

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

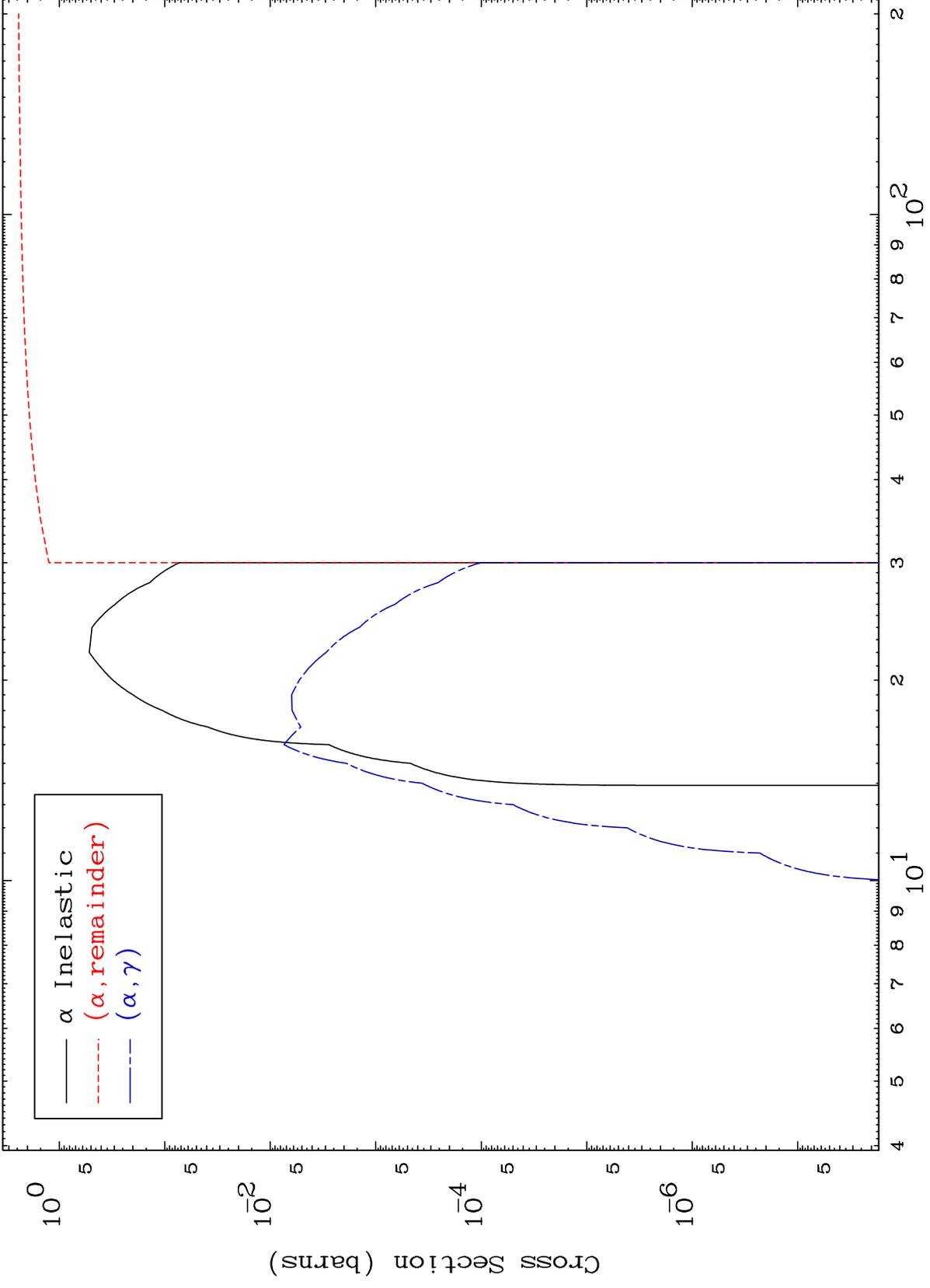
Press Mouse Button to Start

MAT 6495

α Major

65-Tb-149

0 Kelvin Cross Sections

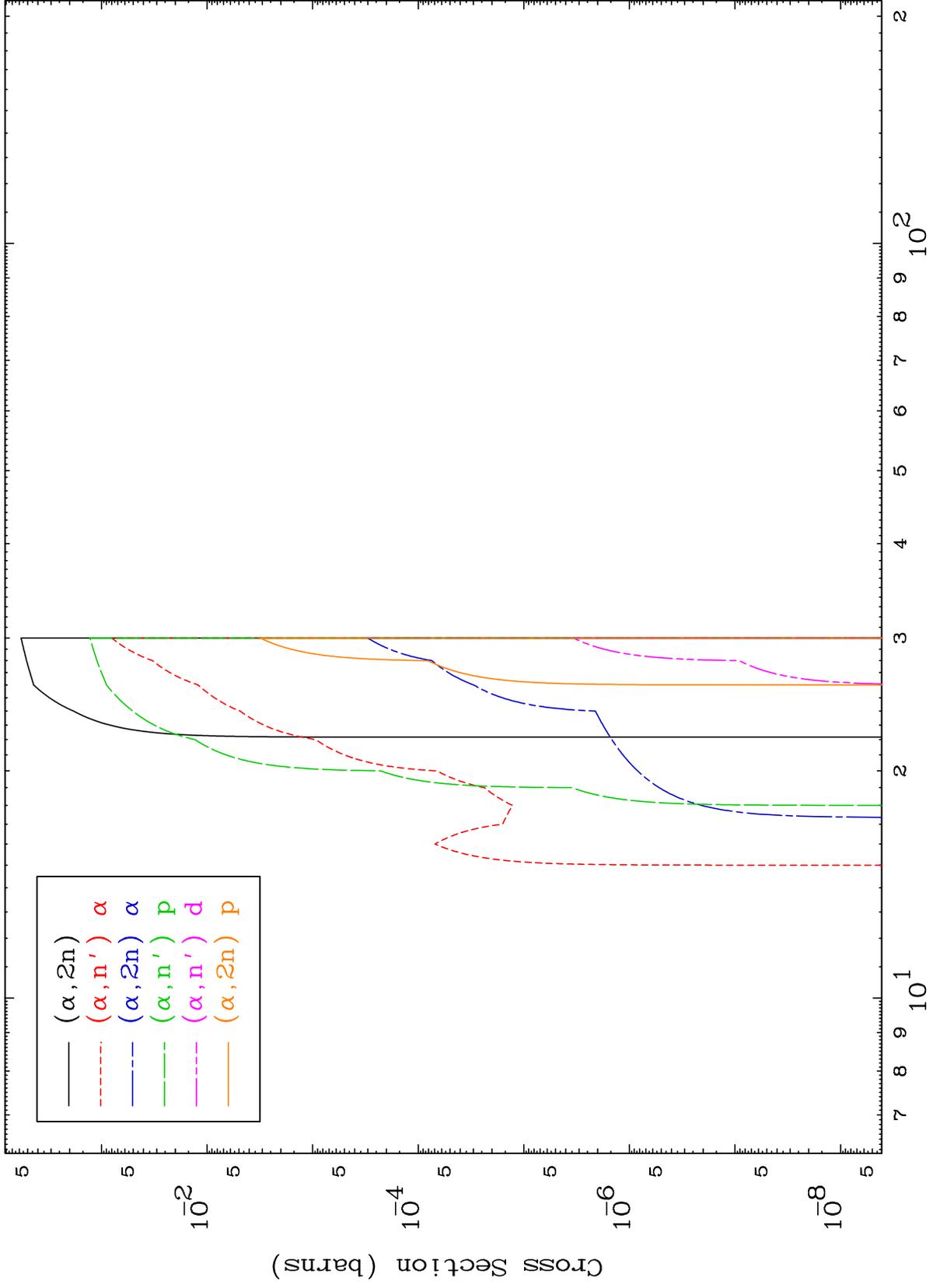


α Inelastic
(α , remainder)
(α , γ)

MAT 6495

α Neutron Production
0 Kelvin Cross Sections

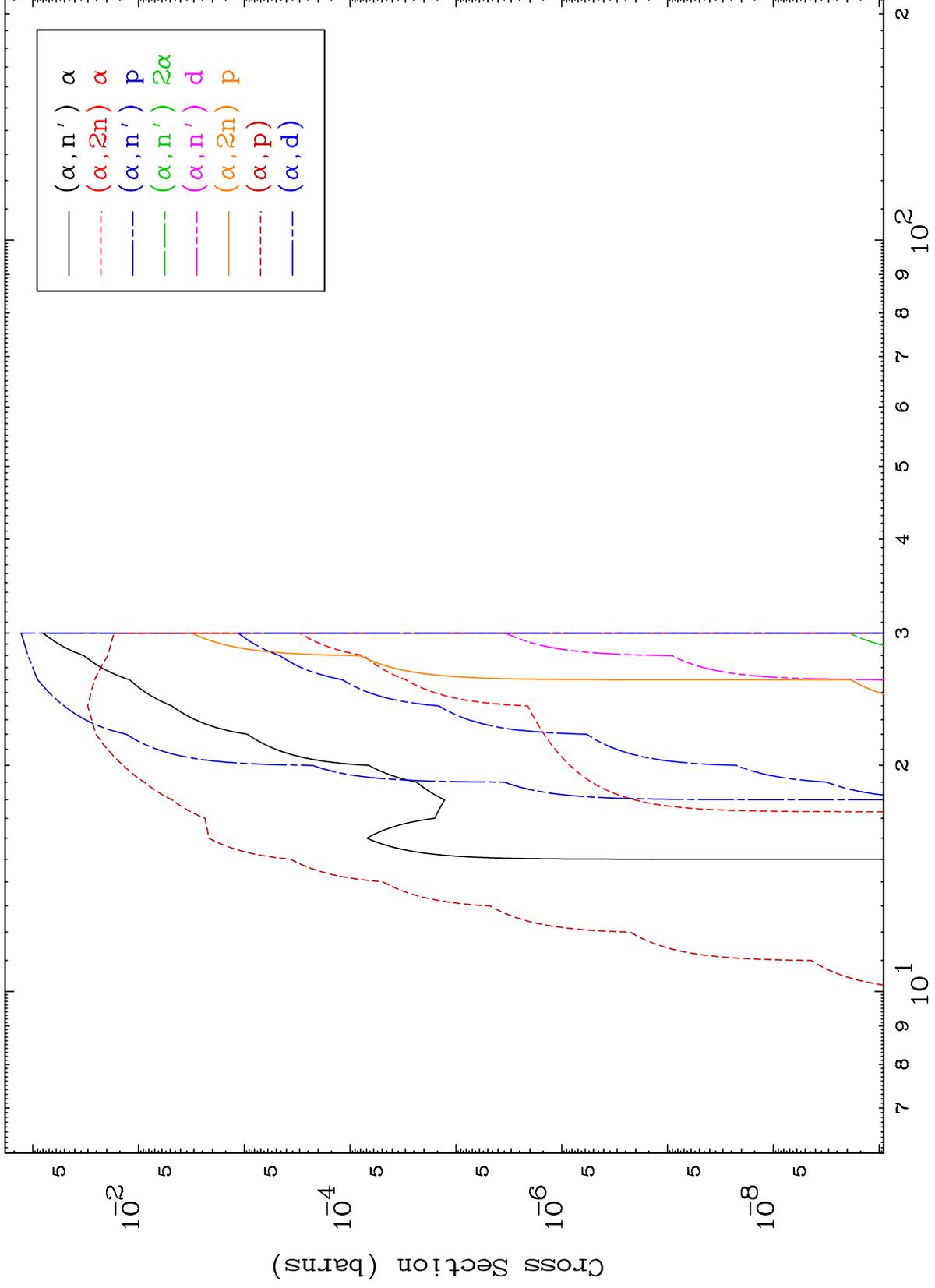
65-Tb-149



2

Incident Energy (MeV)

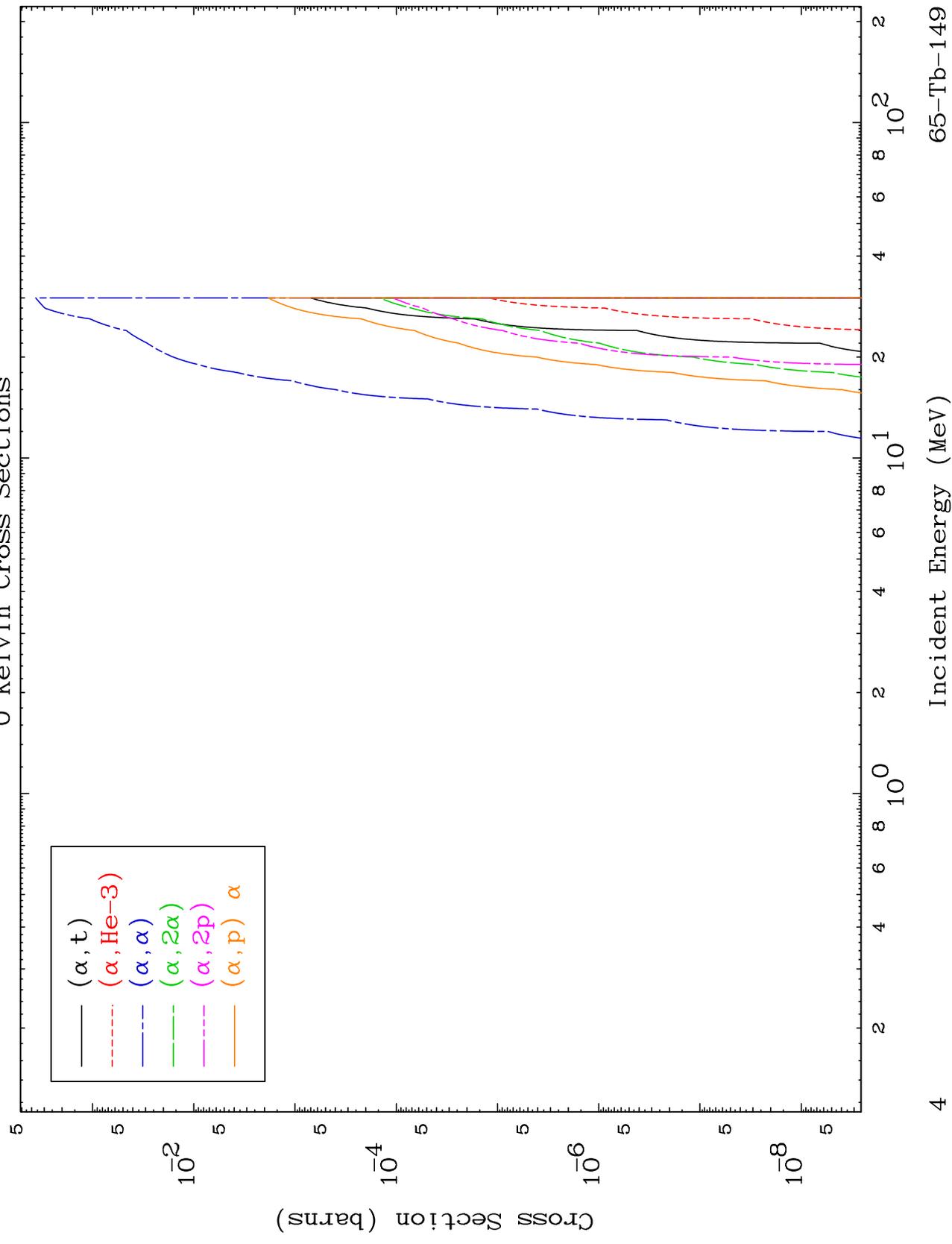
65-Tb-149



MAT 6495

α Charged Particle
0 Kelvin Cross Sections

65-Tb-149

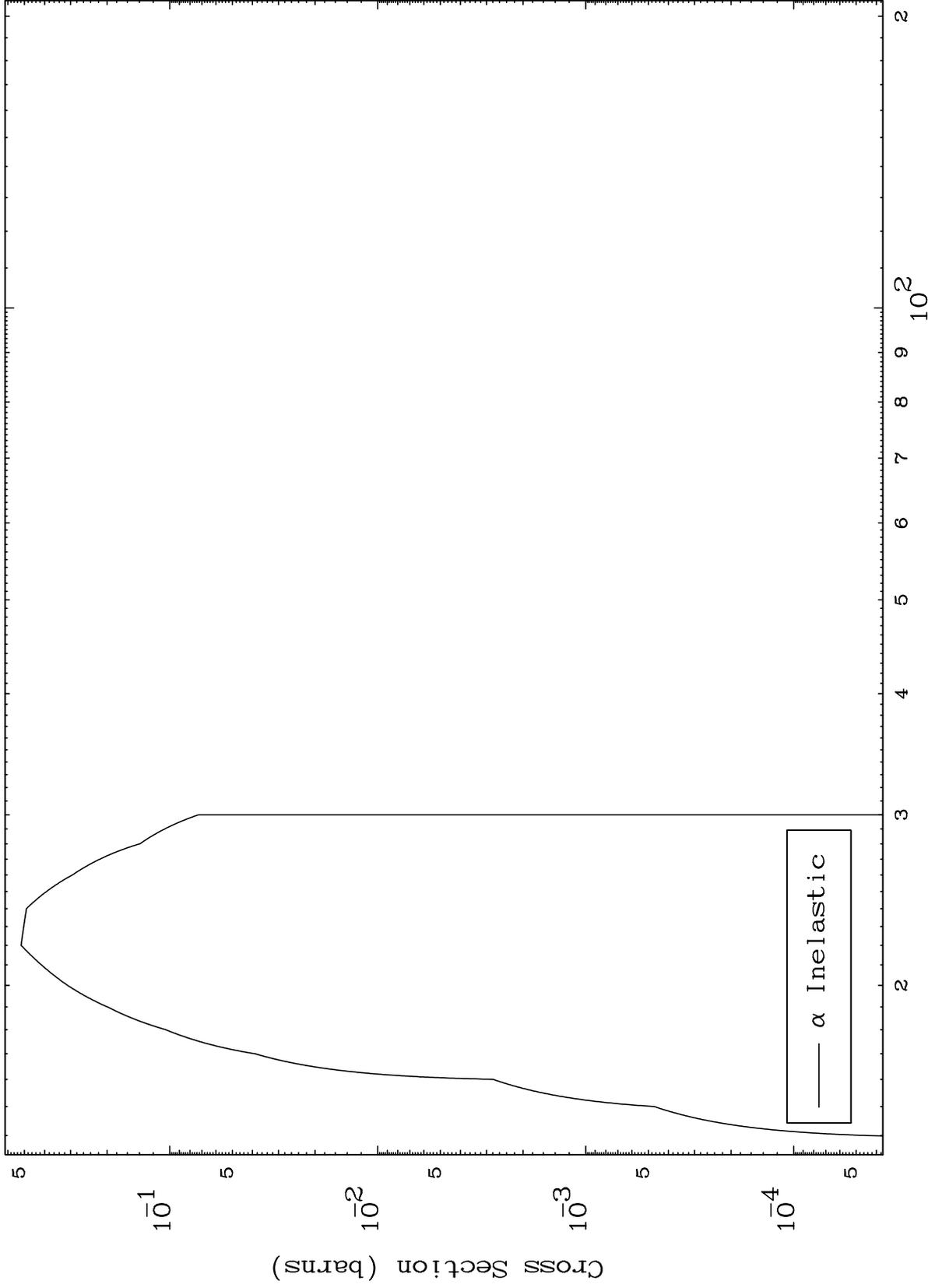


MAT 6495

(α, n') Level

65-Tb-149

0 Kelvin Cross Sections



5

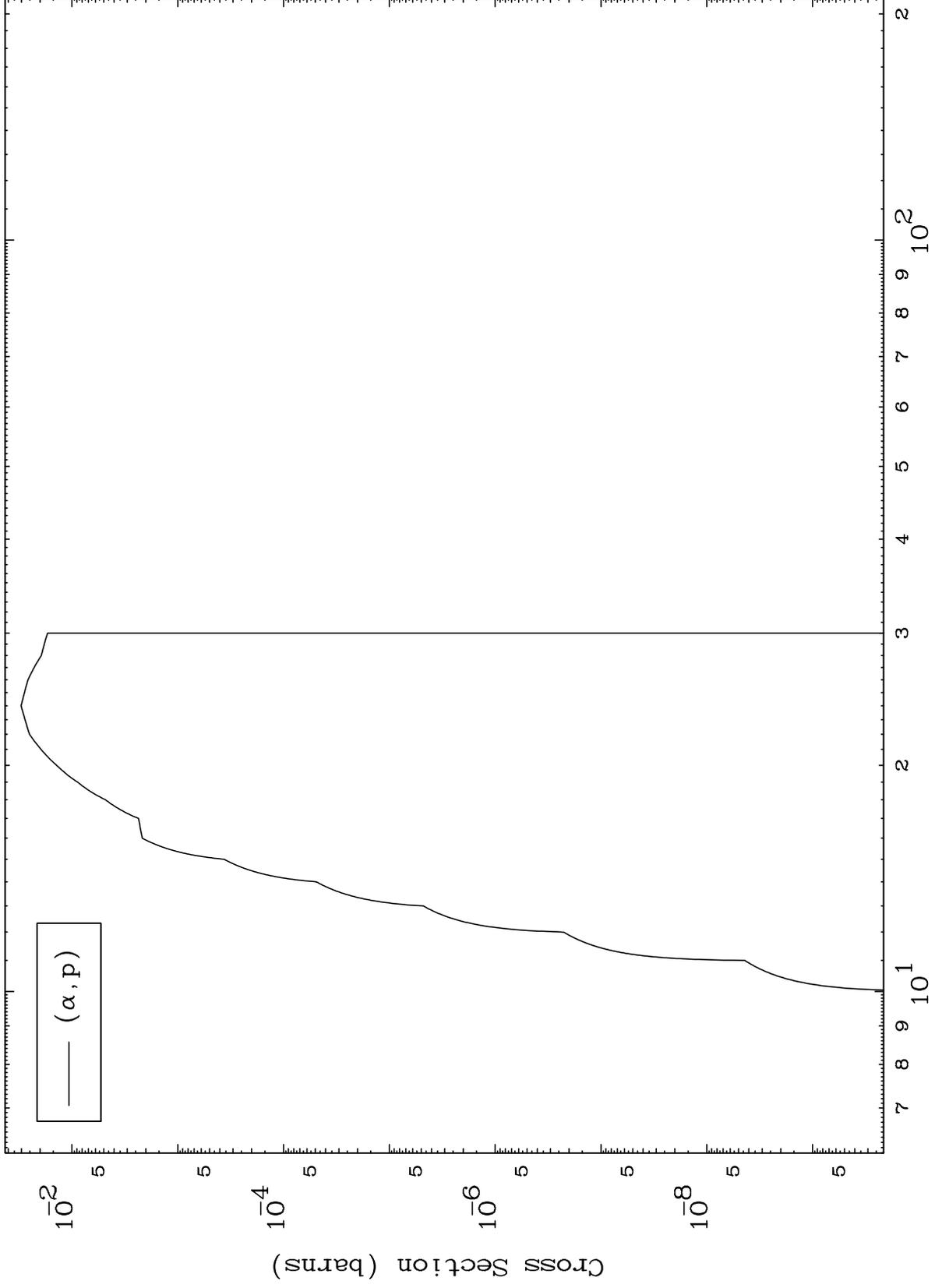
Incident Energy (MeV)

65-Tb-149

MAT 6495

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-149



6

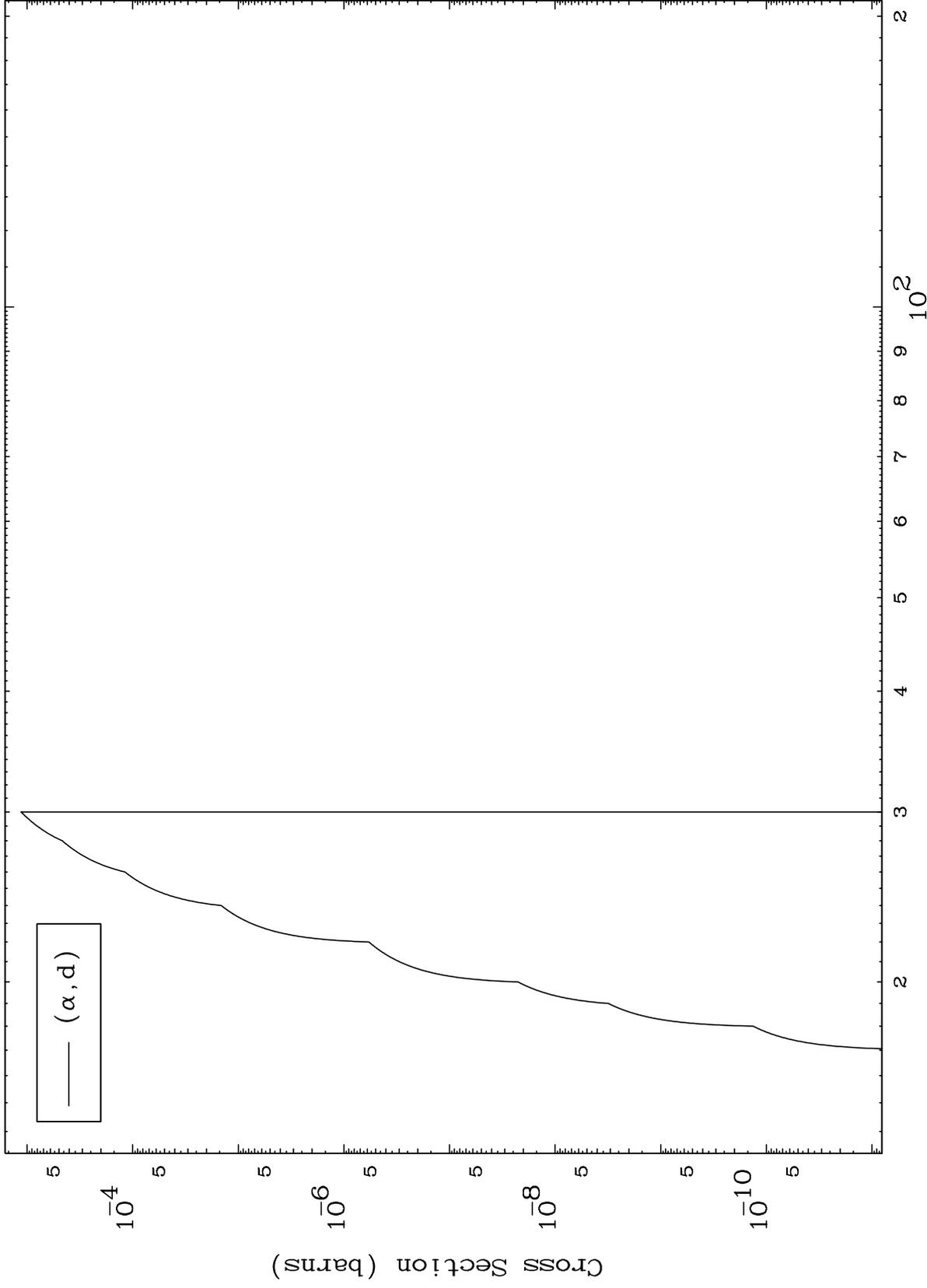
Incident Energy (MeV)

65-Tb-149

MAT 6495

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-149



7

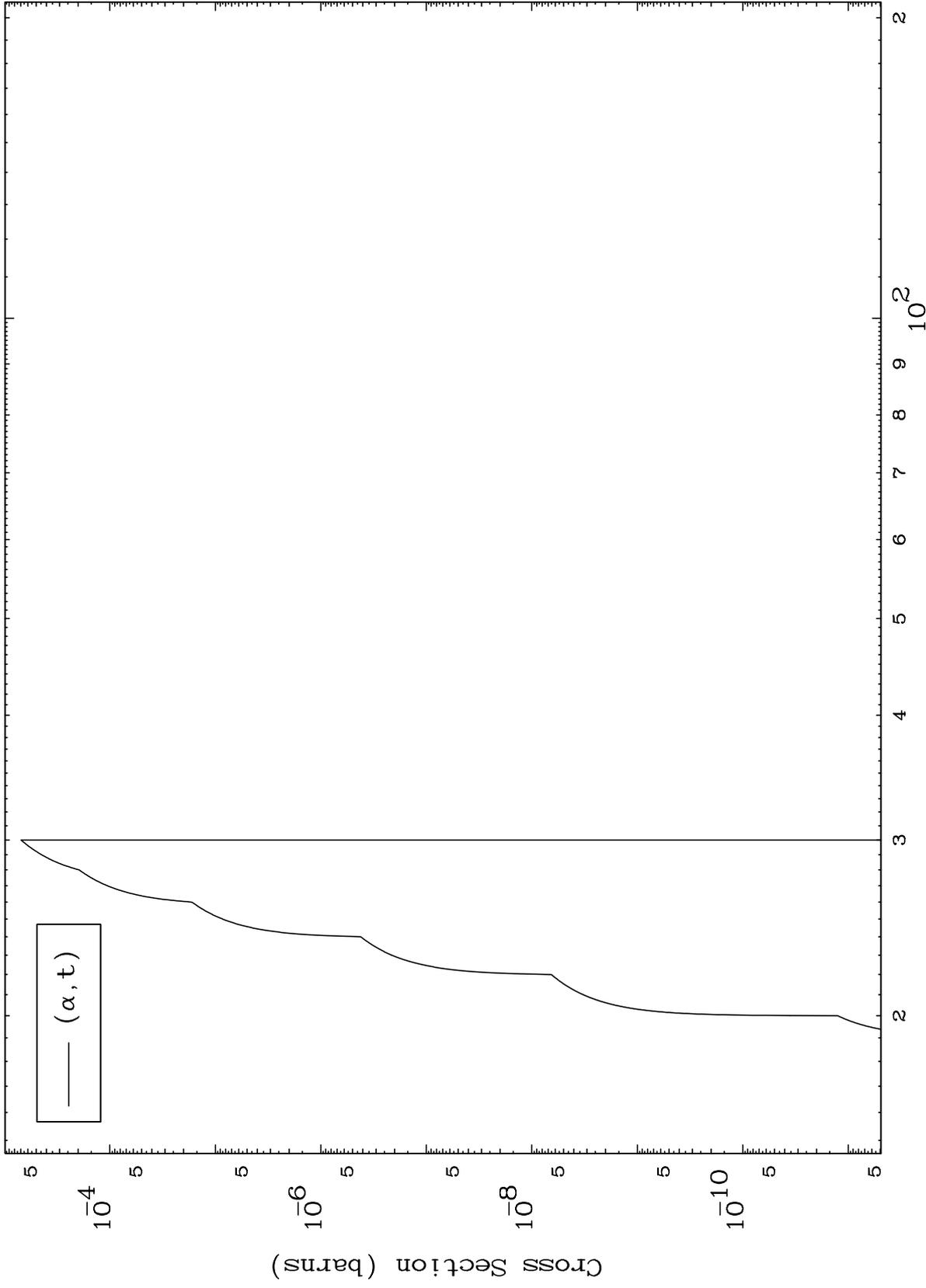
Incident Energy (MeV)

65-Tb-149

MAT 6495

(α, t) Levels
0 Kelvin Cross Sections

65-Tb-149



8

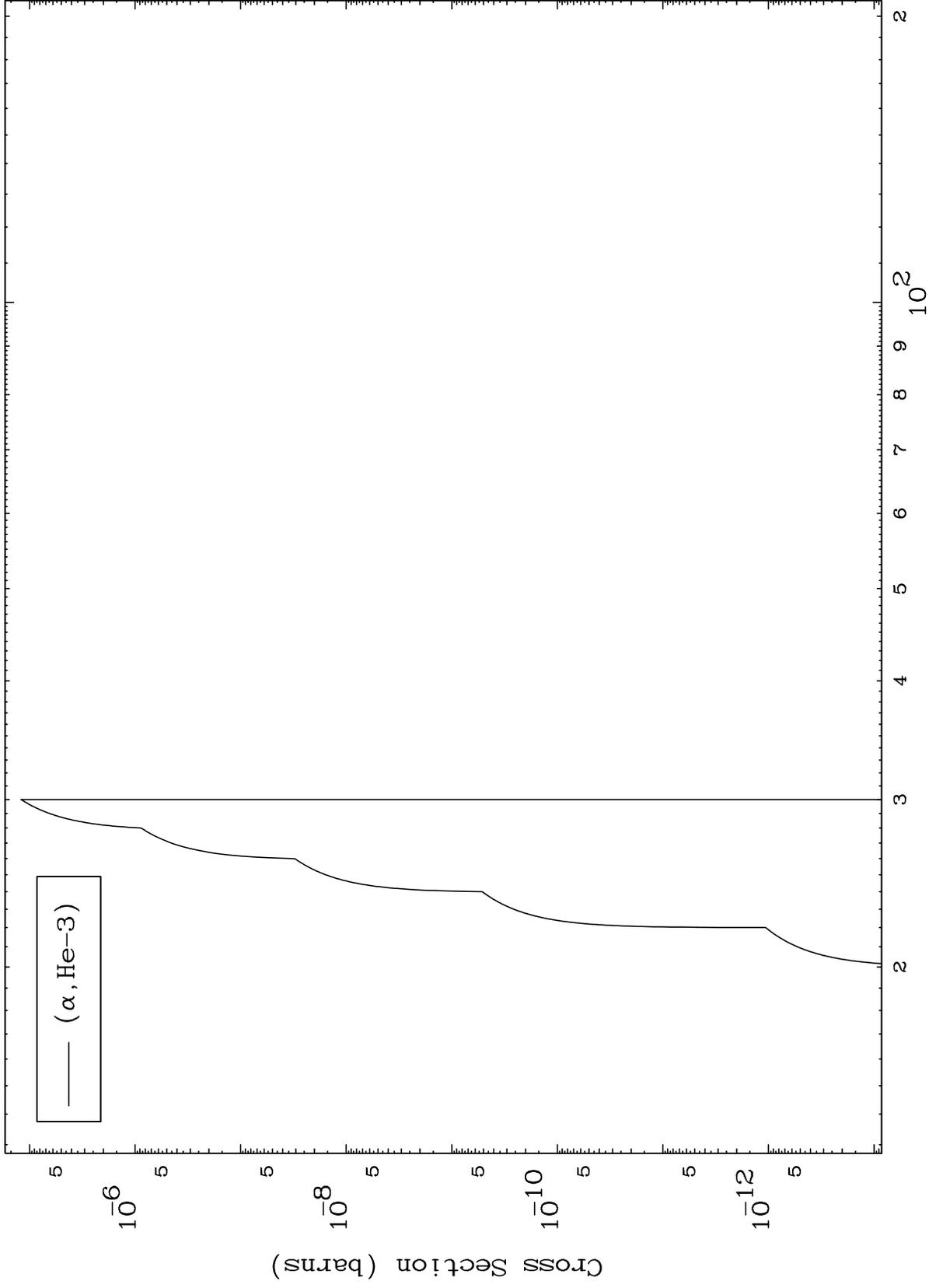
Incident Energy (MeV)

65-Tb-149

MAT 6495

(α , He3) Levels
0 Kelvin Cross Sections

65-Tb-149



9

Incident Energy (MeV)

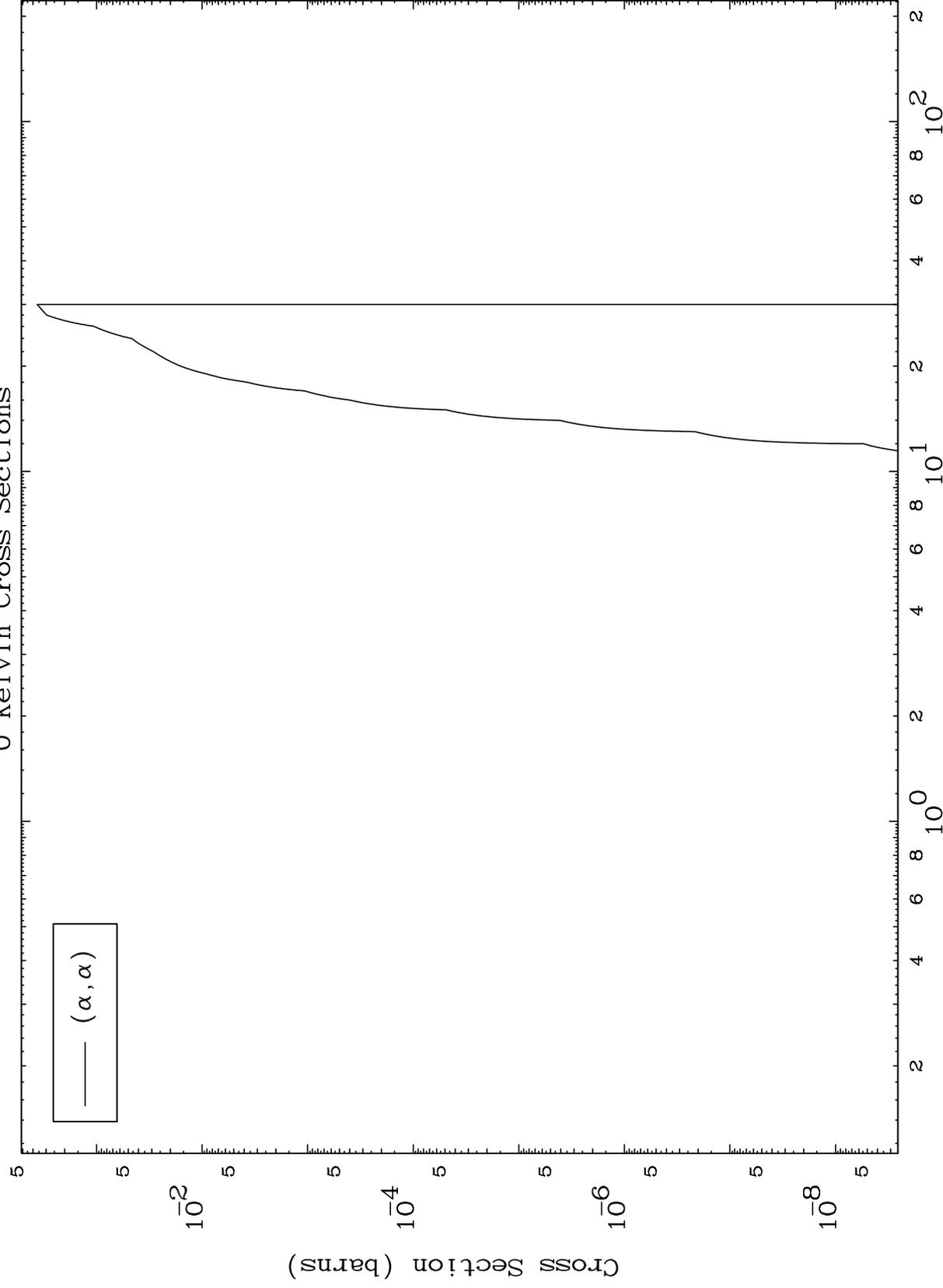
65-Tb-149

MAT 6495

(α, α) Levels

65-Tb-149

0 Kelvin Cross Sections



10

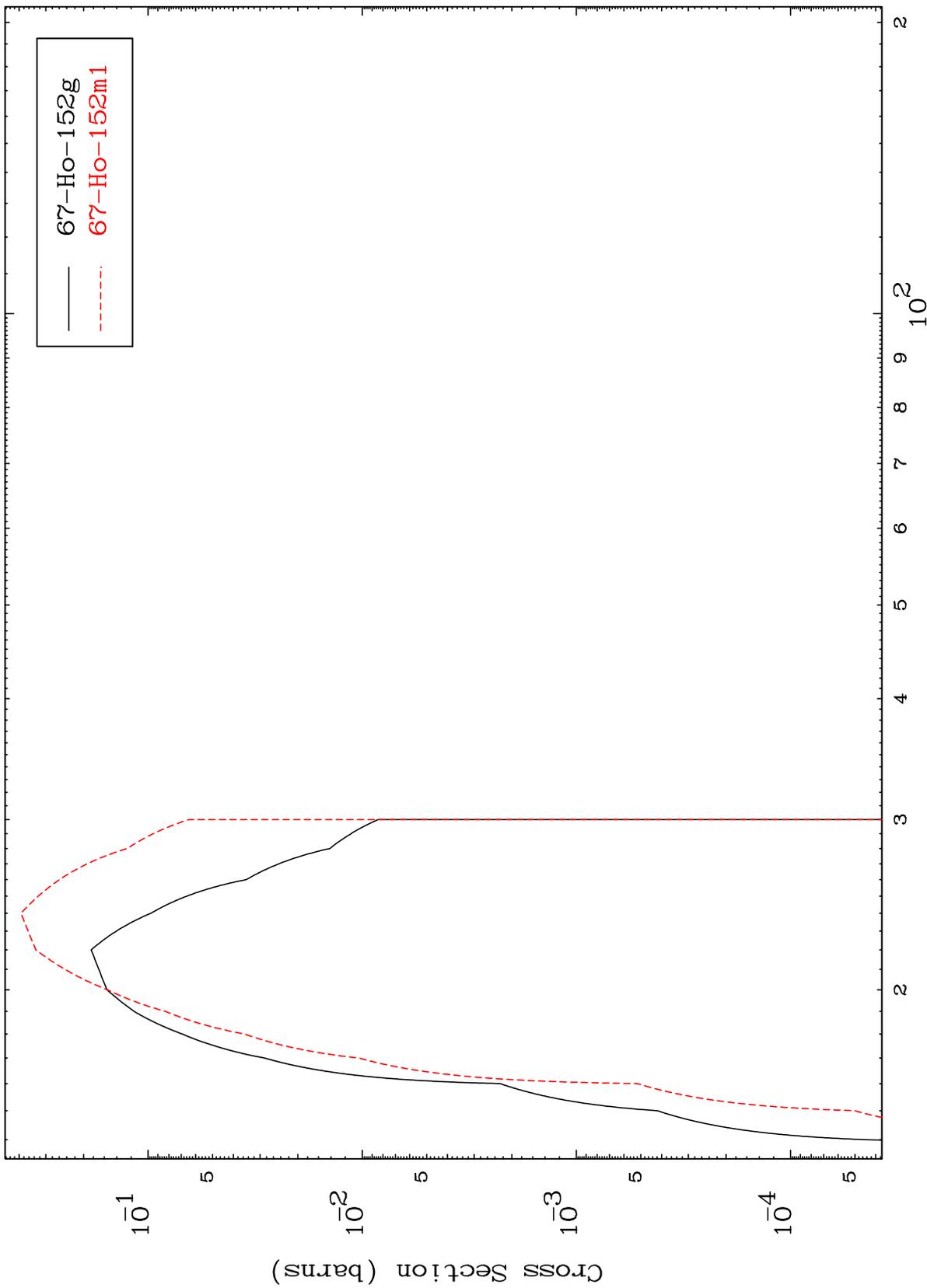
Incident Energy (MeV)

65-Tb-149

MAT 6495

65-Tb-149

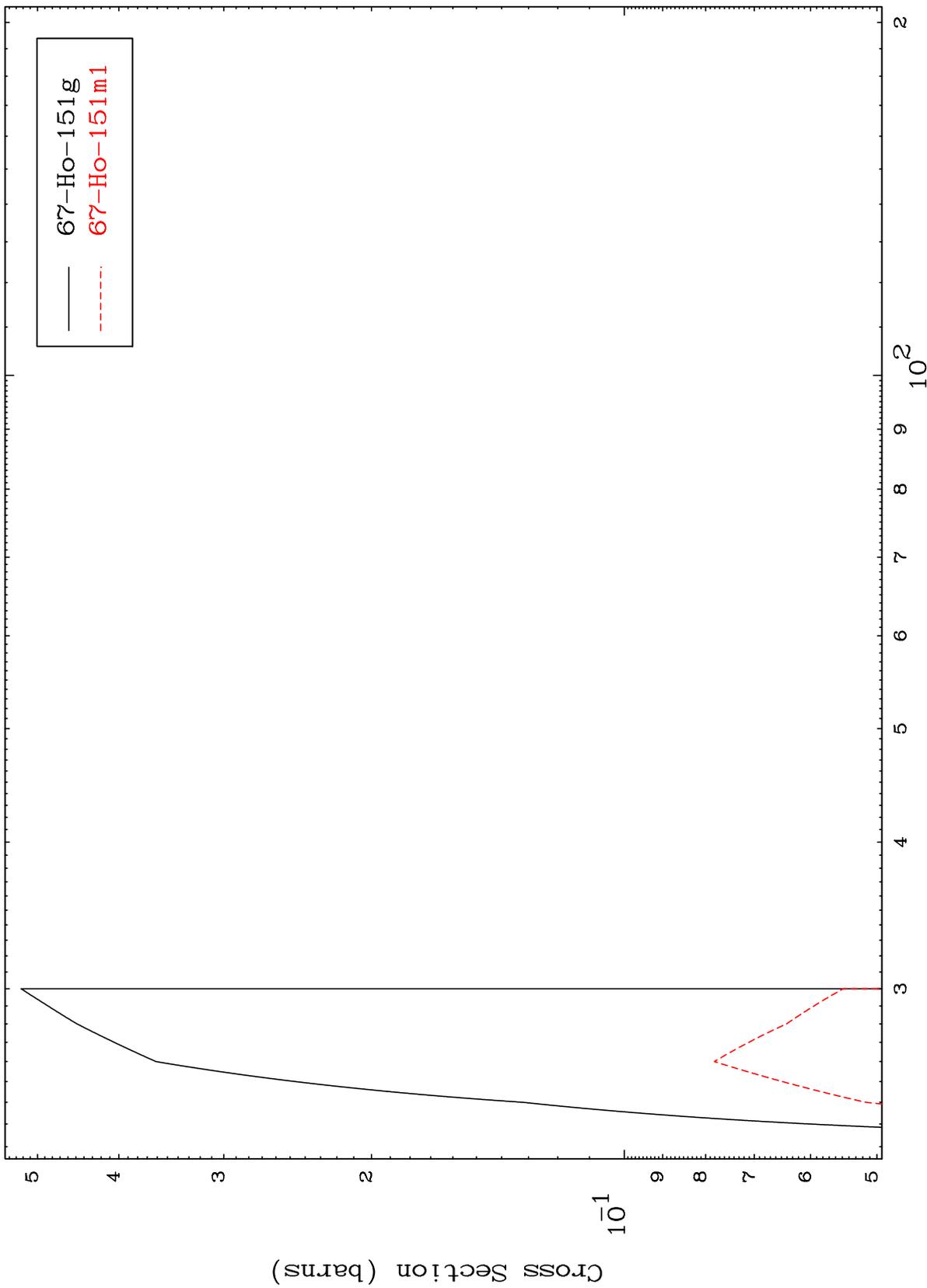
Radionuclide Production Cross Section
 α Inelastic



MAT 6495

65-Tb-149

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



65-Tb-149

Incident Energy (MeV)

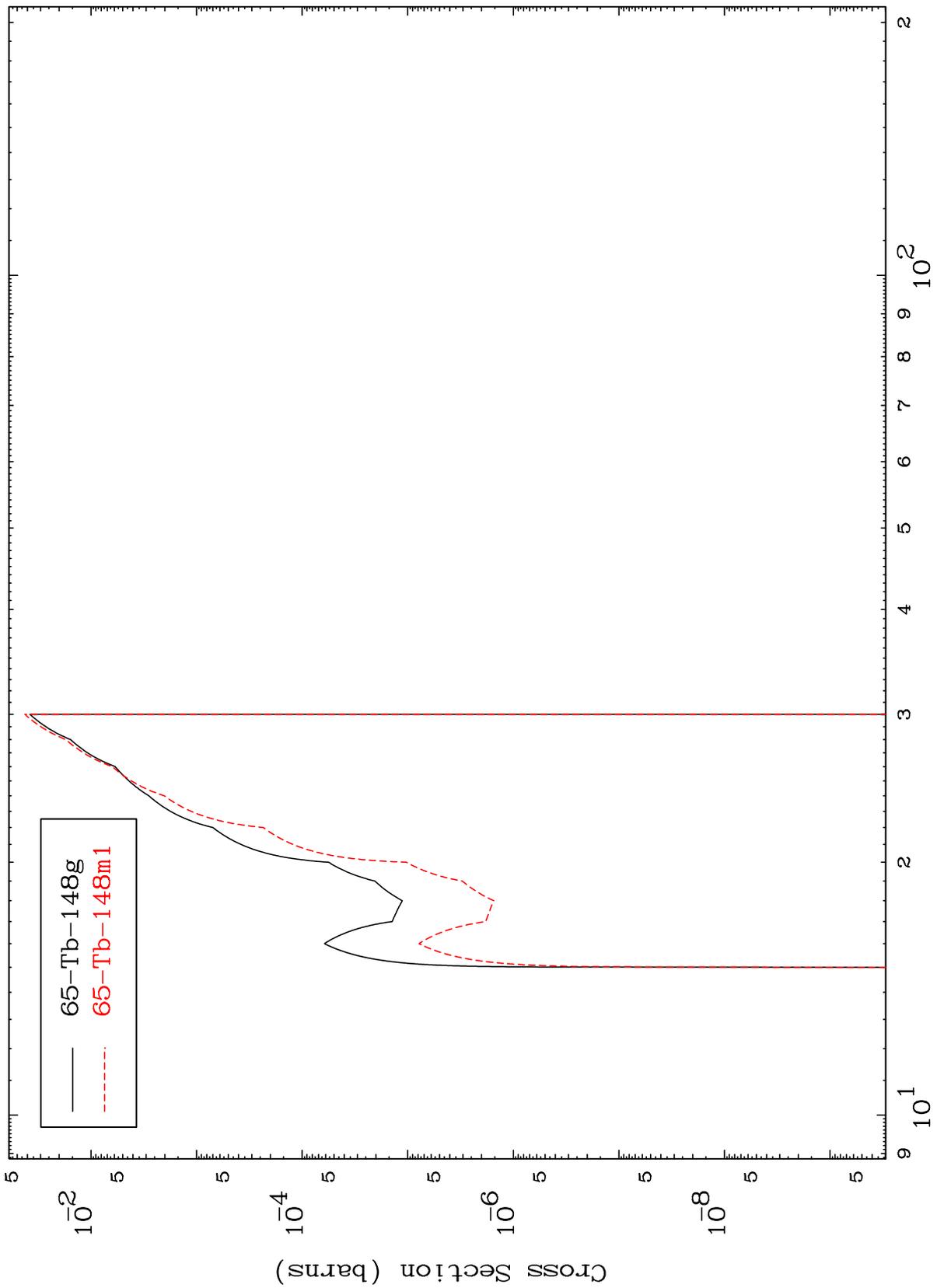
12

MAT 6495

(α, n') α

65-Tb-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

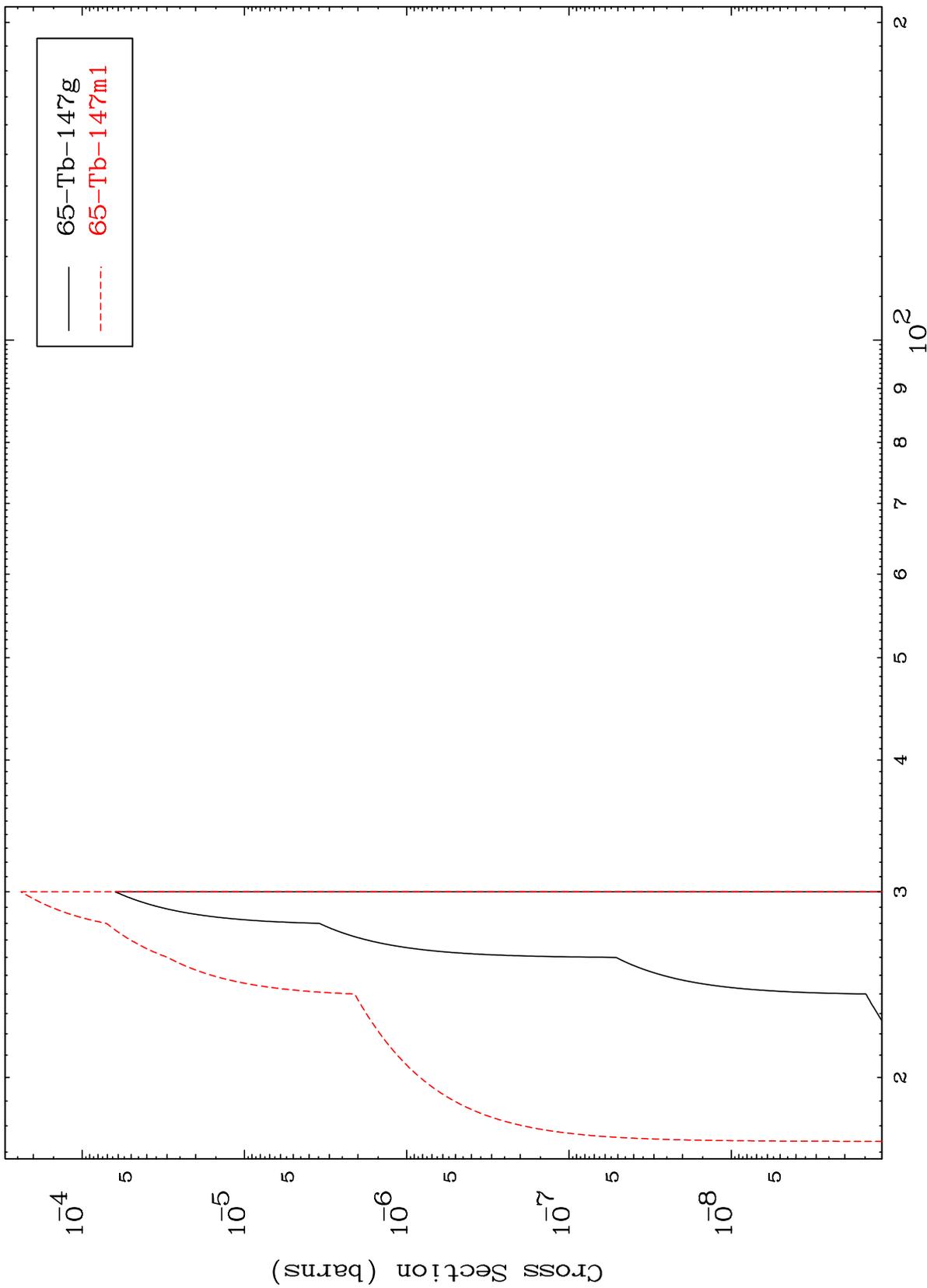
65-Tb-149

MAT 6495

$(\alpha, 2n)$ α

65-Tb-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

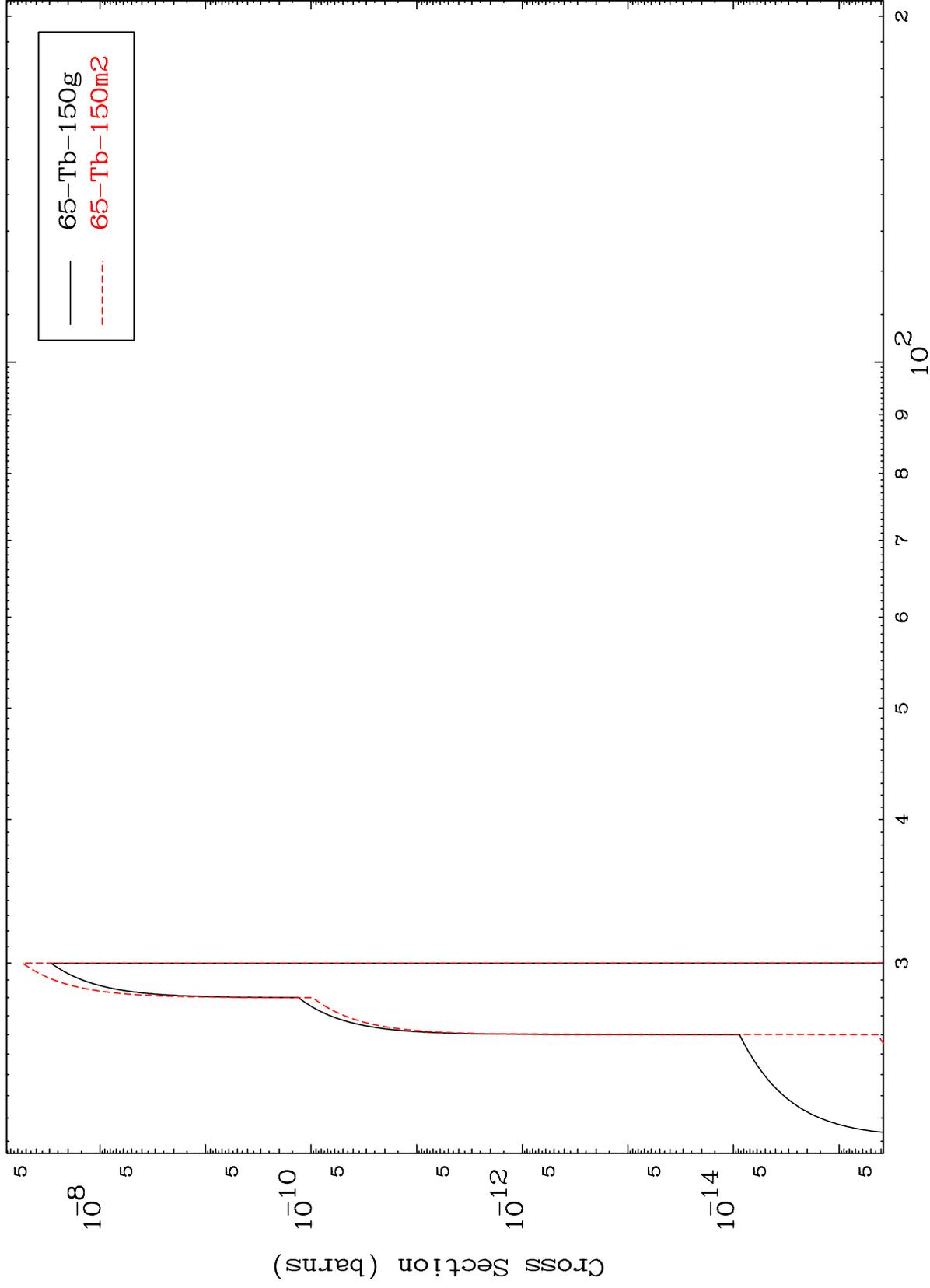
65-Tb-149

MAT 6495

$(\alpha, 2n)$ p

65-Tb-149

Radionuclide Production Cross Section



15

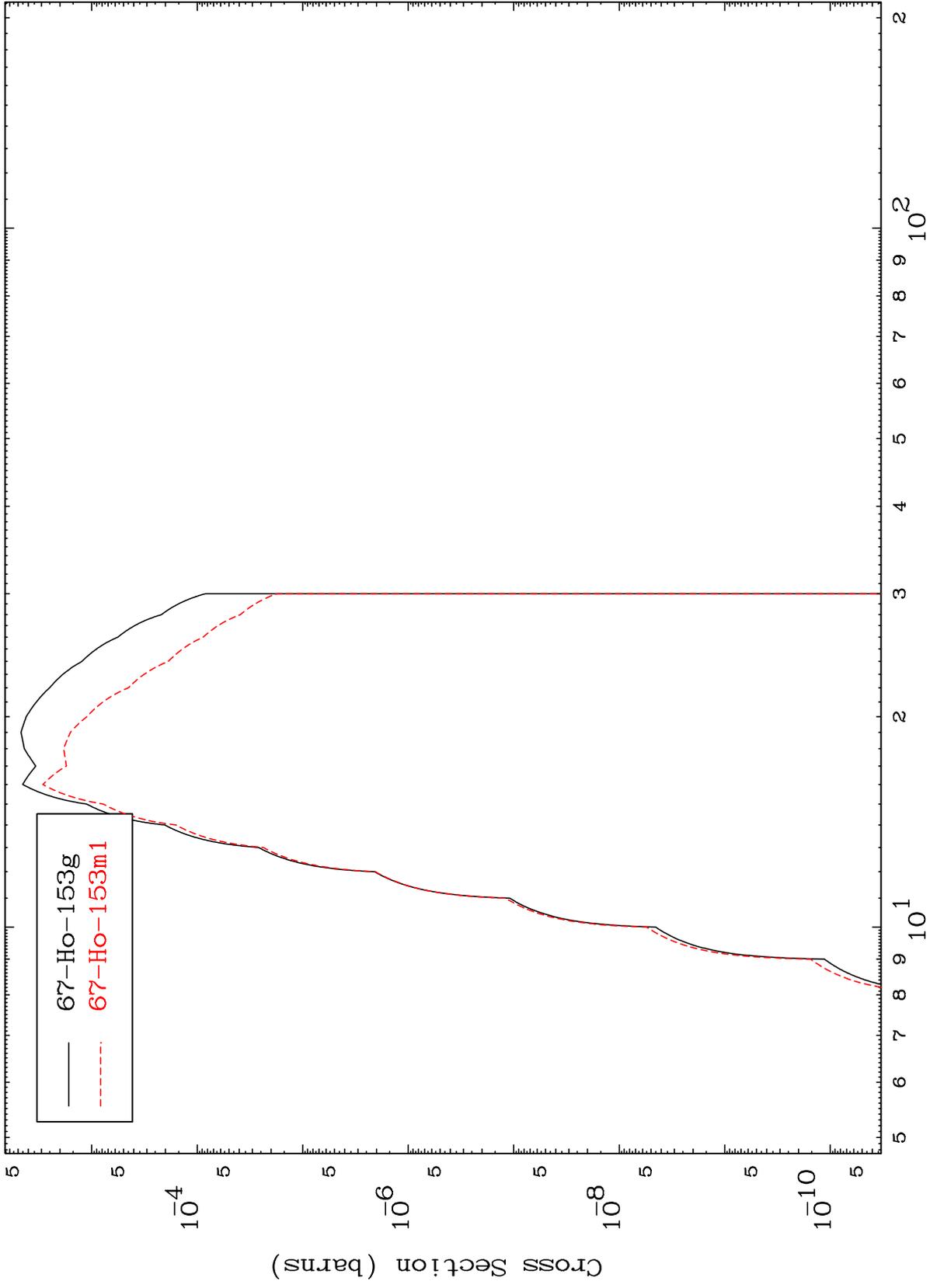
Incident Energy (MeV)

65-Tb-149

MAT 6495

65-Tb-149

(α, γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

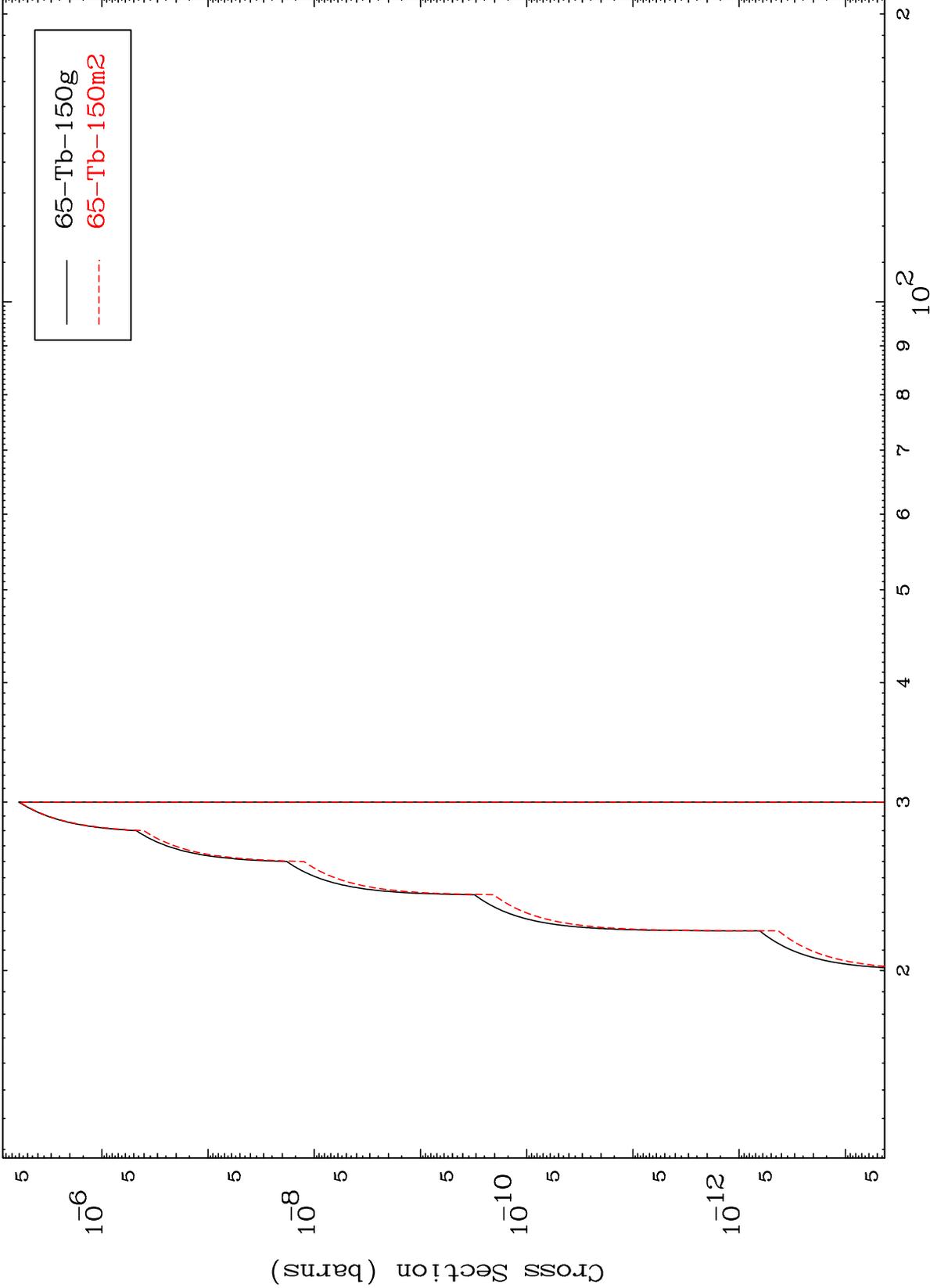
65-Tb-149

MAT 6495

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

65-Tb-149

Radionuclide Production Cross Section

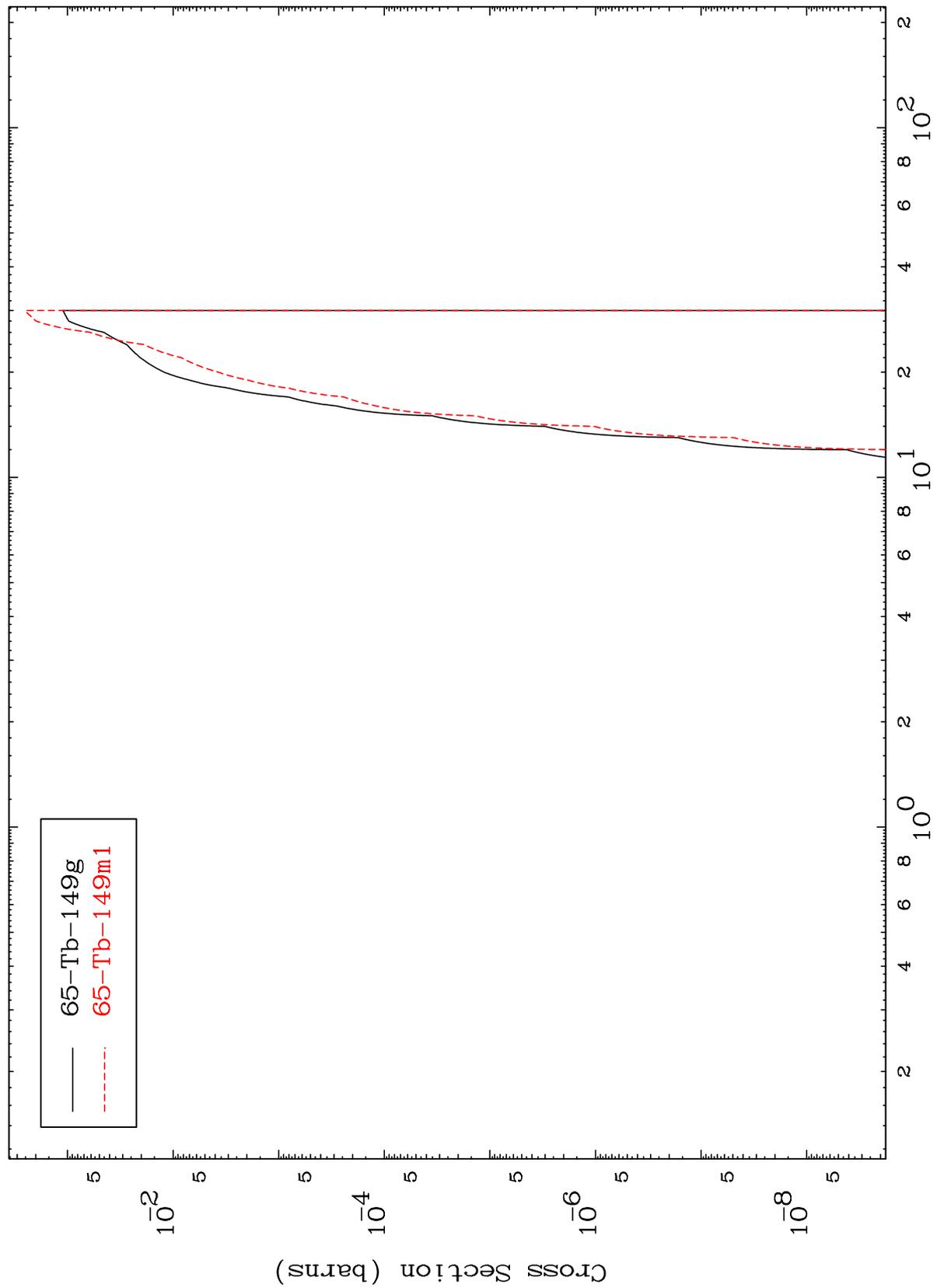


MAT 6495

65-Tb-149

(α, α)

Radionuclide Production Cross Section



65-Tb-149g
65-Tb-149m1

65-Tb-149

Incident Energy (MeV)

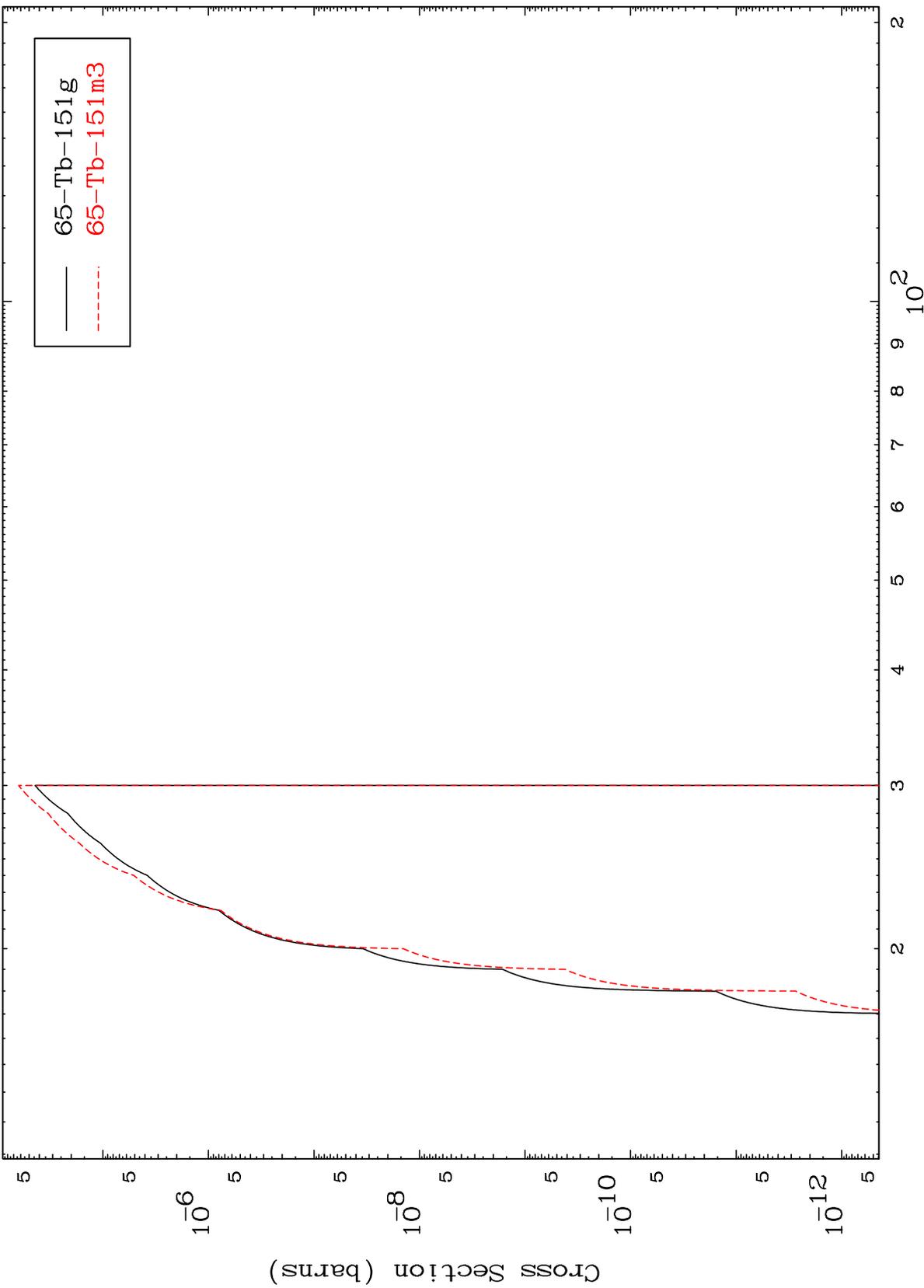
18

MAT 6495

65-Tb-149

($\alpha, 2p$)

Radionuclide Production Cross Section



19

Incident Energy (MeV)

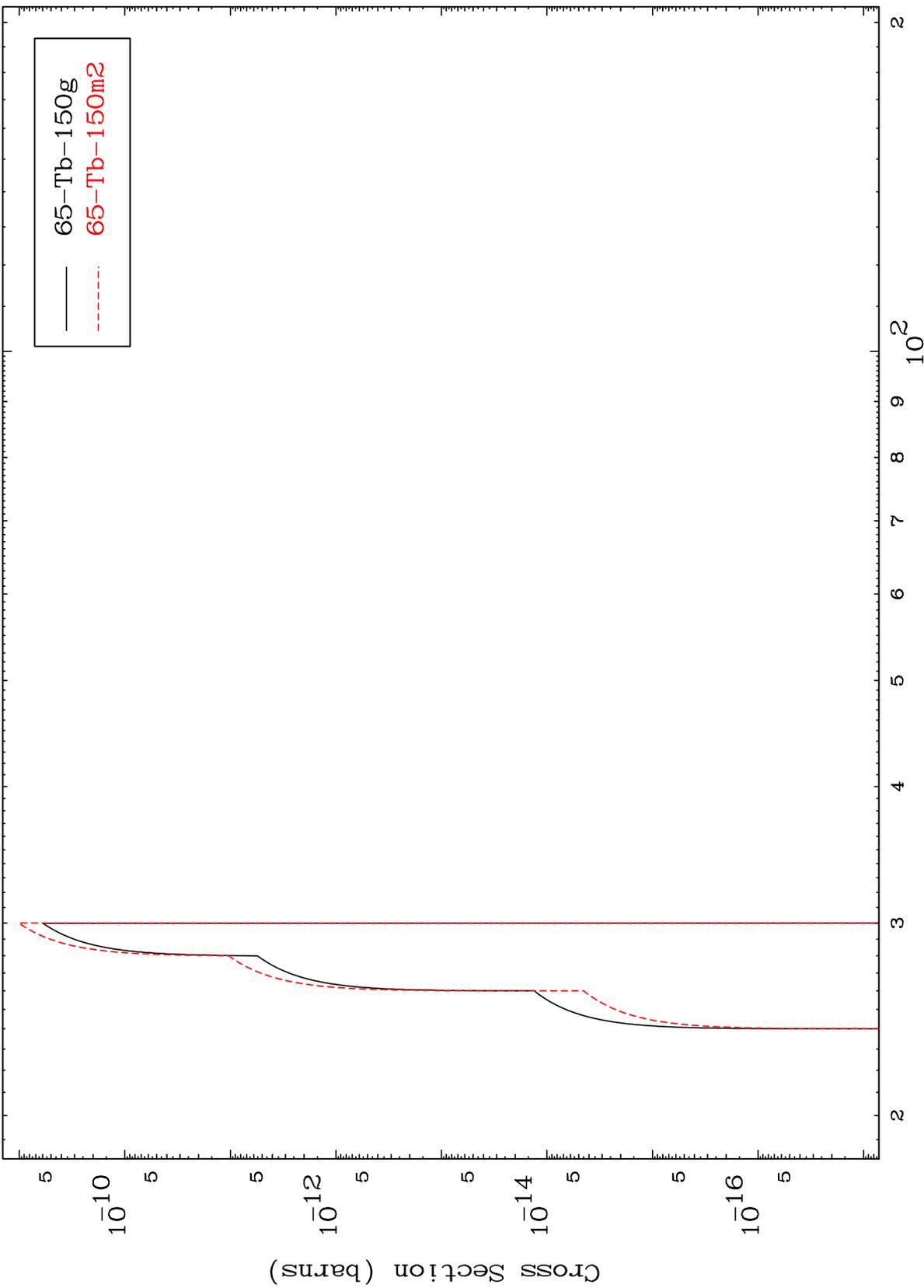
65-Tb-149

MAT 6495

(α, p) d

65-Tb-149

Radionuclide Production Cross Section



20

Incident Energy (MeV)

65-Tb-149