

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

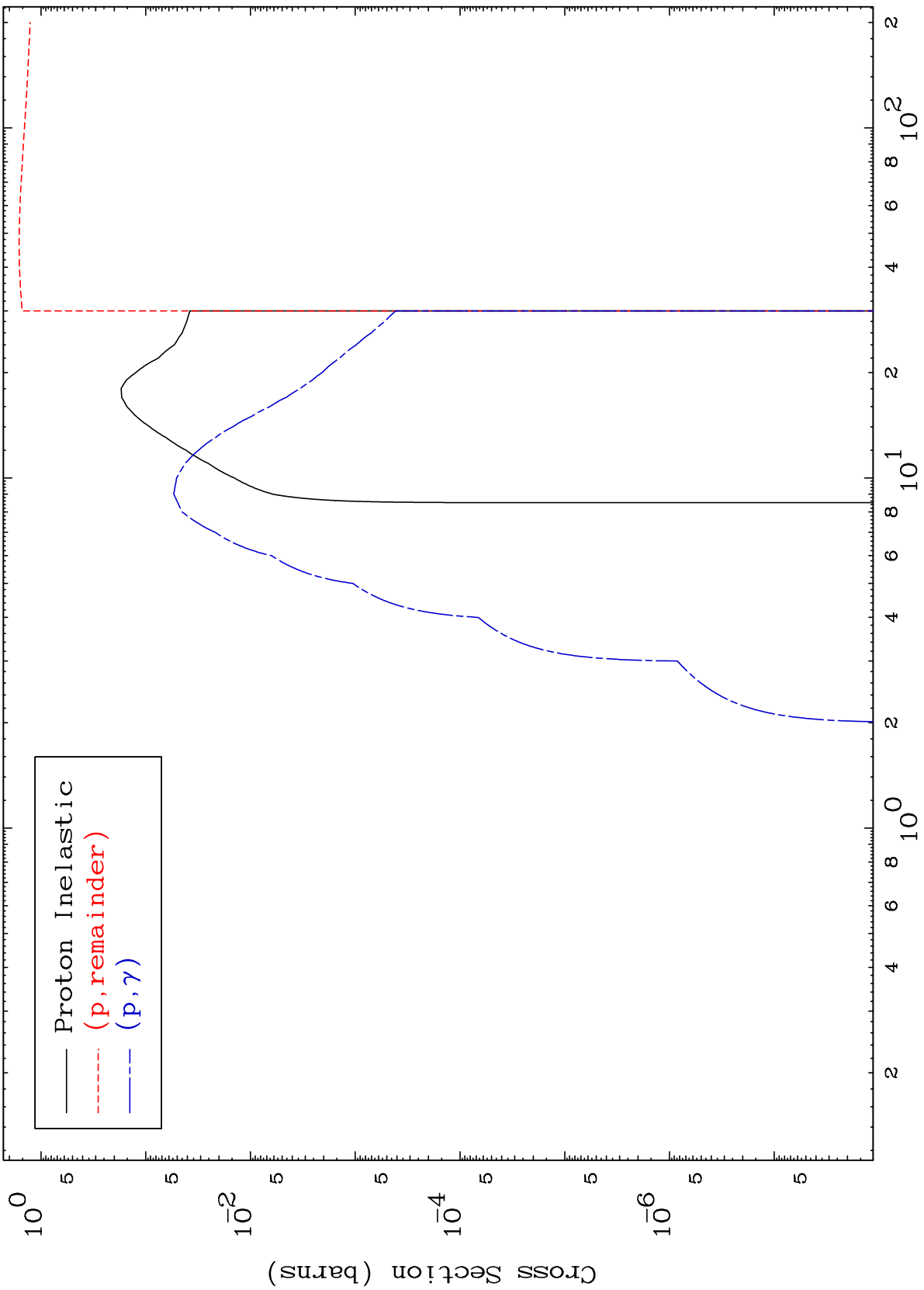
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6399

Proton Major
0 Kelvin Cross Sections

64-Gd-143

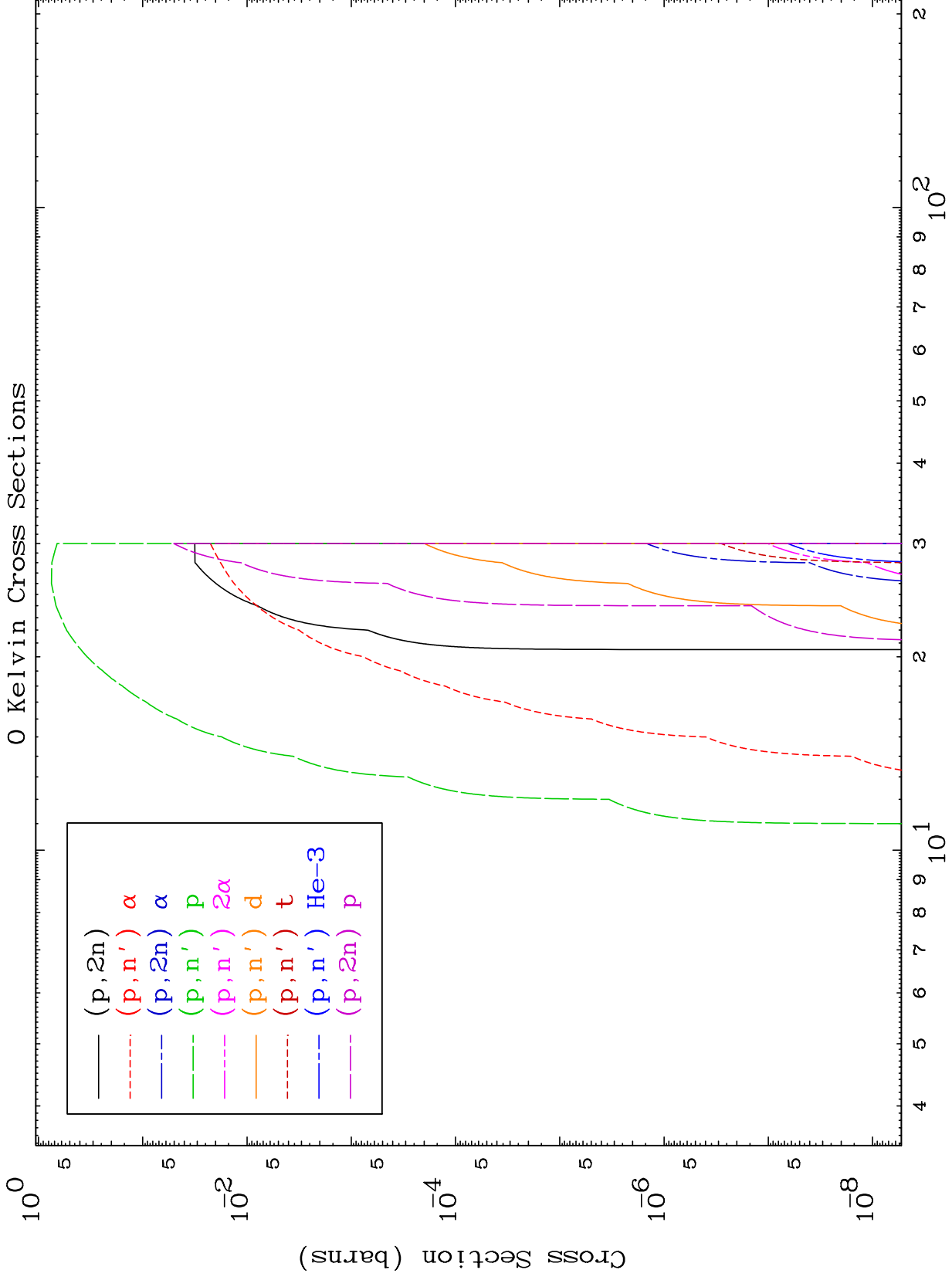


— Proton Inelastic
- - - (p, remainder)
- · - (p, γ)

64-Gd-143

Incident Energy (MeV)

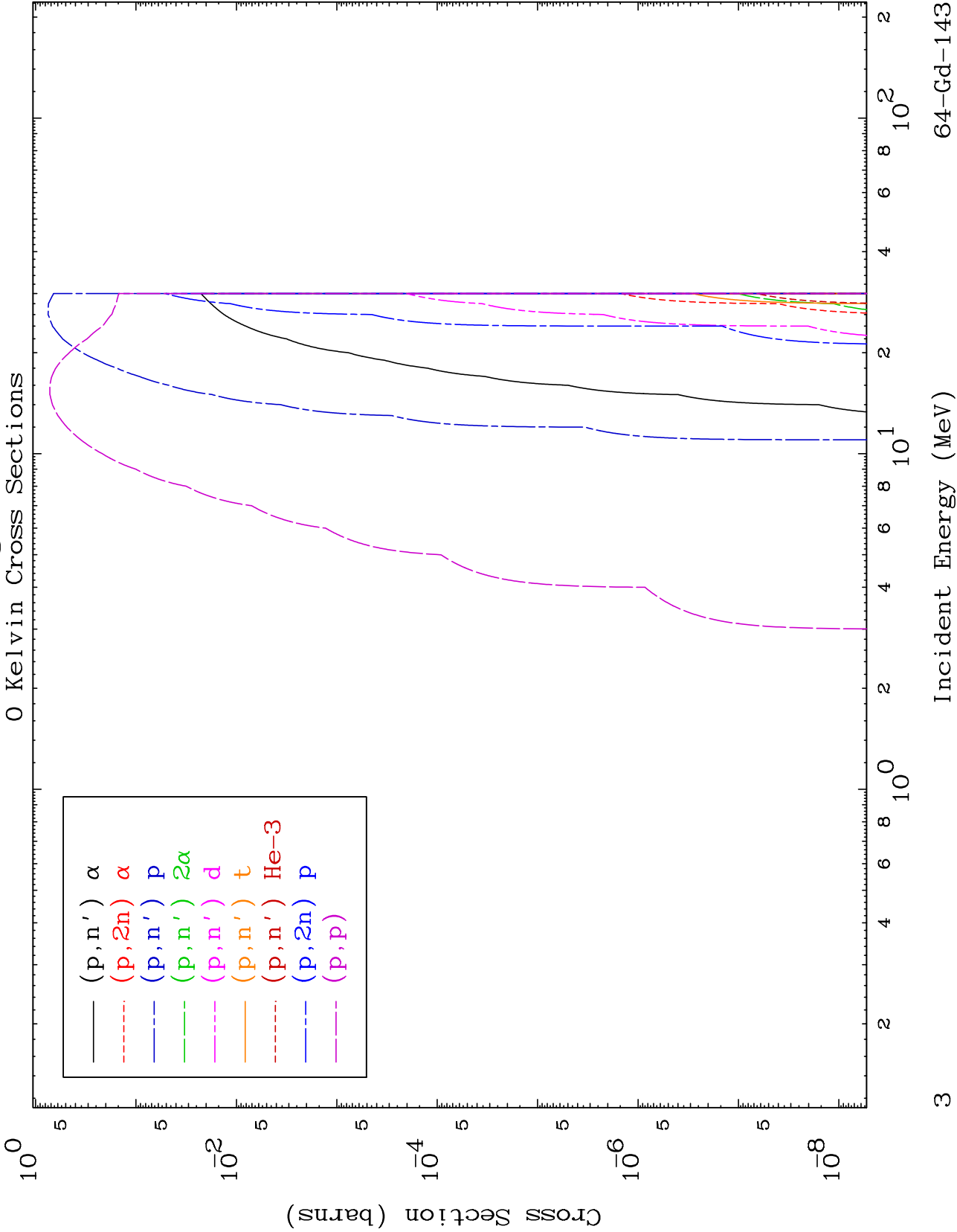
1



MAT 6399

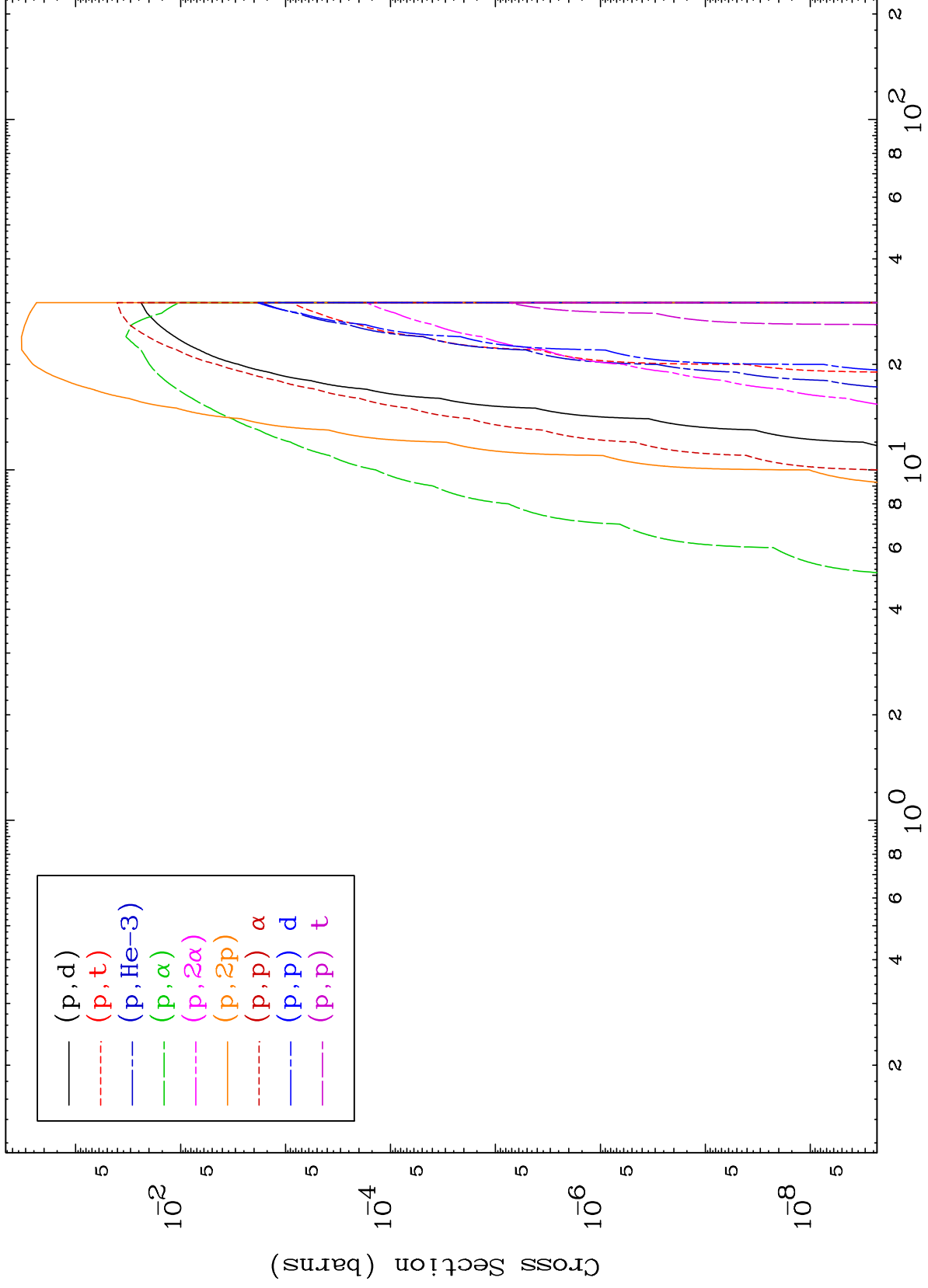
Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-143



64-Gd-143

Incident Energy (MeV)

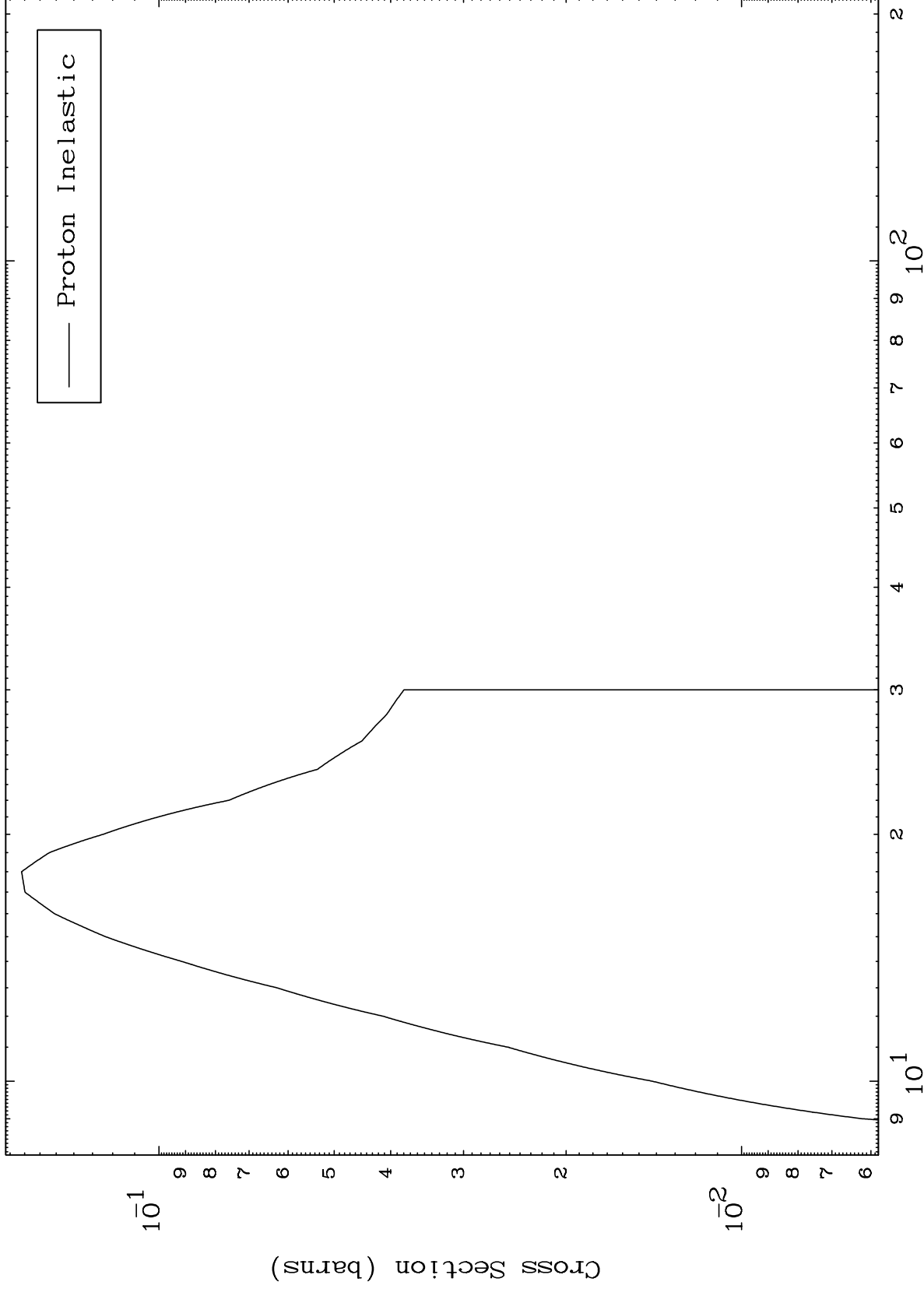


MAT 6399

(p,n') Level

64-Gd-143

0 Kelvin Cross Sections



— Proton Inelastic

5

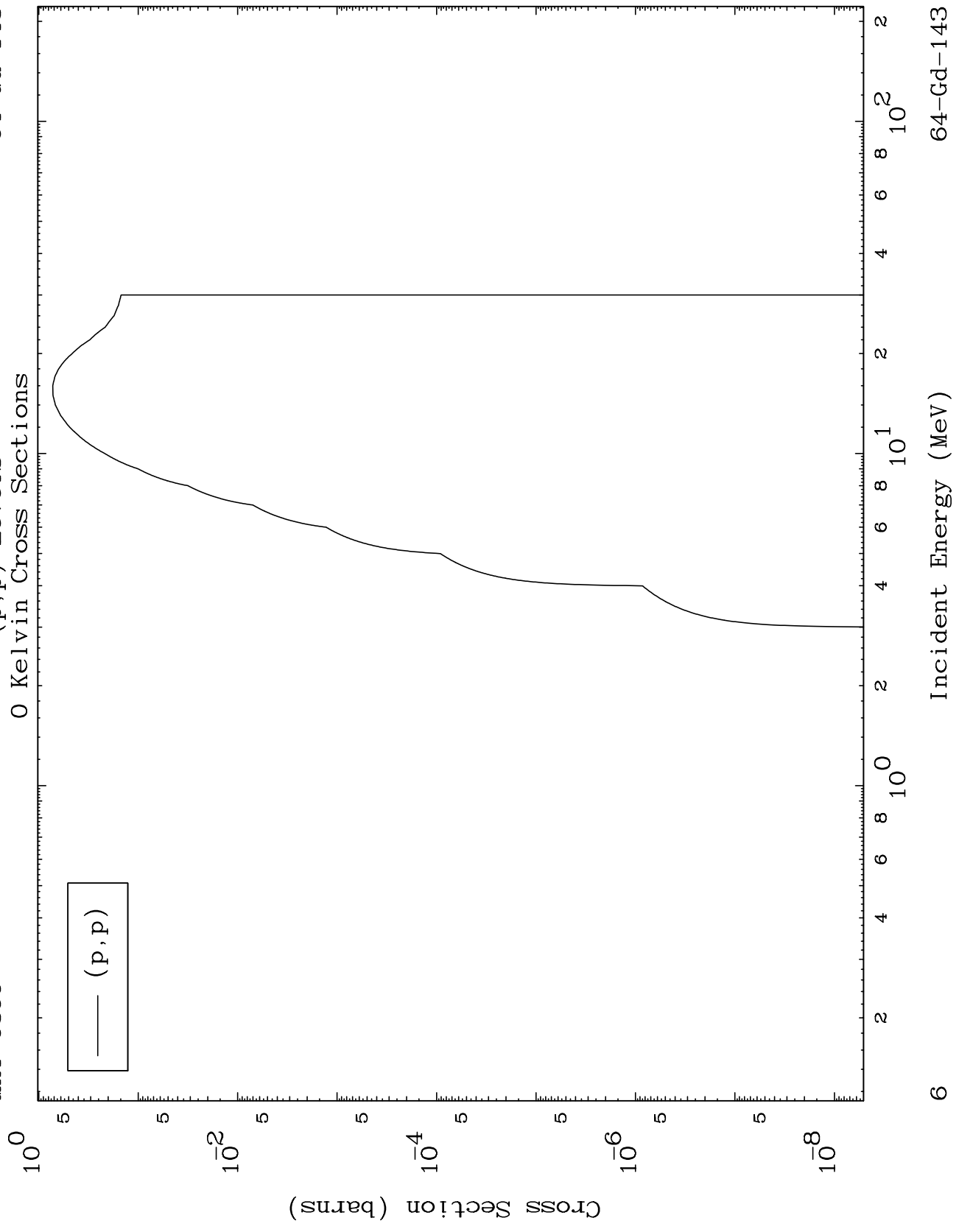
Incident Energy (MeV)

64-Gd-143

MAT 6399

(p,p) Levels

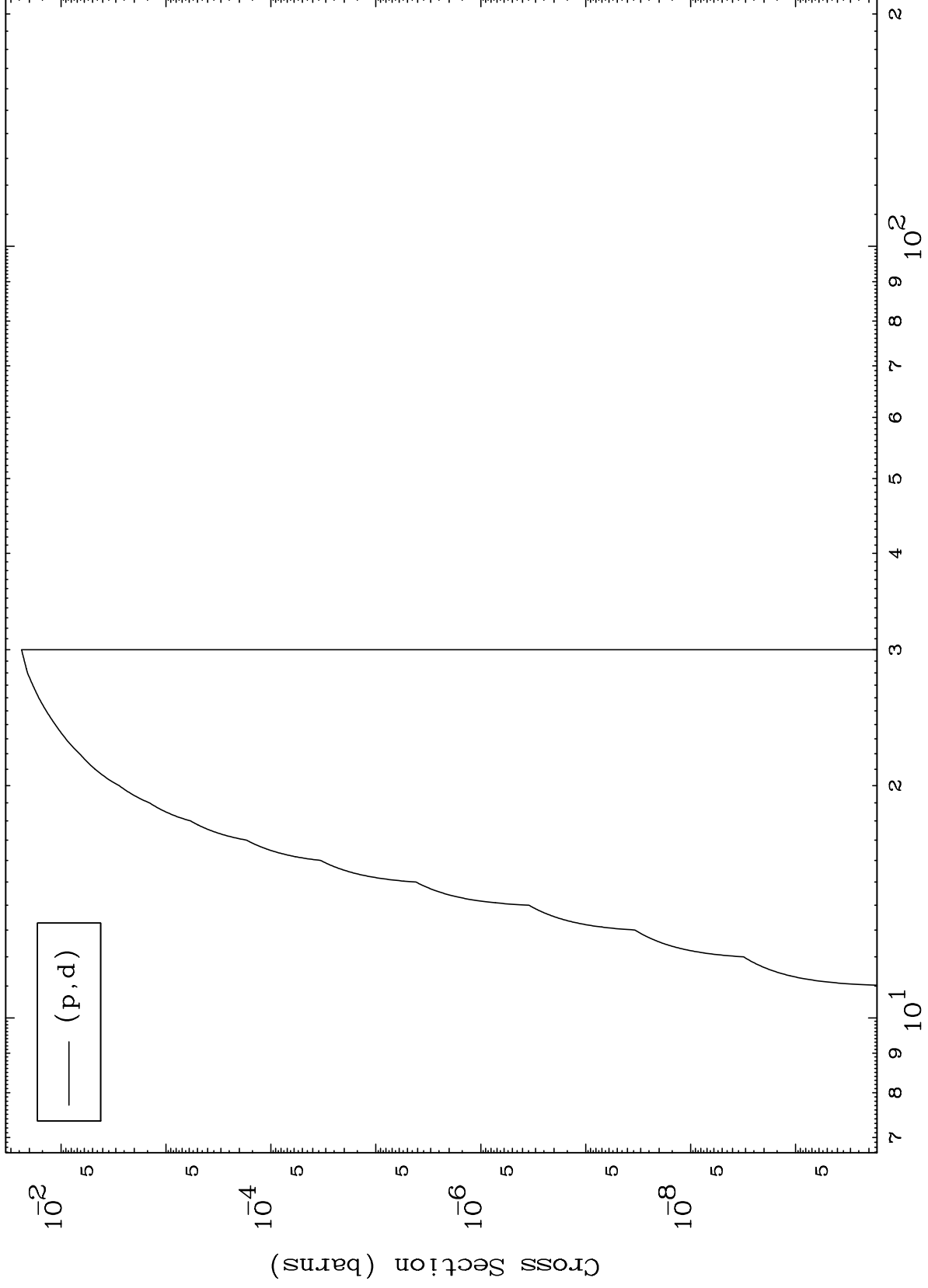
64-Gd-143



MAT 6399

(p,d) Levels
0 Kelvin Cross Sections

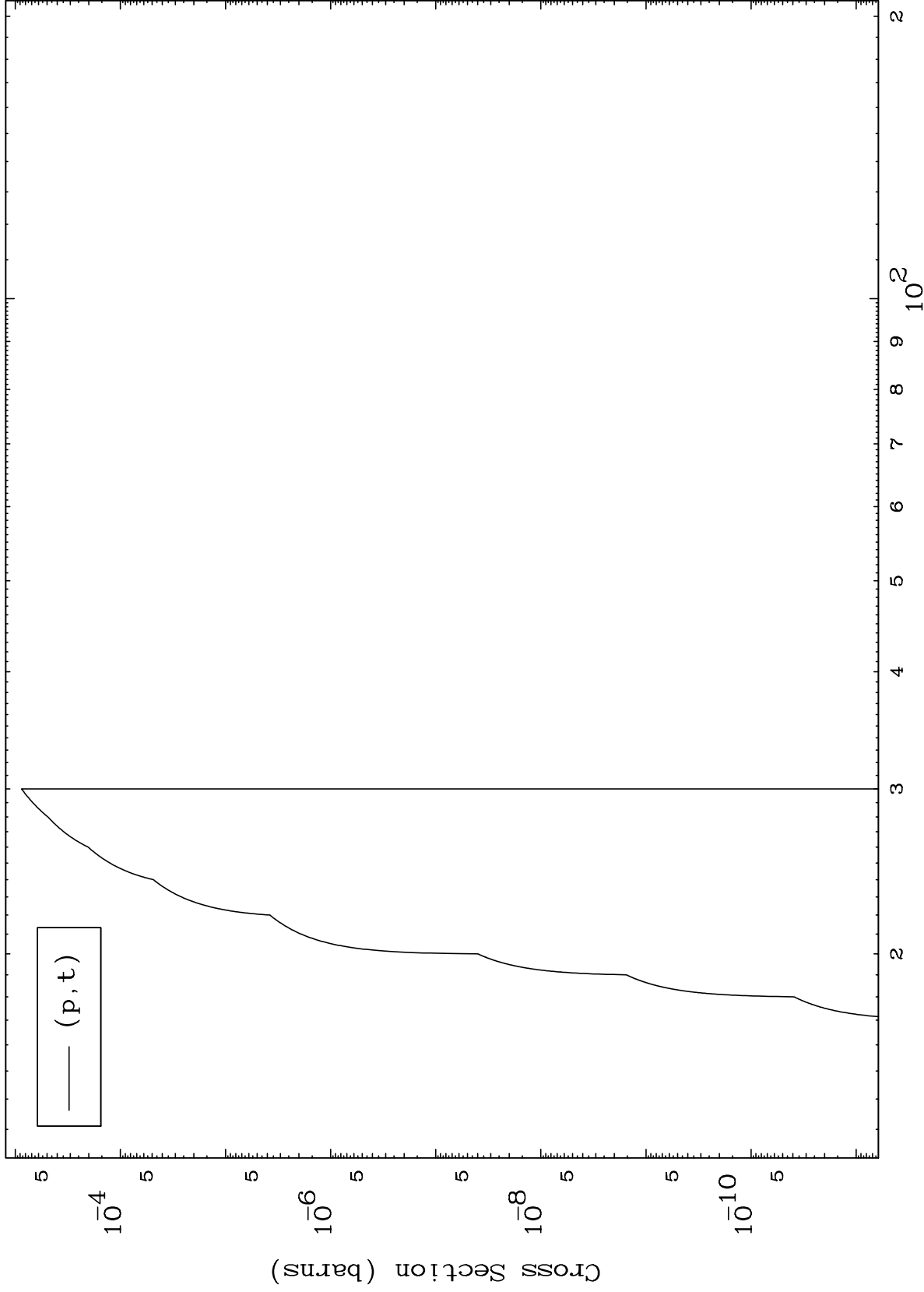
64-Gd-143



7

Incident Energy (MeV)

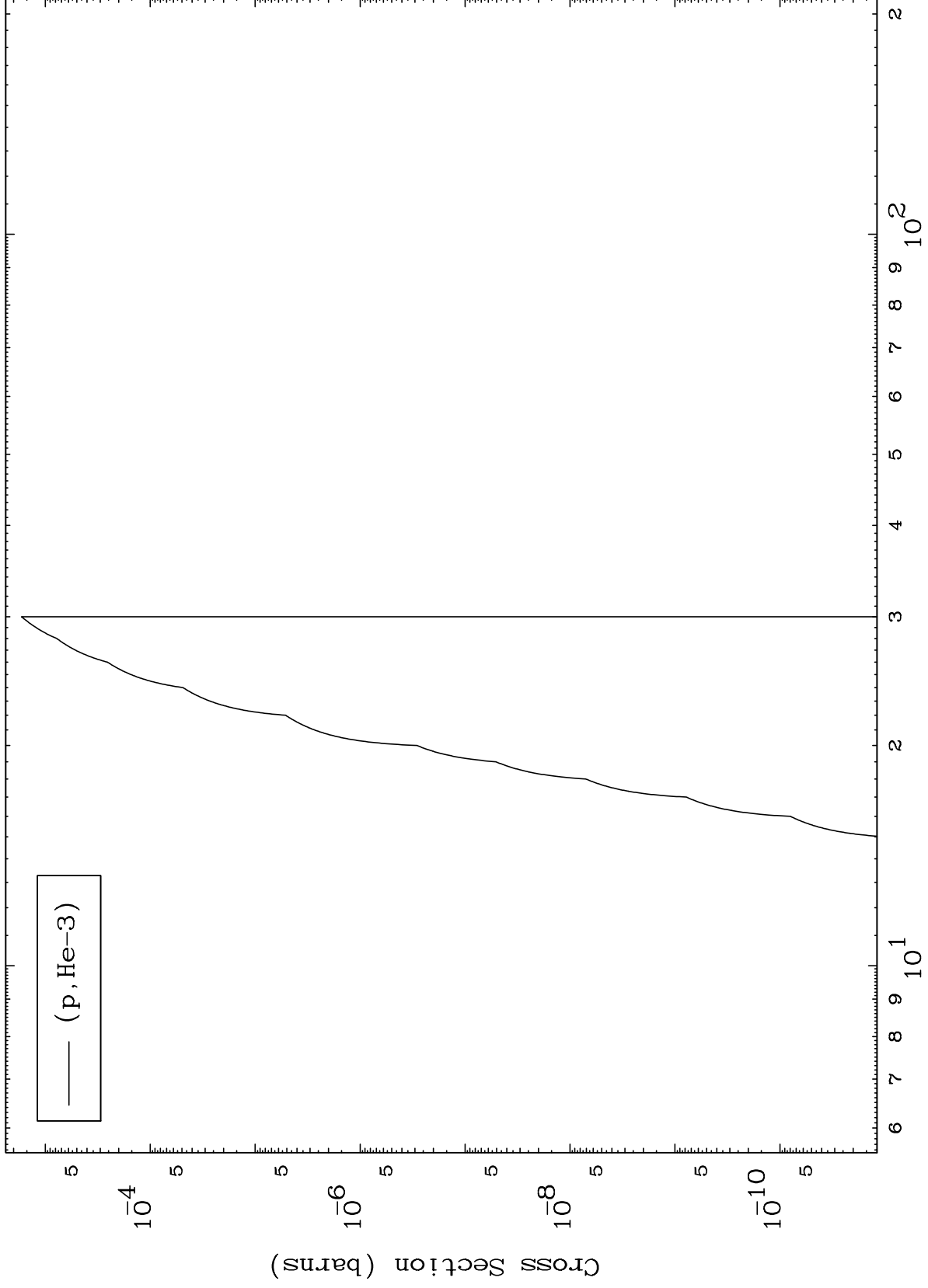
64-Gd-143



MAT 6399

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-143



9

Incident Energy (MeV)

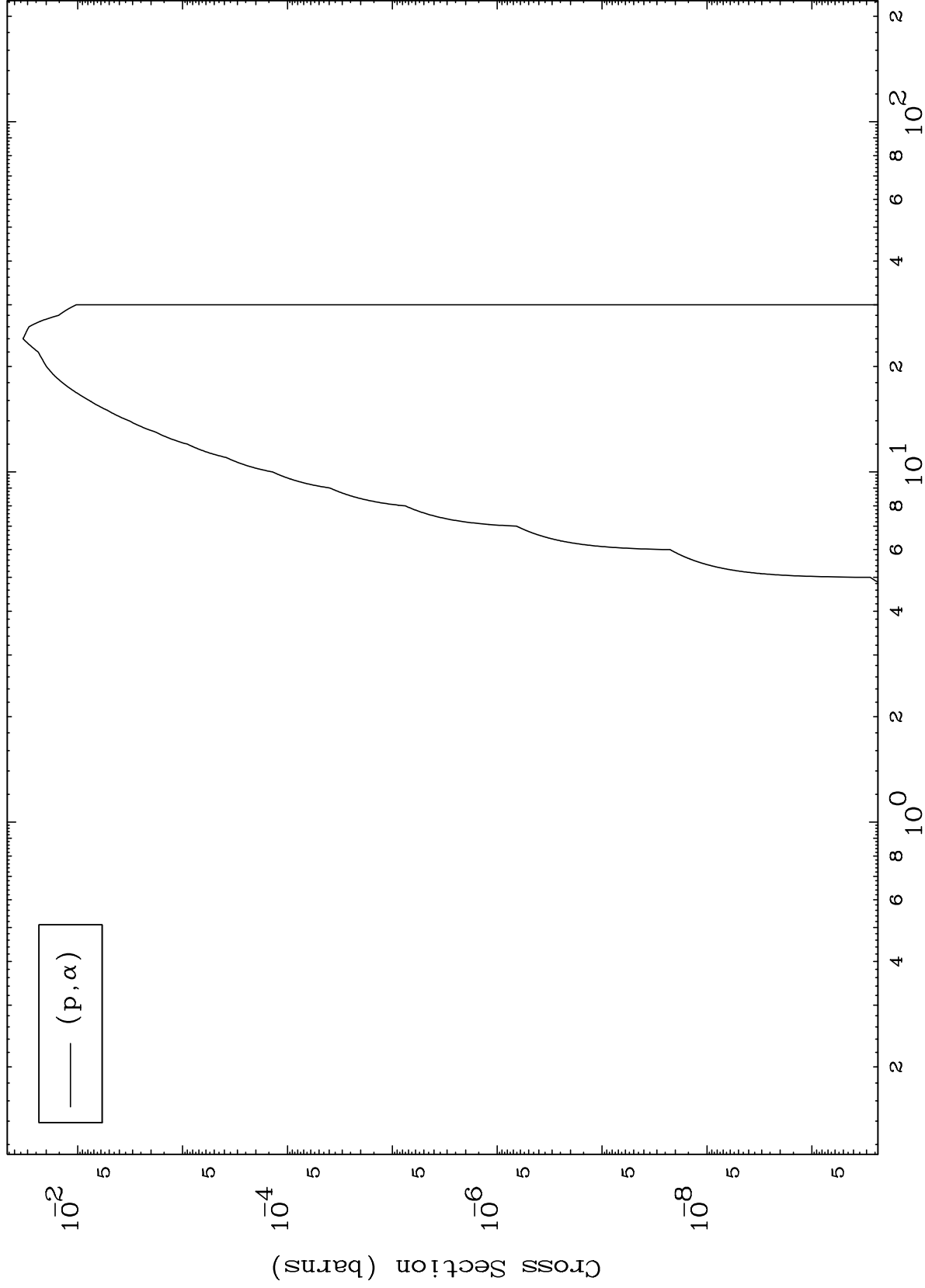
64-Gd-143

MAT 6399

(p, α) Levels

64-Gd-143

0 Kelvin Cross Sections



10

Incident Energy (MeV)

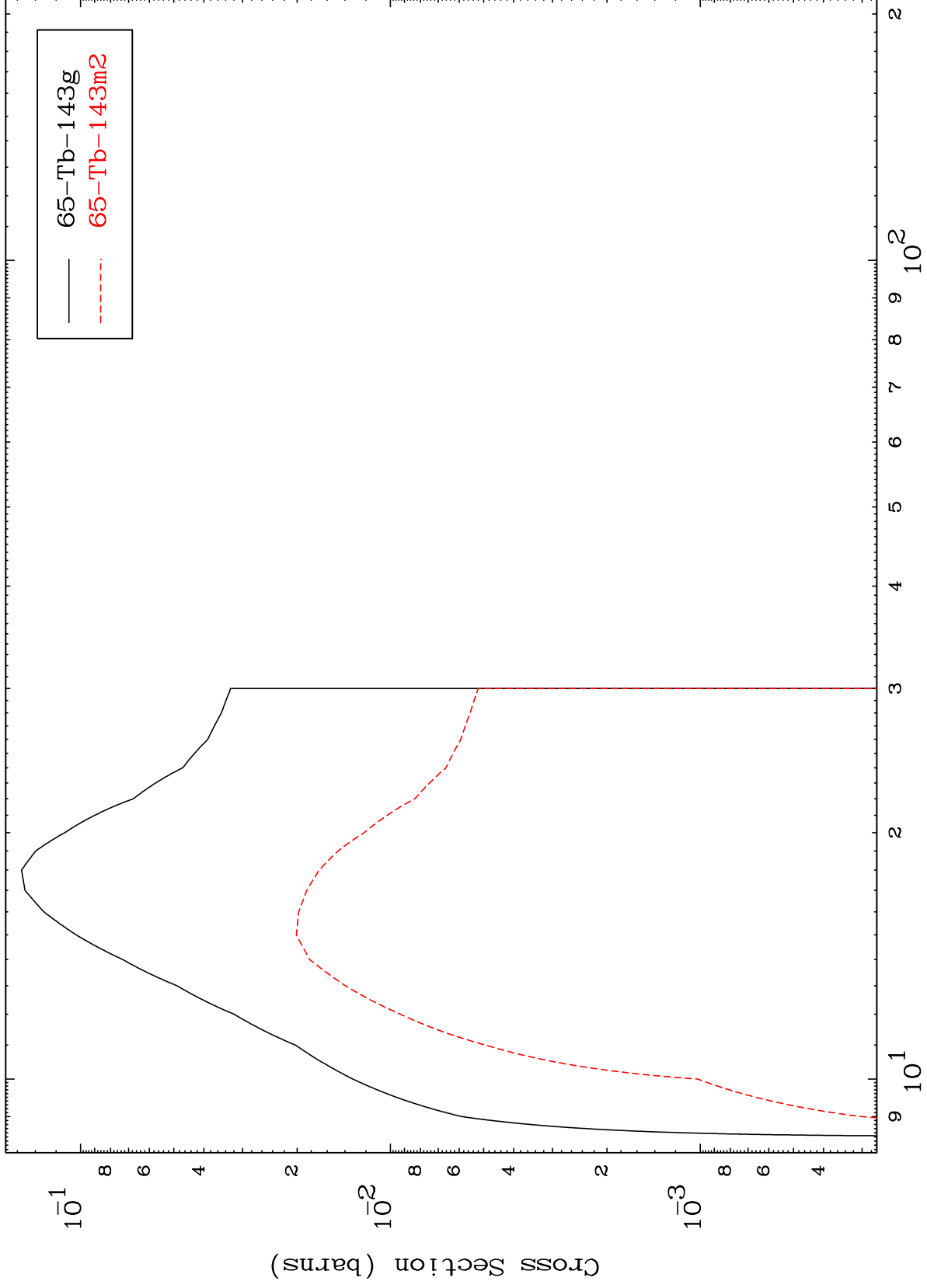
64-Gd-143

MAT 6399

Proton Inelastic

64-Gd-143

Radionuclide Production Cross Section



11

Incident Energy (MeV)

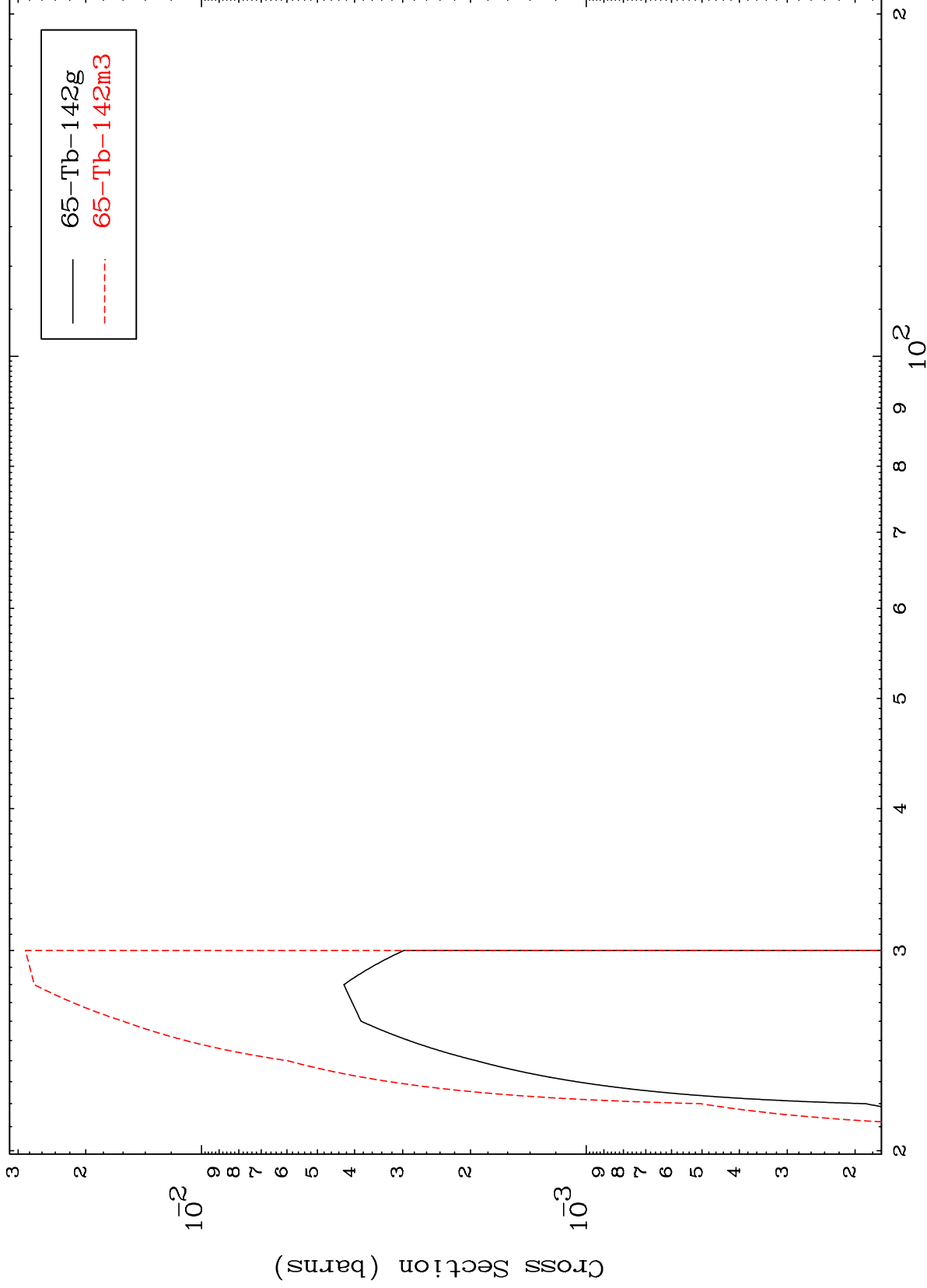
64-Gd-143

MAT 6399

(p,2n)

64-Gd-143

Radionuclide Production Cross Section



12

Incident Energy (MeV)

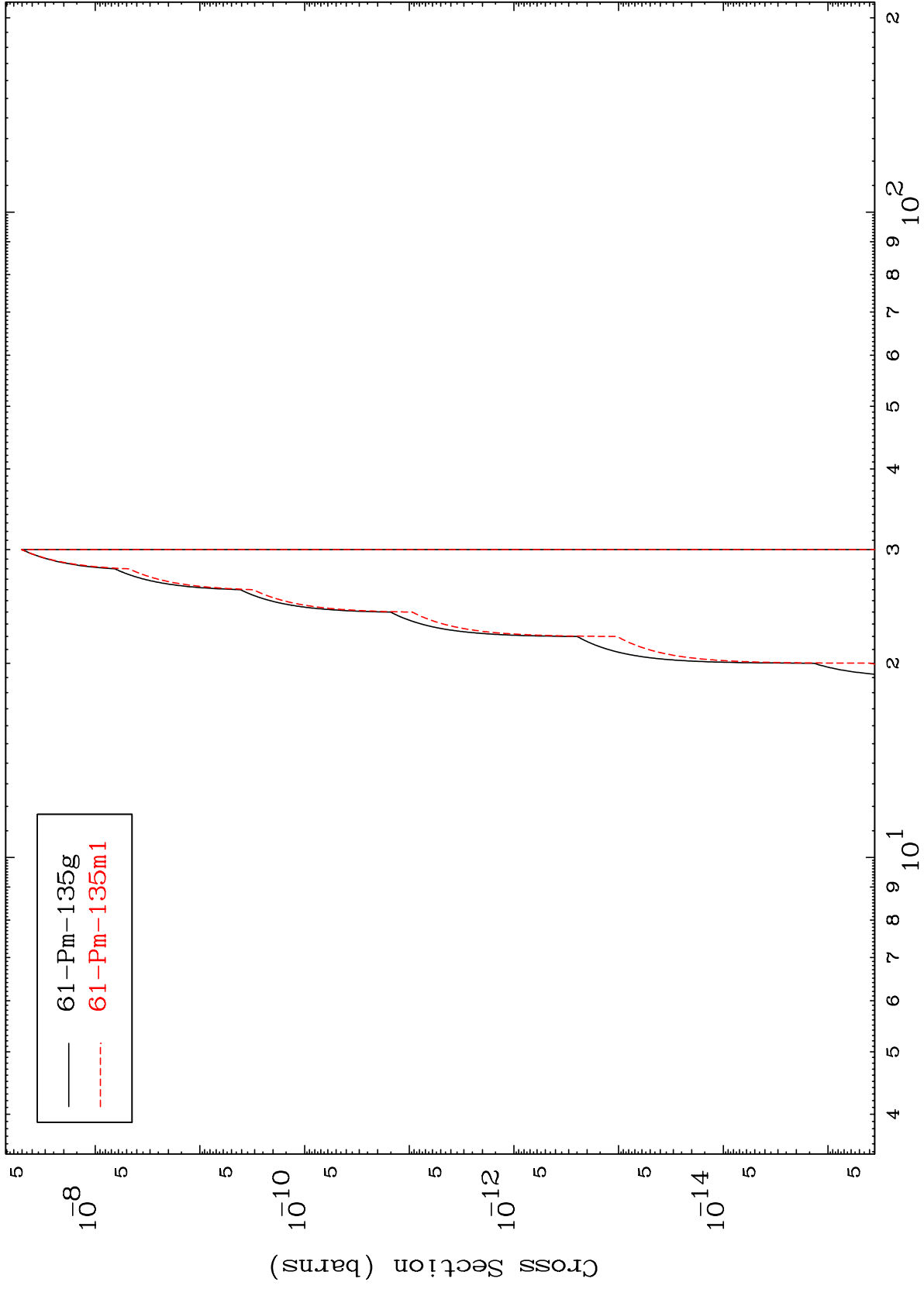
64-Gd-143

MAT 6399

(p,n') 2 α

64-Gd-143

Radionuclide Production Cross Section



61-Pm-135g
61-Pm-135m1

13

Incident Energy (MeV)

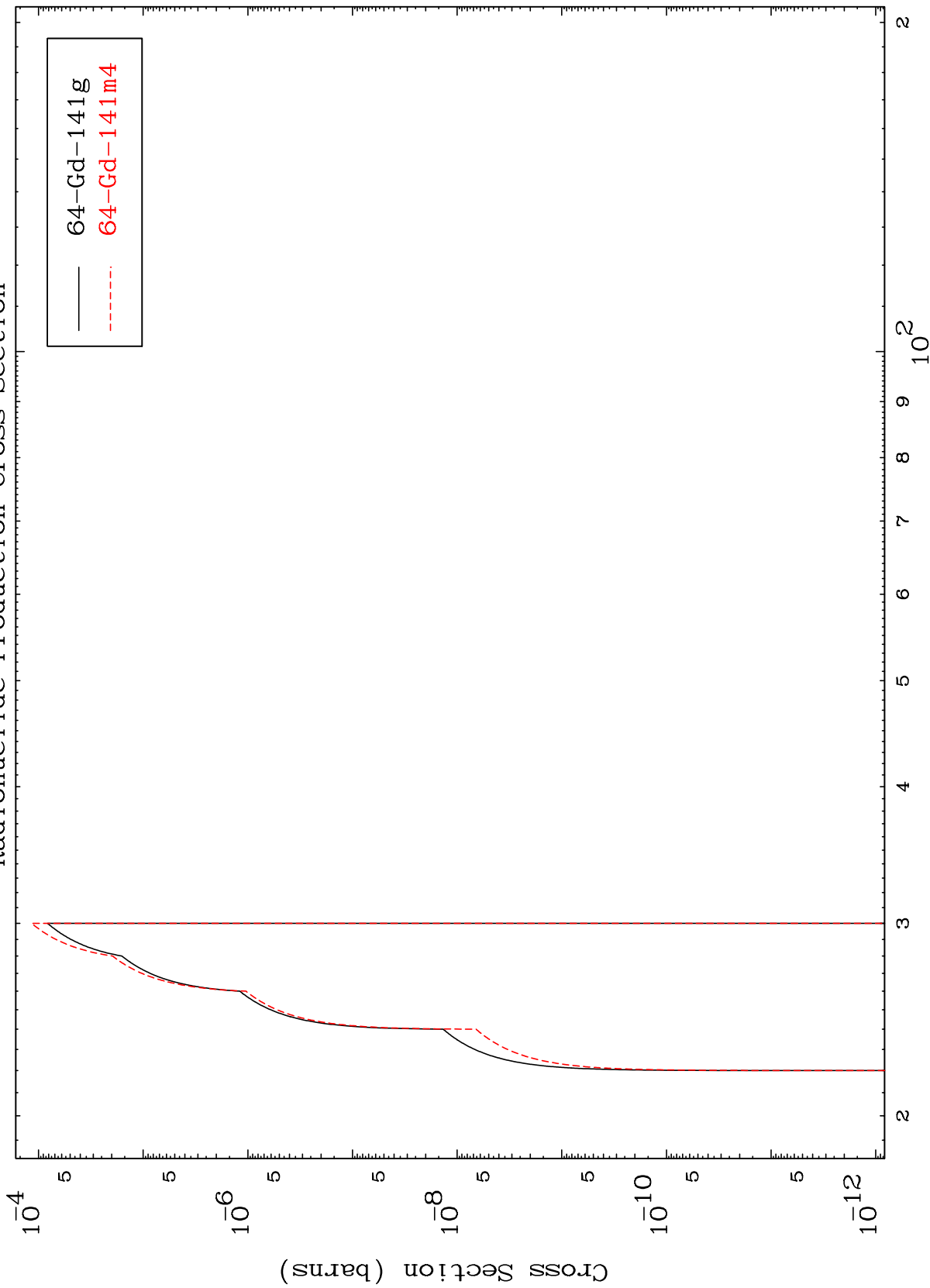
64-Gd-143

MAT 6399

(p,n') d

64-Gd-143

Radionuclide Production Cross Section



14

Incident Energy (MeV)

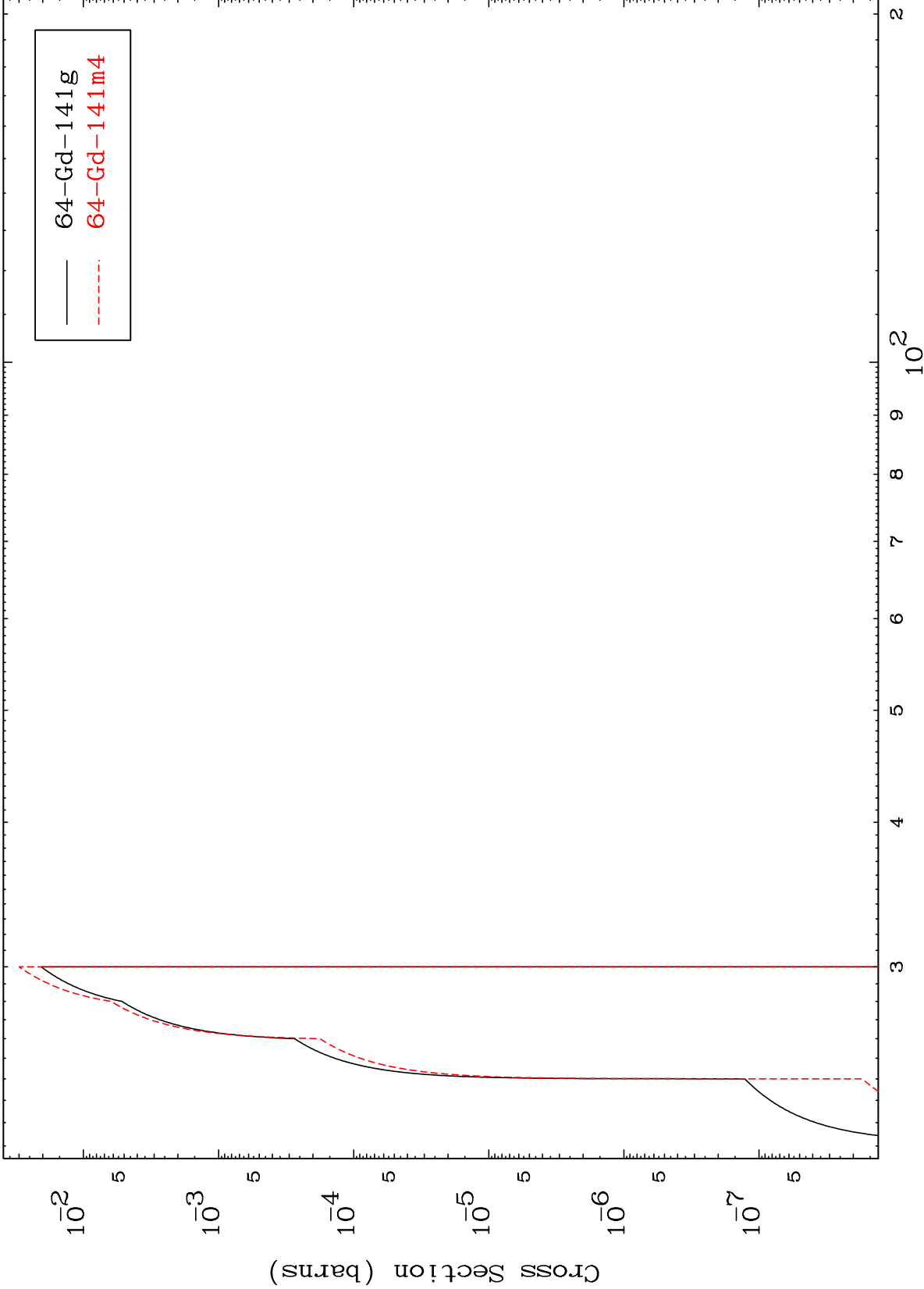
64-Gd-143

MAT 6399

(p,2n) p

64-Gd-143

Radionuclide Production Cross Section



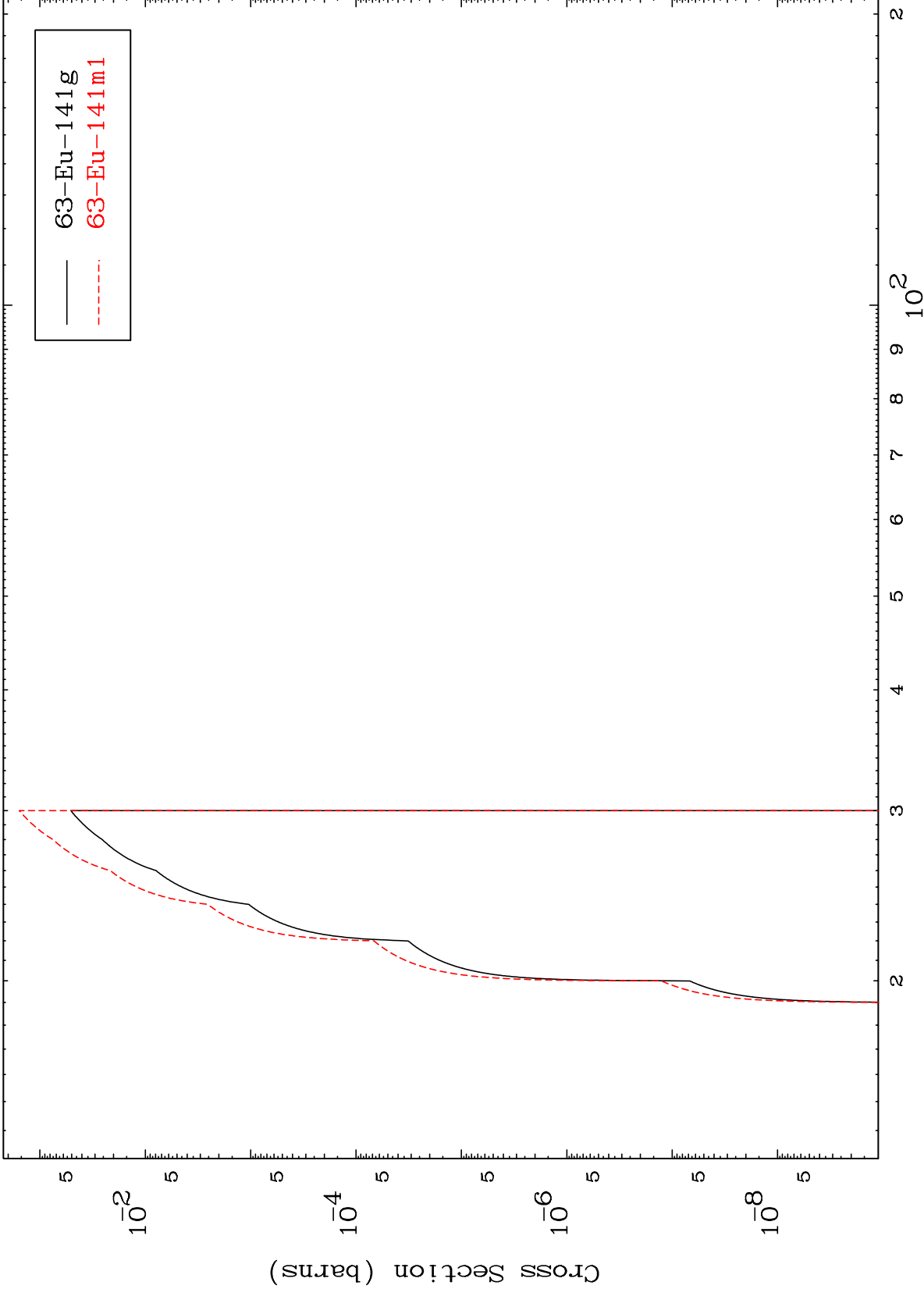
64-Gd-141g
64-Gd-141m4

15

Incident Energy (MeV)

64-Gd-143

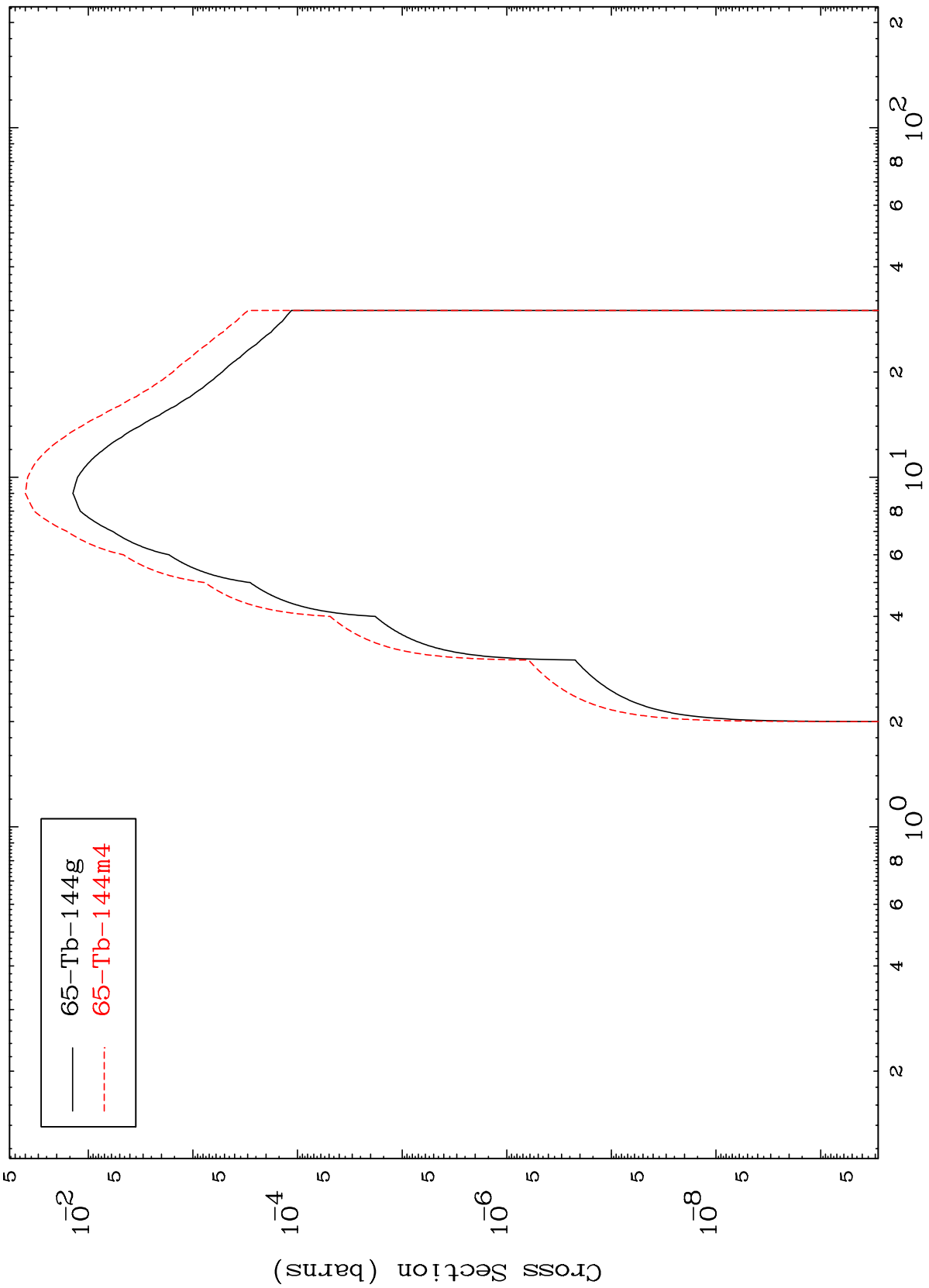
Radionuclide Production Cross Section



MAT 6399

64-Gd-143

(p, γ)
Radionuclide Production Cross Section

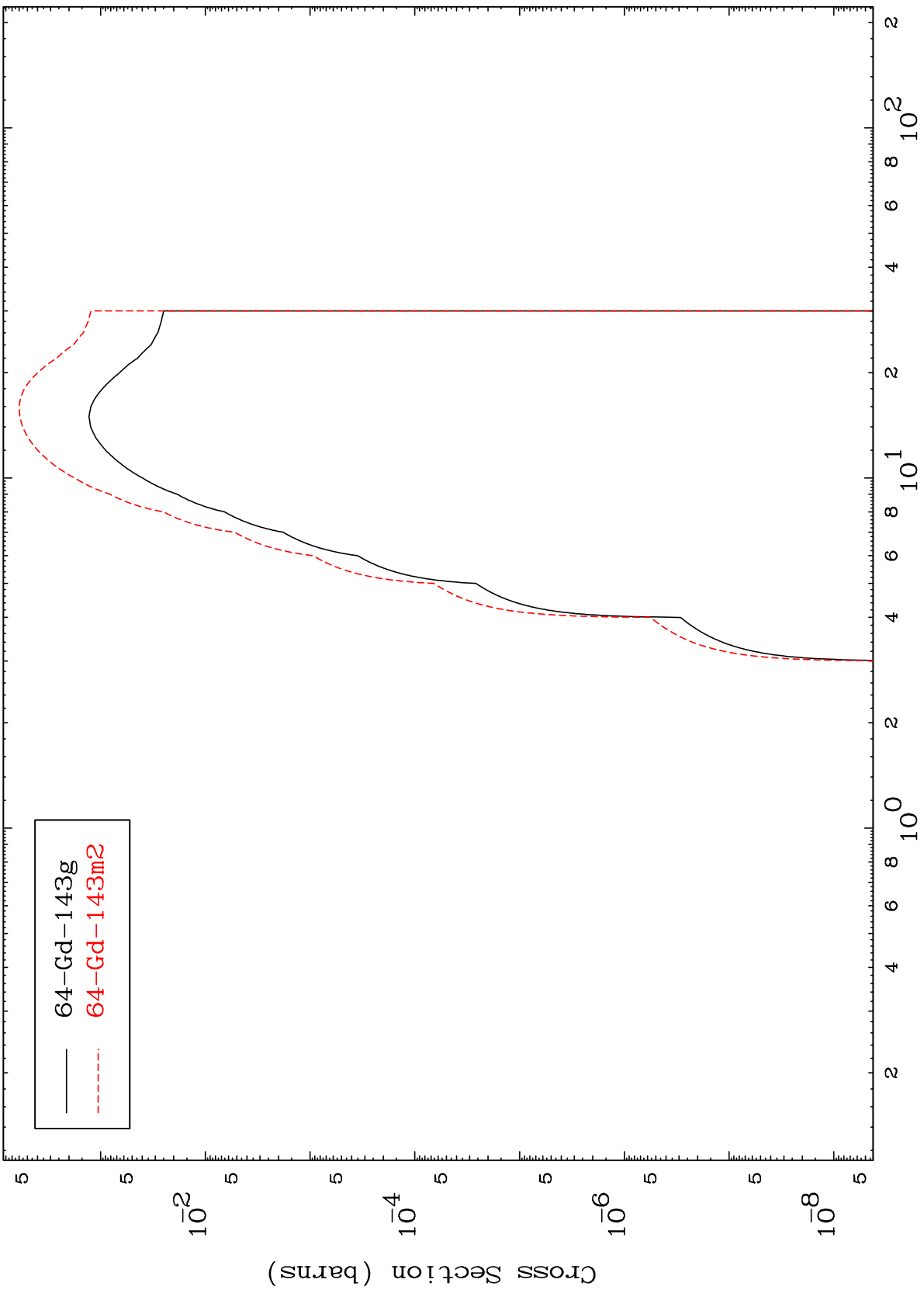


— 65-Tb-144g
- - - 65-Tb-144m4

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64-Gd-143

(p,p)
Radionuclide Production Cross Section



18

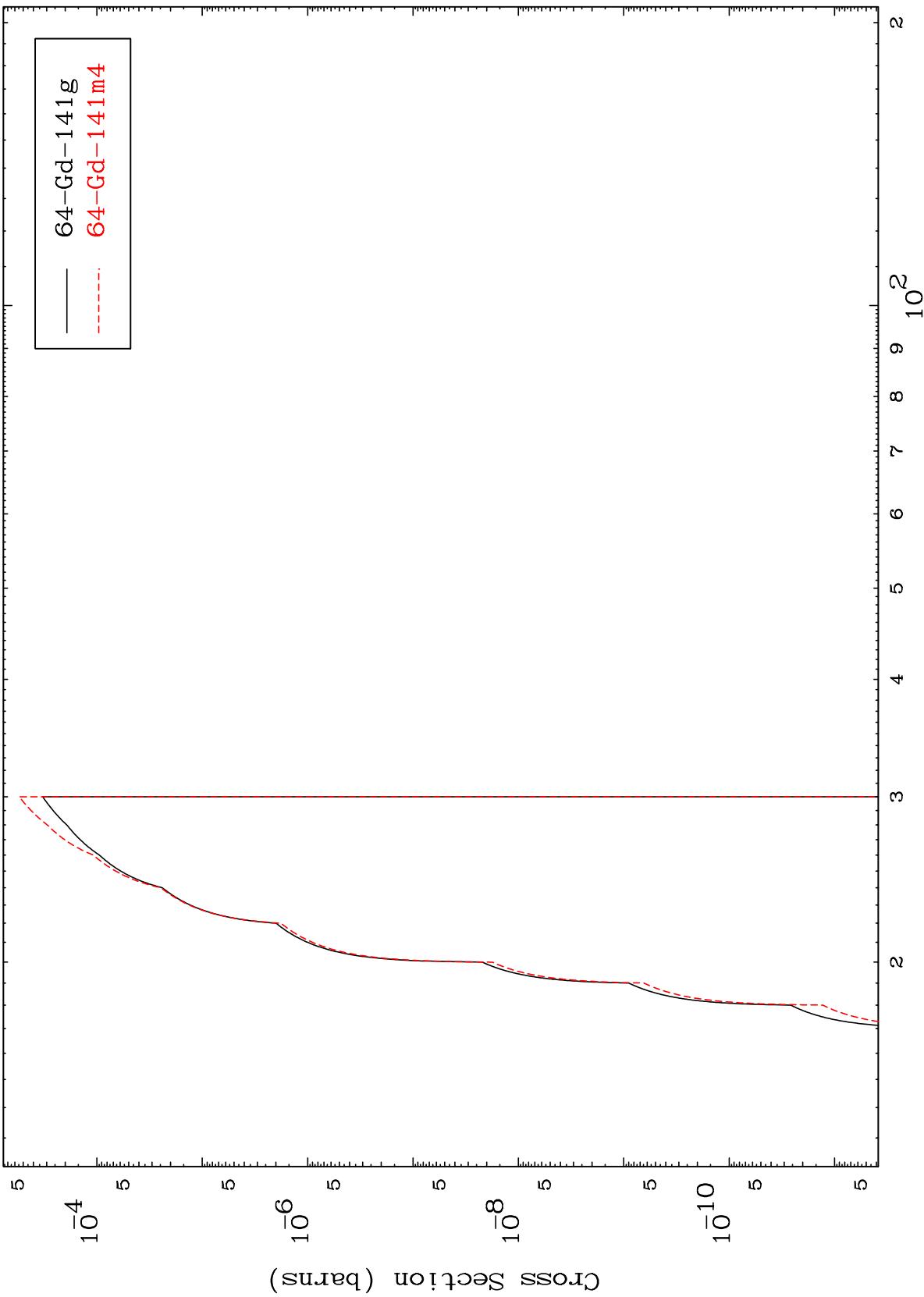
64-Gd-143

Incident Energy (MeV)

MAT 6399

64-Gd-143

(p, t)
Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

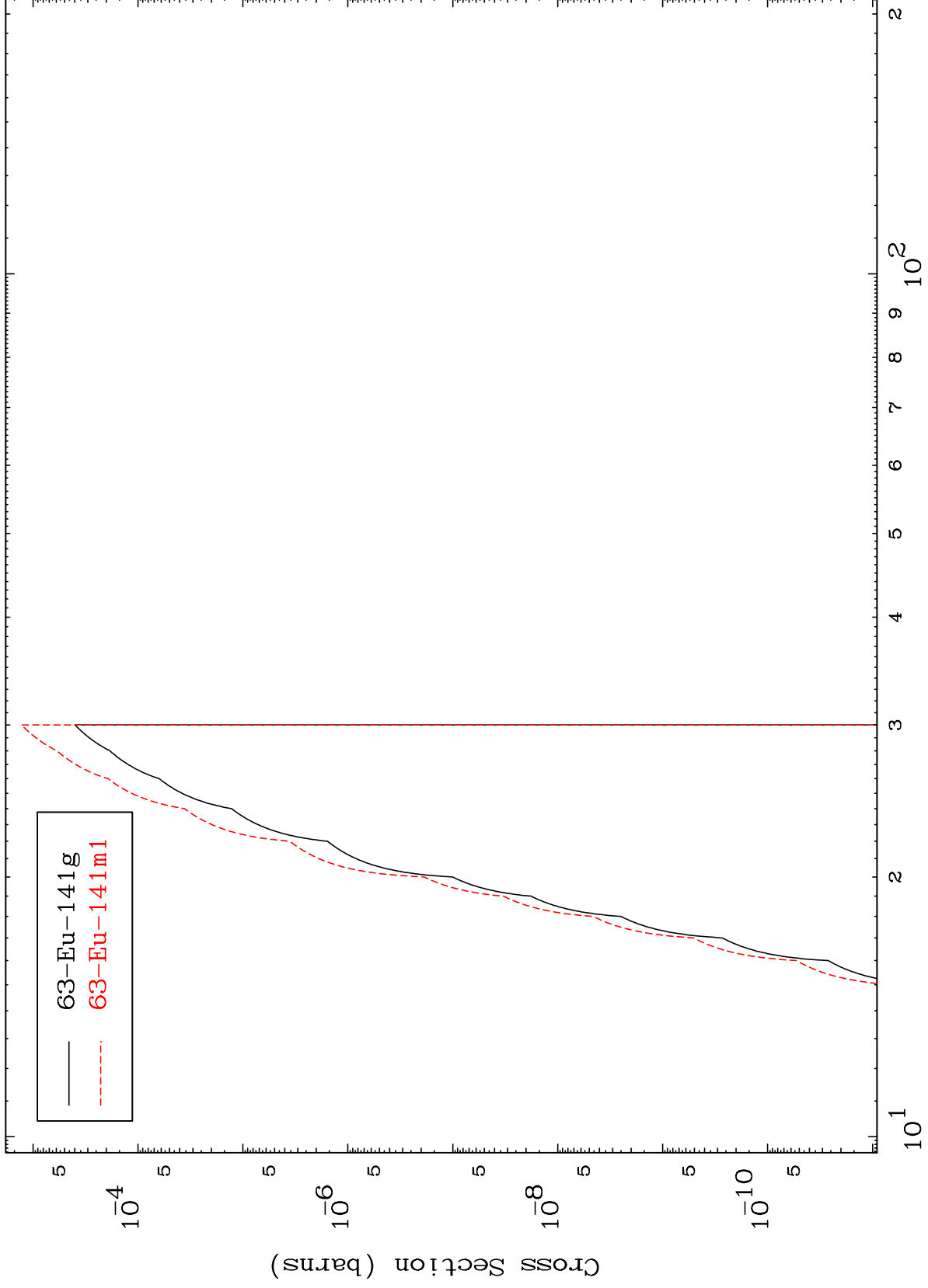
64-Gd-143

MAT 6399

(p,He-3)

64-Gd-143

Radionuclide Production Cross Section



Incident Energy (MeV)

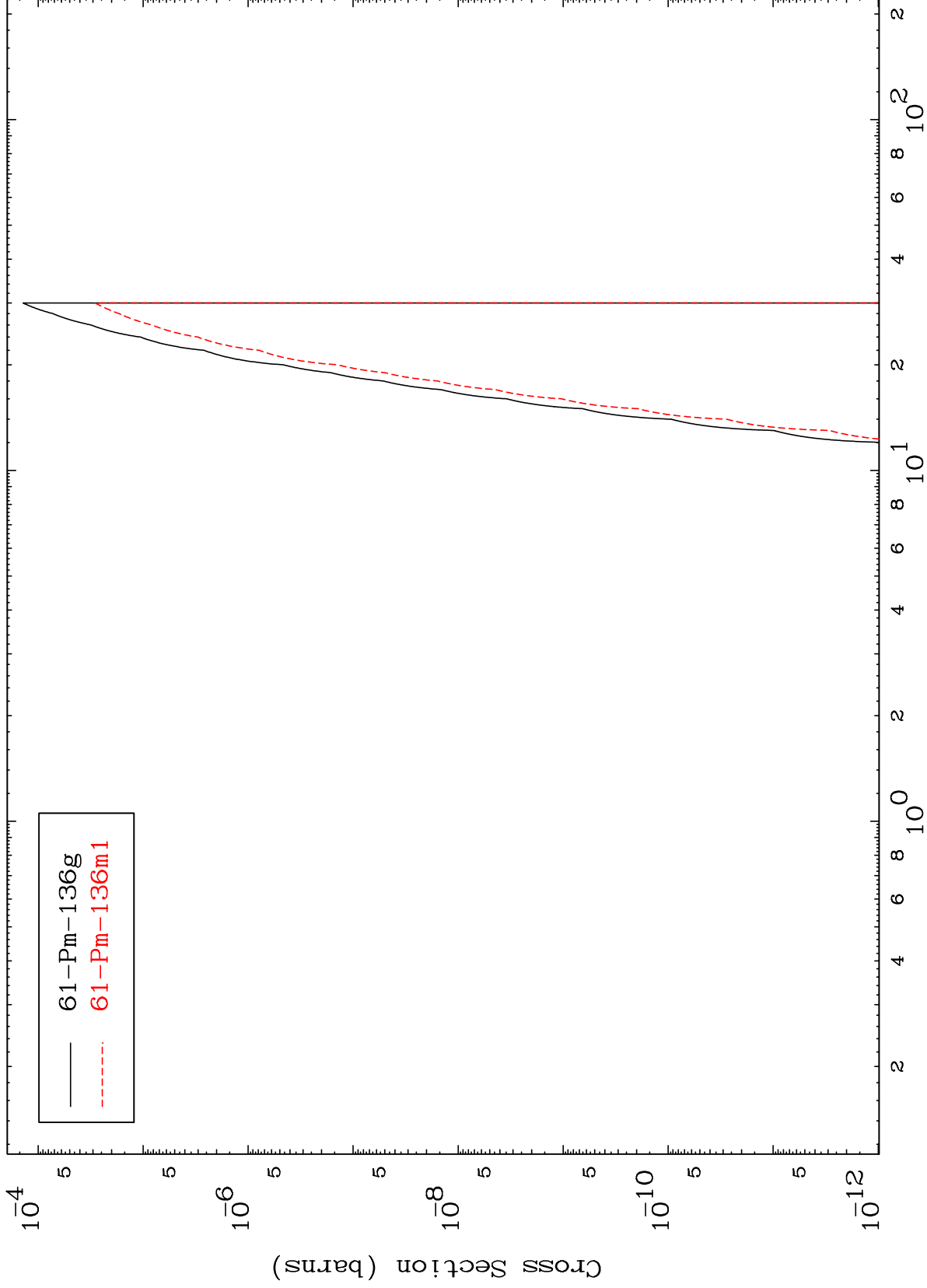
64-Gd-143

MAT 6399

(p,2 α)

64-Gd-143

Radionuclide Production Cross Section



21

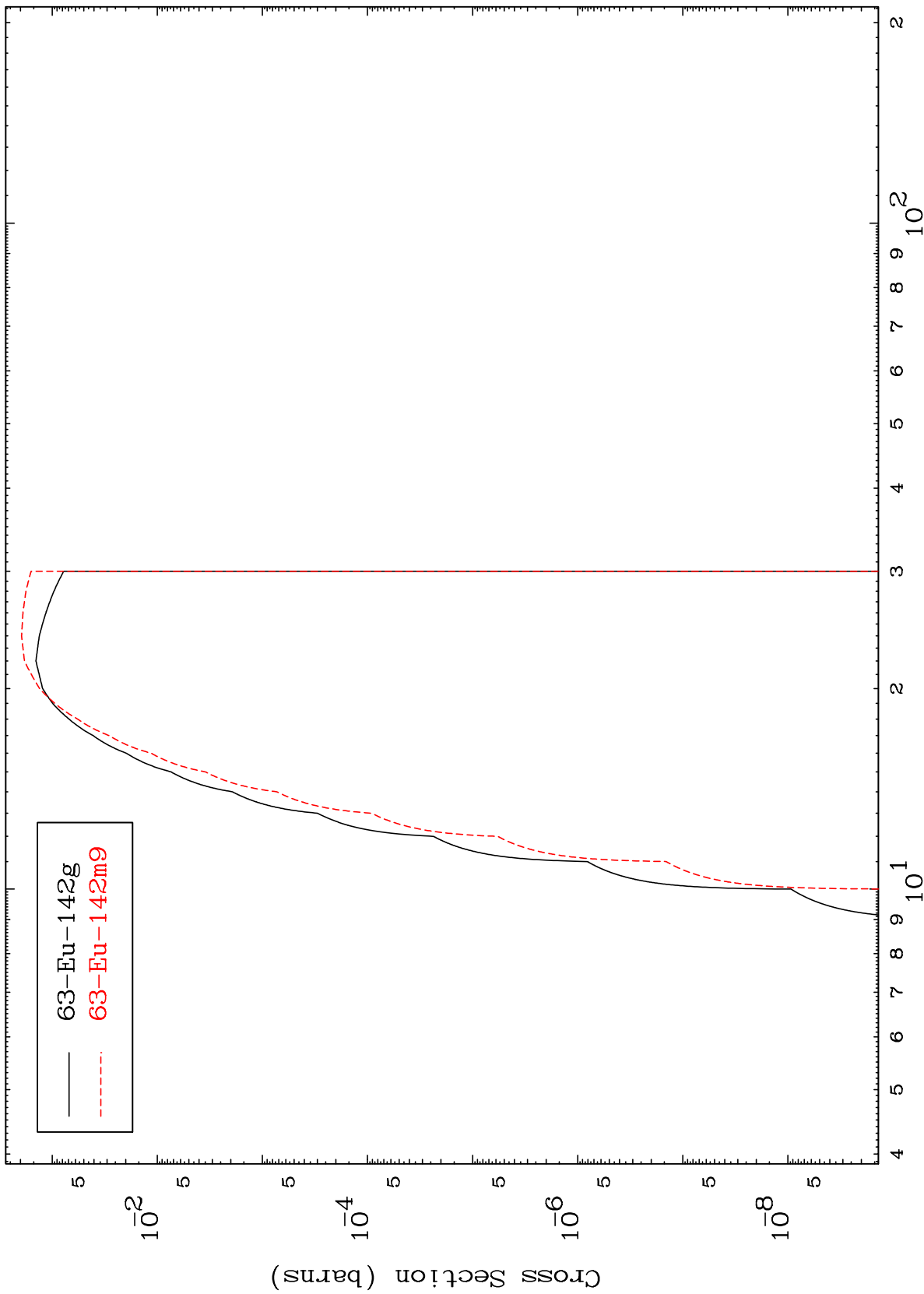
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

Radionuclide Production Cross Section
(p,2p)



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

22

Incident Energy (MeV)

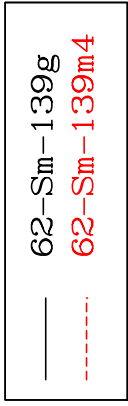
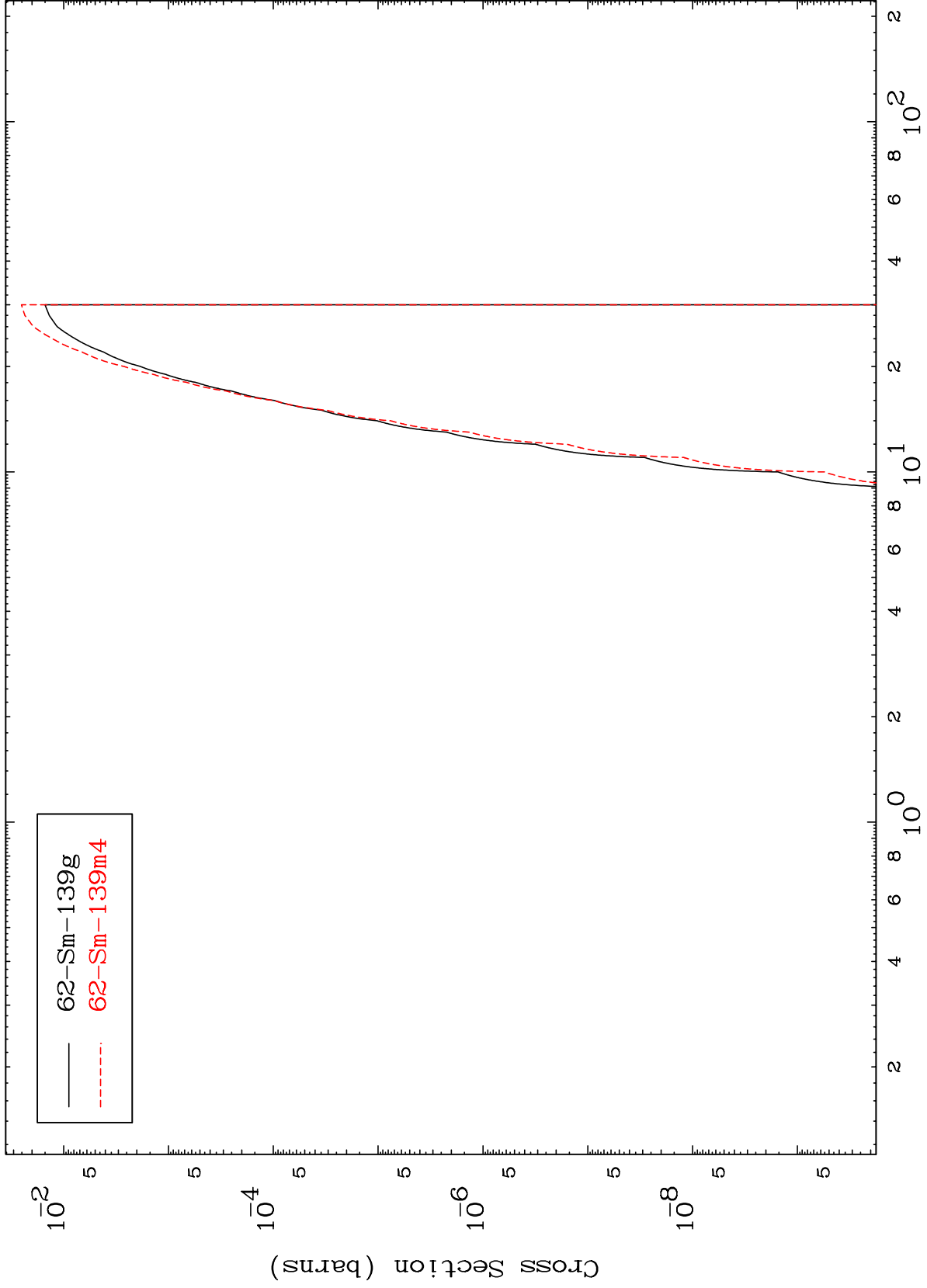
64-Gd-143

MAT 6399

(p,p) α

64-Gd-143

Radionuclide Production Cross Section

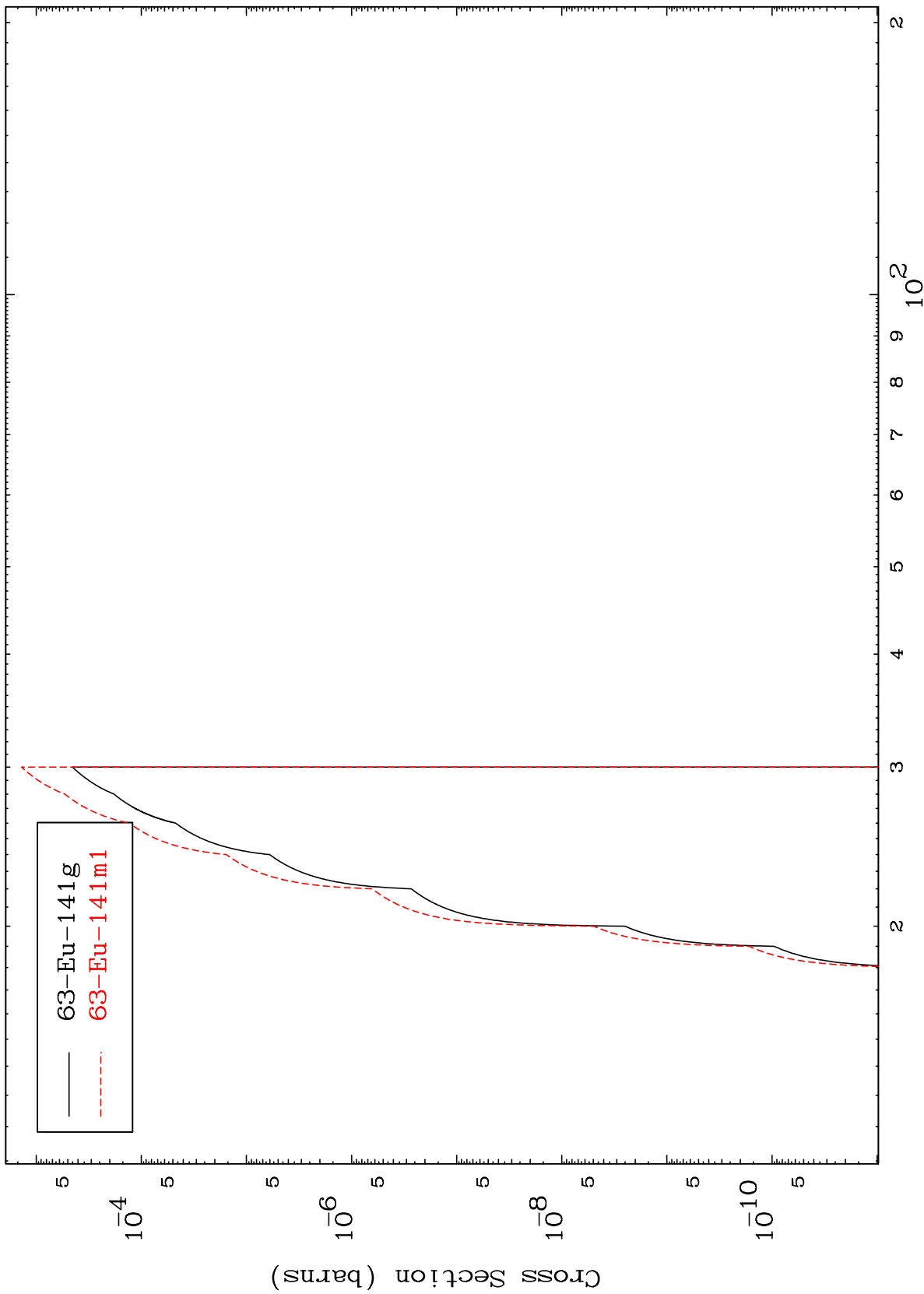


MAT 6399

(p,p) d

64-Gd-143

Radionuclide Production Cross Section



24

Incident Energy (MeV)

64-Gd-143