

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

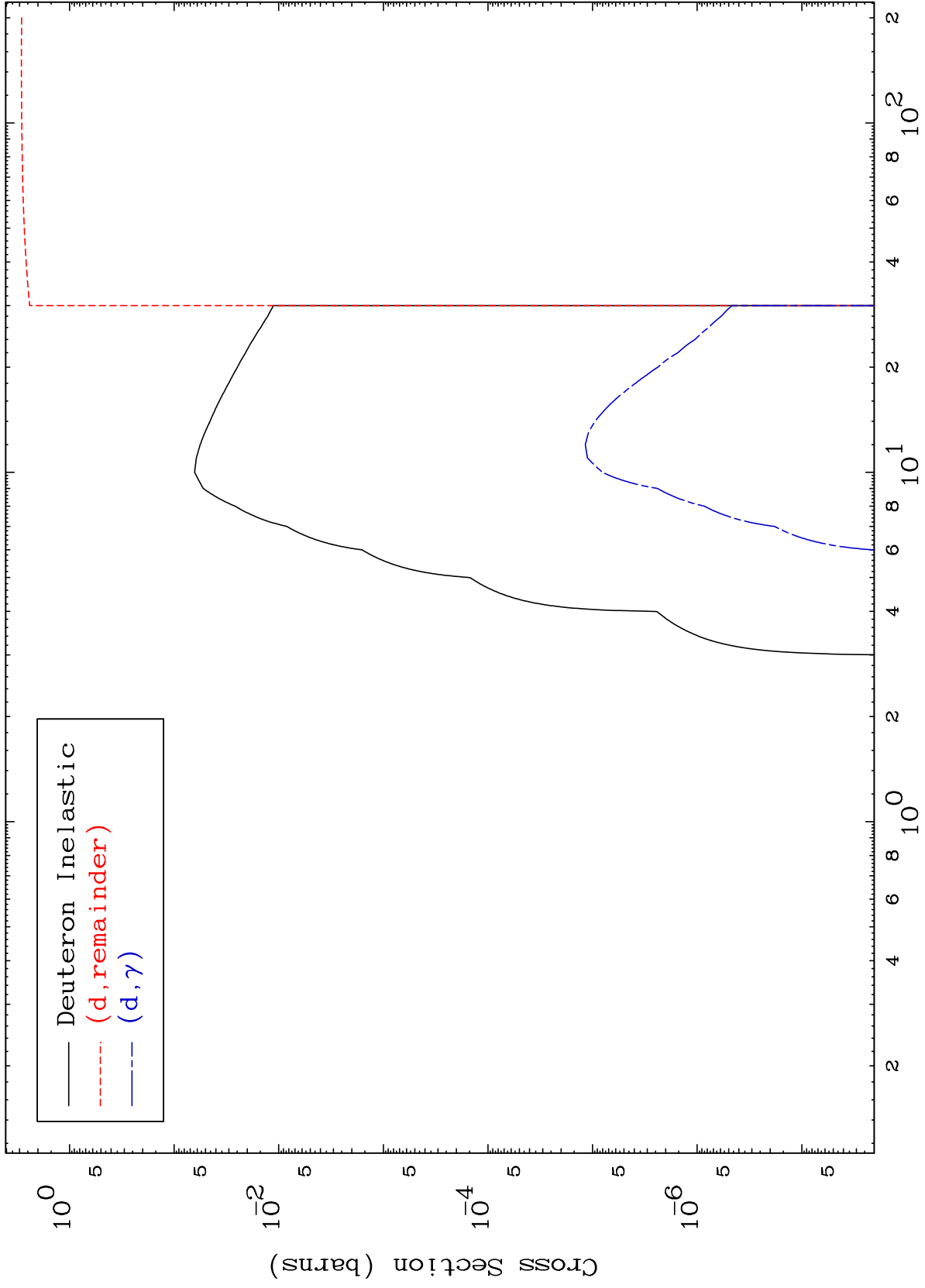
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

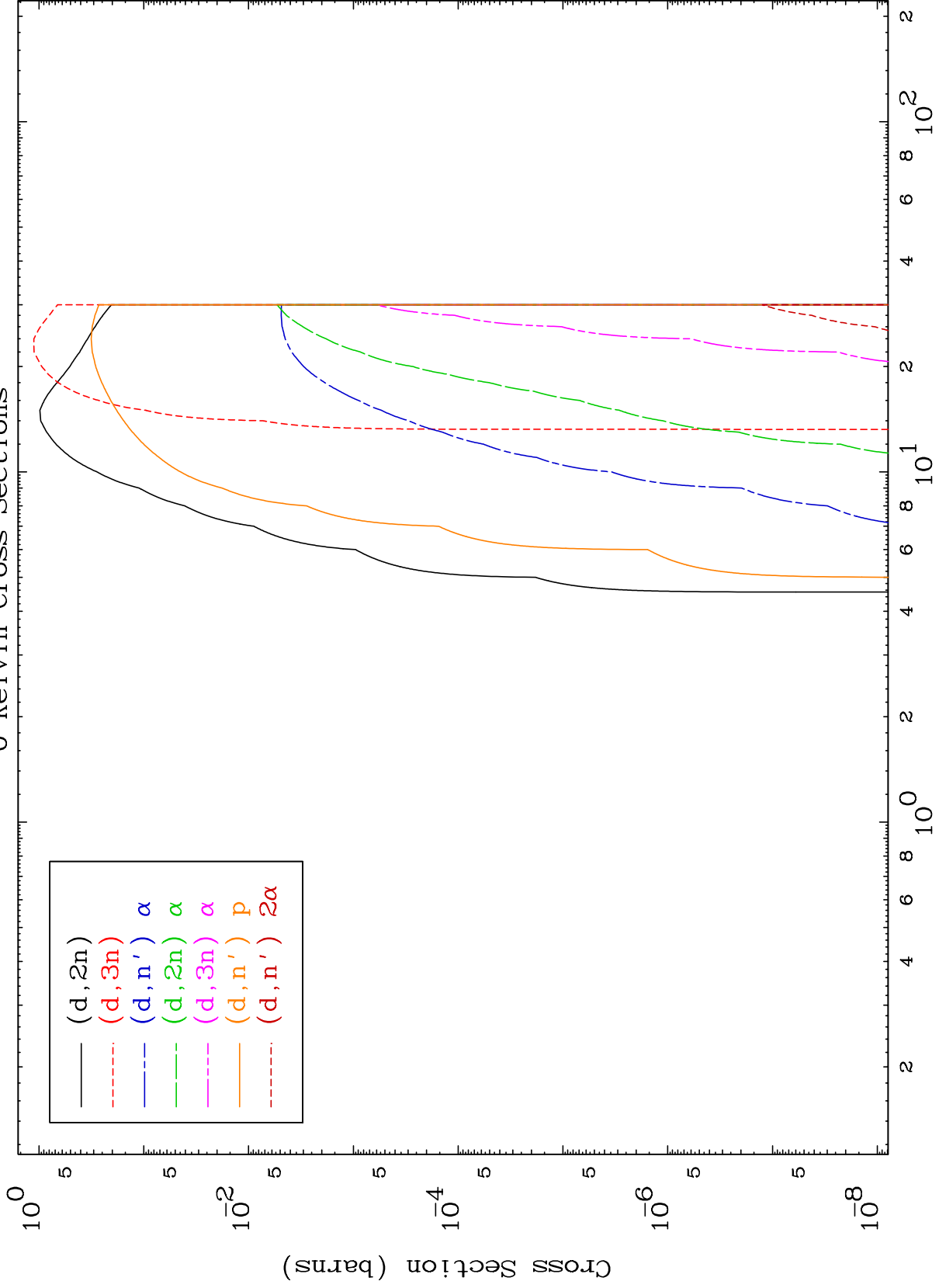


— Deuteron Inelastic
- - - (d, remainder)
- - - (d, γ)

MAT 7034

Deuteron Neutron Production
0 Kelvin Cross Sections

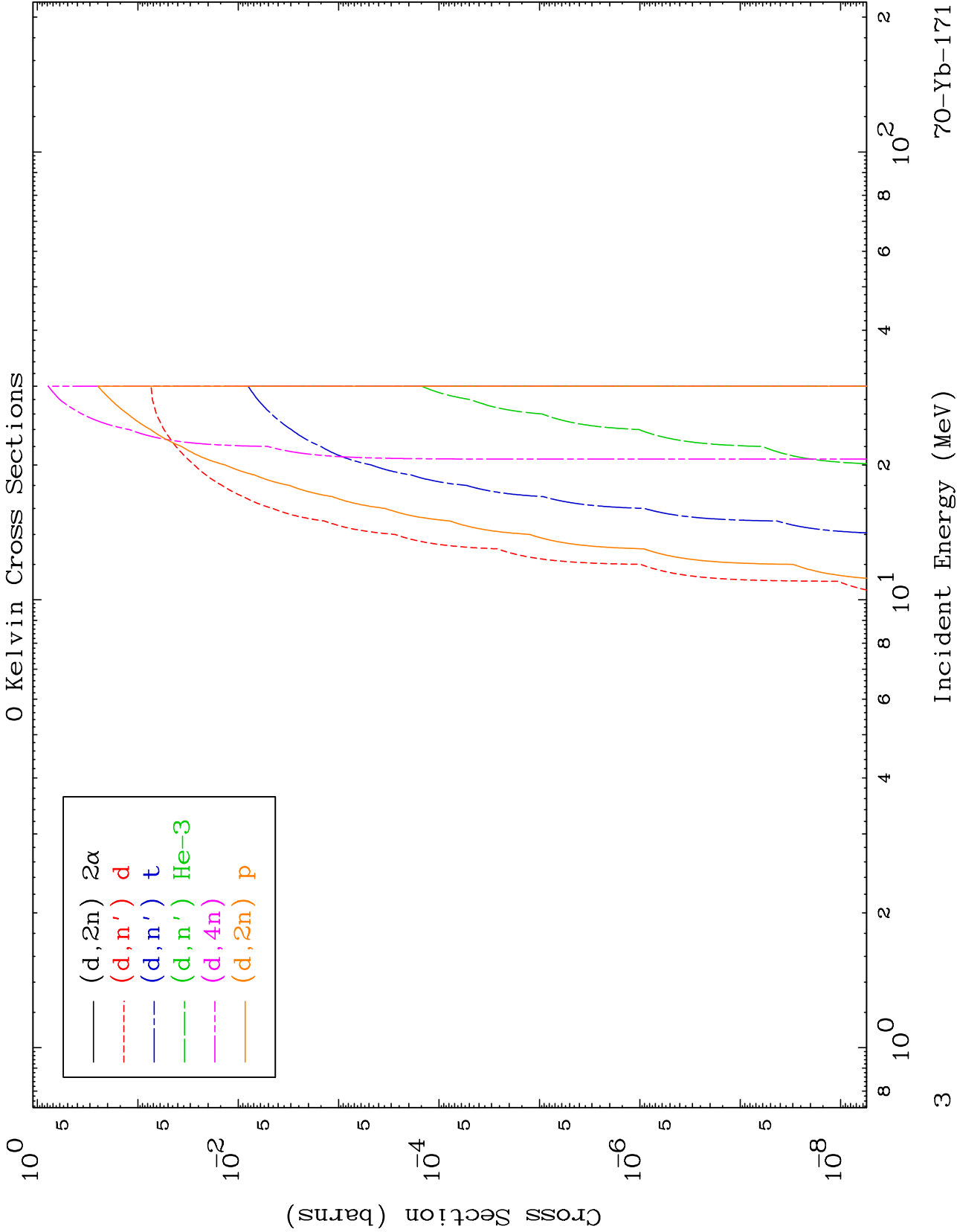
70-Yb-171



MAT 7034

Deuteron Neutron Production
0 Kelvin Cross Sections

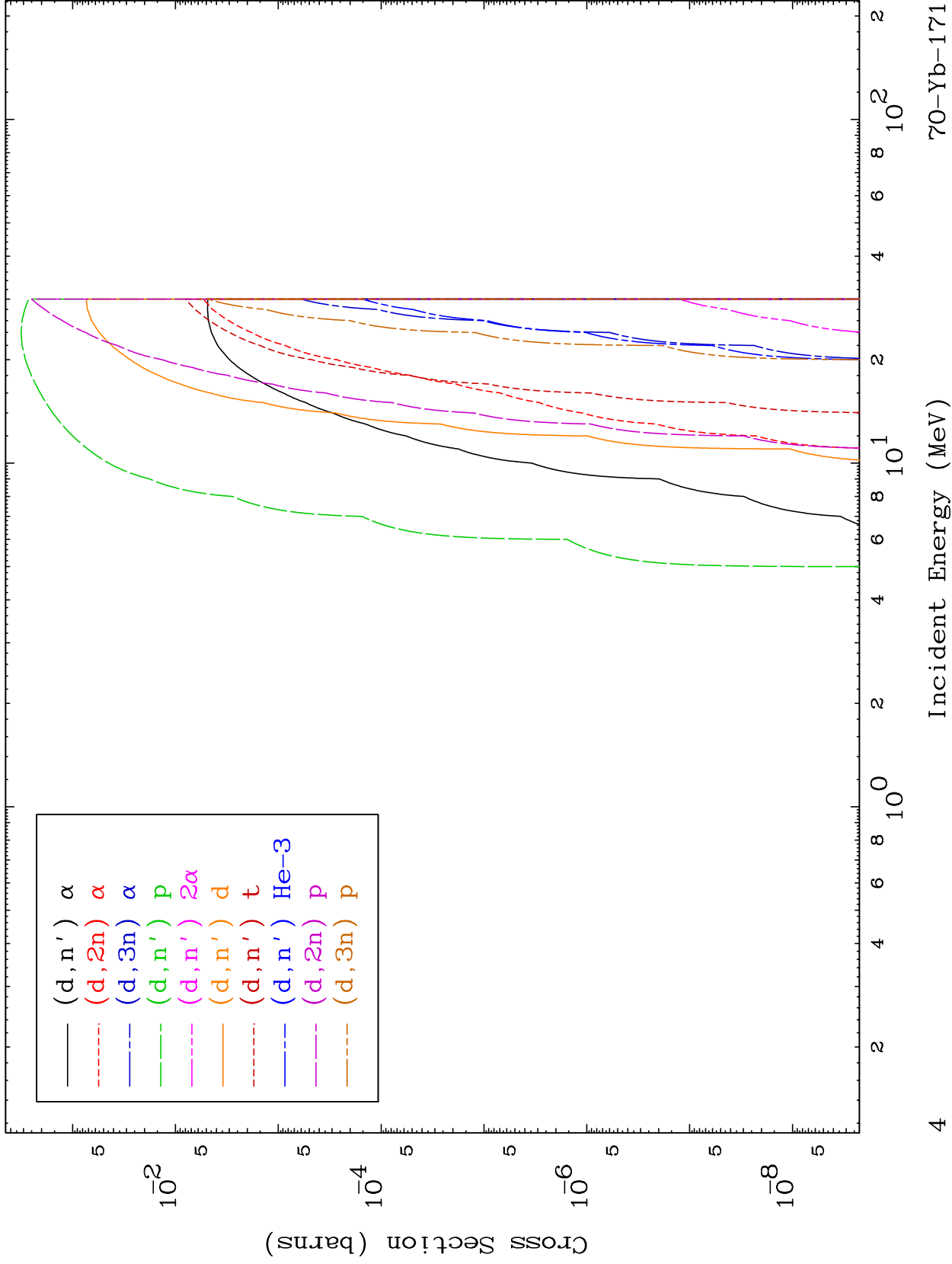
70-Yb-171

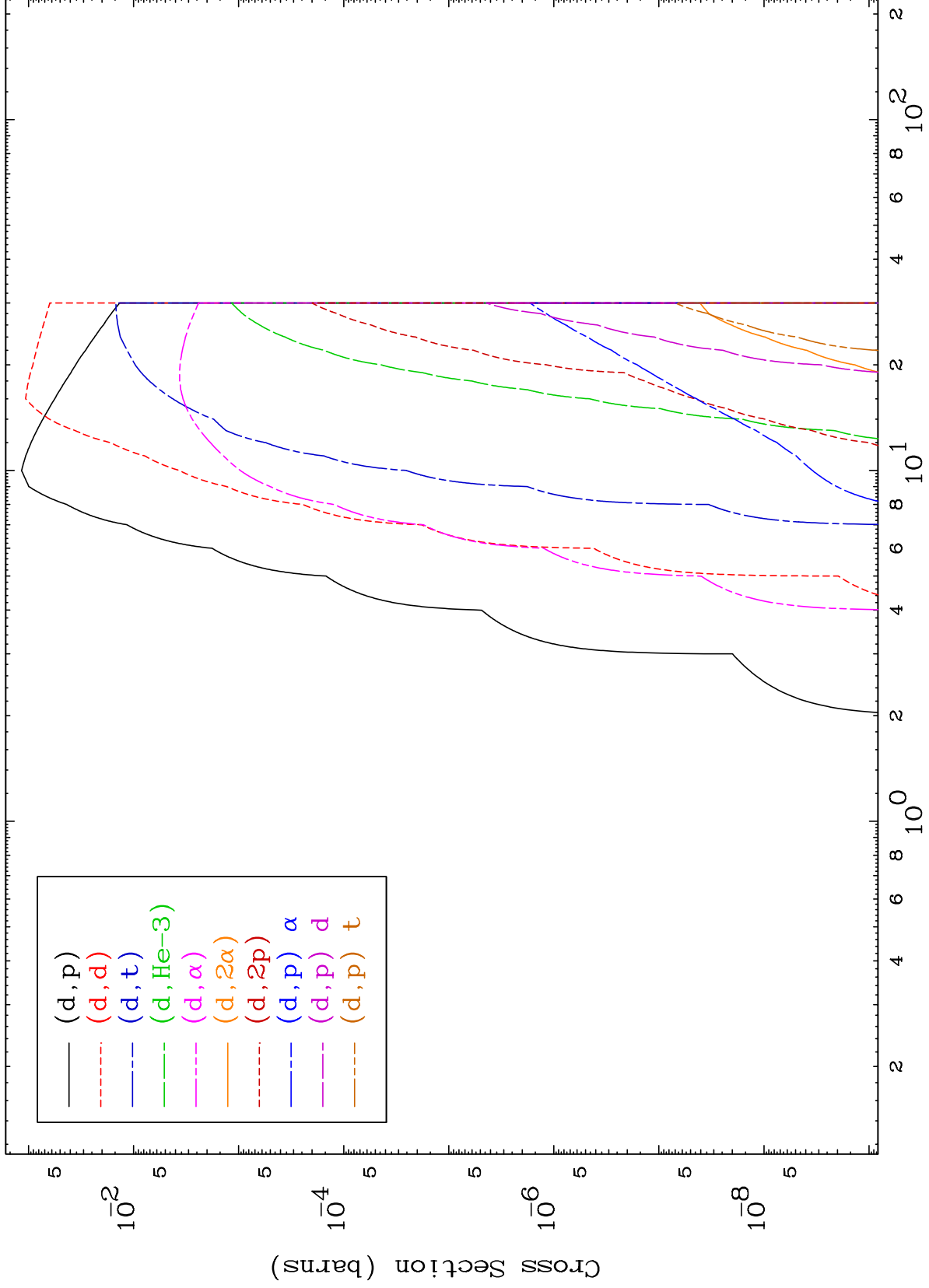


70-Yb-171

Incident Energy (MeV)

3



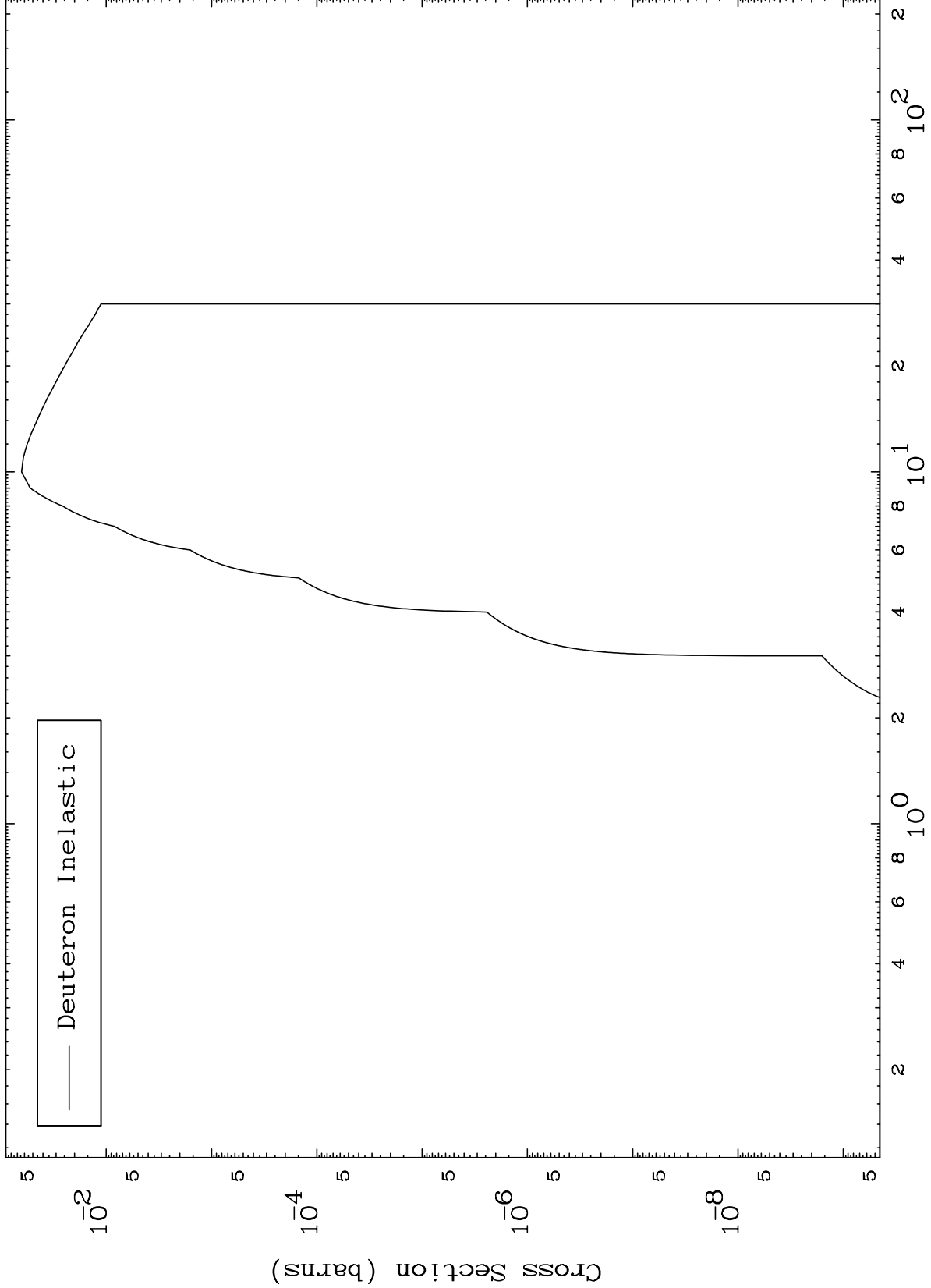


MAT 7034

(d,n') Level

70-Yb-171

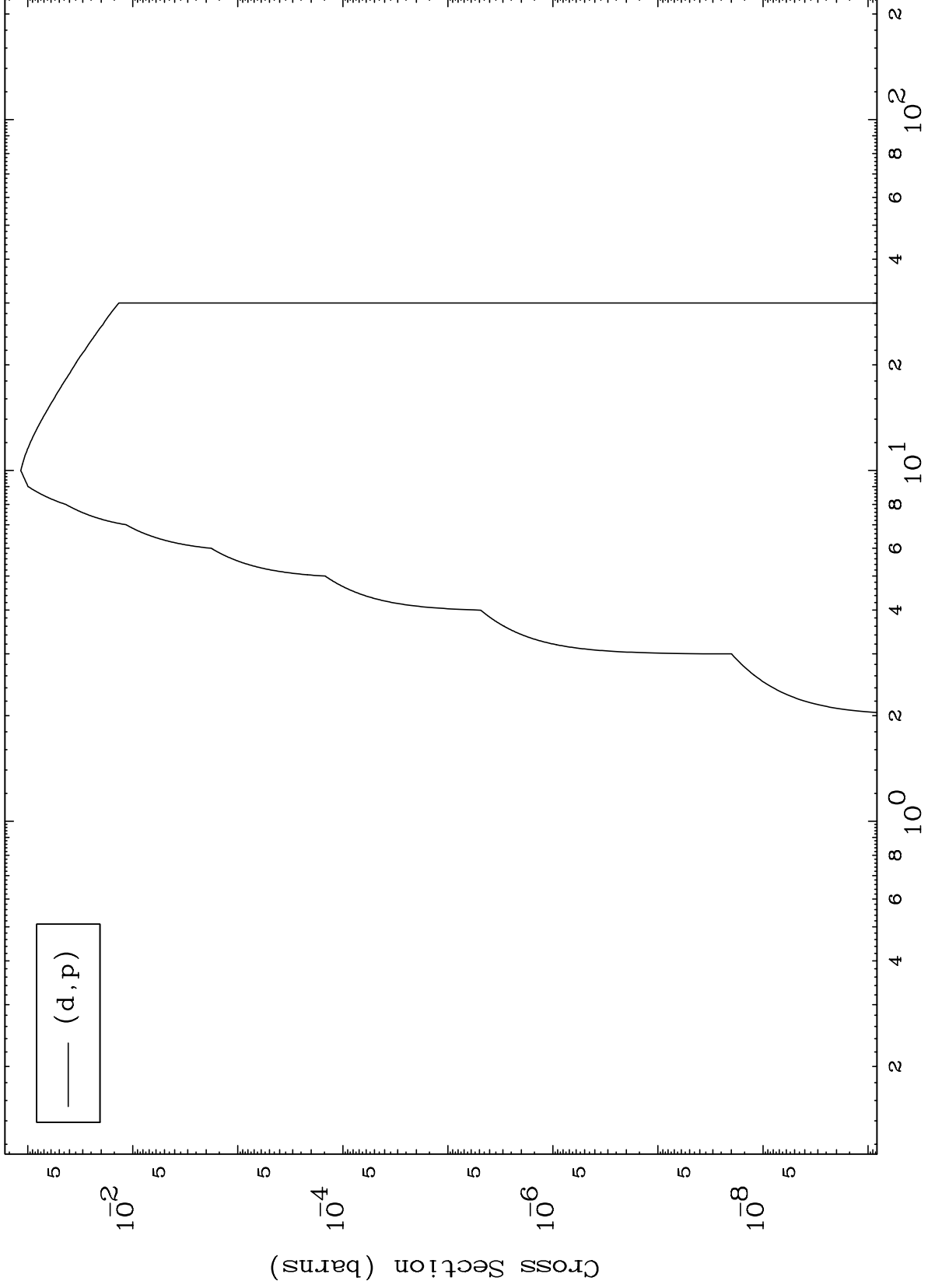
0 Kelvin Cross Sections



MAT 7034

(d,p) Levels
0 Kelvin Cross Sections

70-Yb-171

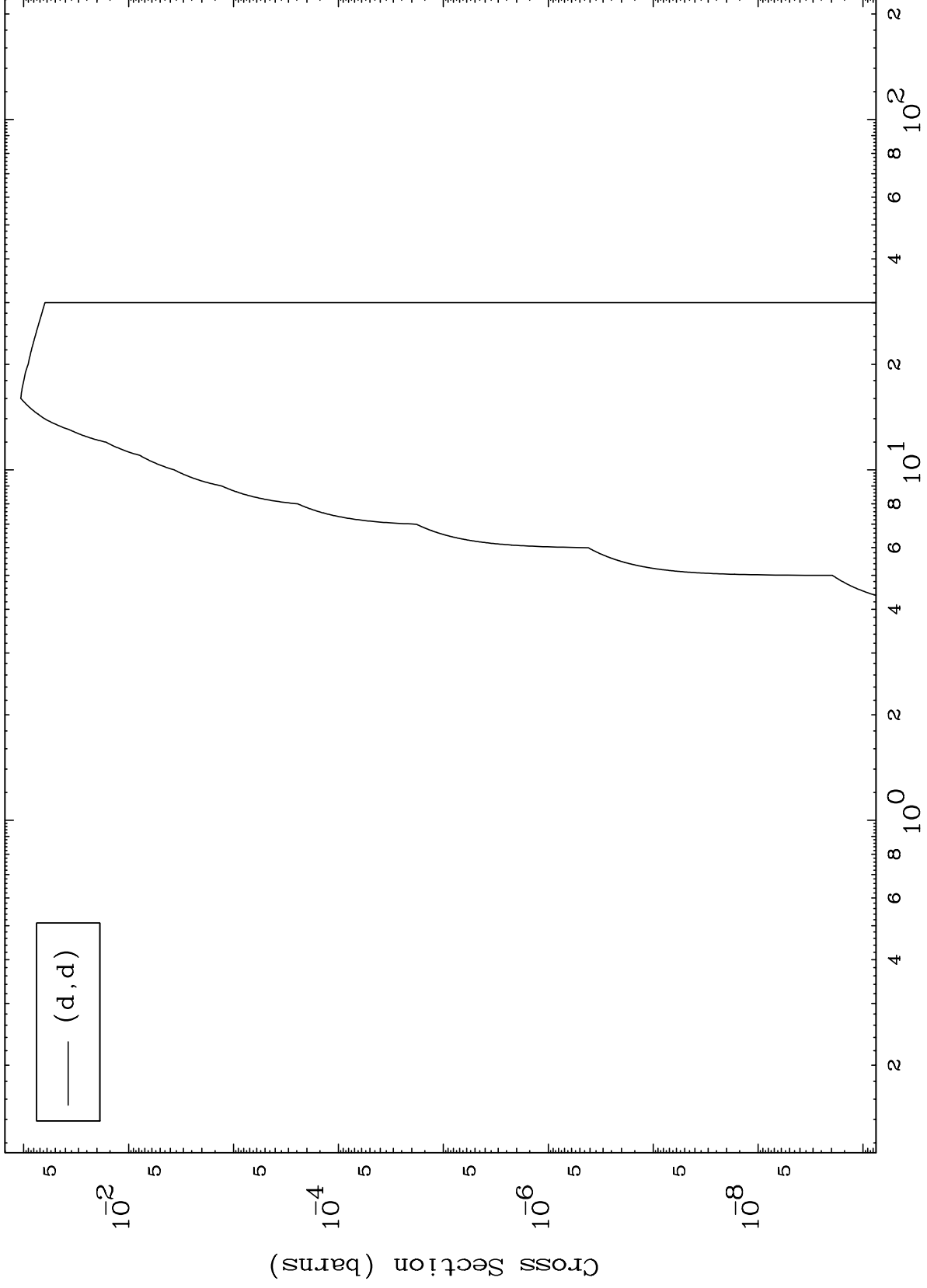


MAT 7034

(d,d) Levels

70-Yb-171

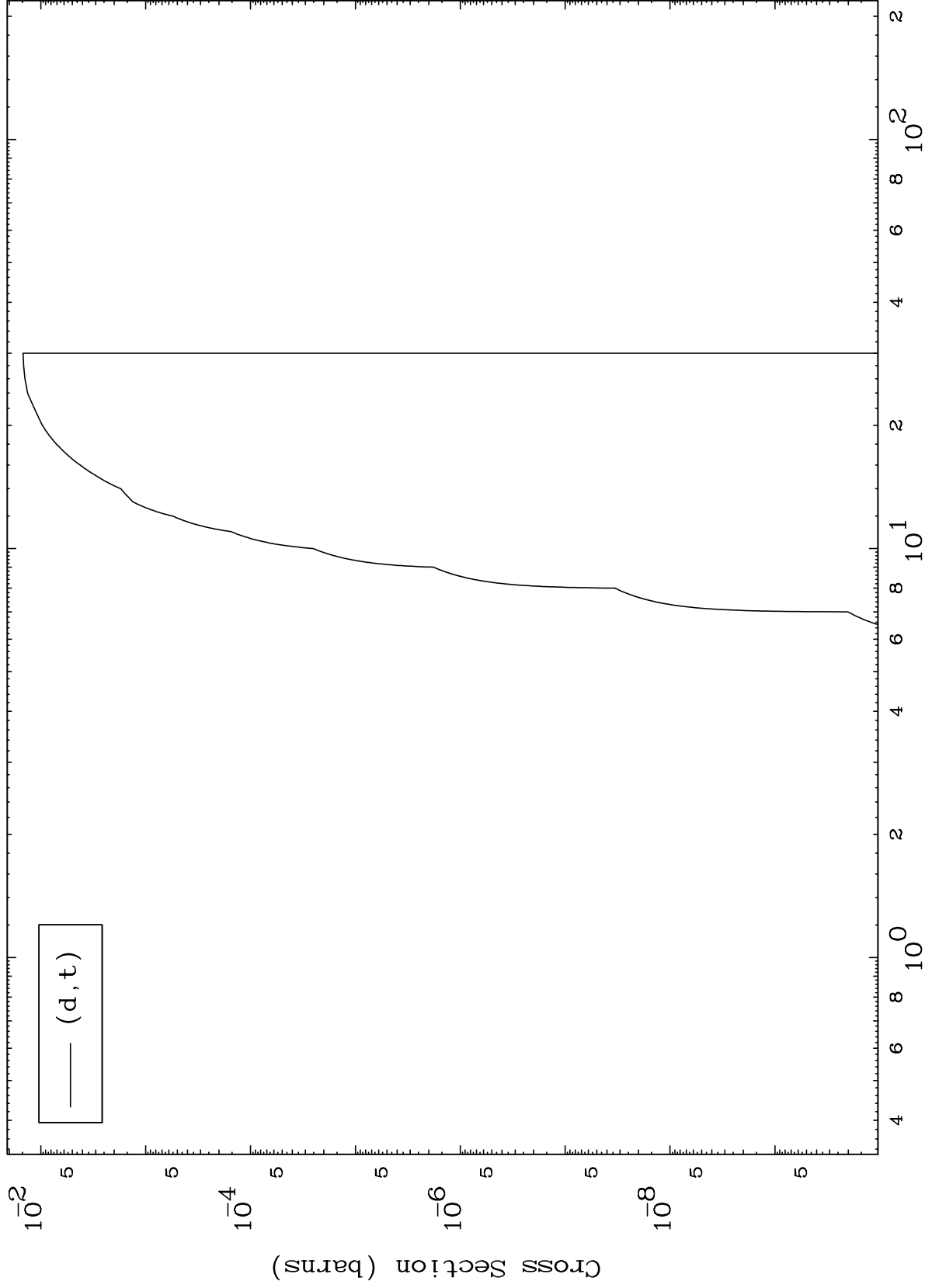
0 Kelvin Cross Sections



MAT 7034

70-Yb-171

(d,t) Levels
0 Kelvin Cross Sections



9

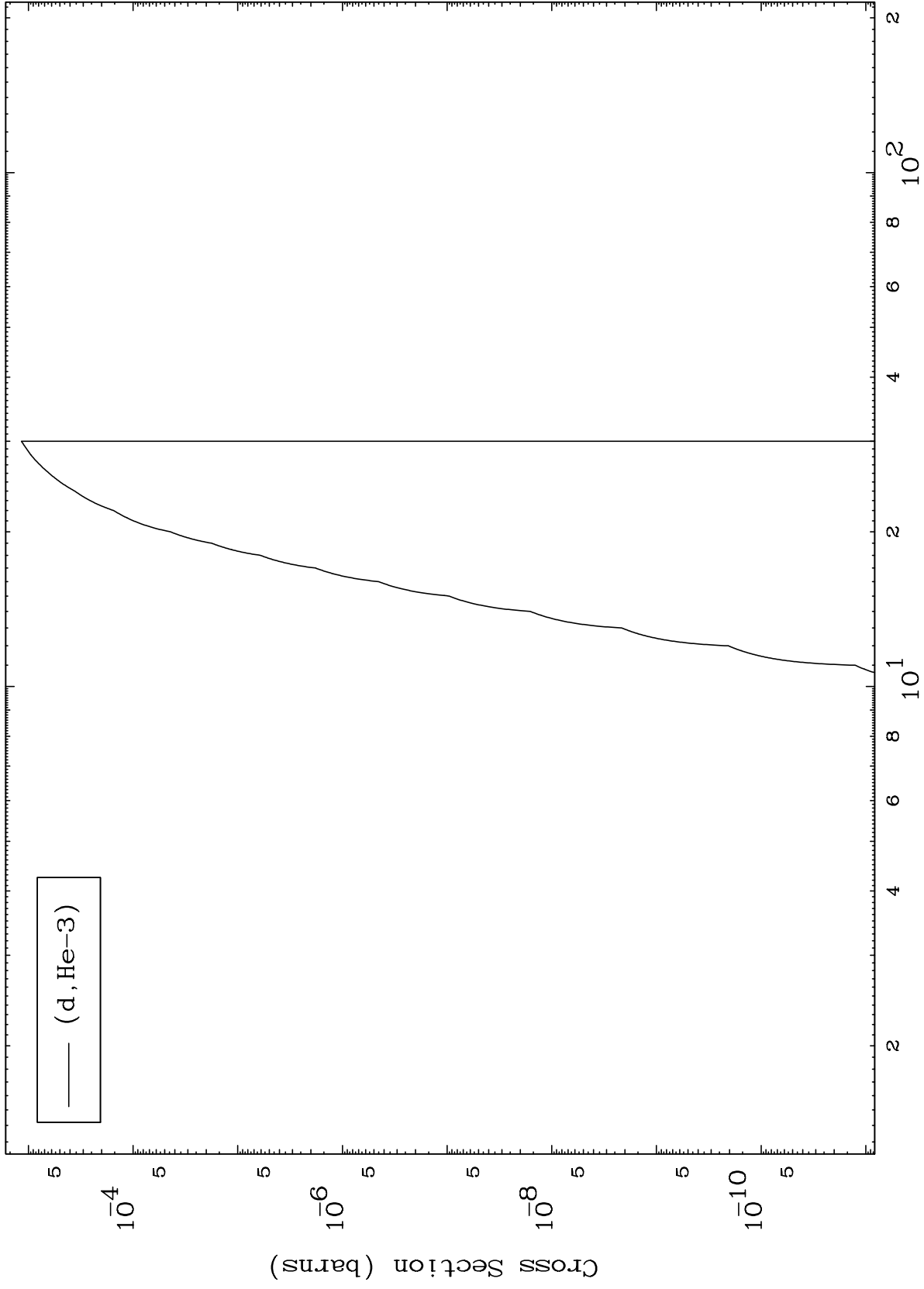
Incident Energy (MeV)

70-Yb-171

MAT 7034

(d,He3) Levels
0 Kelvin Cross Sections

70-Yb-171



10

Incident Energy (MeV)

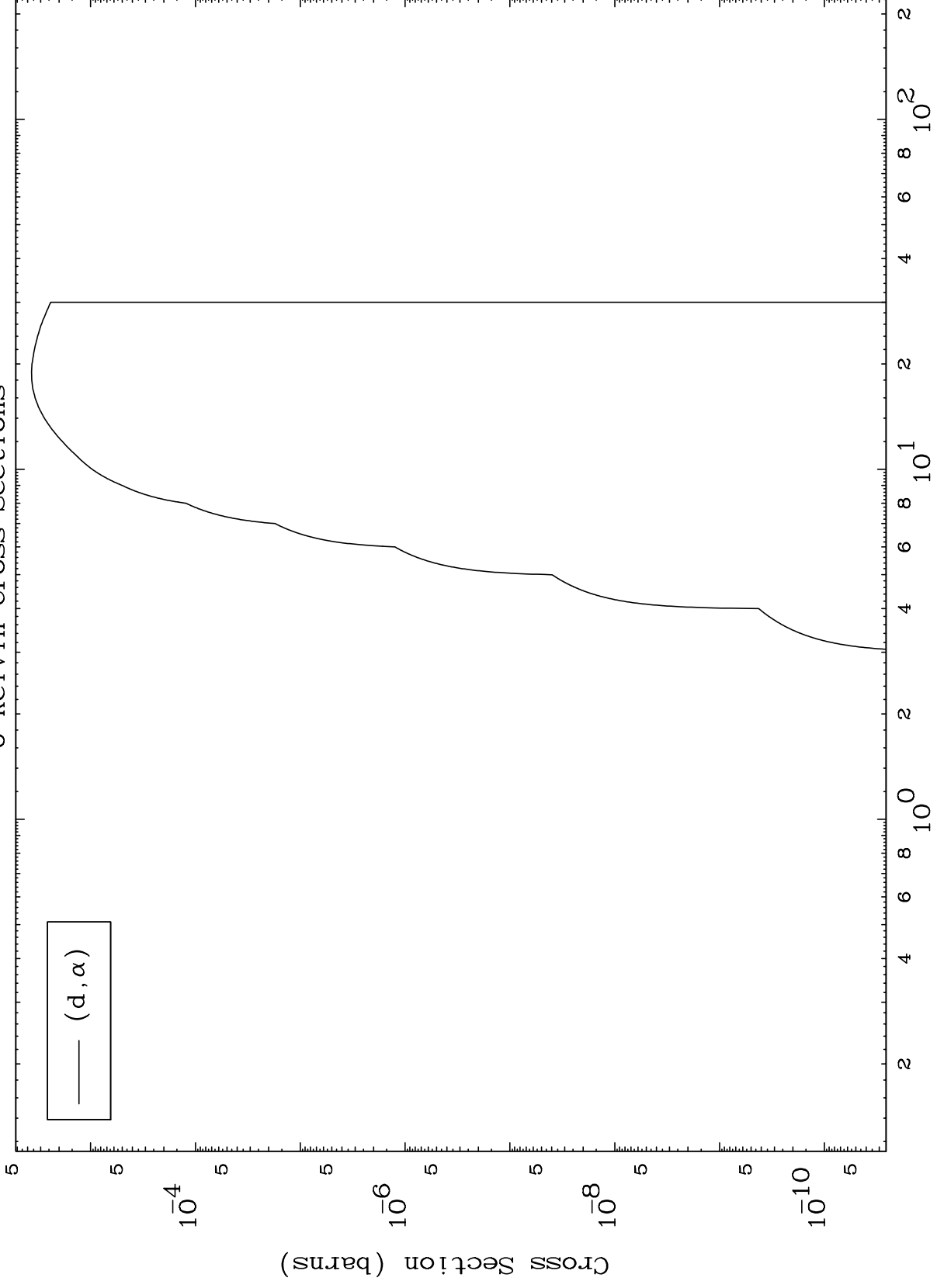
70-Yb-171

MAT 7034

(d, α) Levels

70-Yb-171

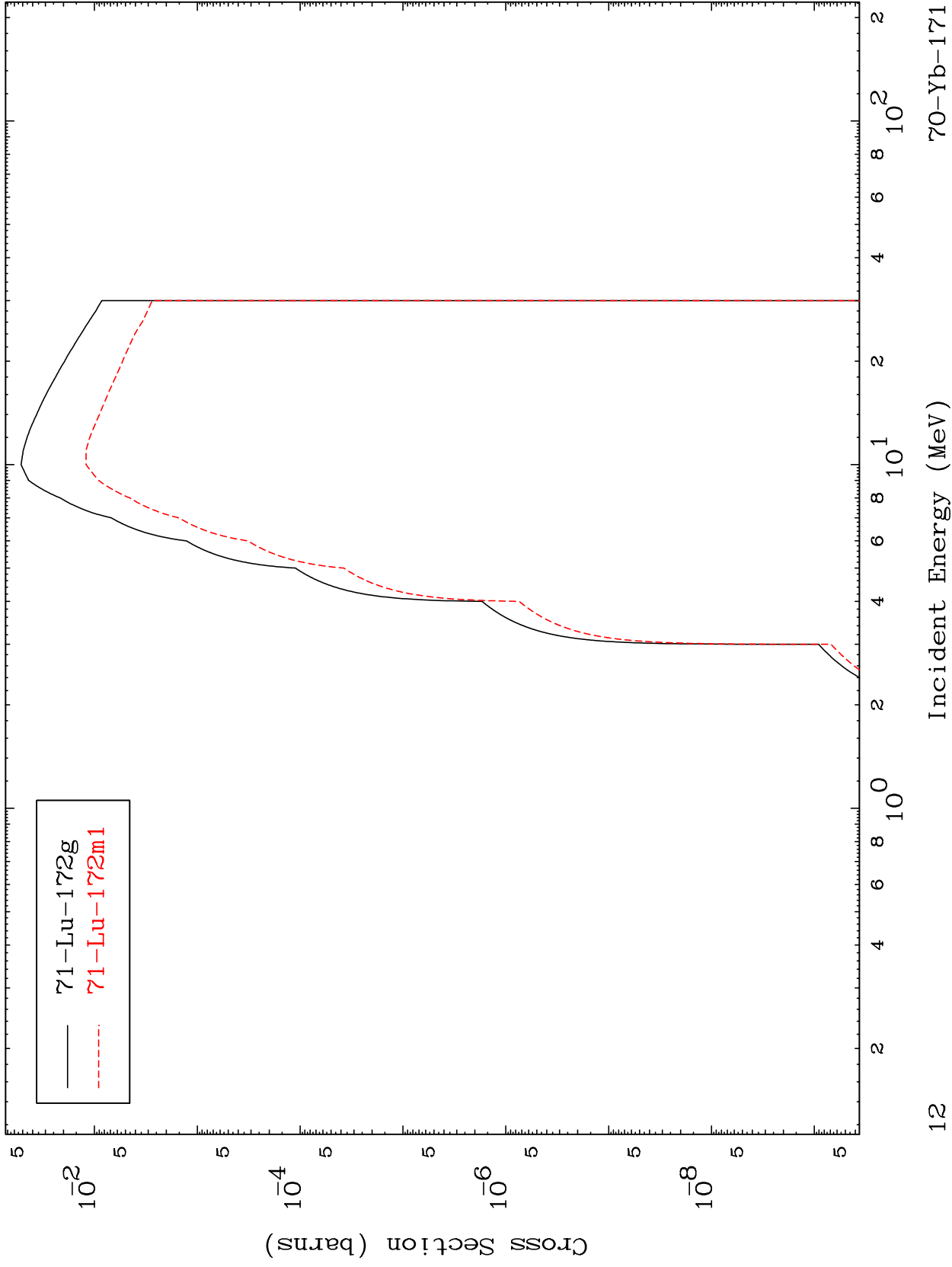
0 Kelvin Cross Sections



MAT 7034

Deuteron Inelastic
Radionuclide Production Cross Section

70-Yb-171



12

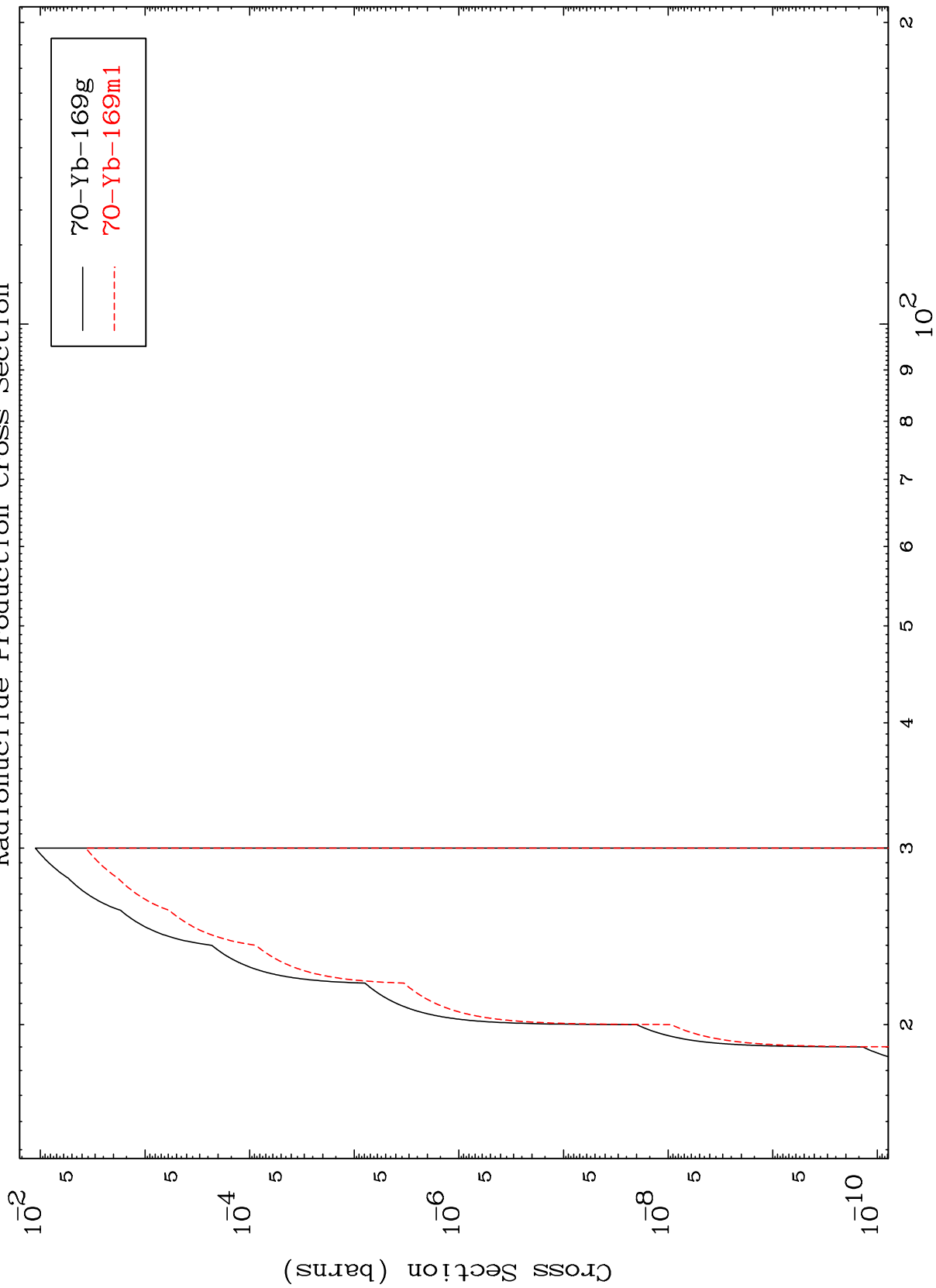
70-Yb-171

MAT 7034

(d,2n) d

70-Yb-171

Radionuclide Production Cross Section



13

Incident Energy (MeV)

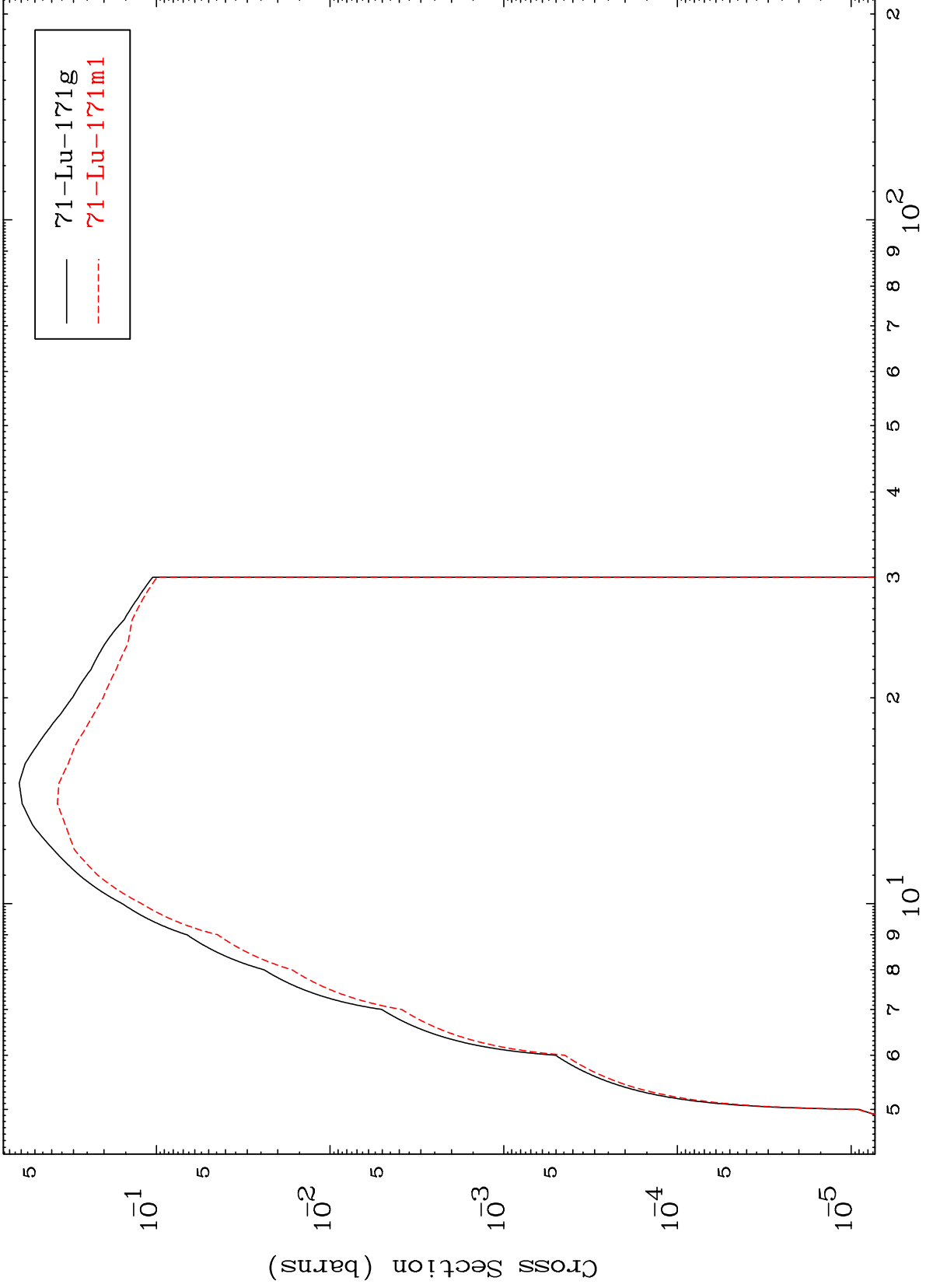
70-Yb-171

MAT 7034

(d,2n)

70-Yb-171

Radionuclide Production Cross Section



14

Incident Energy (MeV)

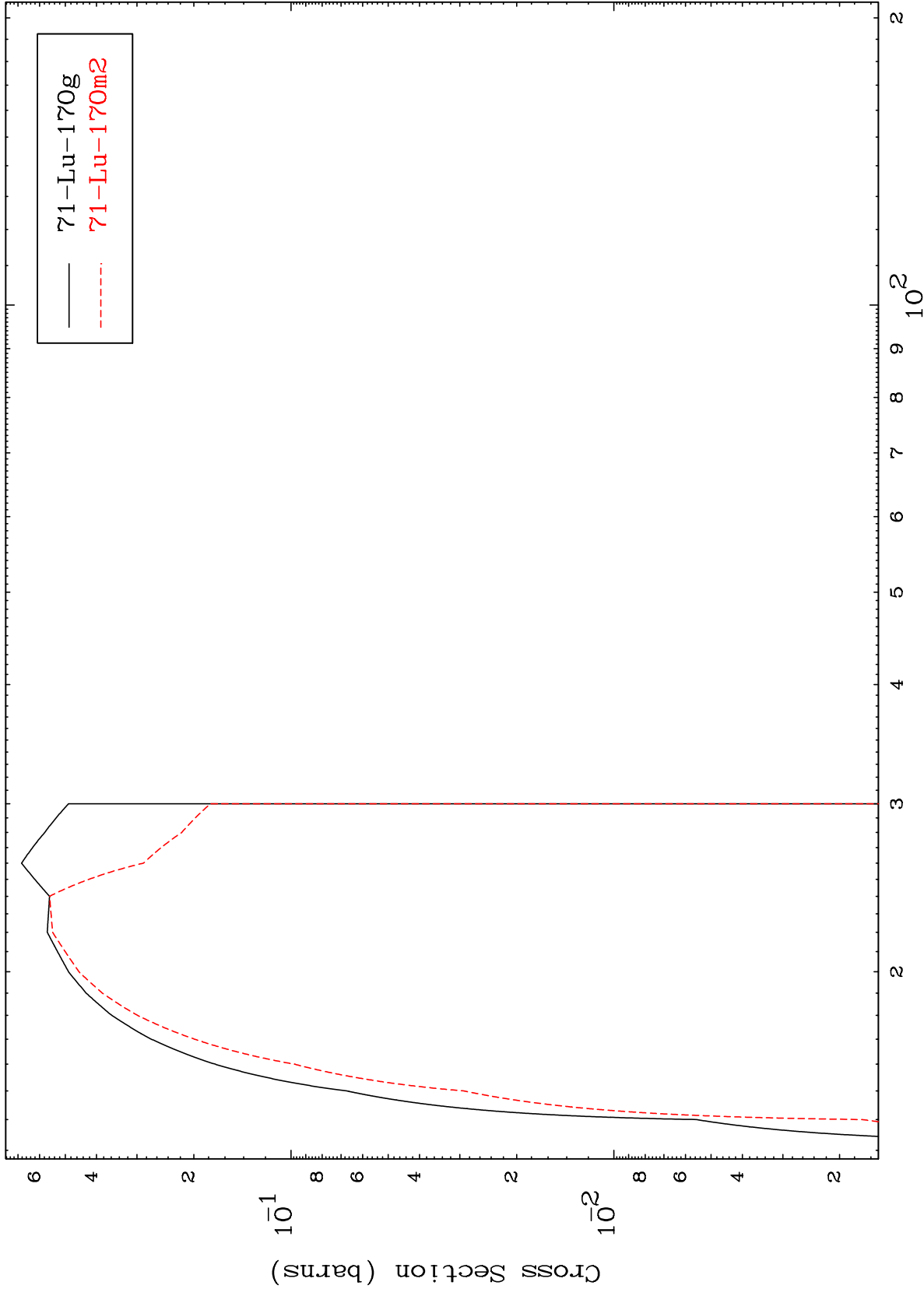
70-Yb-171

MAT 7034

(d,3n)

70-Yb-171

Radionuclide Production Cross Section



15

Incident Energy (MeV)

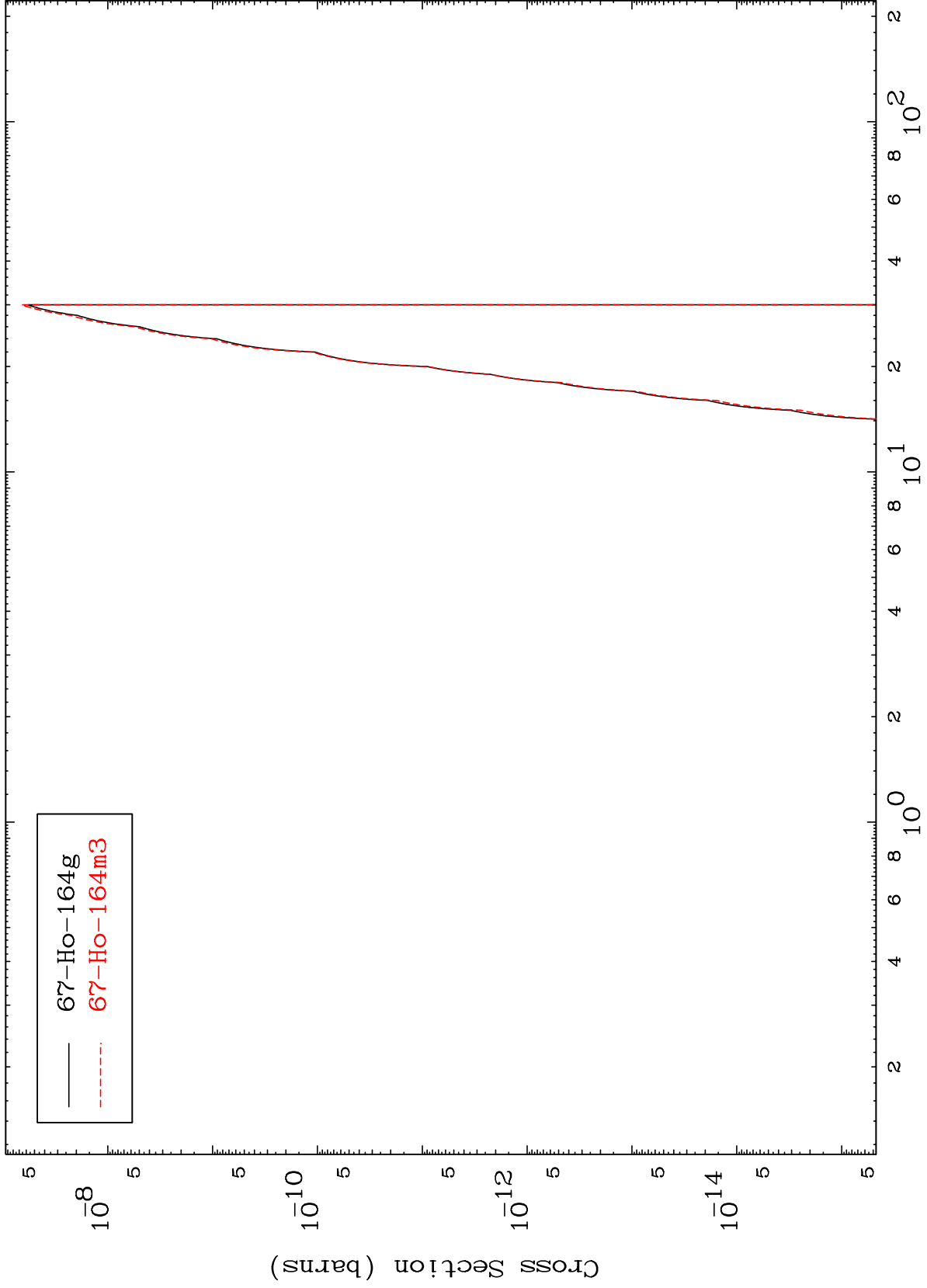
70-Yb-171

MAT 7034

(d,n') 2α

70-Yb-171

Radionuclide Production Cross Section



16

Incident Energy (MeV)

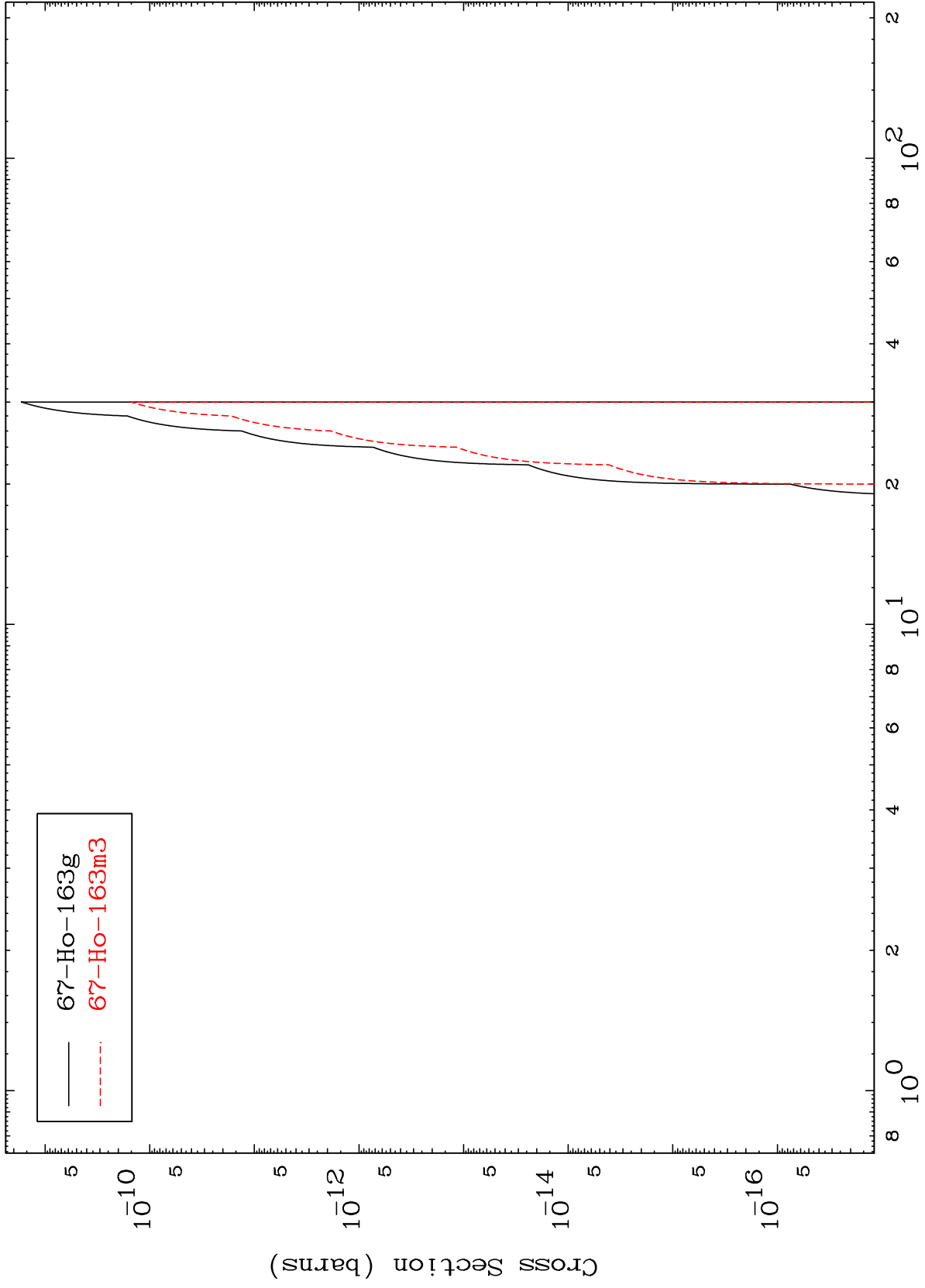
70-Yb-171

MAT 7034

(d,2n) 2α

$^{70}\text{Yb-171}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

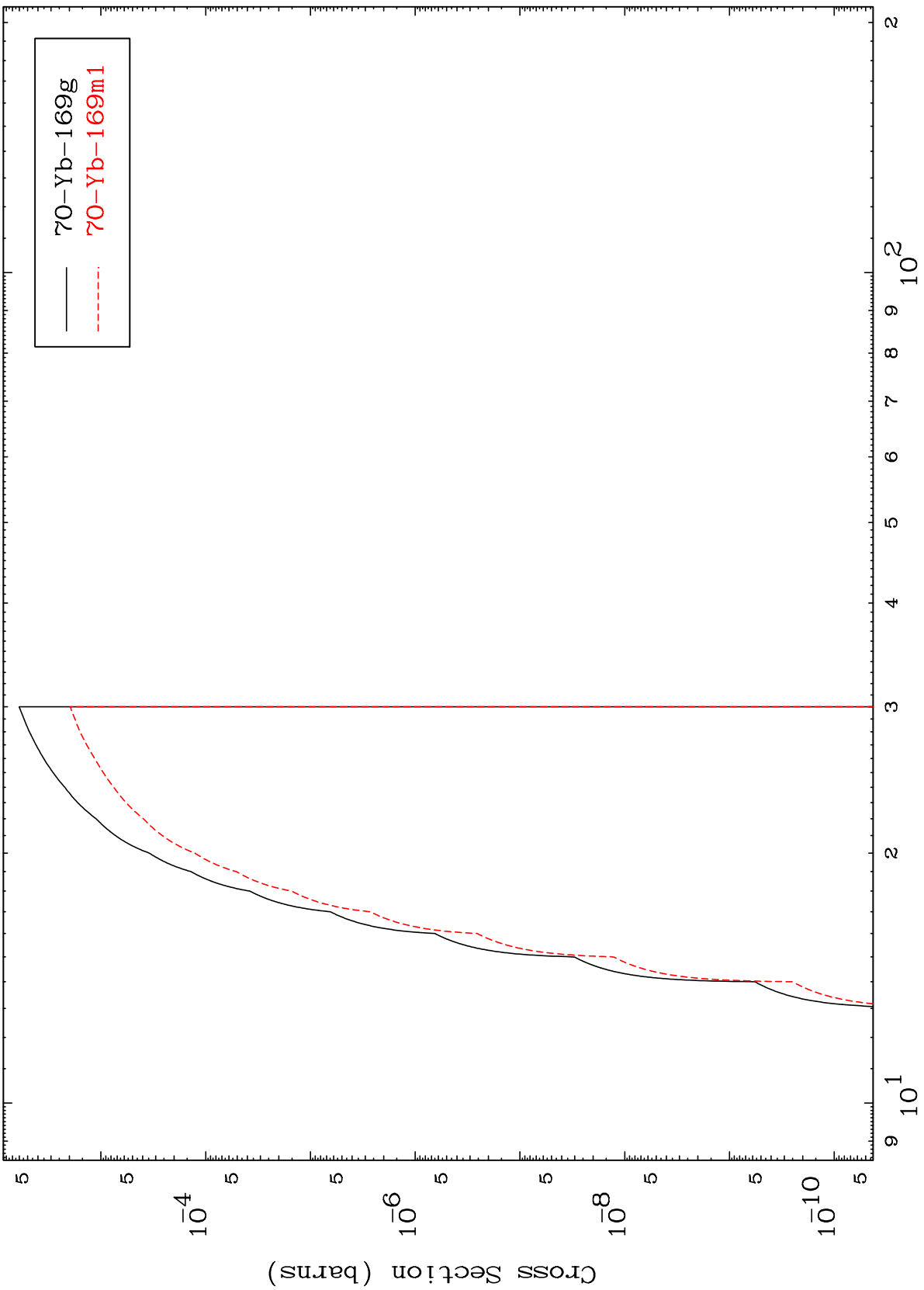
$^{70}\text{Yb-171}$

MAT 7034

(d,n') t

70-Yb-171

Radionuclide Production Cross Section



Incident Energy (MeV)

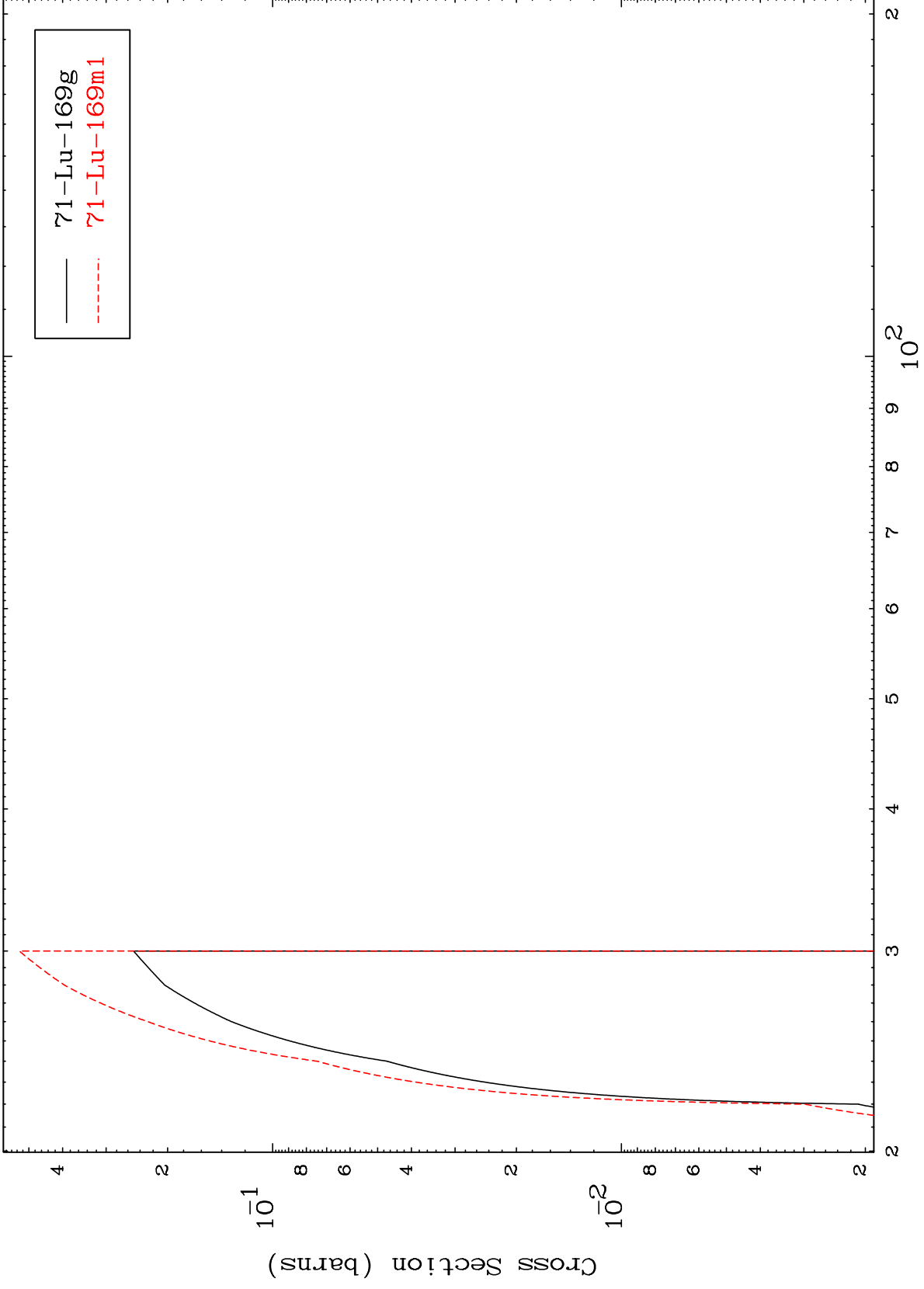
70-Yb-171

MAT 7034

(d,4n)

70-Yb-171

Radionuclide Production Cross Section



19

Incident Energy (MeV)

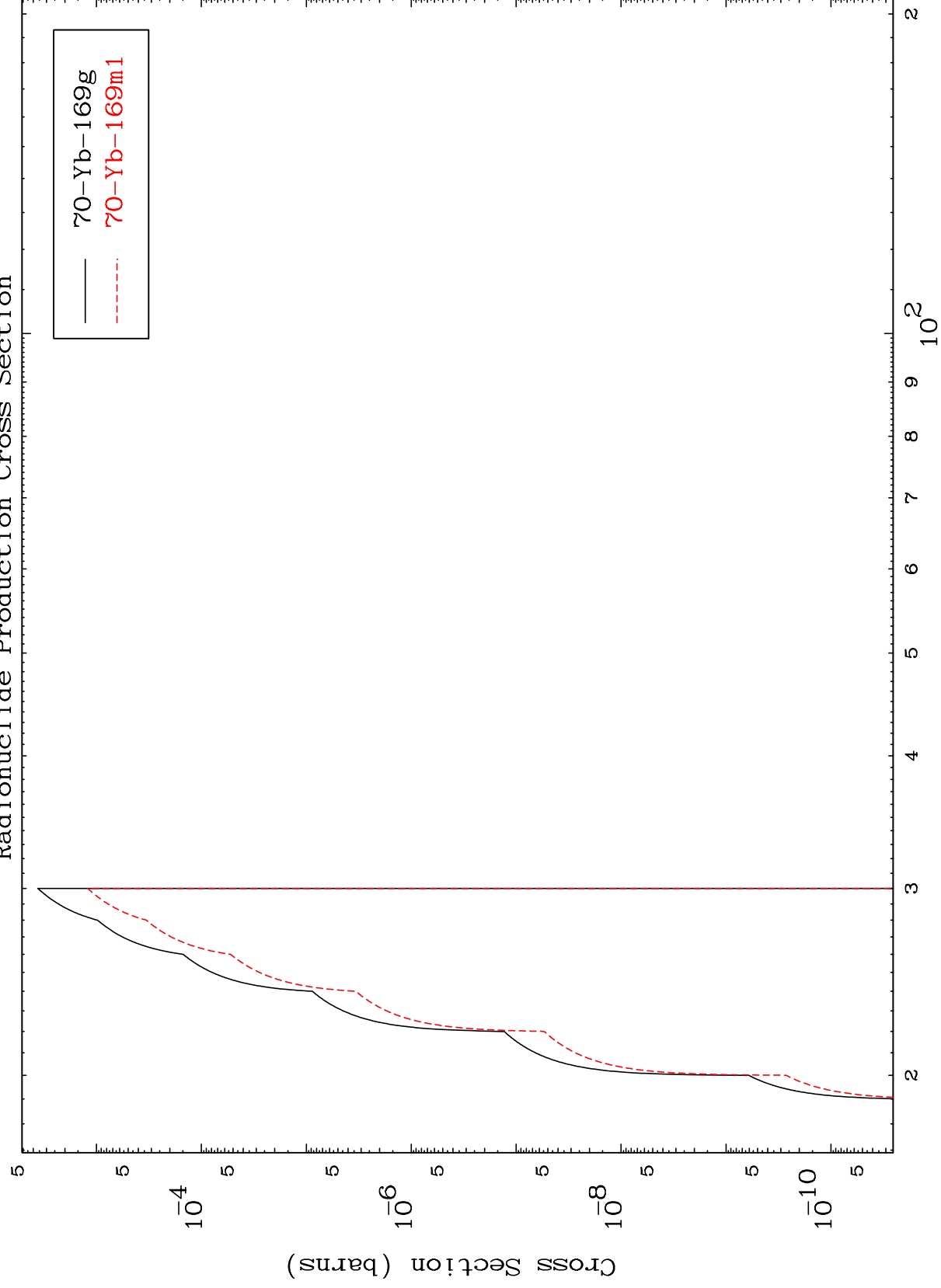
70-Yb-171

MAT 7034

(d,3n) p

70-Yb-171

Radionuclide Production Cross Section



20

Incident Energy (MeV)

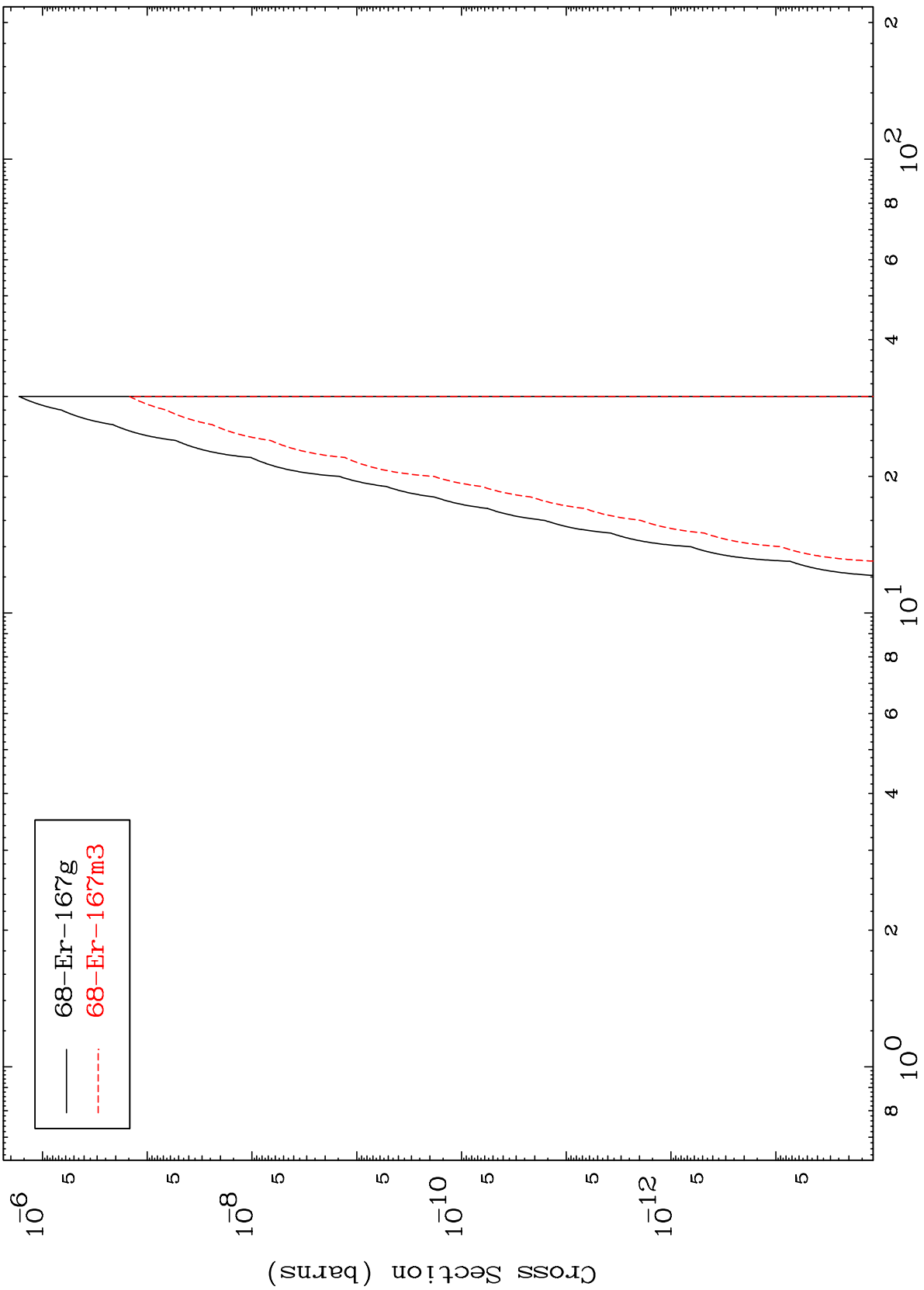
70-Yb-171

MAT 7034

(d,n') p α

70-Yb-171

Radionuclide Production Cross Section

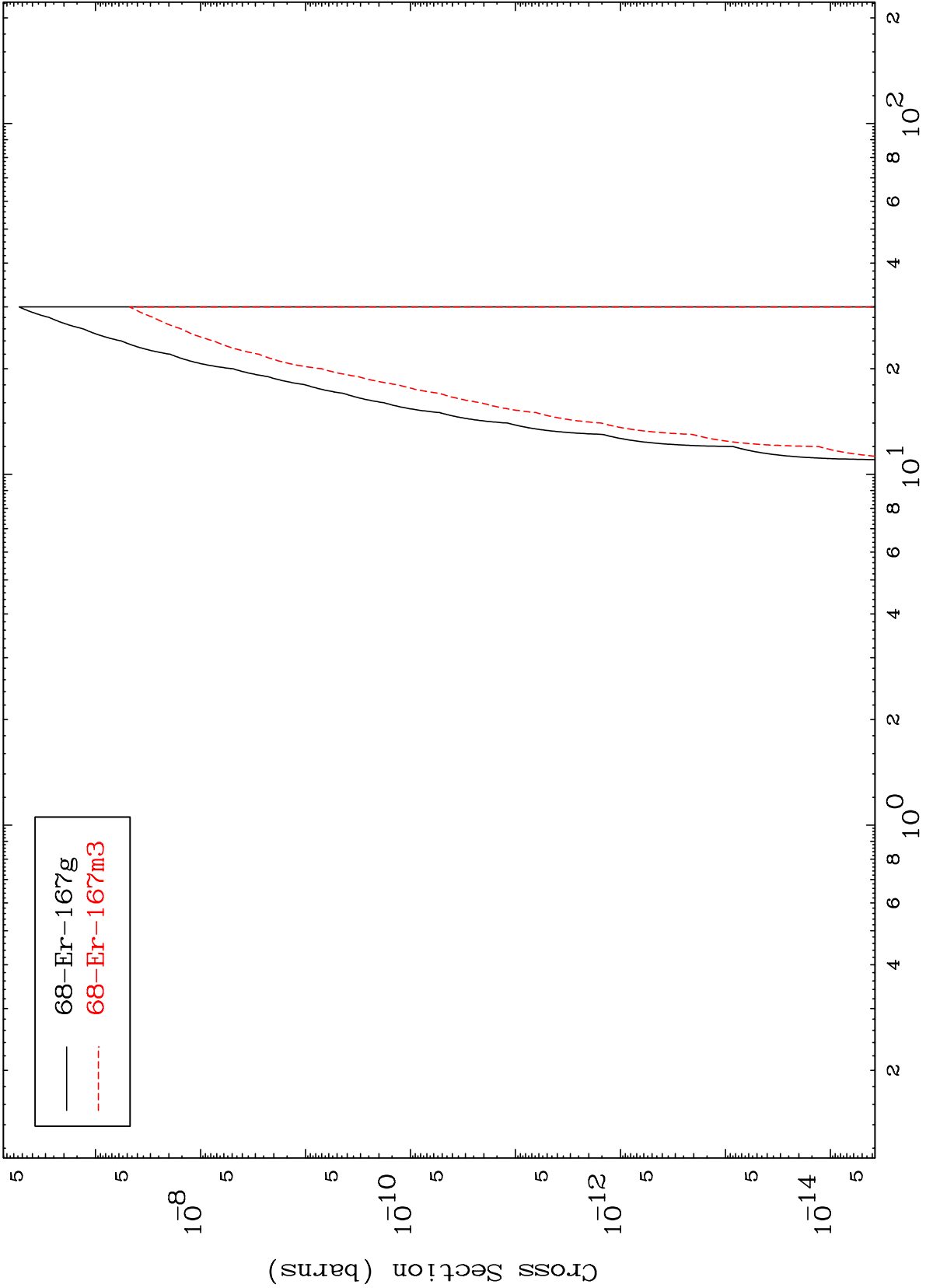


MAT 7034

(d,d) α

70-Yb-171

Radionuclide Production Cross Section



68-Er-167g
68-Er-167m3