

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

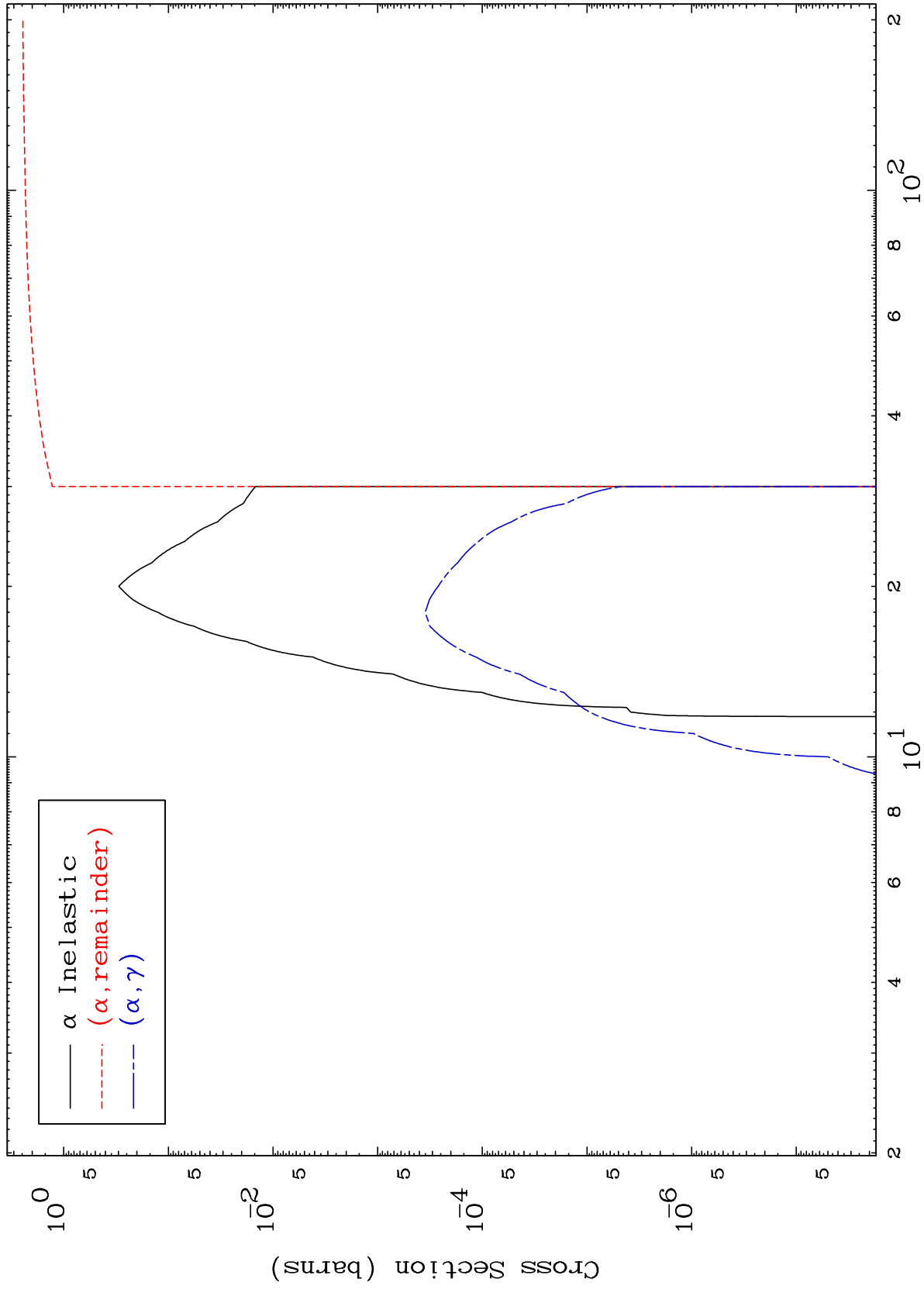
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6507

0 Kelvin α Major

65-Tb-153



1

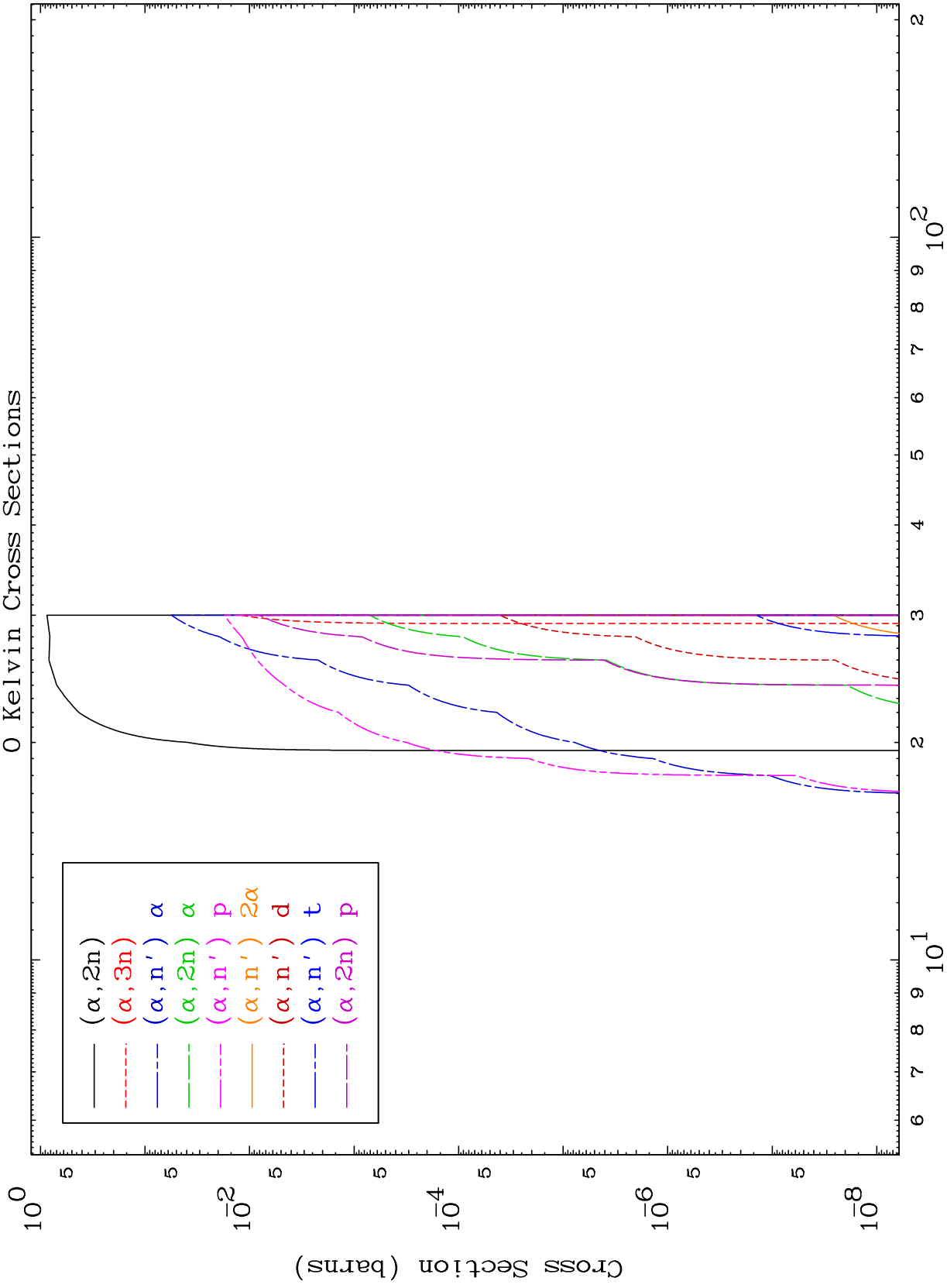
Incident Energy (MeV)

65-Tb-153

MAT 6507

α Neutron Production
0 Kelvin Cross Sections

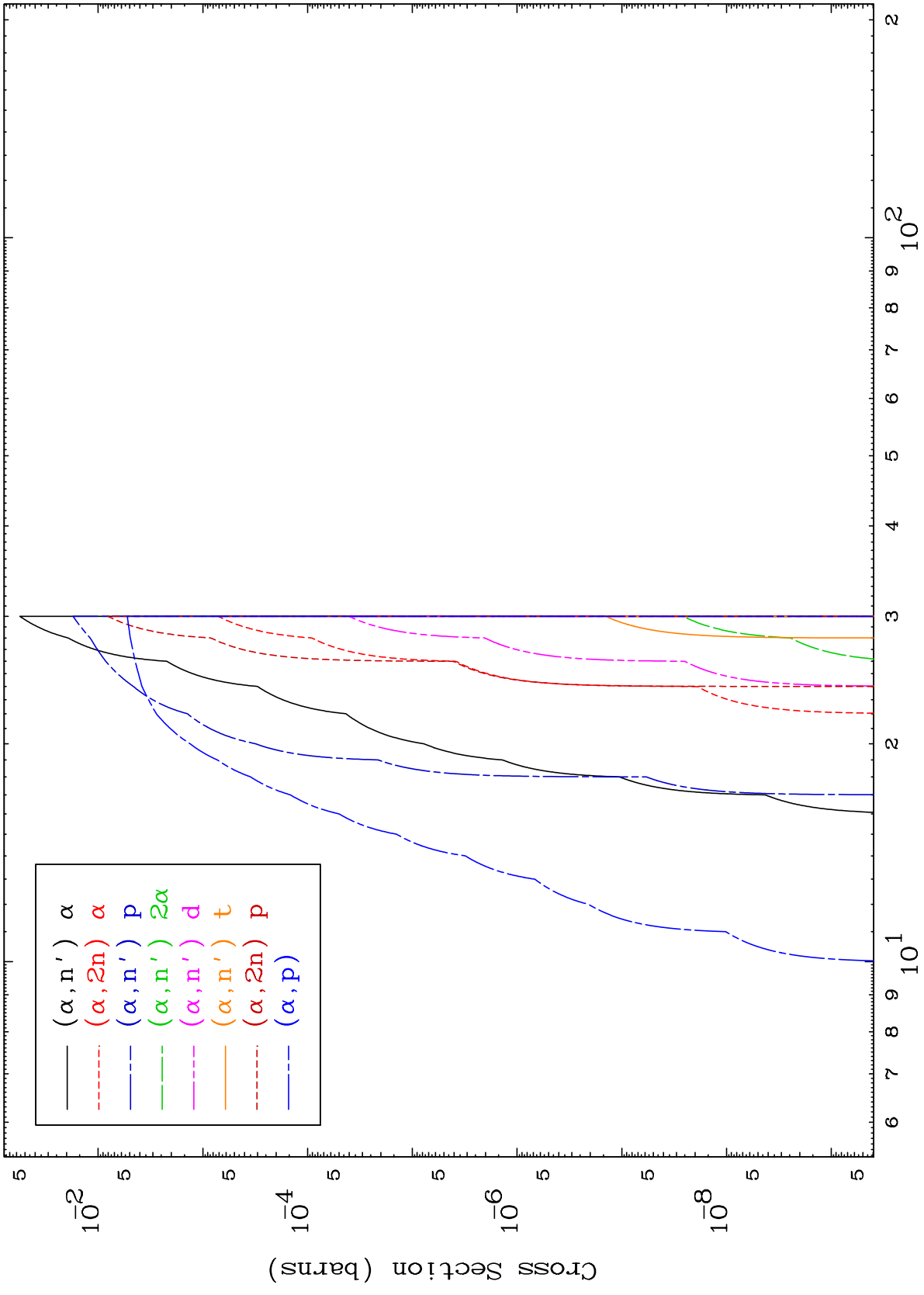
65-Tb-153



2

Incident Energy (MeV)

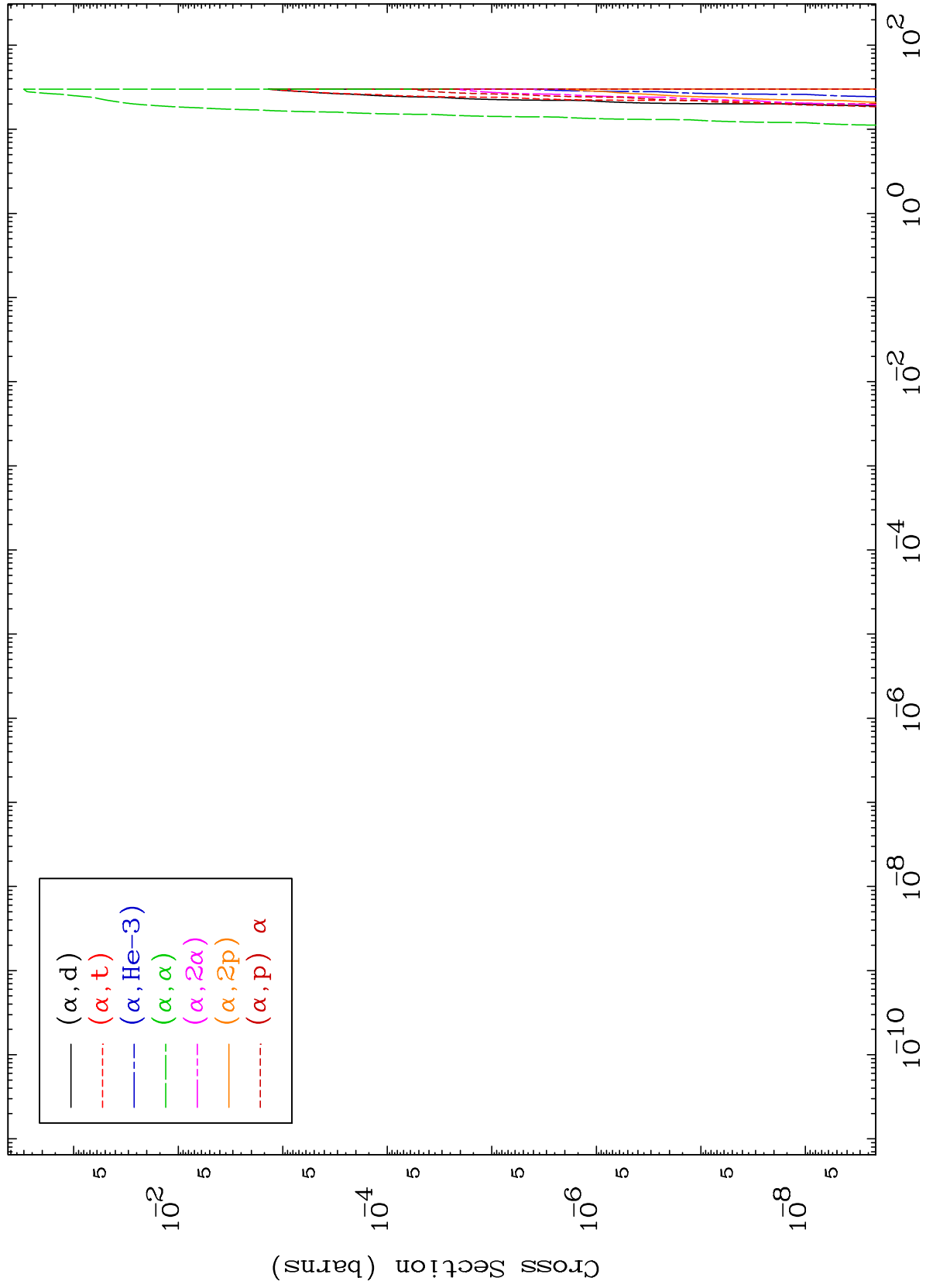
65-Tb-153



MAT 6507

α Charged Particle
0 Kelvin Cross Sections

65-Tb-153



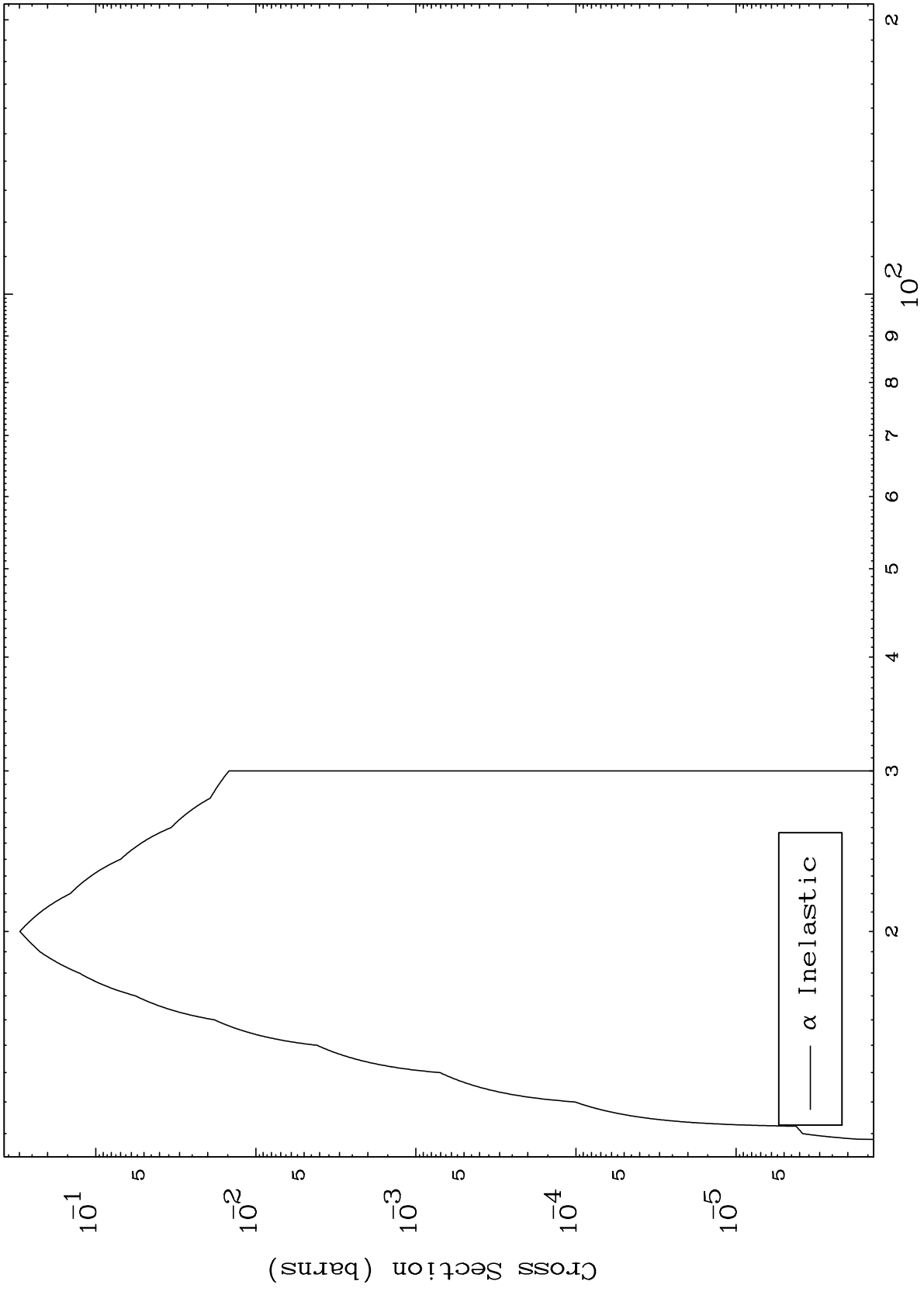
65-Tb-153

Incident Energy (MeV)

MAT 6507

(α, n') Level
0 Kelvin Cross Sections

65-Tb-153



5

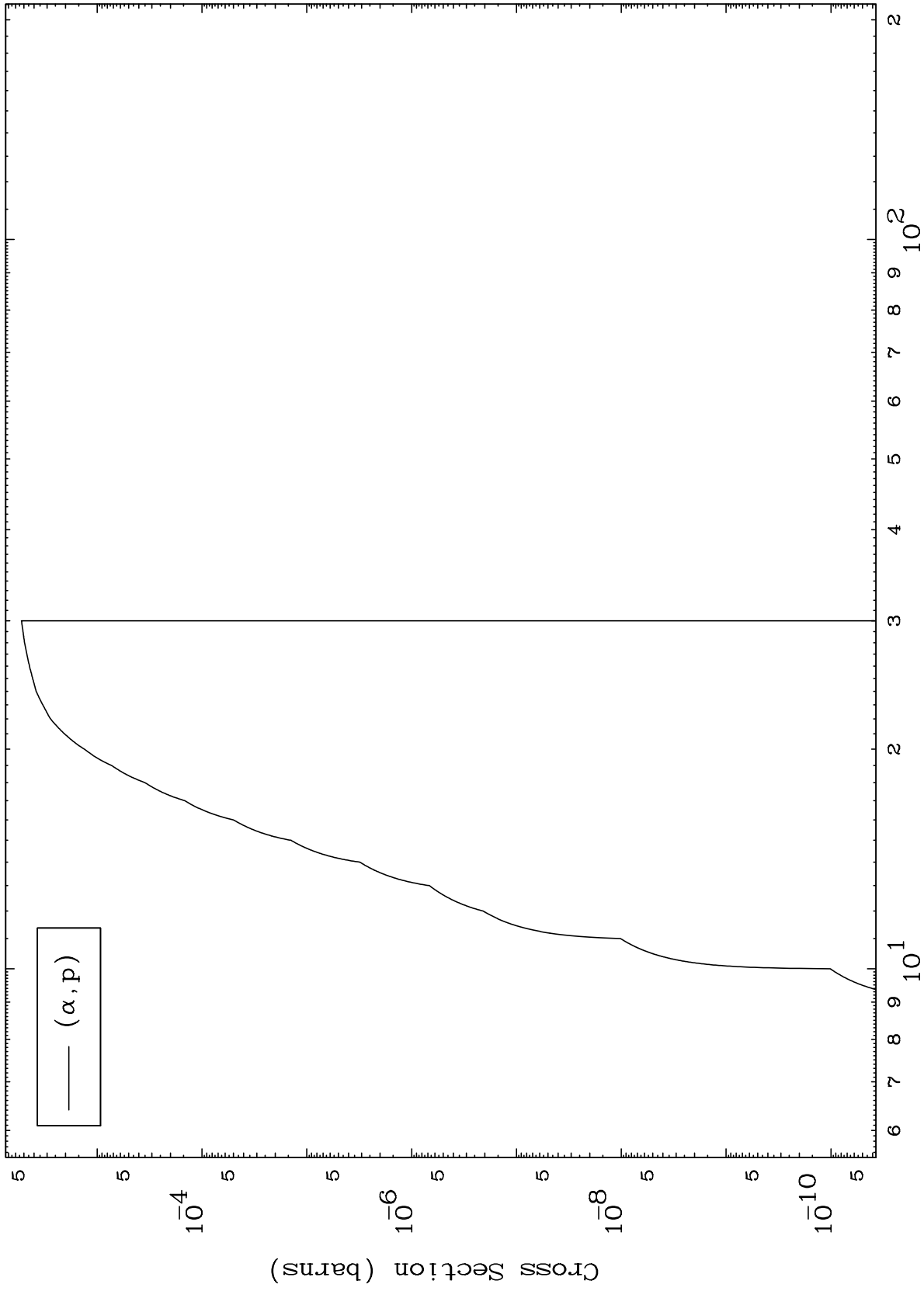
Incident Energy (MeV)

65-Tb-153

MAT 6507

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-153



6

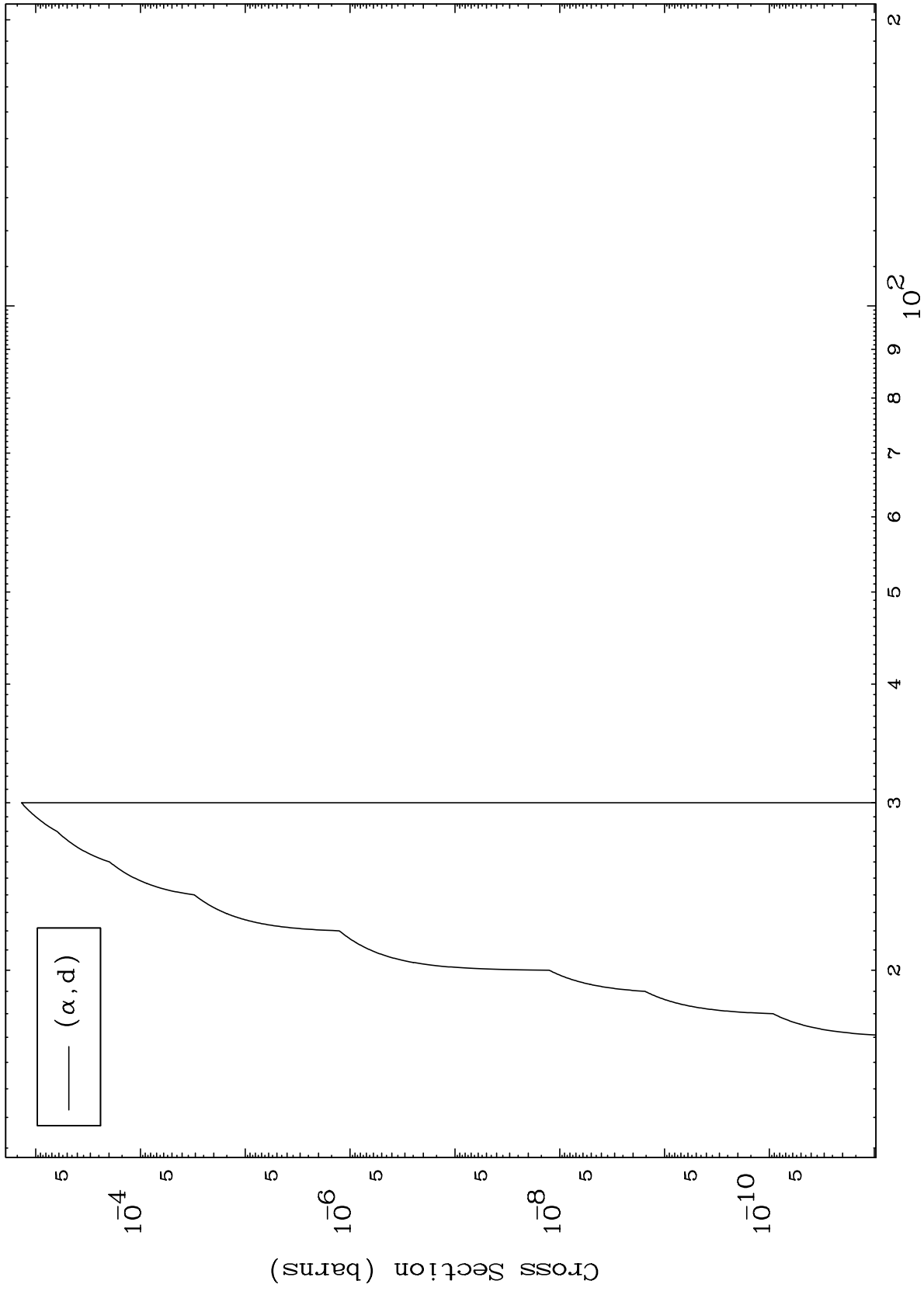
Incident Energy (MeV)

65-Tb-153

MAT 6507

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-153



7

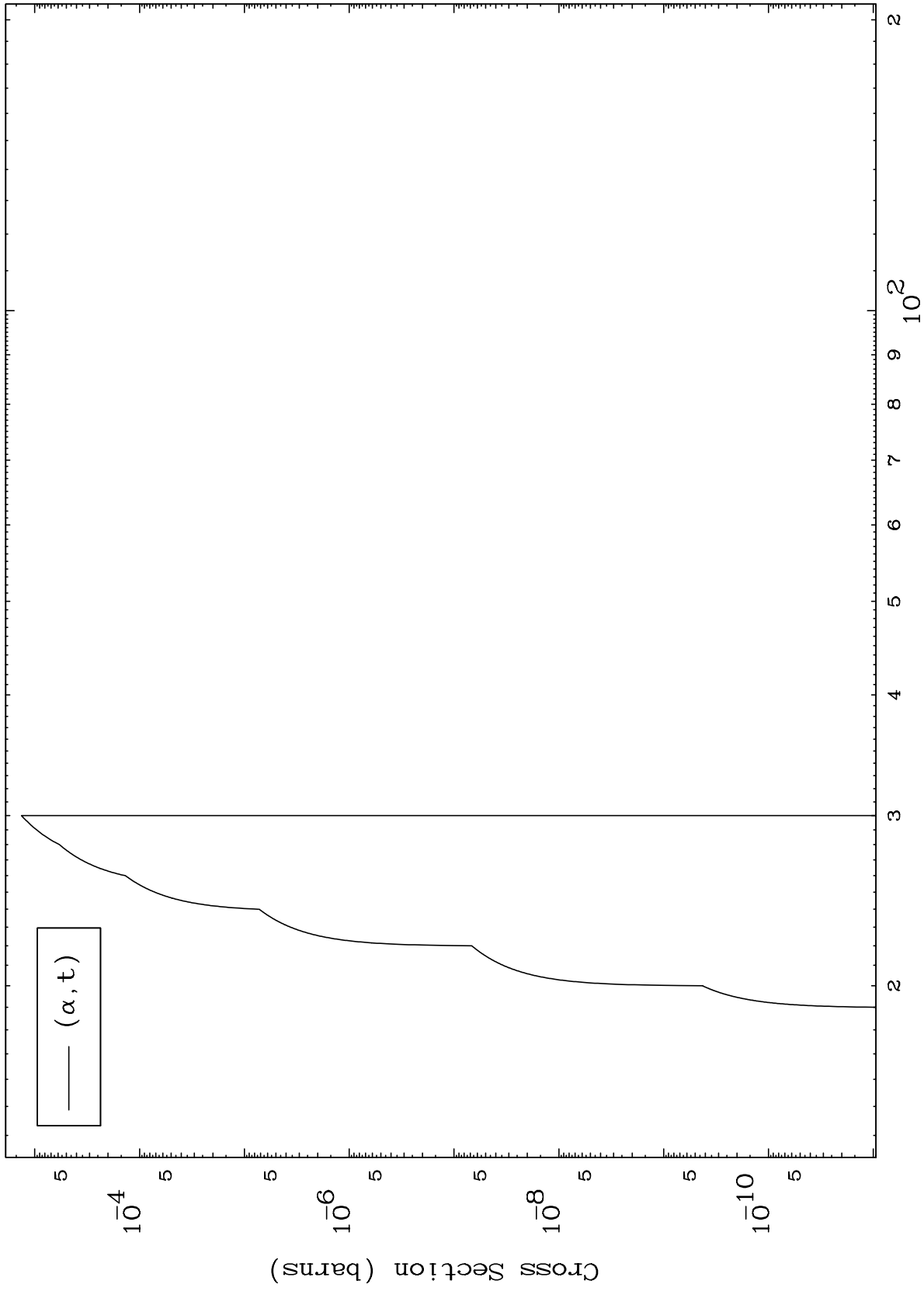
Incident Energy (MeV)

65-Tb-153

MAT 6507

(α, t) Levels
0 Kelvin Cross Sections

65-Tb-153



8

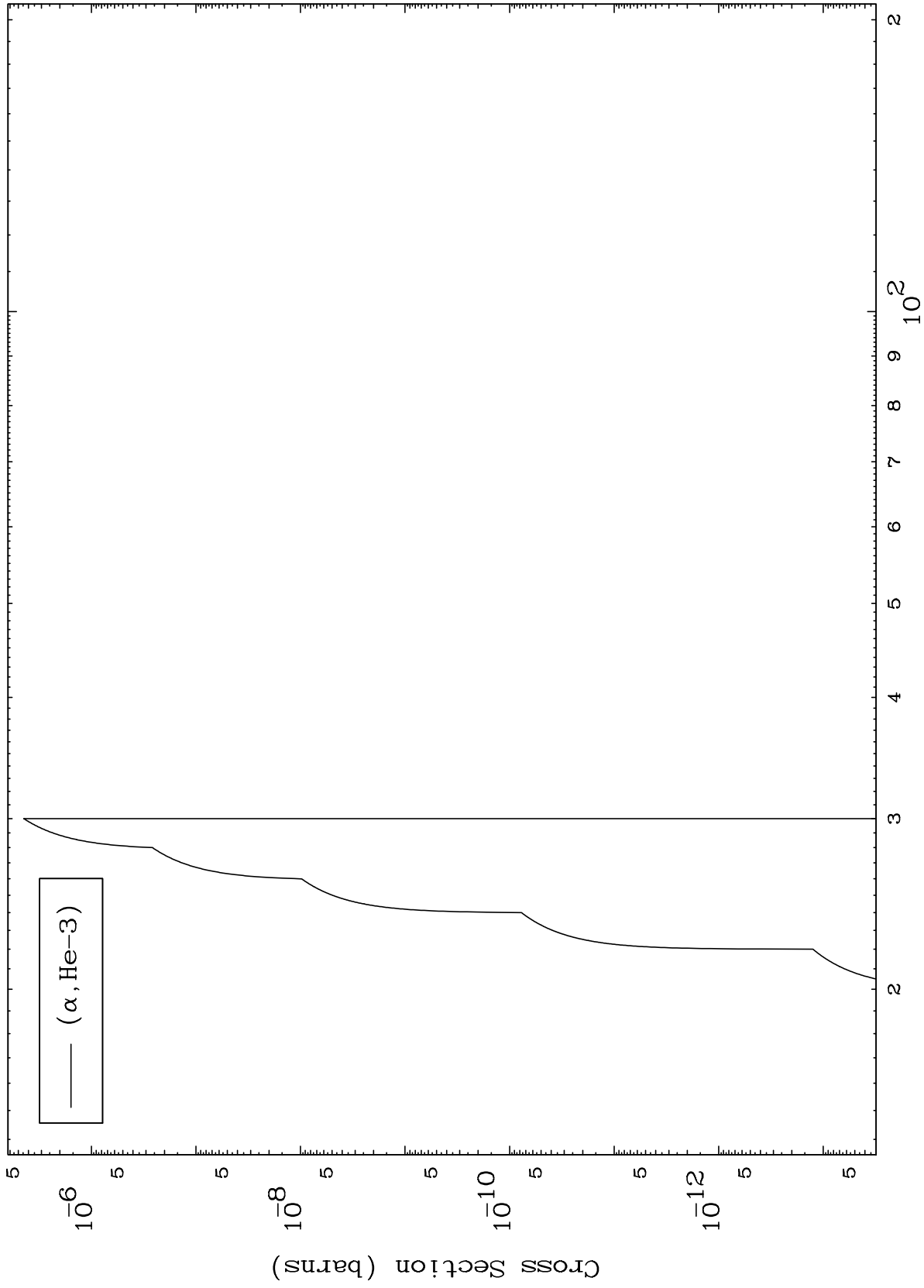
Incident Energy (MeV)

65-Tb-153

MAT 6507

(α ,He3) Levels
0 Kelvin Cross Sections

65-Tb-153



9

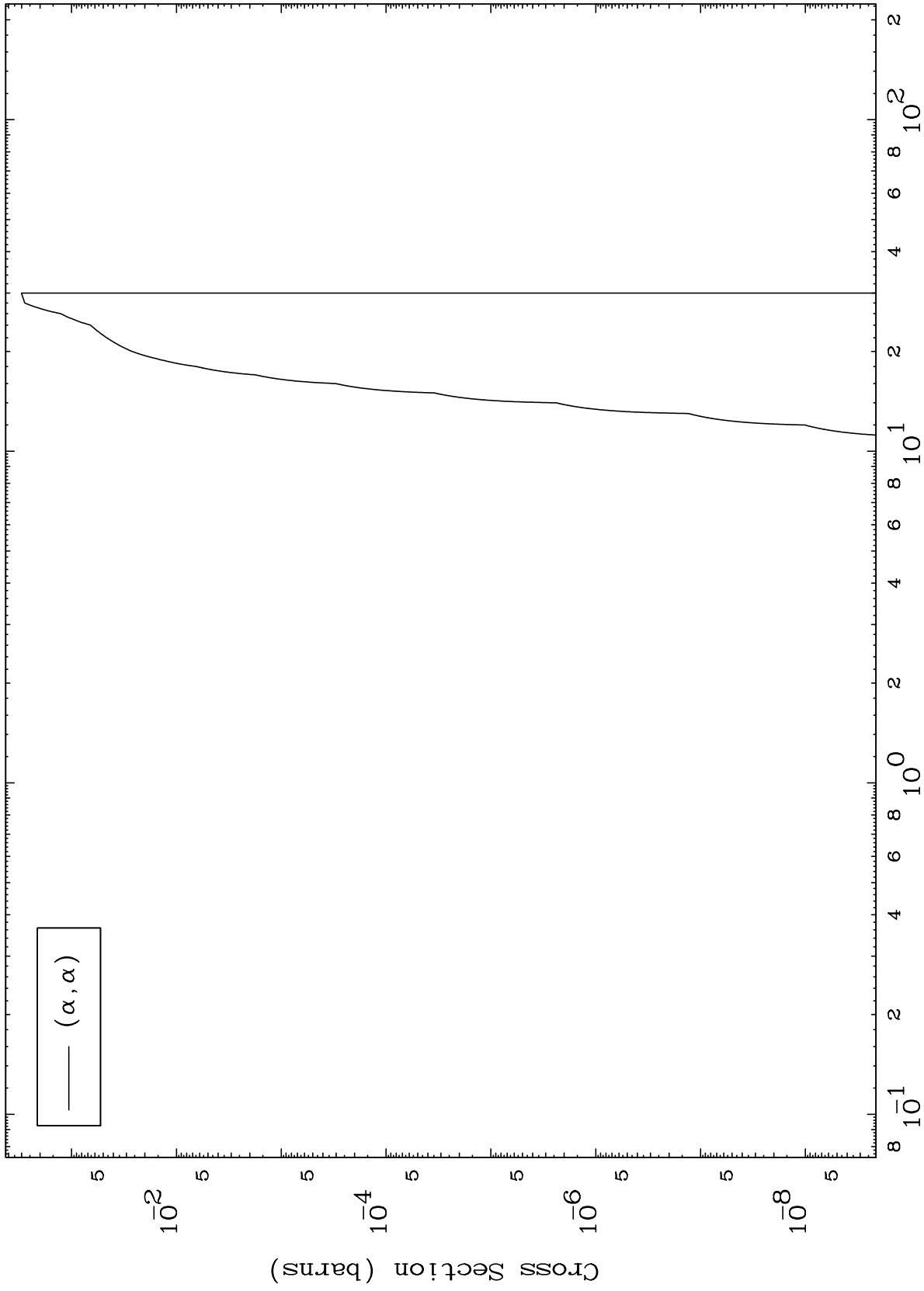
Incident Energy (MeV)

65-Tb-153

MAT 6507

(α, α) Levels
0 Kelvin Cross Sections

65-Tb-153

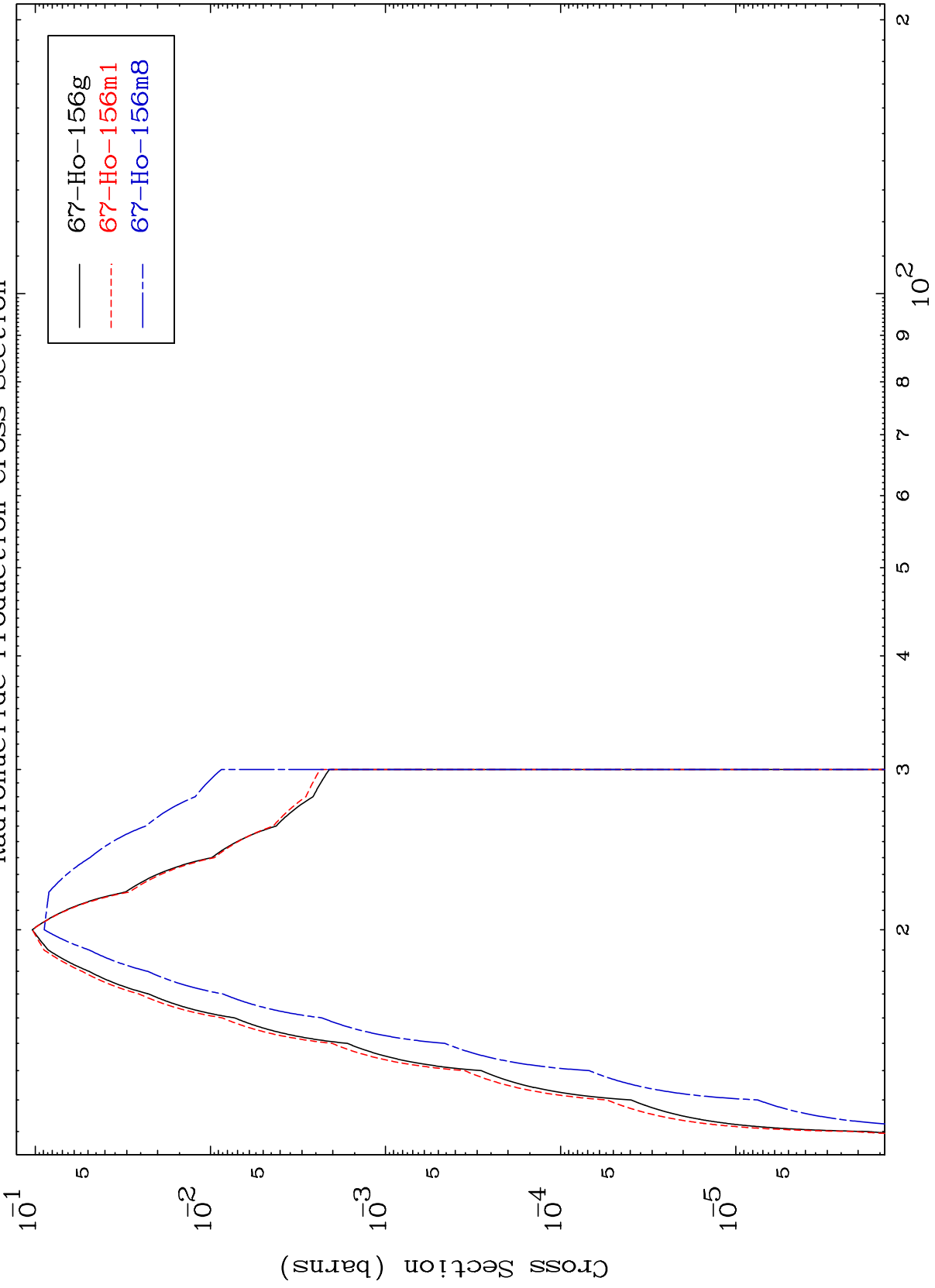


10

Incident Energy (MeV)

65-Tb-153

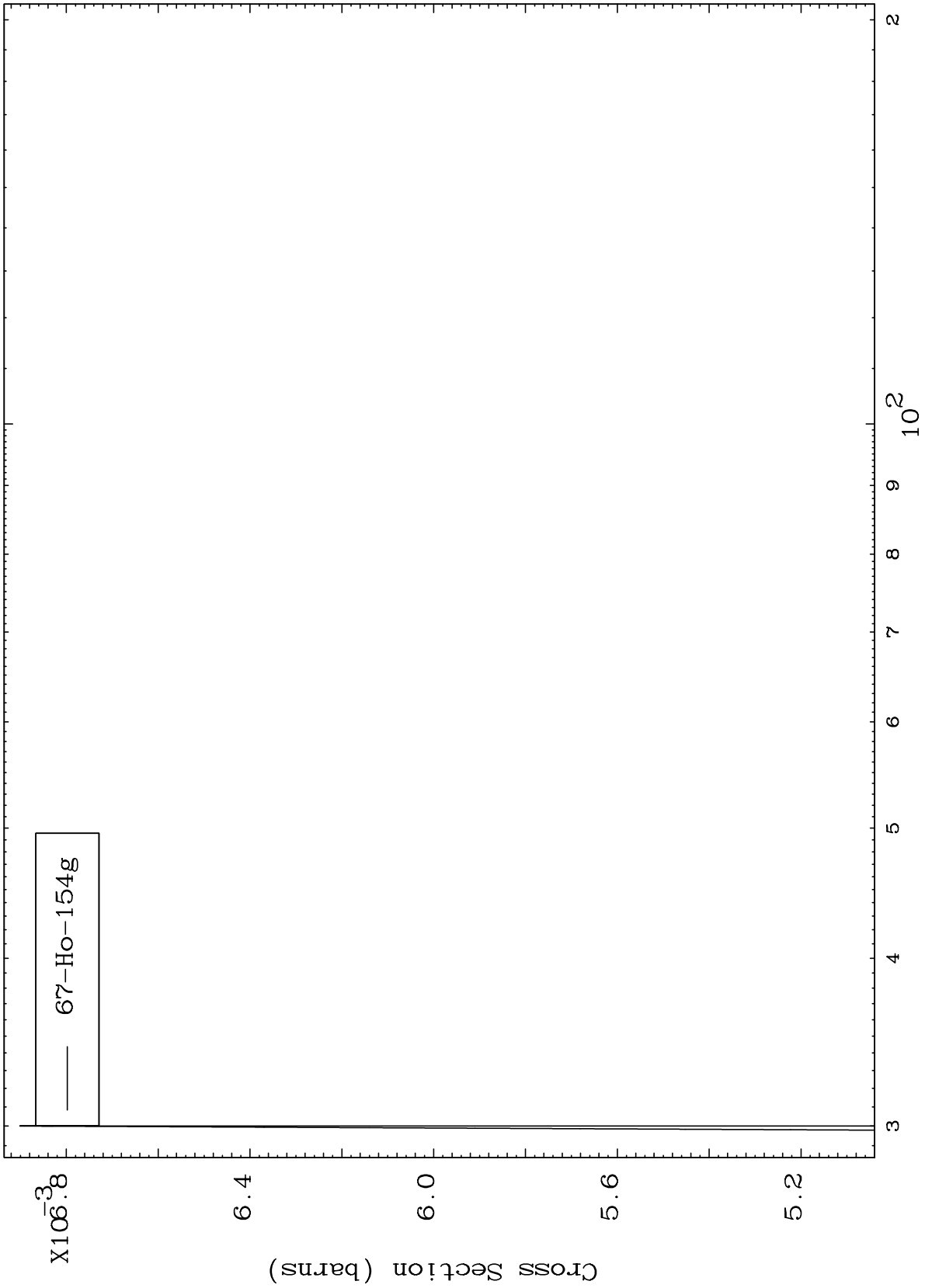
α Inelastic
Radionuclide Production Cross Section



MAT 6507

65-Tb-153

($\alpha, 3n$)
Radionuclide Production Cross Section



12

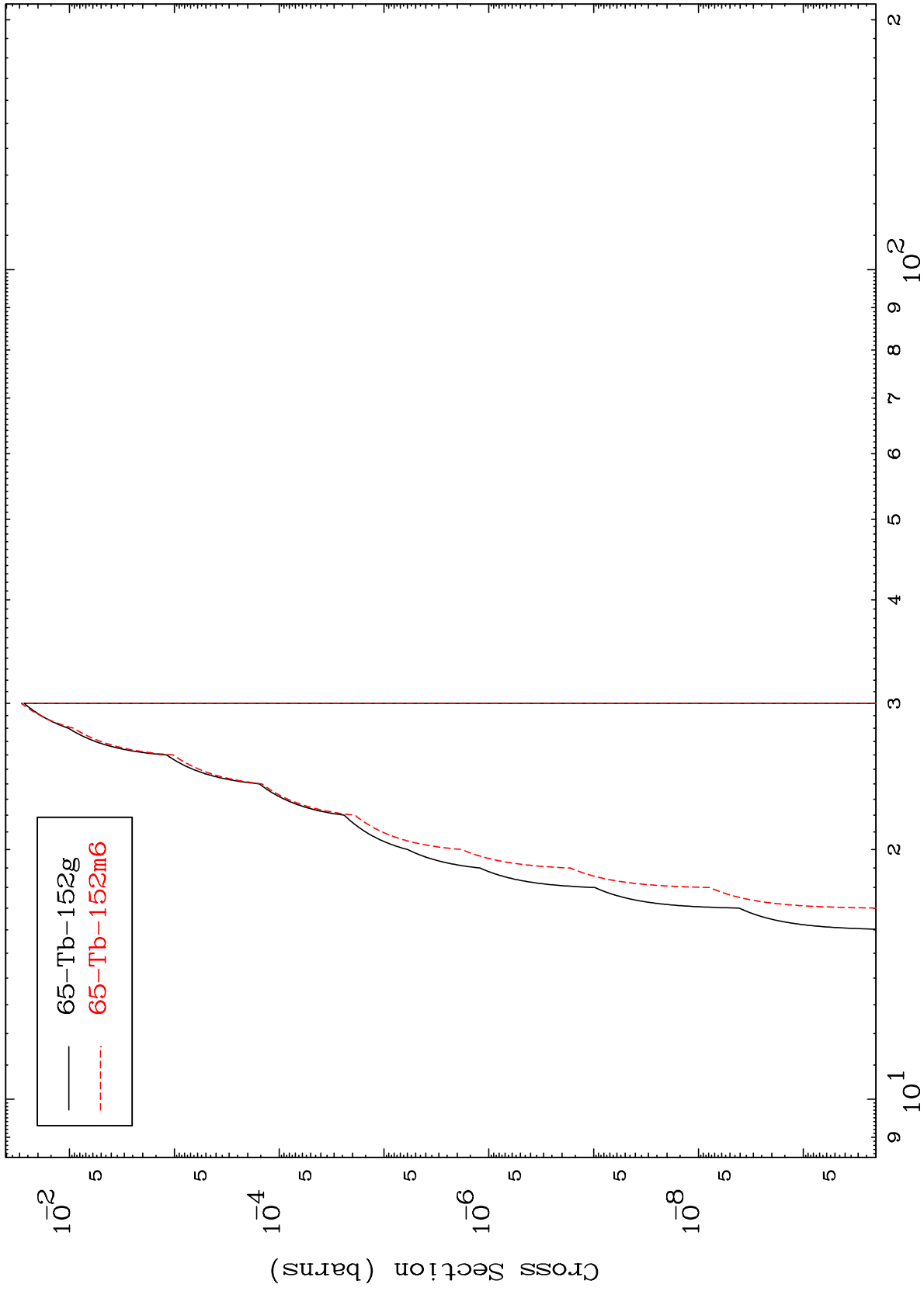
65-Tb-153

MAT 6507

(α, n') α

65-Tb-153

Radionuclide Production Cross Section



13

Incident Energy (MeV)

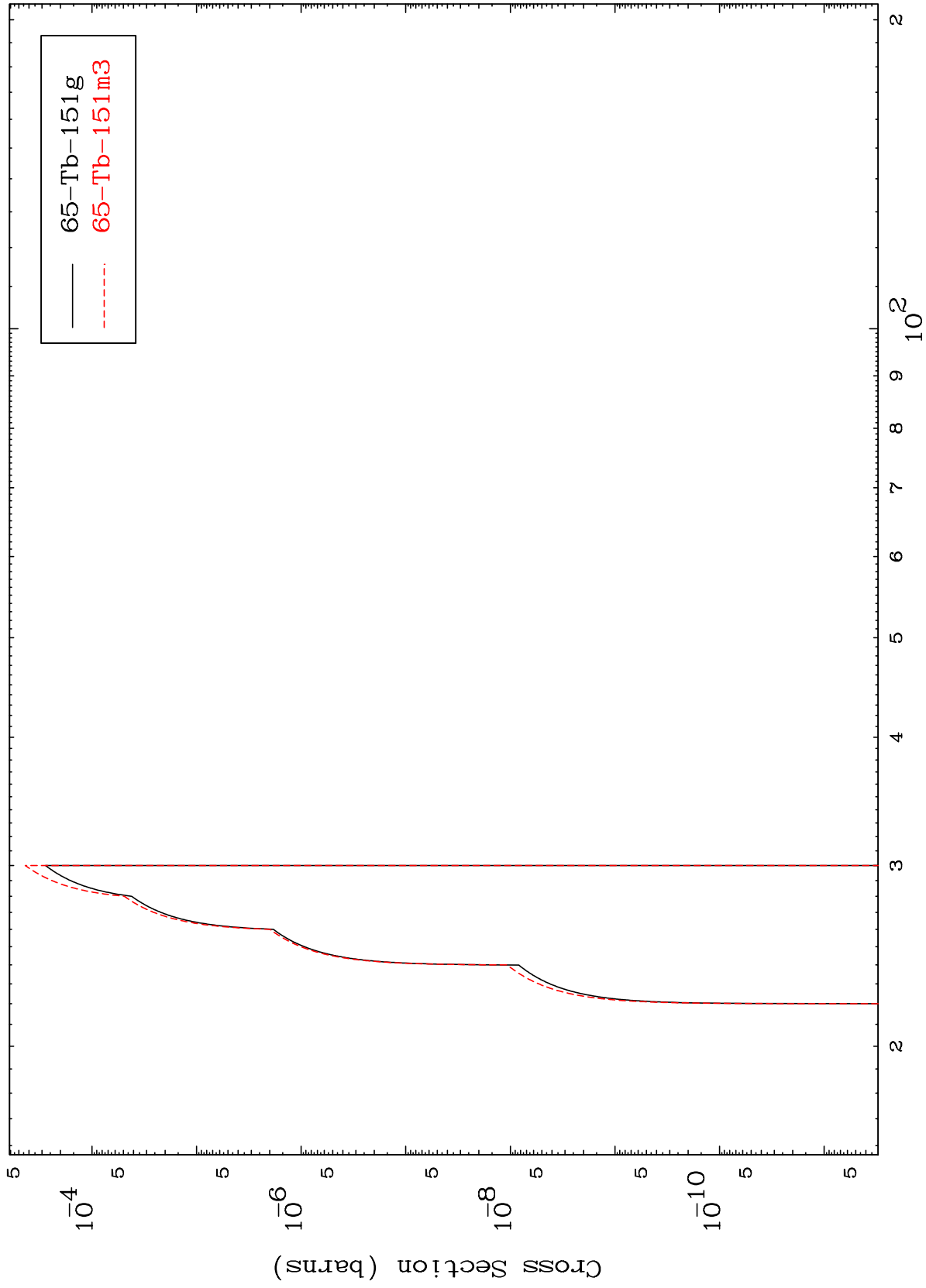
65-Tb-153

MAT 6507

$(\alpha, 2n) \alpha$

65-Tb-153

Radionuclide Production Cross Section



14

Incident Energy (MeV)

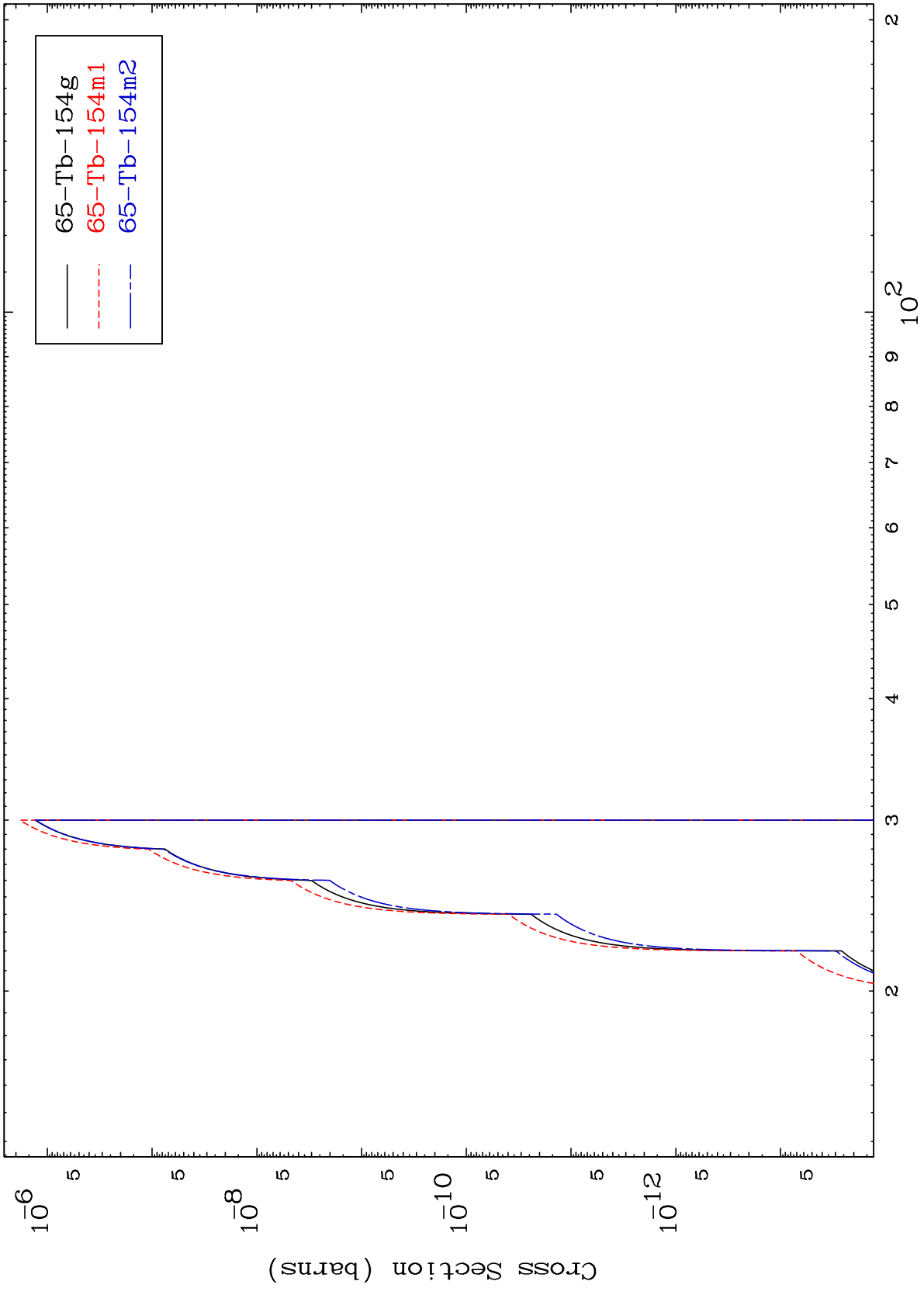
65-Tb-153

MAT 6507

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

65-Tb-153

Radionuclide Production Cross Section



15

Incident Energy (MeV)

65-Tb-153