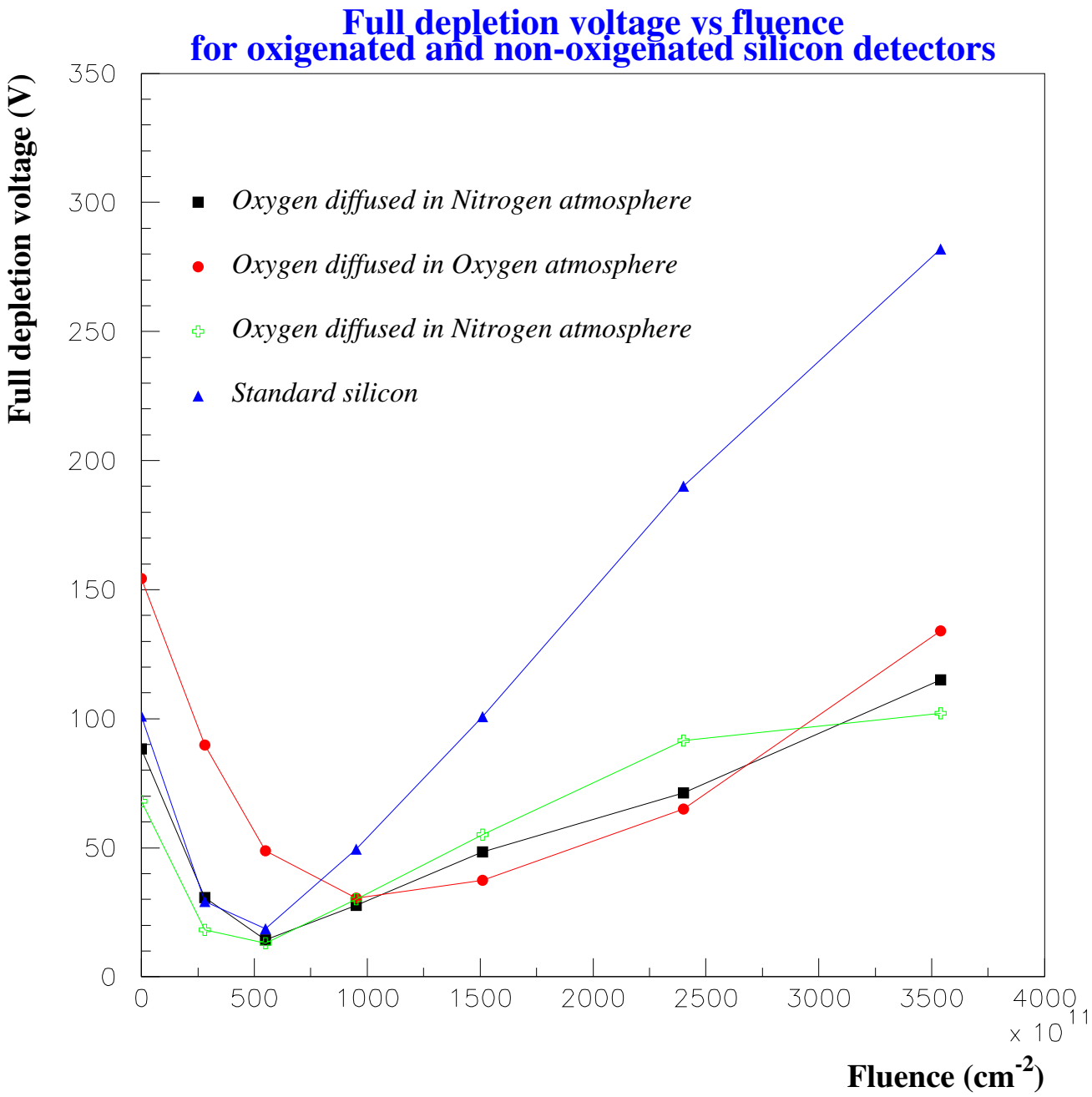
Full depletion voltage vs fluence
for oxigenated and non-oxigenated silicon detectors
Full depletion voltage (V)
350
300
250
200
150
100
50
0
Oxygen diffused in Nitrogen atmosphere
Oxygen diffused in Oxygen atmosphere
Oxygen diffused in Nitrogen atmosphere
Standard silicon
0
500
1000
1500
2000
2500
3000
3500
4000
x 10^11
Fluence (cm^-2)