

Program EVALPLOT
(Version 2018-1)

by

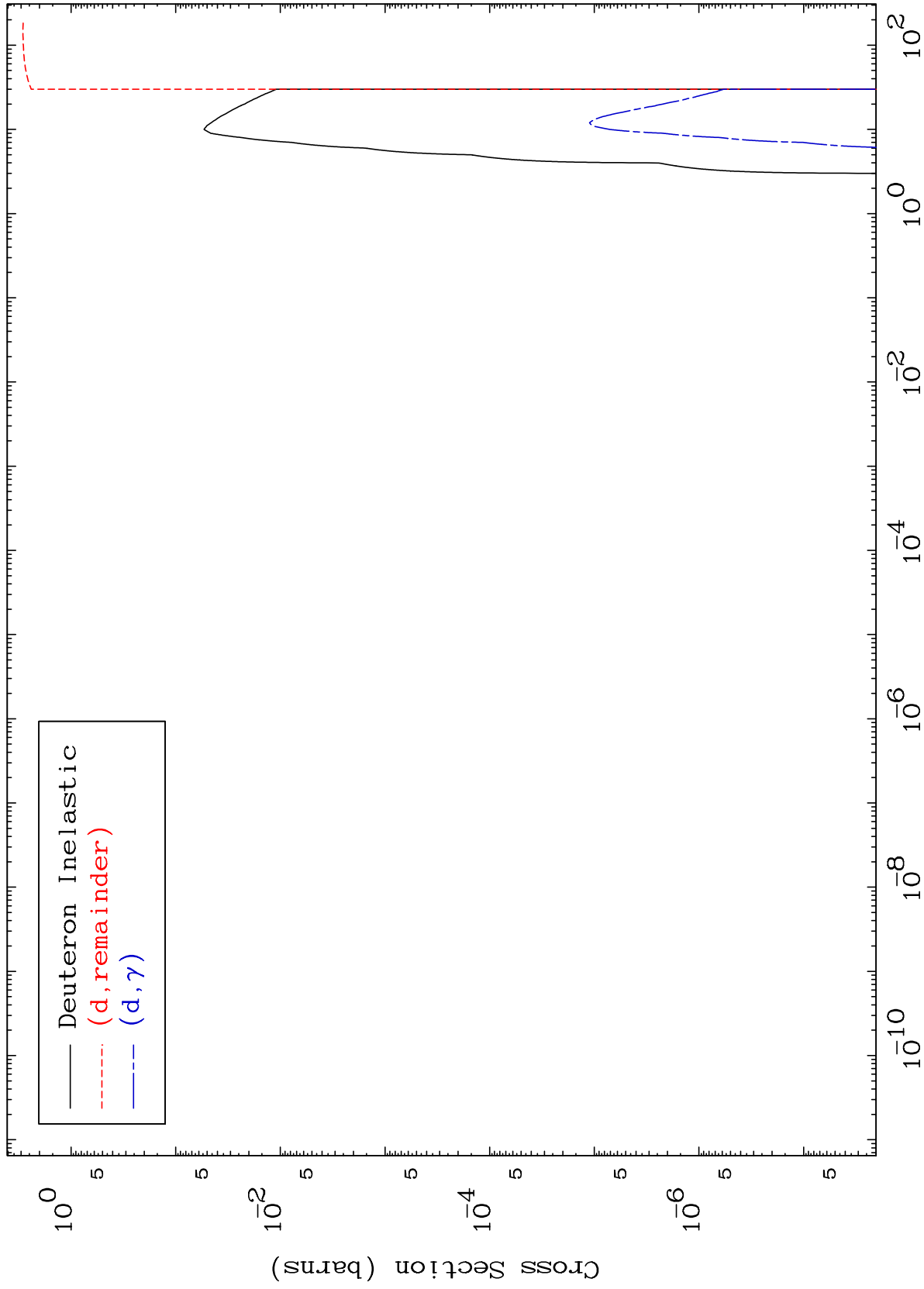
Dermott E. Cullen
(Present Contact Information)

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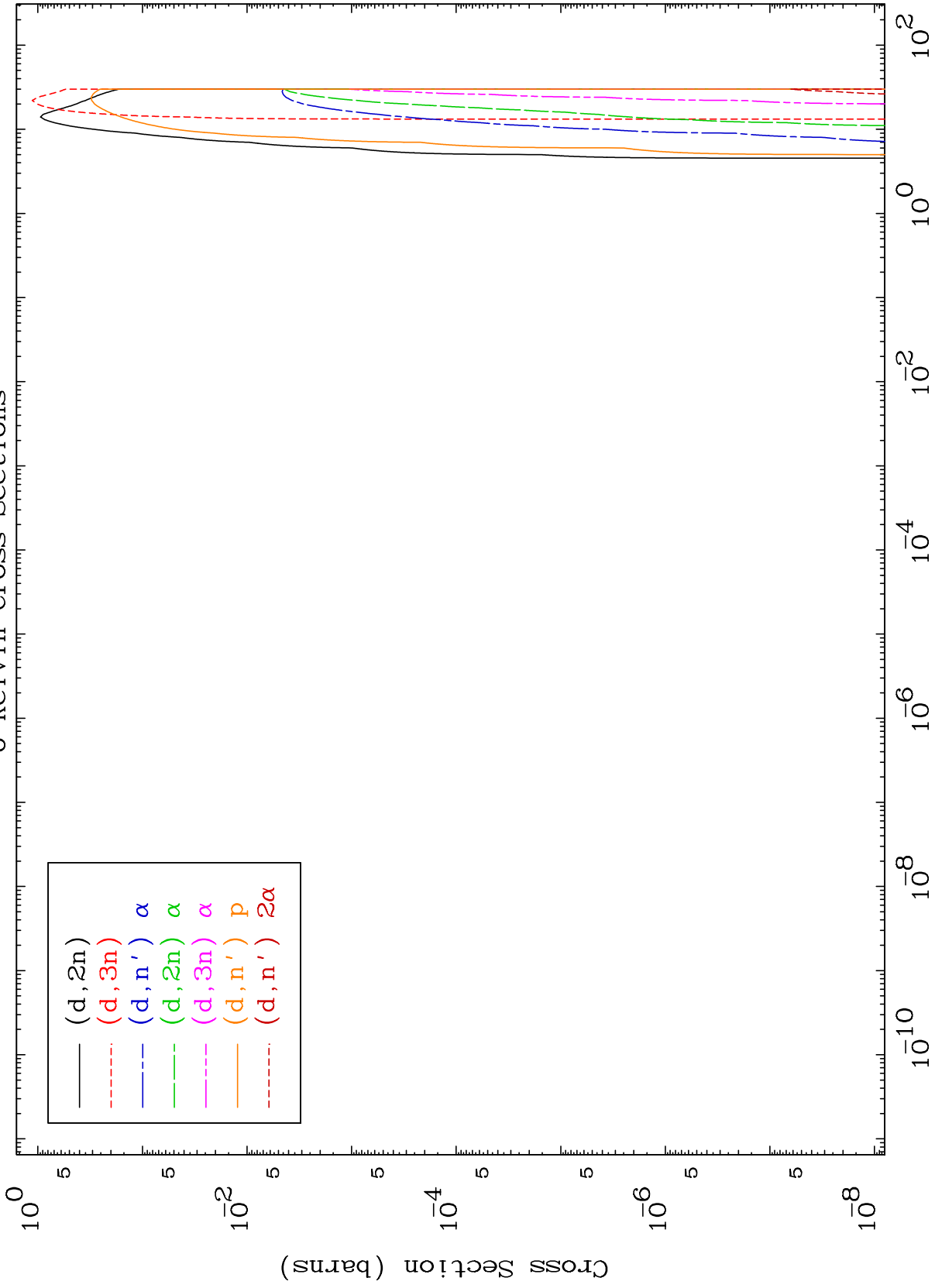
Press Mouse Button to Start



MAT 7034

Deuteron Neutron Production
0 Kelvin Cross Sections

70-Yb-171



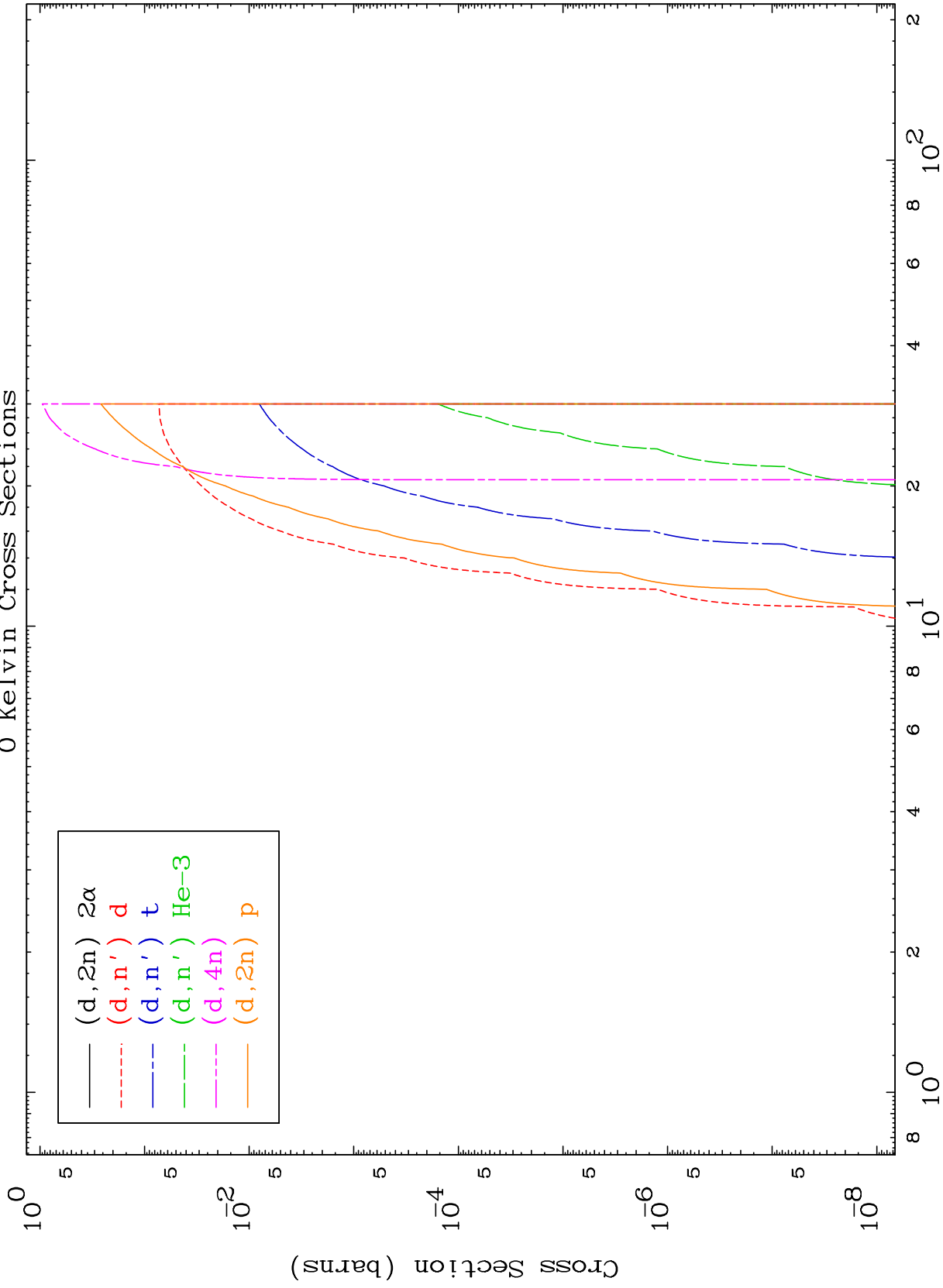
2

70-Yb-171

MAT 7034

Deuteron Neutron Production
0 Kelvin Cross Sections

70-Yb-171



3

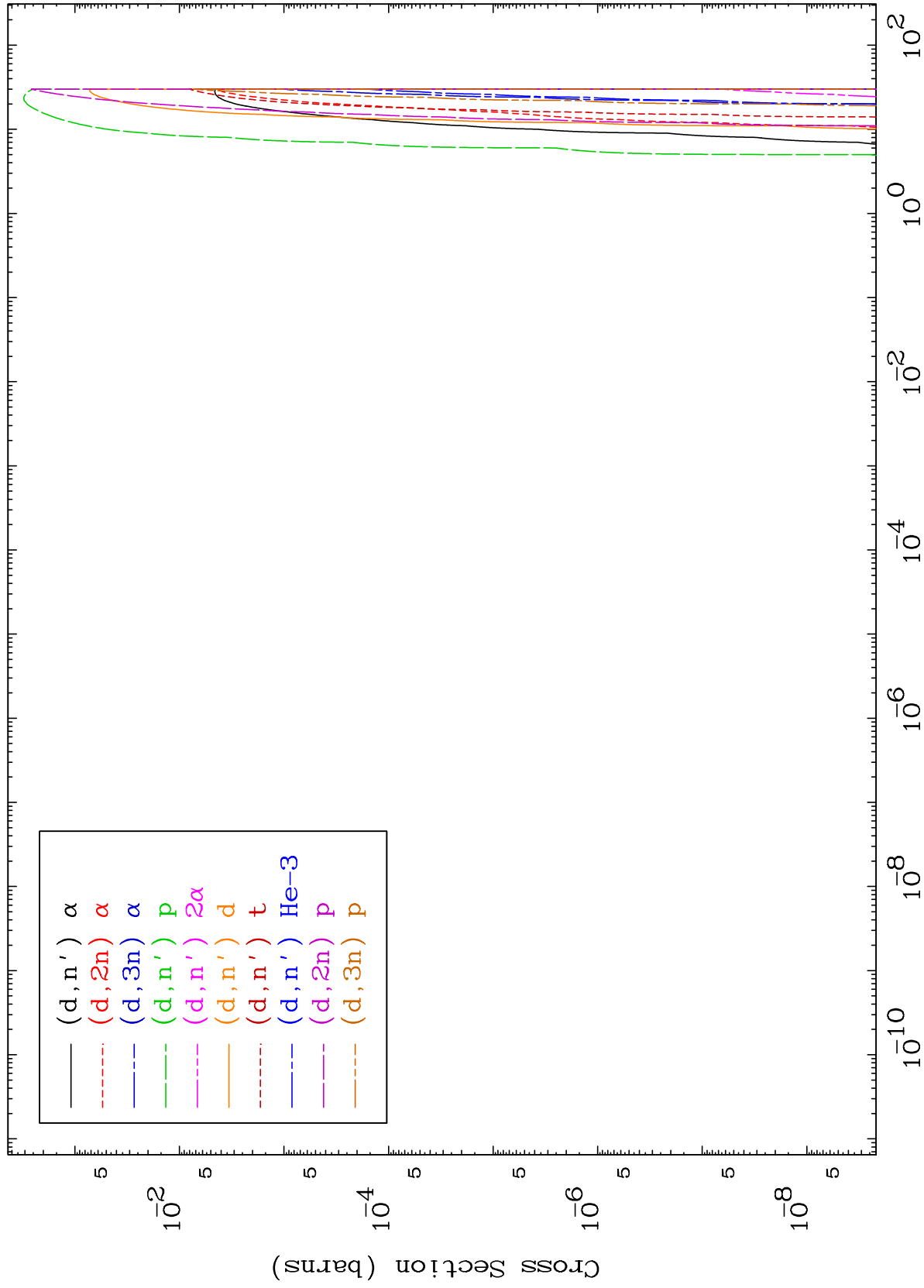
Incident Energy (MeV)

70-Yb-171

MAT 7034

Deuteron Charged Particle
0 Kelvin Cross Sections

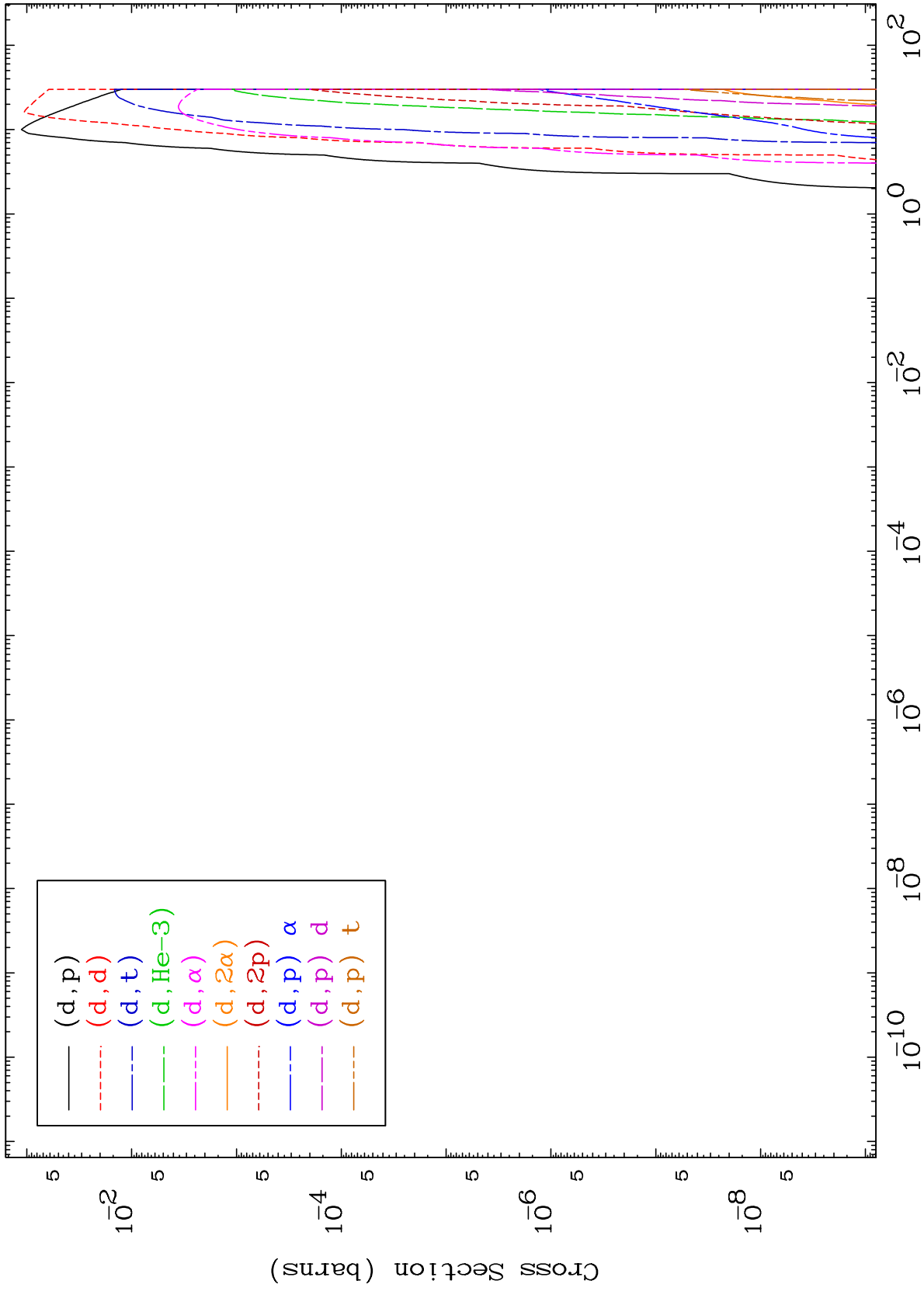
70-Yb-171



MAT 7034

Deuteron Charged Particle
0 Kelvin Cross Sections

70-Yb-171



5

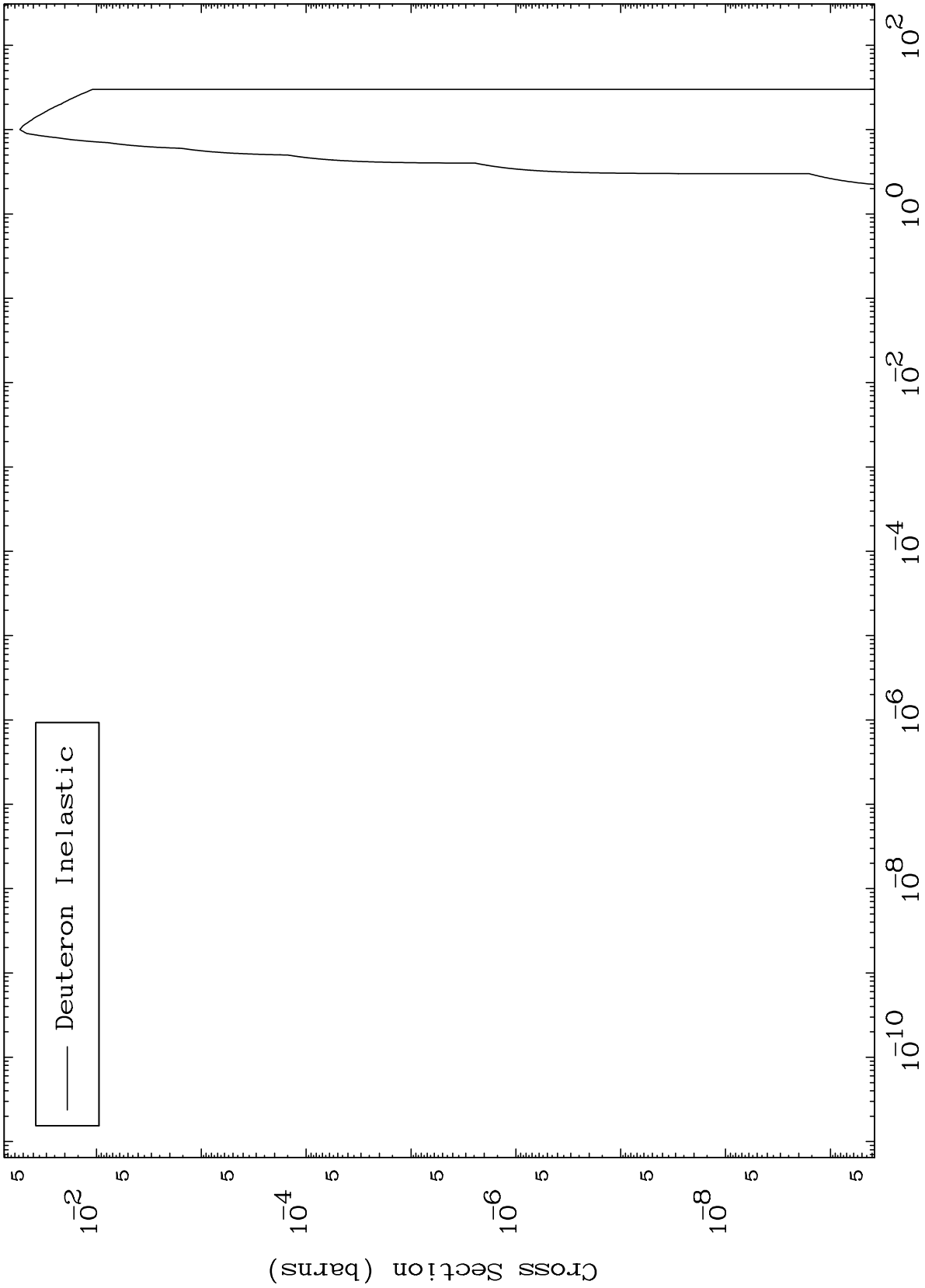
Incident Energy (MeV)

70-Yb-171

MAT 7034

(d,n') Level
0 Kelvin Cross Sections

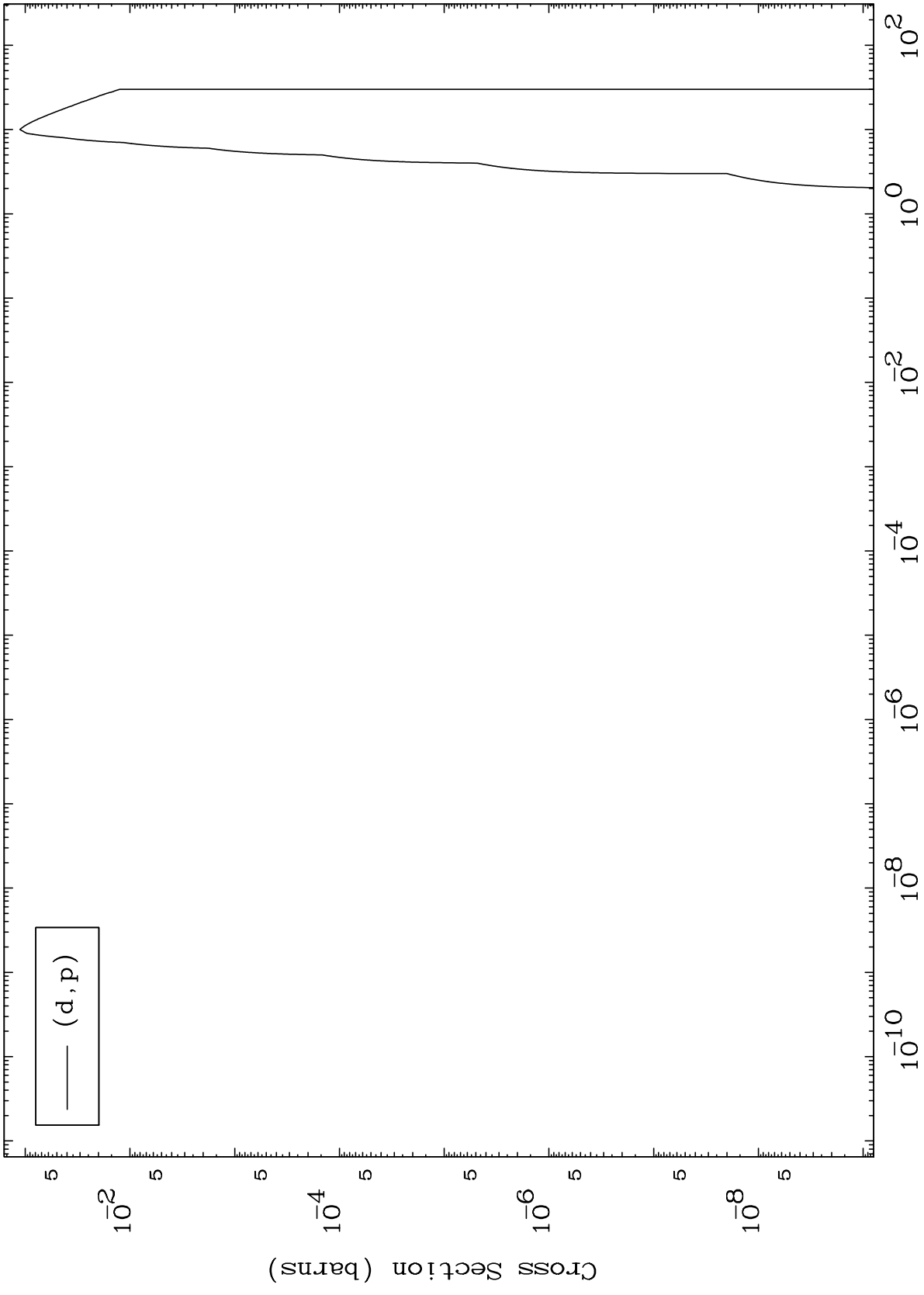
70-Yb-171



MAT 7034

(d,p) Levels
0 Kelvin Cross Sections

70-Yb-171



7

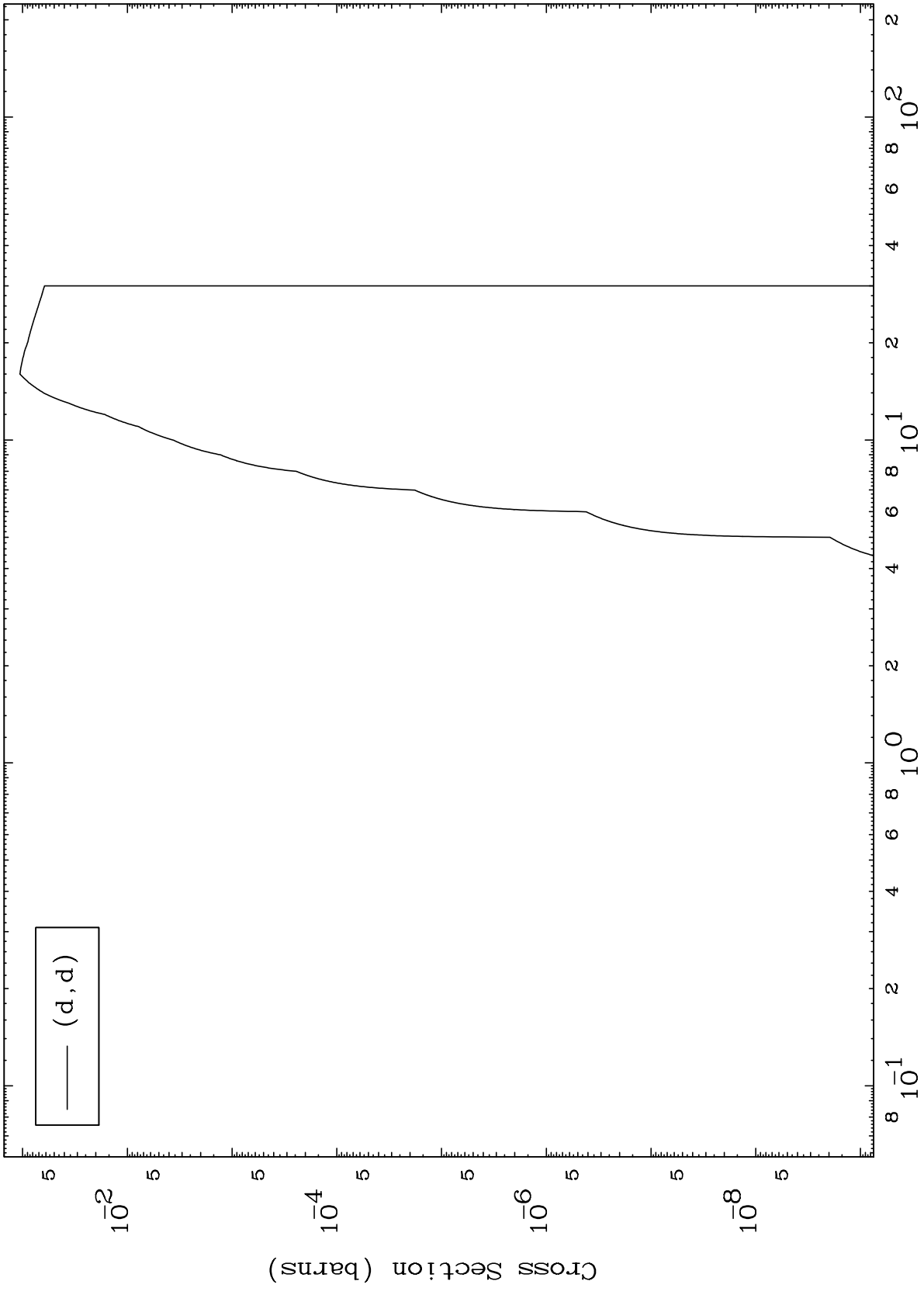
Incident Energy (MeV)

70-Yb-171

MAT 7034

(d,d) Levels
0 Kelvin Cross Sections

70-Yb-171



8

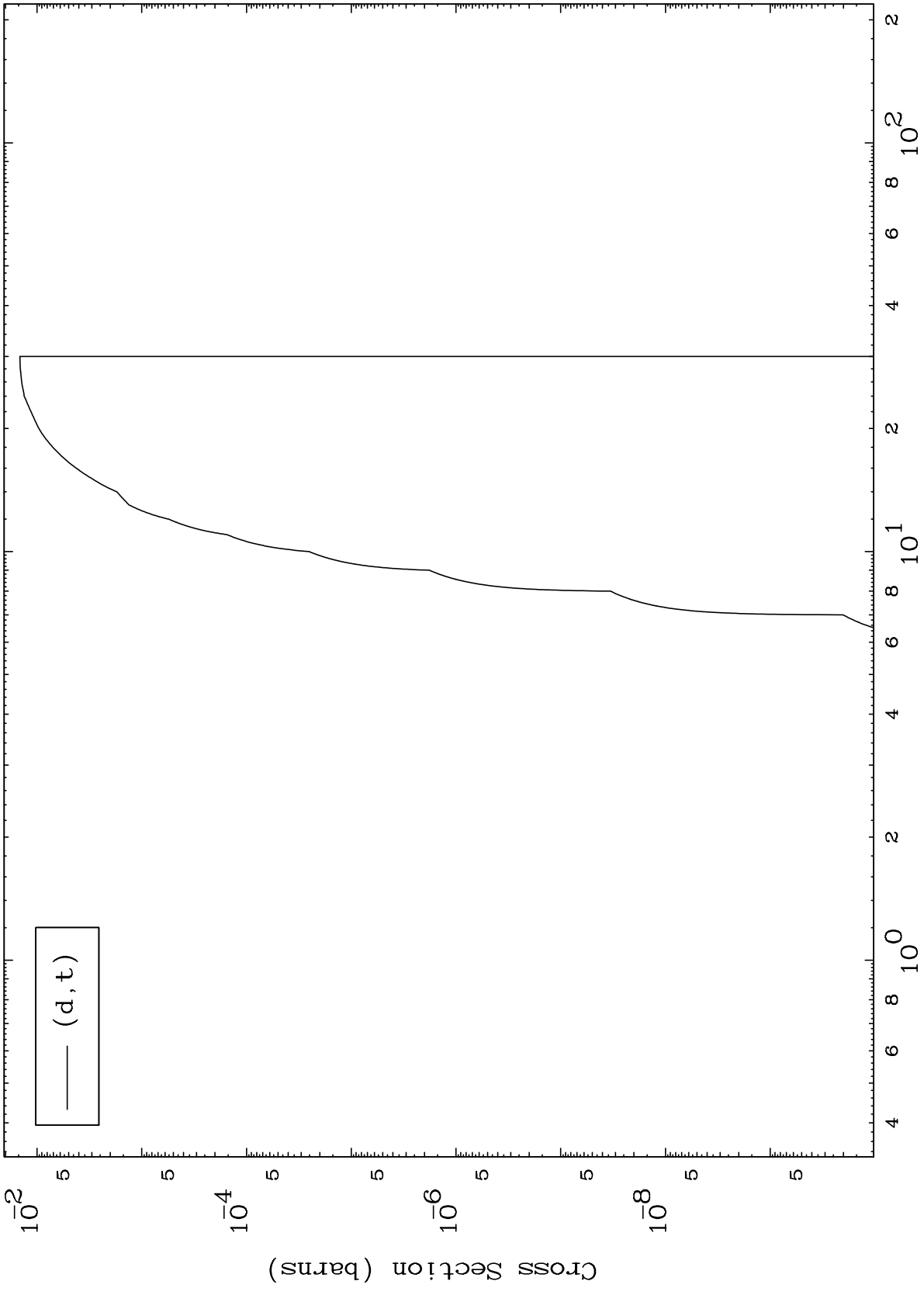
Incident Energy (MeV)

70-Yb-171

MAT 7034

(d,t) Levels
0 Kelvin Cross Sections

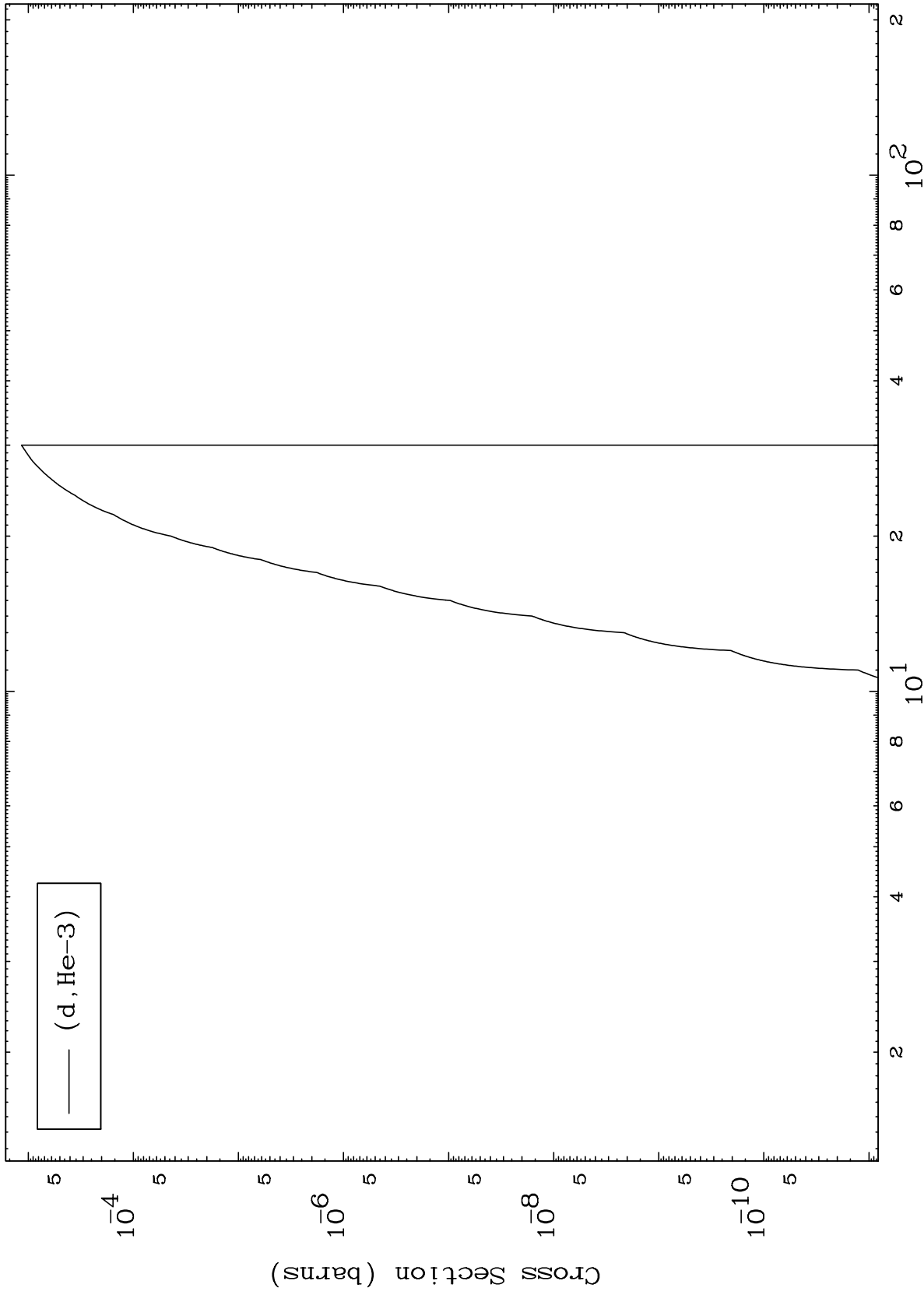
70-Yb-171



MAT 7034

(d,He3) Levels
0 Kelvin Cross Sections

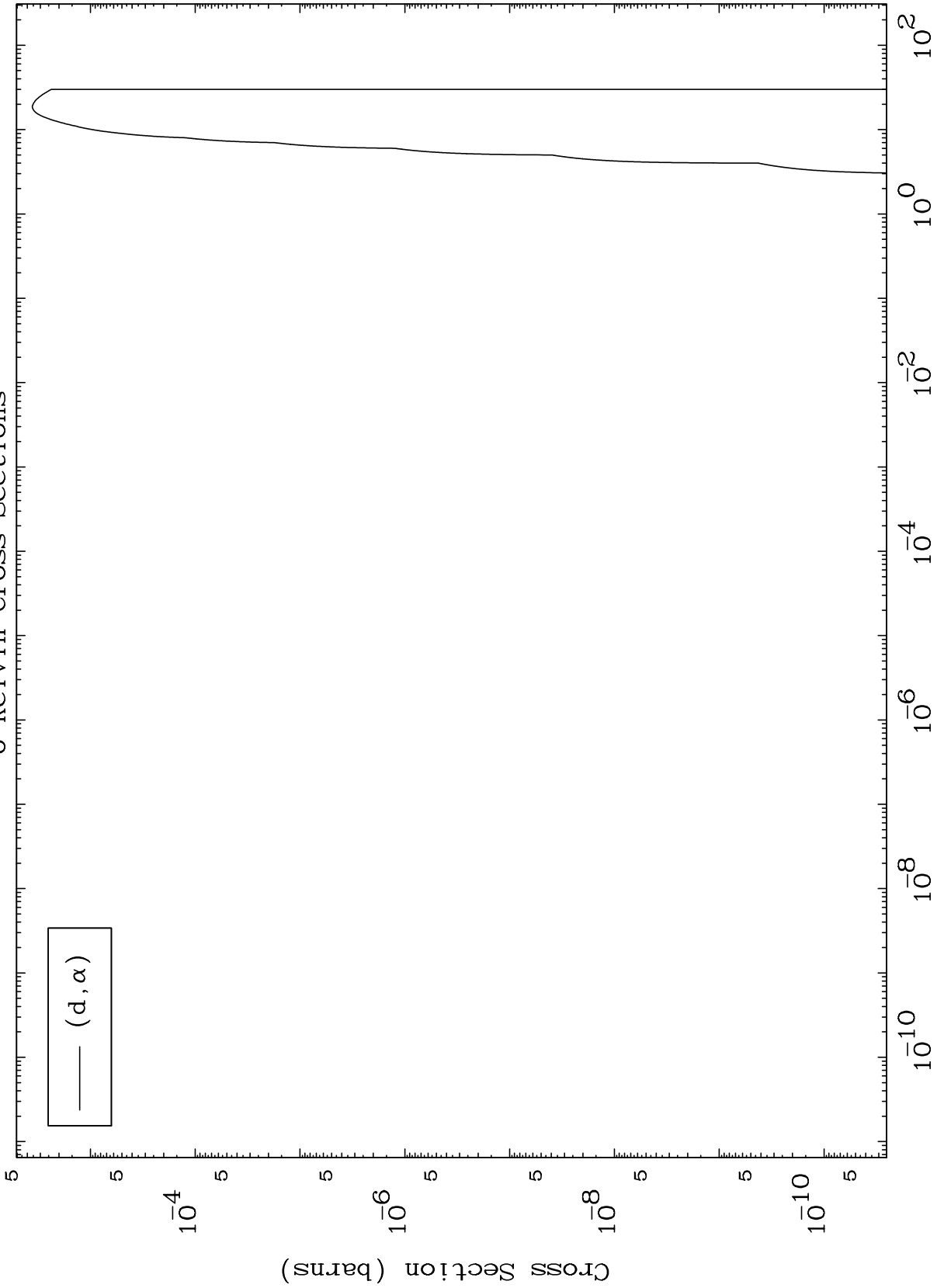
70-Yb-171



MAT 7034

(d, α) Levels
0 Kelvin Cross Sections

70-Yb-171



11

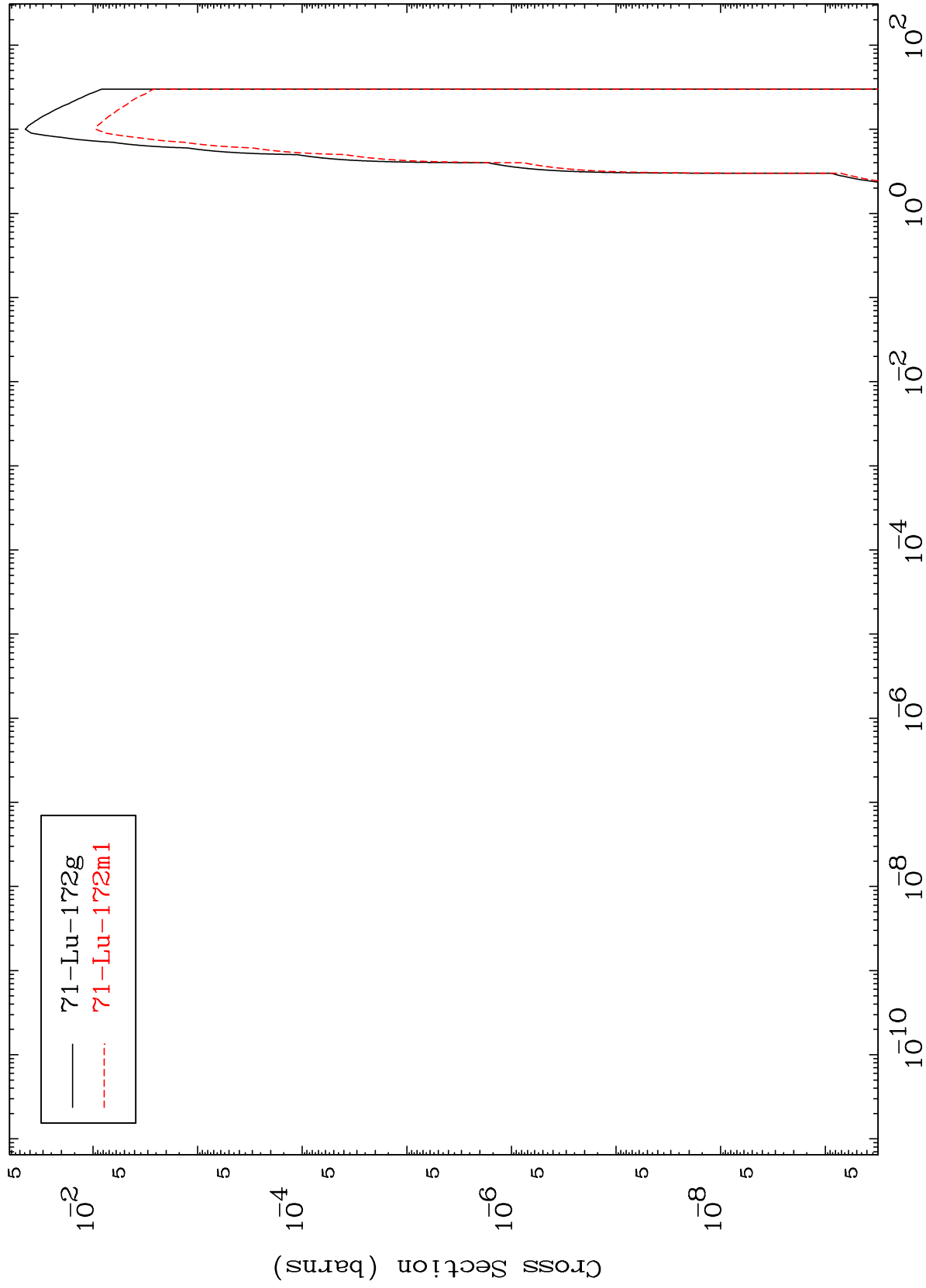
Incident Energy (MeV)

70-Yb-171

MAT 7034

Deuteron Inelastic
Radionuclide Production Cross Section

70-Yb-171

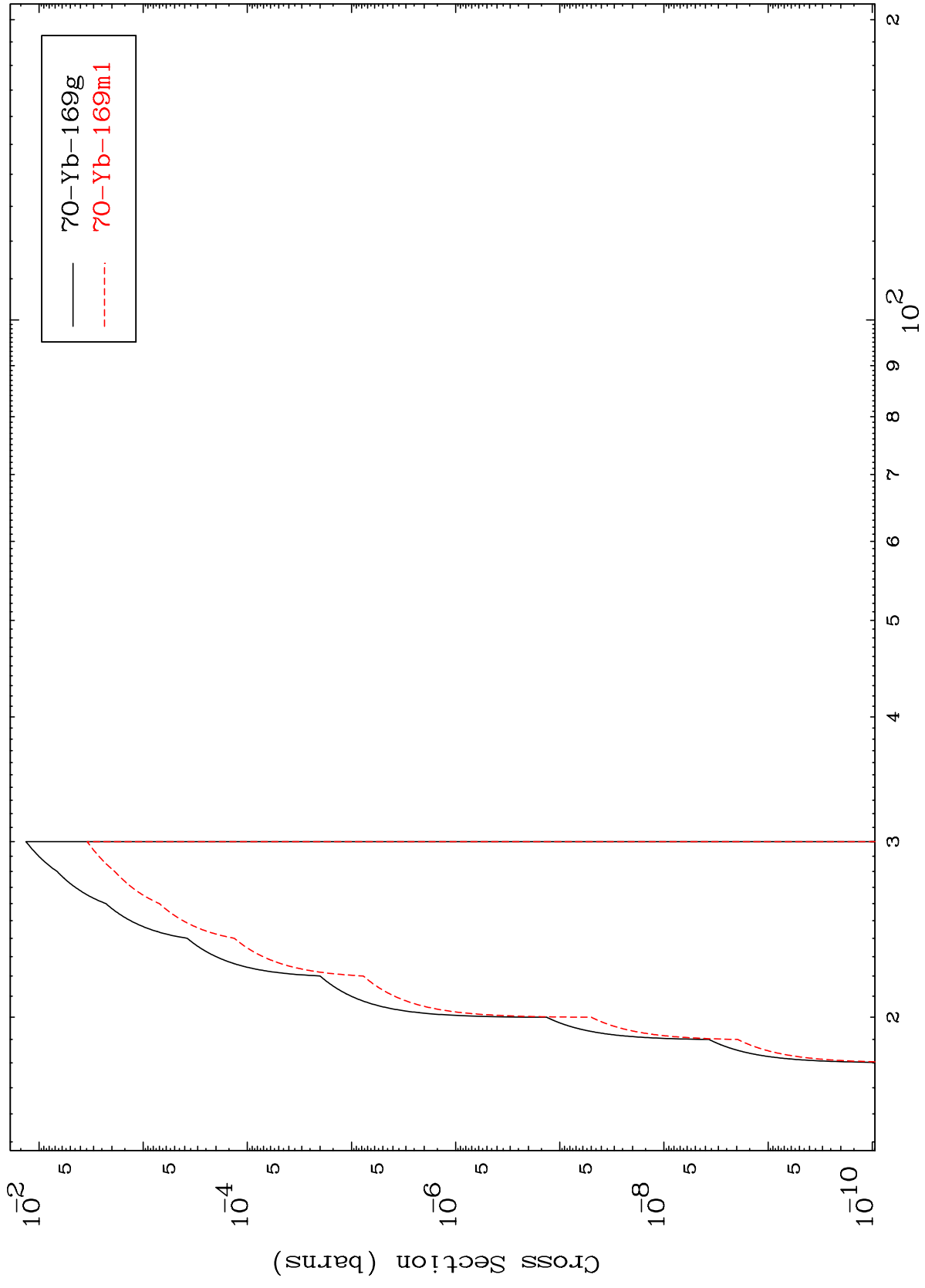


MAT 7034

(d,2n) d

⁷⁰Yb-171

Radionuclide Production Cross Section



13

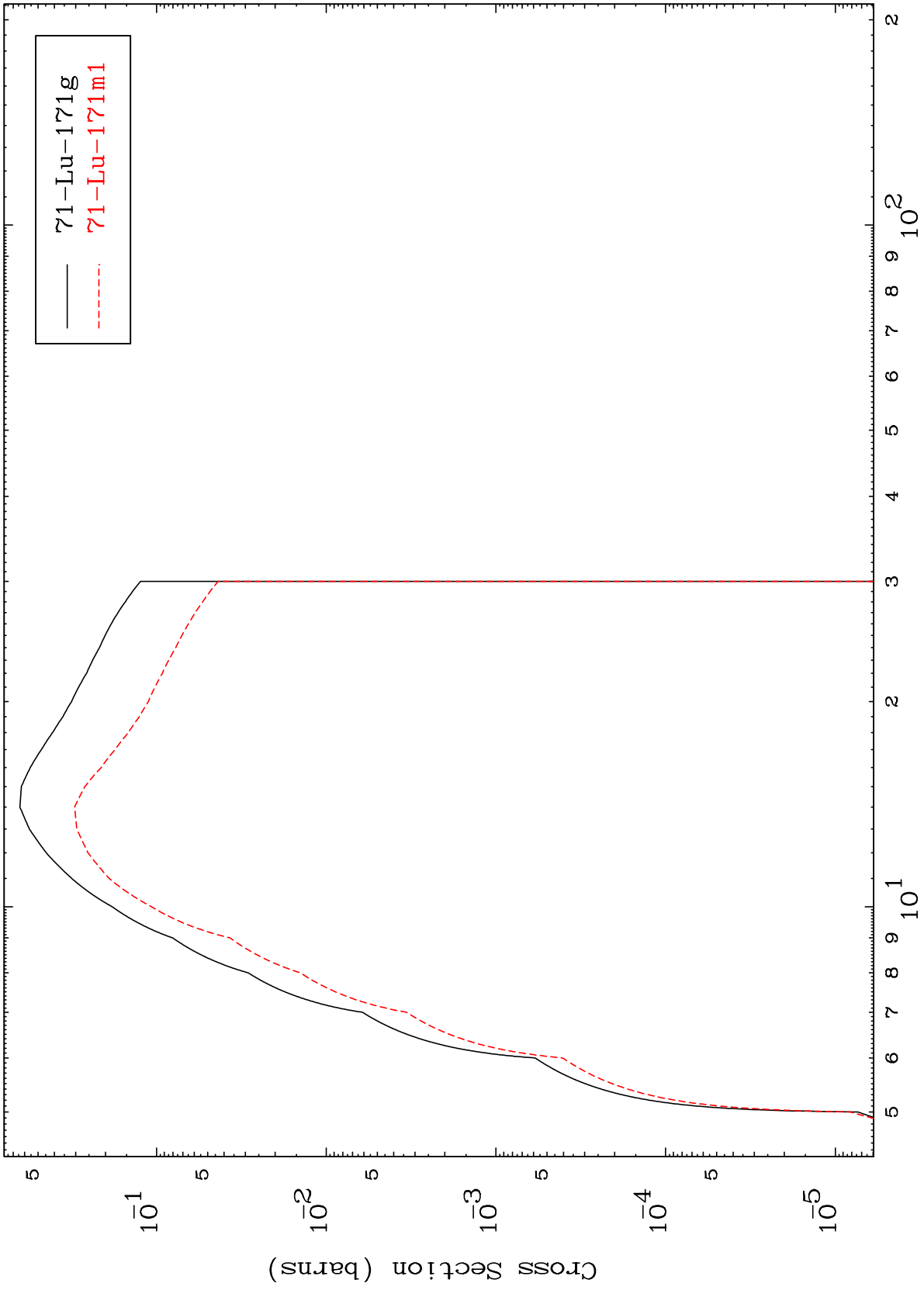
Incident Energy (MeV)

⁷⁰Yb-171

MAT 7034

70-Yb-171

Radionuclide Production Cross Section
(d,2n)



14

Incident Energy (MeV)

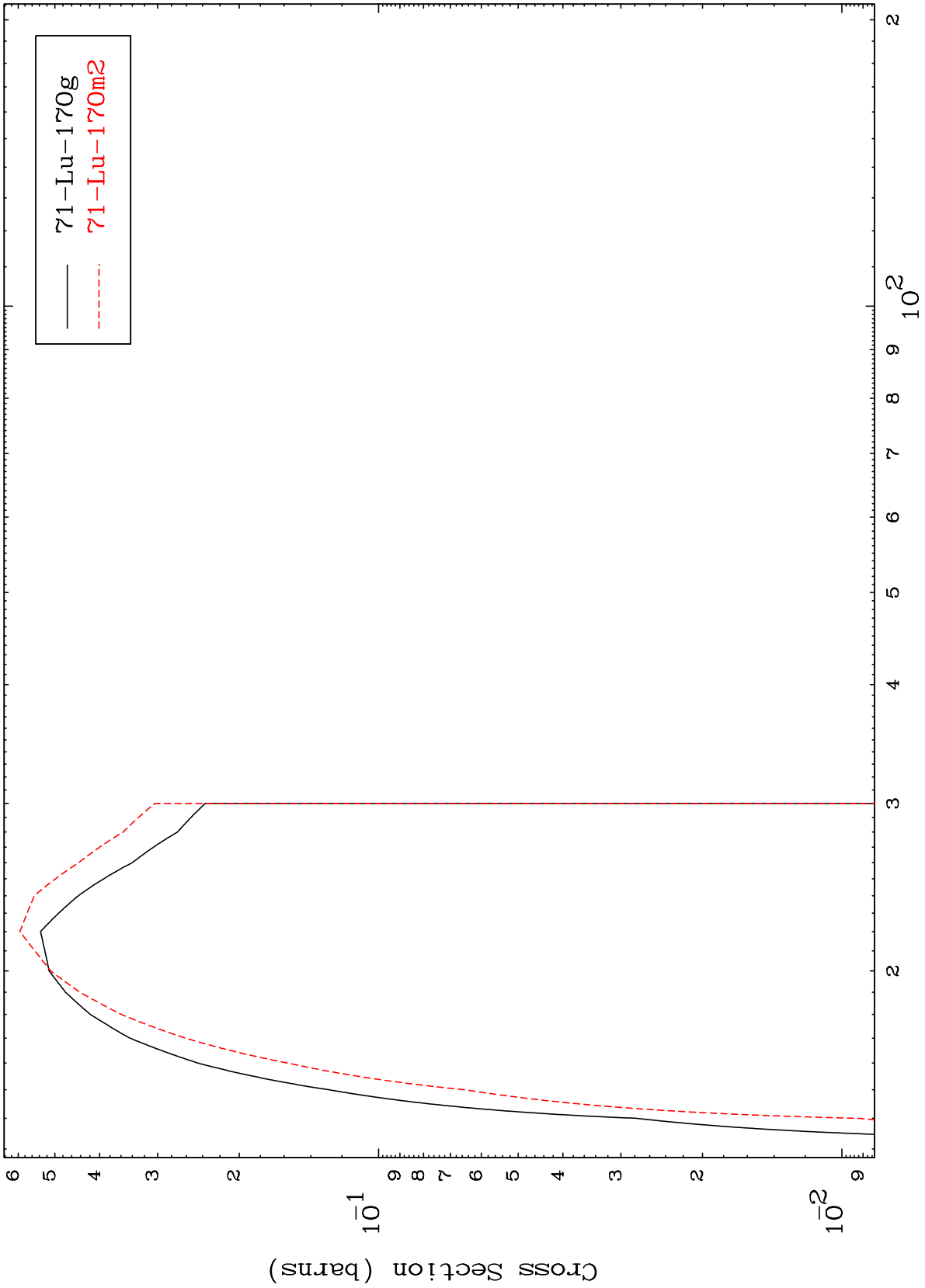
70-Yb-171

MAT 7034

(d,3n)

70-Yb-171

Radionuclide Production Cross Section



15

Incident Energy (MeV)

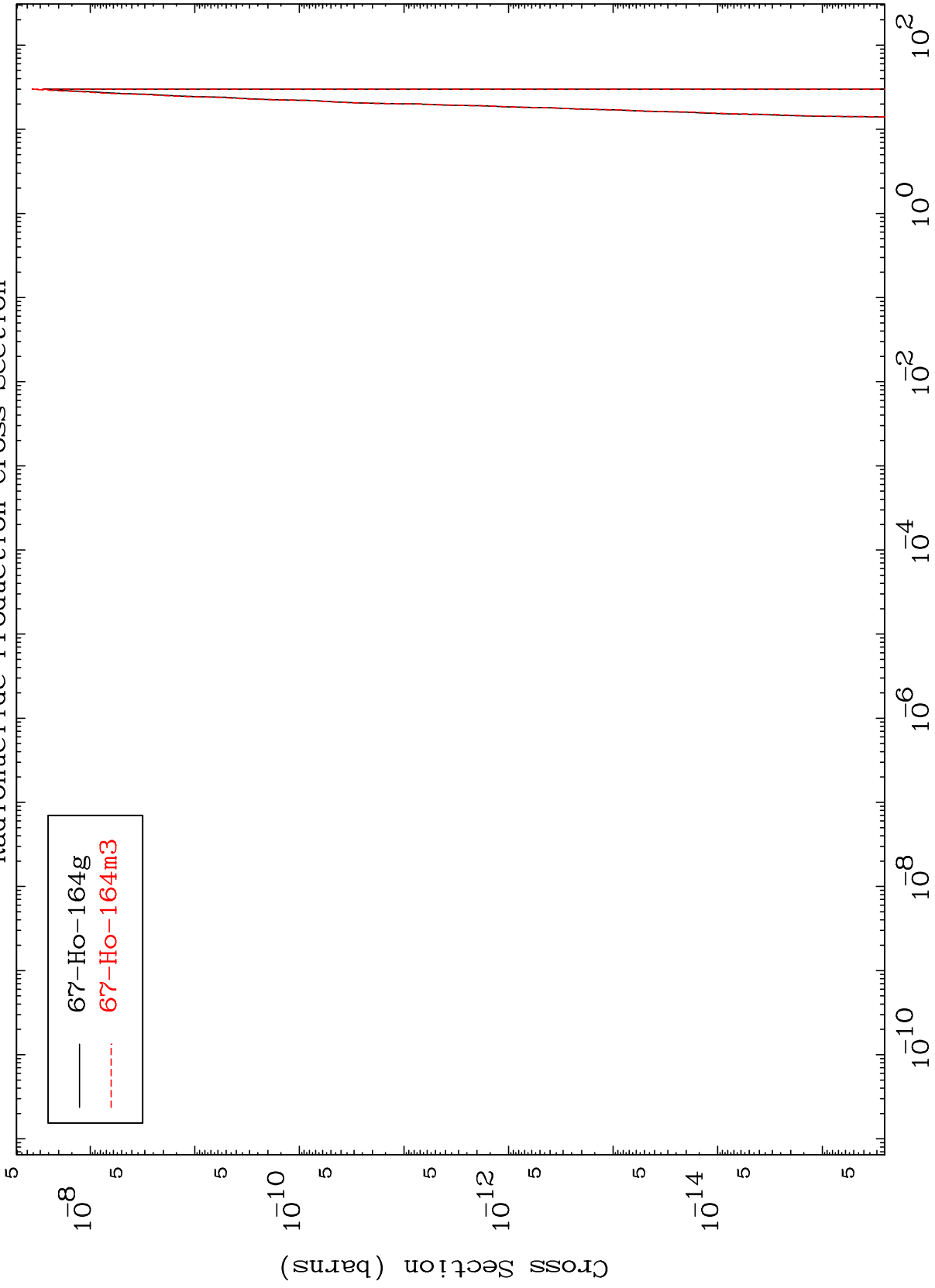
70-Yb-171

MAT 7034

(d,n') 2 α

70-Yb-171

Radionuclide Production Cross Section



16

Incident Energy (MeV)

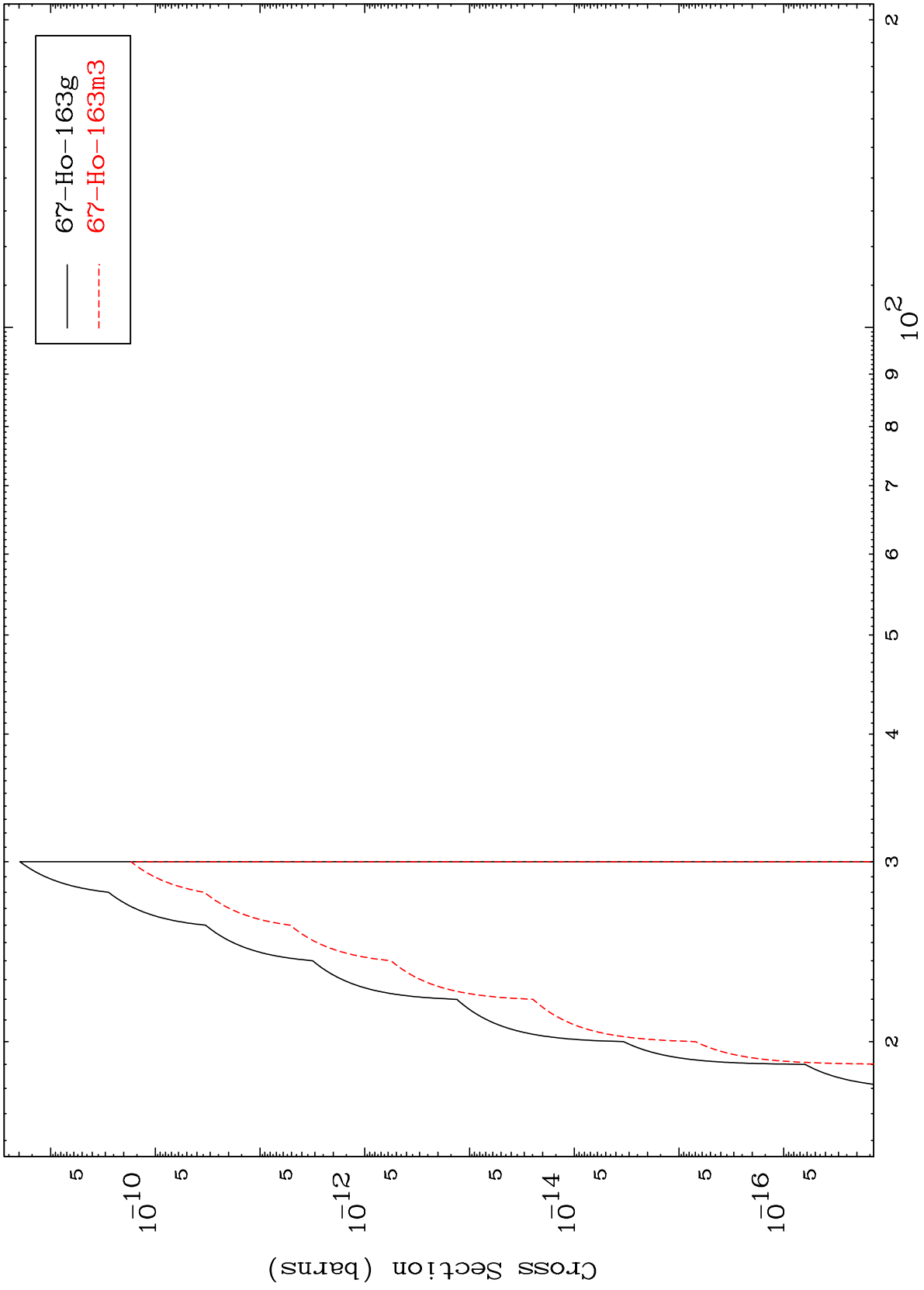
70-Yb-171

MAT 7034

(d,2n) 2 α

70-Yb-171

Radionuclide Production Cross Section



17

Incident Energy (MeV)

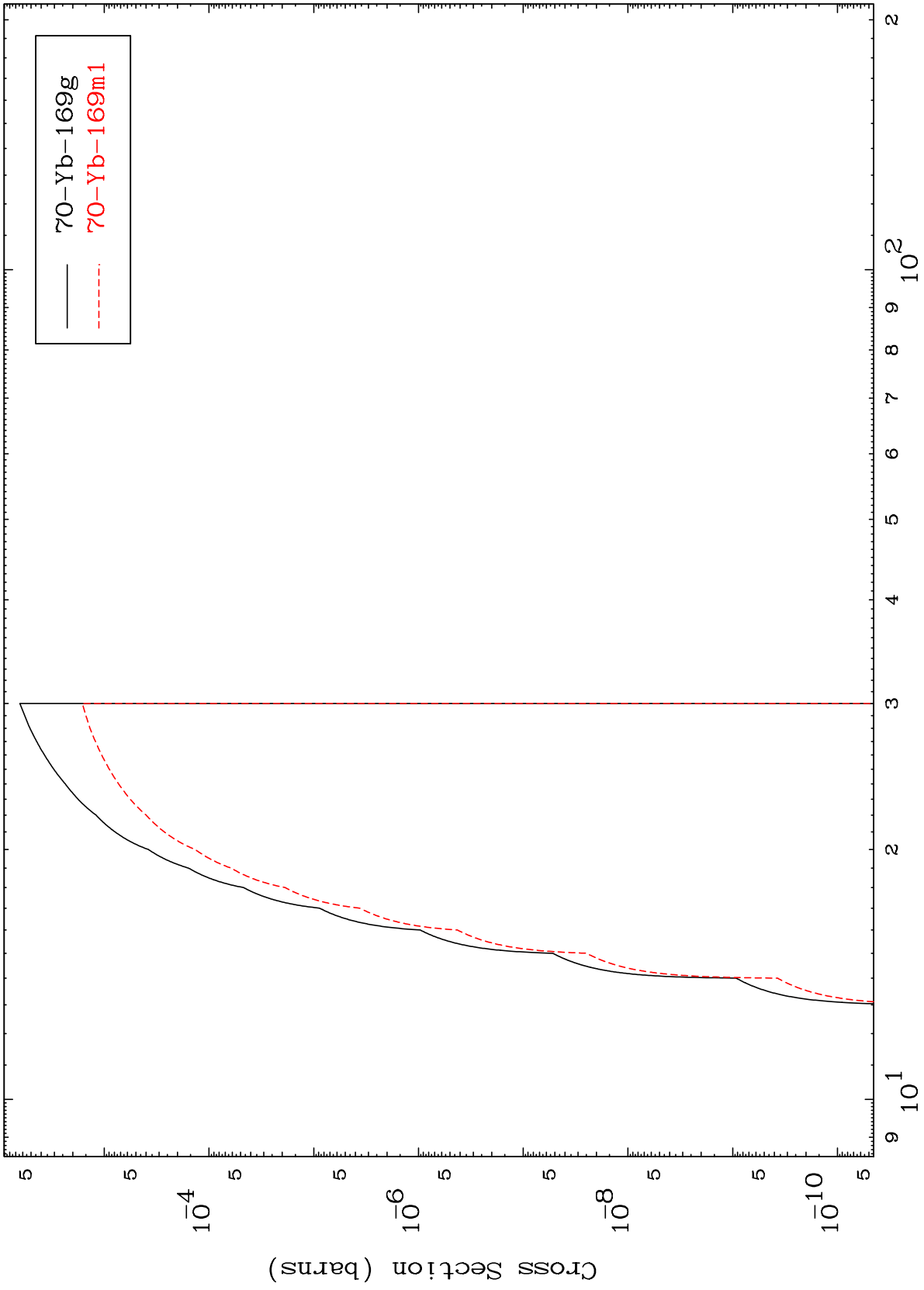
70-Yb-171

MAT 7034

(d,n') t

⁷⁰Yb-171

Radionuclide Production Cross Section



18

Incident Energy (MeV)

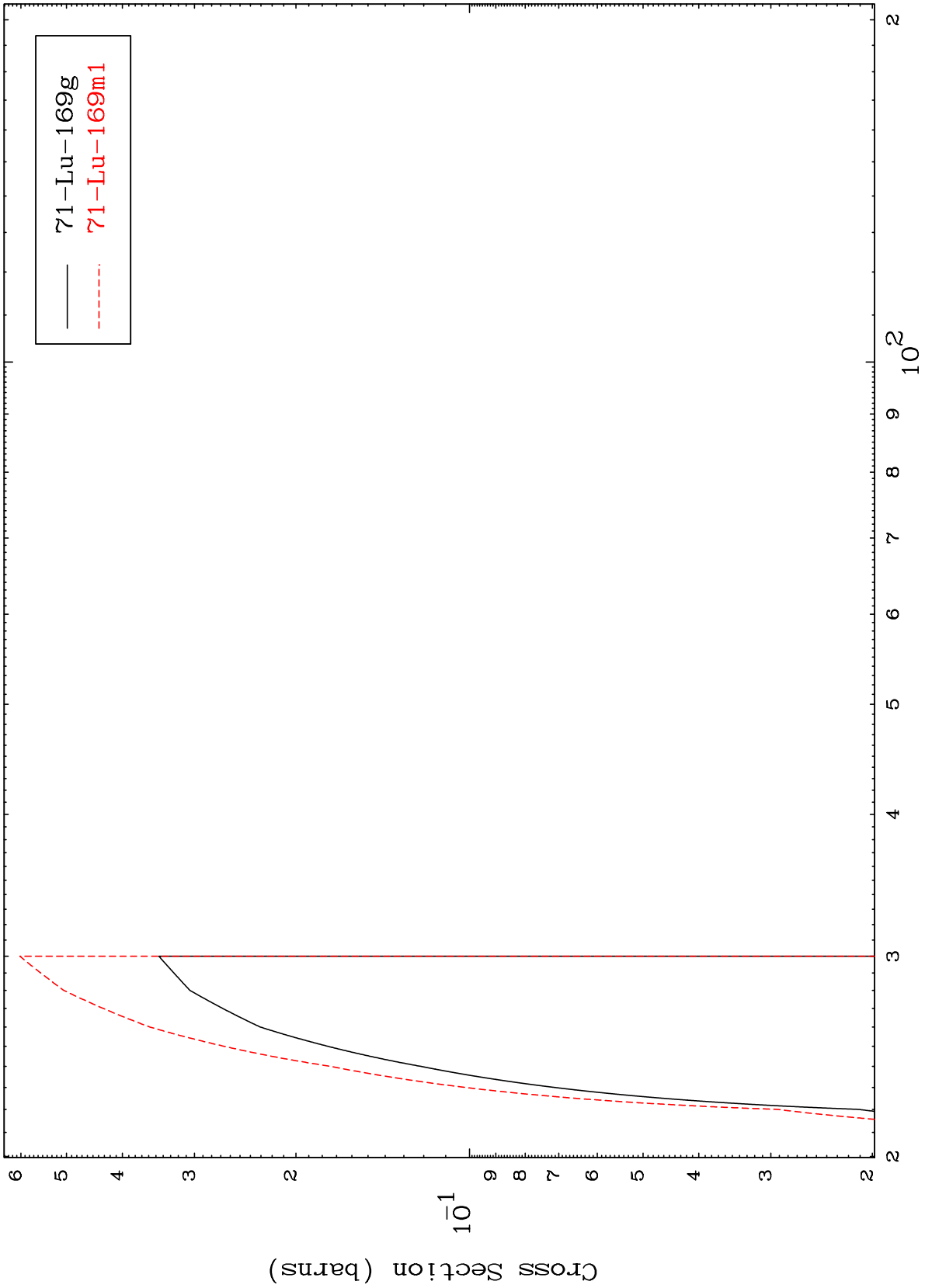
⁷⁰Yb-171

MAT 7034

(d,4n)

70-Yb-171

Radionuclide Production Cross Section



19

Incident Energy (MeV)

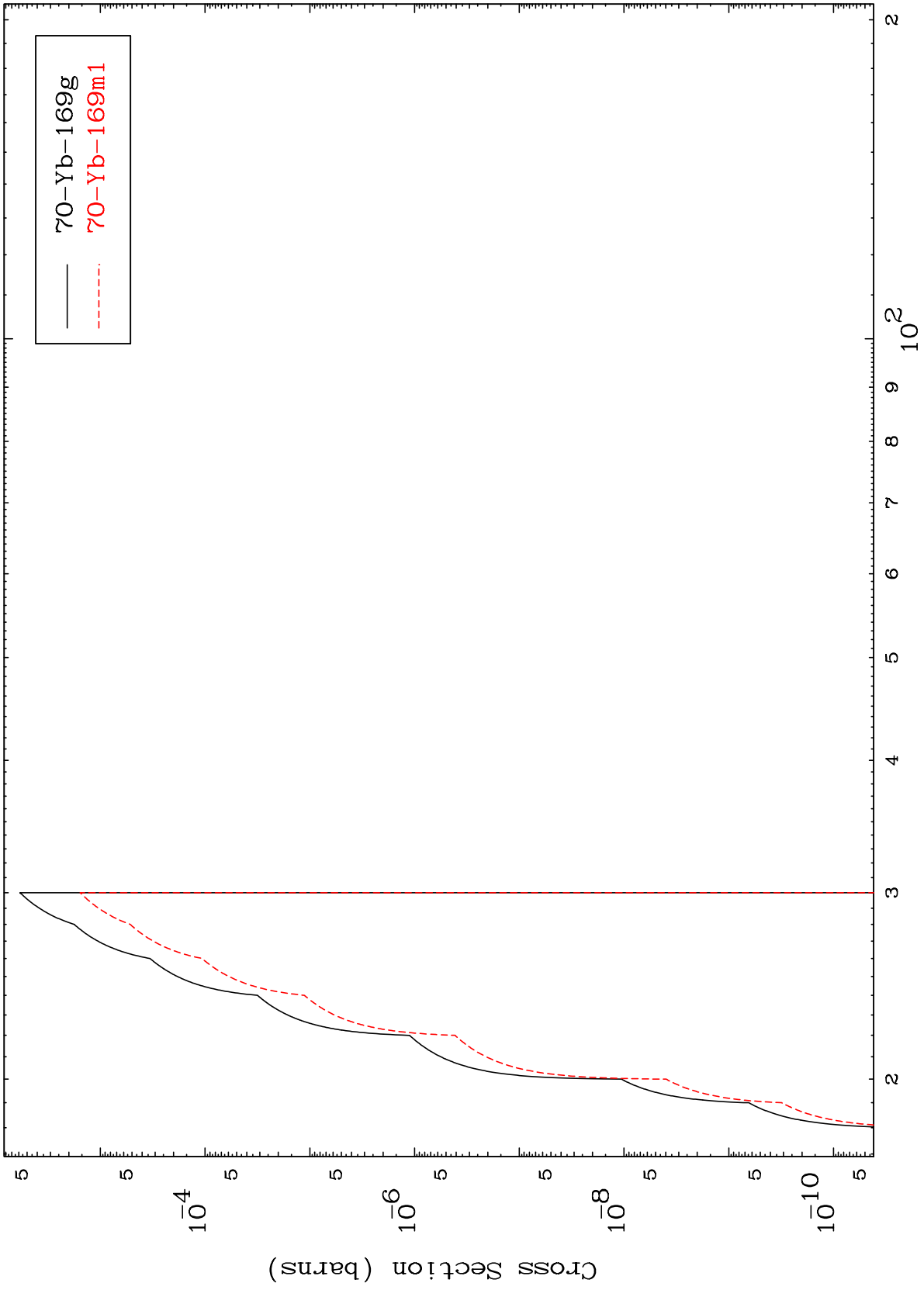
70-Yb-171

MAT 7034

(d,3n) p

⁷⁰Yb-171

Radionuclide Production Cross Section



20

Incident Energy (MeV)

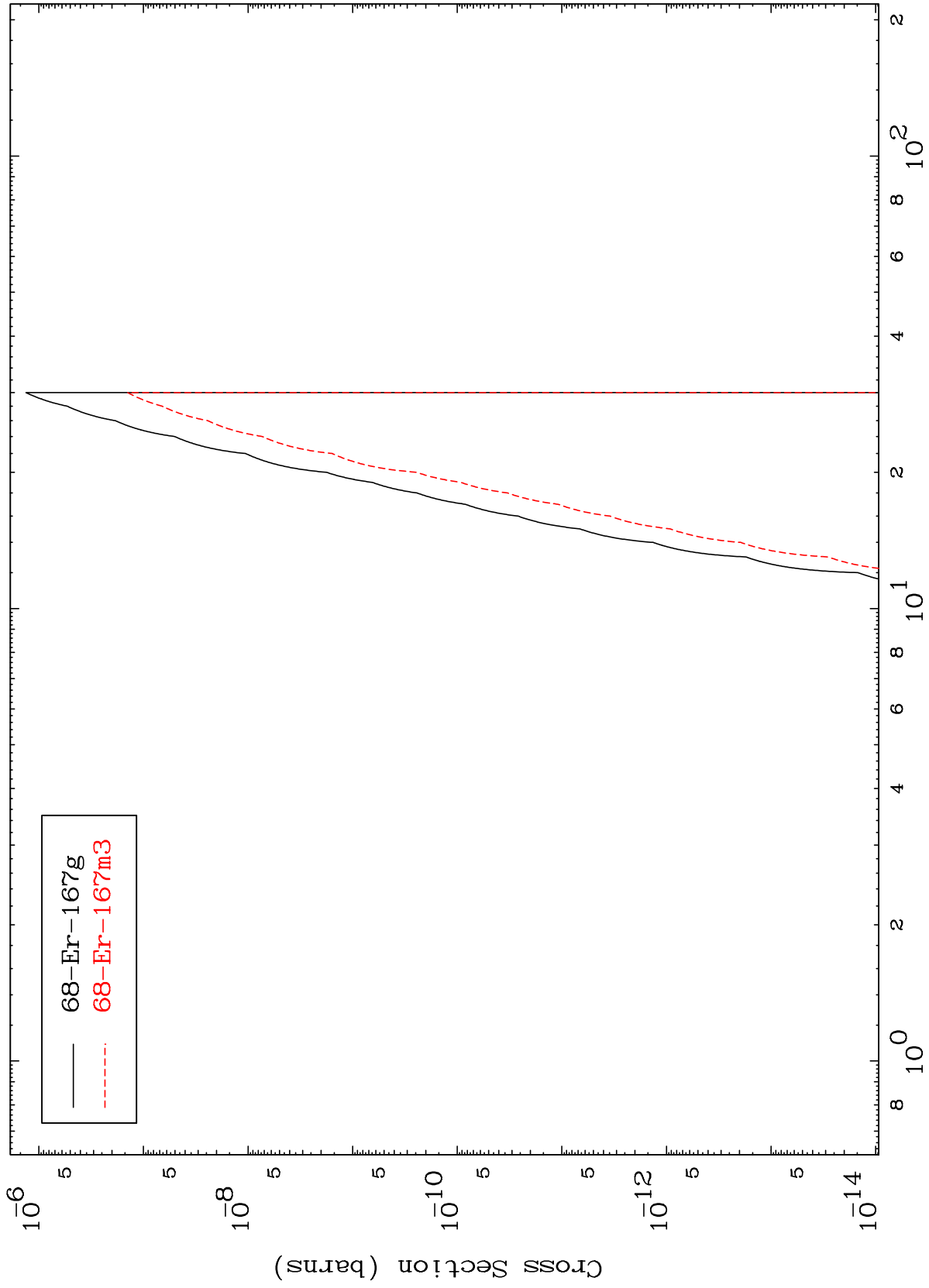
⁷⁰Yb-171

MAT 7034

(d,n') p α

70-Yb-171

Radionuclide Production Cross Section



21

Incident Energy (MeV)

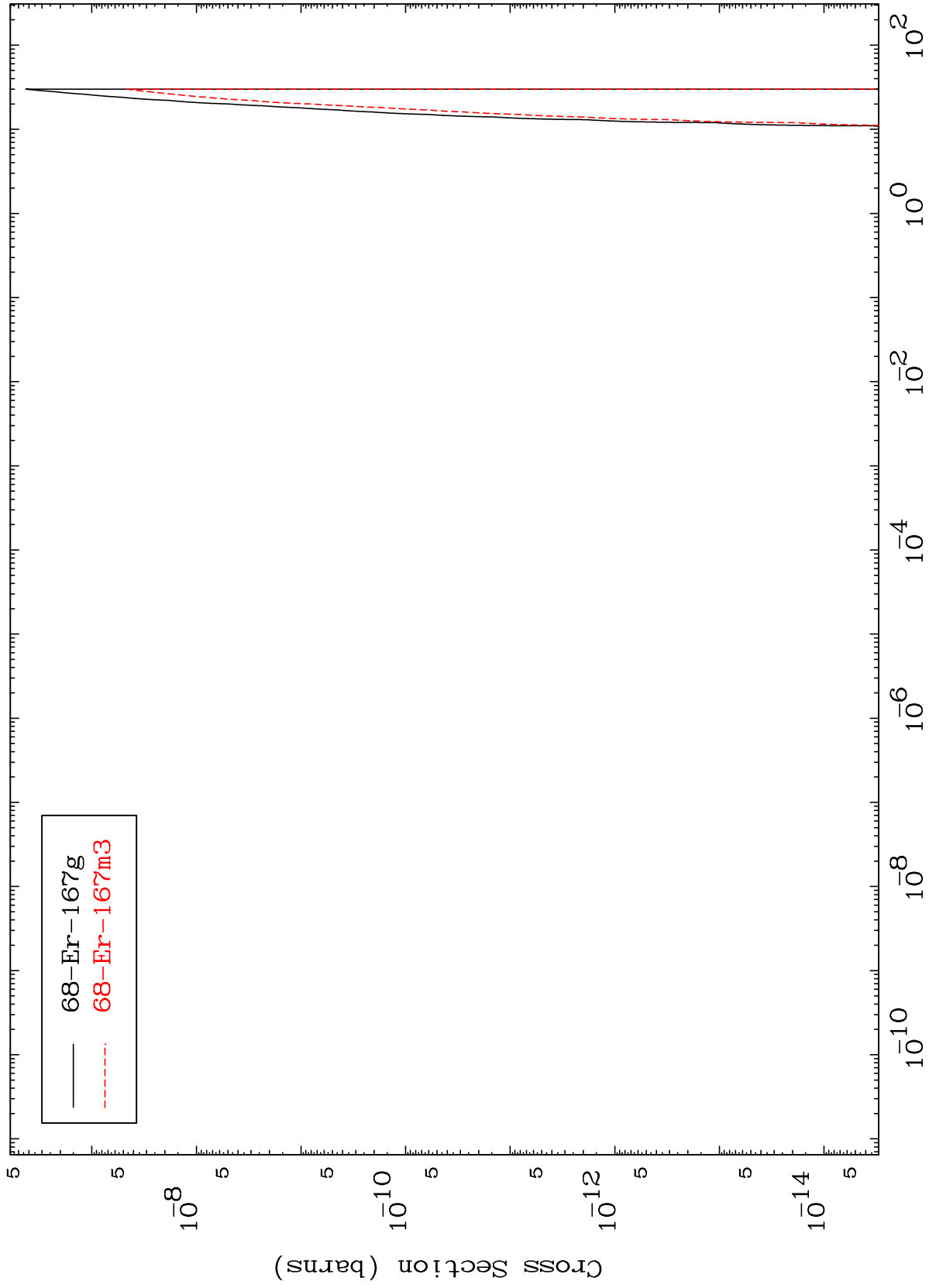
70-Yb-171

MAT 7034

(d,d) α

70-Yb-171

Radionuclide Production Cross Section



22

Incident Energy (MeV)

70-Yb-171