



Figure 6.6. A schematic depiction of the sizes of aggregates containing organic carbon in the ocean. The distinction between particulate organic carbon (POC) and dissolved organic carbon (DOC) is operationally determined by the pore size of filters (usually $0.45 \mu\text{m}$) used to separate "dissolved" from "particulate" material. Constituents of the POM and DOM are indicated, along with methods used to distinguish them.