

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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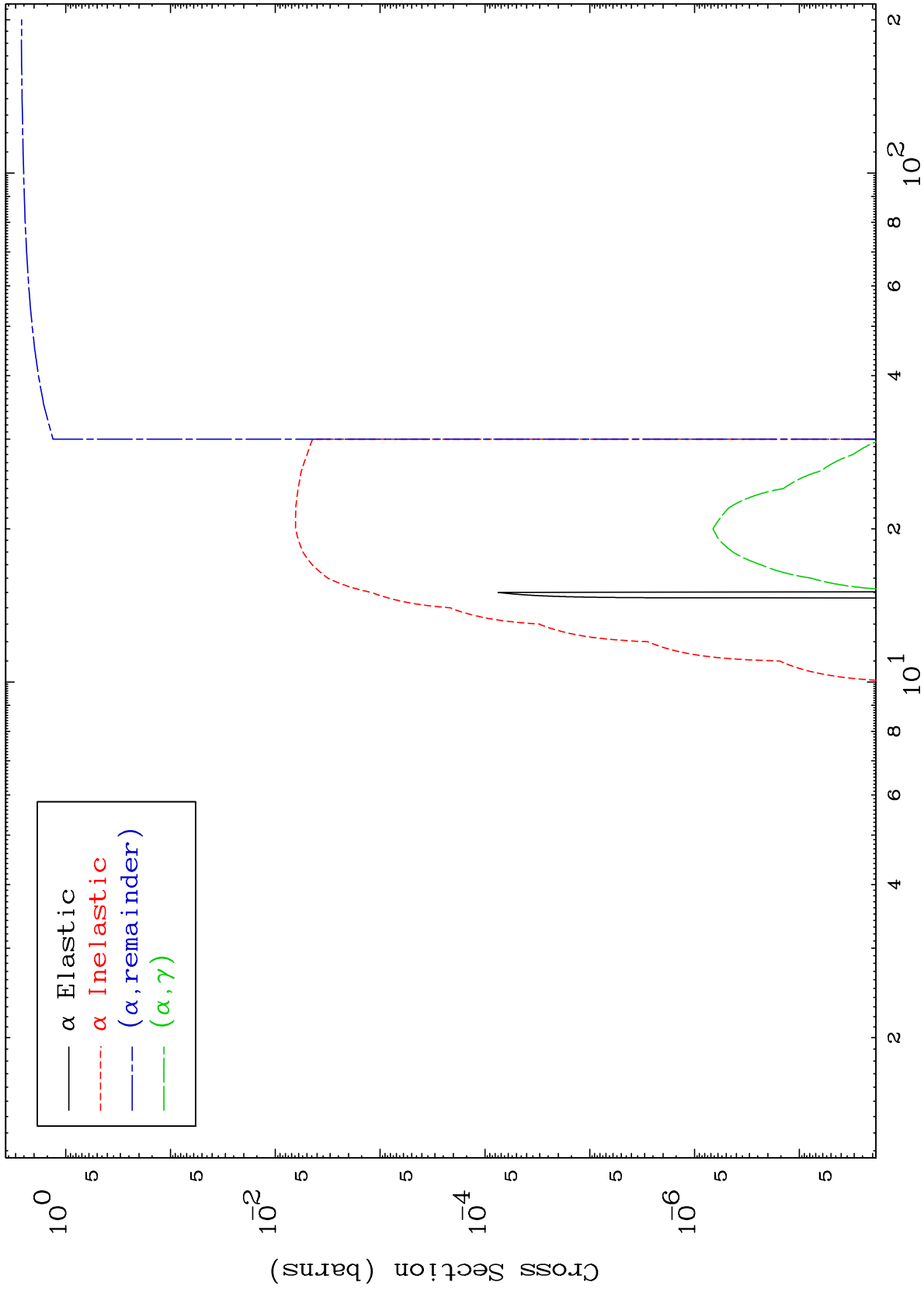
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7055

0 Kelvin α Major

70-Yb-178



1

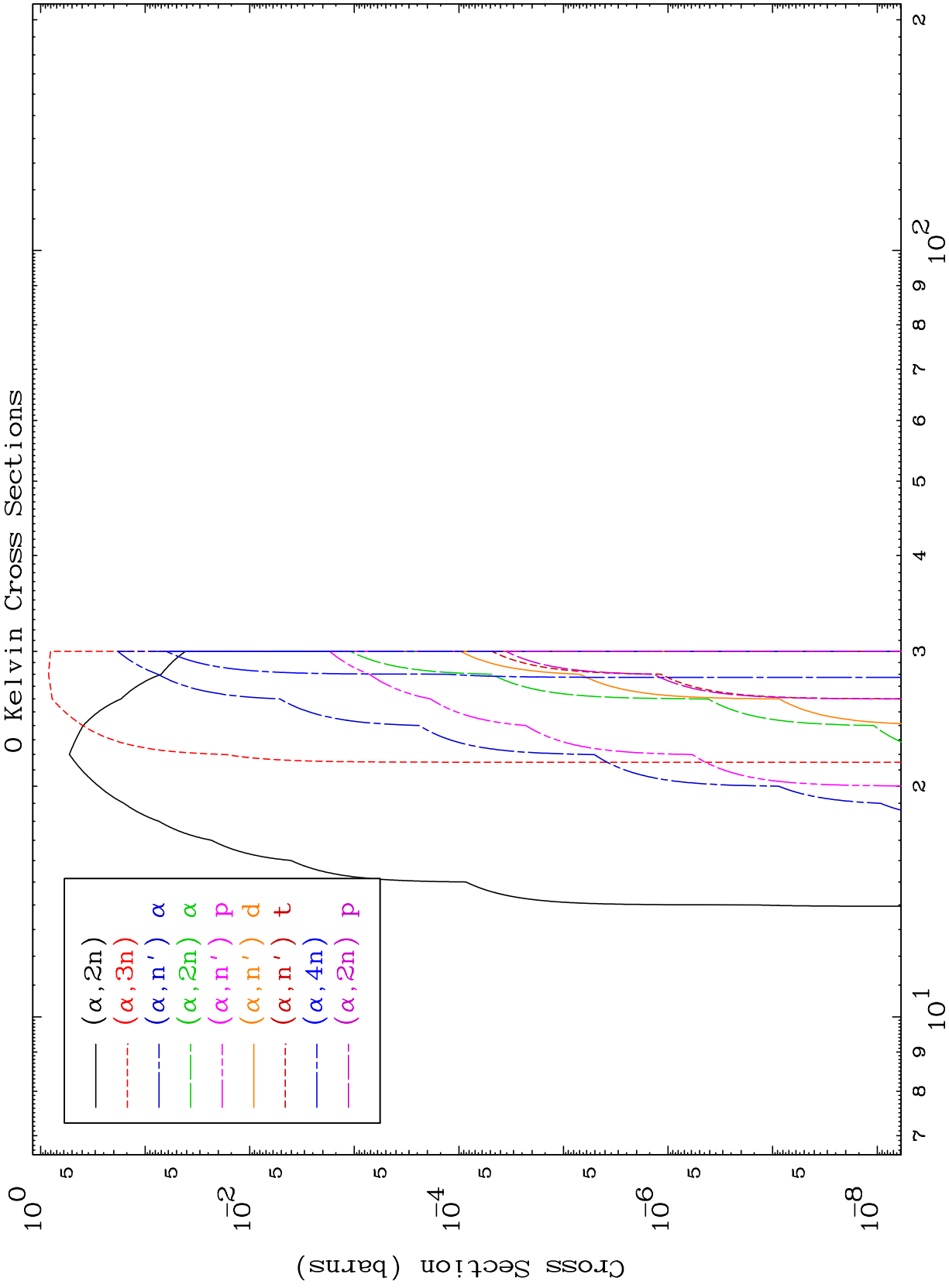
Incident Energy (MeV)

70-Yb-178

MAT 7055

α Neutron Production
0 Kelvin Cross Sections

70-Yb-178



2

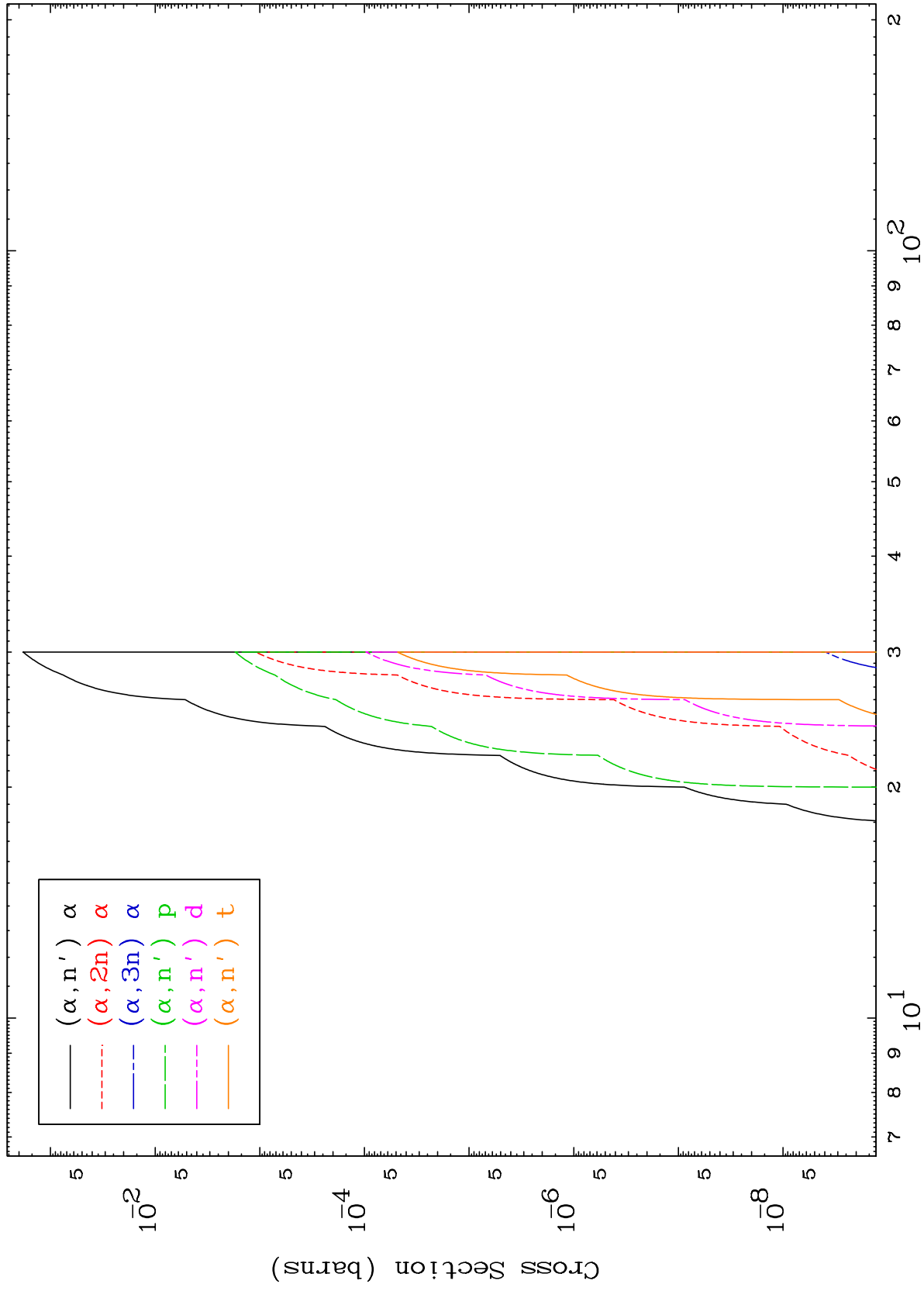
Incident Energy (MeV)

70-Yb-178

MAT 7055

α Charged Particle
0 Kelvin Cross Sections

70-Yb-178



3

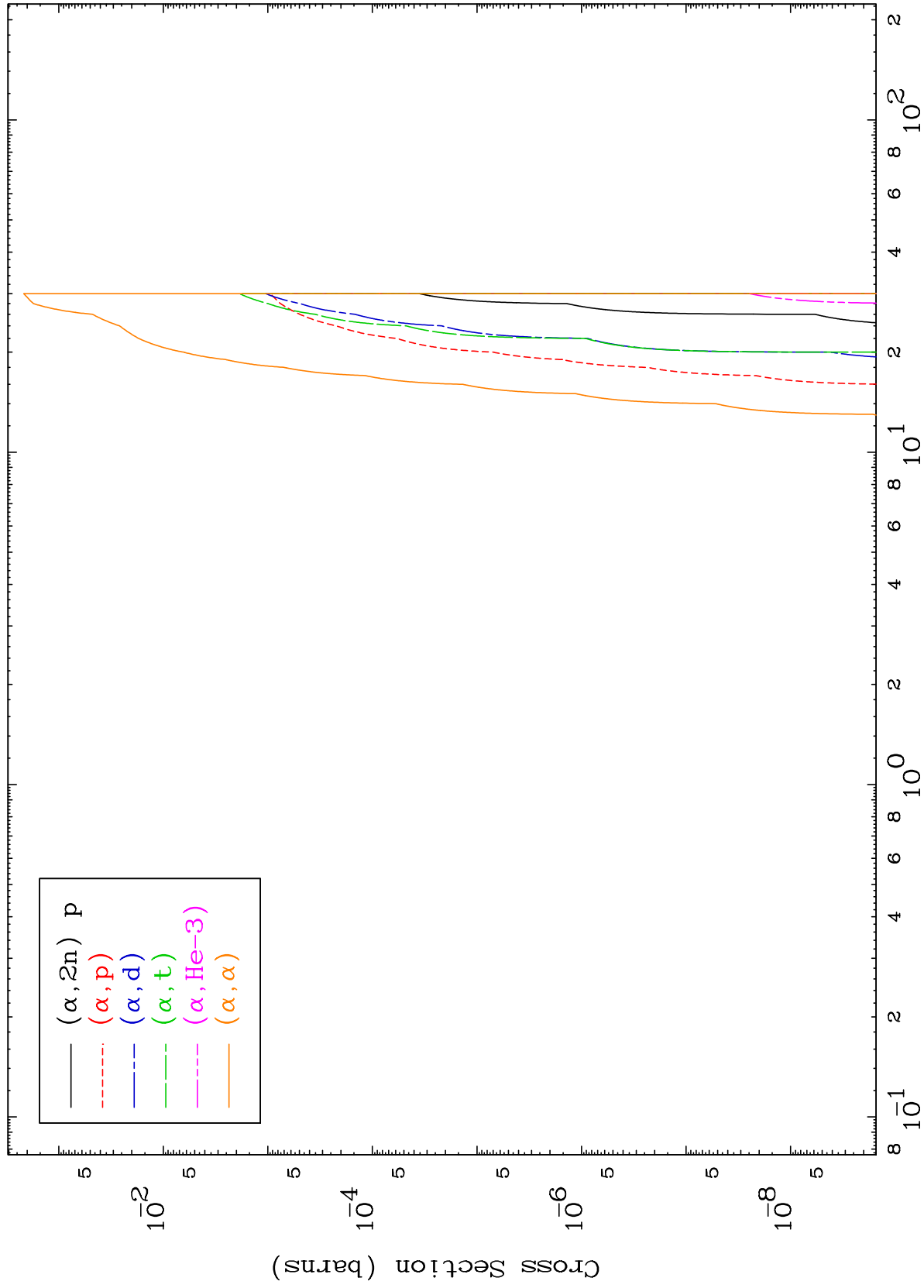
Incident Energy (MeV)

70-Yb-178

MAT 7055

α Charged Particle
0 Kelvin Cross Sections

70-Yb-178



4

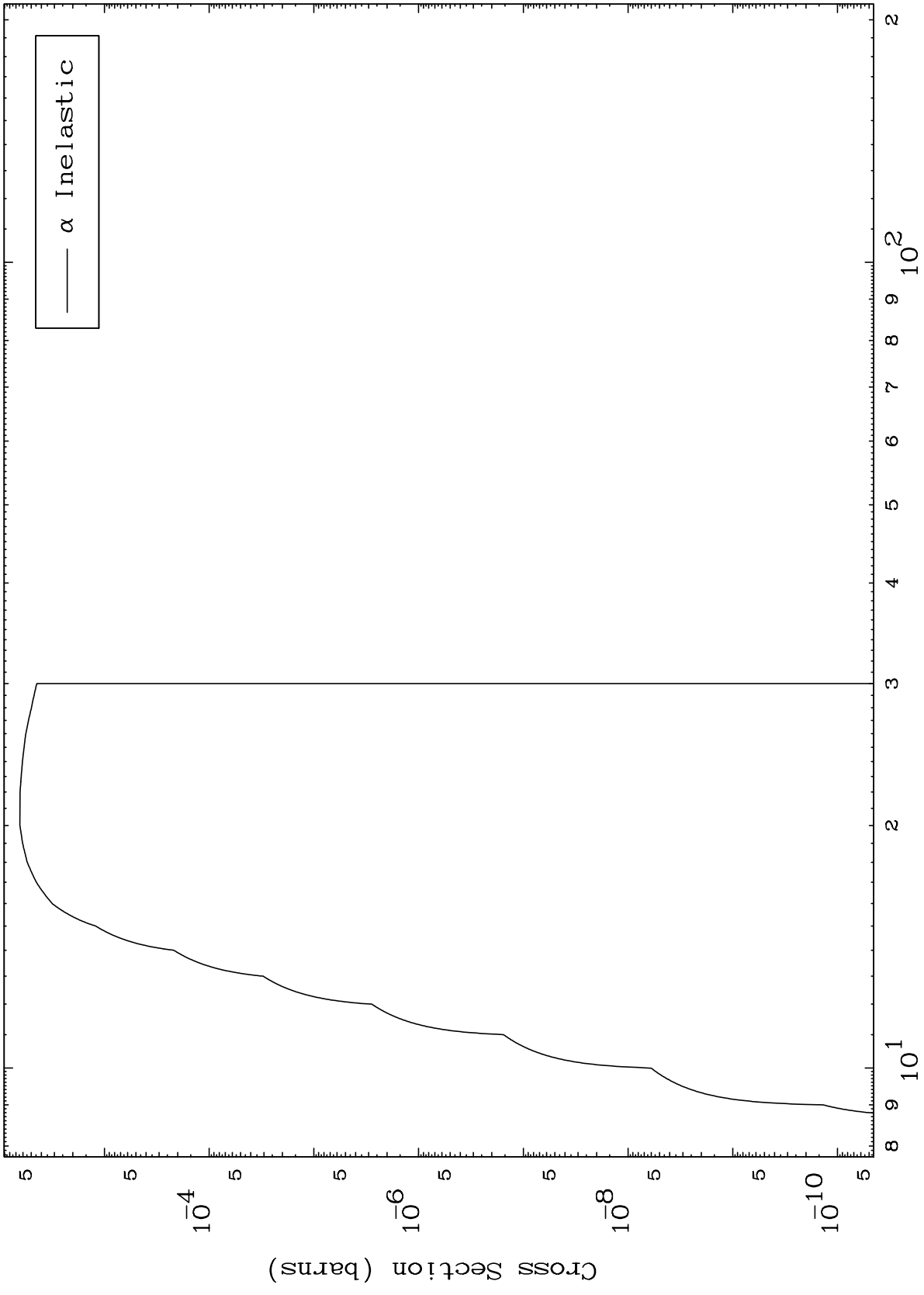
Incident Energy (MeV)

70-Yb-178

MAT 7055

(α, n') Level
0 Kelvin Cross Sections

70-Yb-178



5

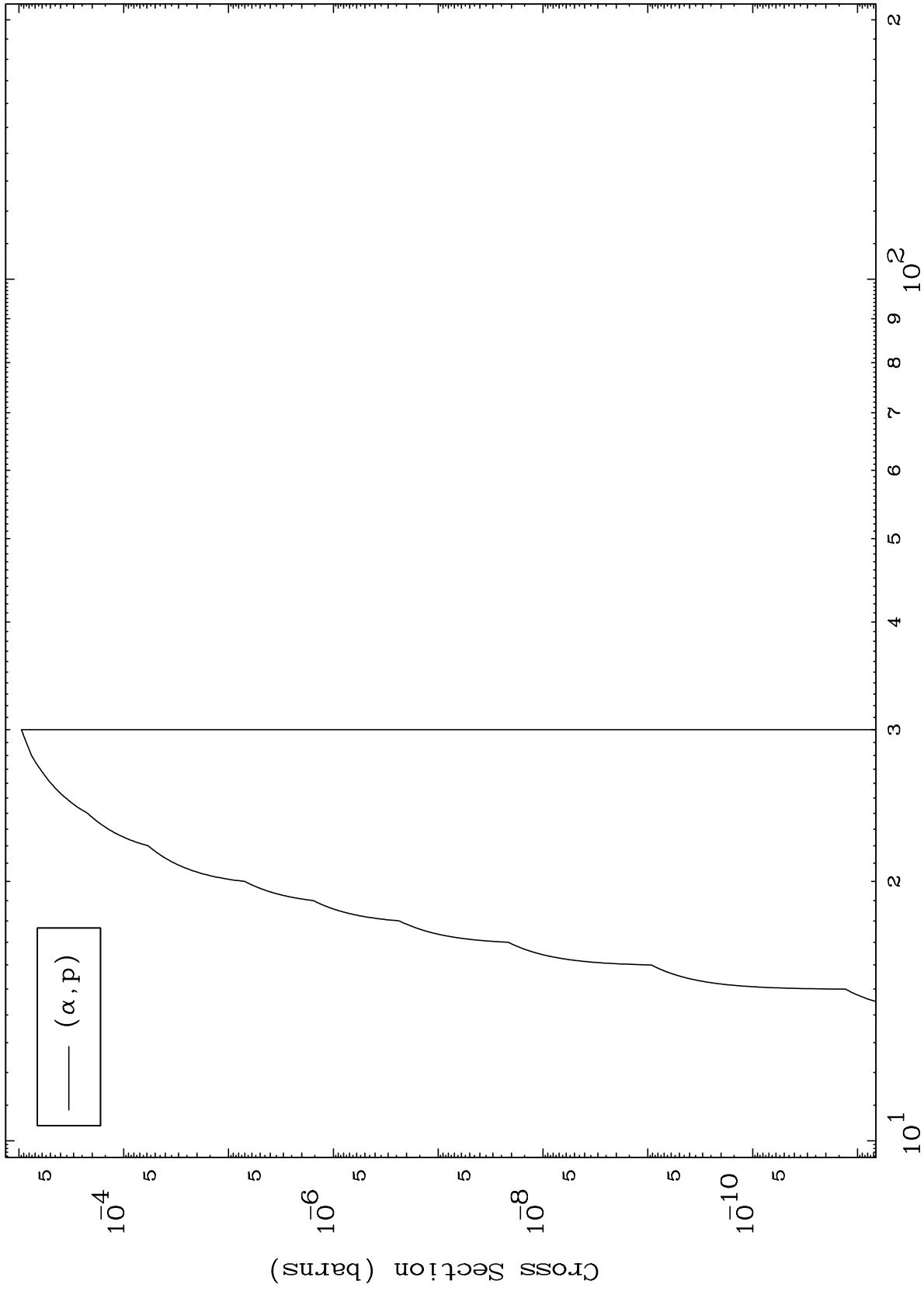
Incident Energy (MeV)

70-Yb-178

MAT 7055

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-178



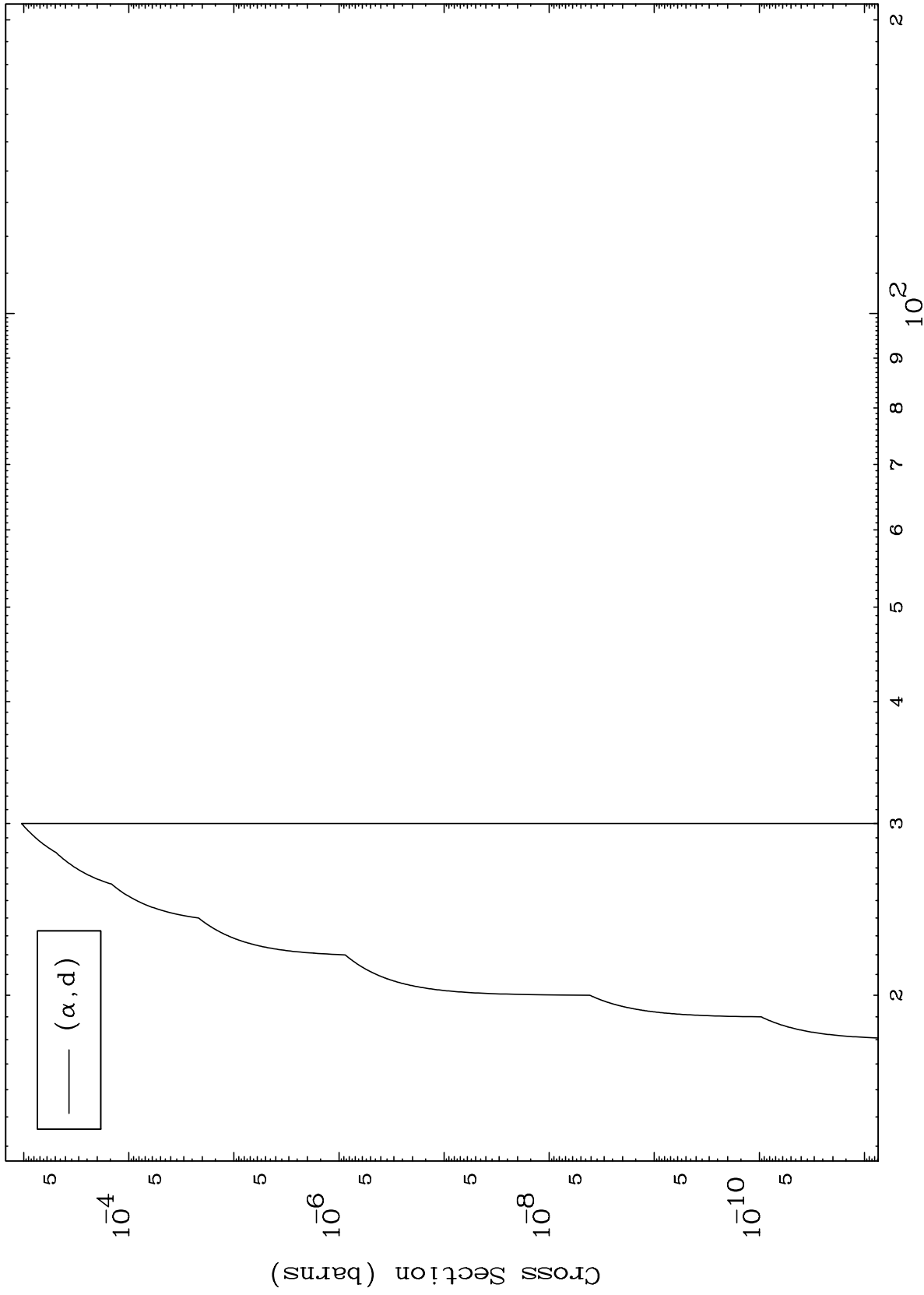
Incident Energy (MeV)

70-Yb-178

MAT 7055

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-178



7

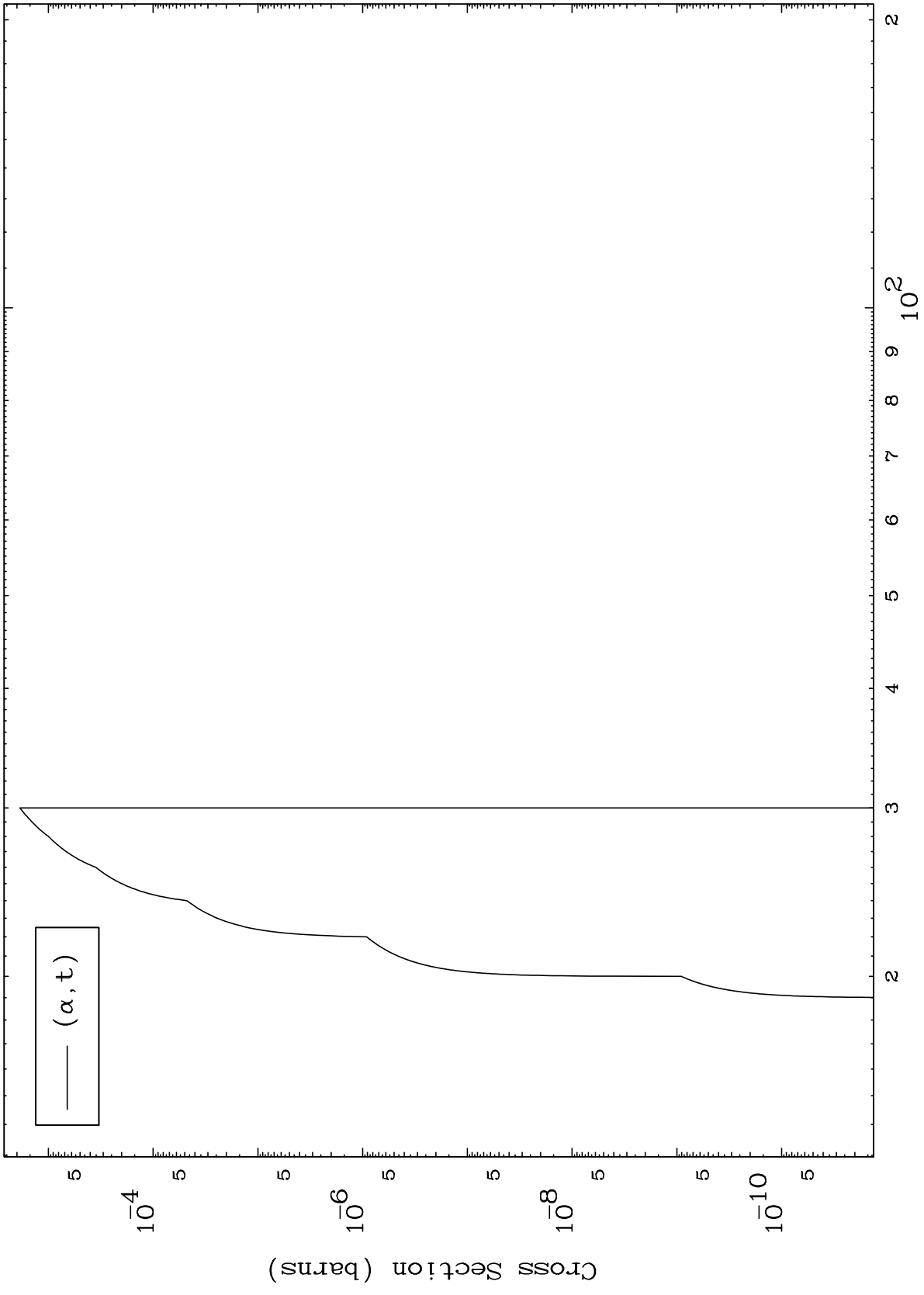
Incident Energy (MeV)

70-Yb-178

MAT 7055

(α, t) Levels
0 Kelvin Cross Sections

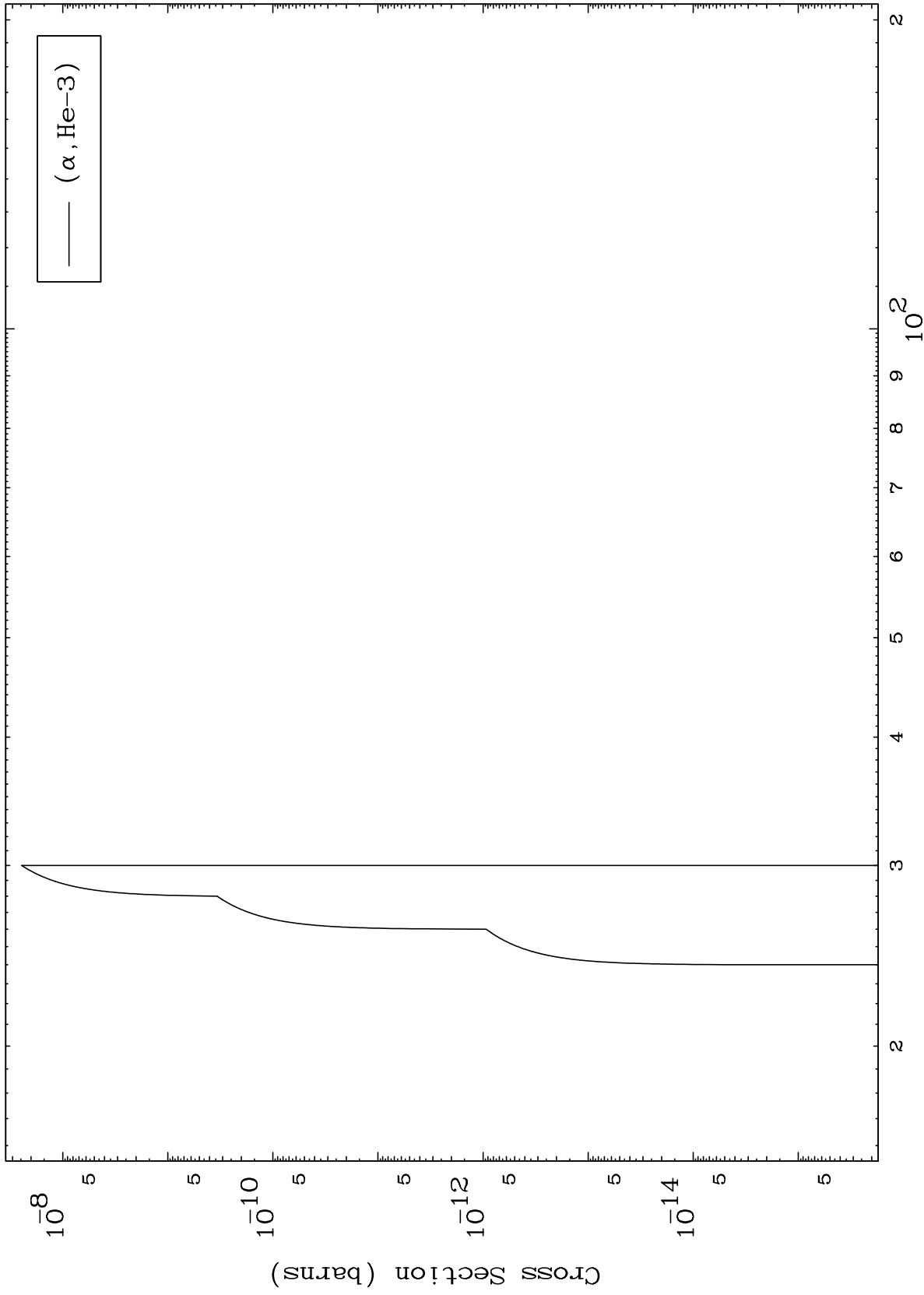
70-Yb-178



MAT 7055

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

70-Yb-178



9

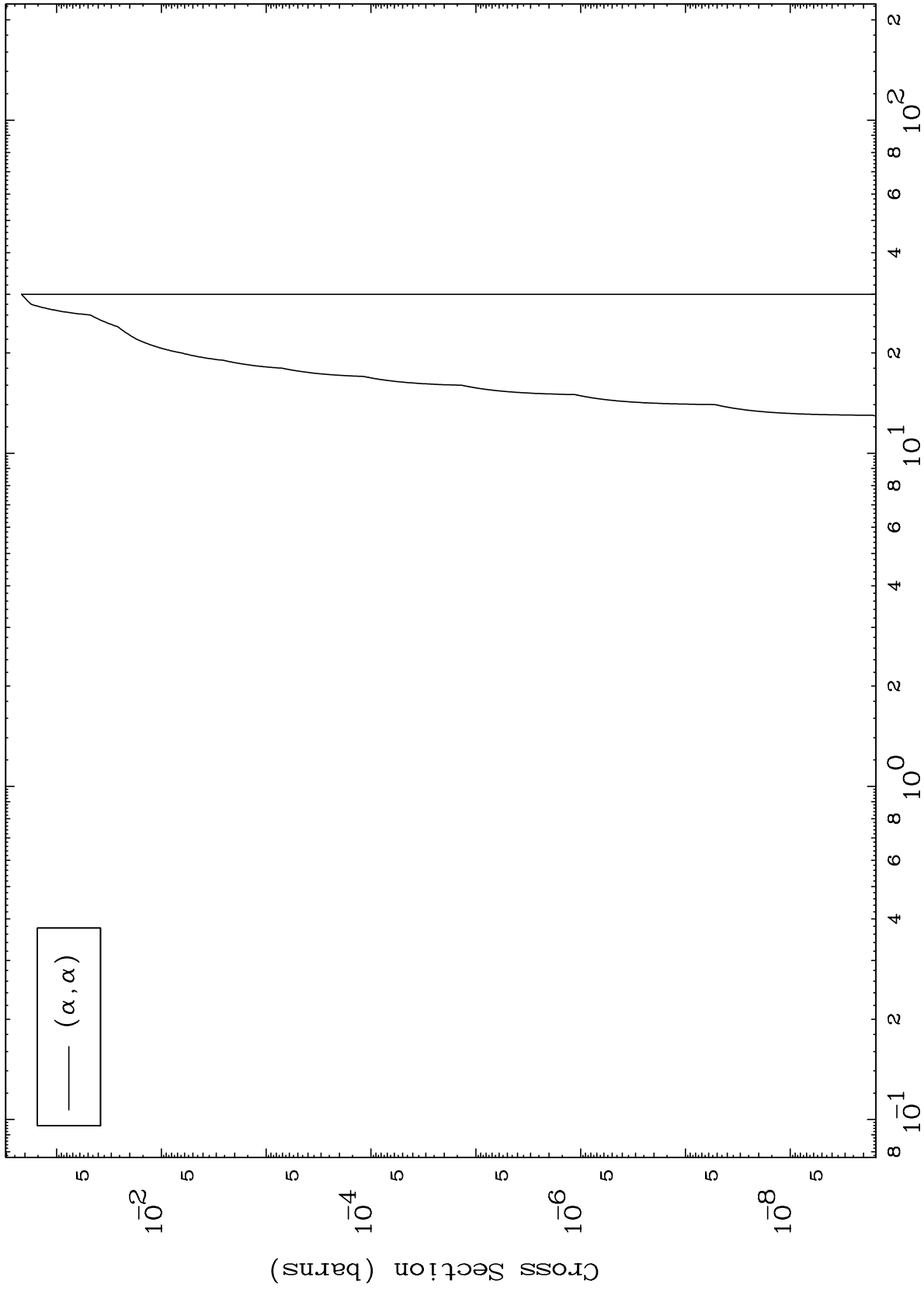
Incident Energy (MeV)

70-Yb-178

MAT 7055

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-178



10

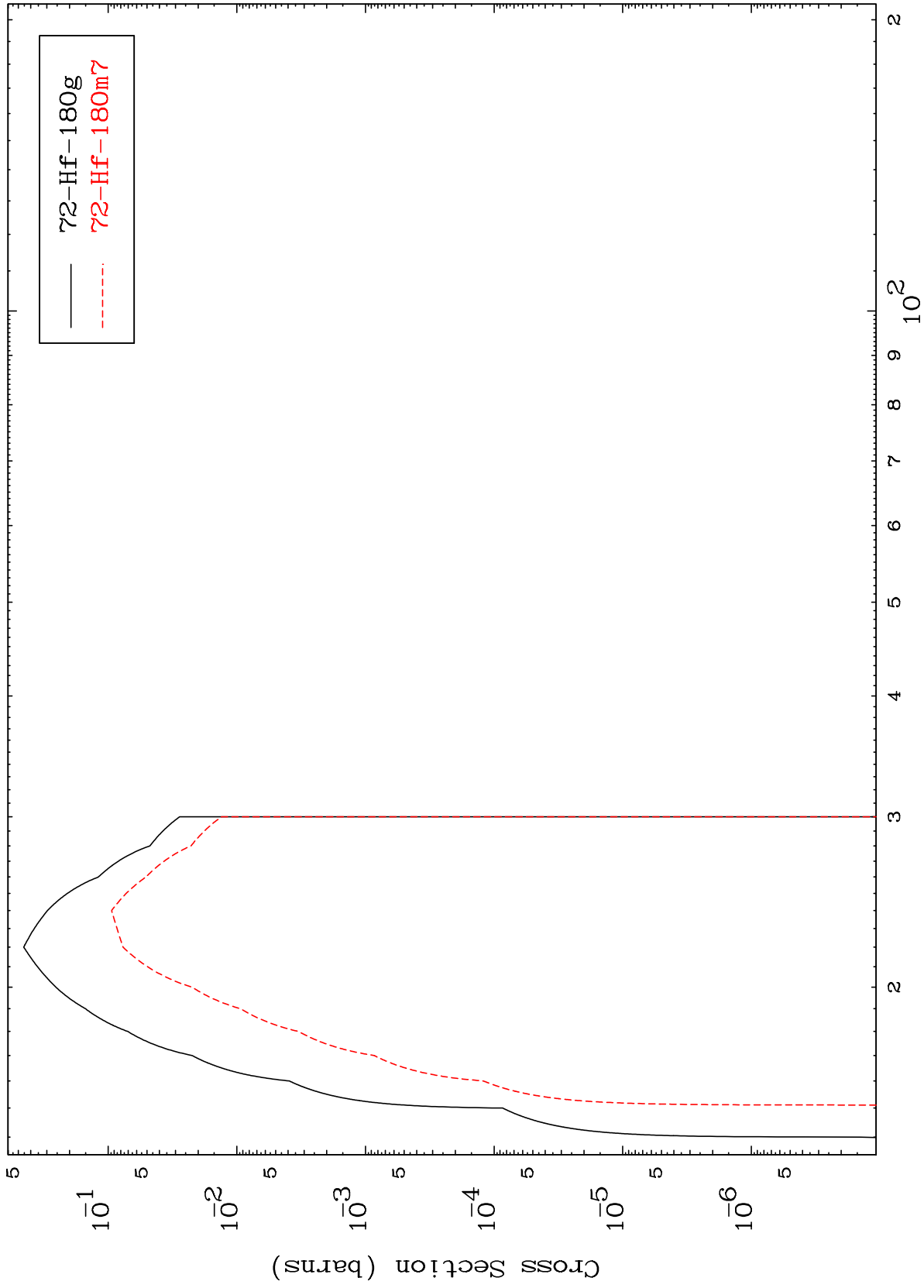
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

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



11

70-Yb-178

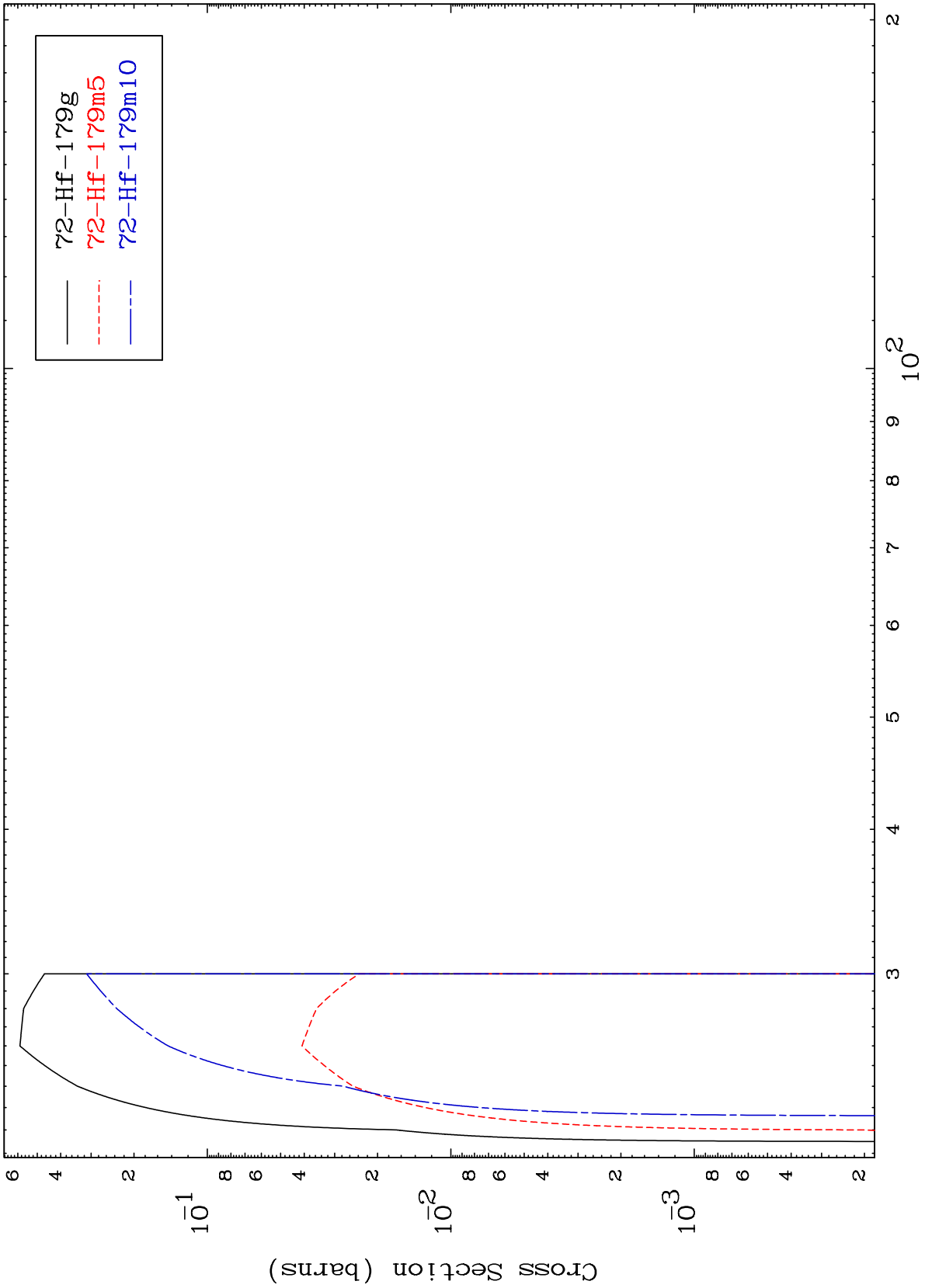
Incident Energy (MeV)

MAT 7055

($\alpha, 3n$)

70-Yb-178

Radionuclide Production Cross Section



12

Incident Energy (MeV)

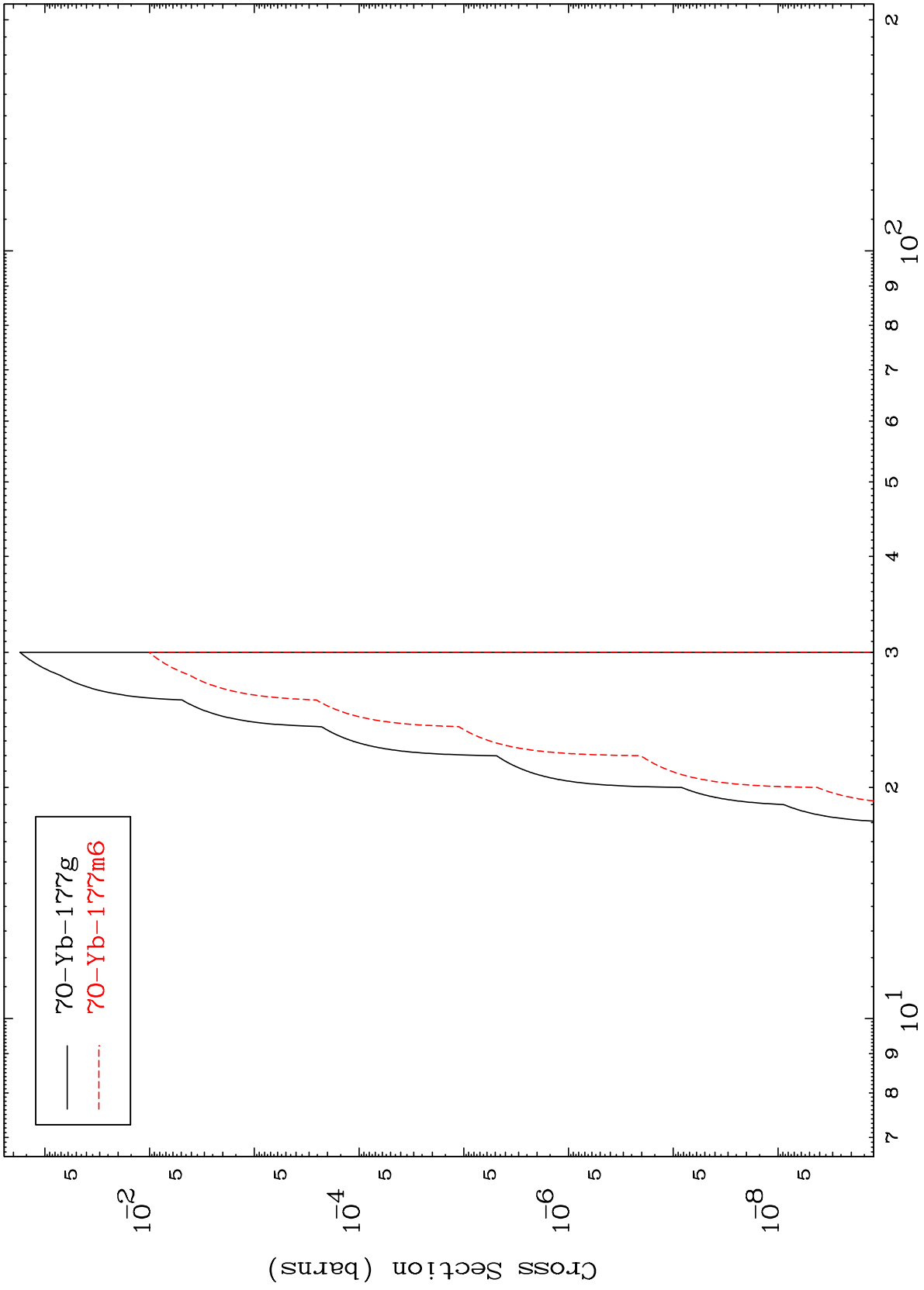
70-Yb-178

MAT 7055

(α, n') α

$^{70}\text{Yb-178}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

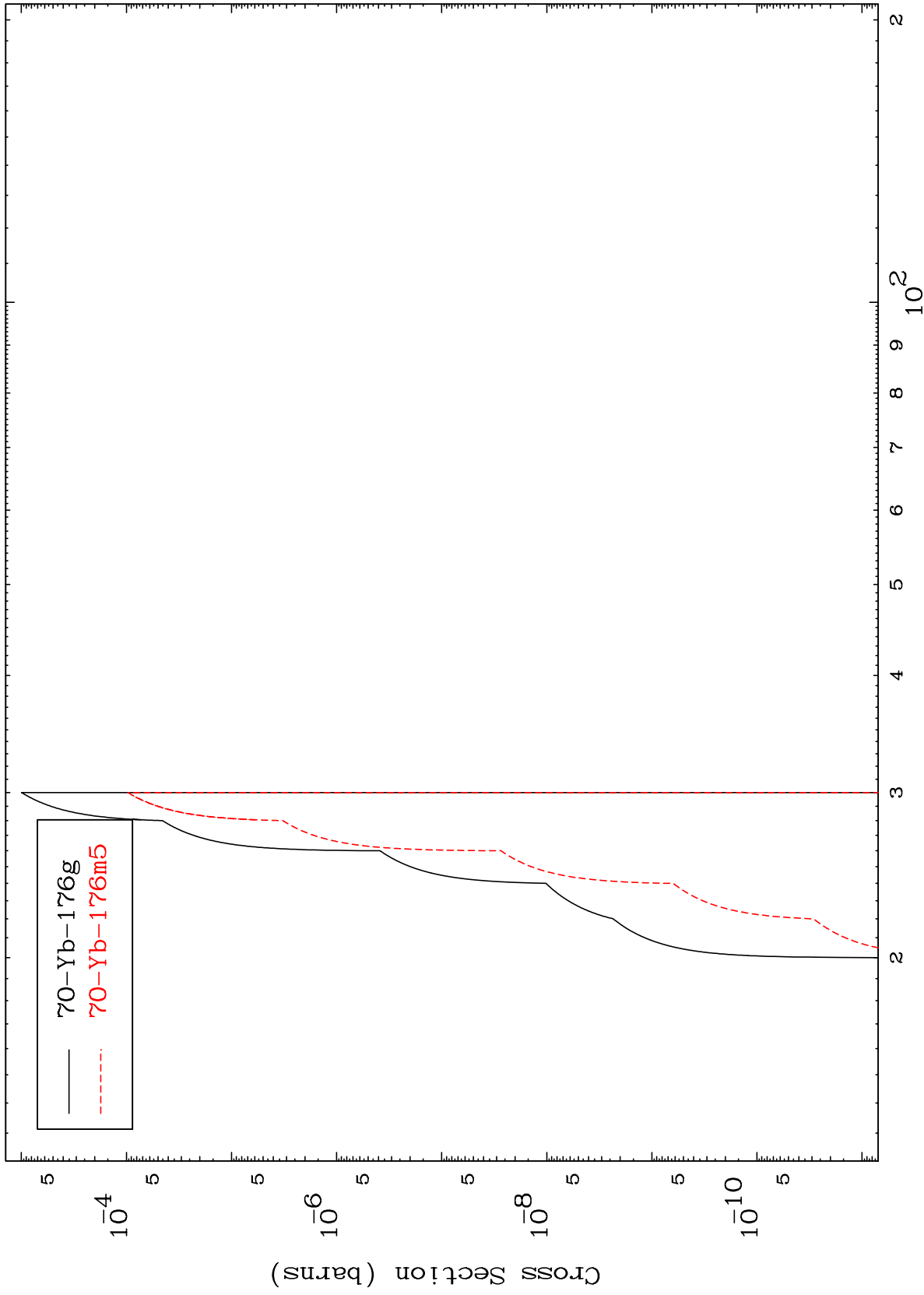
$^{70}\text{Yb-178}$

MAT 7055

$(\alpha, 2n) \alpha$

$^{70}\text{Yb-178}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

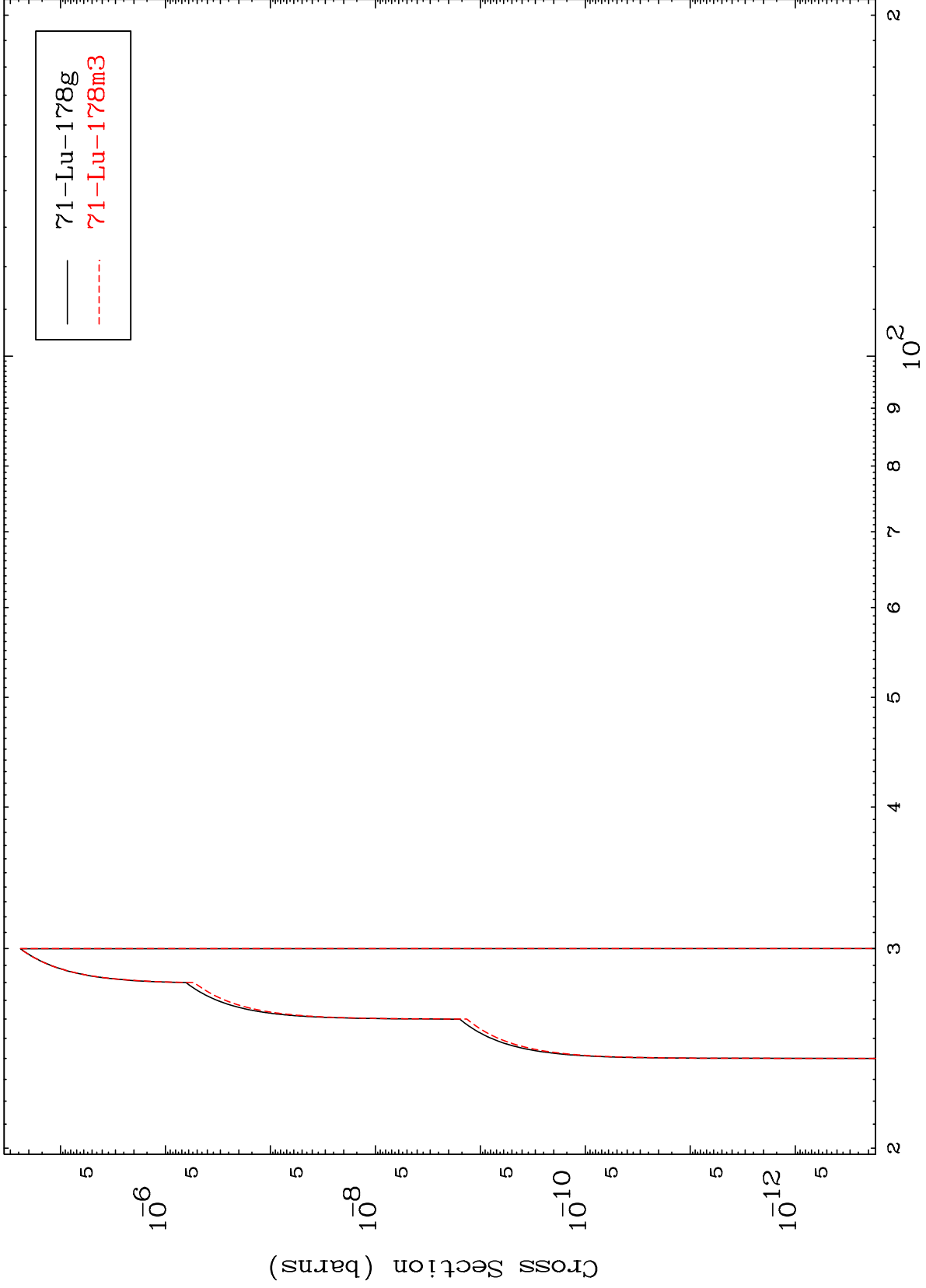
$^{70}\text{Yb-178}$

MAT 7055

(α, n') t

70-Yb-178

Radionuclide Production Cross Section



15

Incident Energy (MeV)

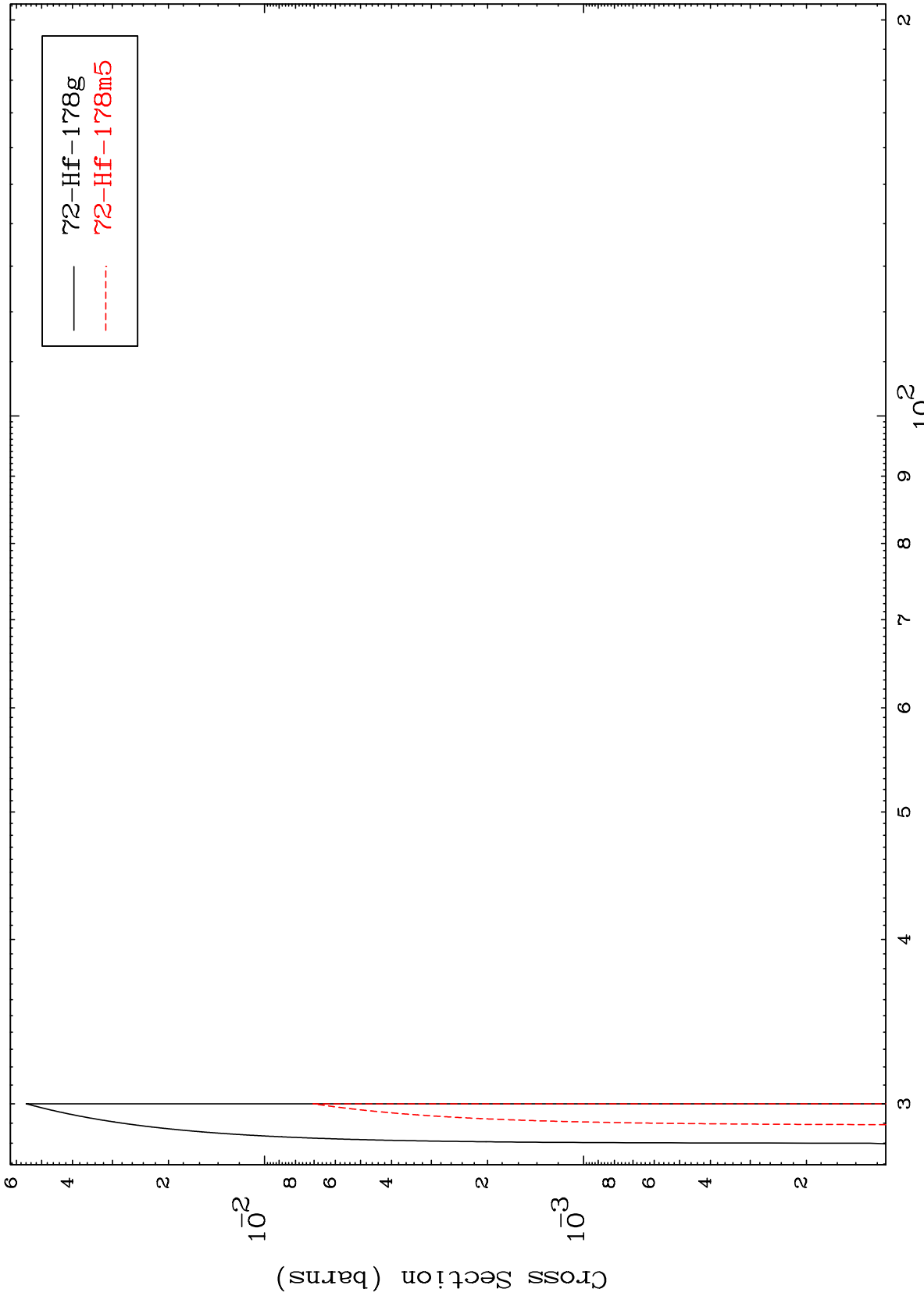
70-Yb-178

MAT 7055

($\alpha, 4n$)

70-Yb-178

Radionuclide Production Cross Section



72-Hf-178g
72-Hf-178m5

16

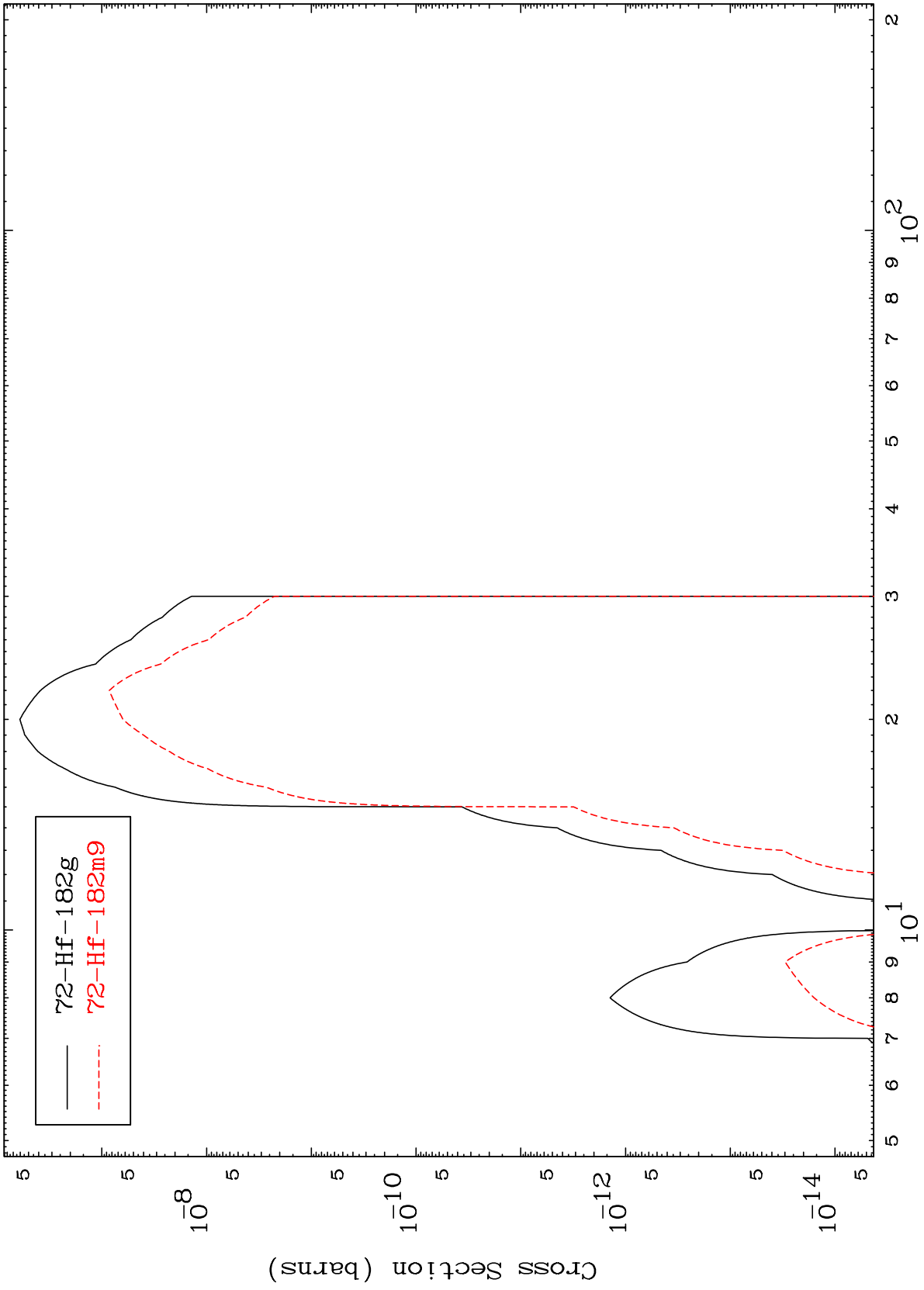
Incident Energy (MeV)

70-Yb-178

MAT 7055

Radionuclide Production Cross Section
(α, γ)

⁷⁰Yb-178



17

Incident Energy (MeV)

⁷⁰Yb-178