

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

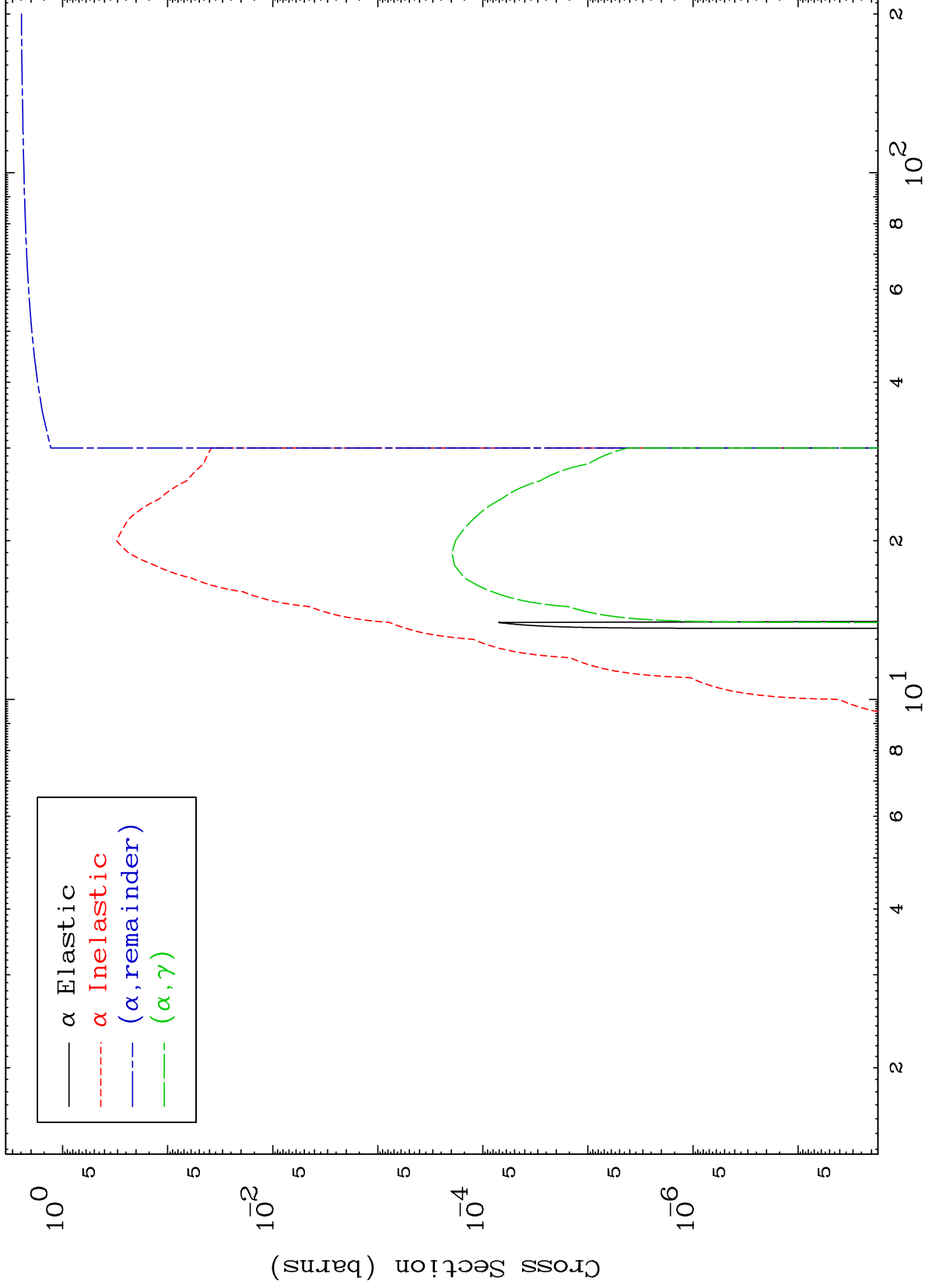
Press Mouse Button to Start

MAT 6511

α Major

65-Tb-154

0 Kelvin Cross Sections



1

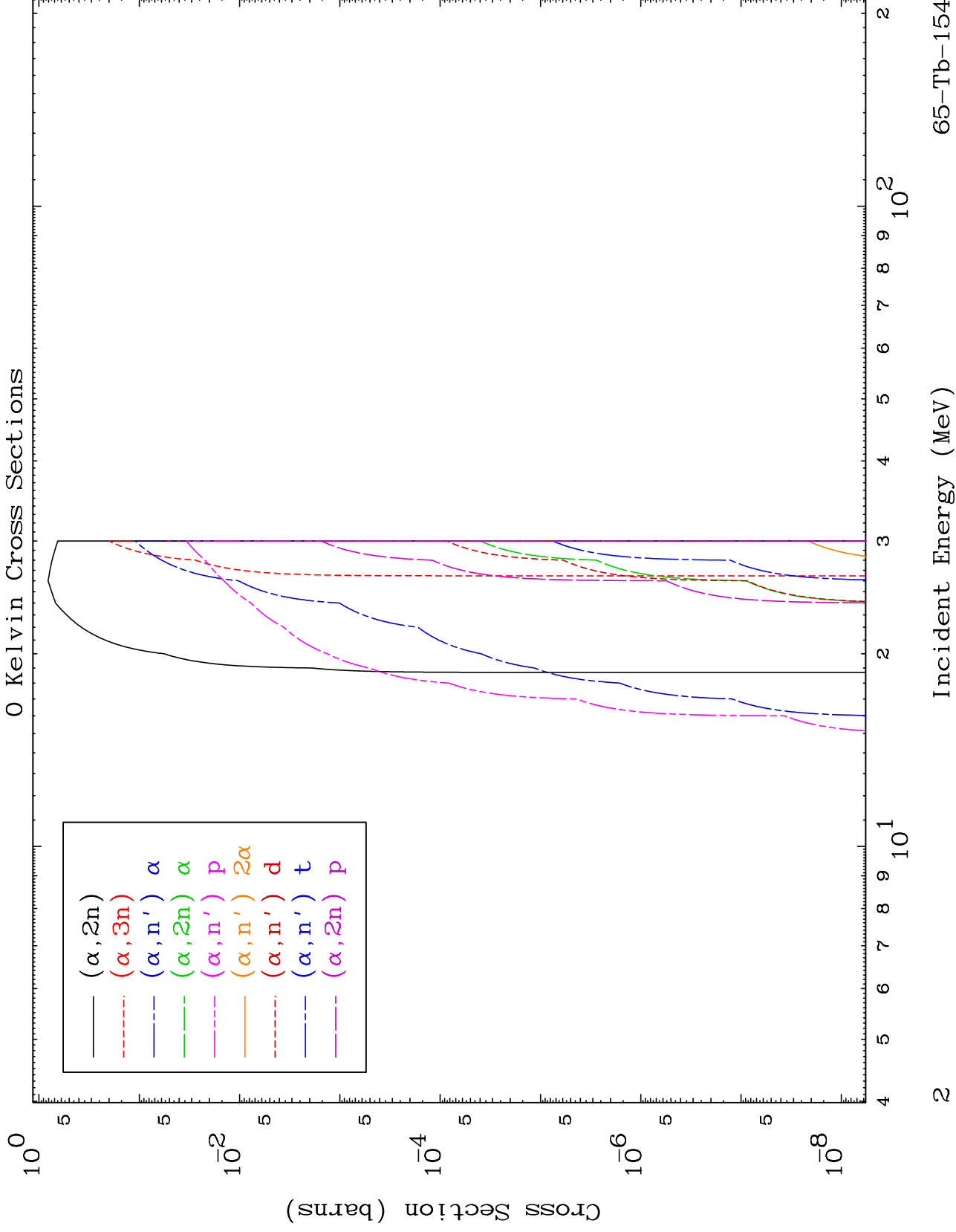
Incident Energy (MeV)

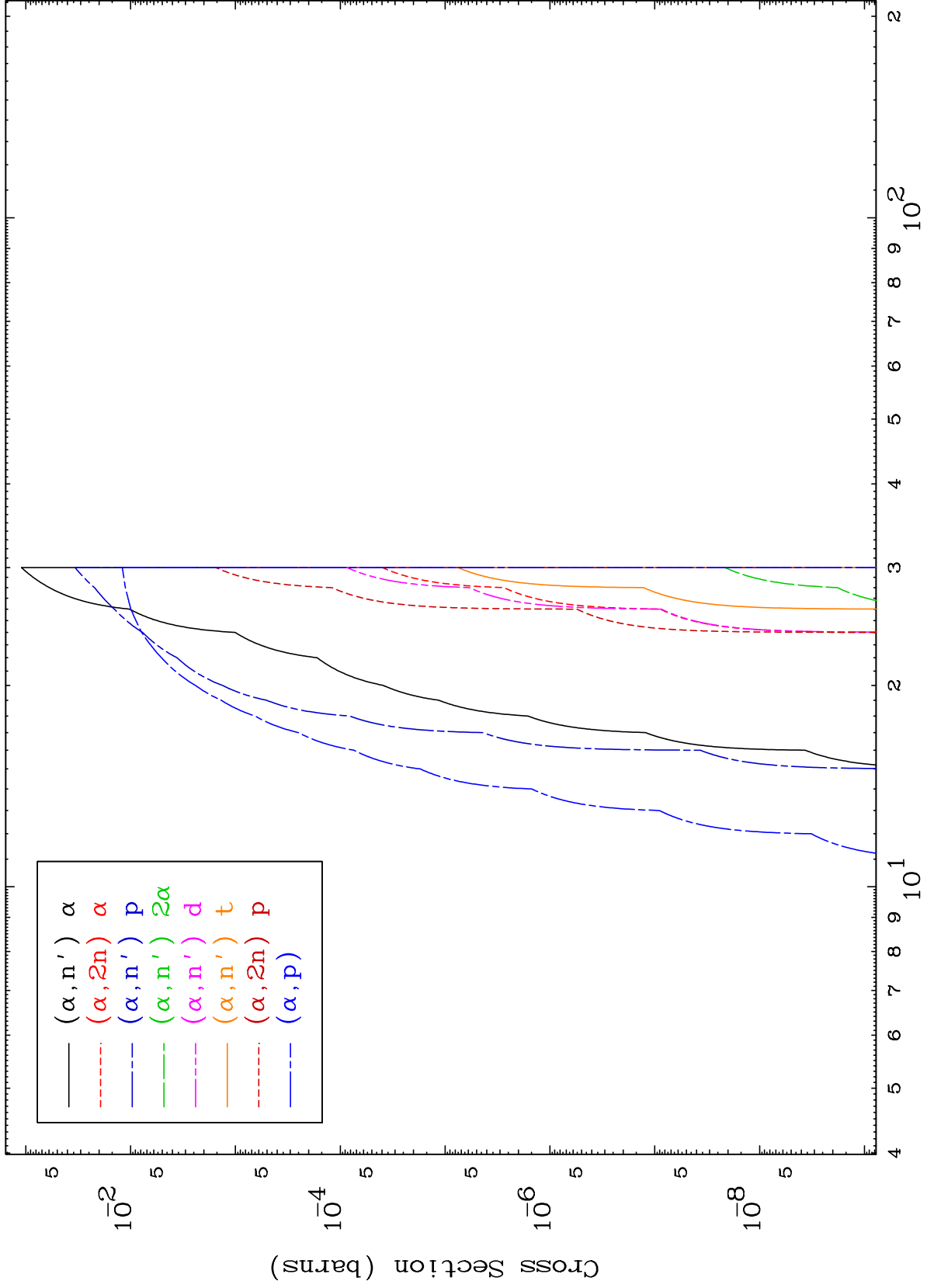
65-Tb-154

MAT 65111

α Neutron Production
0 Kelvin Cross Sections

65-Tb-154

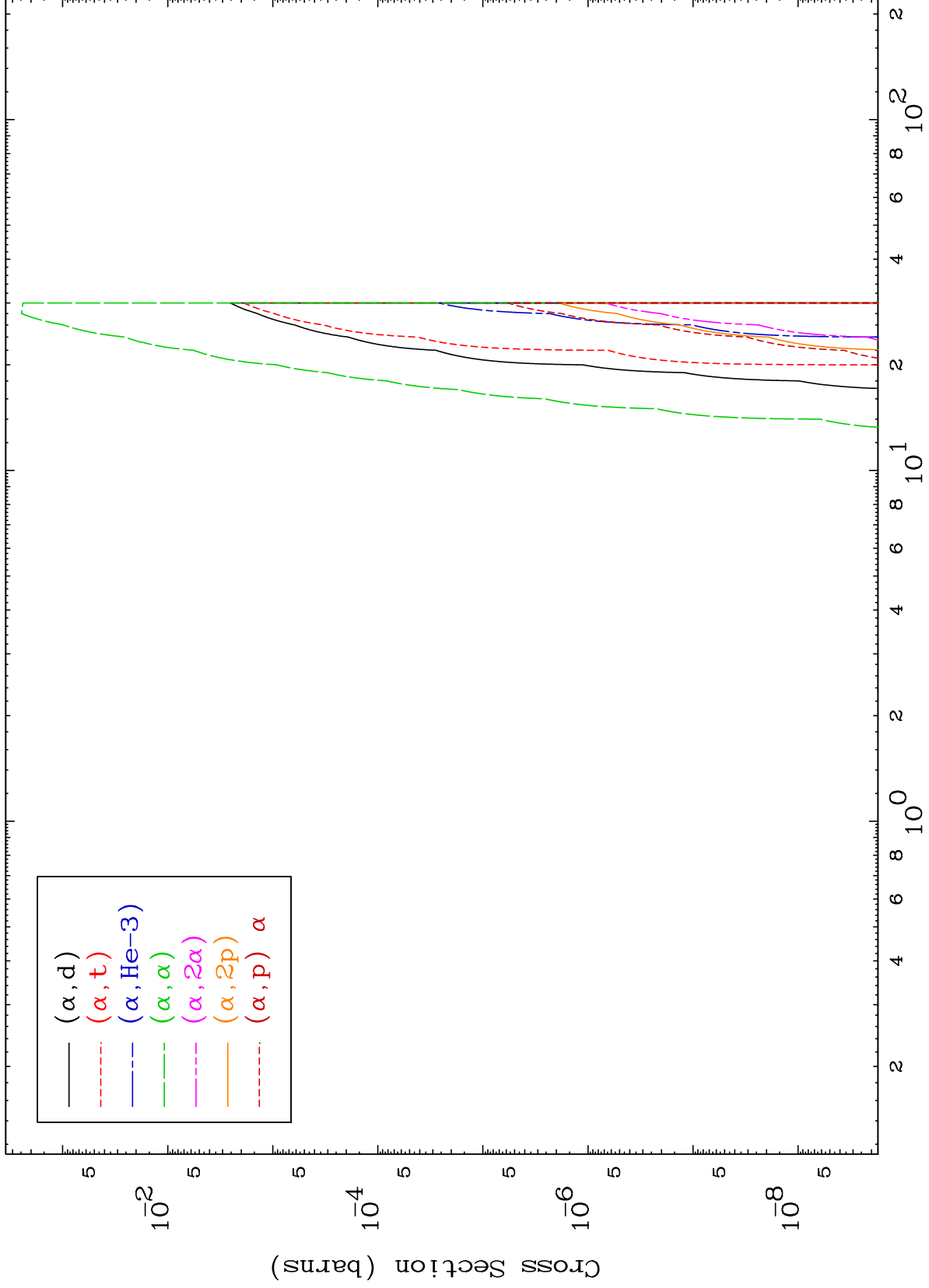




MAT 6511

α Charged Particle
0 Kelvin Cross Sections

65-Tb-154

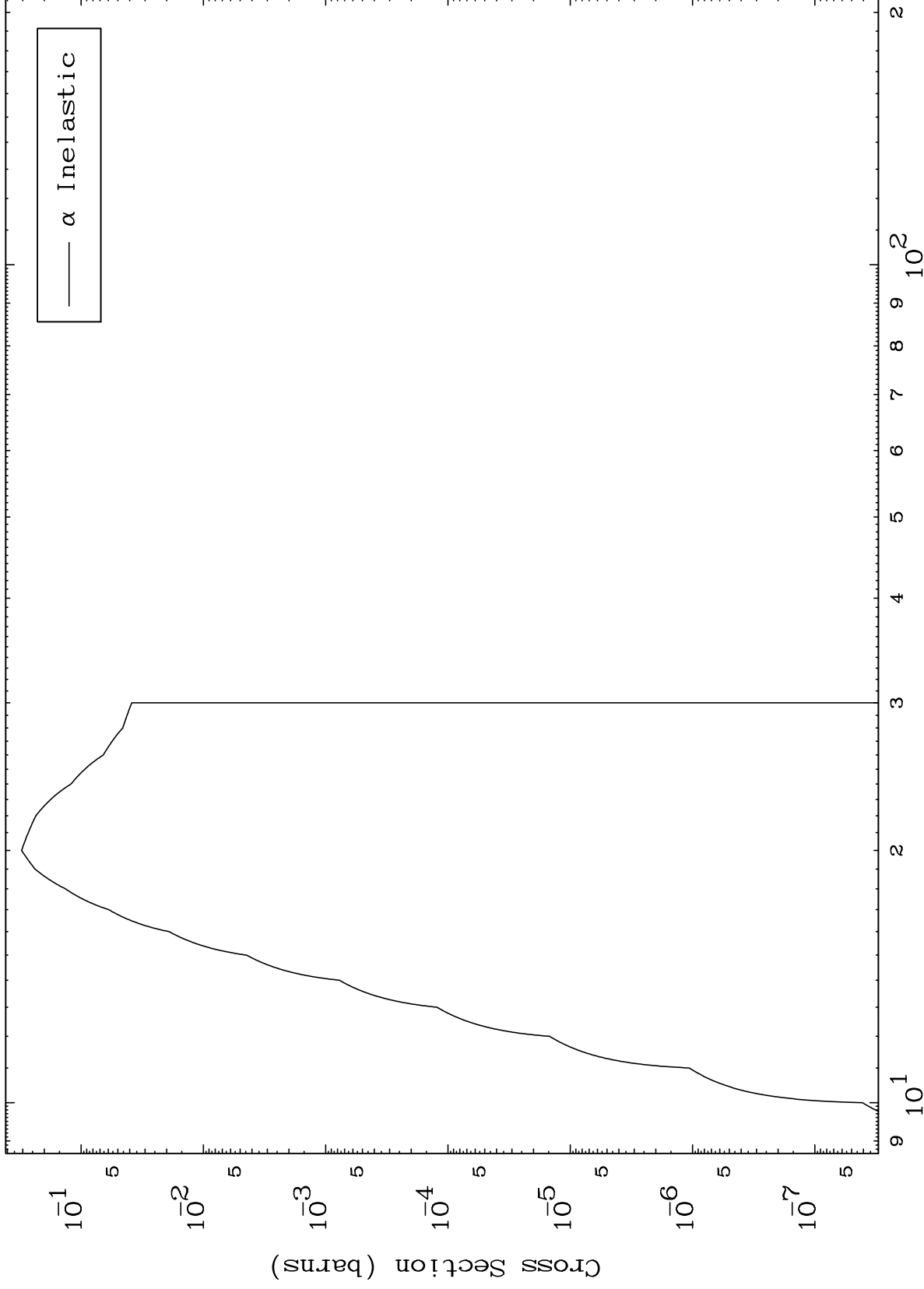


MAT 65111

(α, n') Level

65-Tb-154

0 Kelvin Cross Sections



5

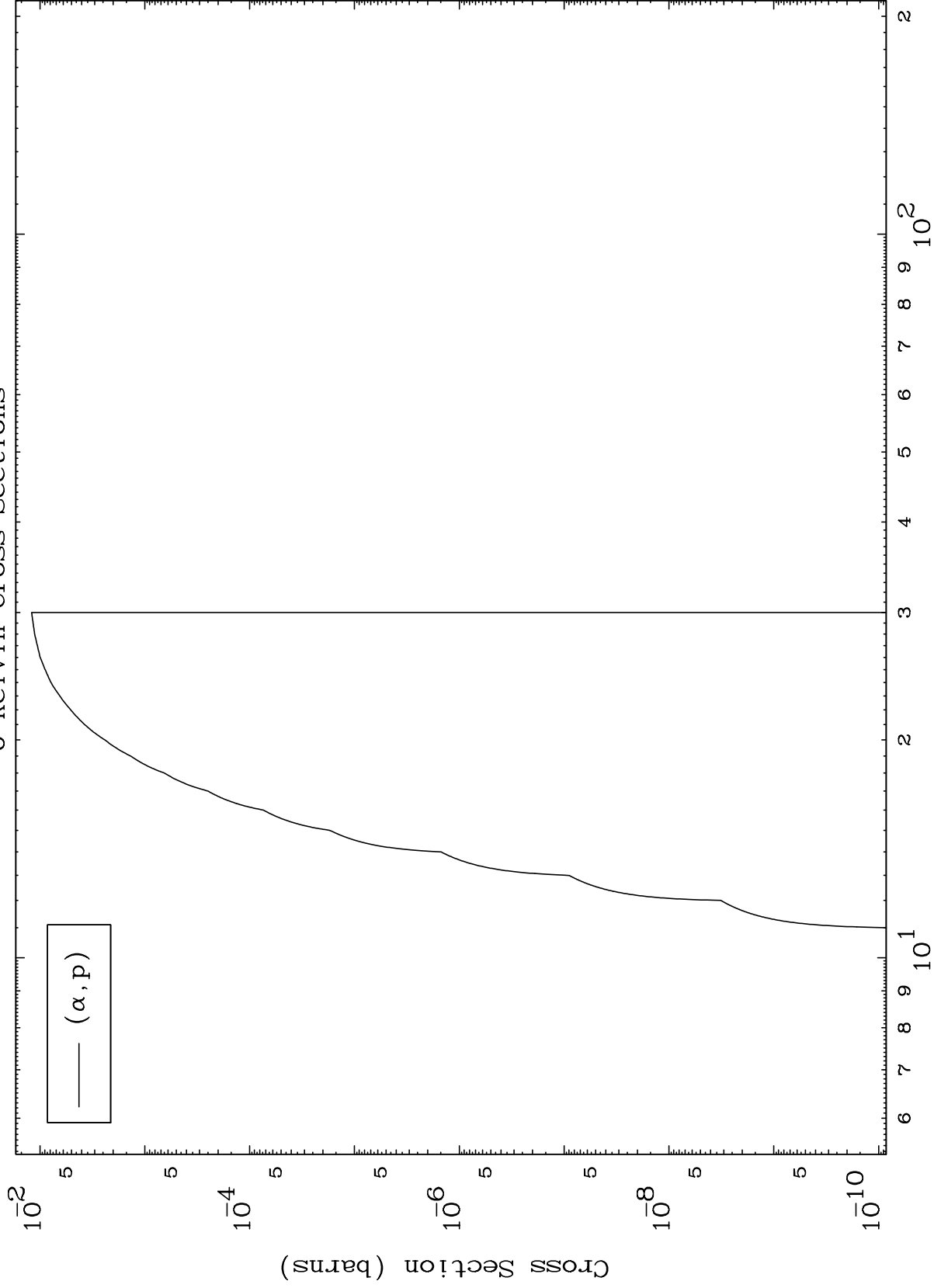
Incident Energy (MeV)

65-Tb-154

MAT 6511

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-154



6

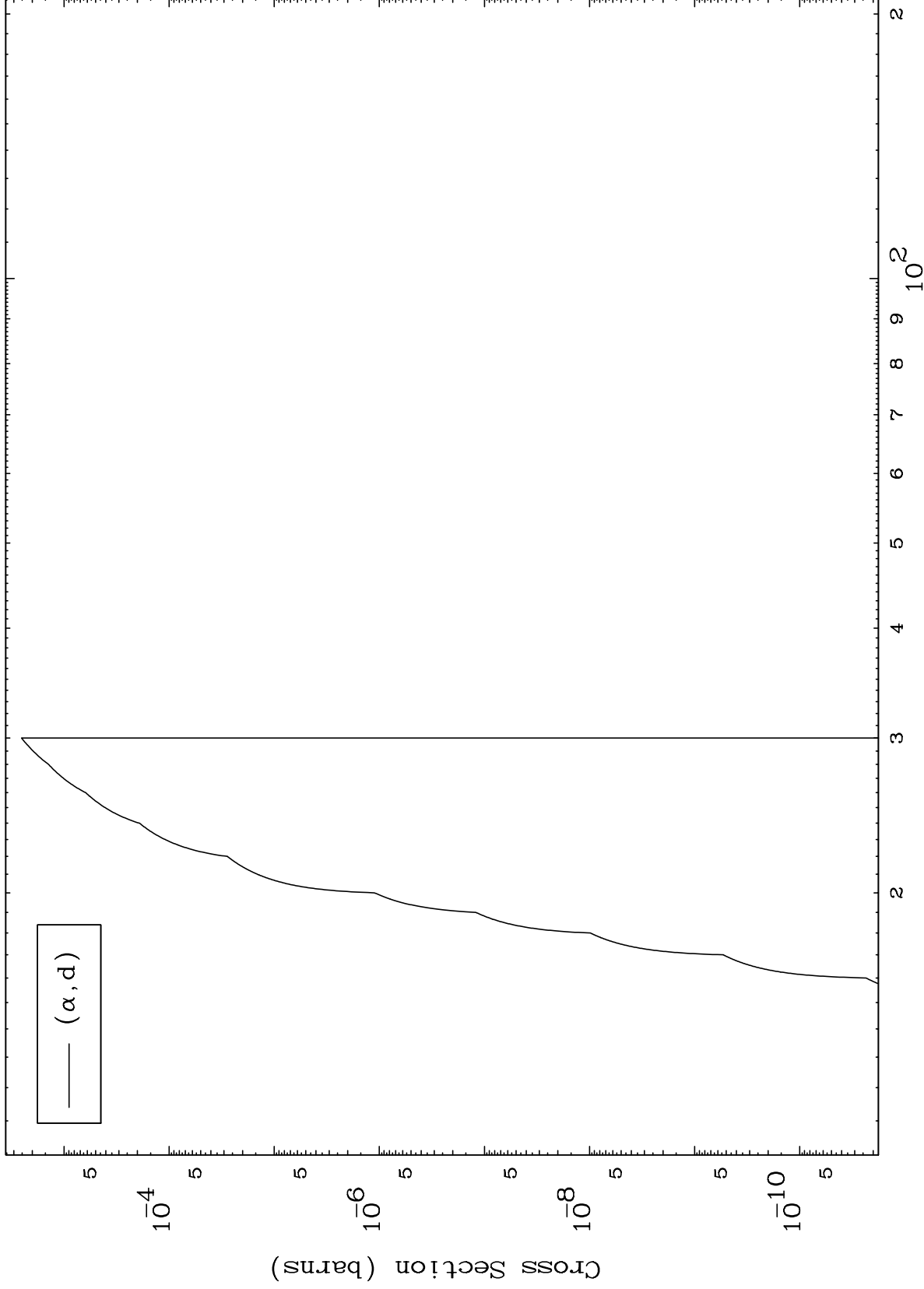
Incident Energy (MeV)

65-Tb-154

MAT 65111

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-154



7

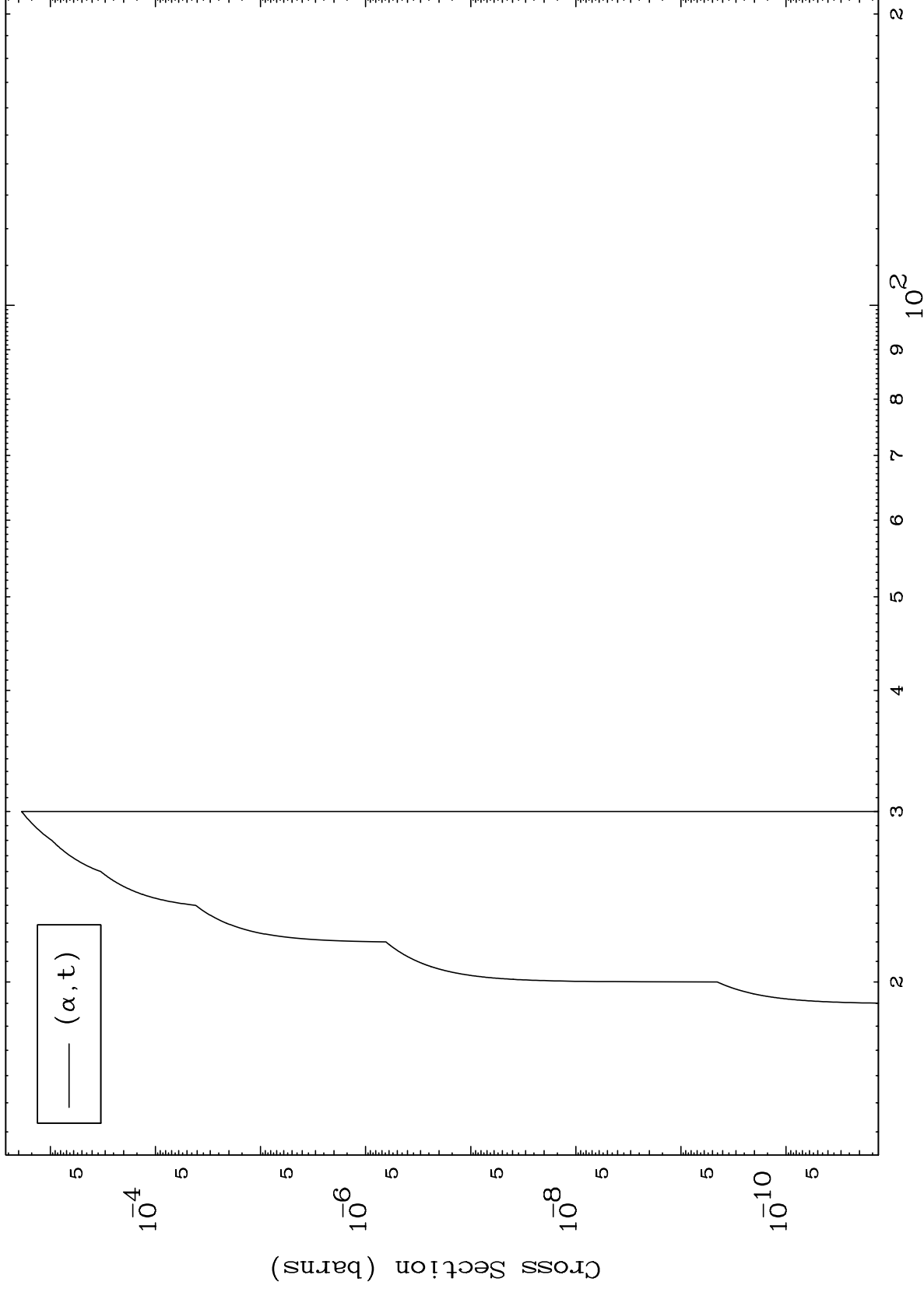
Incident Energy (MeV)

65-Tb-154

MAT 6511

(α, t) Levels
0 Kelvin Cross Sections

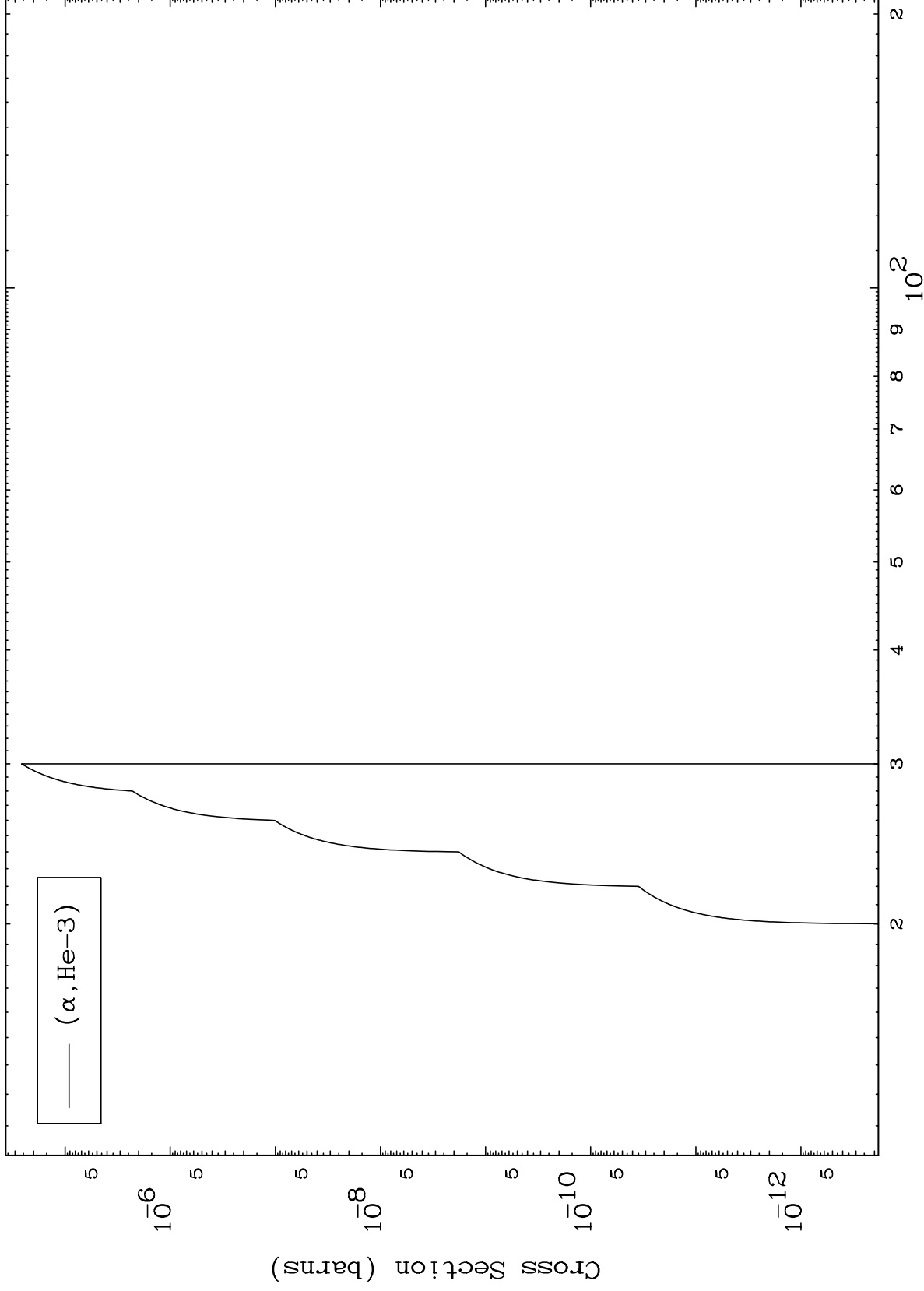
65-Tb-154



8

Incident Energy (MeV)

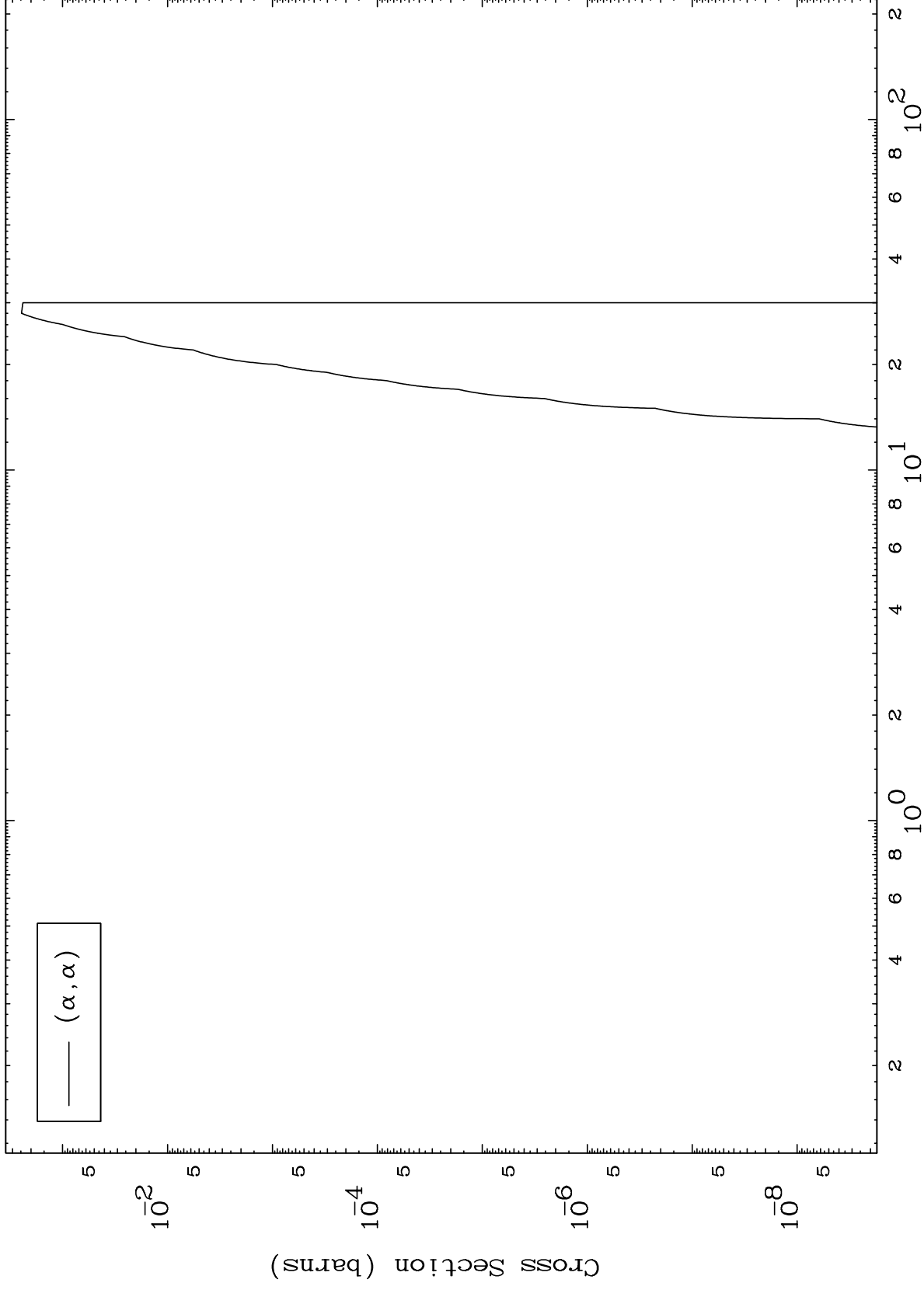
65-Tb-154



MAT 6511

(α, α) Levels
0 Kelvin Cross Sections

65-Tb-154



10

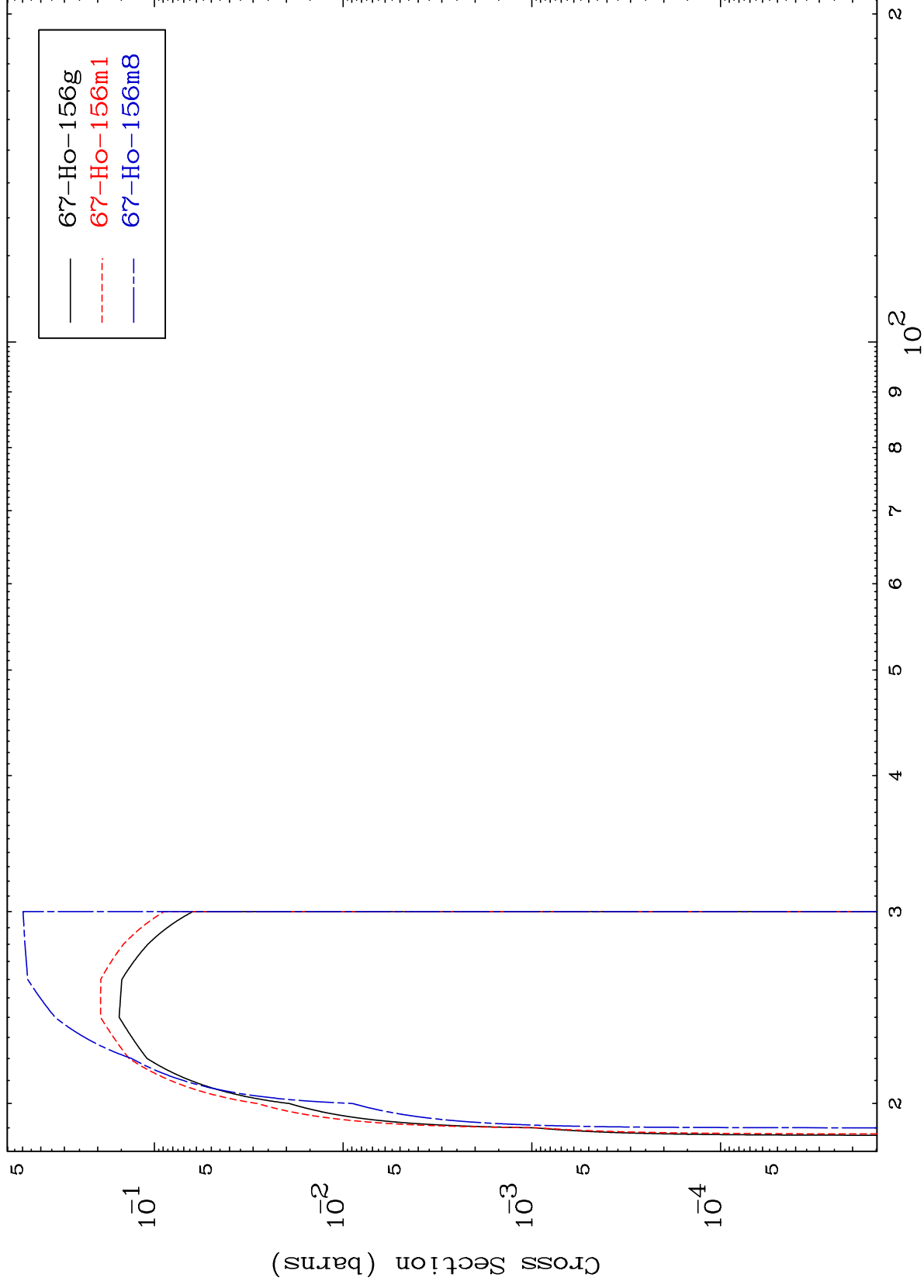
Incident Energy (MeV)

65-Tb-154

MAT 65111

65-Tb-154

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



11

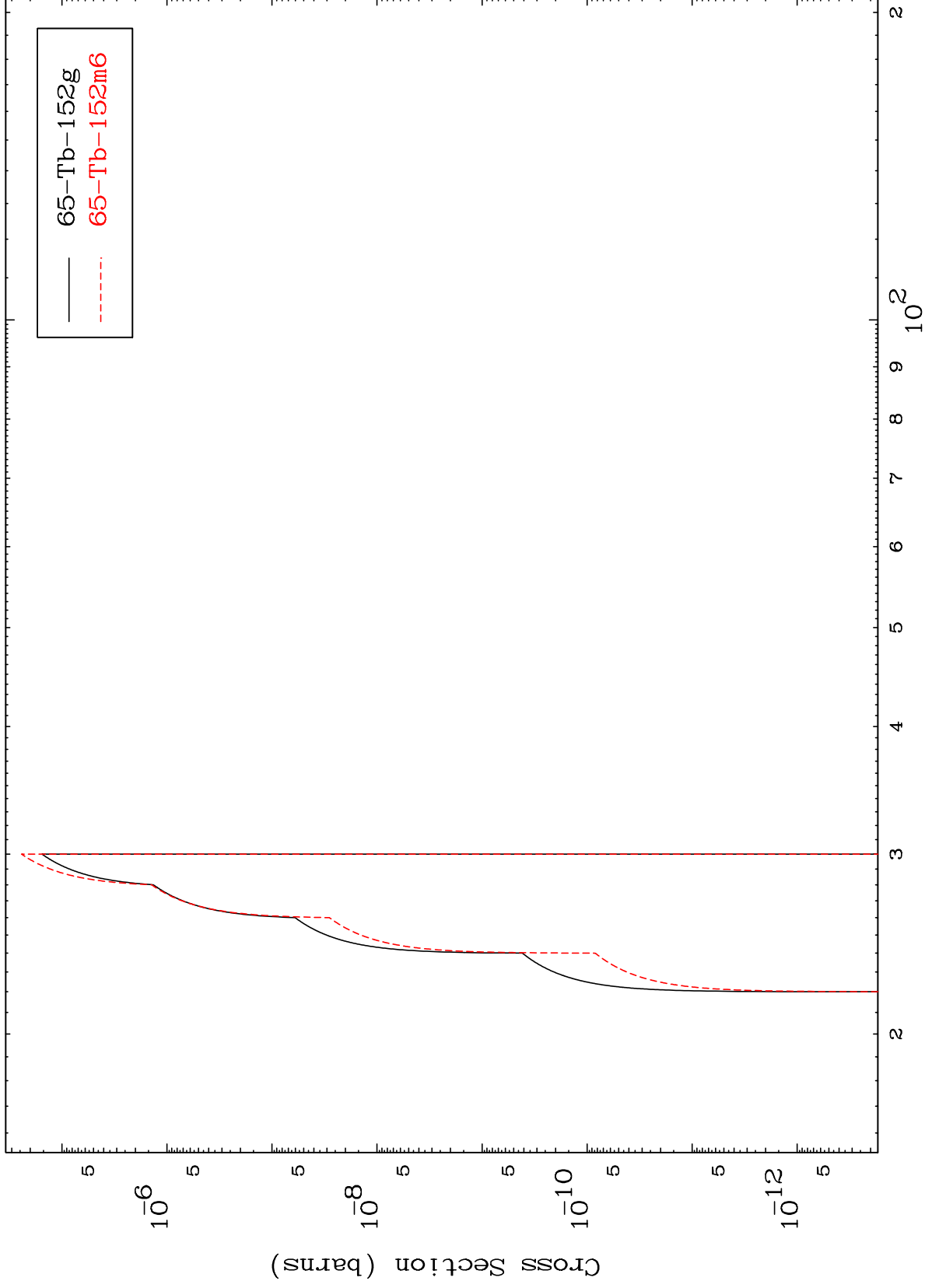
Incident Energy (MeV)

65-Tb-154

MAT 6511

65-Tb-154

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



12

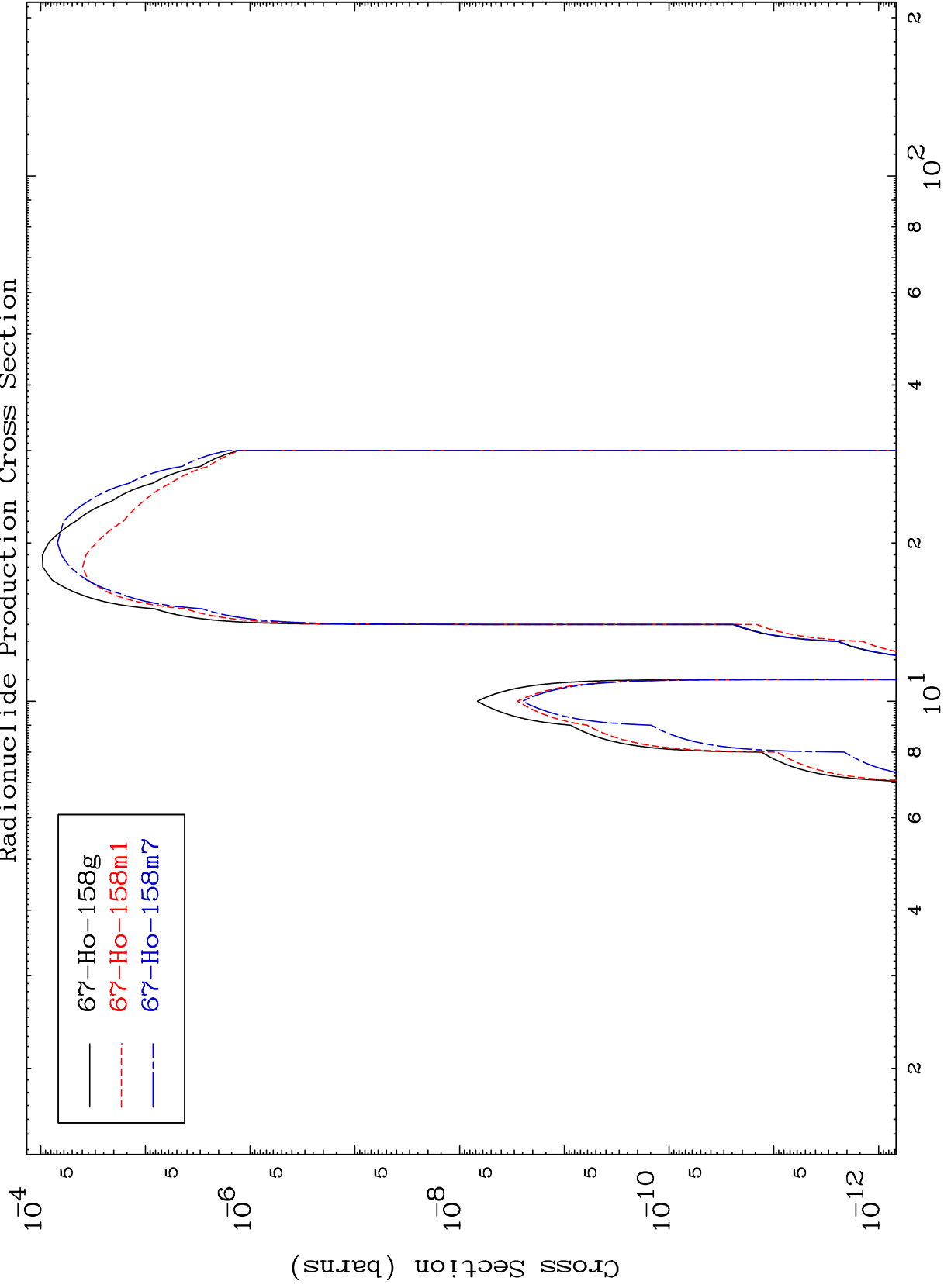
Incident Energy (MeV)

65-Tb-154

MAT 6511

65-Tb-154

Radionuclide Production Cross Section
(α, γ)



13

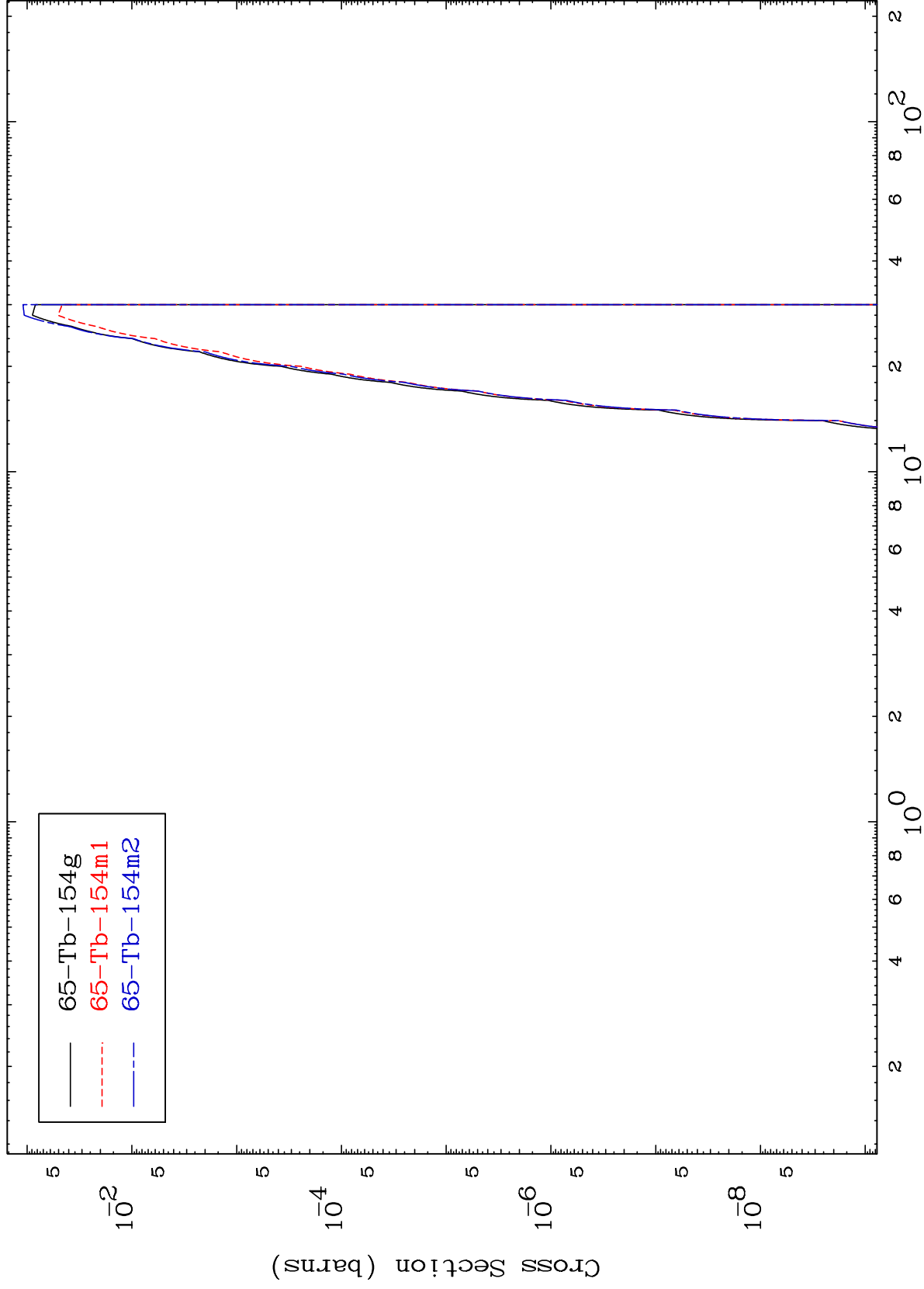
Incident Energy (MeV)

65-Tb-154

MAT 6511

65-Tb-154

(α, α)
Radionuclide Production Cross Section



14

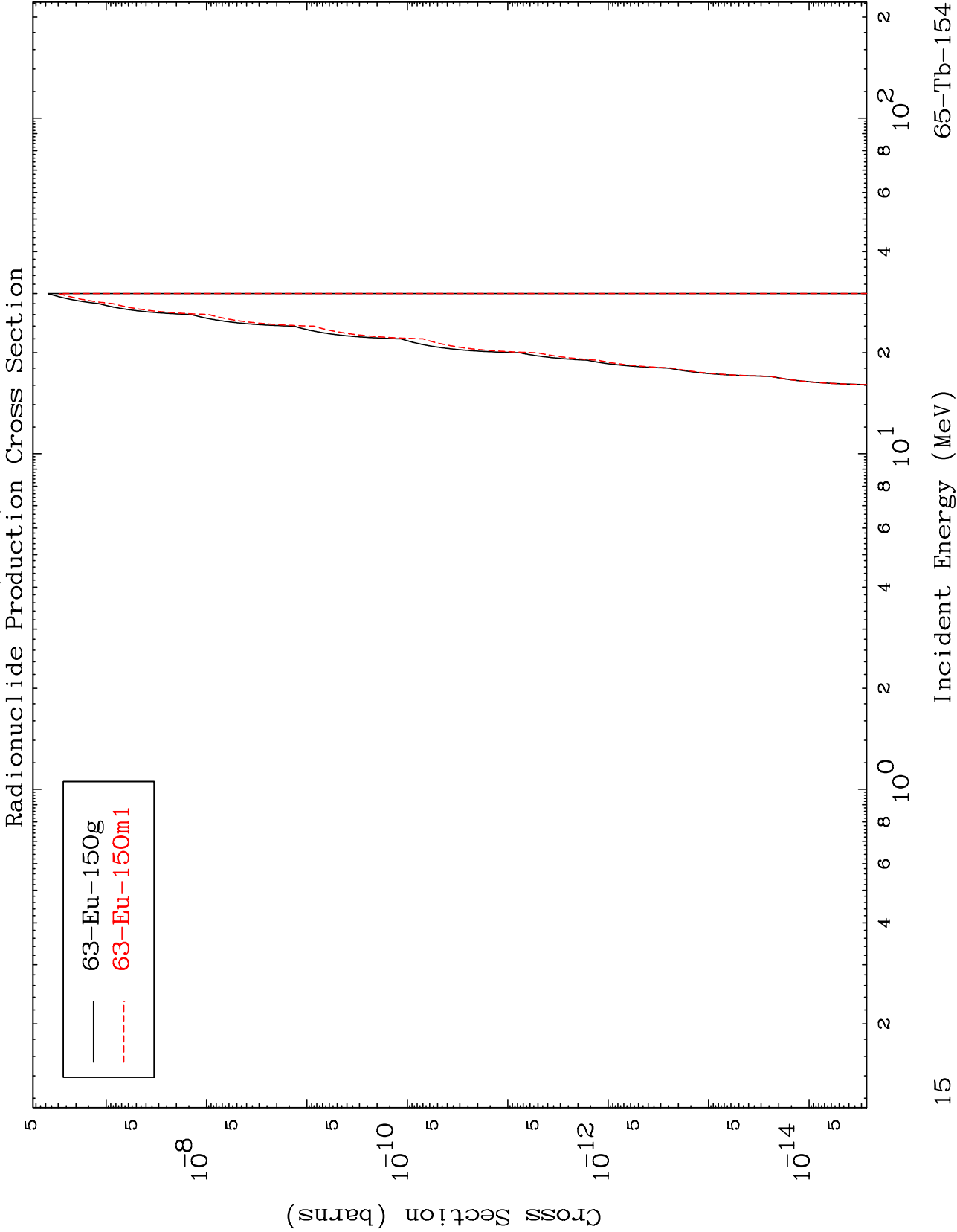
Incident Energy (MeV)

65-Tb-154

MAT 6511

($\alpha, 2\alpha$)

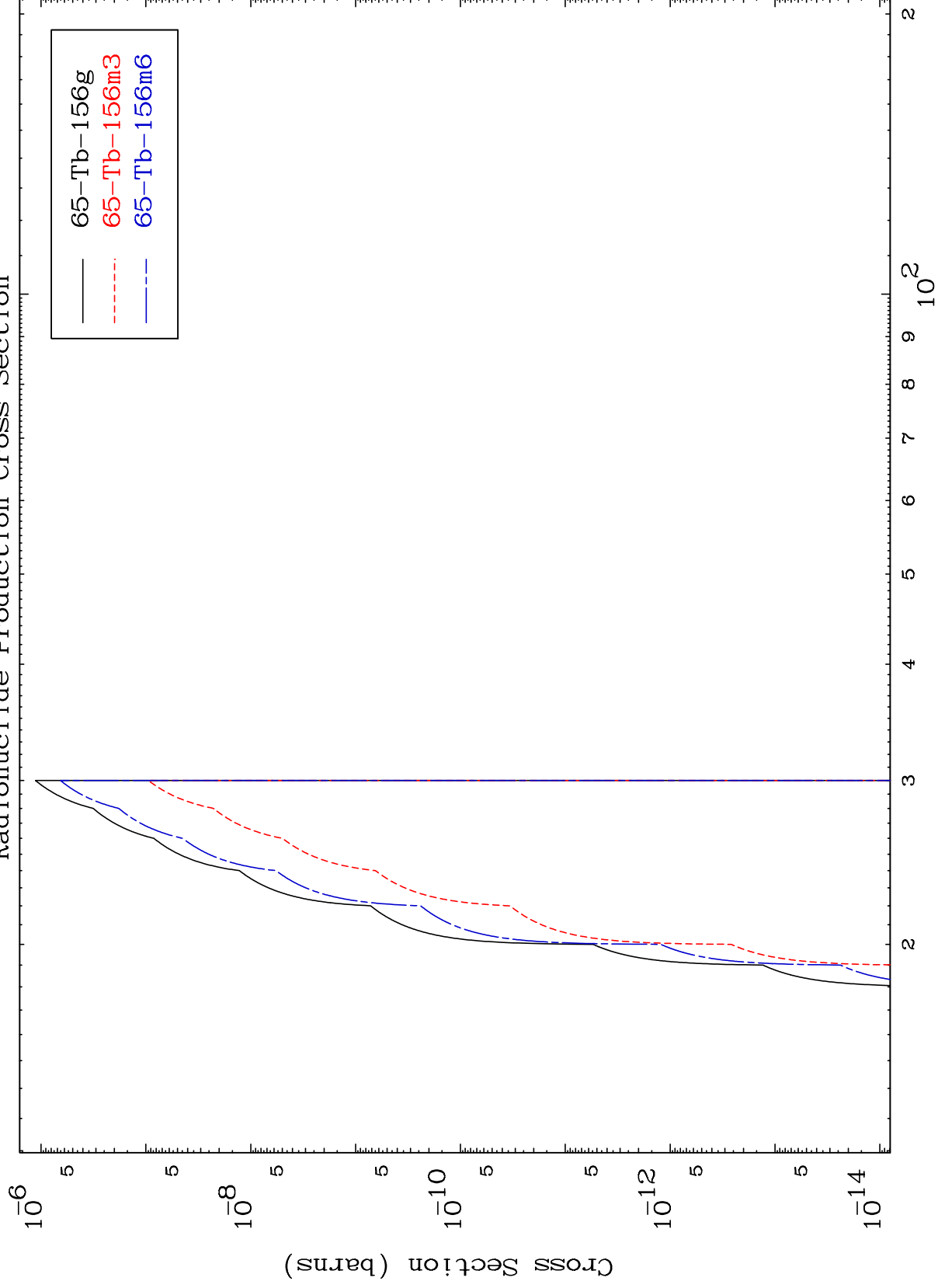
65-Tb-154



MAT 65111

65-Tb-154

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



16

Incident Energy (MeV)

65-Tb-154