

Program EVALPLOT
(Version 2018-1)

by

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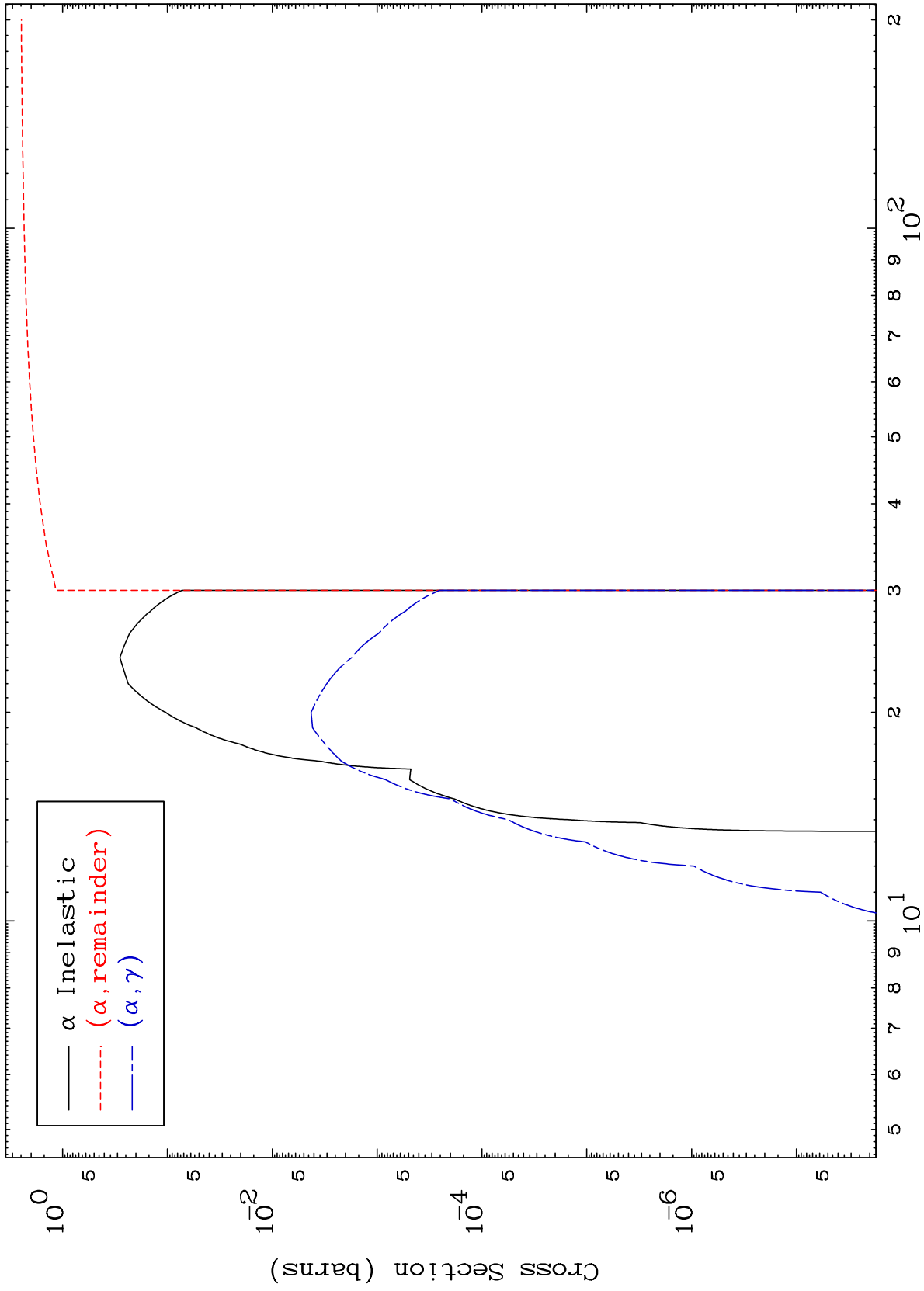
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6992

0 Kelvin α Major
Cross Sections

70-Yb-157



1

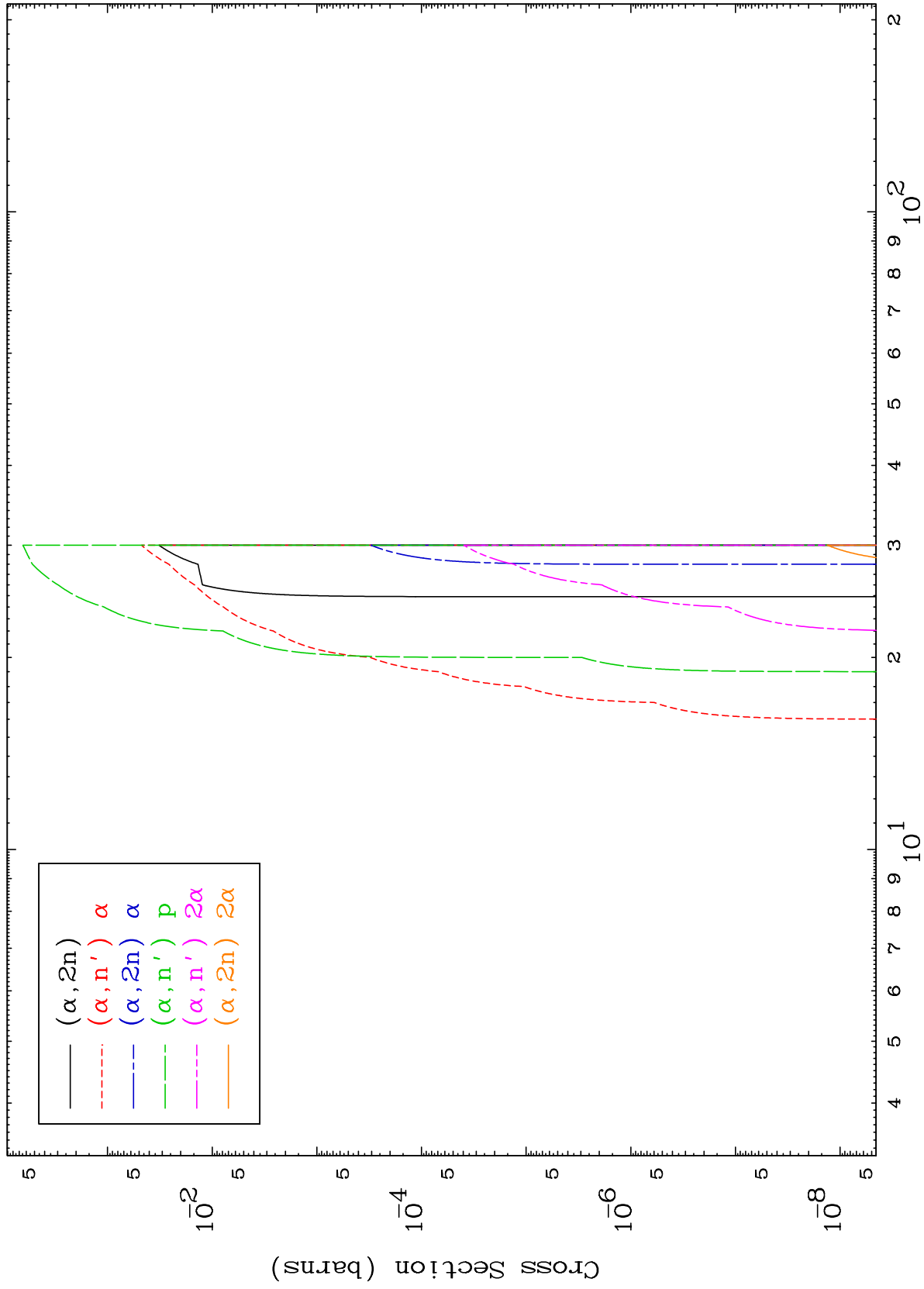
Incident Energy (MeV)

70-Yb-157

MAT 6992

α Neutron Production
0 Kelvin Cross Sections

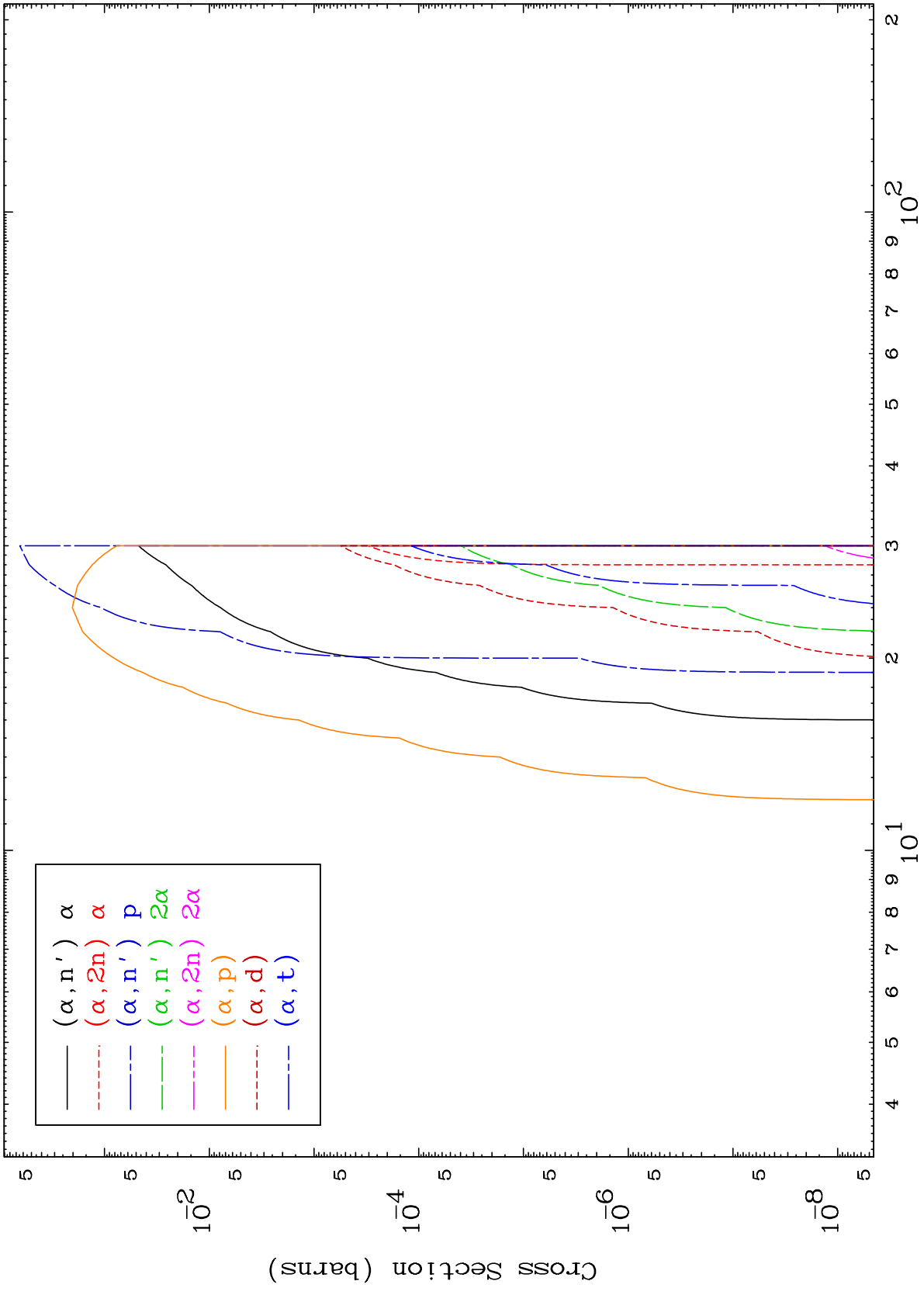
70-Yb-157



2

Incident Energy (MeV)

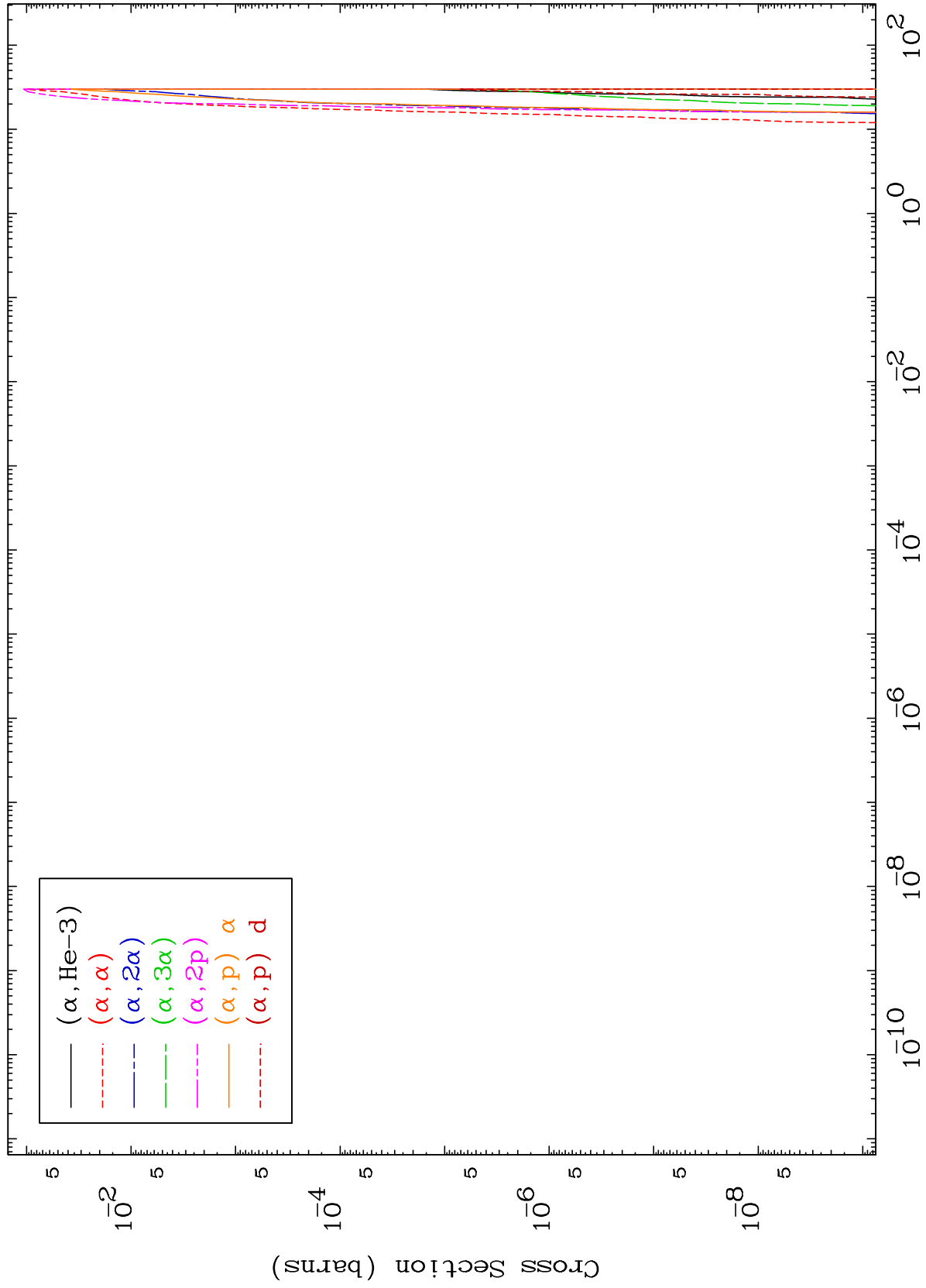
70-Yb-157



MAT 6992

α Charged Particle
0 Kelvin Cross Sections

70-Yb-157

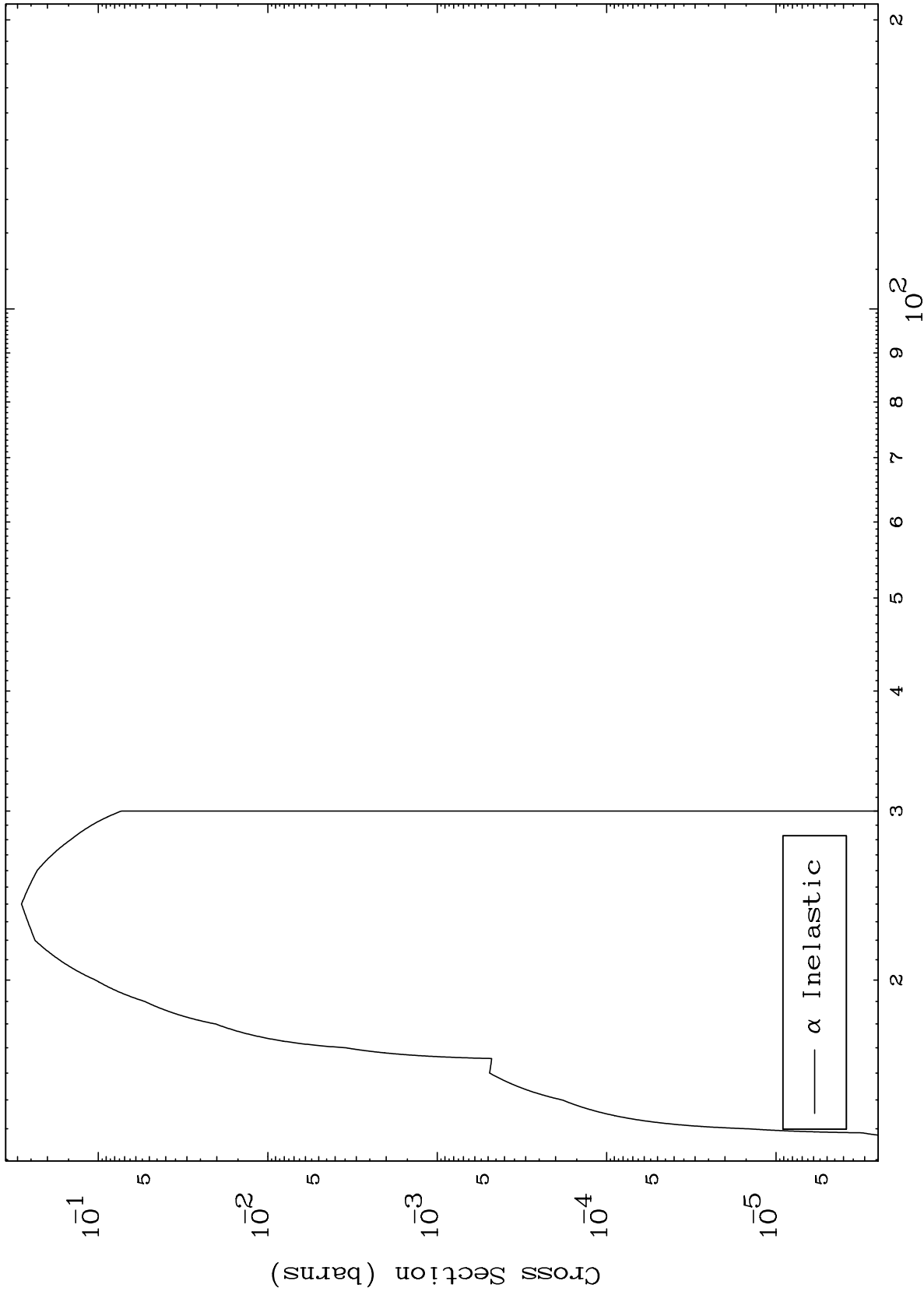


70-Yb-157

MAT 6992

(α, n') Level
0 Kelvin Cross Sections

70-Yb-157



5

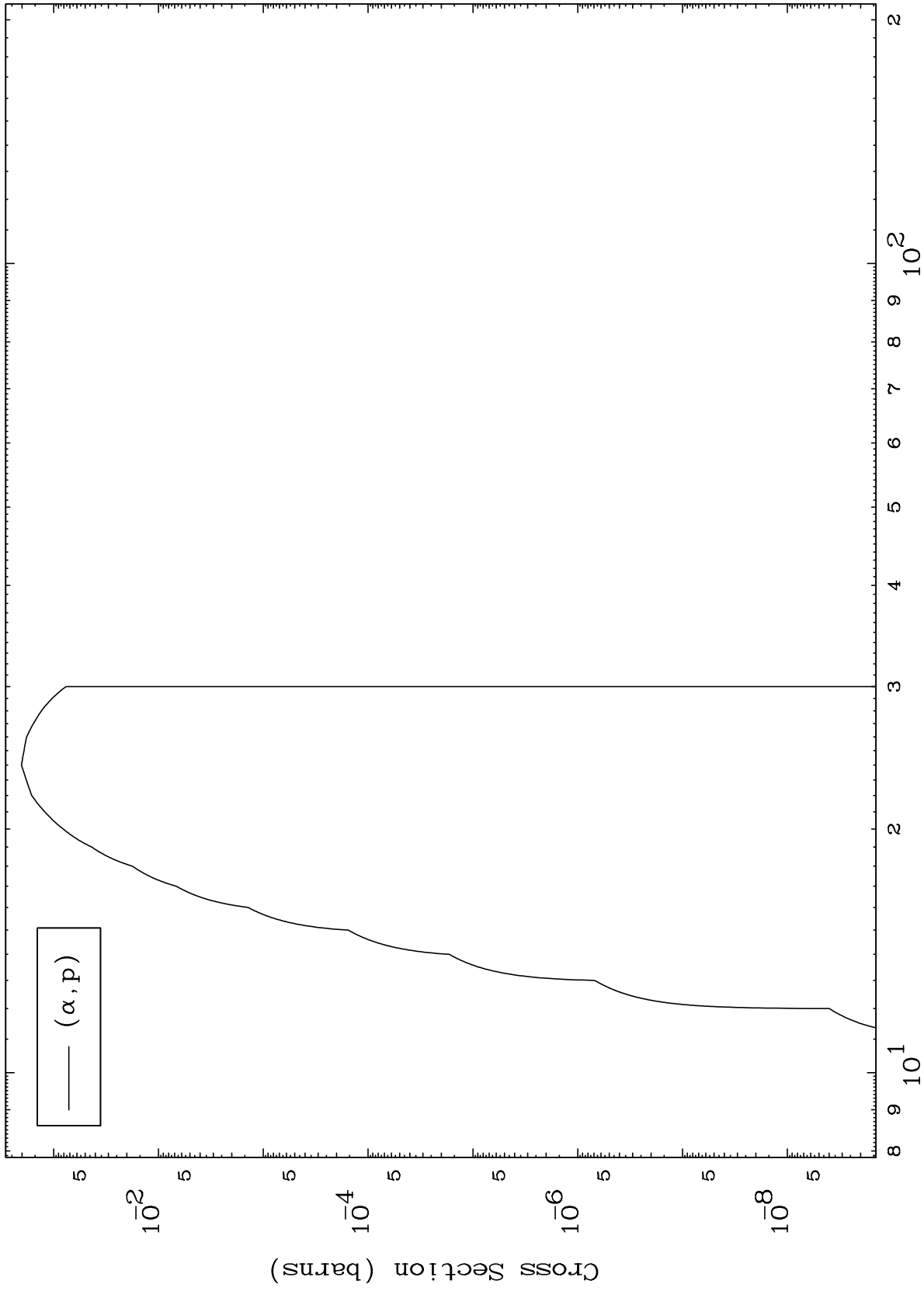
Incident Energy (MeV)

70-Yb-157

MAT 6992

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-157



6

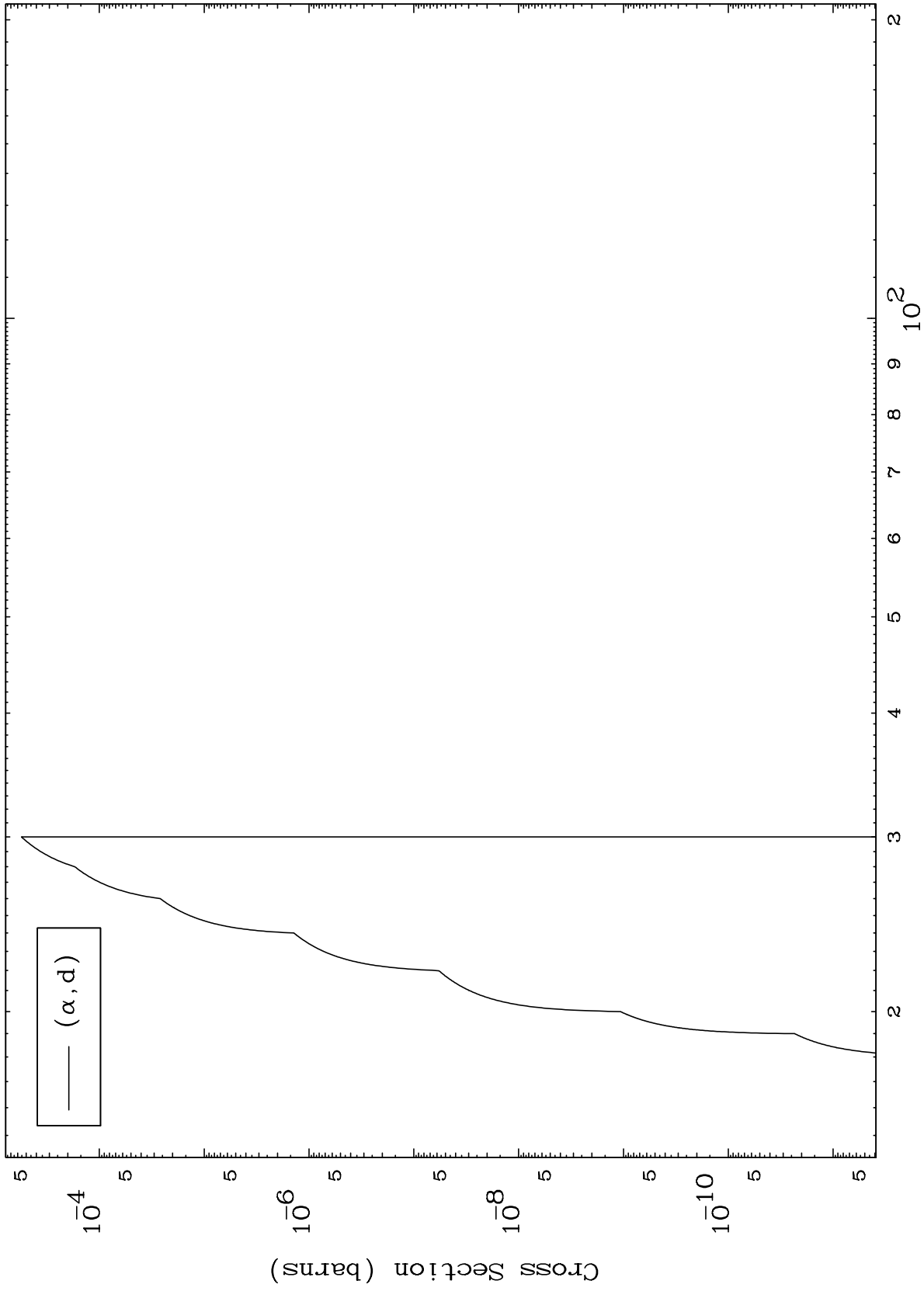
Incident Energy (MeV)

70-Yb-157

MAT 6992

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-157



7

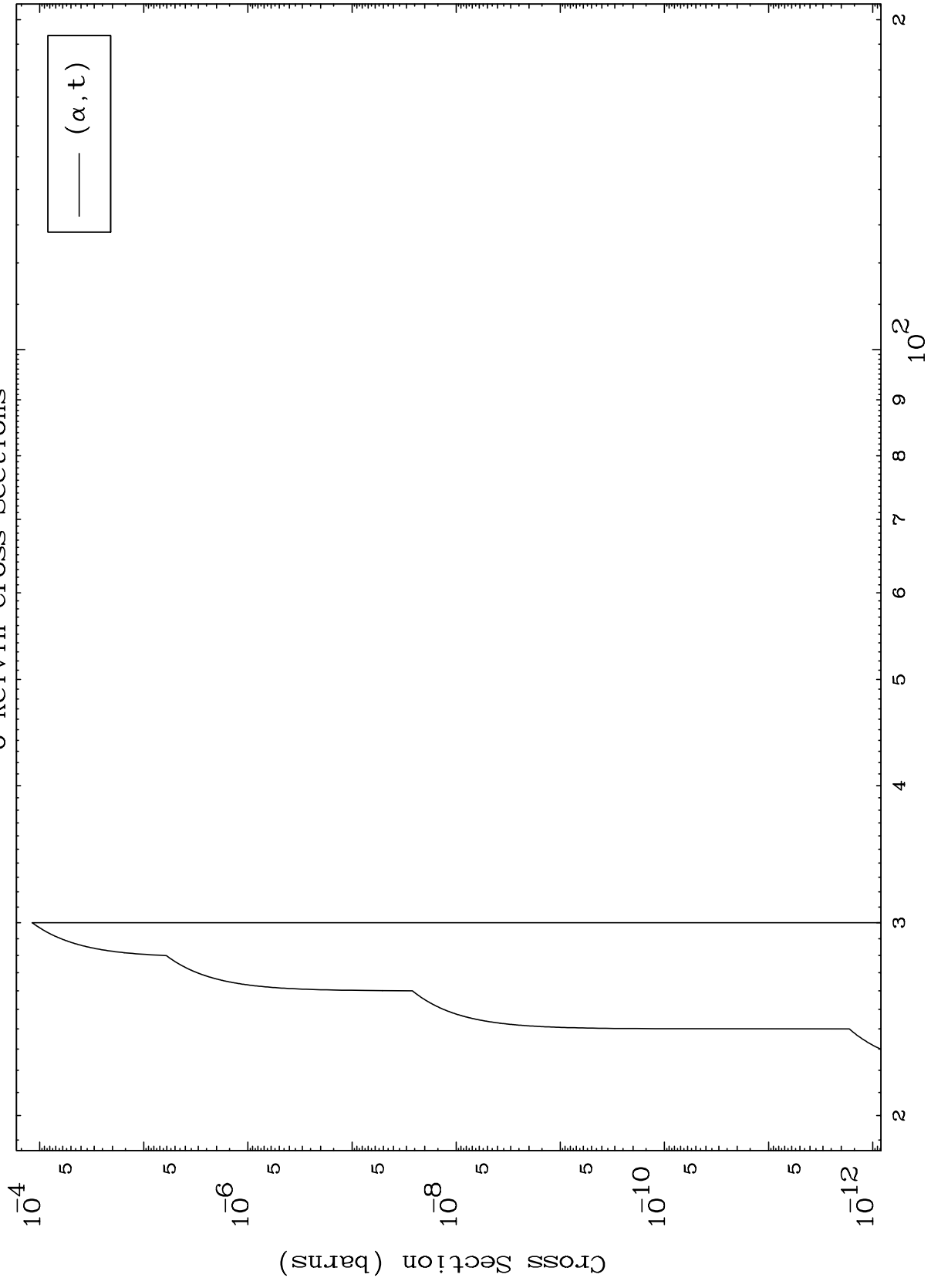
Incident Energy (MeV)

70-Yb-157

MAT 6992

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-157



8

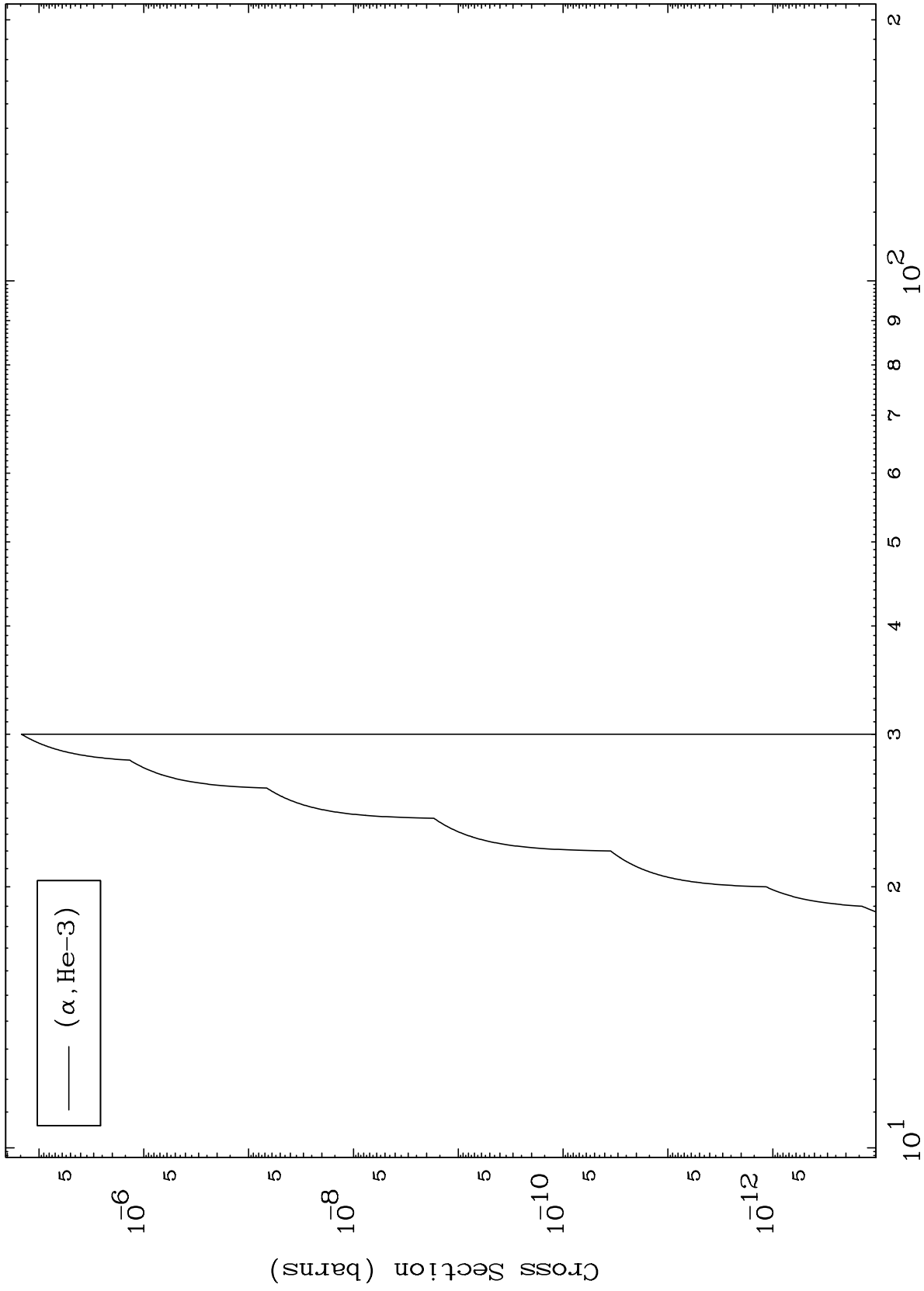
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



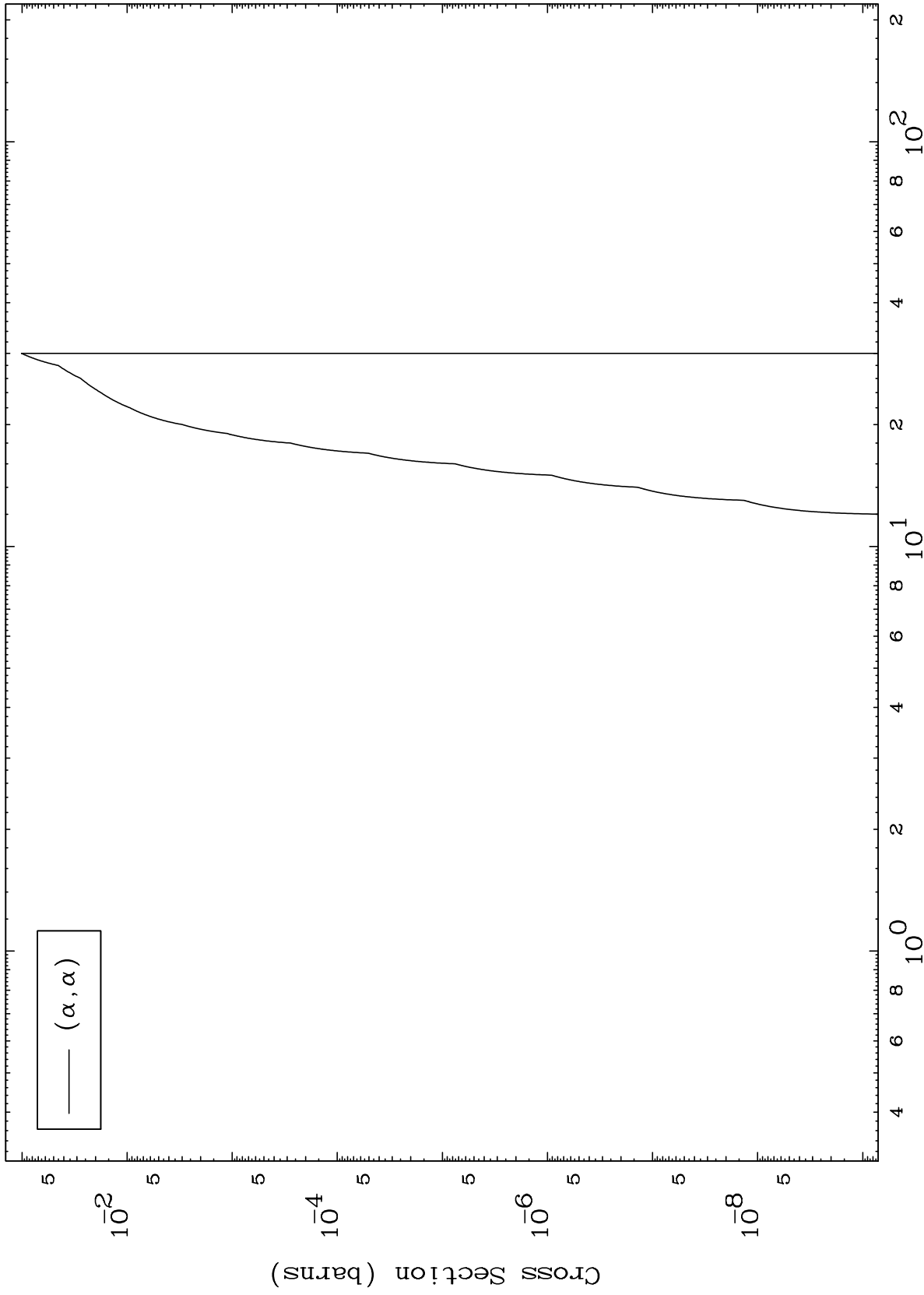
Incident Energy (MeV)

70-Yb-157

MAT 6992

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-157



10

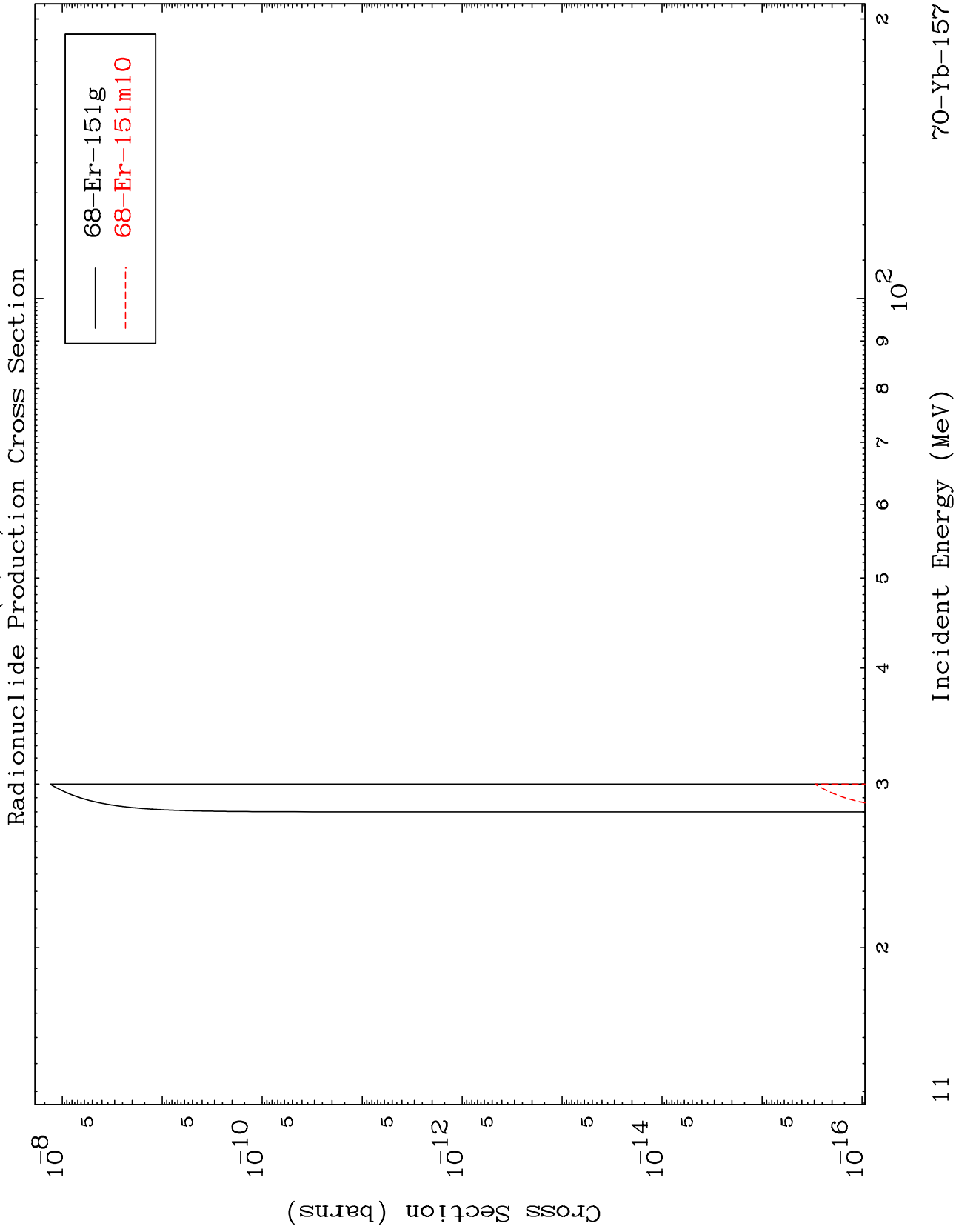
Incident Energy (MeV)

70-Yb-157

MAT 6992

$(\alpha, 2n) 2\alpha$

70-Yb-157

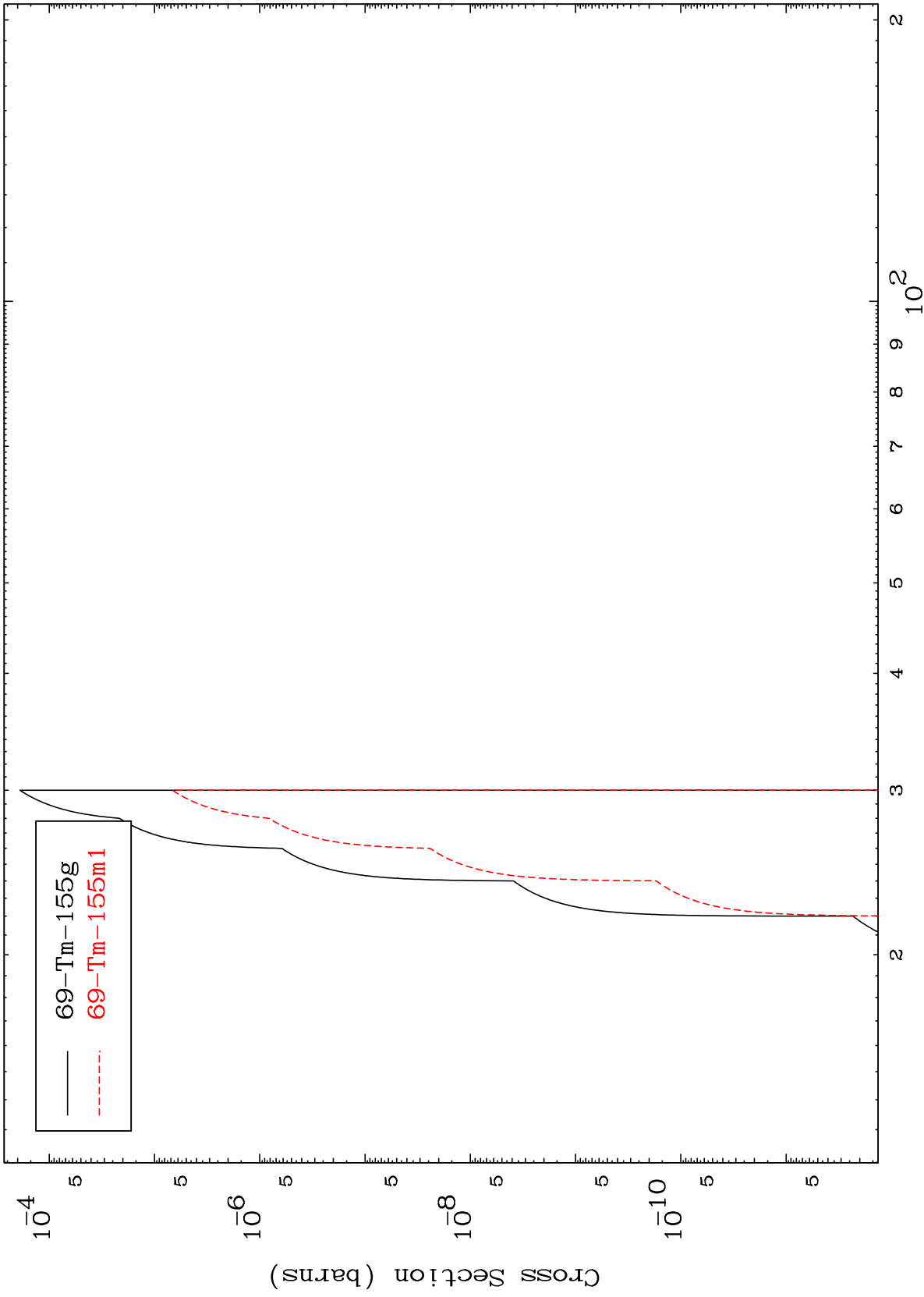


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(α, n') p α

70-Yb-157

Radionuclide Production Cross Section



12

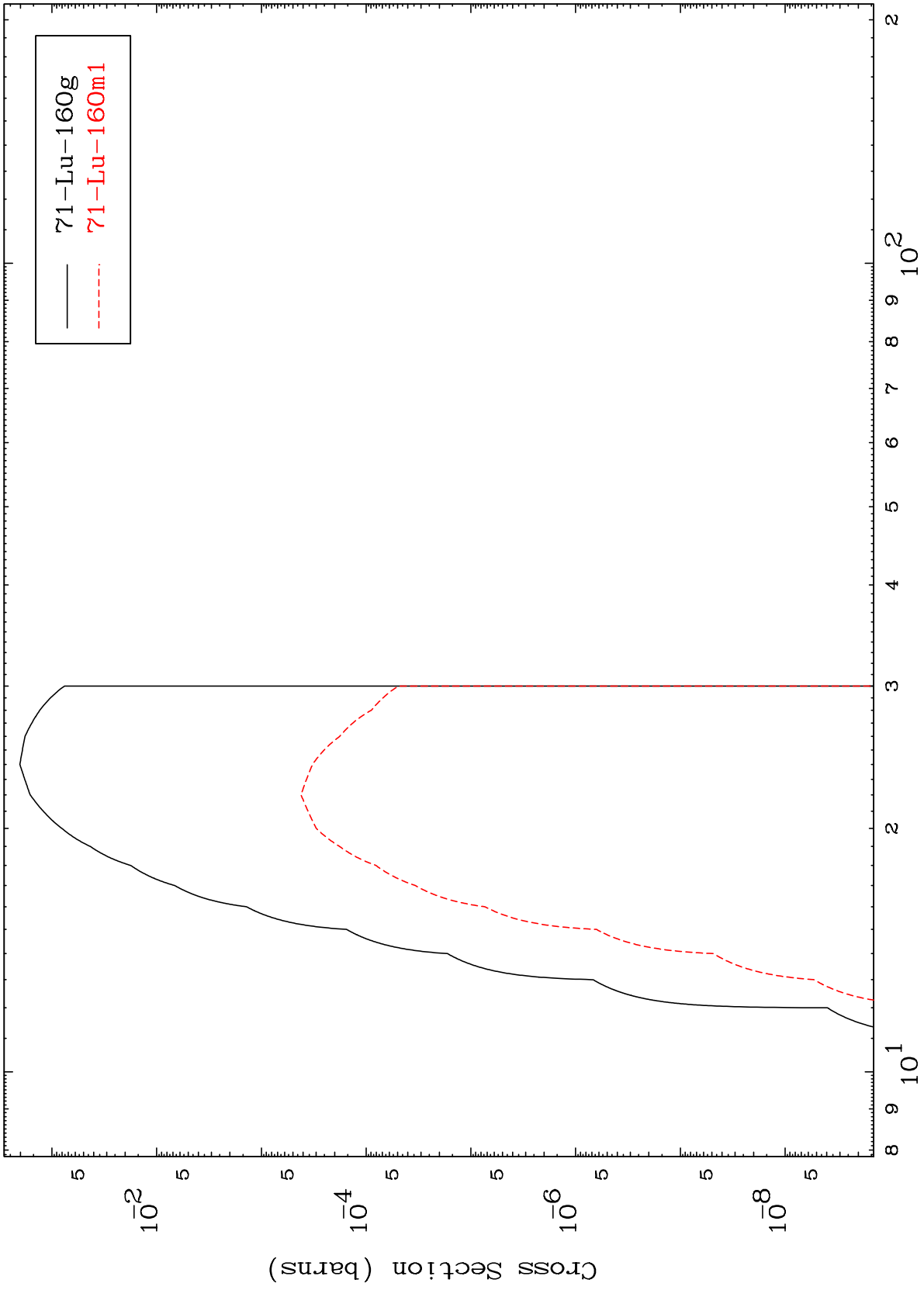
Incident Energy (MeV)

70-Yb-157

MAT 6992

70-Yb-157

(α, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

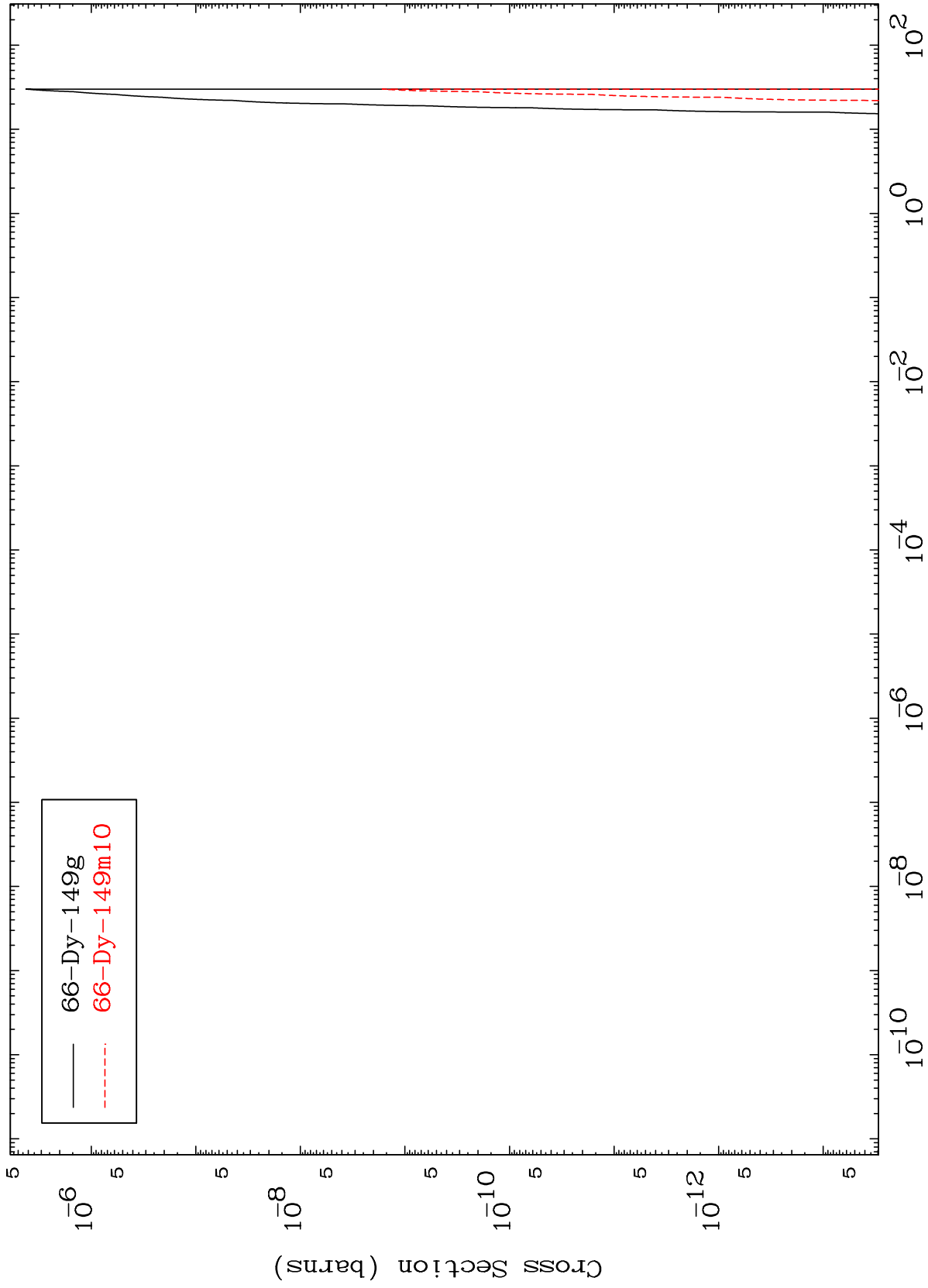
70-Yb-157

MAT 6992

($\alpha, 3\alpha$)

⁷⁰Yb-157

Radionuclide Production Cross Section

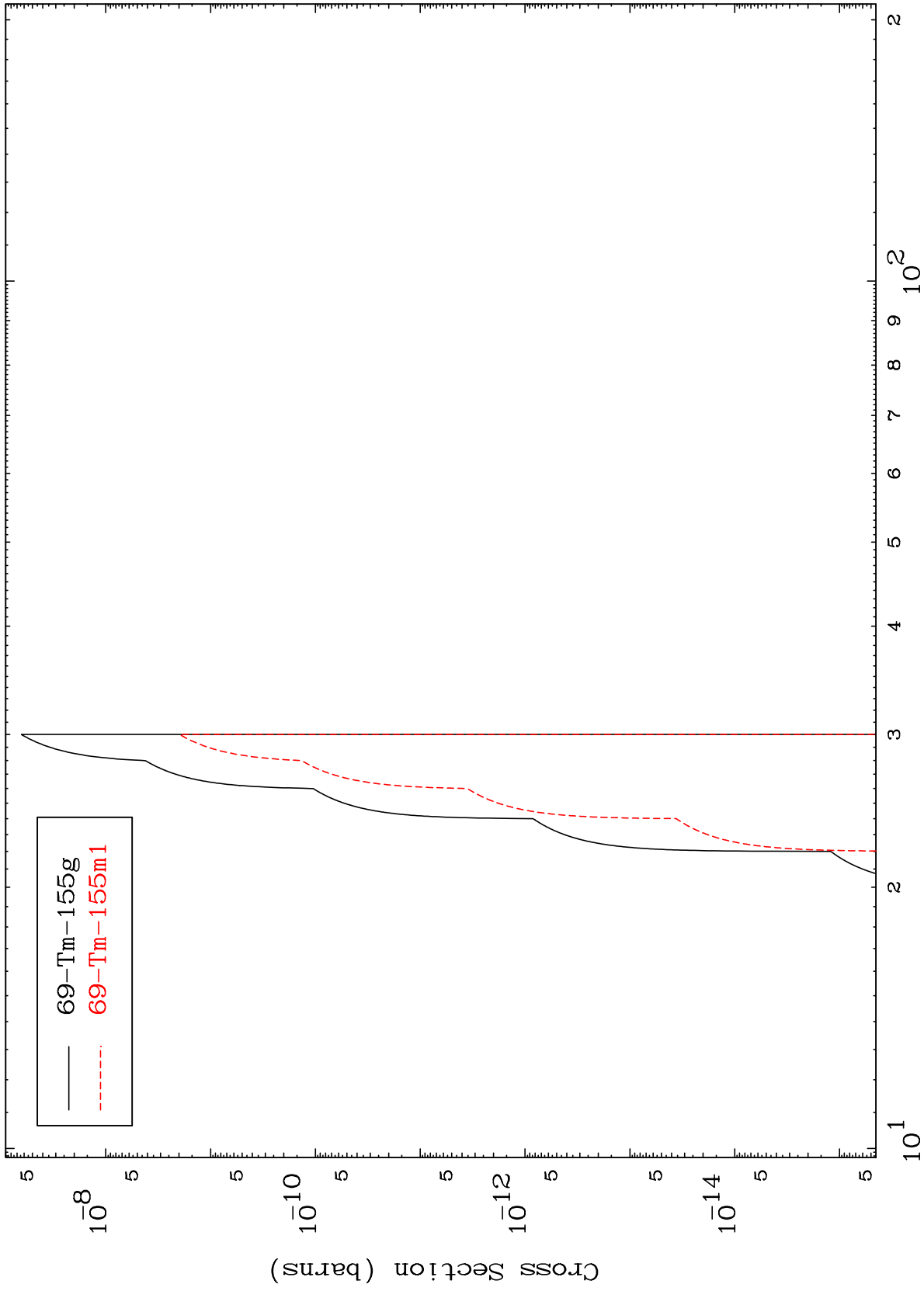


MAT 6992

(α, d) α

70-Yb-157

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

70-Yb-157

70-Yb-157