

Program EVALPLOT  
(Version 2018-1)

by

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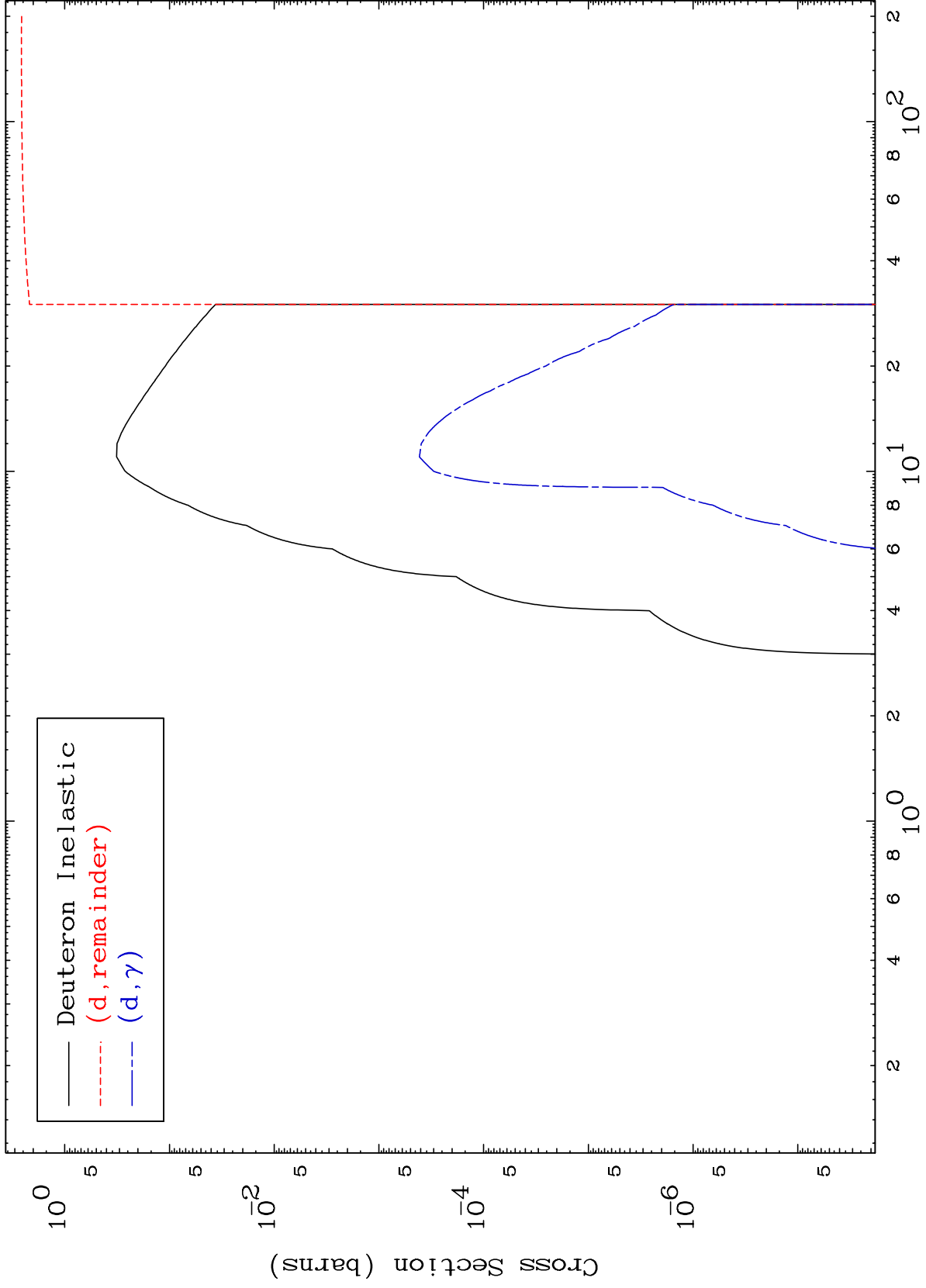
Web:redcullen1.net/HOMEPAGE.NEW

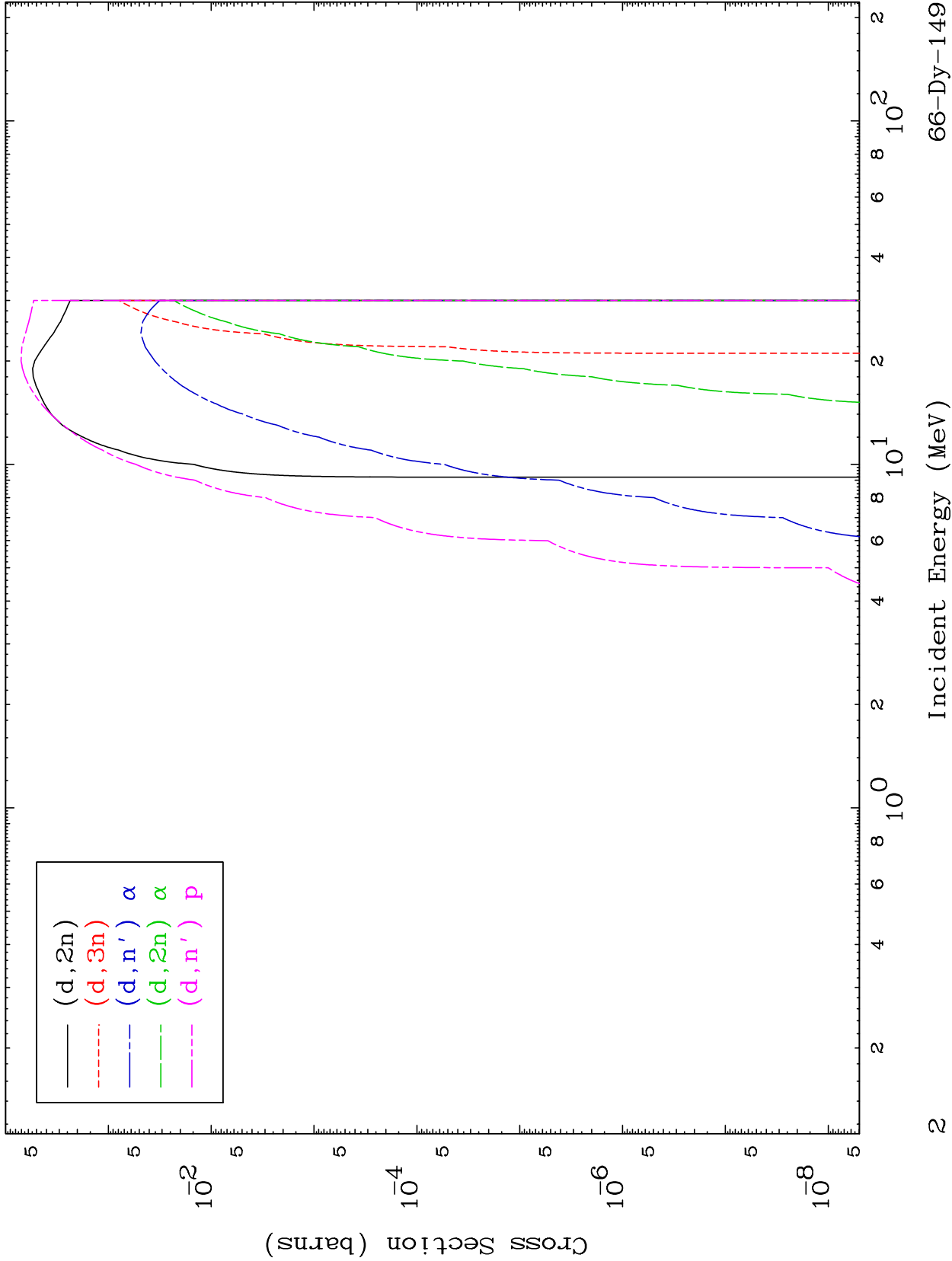
Press Mouse Button to Start

MAT 6604

Deuteron Major  
0 Kelvin Cross Sections

66-Dy-149

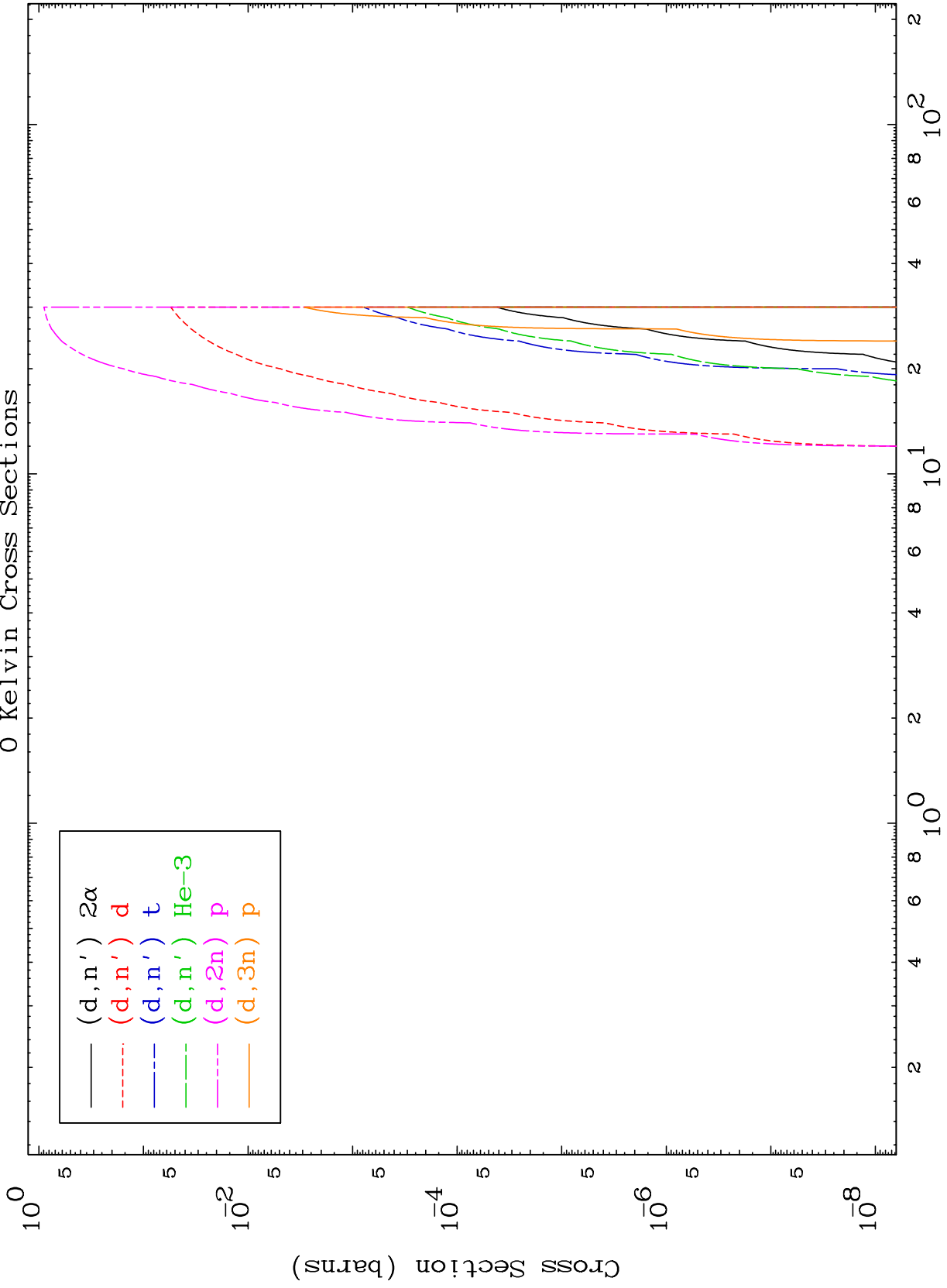




MAT 6604

Deuteron Neutron Production  
0 Kelvin Cross Sections

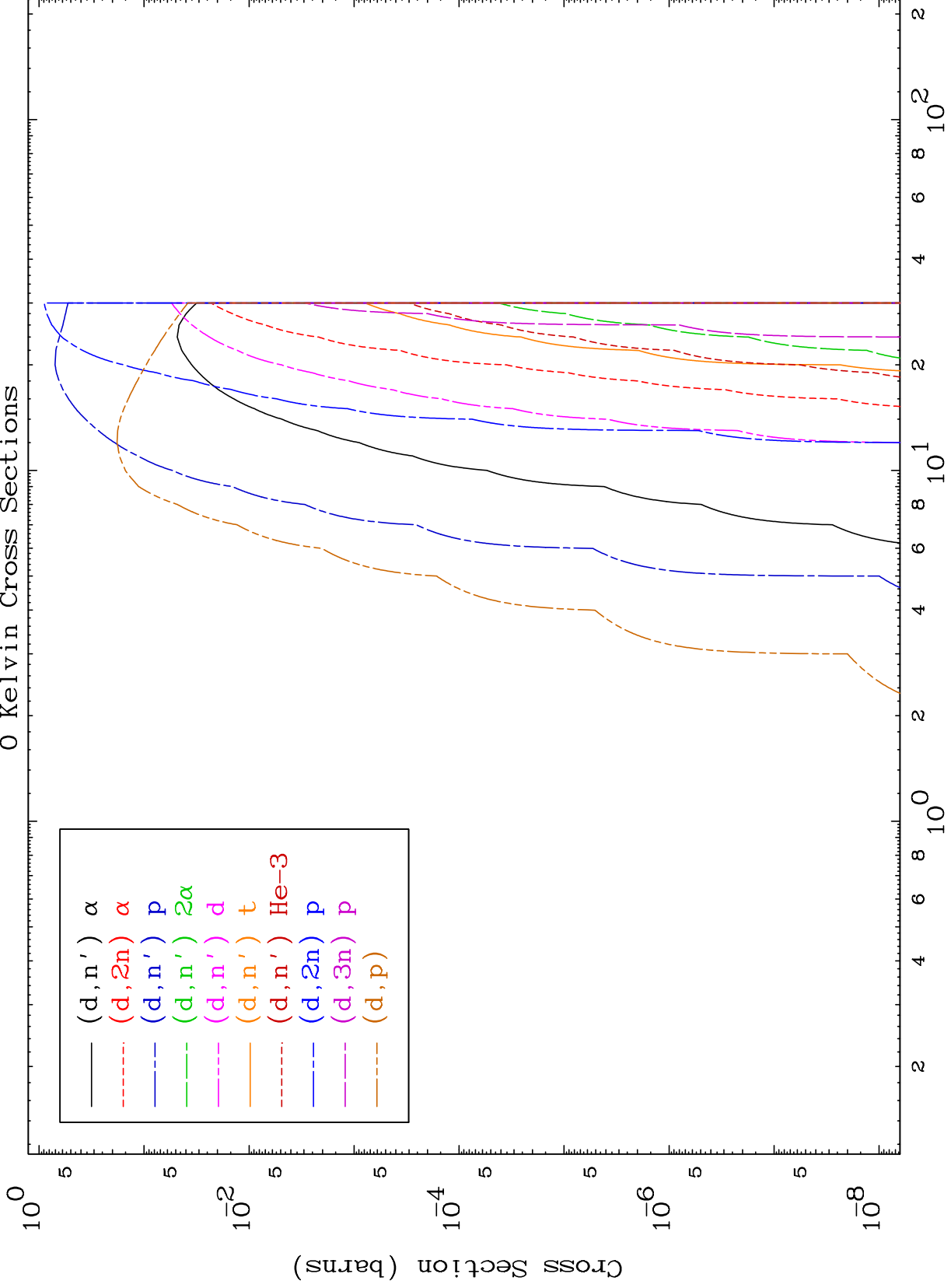
66-Dy-149

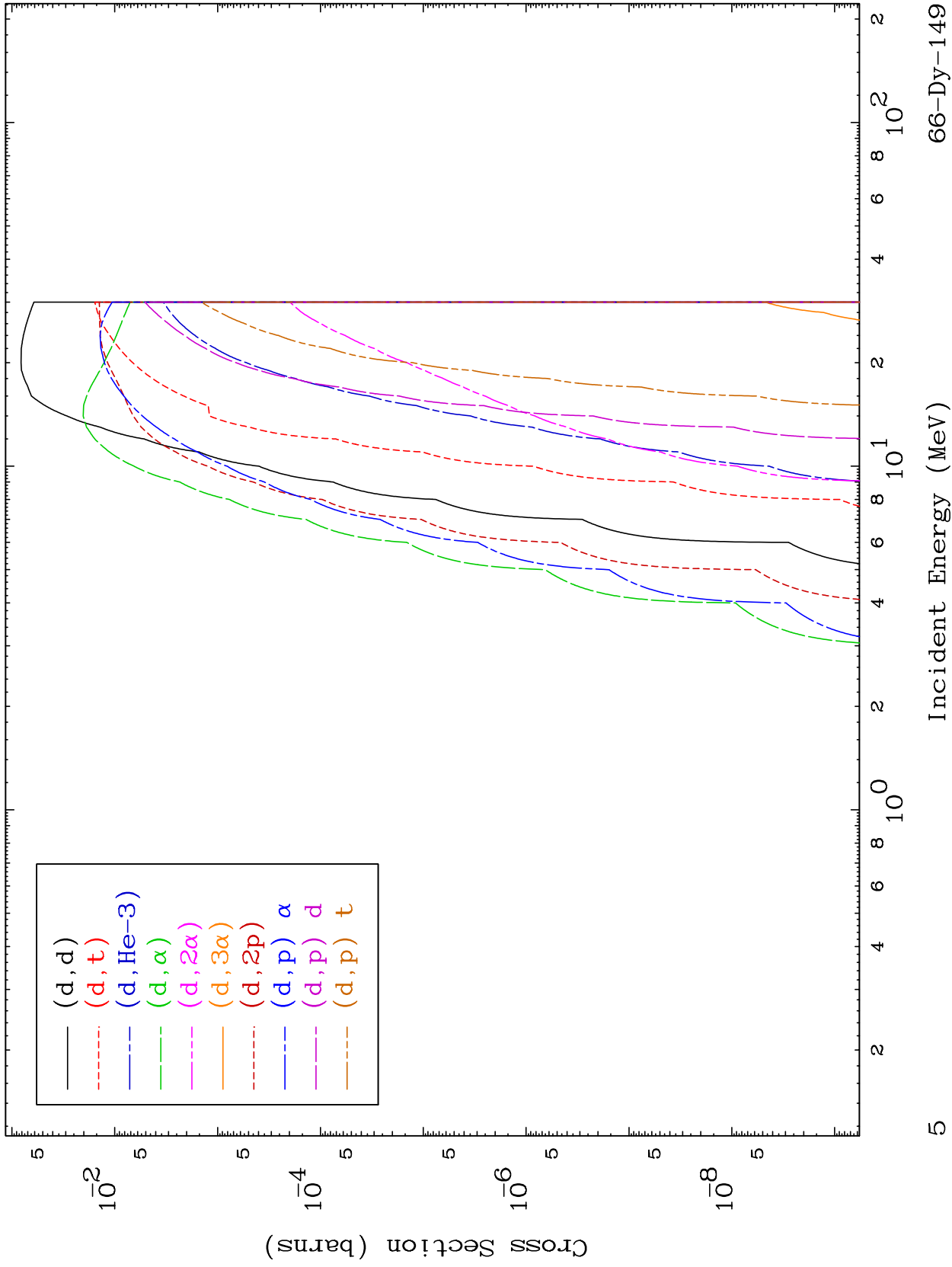


MAT 6604

Deuteron Charged Particle  
0 Kelvin Cross Sections

66-Dy-149



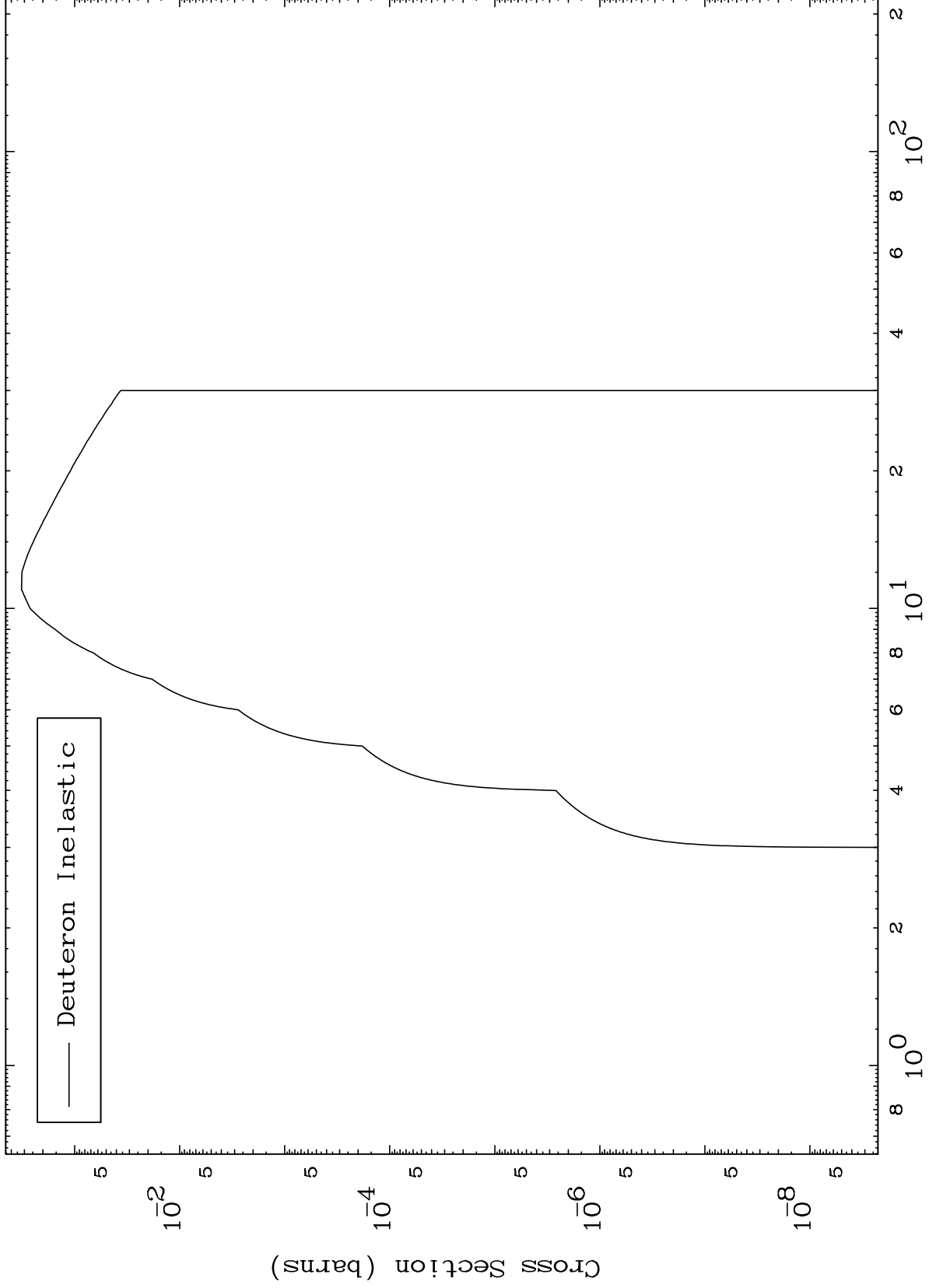


MAT 6604

(d,n') Level

66-Dy-149

0 Kelvin Cross Sections



— Deuteron Inelastic

6

Incident Energy (MeV)

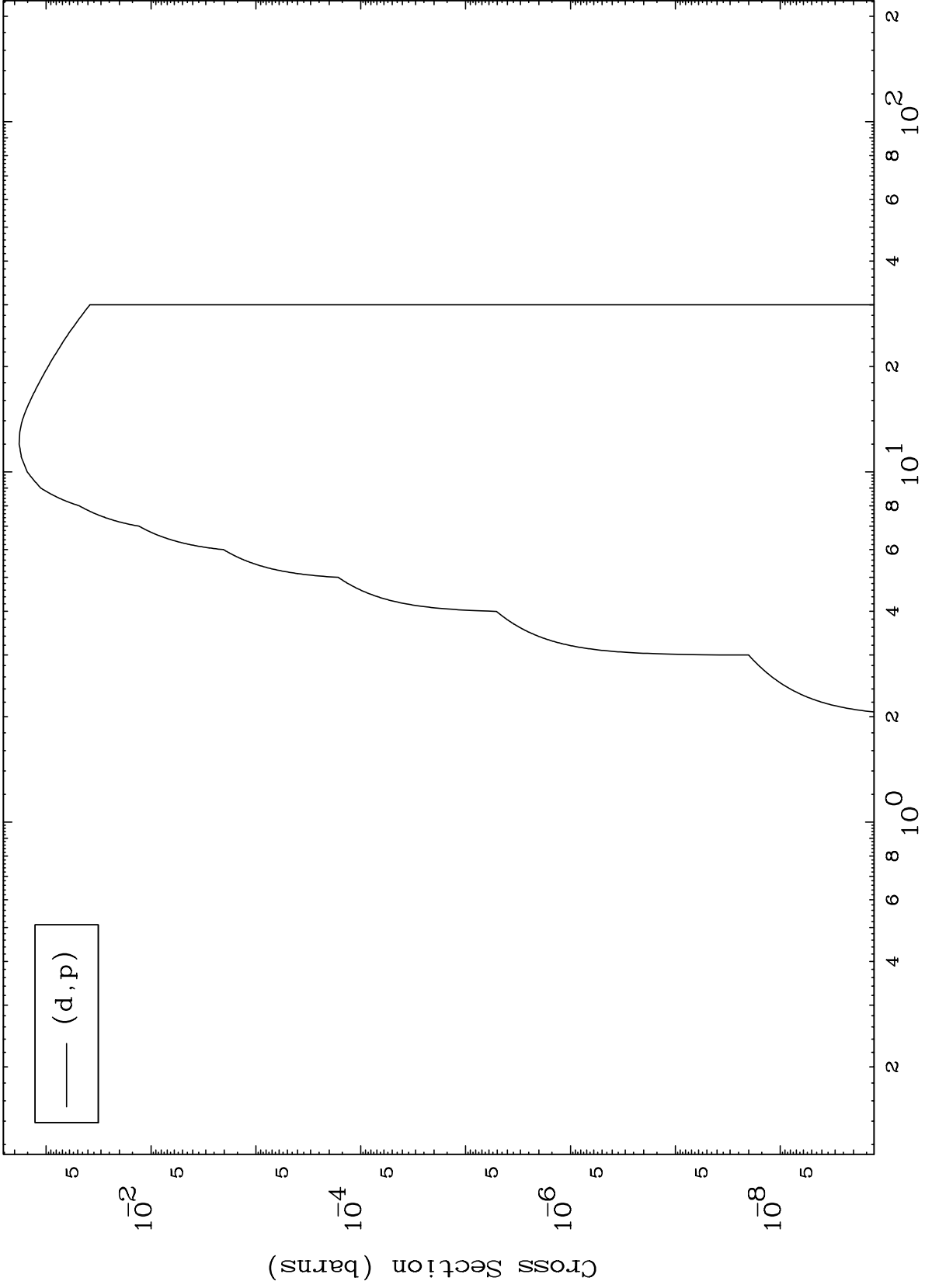
66-Dy-149

MAT 6604

(d,p) Levels

66-Dy-149

0 Kelvin Cross Sections



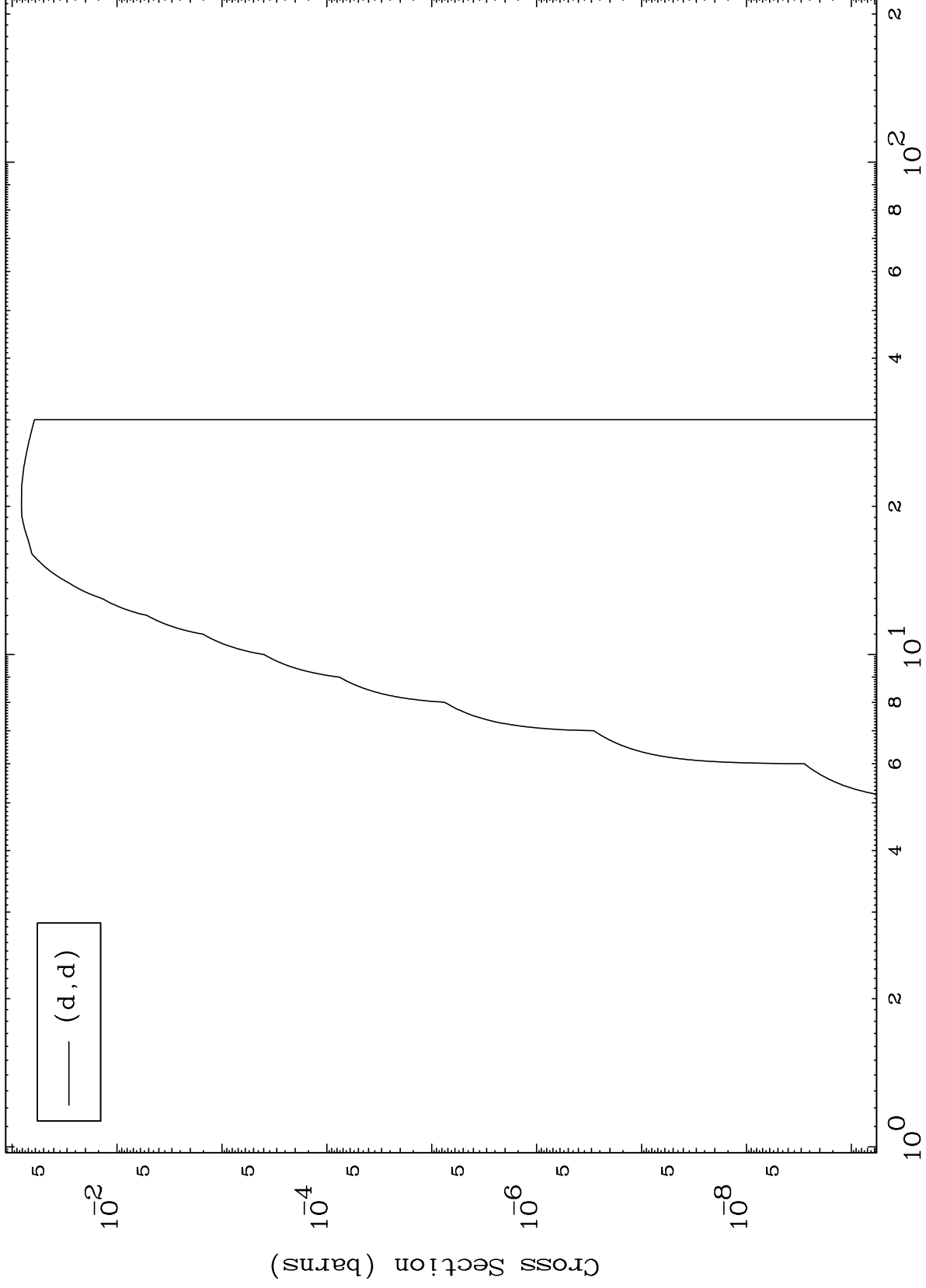


MAT 6604

(d,d) Levels

66-Dy-149

0 Kelvin Cross Sections



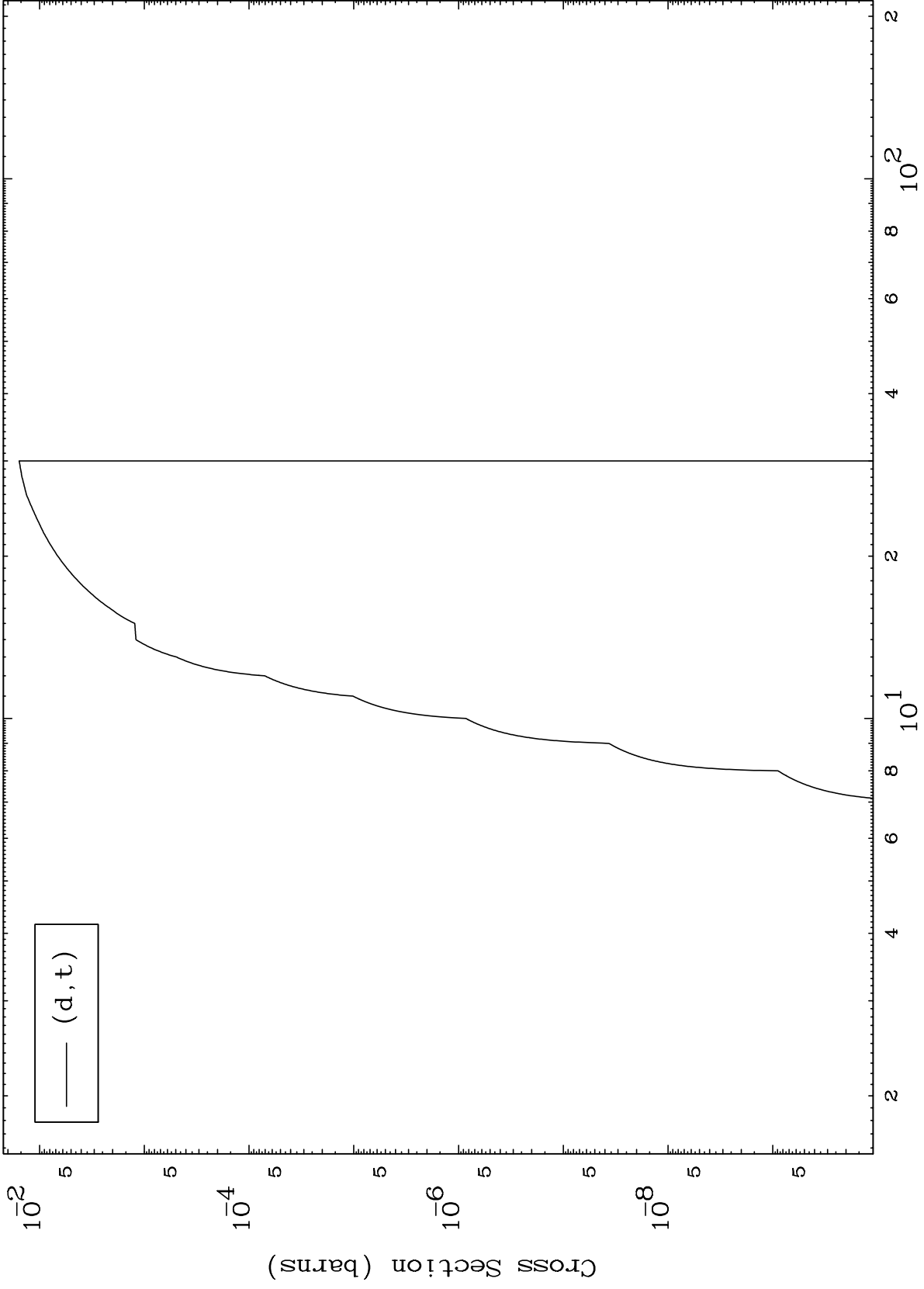
Incident Energy (MeV)

66-Dy-149

MAT 6604

(d,t) Levels  
0 Kelvin Cross Sections

66-Dy-149



9

Incident Energy (MeV)

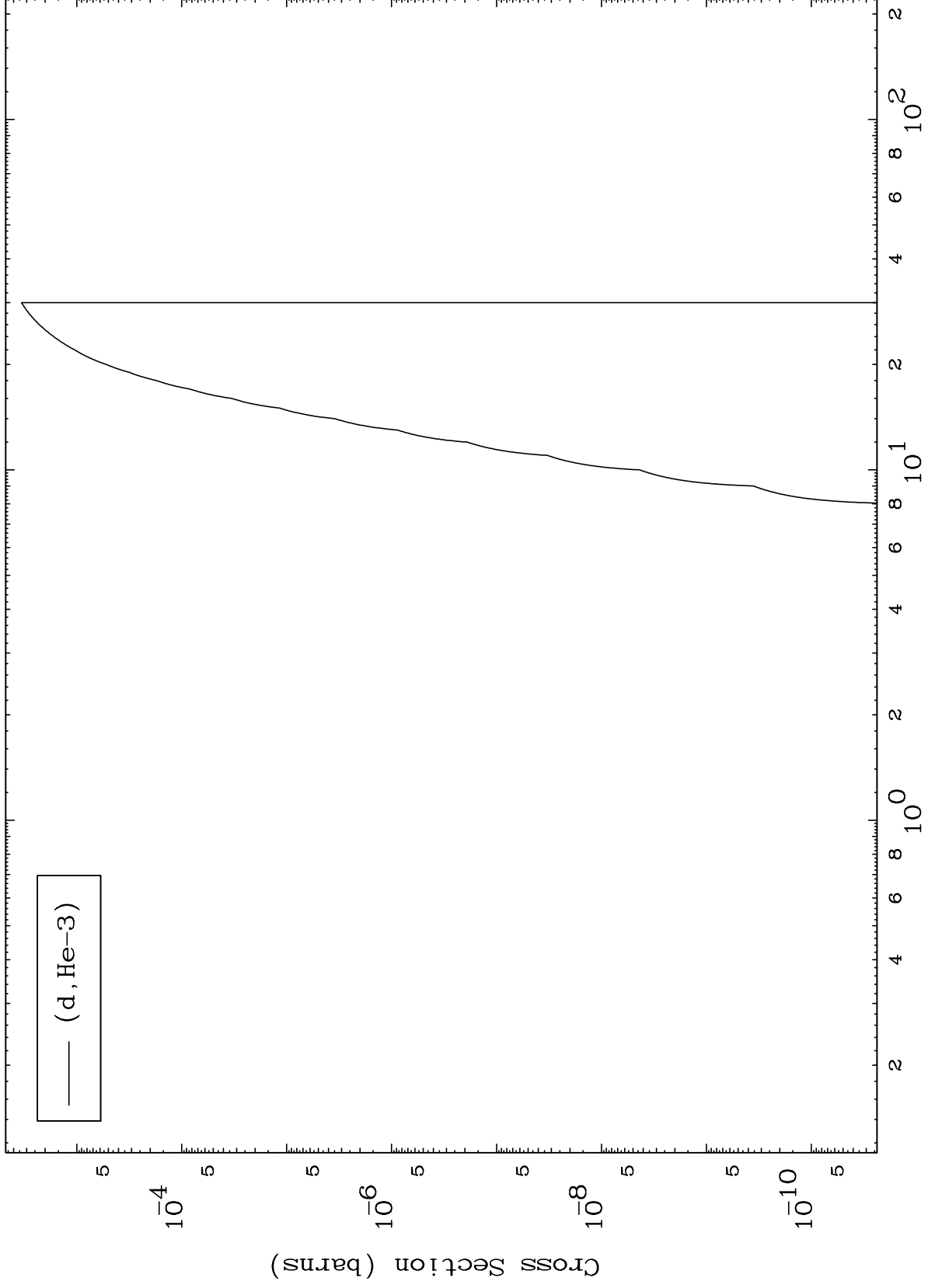
66-Dy-149

MAT 6604

(d,He3) Levels

66-Dy-149

0 Kelvin Cross Sections



10

Incident Energy (MeV)

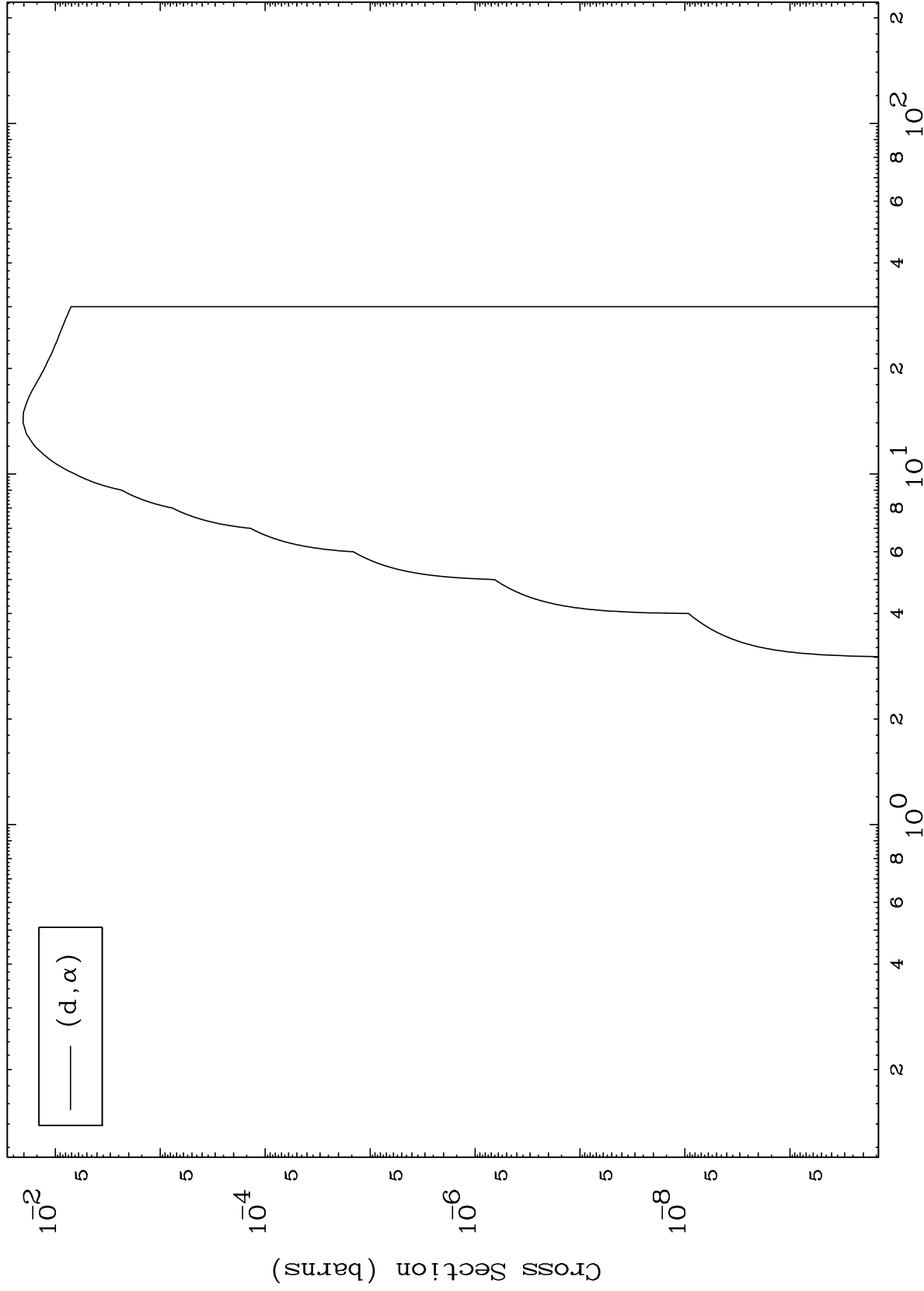
66-Dy-149

MAT 6604

(d,  $\alpha$ ) Levels

66-Dy-149

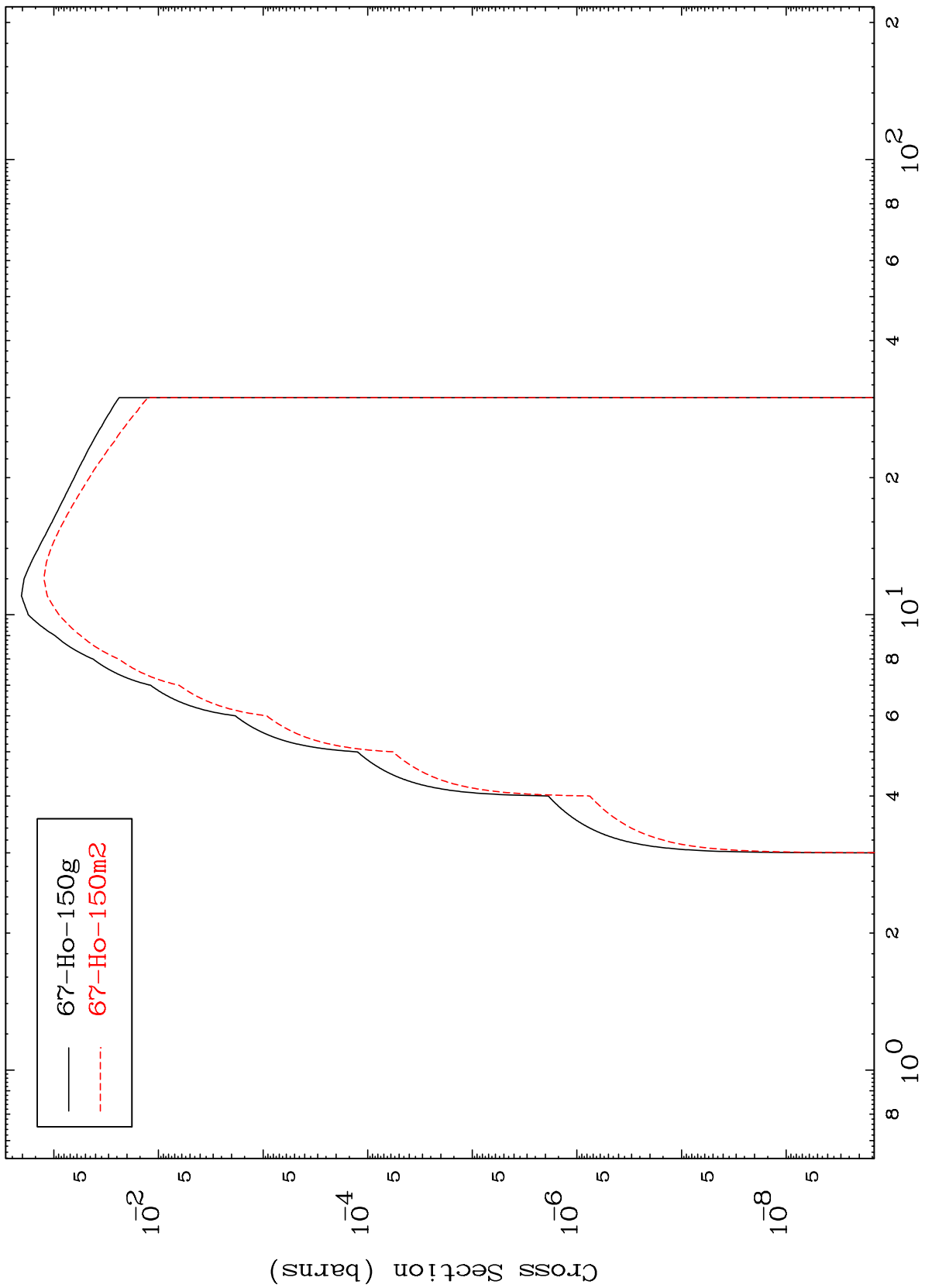
0 Kelvin Cross Sections



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66-Dy-149

Deuteron Inelastic  
Radionuclide Production Cross Section



66-Dy-149

Incident Energy (MeV)

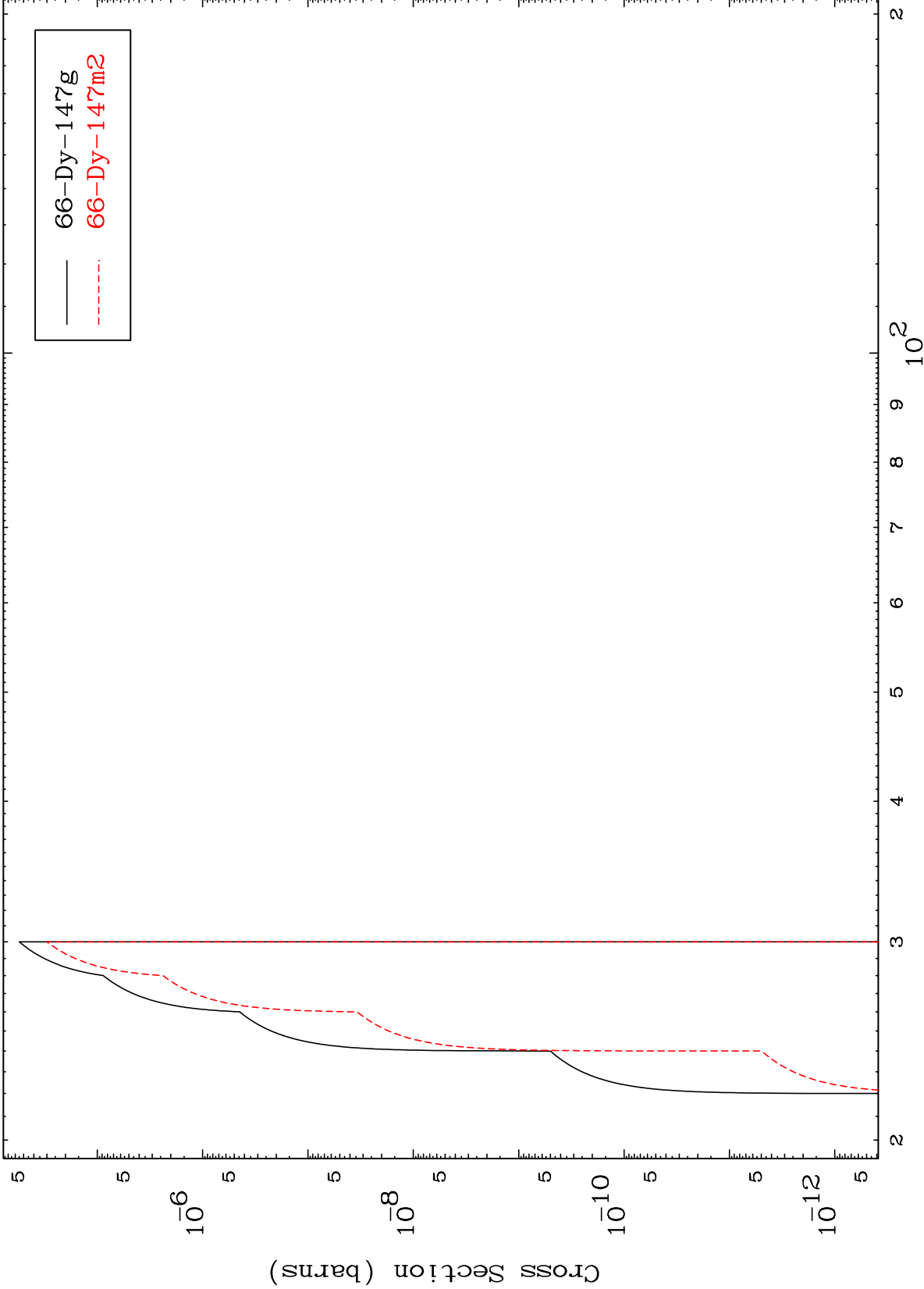
12

MAT 6604

(d,2n) d

66-Dy-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

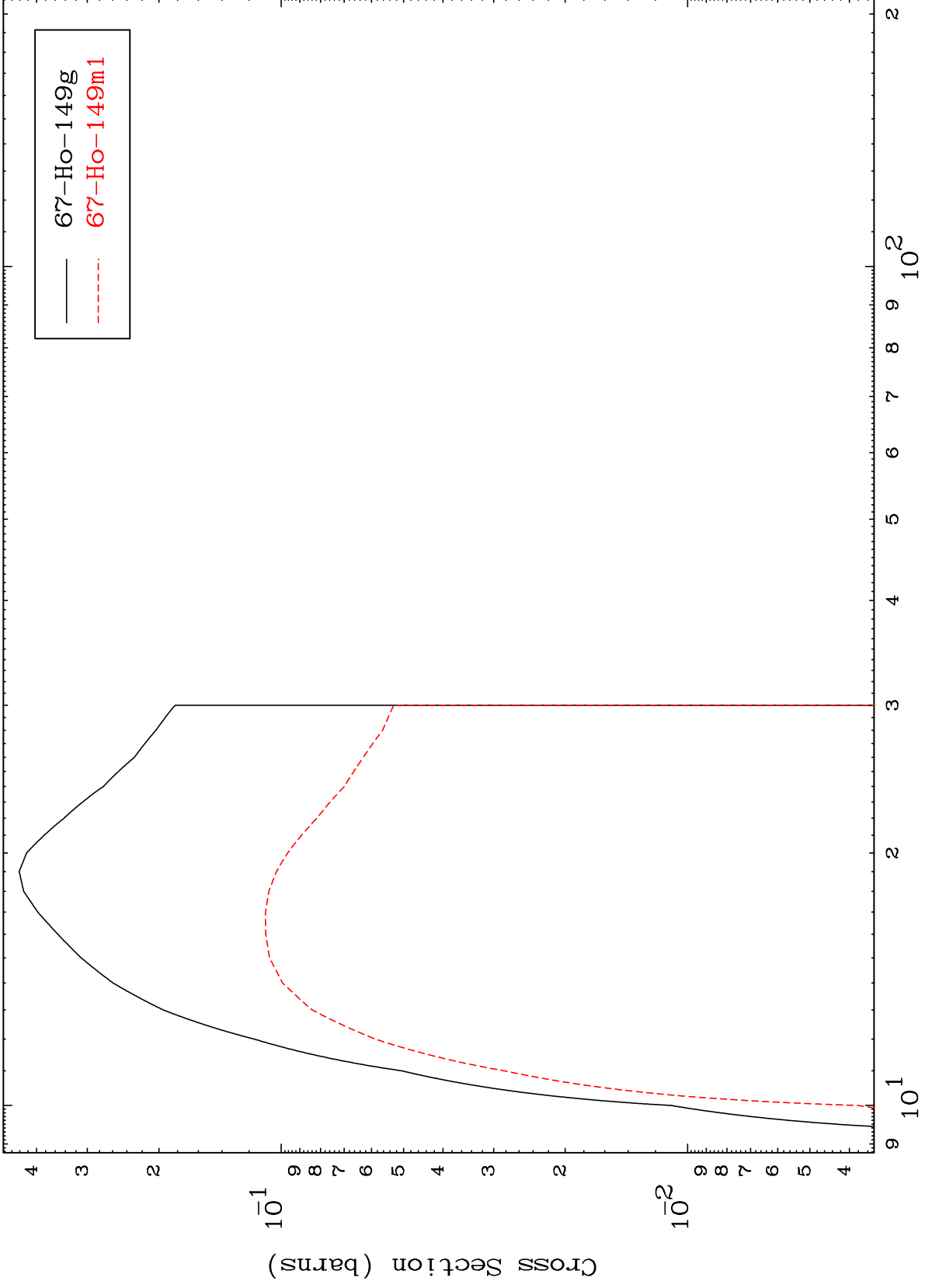
66-Dy-149

MAT 6604

(d,2n)

66-Dy-149

Radionuclide Production Cross Section



Incident Energy (MeV)

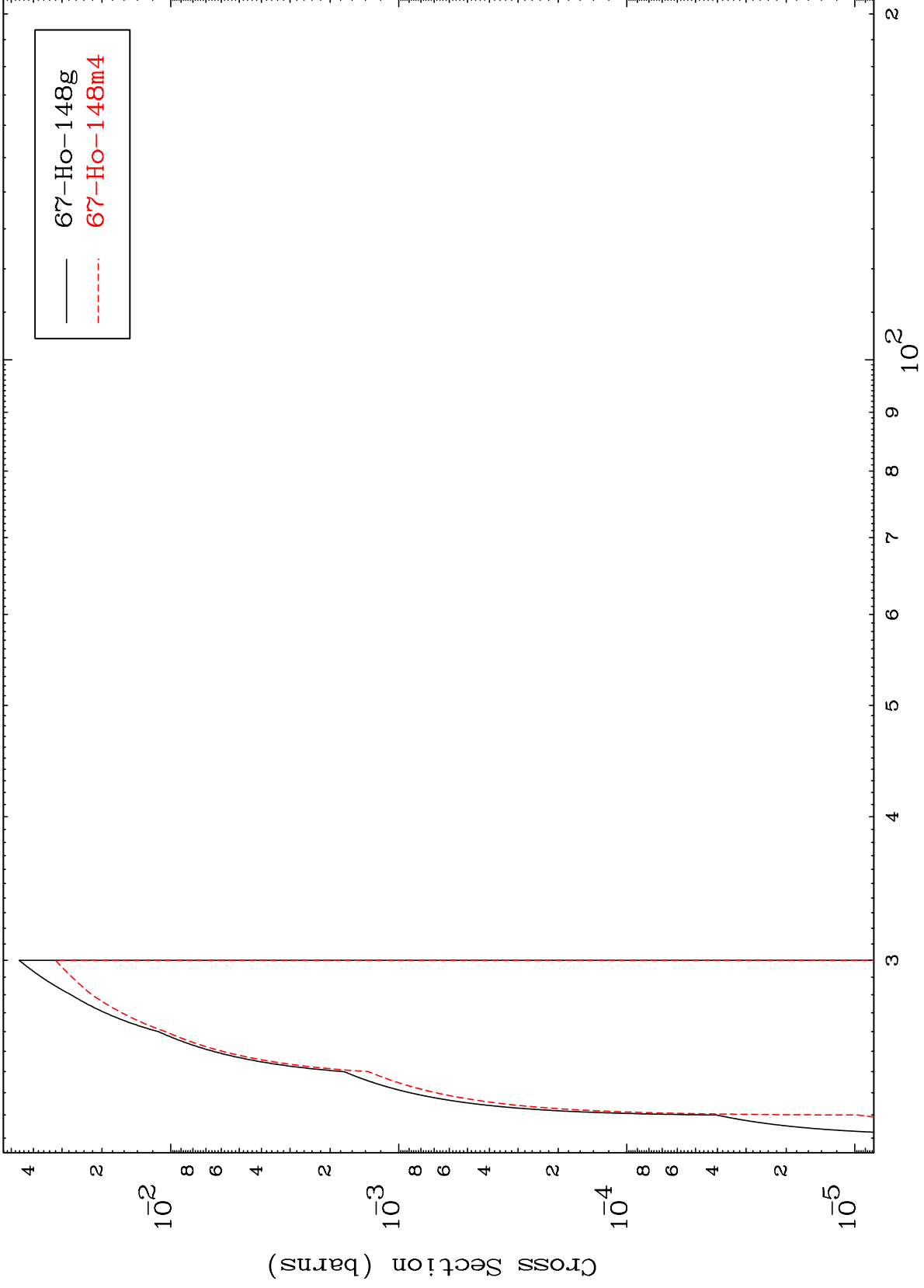
66-Dy-149

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(d,3n)

66-Dy-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

66-Dy-149

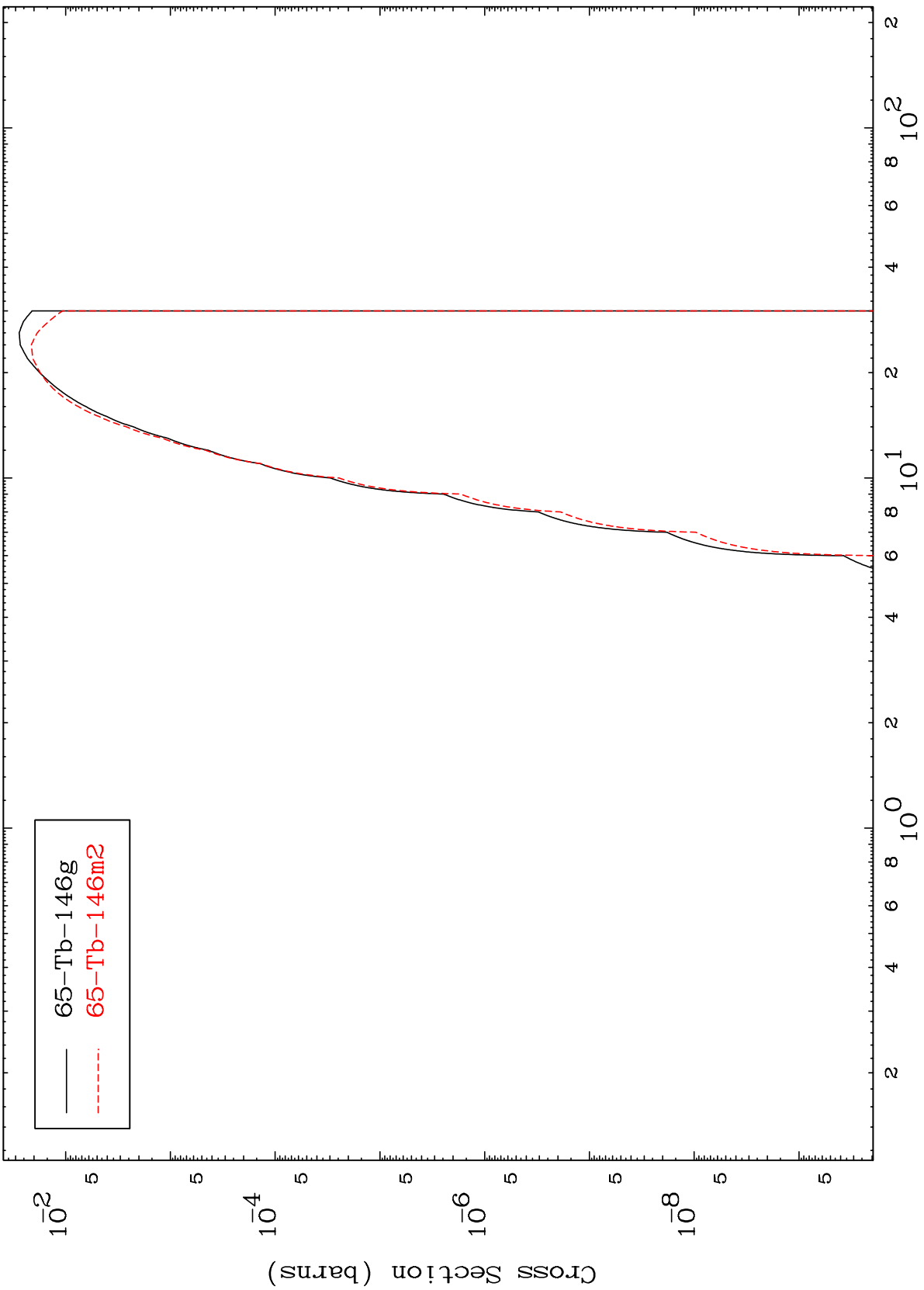


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(d,n')  $\alpha$

66-Dy-149

Radionuclide Production Cross Section



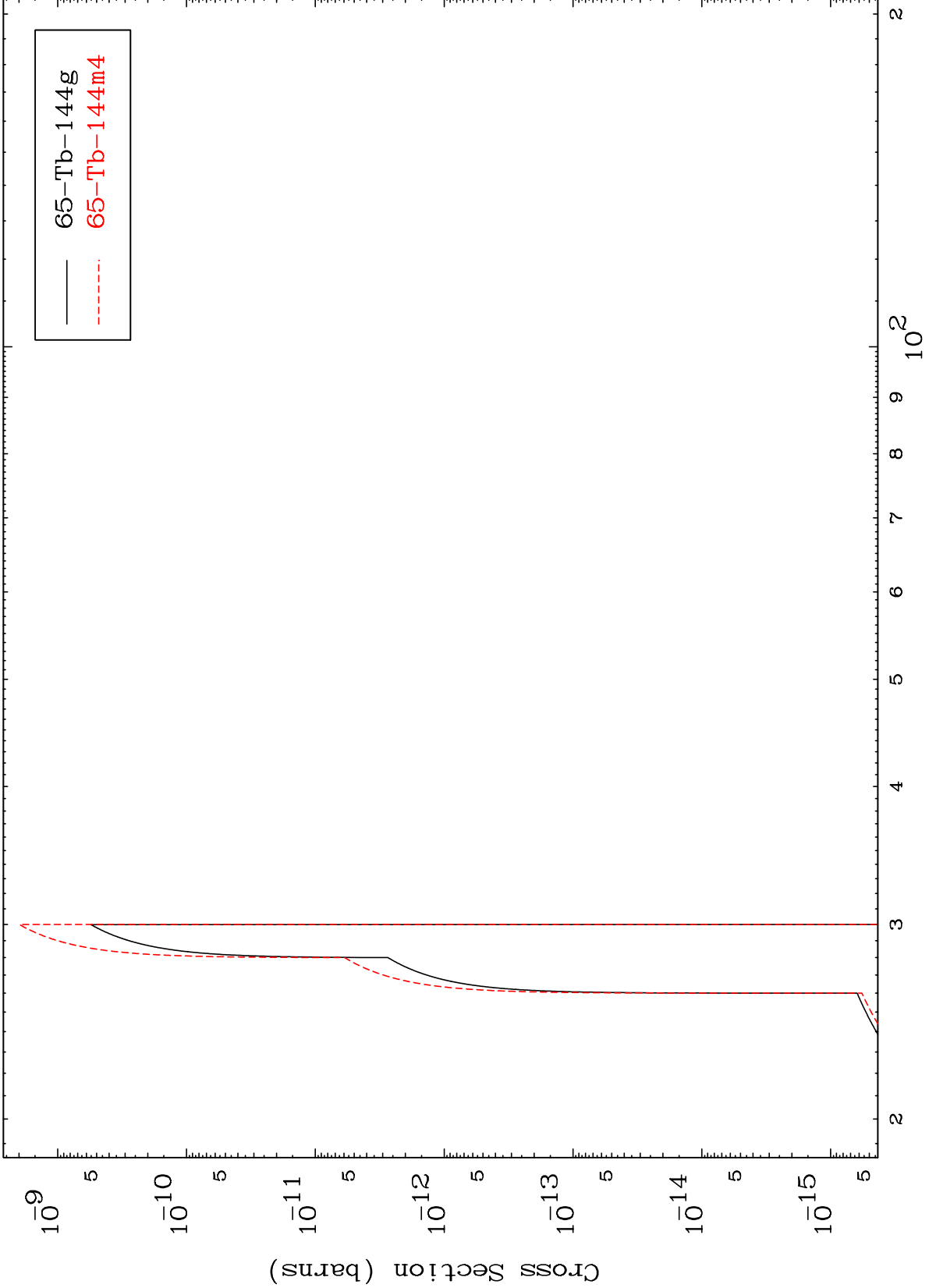
— 65-Tb-146g  
- - - 65-Tb-146m2

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(d,3n)  $\alpha$

66-Dy-149

Radionuclide Production Cross Section



17

Incident Energy (MeV)

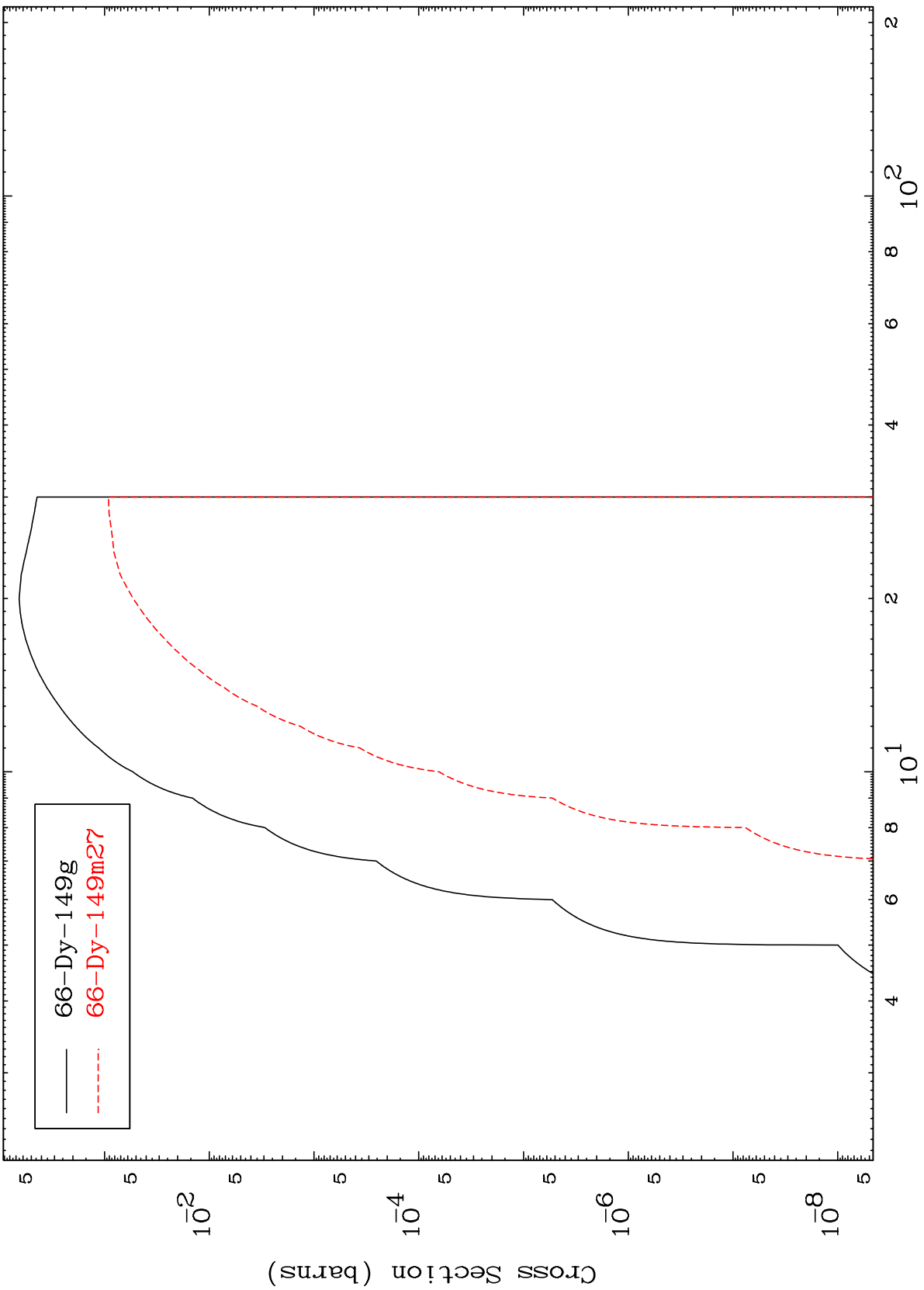
66-Dy-149

MAT 6604

(d,n') p

66-Dy-149

Radionuclide Production Cross Section



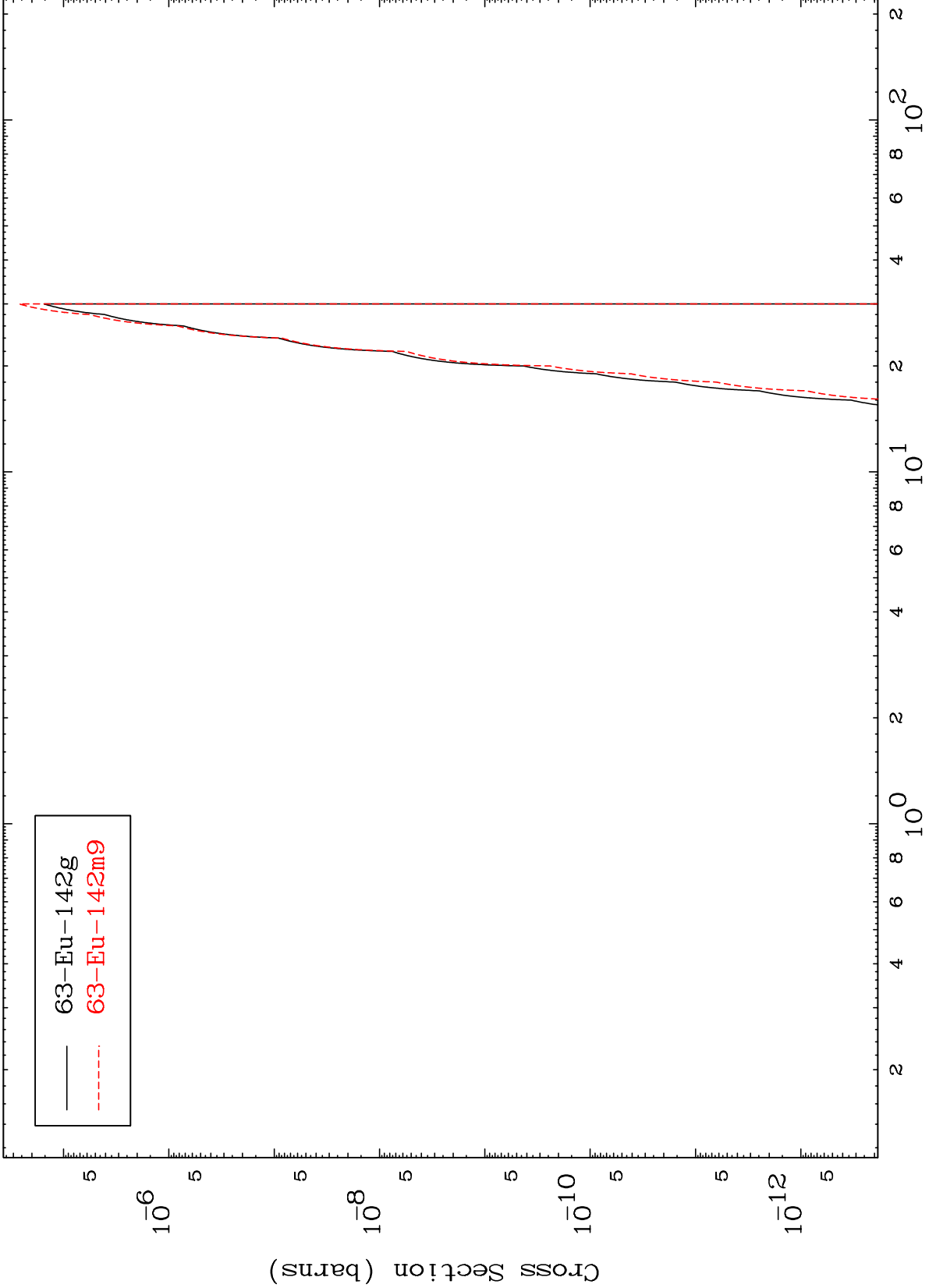
Legend:  
— 66-Dy-149g  
- - - 66-Dy-149m27

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(d,n') 2 $\alpha$

66-Dy-149

Radionuclide Production Cross Section



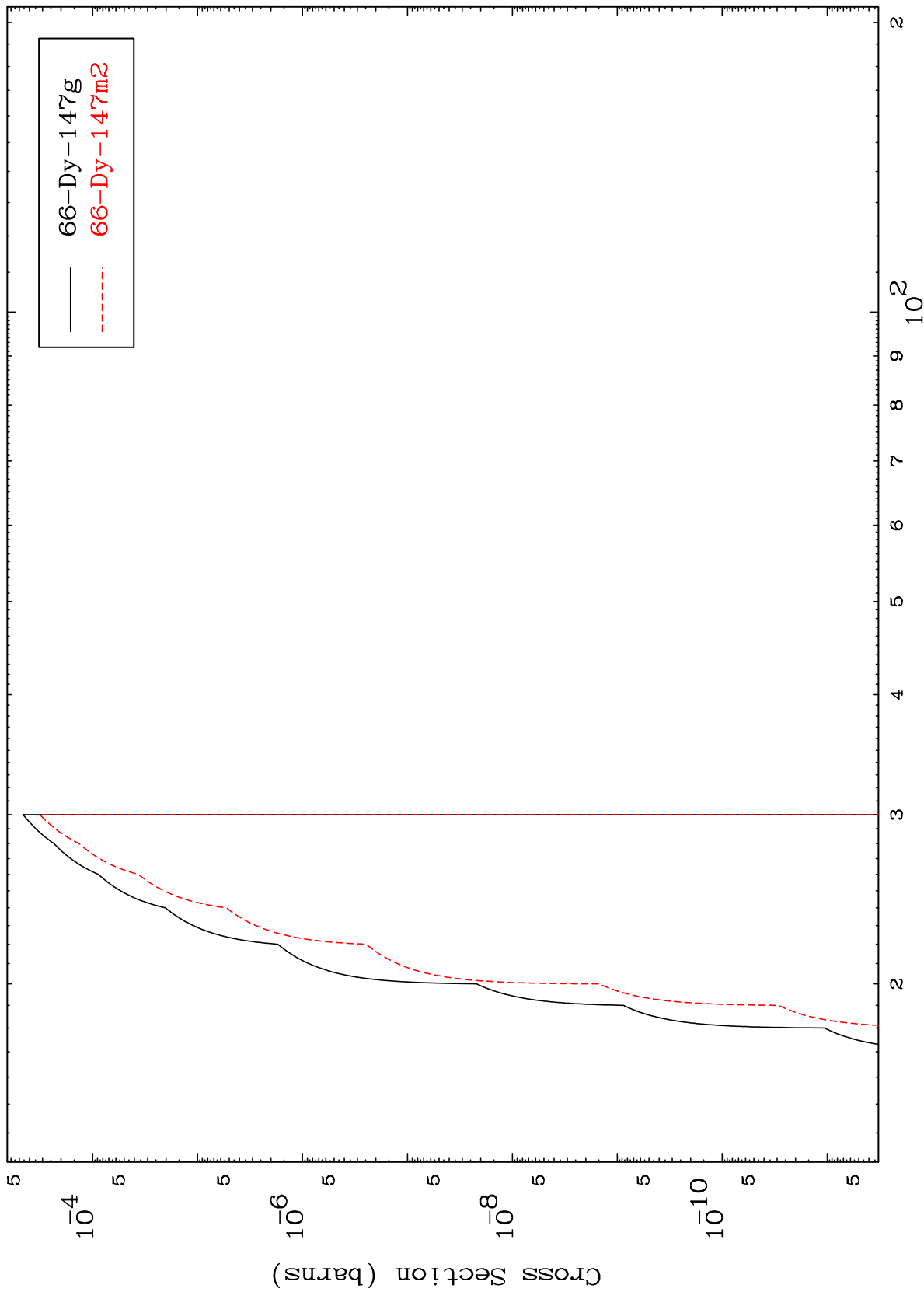
63-Eu-142g  
63-Eu-142m9

MAT 6604

(d,n') t

66-Dy-149

Radionuclide Production Cross Section



20

Incident Energy (MeV)

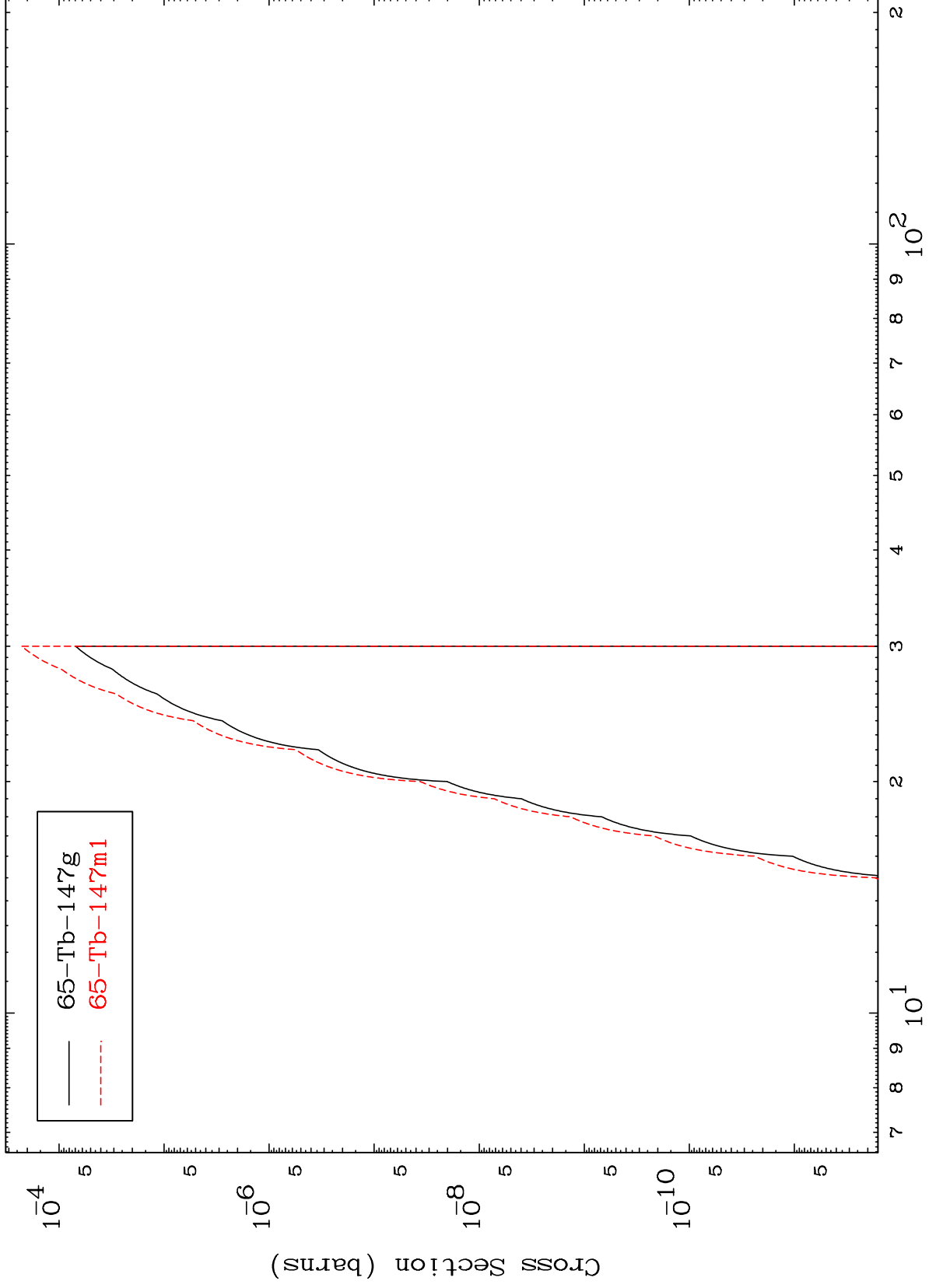
66-Dy-149

MAT 6604

(d,n') He-3

66-Dy-149

Radionuclide Production Cross Section



21

Incident Energy (MeV)

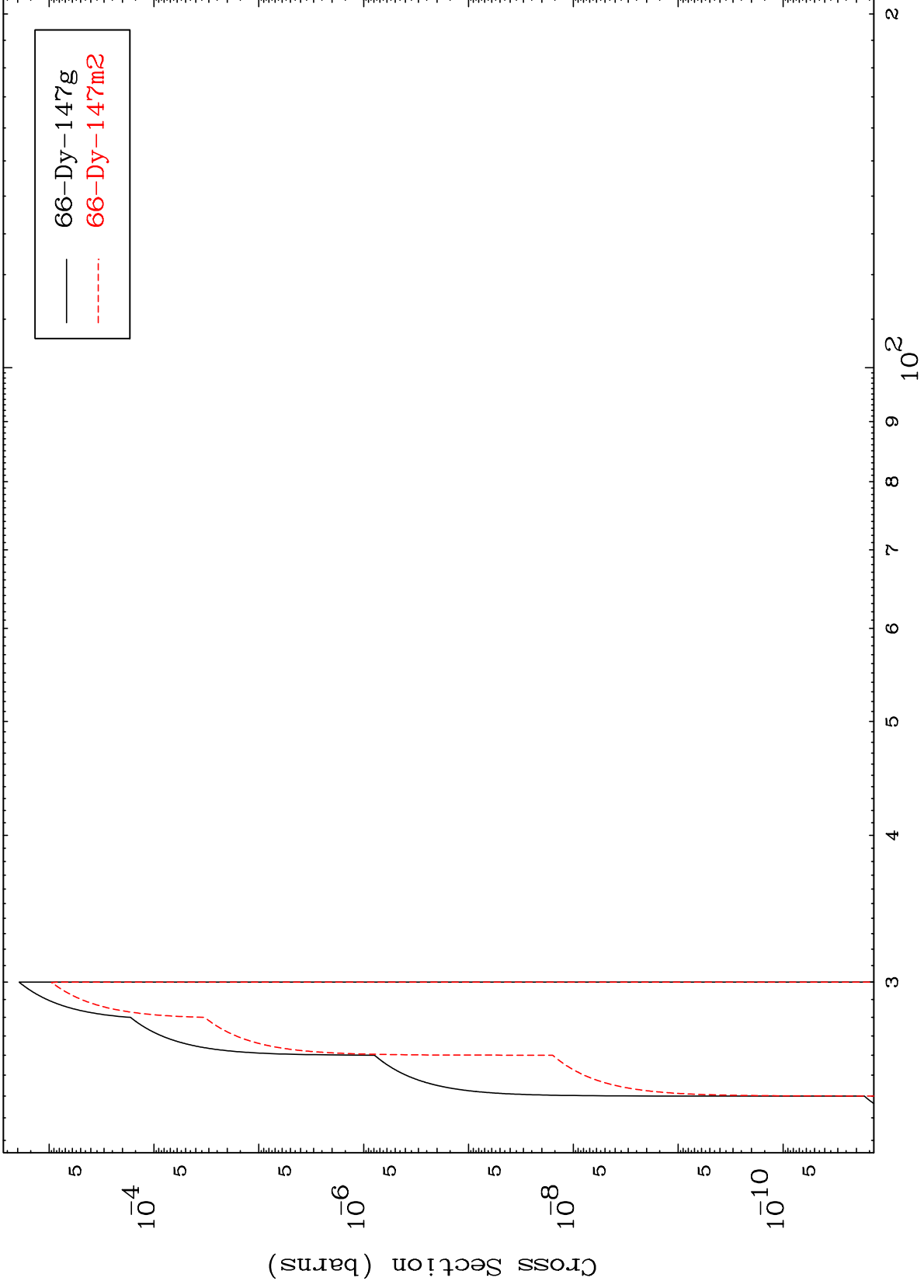
66-Dy-149

MAT 6604

(d,3n) p

66-Dy-149

Radionuclide Production Cross Section



22

Incident Energy (MeV)

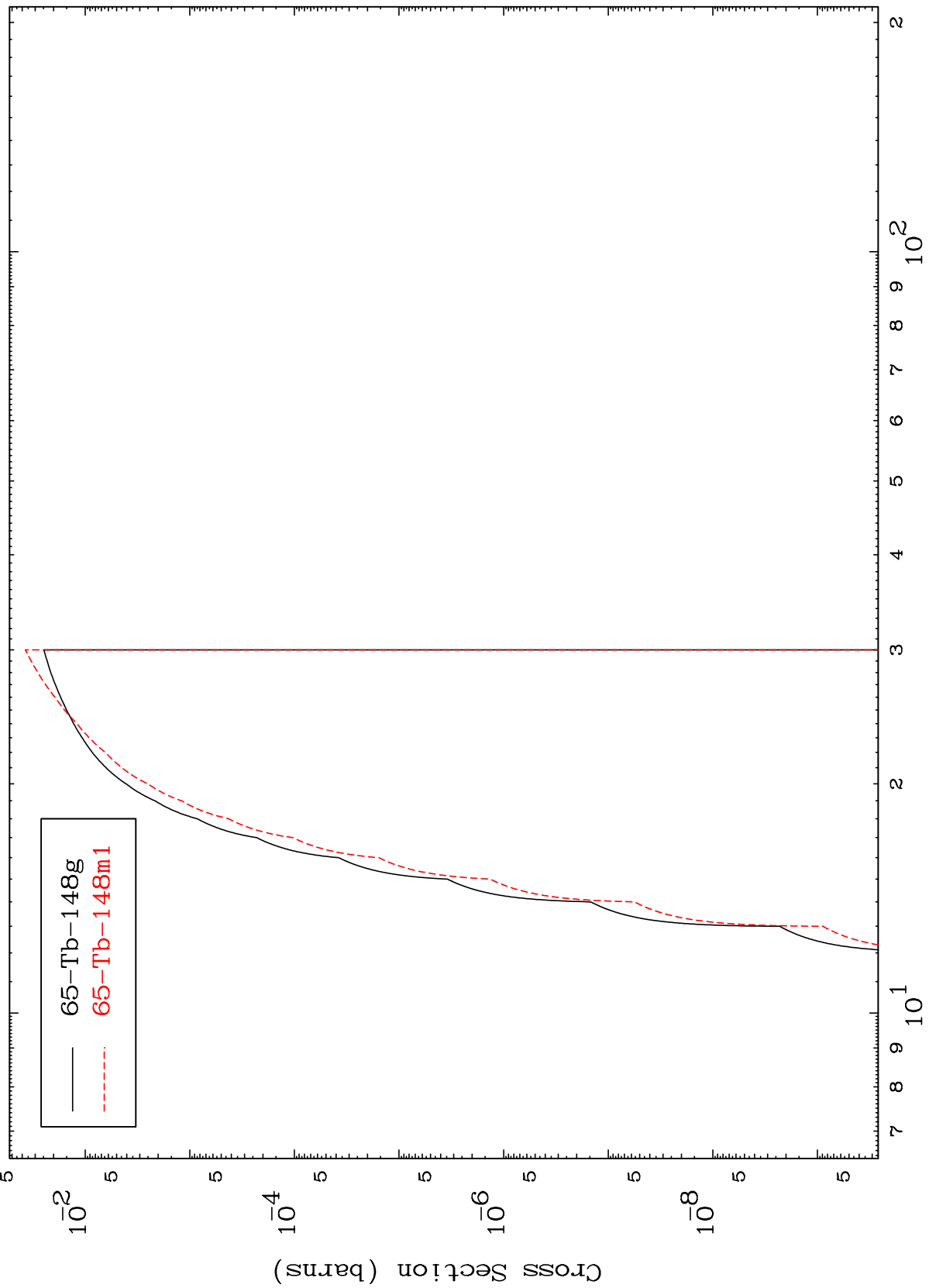
66-Dy-149

MAT 6604

(d,2n) p

66-Dy-149

Radionuclide Production Cross Section



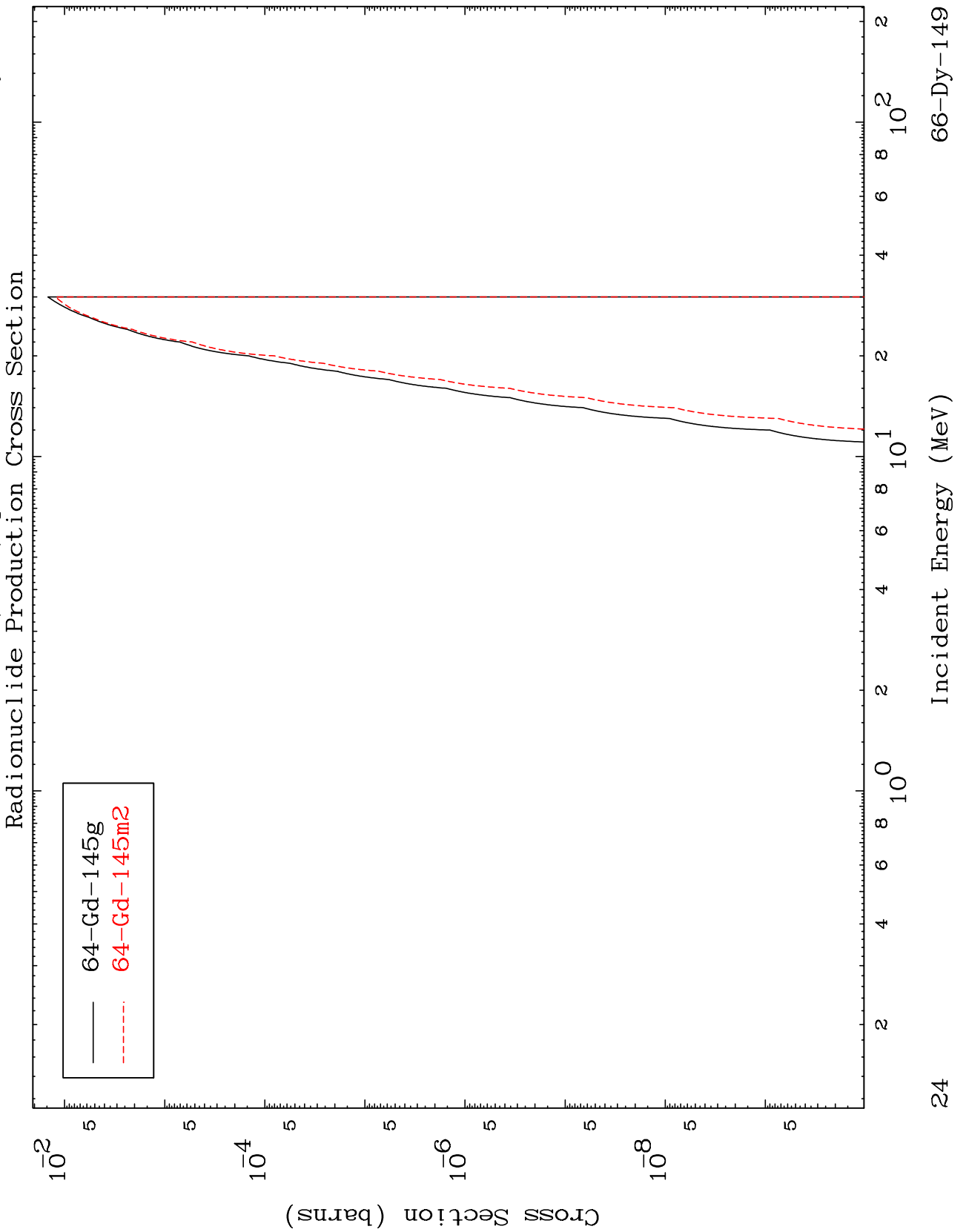
65-Tb-148g  
65-Tb-148m1



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(d,n') p  $\alpha$

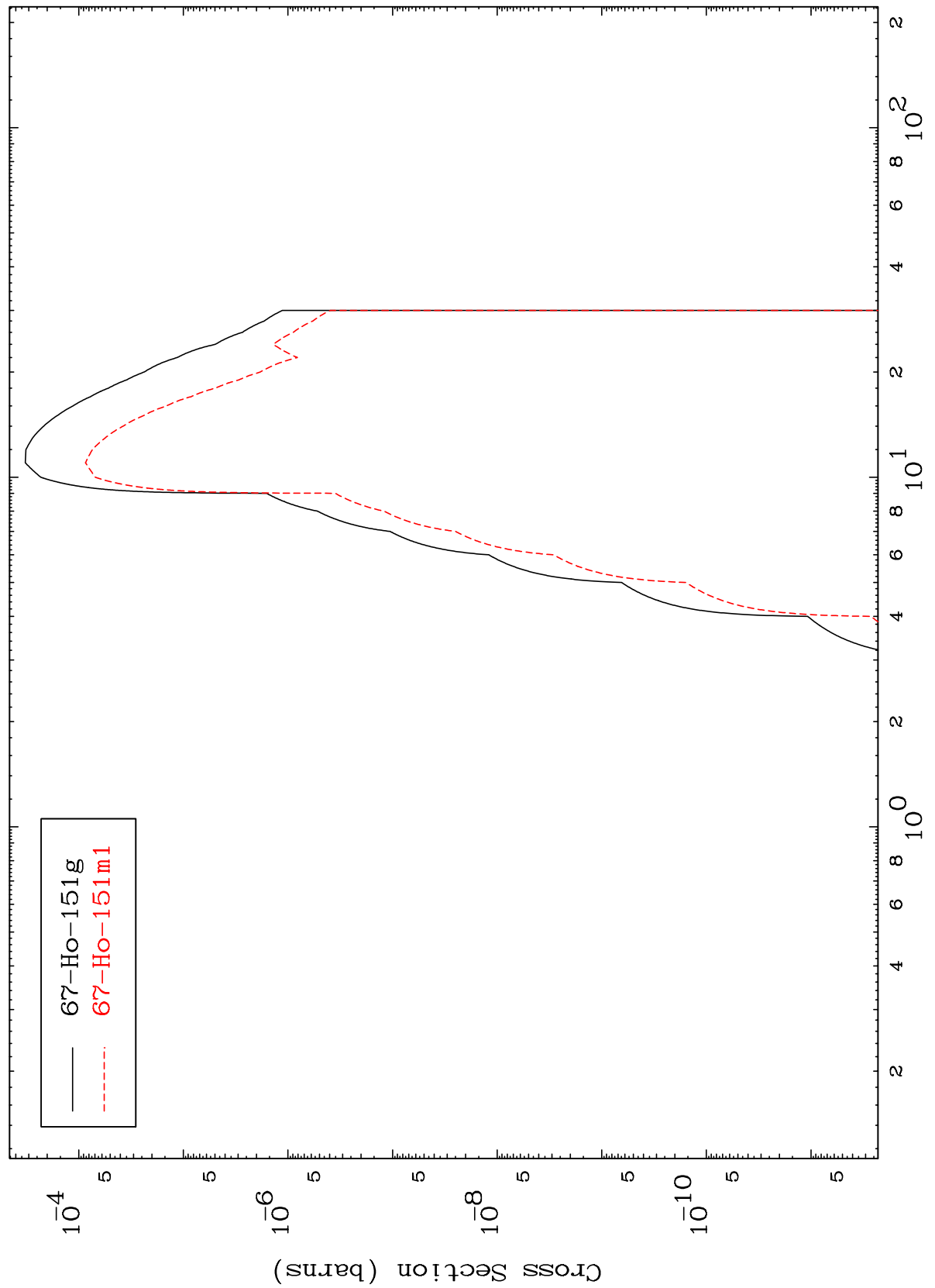
66-Dy-149



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66-Dy-149

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



25

66-Dy-149

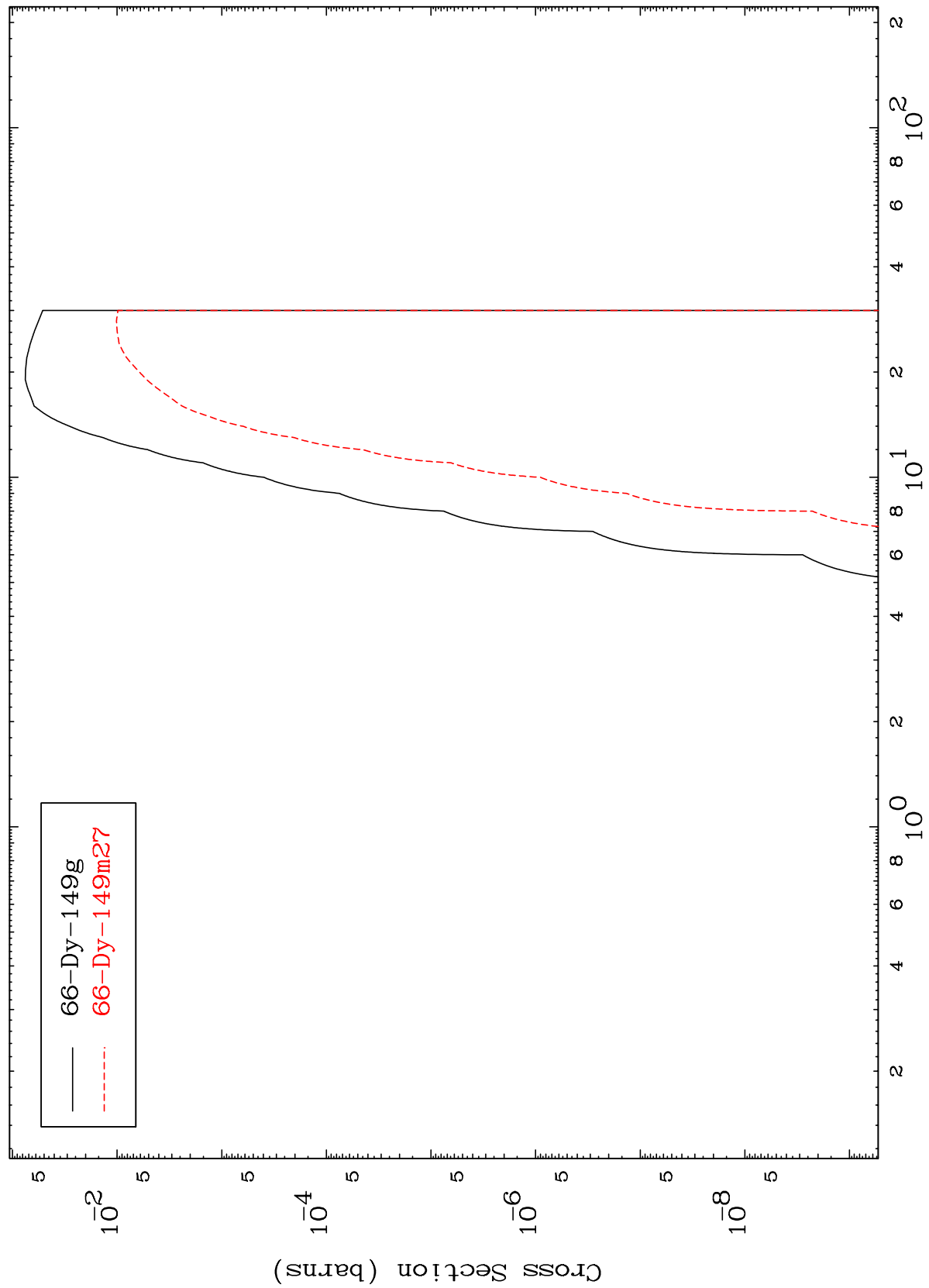
Incident Energy (MeV)

MAT 6604

(d,d)

66-Dy-149

Radionuclide Production Cross Section



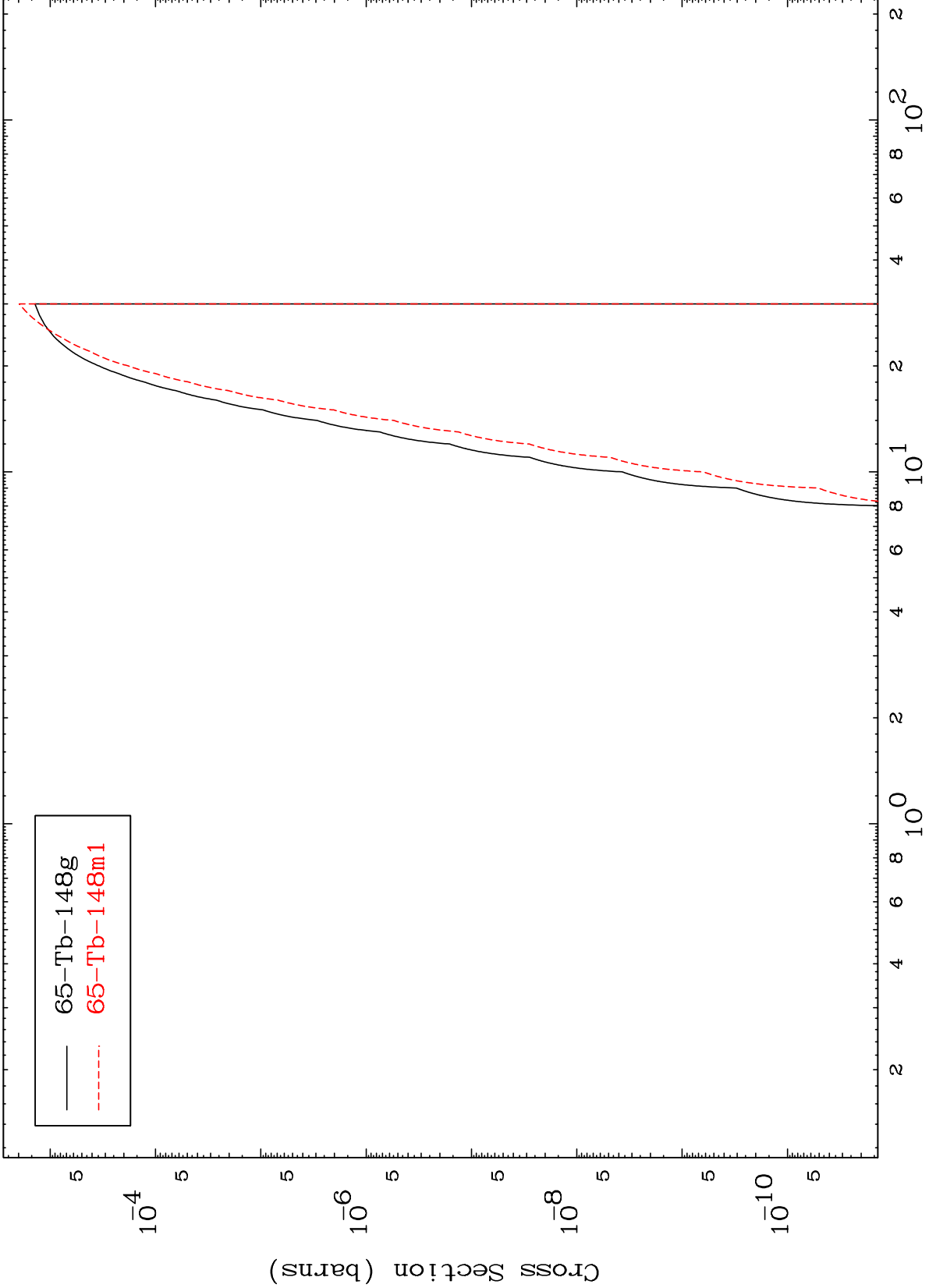
66-Dy-149g  
66-Dy-149m27

MAT 6604

(d,He-3)

66-Dy-149

Radionuclide Production Cross Section



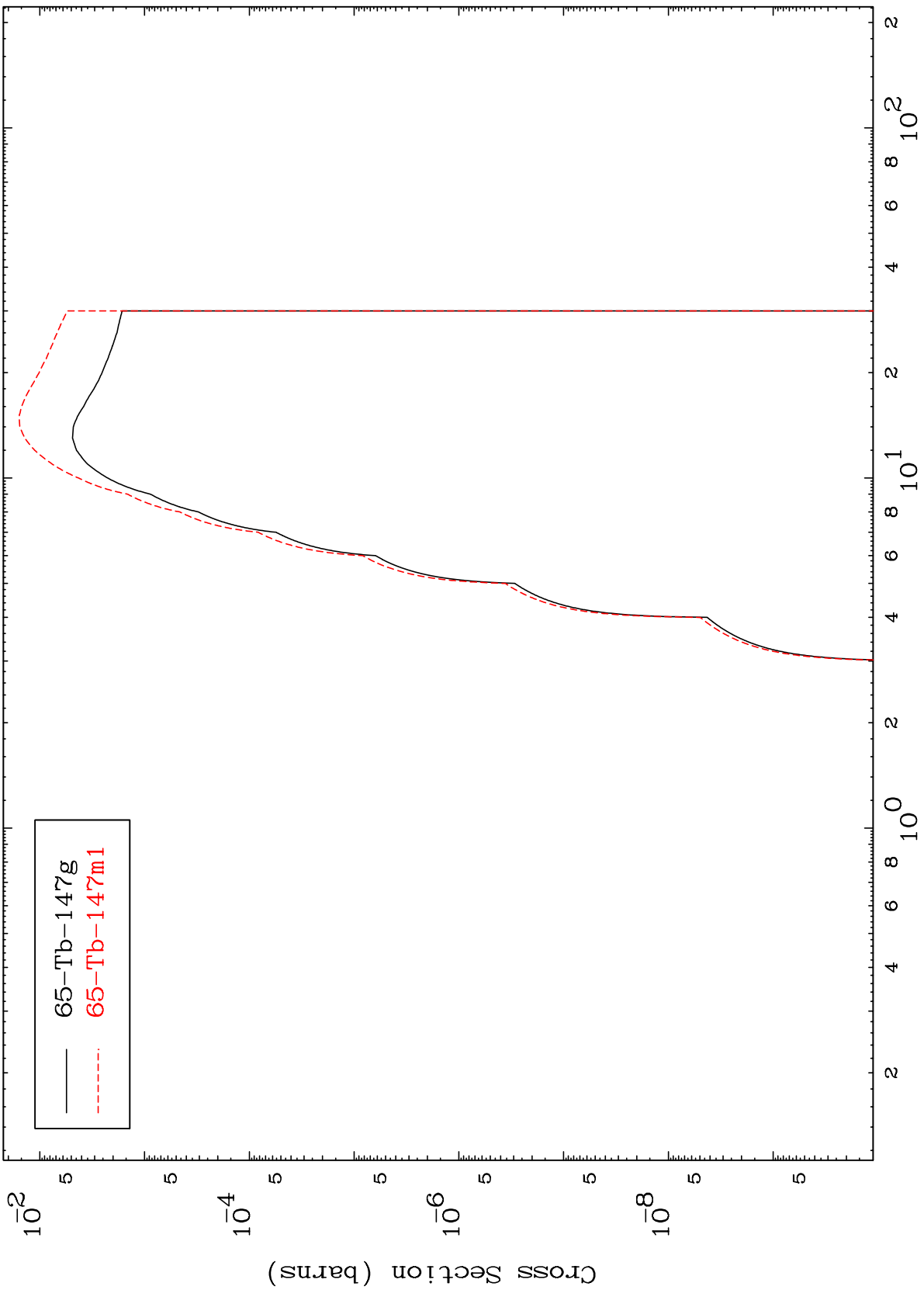
65-Tb-148g  
65-Tb-148m1

MAT 6604

(d,  $\alpha$ )

66-Dy-149

Radionuclide Production Cross Section

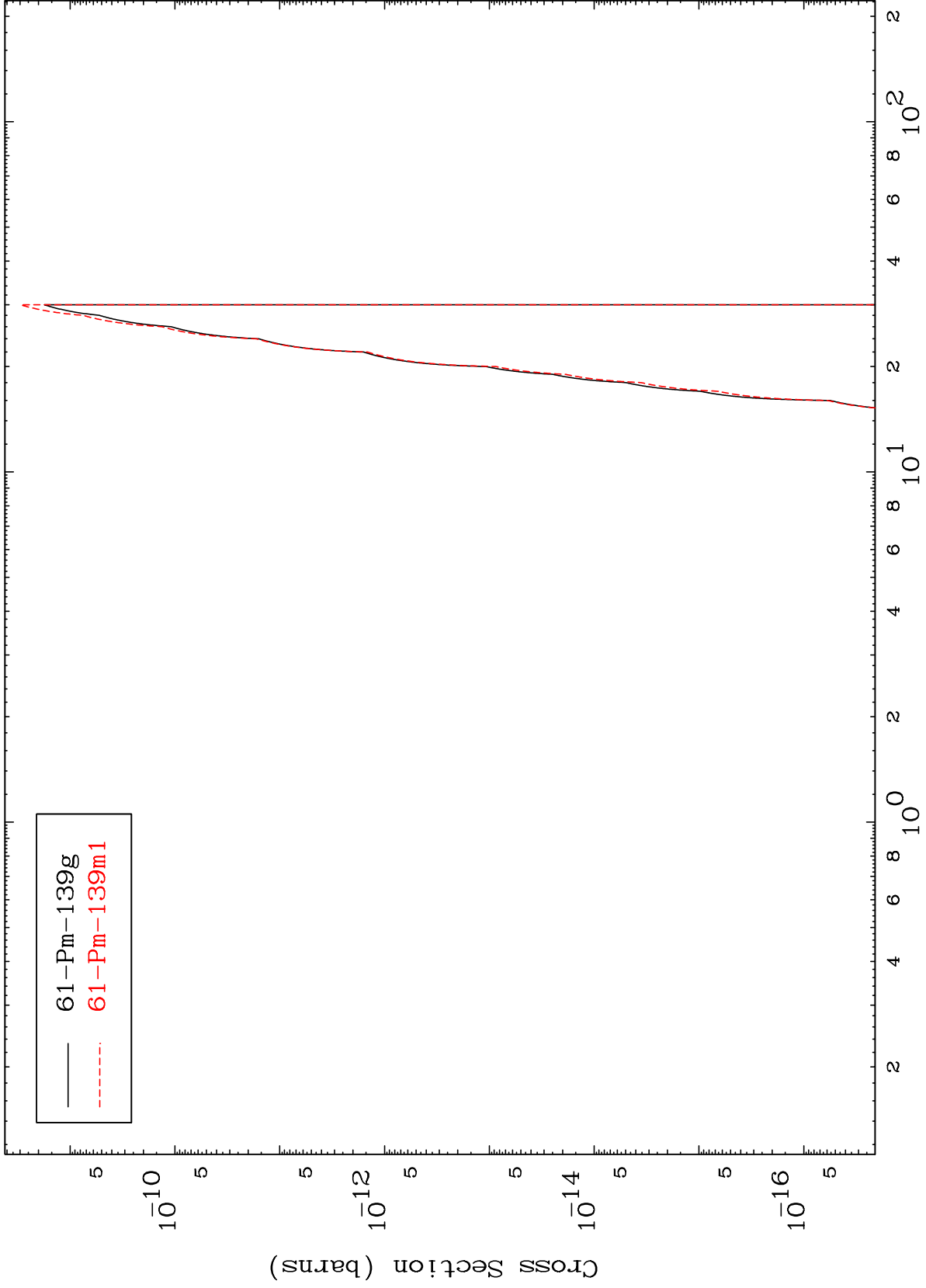


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(d,3 $\alpha$ )

66-Dy-149

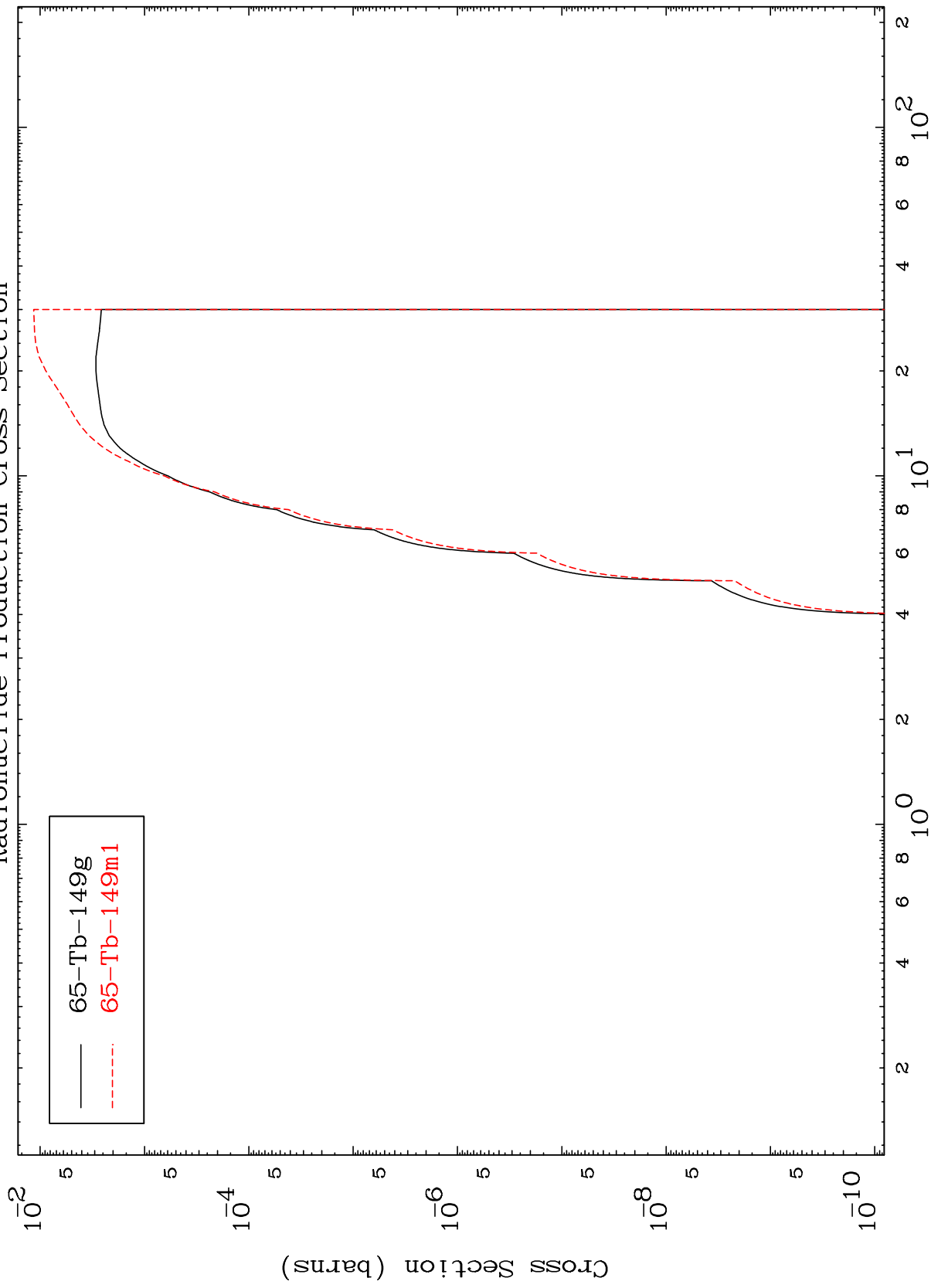
Radionuclide Production Cross Section



MAT 6604

66-Dy-149

(d,2p)  
Radionuclide Production Cross Section



66-Dy-149

Incident Energy (MeV)

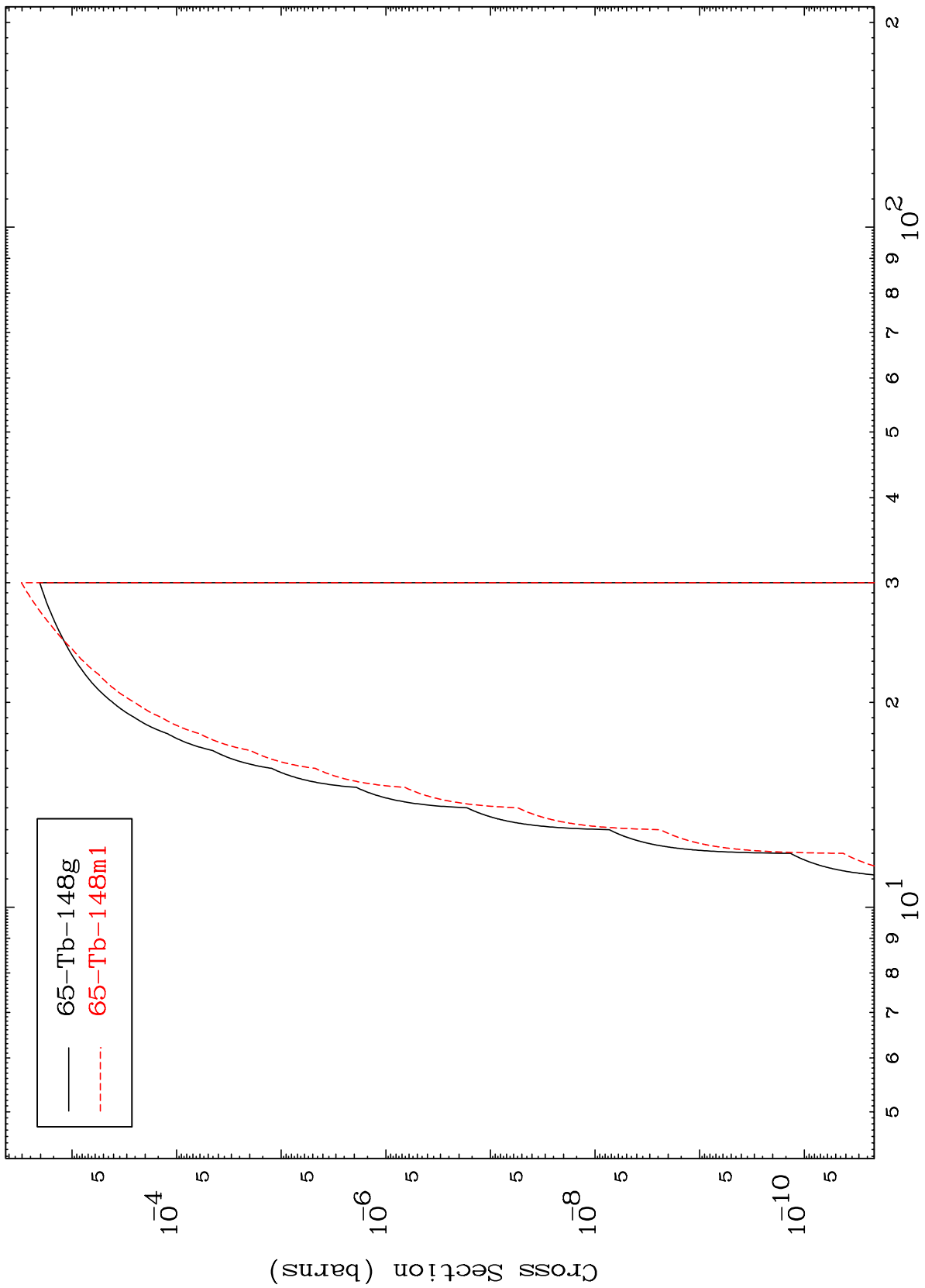
30

MAT 6604

(d,p) d

66-Dy-149

Radionuclide Production Cross Section



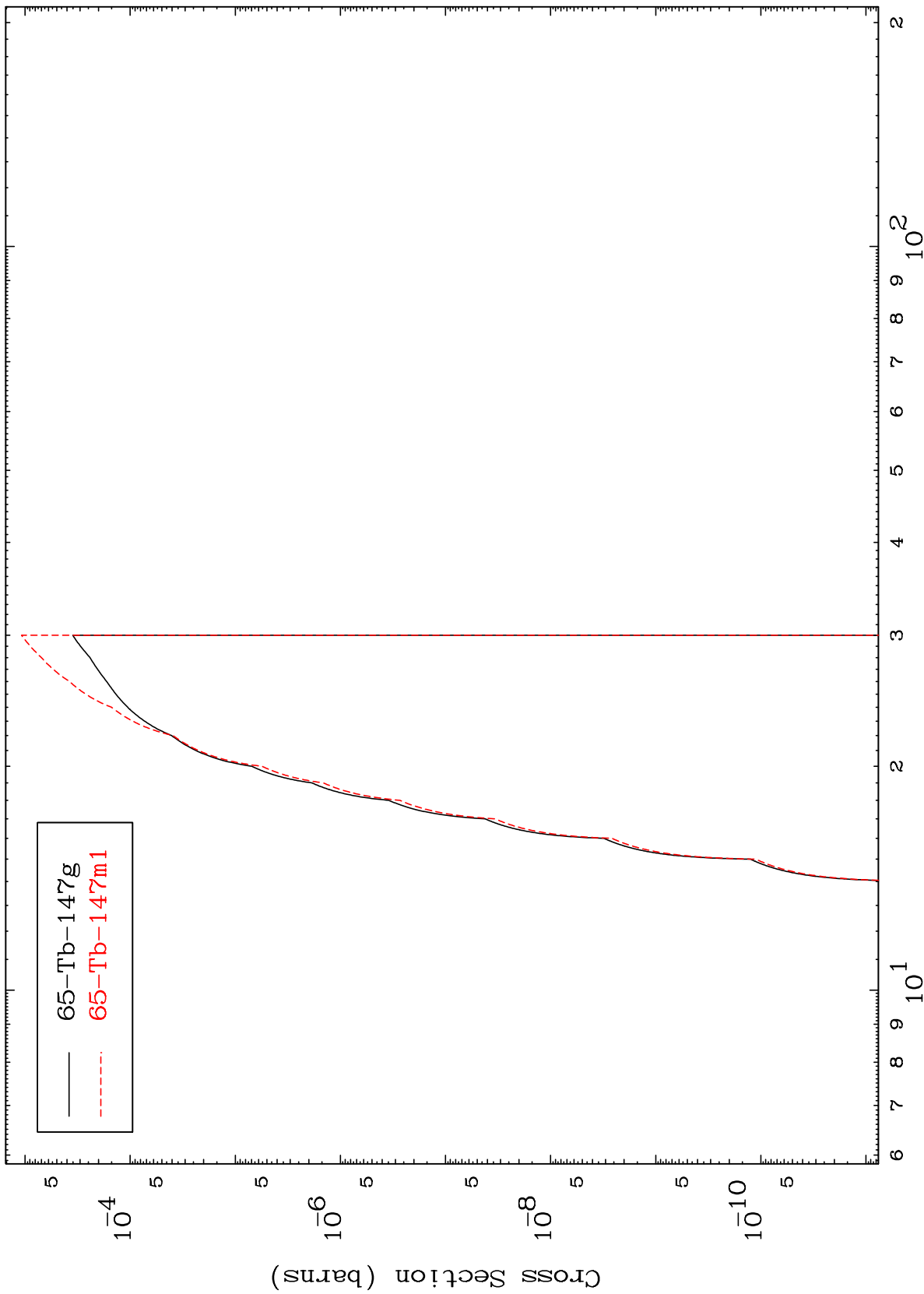


MAT 6604

(d,p) t

66-Dy-149

Radionuclide Production Cross Section



65-Tb-147g  
65-Tb-147m1

32

Incident Energy (MeV)

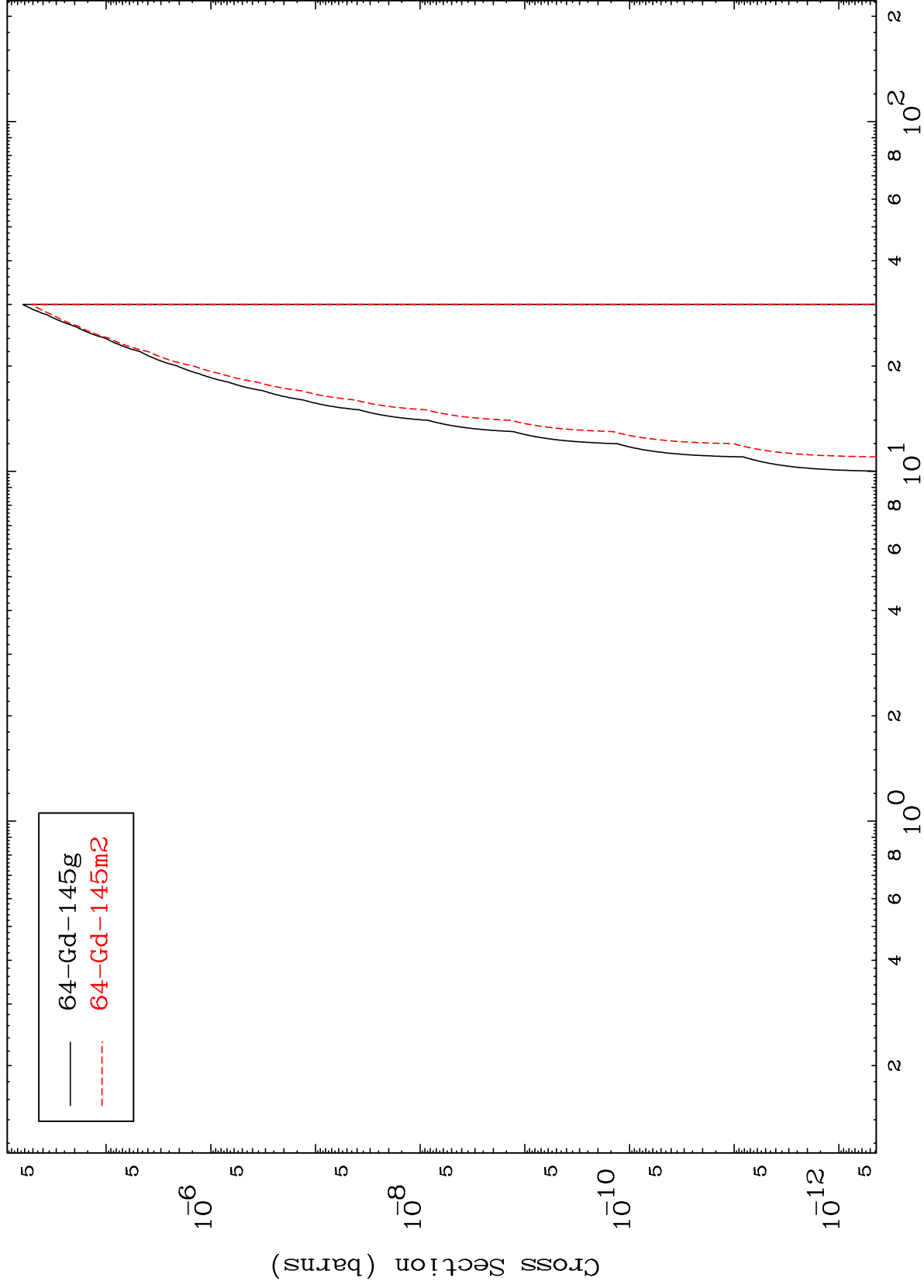
66-Dy-149

MAT 6604

(d,d)  $\alpha$

66-Dy-149

Radionuclide Production Cross Section



33

66-Dy-149