

Program EVALPLOT
(Version 2021-1)

by

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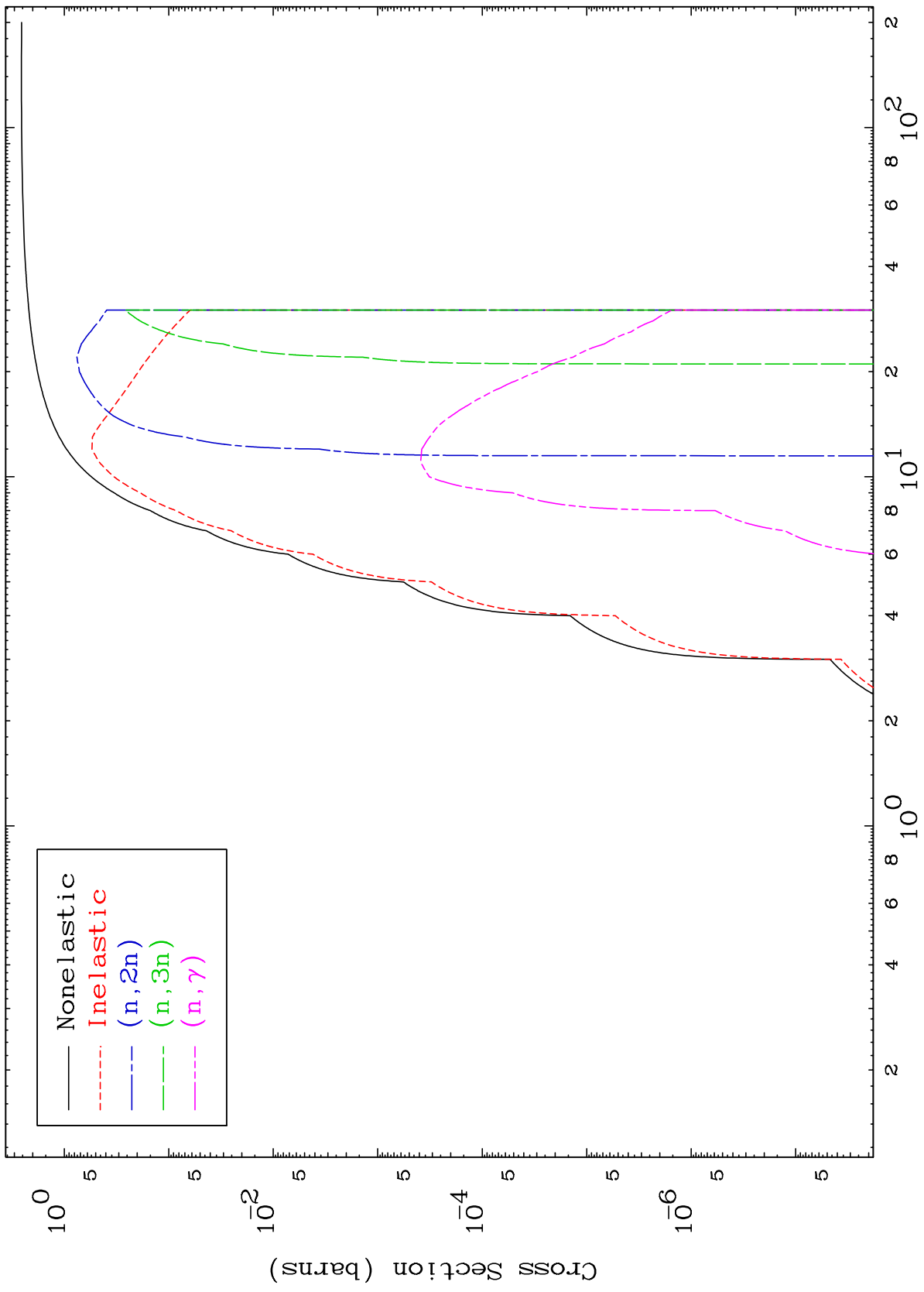
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6407

Deuteron Major
0 Kelvin Cross Sections

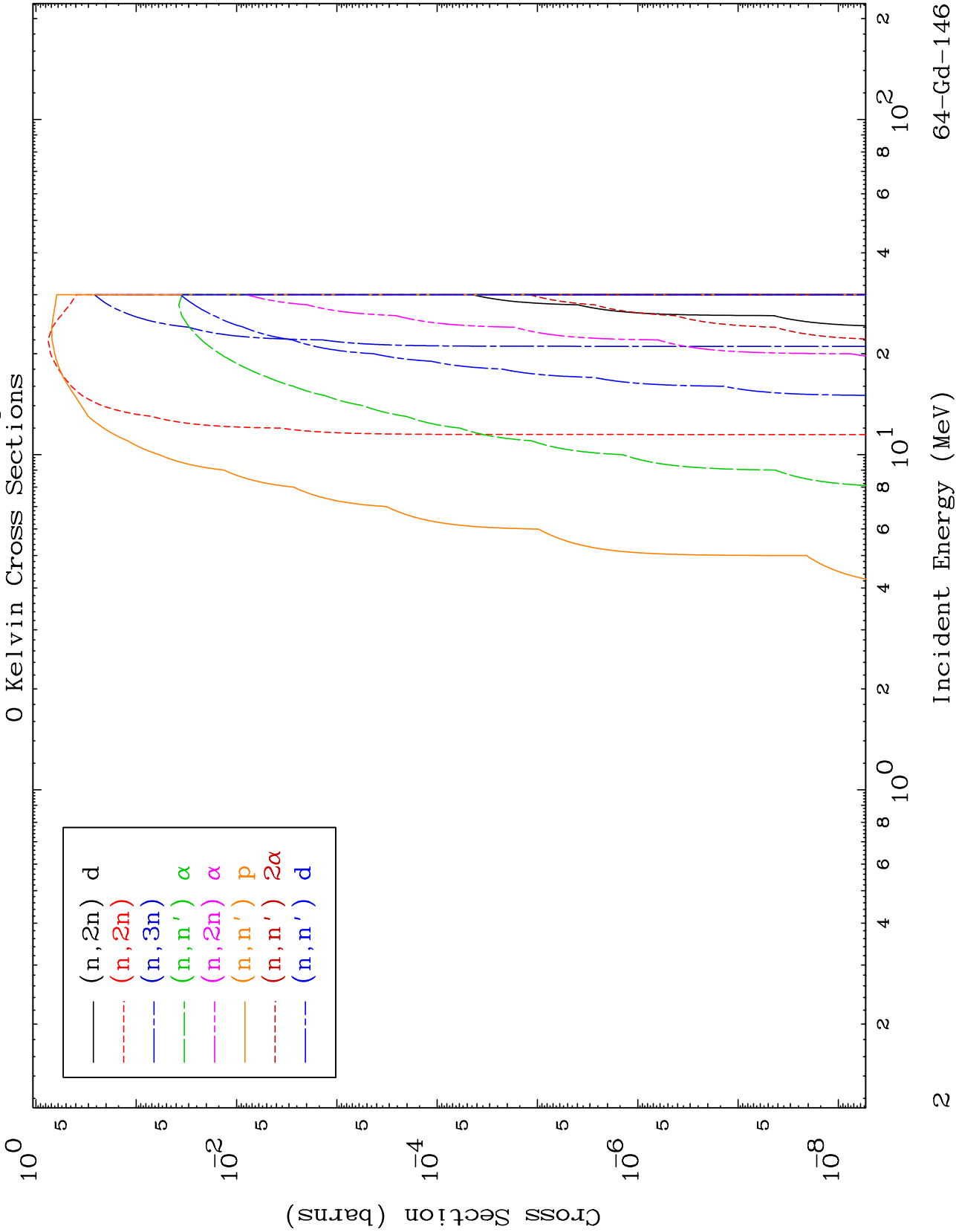
64-Gd-146

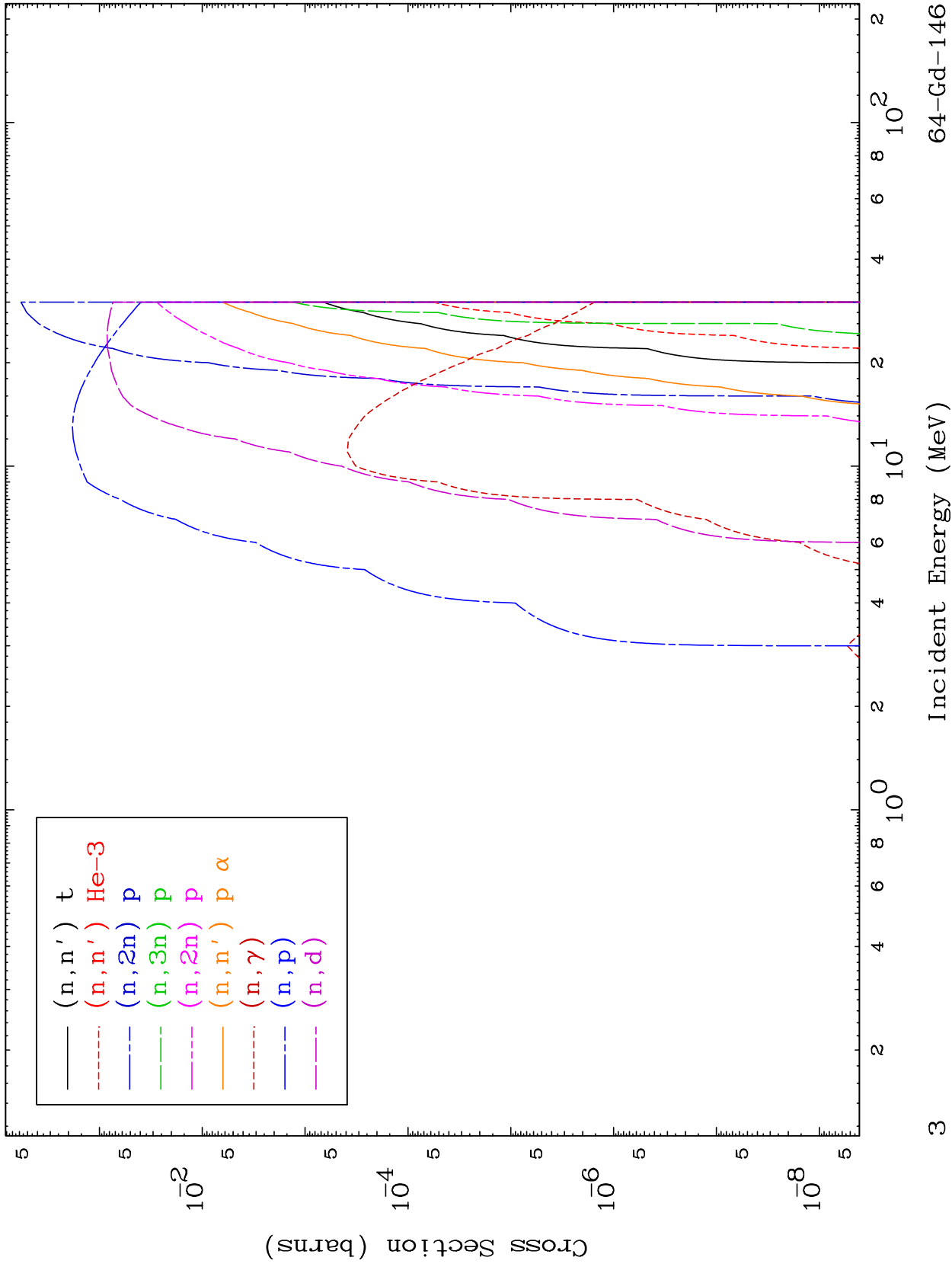


MAT 6407

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-146

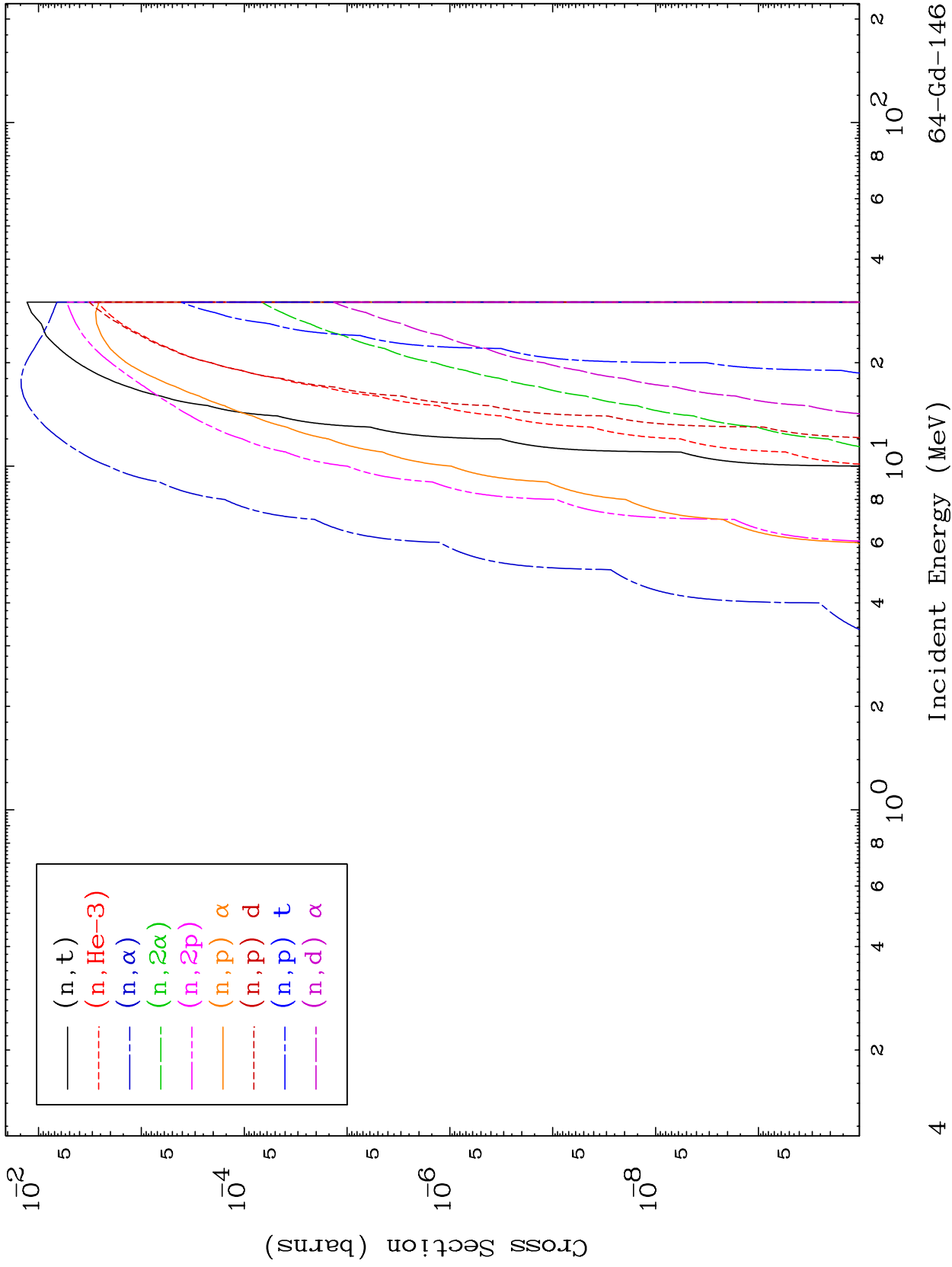


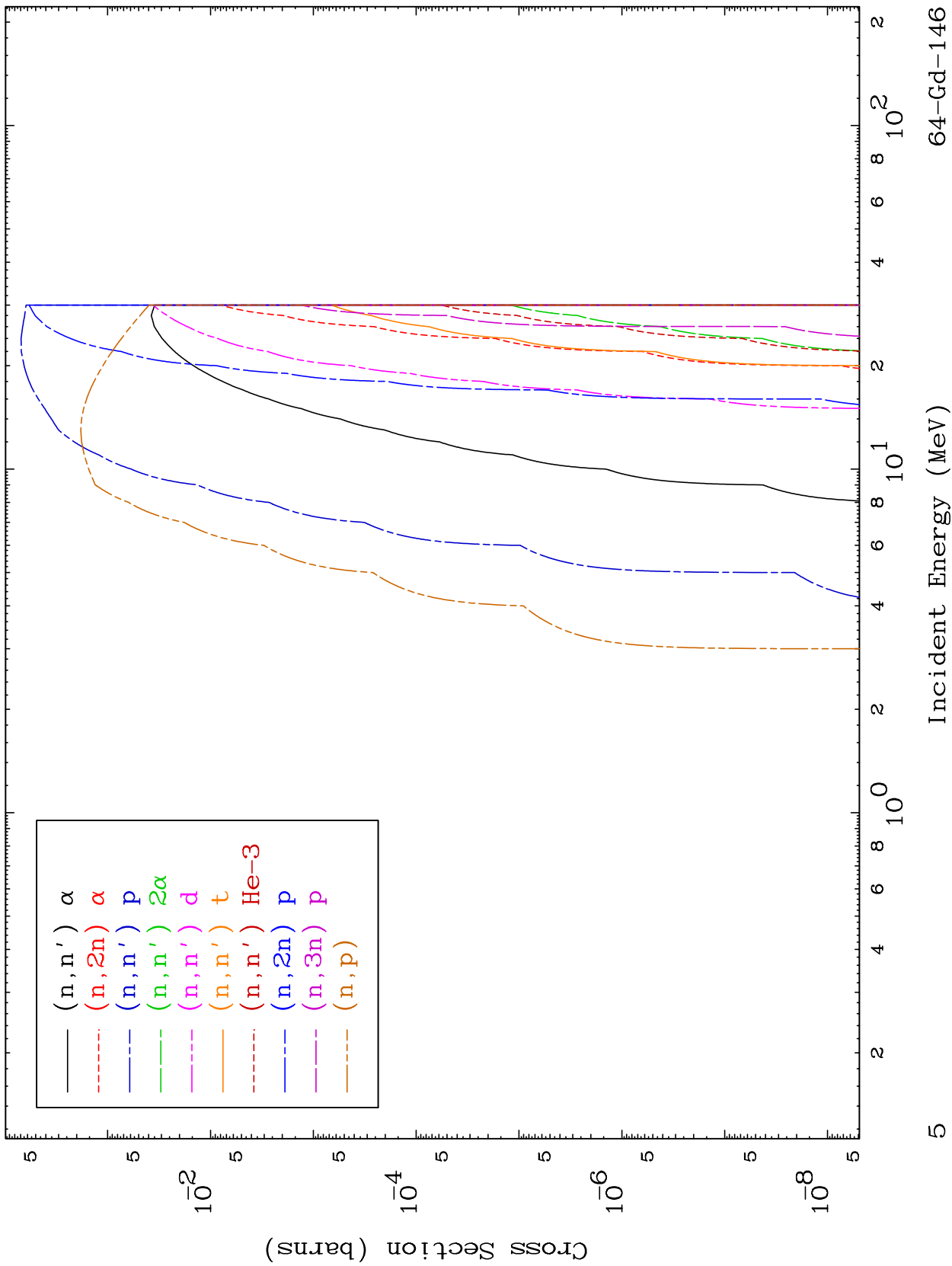


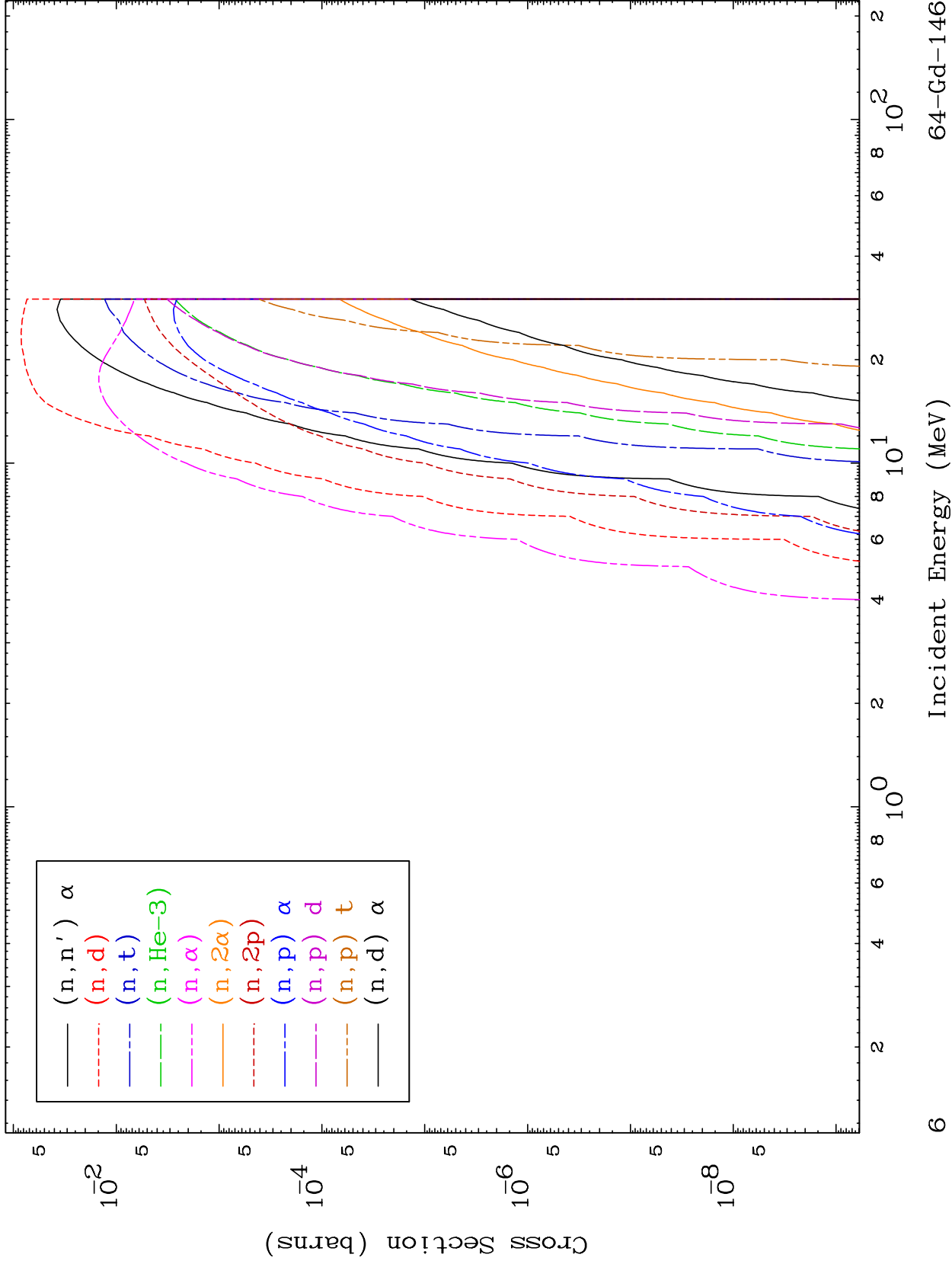
MAT 6407

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-146





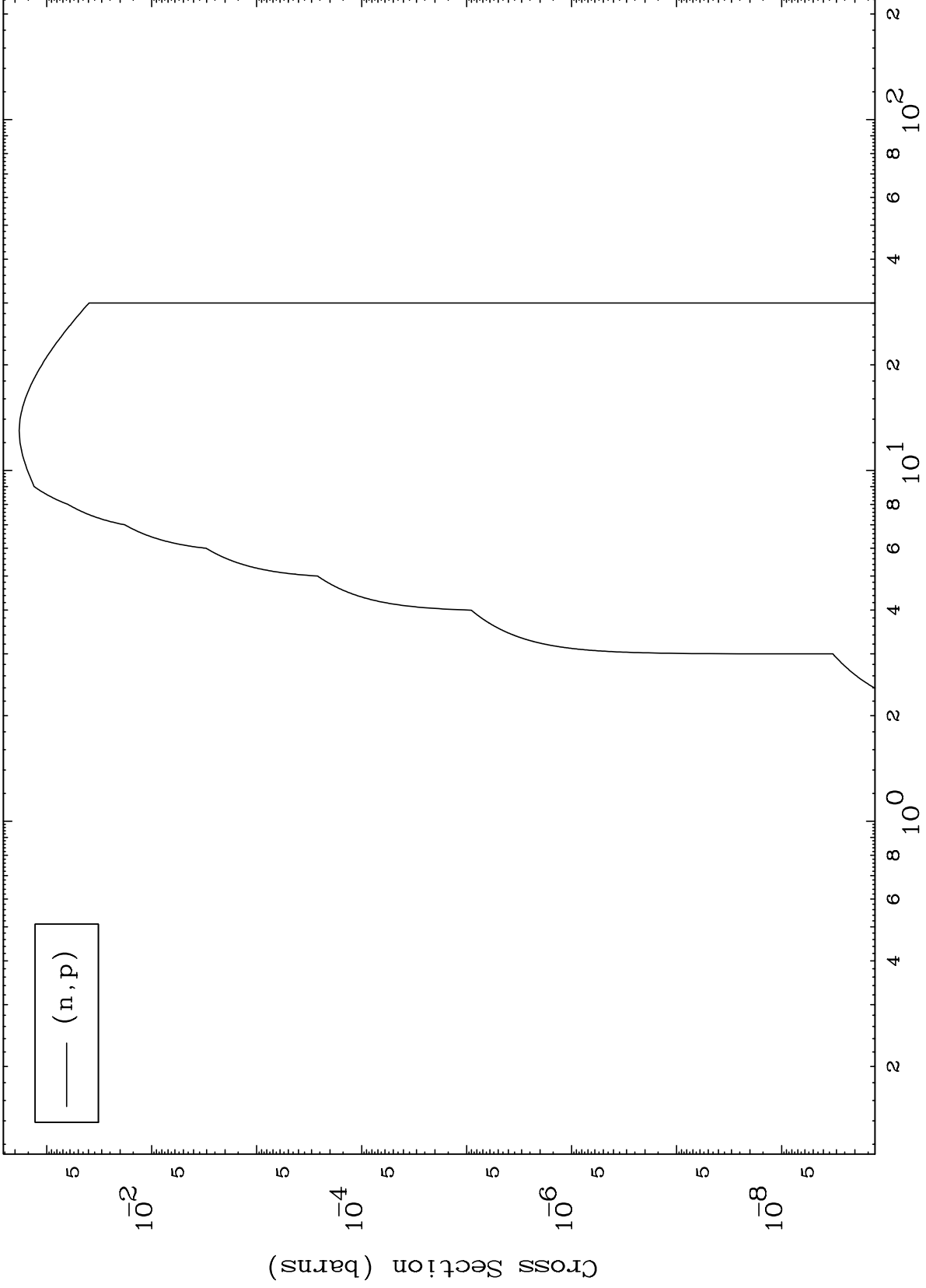


MAT 6407

(d,p) Levels

64-Gd-146

0 Kelvin Cross Sections



(n,p)

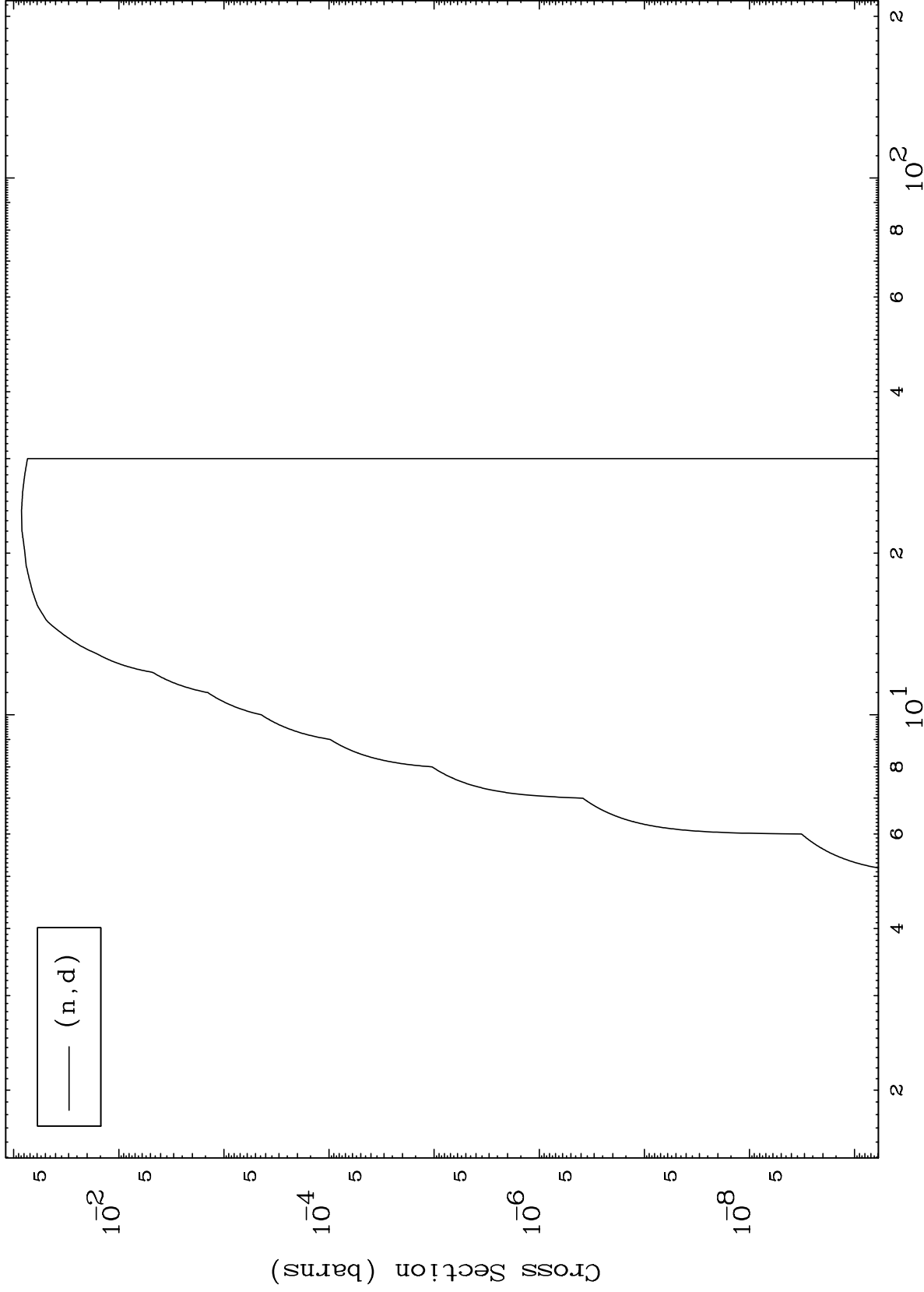
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,d) Levels
0 Kelvin Cross Sections

64-Gd-146



8

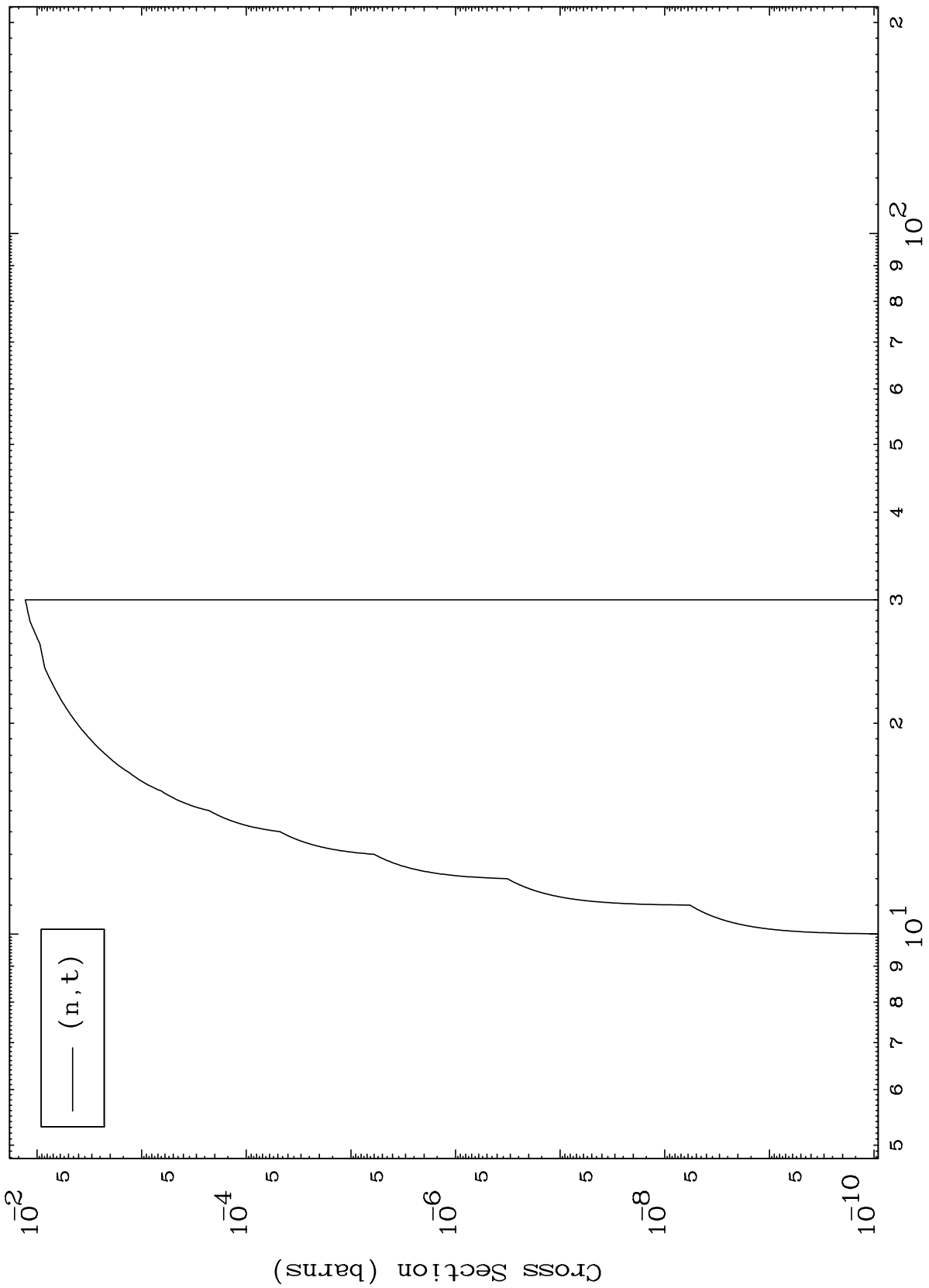
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(d,t) Levels
0 Kelvin Cross Sections



(n,t)

64-Gd-146

Incident Energy (MeV)

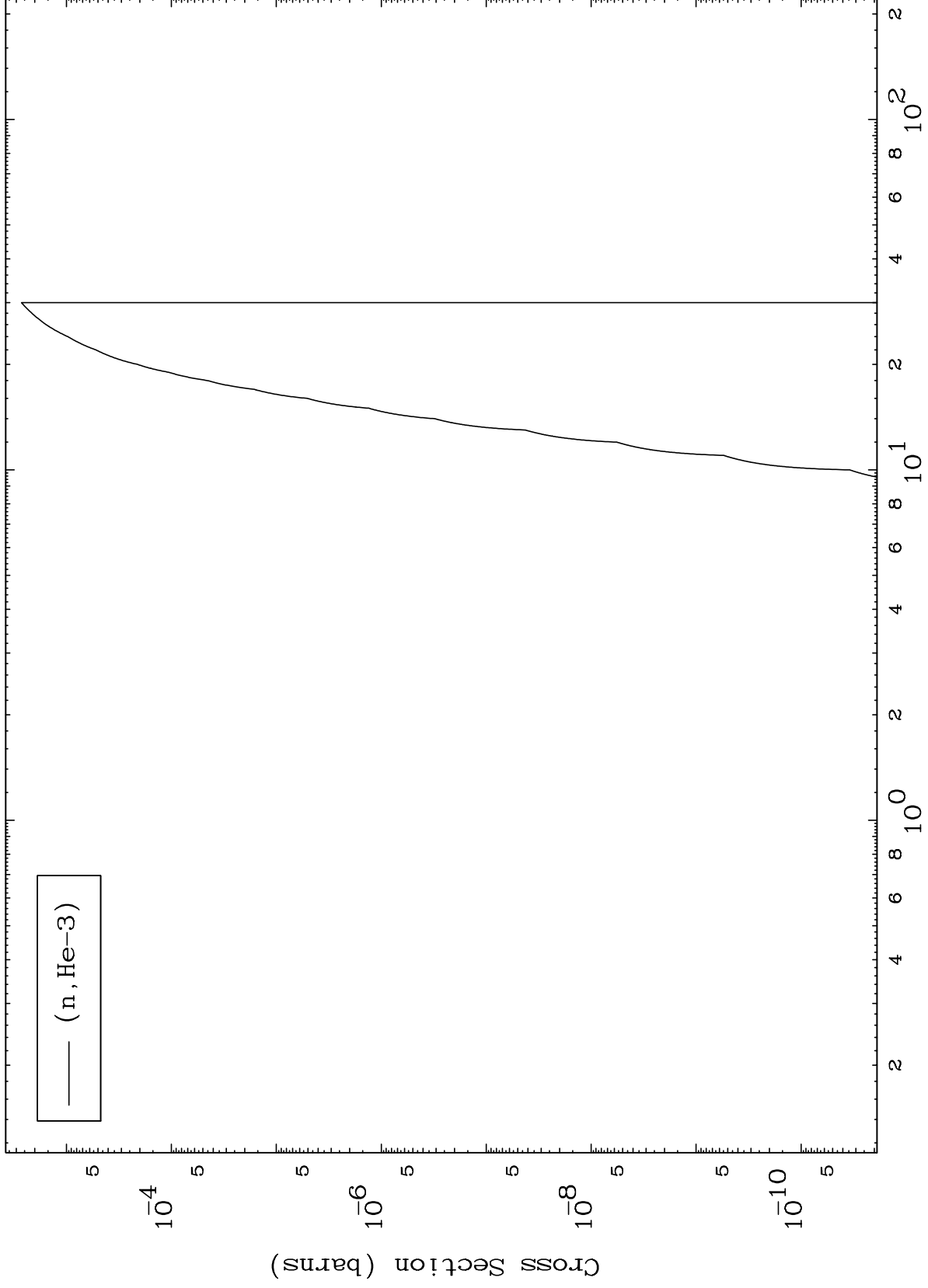
9

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(d,He3) Levels

64-Gd-146

0 Kelvin Cross Sections



10

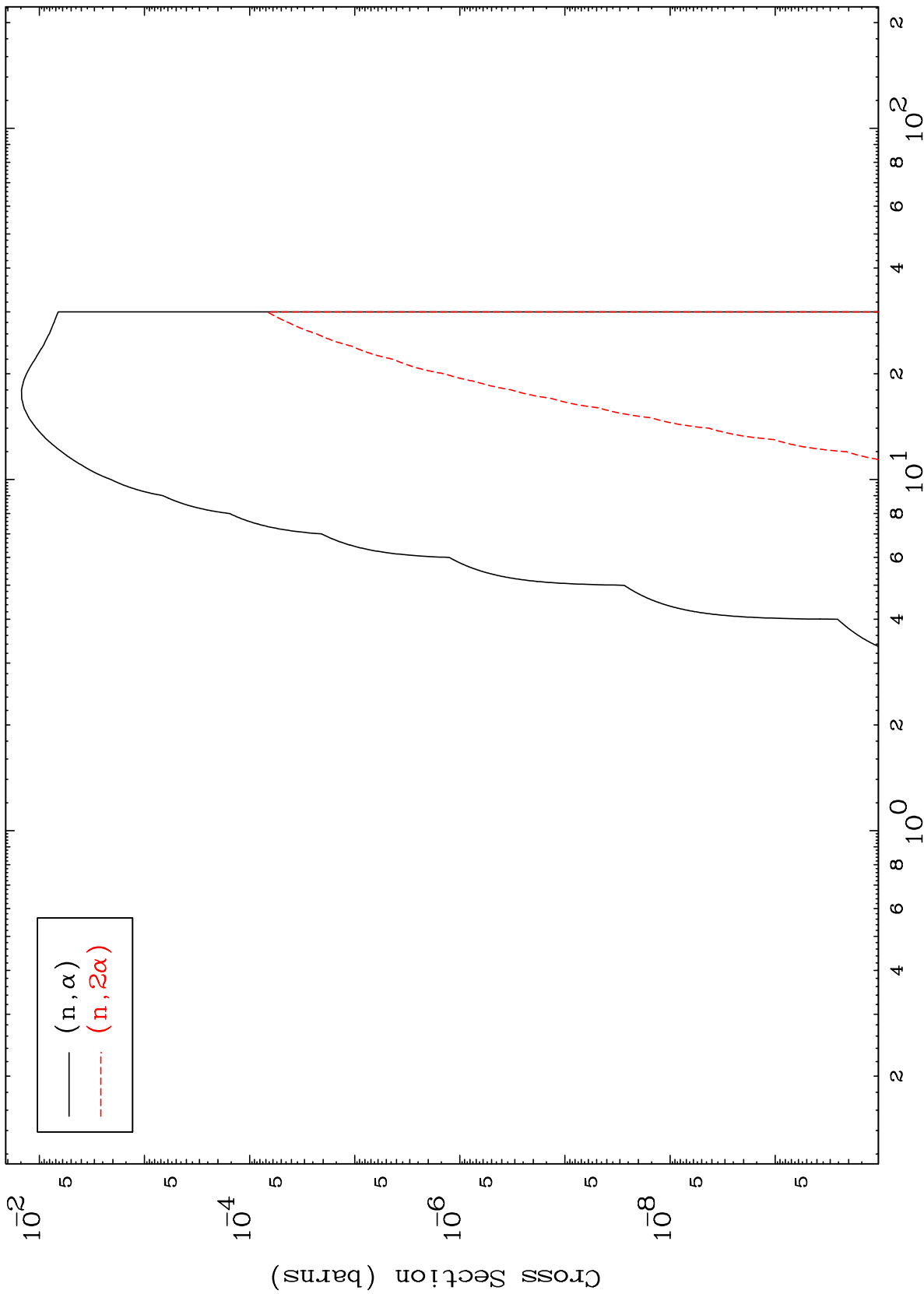
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(d, α) Levels
0 Kelvin Cross Sections



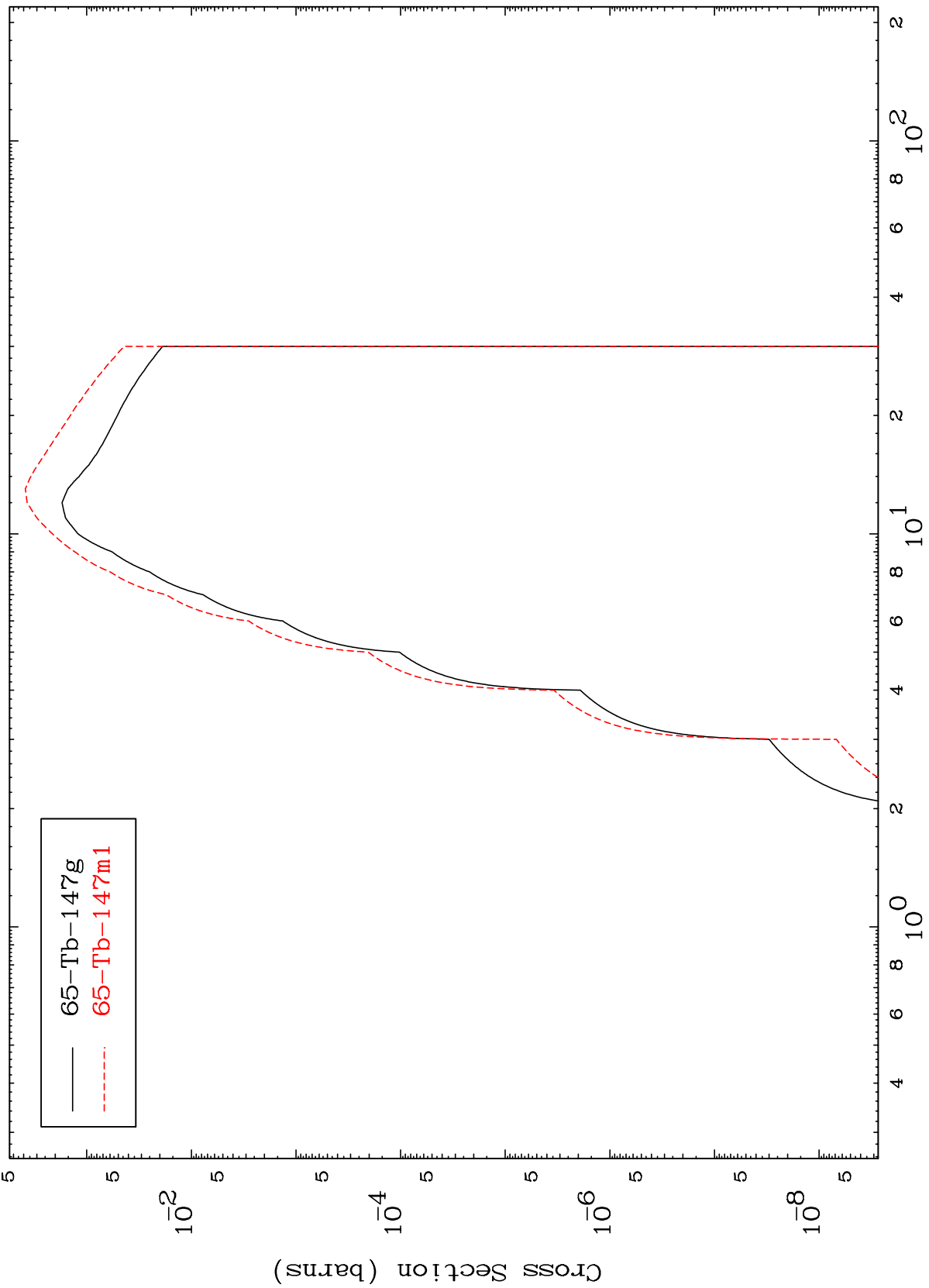
64-Gd-146

Incident Energy (MeV)

MAT 6407

64-Gd-146

Inelastic
Radionuclide Production Cross Section

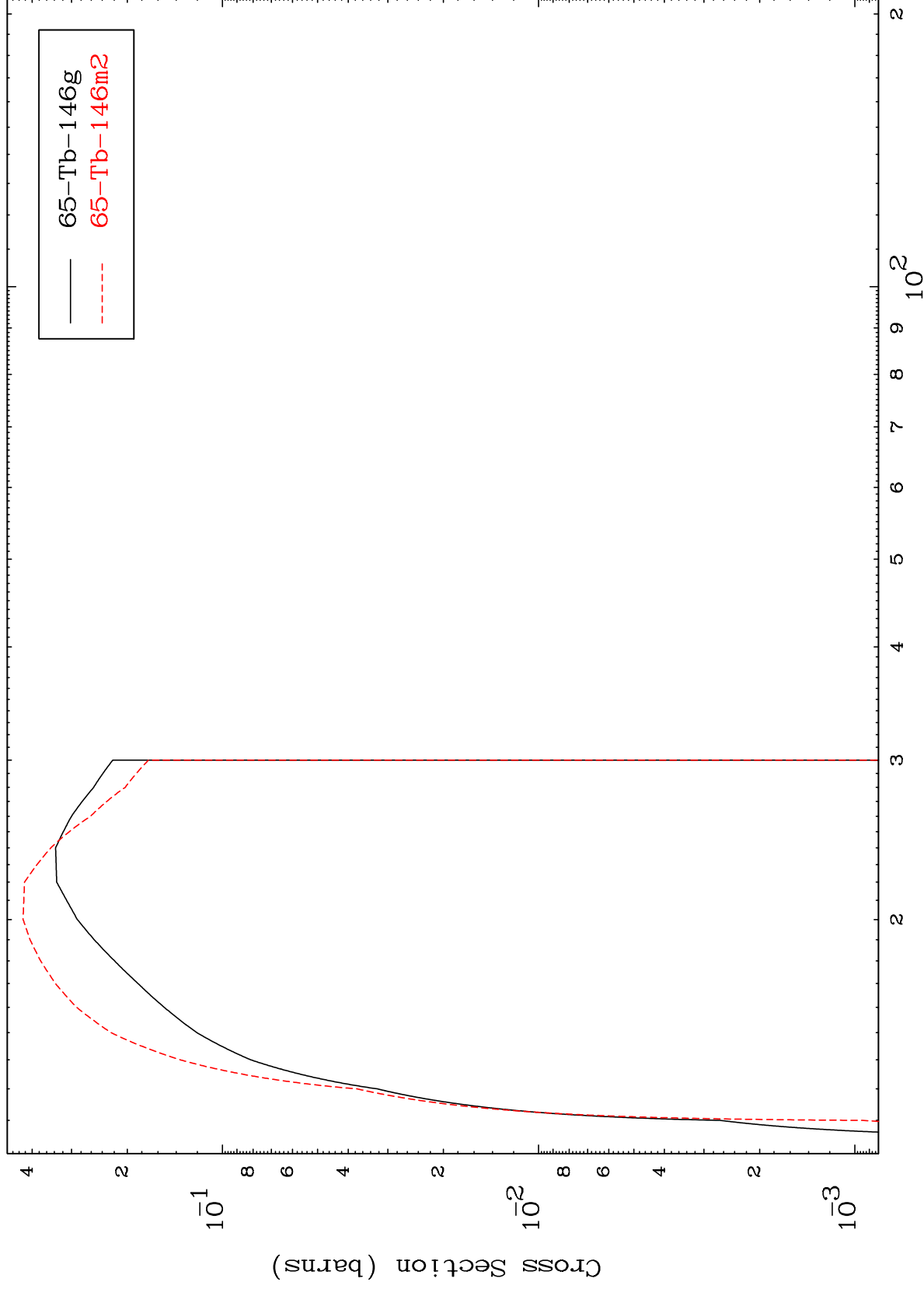


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Incident Energy (MeV)

64-Gd-146

Radionuclide Production Cross Section

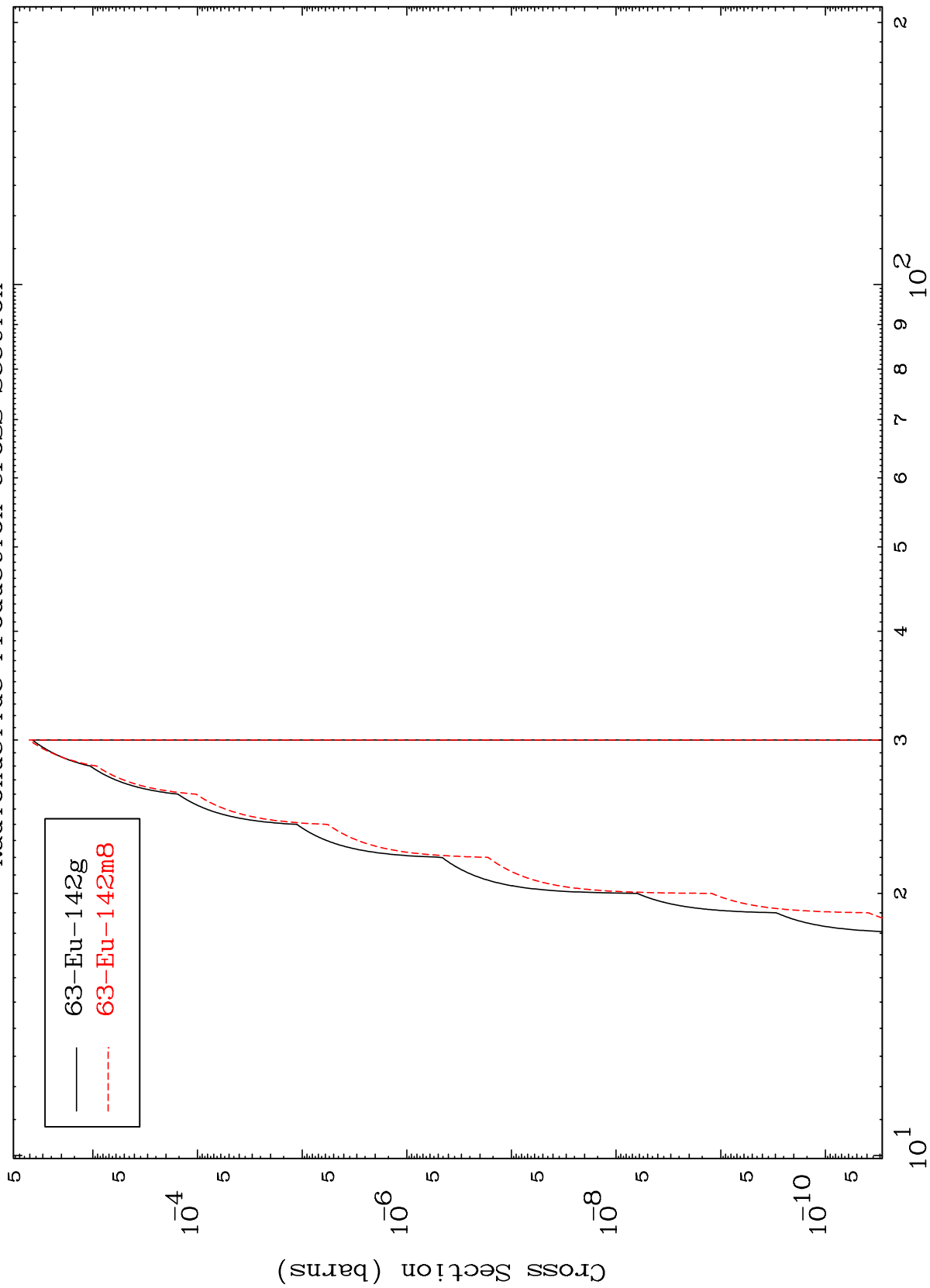


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(n,2n) α

64-Gd-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

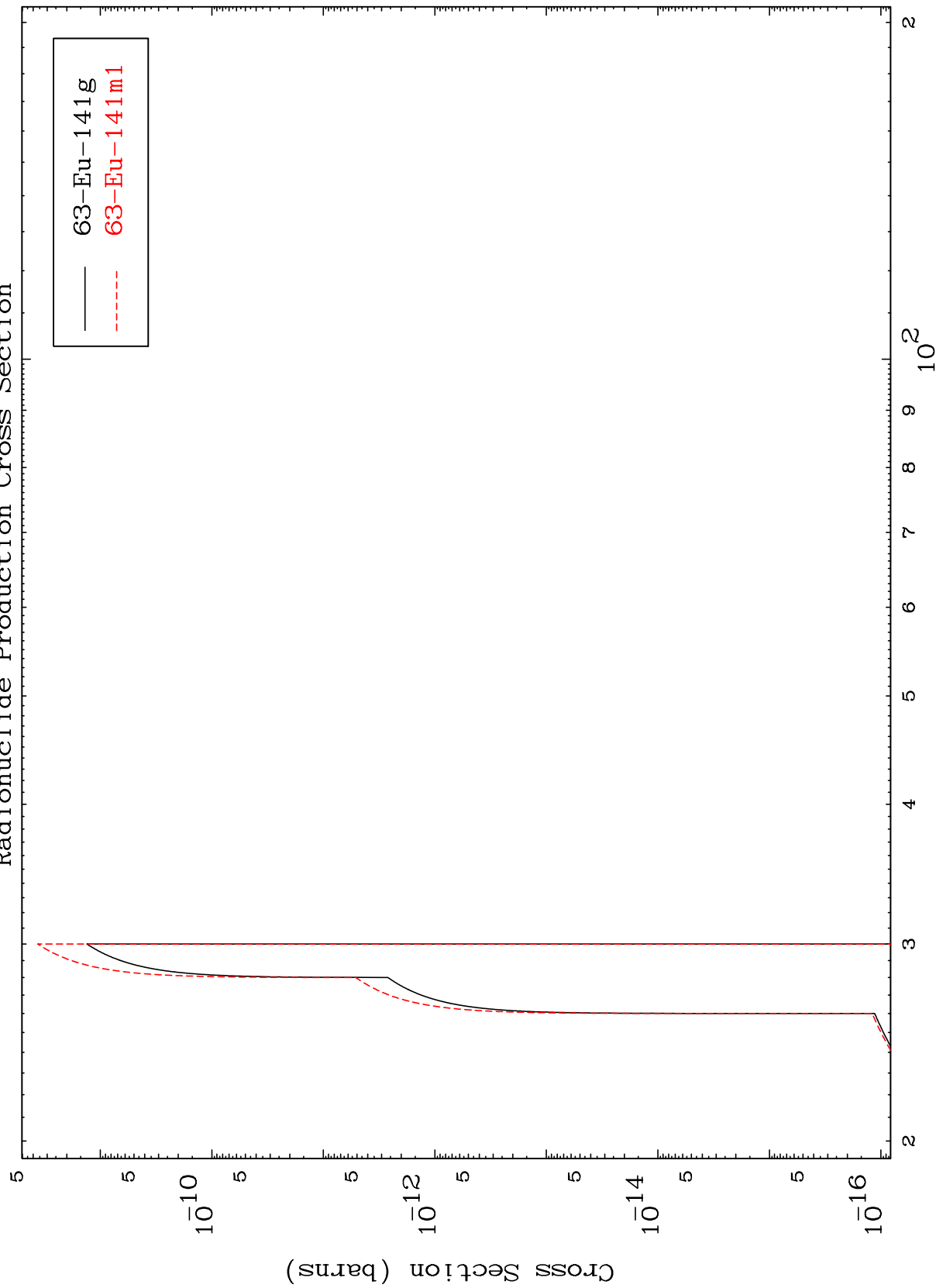
64-Gd-146

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$(n,3n) \alpha$

64-Gd-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

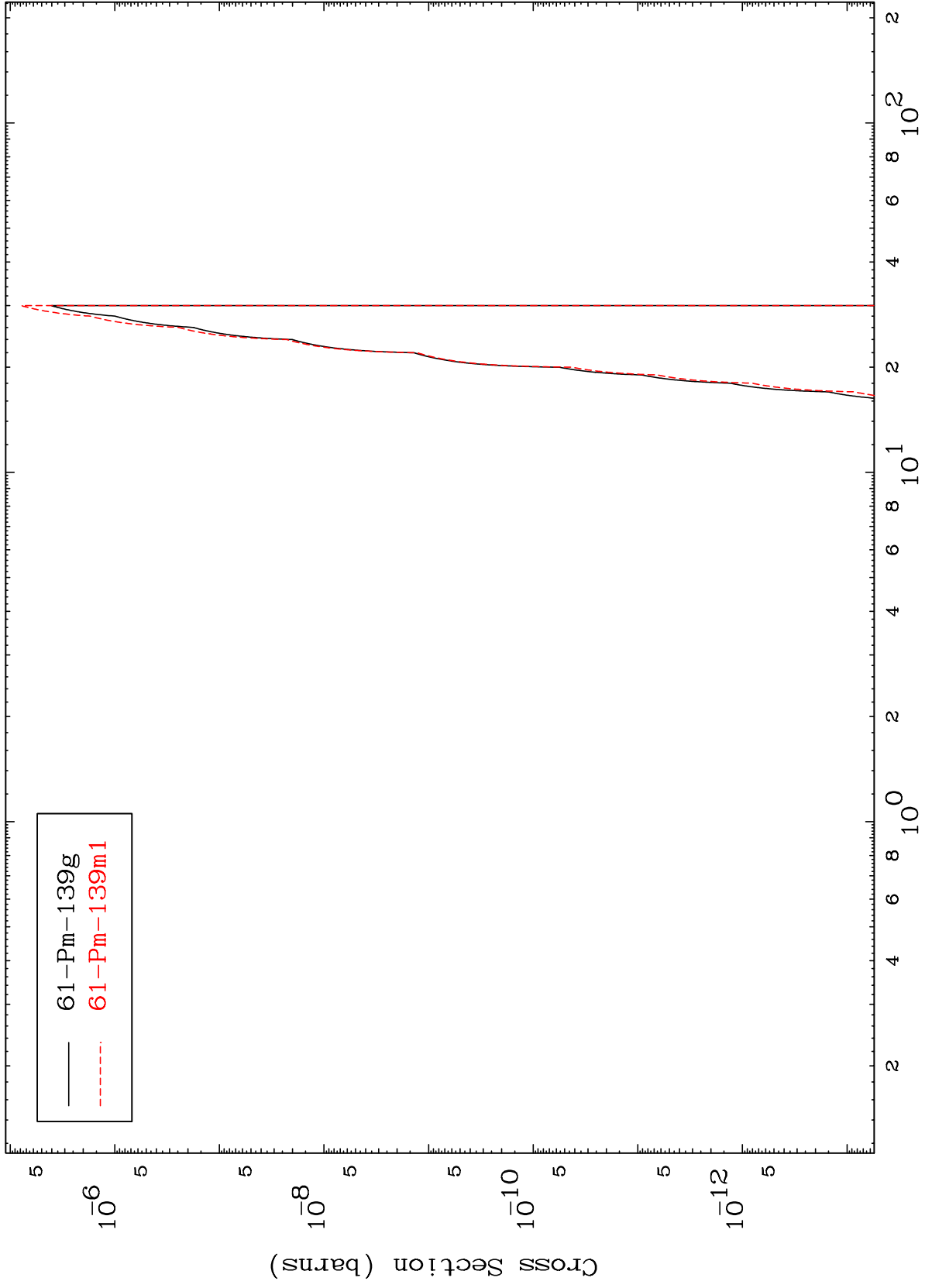
64-Gd-146

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(n,n') 2α

64-Gd-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

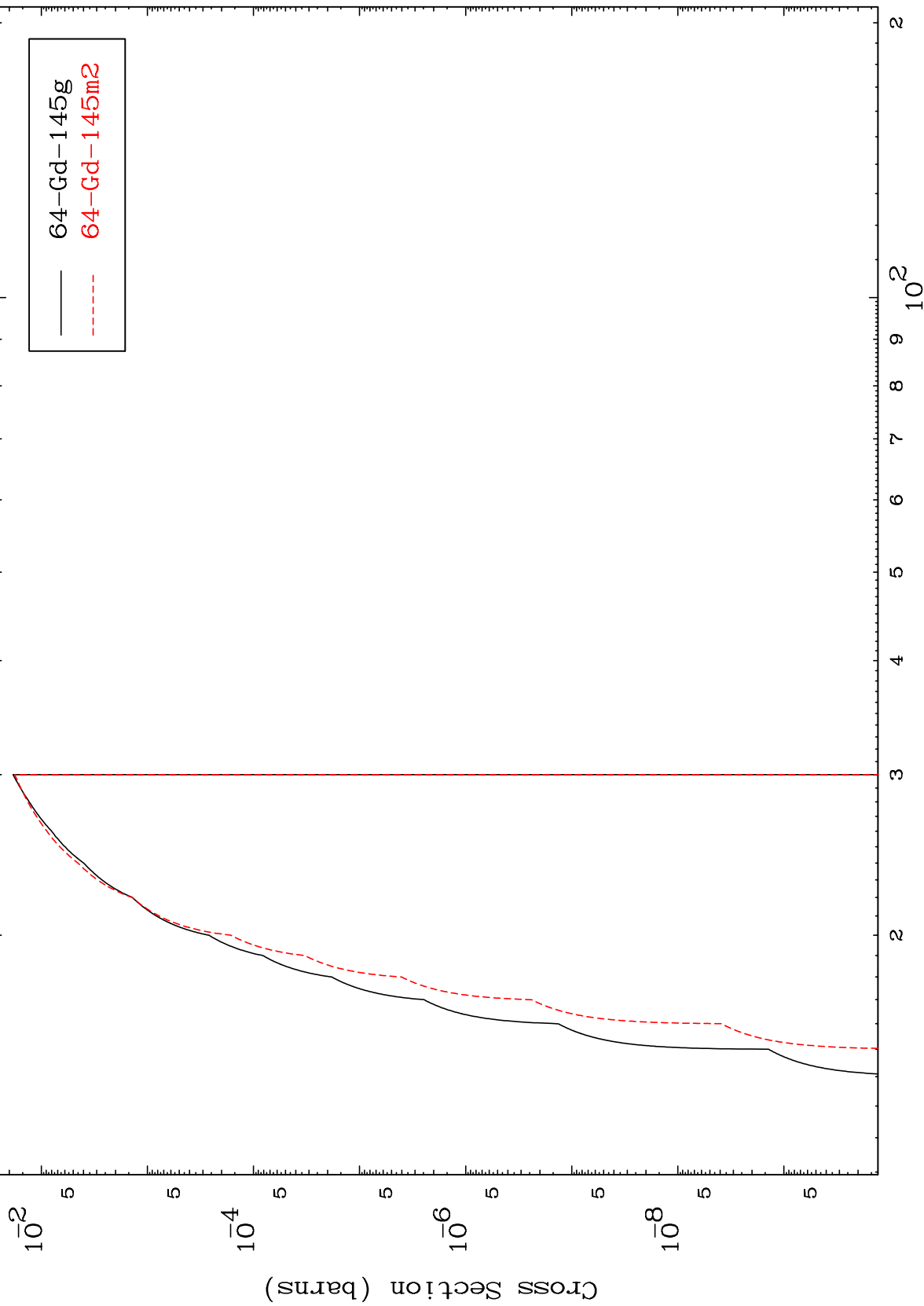
64-Gd-146

MAT 6407

(n,n') d

64-Gd-146

Radionuclide Production Cross Section



17

Incident Energy (MeV)

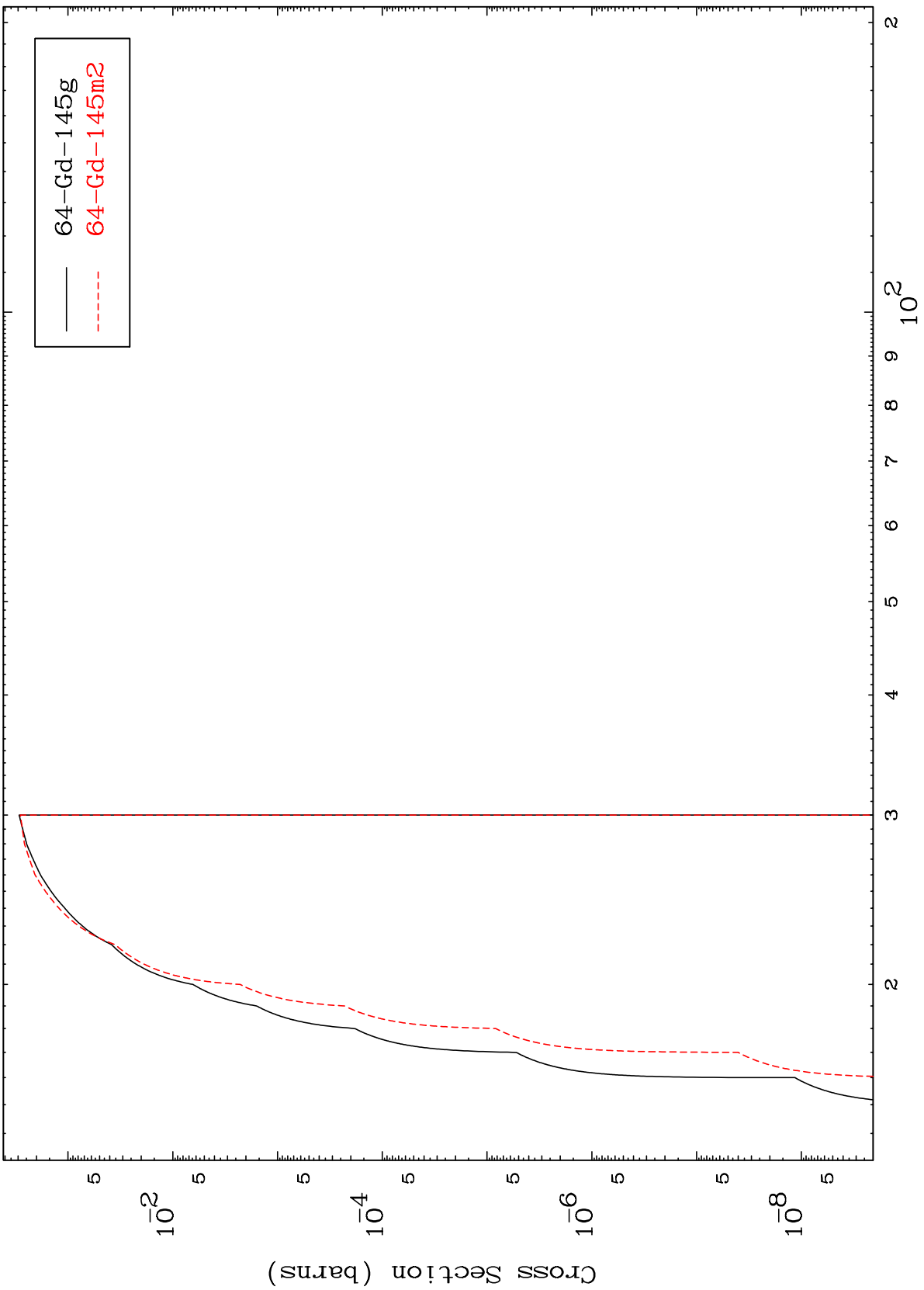
64-Gd-146

MAT 6407

(n,2n) p

64-Gd-146

Radionuclide Production Cross Section



18

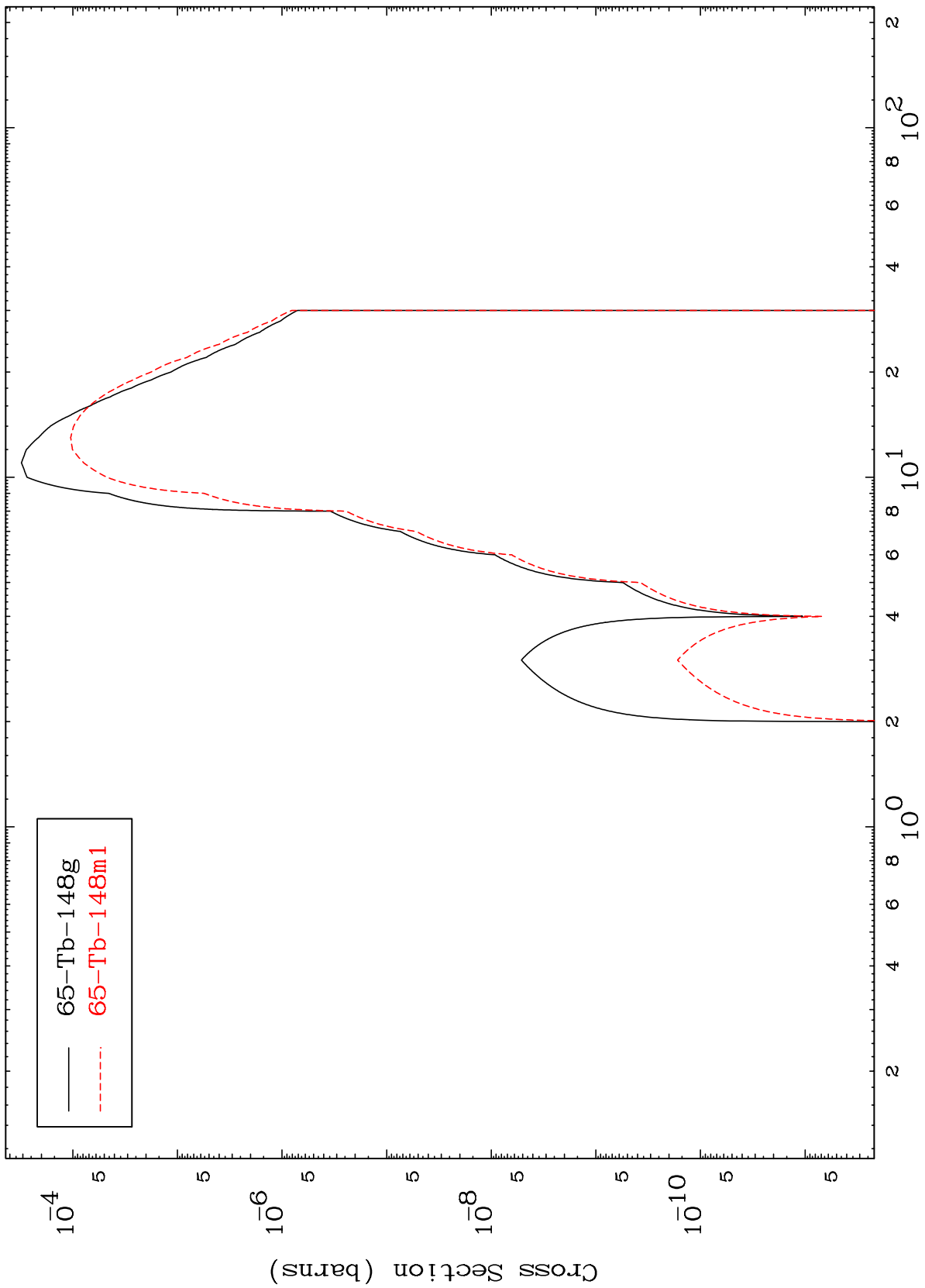
Incident Energy (MeV)

64-Gd-146

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64-Gd-146

(n, γ)
Radionuclide Production Cross Section



19

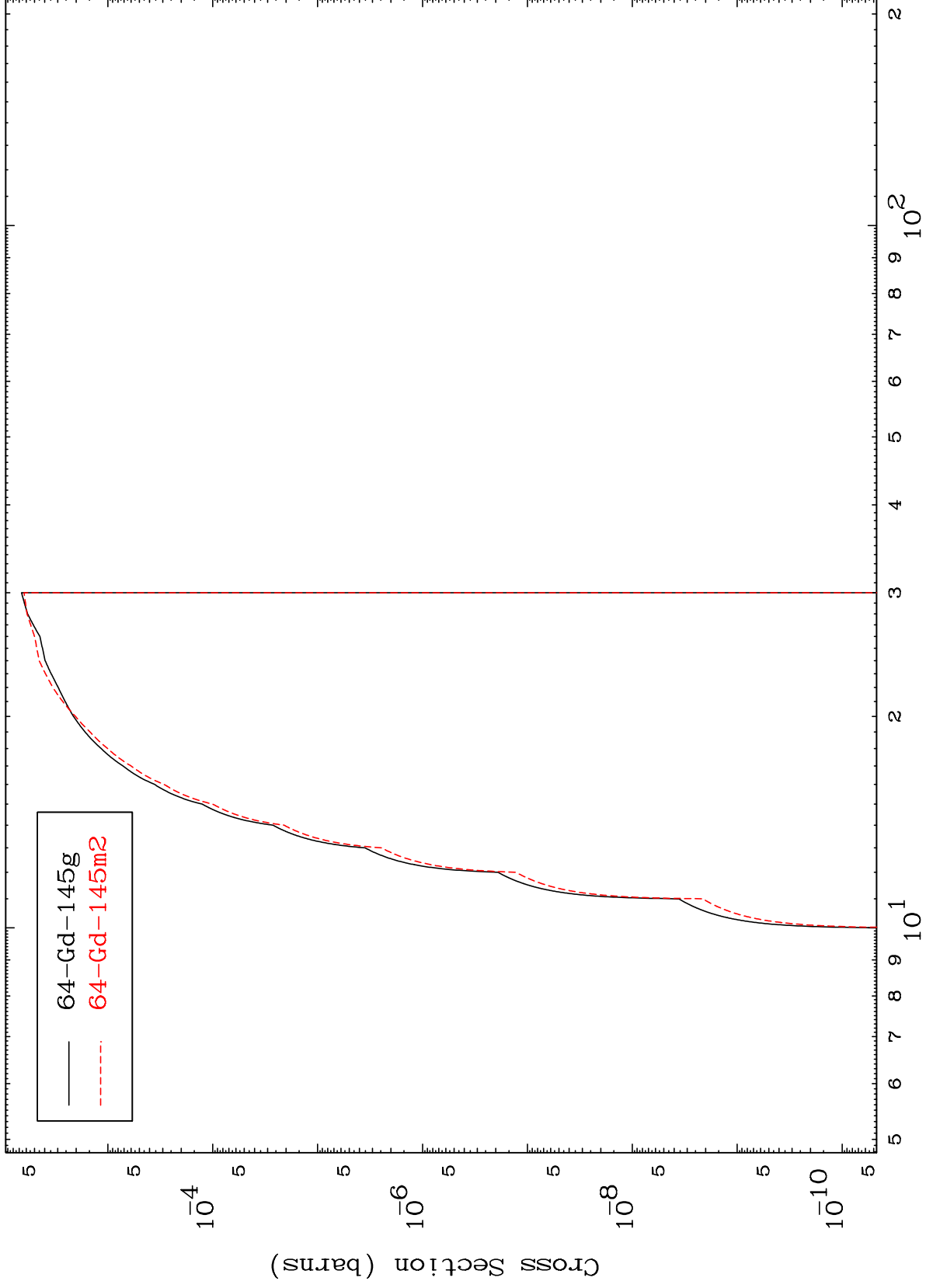
64-Gd-146

Incident Energy (MeV)

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64-Gd-146

(n, t)
Radionuclide Production Cross Section



20

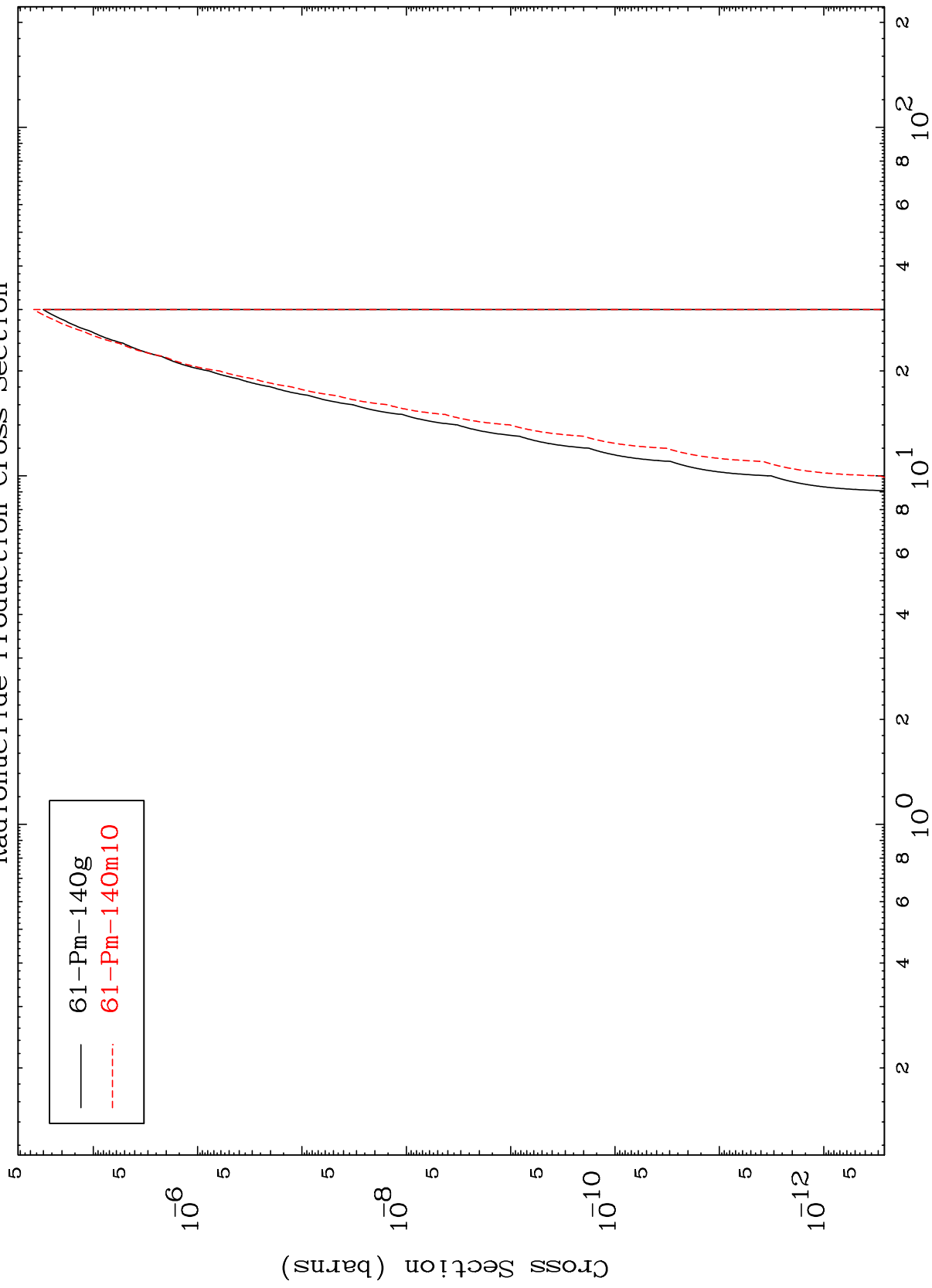
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

Radionuclide Production Cross Section
(n,2 α)



21

Incident Energy (MeV)

64-Gd-146

MAT 6407

(n,p) α

$^{64}\text{Gd}-146$

Radionuclide Production Cross Section

