Supporting Information

Vacancy Diffusion Barriers in TaON and Ta₃N₅ Water-Splitting Photocatalysts

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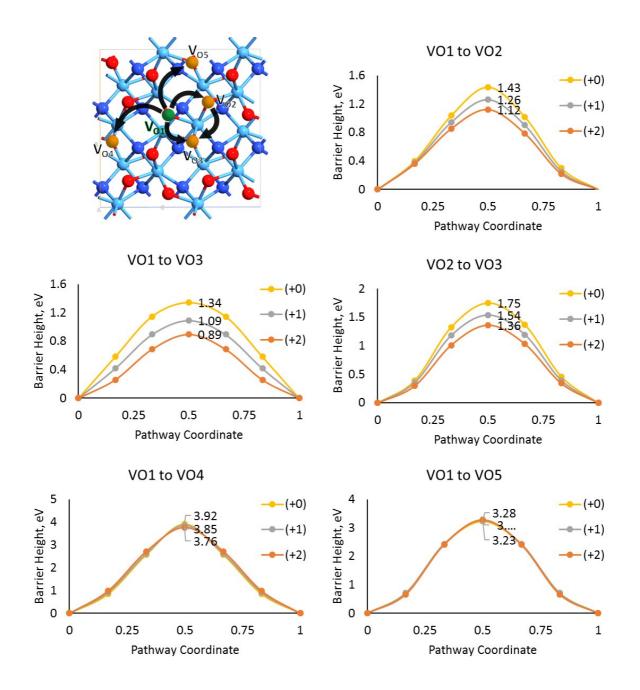


Figure S1. NEB Pathways corresponding to diffusion barriers reported in Figure 2.(a).

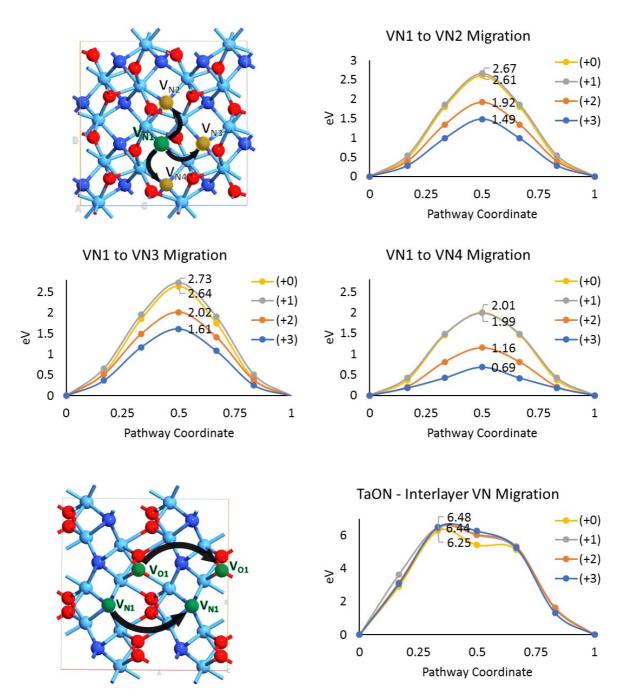


Figure S2. NEB Pathways corresponding to diffusion barriers reported in Figure 2.(b).

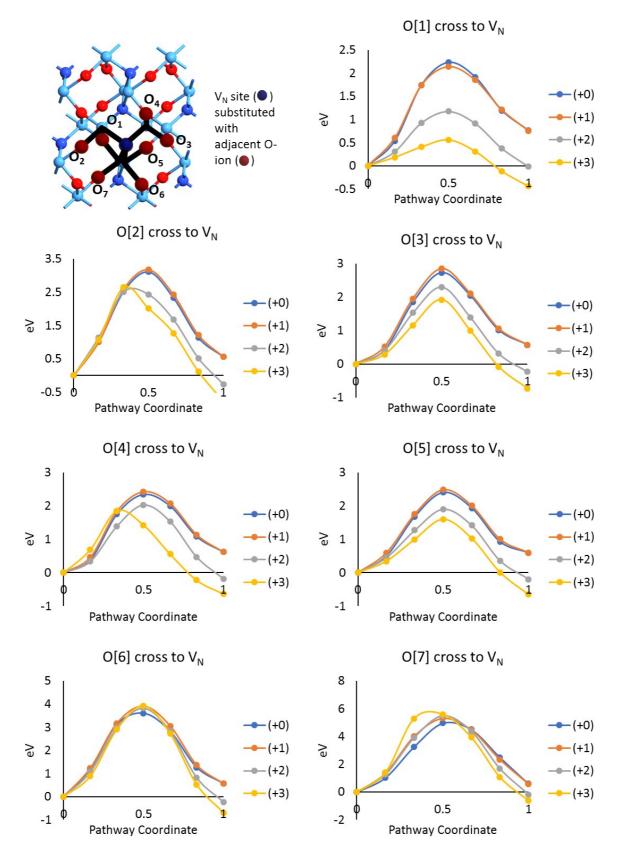


Figure S3. NEB Pathways corresponding to diffusion barriers reported in Figure 3.

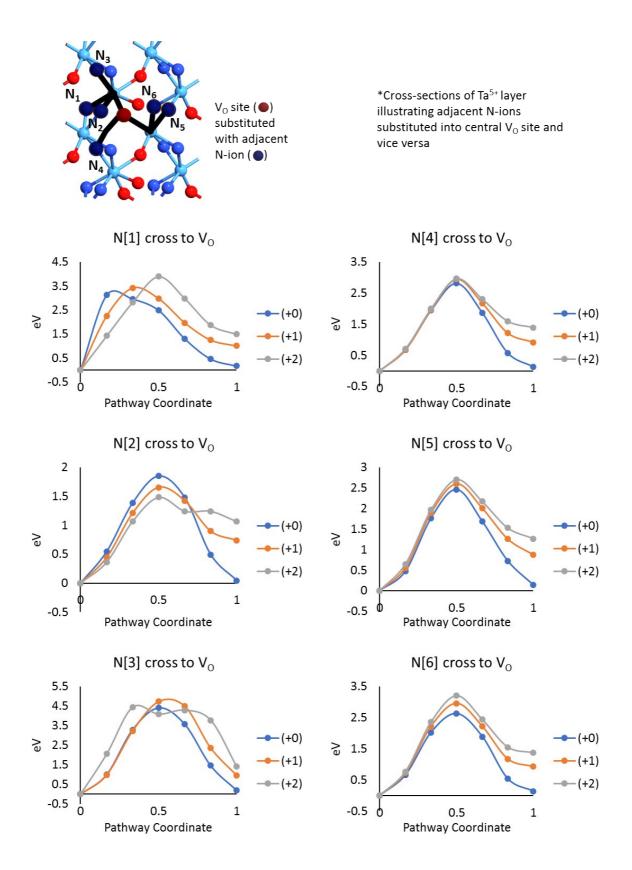
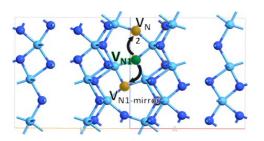
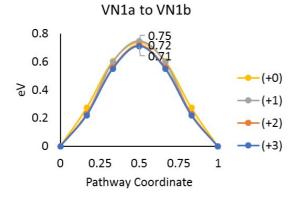


Figure S4. NEB Pathways corresponding to diffusion barriers reported in Figure 4.



- between 3-coordinate N's



- between 4-coordinate N's

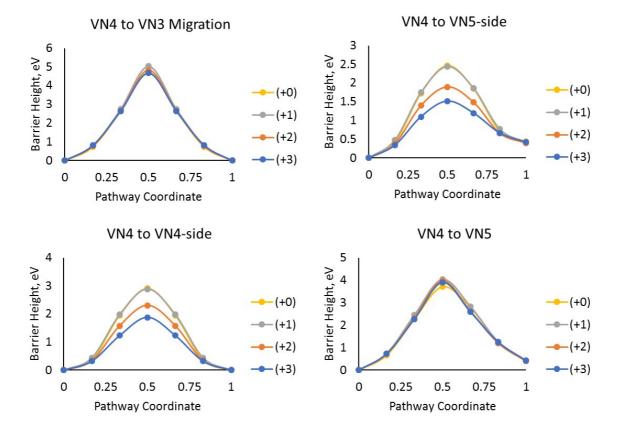
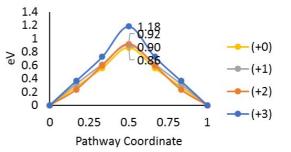


Figure S5. NEB Pathways corresponding to diffusion barriers reported in Figure 5.(a) &(b)





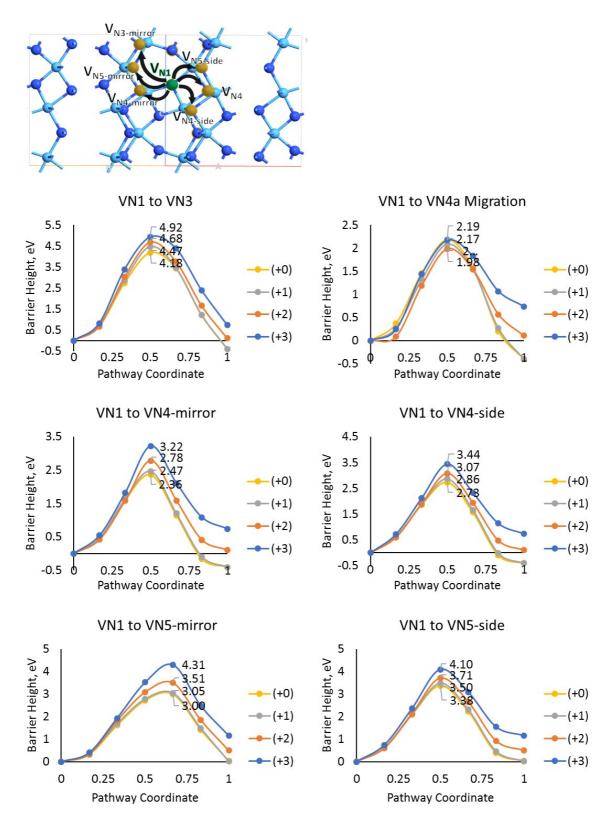


Figure S6. NEB Pathways corresponding to diffusion barriers reported in Figure 5.(c)

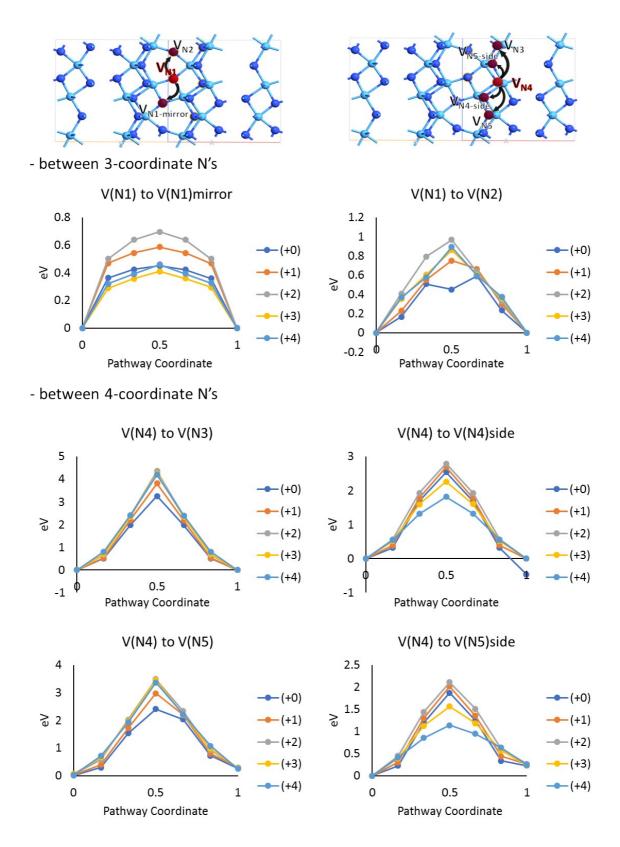


Figure S7. NEB Pathways corresponding to diffusion barriers reported in Figure 6.(a) &(b)

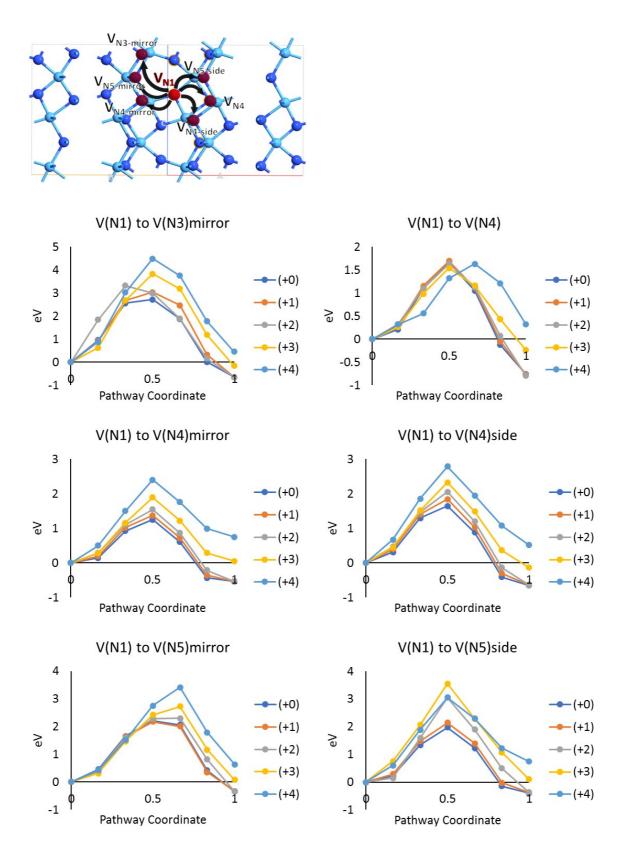


Figure S8. NEB Pathways corresponding to diffusion barriers reported in Figure 6.(c)