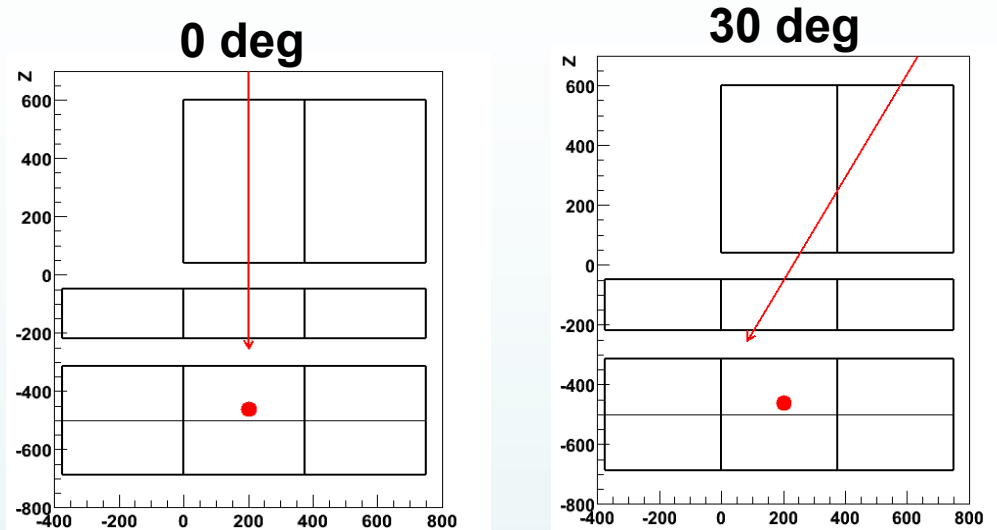


# Selected SPS Electron RUNS & MC

(data from SVAC & MERIT n-tuples)



## Position

- X = 201.17 mm;
- Y = -13.9 mm;
- Z = -47.4 mm

BT DATA → v1r030603p9

MC old → BTR-v4r0909p9

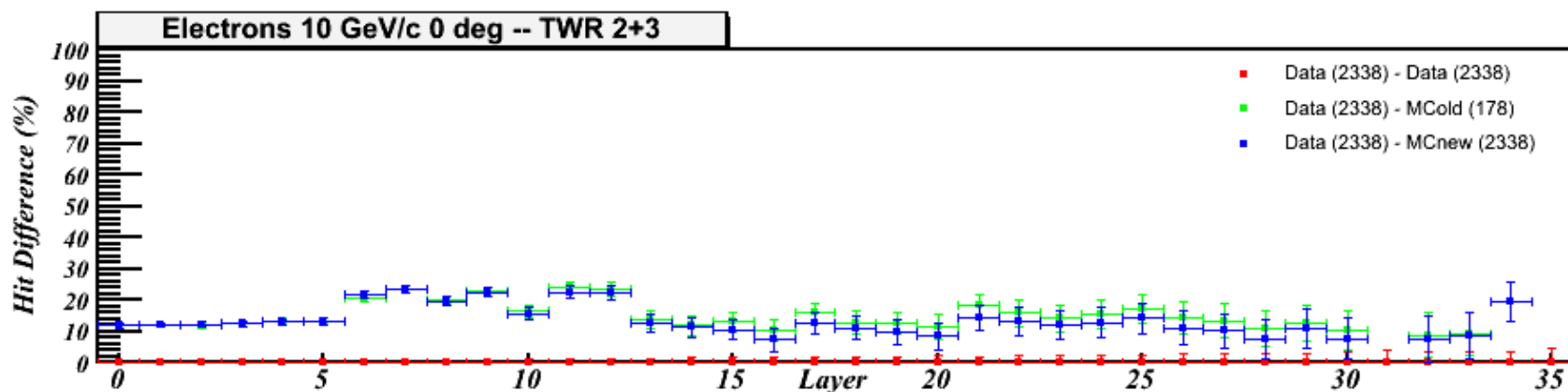
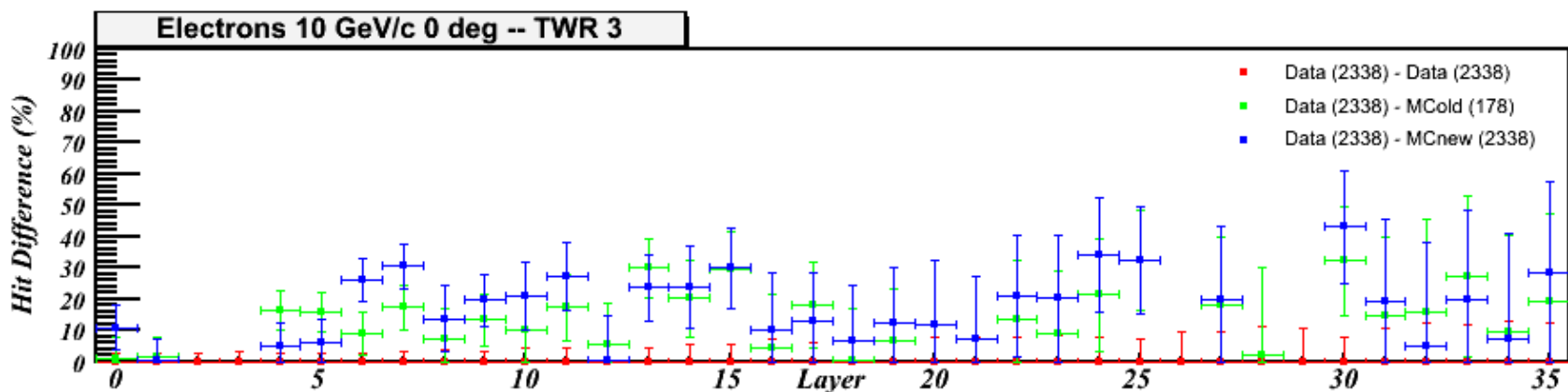
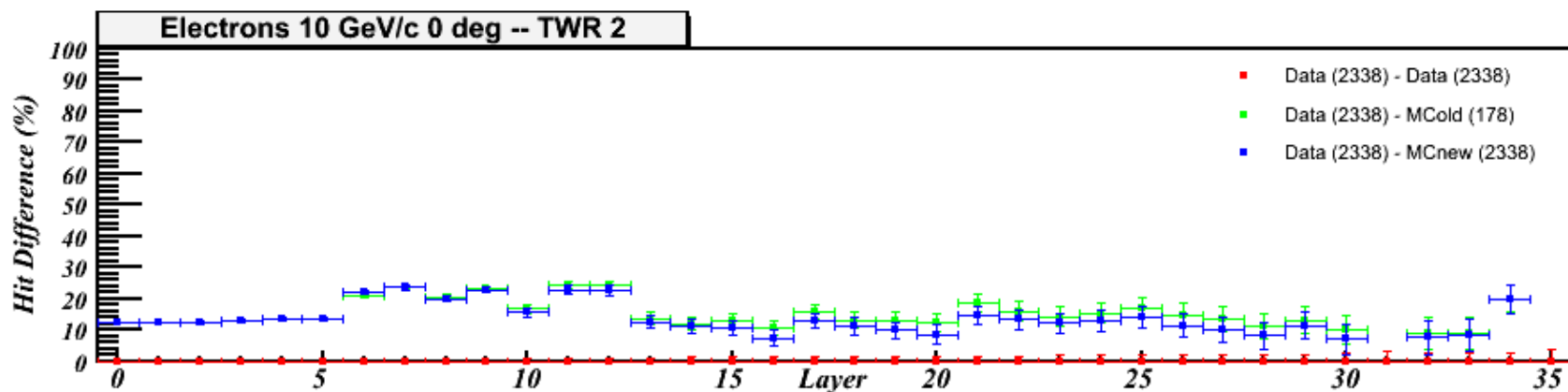
MC new → BTR-v6r0919p1

- Cuts:
- “GltTower” > -1;
  - “CalEneSum” > 0;
  - “TkrNumTracks” ≥ 1;
  - “Tkr1LastLayer” = 0;

Angle	Momentum	BT DATA	MC old	MC new
0 deg	10 GeV/c	700002338	178	2338
	20 GeV/c	700002082	176	2082
	50 GeV/c	700002039	172	2039
	100 GeV/c	700001980	162	1980
	200 GeV/c	700001885	164	
	282 GeV/c	700001922	166	1922
30 deg	10 GeV/c	700002353	179	2353
	20 GeV/c	700002096		2096
	50 GeV/c	700002054	173	2054
	100 GeV/c	700001999	169	1999
	200 GeV/c	700001902	168	1902
	282 GeV/c	700001942	167	1942

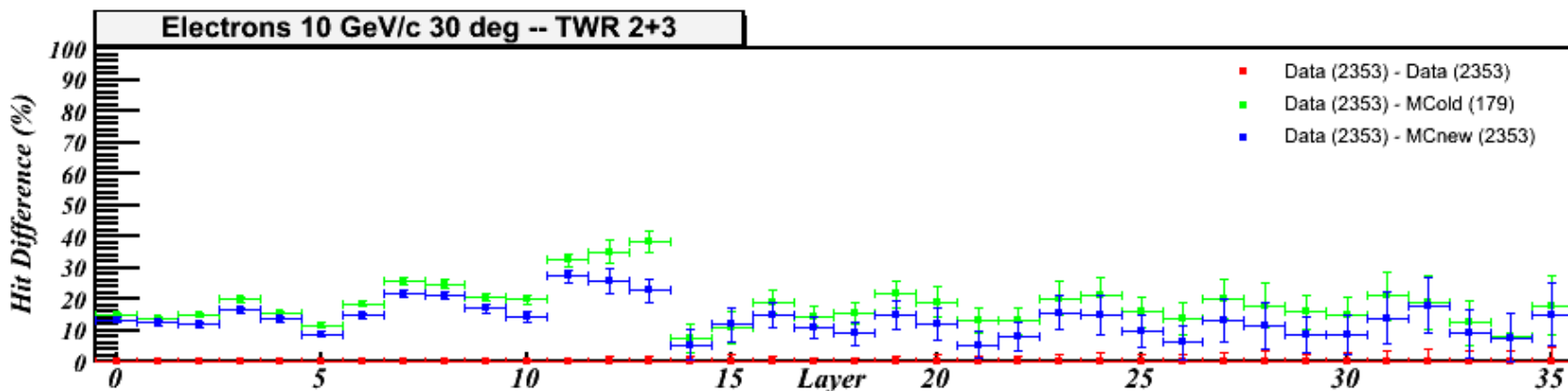
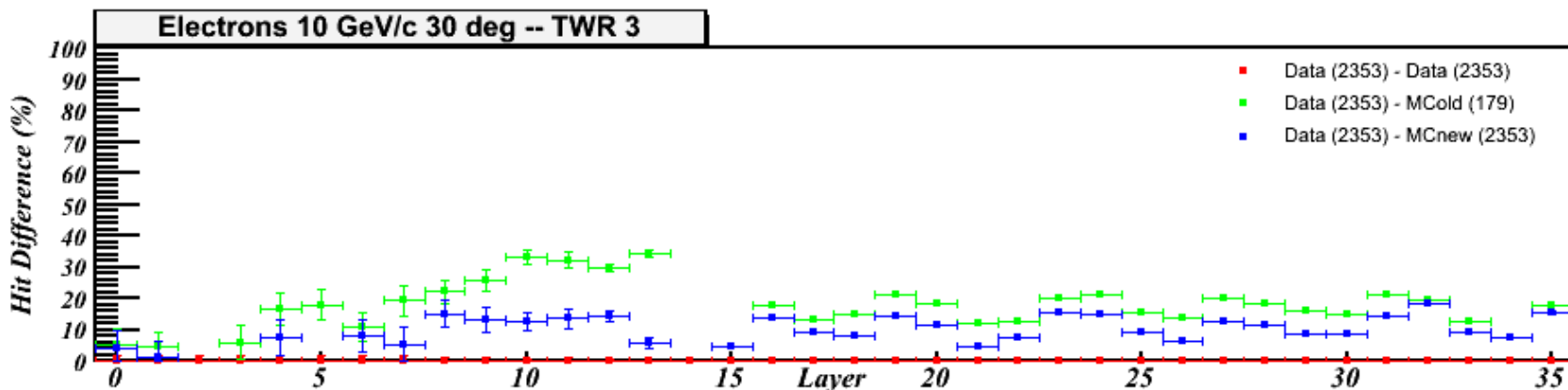
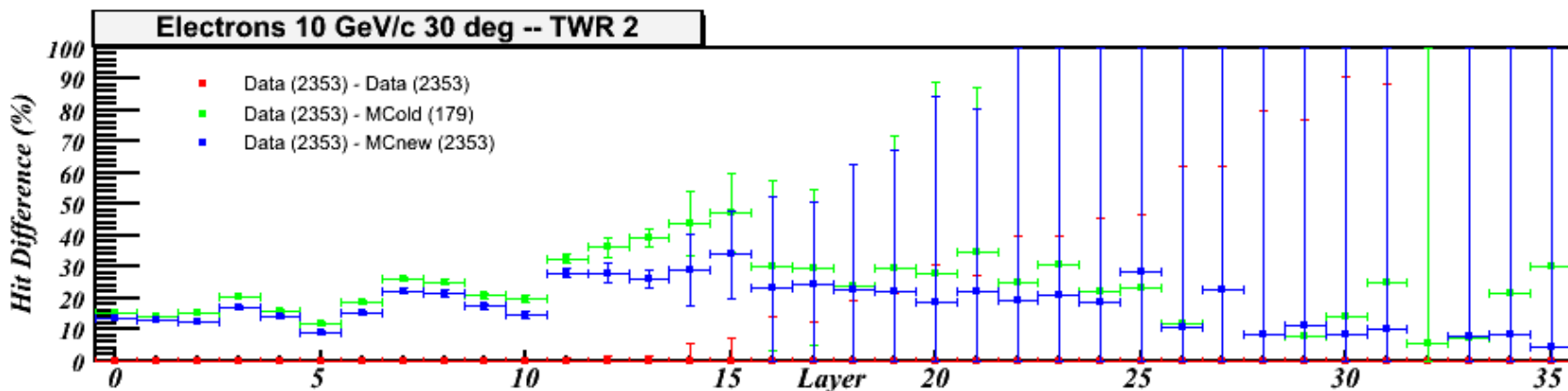
e<sup>-</sup> 10 GeV/c - 0deg

BT DATA – MC old – MC new Hit Differences



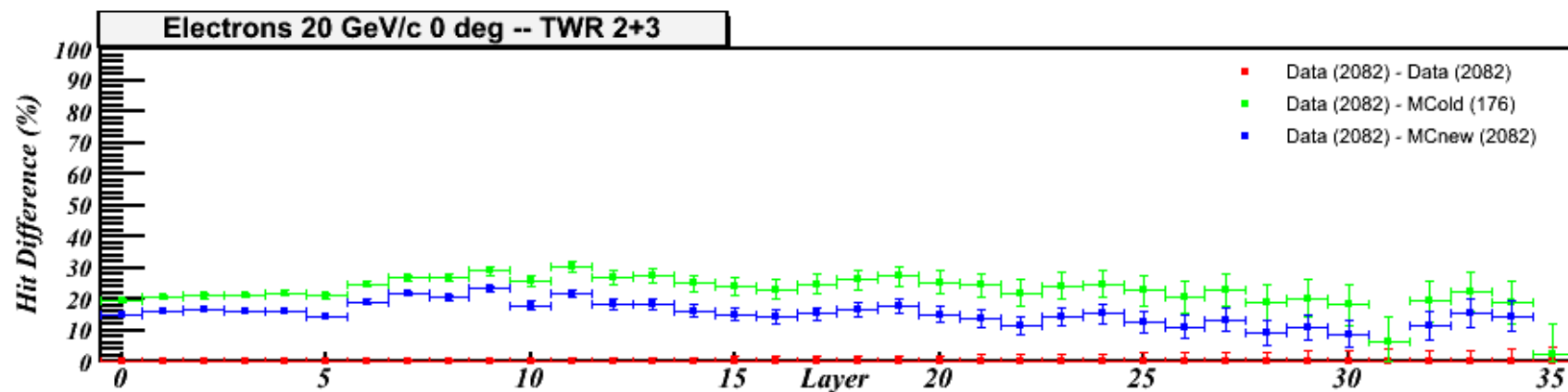
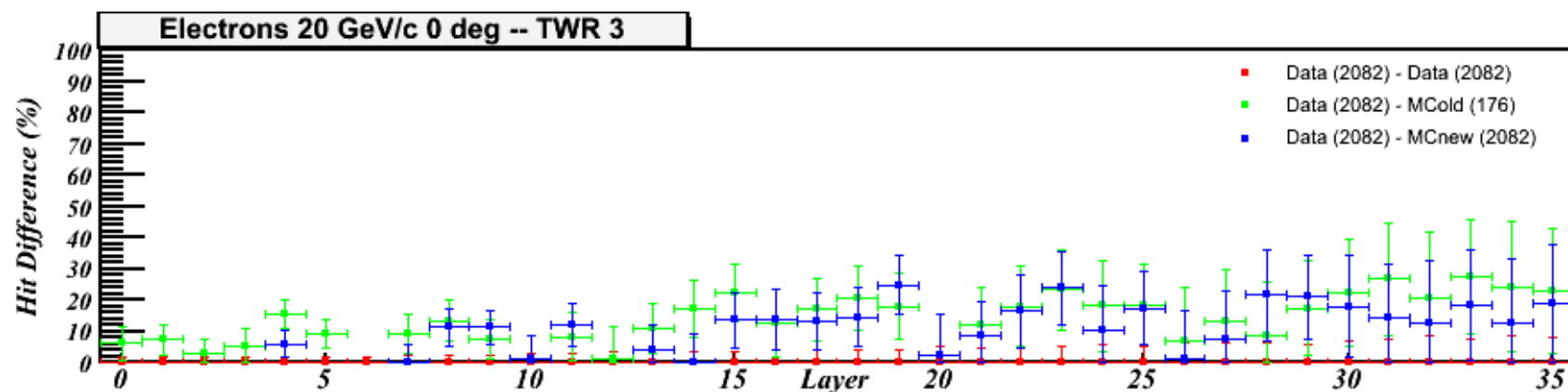
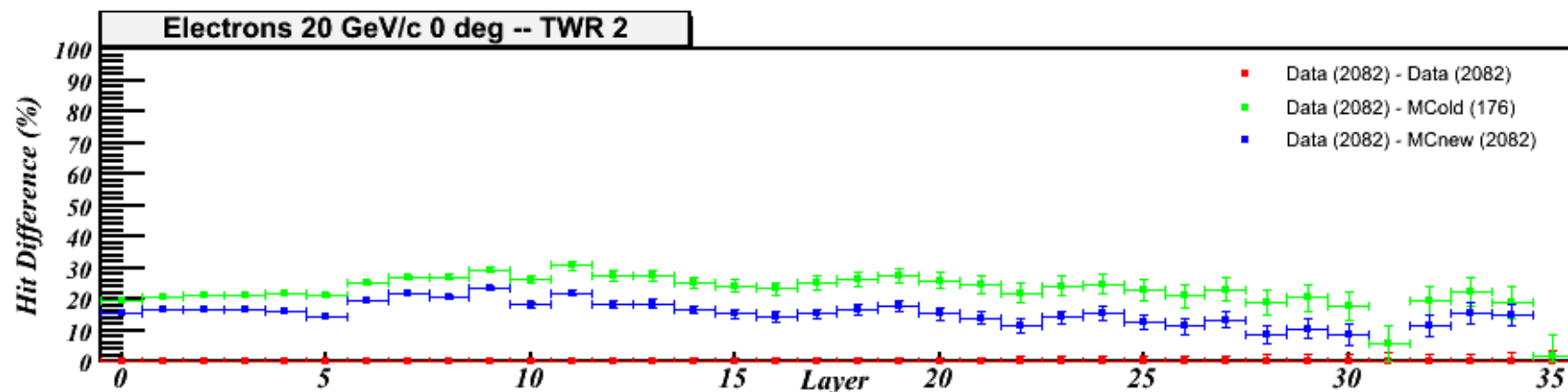
e<sup>-</sup> 10 GeV/c - 30deg

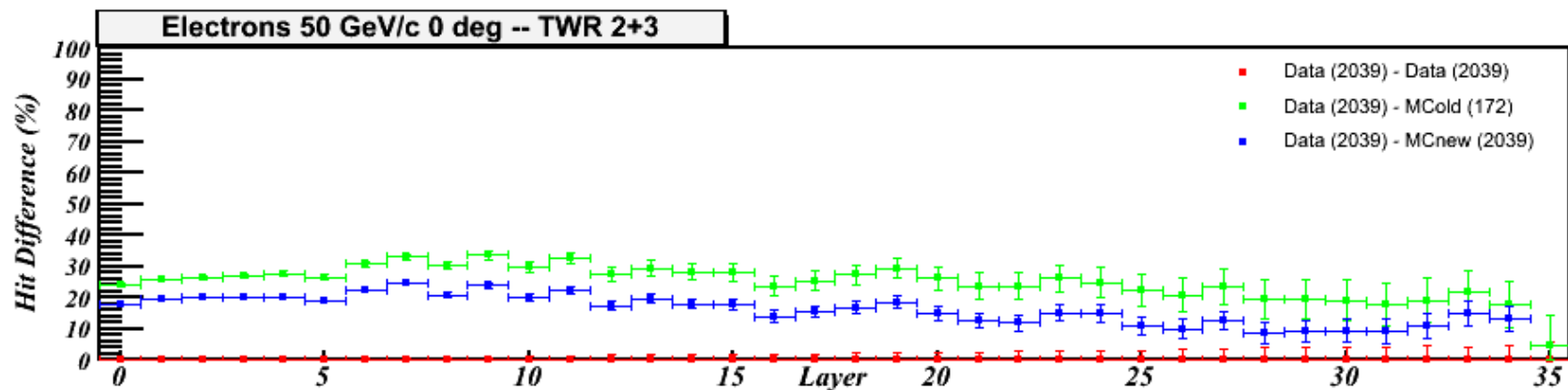
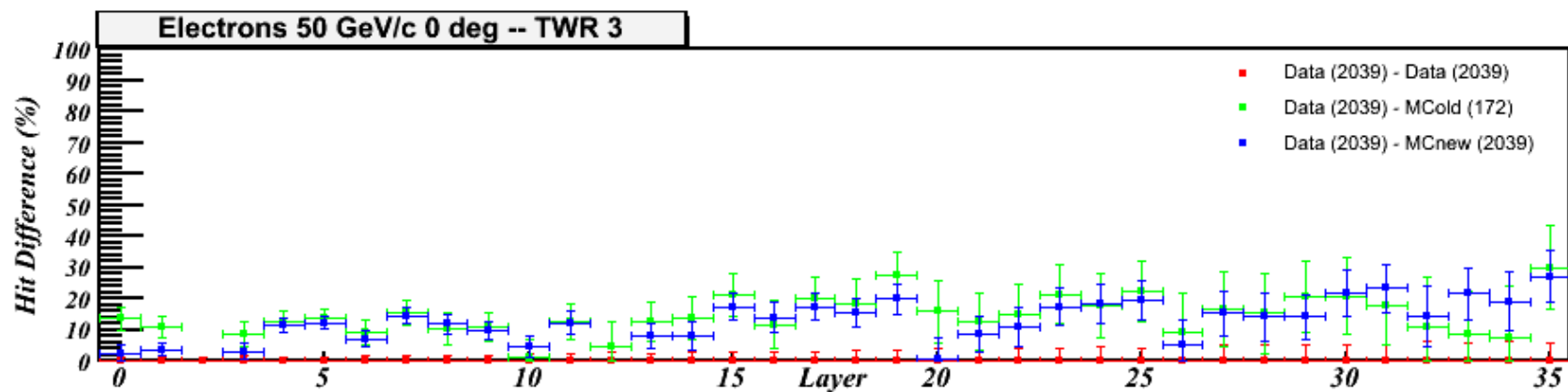
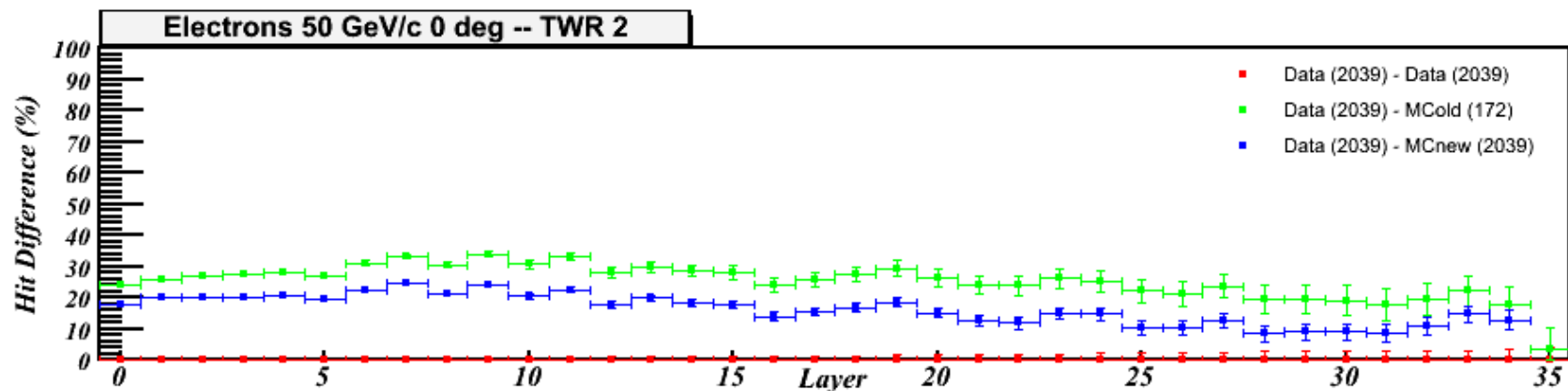
BT DATA – MC old – MC new Hit Differences

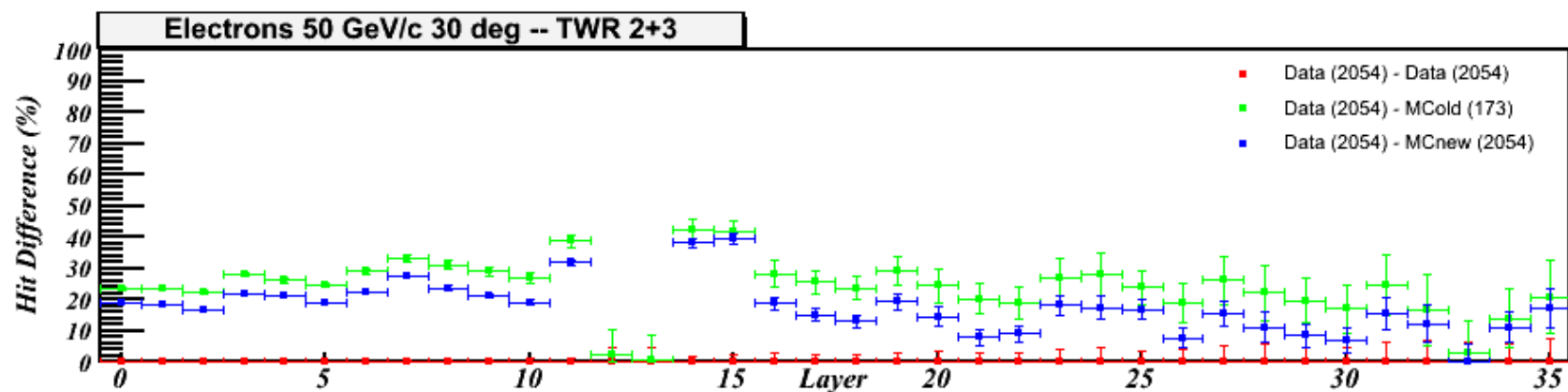
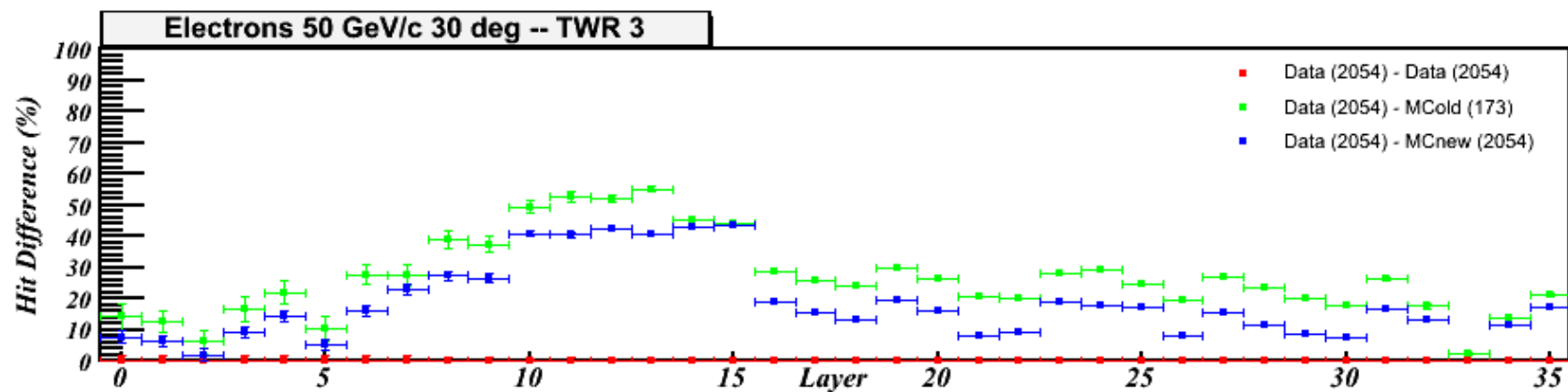
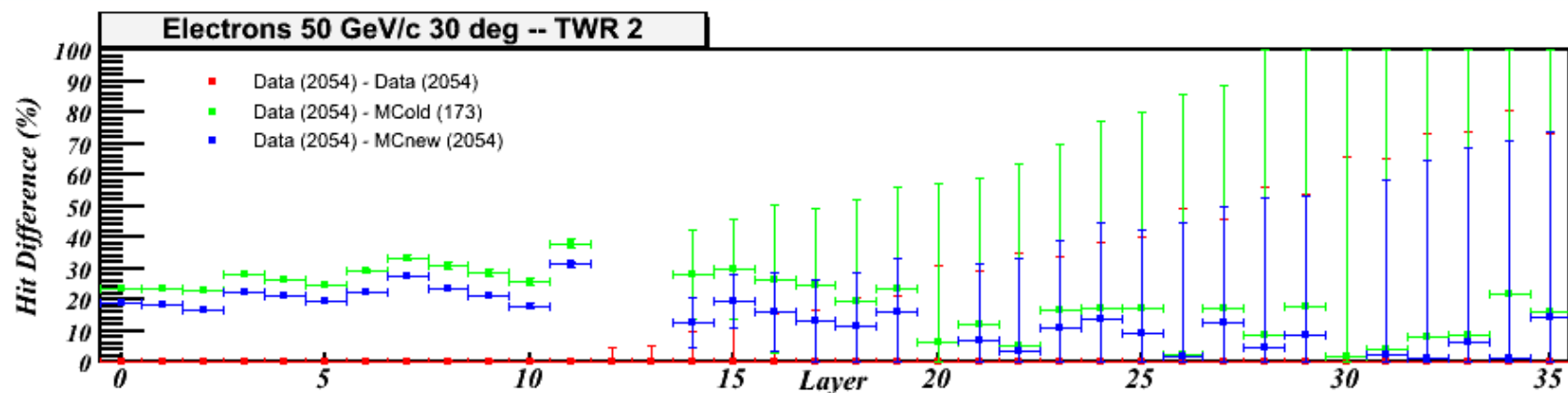


e<sup>-</sup> 20 GeV/c - 0deg

BT DATA – MC old – MC new Hit Differences

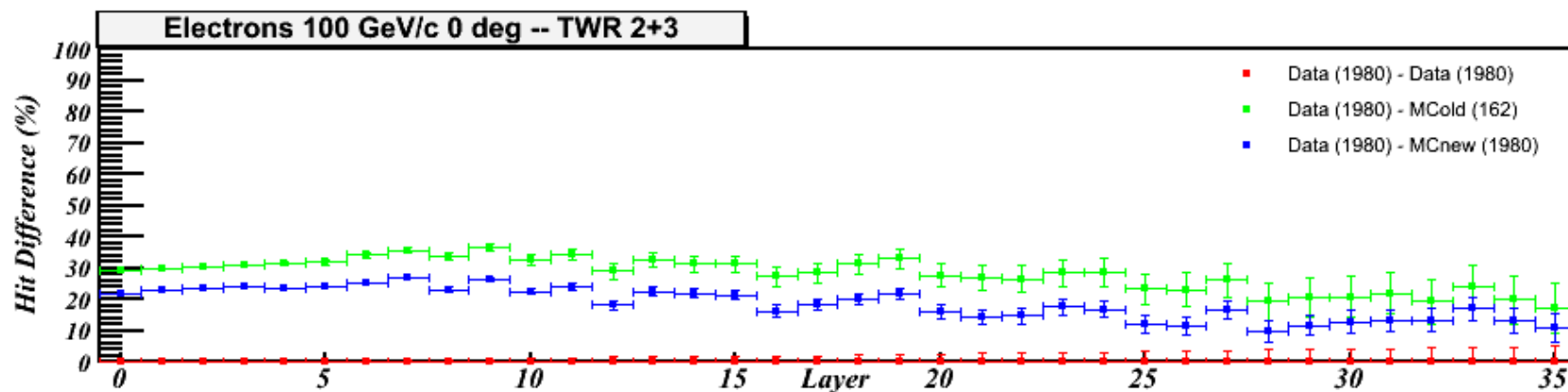
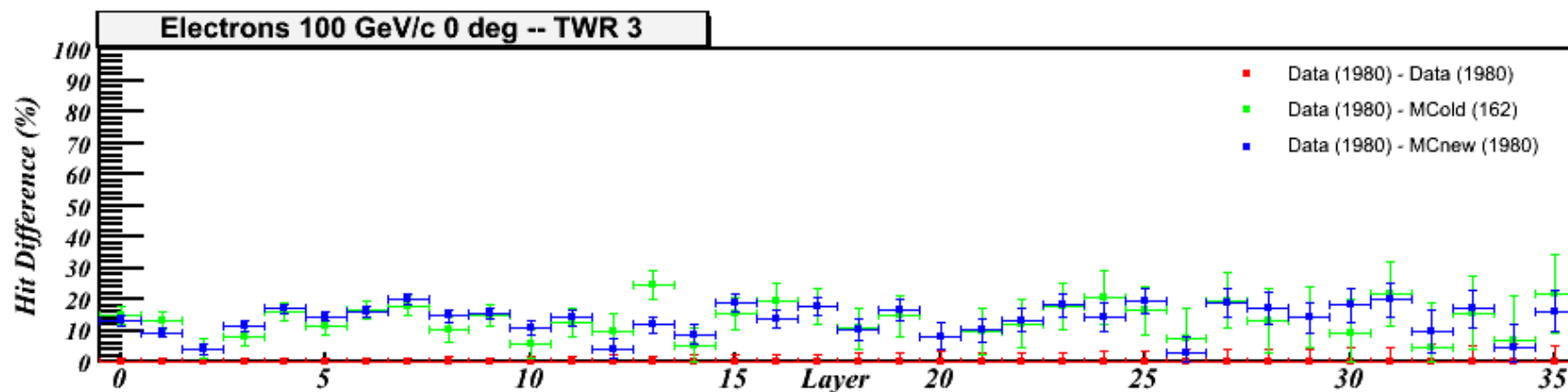
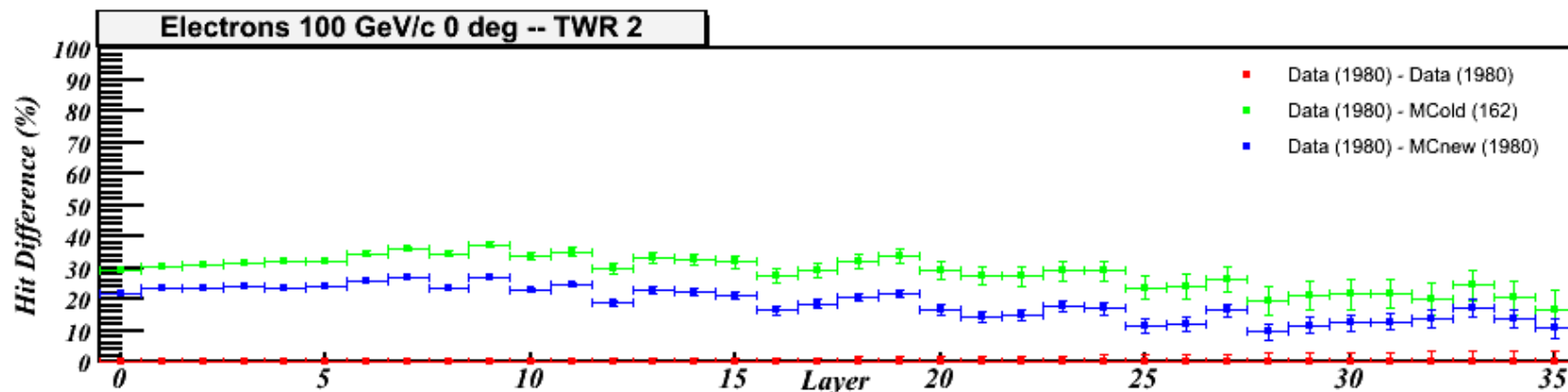






e<sup>-</sup> 100 GeV/c - 0deg

BT DATA – MC old – MC new Hit Differences





e<sup>-</sup> 100 GeV/c - 30deg

BT DATA – MC old – MC new Hit Differences

