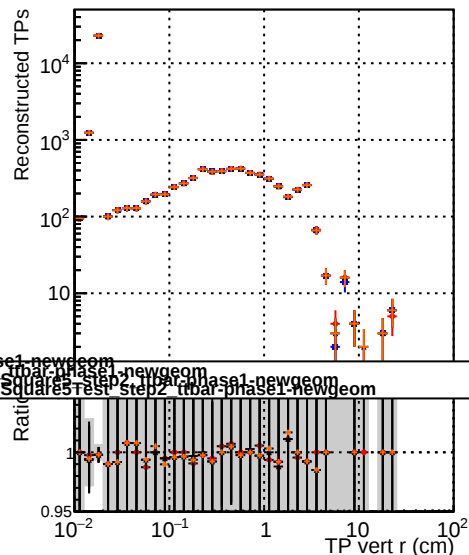


N of simulated tracks vs transverse vert position



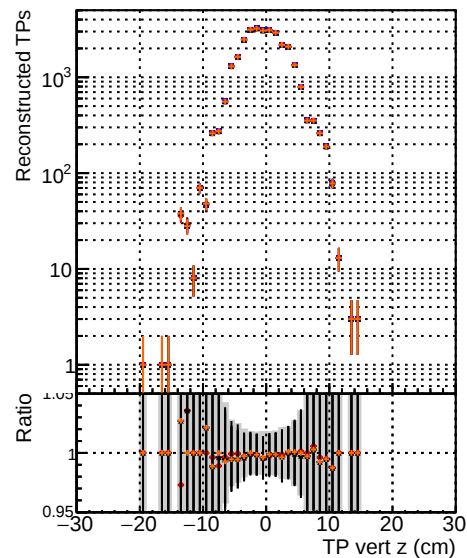
N of associated tracks (simToReco) vs transverse vert position



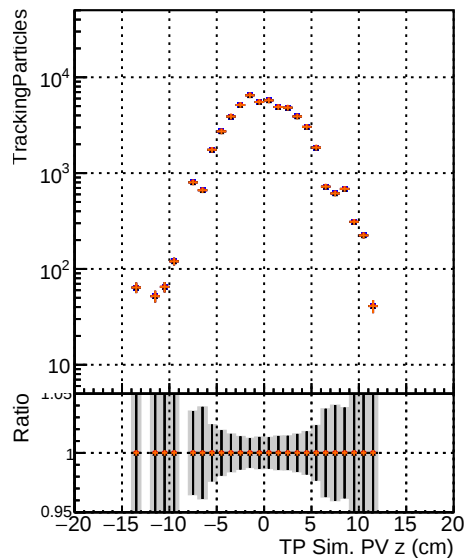
### N of simulated tracks vs z vert position



N of associated tracks (simToReco) vs z vert position



| N of simulated tracks vs. sim PV z |     |
|------------------------------------|-----|
| 0                                  | 0   |
| 1                                  | 1   |
| 2                                  | 2   |
| 3                                  | 3   |
| 4                                  | 4   |
| 5                                  | 5   |
| 6                                  | 6   |
| 7                                  | 7   |
| 8                                  | 8   |
| 9                                  | 9   |
| 10                                 | 10  |
| 11                                 | 11  |
| 12                                 | 12  |
| 13                                 | 13  |
| 14                                 | 14  |
| 15                                 | 15  |
| 16                                 | 16  |
| 17                                 | 17  |
| 18                                 | 18  |
| 19                                 | 19  |
| 20                                 | 20  |
| 21                                 | 21  |
| 22                                 | 22  |
| 23                                 | 23  |
| 24                                 | 24  |
| 25                                 | 25  |
| 26                                 | 26  |
| 27                                 | 27  |
| 28                                 | 28  |
| 29                                 | 29  |
| 30                                 | 30  |
| 31                                 | 31  |
| 32                                 | 32  |
| 33                                 | 33  |
| 34                                 | 34  |
| 35                                 | 35  |
| 36                                 | 36  |
| 37                                 | 37  |
| 38                                 | 38  |
| 39                                 | 39  |
| 40                                 | 40  |
| 41                                 | 41  |
| 42                                 | 42  |
| 43                                 | 43  |
| 44                                 | 44  |
| 45                                 | 45  |
| 46                                 | 46  |
| 47                                 | 47  |
| 48                                 | 48  |
| 49                                 | 49  |
| 50                                 | 50  |
| 51                                 | 51  |
| 52                                 | 52  |
| 53                                 | 53  |
| 54                                 | 54  |
| 55                                 | 55  |
| 56                                 | 56  |
| 57                                 | 57  |
| 58                                 | 58  |
| 59                                 | 59  |
| 60                                 | 60  |
| 61                                 | 61  |
| 62                                 | 62  |
| 63                                 | 63  |
| 64                                 | 64  |
| 65                                 | 65  |
| 66                                 | 66  |
| 67                                 | 67  |
| 68                                 | 68  |
| 69                                 | 69  |
| 70                                 | 70  |
| 71                                 | 71  |
| 72                                 | 72  |
| 73                                 | 73  |
| 74                                 | 74  |
| 75                                 | 75  |
| 76                                 | 76  |
| 77                                 | 77  |
| 78                                 | 78  |
| 79                                 | 79  |
| 80                                 | 80  |
| 81                                 | 81  |
| 82                                 | 82  |
| 83                                 | 83  |
| 84                                 | 84  |
| 85                                 | 85  |
| 86                                 | 86  |
| 87                                 | 87  |
| 88                                 | 88  |
| 89                                 | 89  |
| 90                                 | 90  |
| 91                                 | 91  |
| 92                                 | 92  |
| 93                                 | 93  |
| 94                                 | 94  |
| 95                                 | 95  |
| 96                                 | 96  |
| 97                                 | 97  |
| 98                                 | 98  |
| 99                                 | 99  |
| 100                                | 100 |



N of associated tracks (simToReco) vs. sim PV z

