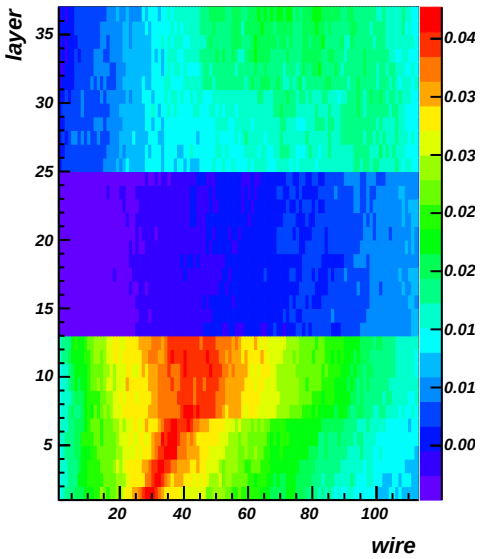
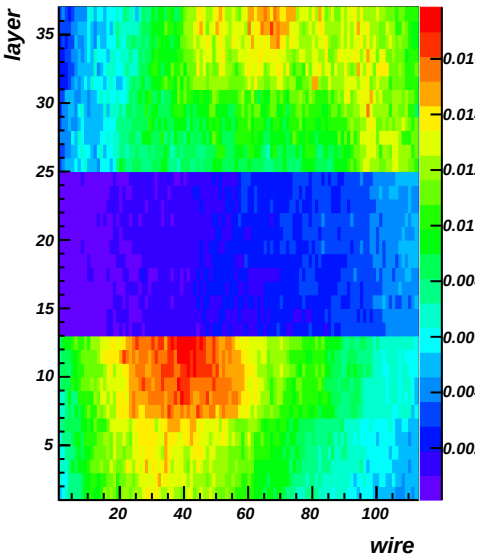
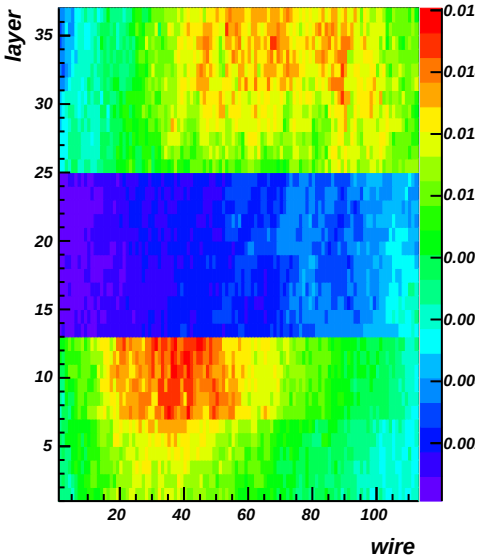
DC Occ. E > 50 eV Sector1



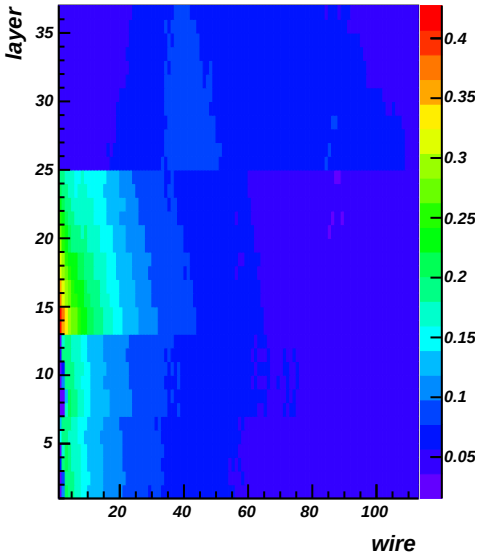
DC Occ. E > 50 eV Sector2



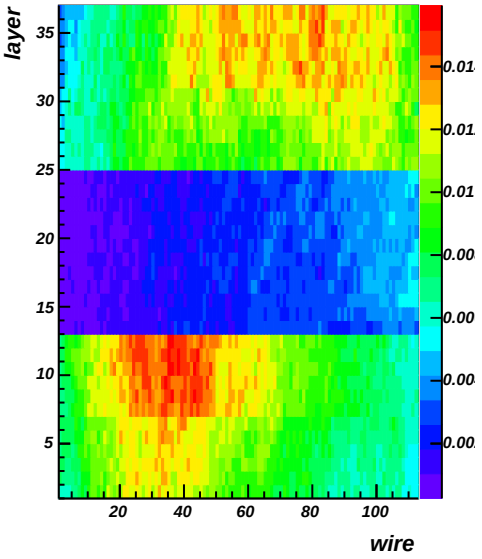
DC Occ. E > 50 eV Sector3



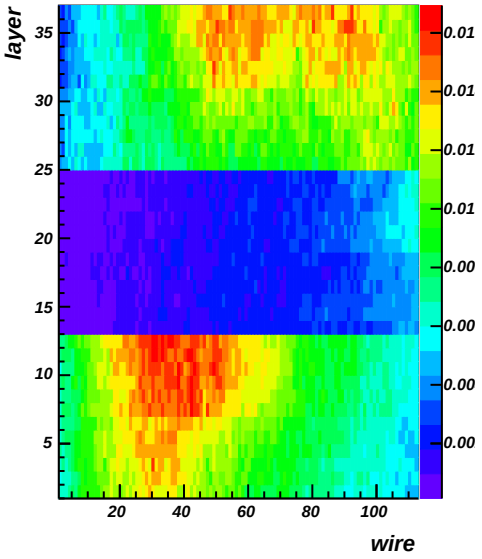
DC Occ. E > 50 eV Sector4



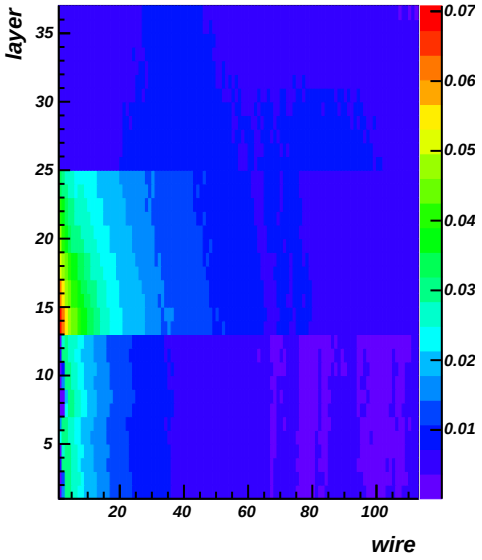
DC Occ. E > 50 eV Sector5

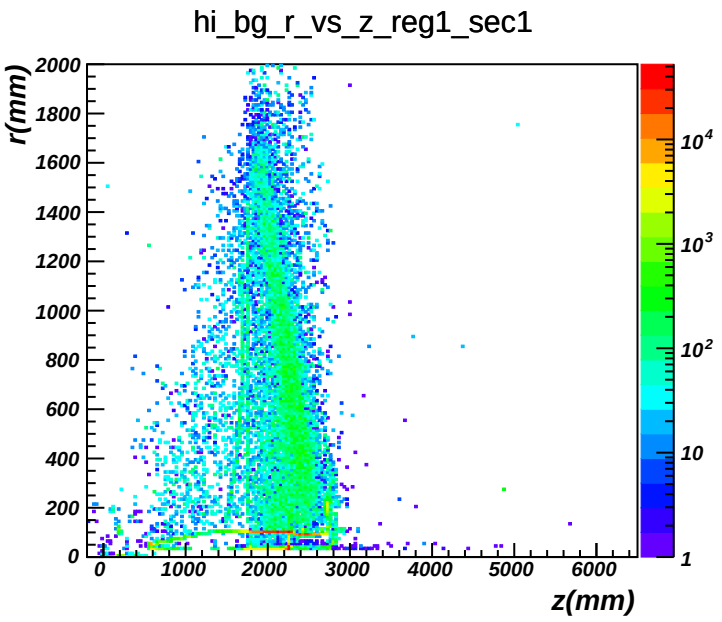


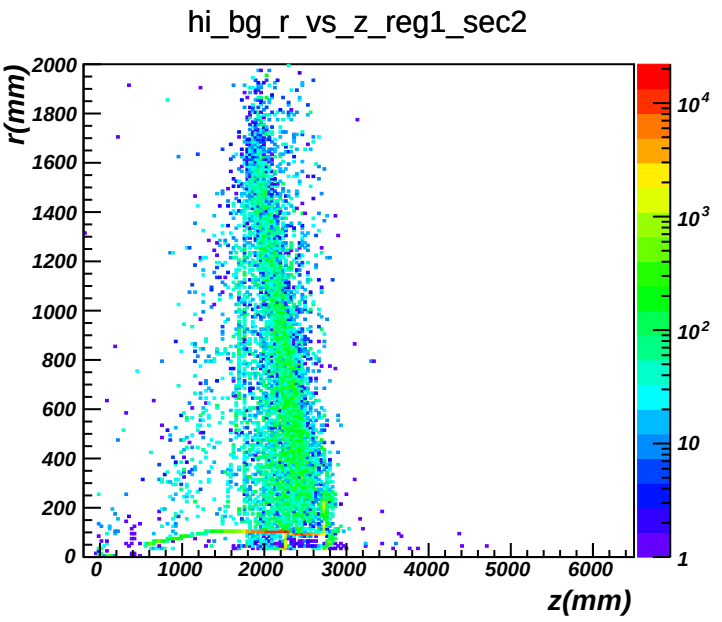
DC Occ. E > 50 eV Sector6

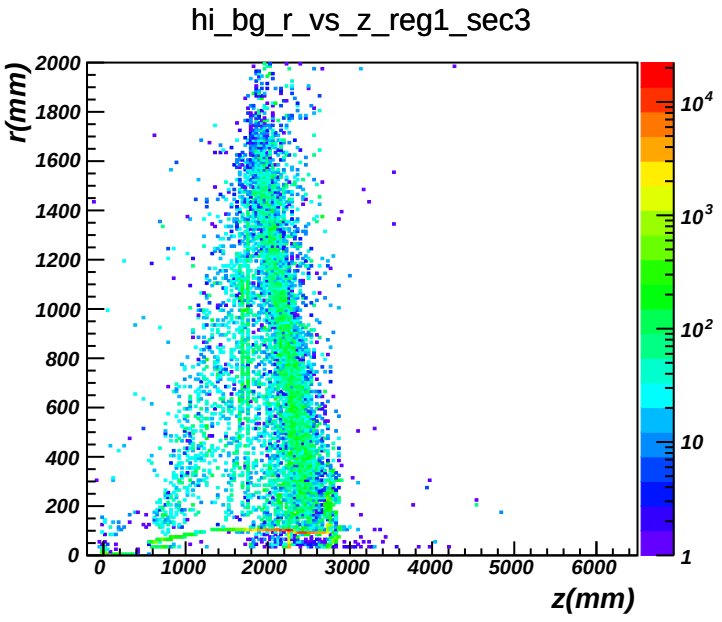


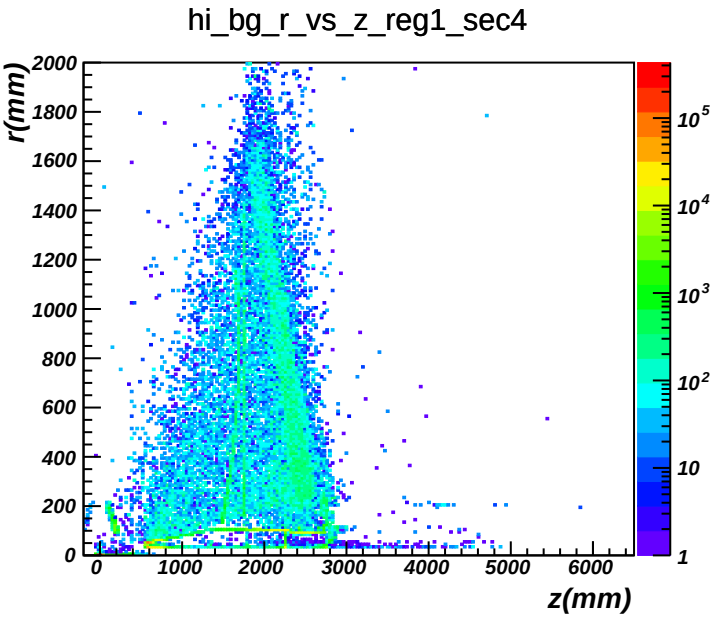
DC Occ. Target

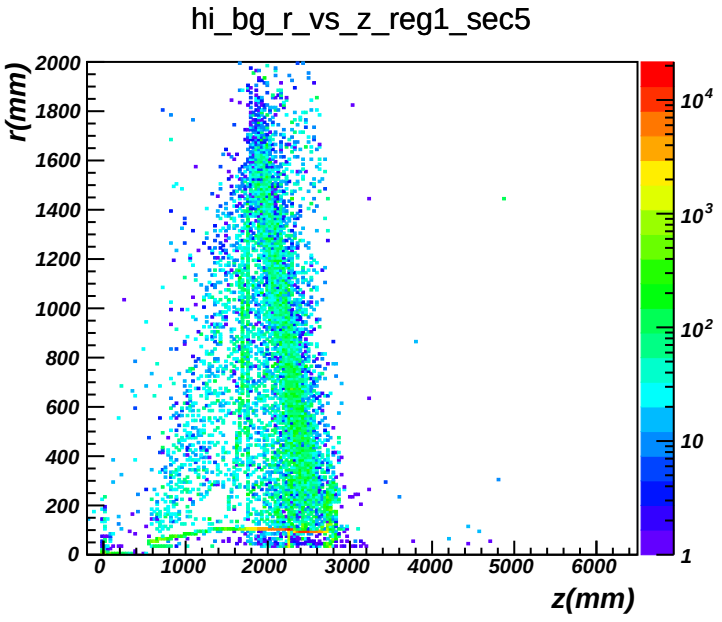


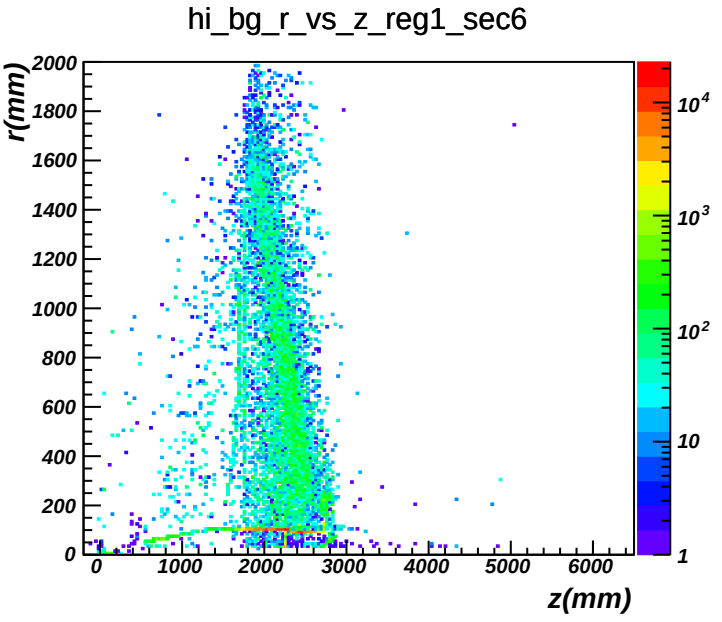

hi_bg_r_vs_z_reg1_sec1
r(mm)
z(mm)

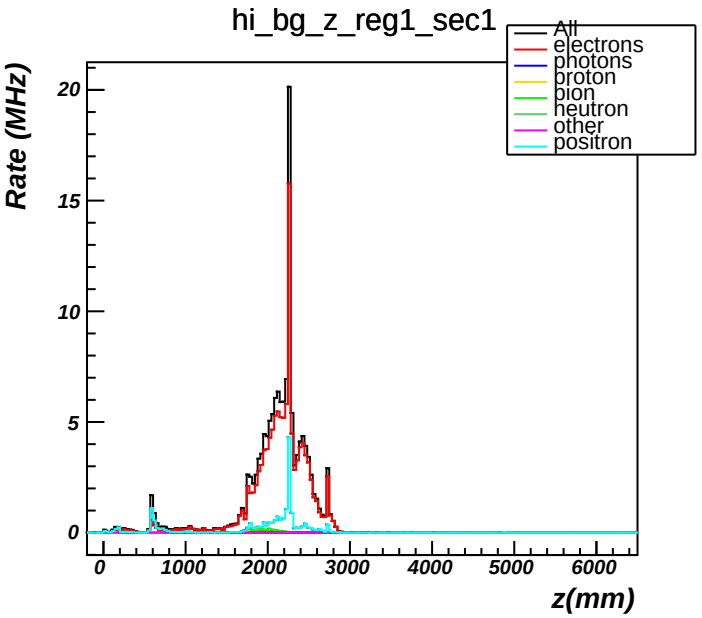

hi_bg_r_vs_z_reg1_sec2
r(mm)
z(mm)

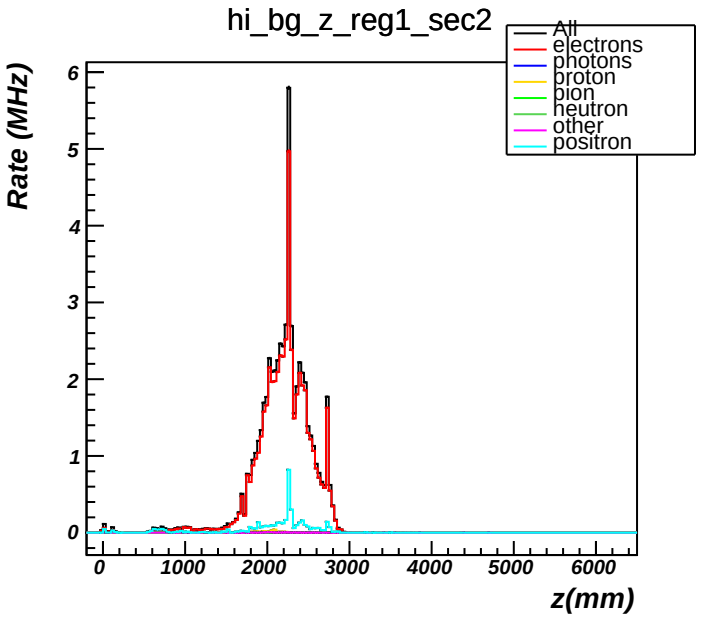

hi_bg_r_vs_z_reg1_sec3
r(mm)
z(mm)

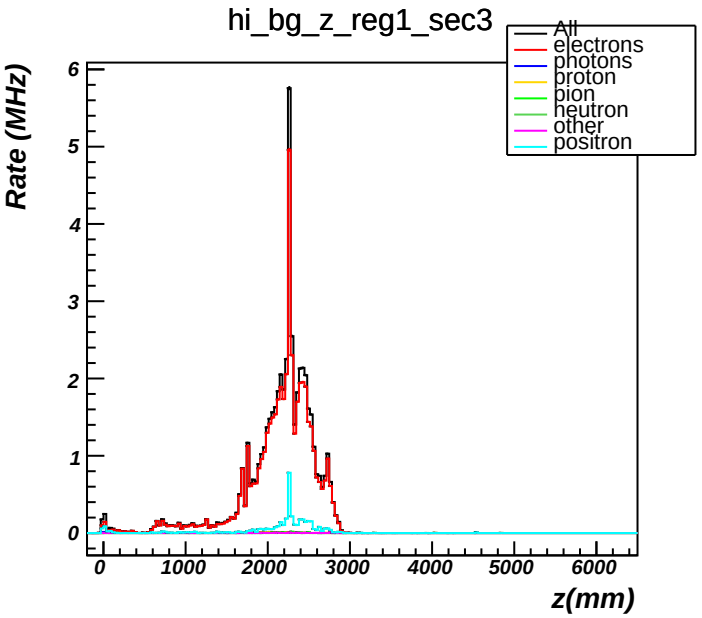

hi_bg_r_vs_z_reg1_sec4
r(mm)
z(mm)

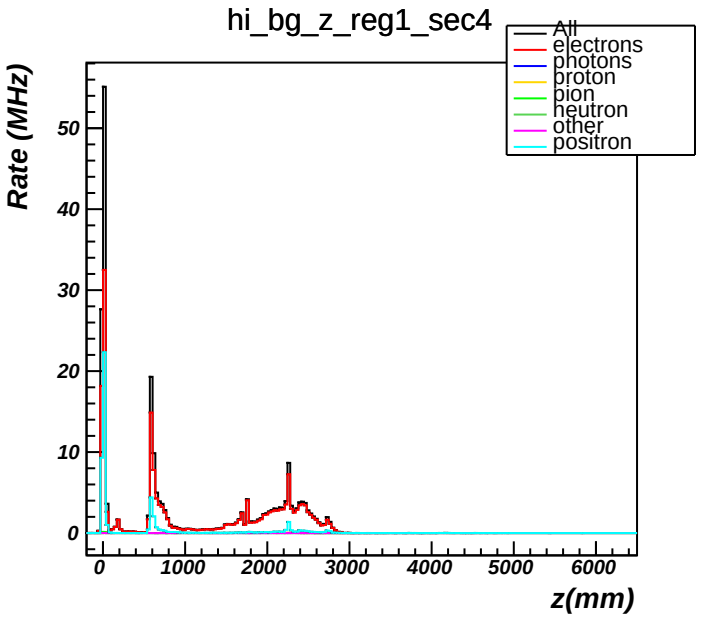

hi_bg_r_vs_z_reg1_sec5
r(mm)
z(mm)

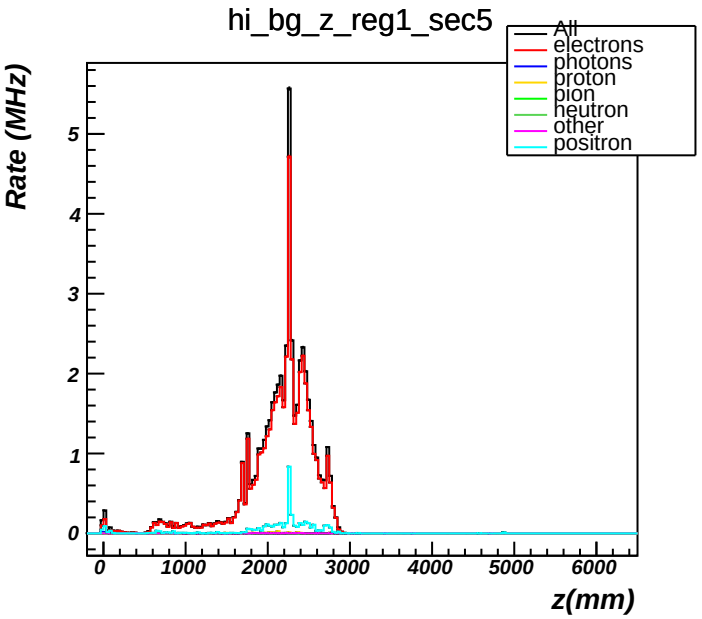

hi_bg_r_vs_z_reg1_sec6
r(mm)
z(mm)

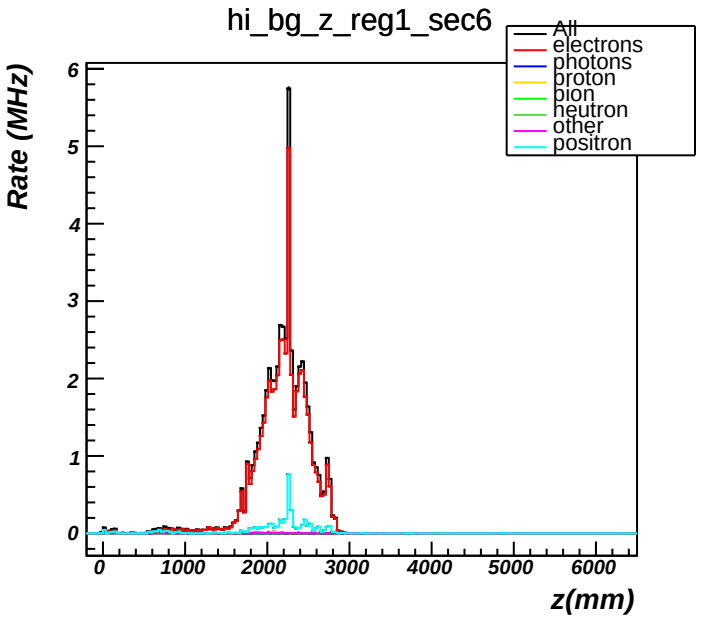

hi_bg_z_reg1_sec1
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

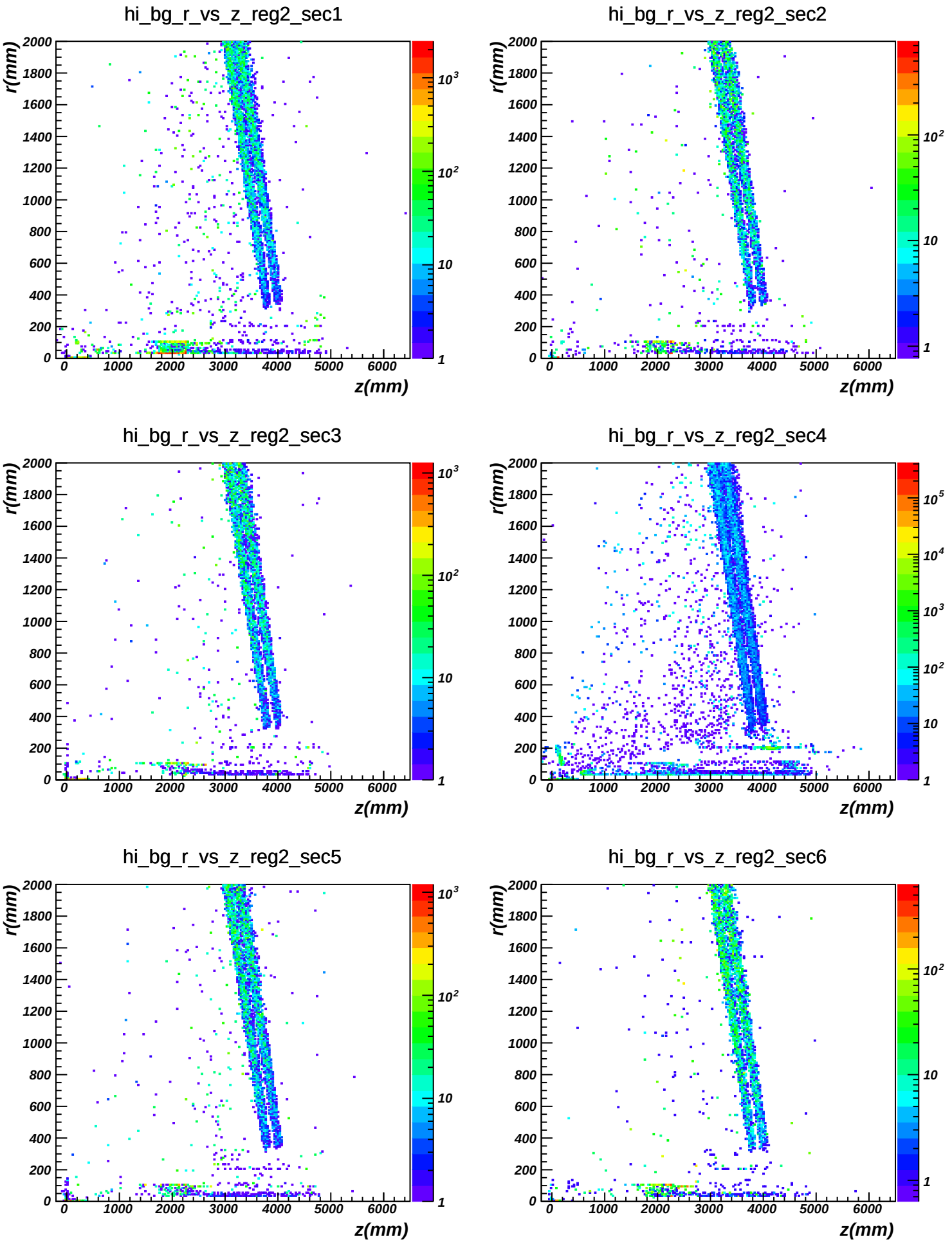

hi_bg_z_reg1_sec2
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

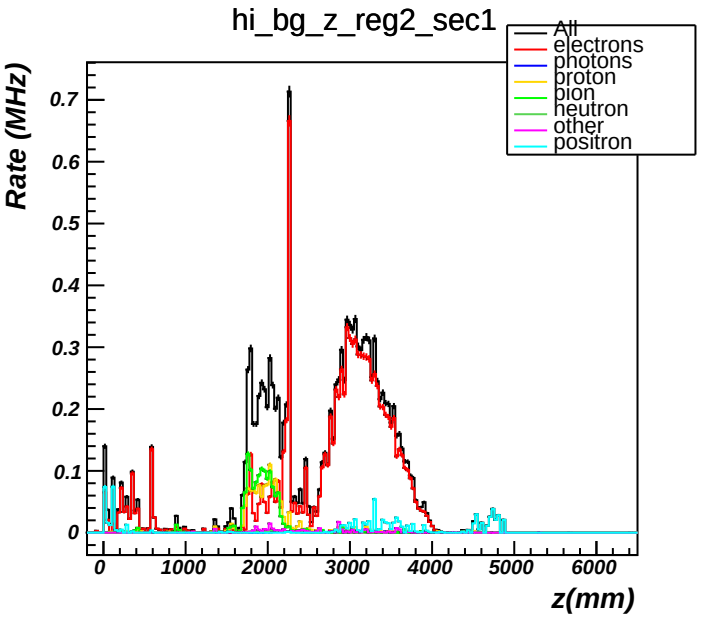

hi_bg_z_reg1_sec3
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

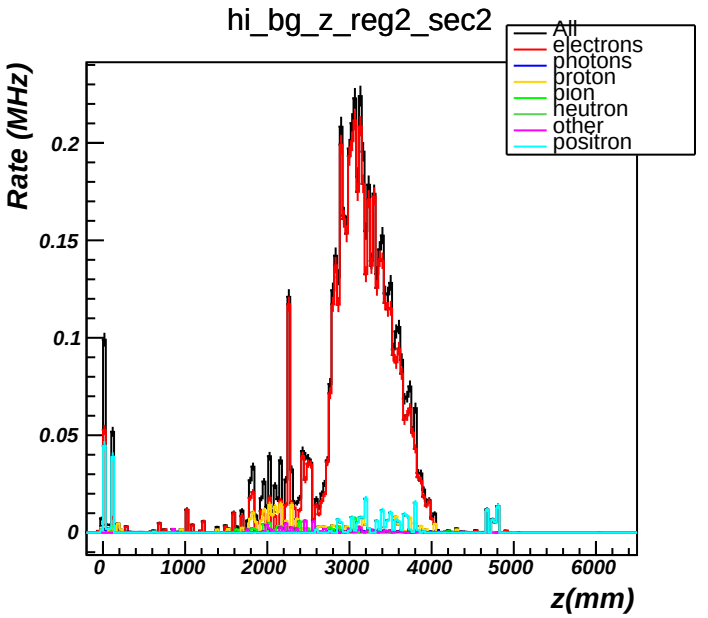

hi_bg_z_reg1_sec4
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

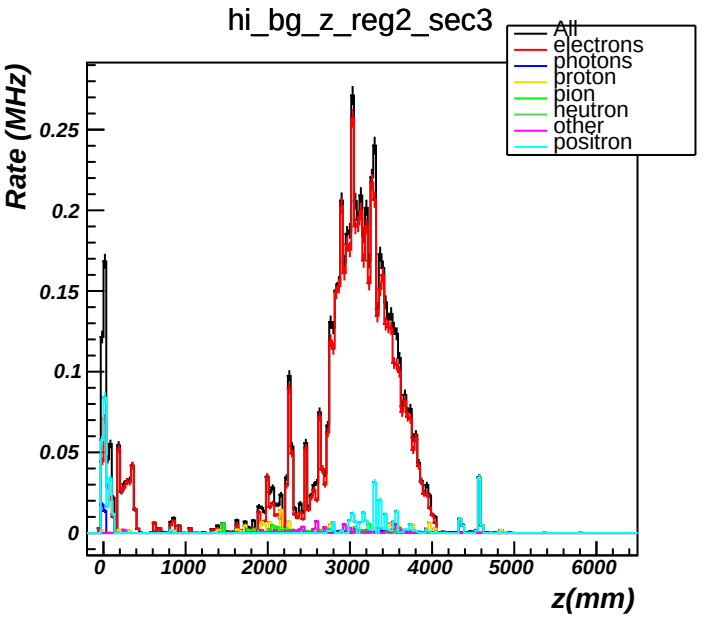

hi_bg_z_reg1_sec5
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

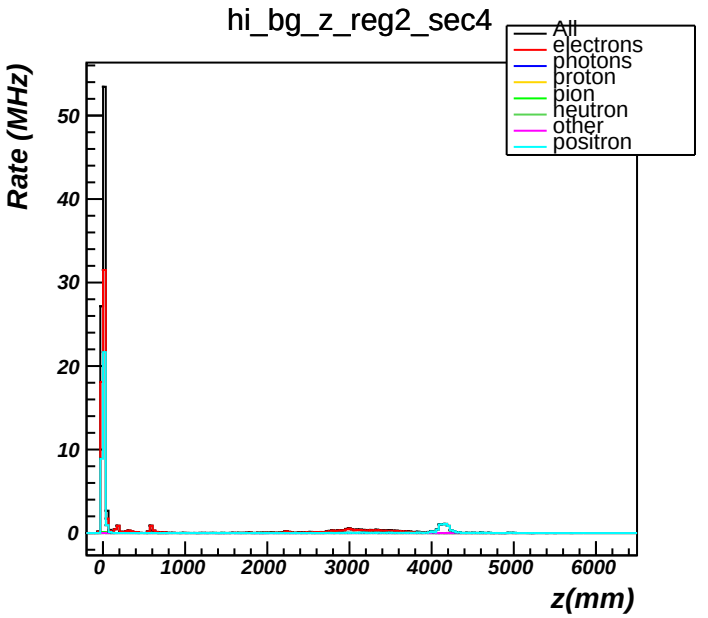

hi_bg_z_reg1_sec6
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

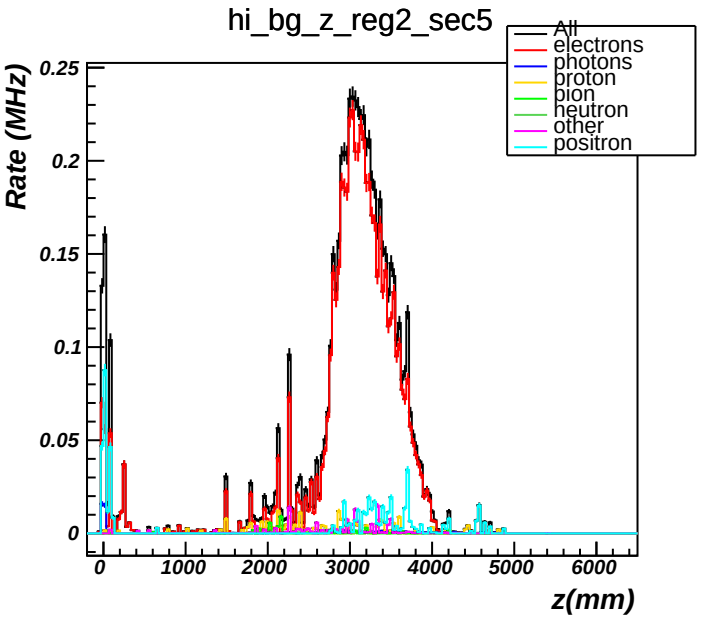

hi_bg_r_vs_z_reg2_sec1
hi_bg_r_vs_z_reg2_sec2
hi_bg_r_vs_z_reg2_sec3
hi_bg_r_vs_z_reg2_sec4
hi_bg_r_vs_z_reg2_sec5
hi_bg_r_vs_z_reg2_sec6
r(mm)
z(mm)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
1000
2000
3000
4000
5000
6000
1
10
10²
10³
10⁴
10⁵

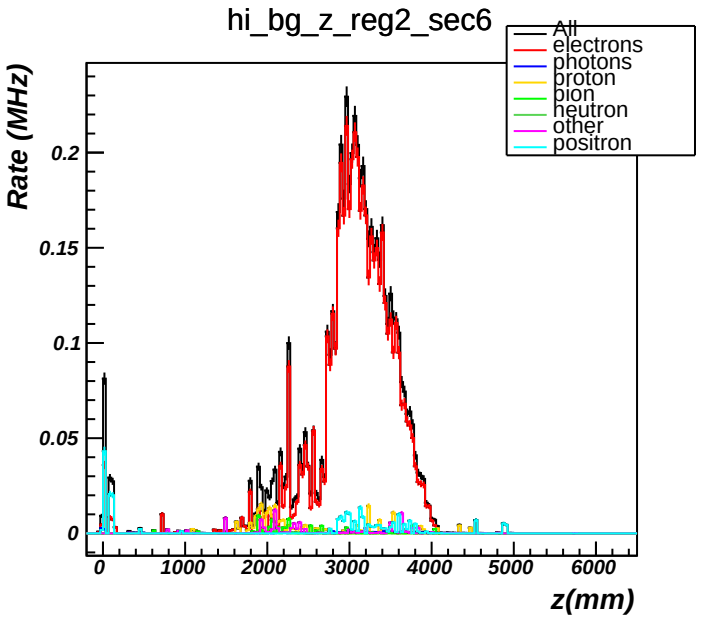

hi_bg_z_reg2_sec1
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

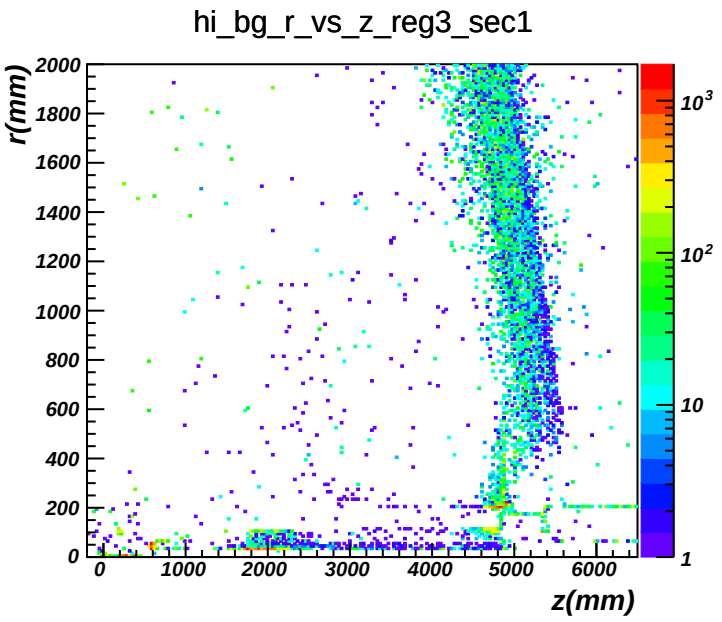

hi_bg_z_reg2_sec2
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

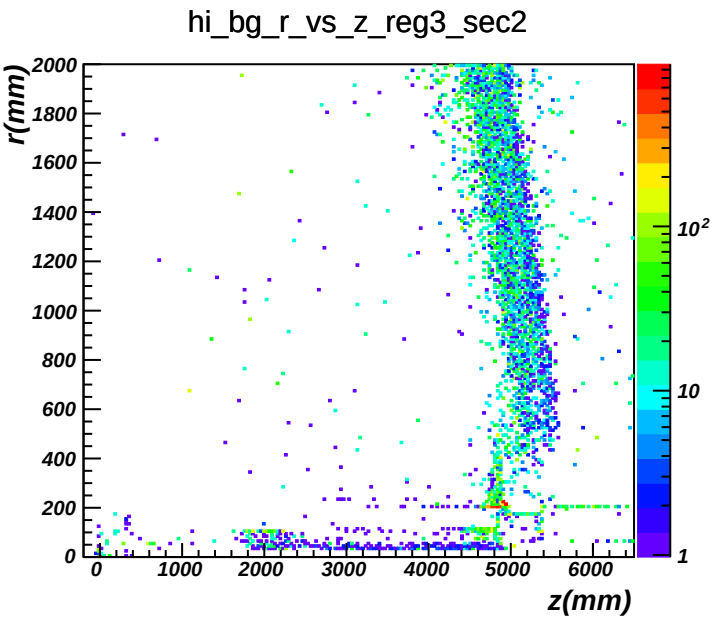

hi_bg_z_reg2_sec3
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

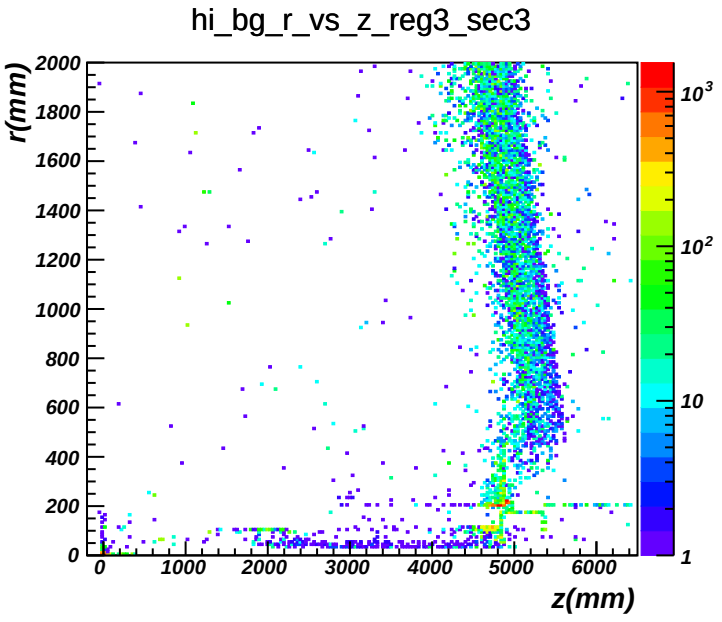

hi_bg_z_reg2_sec4
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

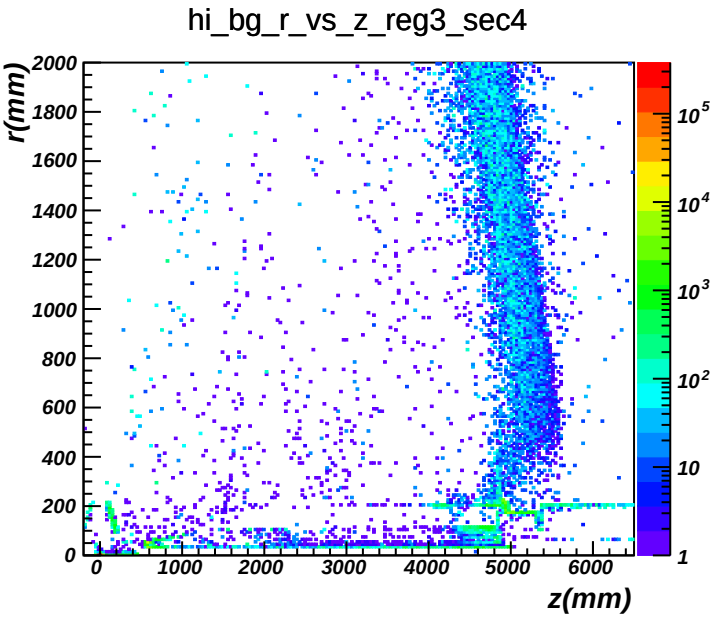

hi_bg_z_reg2_sec5
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

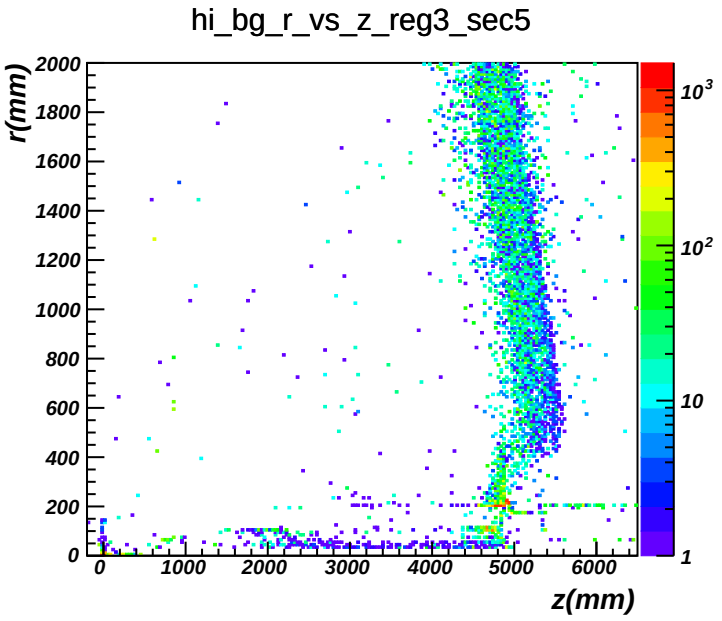

hi_bg_z_reg2_sec6
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

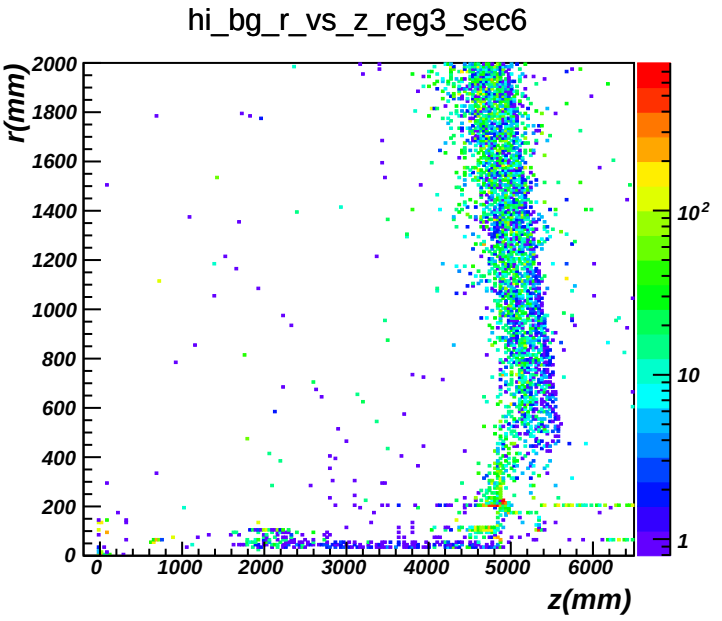

hi_bg_r_vs_z_reg3_sec1
r(mm)
z(mm)

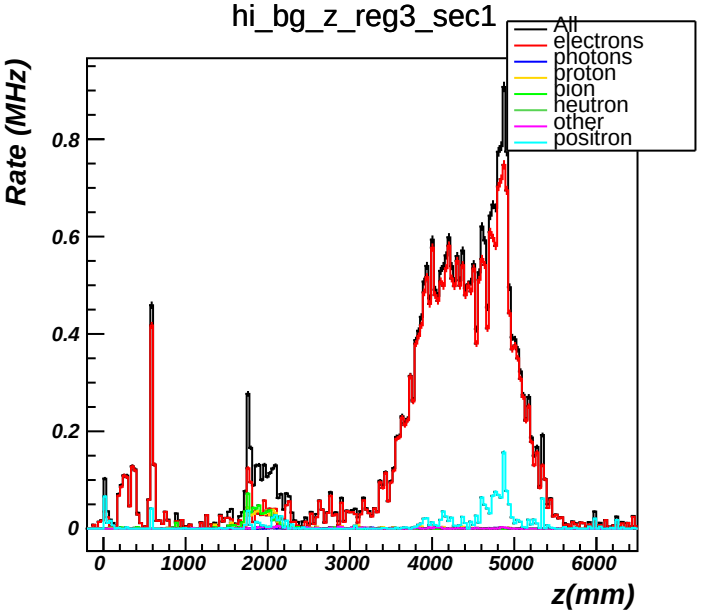

hi_bg_r_vs_z_reg3_sec2
r(mm)
z(mm)

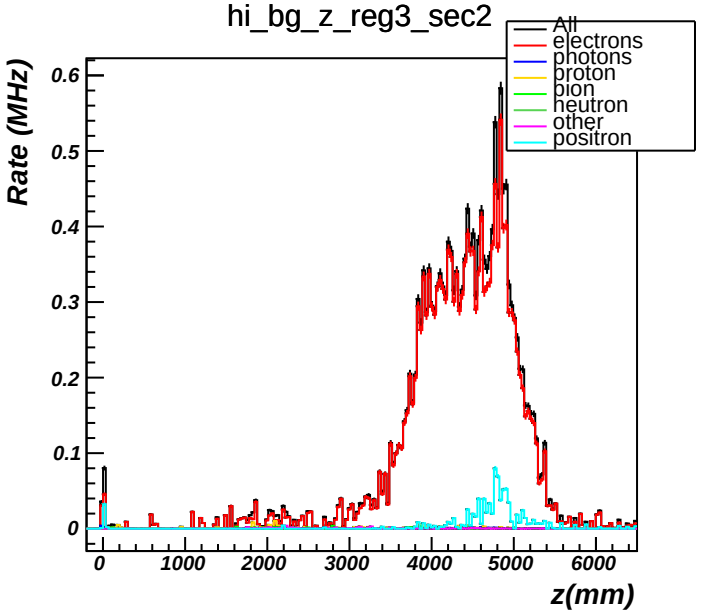

hi_bg_r_vs_z_reg3_sec3
r(mm)
z(mm)

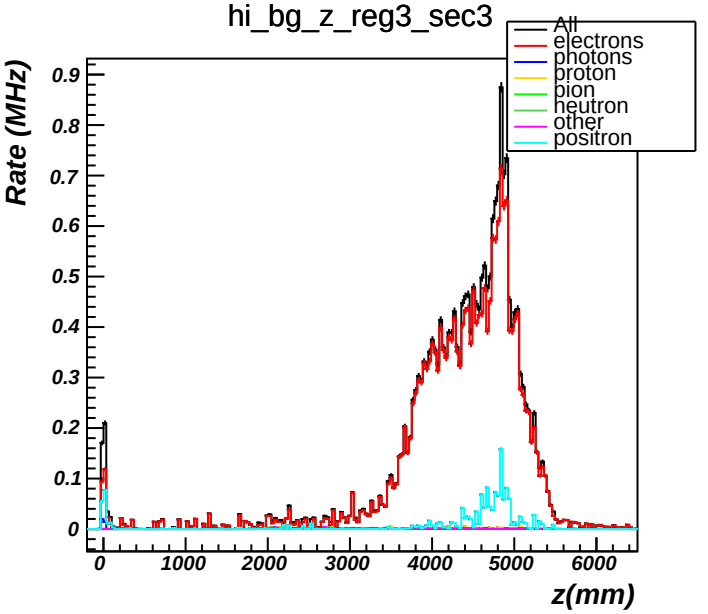

hi_bg_r_vs_z_reg3_sec4
r(mm)
z(mm)

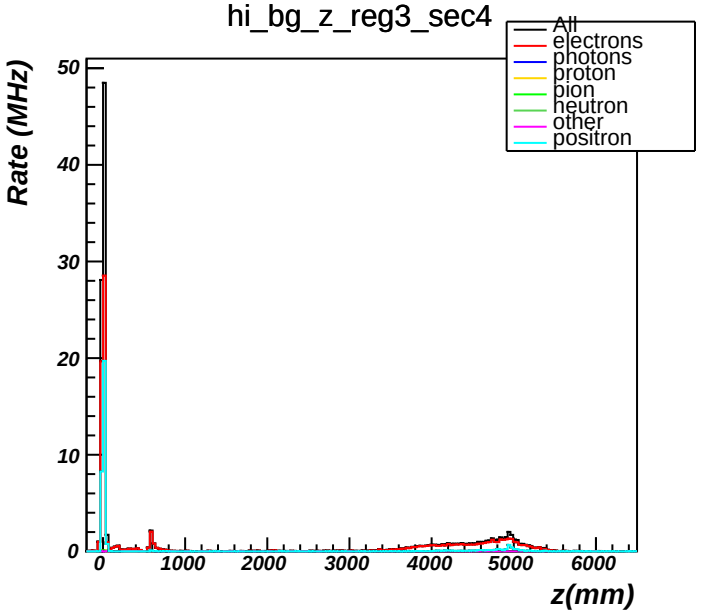

hi_bg_r_vs_z_reg3_sec5
r(mm)
z(mm)

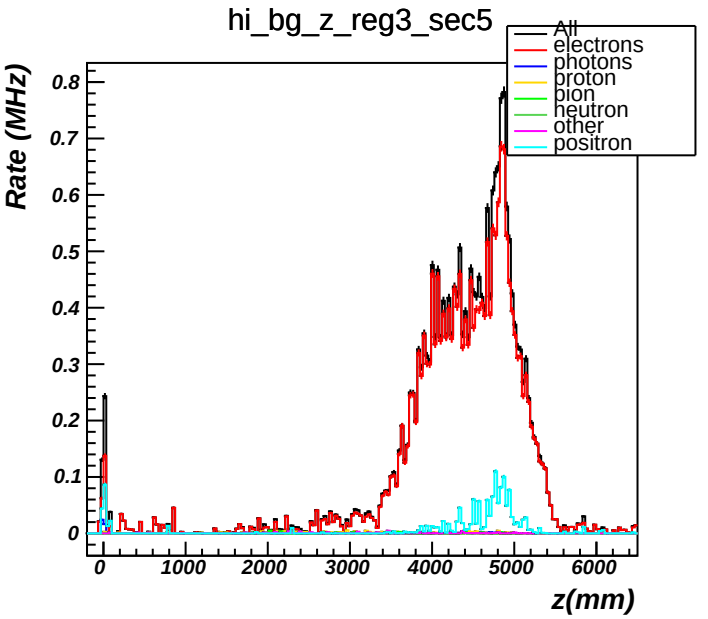

hi_bg_r_vs_z_reg3_sec6
r(mm)
z(mm)

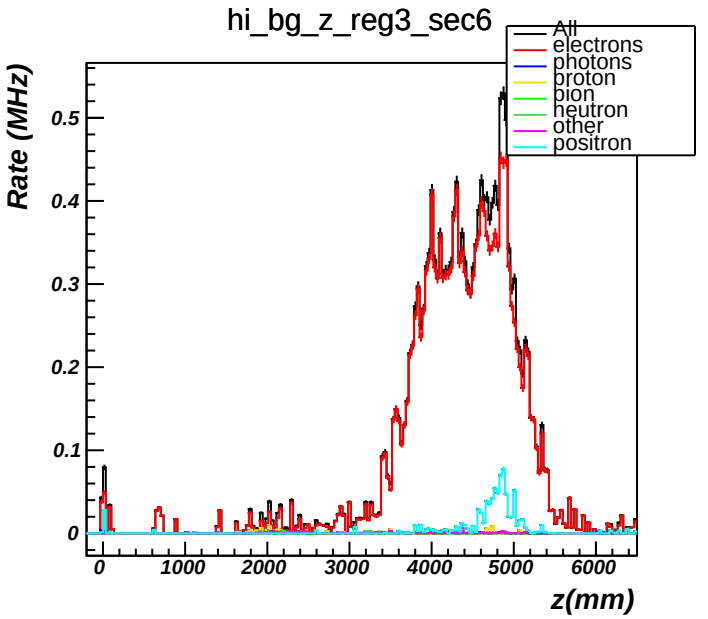

hi_bg_z_reg3_sec1
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

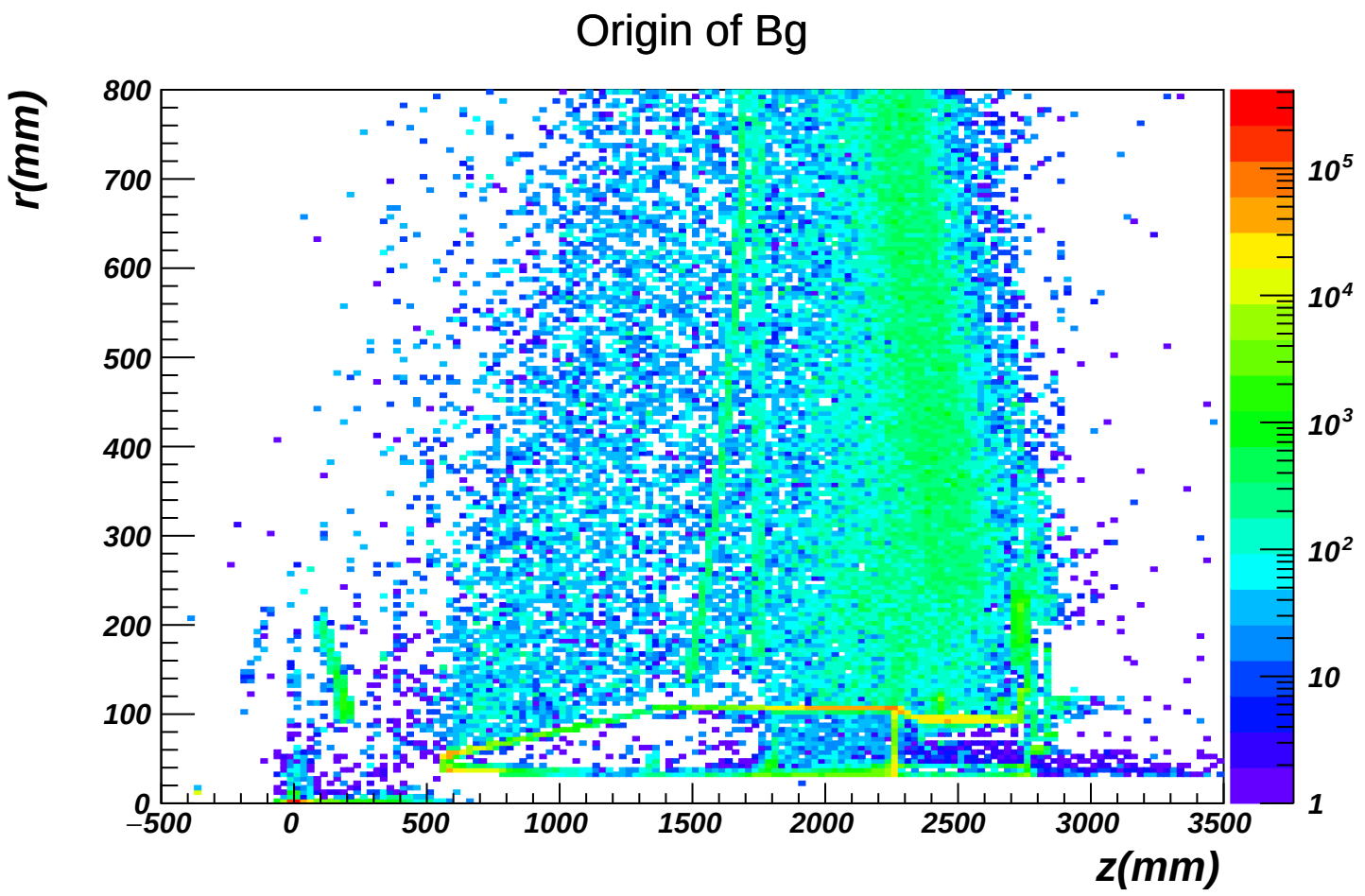

hi_bg_z_reg3_sec2
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

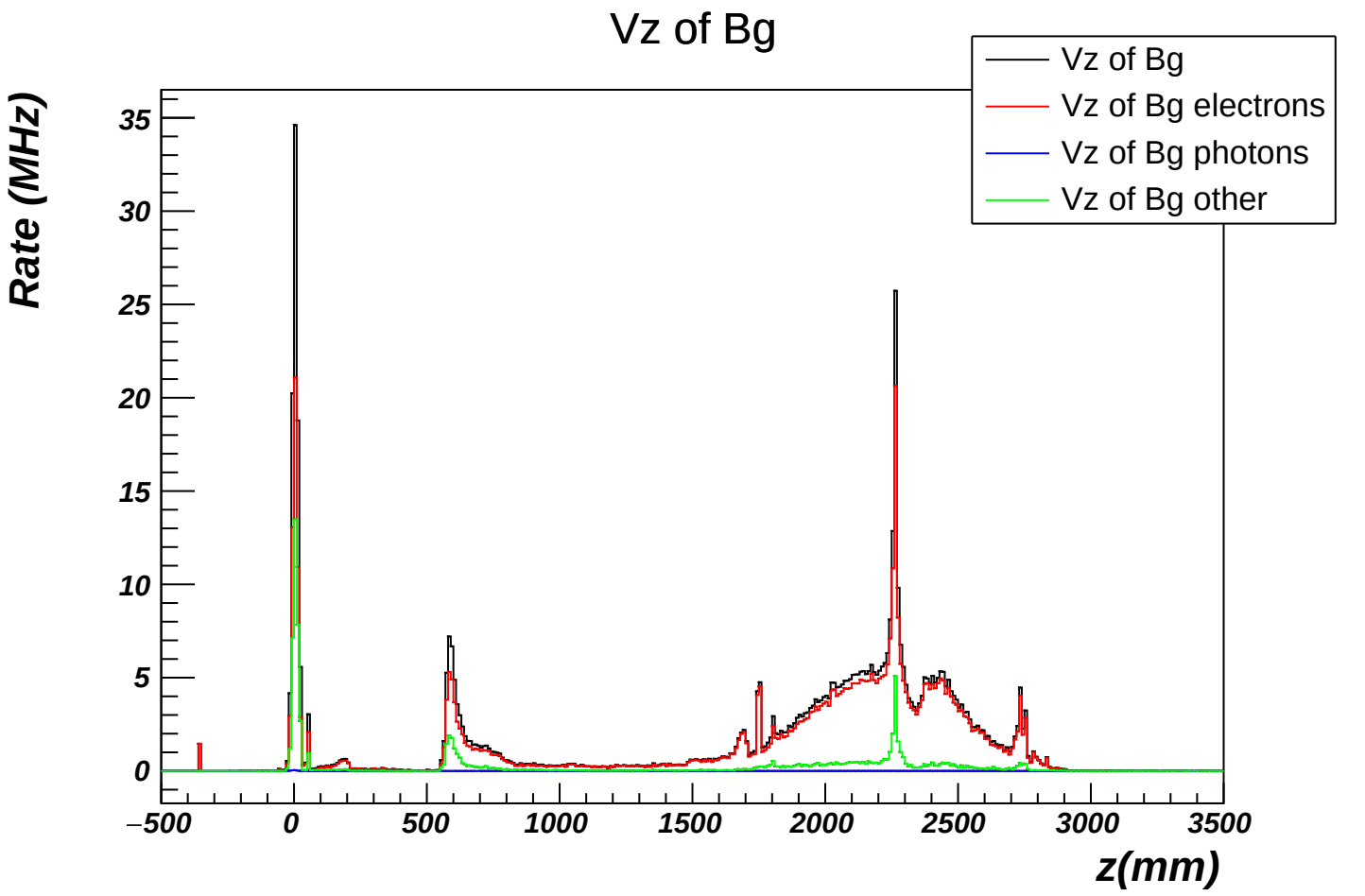

hi_bg_z_reg3_sec3
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

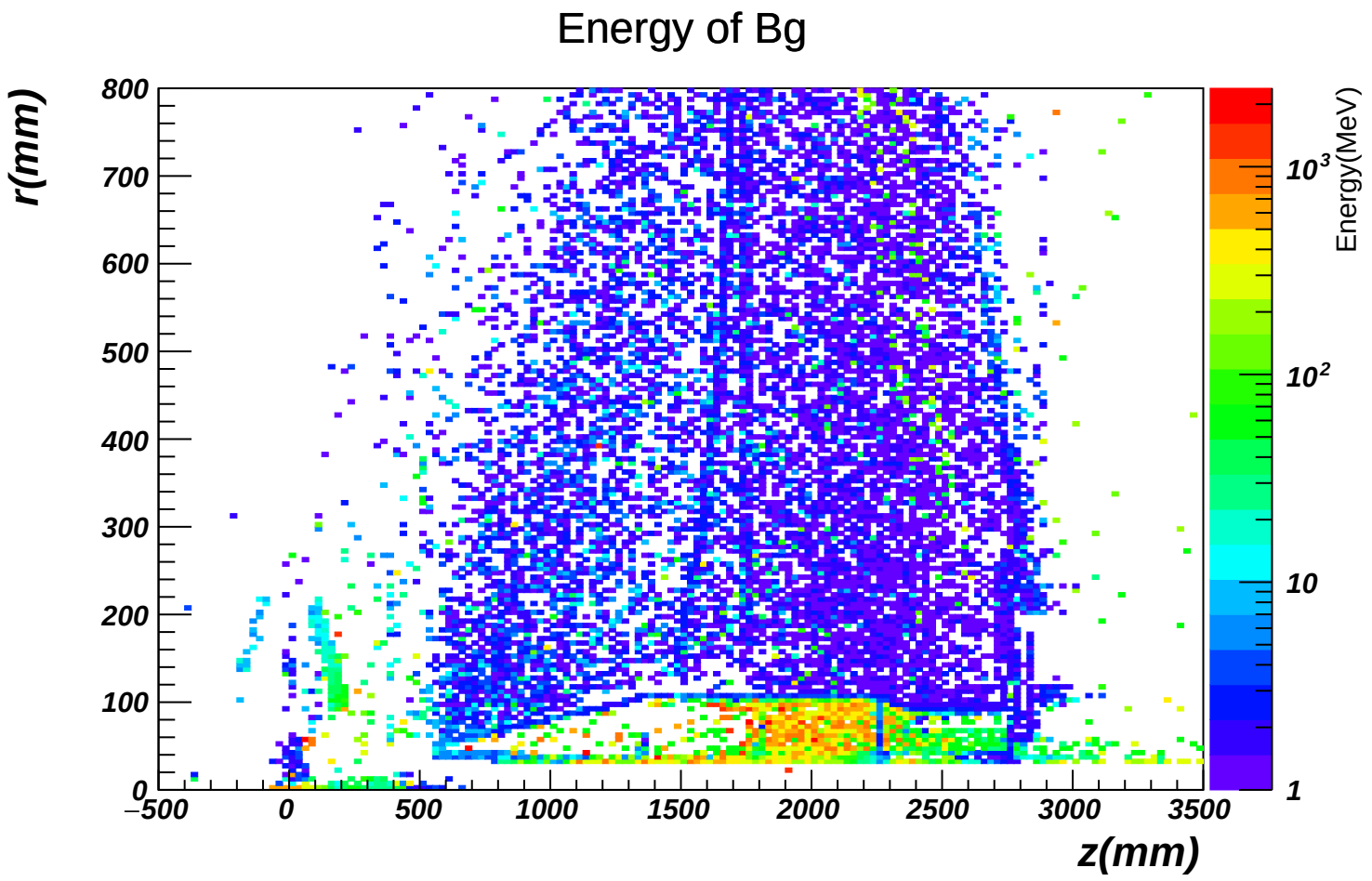

hi_bg_z_reg3_sec4
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

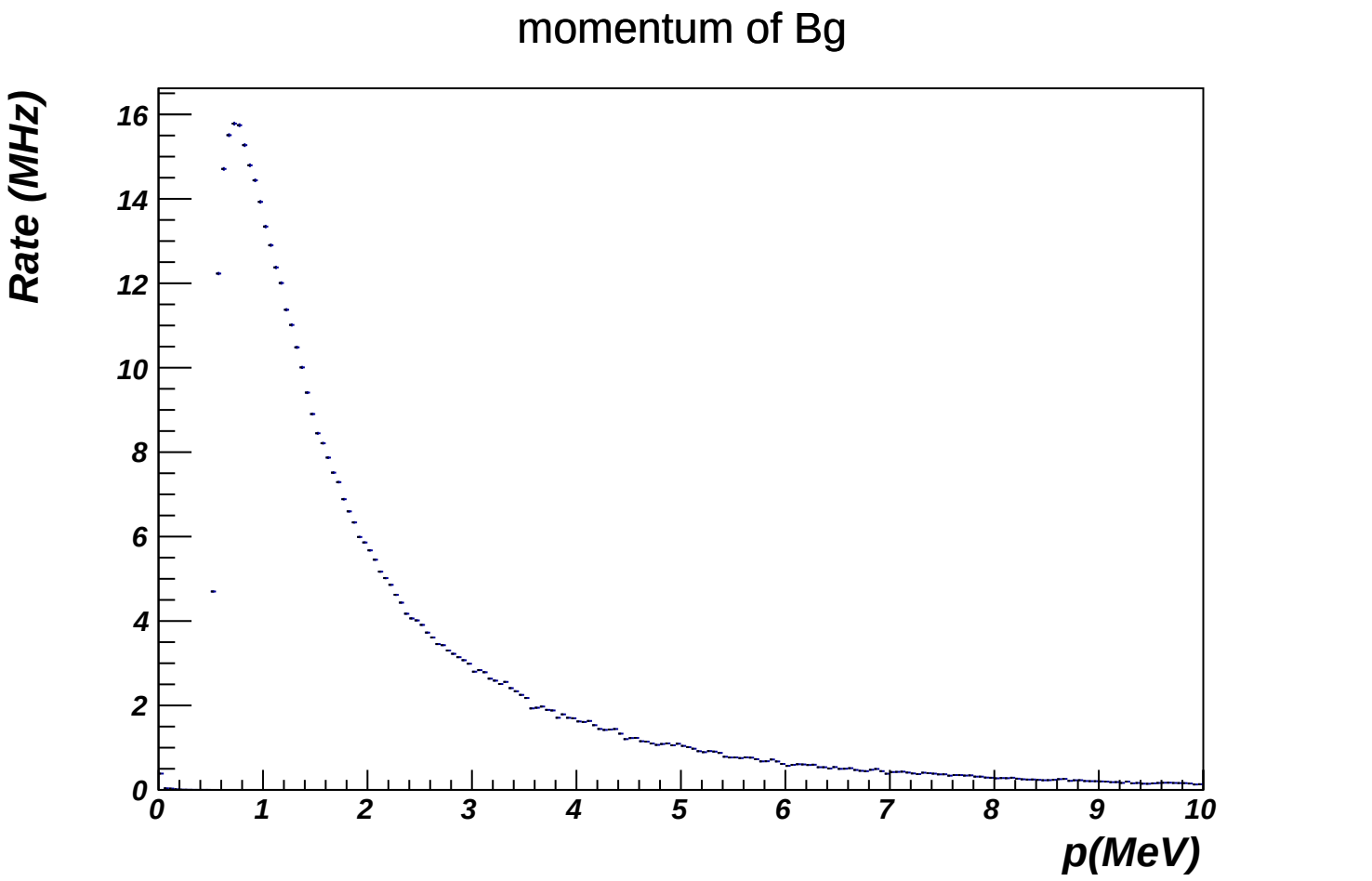

hi_bg_z_reg3_sec5
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

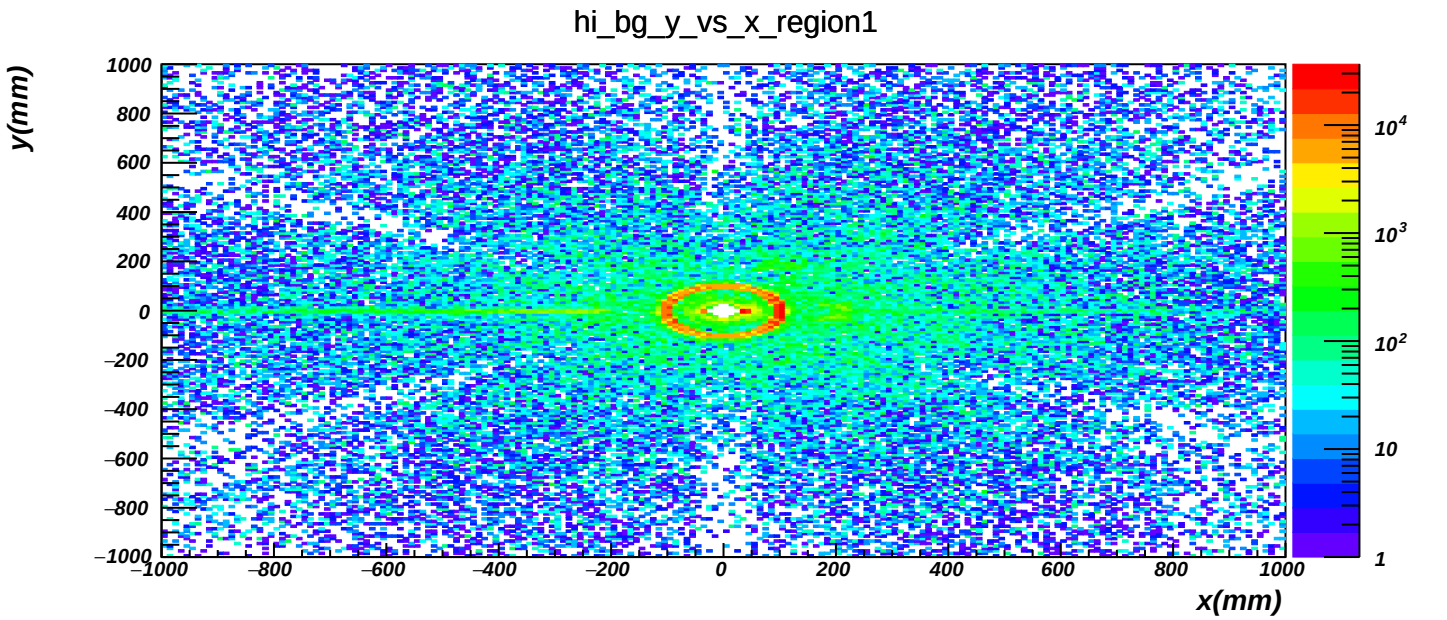

hi_bg_z_reg3_sec6
All
electrons
photons
proton
pion
neutron
other
positron
Rate (MHz)
z(mm)

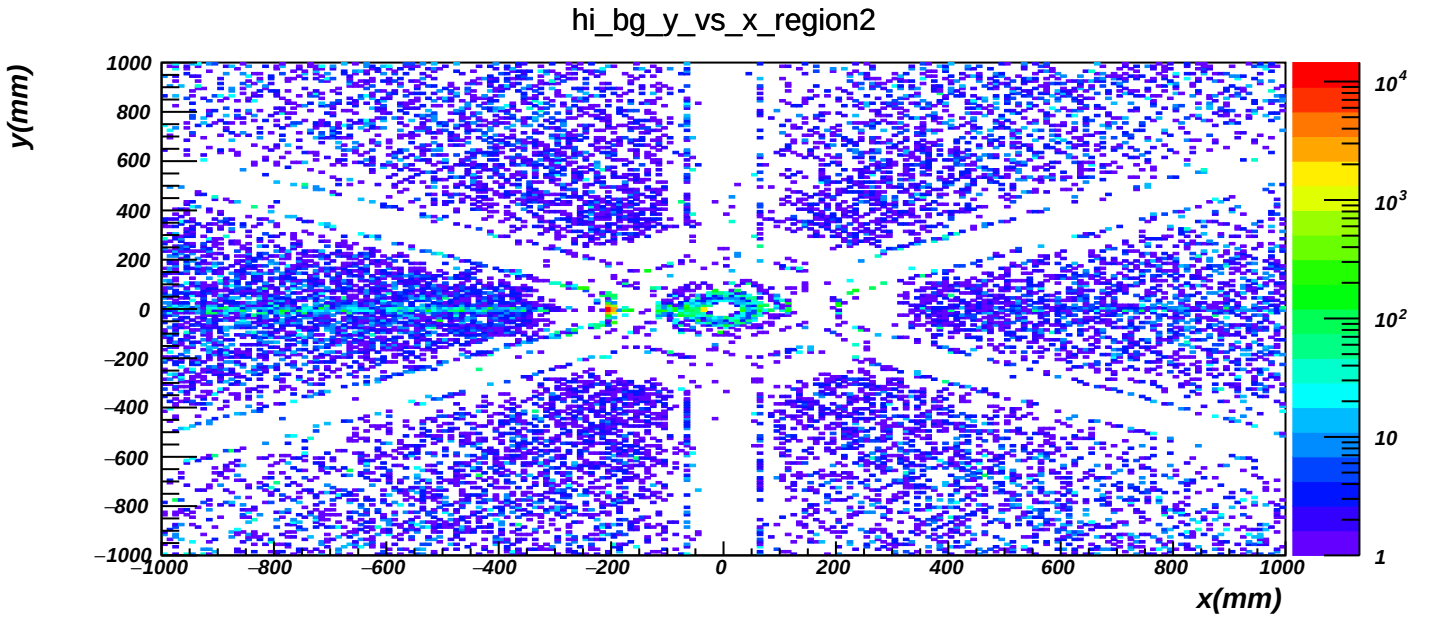

Origin of Bg
r(mm)
800
700
600
500
400
300
200
100
0
−500
0
500
1000
1500
2000
2500
3000
3500
z(mm)
10^5
10^4
10^3
10^2
10
1

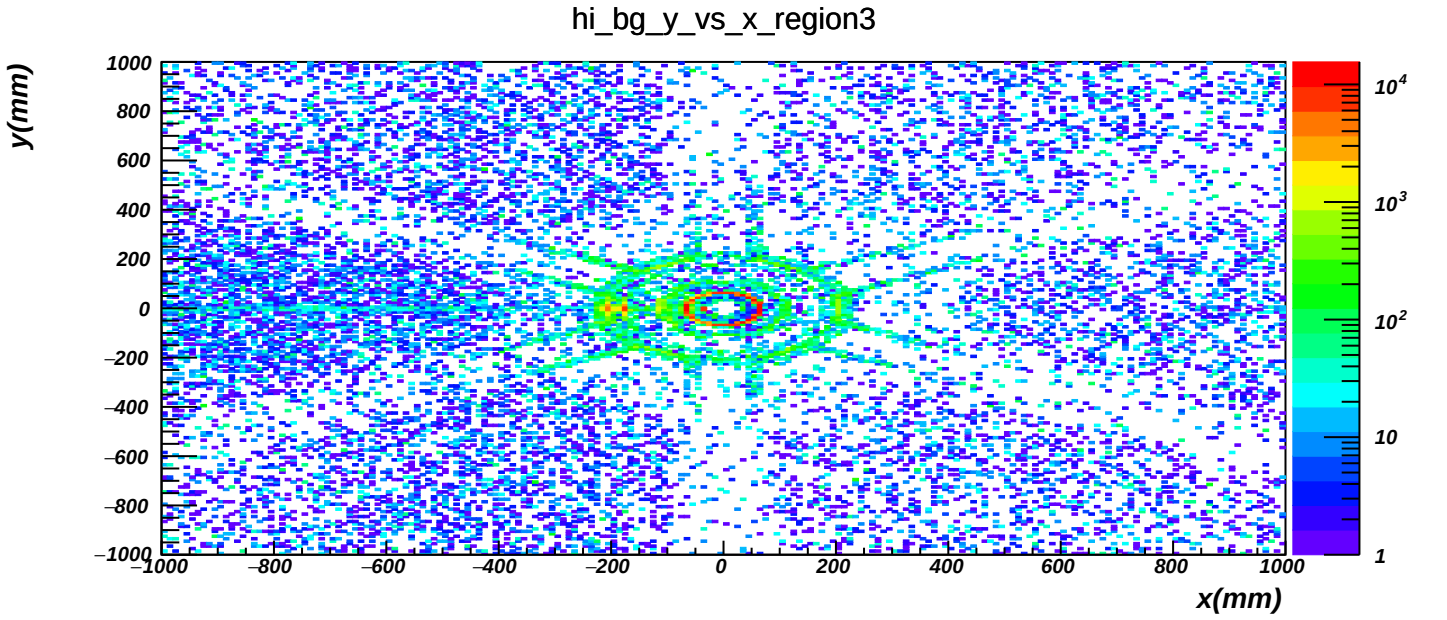

Vz of Bg
Rate (MHz)
35
30
25
20
15
10
5
0
−500
0
500
1000
1500
2000
2500
3000
3500
z(mm)
Vz of Bg
Vz of Bg electrons
Vz of Bg photons
Vz of Bg other

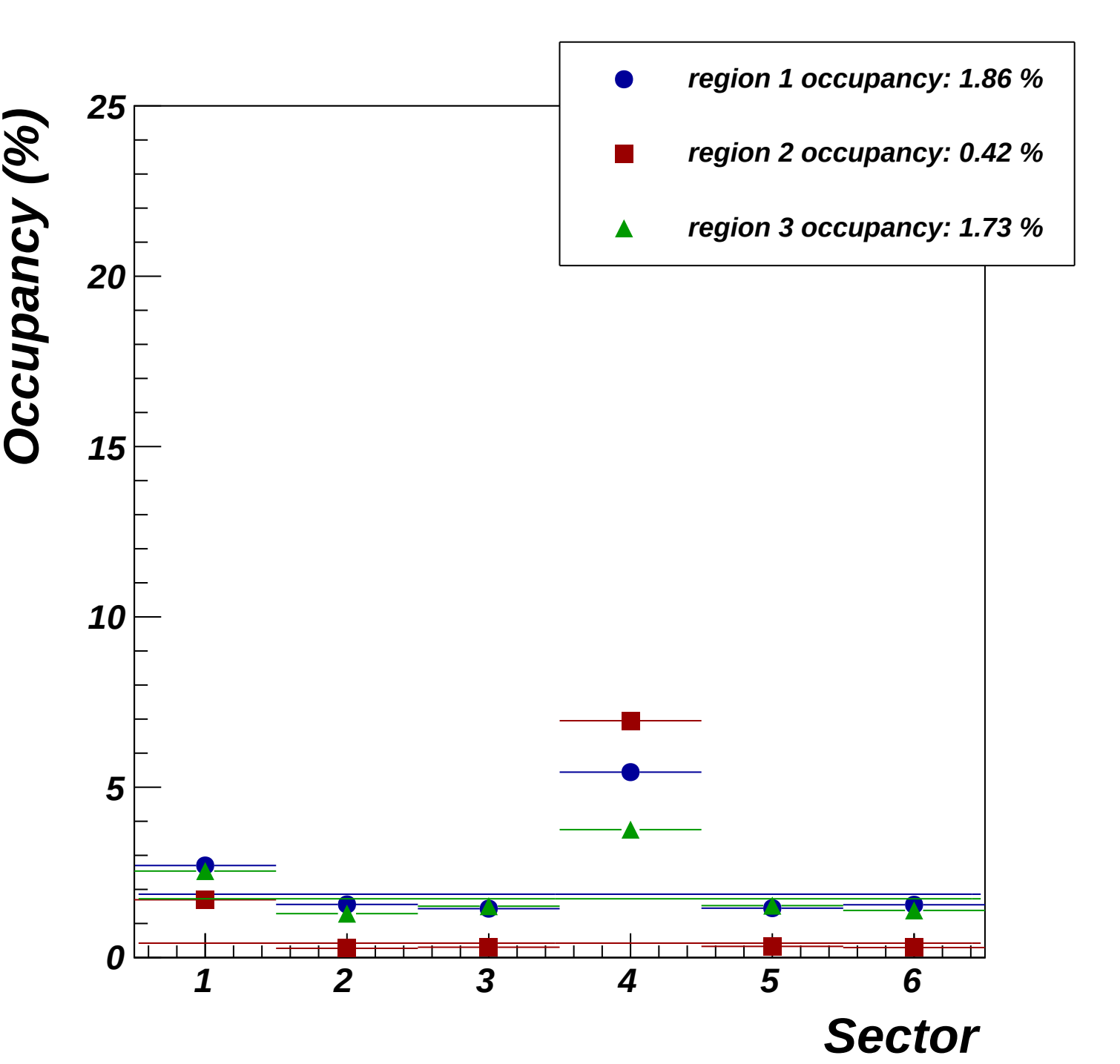

Energy of Bg
r(mm)
800
700
600
500
400
300
200
100
0
−500
0
500
1000
1500
2000
2500
3000
3500
z(mm)
Energy(MeV)
10³
10²
10
1


momentum of Bg
Rate (MHz)
16
14
12
10
8
6
4
2
0
0
1
2
3
4
5
6
7
8
9
10
p(MeV)


hi_bg_y_vs_x_region1
y(mm)
x(mm)
1000
800
600
400
200
0
−200
−400
−600
−800
−1000
−1000
−800
−600
−400
−200
0
200
400
600
800
1000
10^4
10^3
10^2
10
1


hi_bg_y_vs_x_region2
y(mm)
x(mm)
1000
800
600
400
200
0
−200
−400
−600
−800
−1000
−1000
−800
−600
−400
−200
0
200
400
600
800
1000
10^4
10^3
10^2
10
1


hi_bg_y_vs_x_region3
y(mm)
x(mm)
1000
800
600
400
200
0
−200
−400
−600
−800
−1000
−1000
−800
−600
−400
−200
0
200
400
600
800
1000
10^4
10^3
10^2
10
1


region 1 occupancy: 1.86 %
region 2 occupancy: 0.42 %
region 3 occupancy: 1.73 %
Occupancy (%)
25
20
15
10
5
0
1
2
3
4
5
6
Sector