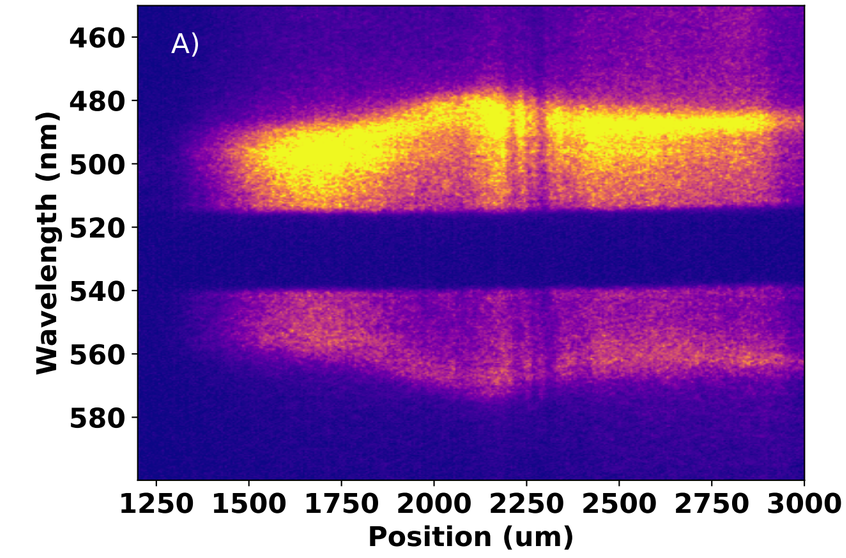
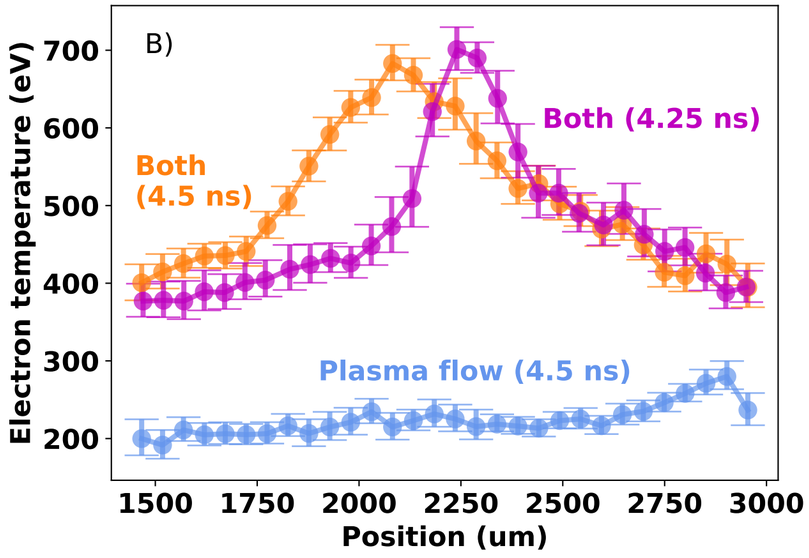
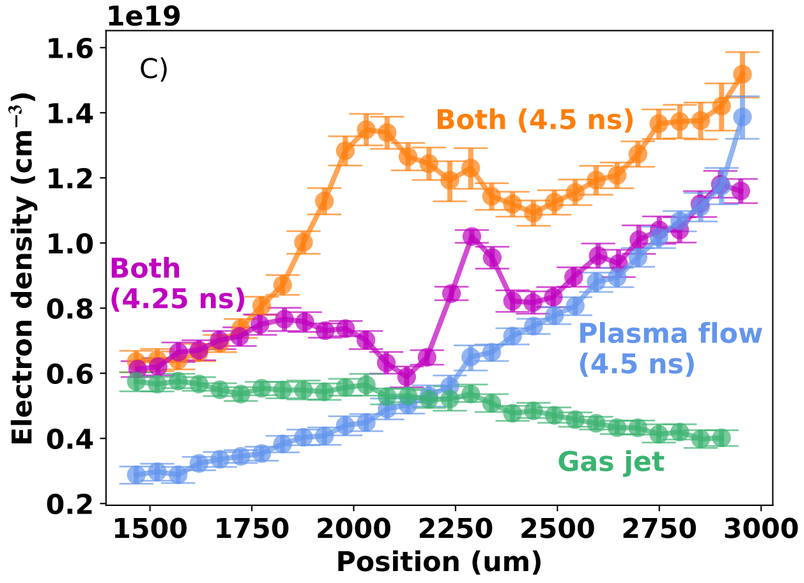
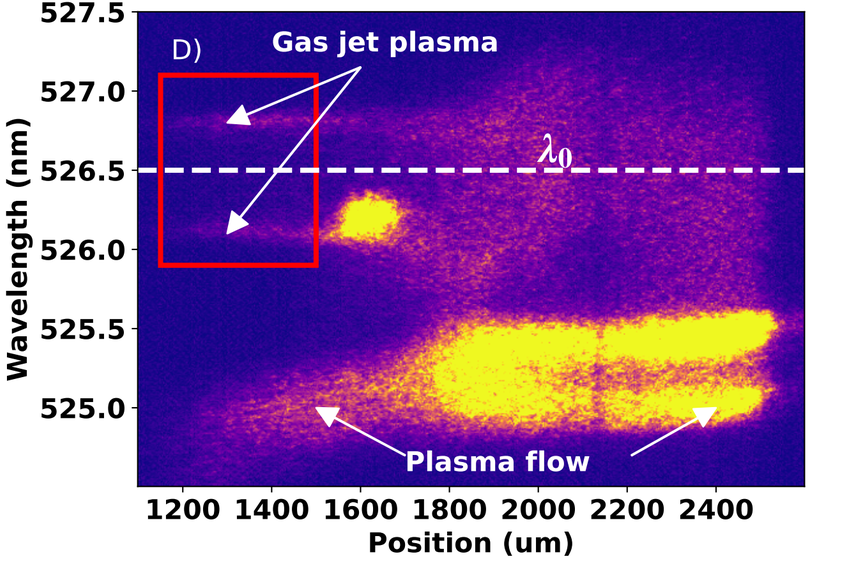
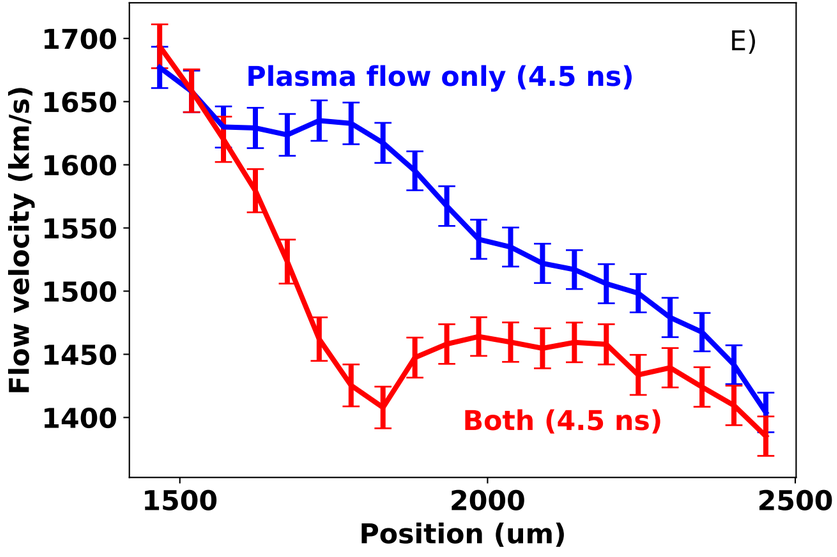
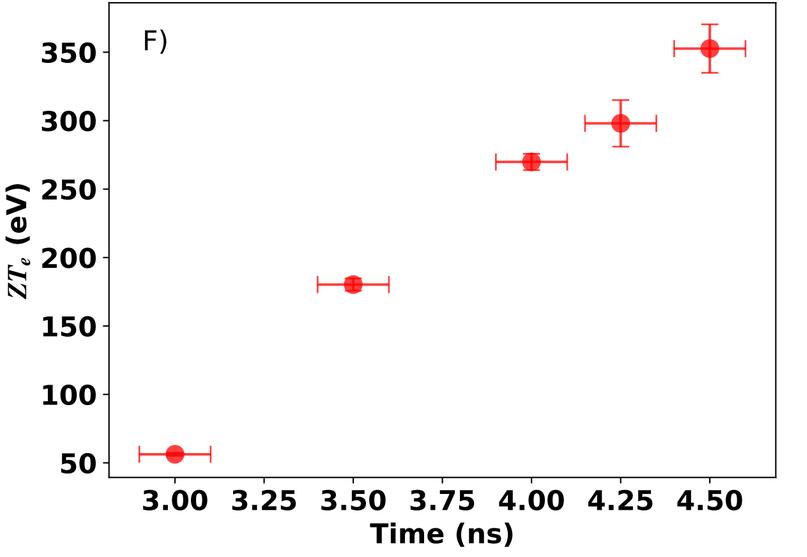

A)
Wavelength (nm)
460
480
500
520
540
560
580
1250 1500 1750 2000 2250 2500 2750 3000
Position (um)


B)
Electron temperature (eV)
700
600
500
400
300
200
Both
(4.5 ns)
Both (4.25 ns)
Plasma flow (4.5 ns)
1500 1750 2000 2250 2500 2750 3000
Position (um)


1e19
C)
Electron density (cm^{-3})
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
Both (4.5 ns)
Both
(4.25 ns)
Plasma flow
(4.5 ns)
Gas jet
1500 1750 2000 2250 2500 2750 3000
Position (um)


D)
Gas jet plasma
λ_0
Plasma flow
Wavelength (nm)
527.5
527.0
526.5
526.0
525.5
525.0
1200 1400 1600 1800 2000 2200 2400
Position (um)


E)
Plasma flow only (4.5 ns)
Both (4.5 ns)
Flow velocity (km/s)
1700
1650
1600
1550
1500
1450
1400
1500 2000 2500
Position (um)


F)
ZT_e (eV)
350
300
250
200
150
100
50
3.00 3.25 3.50 3.75 4.00 4.25 4.50
Time (ns)