

Program EVALPLOT  
(Version 2021-1)

by

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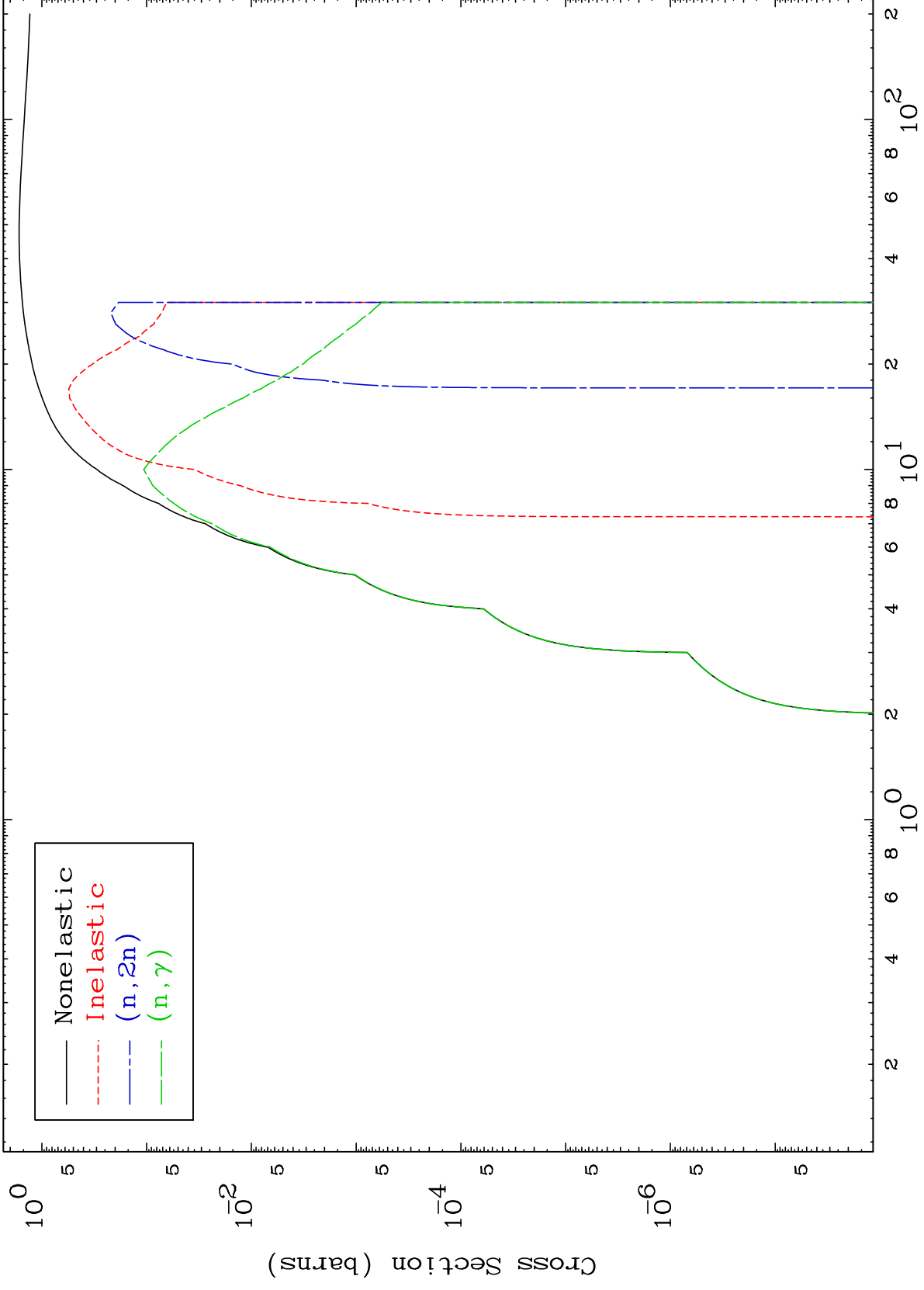
Press Mouse Button to Start

MAT 6490

Proton Major

65-Tb-147m

0 Kelvin Cross Sections

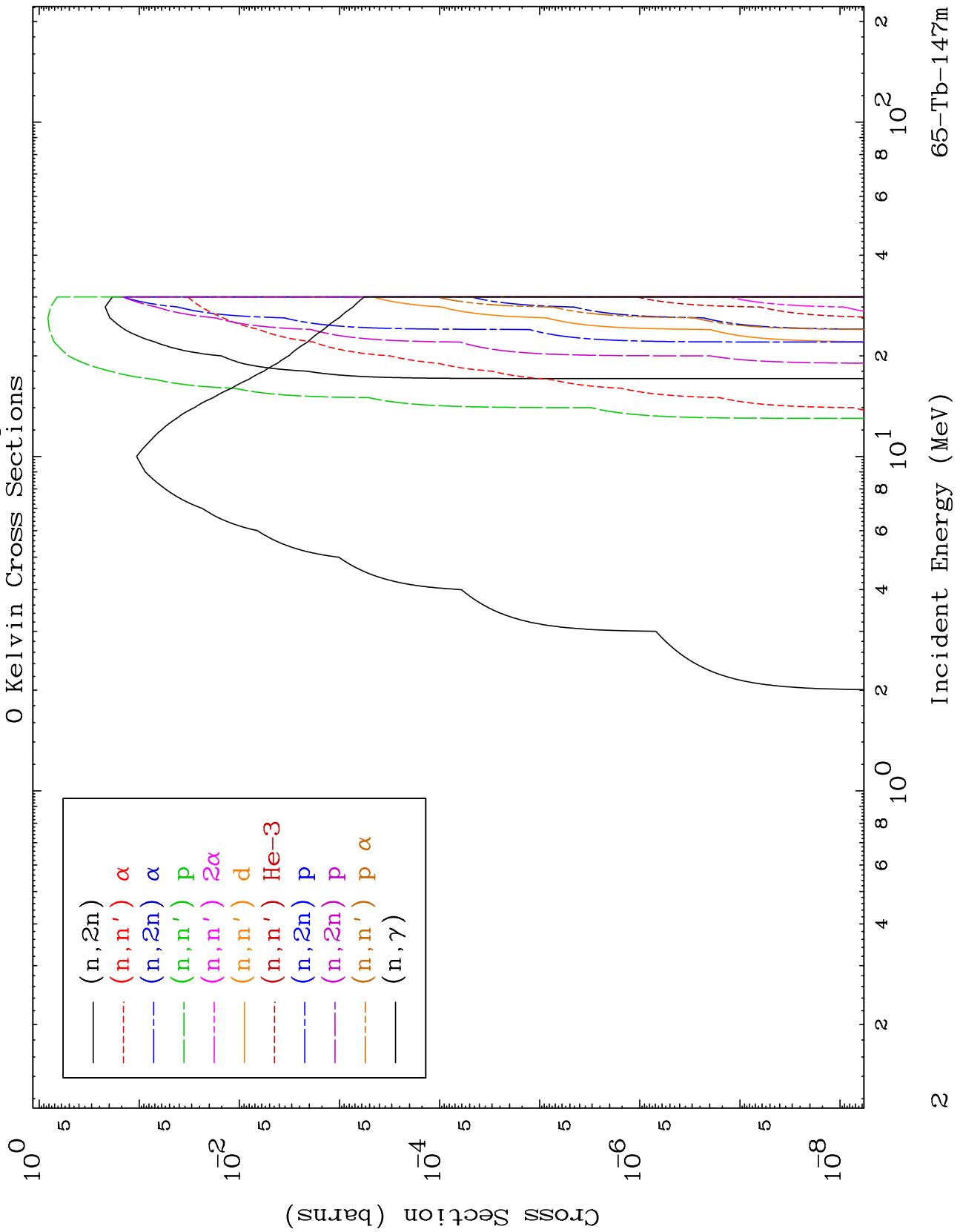


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )

MAT 6490

Proton Neutron Absorption  
0 Kelvin Cross Sections

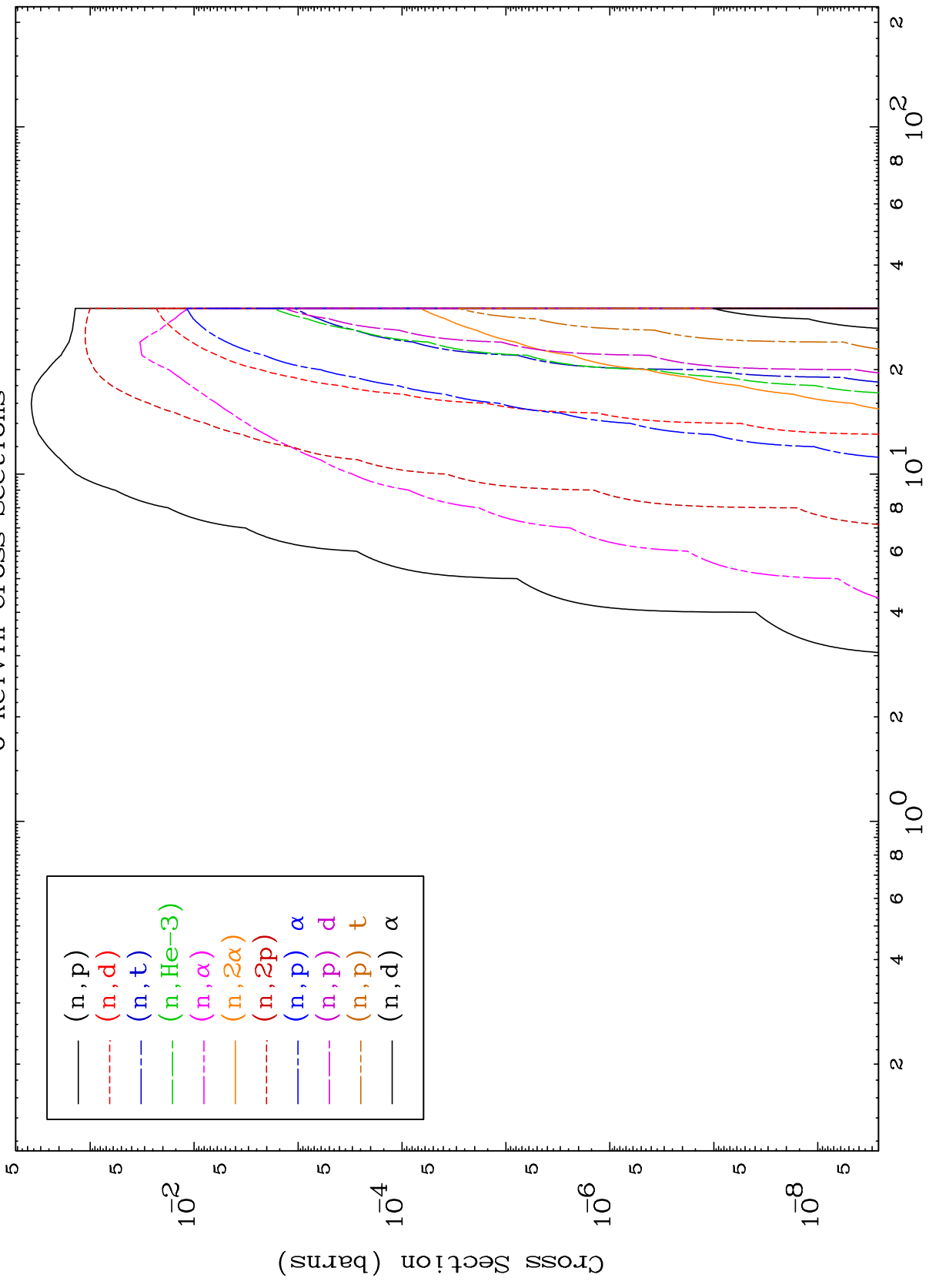
65-Tb-147m



MAT 6490

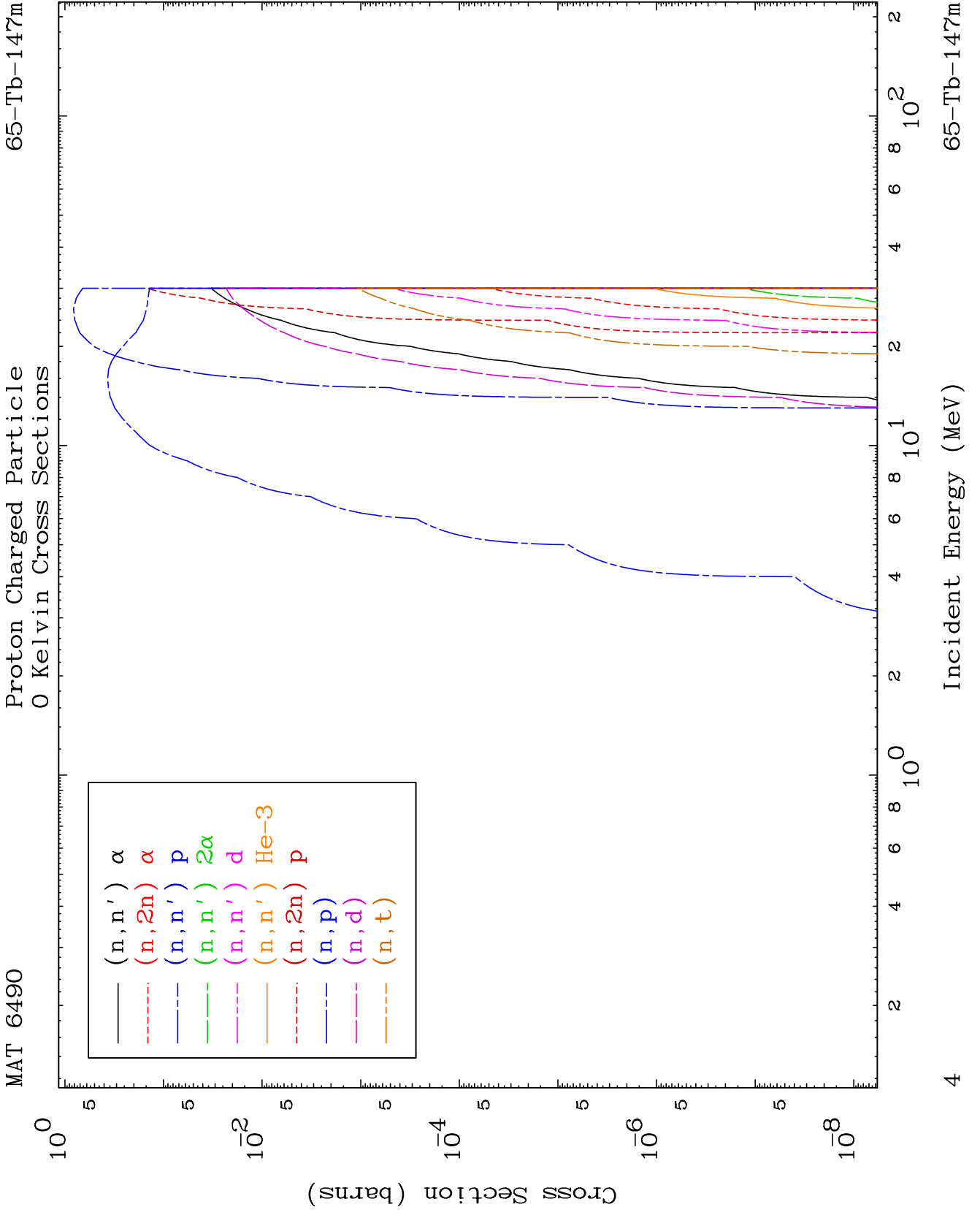
Proton Neutron Absorption  
0 Kelvin Cross Sections

65-Tb-147m



Incident Energy (MeV)

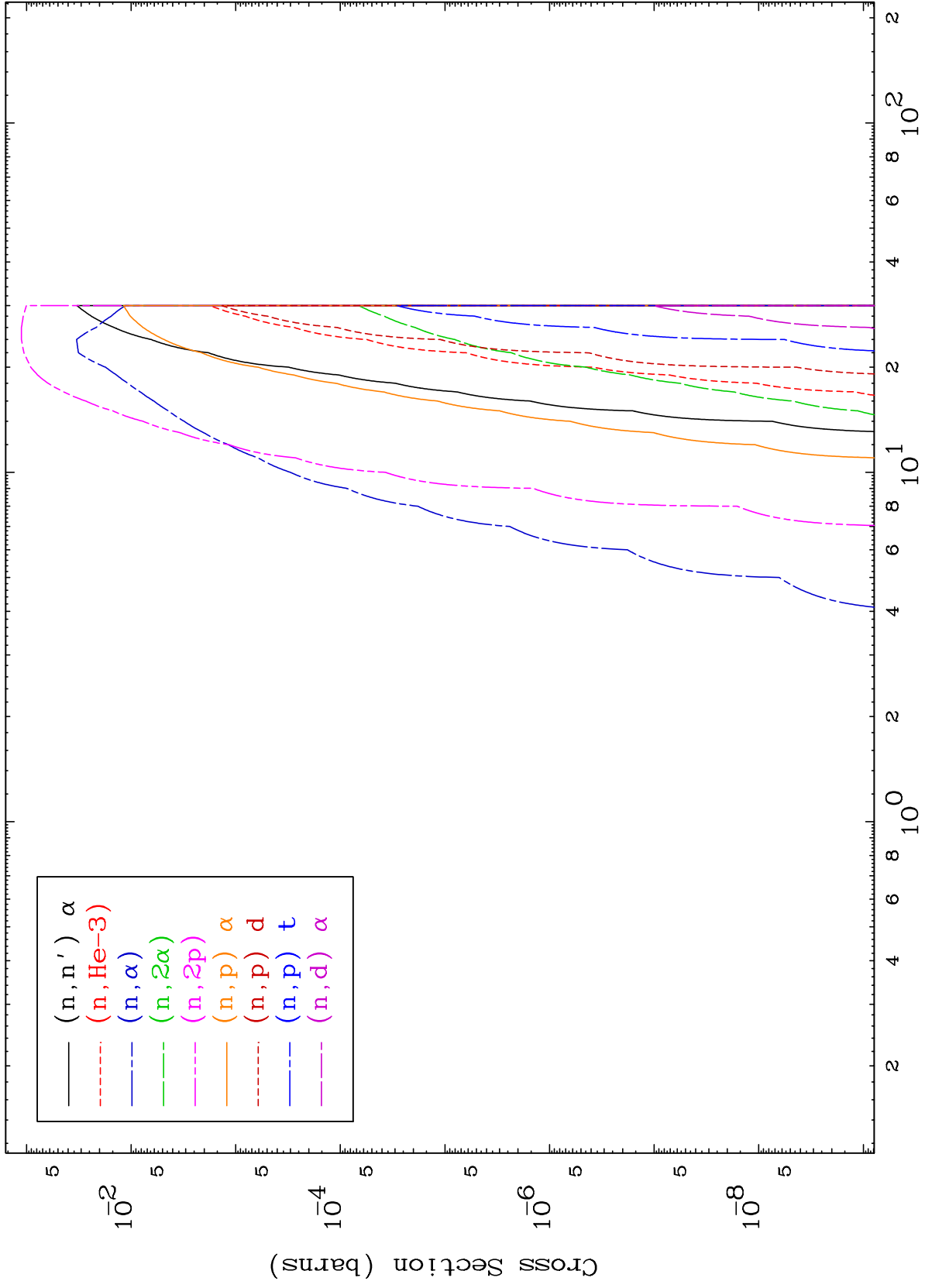
65-Tb-147m



MAT 6490

Proton Charged Particle  
0 Kelvin Cross Sections

65-Tb-147m



Incident Energy (MeV)

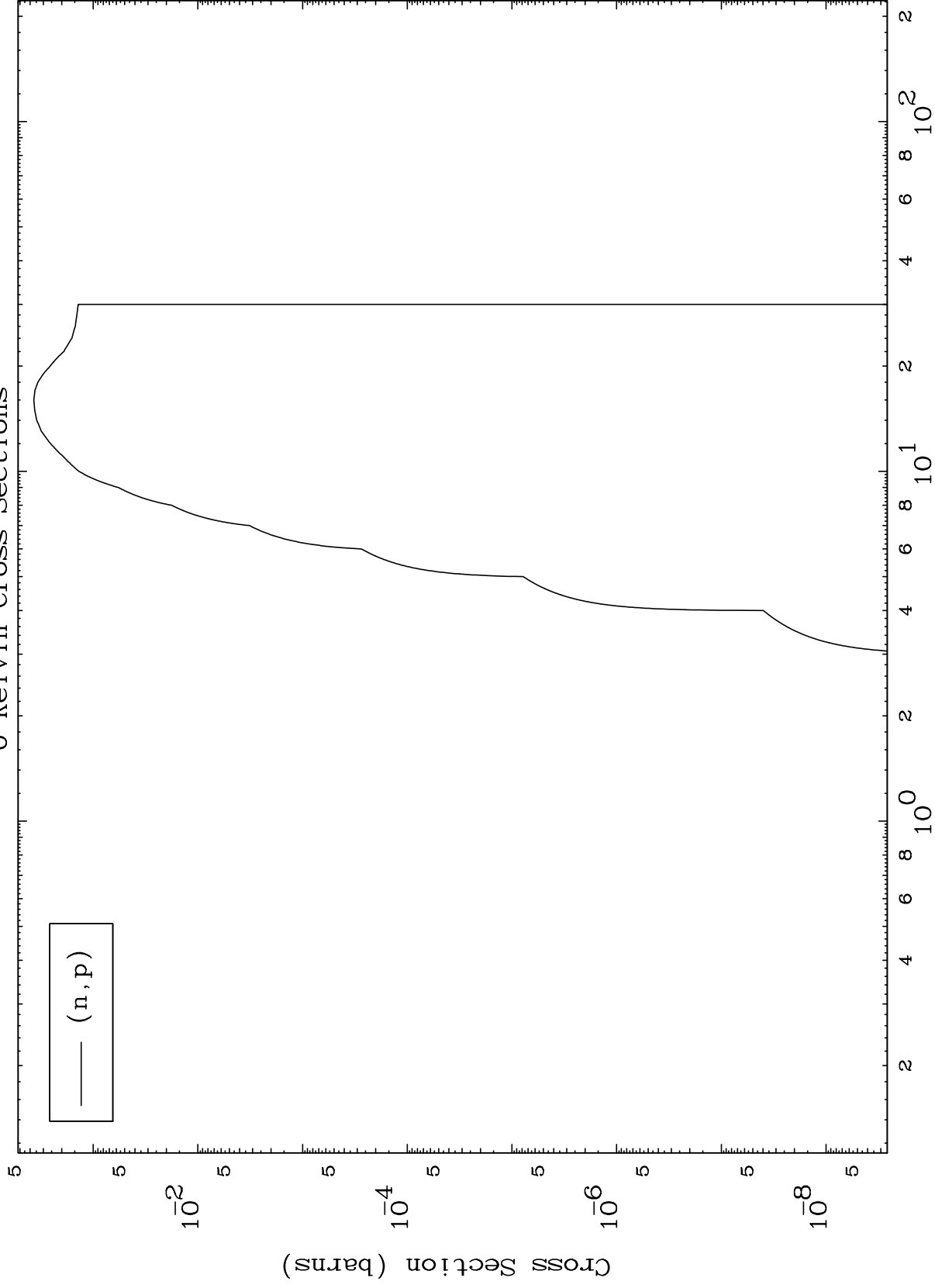
65-Tb-147m

MAT 6490

(p,p) Levels

65-Tb-147m

0 Kelvin Cross Sections



6

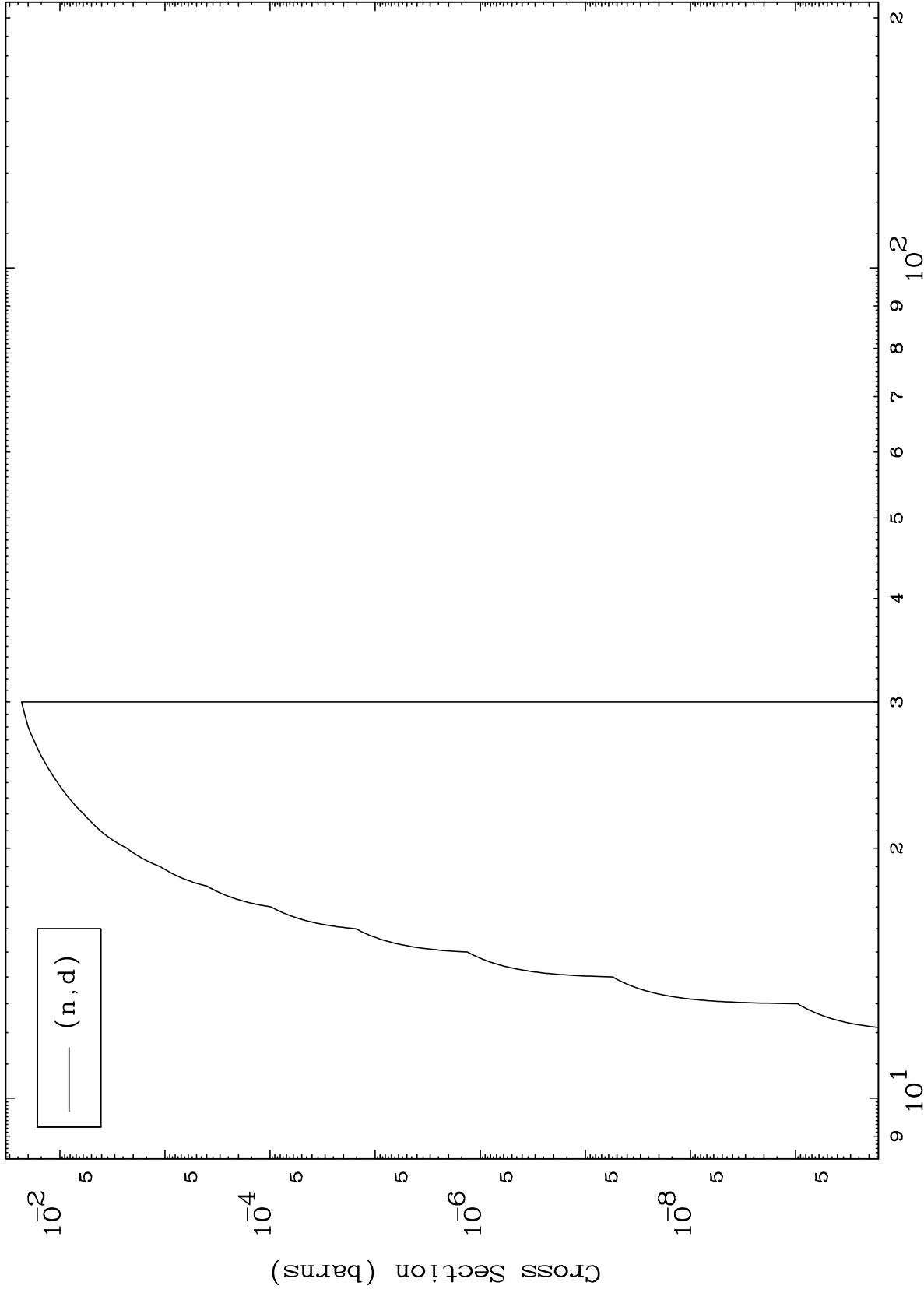
Incident Energy (MeV)

65-Tb-147m

MAT 6490

(p,d) Levels  
0 Kelvin Cross Sections

65-Tb-147m



65-Tb-147m

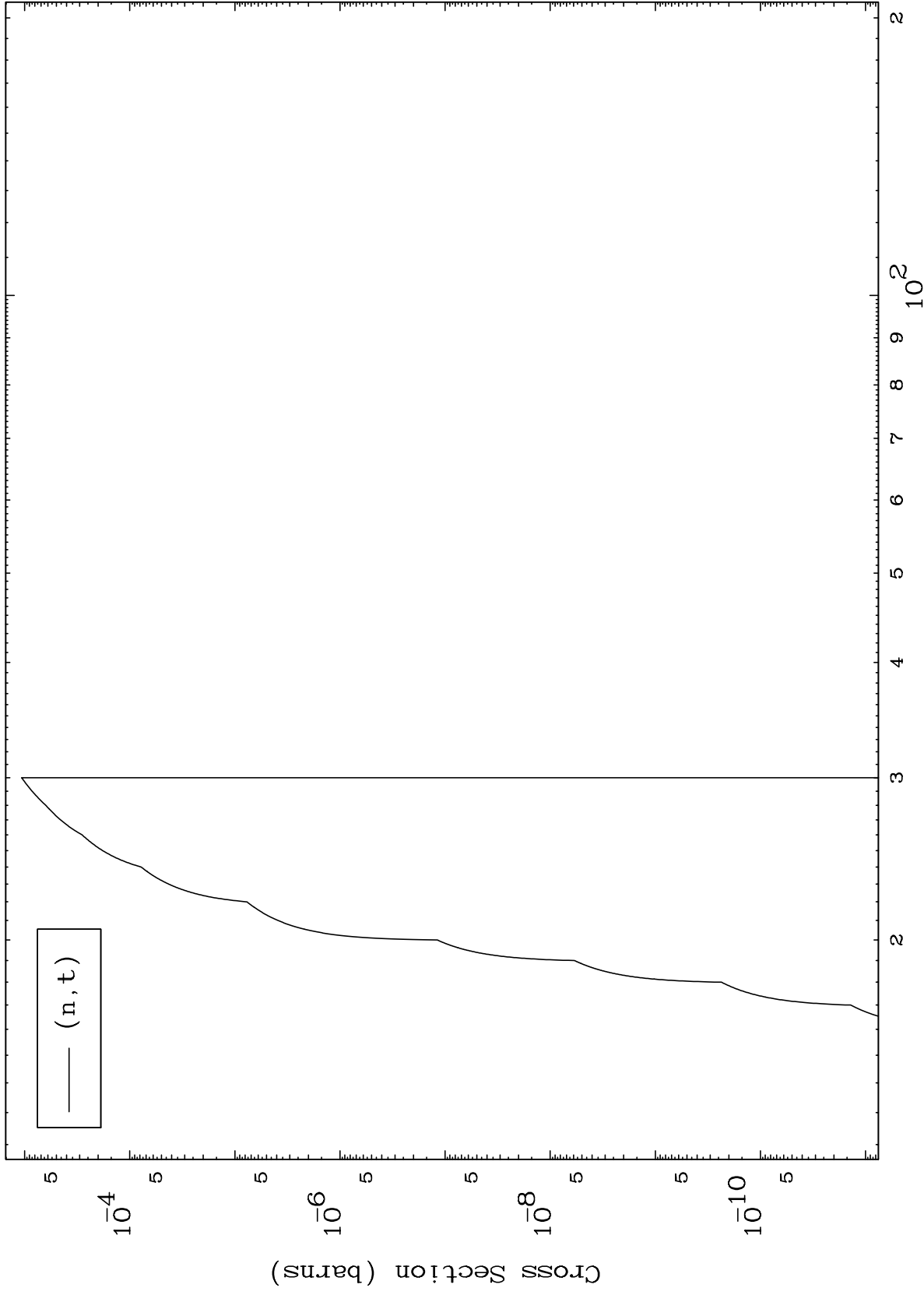
65-Tb-147m



MAT 6490

(p, t) Levels  
0 Kelvin Cross Sections

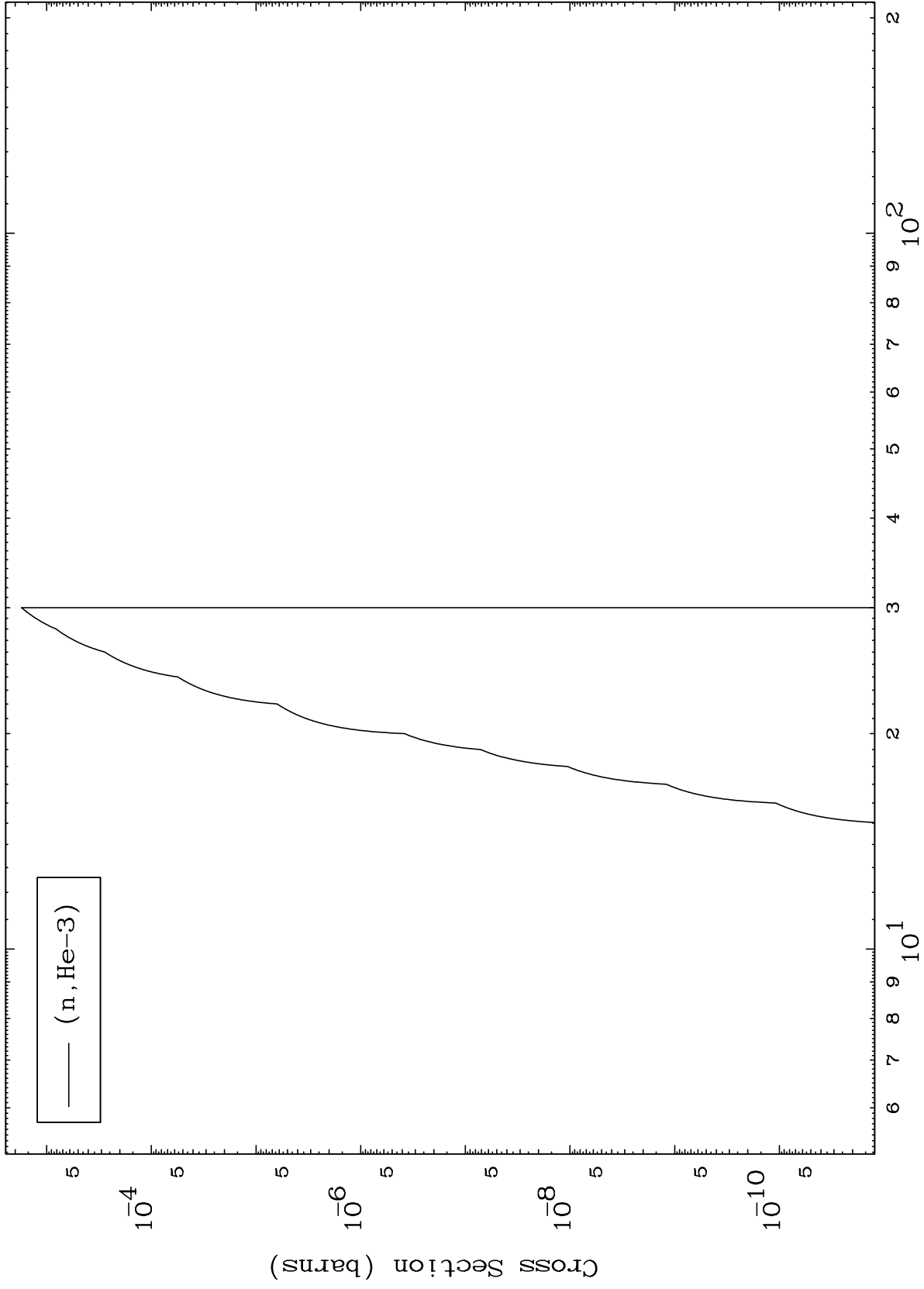
65-Tb-147m



MAT 6490

(p,He3) Levels  
0 Kelvin Cross Sections

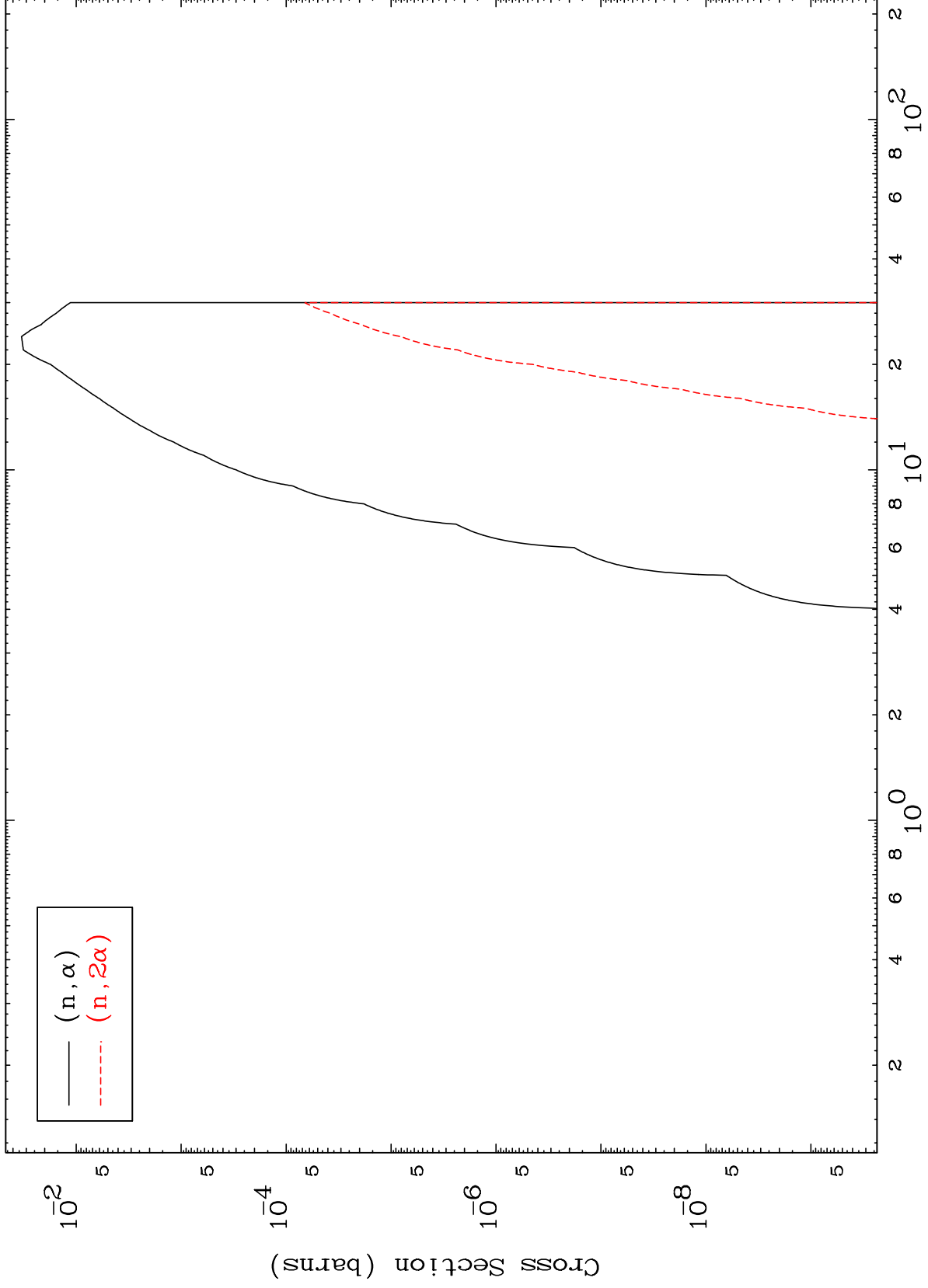
65-Tb-147m



MAT 6490

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

65-Tb-147m



10

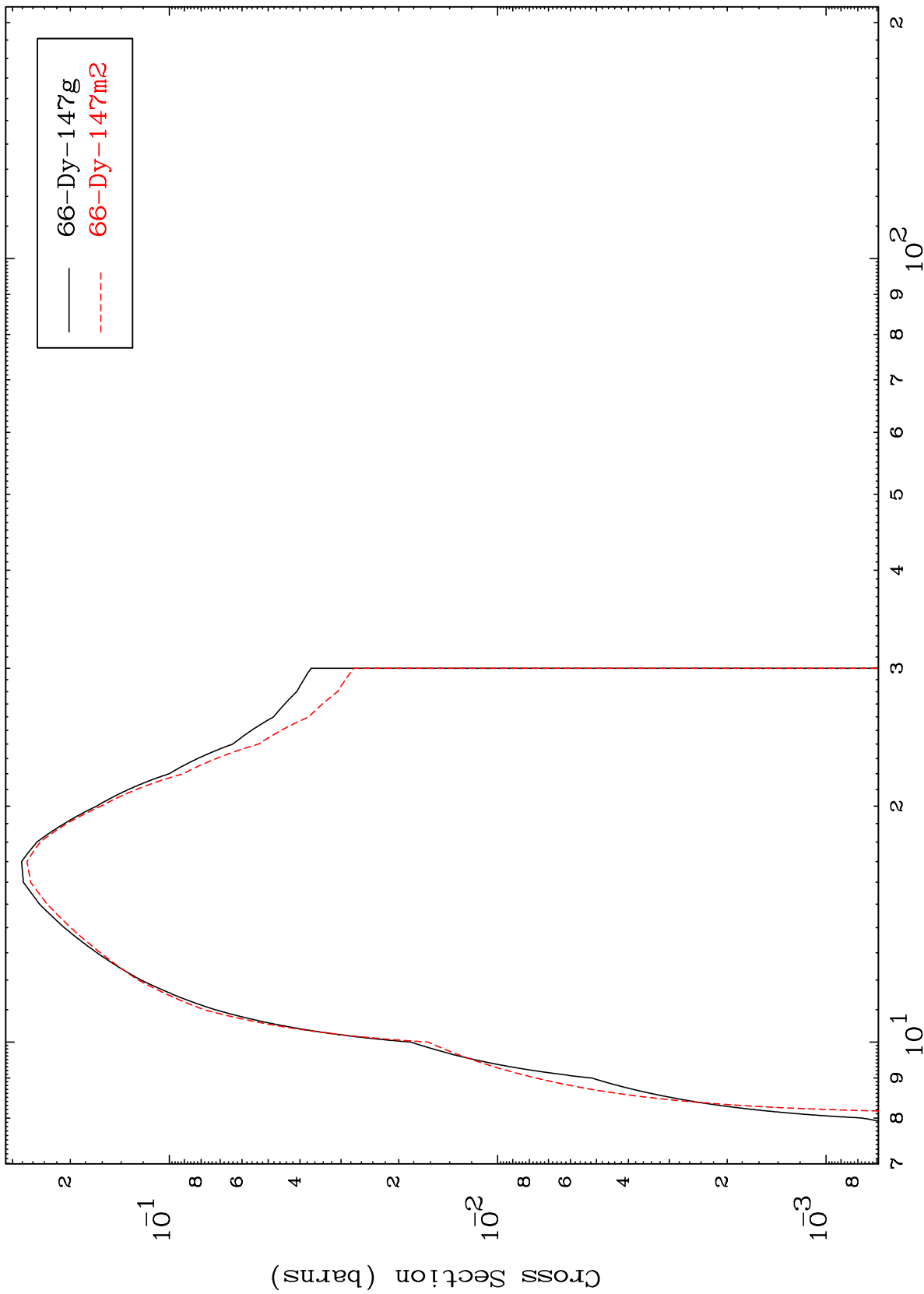
Incident Energy (MeV)

65-Tb-147m

MAT 6490

65-Tb-147m

Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

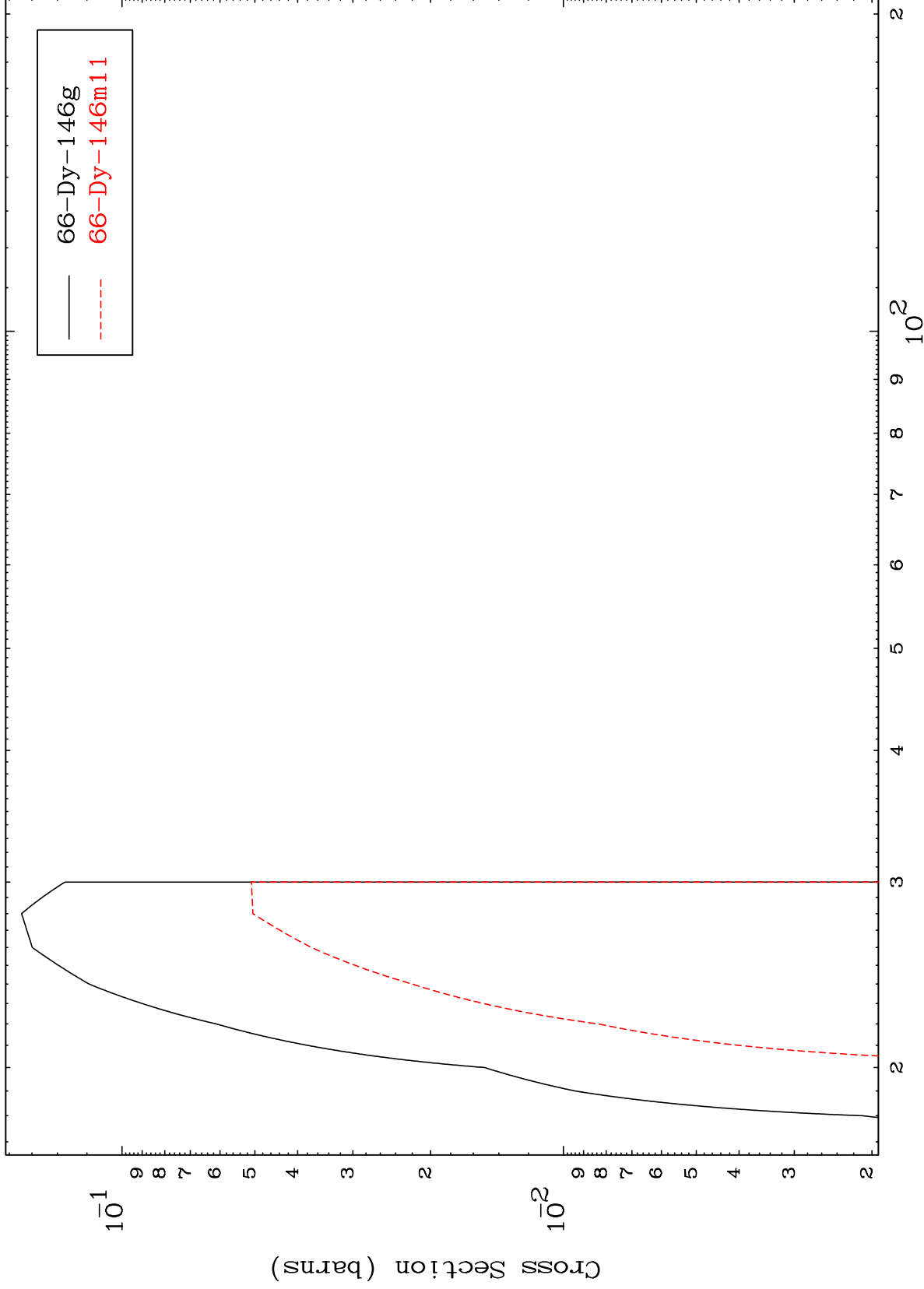
65-Tb-147m

MAT 6490

(n,2n)

65-Tb-147m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

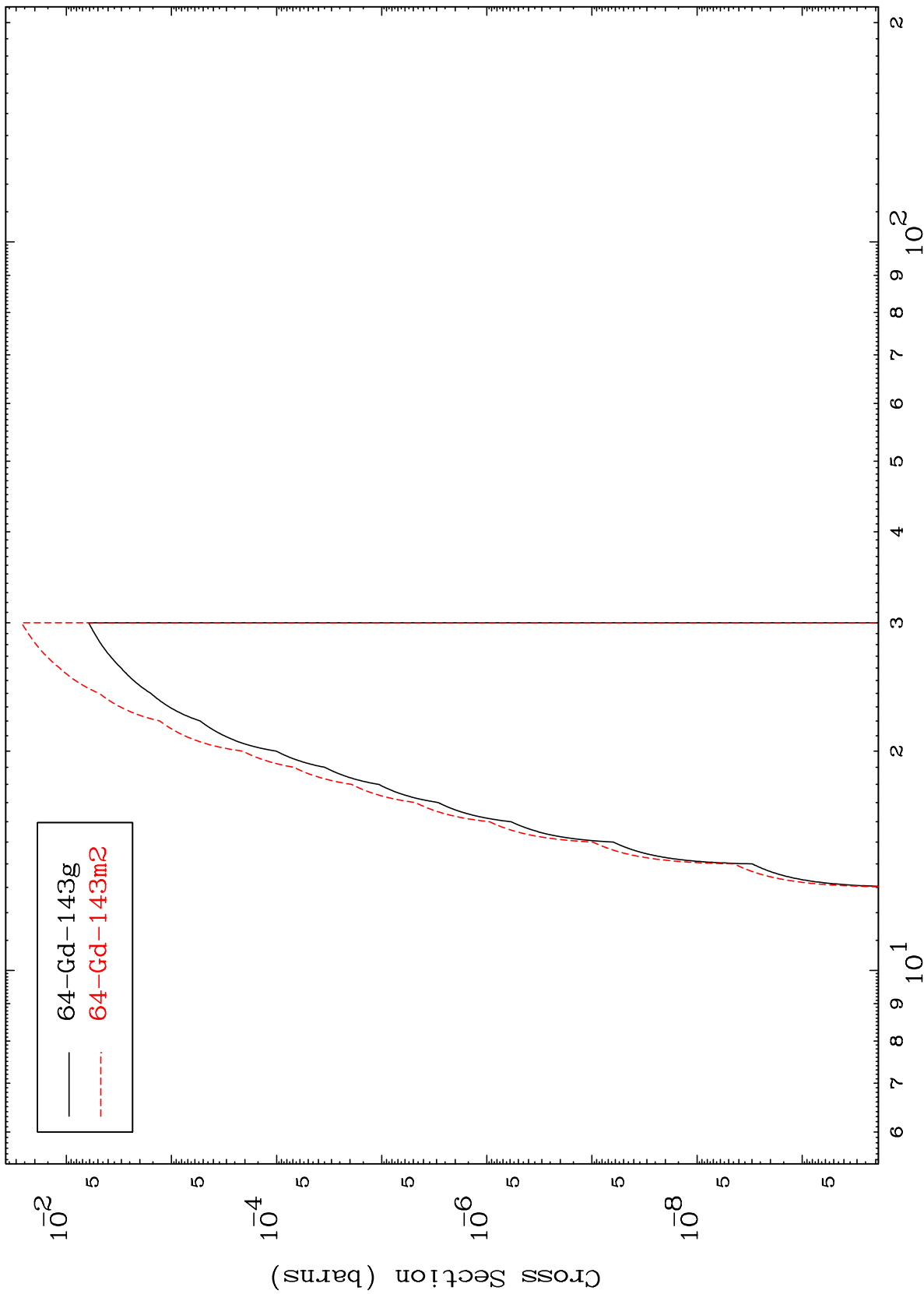
65-Tb-147m

MAT 6490

$(n, n') \alpha$

65-Tb-147m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

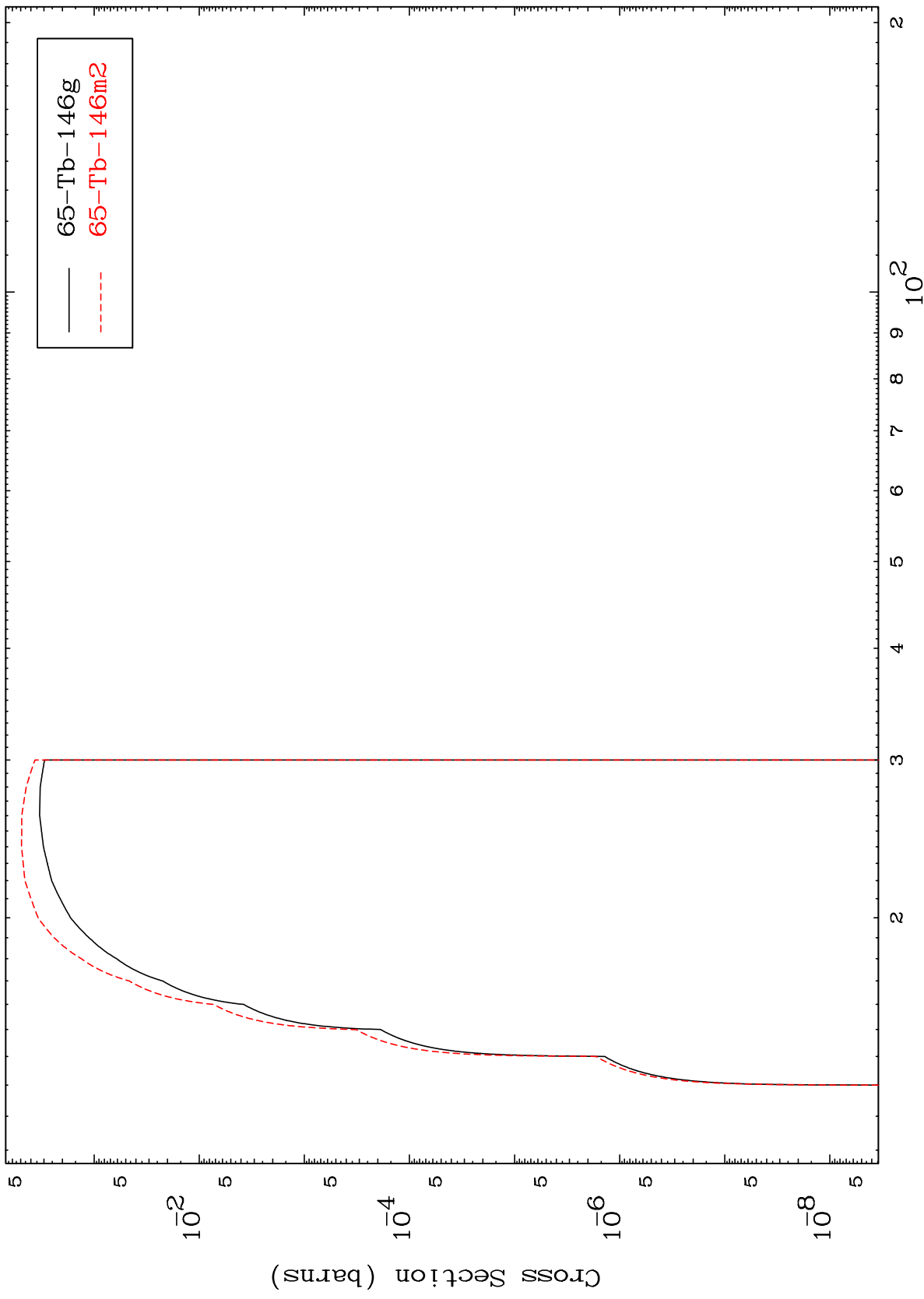
65-Tb-147m

MAT 6490

$(n, n')$  p

65-Tb-147m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

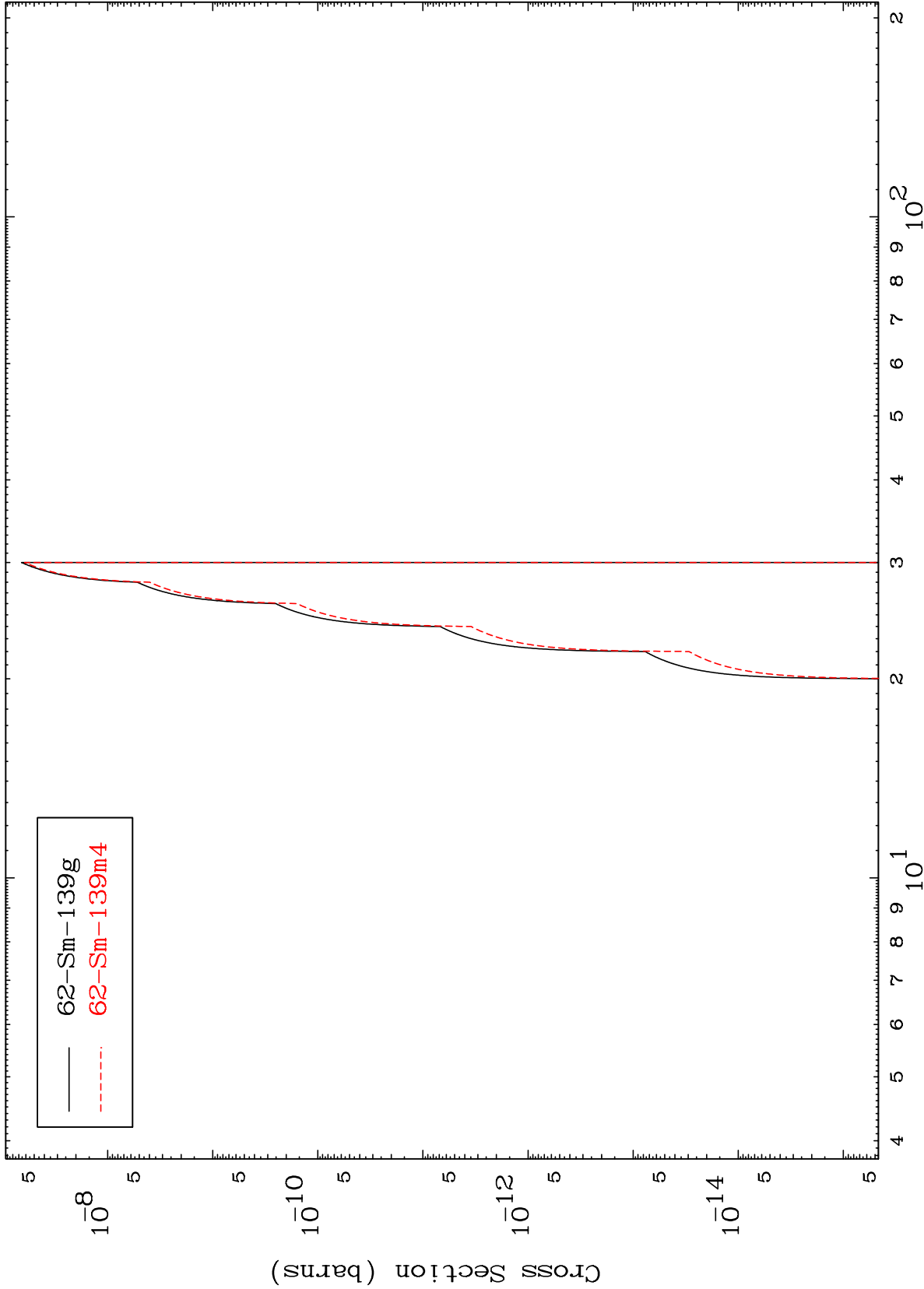
65-Tb-147m

MAT 6490

(n,n') 2α

65-Tb-147m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

65-Tb-147m

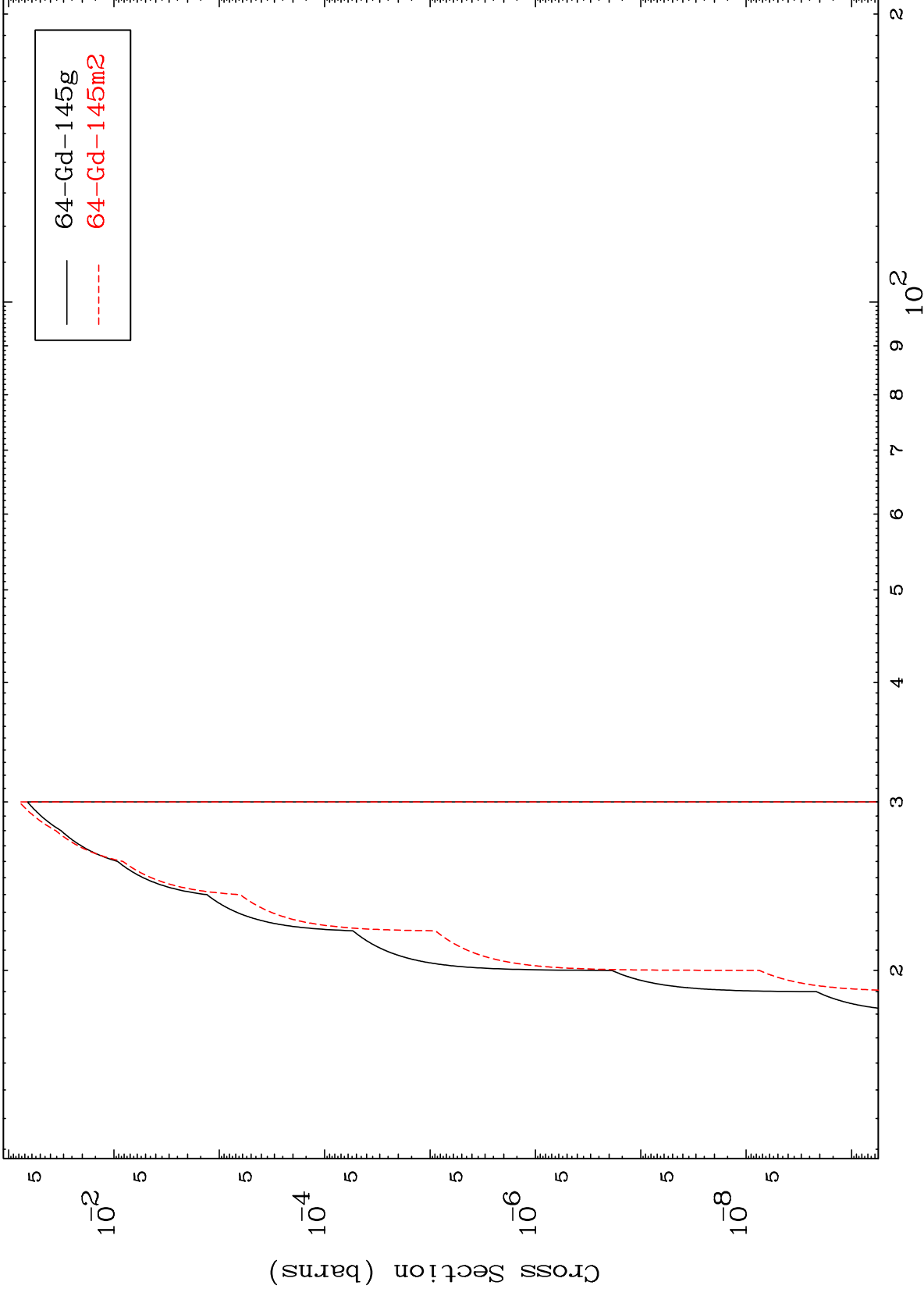


MAT 6490

(n,2n) p

65-Tb-147m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

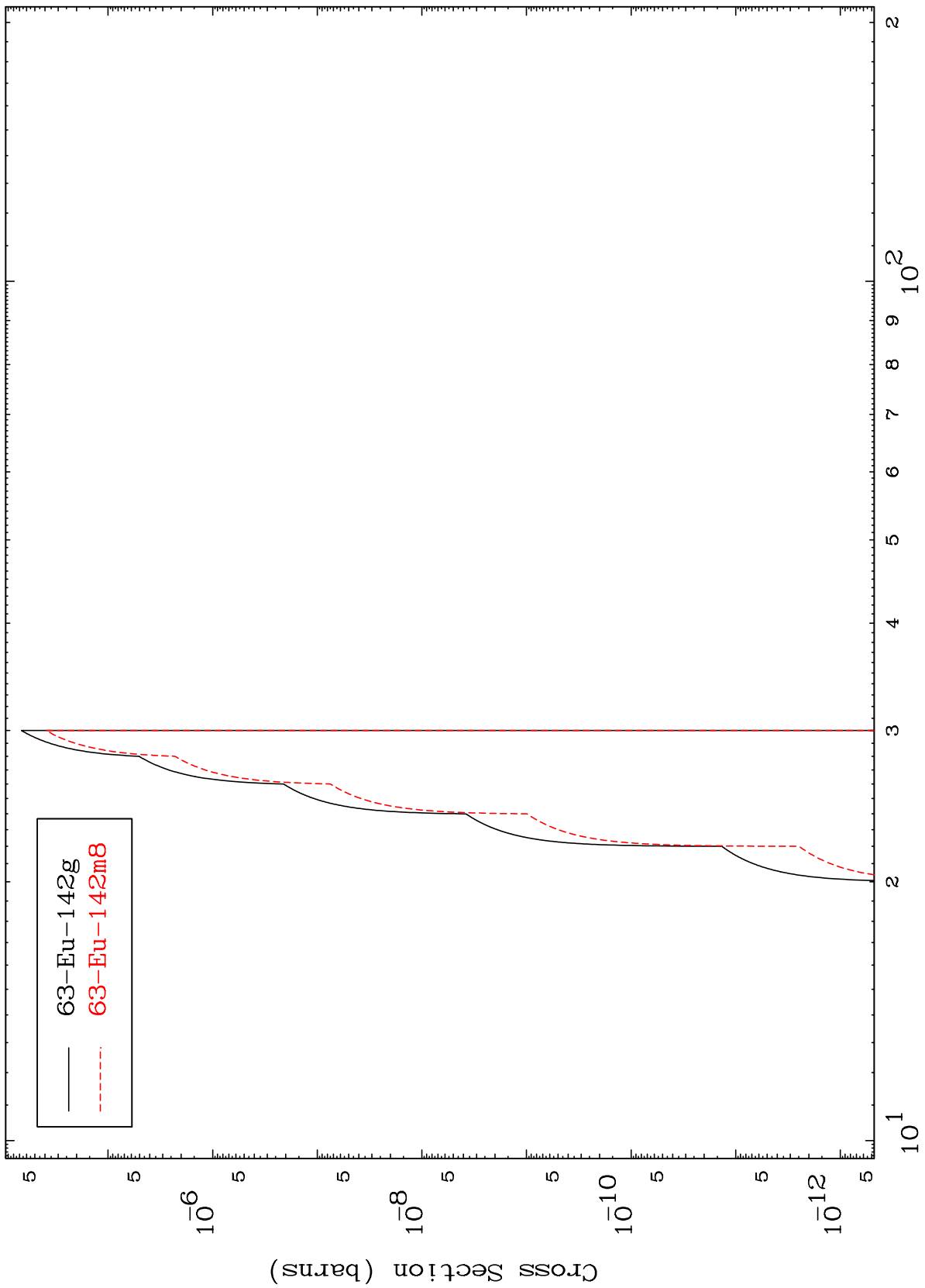
65-Tb-147m

MAT 6490

(n,n') p  $\alpha$

65-Tb-147m

Radionuclide Production Cross Section



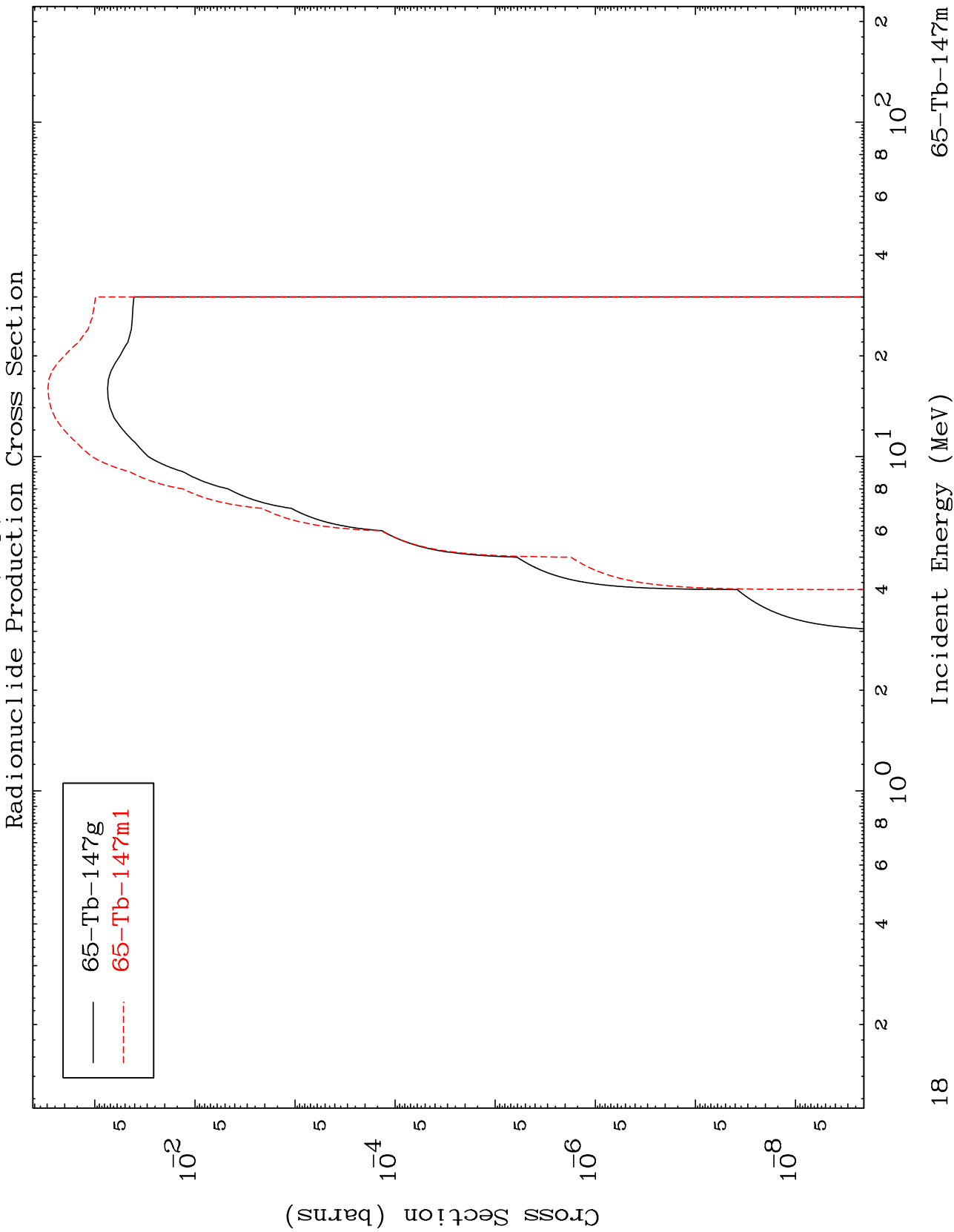
17

Incident Energy (MeV)

65-Tb-147m

MAT 6490

65-Tb-147m

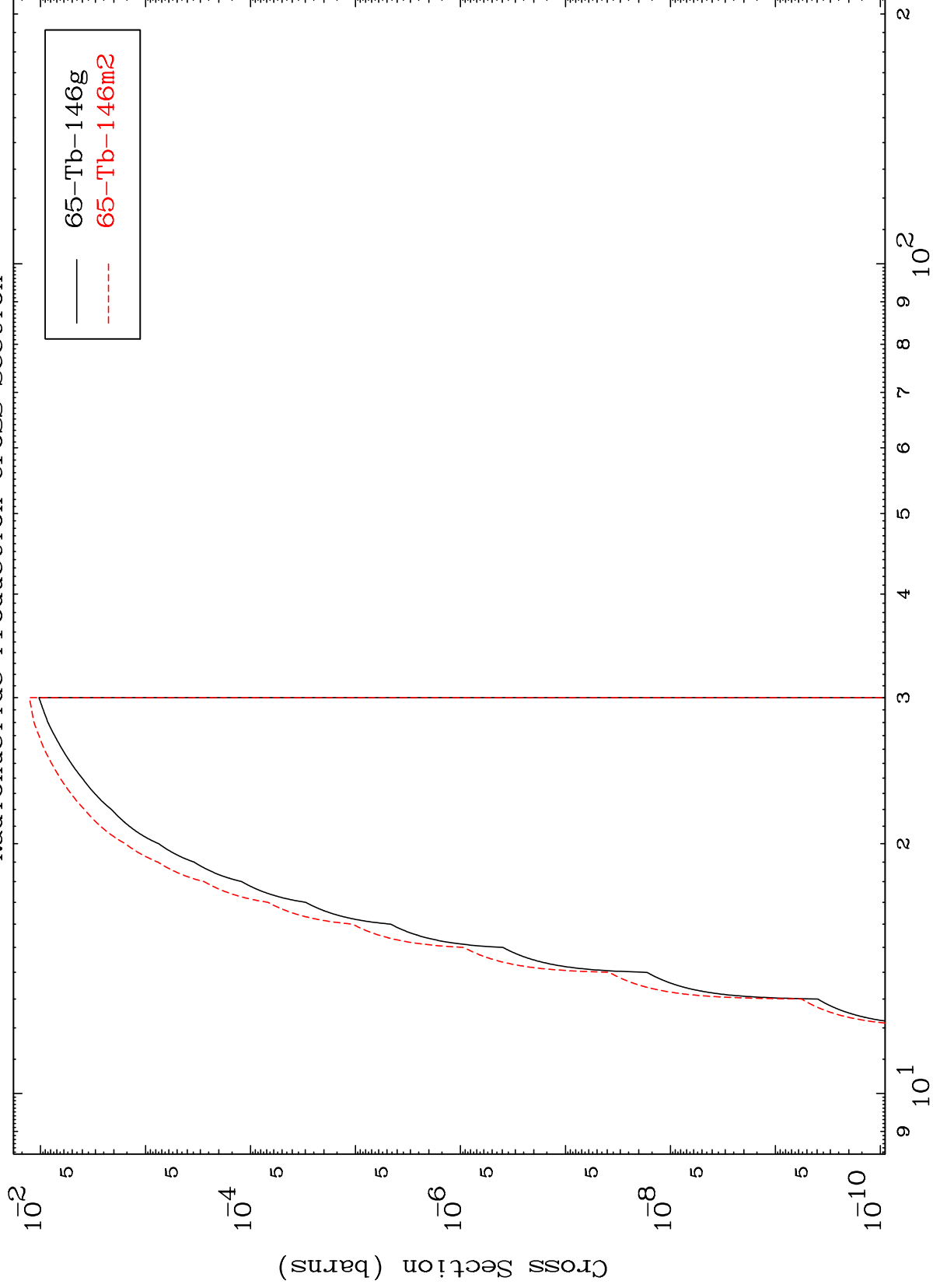


MAT 6490

(n,d)

65-Tb-147m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

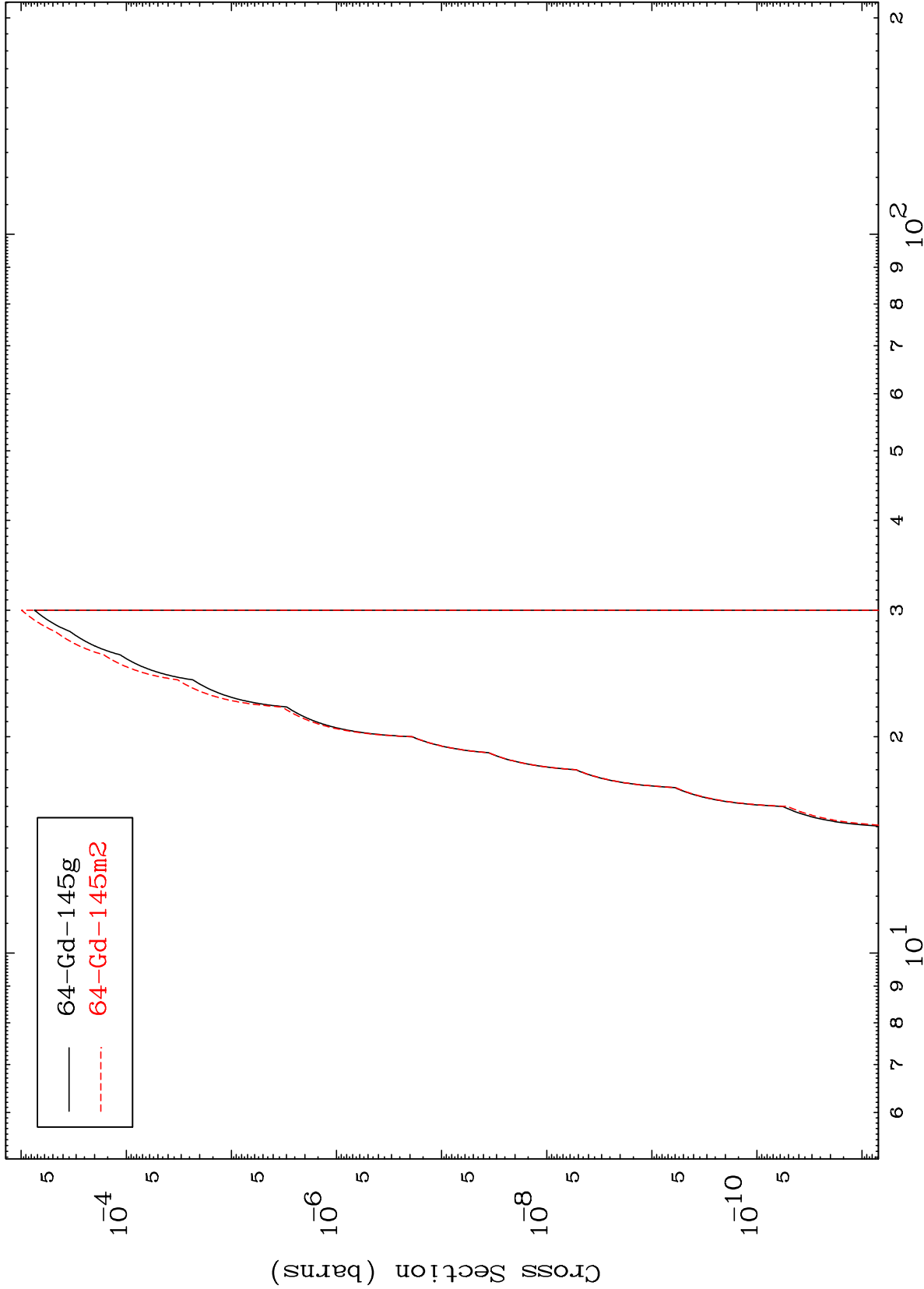
65-Tb-147m

MAT 6490

(n,He-3)

65-Tb-147m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

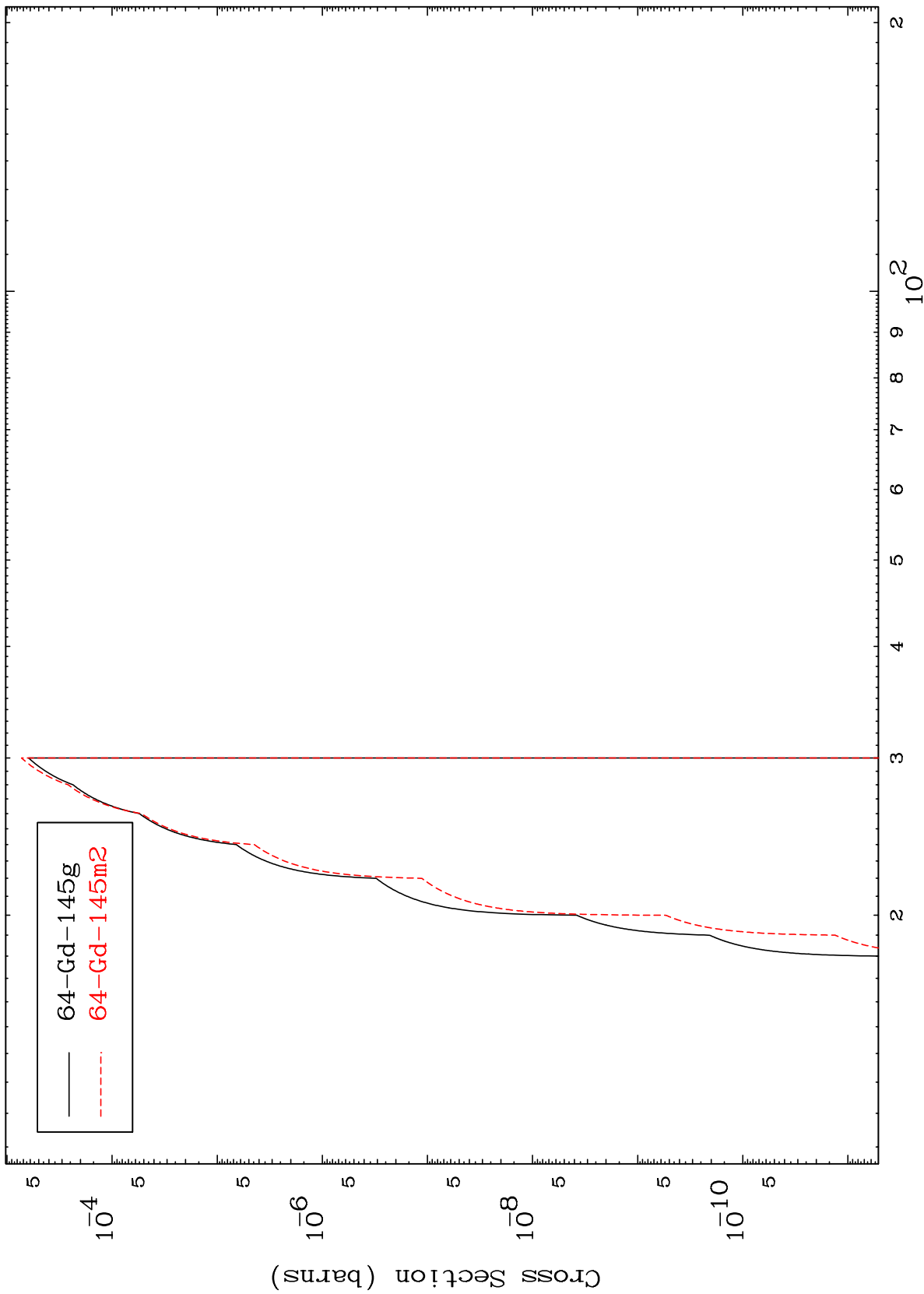
65-Tb-147m

MAT 6490

(n,p) d

65-Tb-147m

Radionuclide Production Cross Section



Incident Energy (MeV)

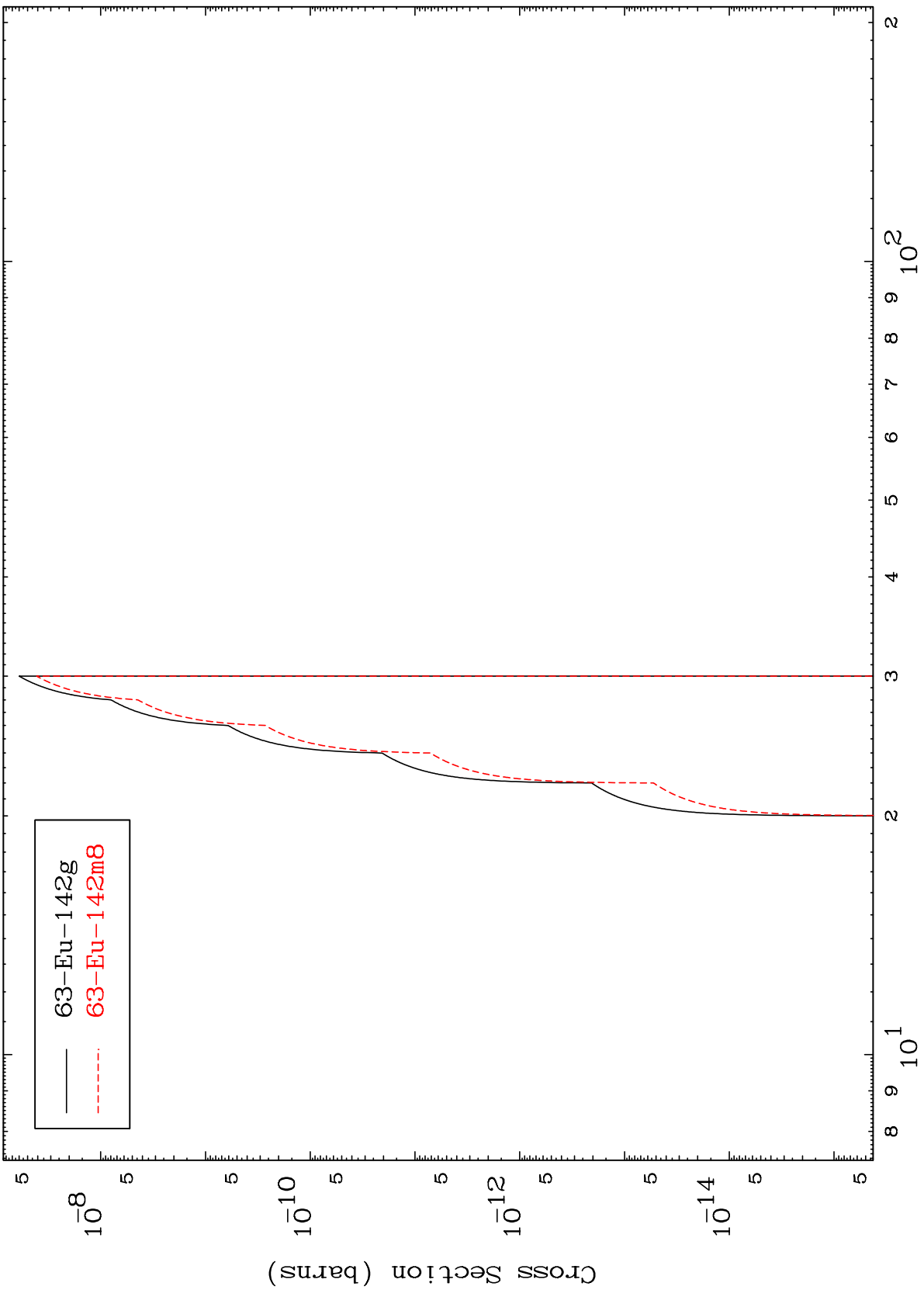
65-Tb-147m

MAT 6490

(n,d)  $\alpha$

65-Tb-147m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

65-Tb-147m