

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

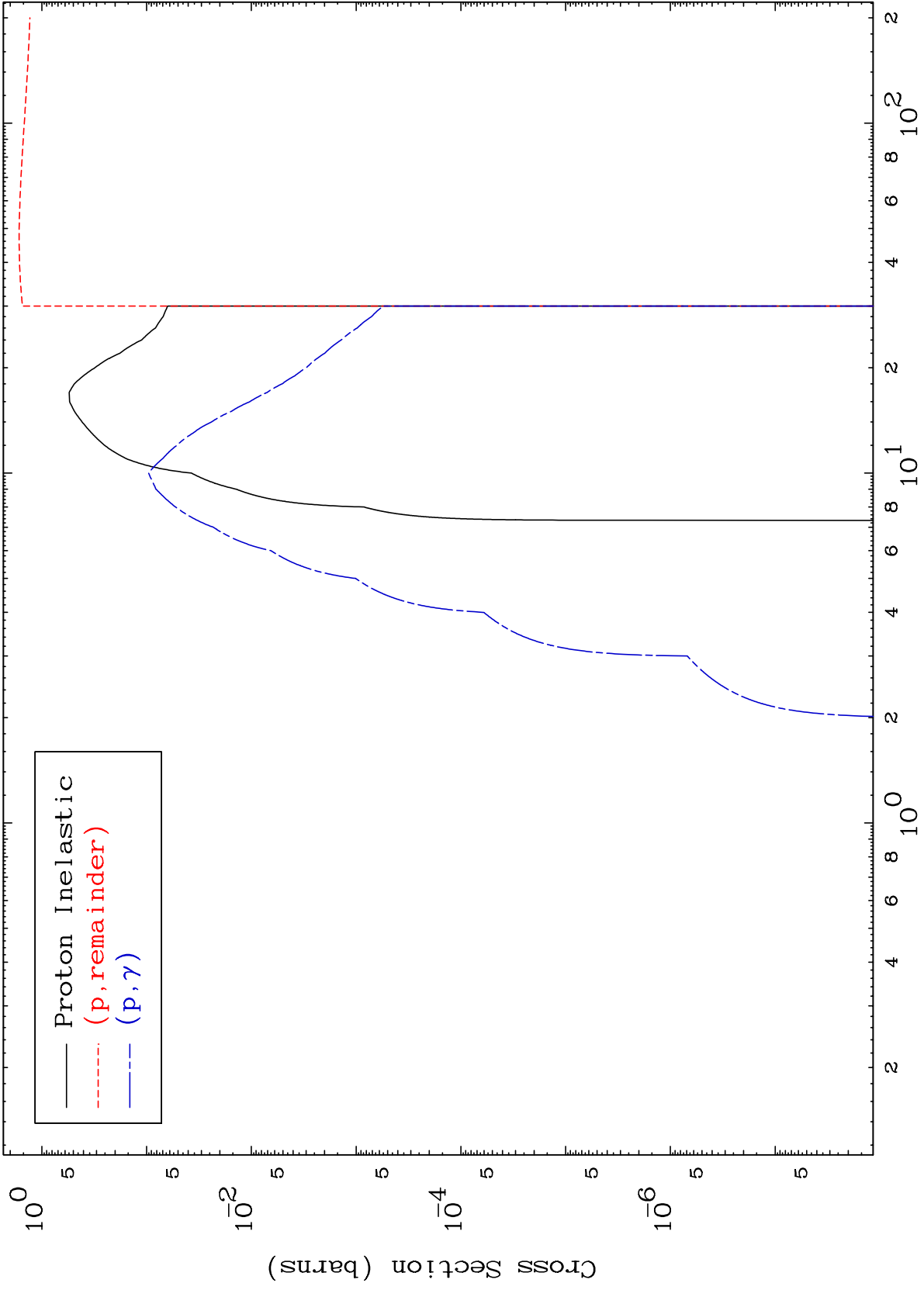
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Web:redcullen1.net/HOMEPAGE.NEW

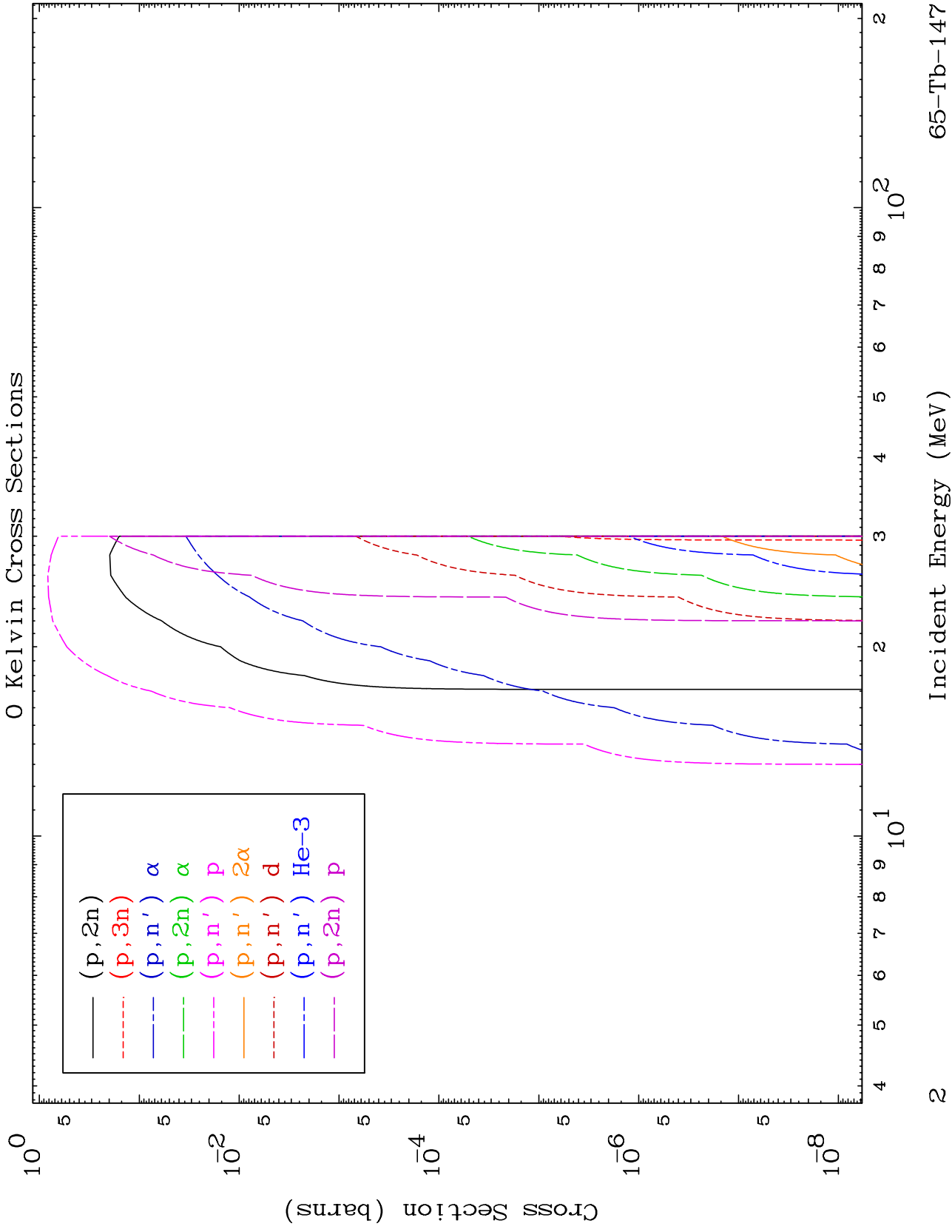
Press Mouse Button to Start



MAT 6490

Proton Neutron Production
0 Kelvin Cross Sections

65-Tb-147



65-Tb-147

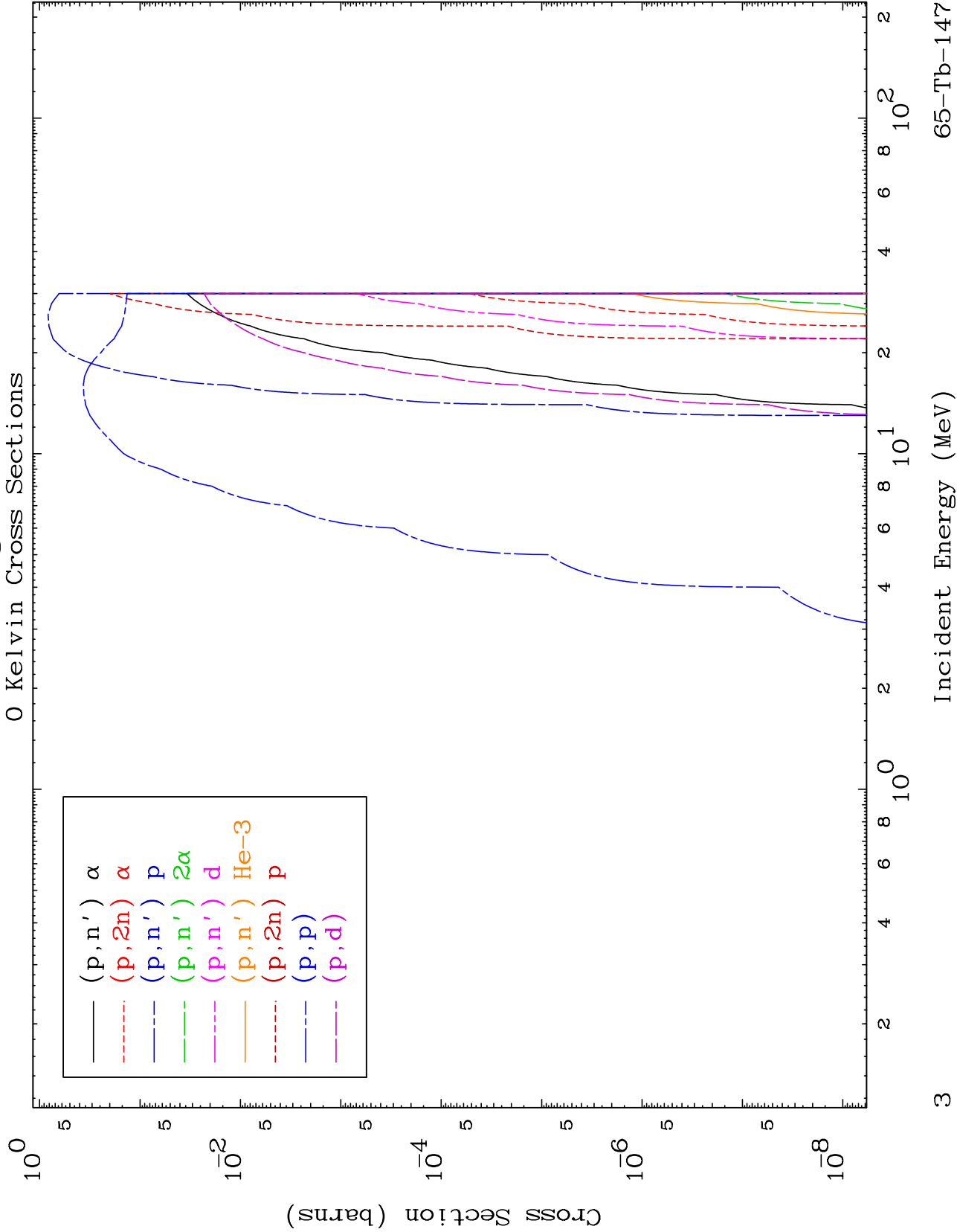
Incident Energy (MeV)

2

MAT 6490

Proton Charged Particle
0 Kelvin Cross Sections

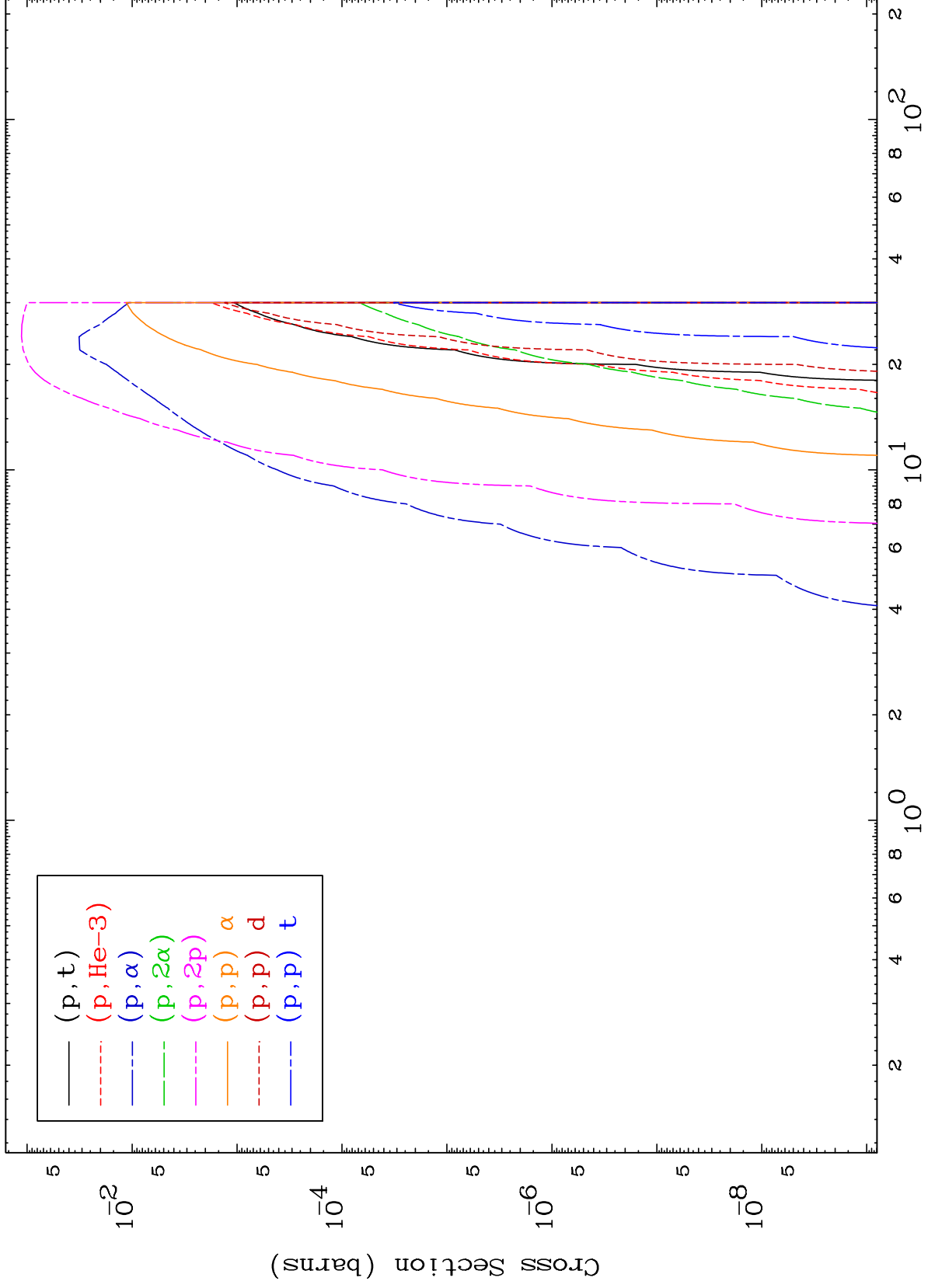
65-Tb-147



MAT 6490

Proton Charged Particle
0 Kelvin Cross Sections

65-Tb-147

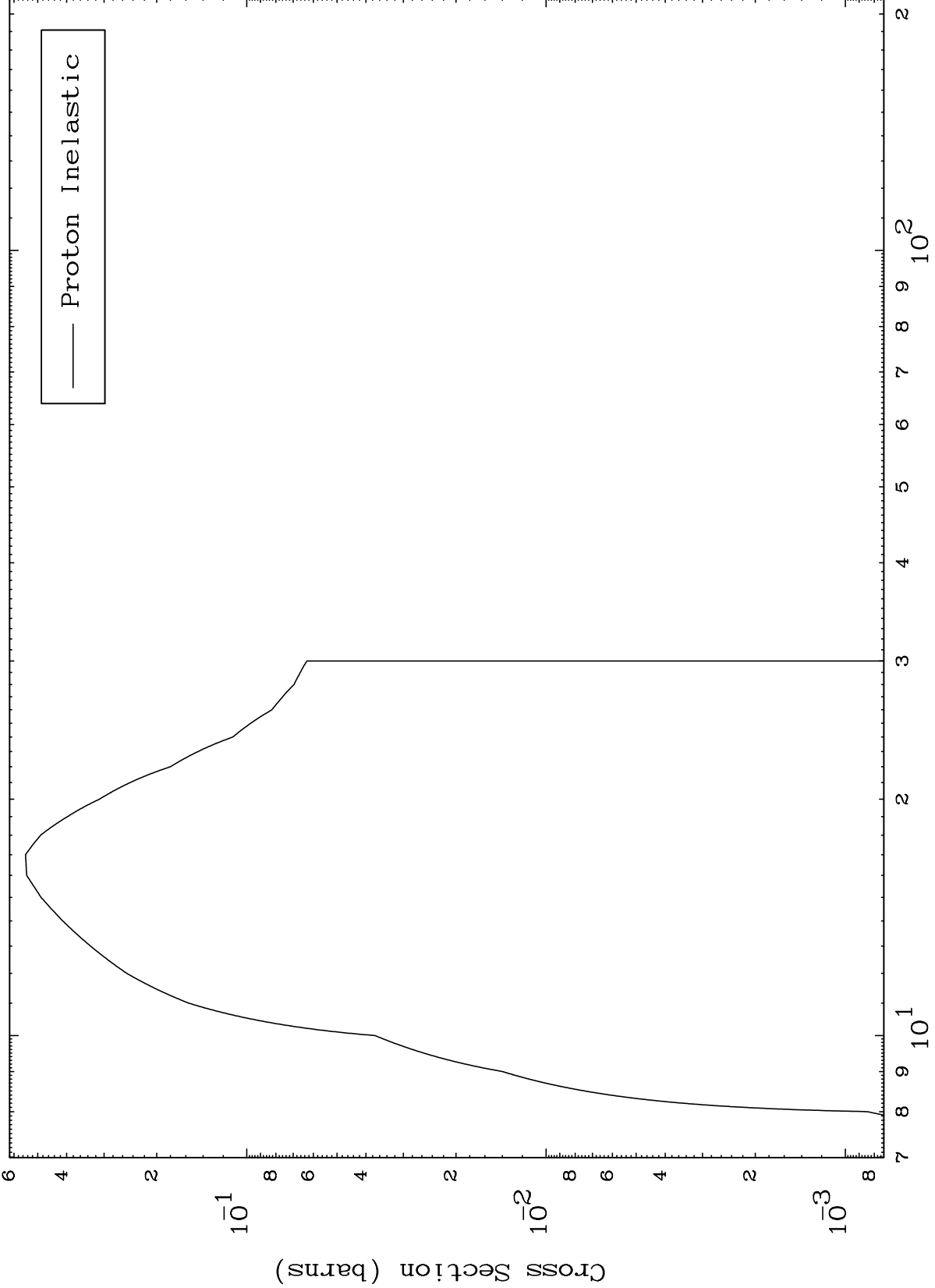


MAT 6490

(p,n') Level

65-Tb-147

0 Kelvin Cross Sections



5

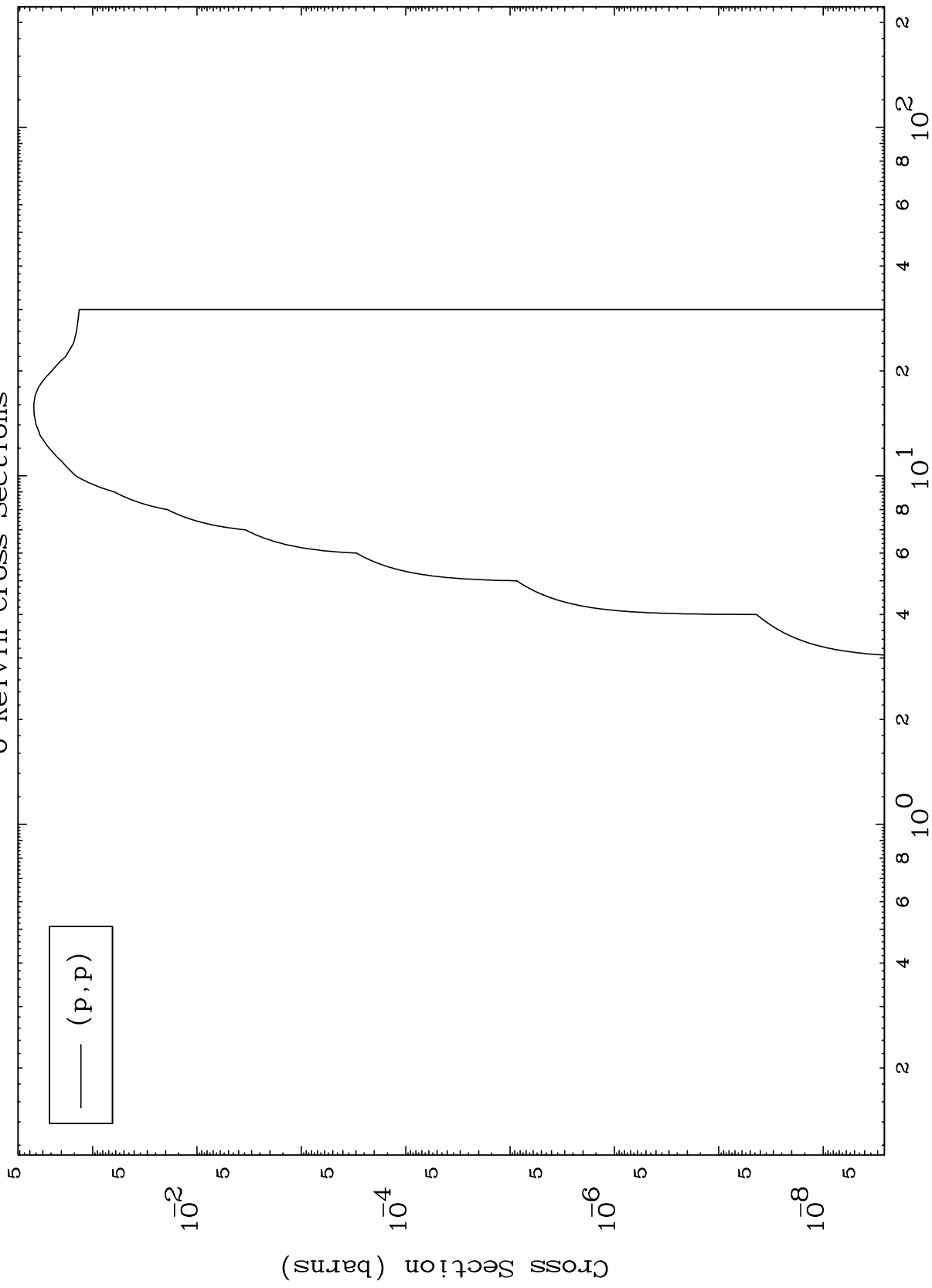
Incident Energy (MeV)

65-Tb-147

MAT 6490

65-Tb-147

(p,p) Levels
0 Kelvin Cross Sections



65-Tb-147

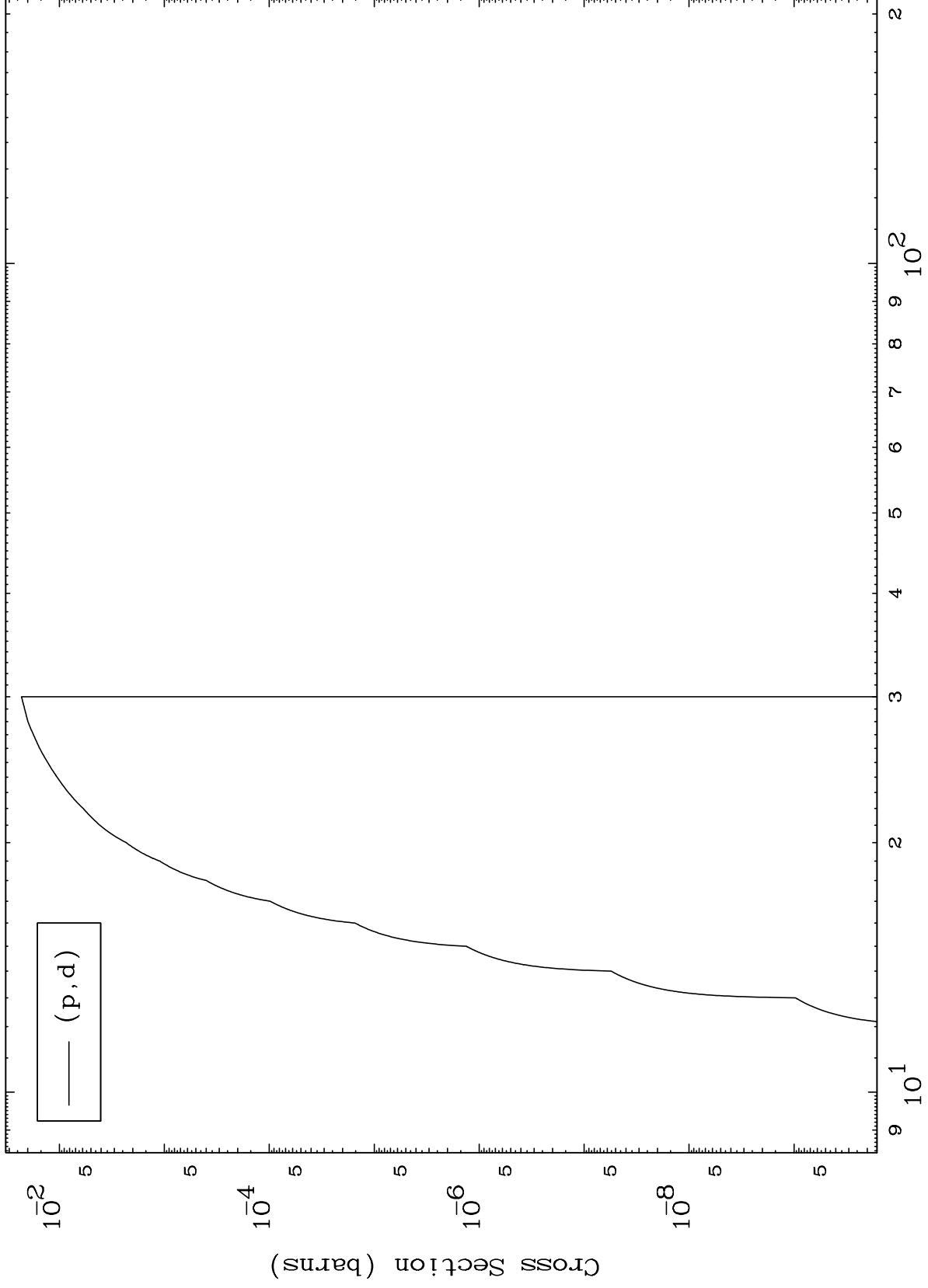
Incident Energy (MeV)

6

MAT 6490

(p,d) Levels
0 Kelvin Cross Sections

65-Tb-147



7

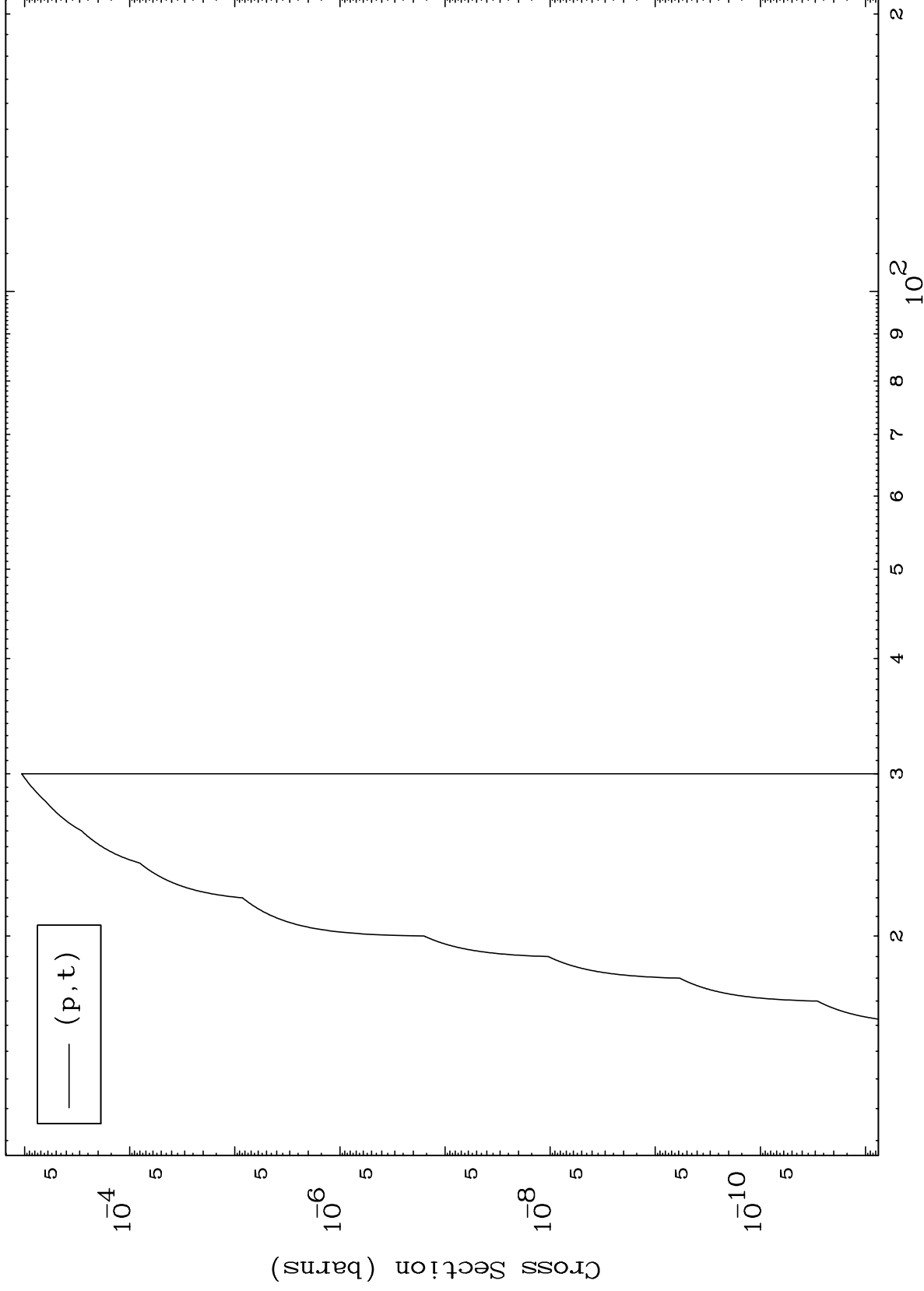
Incident Energy (MeV)

65-Tb-147

MAT 6490

(p,t) Levels
0 Kelvin Cross Sections

65-Tb-147



8

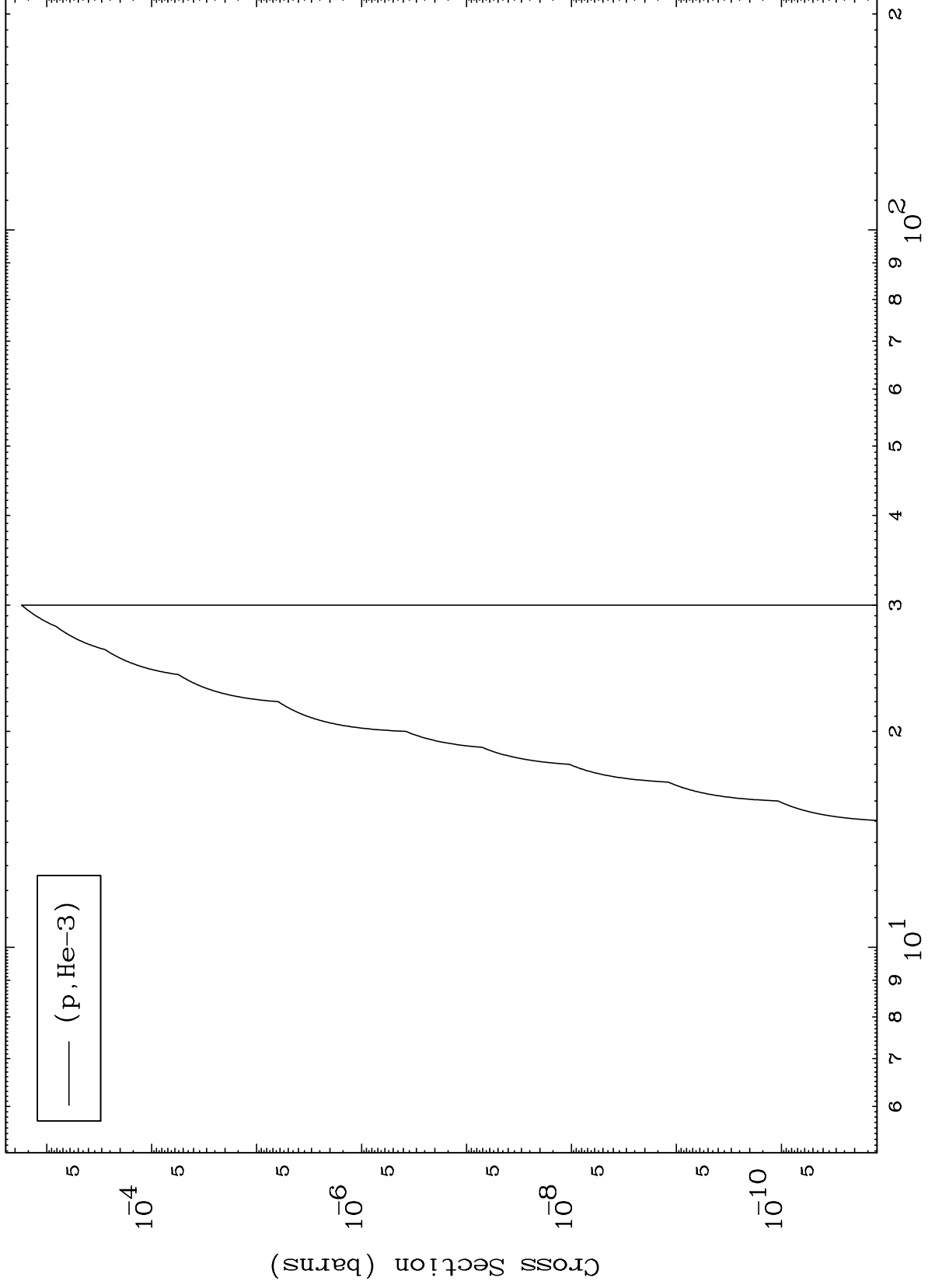
Incident Energy (MeV)

65-Tb-147

MAT 6490

(p,He3) Levels
0 Kelvin Cross Sections

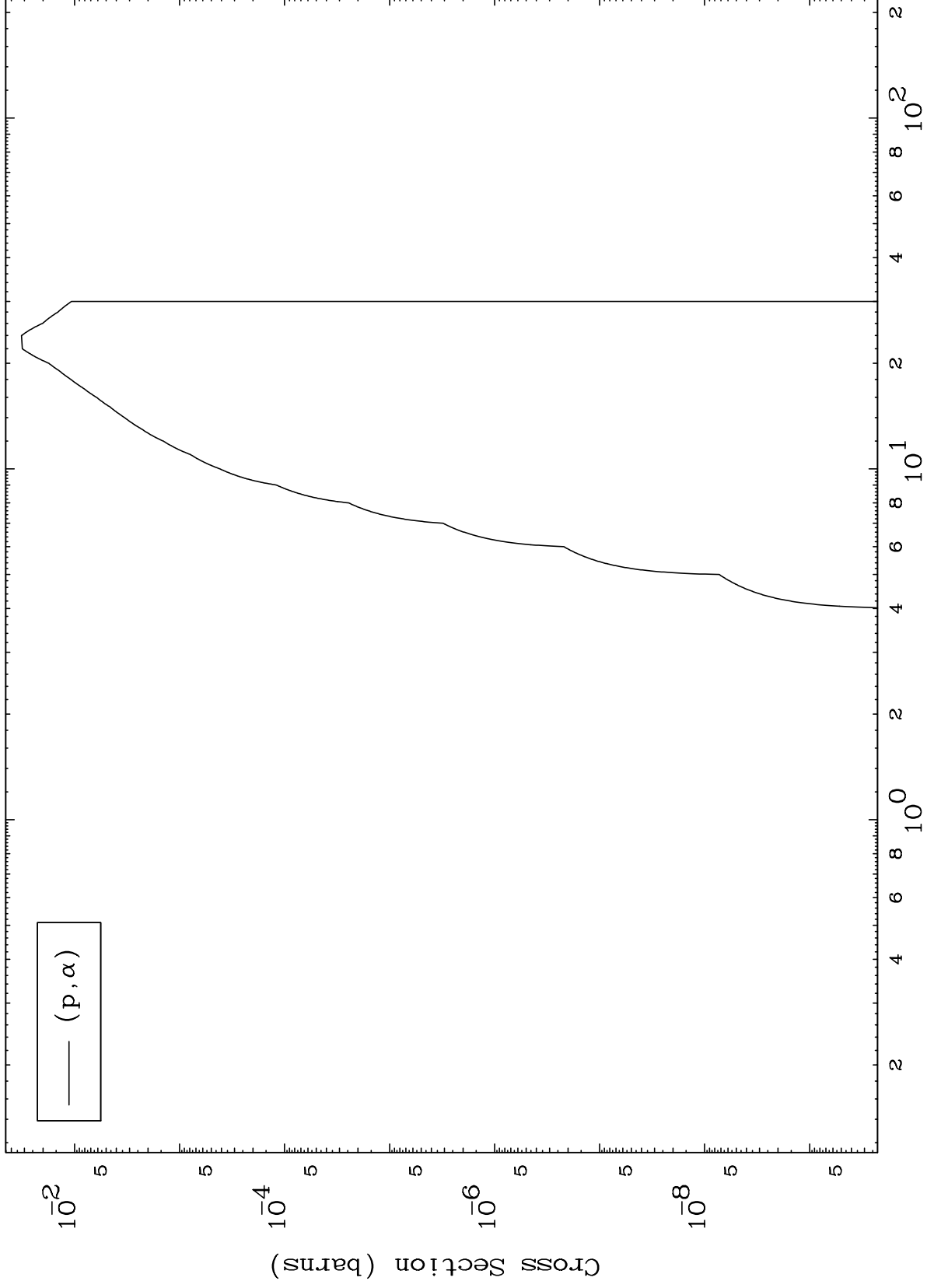
65-Tb-147



MAT 6490

(p, α) Levels
0 Kelvin Cross Sections

65-Tb-147



10

Incident Energy (MeV)

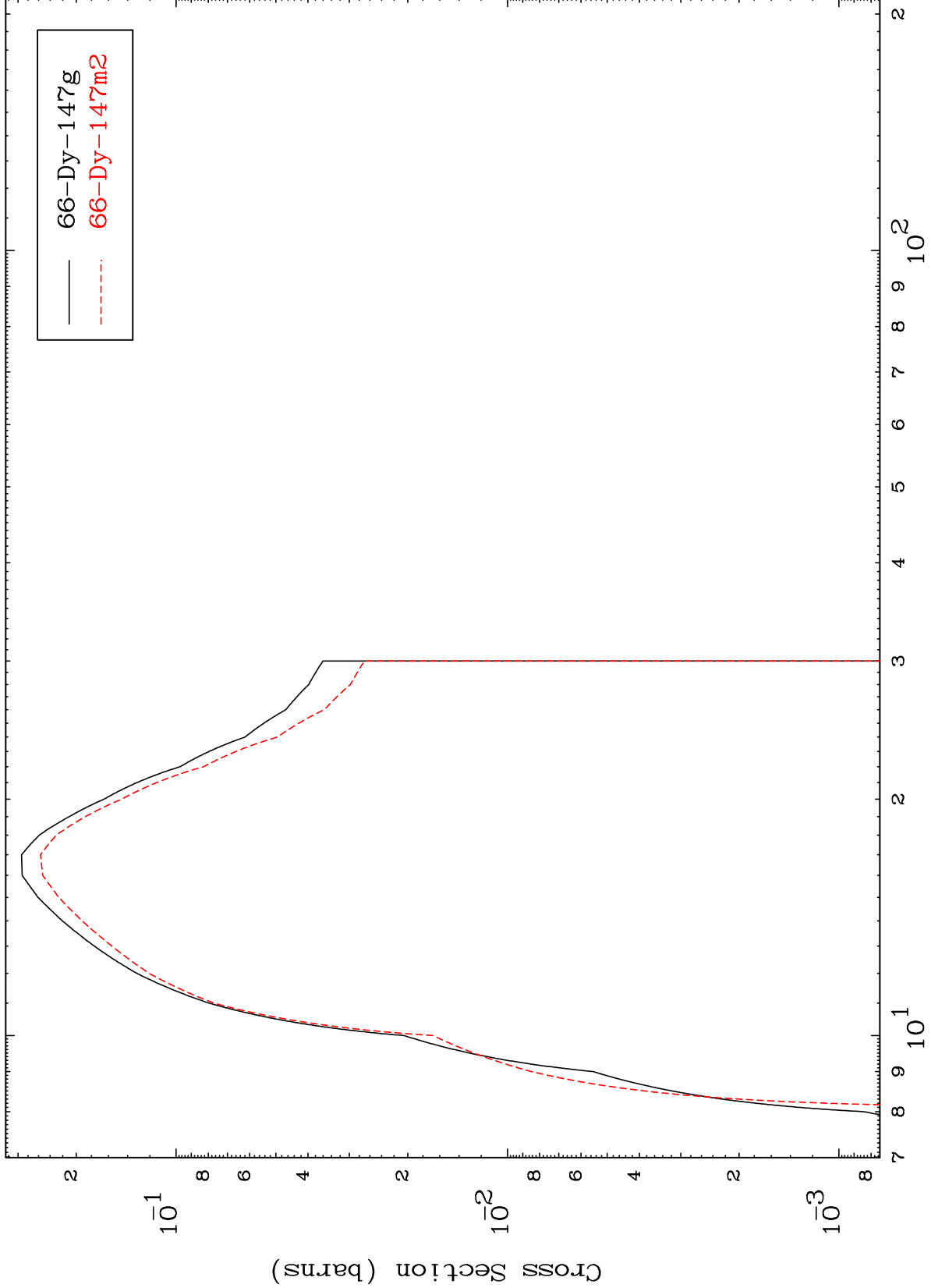
65-Tb-147

MAT 6490

Proton Inelastic

65-Tb-147

Radionuclide Production Cross Section



66-Dy-147g
66-Dy-147m2

11

Incident Energy (MeV)

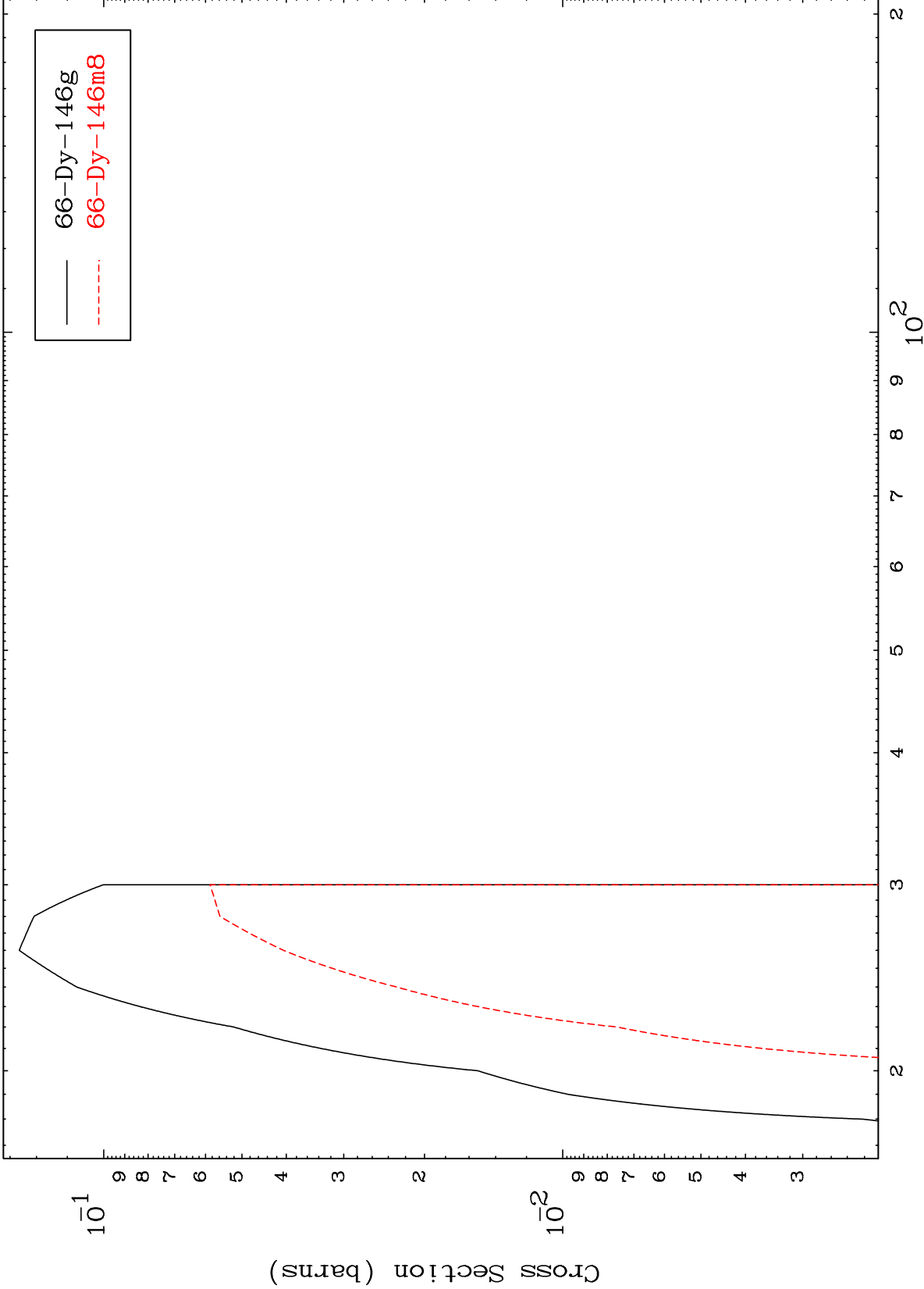
65-Tb-147

MAT 6490

(p,2n)

65-Tb-147

Radionuclide Production Cross Section



66-Dy-146g
66-Dy-146m8

12

Incident Energy (MeV)

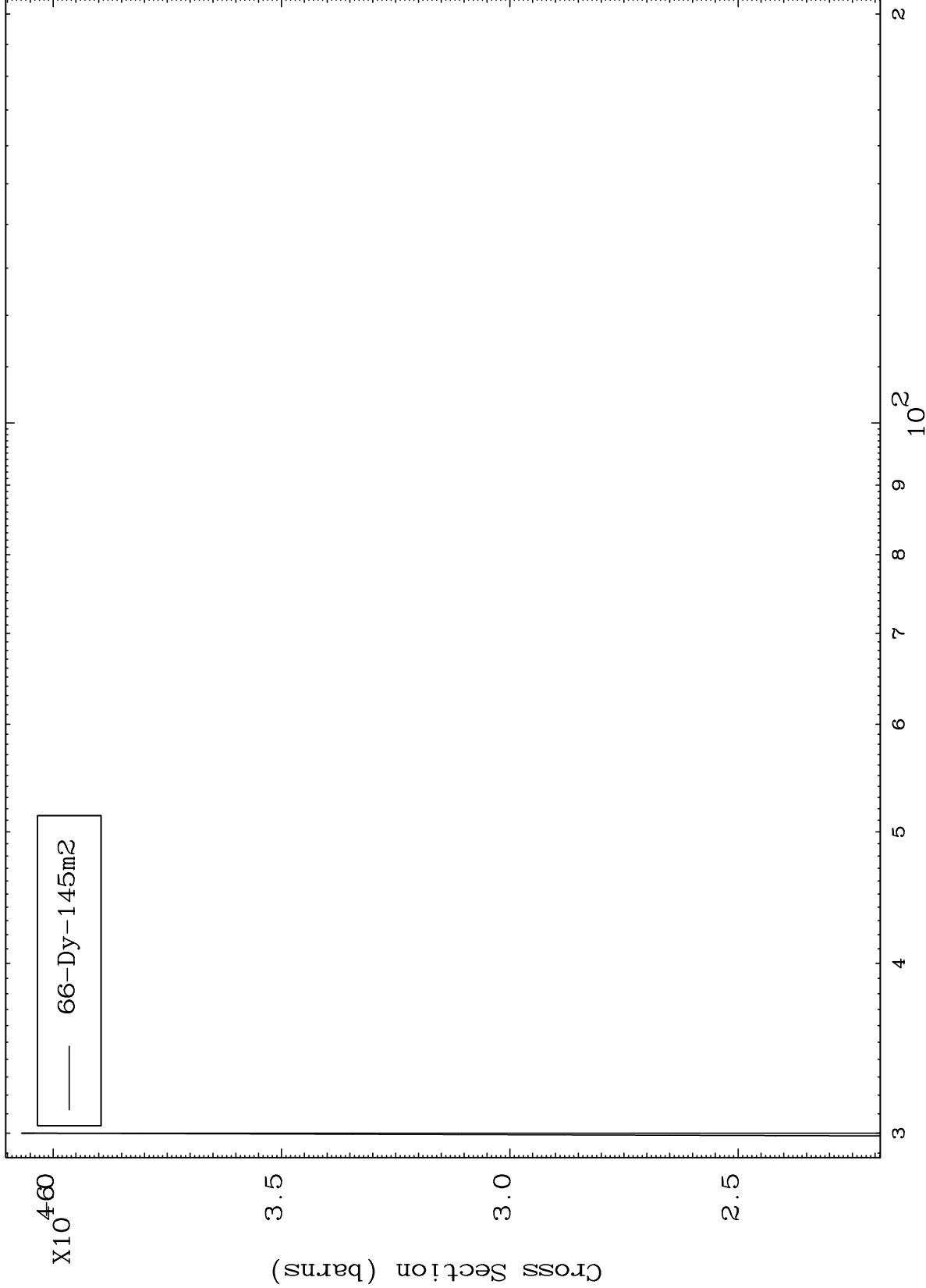
65-Tb-147

MAT 6490

(p,3n)

65-Tb-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

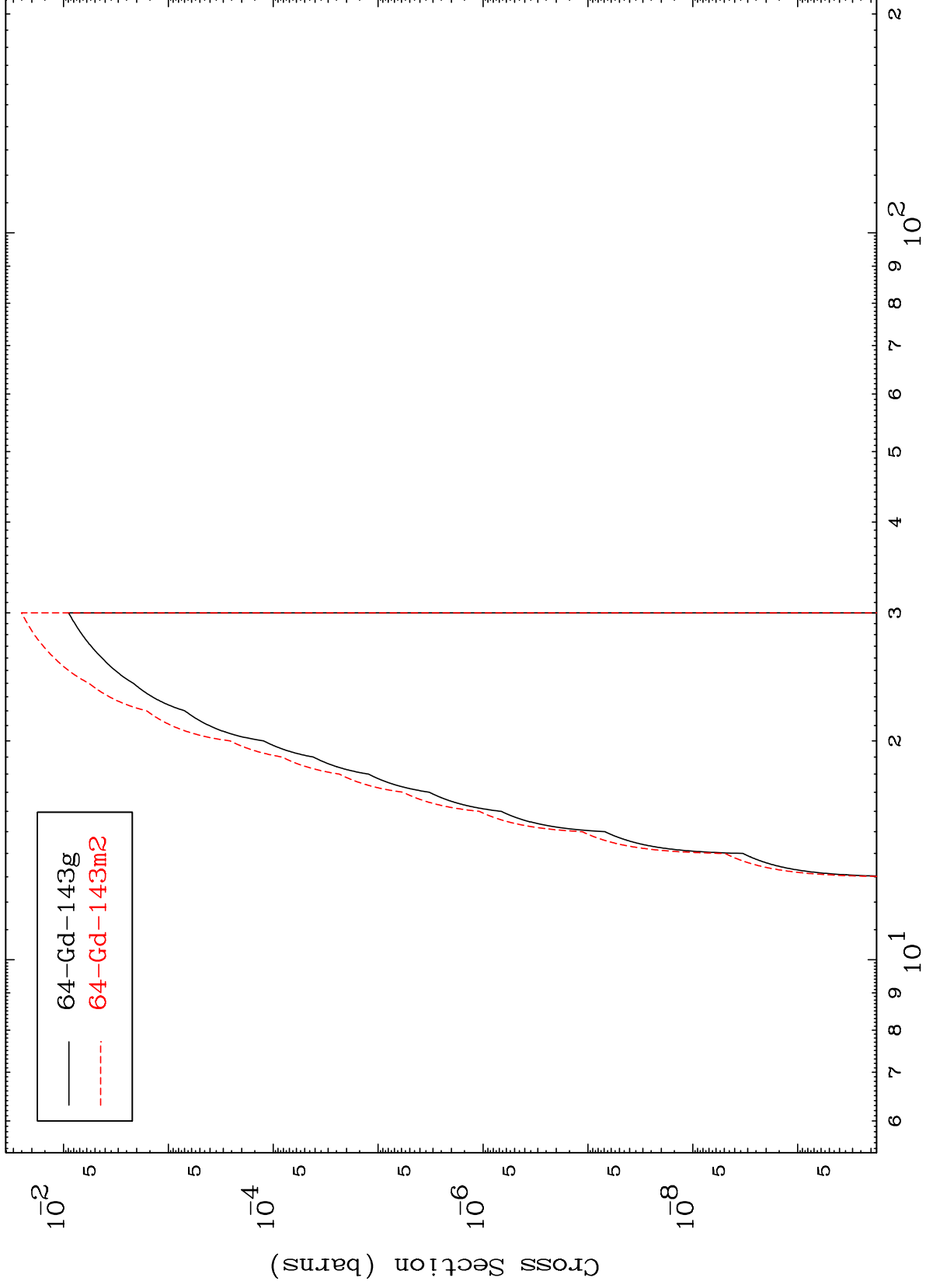
65-Tb-147

MAT 6490

(p,n') α

65-Tb-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

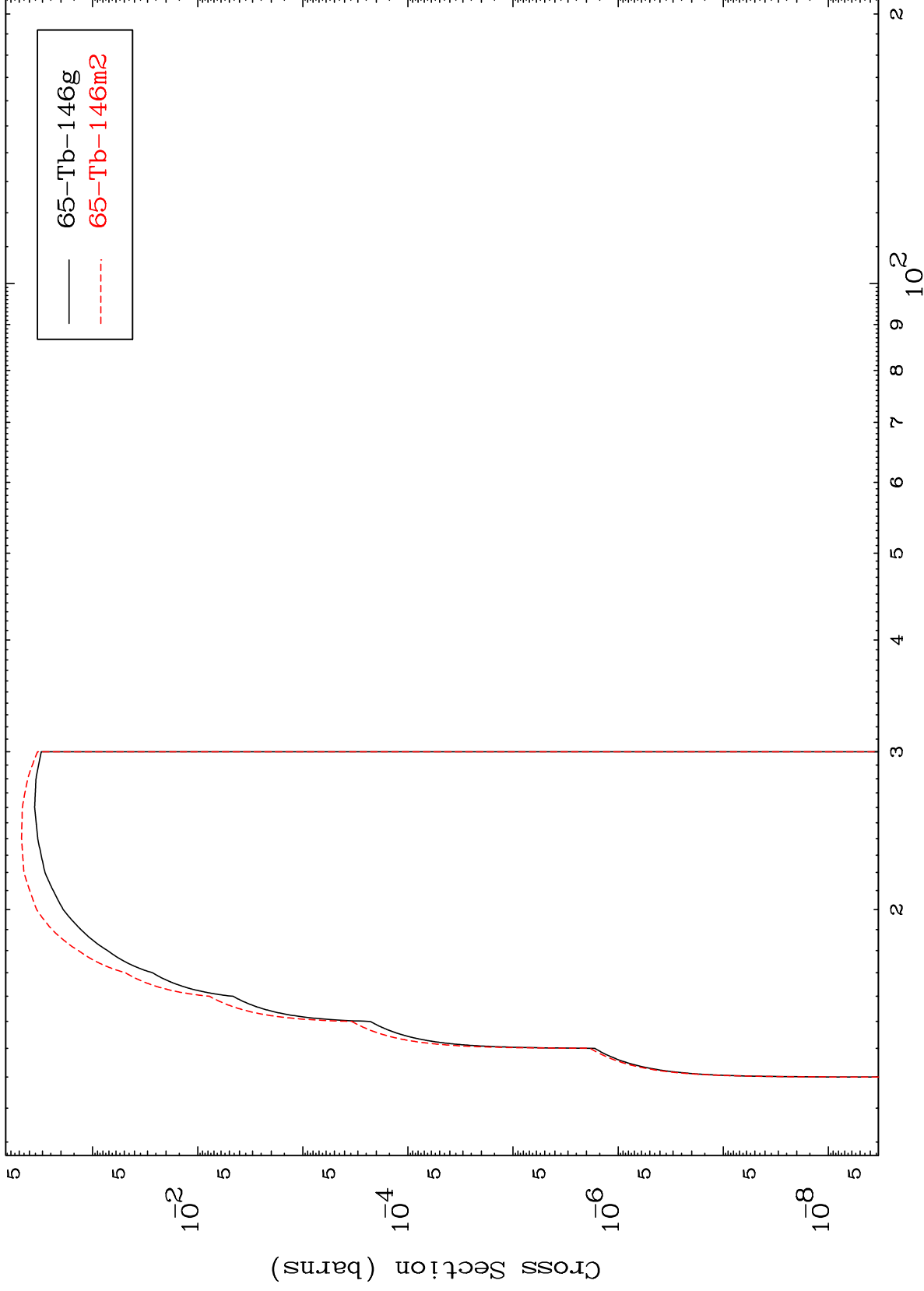
65-Tb-147

MAT 6490

(p,n') p

65-Tb-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

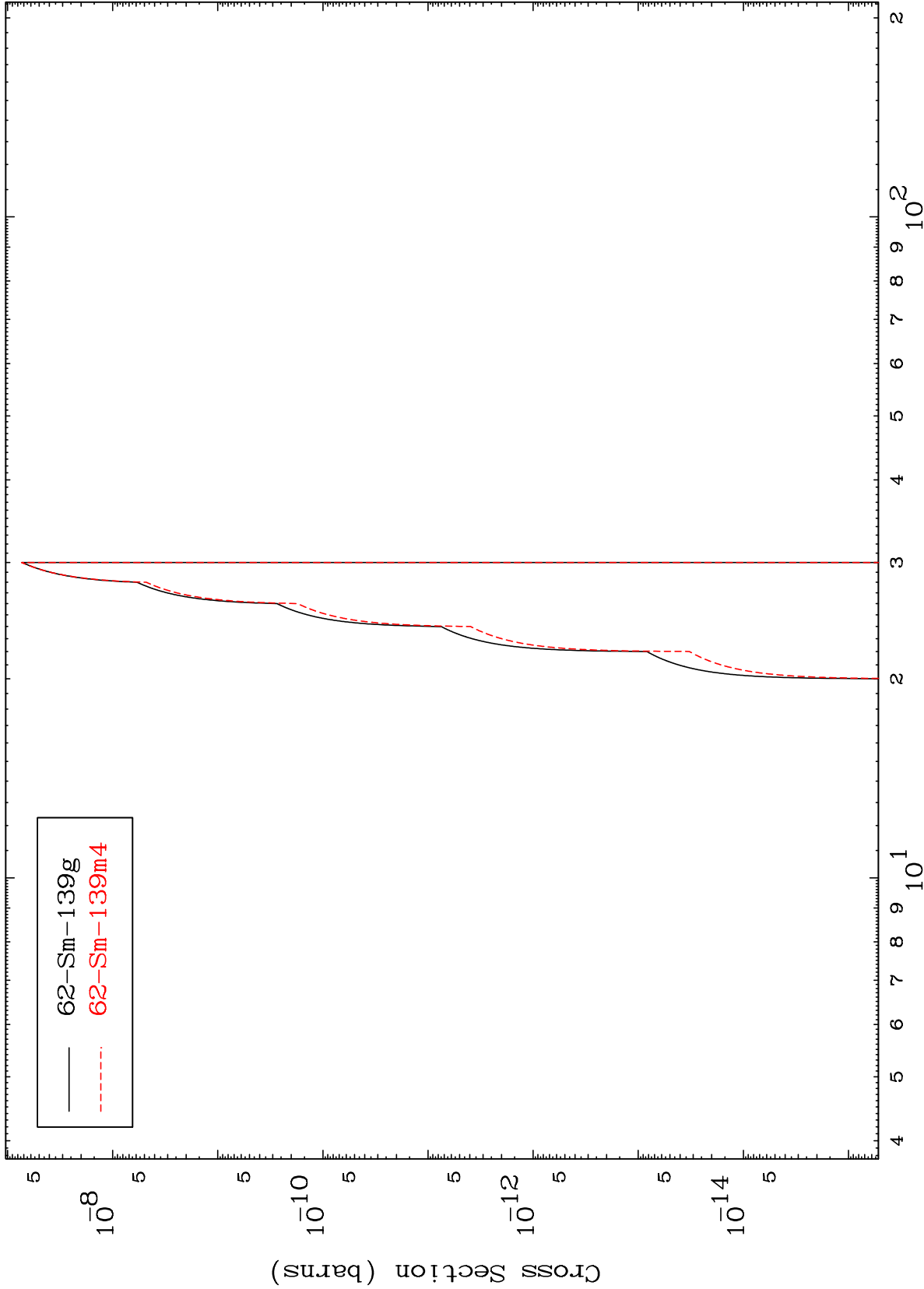
65-Tb-147

MAT 6490

(p,n') 2α

65-Tb-147

Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

16

Incident Energy (MeV)

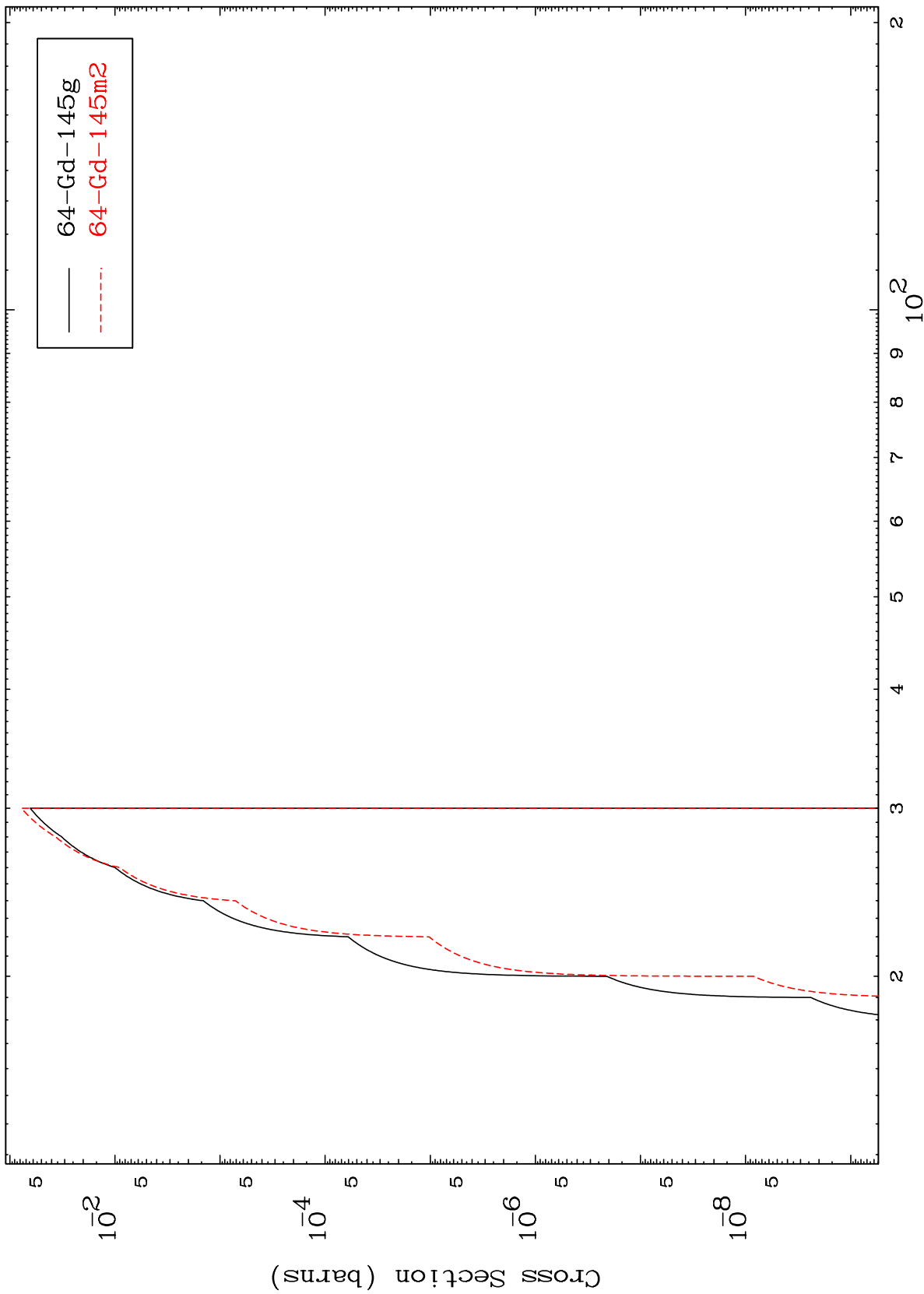
65-Tb-147

MAT 6490

(p,2n) p

65-Tb-147

Radionuclide Production Cross Section



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

17

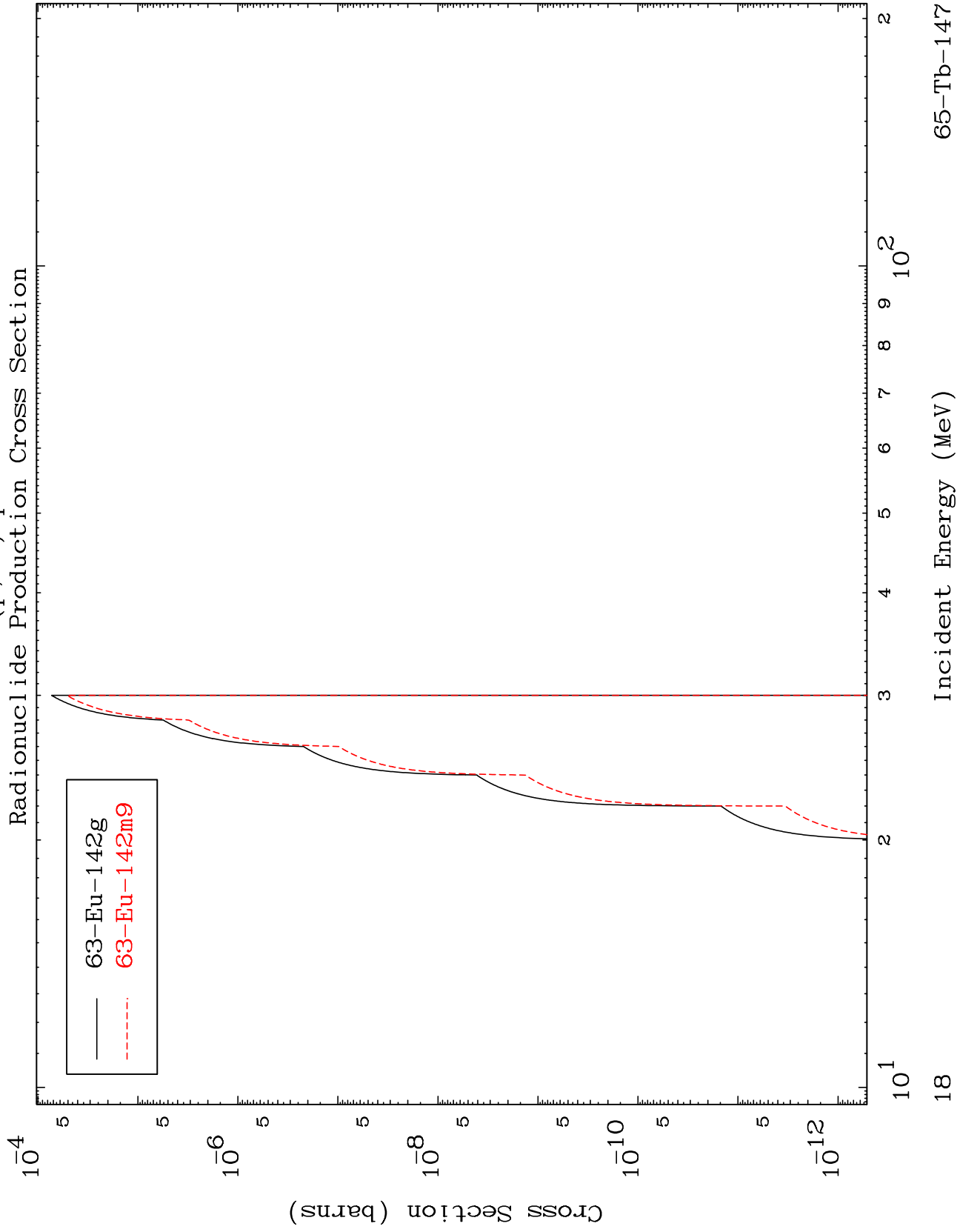
Incident Energy (MeV)

65-Tb-147

MAT 6490

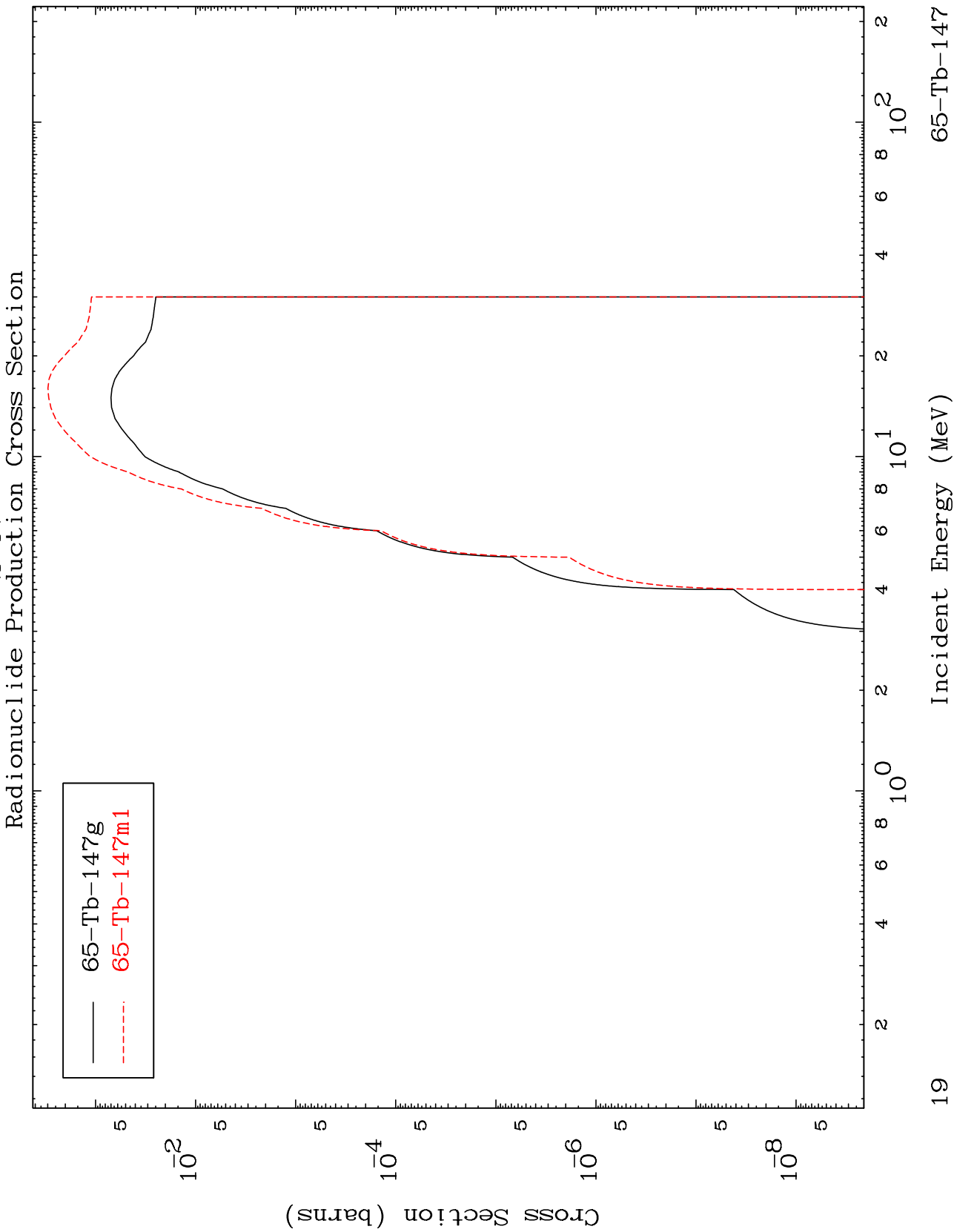
(p,n') p α

65-Tb-147



MAT 6490

65-Tb-147

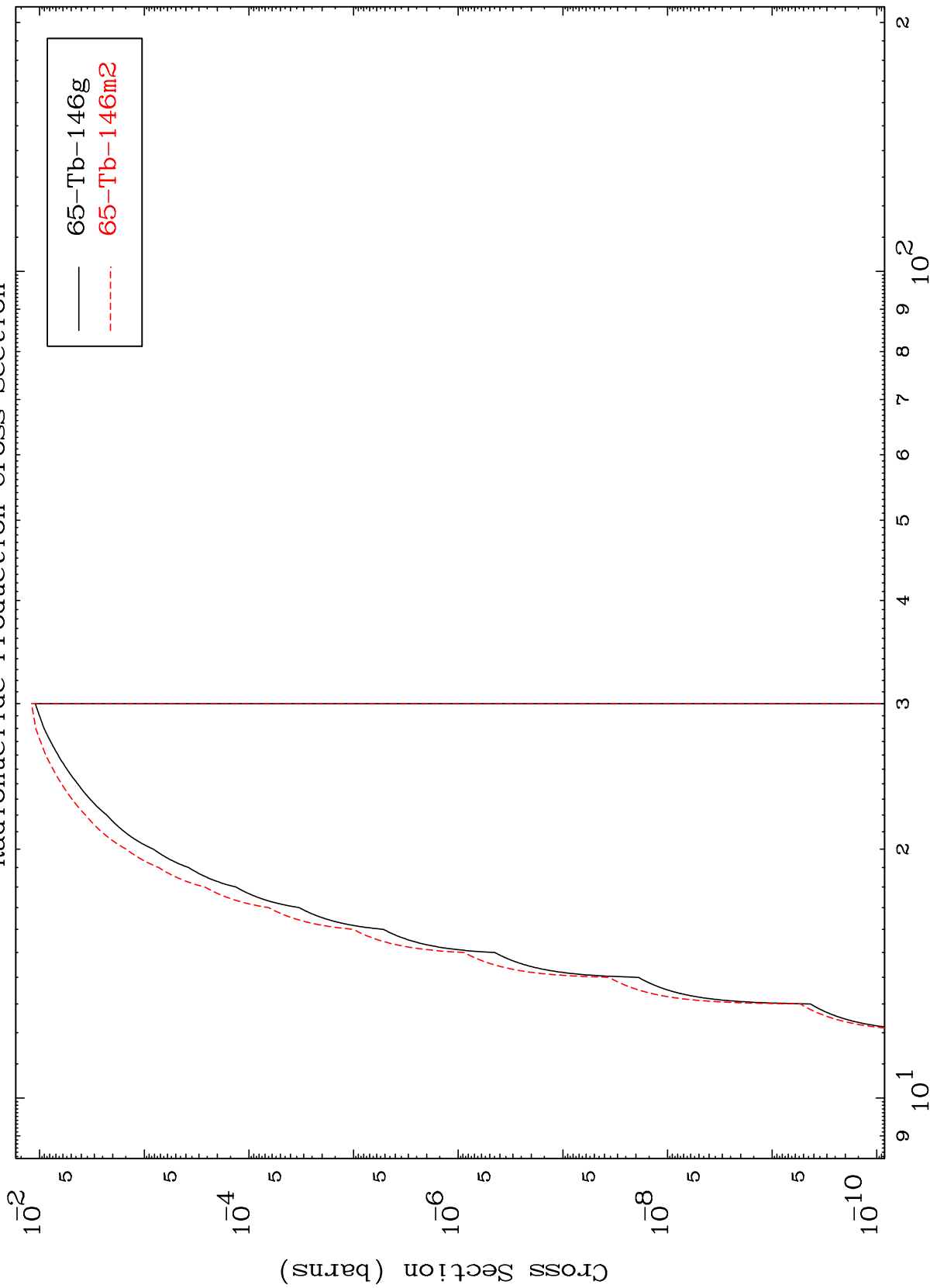


MAT 6490

(p,d)

65-Tb-147

Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

20

Incident Energy (MeV)

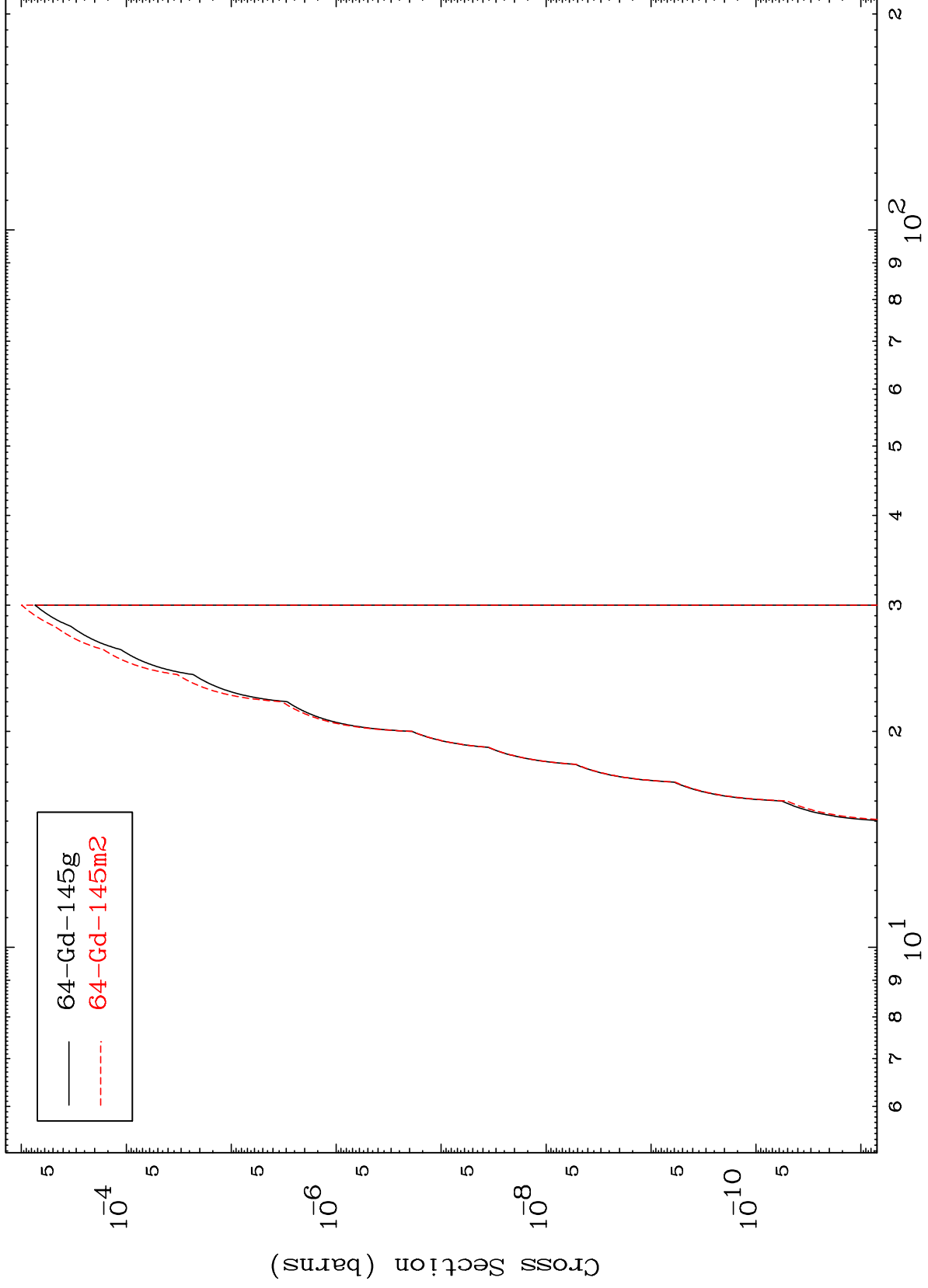
65-Tb-147

MAT 6490

(p,He-3)

65-Tb-147

Radionuclide Production Cross Section

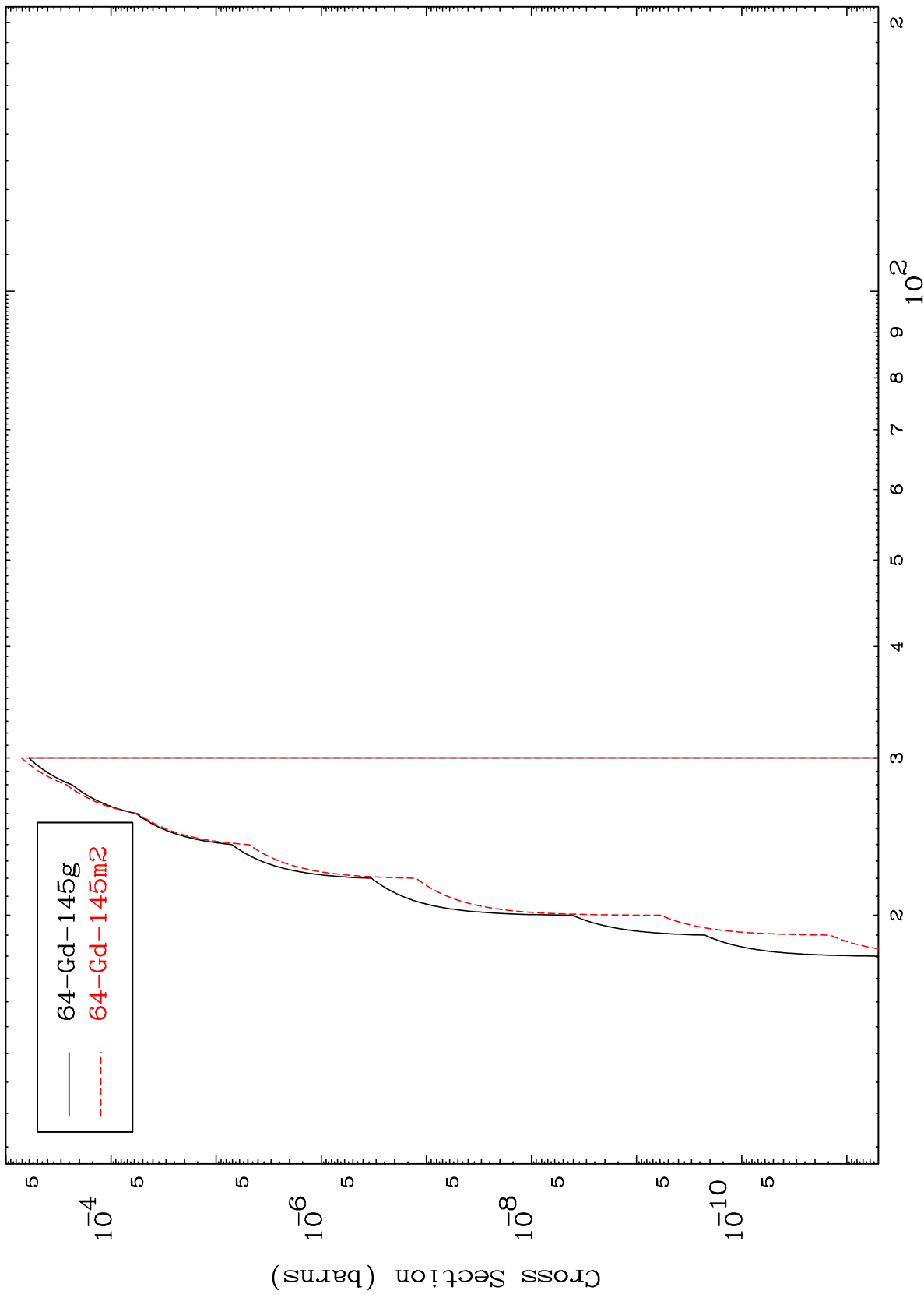


MAT 6490

(p,p) d

65-Tb-147

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-147

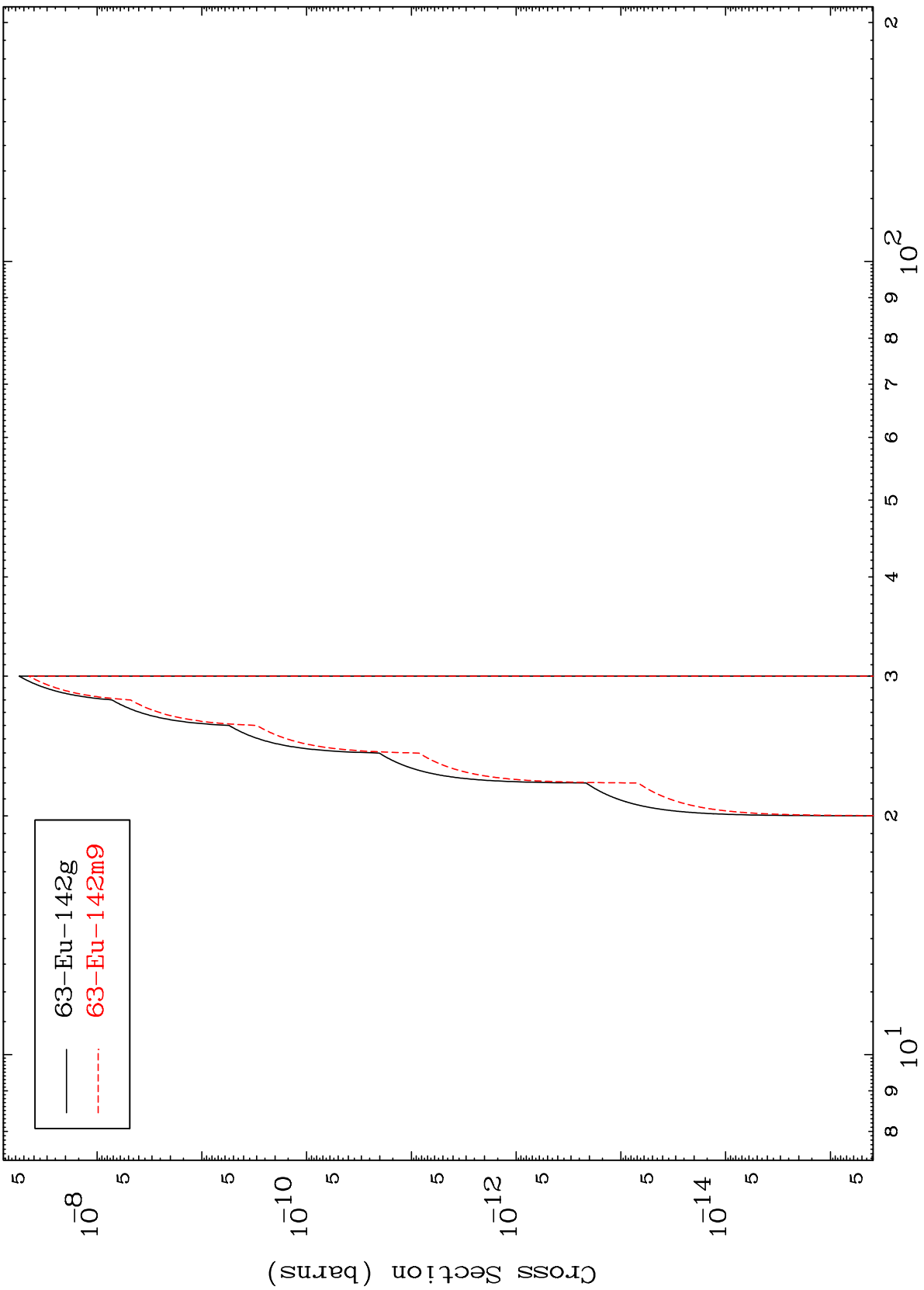
22

MAT 6490

(p,d) α

65-Tb-147

Radionuclide Production Cross Section



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

23

Incident Energy (MeV)

65-Tb-147