

Program EVALPLOT
(Version 2018-1)

by

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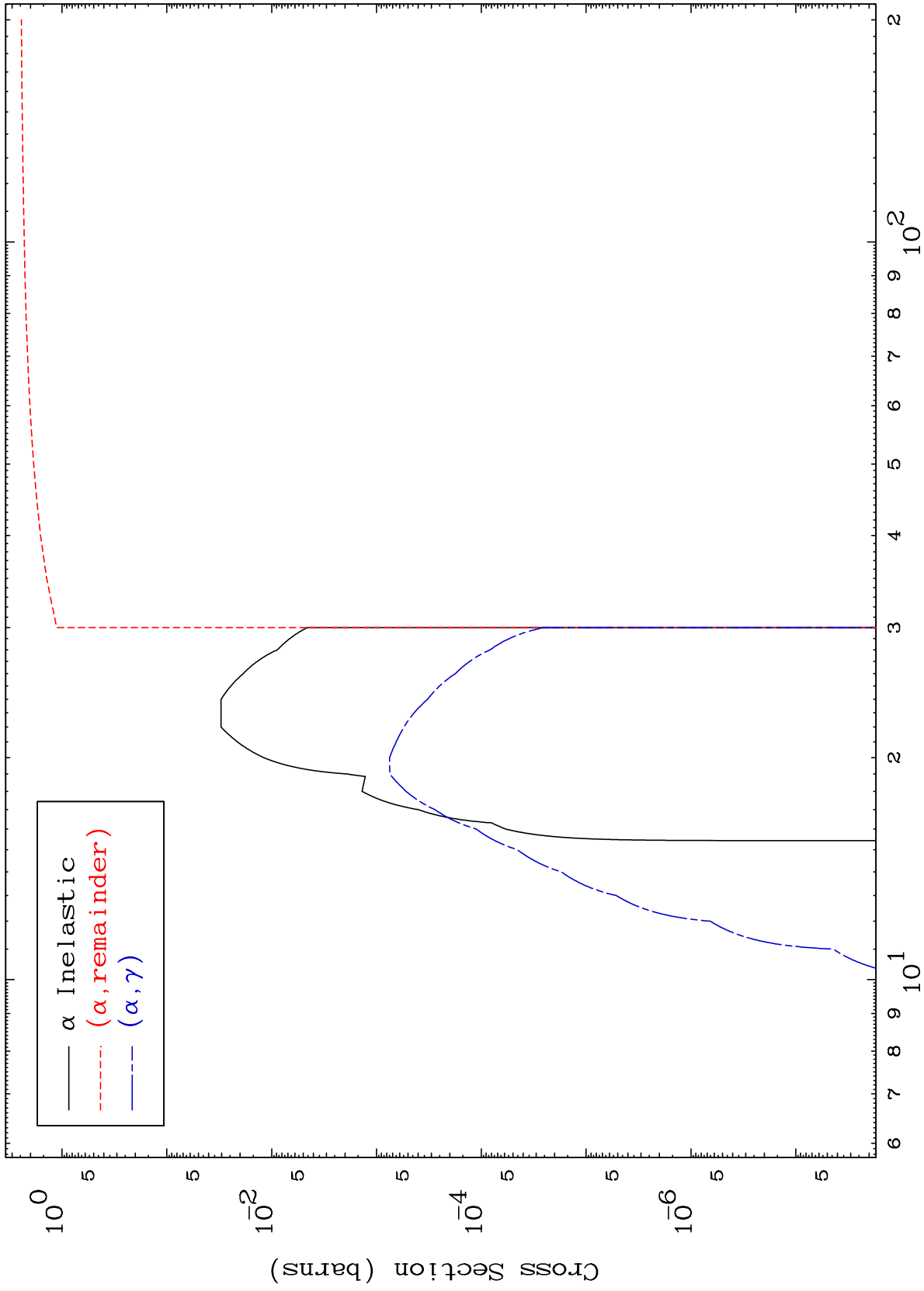
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6980

0 Kelvin α Major
Cross Sections

70-Yb-153



1

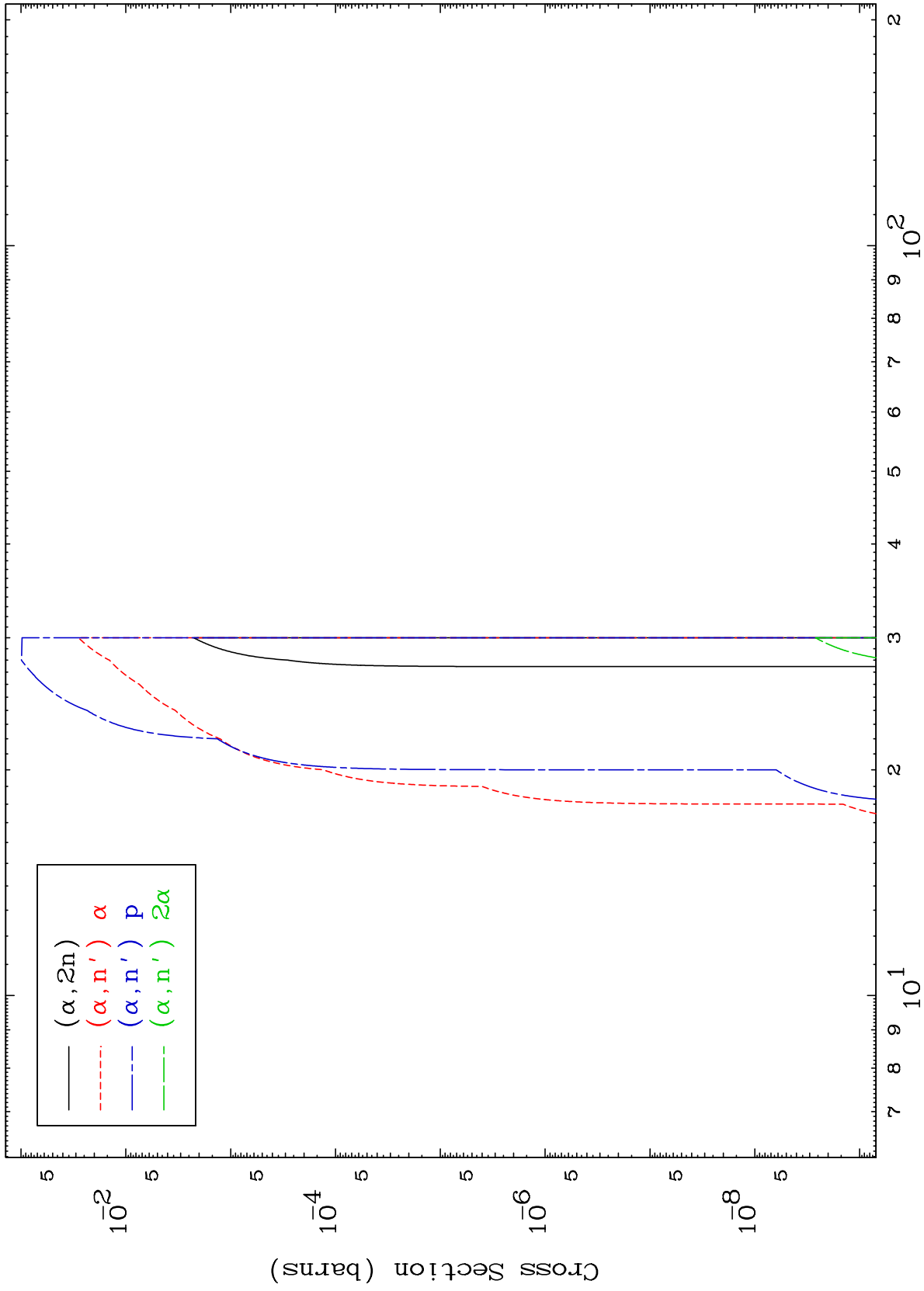
Incident Energy (MeV)

70-Yb-153

MAT 6980

α Neutron Production
0 Kelvin Cross Sections

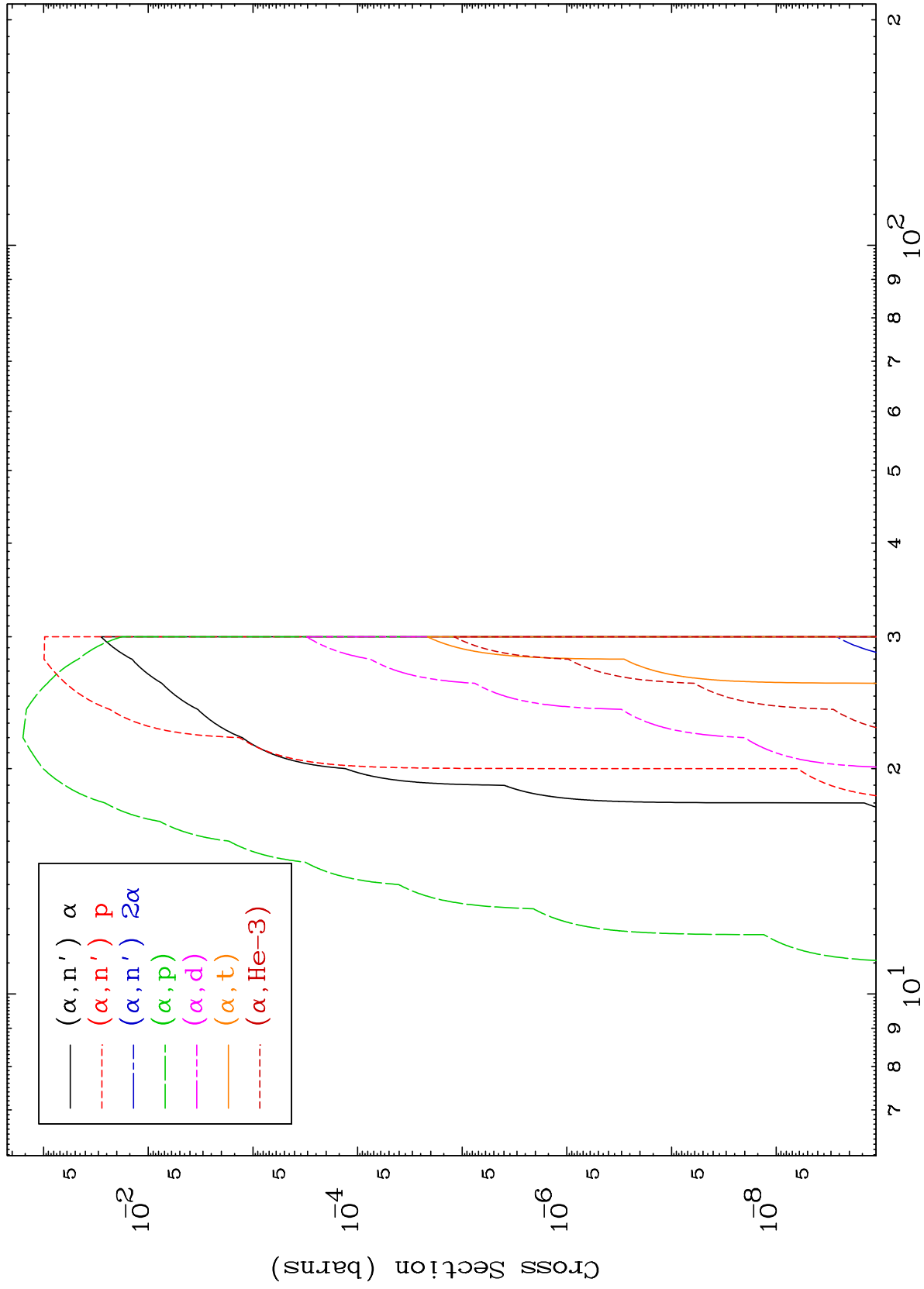
70-Yb-153



2

Incident Energy (MeV)

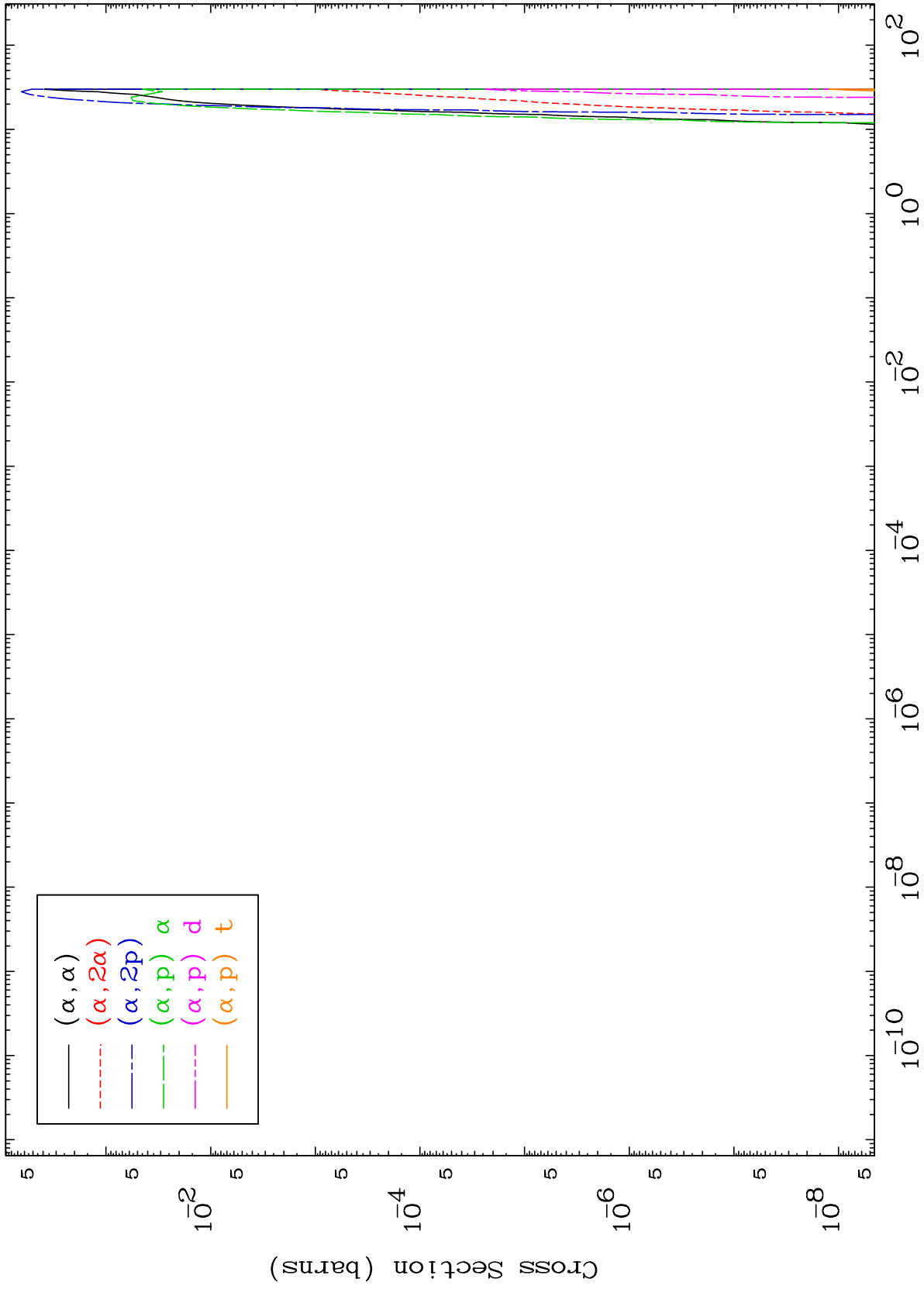
70-Yb-153



MAT 6980

α Charged Particle
0 Kelvin Cross Sections

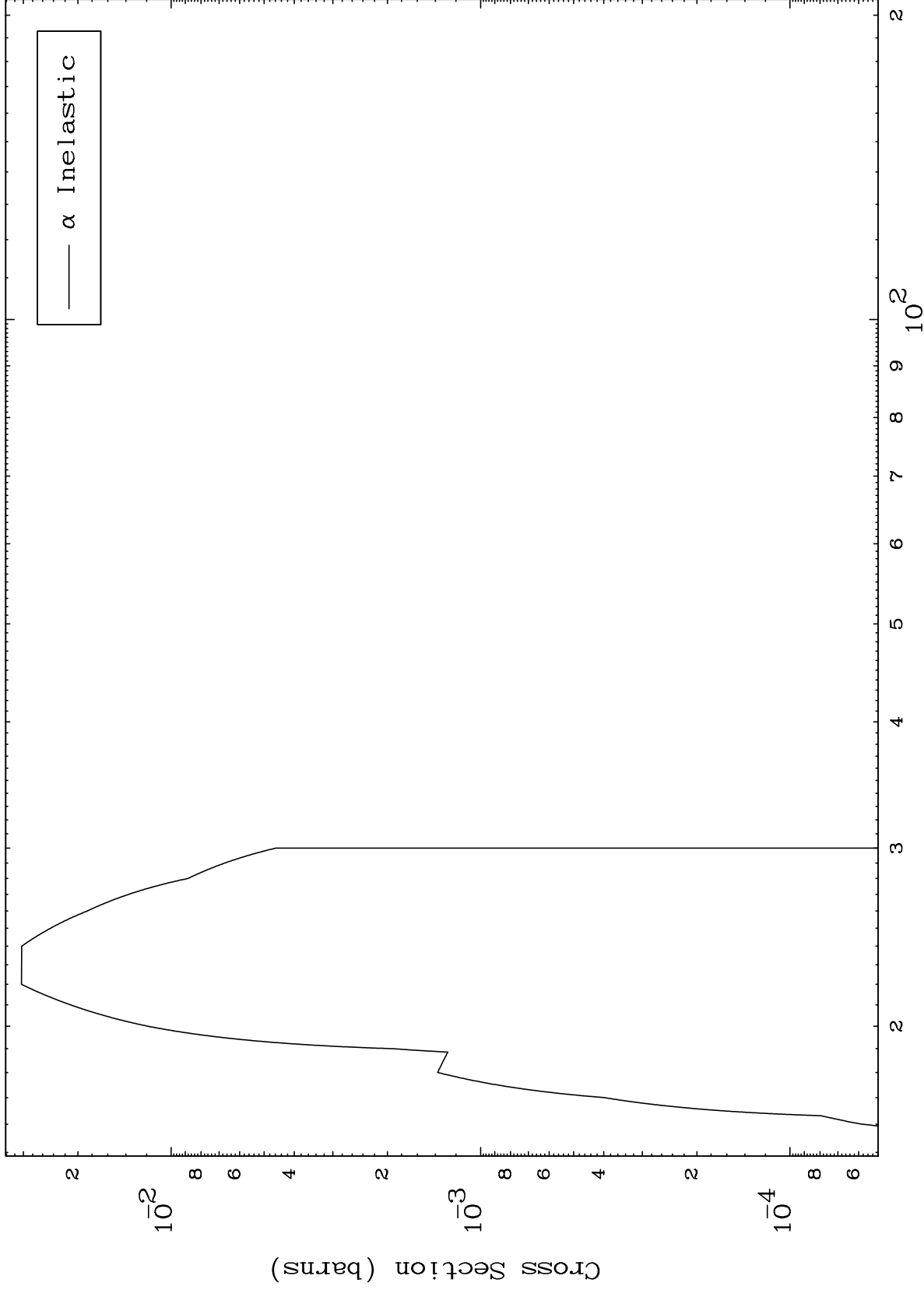
70-Yb-153



MAT 6980

(α, n') Level
0 Kelvin Cross Sections

70-Yb-153



5

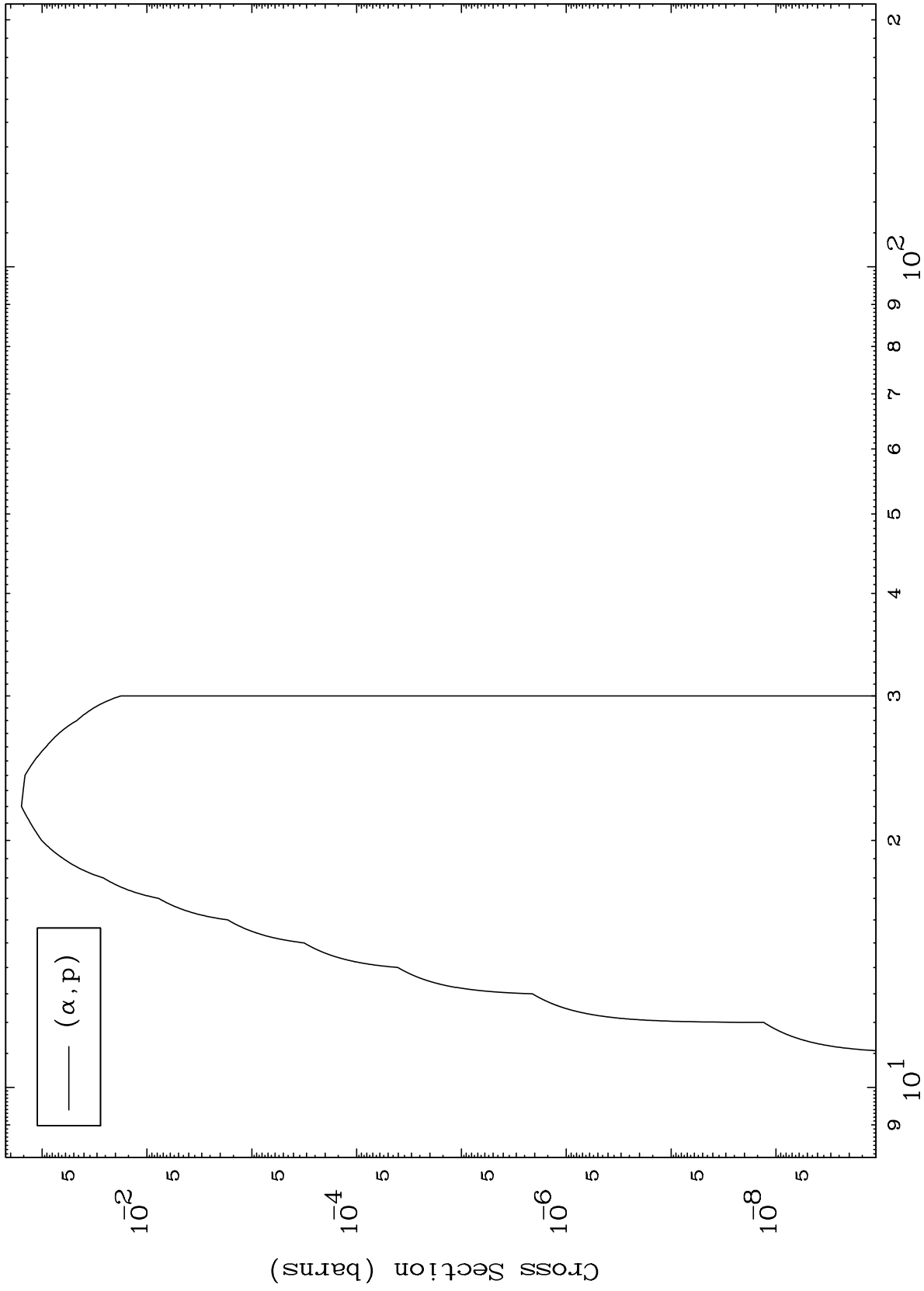
Incident Energy (MeV)

70-Yb-153

MAT 6980

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-153



6

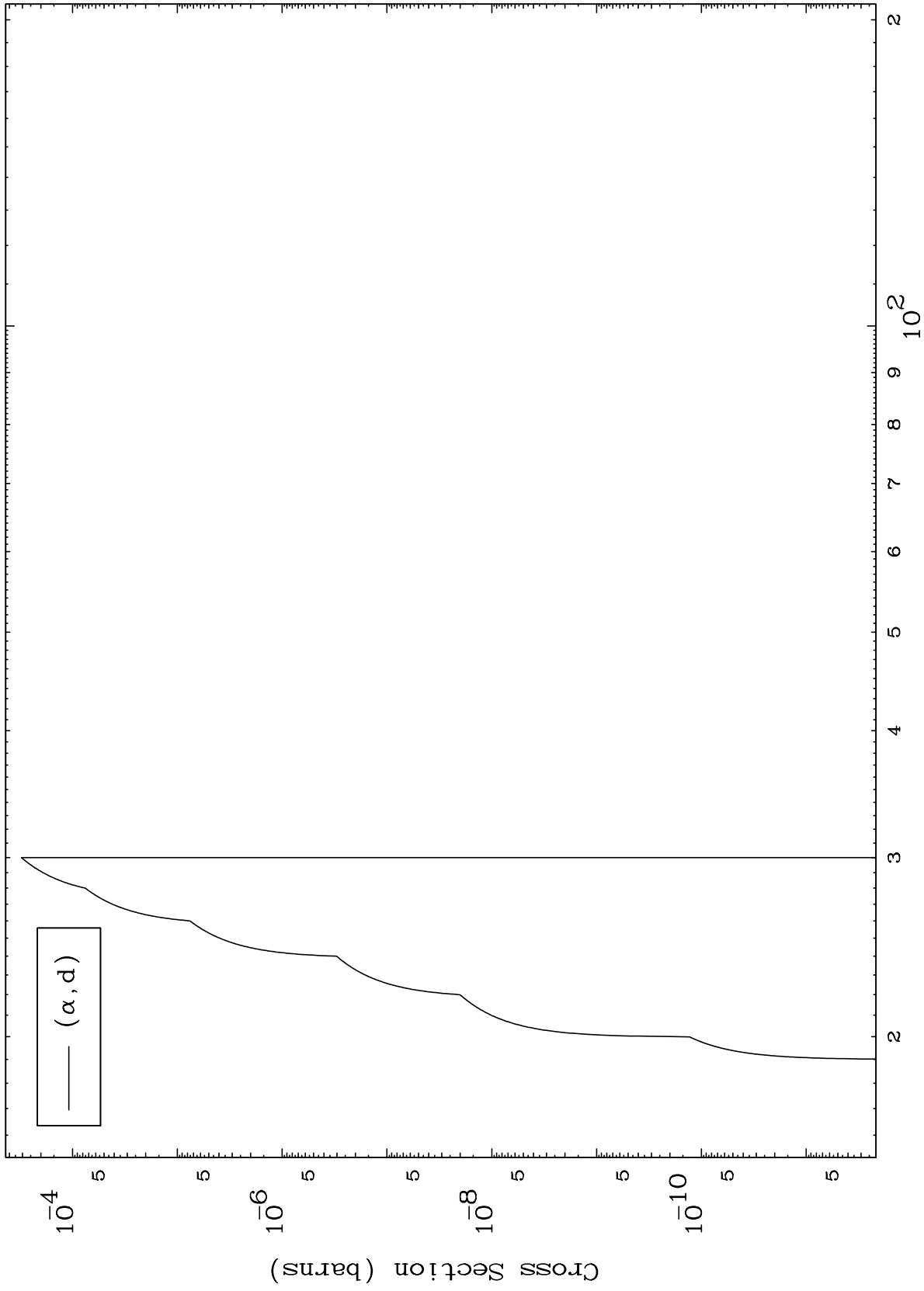
Incident Energy (MeV)

70-Yb-153

MAT 6980

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-153



7

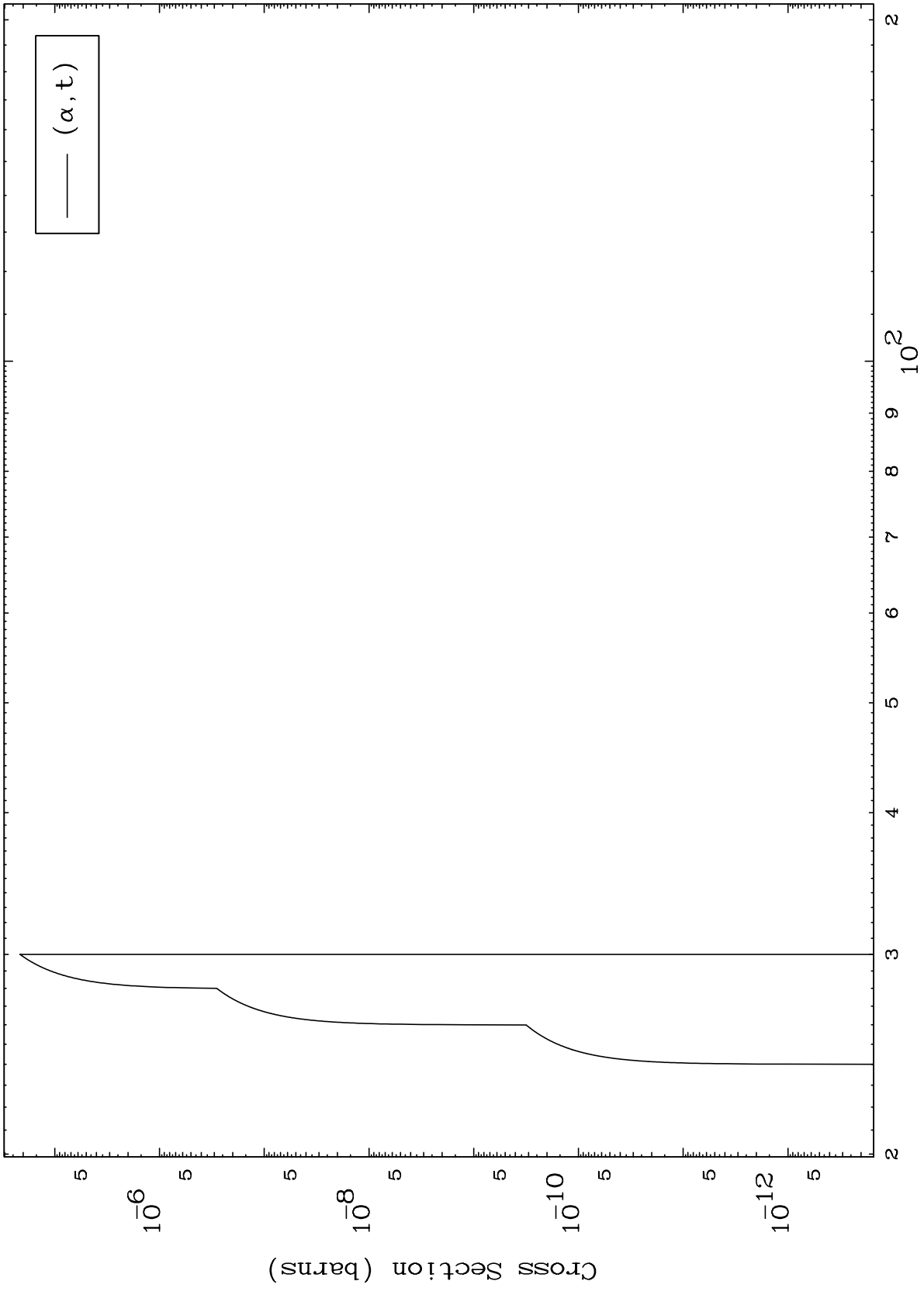
Incident Energy (MeV)

70-Yb-153

MAT 6980

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-153



8

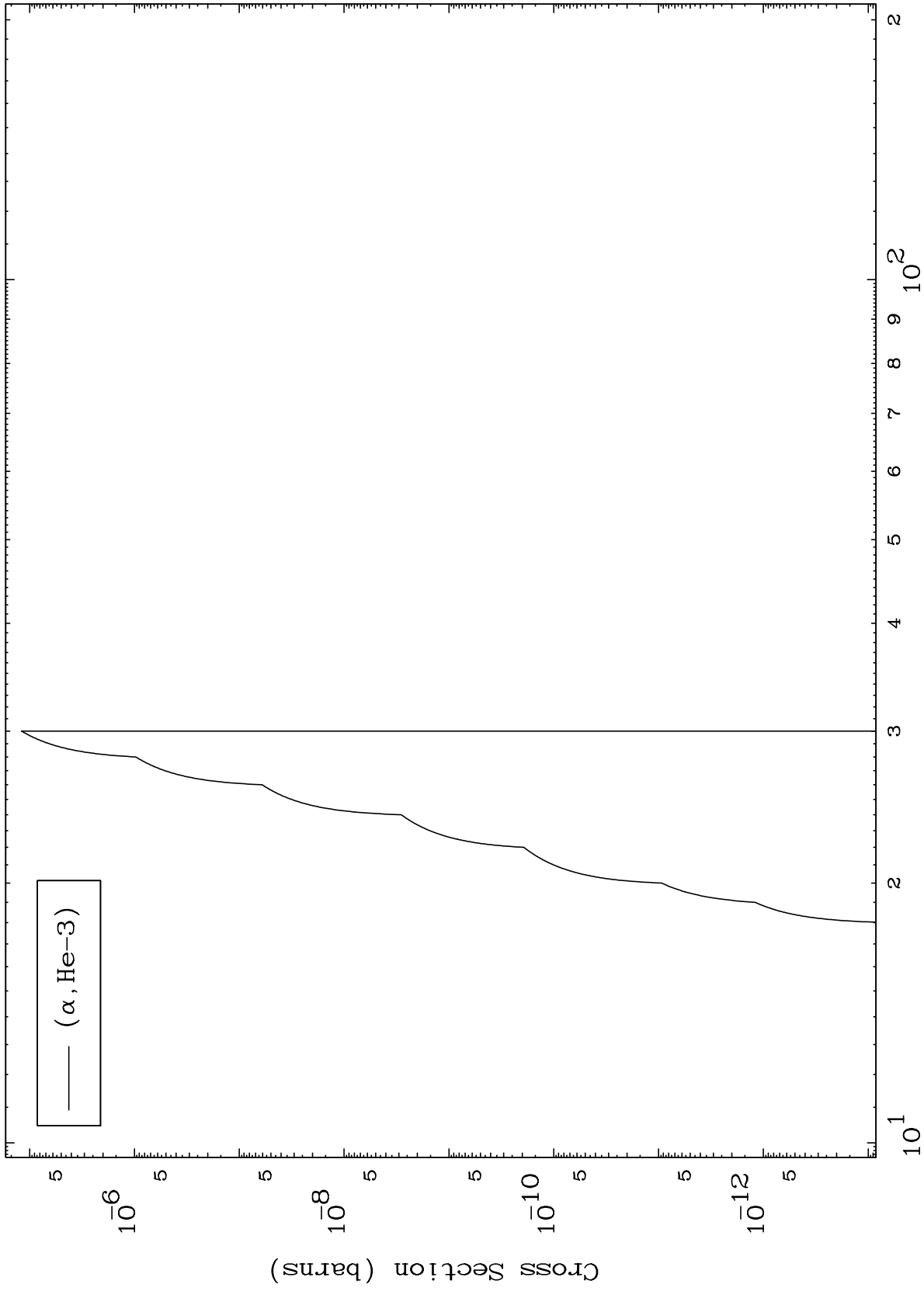
Incident Energy (MeV)

70-Yb-153

MAT 6980

(α ,He3) Levels
0 Kelvin Cross Sections

70-Yb-153



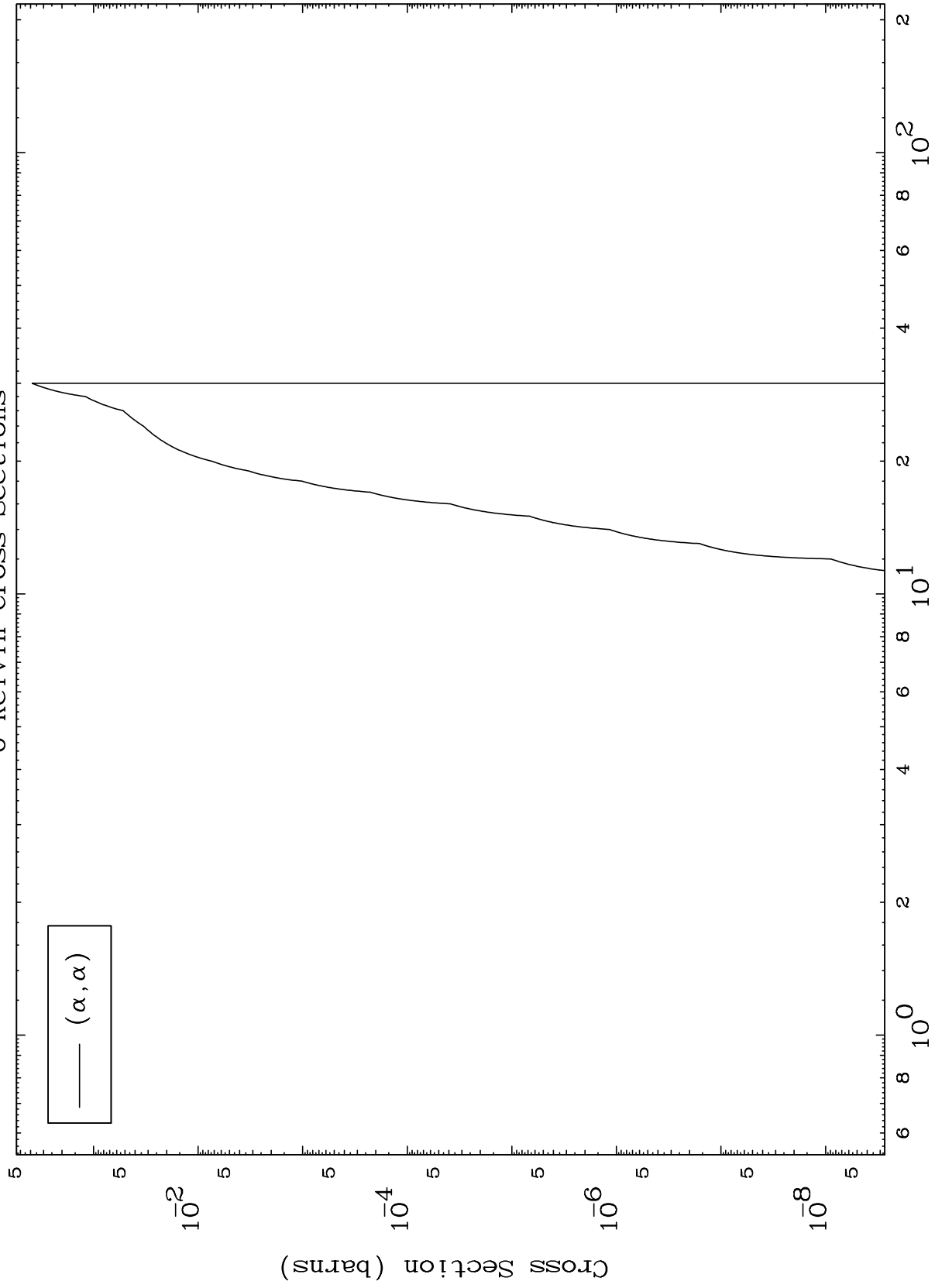
Incident Energy (MeV)

70-Yb-153

MAT 6980

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-153



10

Incident Energy (MeV)

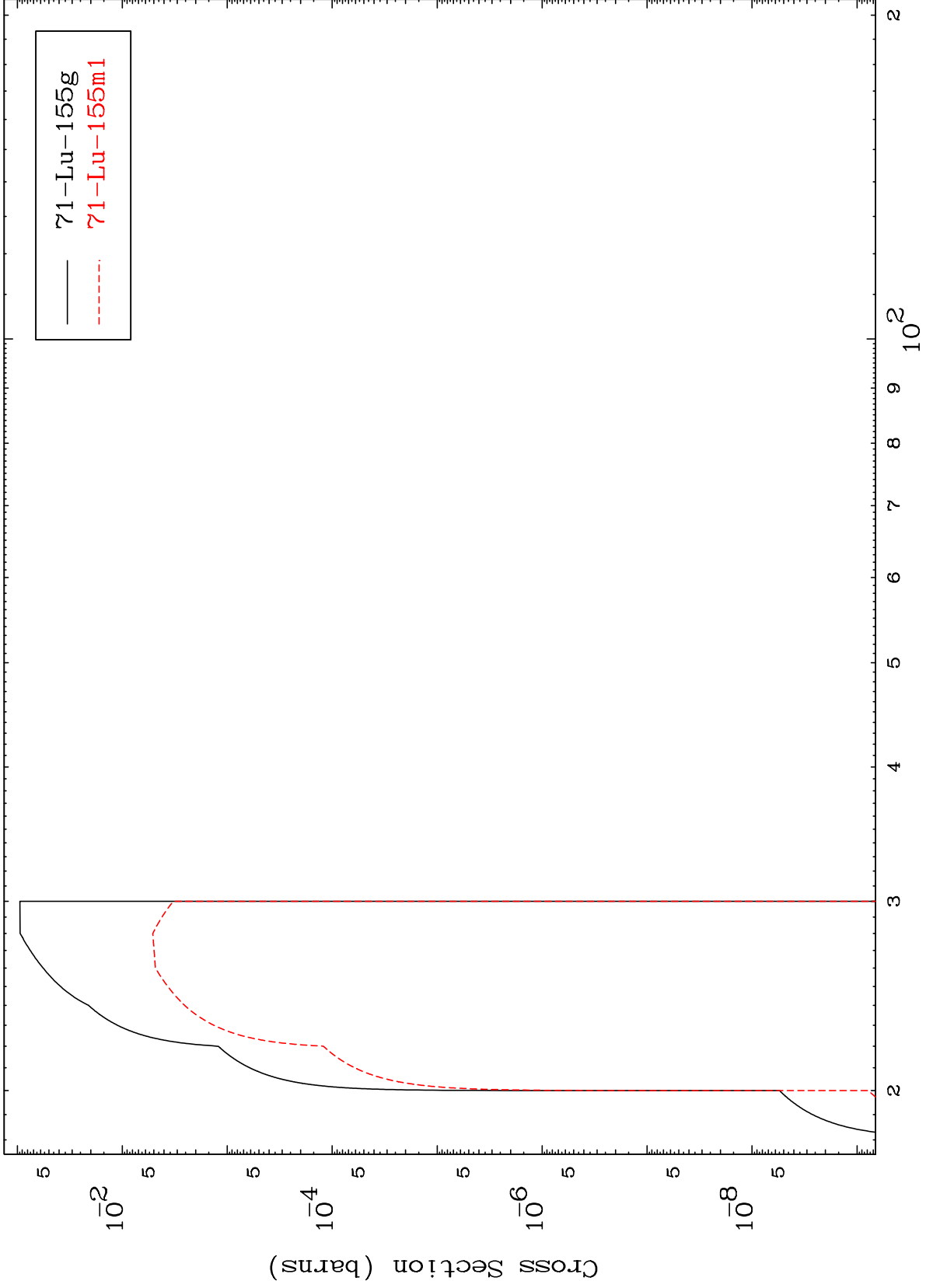
70-Yb-153

MAT 6980

(α, n') p

⁷⁰Yb-153

Radionuclide Production Cross Section



11

Incident Energy (MeV)

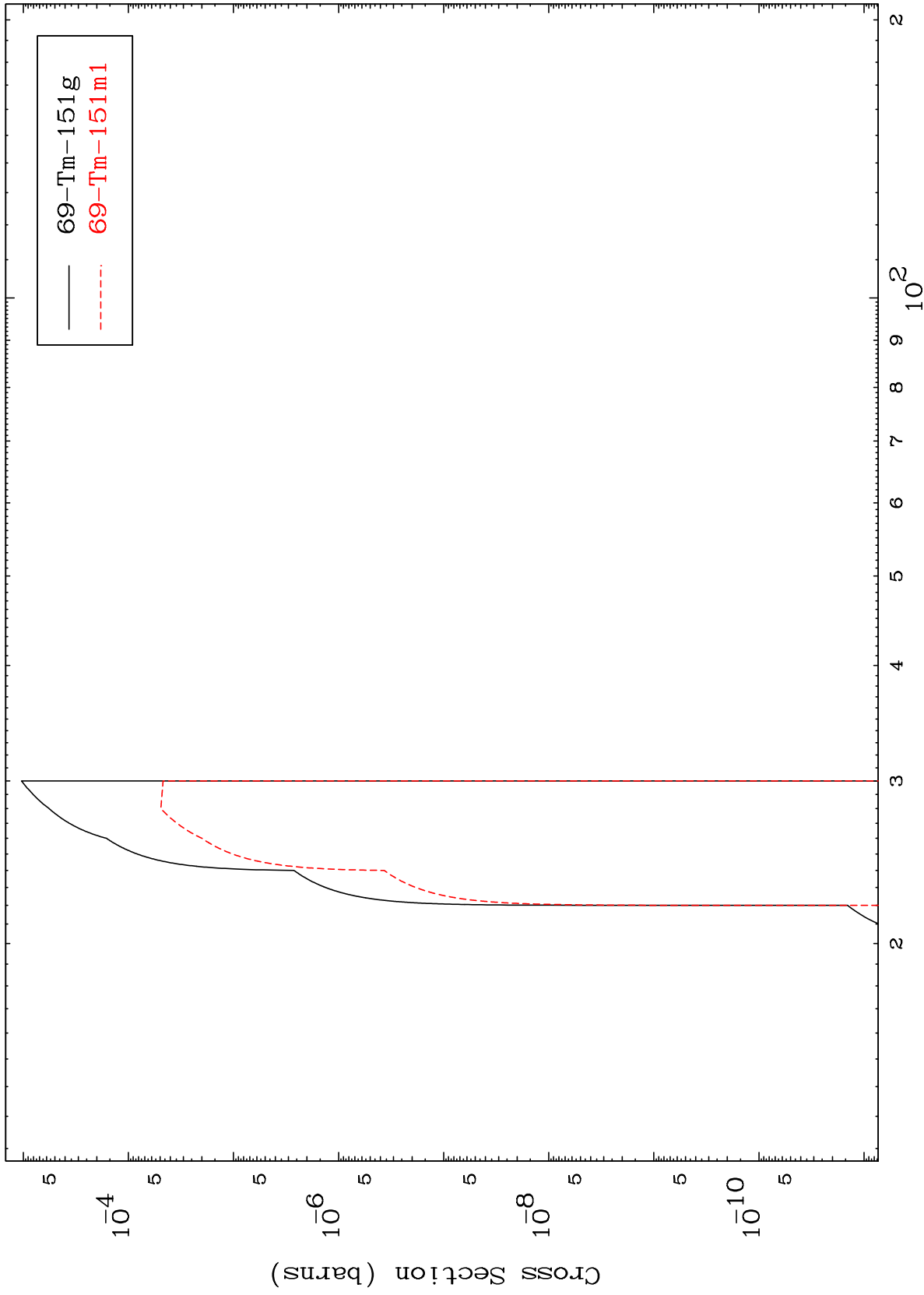
⁷⁰Yb-153

MAT 6980

(α, n') p α

70-Yb-153

Radionuclide Production Cross Section



12

Incident Energy (MeV)

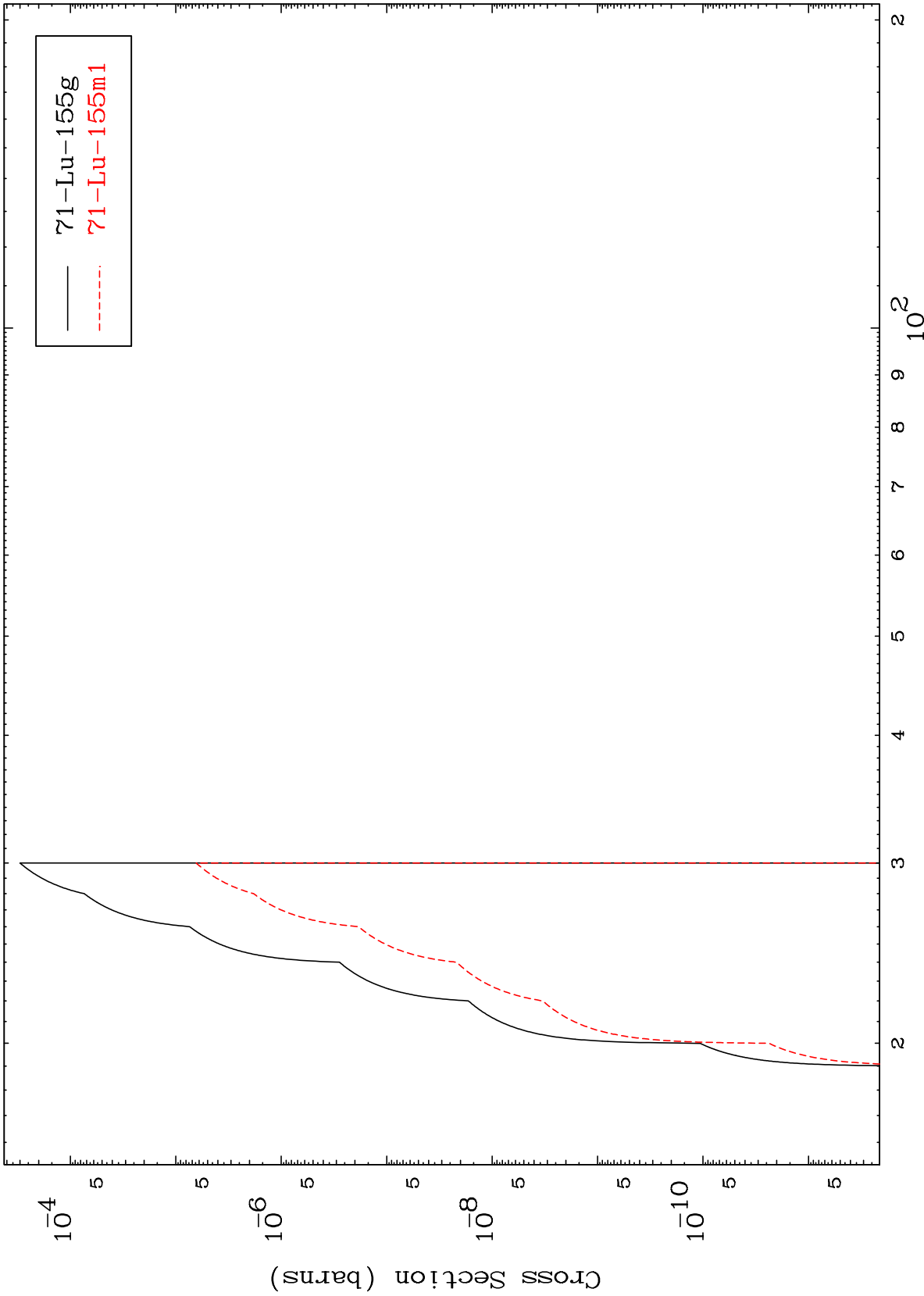
70-Yb-153

MAT 6980

(α, d)

⁷⁰Yb-153

Radionuclide Production Cross Section



13

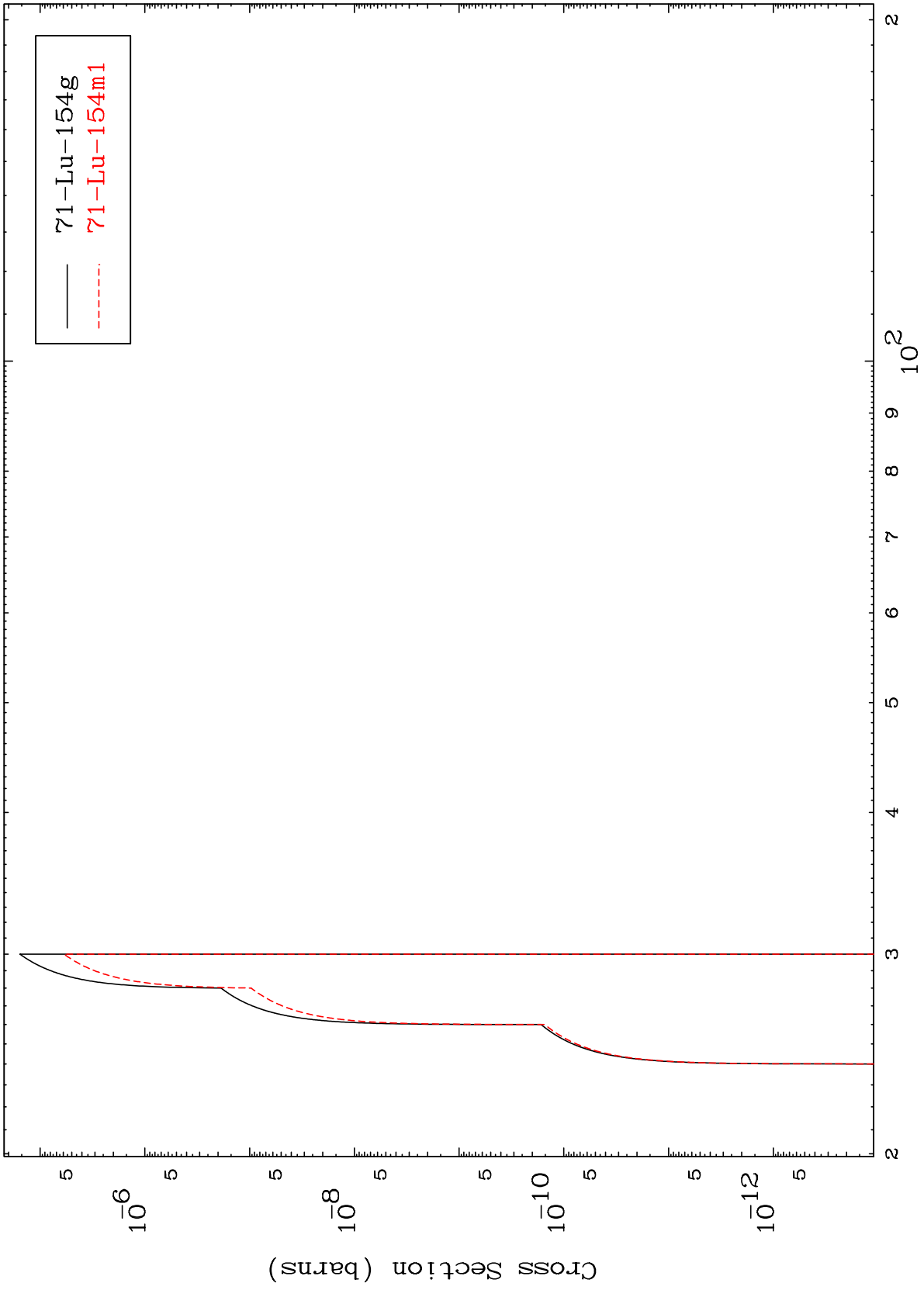
Incident Energy (MeV)

⁷⁰Yb-153

MAT 6980

70-Yb-153

(α, t)
Radionuclide Production Cross Section



14

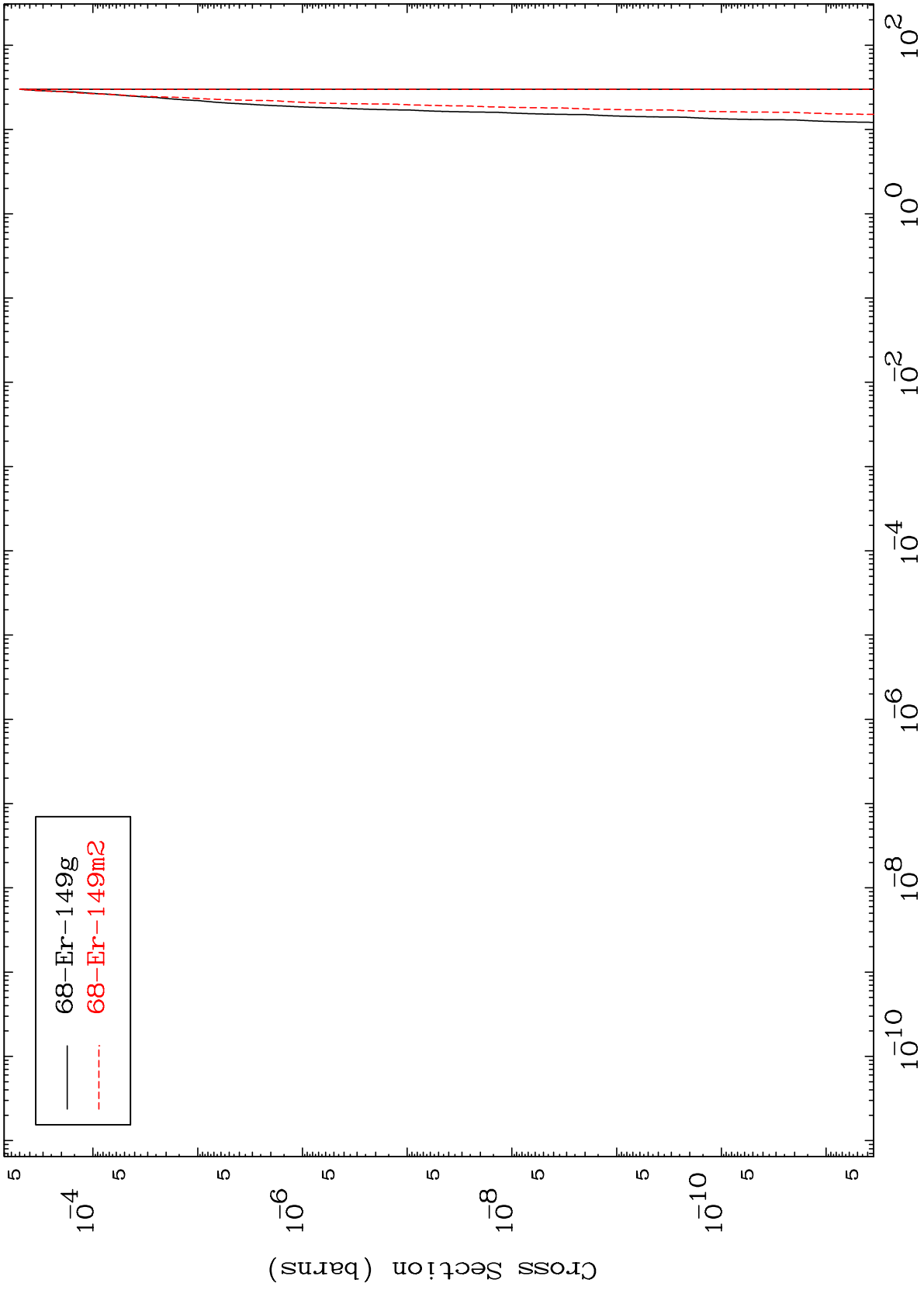
Incident Energy (MeV)

70-Yb-153

MAT 6980

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

70-Yb-153



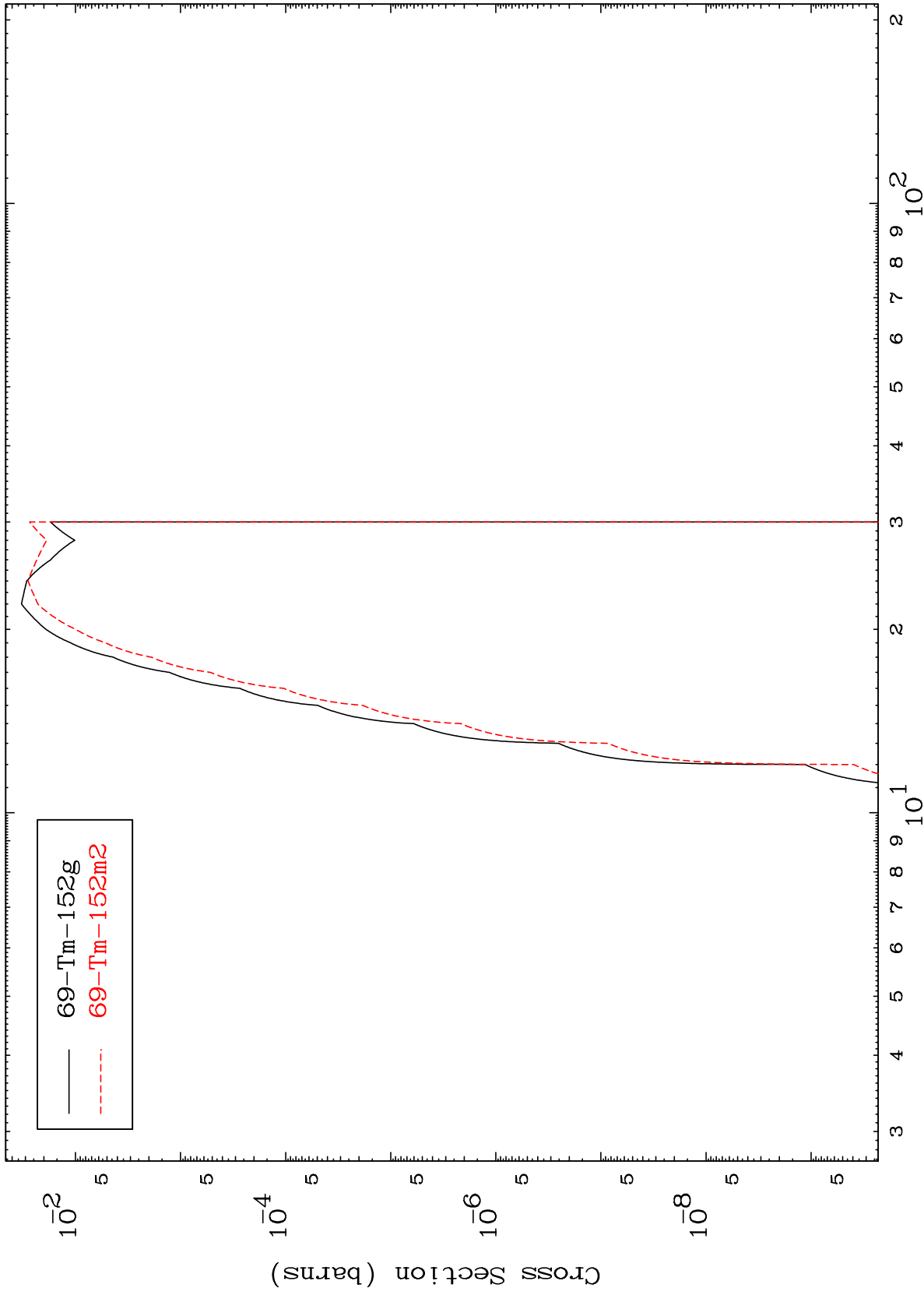
15

MAT 6980

(α, p) α

70-Yb-153

Radionuclide Production Cross Section



16

Incident Energy (MeV)

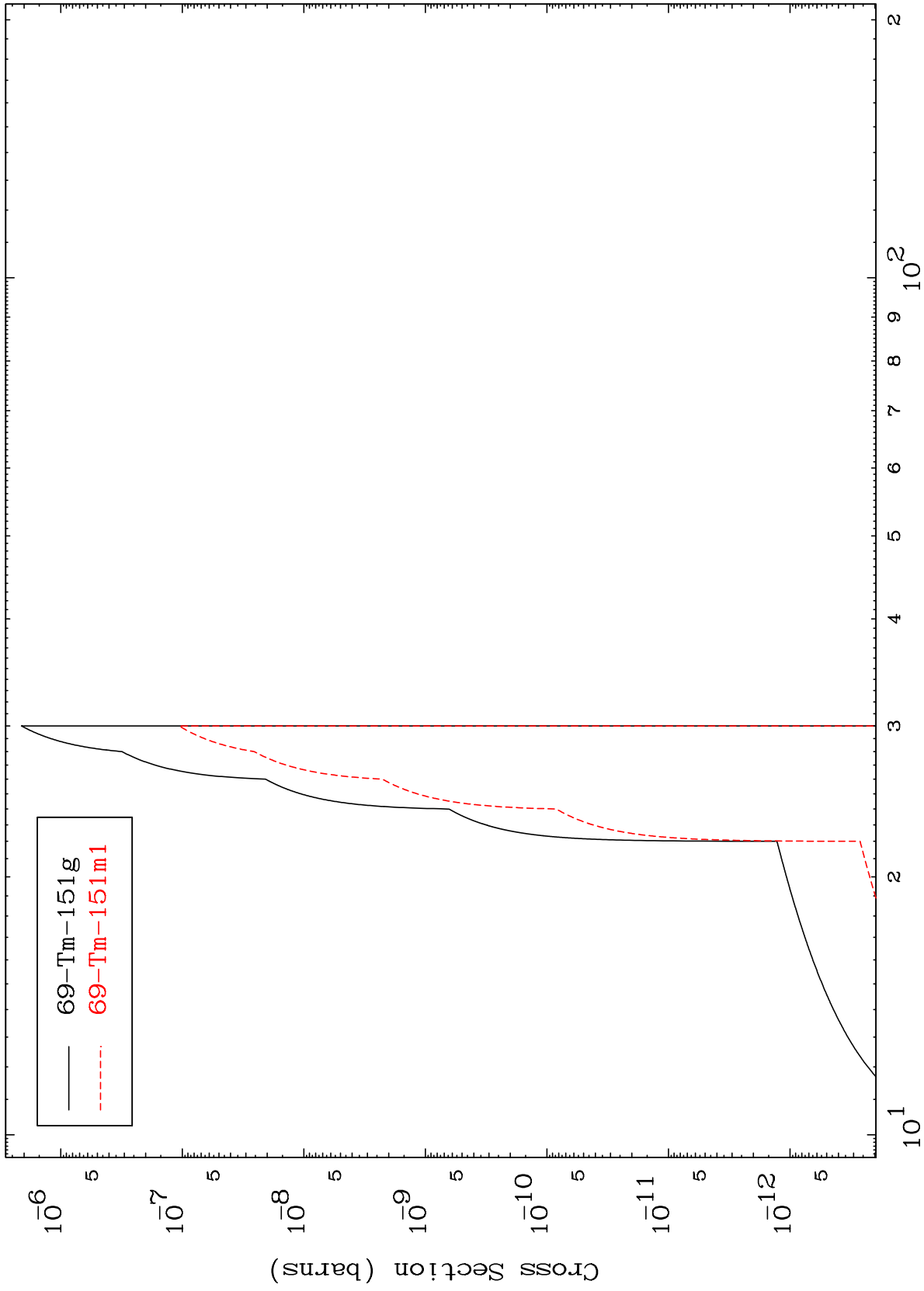
70-Yb-153

MAT 6980

(α, d) α

70-Yb-153

Radionuclide Production Cross Section



17

Incident Energy (MeV)

70-Yb-153