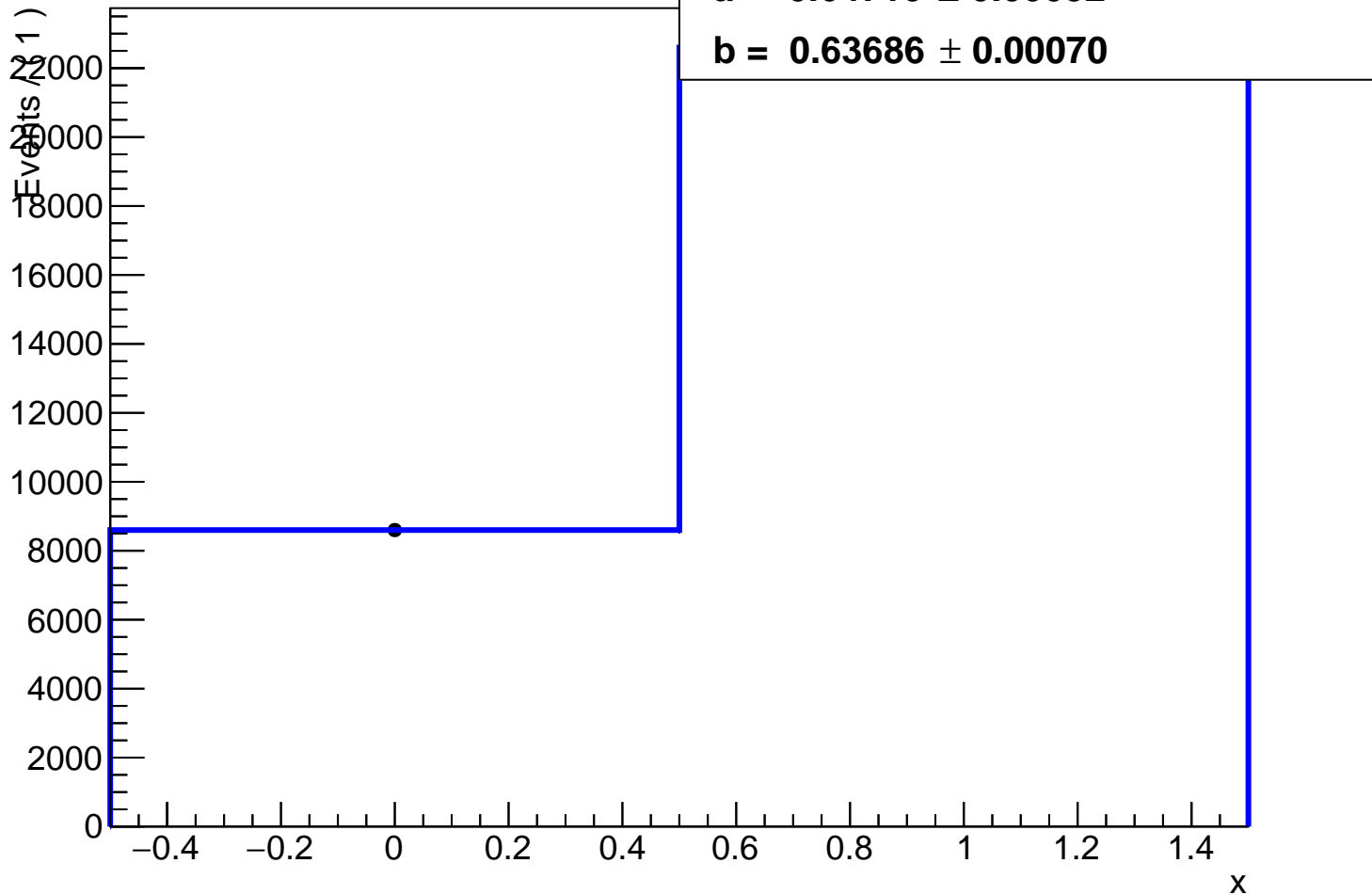
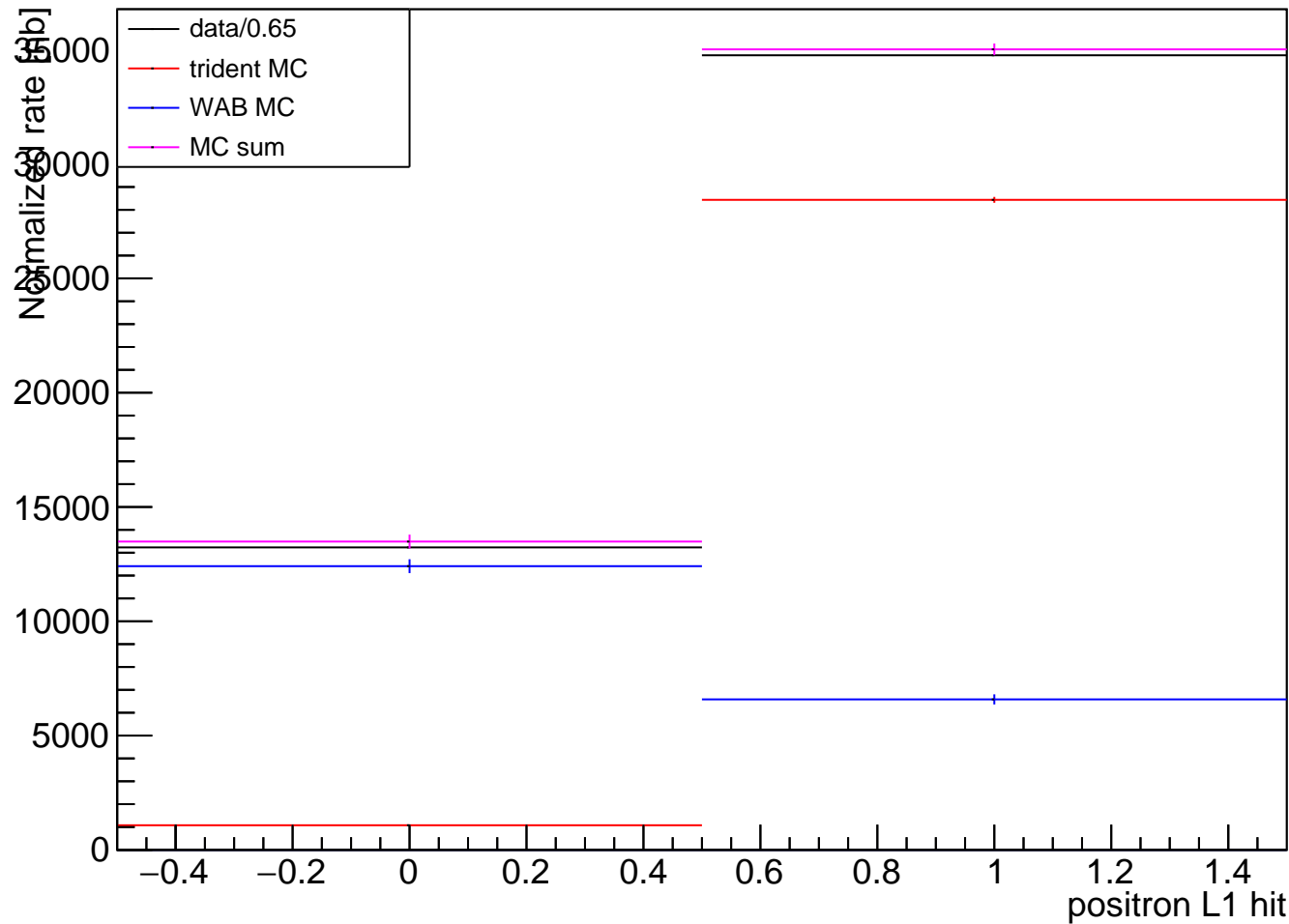


posHasL1 {tarP>0.8\*1.056}



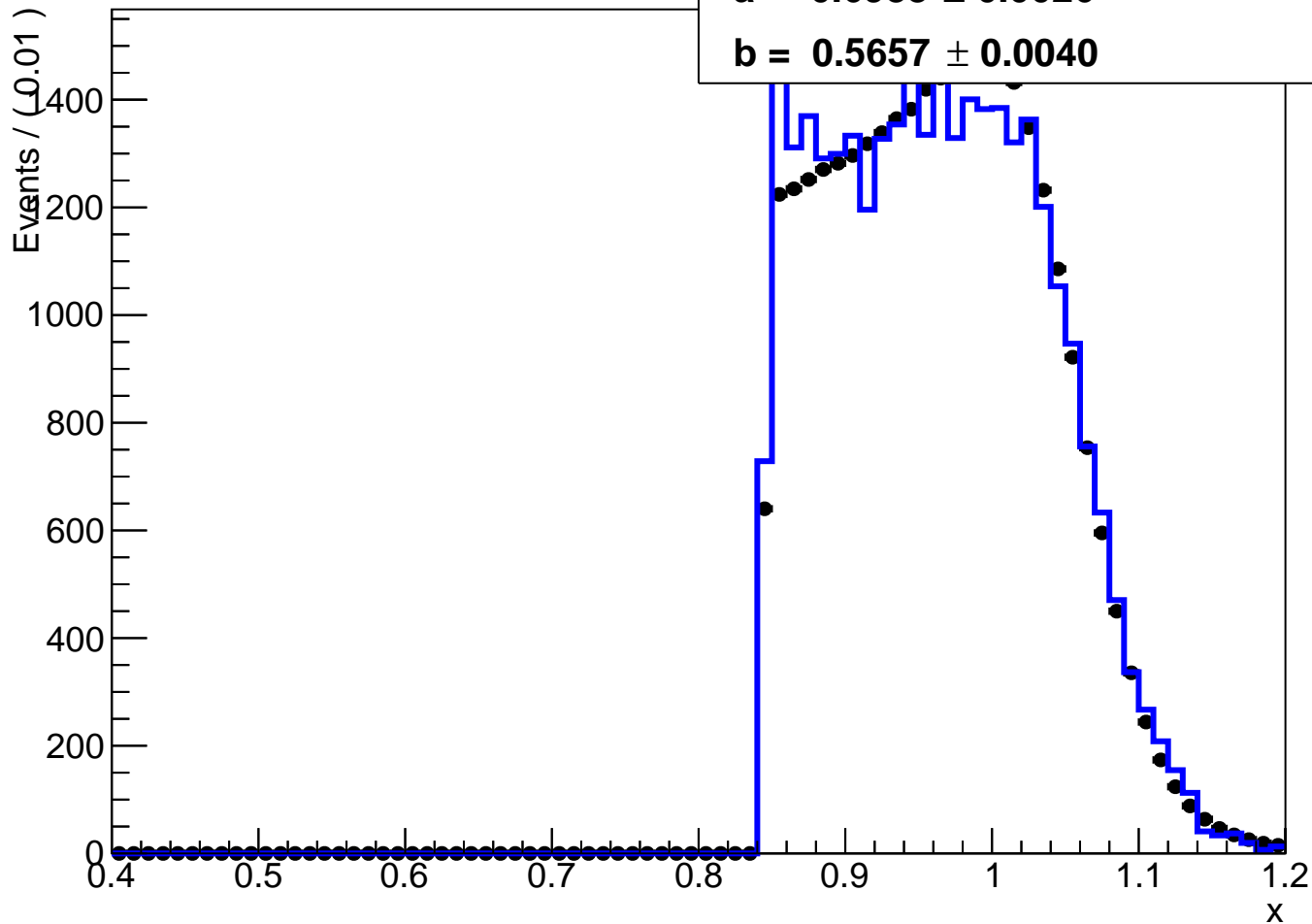
$p(e+e-) > 0.8 E_{\text{beam}}$



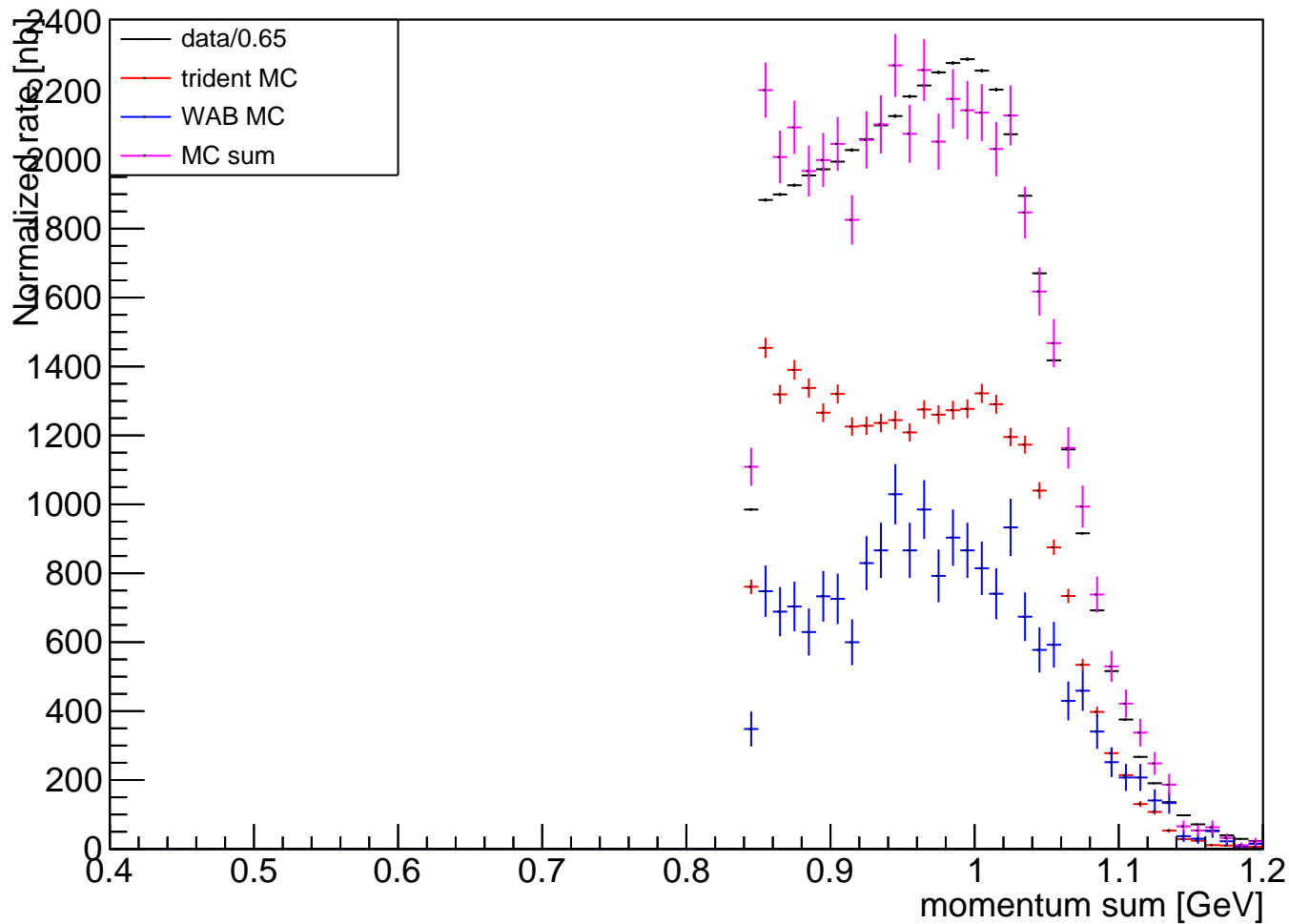
tarP {tarP>0.8\*1.056}

**a =  $0.6988 \pm 0.0026$**

**b =  $0.5657 \pm 0.0040$**



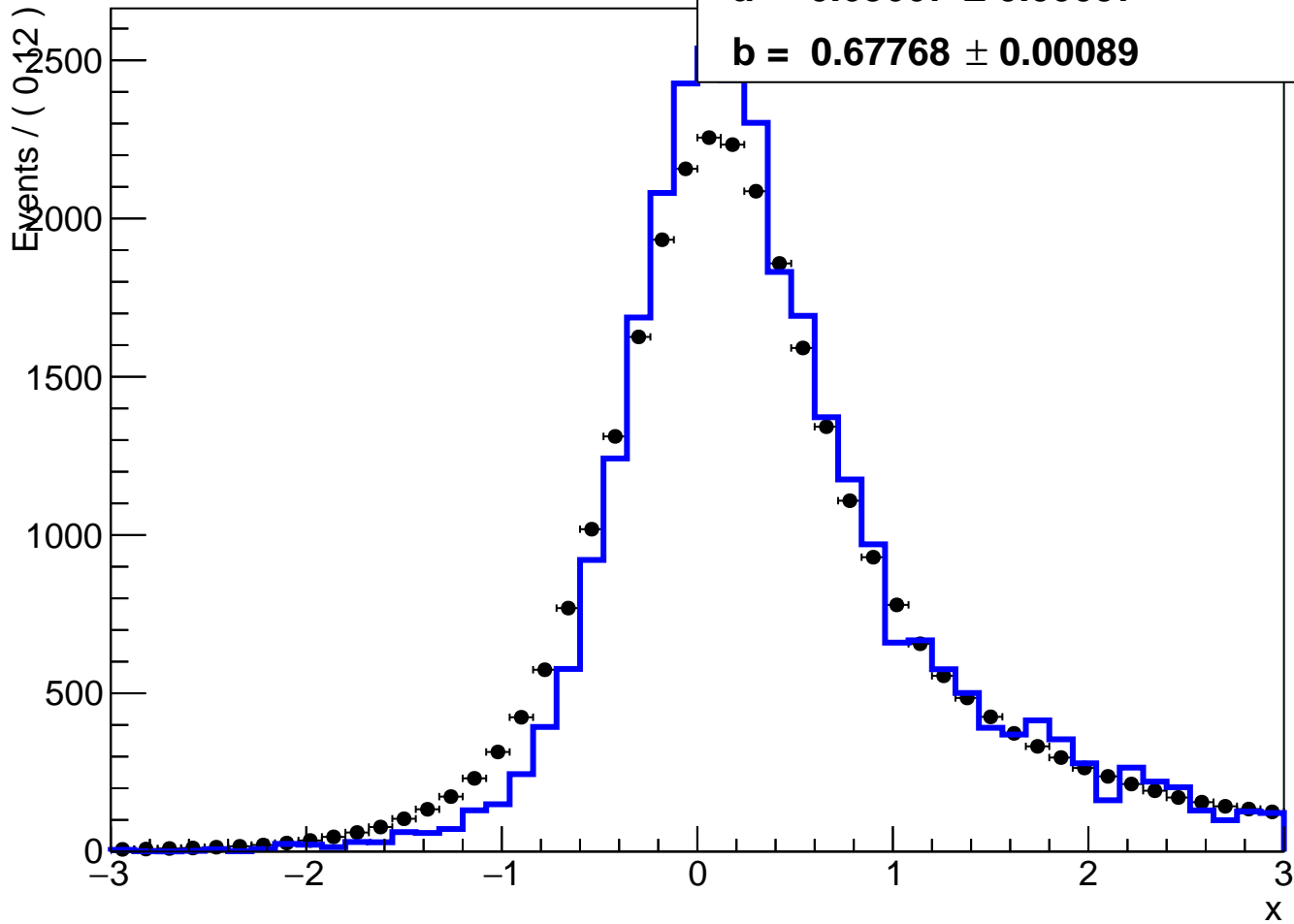
$p(e+e-) > 0.8 E_{\text{beam}}$



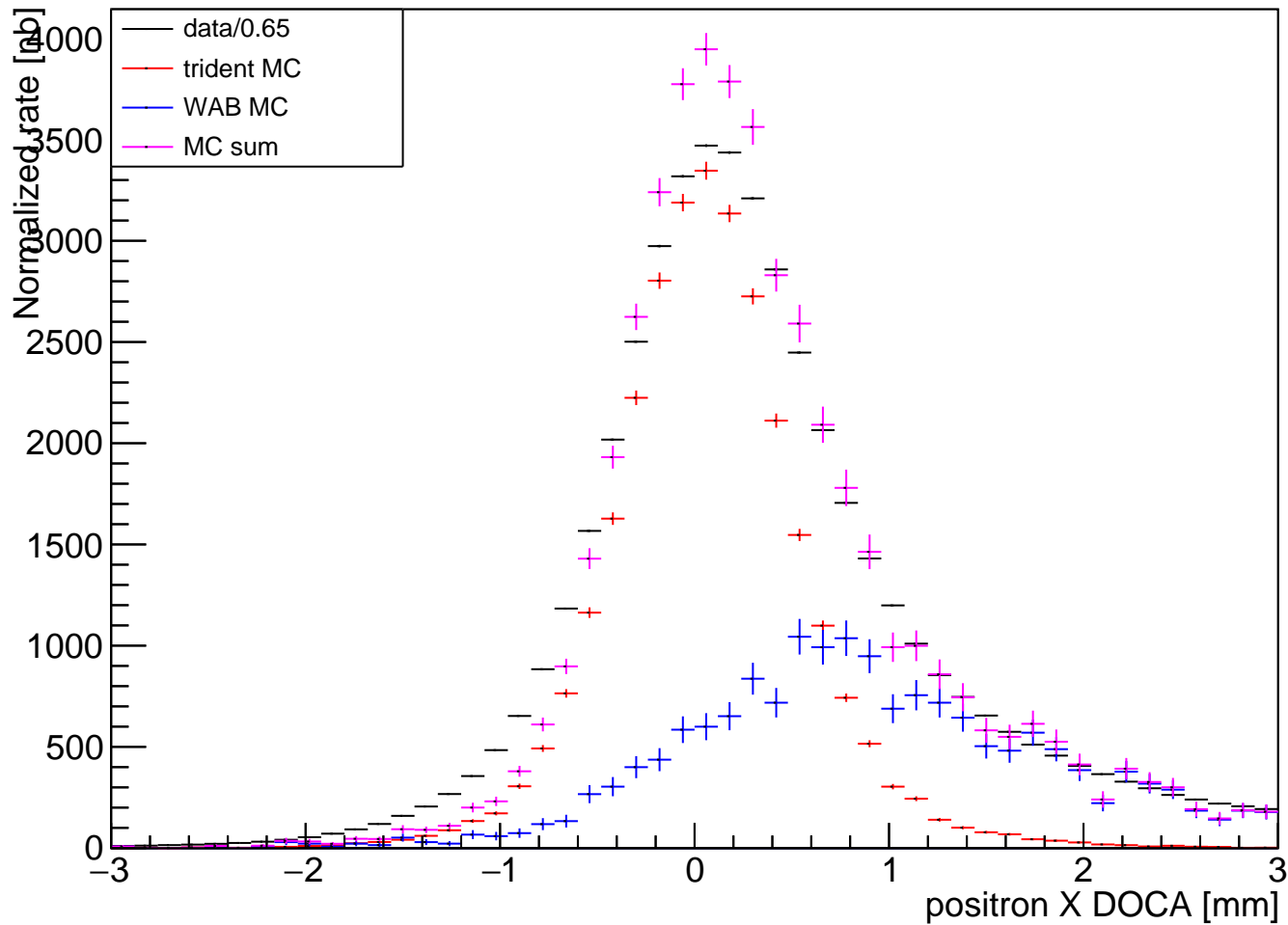
posTrkD0 {tarP>0.8\*1.056}

**a =  $0.63667 \pm 0.00057$**

**b =  $0.67768 \pm 0.00089$**



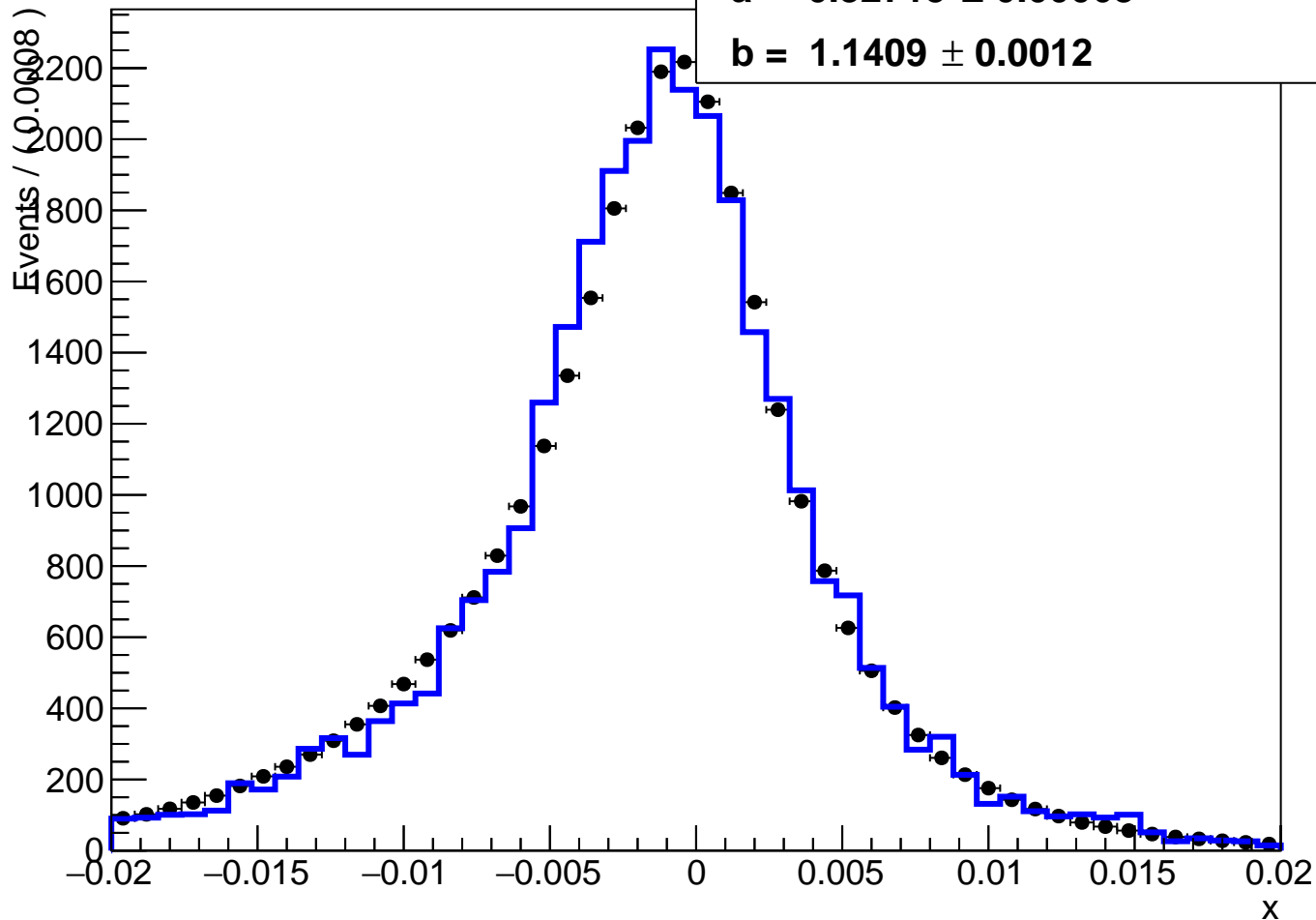
$p(e+e^-) > 0.8 E_{\text{beam}}$



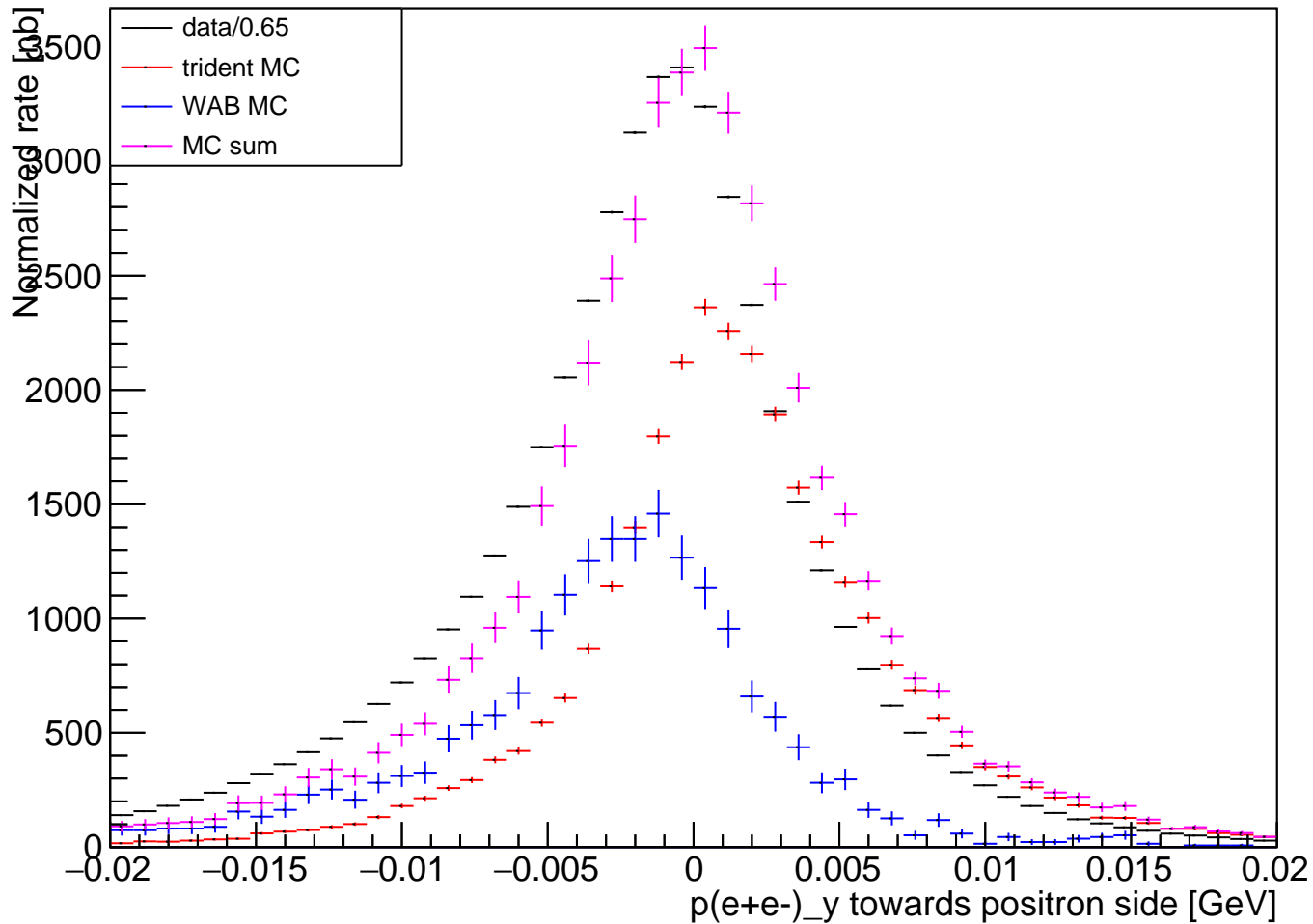
$\text{tarPY} * \text{sign}(\text{posPY}) \{ \text{tarP} > 0.8 * 1.056 \}$

$a = 0.32715 \pm 0.00068$

$b = 1.1409 \pm 0.0012$



$p(e+e-) > 0.8 E_{\text{beam}}$

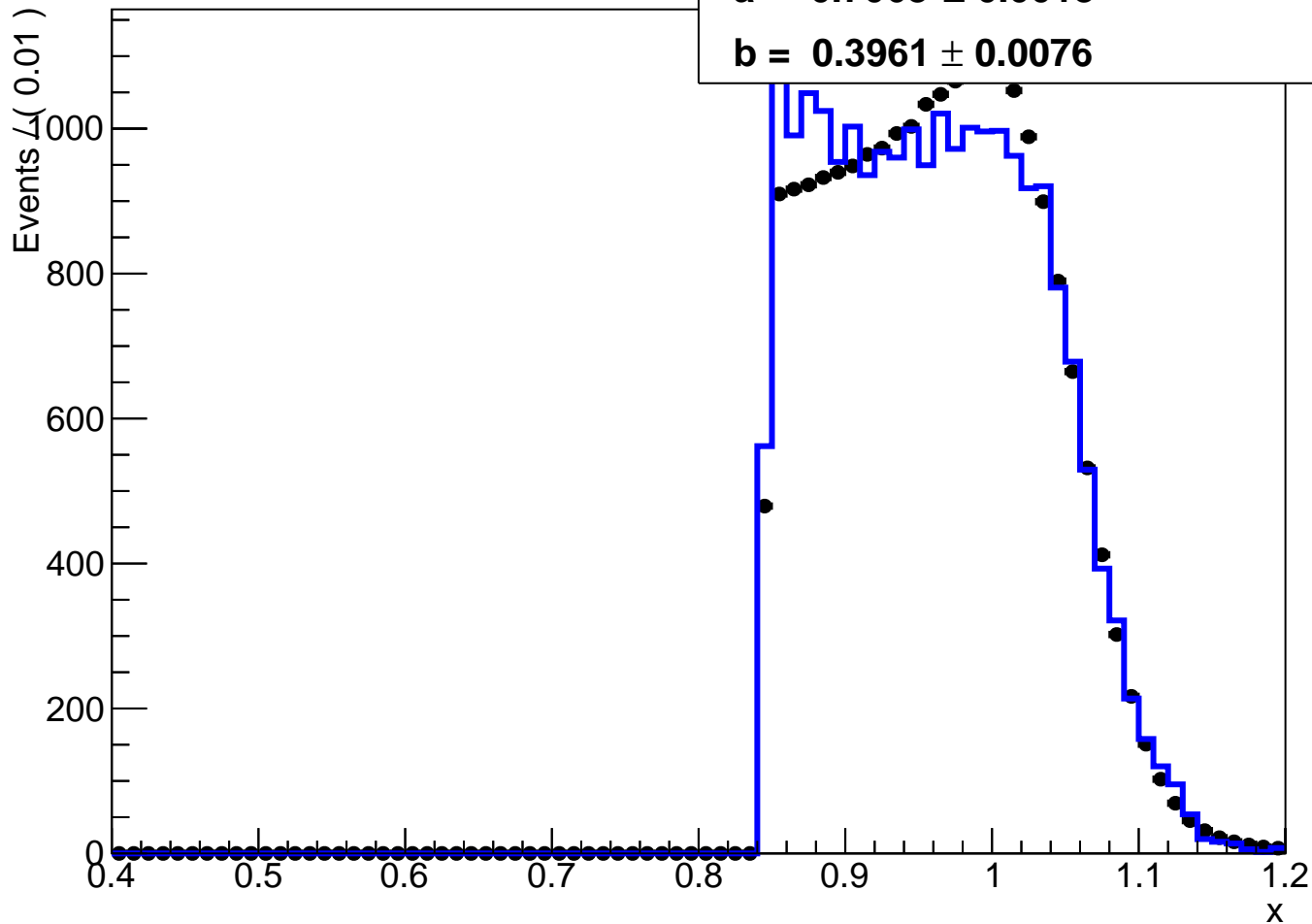




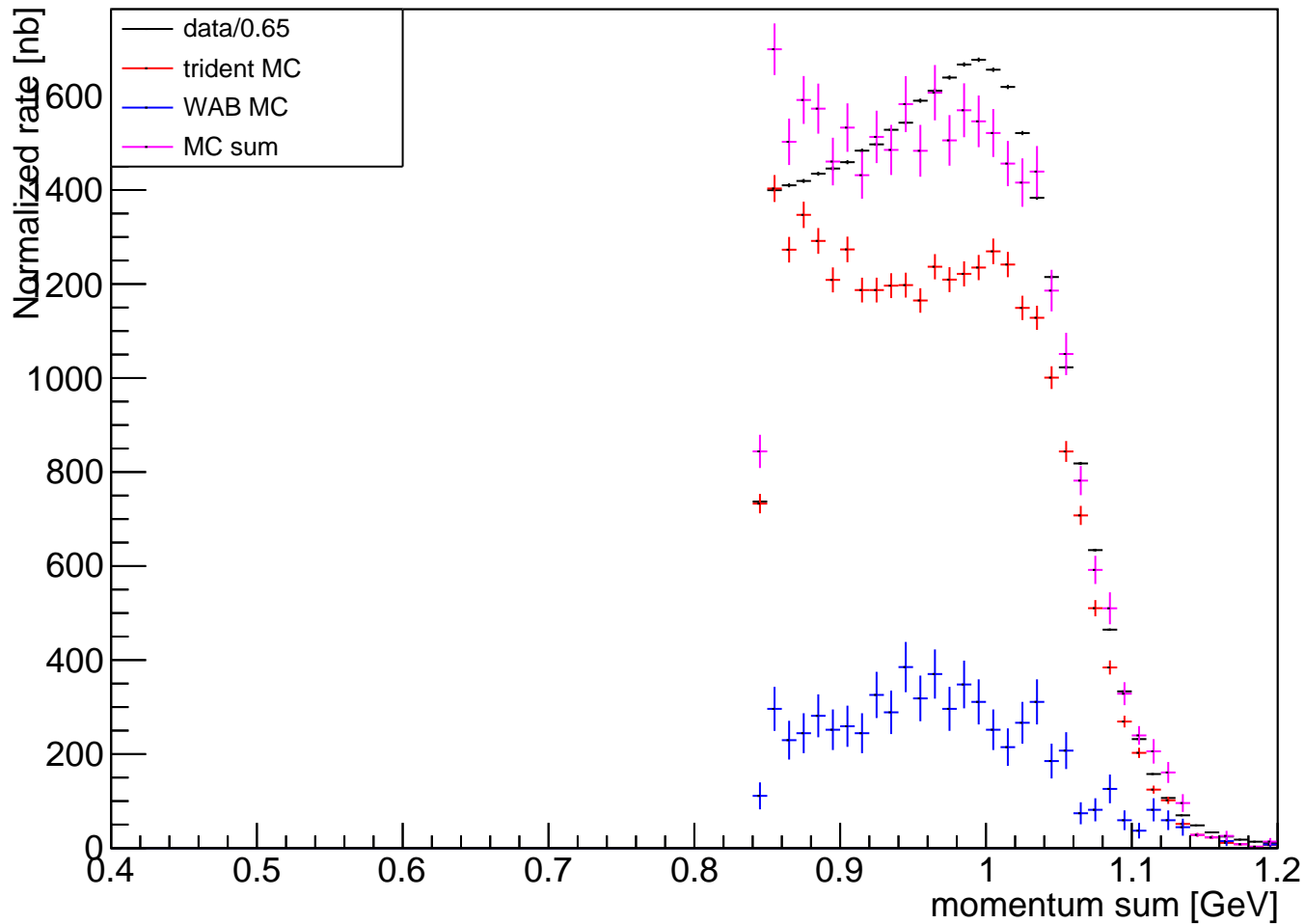
tarP {posHasL1&&tarP>0.8\*1.056}

**a =  $0.7068 \pm 0.0018$**

**b =  $0.3961 \pm 0.0076$**



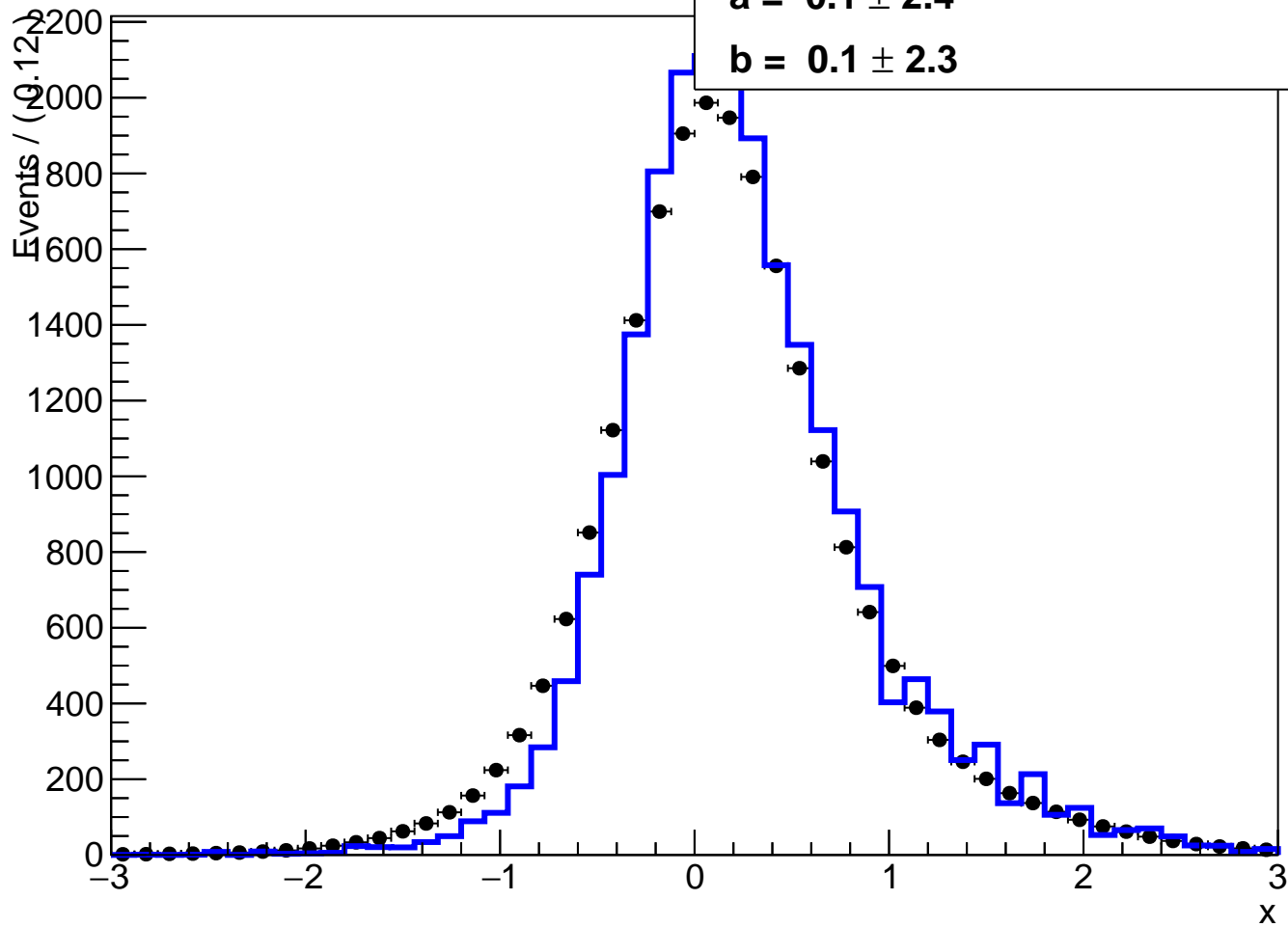
# $p(e+e^-) > 0.8 E_{\text{beam}}$ with L1 positron hit



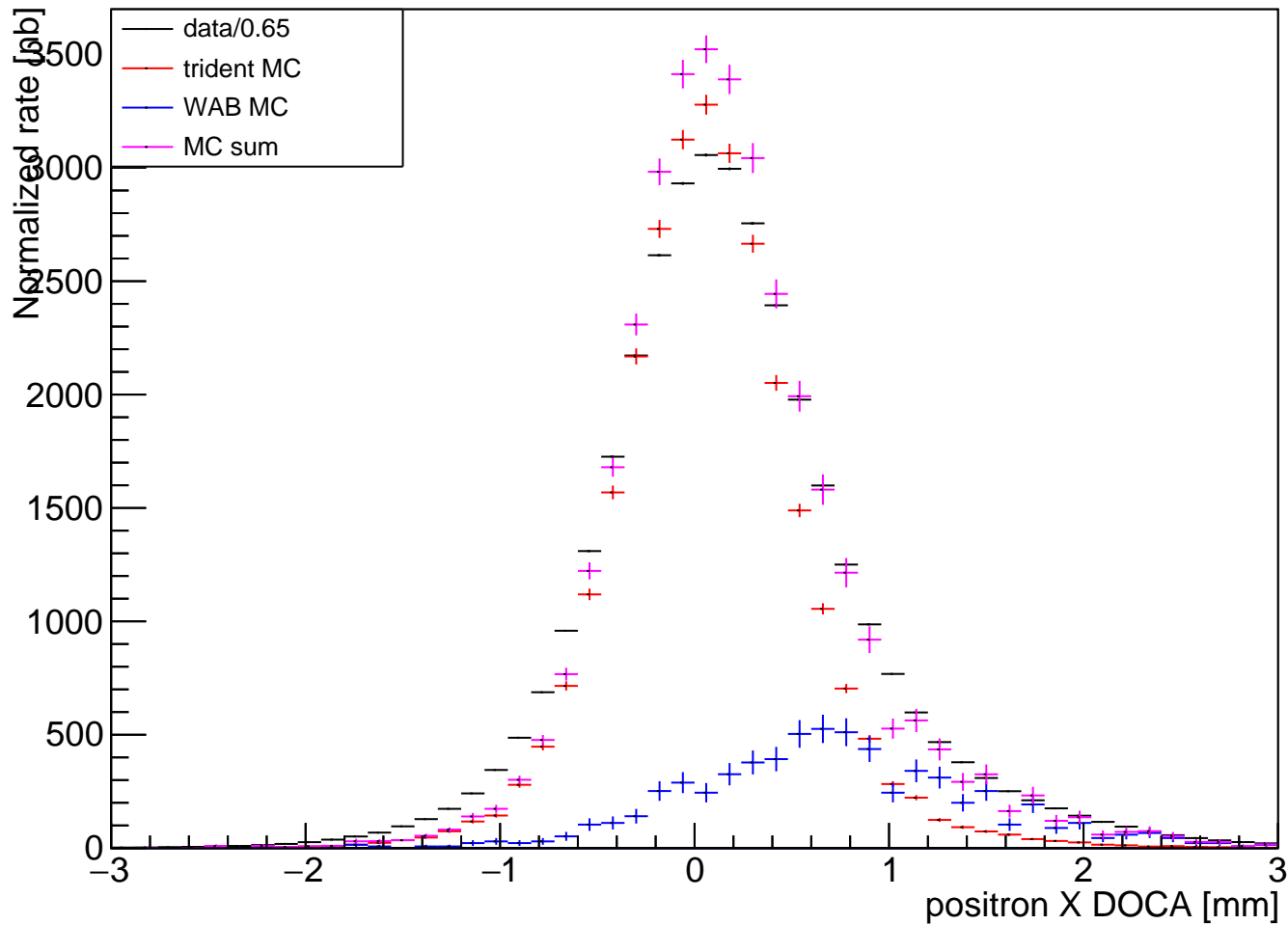
posTrkD0 {posHasL1&&tarP>0.8\*1.056}

**a =  $0.1 \pm 2.4$**

**b =  $0.1 \pm 2.3$**



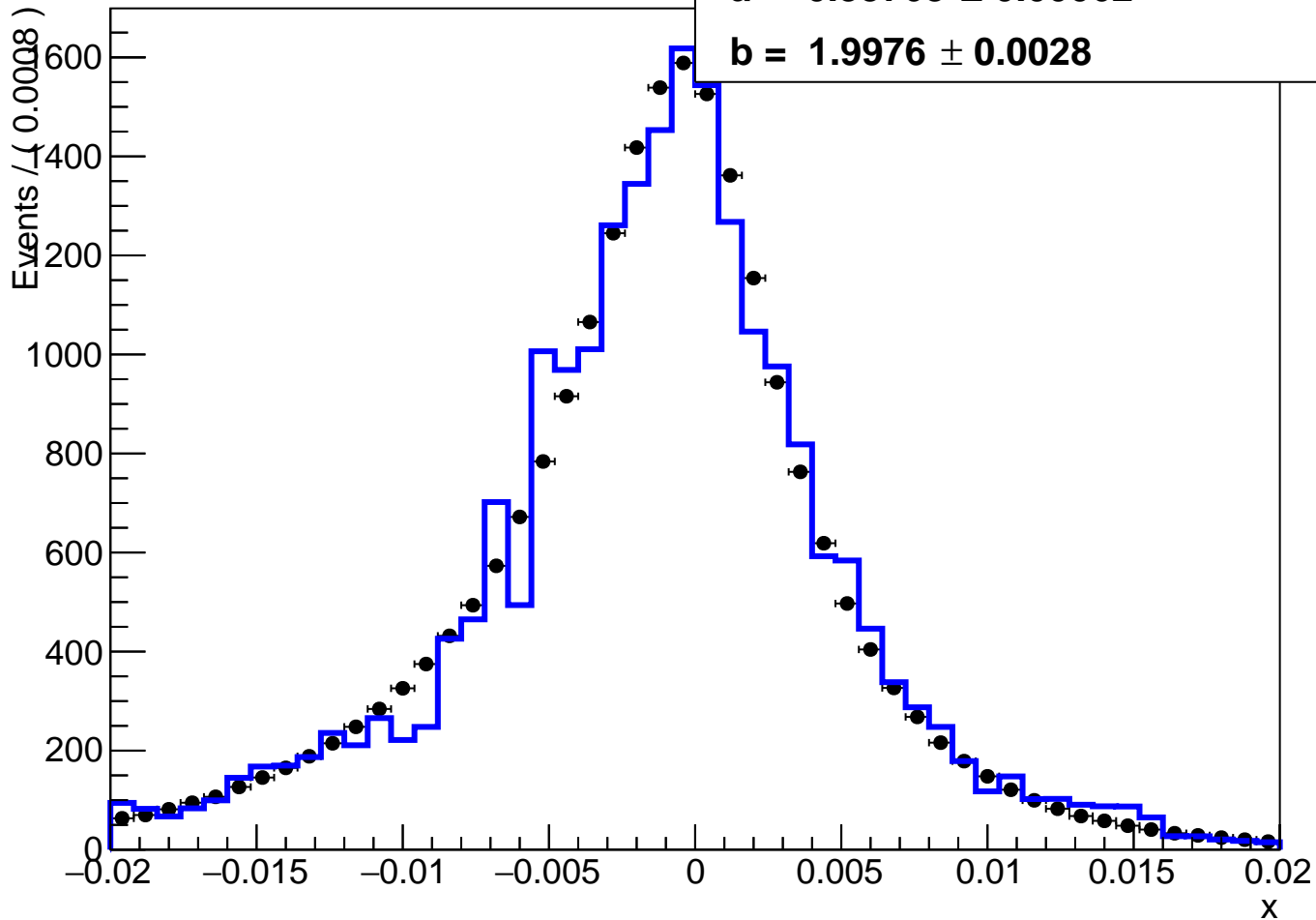
# $p(e+e^-) > 0.8 E_{\text{beam}}$ with L1 positron hit



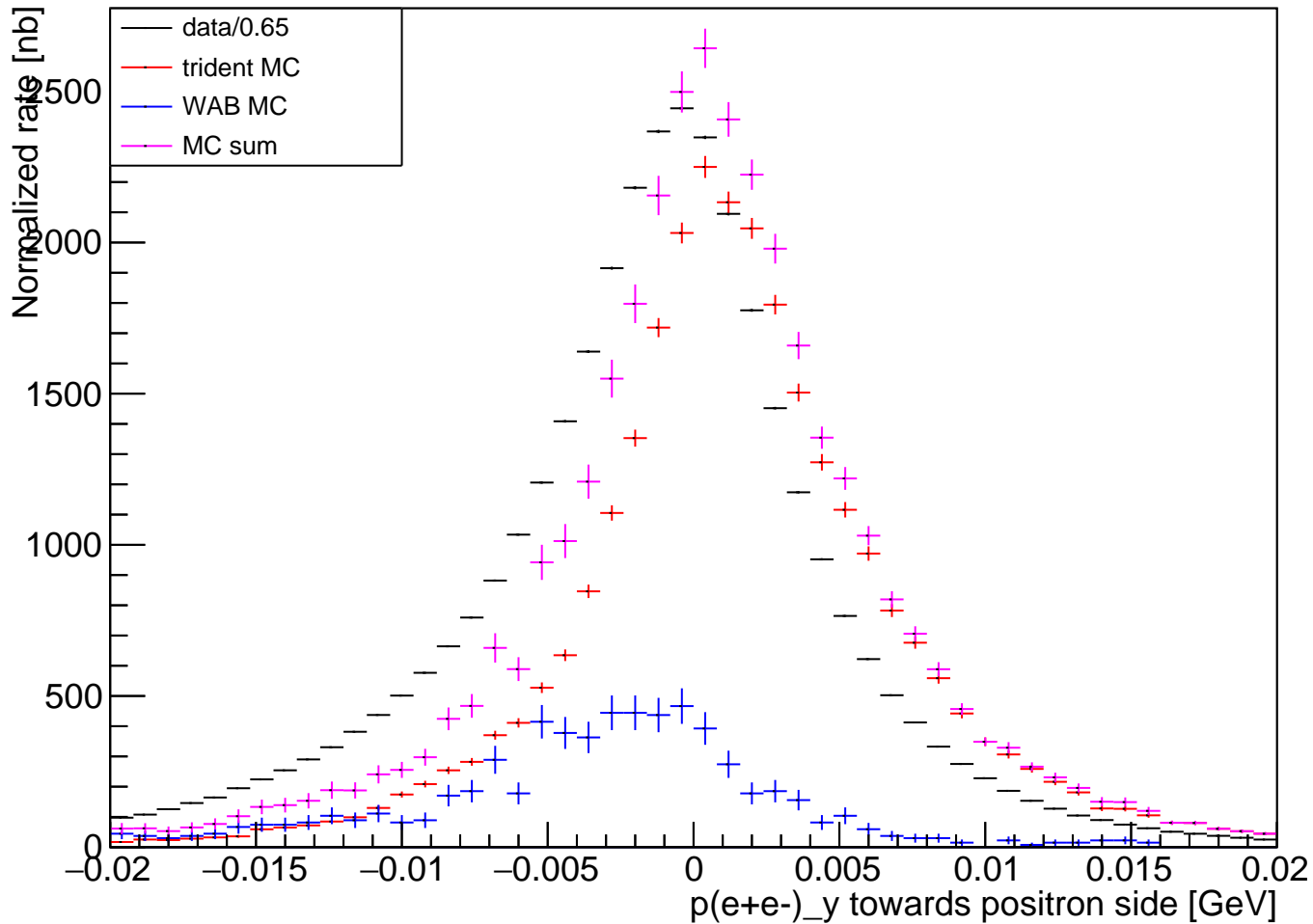
tarPY\*sign(posPY) {posHasL1&&tarP>0.8\*1.056}

**a =  $0.33768 \pm 0.00062$**

**b =  $1.9976 \pm 0.0028$**



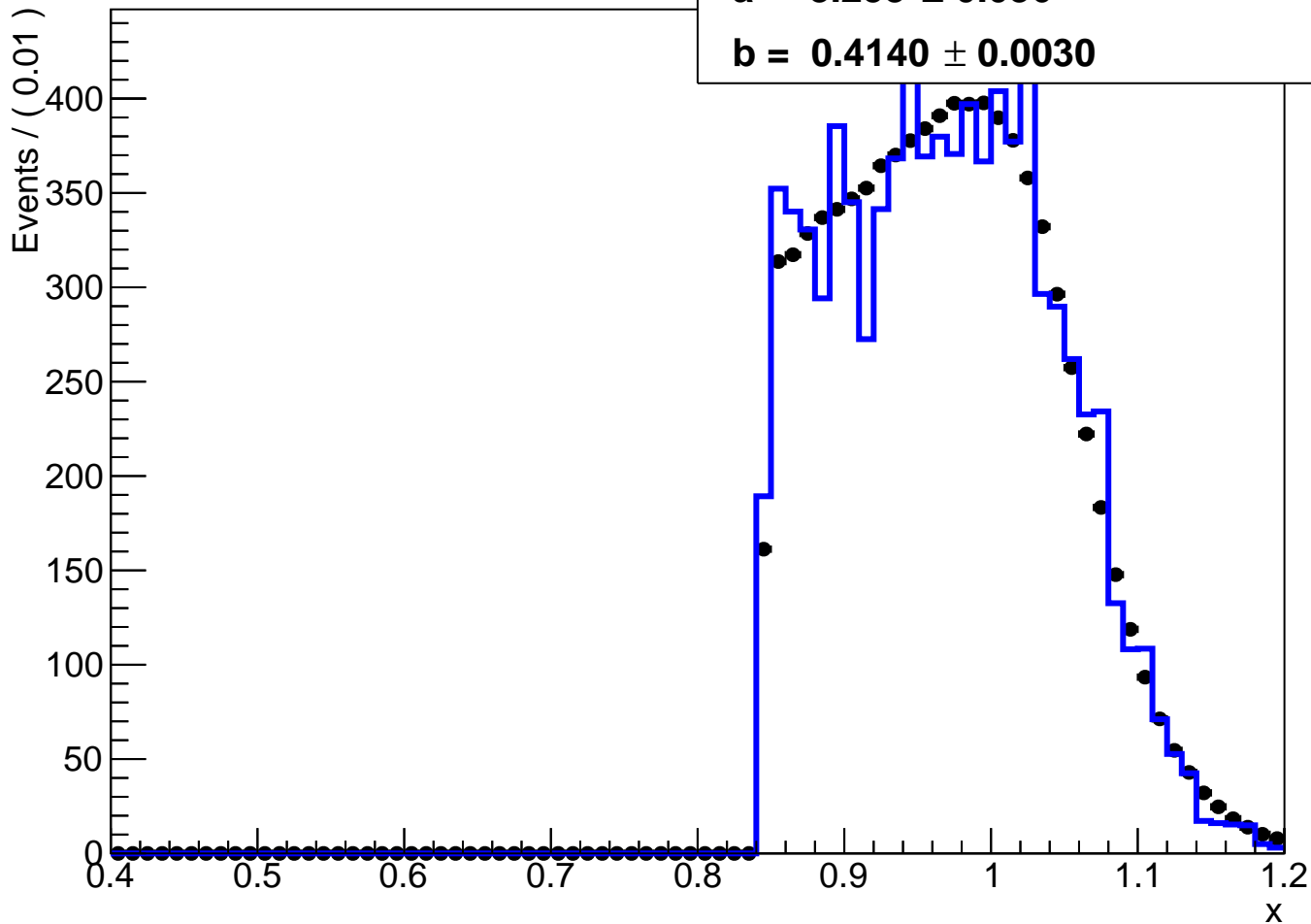
# $p(e+e^-) > 0.8 E_{\text{beam}}$ with L1 positron hit



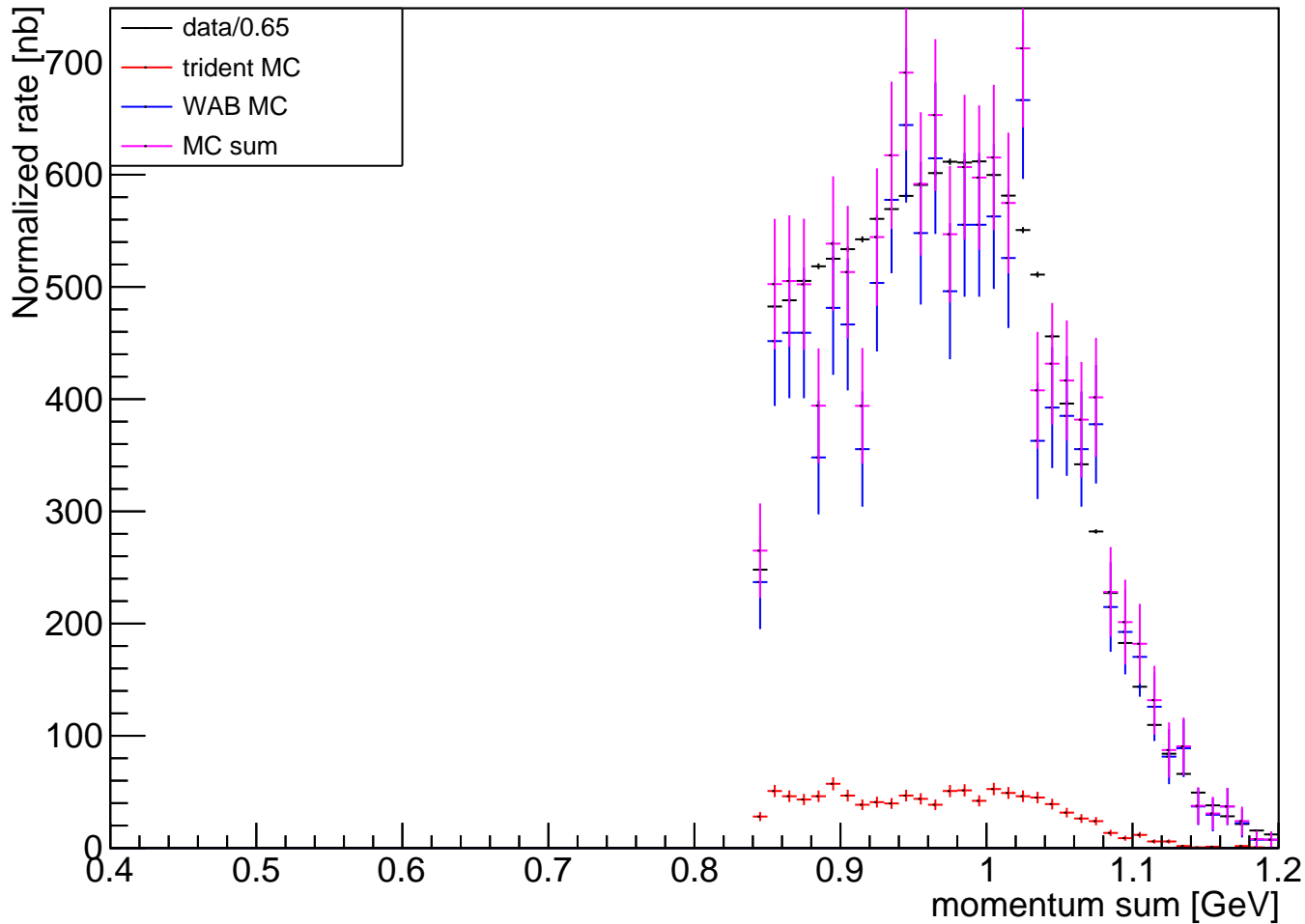
tarP {!posHasL1&&tarP>0.8\*1.056}

**a =  $3.253 \pm 0.036$**

**b =  $0.4140 \pm 0.0030$**



$p(e+e^-) > 0.8 E_{\text{beam}}$  with no L1 positron hit

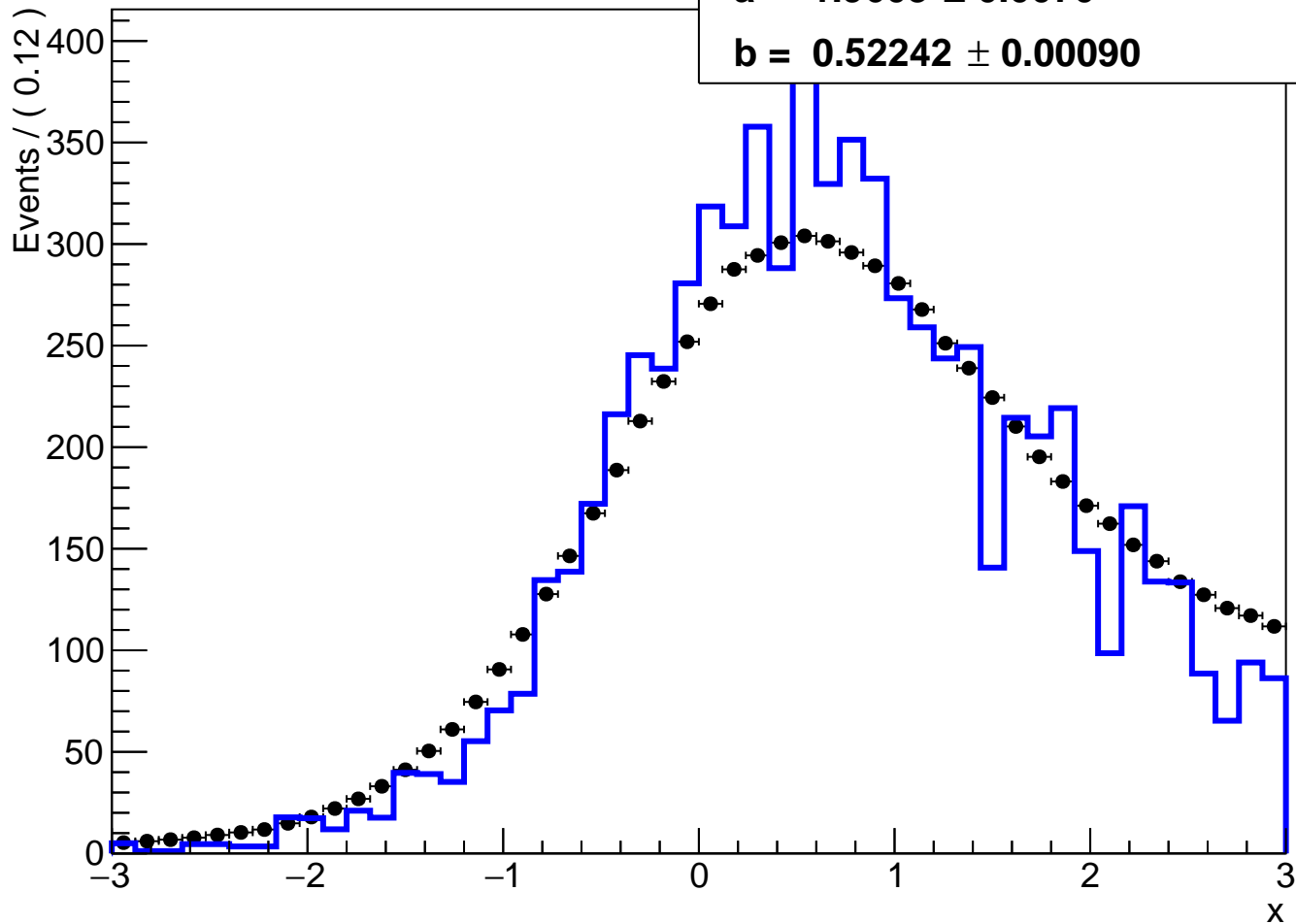




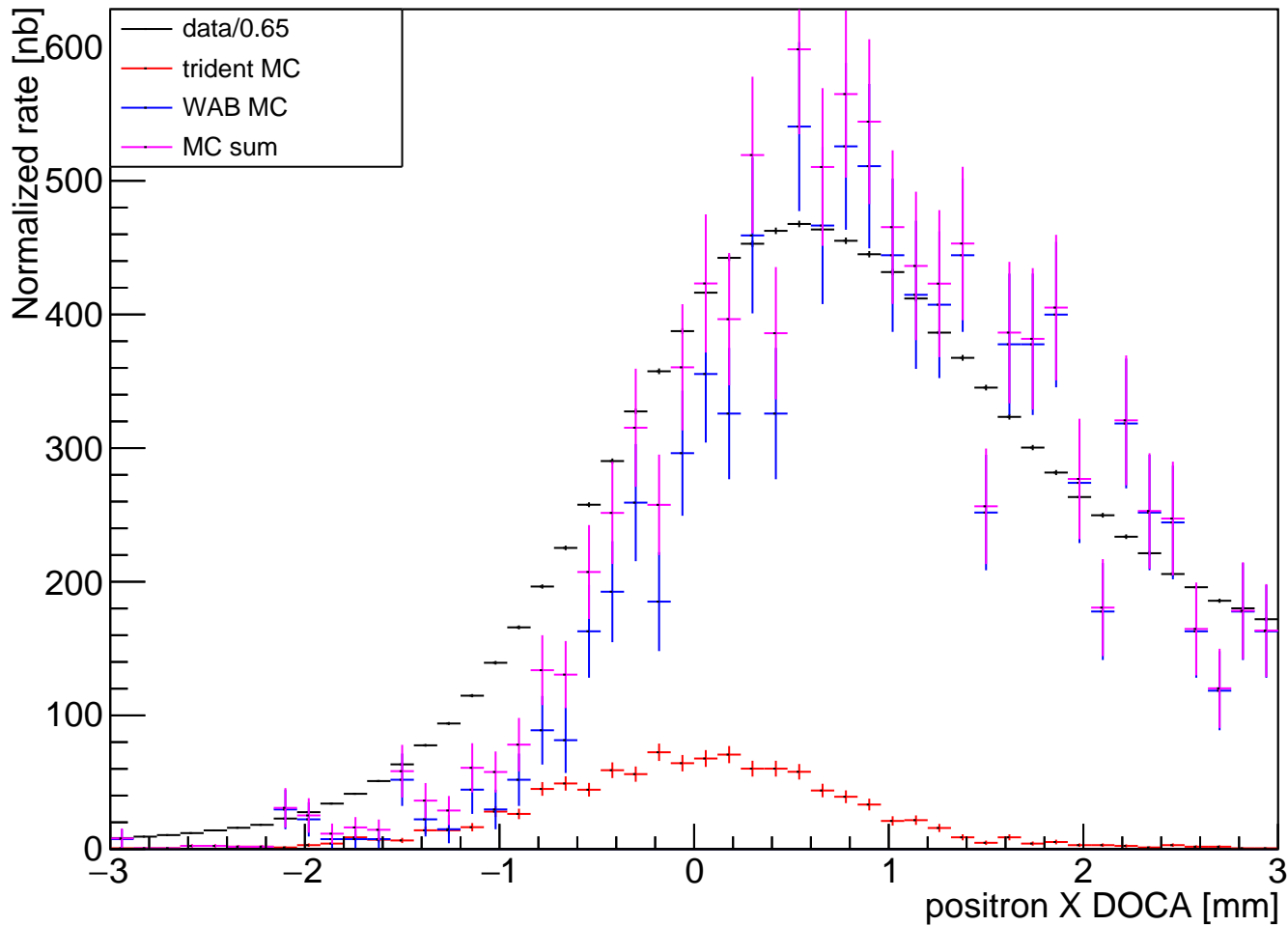
posTrkD0 {!posHasL1&&tarP>0.8\*1.056}

**a =  $1.9603 \pm 0.0070$**

**b =  $0.52242 \pm 0.00090$**



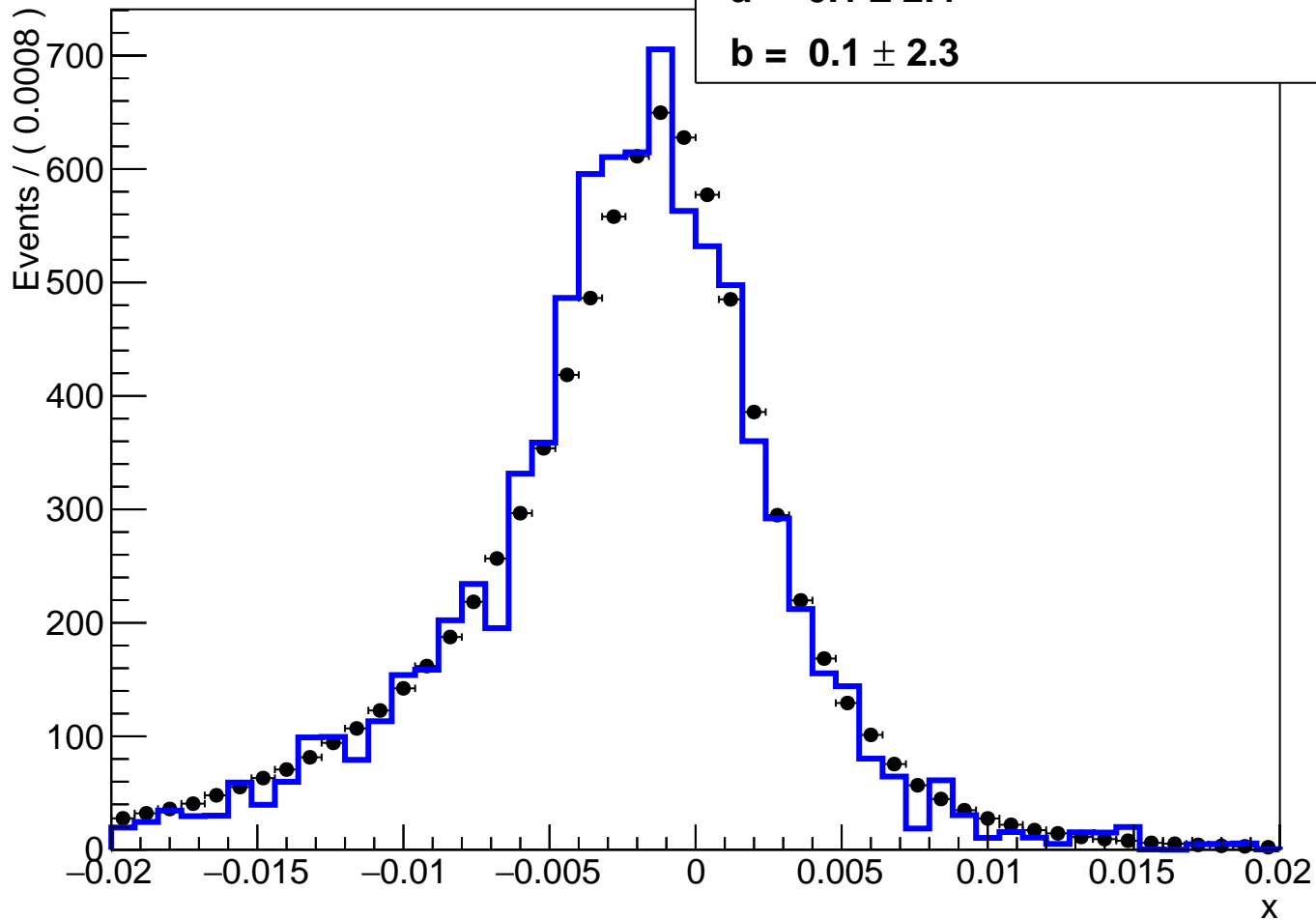
$p(e+e^-) > 0.8 E_{\text{beam}}$  with no L1 positron hit



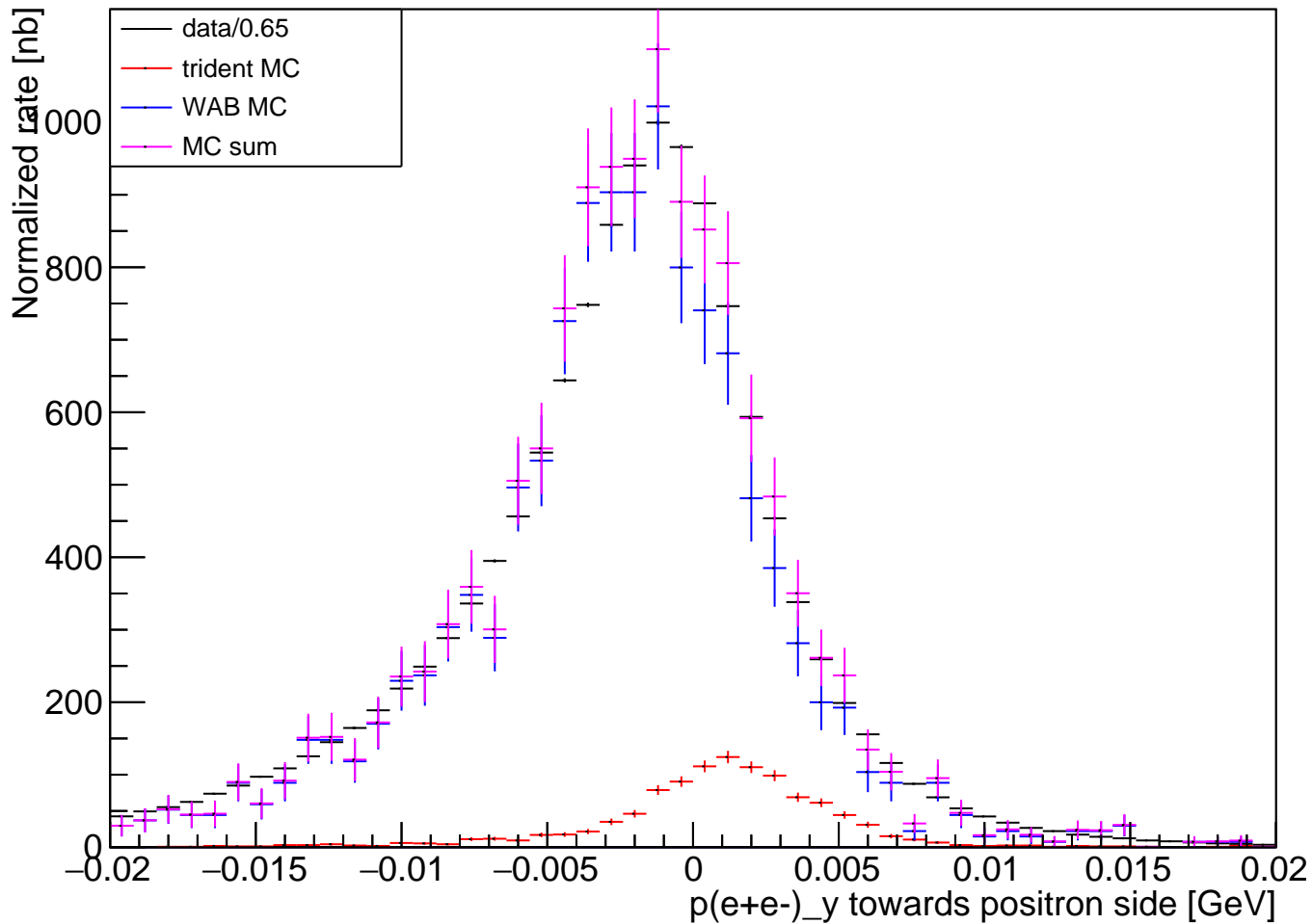
tarPY\*sign(posPY) {!posHasL1&&tarP>0.8\*1.056}

**a =  $0.1 \pm 2.4$**

**b =  $0.1 \pm 2.3$**



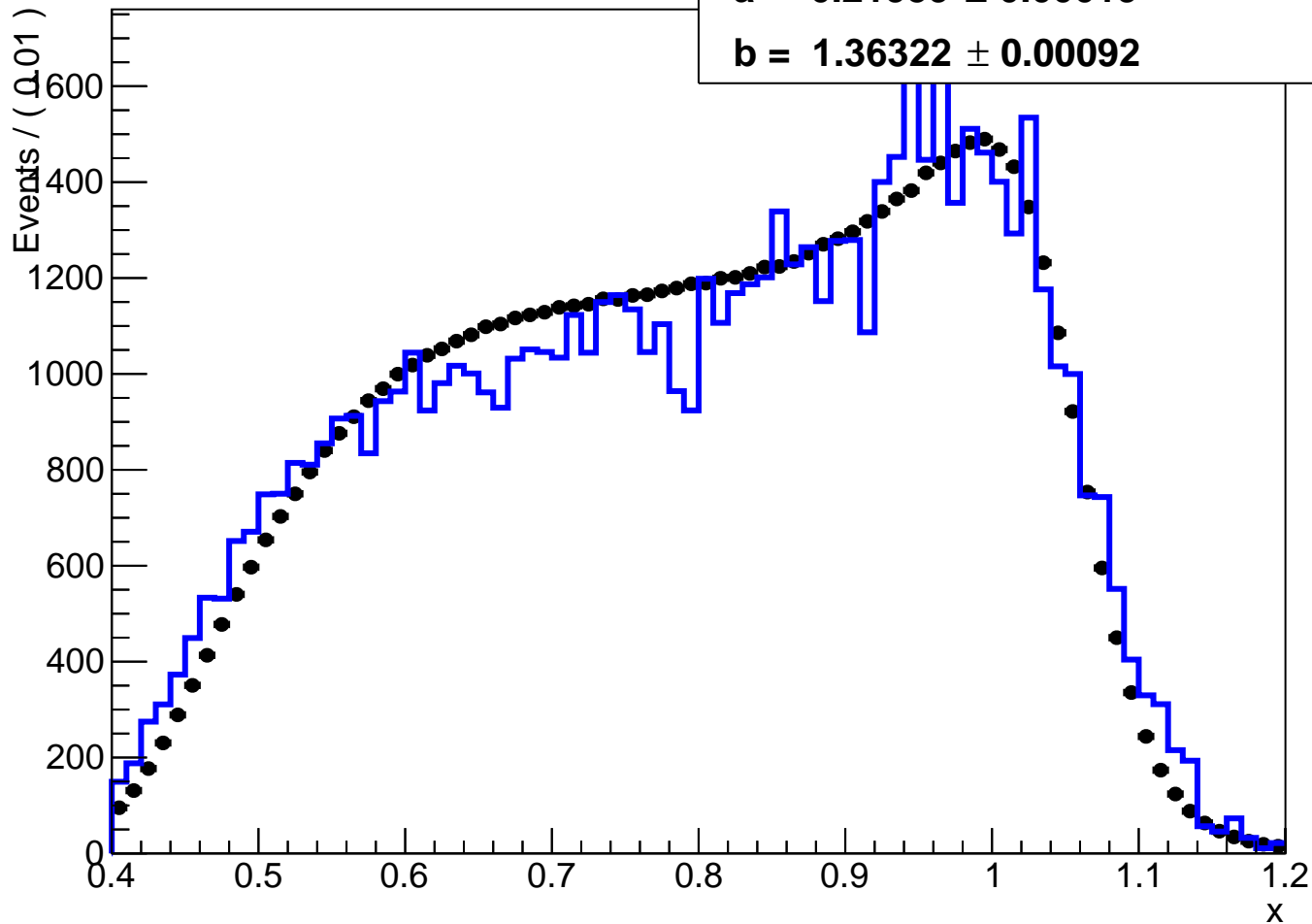
# $p(e+e^-) > 0.8 E_{\text{beam}}$ with no L1 positron hit



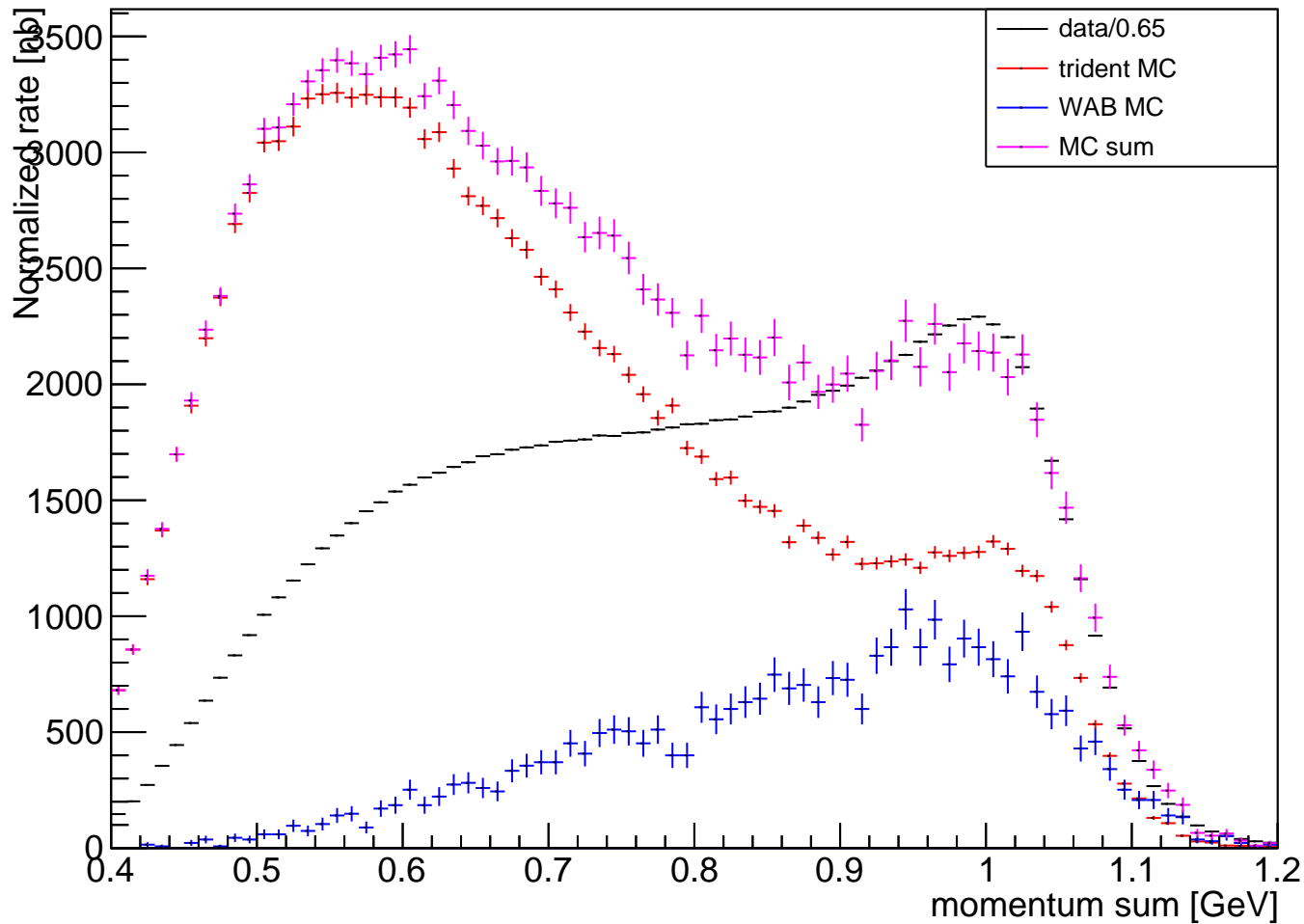
tarP

$$a = 0.21959 \pm 0.00019$$

$$b = 1.36322 \pm 0.00092$$



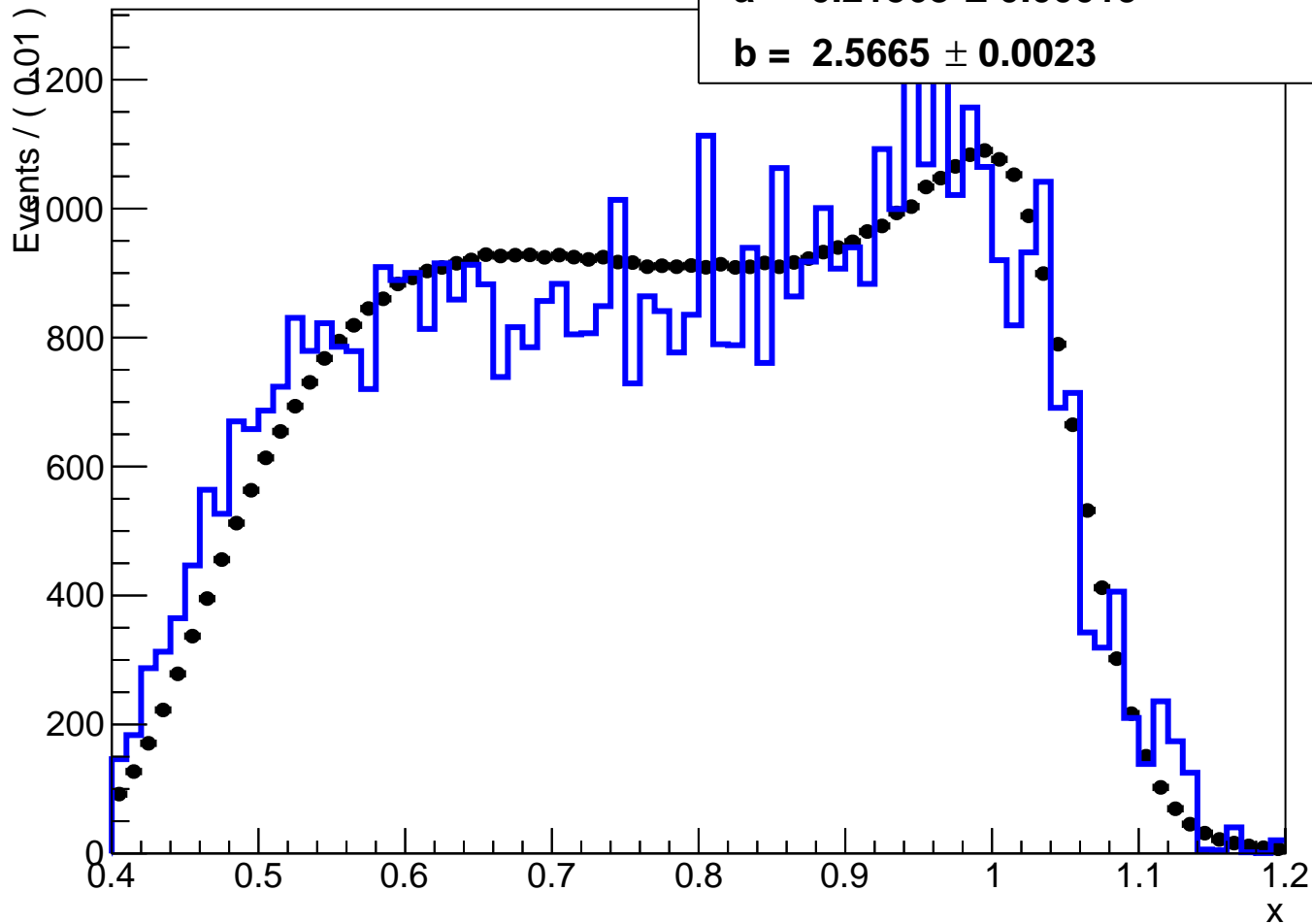
# All pairs



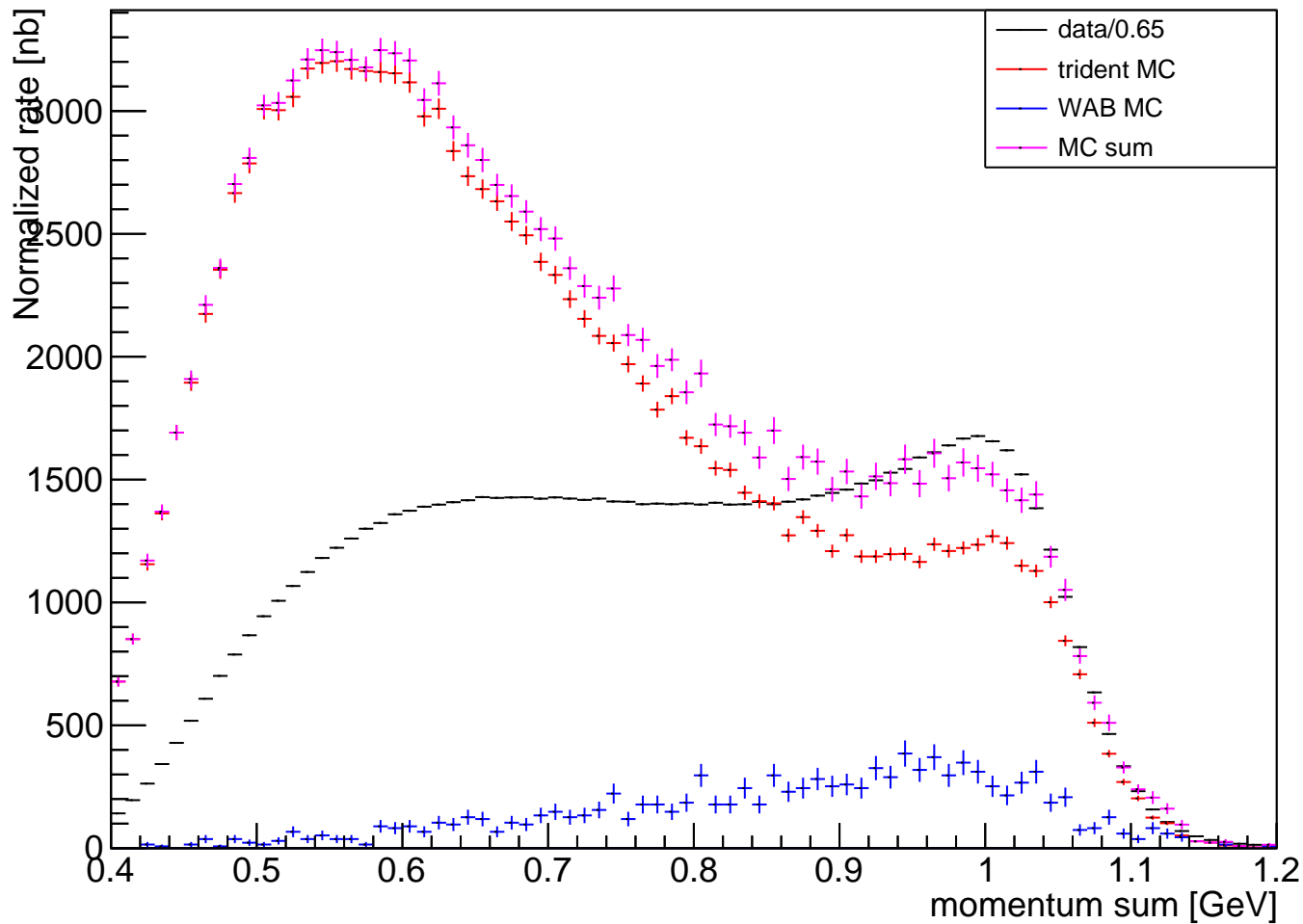
tarP {posHasL1}

**a =  $0.21568 \pm 0.00019$**

**b =  $2.5665 \pm 0.0023$**



# Pairs with L1 positron hit

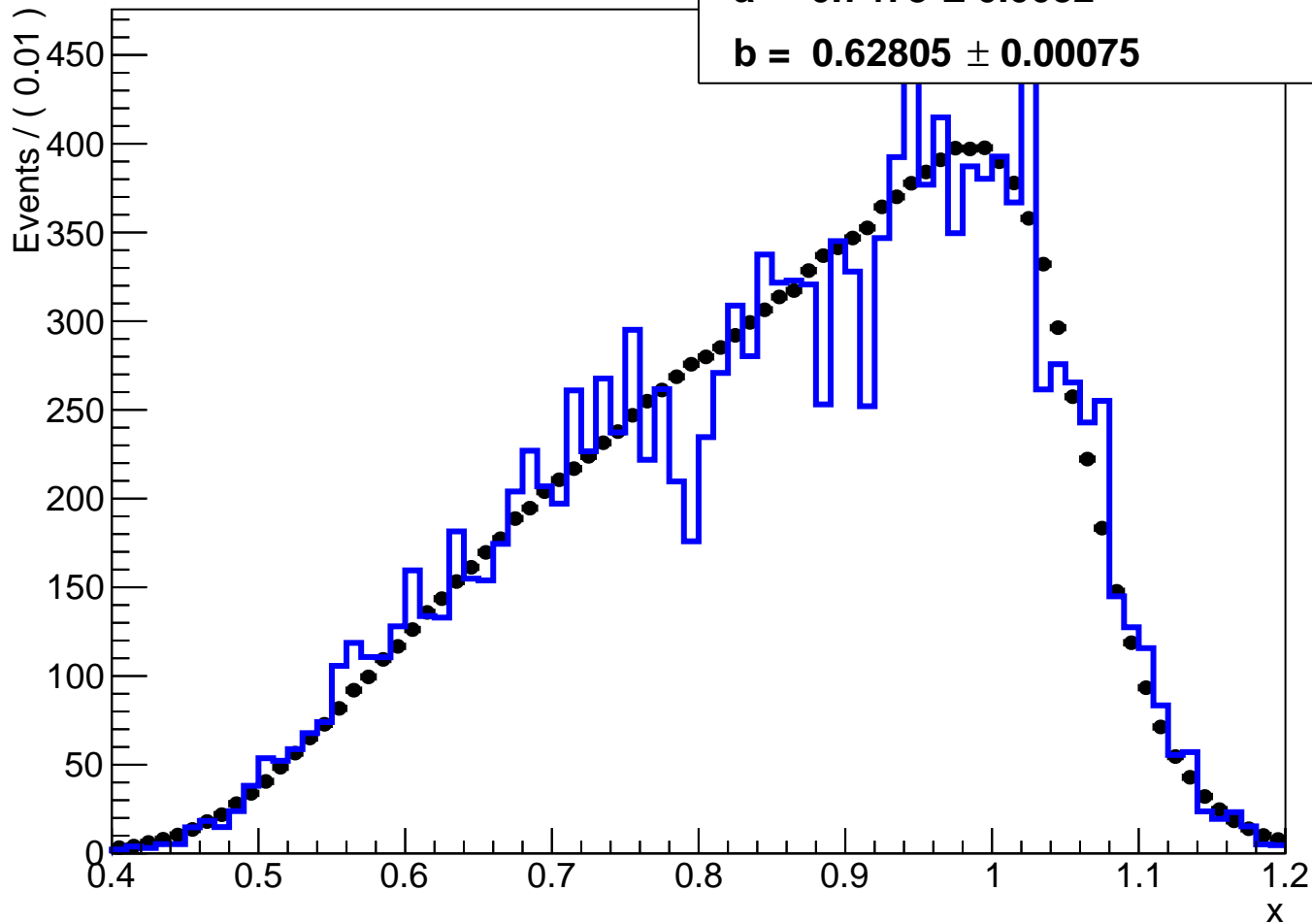




tarP {!posHasL1}

**a =  $0.7478 \pm 0.0032$**

**b =  $0.62805 \pm 0.00075$**



# Pairs with no L1 positron hit

