

Program EVALPLOT
(Version 2018-1)

by

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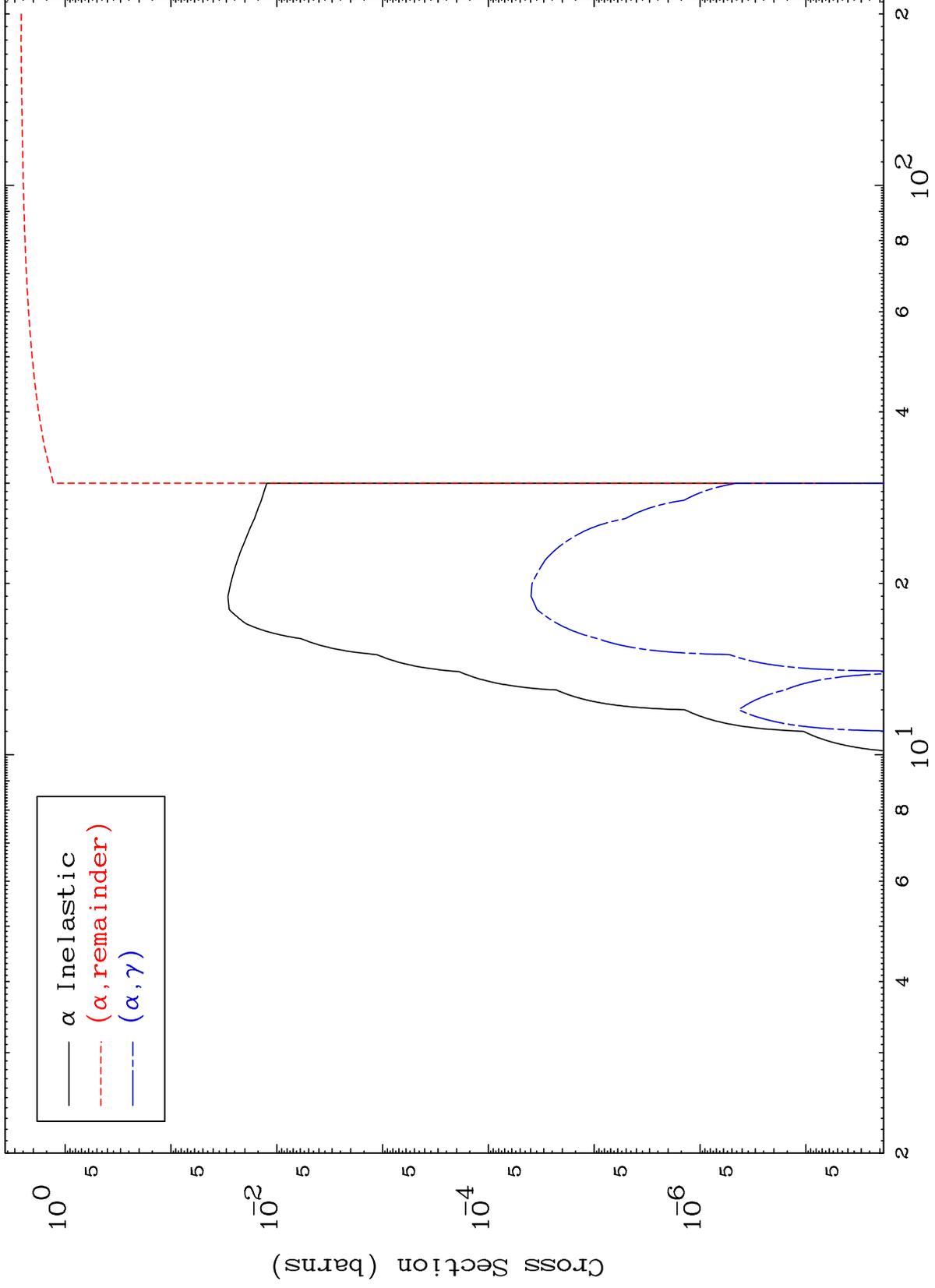
Press Mouse Button to Start

MAT 7043

α Major

70-Yb-174

0 Kelvin Cross Sections

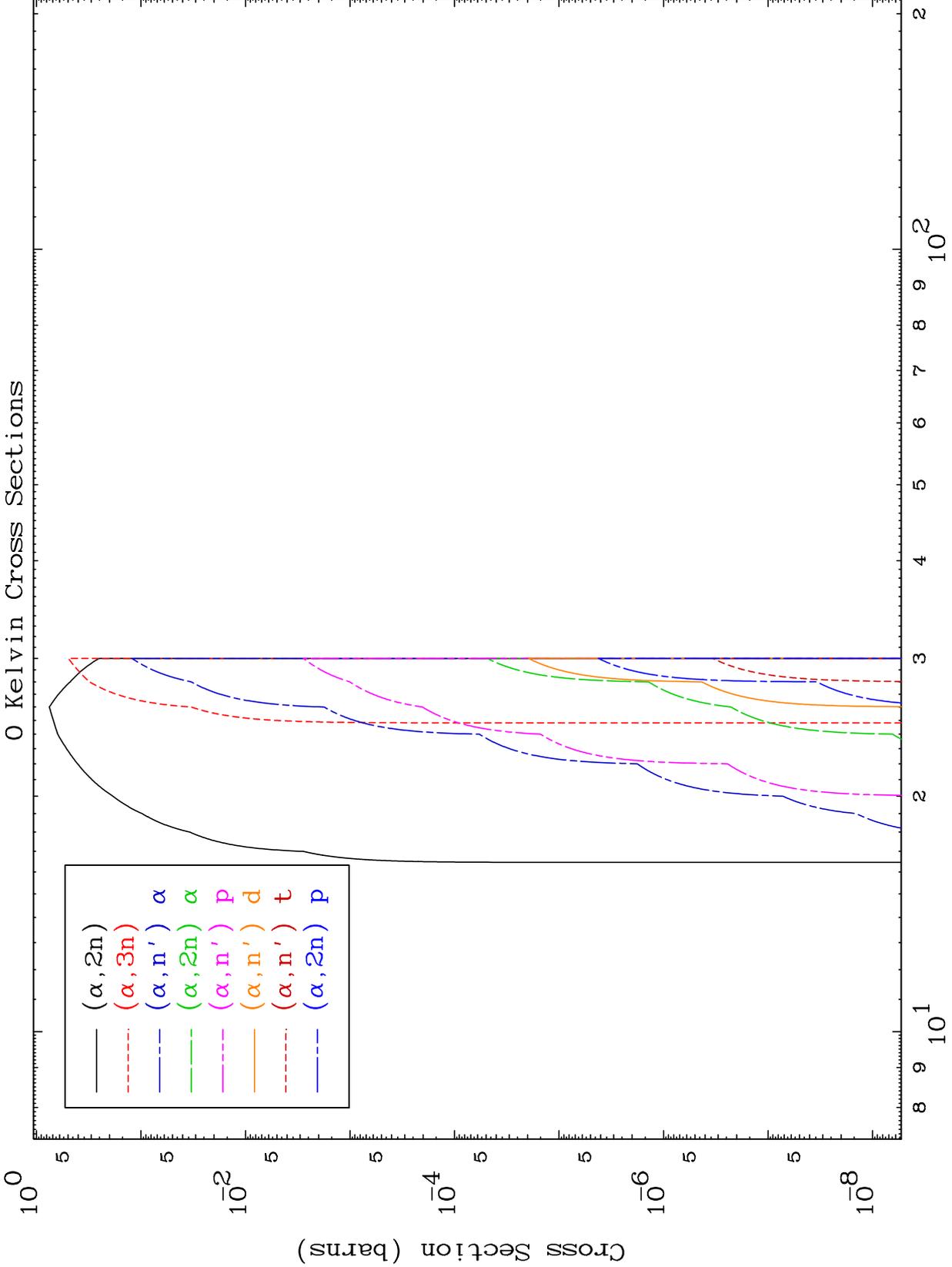


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 7043

α Neutron Production
0 Kelvin Cross Sections

70-Yb-174



2

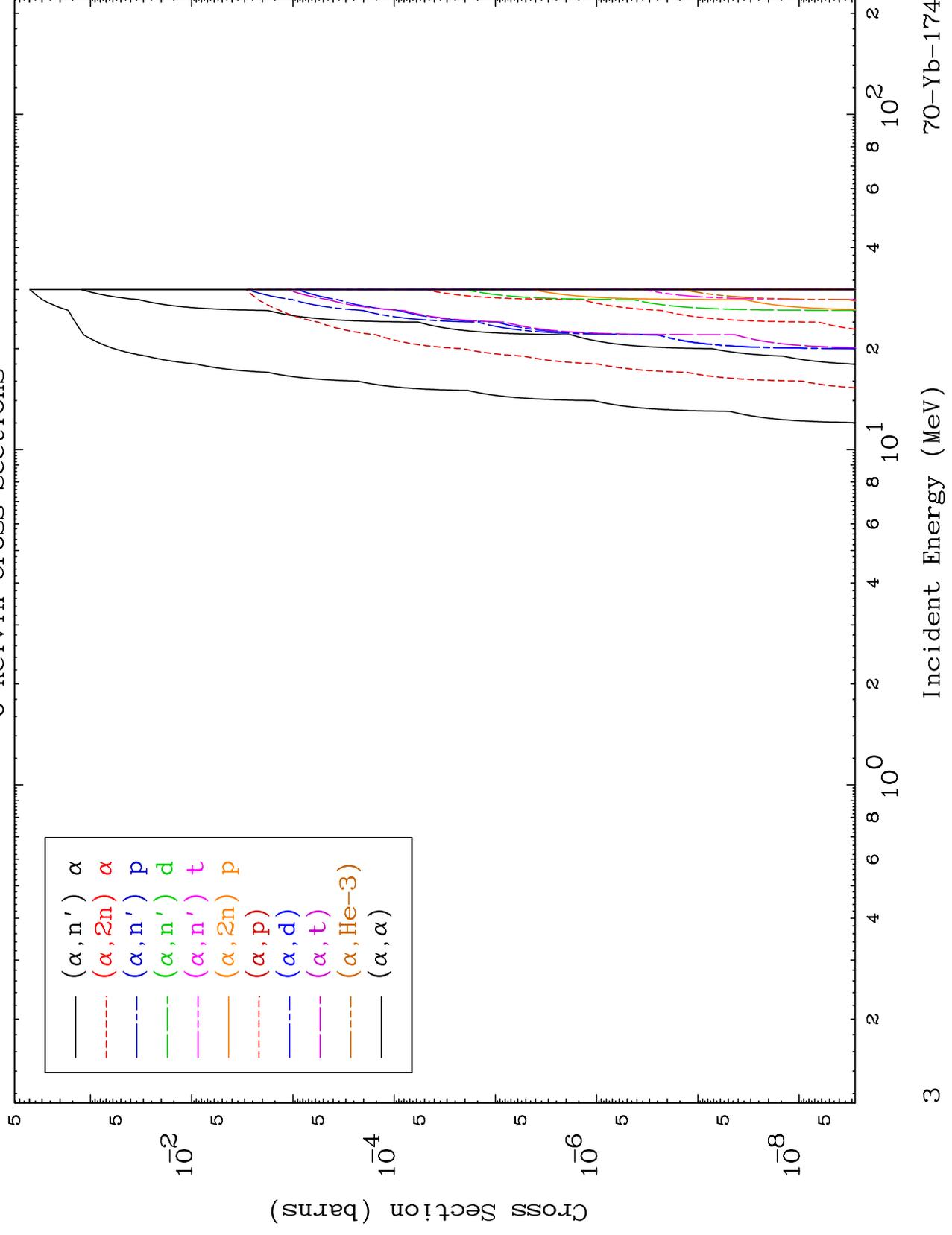
Incident Energy (MeV)

70-Yb-174

MAT 7043

α Charged Particle
0 Kelvin Cross Sections

70-Yb-174

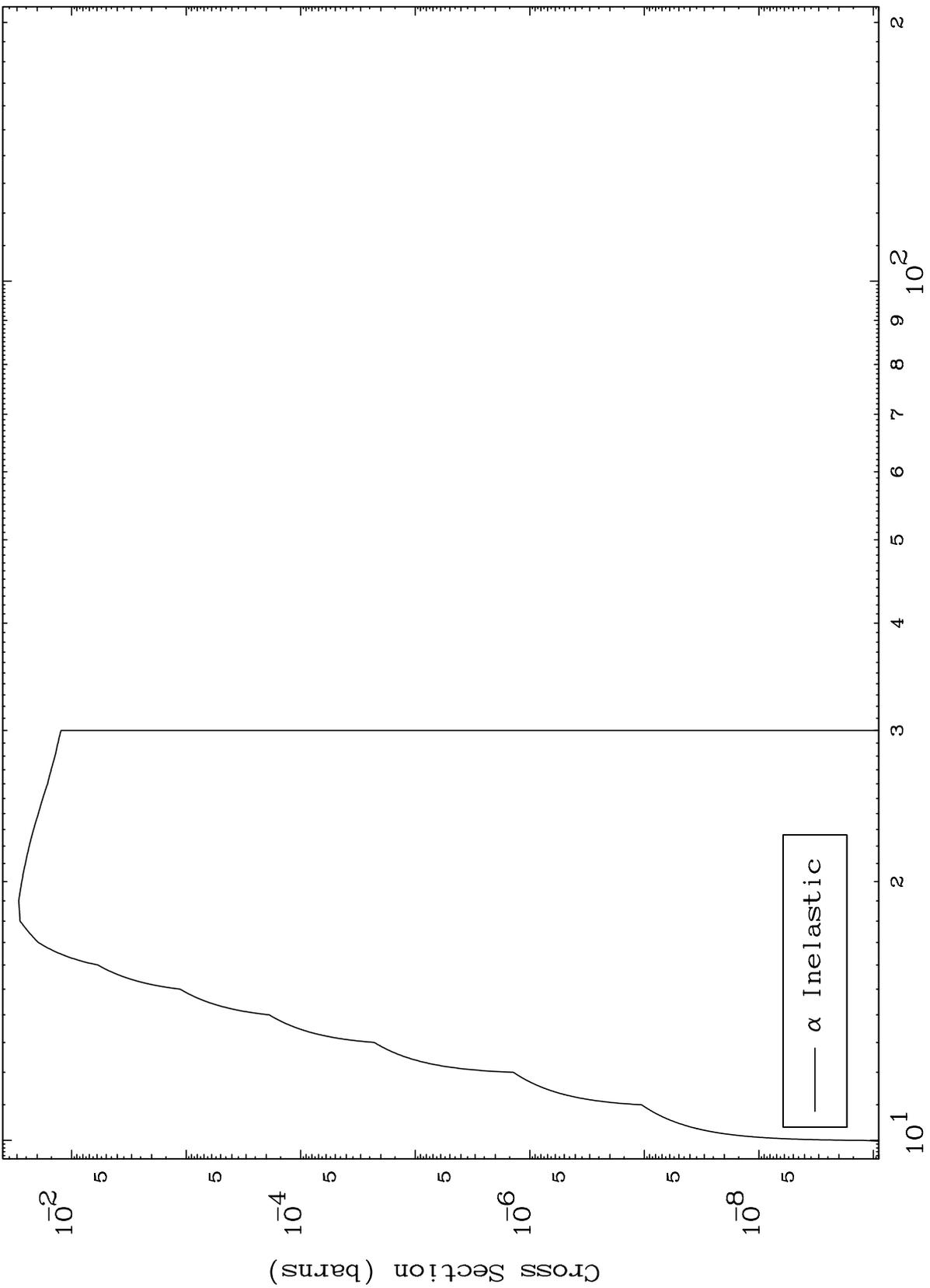


MAT 7043

(α, n') Level

70-Yb-174

0 Kelvin Cross Sections



— α Inelastic

Incident Energy (MeV)

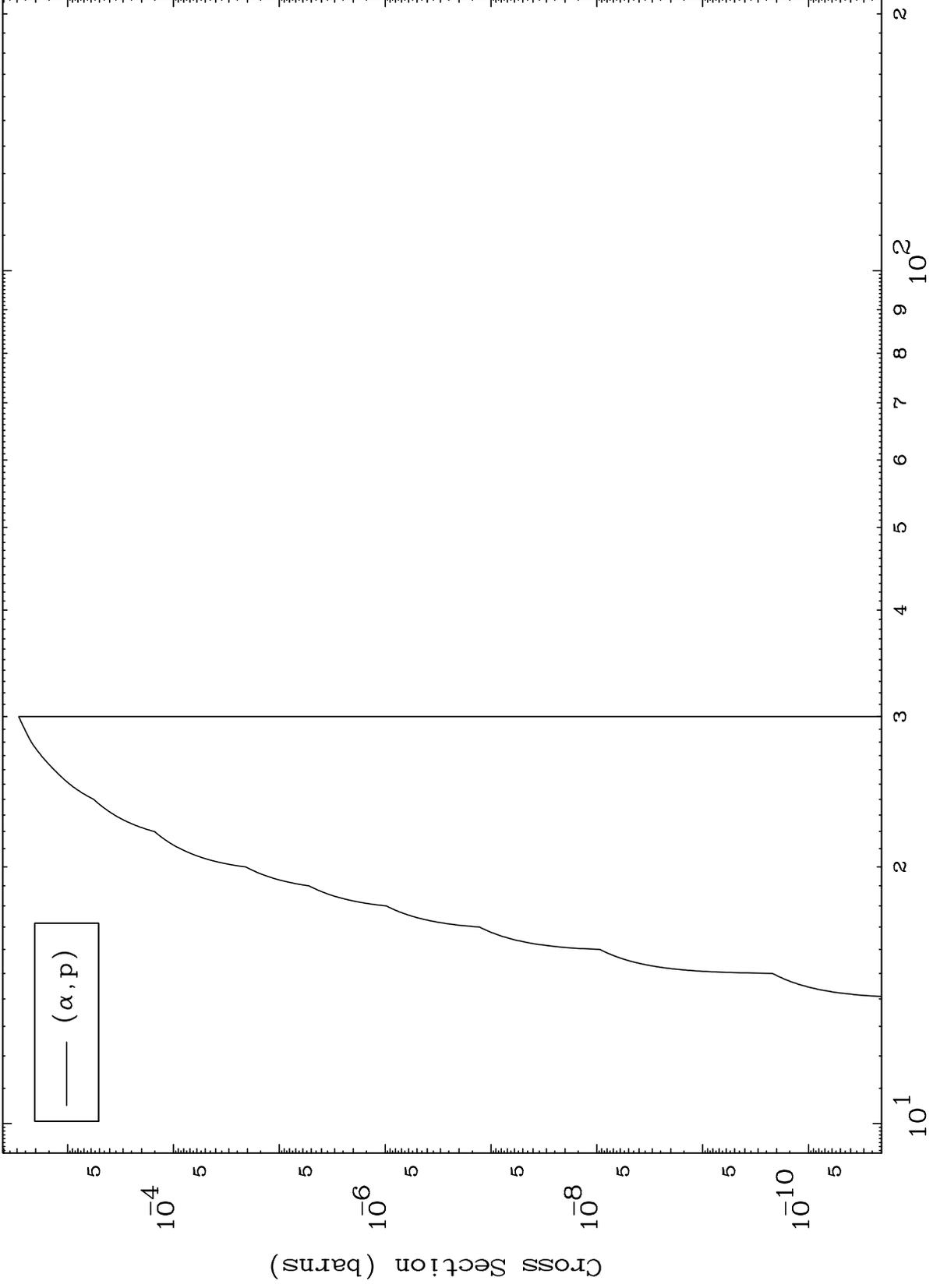
70-Yb-174

MAT 7043

(α, p) Levels

70-Yb-174

0 Kelvin Cross Sections



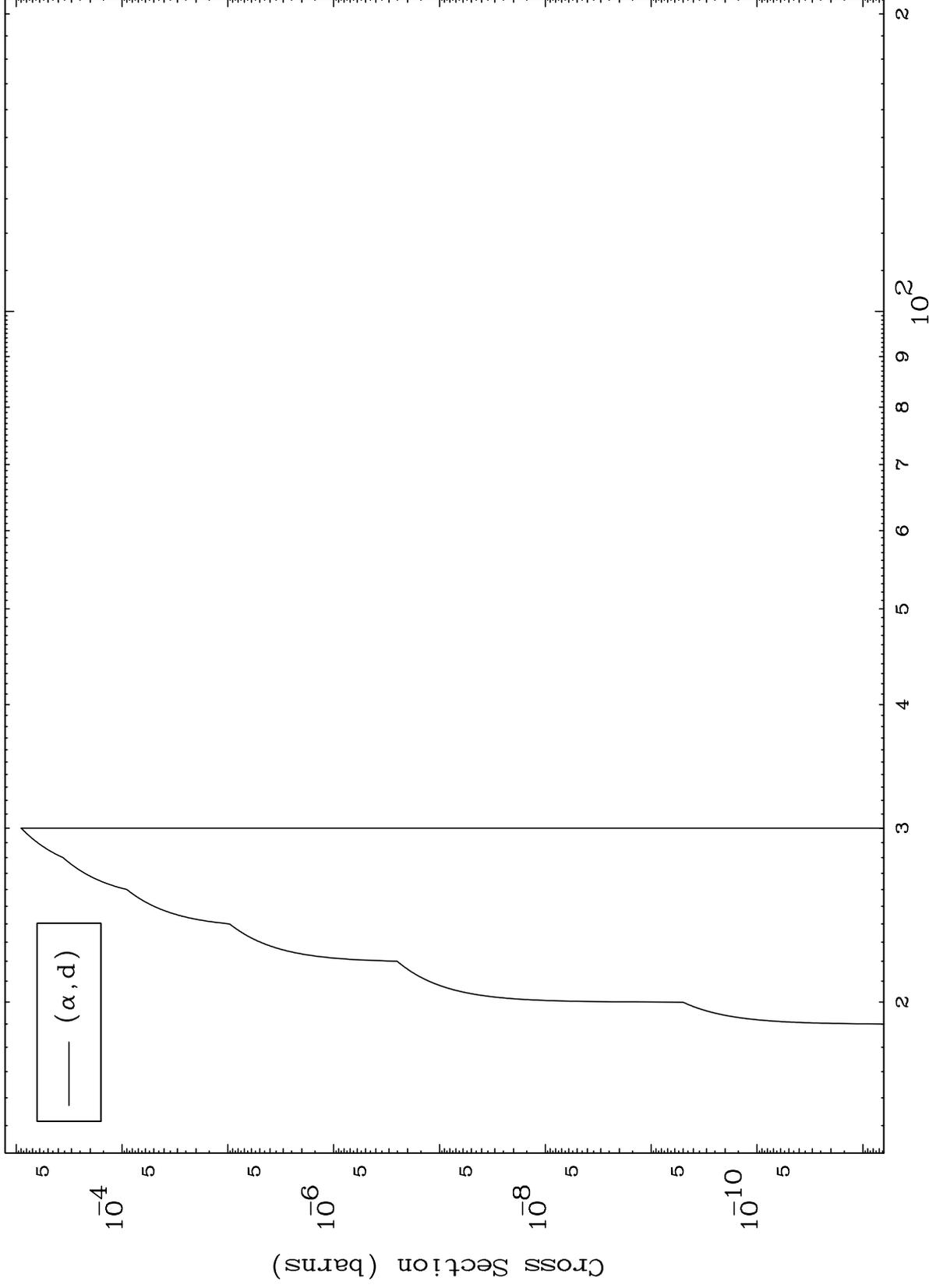
Incident Energy (MeV)

70-Yb-174

MAT 7043

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-174



6

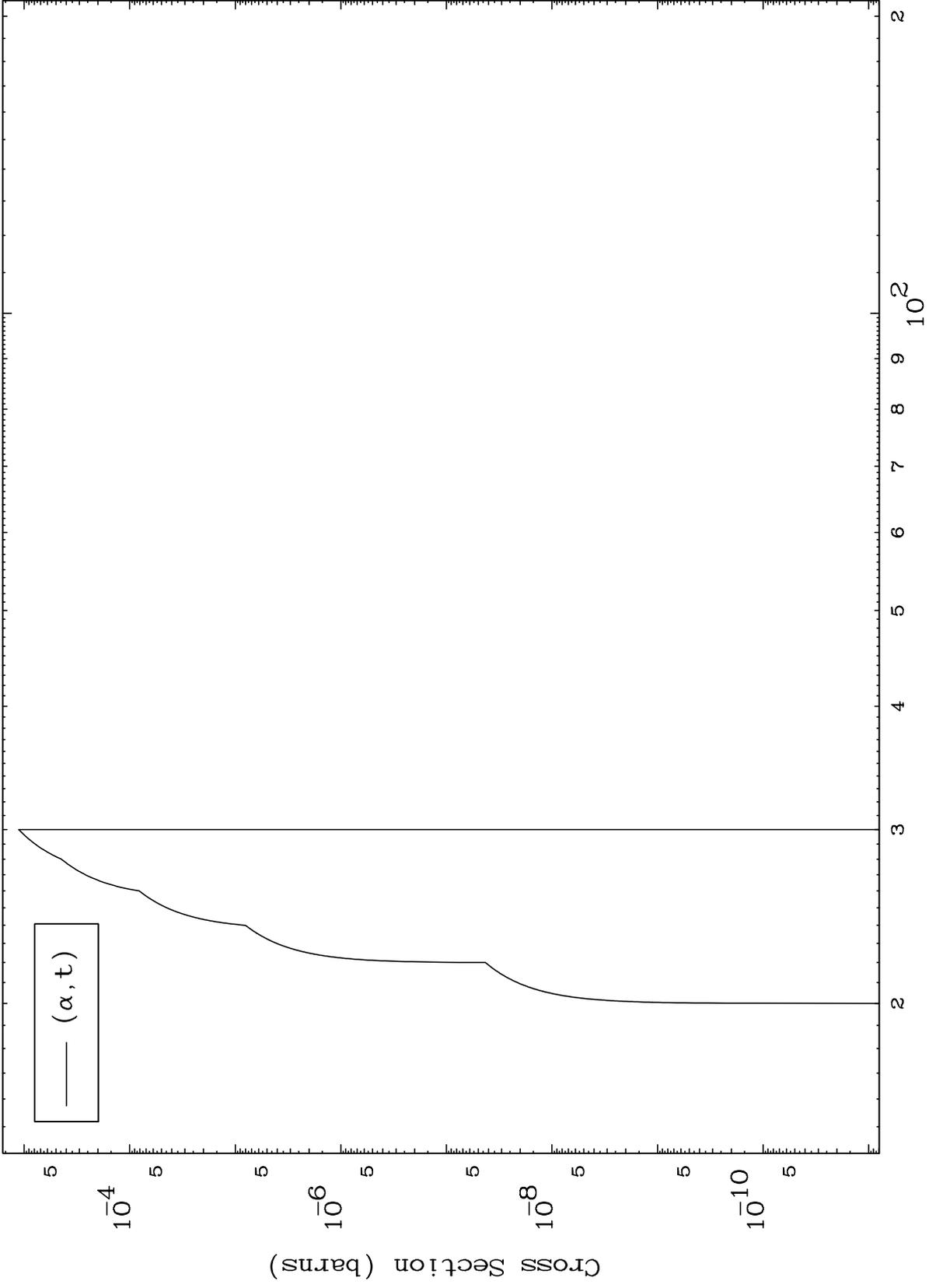
Incident Energy (MeV)

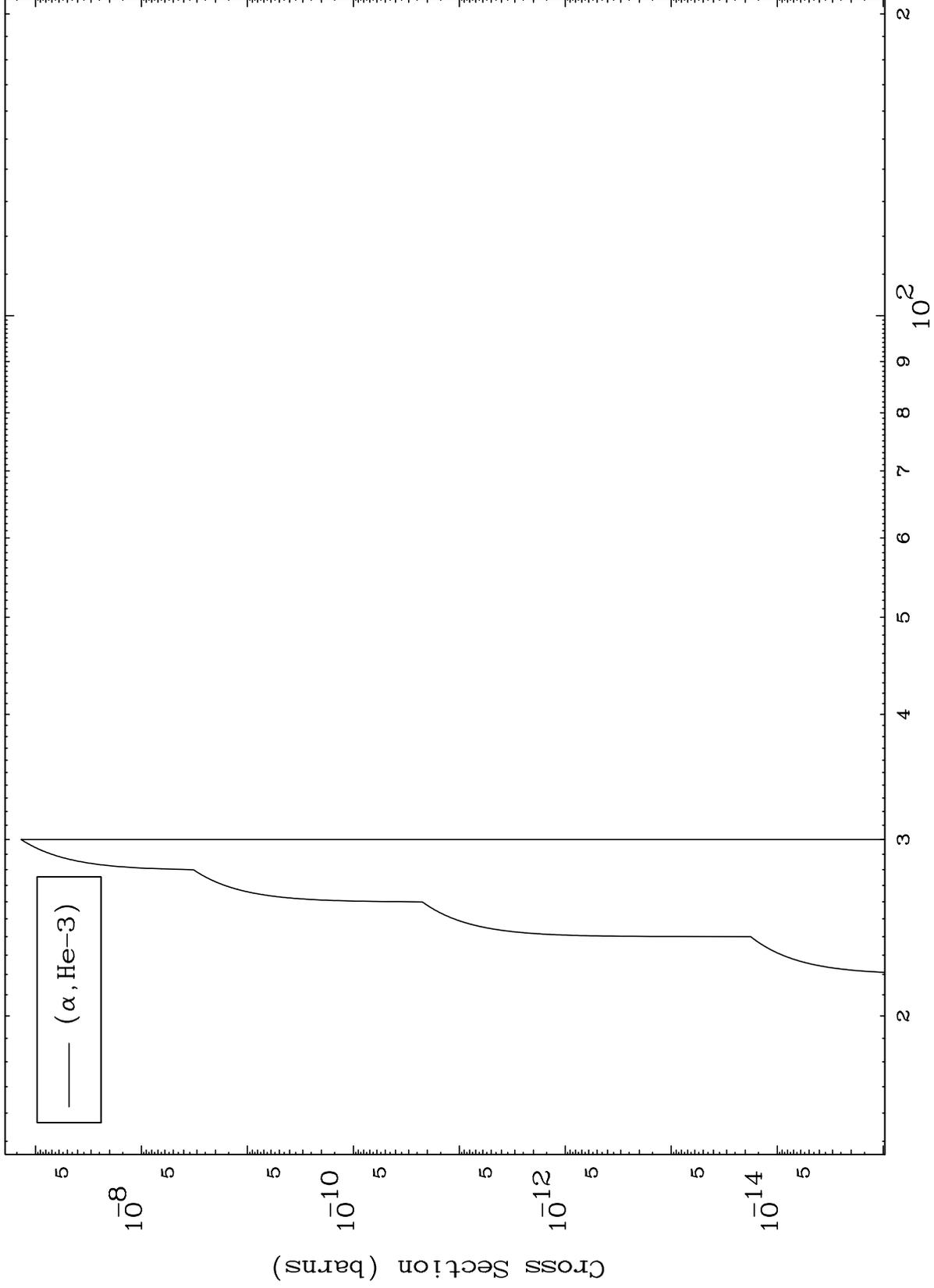
70-Yb-174

MAT 7043

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-174



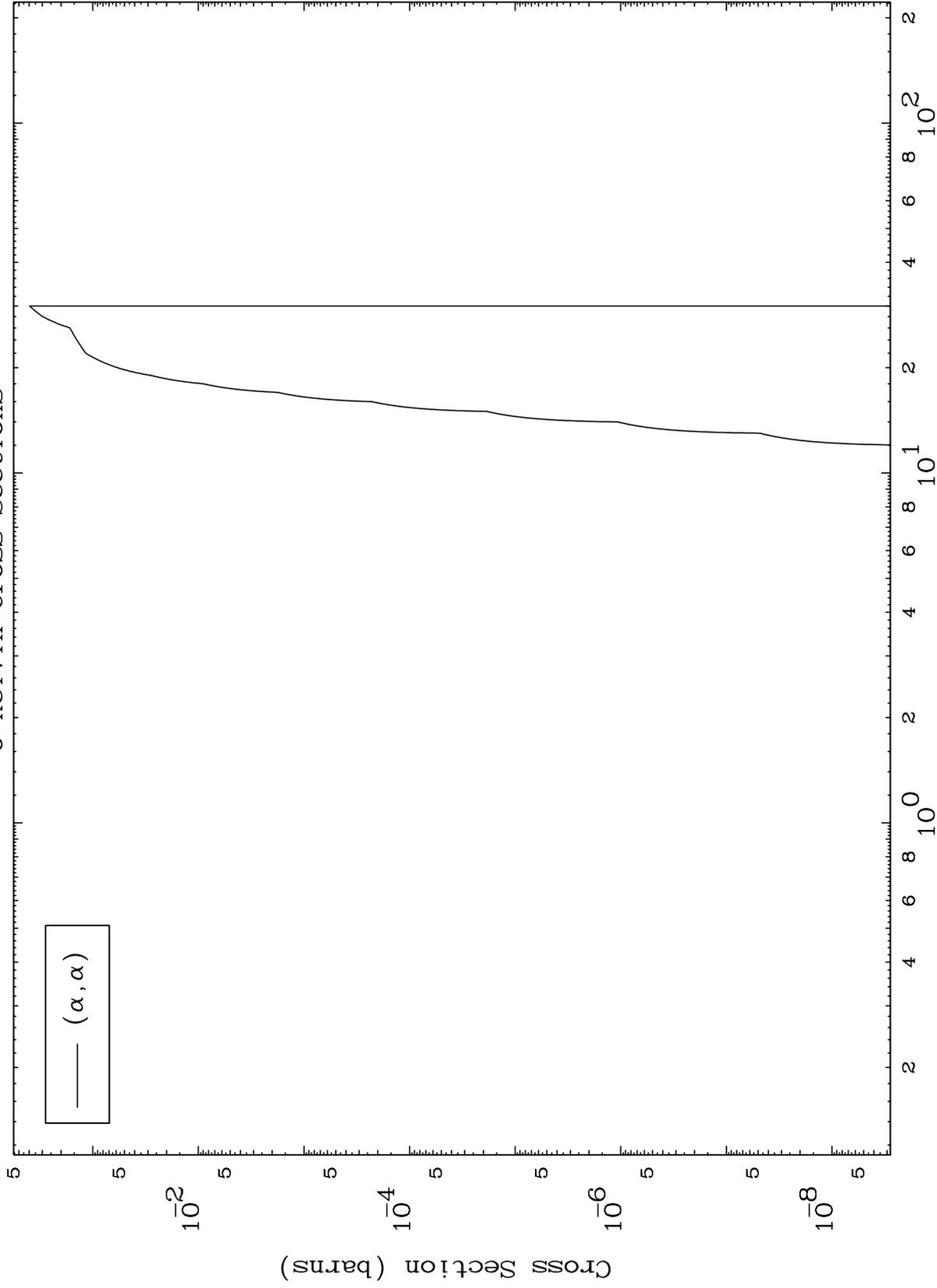


MAT 7043

(α, α) Levels

70-Yb-174

0 Kelvin Cross Sections

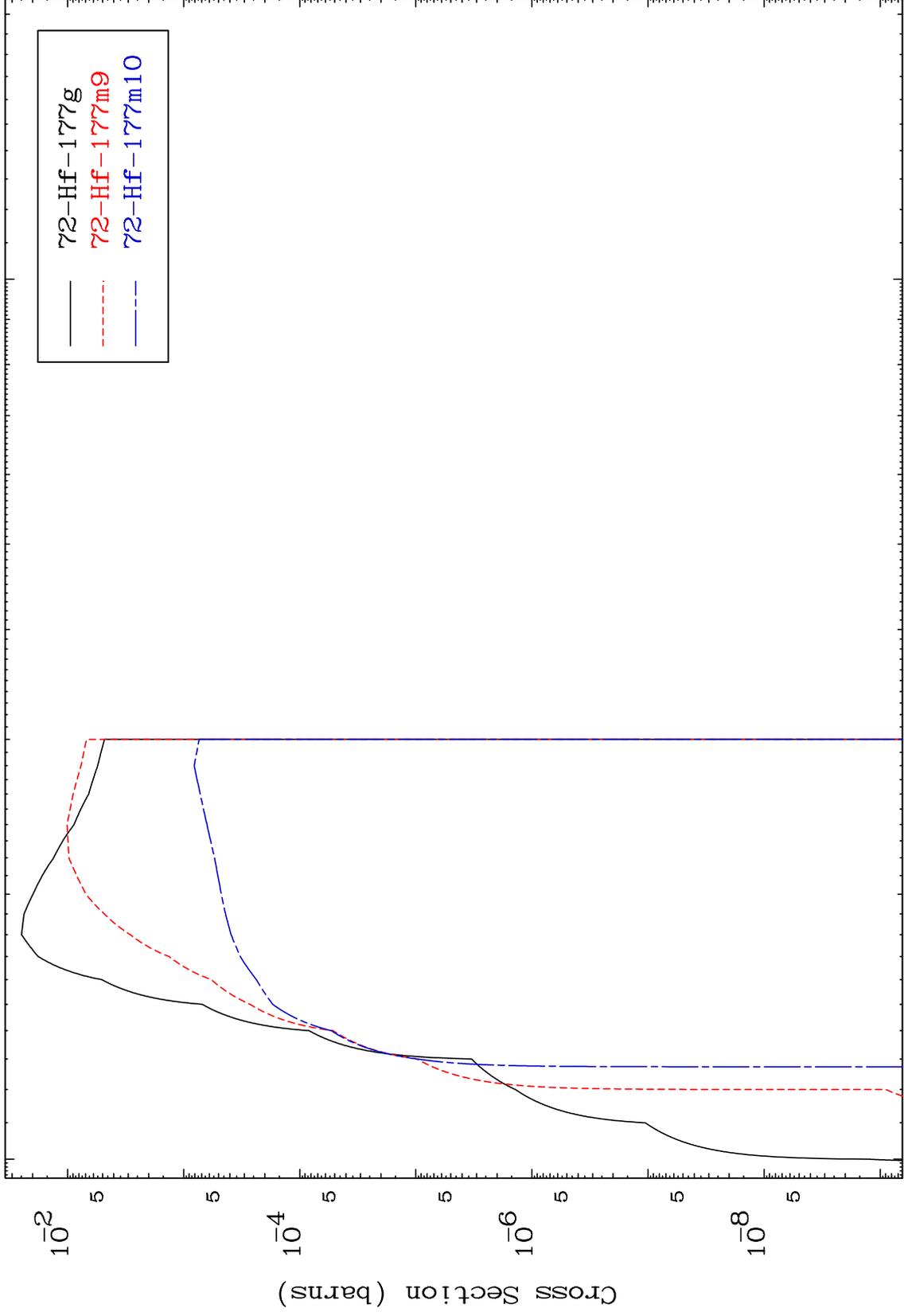


MAT 7043

α Inelastic

70-Yb-174

Radionuclide Production Cross Section



70-Yb-174

10²

10¹

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

Incident Energy (MeV)

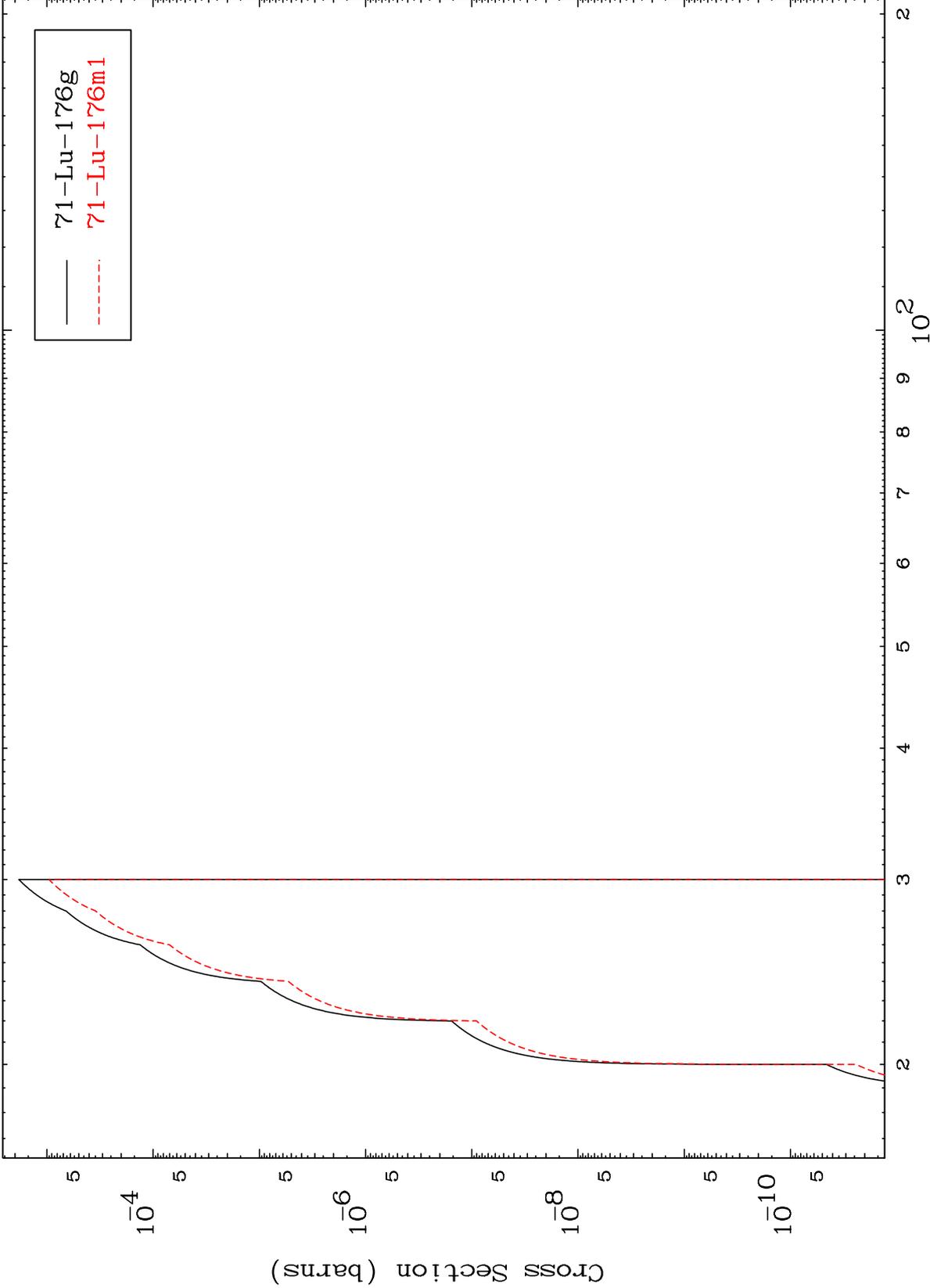
70-Yb-174

MAT 7043

(α, n') p

70-Yb-174

Radionuclide Production Cross Section



11

Incident Energy (MeV)

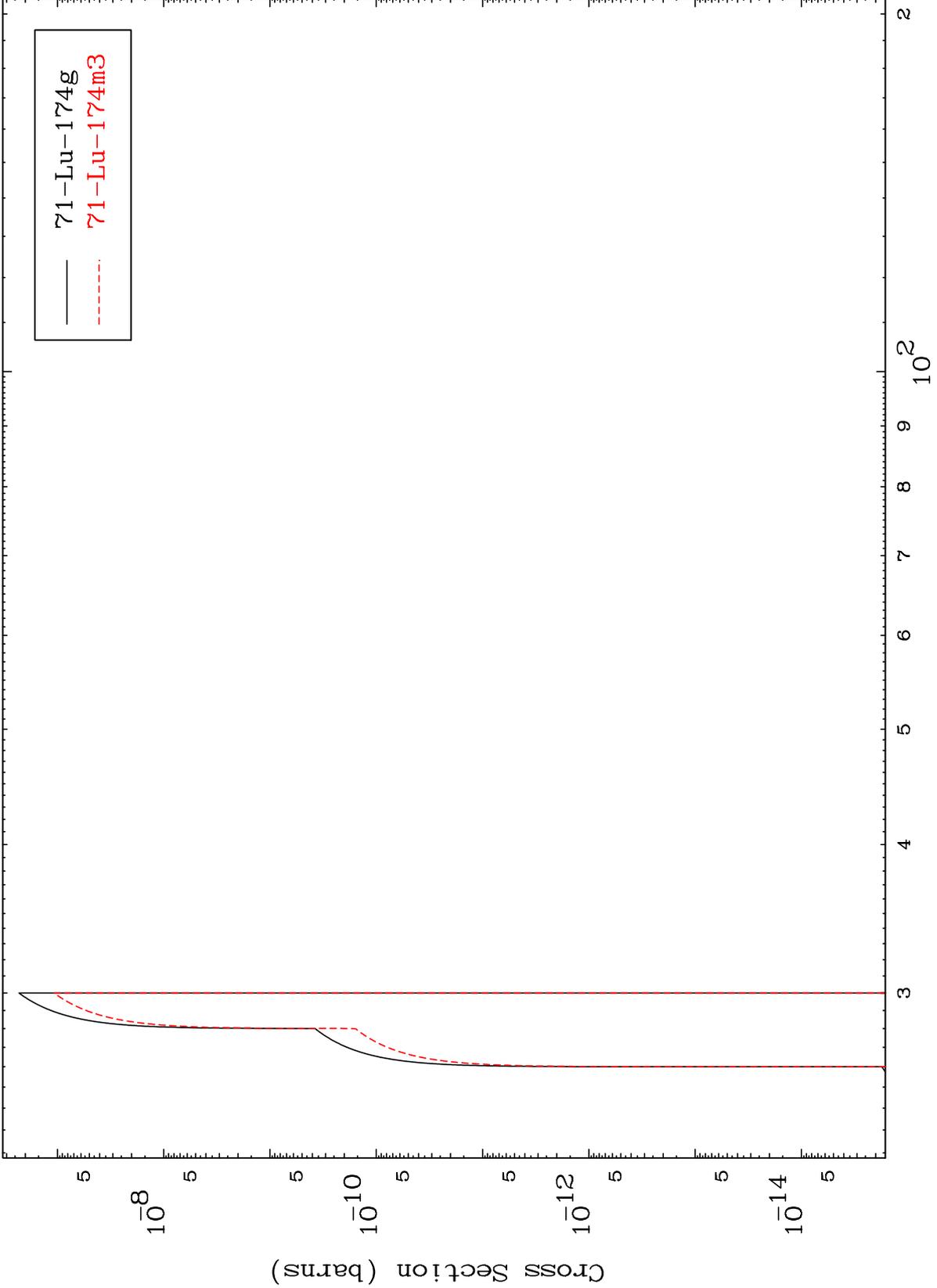
70-Yb-174

MAT 7043

(α, n') t

70-Yb-174

Radionuclide Production Cross Section



12

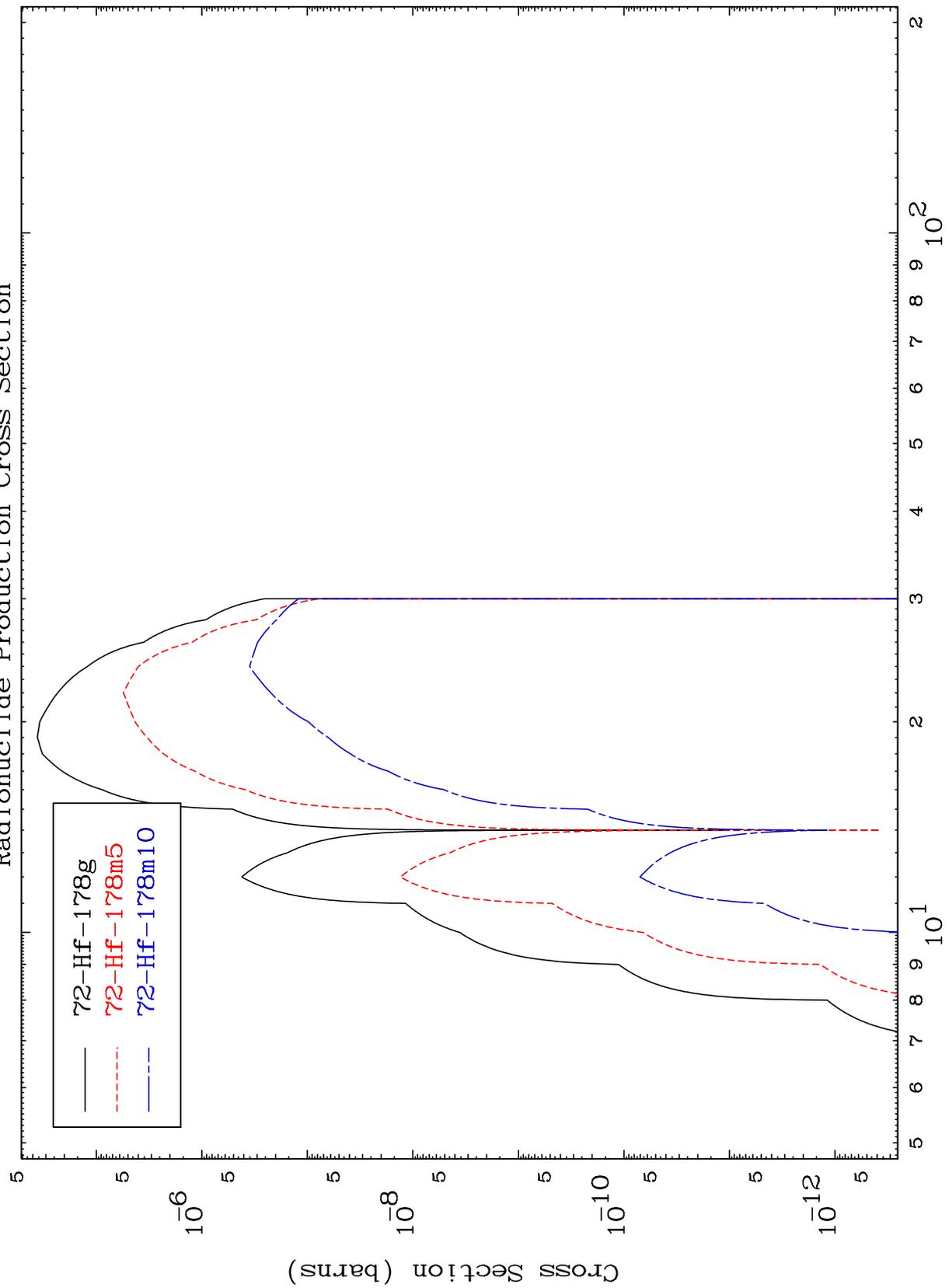
Incident Energy (MeV)

70-Yb-174

MAT 7043

70-Yb-174

(α, γ)
Radionuclide Production Cross Section



70-Yb-174

Incident Energy (MeV)

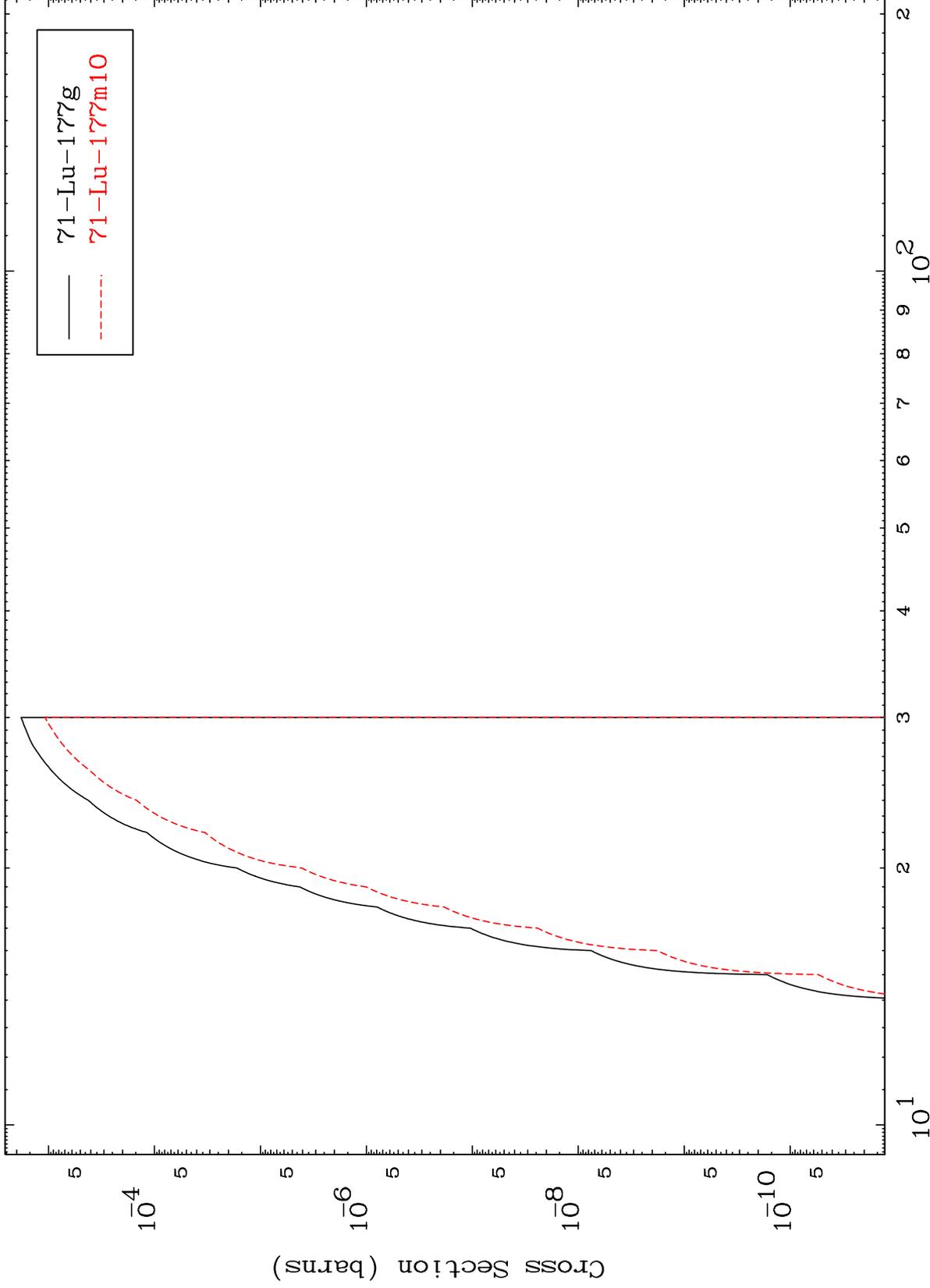
13

MAT 7043

(α, p)

70-Yb-174

Radionuclide Production Cross Section



14

Incident Energy (MeV)

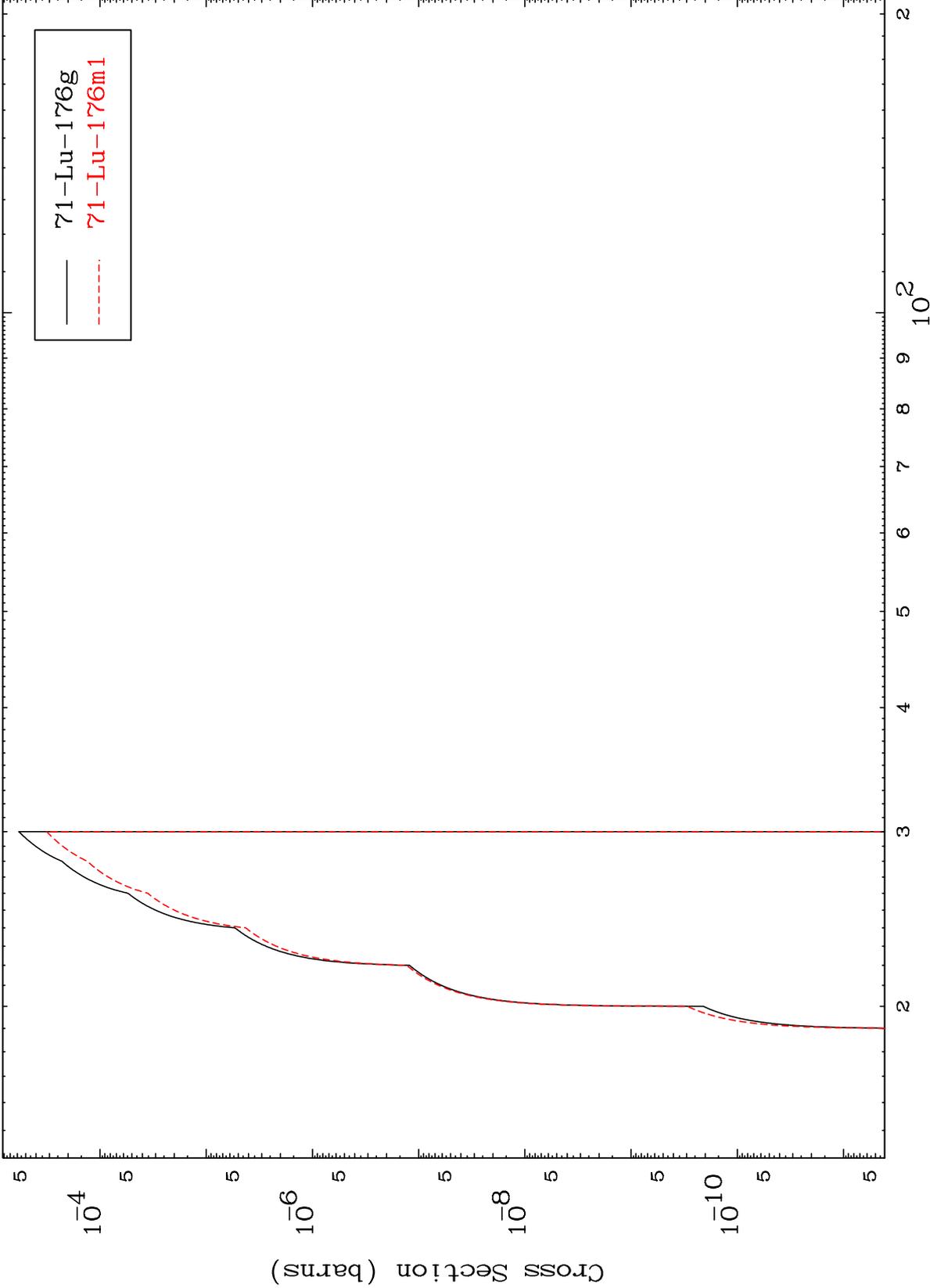
70-Yb-174

MAT 7043

(α, d)

70-Yb-174

Radionuclide Production Cross Section



15

Incident Energy (MeV)

70-Yb-174