

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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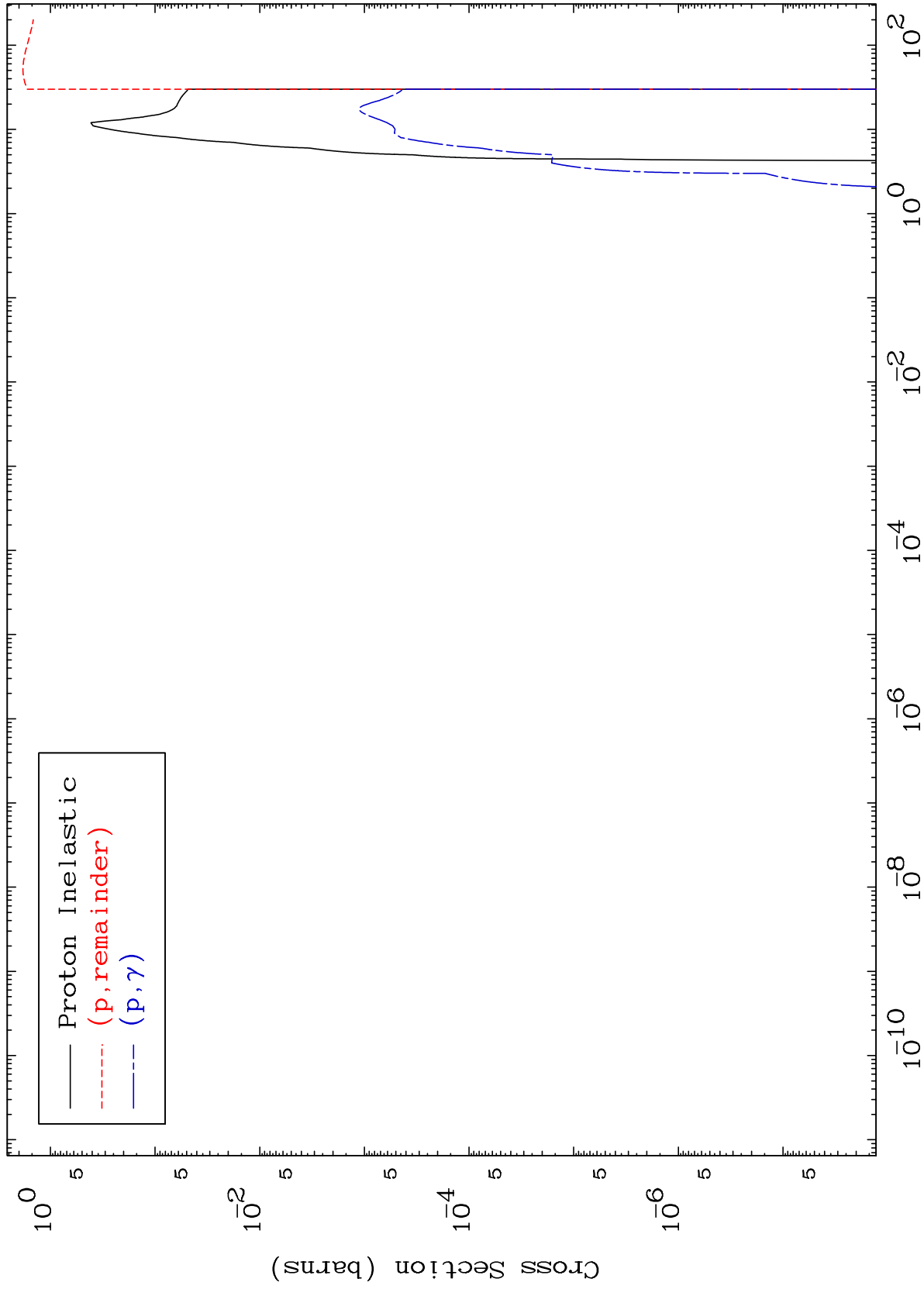
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7031

Proton Major
0 Kelvin Cross Sections

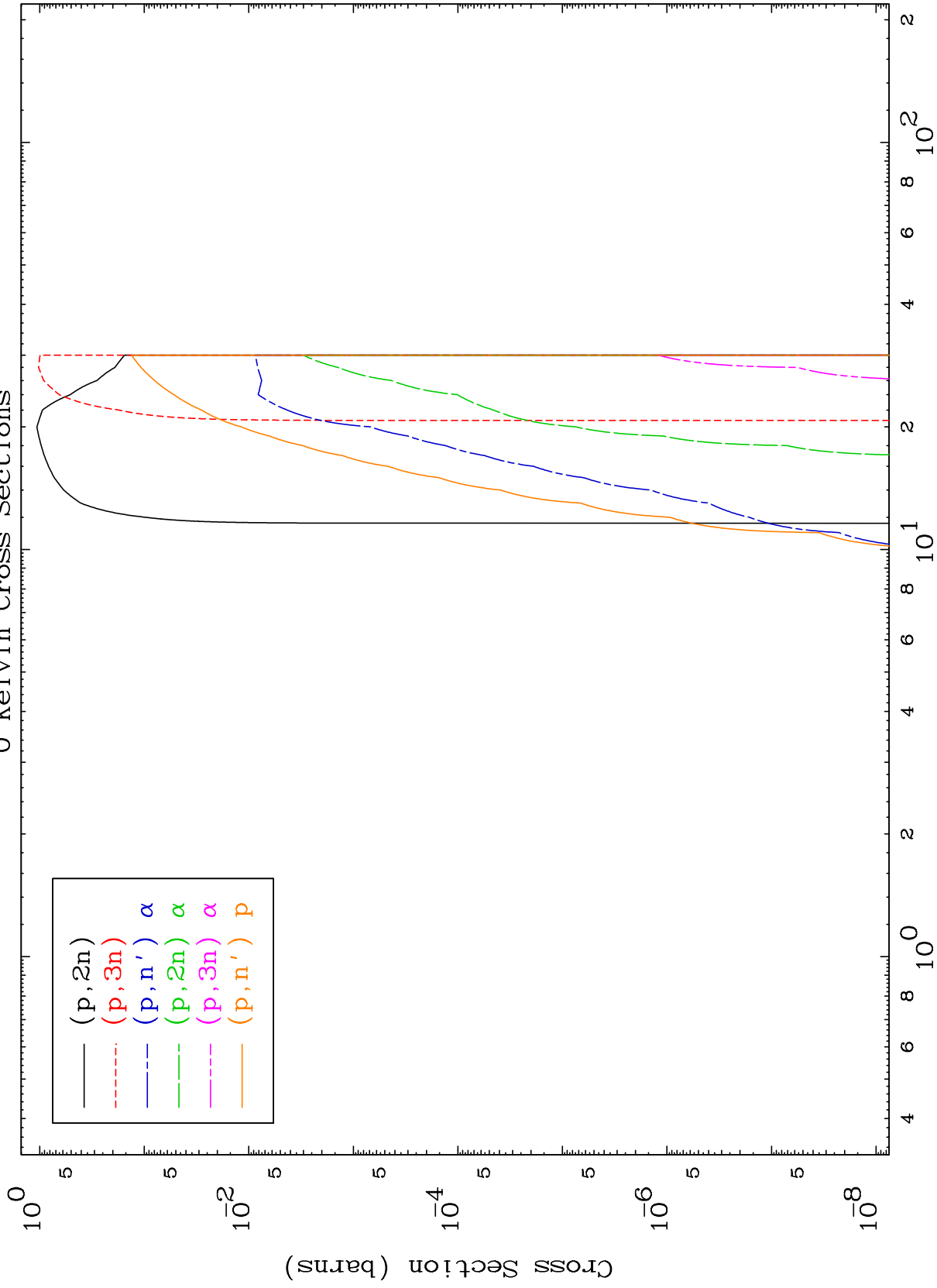
70-Yb-170



MAT 7031

Proton Neutron Production
0 Kelvin Cross Sections

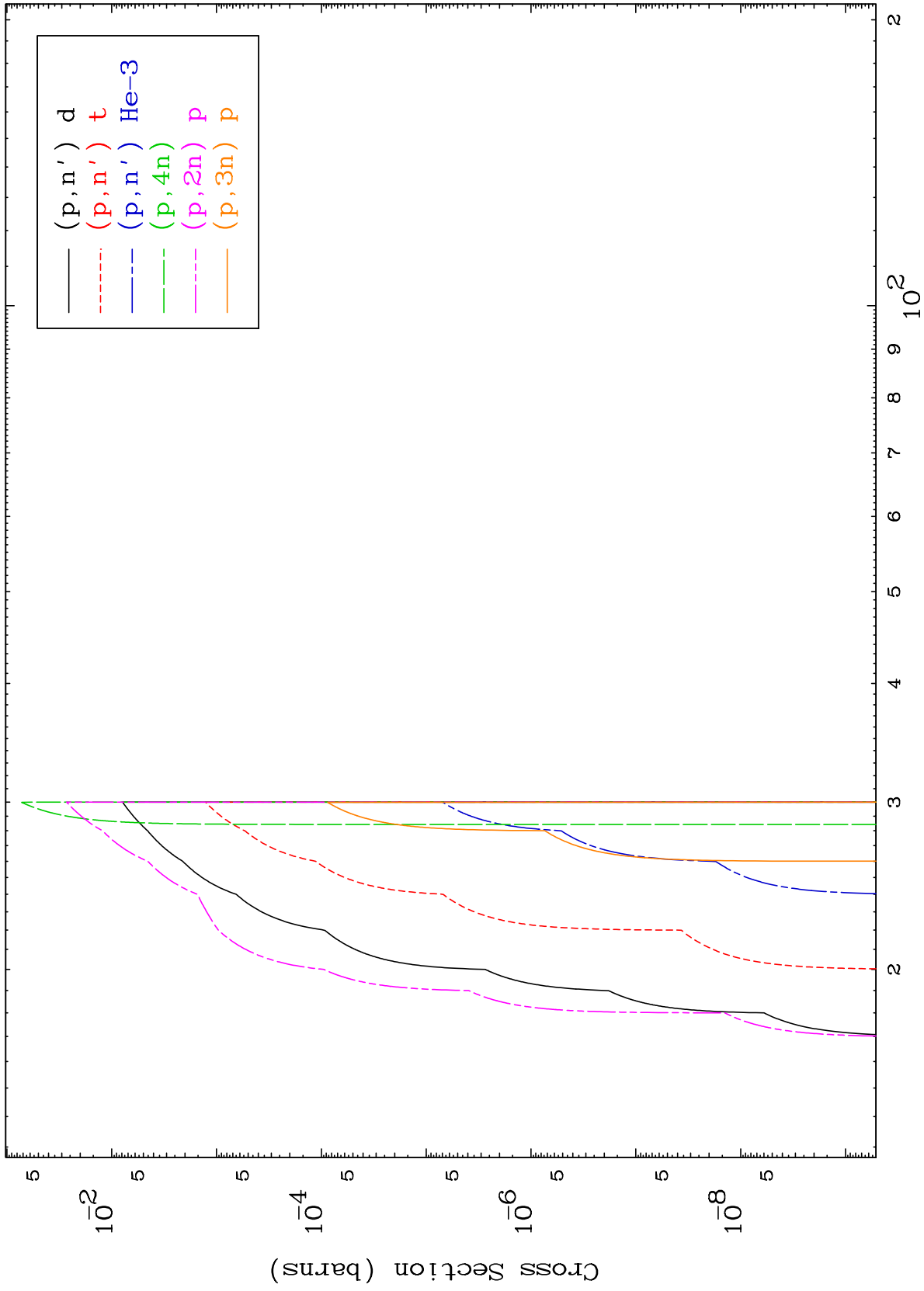
70-Yb-170



2

Incident Energy (MeV)

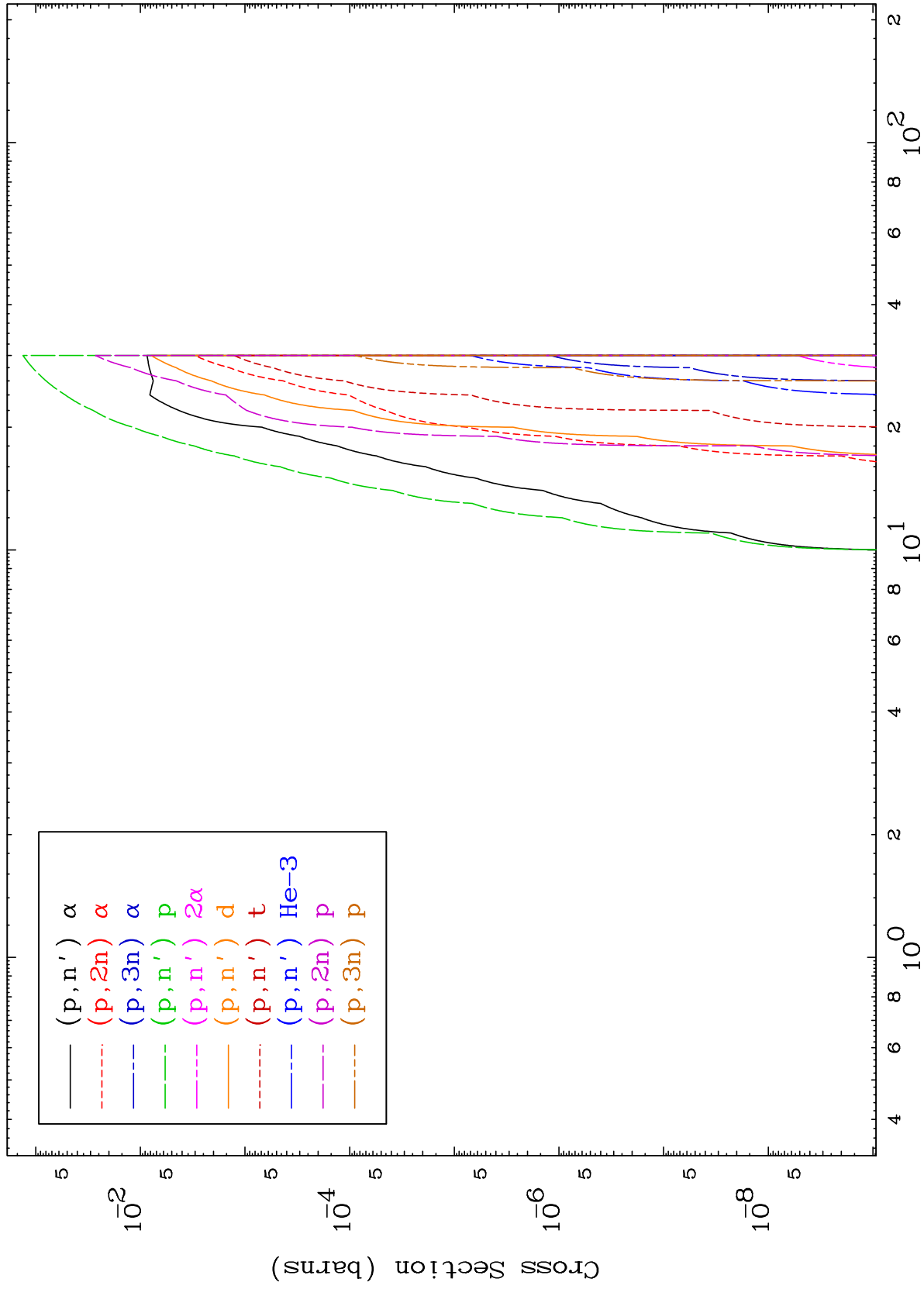
70-Yb-170



MAT 7031

Proton Charged Particle
0 Kelvin Cross Sections

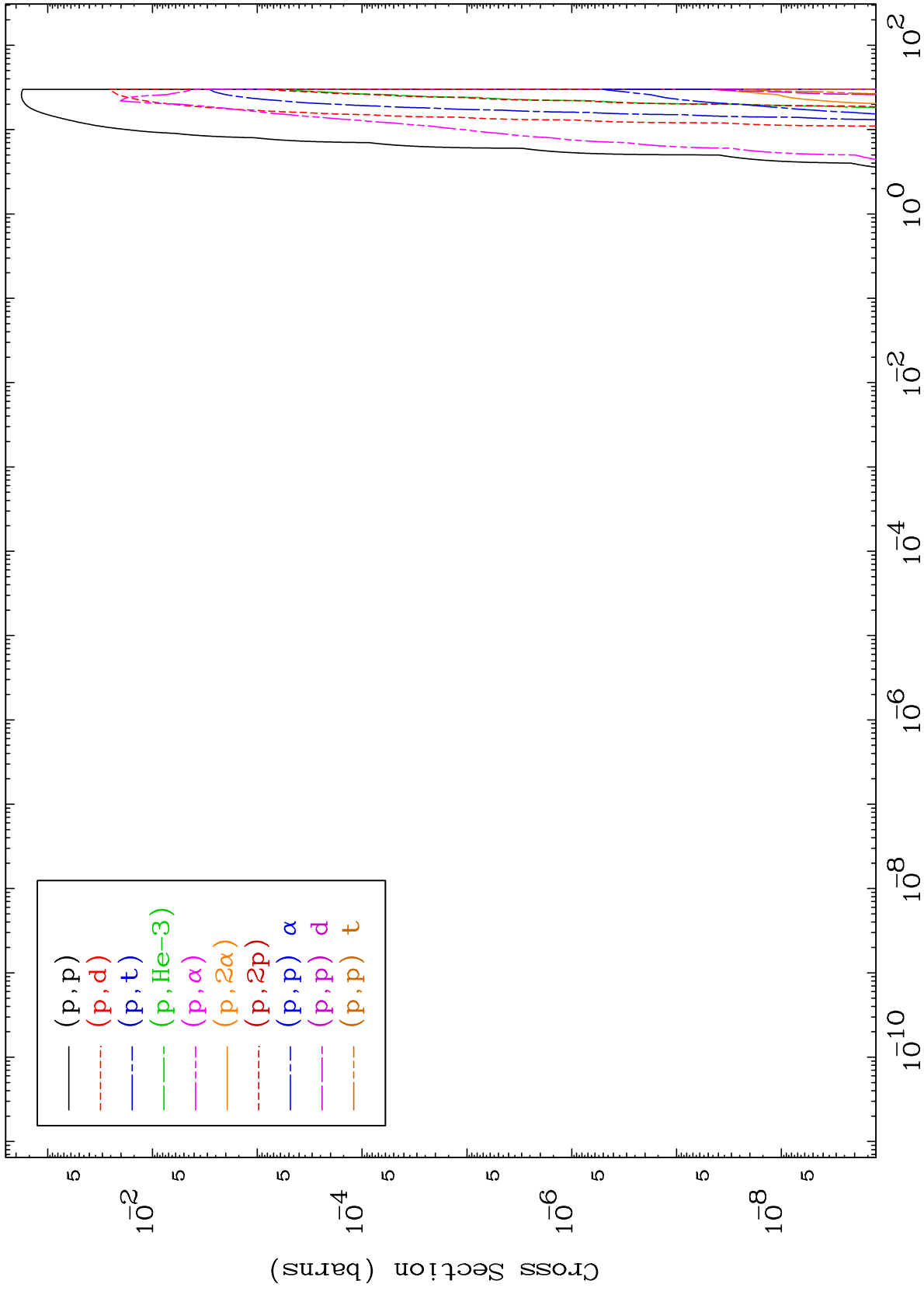
70-Yb-170



MAT 7031

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-170



5

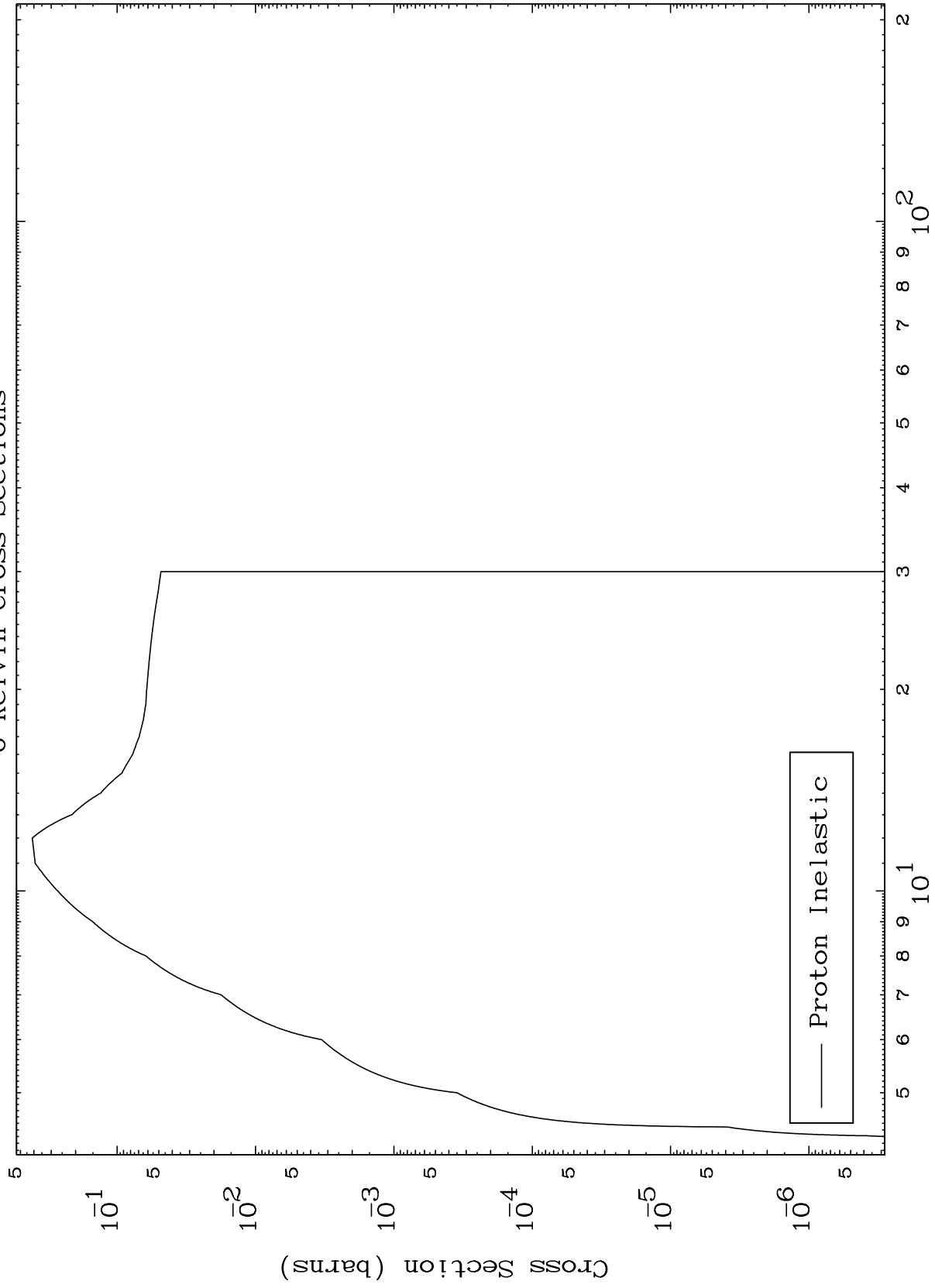
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,n') Level
0 Kelvin Cross Sections

70-Yb-170



— Proton Inelastic

6

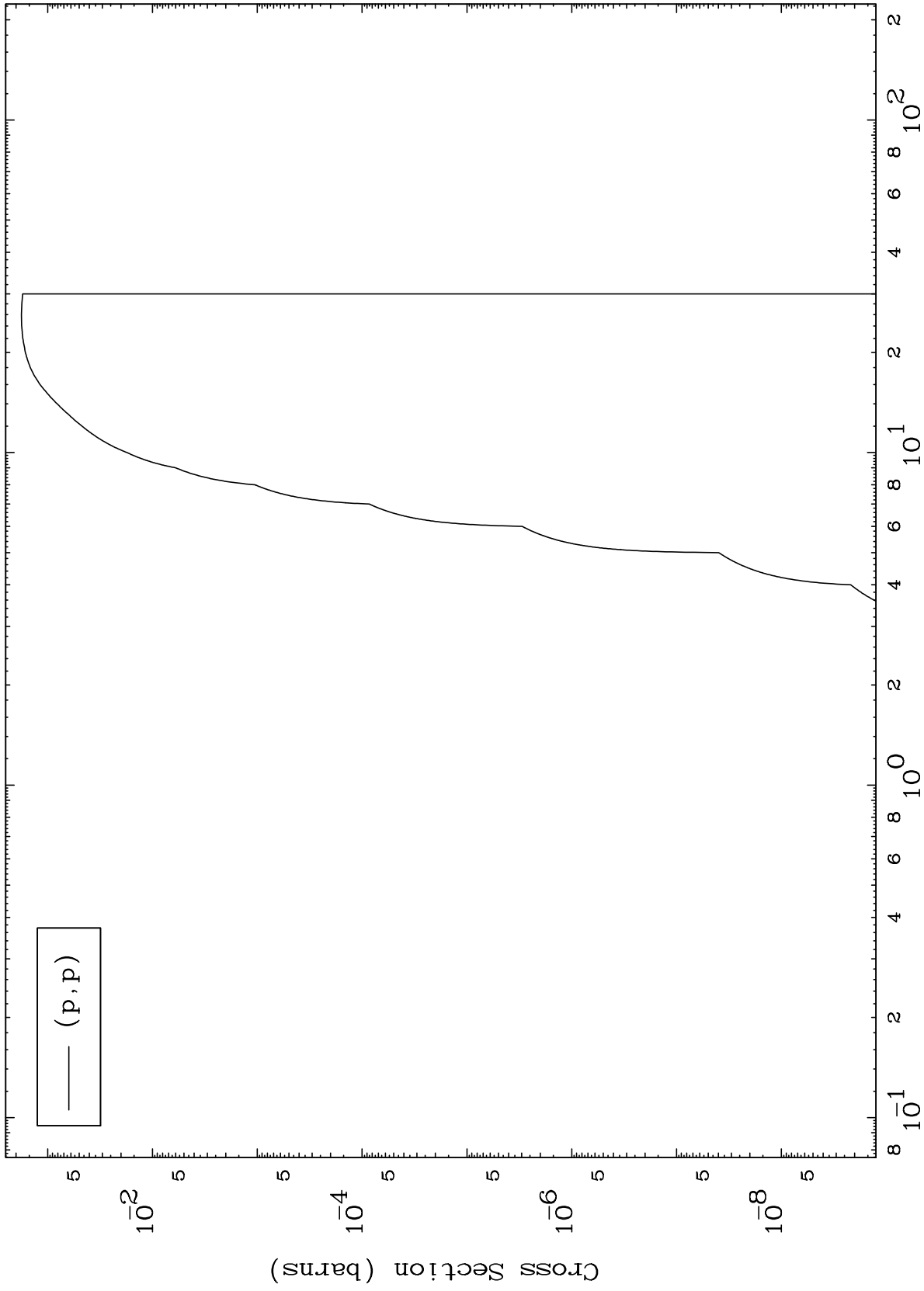
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,p) Levels
0 Kelvin Cross Sections

70-Yb-170



7

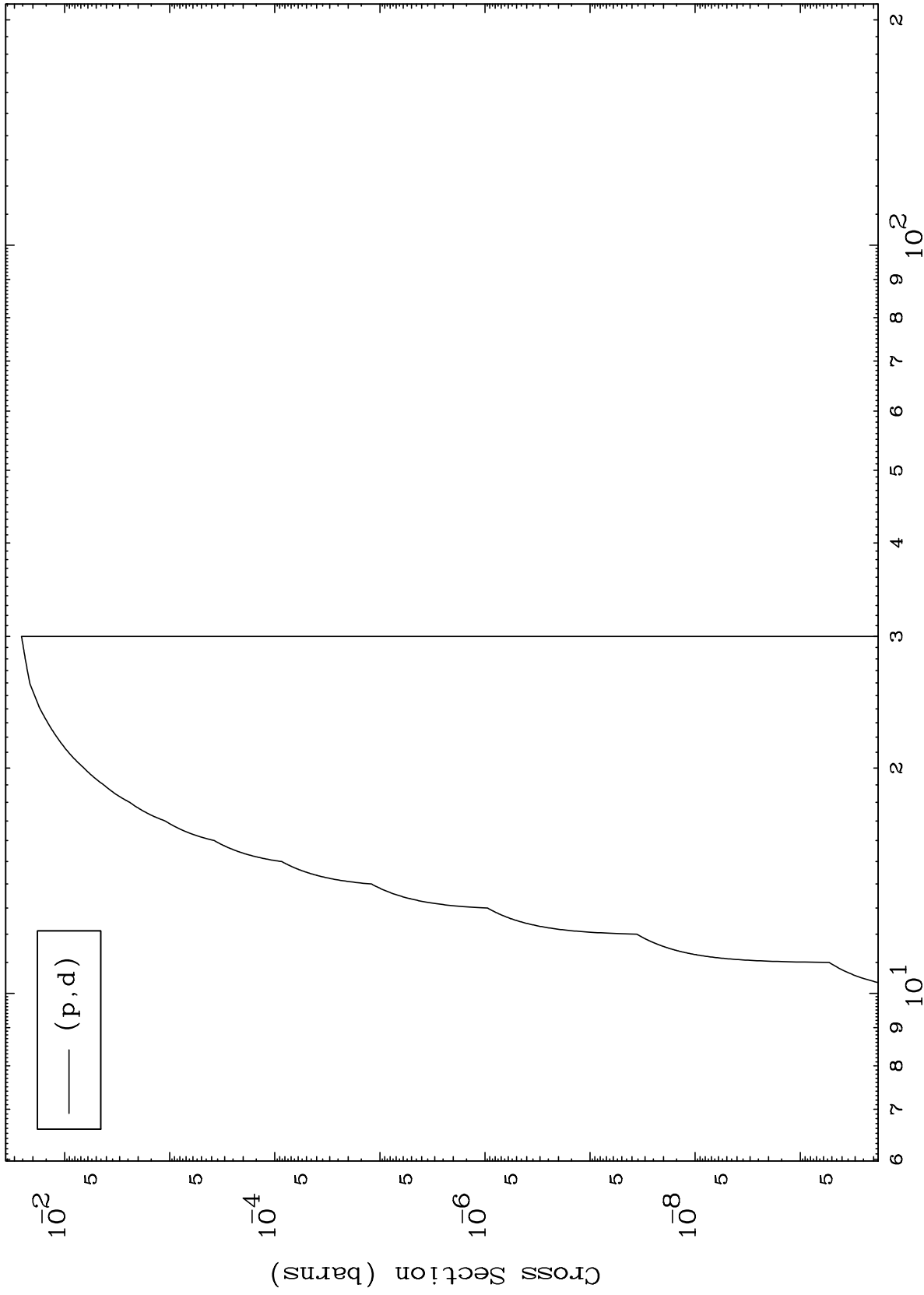
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,d) Levels
0 Kelvin Cross Sections

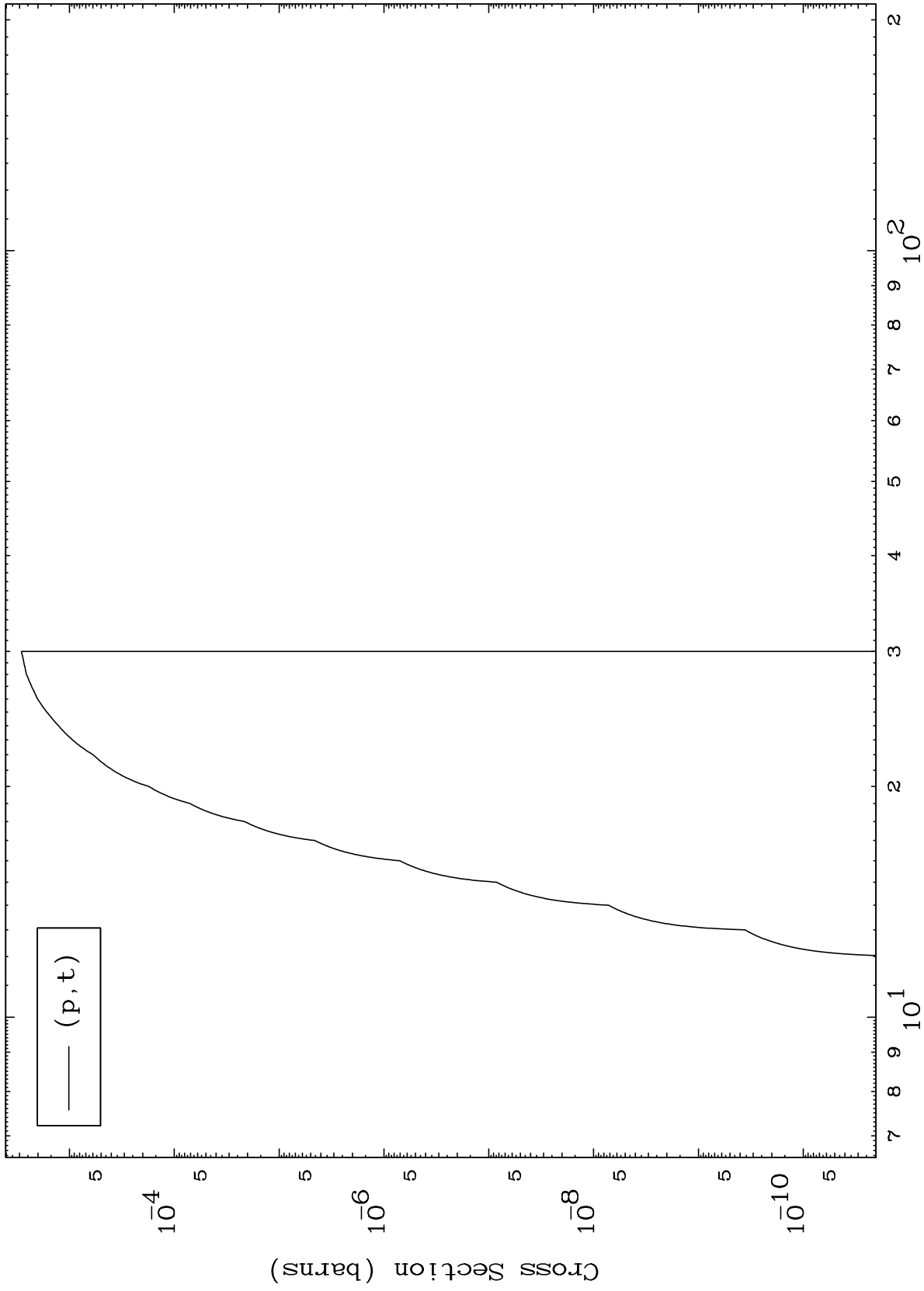
70-Yb-170



MAT 7031

(p,t) Levels
0 Kelvin Cross Sections

70-Yb-170



9

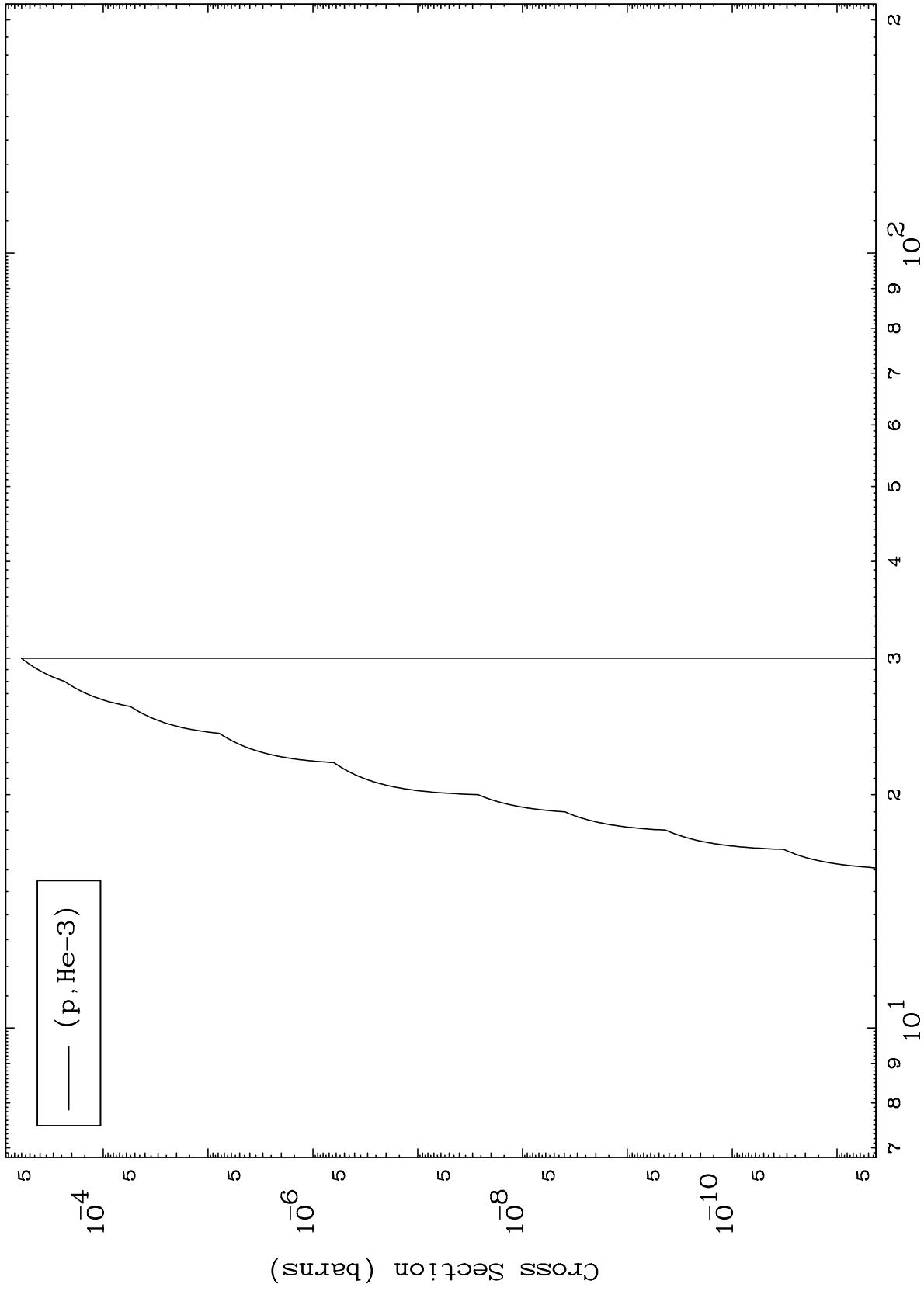
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-170



10

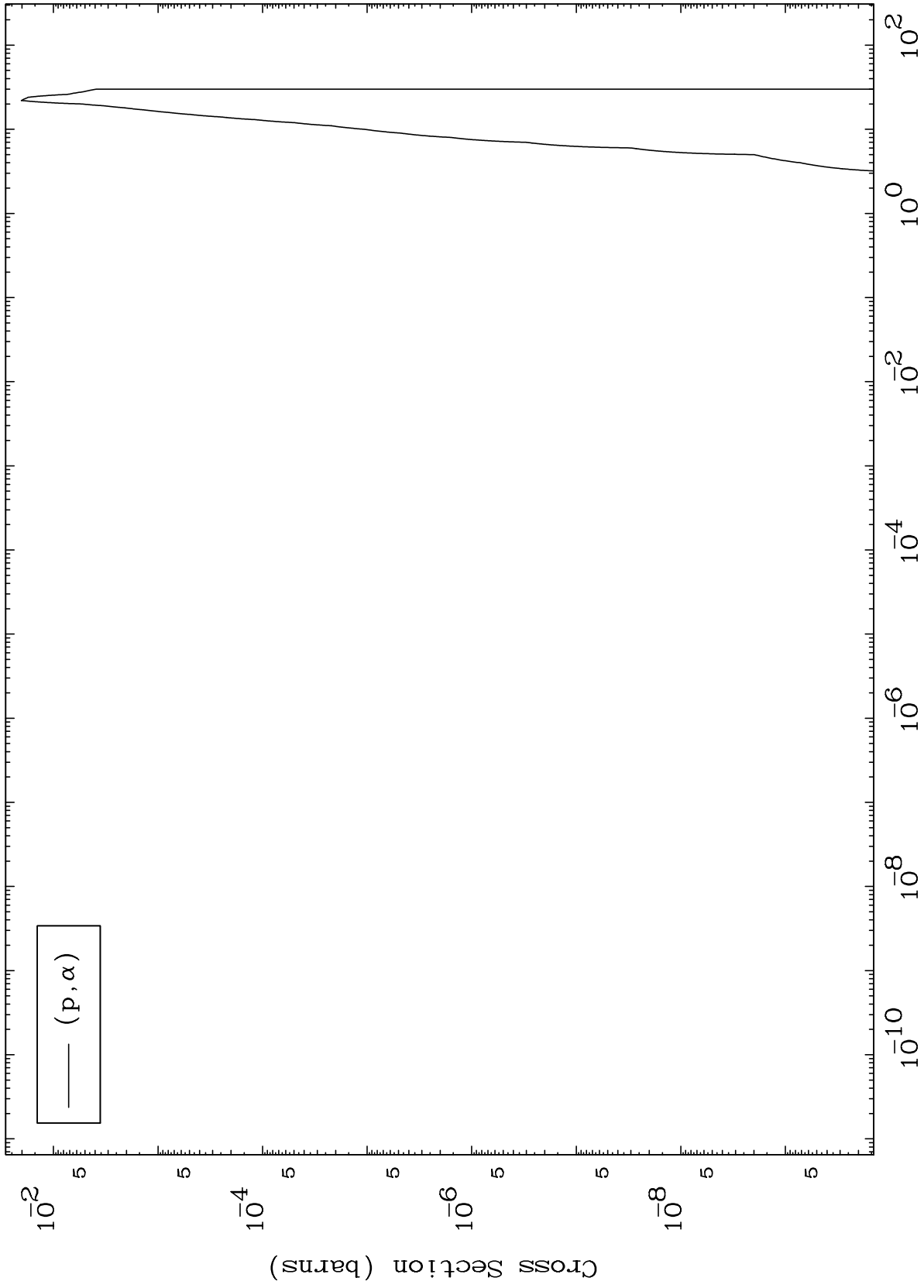
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,α) Levels
0 Kelvin Cross Sections

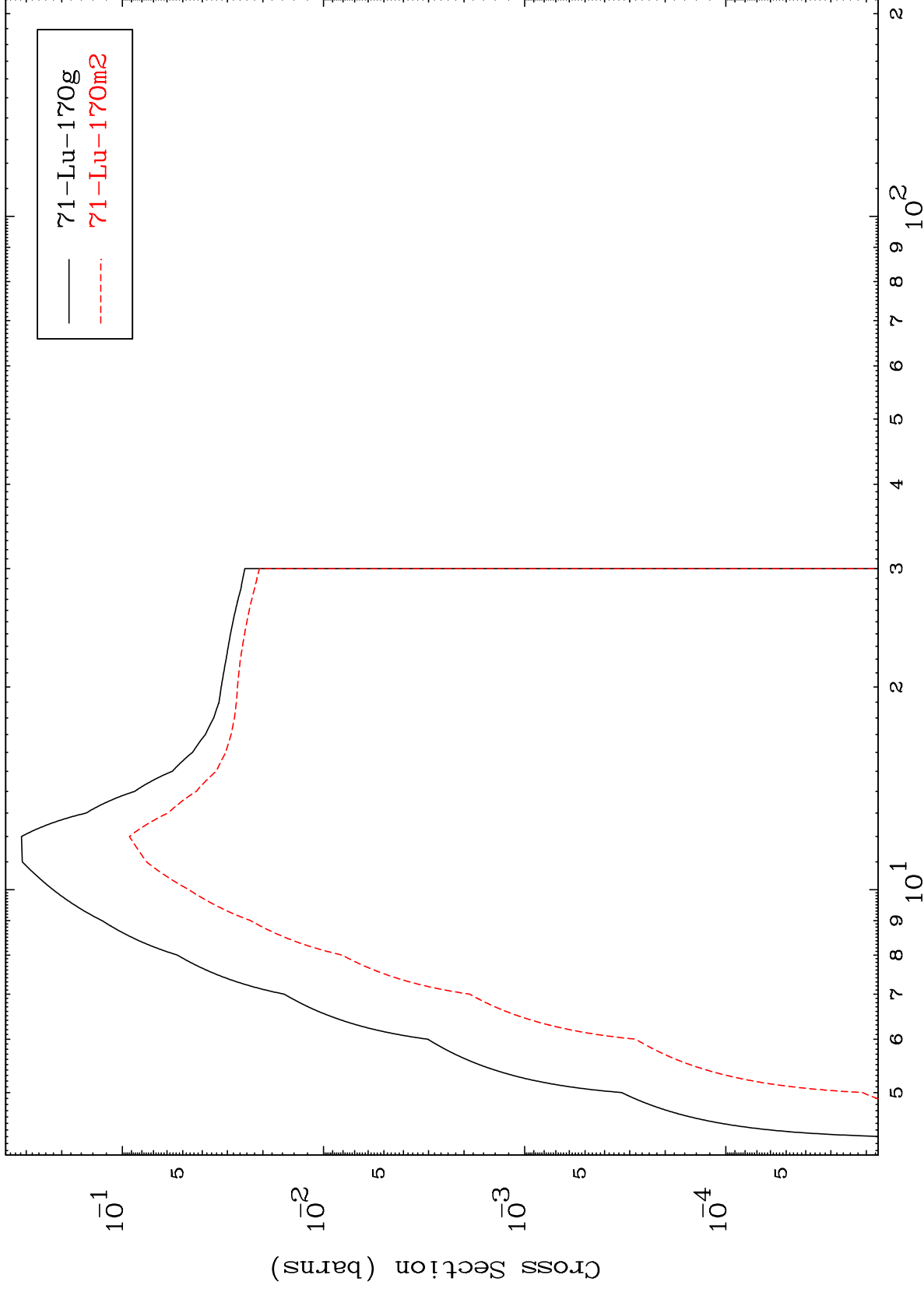
70-Yb-170



MAT 7031

Proton Inelastic
Radionuclide Production Cross Section

70-Yb-170



12

Incident Energy (MeV)

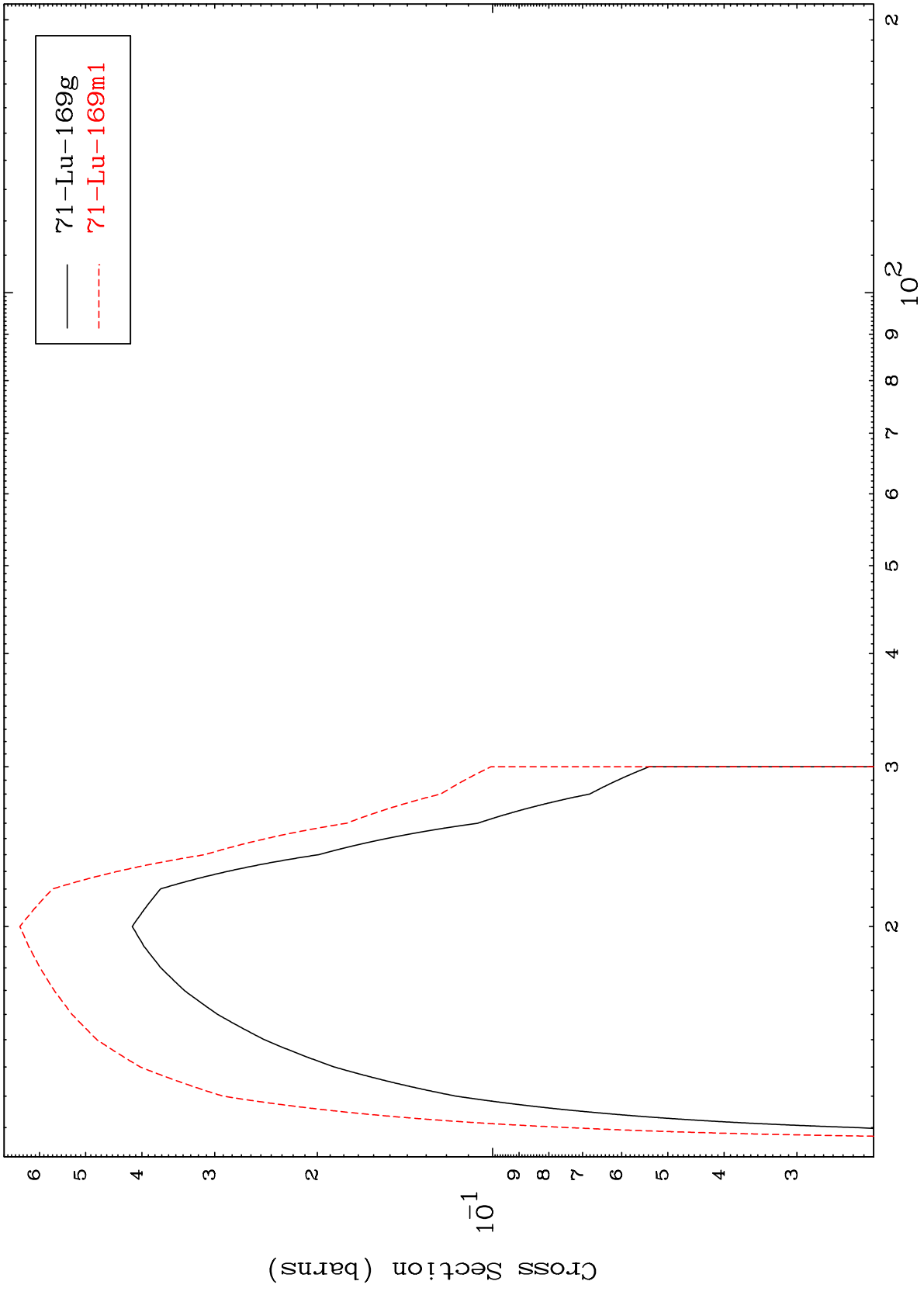
70-Yb-170

MAT 7031

(p,2n)

70-Yb-170

Radionuclide Production Cross Section



71-Lu-169g
71-Lu-169m1

13

Incident Energy (MeV)

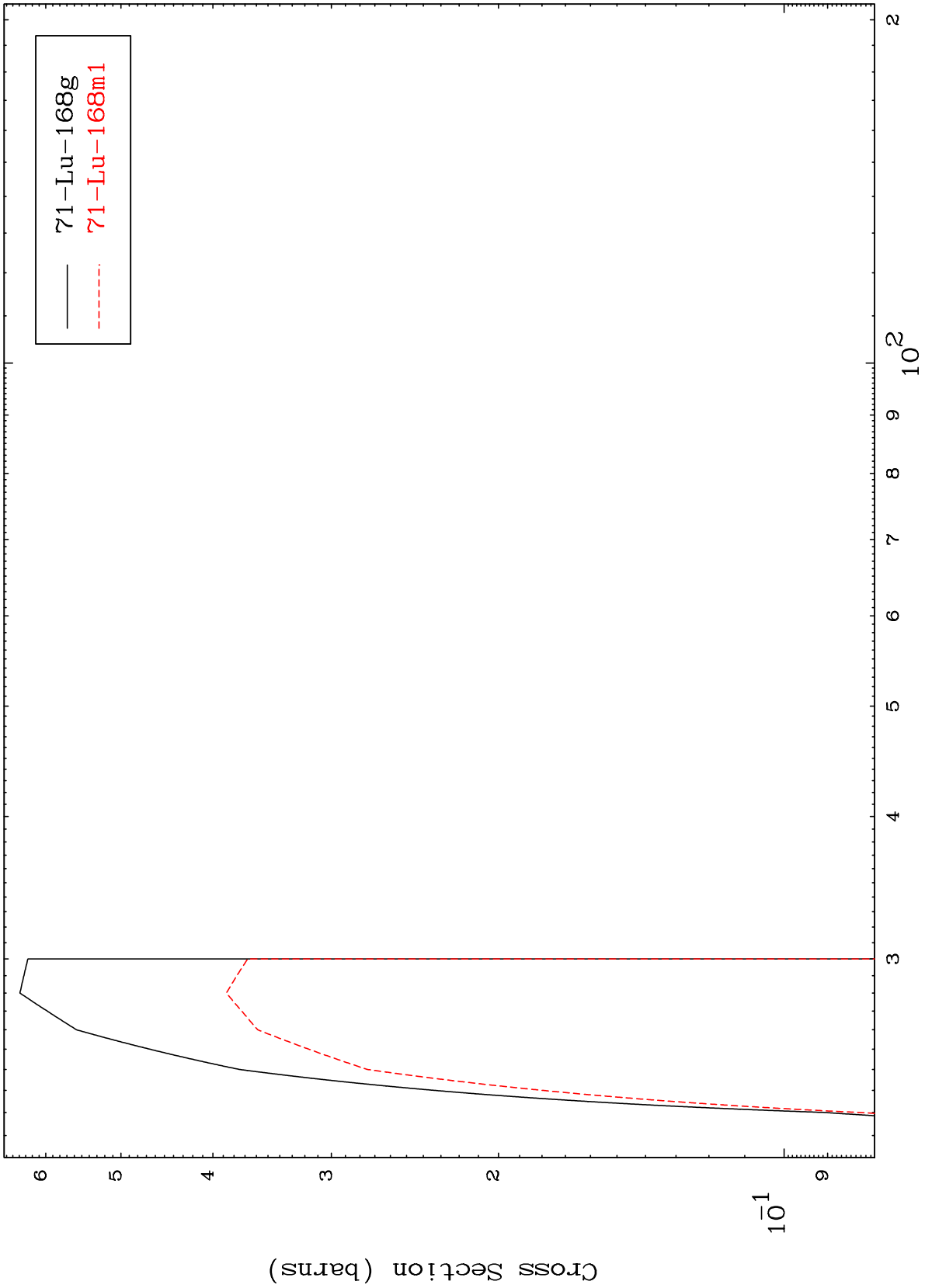
70-Yb-170

MAT 7031

(p,3n)

70-Yb-170

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

14

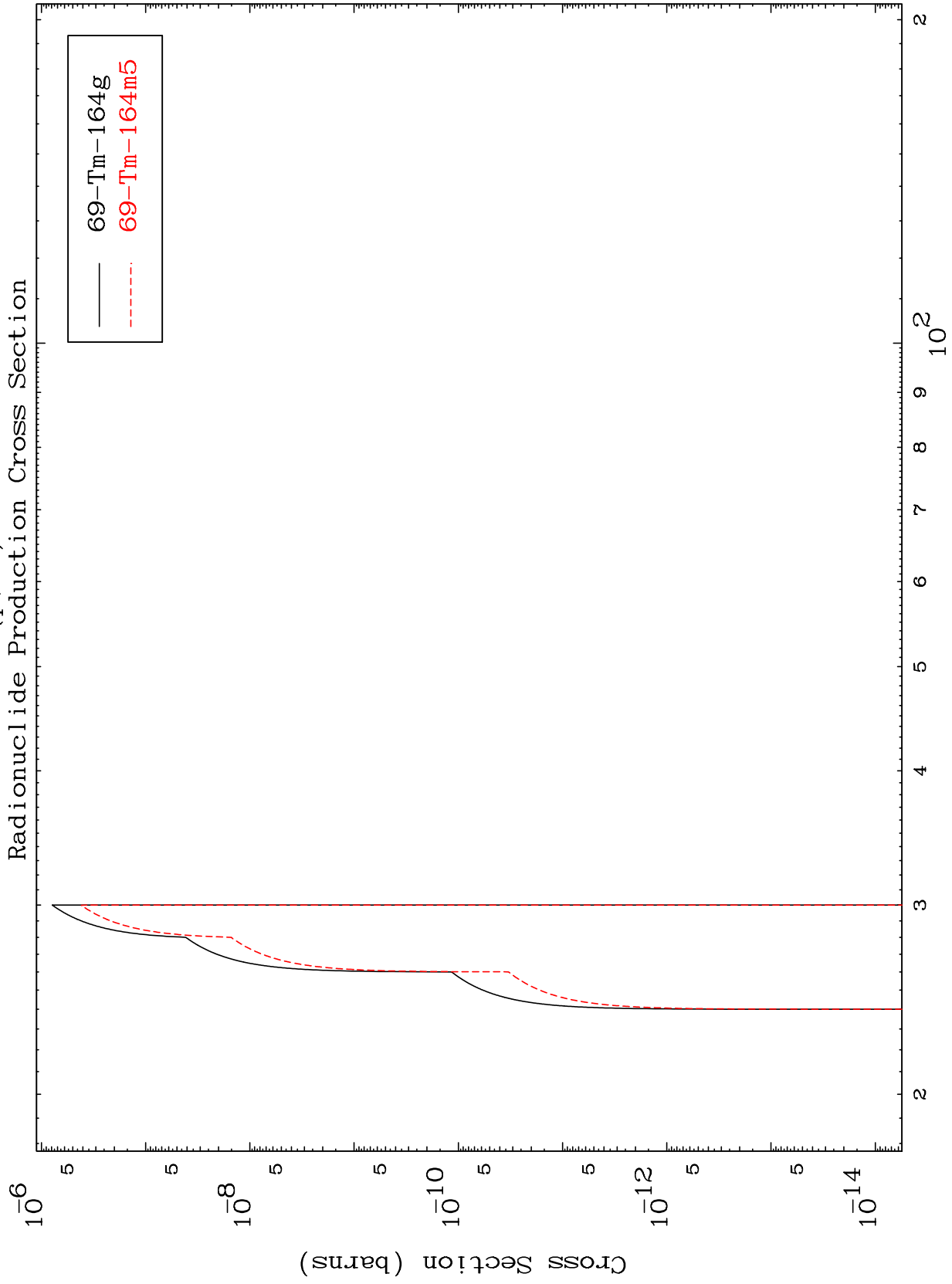
Incident Energy (MeV)

70-Yb-170

MAT 7031

(p,3n) α

70-Yb-170



15

Incident Energy (MeV)

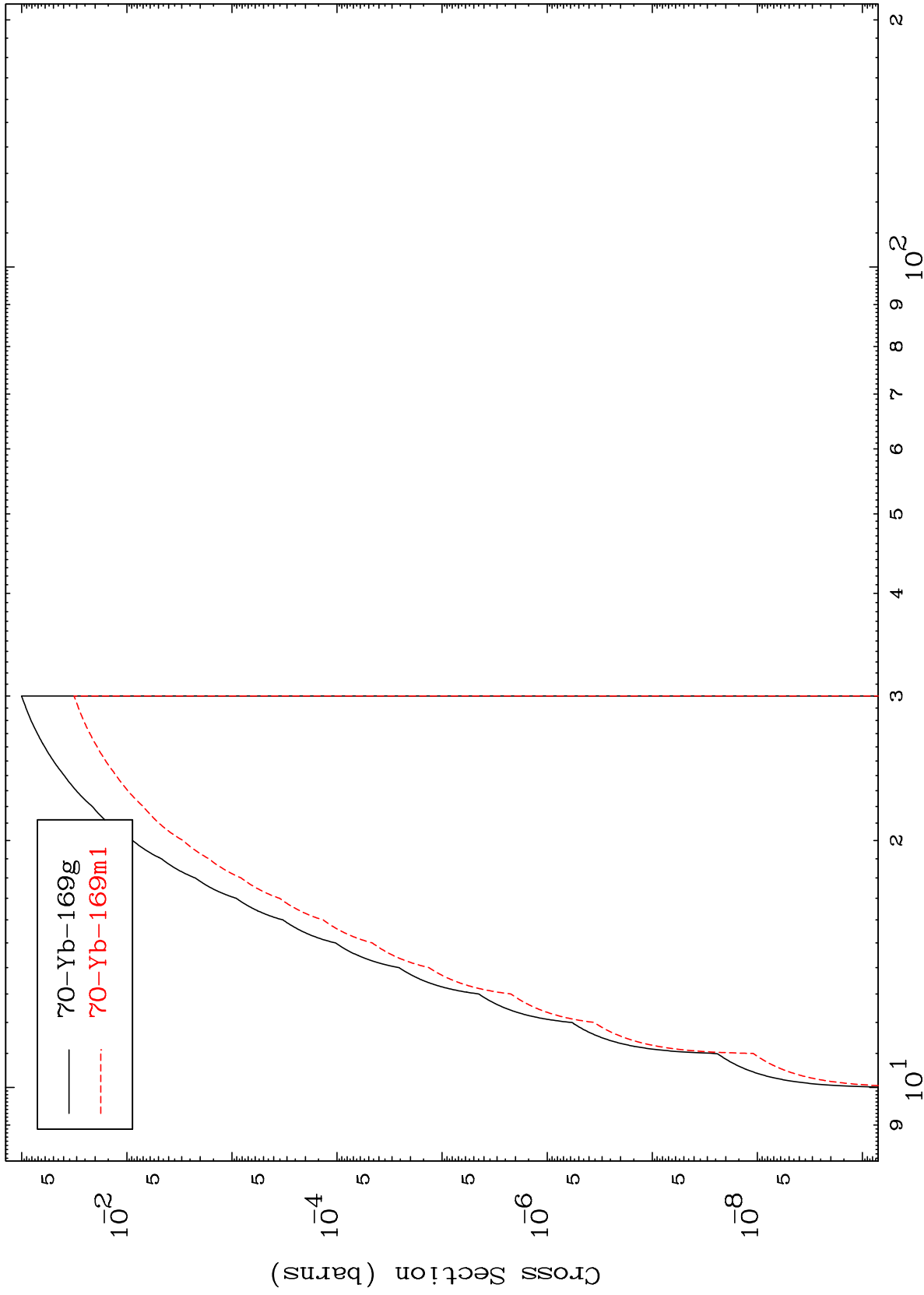
70-Yb-170

MAT 7031

(p,n') p

⁷⁰Yb-170

Radionuclide Production Cross Section



16

Incident Energy (MeV)

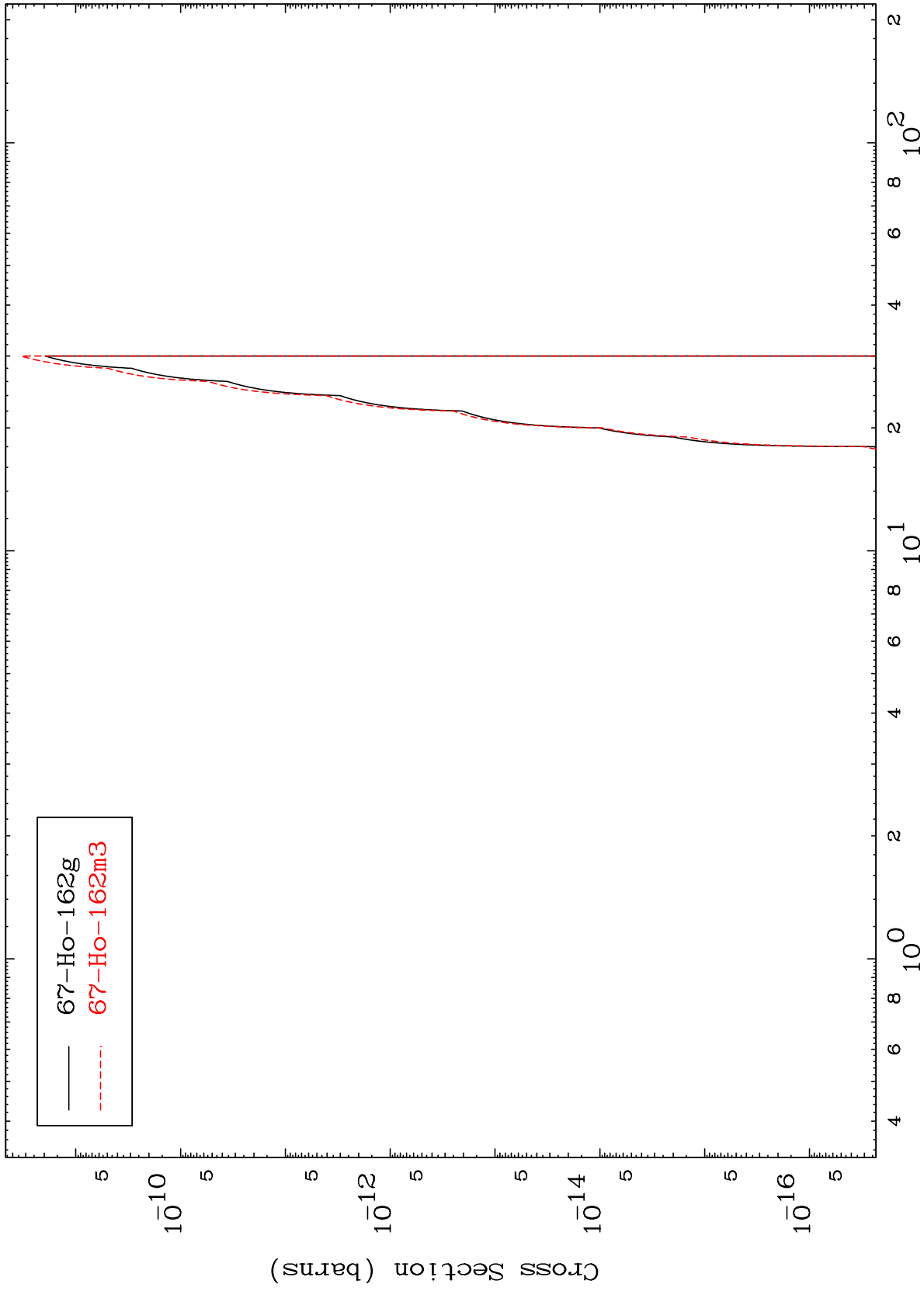
⁷⁰Yb-170

MAT 7031

(p,n') 2 α

70-Yb-170

Radionuclide Production Cross Section



17

Incident Energy (MeV)

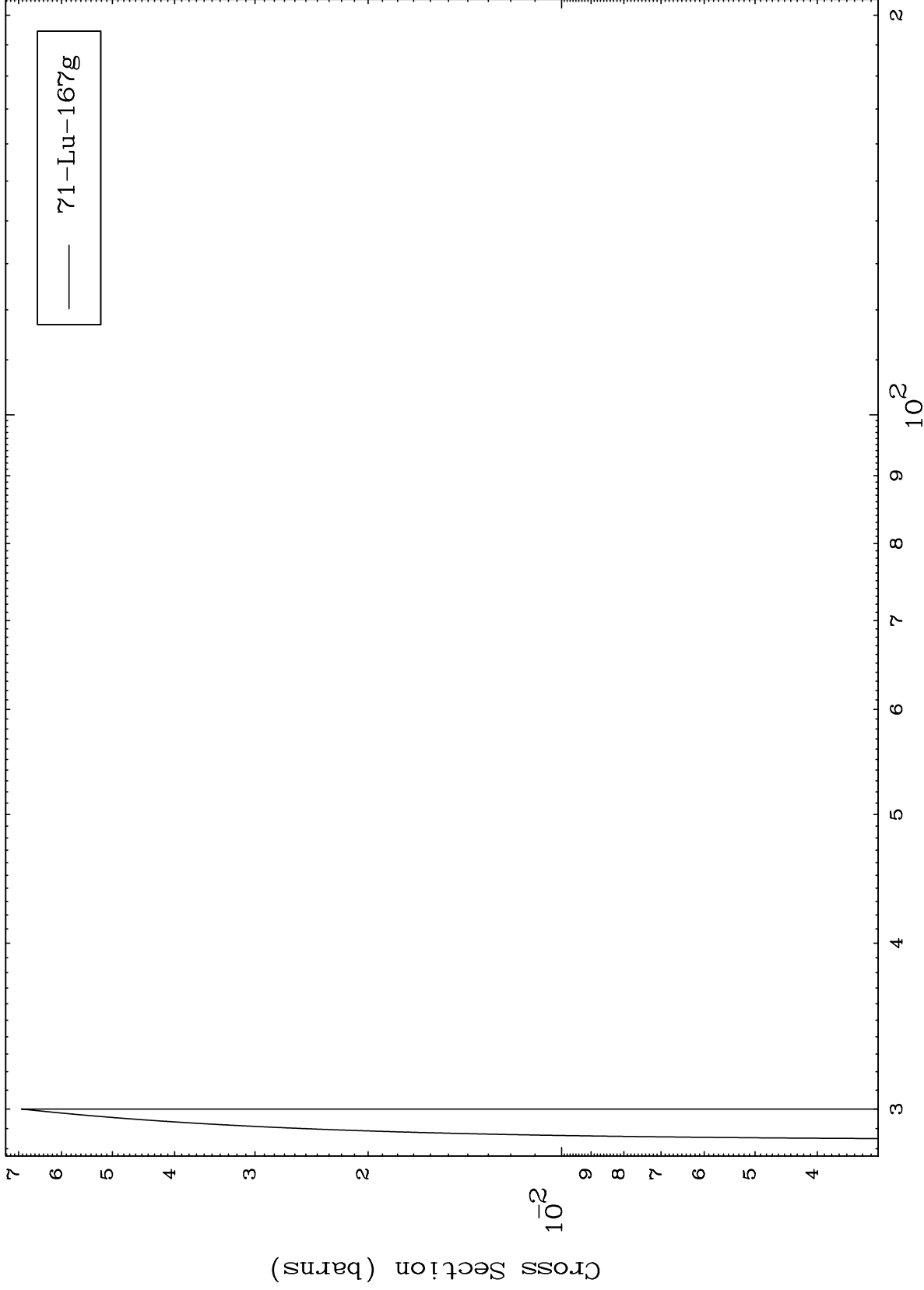
70-Yb-170

MAT 7031

(p,4n)

70-Yb-170

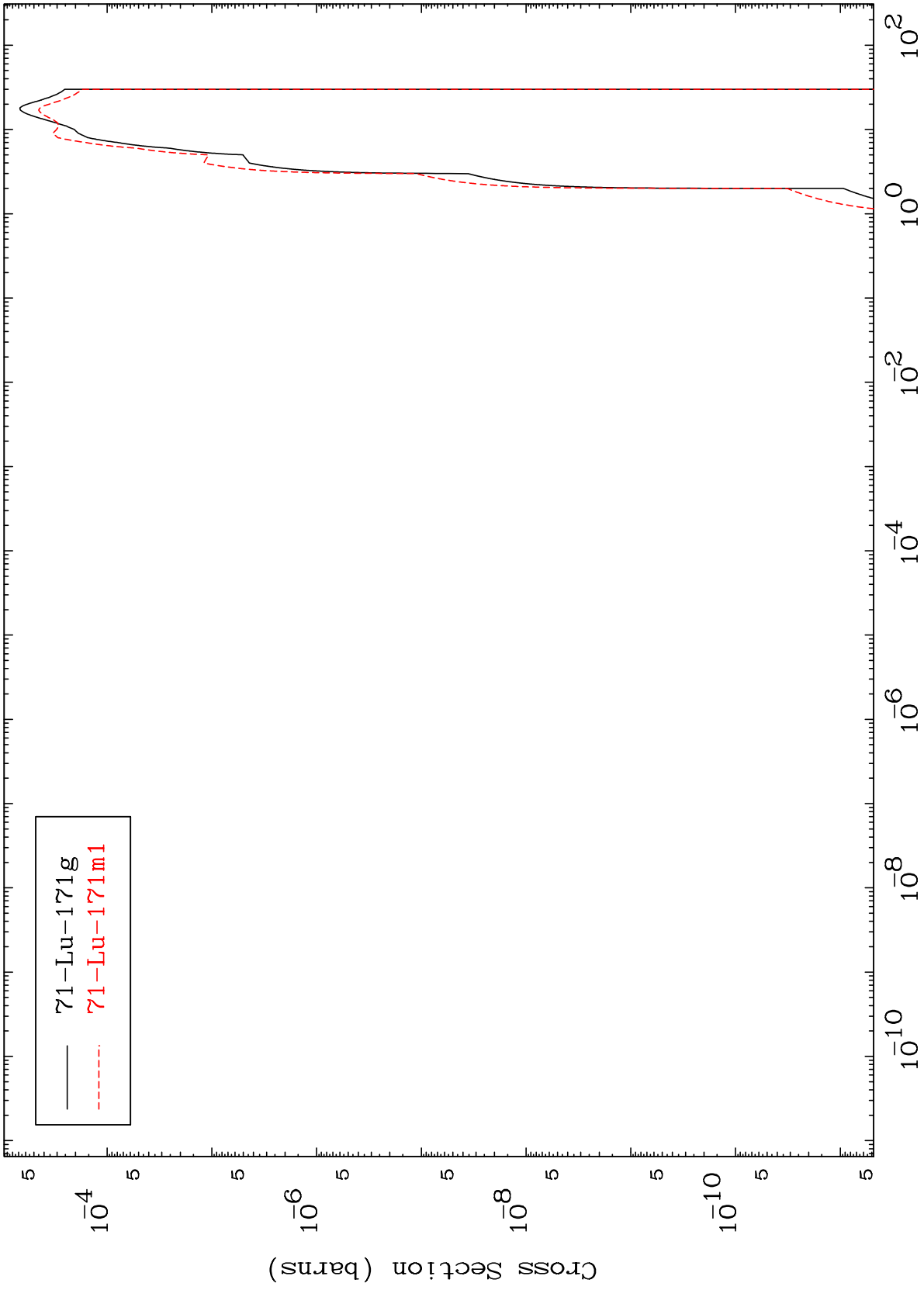
Radionuclide Production Cross Section



MAT 7031

Radionuclide Production Cross Section
(p,γ)

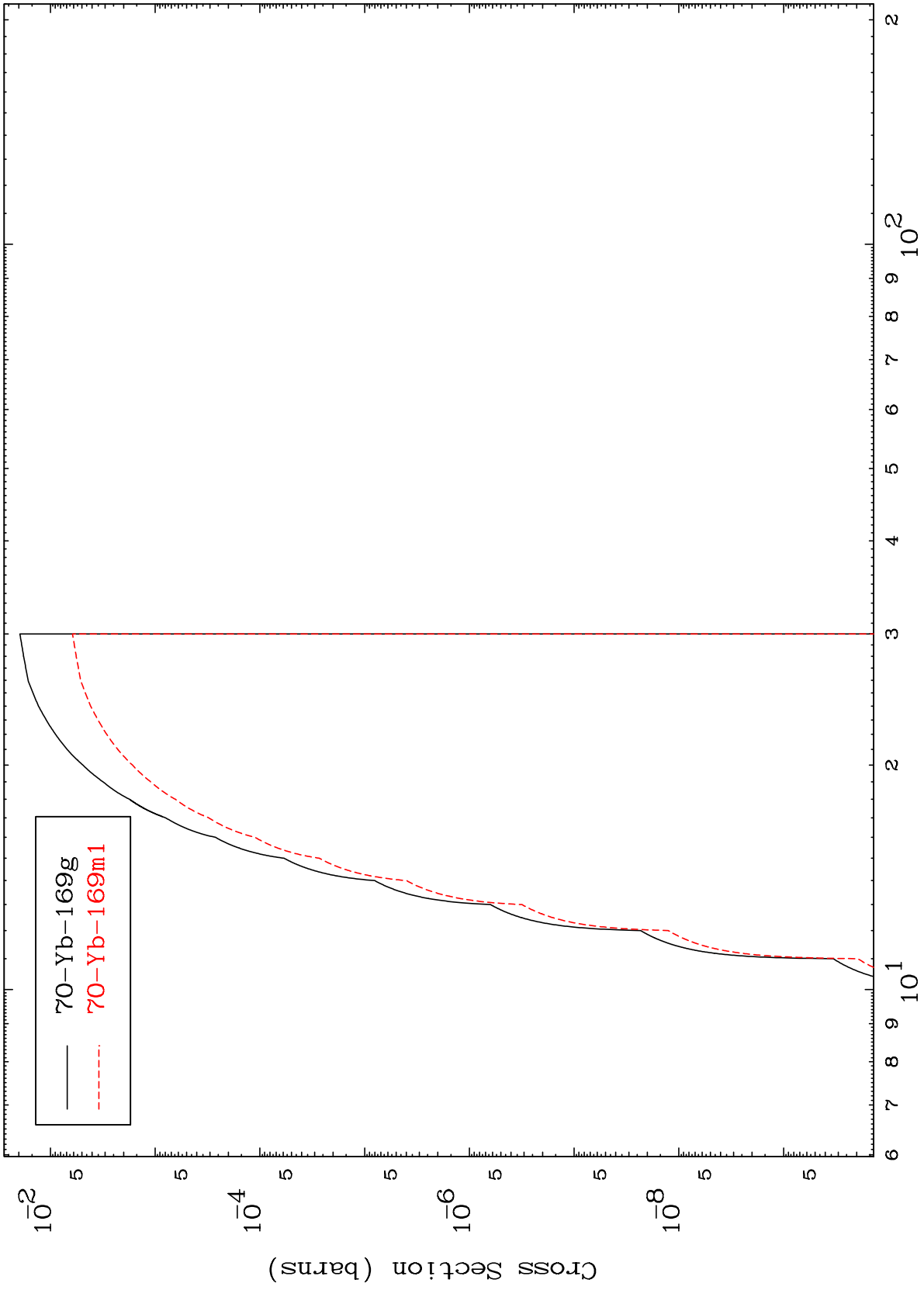
70-Yb-170



MAT 7031

Radionuclide Production Cross Section
(p,d)

⁷⁰Yb-170



70-Yb-169g
70-Yb-169m1

20

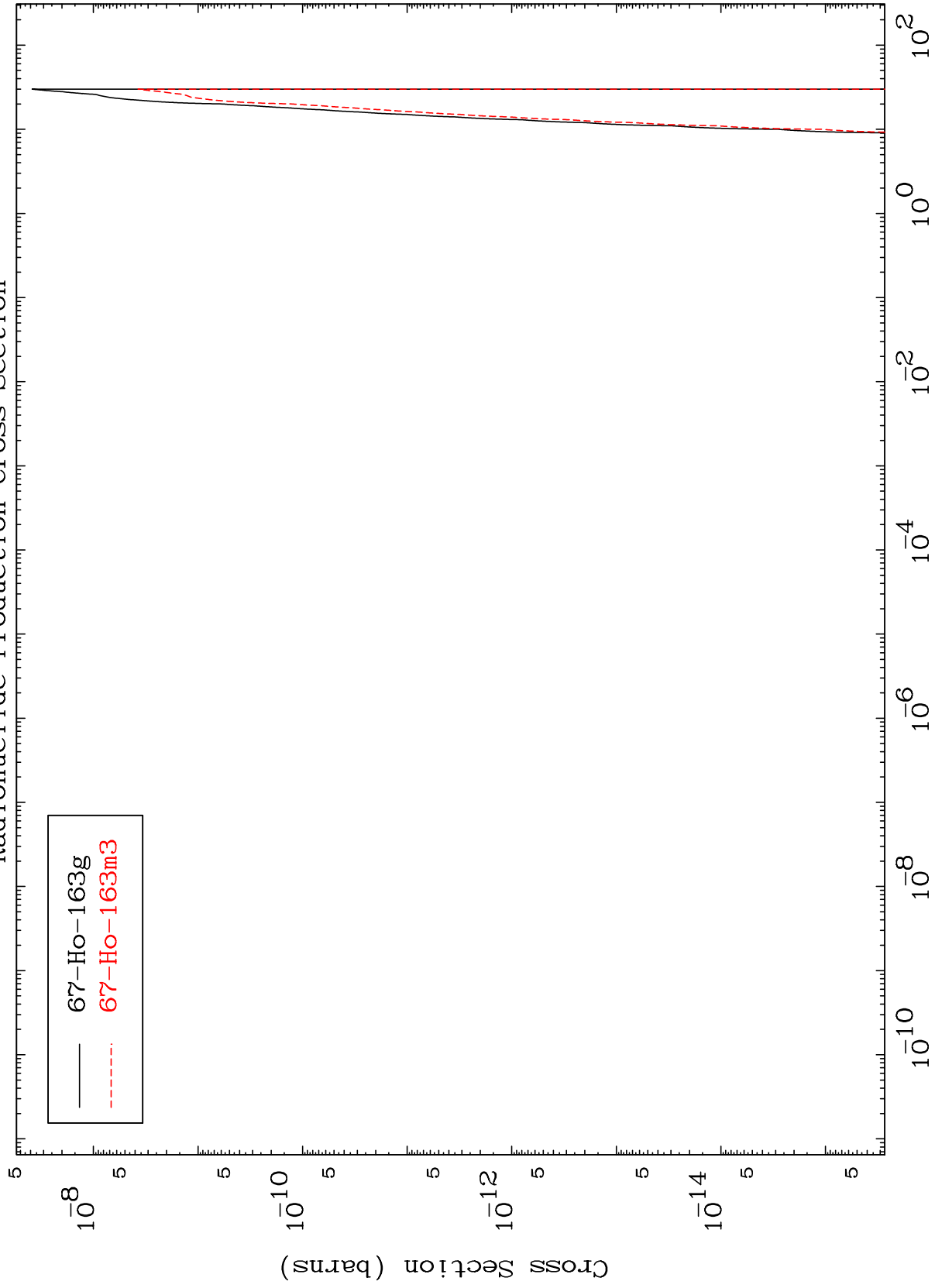
Incident Energy (MeV)

⁷⁰Yb-170

MAT 7031

Radionuclide Production Cross Section
(p,2α)

70-Yb-170



70-Yb-170