

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

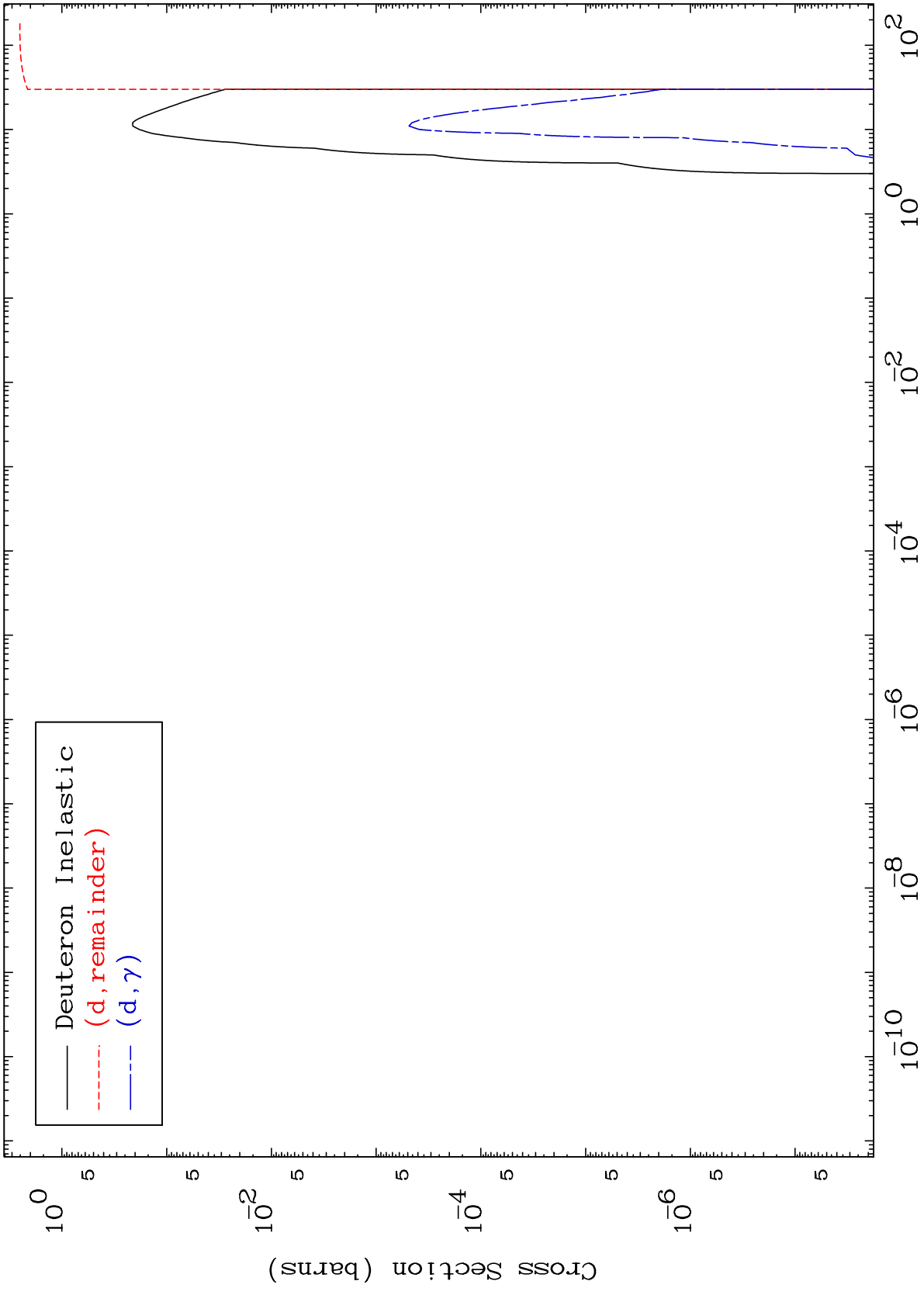
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Web:redcullen1.net/HOMEPAGE.NEW

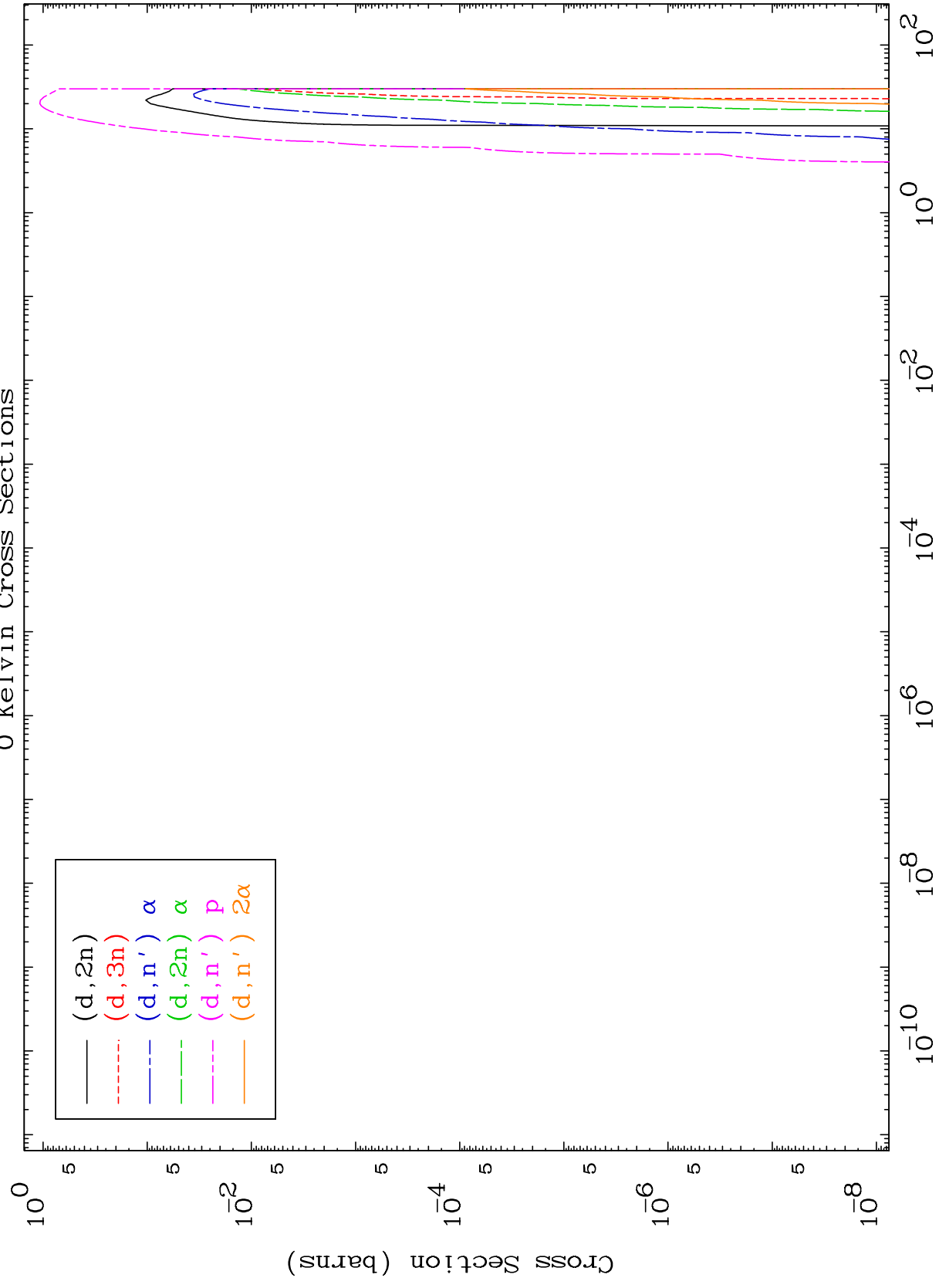
Press Mouse Button to Start

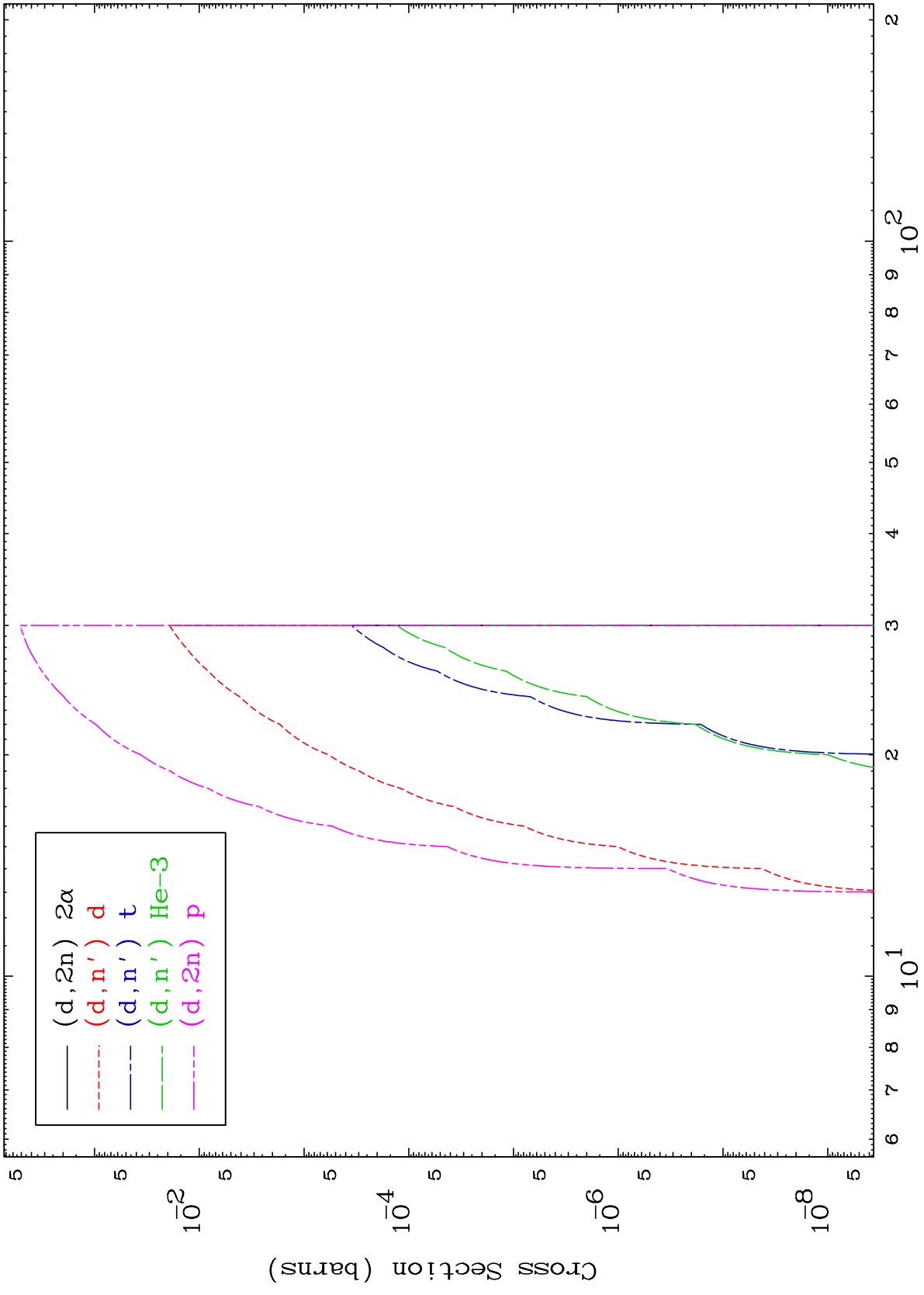


MAT 6399

Deuteron Neutron Production  
0 Kelvin Cross Sections

64-Gd-143

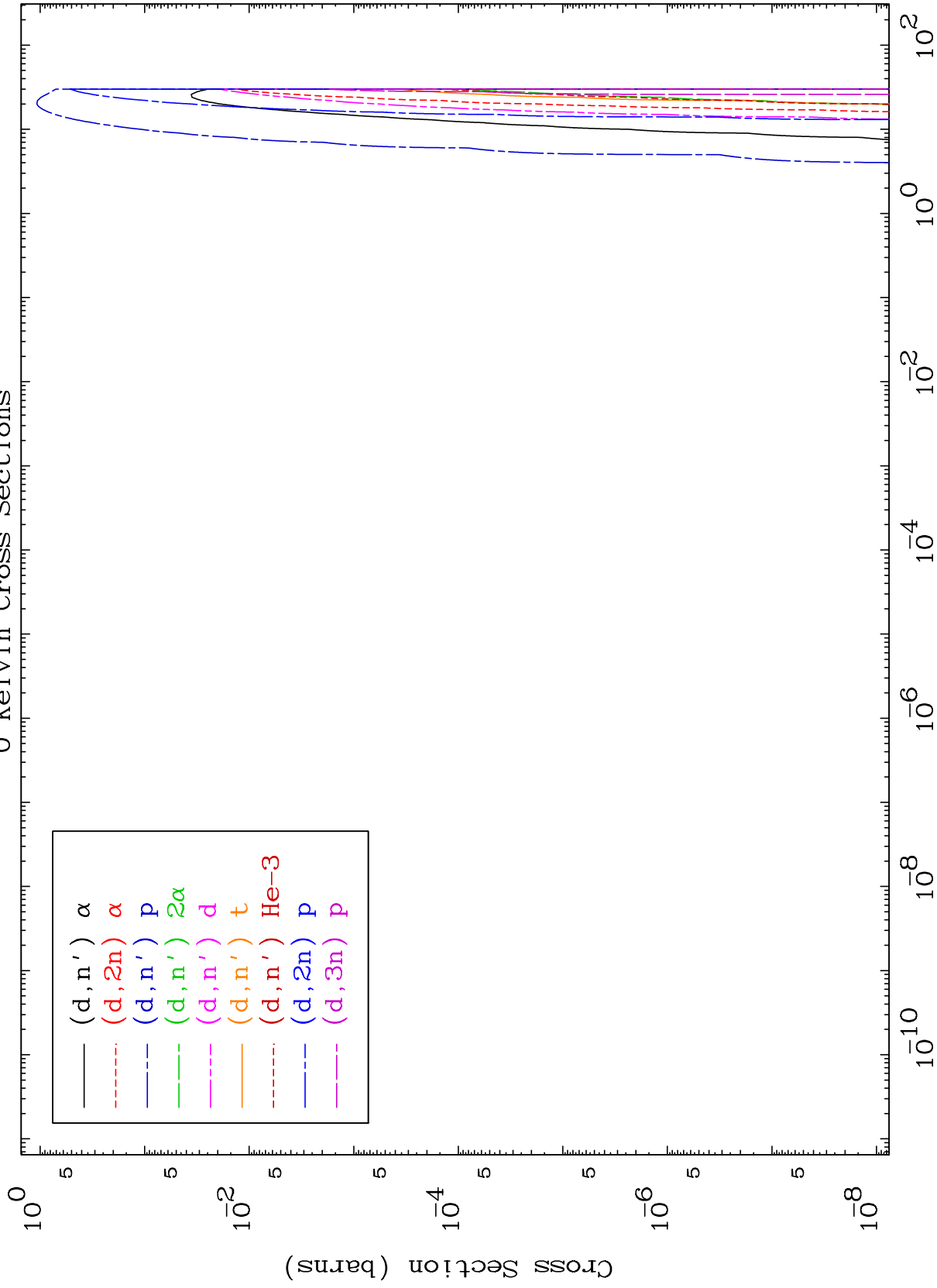




MAT 6399

Deuteron Charged Particle  
0 Kelvin Cross Sections

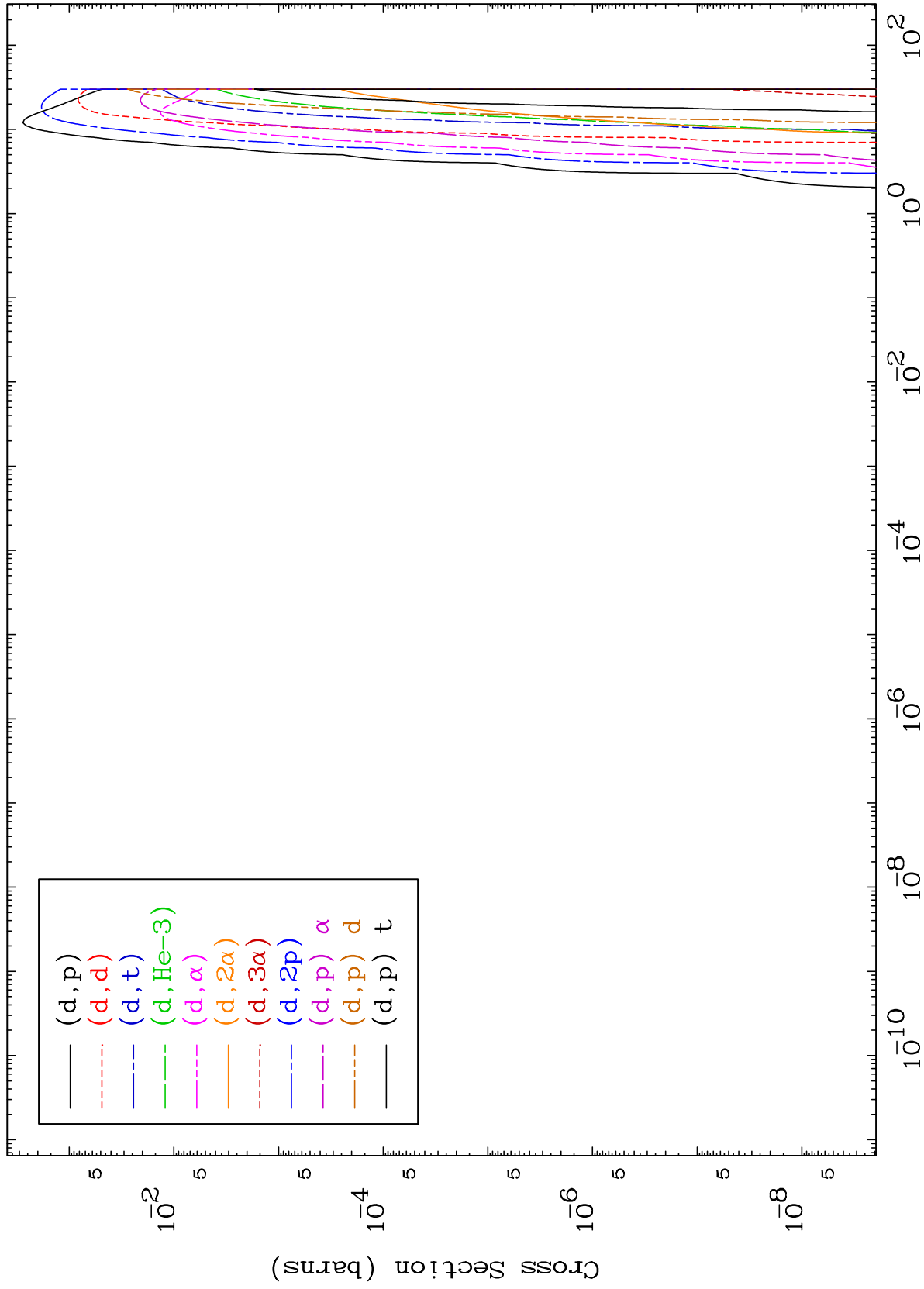
64-Gd-143



MAT 6399

Deuteron Charged Particle  
0 Kelvin Cross Sections

64-Gd-143



5

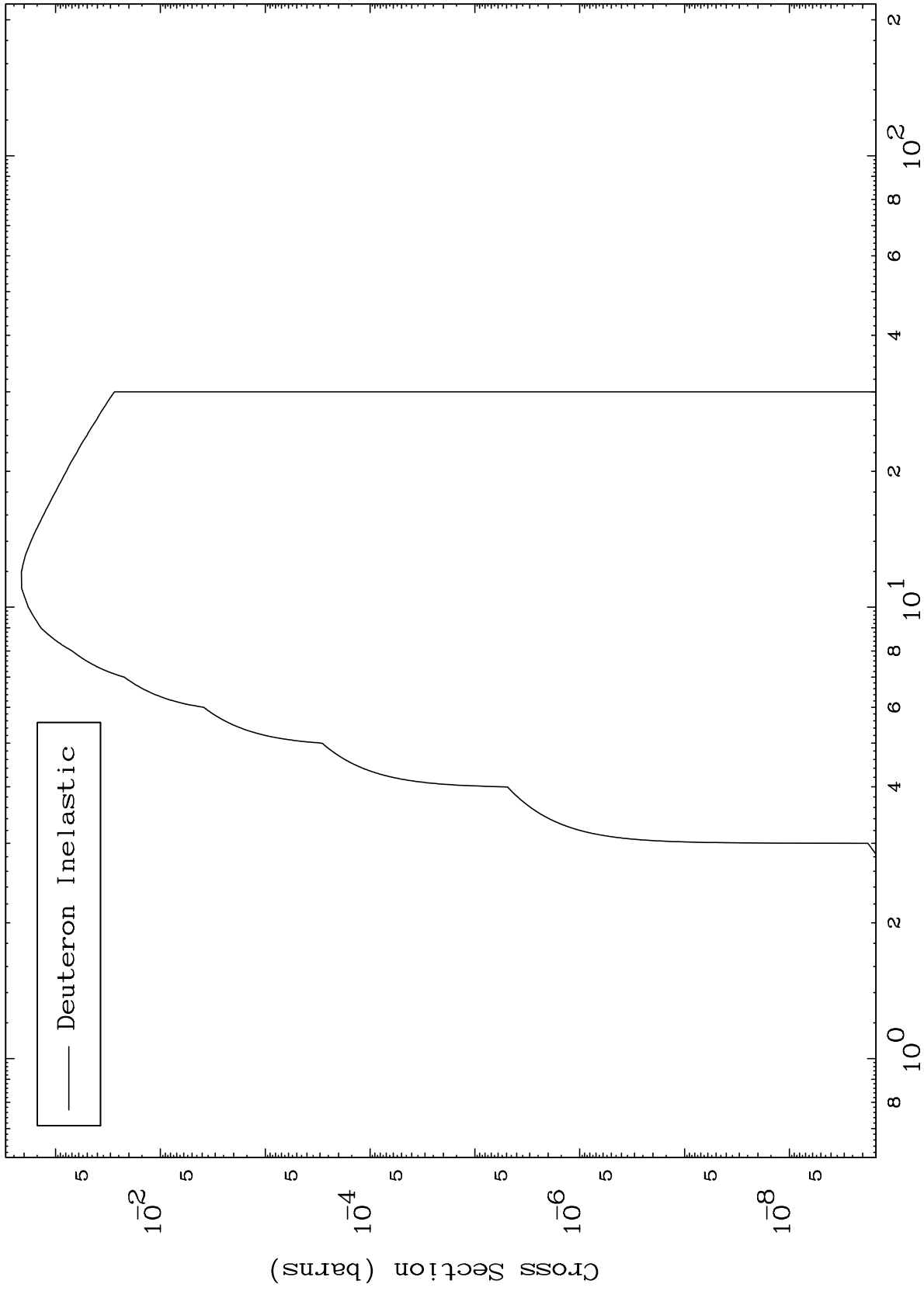
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d,n') Level  
0 Kelvin Cross Sections

64-Gd-143



6

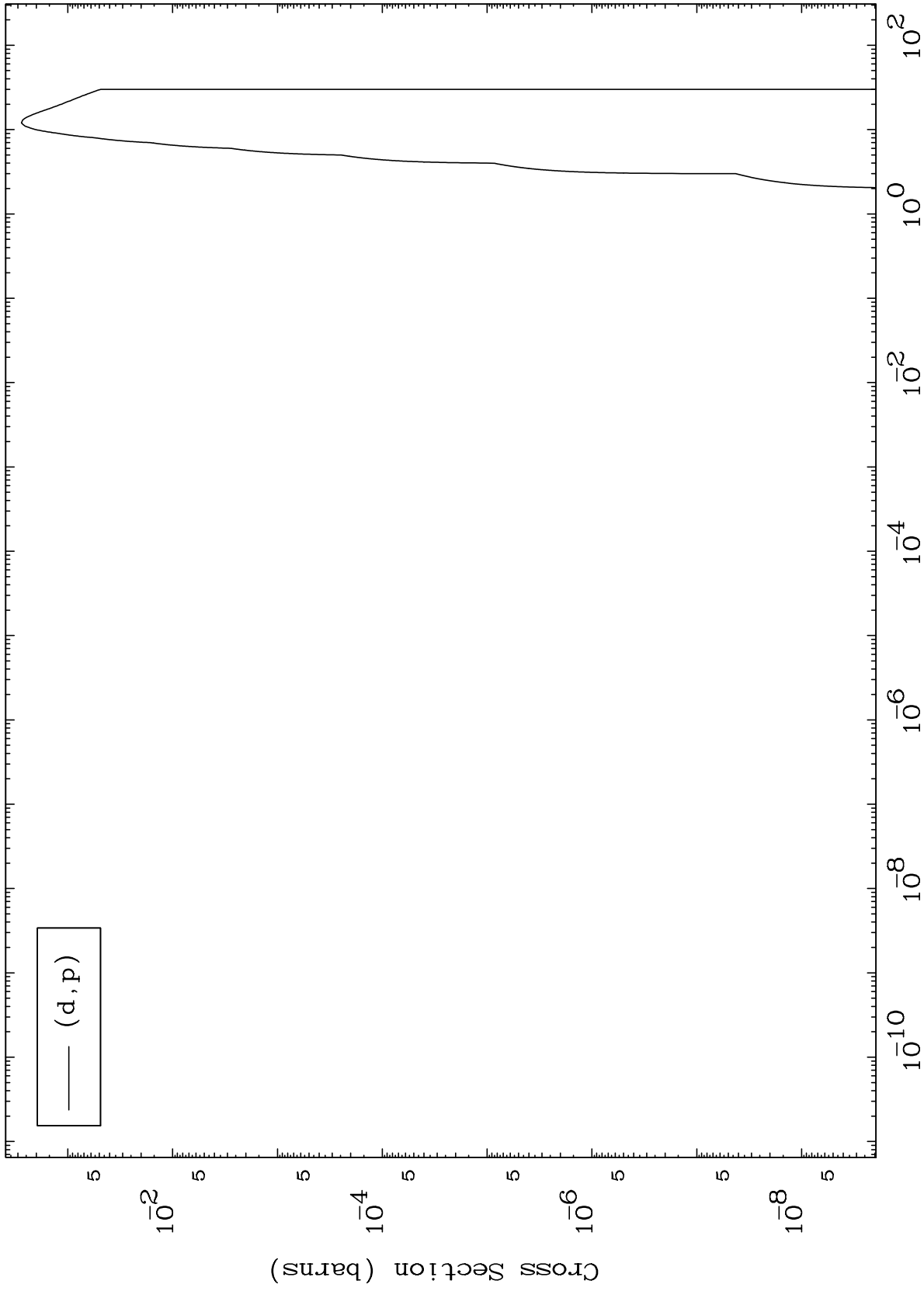
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d,p) Levels  
0 Kelvin Cross Sections

64-Gd-143



7

Incident Energy (MeV)

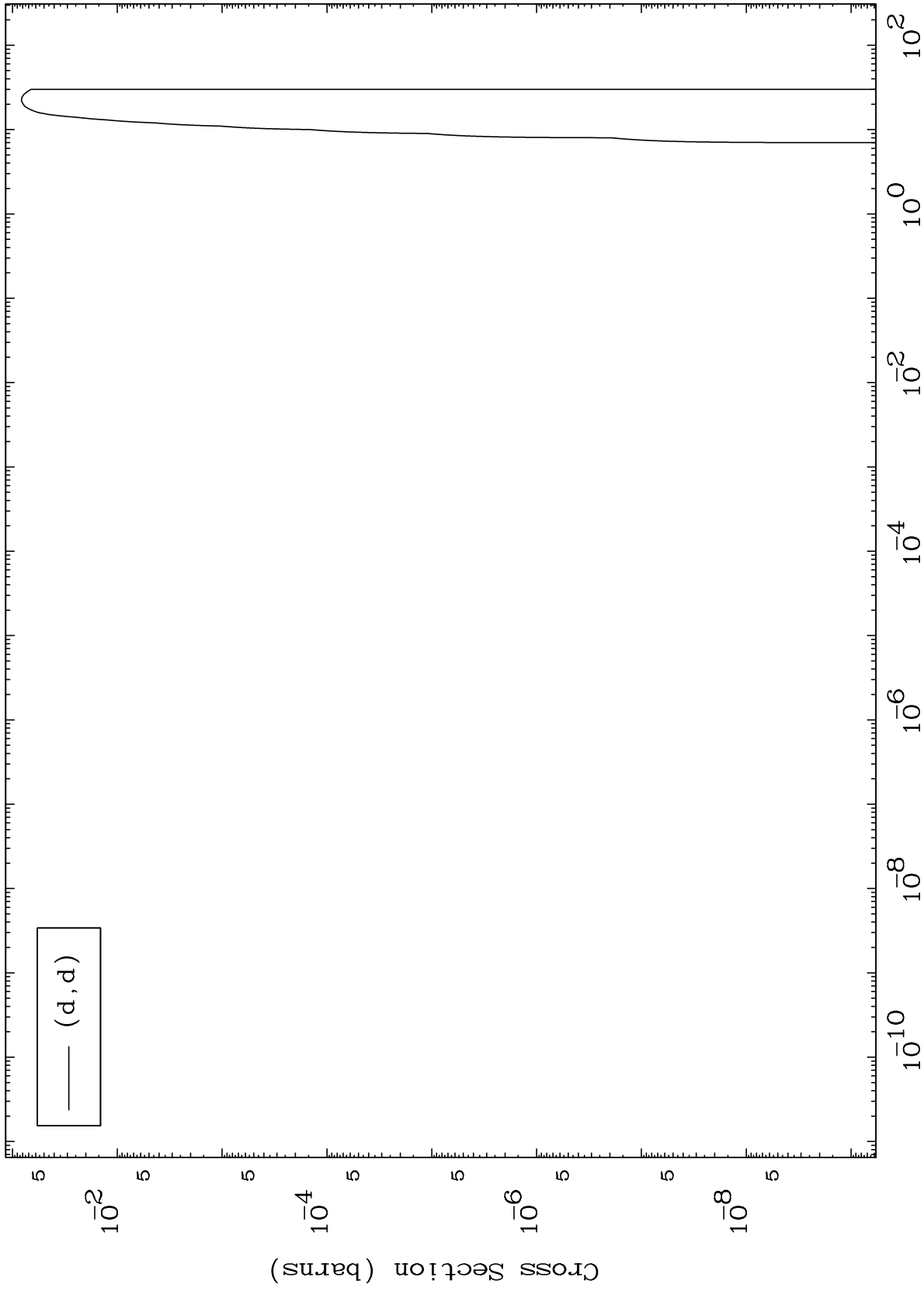
64-Gd-143



MAT 6399

(d,d) Levels  
0 Kelvin Cross Sections

64-Gd-143



8

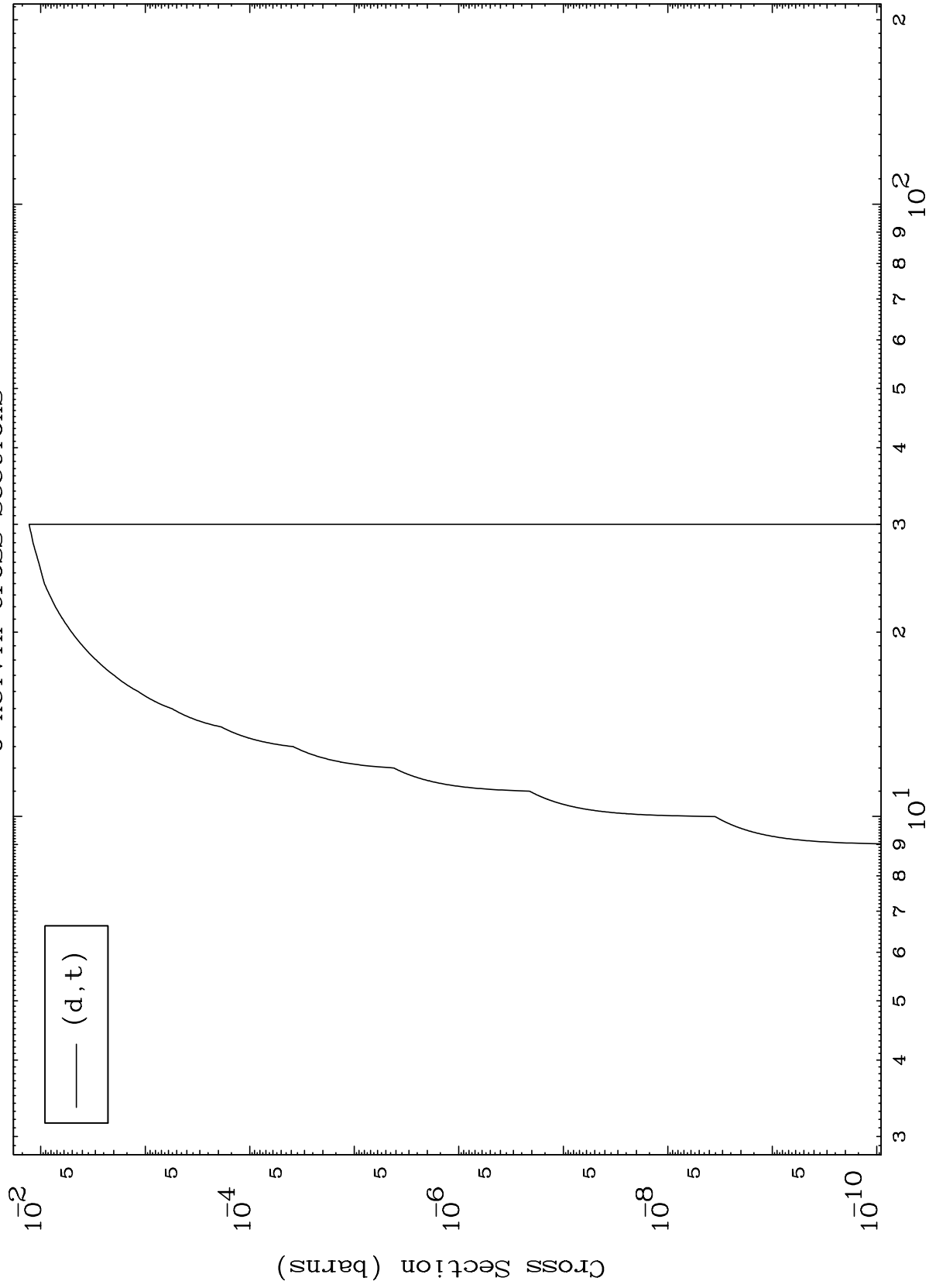
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d,t) Levels  
0 Kelvin Cross Sections

64-Gd-143



9

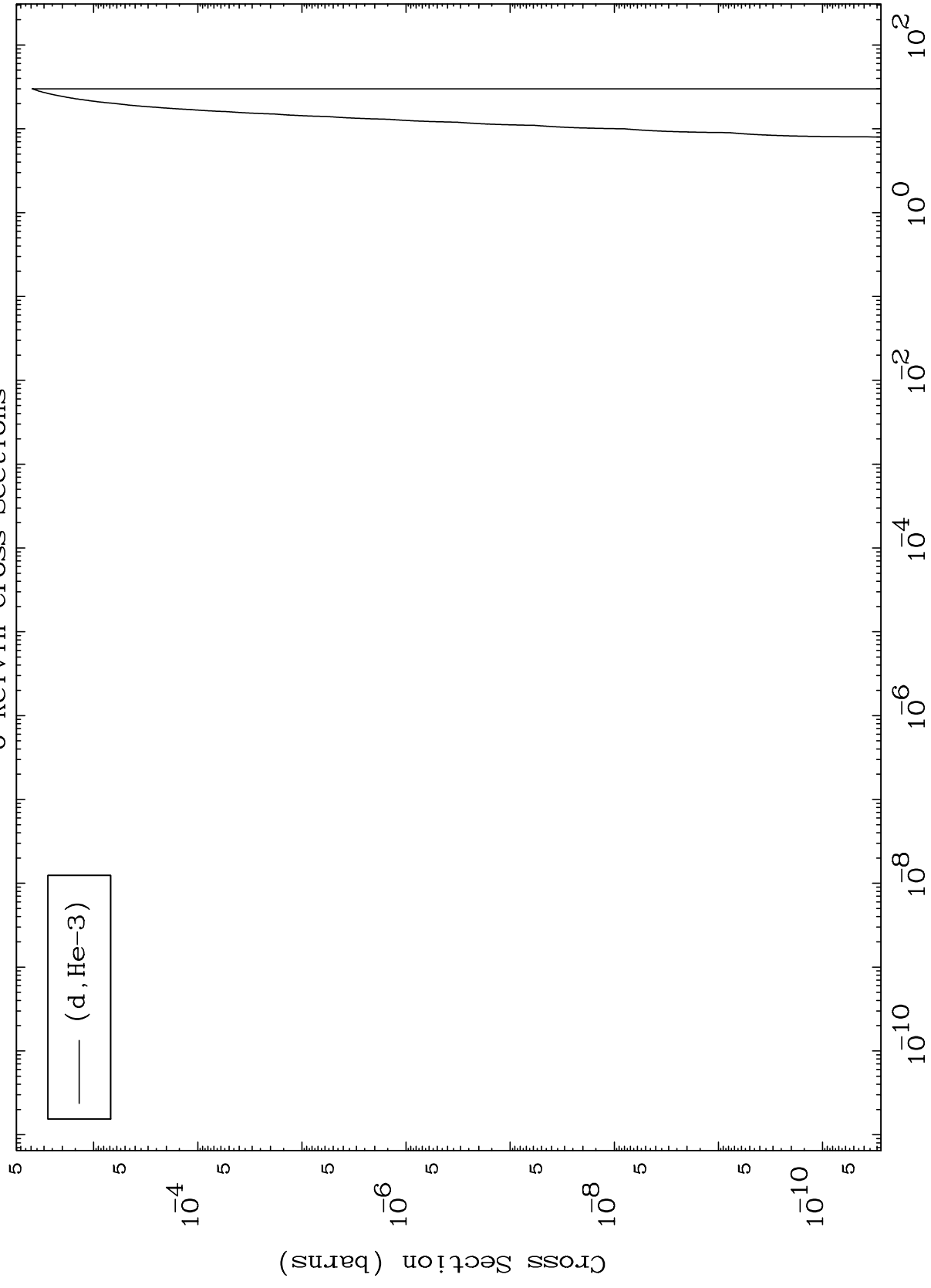
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d,He3) Levels  
0 Kelvin Cross Sections

64-Gd-143



10

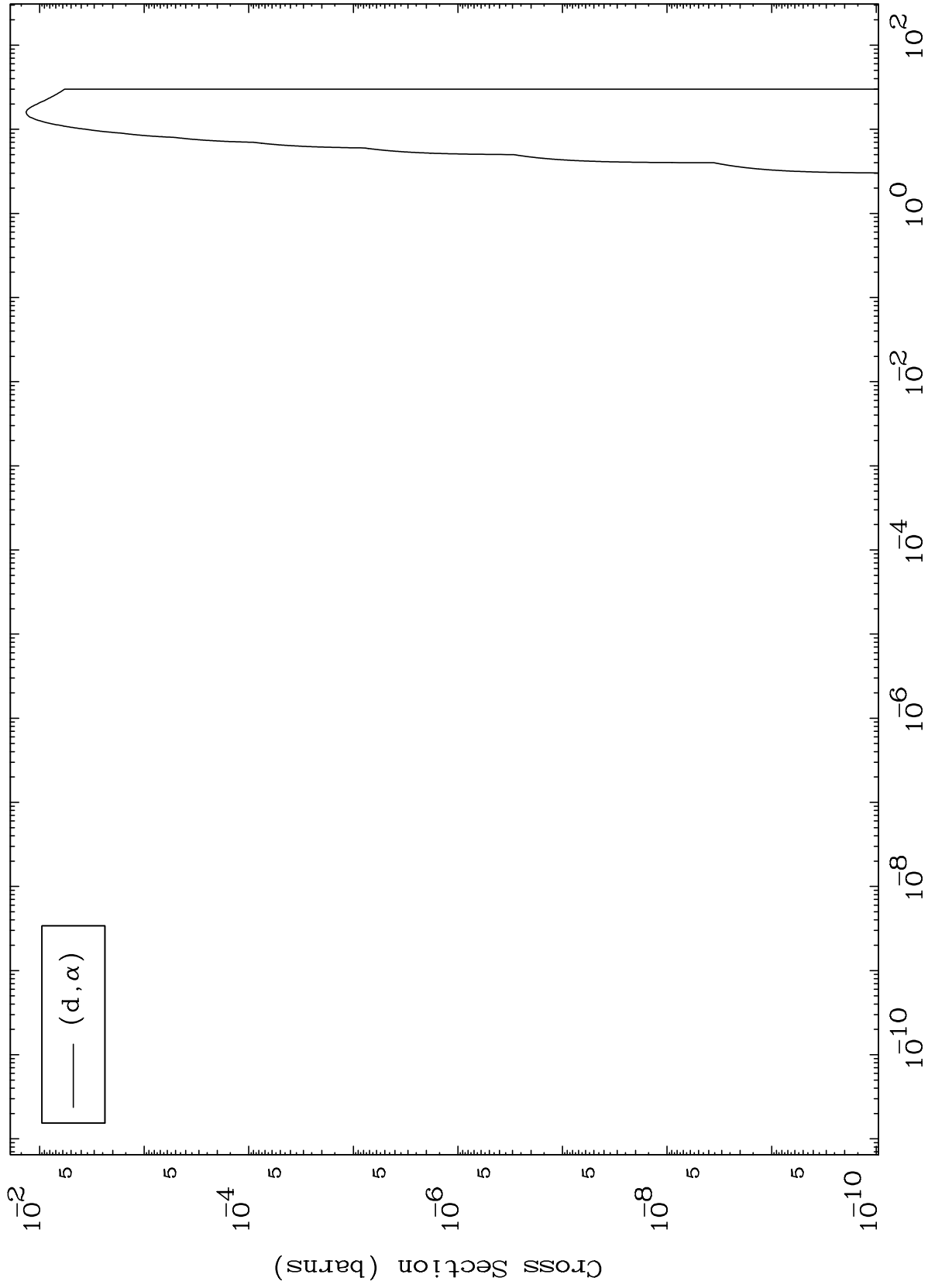
Incident Energy (MeV)

64-Gd-143

MAT 6399

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

64-Gd-143



11

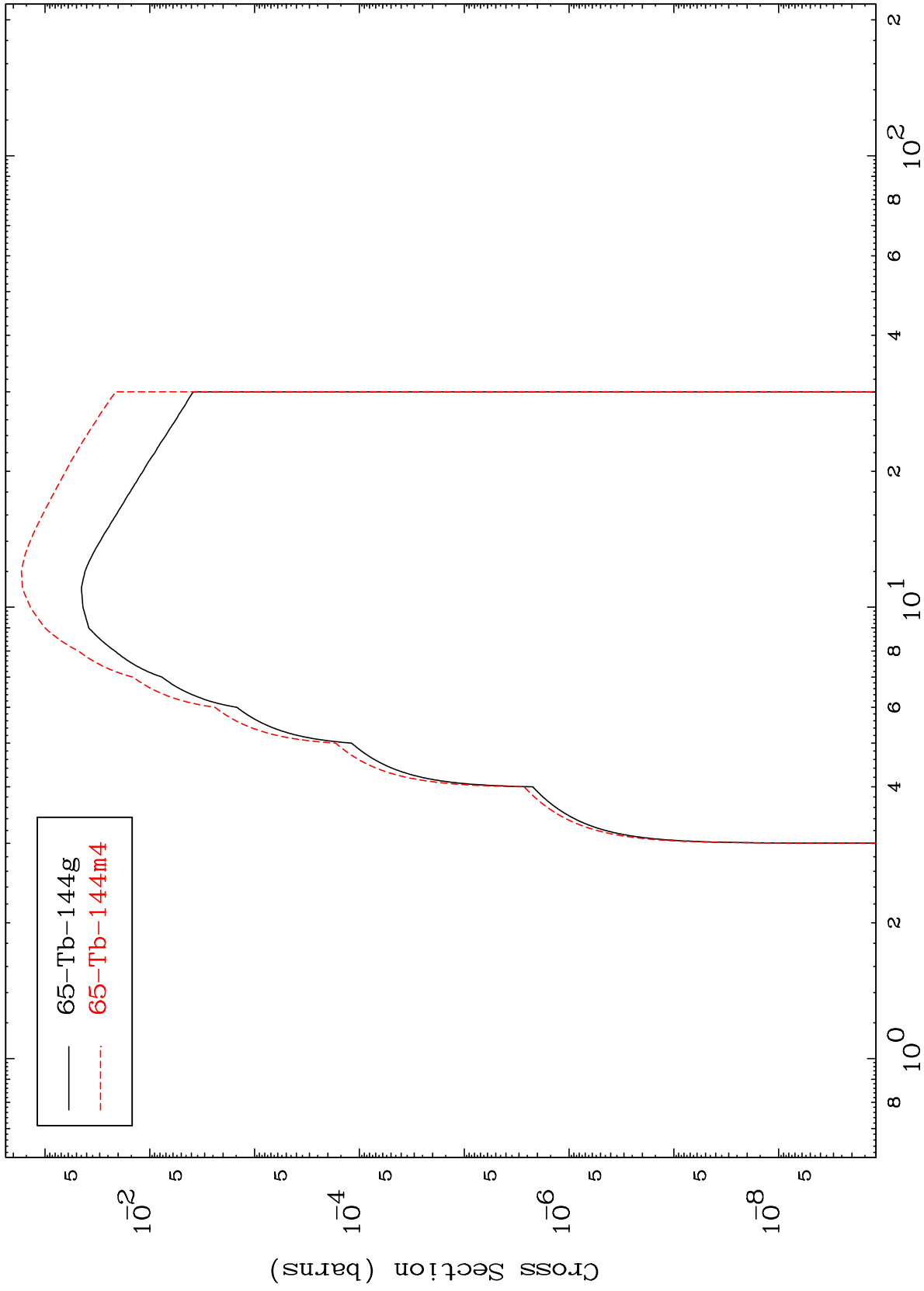
Incident Energy (MeV)

64-Gd-143

MAT 6399

Deuteron Inelastic  
Radionuclide Production Cross Section

64-Gd-143



12

Incident Energy (MeV)

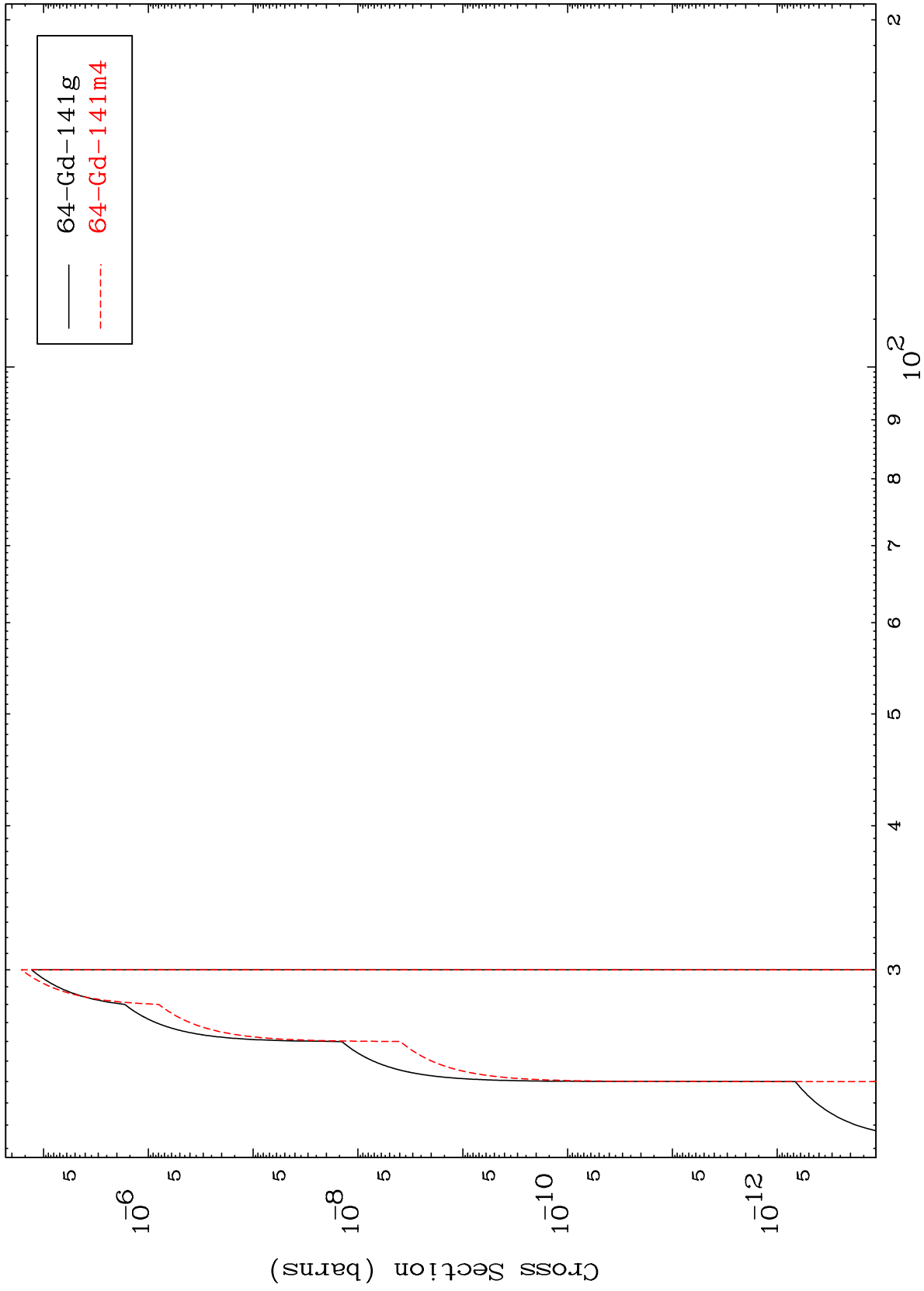
64-Gd-143

MAT 6399

(d,2n) d

64-Gd-143

Radionuclide Production Cross Section



13

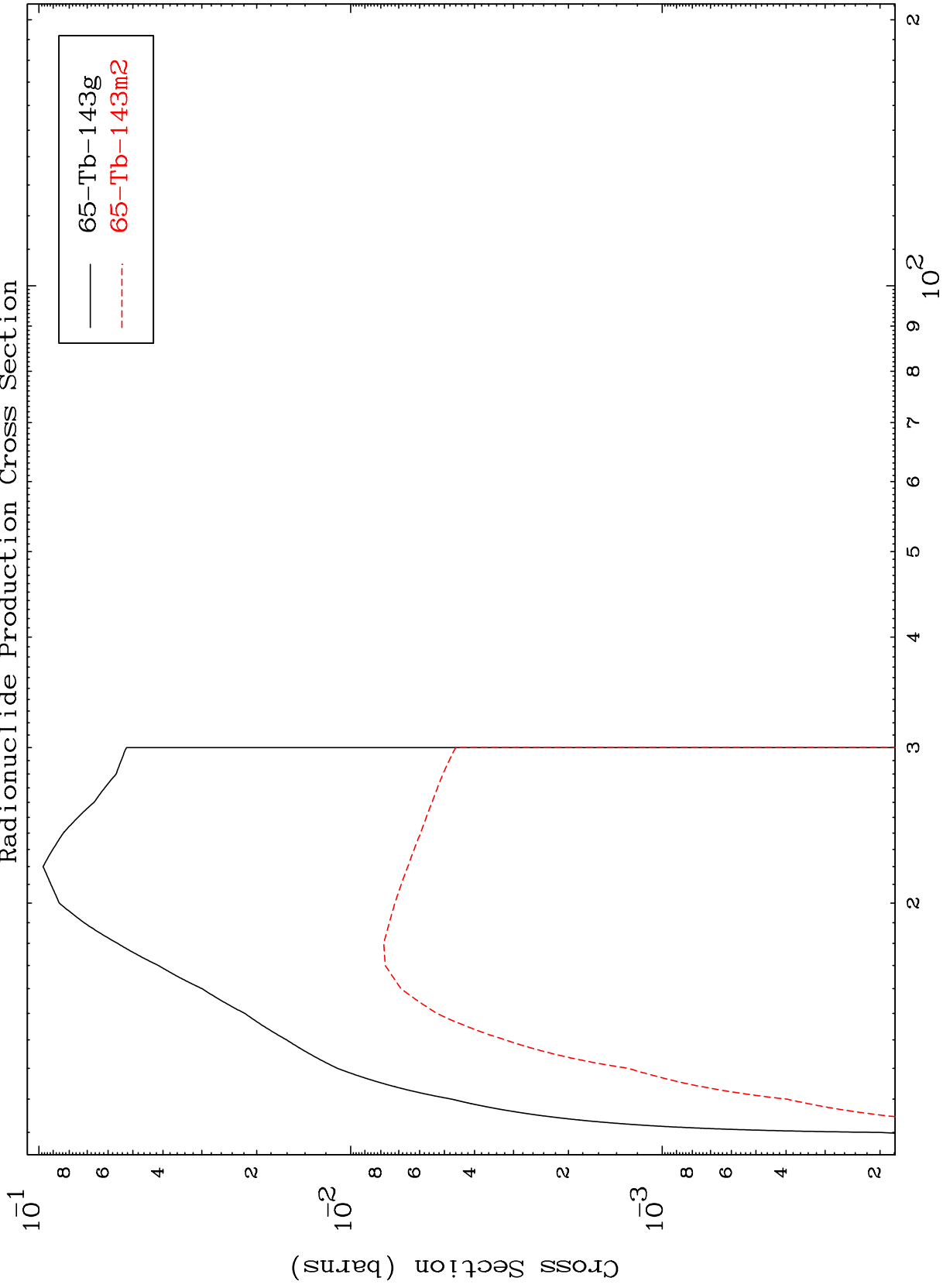
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

(d,2n)  
Radionuclide Production Cross Section



14

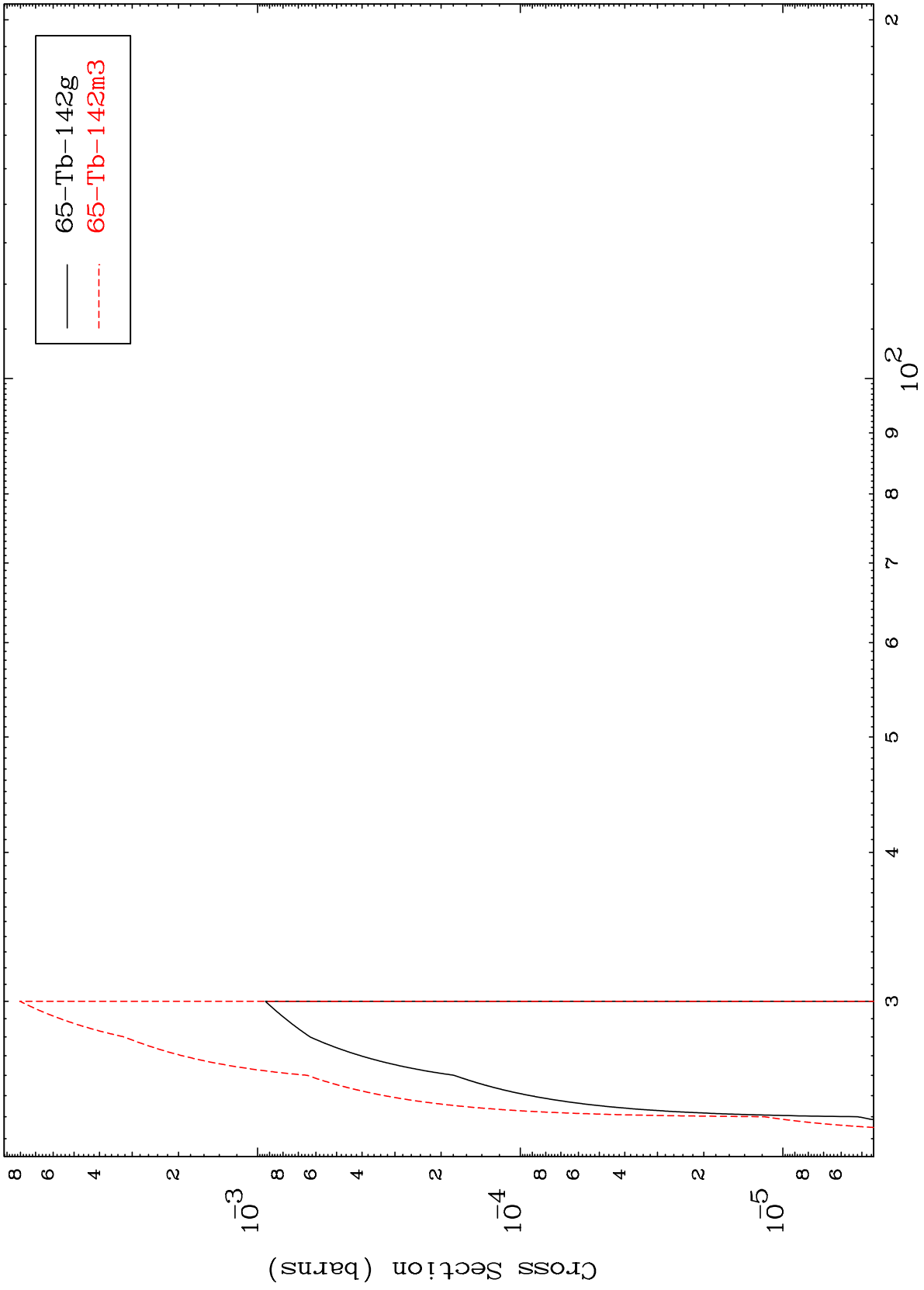
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

(d,3n)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-143

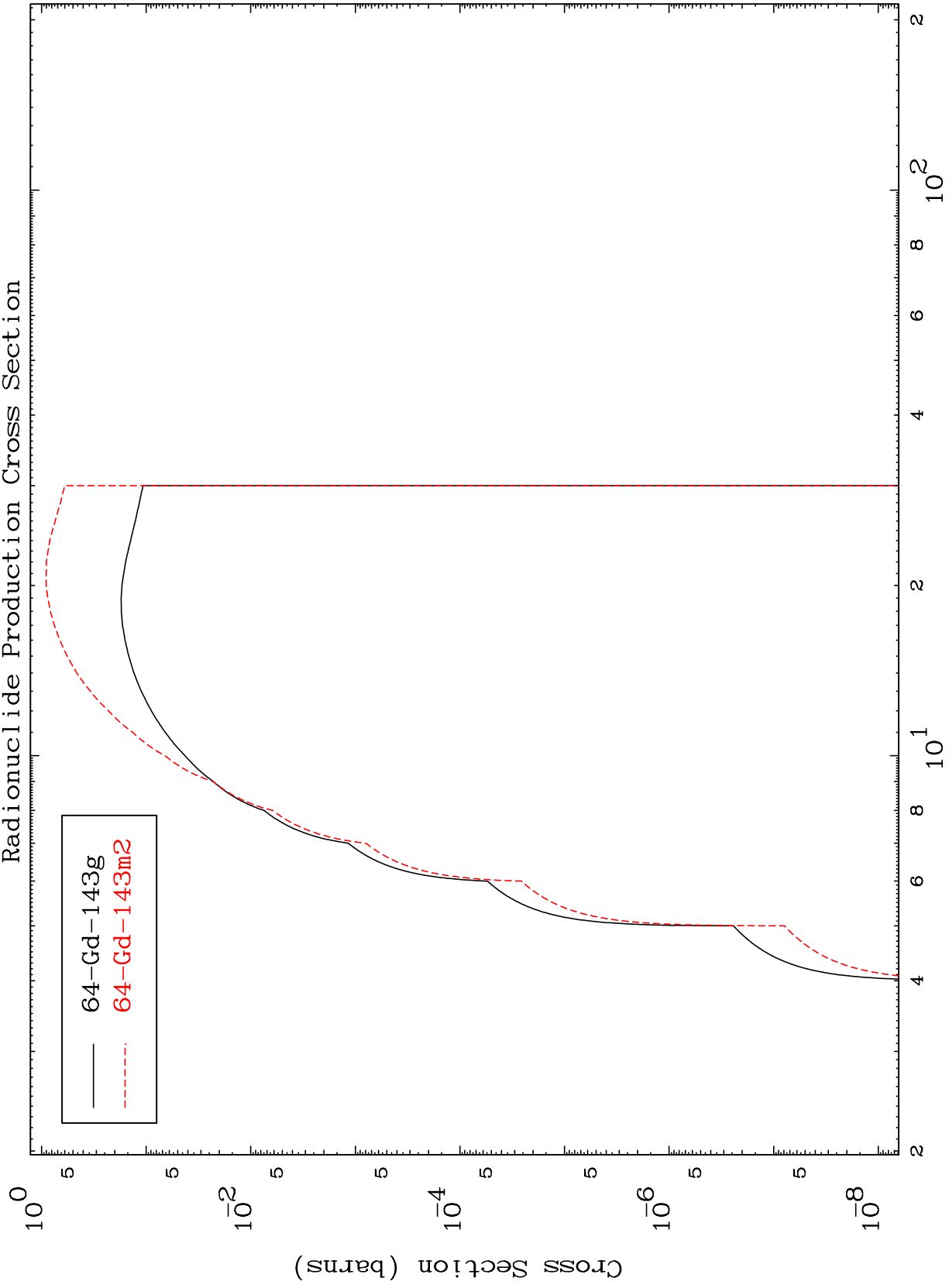


MAT 6399

(d,n') p

64-Gd-143

Radionuclide Production Cross Section



16

Incident Energy (MeV)

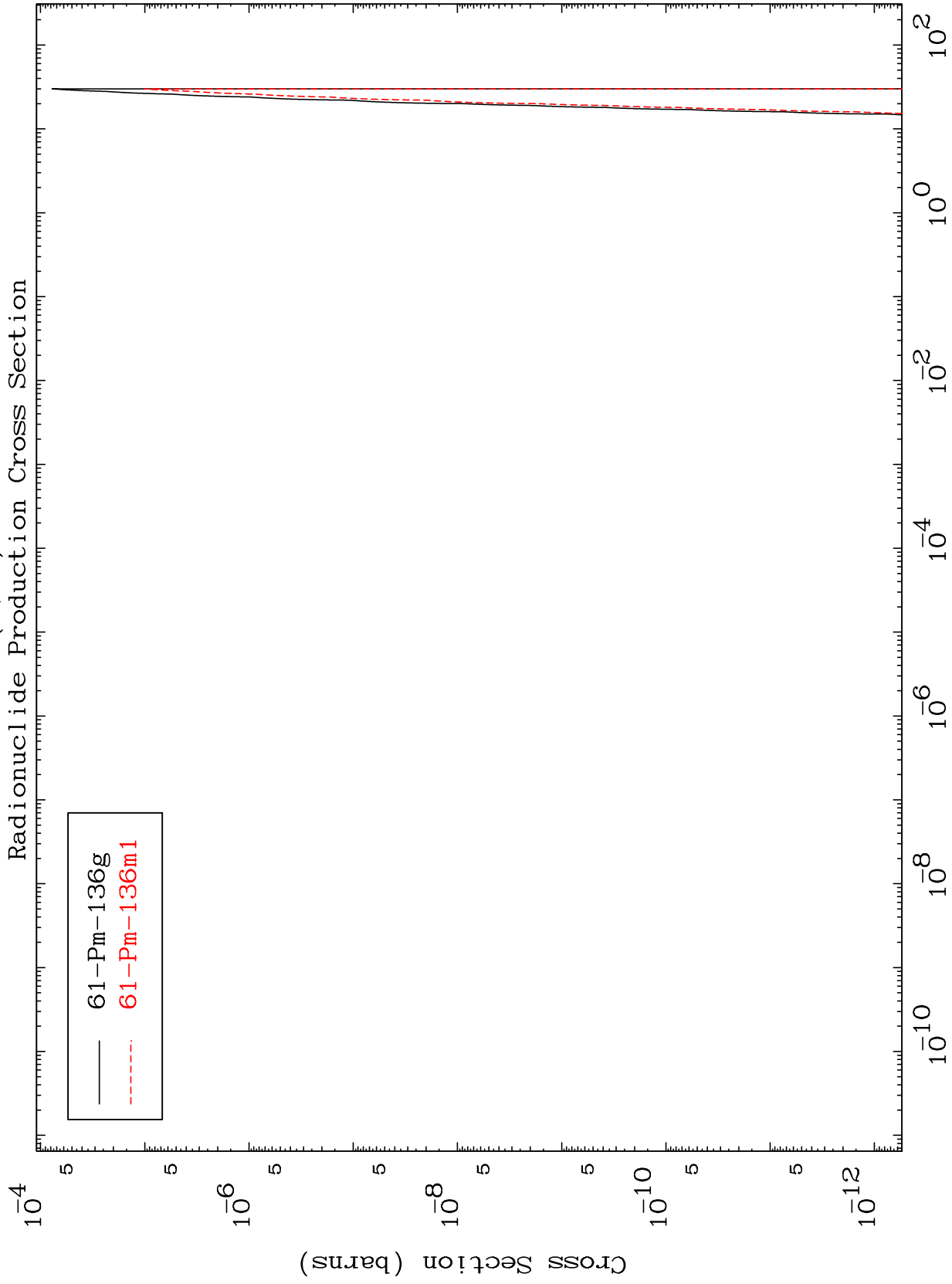
64-Gd-143

MAT 6399

(d,n') 2 $\alpha$

64-Gd-143

Radionuclide Production Cross Section

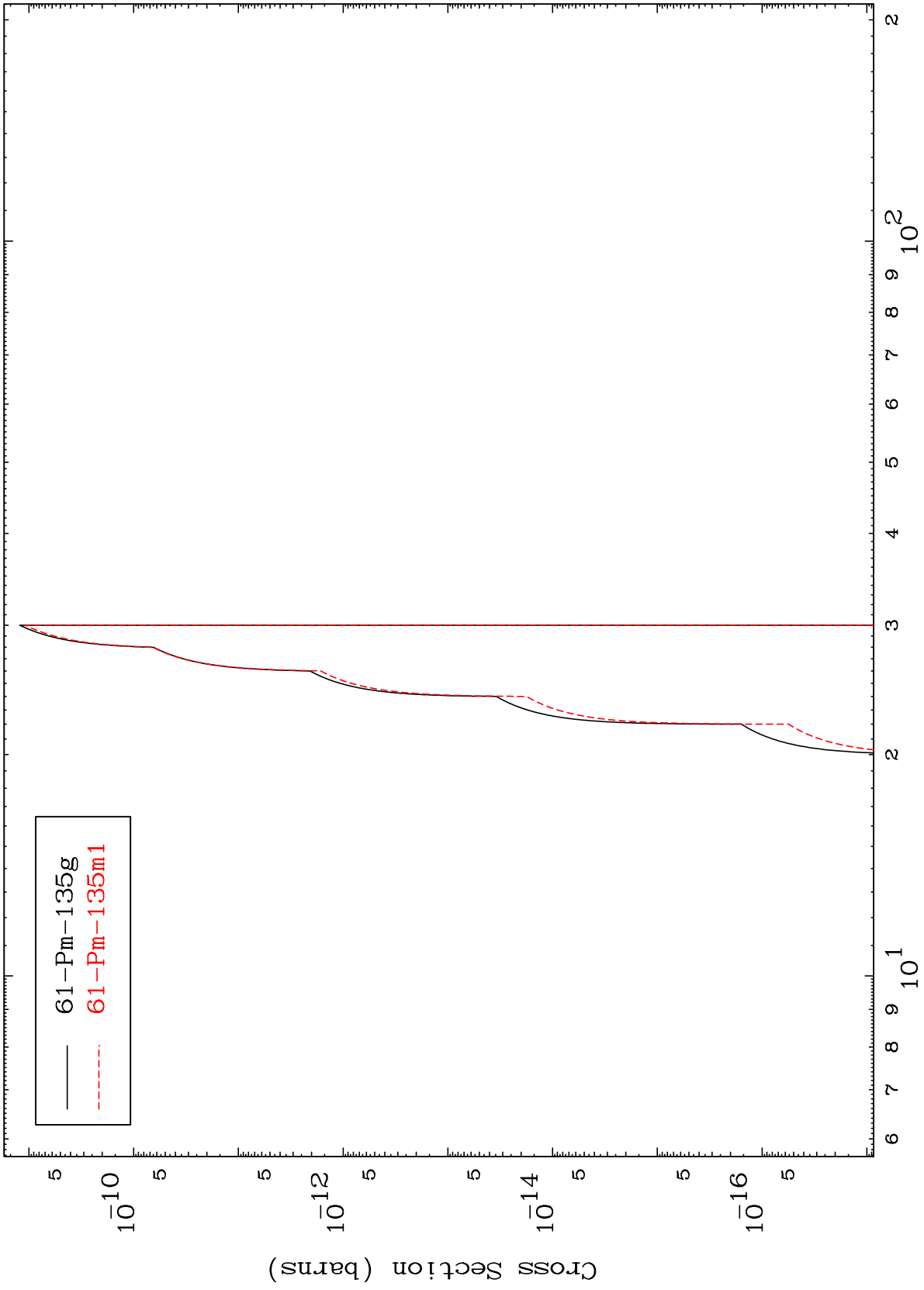


61-Pm-136g  
61-Pm-136m1

MAT 6399

64-Gd-143

(d,2n) 2 $\alpha$   
Radionuclide Production Cross Section



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

18

64-Gd-143

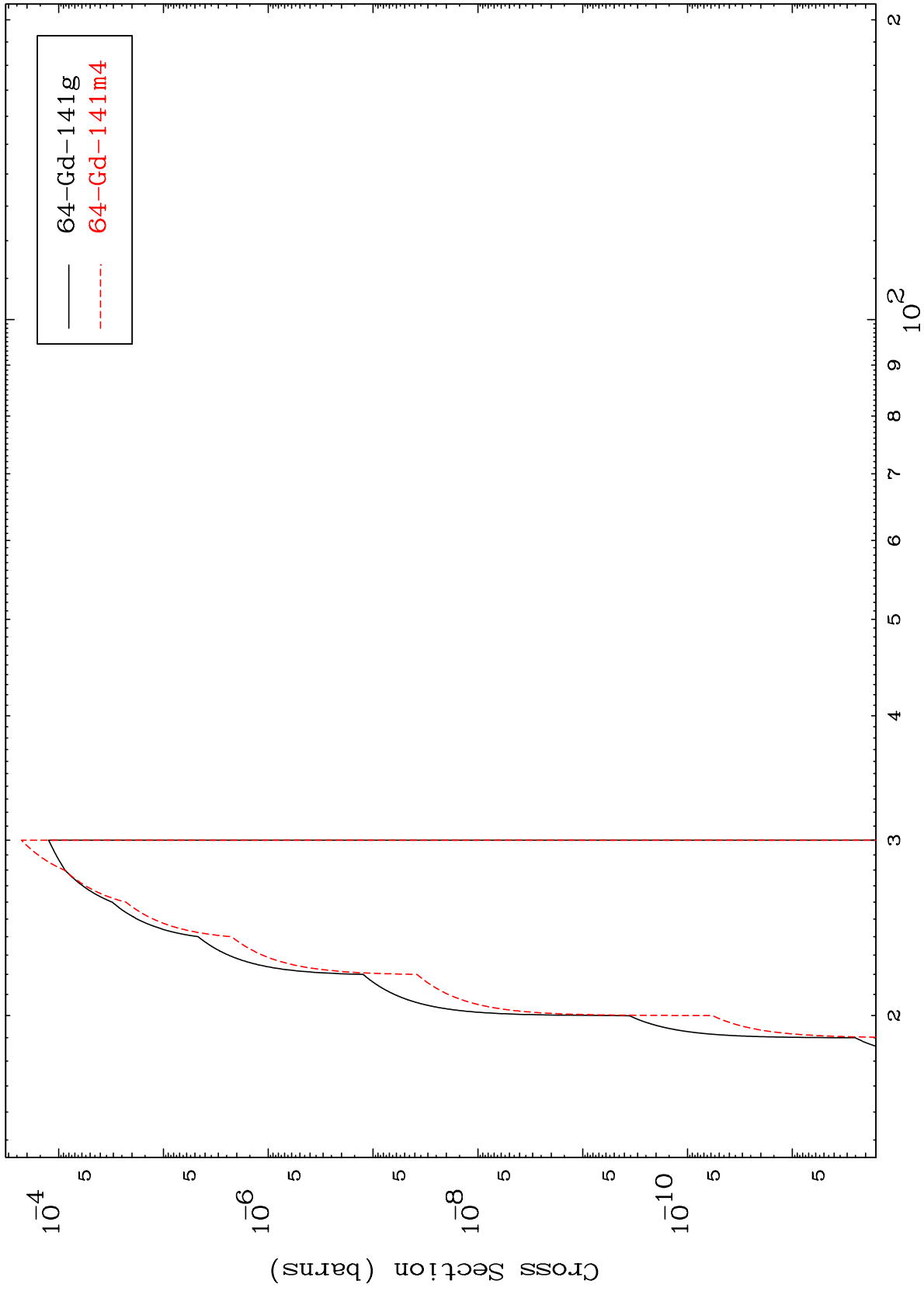
Incident Energy (MeV)

MAT 6399

(d,n') t

64-Gd-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

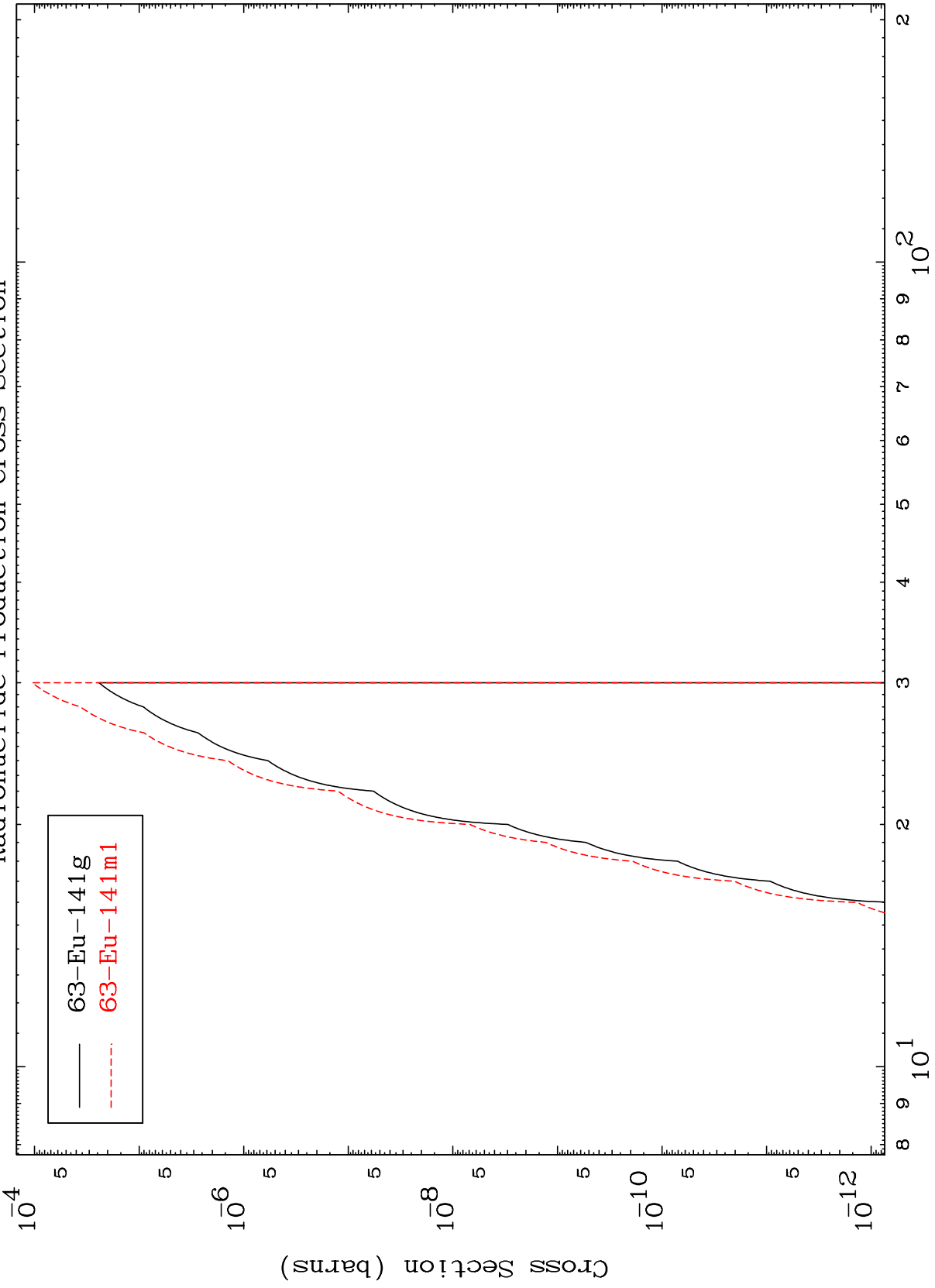
64-Gd-143

MAT 6399

(d, n') He-3

64-Gd-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

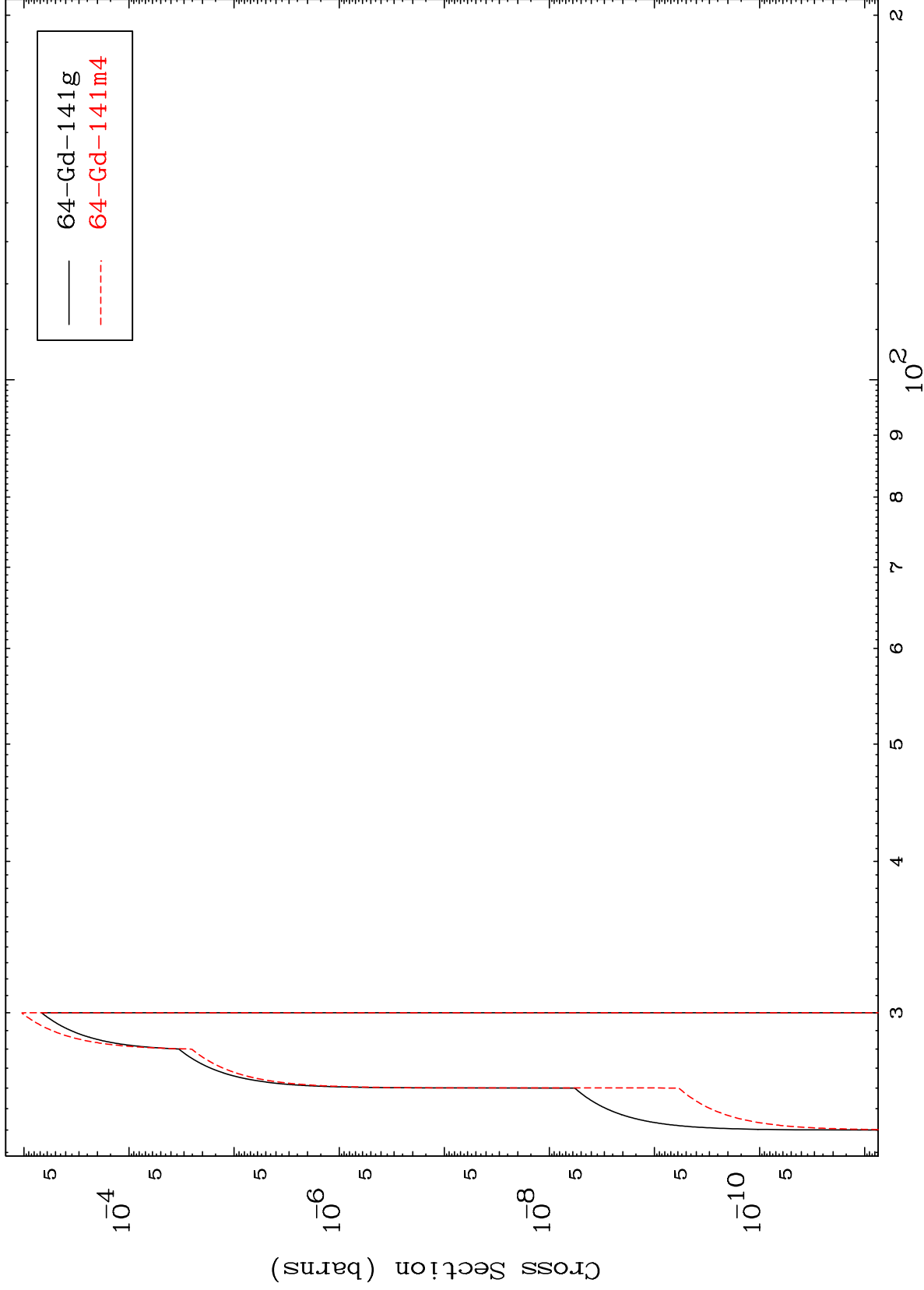
64-Gd-143

MAT 6399

(d,3n) p

64-Gd-143

Radionuclide Production Cross Section



21

Incident Energy (MeV)

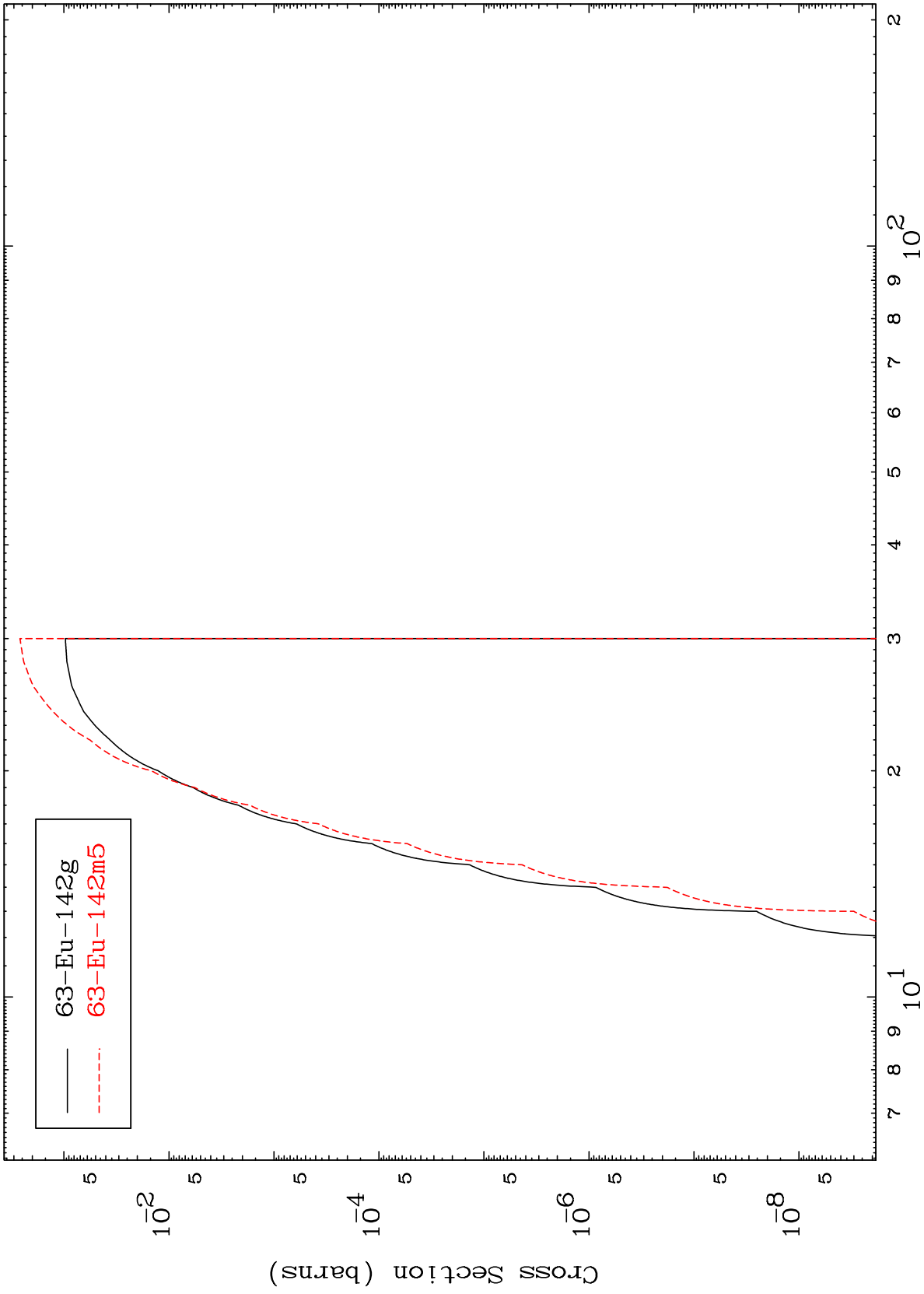
64-Gd-143

MAT 6399

(d,2n) p

64-Gd-143

Radionuclide Production Cross Section



22

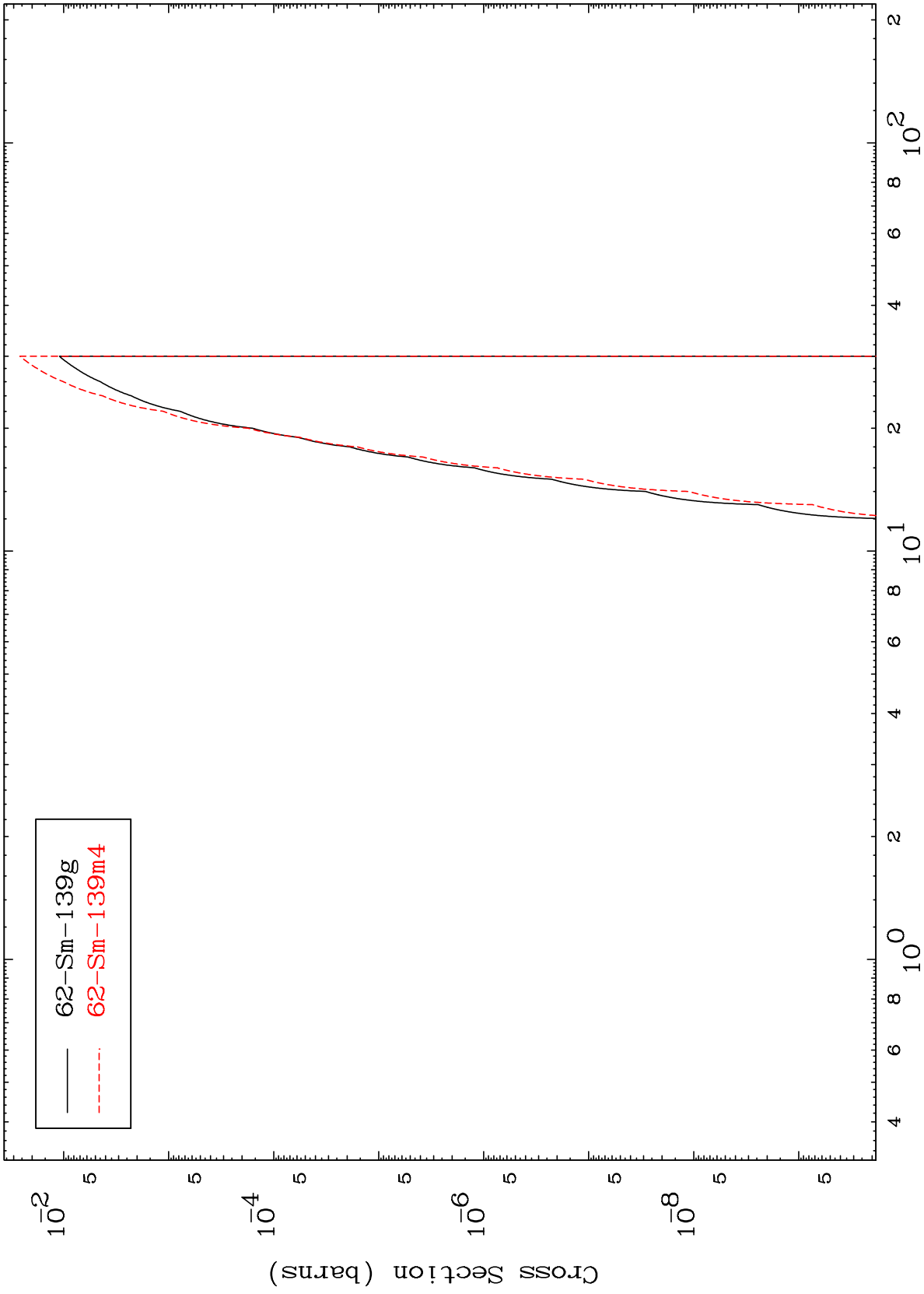
64-Gd-143

MAT 6399

(d,n') p  $\alpha$

64-Gd-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

64-Gd-143

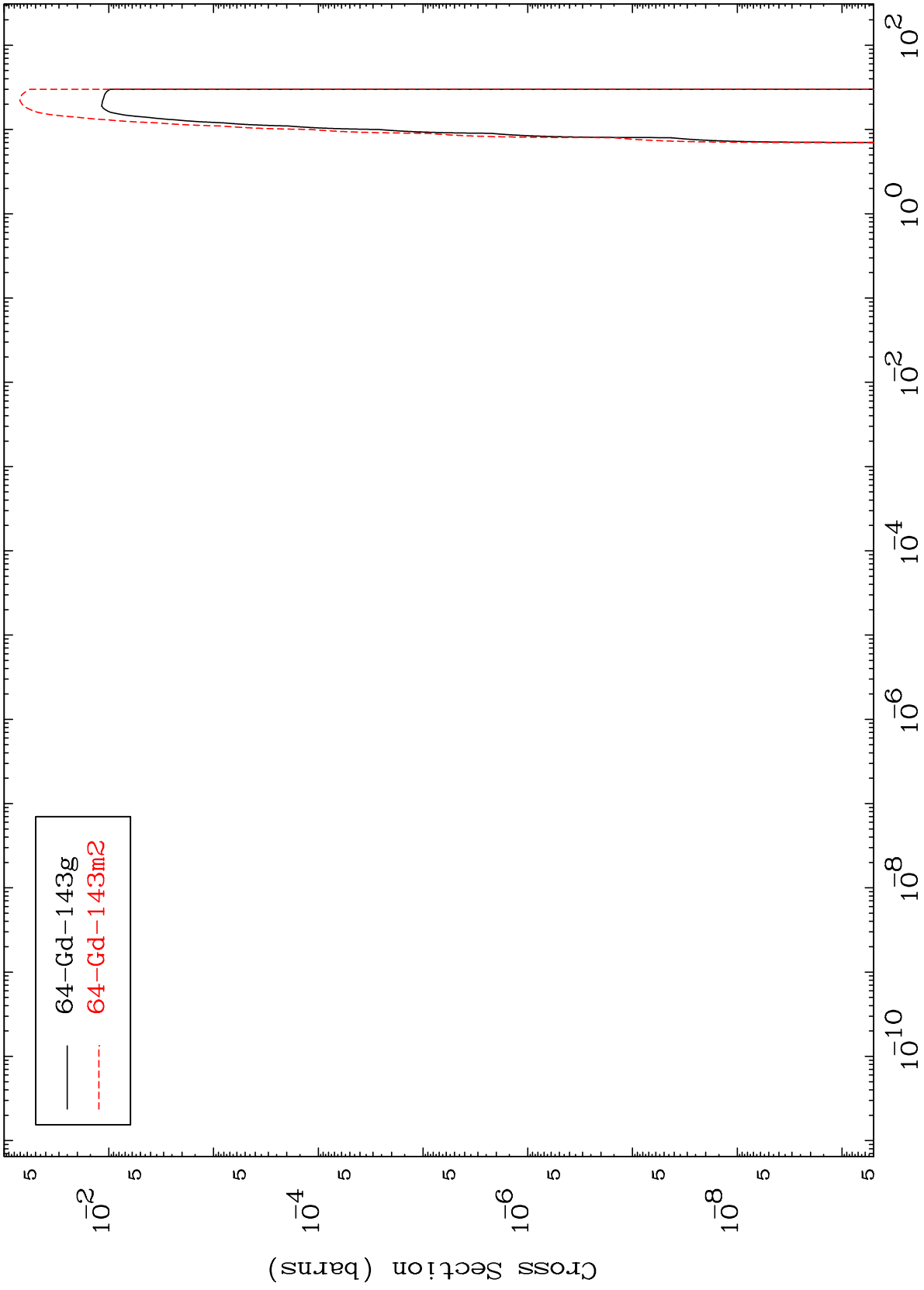


MAT 6399

(d,d)

64-Gd-143

Radionuclide Production Cross Section



24

Incident Energy (MeV)

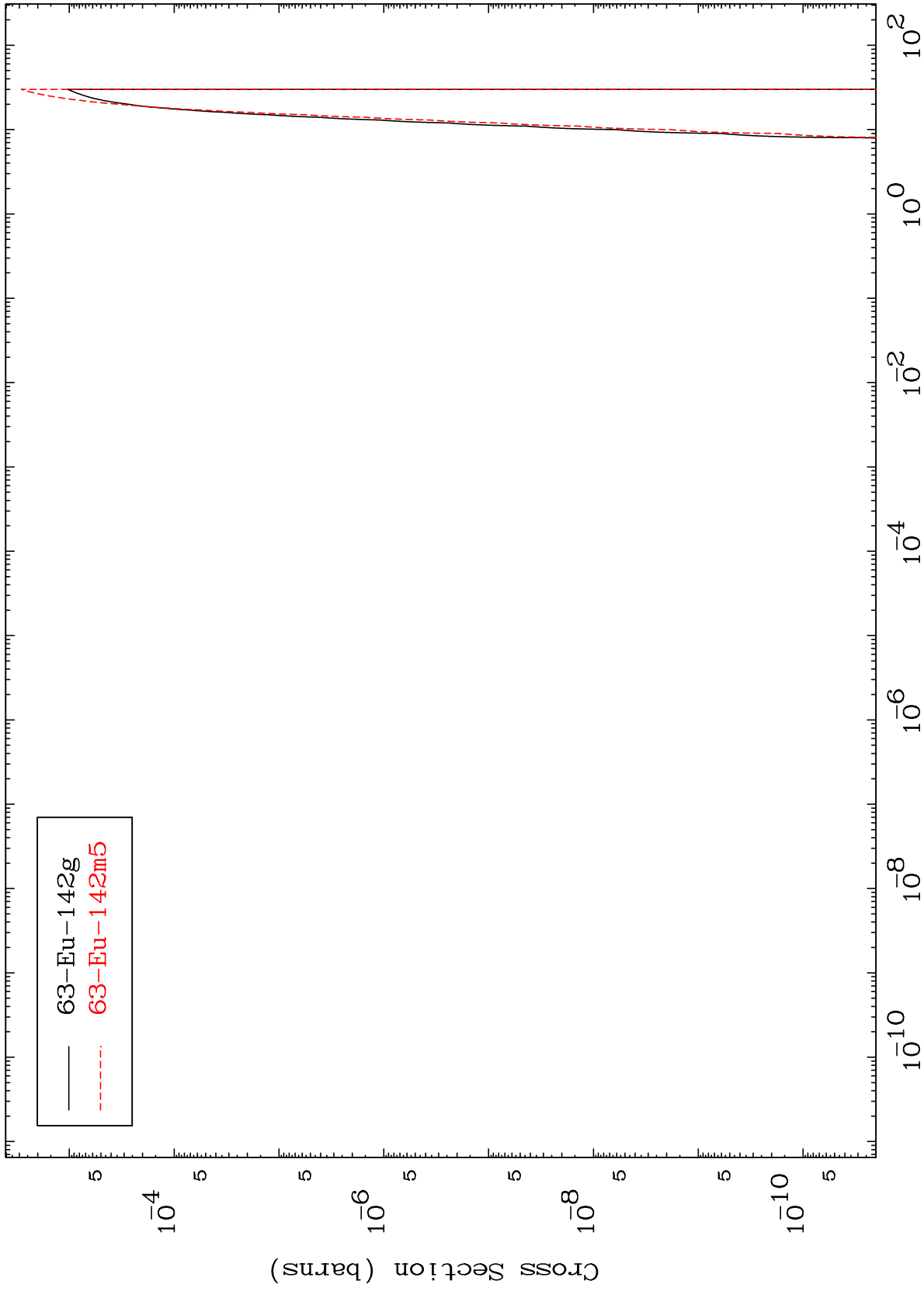
64-Gd-143

MAT 6399

(d, He-3)

64-Gd-143

Radionuclide Production Cross Section



25

Incident Energy (MeV)

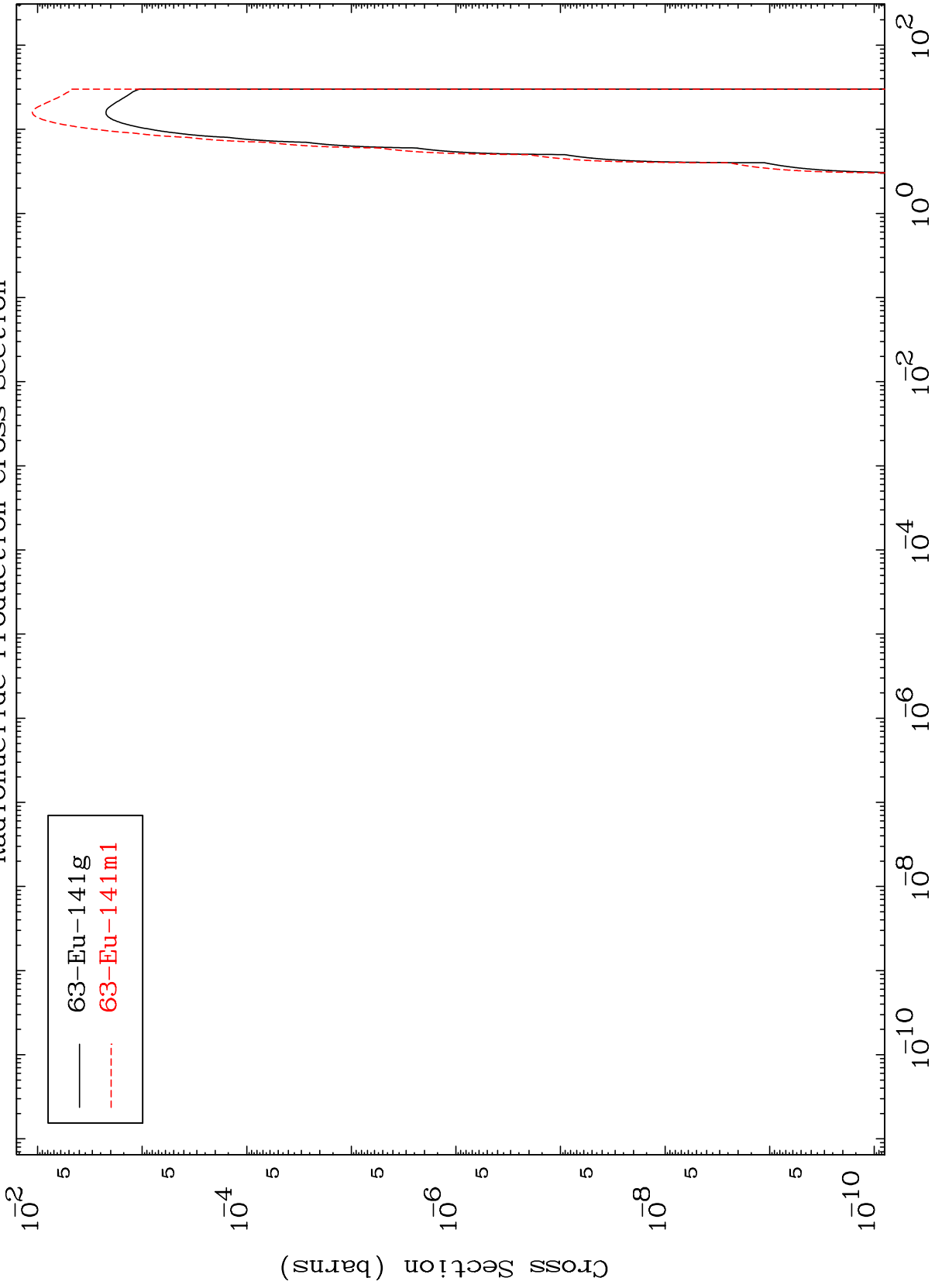
64-Gd-143

MAT 6399

(d,  $\alpha$ )

64-Gd-143

Radionuclide Production Cross Section

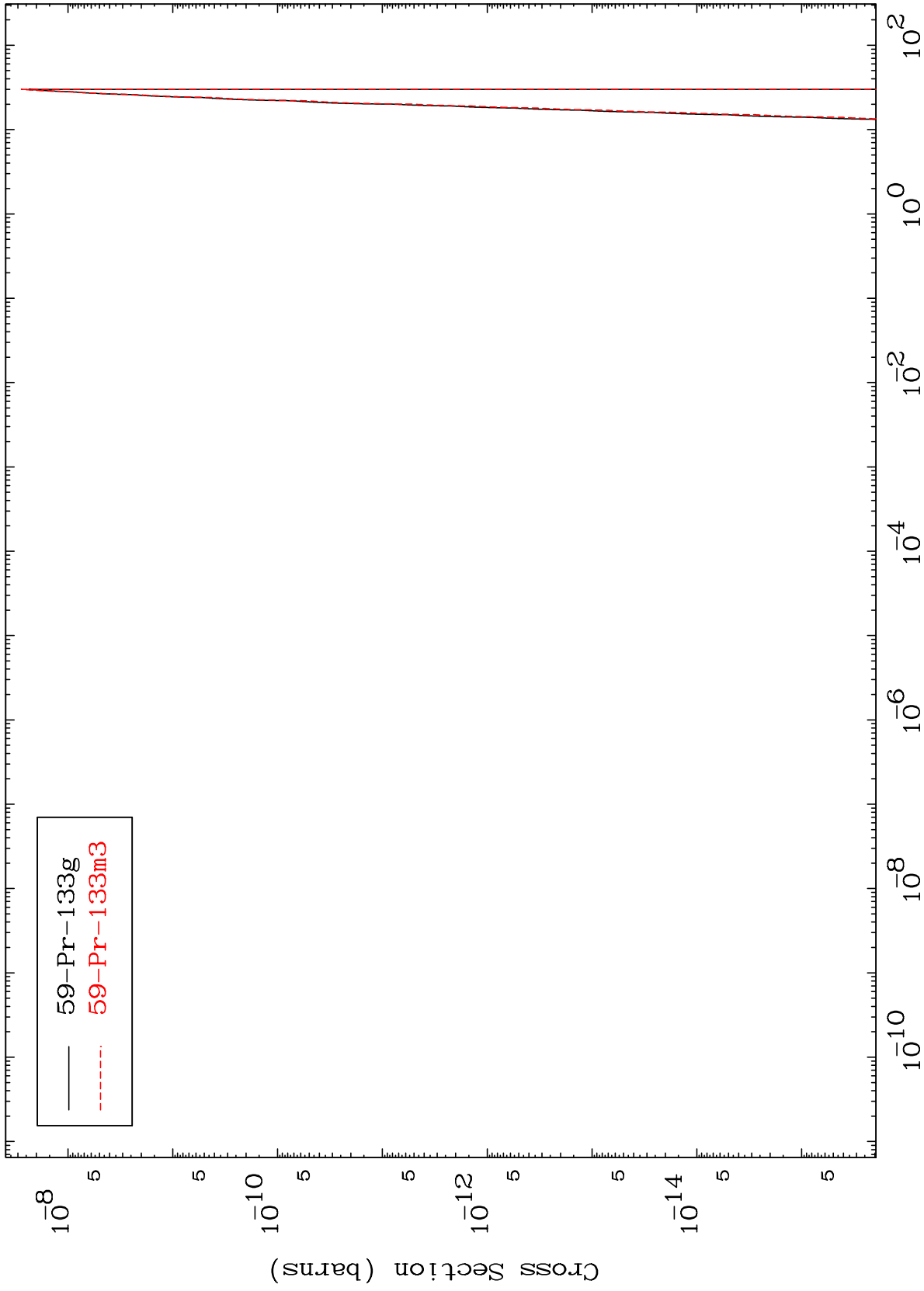


MAT 6399

(d,3 $\alpha$ )

64-Gd-143

Radionuclide Production Cross Section



27

Incident Energy (MeV)

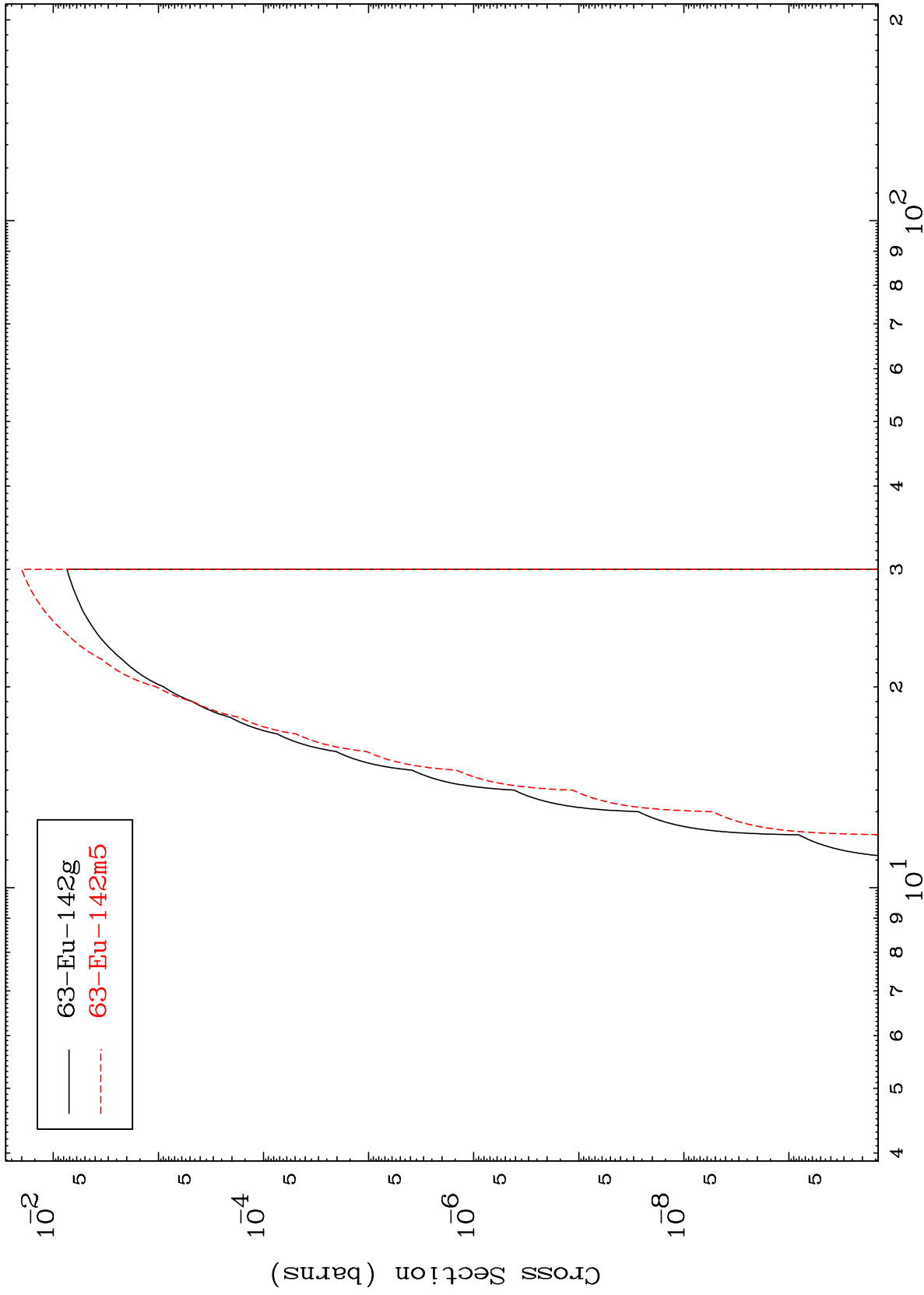
64-Gd-143

MAT 6399

(d,p) d

64-Gd-143

Radionuclide Production Cross Section



28

Incident Energy (MeV)

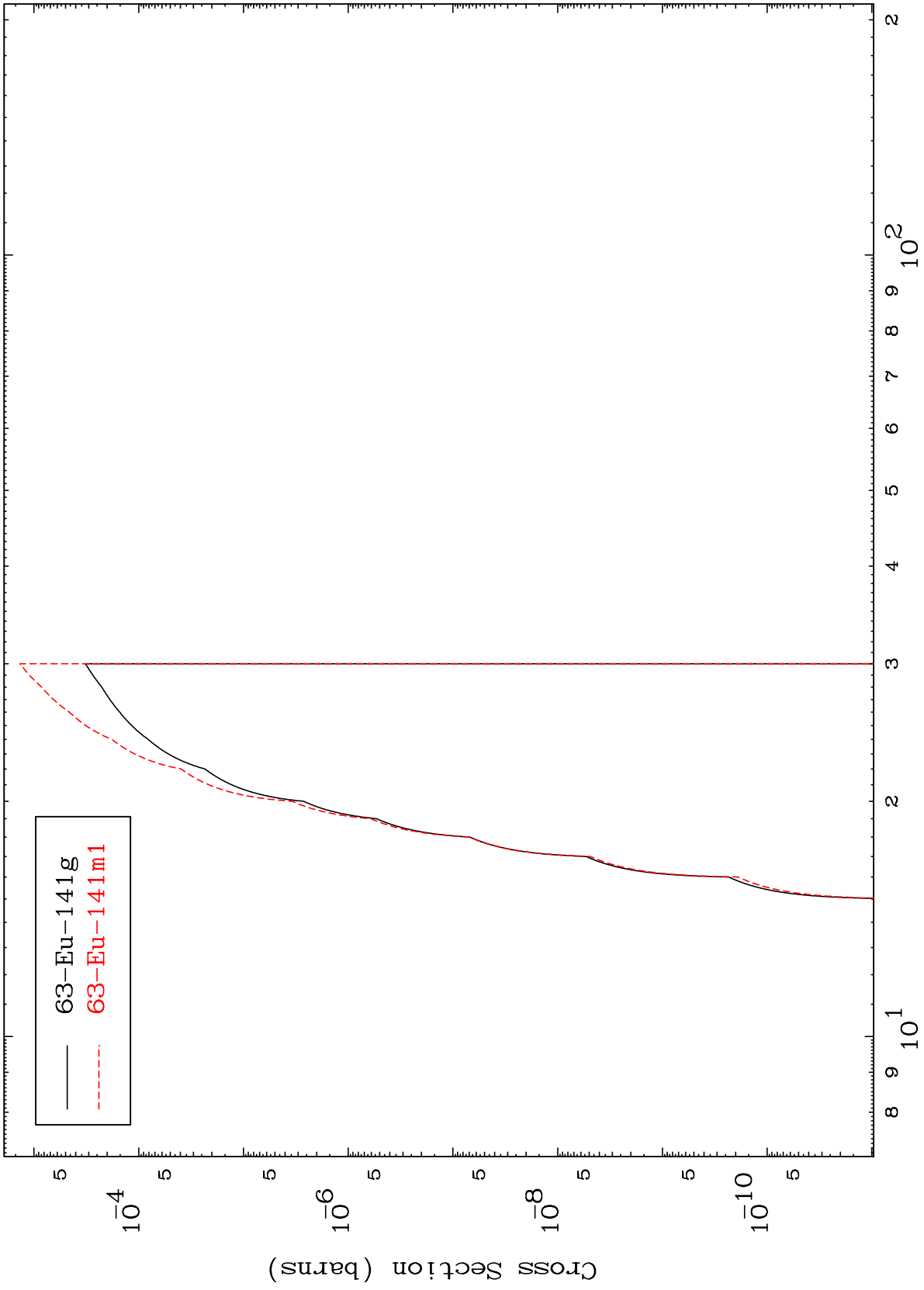
64-Gd-143

MAT 6399

(d,p) t

64-Gd-143

Radionuclide Production Cross Section



29

Incident Energy (MeV)

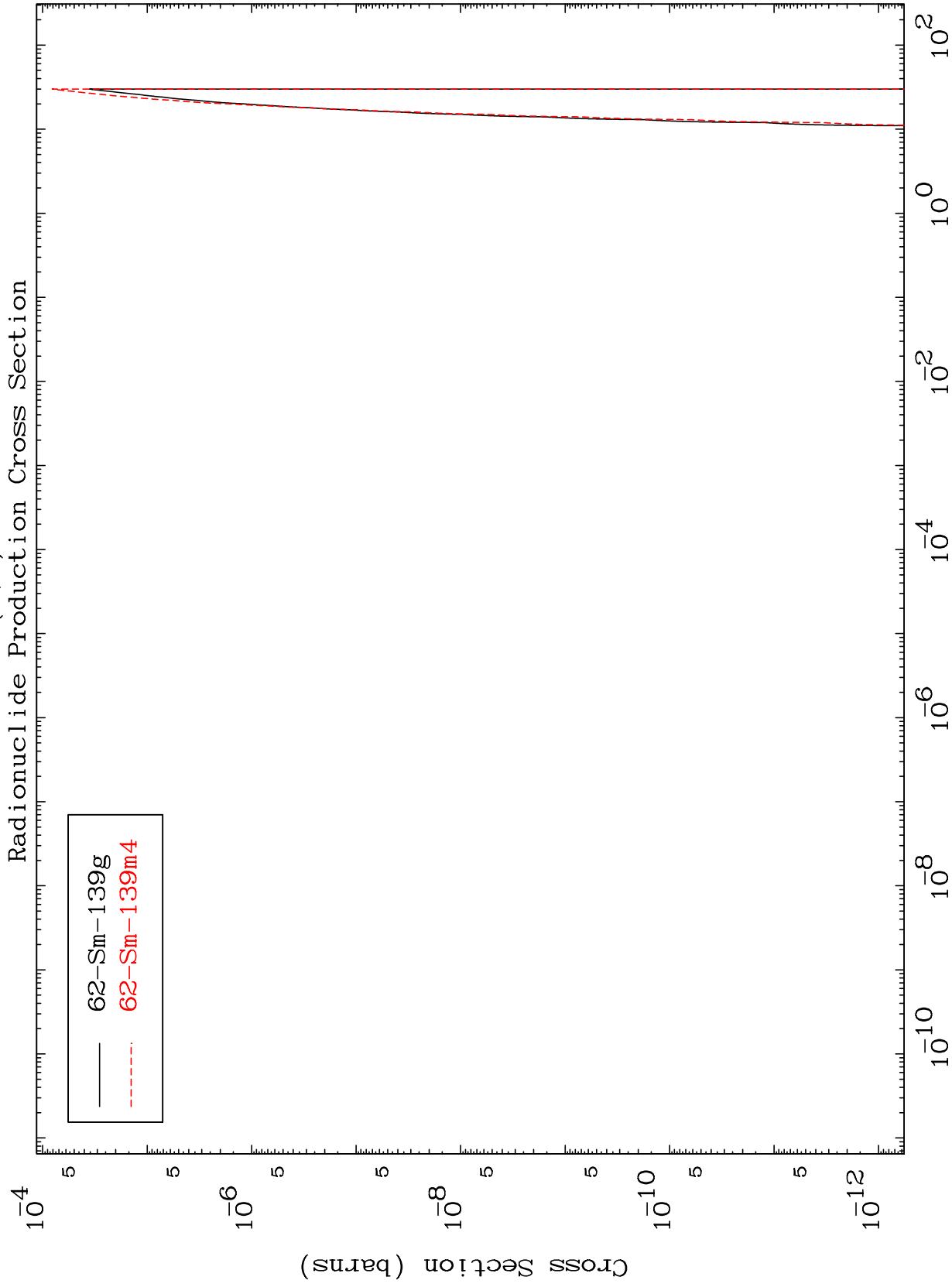
64-Gd-143

MAT 6399

(d,d)  $\alpha$

64-Gd-143

Radionuclide Production Cross Section



30

Incident Energy (MeV)

64-Gd-143