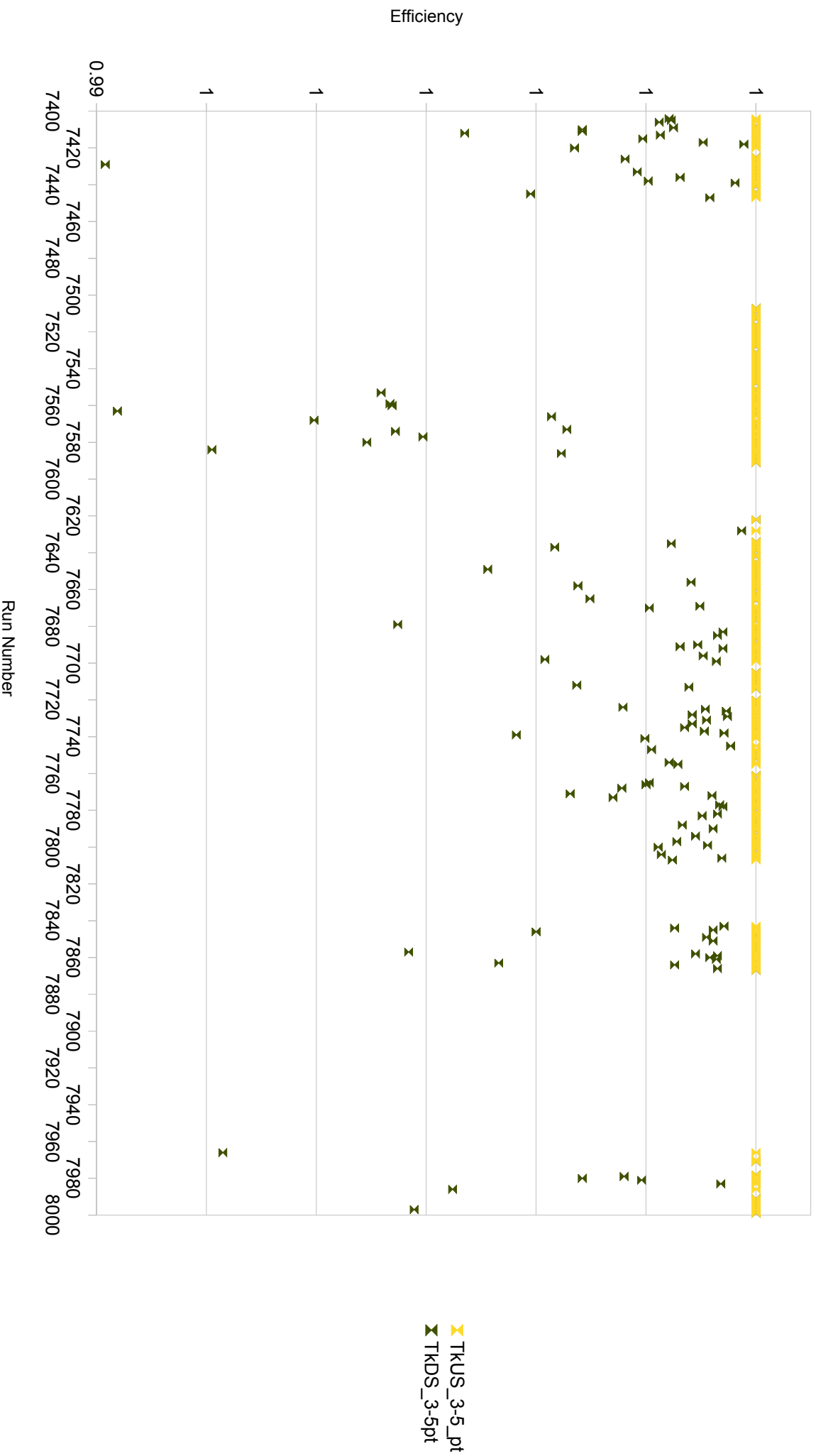
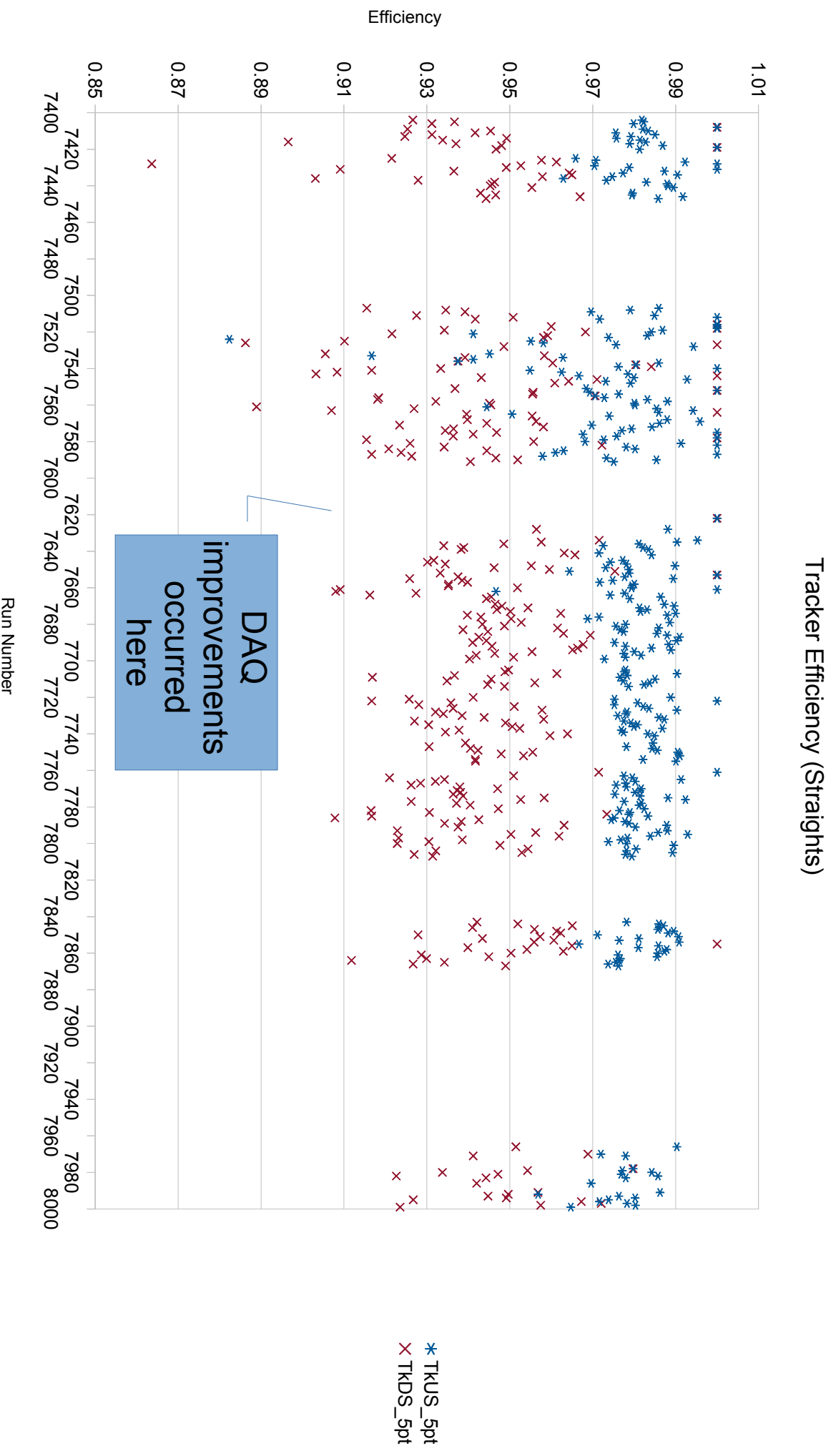


Straight Track Efficiency for finding an appropriate track US and DS ~100%

Tracker Efficiency (Straights)



Straight Track Efficiency for finding a 5 SP track when 5 spacepoints are found in Tracker 4% less DS than US



Conclusions

- Investigation has shown the cause of this and proven US and DS efficiency agree. Causes of the difference were:
- Scattering 49%
- Failed road cut 26%
- Noise 25%
- Therefore efficiency DS 1% less than US (rather than 4) due to noisier detector.
- Need to adequately include this in the Efficiency