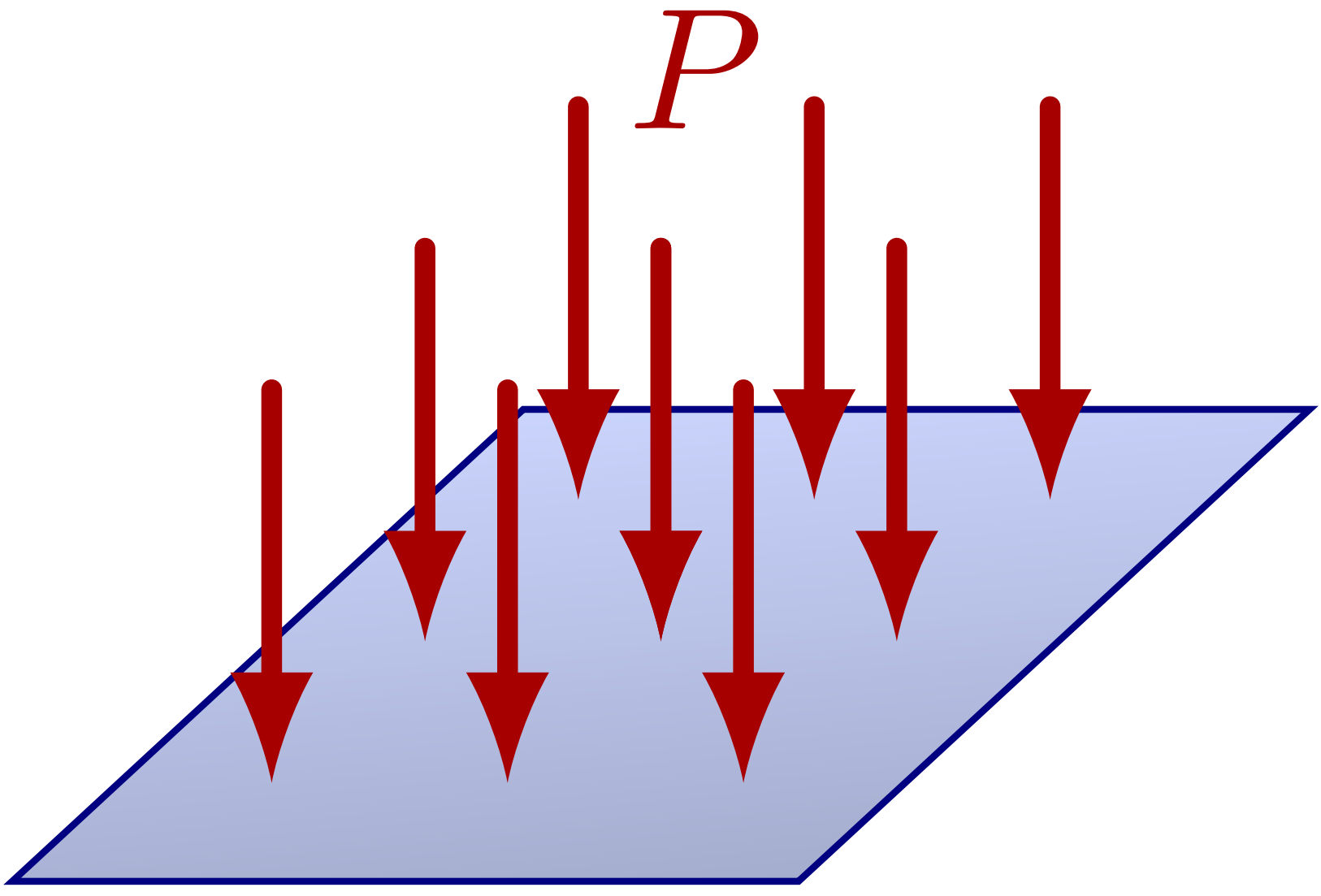
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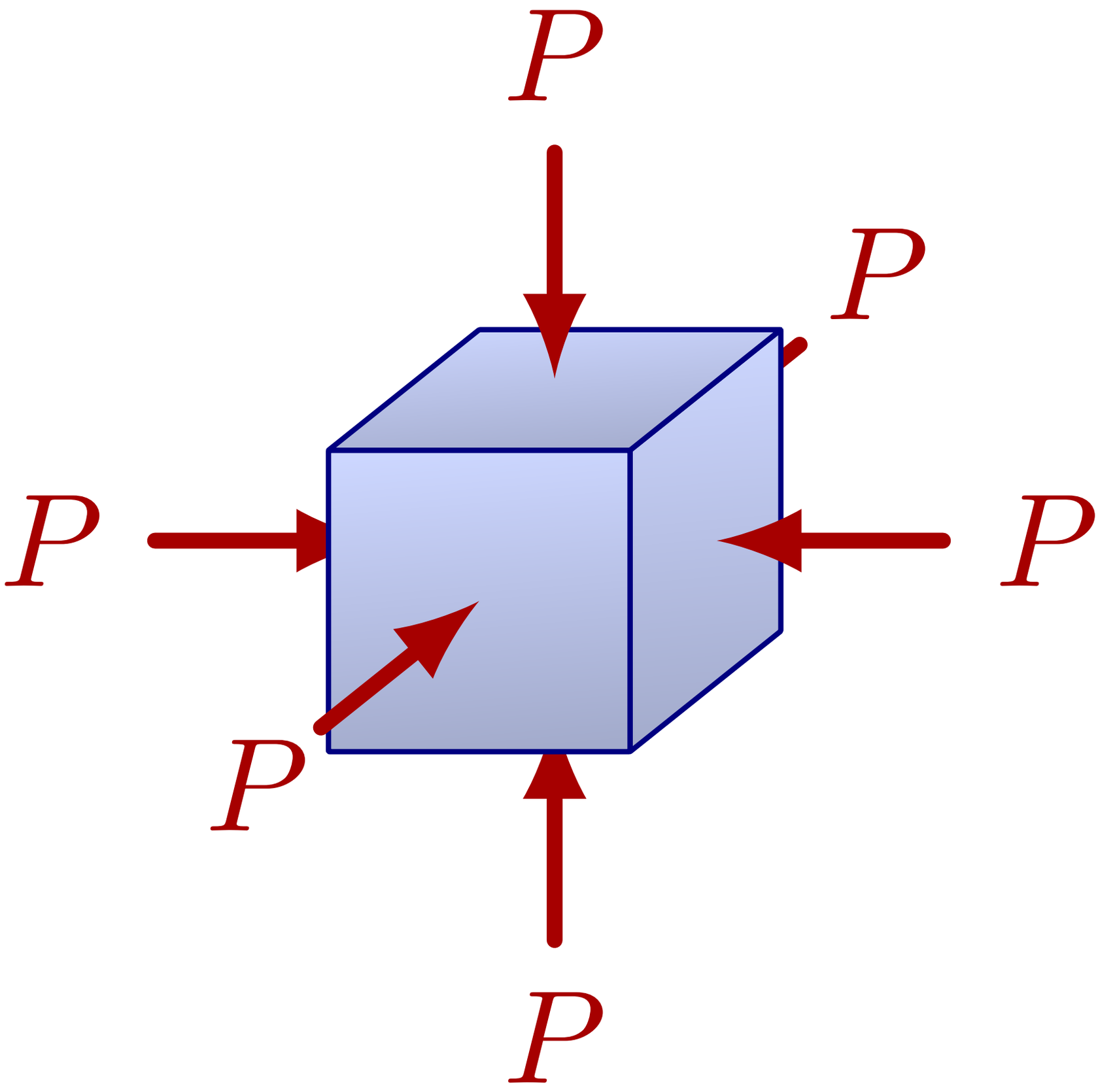
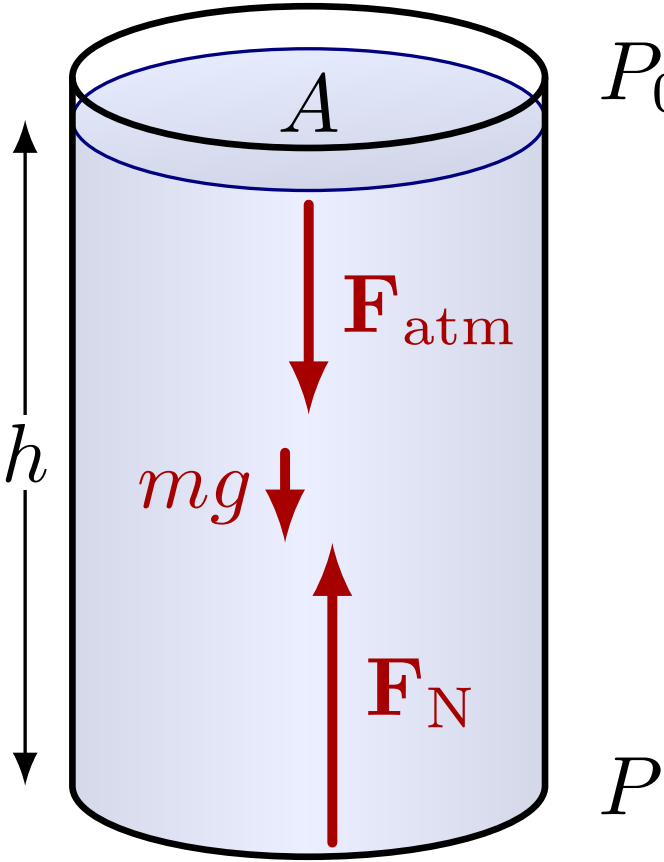
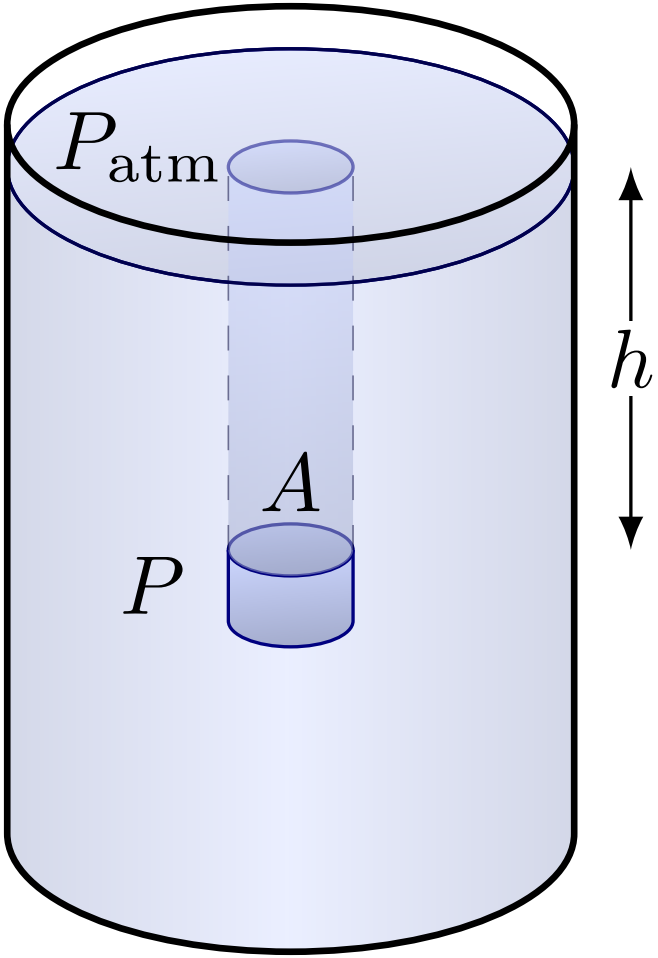
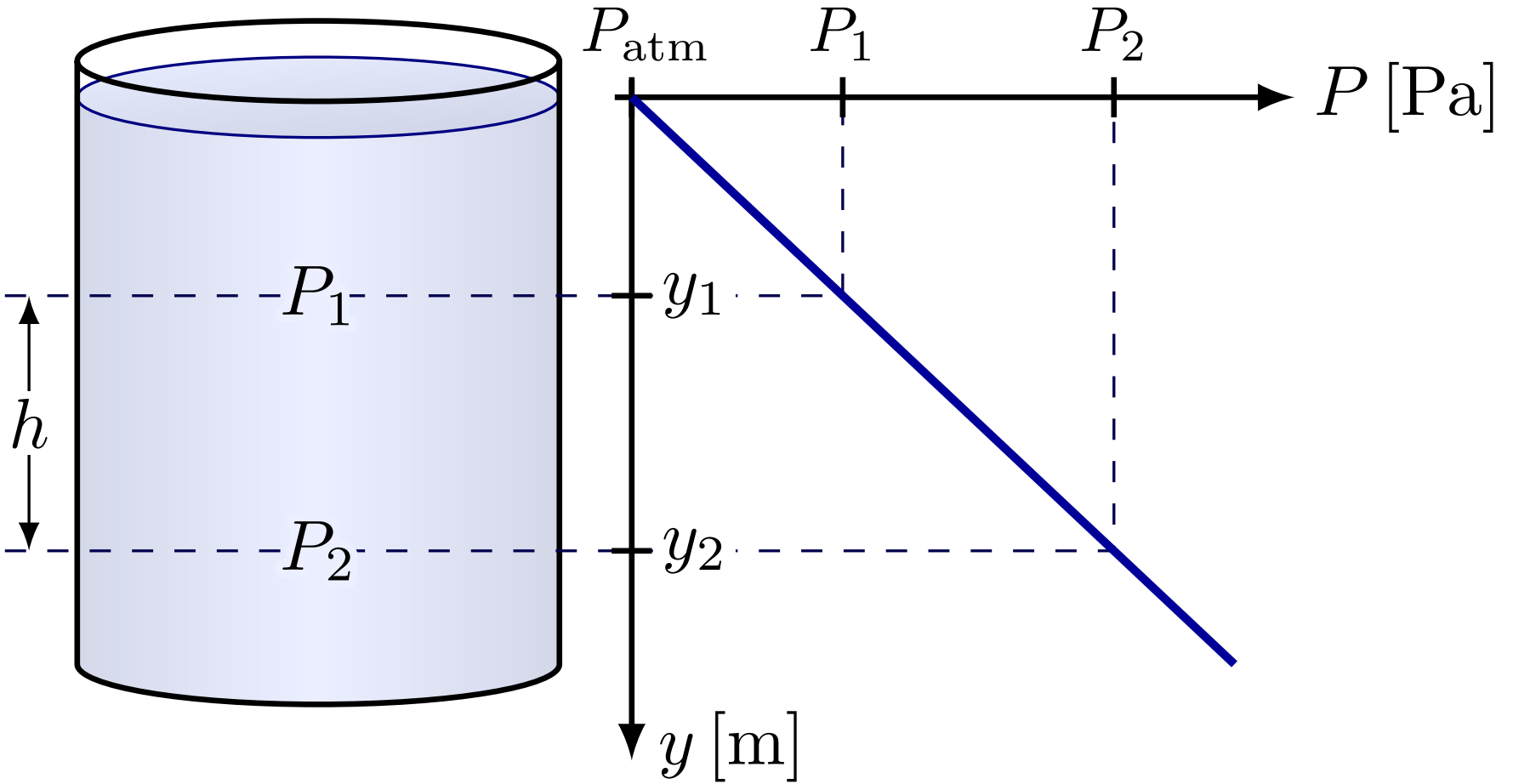
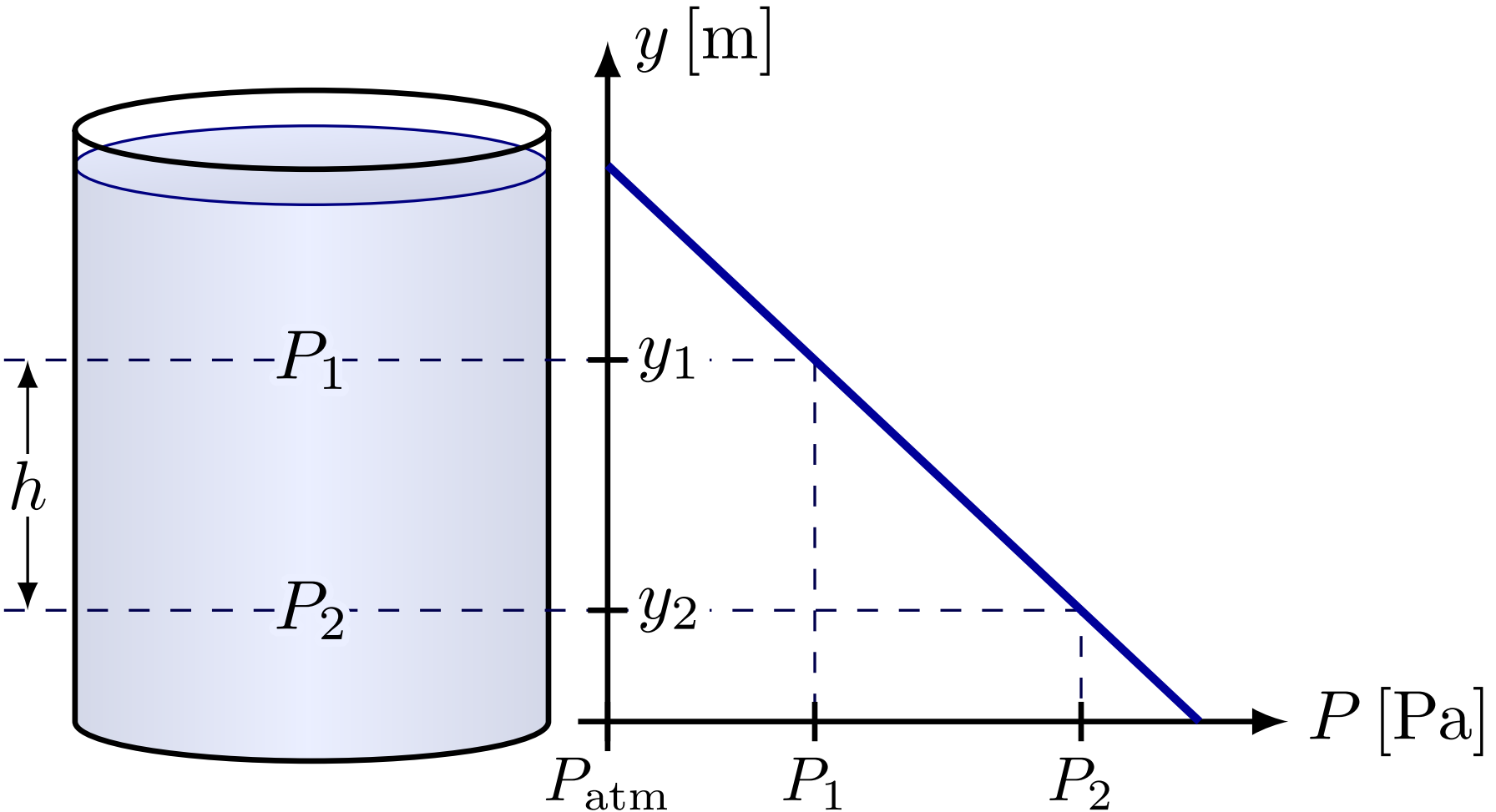

P
P
P
P
P
P

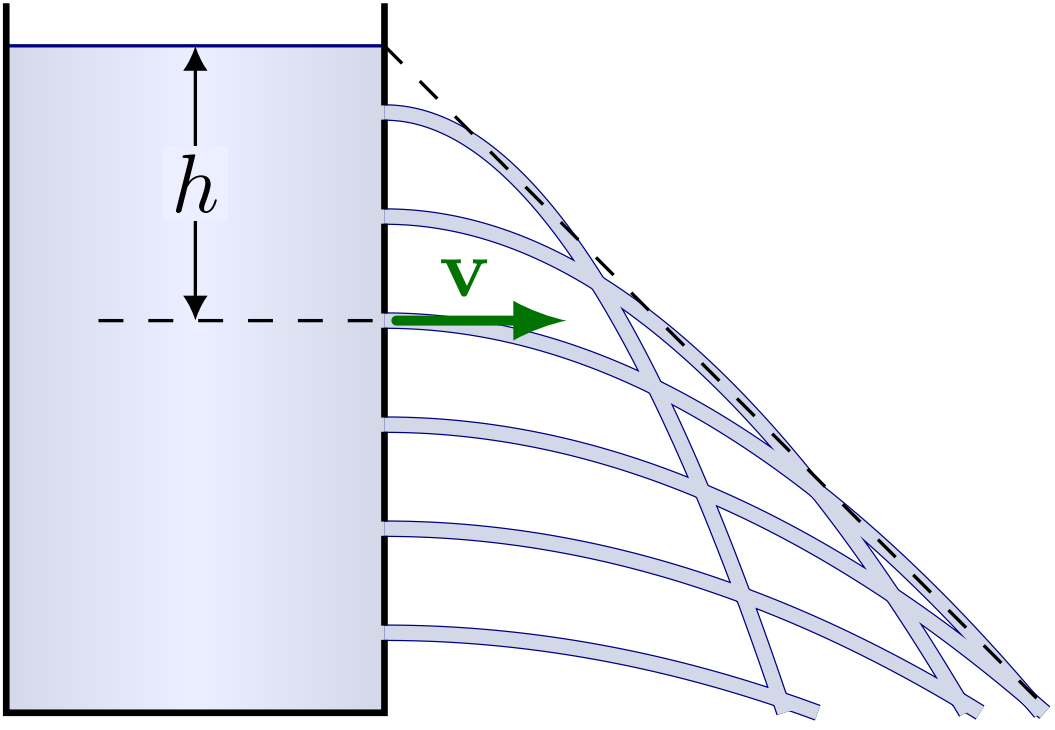


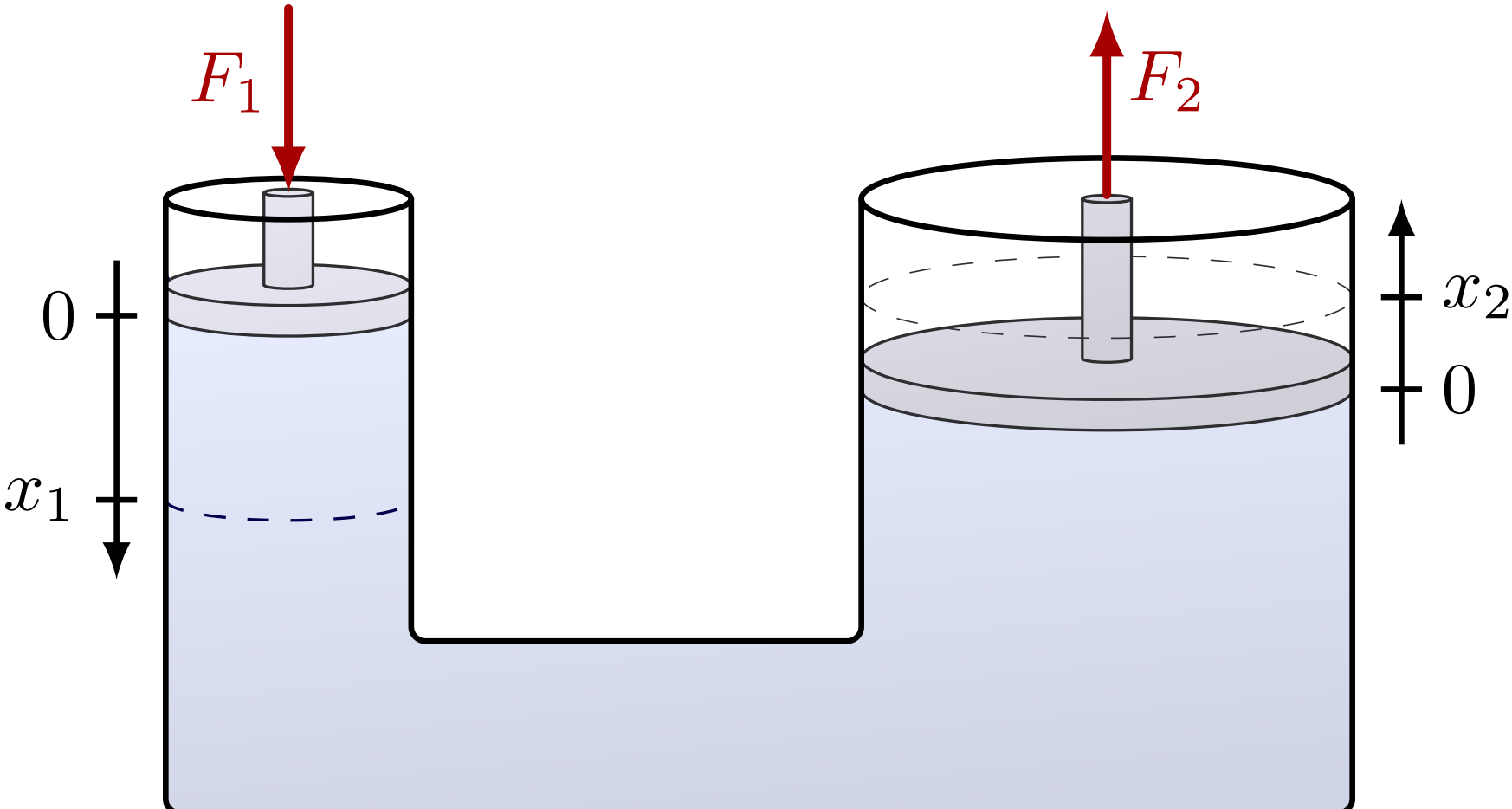
$$P_0 = P_{\mathrm{atm}}$$

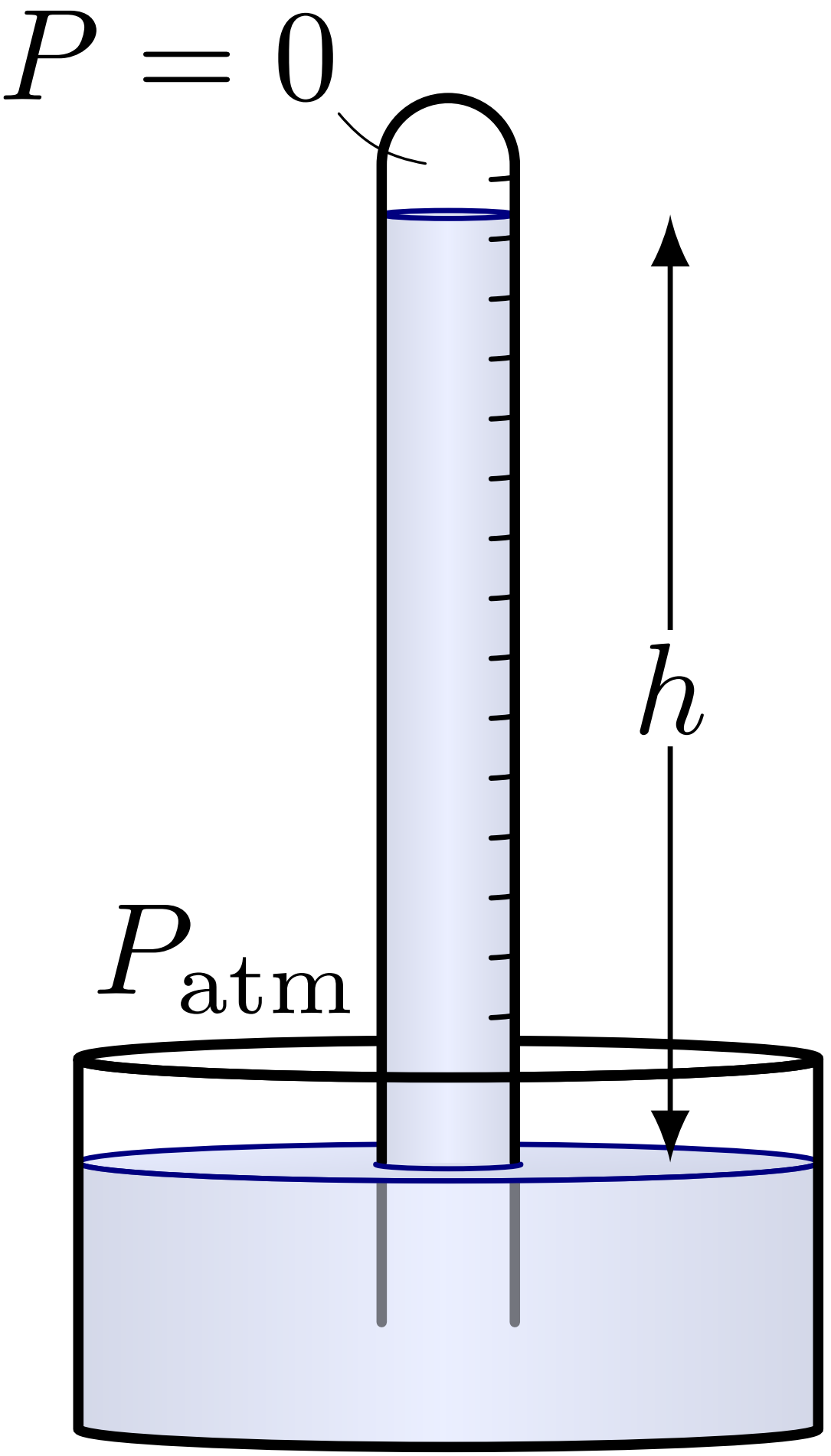

P_{atm}
h
A
P

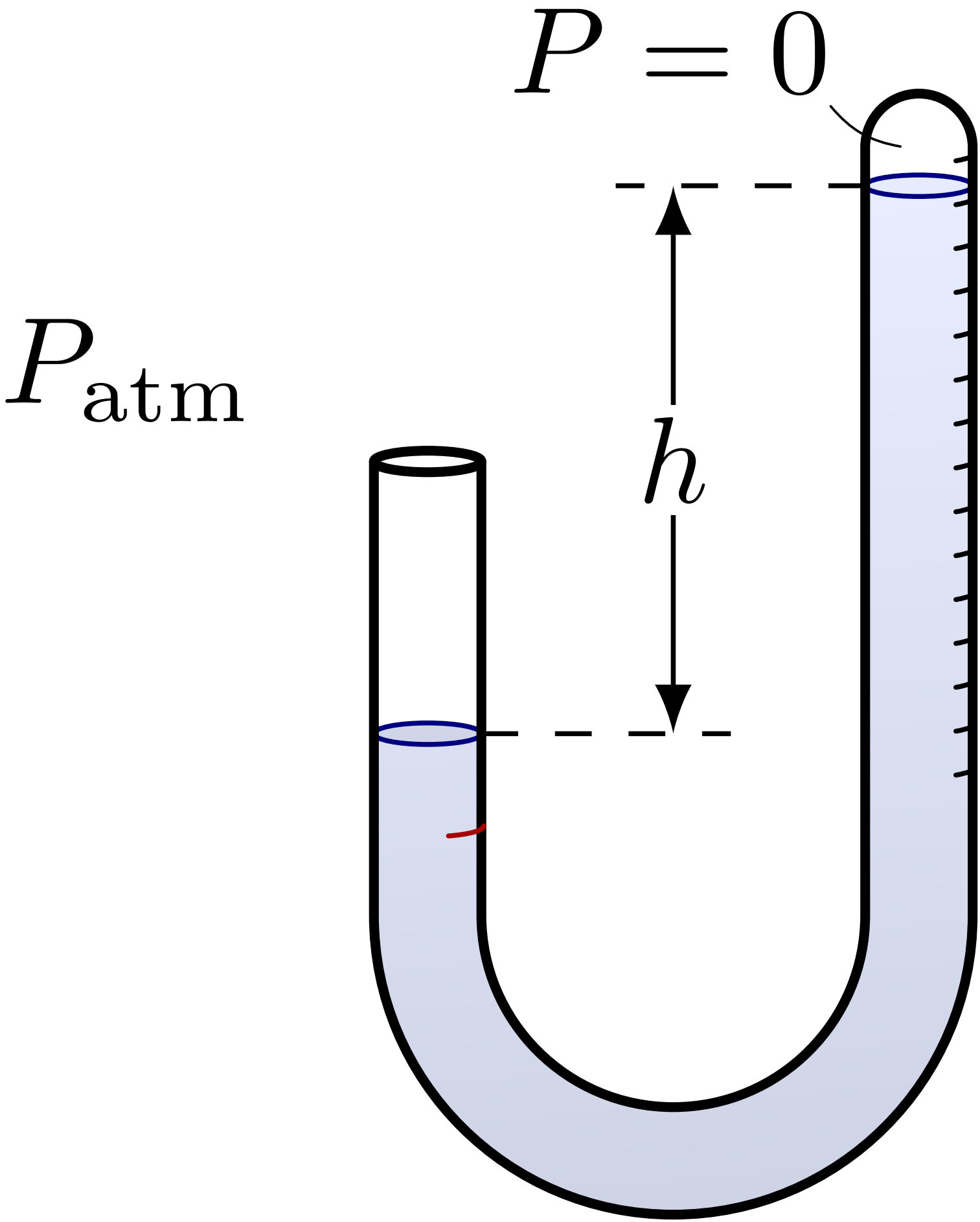

P_{atm}
P_1
P_2
P [Pa]
P_1
y_1
h
P_2
y_2
y [m]

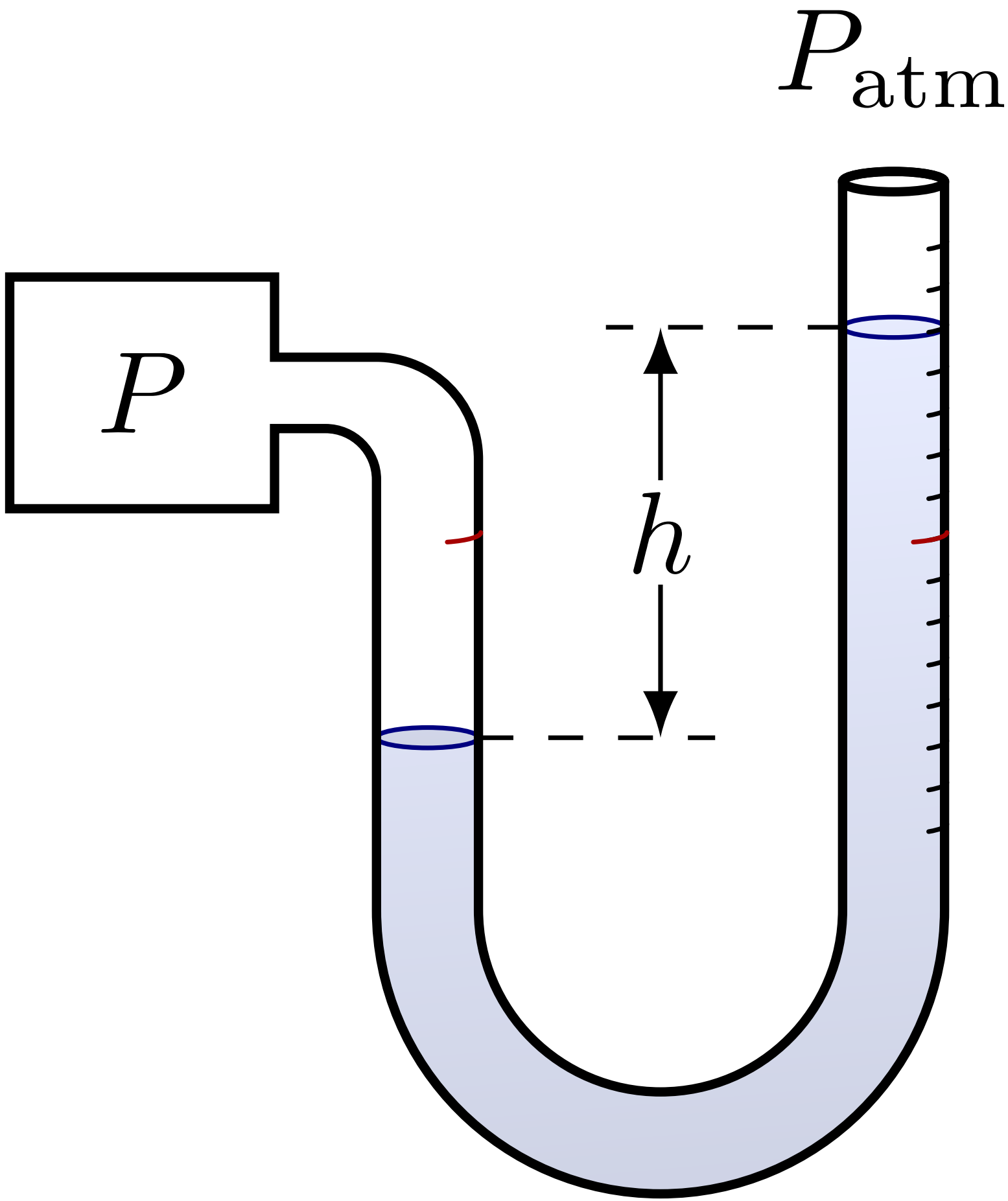

y [m]
P_1
y_1
h
P_2
y_2
P [Pa]
P_{atm}
P_1
P_2

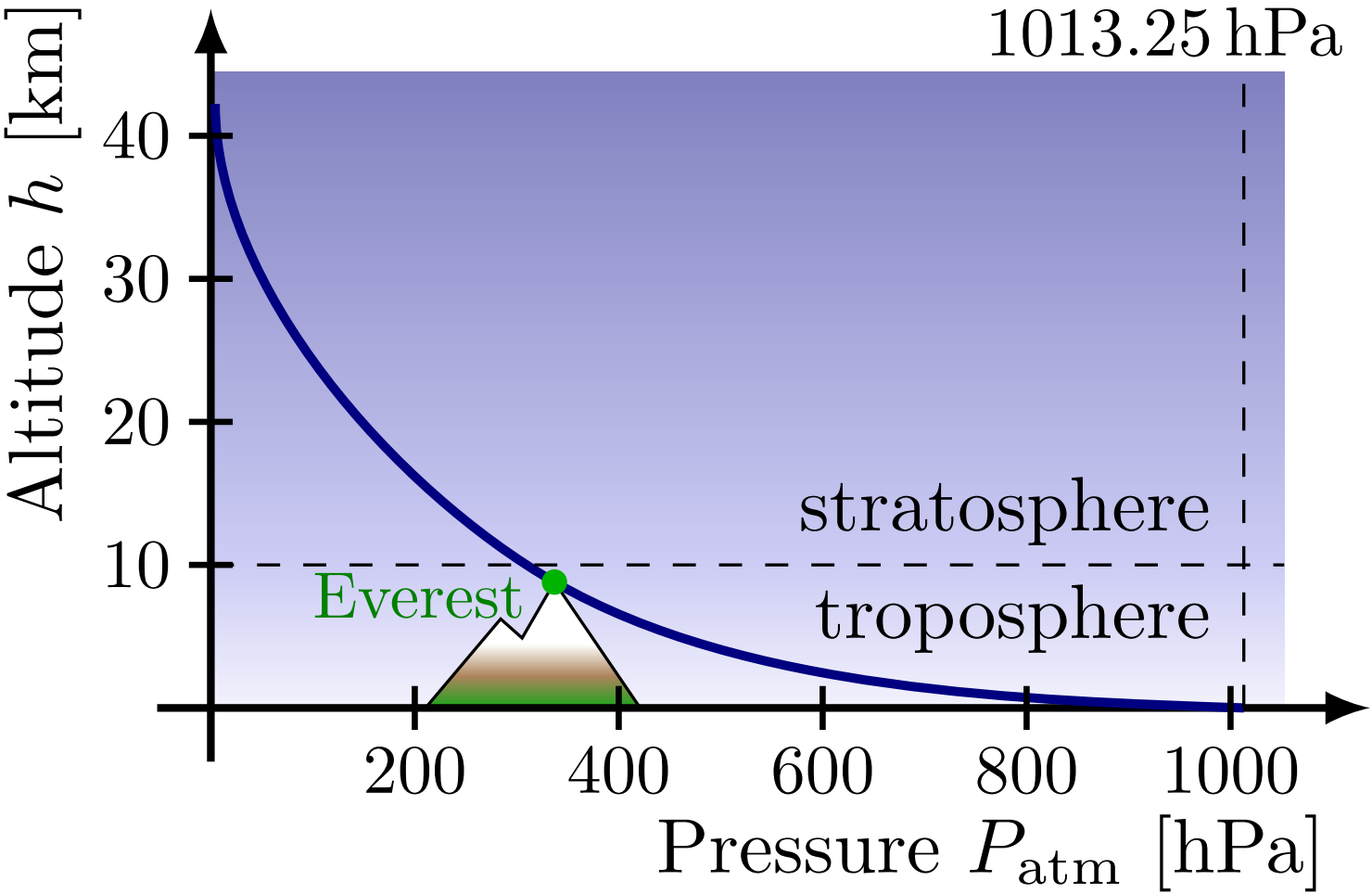
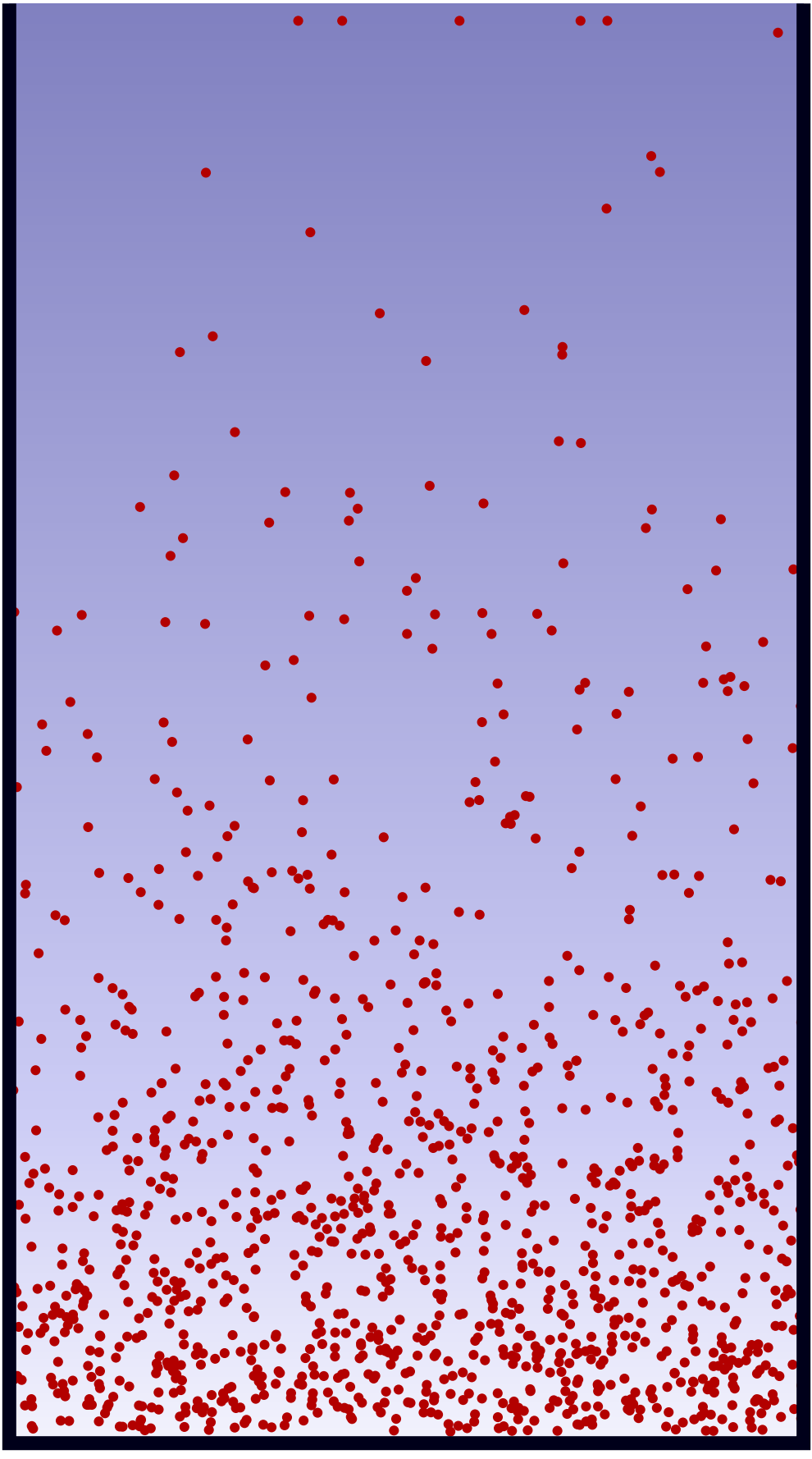

h
v


F_1
F_2
0
x_1
x_2
0


$P = 0$
h
P_{atm}


$P = 0$
P_{atm}
h


P_{atm}
P
h


1013.25 hPa
Altitude h [km]
40
30
20
10
stratosphere
troposphere
Everest
200
400
600
800
1000
Pressure P_{atm} [hPa]