

Program EVALPLOT
(Version 2018-1)

by

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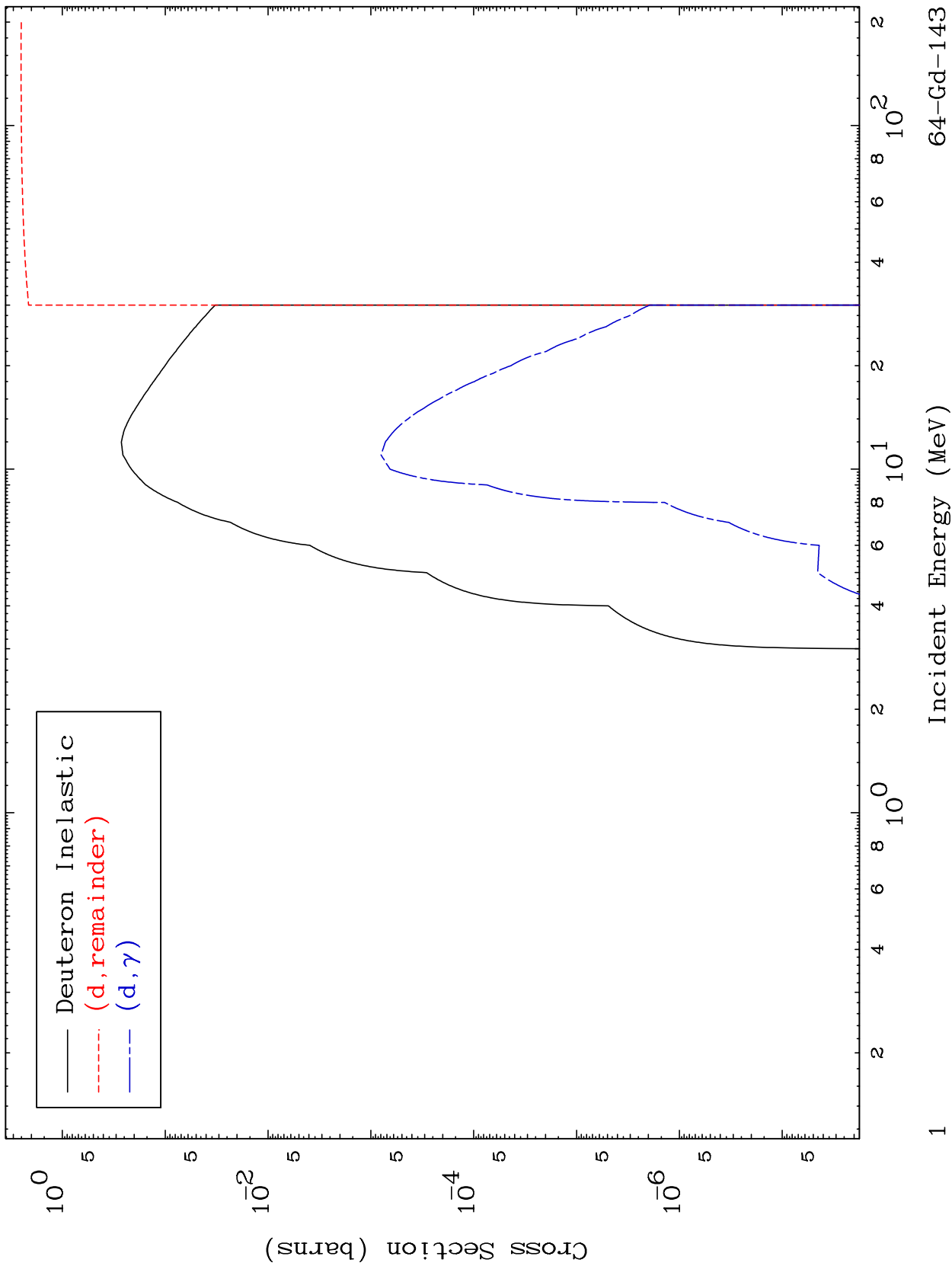
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6399

Deuteron Major
0 Kelvin Cross Sections

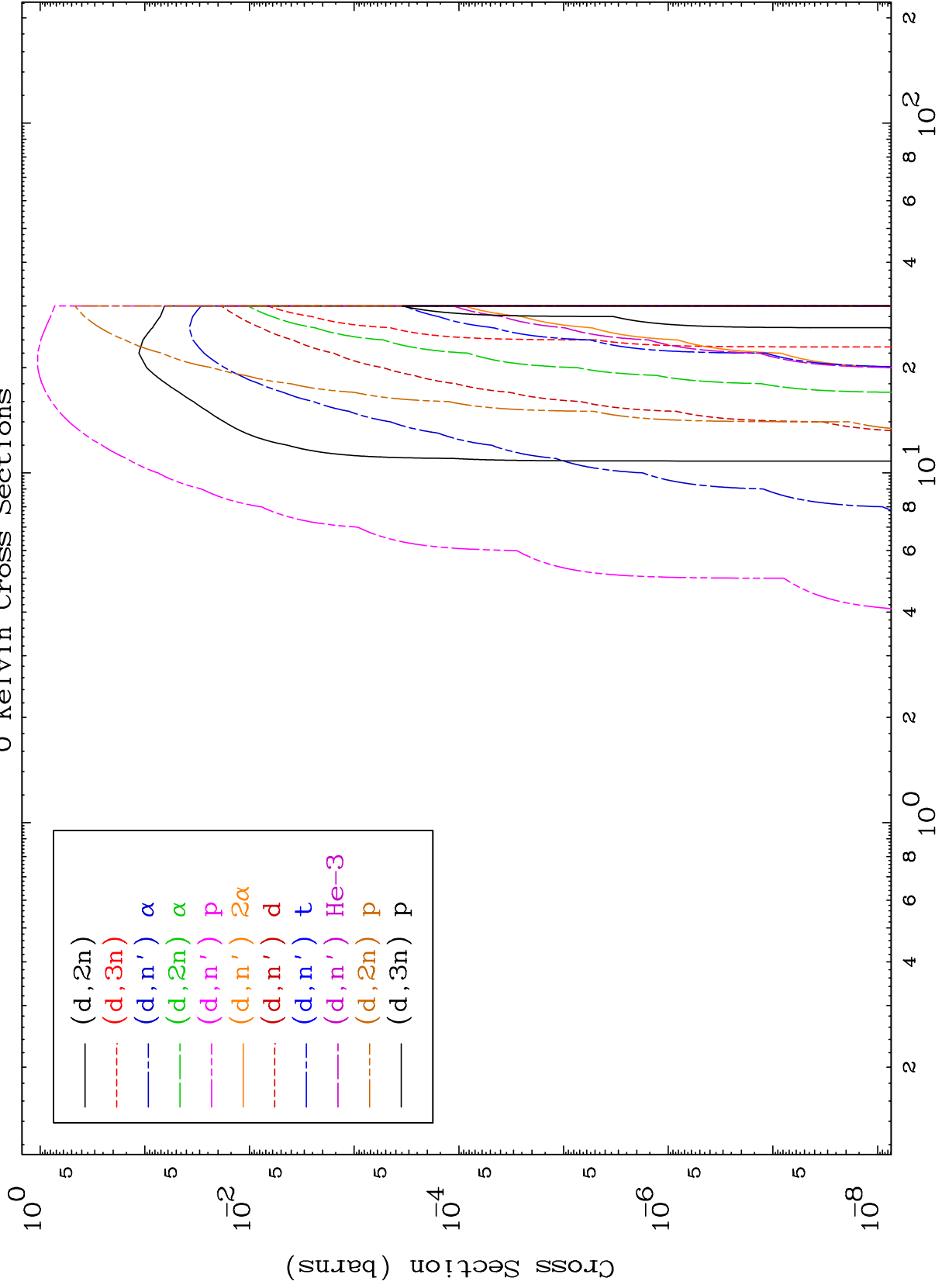
64-Gd-143

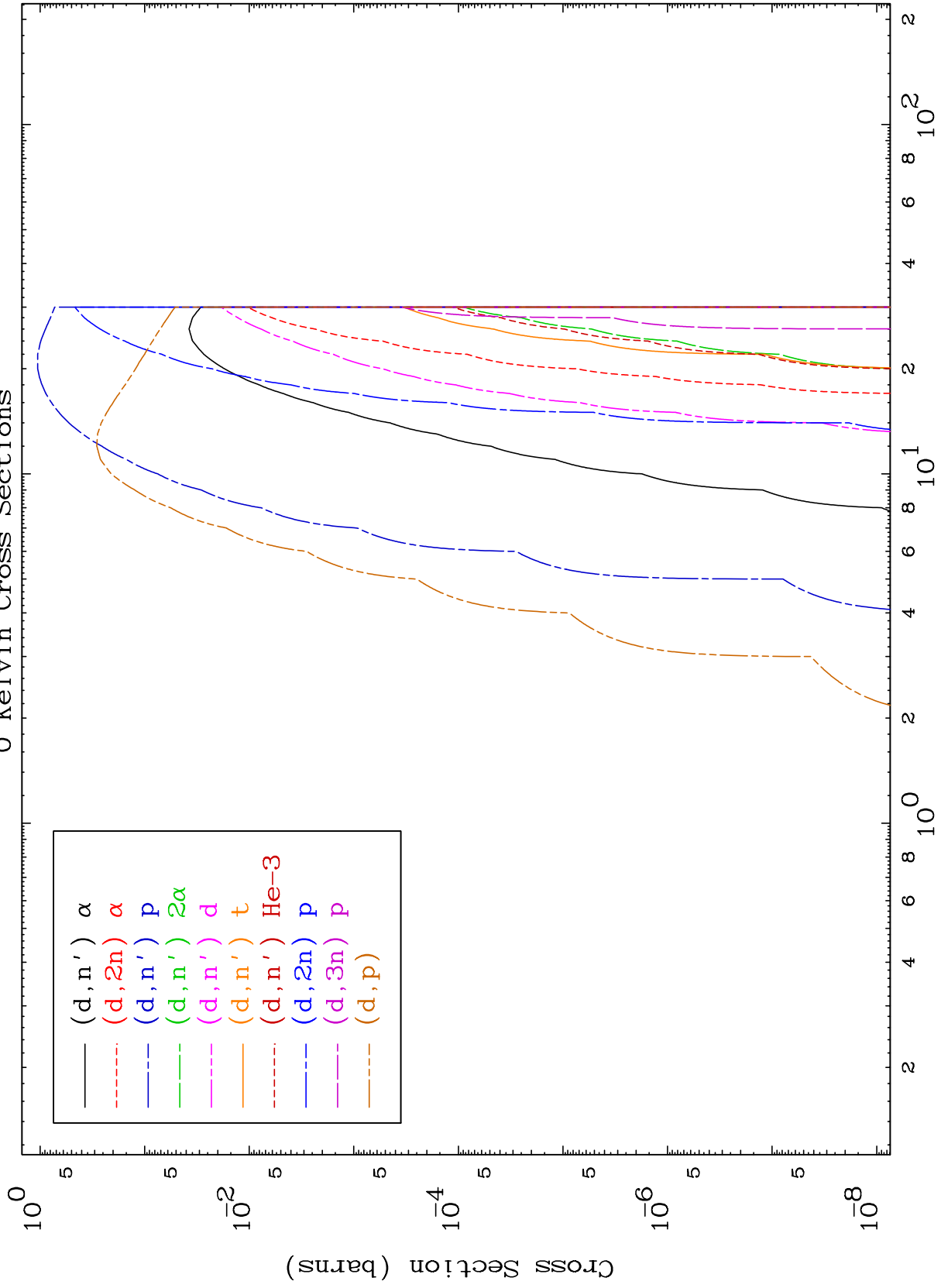


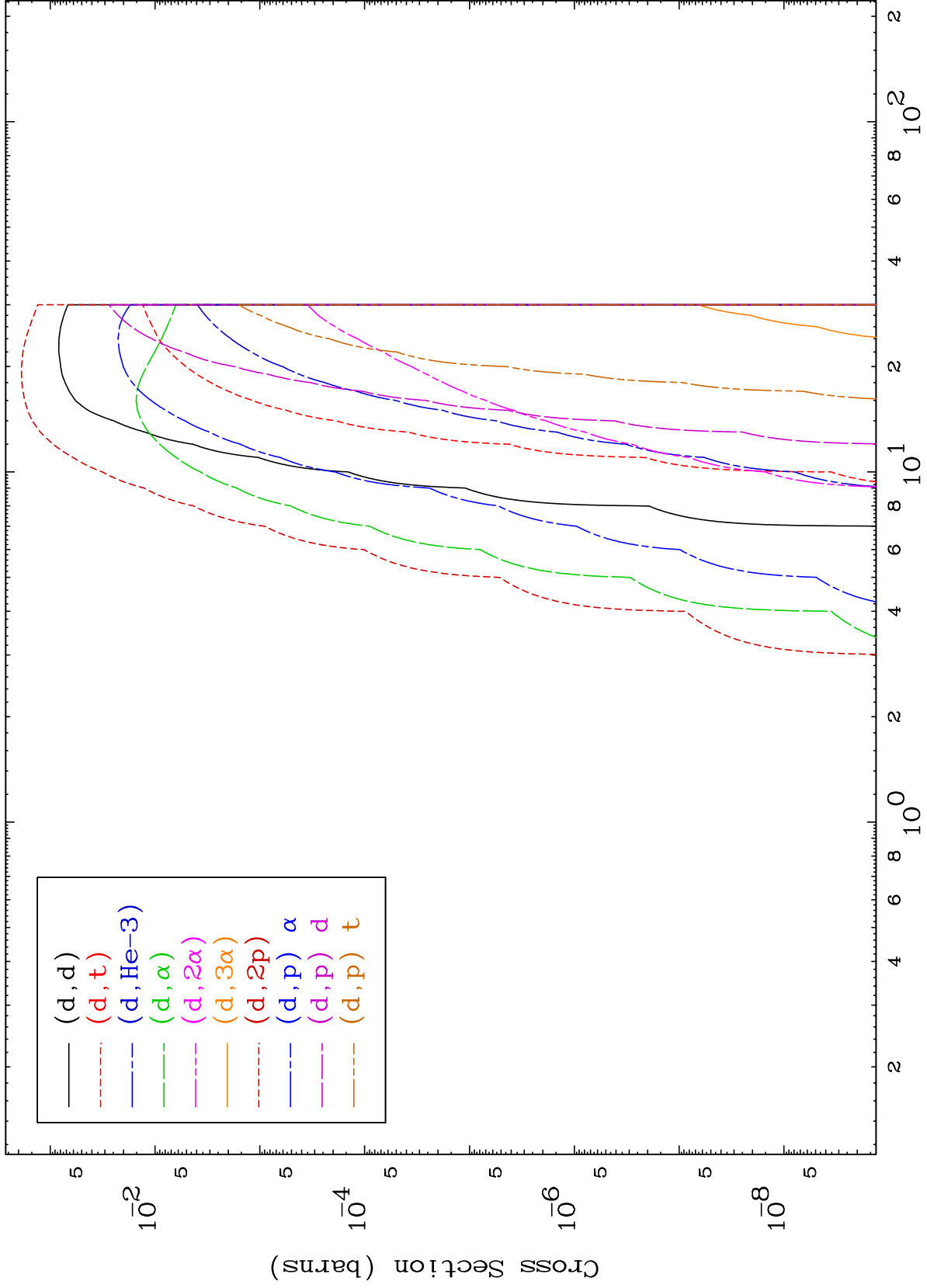
MAT 6399

Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-143



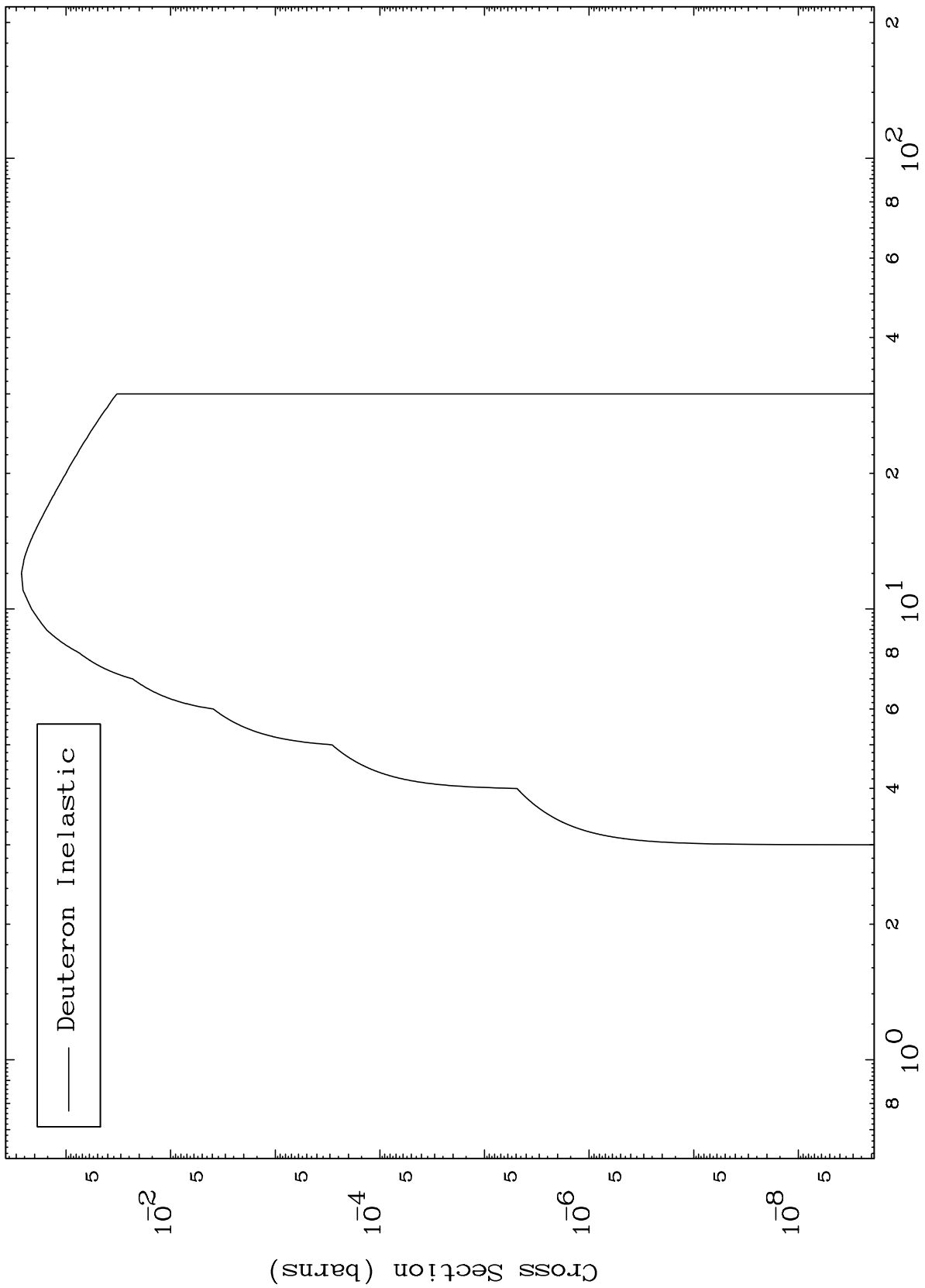




MAT 6399

64-Gd-143

(d,n') Level
0 Kelvin Cross Sections



5

Incident Energy (MeV)

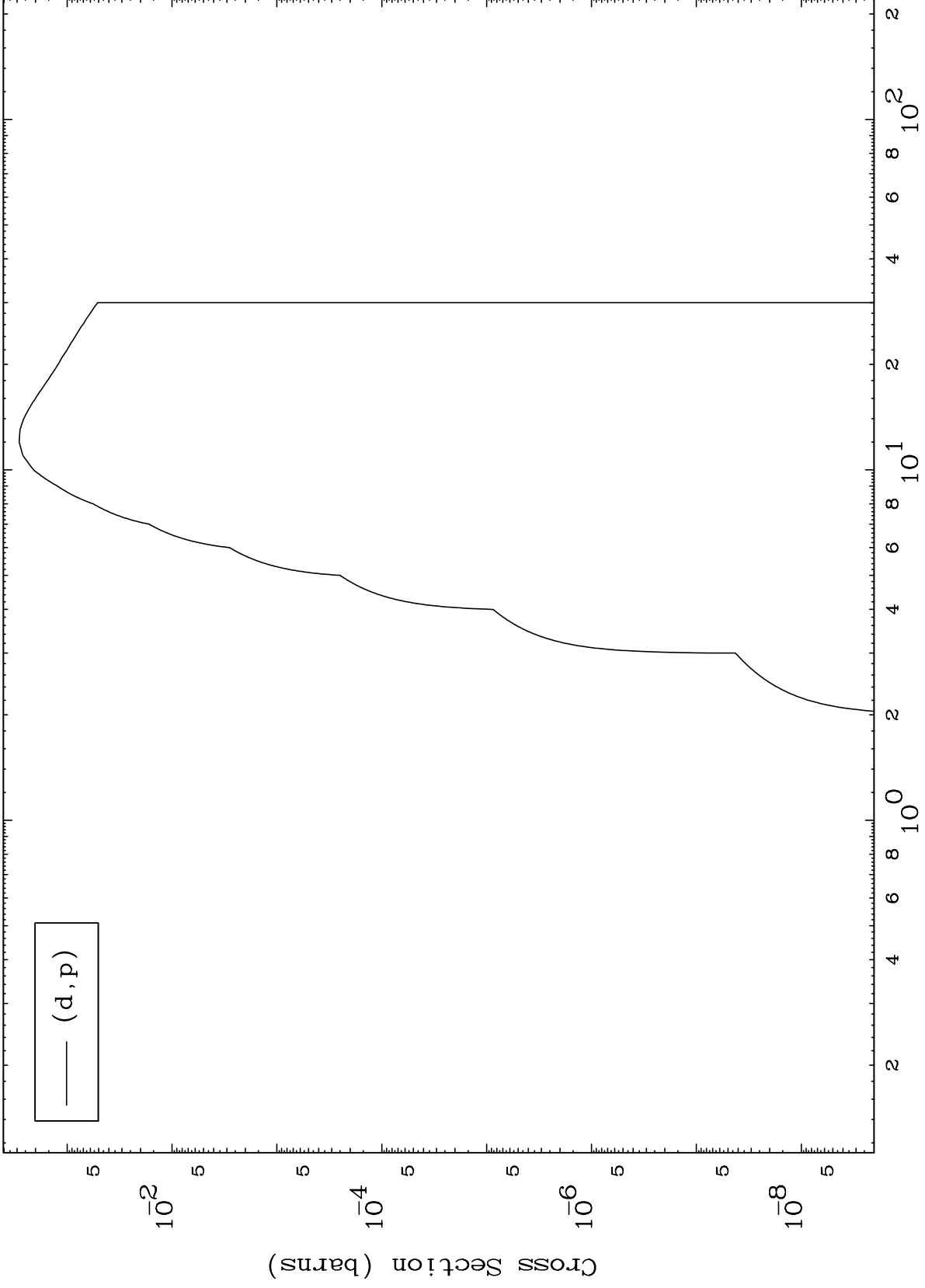
64-Gd-143

MAT 6399

(d,p) Levels

64-Gd-143

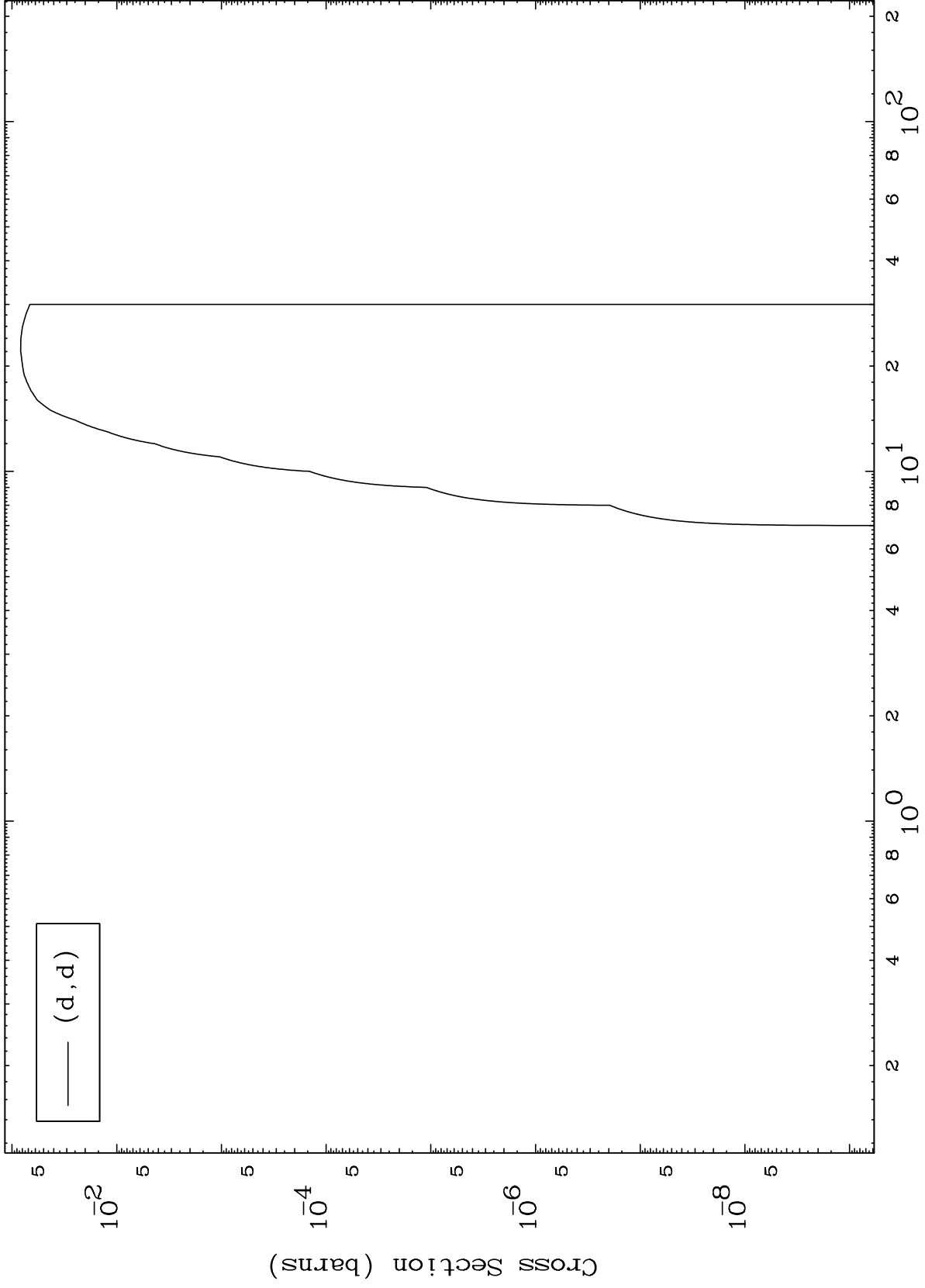
0 Kelvin Cross Sections



MAT 6399

(d,d) Levels
0 Kelvin Cross Sections

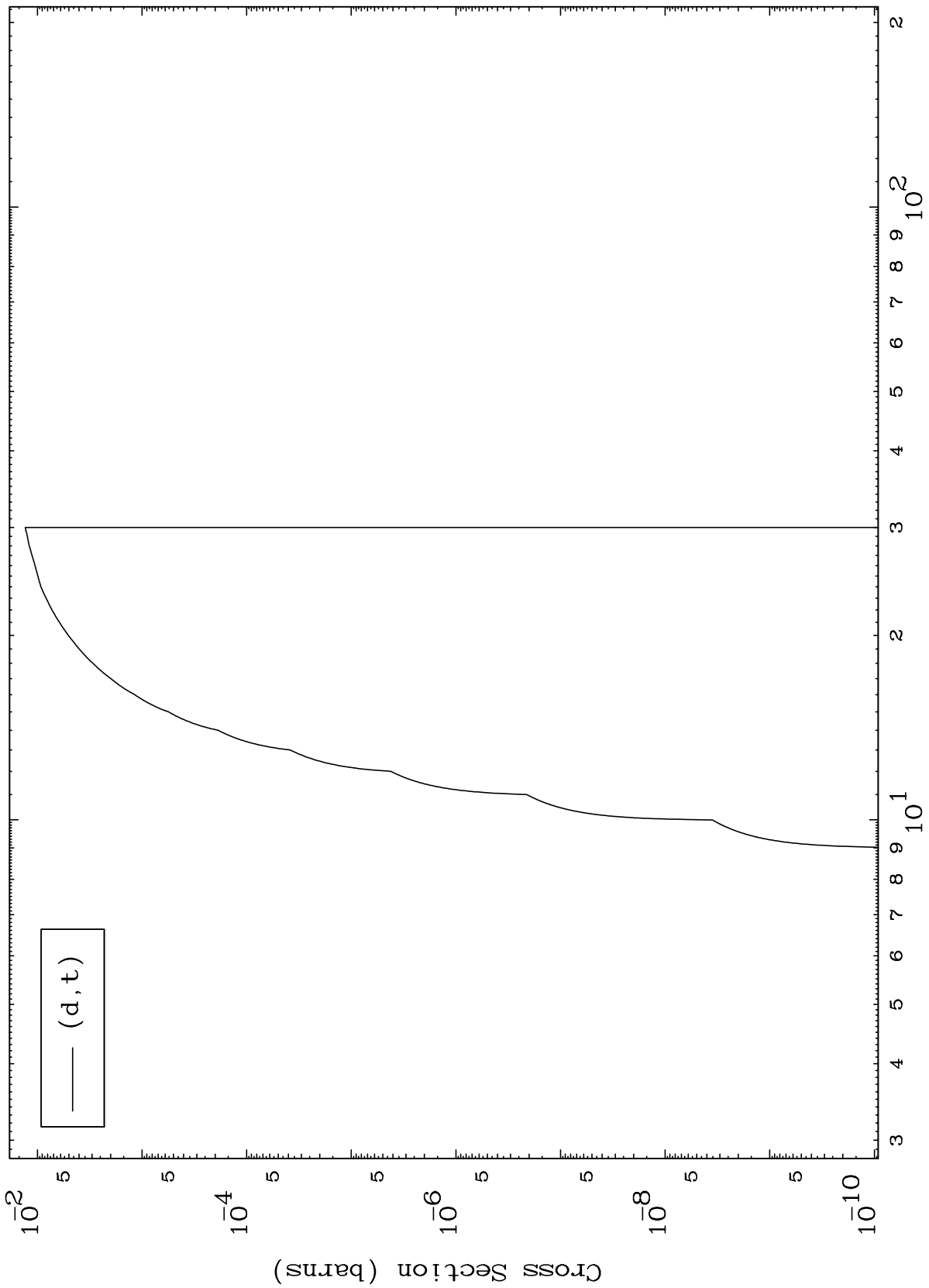
64-Gd-143



MAT 6399

64-Gd-143

(d,t) Levels
0 Kelvin Cross Sections



64-Gd-143

Incident Energy (MeV)

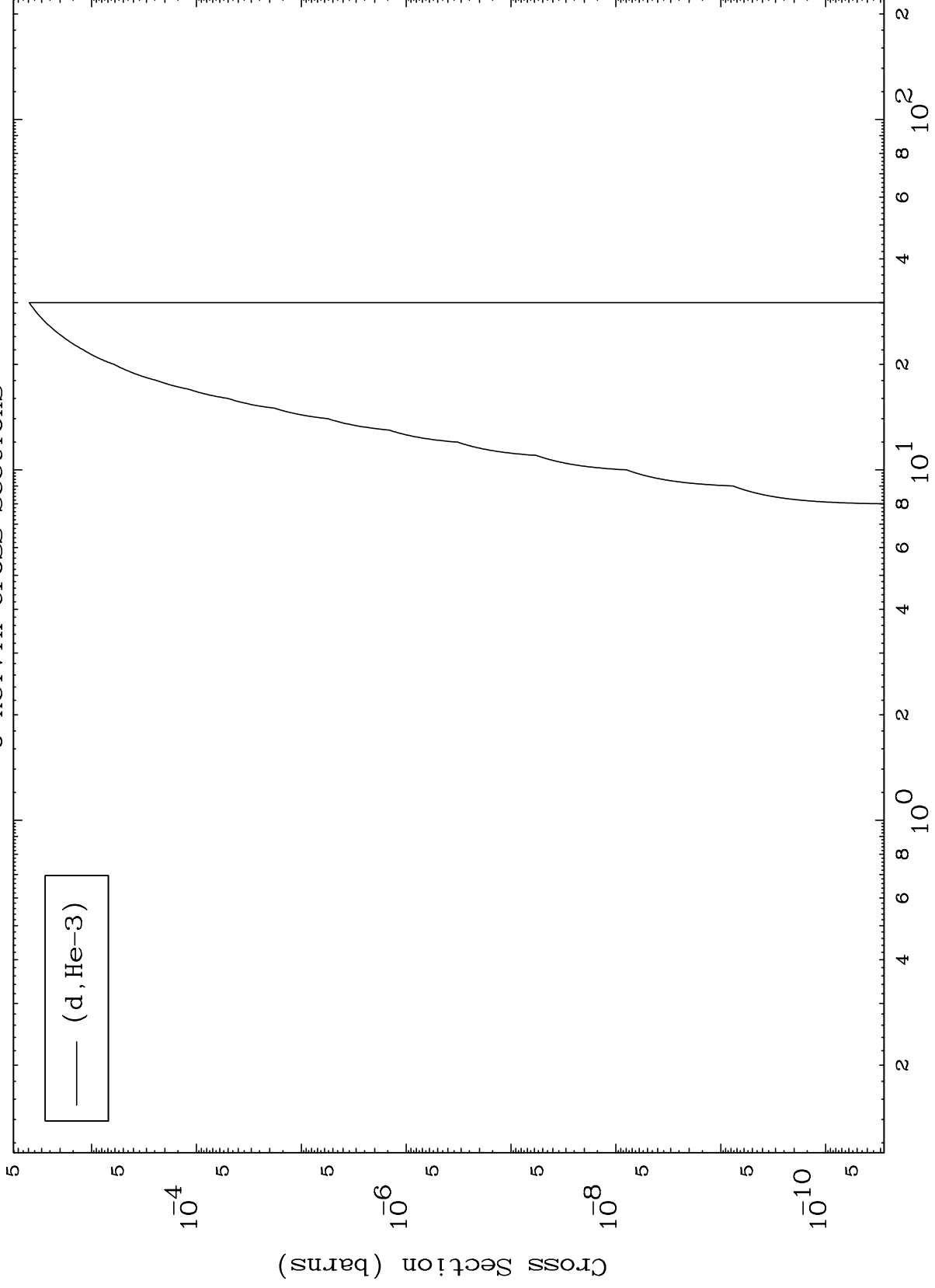
8

MAT 6399

(d,He3) Levels

64-Gd-143

0 Kelvin Cross Sections

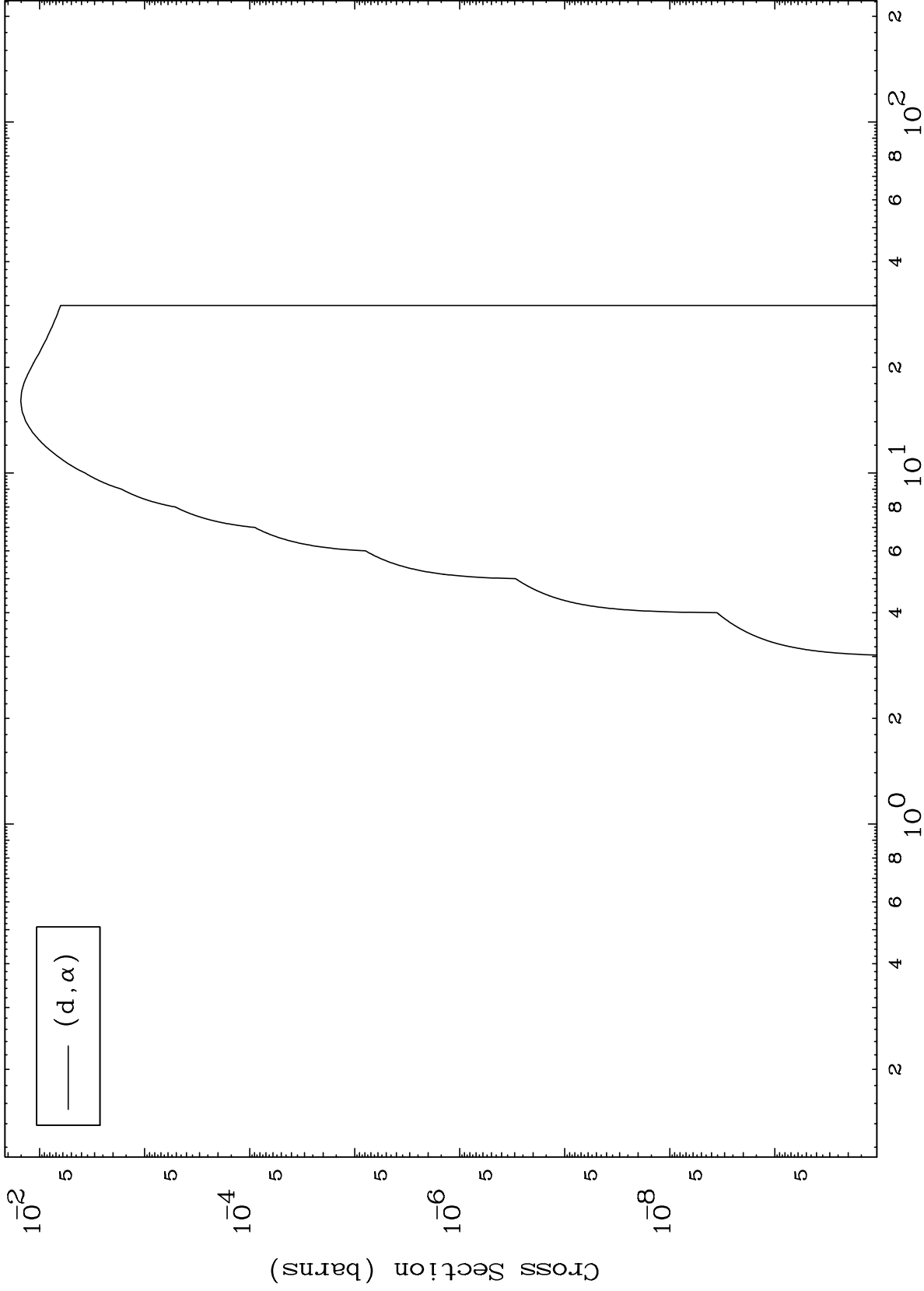


MAT 6399

(d, α) Levels

64-Gd-143

0 Kelvin Cross Sections



10

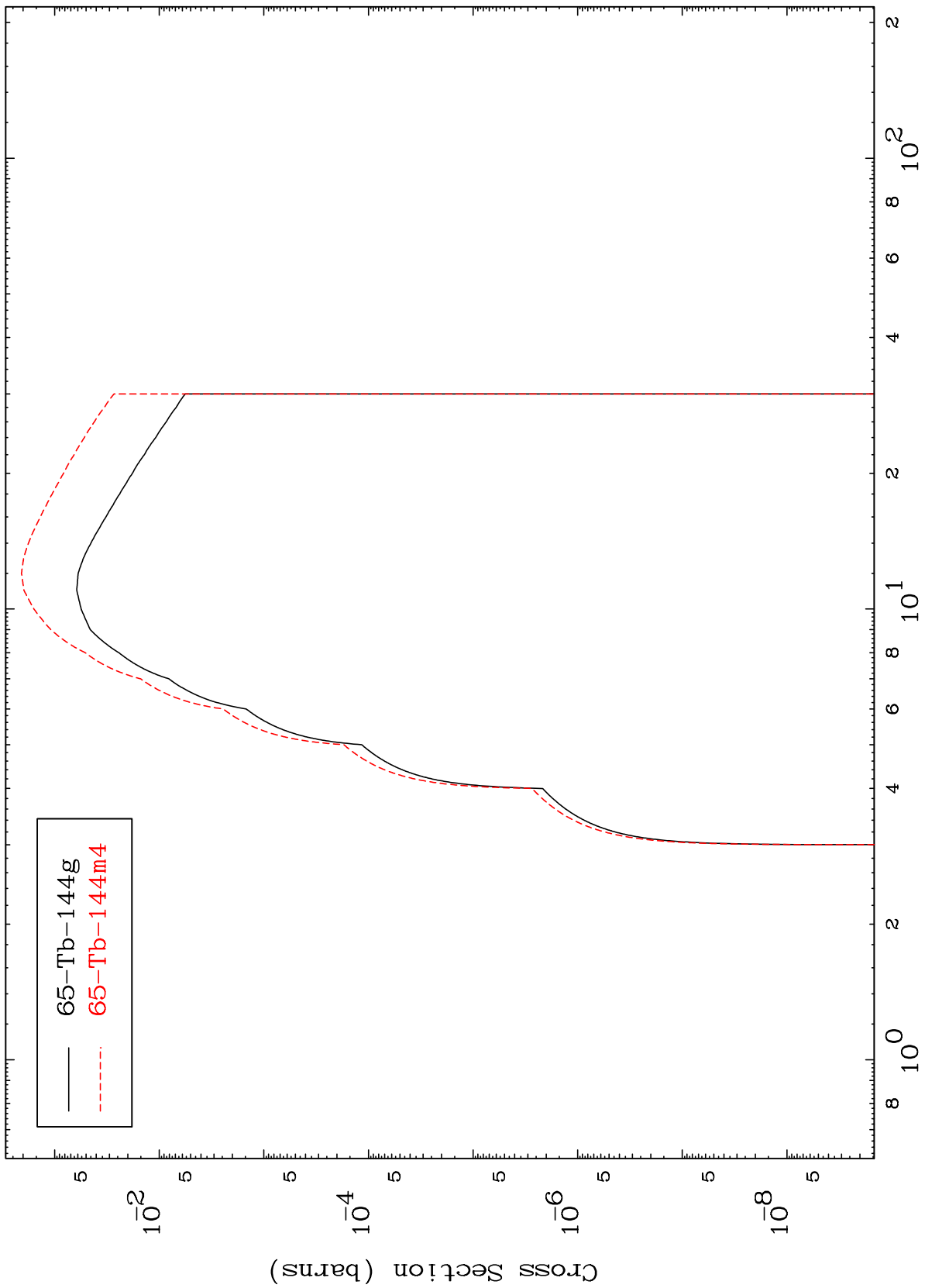
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

Deuteron Inelastic
Radionuclide Production Cross Section

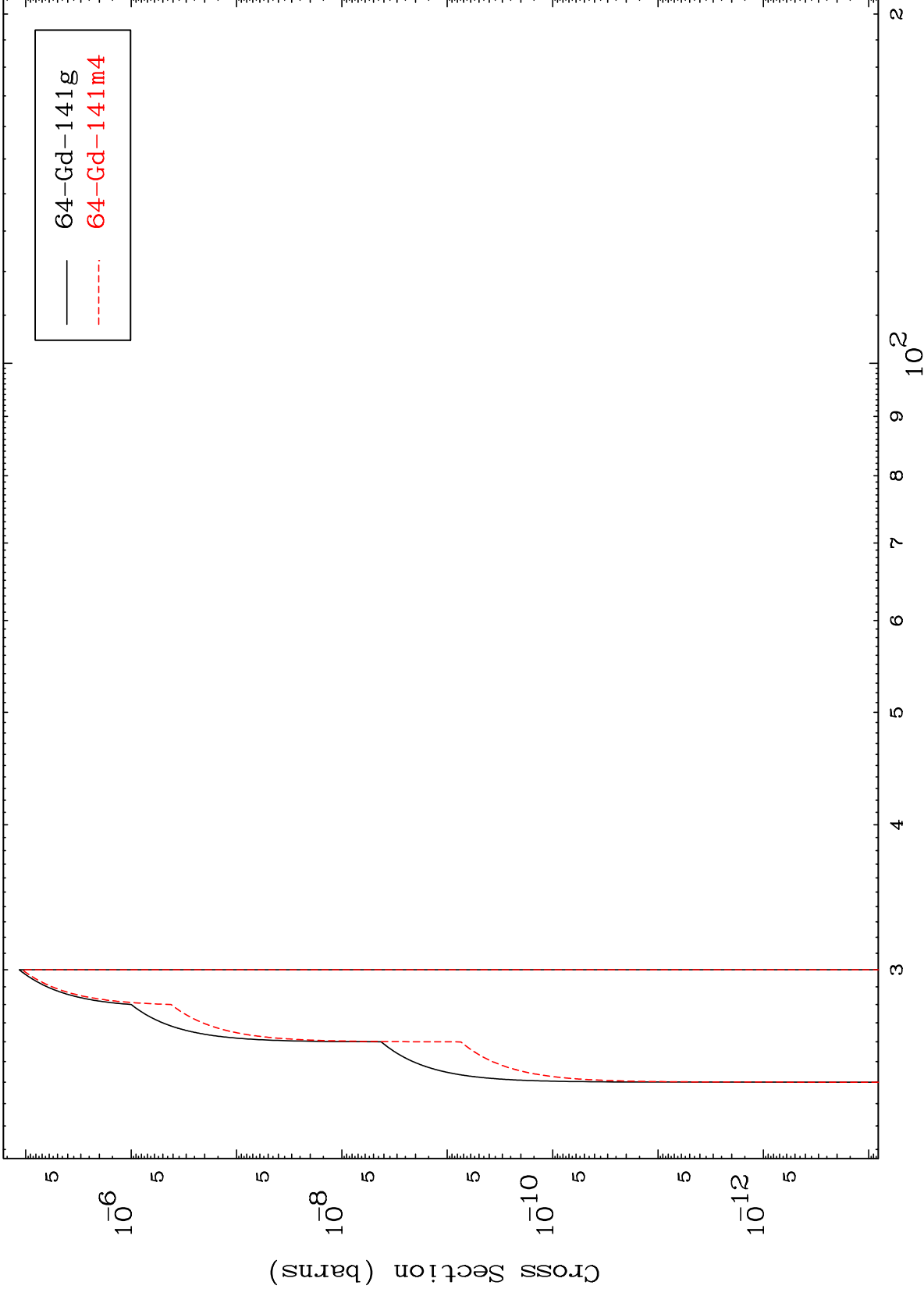


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(d,2n) d

64-Gd-143

Radionuclide Production Cross Section



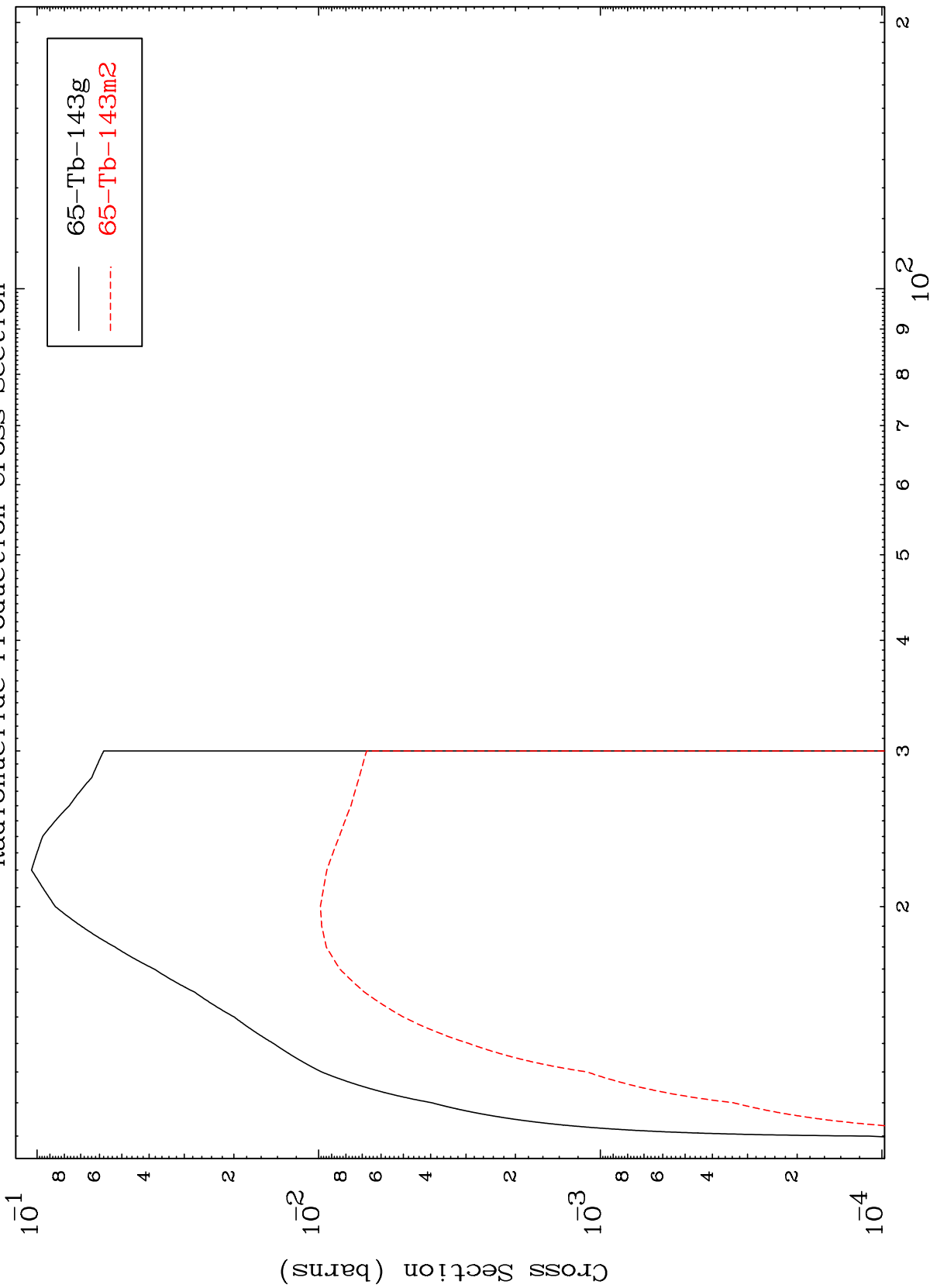
64-Gd-141g
64-Gd-141m4

12

Incident Energy (MeV)

64-Gd-143

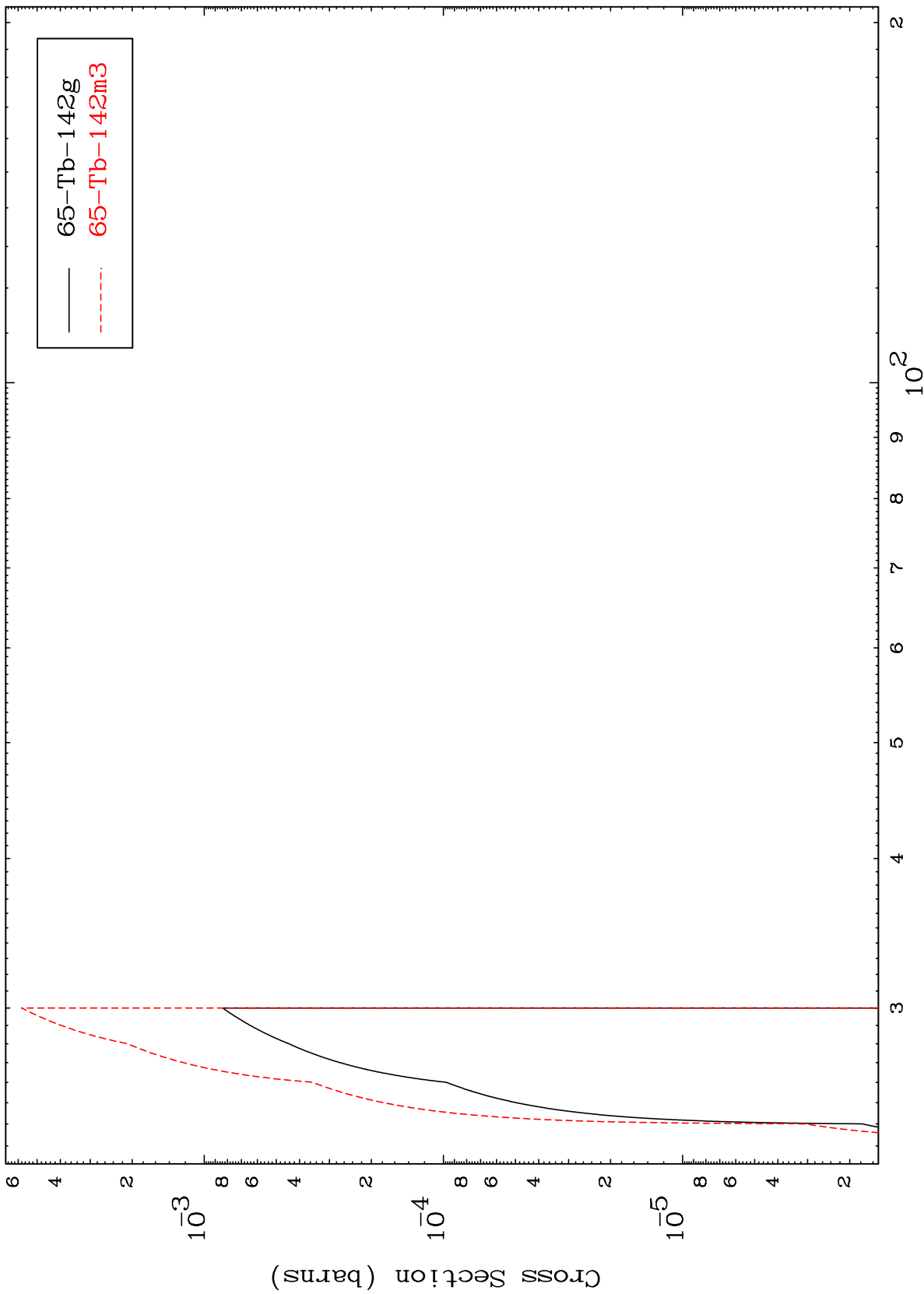
(d,2n)
Radionuclide Production Cross Section



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64-Gd-143

(d,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

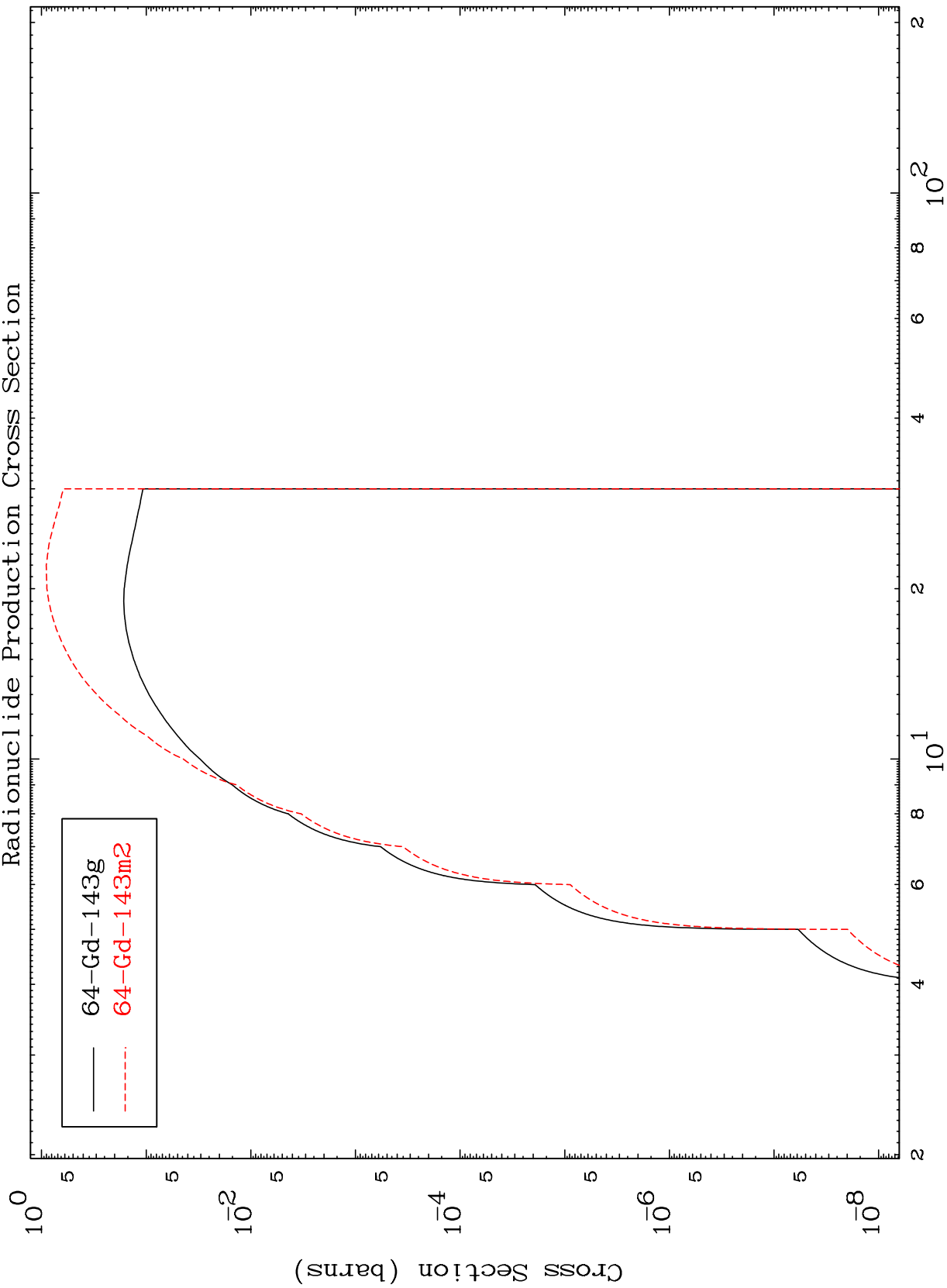
64-Gd-143

MAT 6399

(d,n') p

64-Gd-143

Radionuclide Production Cross Section



15

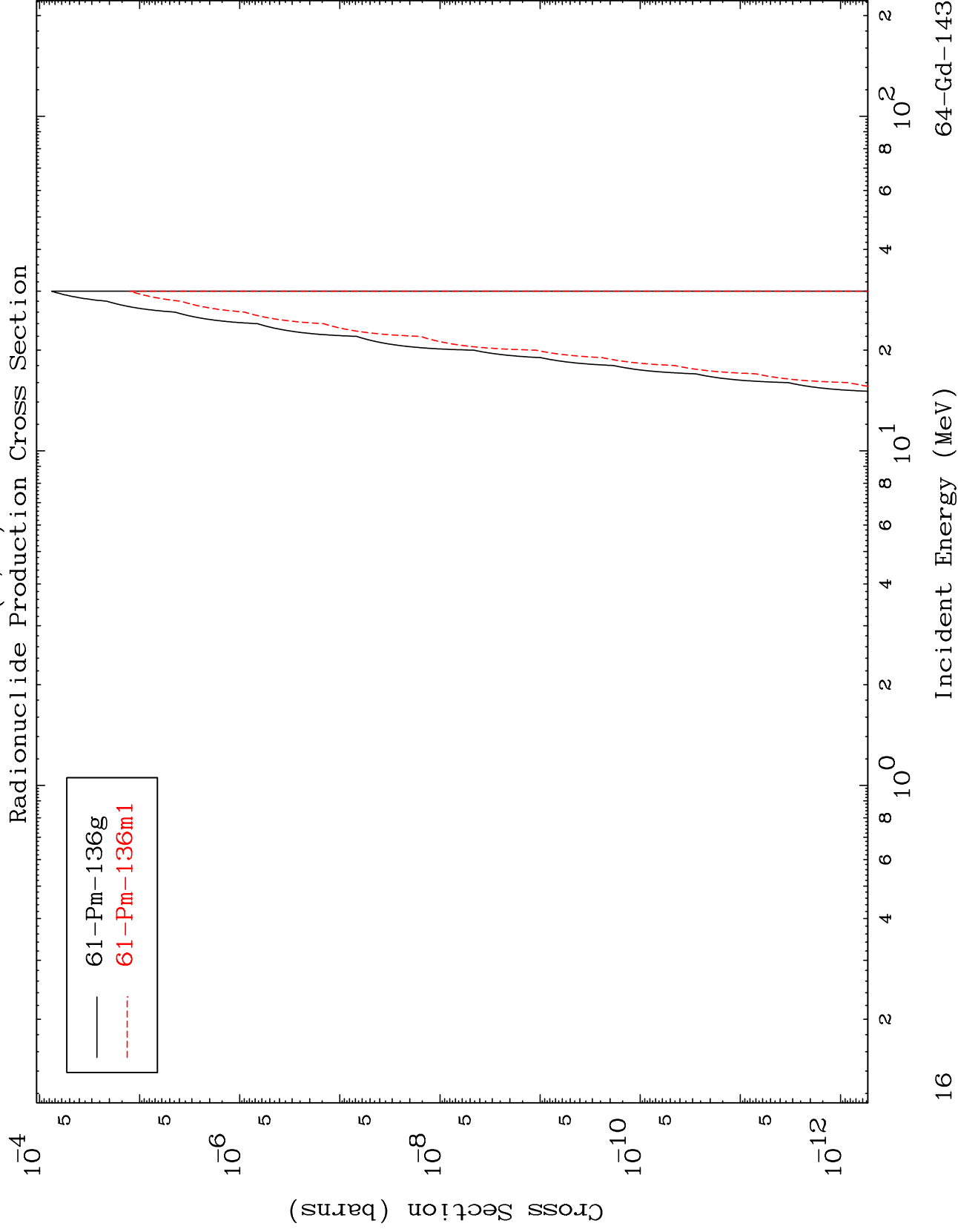
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d,n') 2 α

64-Gd-143



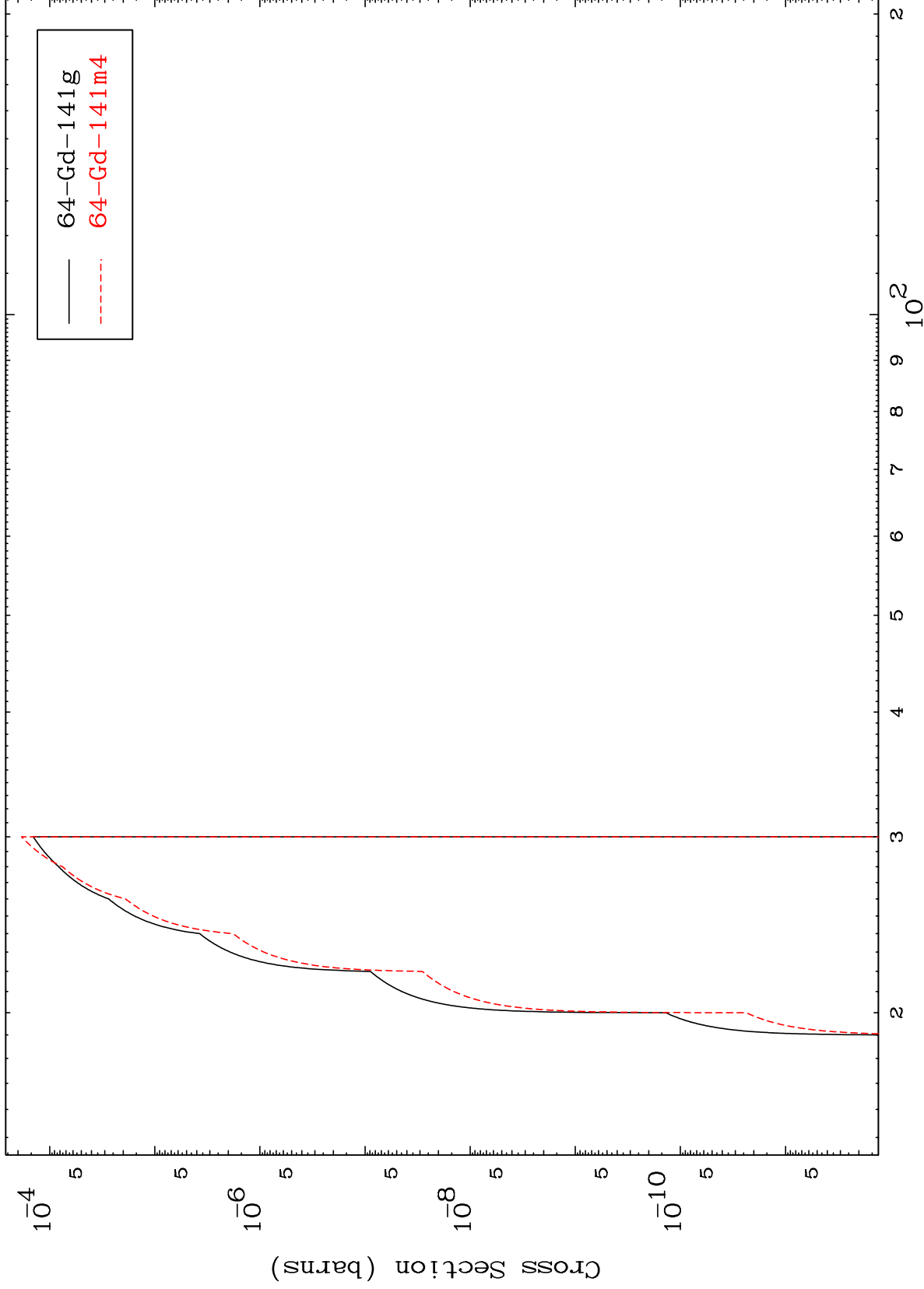
16

MAT 6399

(d,n') t

64-Gd-143

Radionuclide Production Cross Section



17

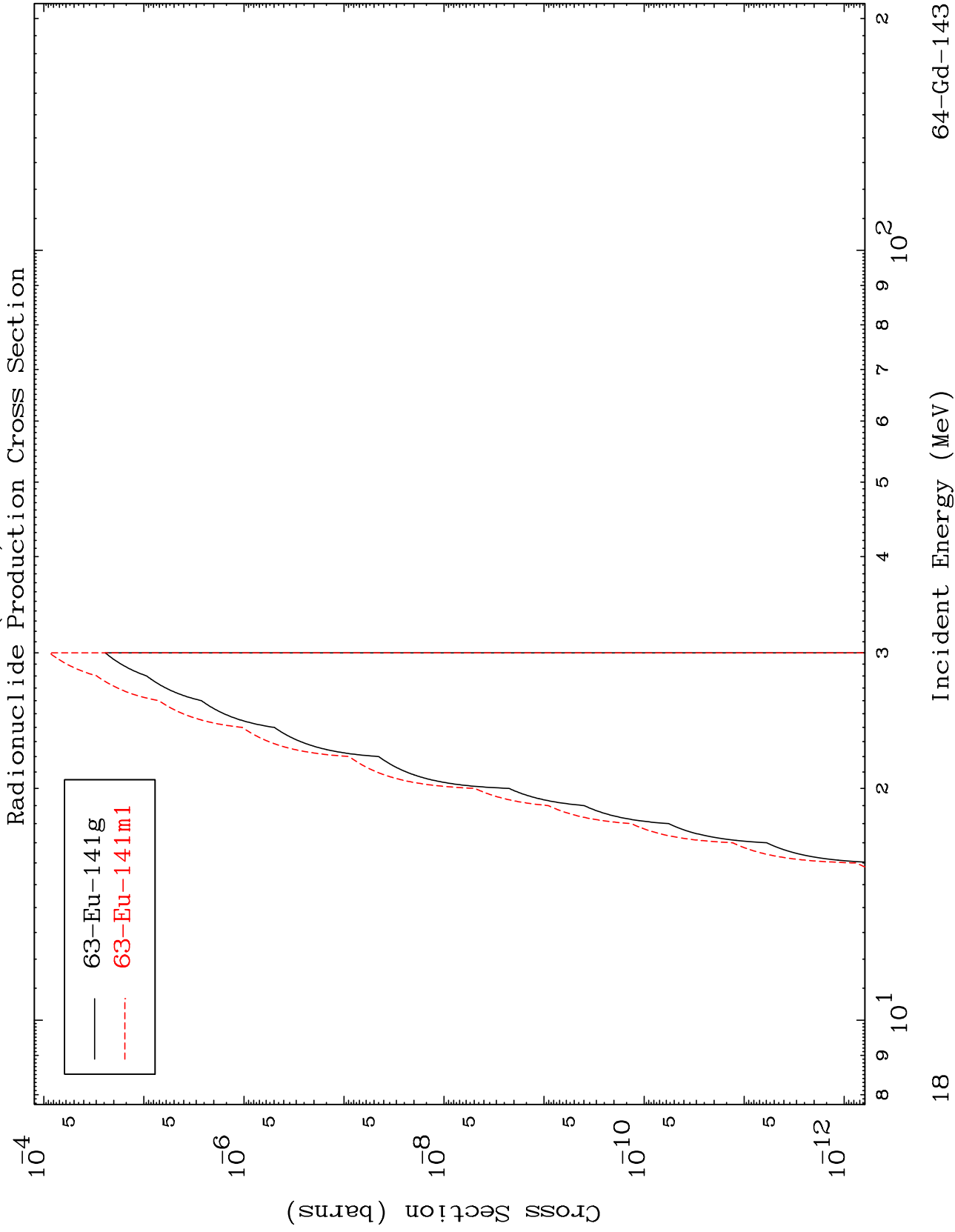
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d,n') He-3

64-Gd-143



18

Incident Energy (MeV)

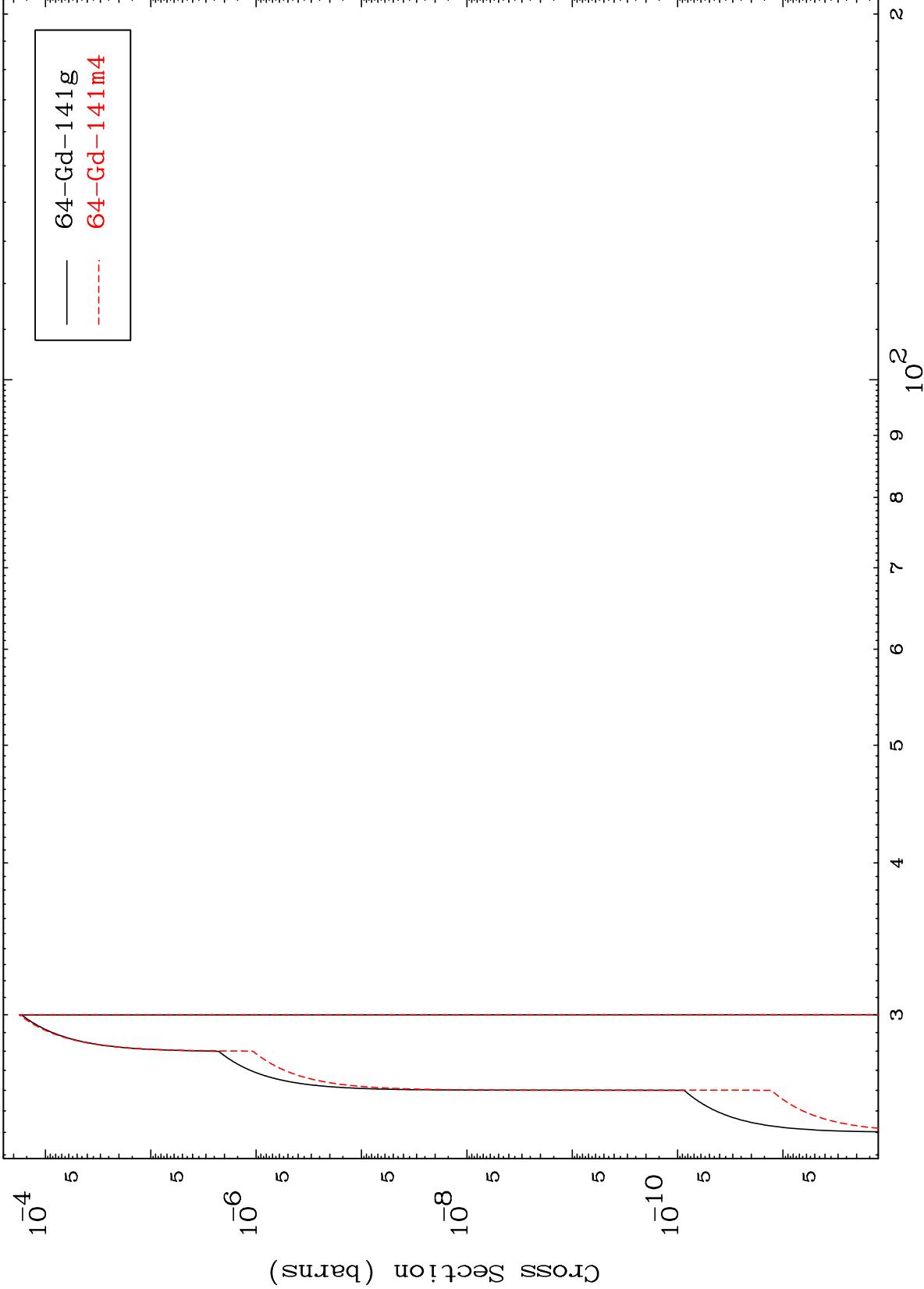
64-Gd-143

MAT 6399

(d,3n) p

64-Gd-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

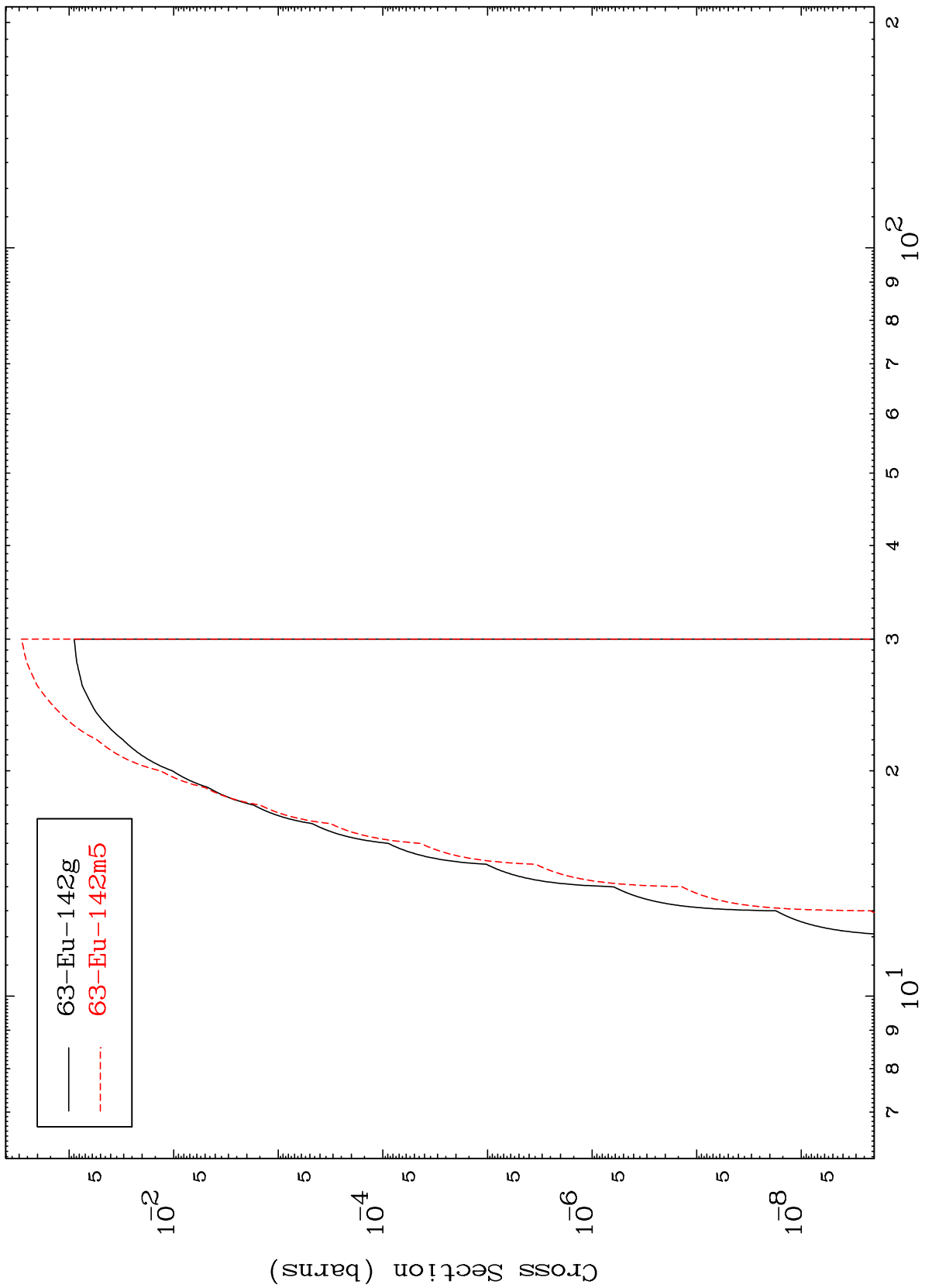
64-Gd-143

MAT 6399

(d,2n) p

64-Gd-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

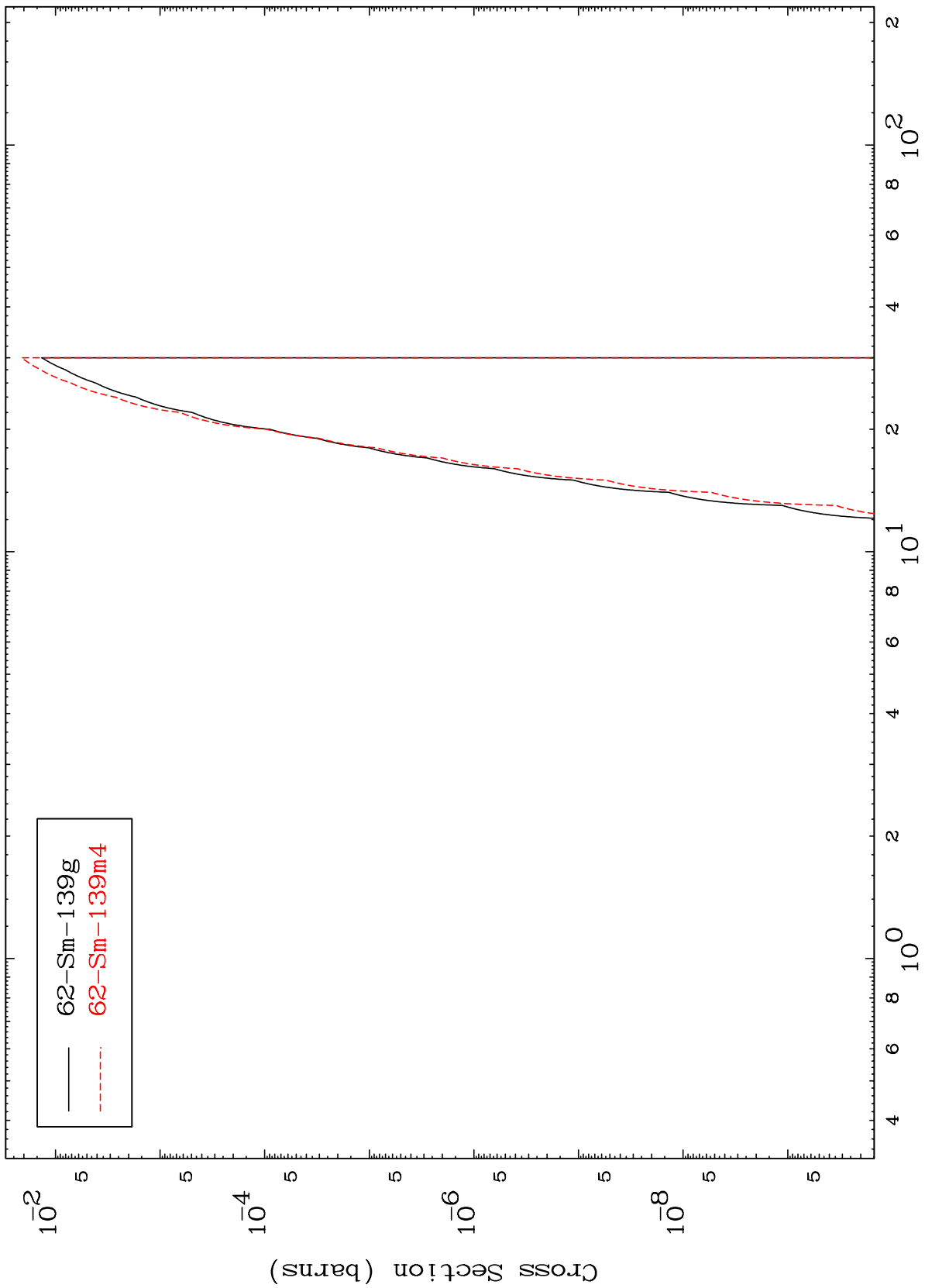
64-Gd-143

MAT 6399

(d,n') p α

64-Gd-143

Radionuclide Production Cross Section

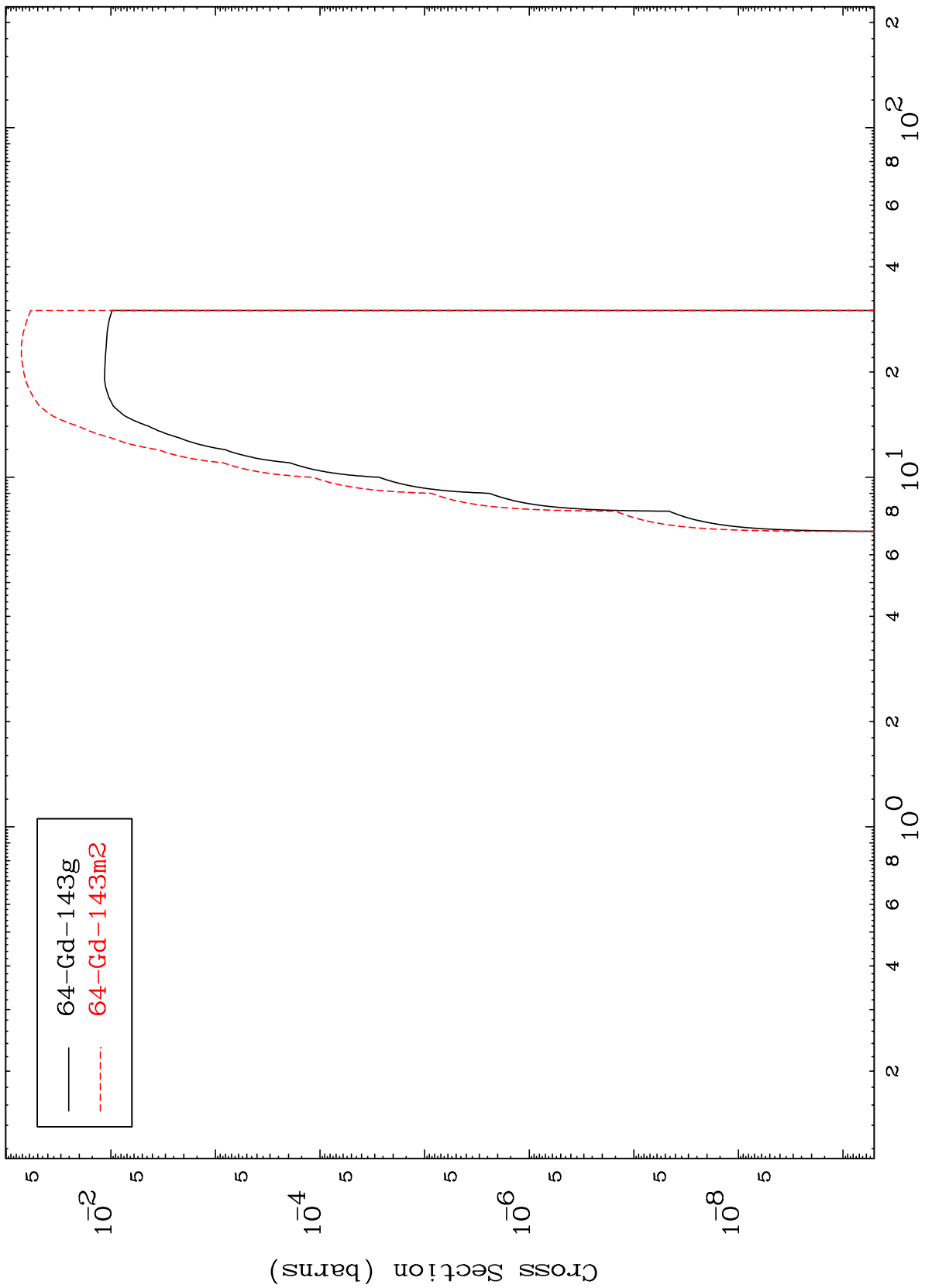


MAT 6399

(d,d)

64-Gd-143

Radionuclide Production Cross Section

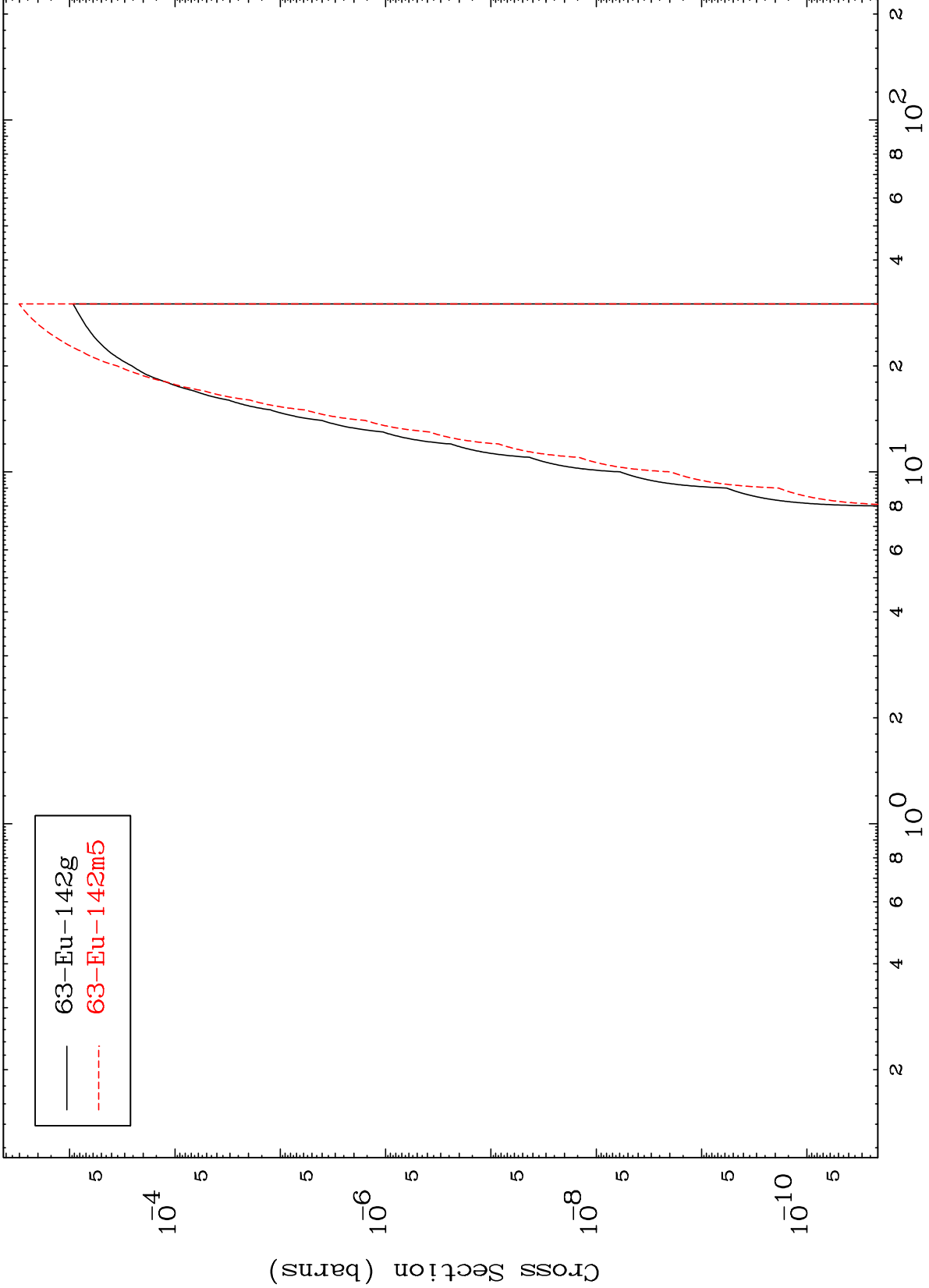


MAT 6399

(d,He-3)

64-Gd-143

Radionuclide Production Cross Section

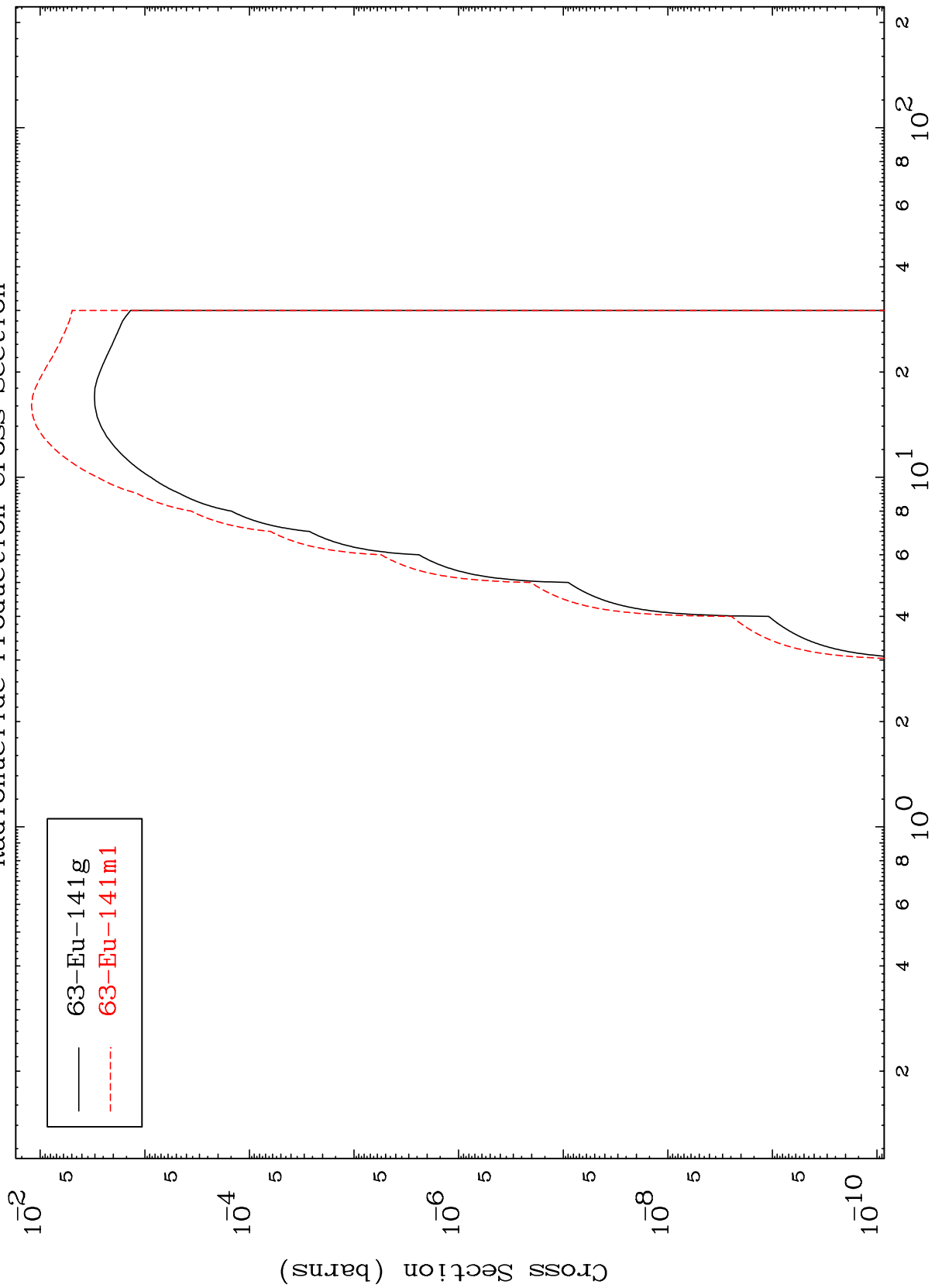


63-Eu-142g
63-Eu-142m5

MAT 6399

64-Gd-143

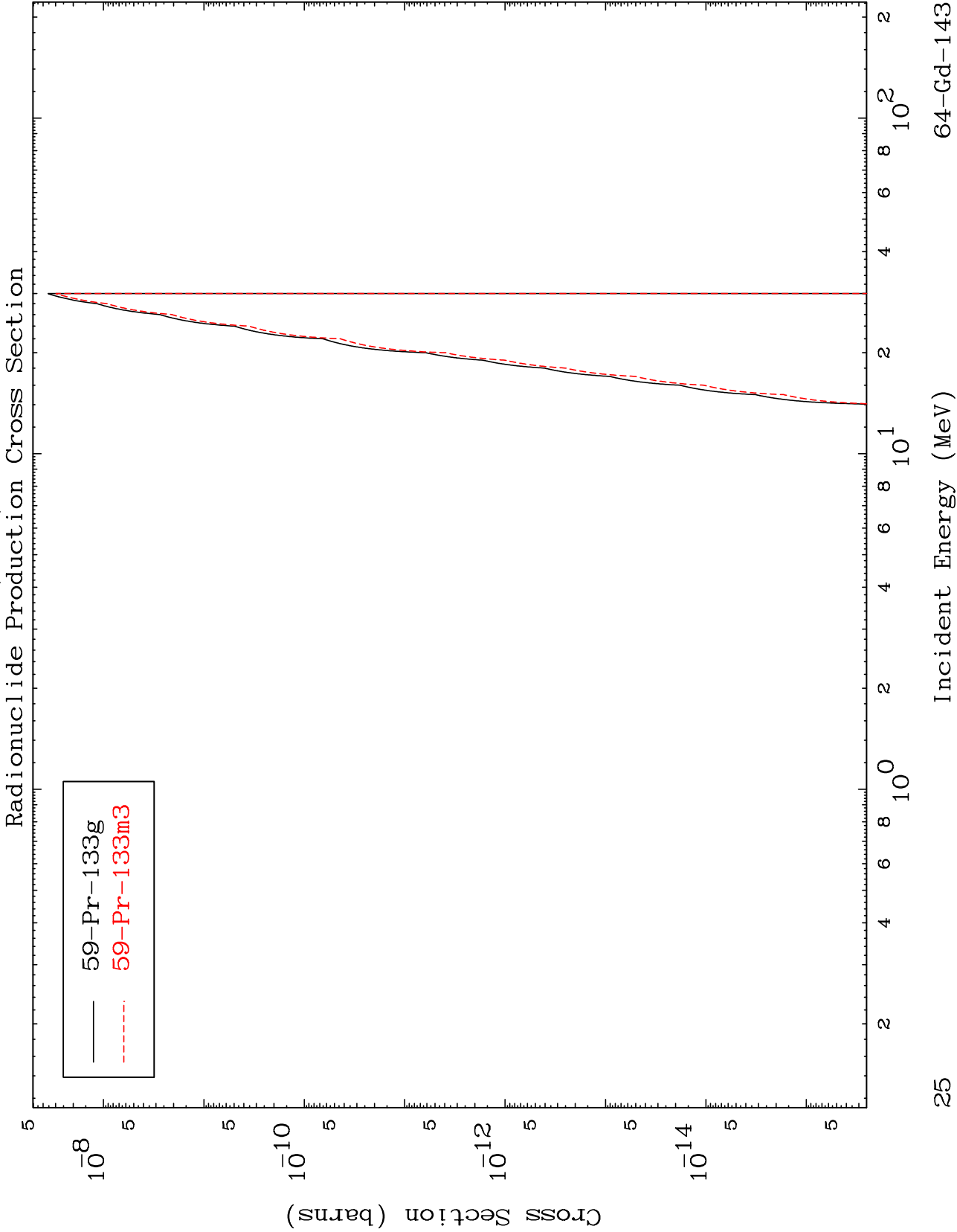
(d, α)
Radionuclide Production Cross Section



MAT 6399

(d,3 α)

64-Gd-143



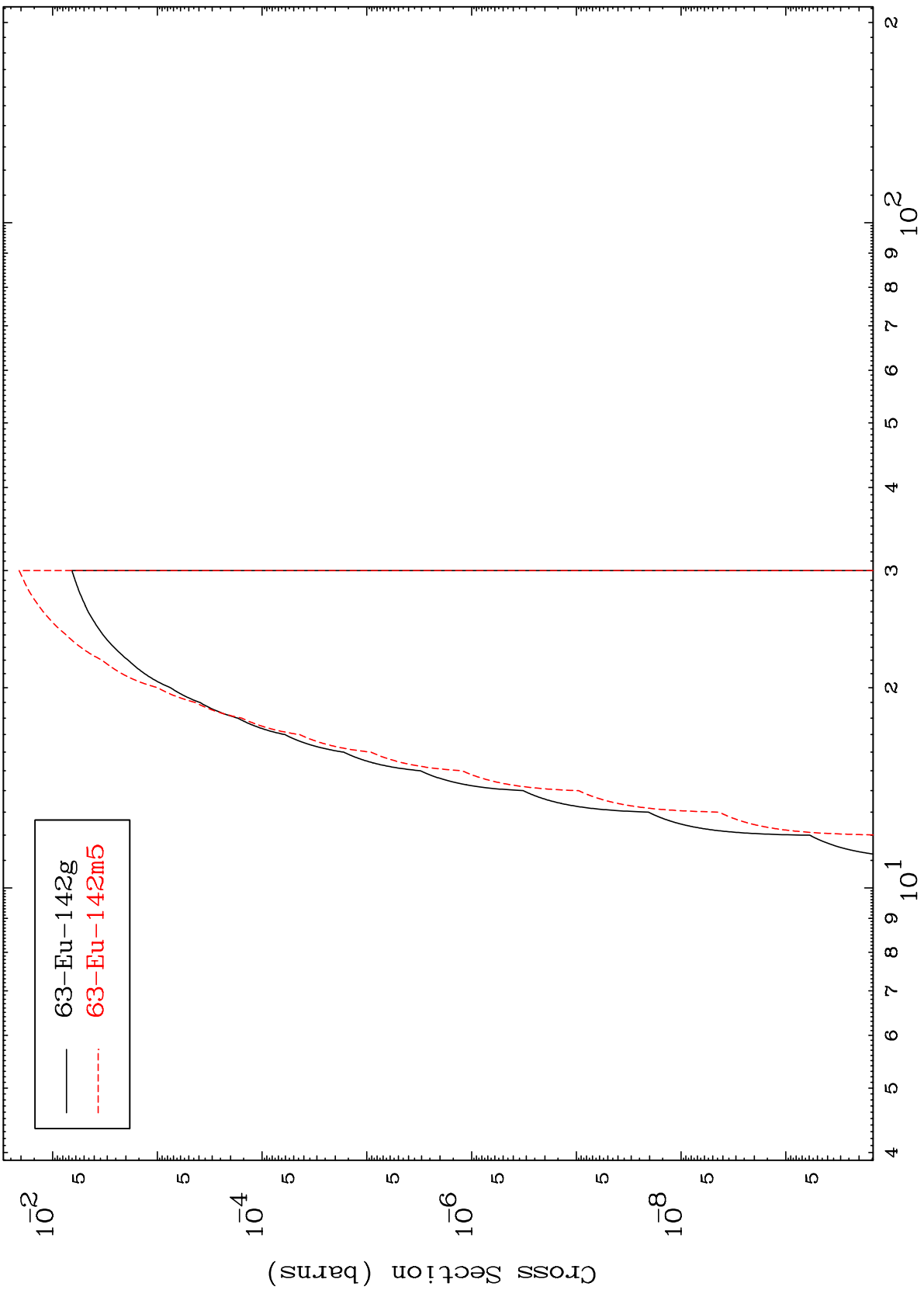
59-Pr-133g
59-Pr-133m3

MAT 6399

(d,p) d

64-Gd-143

Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m5

26

Incident Energy (MeV)

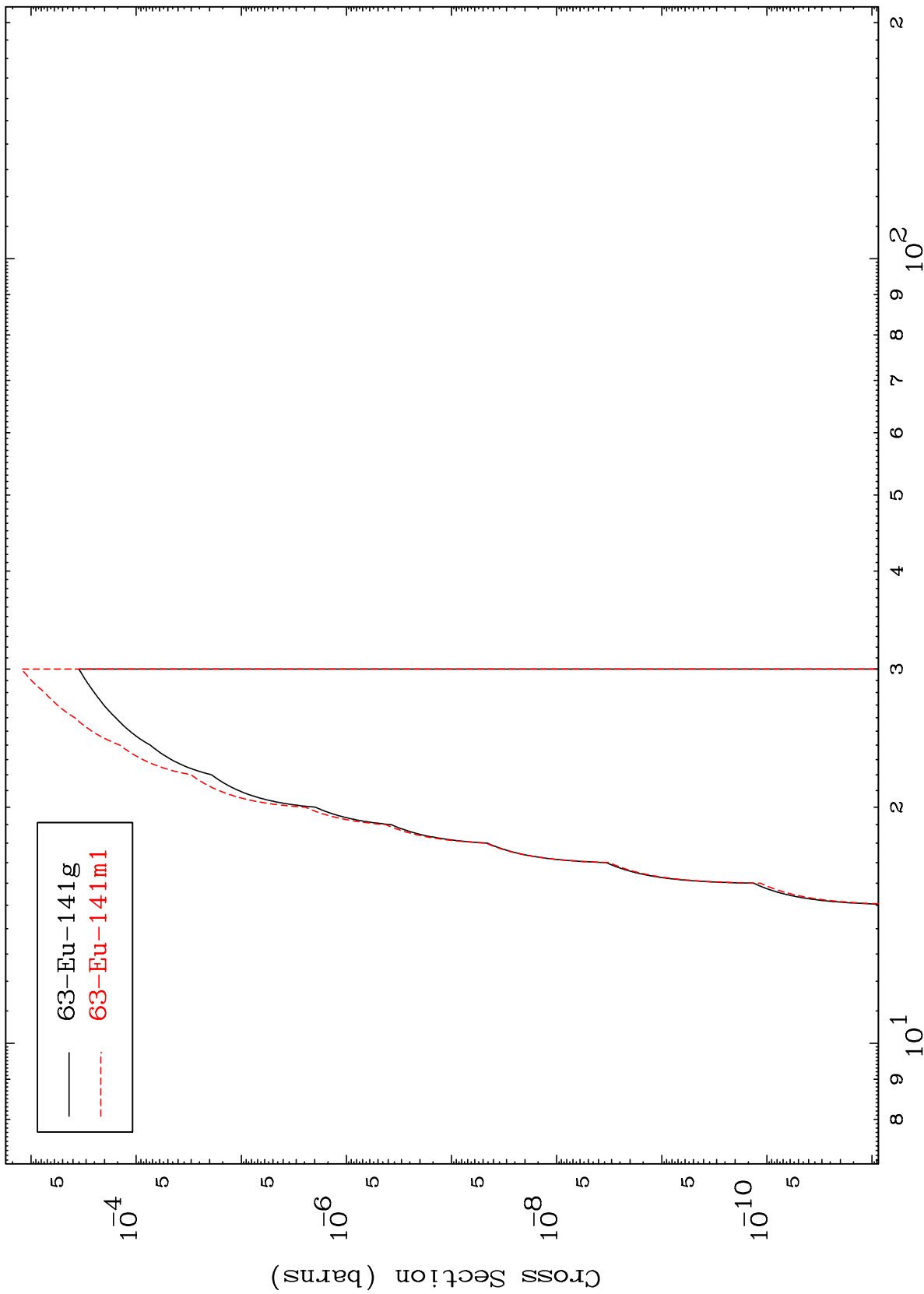
64-Gd-143

MAT 6399

(d,p) t

64-Gd-143

Radionuclide Production Cross Section



27

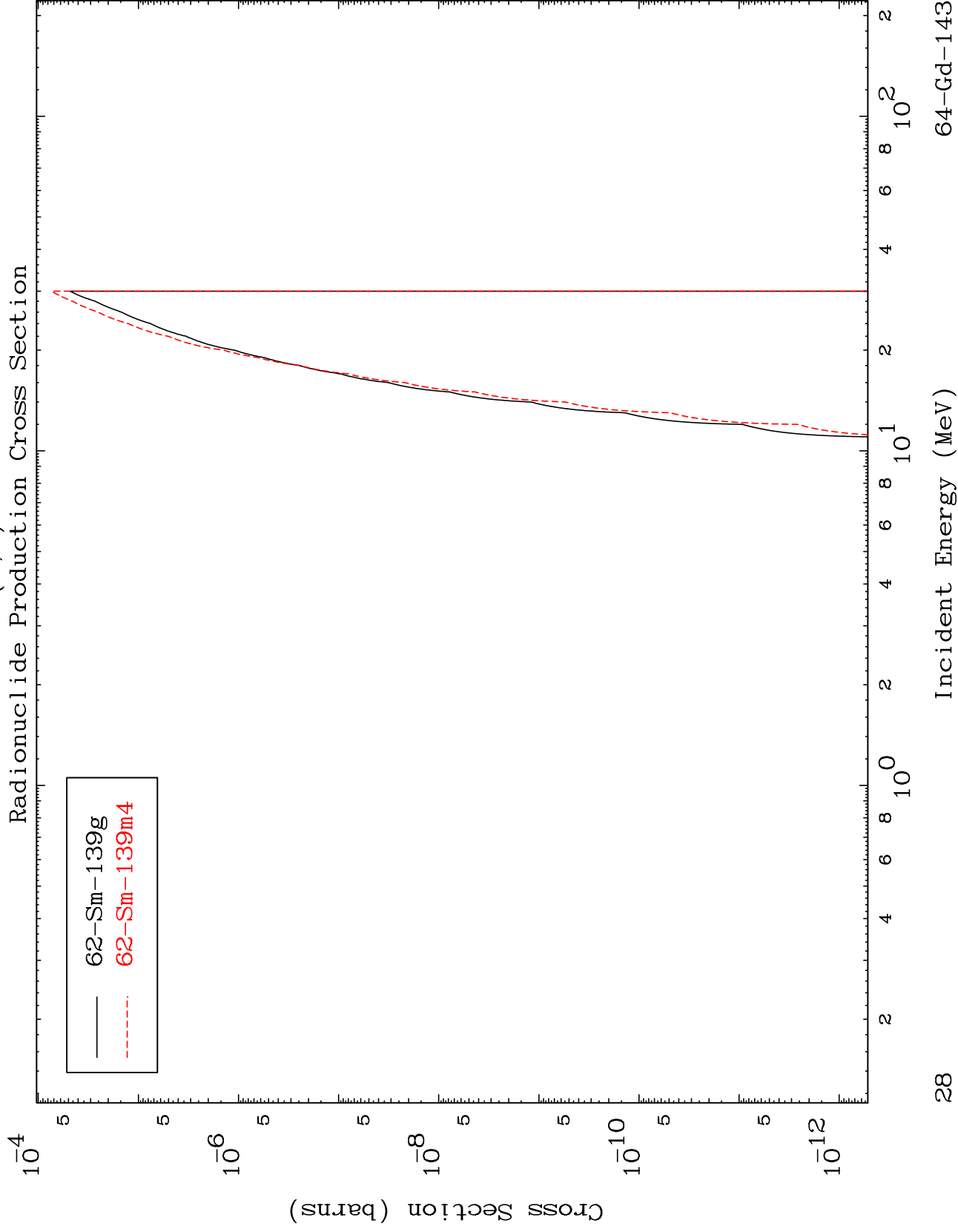
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d,d) α

64-Gd-143



28

64-Gd-143