Histogram of optical power when switching CPT \( n = \pm 2 \) to \( n = \pm 3 \) at sensor angles of approx. 62° during ascending nightside orbit segments.

Histogram of optical power when switching CPT \( n = \pm 3 \) to \( n = \pm 2 \) at sensor angles of approx. 58° during descending dayside orbit segments.

Histogram of optical power when switching CPT \( n = \pm 3 \) to \( n = \pm 2 \) at sensor angles of approx. 122° during ascending nightside orbit segments.

Histogram of optical power when switching CPT \( n = \pm 2 \) to \( n = \pm 3 \) at sensor angles of approx. 118° during descending dayside orbit segments.