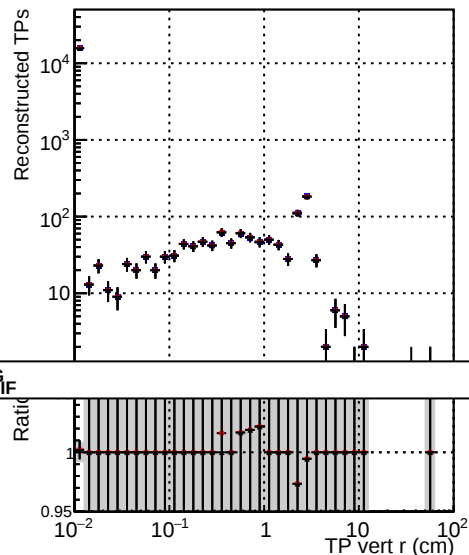


### N of simulated tracks vs transverse vert position



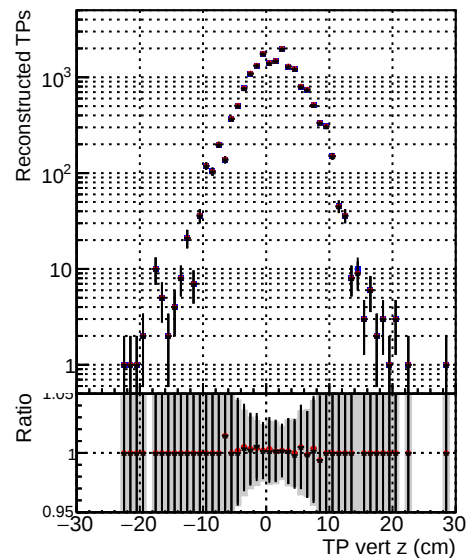
N of associated tracks (simToReco) vs transverse vert position



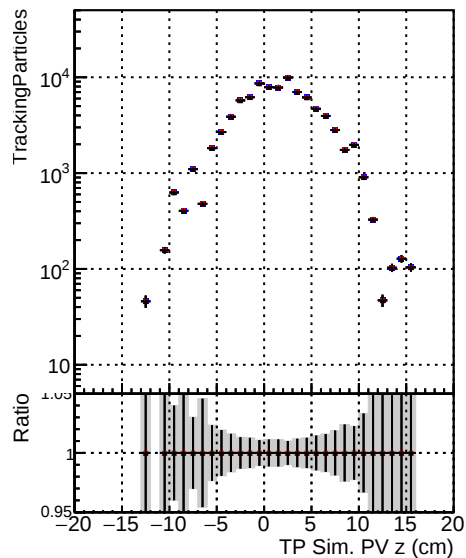
### N of simulated tracks vs z vert position



N of associated tracks (simToReco) vs z vert position



### N of simulated tracks vs. sim PV z



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

