

Program EVALPLOT
(Version 2018-1)

by

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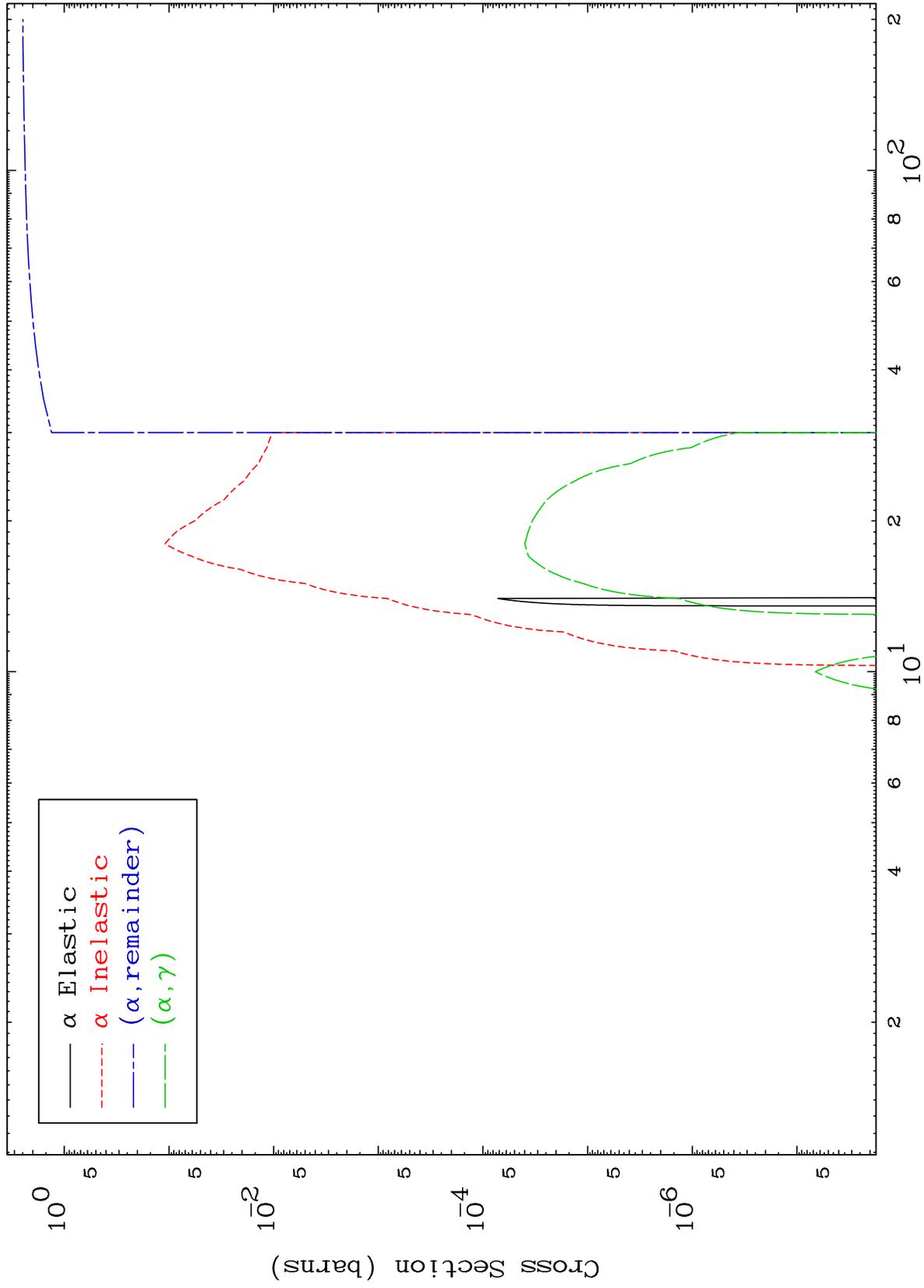
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6519

0 Kelvin α Major

65-Tb-157



1

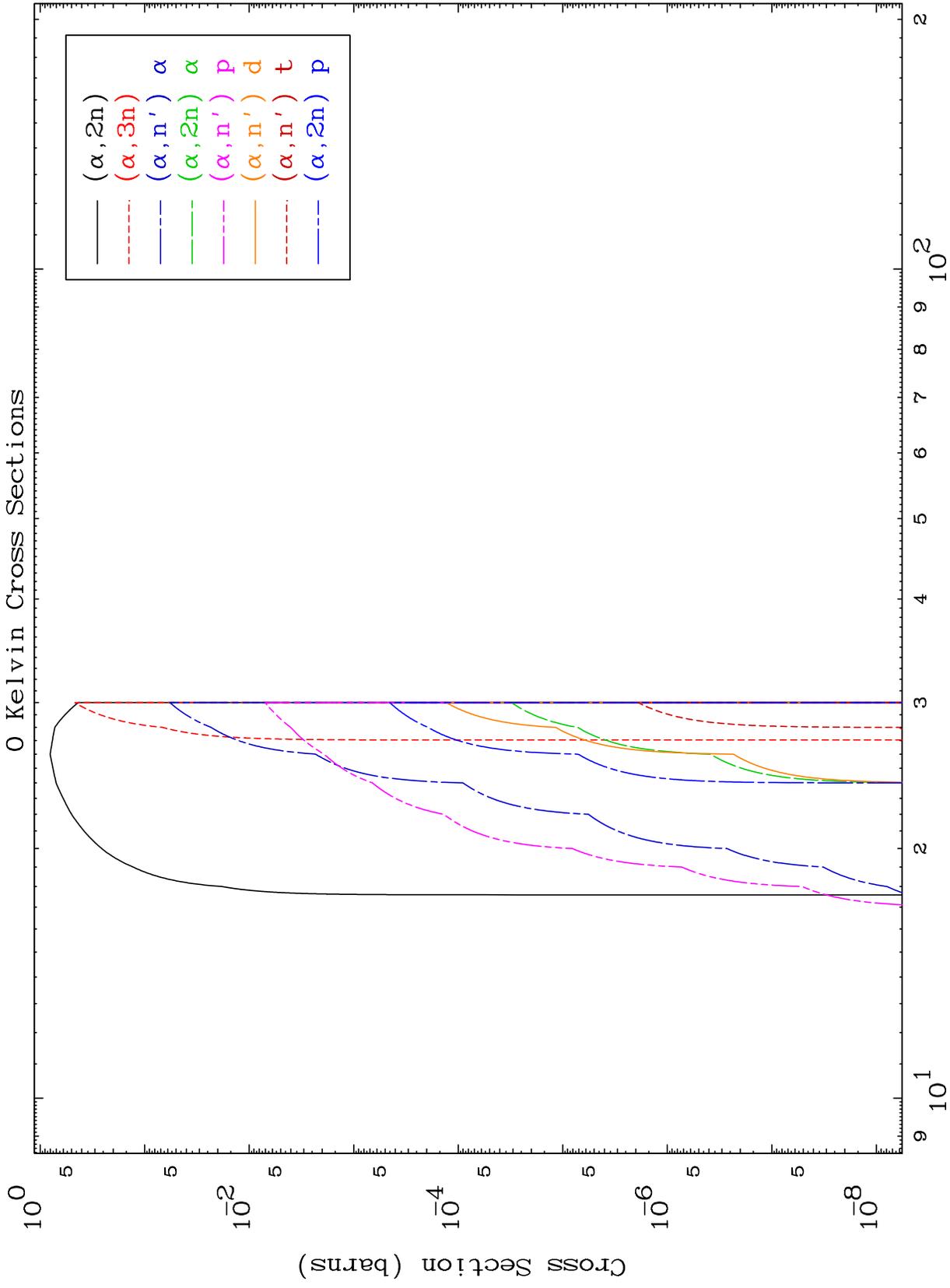
Incident Energy (MeV)

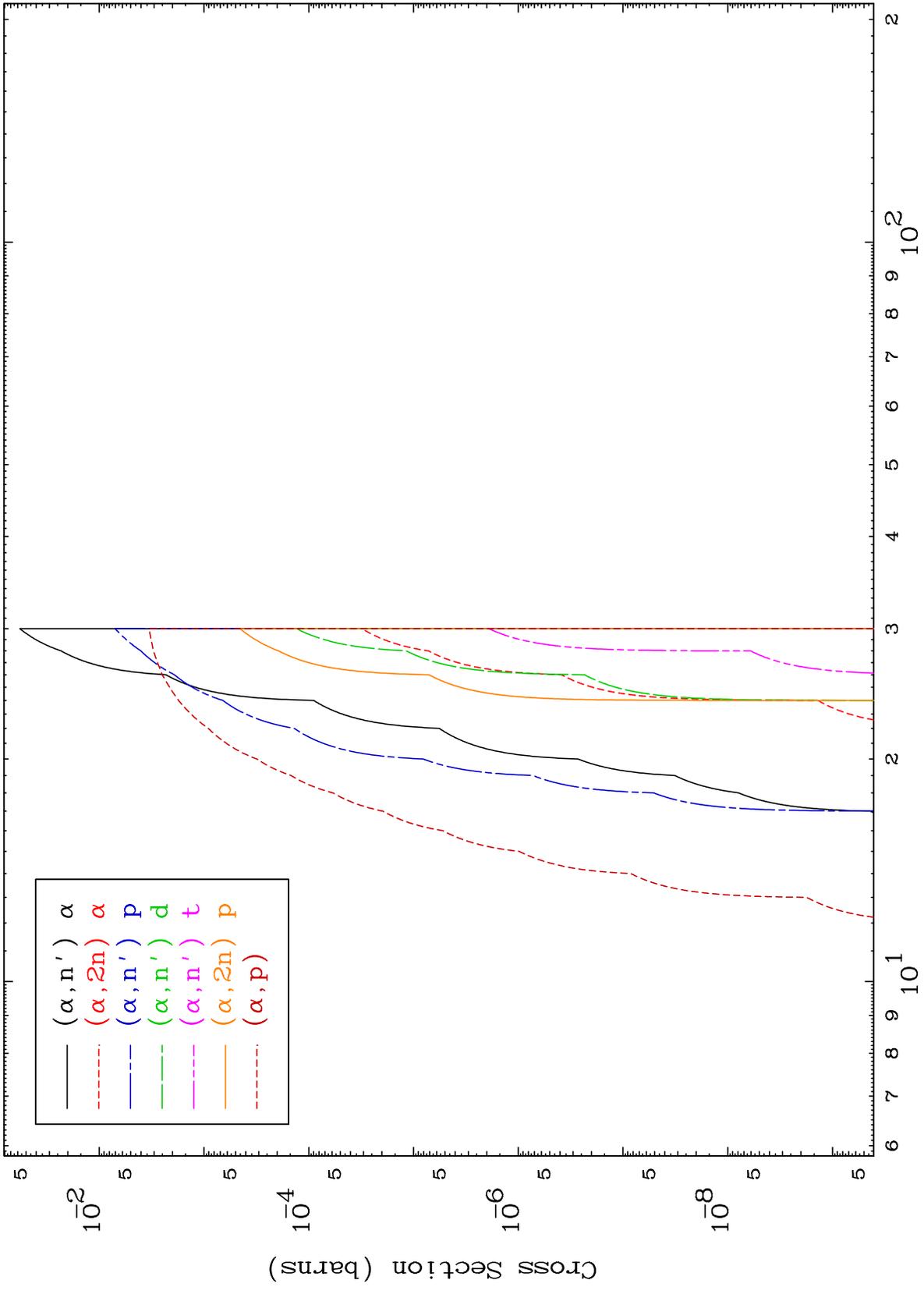
65-Tb-157

MAT 6519

α Neutron Production
0 Kelvin Cross Sections

65-Tb-157

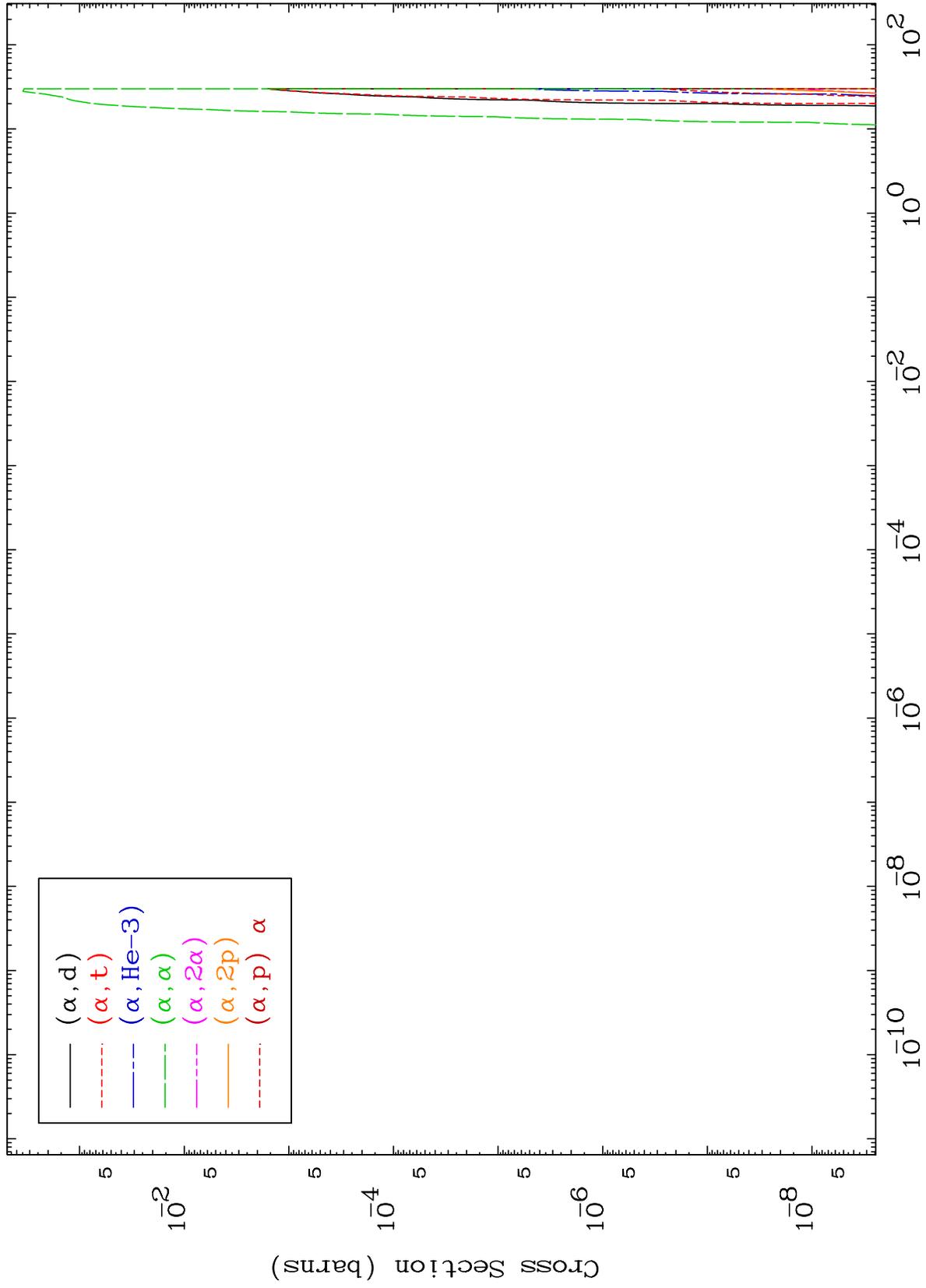




MAT 6519

α Charged Particle
0 Kelvin Cross Sections

65-Tb-157

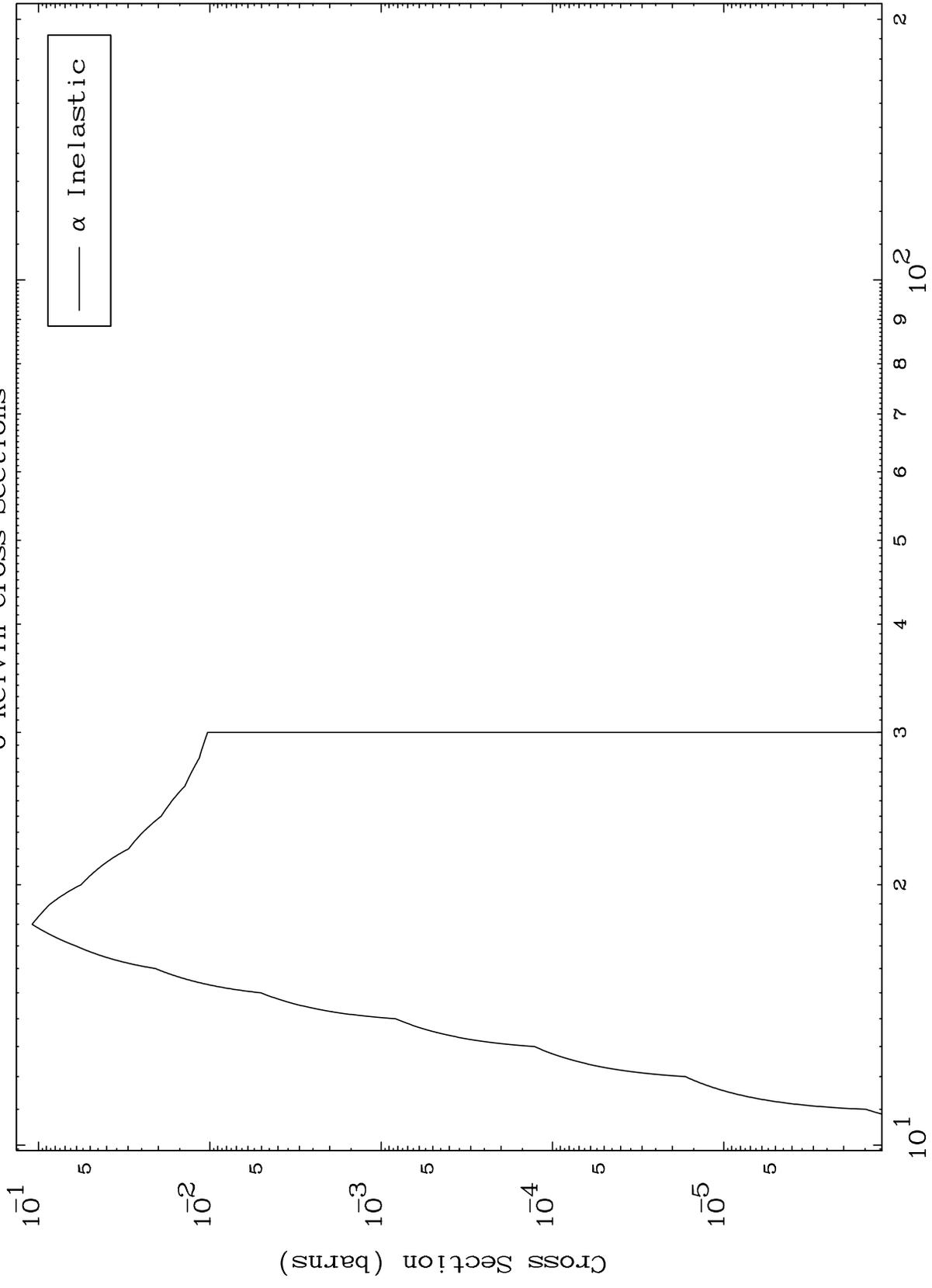


65-Tb-157

MAT 6519

(α, n') Level
0 Kelvin Cross Sections

65-Tb-157



Incident Energy (MeV)

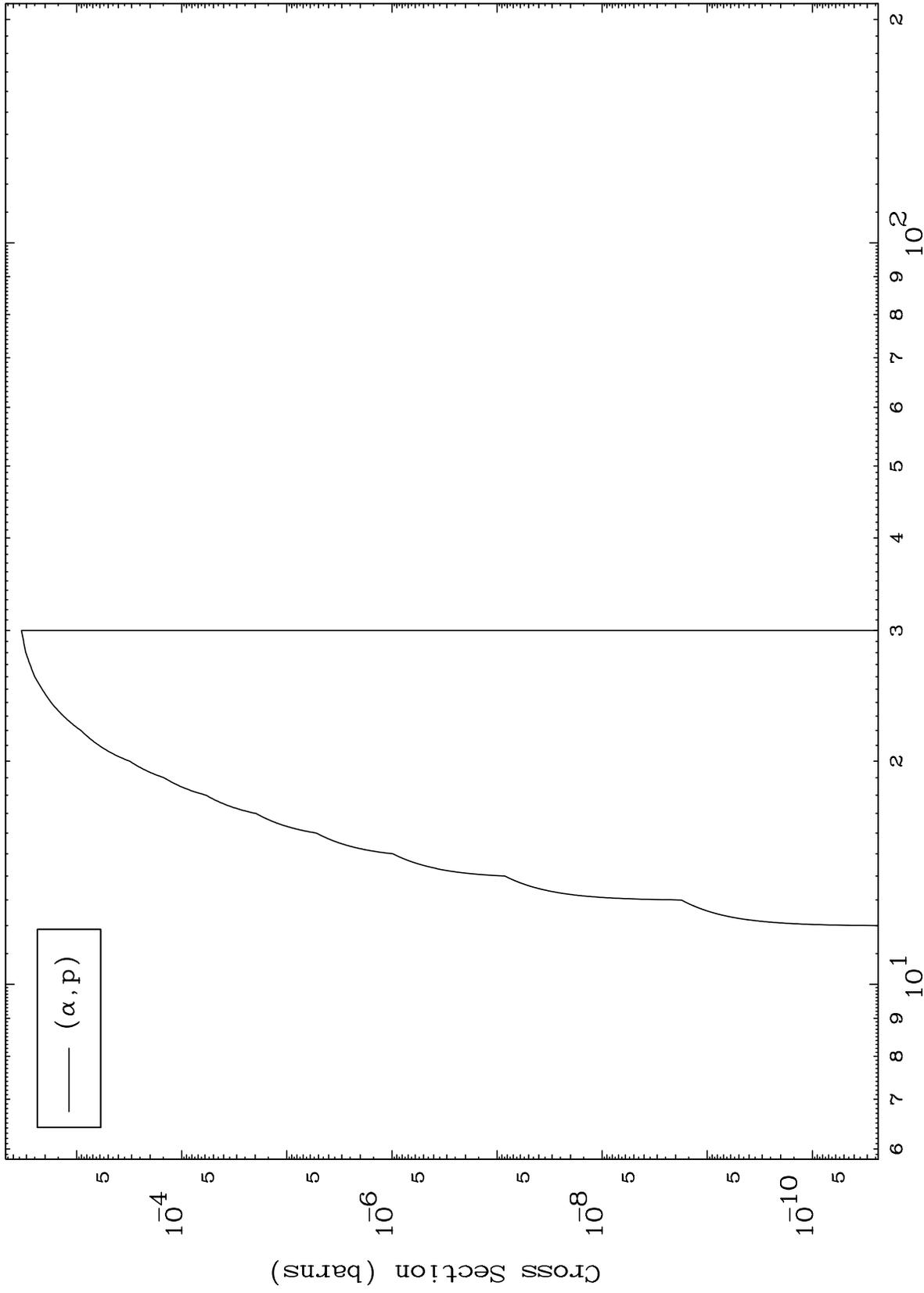
65-Tb-157

α Inelastic

MAT 6519

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-157



6

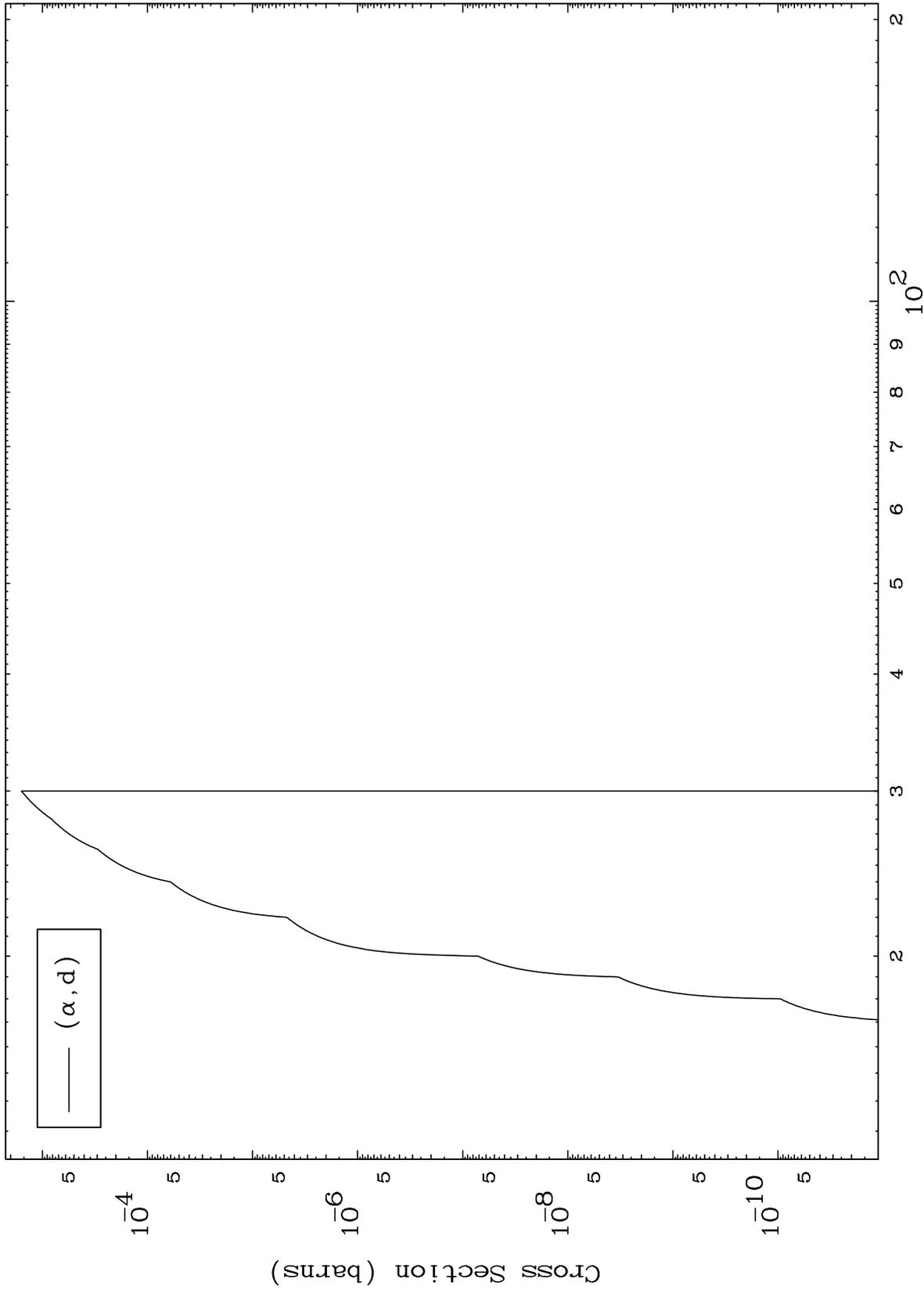
Incident Energy (MeV)

65-Tb-157

MAT 6519

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-157



7

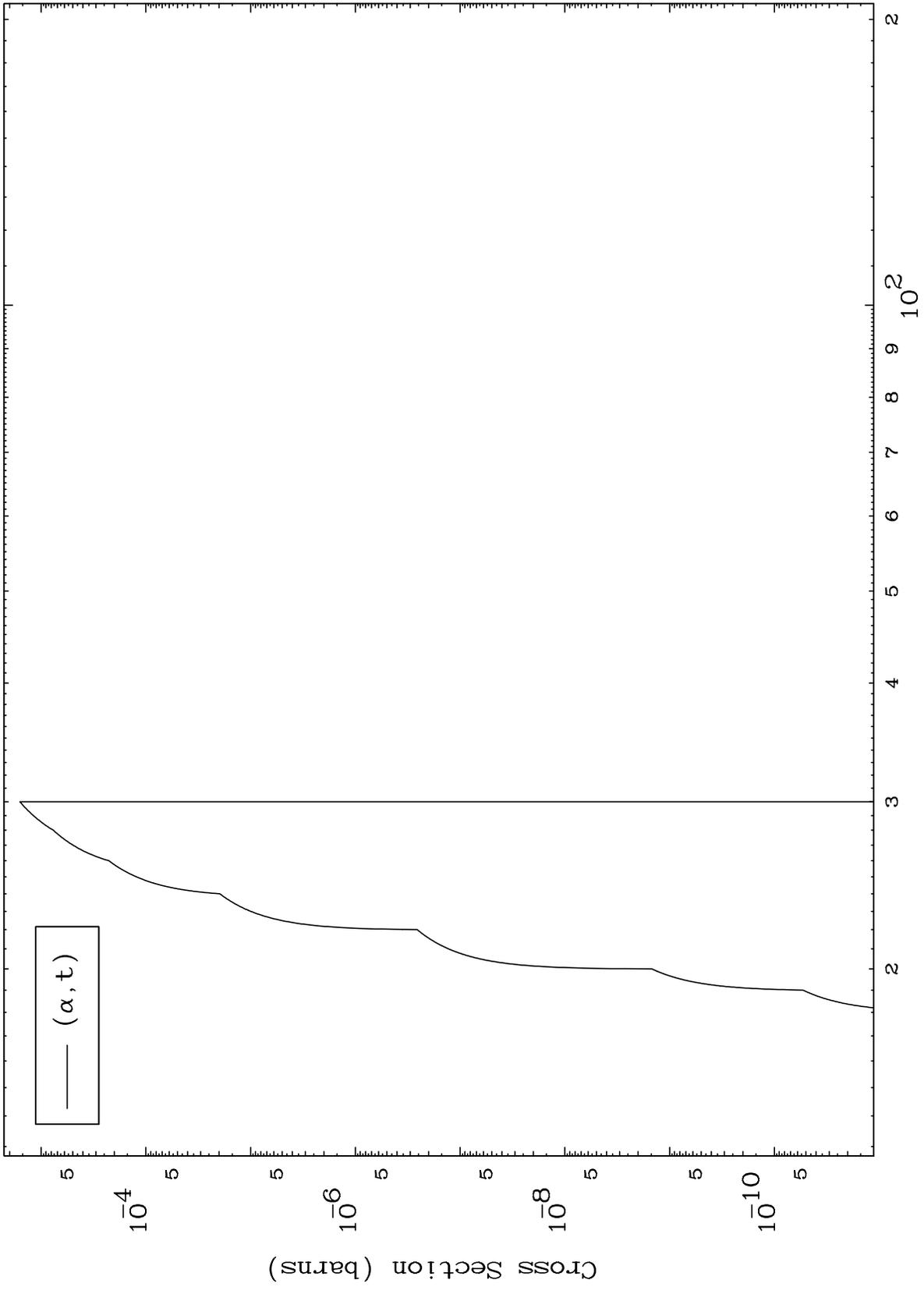
Incident Energy (MeV)

65-Tb-157

MAT 6519

(α, t) Levels
0 Kelvin Cross Sections

65-Tb-157



8

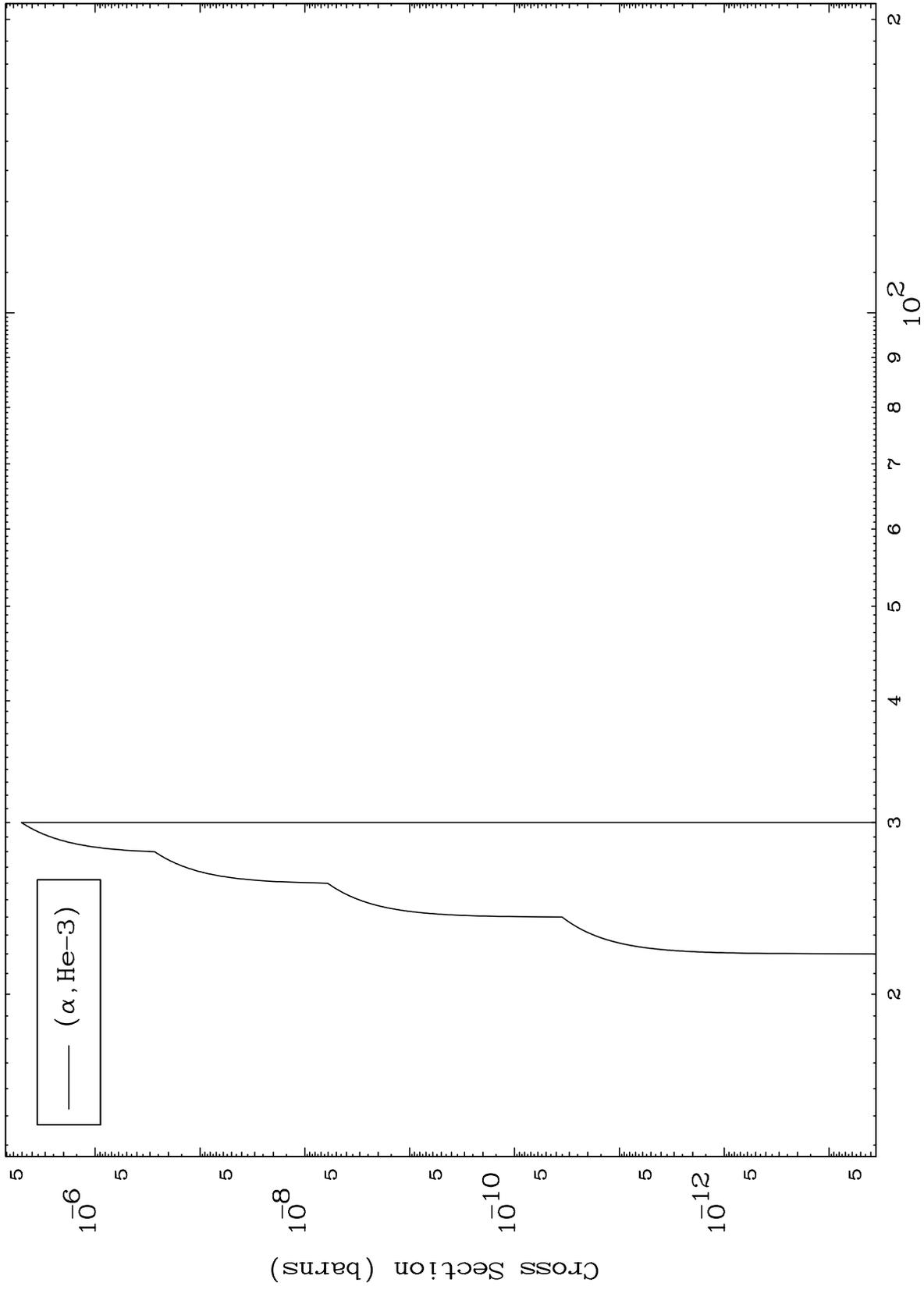
Incident Energy (MeV)

65-Tb-157

MAT 6519

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

65-Tb-157



9

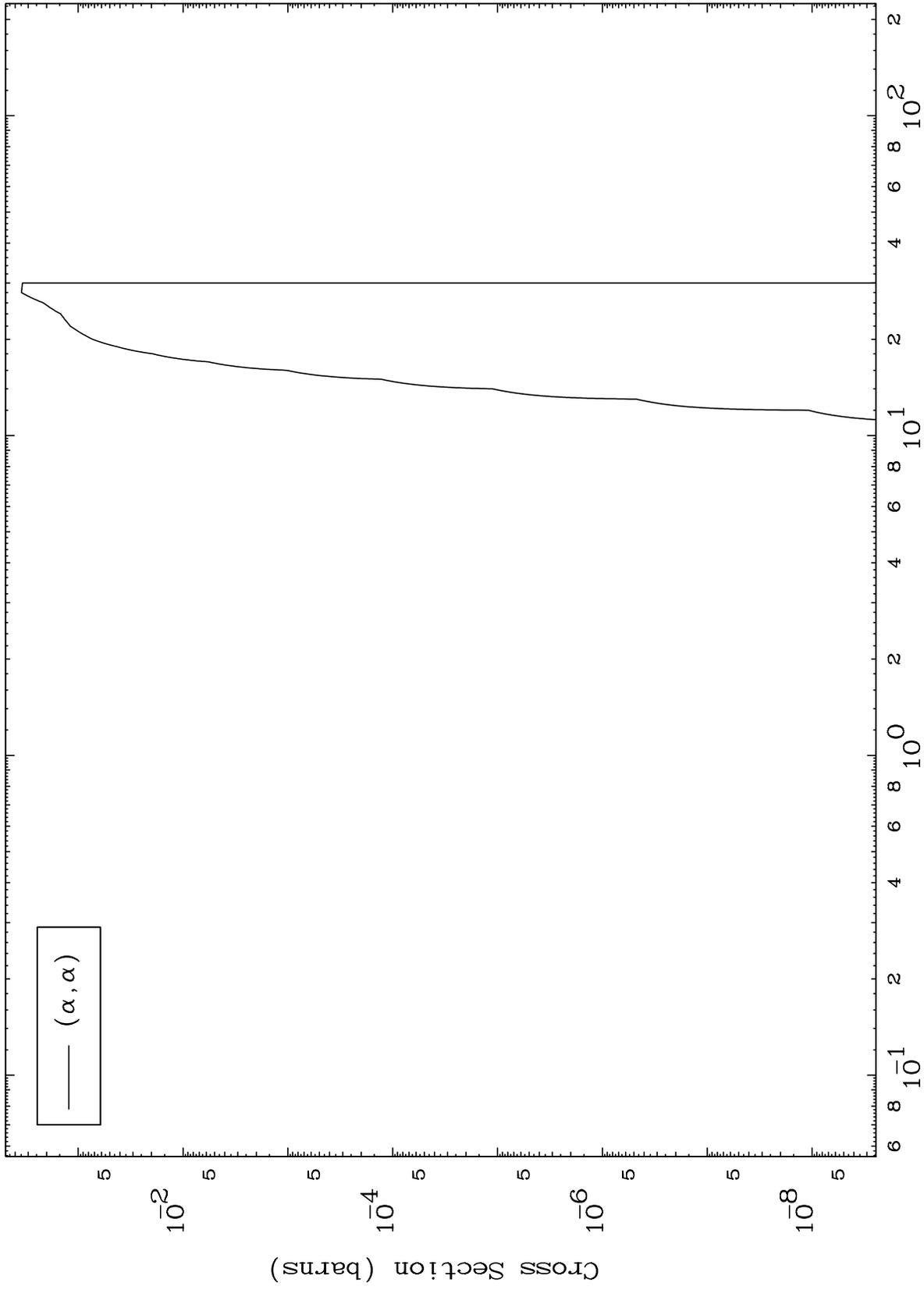
Incident Energy (MeV)

65-Tb-157

MAT 6519

(α, α) Levels
0 Kelvin Cross Sections

65-Tb-157



10

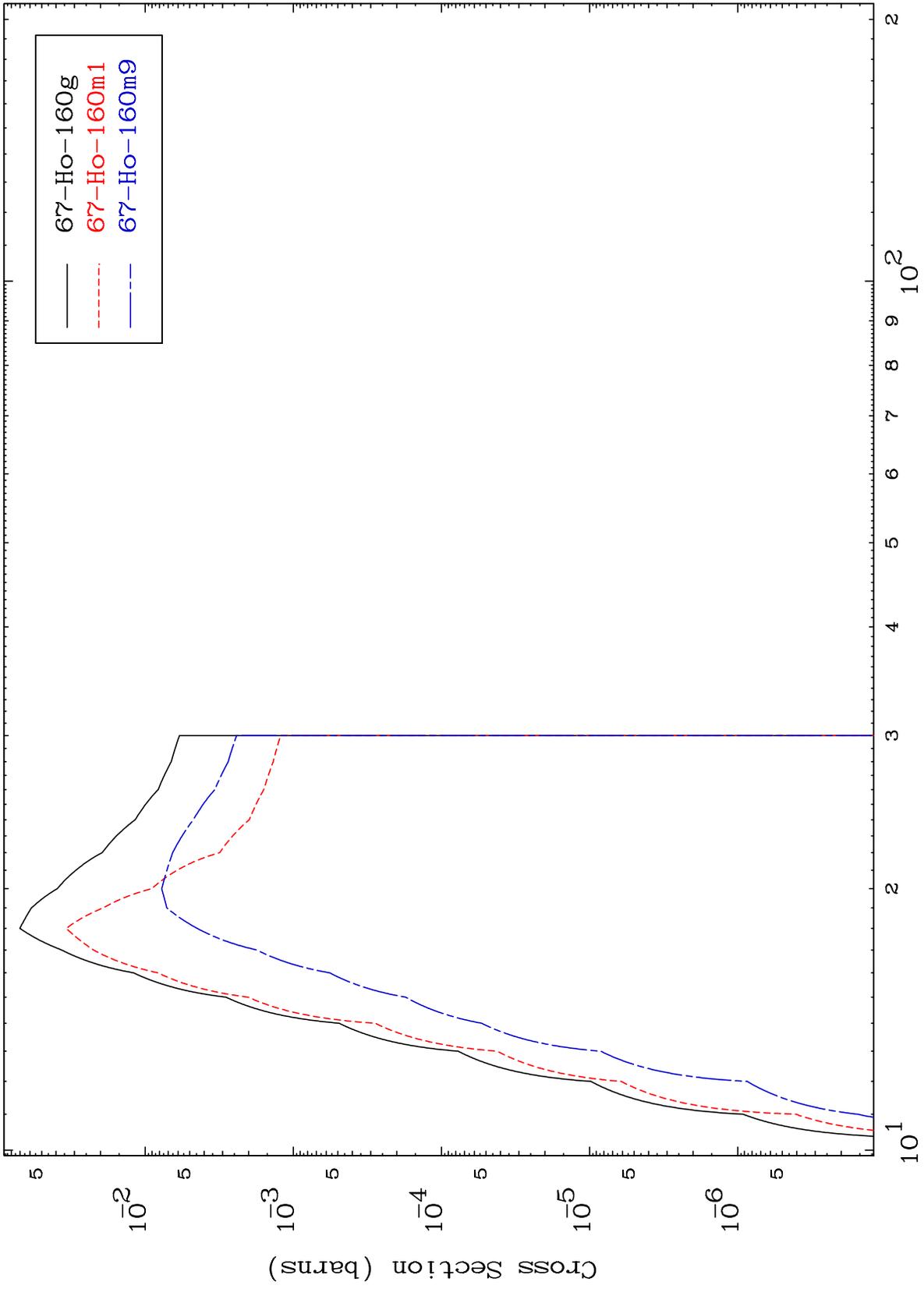
Incident Energy (MeV)

65-Tb-157

MAT 6519

Radionuclide Production Cross Section

65-Tb-157



10¹

2

3

4

5

6

65-Tb-157

10²

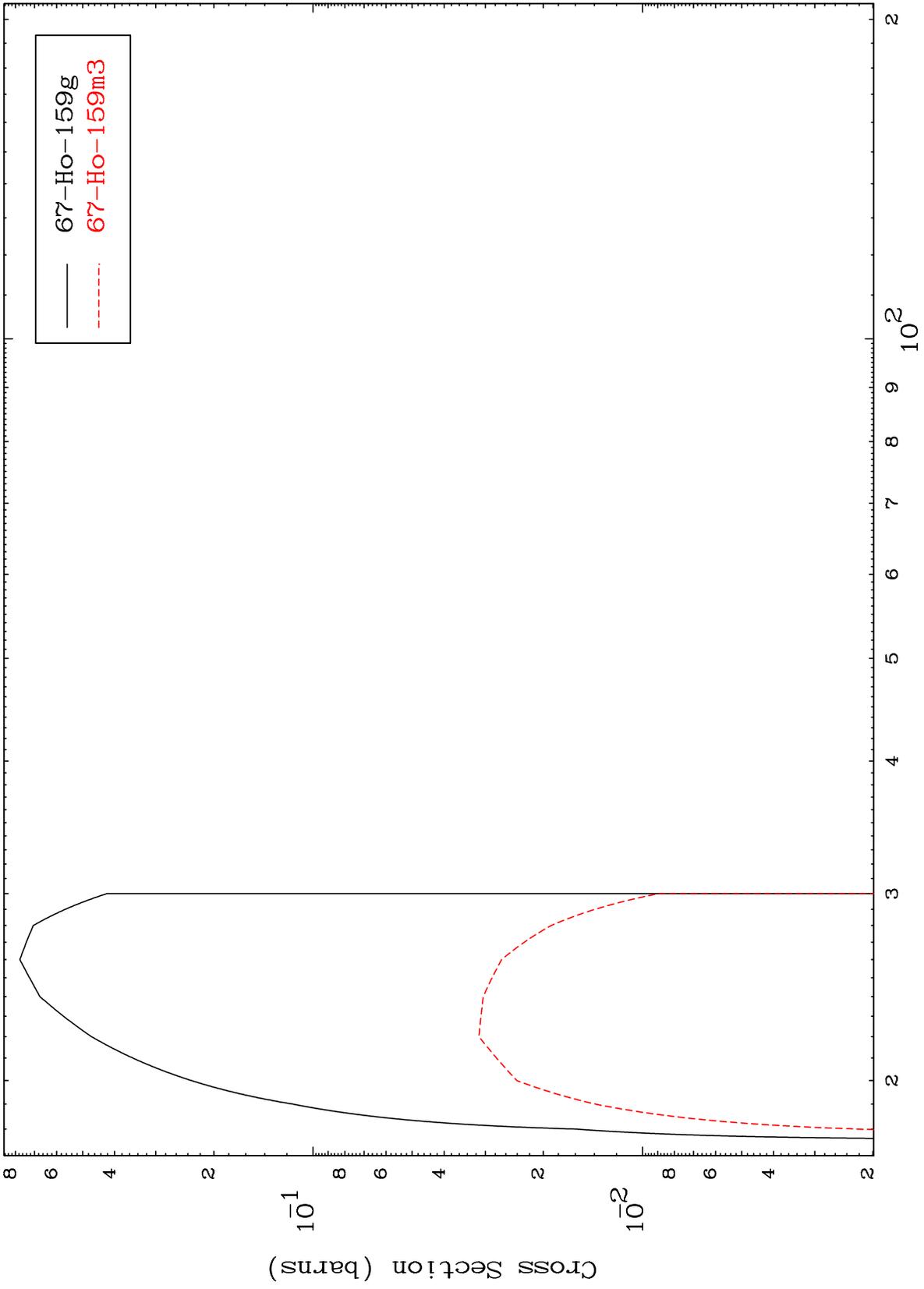
Incident Energy (MeV)

11

MAT 6519

65-Tb-157

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



12

Incident Energy (MeV)

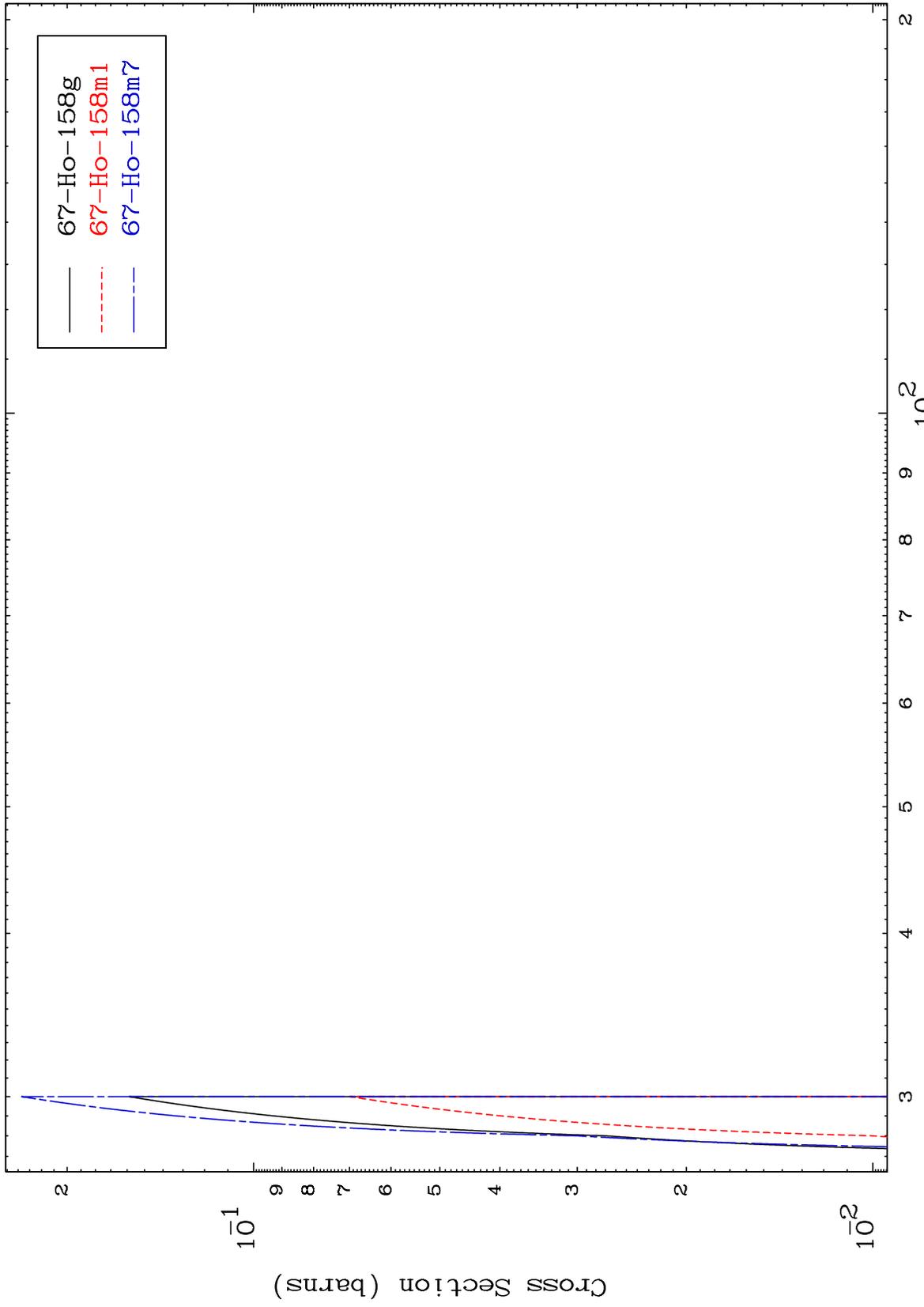
65-Tb-157

MAT 6519

($\alpha, 3n$)

65-Tb-157

Radionuclide Production Cross Section



13

Incident Energy (MeV)

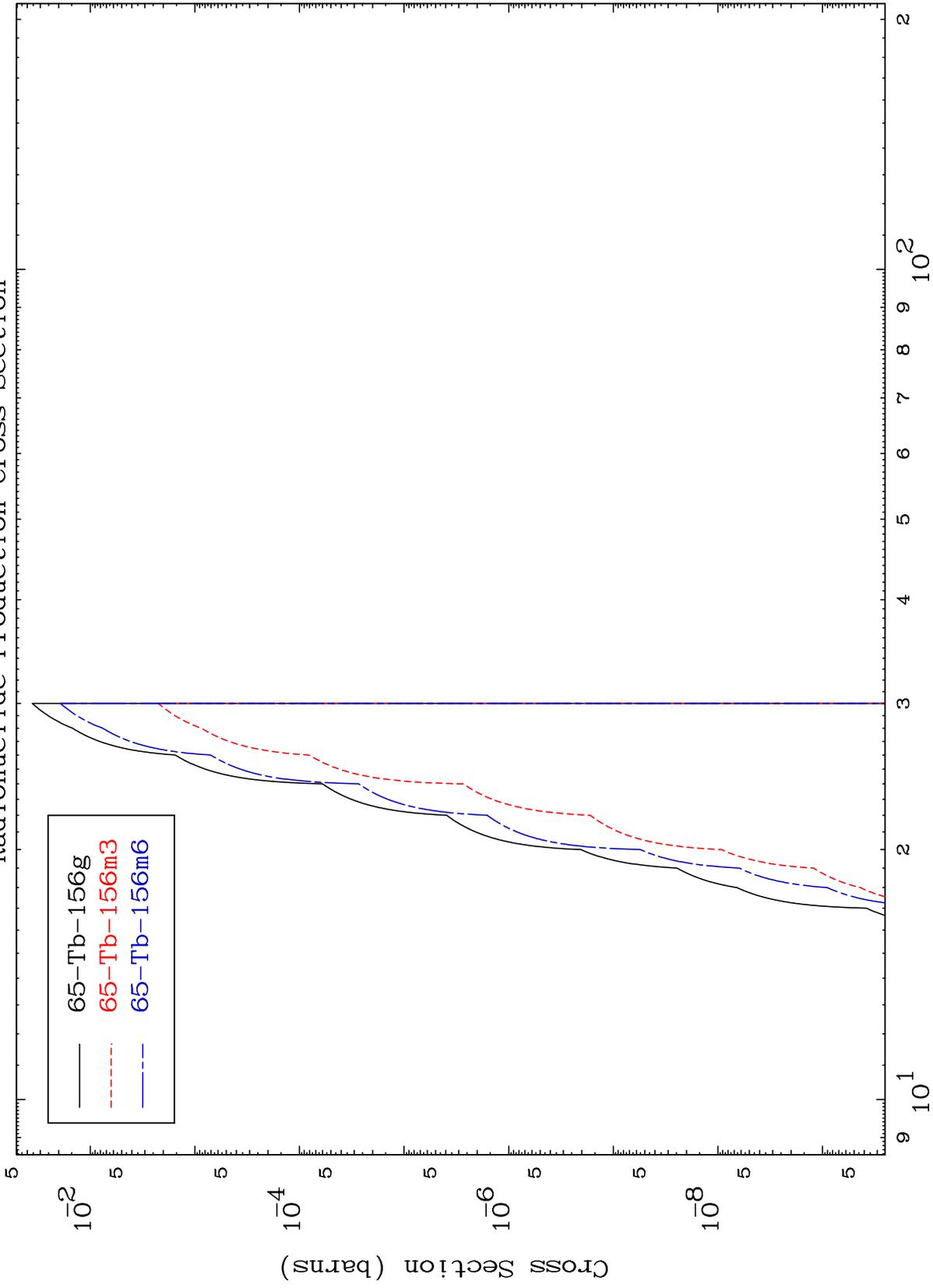
65-Tb-157

MAT 6519

(α, n') α

65-Tb-157

Radionuclide Production Cross Section

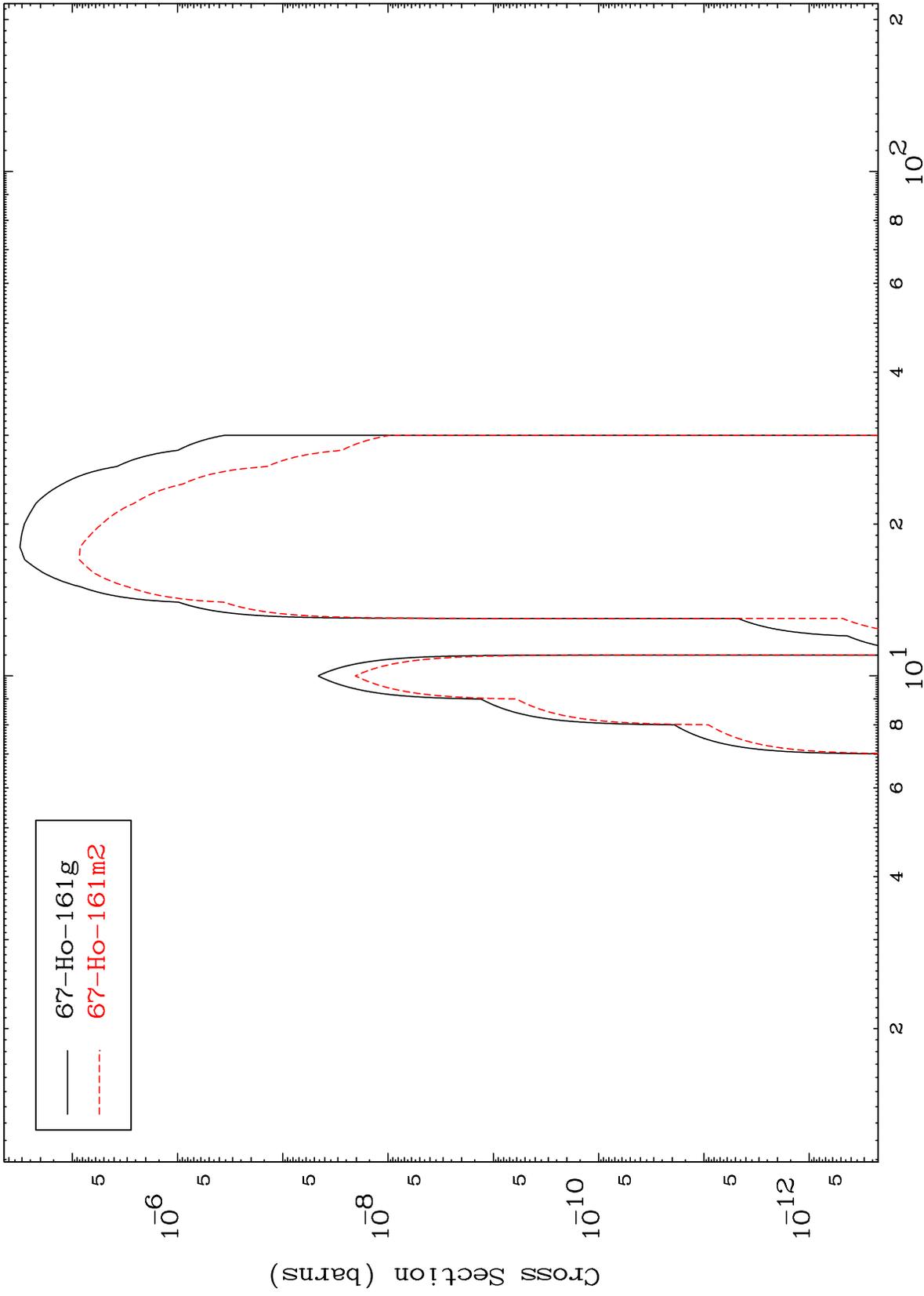


65-Tb-156g
65-Tb-156m3
65-Tb-156m6

MAT 6519

Radionuclide Production Cross Section
(α, γ)

65-Tb-157



15

Incident Energy (MeV)

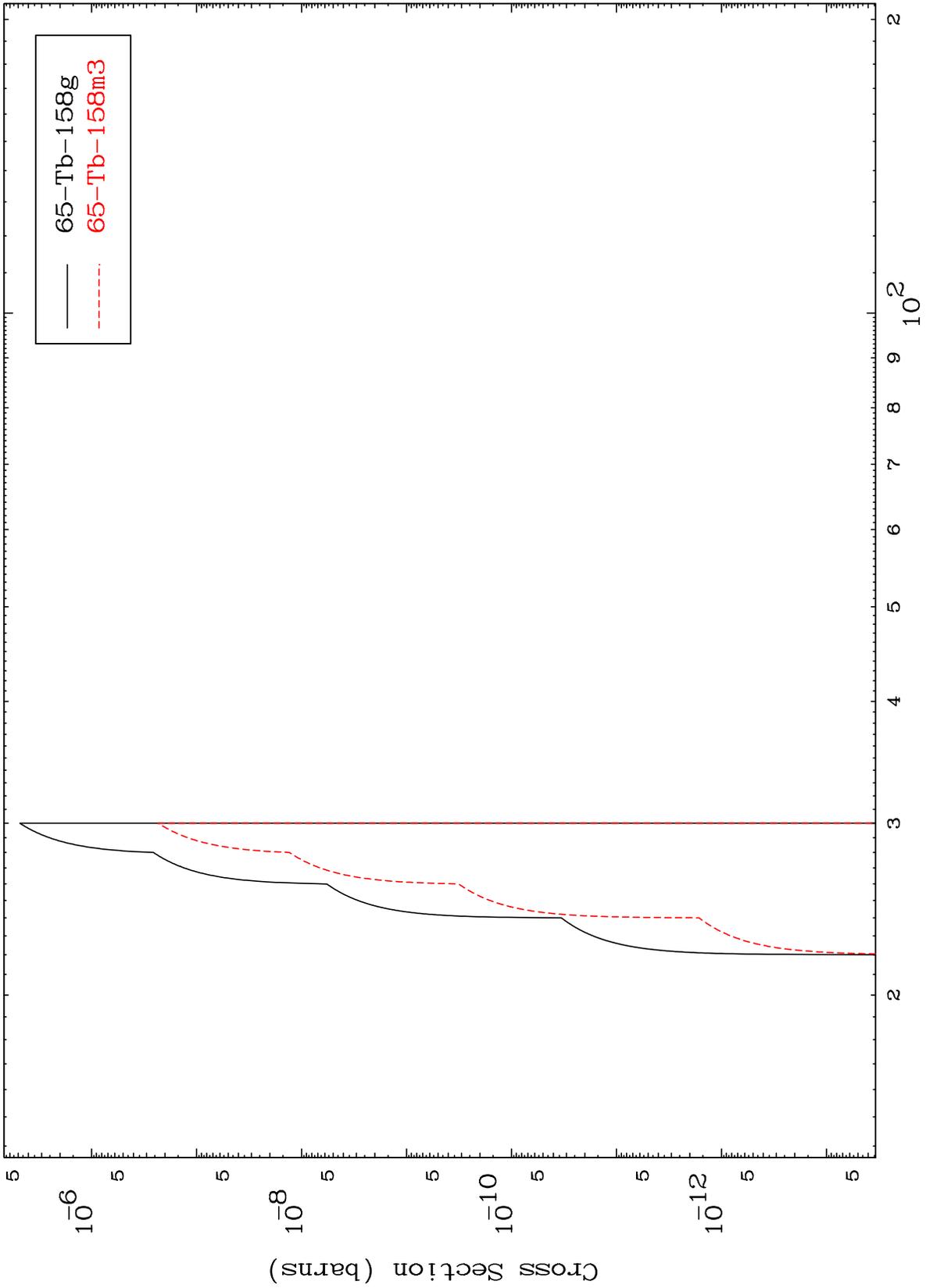
65-Tb-157

MAT 6519

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

65-Tb-157

Radionuclide Production Cross Section



16

Incident Energy (MeV)

65-Tb-157