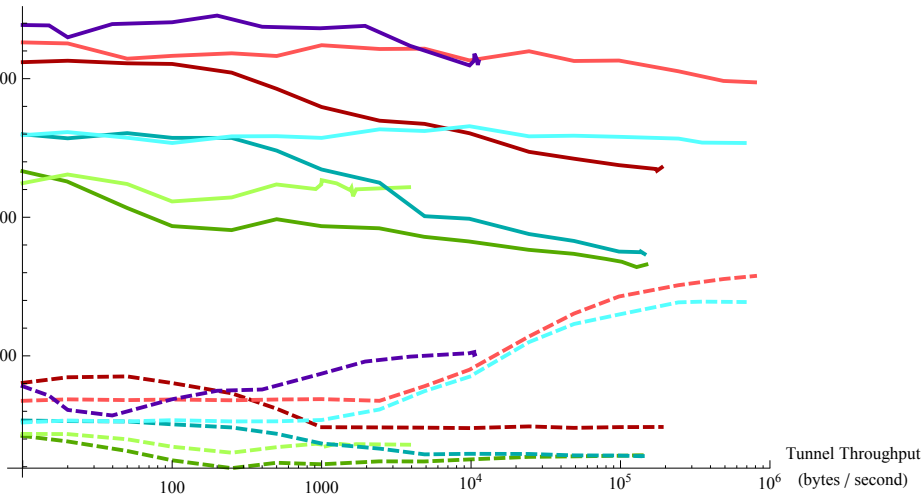


Performance of Python Interpreters on Tunnel Data – Proposed Method
Processing Speed by Input File (Cython, PyPy)

Processing Rate
(packets / second)



Tunnel Throughput
(bytes / second)

- dns2tcp c2s** (Solid dark red line)
- dns2tcp s2c** (Dashed light red line)
- Cython**
- PyPy**
- dnscat c2s** (Solid dark green line)
- dnscat s2c** (Dashed light green line)
- Cython**
- PyPy**
- iodine c2s** (Solid dark blue line)
- iodine s2c** (Dashed light blue line)
- Cython**
- PyPy**
- next-gen c2s** (Solid purple line)
- next-gen c2s** (Dashed purple line)
- Cython**
- PyPy**
- dns2tcp c2s** (Dashed dark red line)
- PyPy**