

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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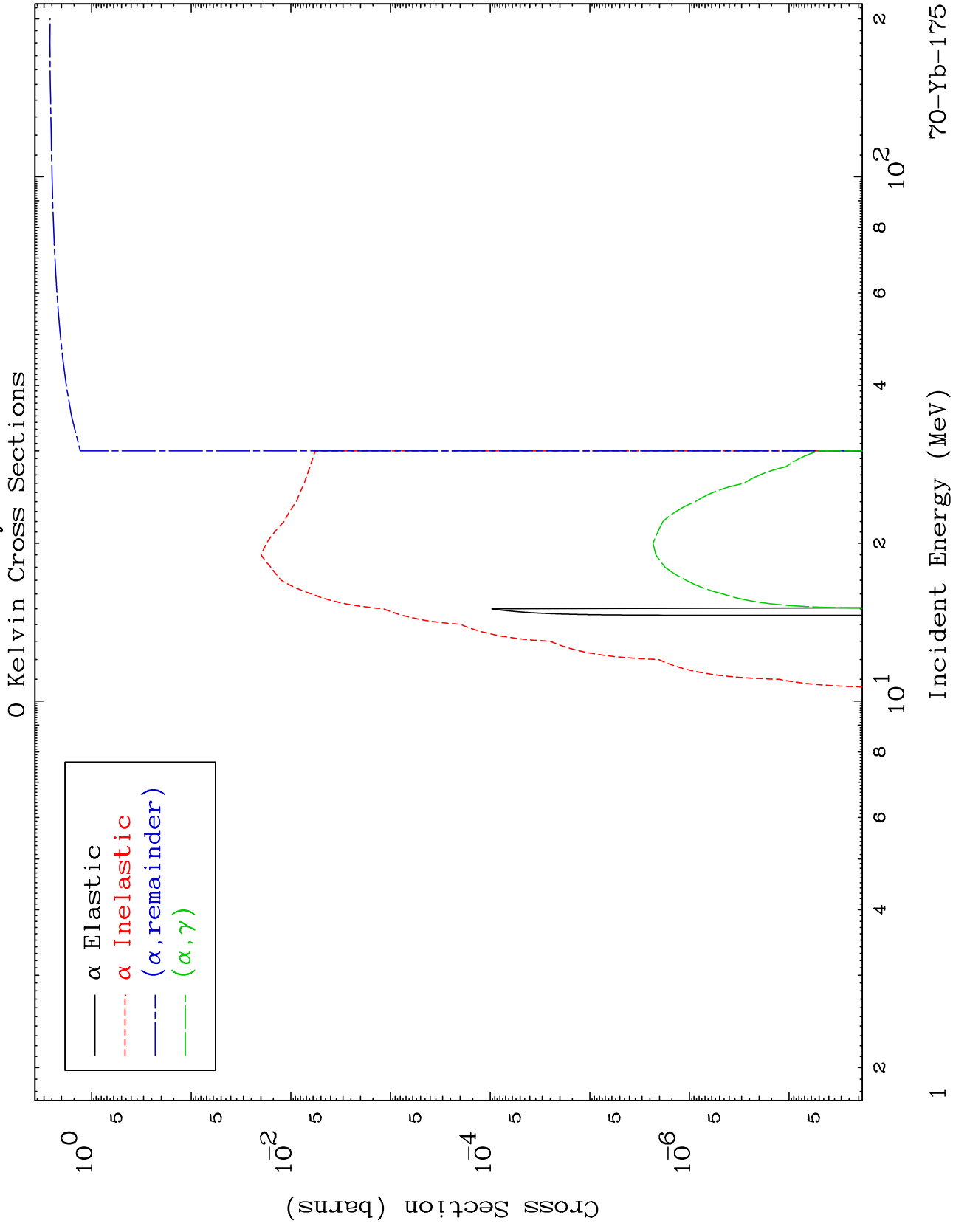
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7046

0 Kelvin α Major

70-Yb-175



1

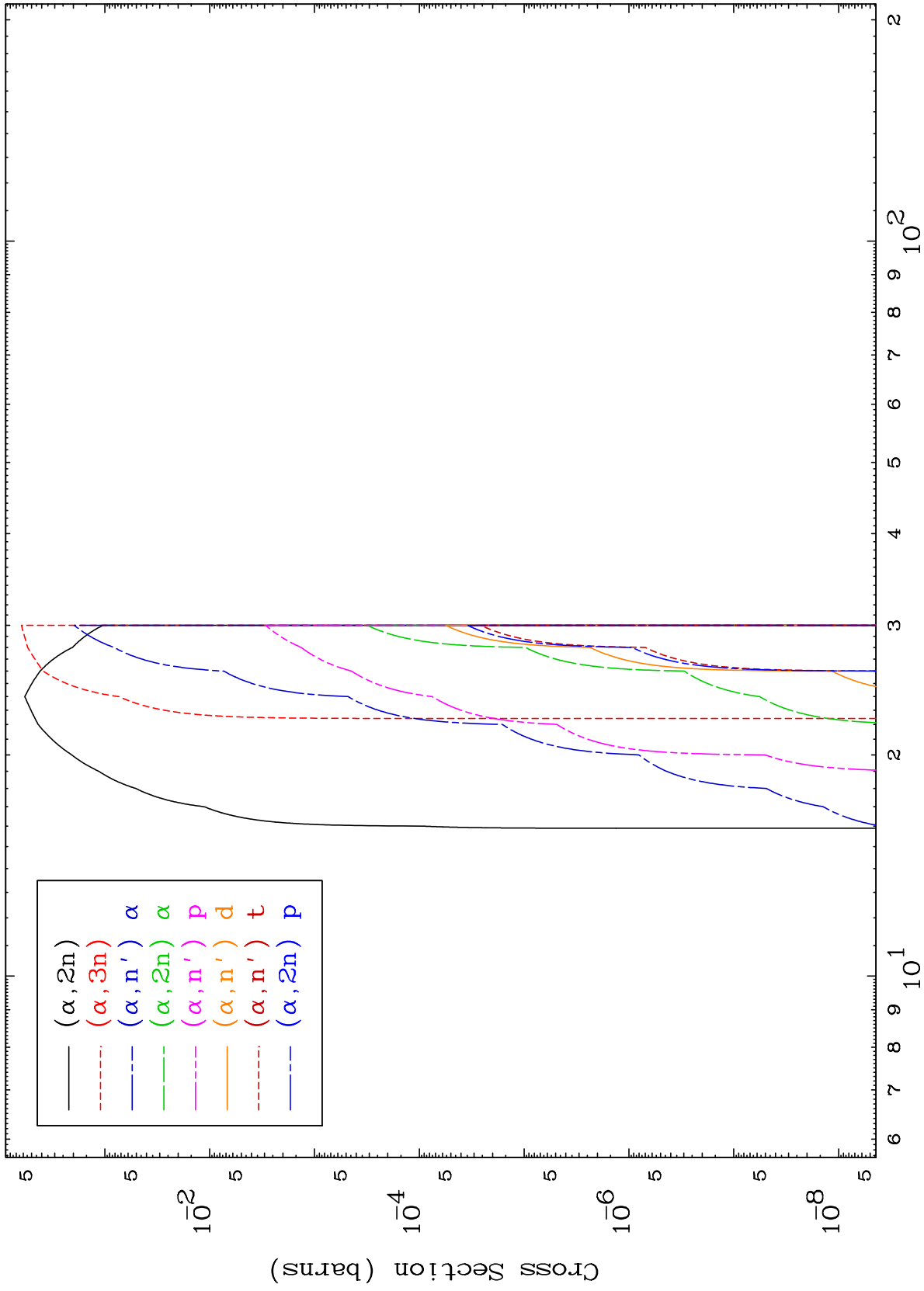
Incident Energy (MeV)

70-Yb-175

MAT 7046

α Neutron Production
0 Kelvin Cross Sections

70-Yb-175



2

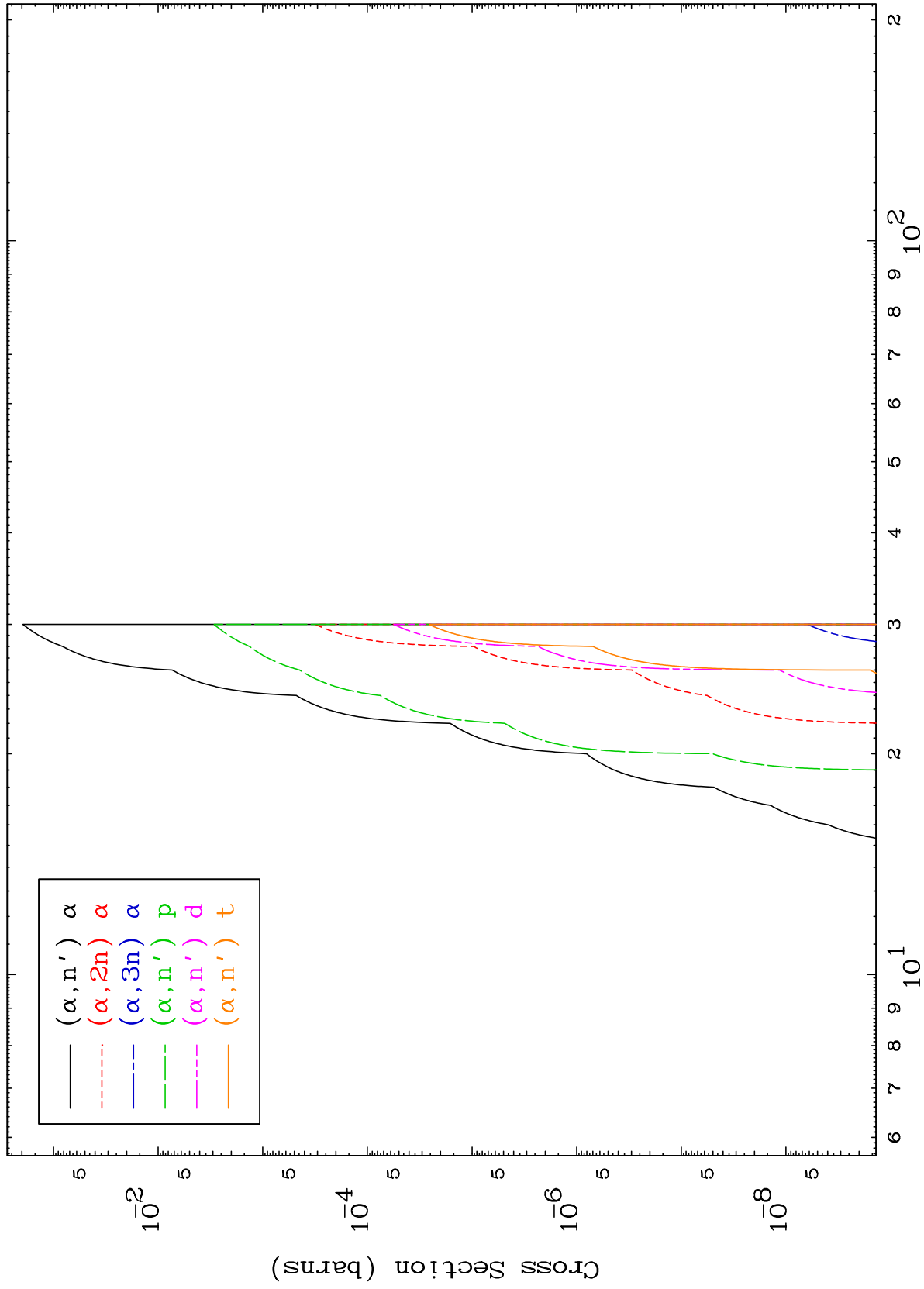
Incident Energy (MeV)

70-Yb-175

MAT 7046

α Charged Particle
0 Kelvin Cross Sections

70-Yb-175



3

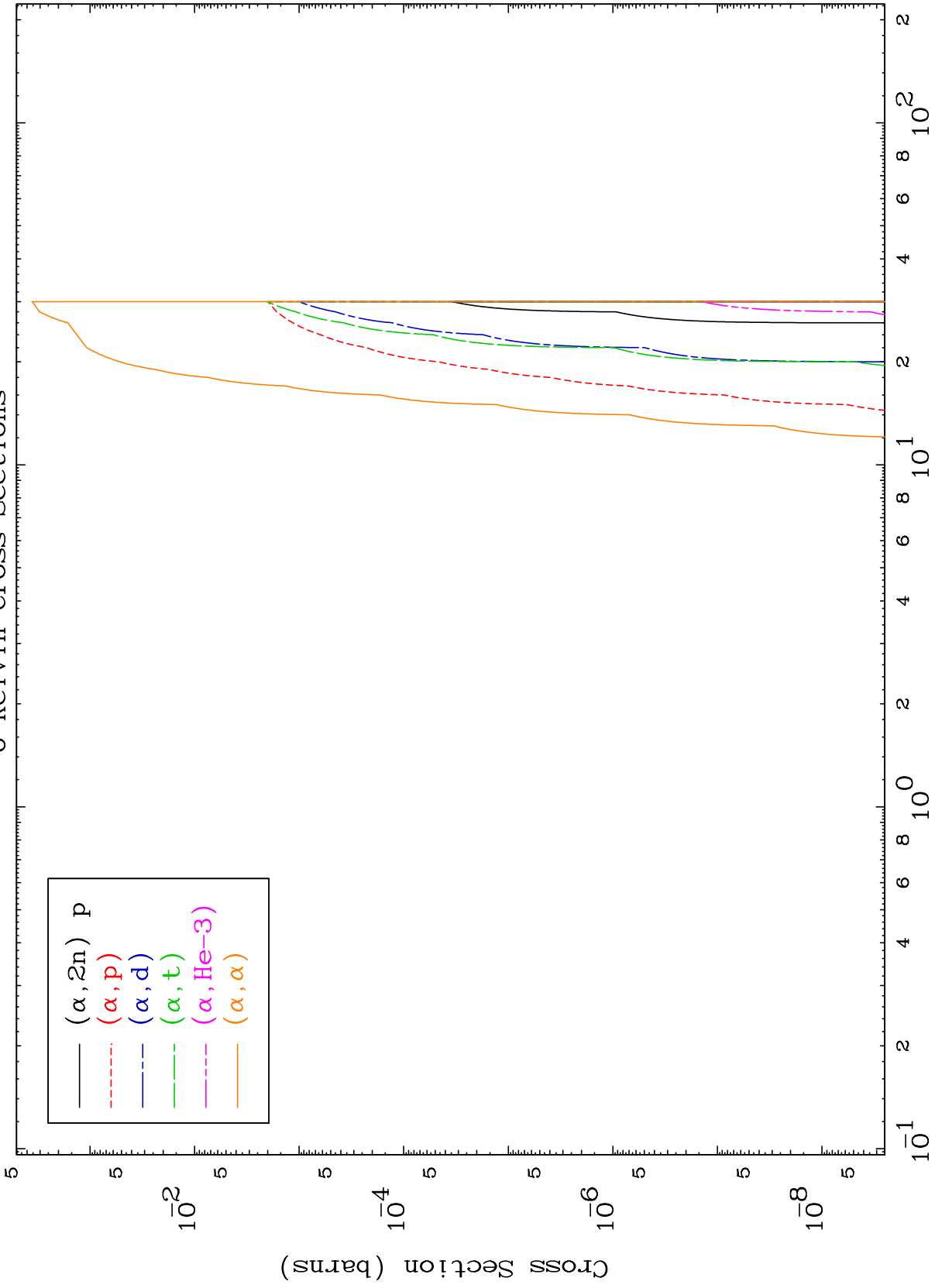
Incident Energy (MeV)

70-Yb-175

MAT 7046

α Charged Particle
0 Kelvin Cross Sections

70-Yb-175



4

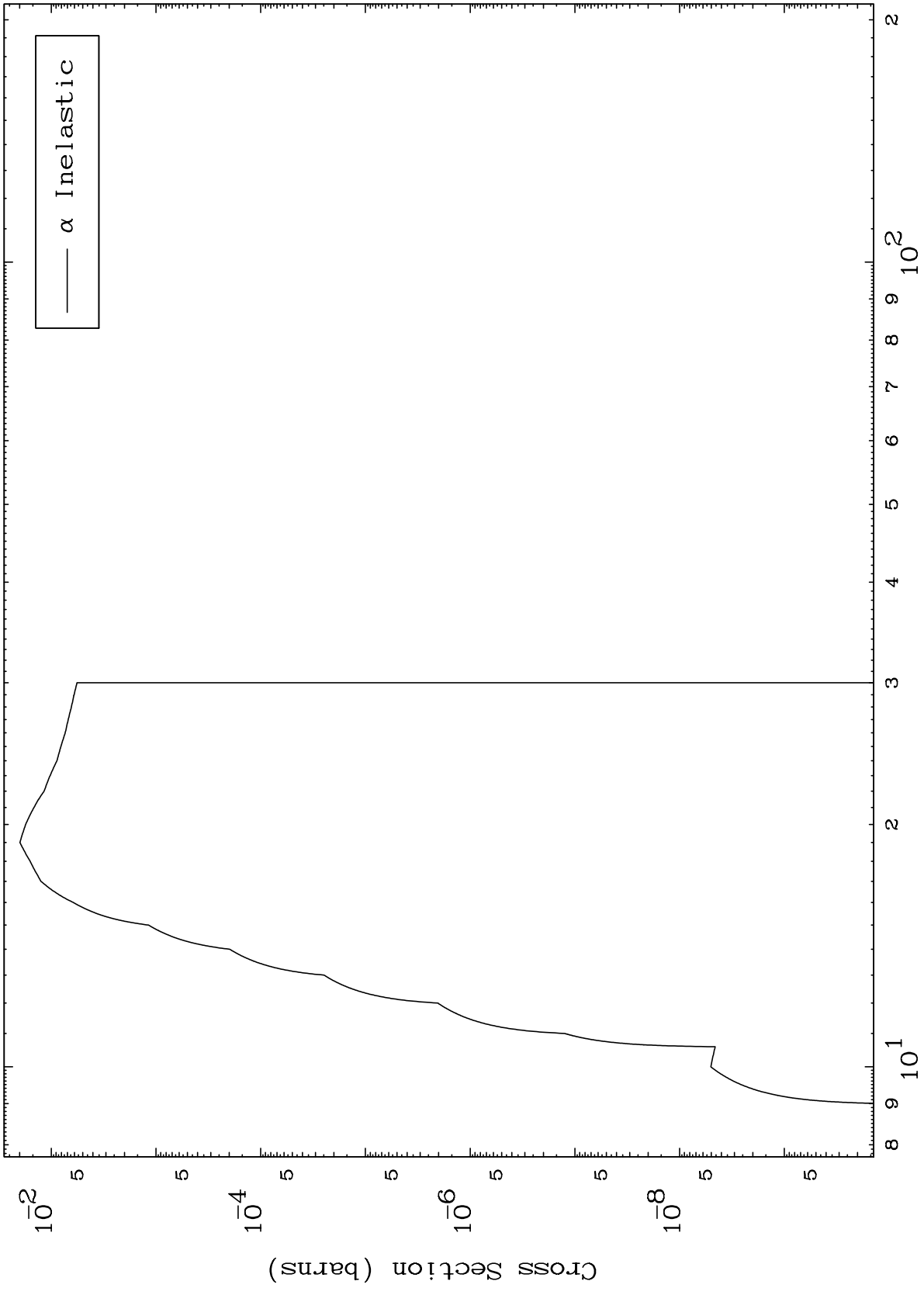
Incident Energy (MeV)

70-Yb-175

MAT 7046

(α, n') Level
0 Kelvin Cross Sections

70-Yb-175



5

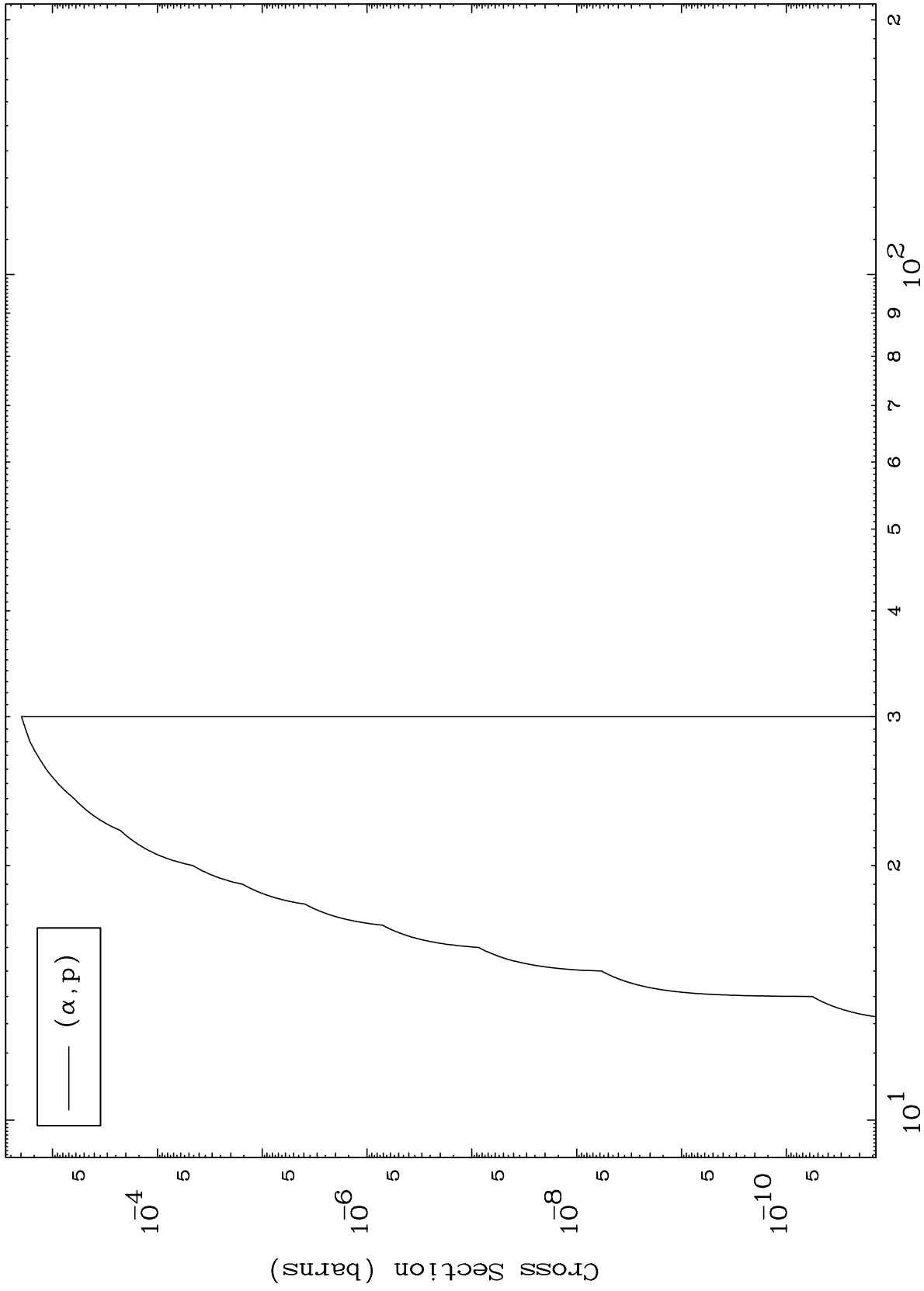
Incident Energy (MeV)

70-Yb-175

MAT 7046

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-175



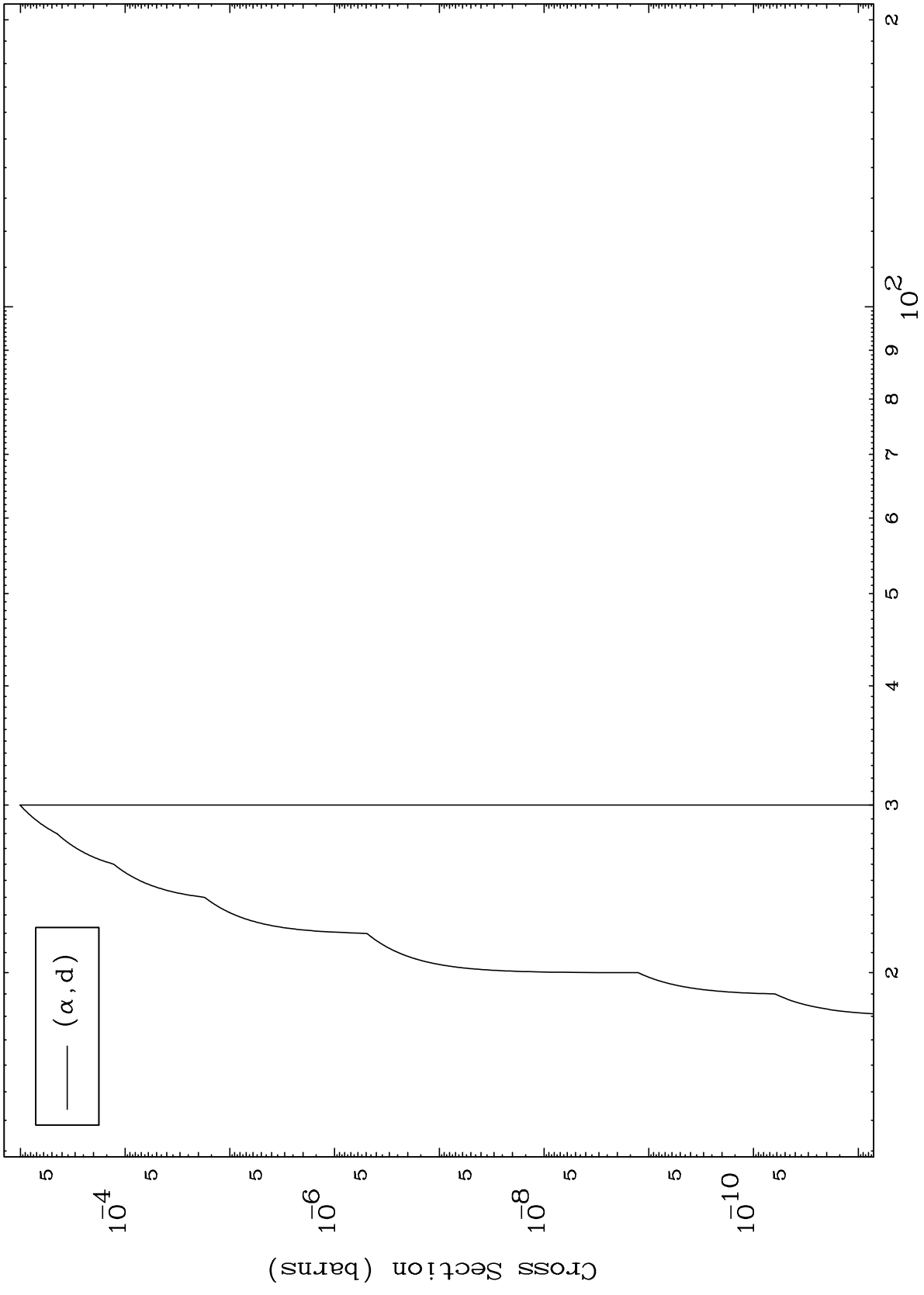
Incident Energy (MeV)

70-Yb-175

MAT 7046

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-175



7

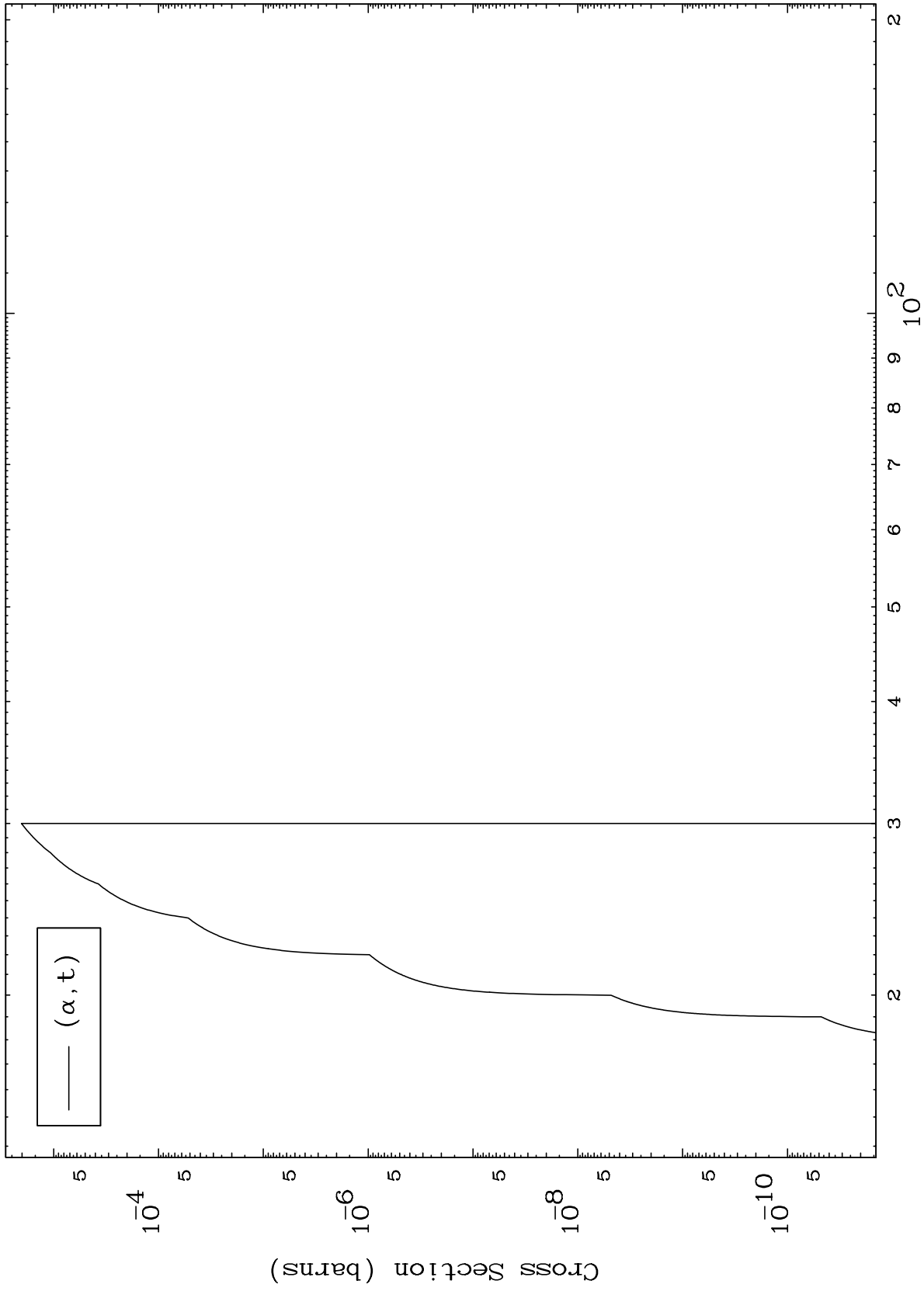
Incident Energy (MeV)

70-Yb-175

MAT 7046

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-175



8

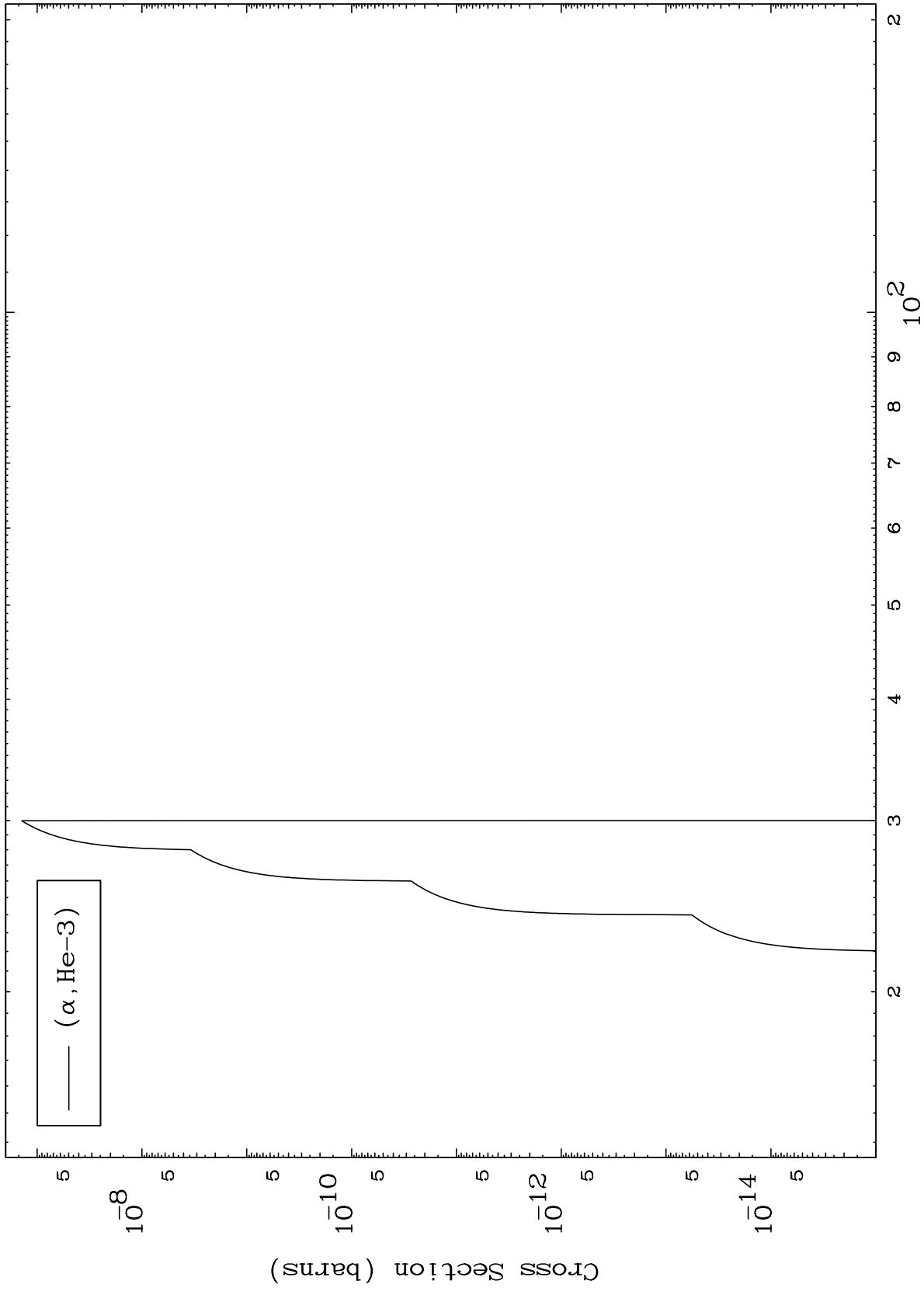
Incident Energy (MeV)

70-Yb-175

MAT 7046

(α ,He3) Levels
0 Kelvin Cross Sections

70-Yb-175



9

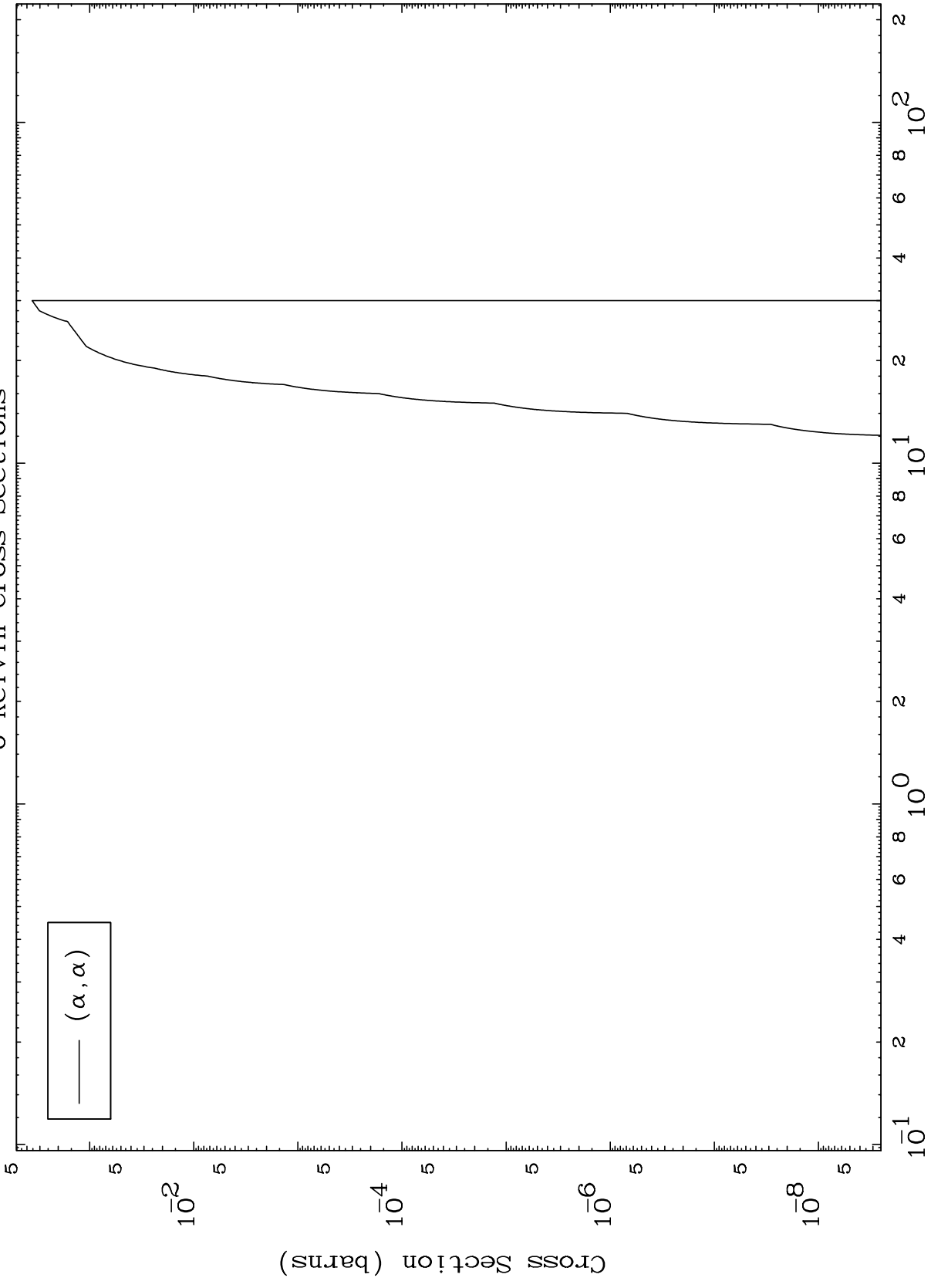
Incident Energy (MeV)

70-Yb-175

MAT 7046

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-175



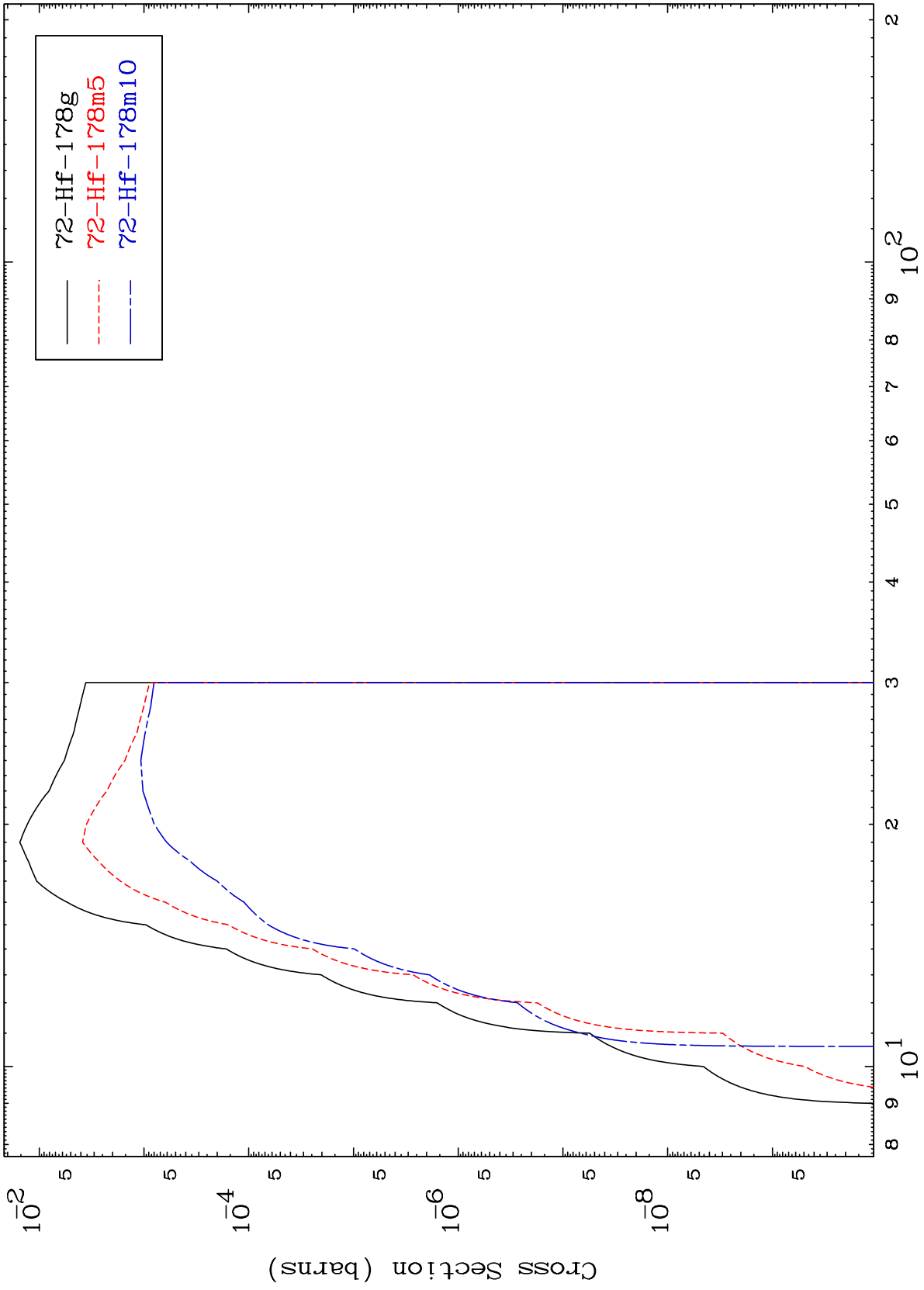
Incident Energy (MeV)

70-Yb-175

MAT 7046

Radionuclide Production Cross Section
 α Inelastic

70-Yb-175



11

Incident Energy (MeV)

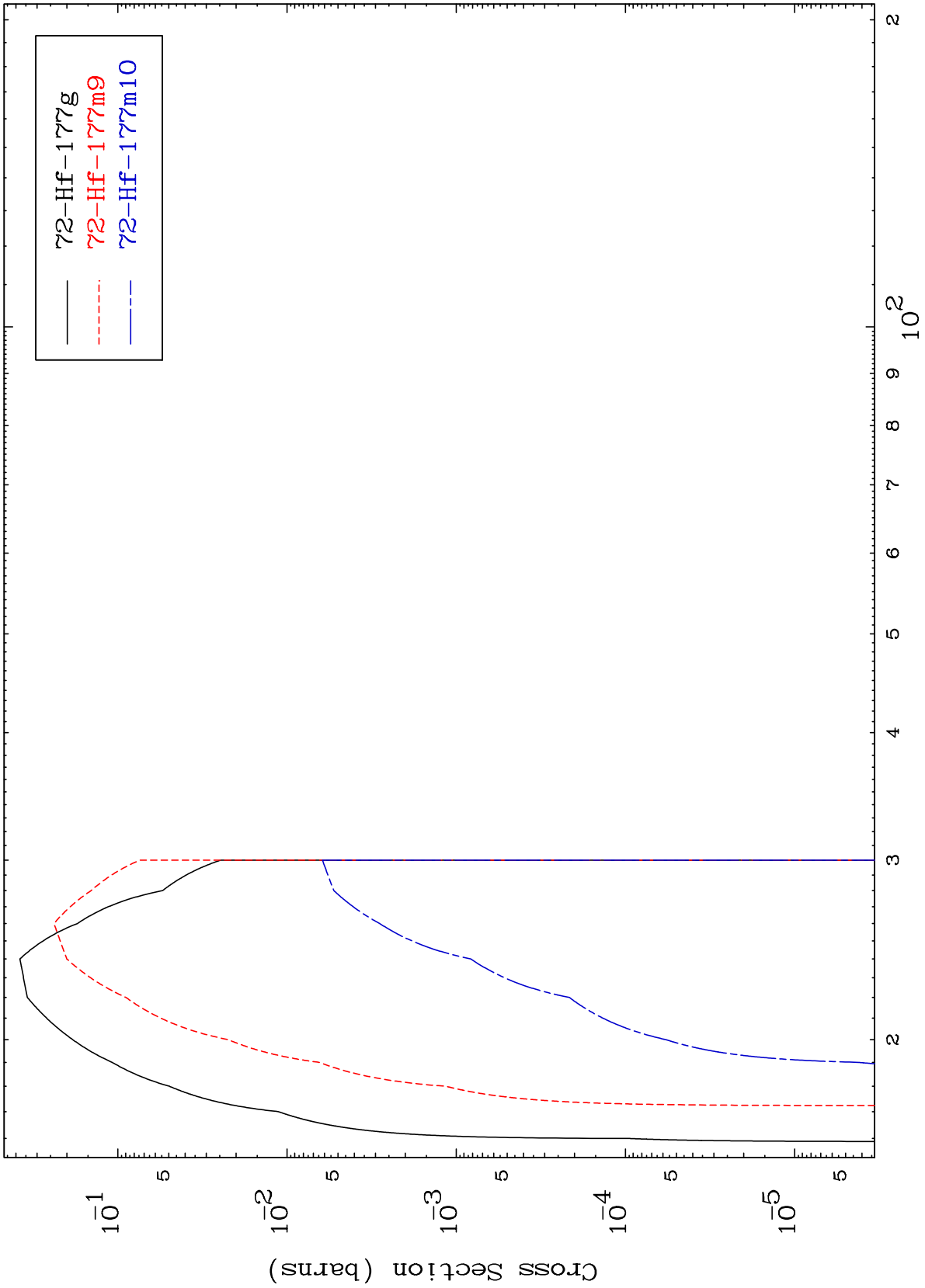
70-Yb-175

MAT 7046

($\alpha, 2n$)

70-Yb-175

Radionuclide Production Cross Section



12

Incident Energy (MeV)

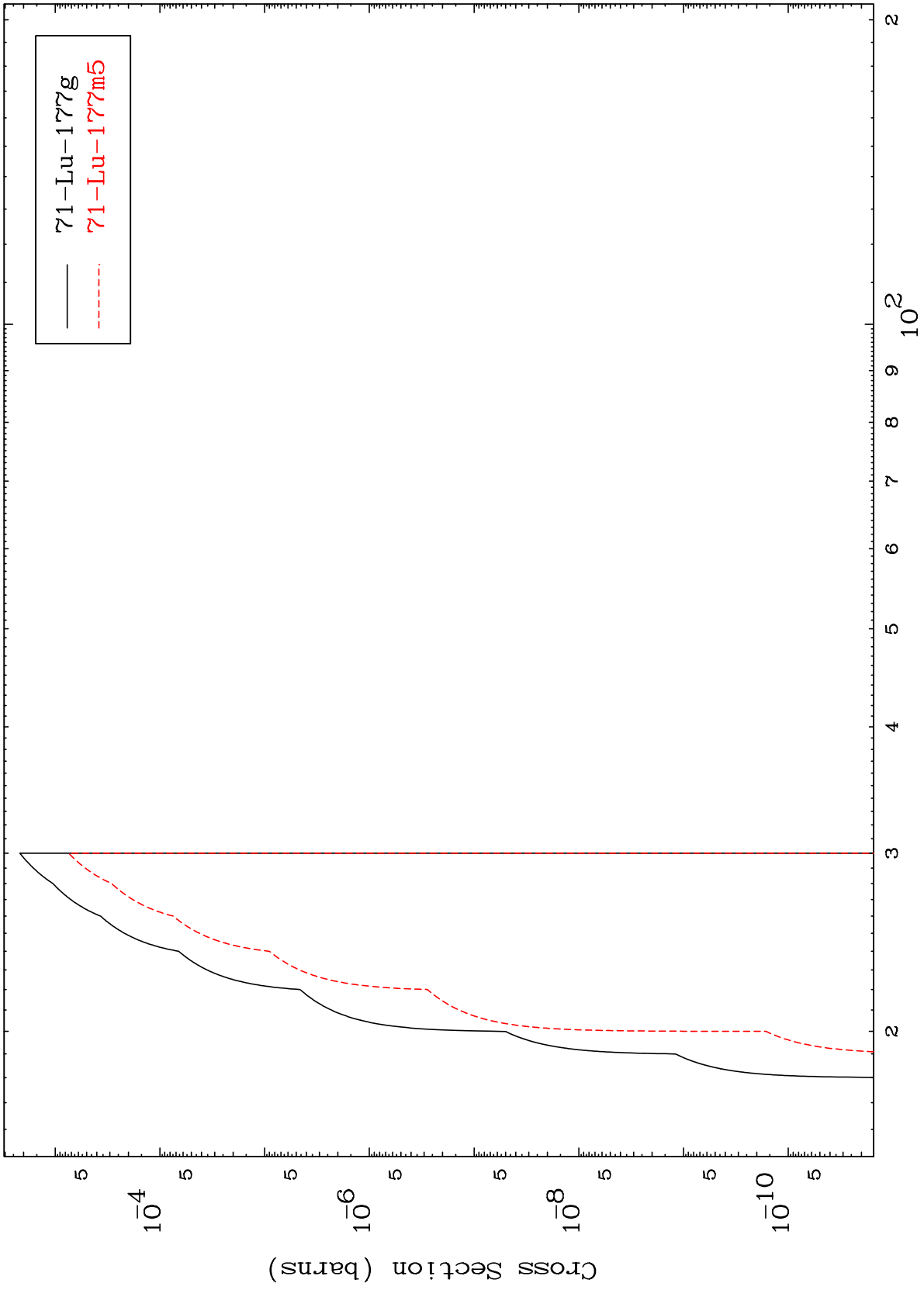
70-Yb-175

MAT 7046

(α, n') p

70-Yb-175

Radionuclide Production Cross Section



13

Incident Energy (MeV)

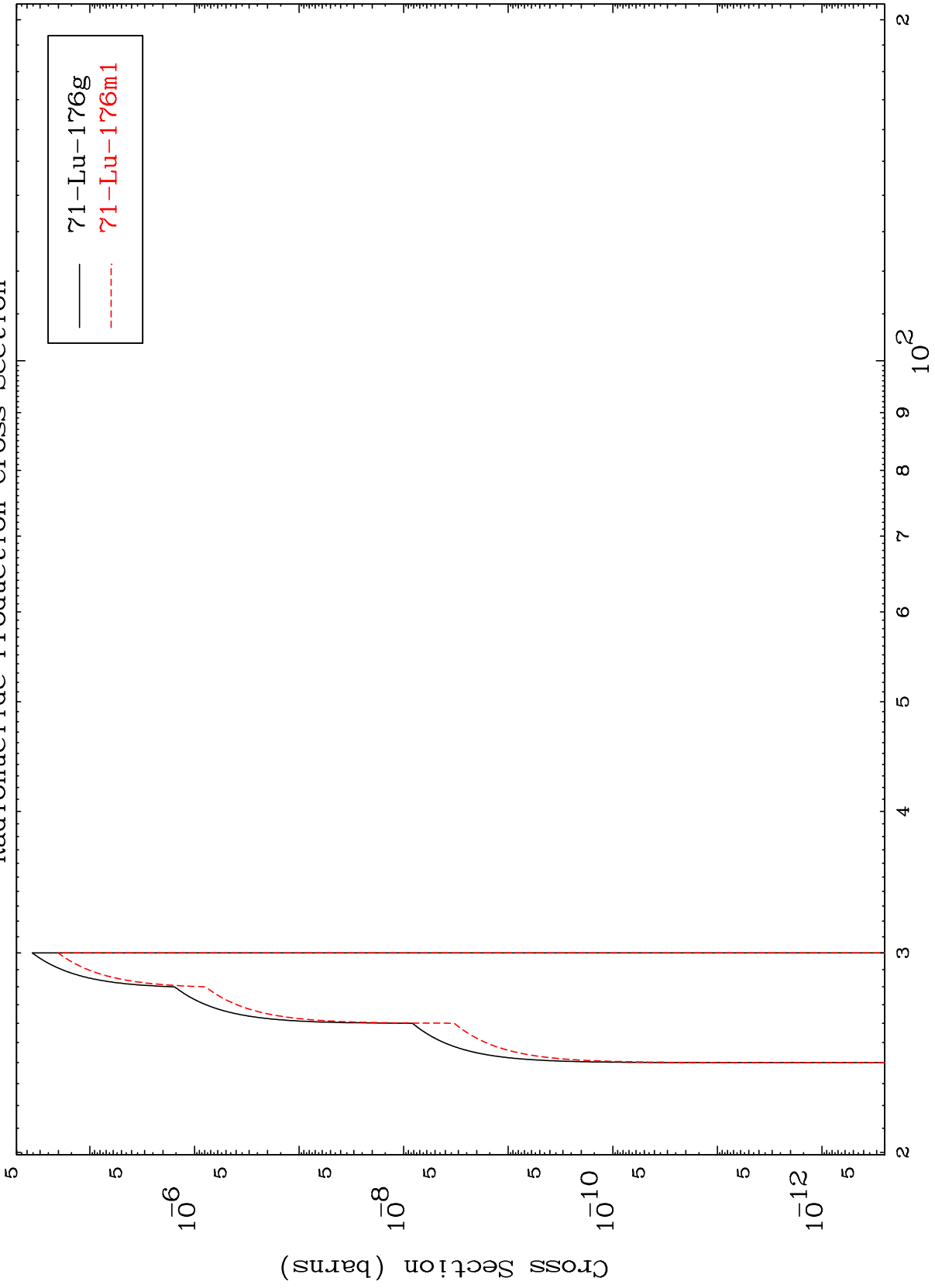
70-Yb-175

MAT 7046

(α, n') d

70-Yb-175

Radionuclide Production Cross Section



14

Incident Energy (MeV)

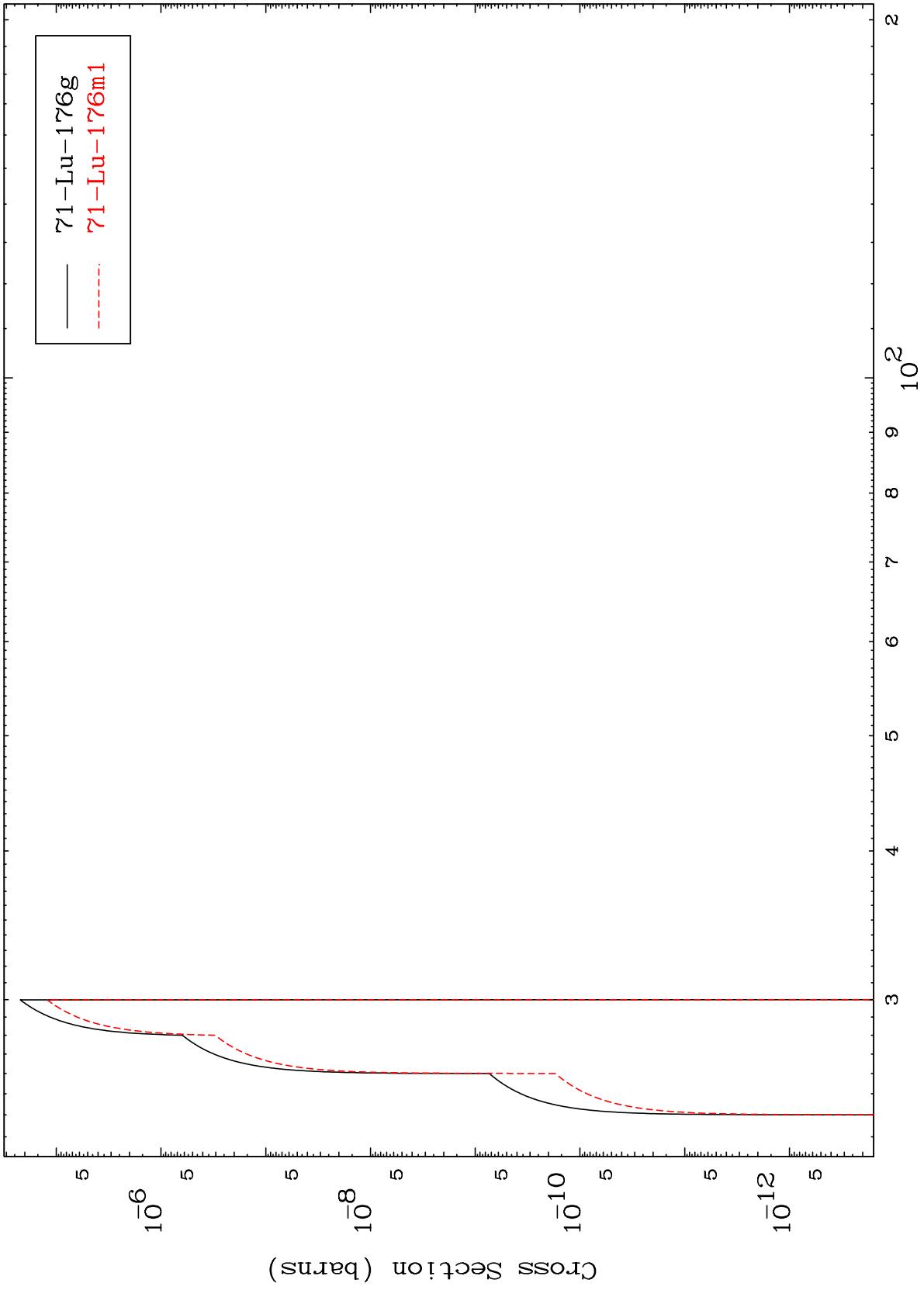
70-Yb-175

MAT 7046

($\alpha, 2n$) p

70-Yb-175

Radionuclide Production Cross Section



15

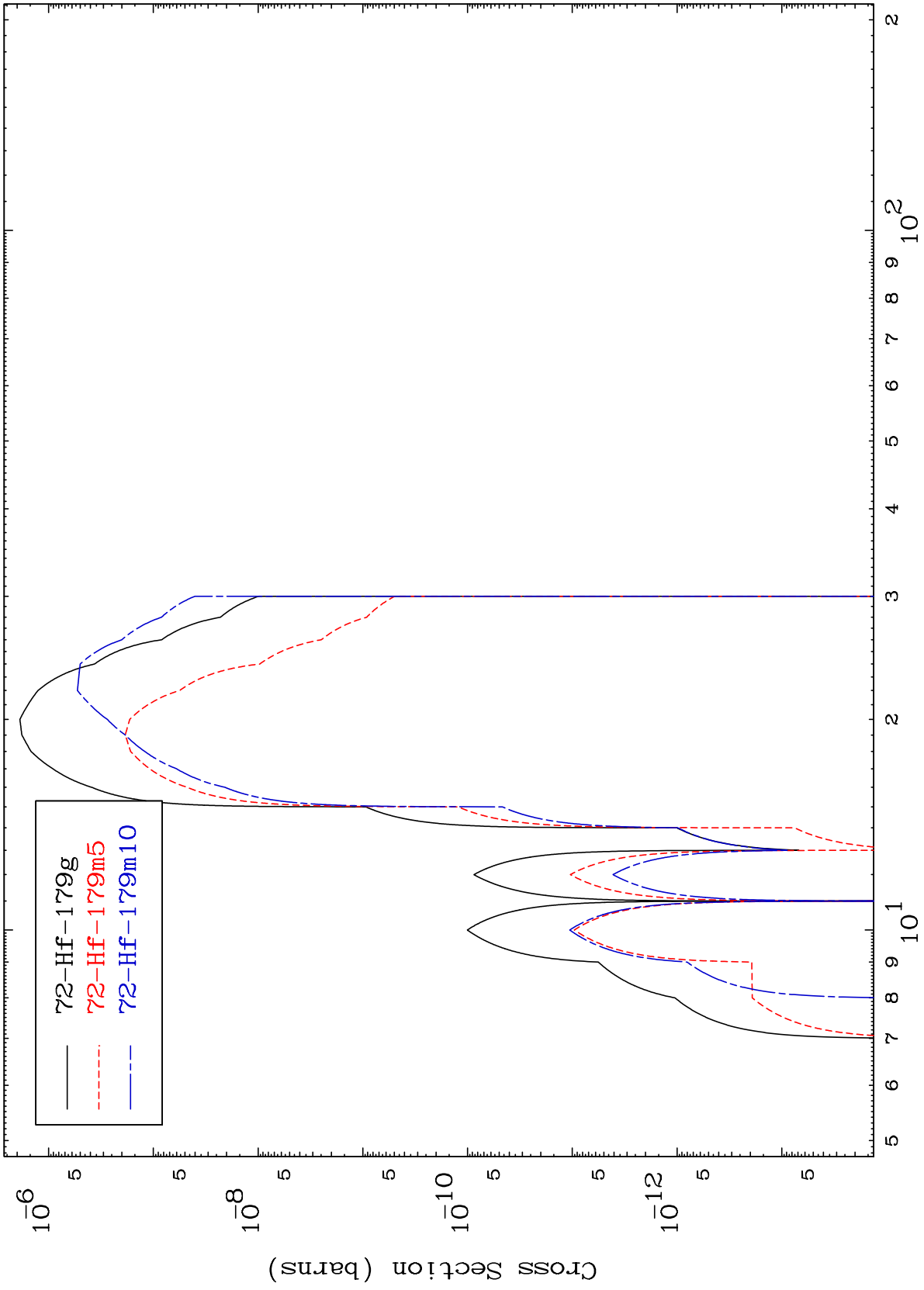
Incident Energy (MeV)

70-Yb-175

MAT 7046

Radionuclide Production Cross Section
(α, γ)

70-Yb-175



16

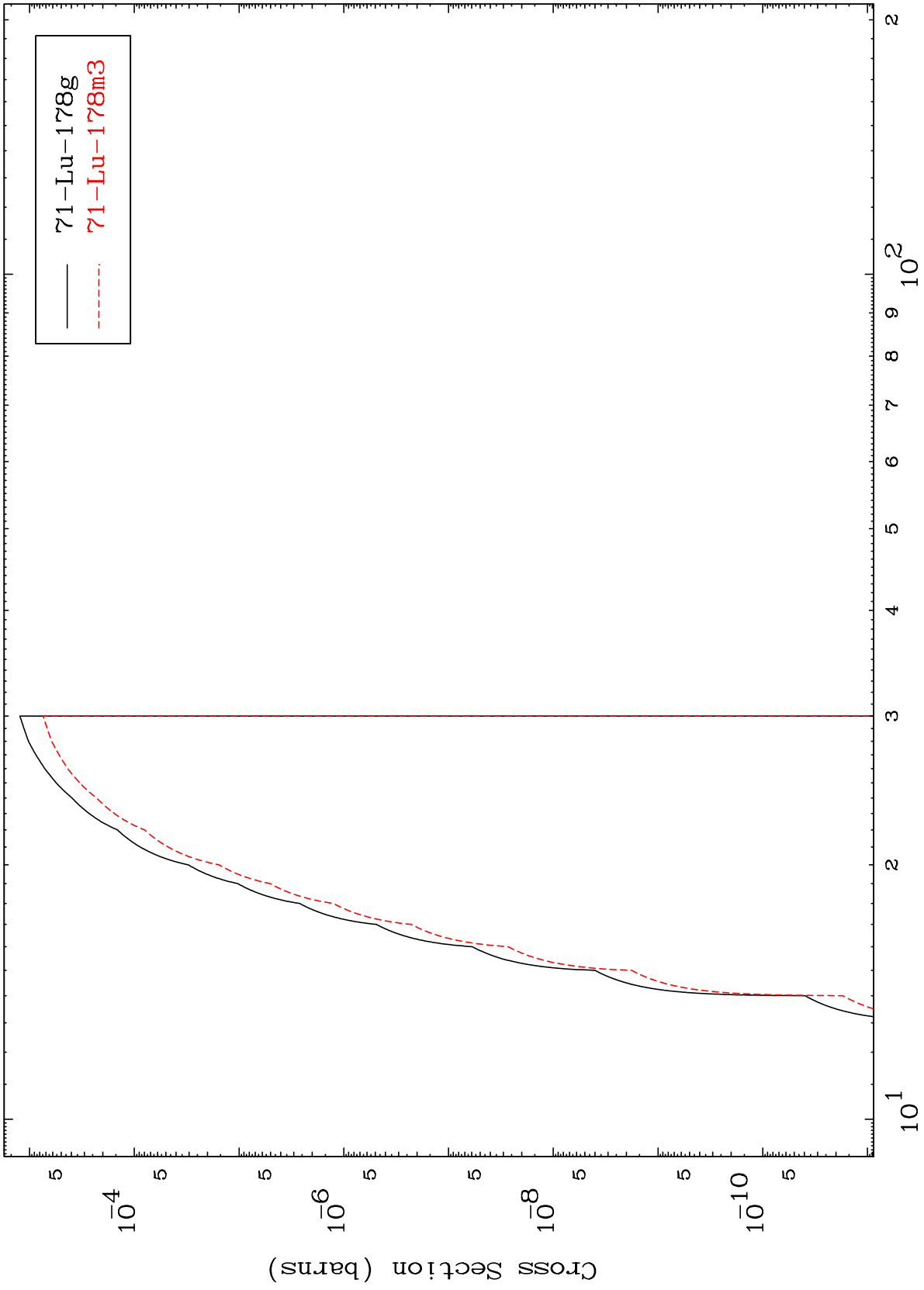
Incident Energy (MeV)

70-Yb-175

MAT 7046

70-Yb-175

Radionuclide Production Cross Section
(α, p)



17

Incident Energy (MeV)

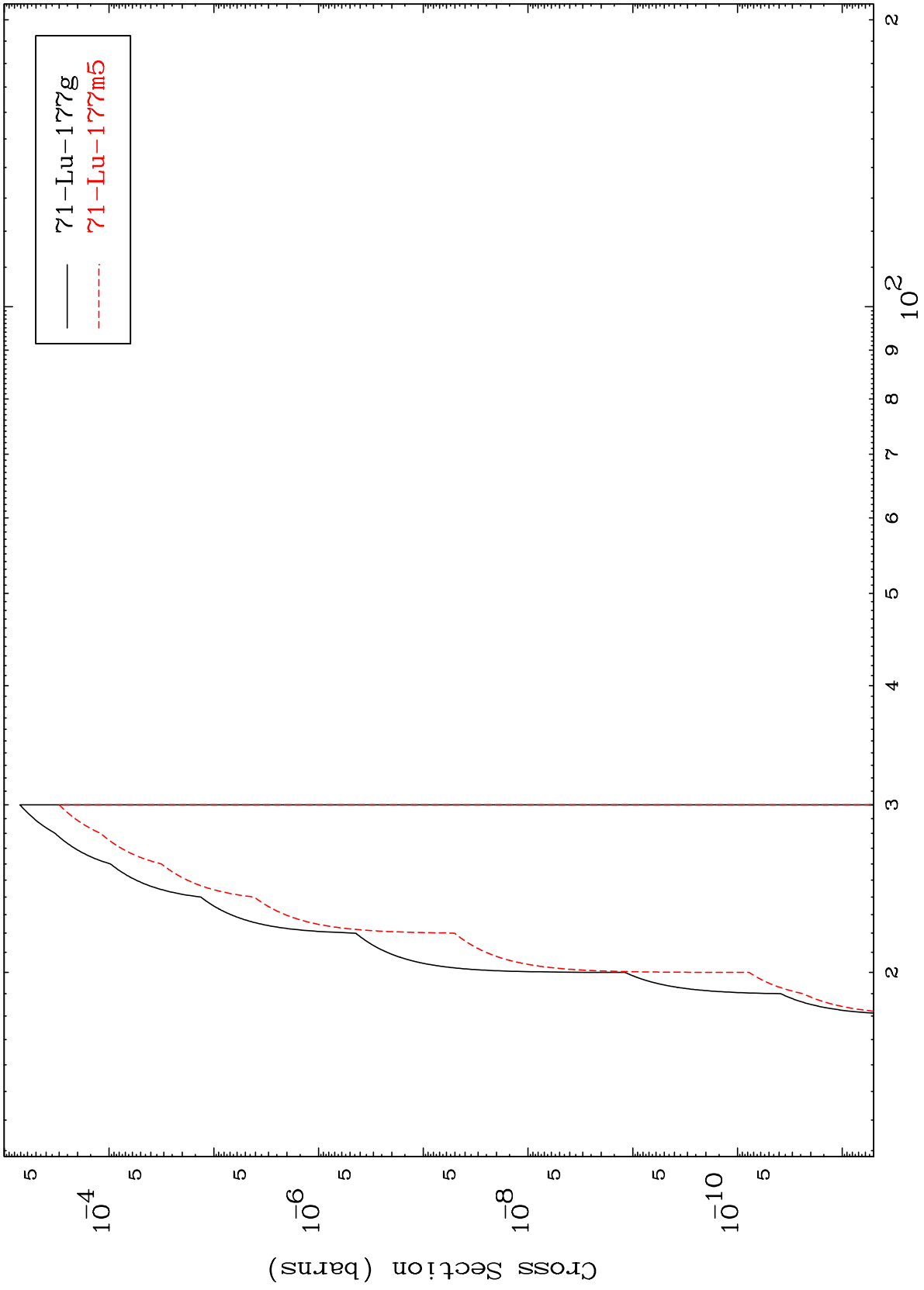
70-Yb-175

MAT 7046

(α, d)

70-Yb-175

Radionuclide Production Cross Section



18

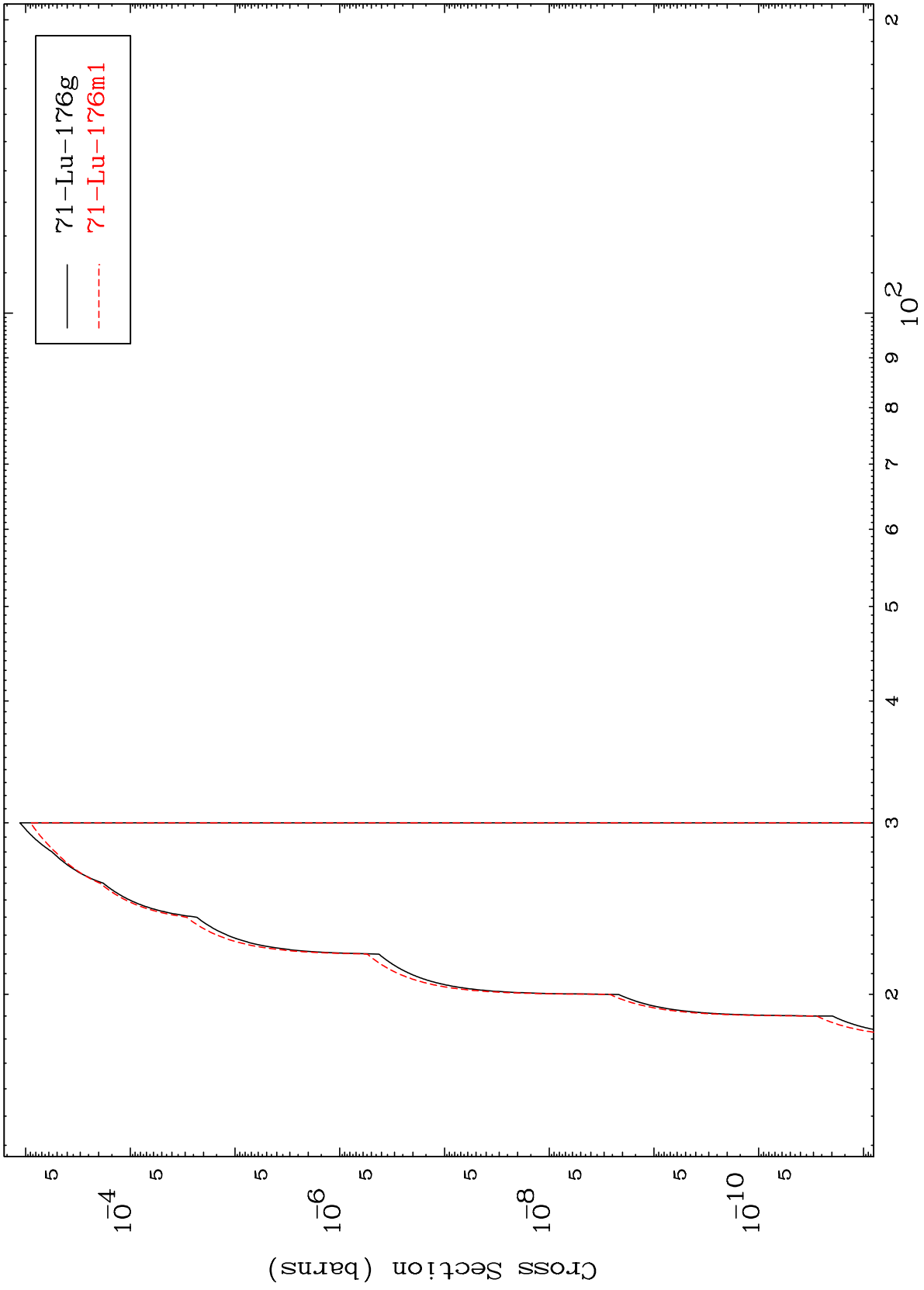
Incident Energy (MeV)

70-Yb-175

MAT 7046

(α, t)
Radionuclide Production Cross Section

$^{70}\text{Yb-175}$



19

Incident Energy (MeV)

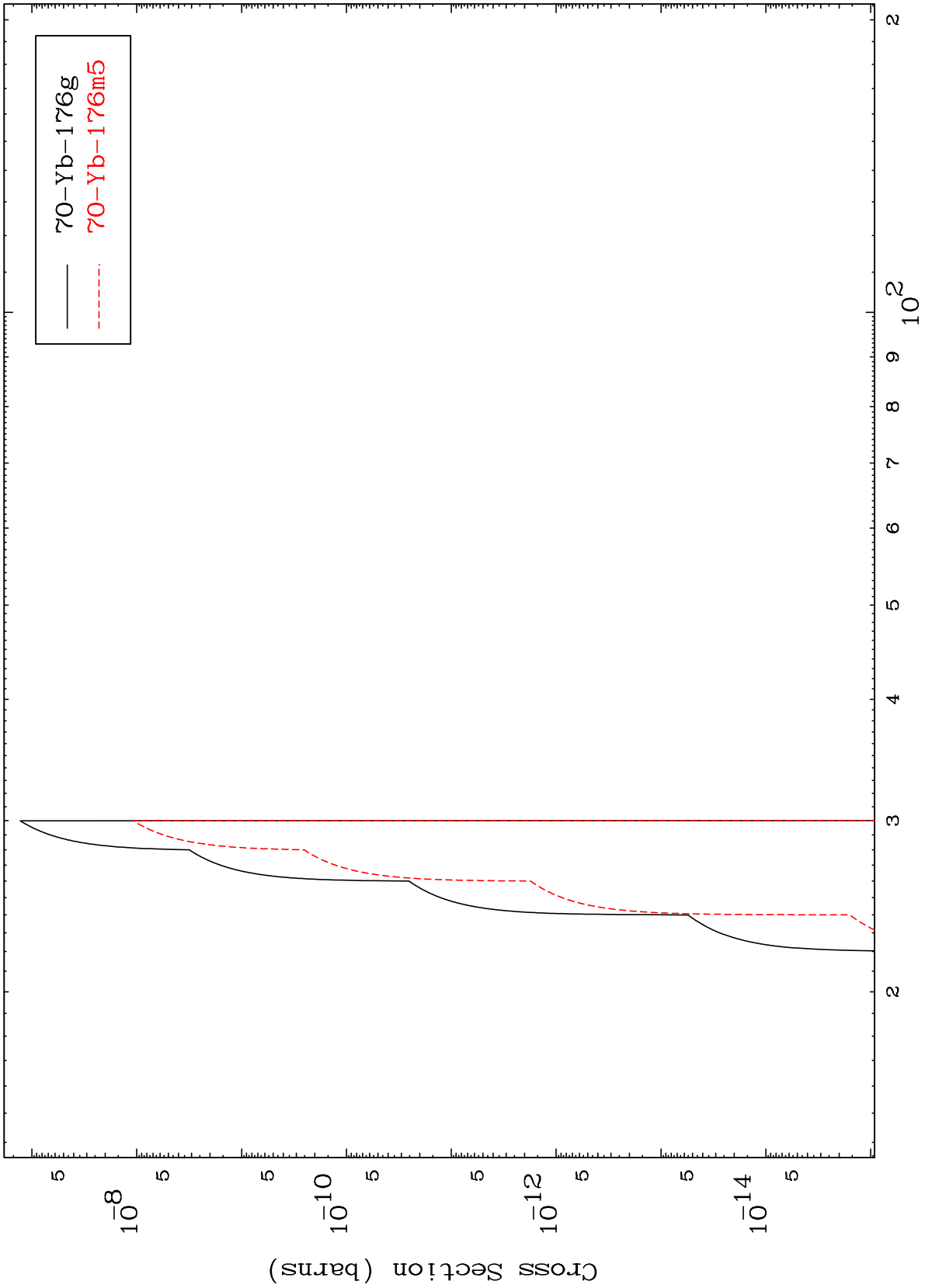
$^{70}\text{Yb-175}$

MAT 7046

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

$^{70}\text{Yb-175}$

Radionuclide Production Cross Section



20

$^{70}\text{Yb-175}$