

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

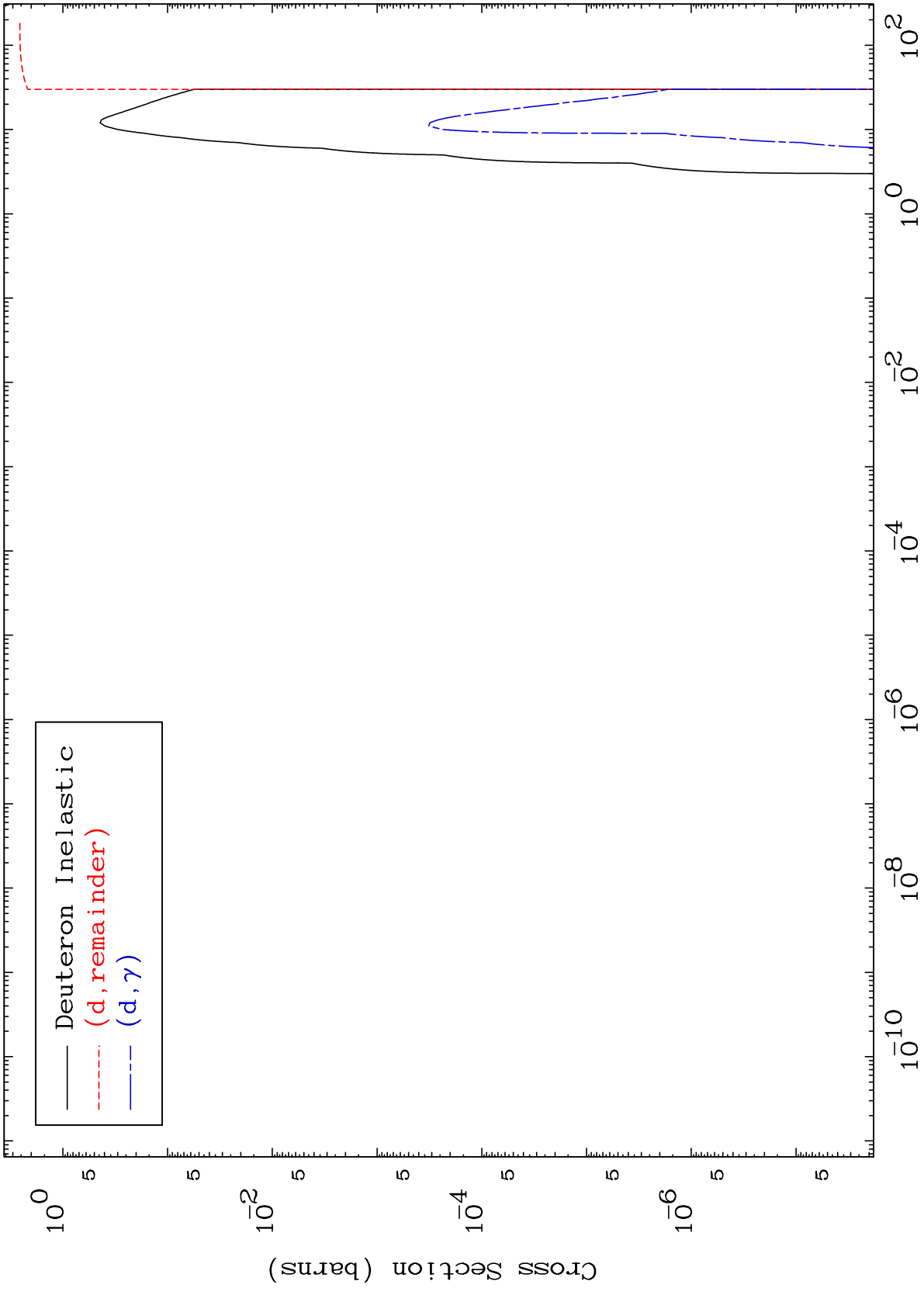
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

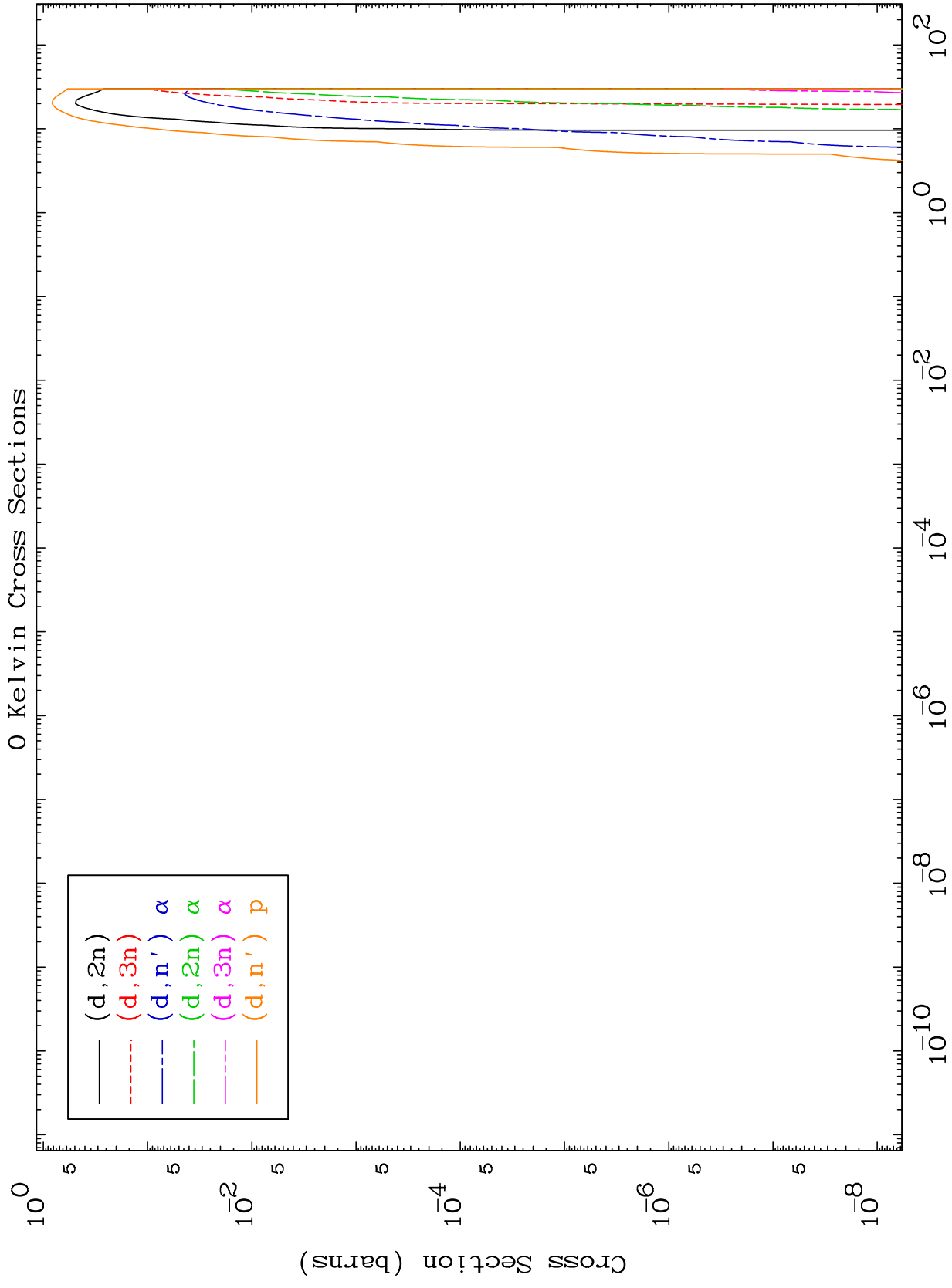
Press Mouse Button to Start



MAT 6490

Deuteron Neutron Production  
0 Kelvin Cross Sections

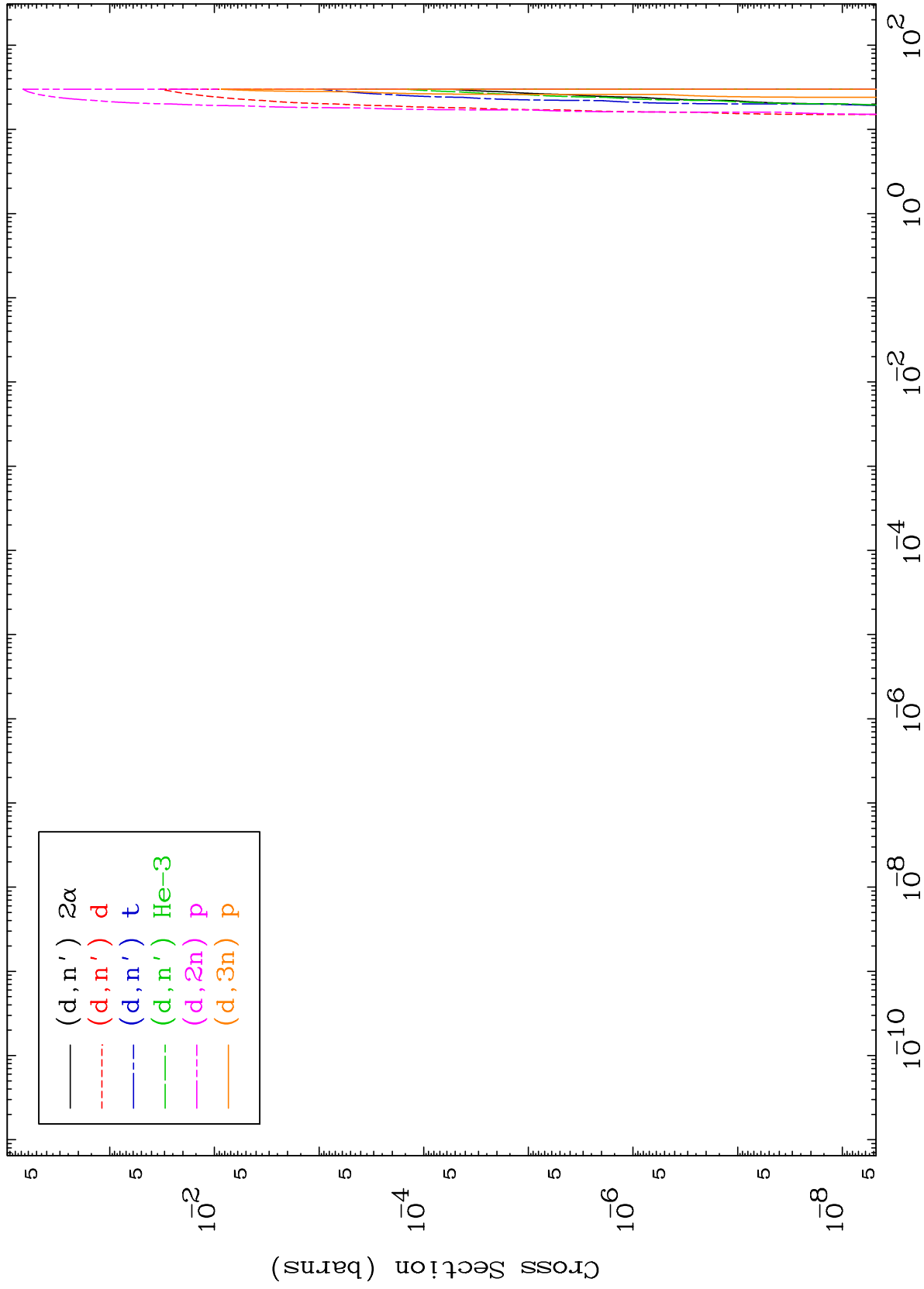
65-Tb-147



MAT 6490

Deuteron Neutron Production  
0 Kelvin Cross Sections

65-Tb-147



3

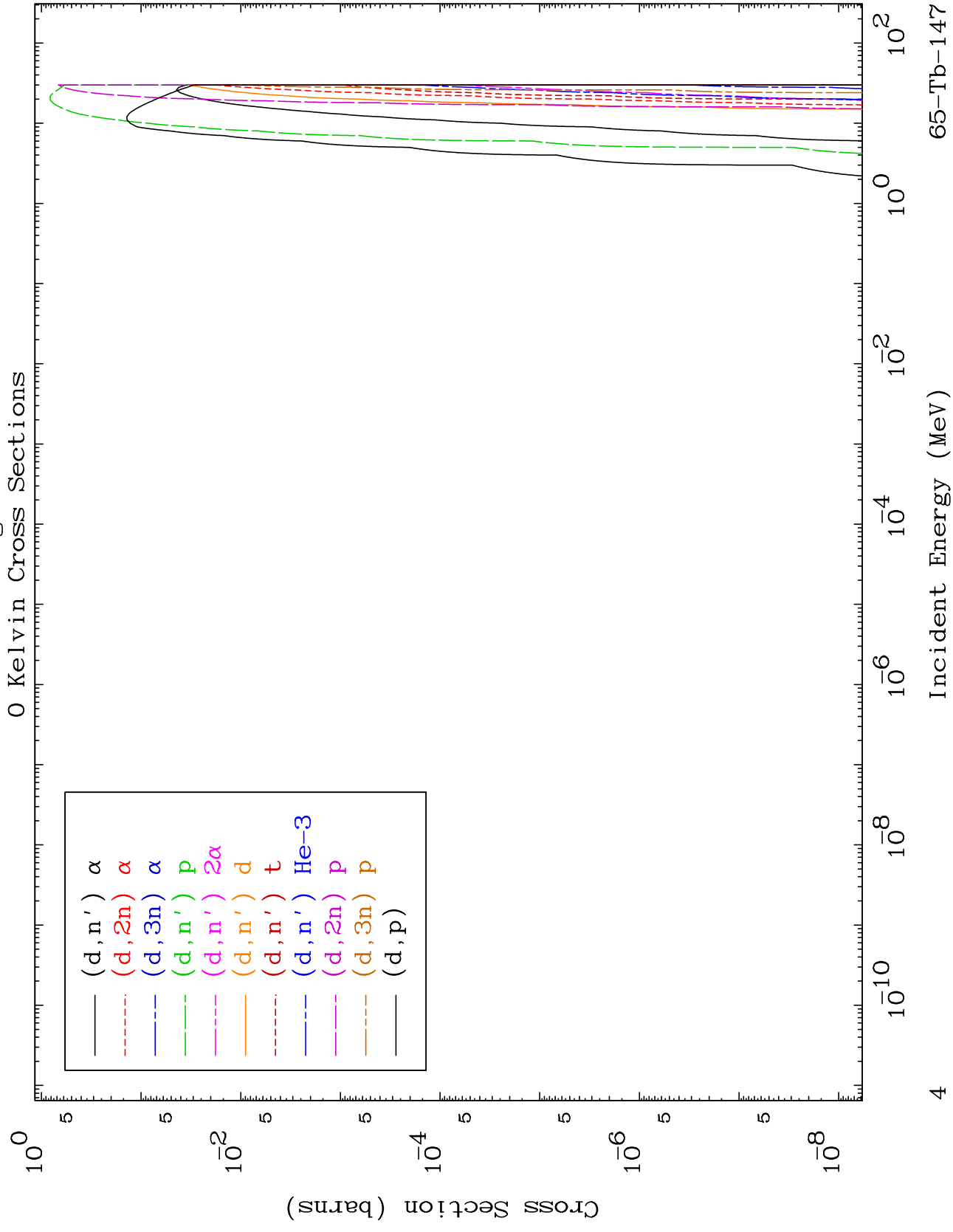
Incident Energy (MeV)

65-Tb-147

MAT 6490

Deuteron Charged Particle  
0 Kelvin Cross Sections

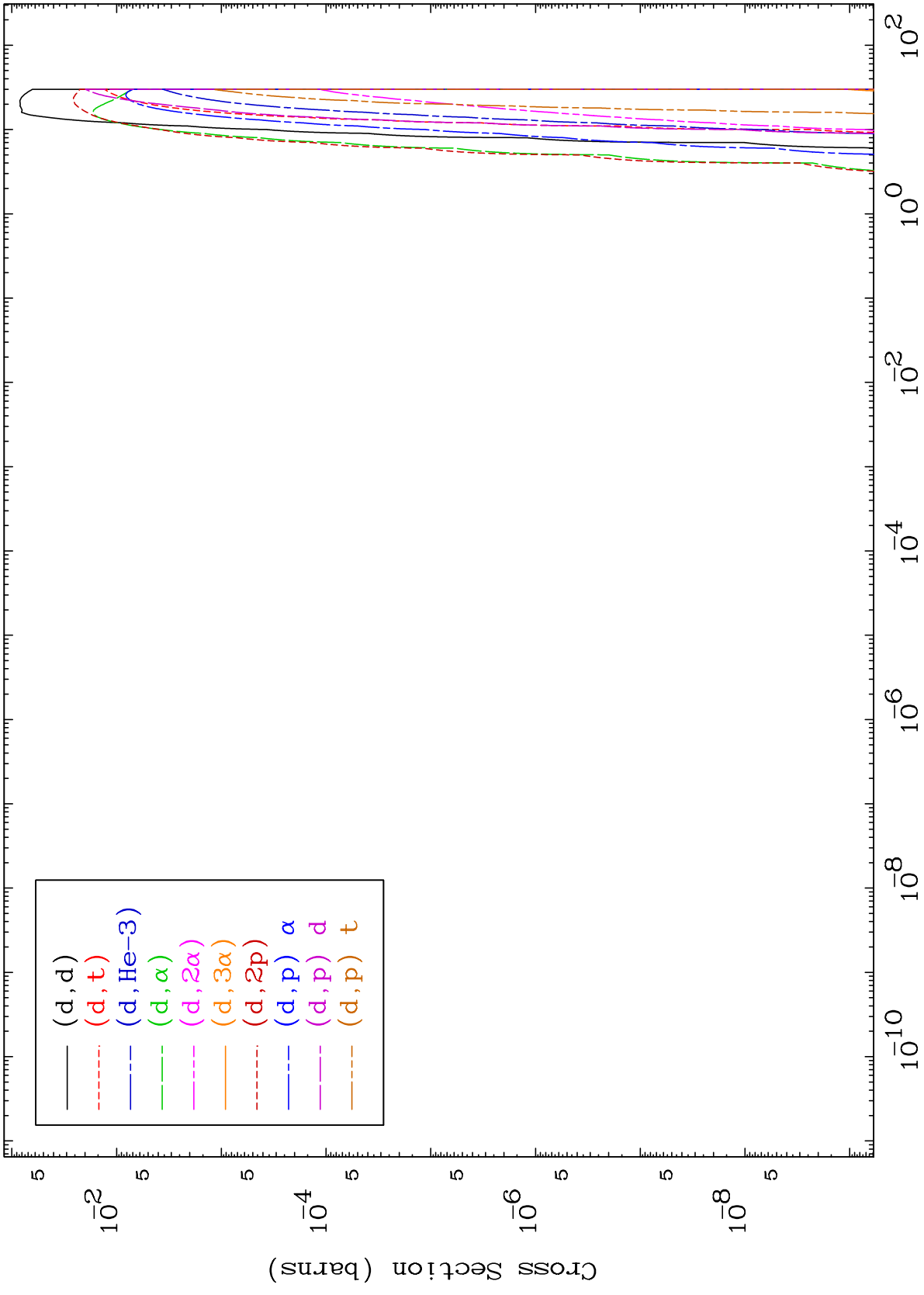
65-Tb-147



MAT 6490

Deuteron Charged Particle  
0 Kelvin Cross Sections

65-Tb-147



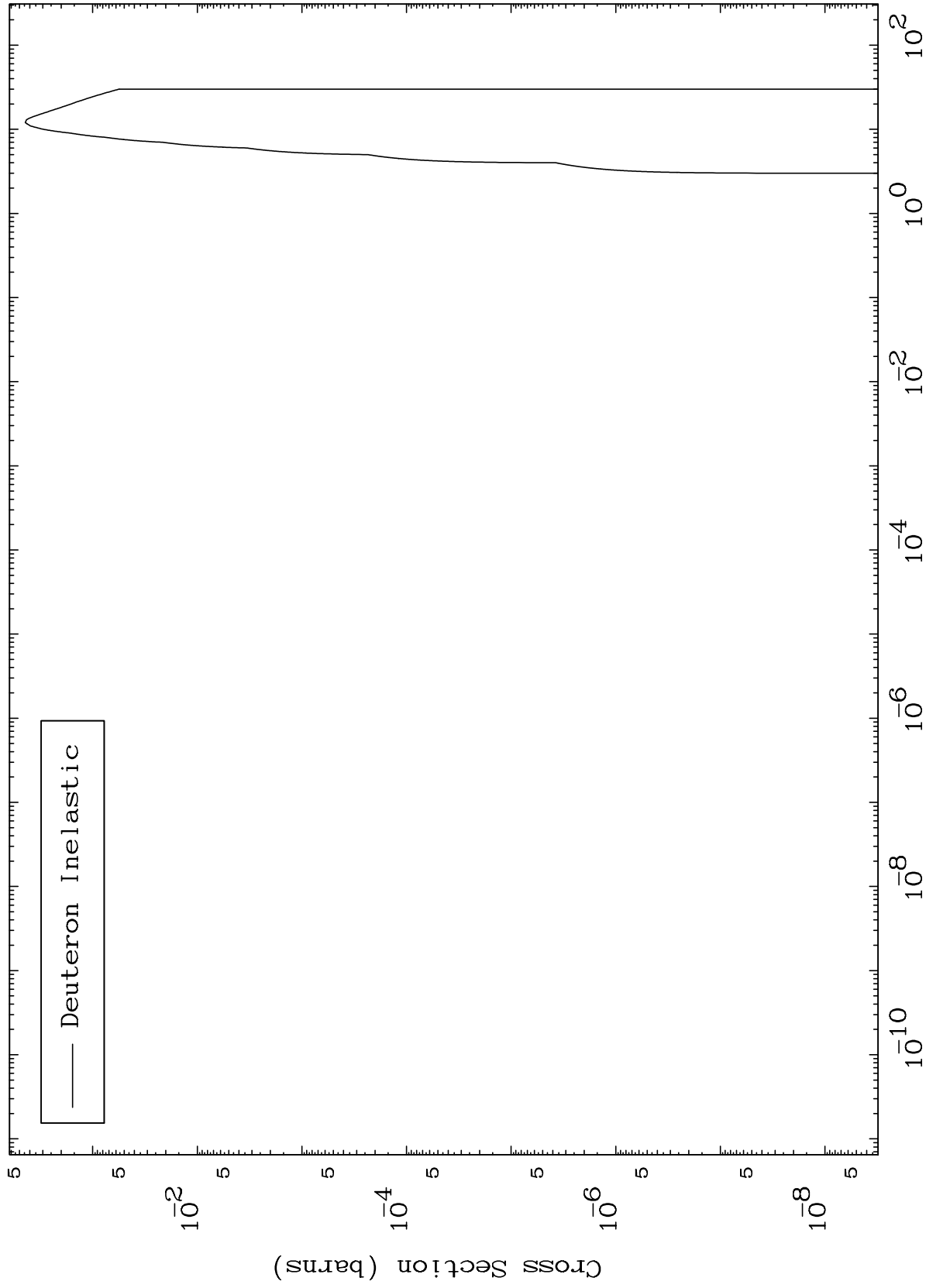
5

65-Tb-147

MAT 6490

(d,n') Level  
0 Kelvin Cross Sections

65-Tb-147

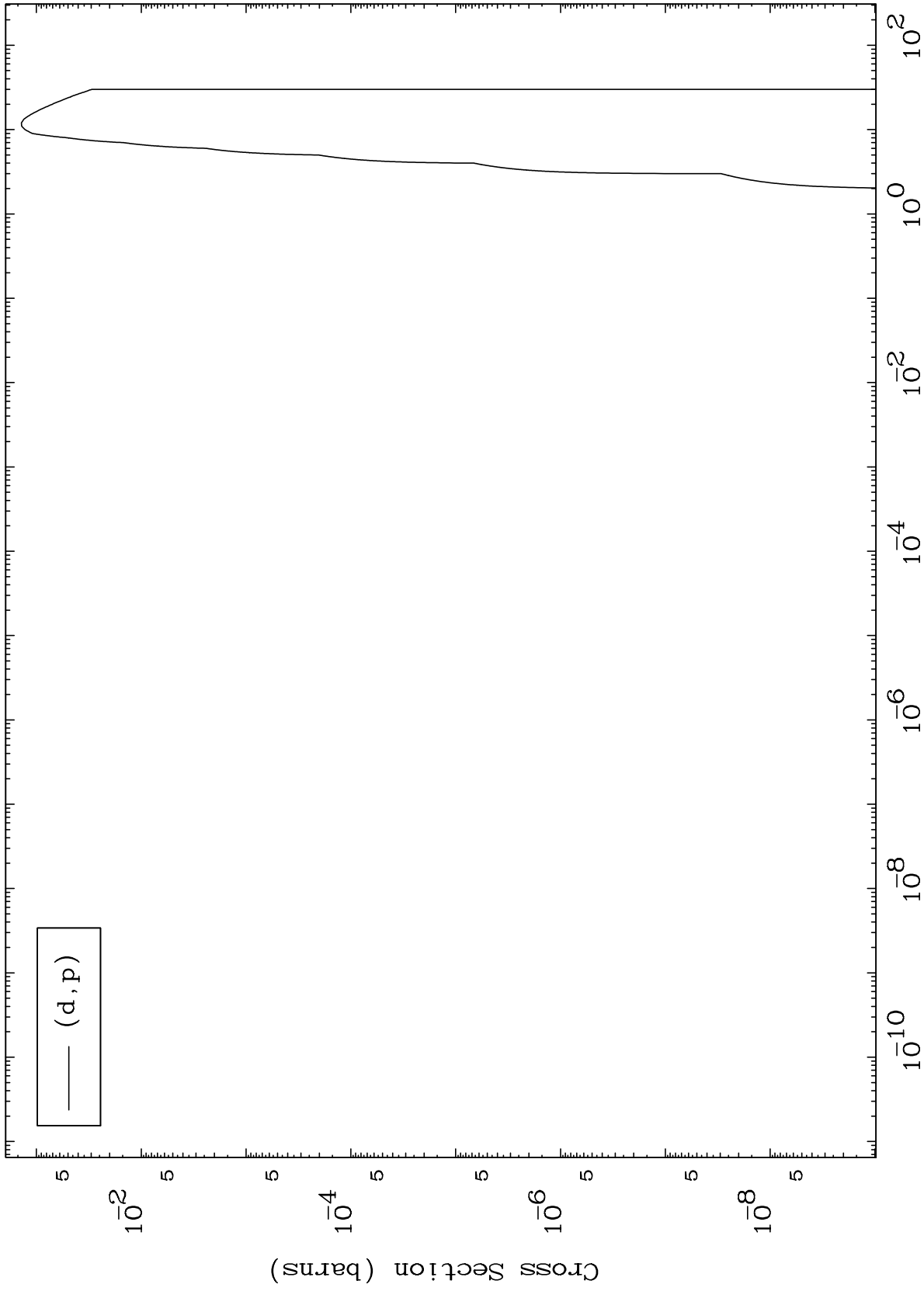


— Deuteron Inelastic

MAT 6490

(d,p) Levels  
0 Kelvin Cross Sections

65-Tb-147



7

Incident Energy (MeV)

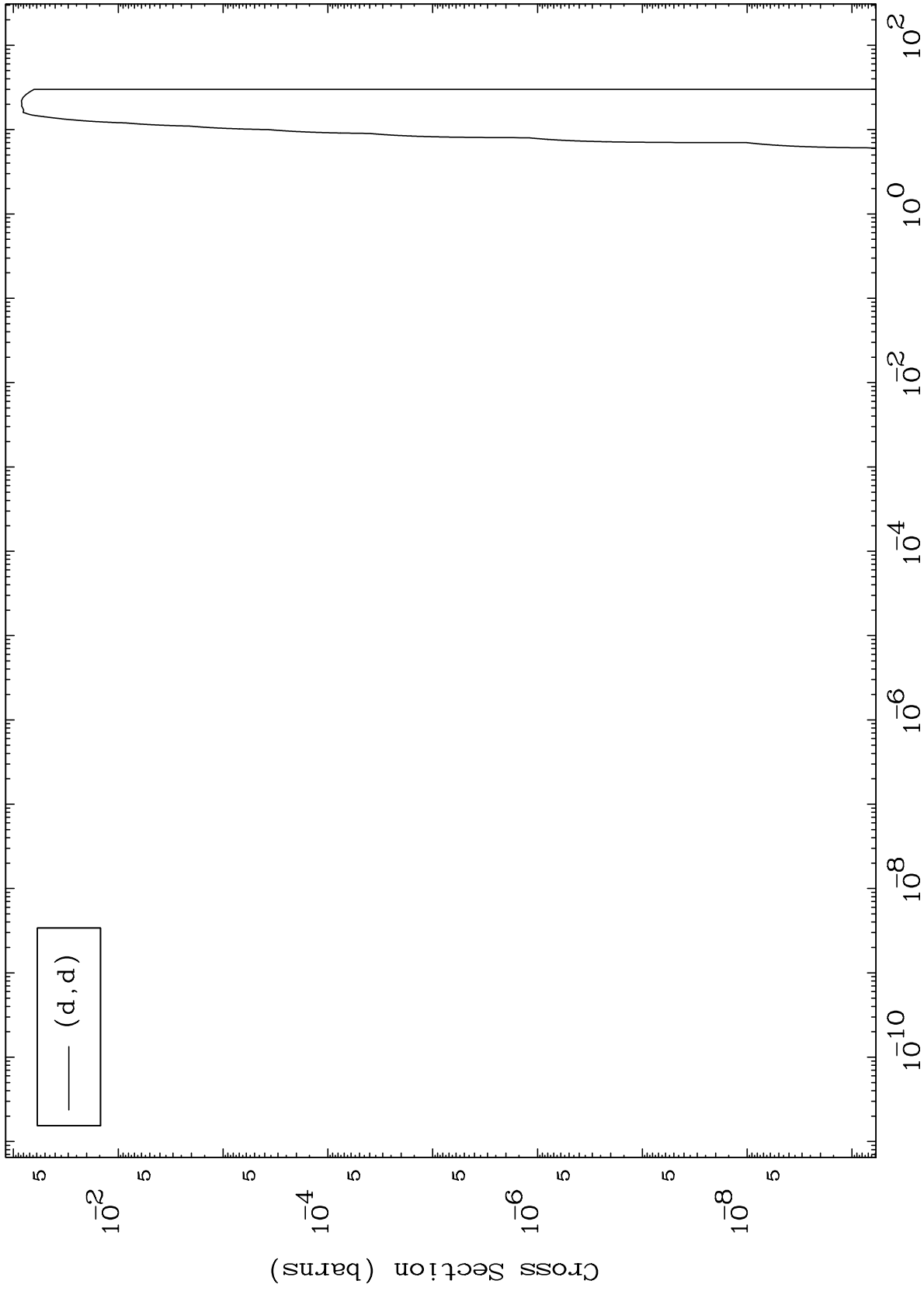
65-Tb-147



MAT 6490

(d,d) Levels  
0 Kelvin Cross Sections

65-Tb-147



8

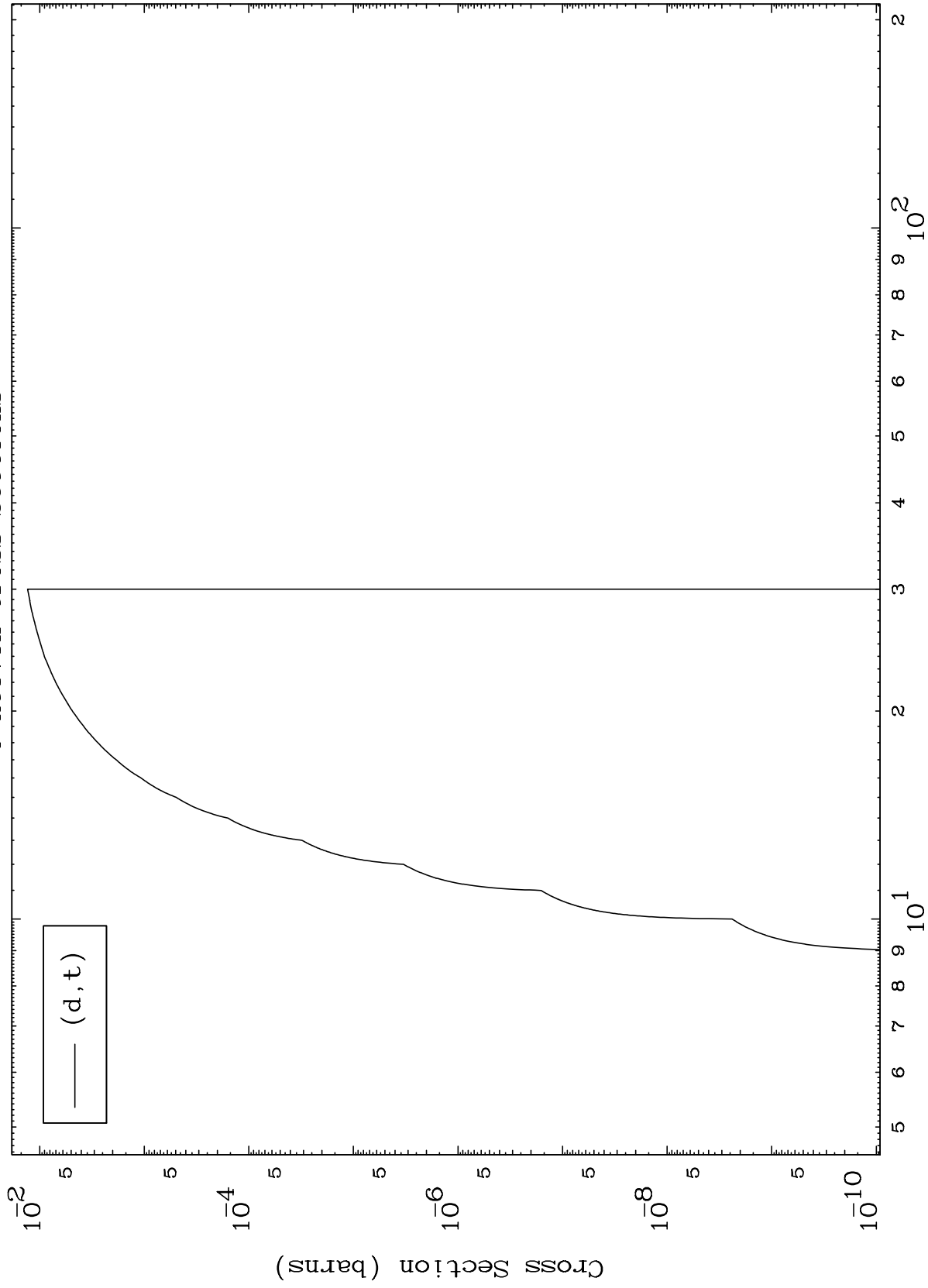
Incident Energy (MeV)

65-Tb-147

MAT 6490

(d,t) Levels  
0 Kelvin Cross Sections

65-Tb-147



9

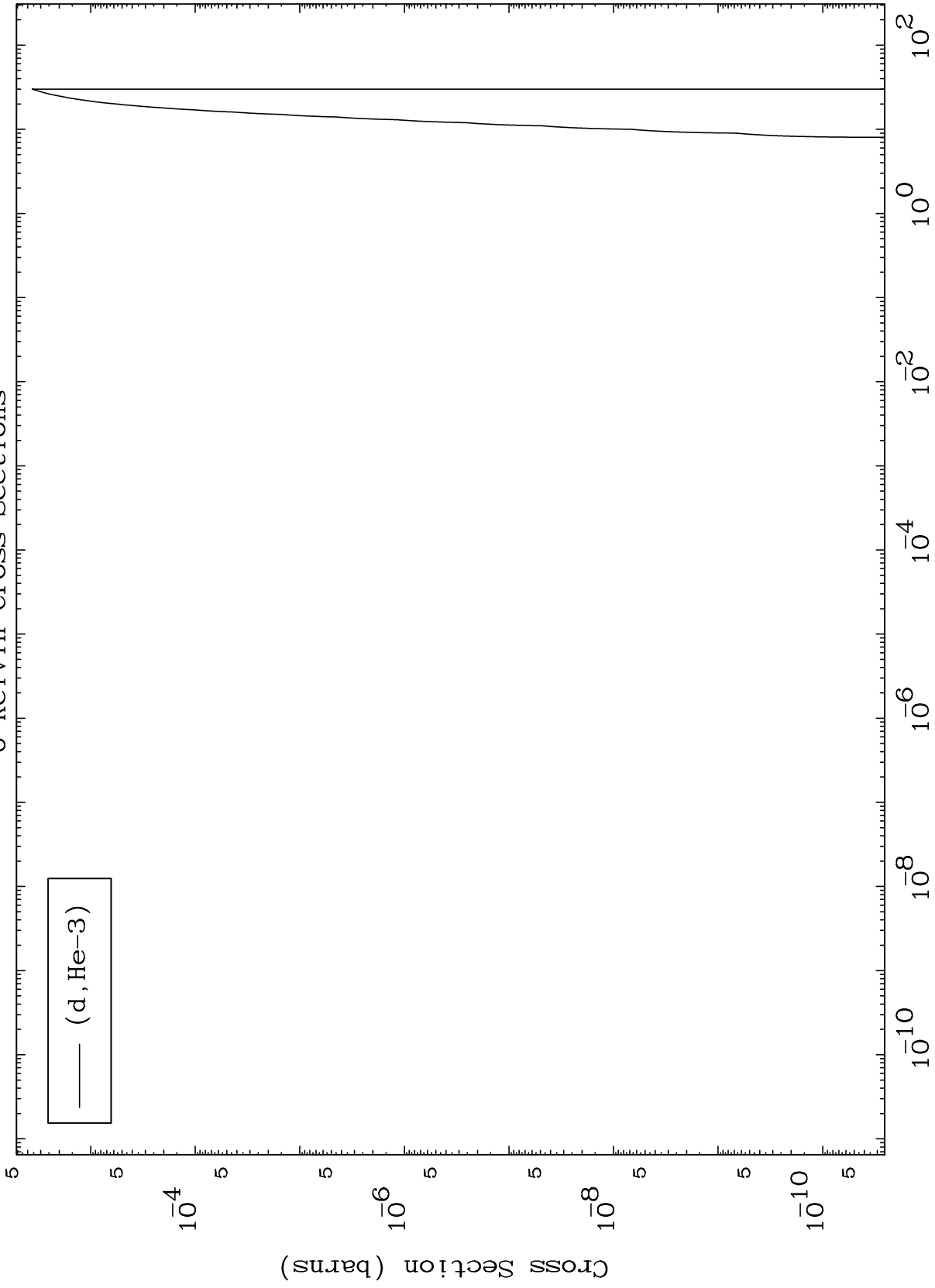
Incident Energy (MeV)

65-Tb-147

MAT 6490

(d,He3) Levels  
0 Kelvin Cross Sections

65-Tb-147



10

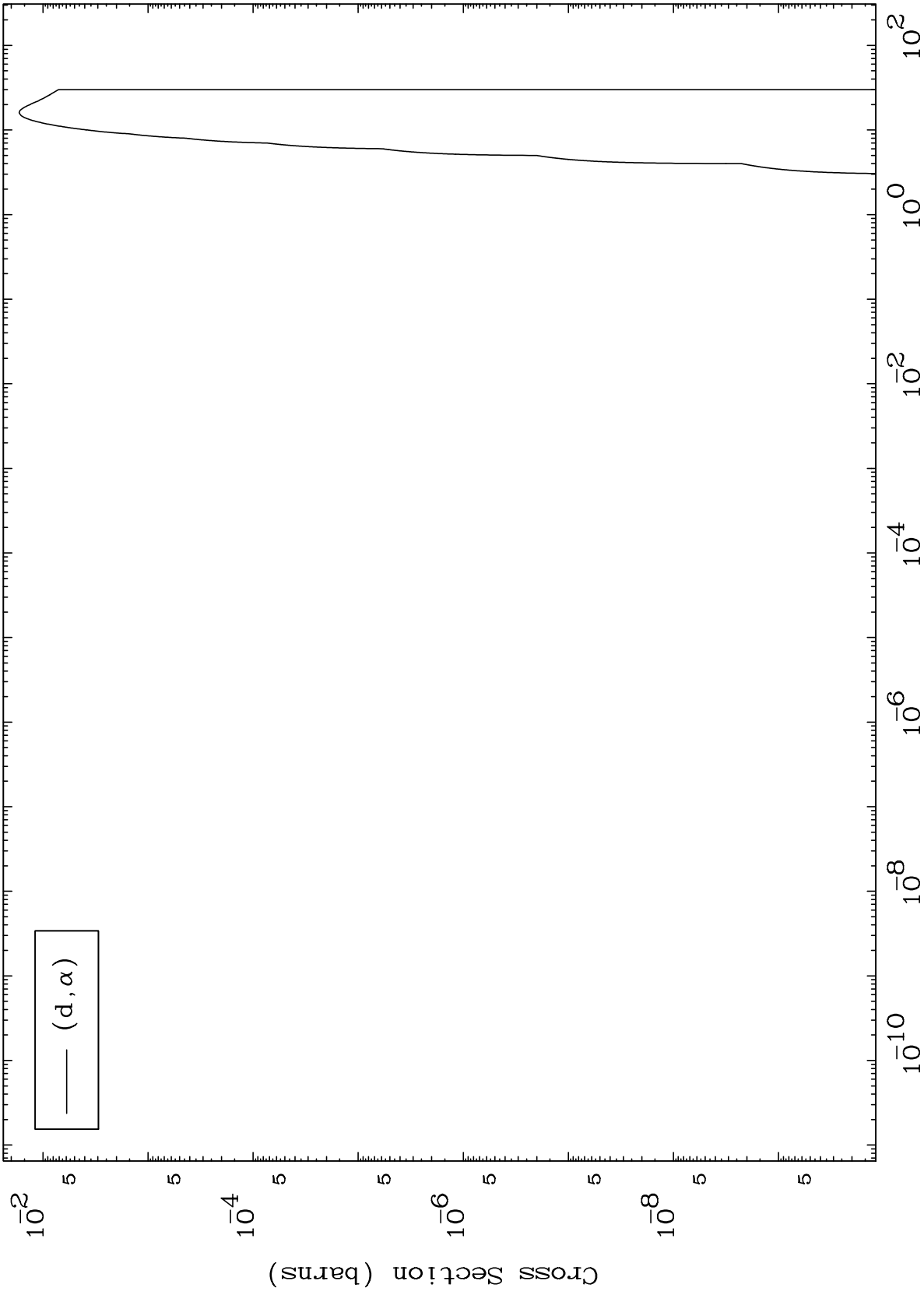
Incident Energy (MeV)

65-Tb-147

MAT 6490

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

65-Tb-147

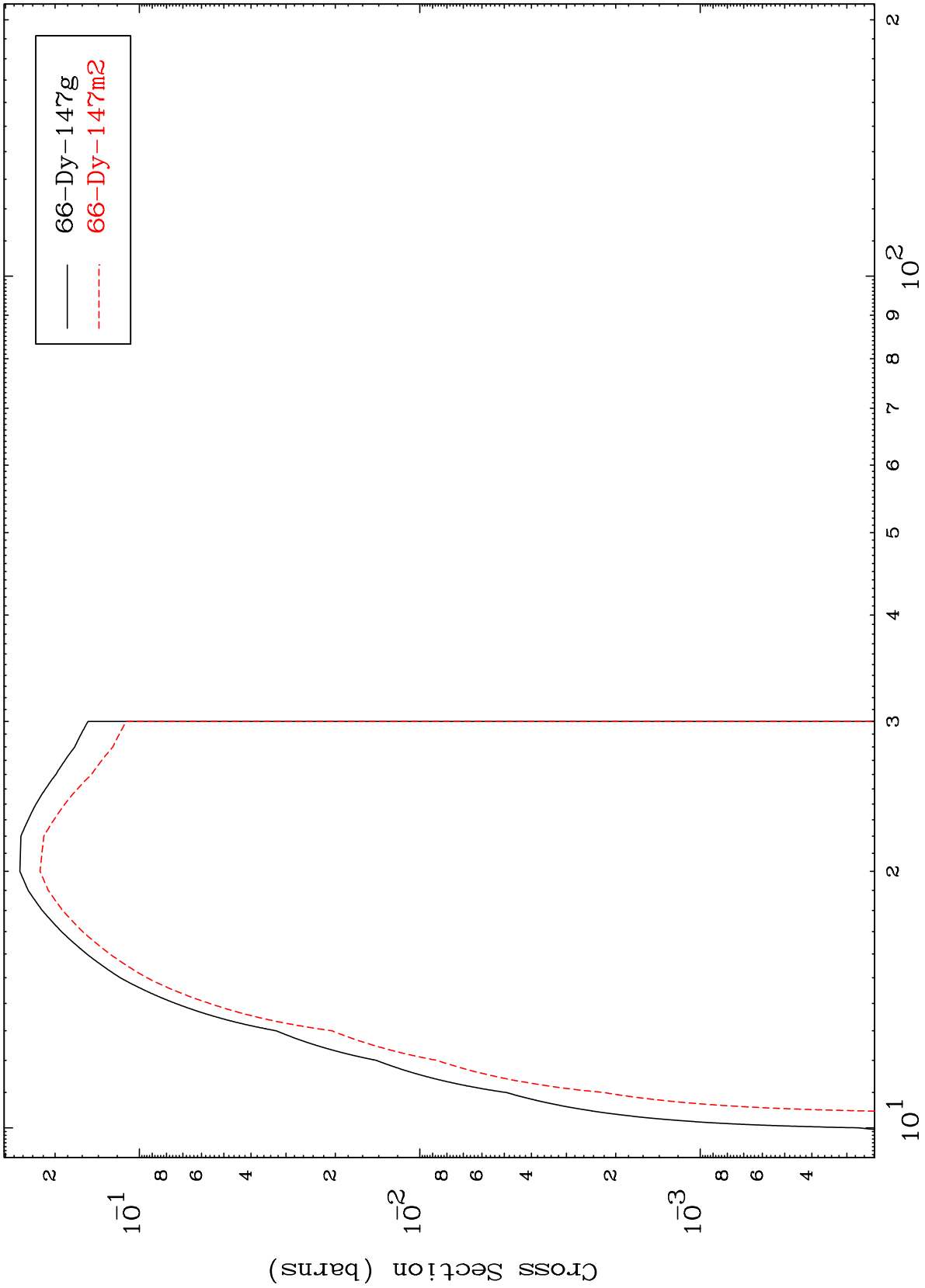


MAT 6490

(d,2n)

65-Tb-147

Radionuclide Production Cross Section



12

Incident Energy (MeV)

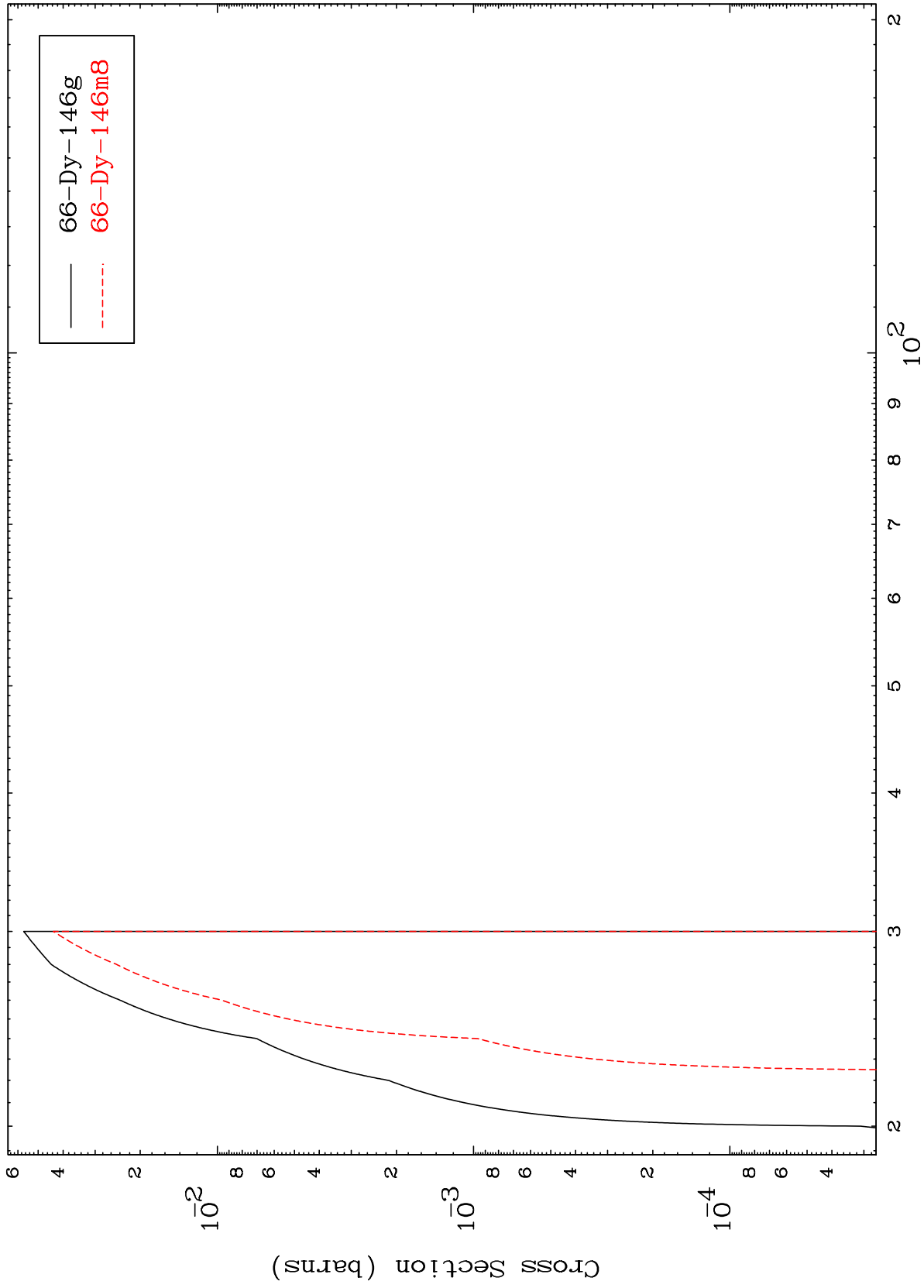
65-Tb-147

MAT 6490

(d,3n)

65-Tb-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

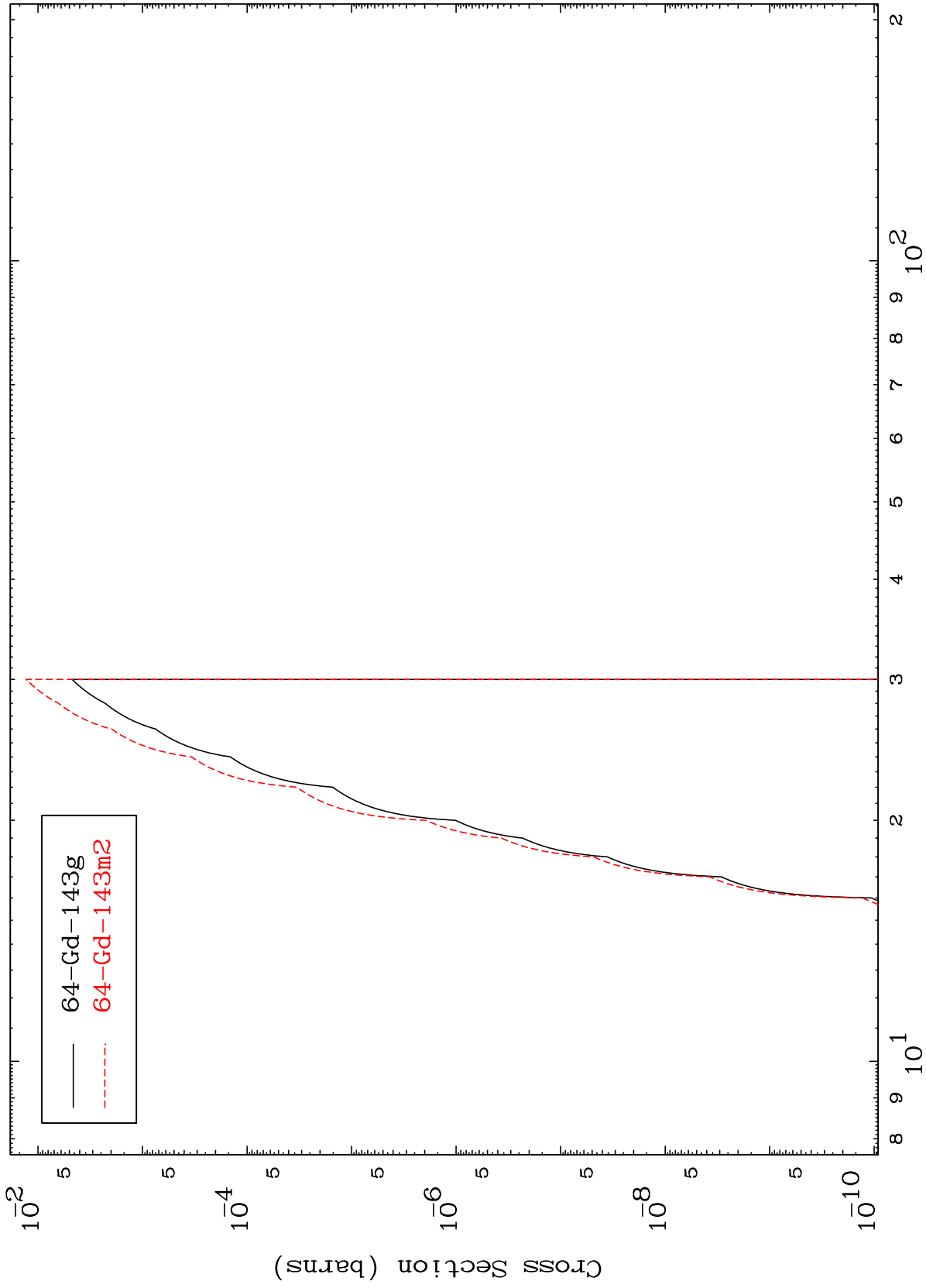
65-Tb-147

MAT 6490

(d,2n)  $\alpha$

65-Tb-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

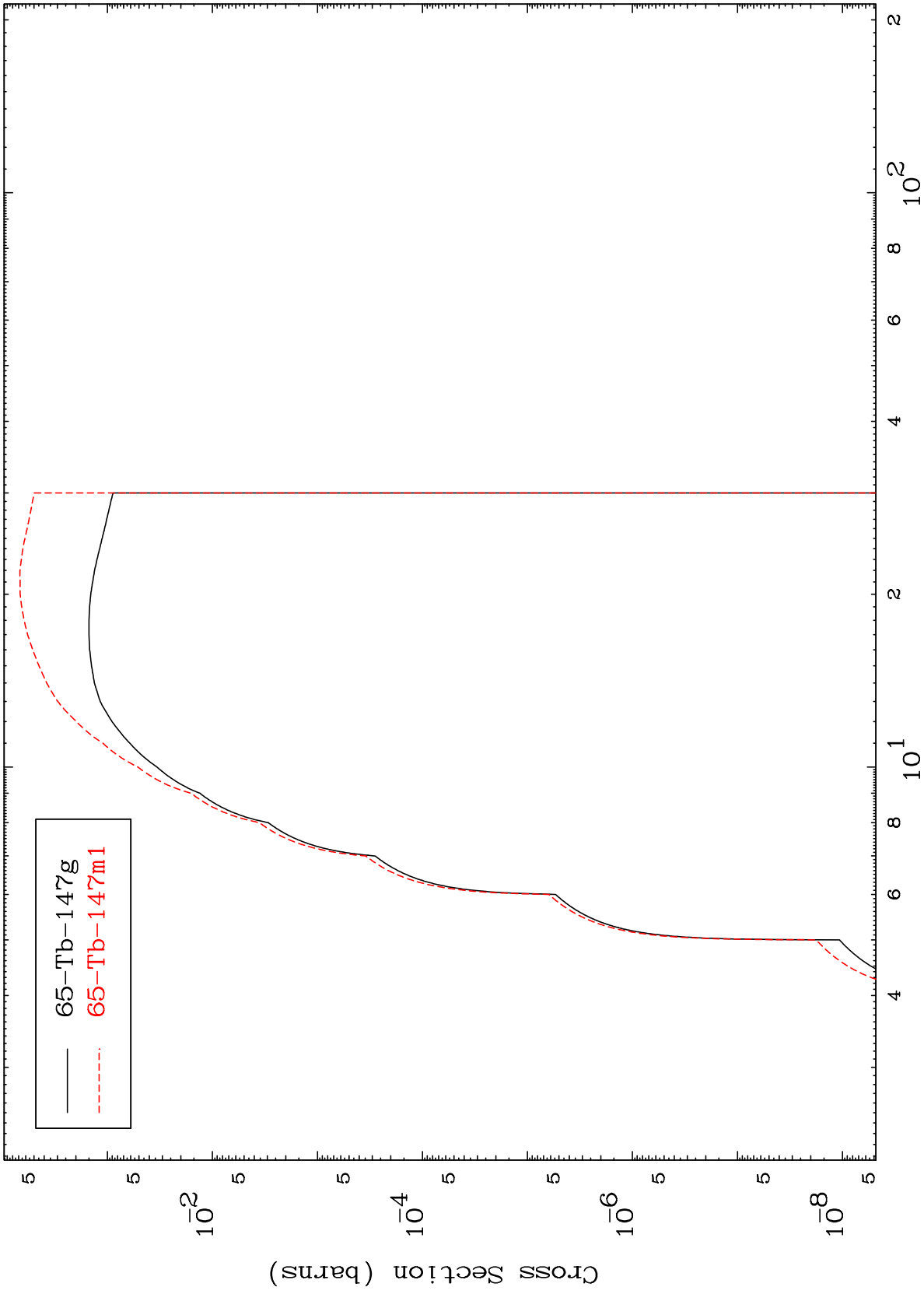
65-Tb-147

MAT 6490

(d,n') p

65-Tb-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

65-Tb-147

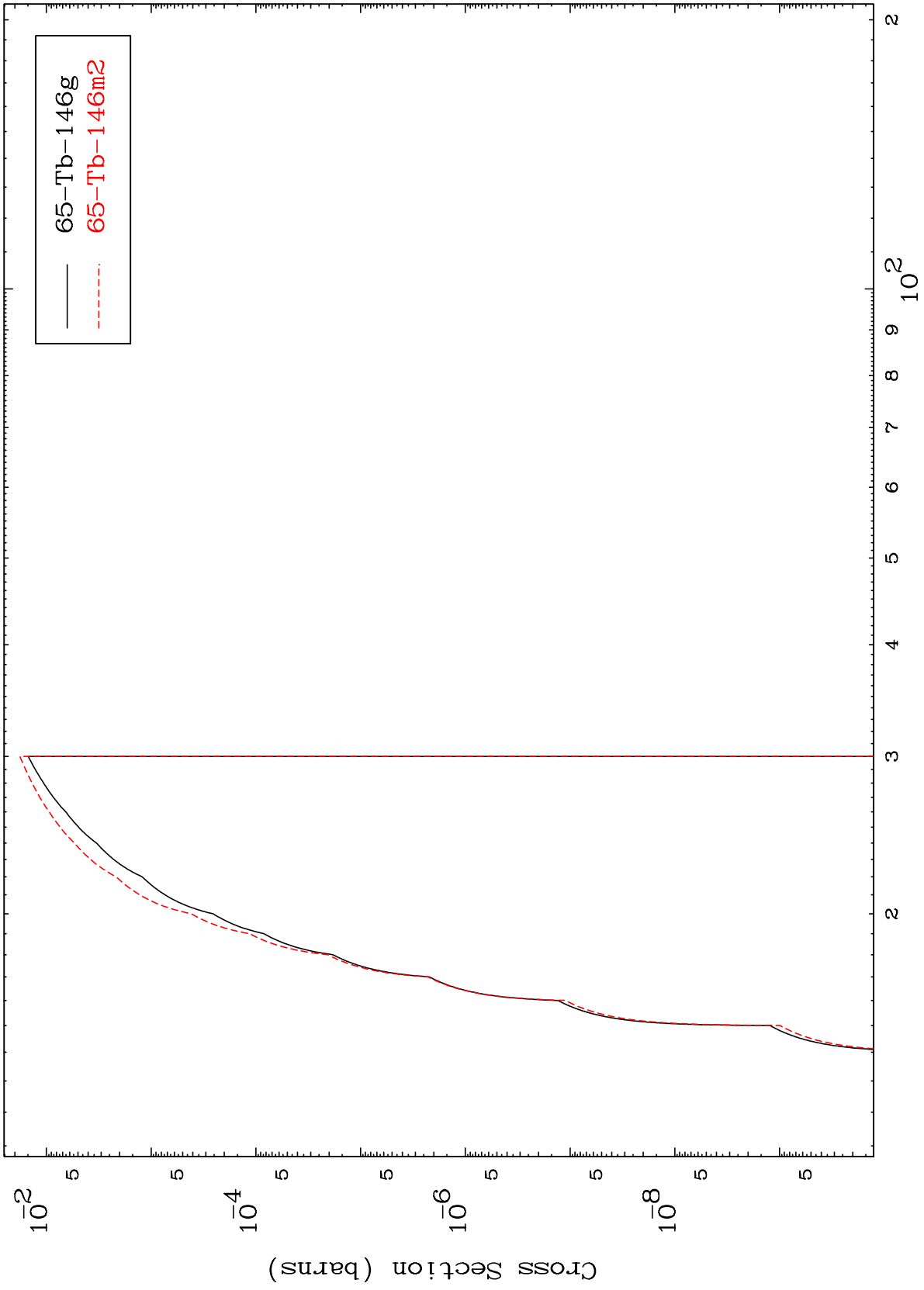


MAT 6490

(d,n') d

65-Tb-147

Radionuclide Production Cross Section



16

Incident Energy (MeV)

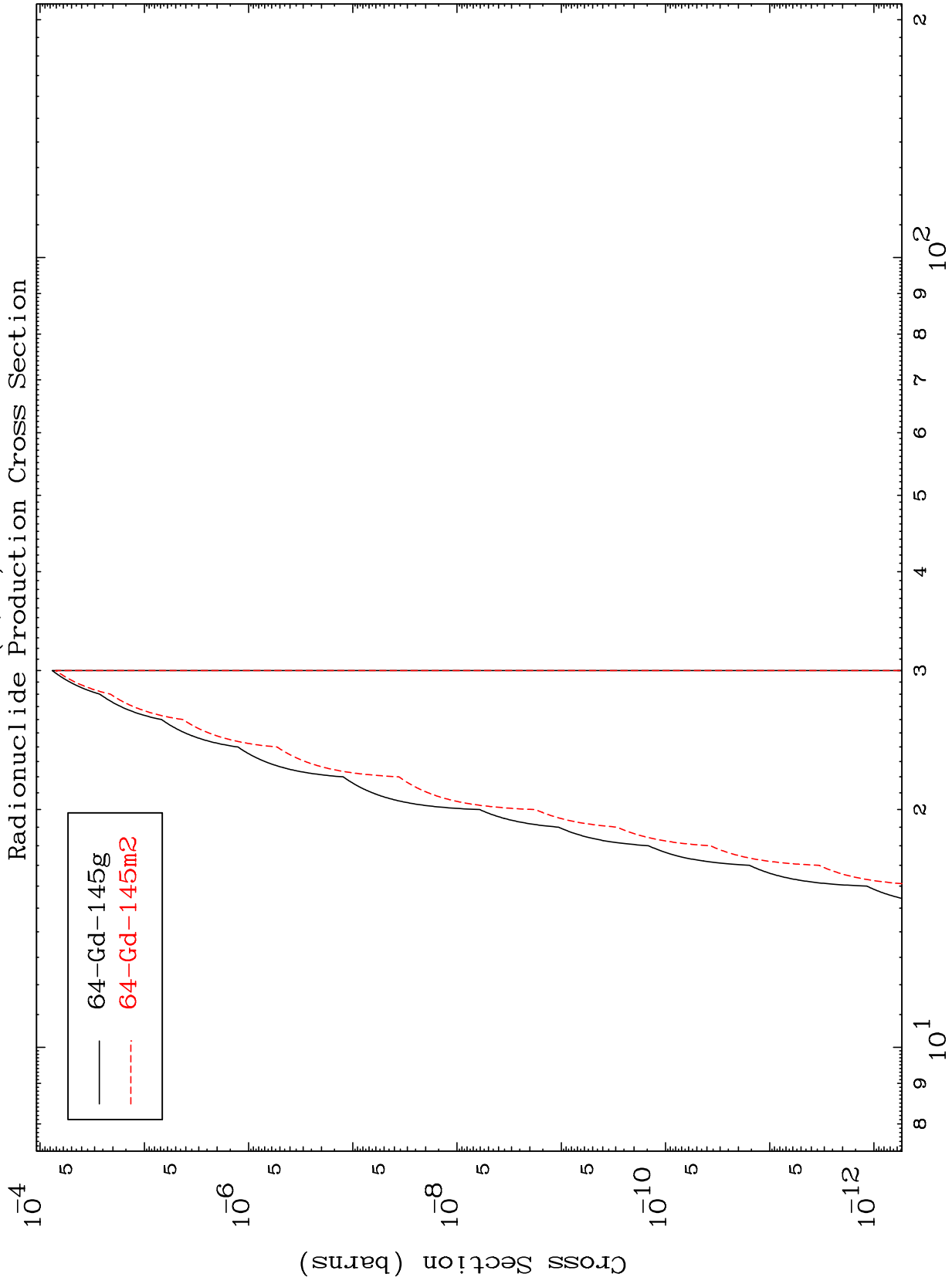
65-Tb-147

MAT 6490

(d,n') He-3

65-Tb-147

Radionuclide Production Cross Section



64-Gd-145g  
64-Gd-145m2

17

Incident Energy (MeV)

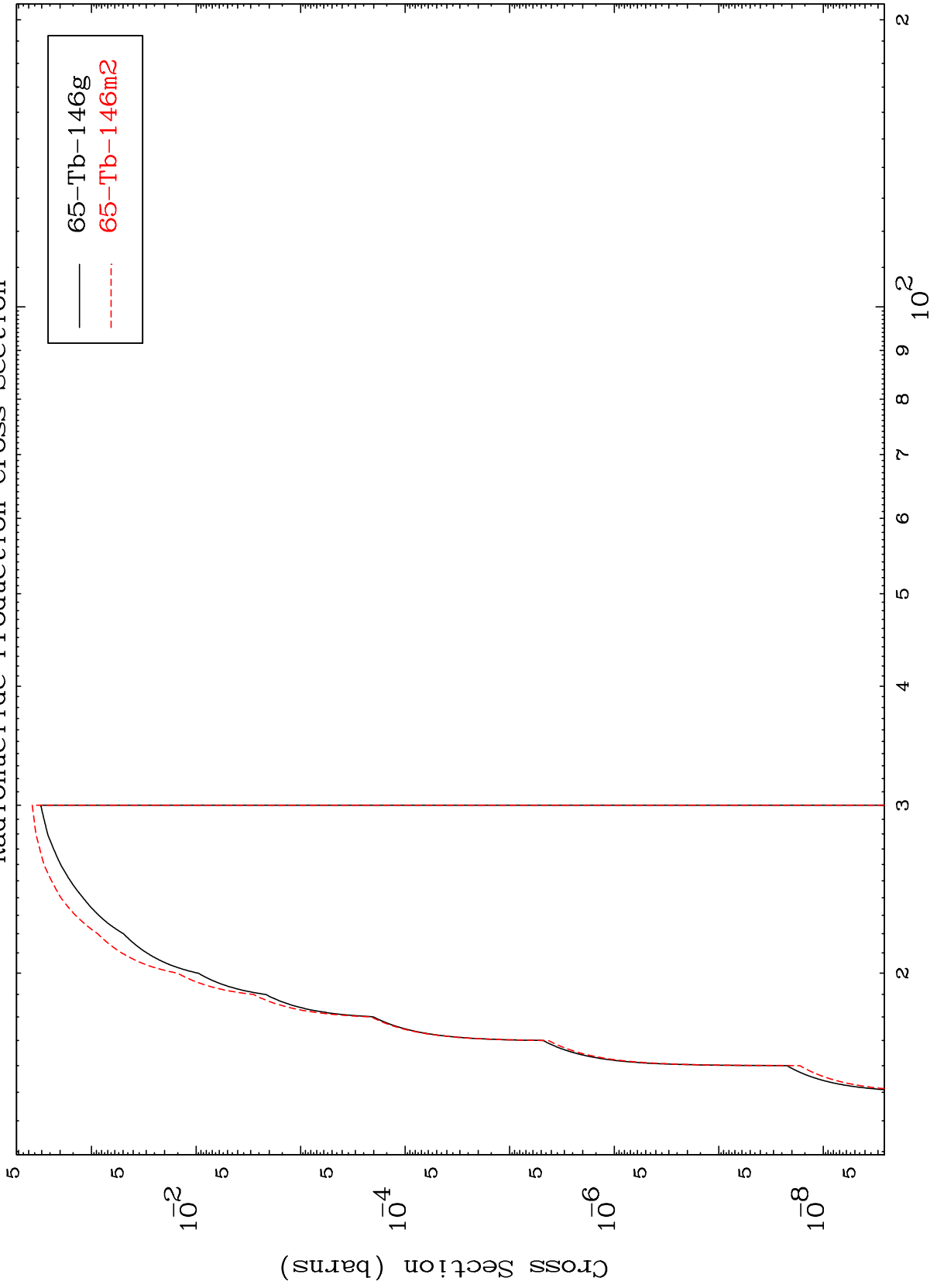
65-Tb-147

MAT 6490

(d,2n) p

65-Tb-147

Radionuclide Production Cross Section



18

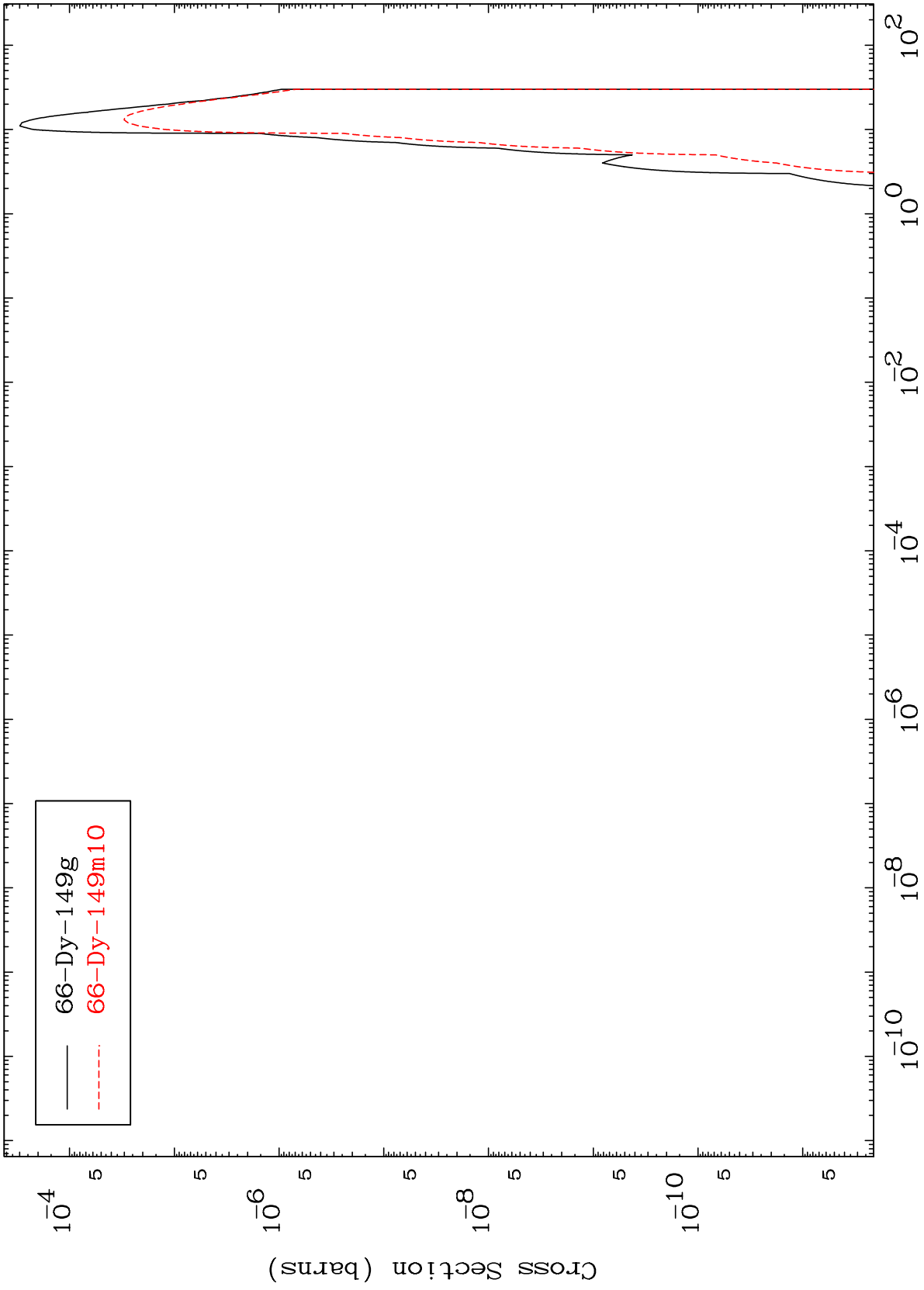
Incident Energy (MeV)

65-Tb-147

MAT 6490

(d,  $\gamma$ )  
Radionuclide Production Cross Section

$^{65}\text{Tb-147}$

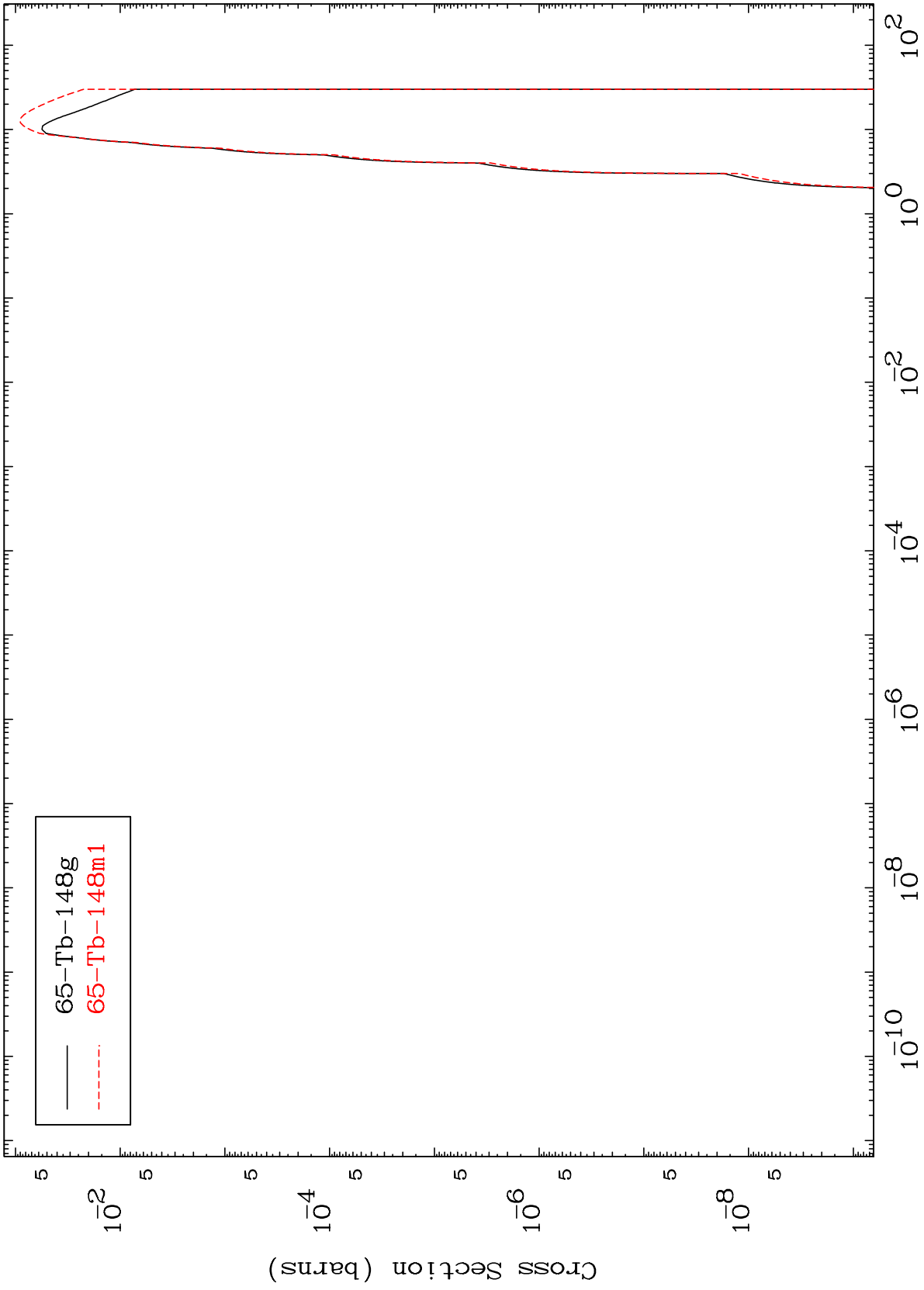


$^{65}\text{Tb-147}$

MAT 6490

(d,p)  
Radionuclide Production Cross Section

65-Tb-147



20

Incident Energy (MeV)

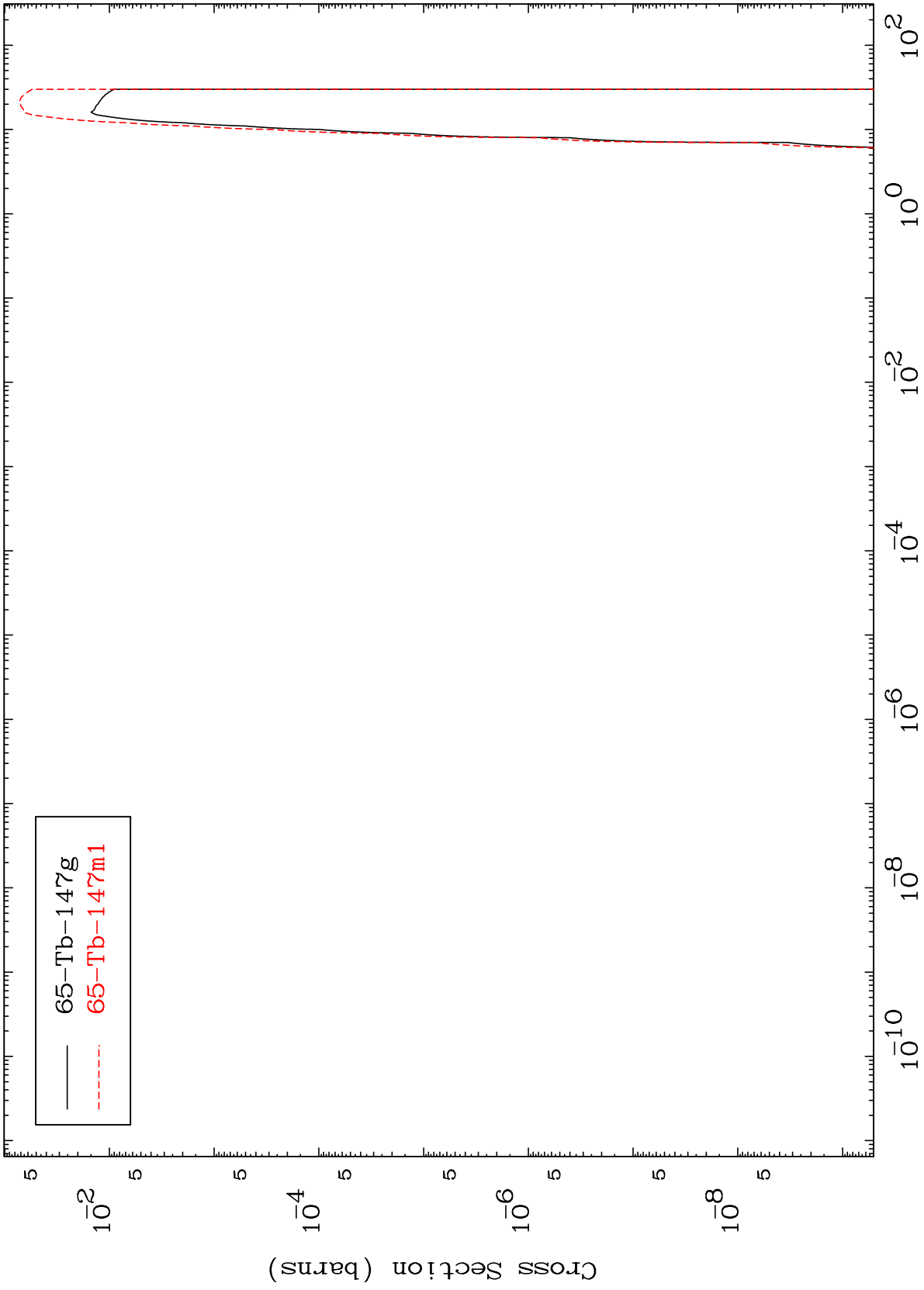
65-Tb-147

MAT 6490

(d,d)

Radionuclide Production Cross Section

65-Tb-147

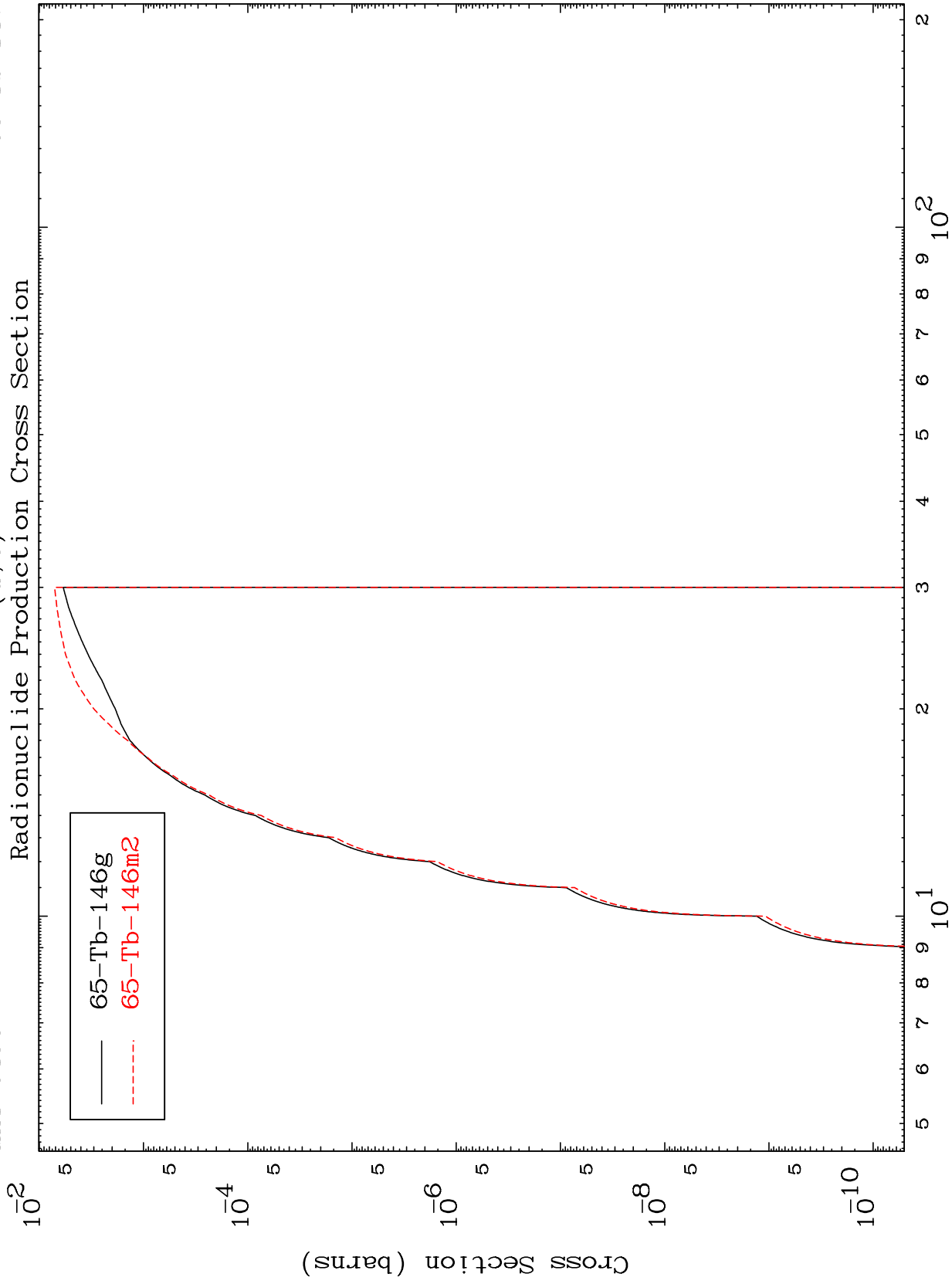


65-Tb-147

MAT 6490

(d, t)

65-Tb-147



22

Incident Energy (MeV)

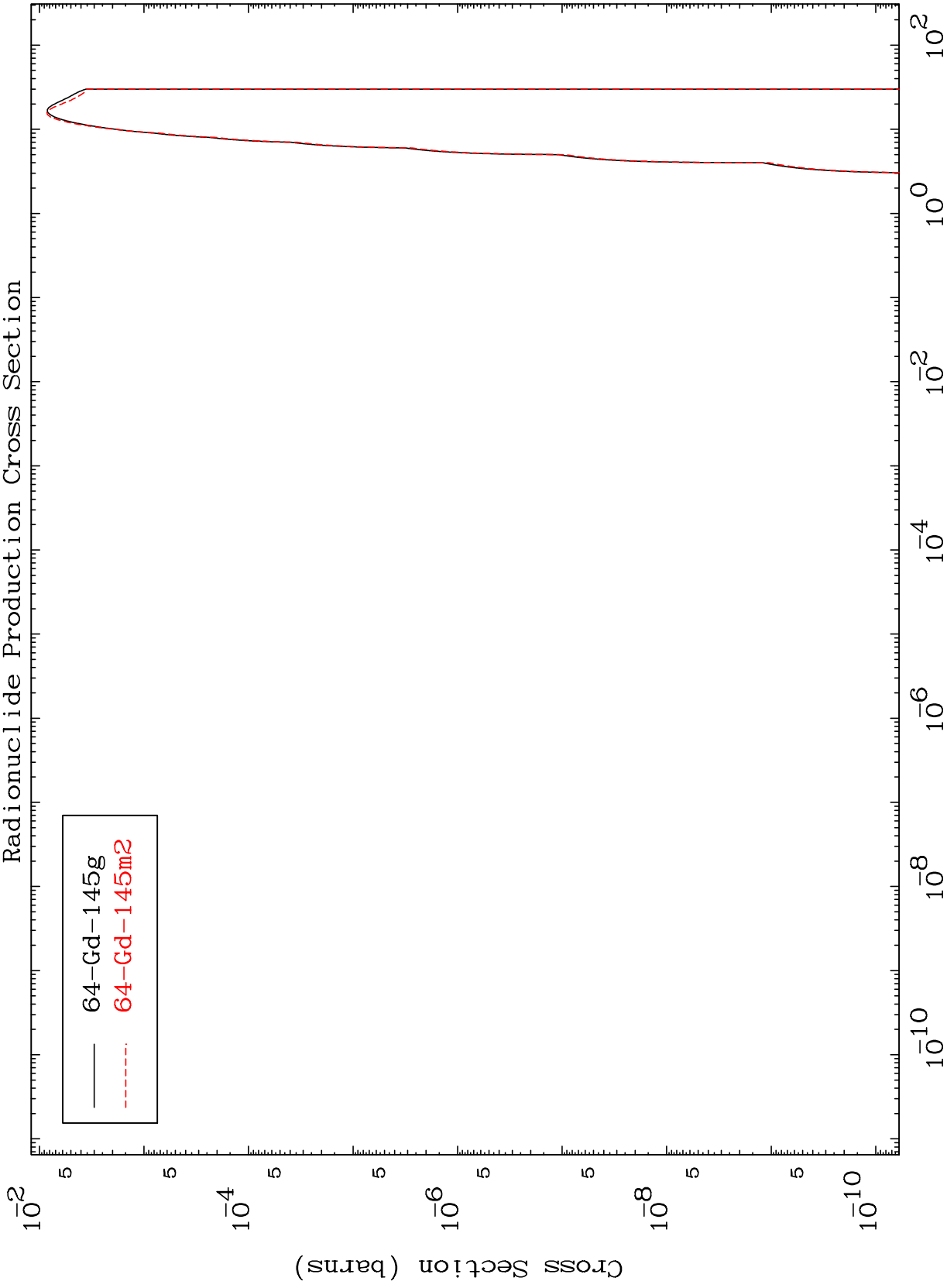
65-Tb-147

MAT 6490

(d,  $\alpha$ )

65-Tb-147

Radionuclide Production Cross Section



23

Incident Energy (MeV)

65-Tb-147

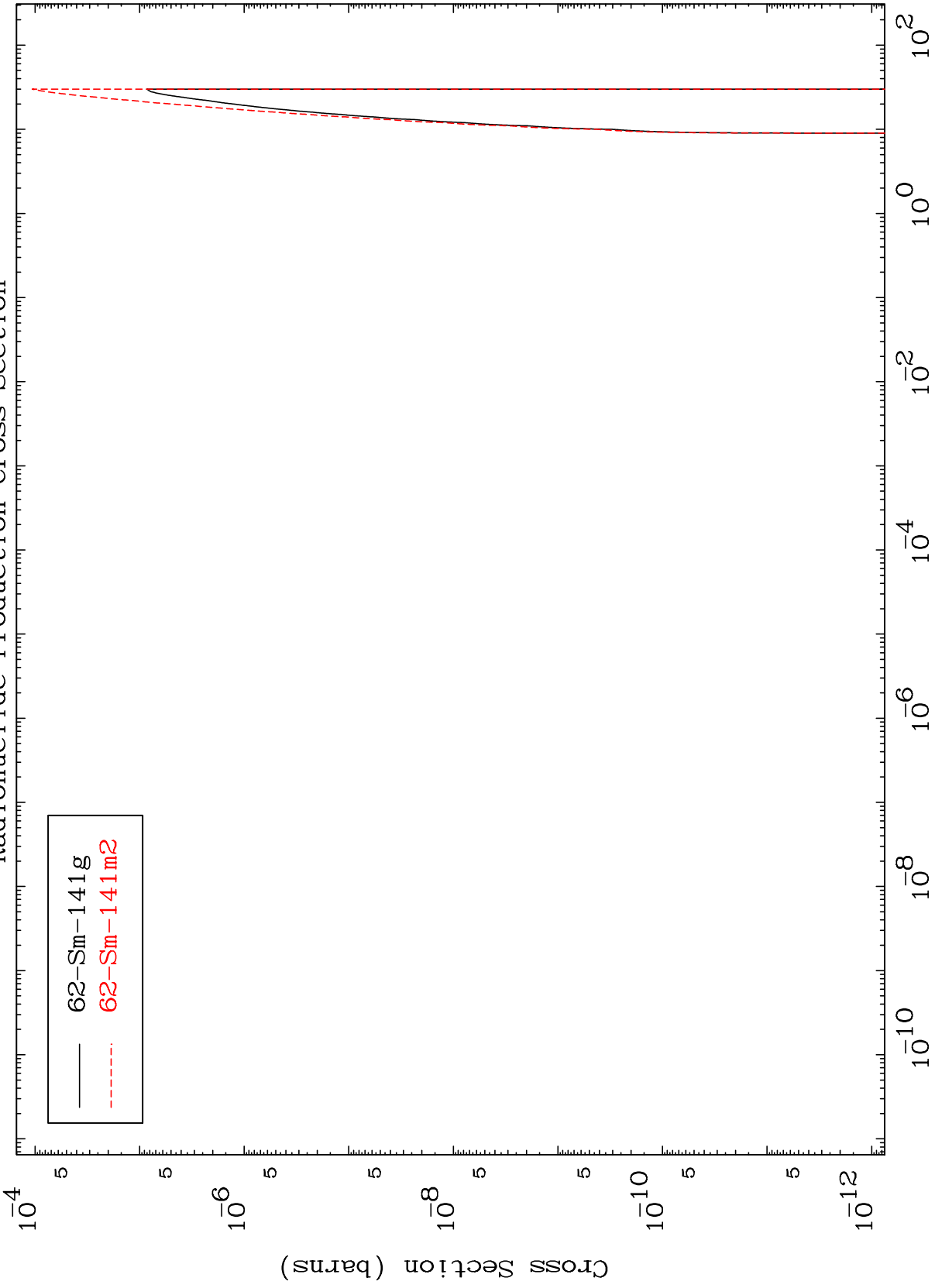


MAT 6490

(d,2α)

65-Tb-147

Radionuclide Production Cross Section



24

Incident Energy (MeV)

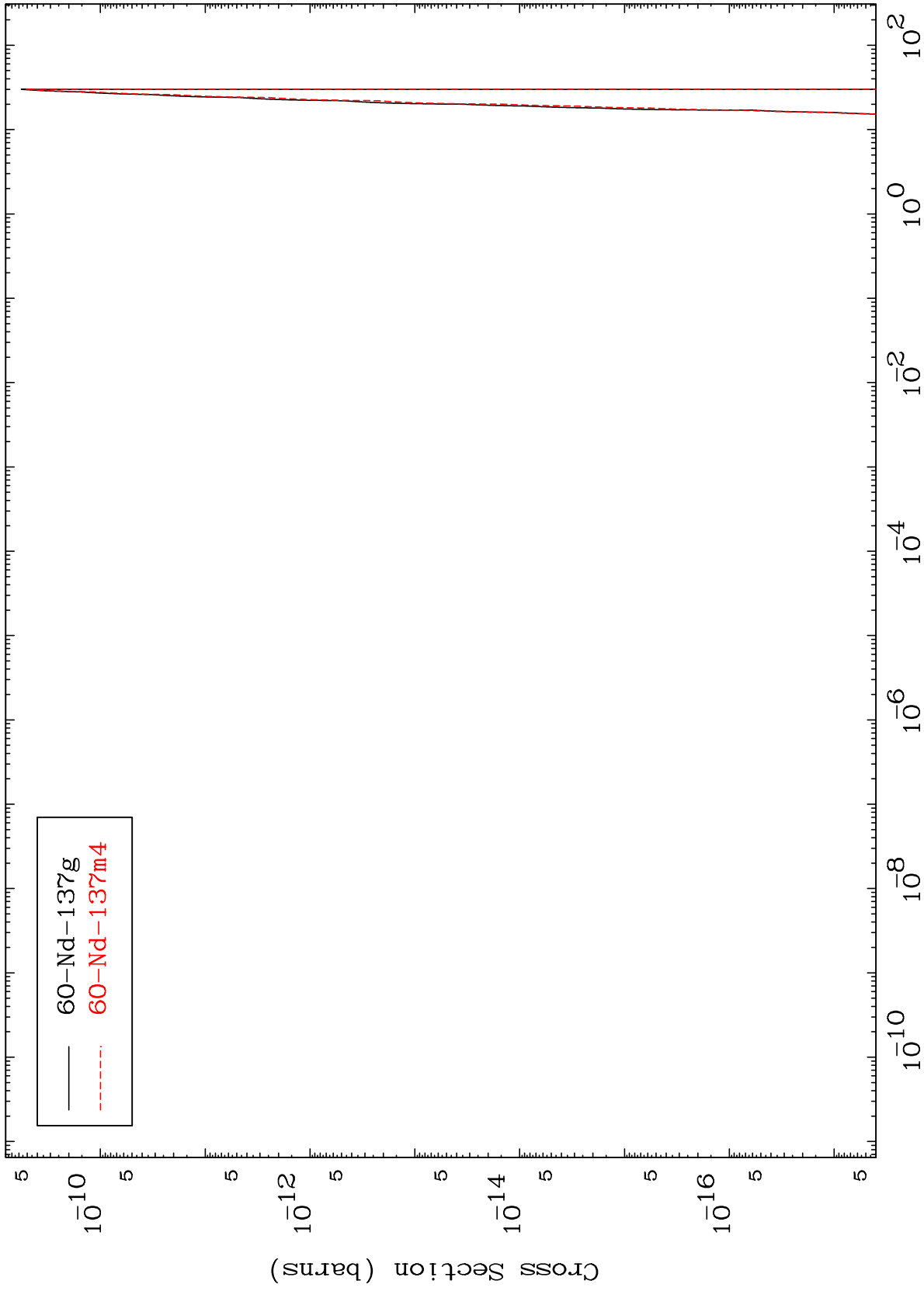
65-Tb-147

MAT 6490

(d,3 $\alpha$ )

65-Tb-147

Radionuclide Production Cross Section



25

Incident Energy (MeV)

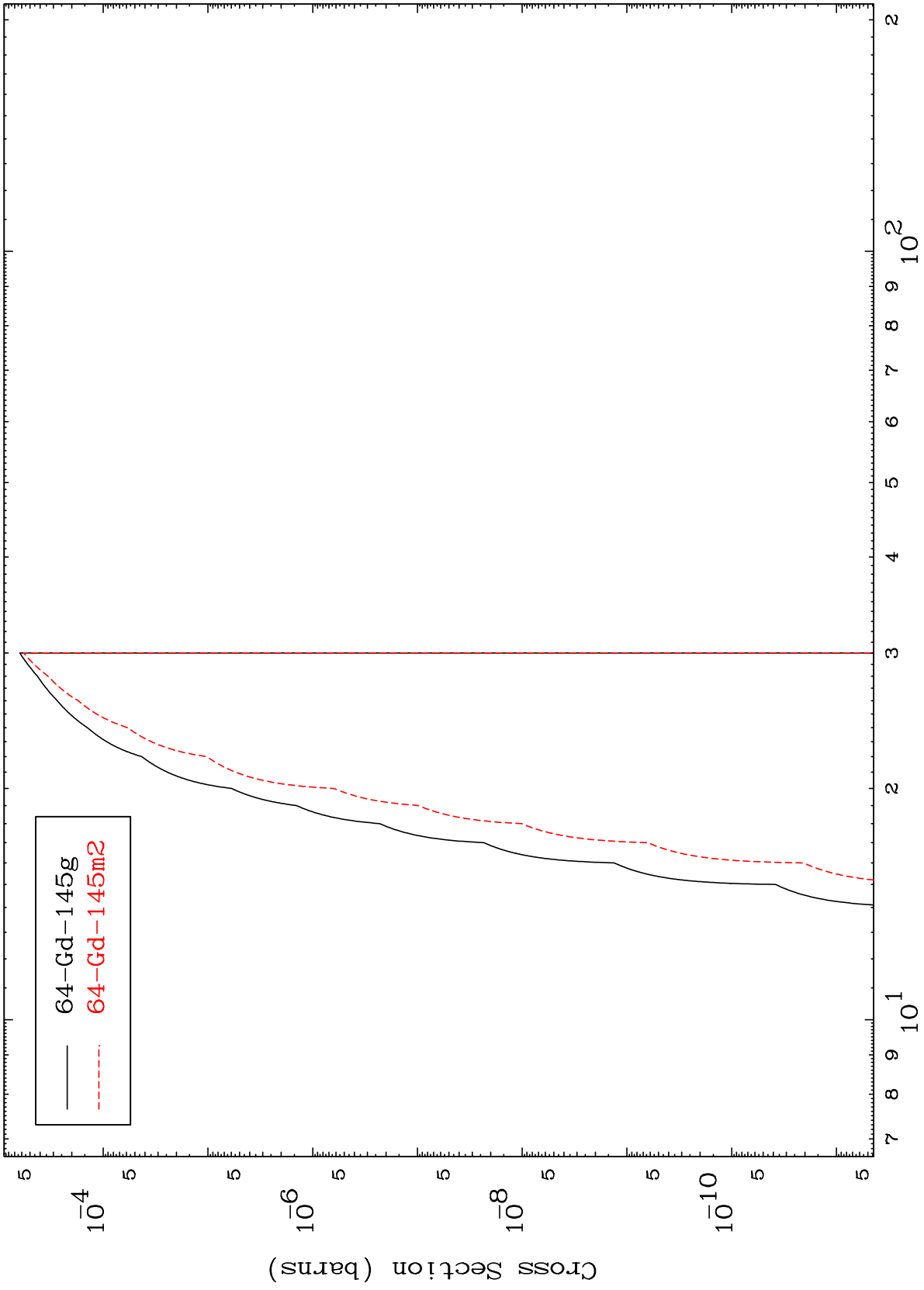
65-Tb-147

MAT 6490

(d,p) t

65-Tb-147

Radionuclide Production Cross Section



26

Incident Energy (MeV)

65-Tb-147