

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

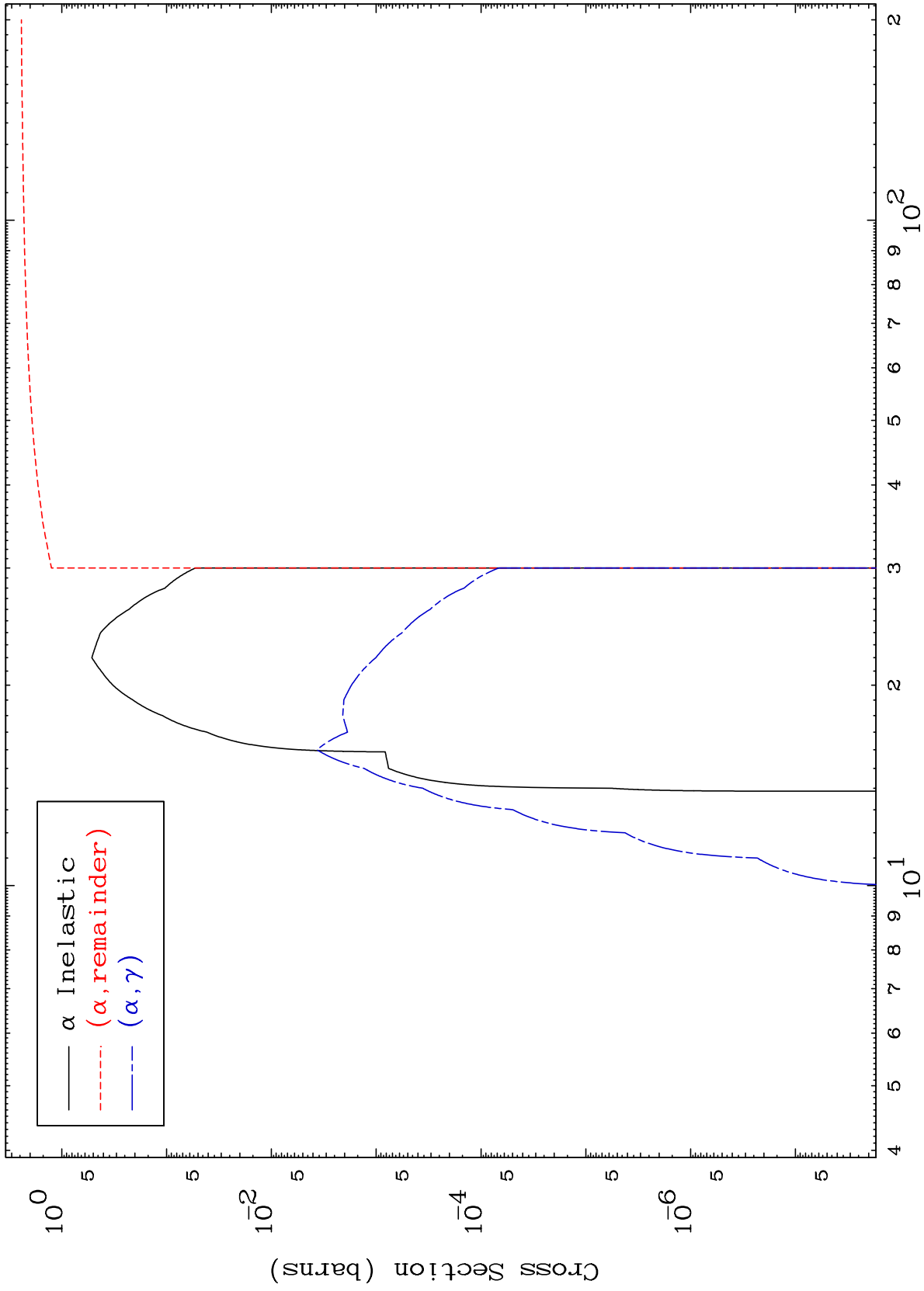
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6496

0 Kelvin α Major
Cross Sections

65-Tb-149



1

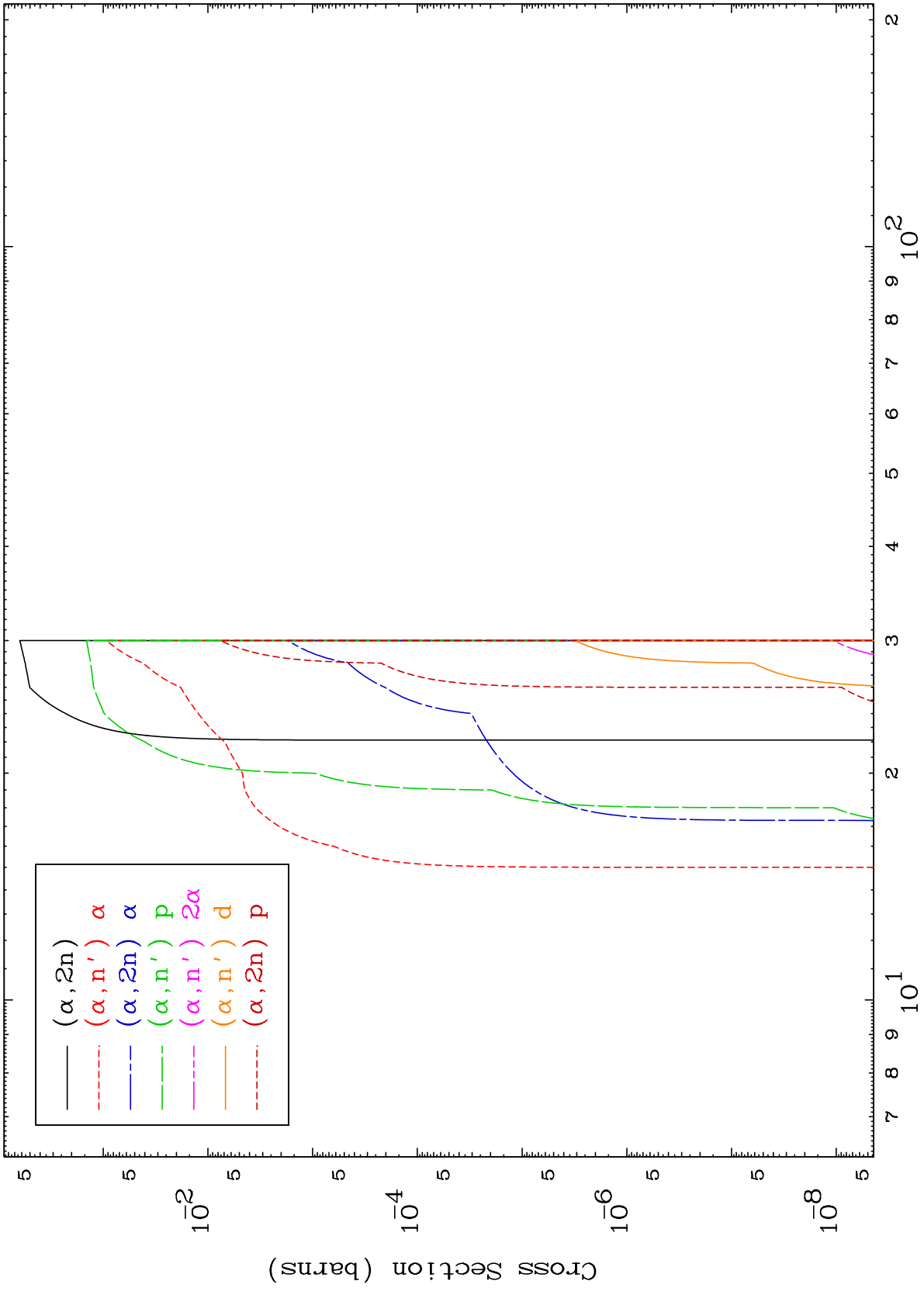
Incident Energy (MeV)

65-Tb-149

MAT 6496

α Neutron Production
0 Kelvin Cross Sections

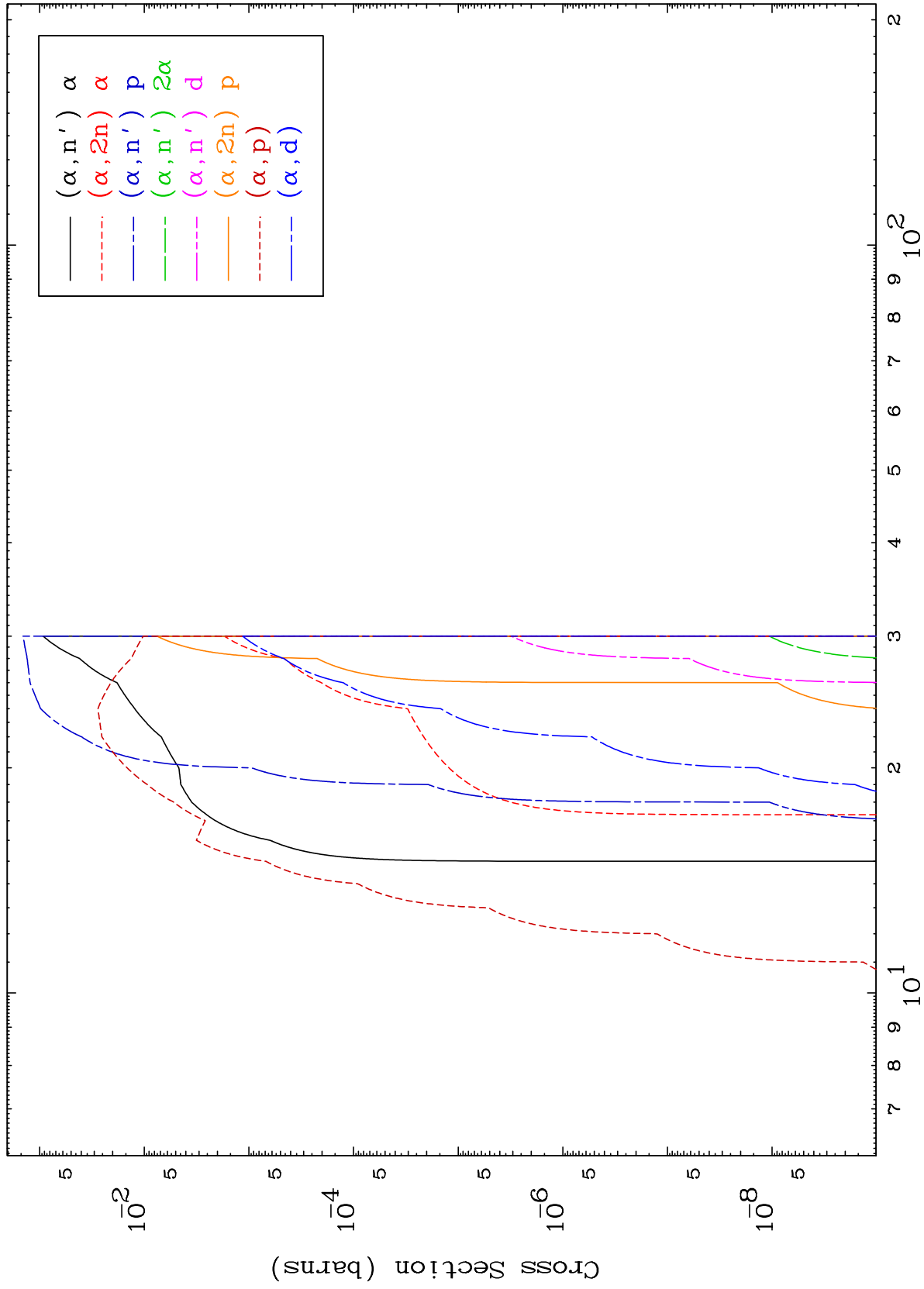
65-Tb-149



2

Incident Energy (MeV)

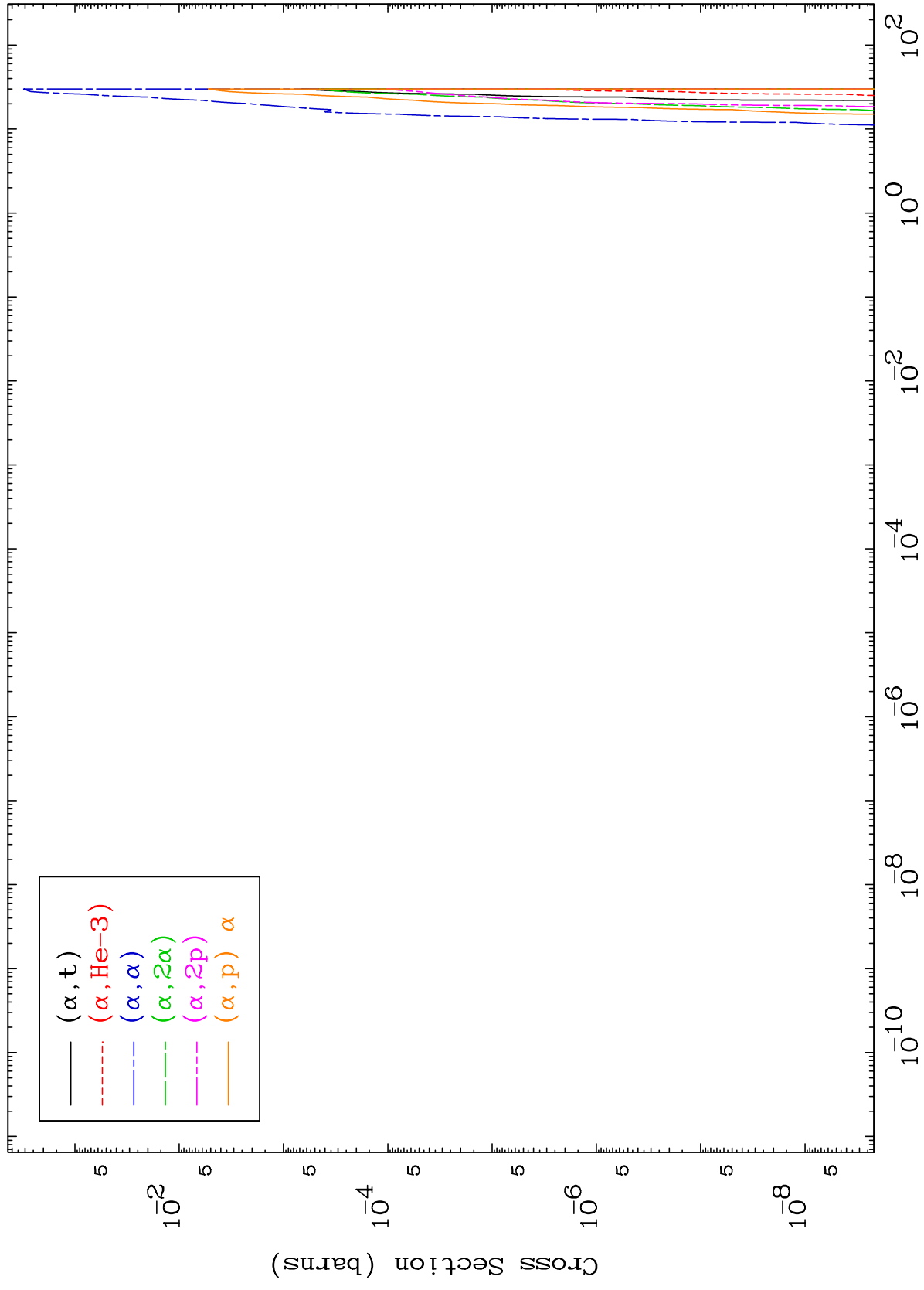
65-Tb-149



MAT 6496

α Charged Particle
0 Kelvin Cross Sections

65-Tb-149

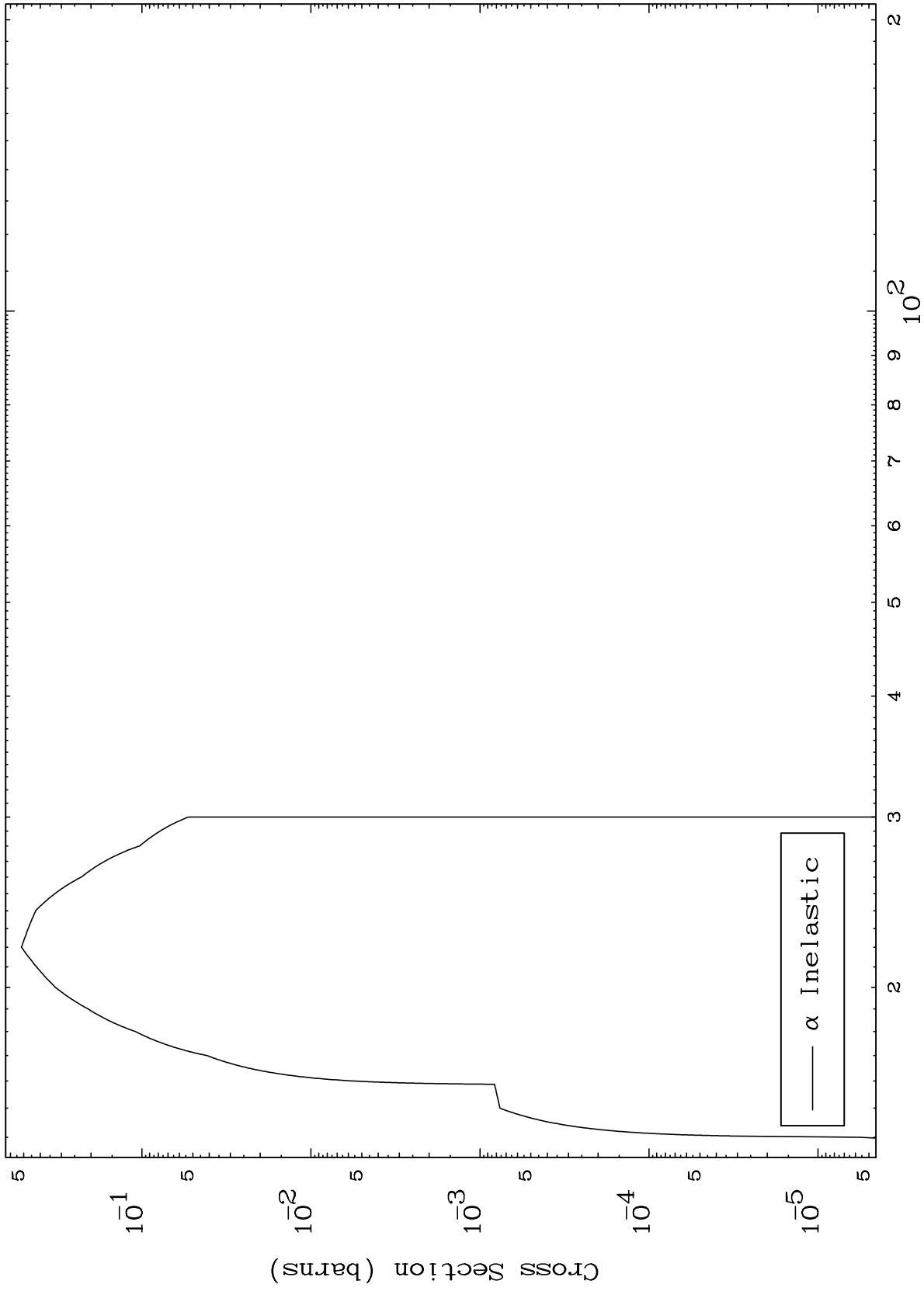


65-Tb-149

MAT 6496

(α, n') Level
0 Kelvin Cross Sections

65-Tb-149



5

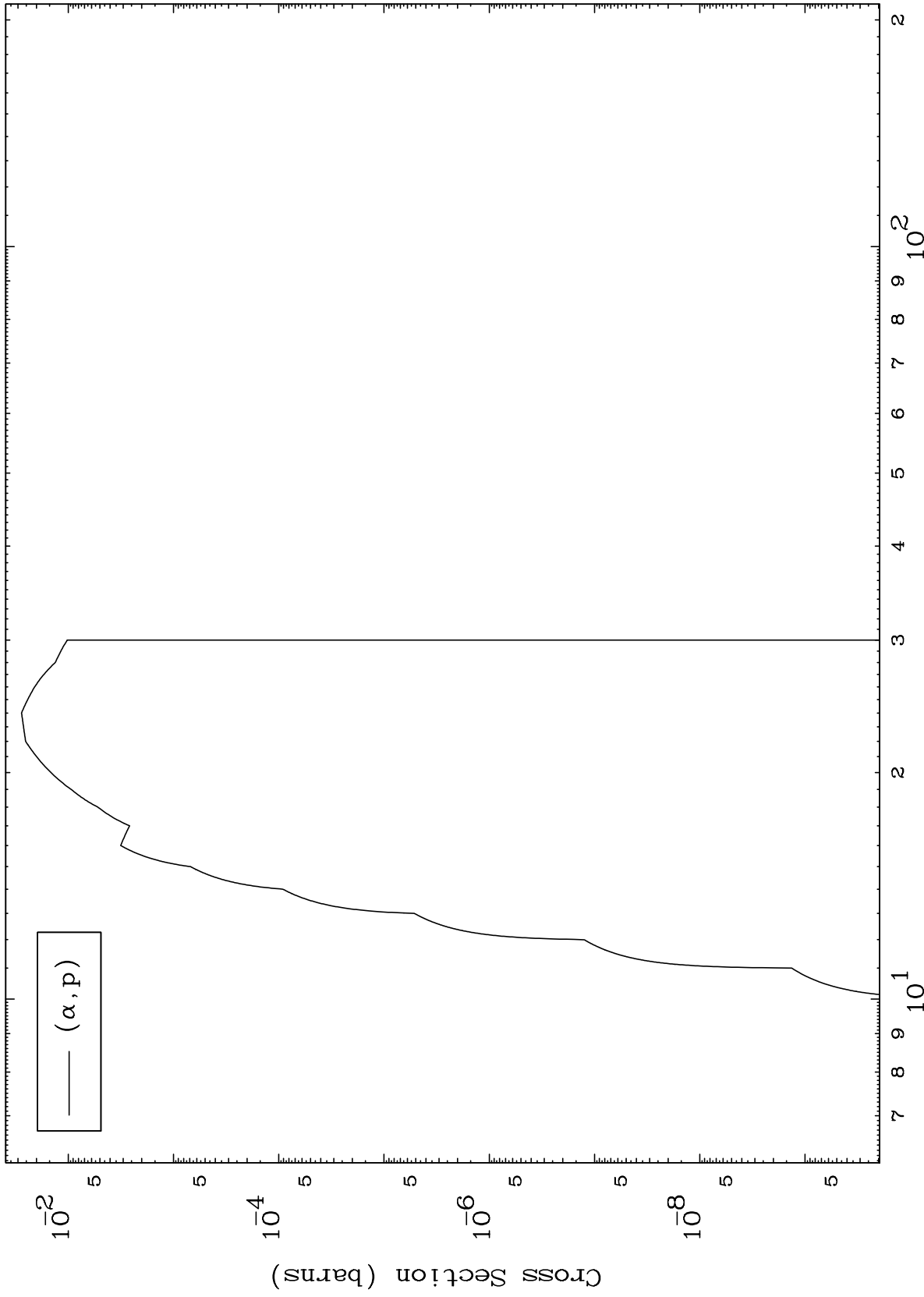
Incident Energy (MeV)

65-Tb-149

MAT 6496

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-149



6

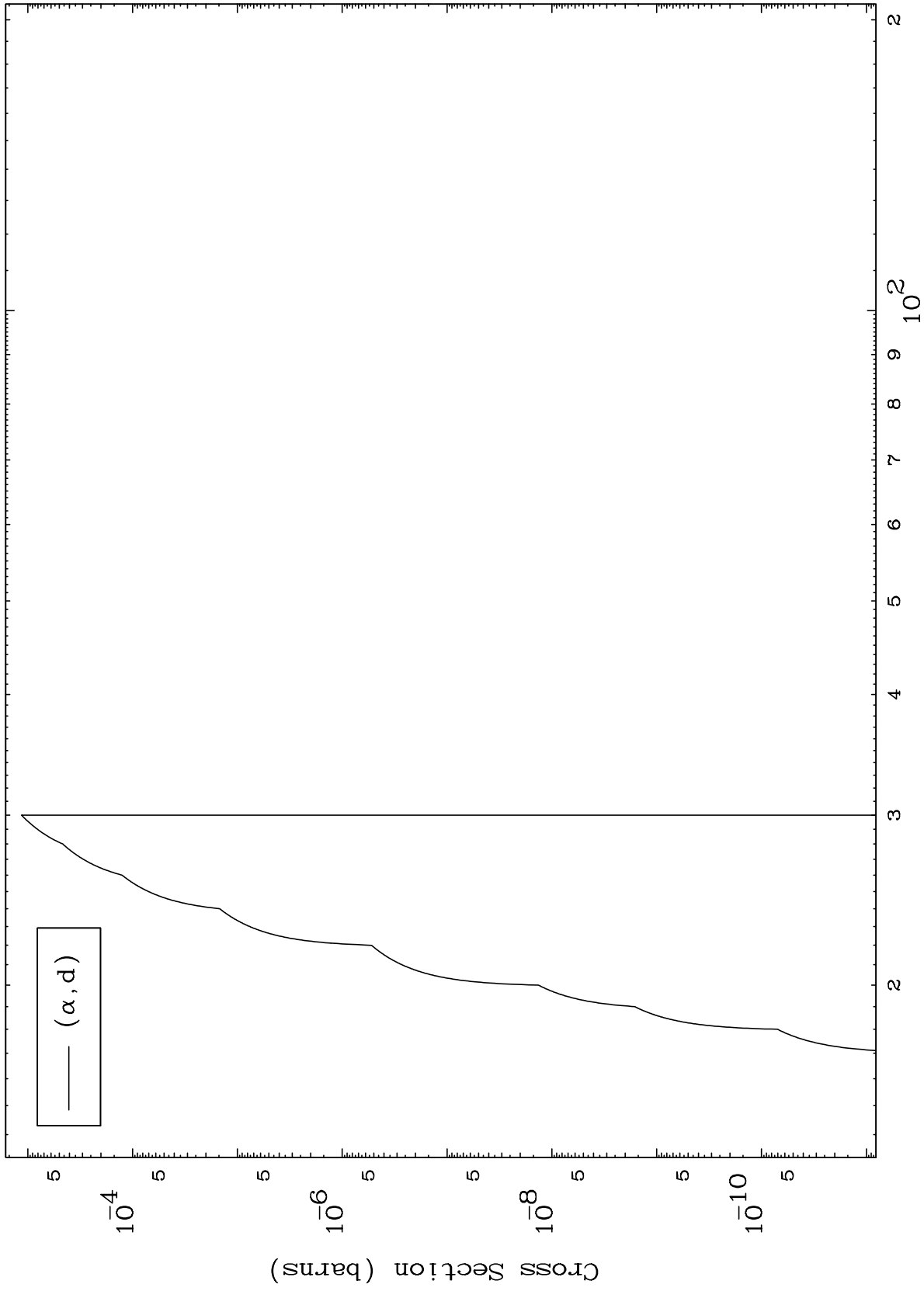
Incident Energy (MeV)

65-Tb-149

MAT 6496

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-149



7

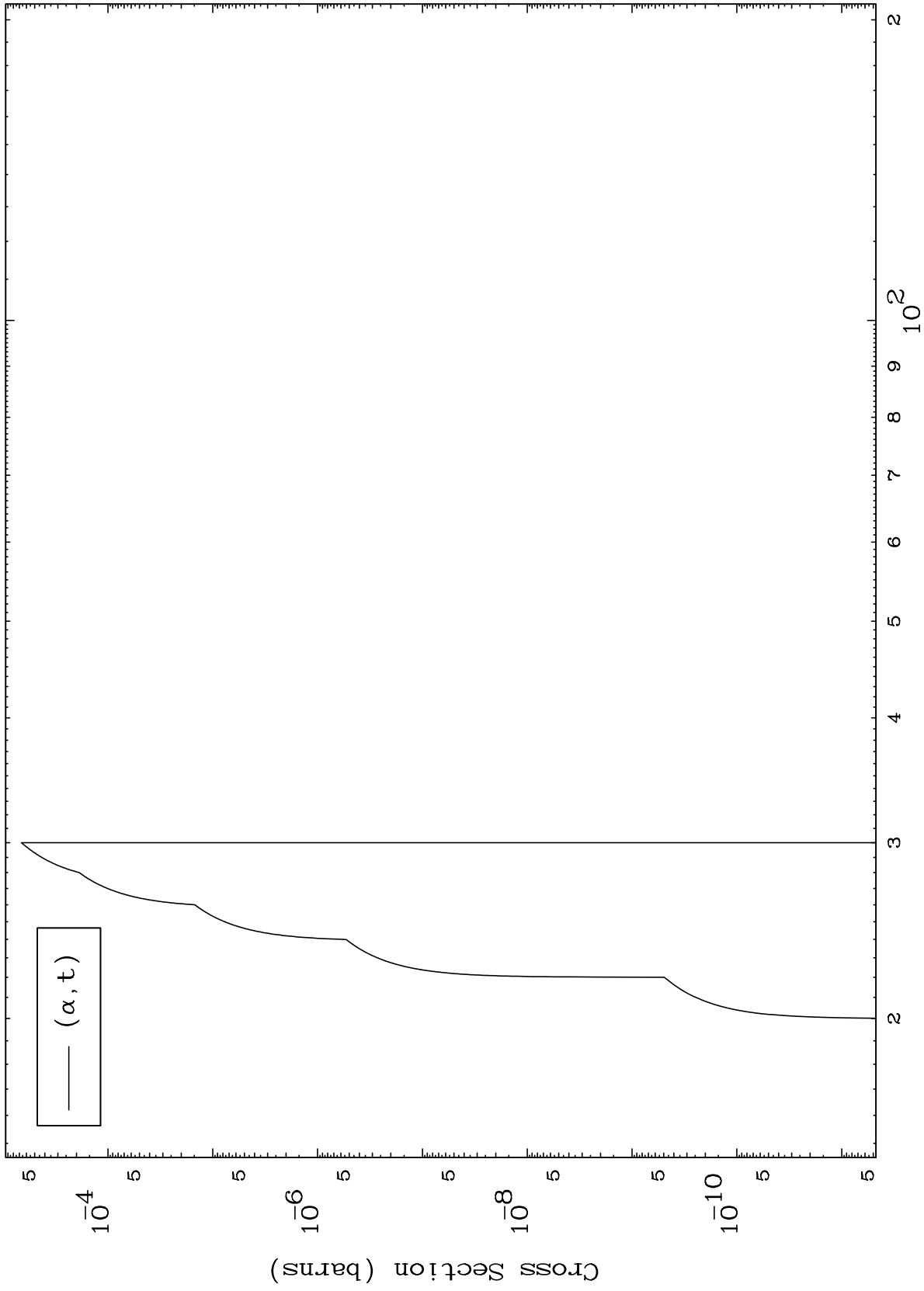
Incident Energy (MeV)

65-Tb-149

MAT 6496

(α, t) Levels
0 Kelvin Cross Sections

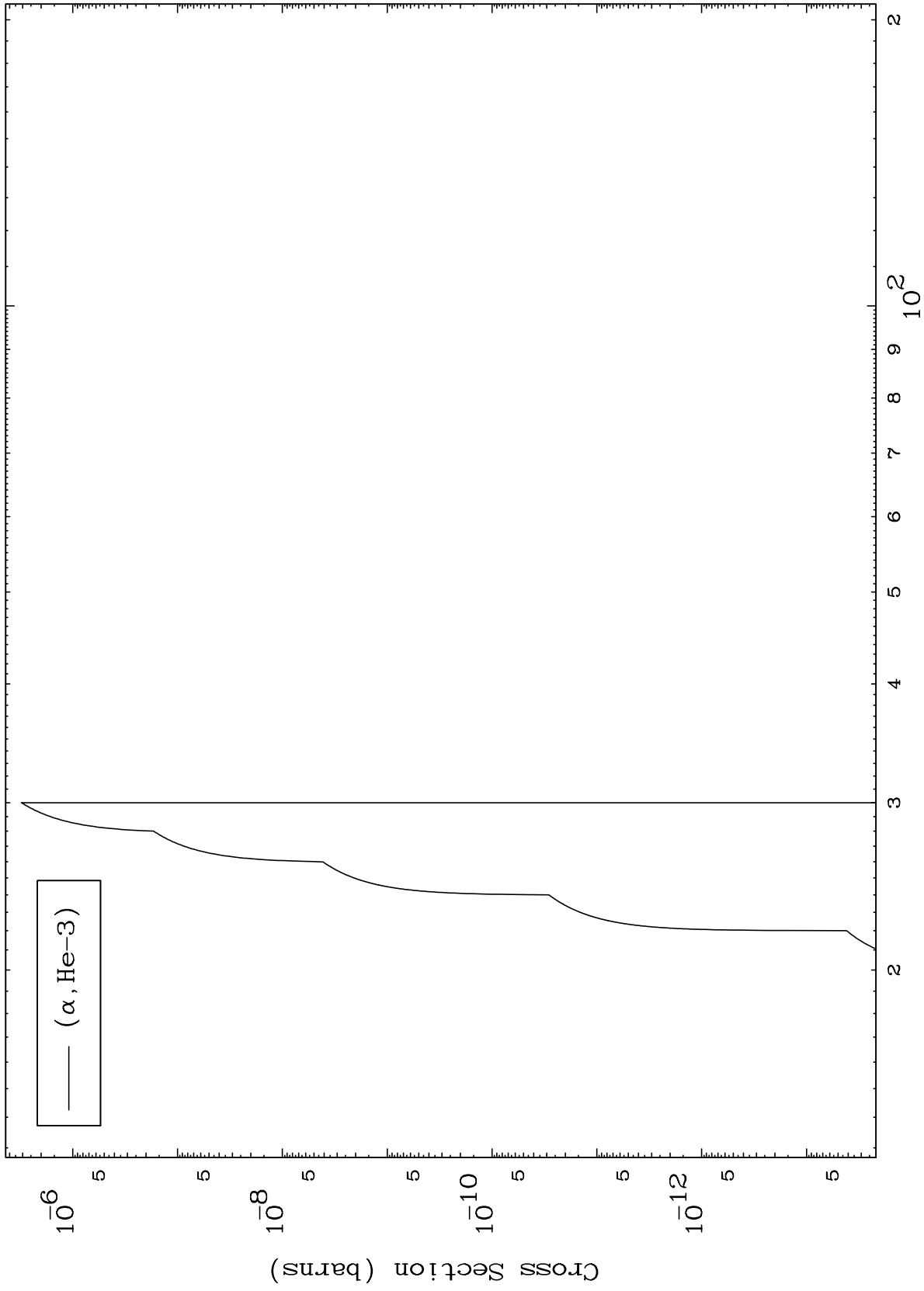
65-Tb-149



8

Incident Energy (MeV)

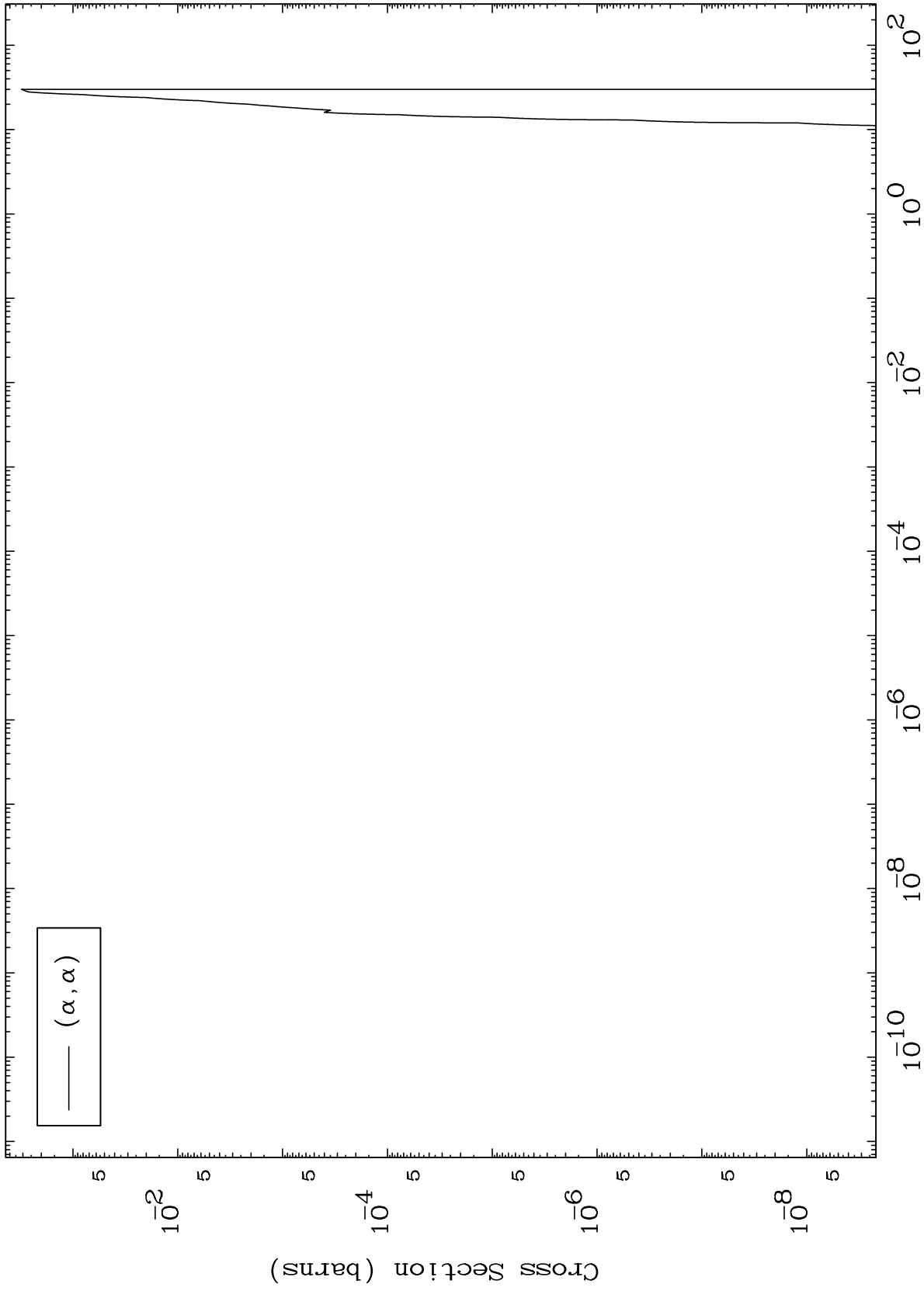
65-Tb-149



MAT 6496

(α, α) Levels
0 Kelvin Cross Sections

65-Tb-149



10

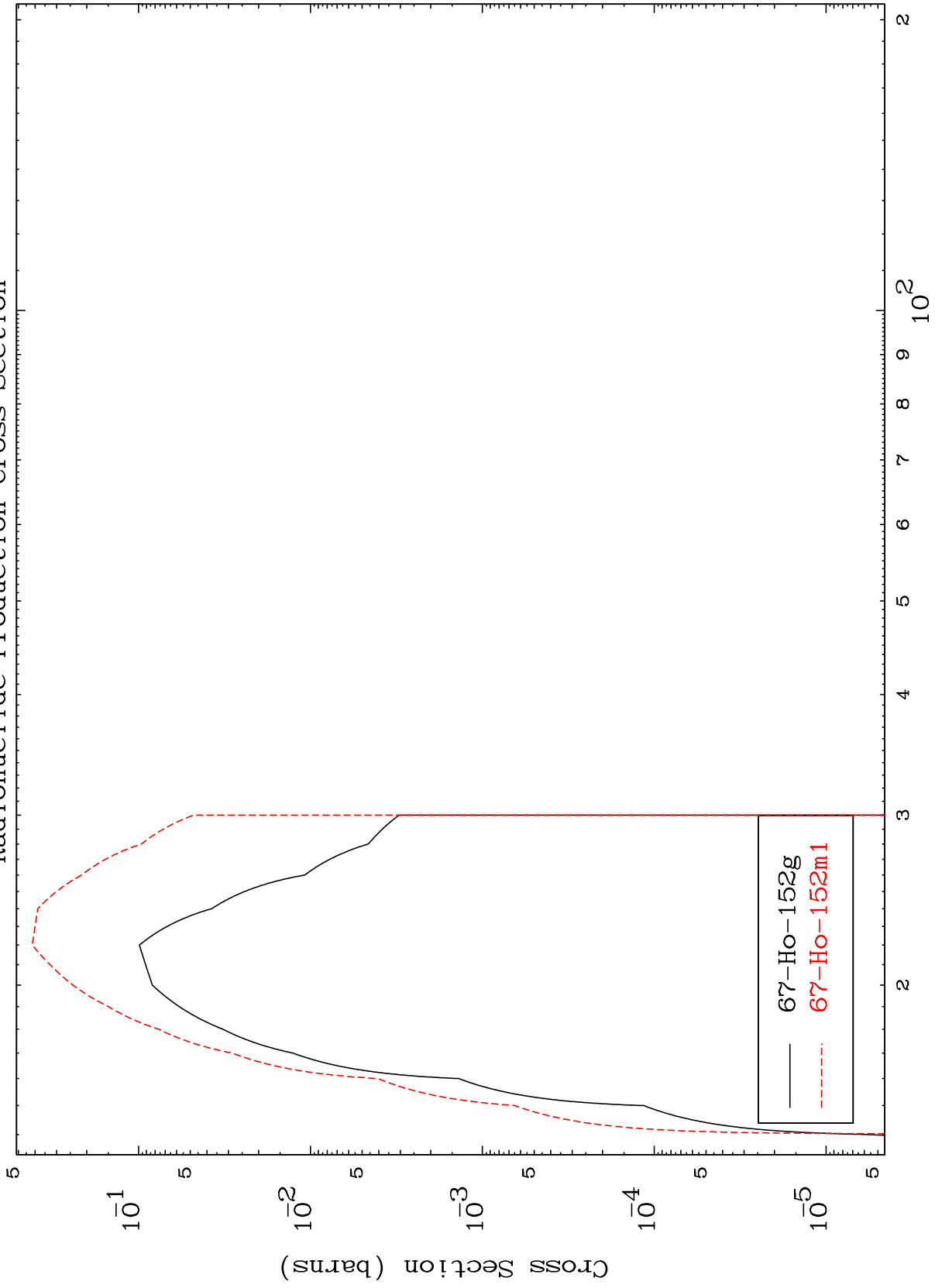
Incident Energy (MeV)

65-Tb-149

MAT 6496

Radionuclide Production Cross Section
 α Inelastic

65-Tb-149



11

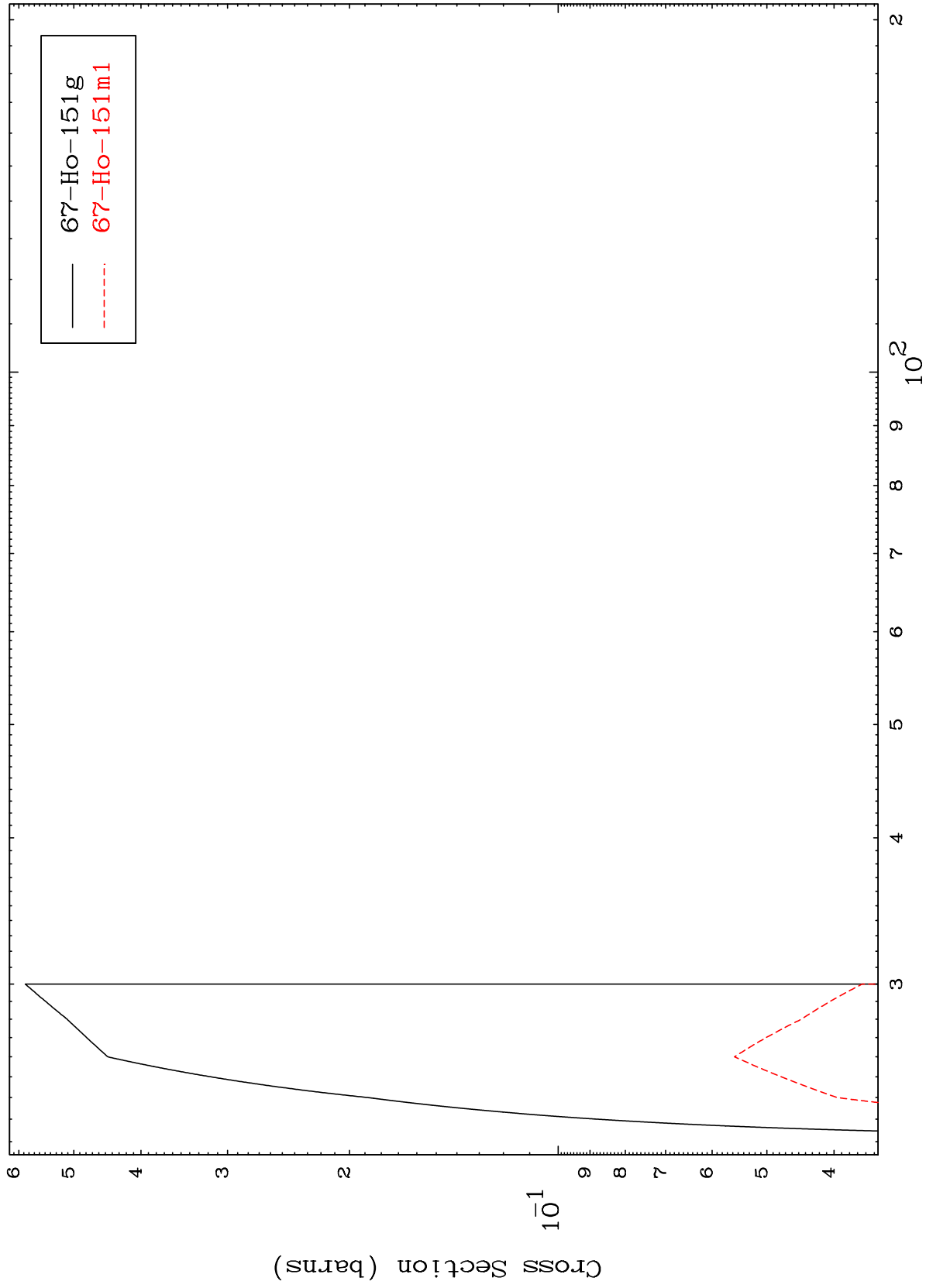
Incident Energy (MeV)

65-Tb-149

MAT 6496

65-Tb-149

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



12

Incident Energy (MeV)

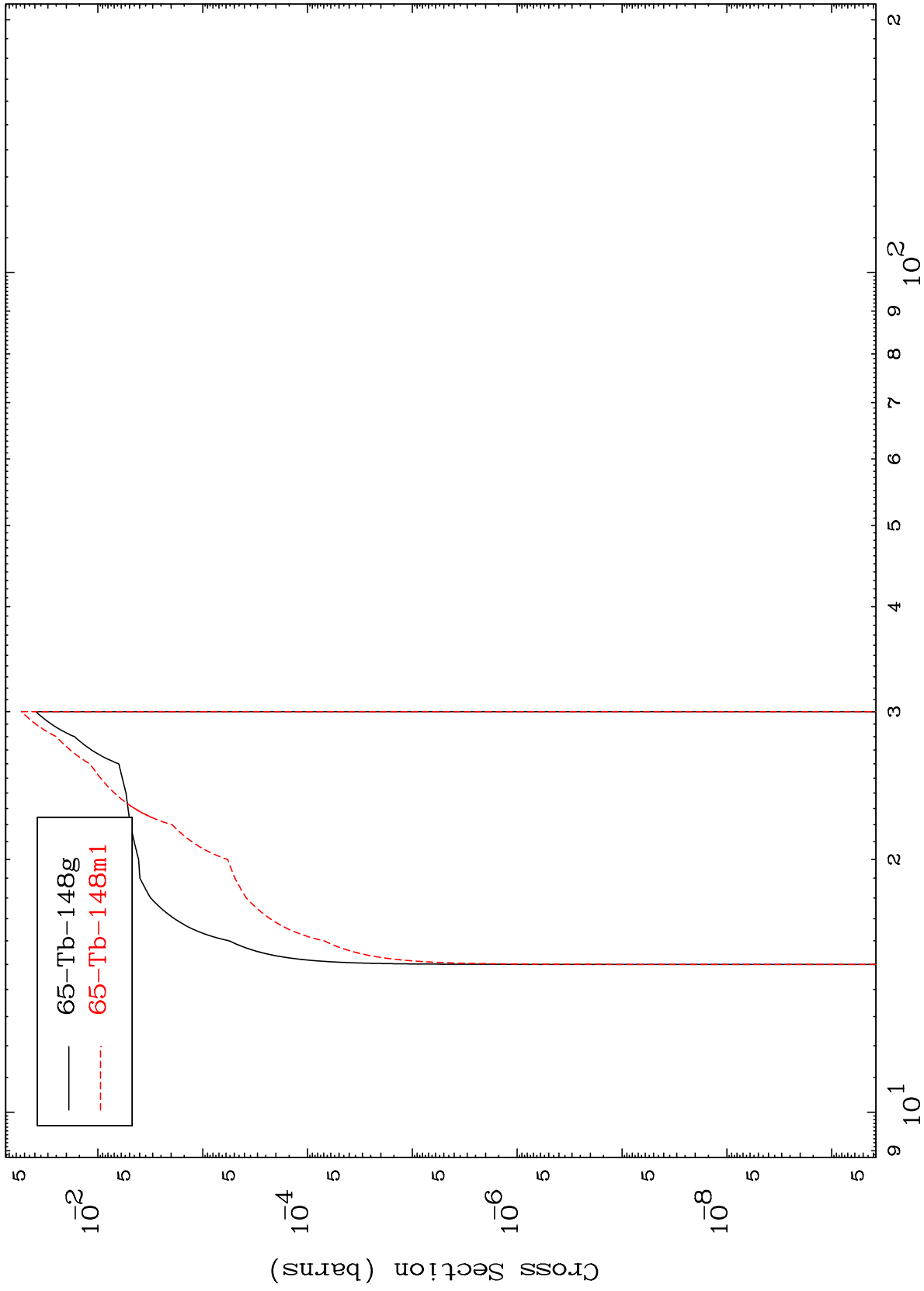
65-Tb-149

MAT 6496

(α, n') α

65-Tb-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

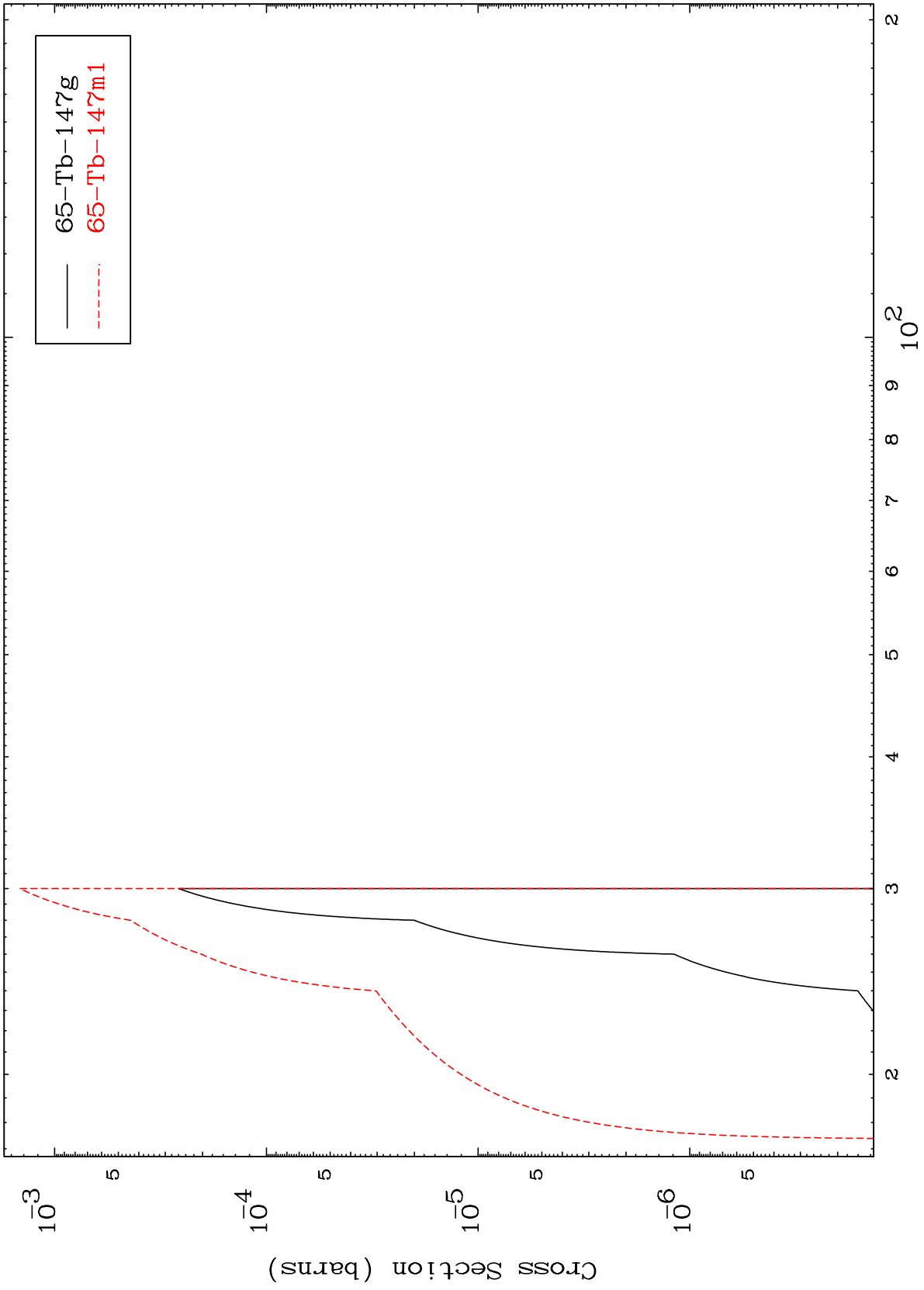
65-Tb-149

MAT 6496

($\alpha, 2n$) α

65-Tb-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

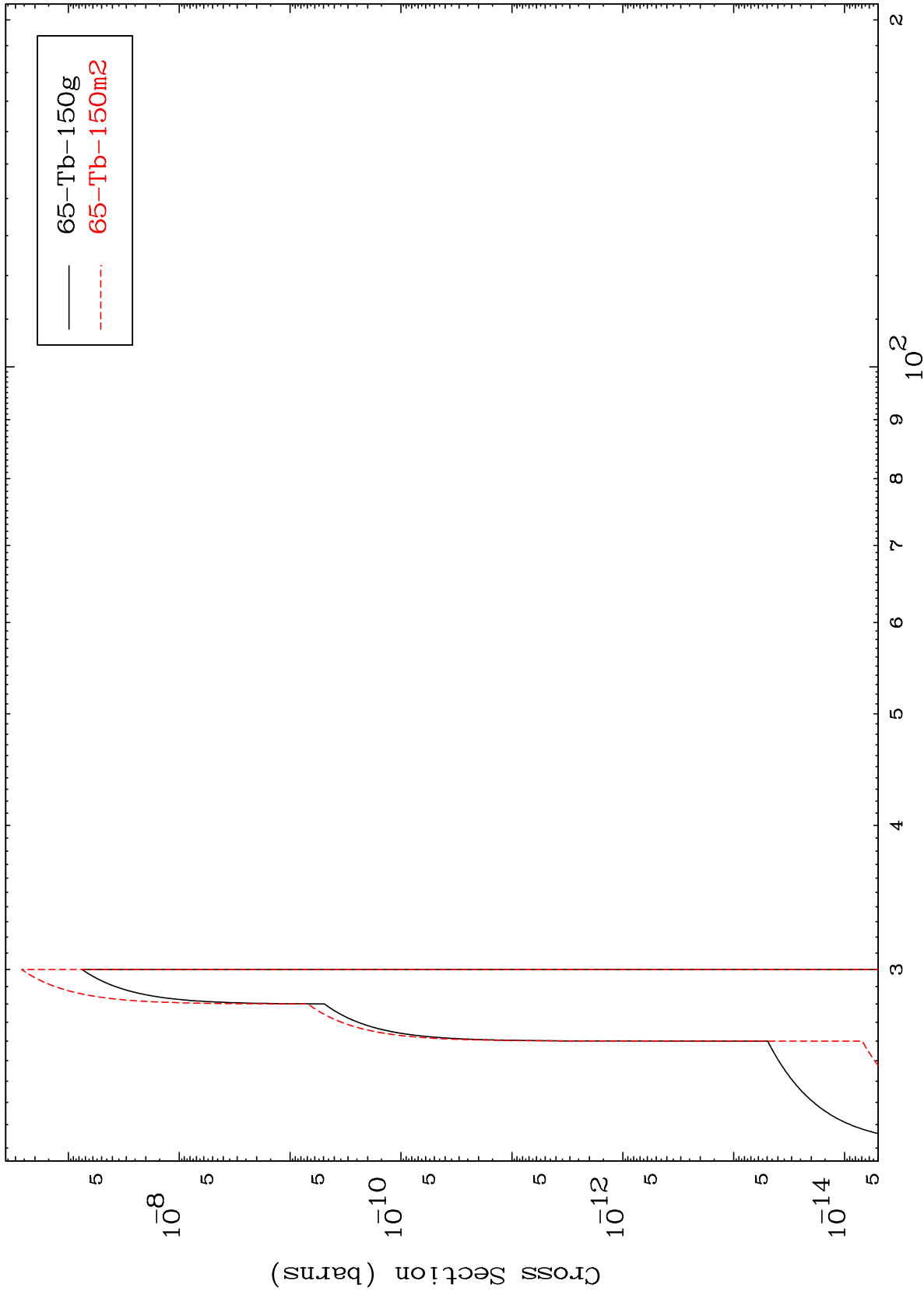
65-Tb-149

MAT 6496

($\alpha, 2n$) p

65-Tb-149

Radionuclide Production Cross Section



15

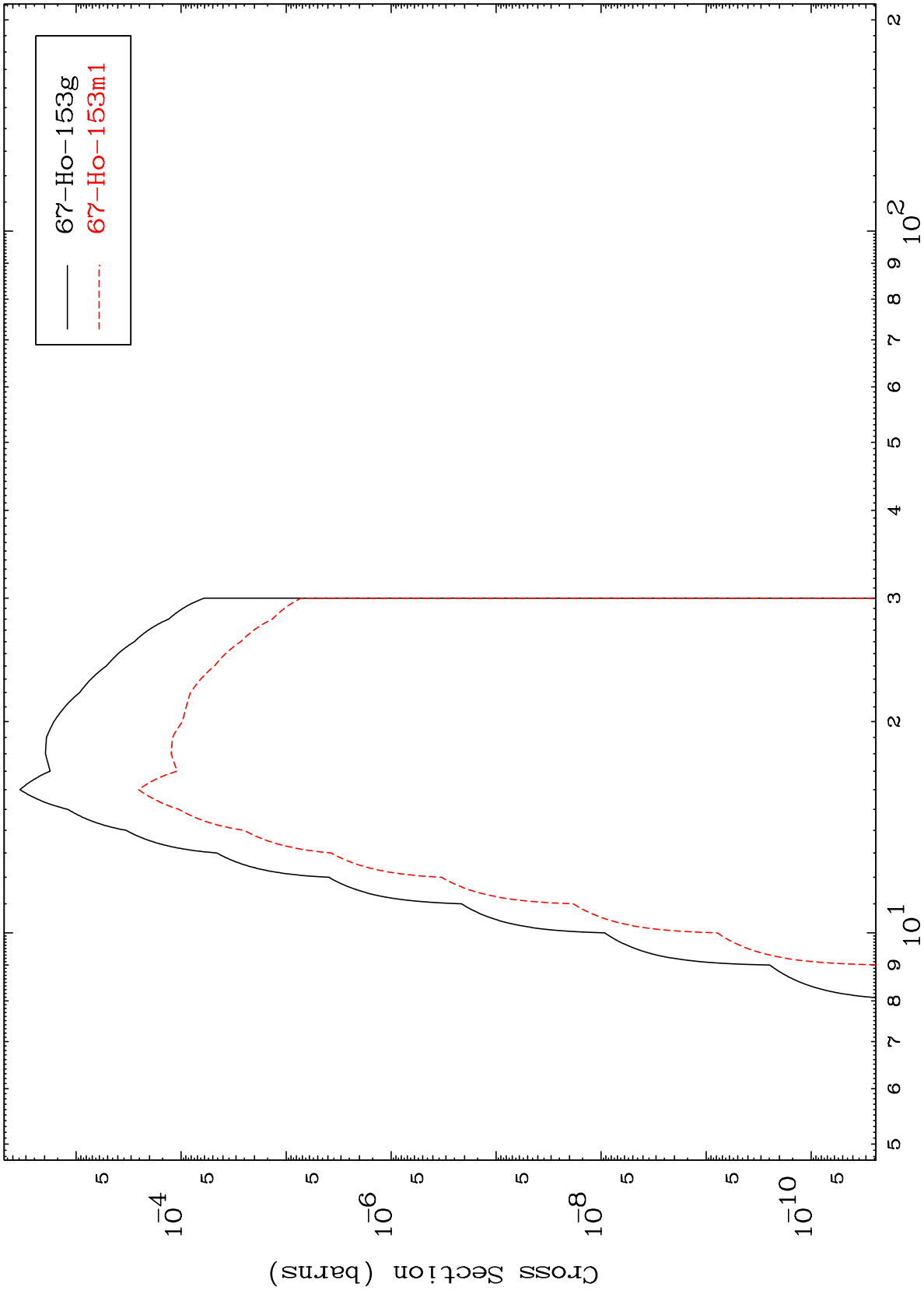
Incident Energy (MeV)

65-Tb-149

MAT 6496

65-Tb-149

(α, γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

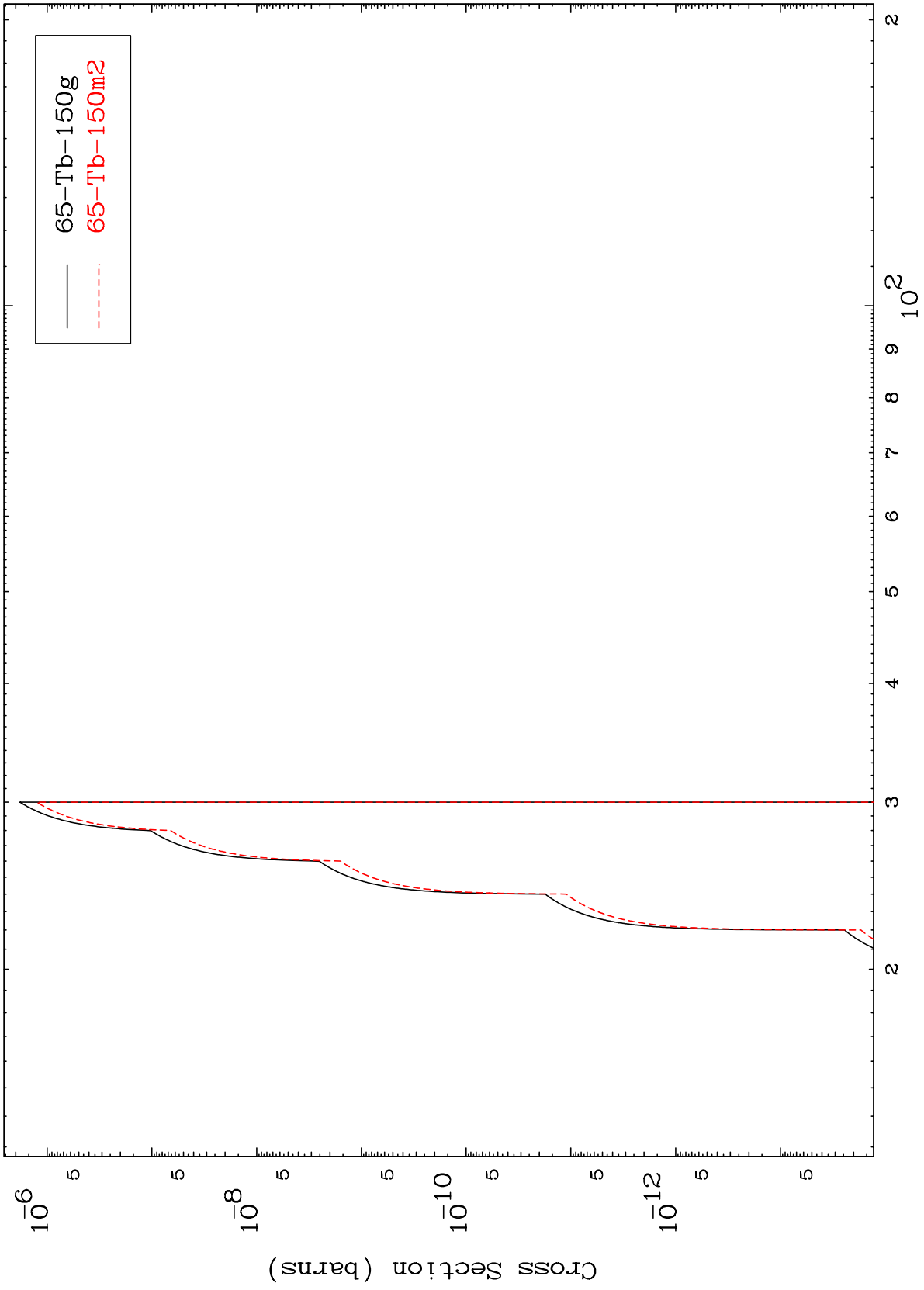
65-Tb-149

MAT 6496

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

65-Tb-149

Radionuclide Production Cross Section



17

Incident Energy (MeV)

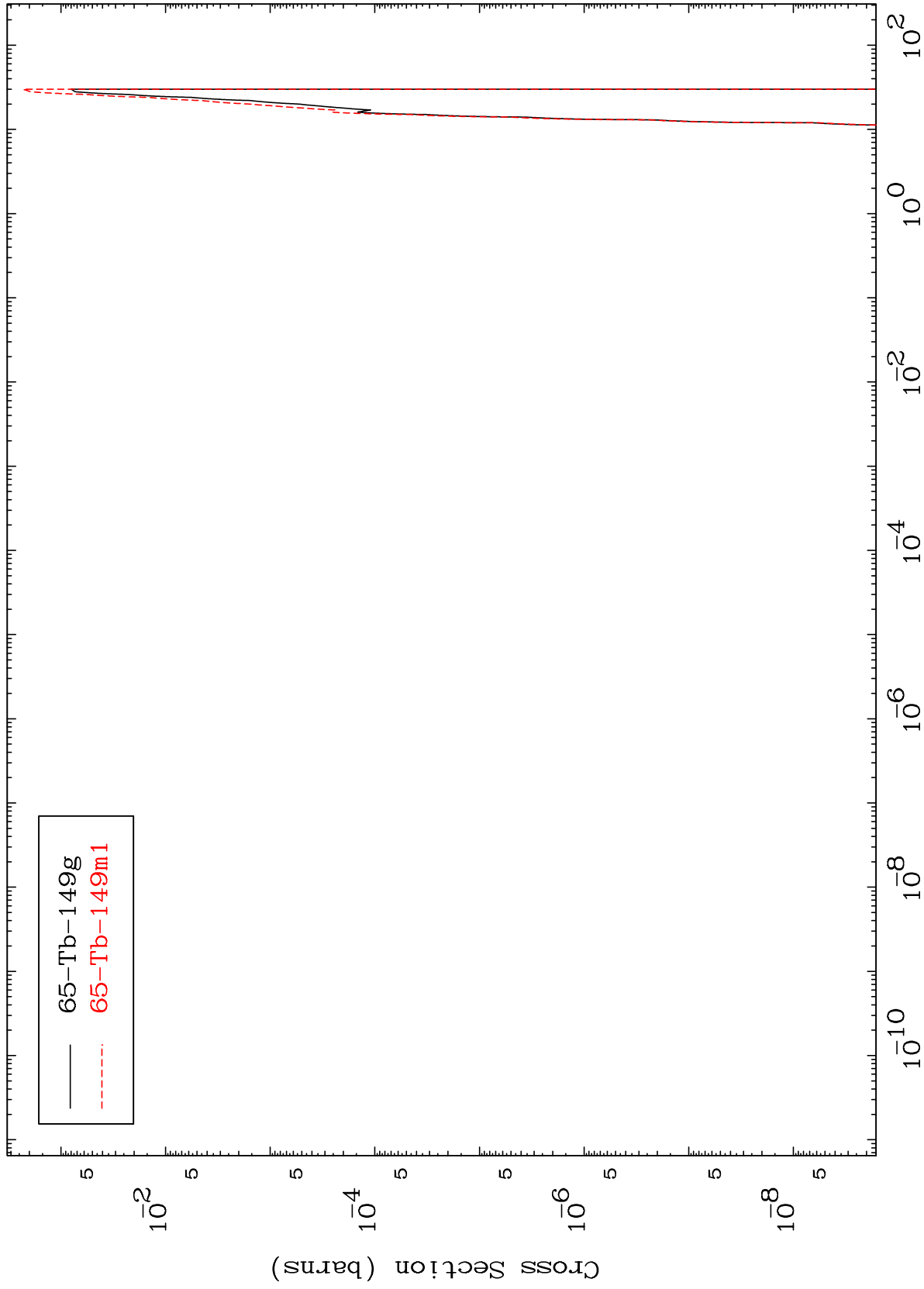
65-Tb-149

MAT 6496

(α, α)

65-Tb-149

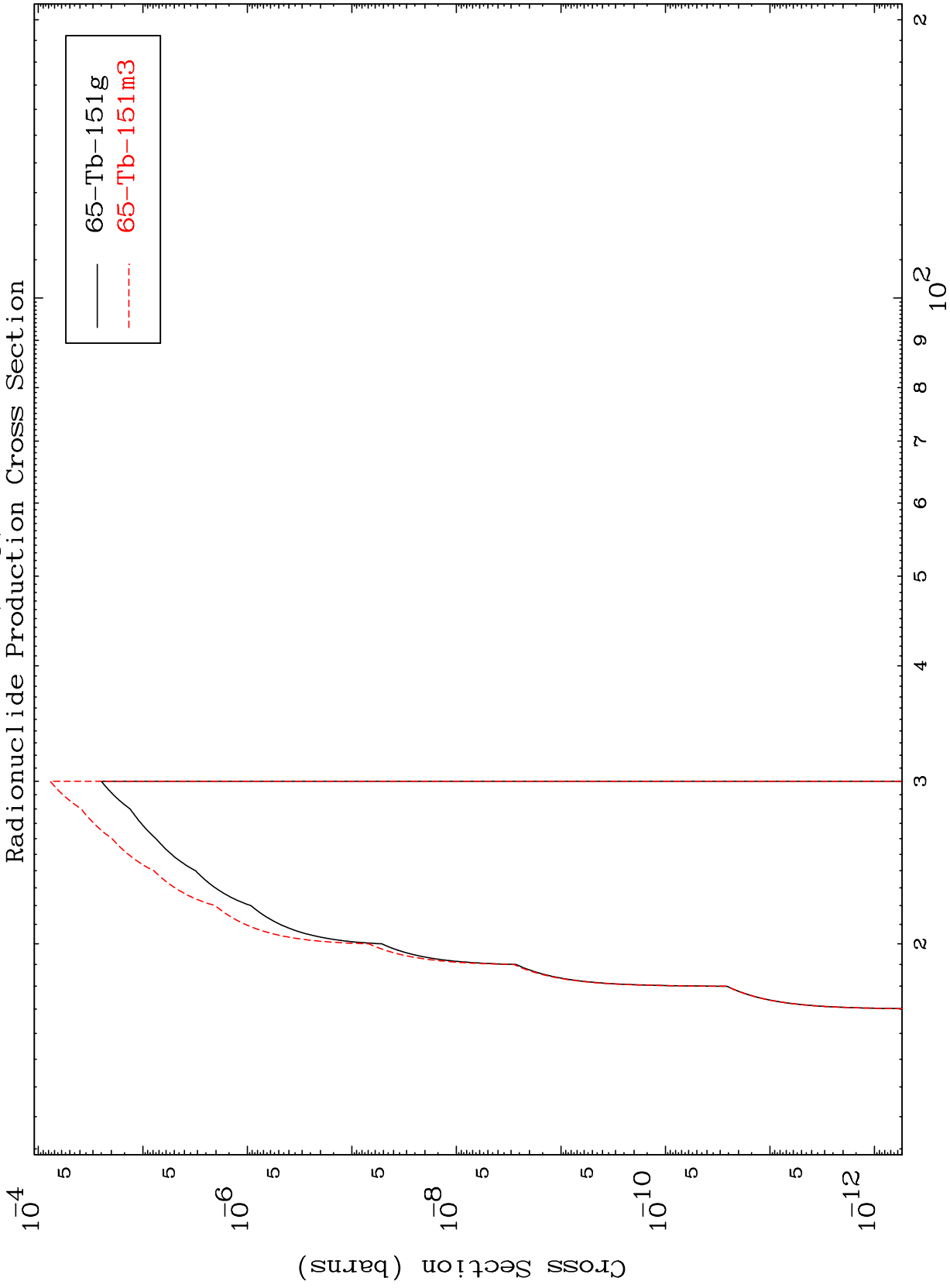
Radionuclide Production Cross Section



MAT 6496

65-Tb-149

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



19

Incident Energy (MeV)

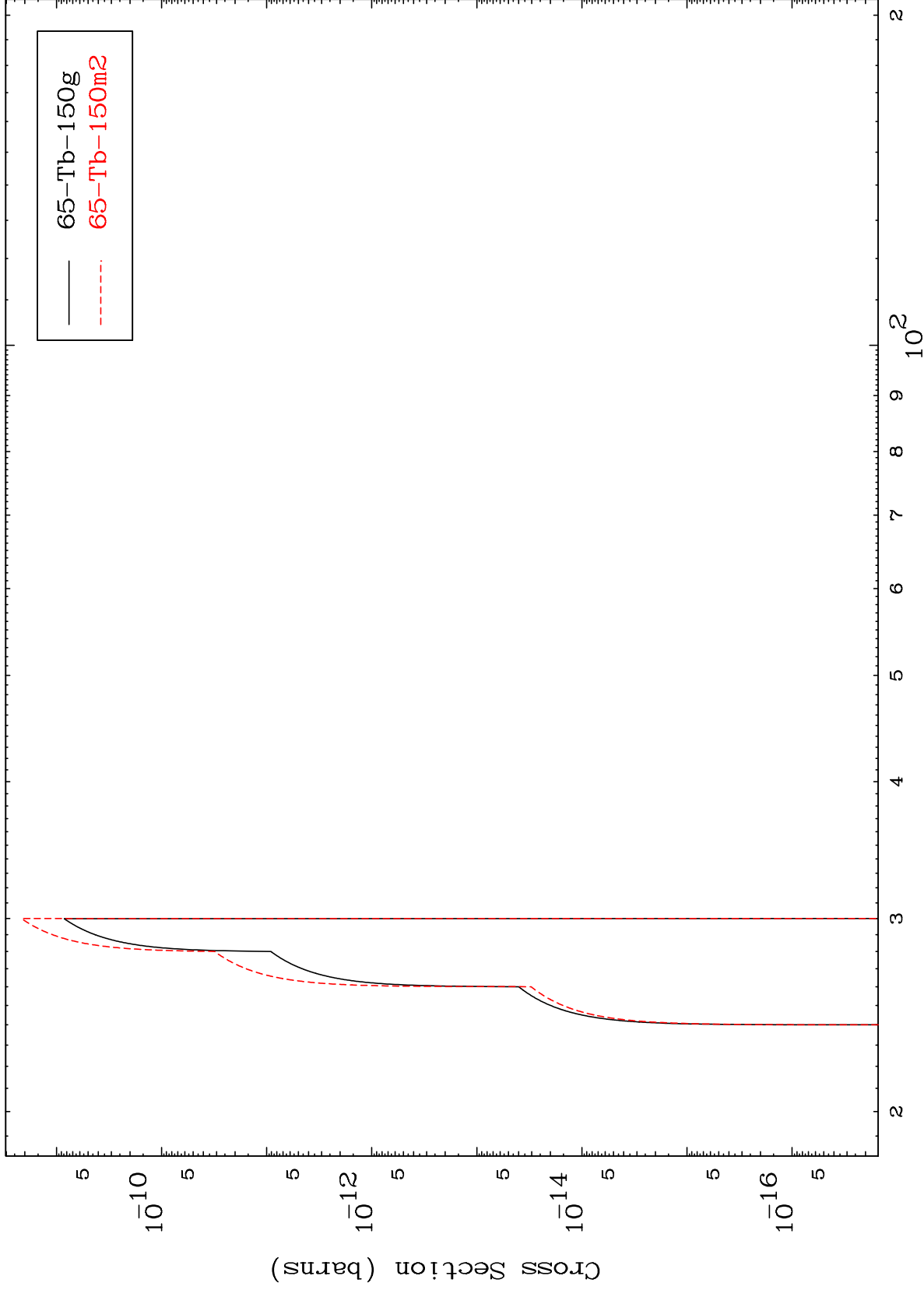
65-Tb-149

MAT 6496

(α, p) d

65-Tb-149

Radionuclide Production Cross Section



20

Incident Energy (MeV)

65-Tb-149