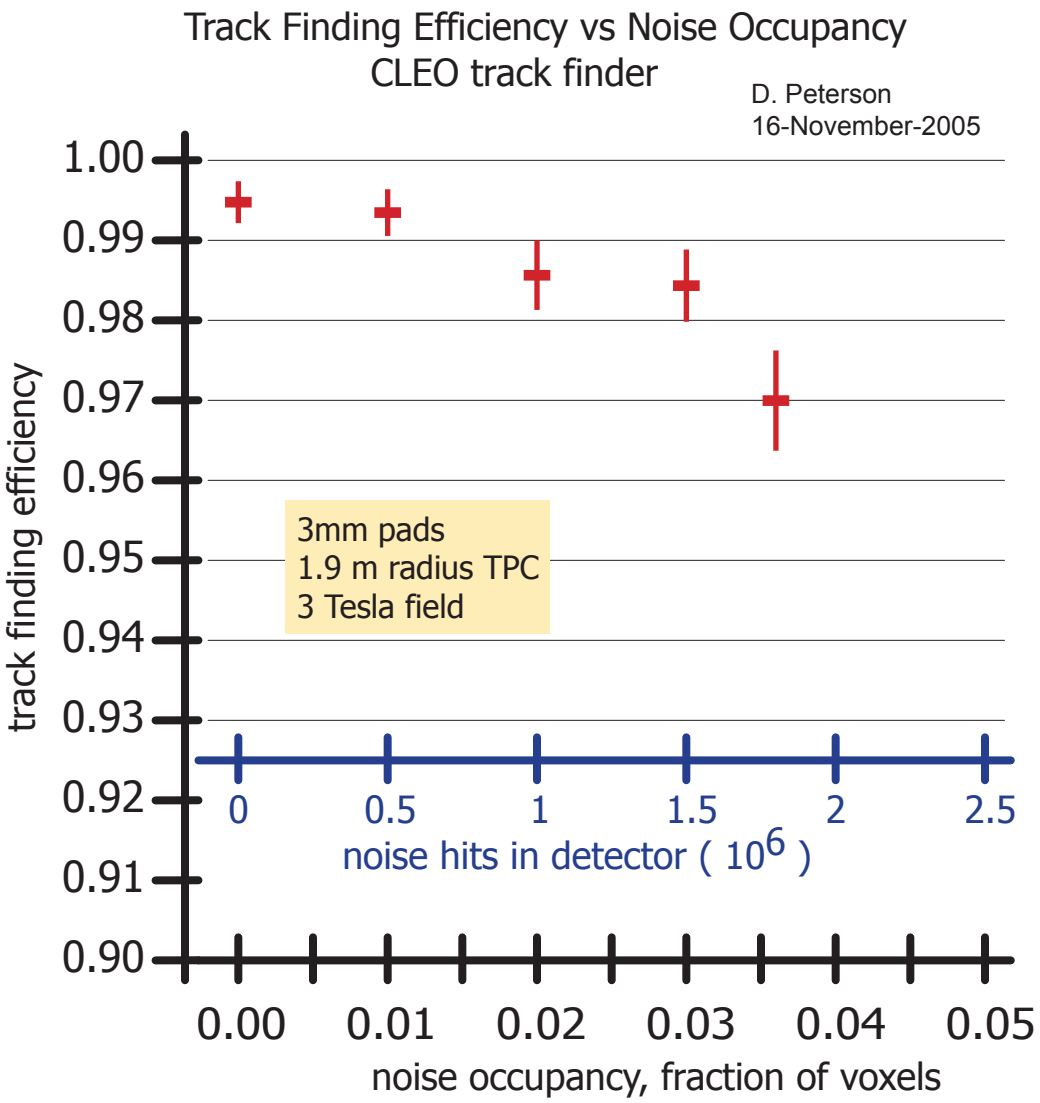
Track Finding Efficiency vs Noise Occupancy
CLEO track finder
D. Peterson
16-November-2005
track finding efficiency
1.00
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.90
3mm pads
1.9 m radius TPC
3 Tesla field
0
0.5
1
1.5
2
2.5
noise hits in detector (10^6)
0.00
0.01
0.02
0.03
0.04
0.05
noise occupancy, fraction of voxels