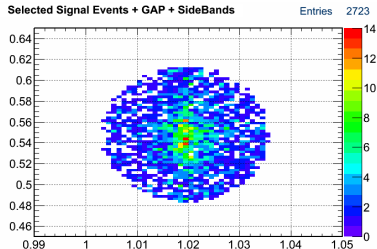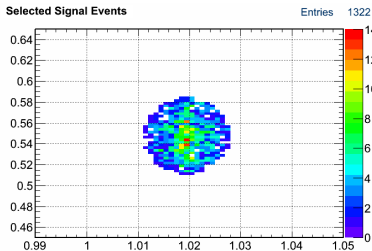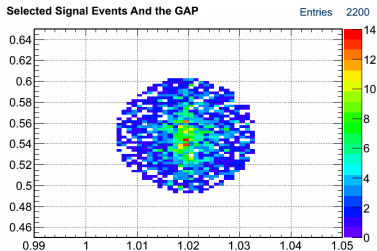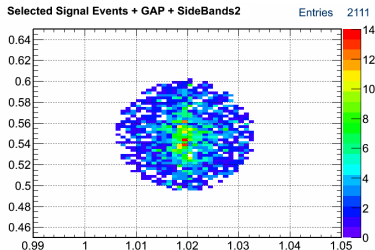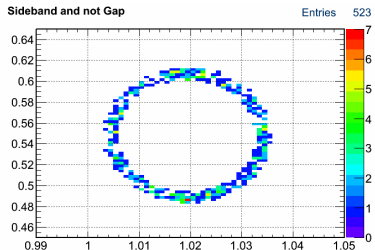(a) Plot for $\phi\eta$

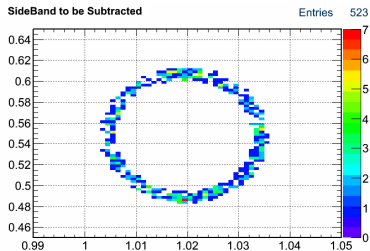(b) Plot for $\phi\eta$

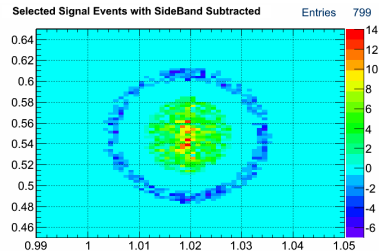(c) Plot for $\phi\eta$

(d) Plot for $\phi\eta$
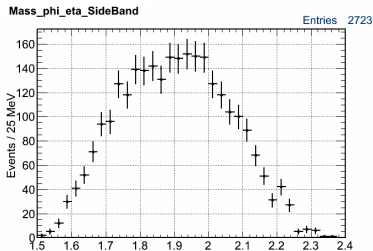
(e) Plot for $\phi\eta$
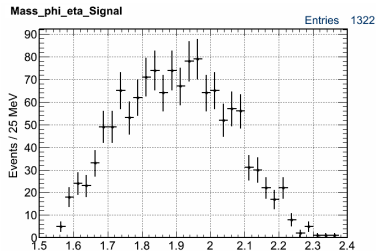
(f) Plot for $\phi\eta$

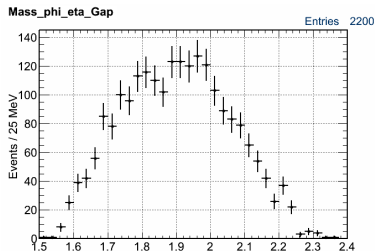(g) Plot for $\phi\eta$

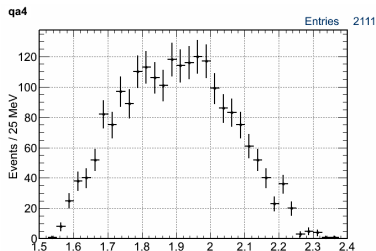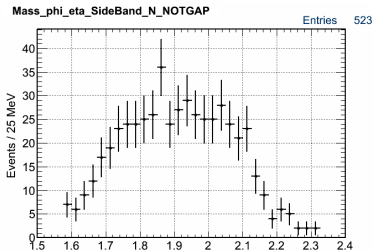(h) Plot for $\phi\eta$

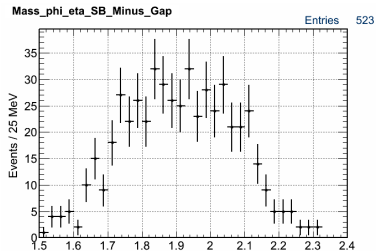(i) Plot for $\phi\eta$

(j) Plot for $\phi\eta$

(k) Plot for $\phi\eta$

(l) Plot for $\phi\eta$

(m) Plot for $\phi\eta$

(n) Plot for $\phi\eta$