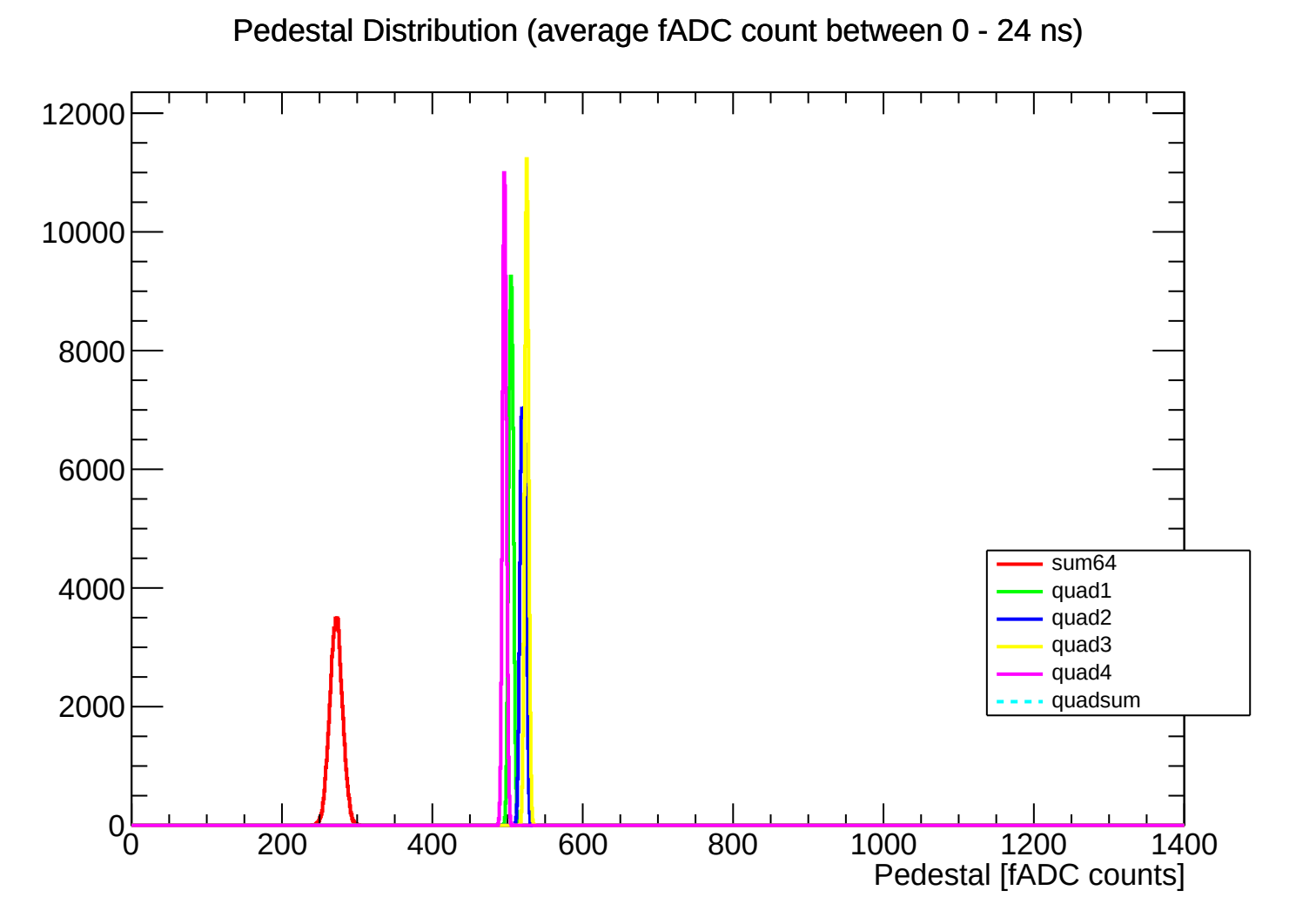
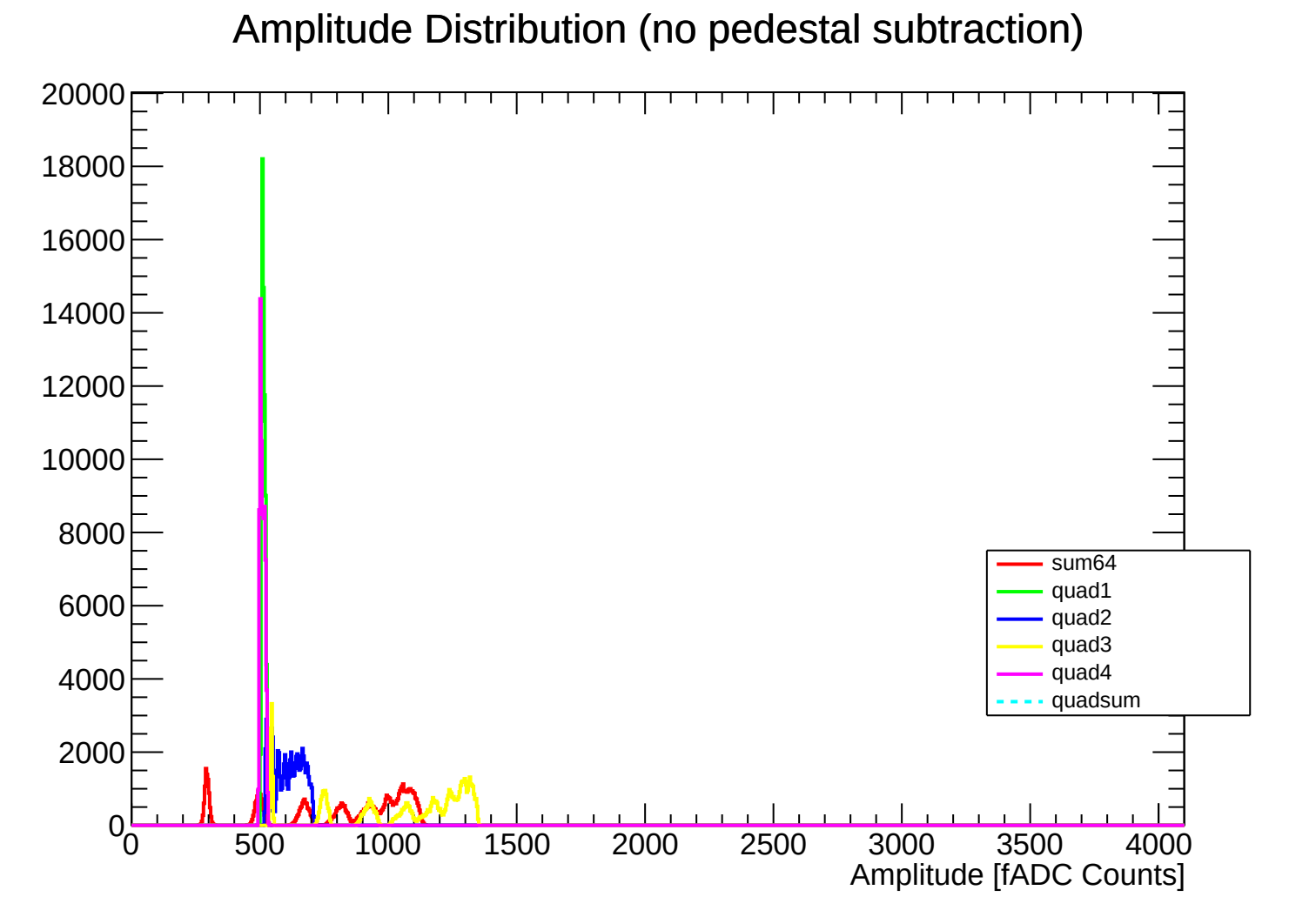
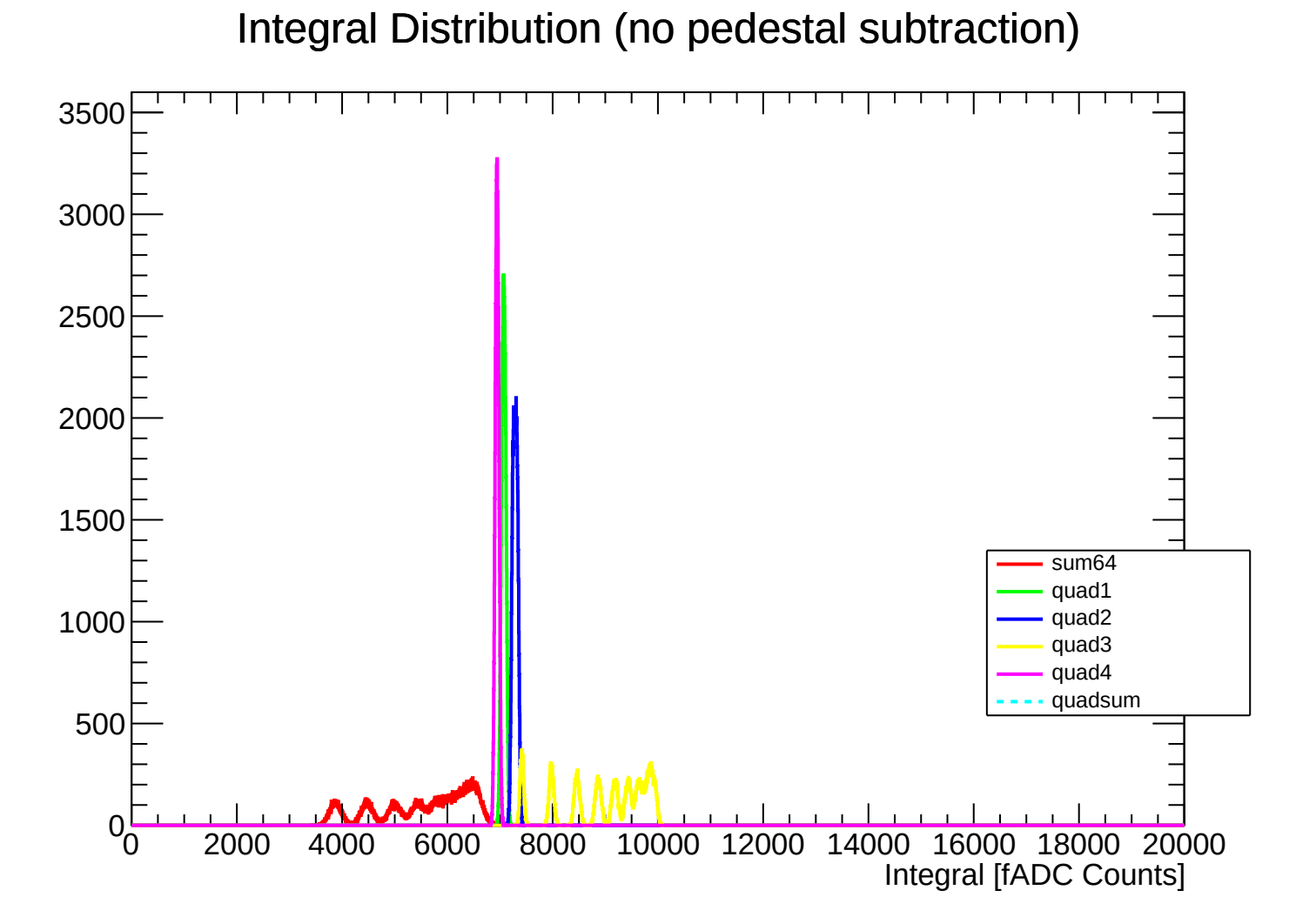
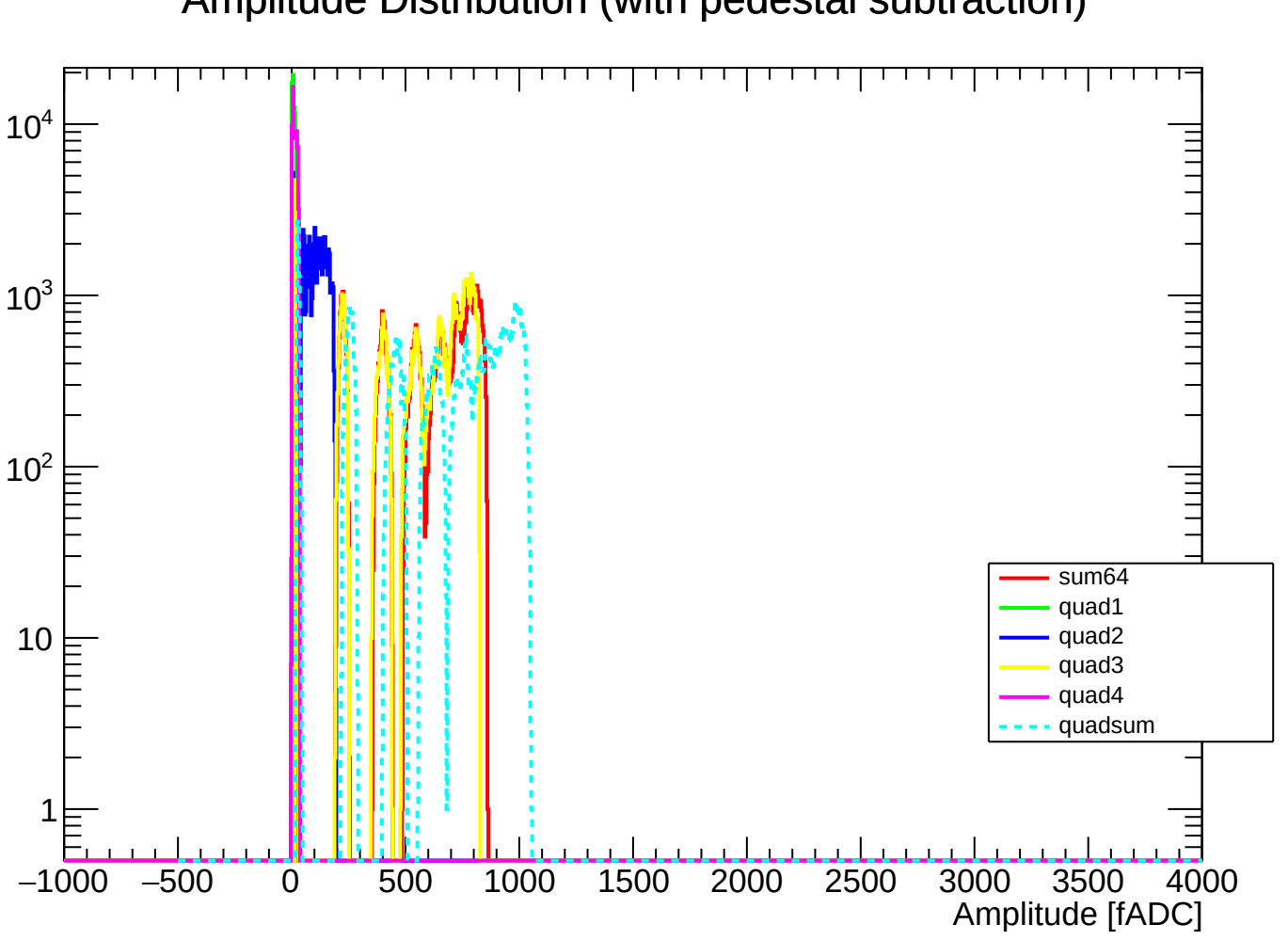
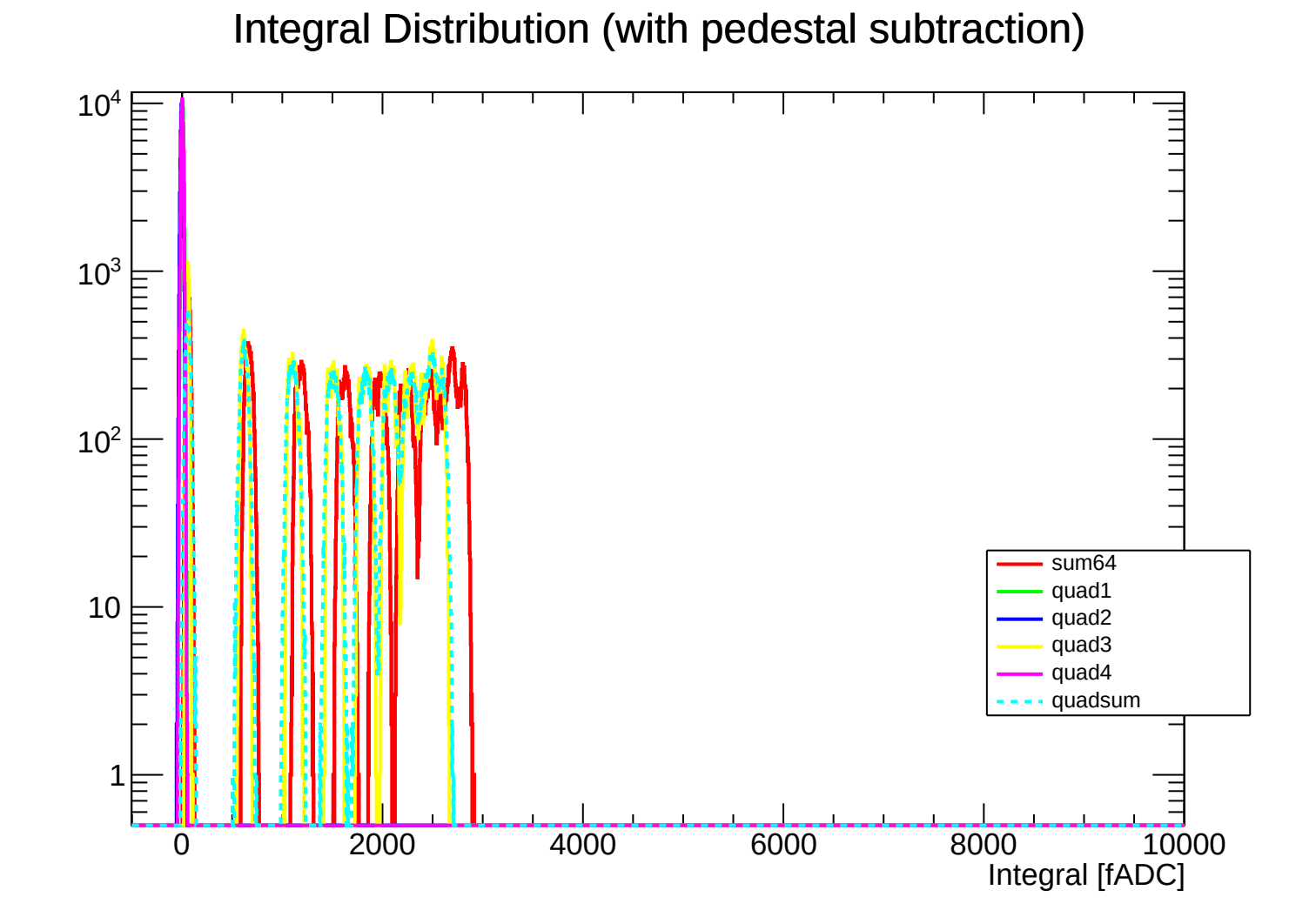
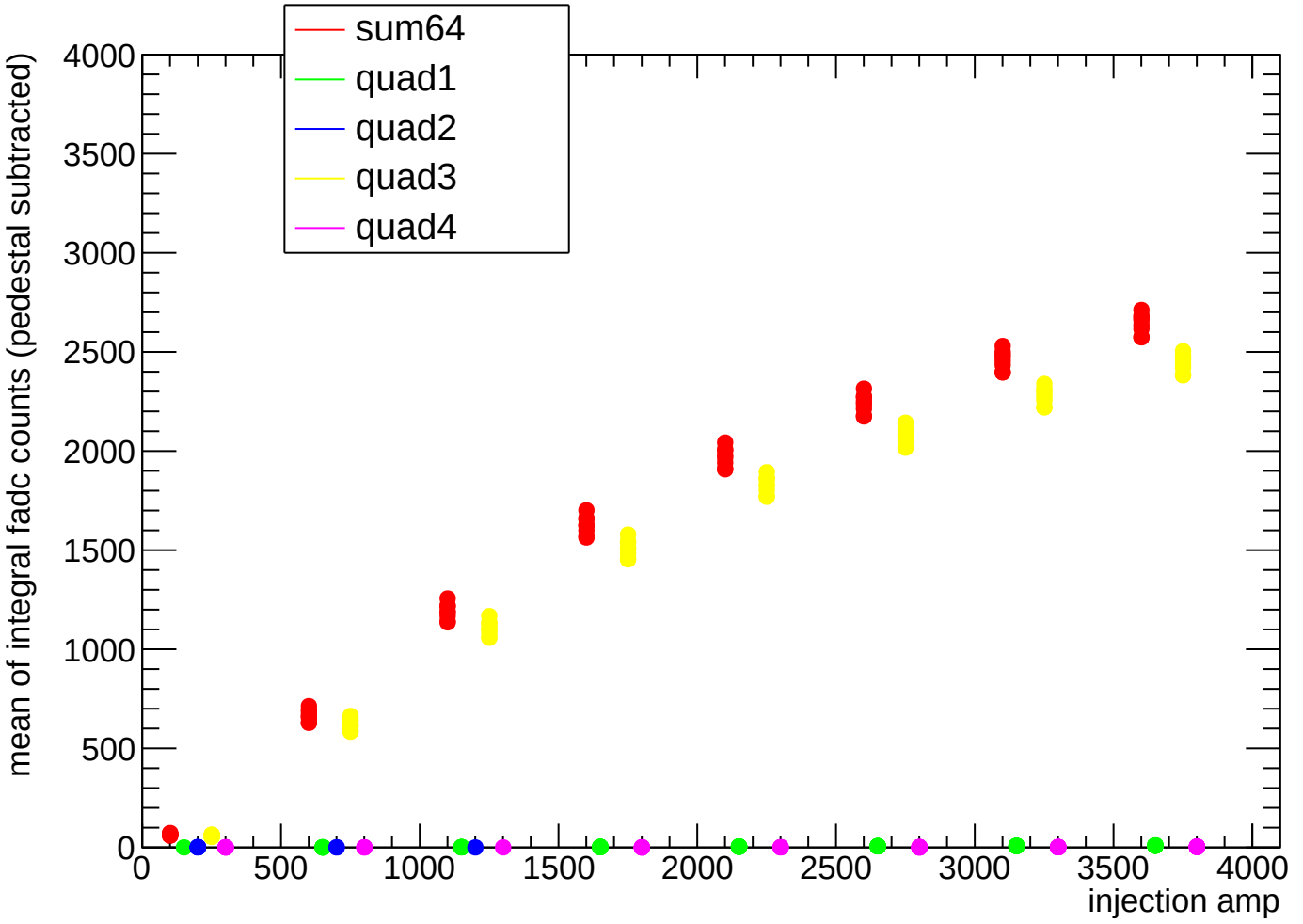

Pedestal Distribution (average fADC count between 0 - 24 ns)
12000
10000
8000
6000
4000
2000
0
0
200
400
600
800
1000
1200
1400
Pedestal [fADC counts]
sum64
quad1
quad2
quad3
quad4
quadsum


Amplitude Distribution (no pedestal subtraction)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0
500
1000
1500
2000
2500
3000
3500
4000
Amplitude [fADC Counts]
sum64
quad1
quad2
quad3
quad4
quadsum


Integral Distribution (no pedestal subtraction)
3500
3000
2500
2000
1500
1000
500
0
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
Integral [fADC Counts]
sum64
quad1
quad2
quad3
quad4
quadsum


Amplitude Distribution (with pedestal subtraction)
10^4
10^3
10^2
10
1
–1000
–500
0
500
1000
1500
2000
2500
3000
3500
4000
Amplitude [fADC]
sum64
quad1
quad2
quad3
quad4
quadsum


Integral Distribution (with pedestal subtraction)
10^4
10^3
10^2
10
1
0
2000
4000
6000
8000
10000
Integral [fADC]
sum64
quad1
quad2
quad3
quad4
quadsum


sum64
quad1
quad2
quad3
quad4
mean of integral fadc counts (pedestal subtracted)
injection amp
0
500
1000
1500
2000
2500
3000
3500
4000