

Program EVALPLOT  
(Version 2018-1)

by

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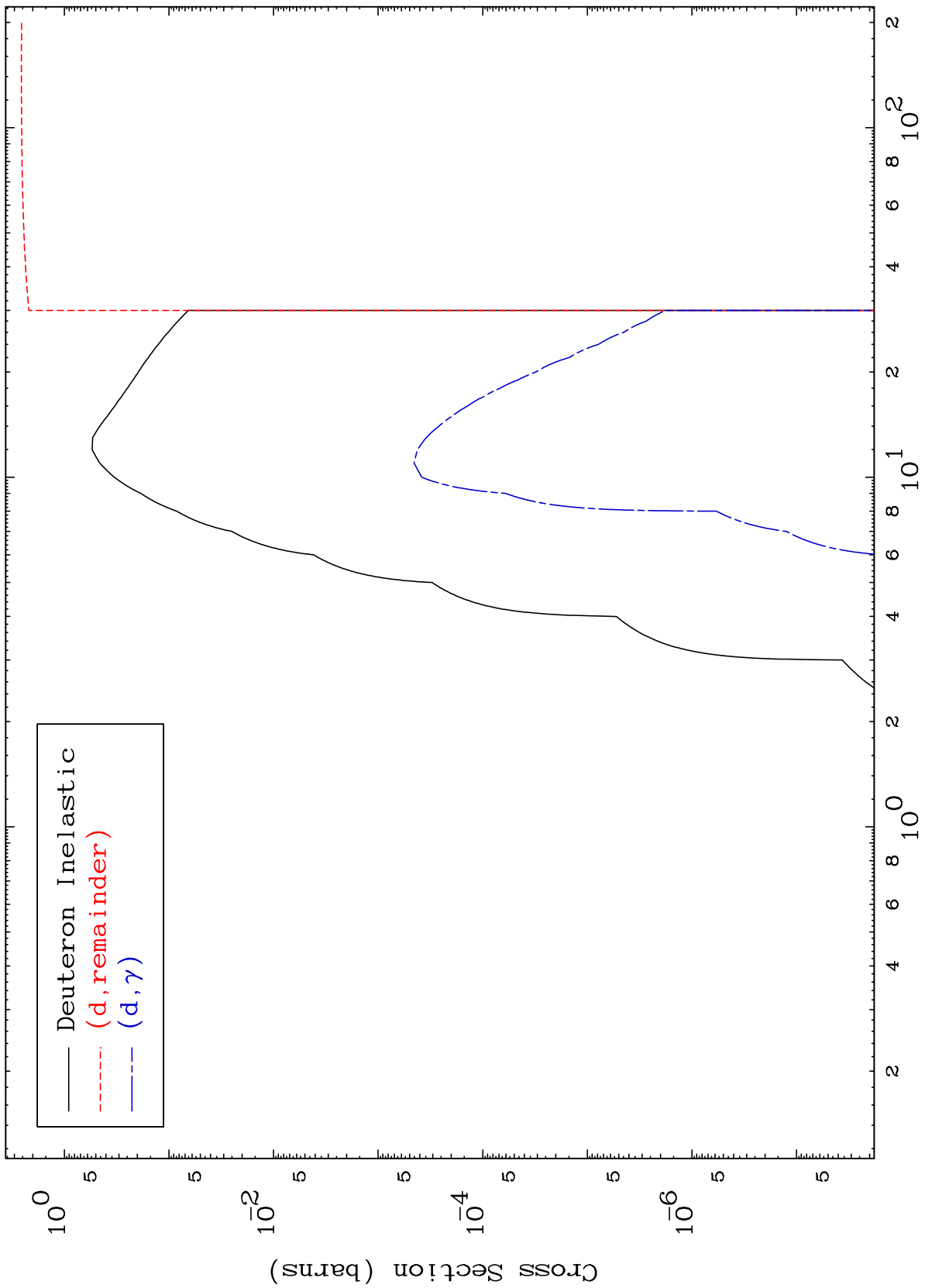
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6407

Deuteron Major  
0 Kelvin Cross Sections

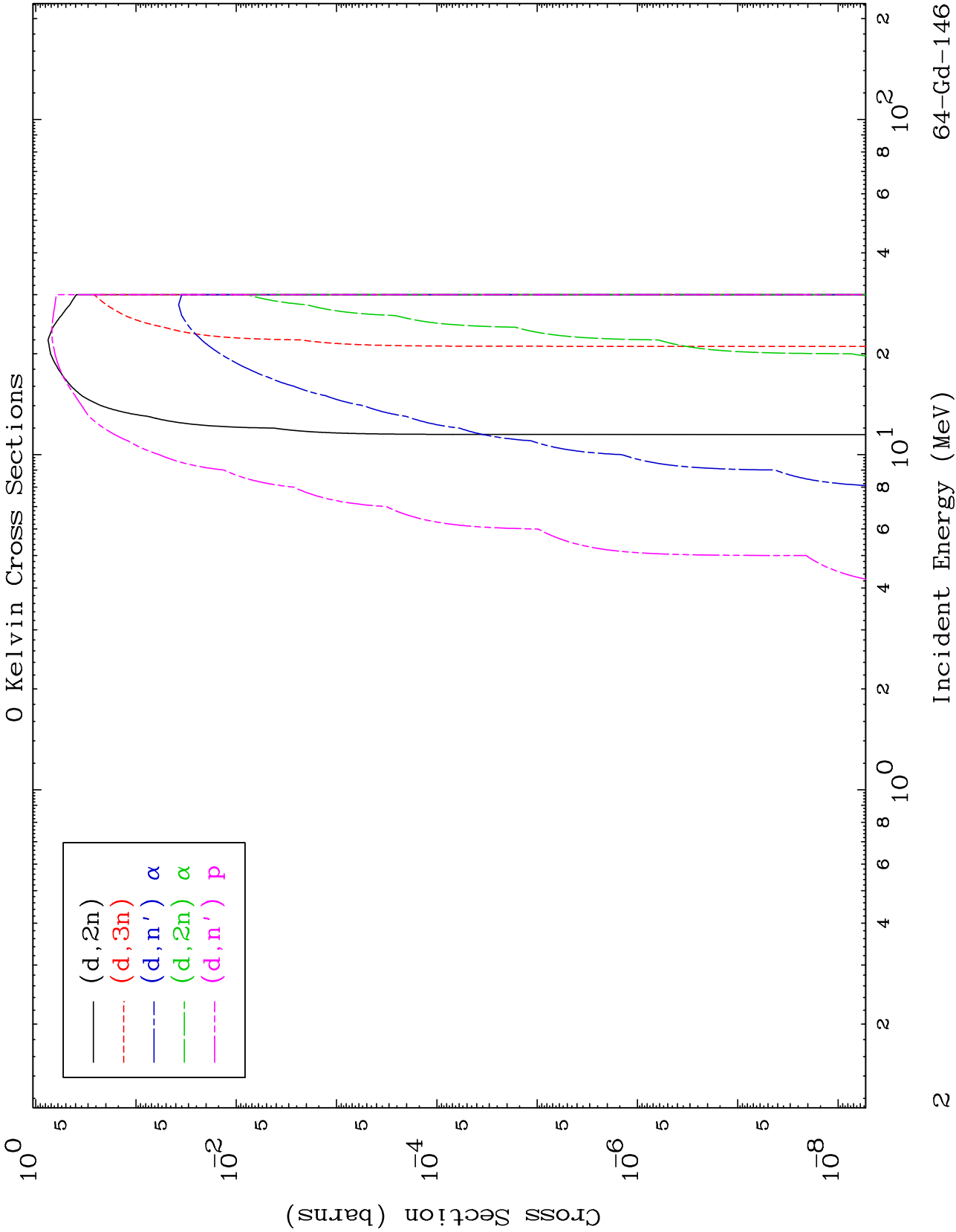
64-Gd-146



MAT 6407

Deuteron Neutron Production  
0 Kelvin Cross Sections

64-Gd-146



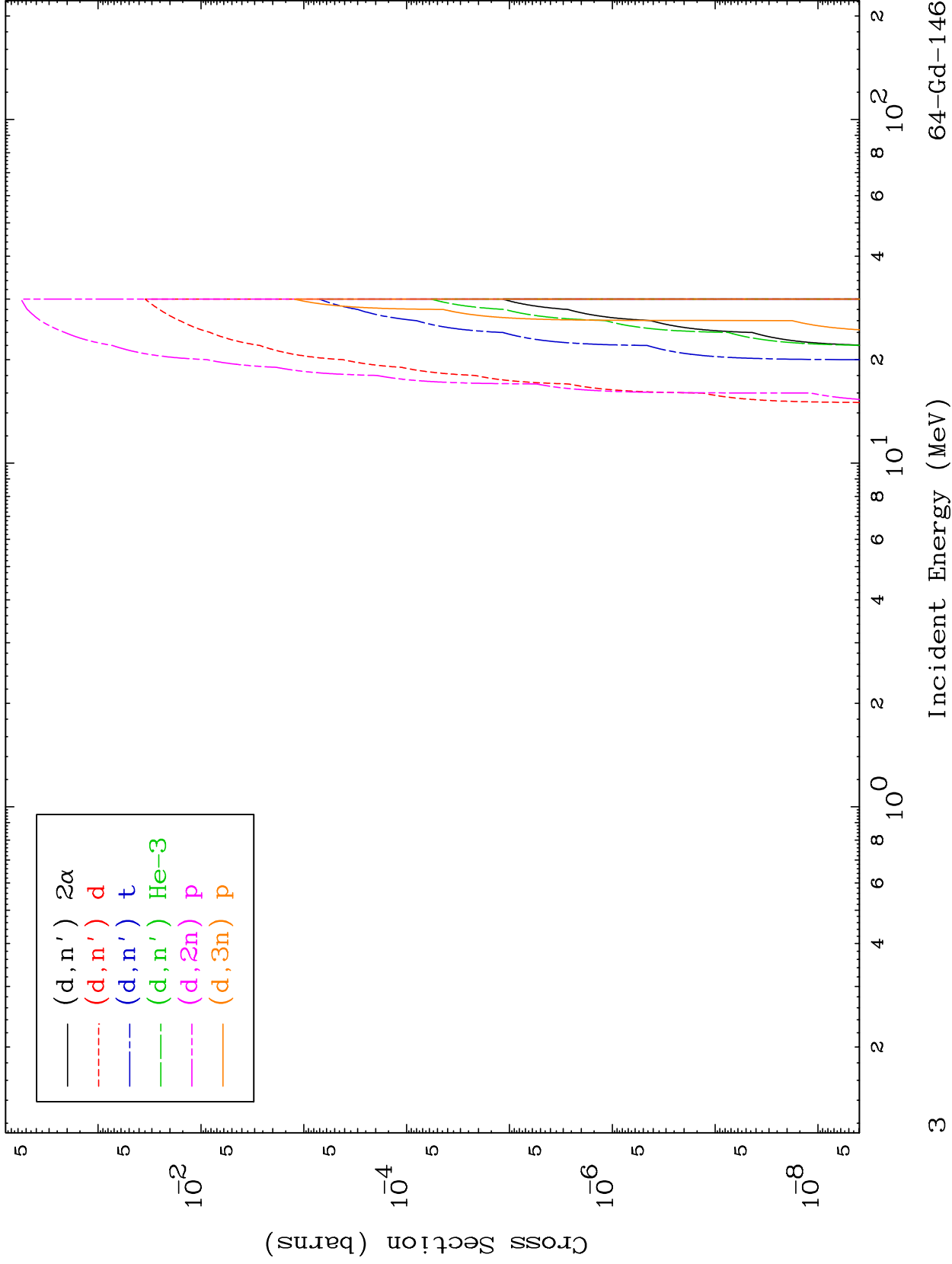
64-Gd-146

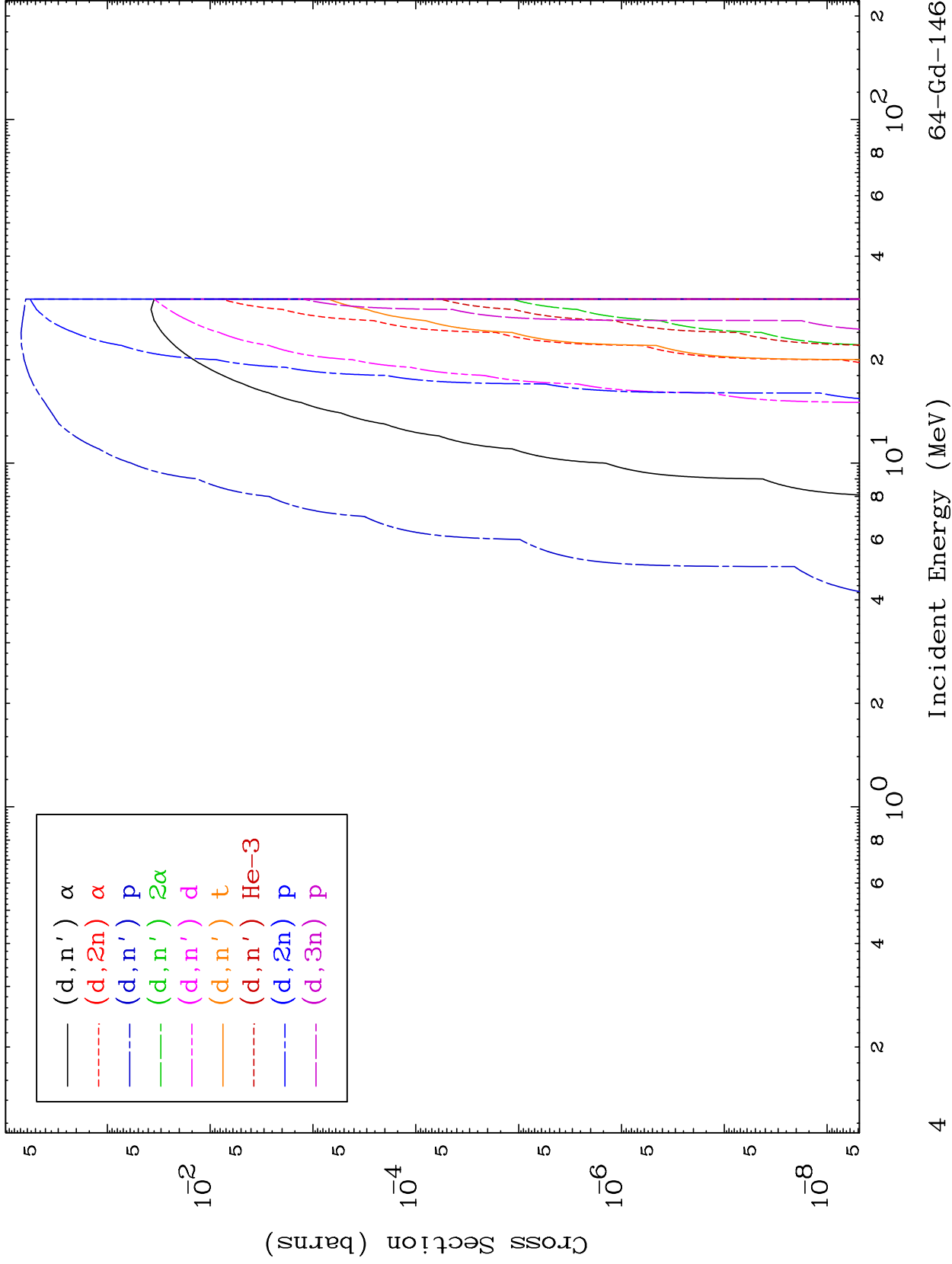
Incident Energy (MeV)

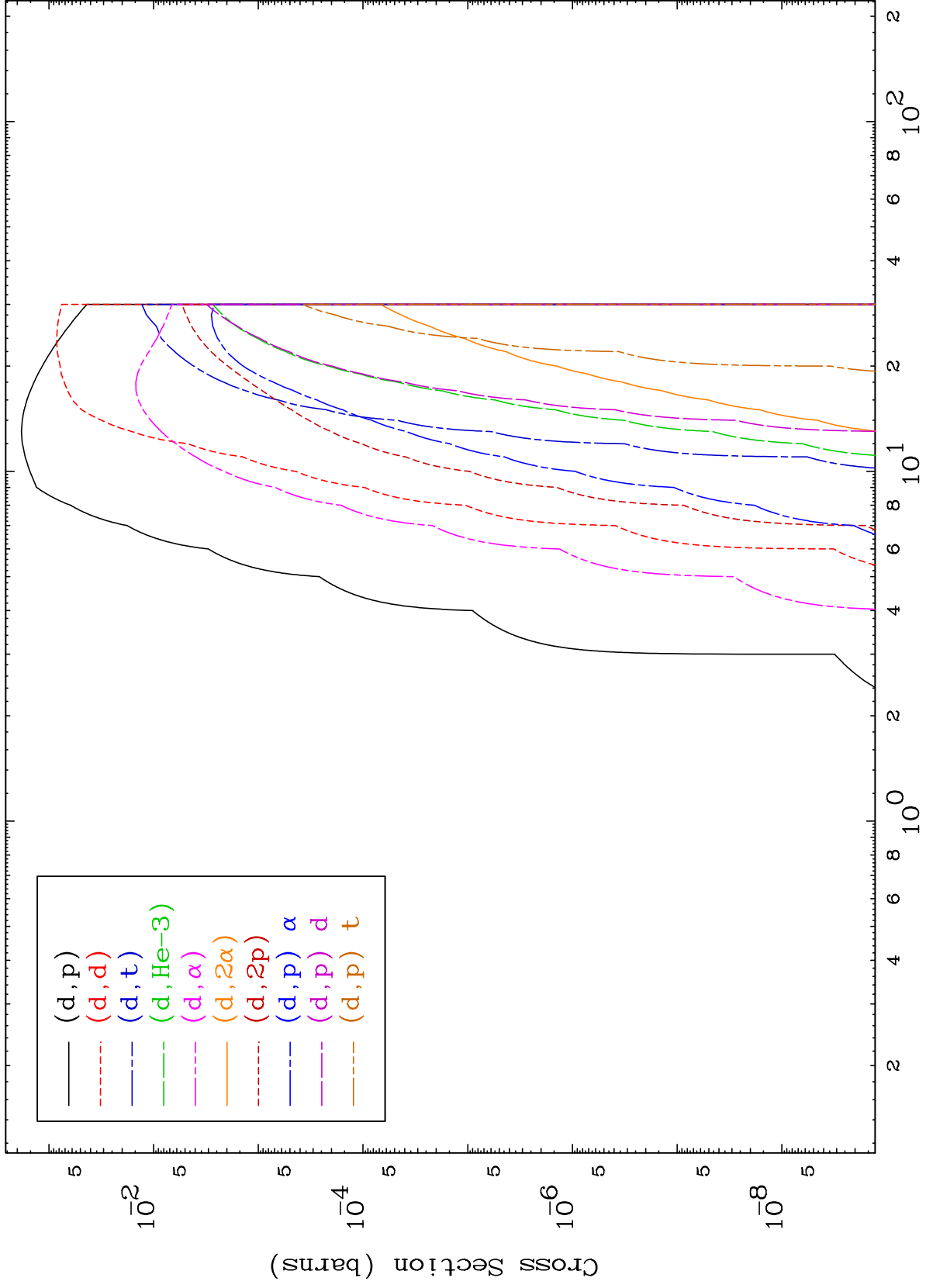
MAT 6407

Deuteron Neutron Production  
0 Kelvin Cross Sections

64-Gd-146





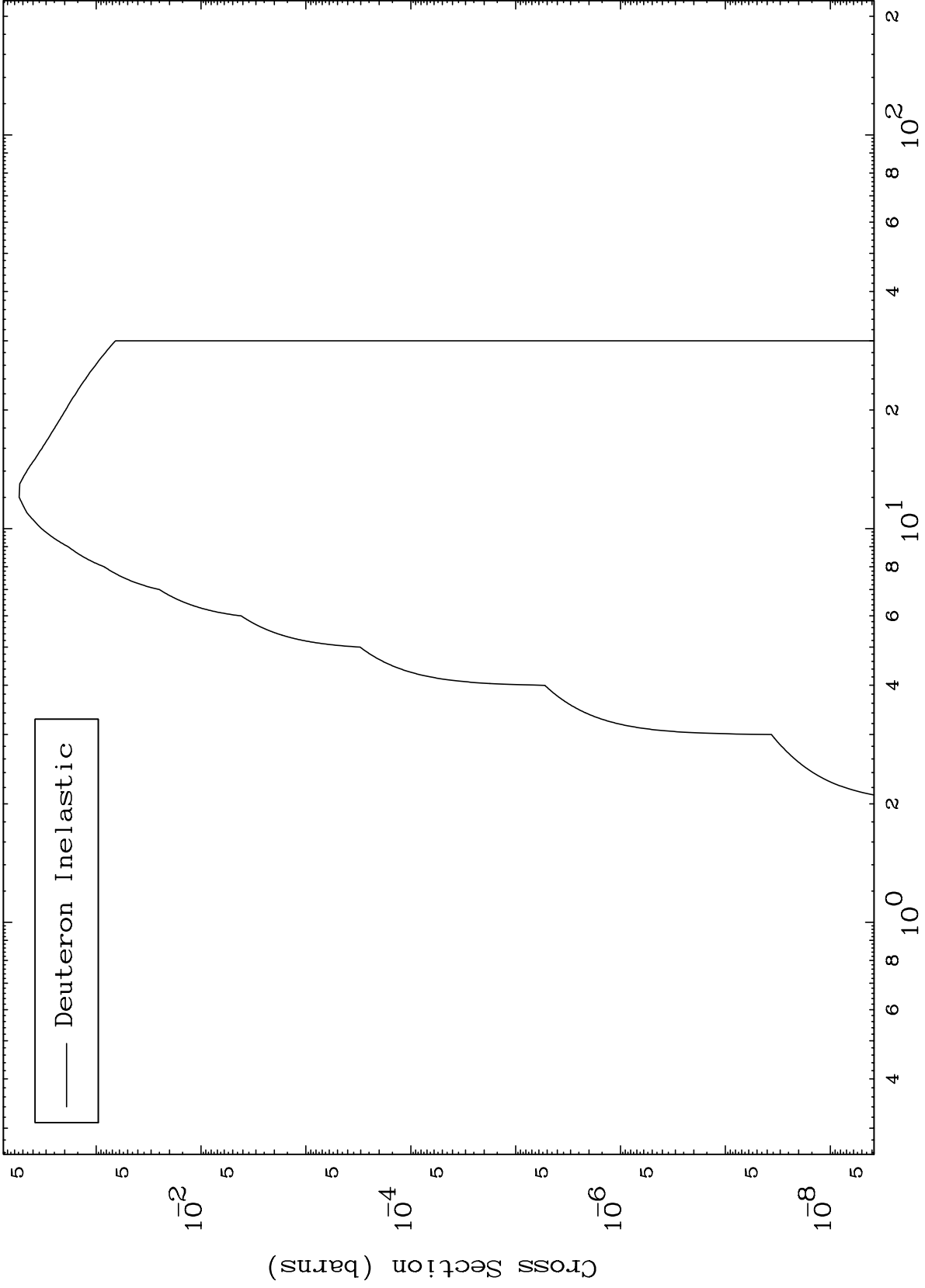


MAT 6407

(d,n') Level

64-Gd-146

0 Kelvin Cross Sections



6

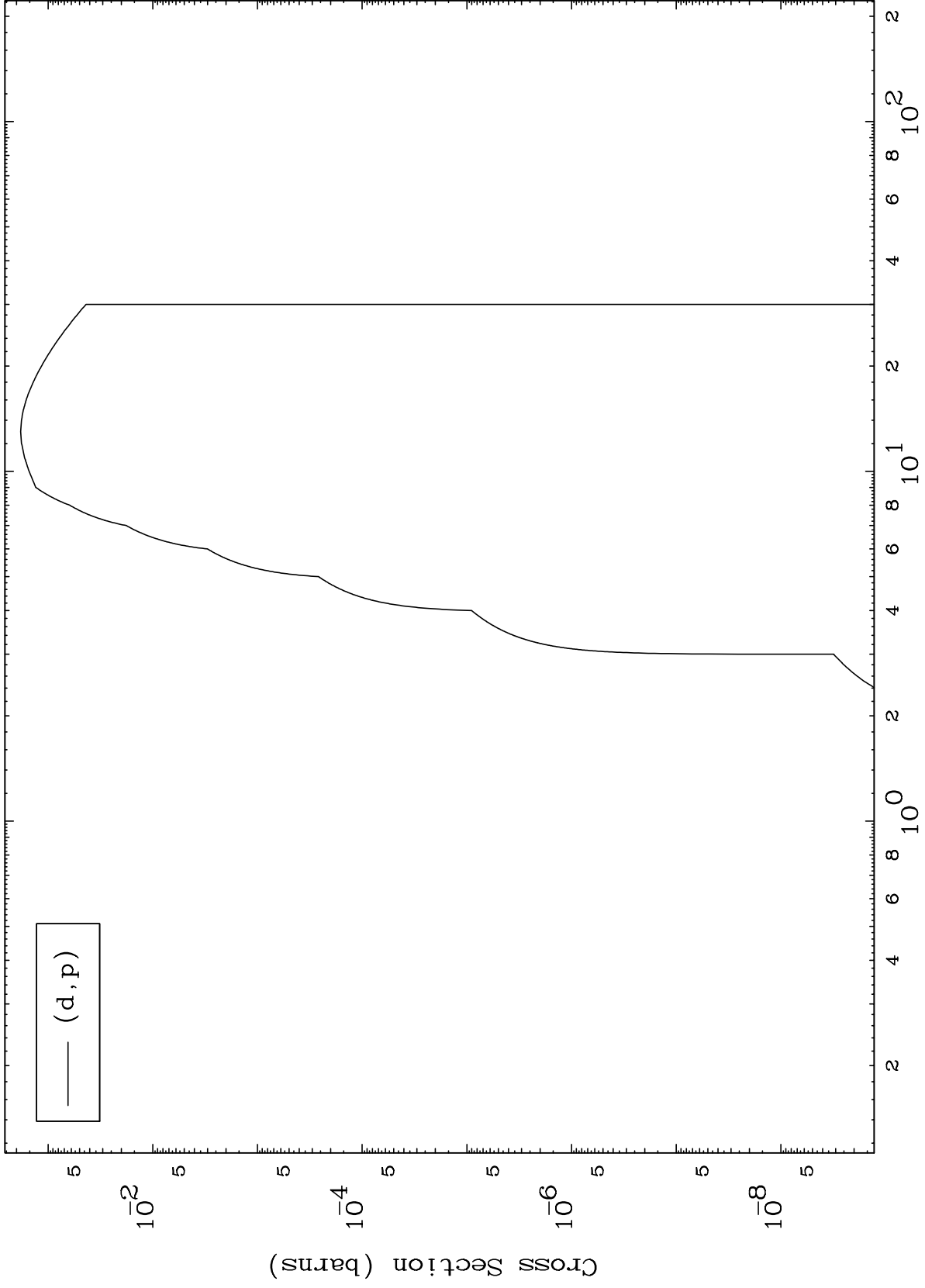
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,p) Levels  
0 Kelvin Cross Sections

64-Gd-146

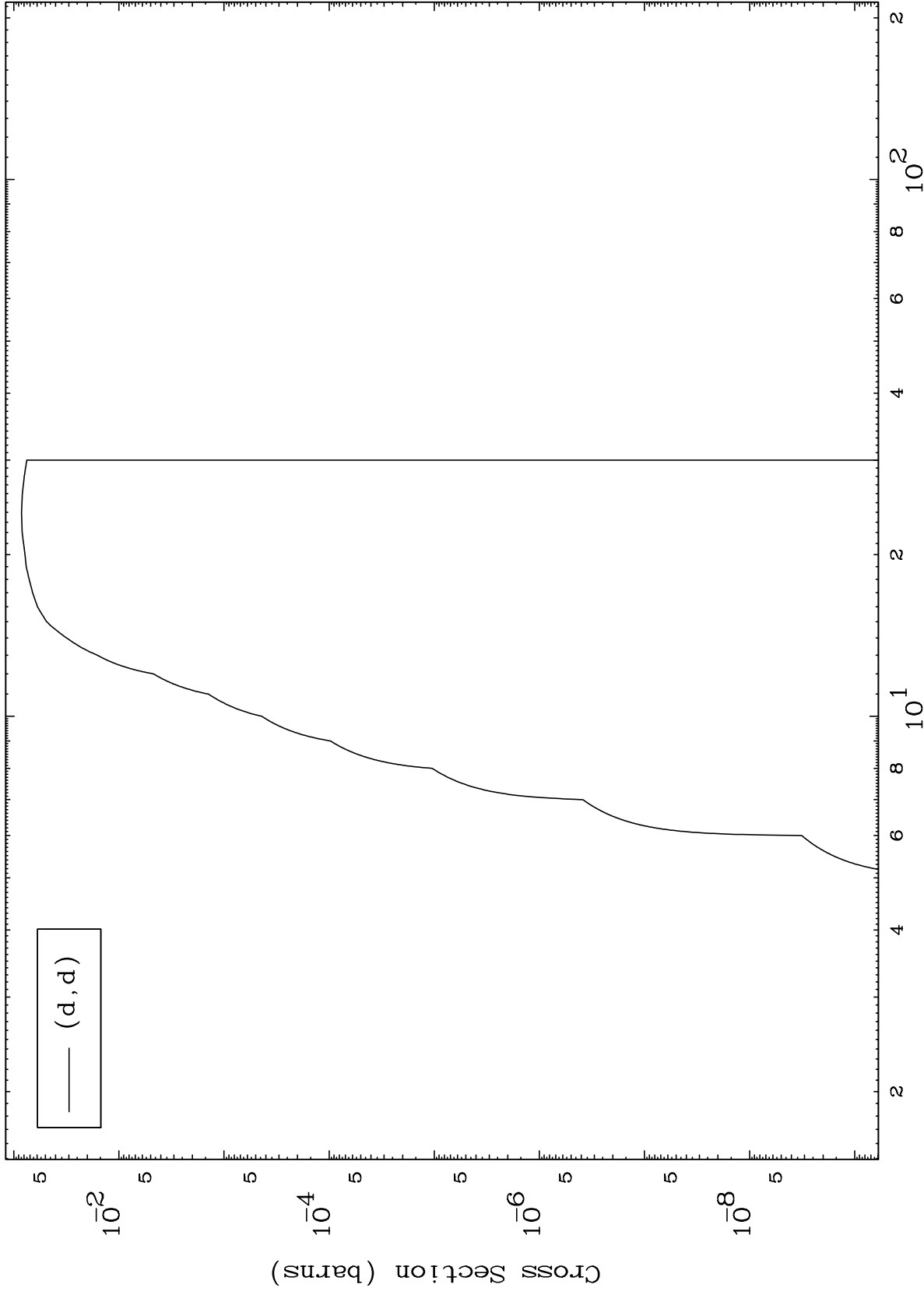




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(d,d) Levels  
0 Kelvin Cross Sections

64-Gd-146



8

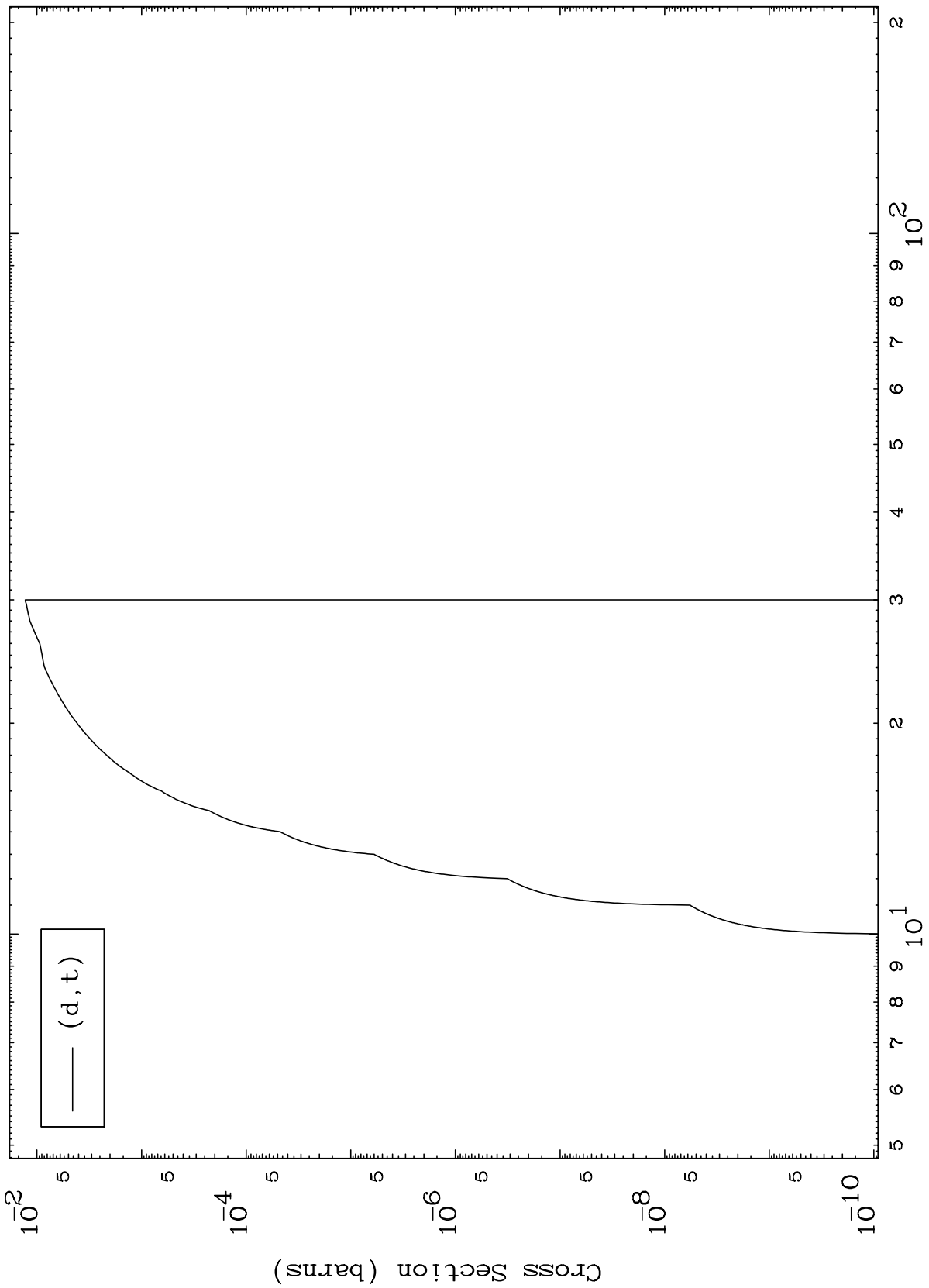
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(d,t) Levels  
0 Kelvin Cross Sections



9

Incident Energy (MeV)

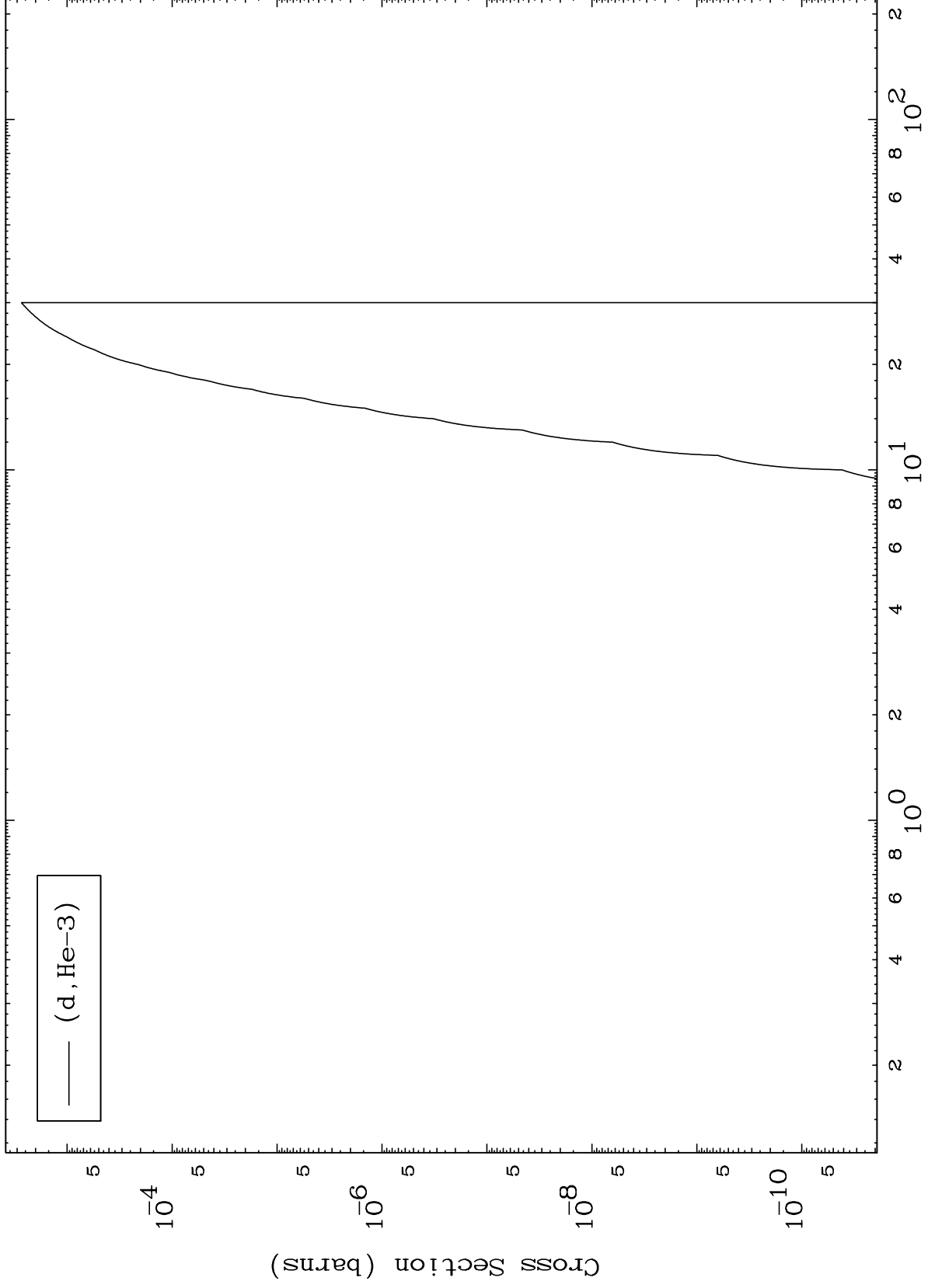
64-Gd-146

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(d,He3) Levels

64-Gd-146

0 Kelvin Cross Sections



(d, He-3)

10

Incident Energy (MeV)

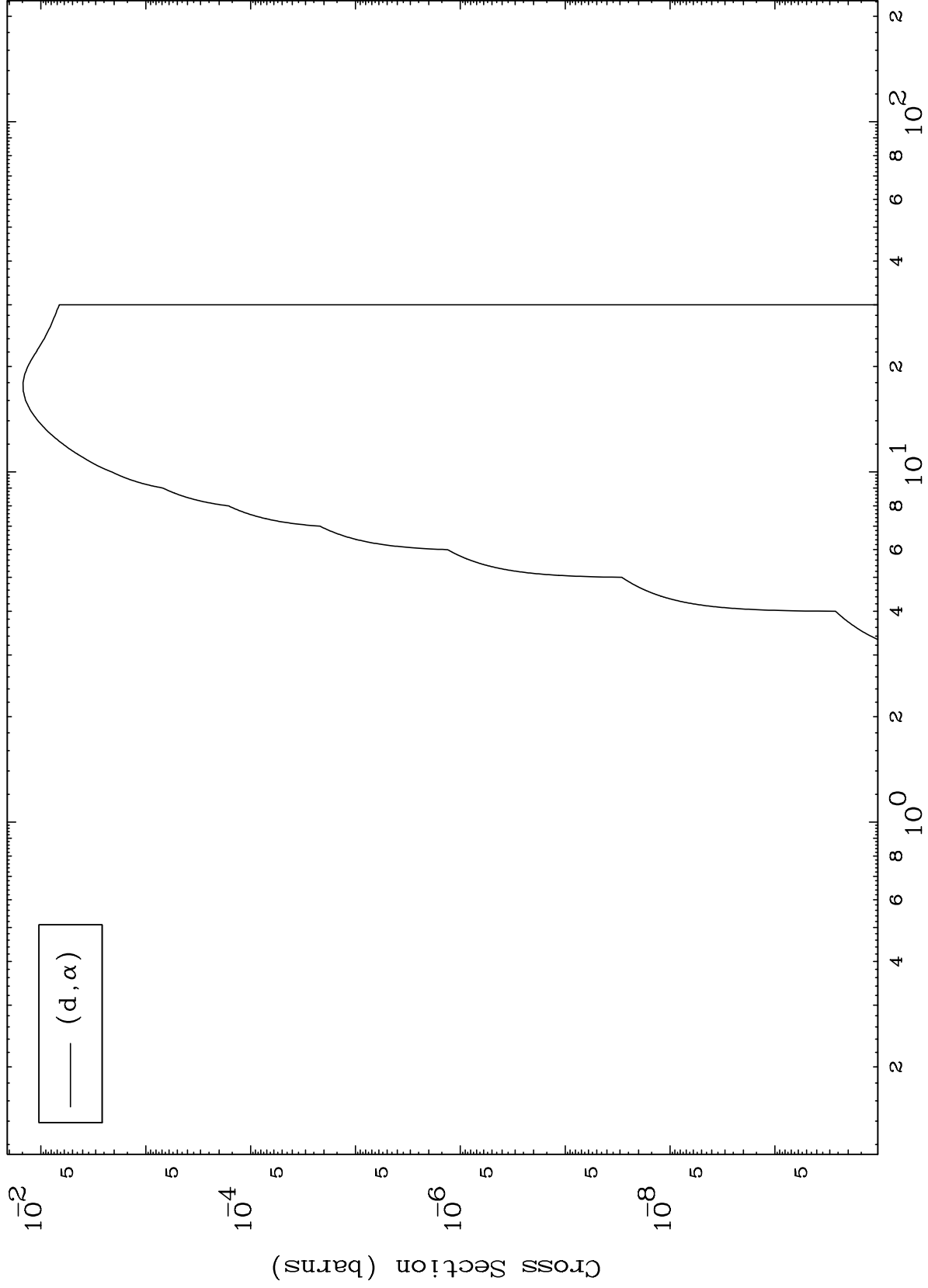
64-Gd-146

MAT 6407

(d,  $\alpha$ ) Levels

64-Gd-146

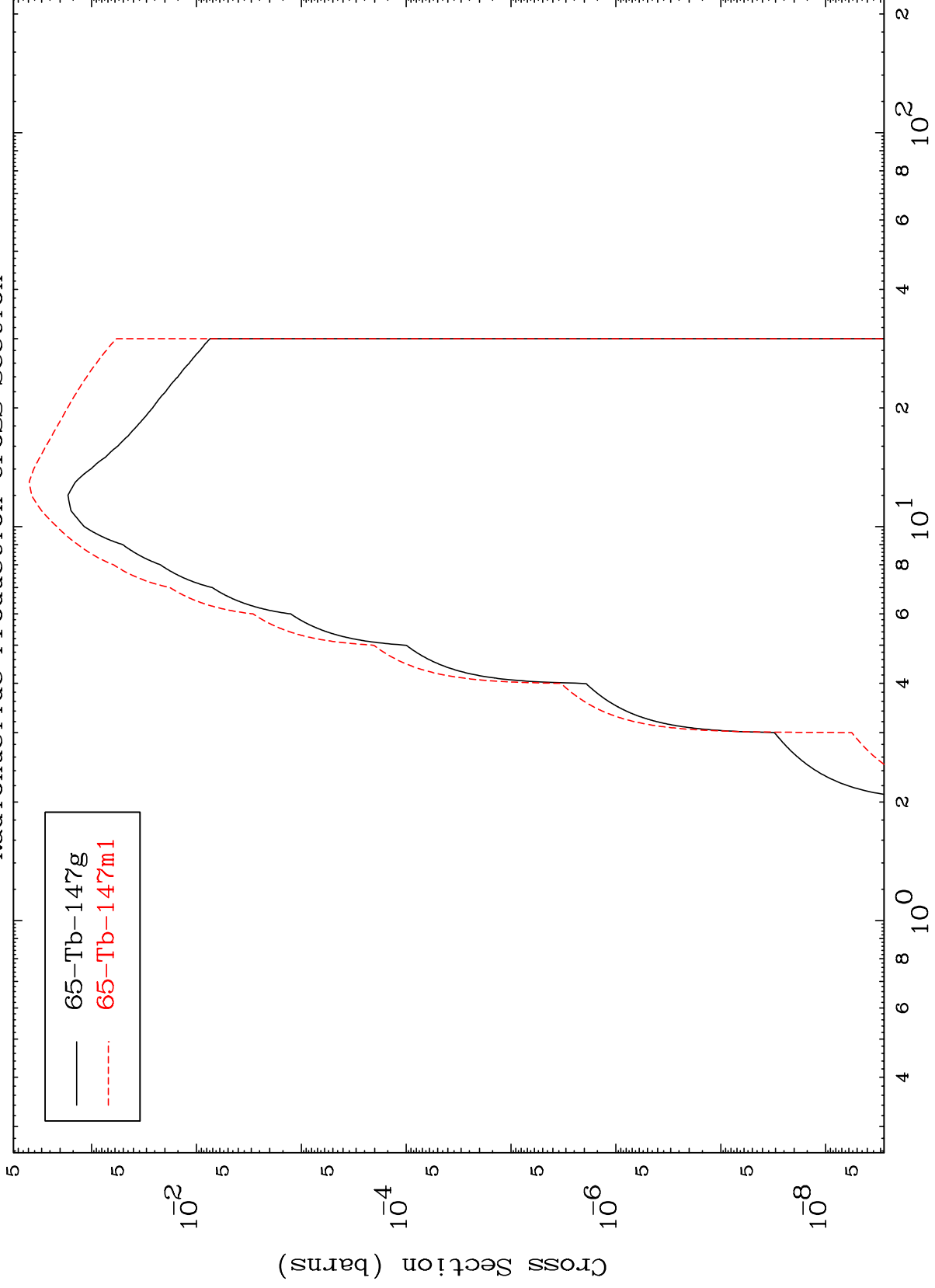
0 Kelvin Cross Sections



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Deuteron Inelastic  
Radionuclide Production Cross Section

64-Gd-146



12

Incident Energy (MeV)

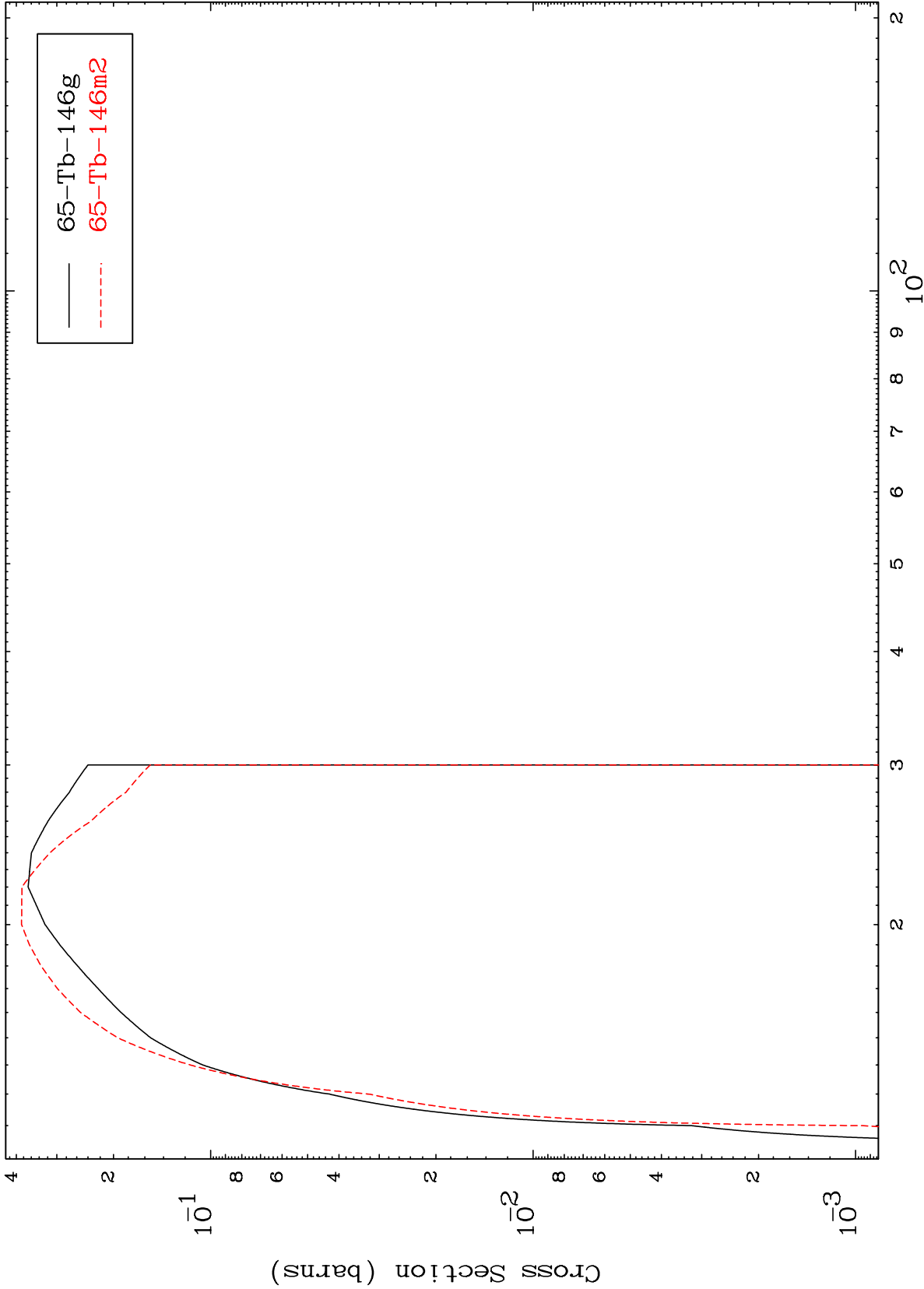
64-Gd-146

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(d,2n)

64-Gd-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

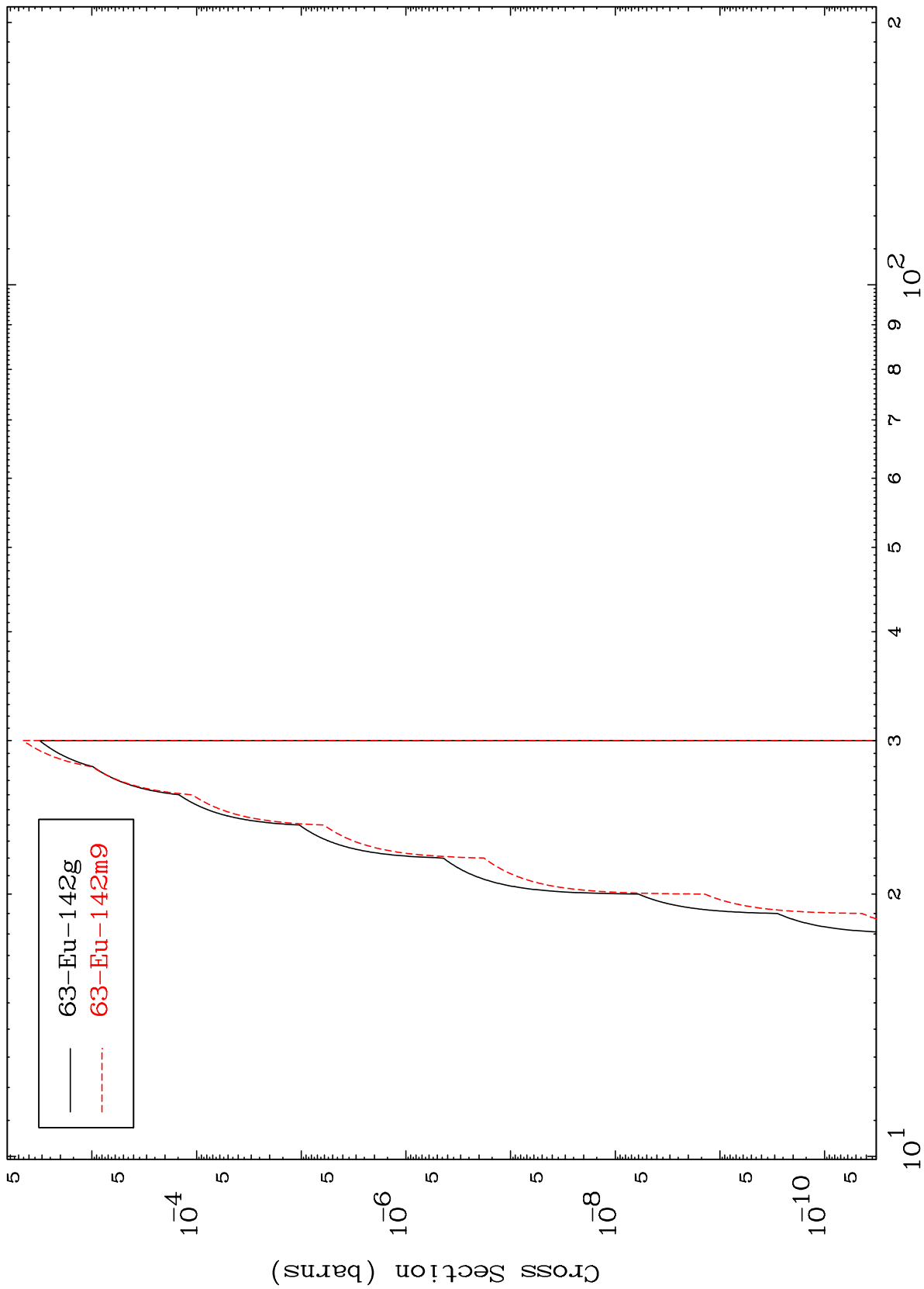
64-Gd-146

MAT 6407

(d,2n)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



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

Incident Energy (MeV)

64-Gd-146

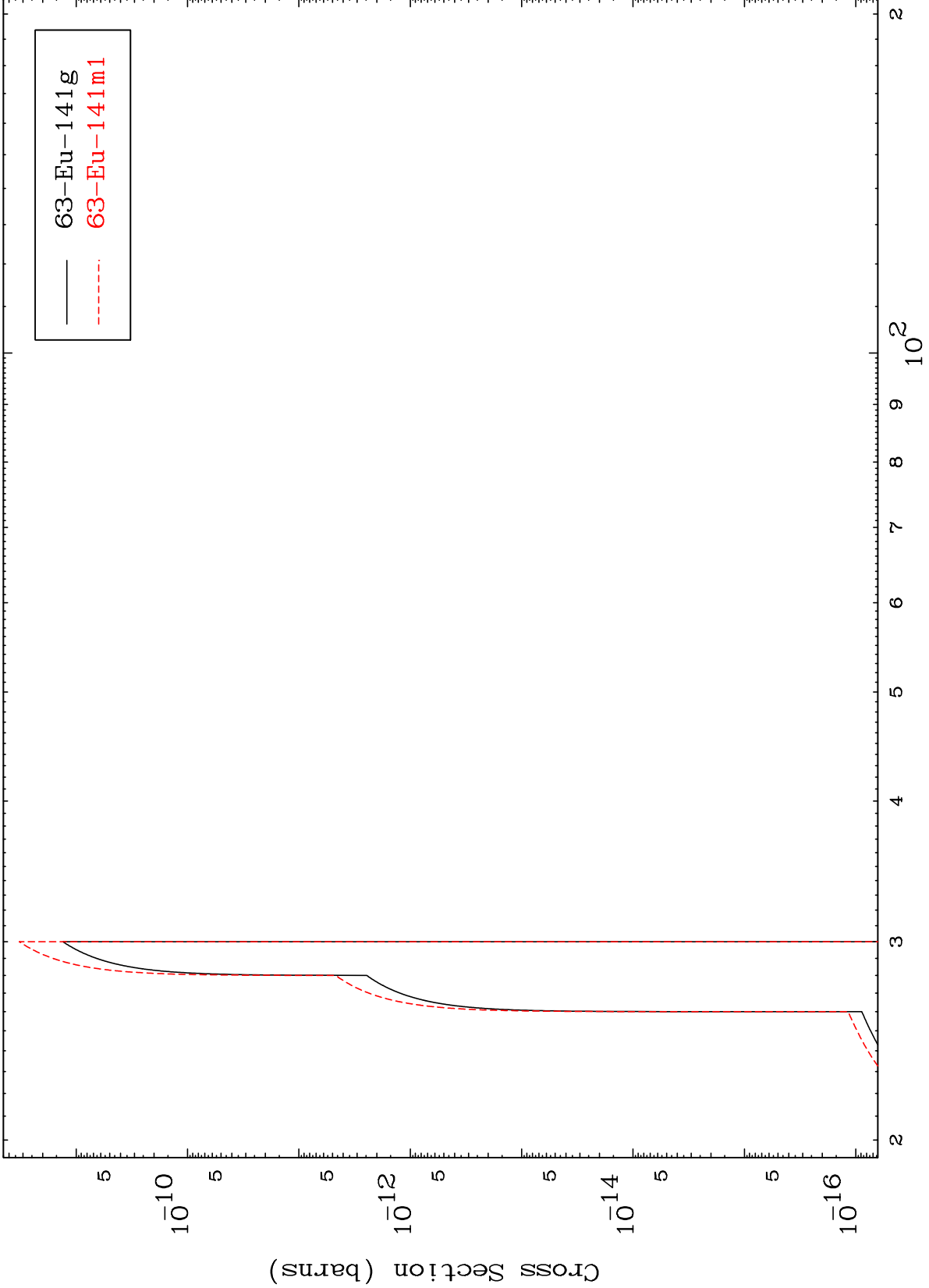
14

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(d,3n)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-146

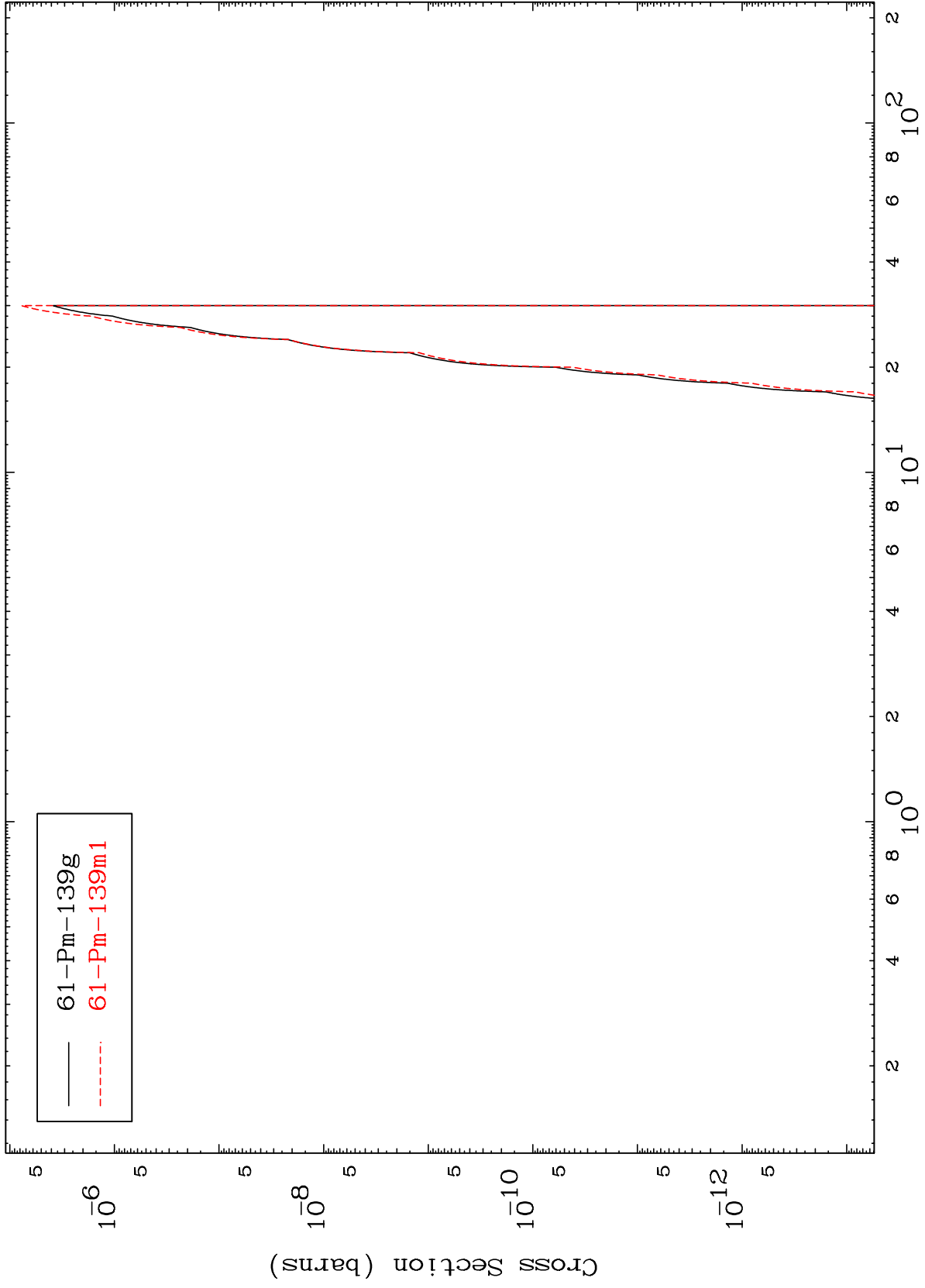


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(d,n') 2α

64-Gd-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

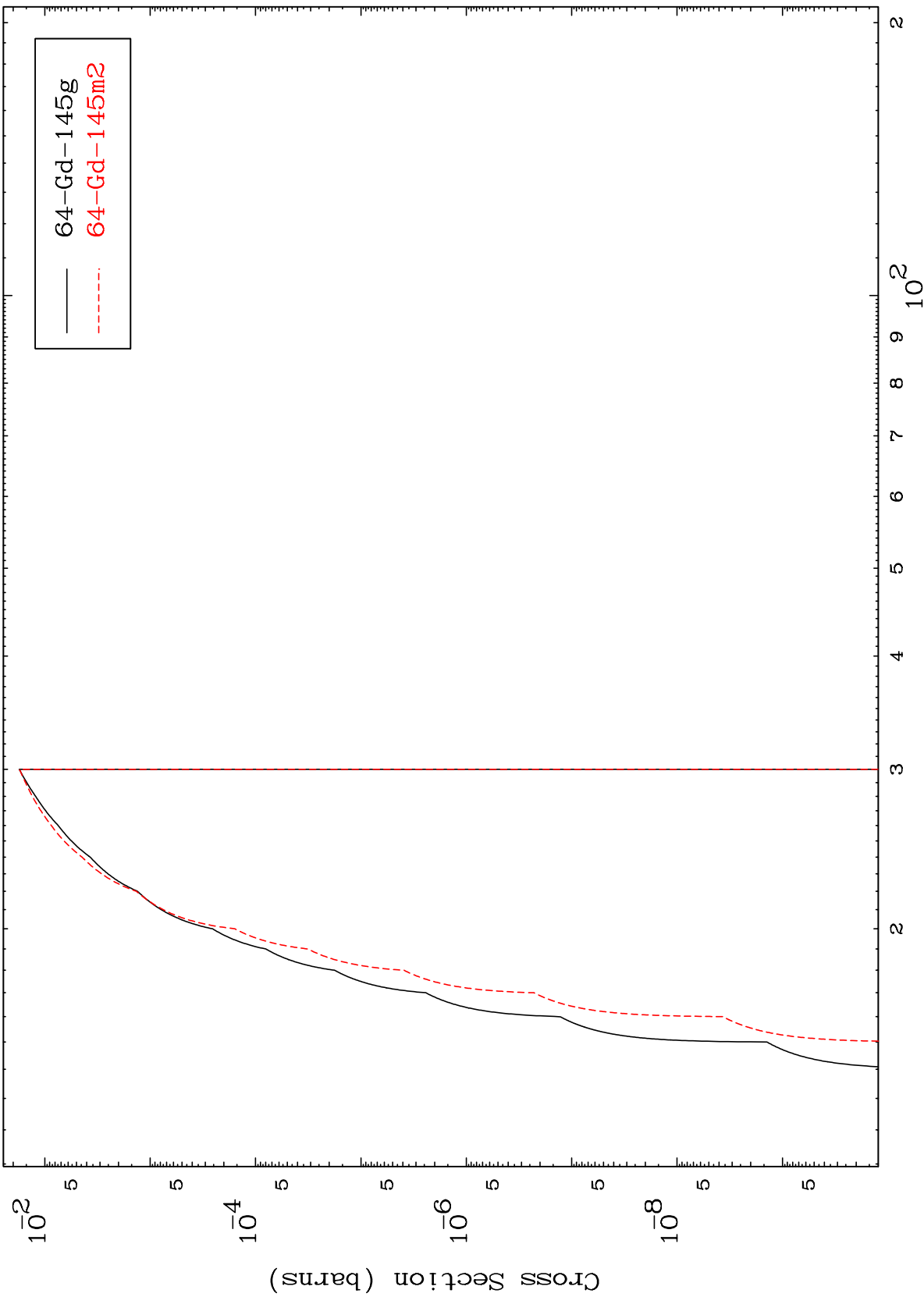
64-Gd-146

MAT 6407

(d,n') d

64-Gd-146

Radionuclide Production Cross Section



64-Gd-145g  
64-Gd-145m2

17

Incident Energy (MeV)

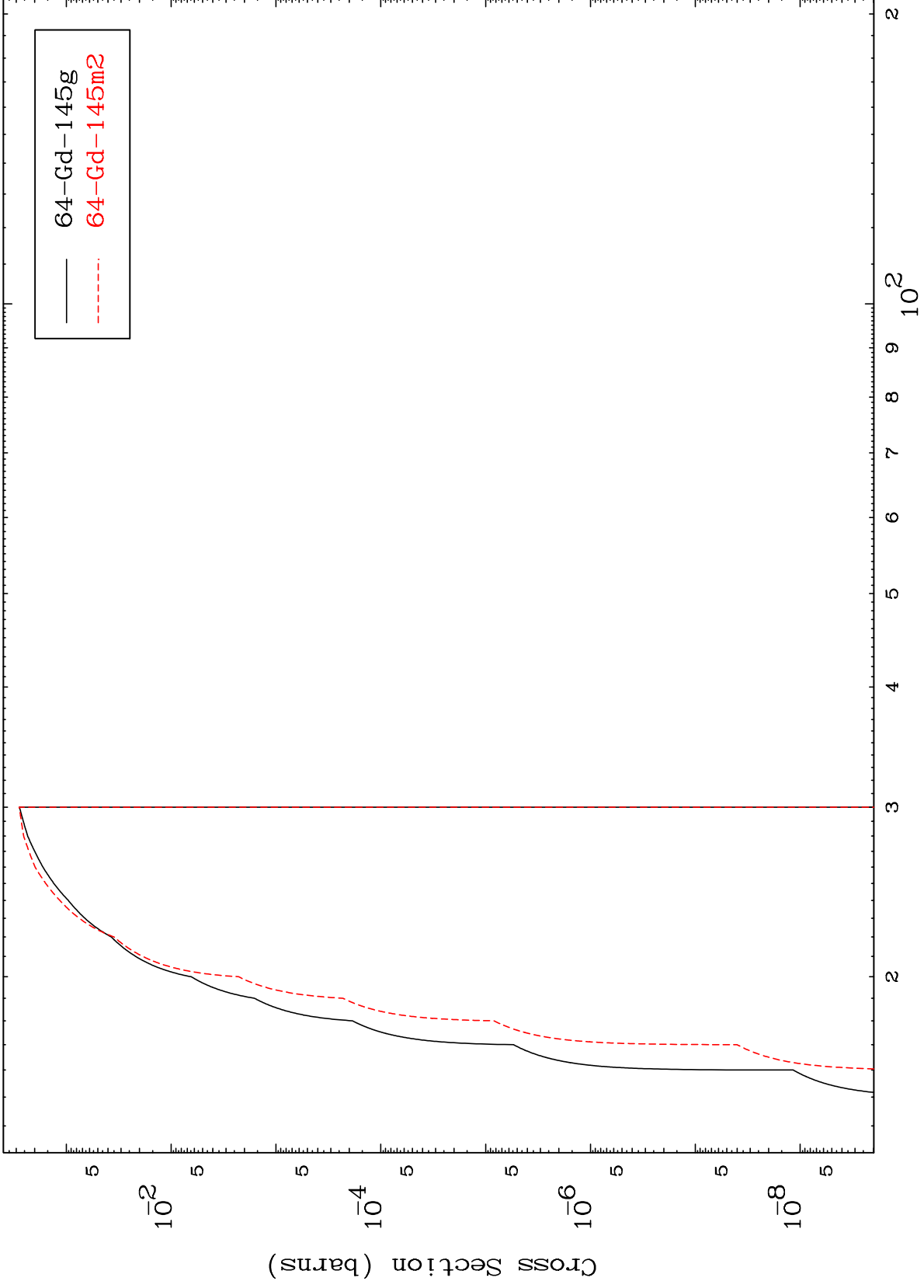
64-Gd-146

MAT 6407

(d,2n) p

64-Gd-146

Radionuclide Production Cross Section



18

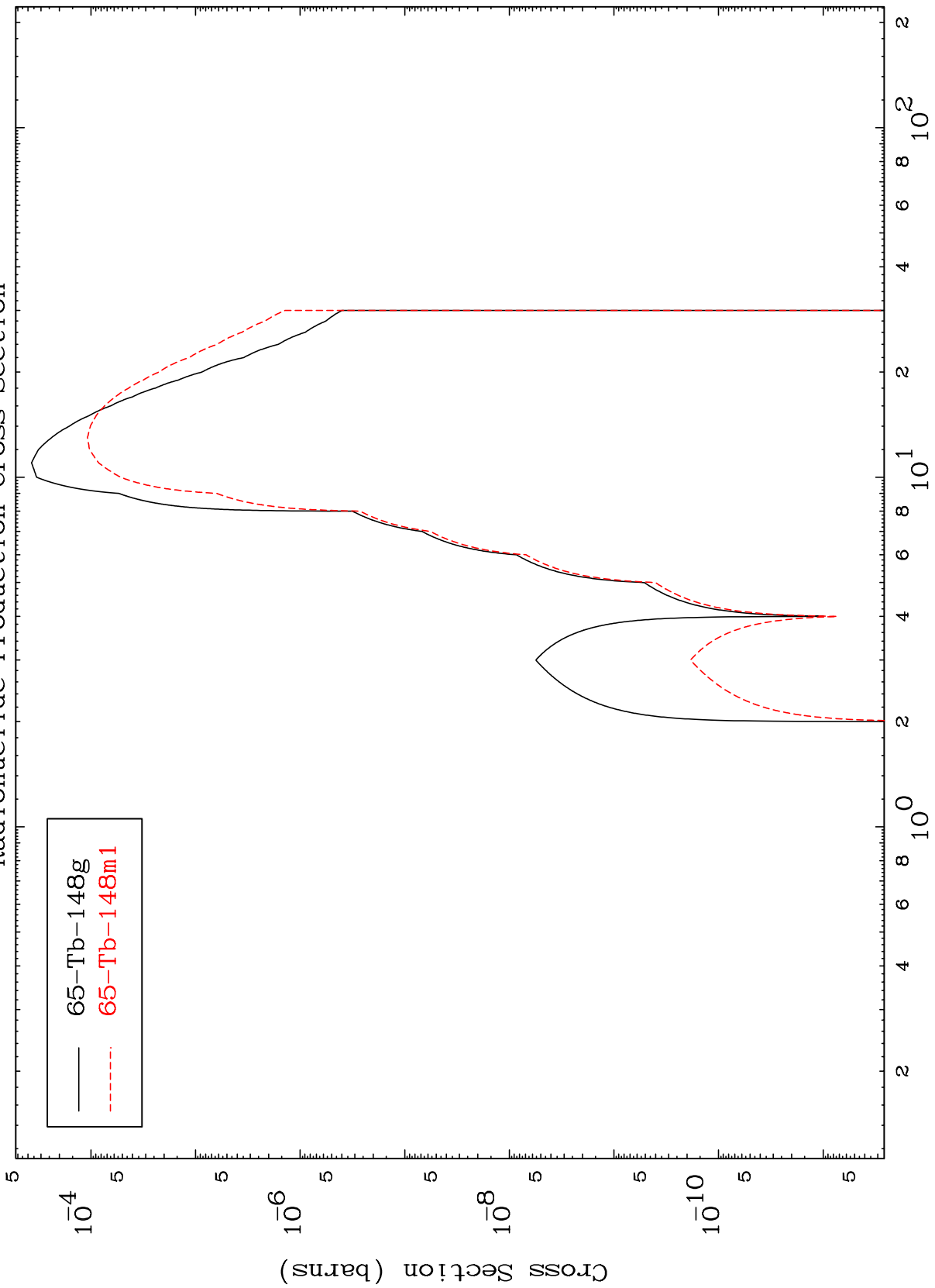
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

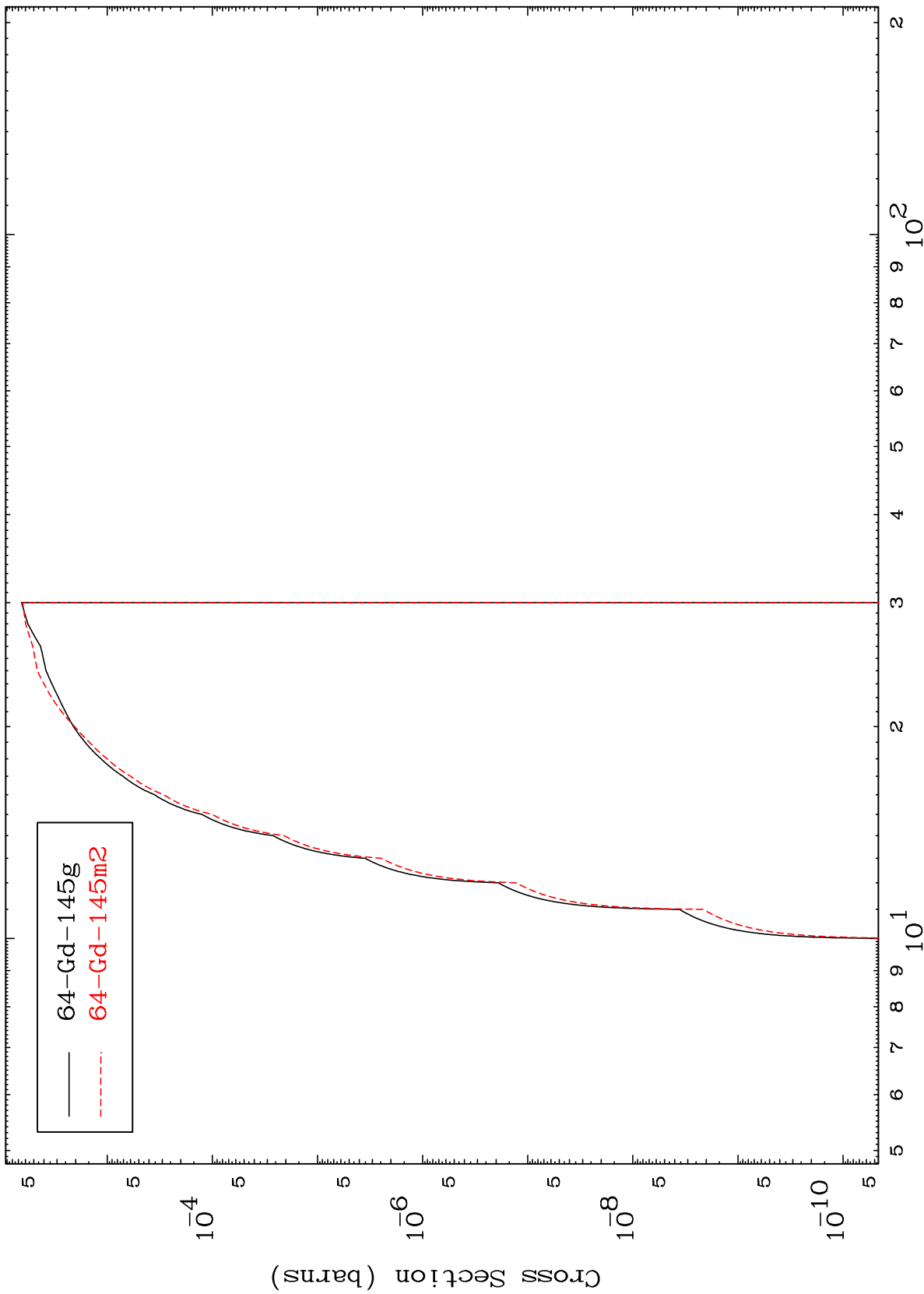
(d,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 6407

64-Gd-146

(d, t)  
Radionuclide Production Cross Section



20

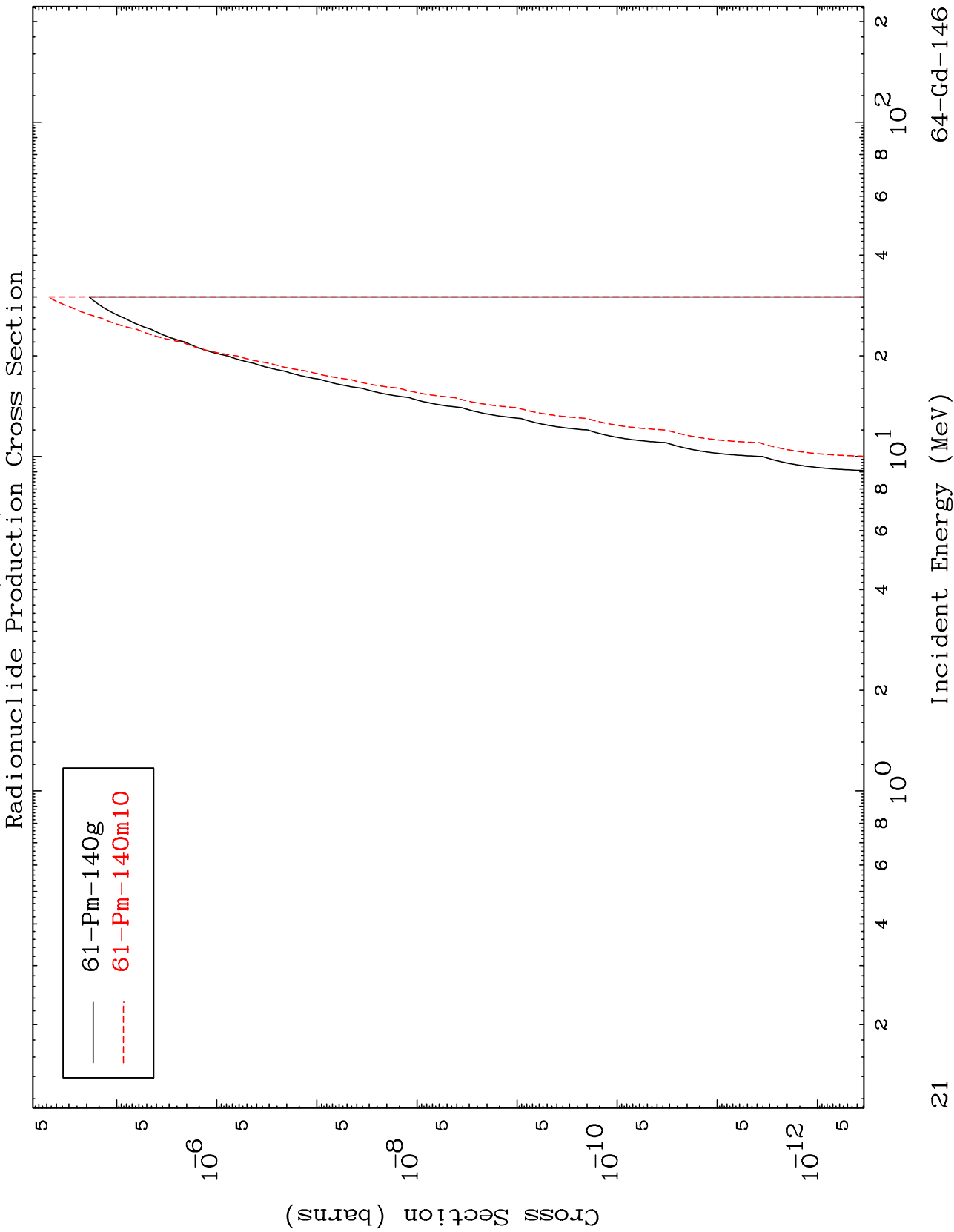
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,2α)

64-Gd-146



MAT 6407

(d,p)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section

