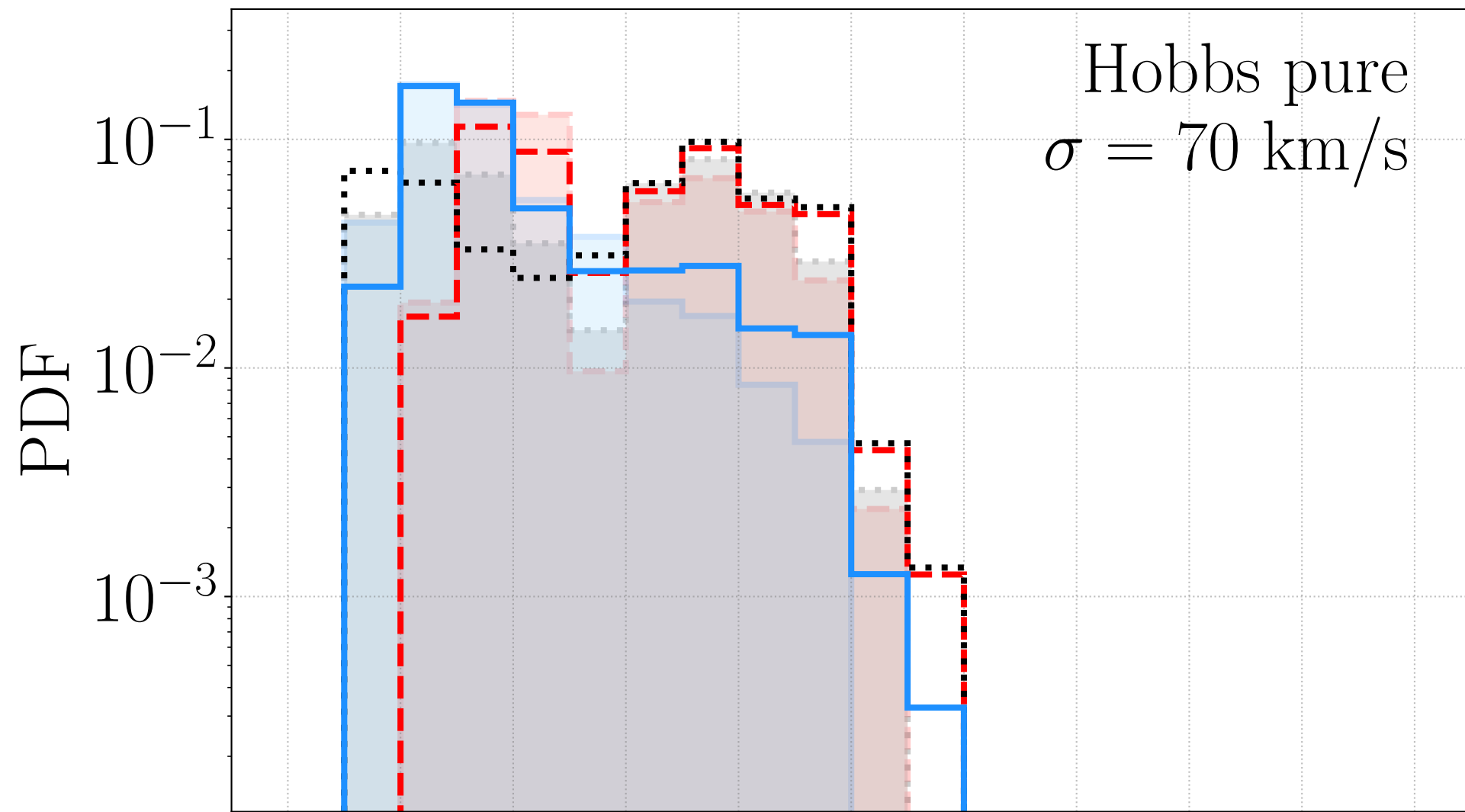
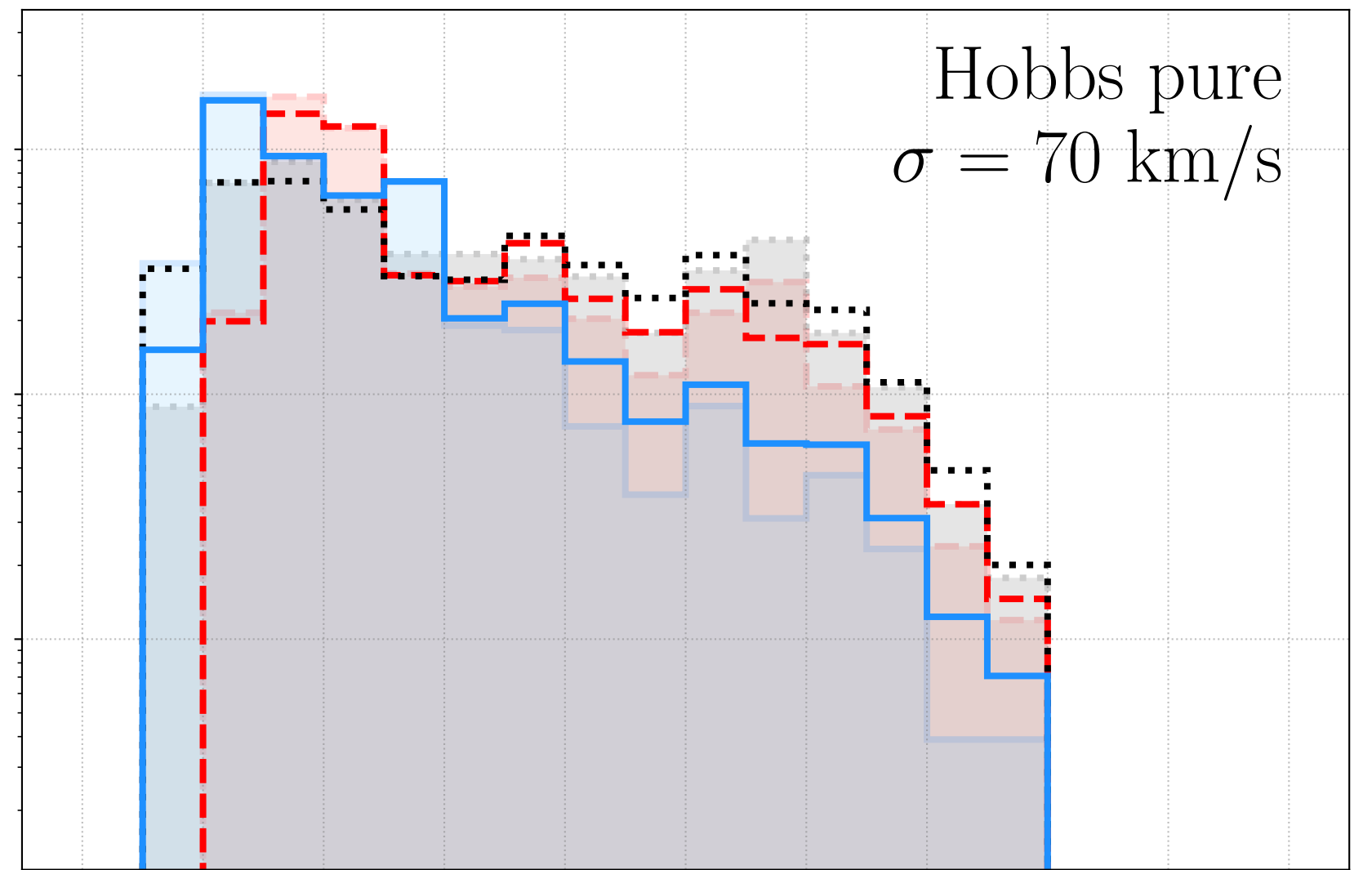
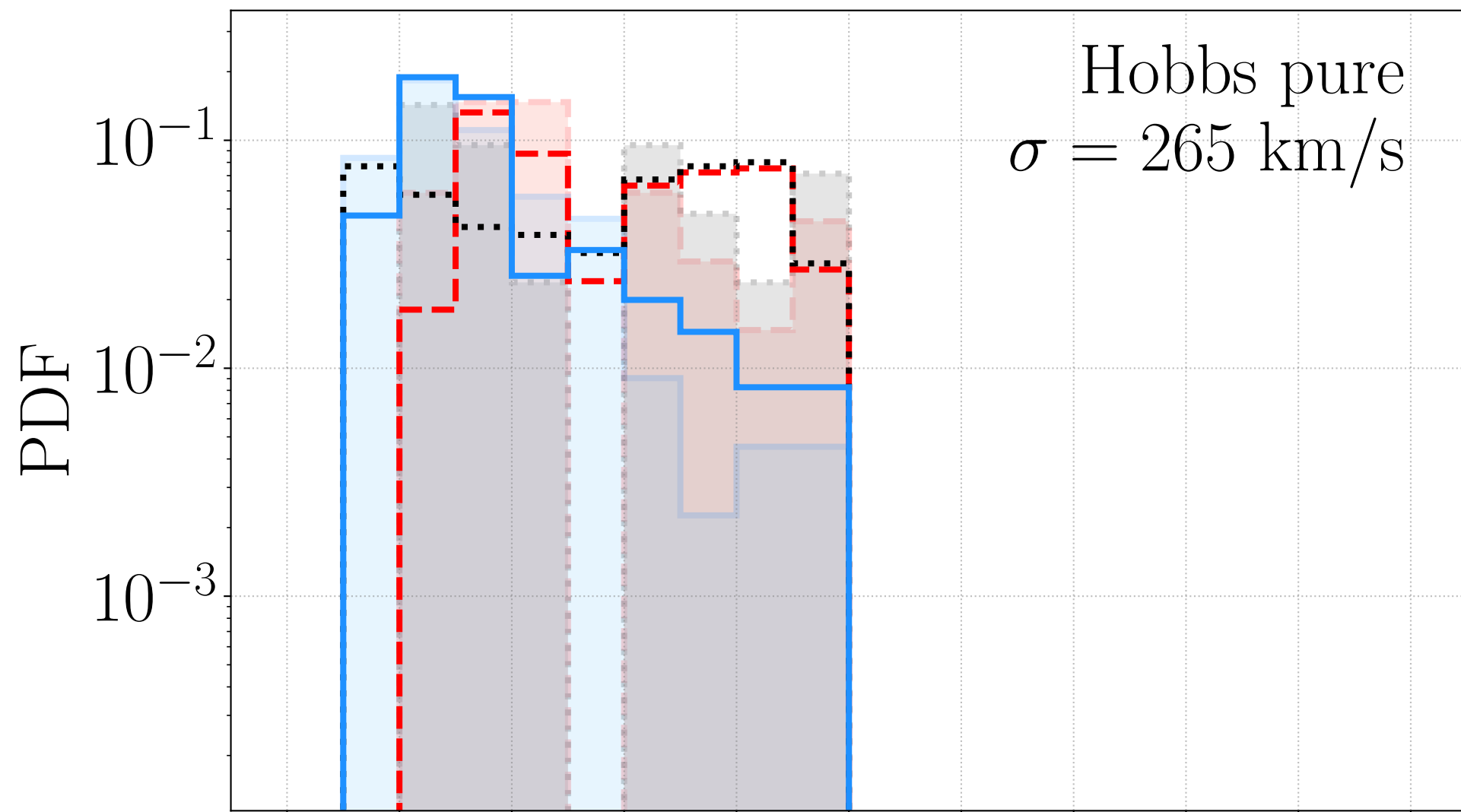
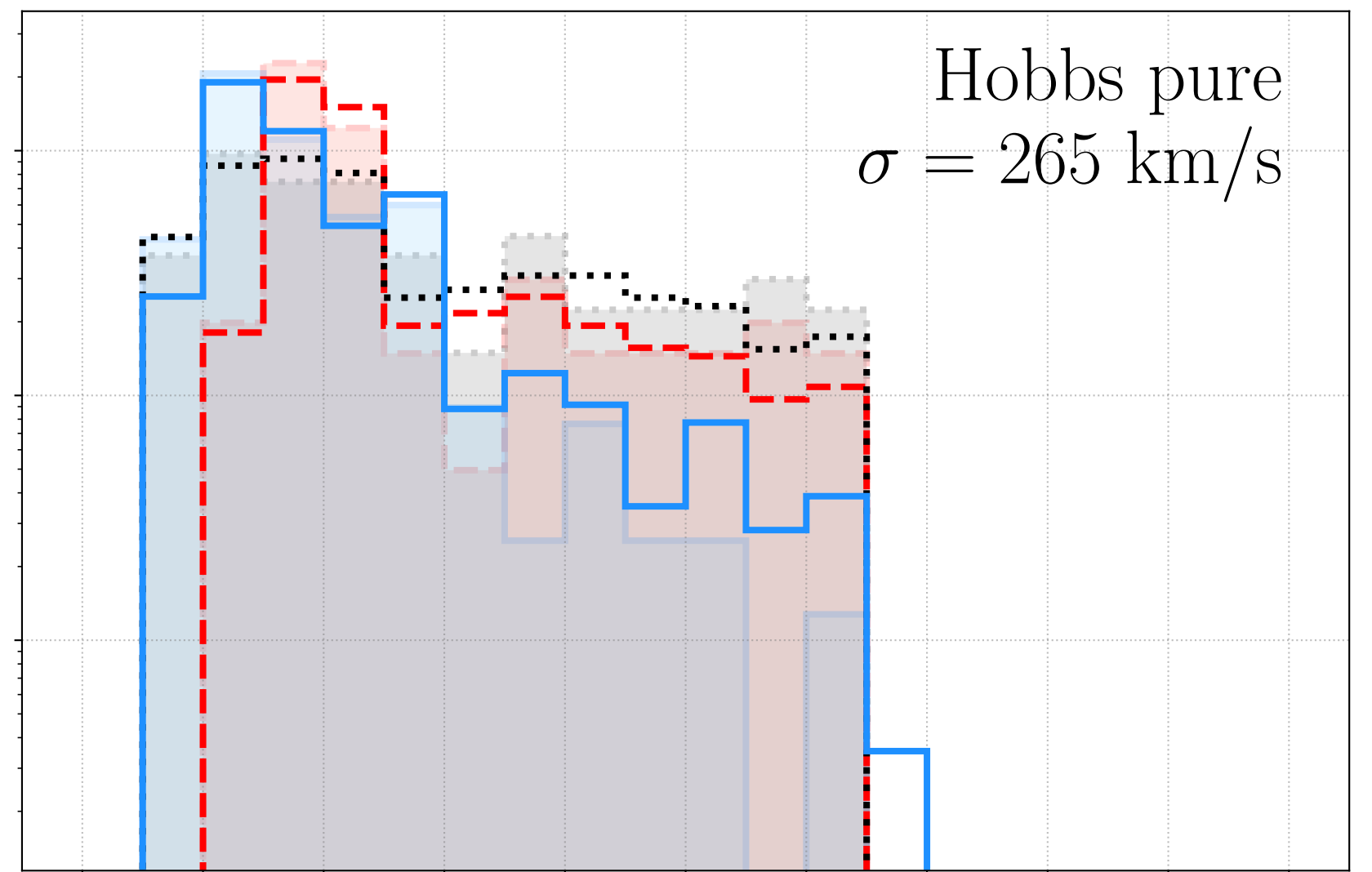


$Z = 0.02$  $Z = 0.015$ 

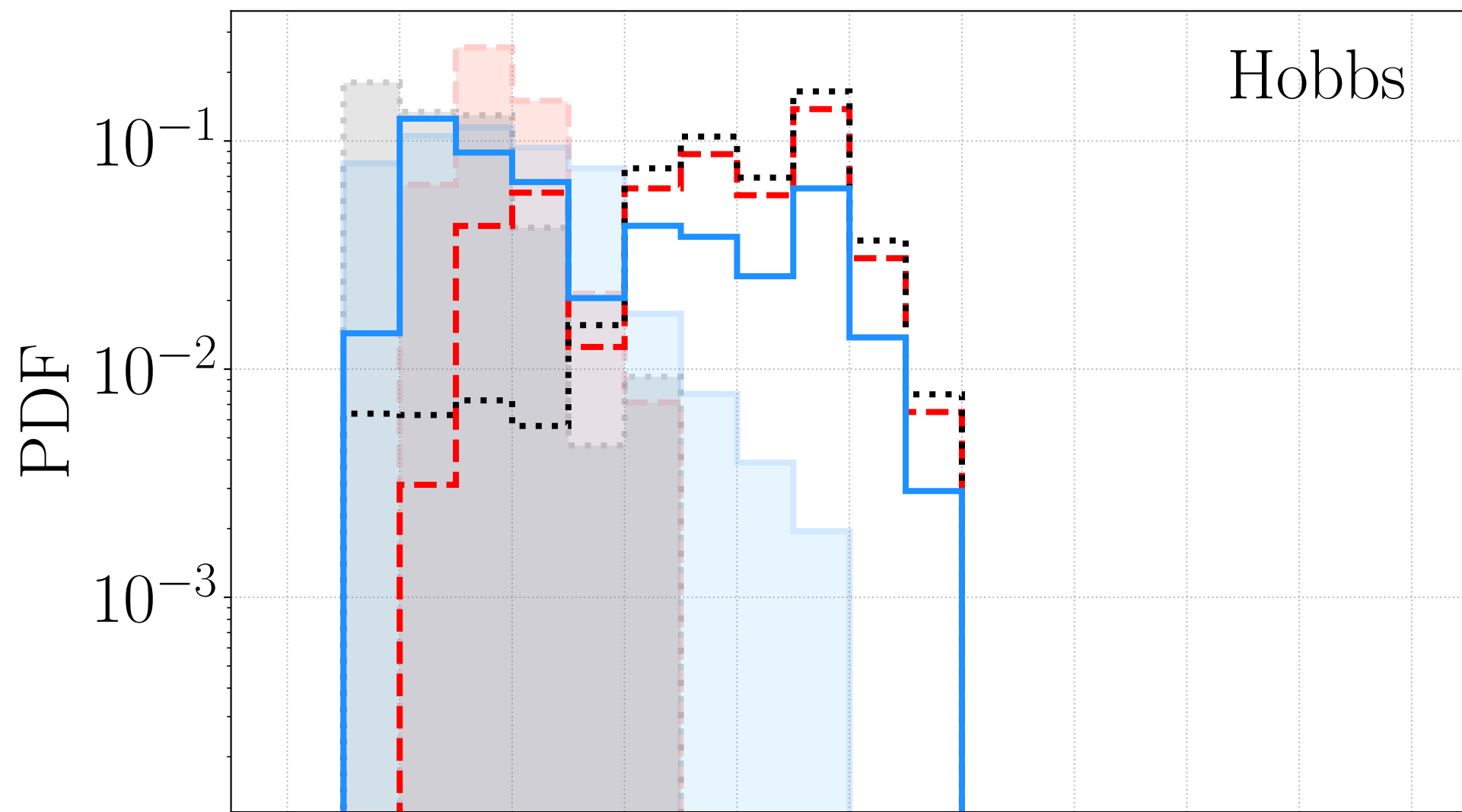
Hobbs pure  
 $\sigma = 265$  km/s



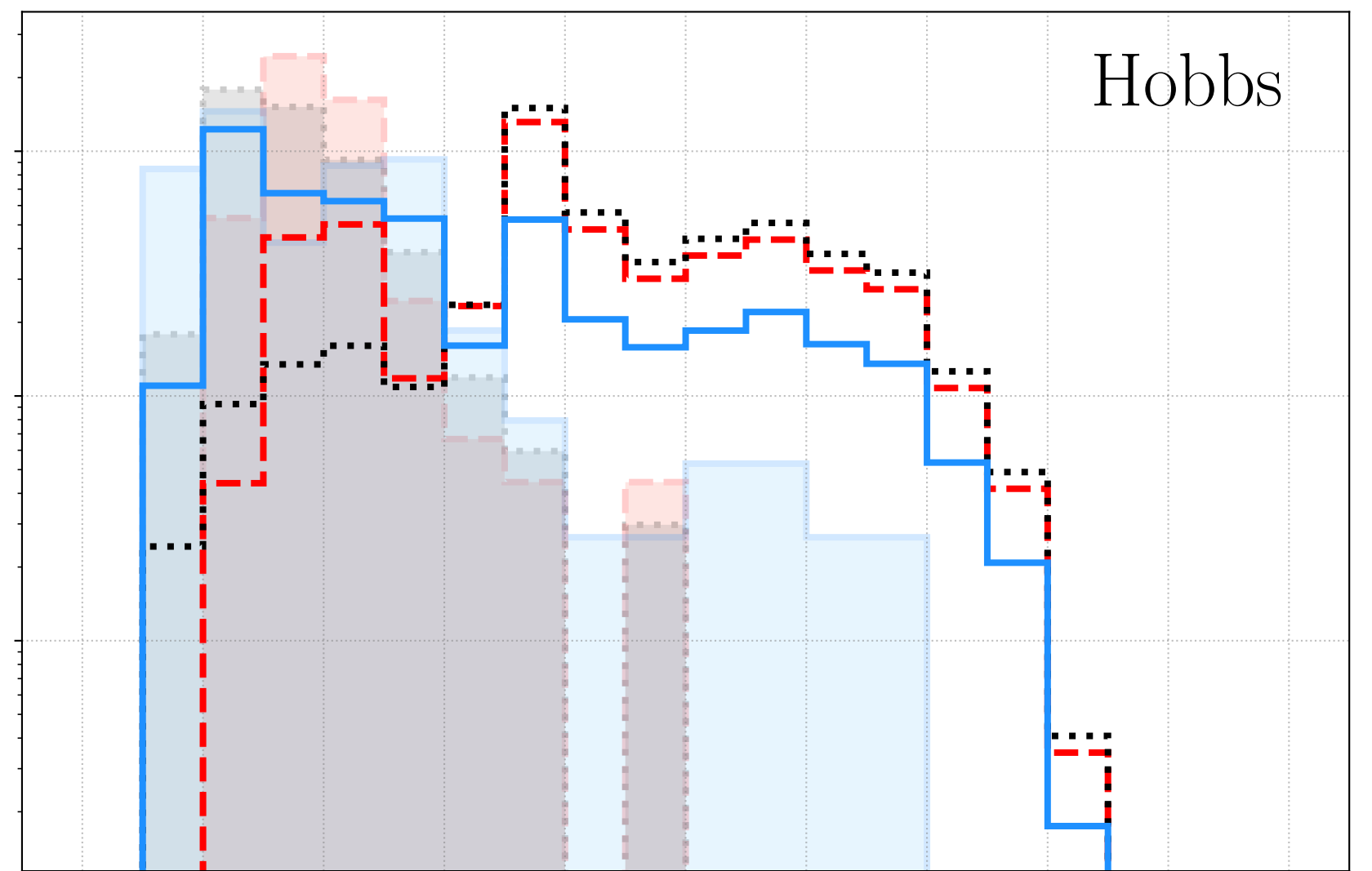
Hobbs pure  
 $\sigma = 265$  km/s



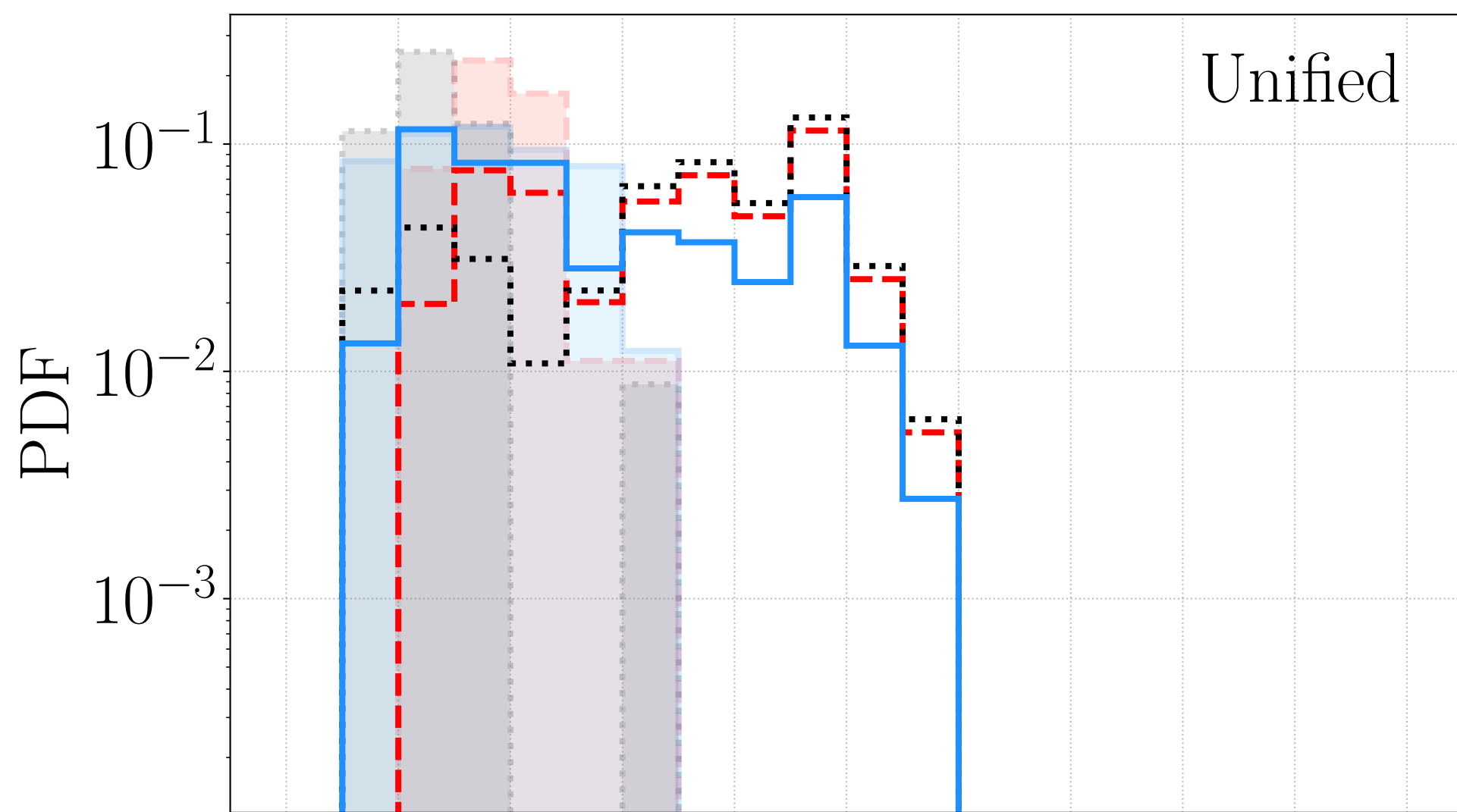
Hobbs



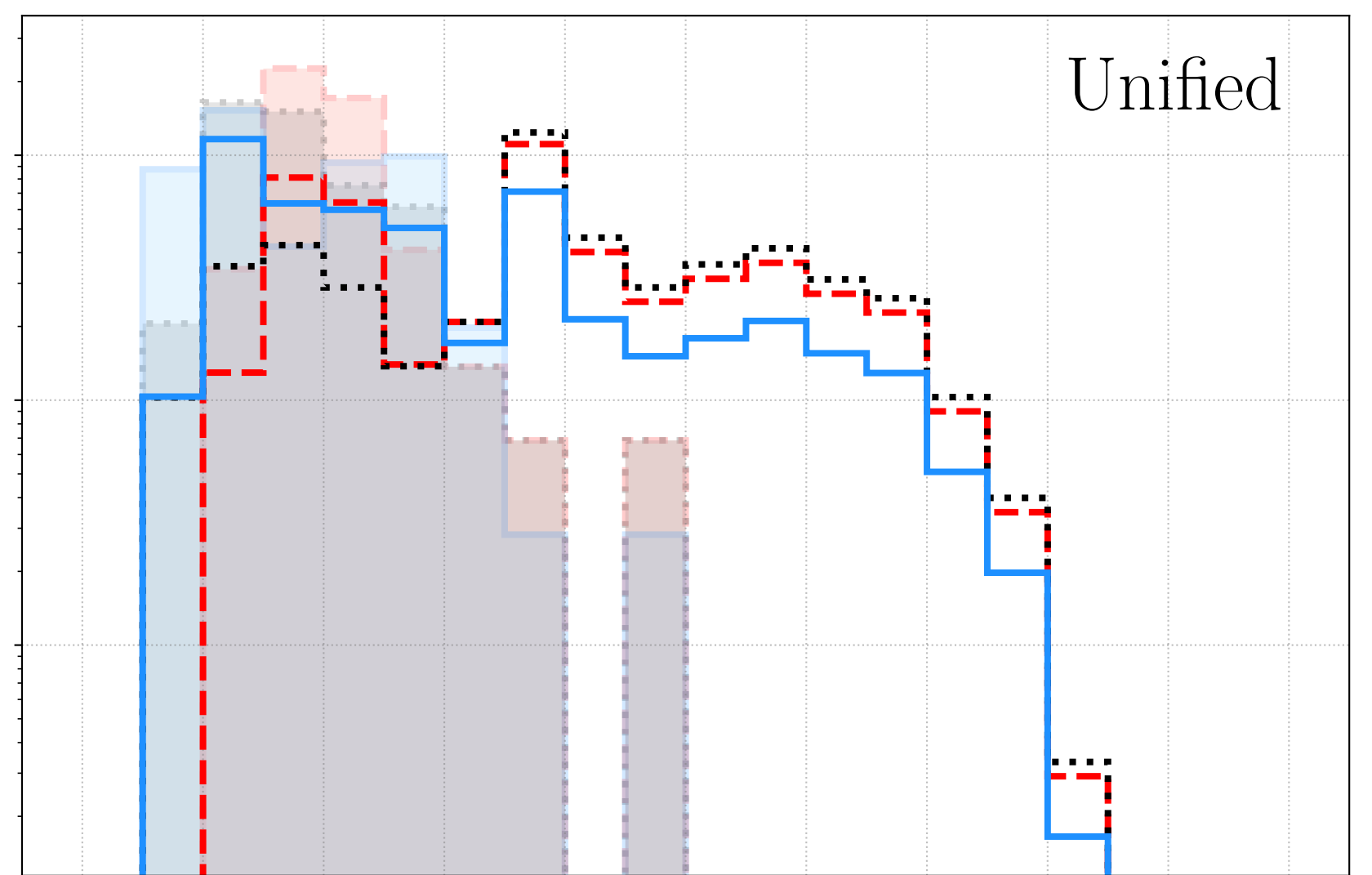
Hobbs



Unified



Unified

 $M_{2,\text{BH}} [M_\odot]$  $M_{2,\text{Bh}} [M_\odot]$ 