

Program EVALPLOT
(Version 2018-1)

by

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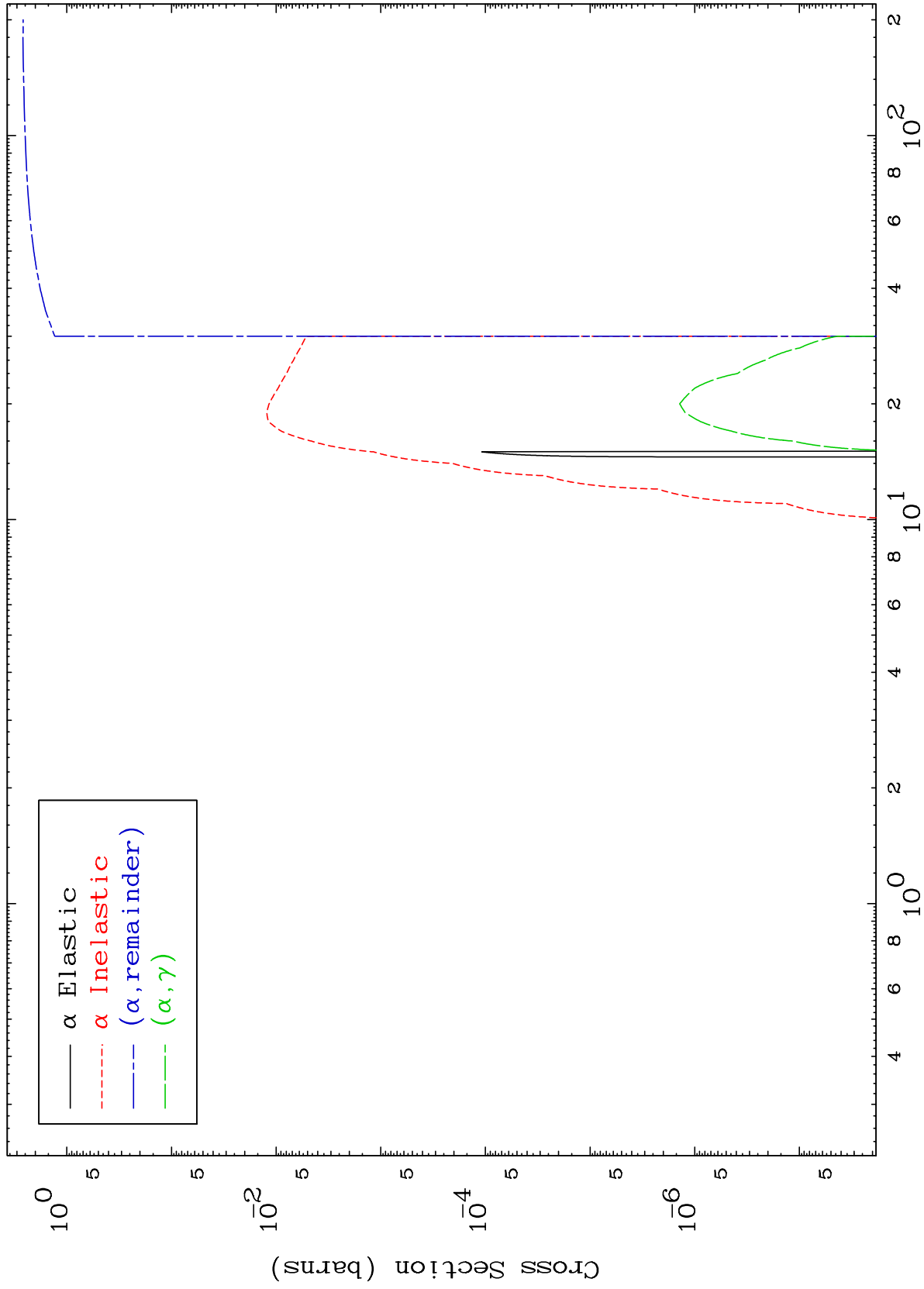
Press Mouse Button to Start

MAT 7050

α Major

70-Yb-176

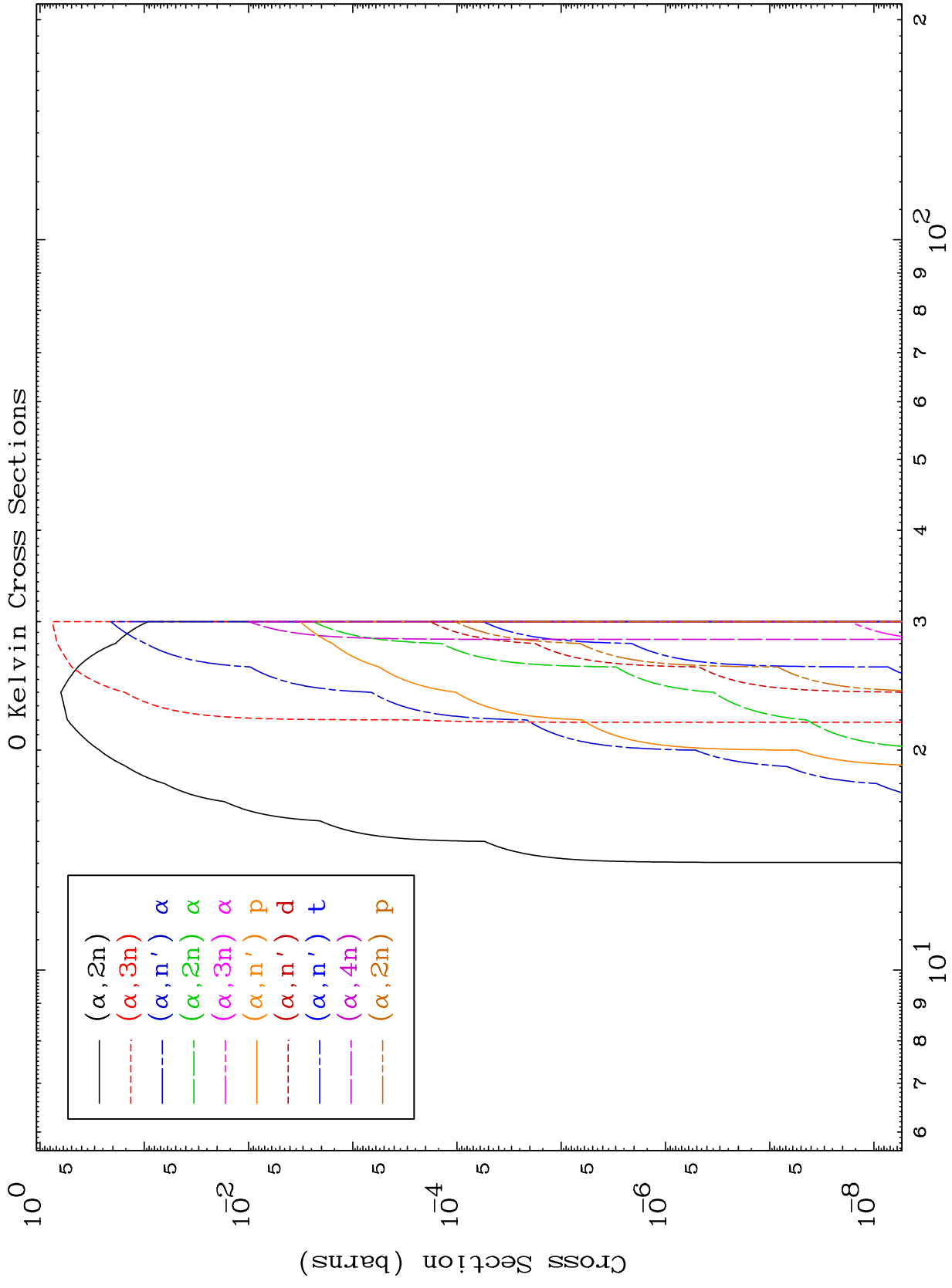
0 Kelvin Cross Sections



MAT 7050

α Neutron Production
0 Kelvin Cross Sections

70-Yb-176



2

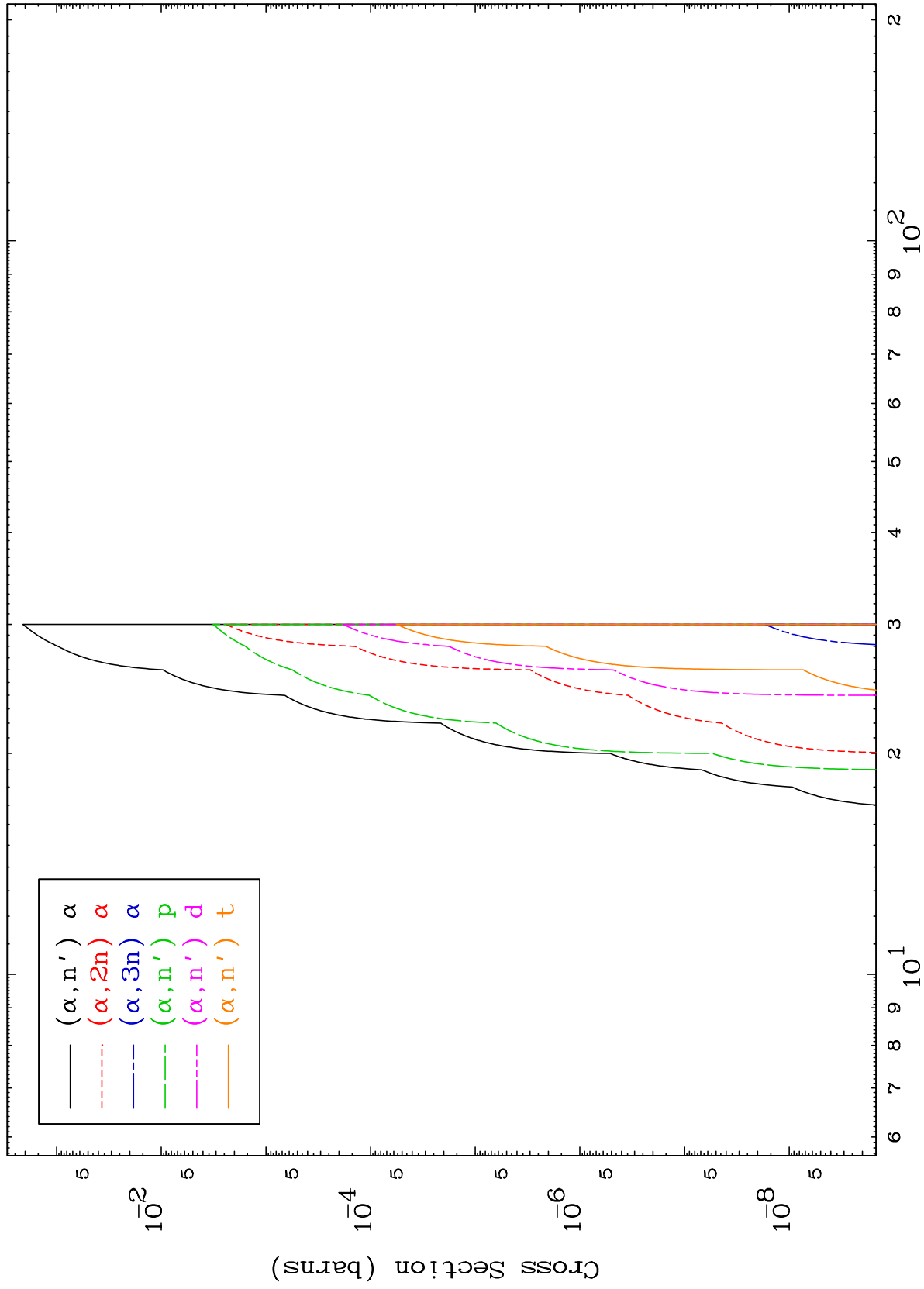
Incident Energy (MeV)

70-Yb-176

MAT 7050

α Charged Particle
0 Kelvin Cross Sections

70-Yb-176



3

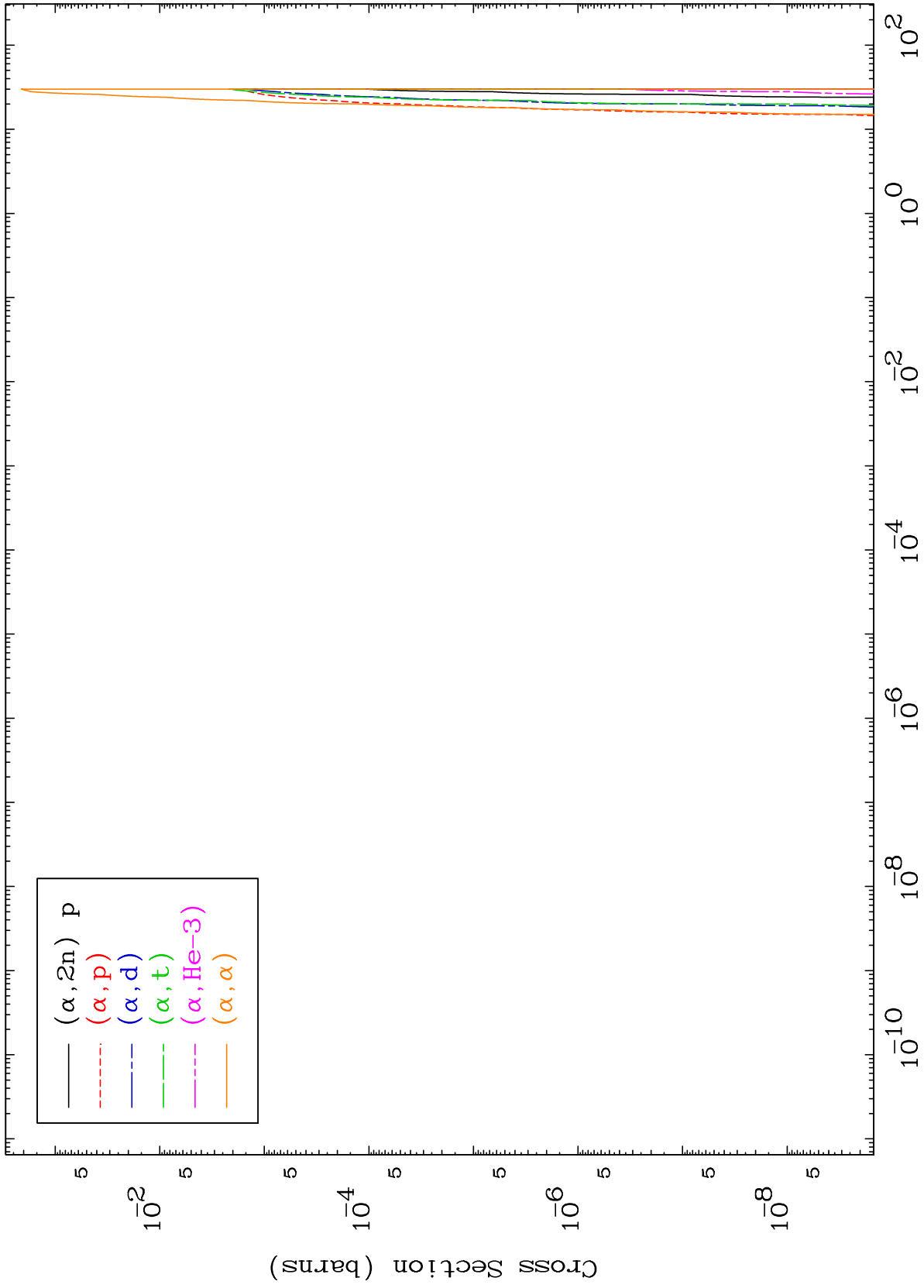
Incident Energy (MeV)

70-Yb-176

MAT 7050

α Charged Particle
0 Kelvin Cross Sections

70-Yb-176

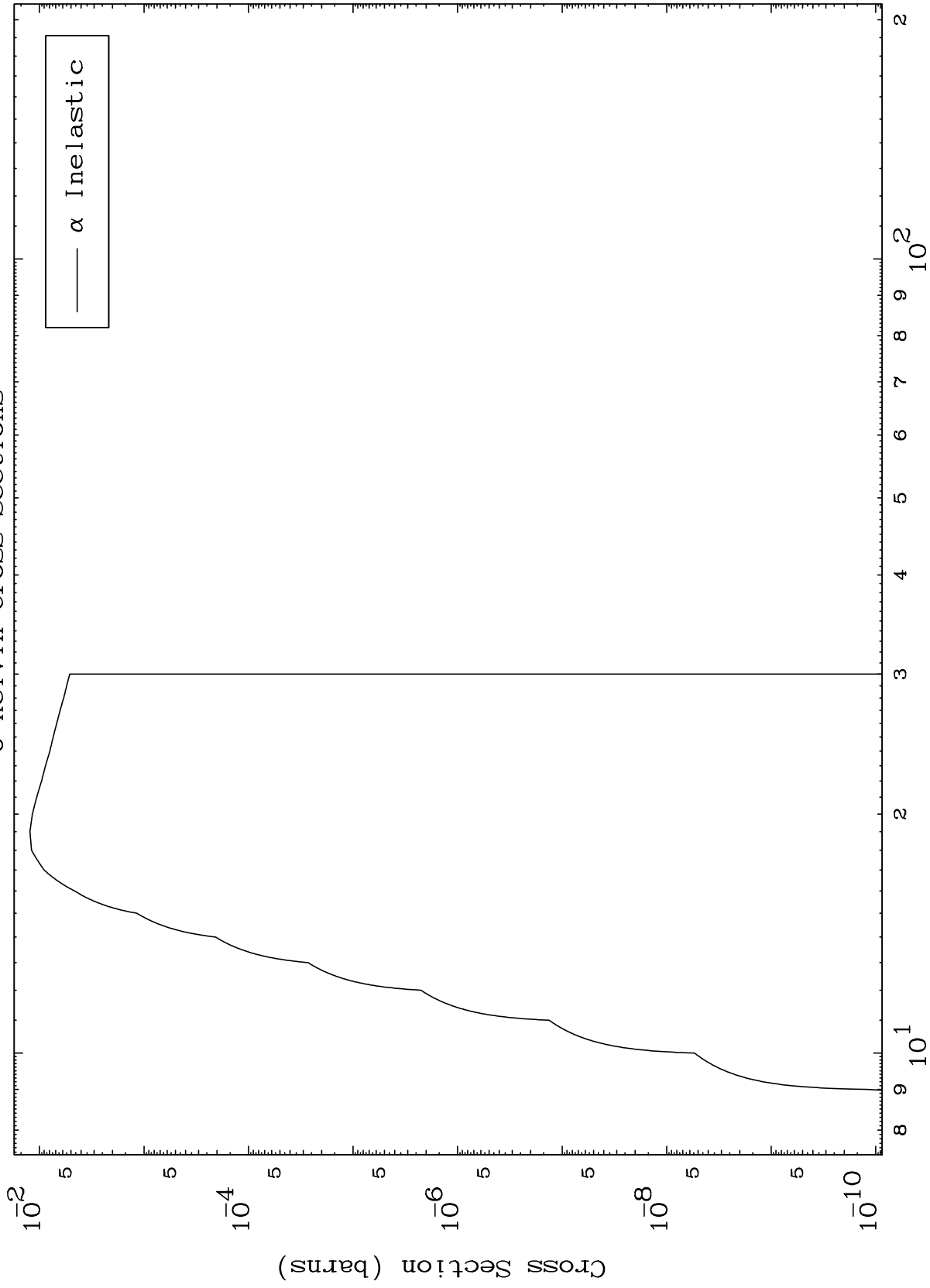


70-Yb-176

MAT 7050

(α, n') Level
0 Kelvin Cross Sections

70-Yb-176



5

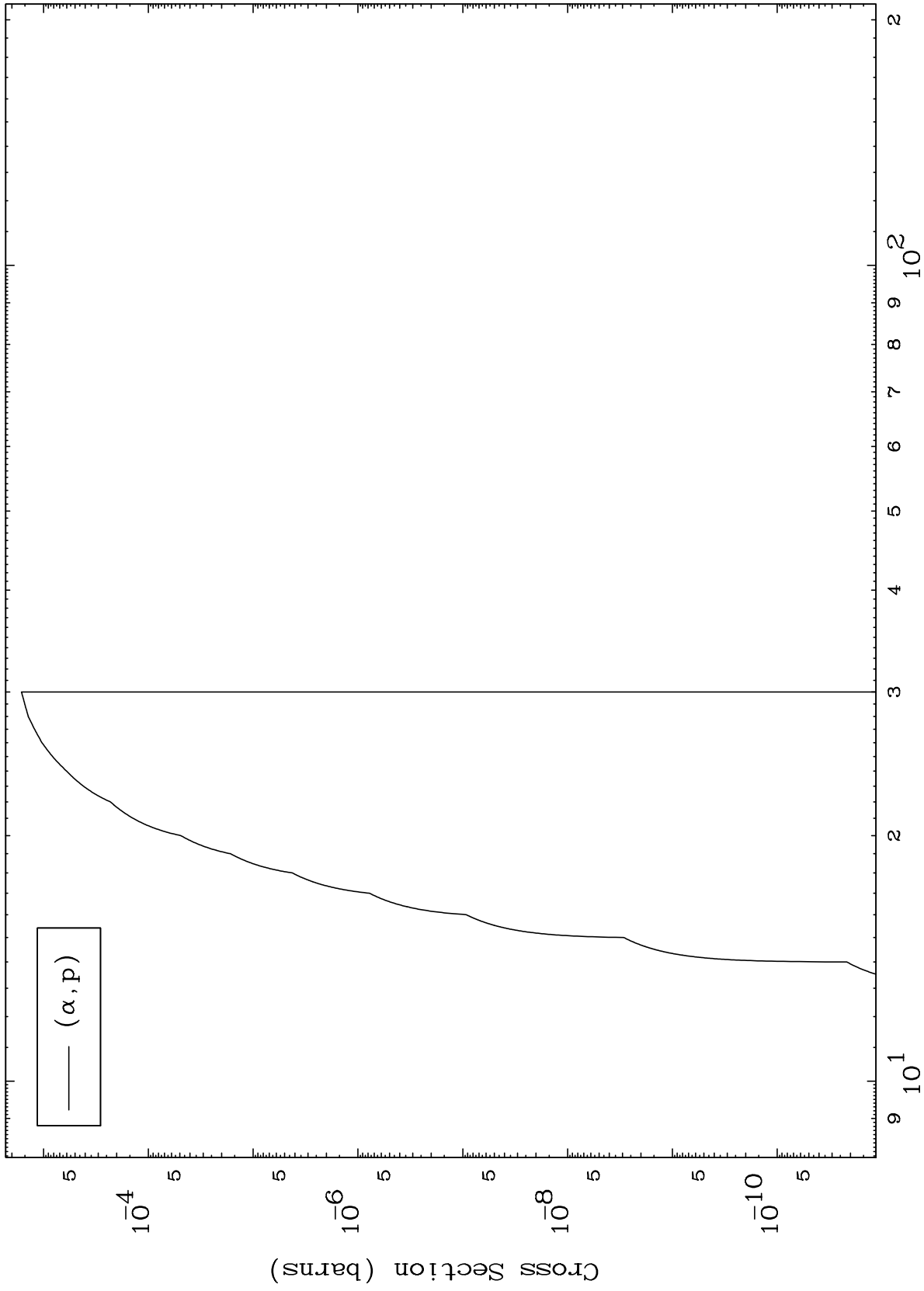
Incident Energy (MeV)

70-Yb-176

MAT 7050

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-176



6

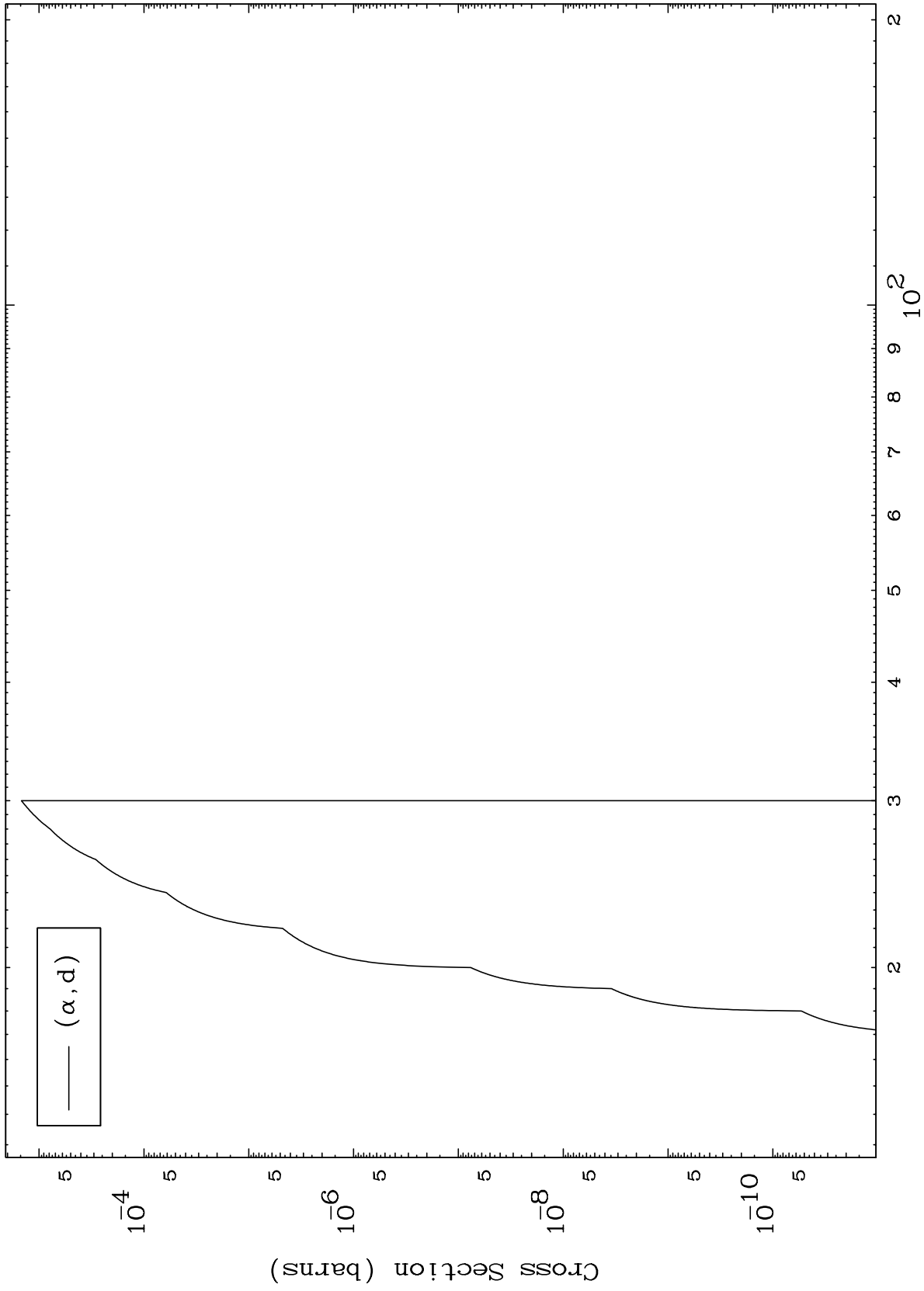
Incident Energy (MeV)

70-Yb-176

MAT 7050

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-176



7

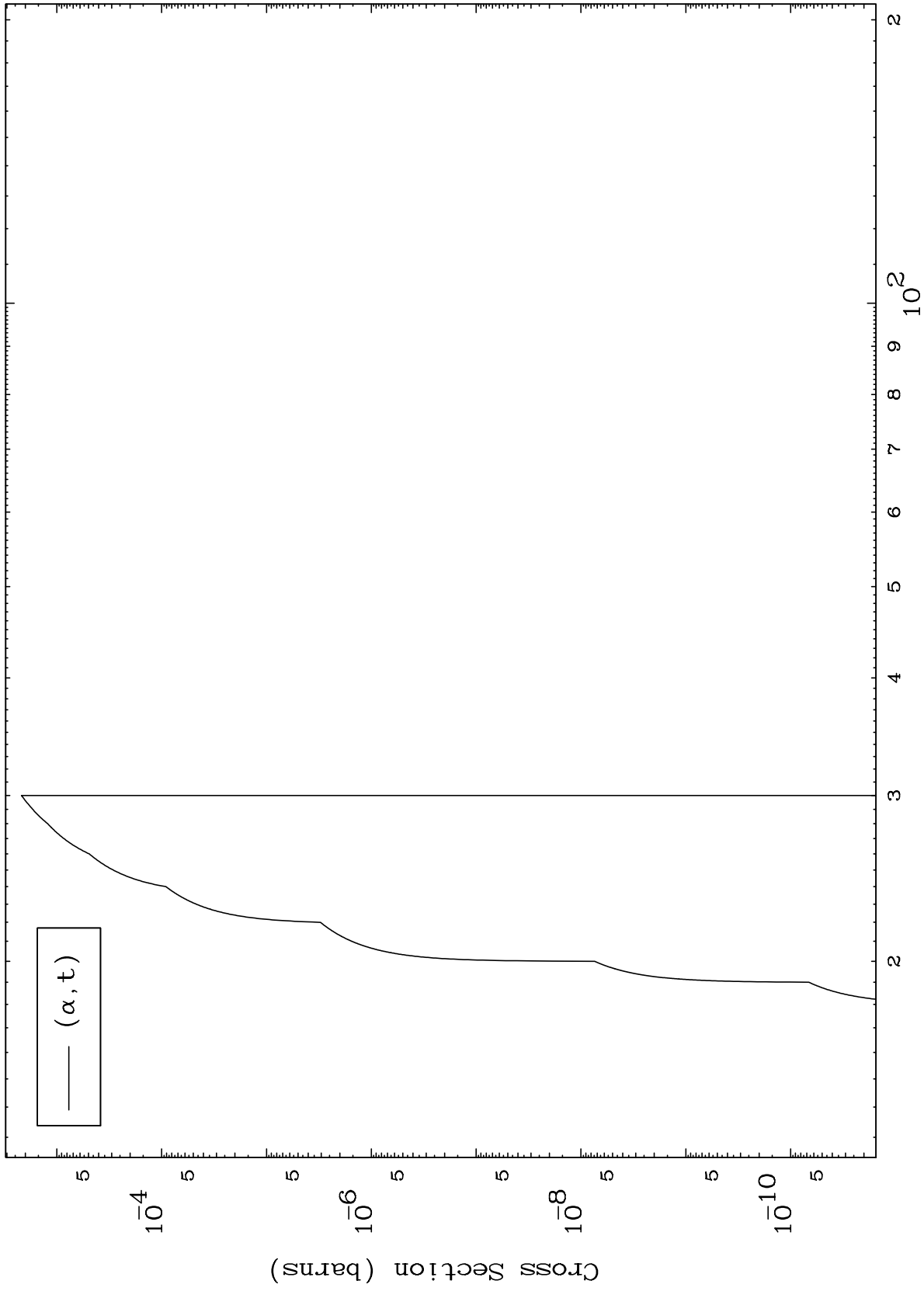
Incident Energy (MeV)

70-Yb-176

MAT 7050

(α, t) Levels
0 Kelvin Cross Sections

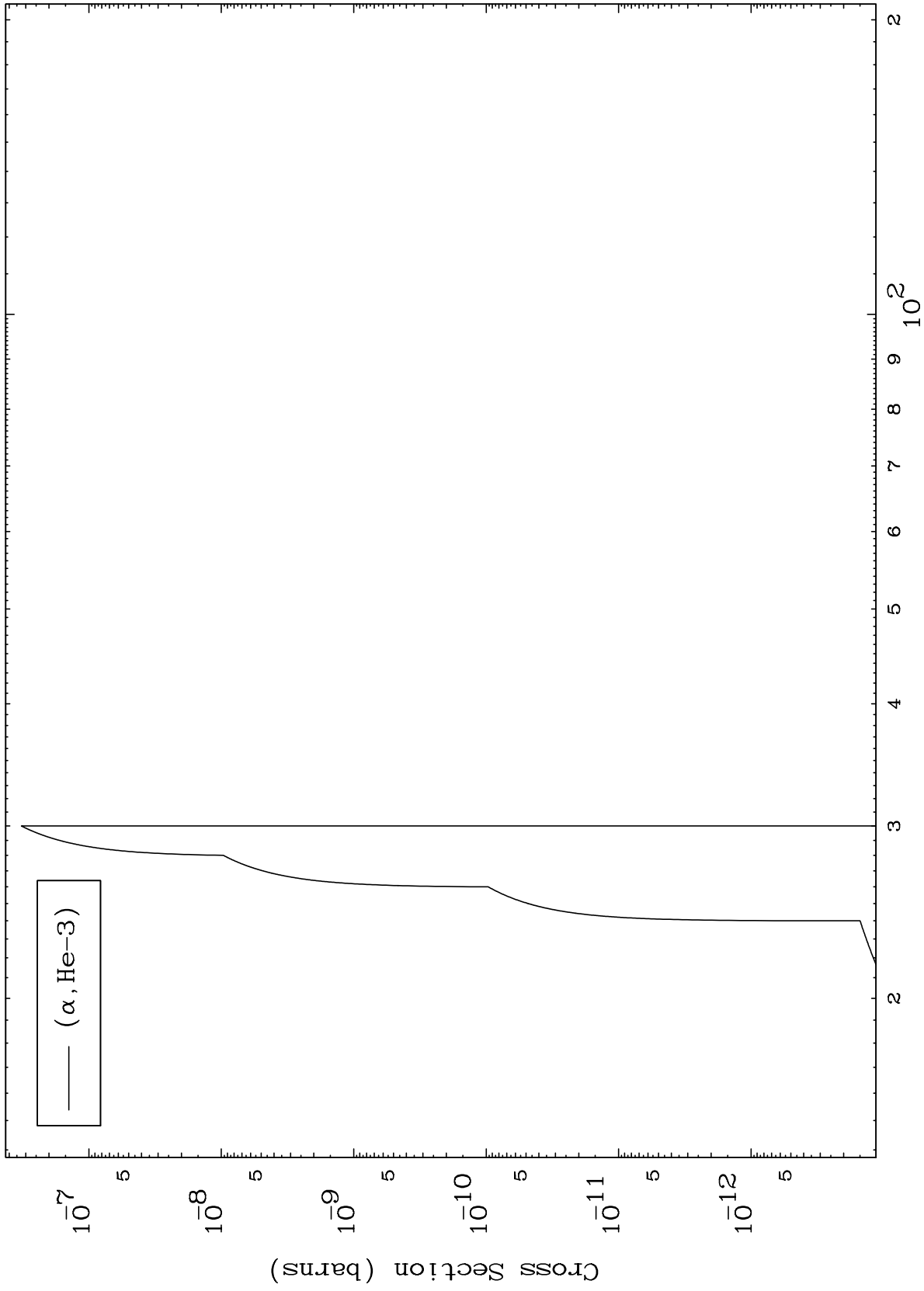
70-Yb-176



8

Incident Energy (MeV)

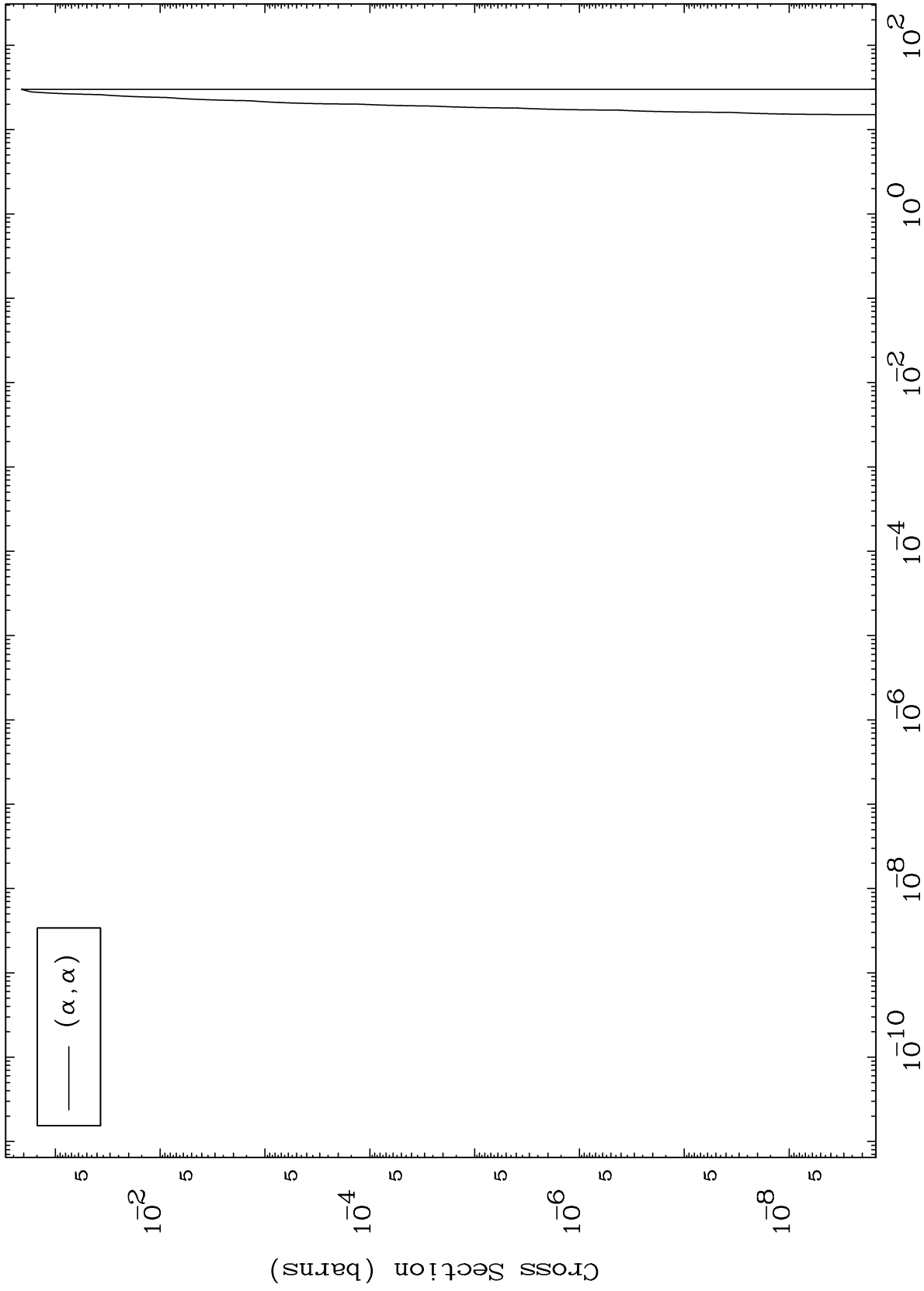
70-Yb-176



MAT 7050

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-176



10

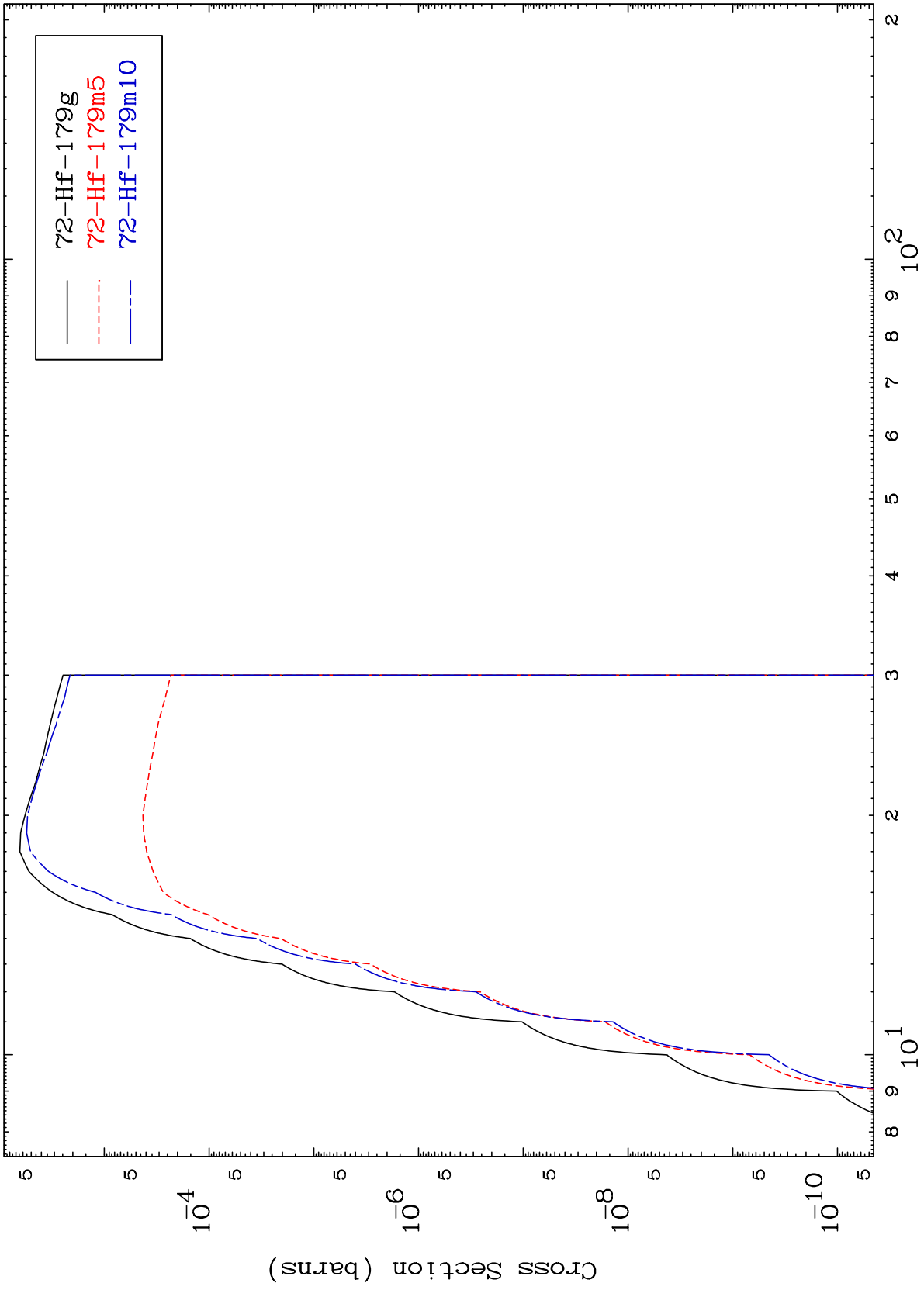
Incident Energy (MeV)

70-Yb-176

MAT 7050

Radionuclide Production Cross Section
 α Inelastic

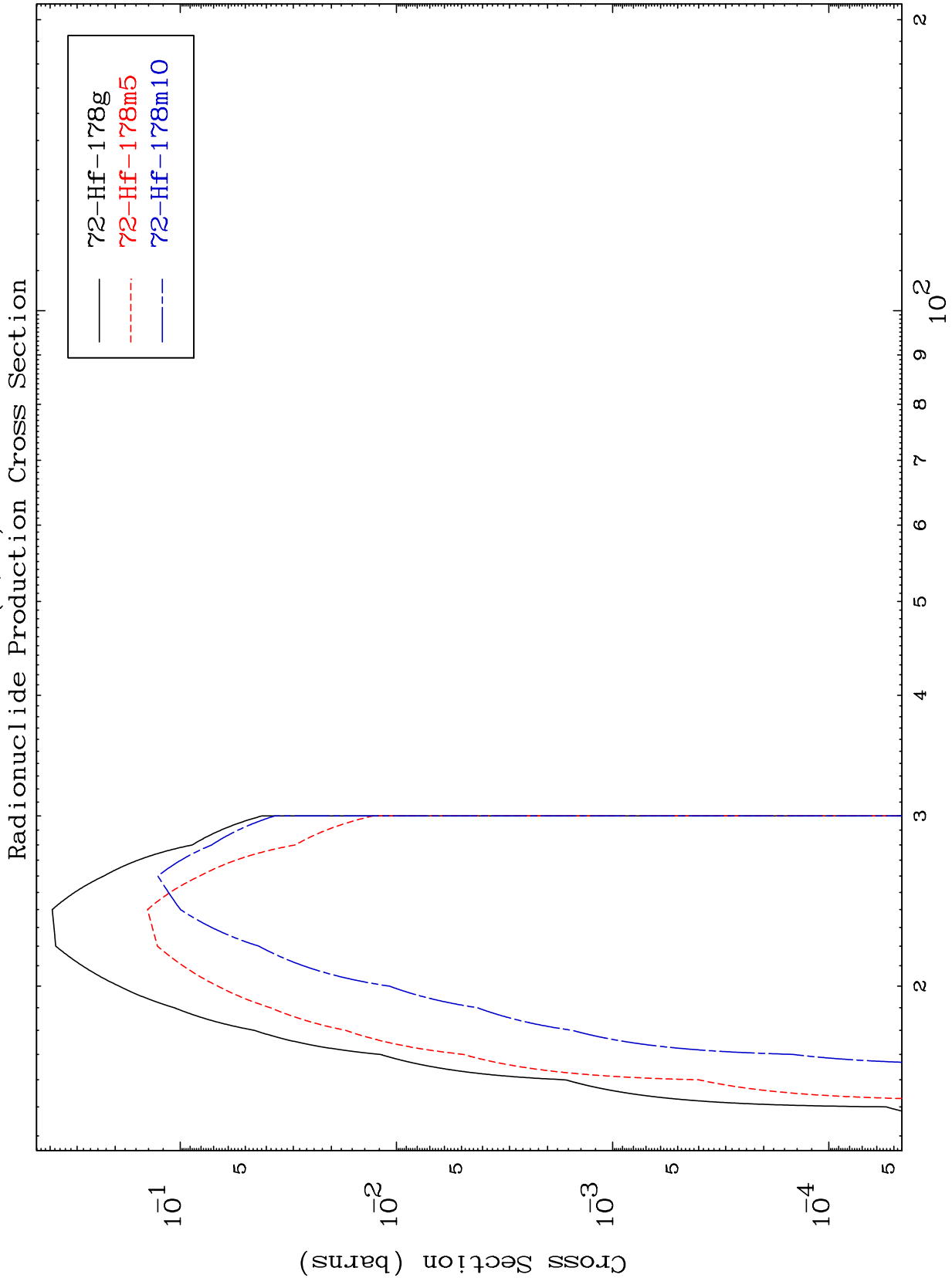
70-Yb-176



11

Incident Energy (MeV)

70-Yb-176

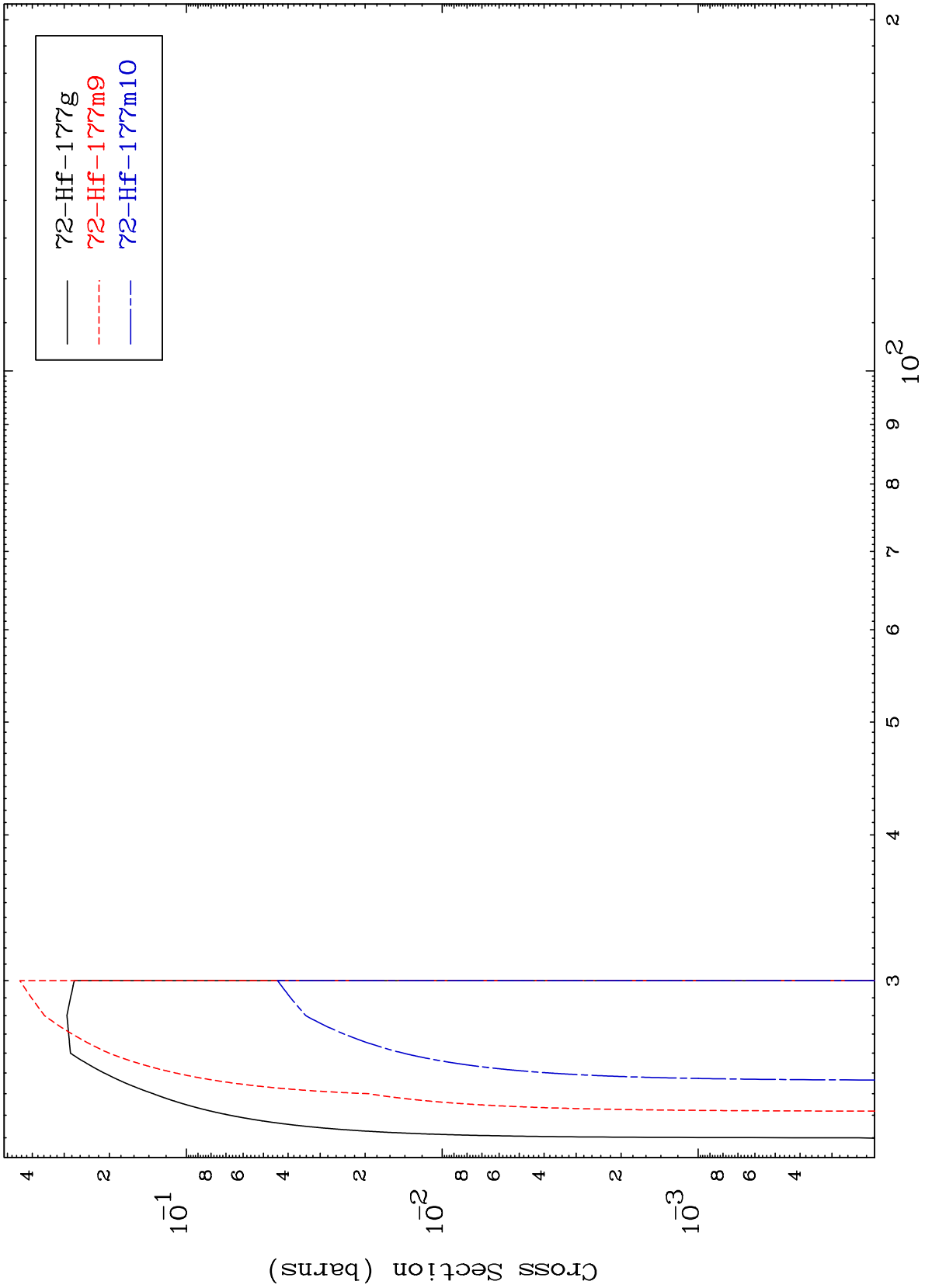


MAT 7050

($\alpha, 3n$)

70-Yb-176

Radionuclide Production Cross Section



13

Incident Energy (MeV)

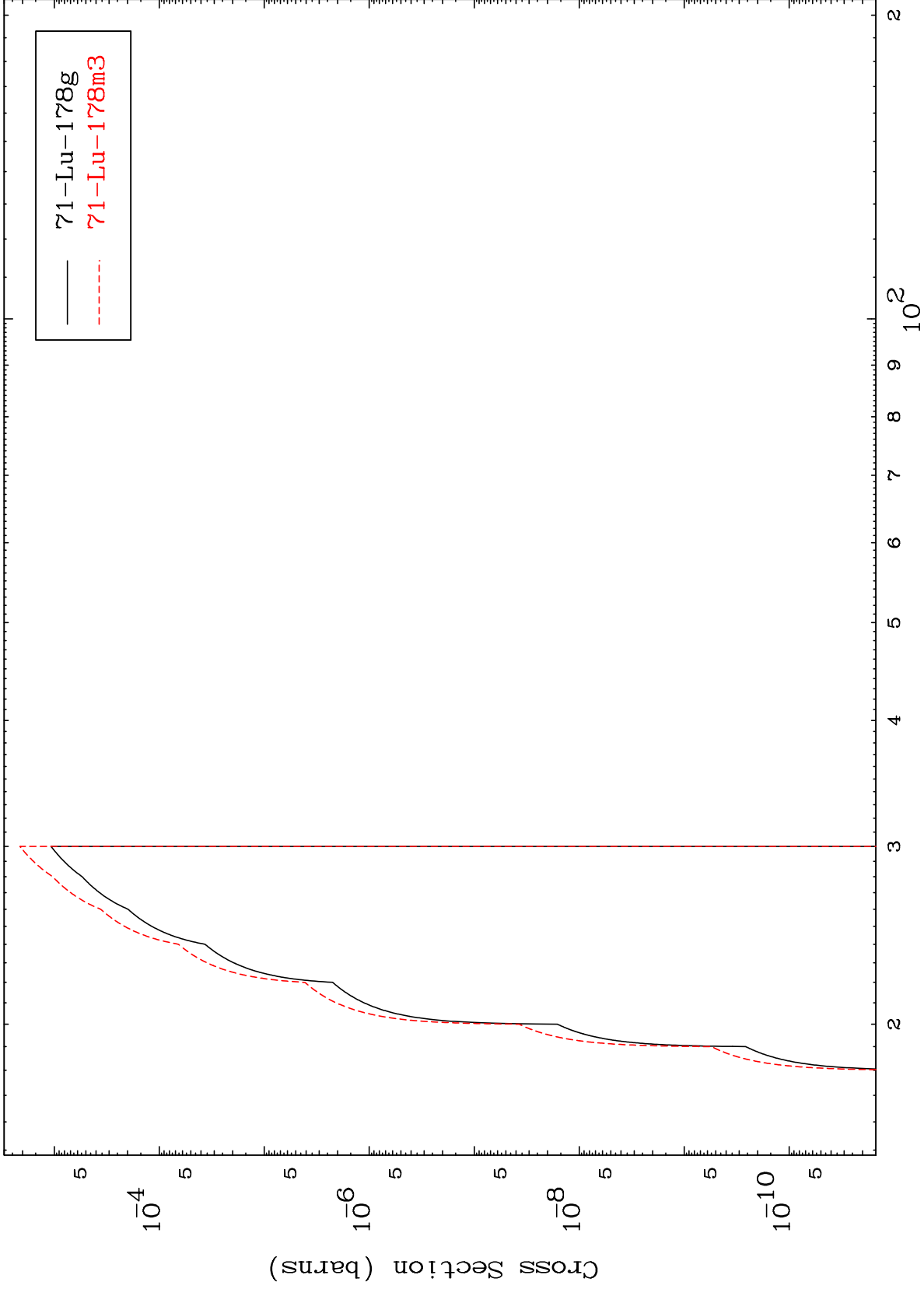
70-Yb-176

MAT 7050

(α, n') p

⁷⁰Yb-176

Radionuclide Production Cross Section



14

Incident Energy (MeV)

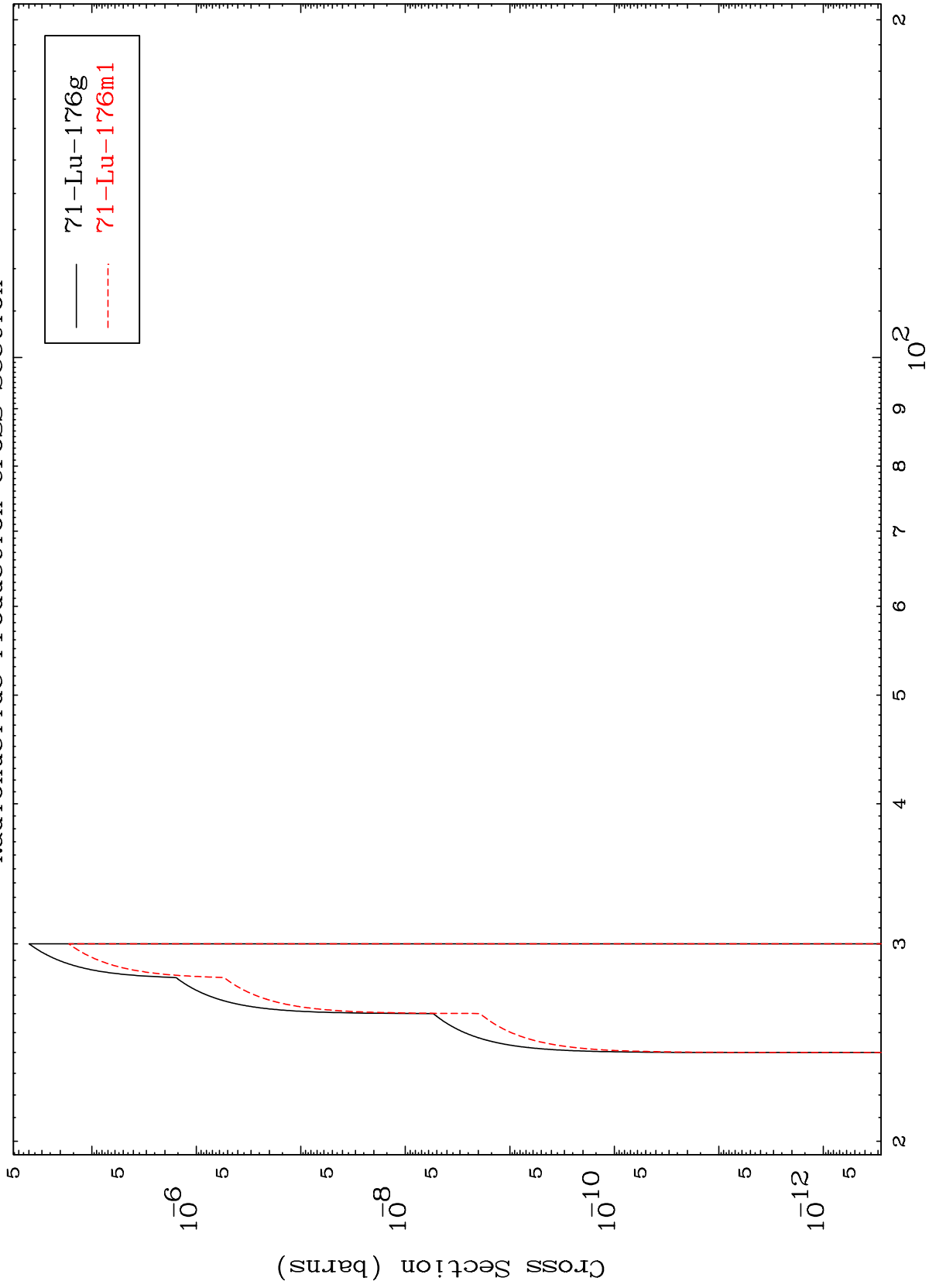
⁷⁰Yb-176

MAT 7050

(α, n') t

⁷⁰Yb-176

Radionuclide Production Cross Section



16

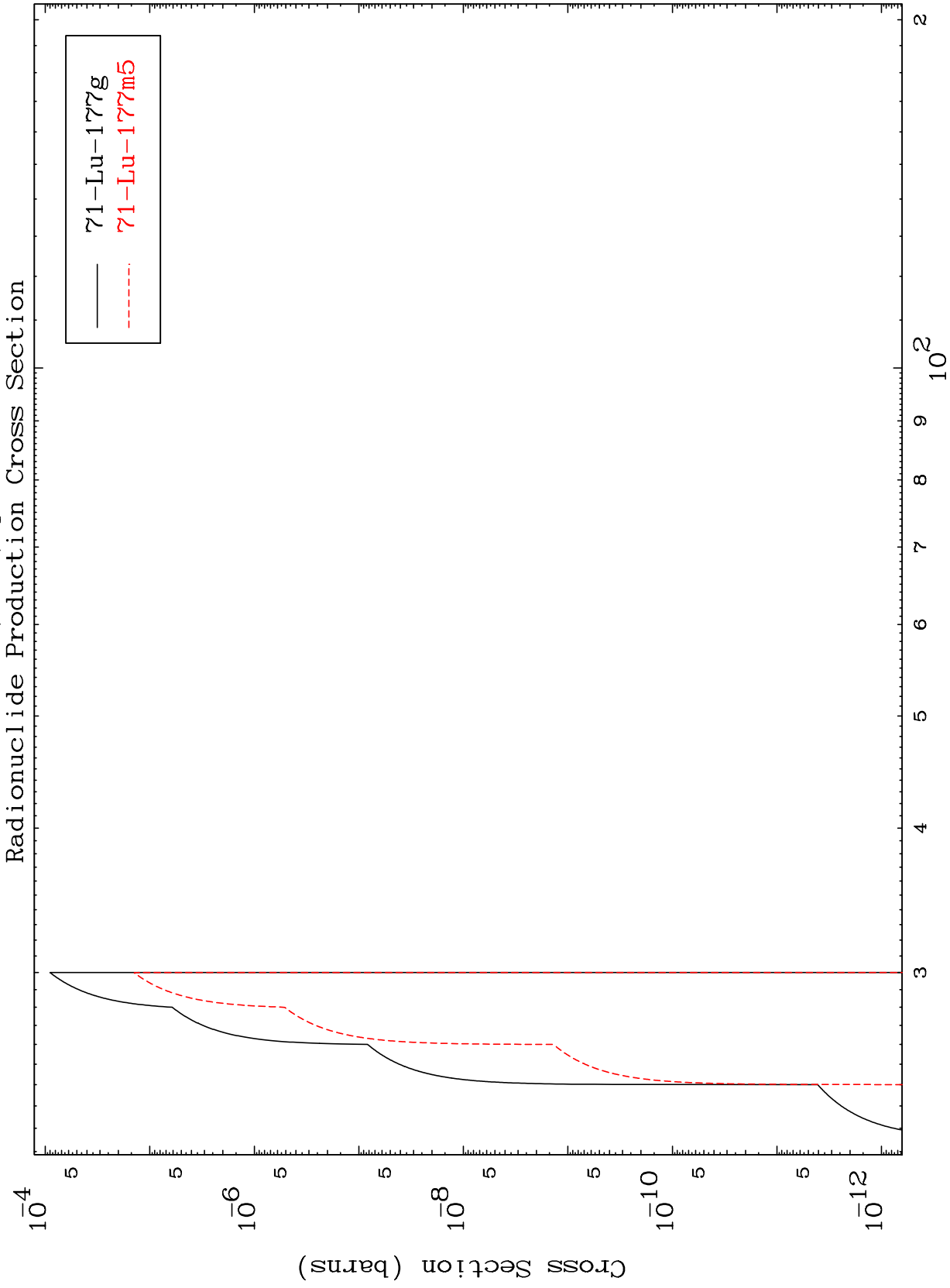
Incident Energy (MeV)

⁷⁰Yb-176

MAT 7050

($\alpha, 2n$) p

⁷⁰Yb-176



17

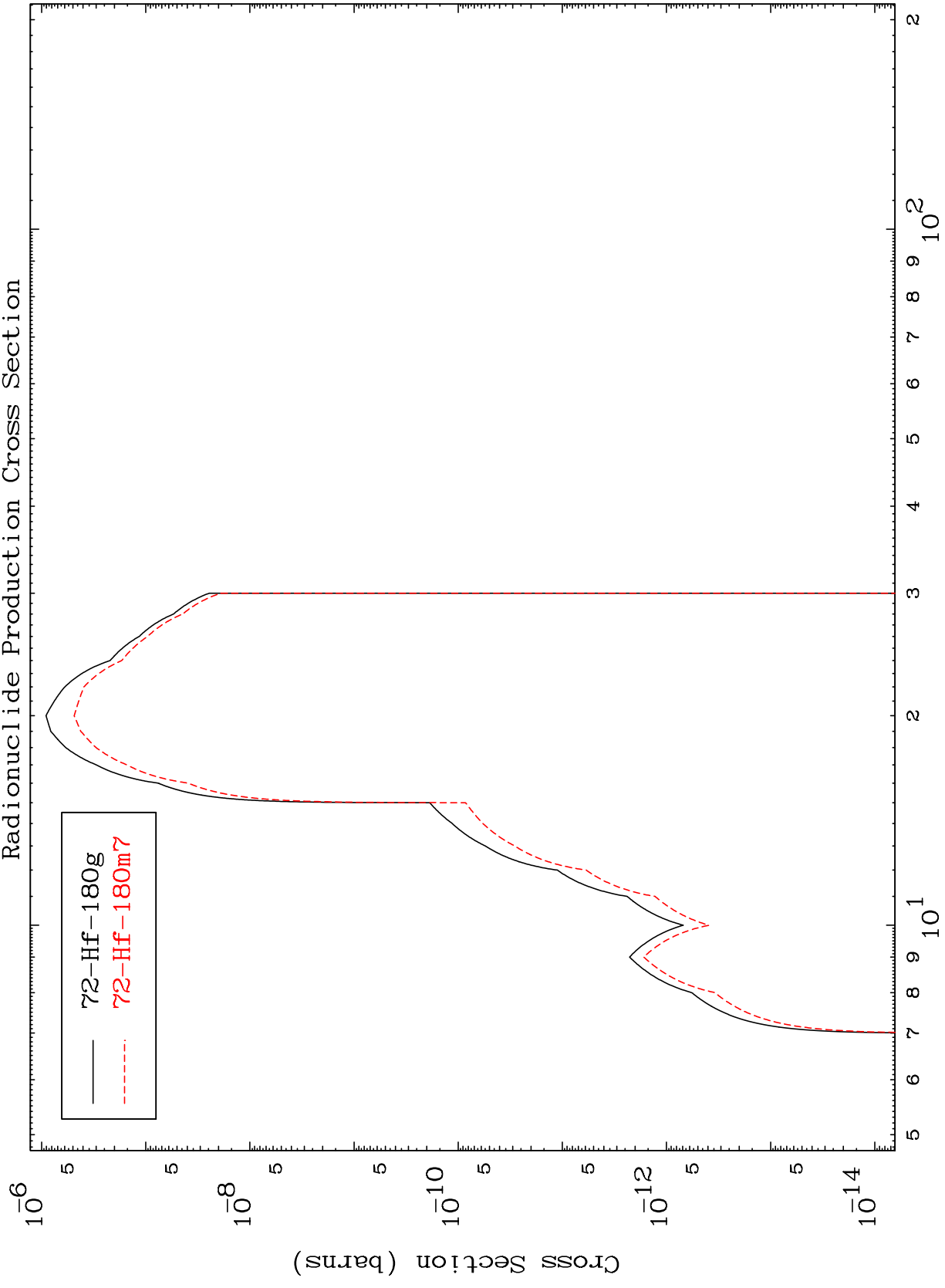
Incident Energy (MeV)

⁷⁰Yb-176

MAT 7050

Radionuclide Production Cross Section
(α, γ)

$^{70}\text{Yb-176}$



18

Incident Energy (MeV)

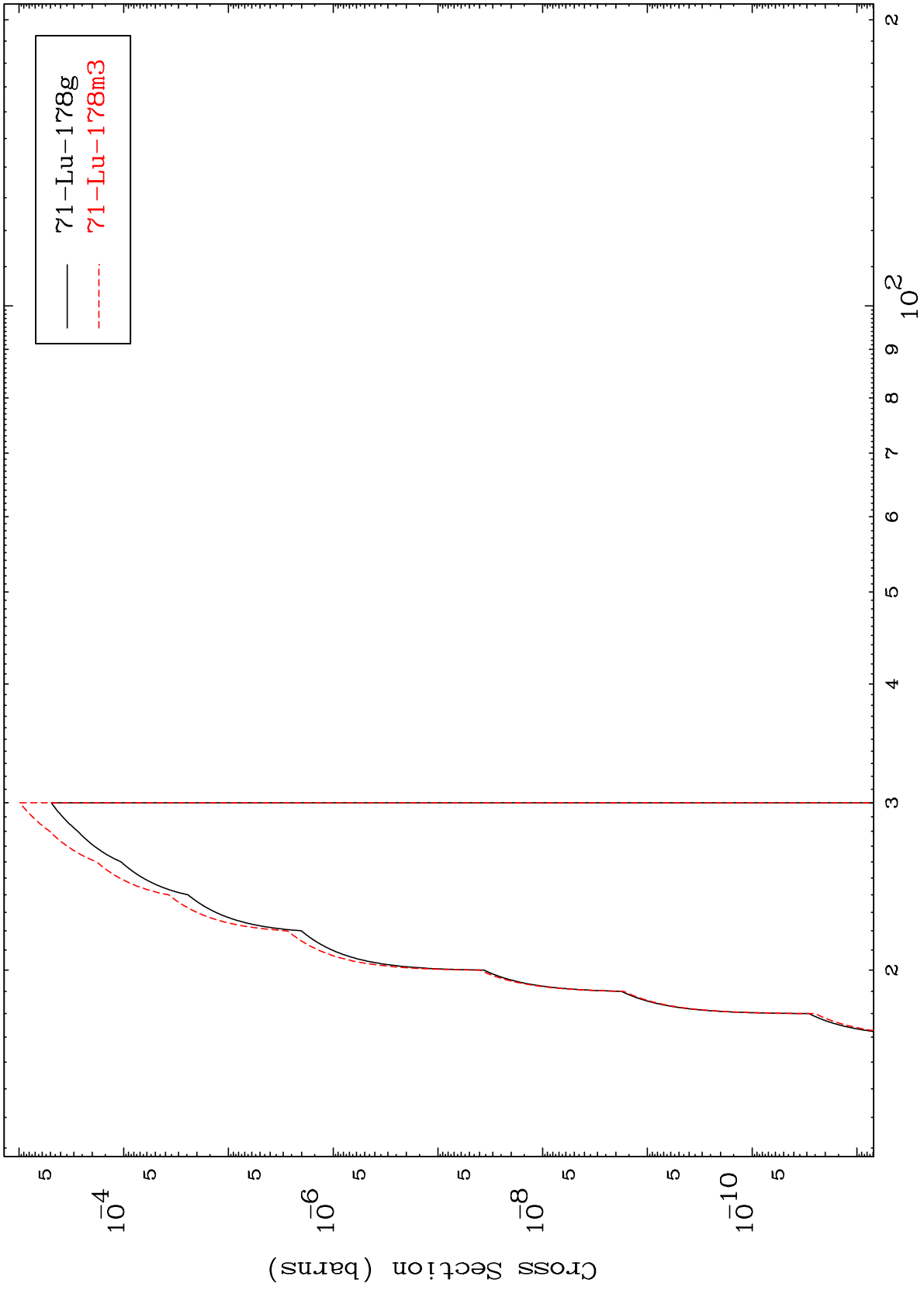
$^{70}\text{Yb-176}$

MAT 7050

(α, d)

$^{70}\text{Yb-176}$

Radionuclide Production Cross Section

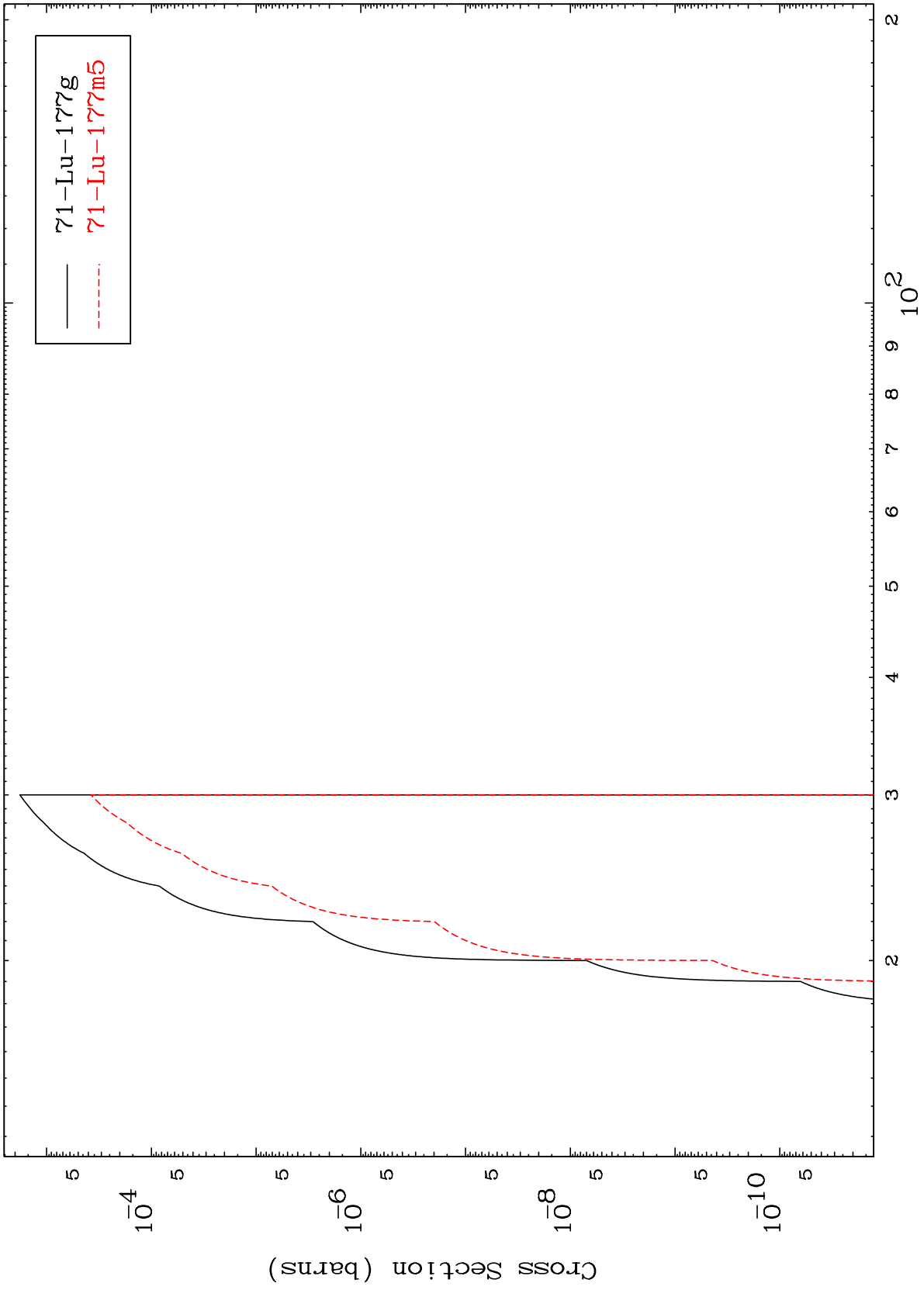


MAT 7050

(α, t)

70-Yb-176

Radionuclide Production Cross Section



20

Incident Energy (MeV)

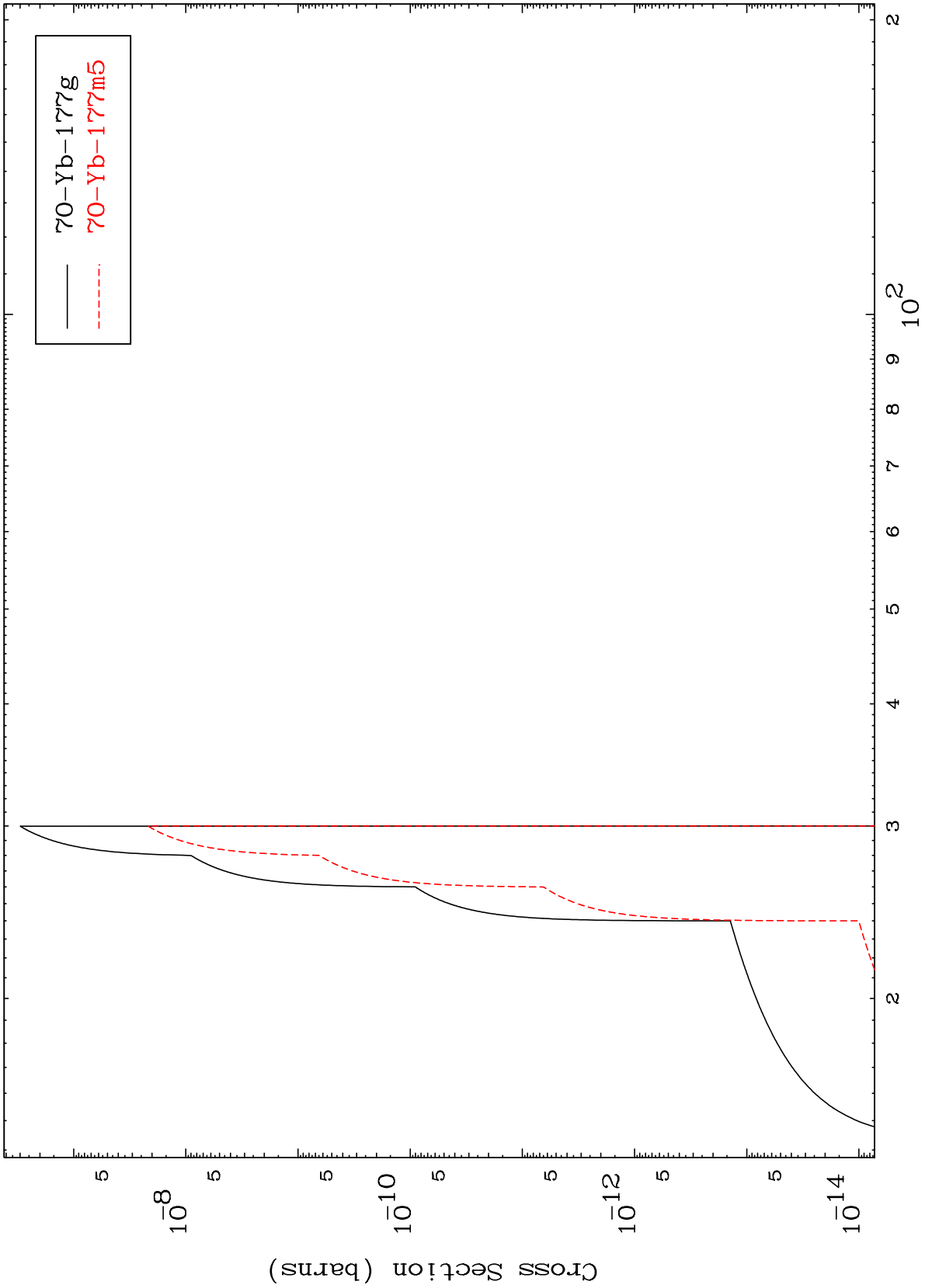
70-Yb-176

MAT 7050

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

70-Yb-176

Radionuclide Production Cross Section



21

Incident Energy (MeV)

70-Yb-176

MAT 7050

(α, α)
Radionuclide Production Cross Section

⁷⁰Yb-176

