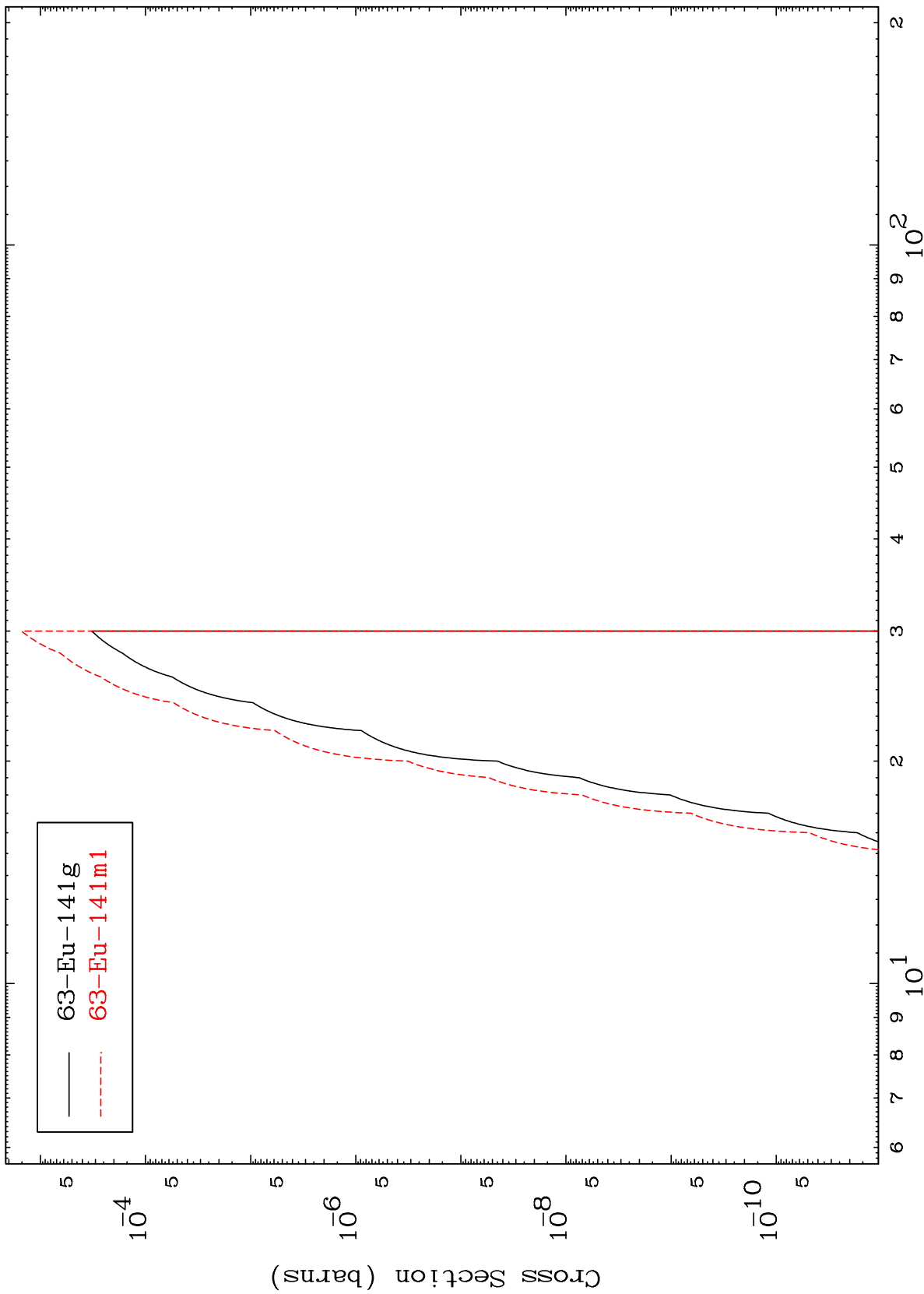
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

(n,He-3)  
Radionuclide Production Cross Section



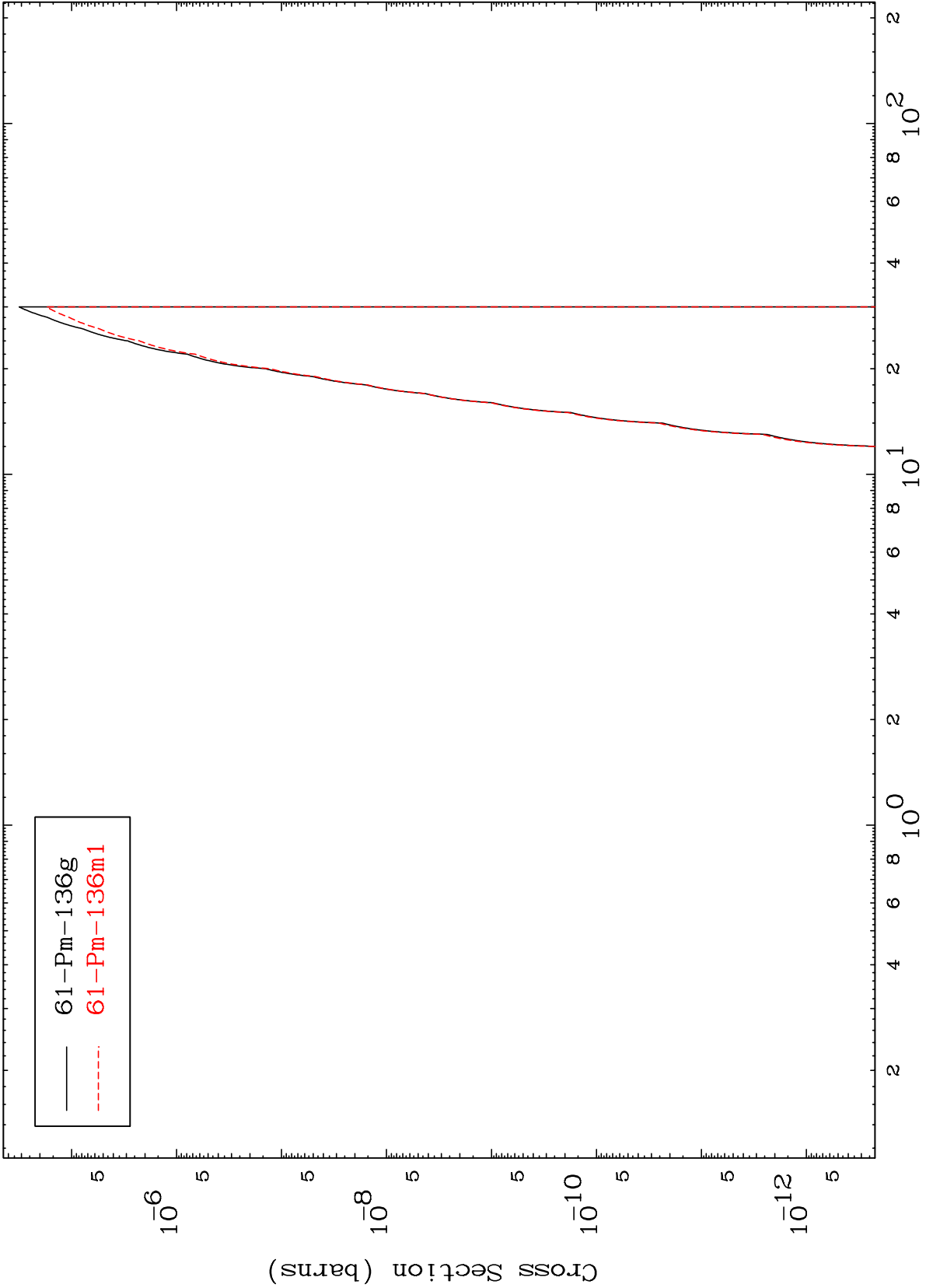
64-Gd-143

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(n,2α)

64-Gd-143

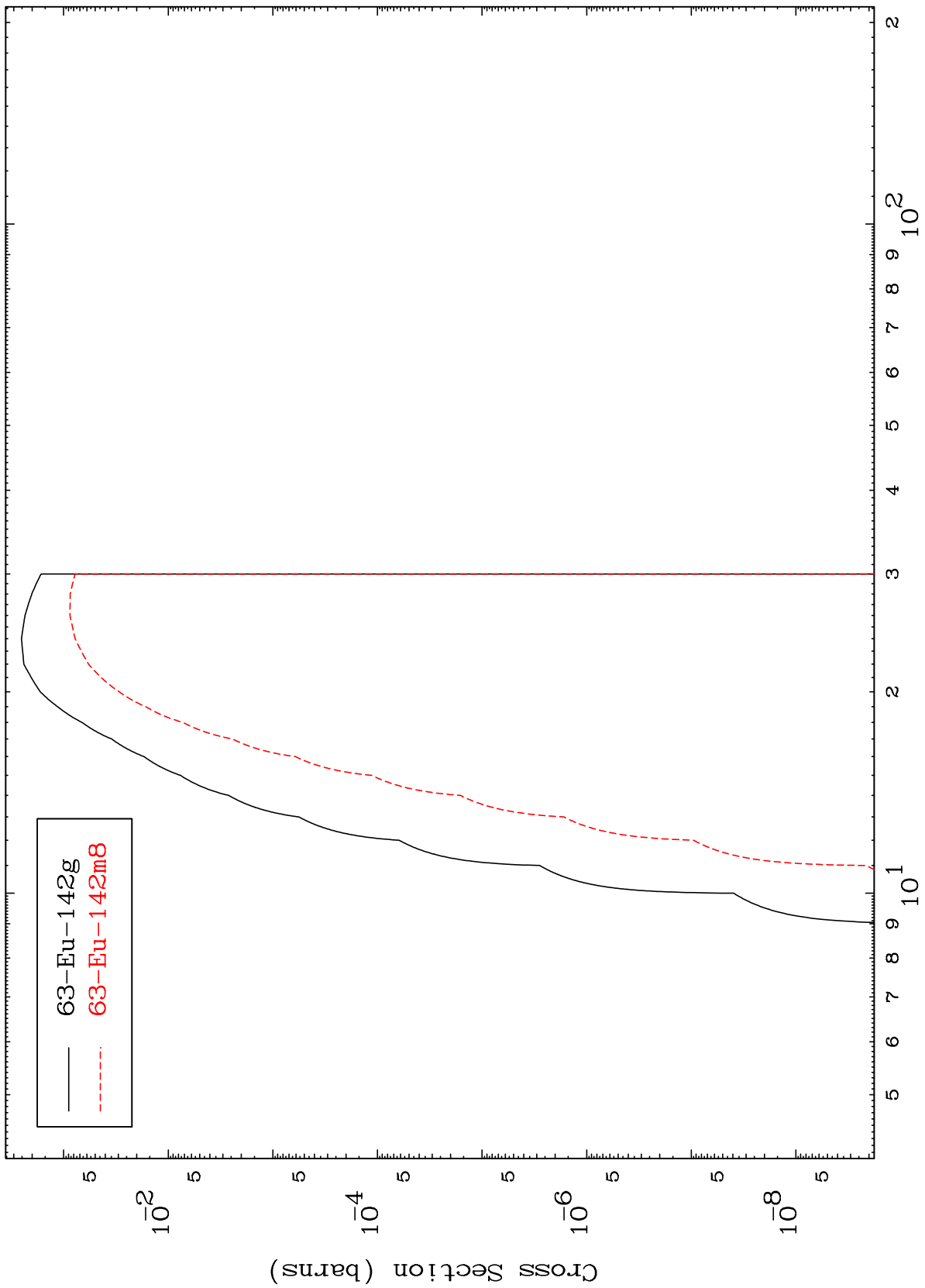
Radionuclide Production Cross Section



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64-Gd-143

Radionuclide Production Cross Section  
(n,2p)



23

Incident Energy (MeV)

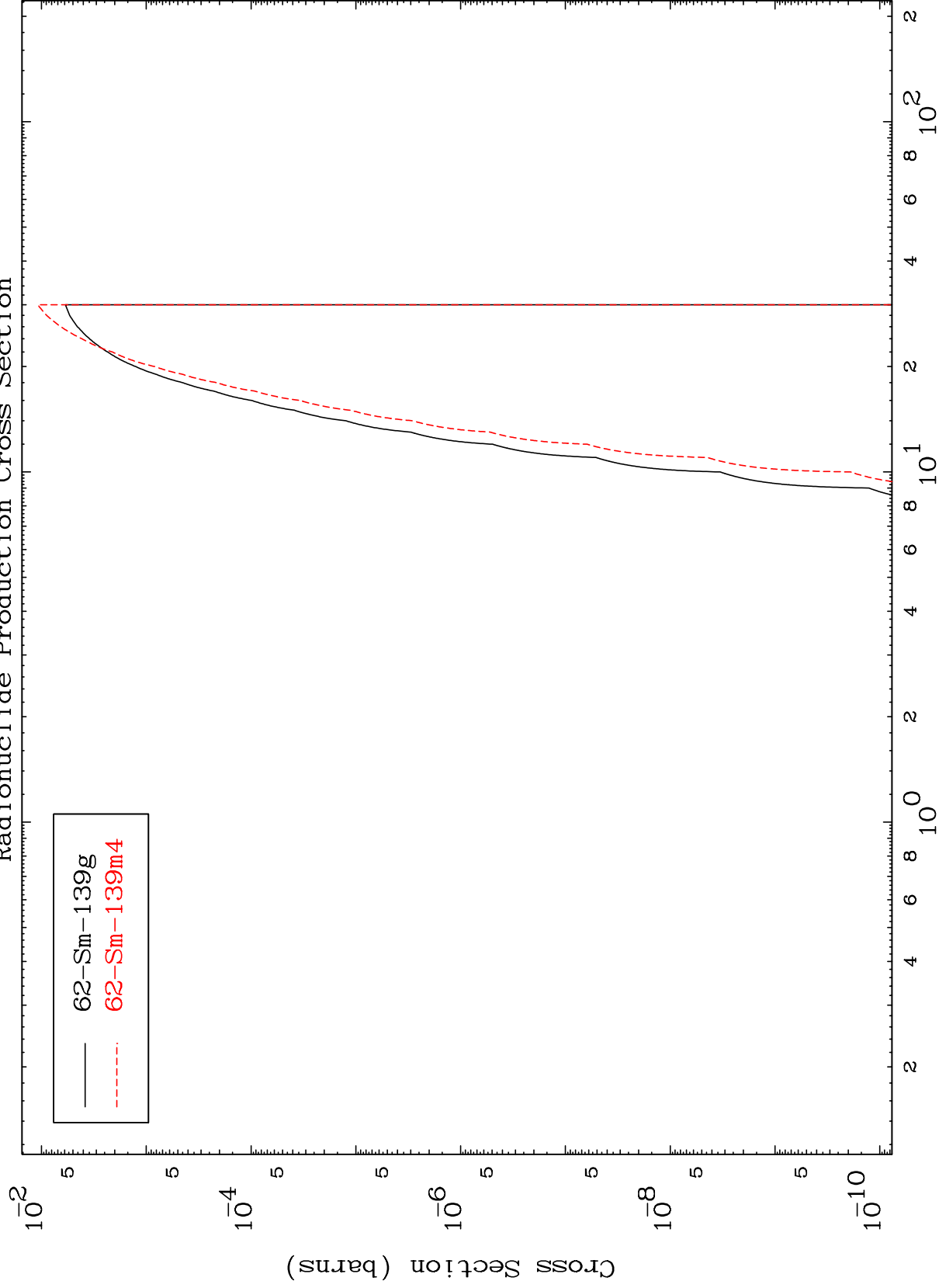
64-Gd-143

MAT 6398

(n,p)  $\alpha$

64-Gd-143

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

24

Incident Energy (MeV)

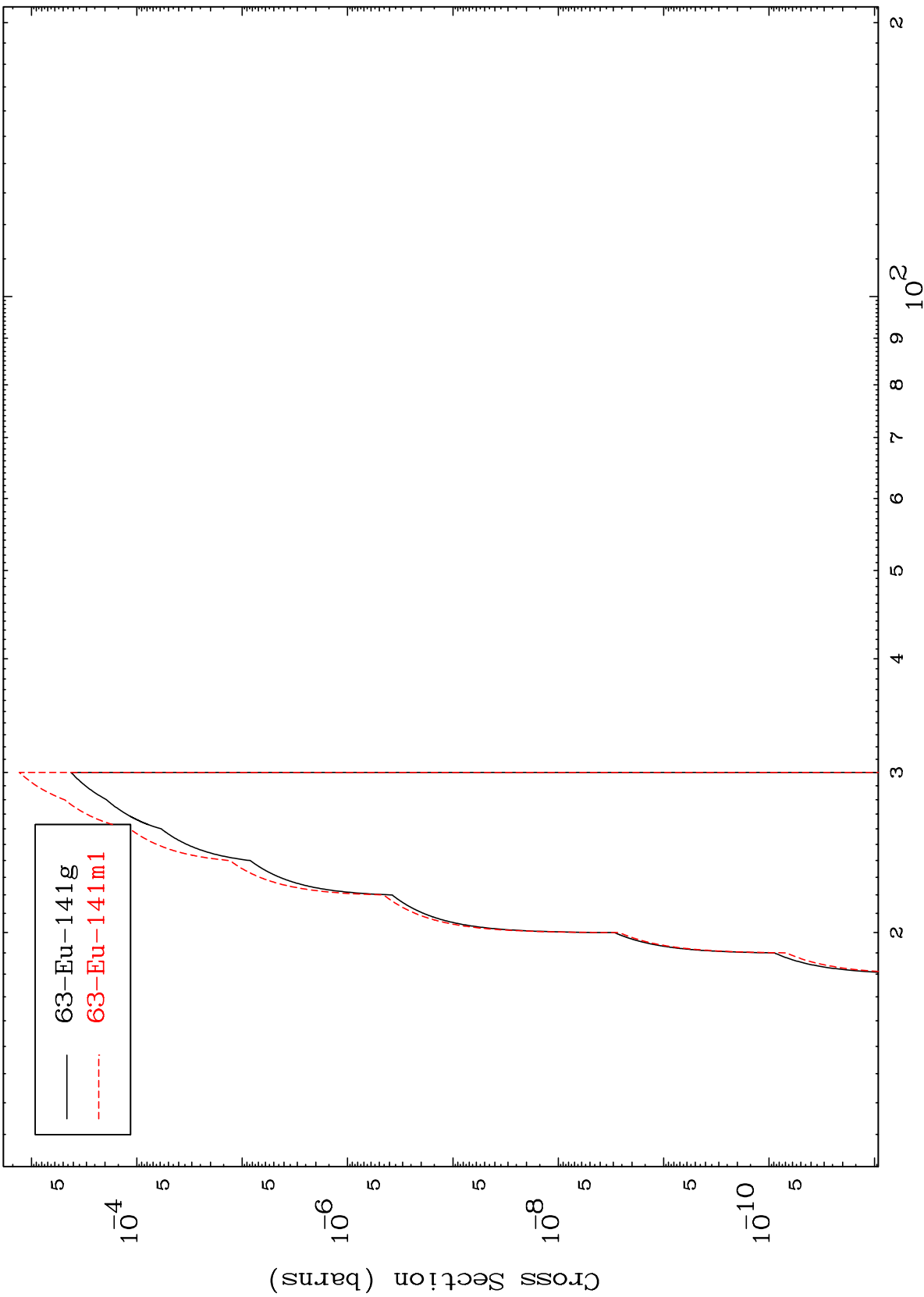
64-Gd-143

MAT 6398

(n,p) d

64-Gd-143

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-143