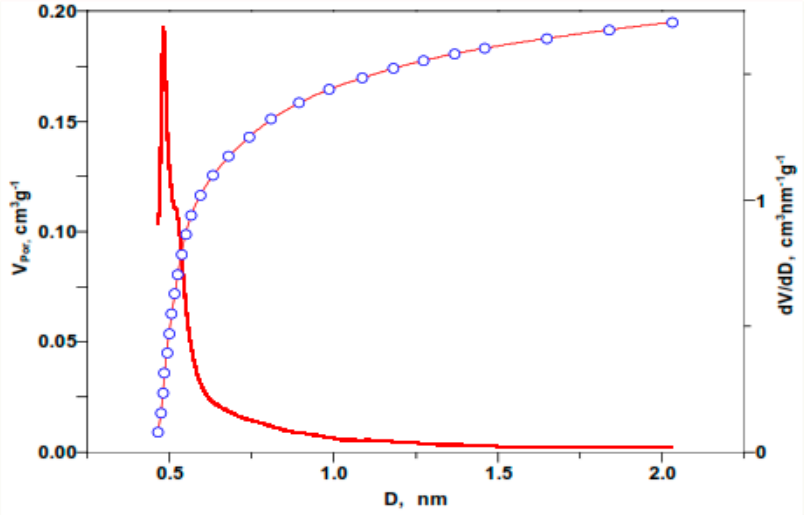
Micropores (Horvath and Kawazoe)



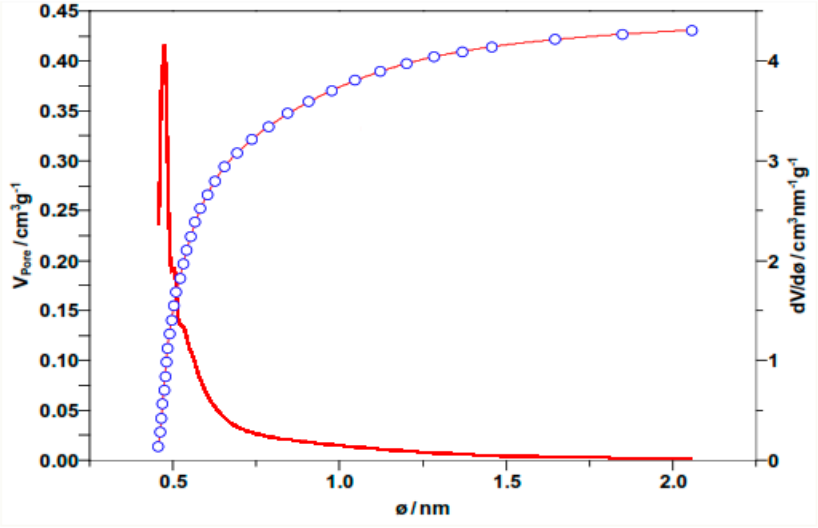
2021.03.24. A_AC BI 1-0.38

Calculations from p/p^0 0 to 0.2

with potential function: Nitrogen on Graphite @77.3 K
from literature: G. Horvath, K. Kawazoe, J. Chem. Eng. Japan, 16, 6(1983), 470-475

Calculation with a molecular area of	16.2 $Å^2$
molecular weight of	28.01 g/mol
and liquid density of	0.8086 g cm^{-3}
Median pore diameter	0.5473 nm
Maximum pore diameter	0.4825 nm
Cumulative pore volume	0.1949 cm^3g^{-1}

Micropores (Horvath and Kawazoe)



2021.03.12. C_AC BI 1-0.38

Calculations from p/p^0 0 to 0.2

with potential function: Nitrogen on Graphite @77.3 K

from literature: G. Horvath, K. Kawazoe, J. Chem. Eng. Japan, 16, 6(1983), 470-475

Calculation with a molecular area of	16.2 Å^2
molecular weight of	28.01 g/mol
and liquid density of	0.8086 g cm^{-3}
Median pore diameter	0.5461 nm
Maximum pore diameter	0.4753 nm
Cumulative pore volume	0.4309 cm^{3}g^{-1}

Figure S1. The original pages of the report that contain the distribution of micropores according to the Horvat-Kavoazo model.