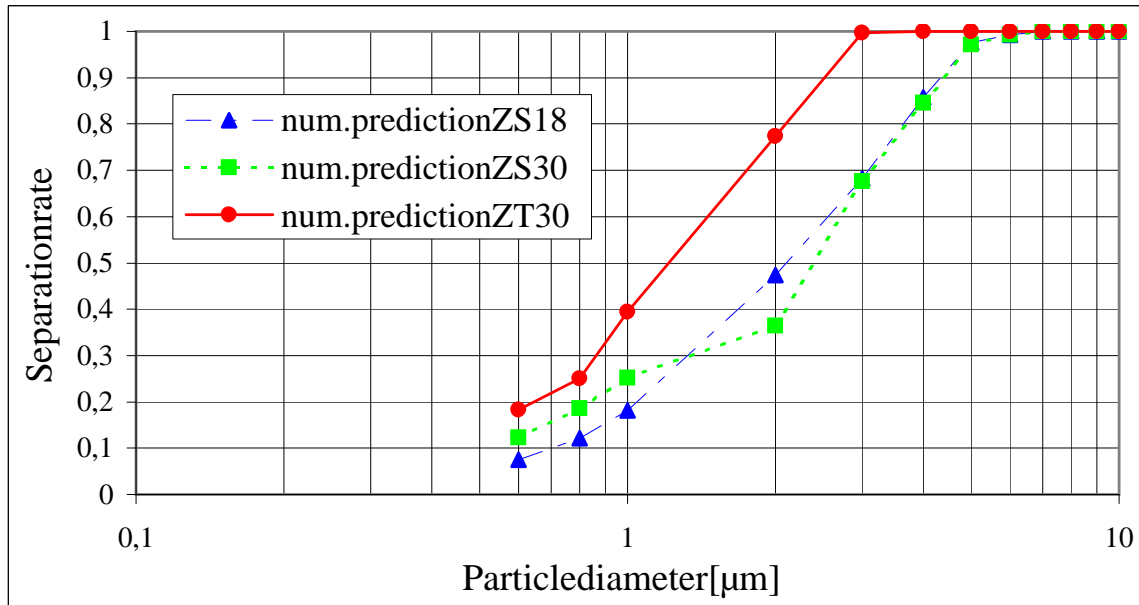


Comparison of numerically predicted separation rates for ZS18, ZS30 and ZT30



Numerical results obtained using the "relaxed" particle separation criterion :

- cyclones ZS18 and ZS30 show similar performance
- for the cyclone ZT30 better particle separation can be observed

⇒ due to the tangential inflow for ZT30 the length of the vortex chamber has been increased which leads to a better separation of larger particles