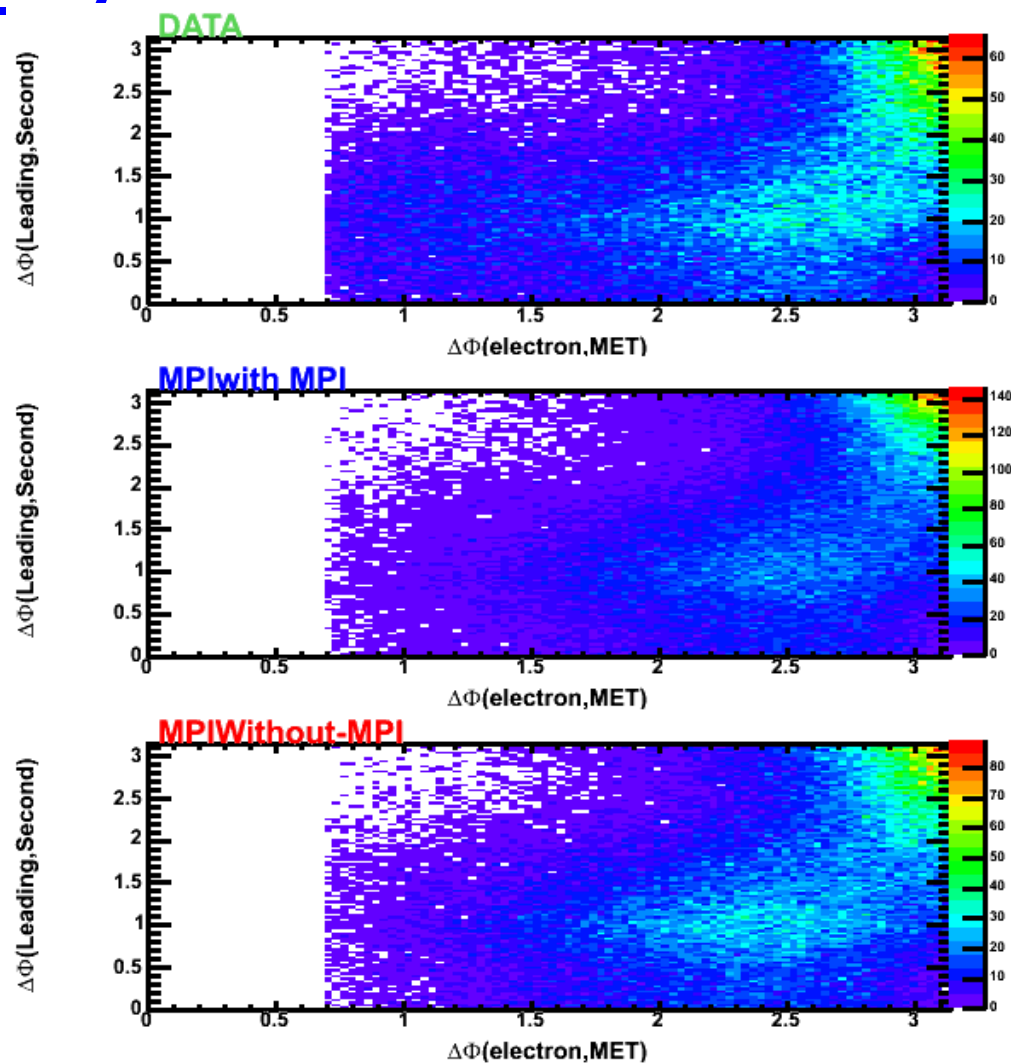


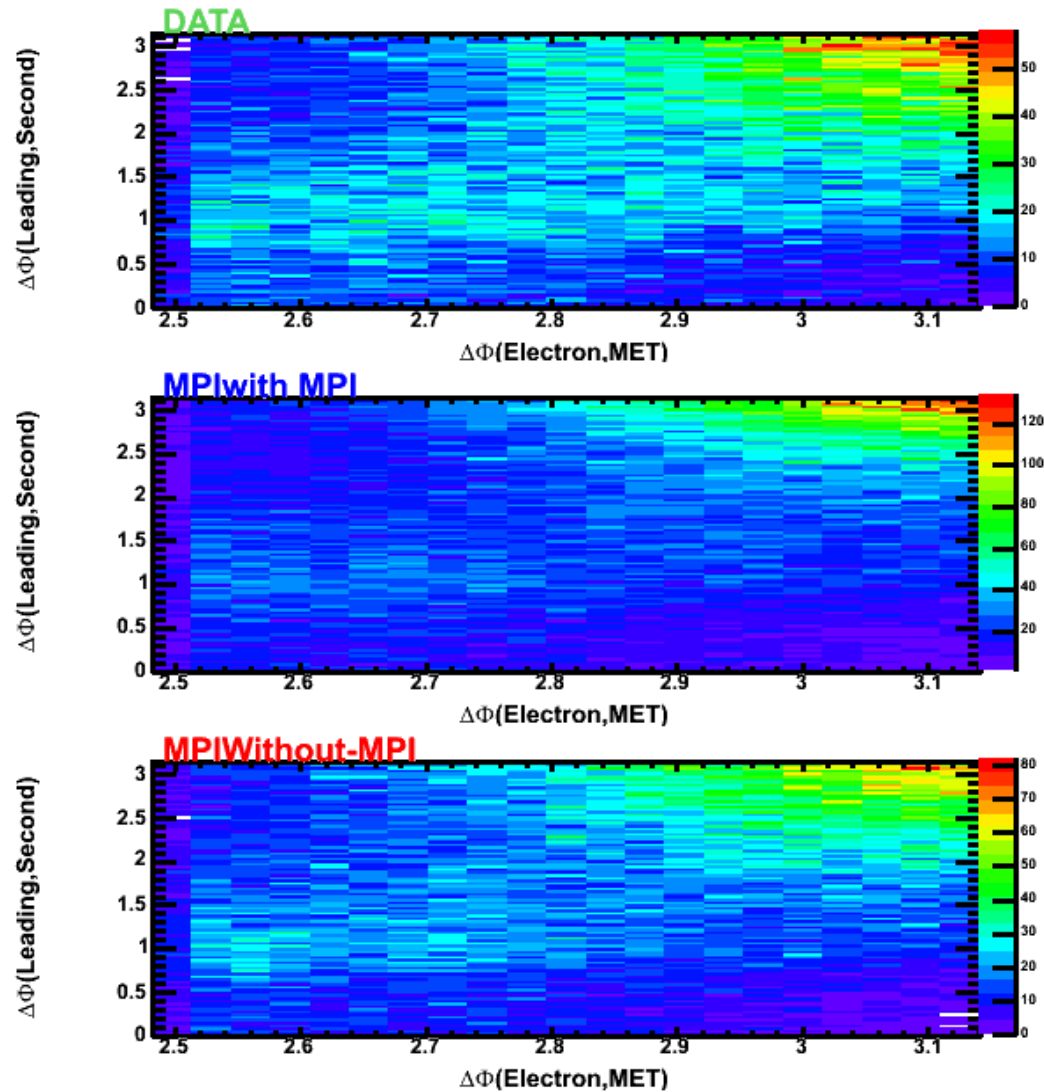
Selection Cuts	Data	MC with MPI	MC without MPI
Only Track 11 In Both Jets	<u>69983</u>	100268	81677
$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$	<u>32287</u>	51118	37969
$\Delta\phi(\text{Leading}, \text{Second}) > 2.9$	<u>4432</u>	9191	6192
$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$ $\Delta\phi(\text{Leading}, \text{Second}) > 2.9$	<u>3744</u>	8097	5128
SAME VERTEX	<u>7246</u>	17476	3850
DIFFERENT VERTEX	<u>4721</u>	7082	2773
2/20/2012			1

Selection Cuts	Data	MC with MPI	MC without MPI
$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$ SAME VERTEX	<u>3620</u>	9826	1709
$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$ DIFFERENT VERTICES	<u>2173</u>	4269	1684
$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$ $\Delta\phi(\text{Leading}, \text{Second}) > 2.9$ SAME VERTEX	<u>447</u>	1812	195
$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$ $\Delta\phi(\text{Leading}, \text{Second}) > 2.9$ DIFFERENT VERTICES	<u>275</u>	709	225
$\Delta\phi(\text{Leading}, \text{Second}) > 2.9$ SAME VERTEX	526	2024	259

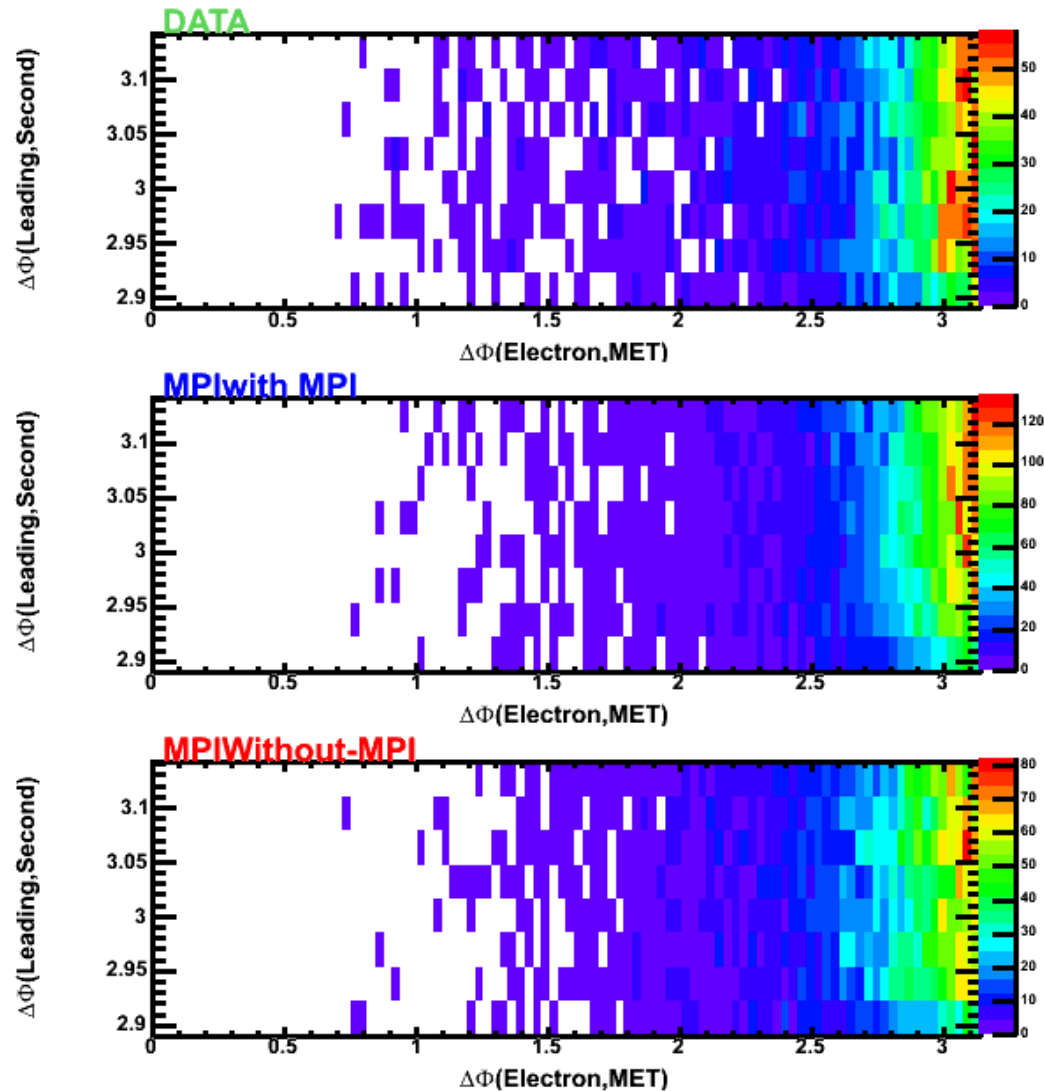
Only Track 11 Selection



Only $\Delta\phi(\text{Electron}, \text{MET}) > 2.5$

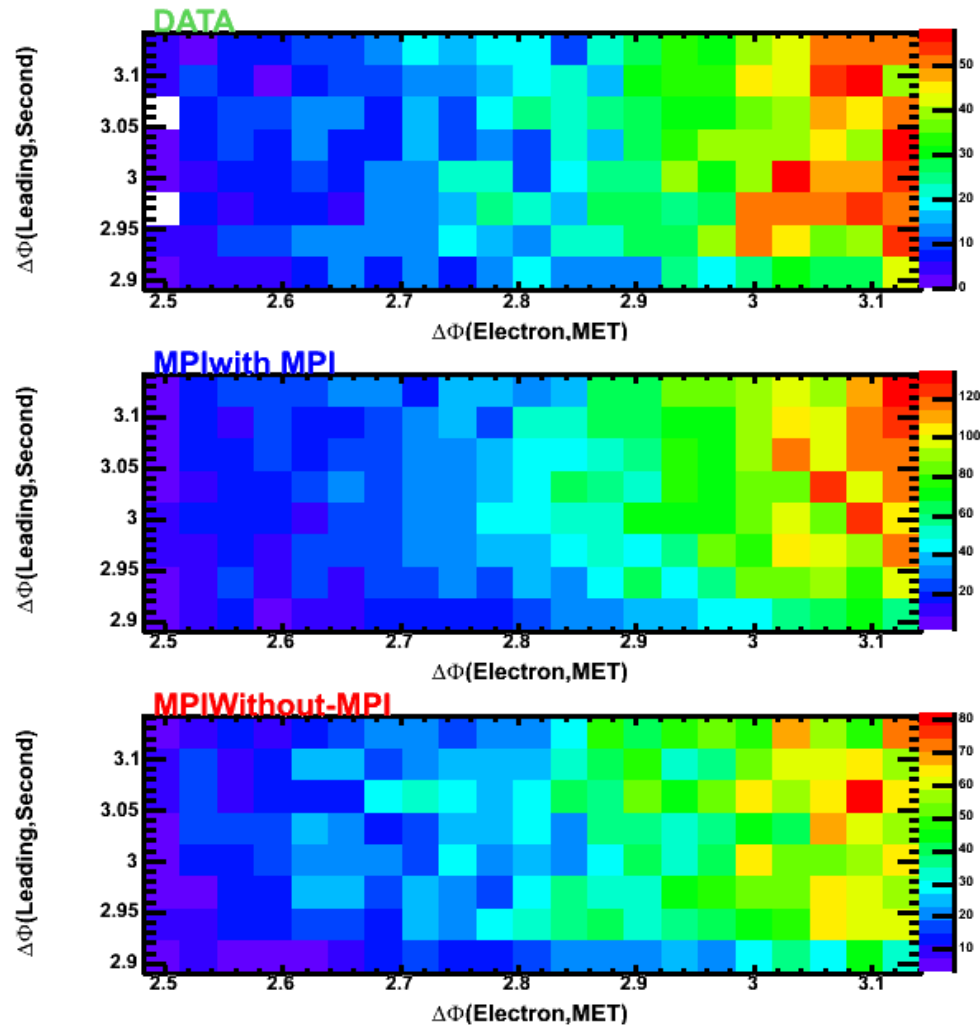


$\Delta\phi(\text{Leading,Second}) > 2.9$

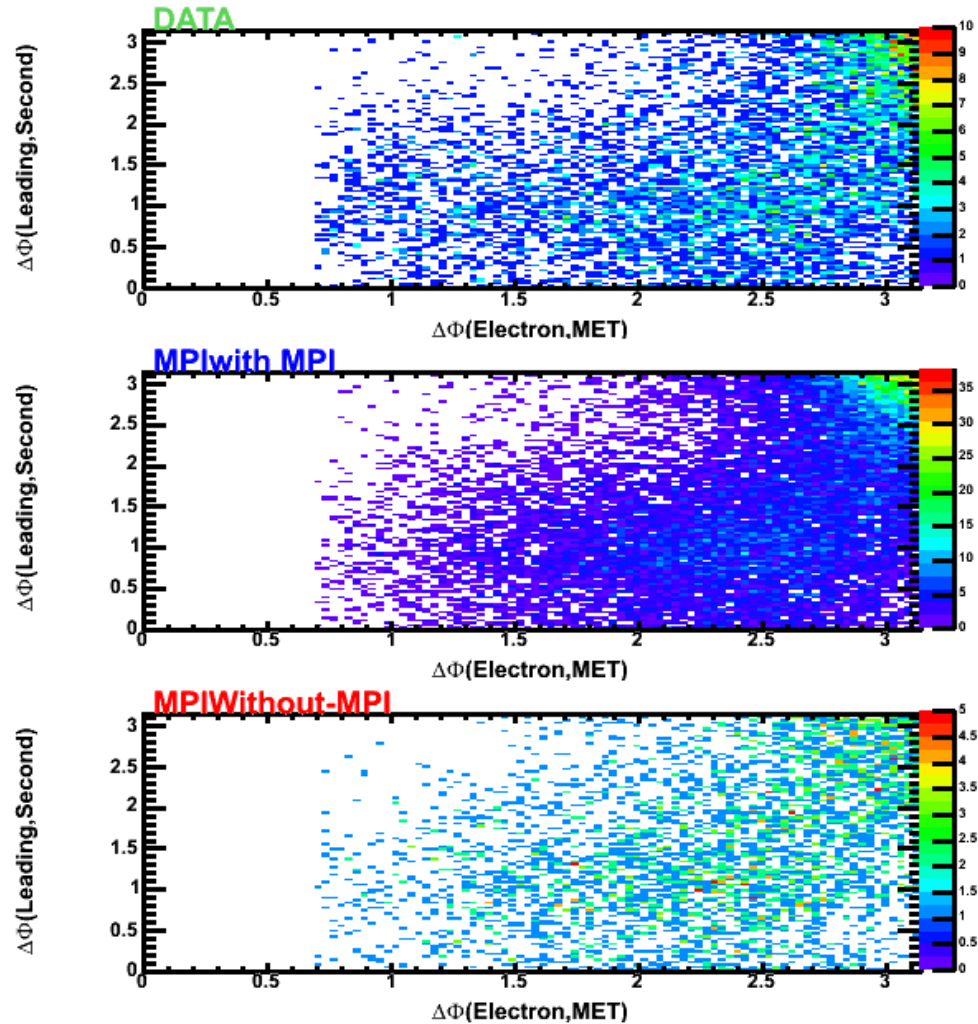


$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$

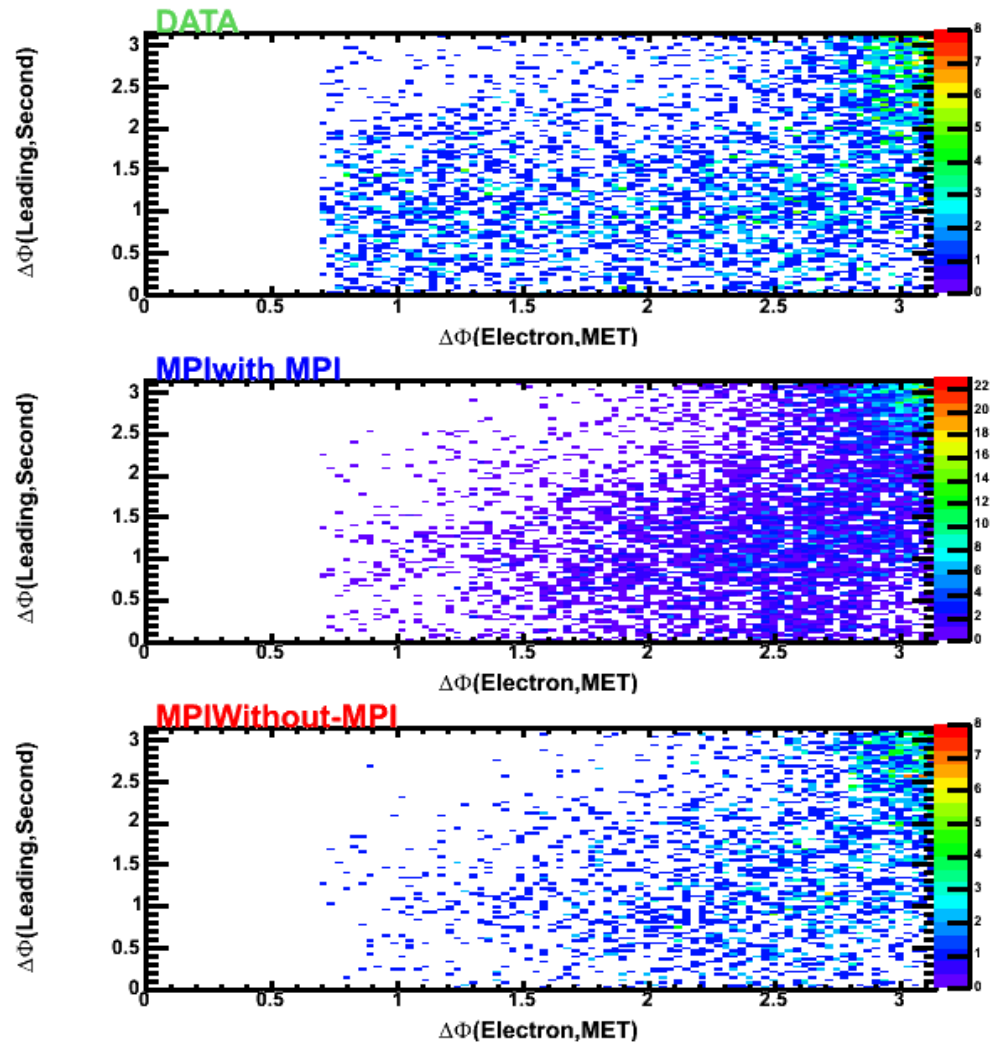
$\Delta\phi(\text{Leading}, \text{Second}) > 2.9$



SAME VERTEX

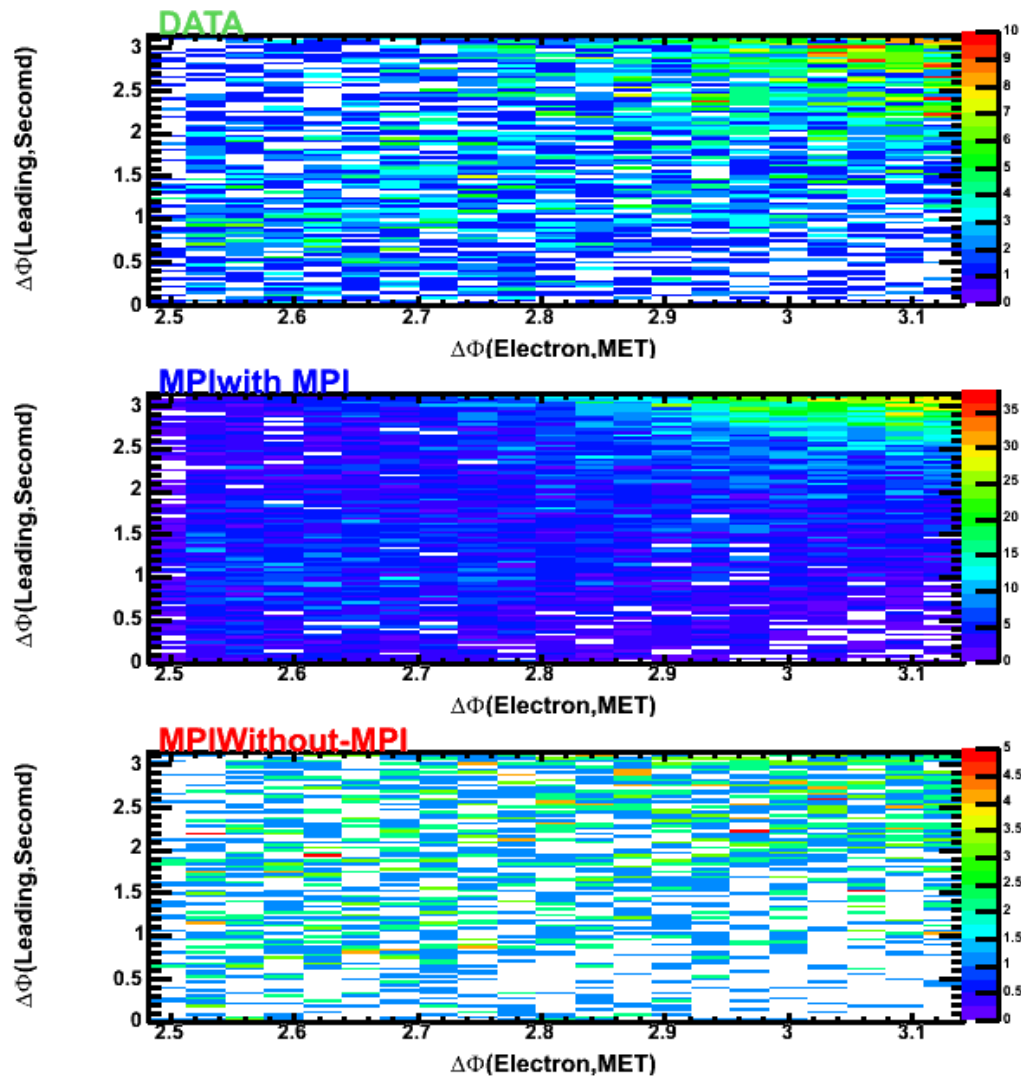


DIFFERENT VERTEX



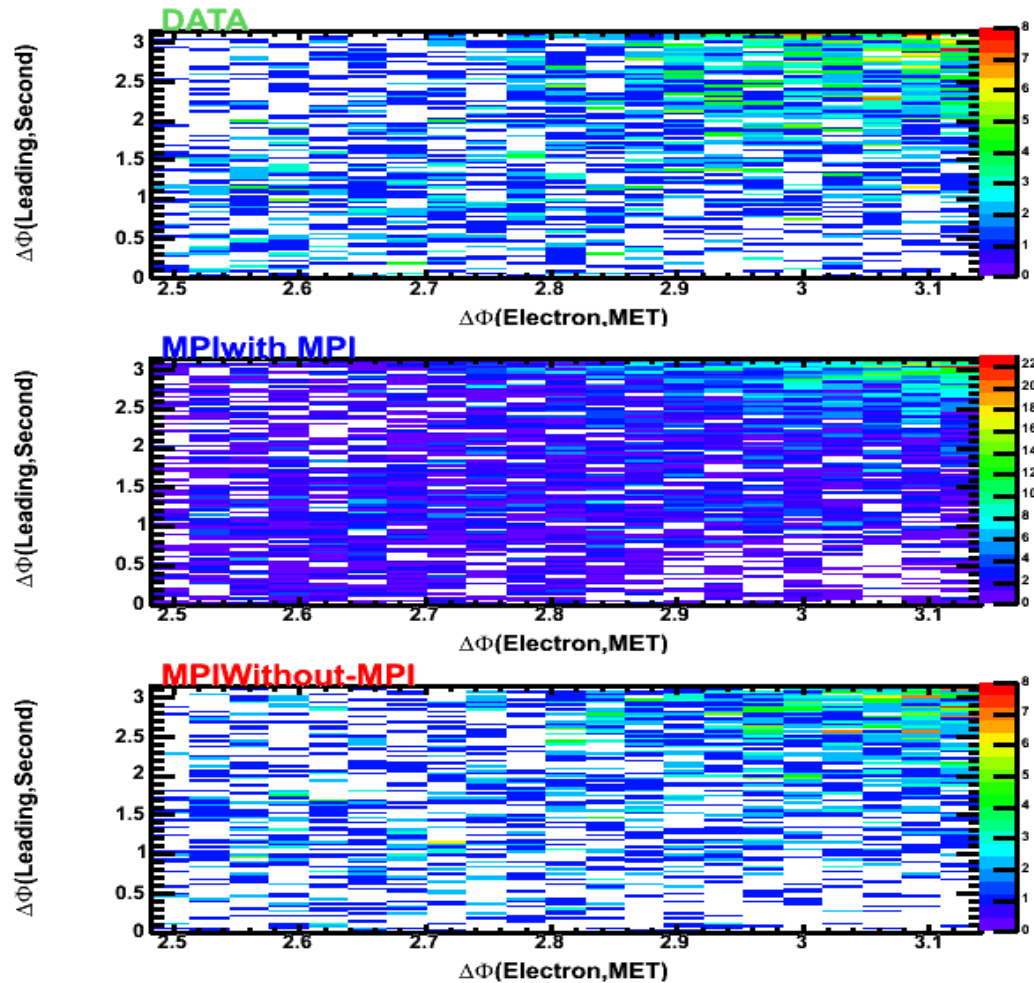
$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$

SAME VERTEX

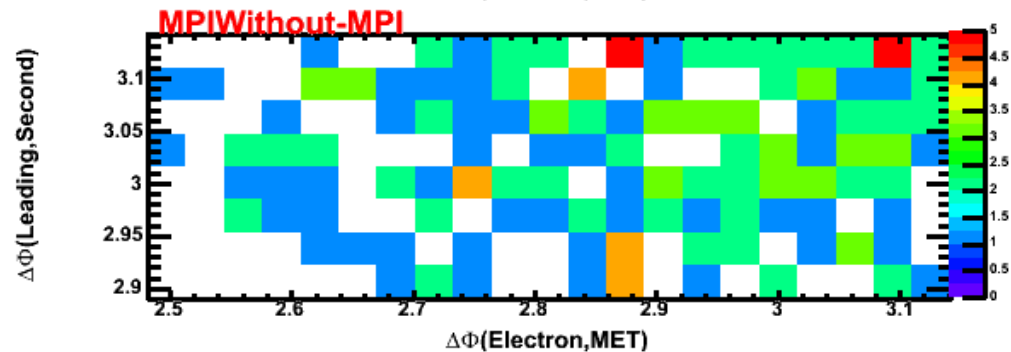
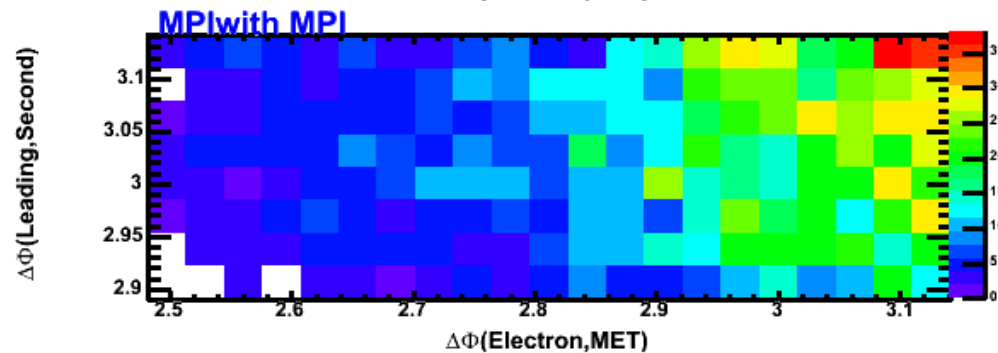
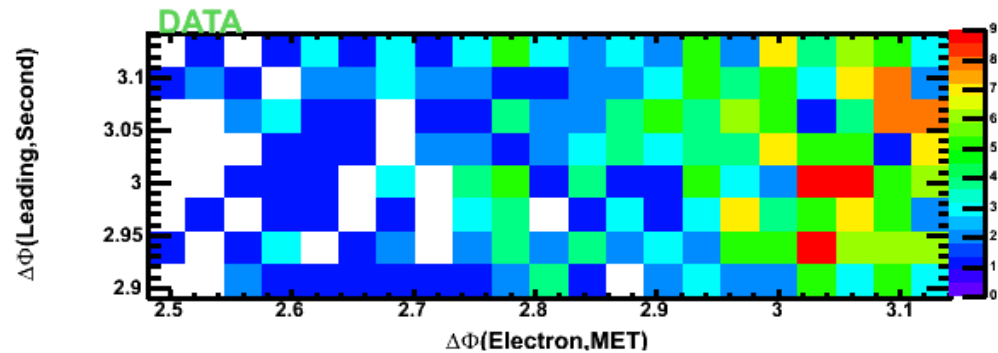


$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$

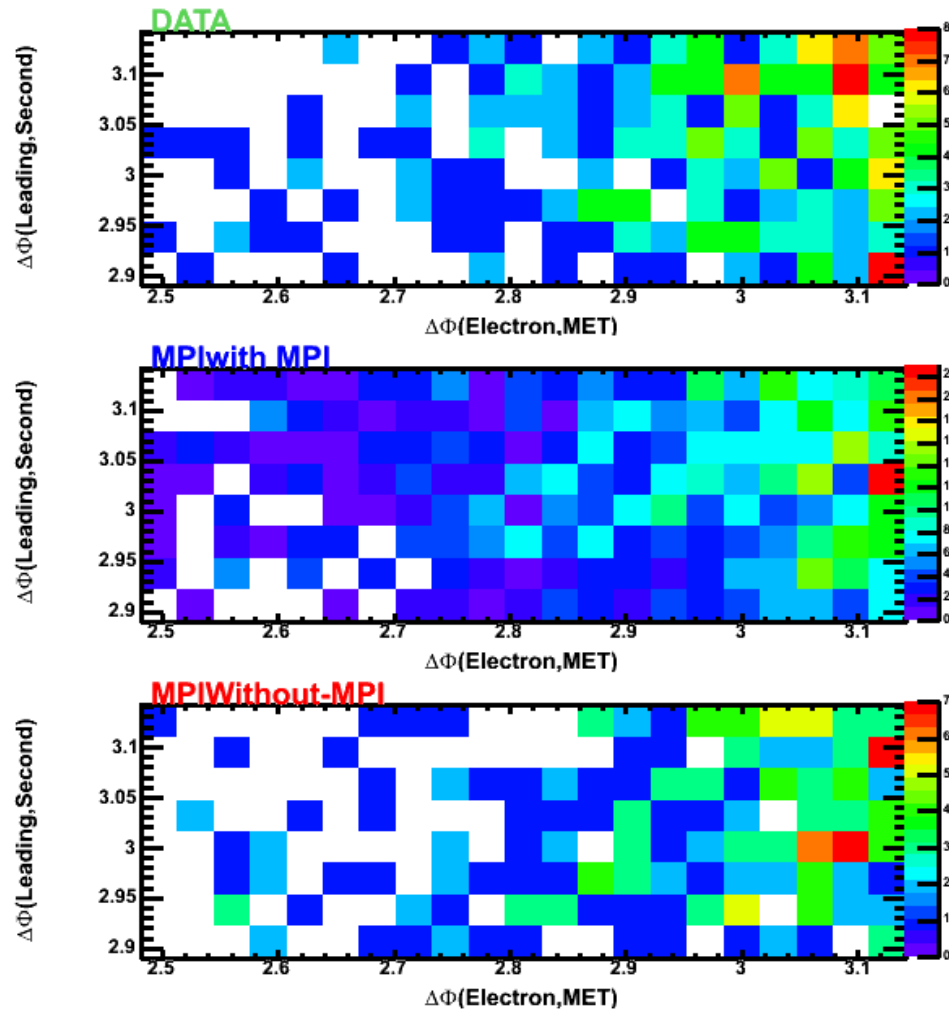
DIFFERENT VERTICES



$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$
 $\Delta\phi(\text{Leading}, \text{Second}) > 2.9$
SAME VERTEX



$\Delta\phi(\text{Electron}, \text{MET}) > 2.5$
 $\Delta\phi(\text{Leading}, \text{Second}) > 2.9$
DIFFERENT VERTICES



$$\Delta\phi(\text{Leading,Second}) > 2.9$$

SAME VERTEX

