

Program EVALPLOT
(Version 2018-1)

by

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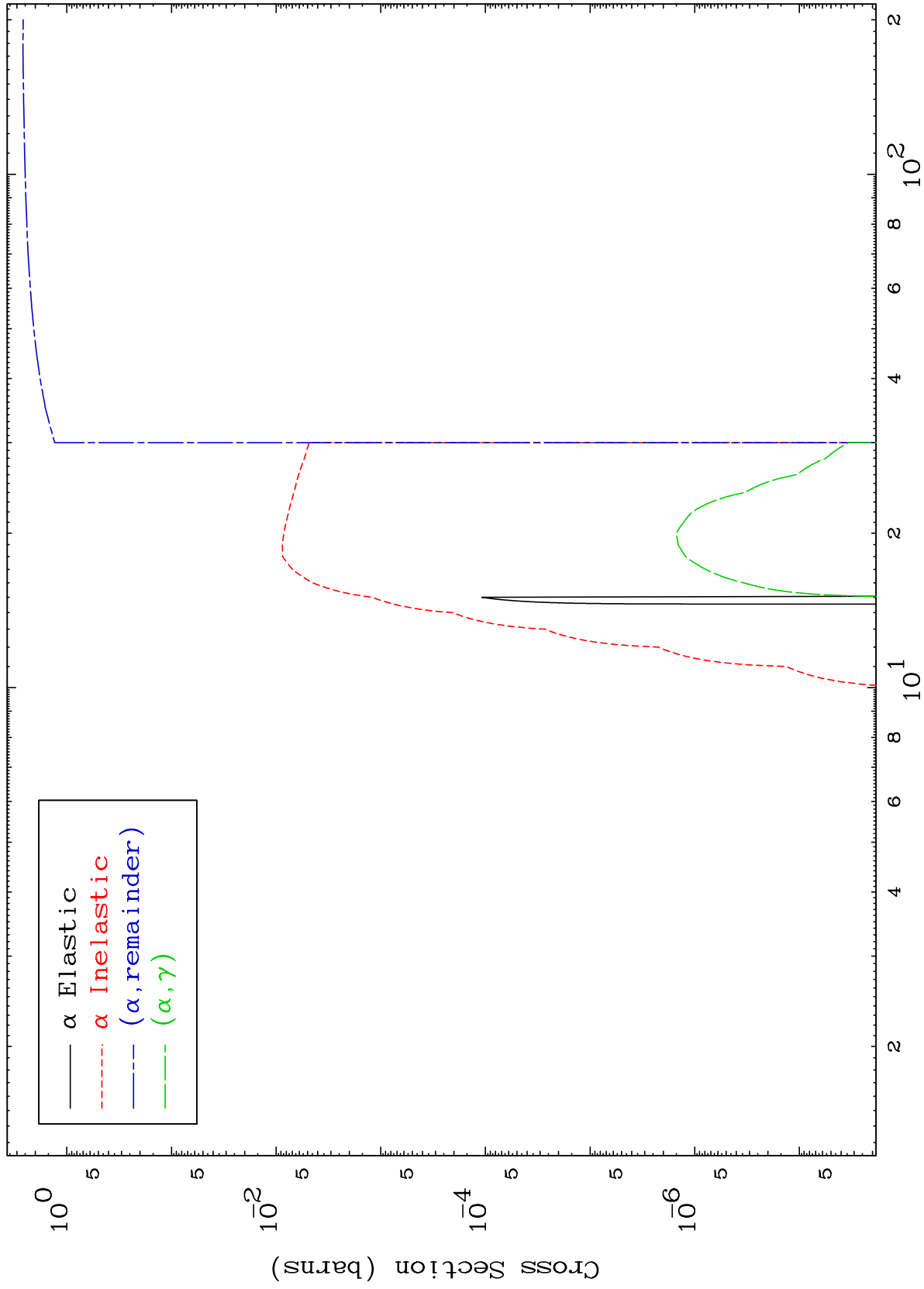
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7049

0 Kelvin α Major

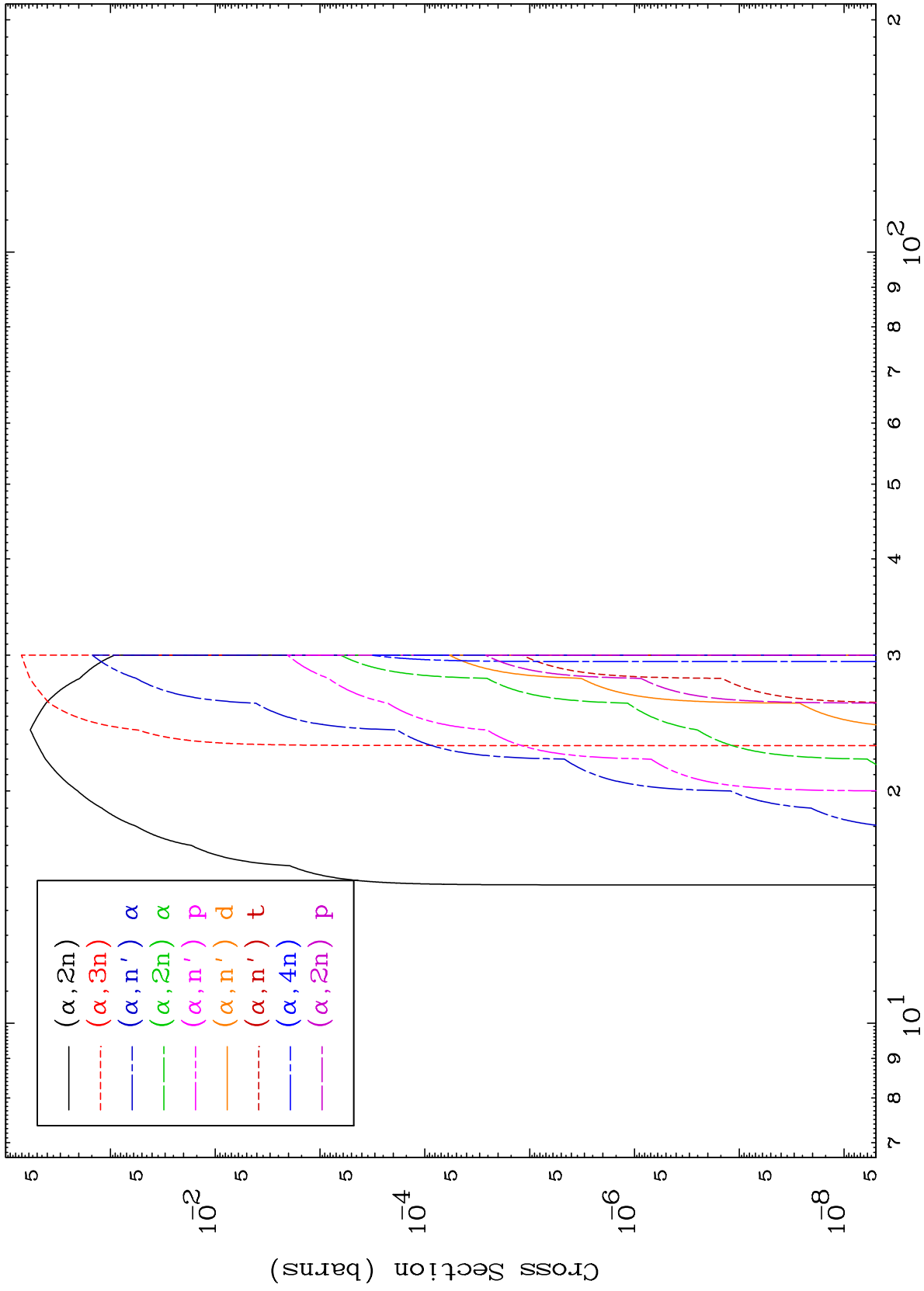
70-Yb-176

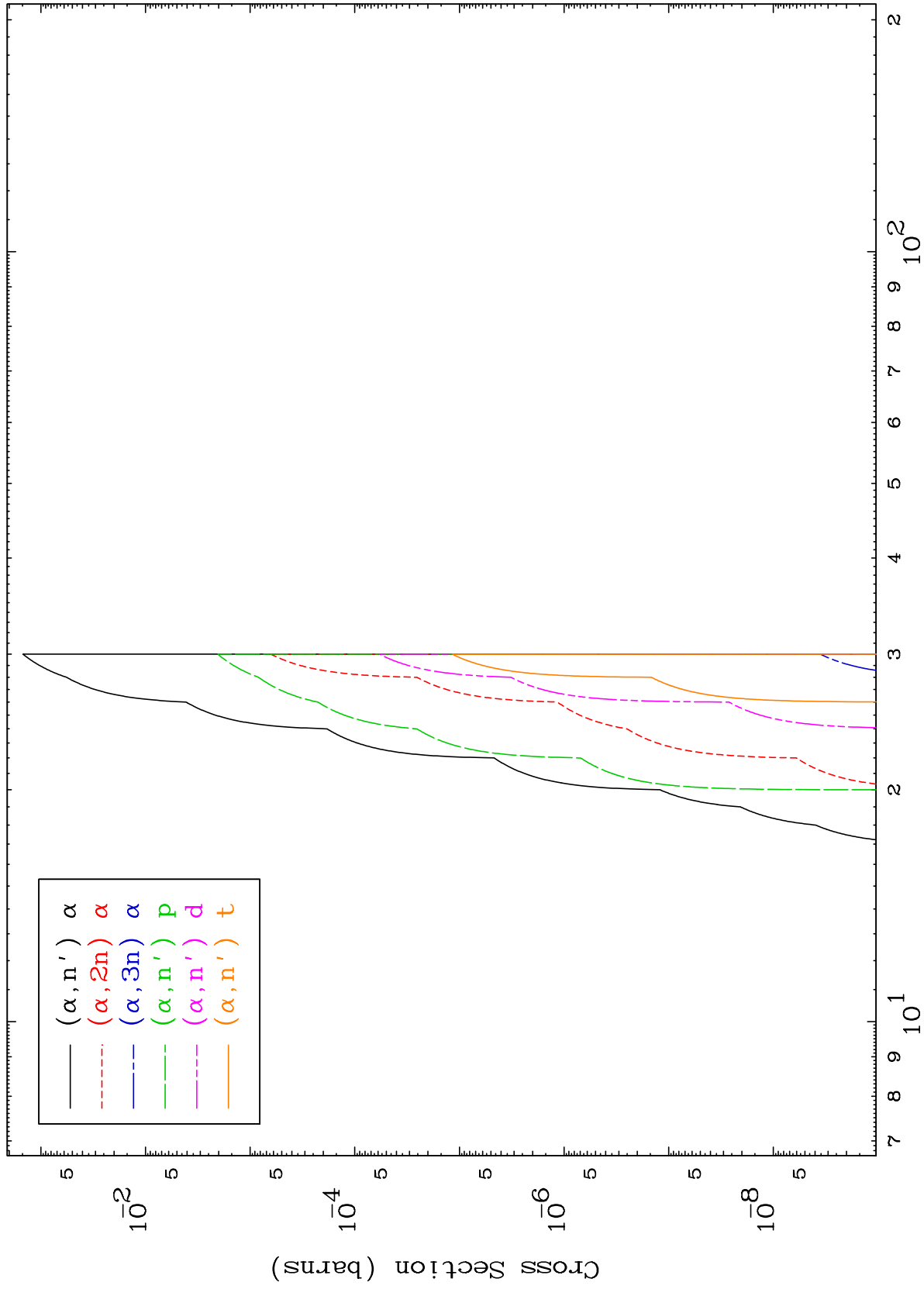


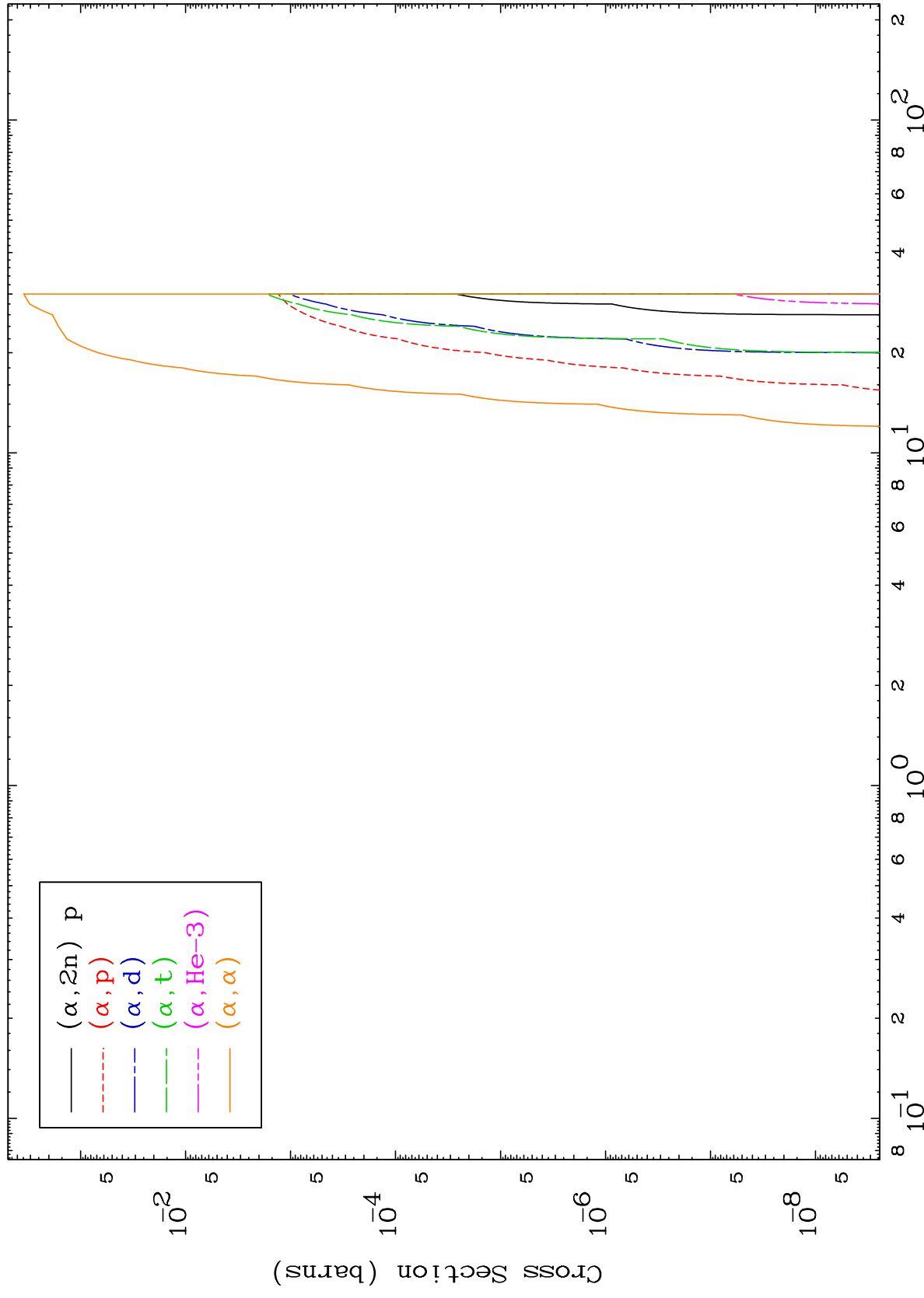
1

Incident Energy (MeV)

70-Yb-176



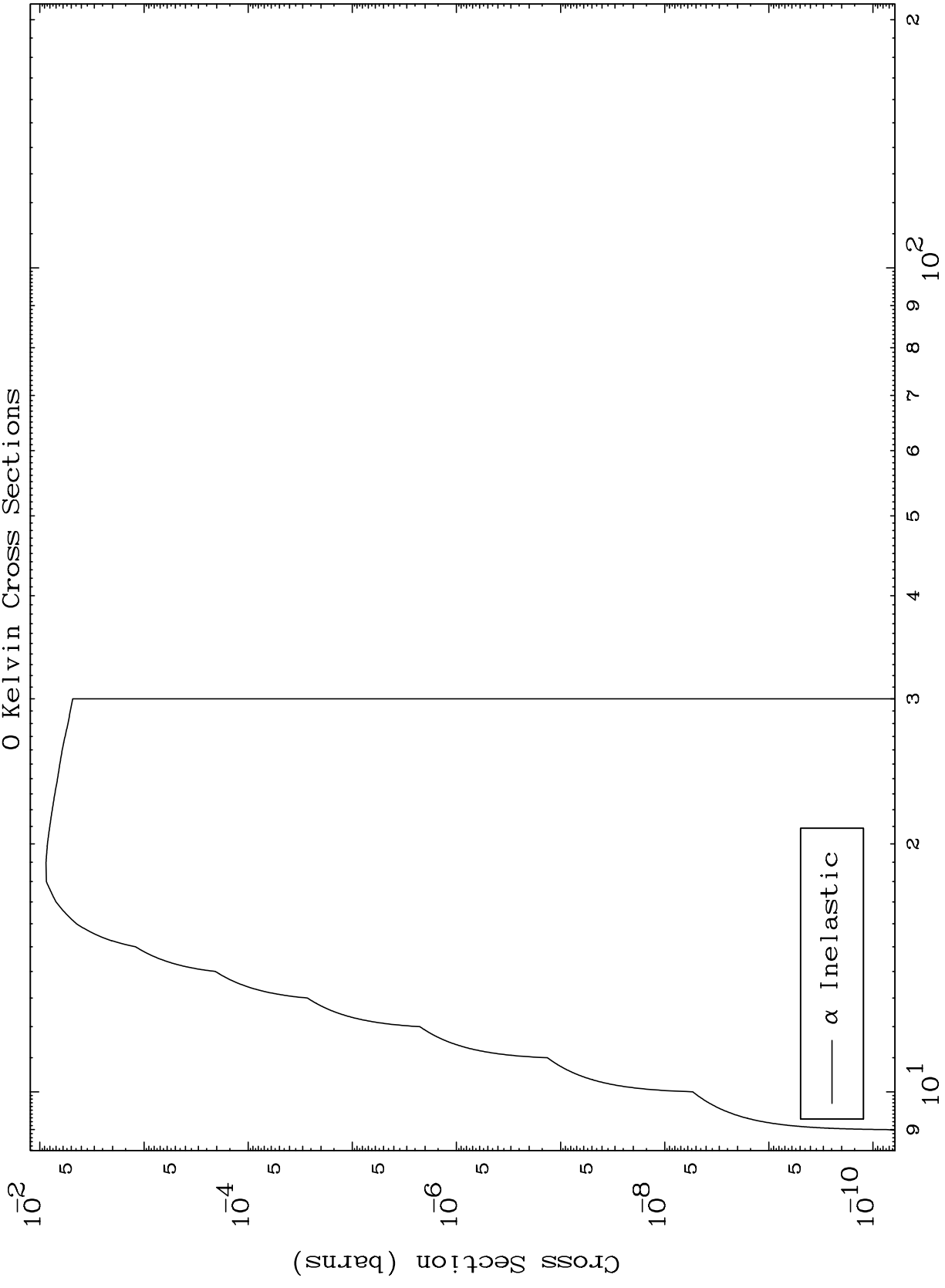




MAT 7049

(α, n') Level
0 Kelvin Cross Sections

70-Yb-176



α Inelastic

5

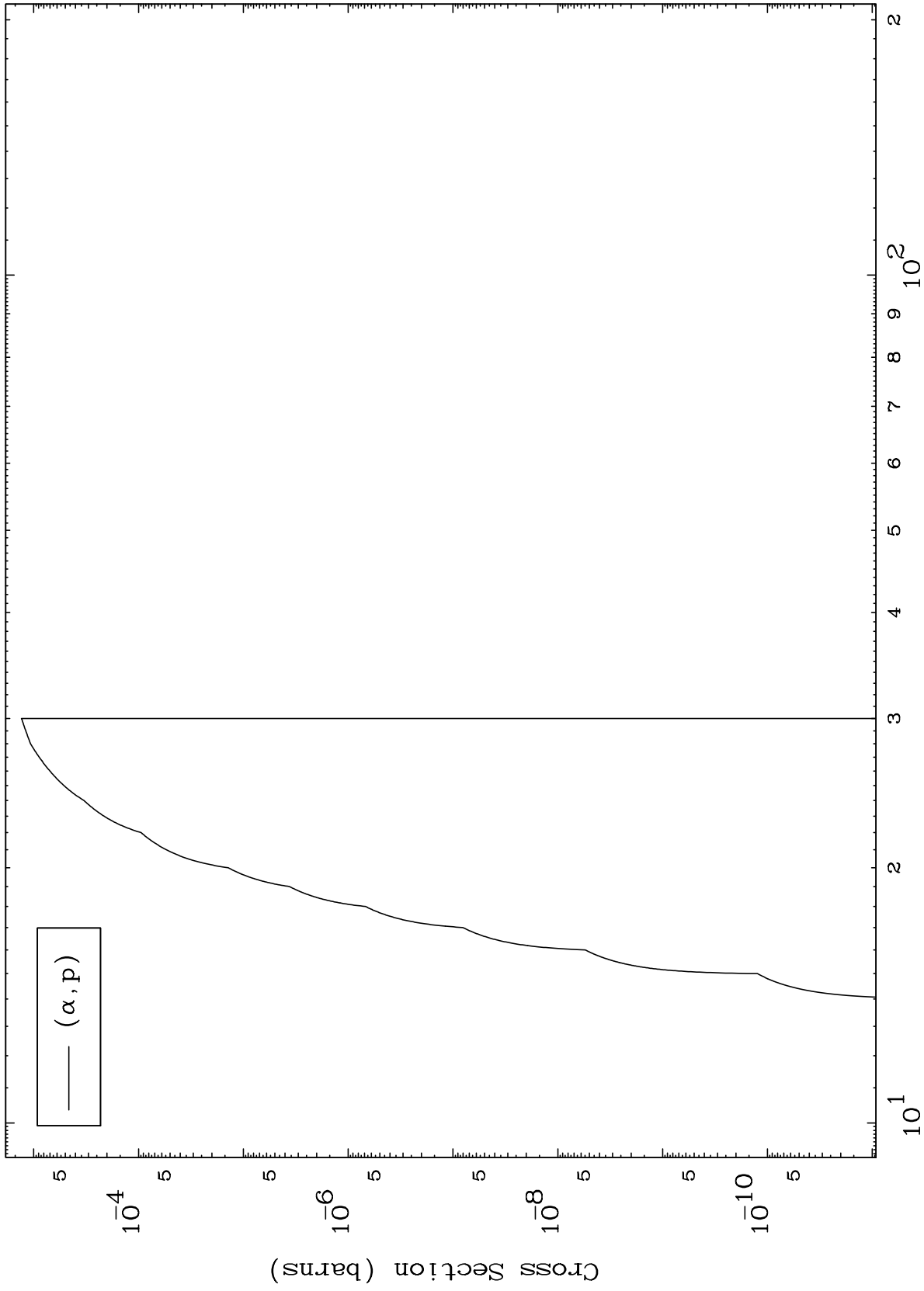
Incident Energy (MeV)

70-Yb-176

MAT 7049

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-176



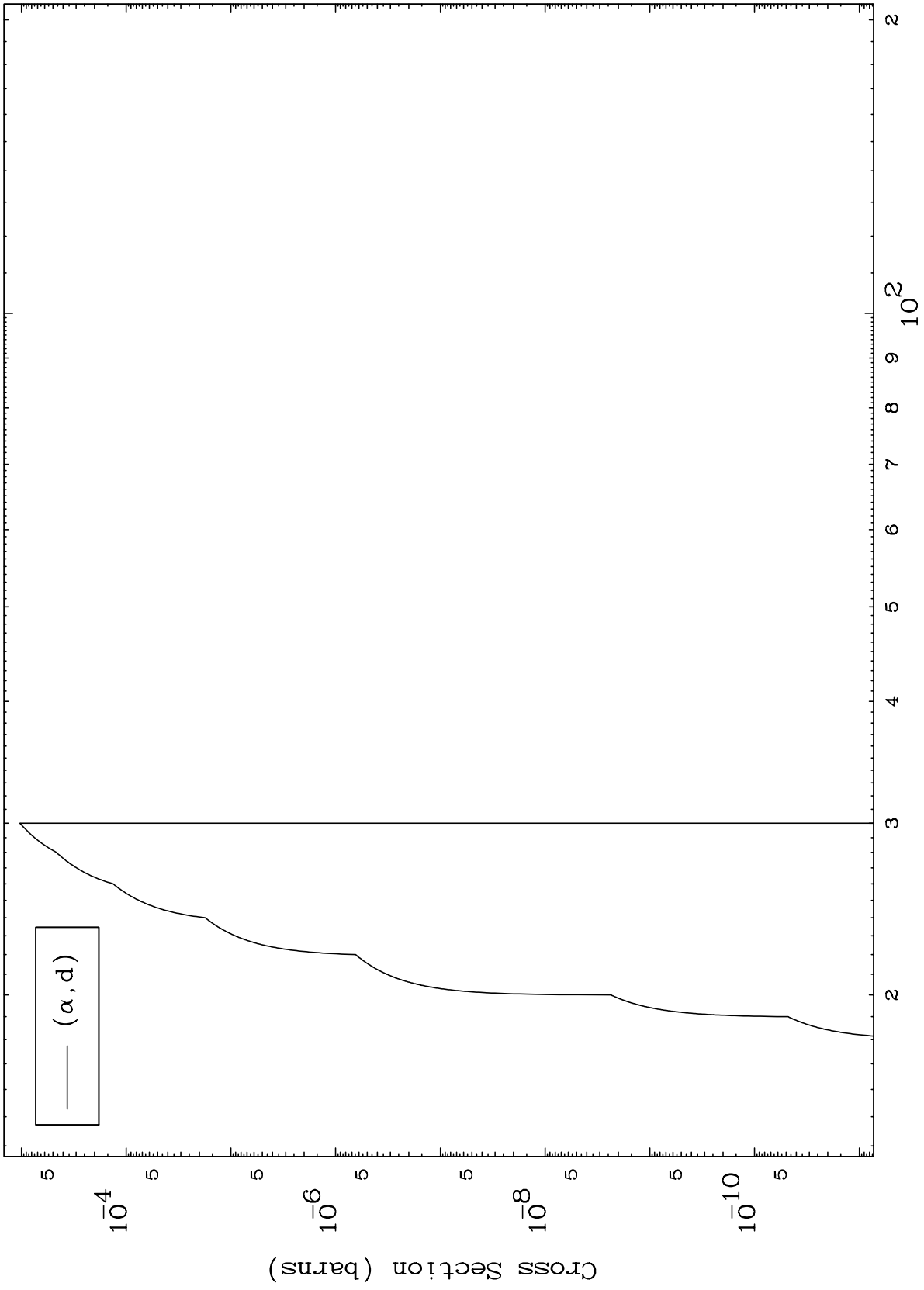
Incident Energy (MeV)

70-Yb-176

MAT 7049

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-176



7

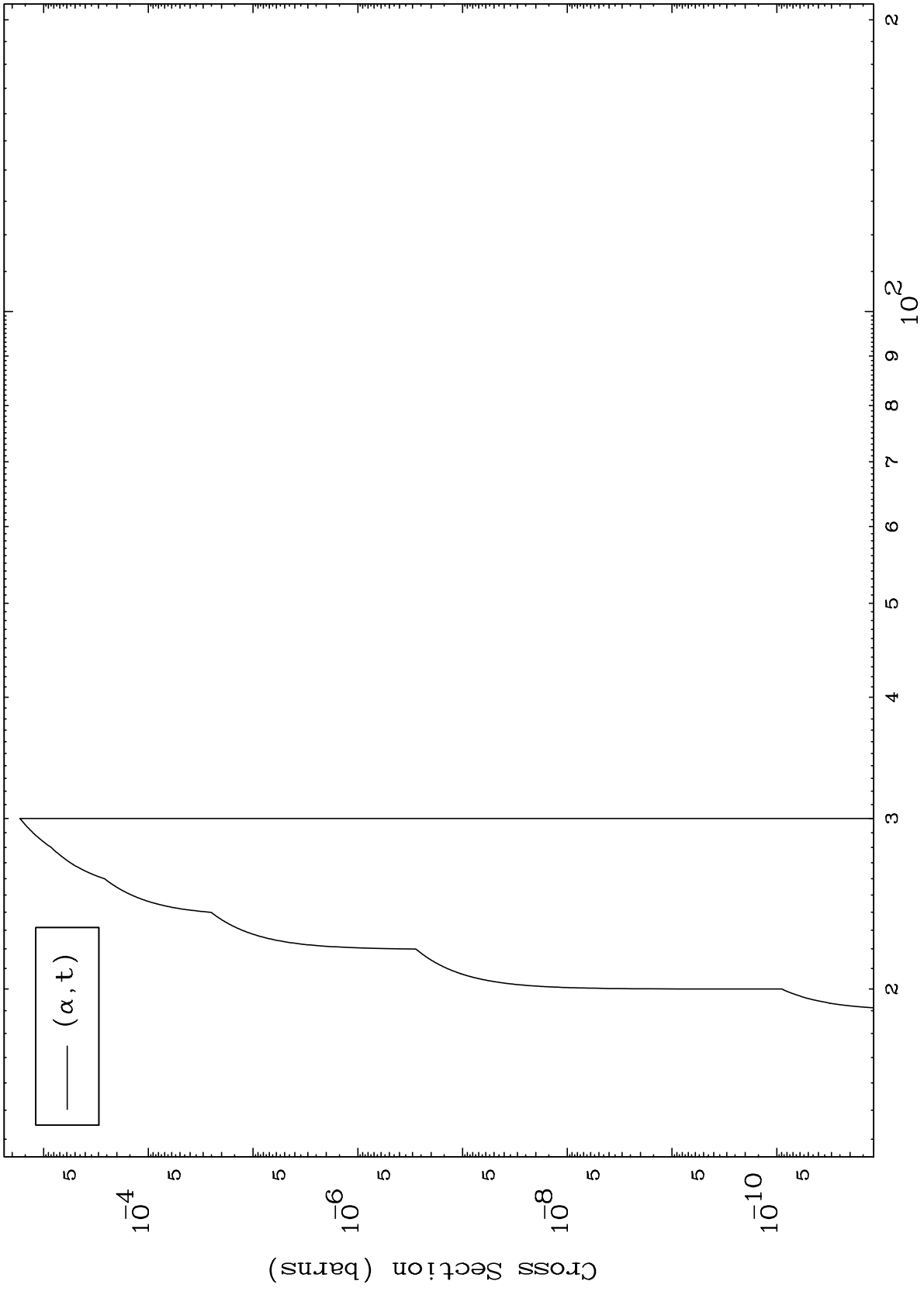
Incident Energy (MeV)

70-Yb-176

MAT 7049

(α, t) Levels
0 Kelvin Cross Sections

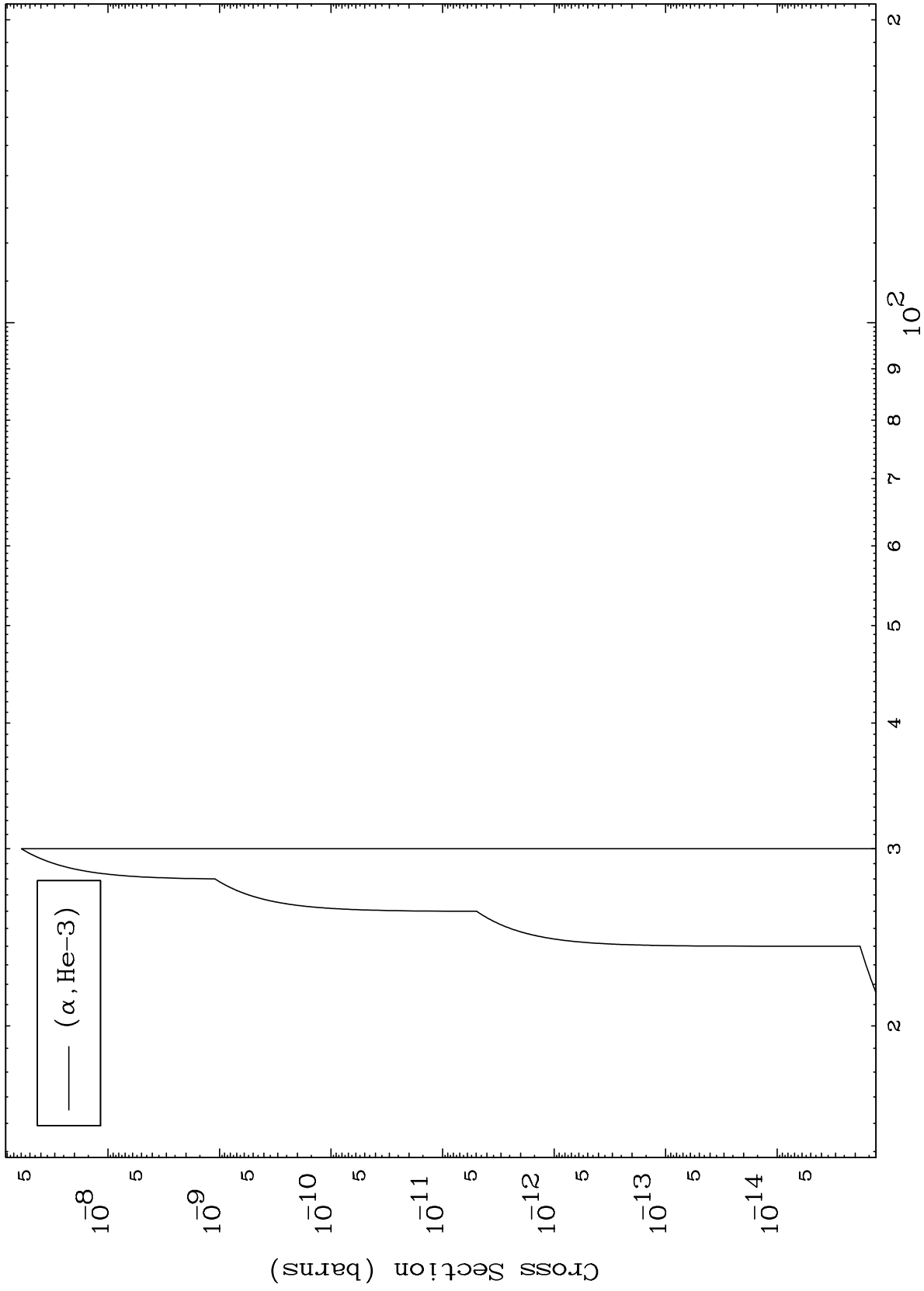
70-Yb-176



8

Incident Energy (MeV)

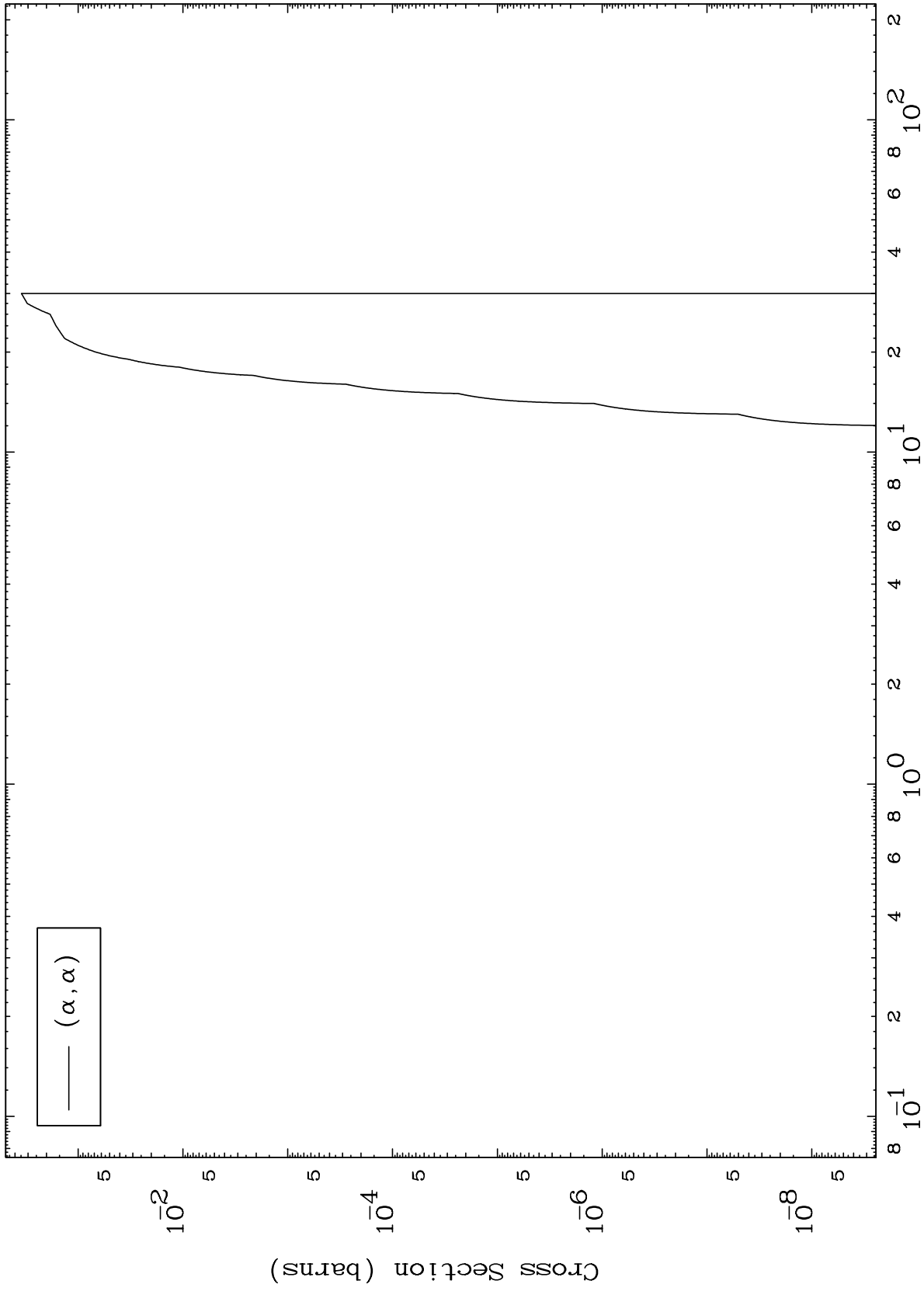
70-Yb-176



MAT 7049

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-176



10

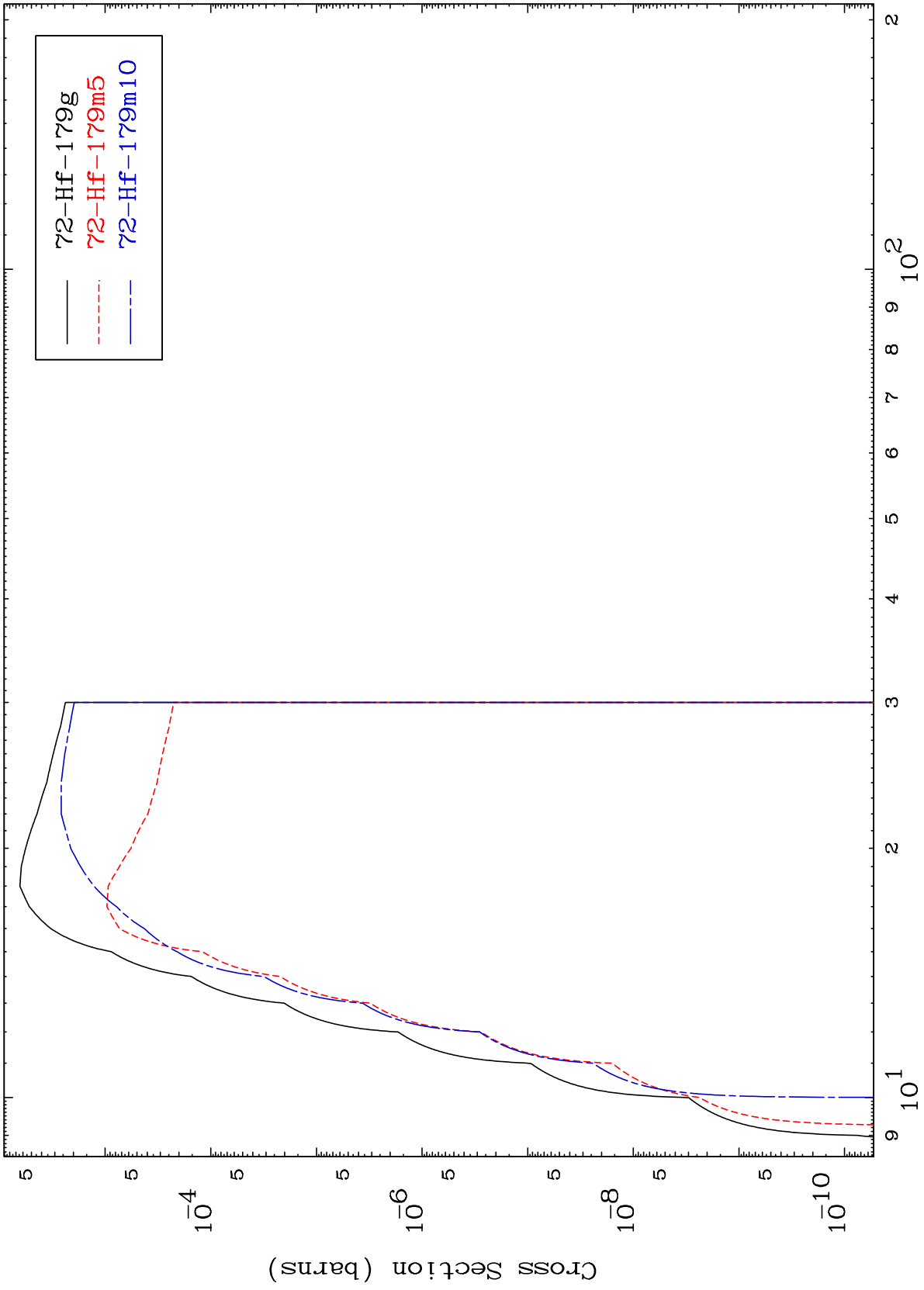
Incident Energy (MeV)

70-Yb-176

MAT 7049

Radionuclide Production Cross Section
 α Inelastic

70-Yb-176



11

Incident Energy (MeV)

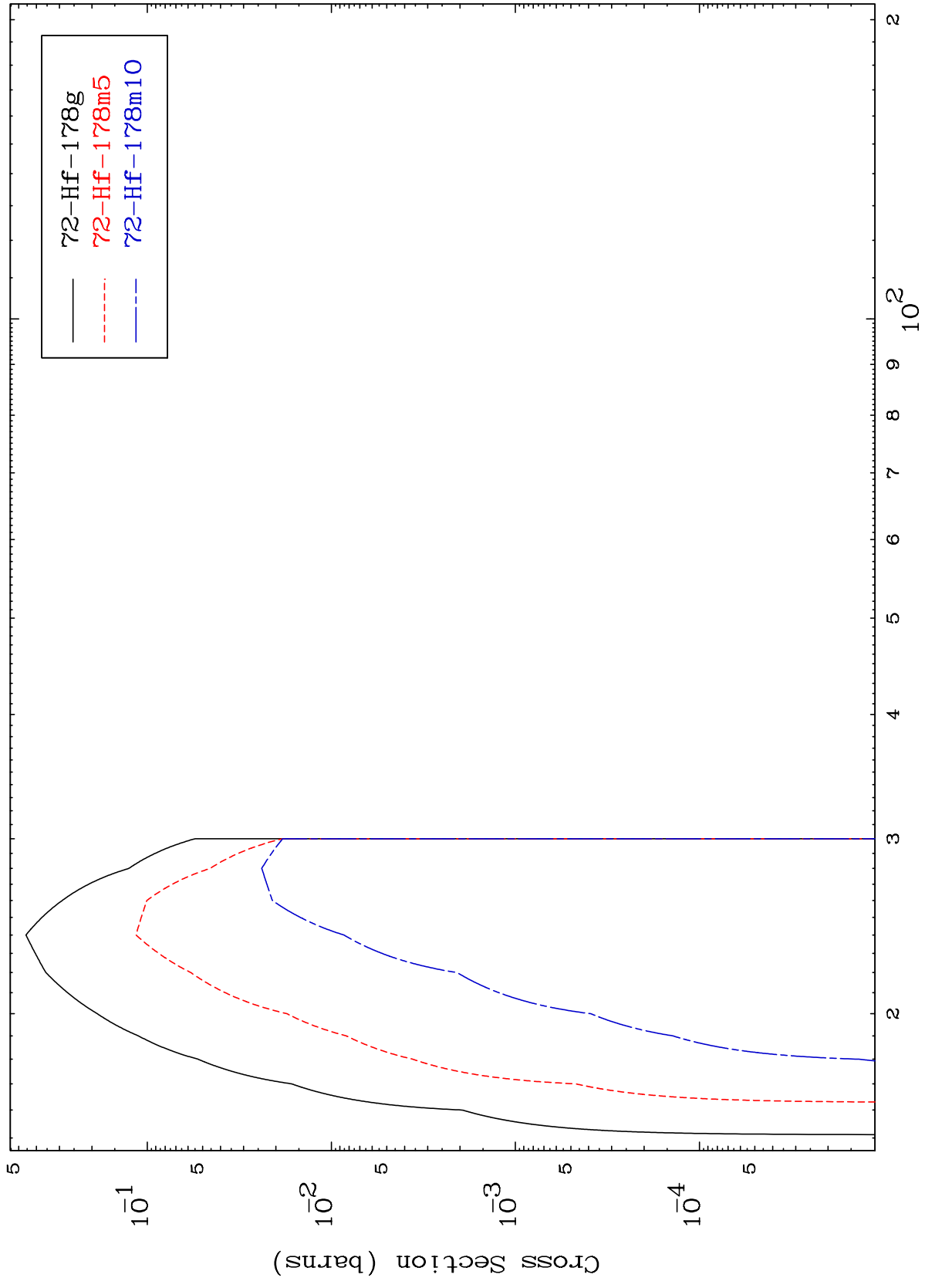
70-Yb-176

MAT 7049

($\alpha, 2n$)

70-Yb-176

Radionuclide Production Cross Section



12

Incident Energy (MeV)

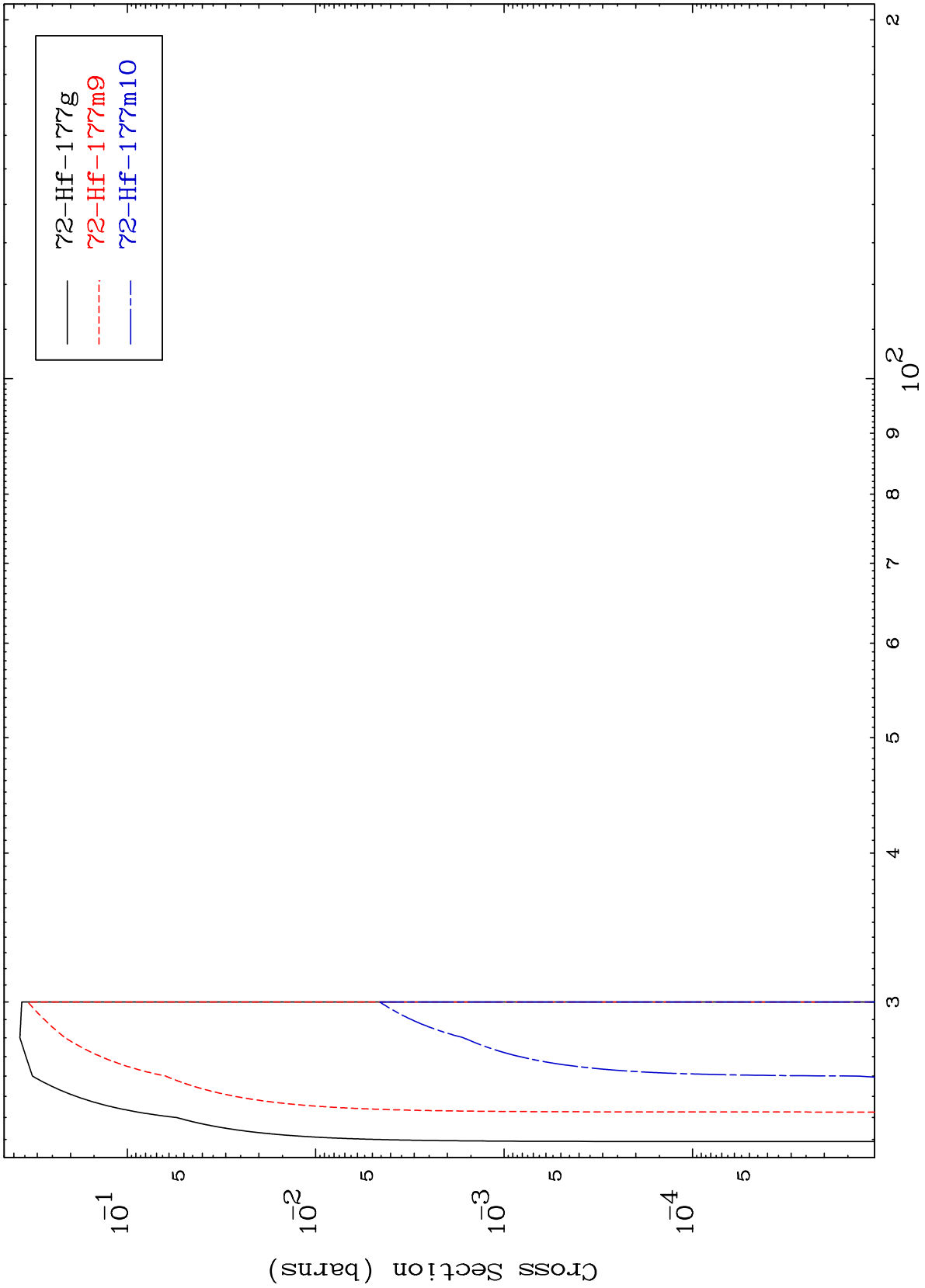
70-Yb-176

MAT 7049

($\alpha, 3n$)

70-Yb-176

Radionuclide Production Cross Section



13

Incident Energy (MeV)

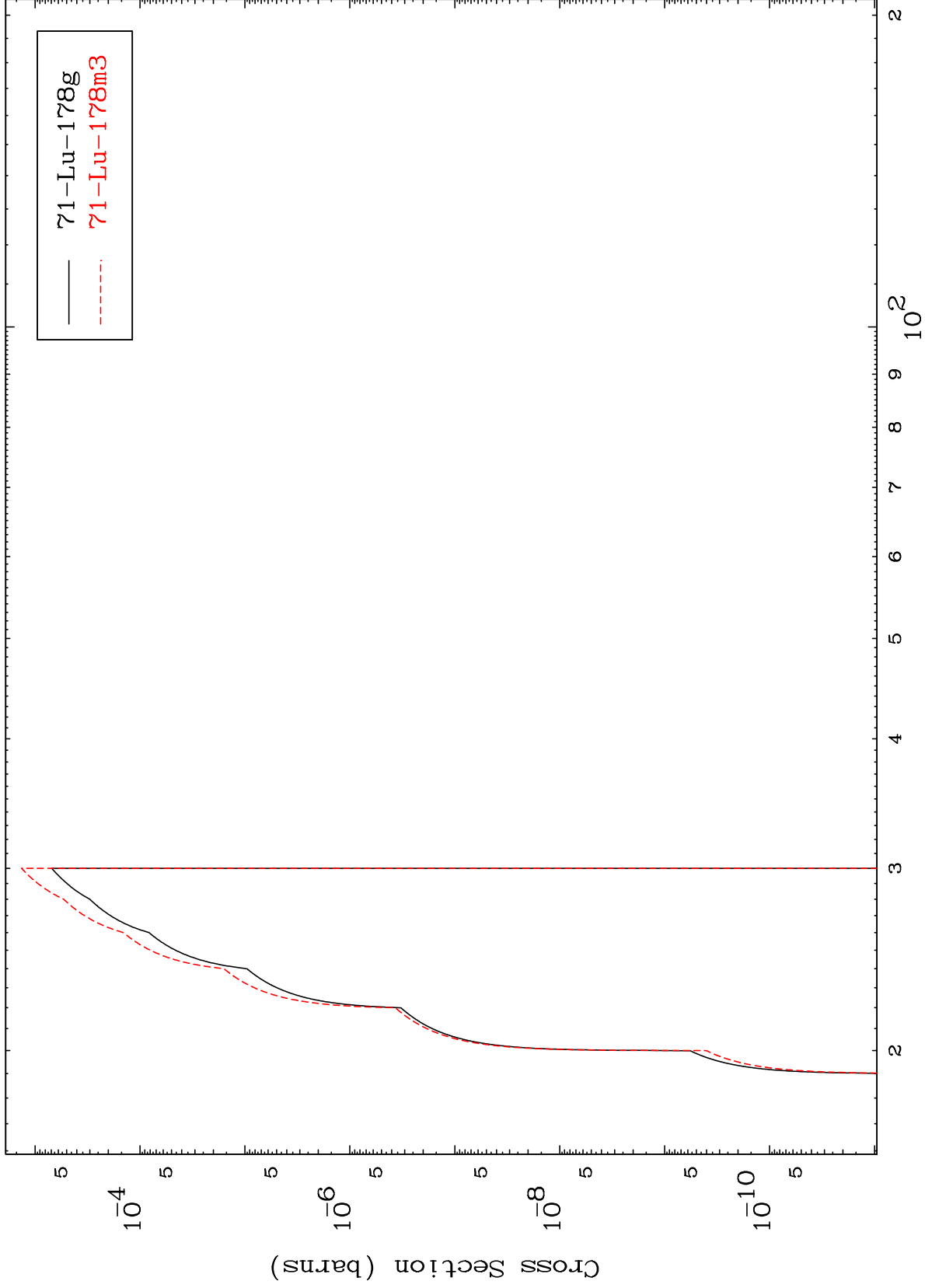
70-Yb-176

MAT 7049

(α, n') p

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

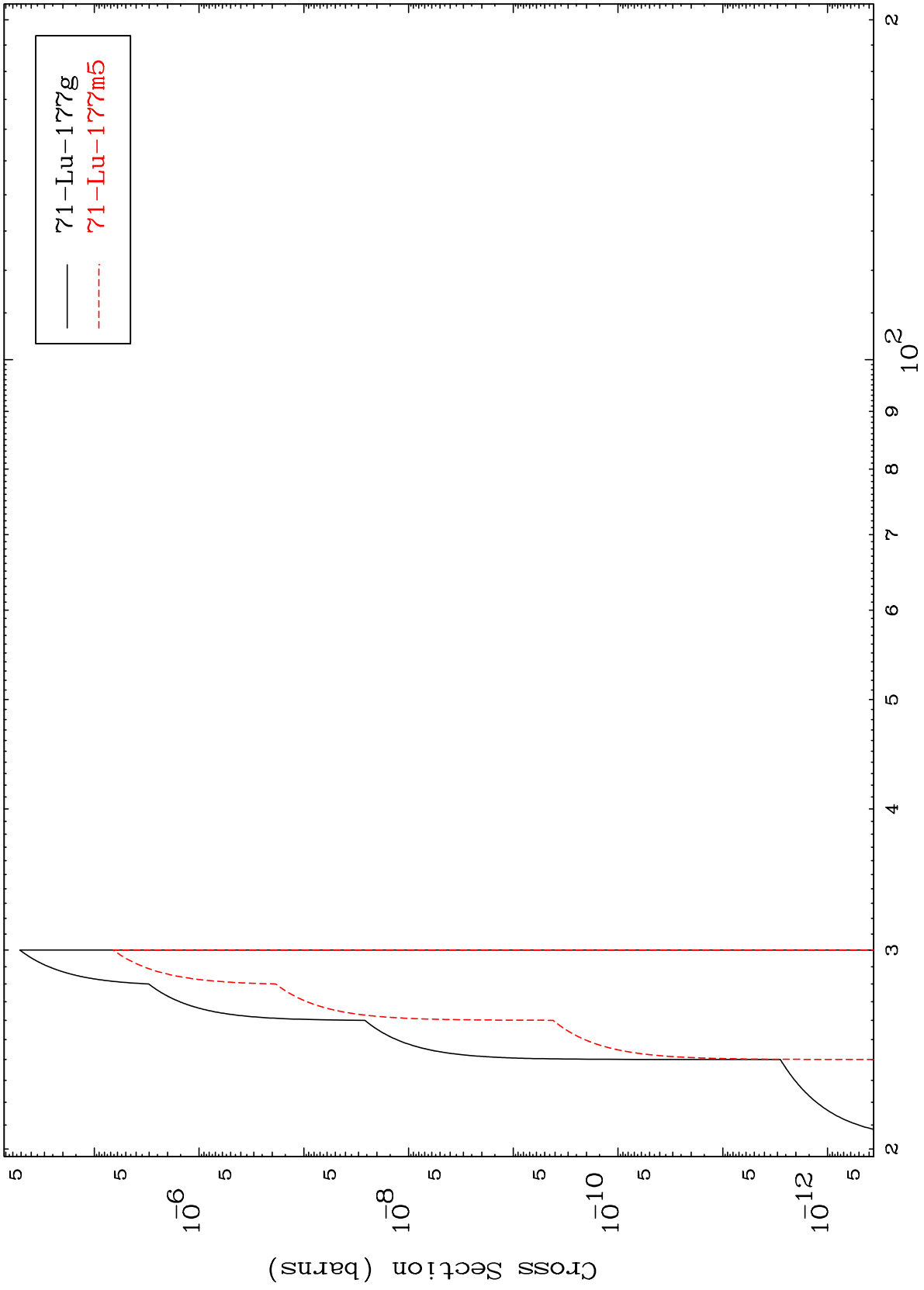
$^{70}\text{Yb}-176$

MAT 7049

(α, n') d

70-Yb-176

Radionuclide Production Cross Section



15

Incident Energy (MeV)

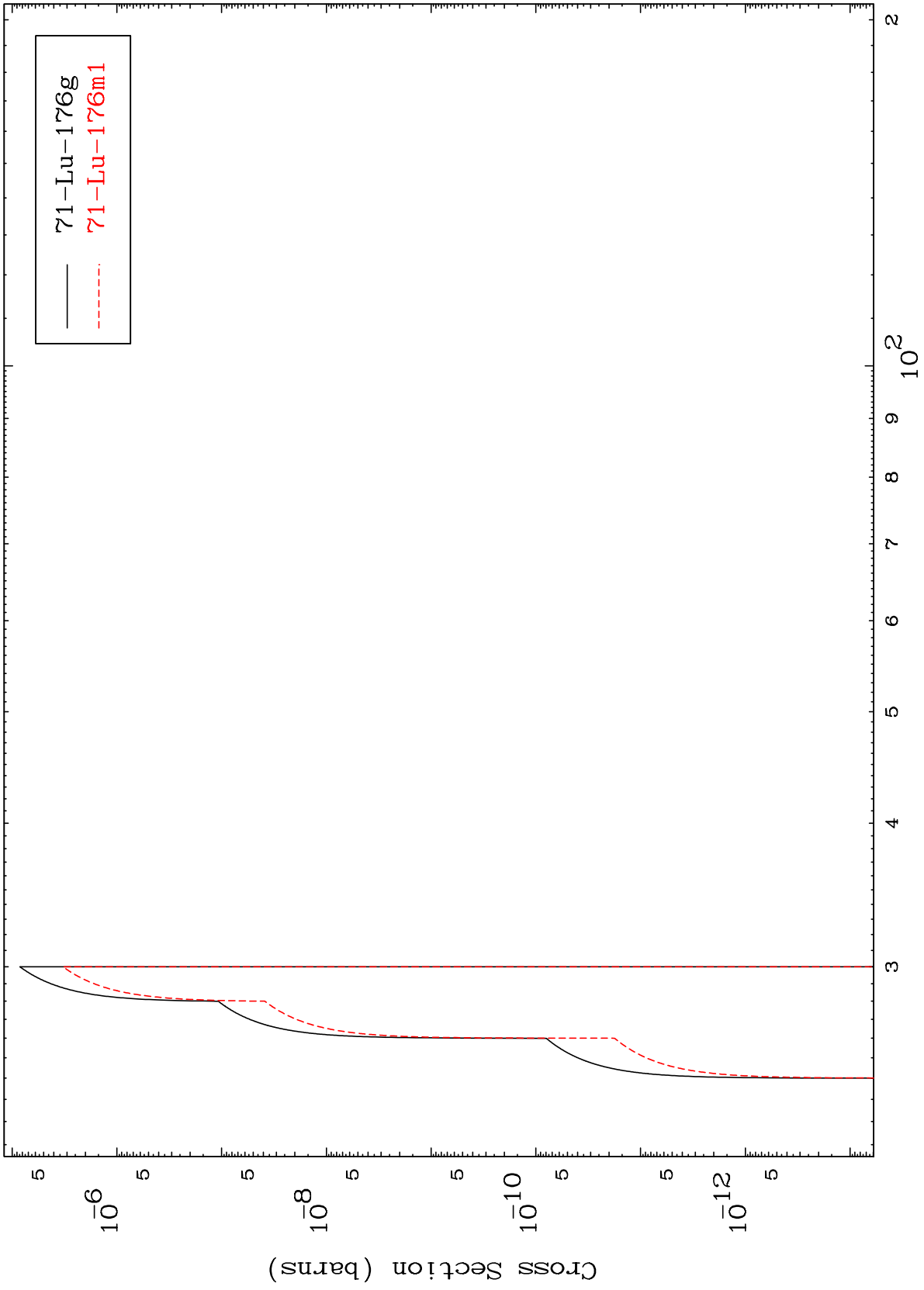
70-Yb-176

MAT 7049

(α, n') t

⁷⁰Yb-176

Radionuclide Production Cross Section



16

Incident Energy (MeV)

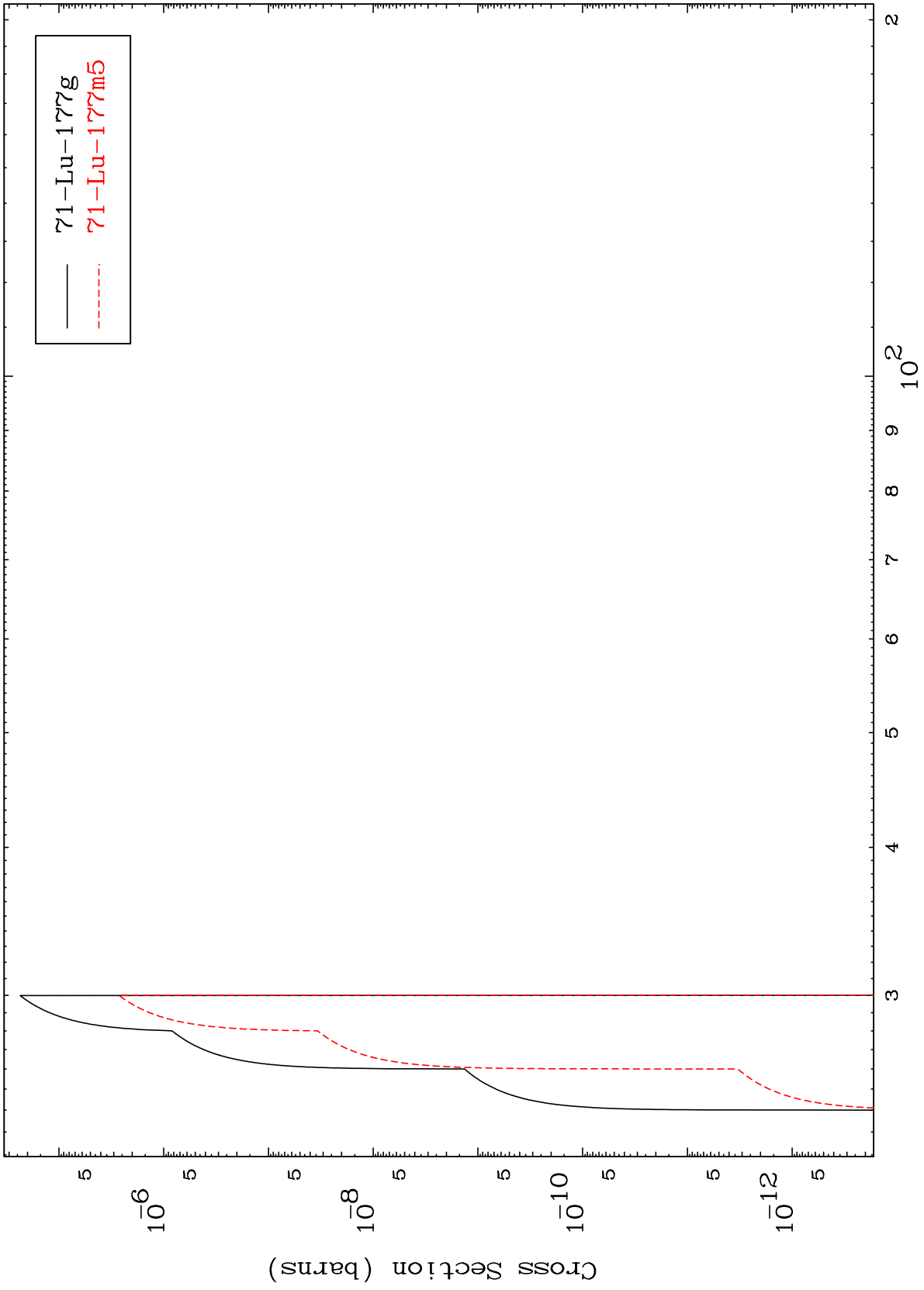
⁷⁰Yb-176

MAT 7049

$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



17

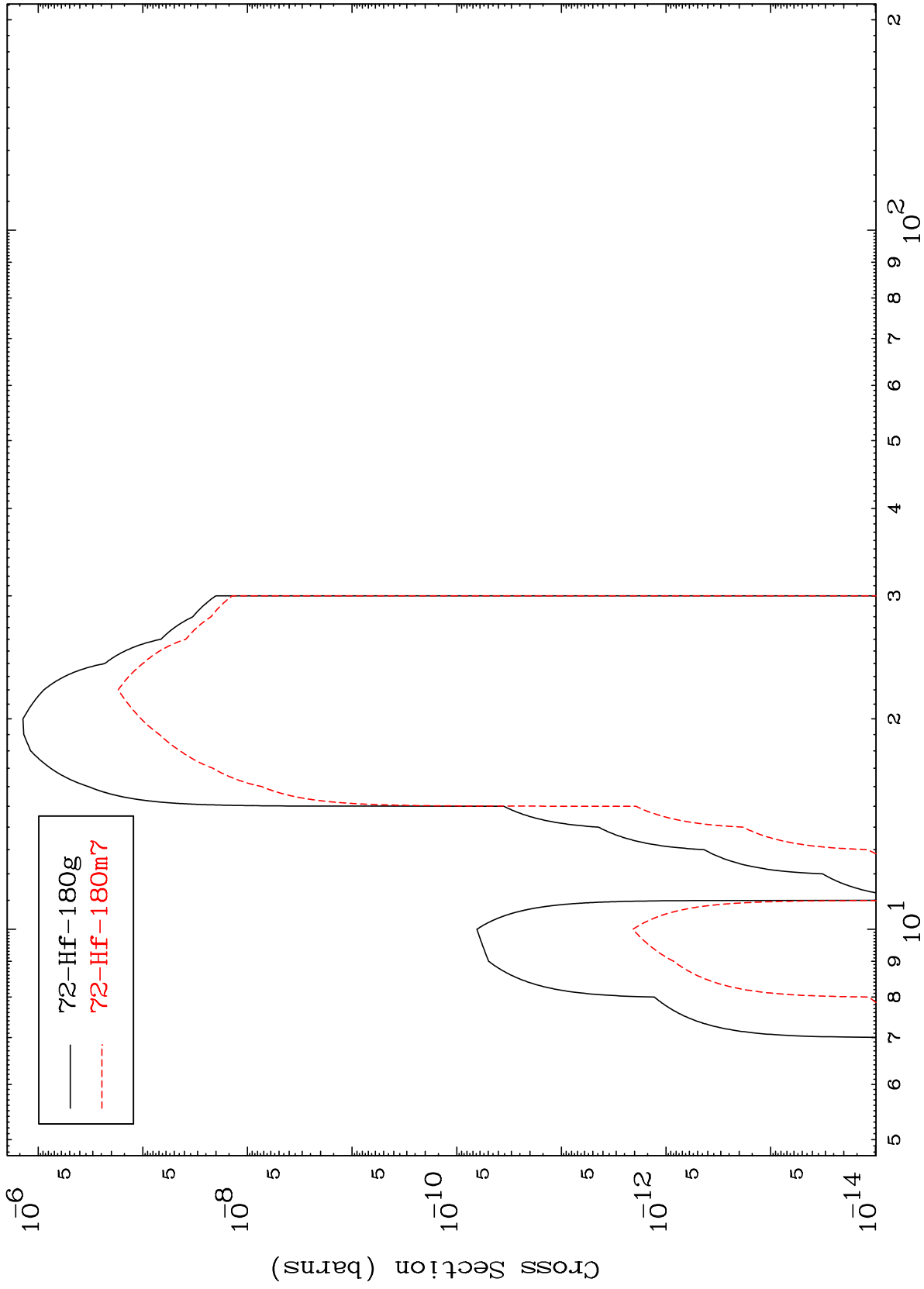
Incident Energy (MeV)

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

MAT 7049

70-Yb-176

Radionuclide Production Cross Section
(α, γ)



18

Incident Energy (MeV)

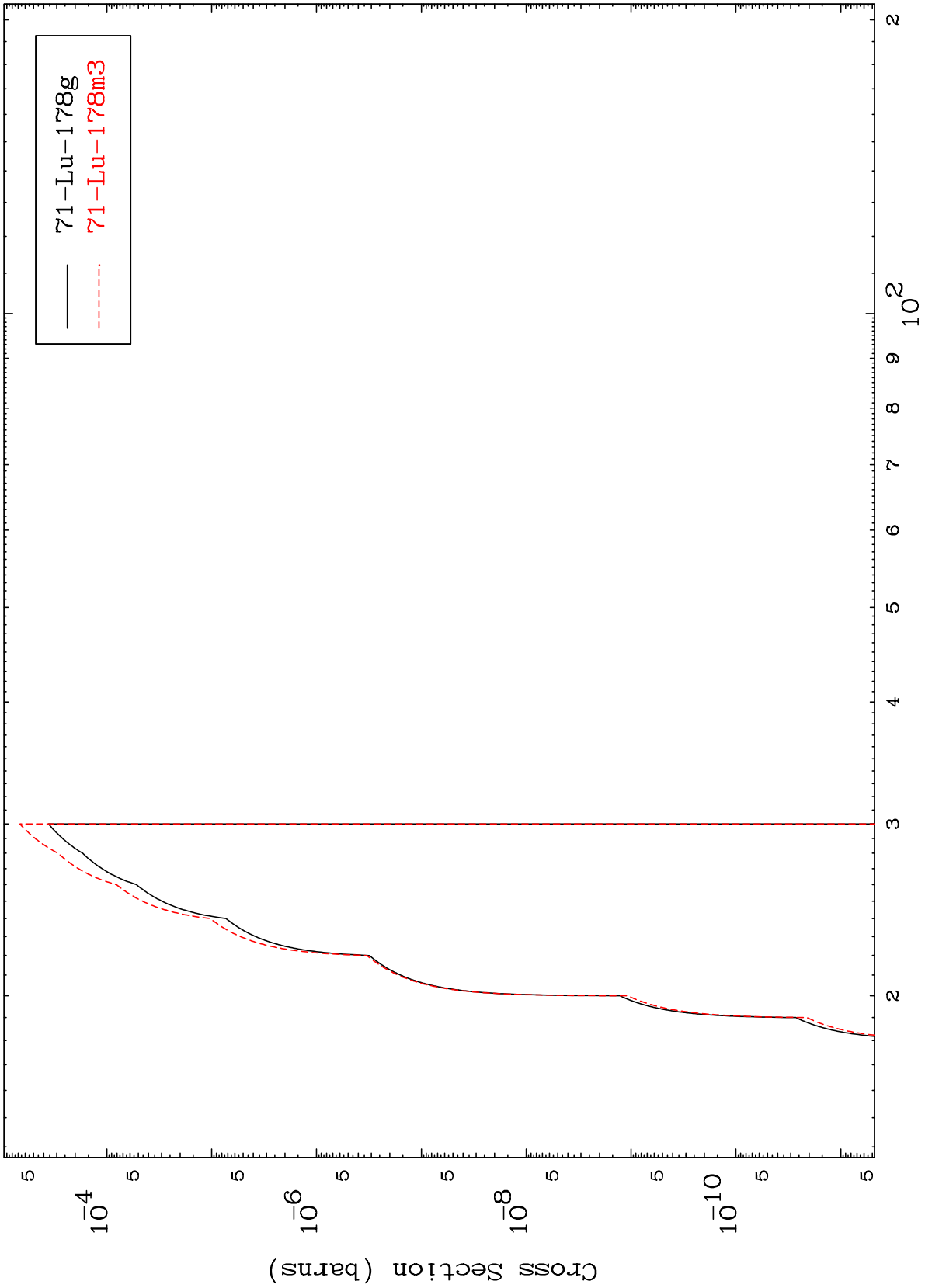
70-Yb-176

MAT 7049

(α, d)

⁷⁰Yb-176

Radionuclide Production Cross Section



19

Incident Energy (MeV)

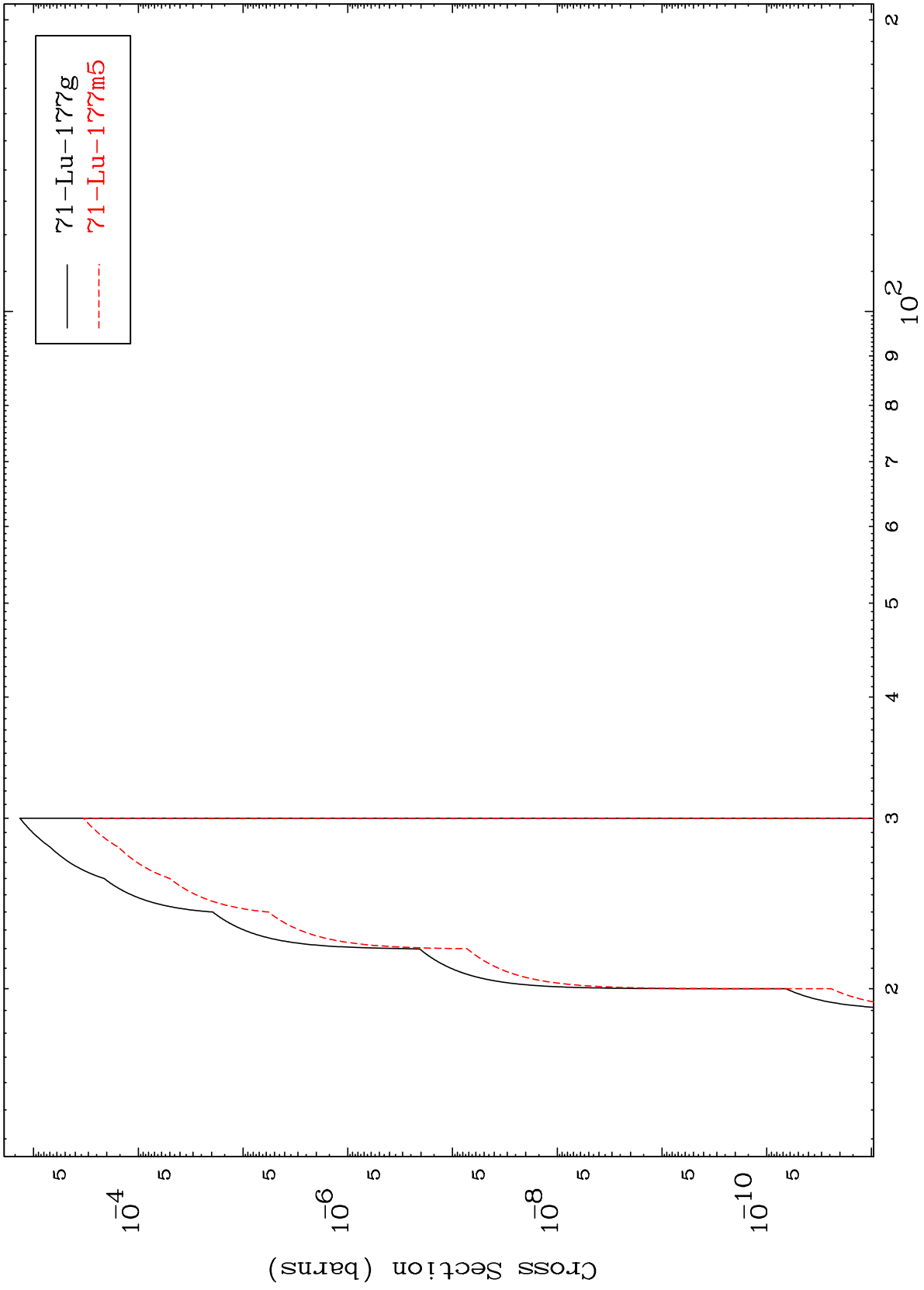
⁷⁰Yb-176

MAT 7049

(α, t)

⁷⁰Yb-176

Radionuclide Production Cross Section



20

Incident Energy (MeV)

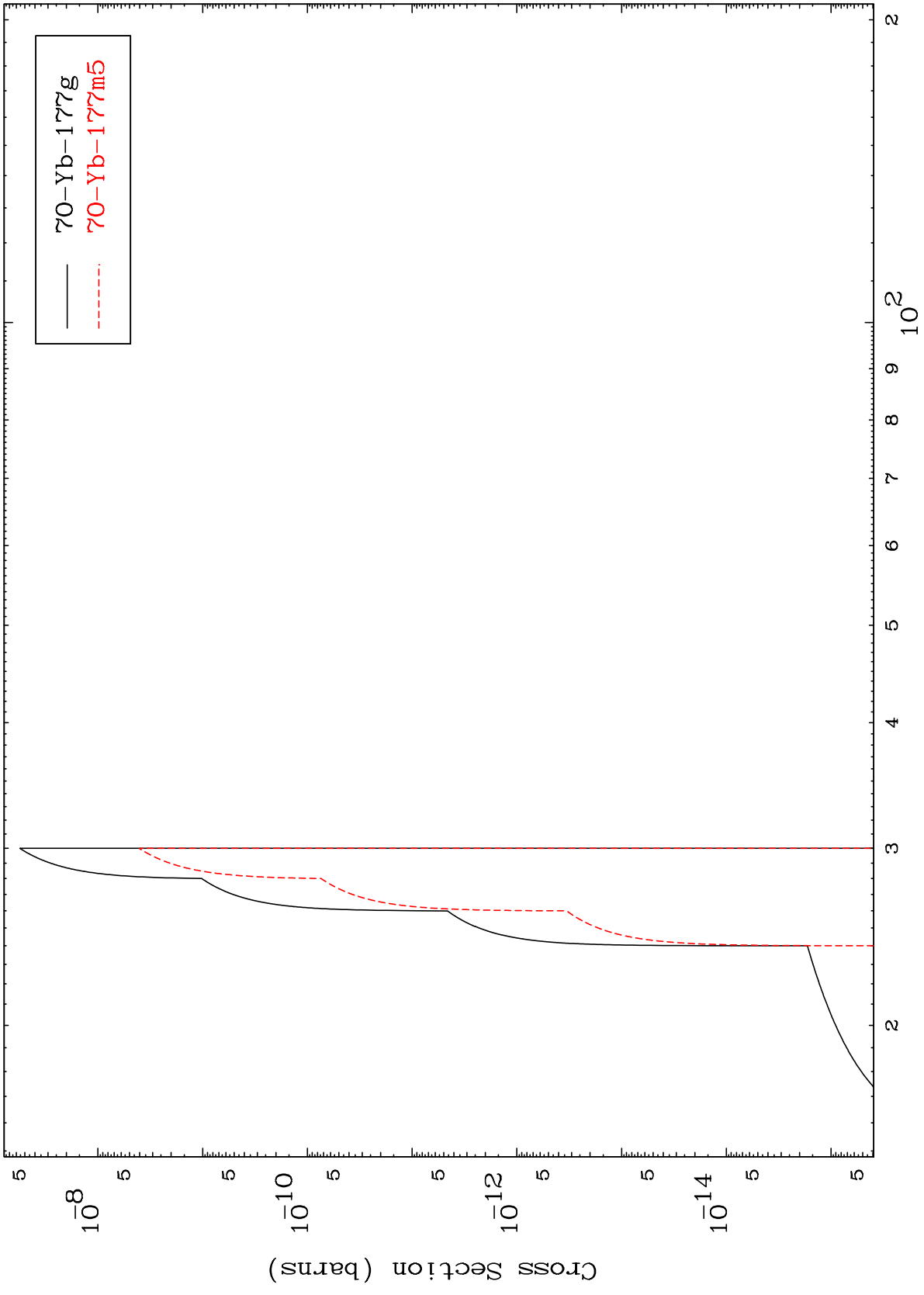
⁷⁰Yb-176

MAT 7049

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

70-Yb-176

Radionuclide Production Cross Section



21

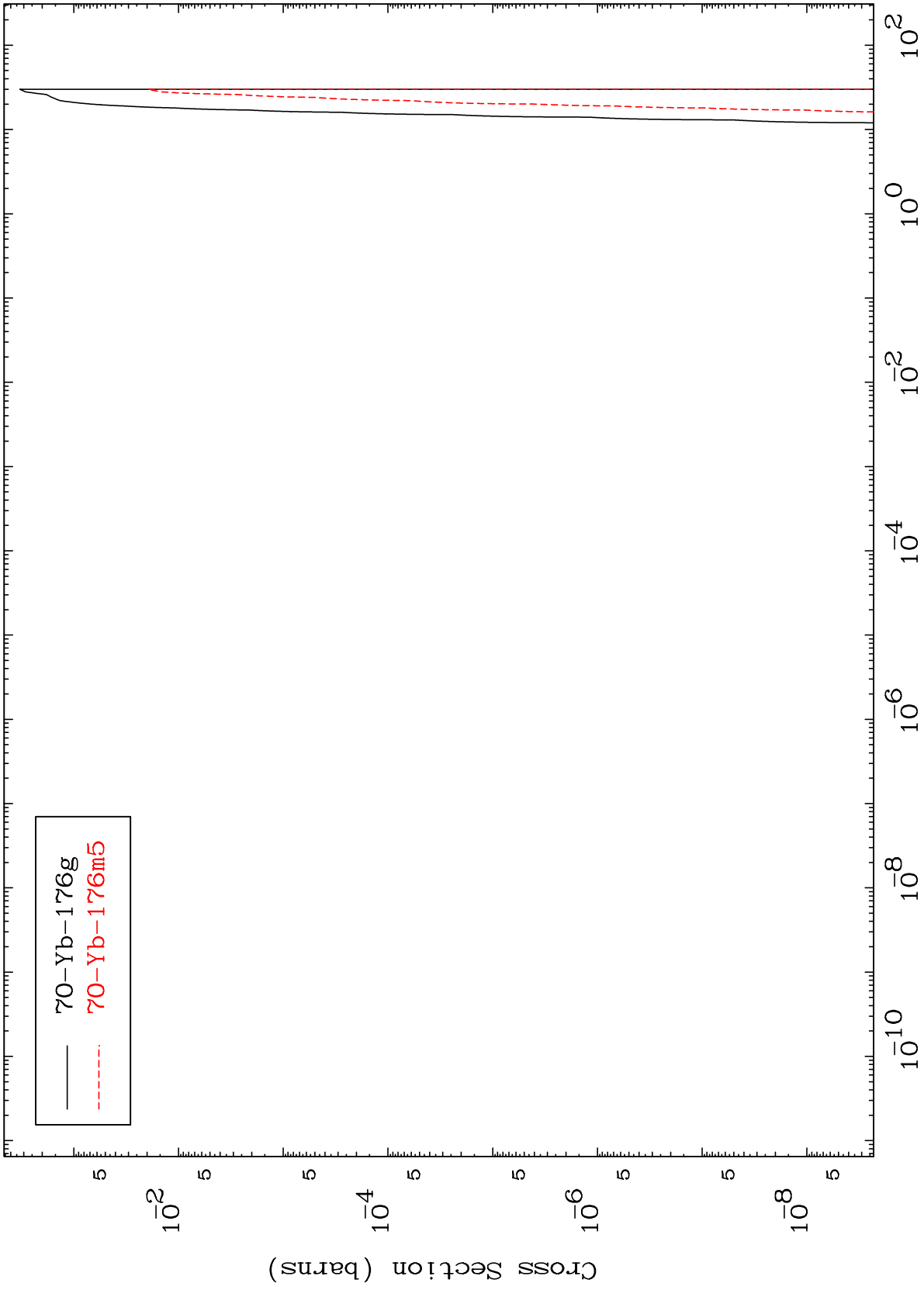
Incident Energy (MeV)

70-Yb-176

MAT 7049

(α, α)
Radionuclide Production Cross Section

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



22

Incident Energy (MeV)

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