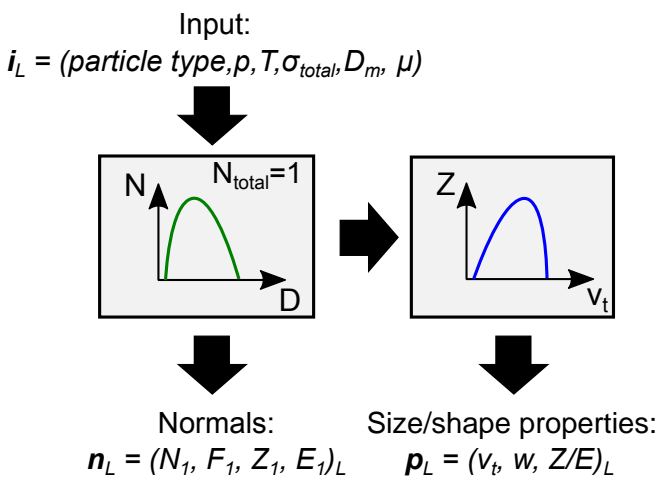


Simulation of particle spectra and creation of lookup table

Collect a set of i_L , n_L and p_L by iterating through all realistic combinations of i , assuming a gamma size distribution.

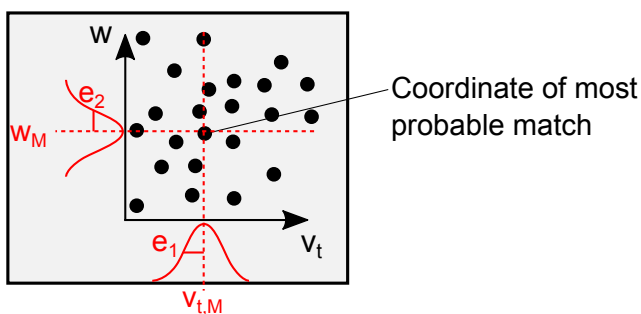


(b)

Lookup a result

Create space with a combination of the coordinates (here: v_t and w) and fill with corresponding vectors n_L and i_L .

Calculate the distribution of matching probability in (v_t, w) -space against vector $m = (v_{t,M}, w_M)$ measured with errors



□

Scale normal vectors and combine with P

Retrieve vectors r_L of extensive properties by scaling each normals vector of the lookup table with measured Z_M and the simulated Z_1 so that $r_L = n_L (Z_M / Z_1)$

Plot an element of all vectors r_L vs matching probability P (Example for Number Concentration):

