Without disturbances F_{all} [kg/s] $F_{w,in}$ [kg/s] $\mathbf{F}_{\mathrm{all}}$ [kg/s] v grate [m/s] 15₁ F_{st} [kg/s] 3000 10 10 2000 10 12 1000 15 5 5 0 5 1.8 2 2.2 1.8 2 2.2 1.8 2 2.2 $\times 10^4\,$ $\times 10^4$ $\times 10^4$ $\times 10^4$ 51 F₀₂ [kg/s] 4.8 -500 4.6 3 -1000 1.8 2 2.2 1.8 2 2.2 1.8 2 2.2 1.8 2 2.2 $\times 10^4\,$ $\times 10^4\,$ $\times 10^4\,$ $\times 10^4$ ×10⁷ 5∤ 4.2 [×]10⁷ $4.2^{\times}_{1}10^{7}$ ×10⁹ (S) 4.15 10 4.5 5 4.15 4.1 0 1.8 2.2 1.8 2 2.2 1.8 2 2.2 1.8 2 2.2 2 time [s]_{k10}⁴ time [s]_{k 104} time [s]_{k 104} time [s]_{k10}⁴