

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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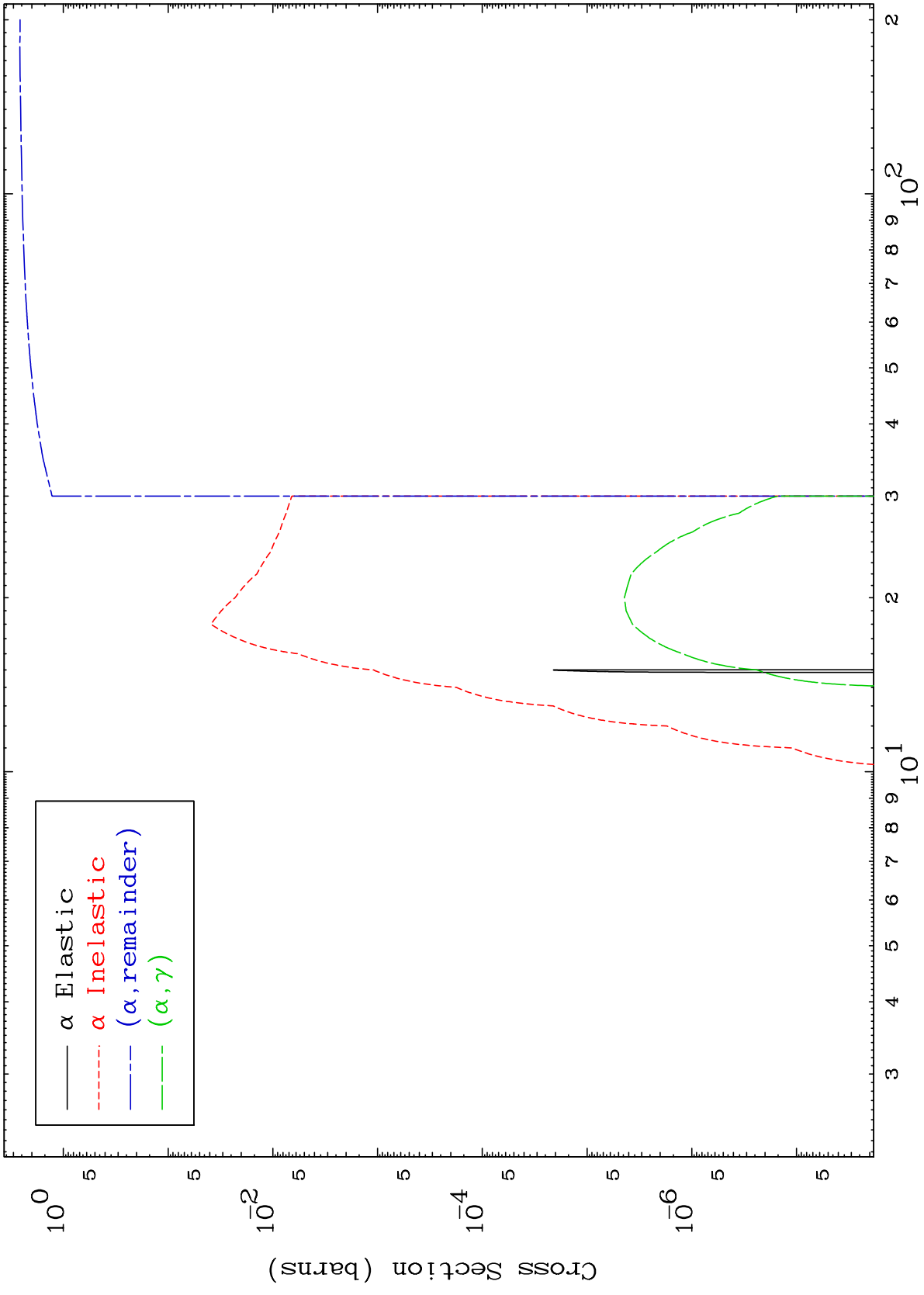
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7040

0 Kelvin α Major

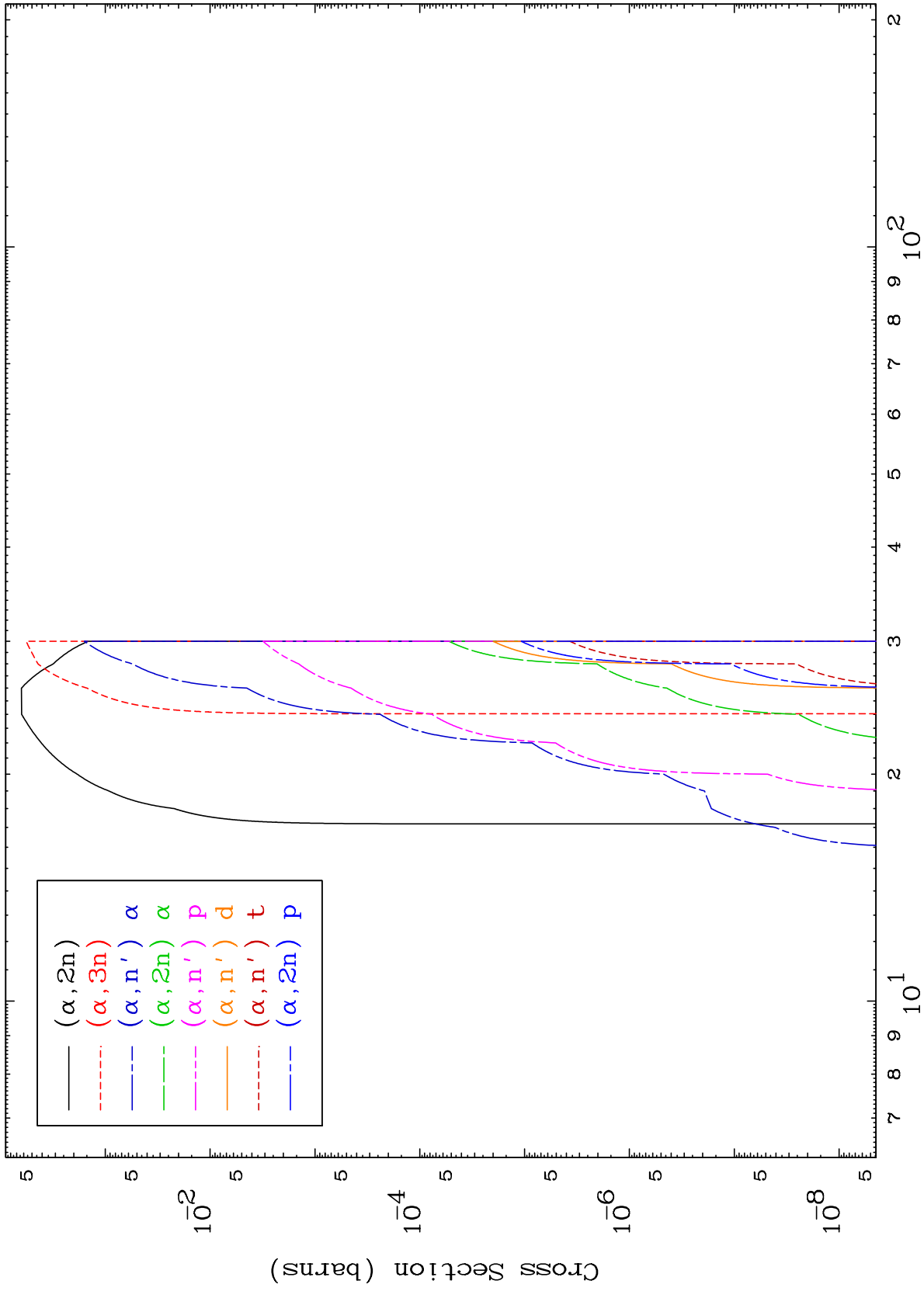
70-Yb-173



MAT 7040

α Neutron Production
0 Kelvin Cross Sections

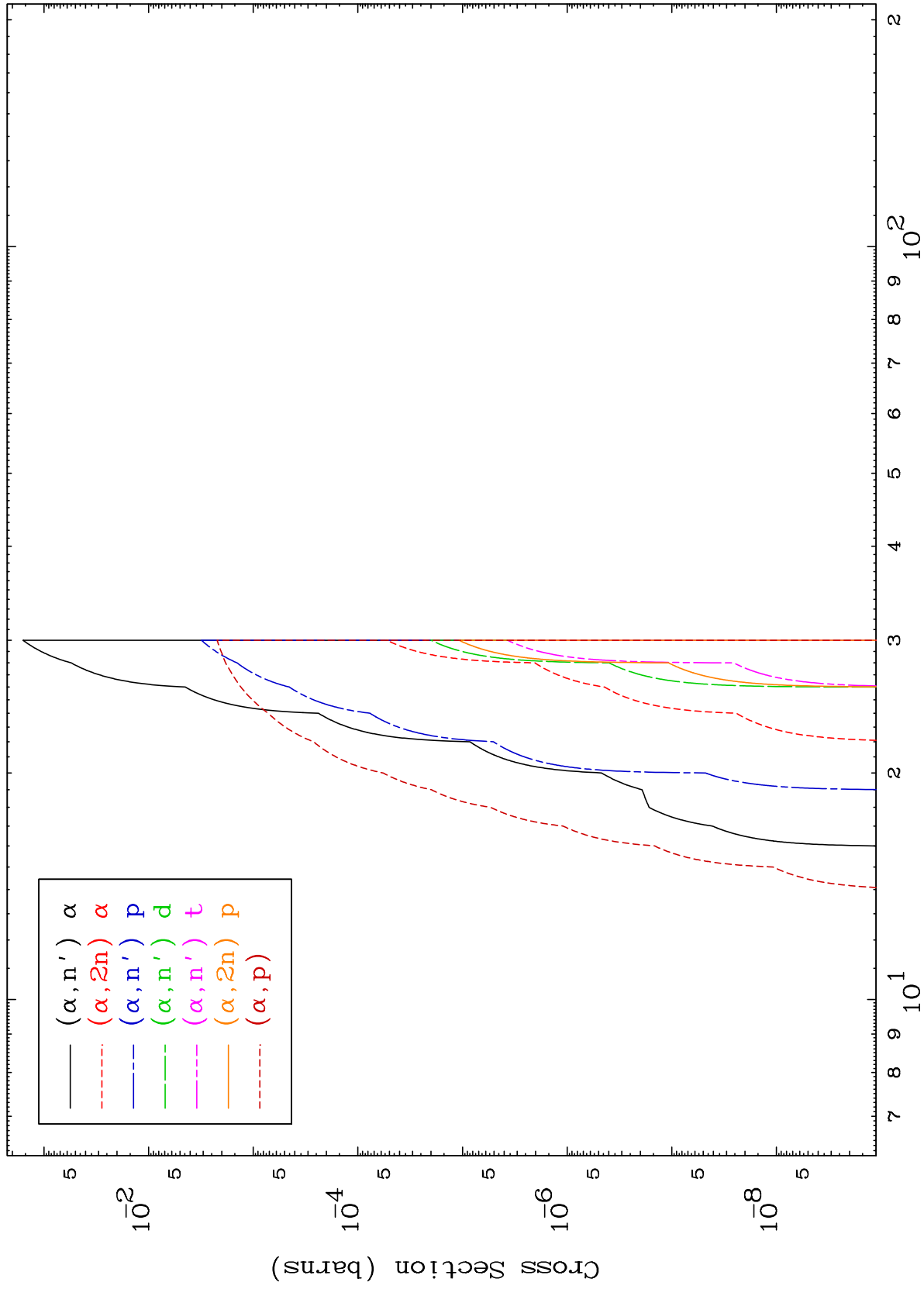
70-Yb-173



2

Incident Energy (MeV)

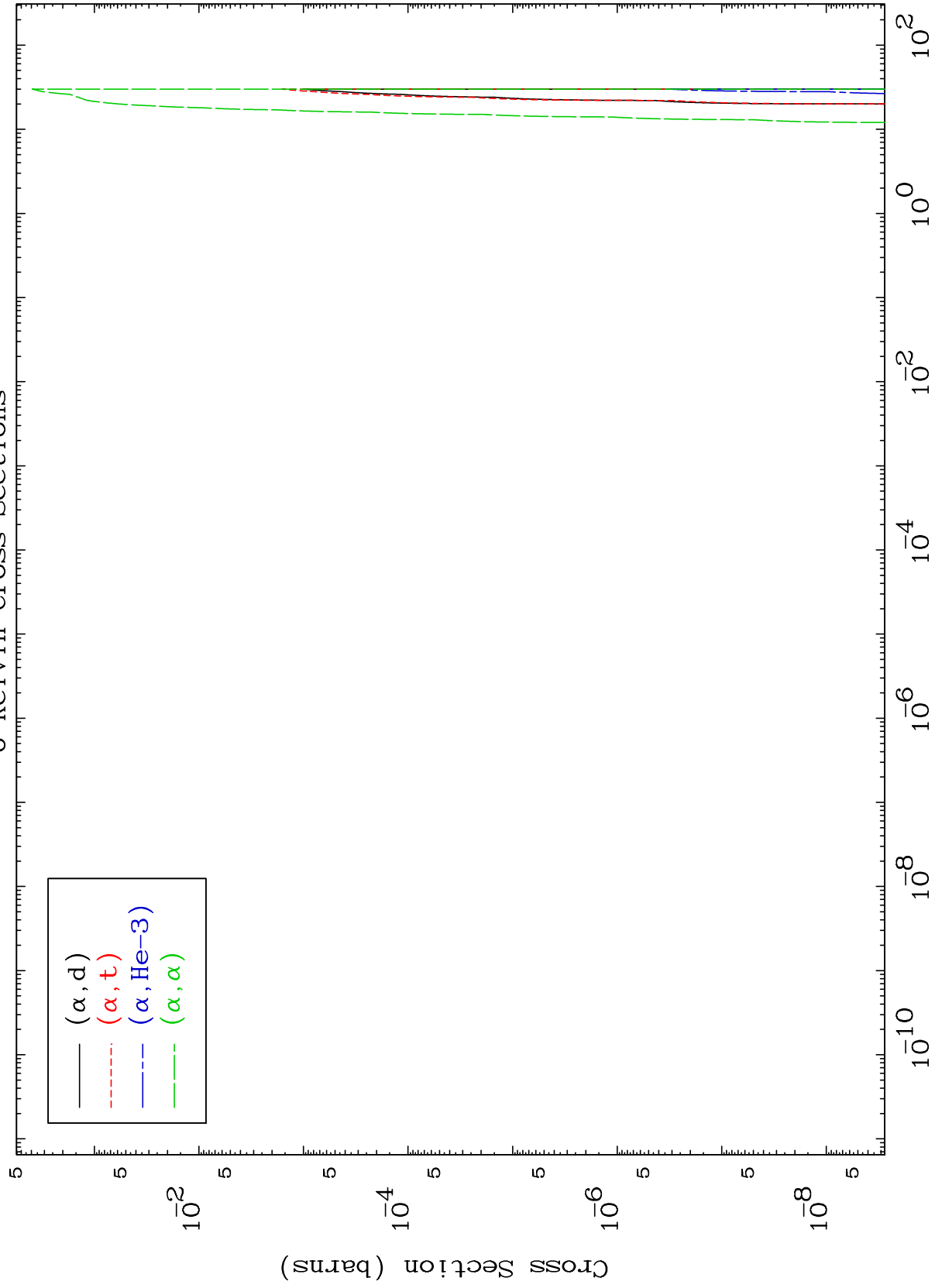
70-Yb-173



MAT 7040

α Charged Particle
0 Kelvin Cross Sections

70-Yb-173

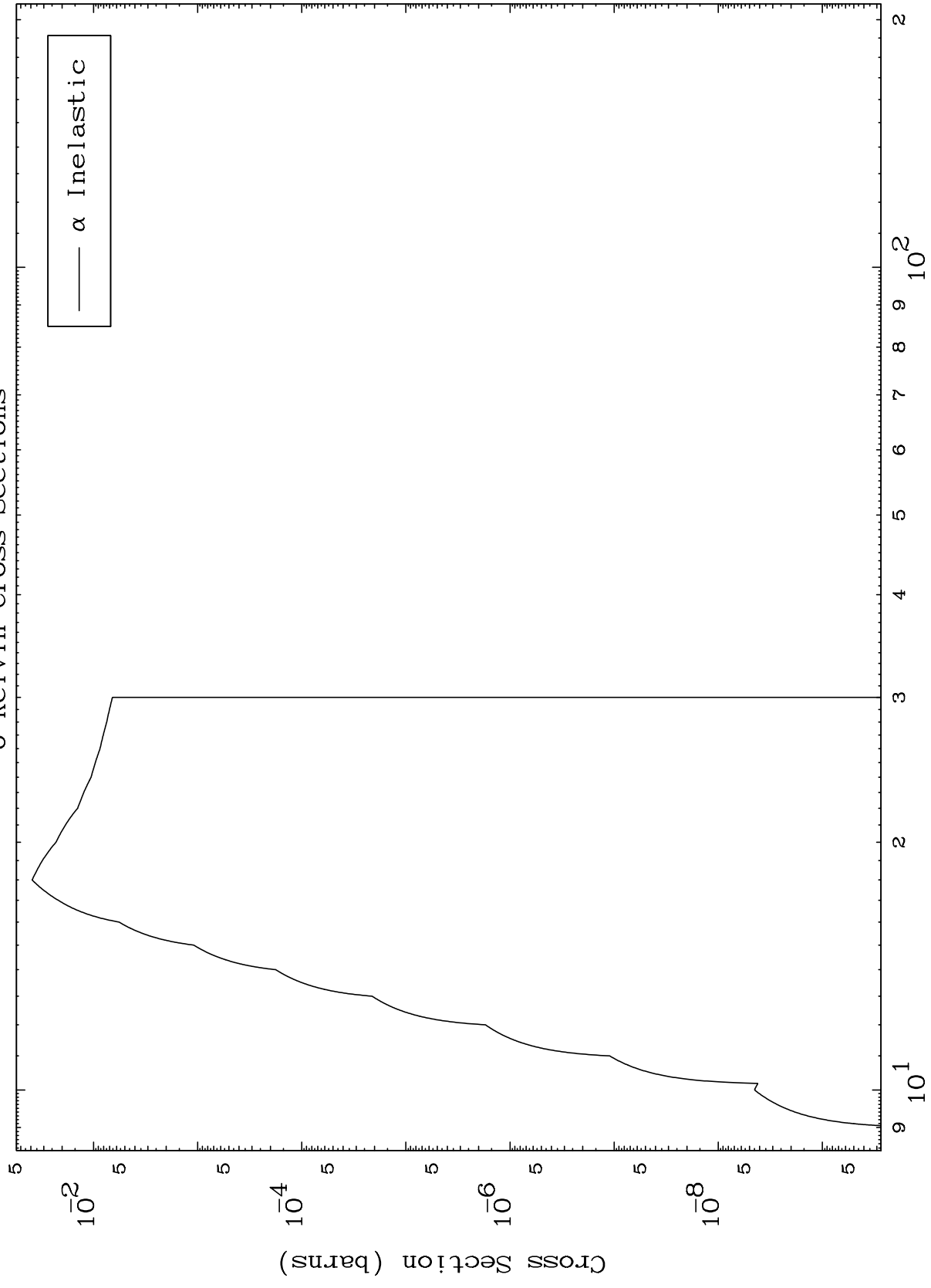


70-Yb-173

MAT 7040

(α, n') Level
0 Kelvin Cross Sections

70-Yb-173



5

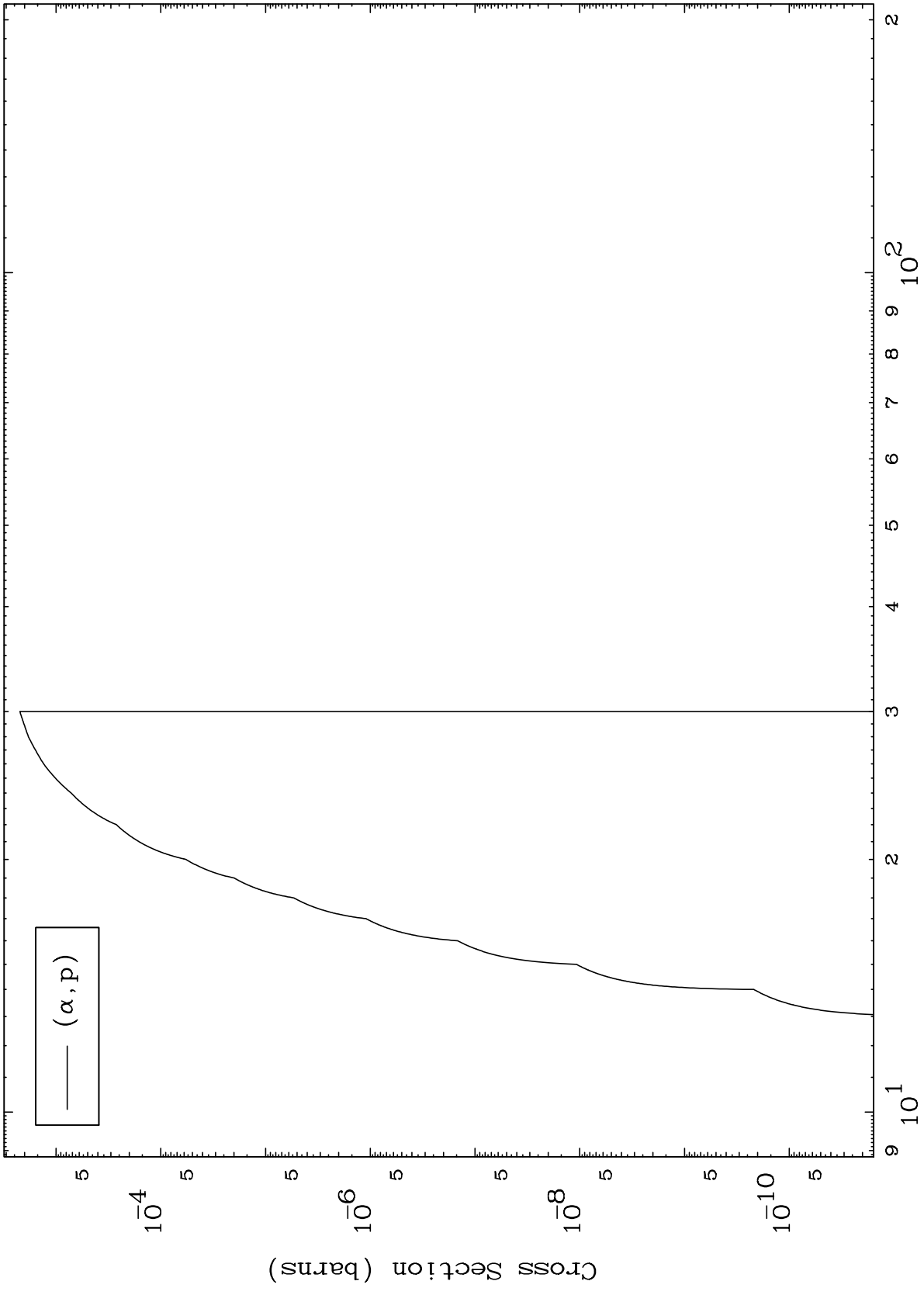
Incident Energy (MeV)

70-Yb-173

MAT 7040

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-173



70-Yb-173

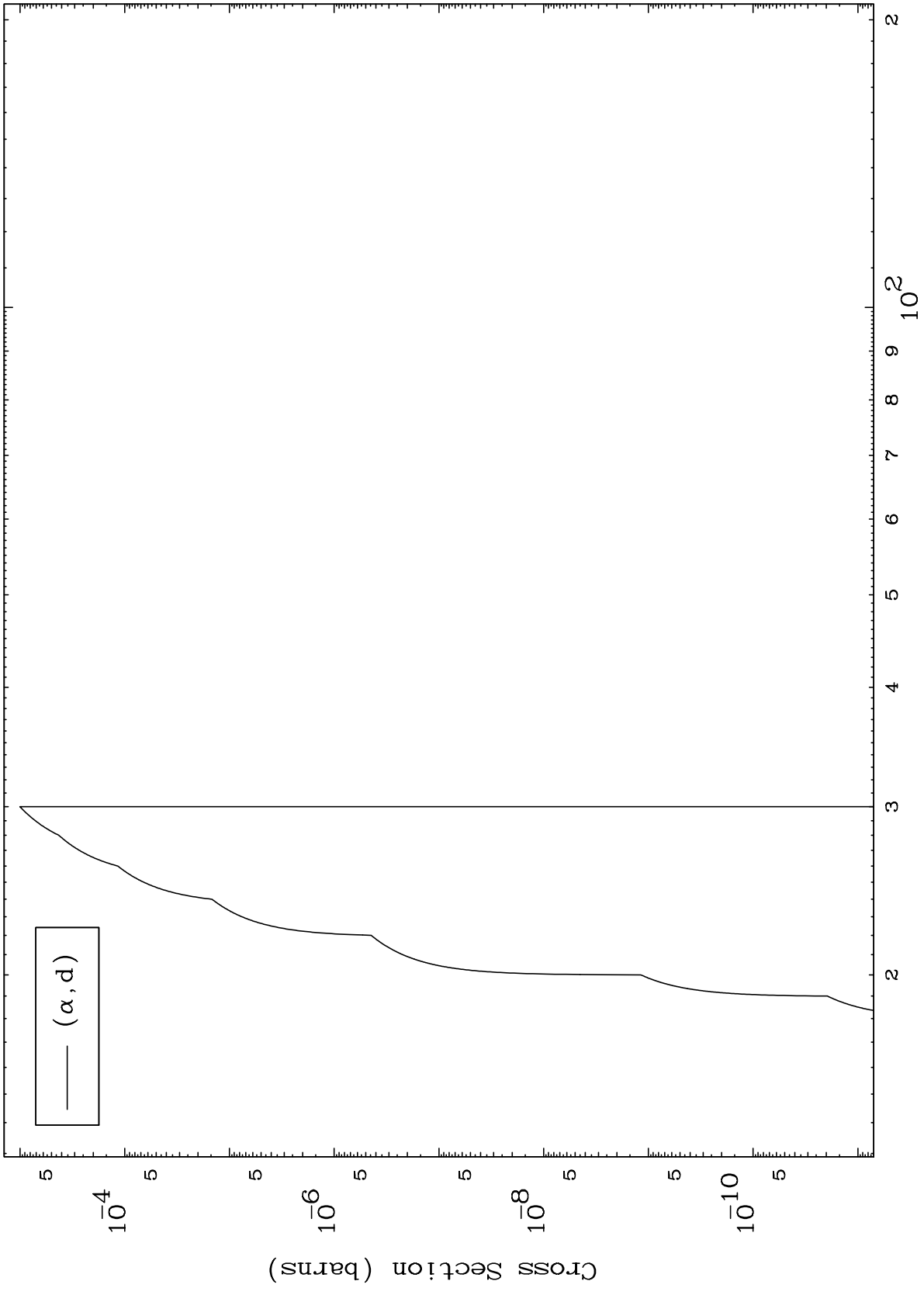
Incident Energy (MeV)

6

MAT 7040

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-173



7

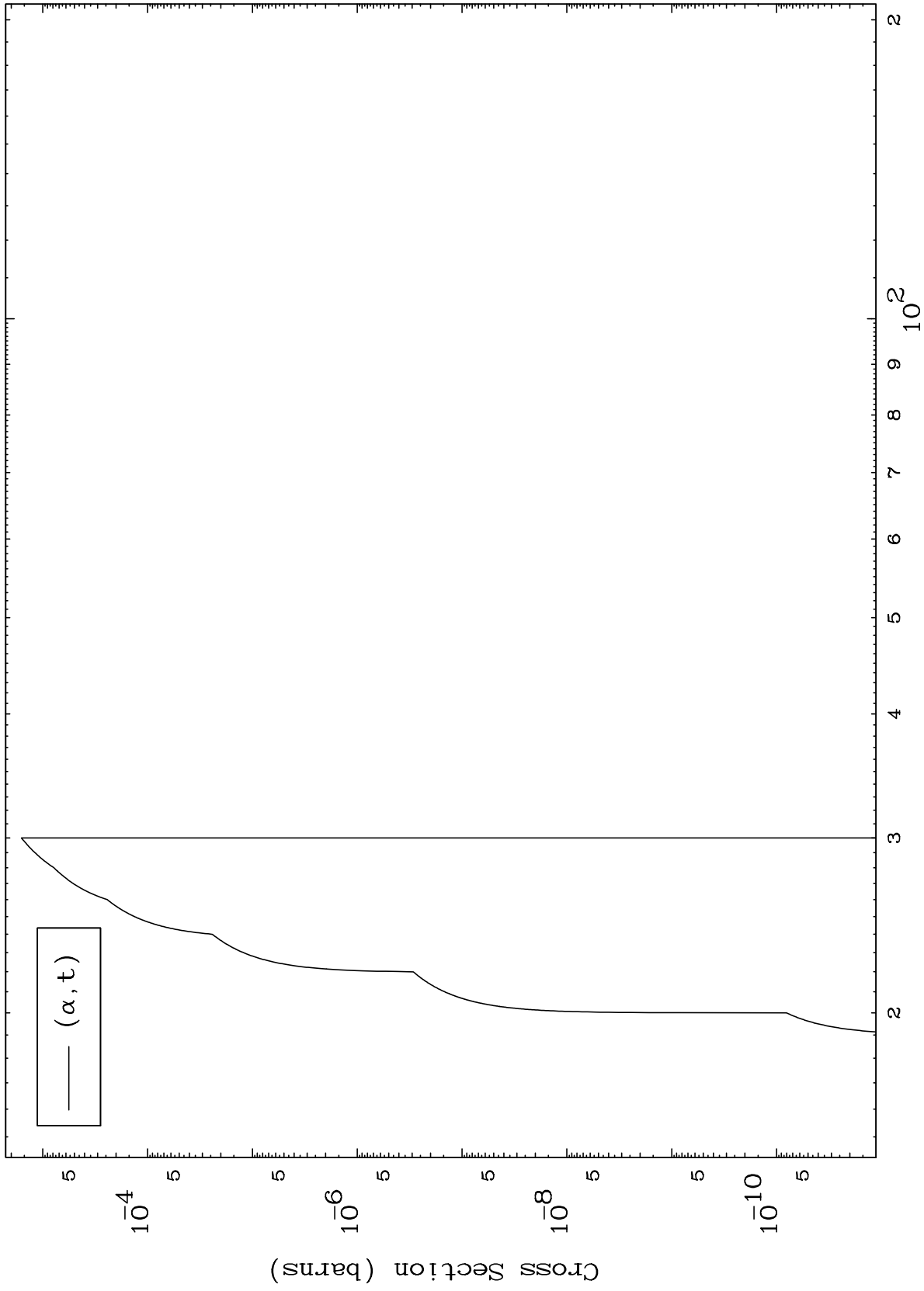
Incident Energy (MeV)

70-Yb-173

MAT 7040

(α, t) Levels
0 Kelvin Cross Sections

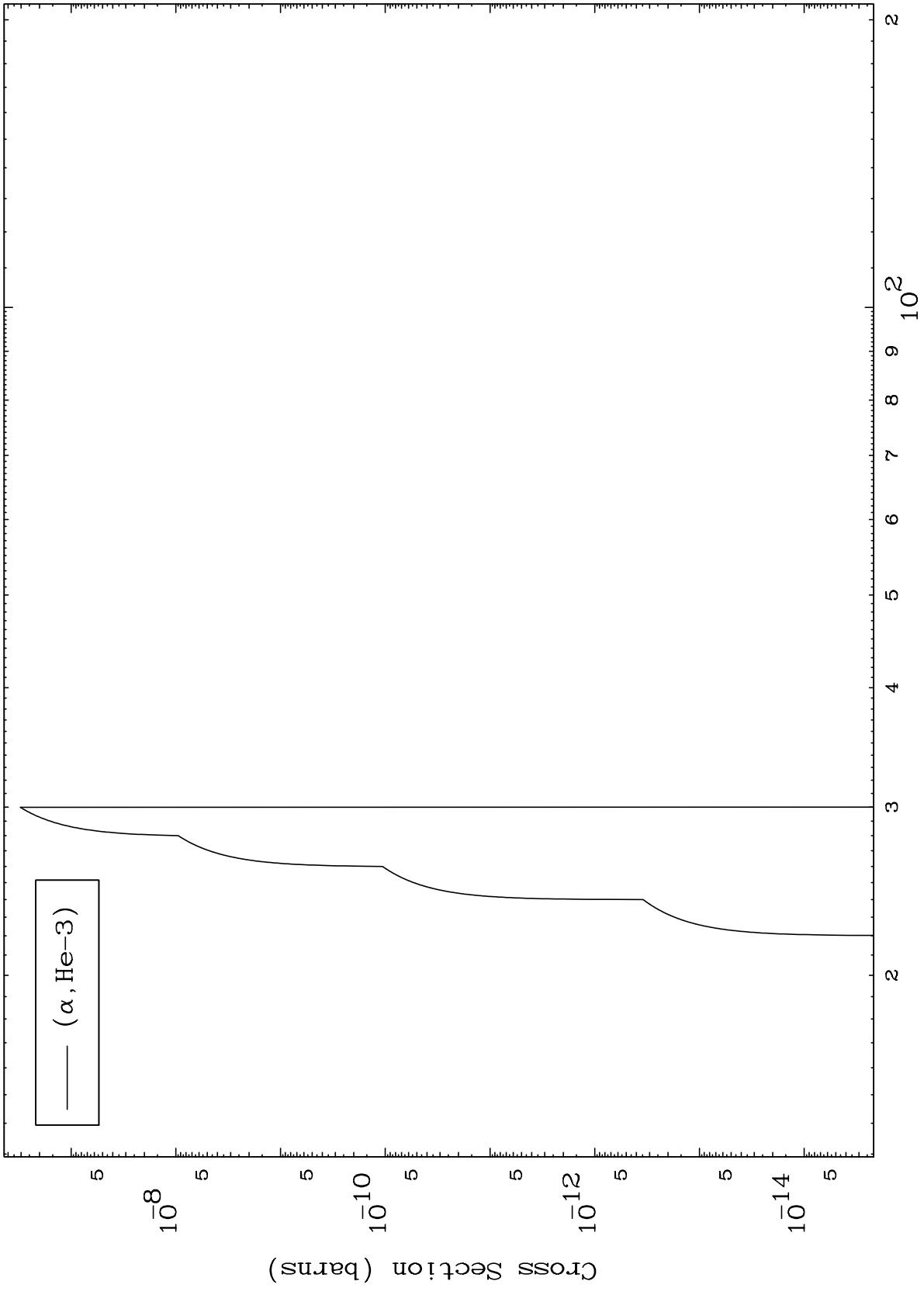
70-Yb-173



8

Incident Energy (MeV)

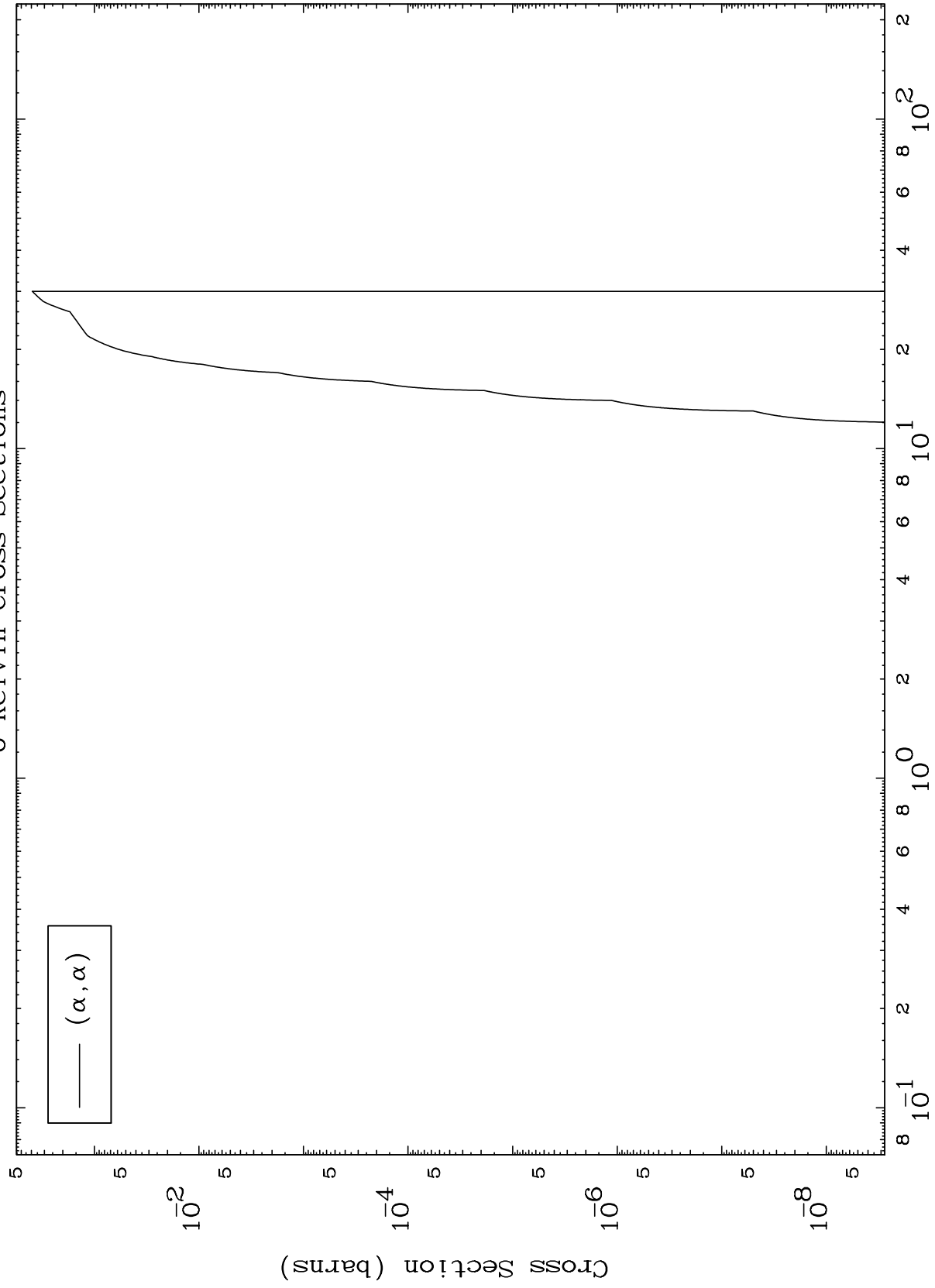
70-Yb-173



MAT 7040

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-173



10

Incident Energy (MeV)

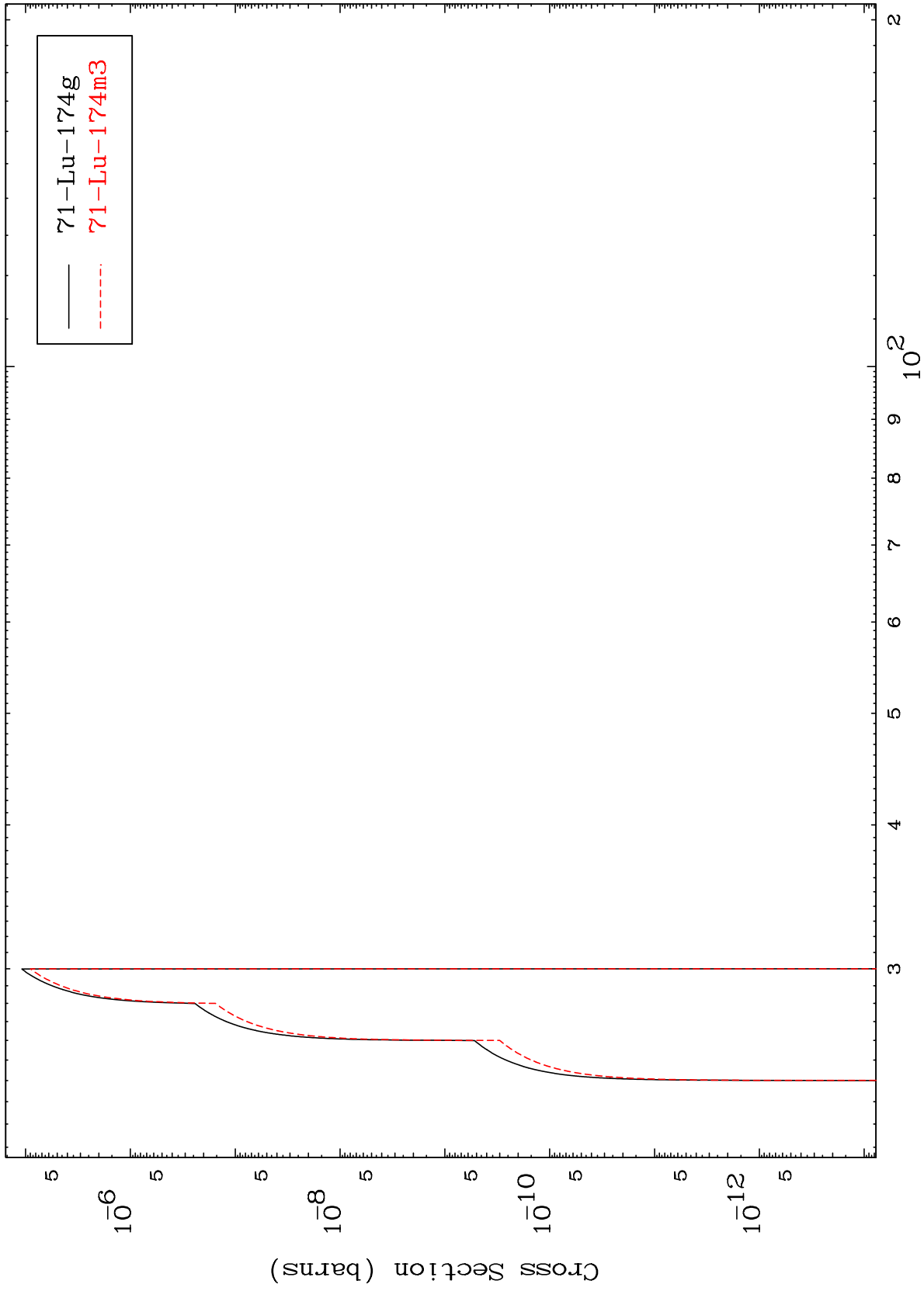
70-Yb-173

MAT 7040

(α, n') d

70-Yb-173

Radionuclide Production Cross Section



11

Incident Energy (MeV)

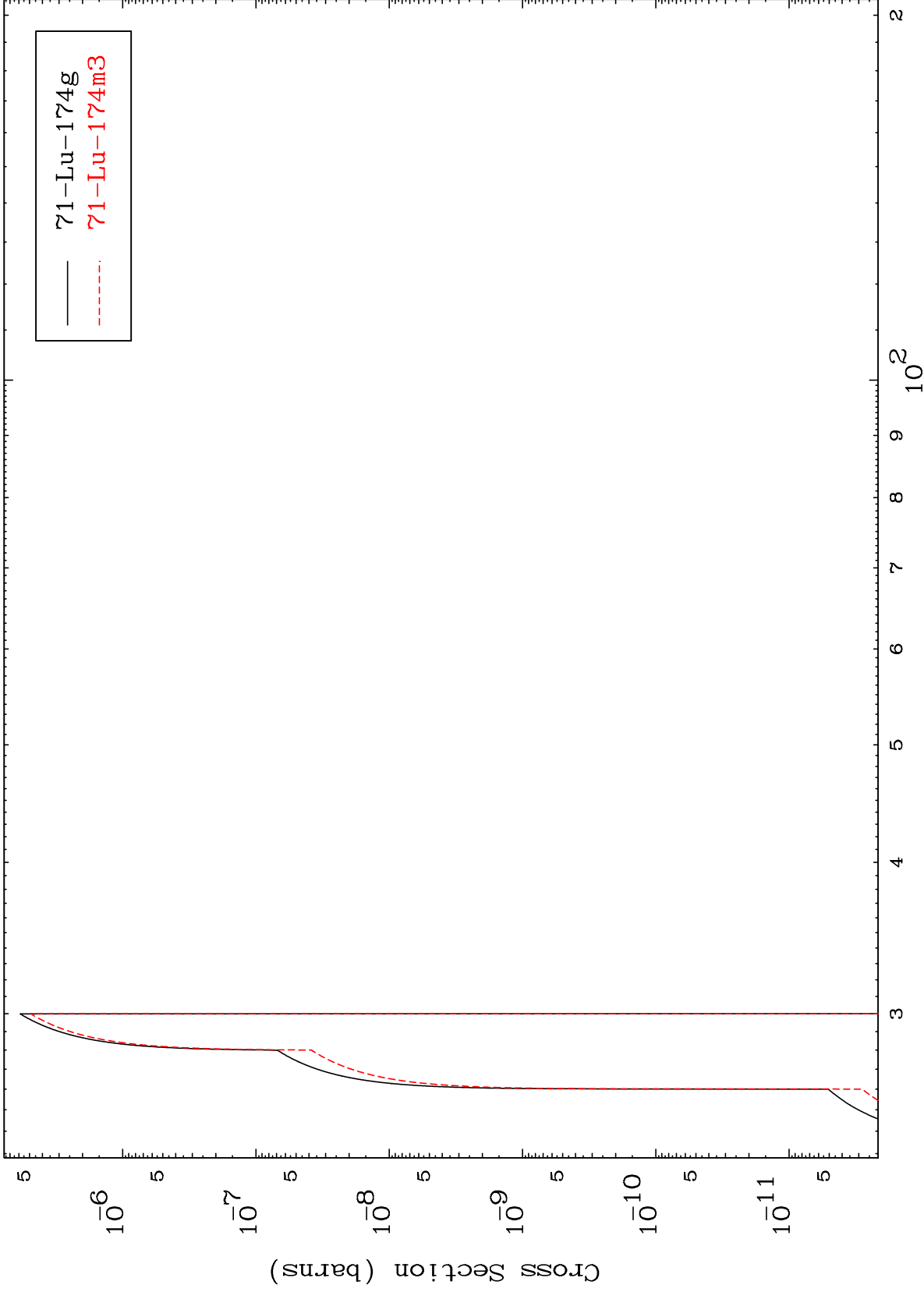
70-Yb-173

MAT 7040

($\alpha, 2n$) p

70-Yb-173

Radionuclide Production Cross Section



12

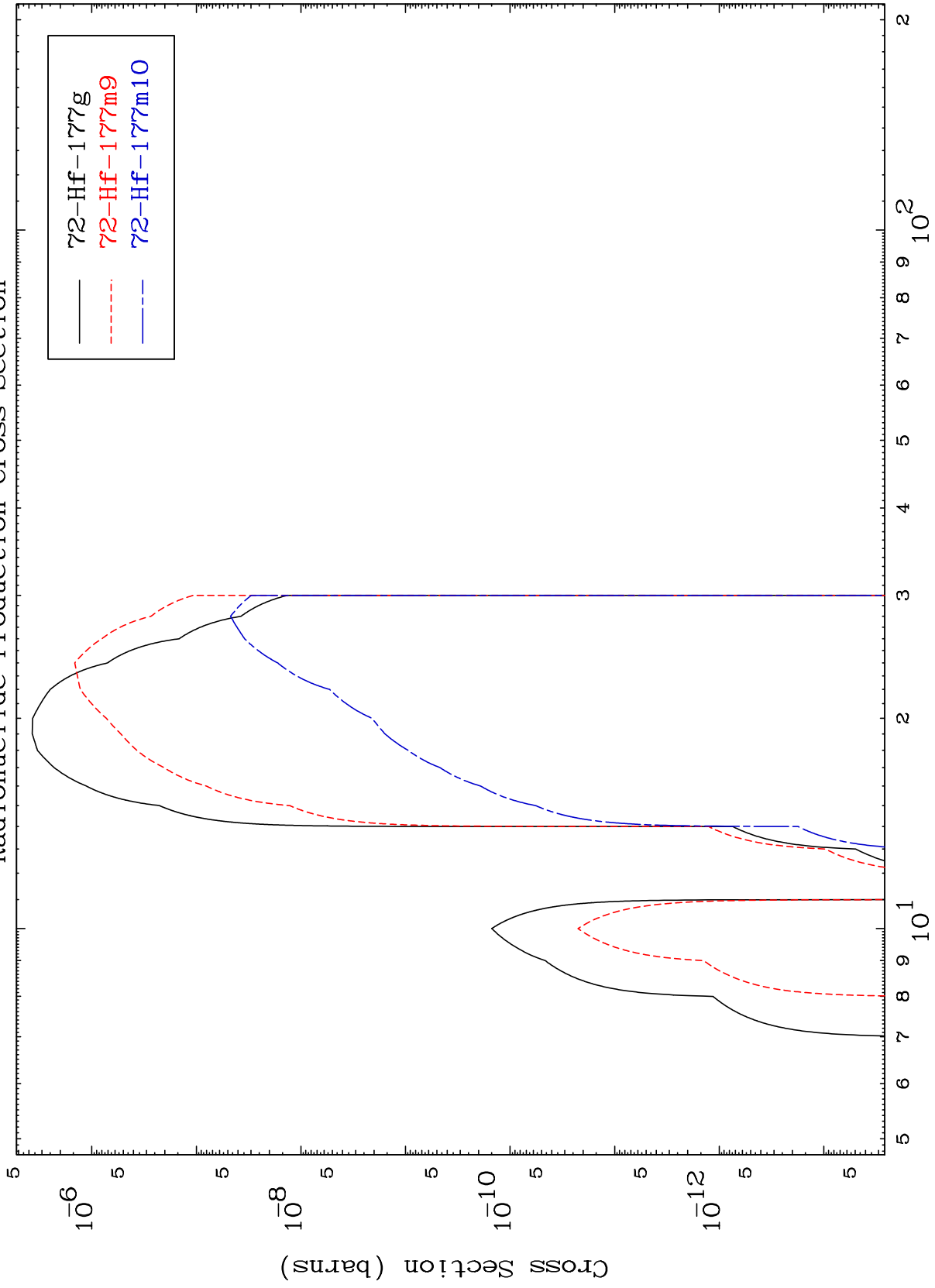
Incident Energy (MeV)

70-Yb-173

MAT 7040

70-Yb-173

Radionuclide Production Cross Section
(α, γ)



13

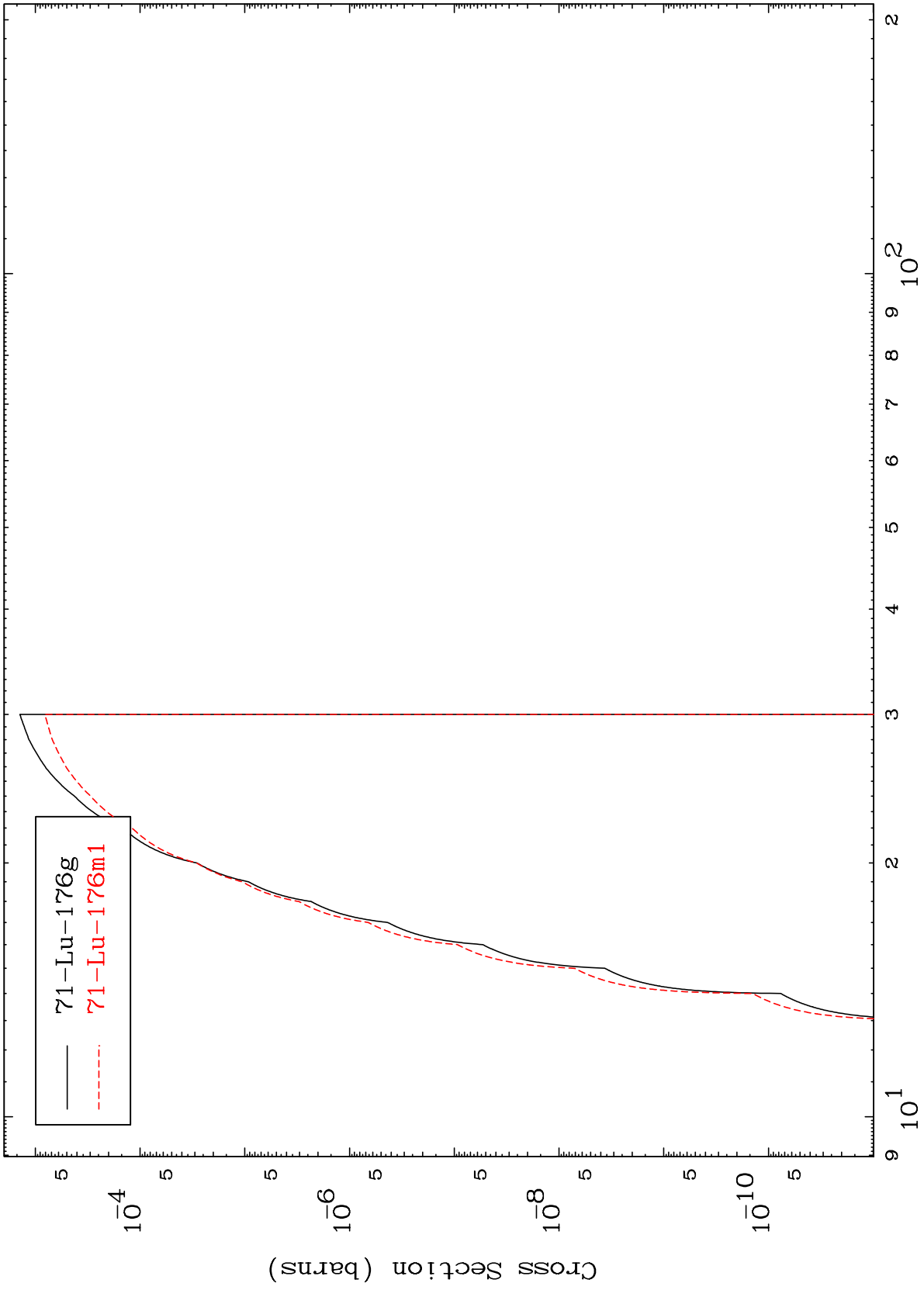
Incident Energy (MeV)

70-Yb-173

MAT 7040

Radionuclide Production Cross Section
(α, p)

70-Yb-173



14

Incident Energy (MeV)

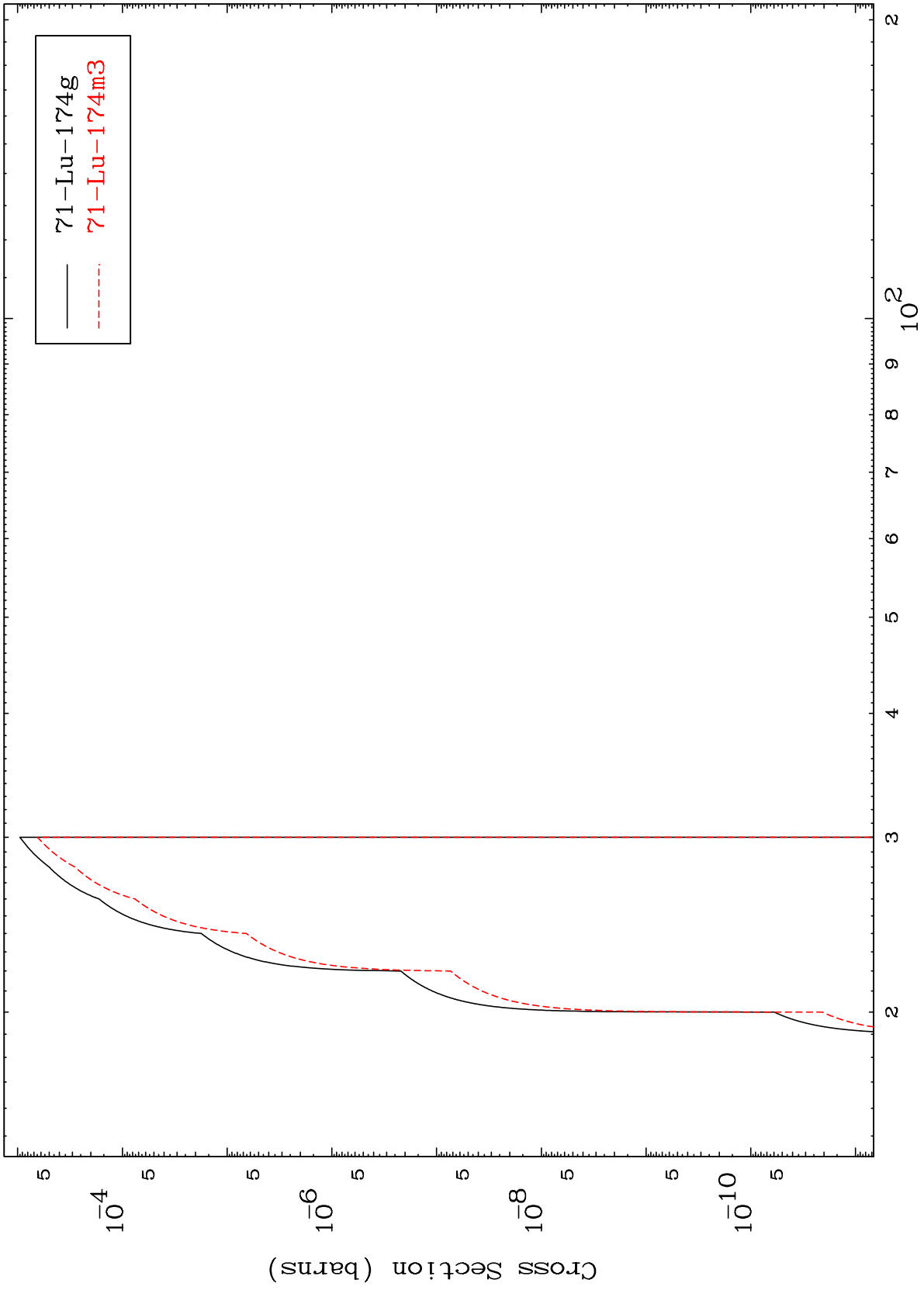
70-Yb-173

MAT 7040

(α, t)

⁷⁰Yb-173

Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷⁰Yb-173