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Sources and transport of aerosols in coastal areas.



Sea-spray production through wave breaking processes-
Secondary formation
Impact

Numerical models (MADC MOD, MEDEX)
Boundary conditions (CHIMERE?)

**Observation and data analysis-Experimental station on the island of
Porquerolles (see below)**

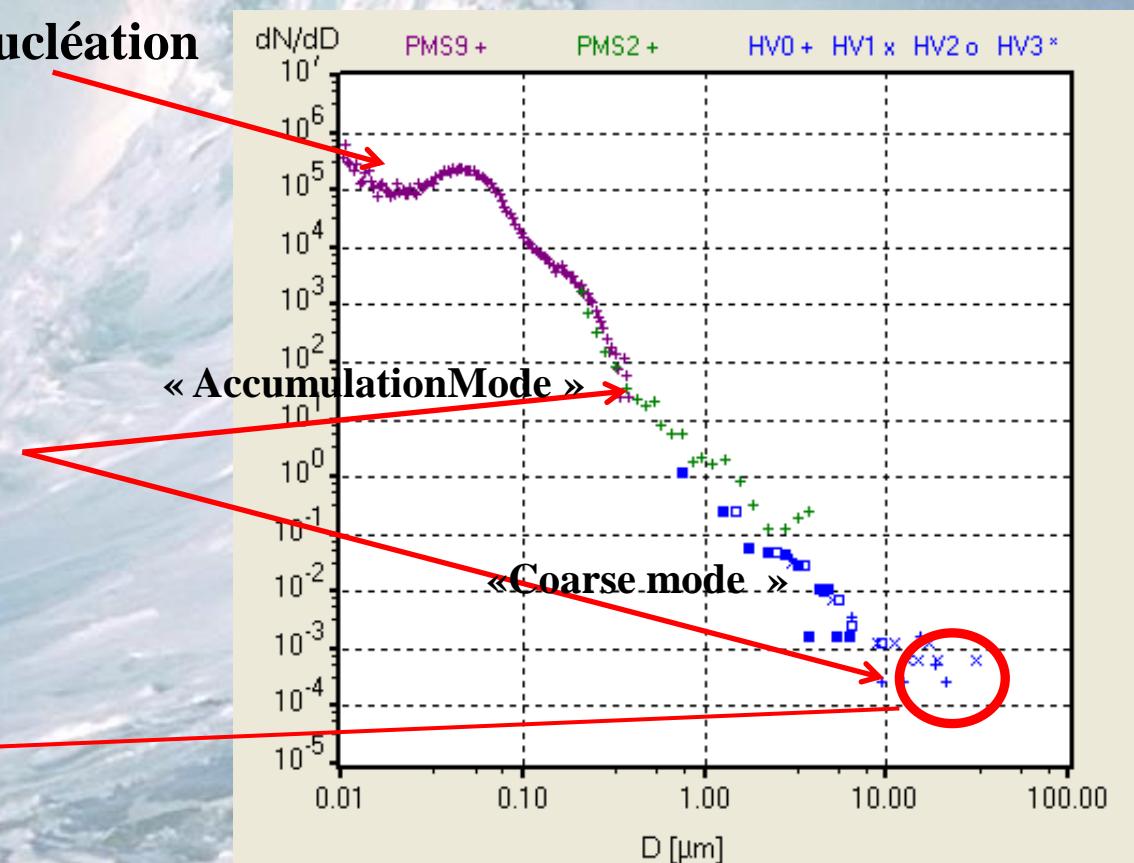
Experimental measurements of the aerosol size distributions

After van Eijk, Kuzmierciek et Piazzola, 2011)

Secondary production-« Nnucléation mode »

Primary production of sea-spray particles through wave breaking –

« Giant mode »



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