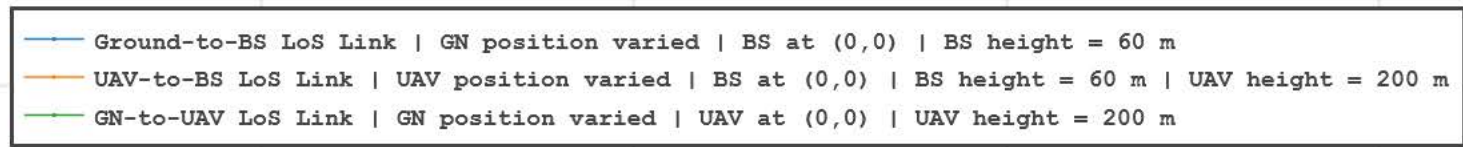


LoS Throughput in Mbps

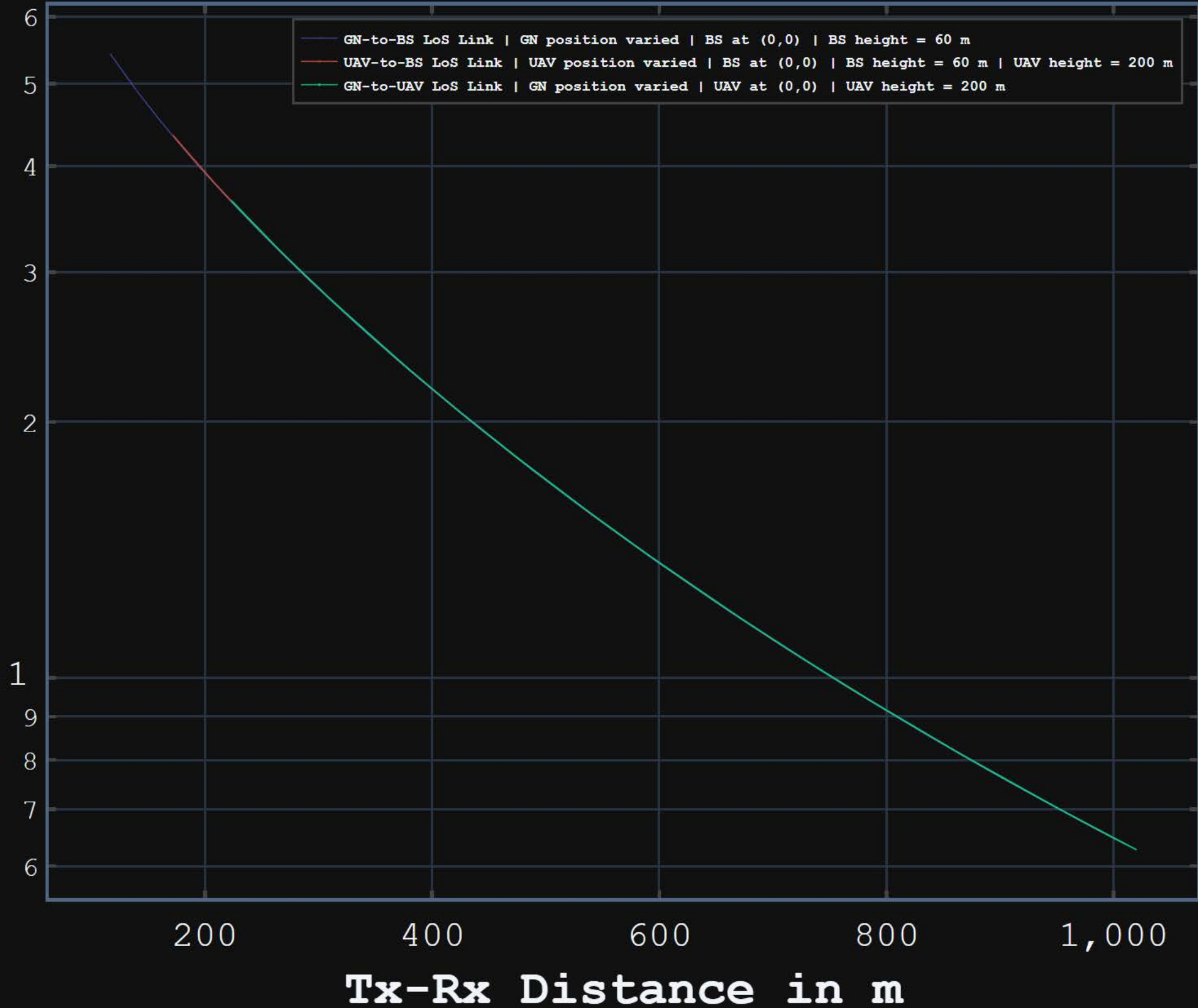


200 400 600 800 1,000

Radius Level in m

LoS Throughput in Mbps

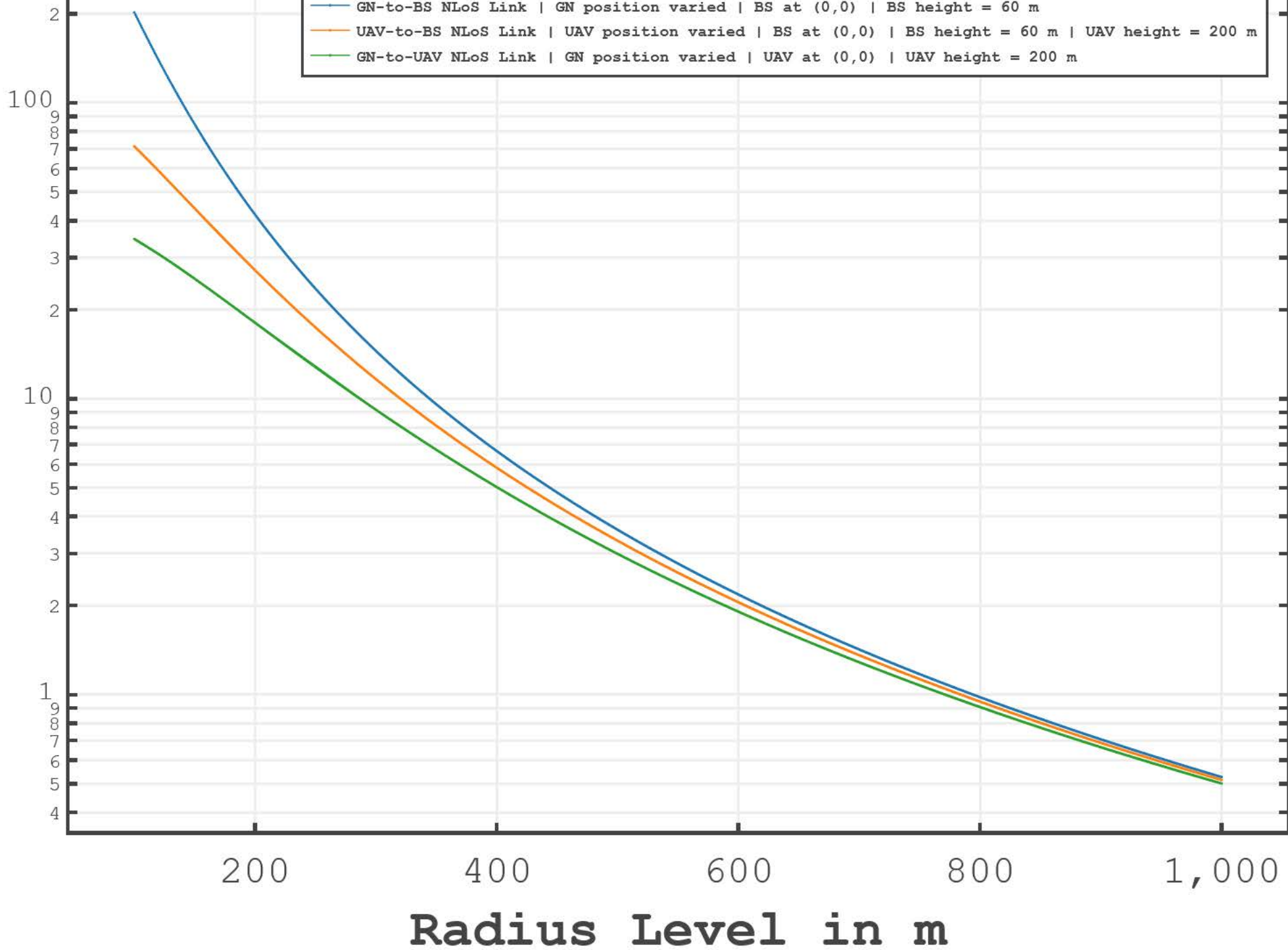
GN-to-BS LoS Link | GN position varied | BS at (0,0) | BS height = 60 m  
UAV-to-BS LoS Link | UAV position varied | BS at (0,0) | BS height = 60 m | UAV height = 200 m  
GN-to-UAV LoS Link | GN position varied | UAV at (0,0) | UAV height = 200 m





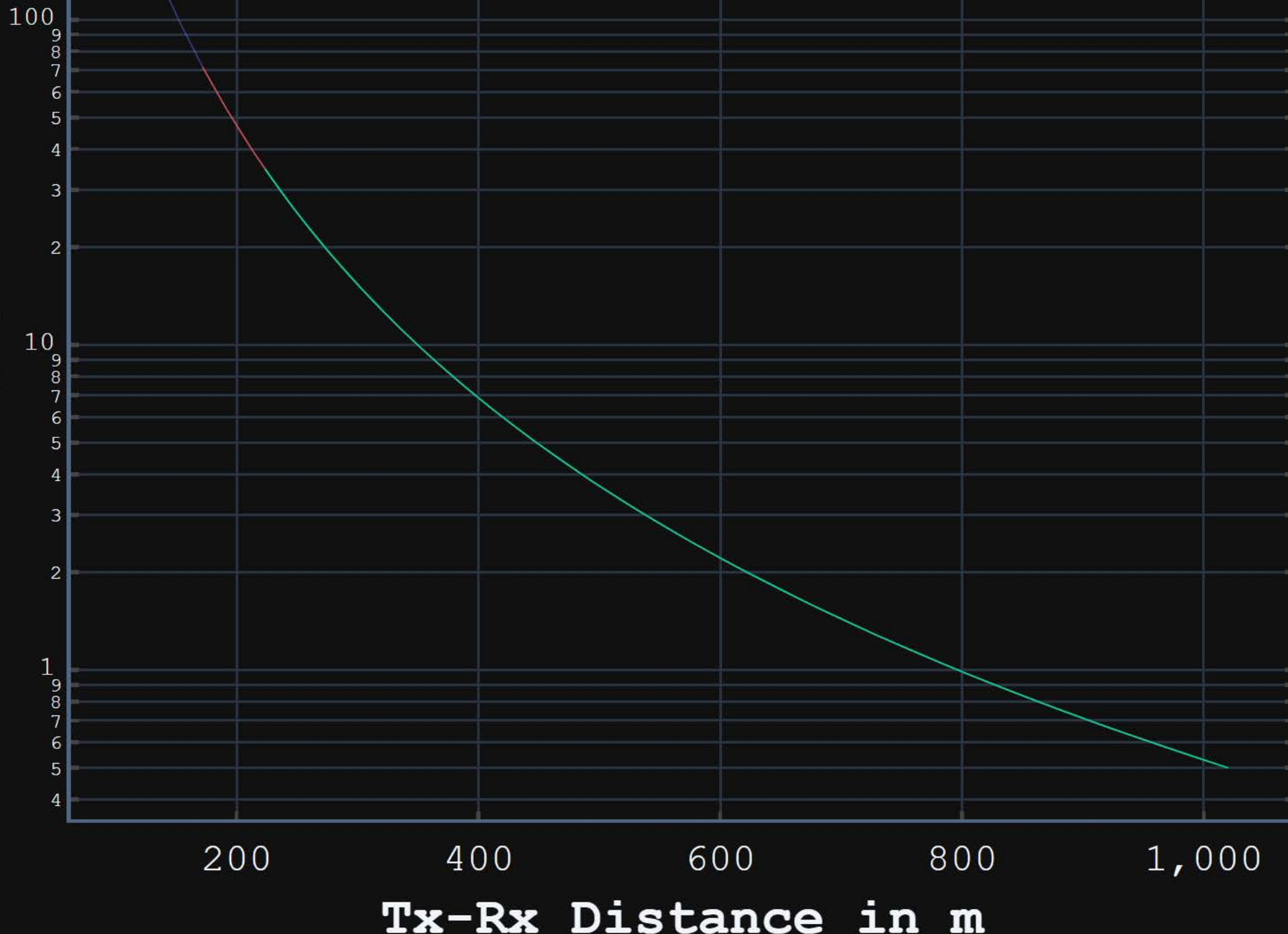
NLoS Throughput in kbps

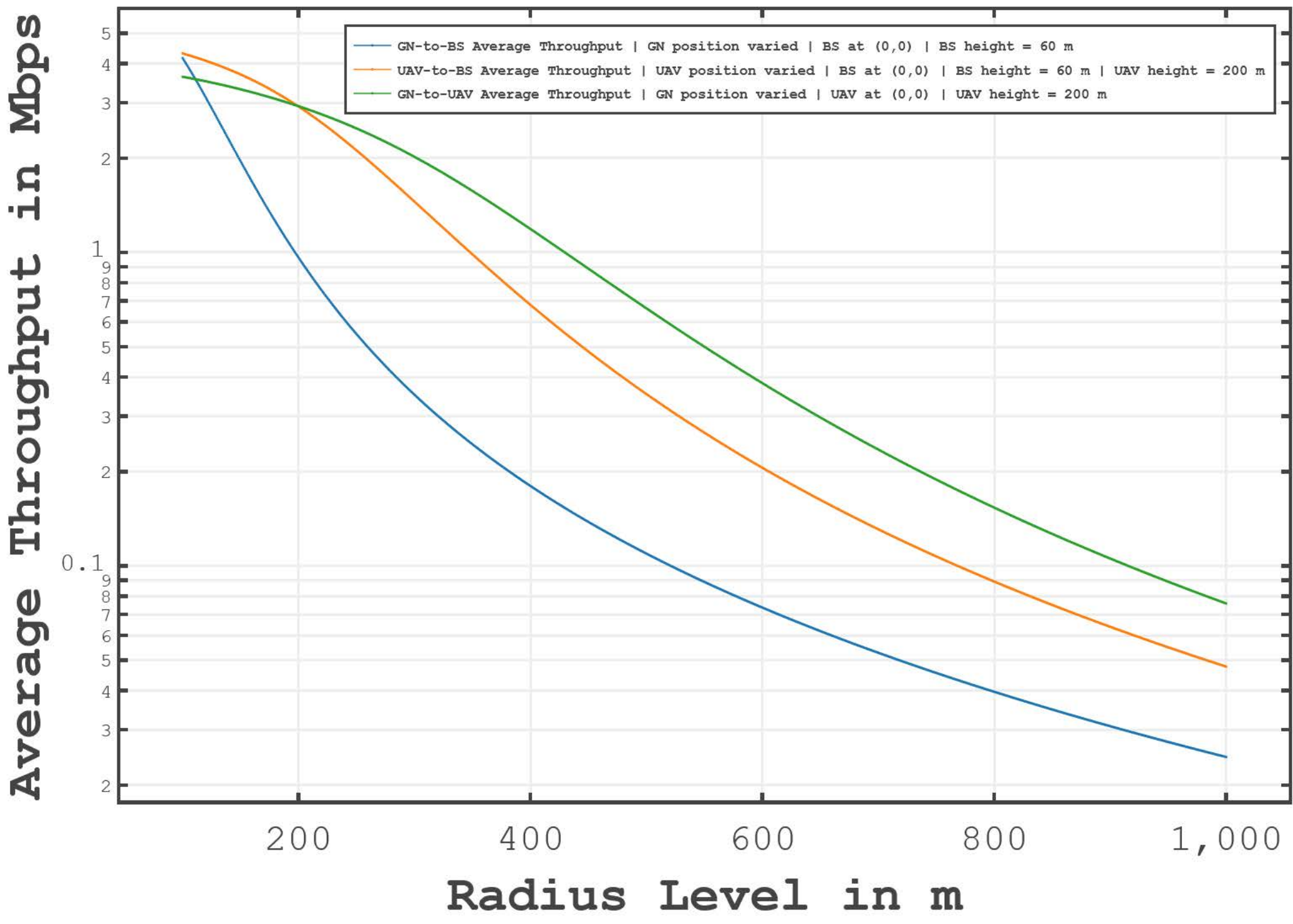
GN-to-BS NLoS Link | GN position varied | BS at (0,0) | BS height = 60 m  
UAV-to-BS NLoS Link | UAV position varied | BS at (0,0) | BS height = 60 m | UAV height = 200 m  
GN-to-UAV NLoS Link | GN position varied | UAV at (0,0) | UAV height = 200 m



NLoS Throughput in kbps

GN-to-BS NLoS Link | GN position varied | BS at (0,0) | BS height = 60 m  
UAV-to-BS NLoS Link | UAV position varied | BS at (0,0) | BS height = 60 m | UAV height = 200m  
GN-to-UAV NLoS Link | GN position varied | UAV at (0,0) | UAV height = 200 m





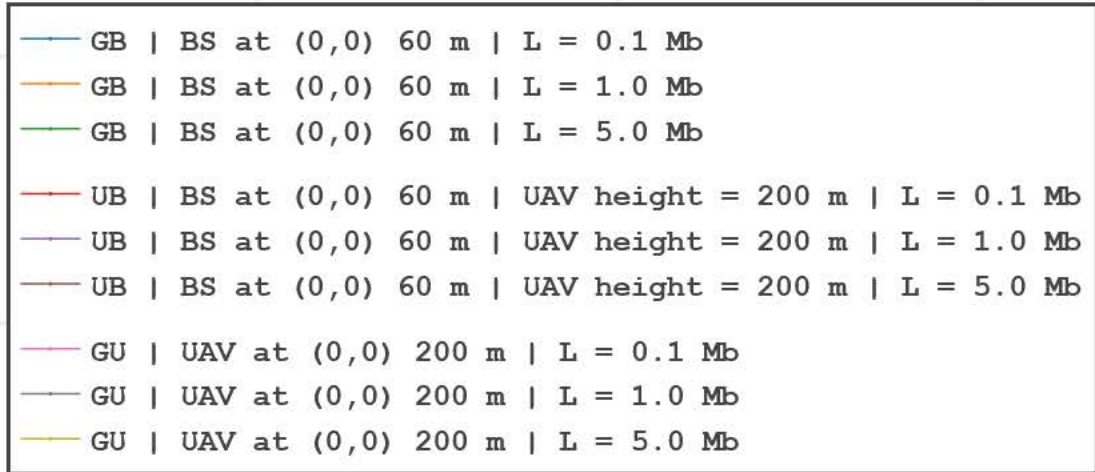
**Average Throughput in Mbps**

GN-to-BS Average Throughput | GN position varied | BS at (0,0) | BS height = 60 m  
UAV-to-BS Average Throughput | UAV position varied | BS at (0,0) | BS height = 60 m | UAV height = 200 m  
GN-to-UAV Average Throughput | GN position varied | UAV at (0,0) | UAV height = 200 m



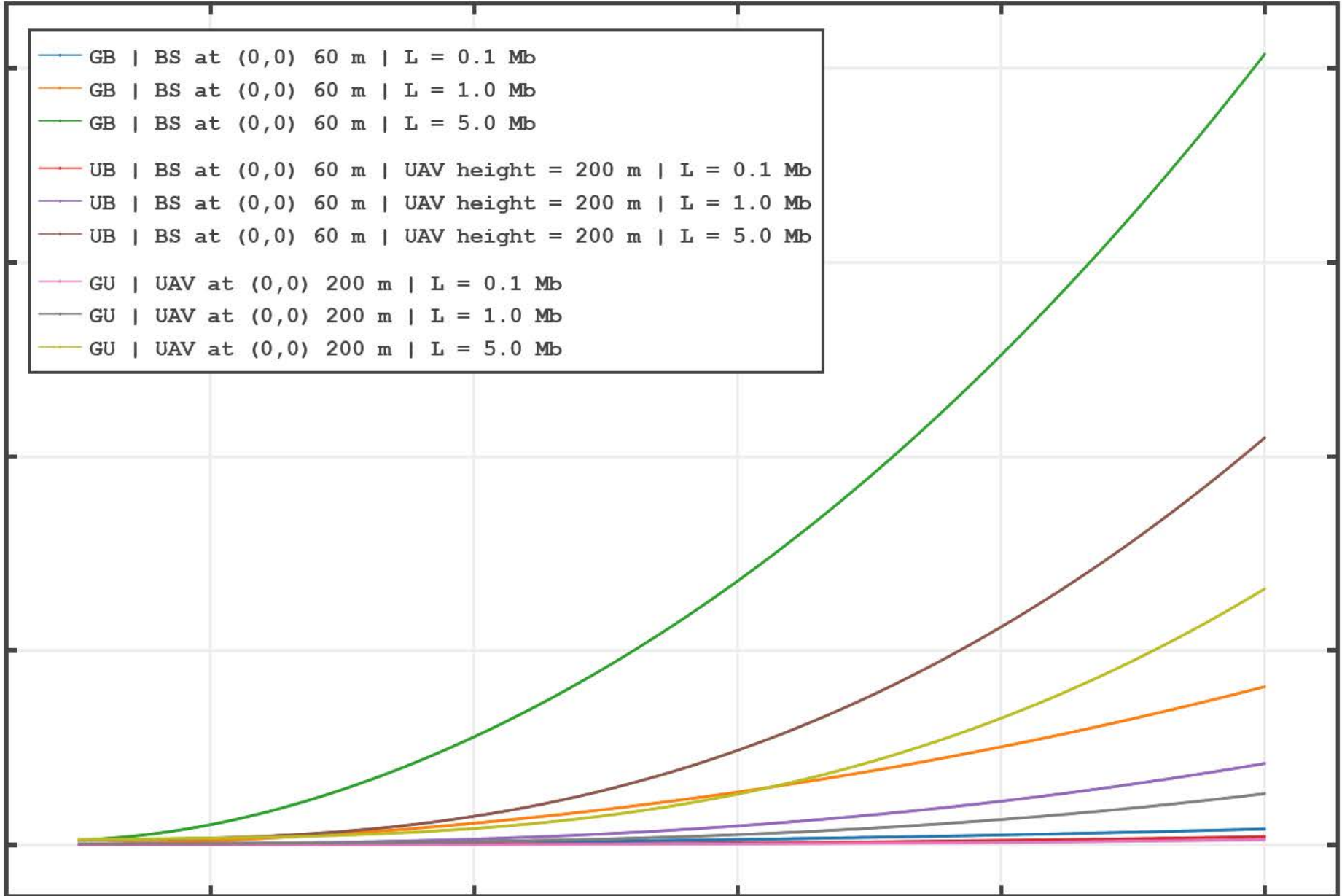
**Average Delay in s**

200  
150  
100  
50  
0

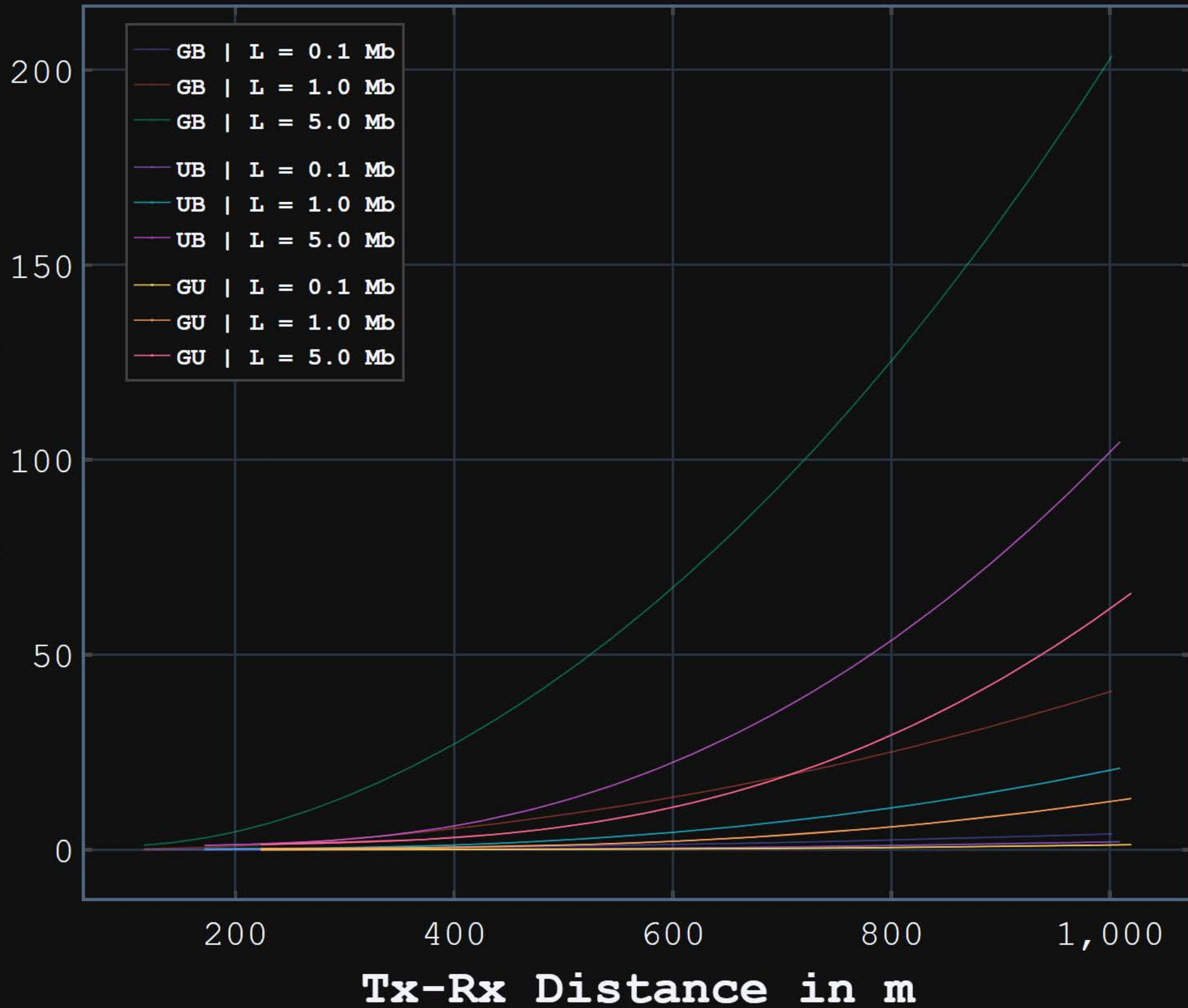


200 400 600 800 1,000

**Radius Level in m**

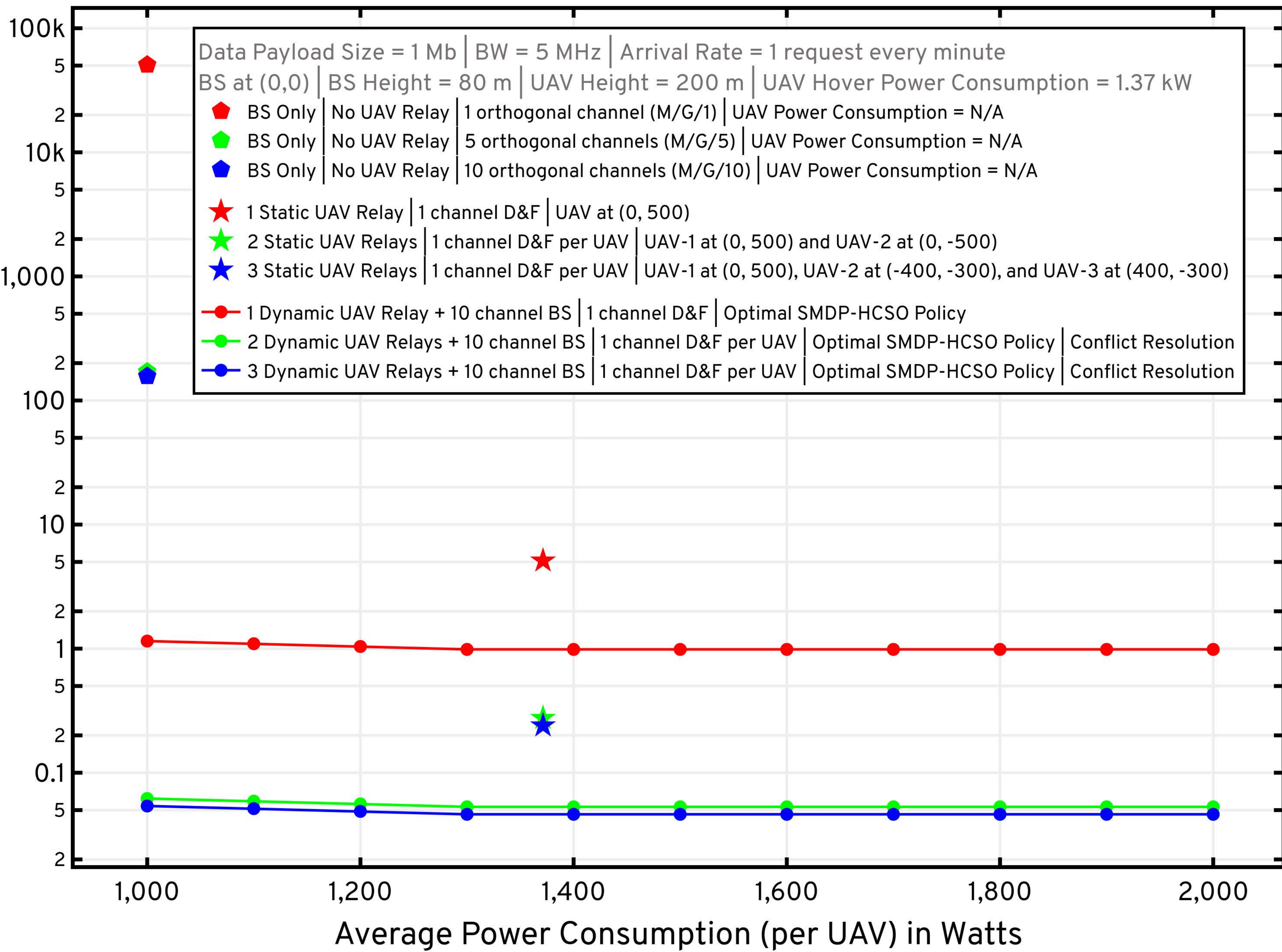




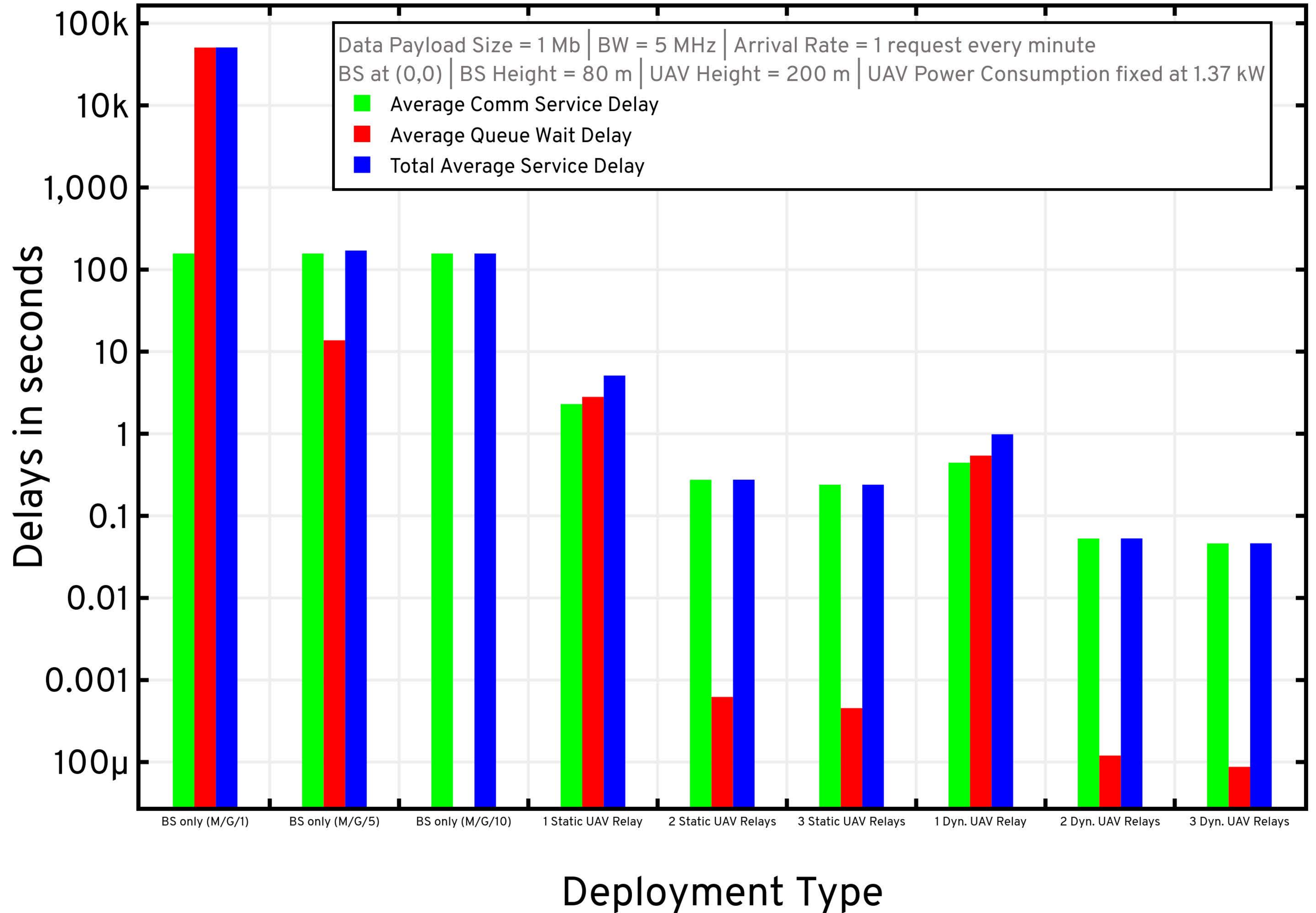




Average Delay (Comm service + Queue waiting) in seconds









Average Delay (Comm service + Queue waiting) in seconds

