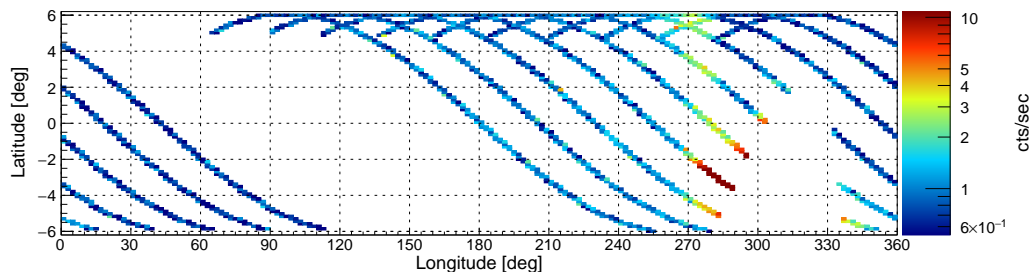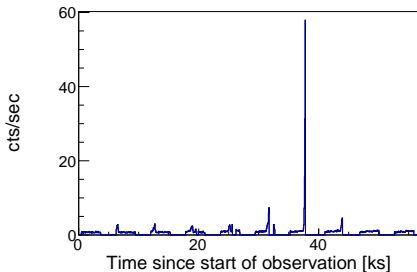**Target: QSO_J0509p0541**   **ID: 90301618002**   **Start: 2017-09-29 02:16:09 UTC**   **Module: A**

Filter options: SAA algorithm 1 (high-shield rate based using a figure-of-merit as evaluation metric), optimized SAA cut
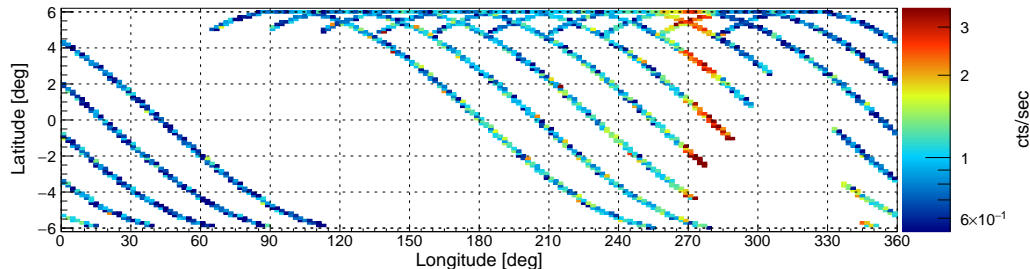
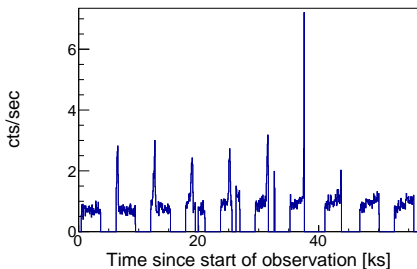**nucalcsaa options: nucalcsaa task not used!**   **Effective exposure time: 30026 sec (100.0%)**
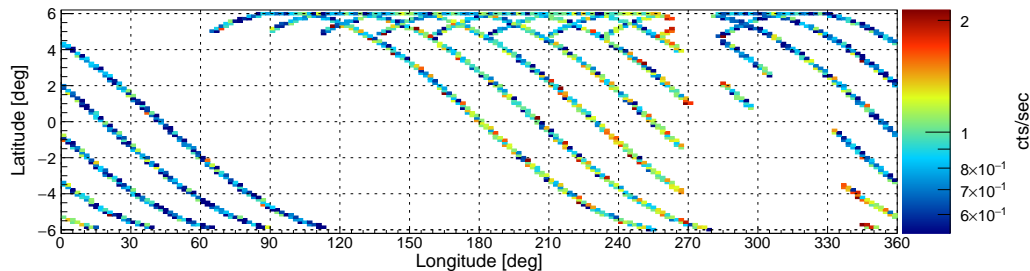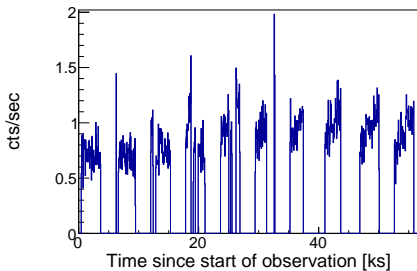

nucalcsaa options: --saacalc=1 --saamode=optimized --tentacle=no   **Effective exposure time: 29167 sec (97.14%)**

nucalcsaa options: --saacalc=1 --saamode=optimized --tentacle=yes   **Effective exposure time: 27121 sec (90.33%)**
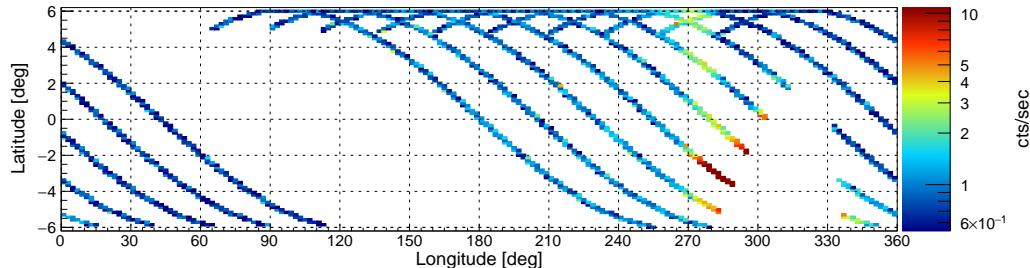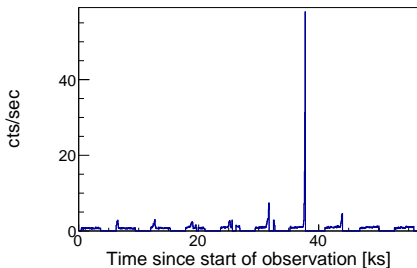
Filter options: SAA algorithm 1 (high-shield rate based using a figure-of-merit as evaluation metric), strict SAA cut
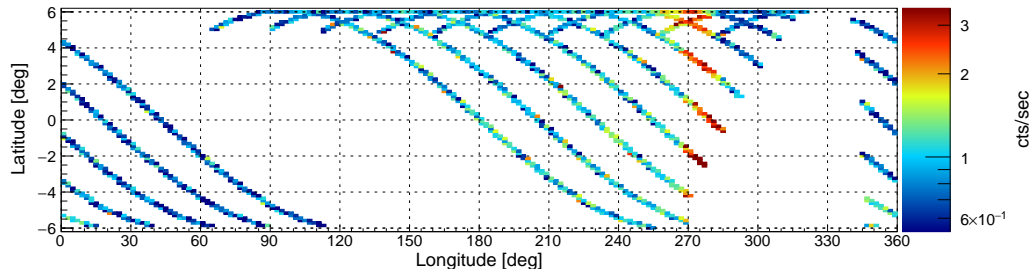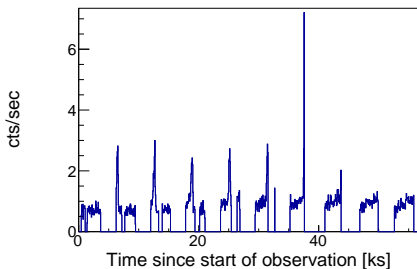
nucalcsaa options: nucalcsaa task not used!   **Effective exposure time: 30026 sec (100.0%)**
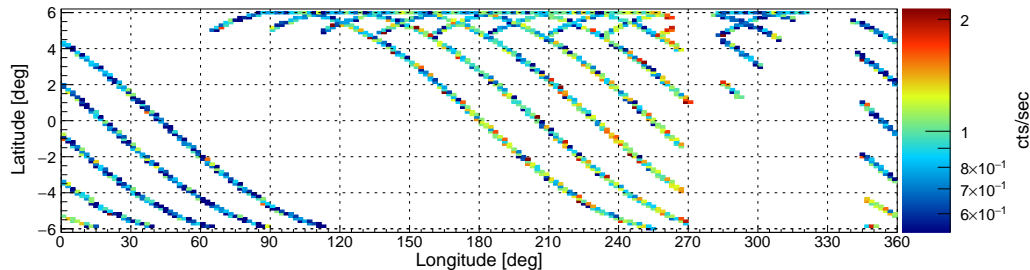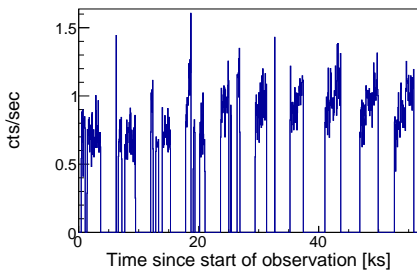

nucalcsaa options: --saacalc=1 --saamode=strict --tentacle=no   **Effective exposure time: 26915 sec (89.64%)**

nucalcsaa options: --saacalc=1 --saamode=strict --tentacle=yes   **Effective exposure time: 24953 sec (83.1%)**
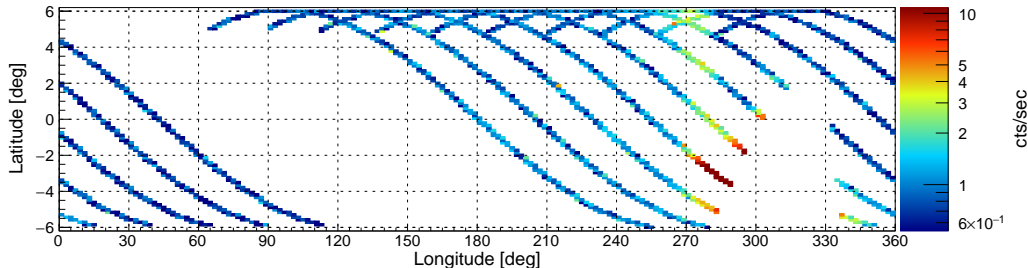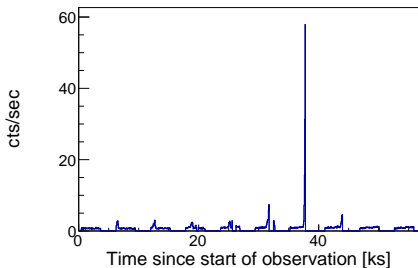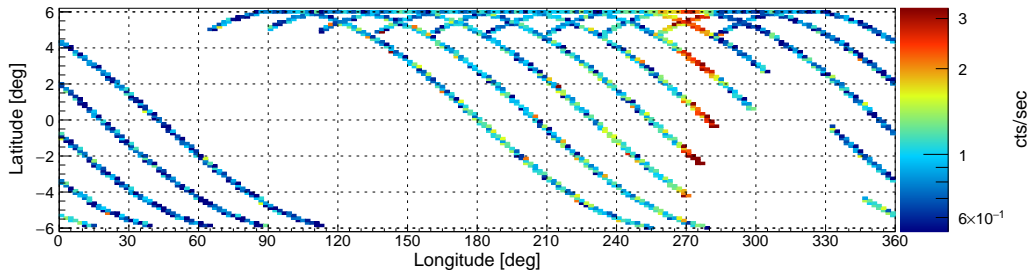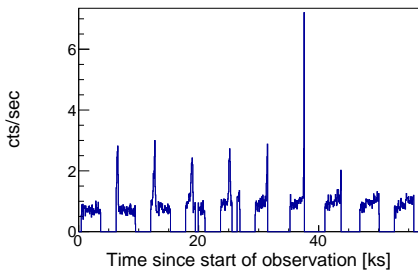
nucalcsaa options: nucalcsaa task not used!   **Effective exposure time: 30026 sec (100.0%)**
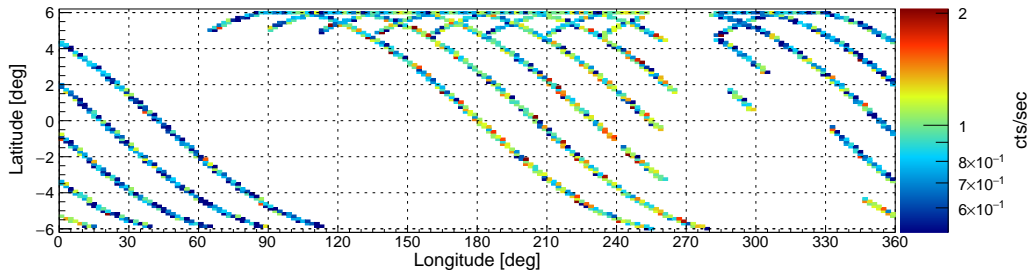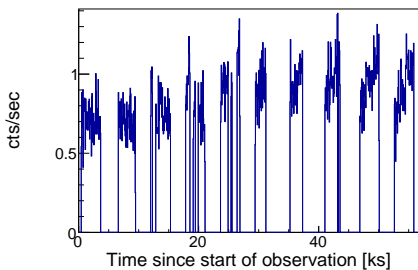

nucalcsaa options: --saacalc=2 --saamode=optimized --tentacle=no   **Effective exposure time: 28684 sec (95.53%)**

nucalcsaa options: --saacalc=2 --saamode=optimized --tentacle=yes   **Effective exposure time: 25907 sec (86.28%)**

Target: QSO_J0509p0541   **ID: 90301618002**   **Start: 2017-09-29 02:16:09 UTC**   **Module: A**

Filter options: SAA algorithm 2 (low-shield rate based using rms as evaluation metric), strict SAA cut

nucalcsaa options: nucalcsaa task not used!   **Effective exposure time: 30026 sec (100.0%)**

nucalcsaa options: --saacalc=2 --saamode=strict --tentacle=no   **Effective exposure time: 25895 sec (86.24%)**

nucalcsaa options: --saacalc=2 --saamode=strict --tentacle=yes   **Effective exposure time: 23118 sec (76.99%)**
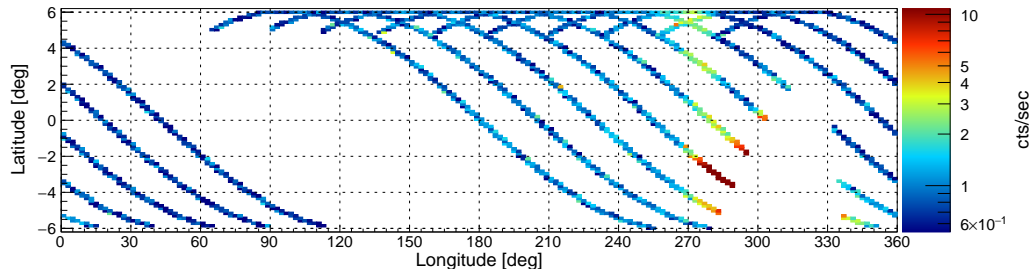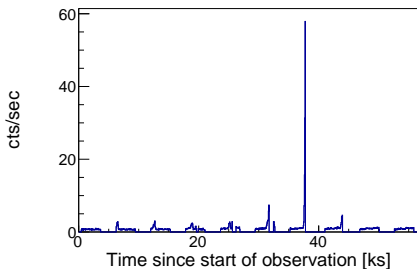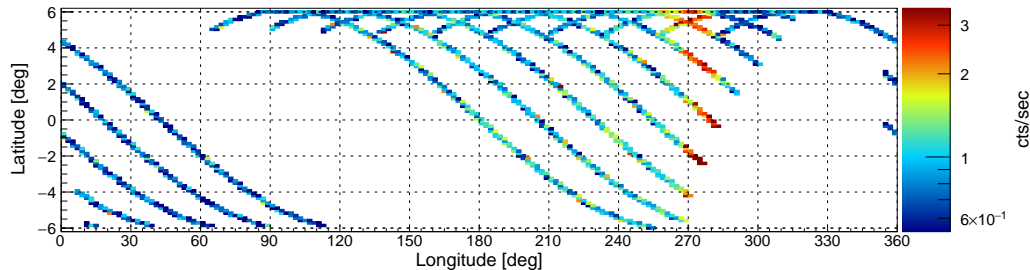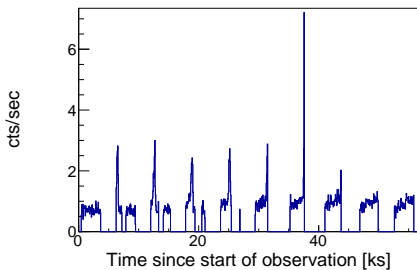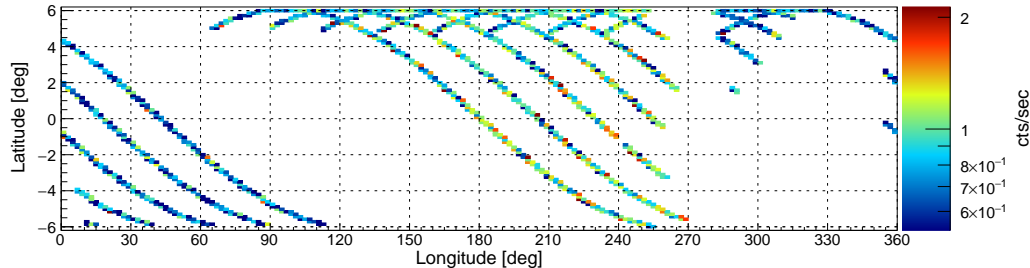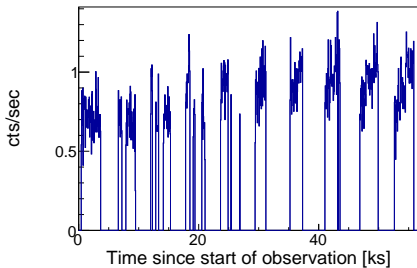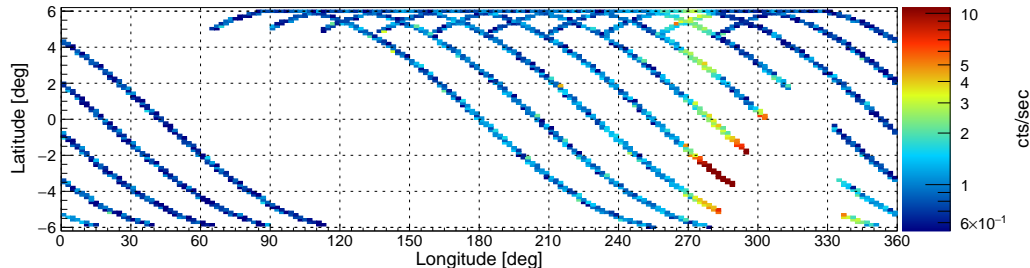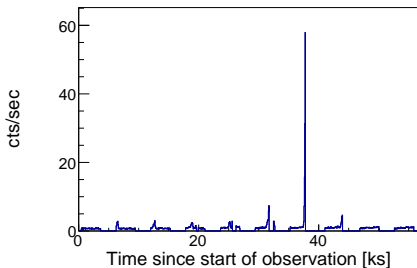
Target: QSO_J0509p0541   ID: 90301618002   Start: 2017-09-29 02:16:09 UTC   Module: A

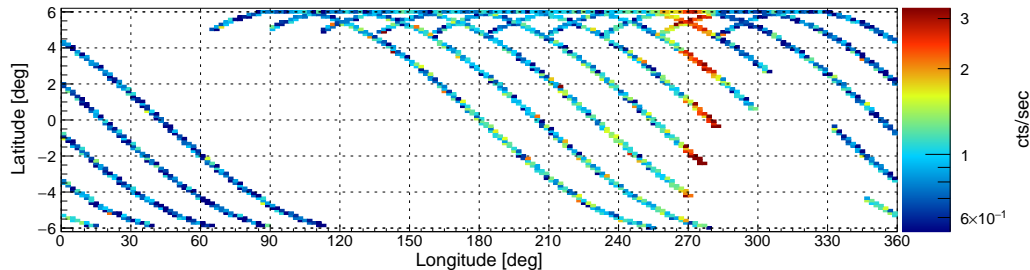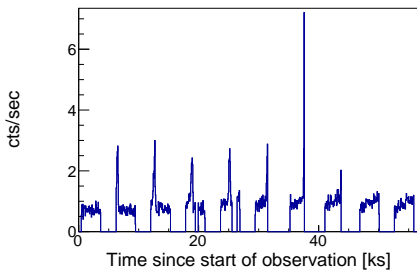**Filter options: SAA algorithm 3 (low-shield rate based using rms as evaluation metric), optimized SAA cut**

nucalcsaa options: nucalcsaa task not used!

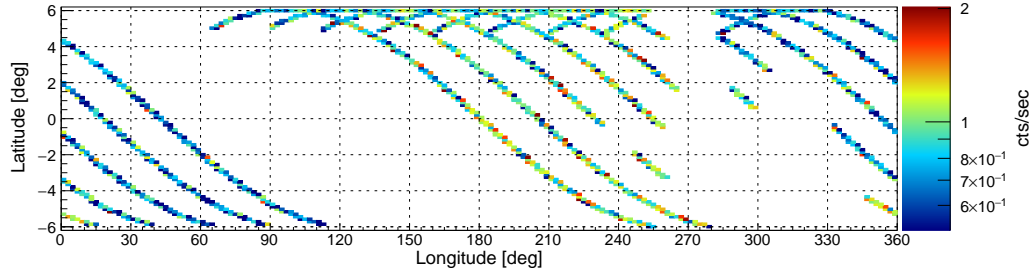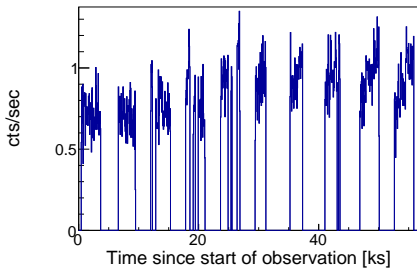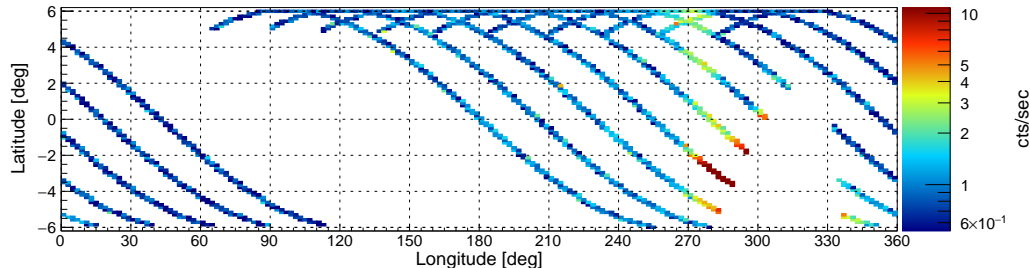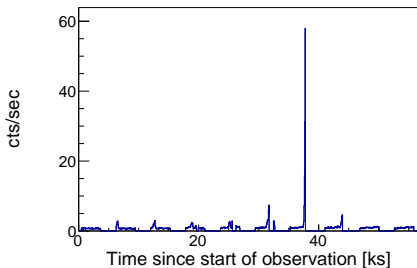**Effective exposure time: 30026 sec (100.0%)**

nucalcsaa options: --saacalc=3 --saamode=optimized --tentacle=no

Effective exposure time: 28684 sec (95.53%)

nucalcsaa options: --saacalc=3 --saamode=optimized --tentacle=yes

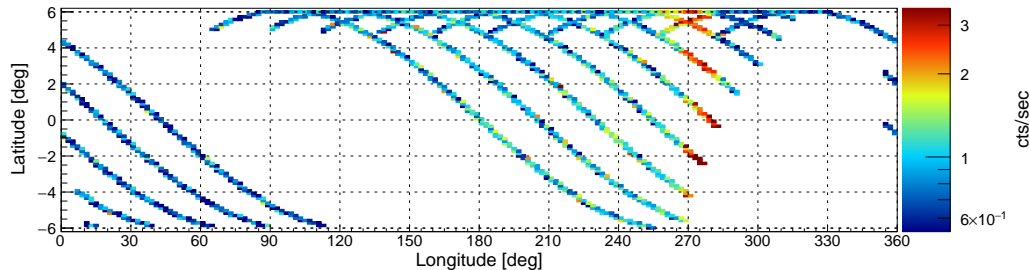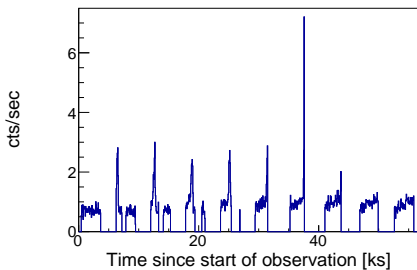**Effective exposure time: 25727 sec (85.68%)**

nucalcsaa options: nucalcsaa task not used!   **Effective exposure time: 30026 sec (100.0%)**

nucalcsaa options: --saacalc=3 --saamode=strict --tentacle=no   **Effective exposure time: 25895 sec (86.24%)**

nucalcsaa options: --saacalc=3 --saamode=strict --tentacle=yes   **Effective exposure time: 22938 sec (76.39%)**