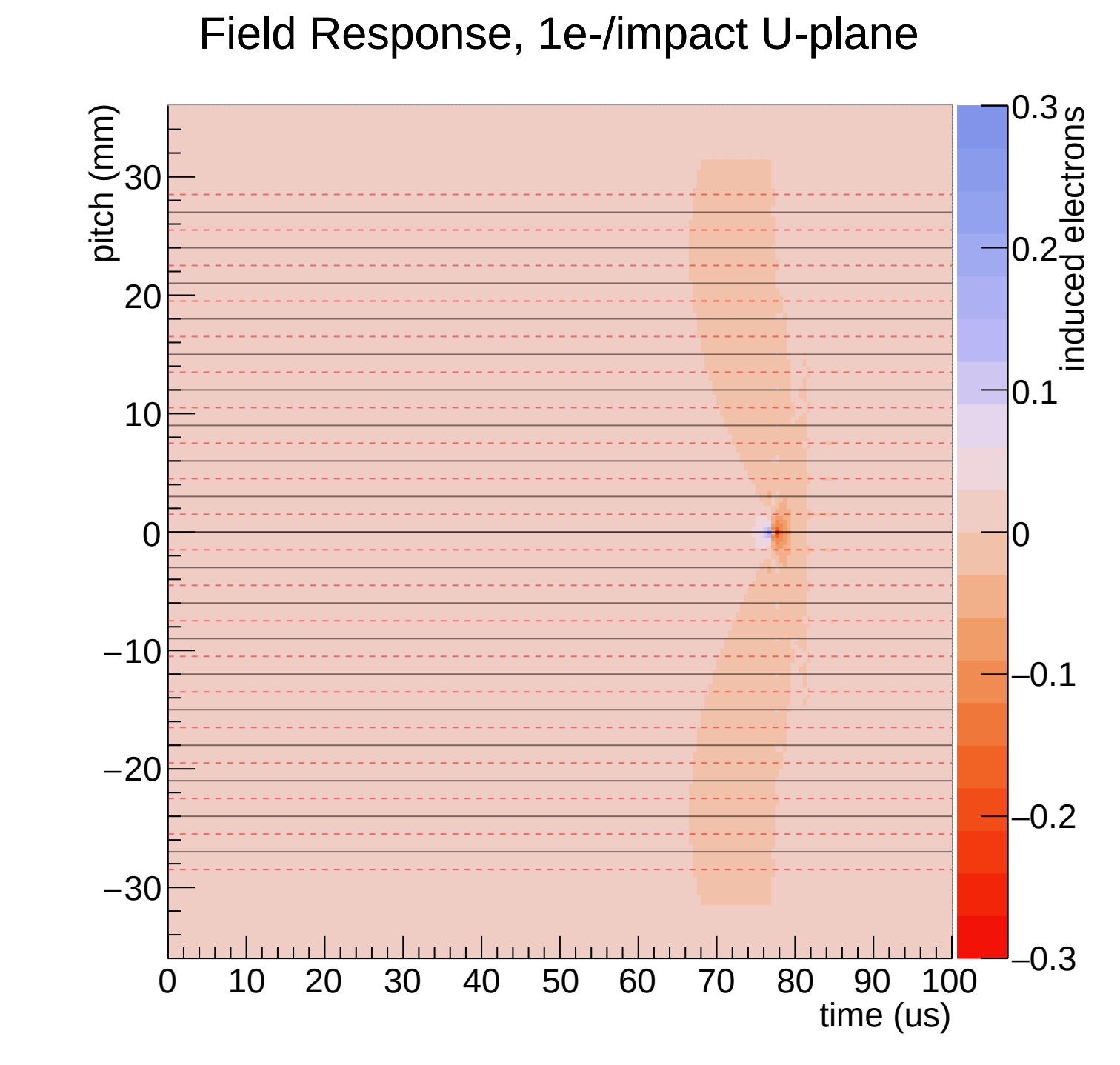
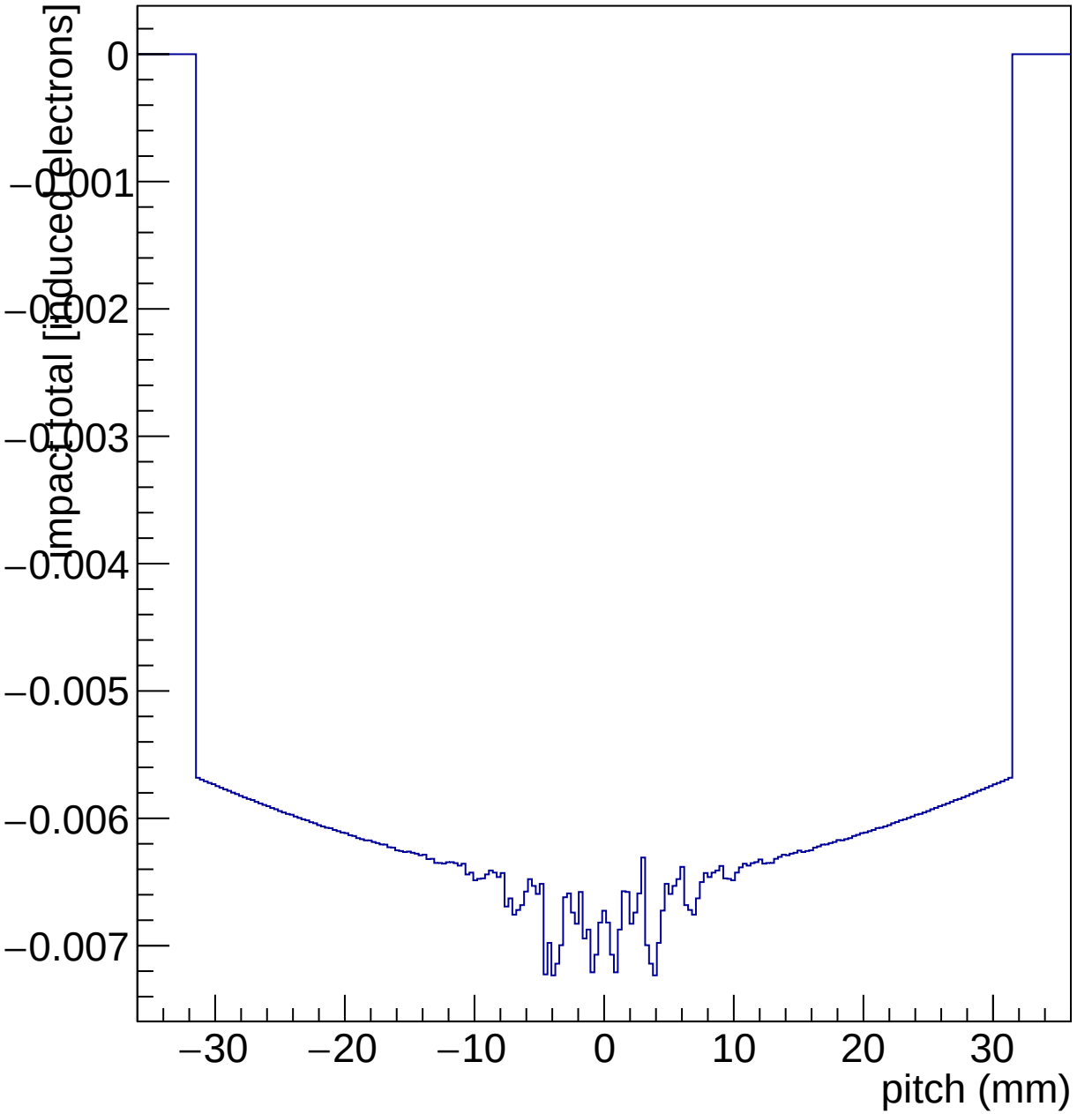
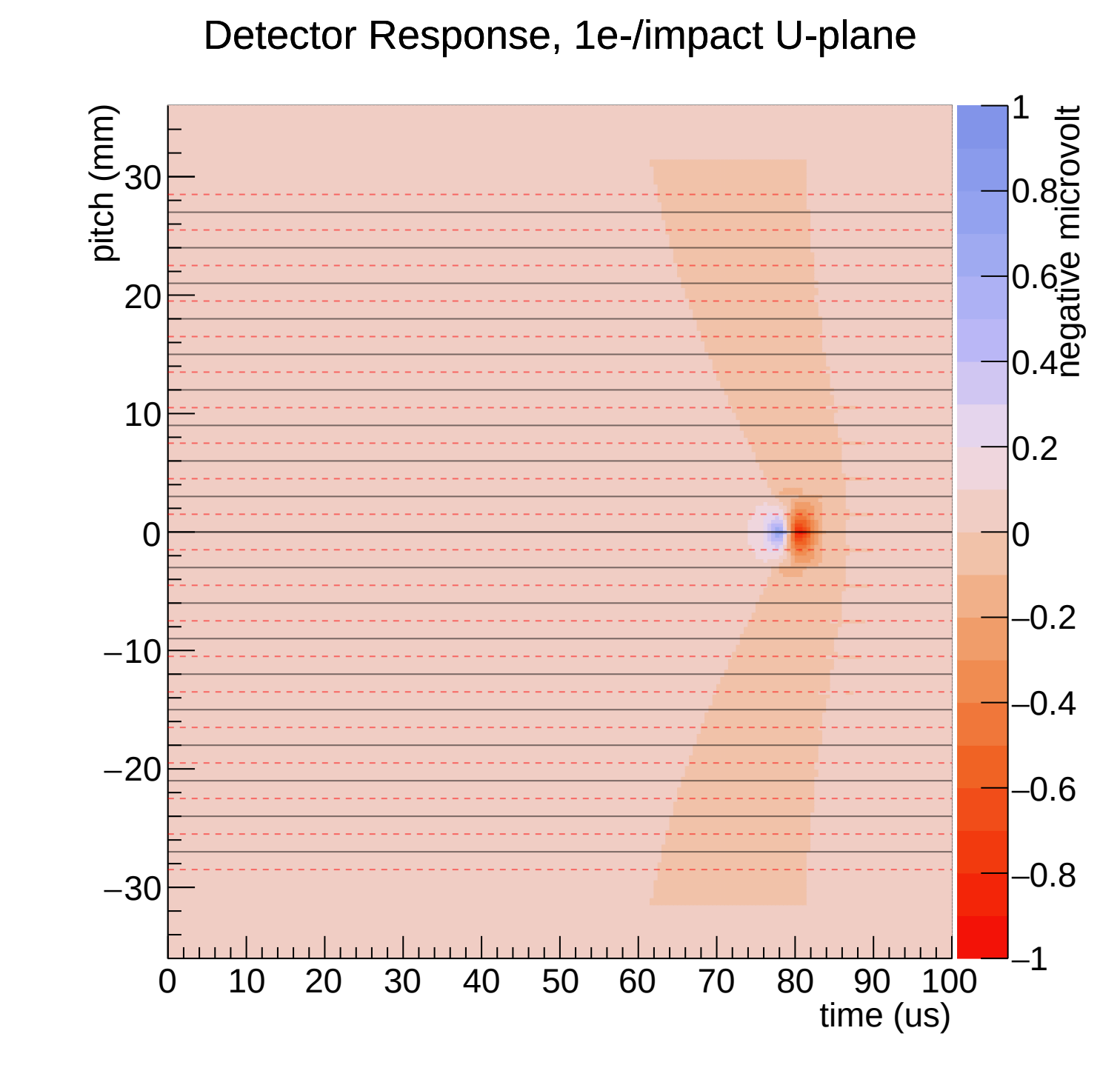
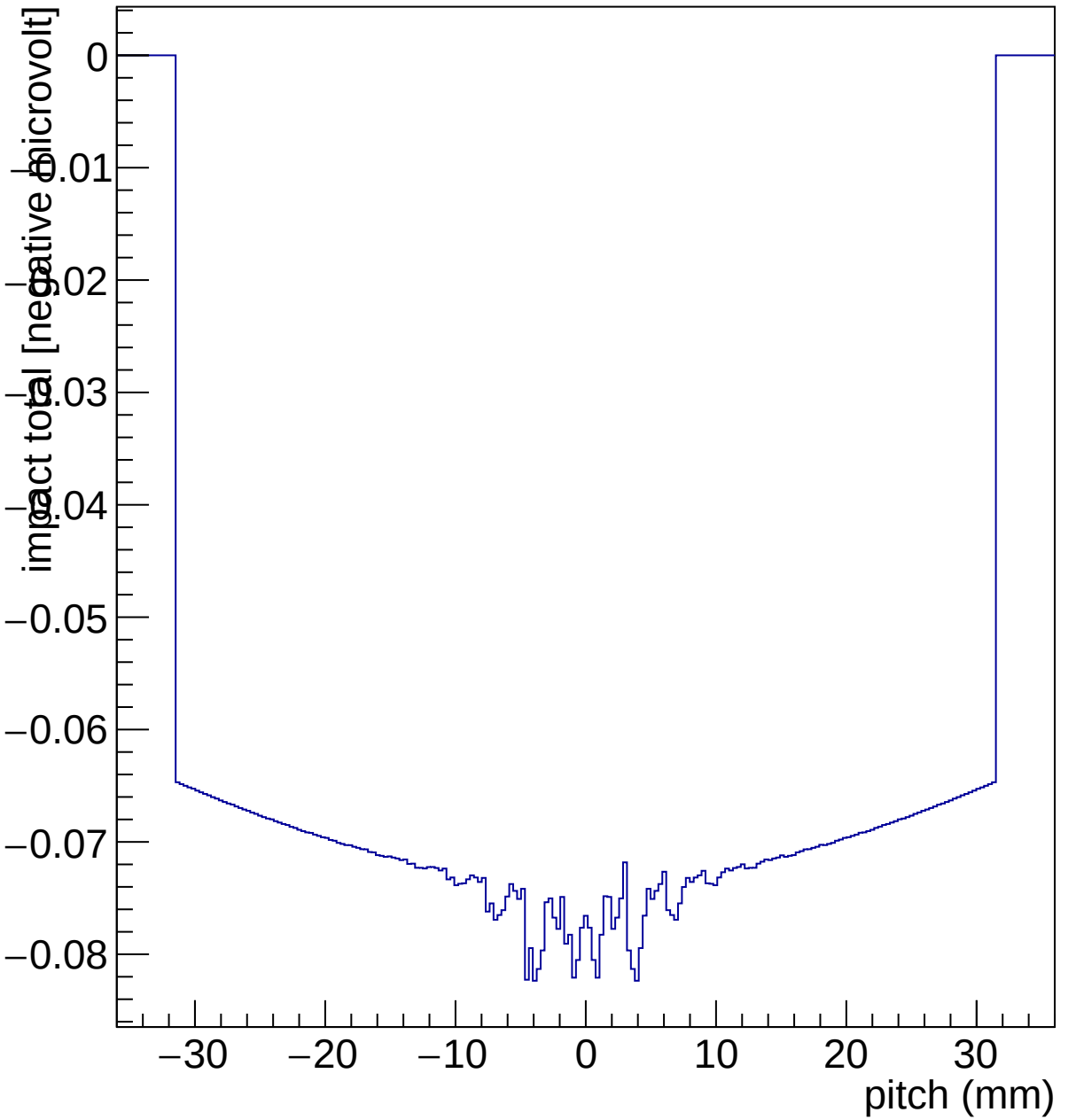
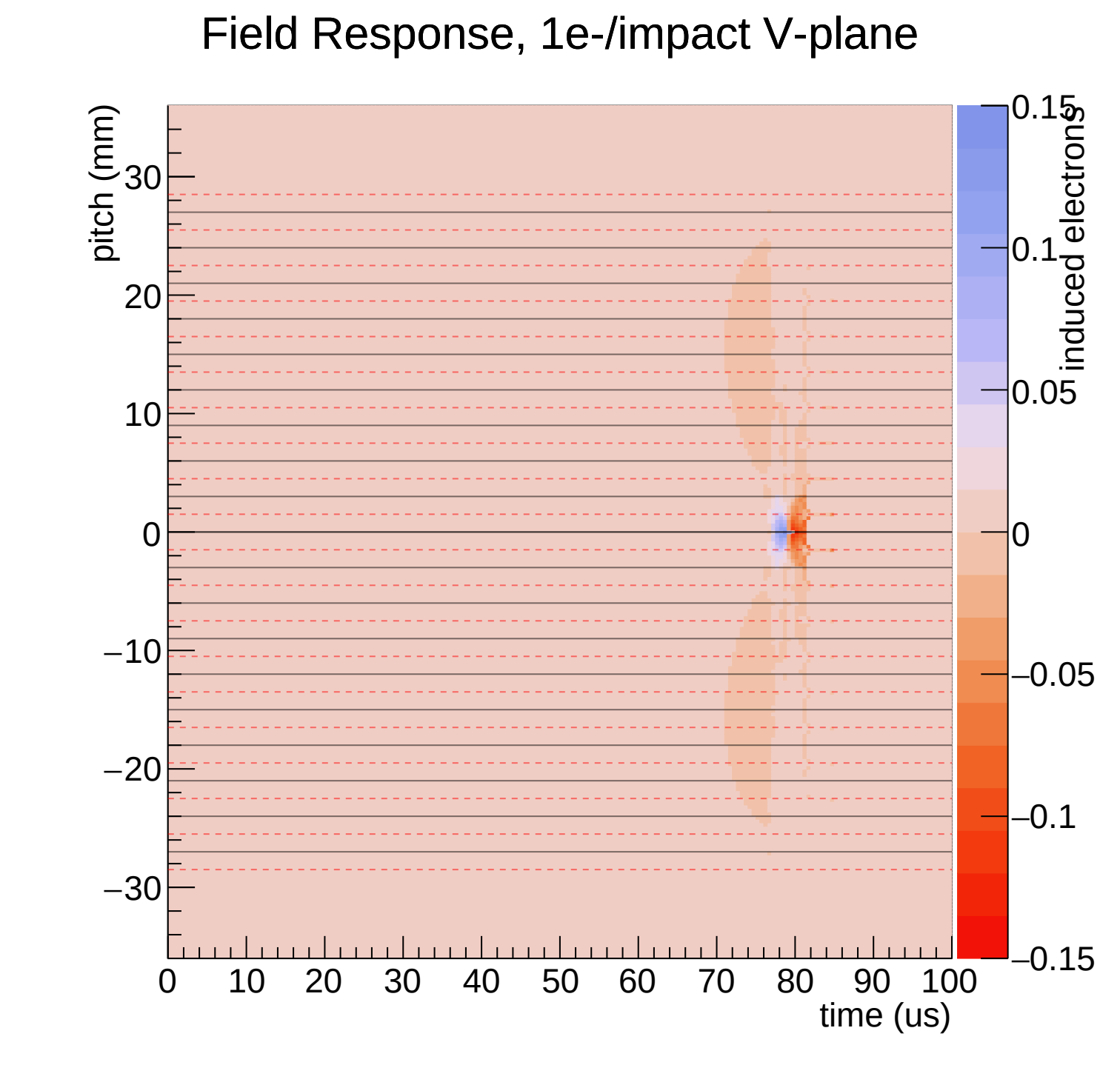
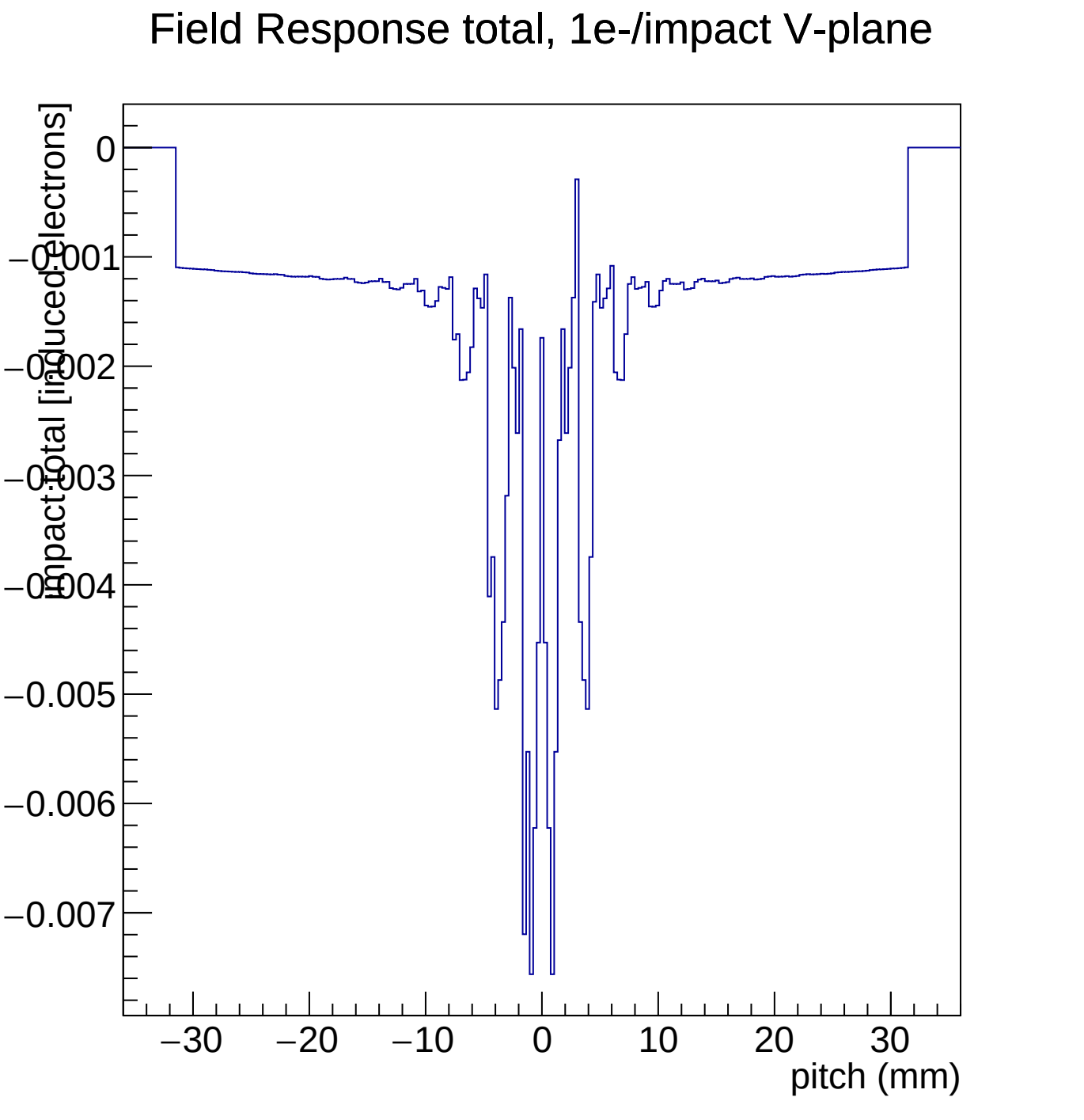

Field Response, 1e-/impact U-plane
pitch (mm)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90
100
time (us)
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
induced electrons

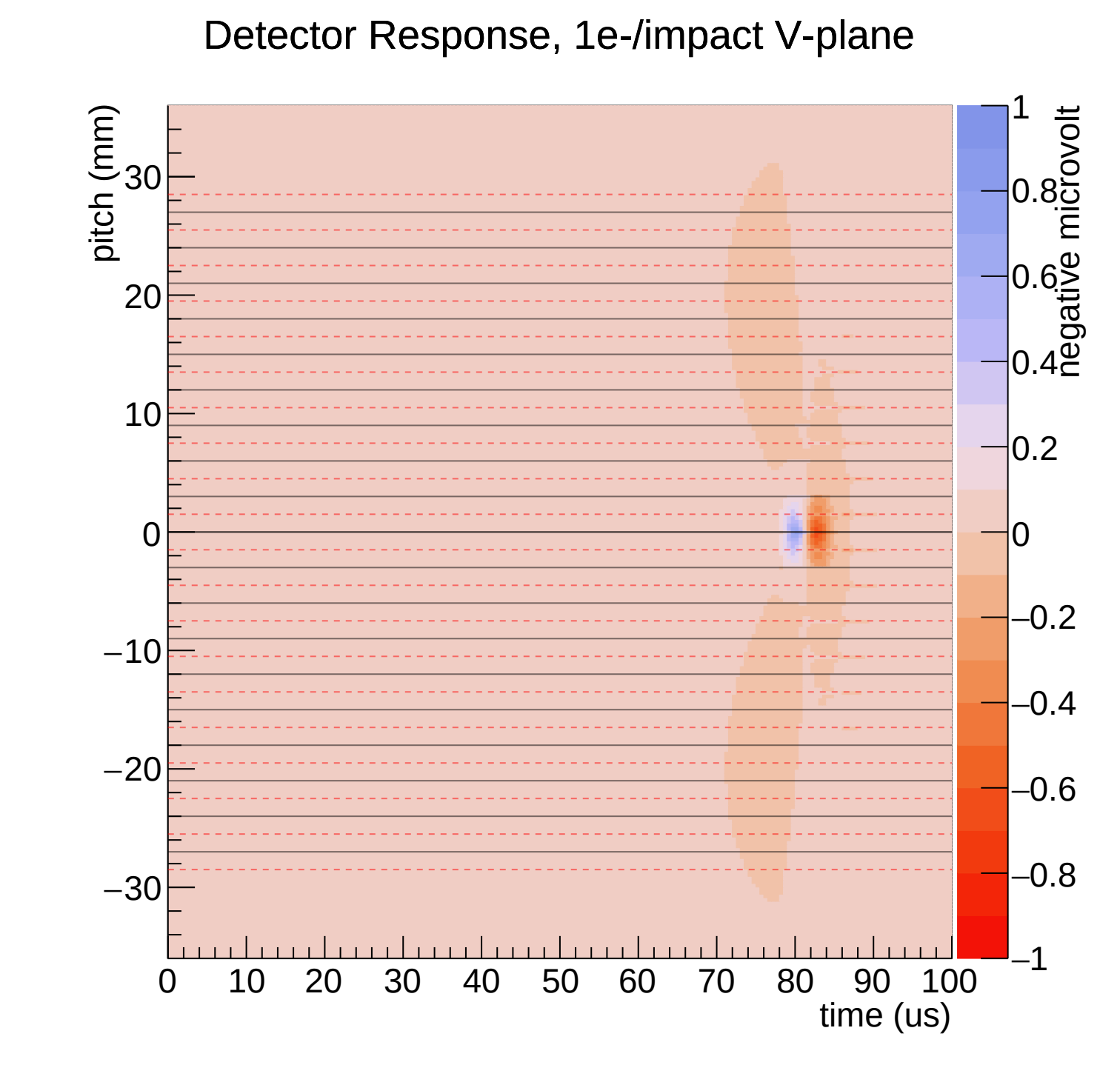

Field Response total, 1e-/impact U-plane
impact[total [induced electrons]
0
−0.001
−0.002
−0.003
−0.004
−0.005
−0.006
−0.007
−30
−20
−10
0
10
20
30
pitch (mm)

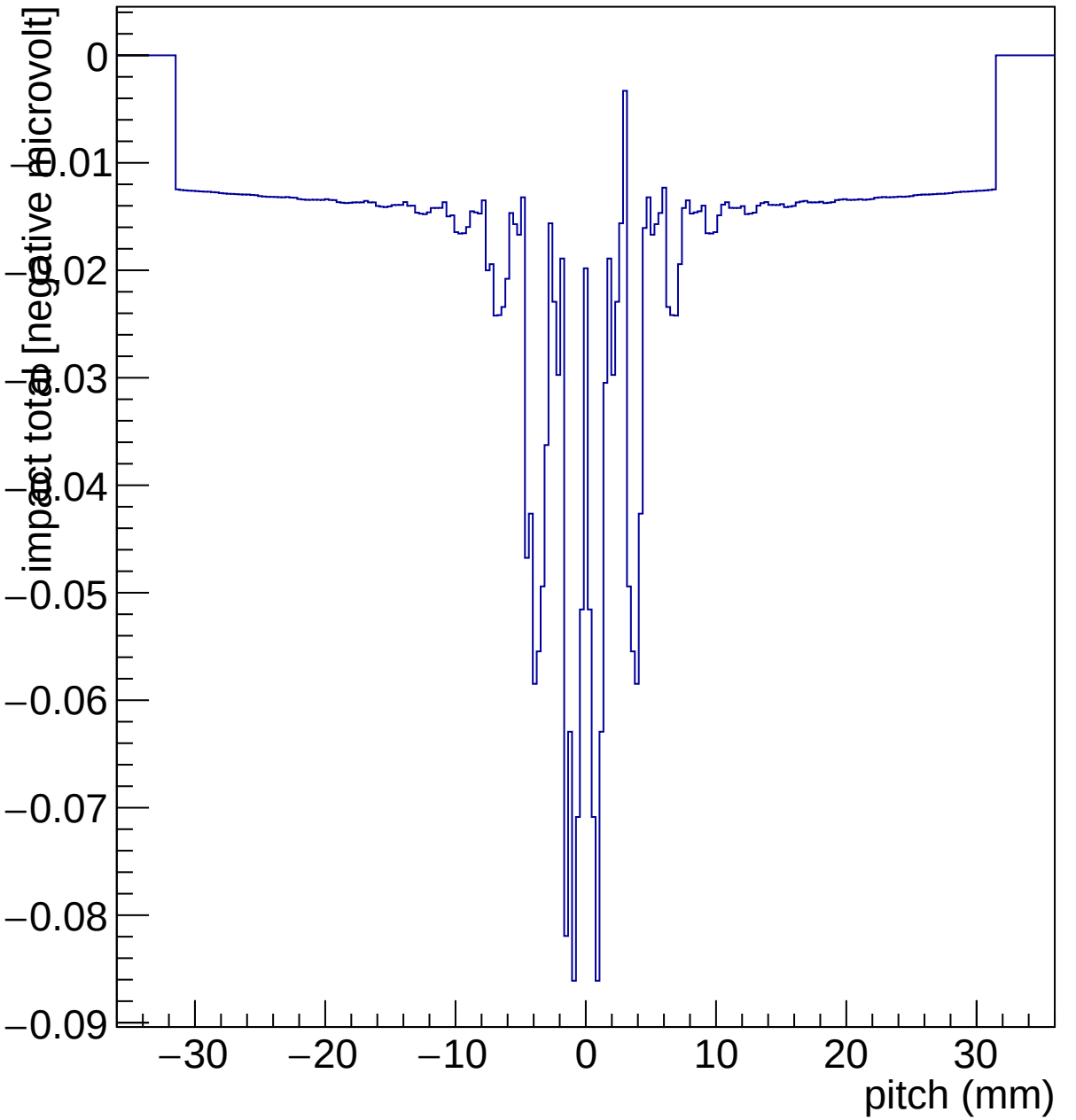

Detector Response, 1e-/impact U-plane
pitch (mm)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90
100
time (us)
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
negative microvolt

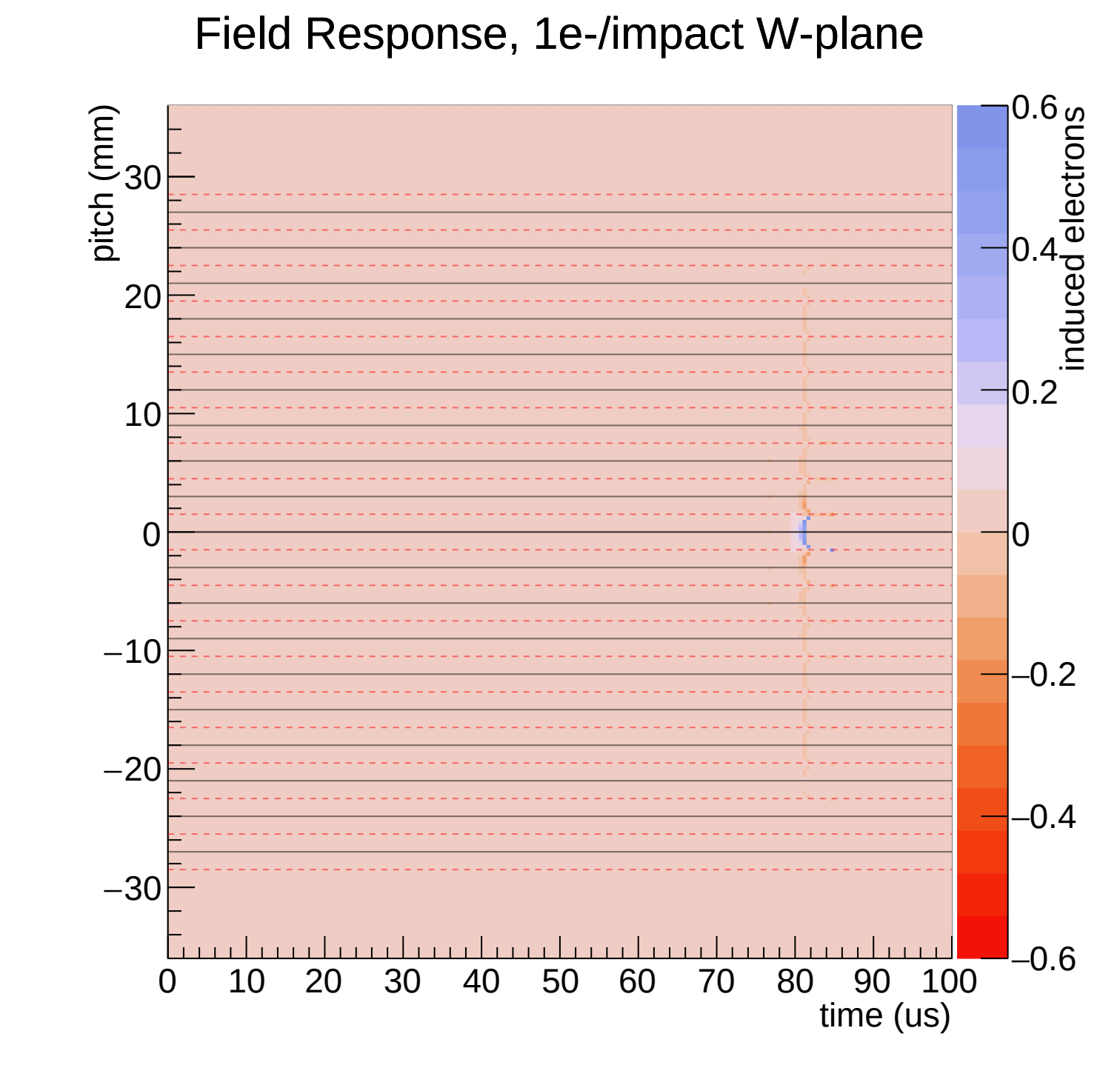

Detector Response total, 1e-/impact U-plane
impact total [negative microvolt]
0
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.08
−30
−20
−10
0
10
20
30
pitch (mm)

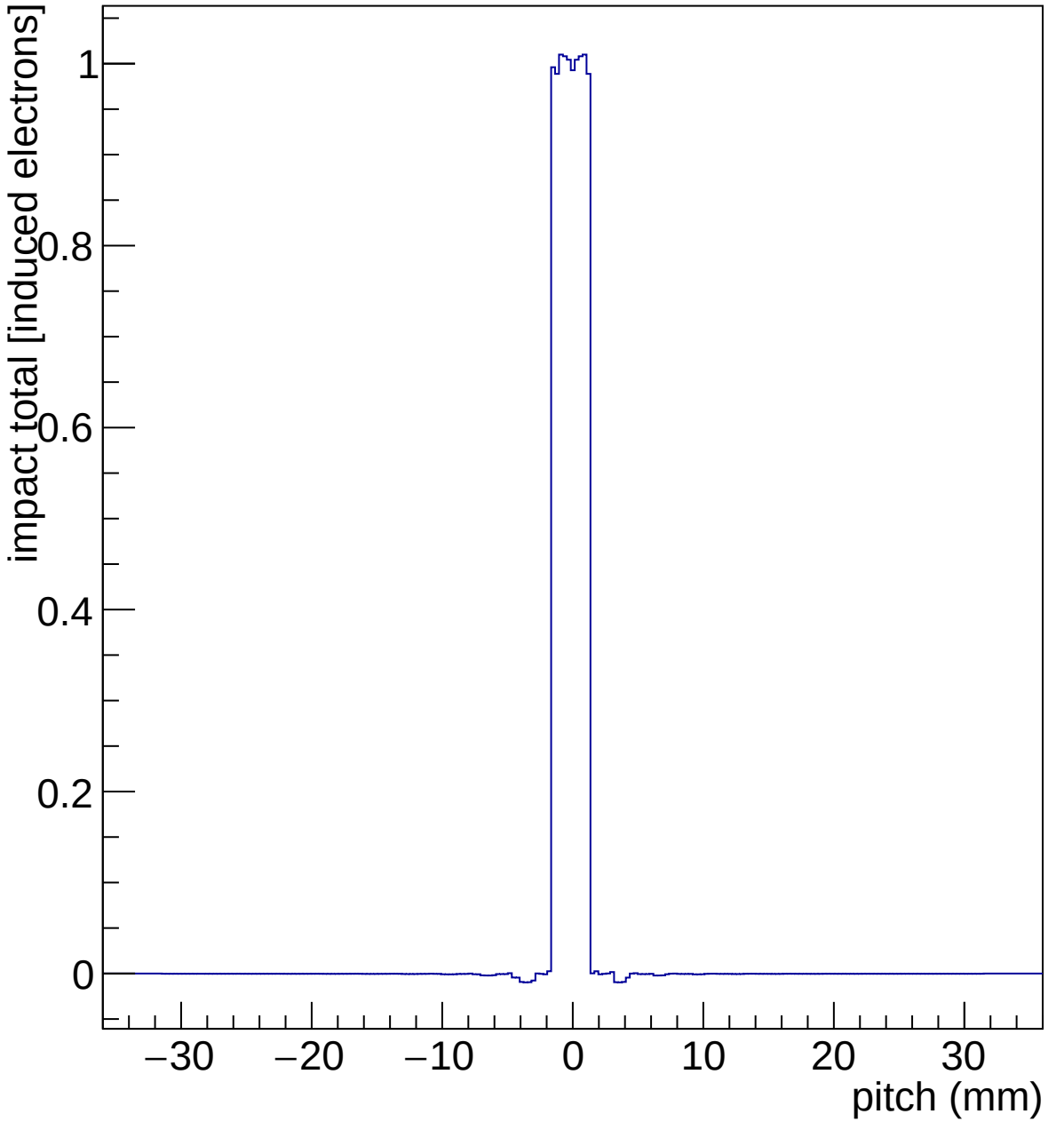

Field Response, 1e-/impact V-plane
pitch (mm)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90
100
time (us)
induced electrons
0.15
0.1
0.05
0
−0.05
−0.1
−0.15

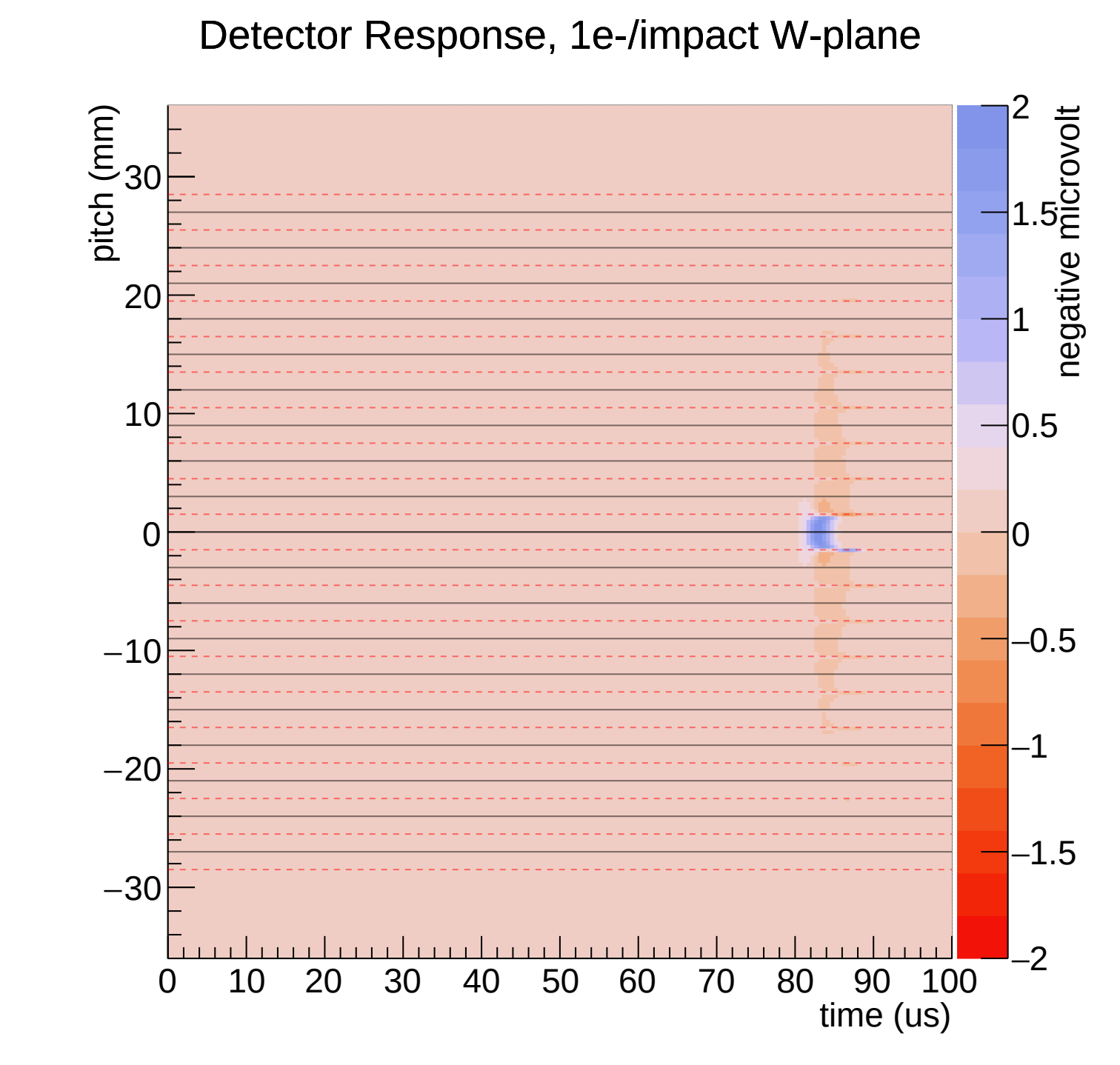

Field Response total, 1e-/impact V-plane
impact:total [induced electrons]
0
−0.001
−0.002
−0.003
−0.004
−0.005
−0.006
−0.007
−30
−20
−10
0
10
20
30
pitch (mm)

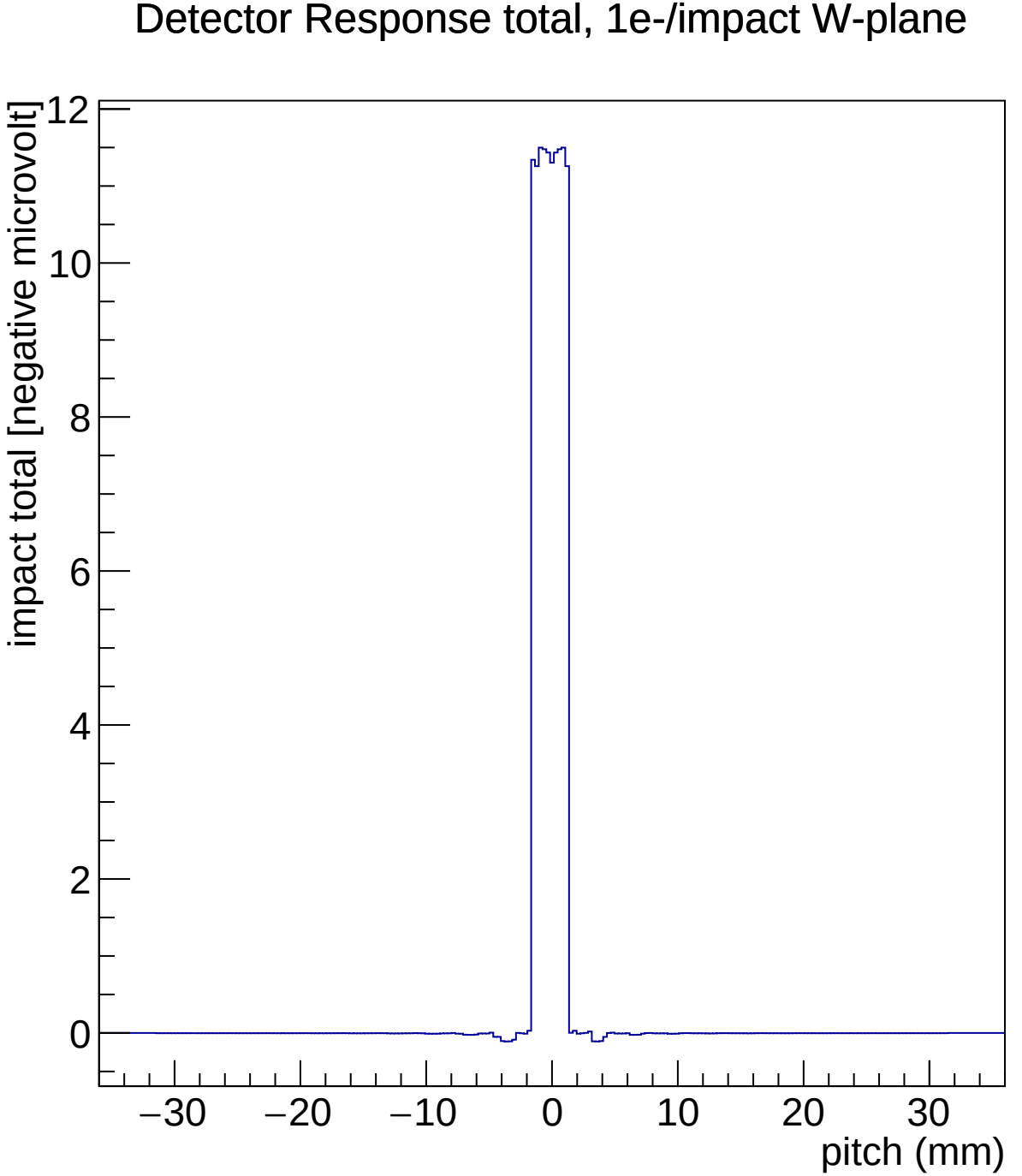

Detector Response, 1e-/impact V-plane
pitch (mm)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90
100
time (us)
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
negative microvolt


Detector Response total, 1e-/impact V-plane
impact total [negative microvolt]
0
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.08
−0.09
−30
−20
−10
0
10
20
30
pitch (mm)


Field Response, 1e-/impact W-plane
pitch (mm)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90
100
time (us)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
induced electrons


Field Response total, 1e-/impact W-plane
impact total [induced electrons]
1
0.8
0.6
0.4
0.2
0
−30
−20
−10
0
10
20
30
pitch (mm)


Detector Response, 1e-/impact W-plane
pitch (mm)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90
100
time (us)
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
negative microvolt


Detector Response total, 1e-/impact W-plane
impact total [negative microvolt]
12
10
8
6
4
2
0
−30
−20
−10
0
10
20
30
pitch (mm)