

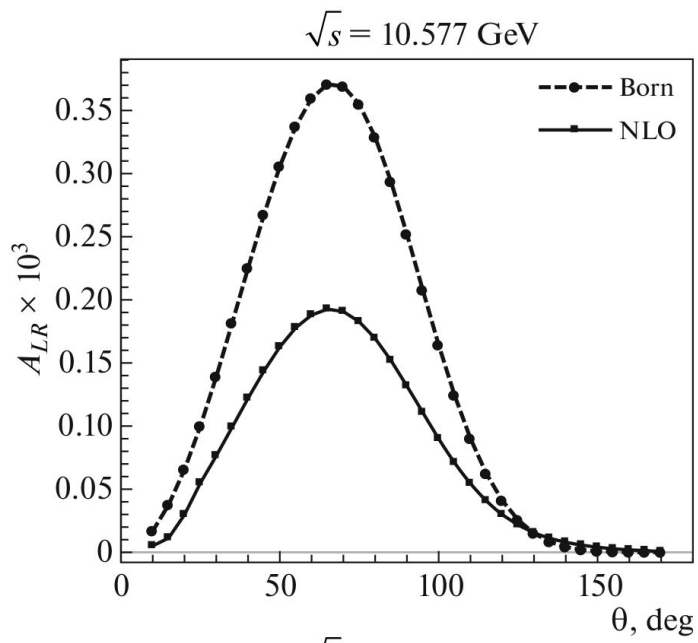
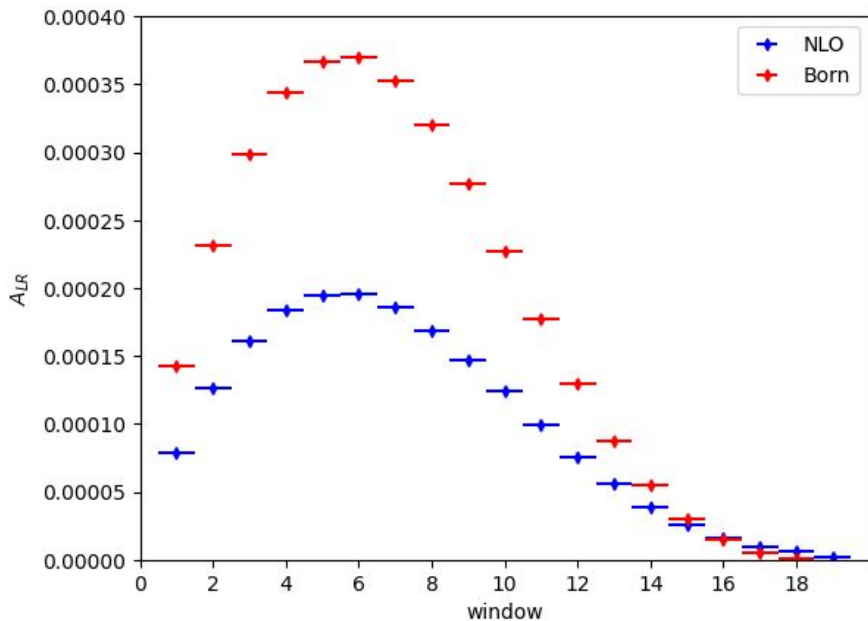
ReneSANCe Studies

Caleb Miller

ALR windows

$\cos\theta^-$ found in bins of 0.1 (0:-1 \rightarrow -0.9,1:-0.9 \rightarrow -0.8,...)

$\cos\theta^+$ constrained to $<|\cos(20^\circ)|$

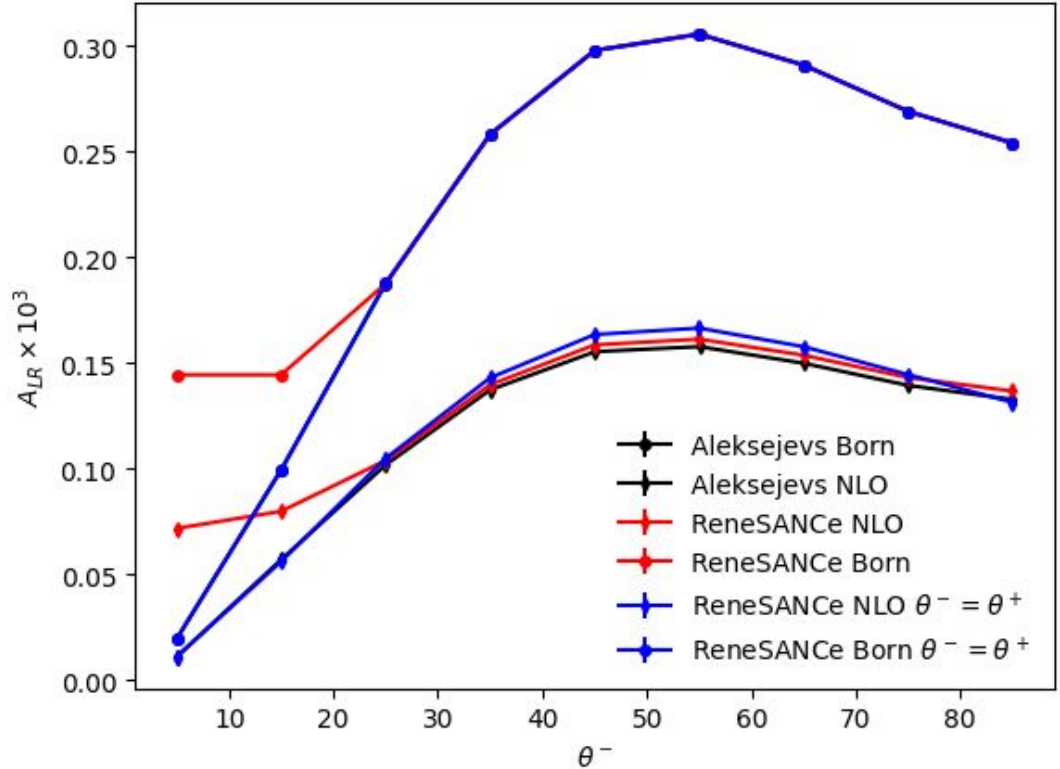


ALR Integrated

$\cos\theta^-$ integrated
from $-\cos\theta$ to $\cos\theta$

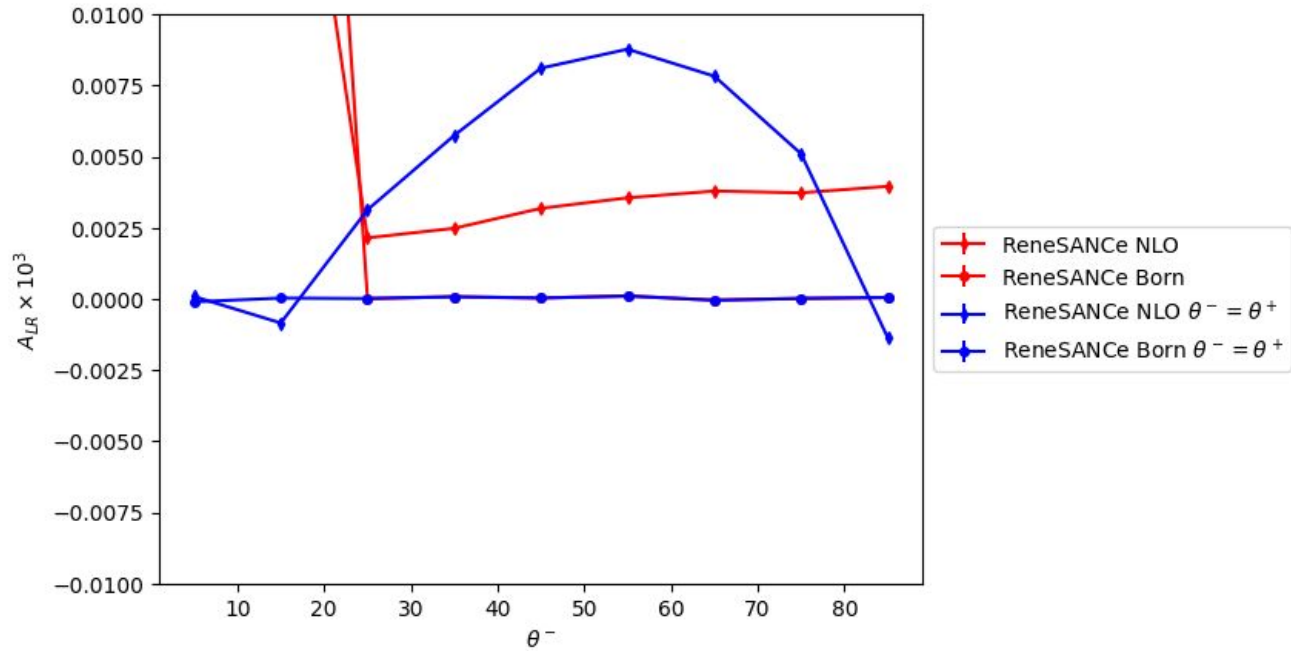
$\cos\theta^+$ constrained to
 $<|\cos(20^\circ)|$ (red)

$\cos\theta^+$ constrained to
 $-\cos\theta$ to $\cos\theta$ (blue)

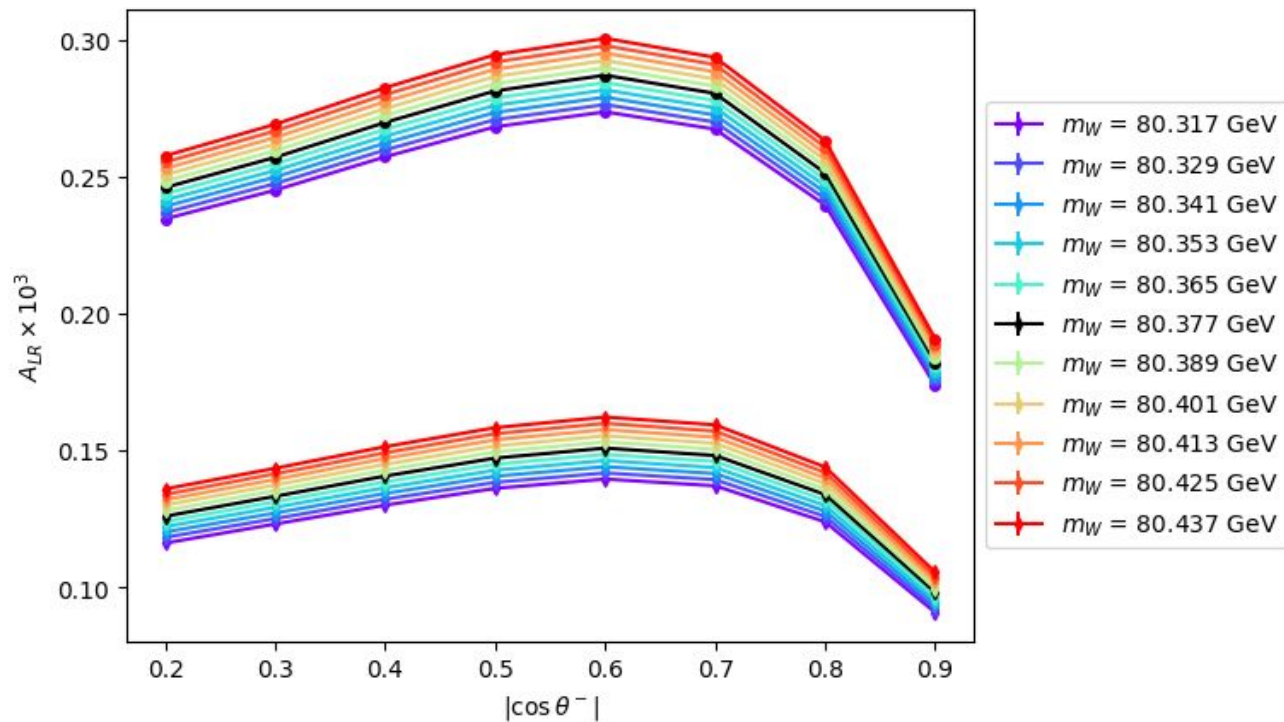


ALR Integrated

Differences between ReneSANCe and Aleksejevs et al.



M_W Sensitivity



Conclusions

- Still to do:
 - combined windowed sweep to one plot
 - $\sin^2\theta_W$ sensitivity study
- Hopefully have a first publication draft soon