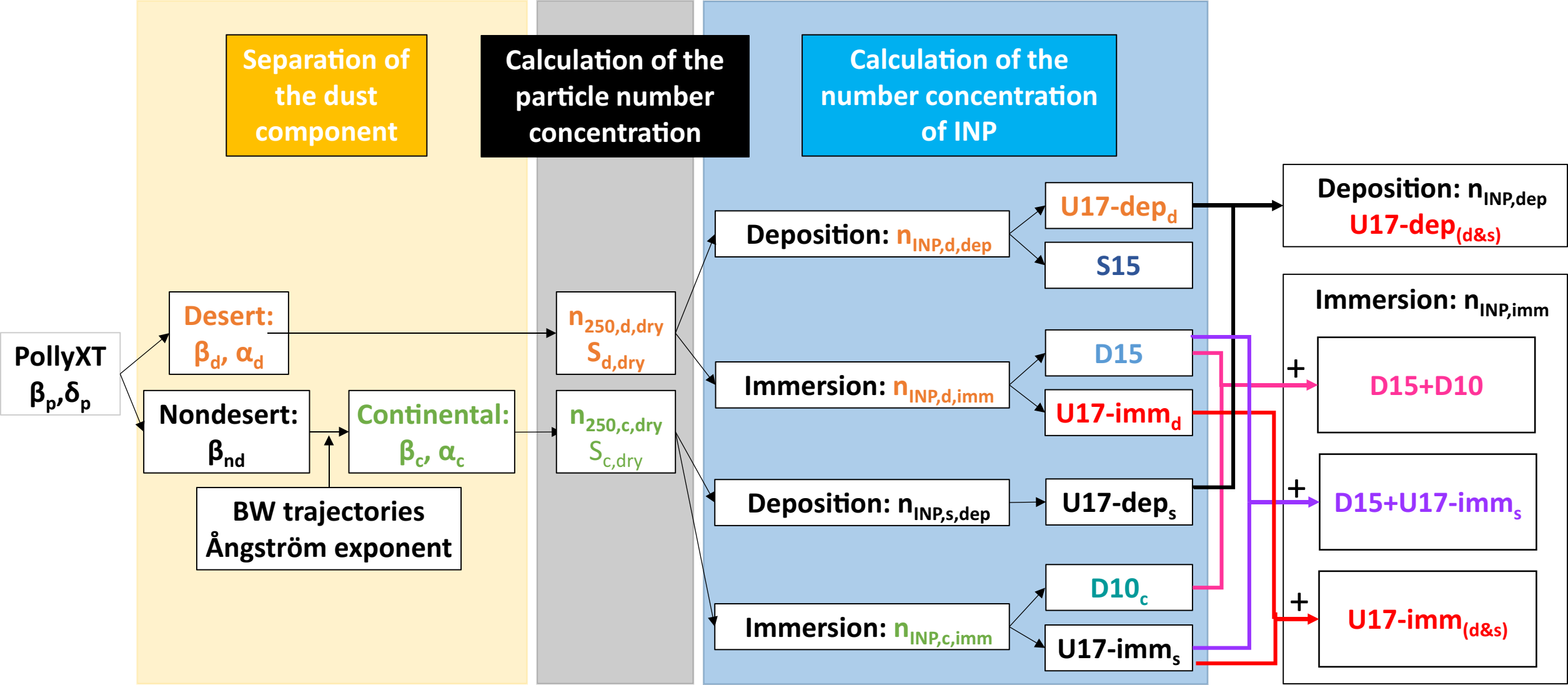
Separation of the dust component
Calculation of the particle number concentration
Calculation of the number concentration of INP
PollyXT
$\beta_p, \delta_p$
Desert:
$\beta_d, \alpha_d$
Nondesert:
$\beta_{nd}$
Continental:
$\beta_c, \alpha_c$
BW trajectories
Ångström exponent
$n_{250,d,dry}$
$S_{d,dry}$
$n_{250,c,dry}$
$S_{c,dry}$
Deposition: $n_{INP,d,dep}$
Immersion: $n_{INP,d,imm}$
Deposition: $n_{INP,s,dep}$
Immersion: $n_{INP,c,imm}$
U17-dep$_d$
S15
D15
U17-imm$_d$
U17-dep$_s$
D10$_c$
U17-imm$_s$
Deposition: $n_{INP,dep}$
U17-dep$_{(d\&s)}$
Immersion: $n_{INP,imm}$
+
D15+D10
+
D15+U17-imm$_s$
+
U17-imm$_{(d\&s)}$