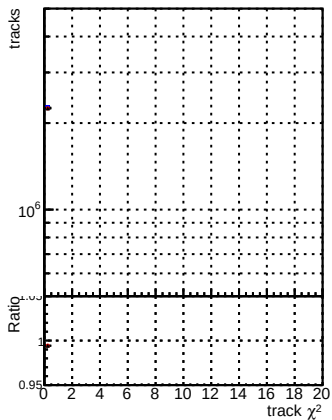
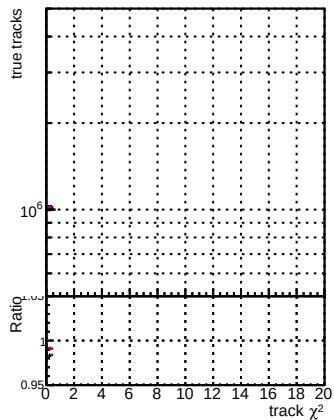


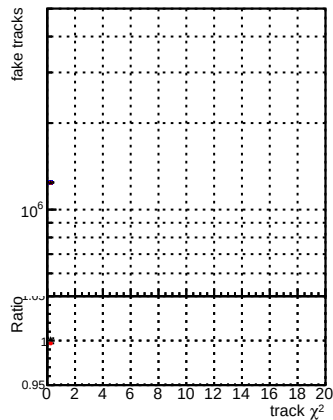
N of reco track vs normalized  $\chi^2$



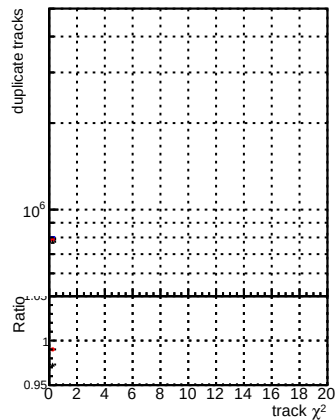
N of associated (recoToSim) tracks vs normalized  $\chi^2$



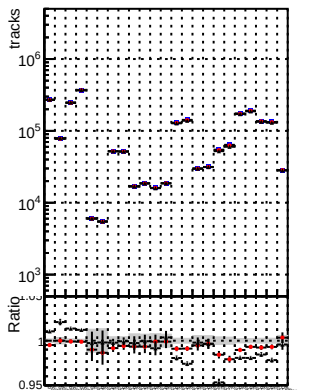
fake tracks



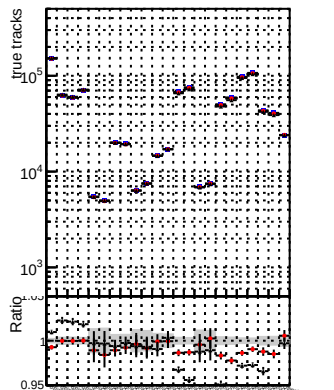
N of associated (recoToSim) loopers tracks vs normalized  $\chi^2$



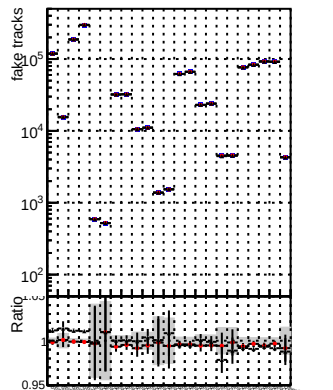
| N of reco track vs. s |      |
|-----------------------|------|
| 0                     | 0.00 |
| 1                     | 0.00 |
| 2                     | 0.00 |
| 3                     | 0.00 |
| 4                     | 0.00 |
| 5                     | 0.00 |
| 6                     | 0.00 |
| 7                     | 0.00 |
| 8                     | 0.00 |
| 9                     | 0.00 |
| 10                    | 0.00 |
| 11                    | 0.00 |
| 12                    | 0.00 |
| 13                    | 0.00 |
| 14                    | 0.00 |
| 15                    | 0.00 |
| 16                    | 0.00 |
| 17                    | 0.00 |
| 18                    | 0.00 |
| 19                    | 0.00 |
| 20                    | 0.00 |
| 21                    | 0.00 |
| 22                    | 0.00 |
| 23                    | 0.00 |
| 24                    | 0.00 |
| 25                    | 0.00 |
| 26                    | 0.00 |
| 27                    | 0.00 |
| 28                    | 0.00 |
| 29                    | 0.00 |
| 30                    | 0.00 |
| 31                    | 0.00 |
| 32                    | 0.00 |
| 33                    | 0.00 |
| 34                    | 0.00 |
| 35                    | 0.00 |
| 36                    | 0.00 |
| 37                    | 0.00 |
| 38                    | 0.00 |
| 39                    | 0.00 |
| 40                    | 0.00 |
| 41                    | 0.00 |
| 42                    | 0.00 |
| 43                    | 0.00 |
| 44                    | 0.00 |
| 45                    | 0.00 |
| 46                    | 0.00 |
| 47                    | 0.00 |
| 48                    | 0.00 |
| 49                    | 0.00 |
| 50                    | 0.00 |
| 51                    | 0.00 |
| 52                    | 0.00 |
| 53                    | 0.00 |
| 54                    | 0.00 |
| 55                    | 0.00 |
| 56                    | 0.00 |
| 57                    | 0.00 |
| 58                    | 0.00 |
| 59                    | 0.00 |
| 60                    | 0.00 |
| 61                    | 0.00 |
| 62                    | 0.00 |
| 63                    | 0.00 |
| 64                    | 0.00 |
| 65                    | 0.00 |
| 66                    | 0.00 |
| 67                    | 0.00 |
| 68                    | 0.00 |
| 69                    | 0.00 |
| 70                    | 0.00 |
| 71                    | 0.00 |
| 72                    | 0.00 |
| 73                    | 0.00 |
| 74                    | 0.00 |
| 75                    | 0.00 |
| 76                    | 0.00 |
| 77                    | 0.00 |
| 78                    | 0.00 |
| 79                    | 0.00 |
| 80                    | 0.00 |
| 81                    | 0.00 |
| 82                    | 0.00 |
| 83                    | 0.00 |
| 84                    | 0.00 |
| 85                    | 0.00 |
| 86                    | 0.00 |
| 87                    | 0.00 |
| 88                    | 0.00 |
| 89                    | 0.00 |
| 90                    | 0.00 |
| 91                    | 0.00 |
| 92                    | 0.00 |
| 93                    | 0.00 |
| 94                    | 0.00 |
| 95                    | 0.00 |
| 96                    | 0.00 |
| 97                    | 0.00 |
| 98                    | 0.00 |
| 99                    | 0.00 |
| 100                   | 0.00 |
| 101                   | 0.00 |
| 102                   | 0.00 |
| 103                   | 0.00 |
| 104                   | 0.00 |
| 105                   | 0.00 |
| 106                   | 0.00 |
| 107                   | 0.00 |
| 108                   | 0.00 |
| 109                   | 0.00 |
| 110                   | 0.00 |
| 111                   | 0.00 |
| 112                   | 0.00 |
| 113                   | 0.00 |
| 114                   | 0.00 |
| 115                   | 0.00 |
| 116                   | 0.00 |
| 117                   | 0.00 |
| 118                   | 0.00 |
| 119                   | 0.00 |
| 120                   | 0.00 |
| 121                   | 0.00 |
| 122                   | 0.00 |
| 123                   | 0.00 |
| 124                   | 0.00 |
| 125                   | 0.00 |
| 126                   | 0.00 |
| 127                   | 0.00 |
| 128                   | 0.00 |
| 129                   | 0.00 |
| 130                   | 0.00 |
| 131                   | 0.00 |
| 132                   | 0.00 |
| 133                   | 0.00 |
| 134                   | 0.00 |
| 135                   | 0.00 |
| 136                   | 0.00 |
| 137                   | 0.00 |
| 138                   | 0.00 |
| 139                   | 0.00 |
| 140                   | 0.00 |
| 141                   | 0.00 |
| 142                   | 0.00 |
| 143                   | 0.00 |
| 144                   | 0.00 |
| 145                   | 0.00 |
| 146                   | 0.00 |
| 147                   | 0.00 |
| 148                   | 0.00 |
| 149                   | 0.00 |
| 150                   | 0.00 |
| 151                   | 0.00 |
| 152                   | 0.00 |
| 153                   | 0.00 |
| 154                   | 0.00 |
| 155                   | 0.00 |
| 156                   | 0.00 |
| 157                   | 0.00 |
| 158                   | 0.00 |
| 159                   | 0.00 |
| 1                     |      |



true tracks



fake tracks



icate tracks

