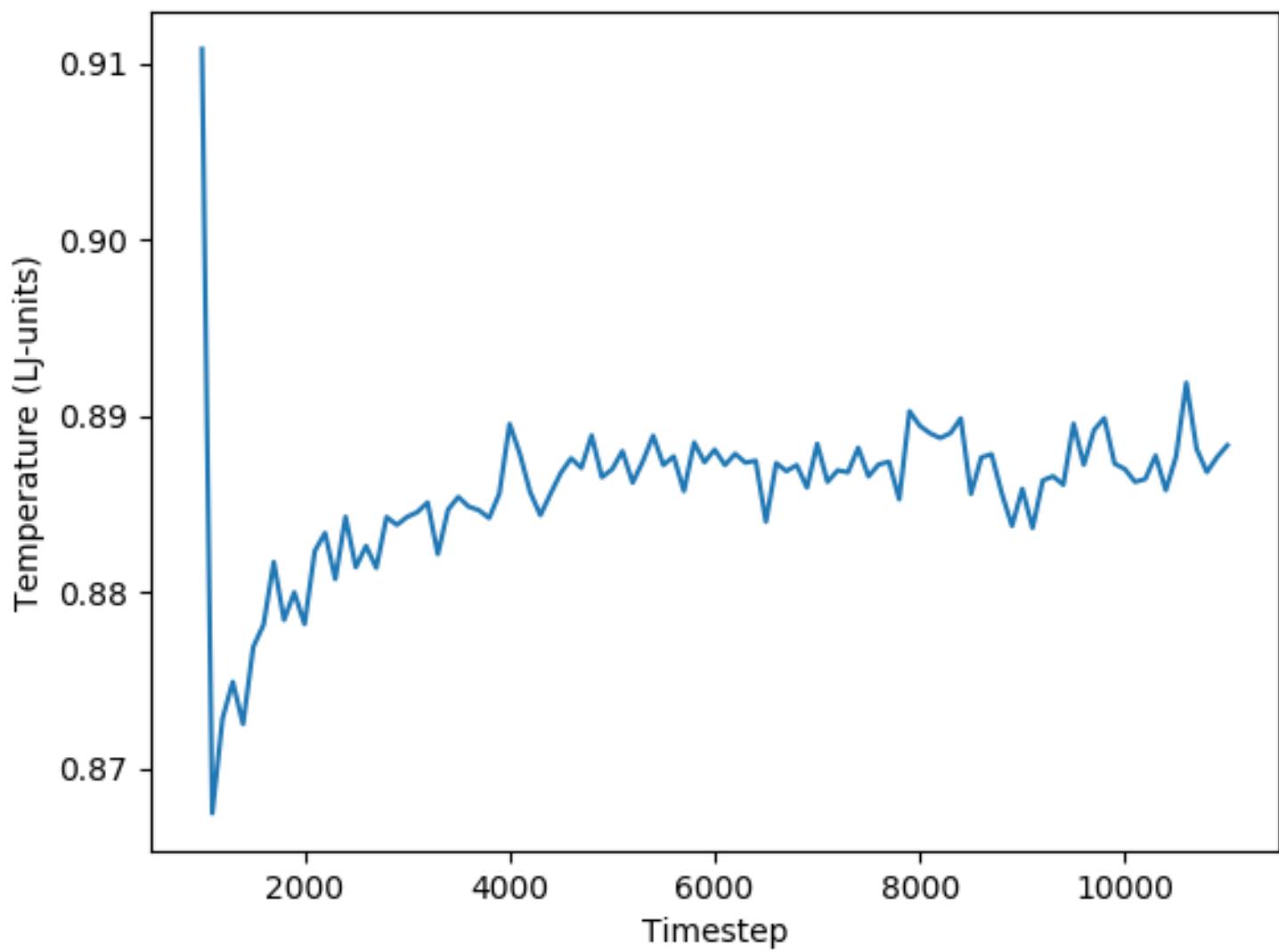
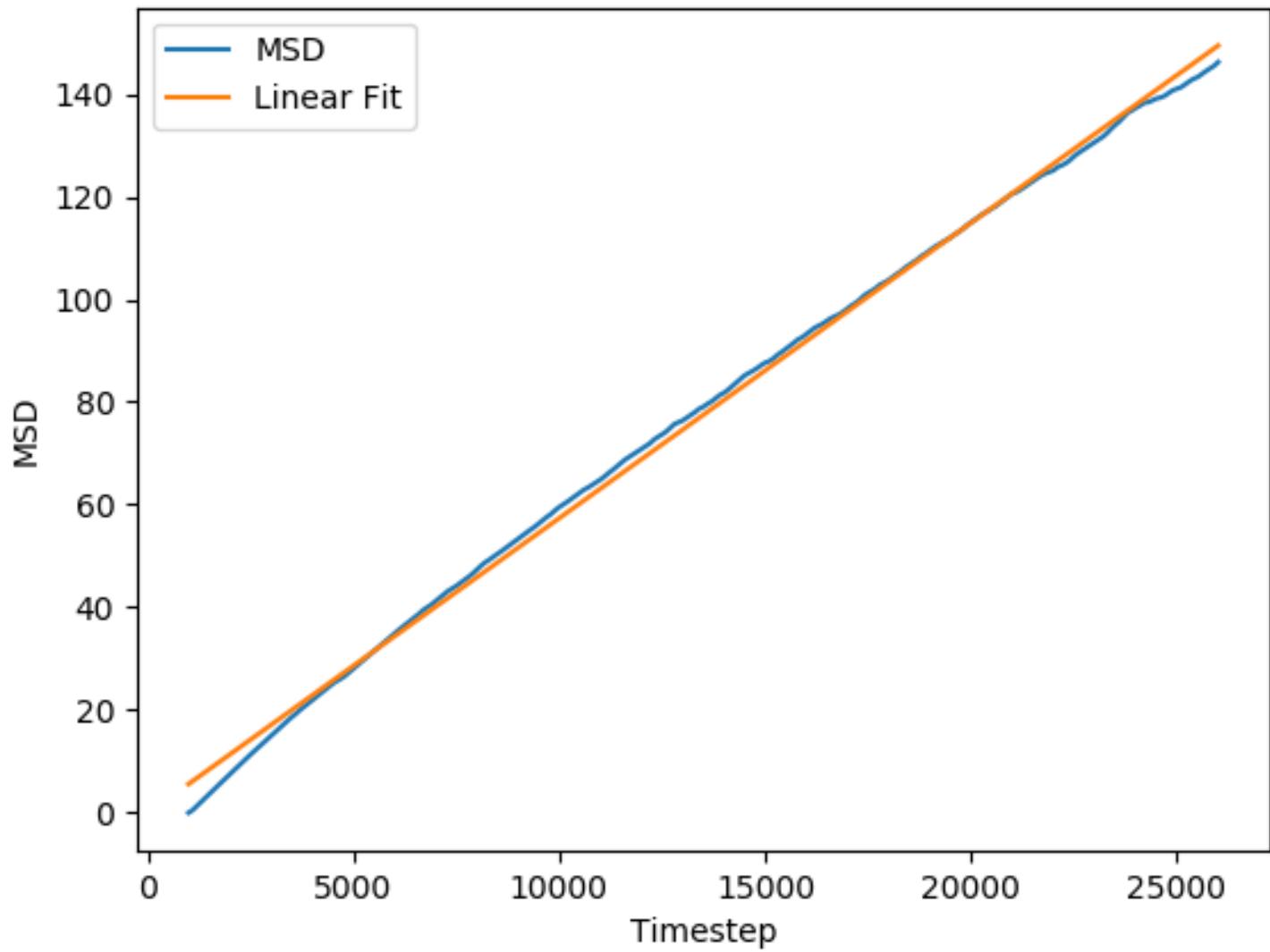
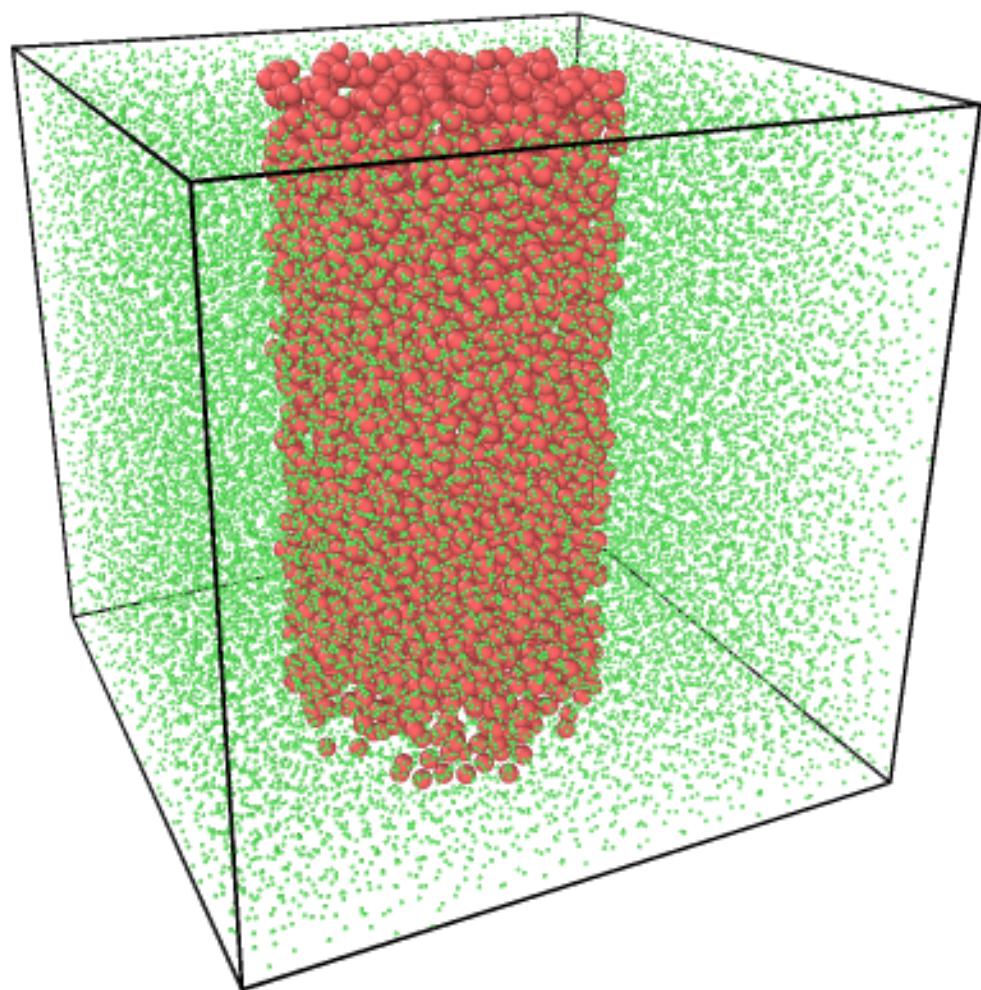


Temperature of nanoporous system

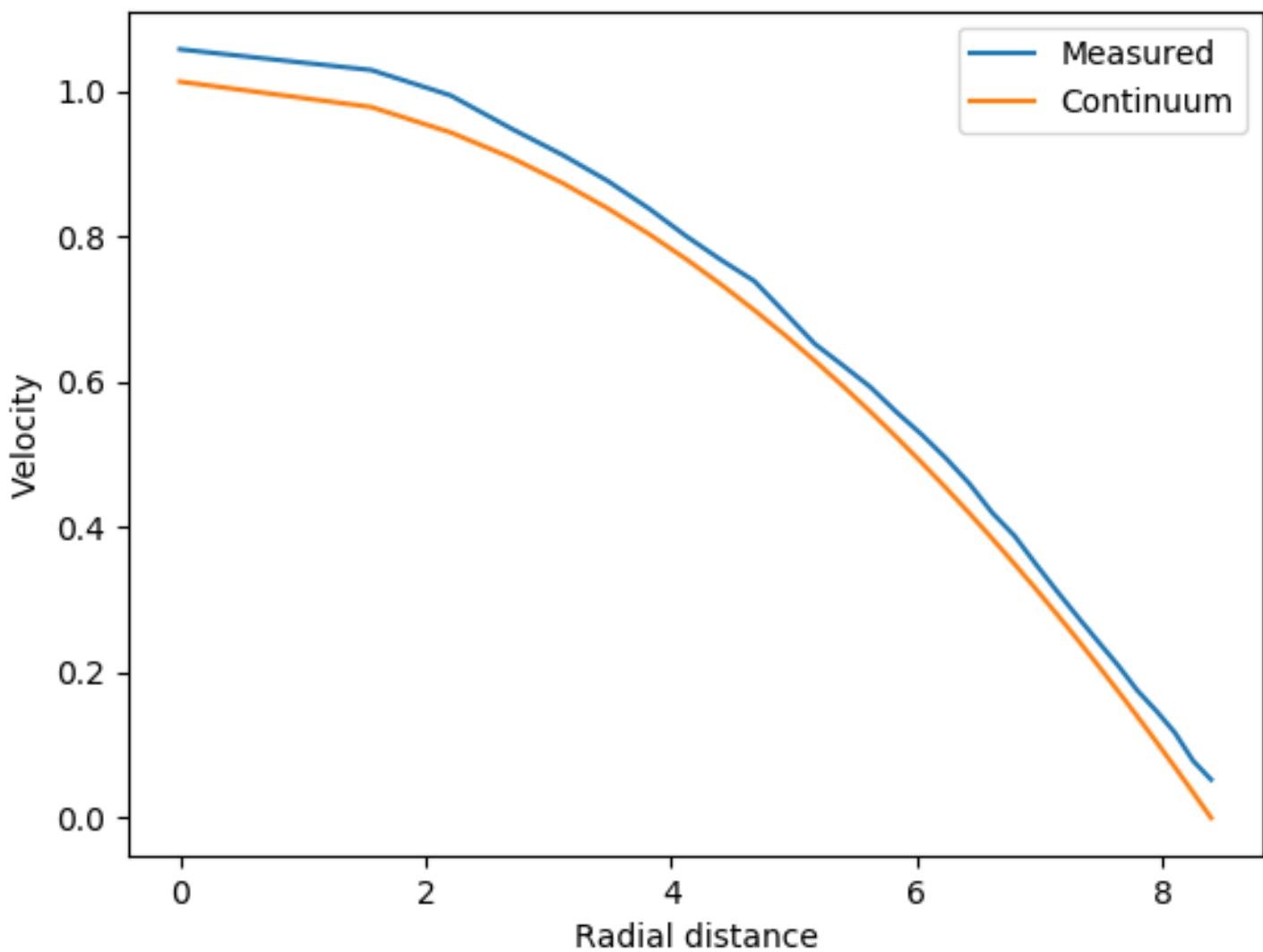


### Mean squared displacement

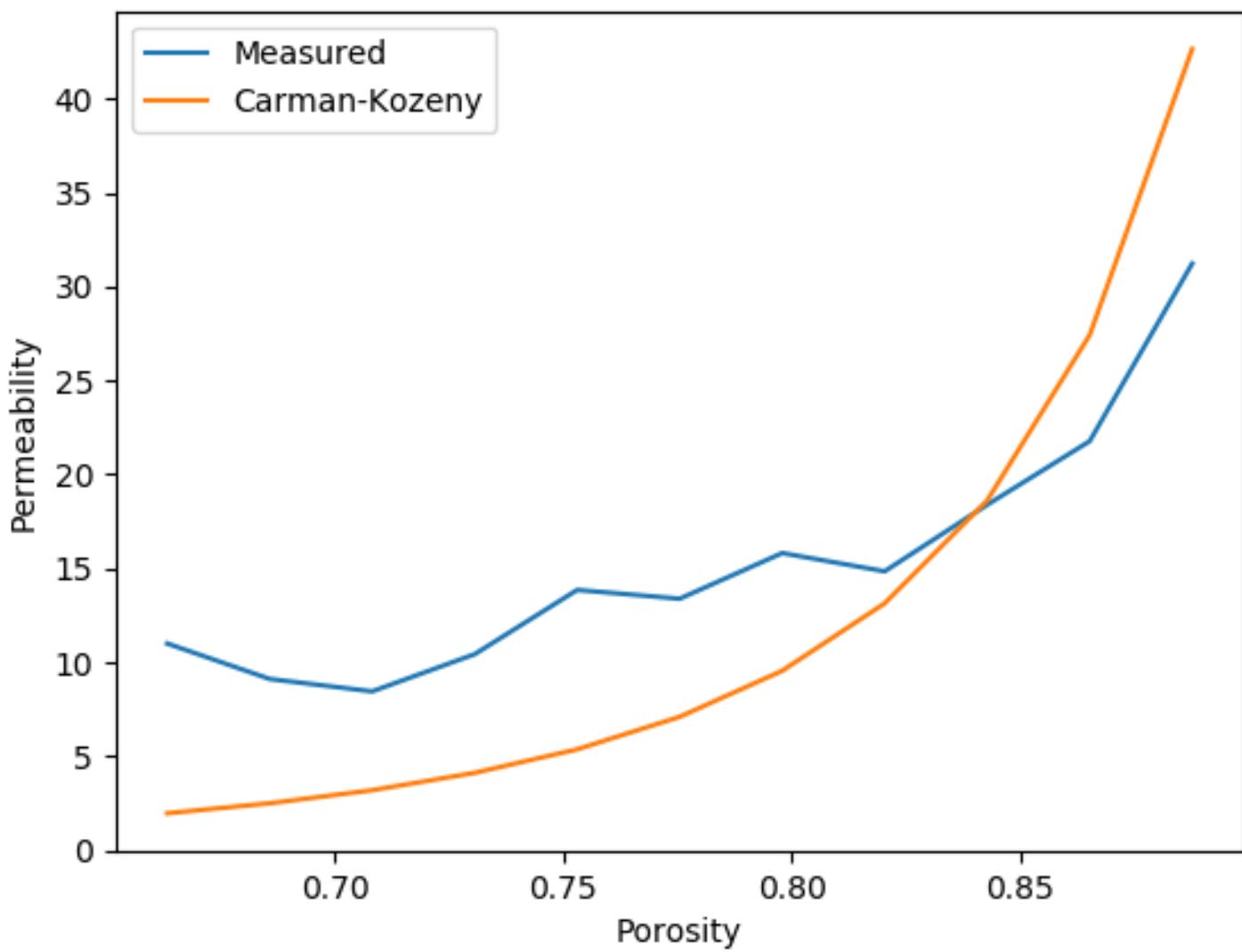




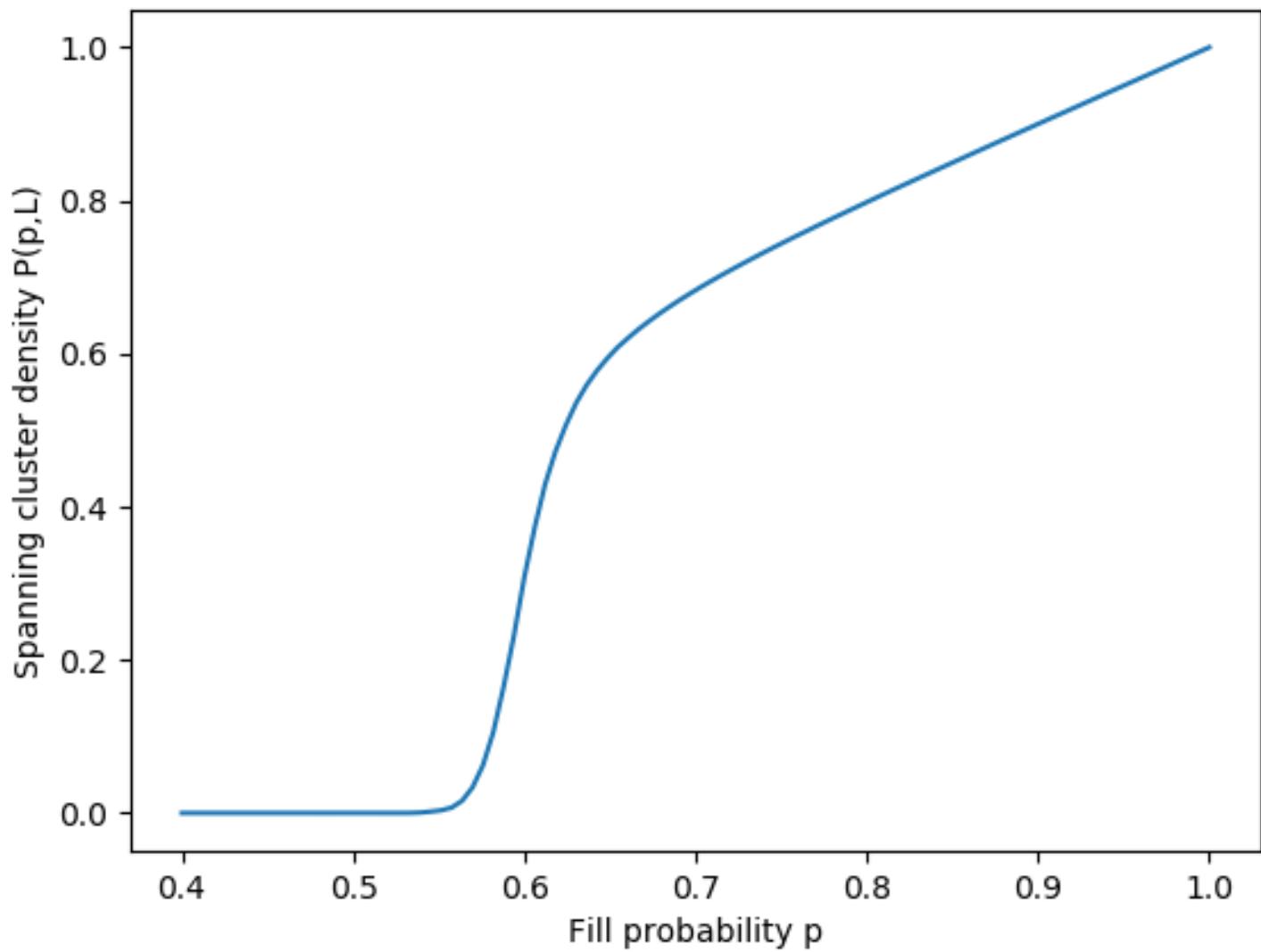
Flow profile in a cylinder



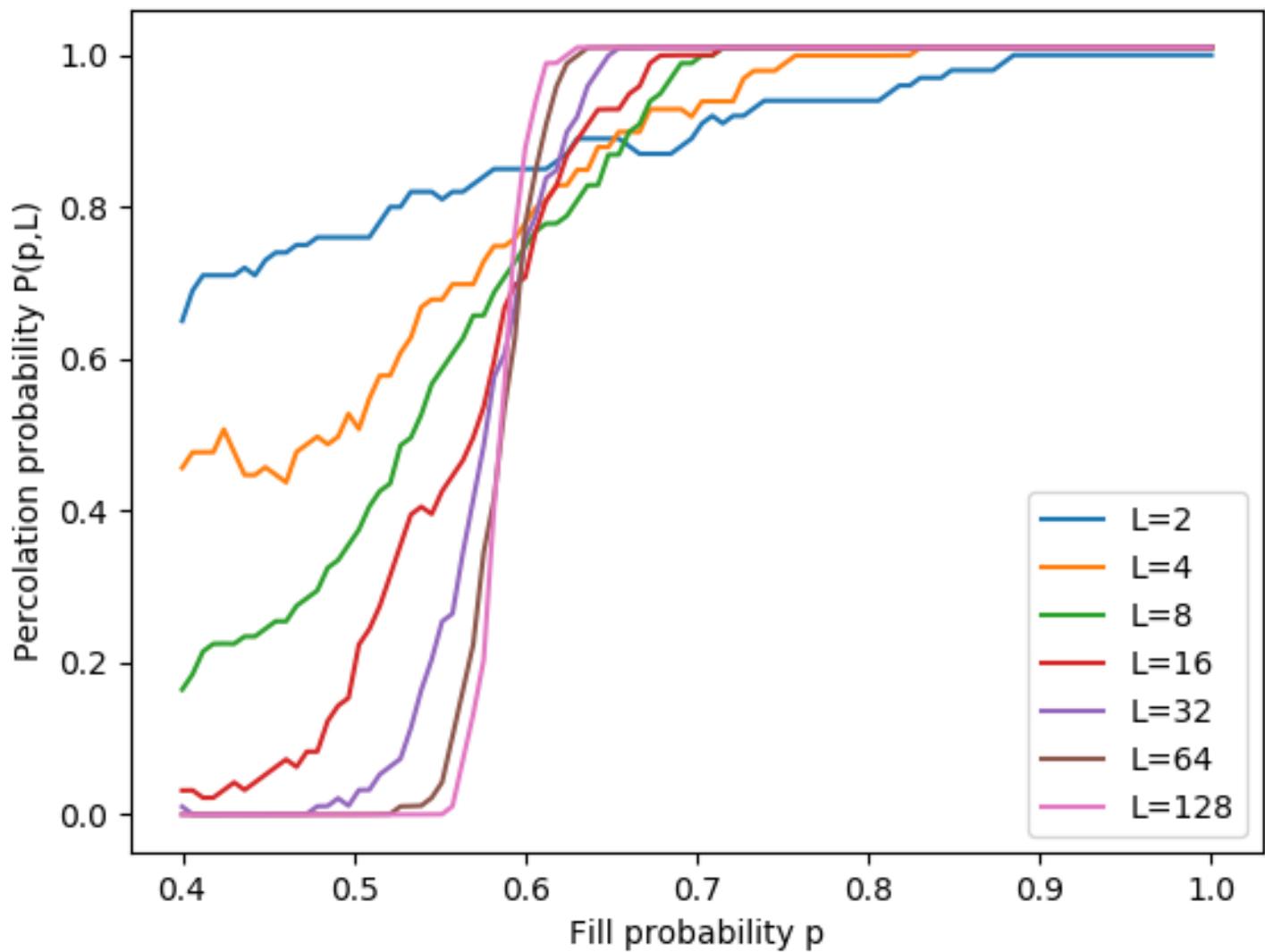
### Permeability as a function of porosity



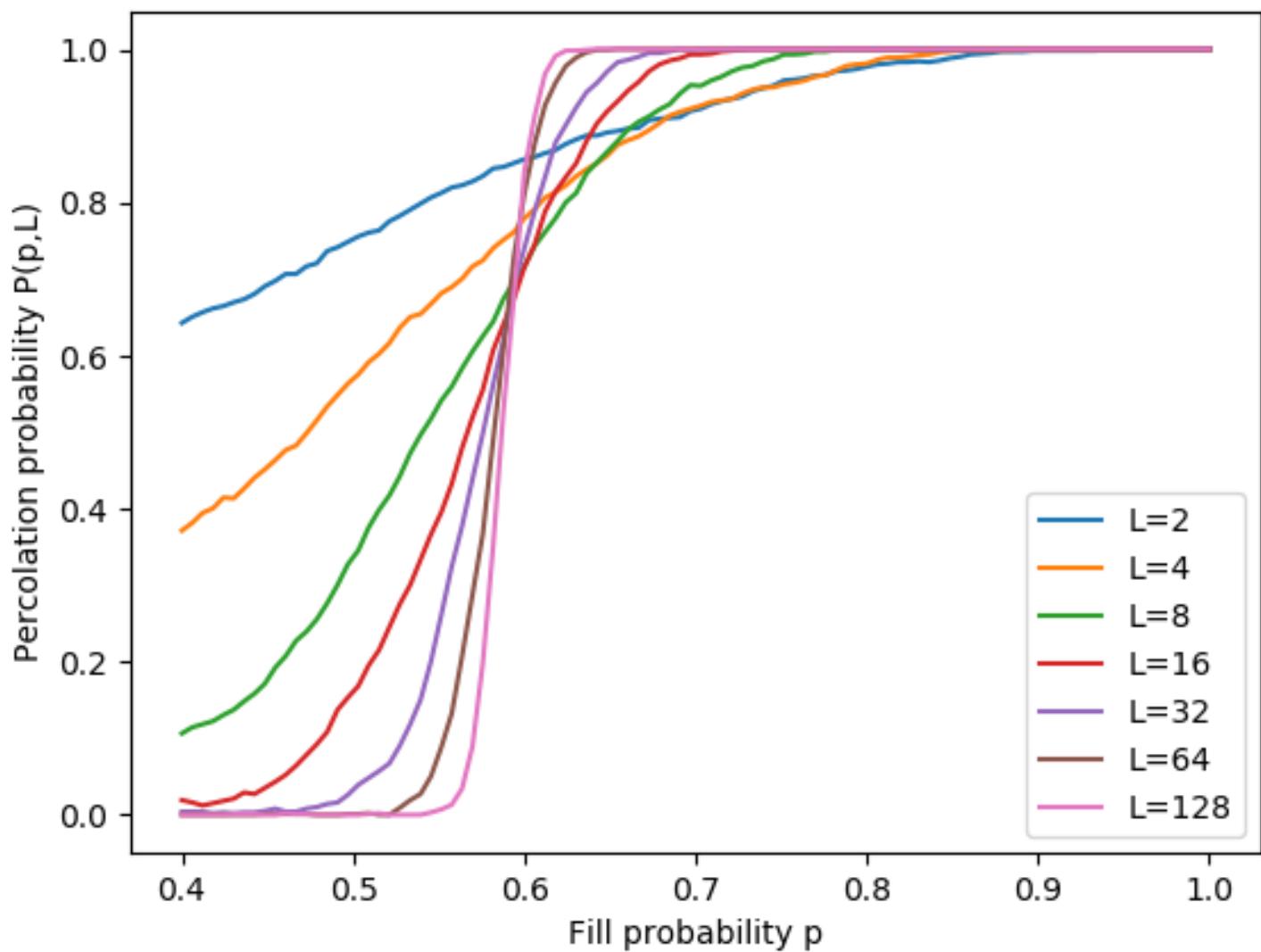
Spanning cluster density for  $L=100$



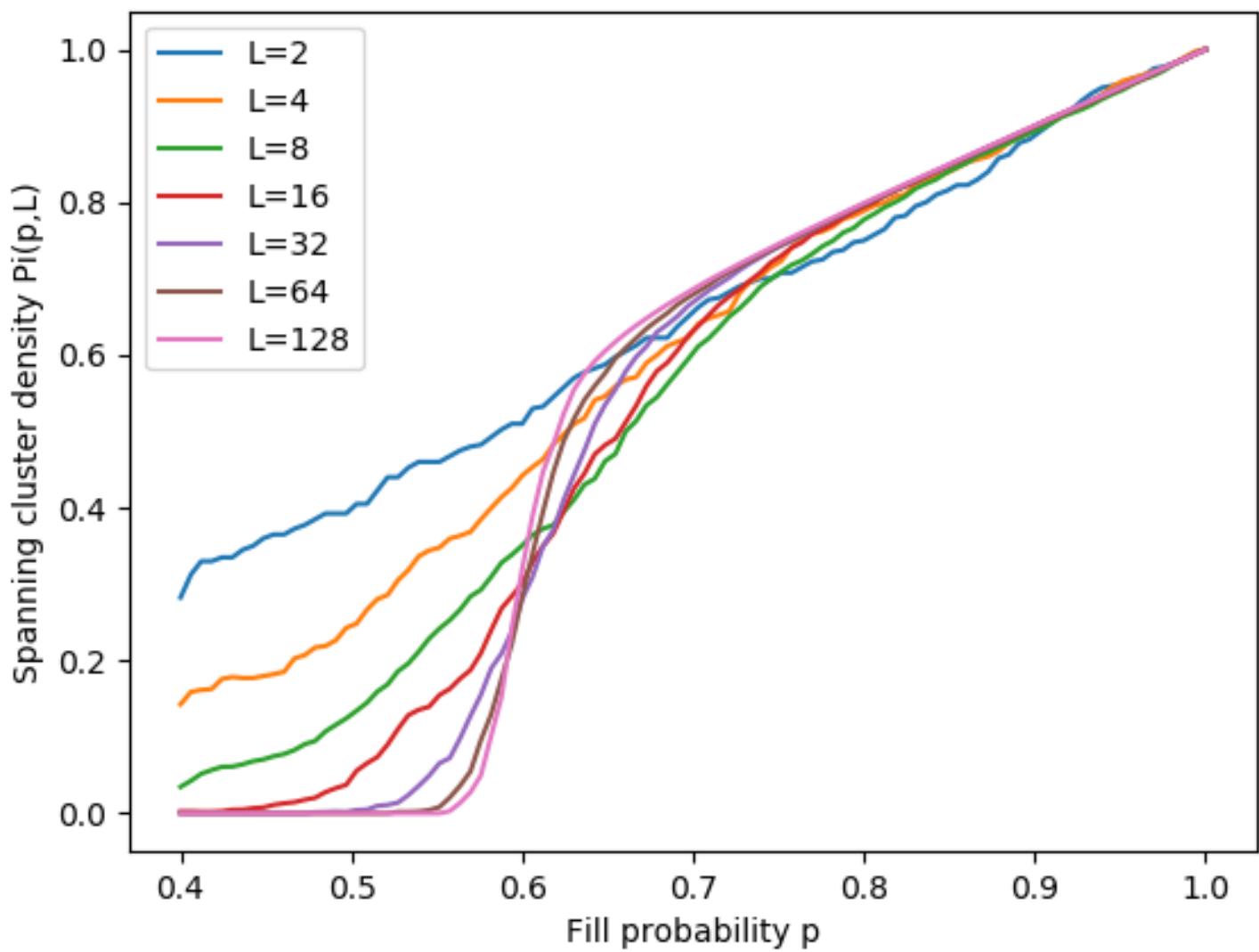
## Percolation probability with N=100 samples



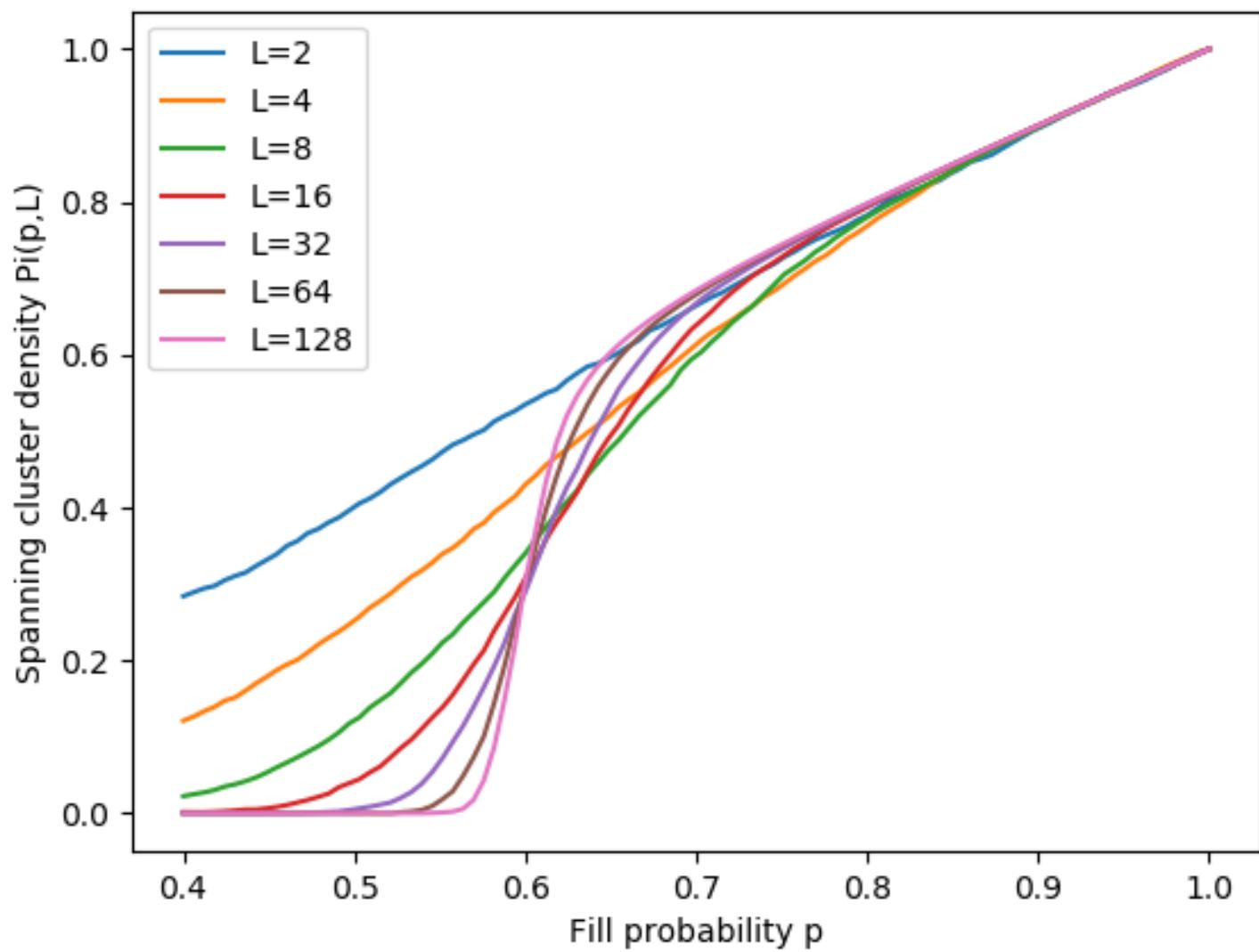
## Percolation probability with N=1000 samples



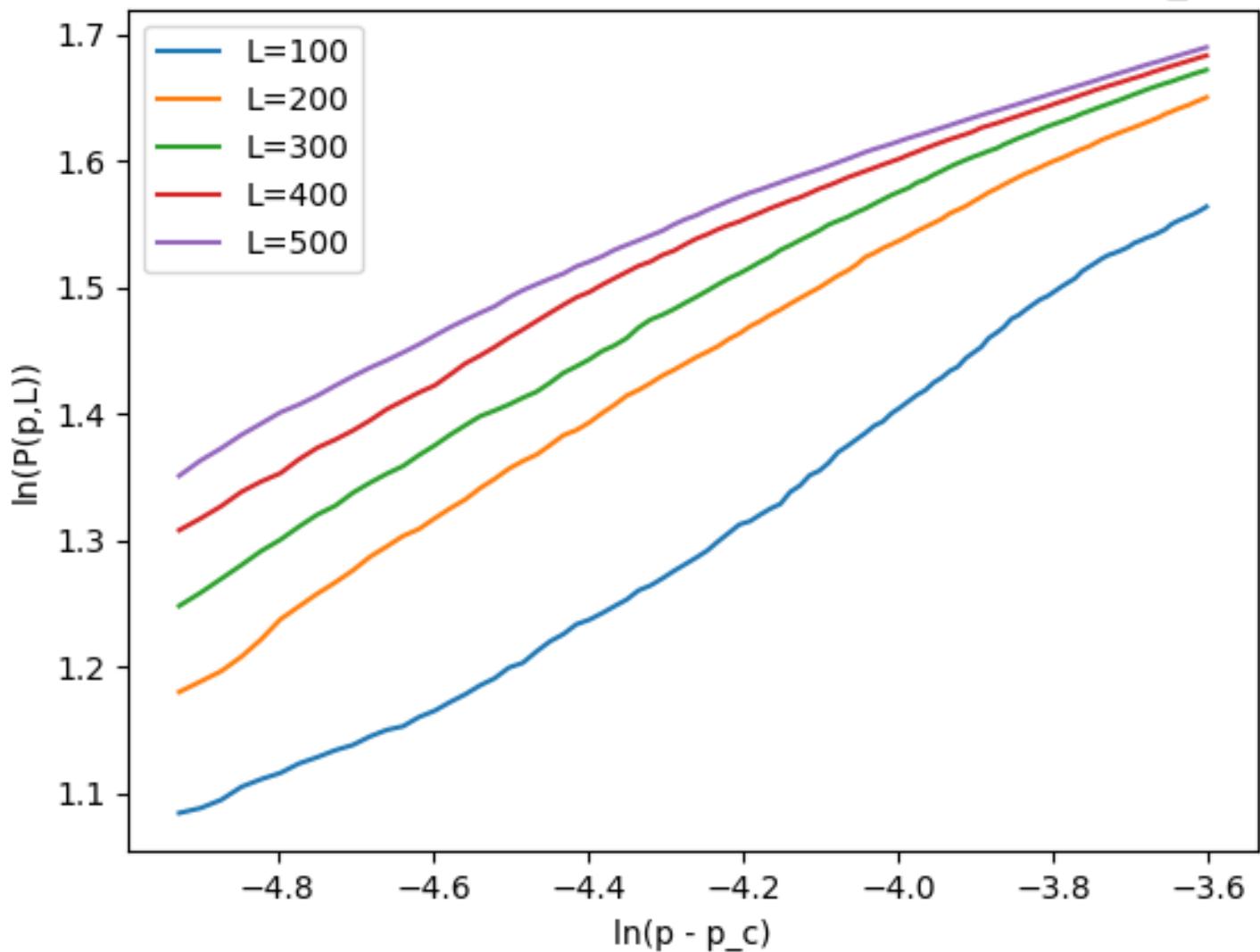
### Spanning cluster density with N=100 samples



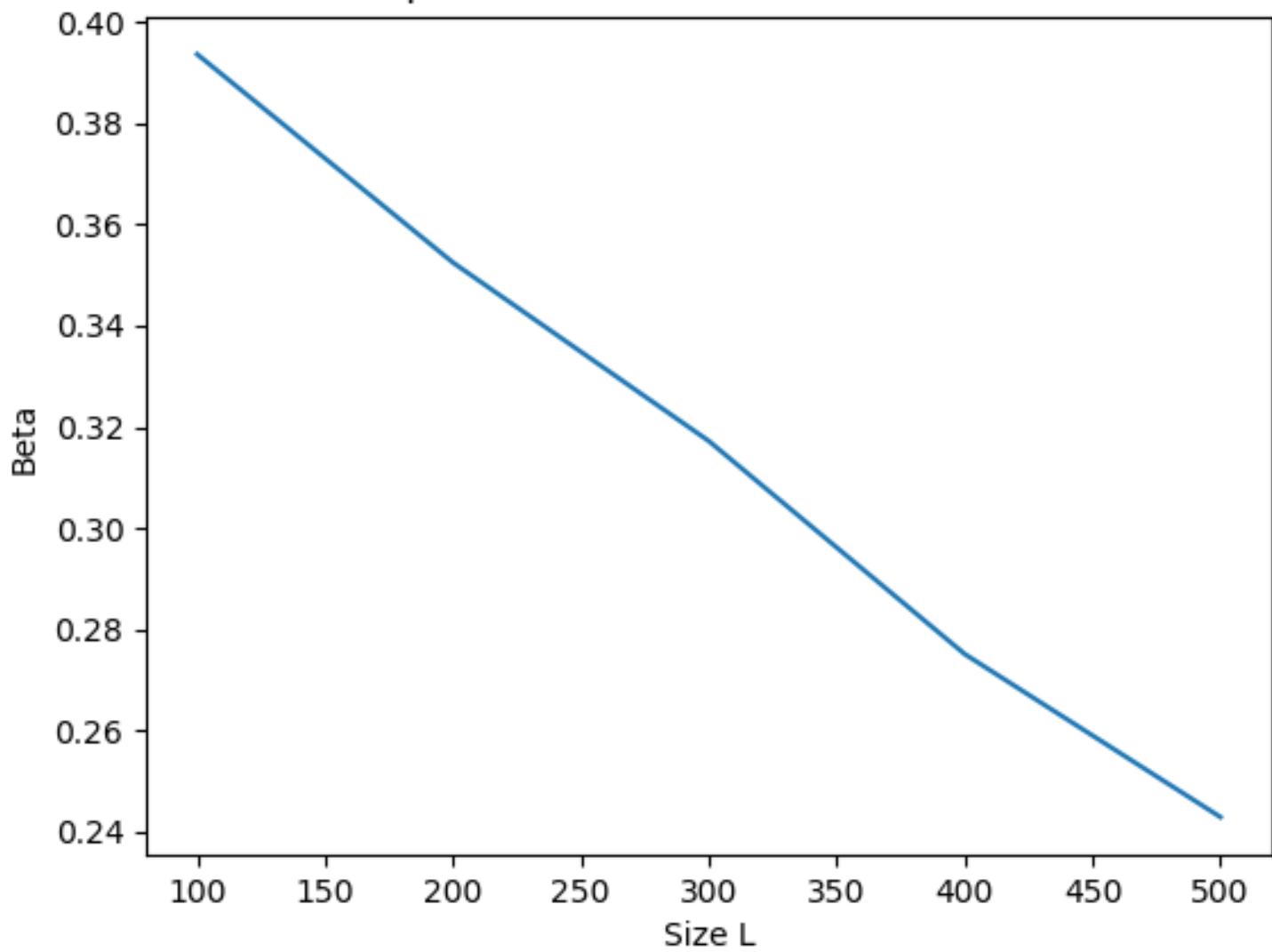
### Spanning cluster density with N=1000 samples



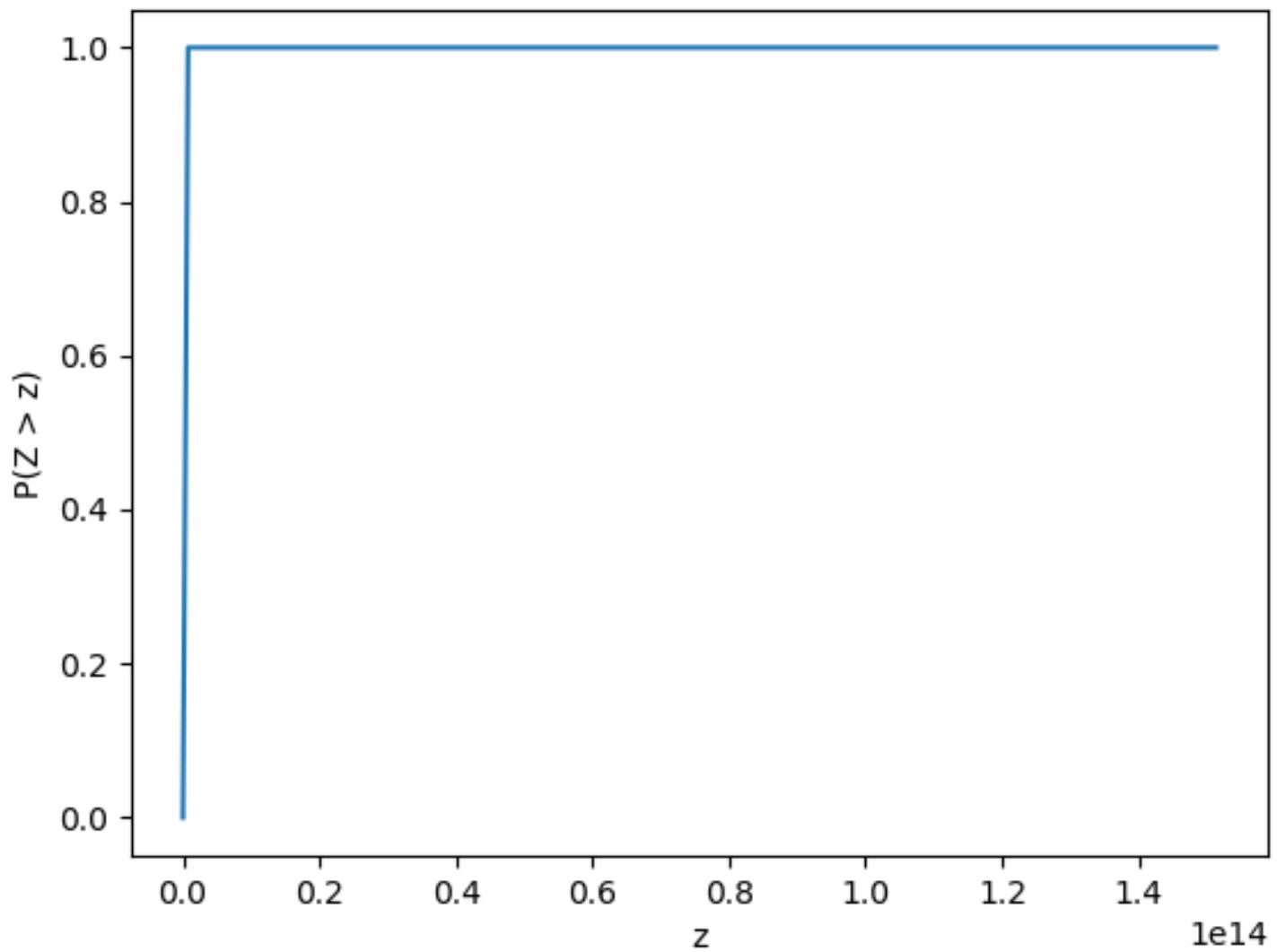
log of spanning density cluster as a function of  $(p - p_c)$



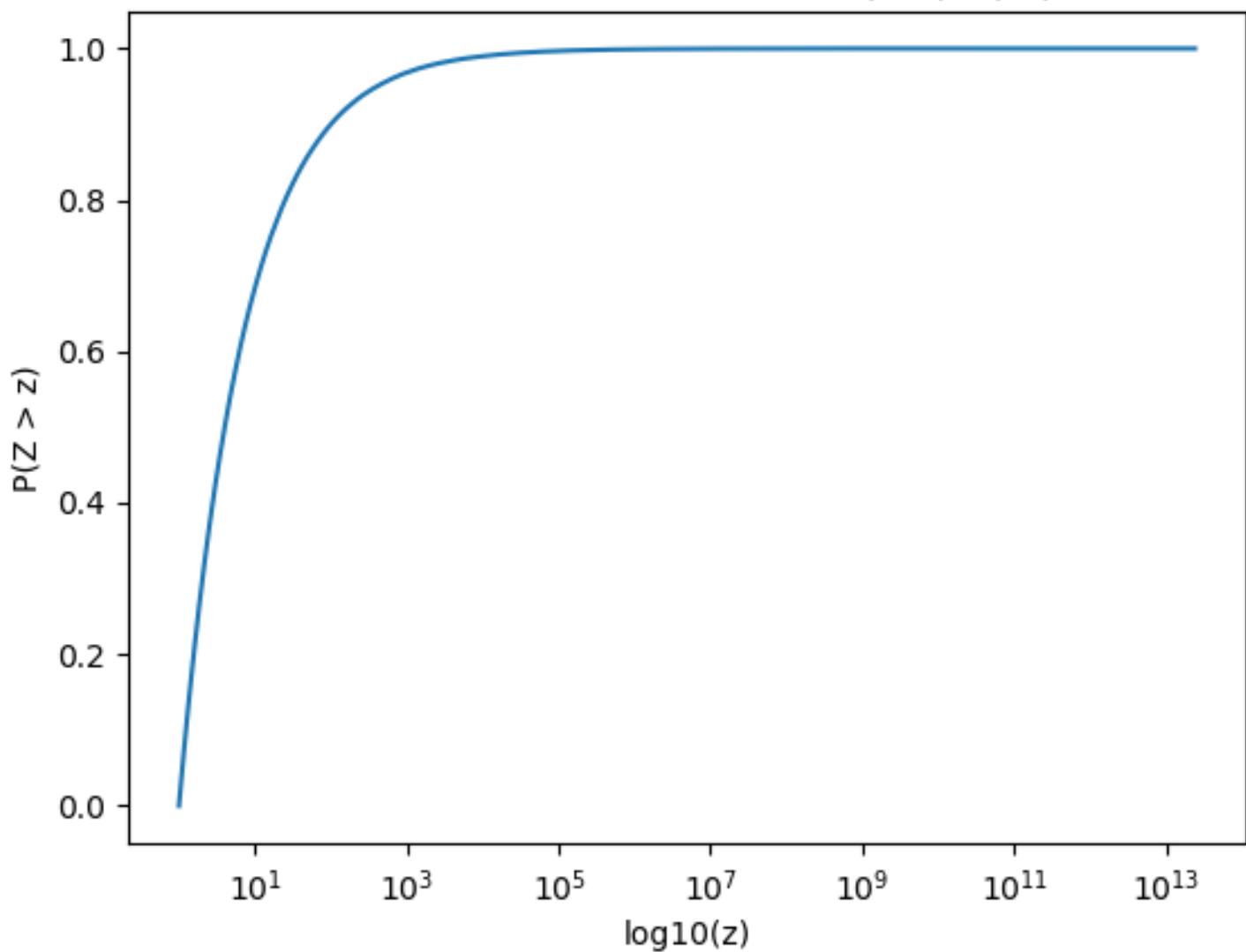
Exponent beta as a function of size L



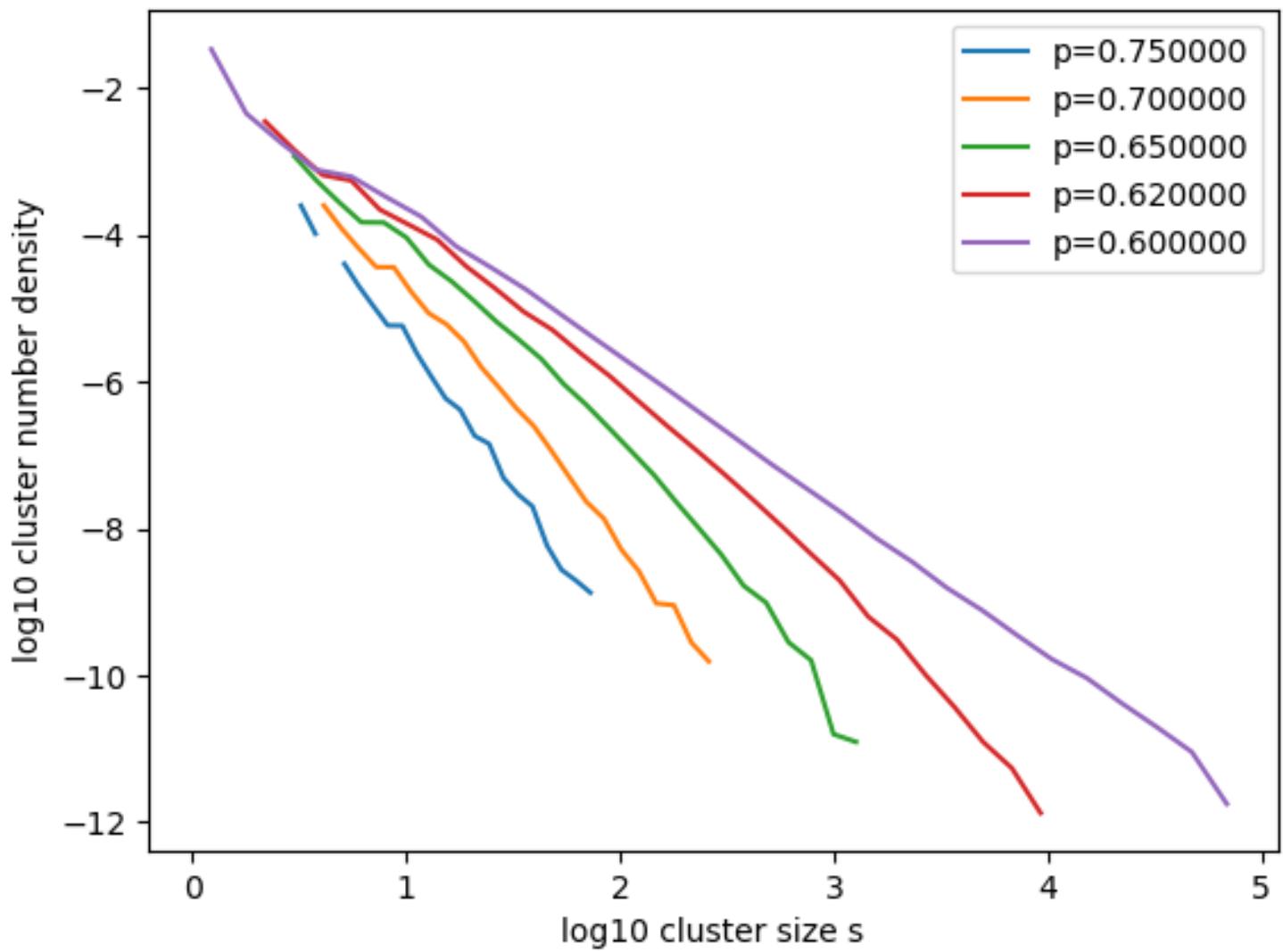
Cumulative distribution for  $U(0,1)^{**(-2)}$



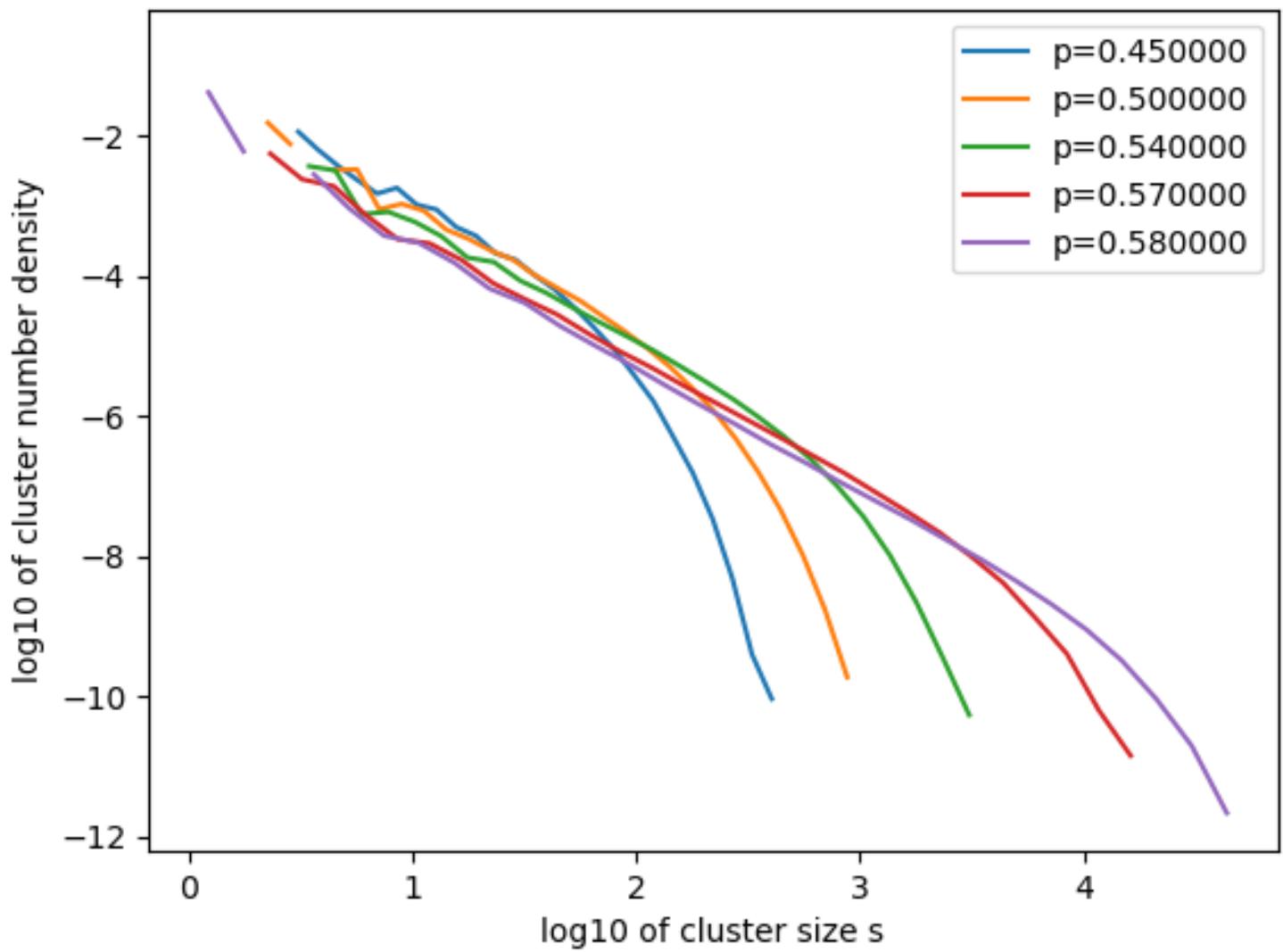
Cumulative distribution for  $U(0,1)^{**(-2)}$



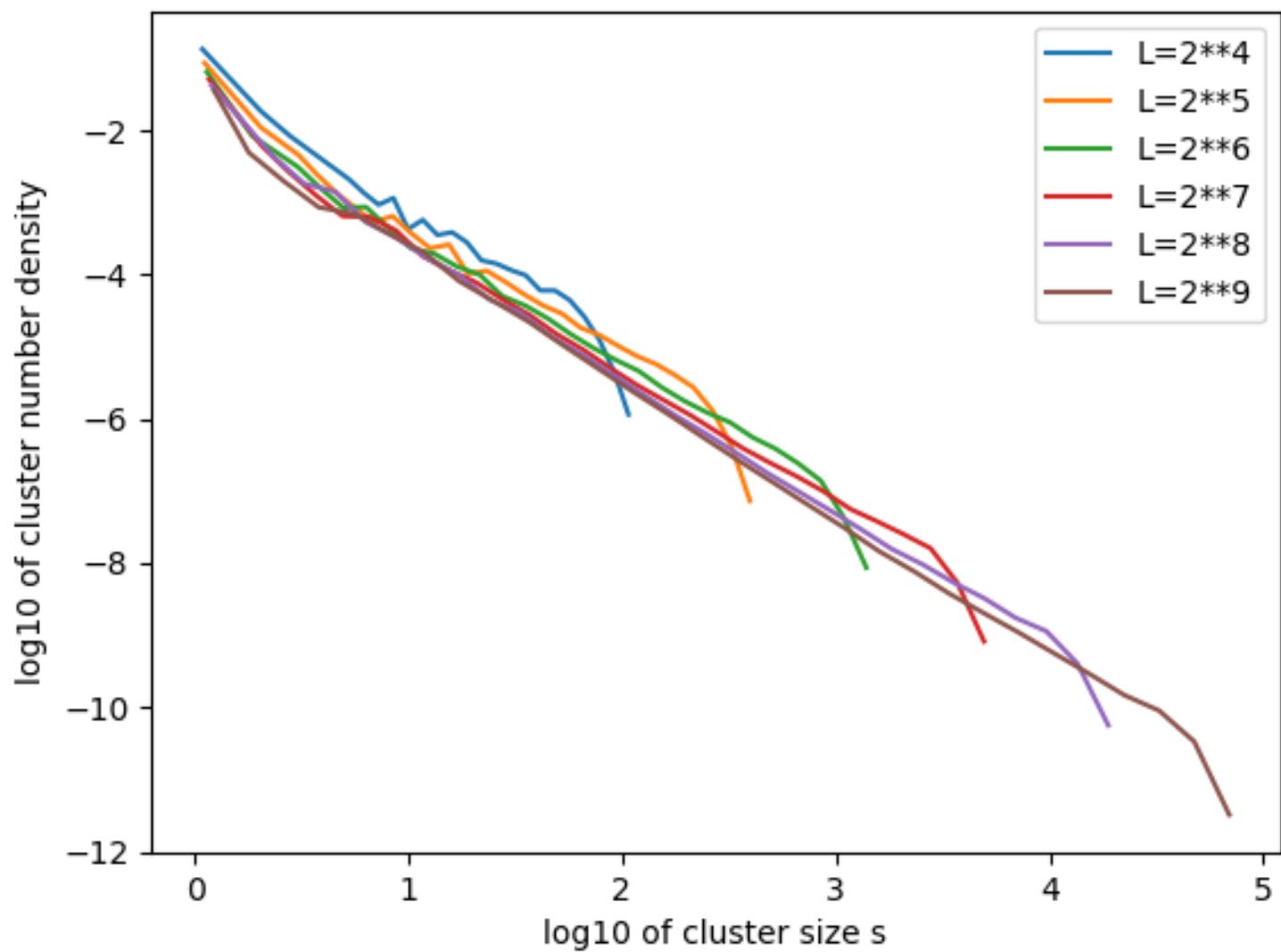
Cluster number density as a function of size  $s$  and fill probability  $p$



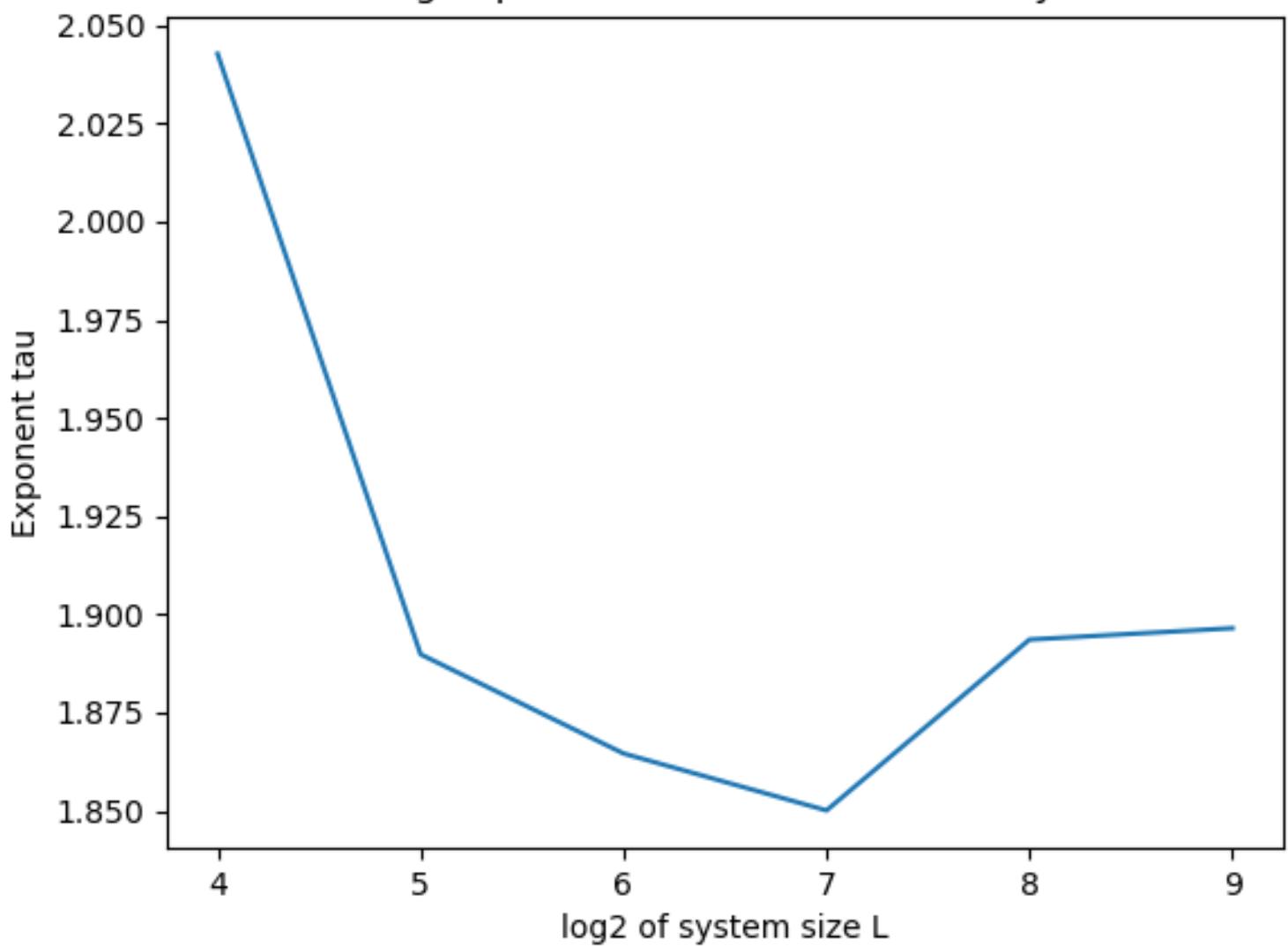
Cluster number density as a function of size  $s$  and fill probability  $p$



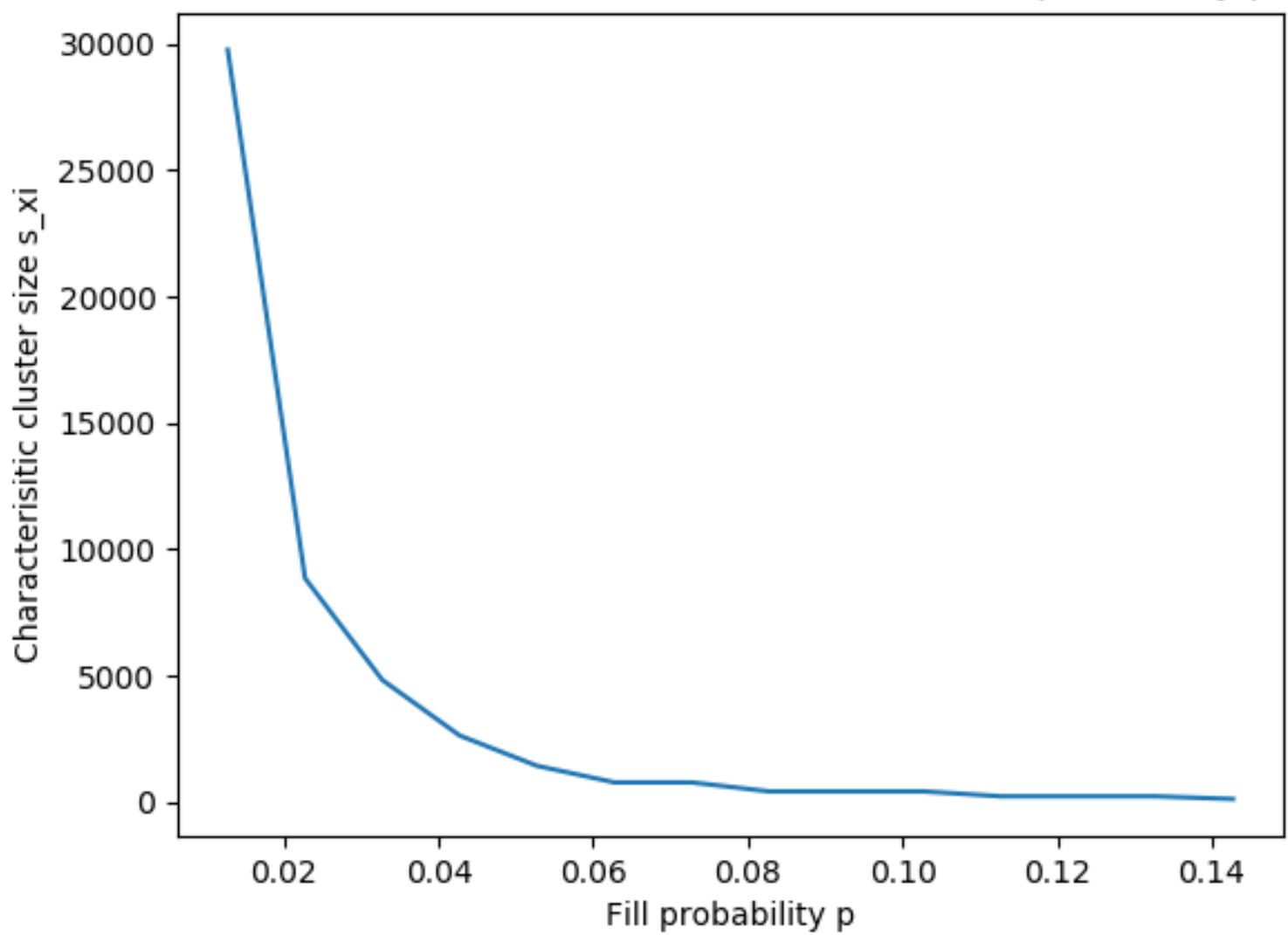
Cluster number density as a function of system size



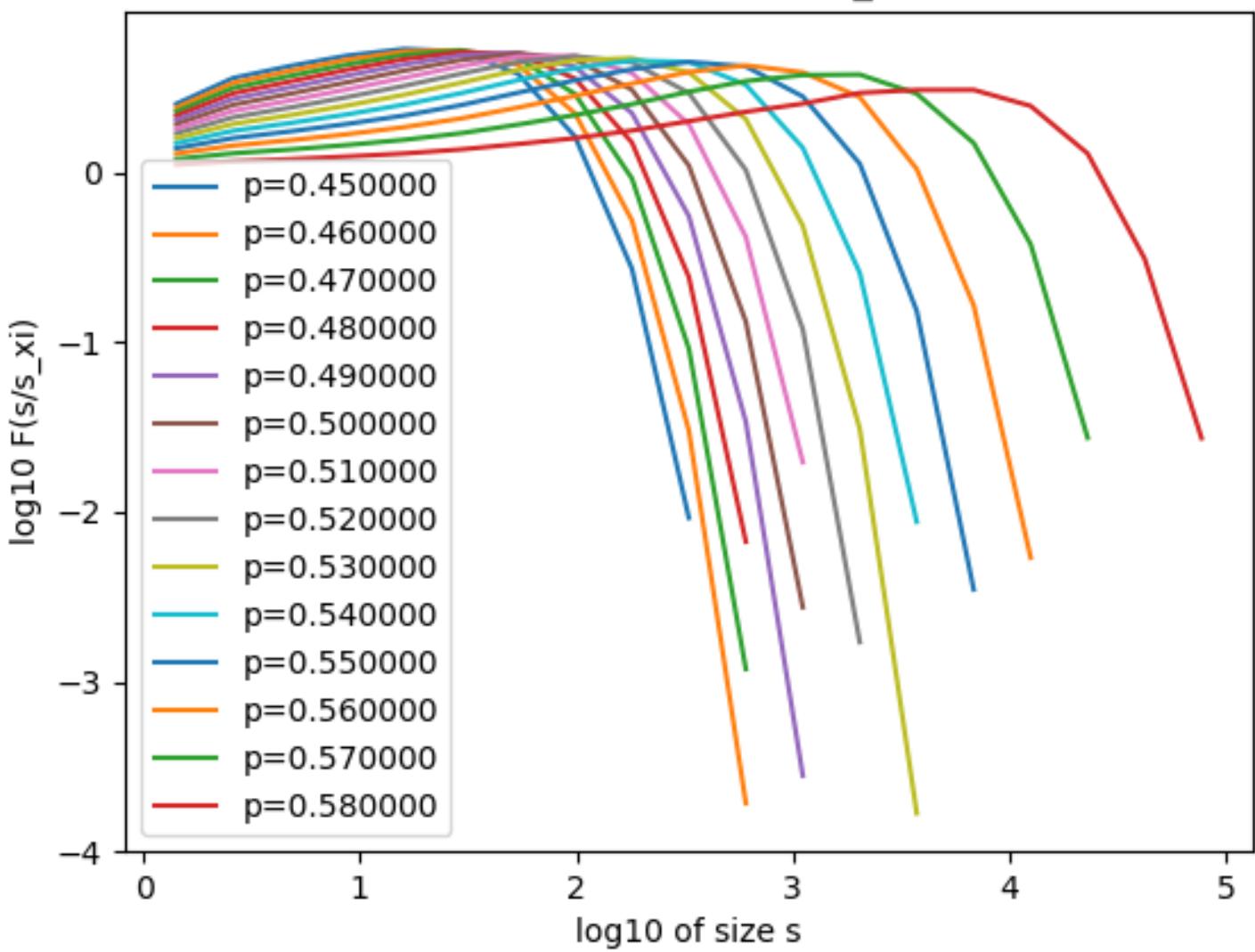
Size scaling exponent tau as a function of system size



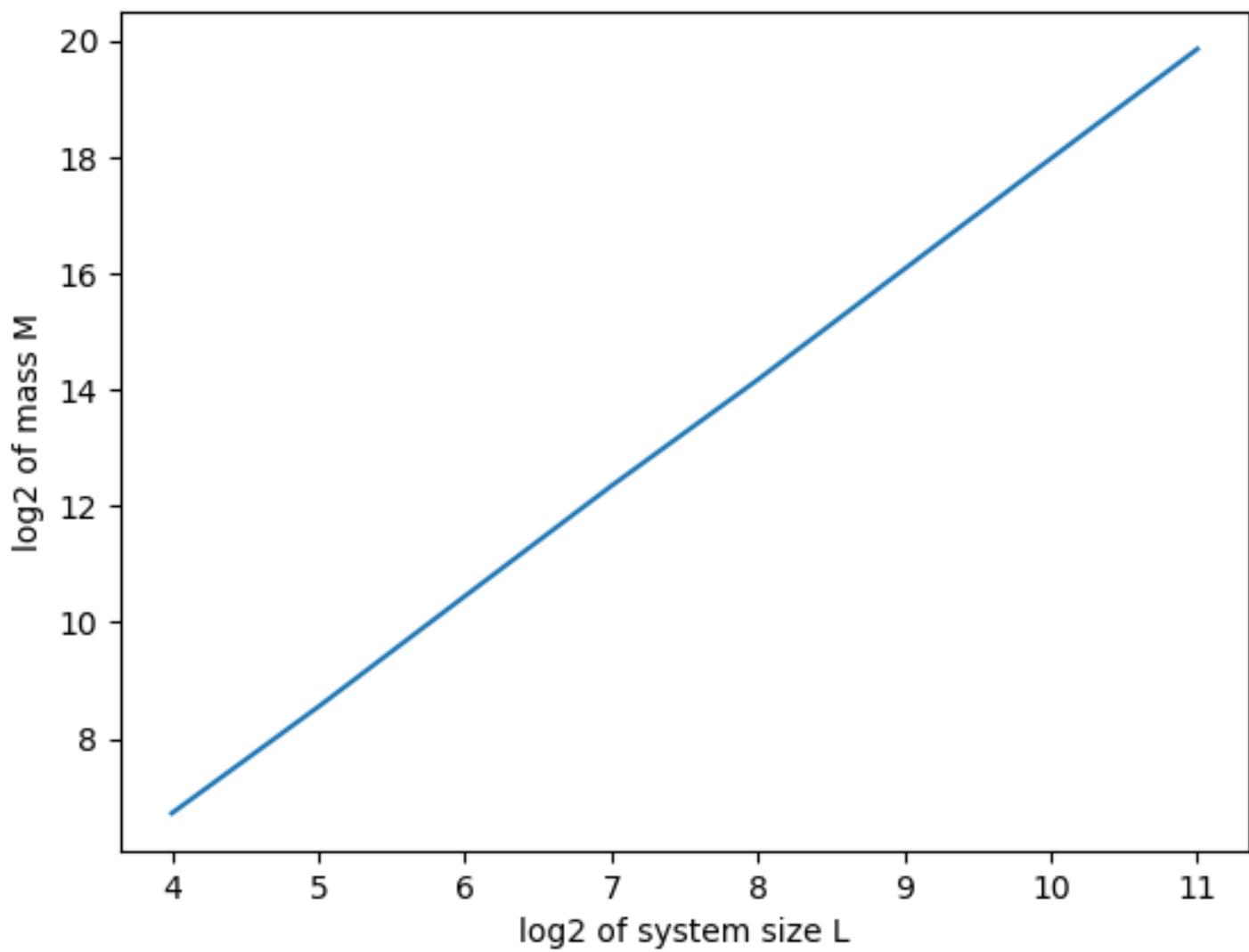
Characteristic cluster size as a function of fill probability  $p$



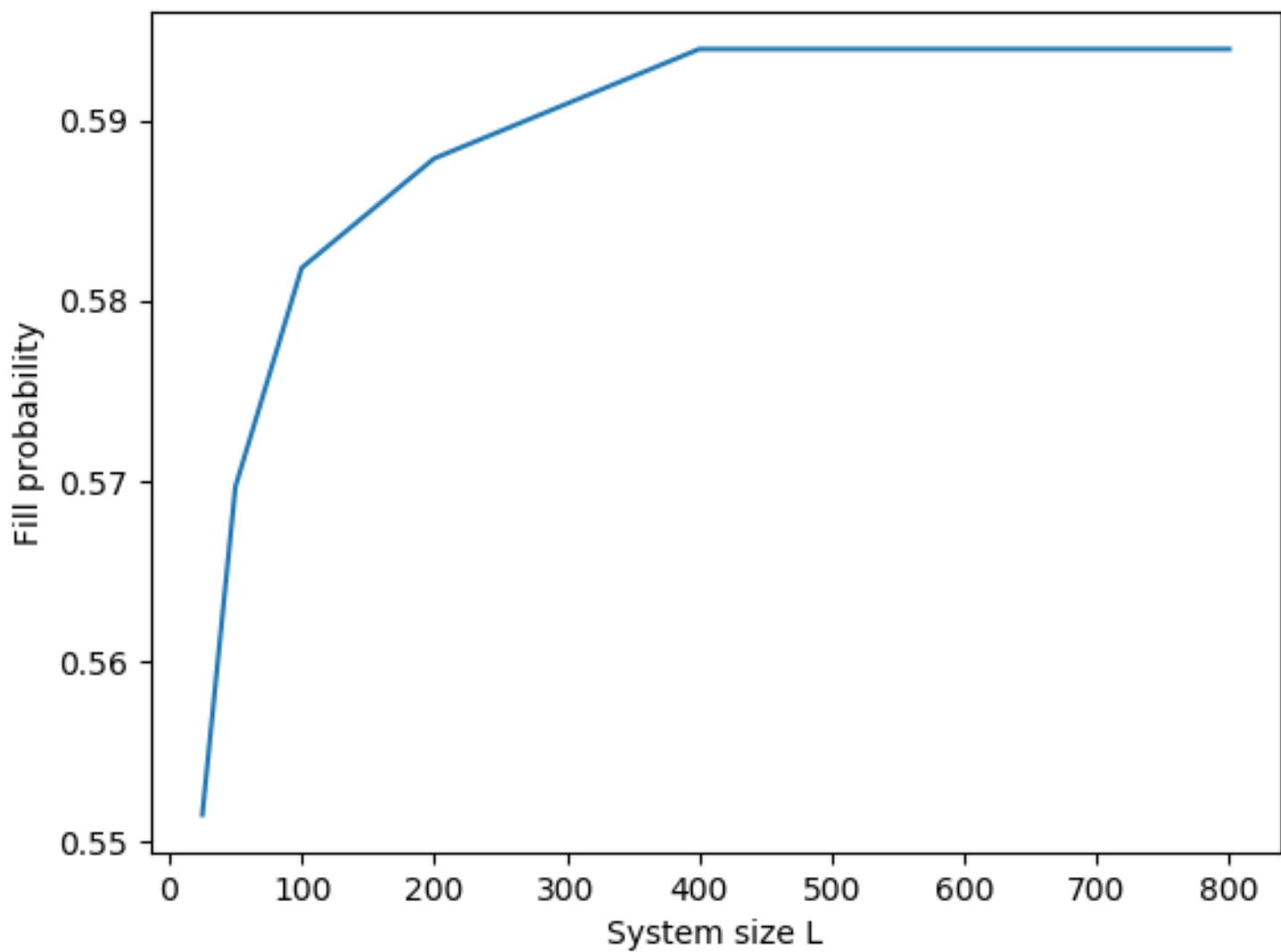
Universal curve  $F(s/s_{\chi i})$



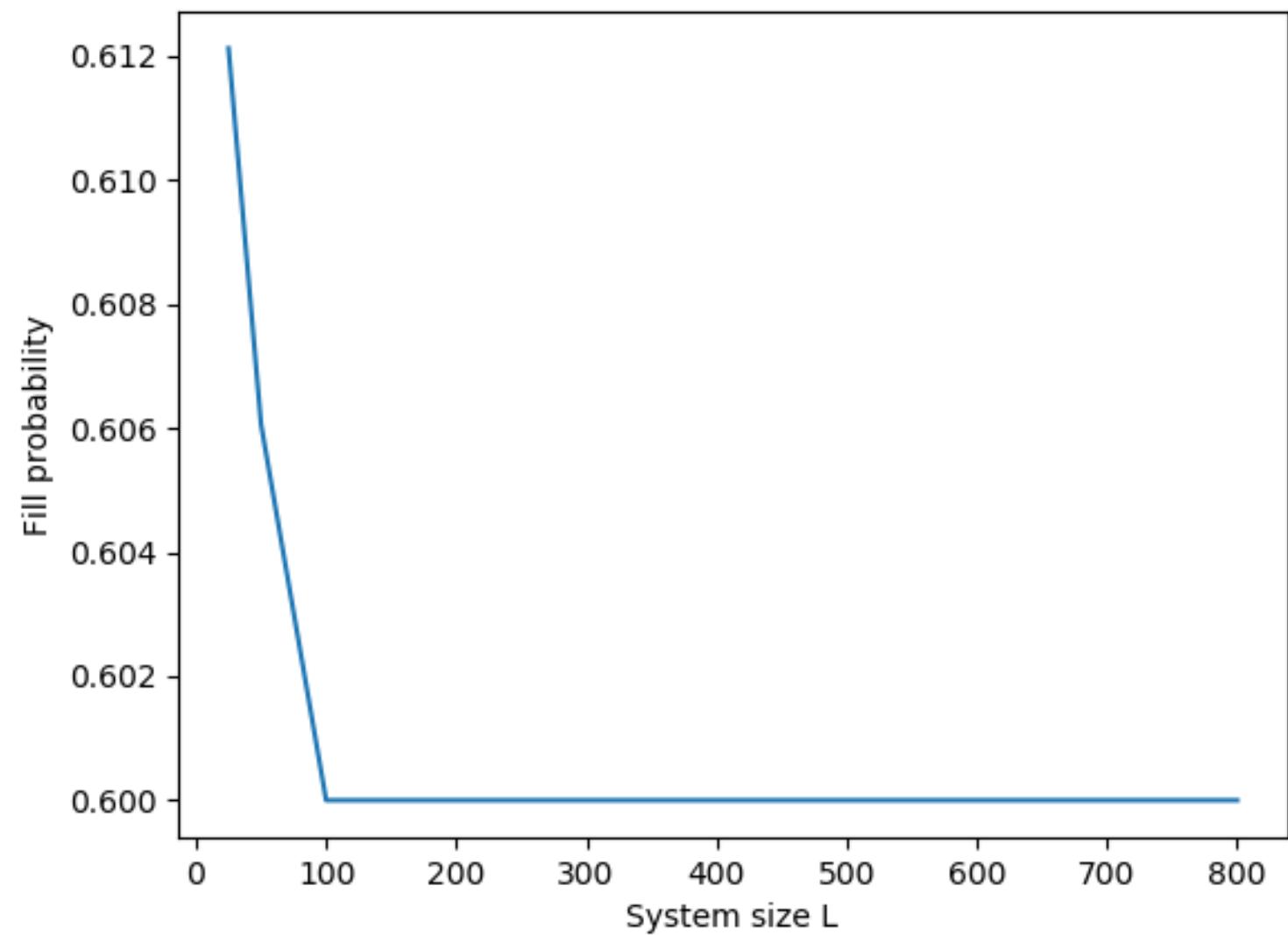
Mass of the percolation cluster



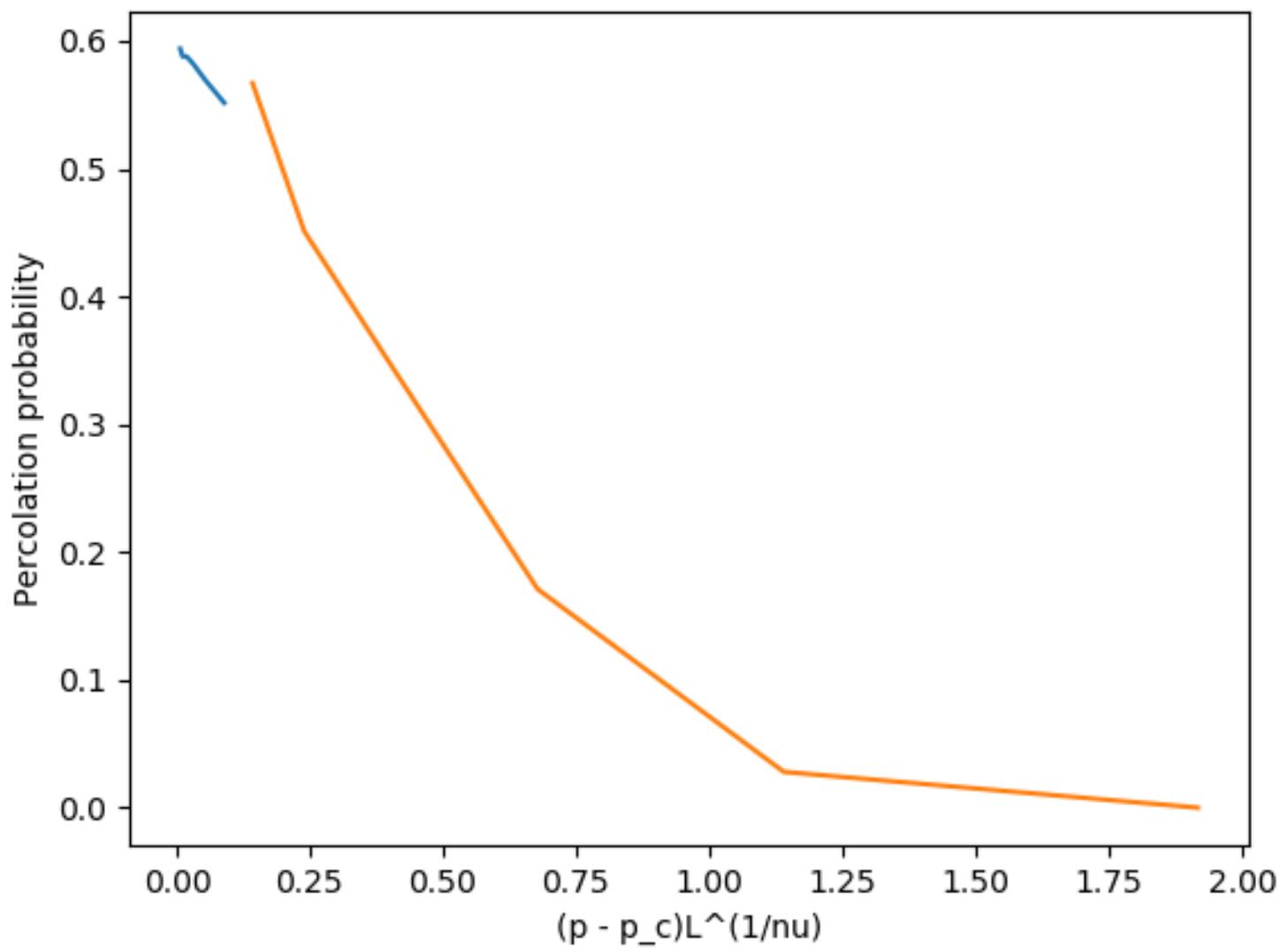
Fill probability for  $\Pi(p,L)=0.3$



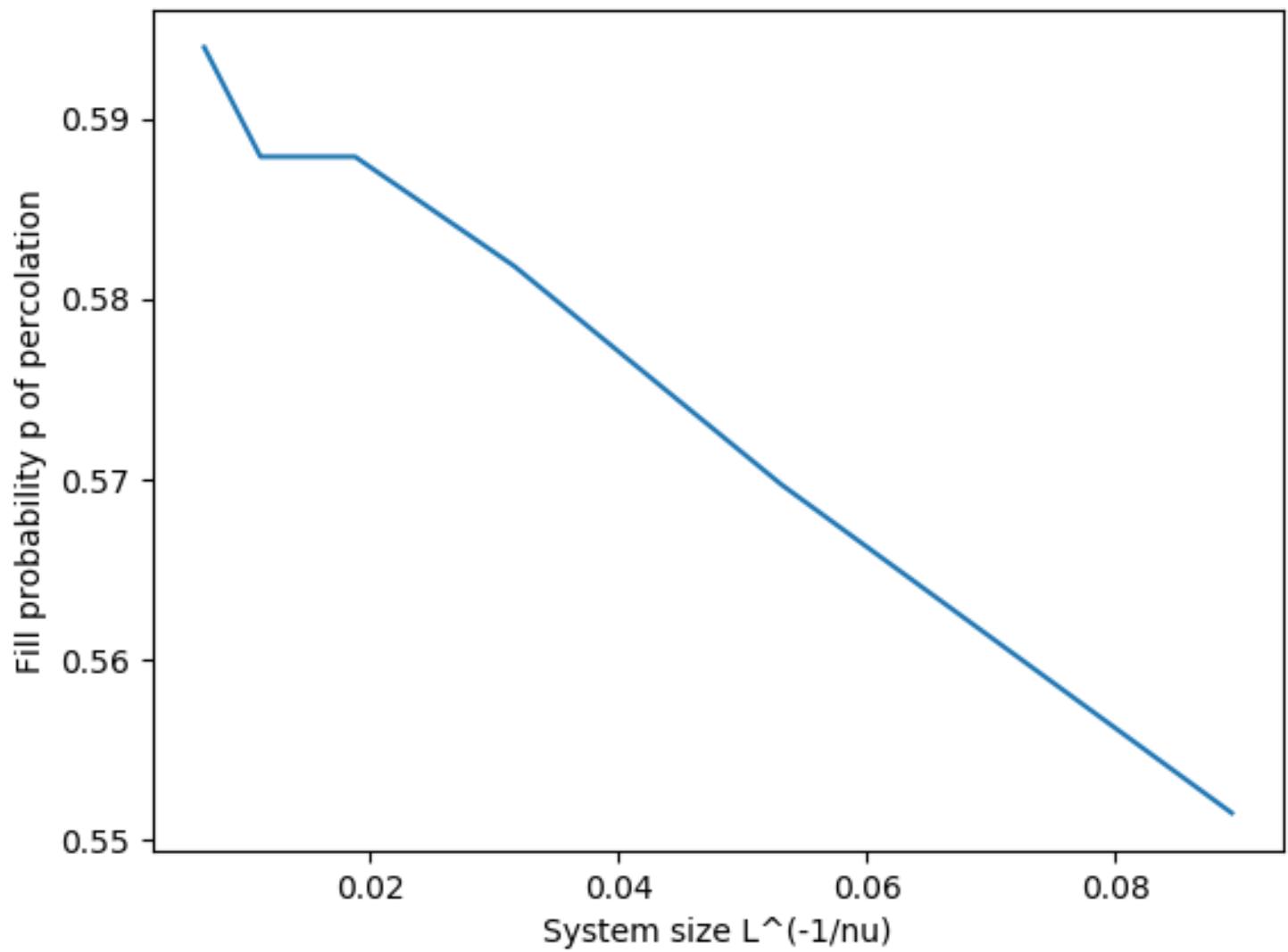
Fill probability for  $\Pi(p,L)=0.8$



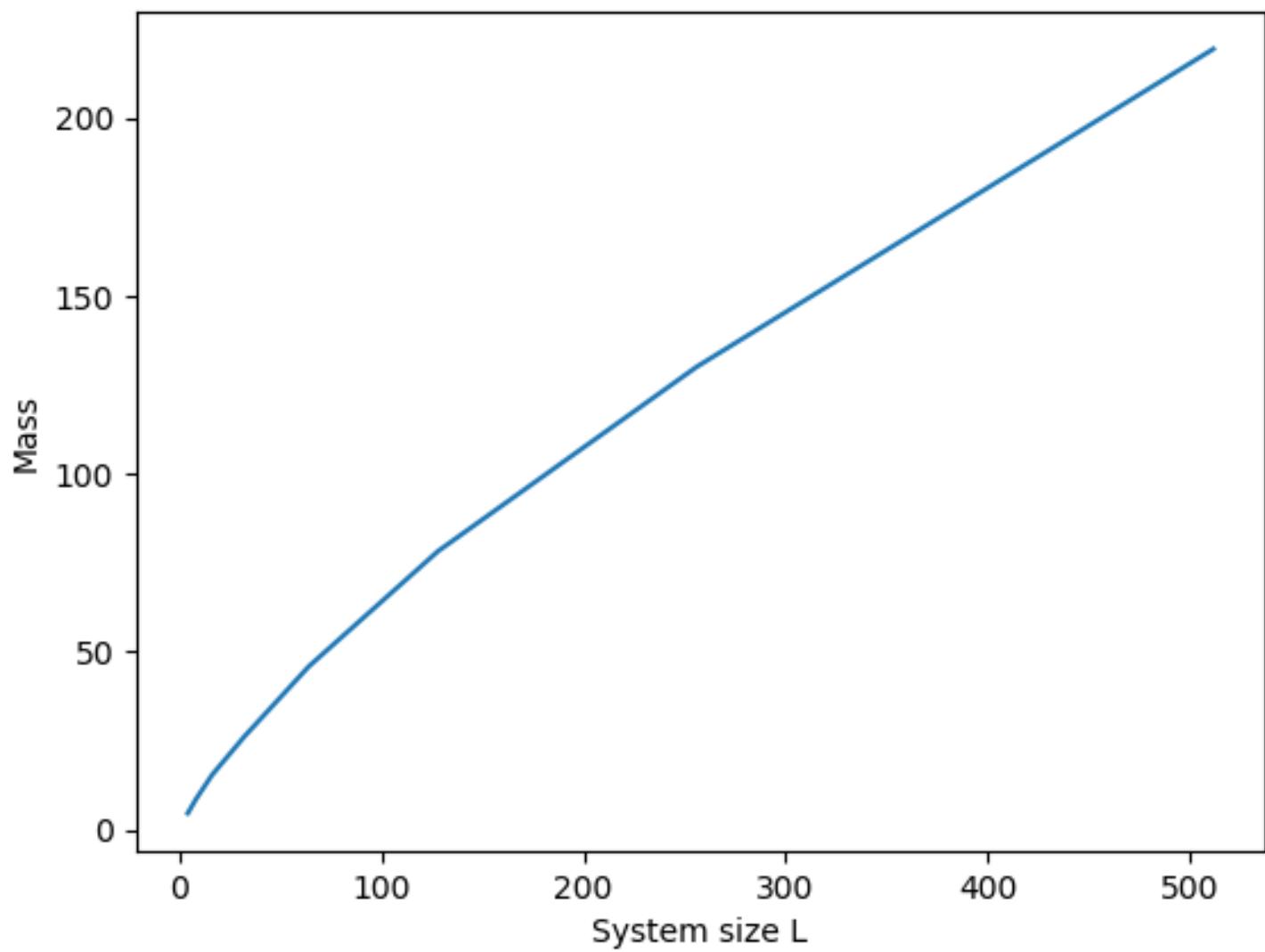
Scaling function  $\phi(u)$



Fill probability of percolation,  $x=0.3$ ,  $\nu=4/3$



Mass of the singly connected bonds



### Singly connected cluster density

