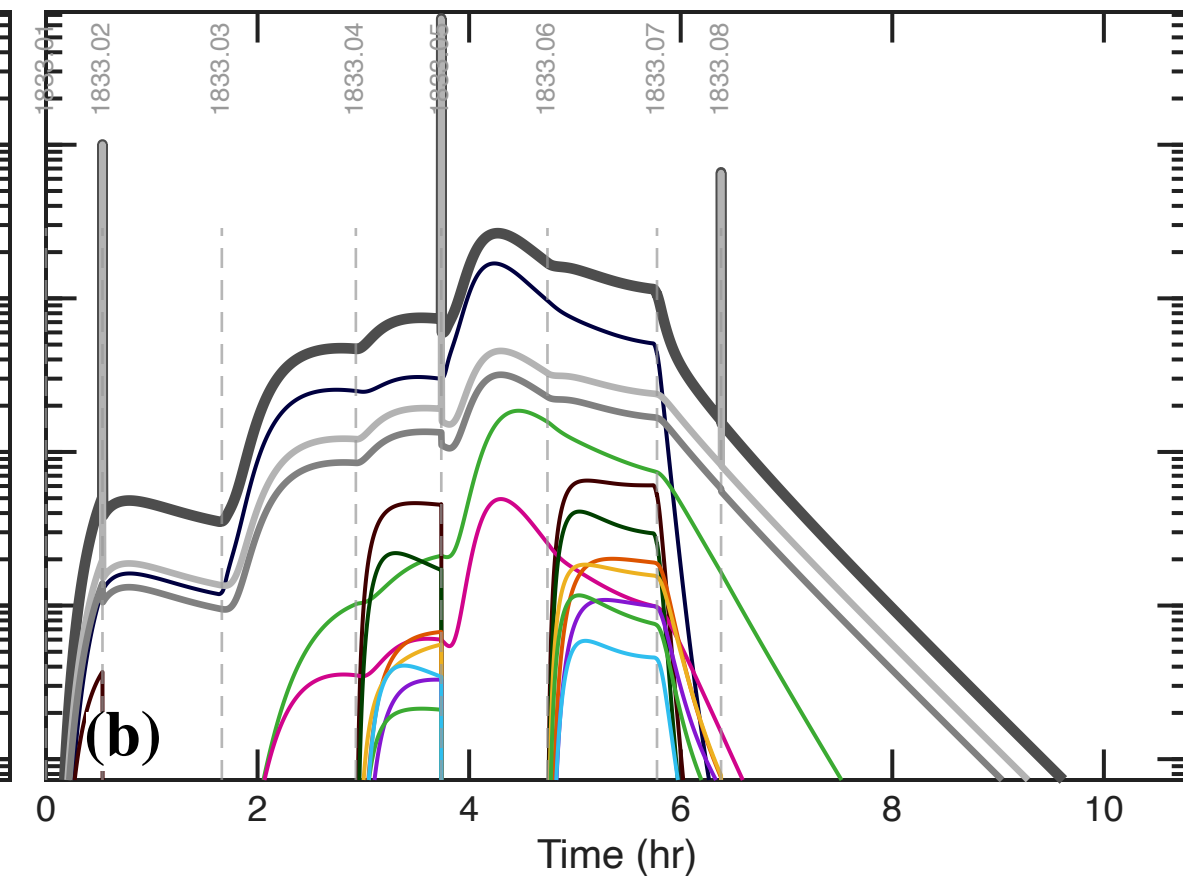
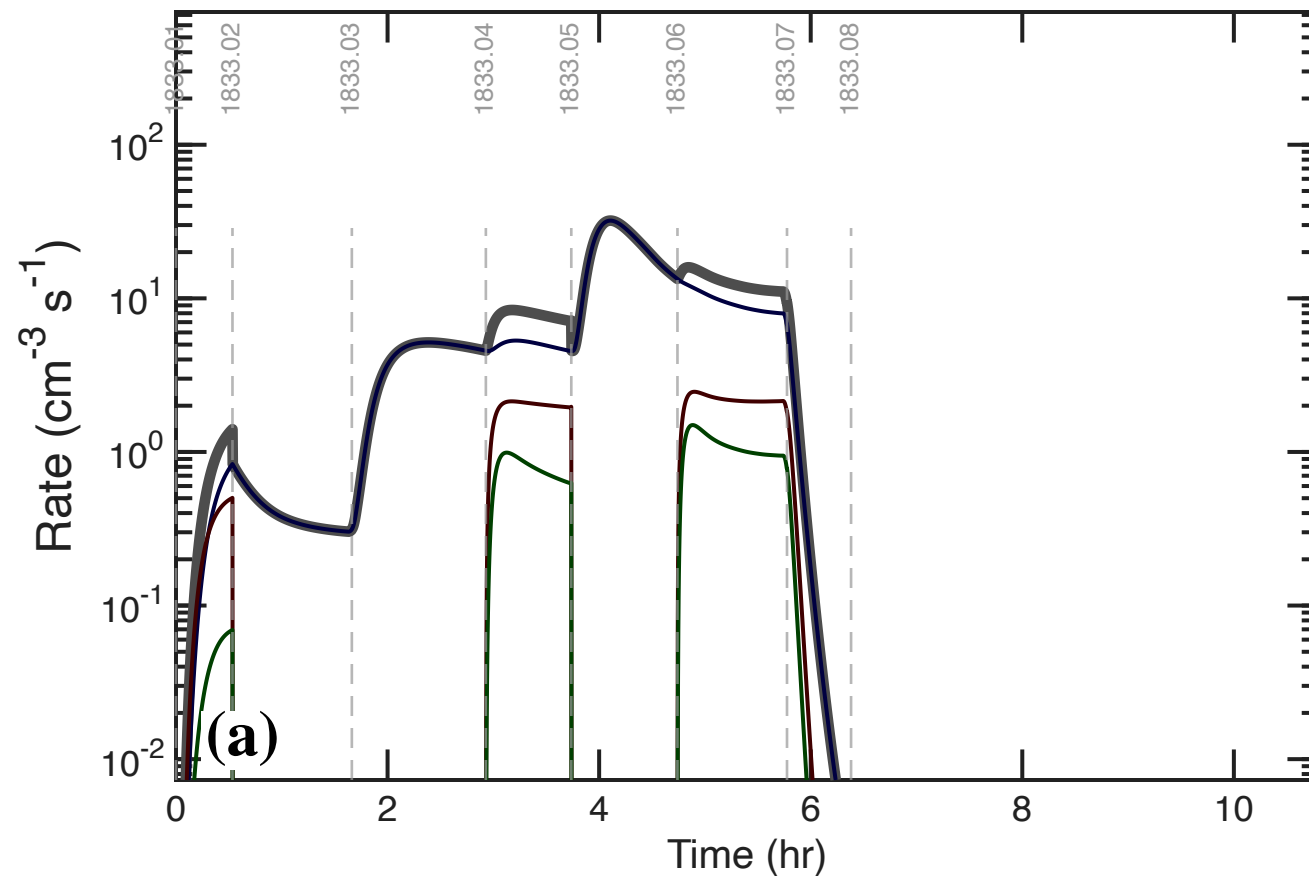
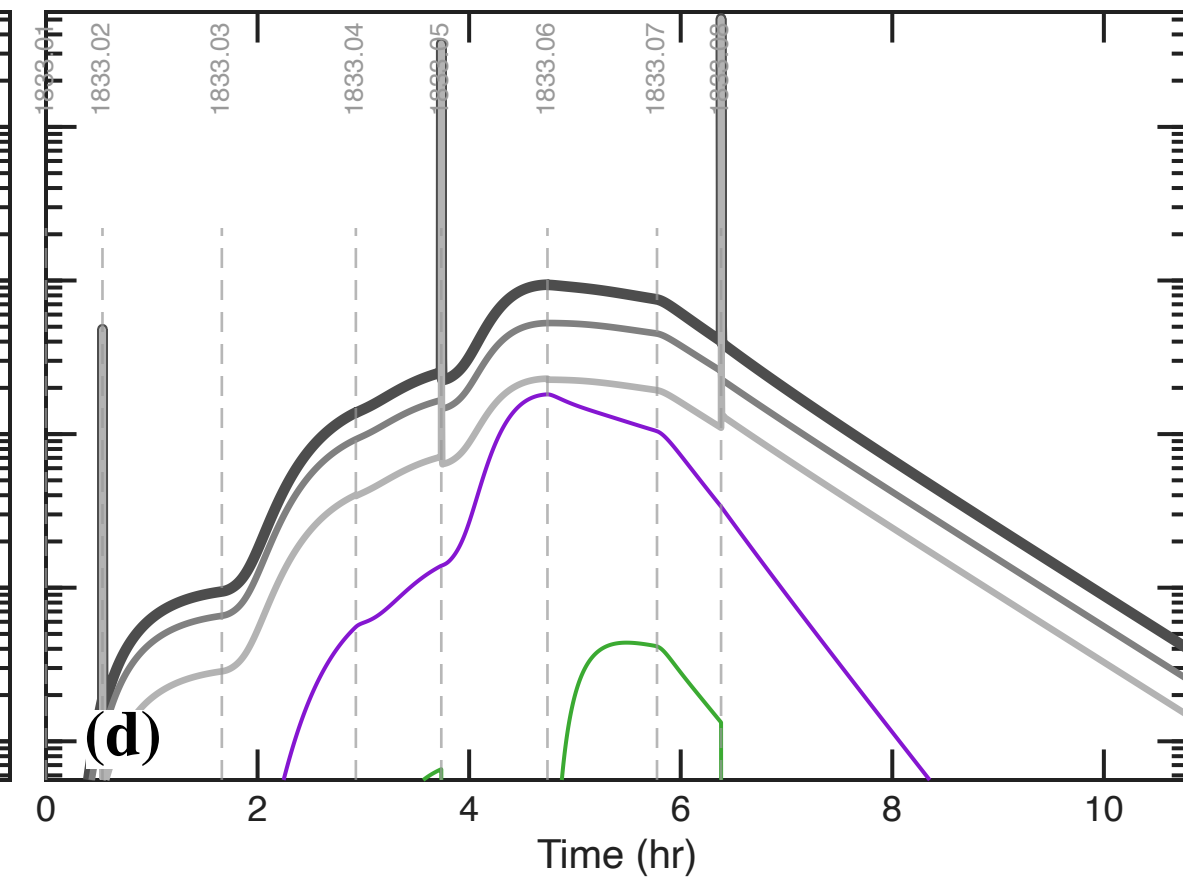
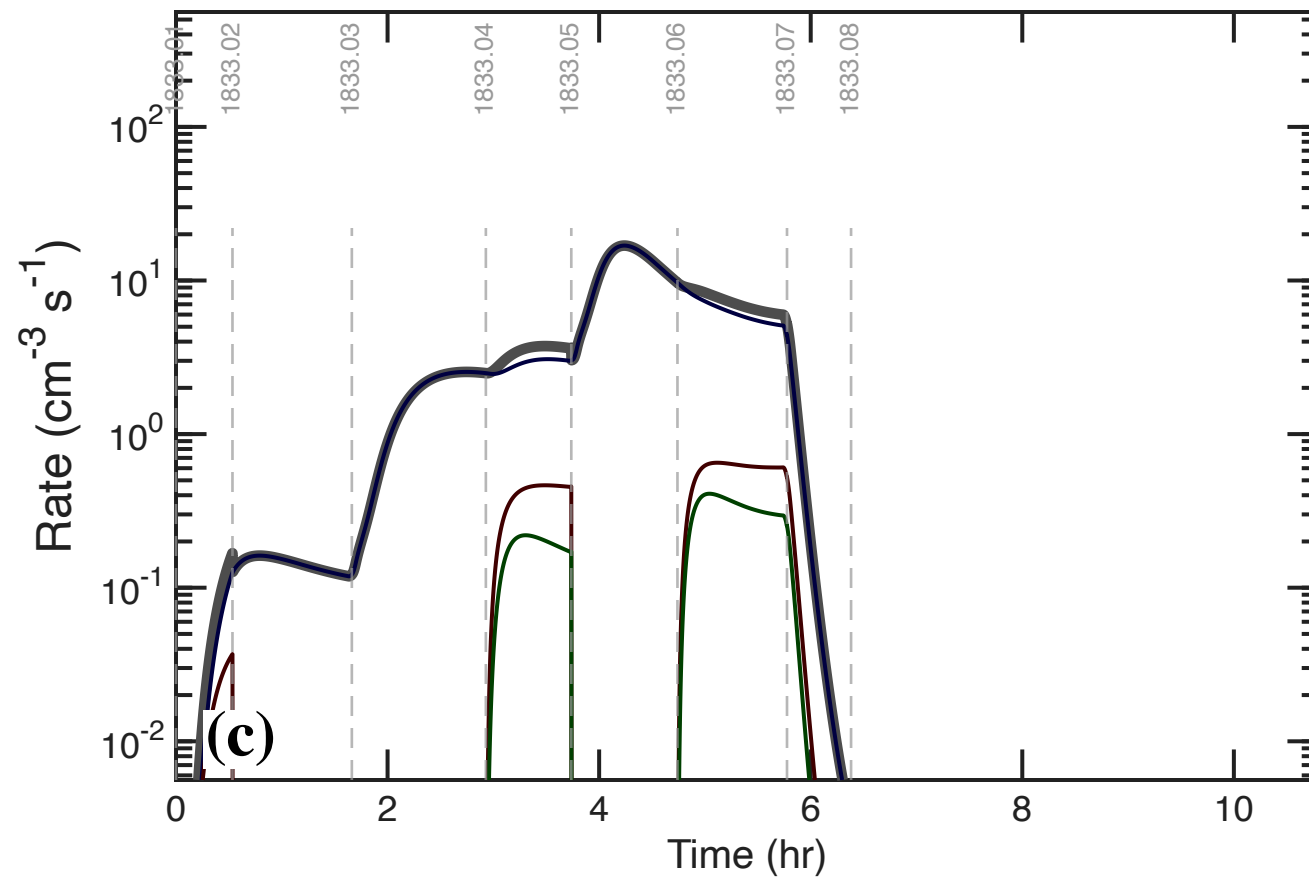


— Total  $P[p_{5\text{ nm}}^{\text{tot}}]$   
 —  $p_{2\text{ nm}}^{\text{o}} + \text{H}_2\text{SO}_4 \rightarrow p_{5\text{ nm}}^{\text{o}}$   
 —  $p_{2\text{ nm}}^{-} + \text{H}_2\text{SO}_4 \rightarrow p_{5\text{ nm}}^{-}$   
 —  $p_{2\text{ nm}}^{+} + \text{H}_2\text{SO}_4 \rightarrow p_{5\text{ nm}}^{+}$



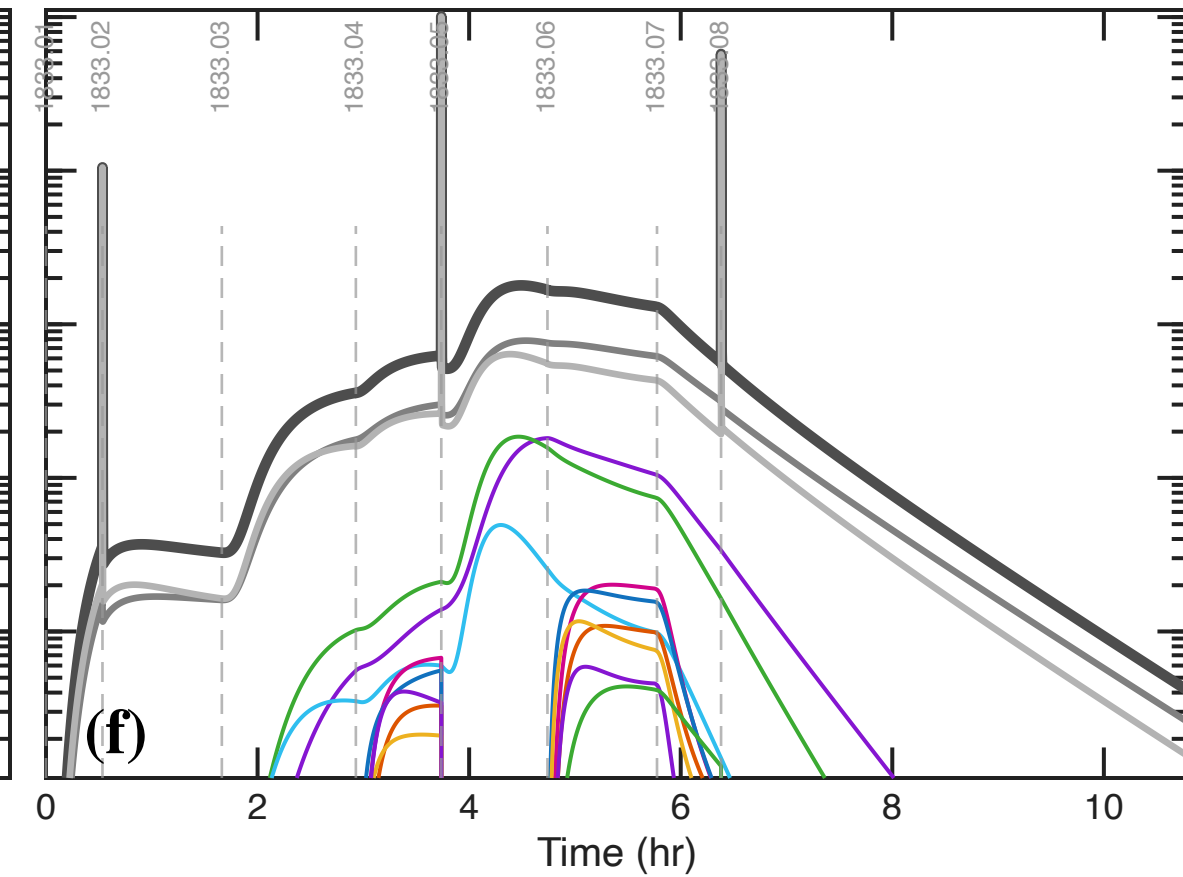
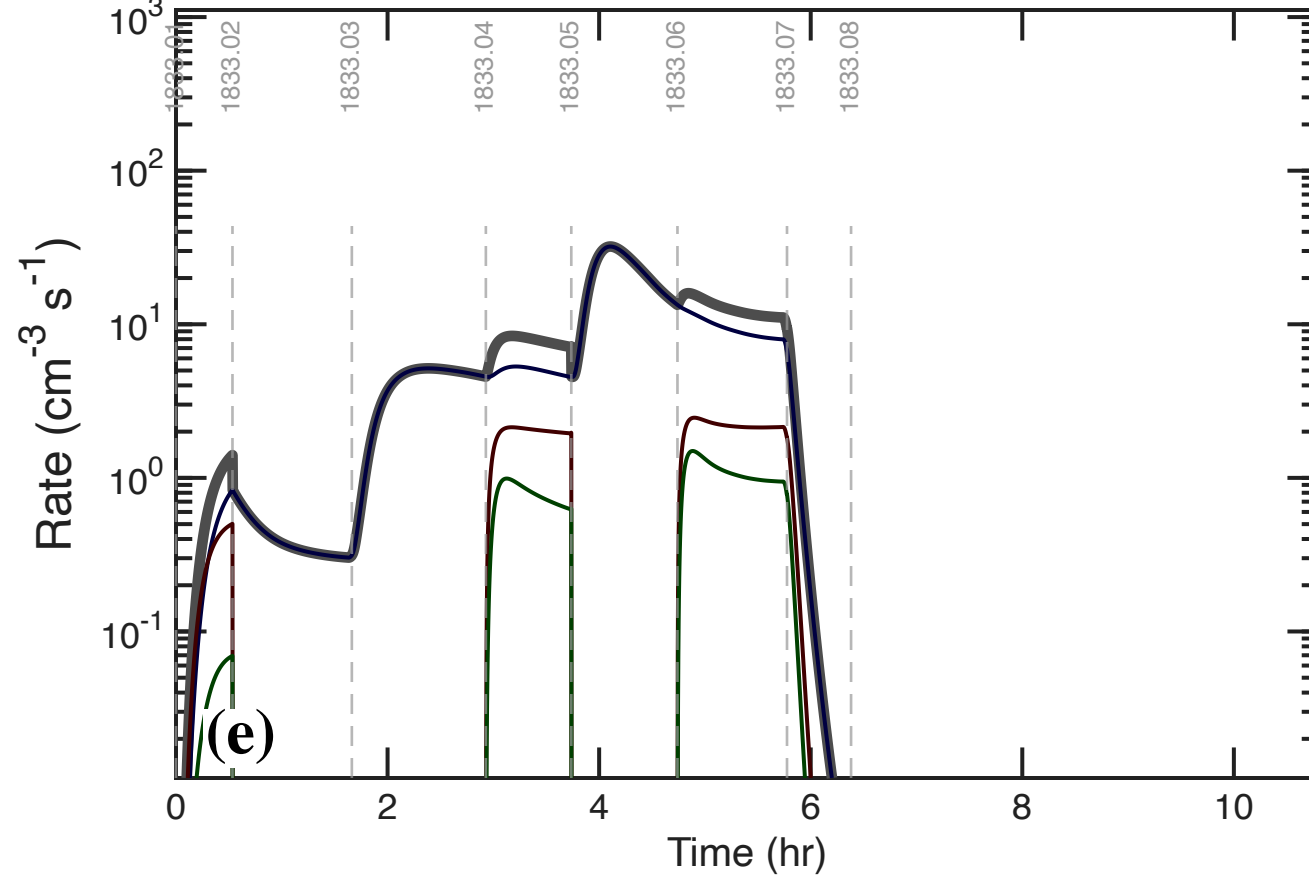
— Total  $L[p_{5\text{ nm}}^{\text{tot}}]$   
 —  $p_{5\text{ nm}}^{\text{o}} + \text{H}_2\text{SO}_4 \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 — Wall loss  
 — Flow out  
 —  $p_{15\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{\text{o}} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{5\text{ nm}}^{-} + \text{H}_2\text{SO}_4 \rightarrow p_{15\text{ nm}}^{-}$   
 —  $p_{5\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{\text{o}} \rightarrow p_{5\text{ nm}}^{\text{o}}$   
 —  $p_{5\text{ nm}}^{+} + \text{H}_2\text{SO}_4 \rightarrow p_{15\text{ nm}}^{+}$   
 —  $p_{15\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{-} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{\text{o}} \rightarrow p_{15\text{ nm}}^{-}$   
 —  $p_{15\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{+} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{-} + p_{5\text{ nm}}^{+} \rightarrow p_{15\text{ nm}}^{+}$   
 —  $p_{5\text{ nm}}^{-} + p_{5\text{ nm}}^{+} \rightarrow p_{5\text{ nm}}^{\text{o}}$

— Total  $P[p_{15\text{ nm}}^{\text{tot}}]$   
 —  $p_{5\text{ nm}}^{\text{o}} + \text{H}_2\text{SO}_4 \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{5\text{ nm}}^{-} + \text{H}_2\text{SO}_4 \rightarrow p_{15\text{ nm}}^{-}$   
 —  $p_{5\text{ nm}}^{+} + \text{H}_2\text{SO}_4 \rightarrow p_{15\text{ nm}}^{+}$



— Total  $L[p_{15\text{ nm}}^{\text{tot}}]$   
 — Flow out  
 — Wall loss  
 —  $p_{15\text{ nm}}^{\text{o}} + p_{15\text{ nm}}^{\text{o}} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{-} + p_{15\text{ nm}}^{+} \rightarrow p_{15\text{ nm}}^{\text{o}}$

— Total  $P[N_{2.5}]$   
 —  $p_{2\text{ nm}}^{\text{o}} + \text{H}_2\text{SO}_4 \rightarrow p_{5\text{ nm}}^{\text{o}}$   
 —  $p_{2\text{ nm}}^{-} + \text{H}_2\text{SO}_4 \rightarrow p_{5\text{ nm}}^{-}$   
 —  $p_{2\text{ nm}}^{+} + \text{H}_2\text{SO}_4 \rightarrow p_{5\text{ nm}}^{+}$



— Total  $L[N_{2.5}]$   
 — Flow out  
 — Wall loss  
 —  $p_{15\text{ nm}}^{\text{o}} + p_{15\text{ nm}}^{\text{o}} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{\text{o}} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{5\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{\text{o}} \rightarrow p_{5\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{+} + p_{5\text{ nm}}^{-} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{-} \rightarrow p_{15\text{ nm}}^{-}$   
 —  $p_{15\text{ nm}}^{-} + p_{5\text{ nm}}^{+} \rightarrow p_{15\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{\text{o}} + p_{5\text{ nm}}^{+} \rightarrow p_{15\text{ nm}}^{+}$   
 —  $p_{5\text{ nm}}^{-} + p_{5\text{ nm}}^{+} \rightarrow p_{5\text{ nm}}^{\text{o}}$   
 —  $p_{15\text{ nm}}^{-} + p_{15\text{ nm}}^{+} \rightarrow p_{15\text{ nm}}^{\text{o}}$