

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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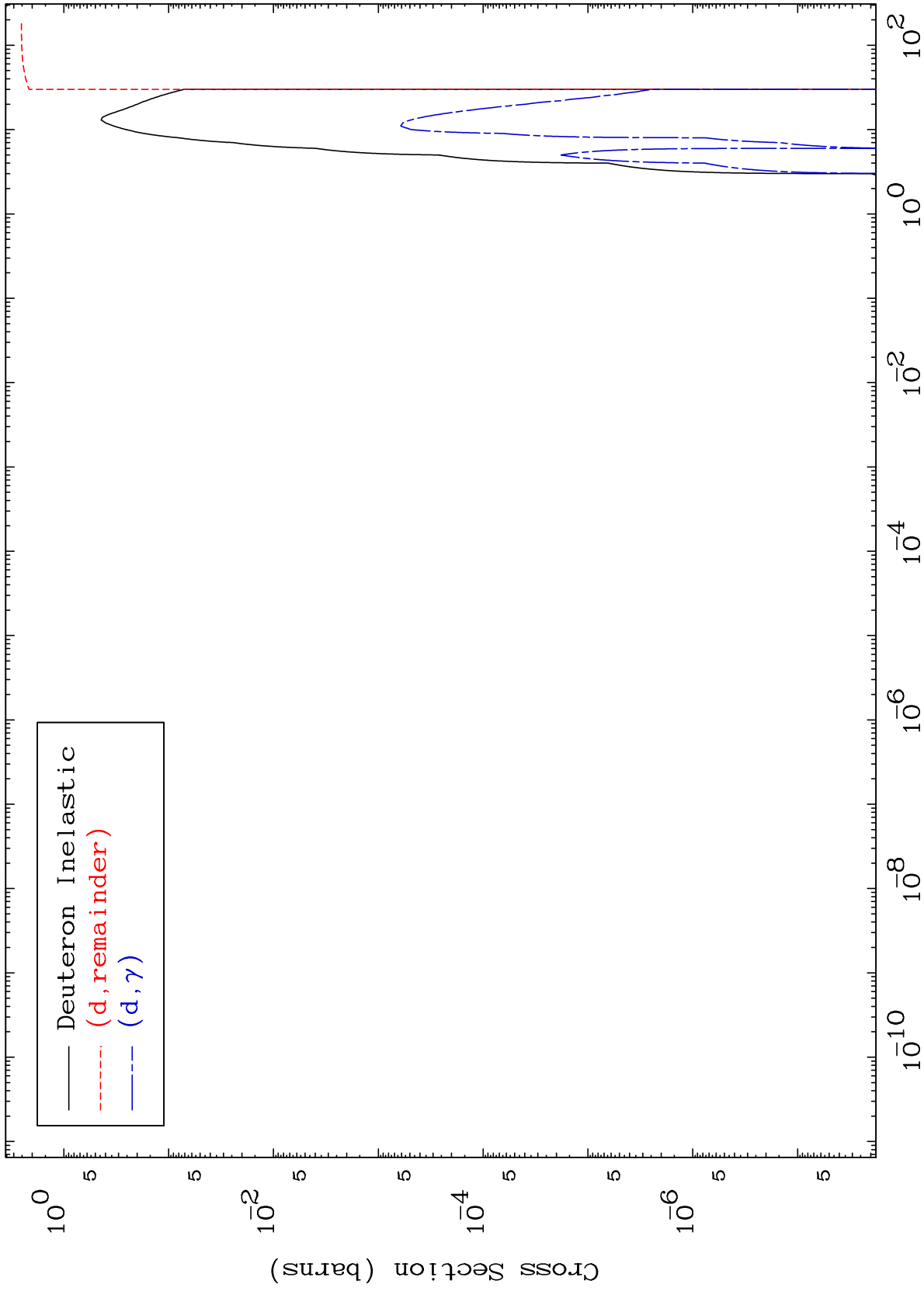
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6401

Deuteron Major
0 Kelvin Cross Sections

64-Gd-144



1

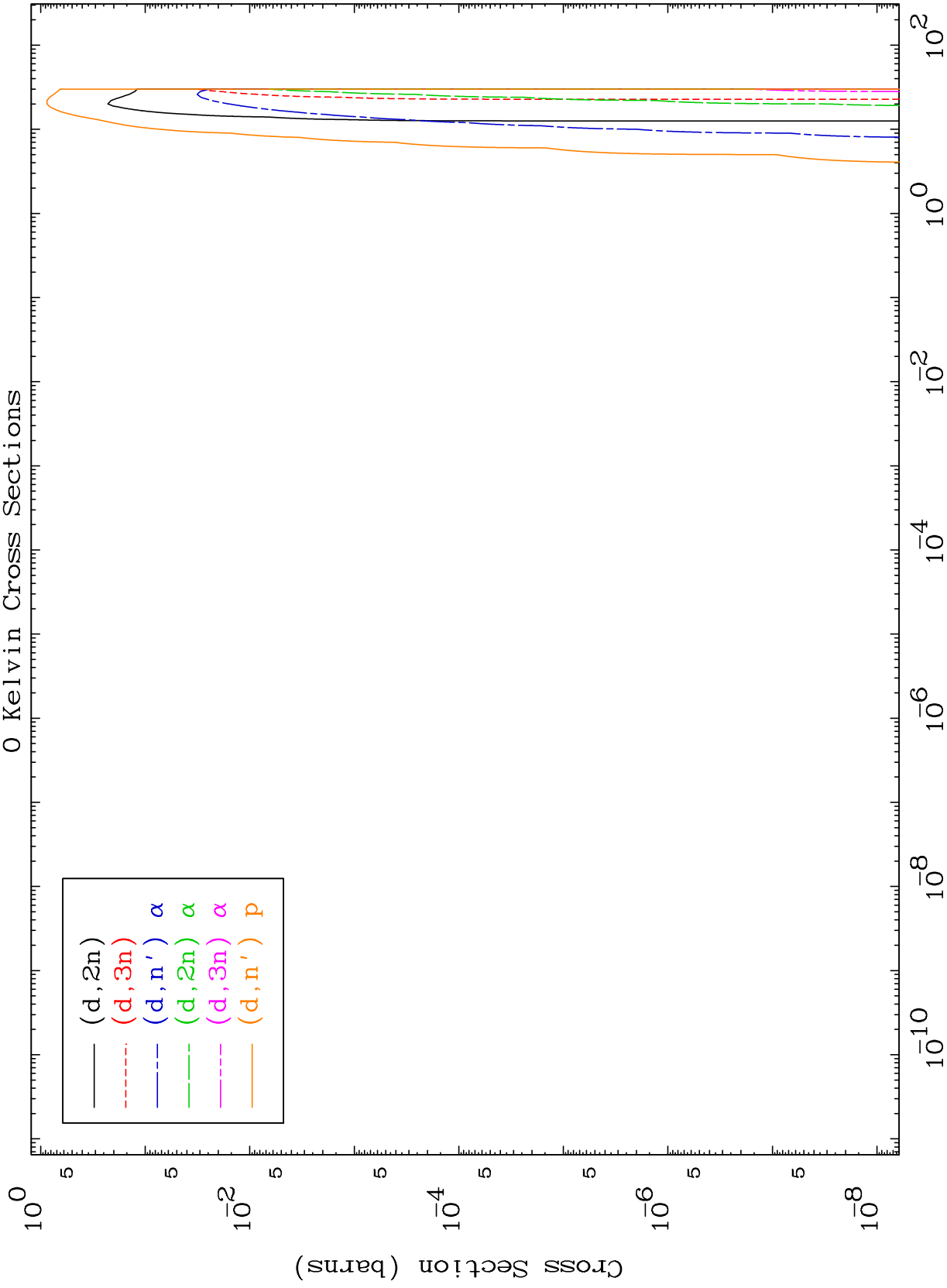
Incident Energy (MeV)

64-Gd-144

MAT 6401

Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-144



2

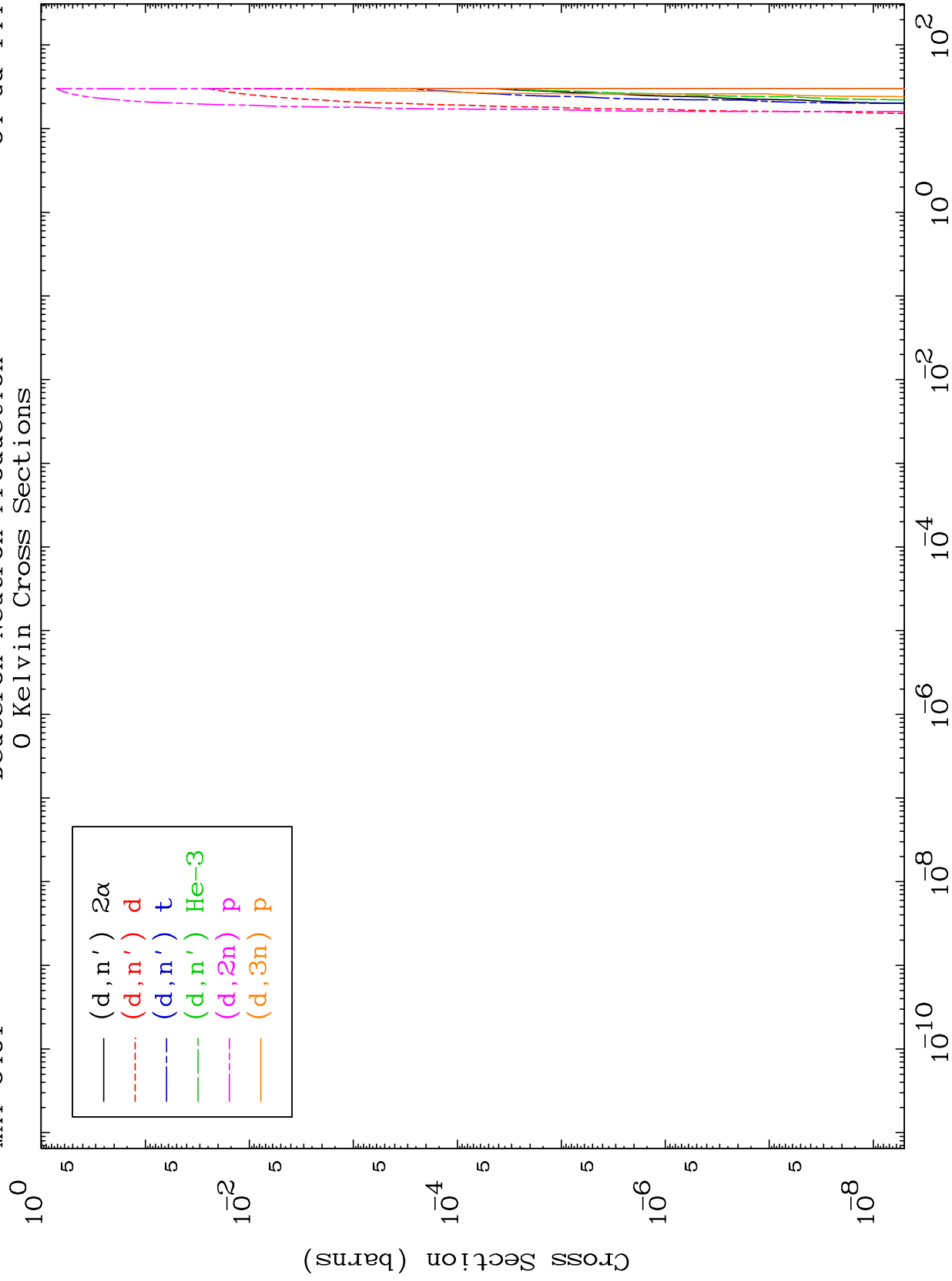
Incident Energy (MeV)

64-Gd-144

MAT 6401

Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-144



3

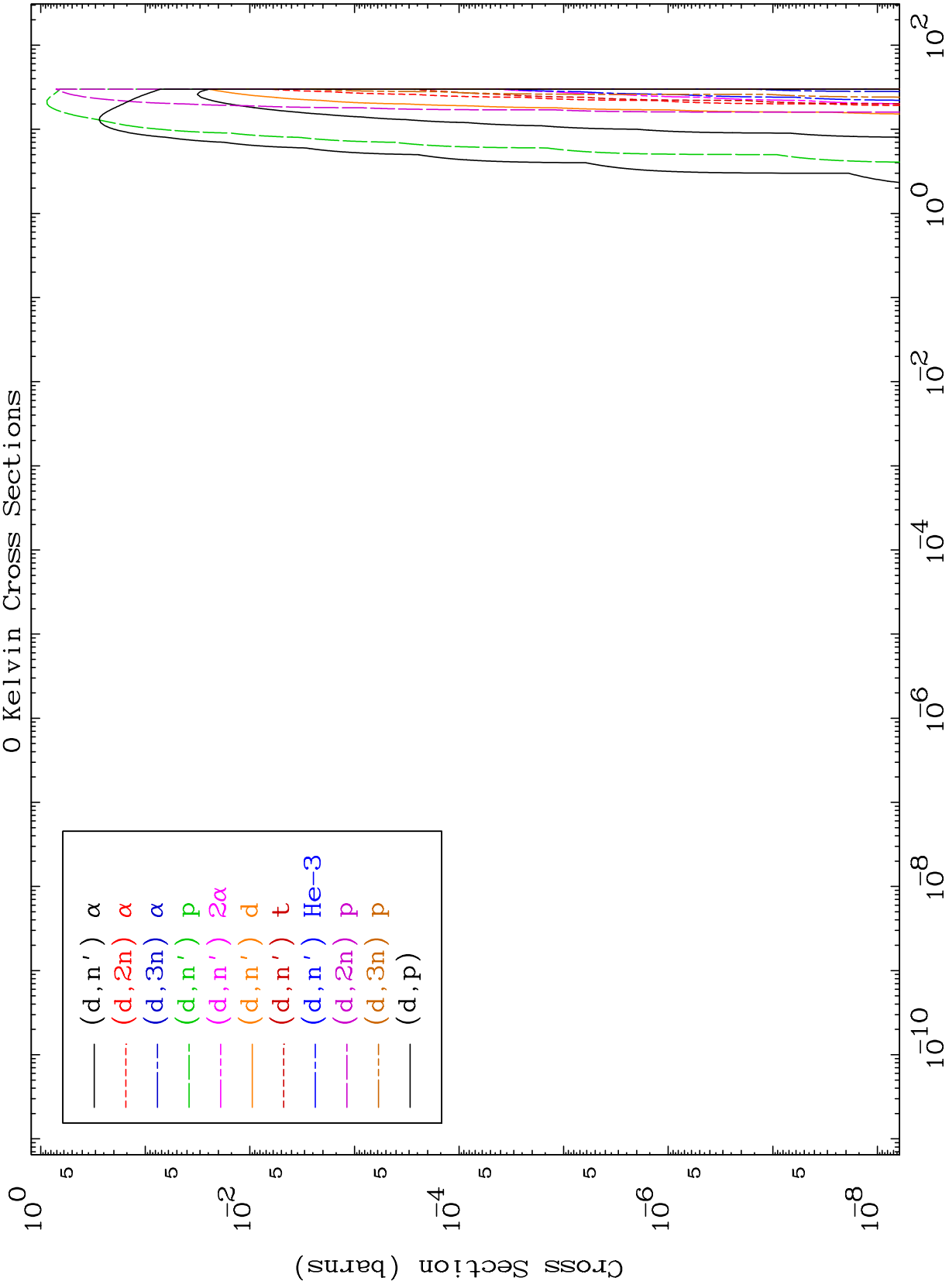
Incident Energy (MeV)

64-Gd-144

MAT 6401

Deuteron Charged Particle
0 Kelvin Cross Sections

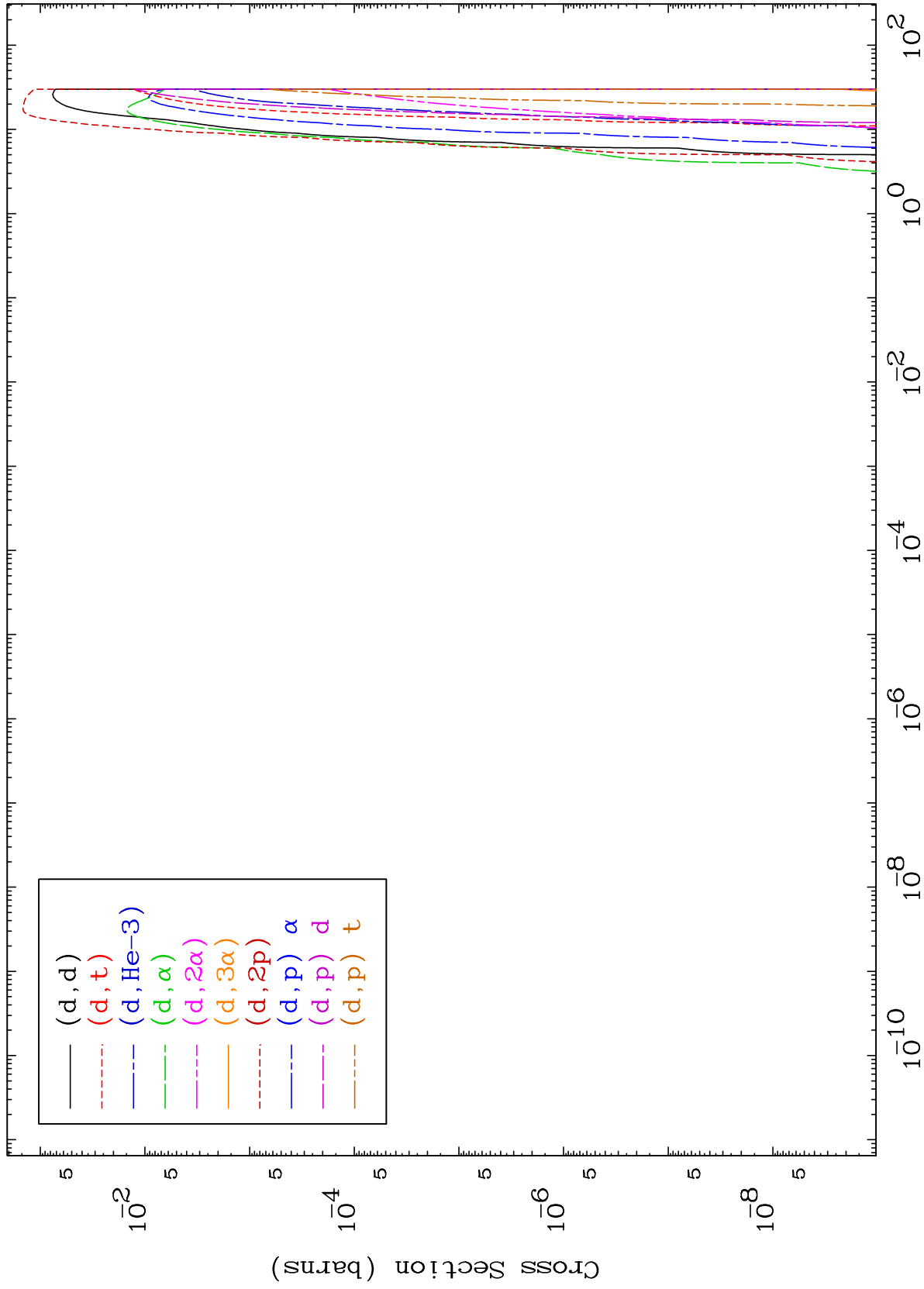
64-Gd-144



MAT 6401

Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-144



5

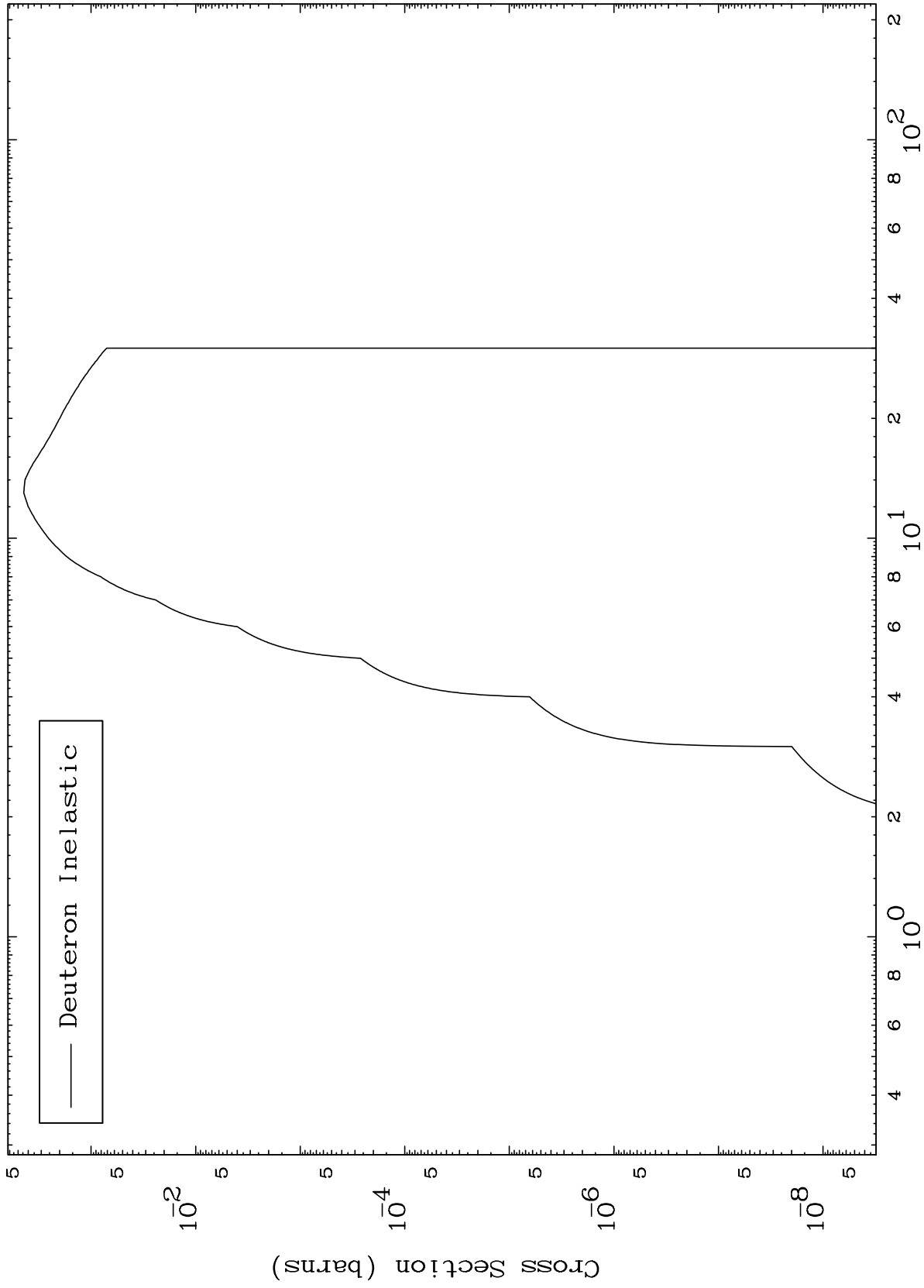
Incident Energy (MeV)

64-Gd-144

MAT 6401

(d,n') Level
0 Kelvin Cross Sections

64-Gd-144



6

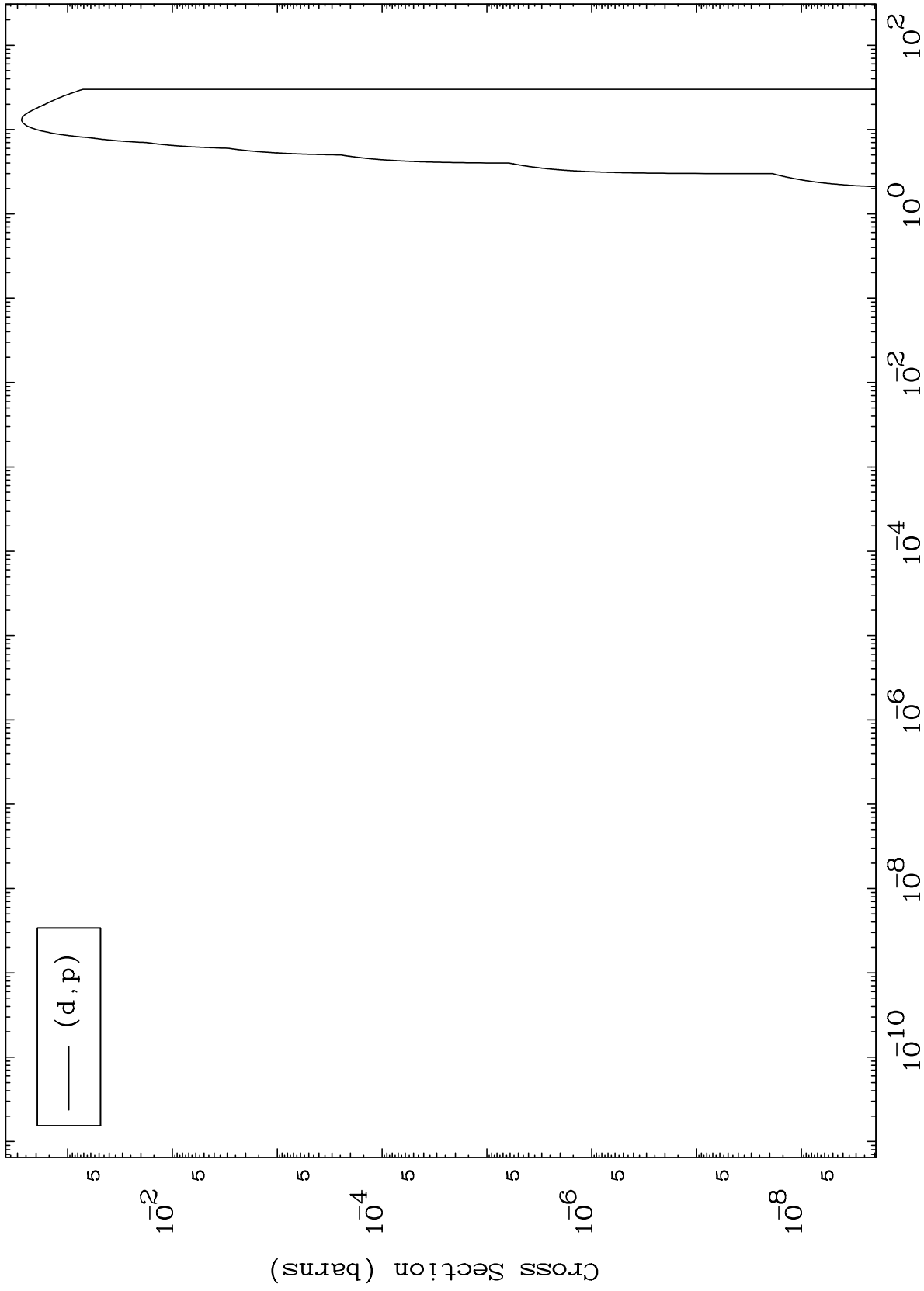
Incident Energy (MeV)

64-Gd-144

MAT 6401

(d,p) Levels
0 Kelvin Cross Sections

64-Gd-144



7

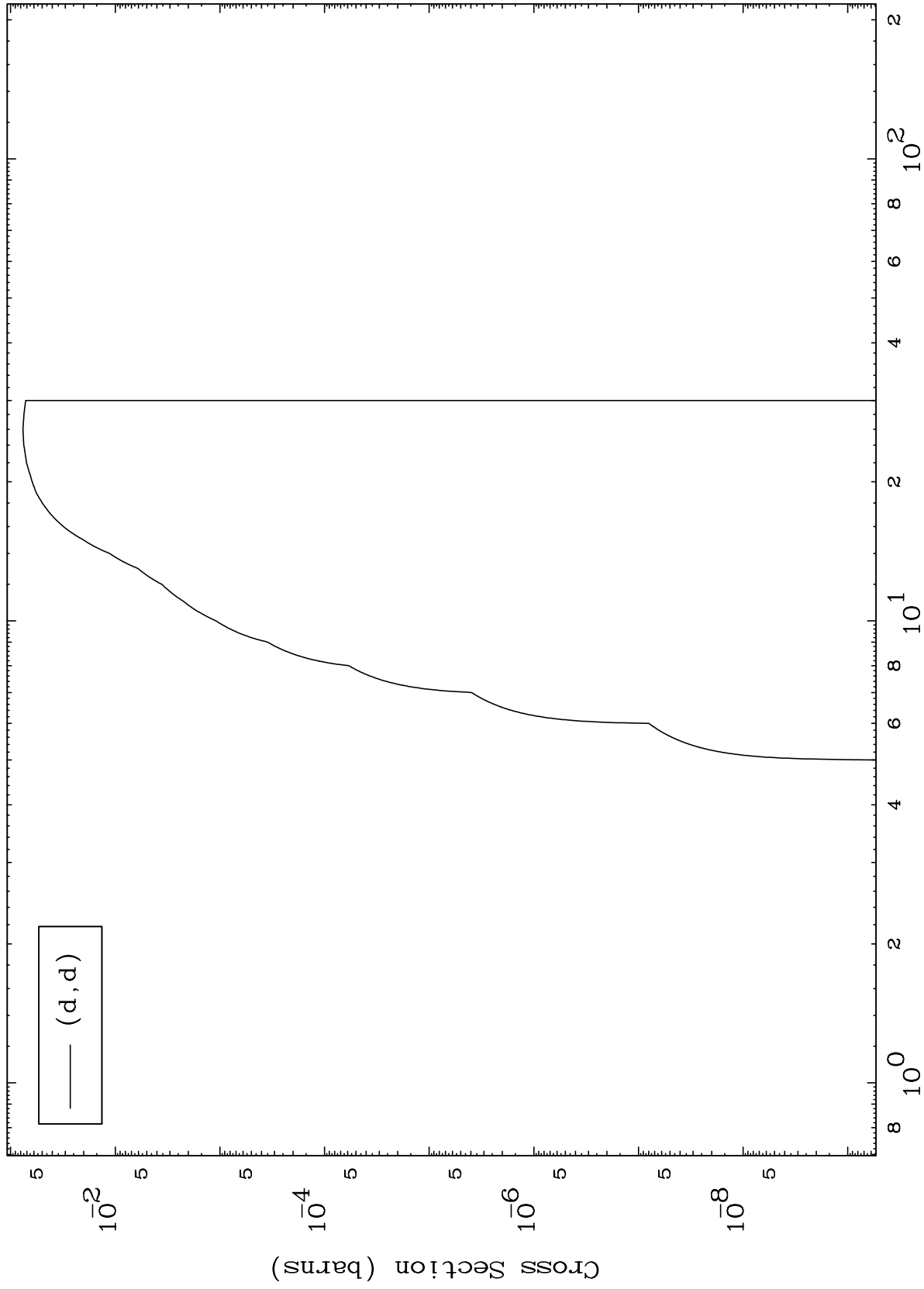
Incident Energy (MeV)

64-Gd-144

MAT 6401

(d,d) Levels
0 Kelvin Cross Sections

64-Gd-144



8

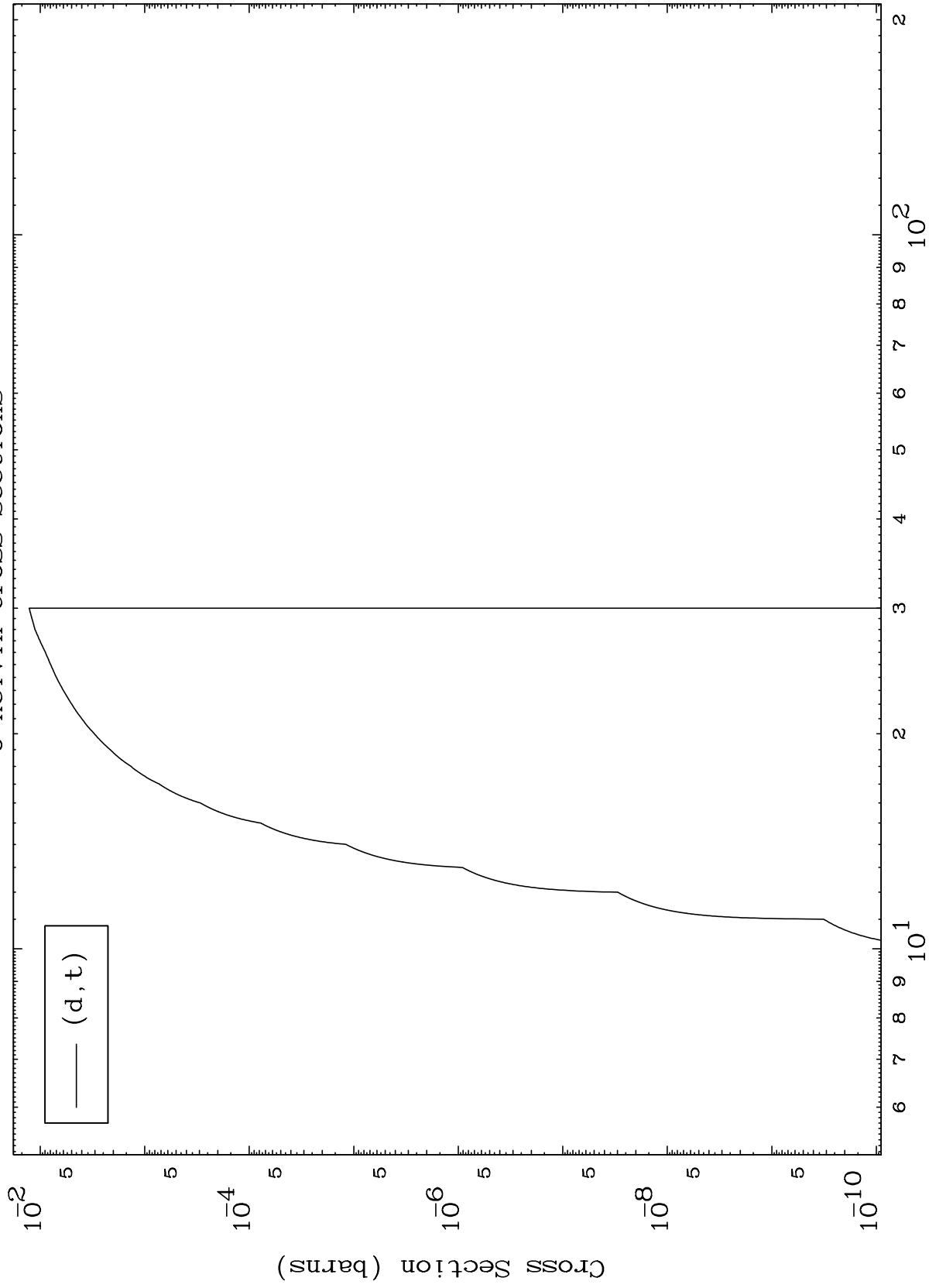
Incident Energy (MeV)

64-Gd-144

MAT 6401

(d,t) Levels
0 Kelvin Cross Sections

64-Gd-144



9

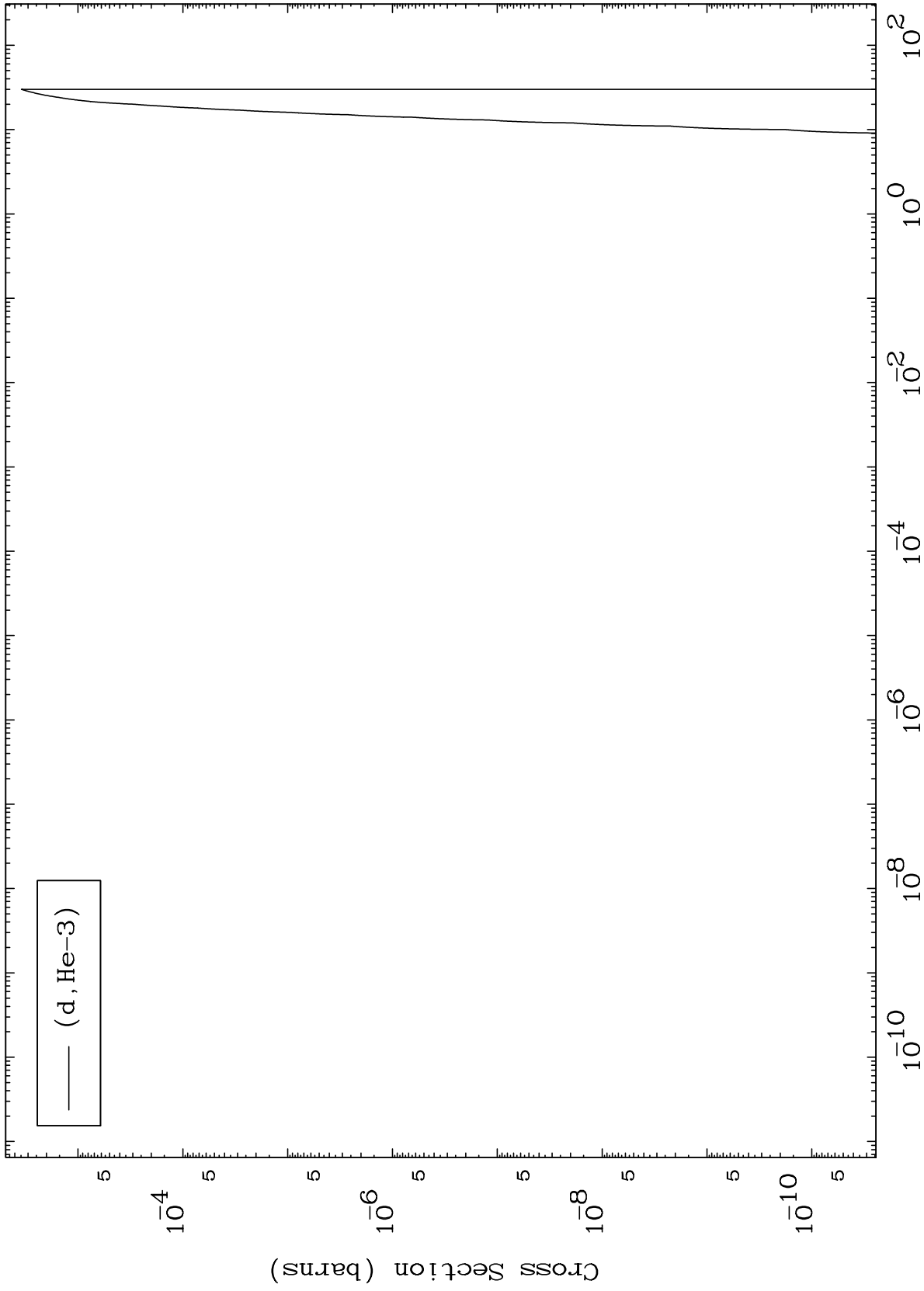
64-Gd-144

64-Gd-144

MAT 6401

(d,He3) Levels
0 Kelvin Cross Sections

64-Gd-144



10

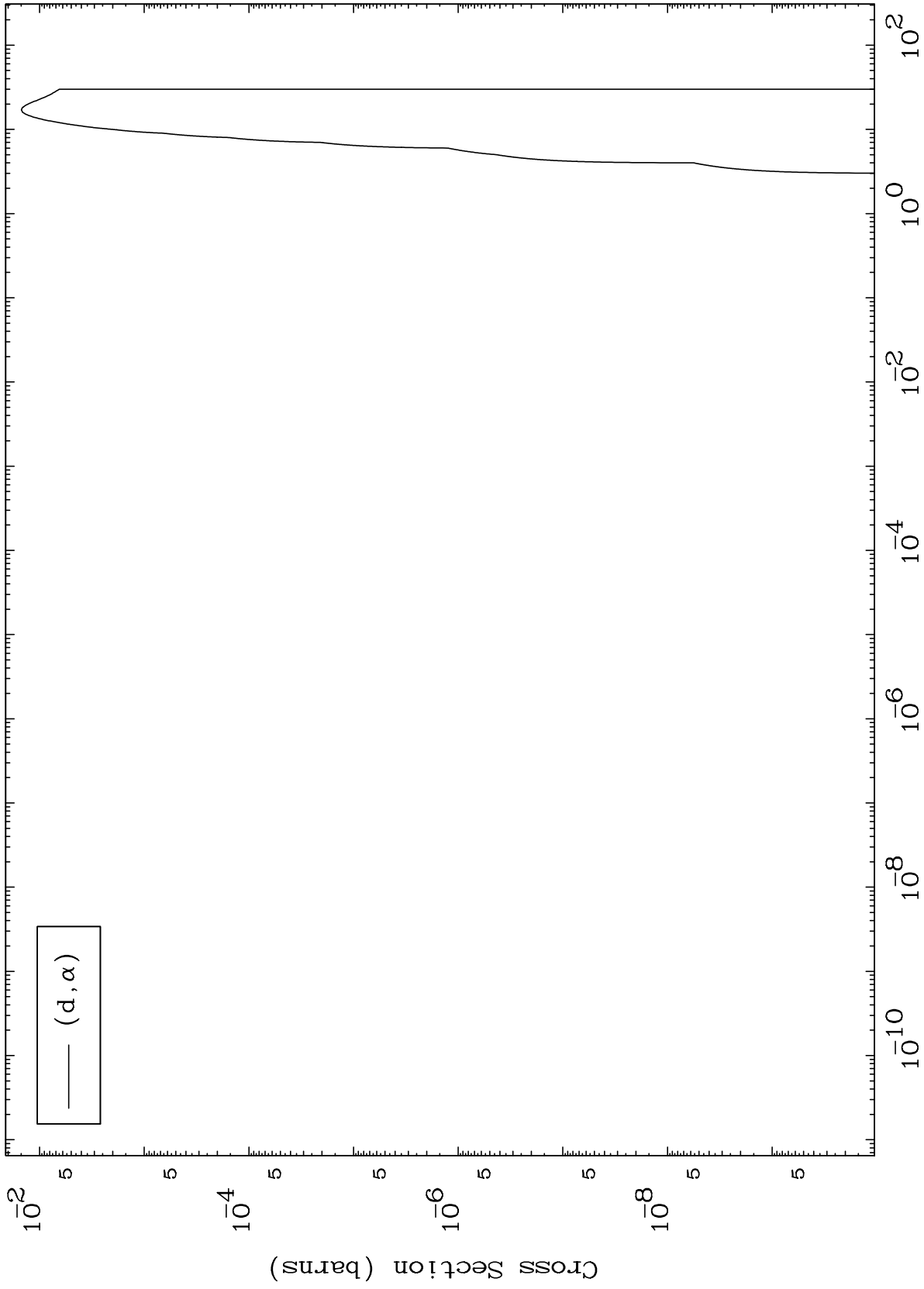
Incident Energy (MeV)

64-Gd-144

MAT 6401

(d, α) Levels
0 Kelvin Cross Sections

64-Gd-144



11

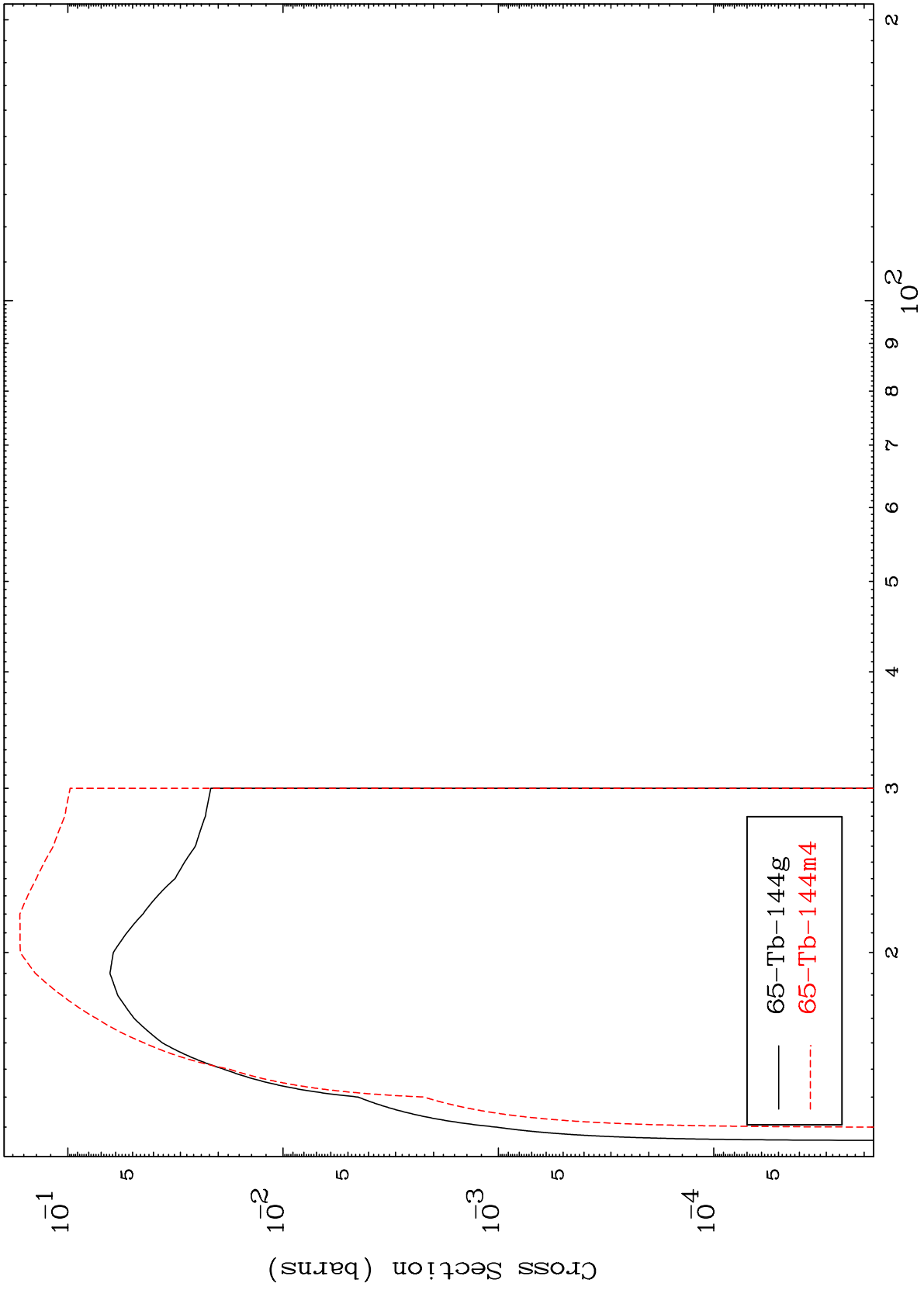
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

Radionuclide Production Cross Section
(d,2n)



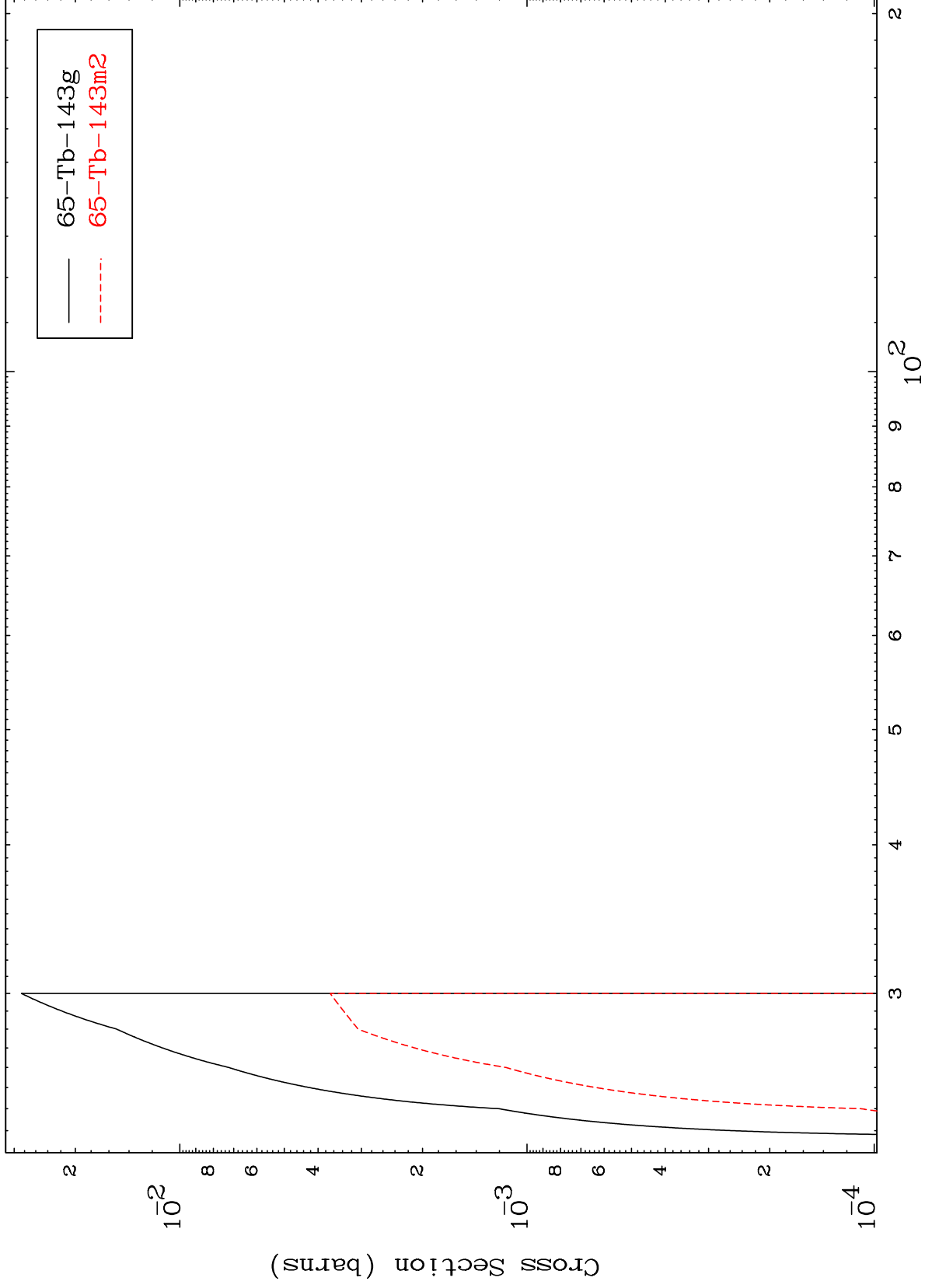
12

MAT 6401

(d,3n)

64-Gd-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

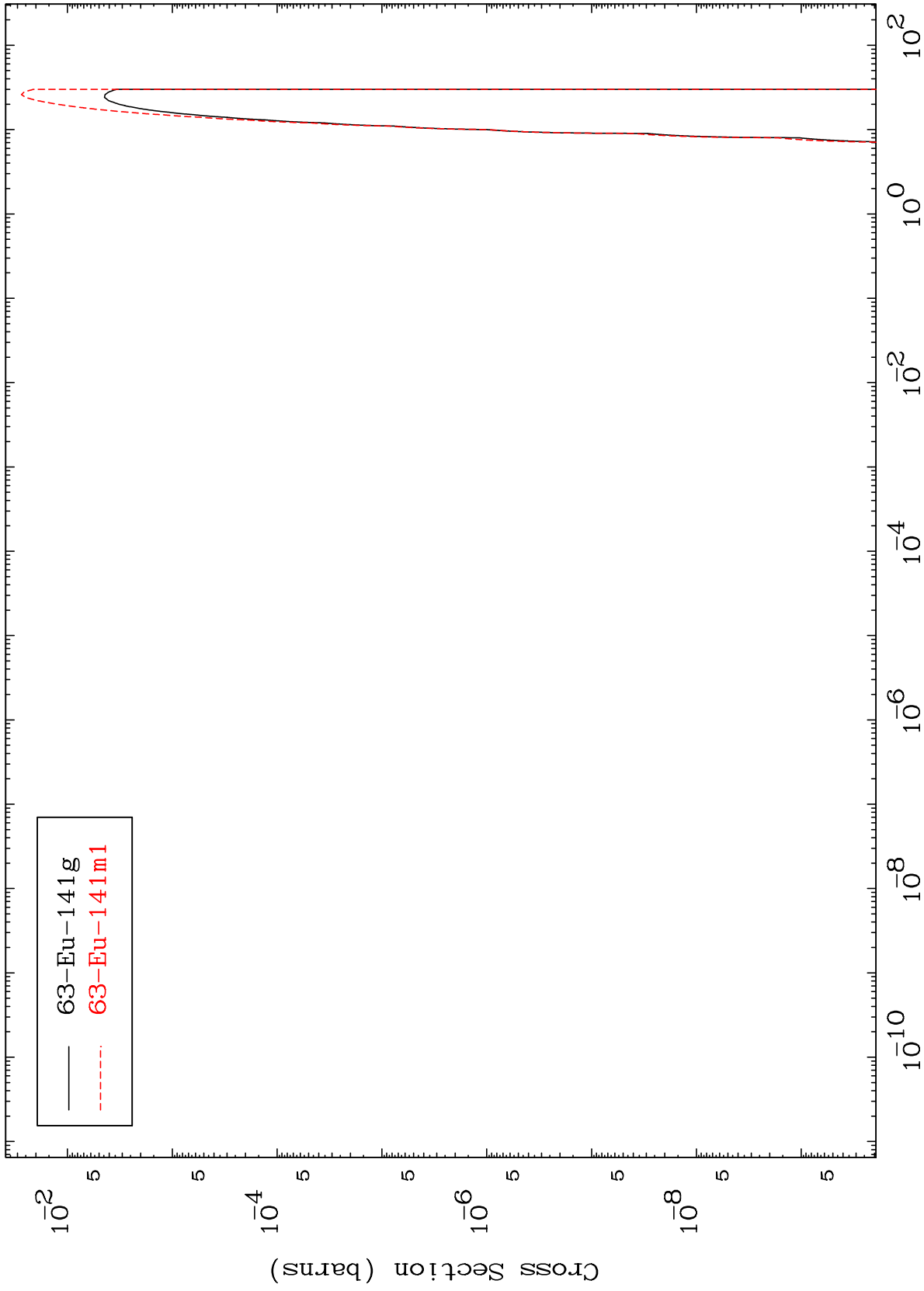
64-Gd-144

MAT 6401

(d,n') α

64-Gd-144

Radionuclide Production Cross Section



63-Eu-141g
63-Eu-141m1

14

Incident Energy (MeV)

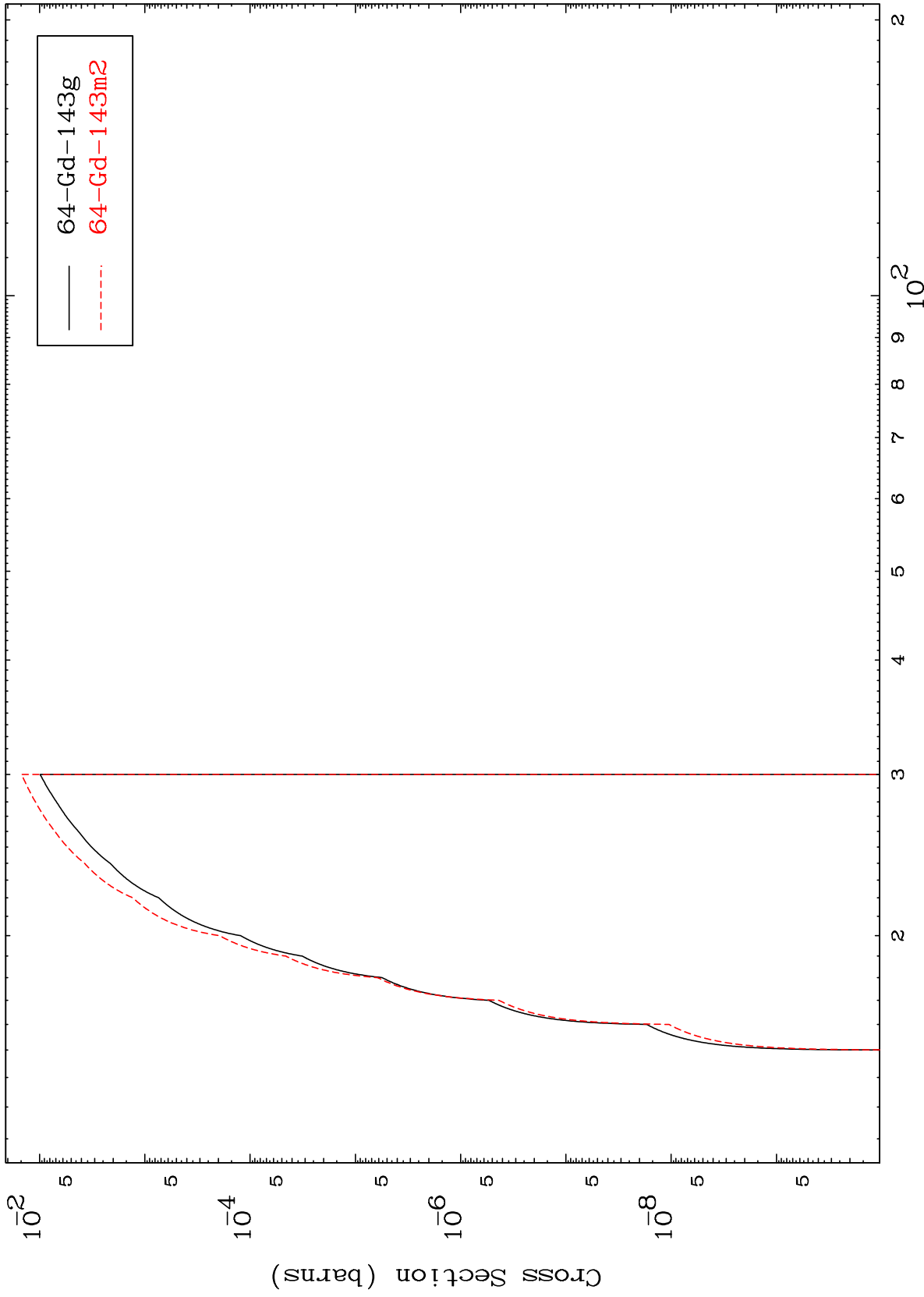
64-Gd-144

MAT 6401

(d,n') d

64-Gd-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

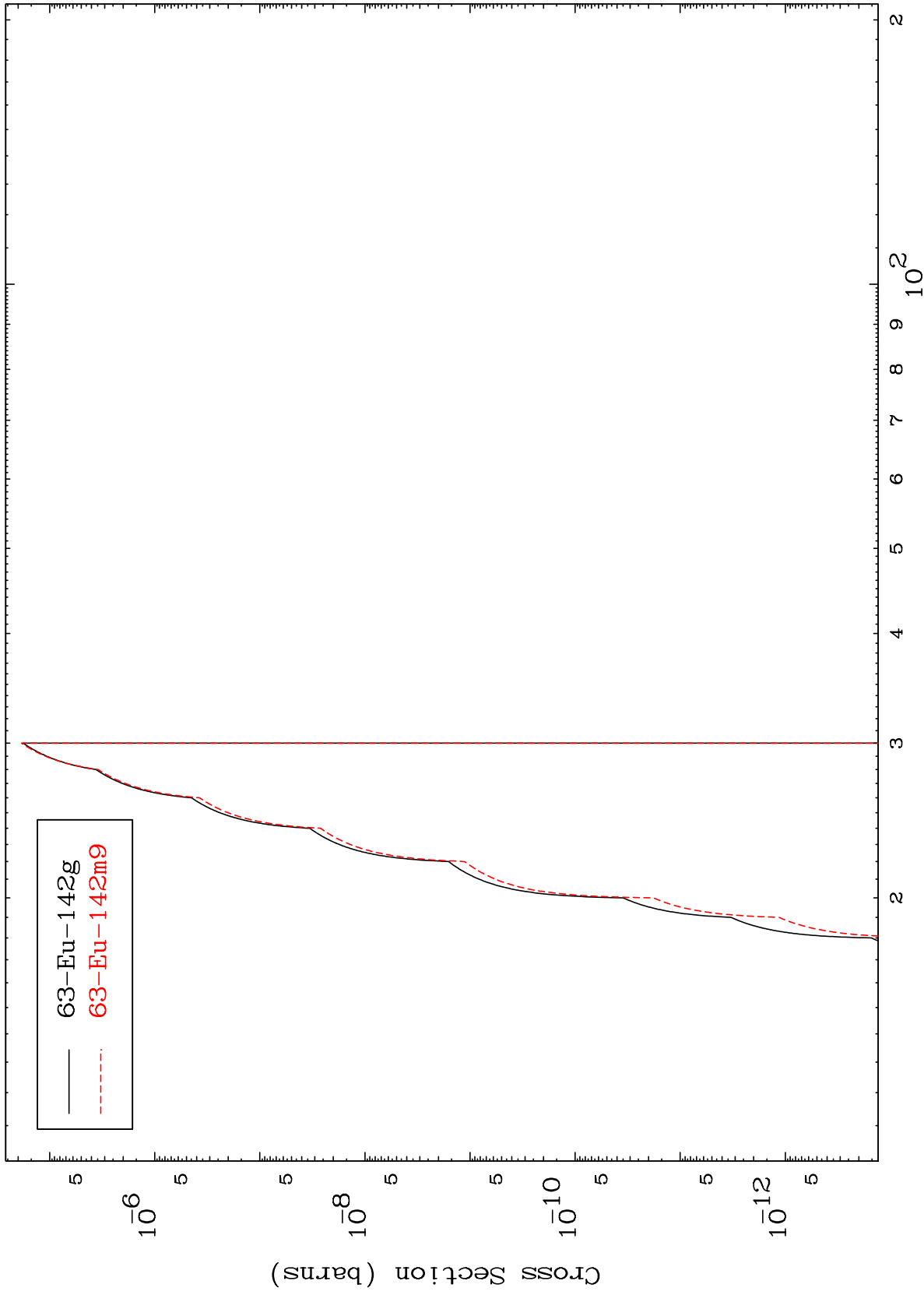
64-Gd-144

MAT 6401

(d, n') He-3

64-Gd-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

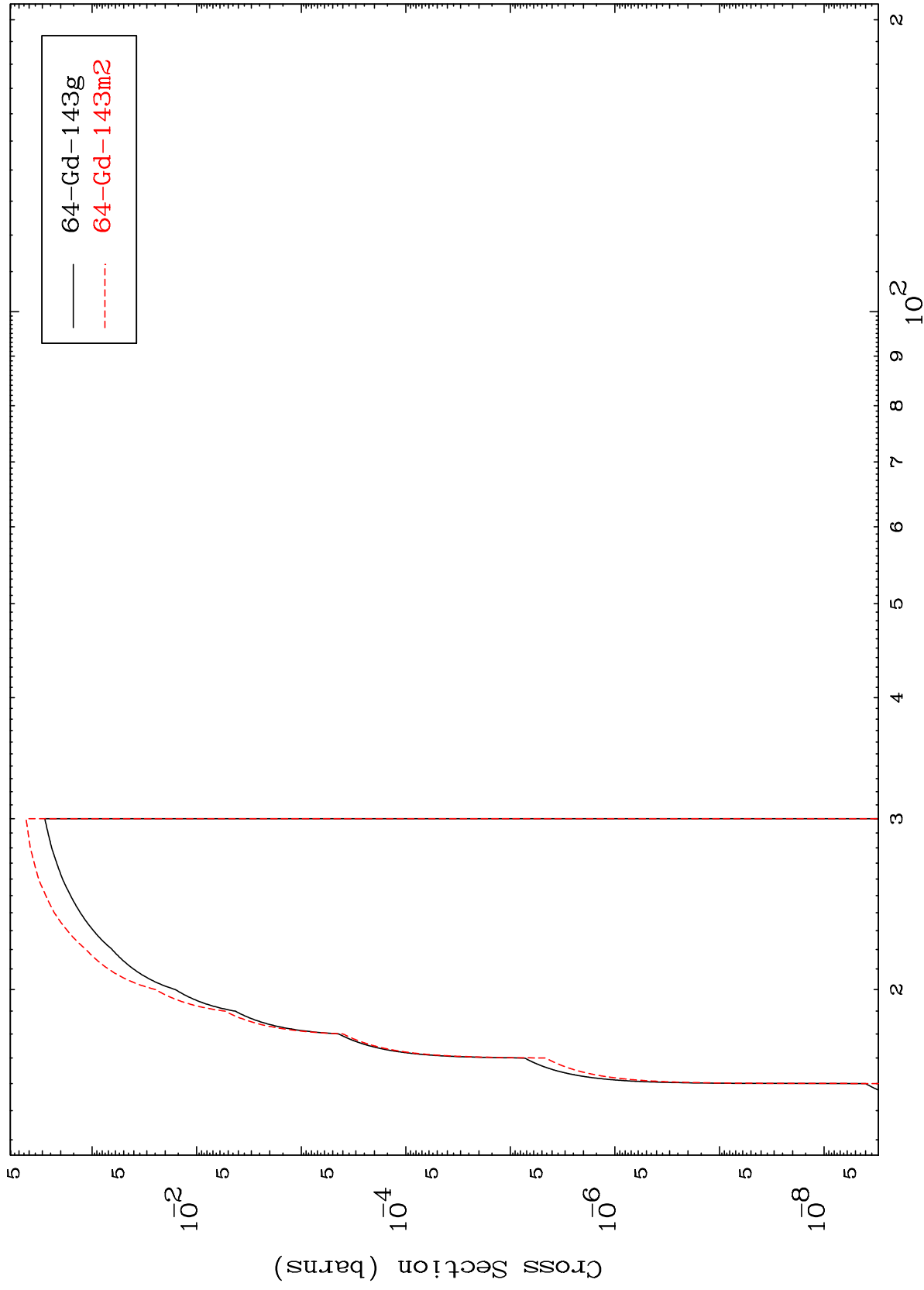
64-Gd-144

MAT 6401

(d,2n) p

⁶⁴Gd-144

Radionuclide Production Cross Section



17

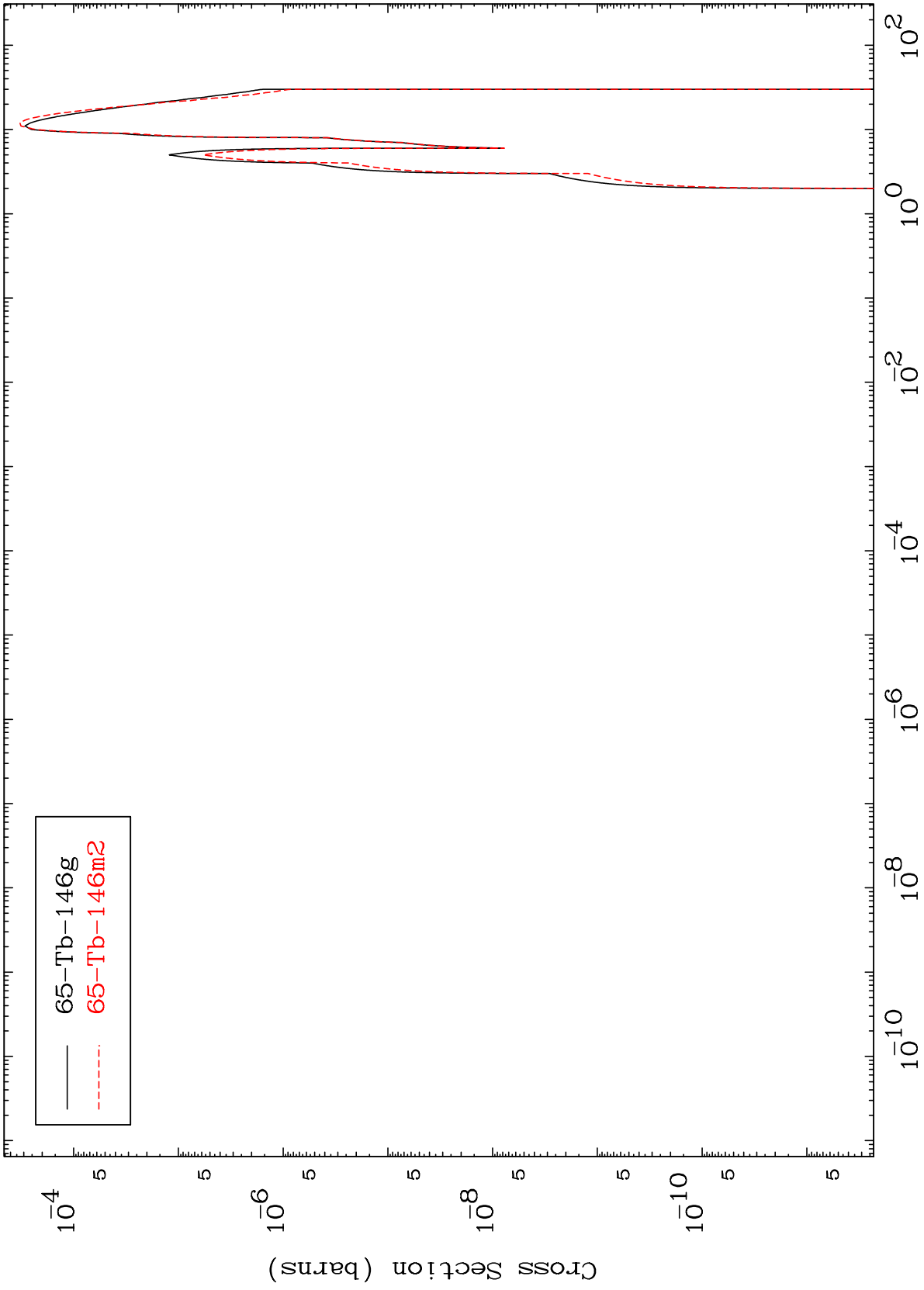
Incident Energy (MeV)

⁶⁴Gd-144

MAT 6401

Radionuclide Production Cross Section
(d, γ)

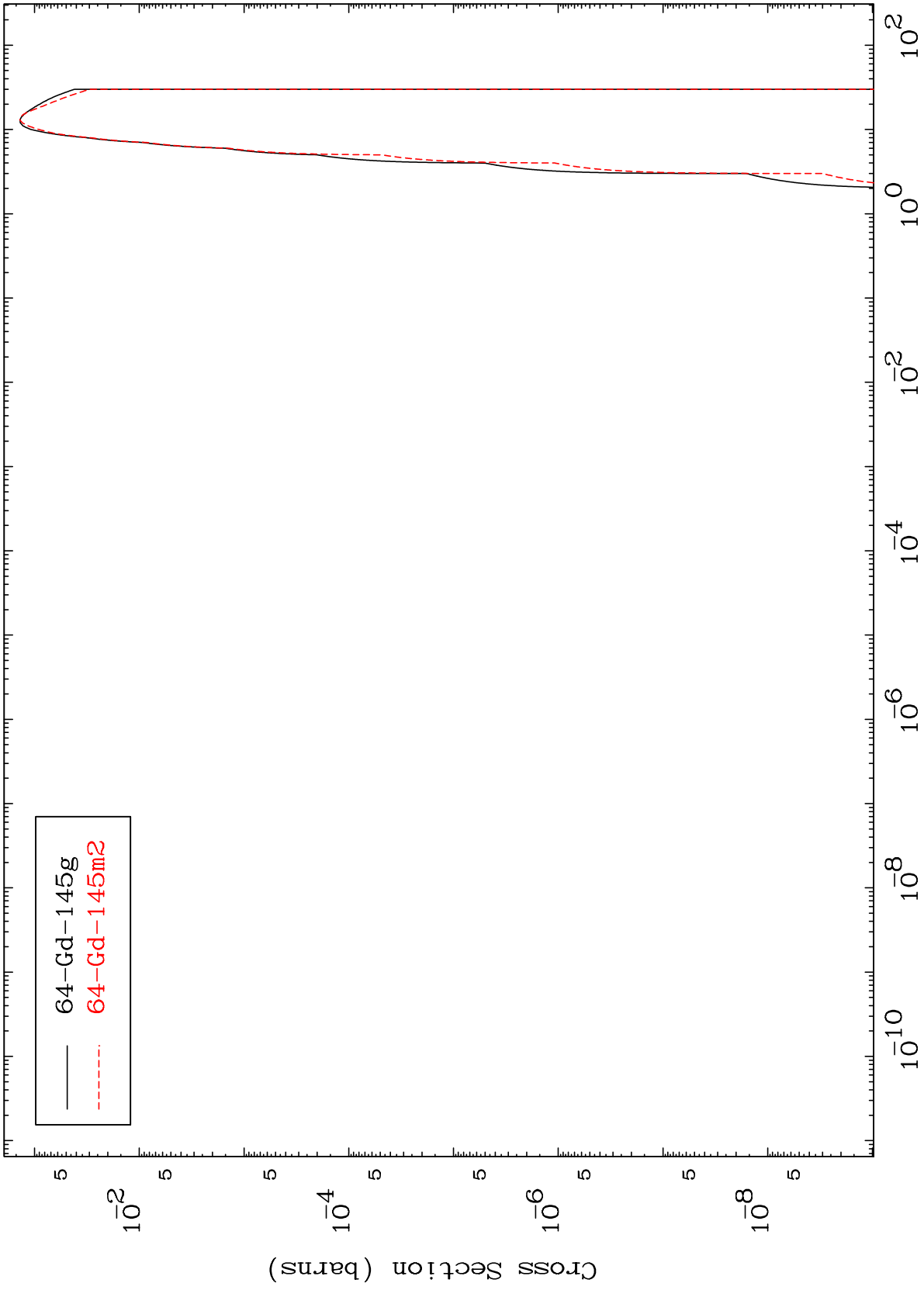
64-Gd-144



MAT 6401

(d,p)
Radionuclide Production Cross Section

64-Gd-144

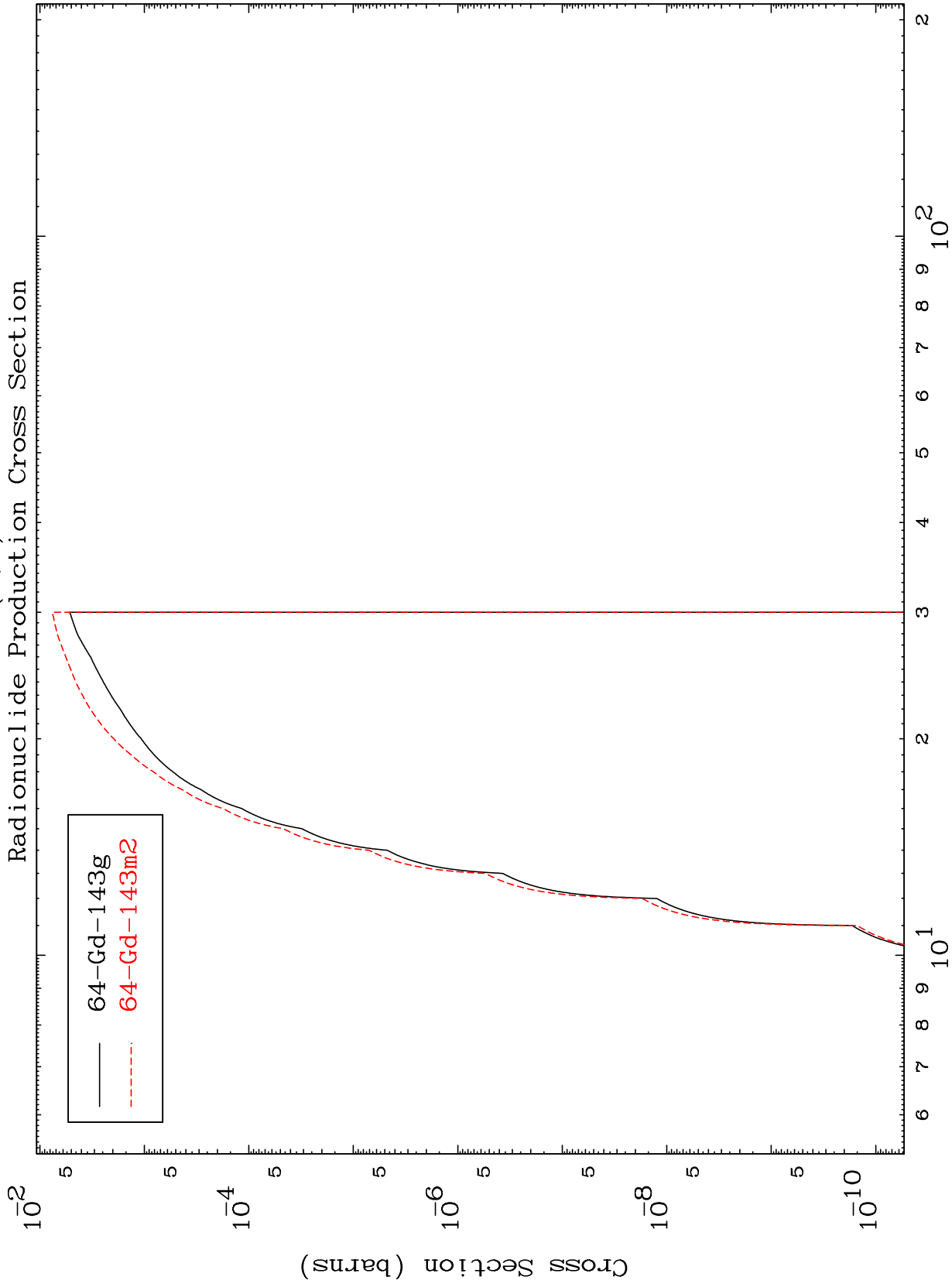


64-Gd-144

MAT 6401

64-Gd-144

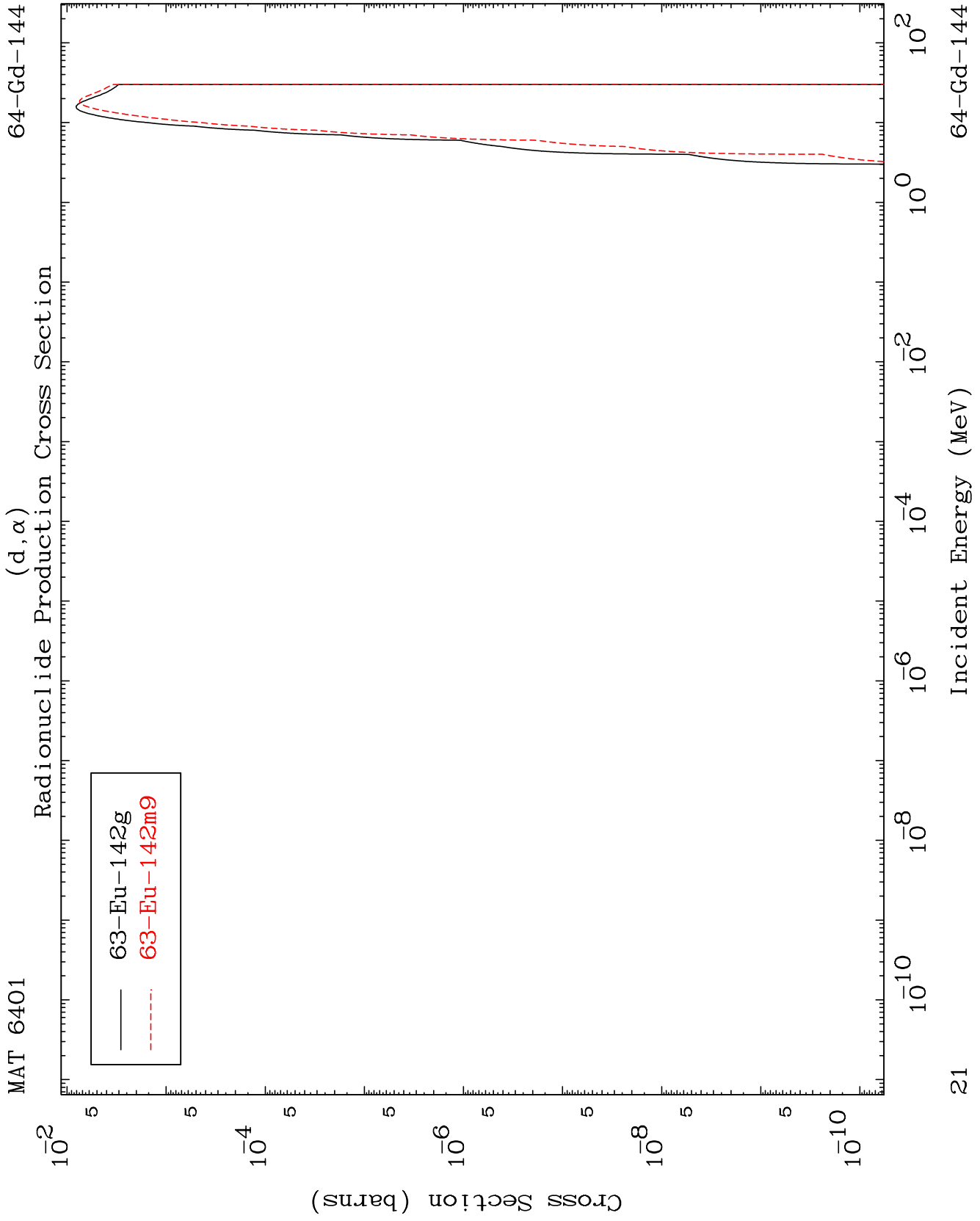
(d, t)
Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

20

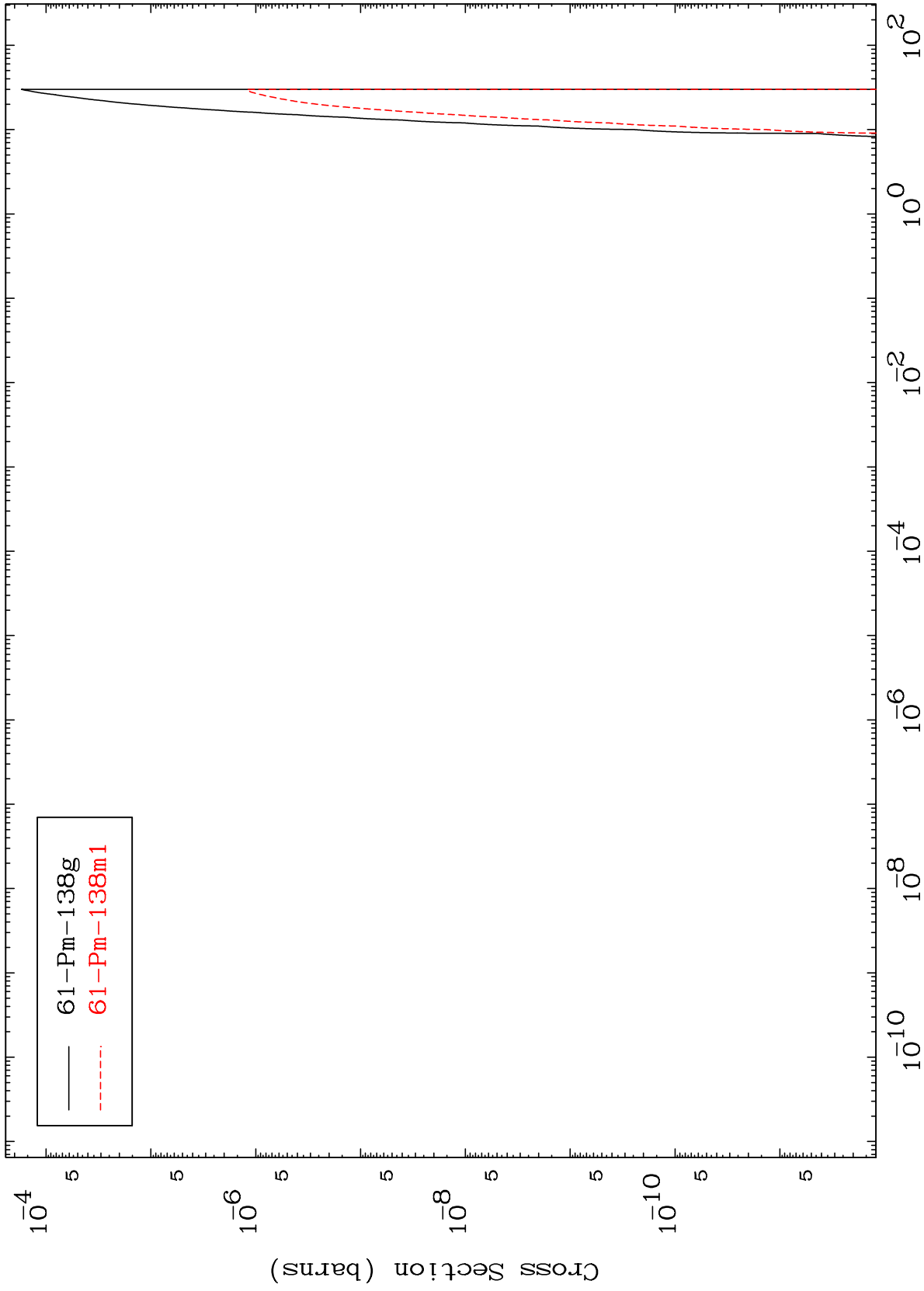
64-Gd-144



MAT 6401

Radionuclide Production Cross Section
(d,2α)

64-Gd-144



22

Incident Energy (MeV)

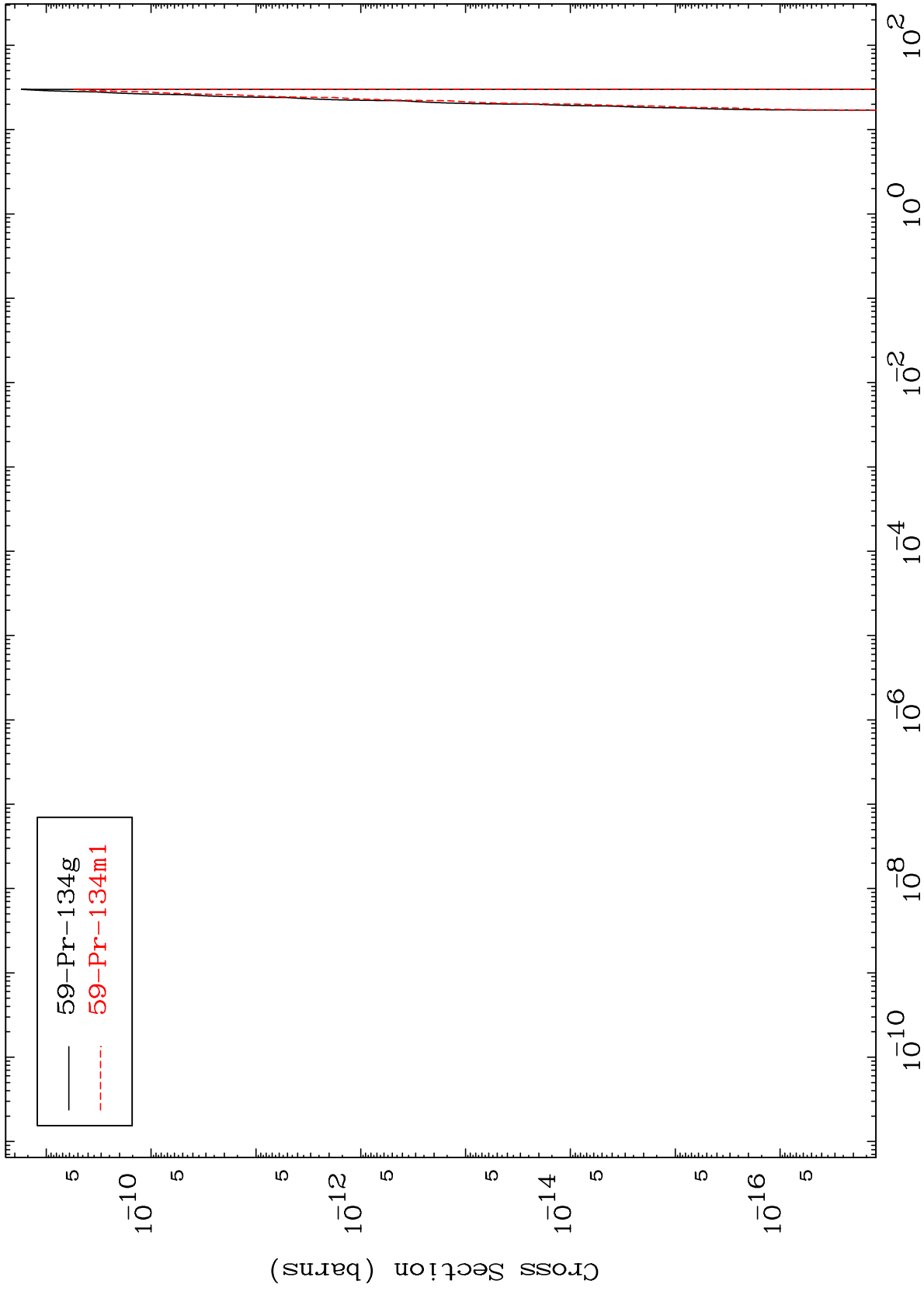
64-Gd-144

MAT 6401

(d,3 α)

64-Gd-144

Radionuclide Production Cross Section



23

Incident Energy (MeV)

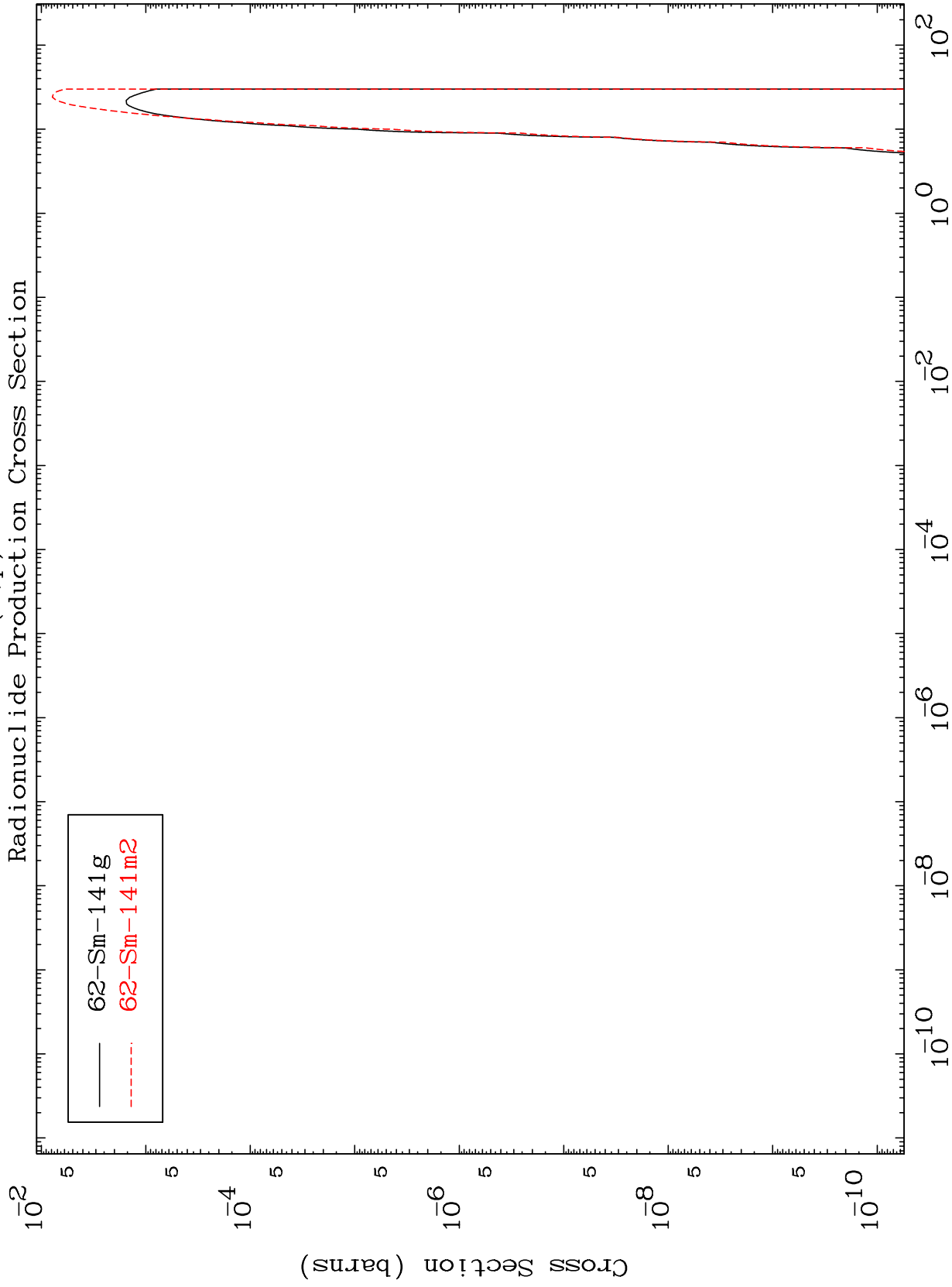
64-Gd-144

MAT 6401

(d,p) α

64-Gd-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

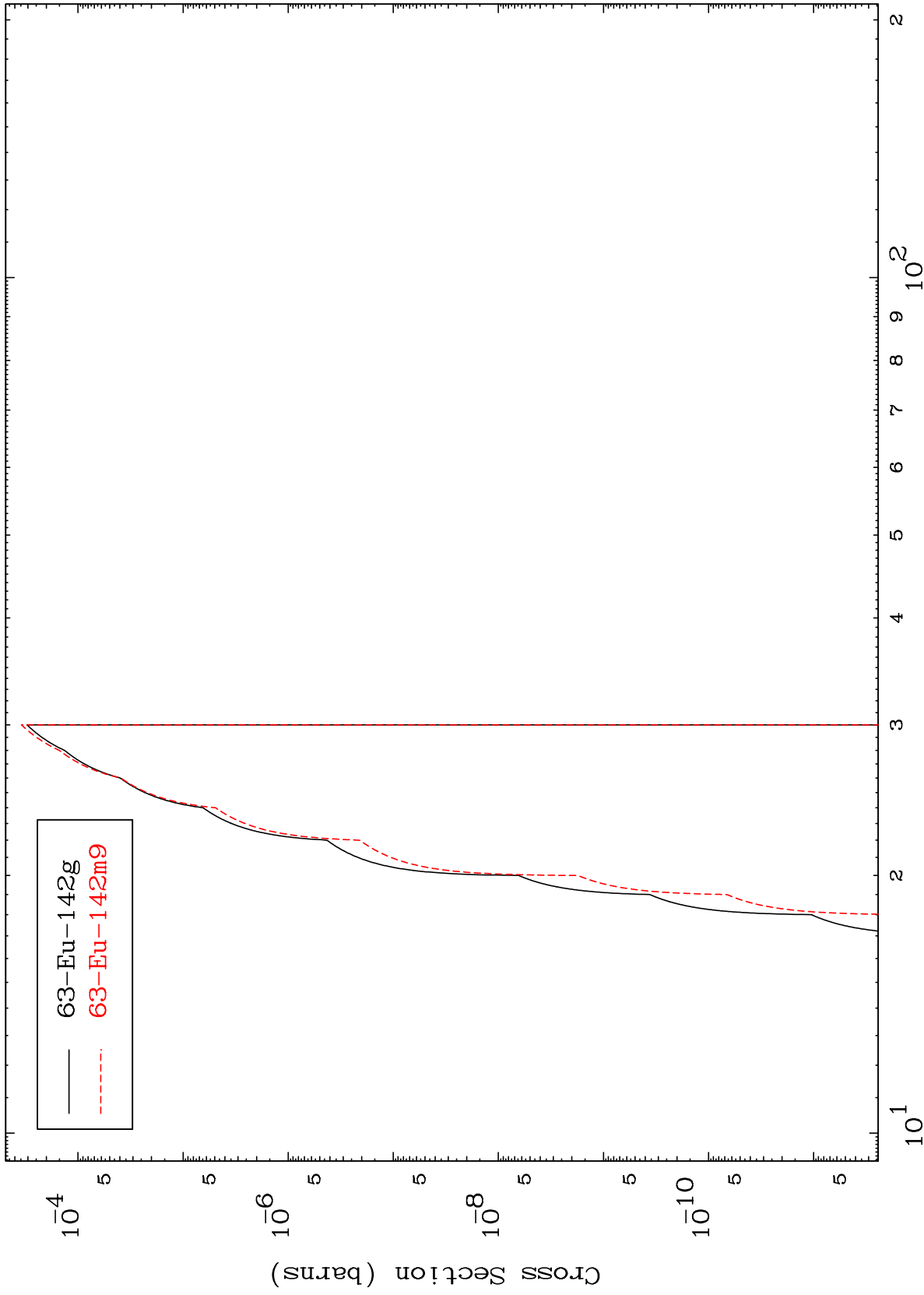
64-Gd-144

MAT 6401

(d,p) t

64-Gd-144

Radionuclide Production Cross Section



25

64-Gd-144