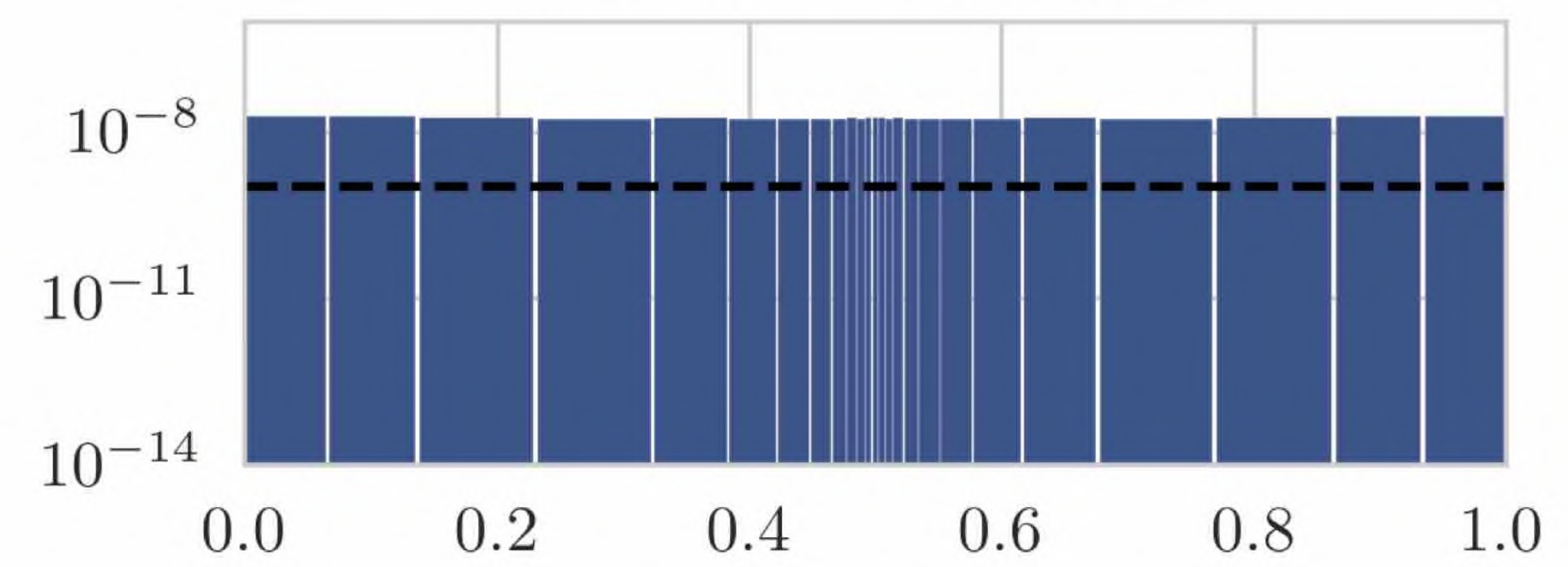
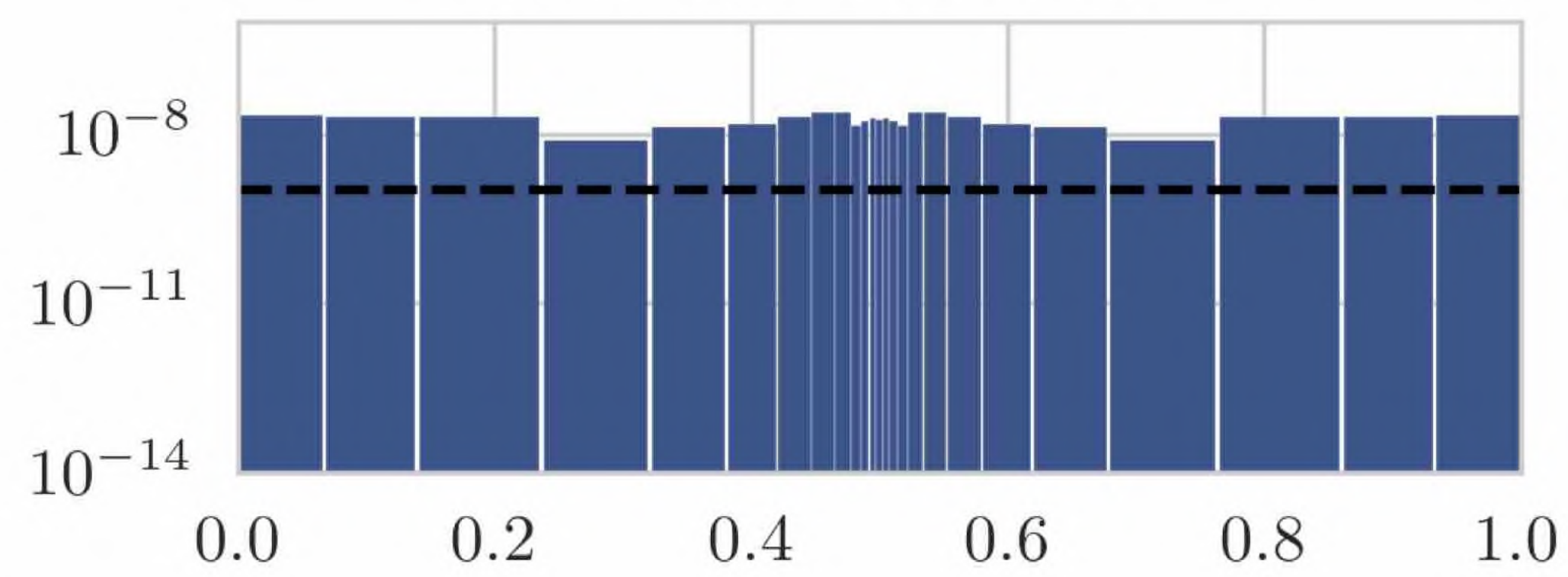
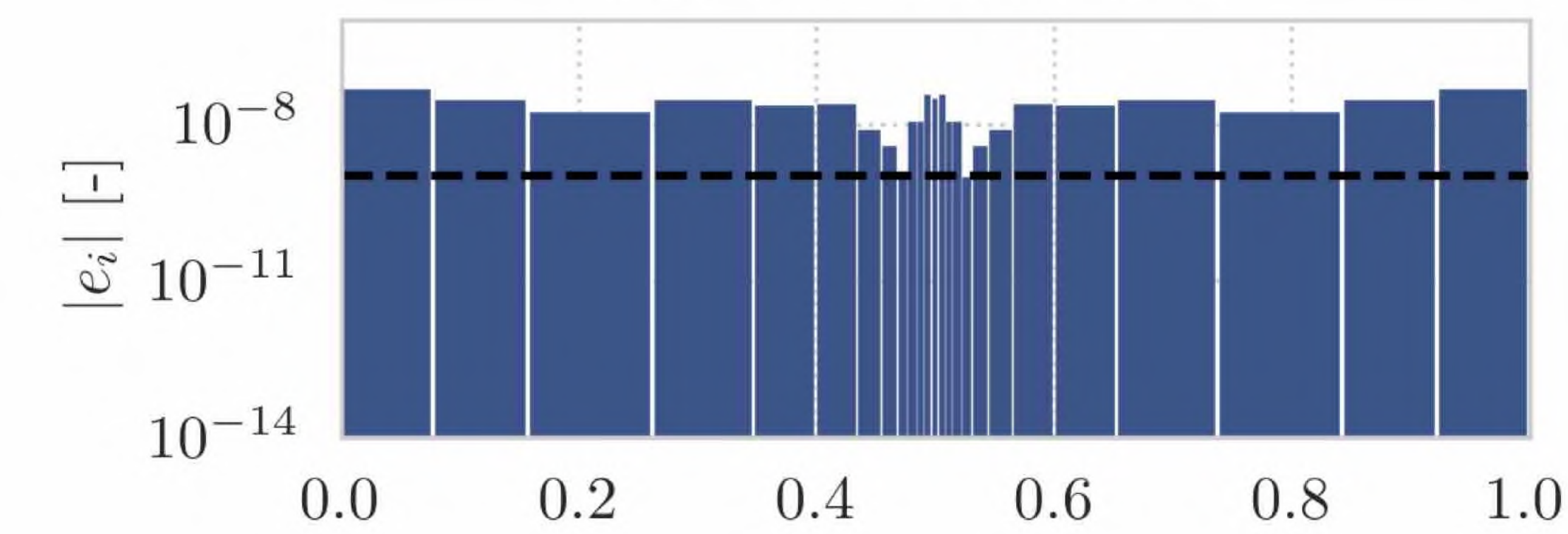


L_1 ($a_{lt} = 0.05$, $\alpha = 0.0$ rad, $H_{lt} = -1.525$) - Mesh refinement process

1. $\Delta e_i = 4.594 \cdot 10^{-8}$

2. $\Delta e_i = 1.680 \cdot 10^{-8}$

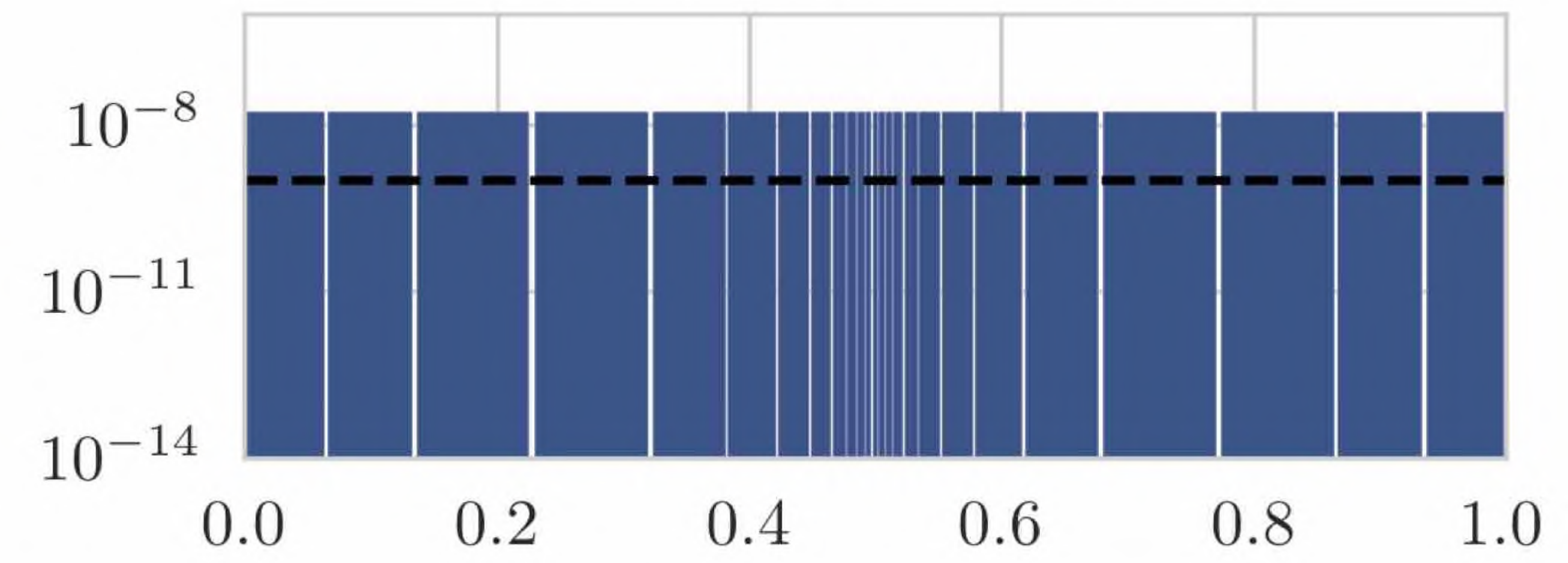
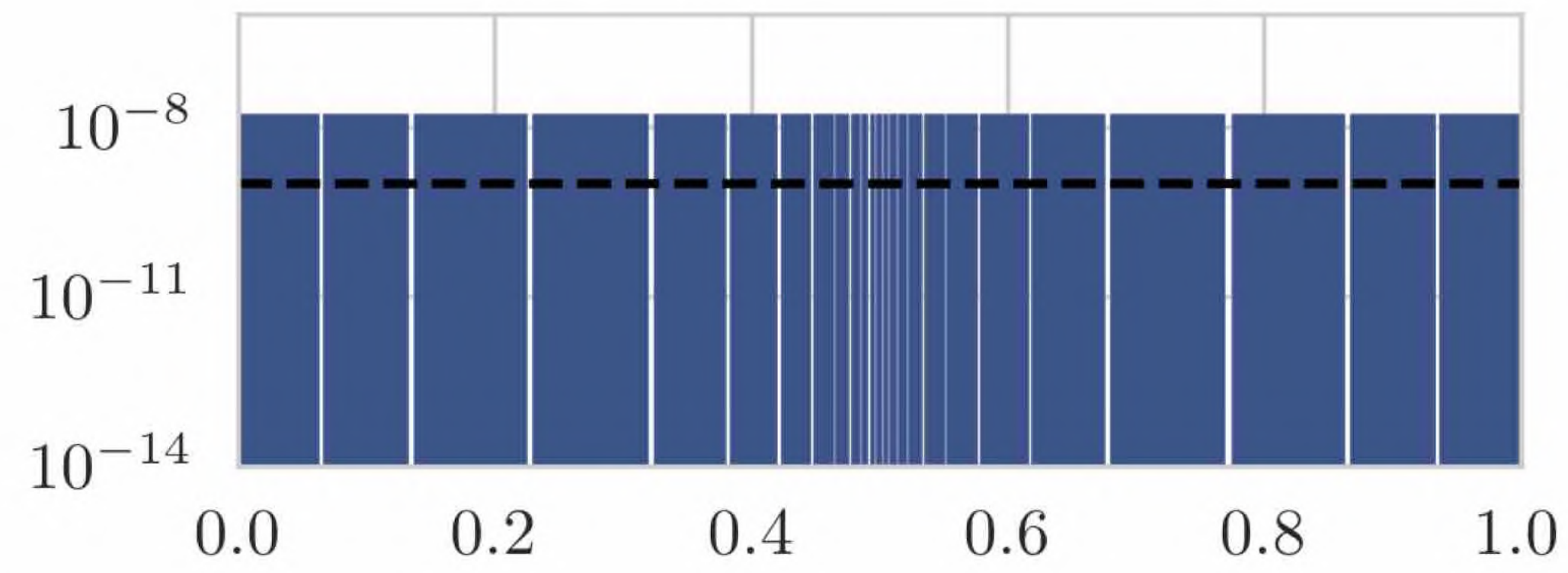
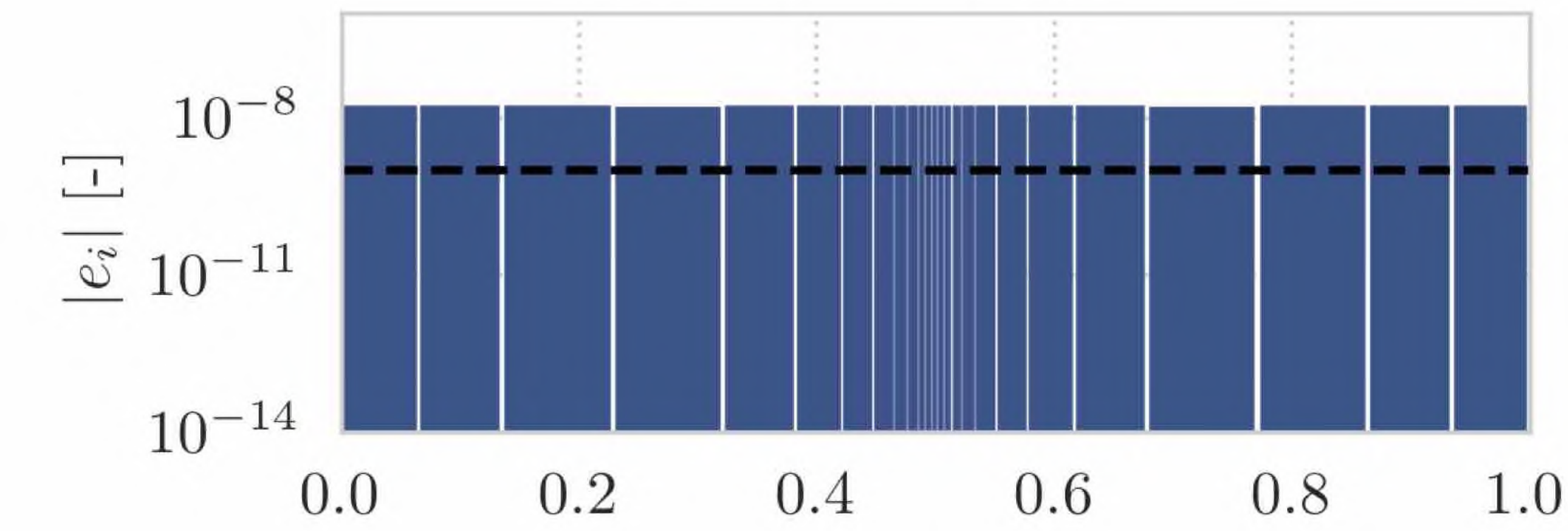
3. $\Delta e_i = 2.455 \cdot 10^{-9}$



4. $\Delta e_i = 2.016 \cdot 10^{-9}$

5. $\Delta e_i = 4.210 \cdot 10^{-10}$

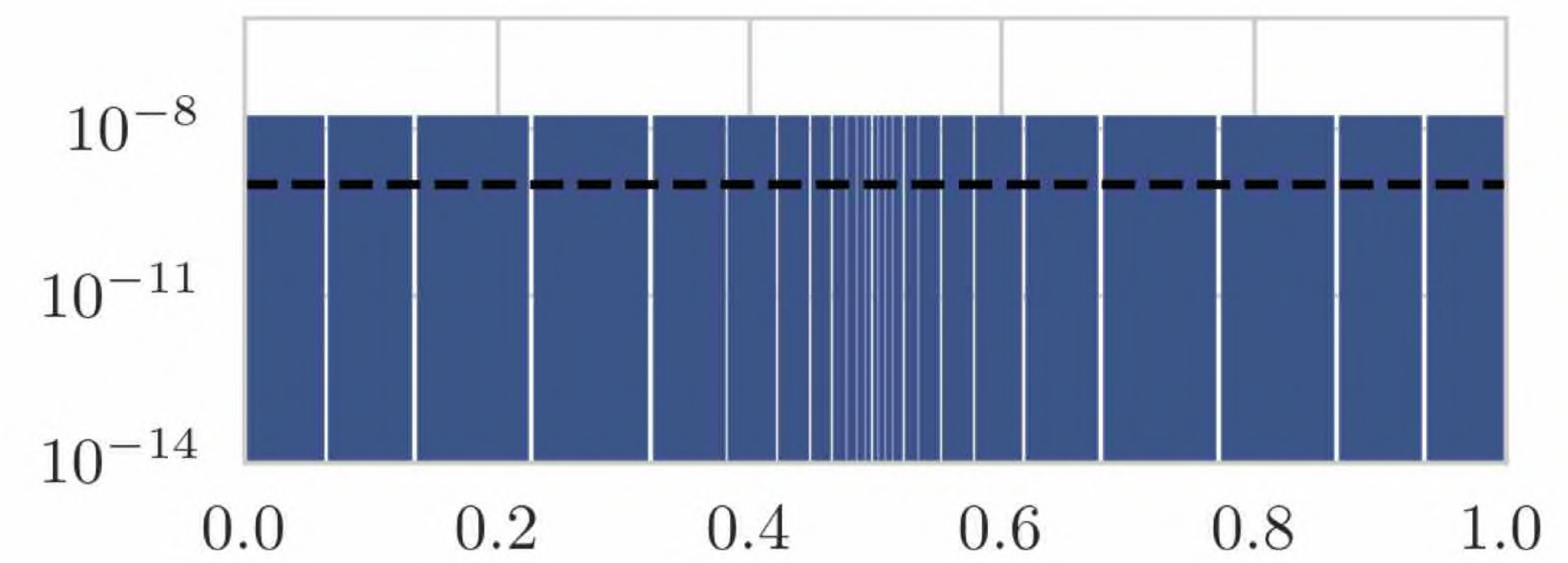
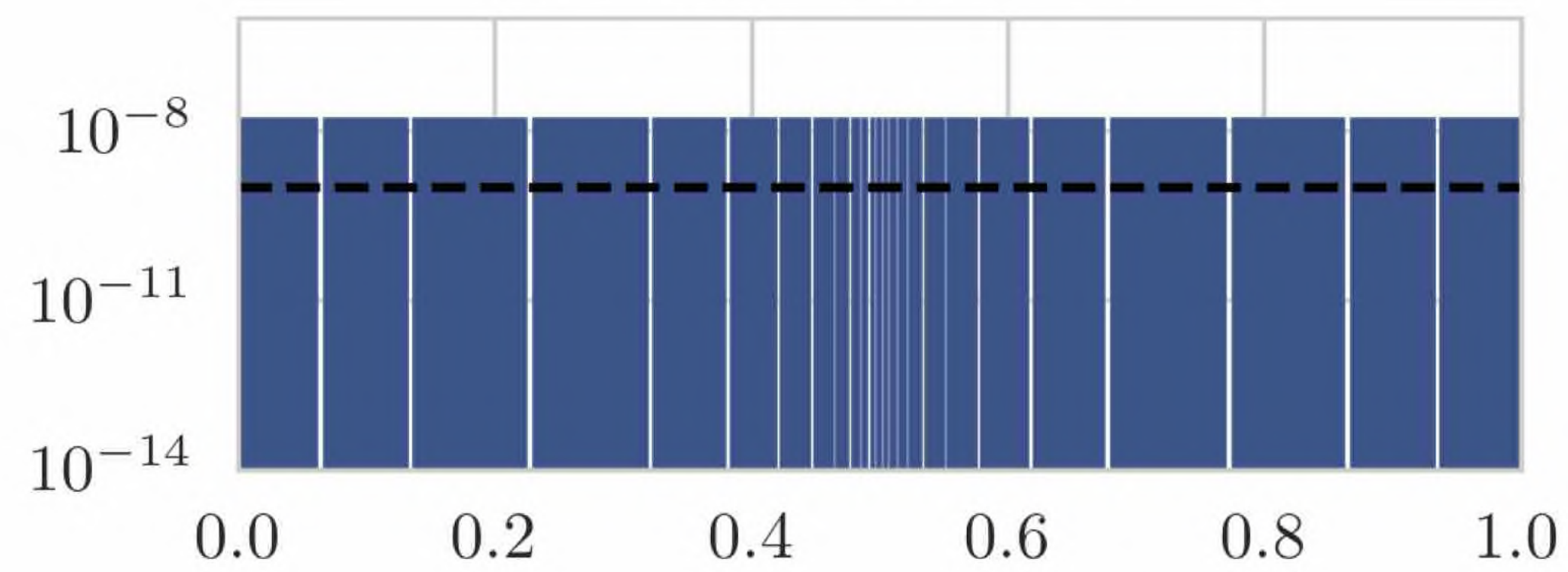
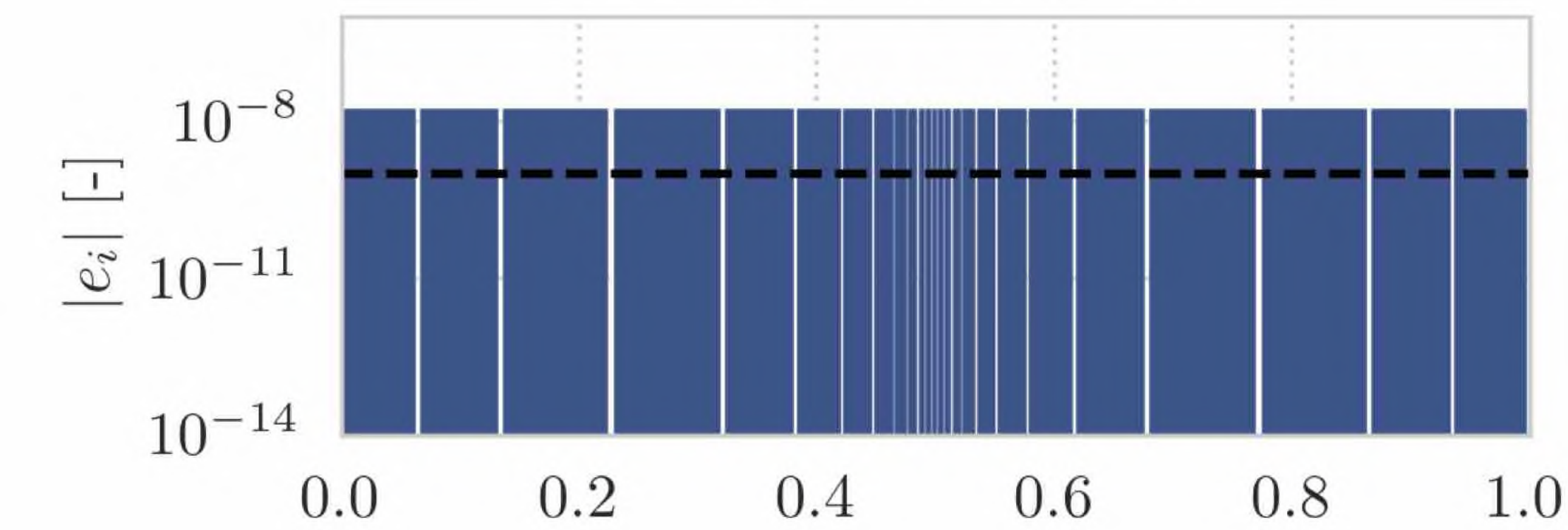
6. $\Delta e_i = 3.114 \cdot 10^{-10}$



7. $\Delta e_i = 7.7663 \cdot 10^{-11}$

8. $\Delta e_i = 4.916 \cdot 10^{-11}$

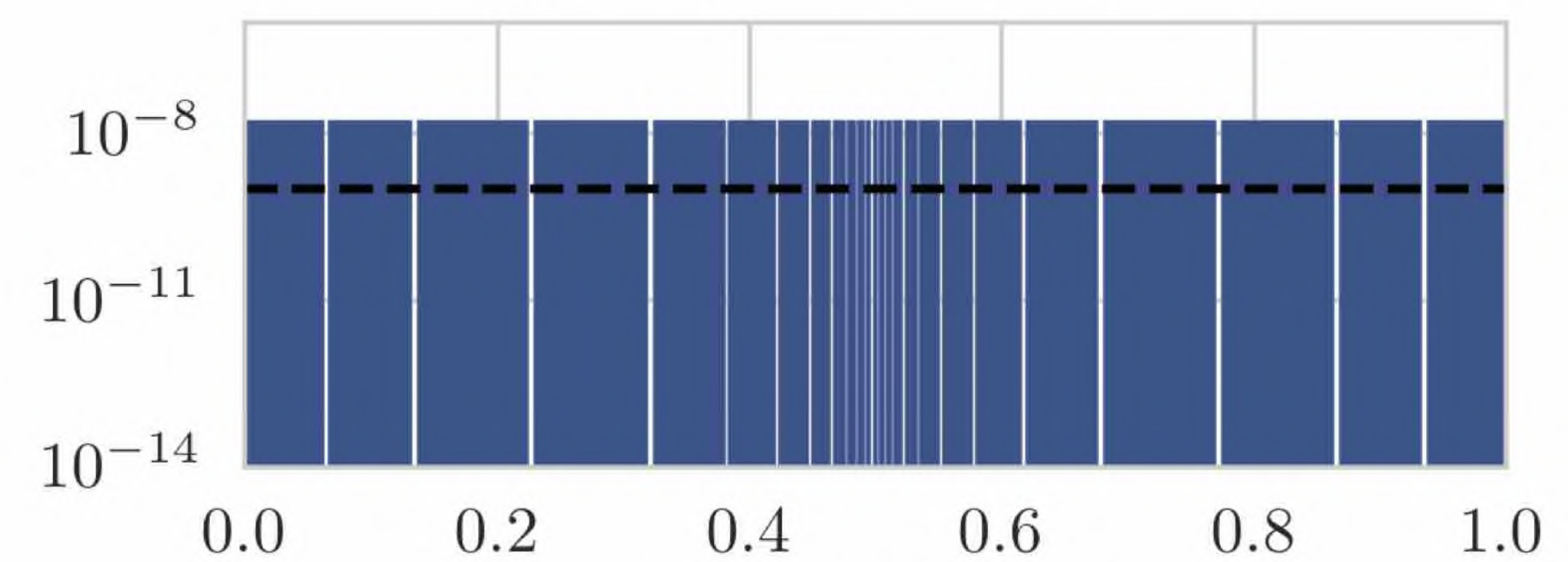
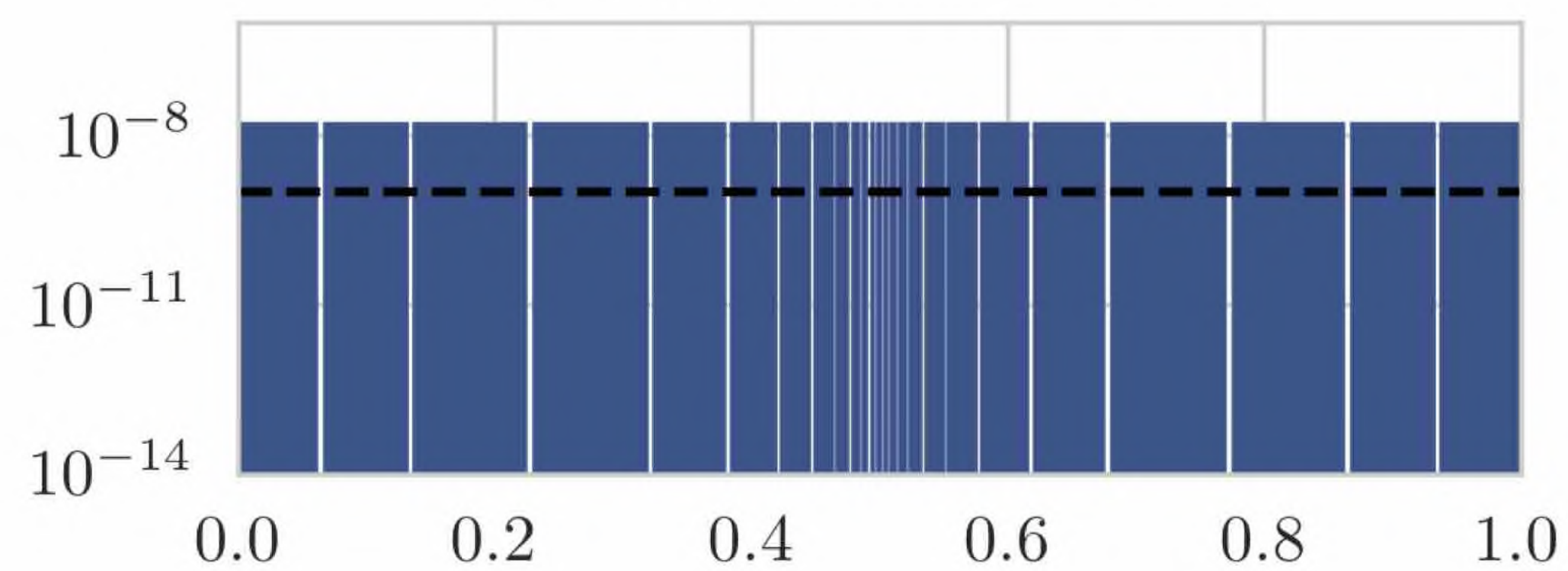
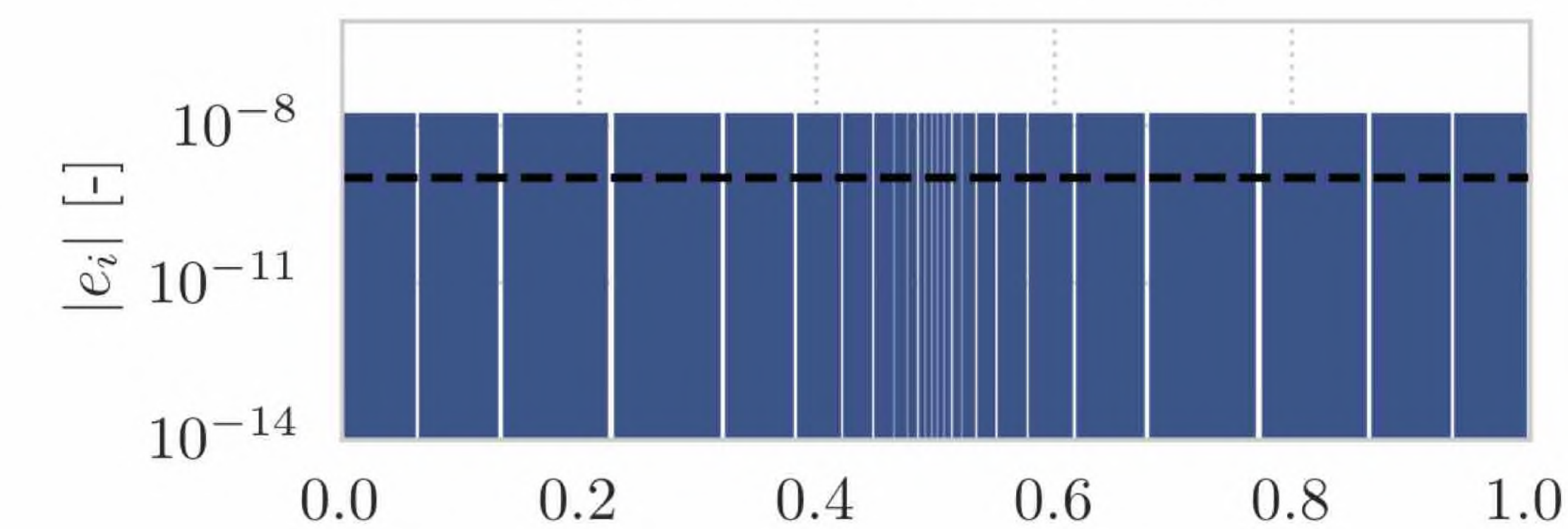
9. $\Delta e_i = 1.7460 \cdot 10^{-11}$



10. $\Delta e_i = 6.4884 \cdot 10^{-12}$

11. $\Delta e_i = 3.8025 \cdot 10^{-12}$

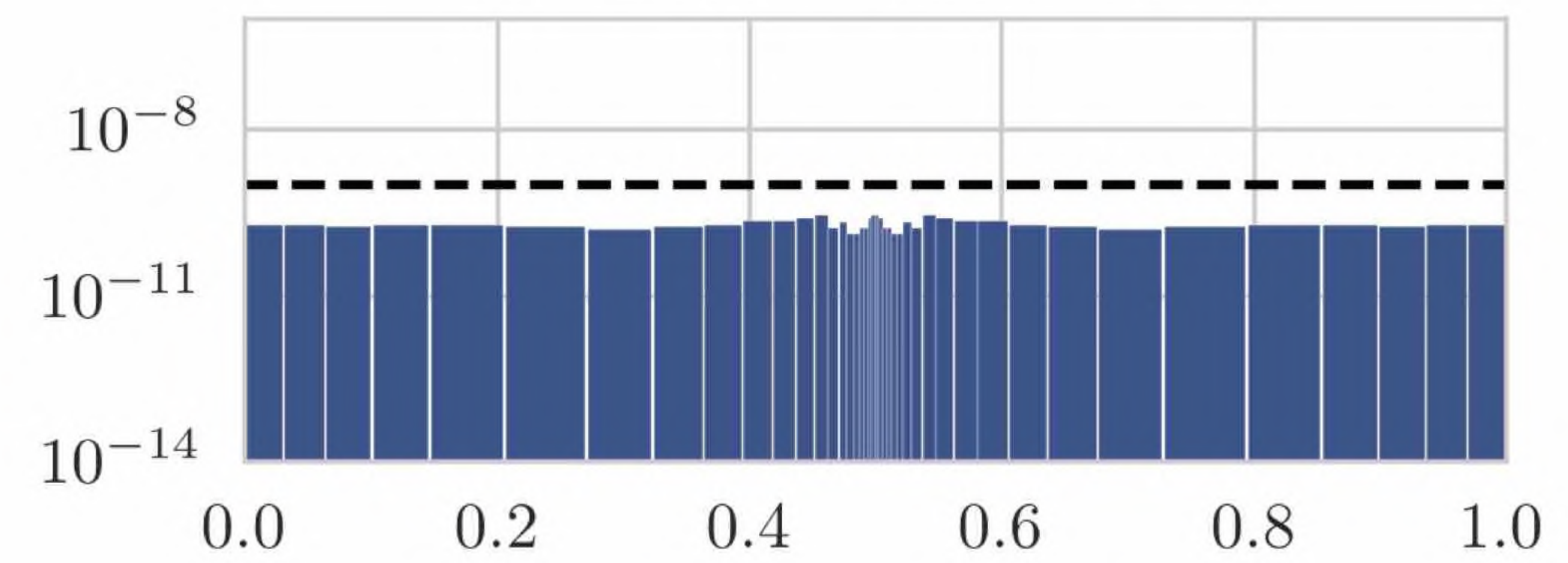
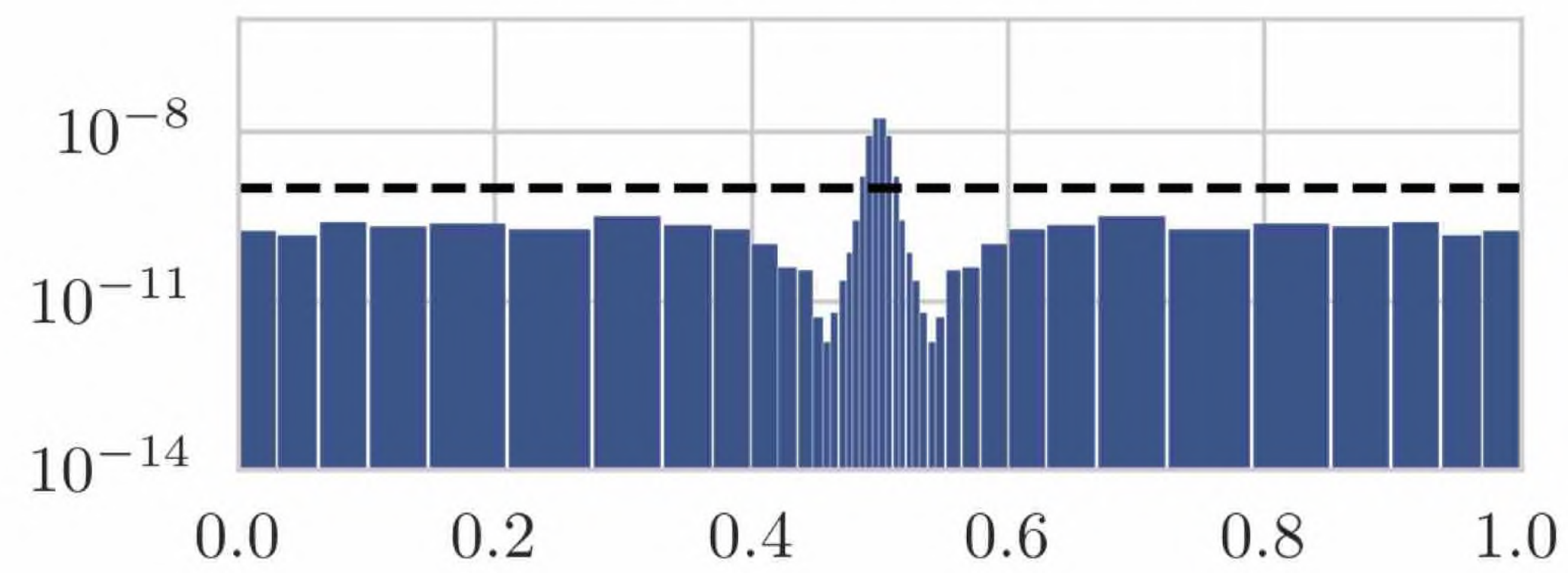
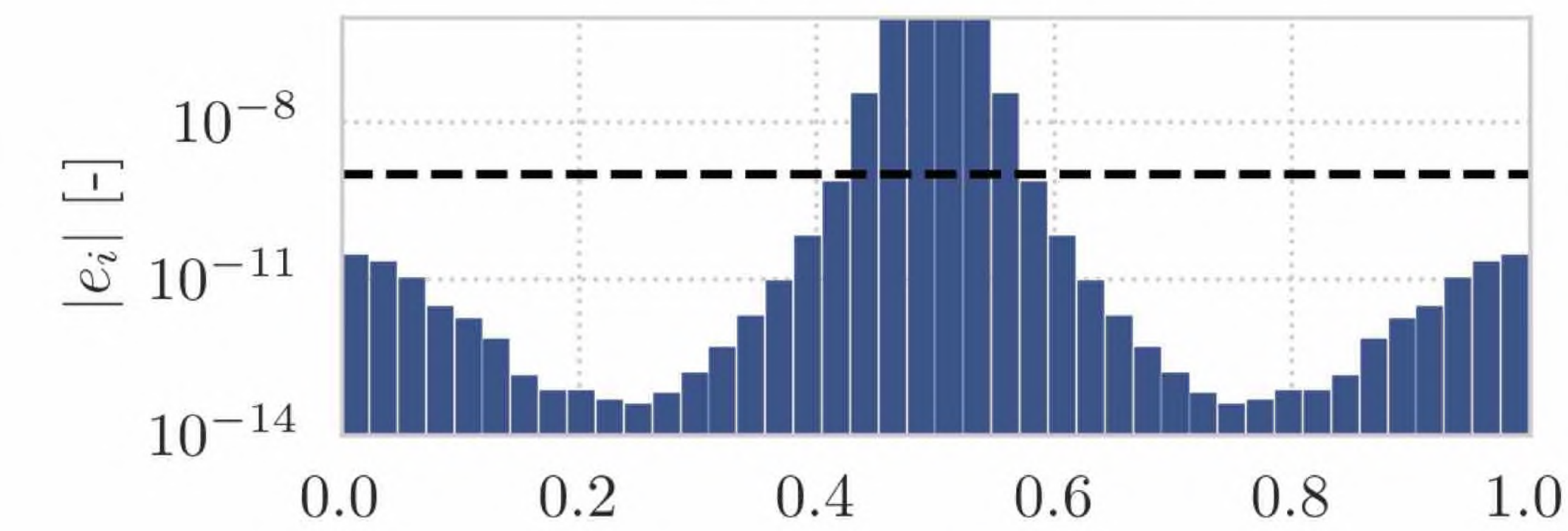
12. $\Delta e_i = 7.9434 \cdot 10^{-13}$



13. $\Delta e_i = 3.9321 \cdot 10^{-5}$

14. $\Delta e_i = 1.7150 \cdot 10^{-8}$

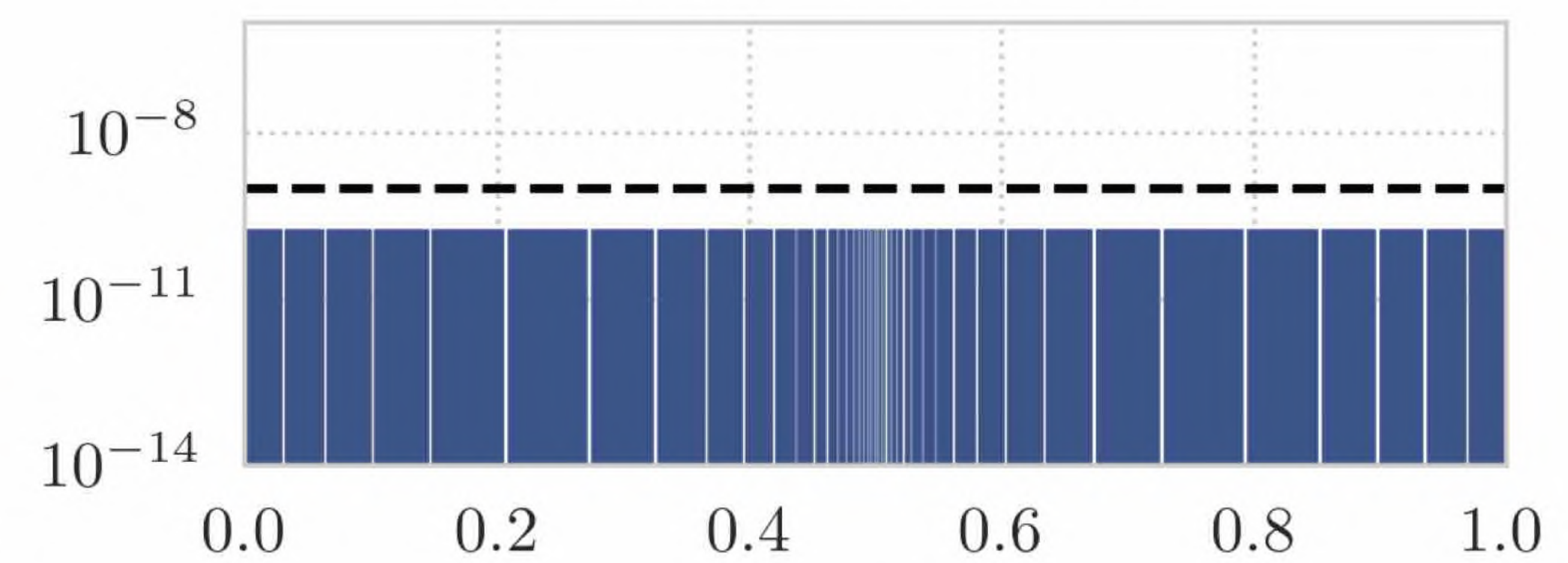
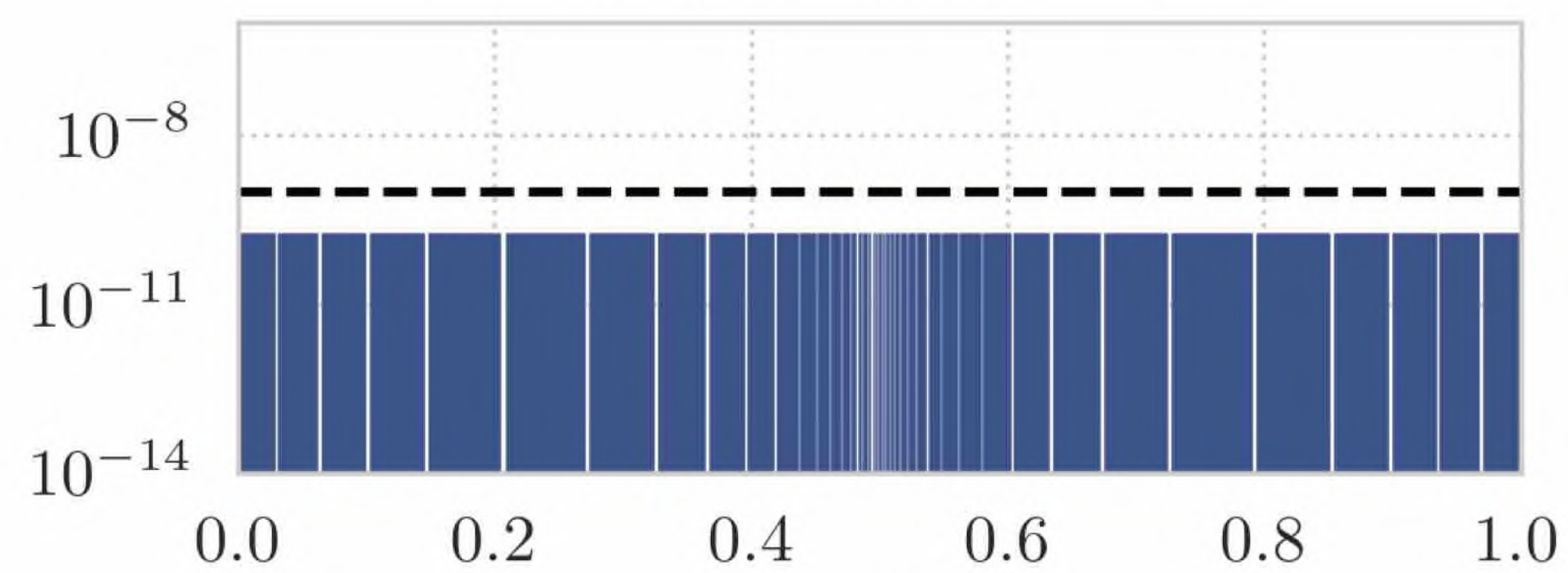
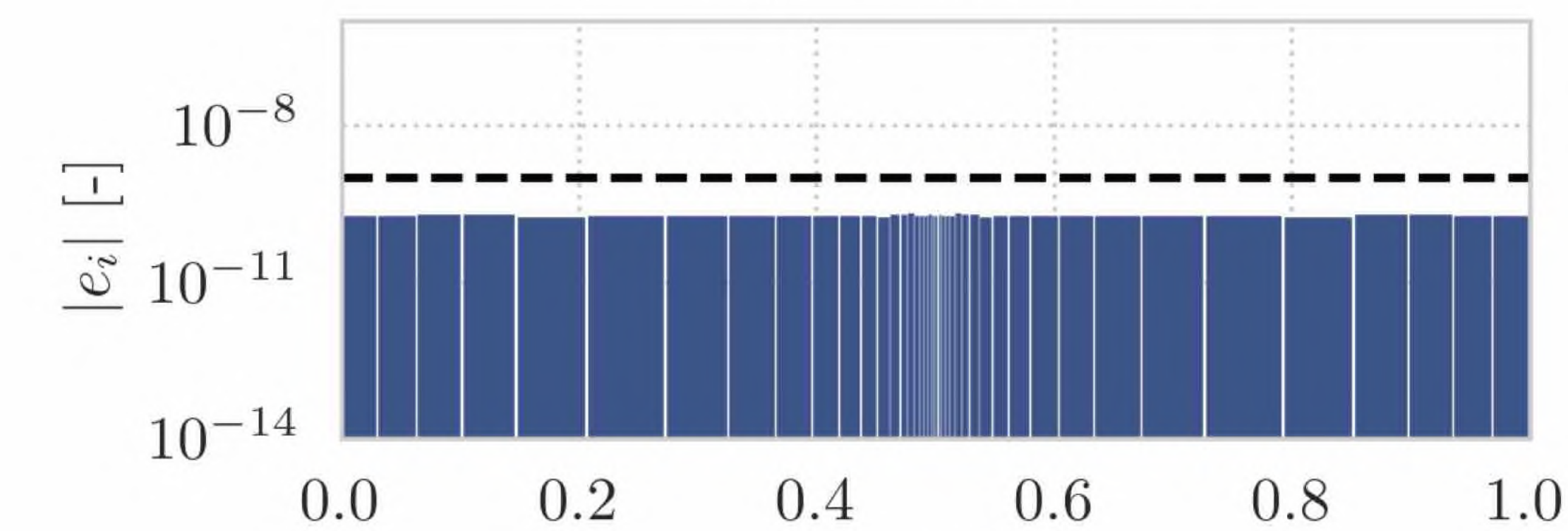
15. $\Delta e_i = 1.6214 \cdot 10^{-10}$



16. $\Delta e_i = 2.7122 \cdot 10^{-11}$

17. $\Delta e_i = 4.7408 \cdot 10^{-12}$

18. $\Delta e_i = 3.6751 \cdot 10^{-13}$



ϕ [-]

ϕ [-]

ϕ [-]