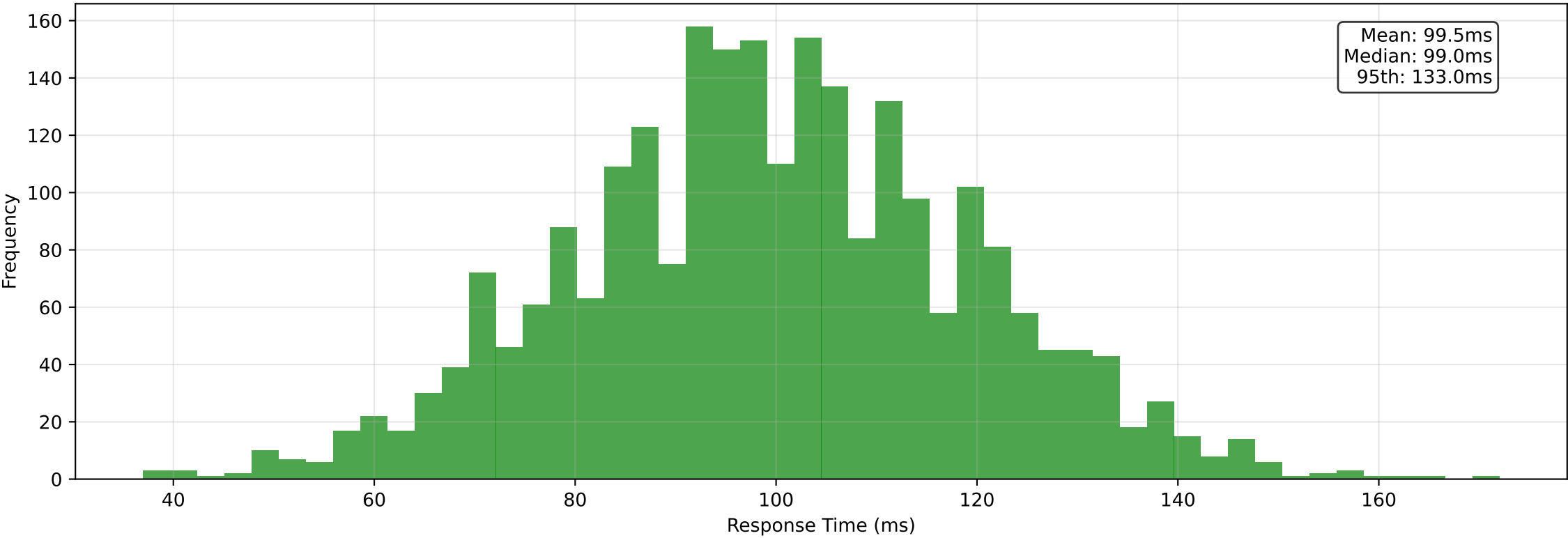
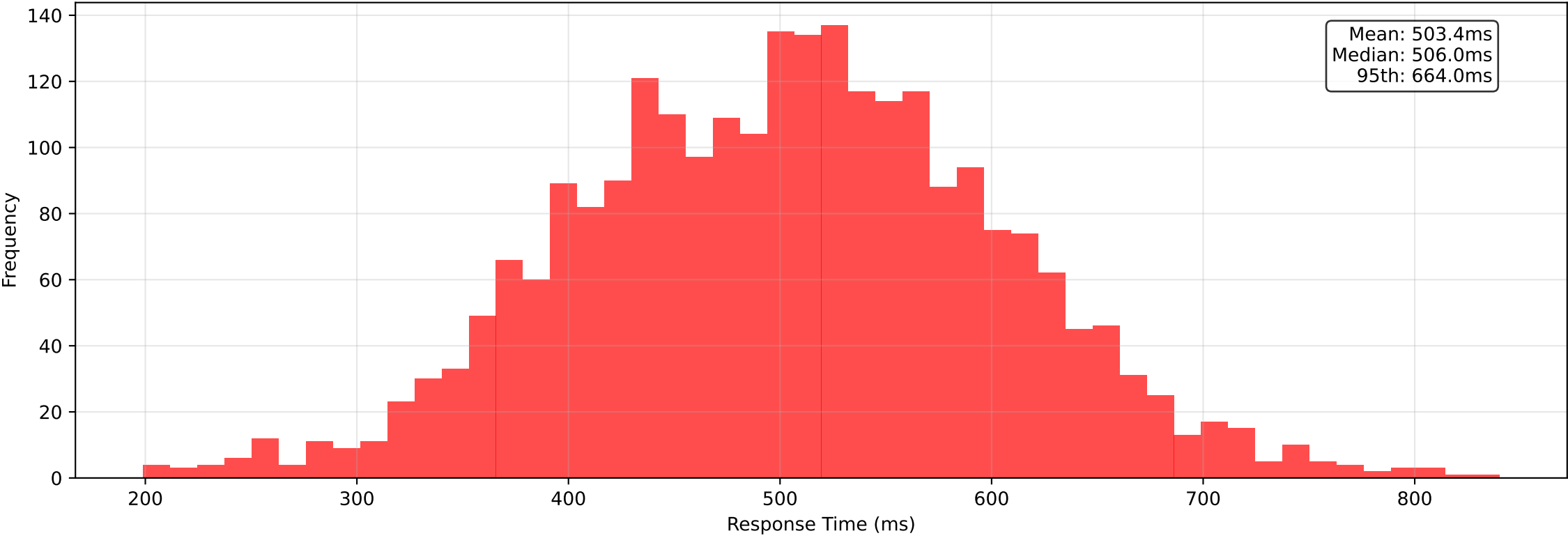


Response Time Analysis: Security Patterns

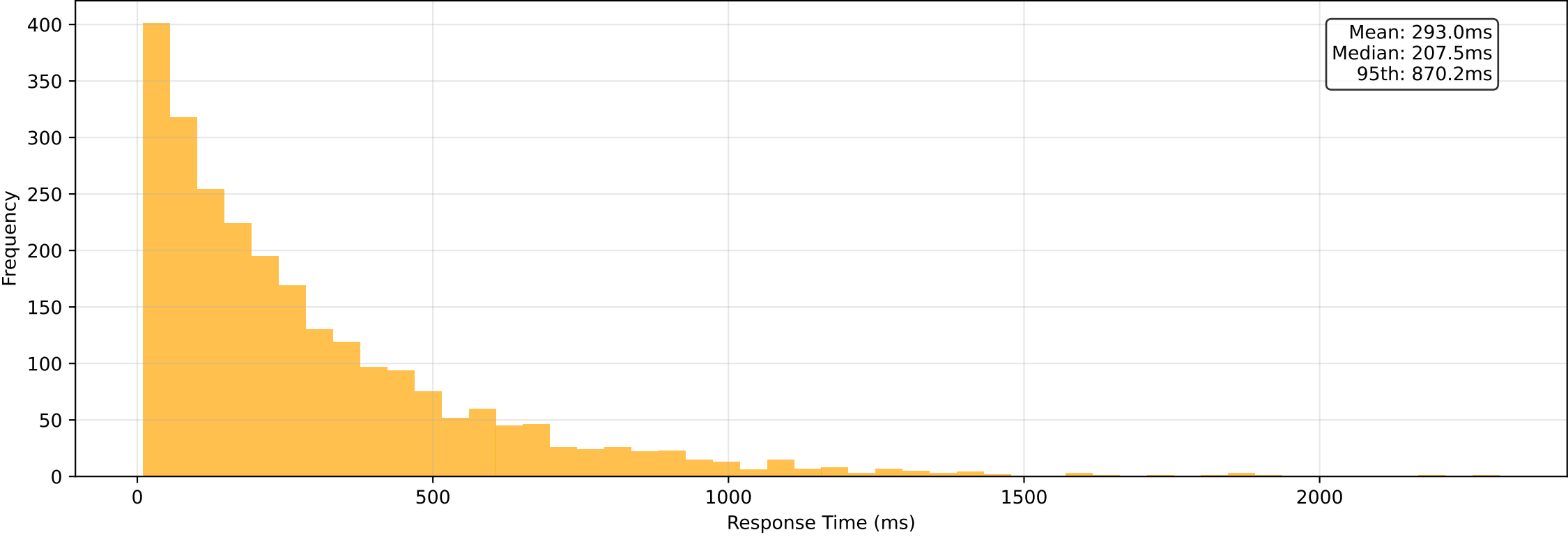
Normal Traffic Pattern  
Baseline response time distribution  
Mean: ~100ms, Low variance



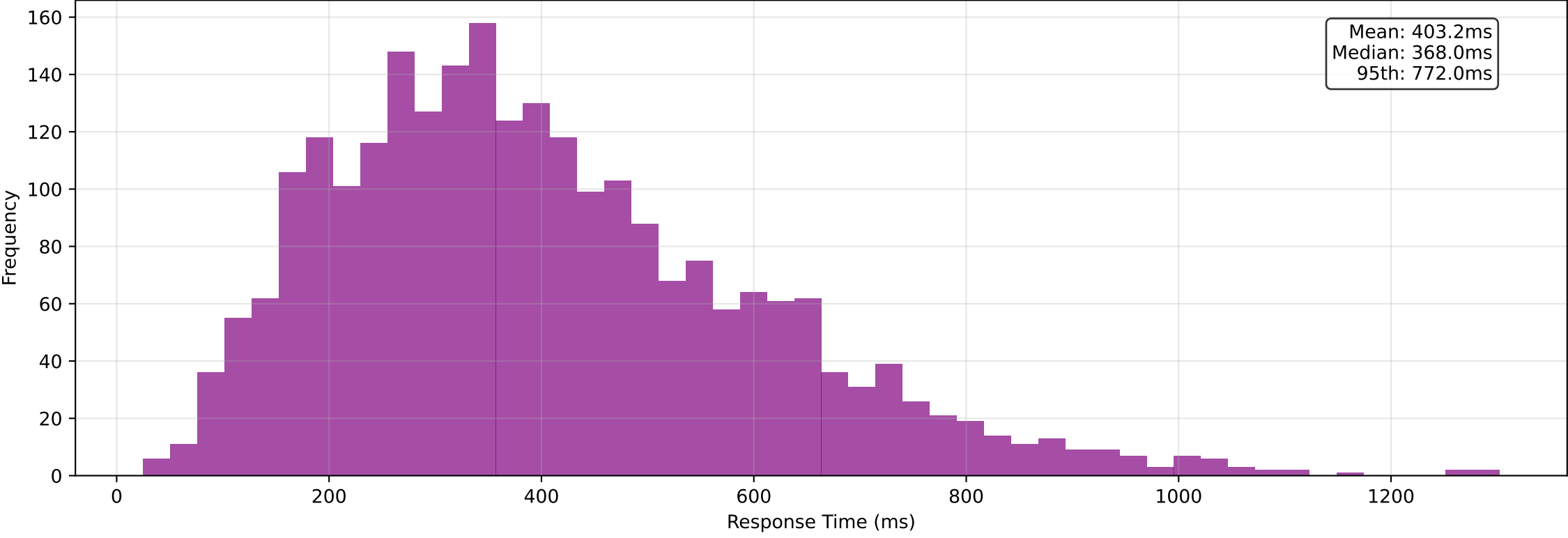
Milli-Bottleneck Attack Pattern  
Short, intense spikes in response times  
Possible DoS attempt



Resource Exhaustion Pattern  
Gradual degradation pattern  
System resource depletion



Synchronized Attack Pattern  
Coordinated attack pattern  
Multiple simultaneous requests



Pattern with Countermeasures  
Protected system response  
Reduced impact of attacks

