We would like to compliment the PC for the very nice written draft.
We have looked at the draft and your replies to the institute comments.
Basically, all of them were taken into account but we have a couple of additional comments.
Thank you!

First comment is about Omega^- peak (L.350). It seems to me that it would reasonable to add a sentence about the height of the Omega^- peak. It is interesting that the height depends on the radius. The height increases with decreasing radius. One could also estimate how much the resonance yield is modified for different radii, but up to you whether to include this or not.
I am aware that the peak is predicted to be inversely related to the volume (https://doi.org/10.1134/S1547477111090226), but I am not terribly familiar with this concept, therefore I will leave this out of the paper.

~~line 30: affirm -> affirms (verb related to dependence)~~

~~L58, L329-335 and Appendix A (also the WUT team asked a question here).~~
~~This method was used as alternative to the standard event mixing in one of the first publications of the ALICE collaboration on femtoscopy [PhysRevD82,052001(2010)].~~
~~Please include this citation.~~
Citation added.

~~Also, it is also not mentioned how the method works for other pairs of particles AK-, AK0S. Can you add some lines mentioning the effect on the other hyperon-kaon combinations, maybe referring to the final correlation figure where one can see that the global fit works very well?~~
Sentence added in appendix.

~~line 147: Lambda puritiy in text is 95% but in the fig.1 it is 95.9% which is 96% (K0 is ok in this sense)~~

~~L169: The two-particle correlation function for particles a and b -> (maybe, say simply) The correlation function for particles a and b~~

~~L169, Eq.(1): The "p" letters with arrows denote 3-vectors. However, further in the text bold letters are used to denote 3-vectors as well. Maybe, it would be logical to use bold letters in L169, Eq.(1) as well?~~
I believe this has already been corrected in the most recent version (v7), but please let me know if I'm missing a case.

~~Table 2: Lambda selection -> Lambda [AntiLambda] selection~~

~~Figure 1 caption: ppi+ -> ppi-~~

~~Eq.(2): either d^3{r} or d{bold r}~~

~~line 173 and eq. 1: d in \rm ? But I do not mind to leave it..~~
~~eq. 2: d in \rm ?~~

~~Table 5: -0.60, -5.23 and -1.85: minus sign in math mode?~~

~~L228: decayed -> been produced in ... decays (?)~~

~~L255: \Theta K the system -> the \Theta K system~~
I believe this has already been corrected in the most recent version.

~~L264: p-p collisions -> pp collisions~~
I believe this has already been corrected in the most recent version.

~~L266, L268, Eq.(9), Eq.(11), Eq(12): Why do not you make "THERM", "HIJING", "Total", "THERM.Bgd" indices upright?~~

~~L337: “Stavinskiy method” -> Maybe, it would be worthy to add here a reference to the Appendix A?~~

~~Eq.(B.4): either d^3{r} or d{bold r}~~

~~Fig. C1: Usually we put (a), (b), (c)... labels on figures.~~

Comments from Michael Weber

Line and equation numbers of diff file:
~~- L45: "AK pairs" --> Don't start a sentence with a symbol~~

~~- L45: "which only interact strong" --> "which only interact strongly"~~

~~- L170: "4th" or "fourth" (not sure, usually numbers up to 9 are spelled out, see guidelines: " Numbers in the text should be spelled out for (1-9) unless they are part of a series or have a unit. ")~~

~~- Equation 1 and 2 (and text around it): "d" should be roman (see guidelines: "Derivatives: dN/dy ")~~

~~- Equation 11: in the equation itself "fit" is removed, but in the surrounding text it is still there. Also later (Eq. 14) you use "Fit" again. Maybe I am missing something and this is intended, but please check again.~~
Removed from the text surrounding Eq.10, but kept in Eq. 13

~~- Caption Fig.2: "6 th" --> see comment above (maybe check the full text again?)~~

~~- Ref [10]: avoid proceedings for references (check also others), do you need this one? Is there no full publication on the topic?~~
Reference removed