

Program EVALPLOT  
(Version 2018-1)

by

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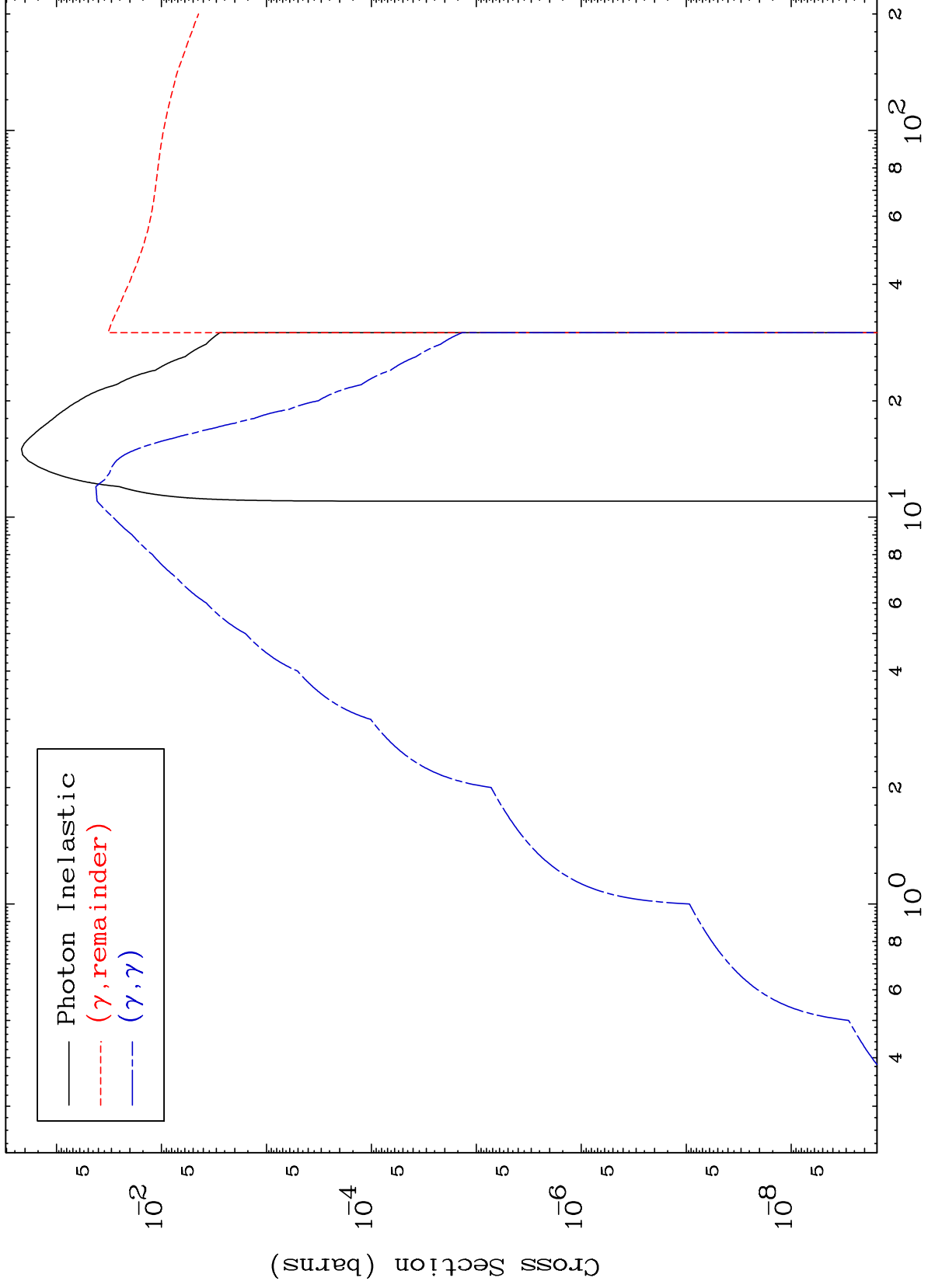
Press Mouse Button to Start

MAT 6490

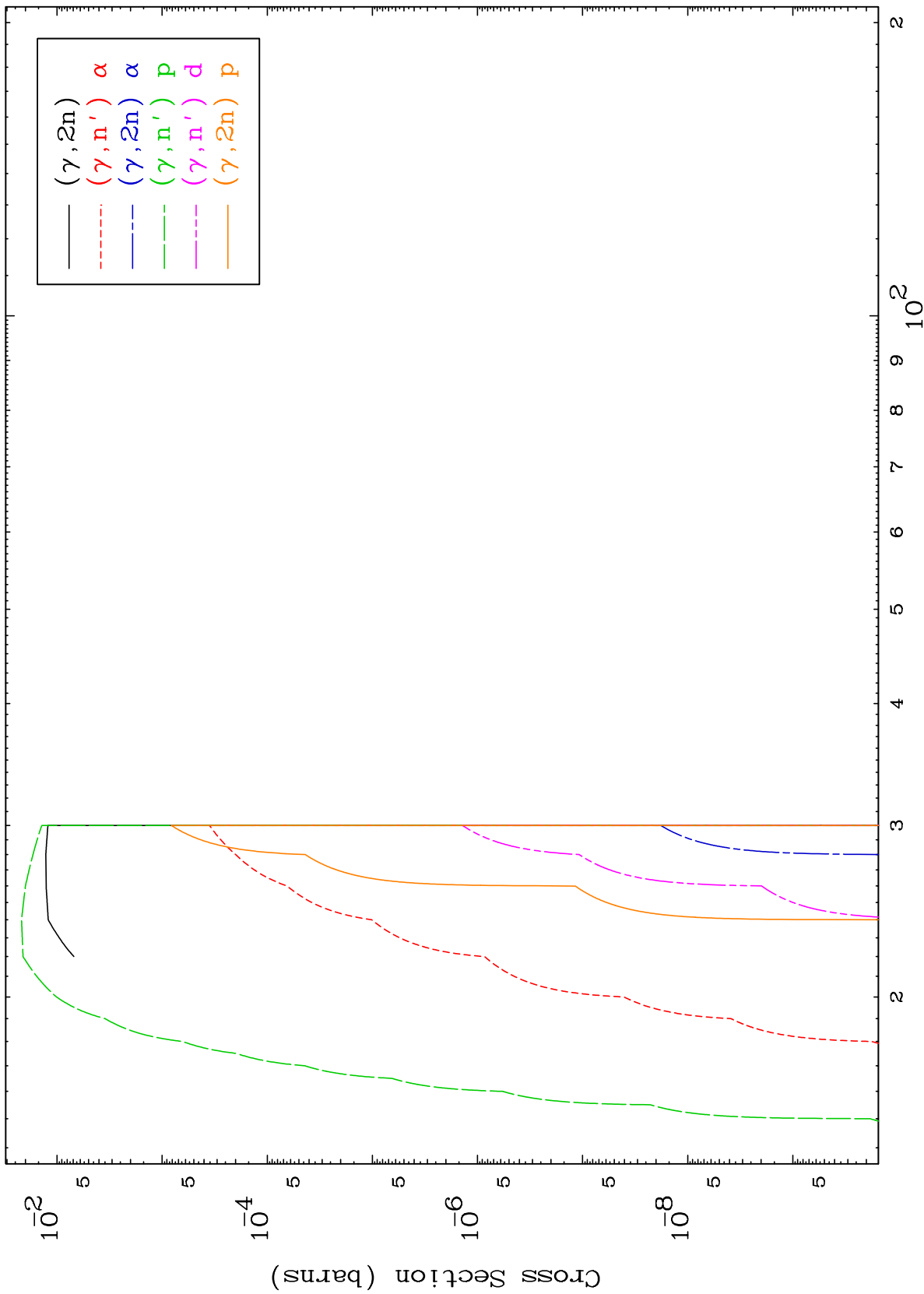
Photon Major

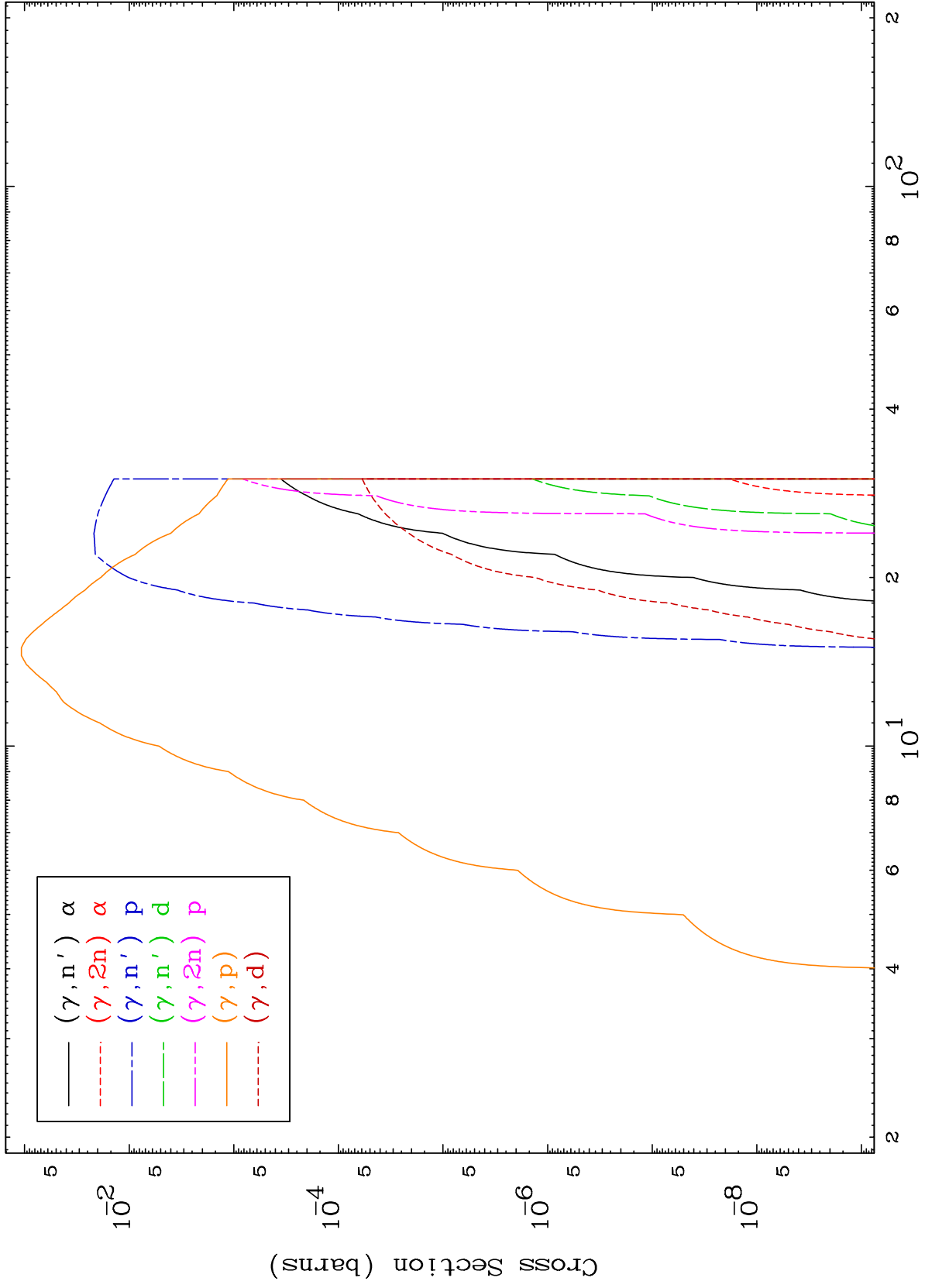
65-Tb-147

0 Kelvin Cross Sections



— Photon Inelastic  
- - - (γ, remainder)  
- - - (γ, γ)

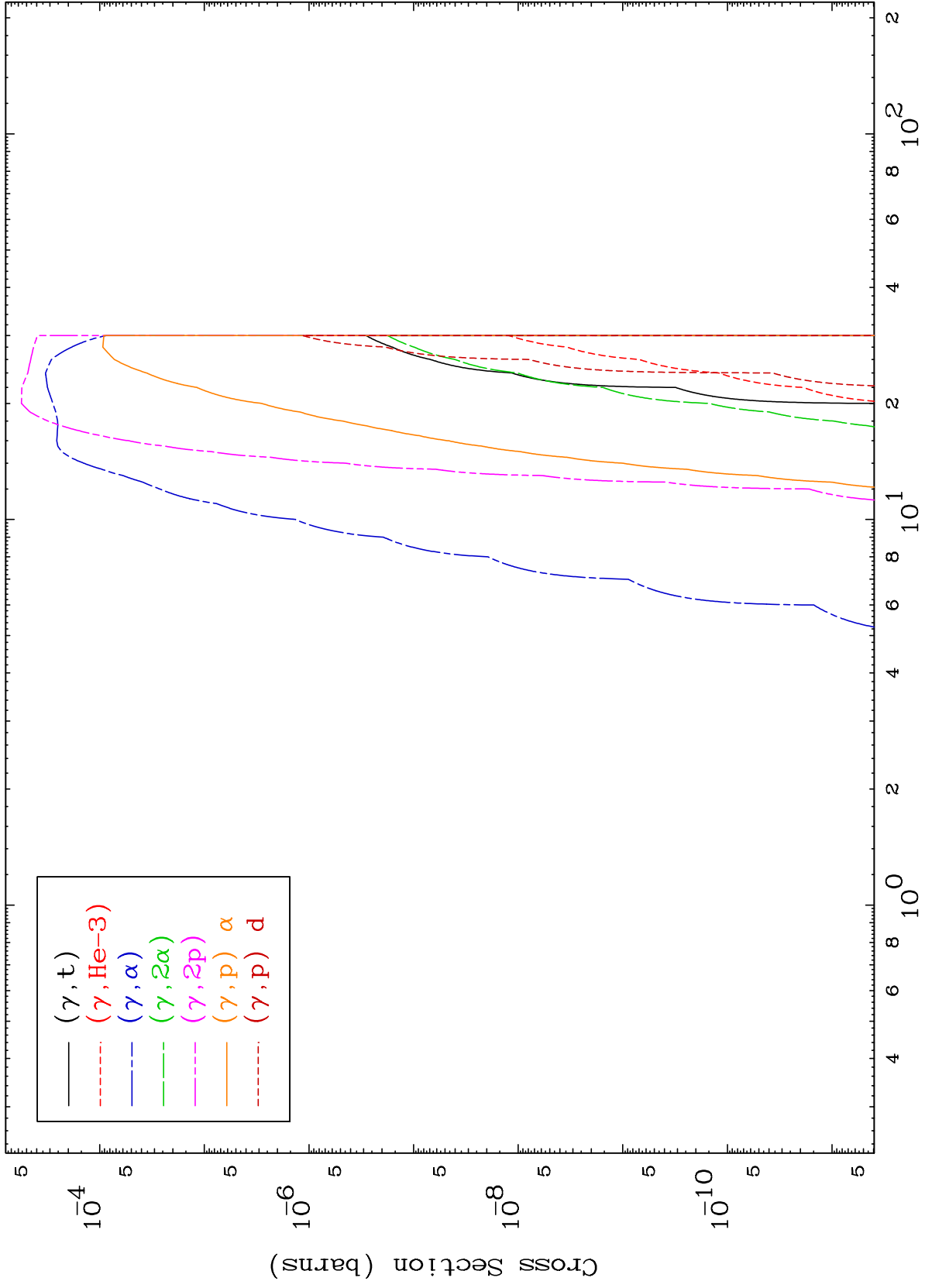




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Photon Charged Particle  
0 Kelvin Cross Sections

65-Tb-147

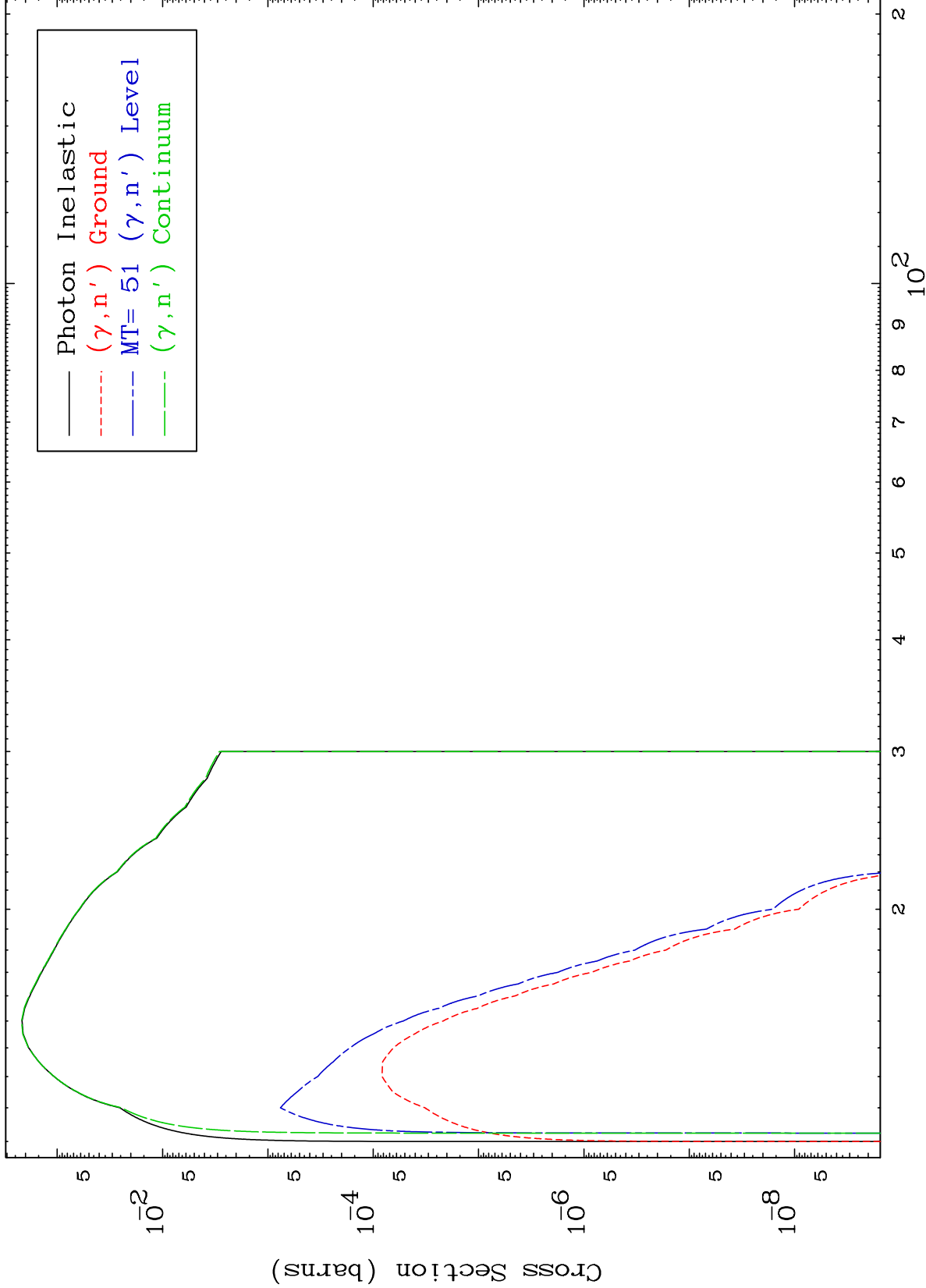


MAT 6490

$(\gamma, n')$  Level

65-Tb-147

0 Kelvin Cross Sections



5

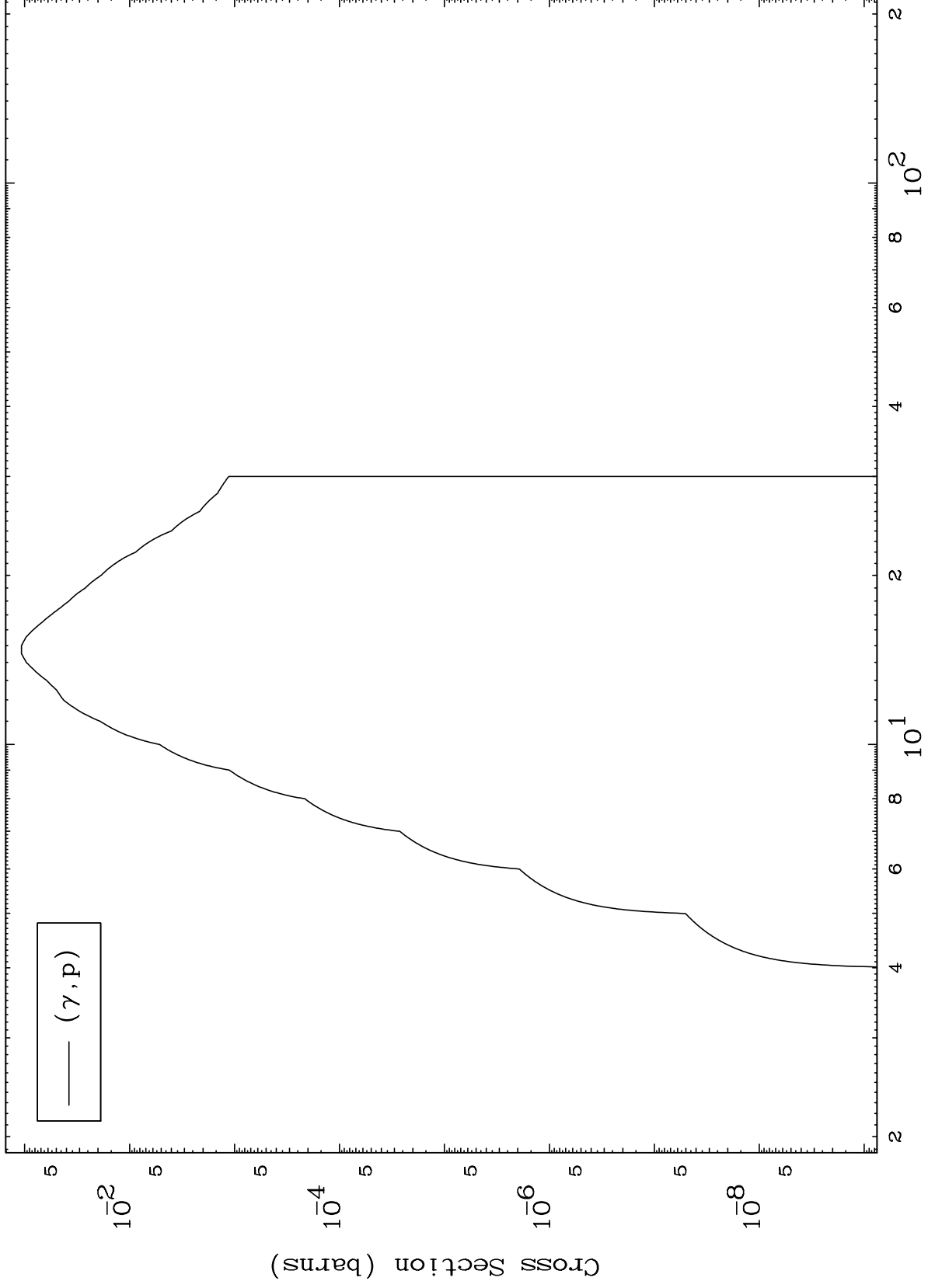
Incident Energy (MeV)

65-Tb-147

MAT 6490

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

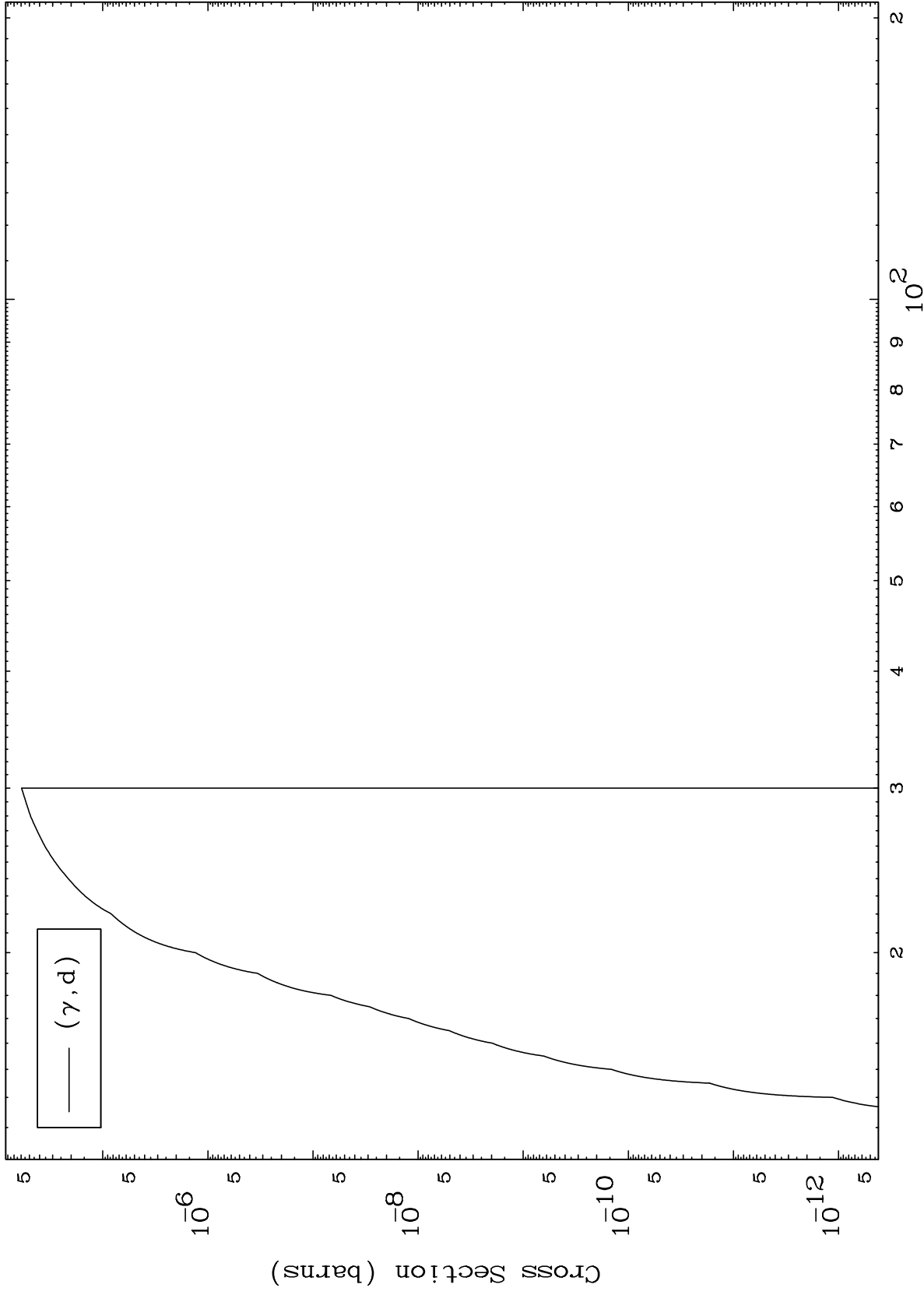
65-Tb-147



6

Incident Energy (MeV)

65-Tb-147

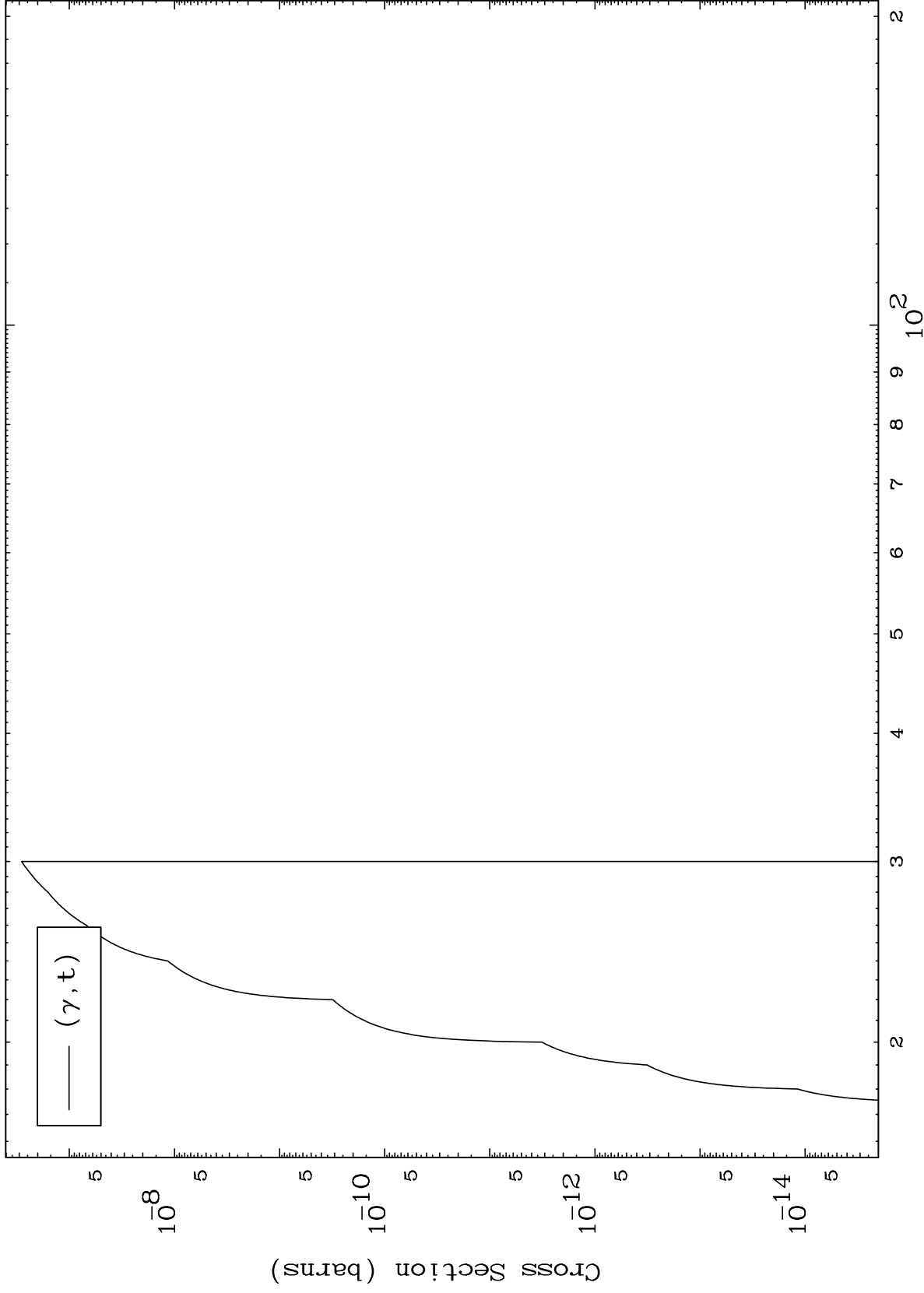




MAT 6490

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

65-Tb-147

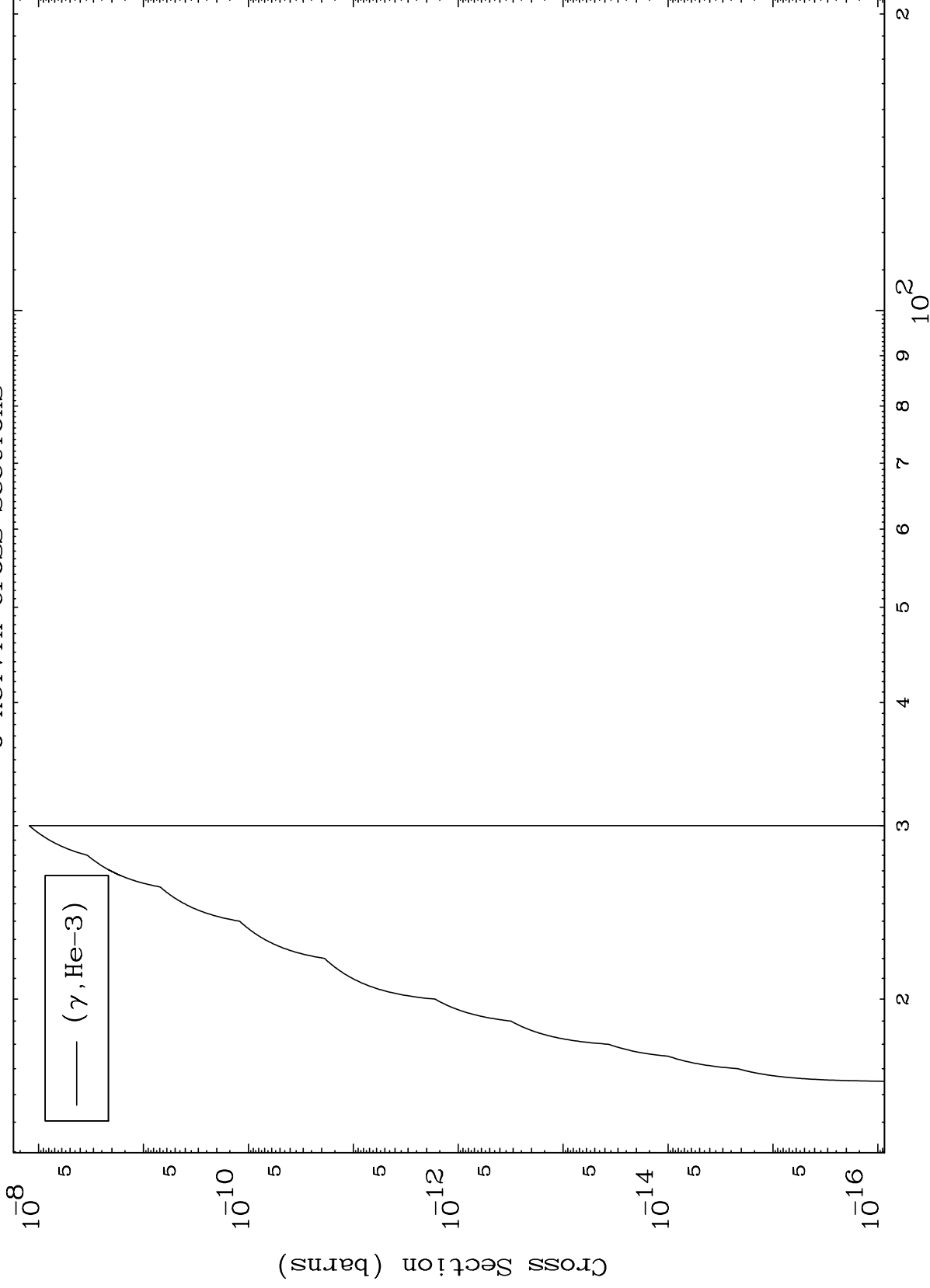


8

Incident Energy (MeV)

65-Tb-147

0 Kelvin Cross Sections

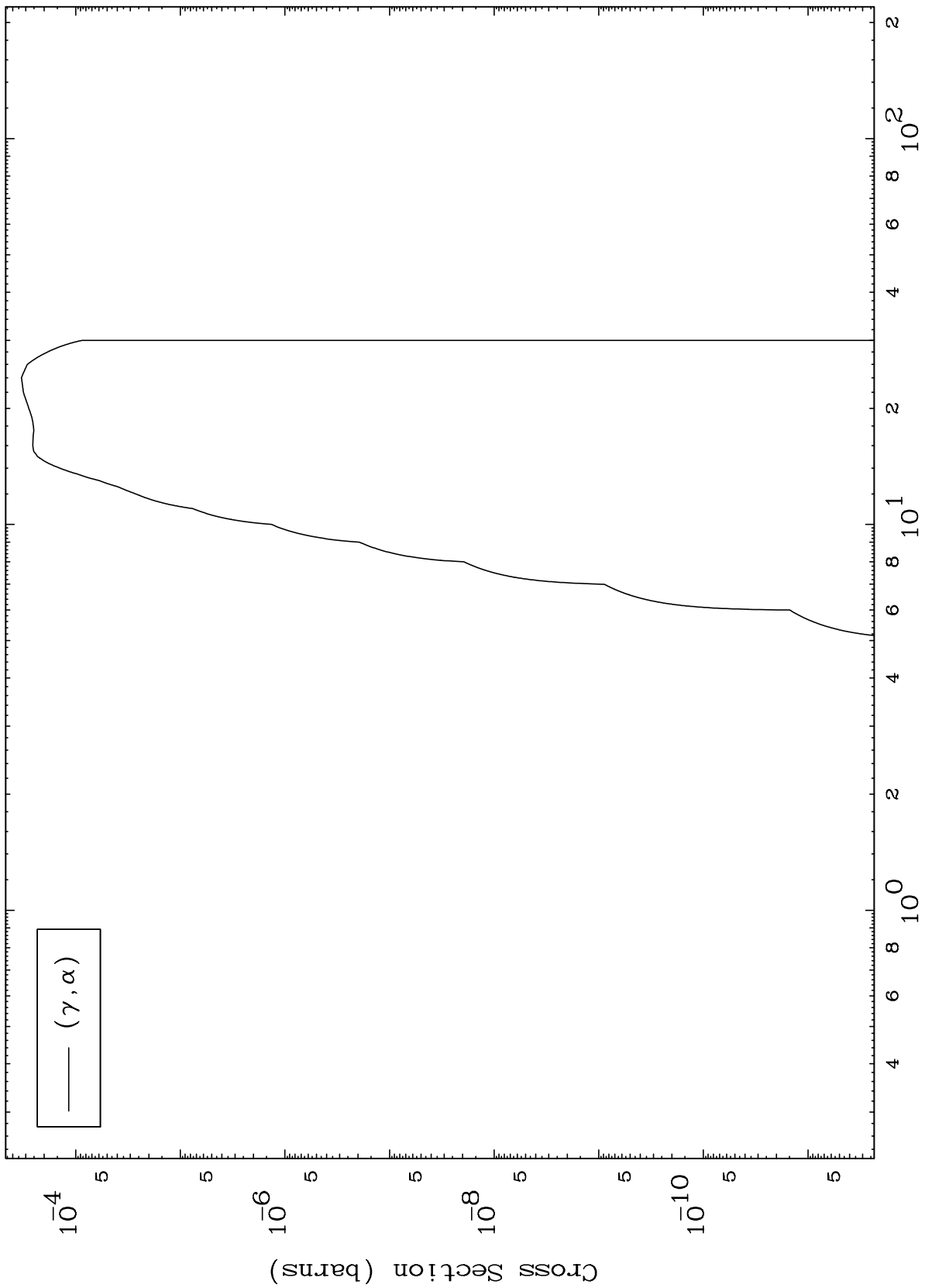


MAT 6490

( $\gamma, \alpha$ ) Levels

65-Tb-147

0 Kelvin Cross Sections



10

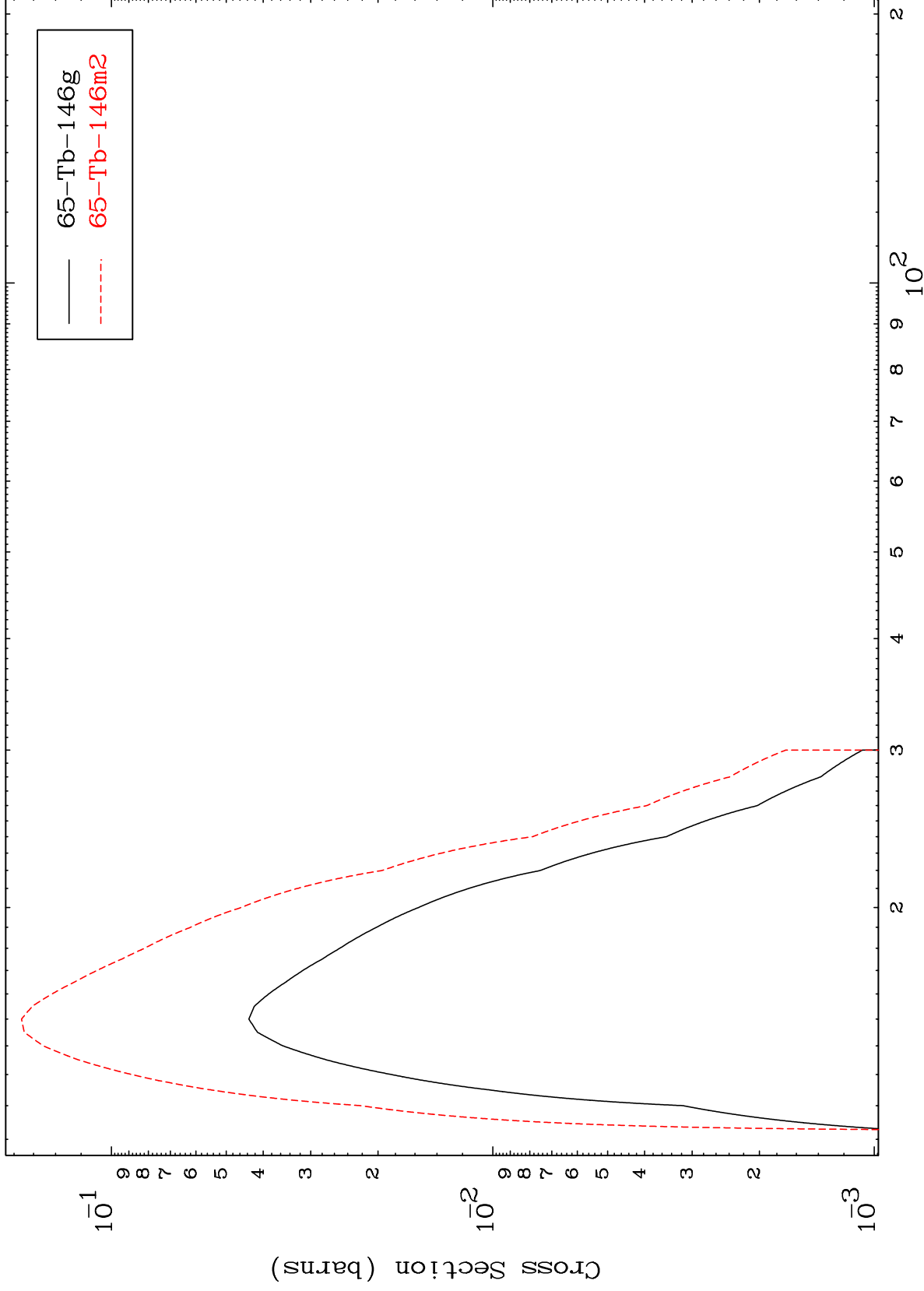
Incident Energy (MeV)

65-Tb-147

MAT 6490

Photon Inelastic  
Radionuclide Production Cross Section

65-Tb-147



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

11

Incident Energy (MeV)

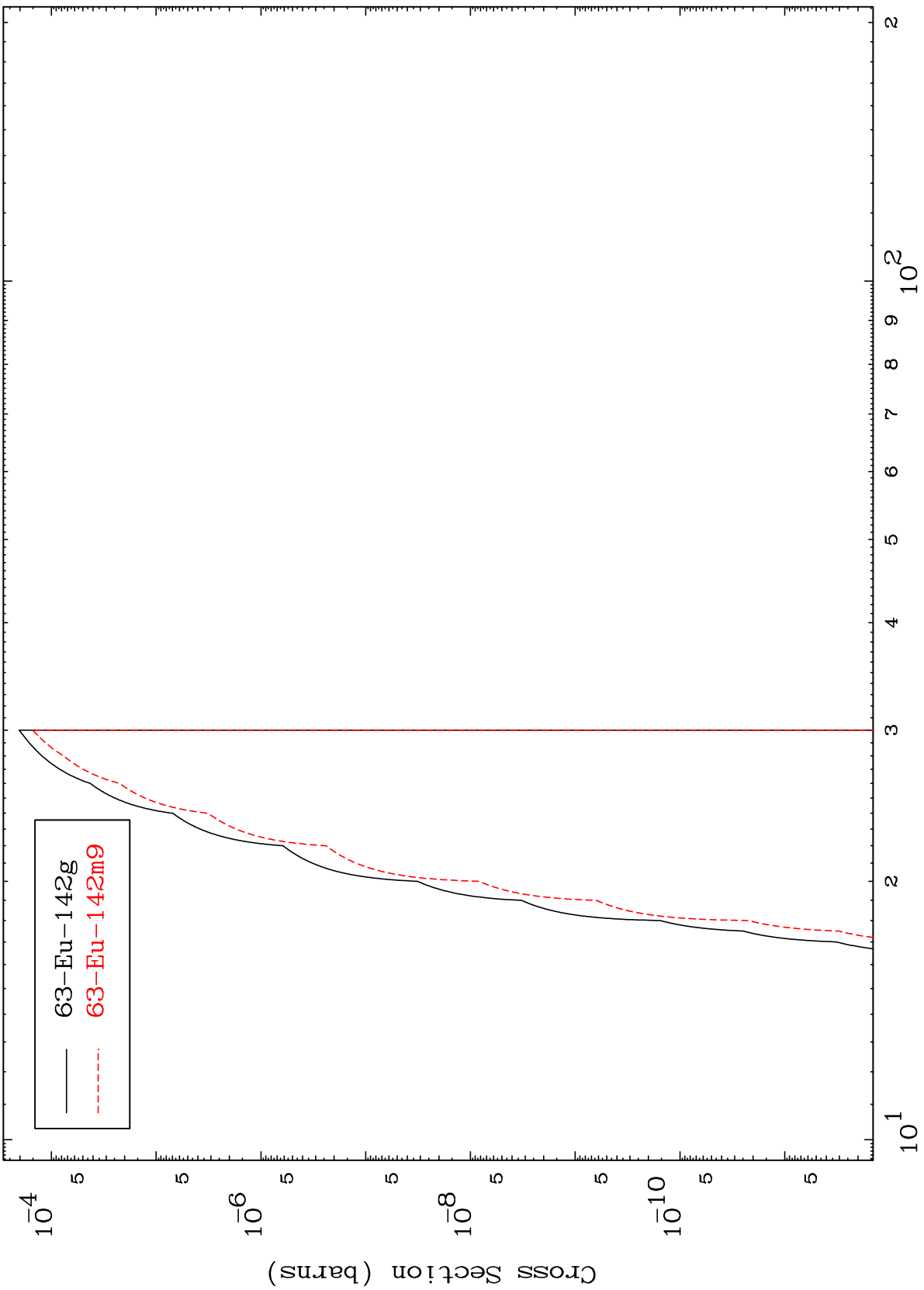
65-Tb-147

MAT 6490

$(\gamma, n')$   $\alpha$

65-Tb-147

Radionuclide Production Cross Section



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

Incident Energy (MeV)

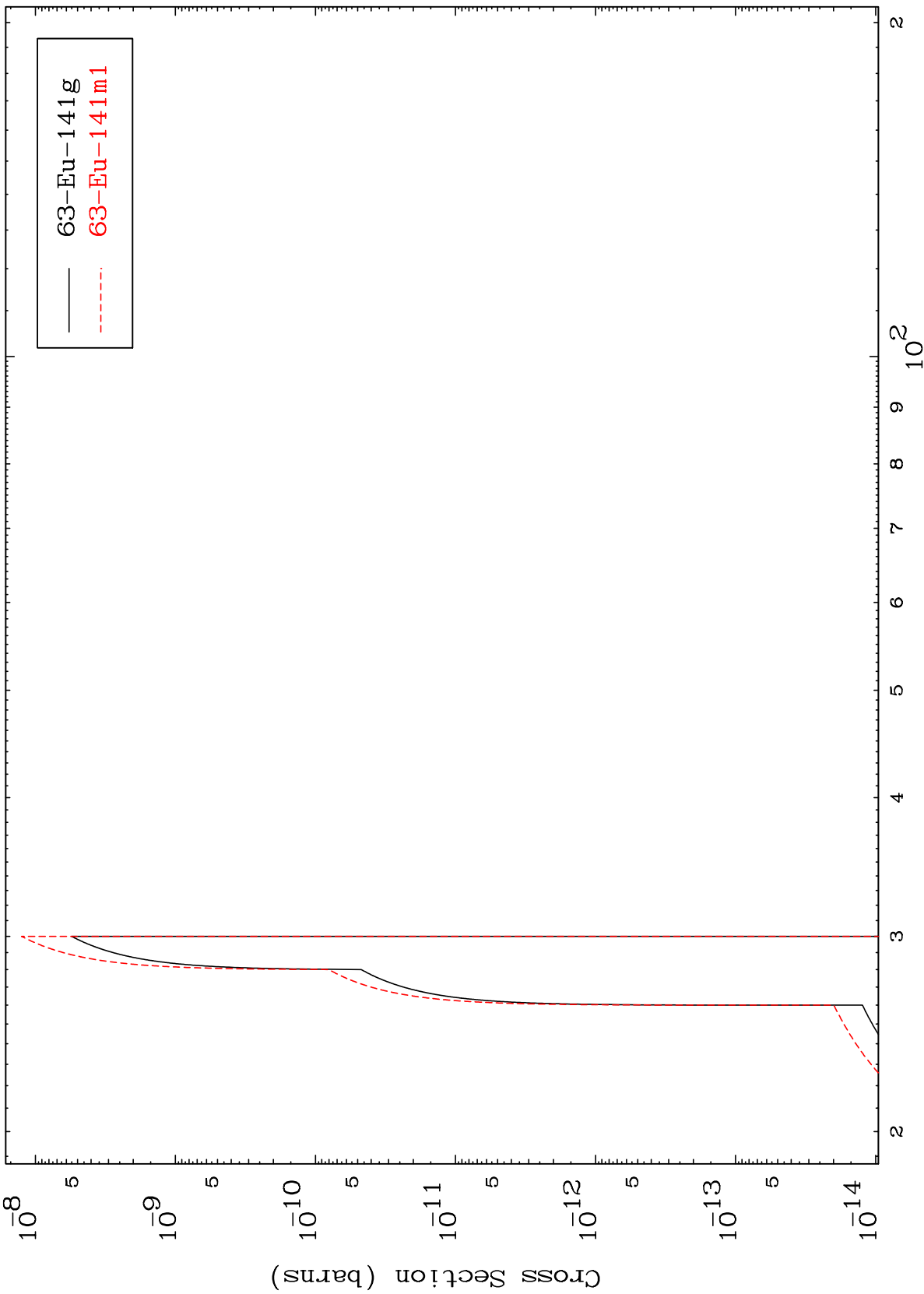
65-Tb-147

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$(\gamma, 2n) \alpha$

65-Tb-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

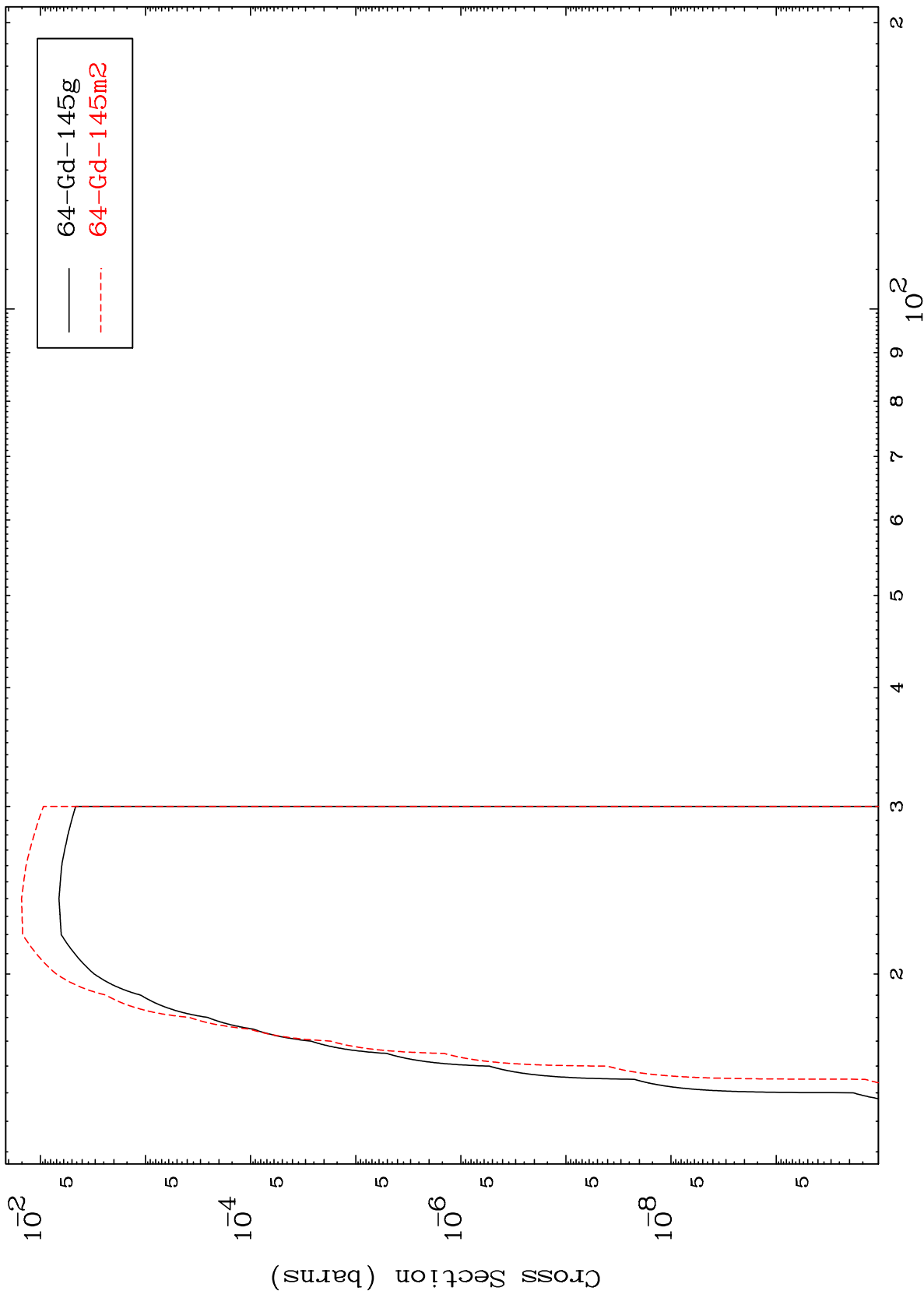
65-Tb-147

MAT 6490

$(\gamma, n')$  p

65-Tb-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

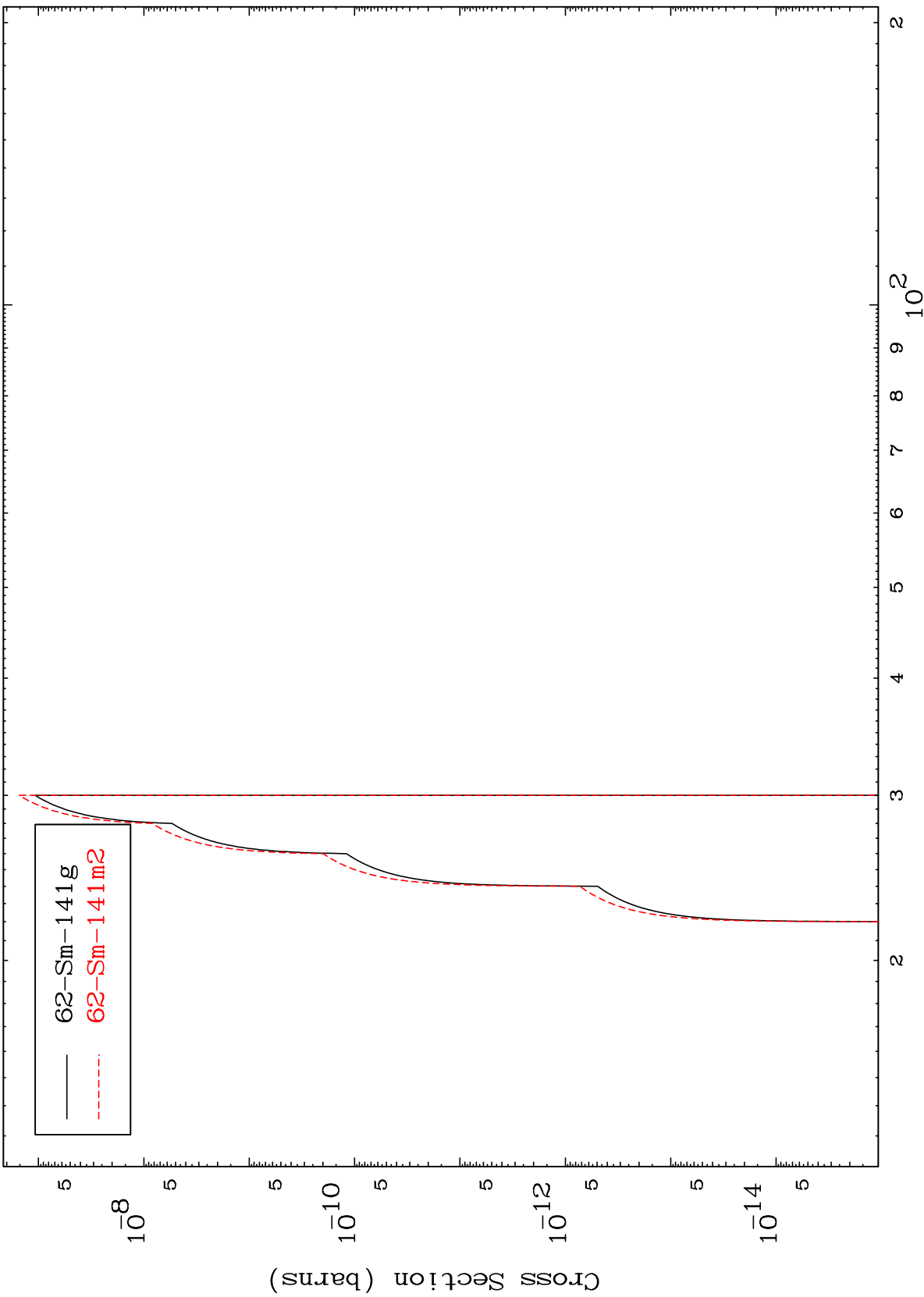
65-Tb-147

MAT 6490

( $\gamma, n'$ ) p  $\alpha$

65-Tb-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

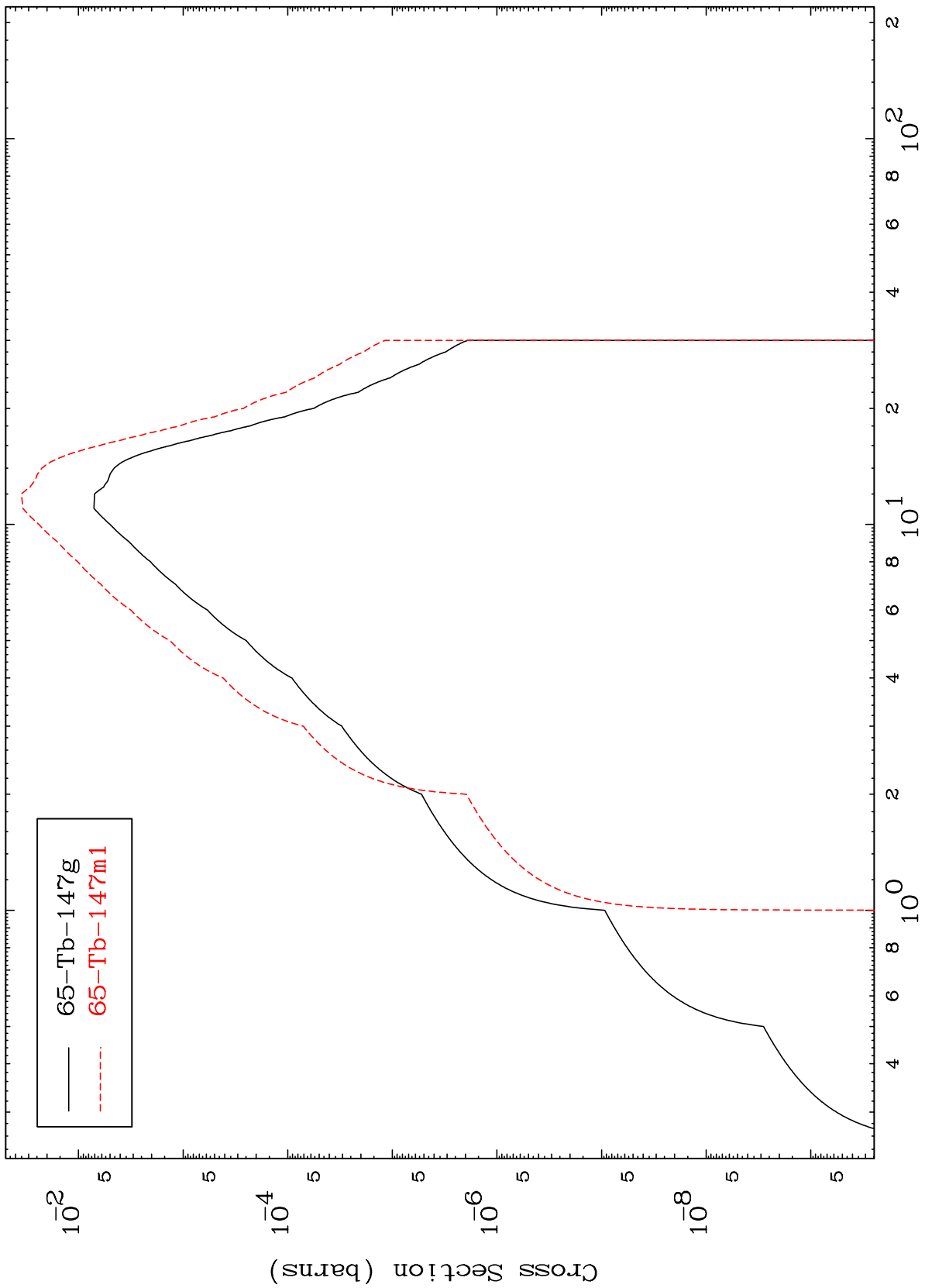
65-Tb-147



MAT 6490

65-Tb-147

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



65-Tb-147

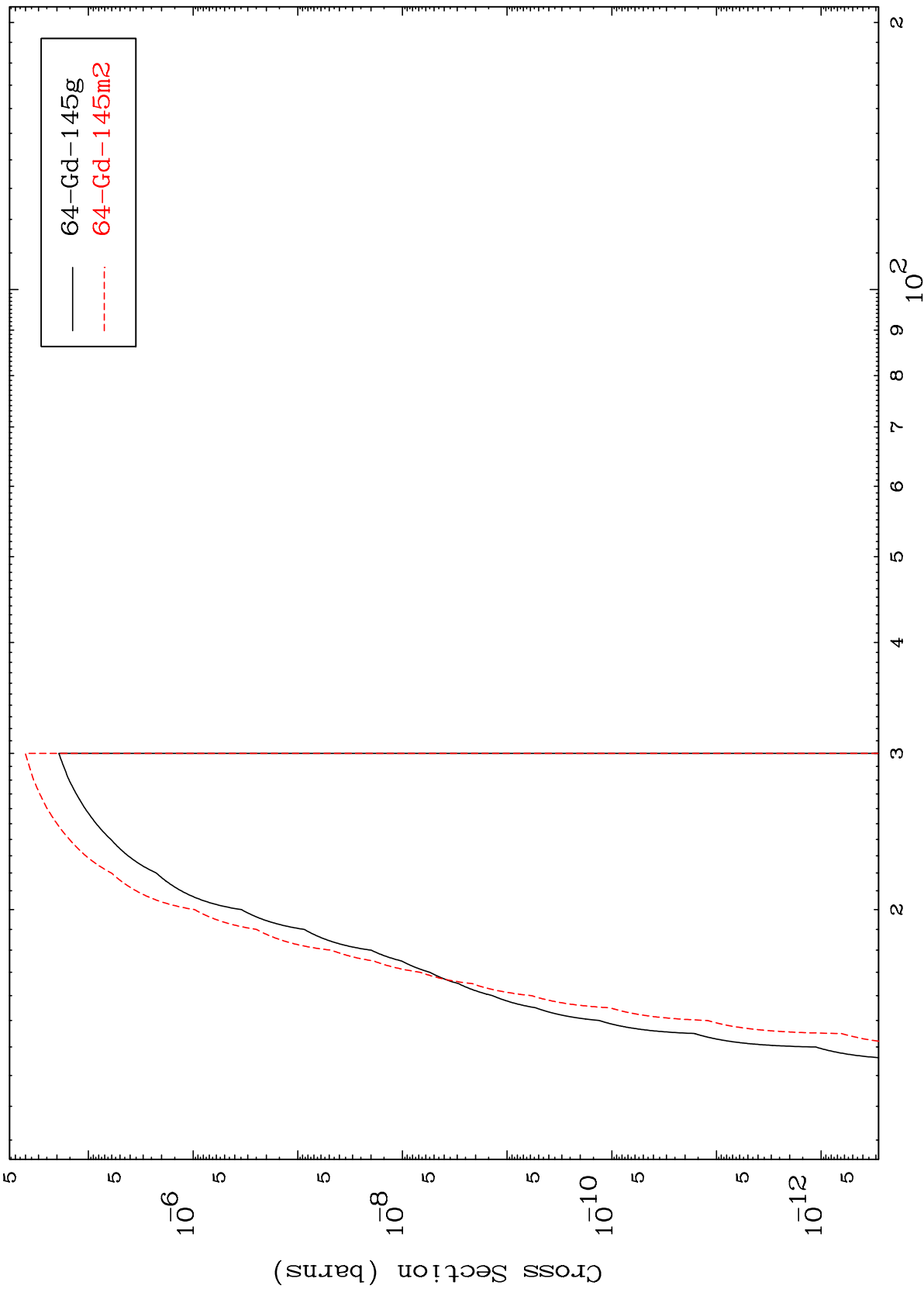
Incident Energy (MeV)

16

MAT 6490

65-Tb-147

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



17

Incident Energy (MeV)

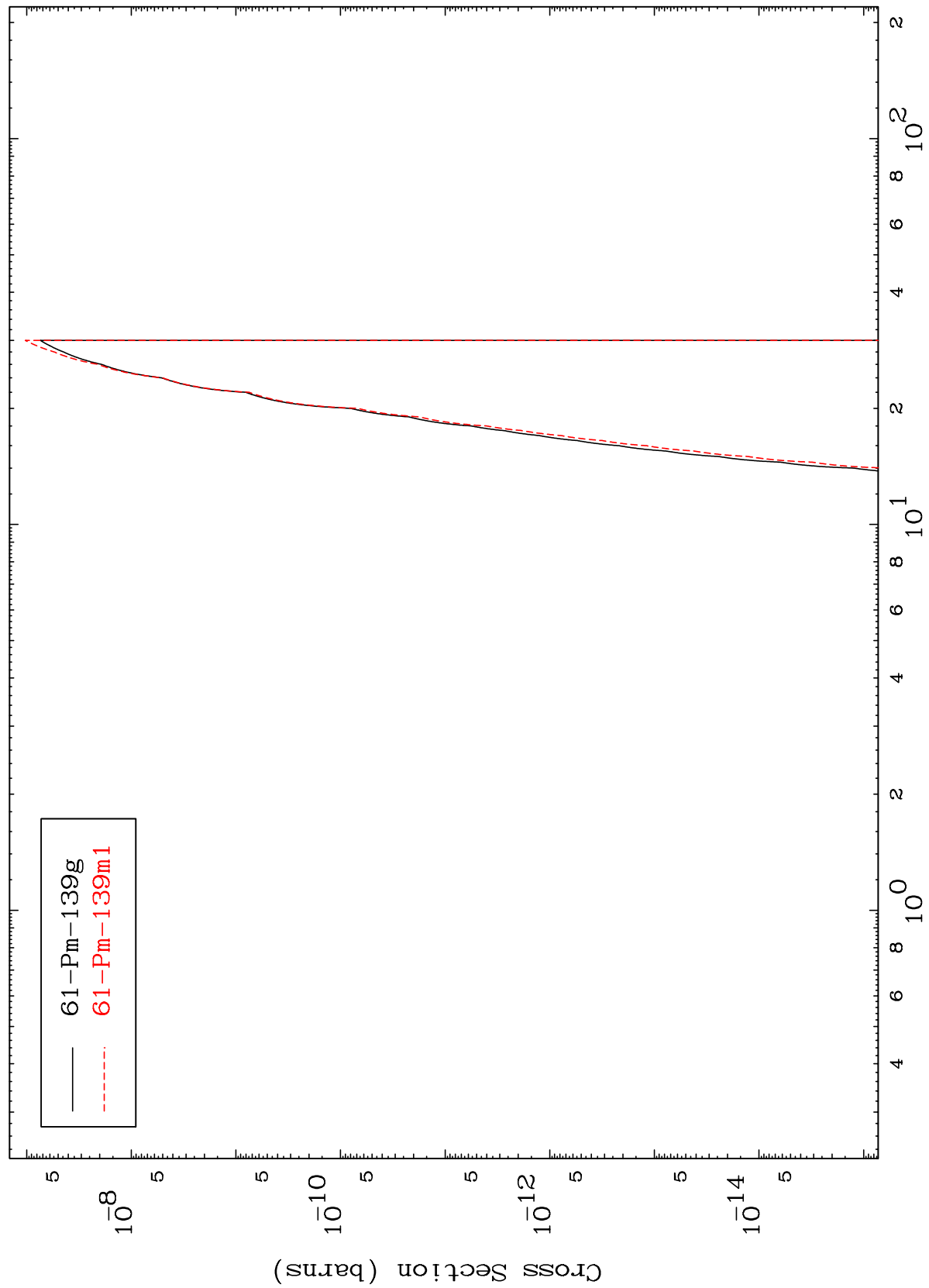
65-Tb-147

MAT 6490

( $\gamma, 2\alpha$ )

65-Tb-147

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1