

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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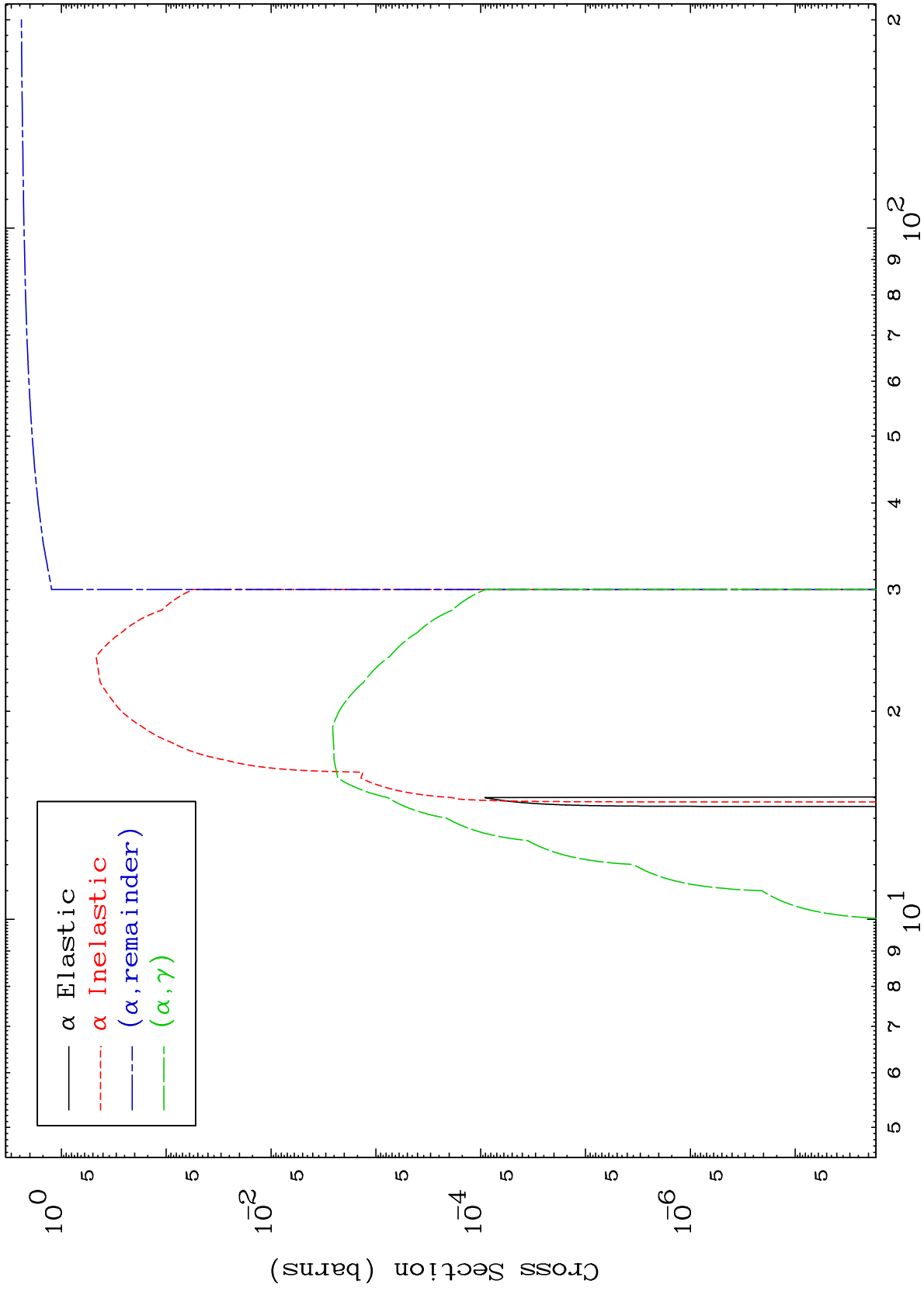
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6490

0 Kelvin α Major
Cross Sections

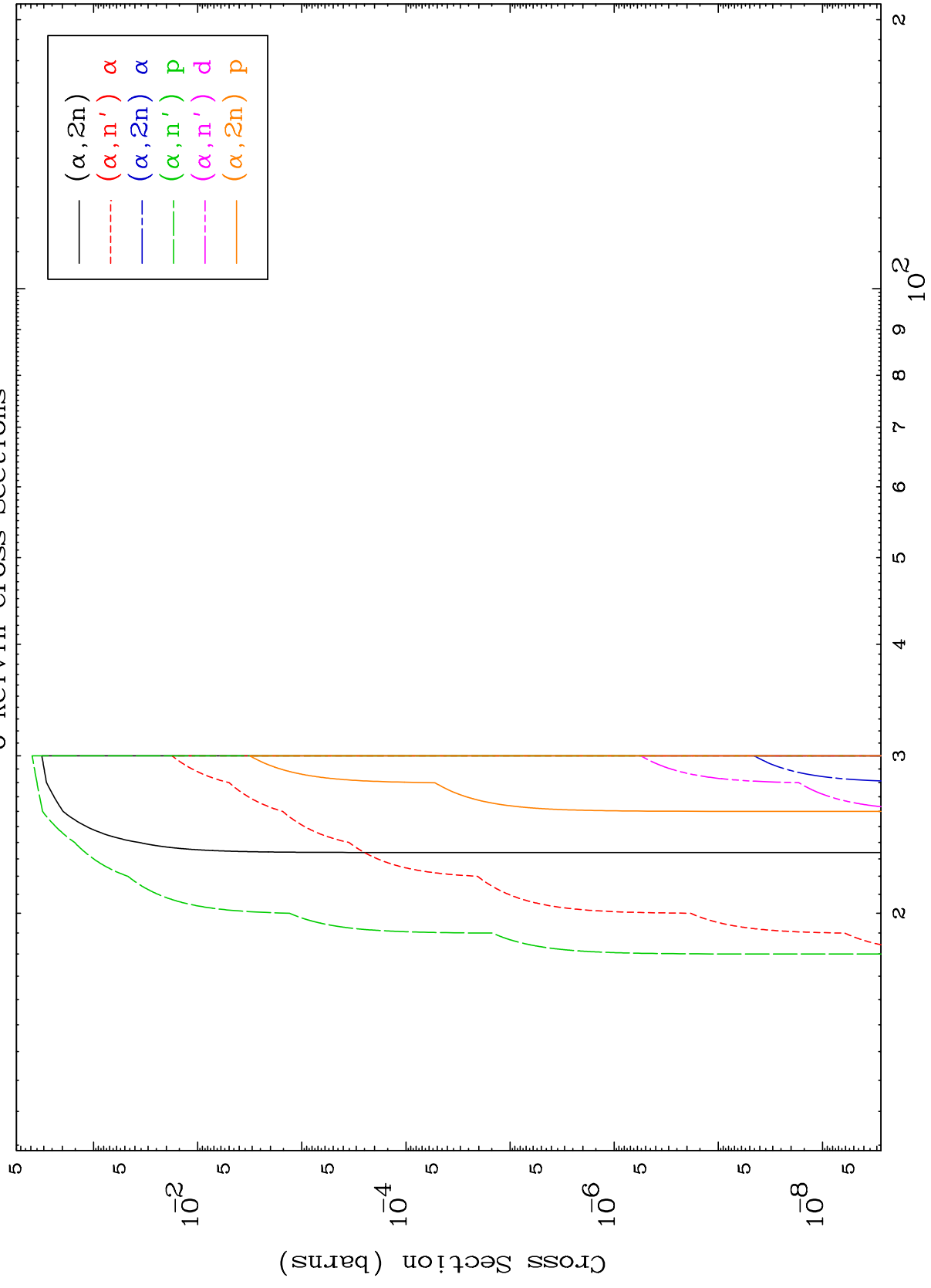
65-Tb-147



1

Incident Energy (MeV)

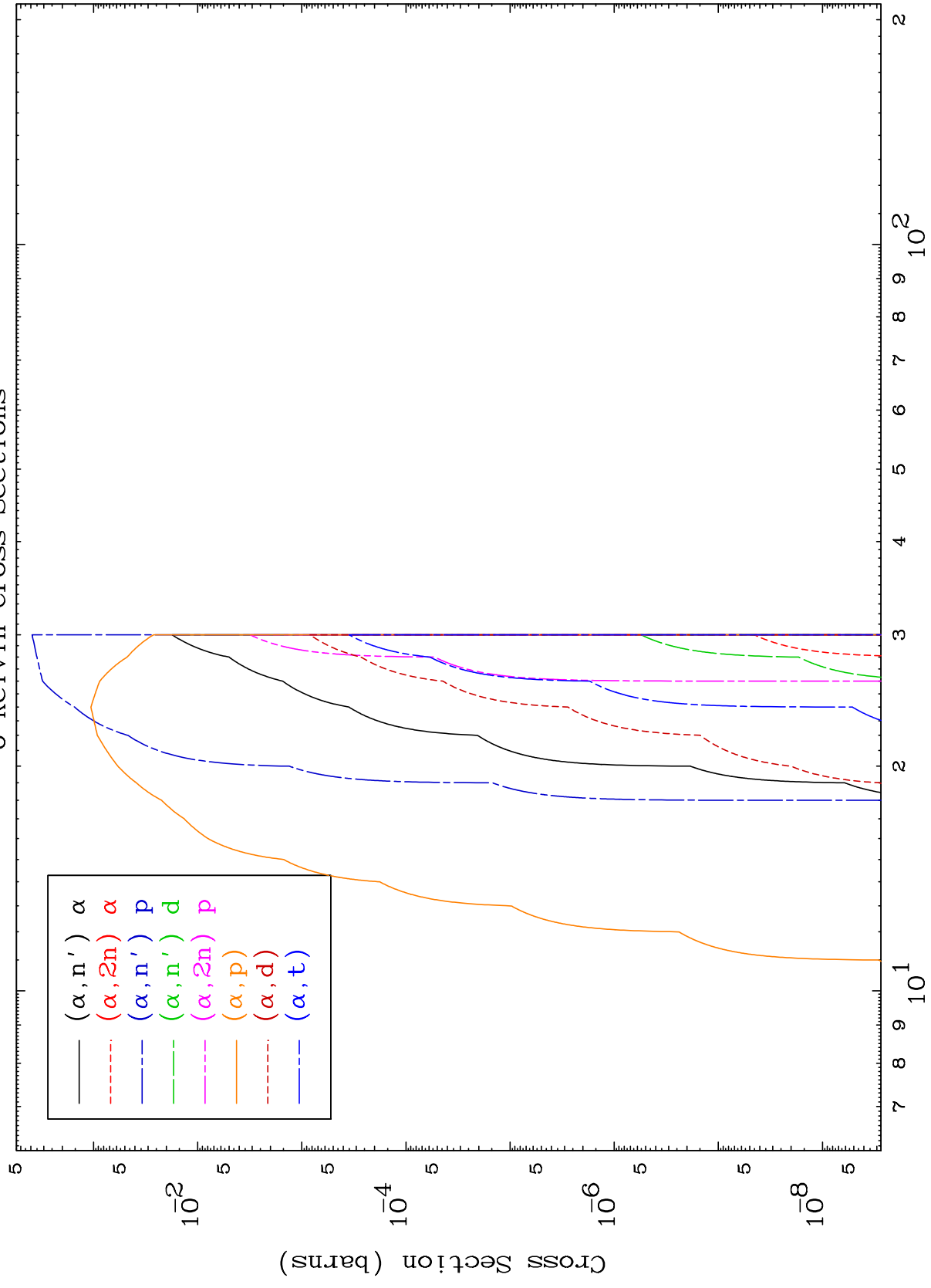
65-Tb-147



MAT 6490

α Charged Particle
0 Kelvin Cross Sections

65-Tb-147



3

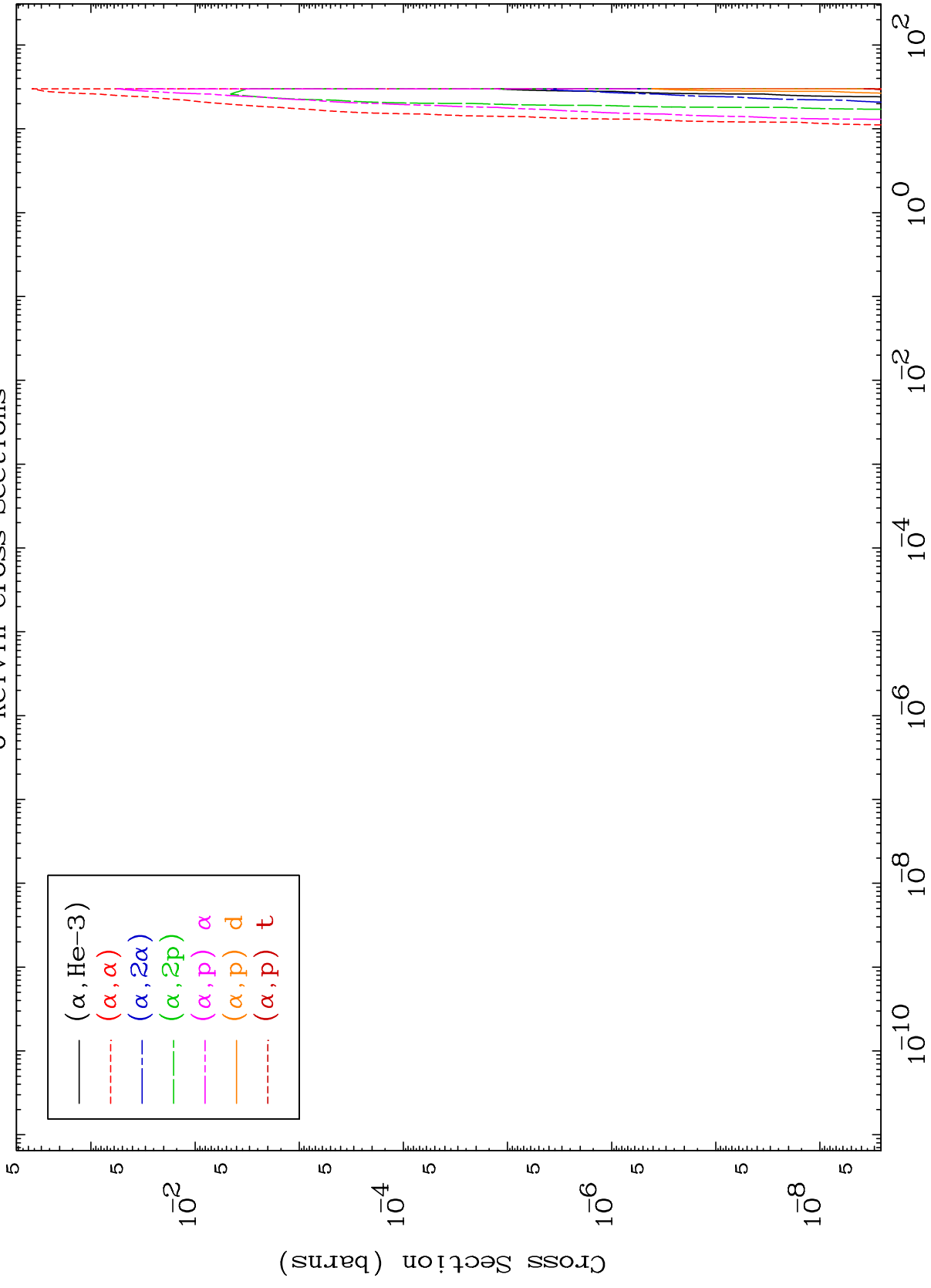
Incident Energy (MeV)

65-Tb-147

MAT 6490

α Charged Particle
0 Kelvin Cross Sections

65-Tb-147

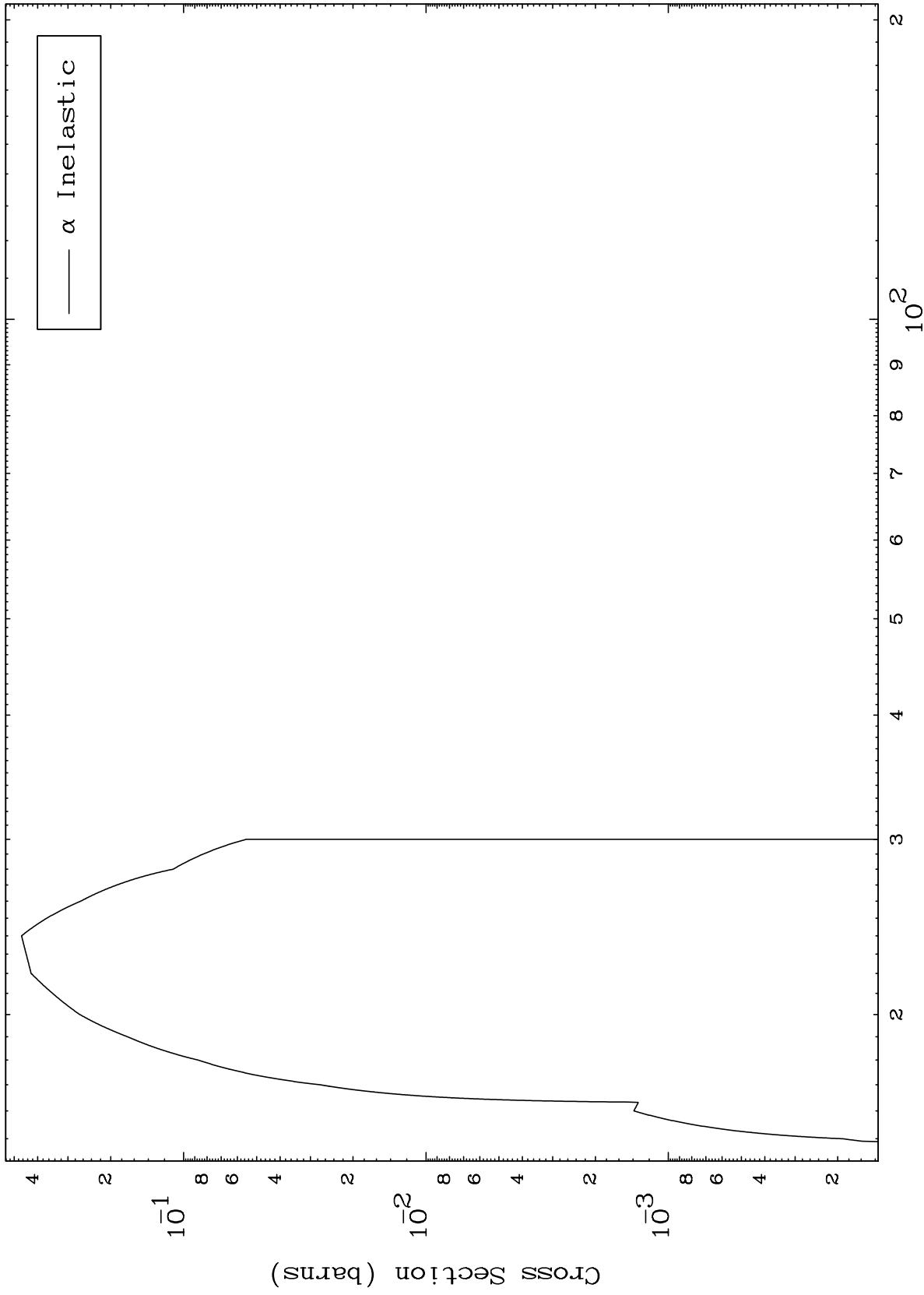


65-Tb-147

MAT 6490

(α, n') Level
0 Kelvin Cross Sections

65-Tb-147



5

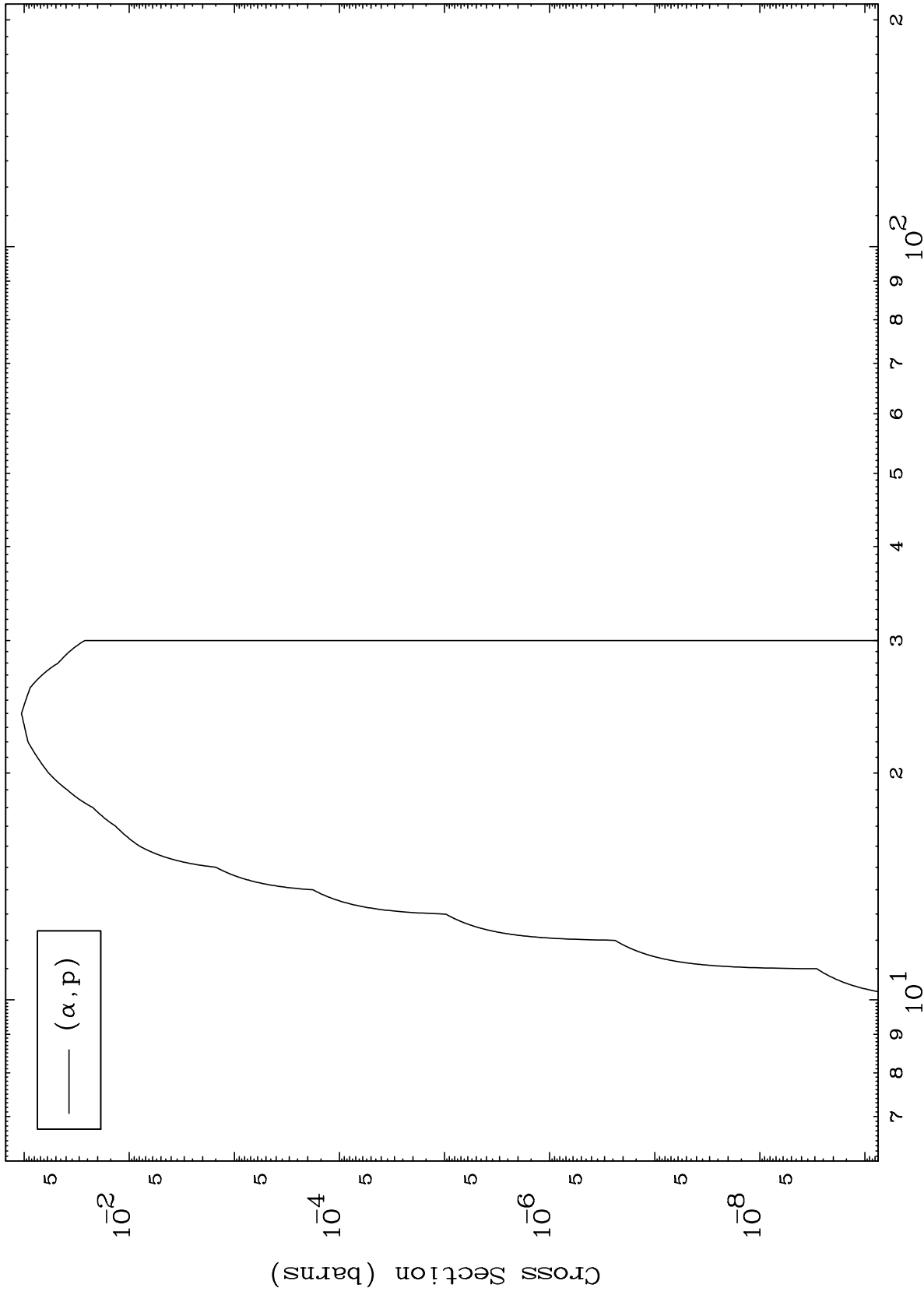
Incident Energy (MeV)

65-Tb-147

MAT 6490

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-147



6

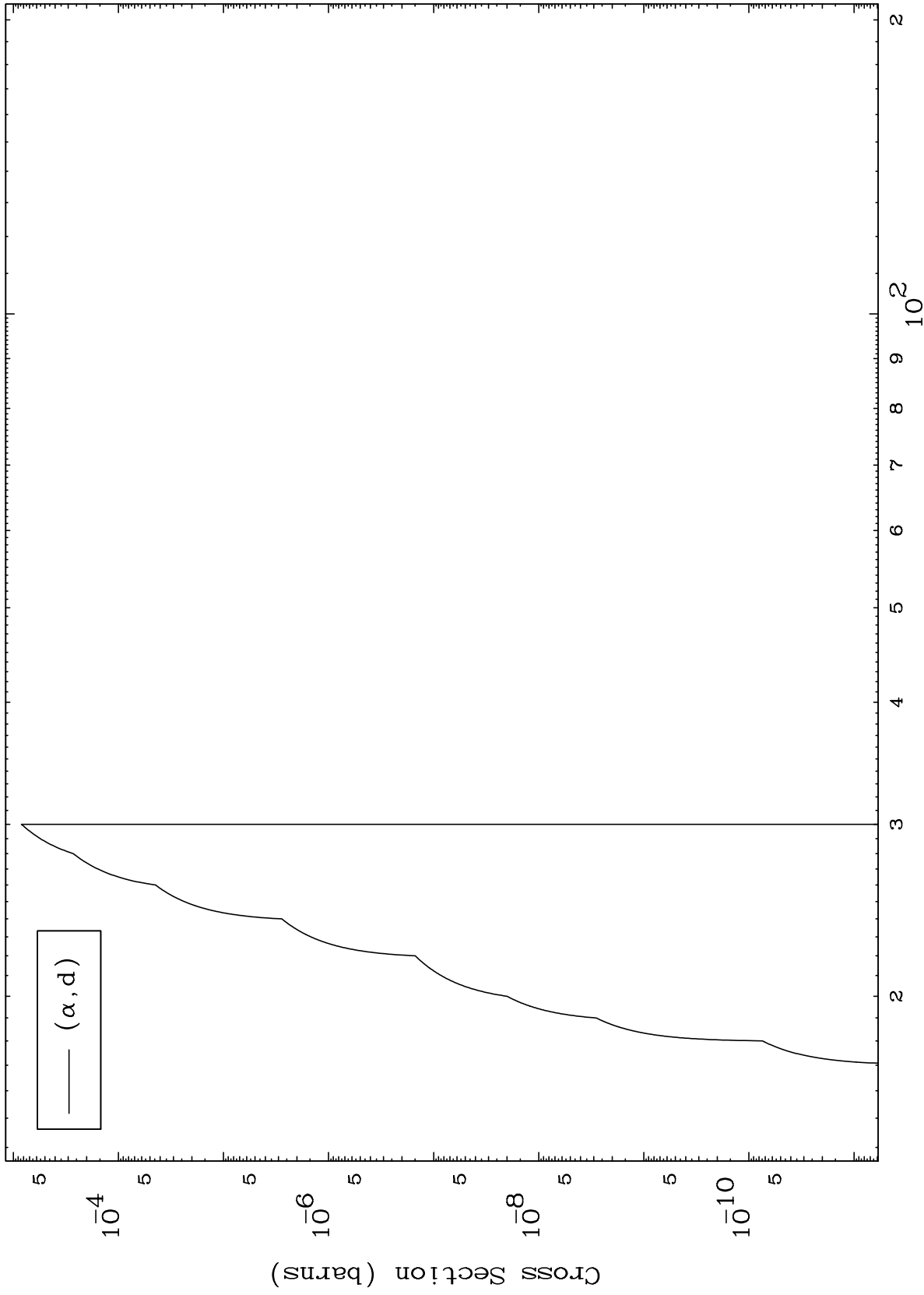
Incident Energy (MeV)

65-Tb-147

MAT 6490

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-147



7

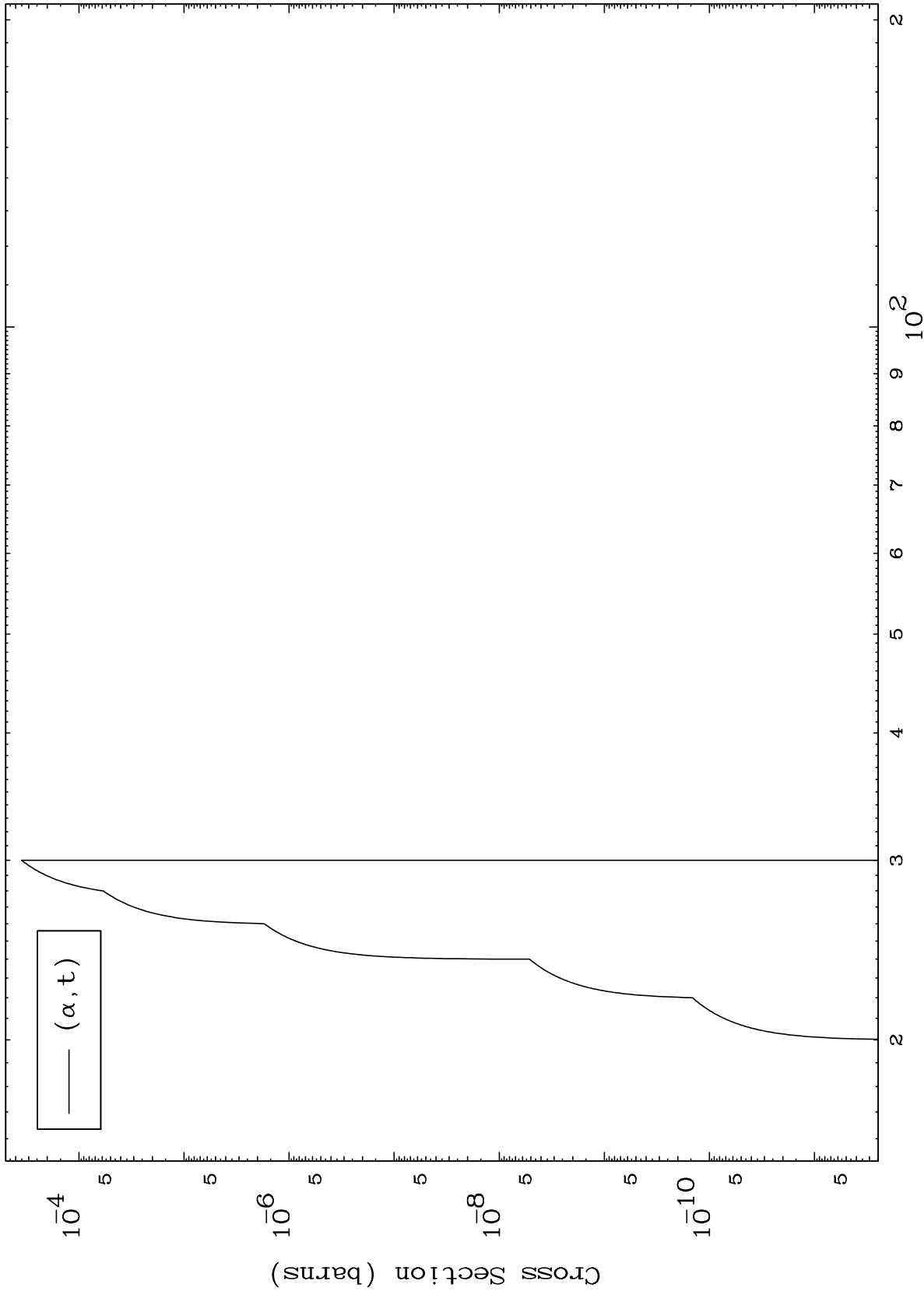
Incident Energy (MeV)

65-Tb-147

MAT 6490

(α, t) Levels
0 Kelvin Cross Sections

65-Tb-147



8

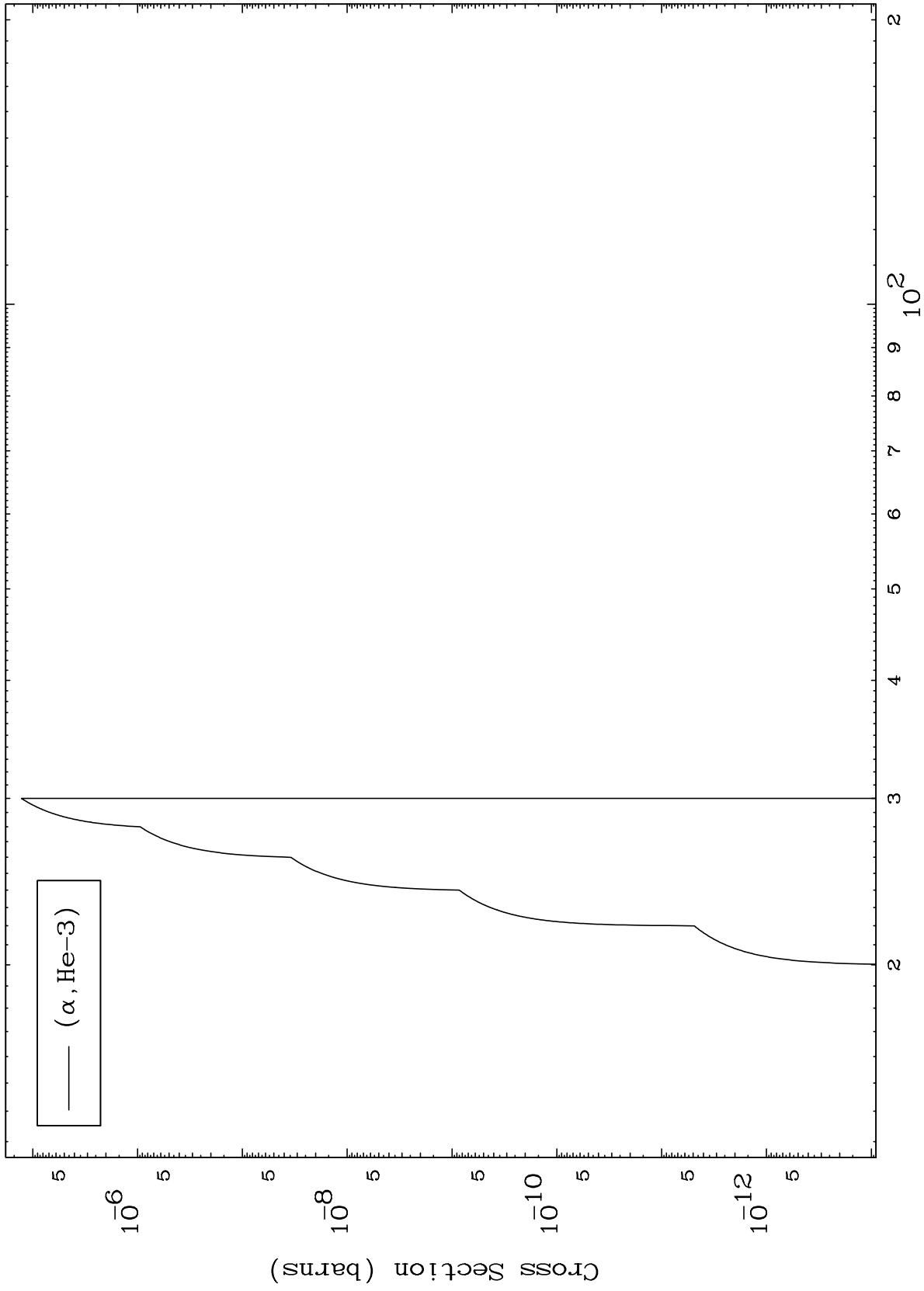
Incident Energy (MeV)

65-Tb-147

MAT 6490

(α , He3) Levels
0 Kelvin Cross Sections

65-Tb-147



9

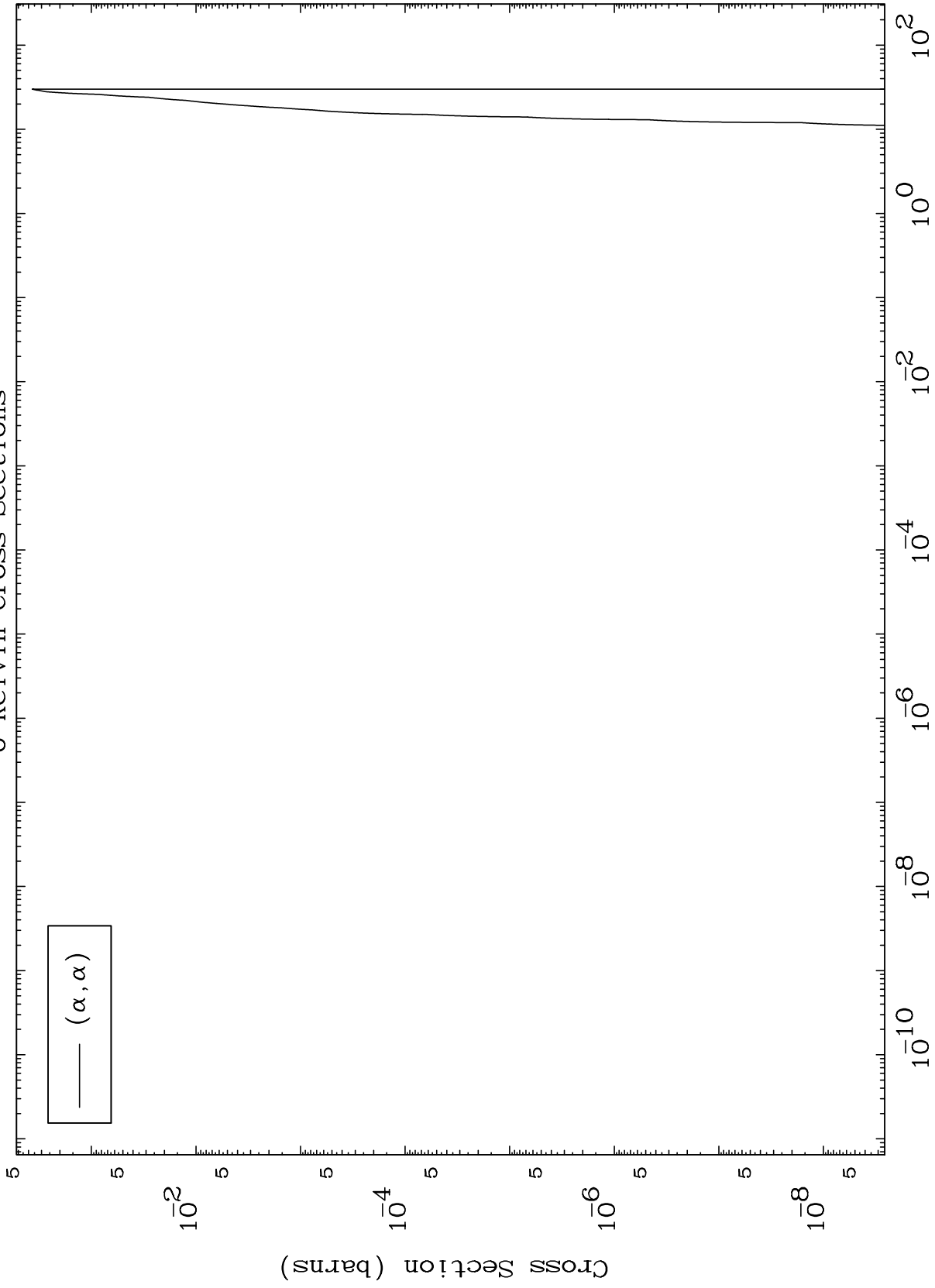
Incident Energy (MeV)

65-Tb-147

MAT 6490

(α, α) Levels
0 Kelvin Cross Sections

65-Tb-147



10

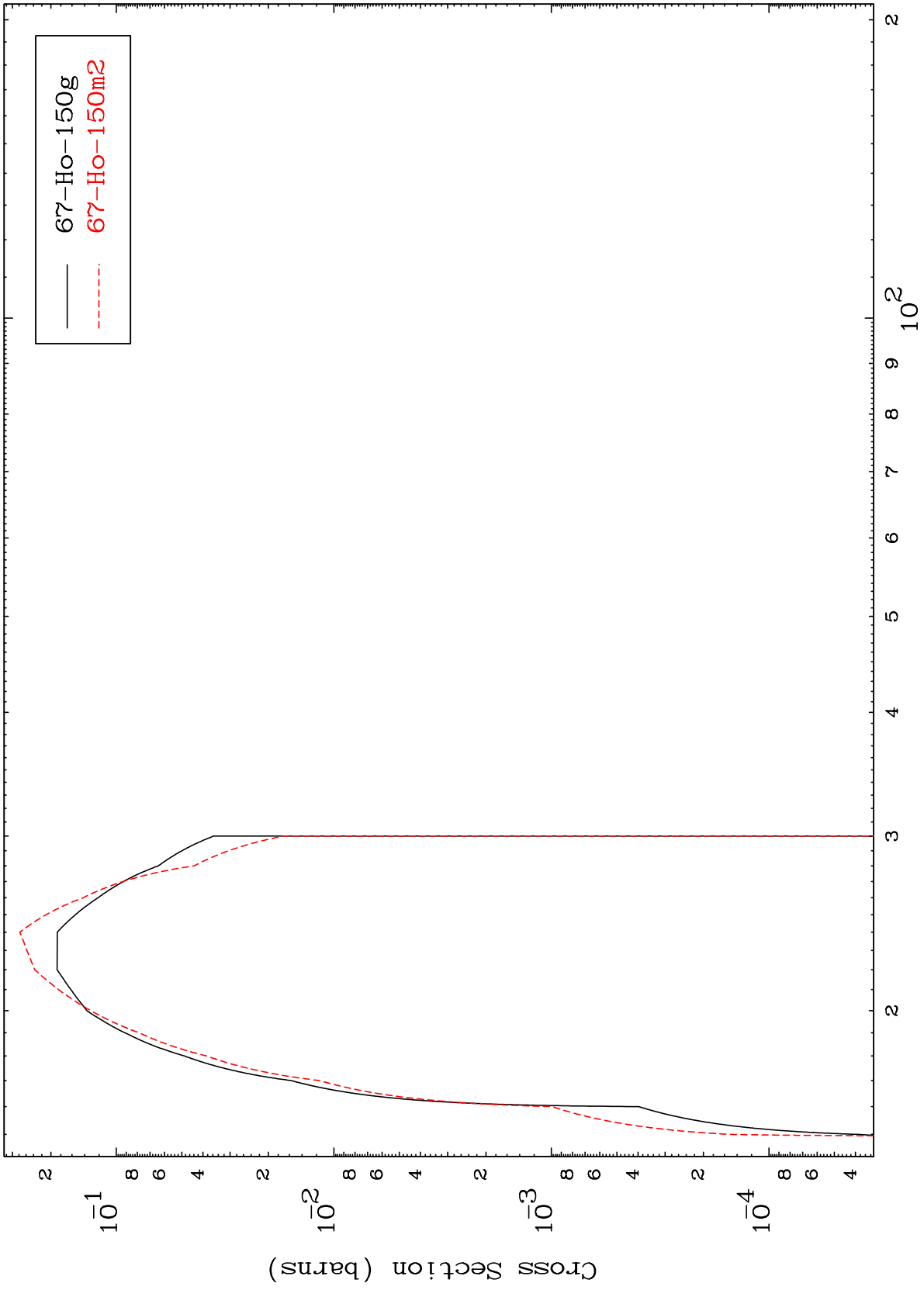
Incident Energy (MeV)

65-Tb-147

MAT 6490

α Inelastic
Radionuclide Production Cross Section

65-Tb-147



11

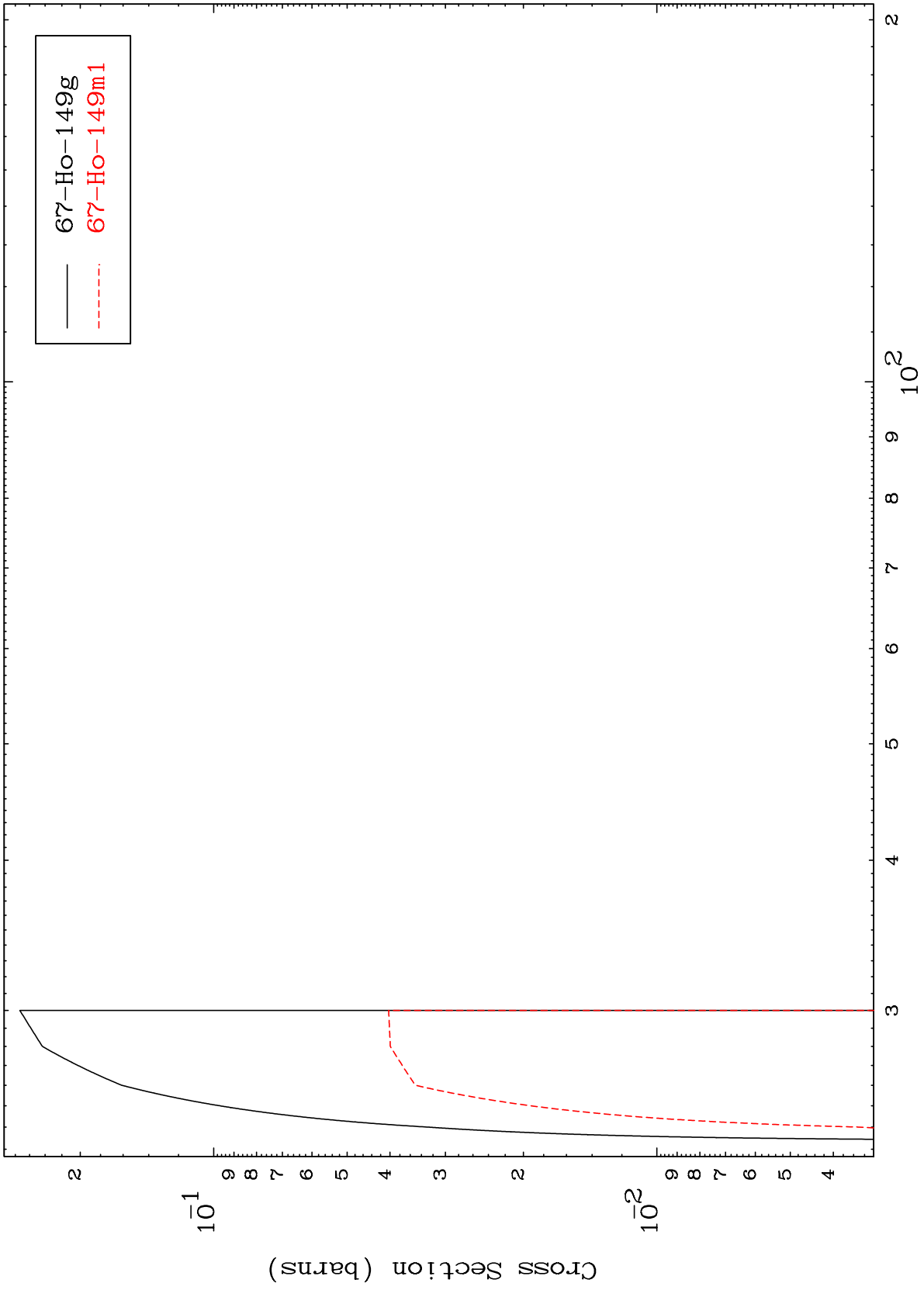
Incident Energy (MeV)

65-Tb-147

MAT 6490

65-Tb-147

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



12

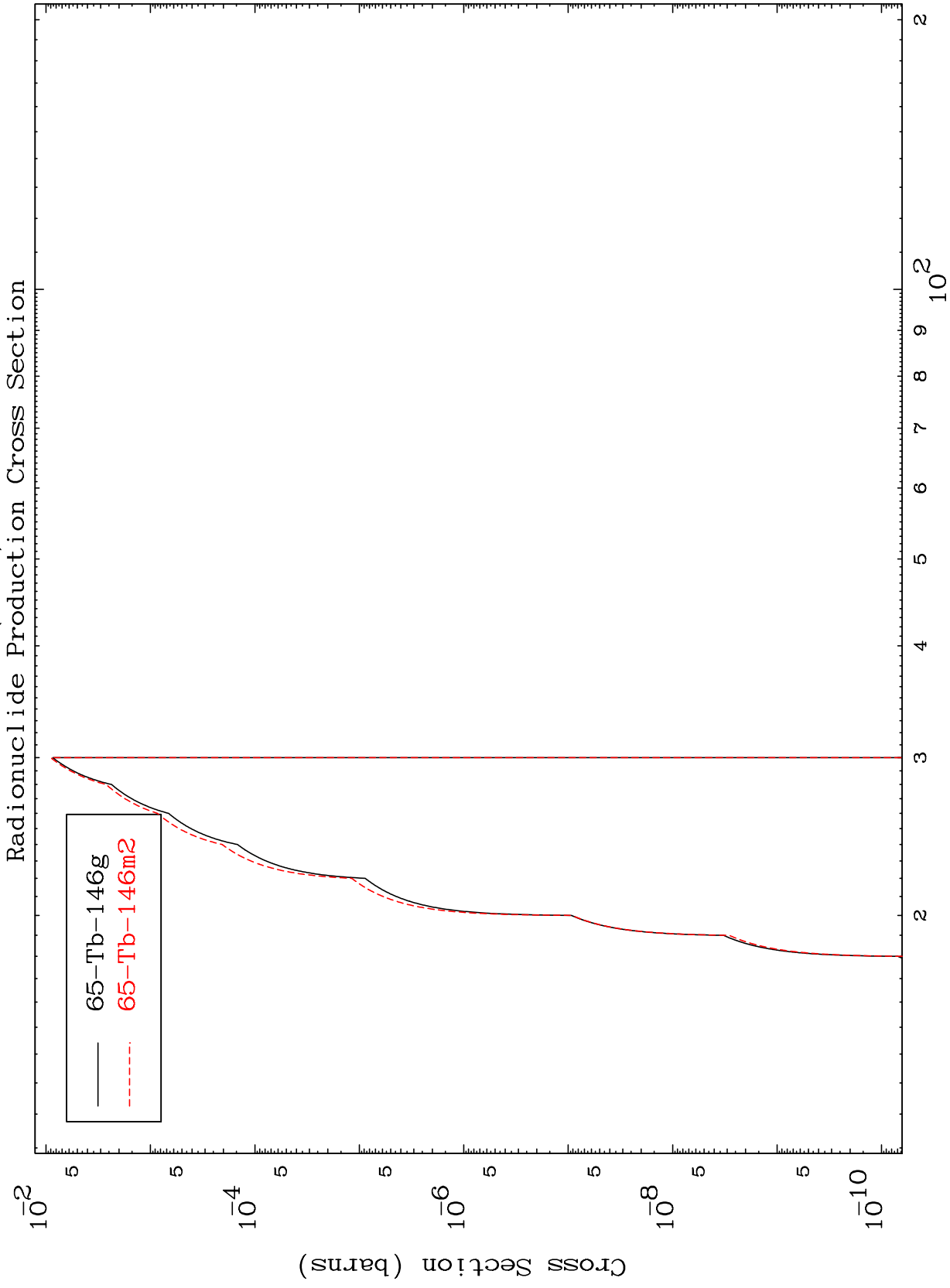
Incident Energy (MeV)

65-Tb-147

MAT 6490

(α, n') α

65-Tb-147



13

Incident Energy (MeV)

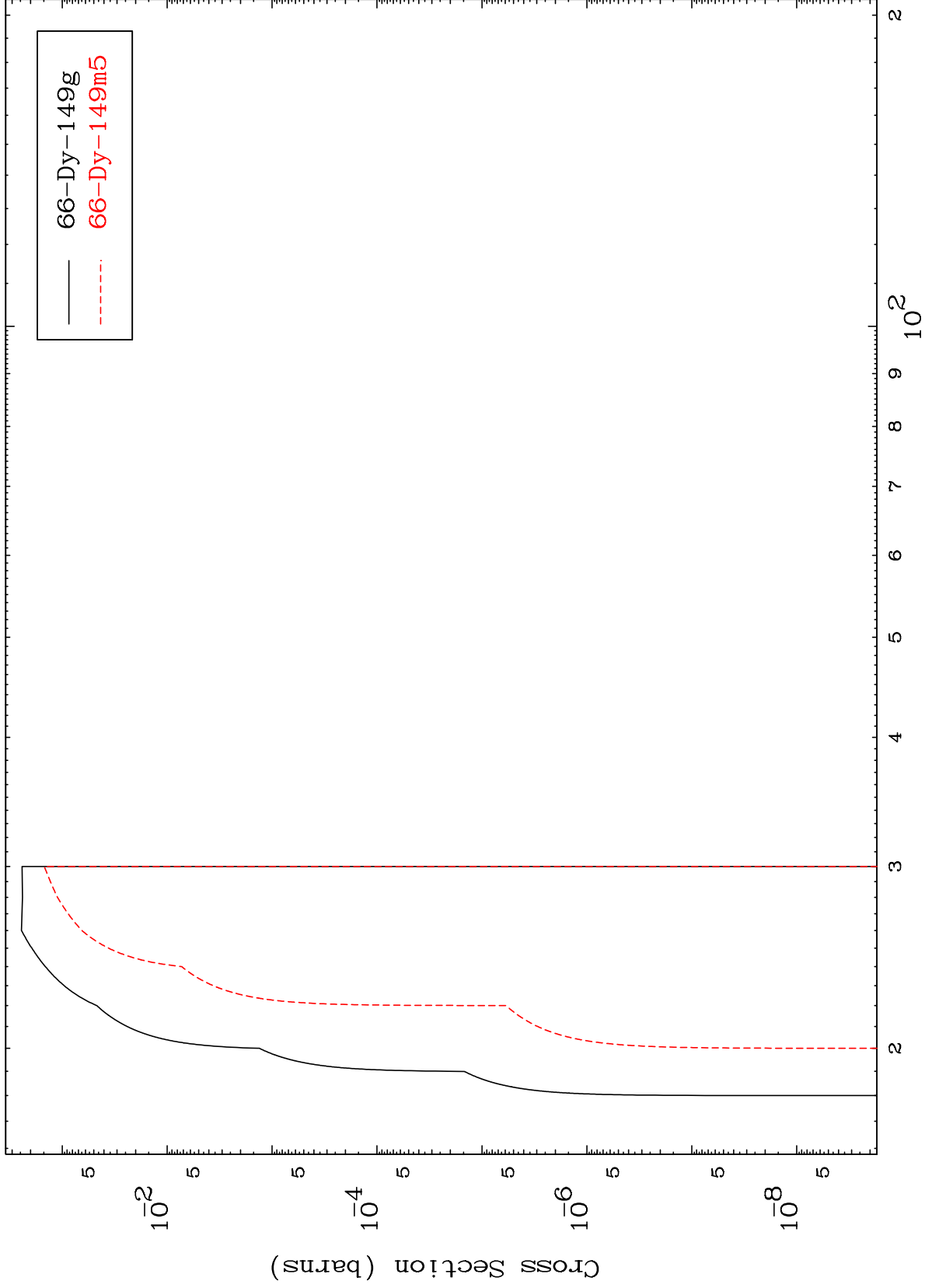
65-Tb-147

MAT 6490

(α, n') p

65-Tb-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

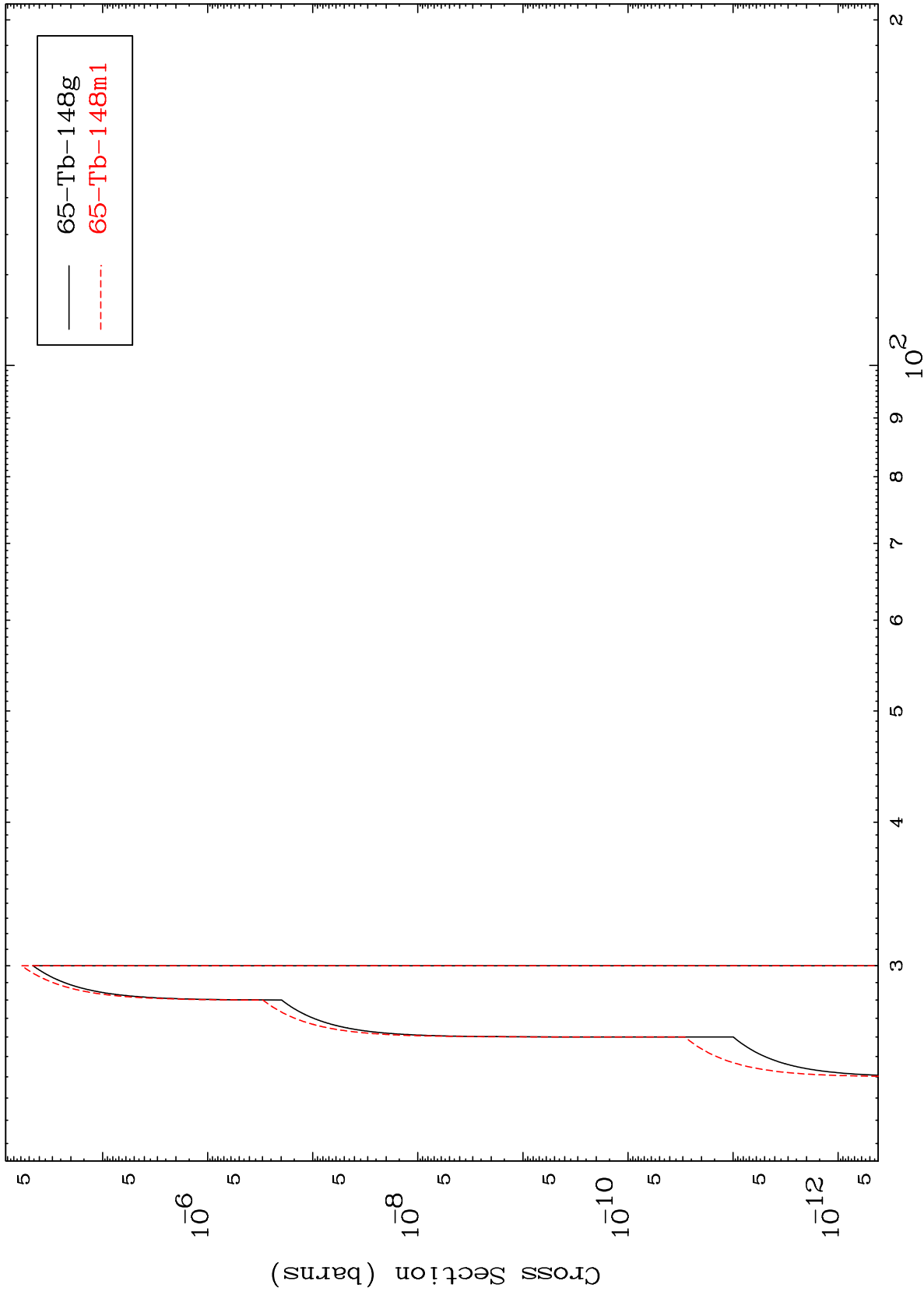
65-Tb-147

MAT 6490

$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

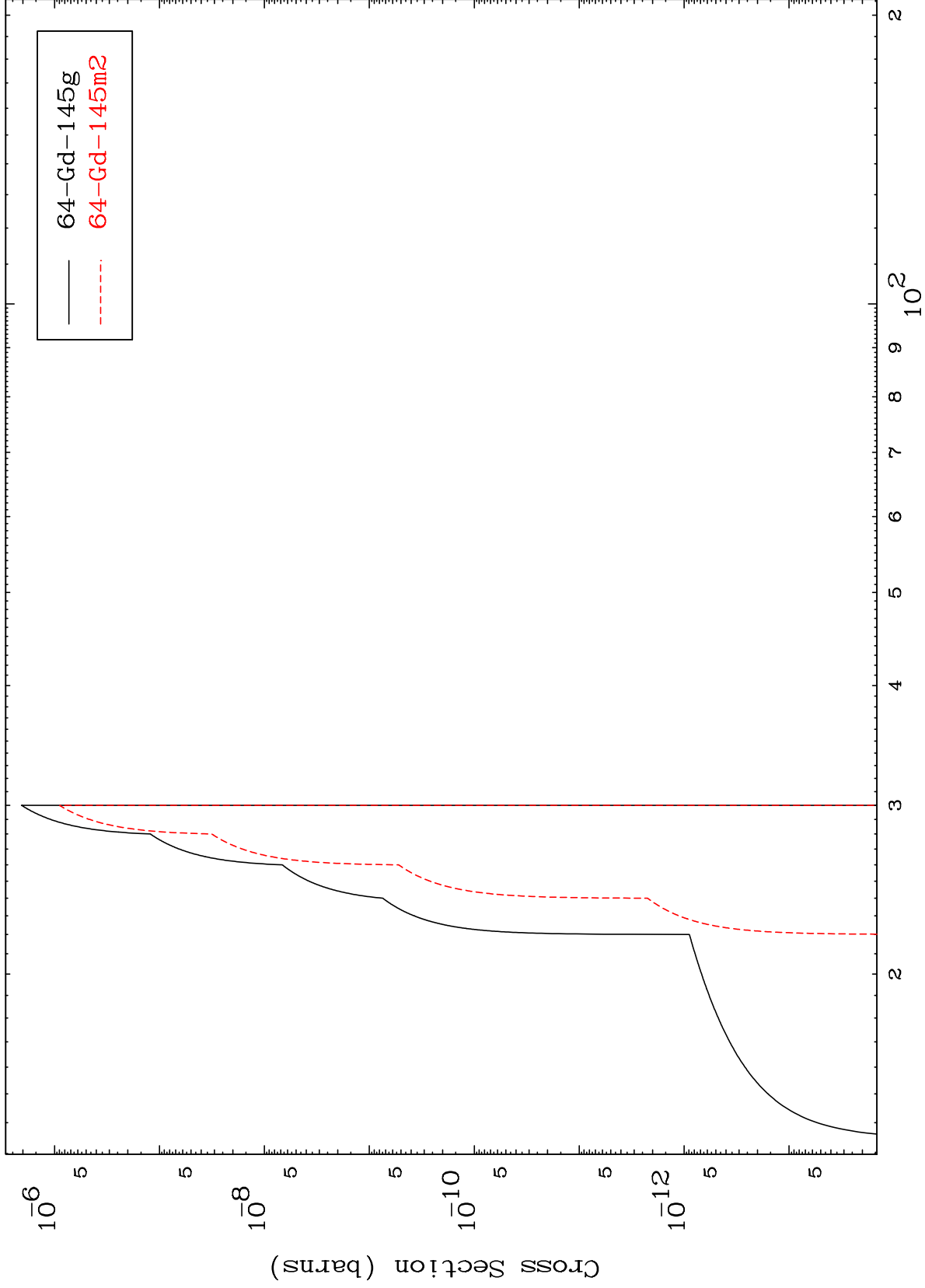
$^{65}\text{Tb-147}$

MAT 6490

(α, n') p α

65-Tb-147

Radionuclide Production Cross Section



16

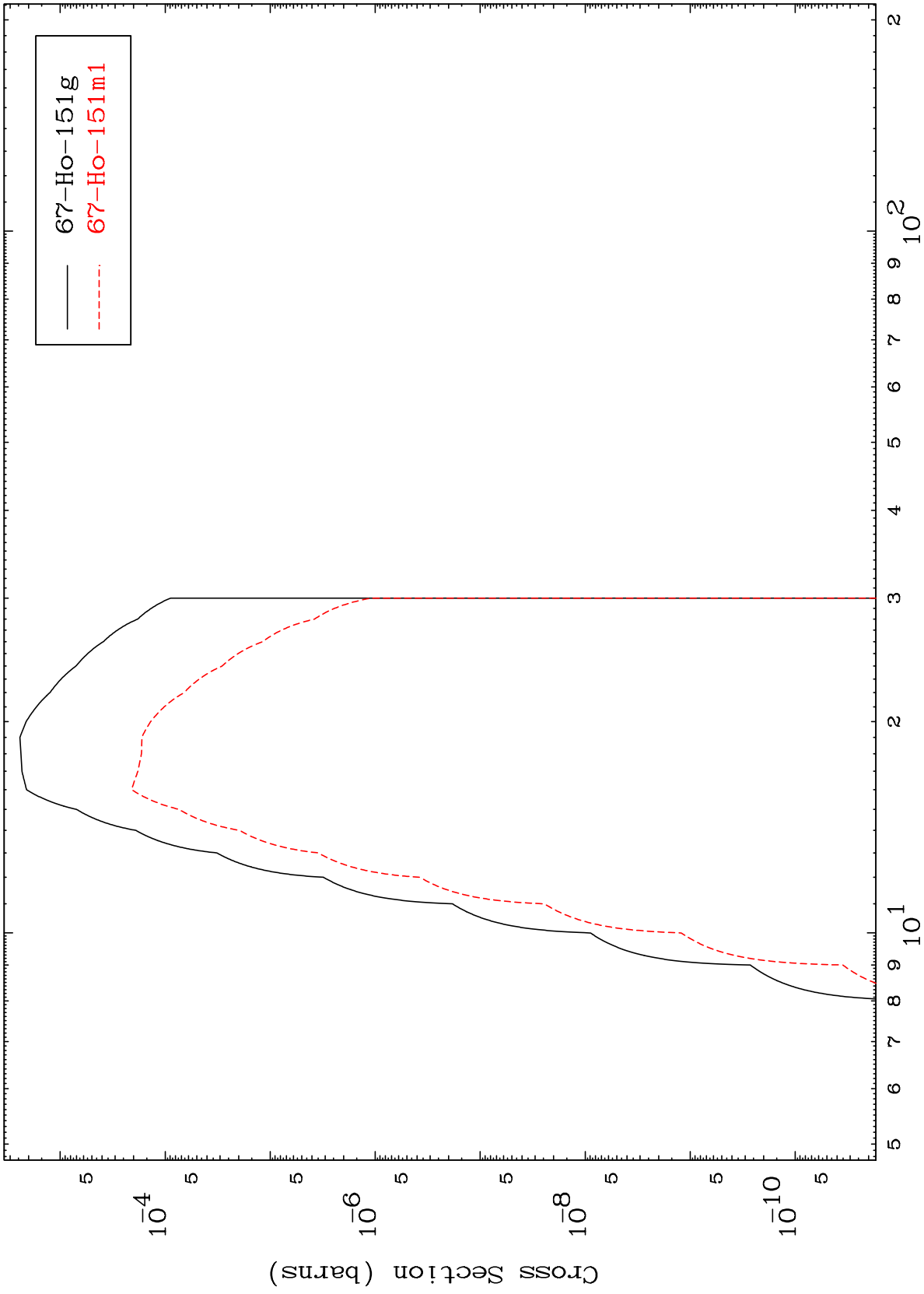
Incident Energy (MeV)

65-Tb-147

MAT 6490

65-Tb-147

(α, γ)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

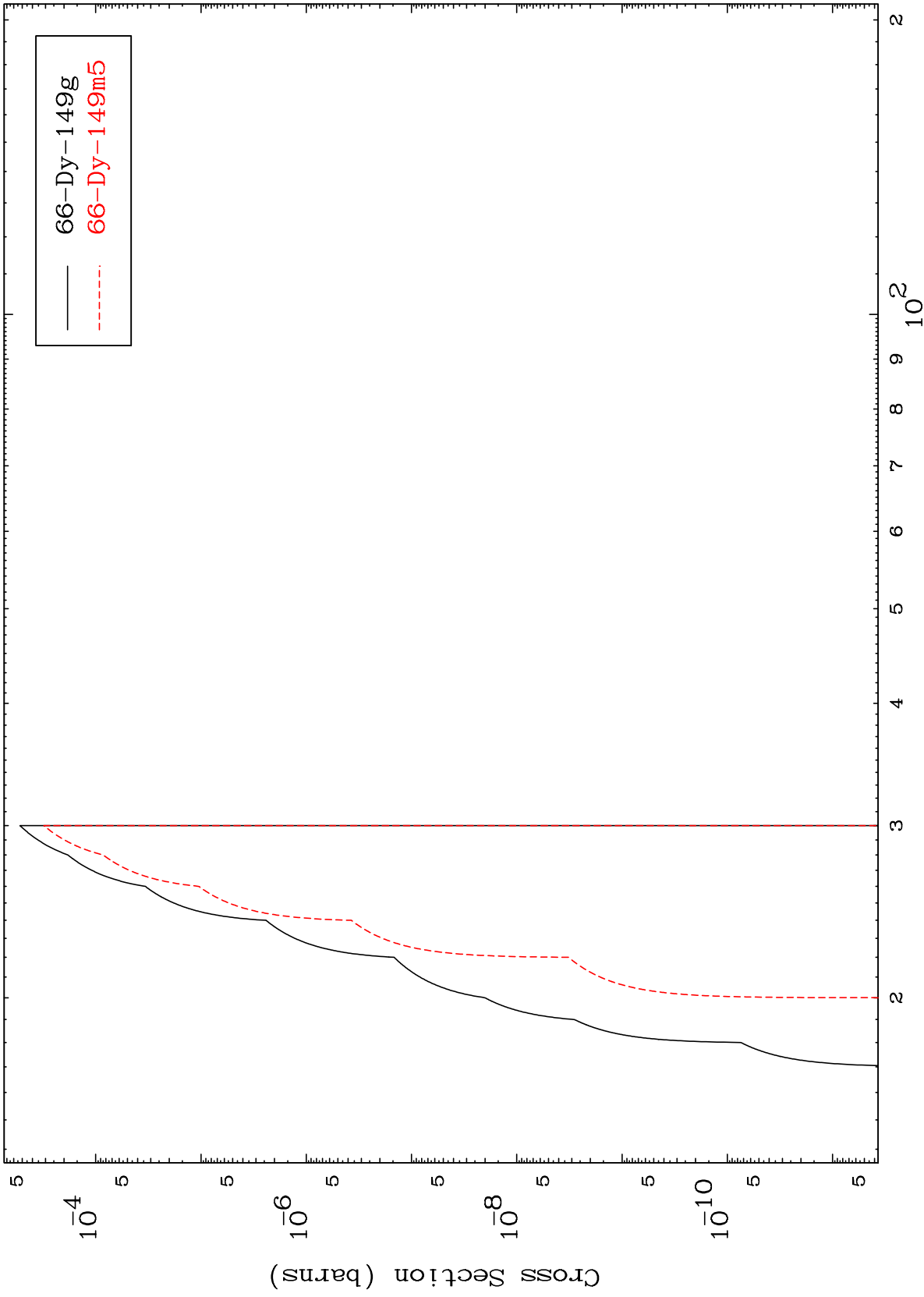
65-Tb-147

MAT 6490

(α, d)

65-Tb-147

Radionuclide Production Cross Section



18

Incident Energy (MeV)

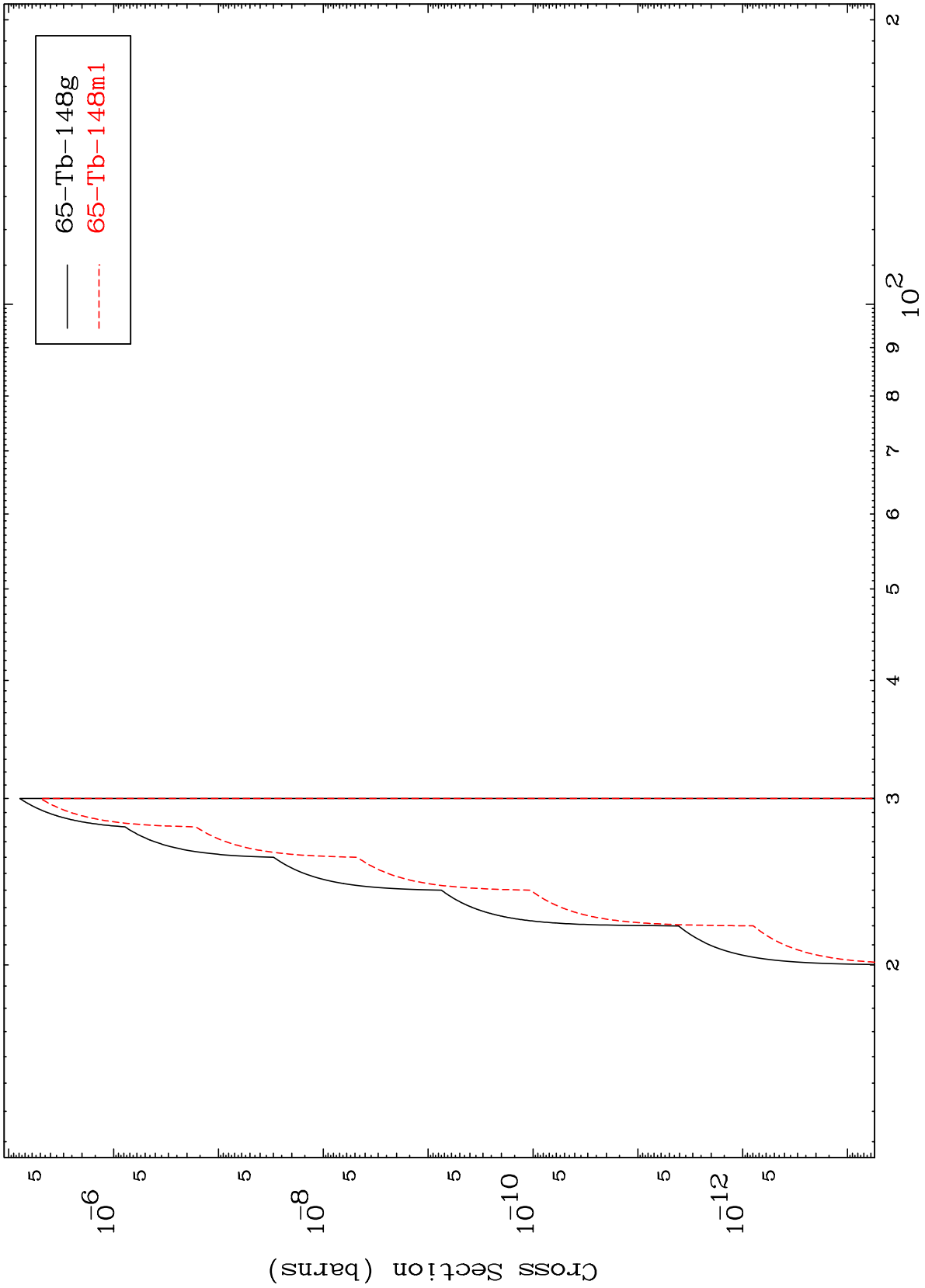
65-Tb-147

MAT 6490

($\alpha, \text{He-3}$)

65-Tb-147

Radionuclide Production Cross Section



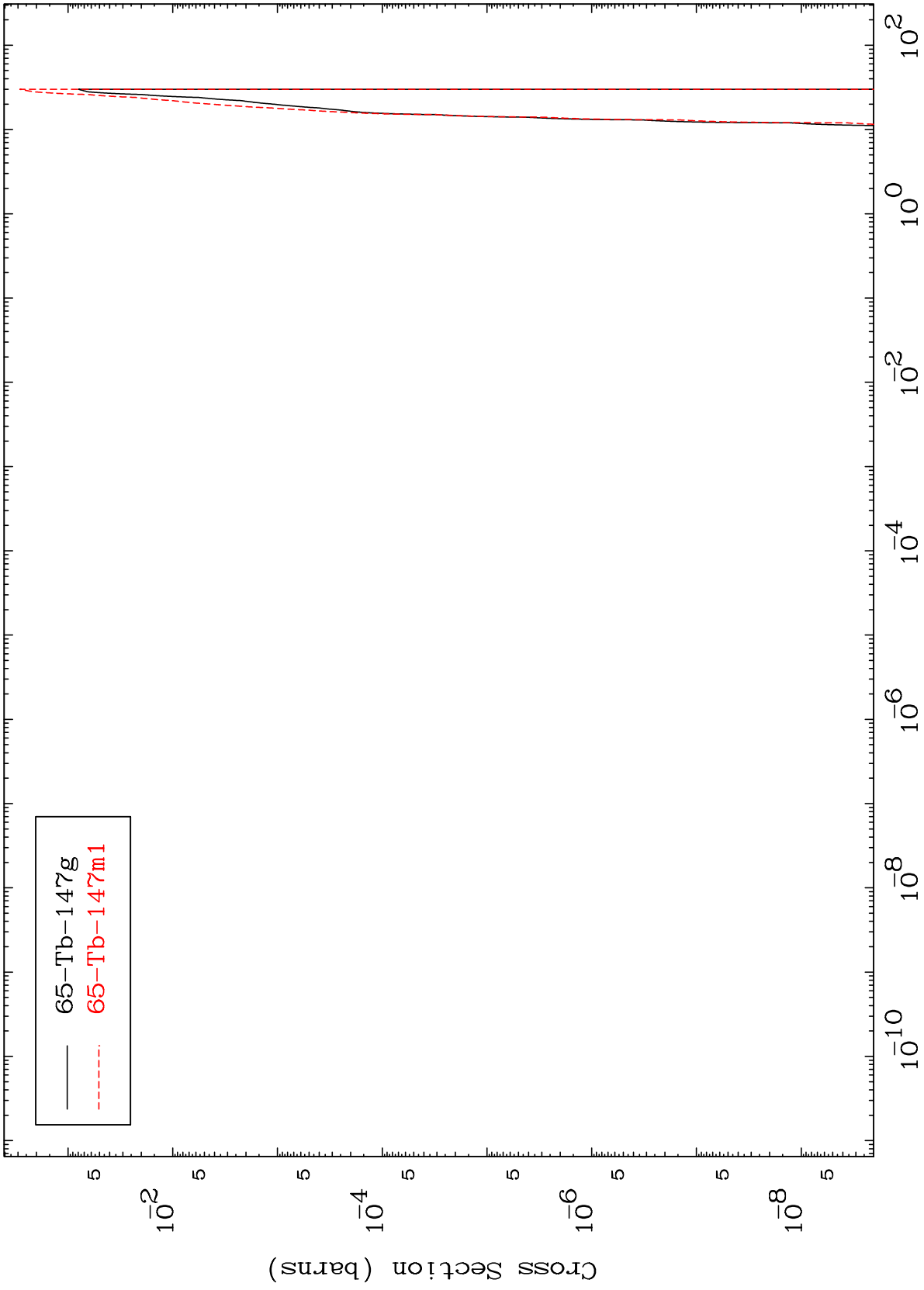
65-Tb-148g
65-Tb-148m1

MAT 6490

(α, α)

65-Tb-147

Radionuclide Production Cross Section



20

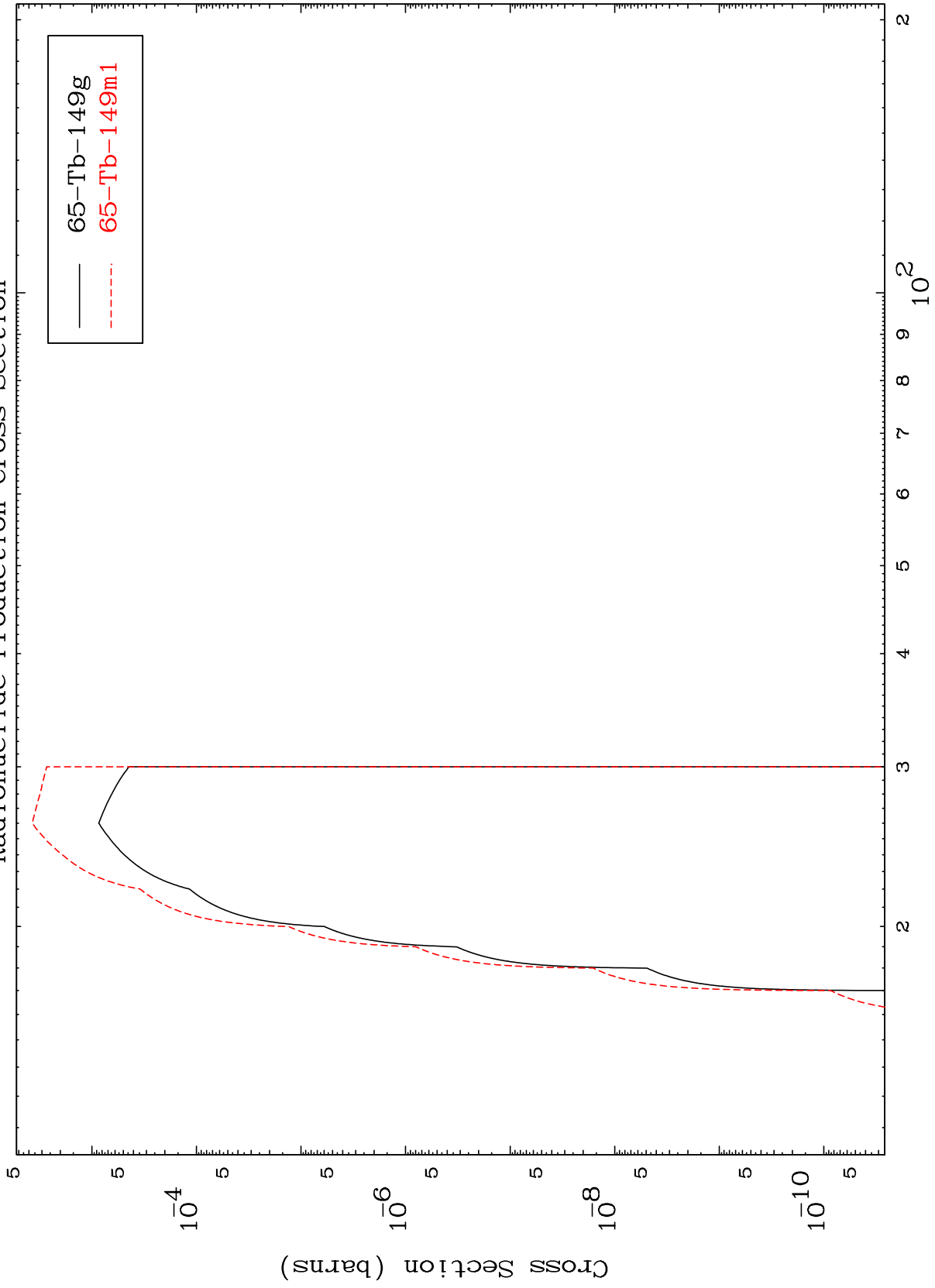
Incident Energy (MeV)

65-Tb-147

MAT 6490

65-Tb-147

($\alpha, 2p$)
Radionuclide Production Cross Section



65-Tb-147

Incident Energy (MeV)

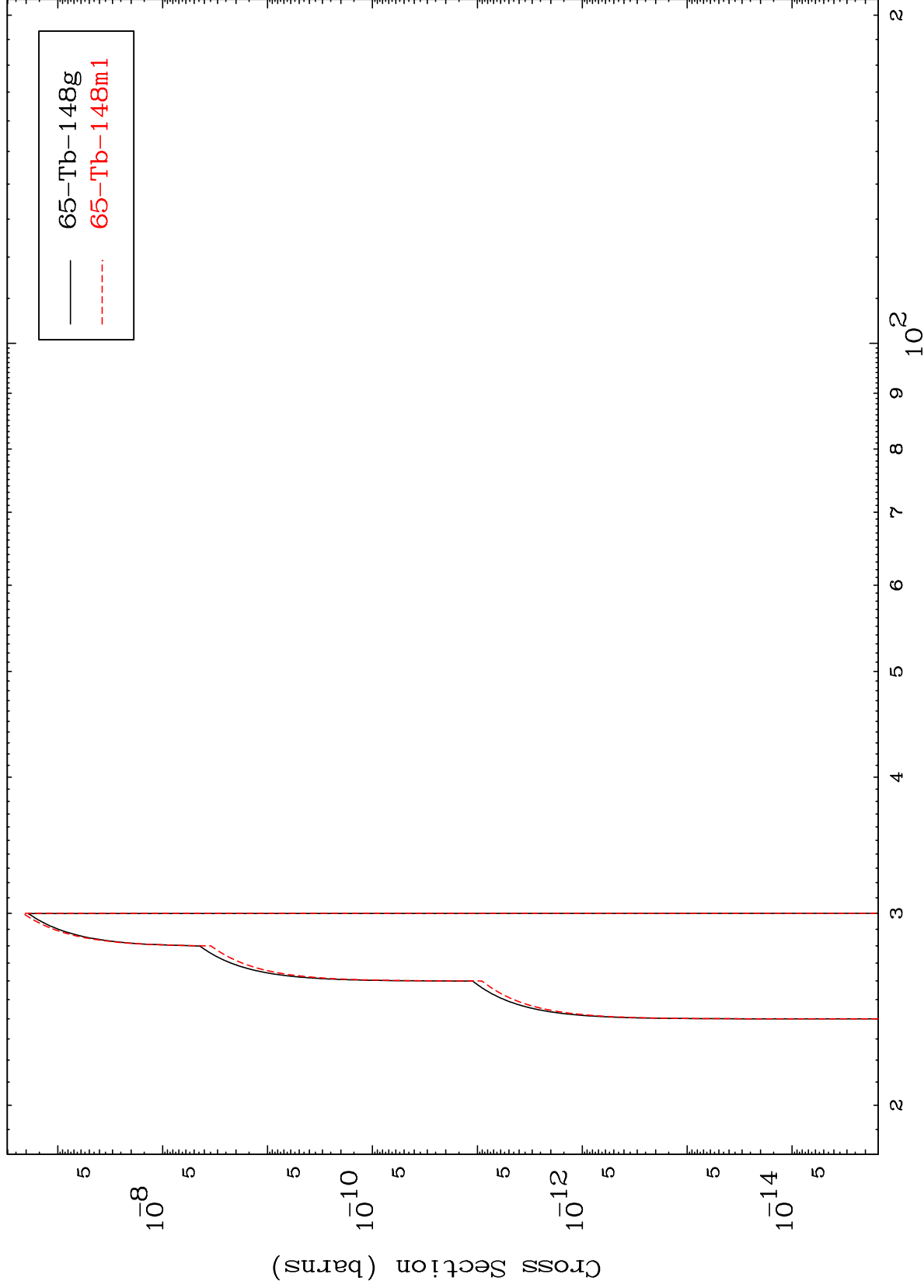
21

MAT 6490

(α, p) d

65-Tb-147

Radionuclide Production Cross Section



22

Incident Energy (MeV)

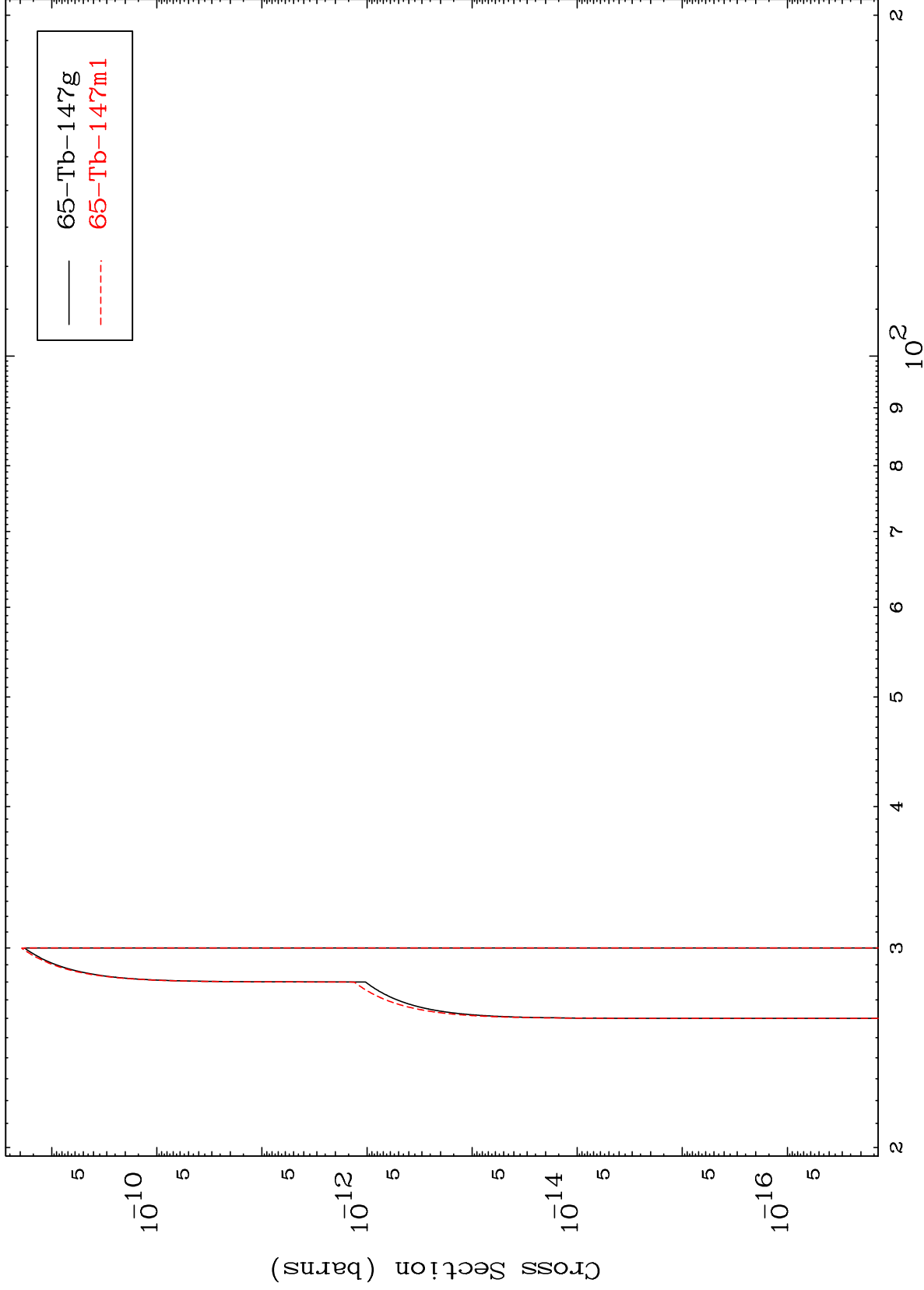
65-Tb-147

MAT 6490

(α, p) t

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

Radionuclide Production Cross Section



23

Incident Energy (MeV)

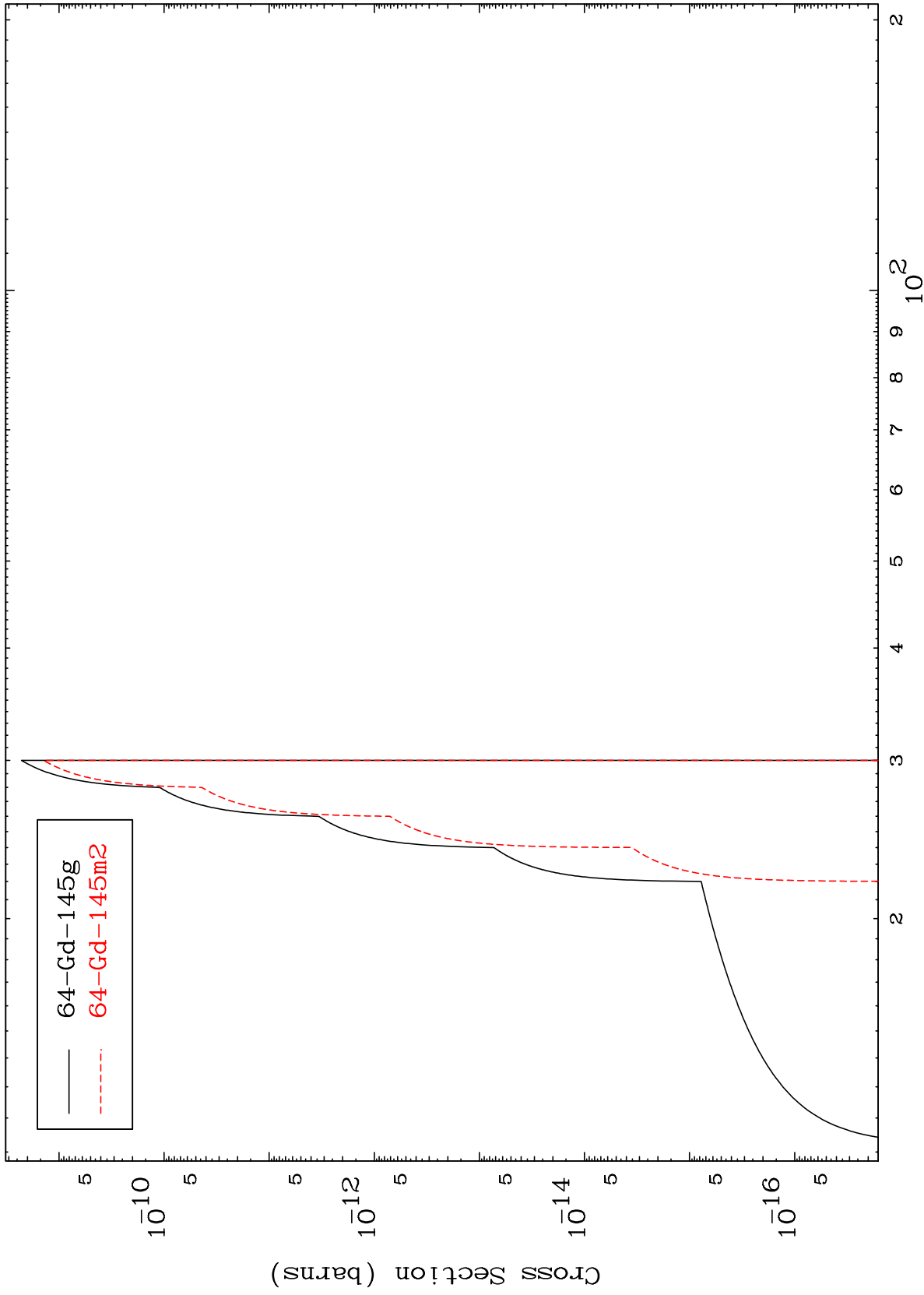
$^{65}\text{Tb}-147$

MAT 6490

(α, d) α

65-Tb-147

Radionuclide Production Cross Section



24

Incident Energy (MeV)

65-Tb-147