

Program EVALPLOT
(Version 2018-1)

by

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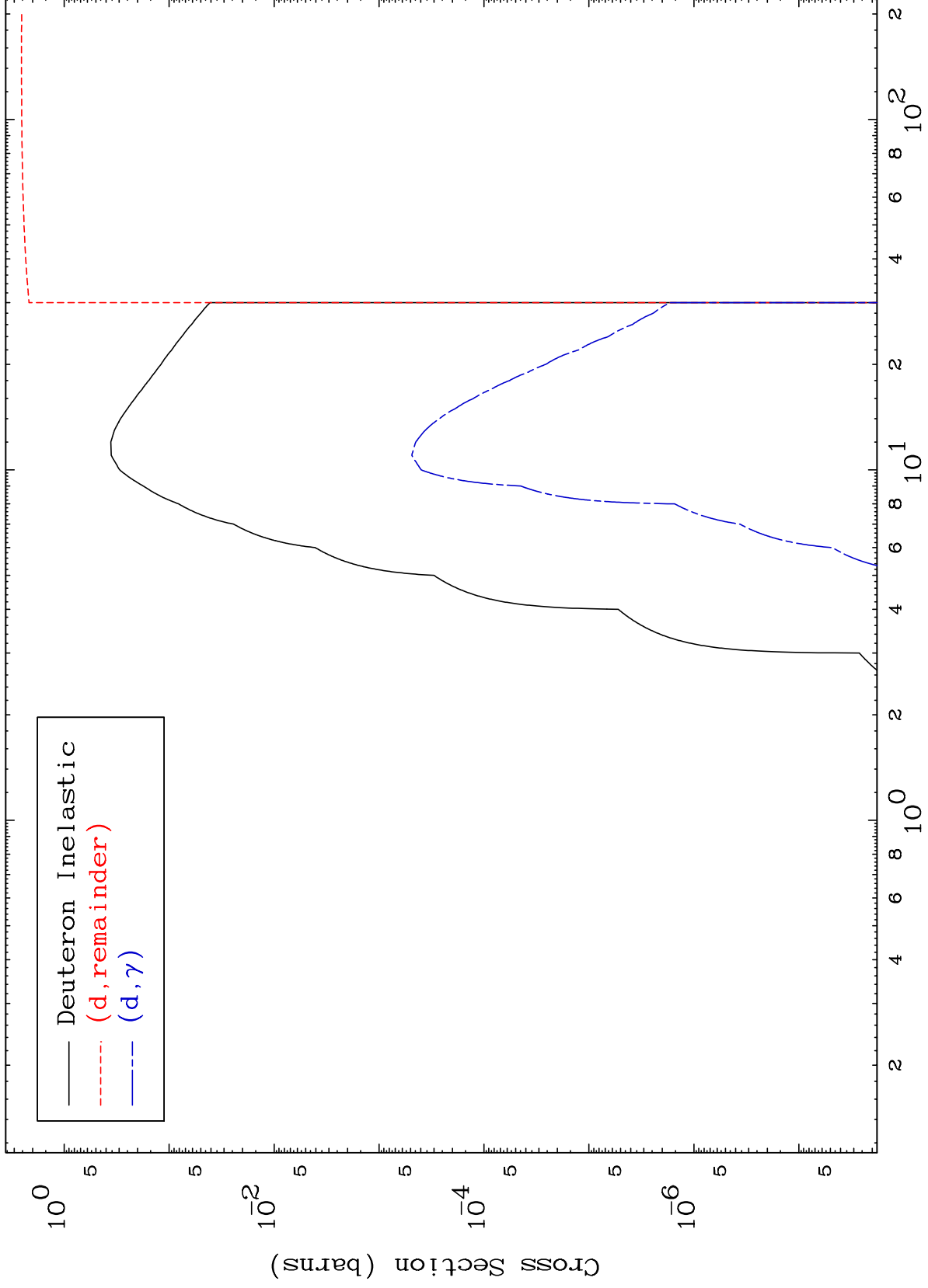
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6405

Deuteron Major
0 Kelvin Cross Sections

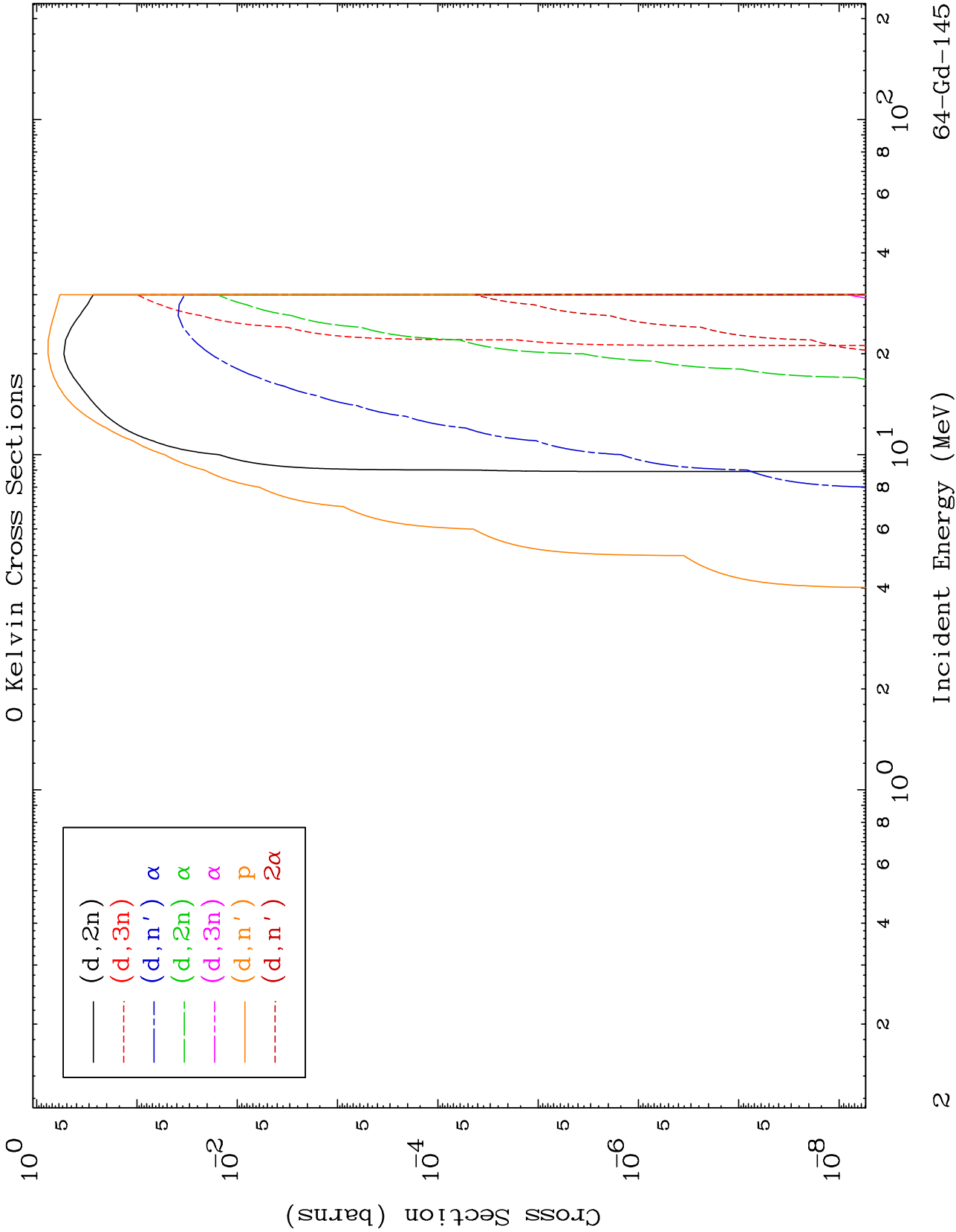
64-Gd-145

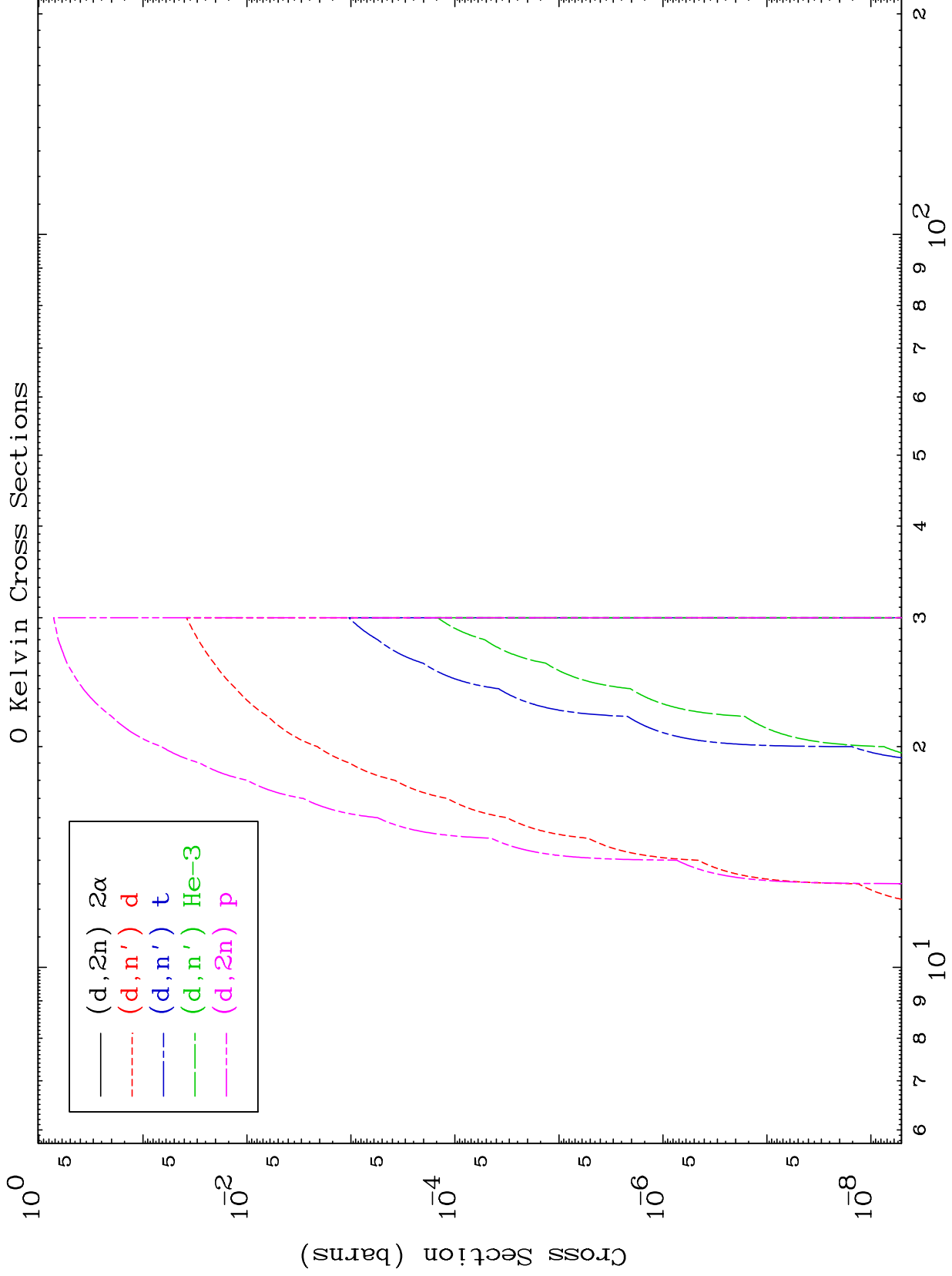


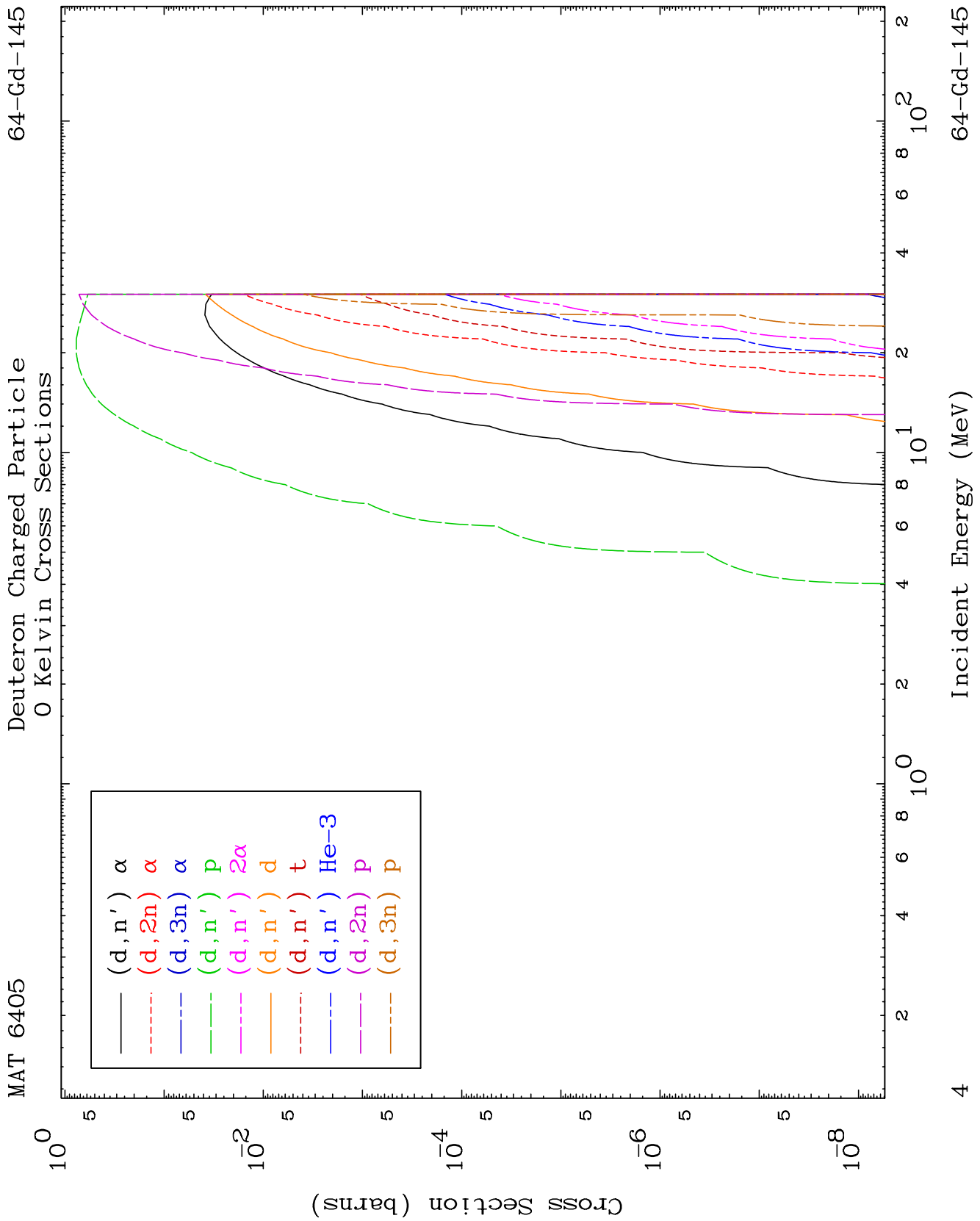
MAT 6405

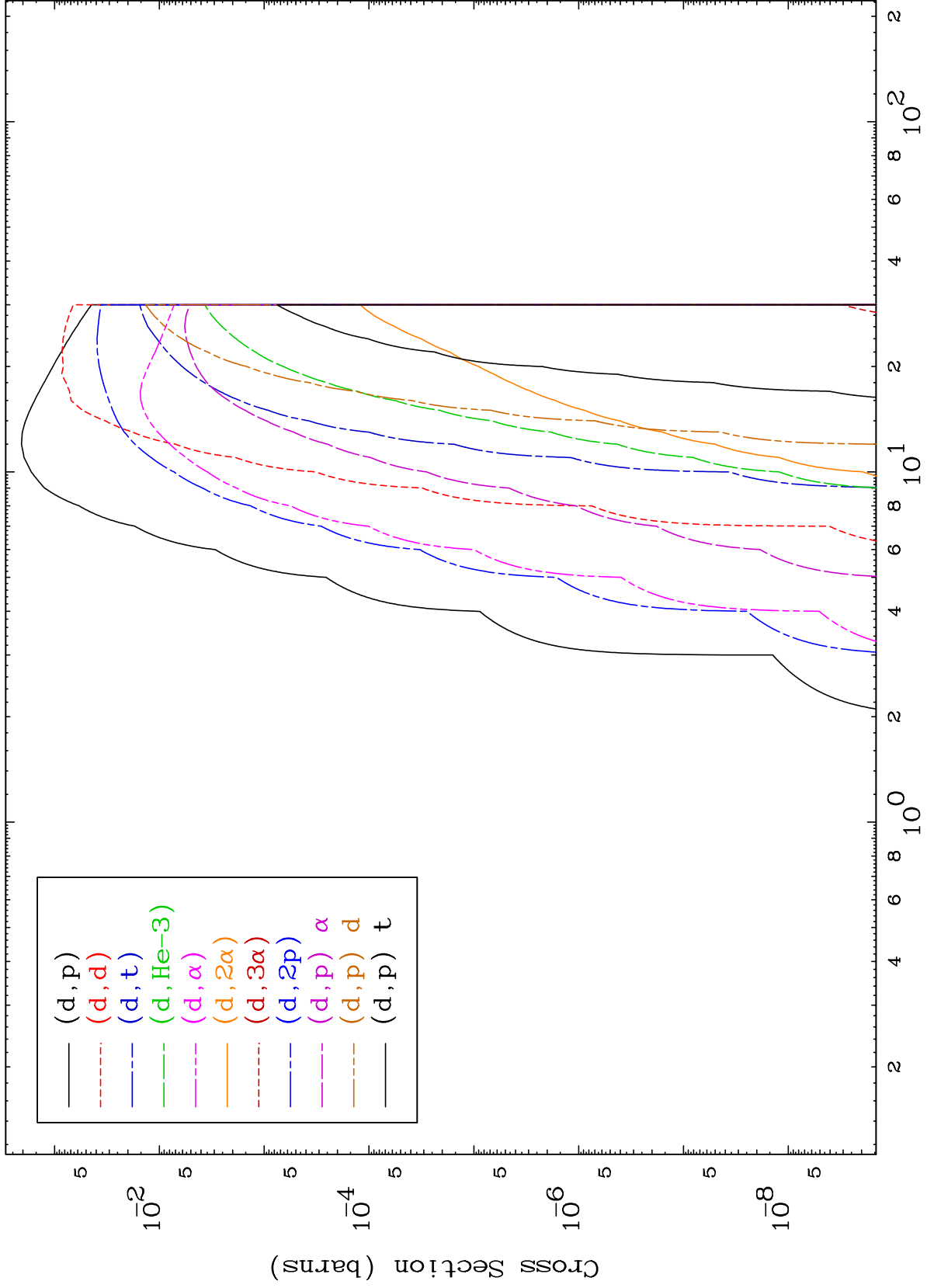
Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-145







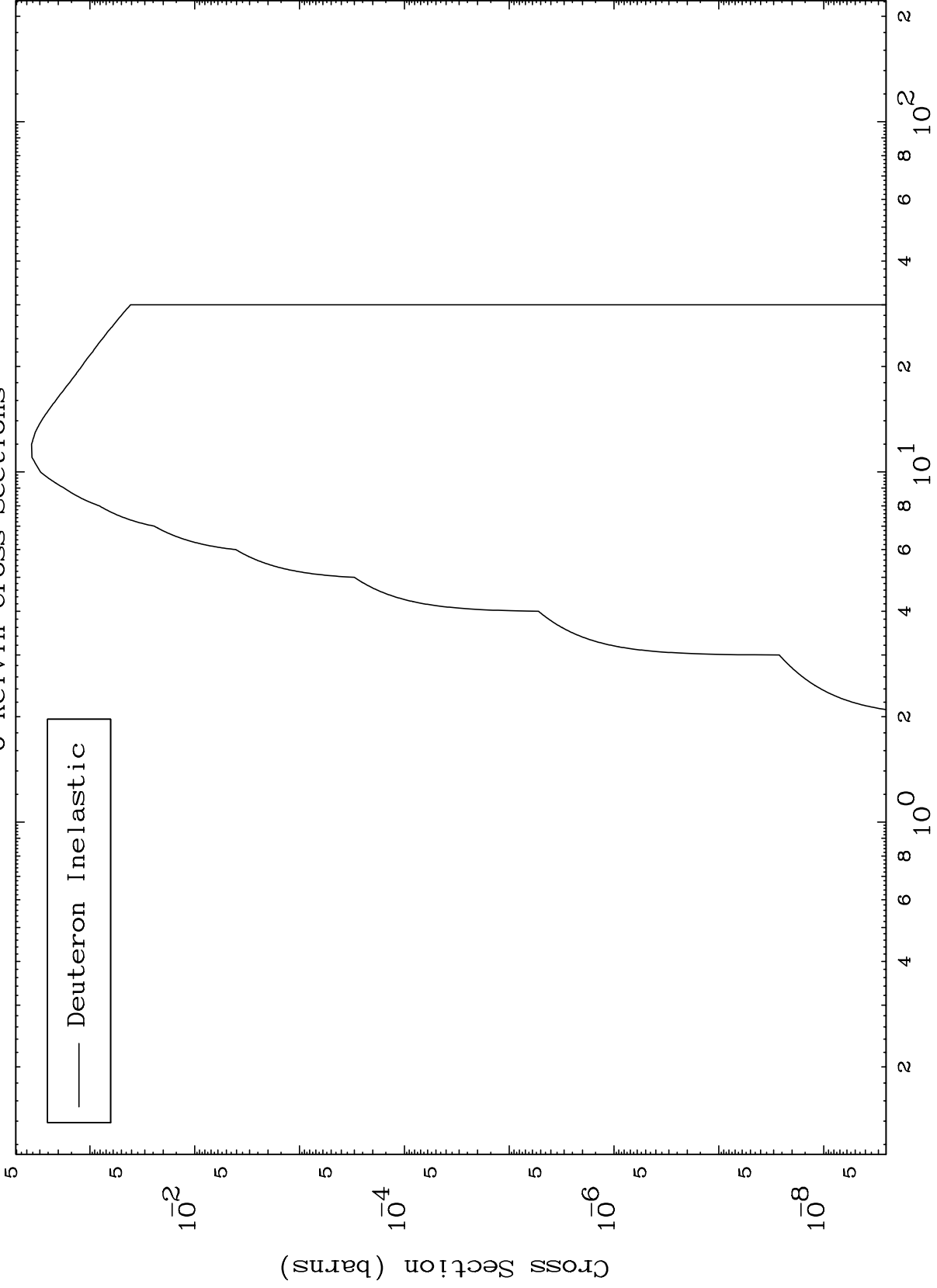


MAT 6405

(d,n') Level

64-Gd-145

0 Kelvin Cross Sections

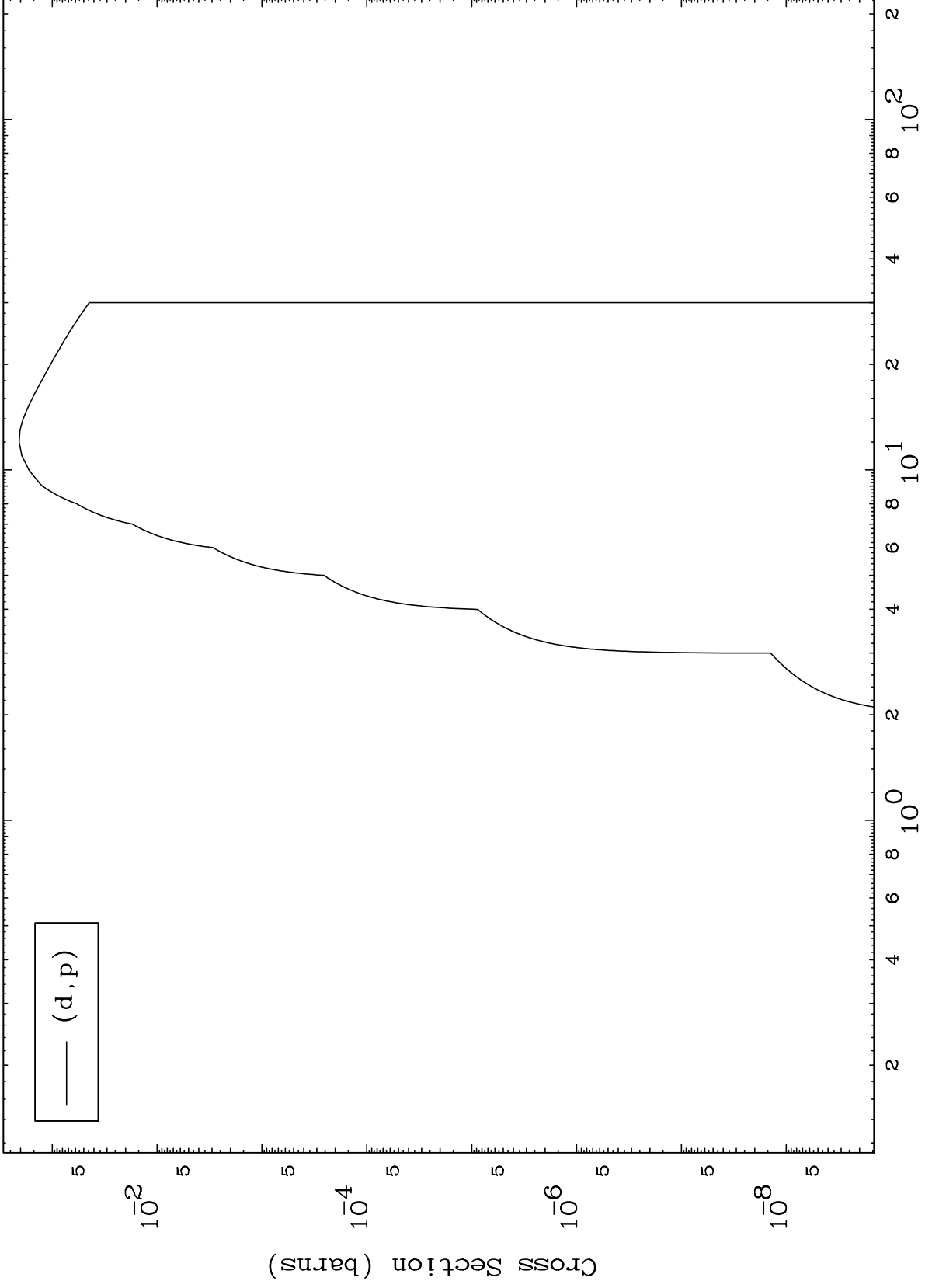


MAT 6405

(d,p) Levels

64-Gd-145

0 Kelvin Cross Sections



(d,p)

64-Gd-145

Incident Energy (MeV)

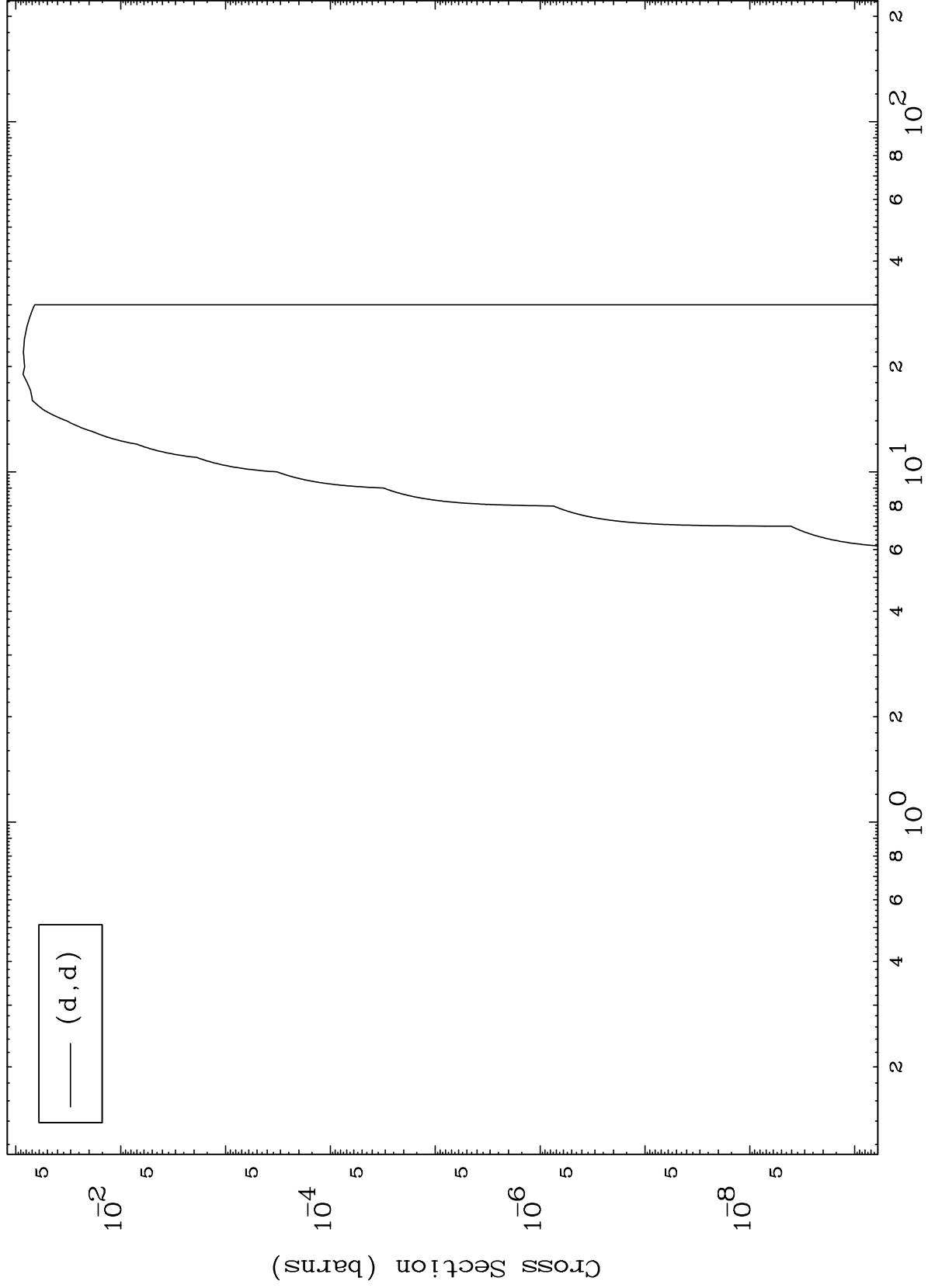
7

MAT 6405

(d,d) Levels

64-Gd-145

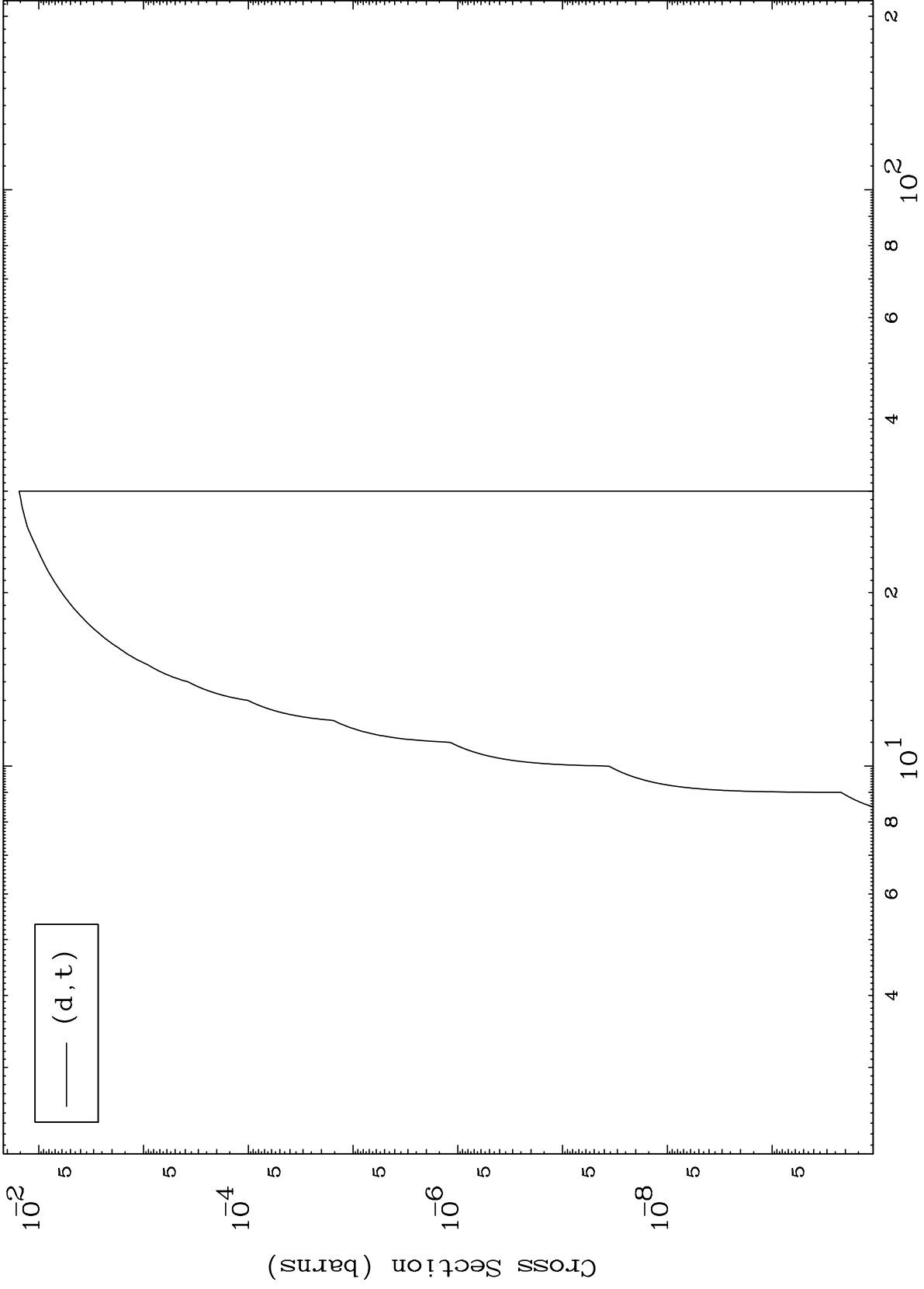
0 Kelvin Cross Sections



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(d, t) Levels
0 Kelvin Cross Sections

64-Gd-145

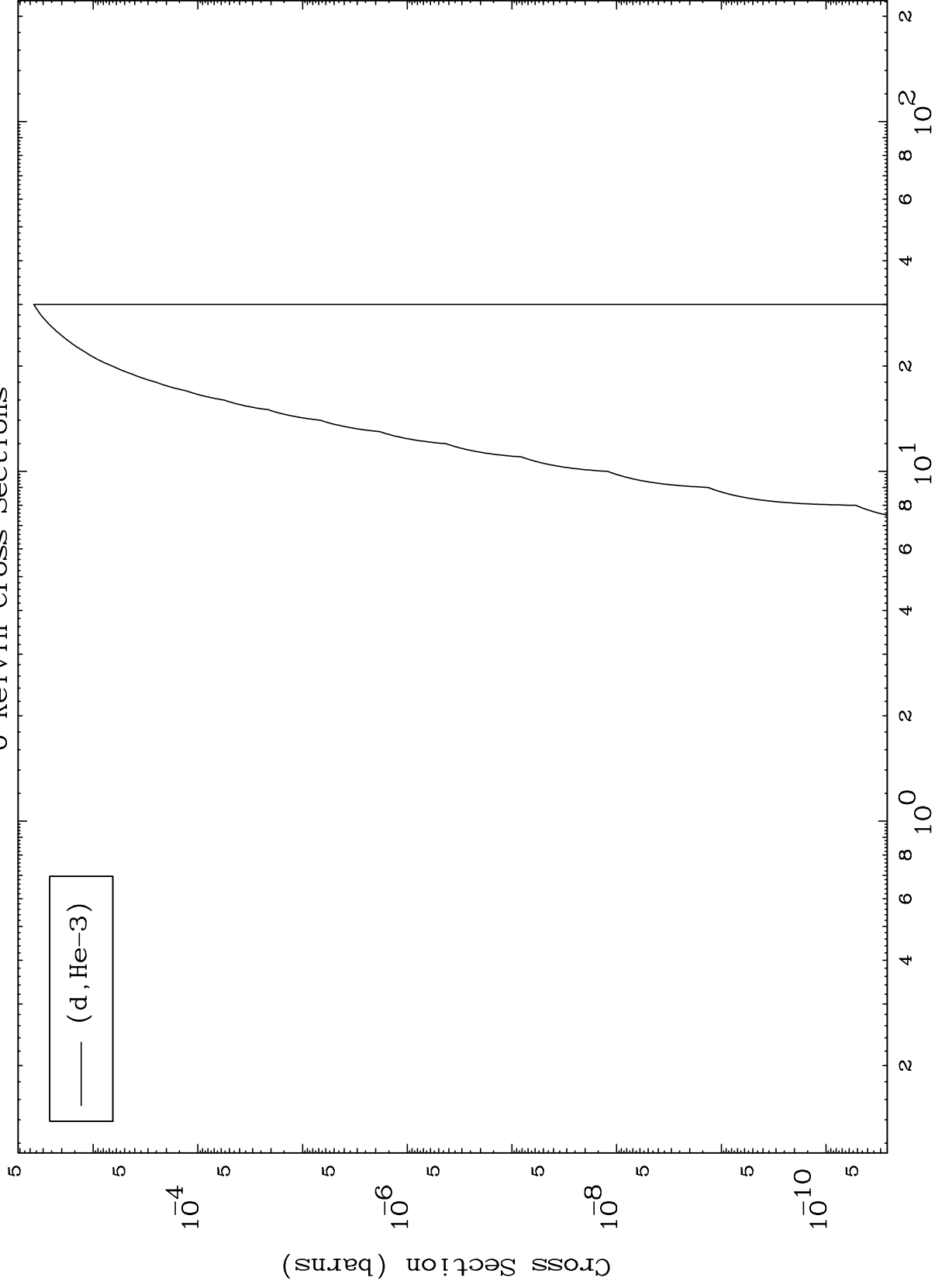


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(d,He3) Levels

64-Gd-145

0 Kelvin Cross Sections



10

Incident Energy (MeV)

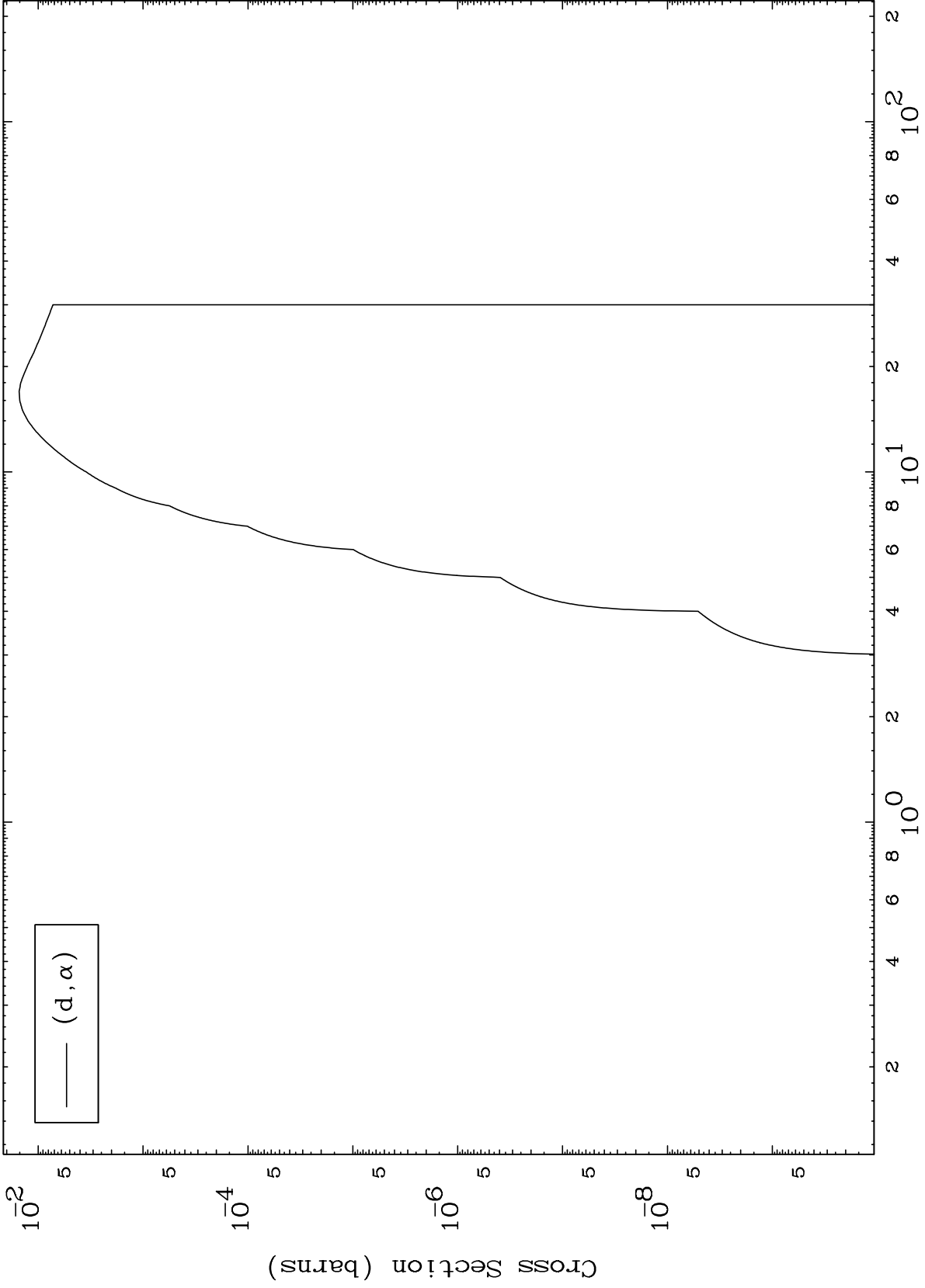
64-Gd-145

MAT 6405

(d, α) Levels

64-Gd-145

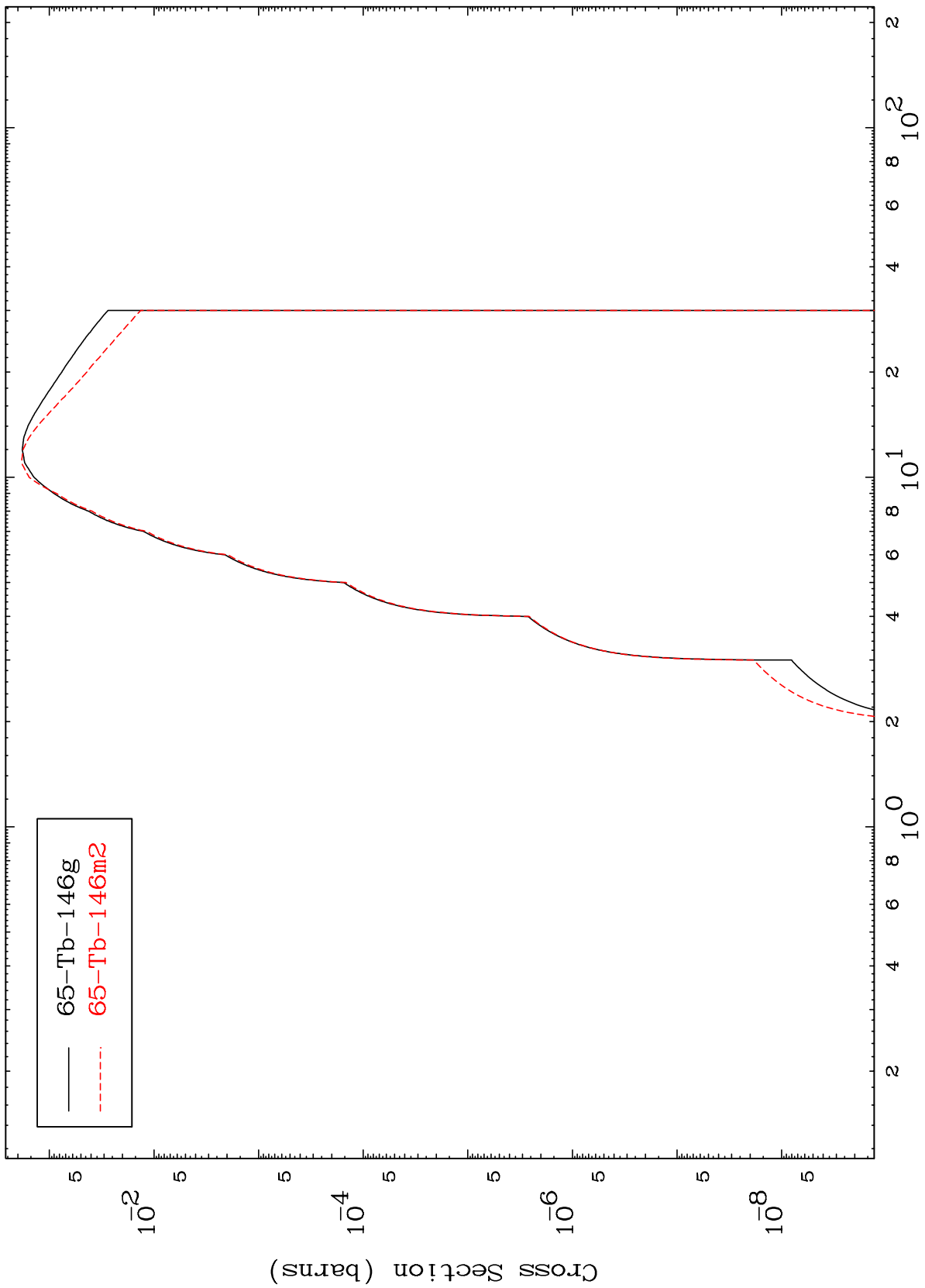
0 Kelvin Cross Sections



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Radionuclide Production Cross Section
Deuteron Inelastic

⁶⁴Gd-145



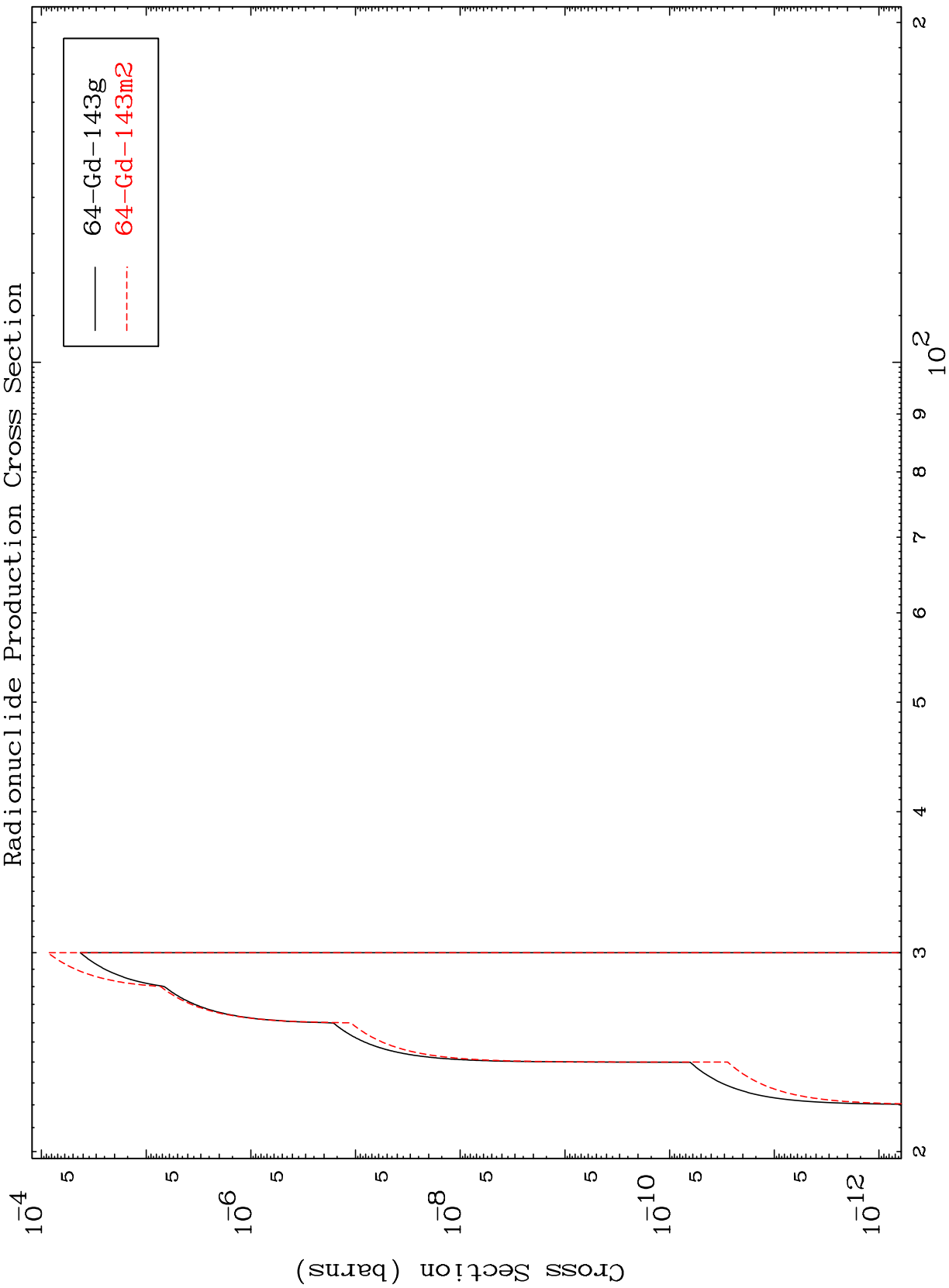
— 65-Tb-146g
- - - 65-Tb-146m2

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(d,2n) d

64-Gd-145

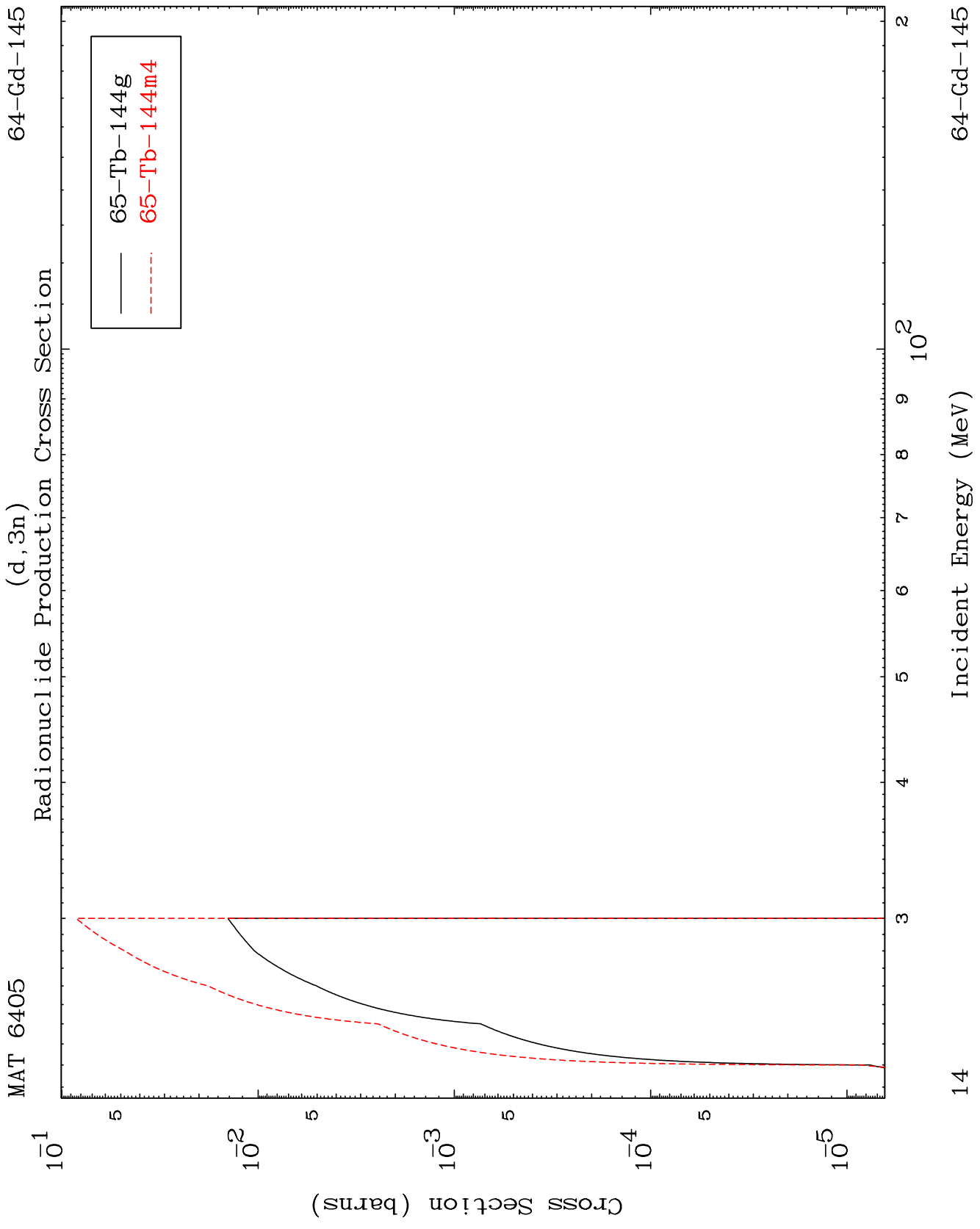
Radionuclide Production Cross Section



13

Incident Energy (MeV)

64-Gd-145

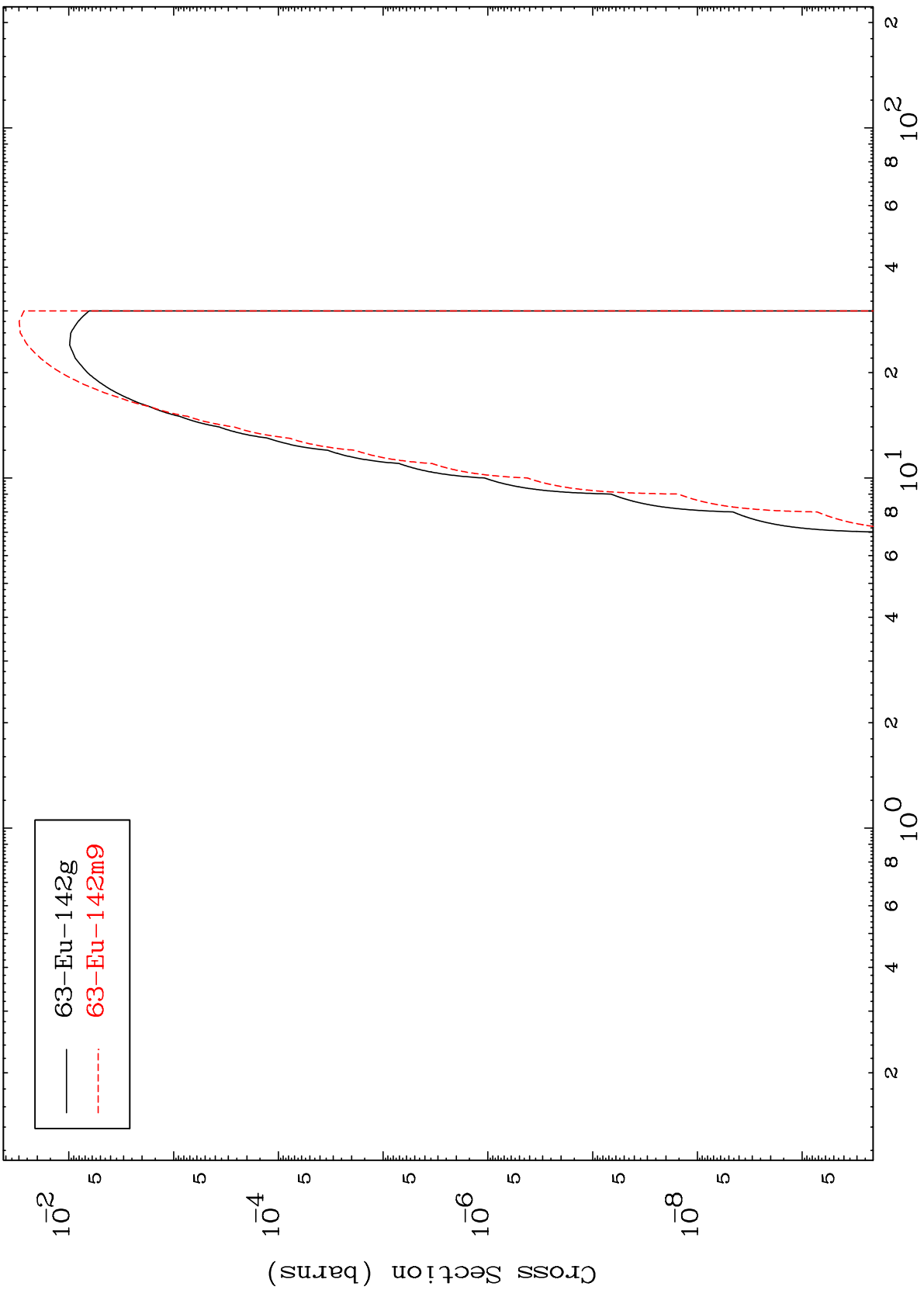


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(d,n') α

64-Gd-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

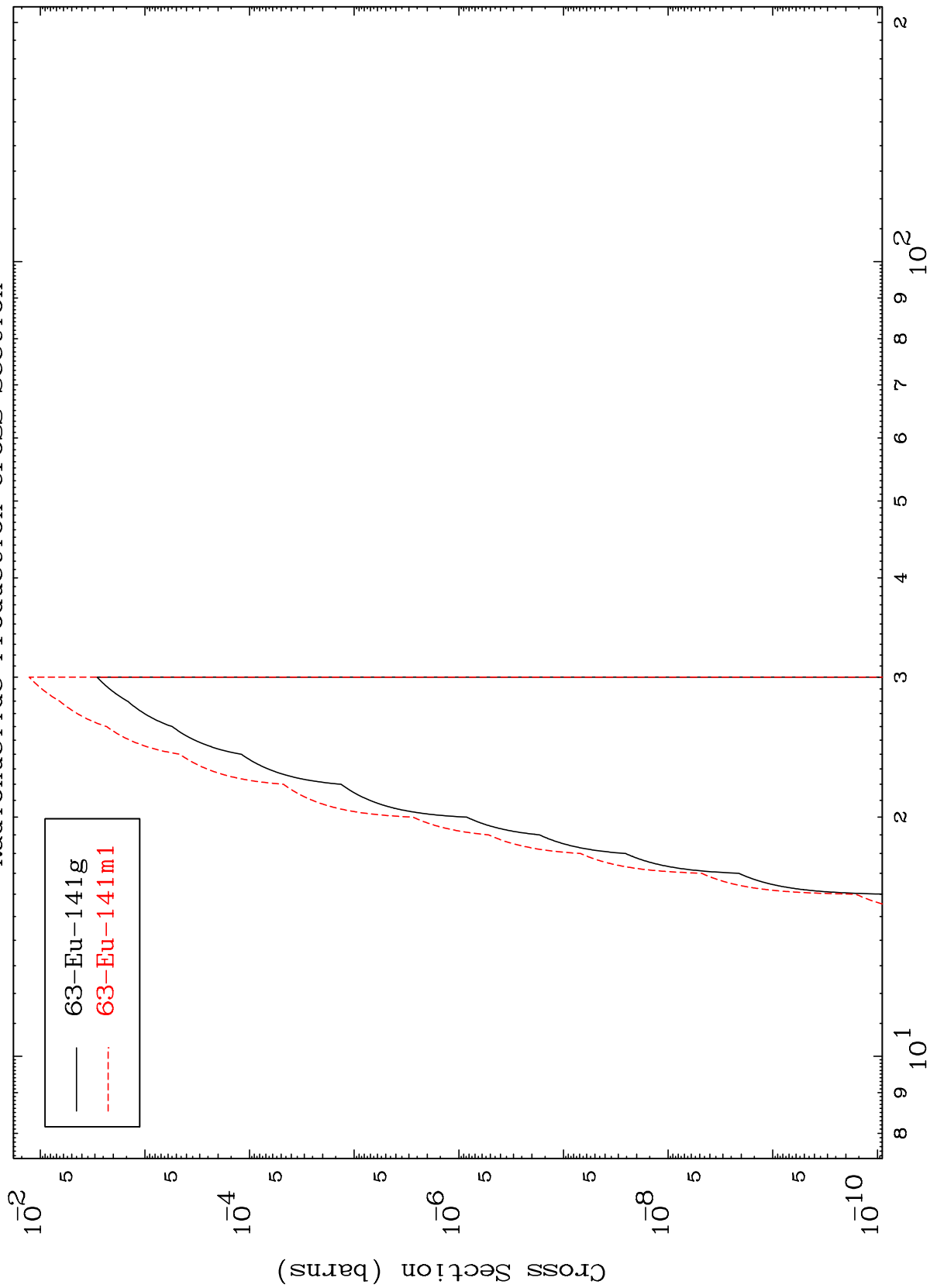
64-Gd-145

MAT 6405

(d,2n) α

64-Gd-145

Radionuclide Production Cross Section



16

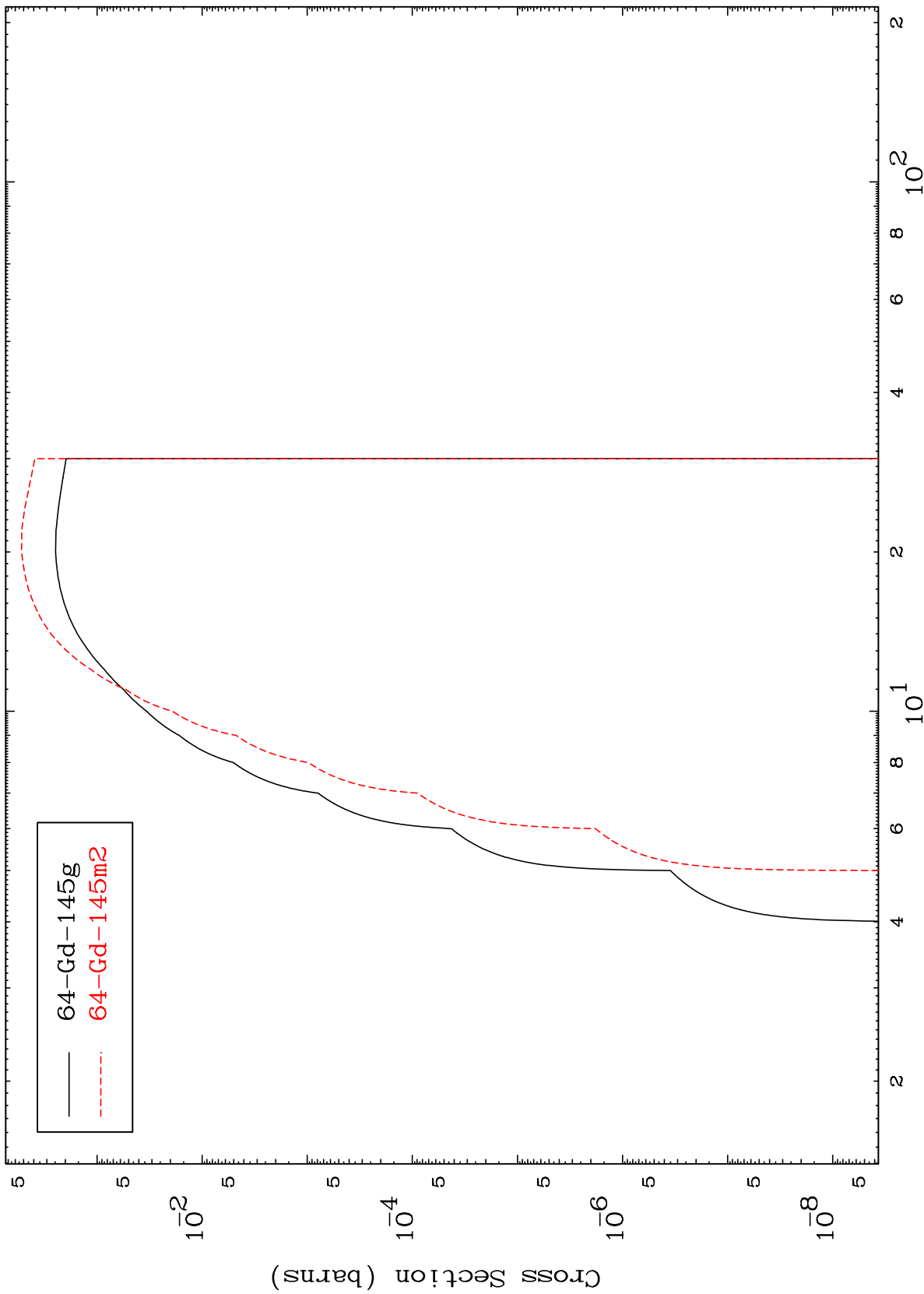
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(d,n') p
Radionuclide Production Cross Section

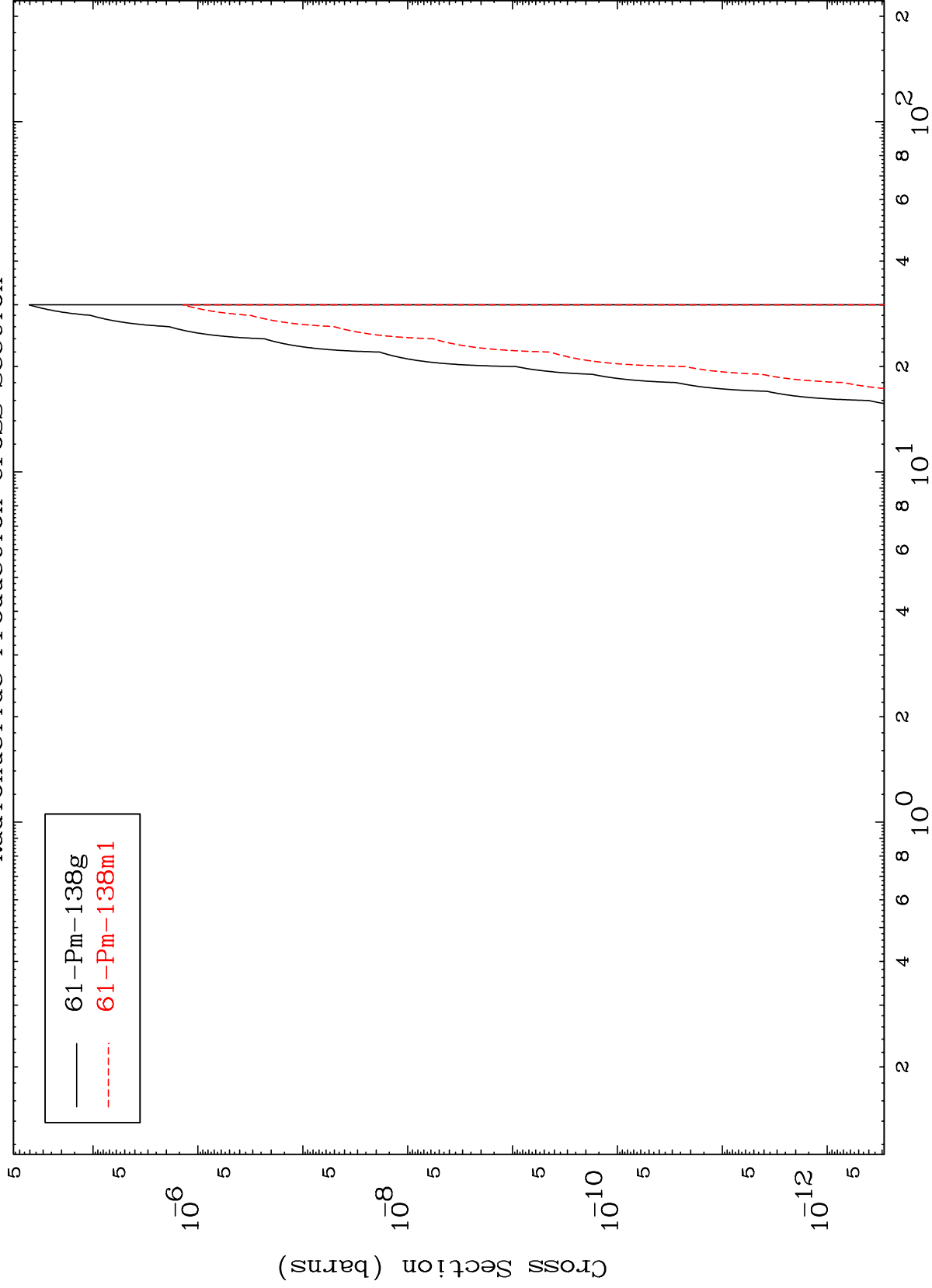


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(d,n') 2 α

64-Gd-145

Radionuclide Production Cross Section



18

Incident Energy (MeV)

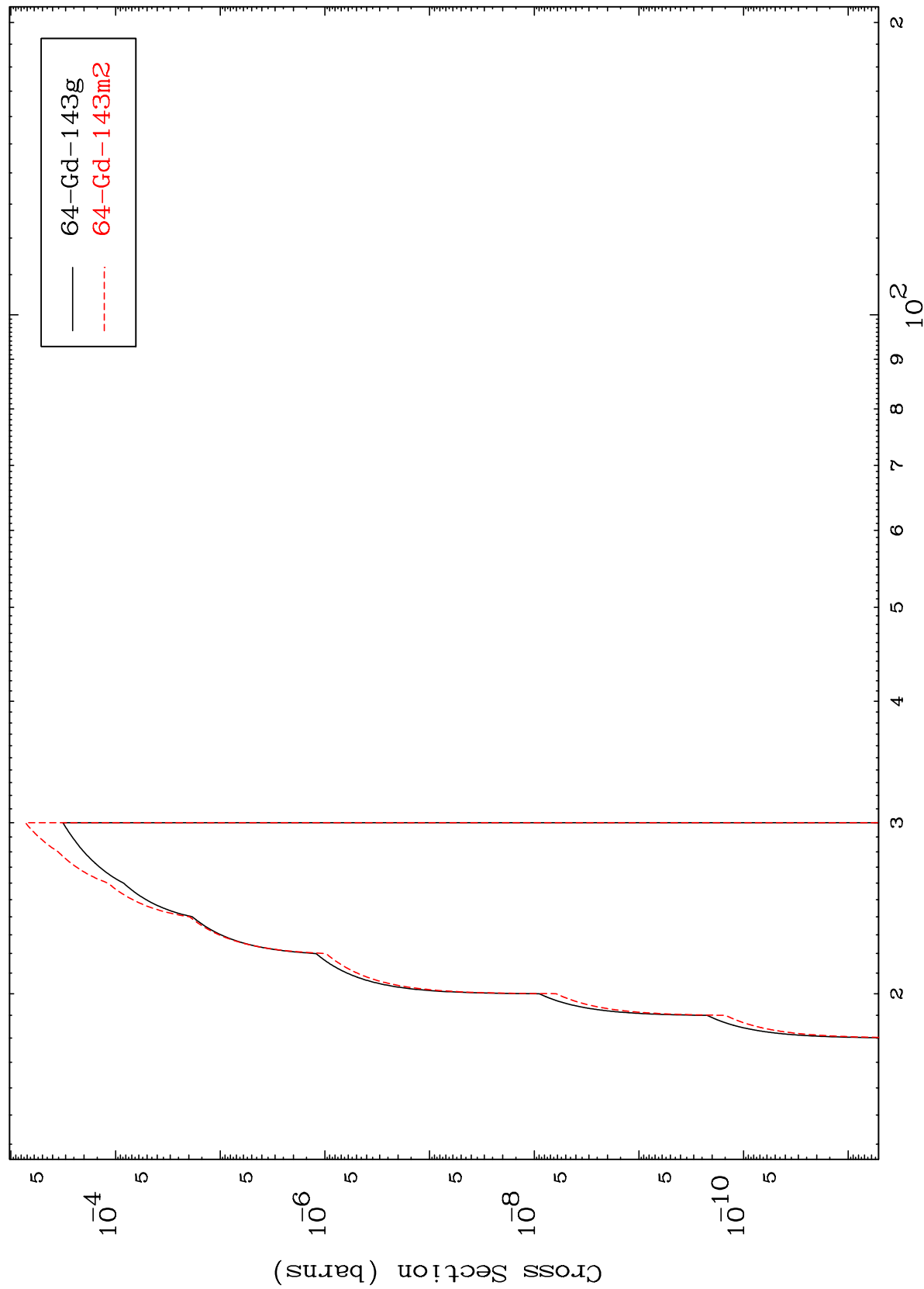
64-Gd-145

MAT 6405

(d,n') t

64-Gd-145

Radionuclide Production Cross Section

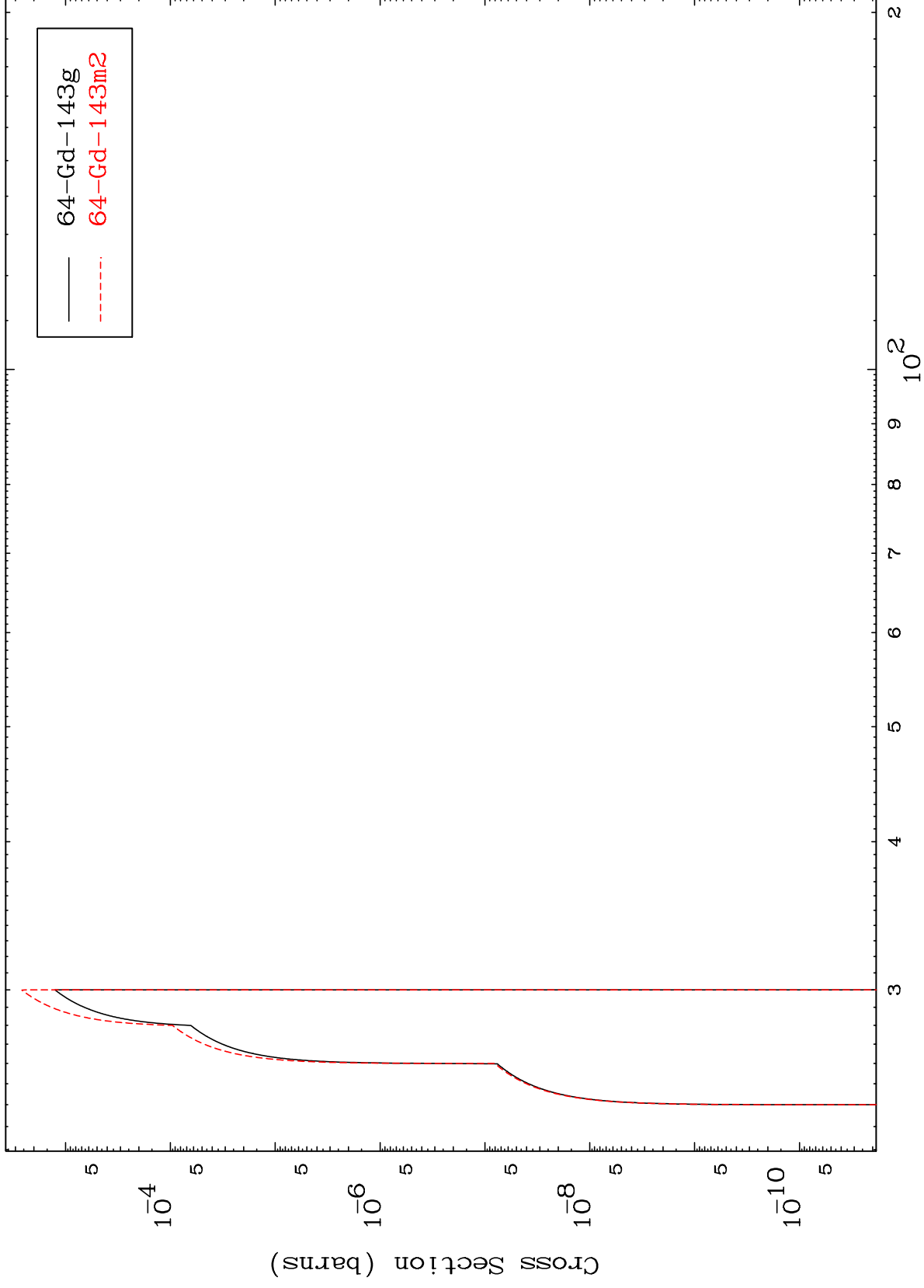


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(d,3n) p

64-Gd-145

Radionuclide Production Cross Section



20

Incident Energy (MeV)

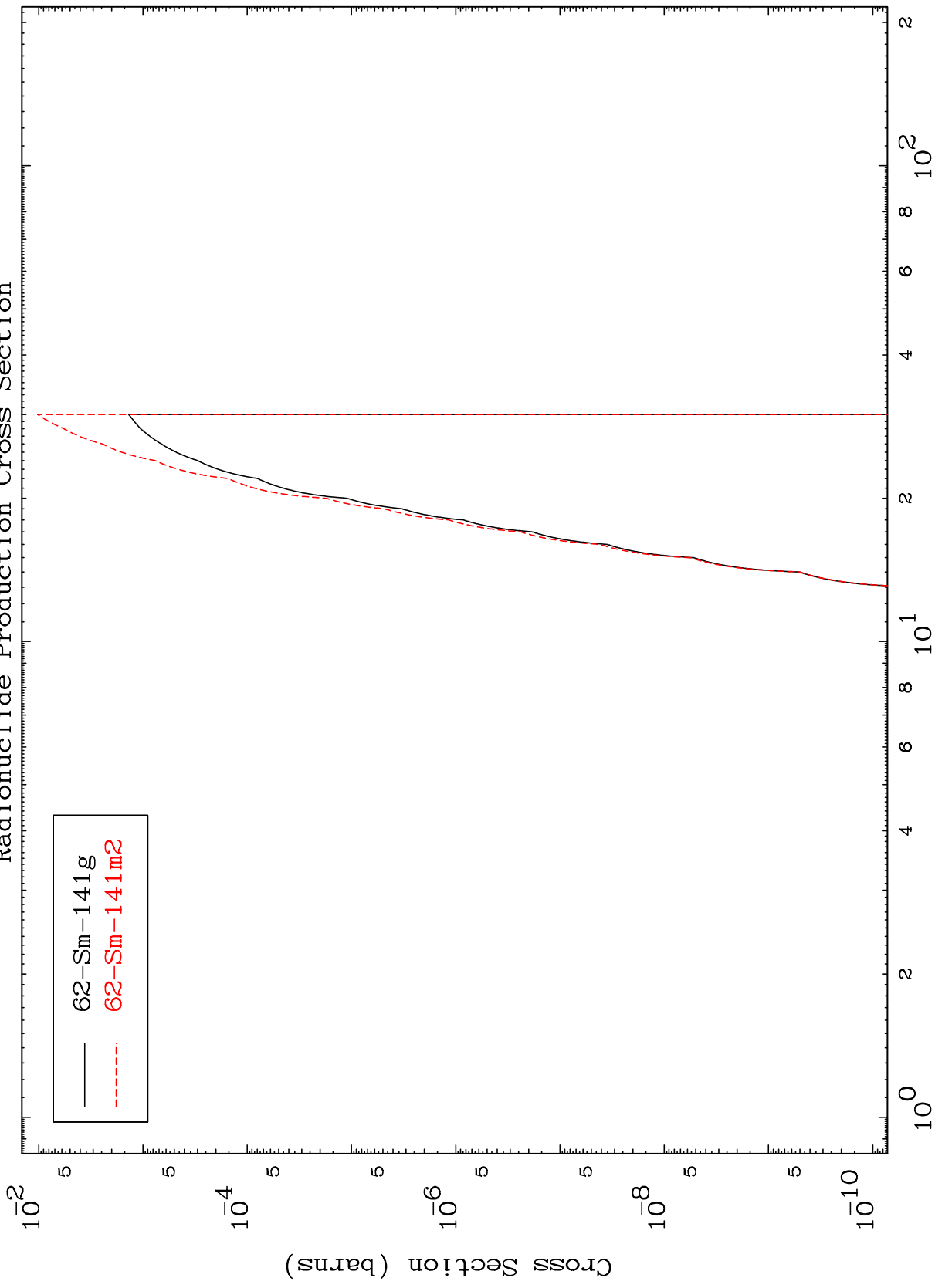
64-Gd-145

MAT 6405

(d,n') p α

64-Gd-145

Radionuclide Production Cross Section



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

21

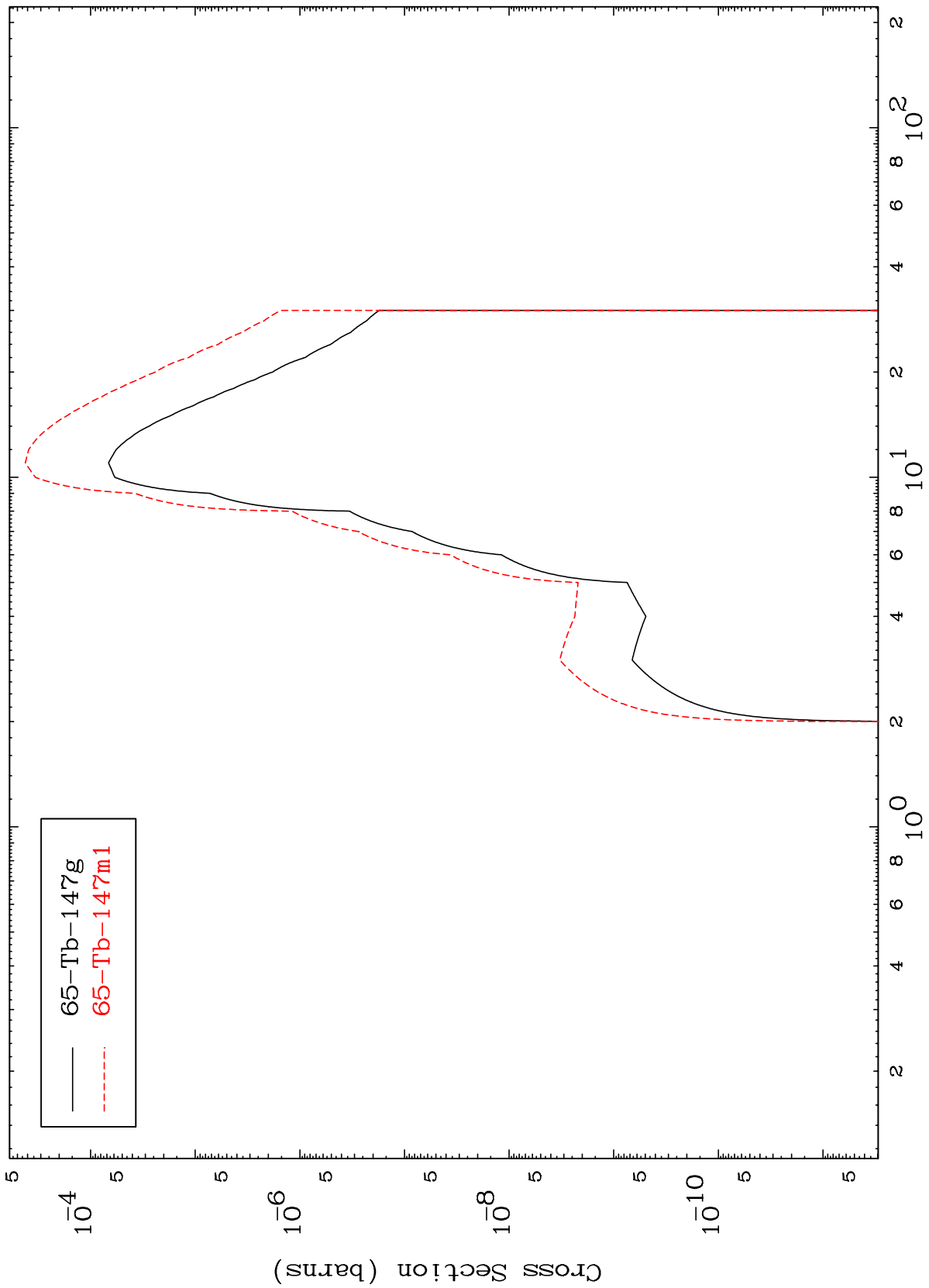
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(d, γ)
Radionuclide Production Cross Section

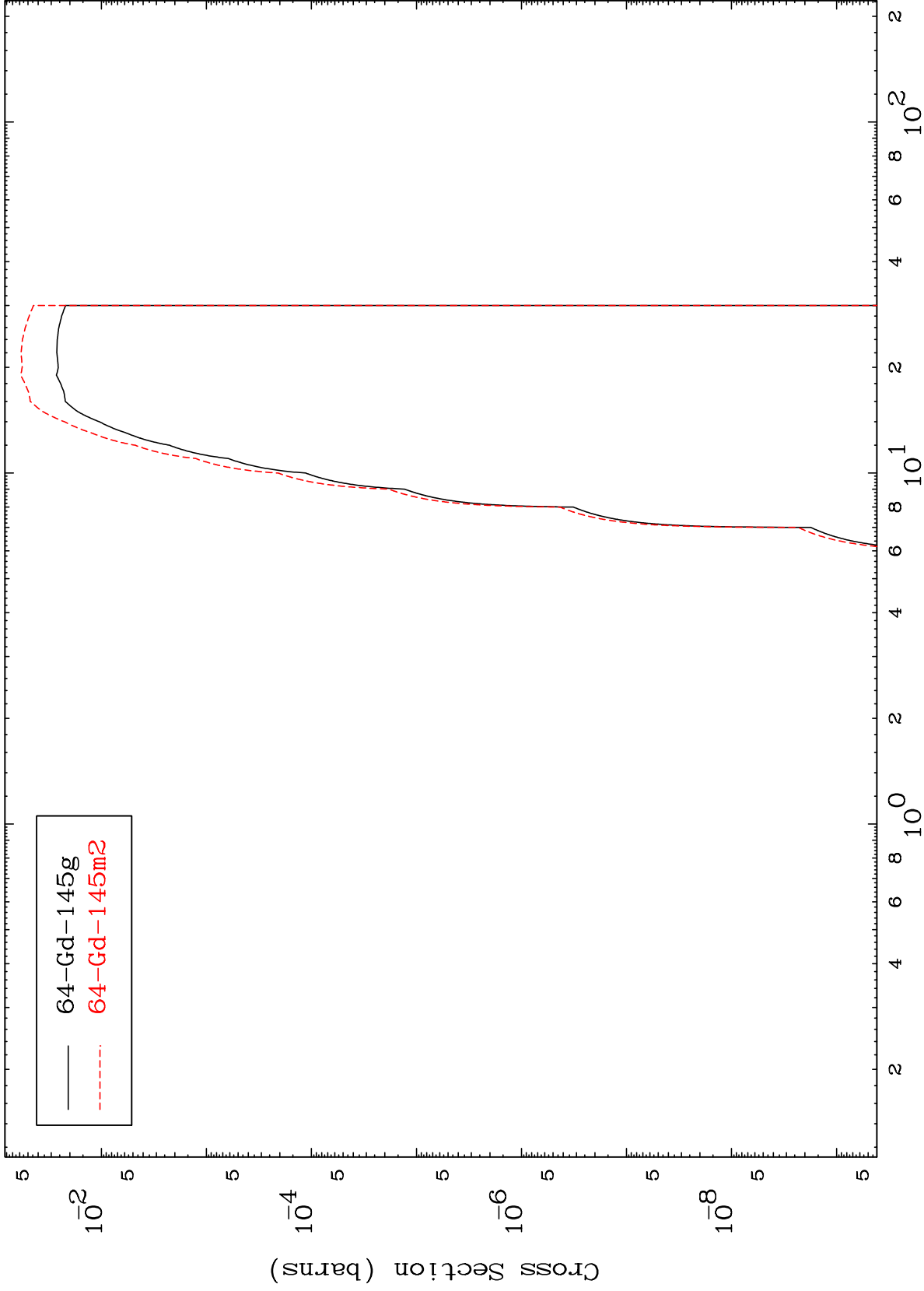


MAT 6405

(d,d)

64-Gd-145

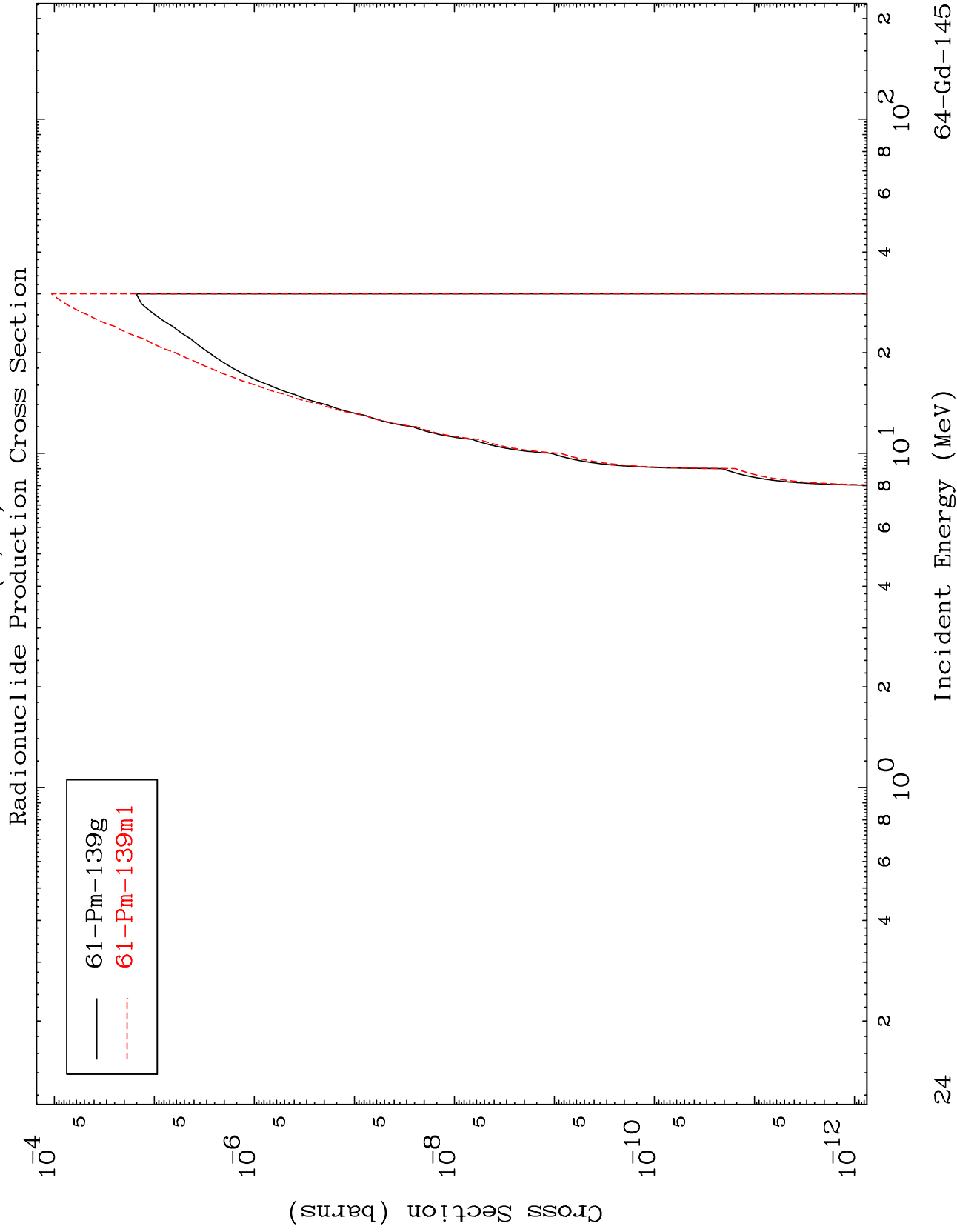
Radionuclide Production Cross Section



MAT 6405

(d,2 α)

64-Gd-145

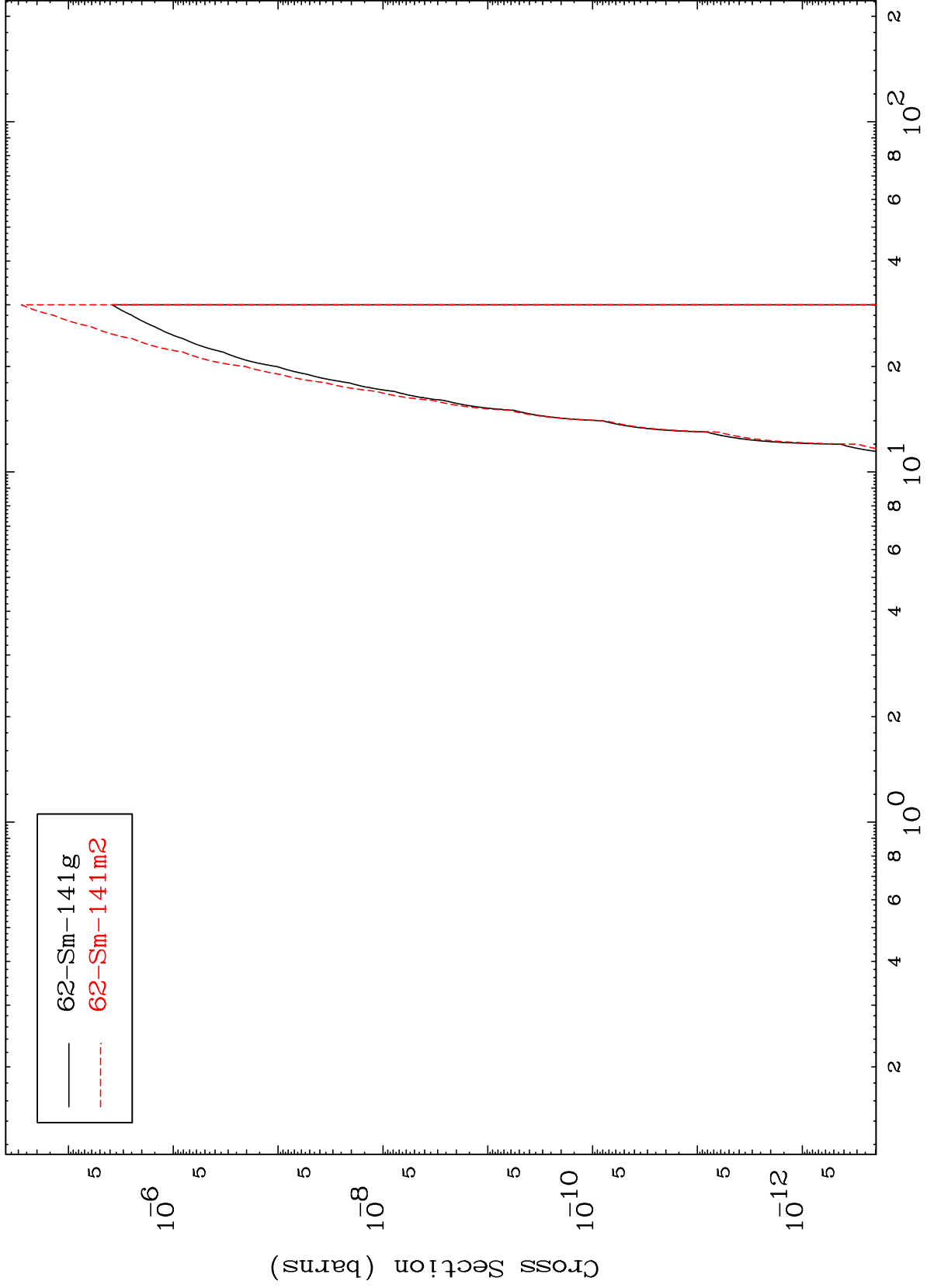


MAT 6405

(d,d) α

64-Gd-145

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-145