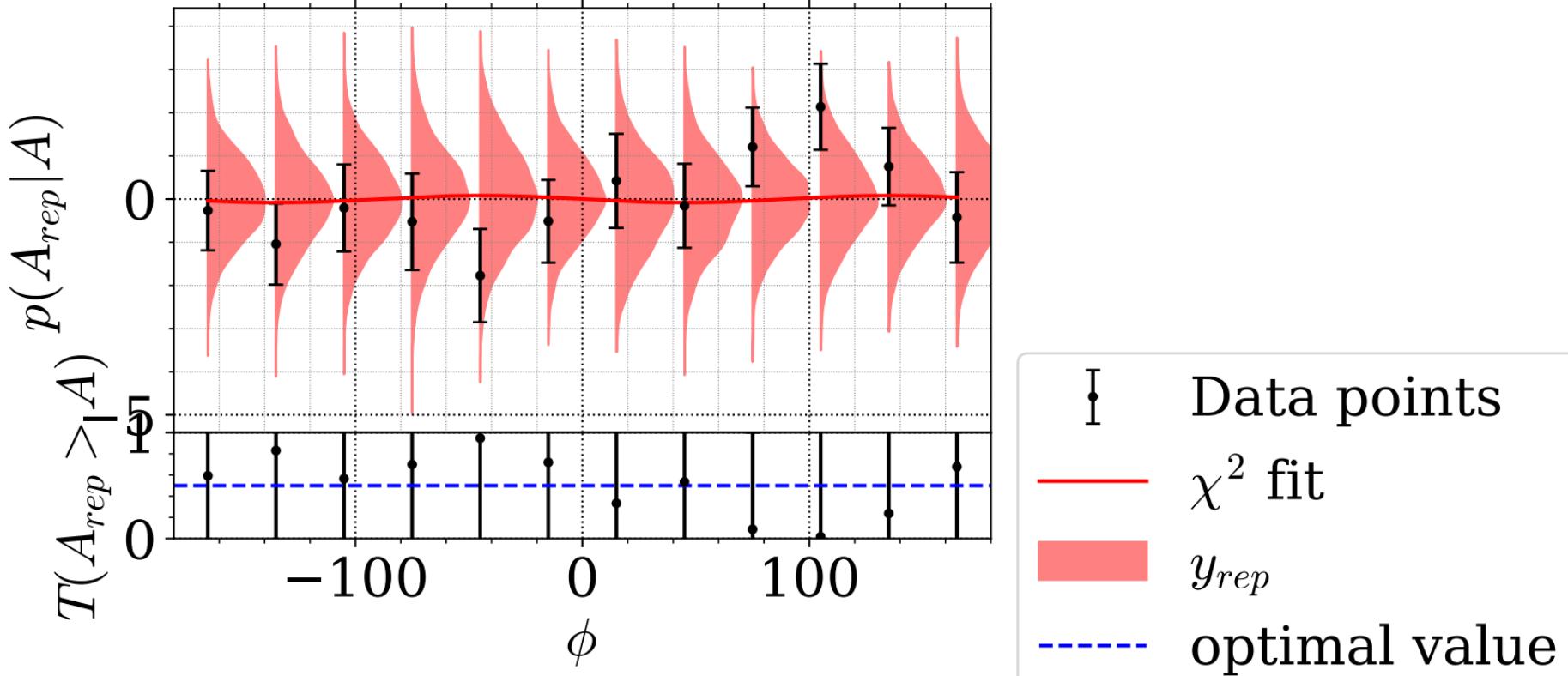


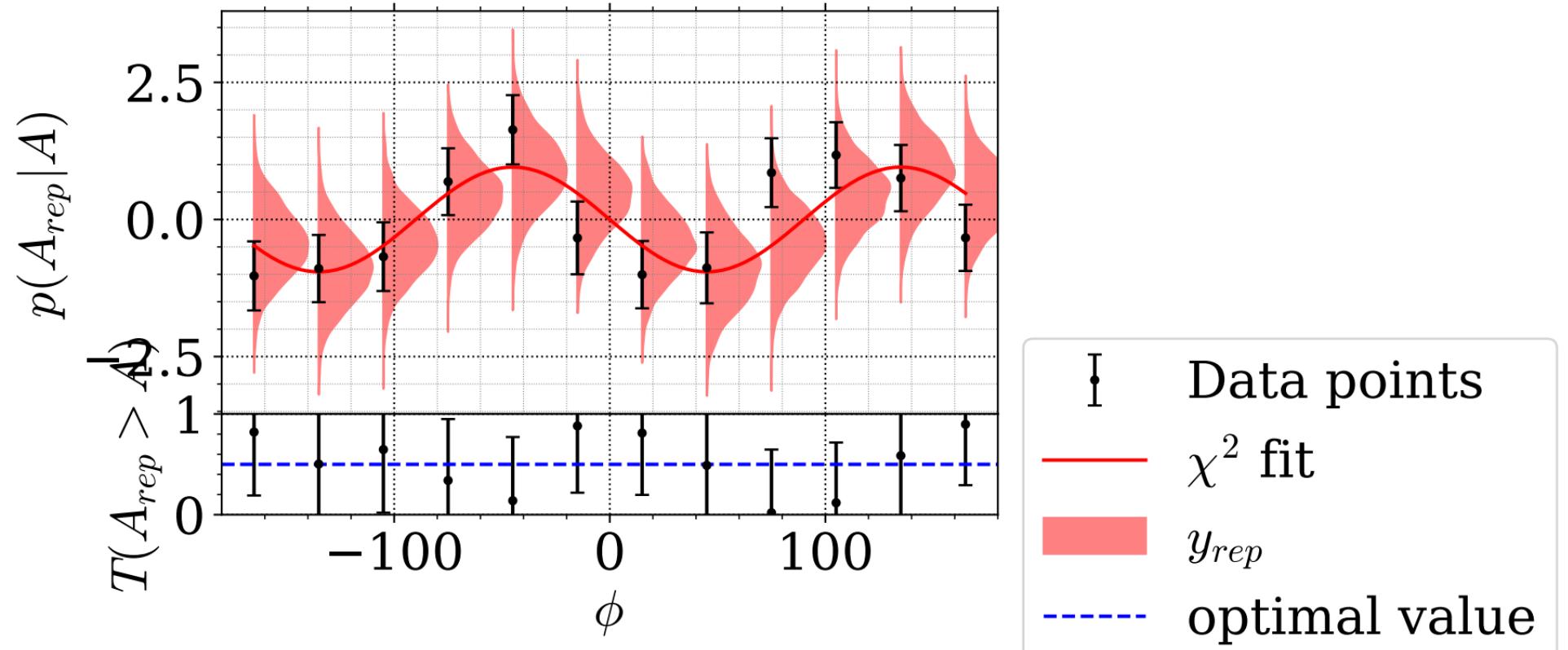
$$1130 \leq E_\gamma < 1190, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$$

-100 0 100



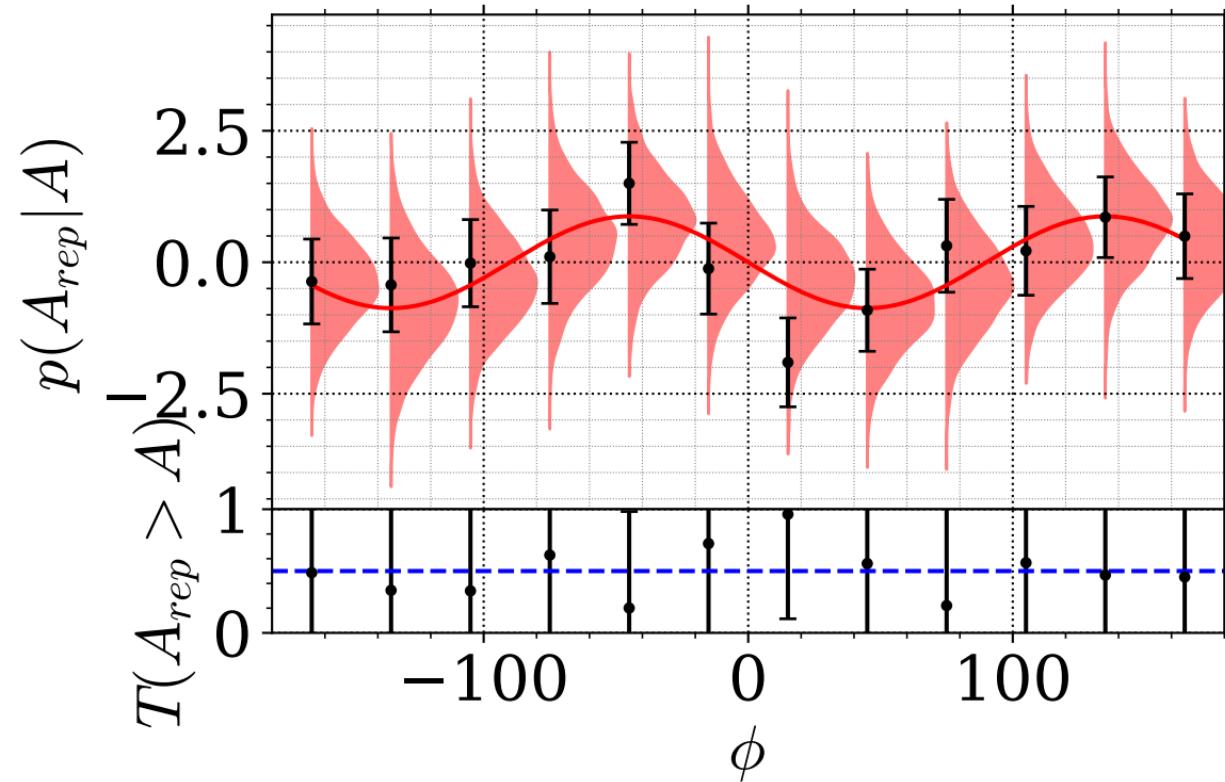
$$1130 \leq E_\gamma < 1190, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$$

-100 0 100

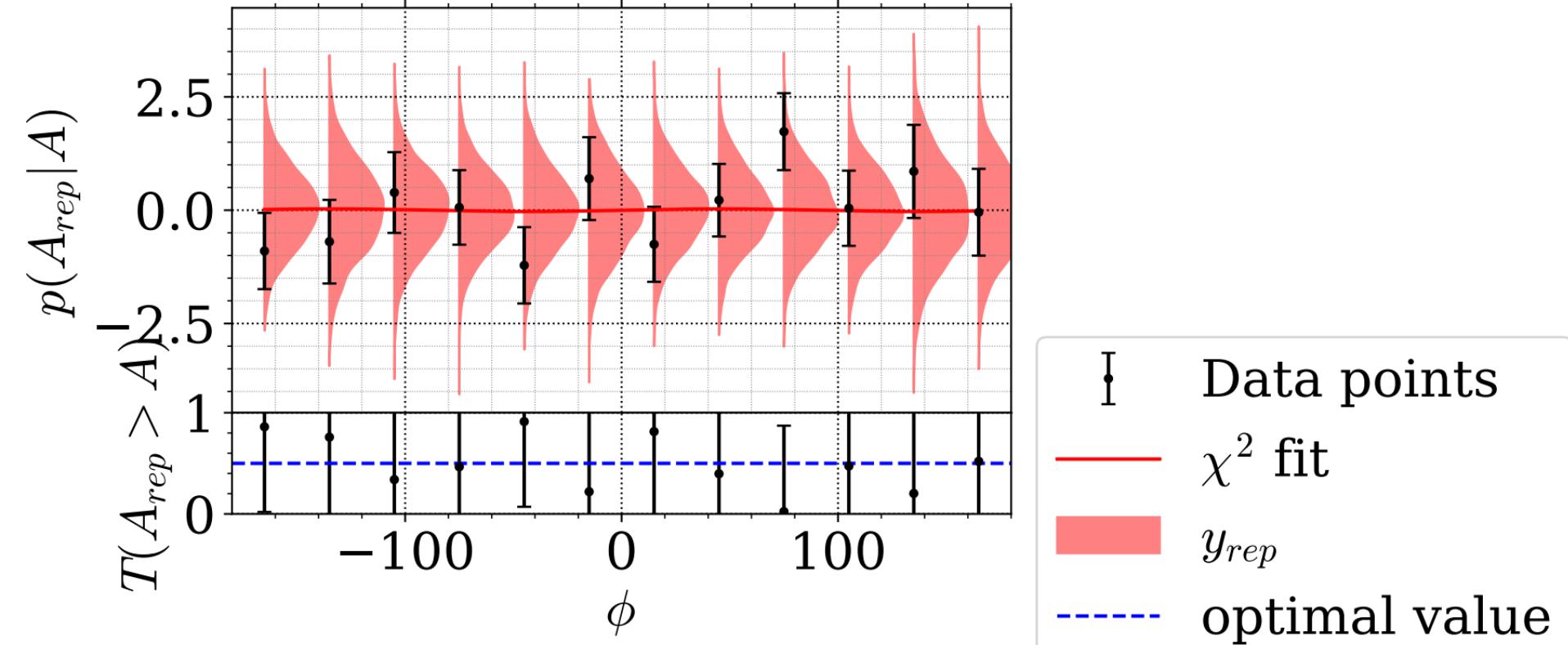


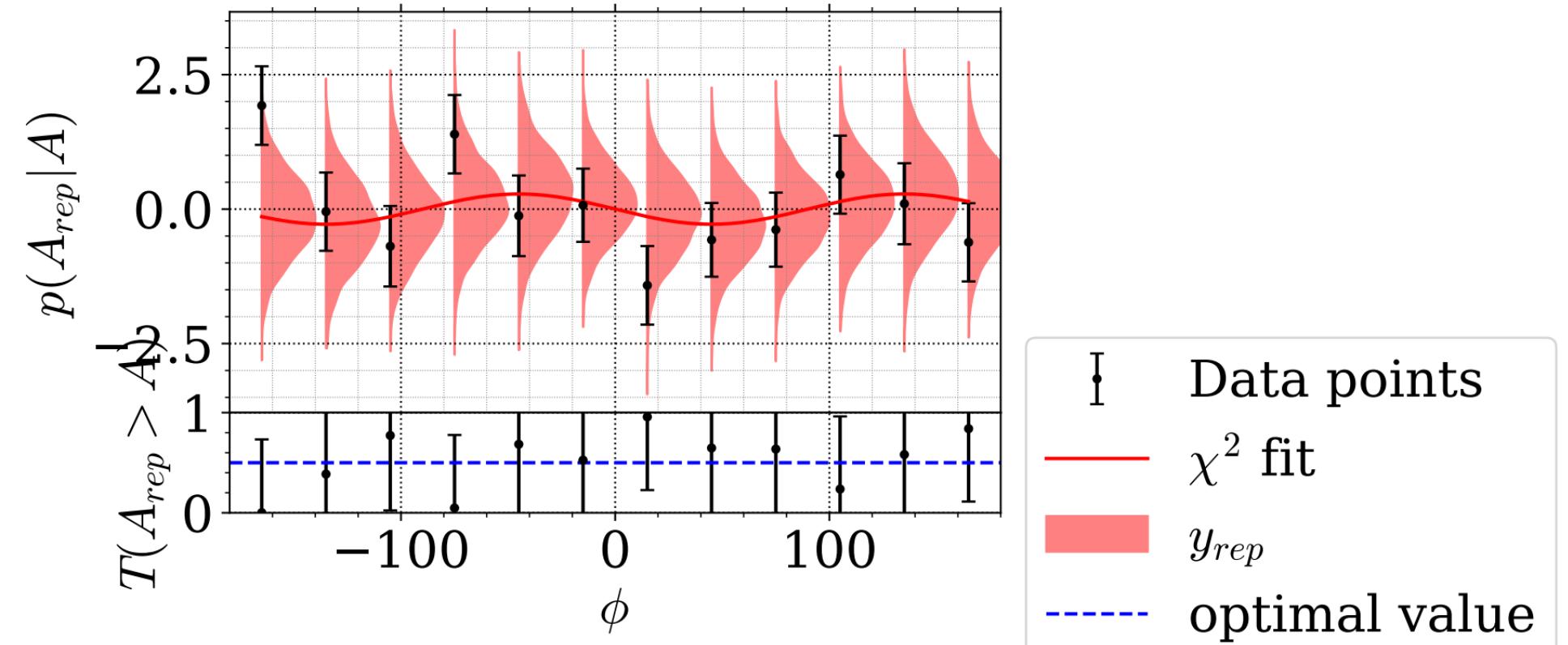
$$1130 \leq E_\gamma < 1190, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$$

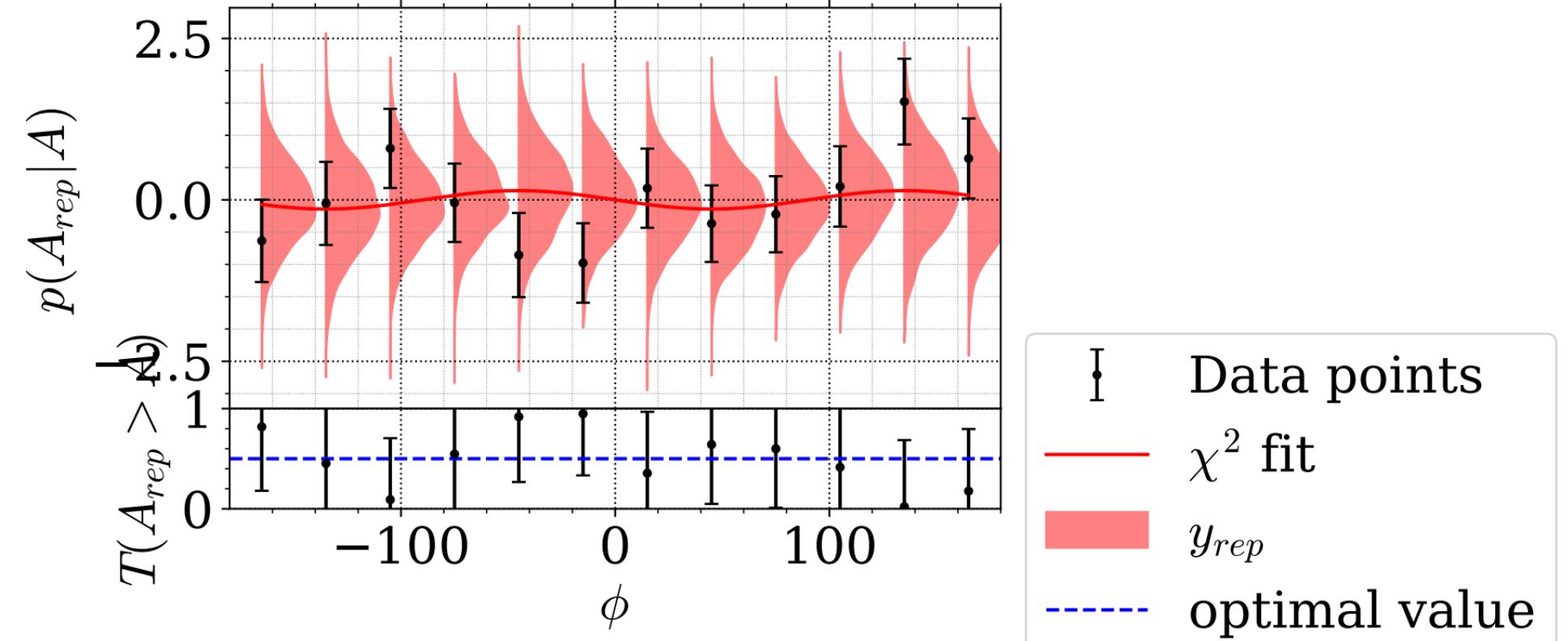
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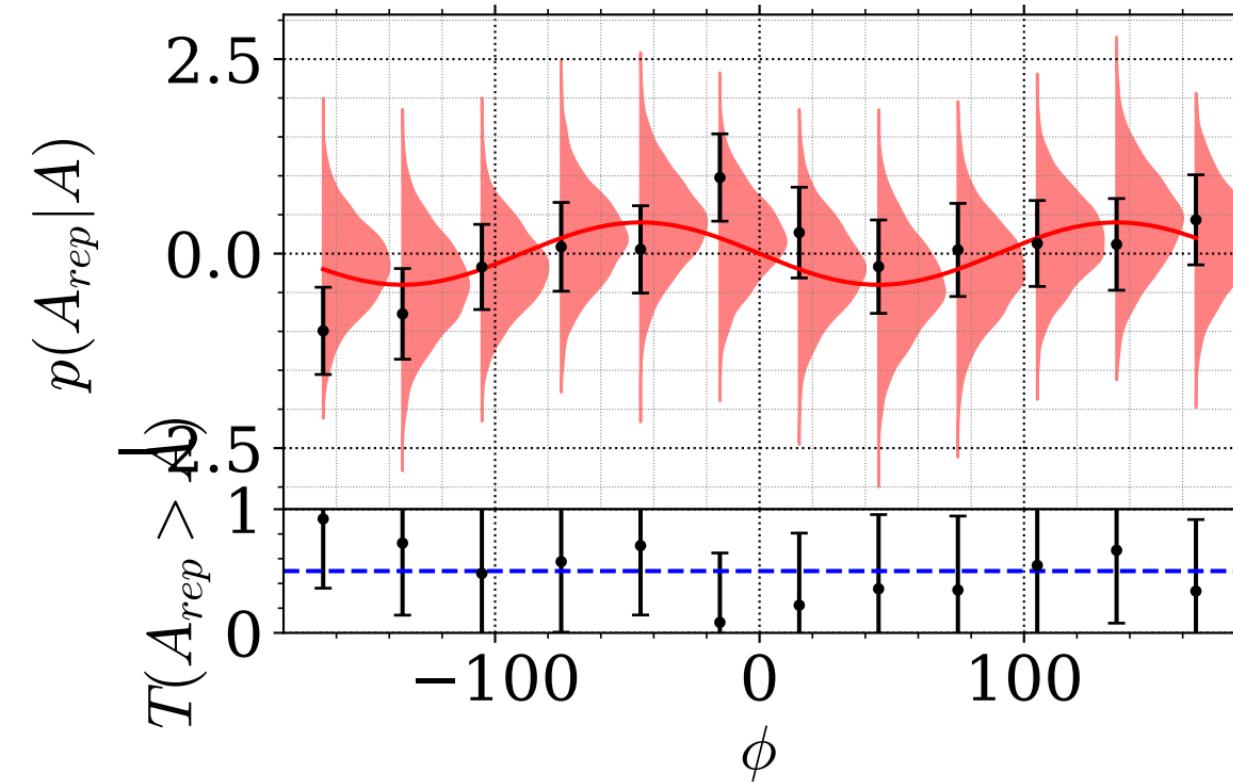


■ Data points
— χ^2 fit
■ y_{rep}
- - - optimal value

$$1130 \leq E_\gamma < 1190, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$$


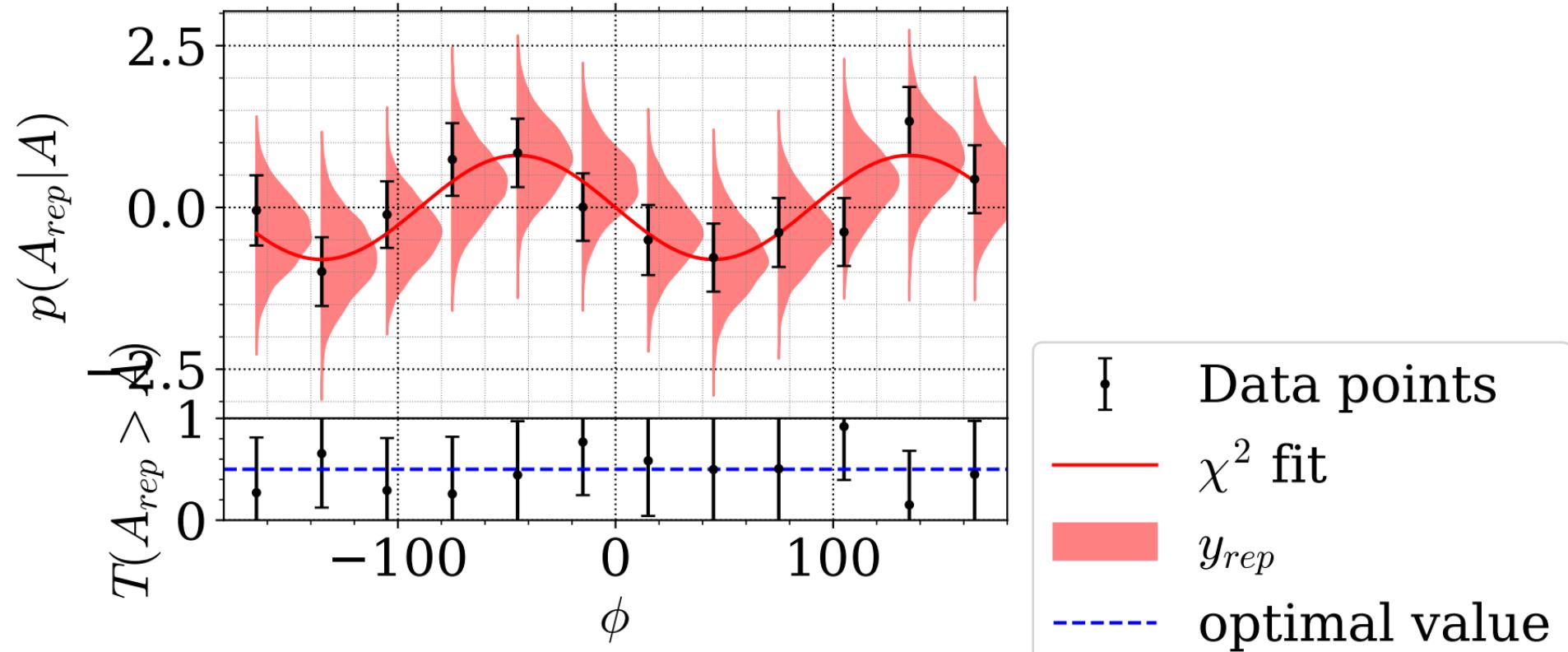
$$1130 \leq E_\gamma < 1190, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$$


$$1130 \leq E_\gamma < 1190, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$$


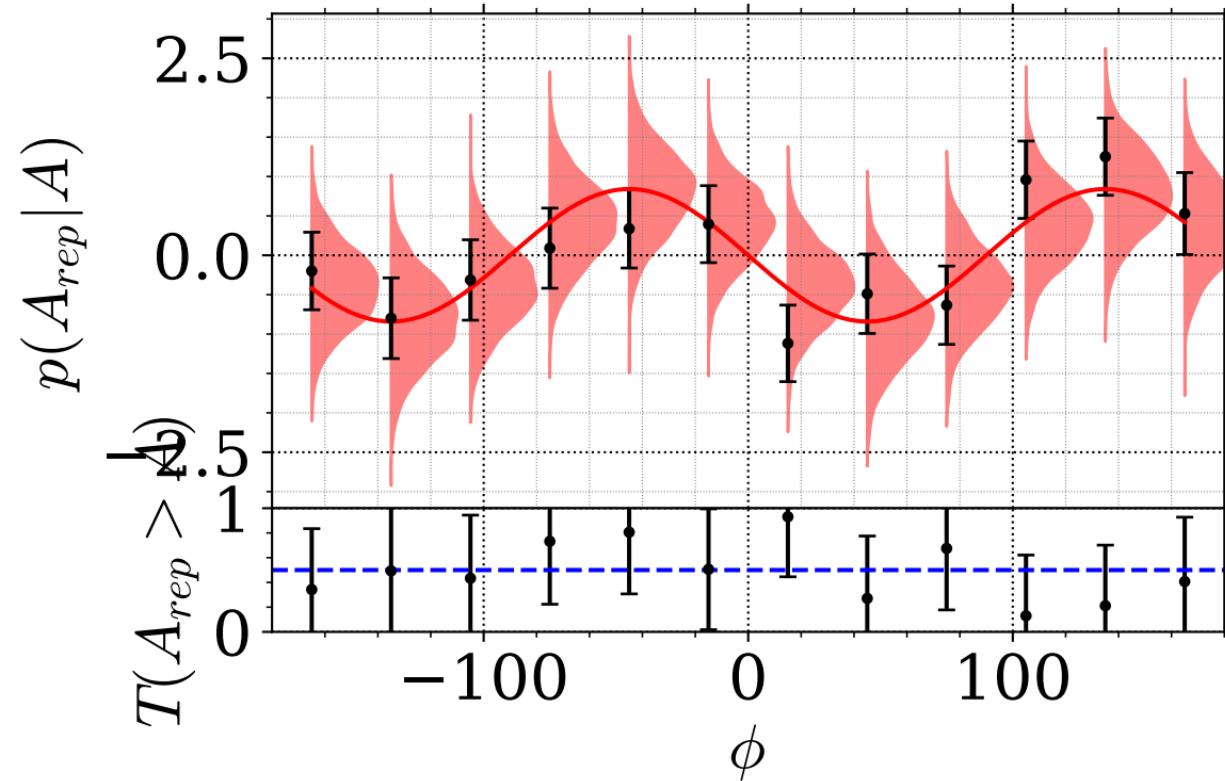
$$1130 \leq E_\gamma < 1190, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1130 \leq E_\gamma < 1190, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$

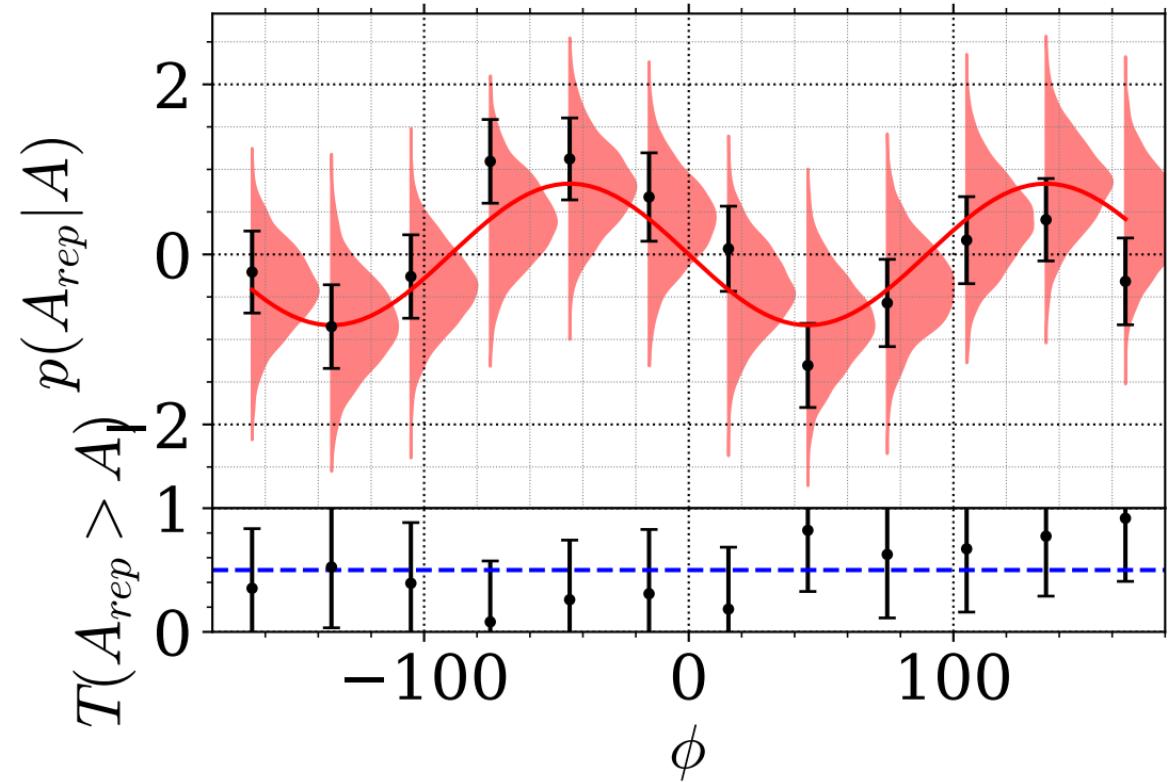


$1130 \leq E_\gamma < 1190, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$



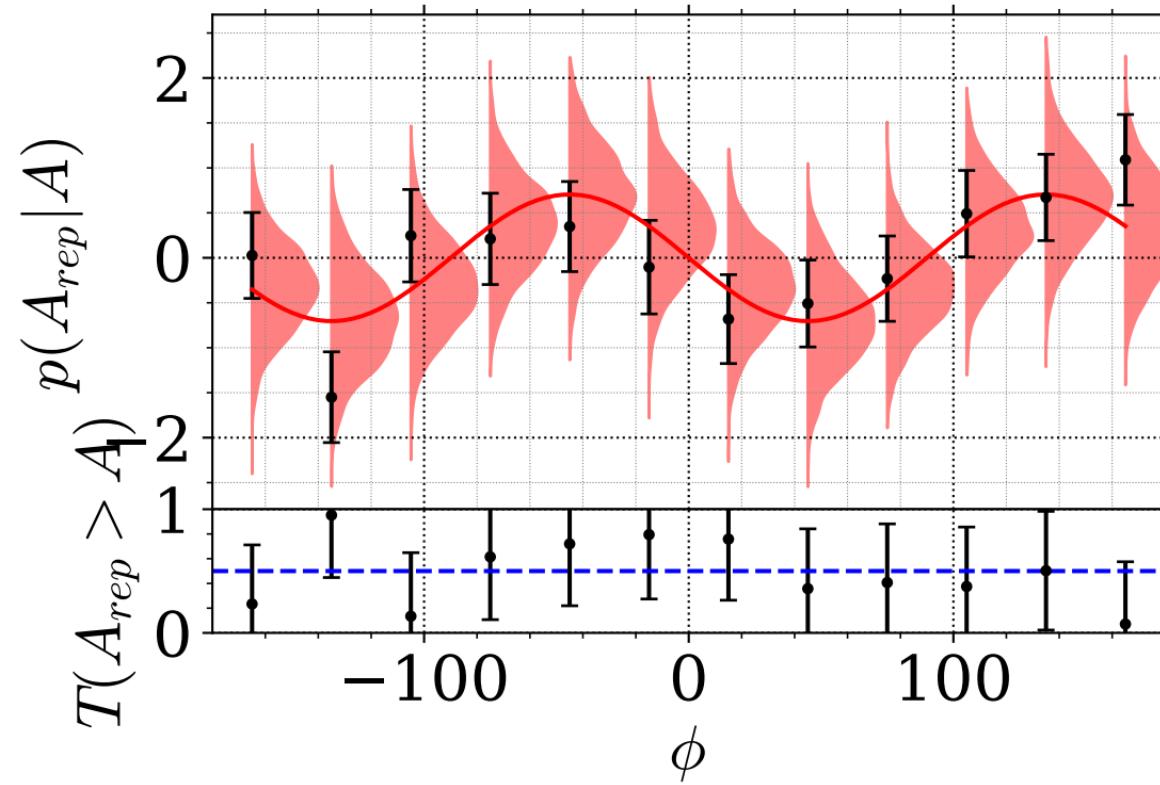
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1130 \leq E_\gamma < 1190, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$



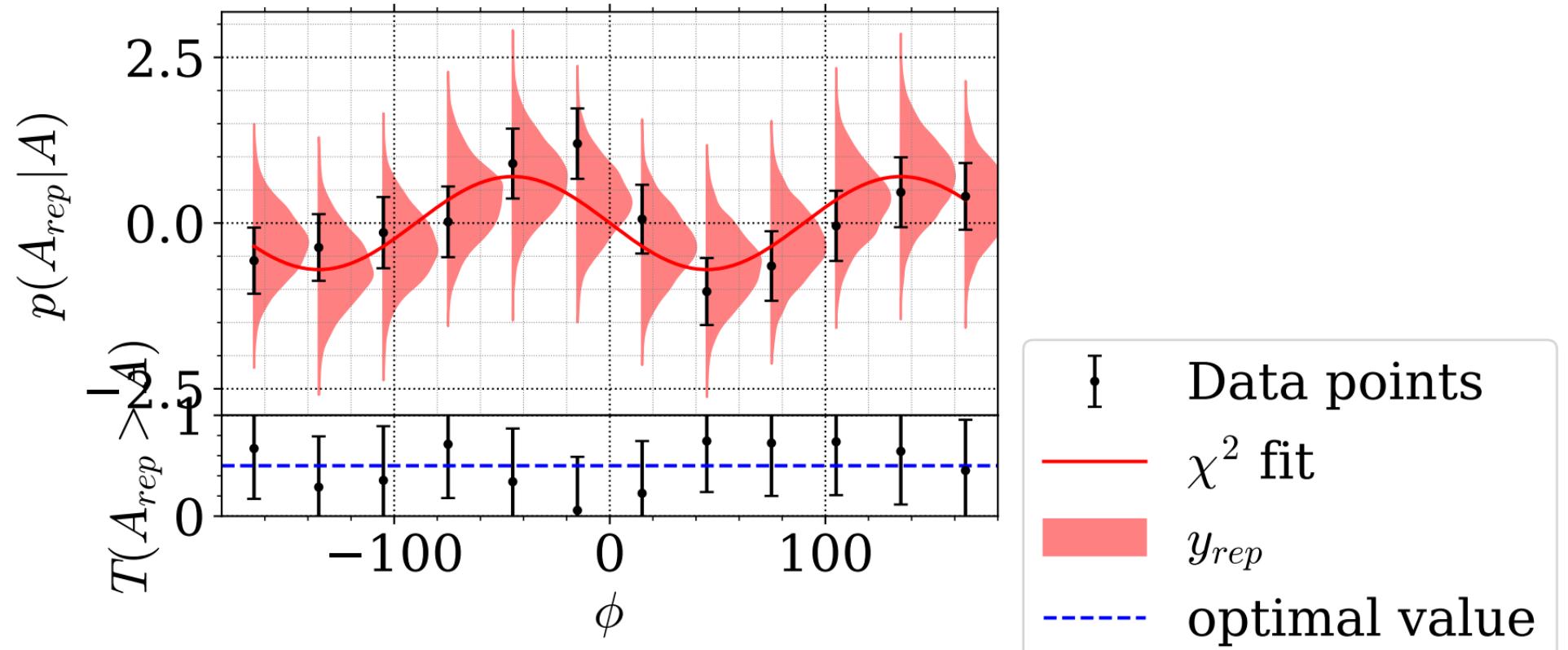
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1130 \leq E_\gamma < 1190, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$

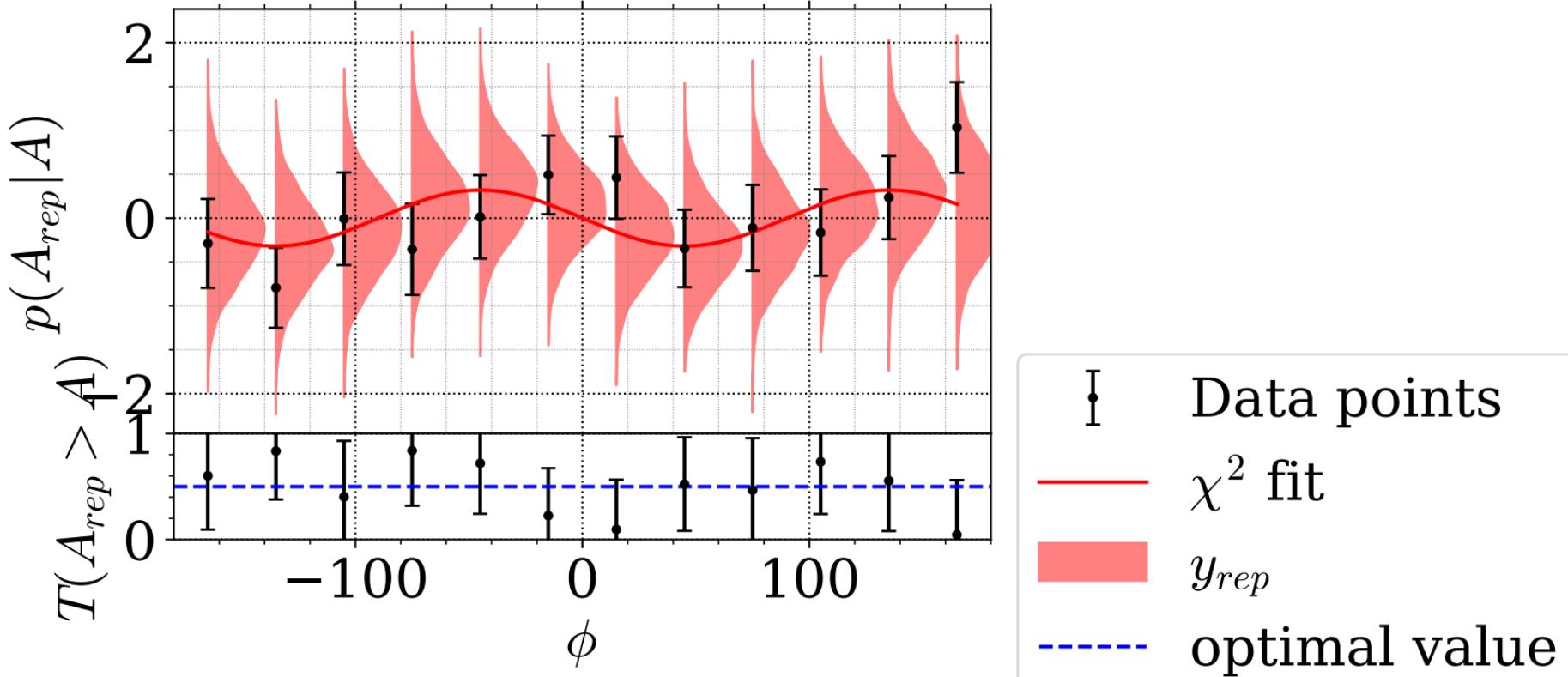


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1130 \leq E_\gamma < 1190, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$

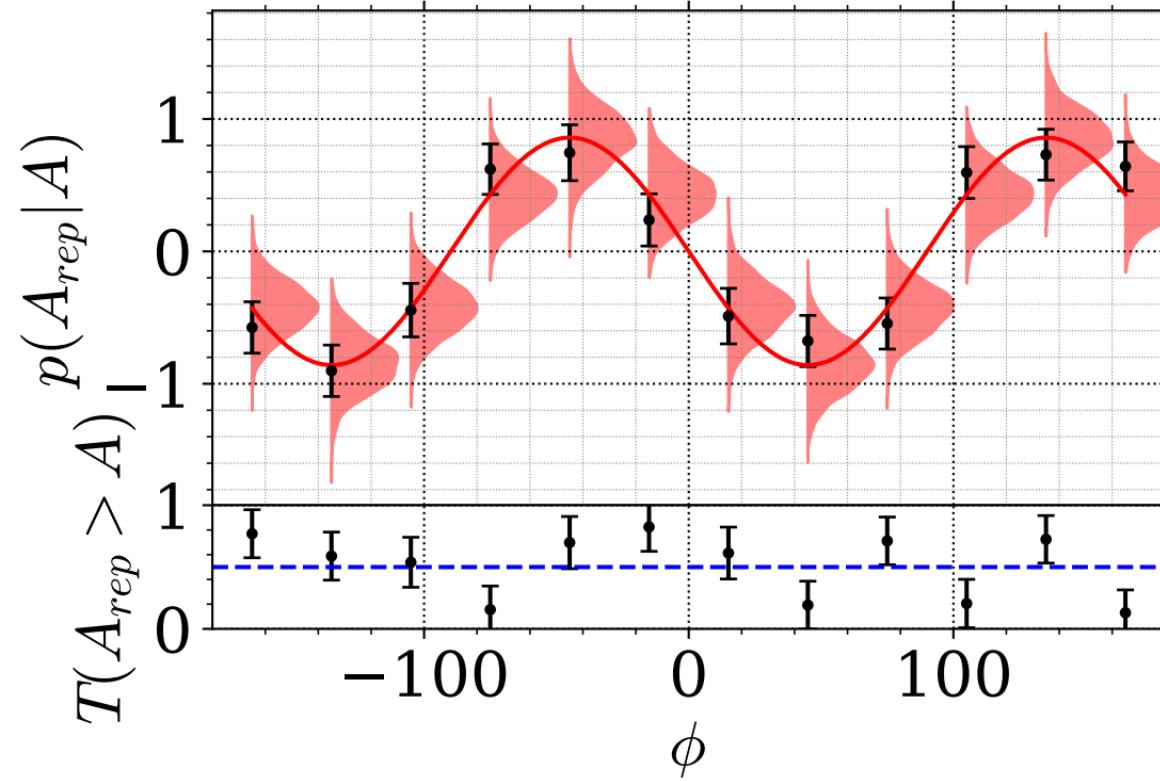


$1730 \leq E_\gamma < 1790, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$



$$1730 \leq E_\gamma < 1790, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$$

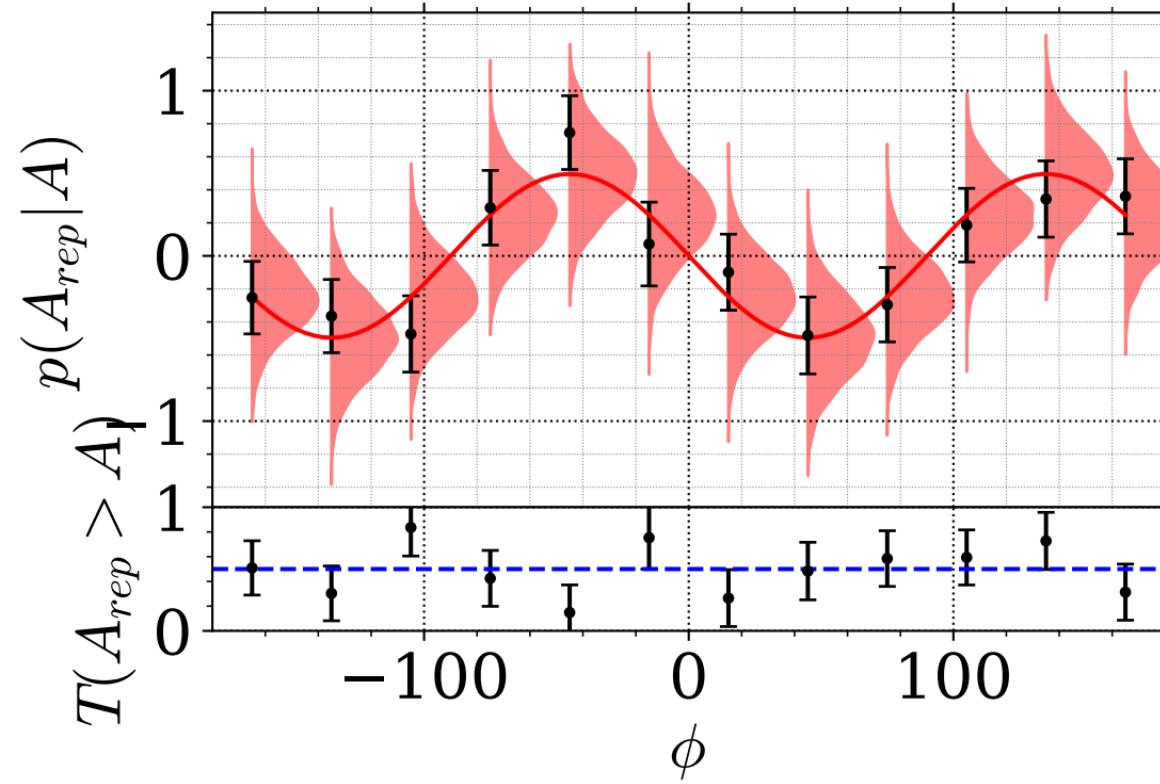
-100 0 100



- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1730 \leq E_\gamma < 1790, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$$

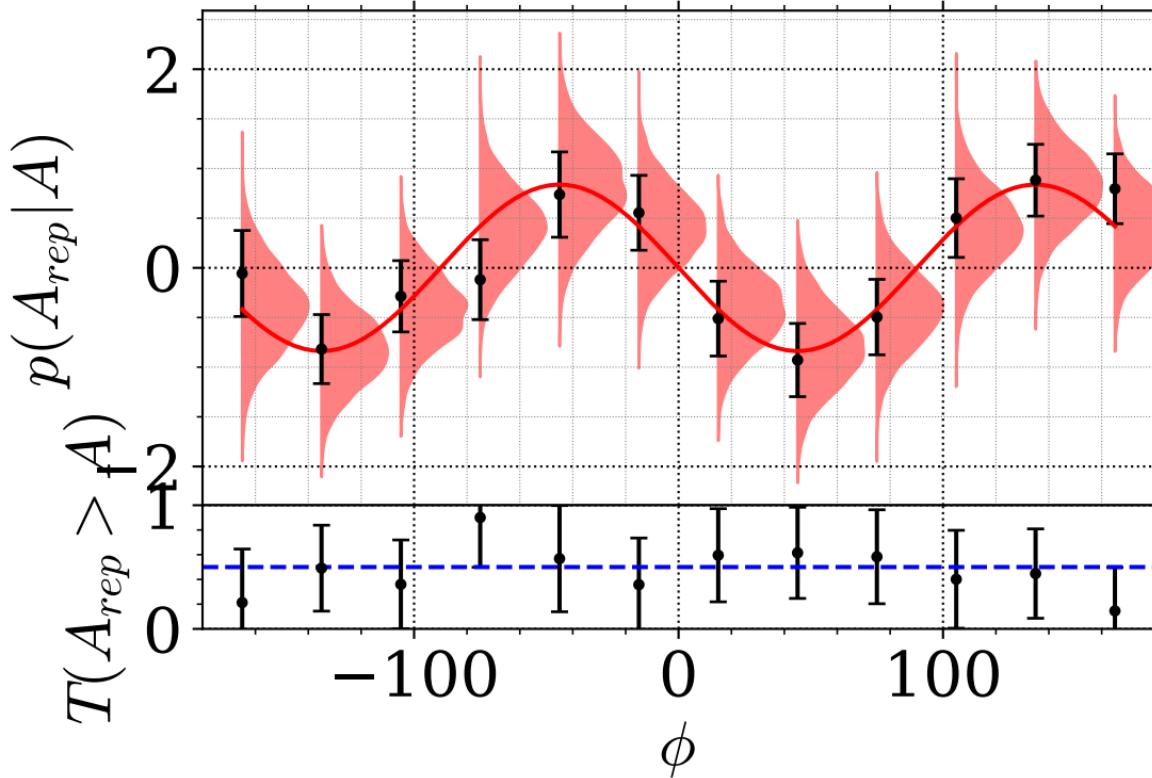
-100 0 100



- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

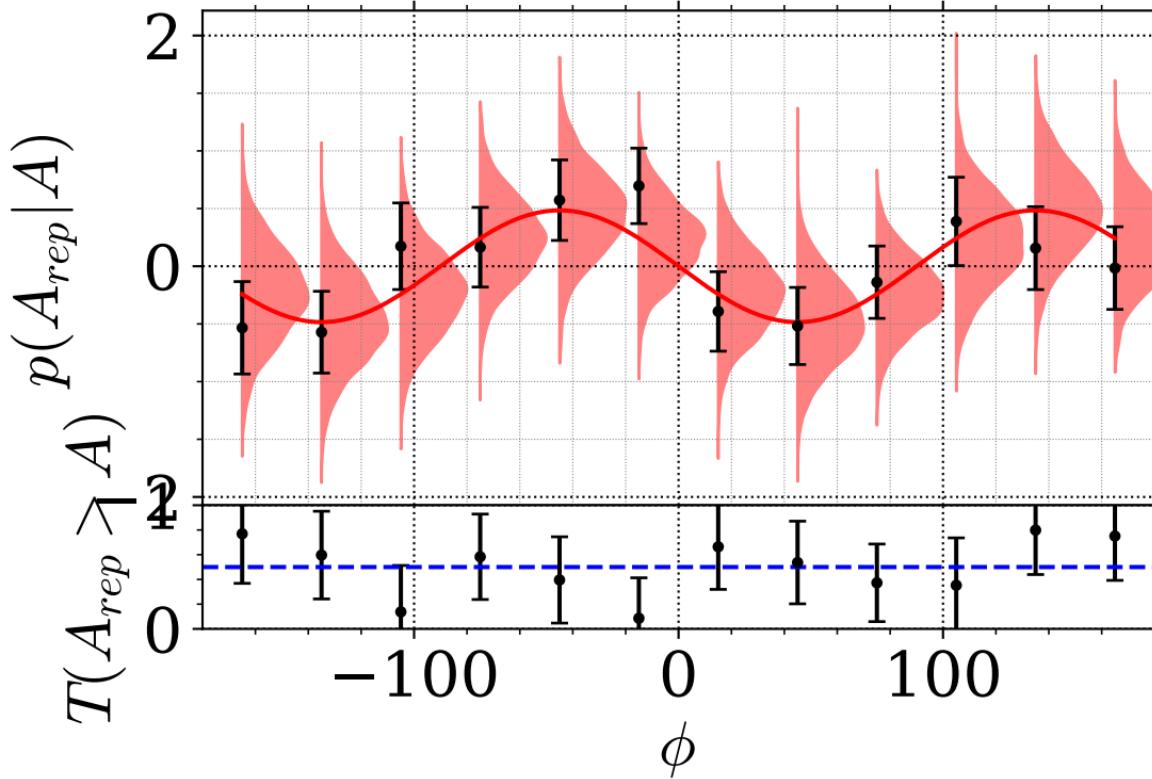
$$1730 \leq E_\gamma < 1790, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$$

-100 0 100

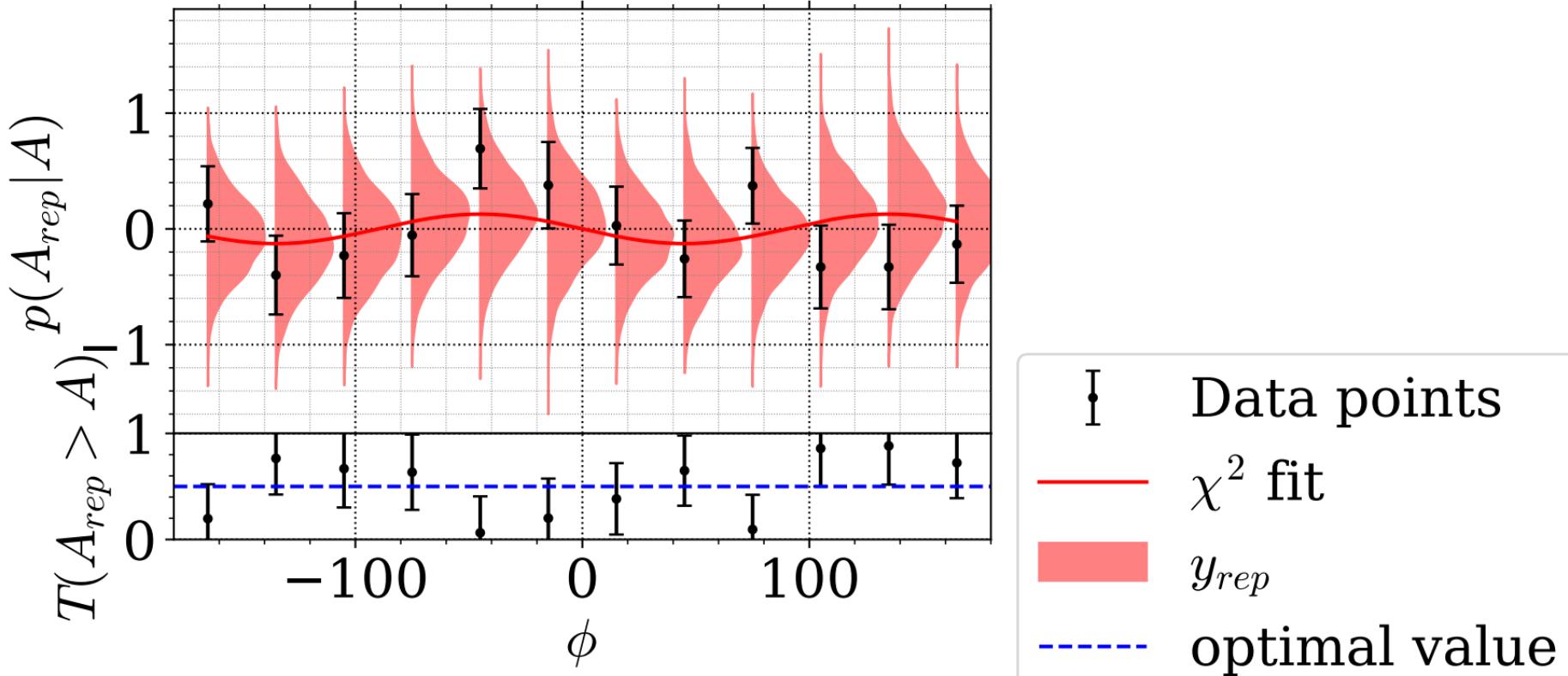


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

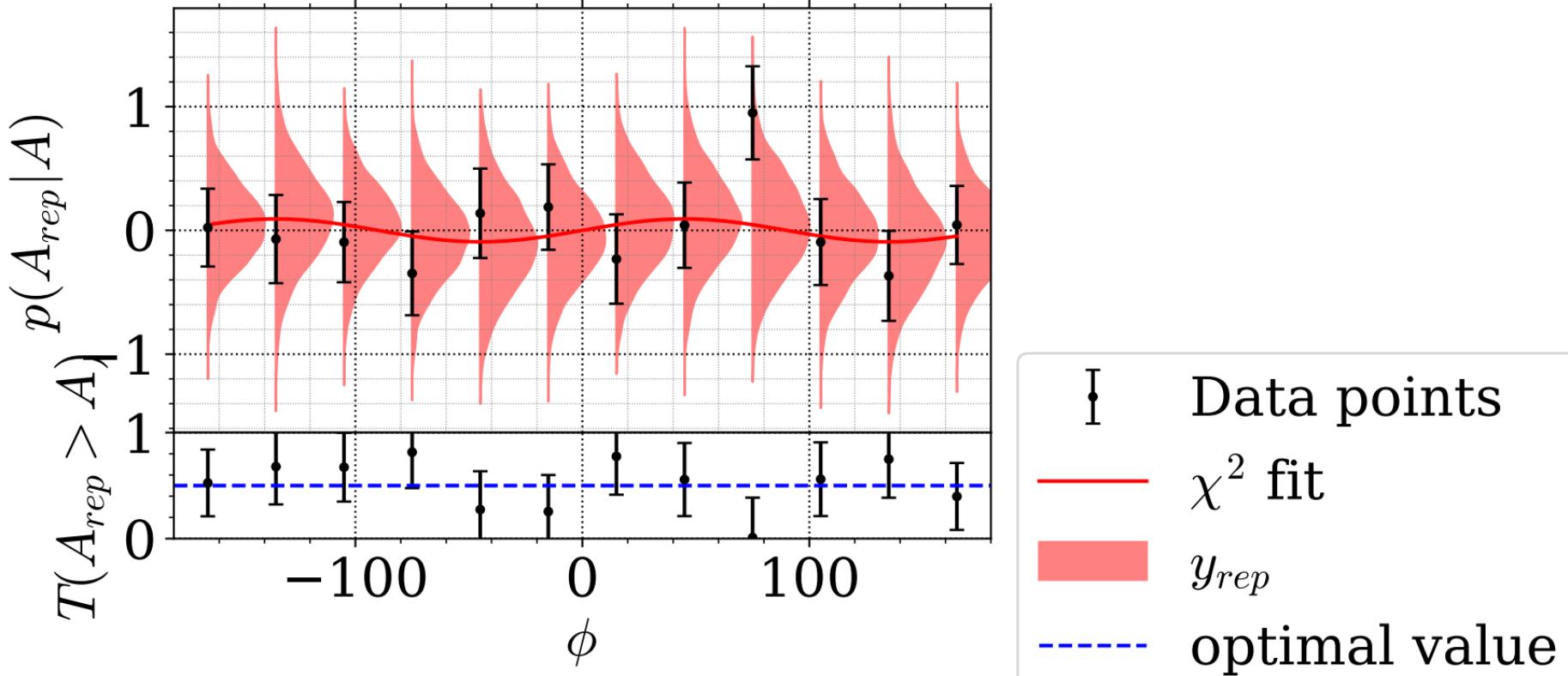
$1730 \leq E_\gamma < 1790, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$



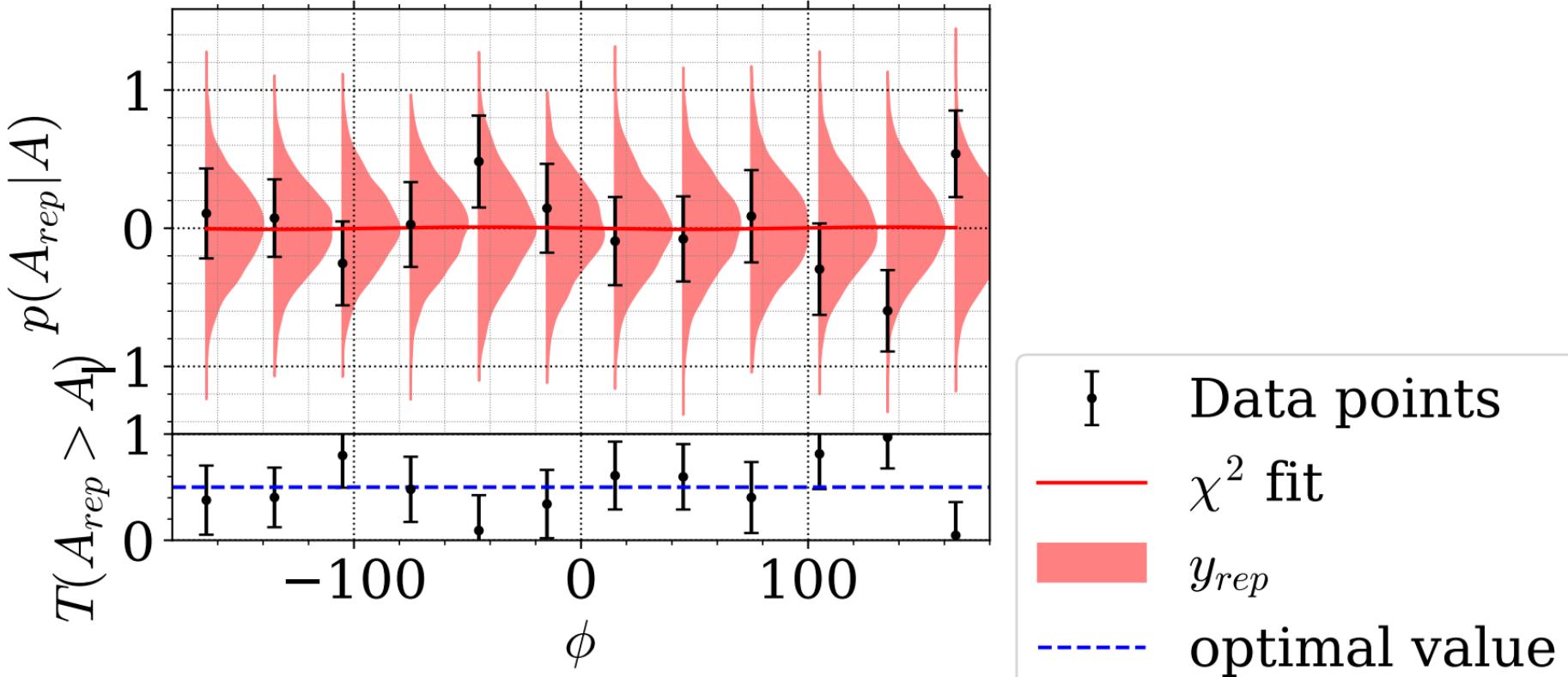
- Data points
- χ^2 fit
- y_{rep}
- optimal value

$$1730 \leq E_\gamma < 1790, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$$


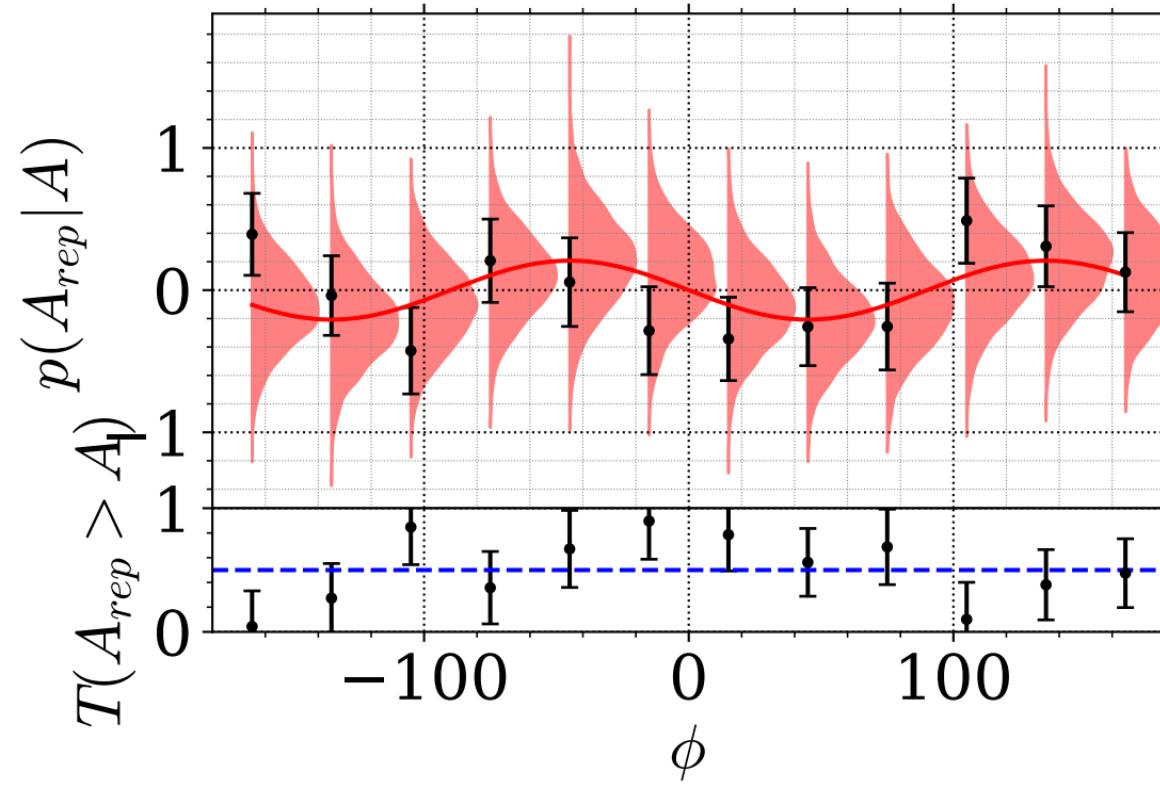
$1730 \leq E_\gamma < 1790, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$



$1730 \leq E_\gamma < 1790, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$



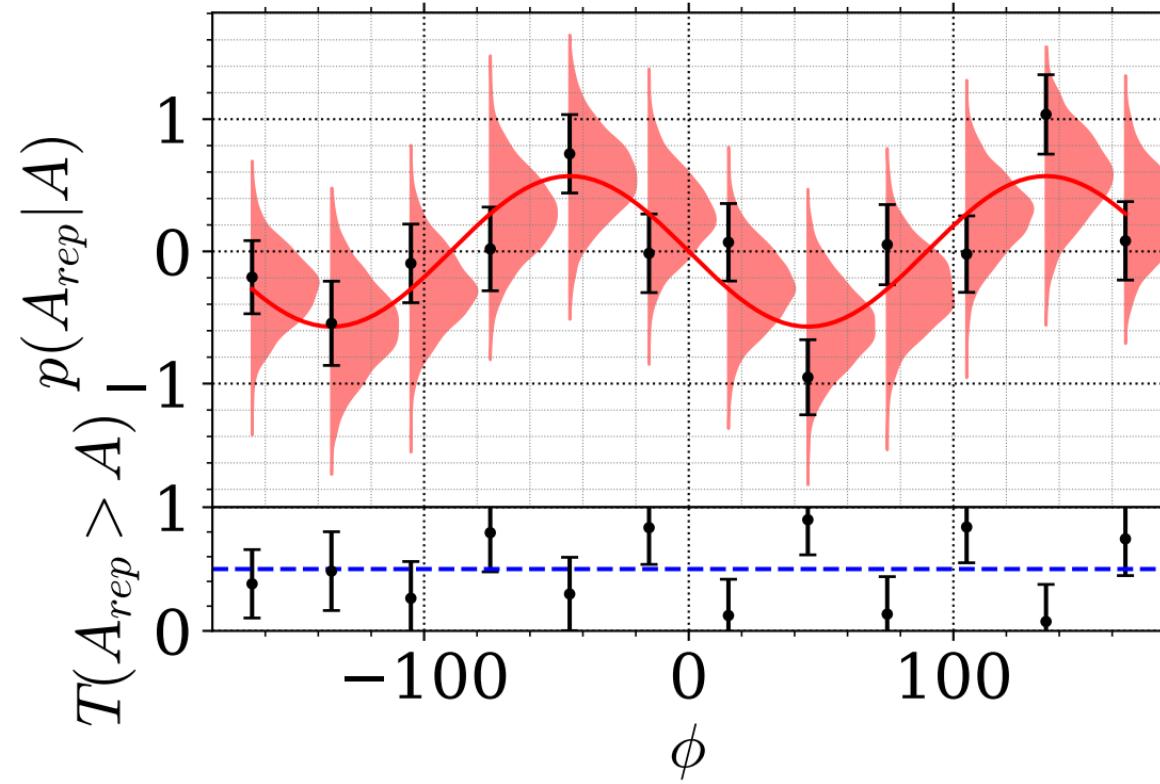
$1730 \leq E_\gamma < 1790, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$



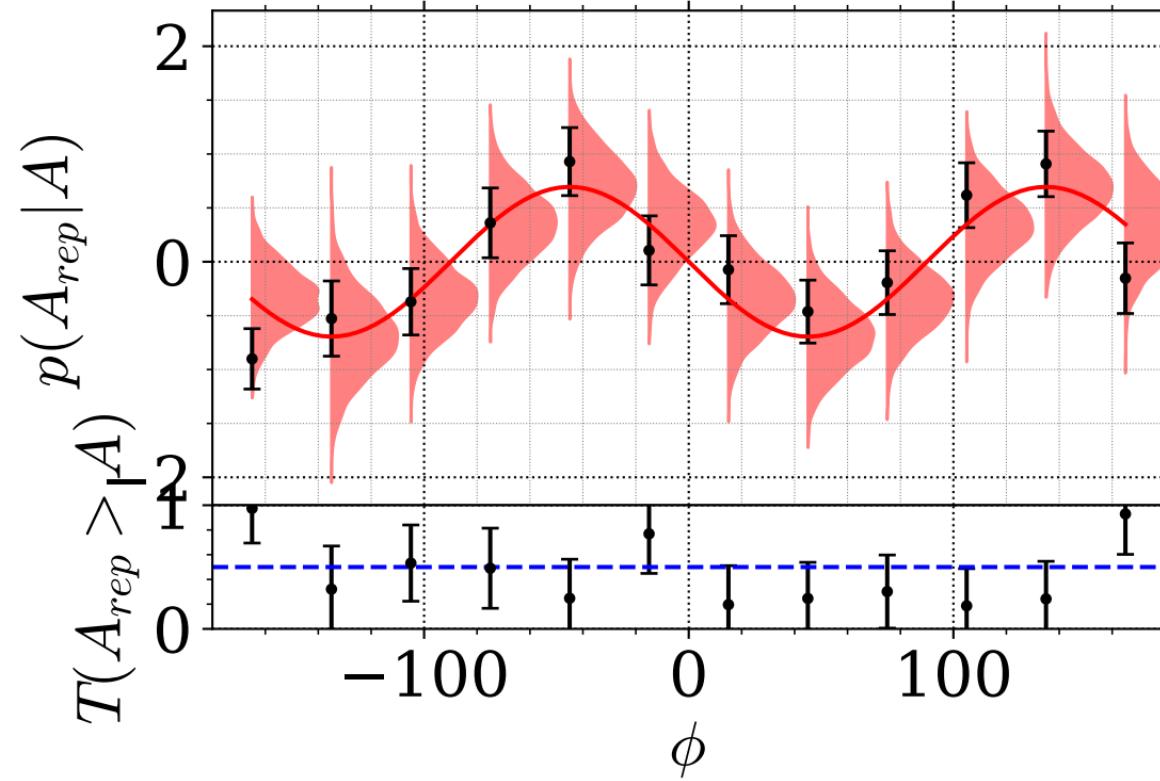
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1730 \leq E_\gamma < 1790, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$$

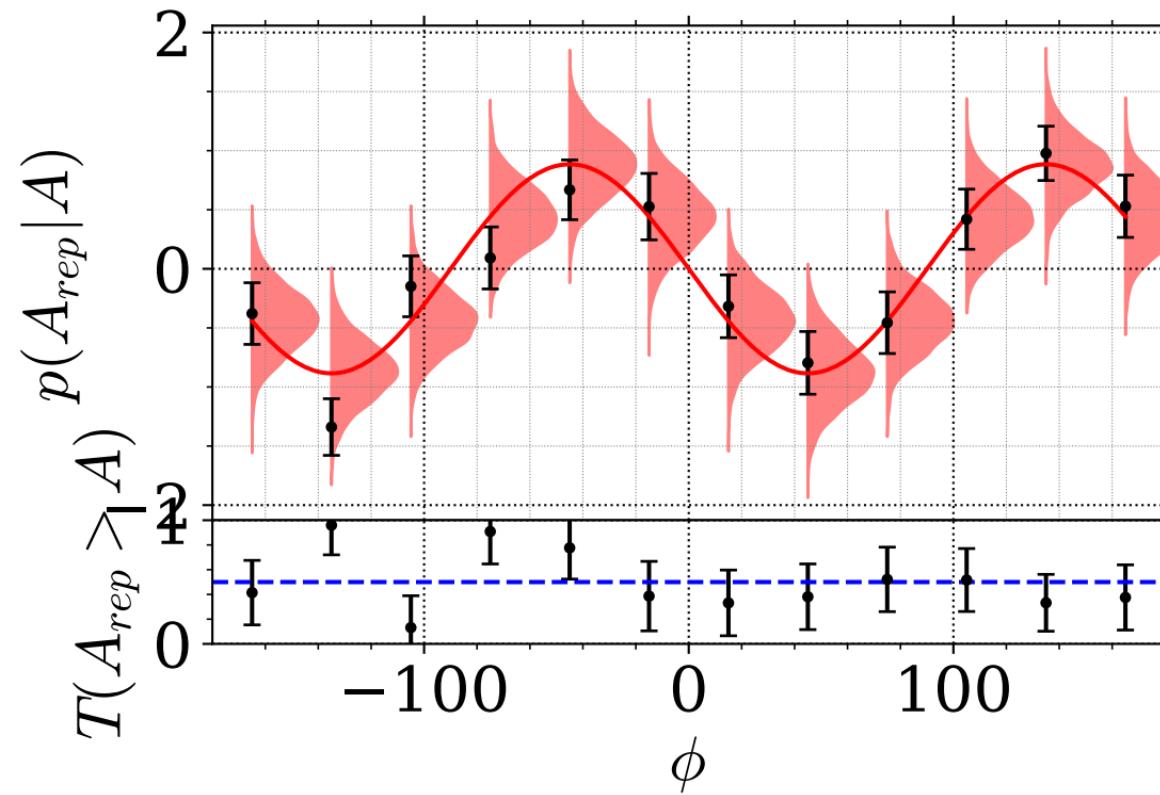
-100 0 100



- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

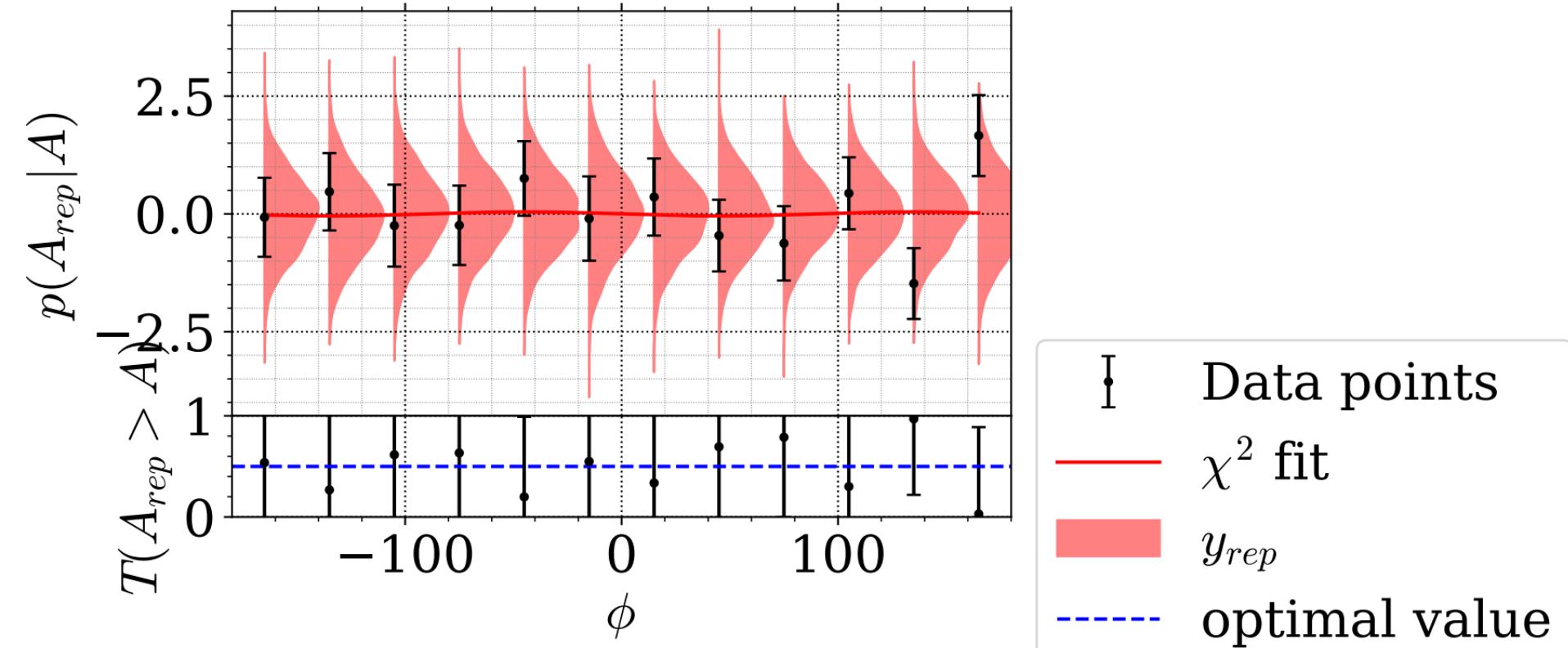
$$1730 \leq E_\gamma < 1790, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

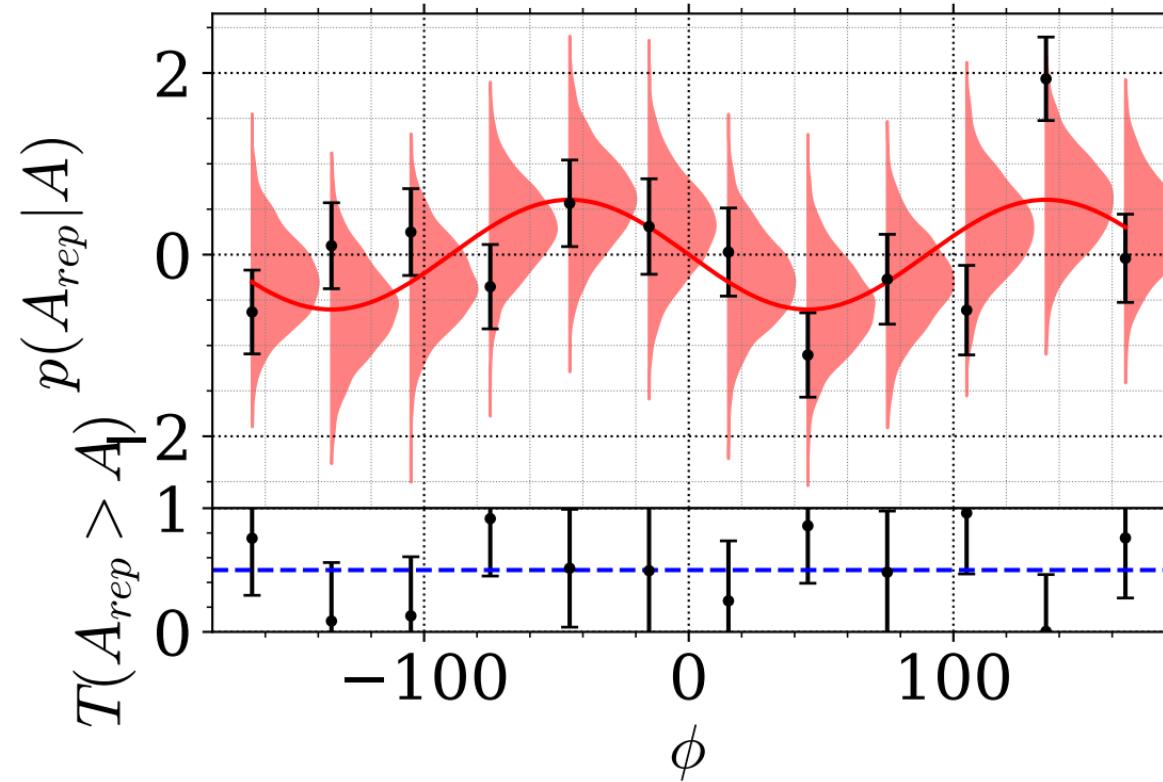
$$1730 \leq E_\gamma < 1790, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1190 \leq E_\gamma < 1250, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$



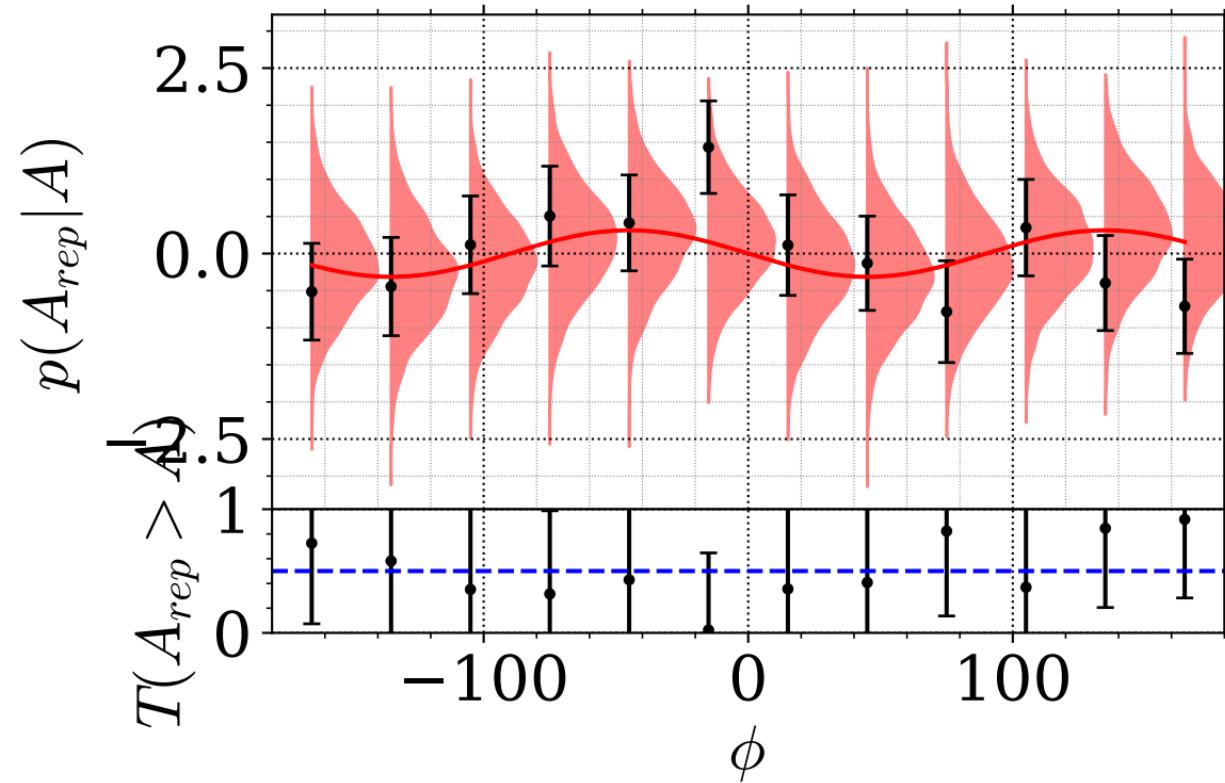
$1190 \leq E_\gamma < 1250, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$



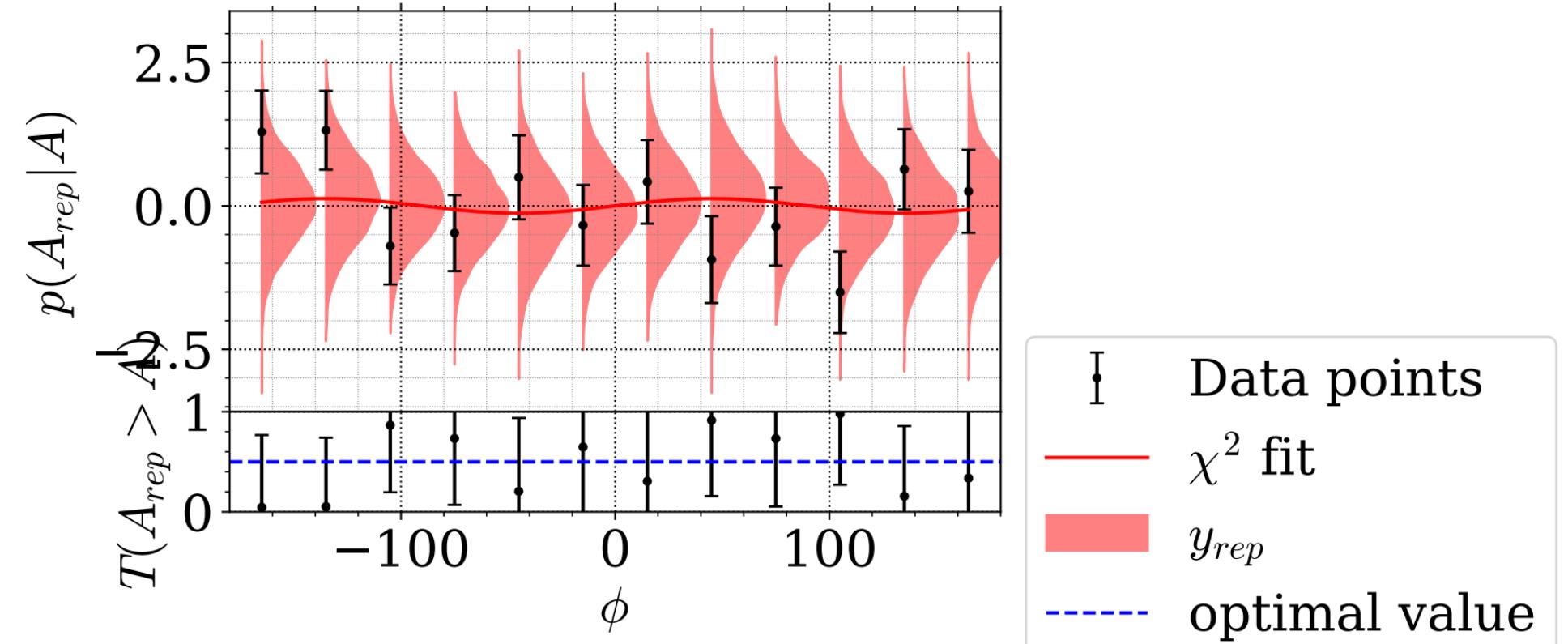
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1190 \leq E_\gamma < 1250, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$$

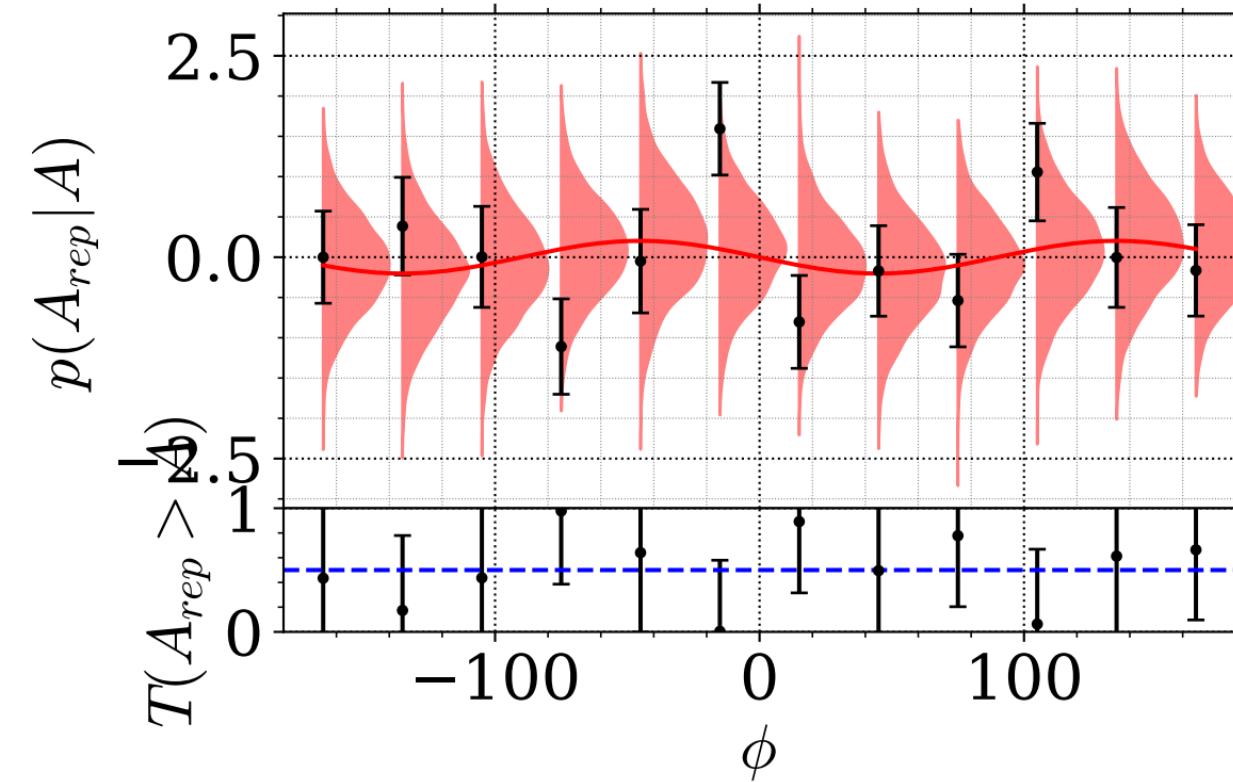
-100 0 100



- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

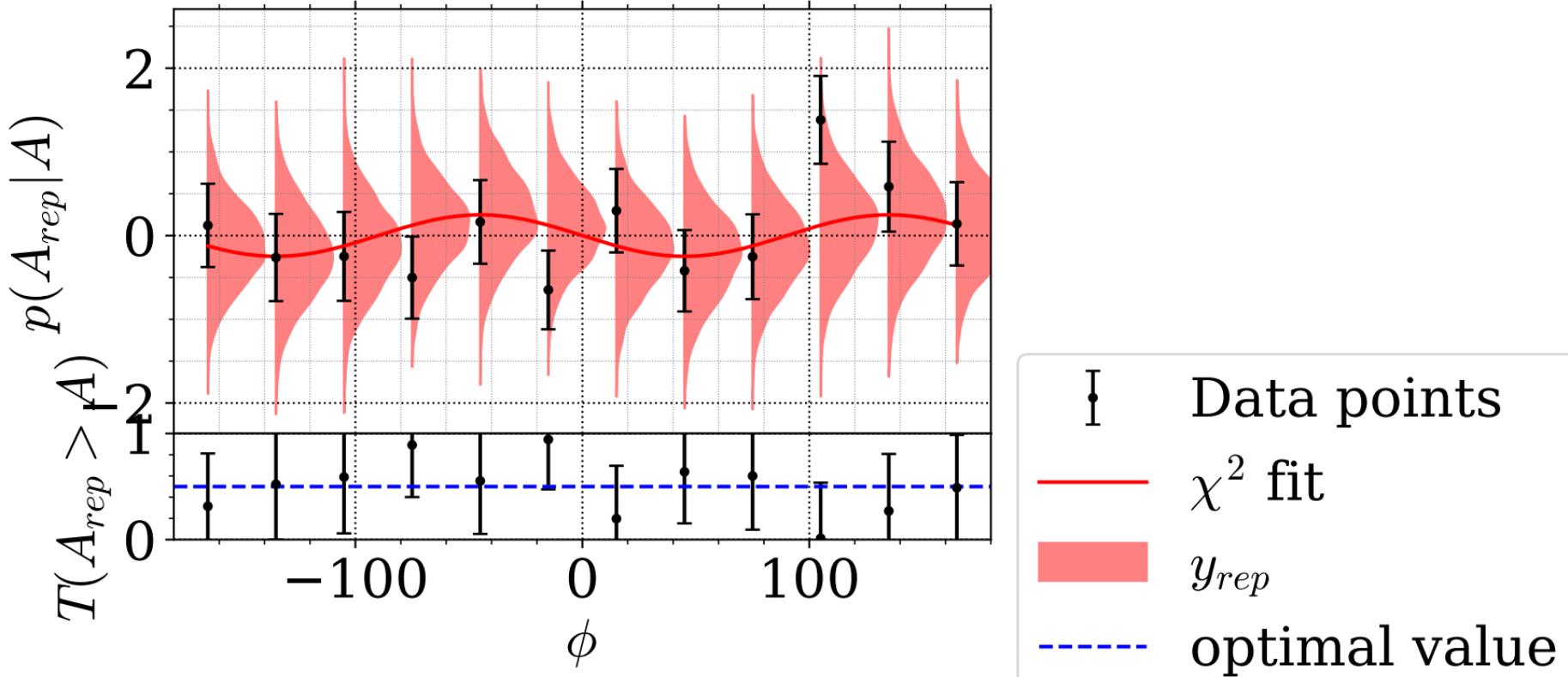
$$1190 \leq E_\gamma < 1250, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$$


$1190 \leq E_\gamma < 1250, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$



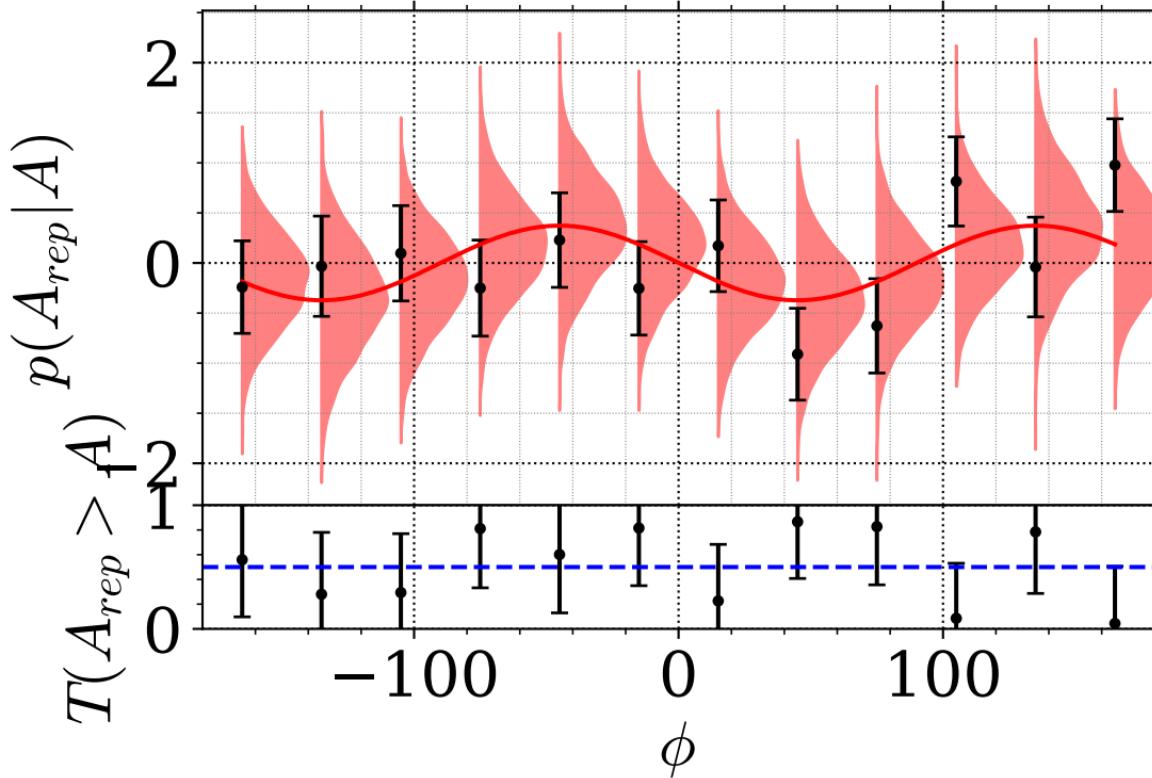
- \square Data points
- \square χ^2 fit
- \square y_{rep}
- \square optimal value

$1190 \leq E_\gamma < 1250, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$



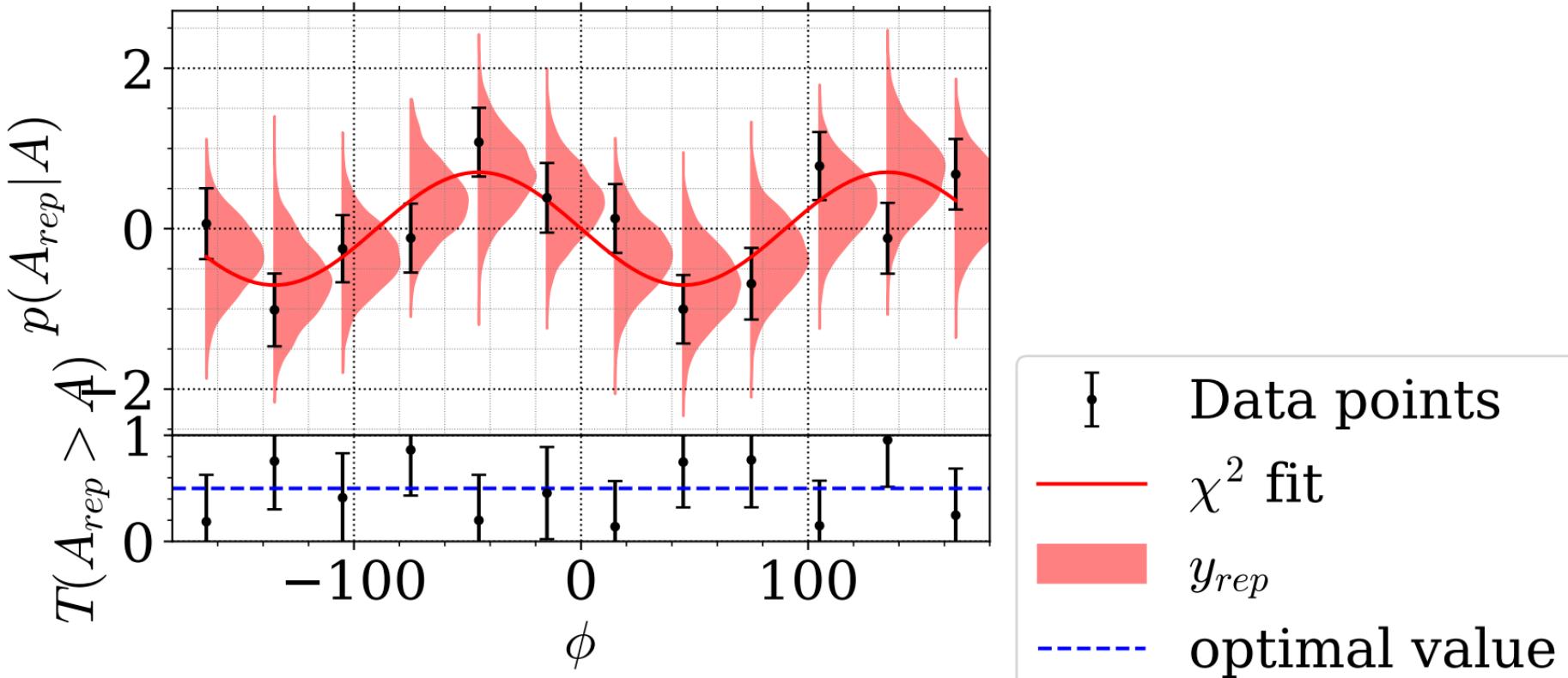
$$1190 \leq E_\gamma < 1250, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$$

-100 0 100



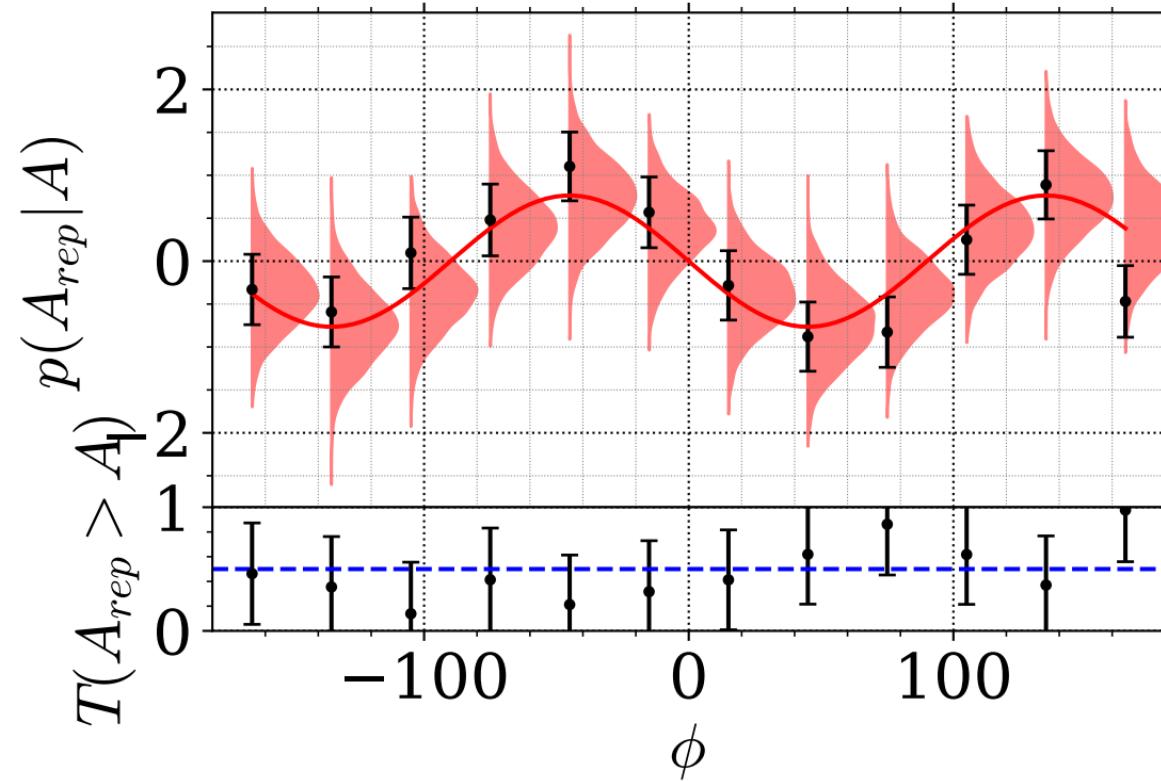
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1190 \leq E_\gamma < 1250, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$



$$1190 \leq E_\gamma < 1250, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$$

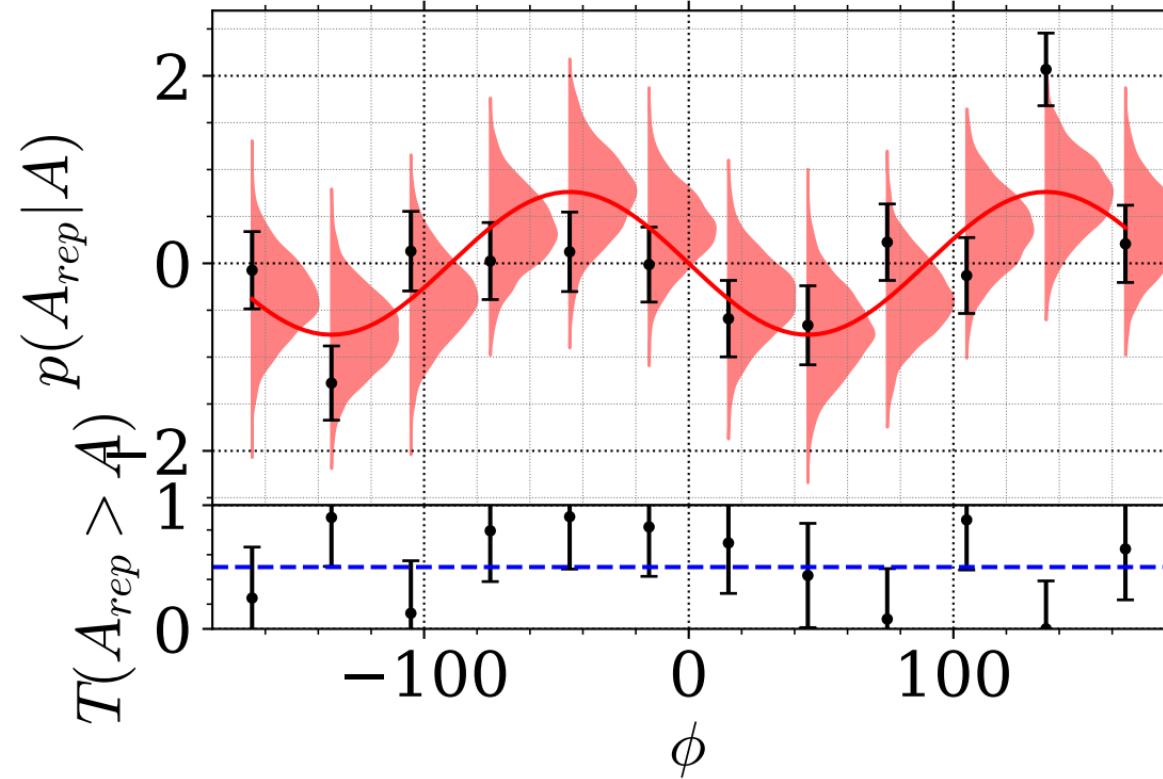
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- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

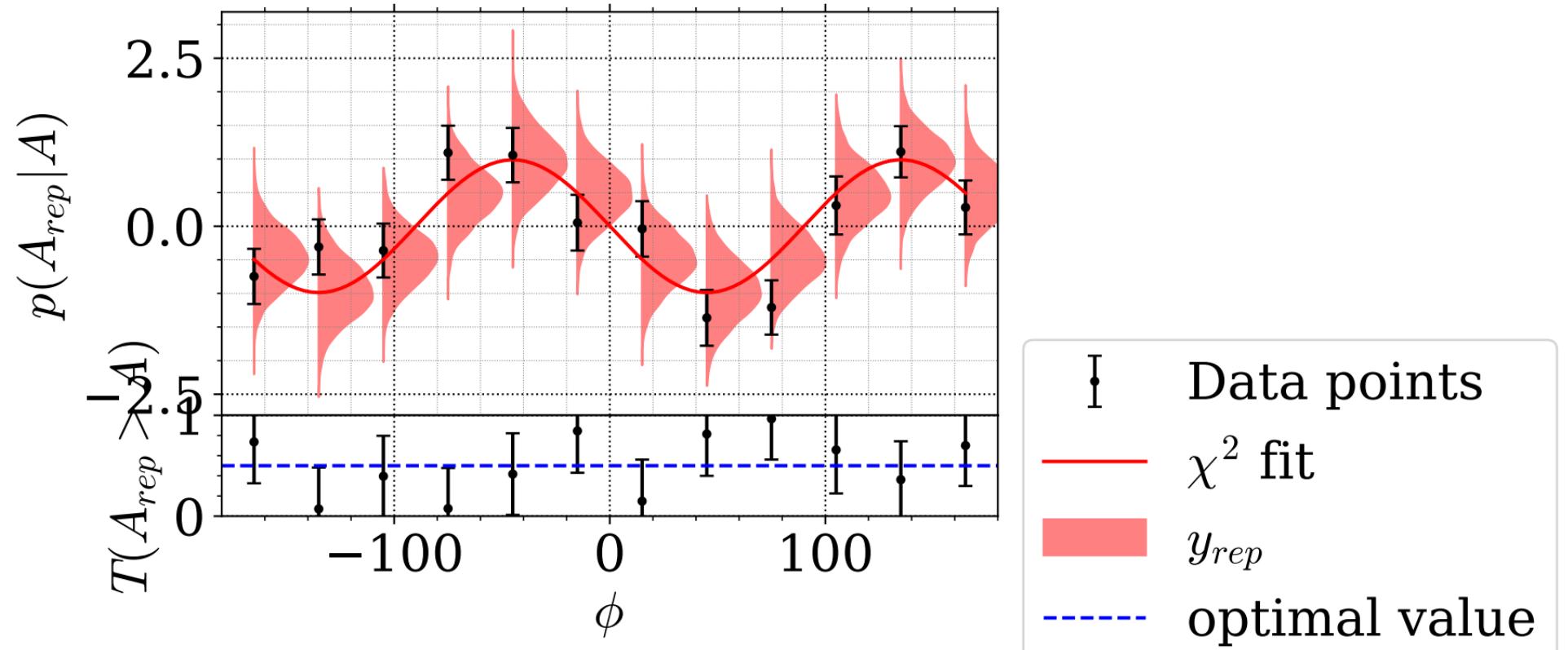
$$1190 \leq E_\gamma < 1250, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$$

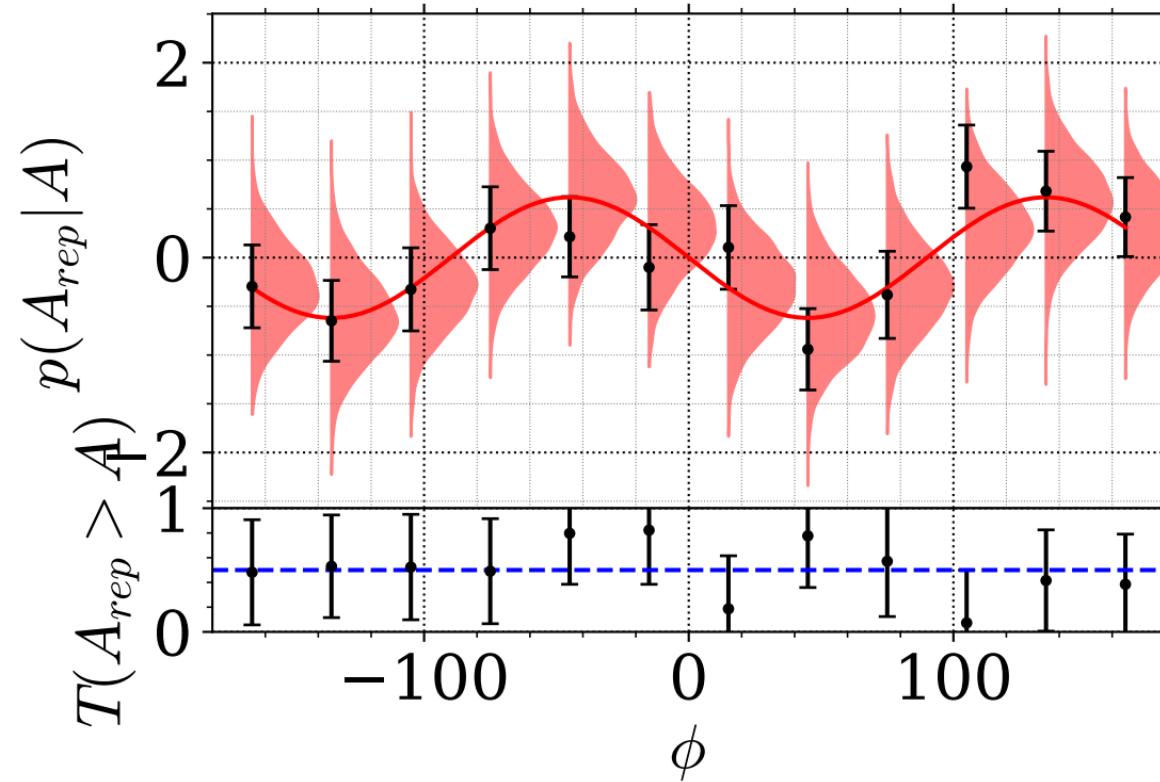
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- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

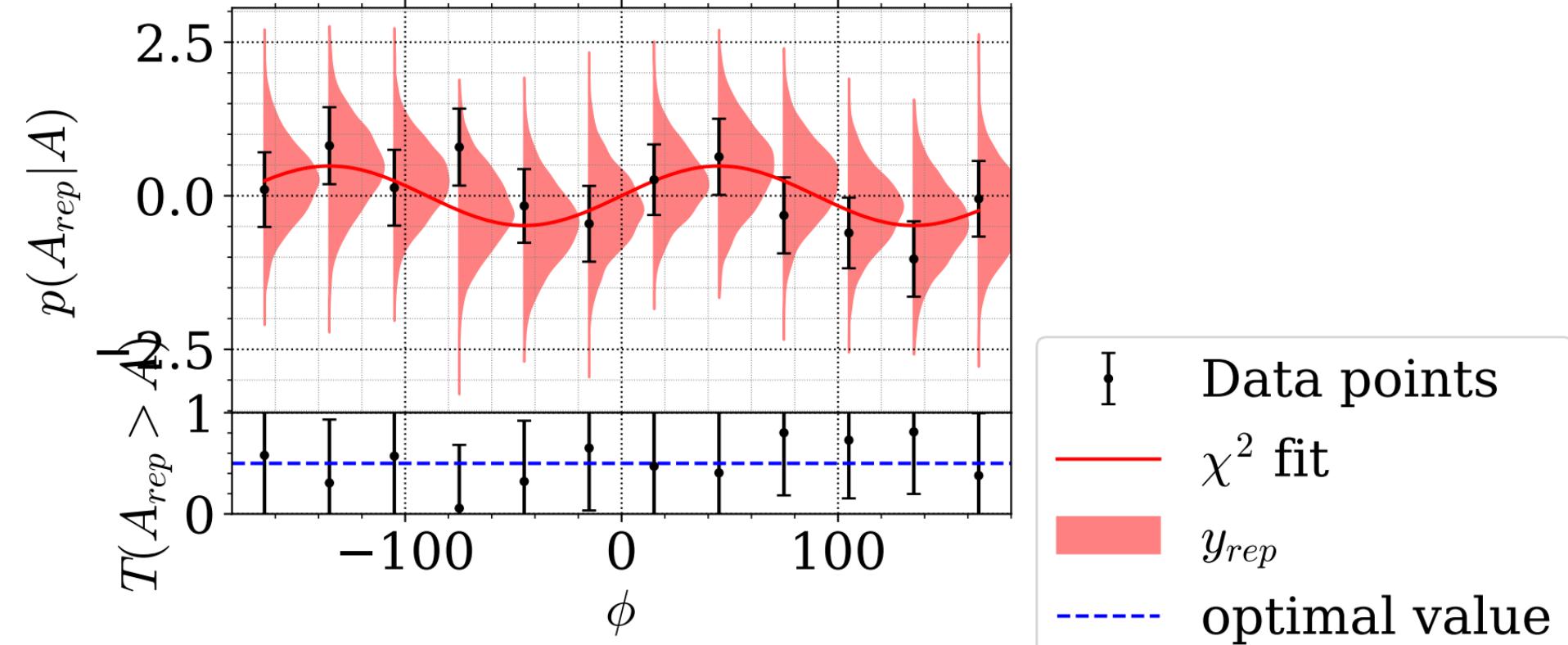
$1190 \leq E_\gamma < 1250, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$



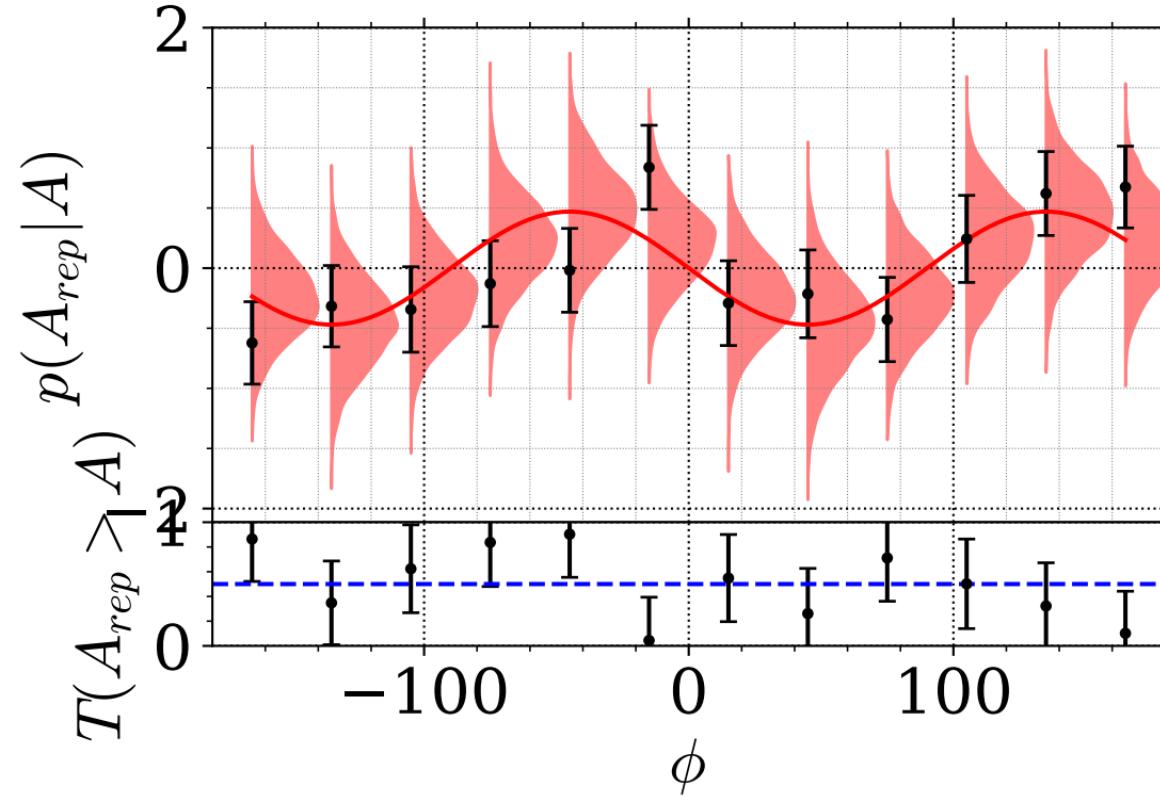
$$1190 \leq E_\gamma < 1250, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1250 \leq E_\gamma < 1310, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$

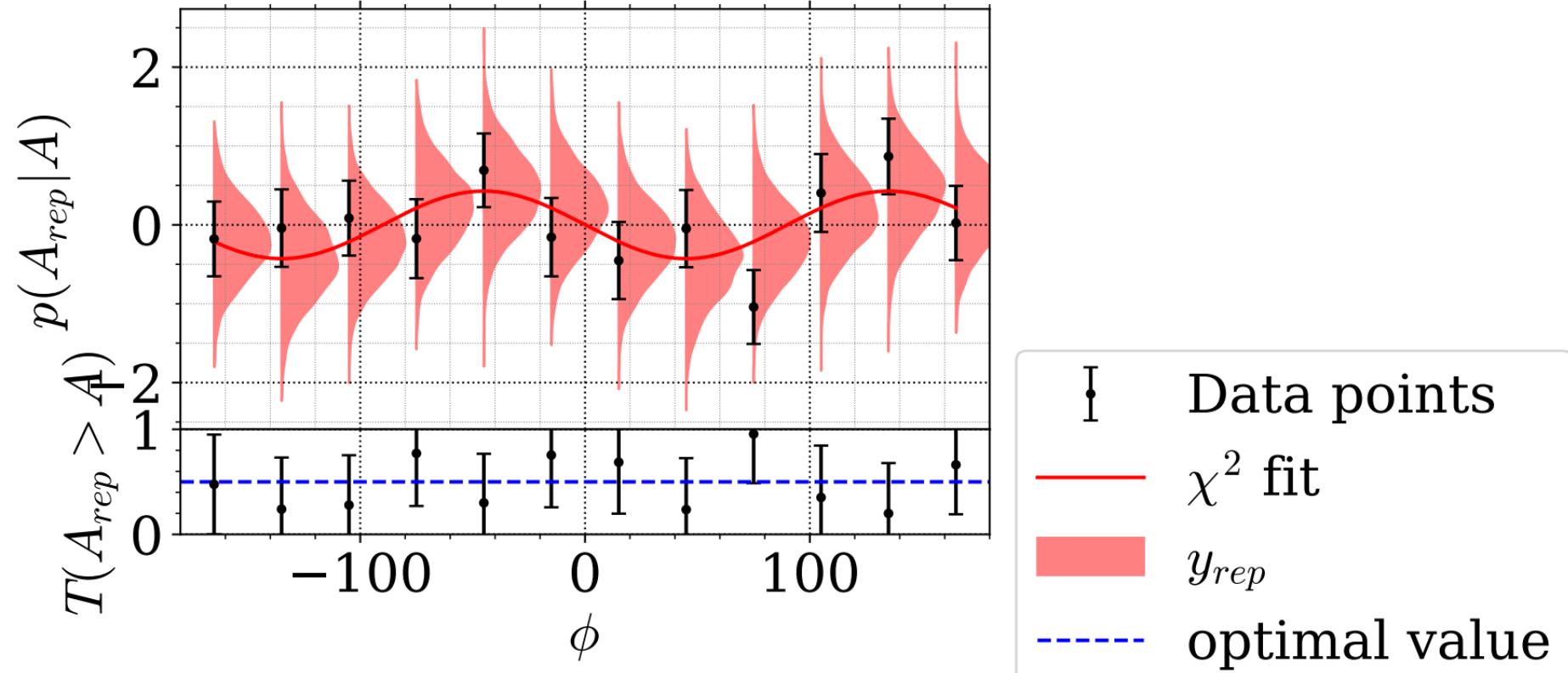


$1250 \leq E_\gamma < 1310, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$

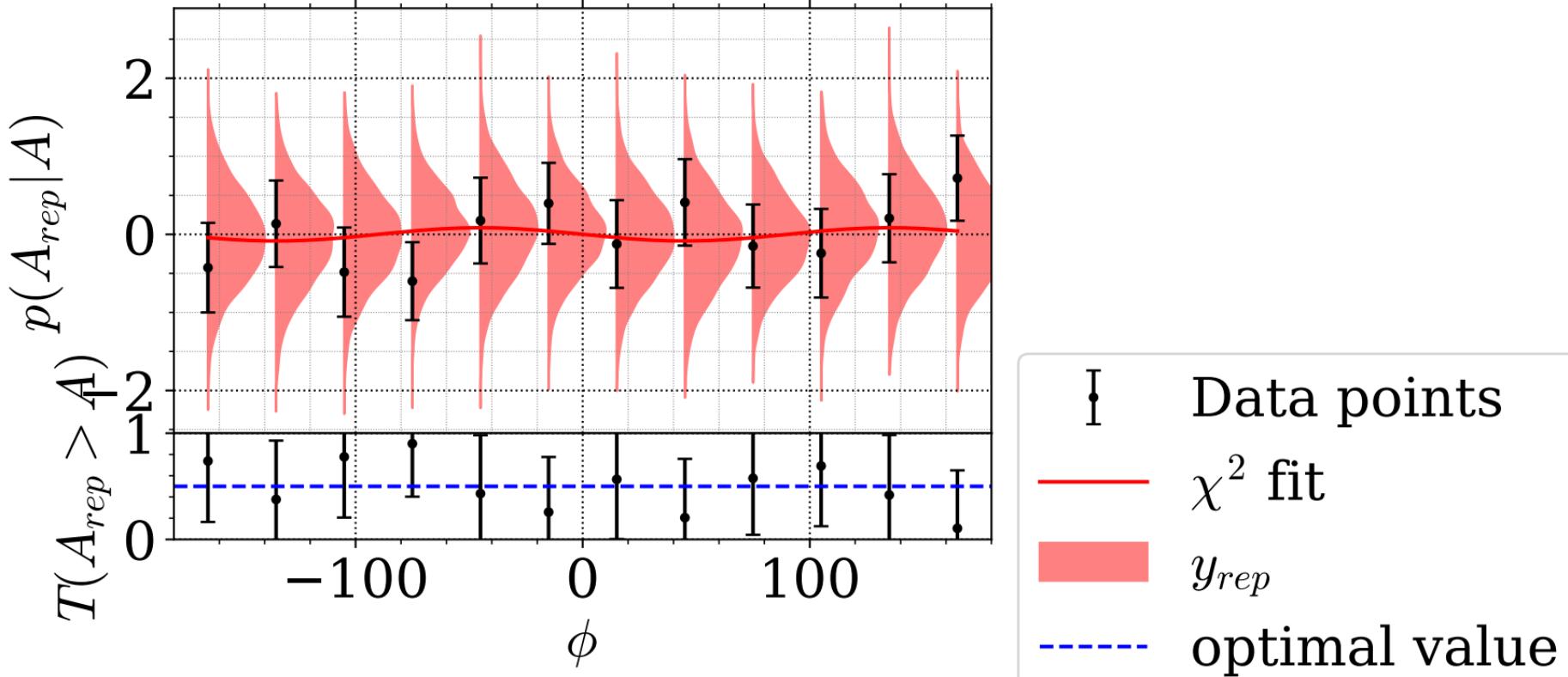


- \bullet Data points
- --- χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- --- optimal value

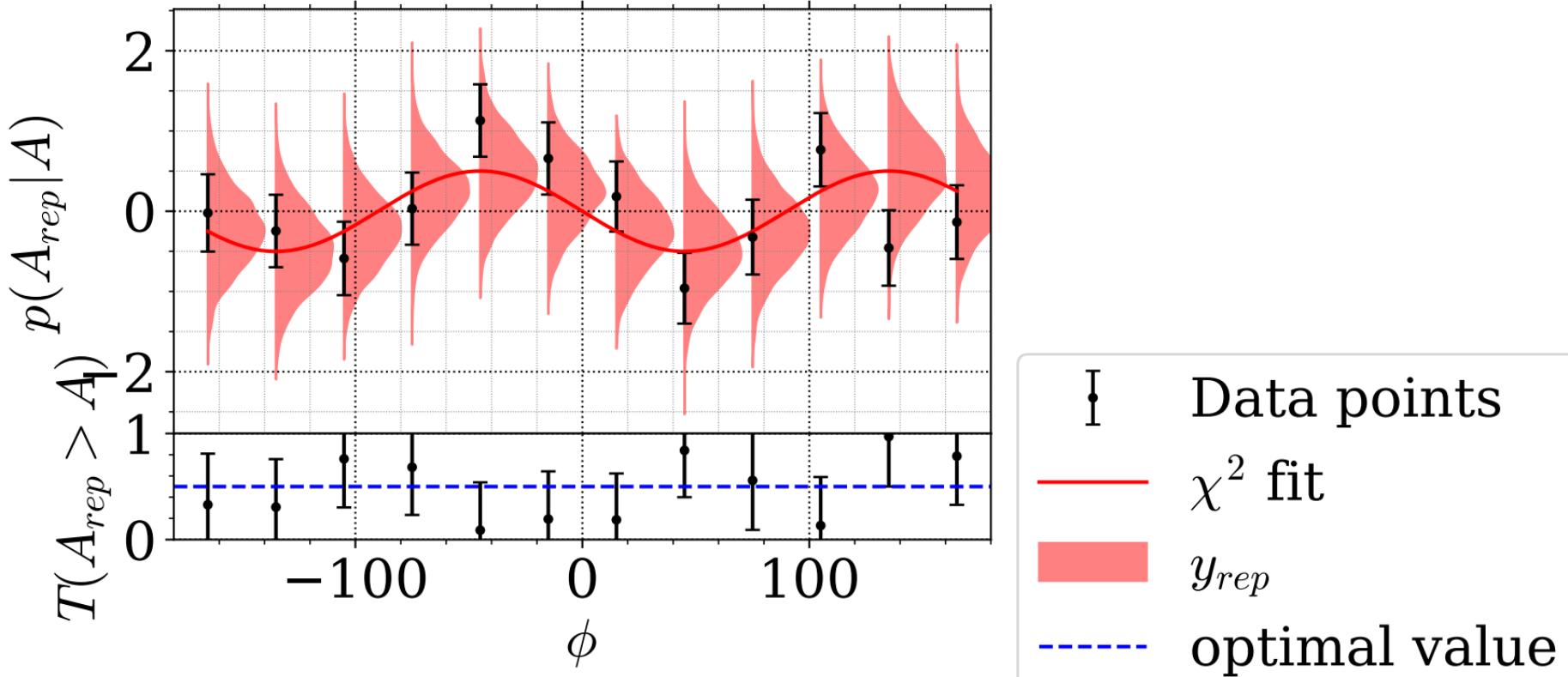
$1250 \leq E_\gamma < 1310, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$



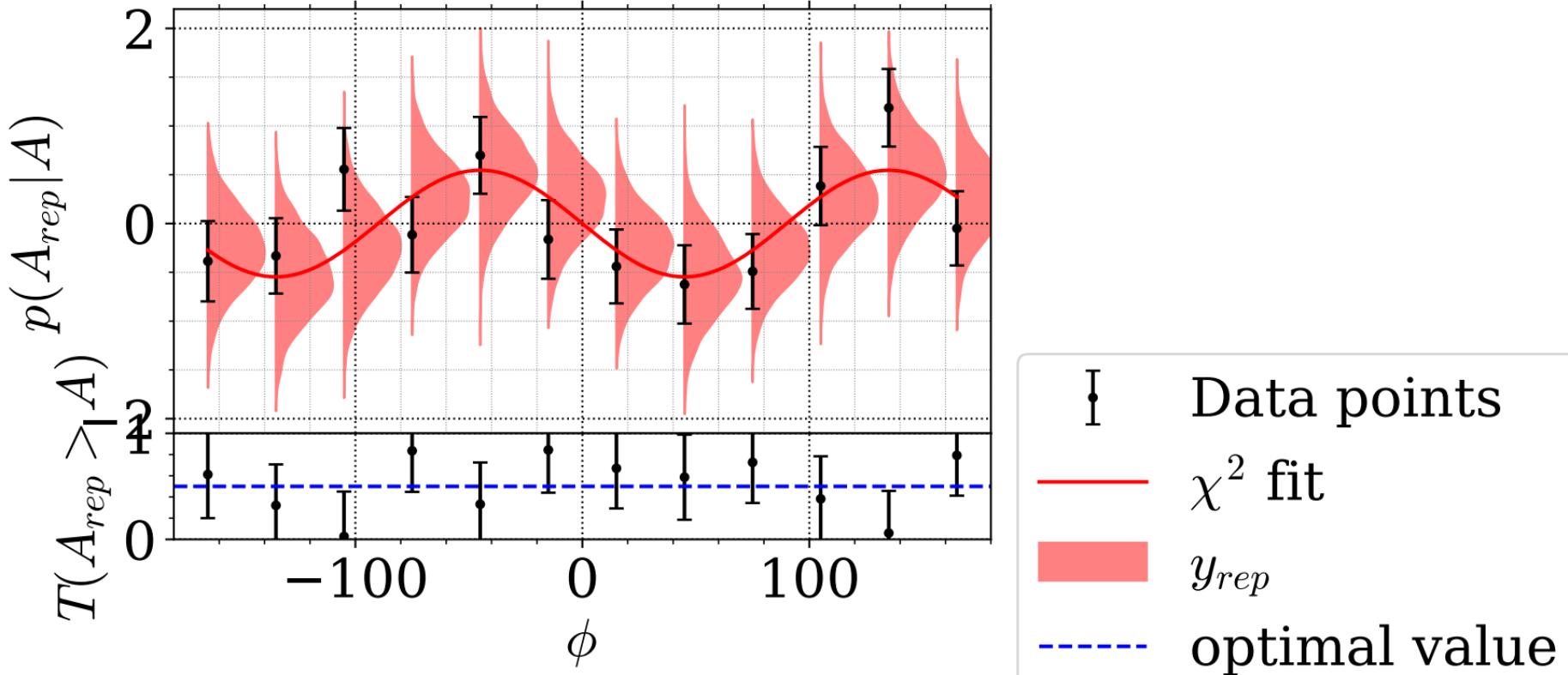
$1250 \leq E_\gamma < 1310, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$



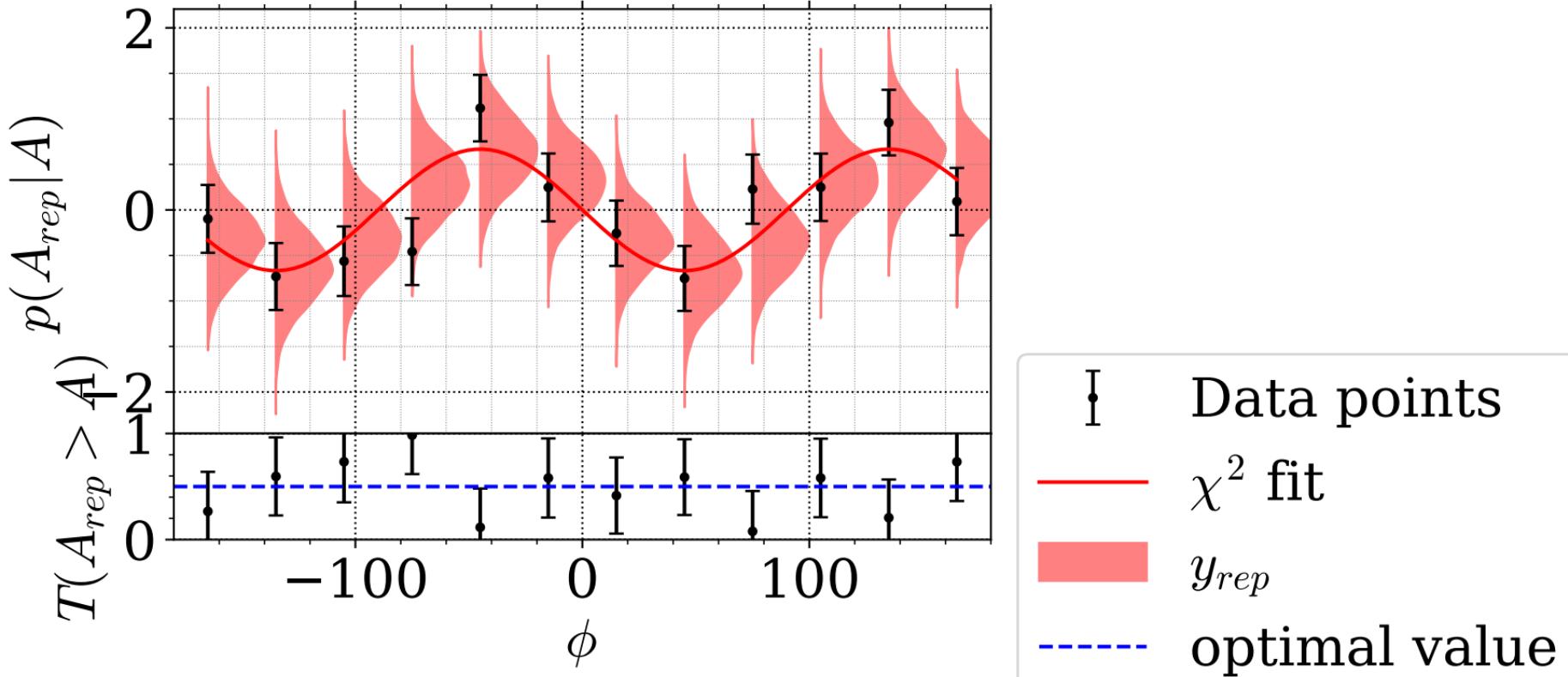
$1250 \leq E_\gamma < 1310, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$



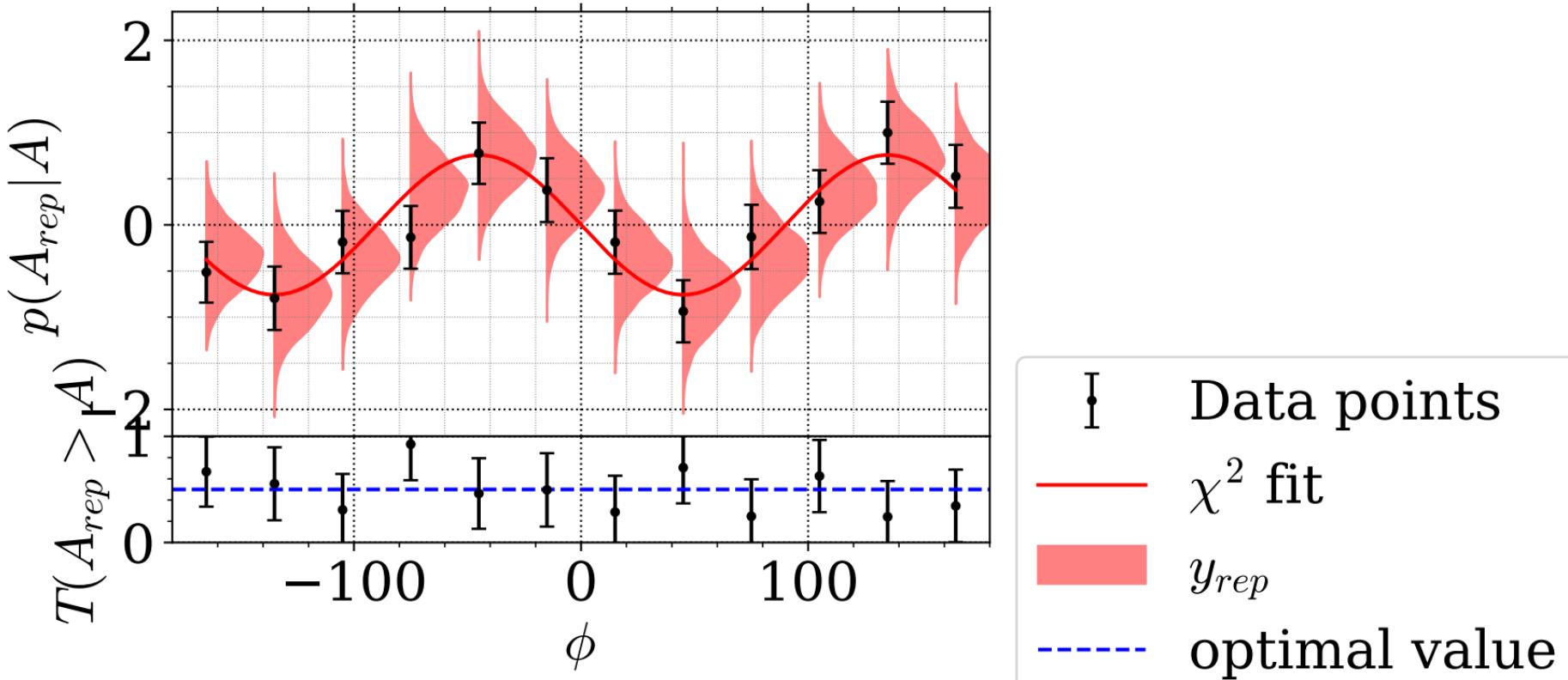
$1250 \leq E_\gamma < 1310, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$



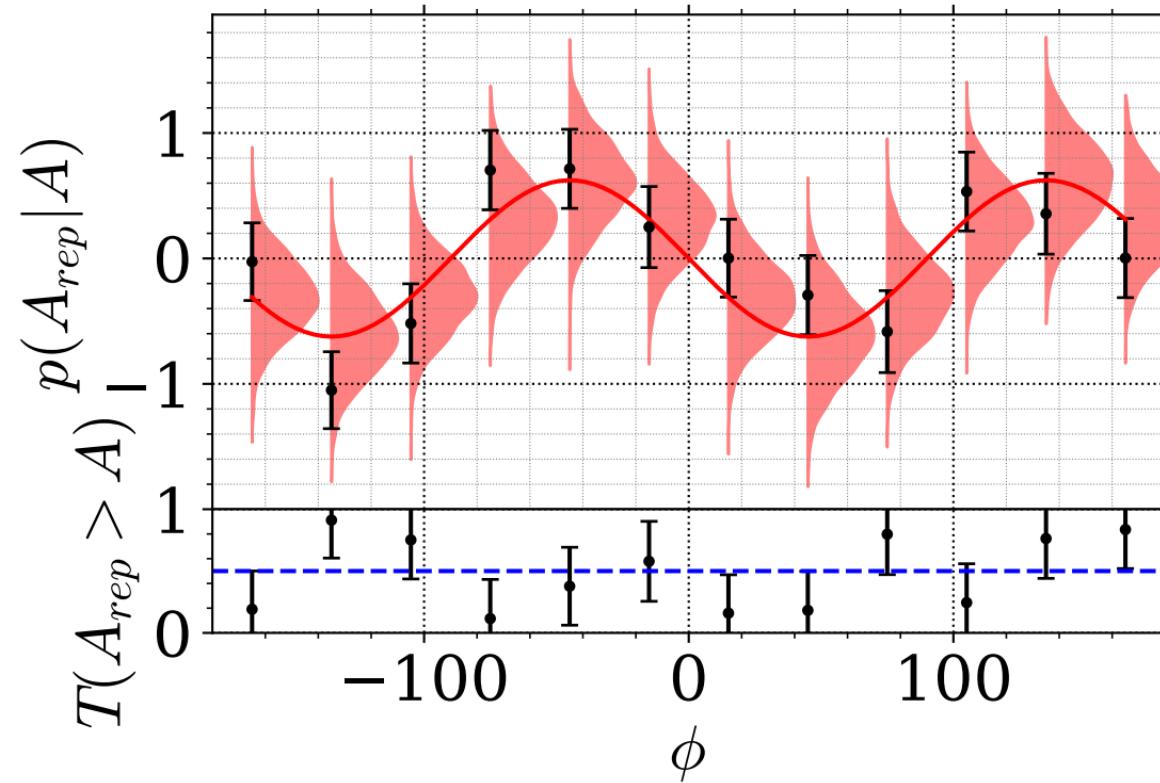
$1250 \leq E_\gamma < 1310, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$



$1250 \leq E_\gamma < 1310, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$

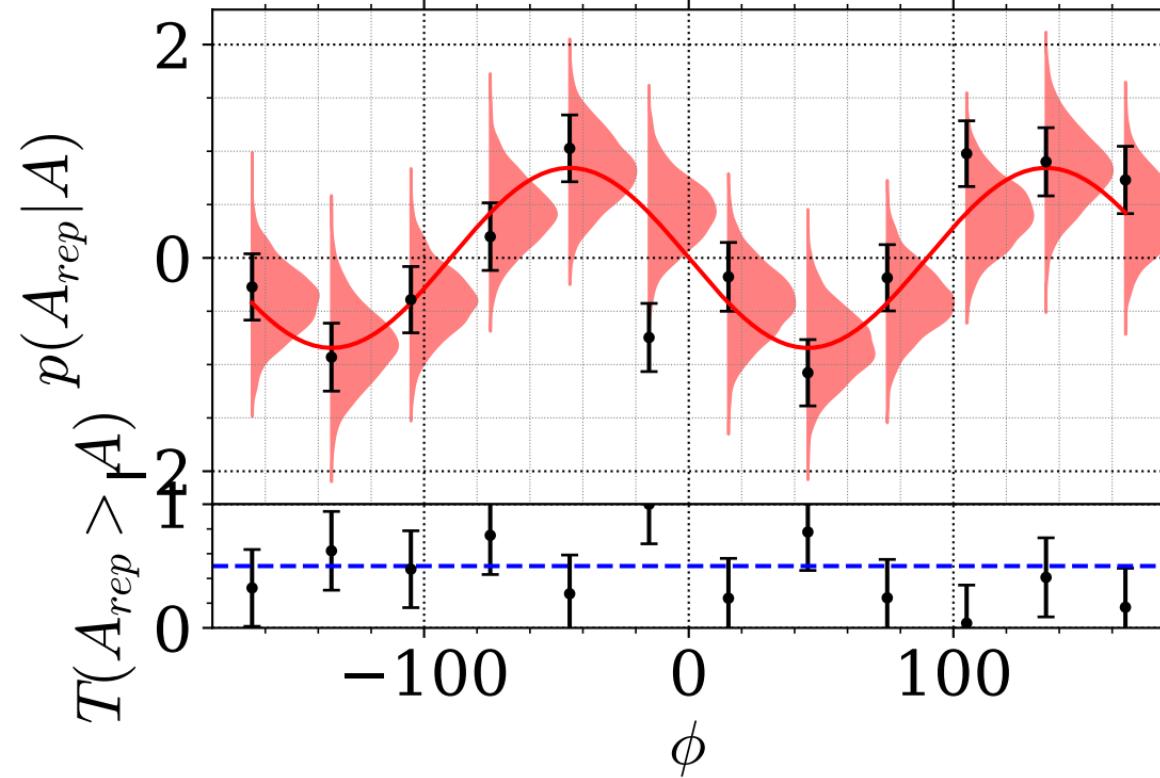


$1250 \leq E_\gamma < 1310, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$



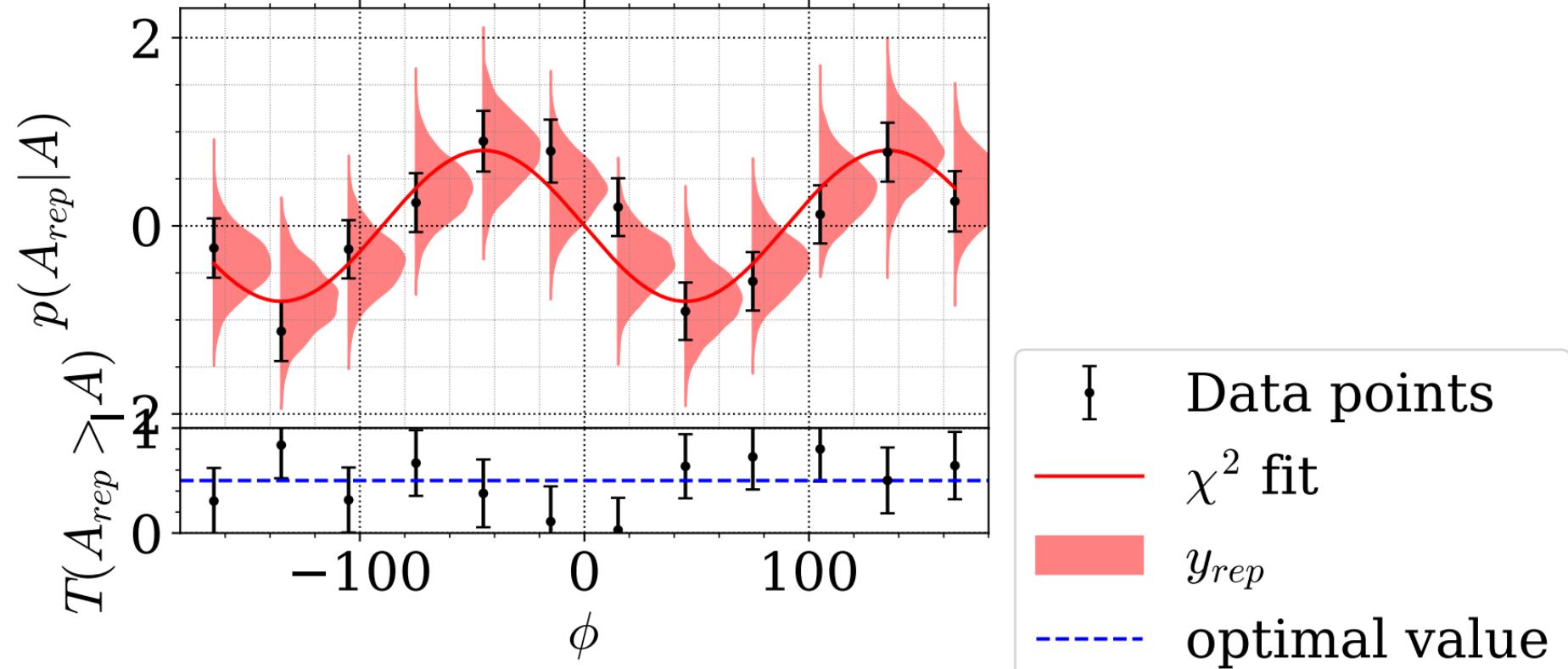
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1250 \leq E_\gamma < 1310, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$

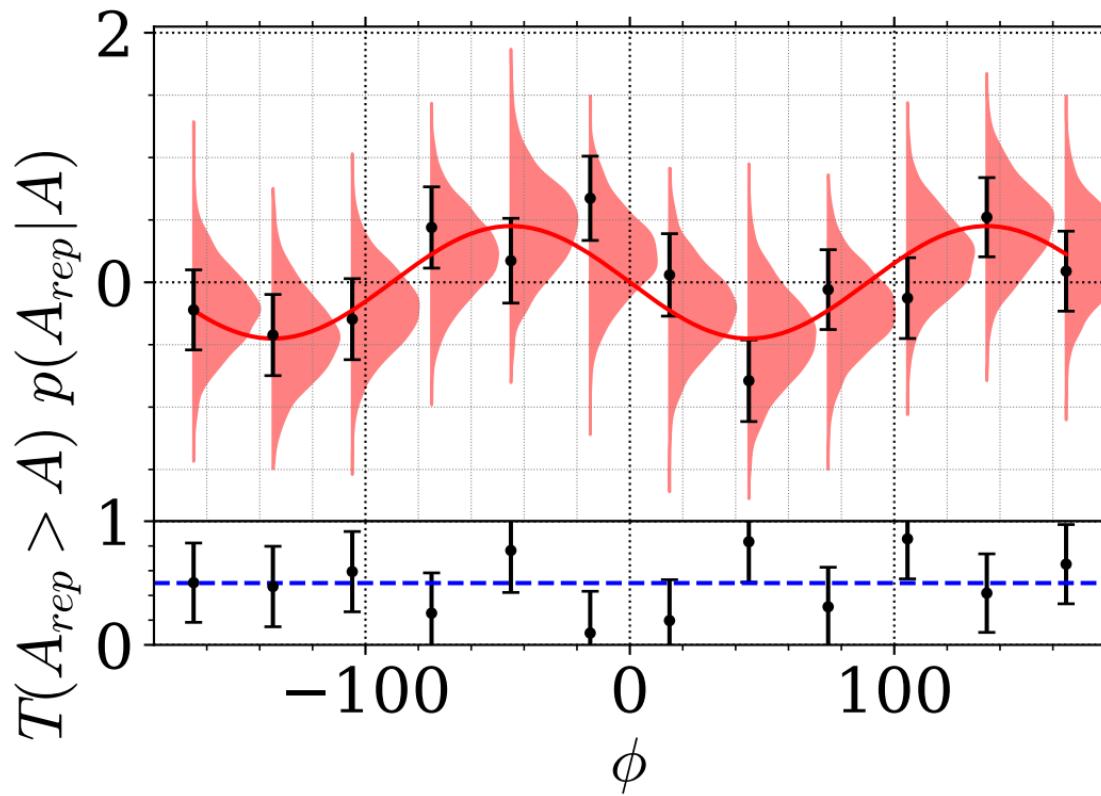


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1250 \leq E_\gamma < 1310, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$

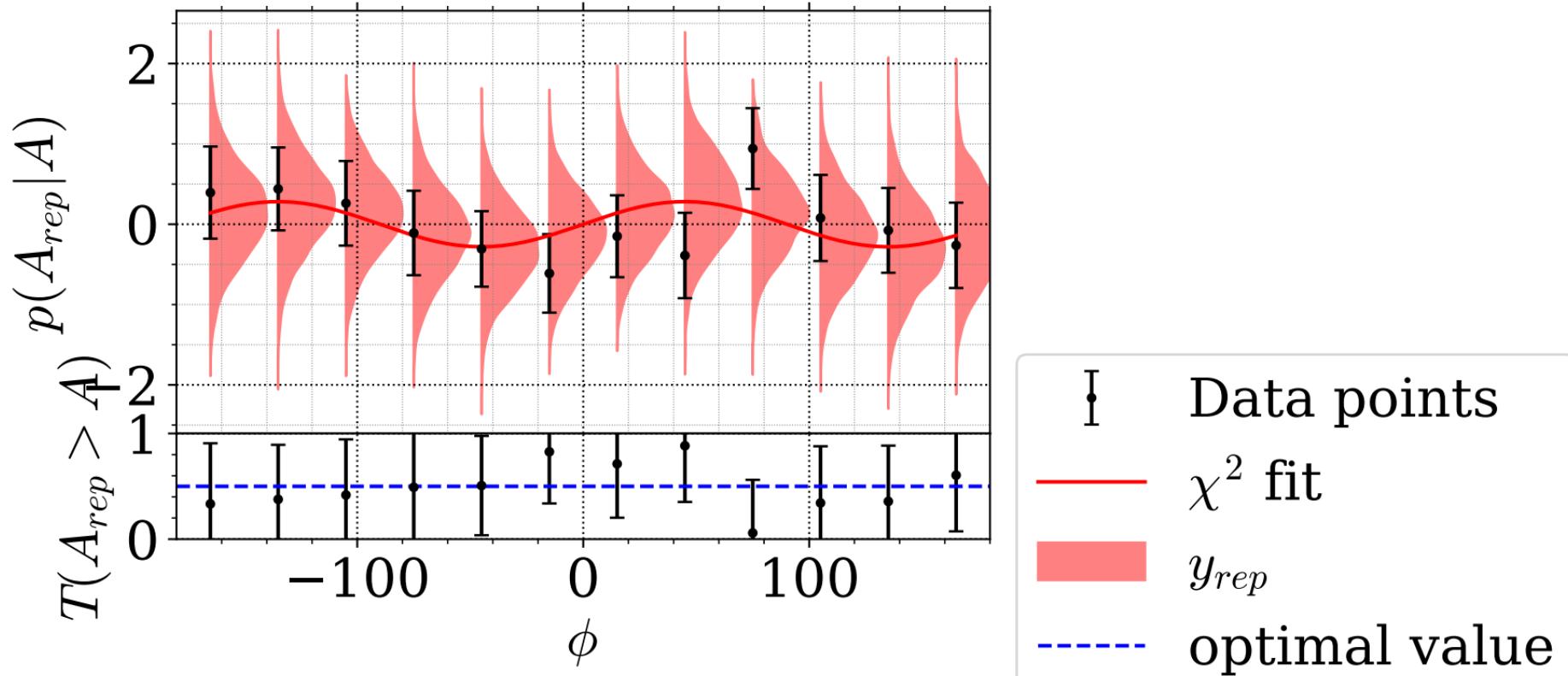


$1250 \leq E_\gamma < 1310, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$

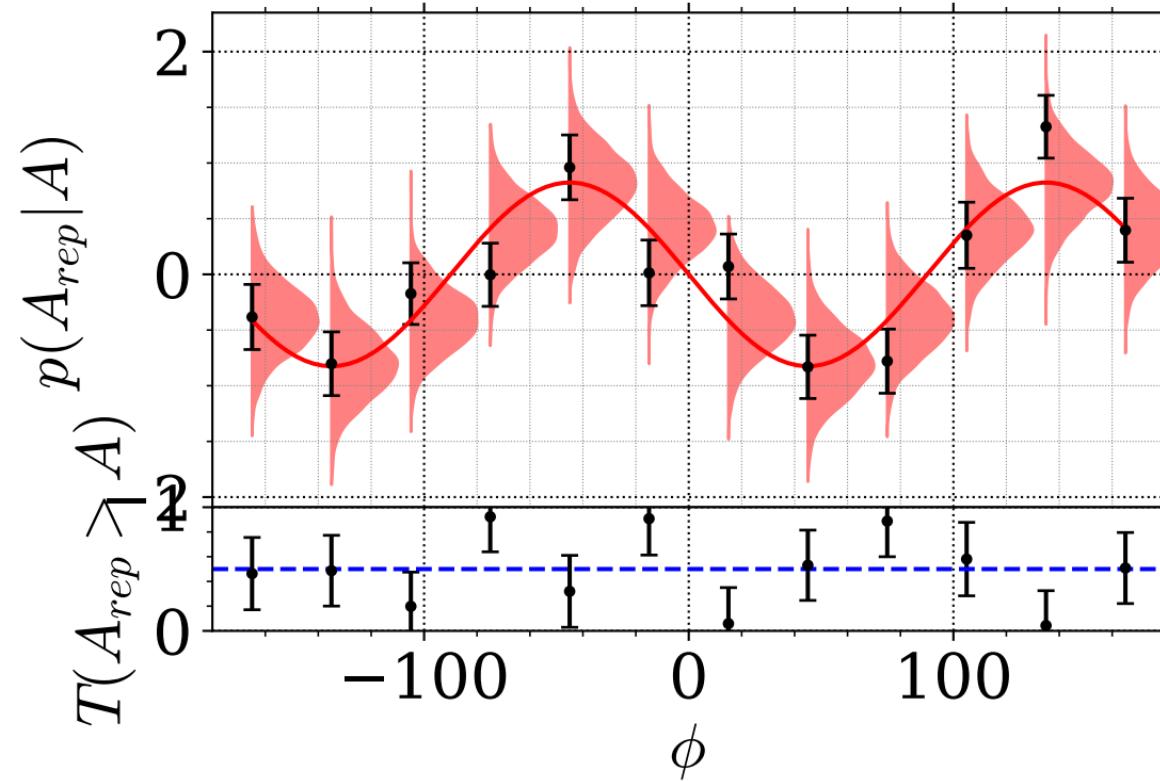


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1310 \leq E_\gamma < 1370, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$

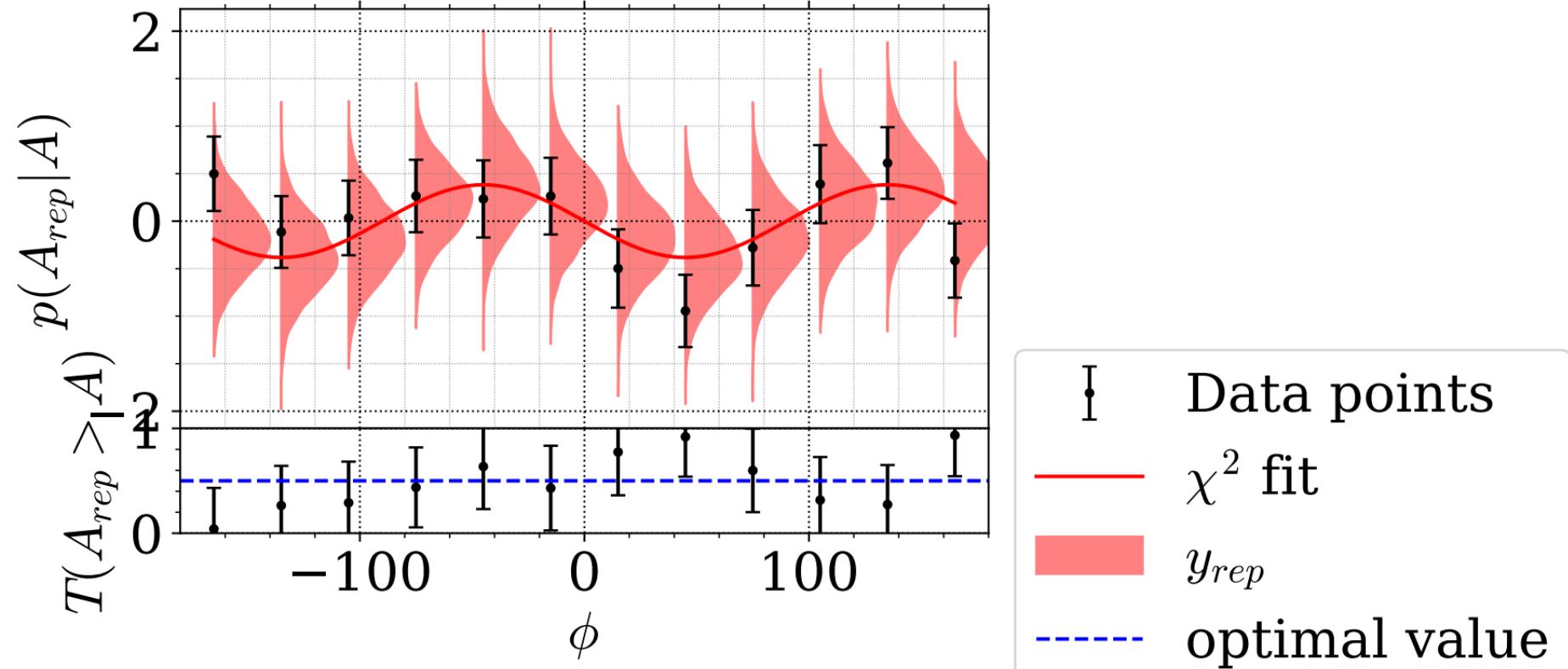


$1310 \leq E_\gamma < 1370, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$

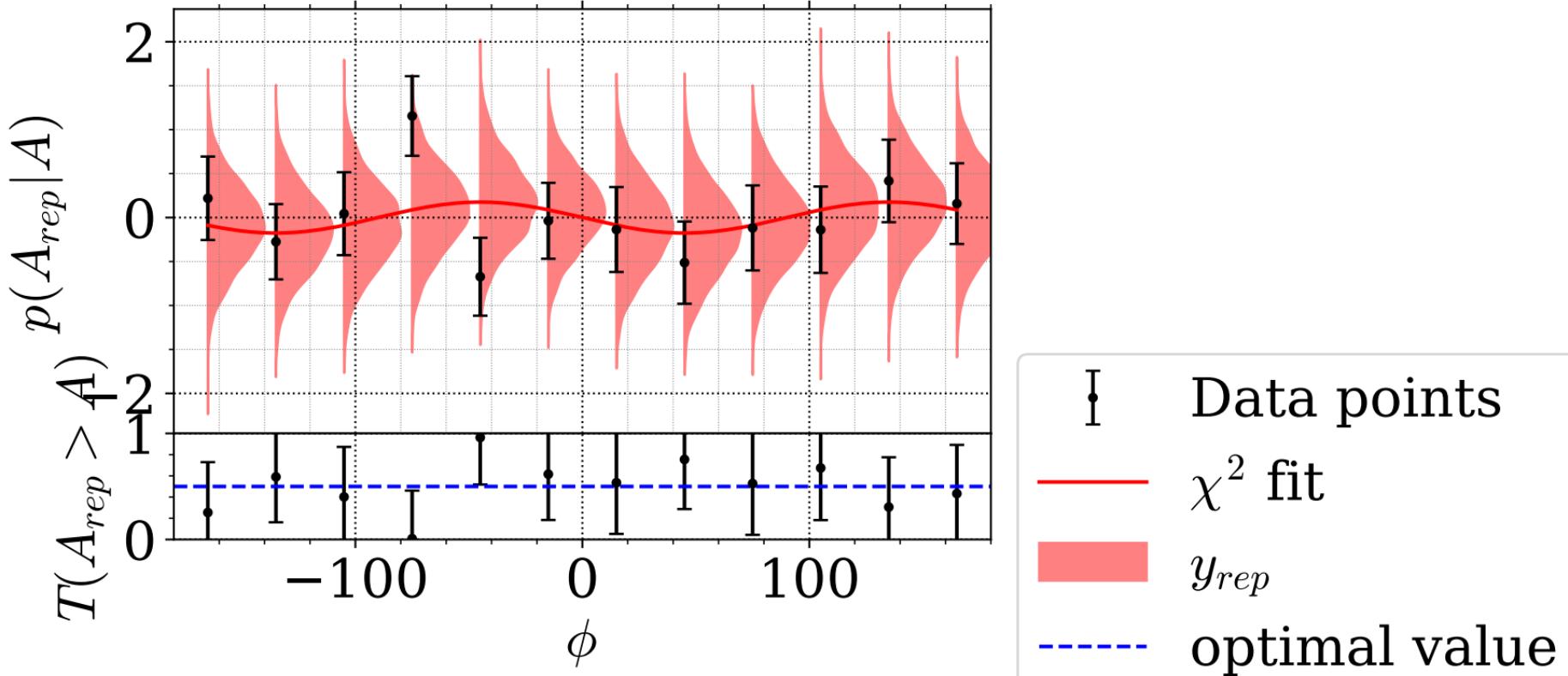


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

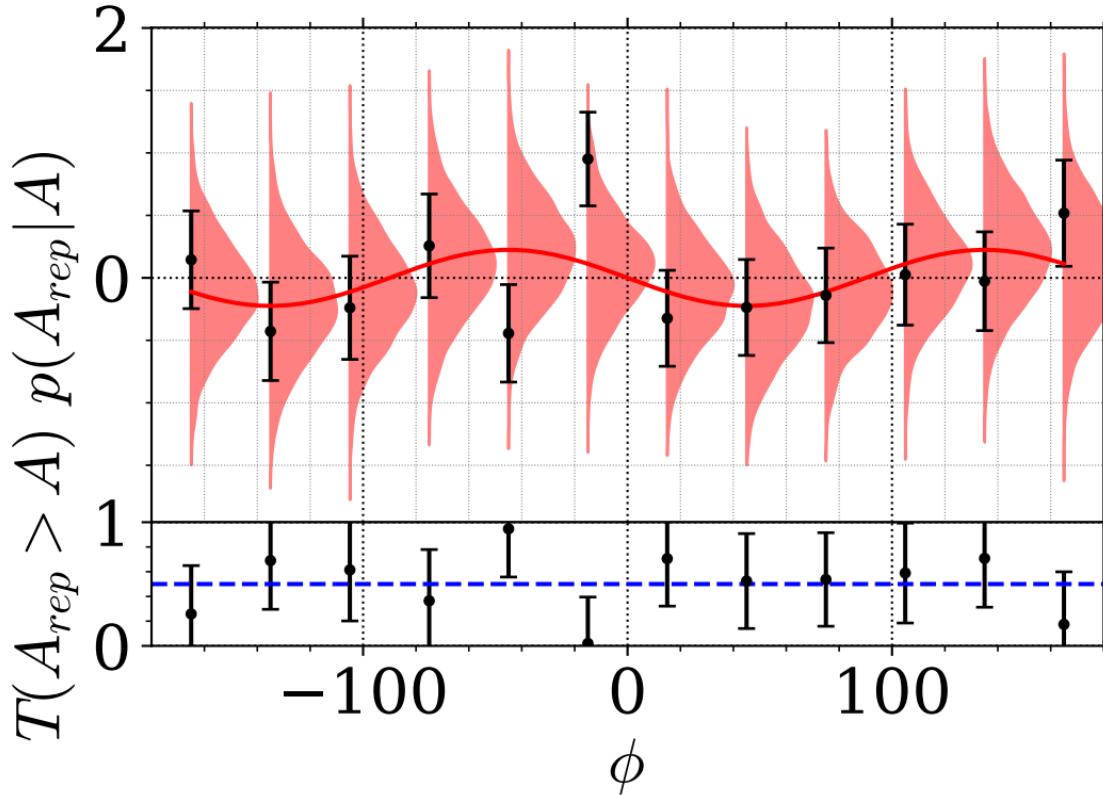
$1310 \leq E_\gamma < 1370, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$



$1310 \leq E_\gamma < 1370, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$

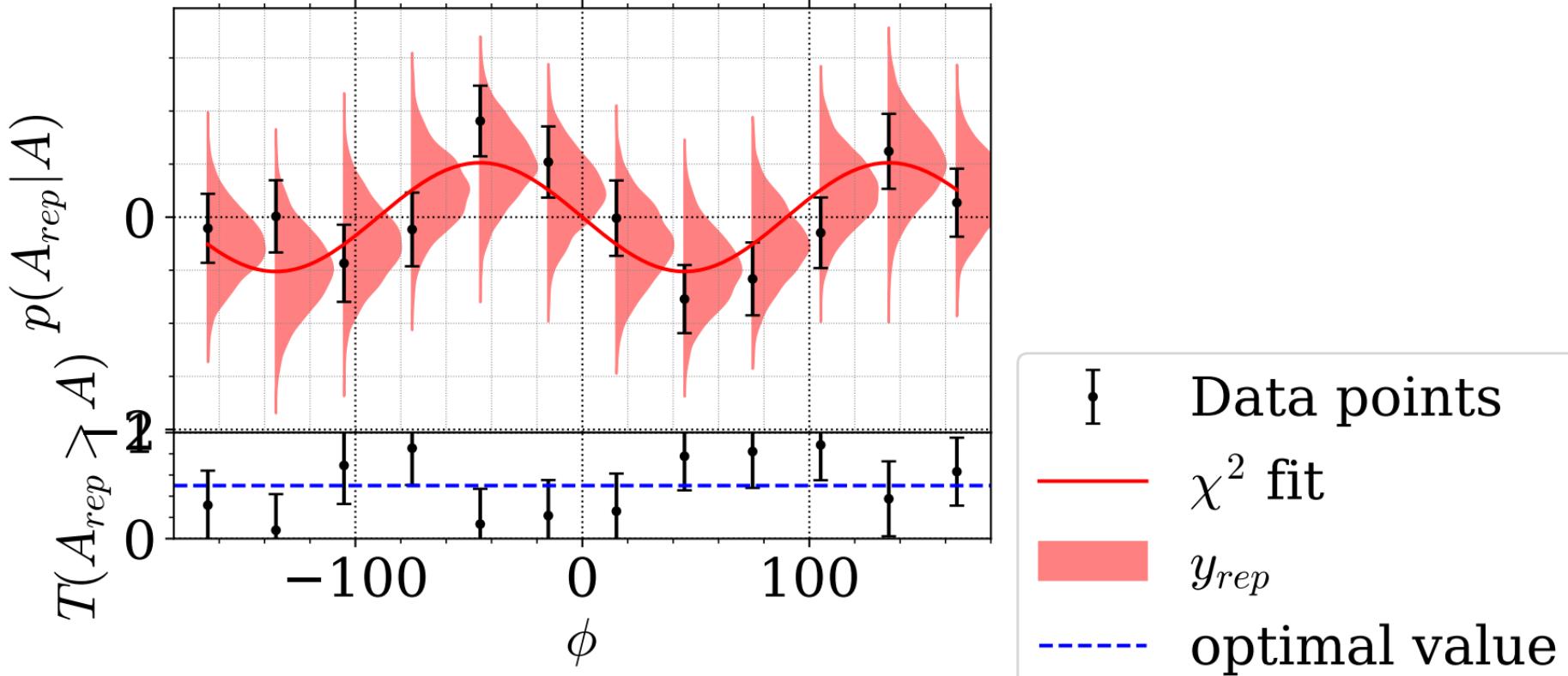


$1310 \leq E_\gamma < 1370, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$

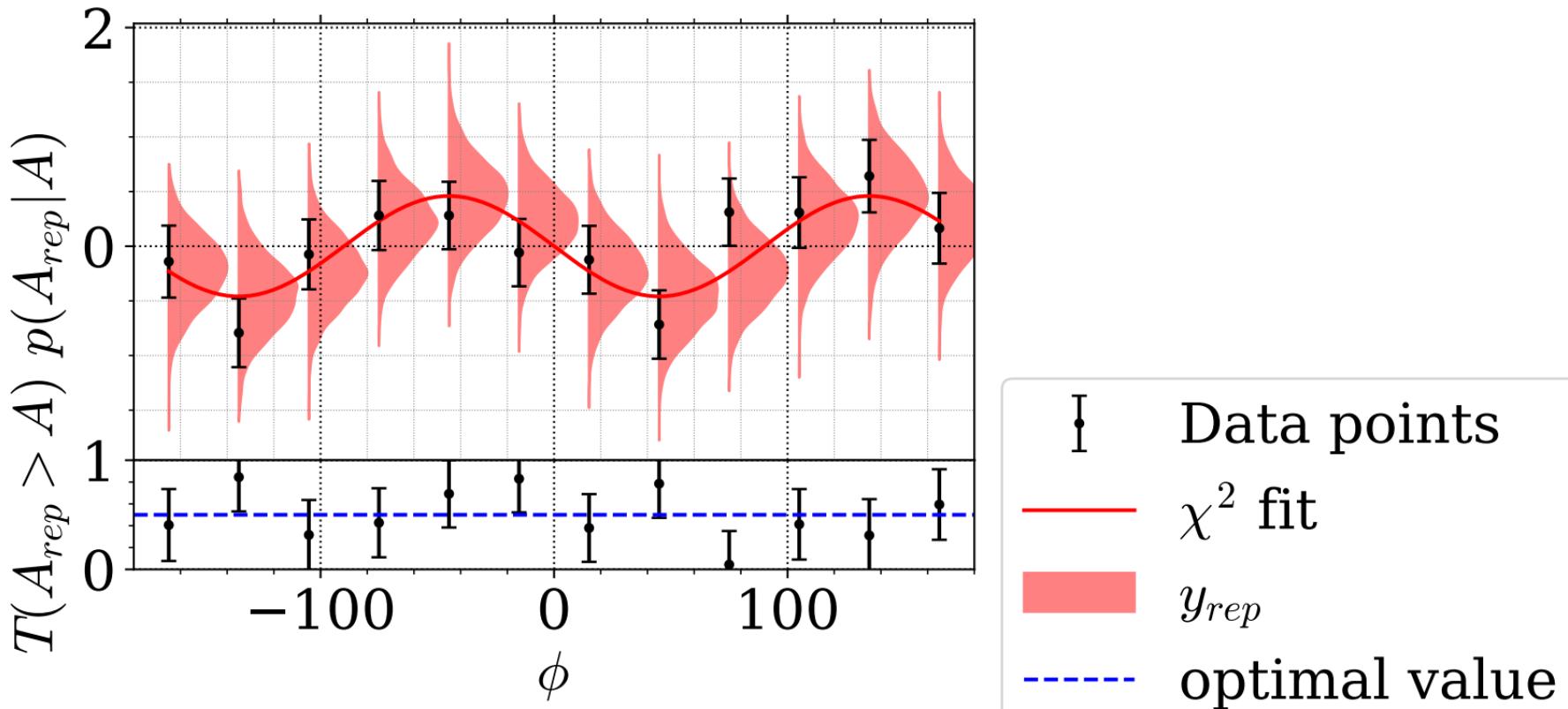


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

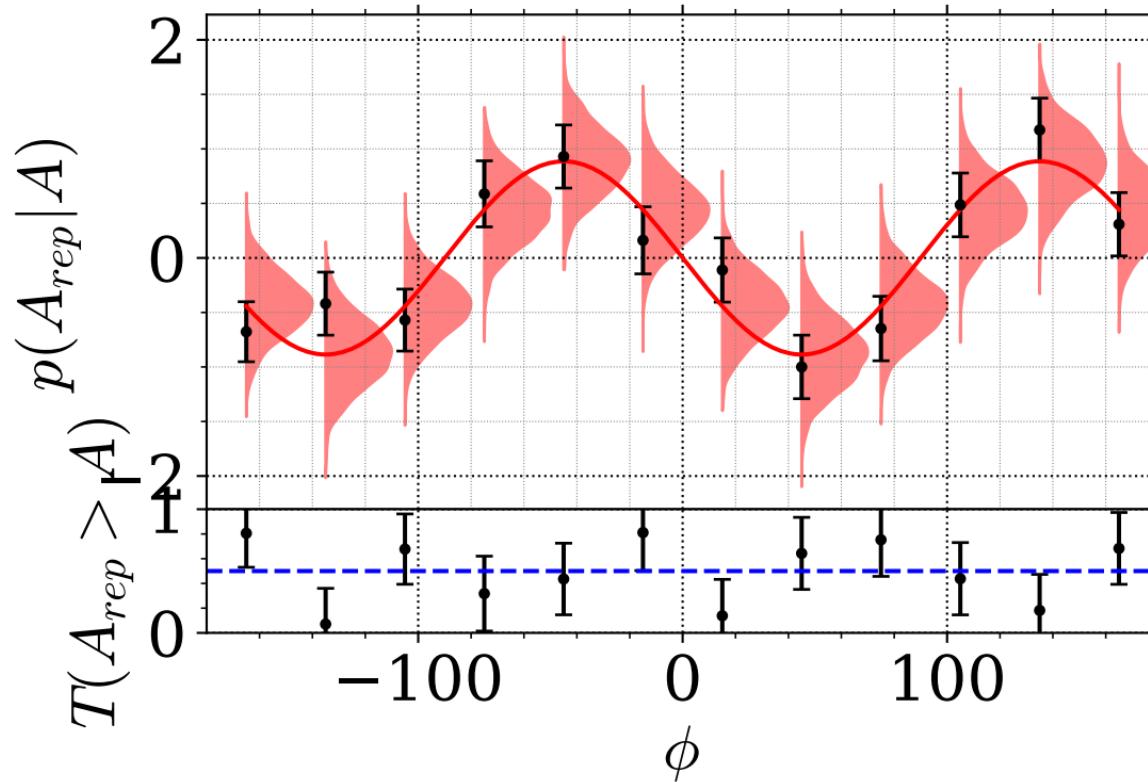
$1310 \leq E_\gamma < 1370, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$



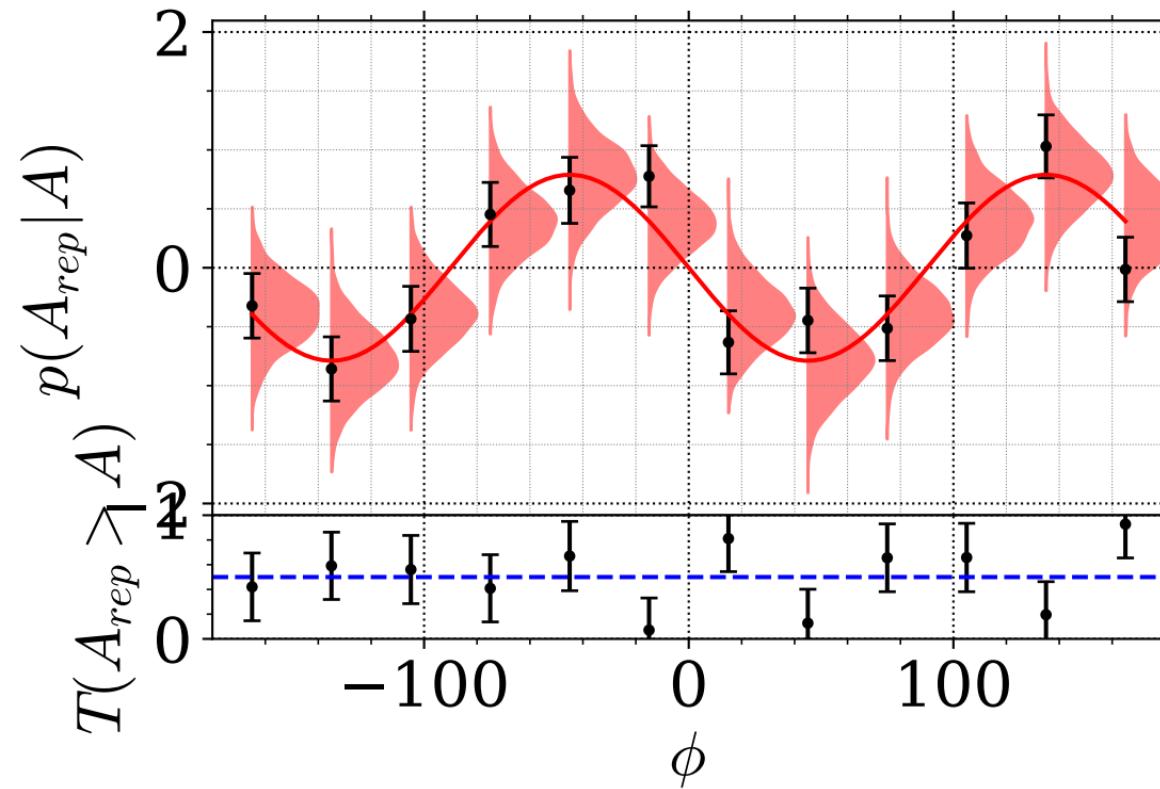
$1310 \leq E_\gamma < 1370, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$



$1310 \leq E_\gamma < 1370, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$

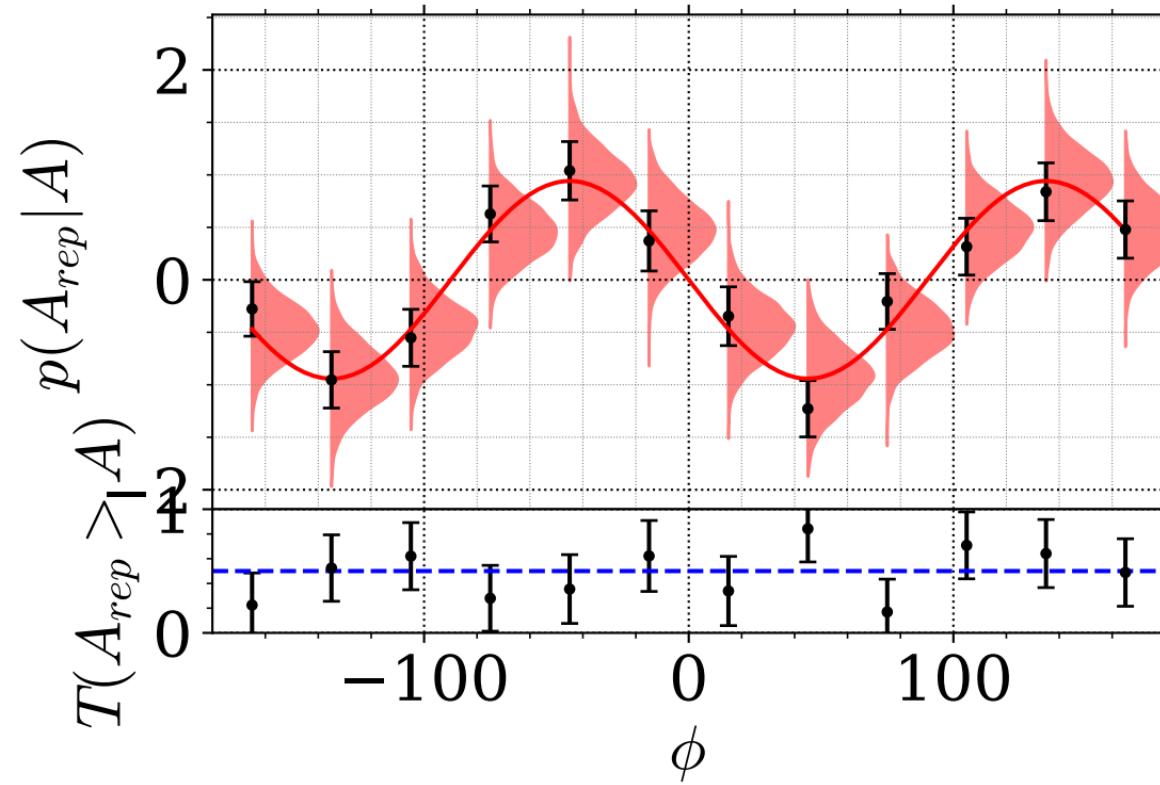


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

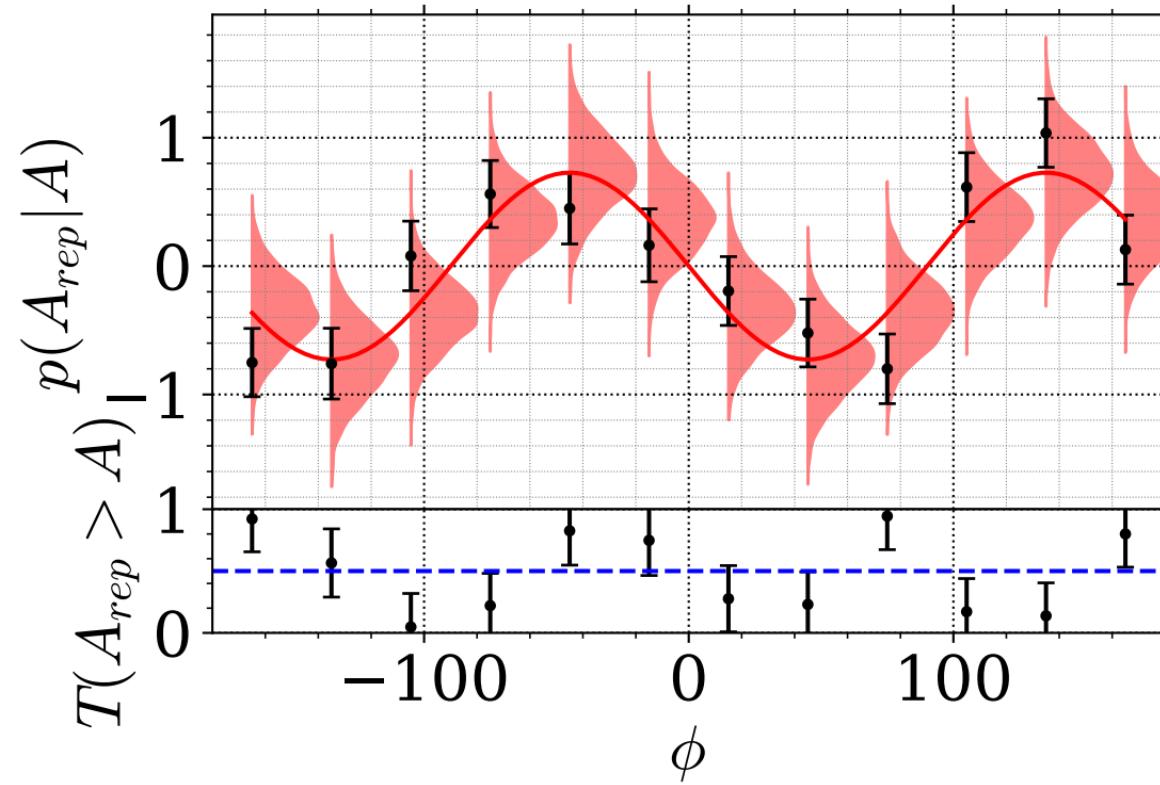
$$1310 \leq E_\gamma < 1370, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1310 \leq E_\gamma < 1370, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$

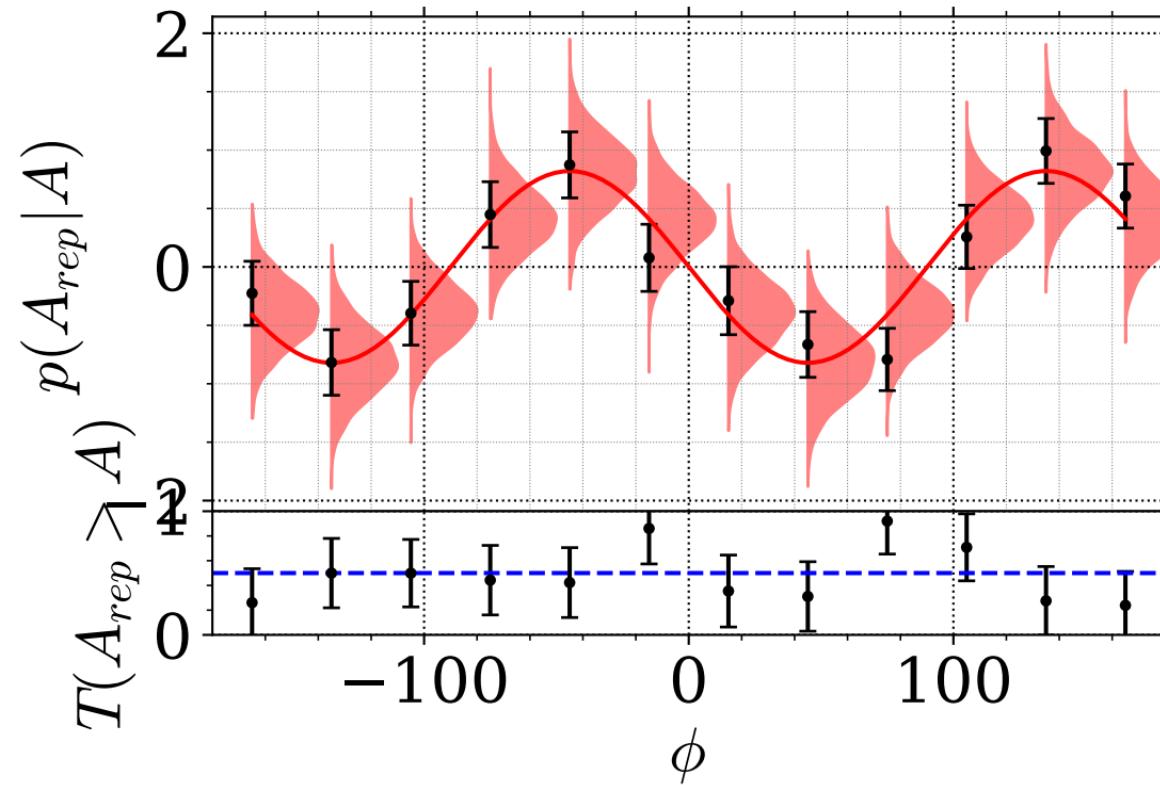


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1310 \leq E_\gamma < 1370, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$$


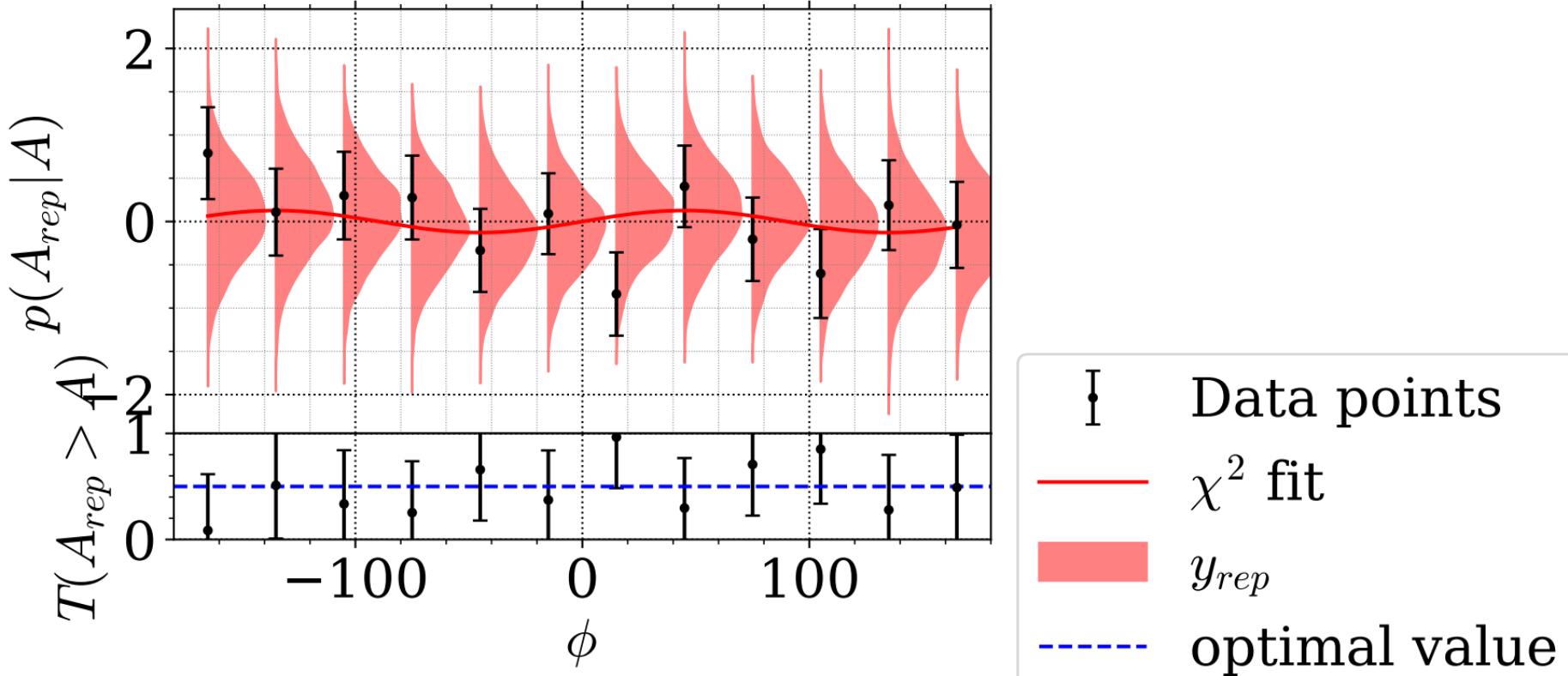
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1310 \leq E_\gamma < 1370, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$

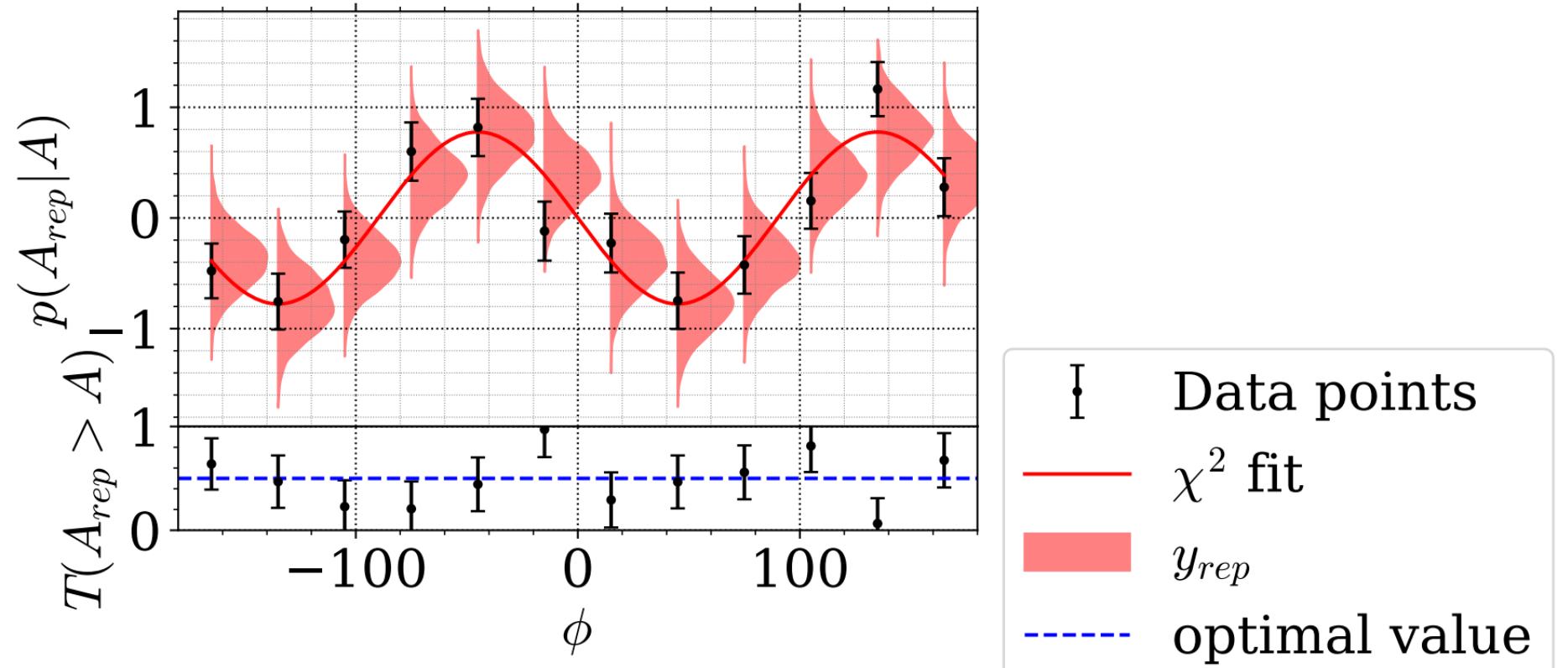


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

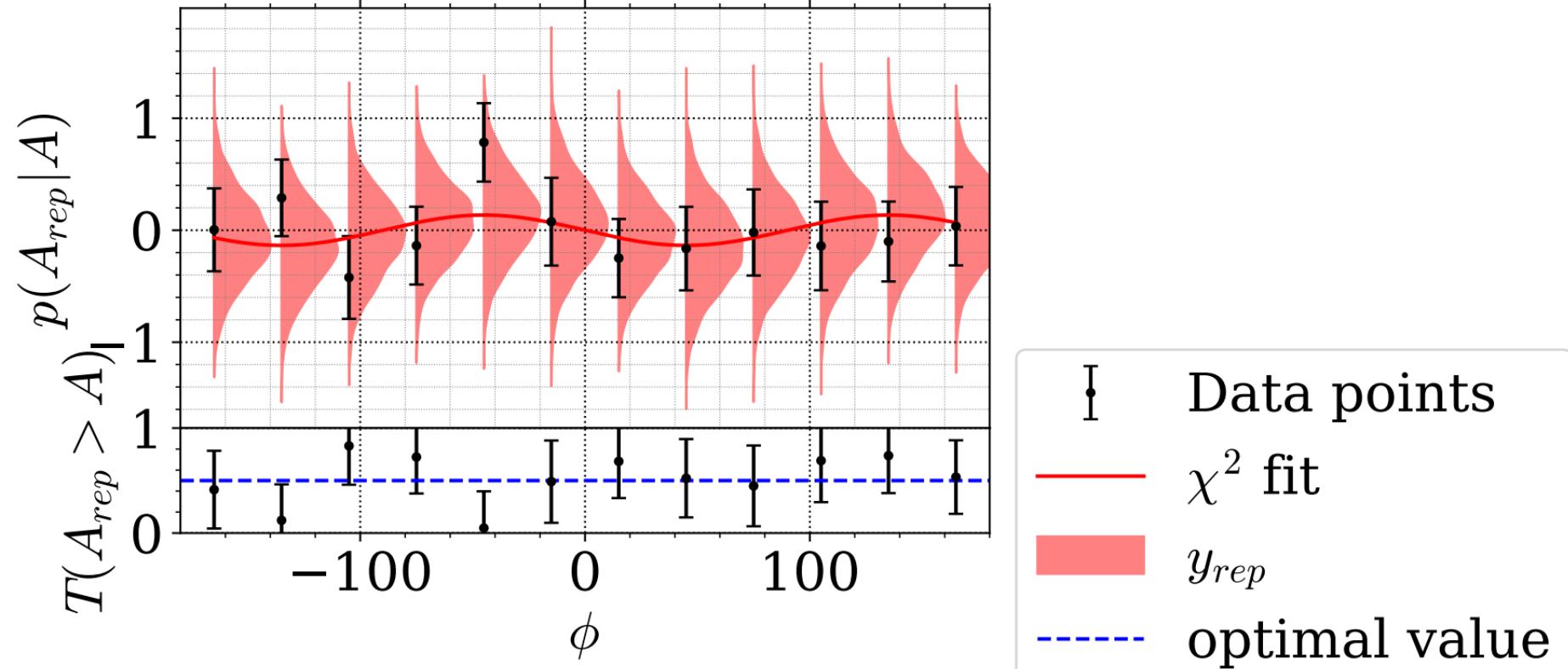
$1370 \leq E_\gamma < 1430, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$

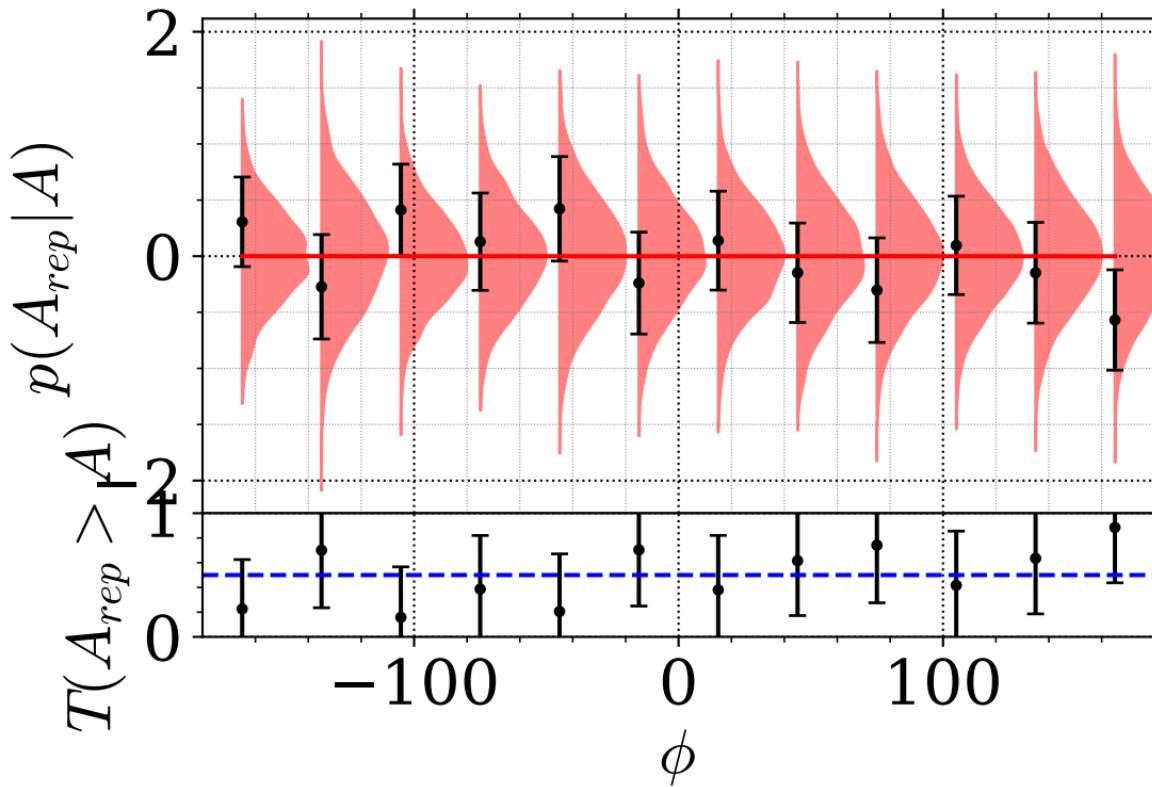


$1370 \leq E_\gamma < 1430, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$



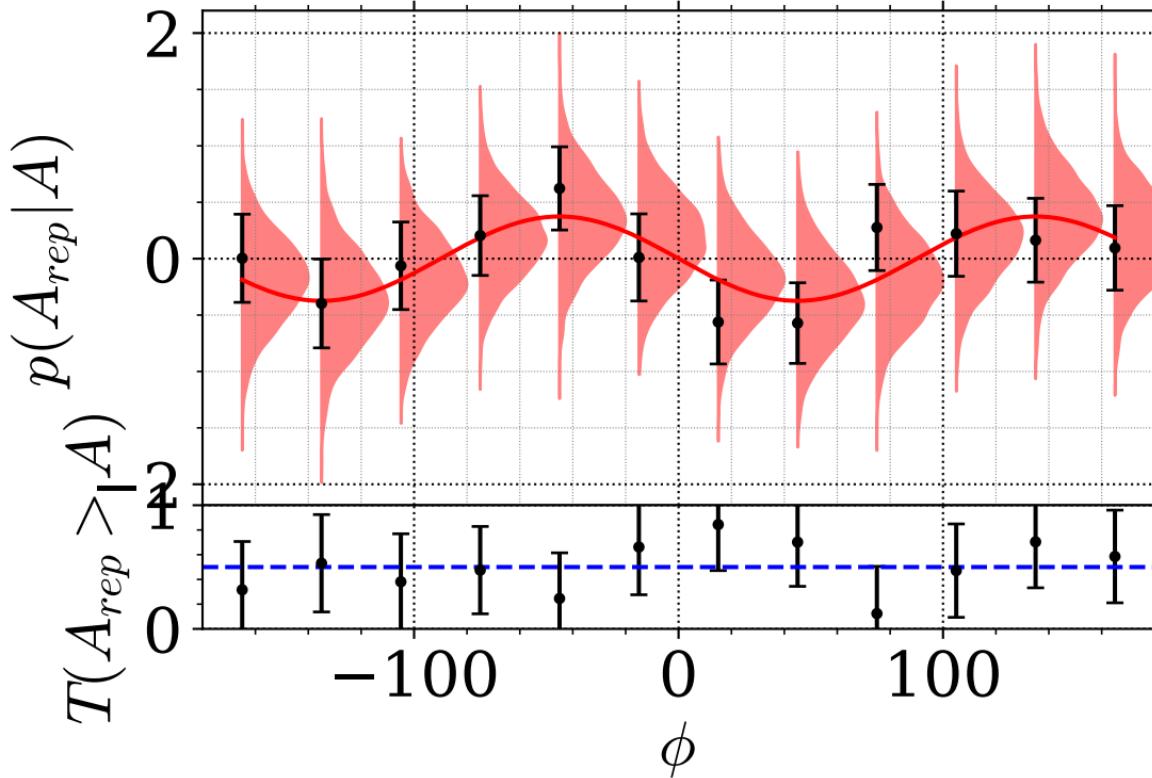
$1370 \leq E_\gamma < 1430, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$



$$1370 \leq E_\gamma < 1430, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$$


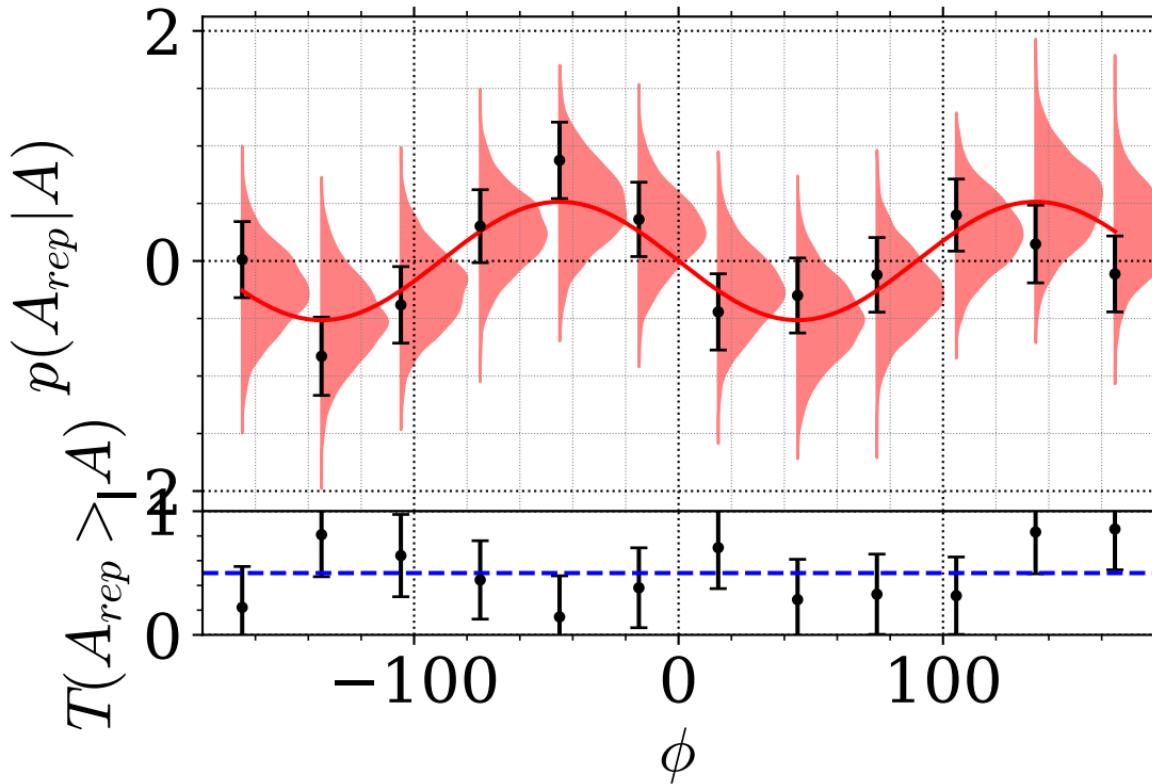
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1370 \leq E_\gamma < 1430, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$



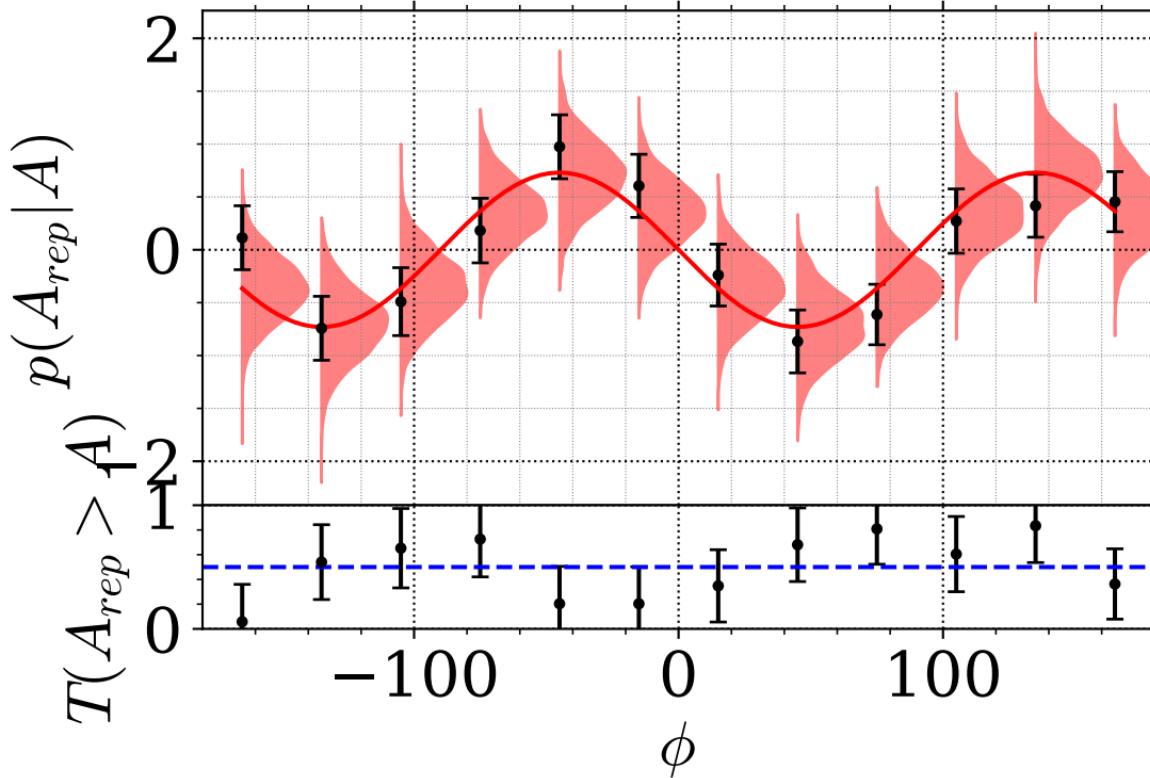
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1370 \leq E_\gamma < 1430, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$



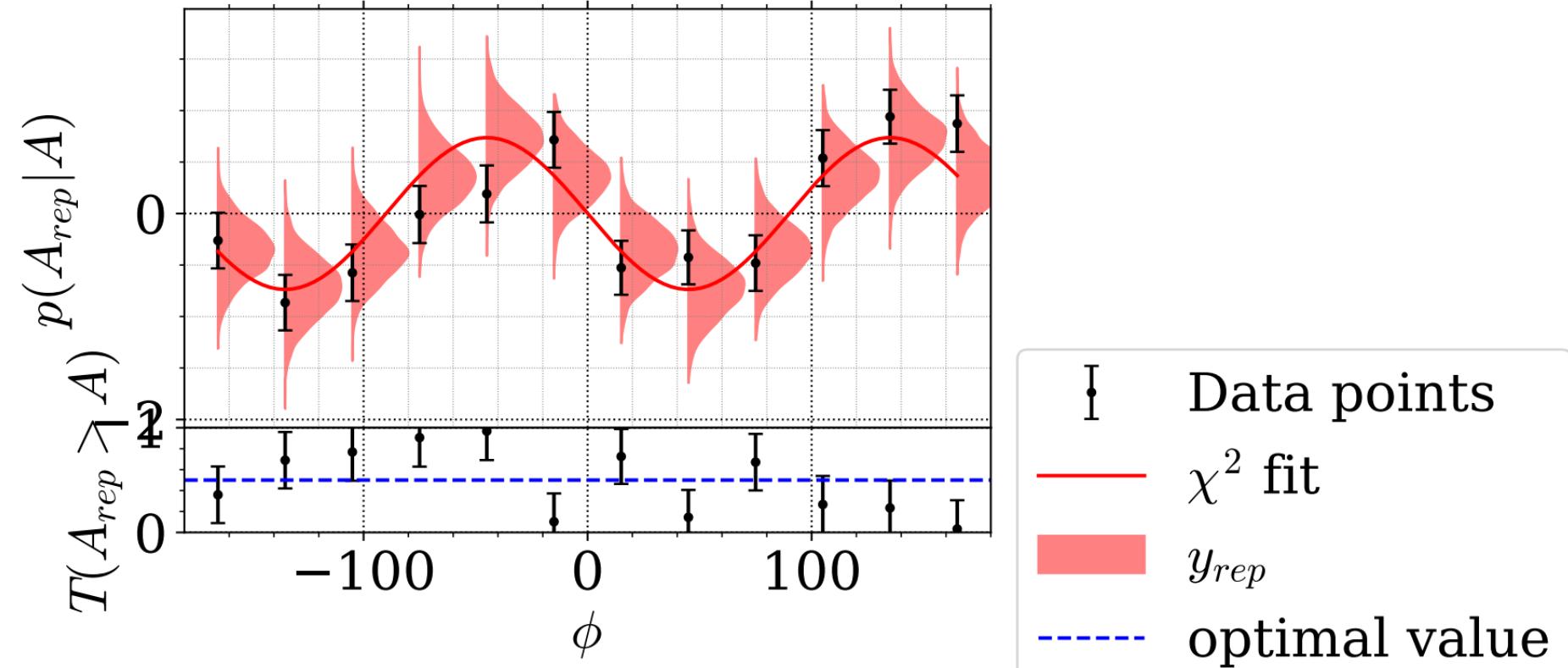
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1370 \leq E_\gamma < 1430, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$

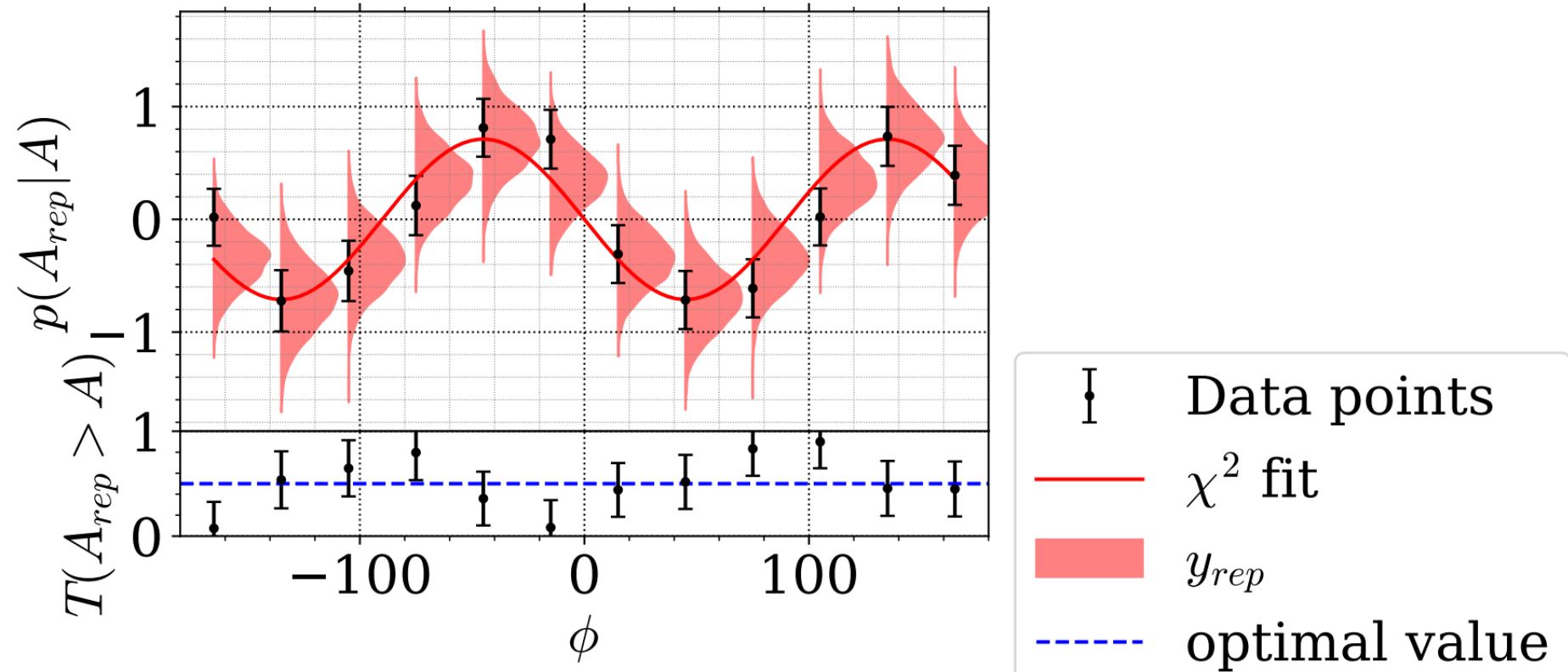


- Data points
- χ^2 fit
- y_{rep}
- optimal value

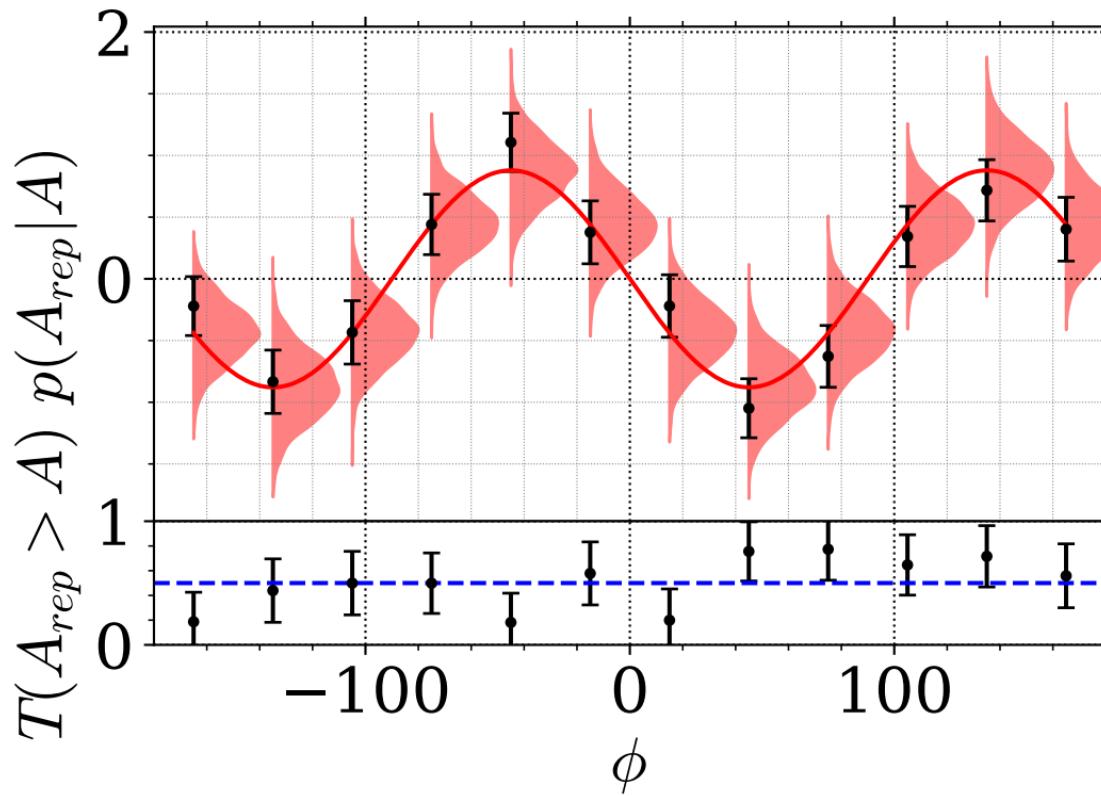
$1370 \leq E_\gamma < 1430, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$



$1370 \leq E_\gamma < 1430, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$

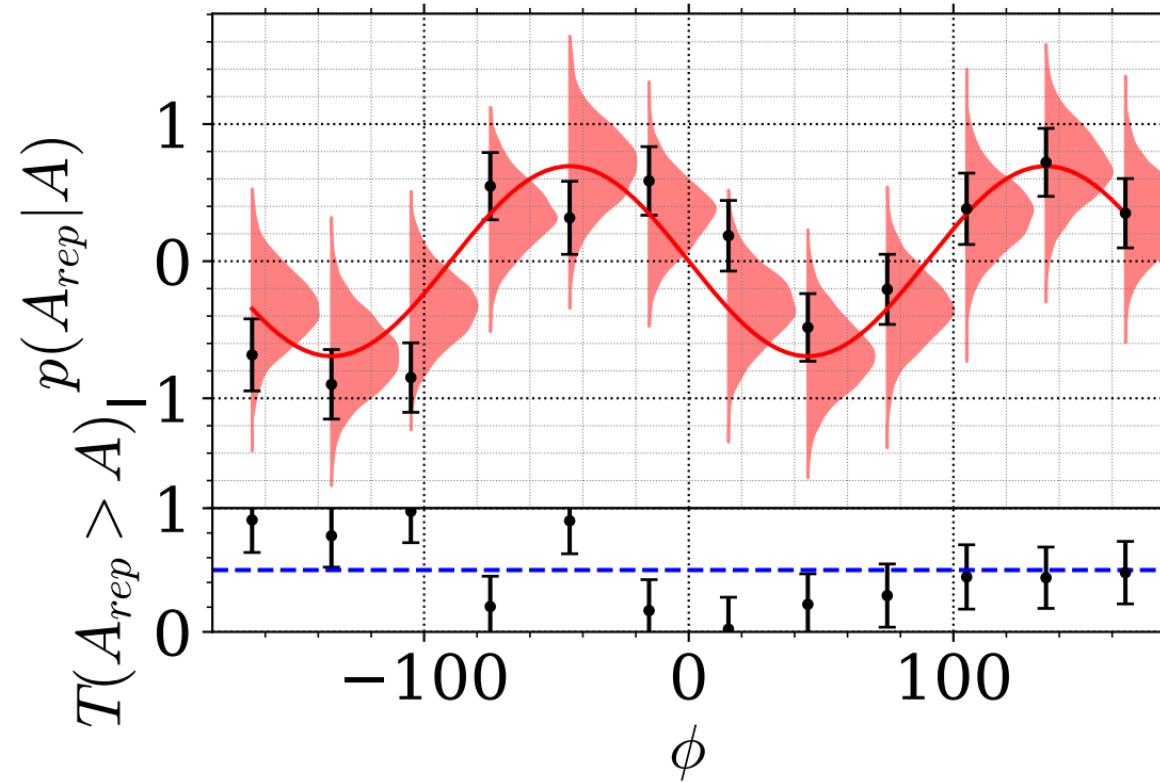


$1370 \leq E_\gamma < 1430, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$



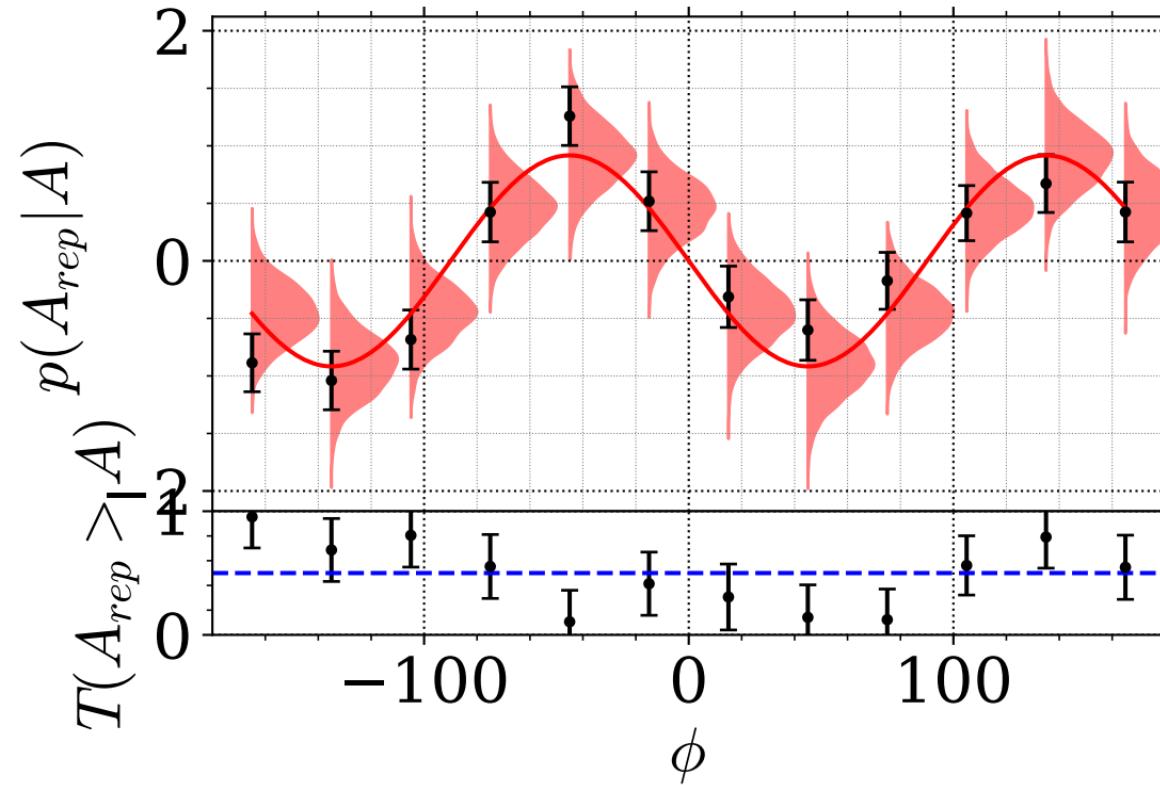
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1370 \leq E_\gamma < 1430, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$



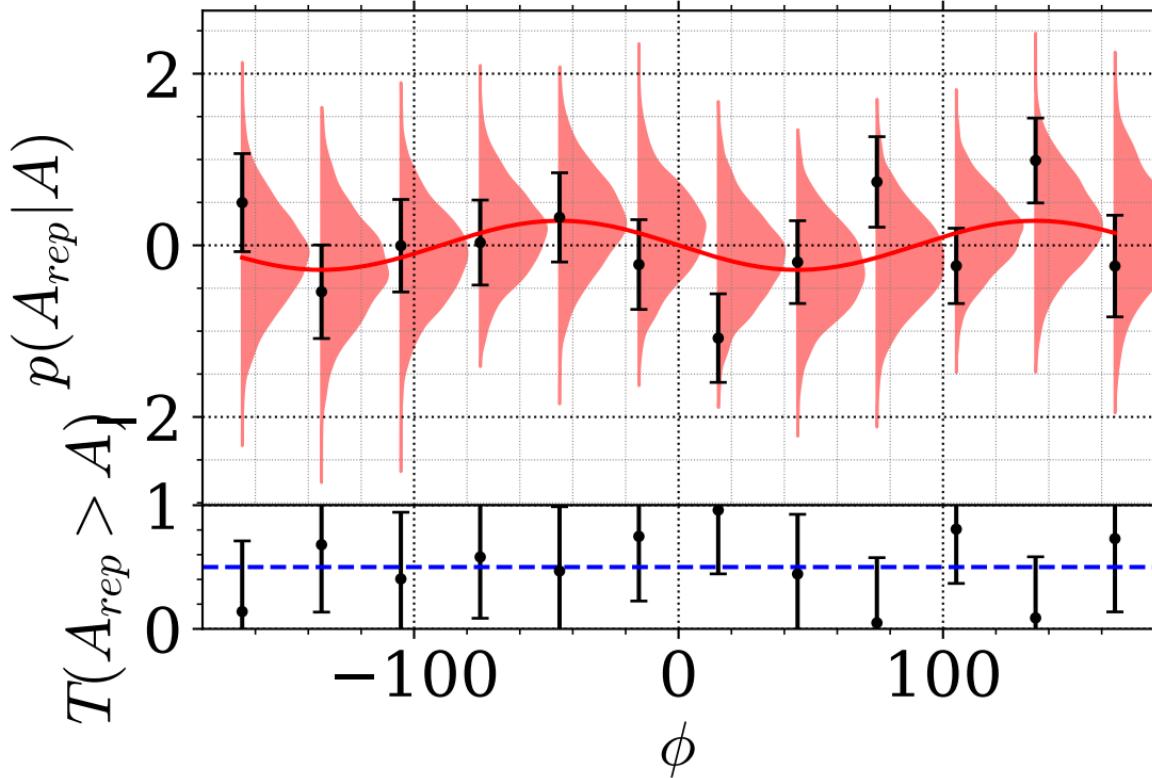
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1370 \leq E_\gamma < 1430, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$



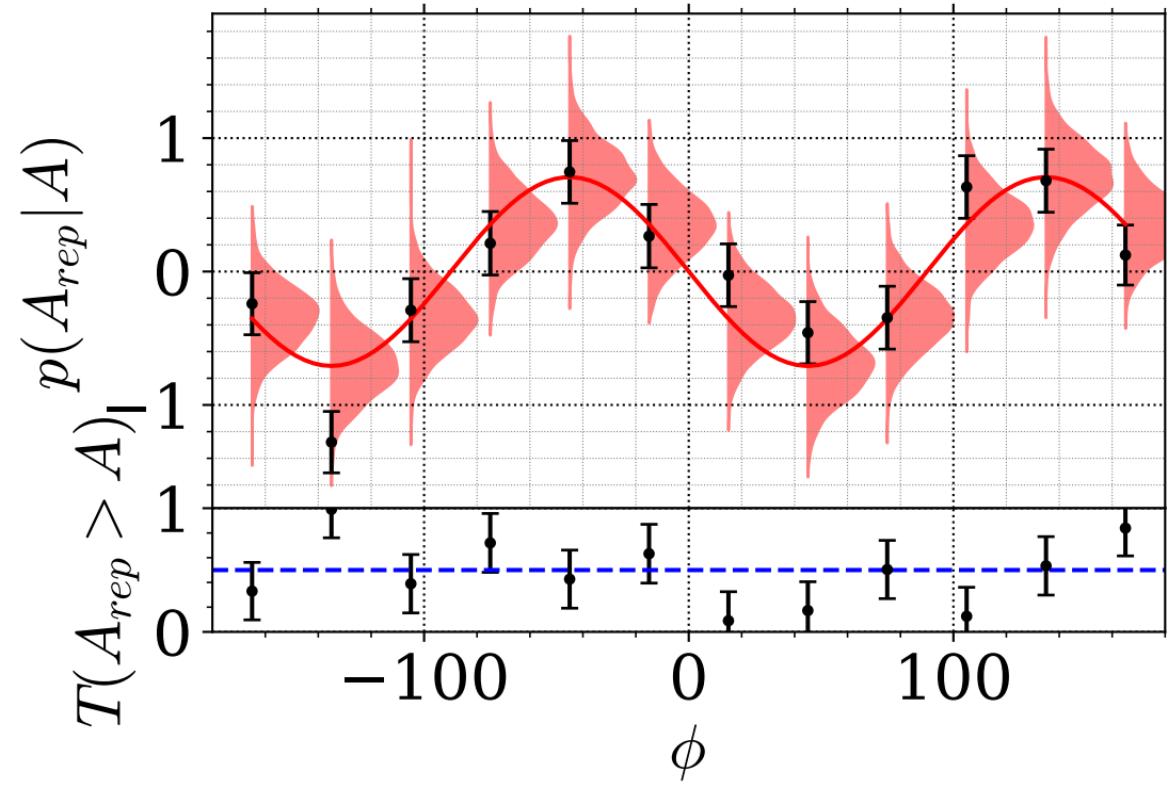
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1430 \leq E_\gamma < 1490, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$



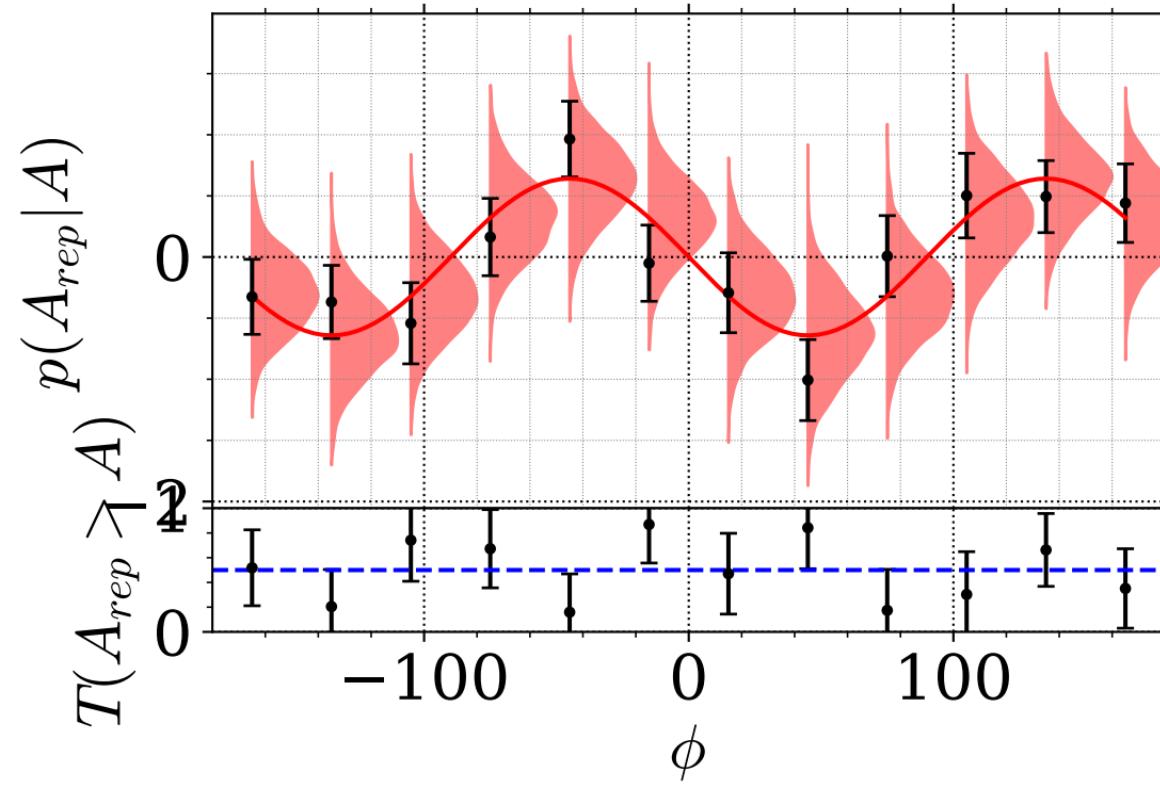
- \pm Data points
- χ^2 fit
- y_{rep}
- - - optimal value

$1430 \leq E_\gamma < 1490, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$



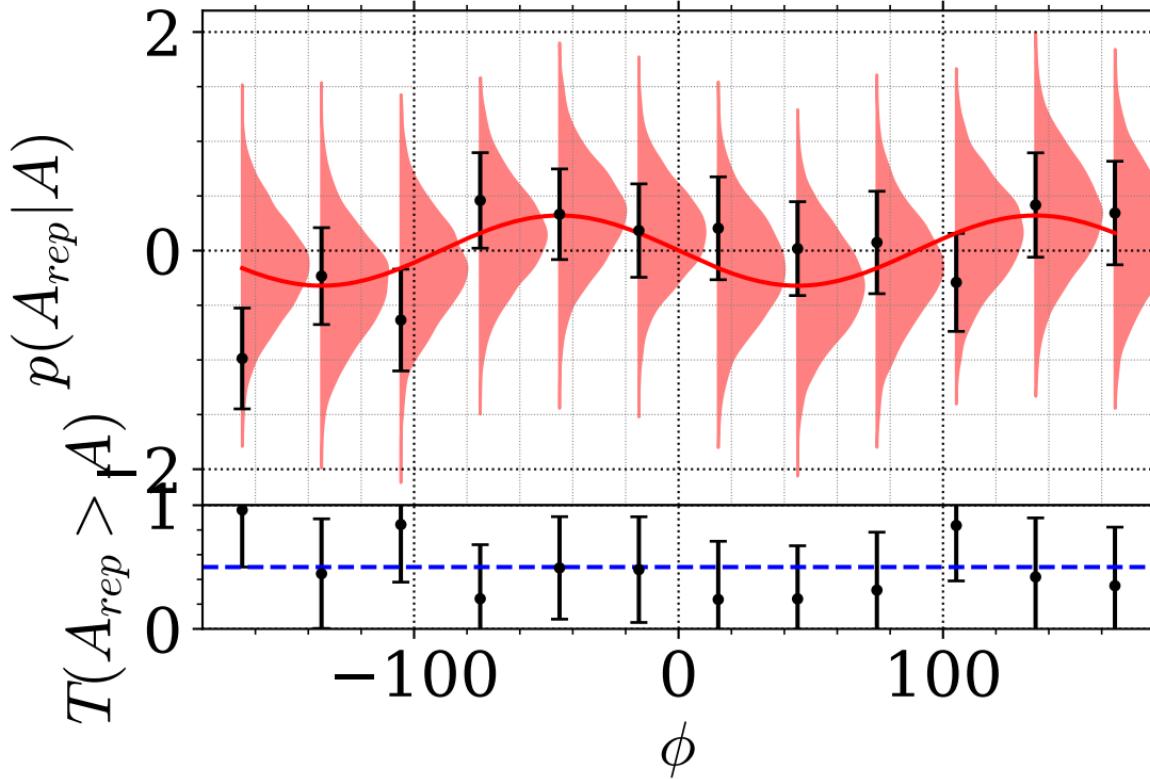
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1430 \leq E_\gamma < 1490, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$



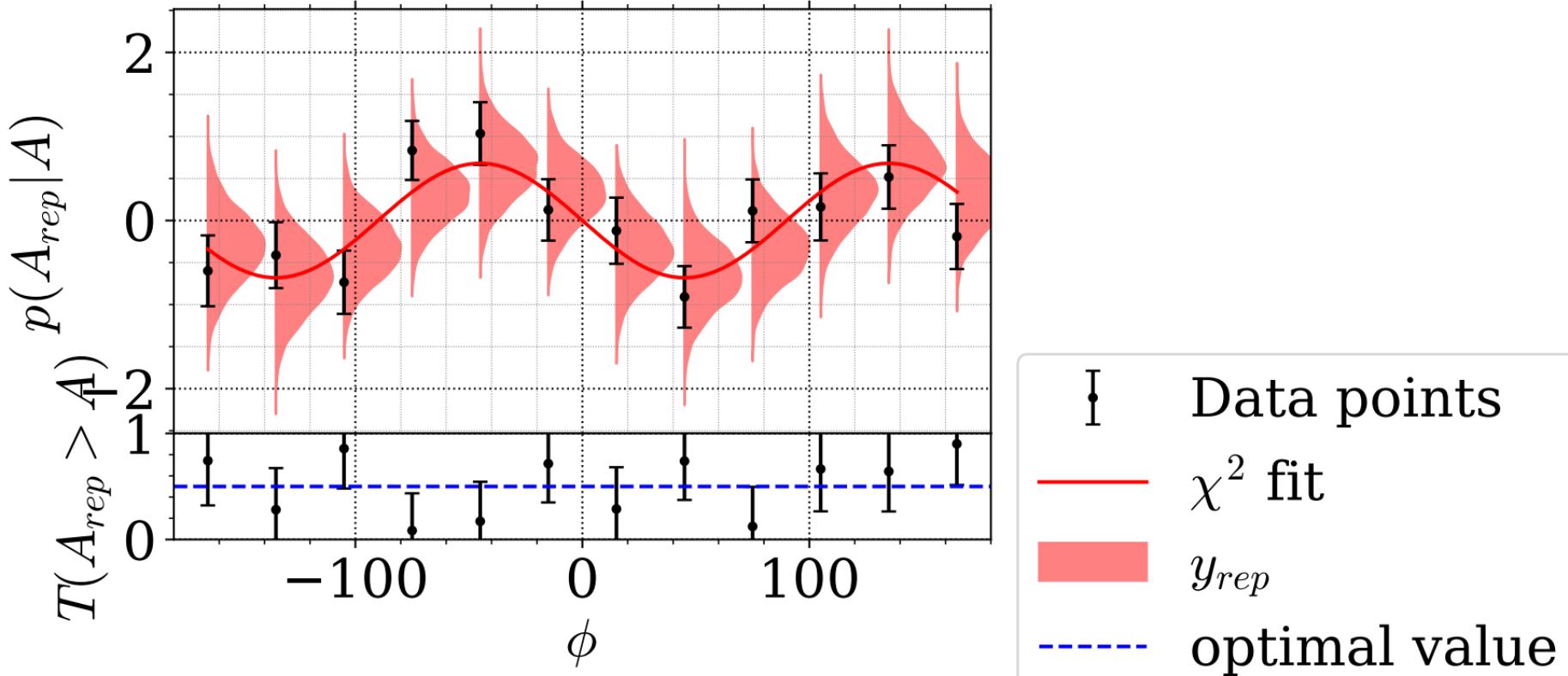
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1430 \leq E_\gamma < 1490, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$

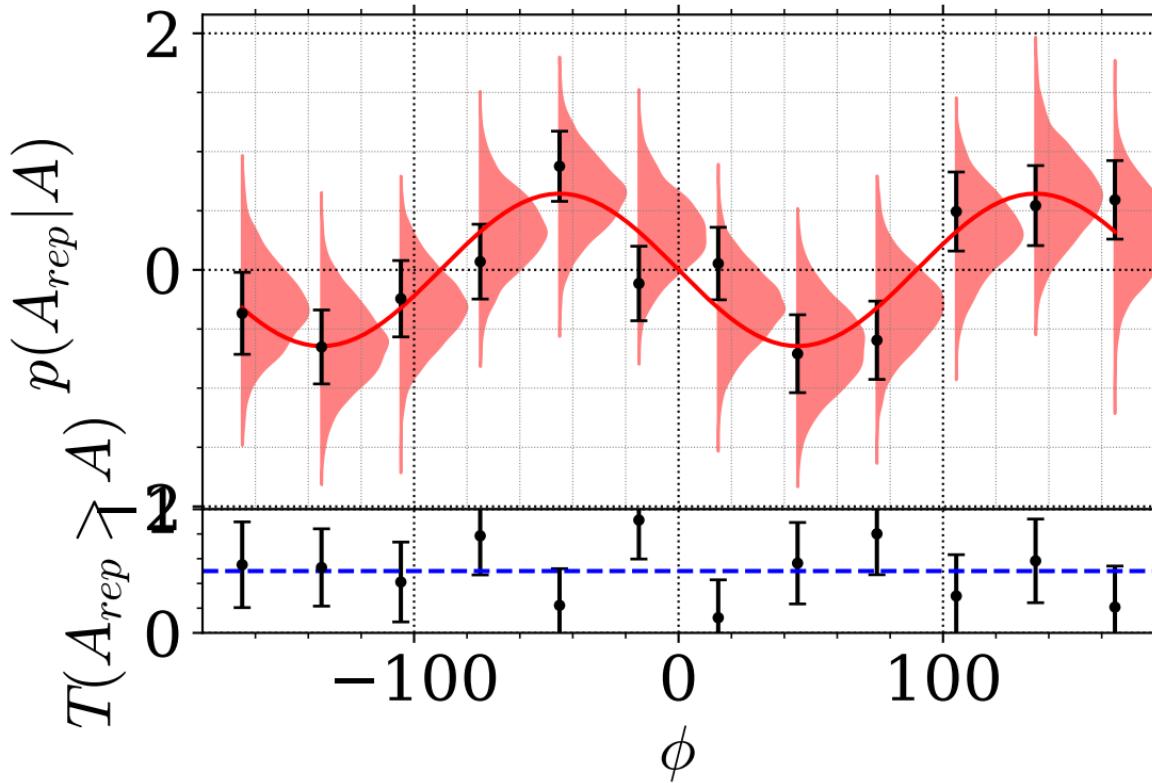


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1430 \leq E_\gamma < 1490, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$

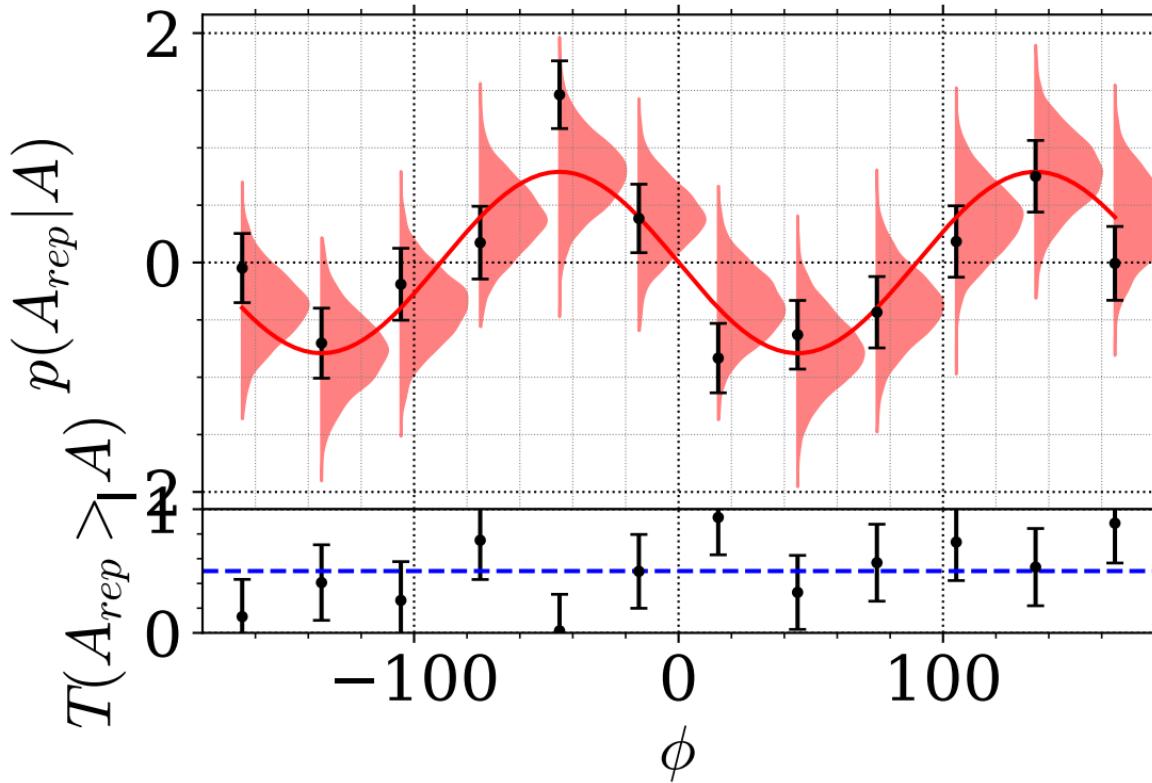


$1430 \leq E_\gamma < 1490, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$



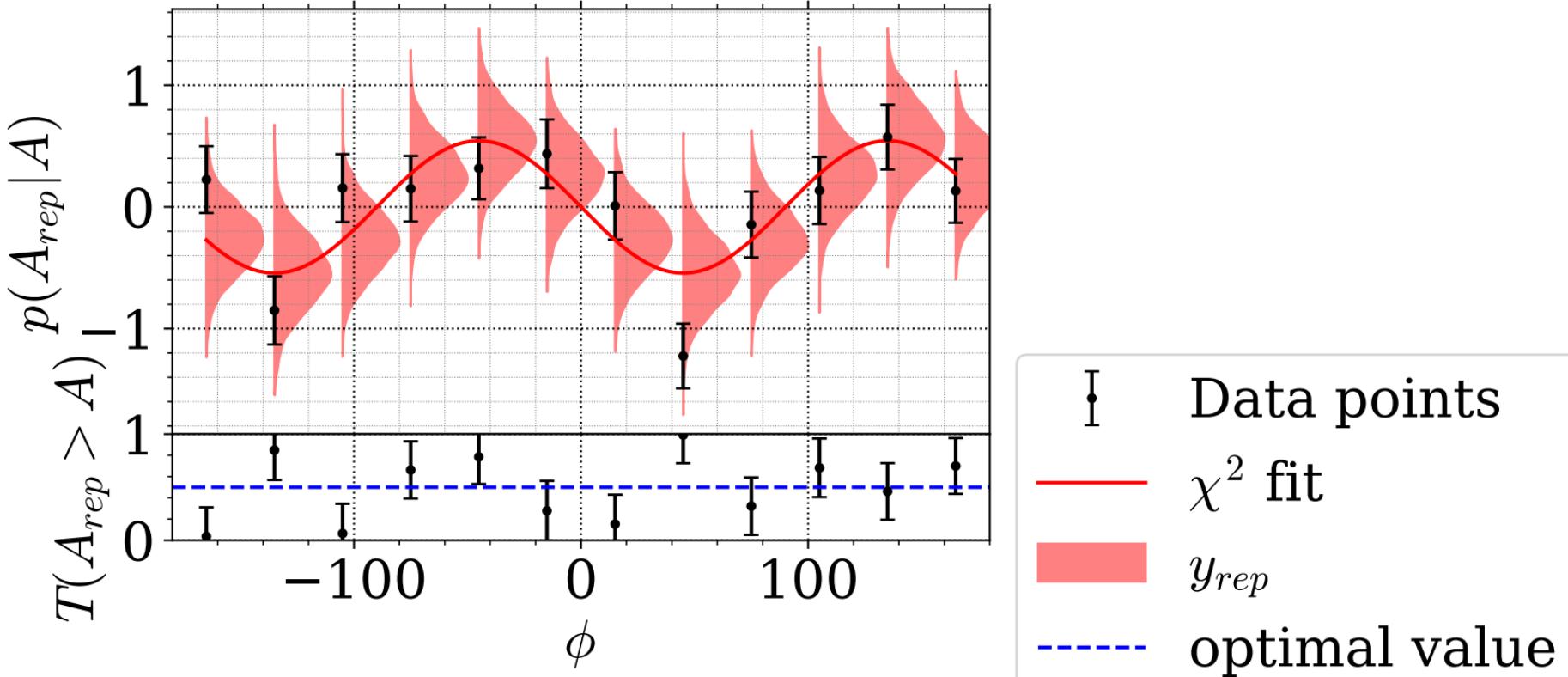
- Data points
- χ^2 fit
- y_{rep}
- optimal value

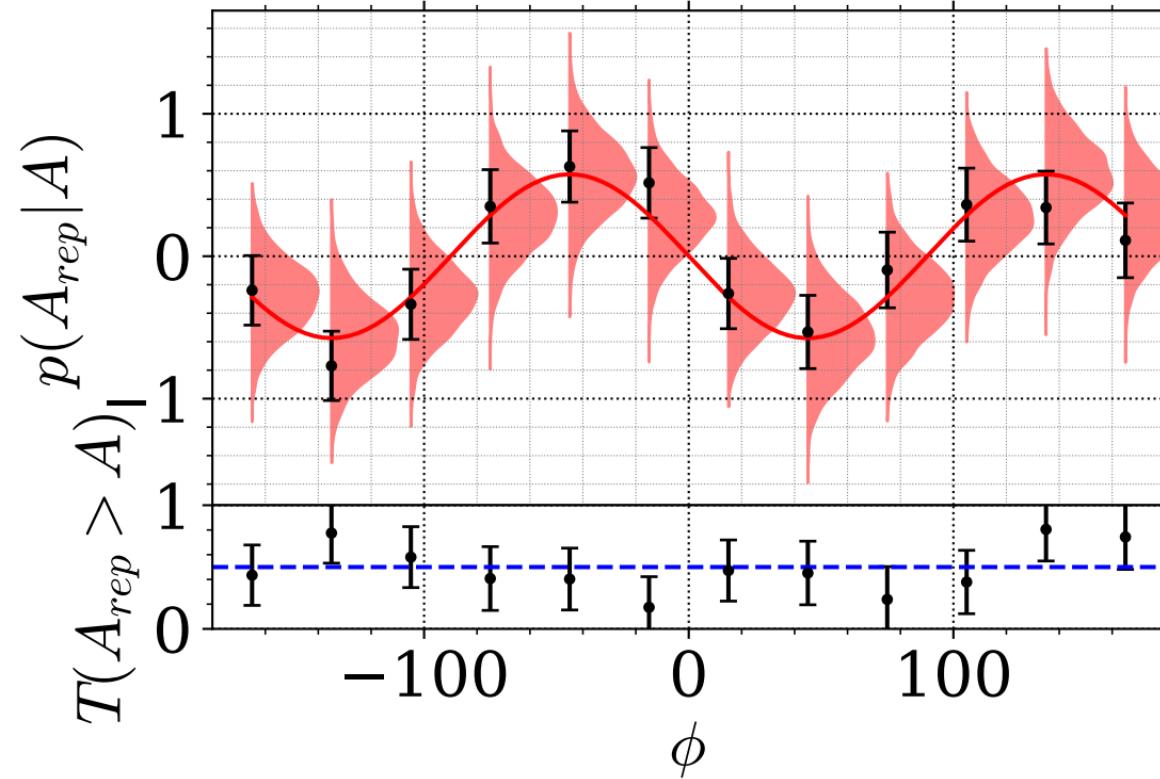
$1430 \leq E_\gamma < 1490, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$



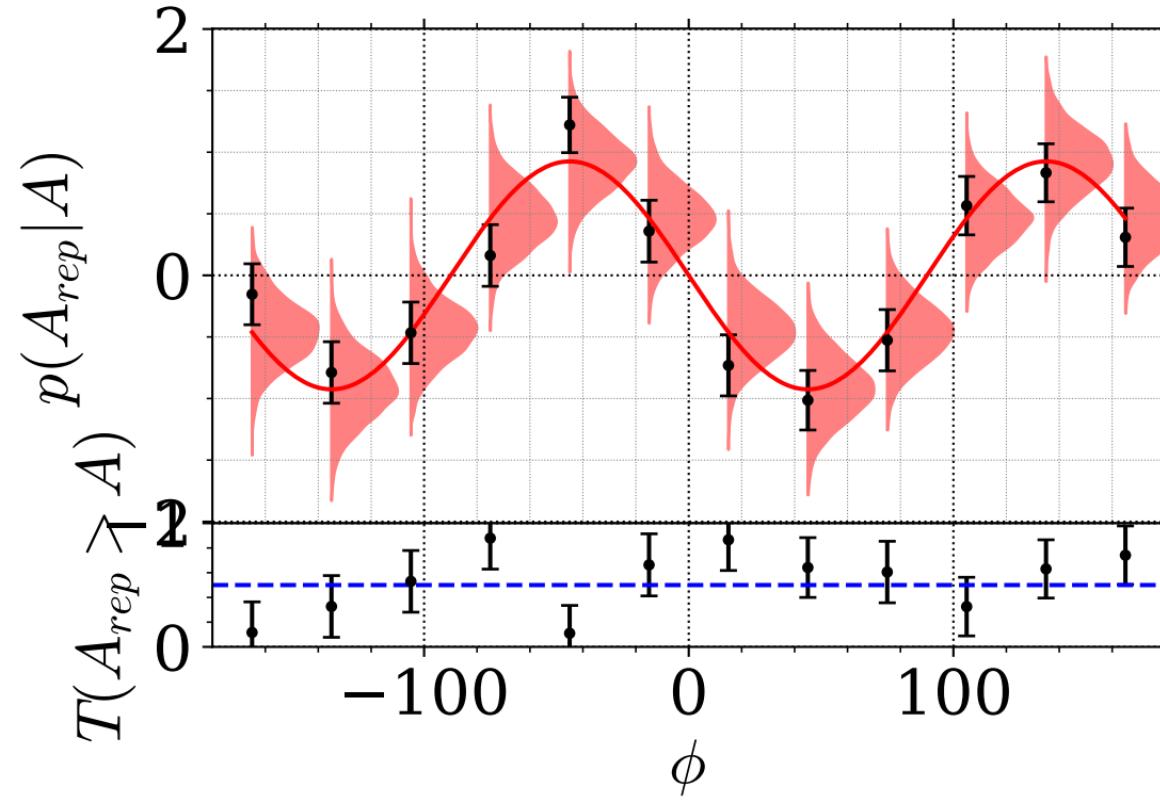
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1430 \leq E_\gamma < 1490, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$



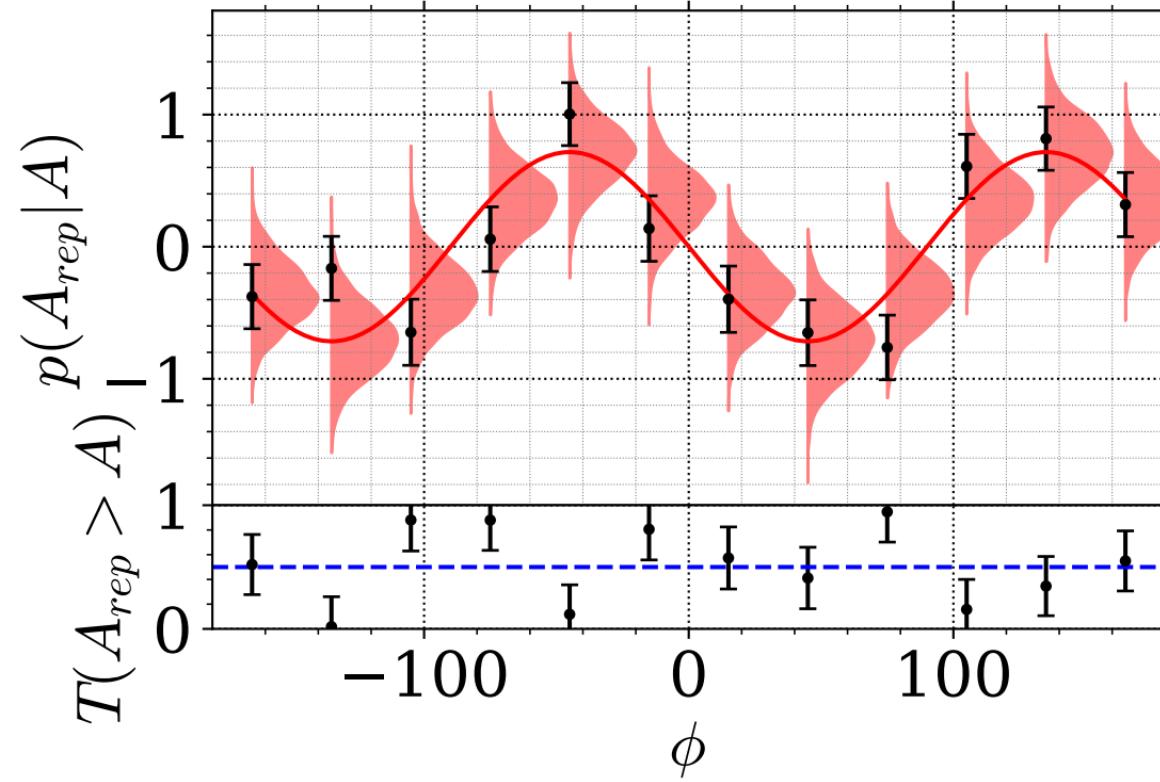
$$1430 \leq E_\gamma < 1490, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

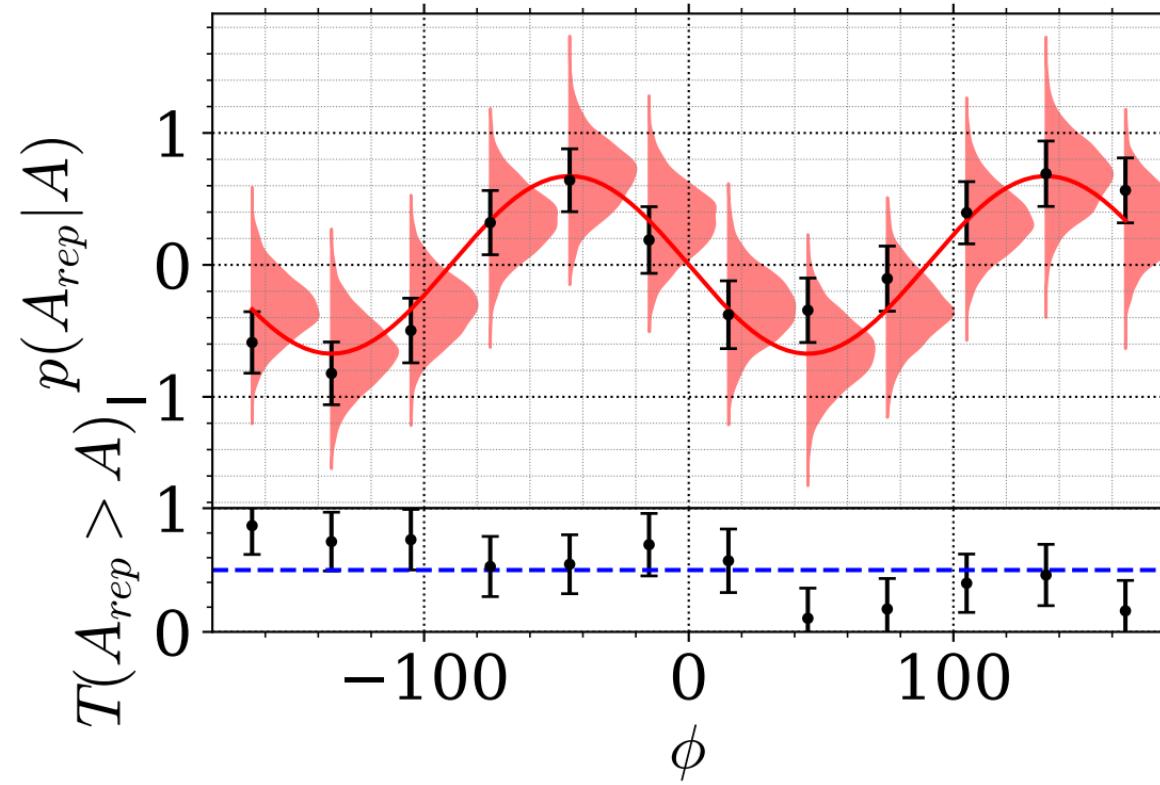
$$1430 \leq E_\gamma < 1490, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1430 \leq E_\gamma < 1490, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$

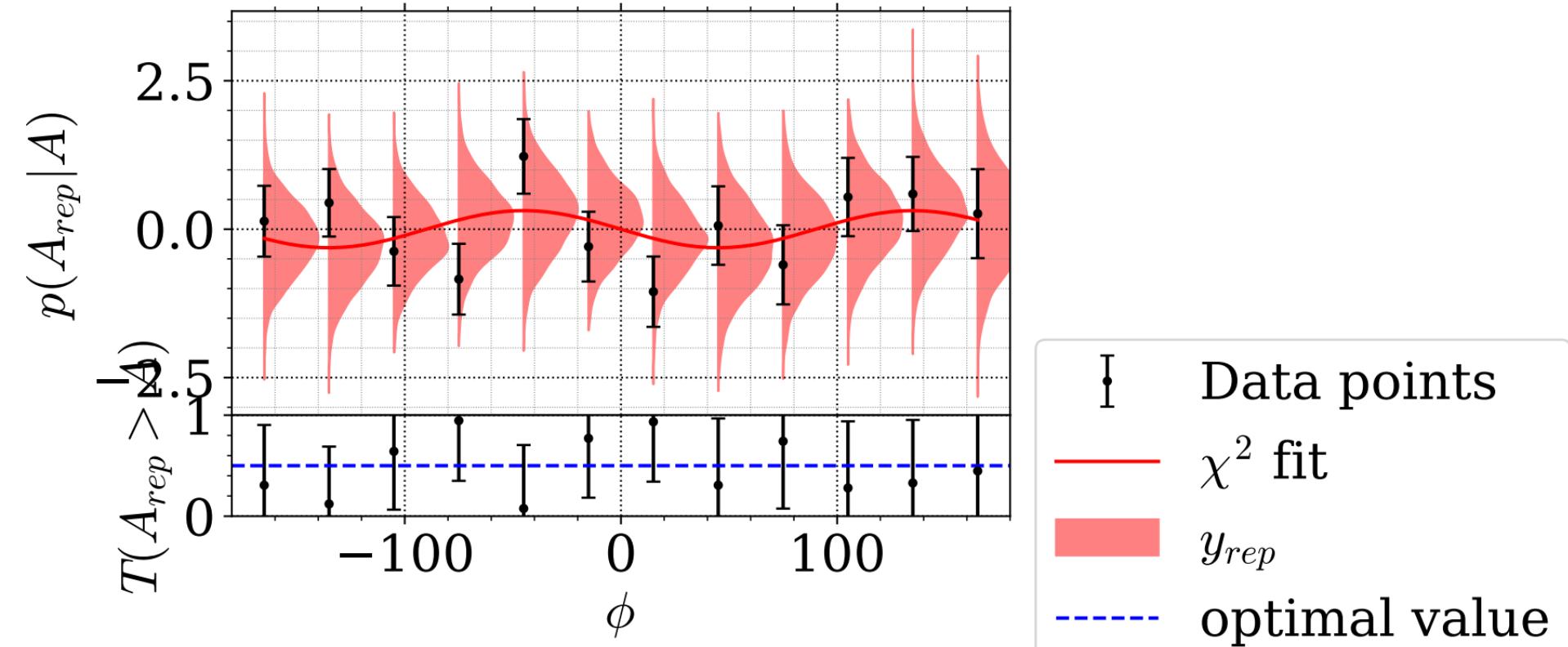


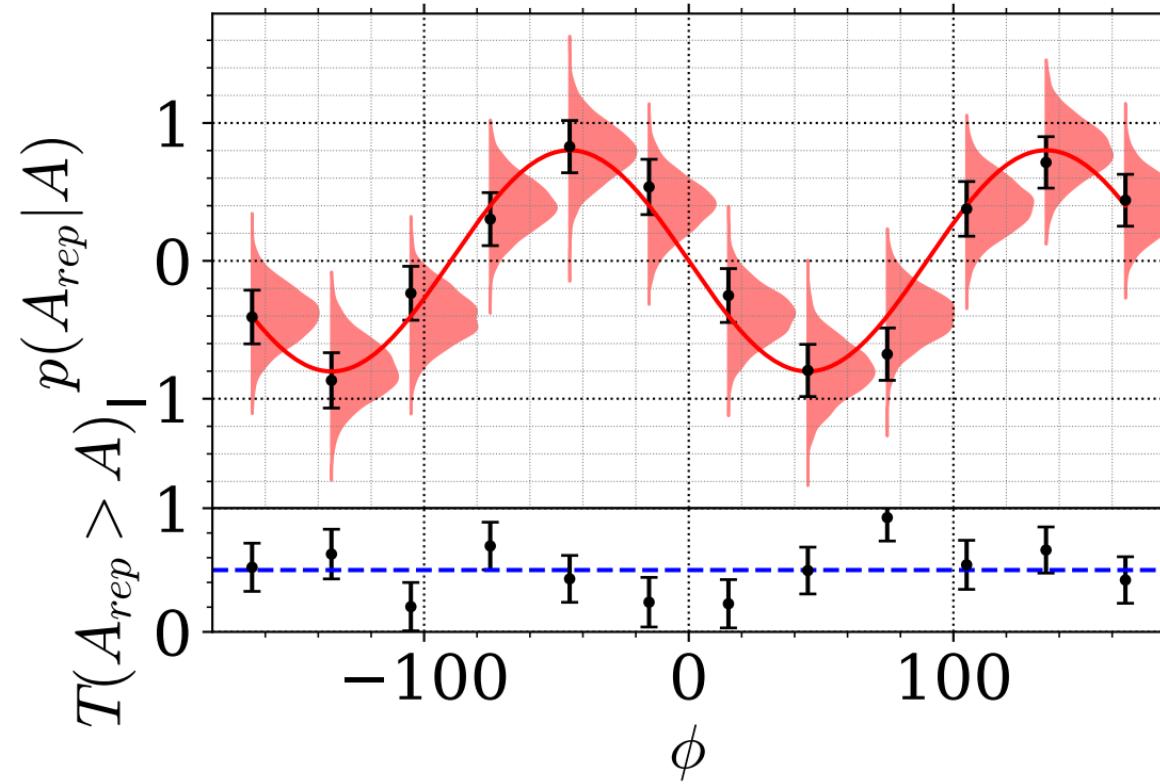
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1430 \leq E_\gamma < 1490, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1490 \leq E_\gamma < 1550, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$



$$1490 \leq E_\gamma < 1550, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1490 \leq E_\gamma < 1550, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$

-100

0

100

$p(A_{rep} | A)$

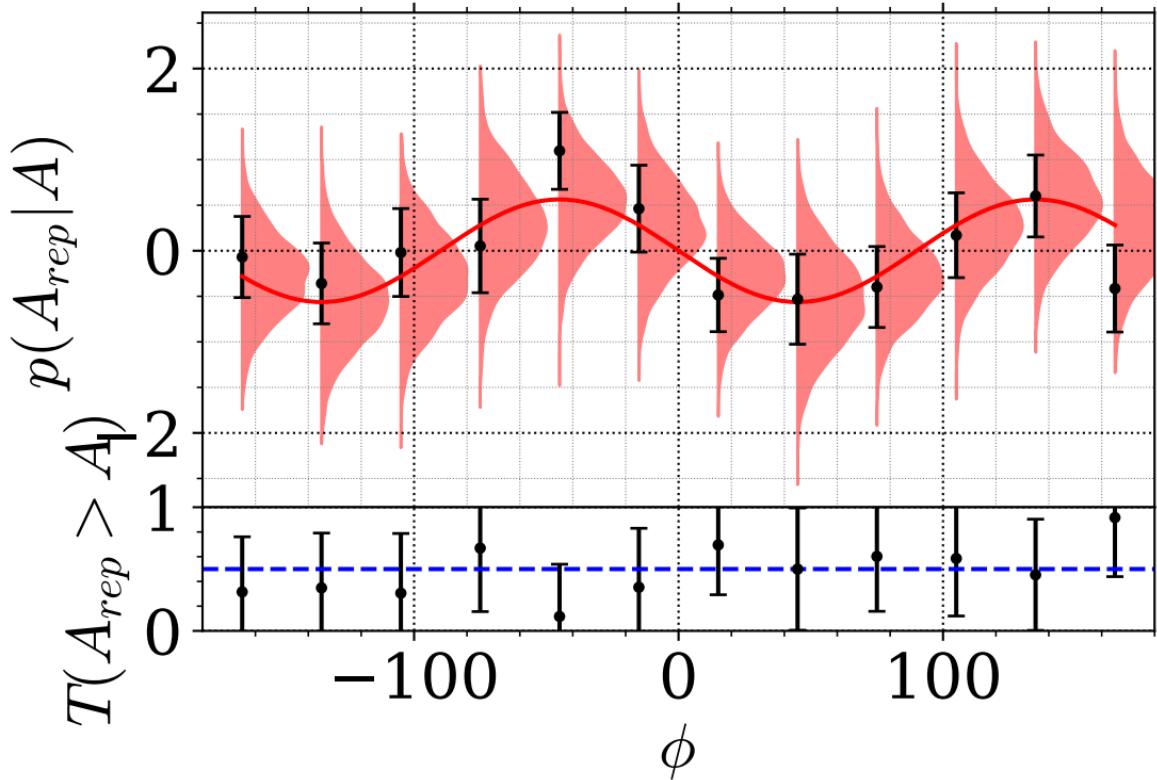
$T(A_{rep} > A)$

ϕ

- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

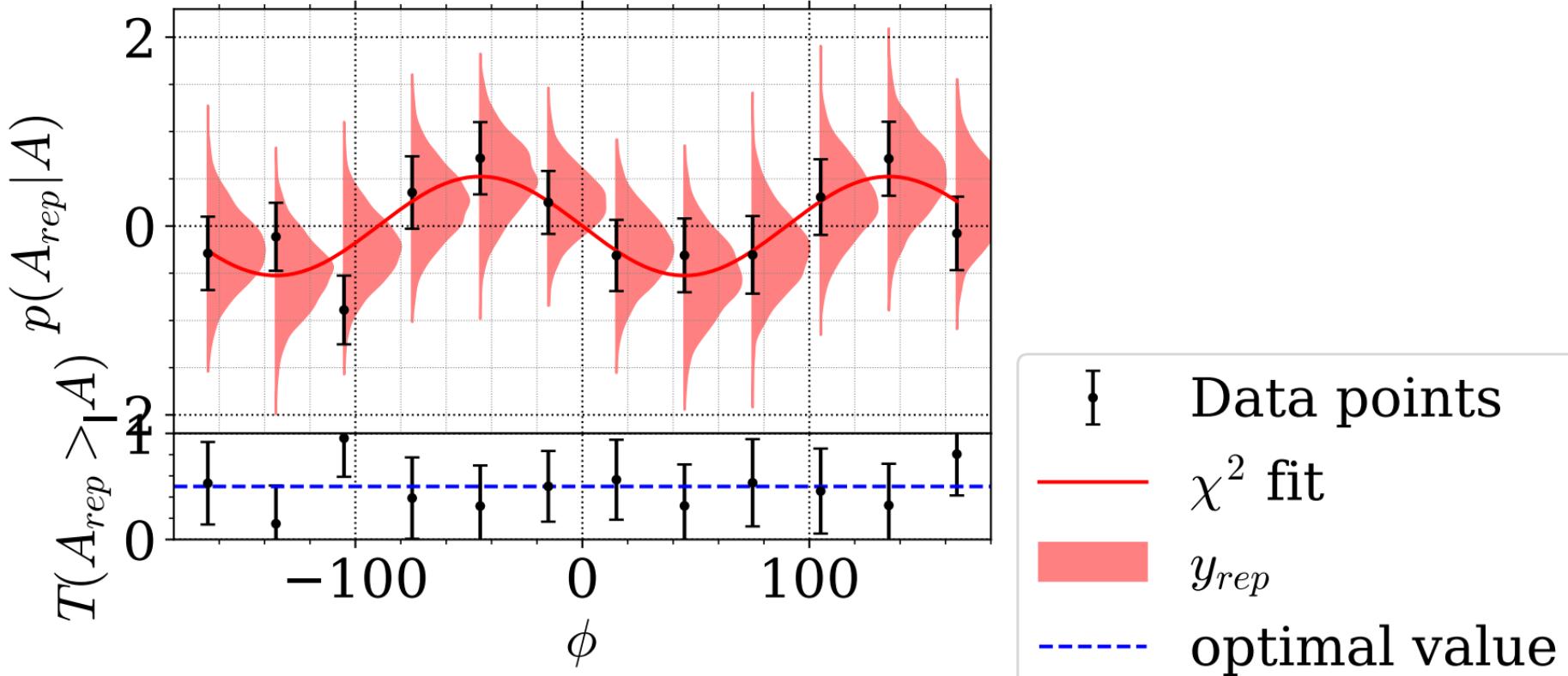
$$1490 \leq E_\gamma < 1550, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$$

-100 0 100

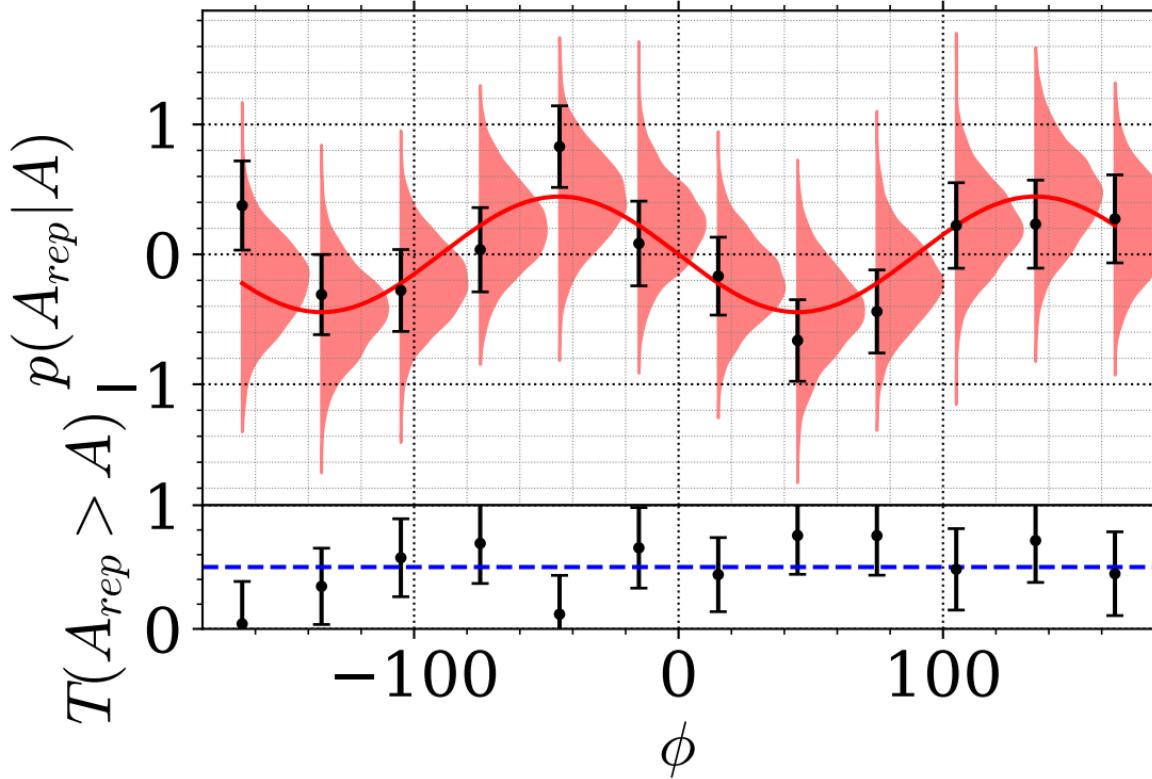


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1490 \leq E_\gamma < 1550, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$

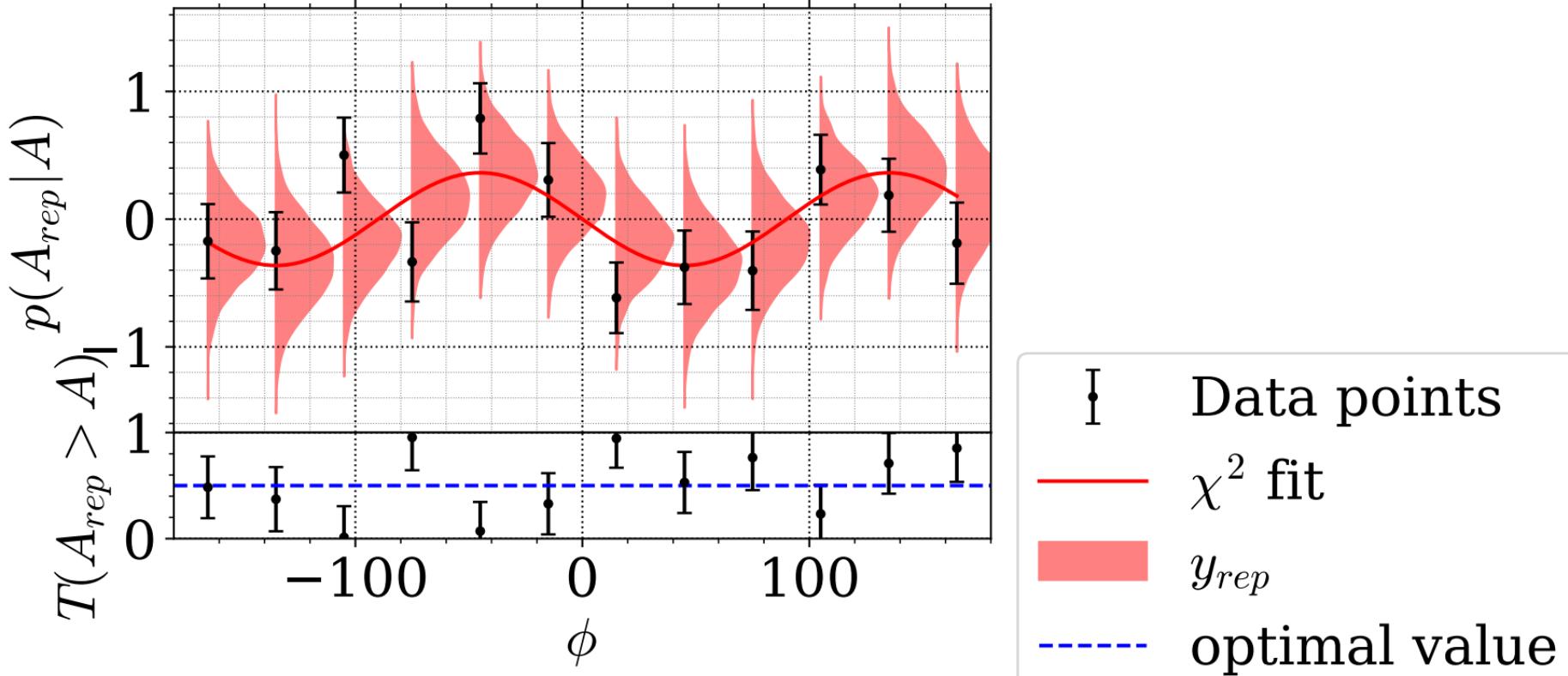


$1490 \leq E_\gamma < 1550, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$

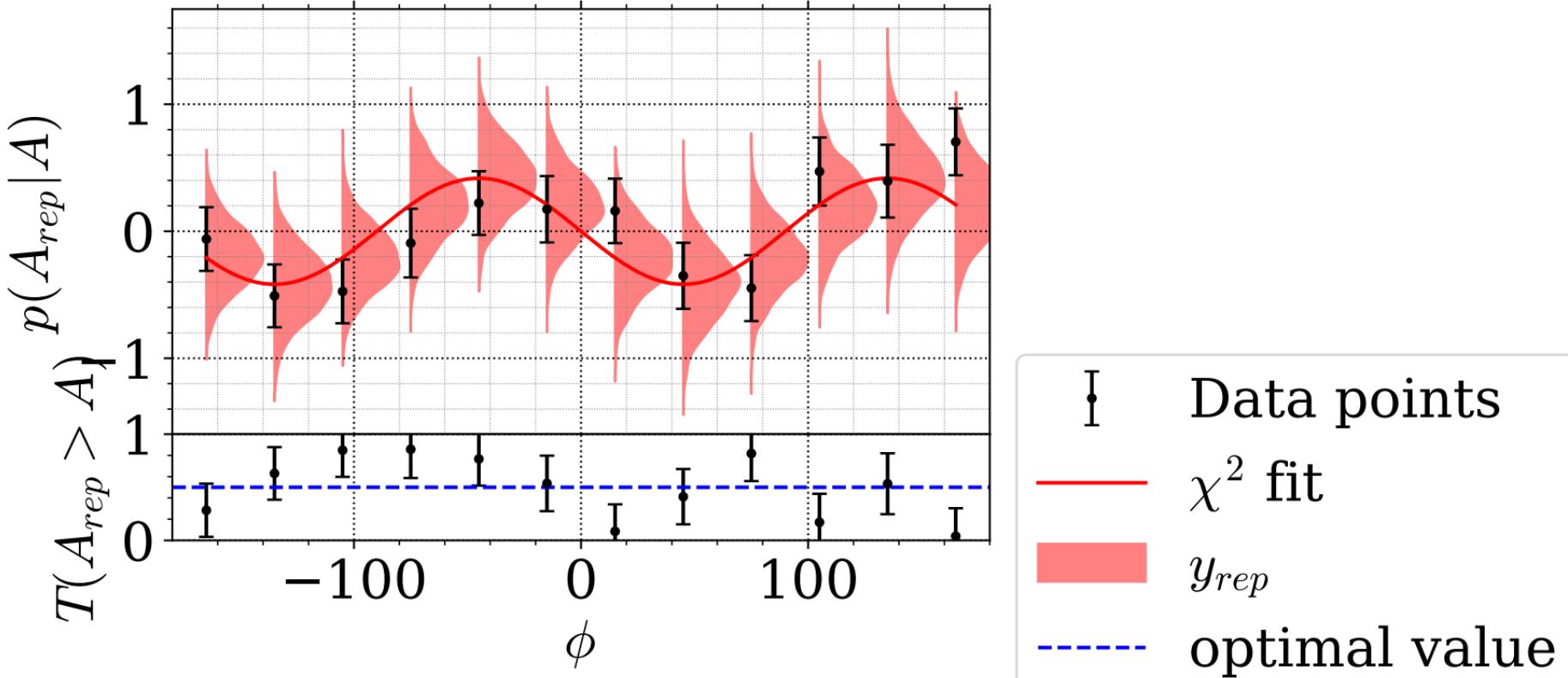


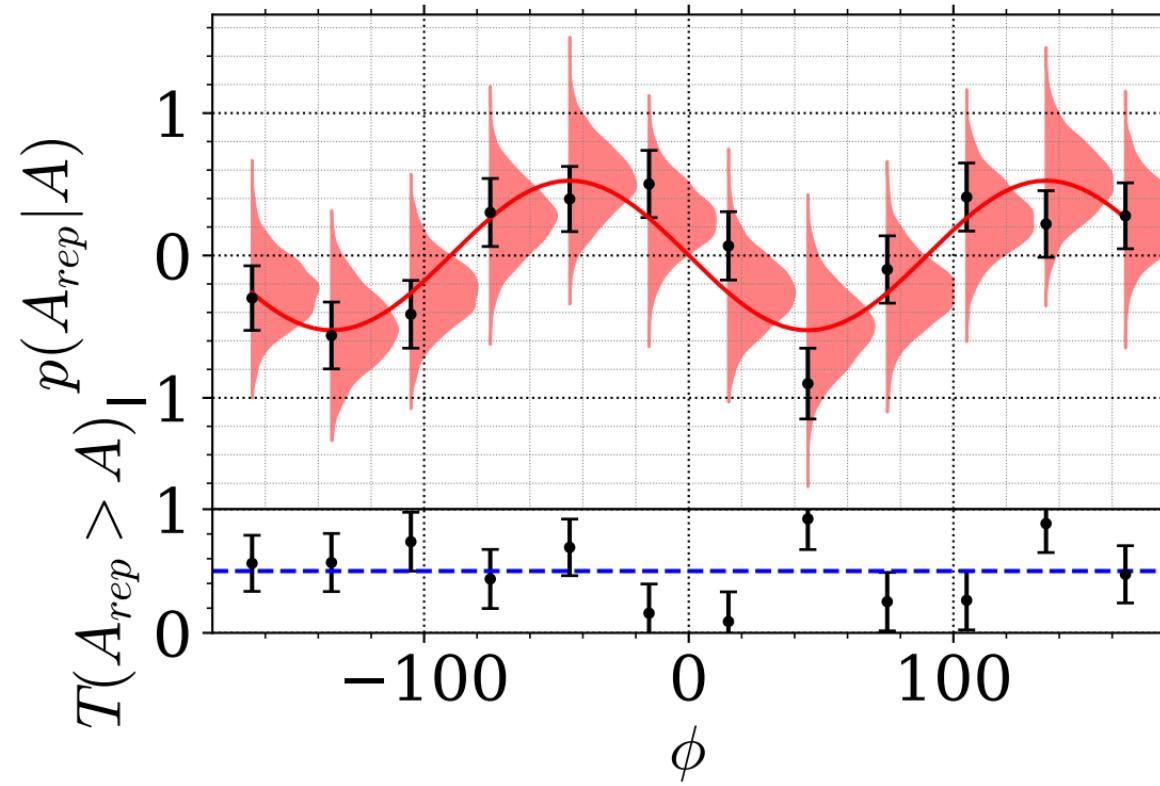
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1490 \leq E_\gamma < 1550, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$



$1490 \leq E_\gamma < 1550, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$

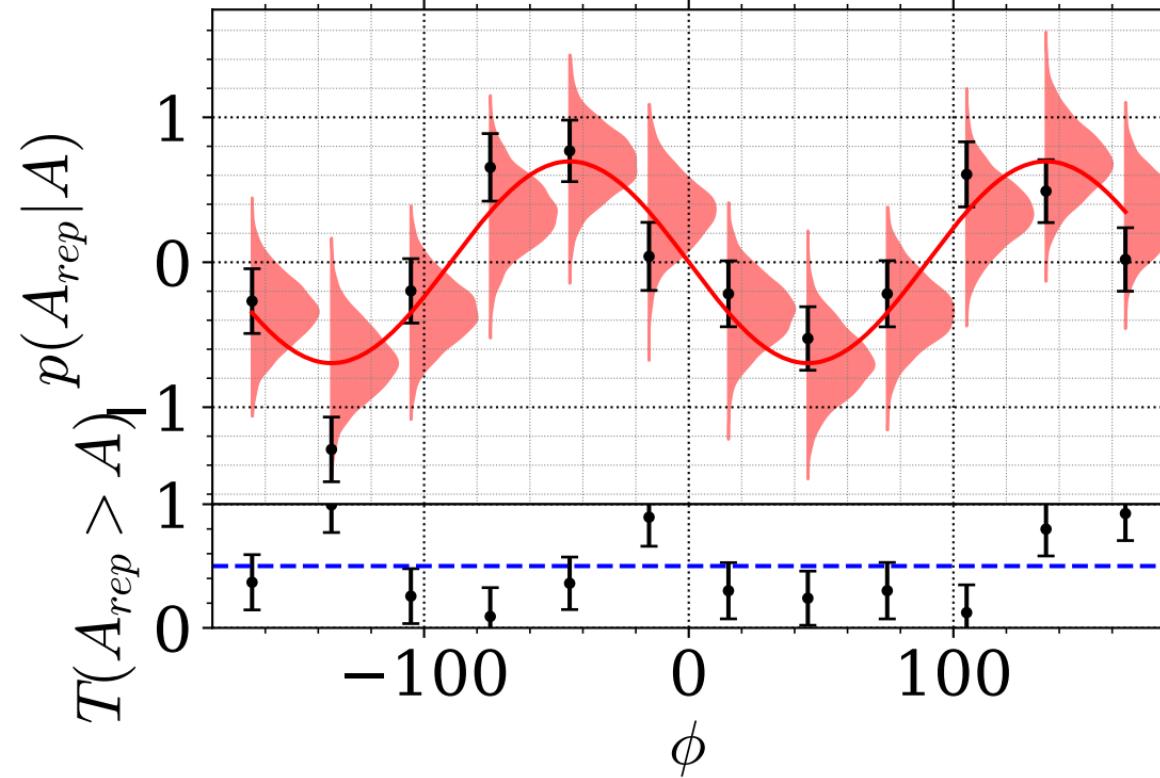


$$1490 \leq E_\gamma < 1550, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$$


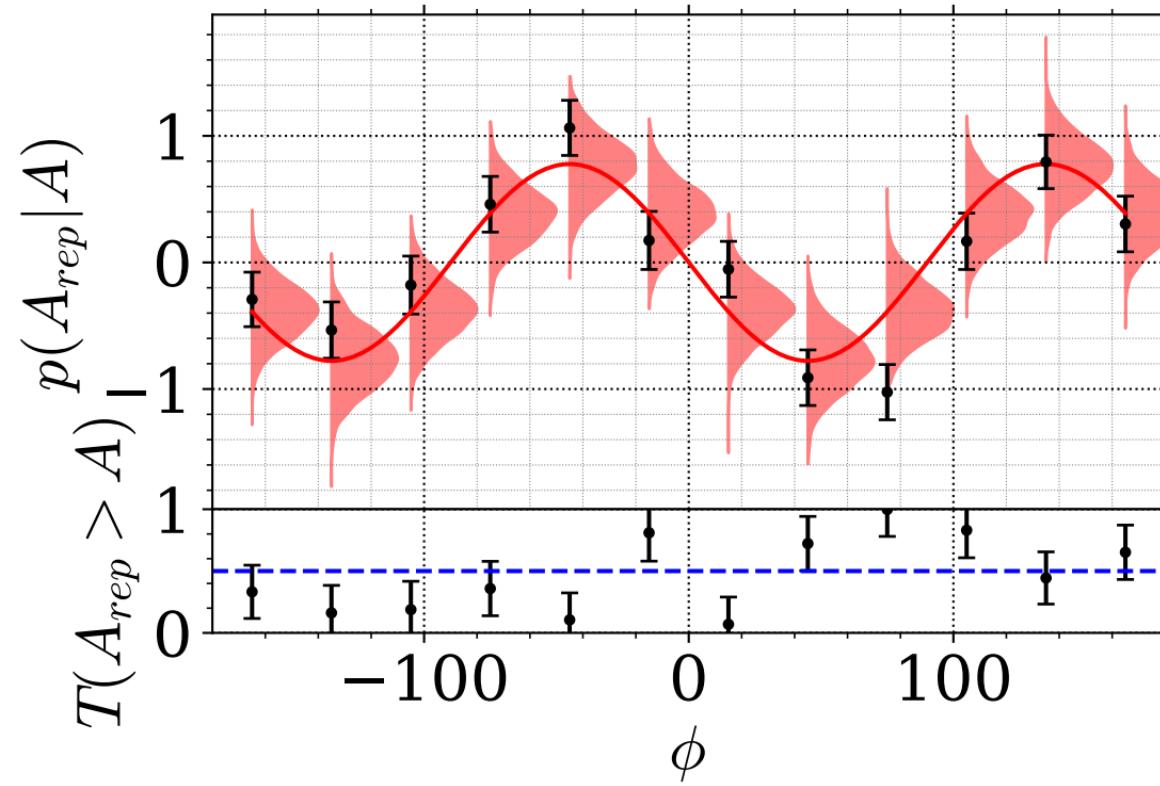
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1490 \leq E_\gamma < 1550, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$$

-100 0 100

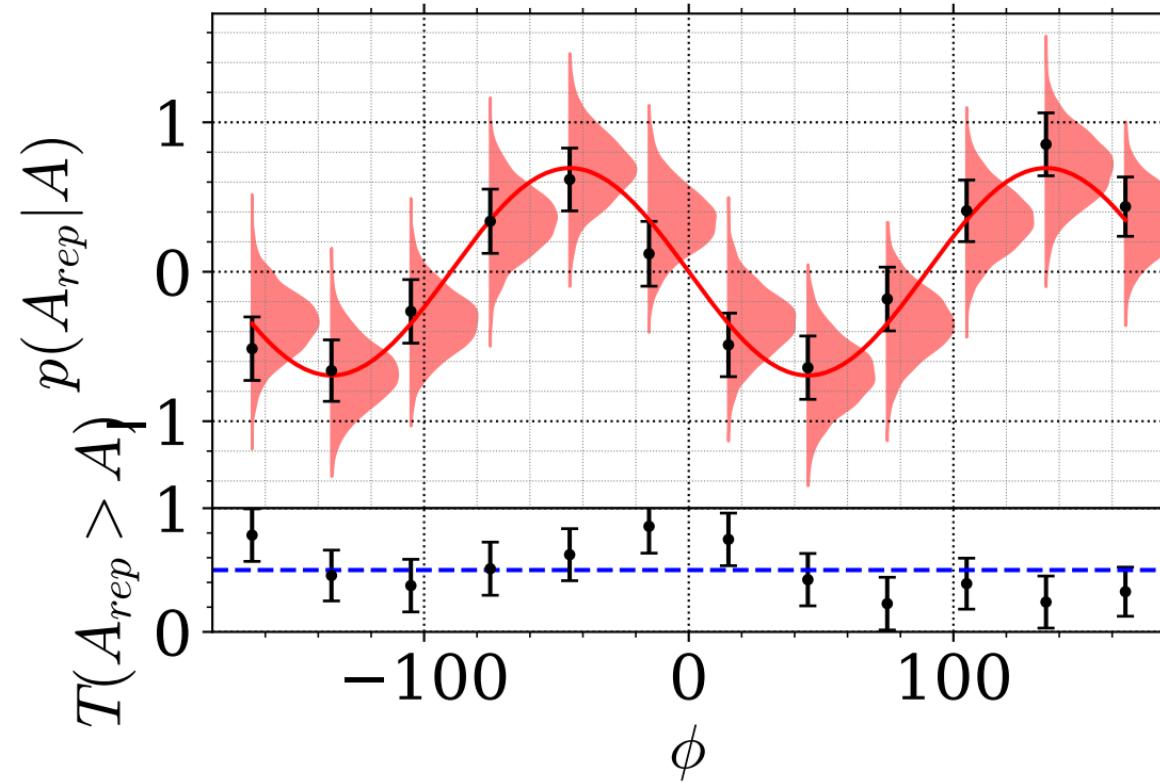


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1490 \leq E_\gamma < 1550, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$$


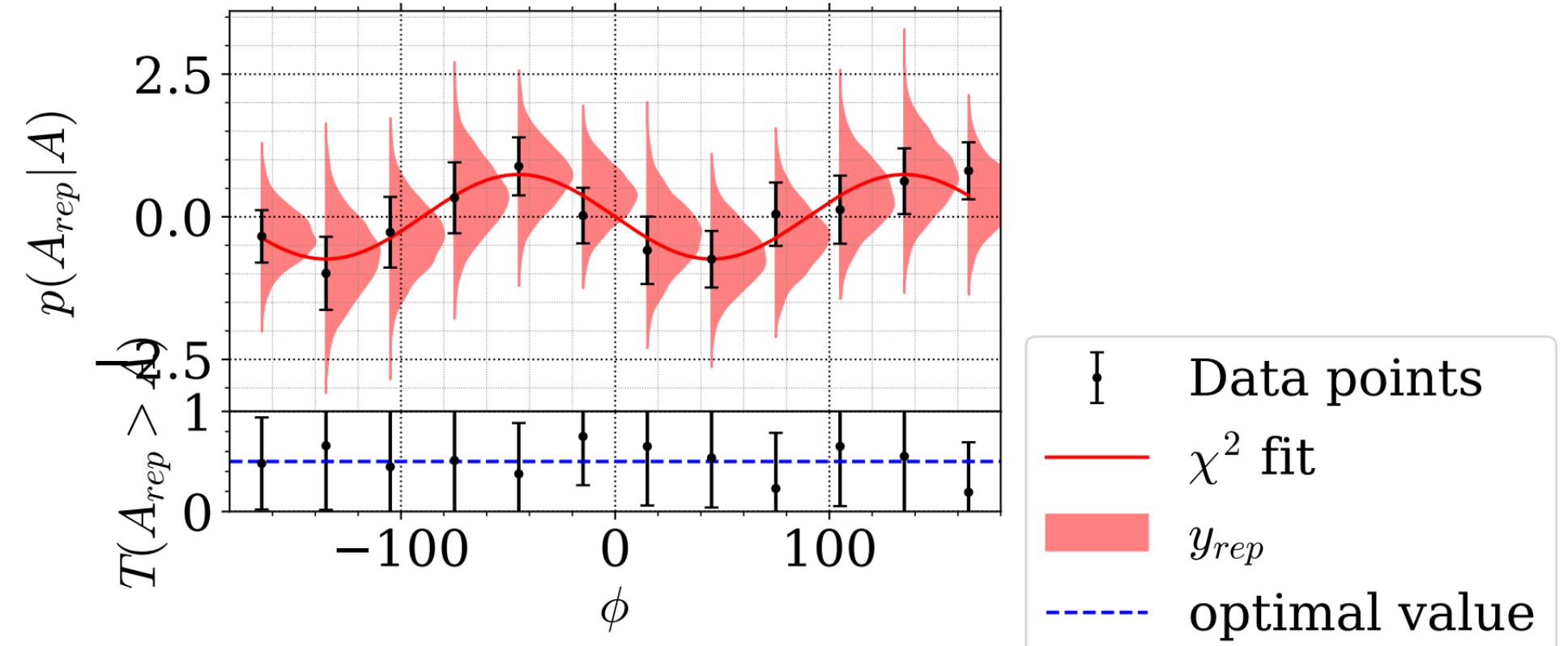
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1490 \leq E_\gamma < 1550, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$

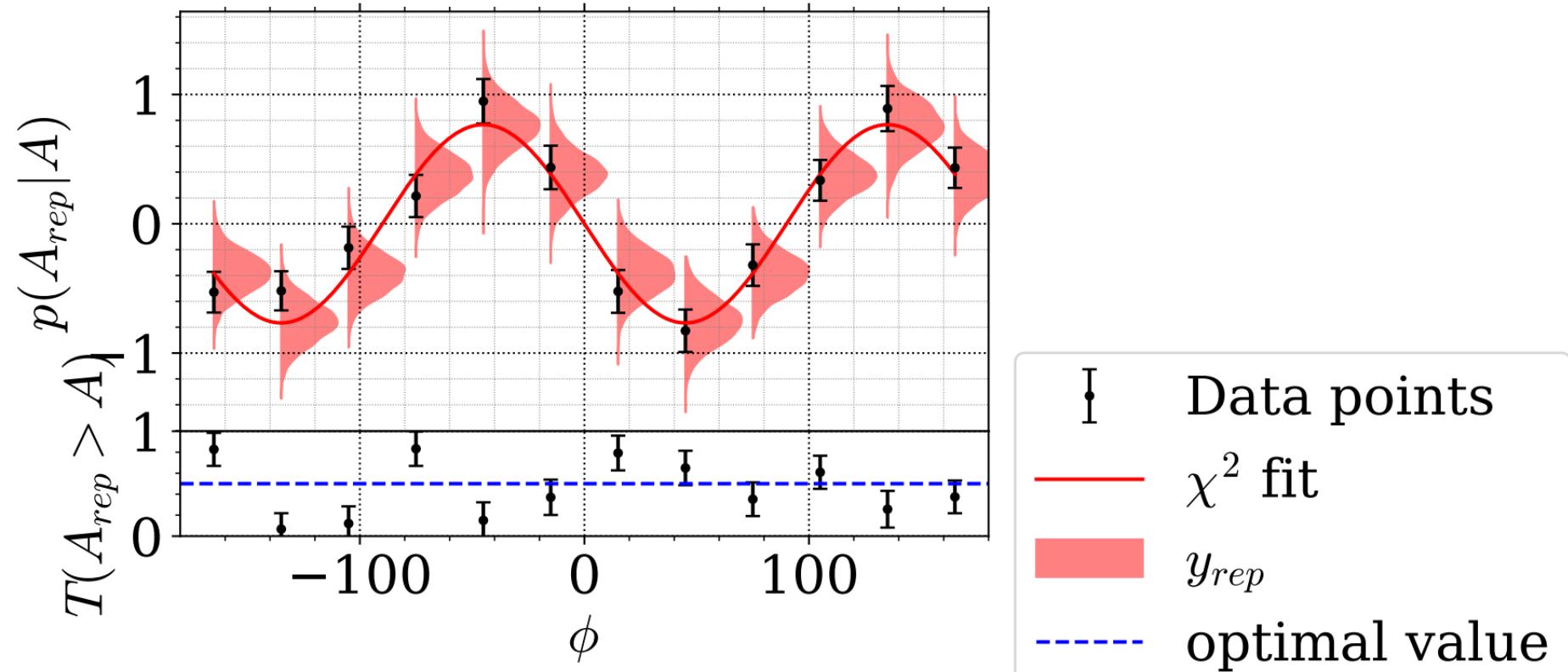


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

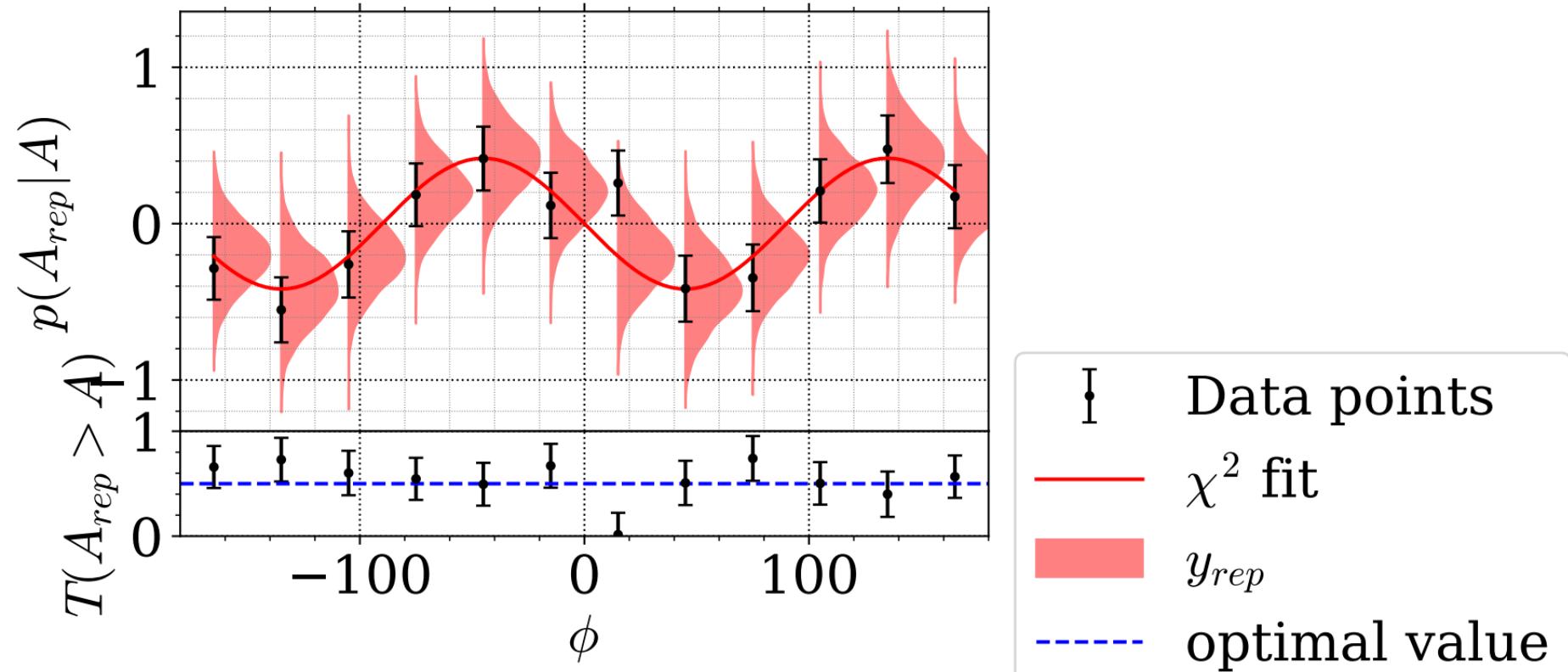
$1550 \leq E_\gamma < 1610, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$



$1550 \leq E_\gamma < 1610, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$

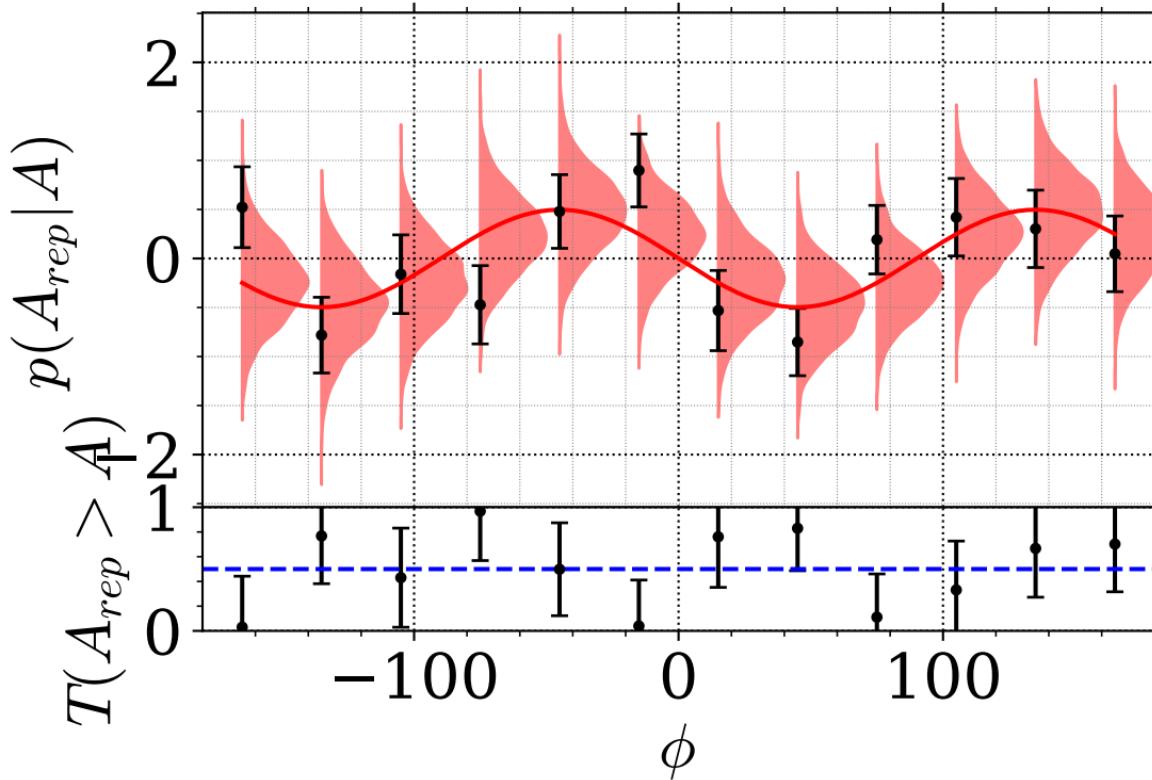


$1550 \leq E_\gamma < 1610, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$



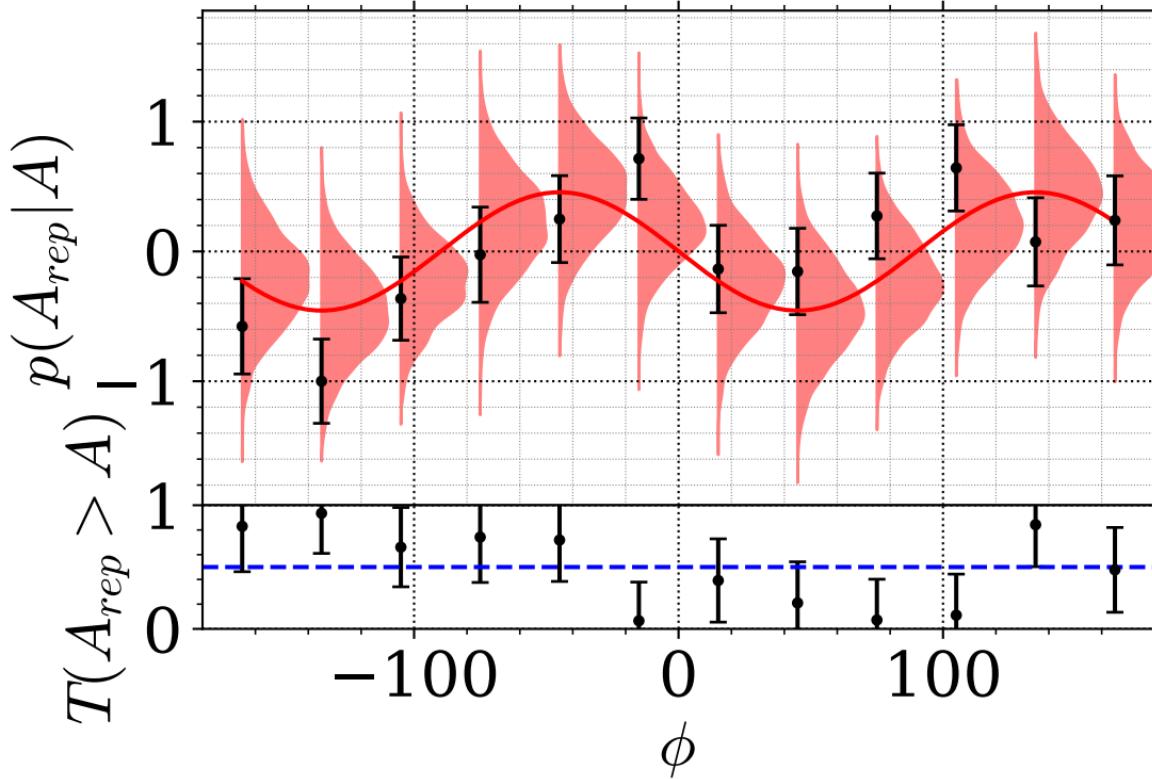
$$1550 \leq E_\gamma < 1610, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$$

-100 0 100



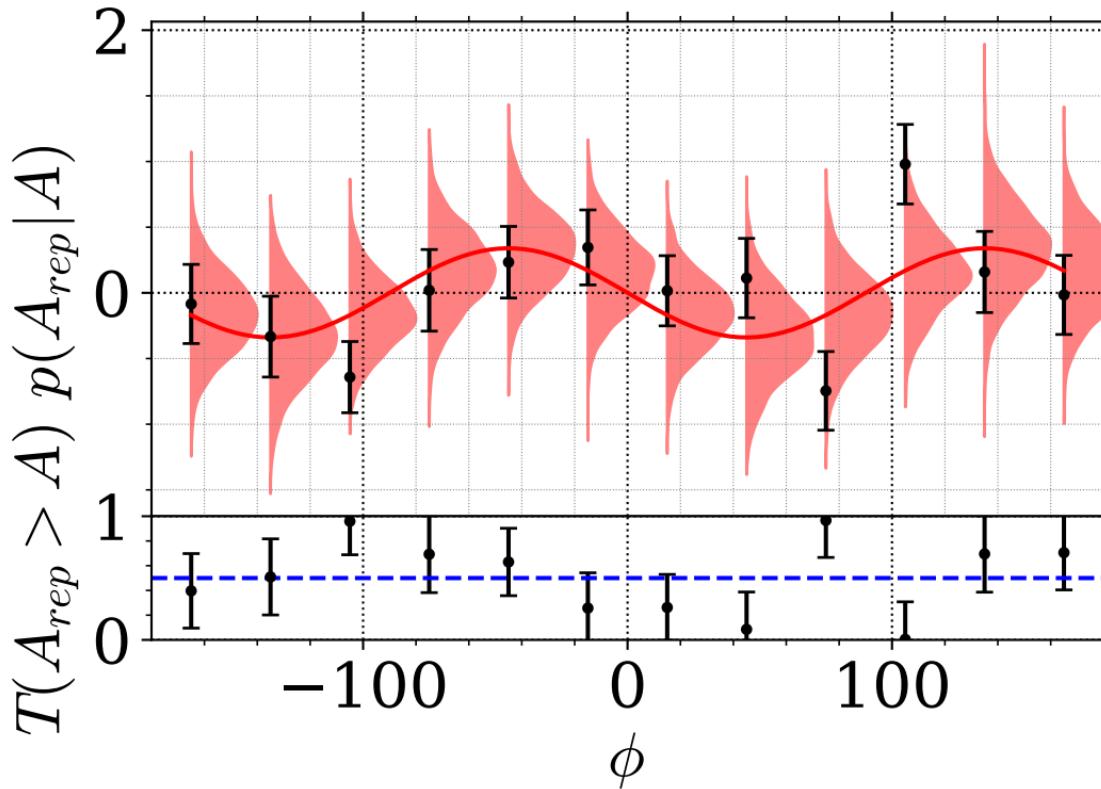
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1550 \leq E_\gamma < 1610, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$



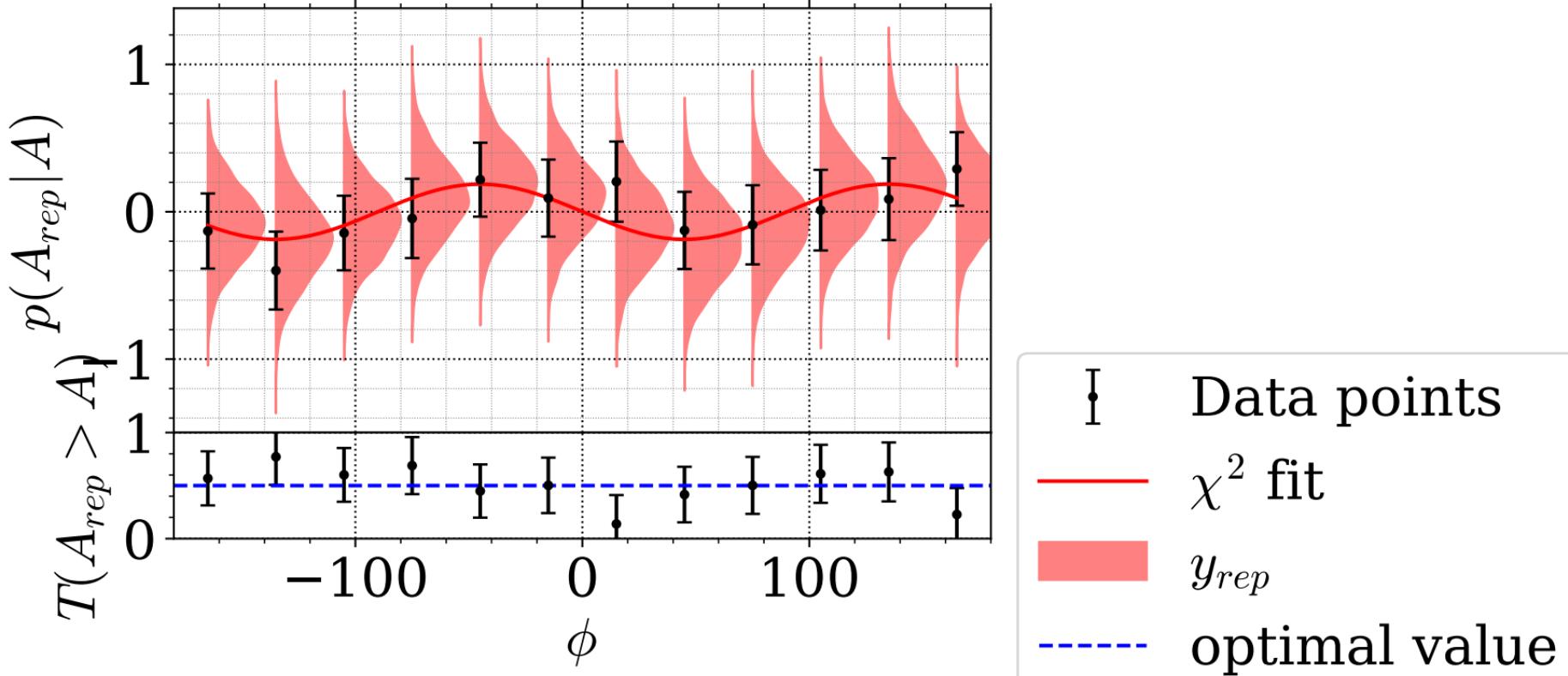
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1550 \leq E_\gamma < 1610, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$

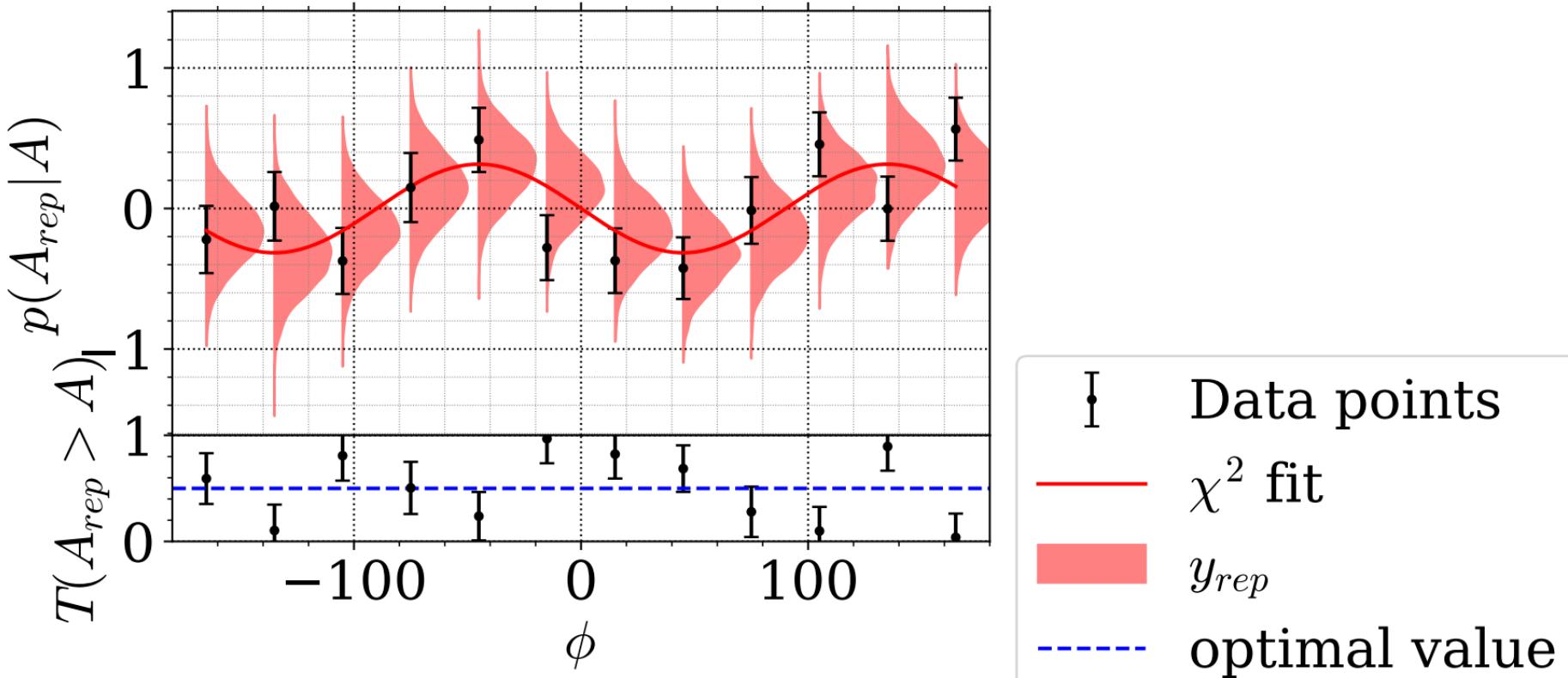


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

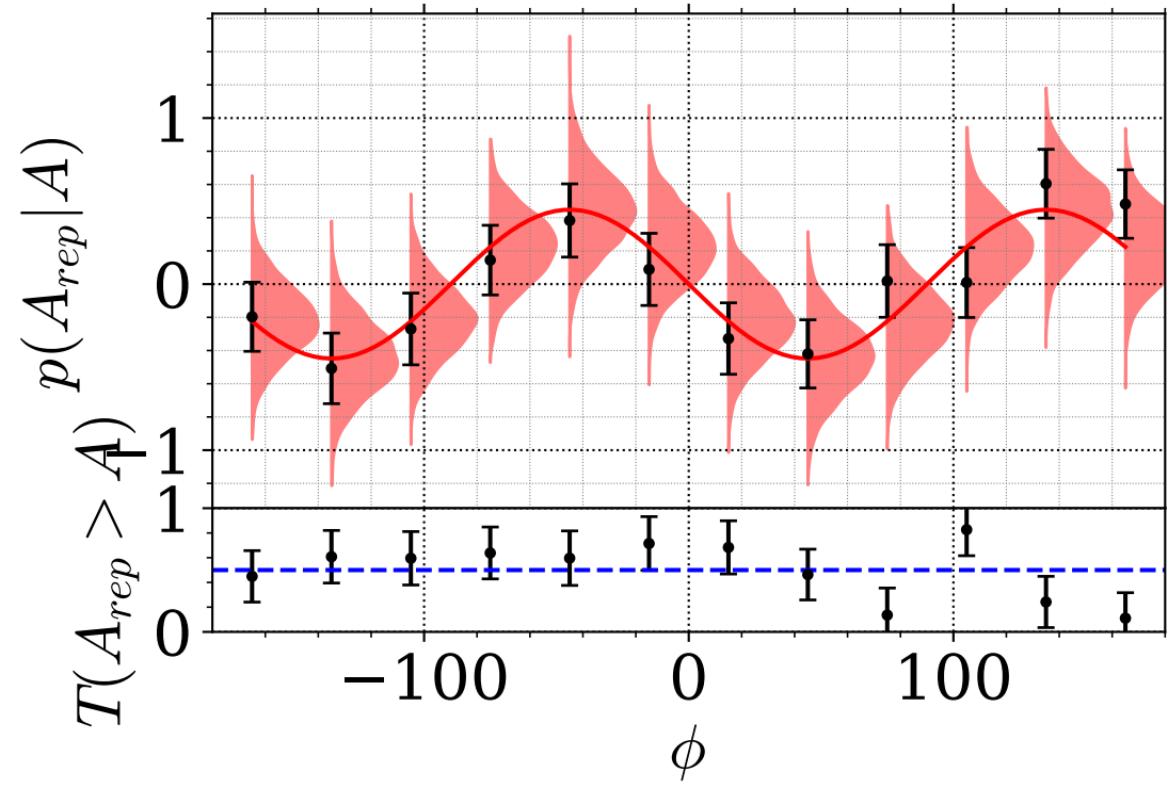
$1550 \leq E_\gamma < 1610, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$



$1550 \leq E_\gamma < 1610, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$

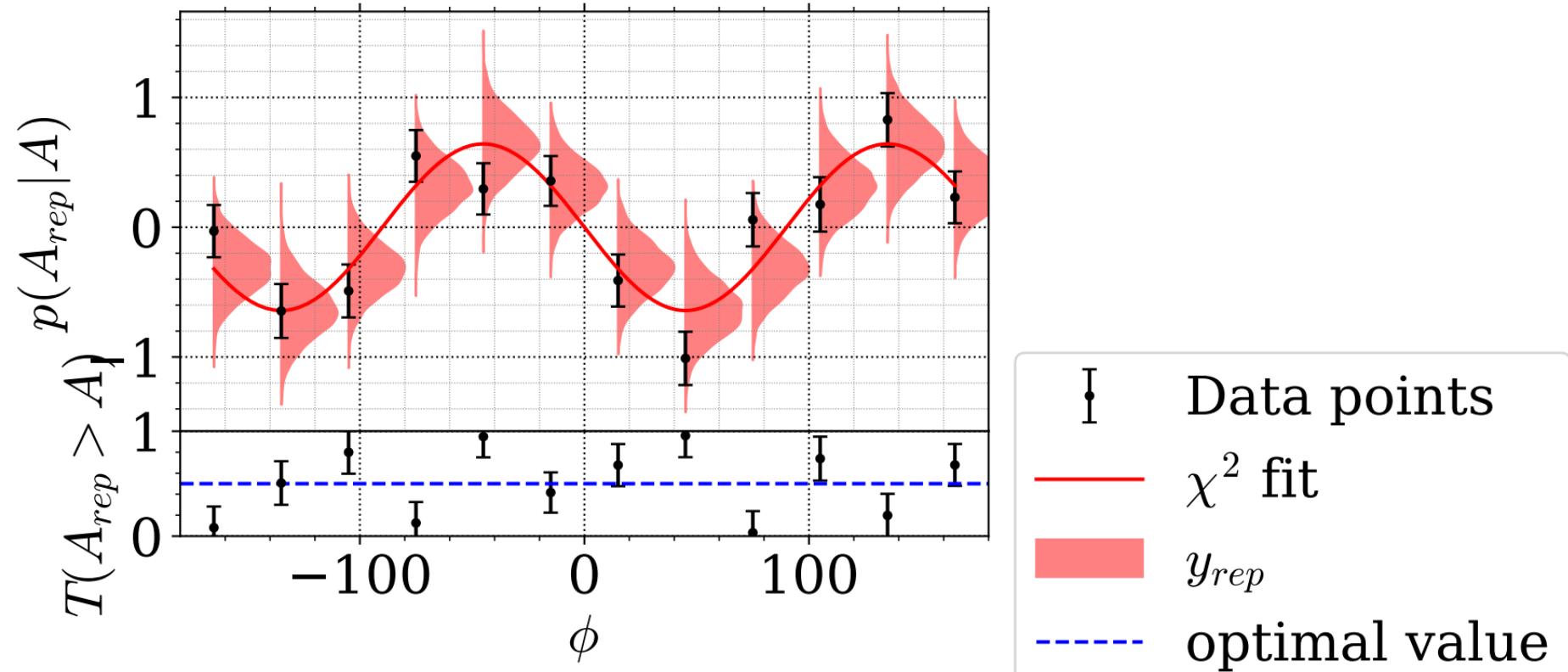


$1550 \leq E_\gamma < 1610, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$

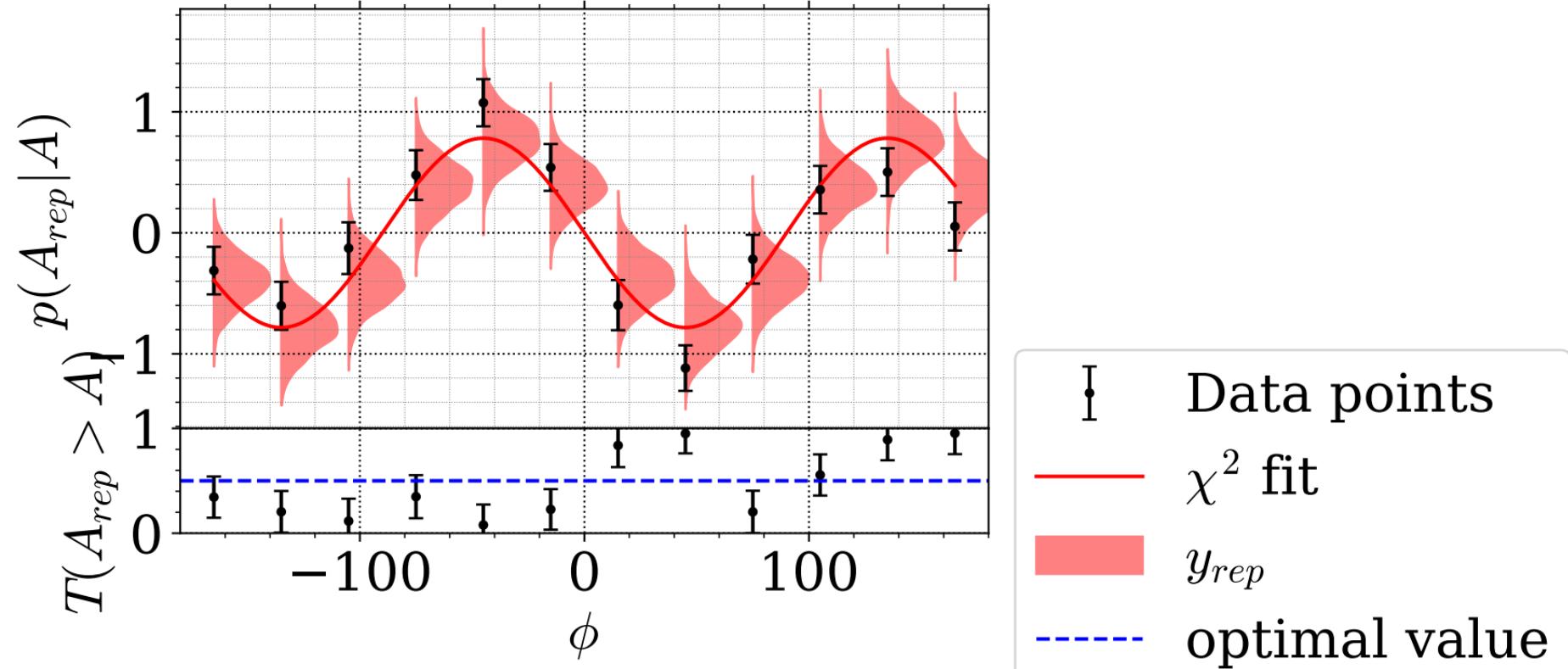


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

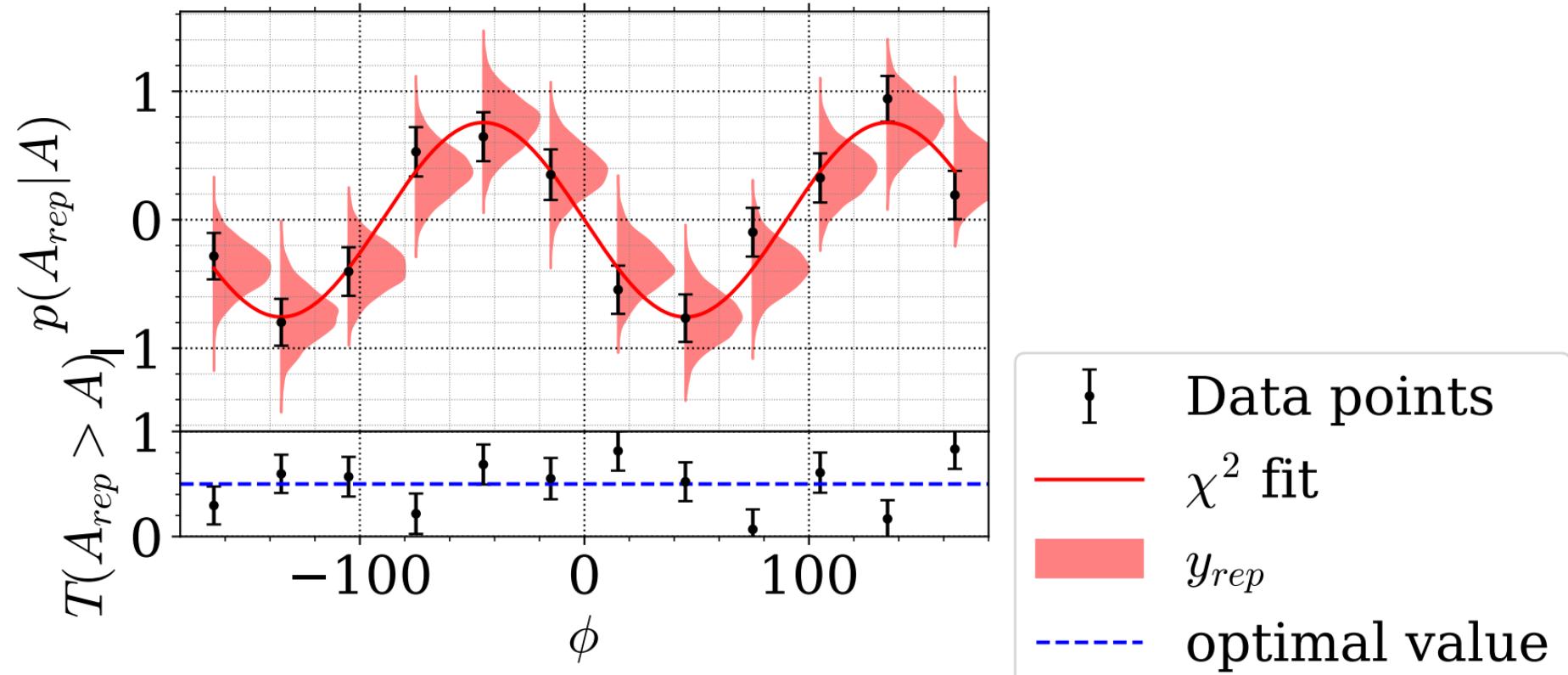
$1550 \leq E_\gamma < 1610, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$



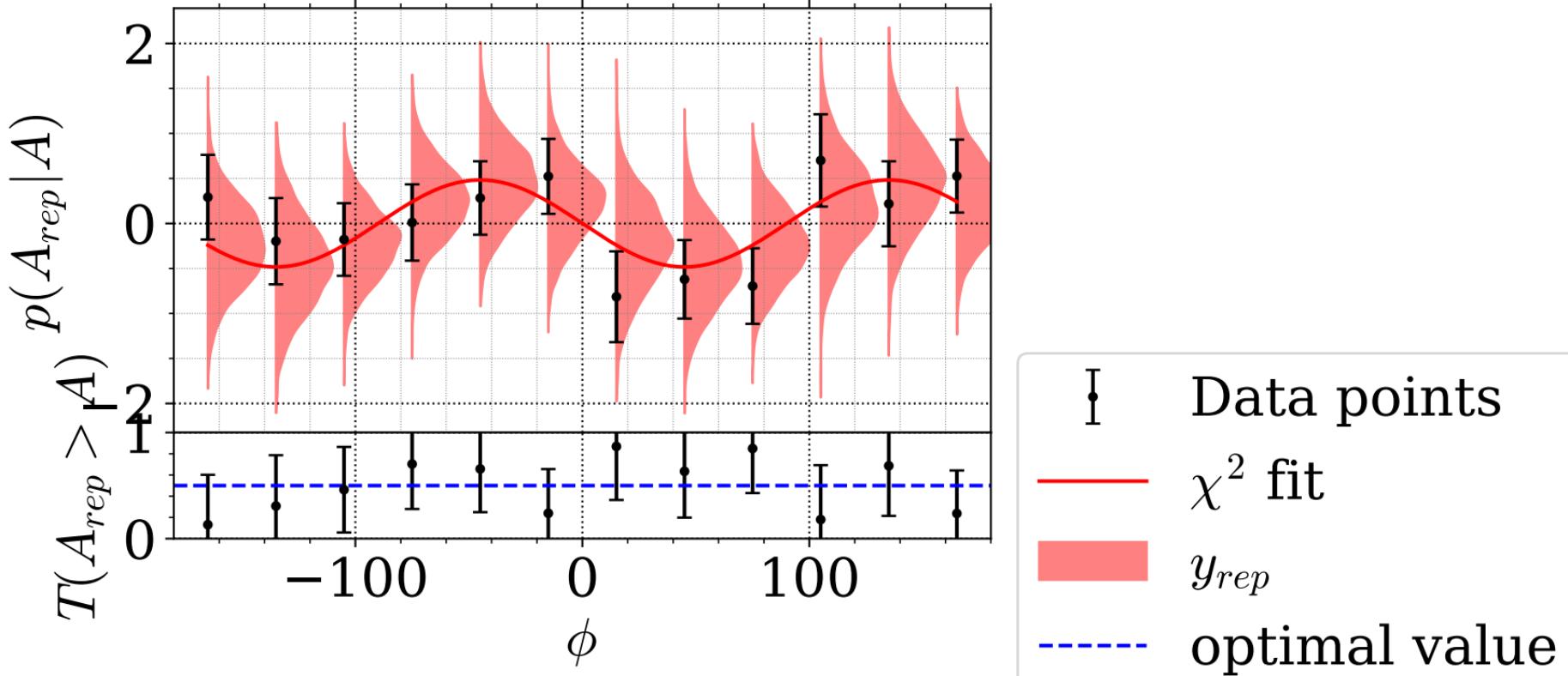
$1550 \leq E_\gamma < 1610, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$



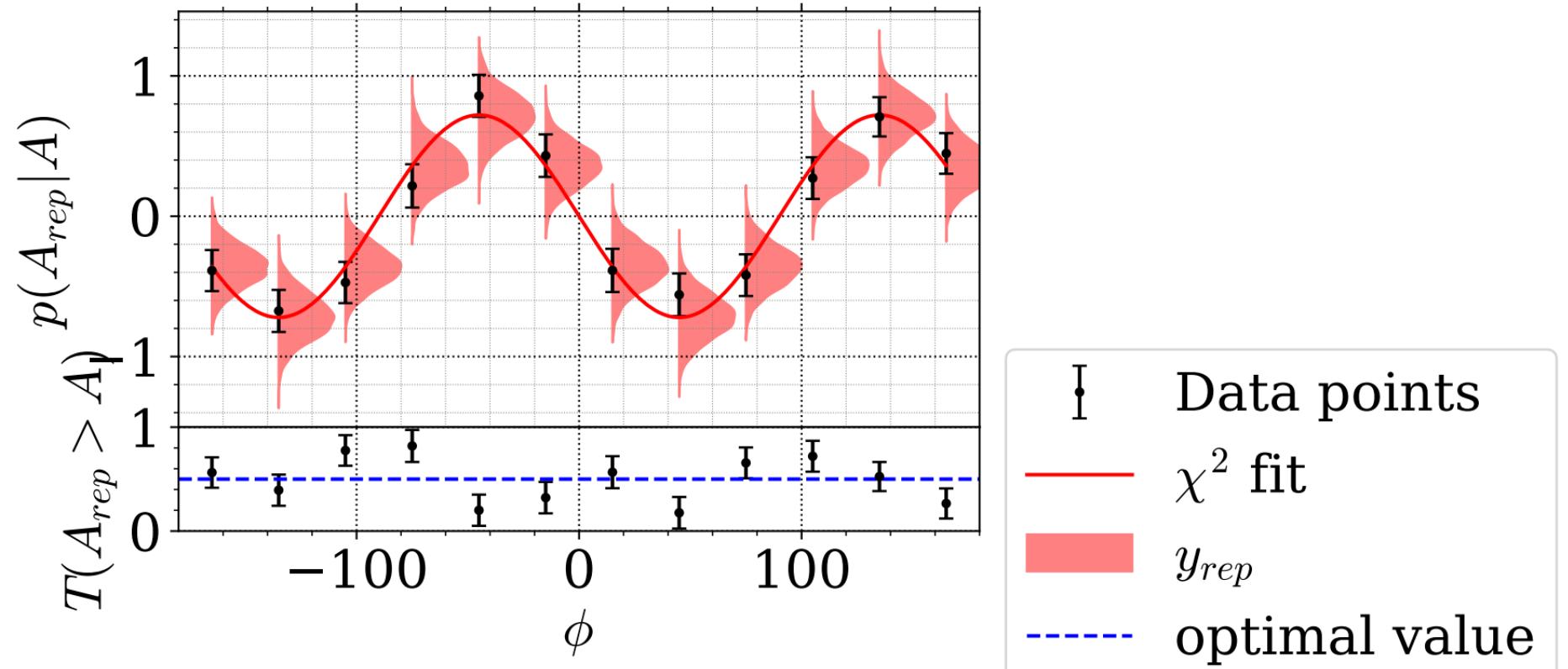
$1550 \leq E_\gamma < 1610, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$



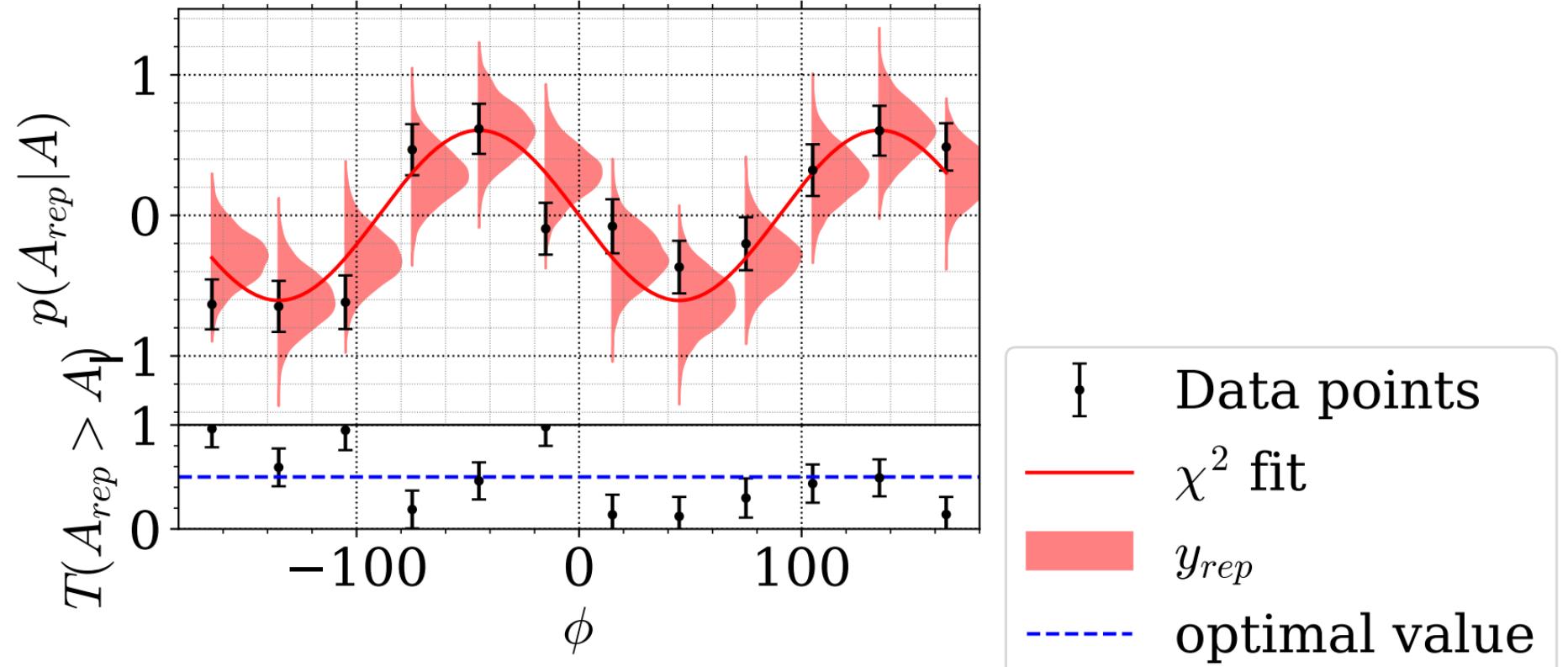
$1610 \leq E_\gamma < 1670, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$



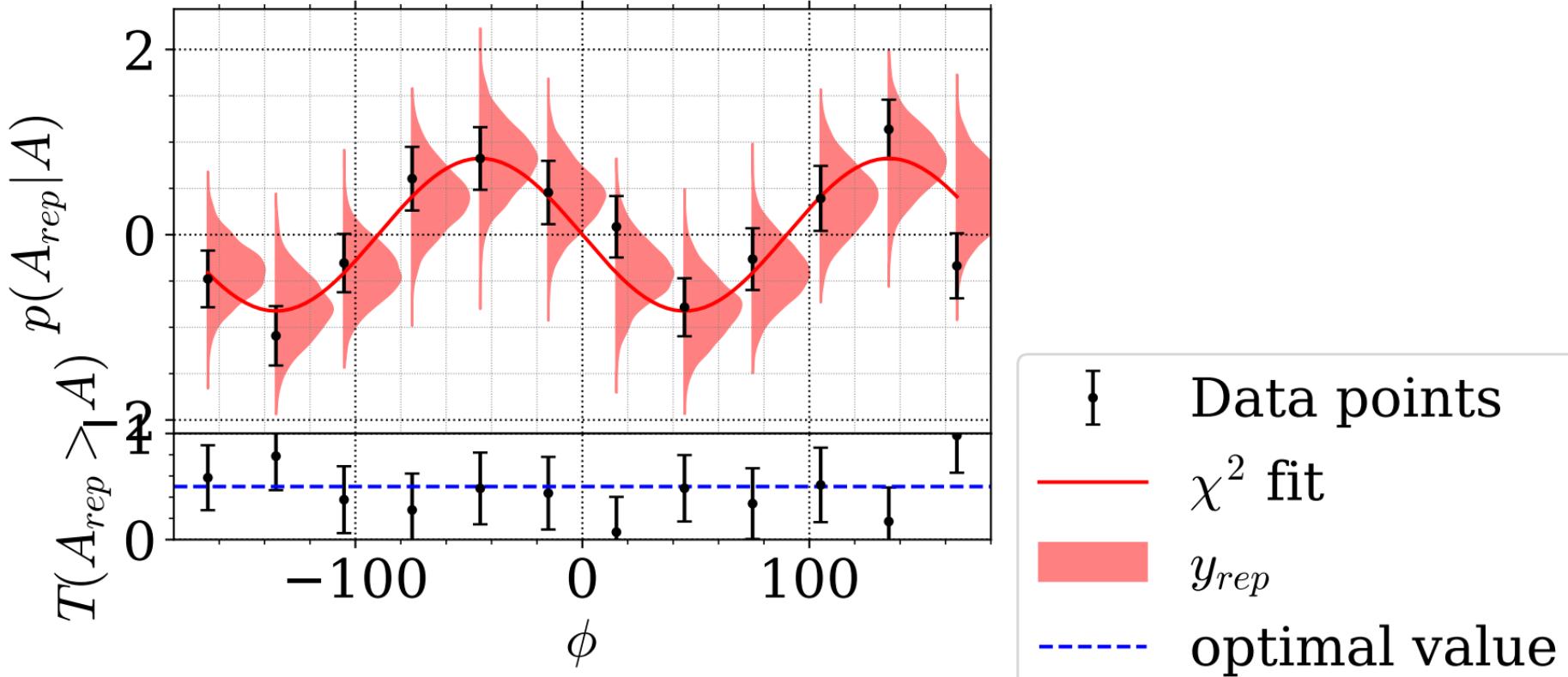
$1610 \leq E_\gamma < 1670, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$



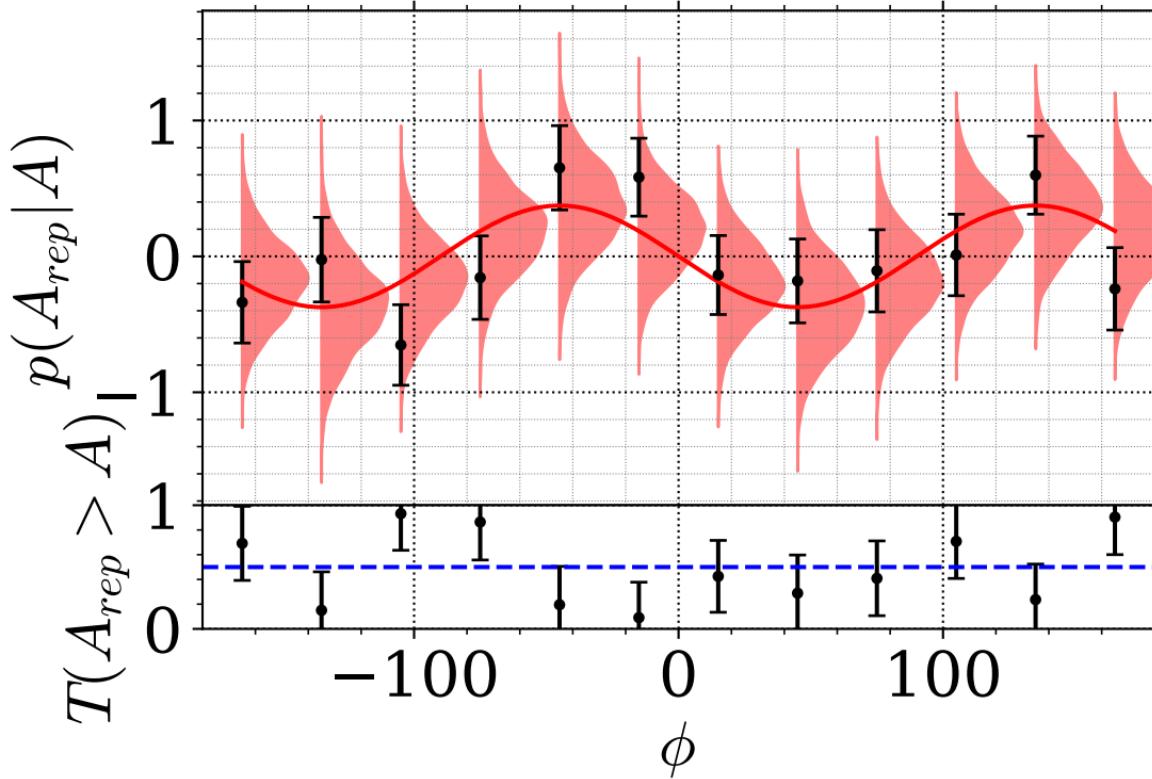
$1610 \leq E_\gamma < 1670, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$



$1610 \leq E_\gamma < 1670, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$

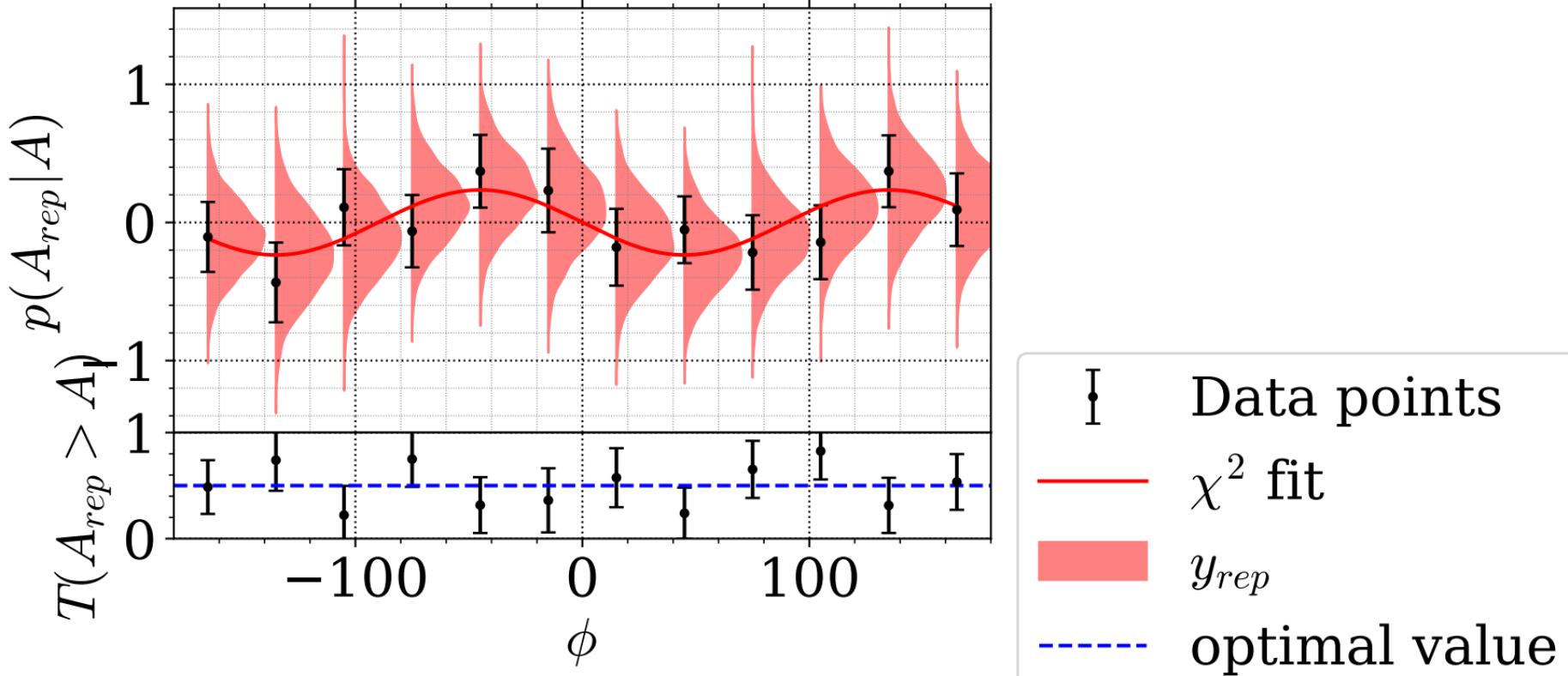


$1610 \leq E_\gamma < 1670, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$

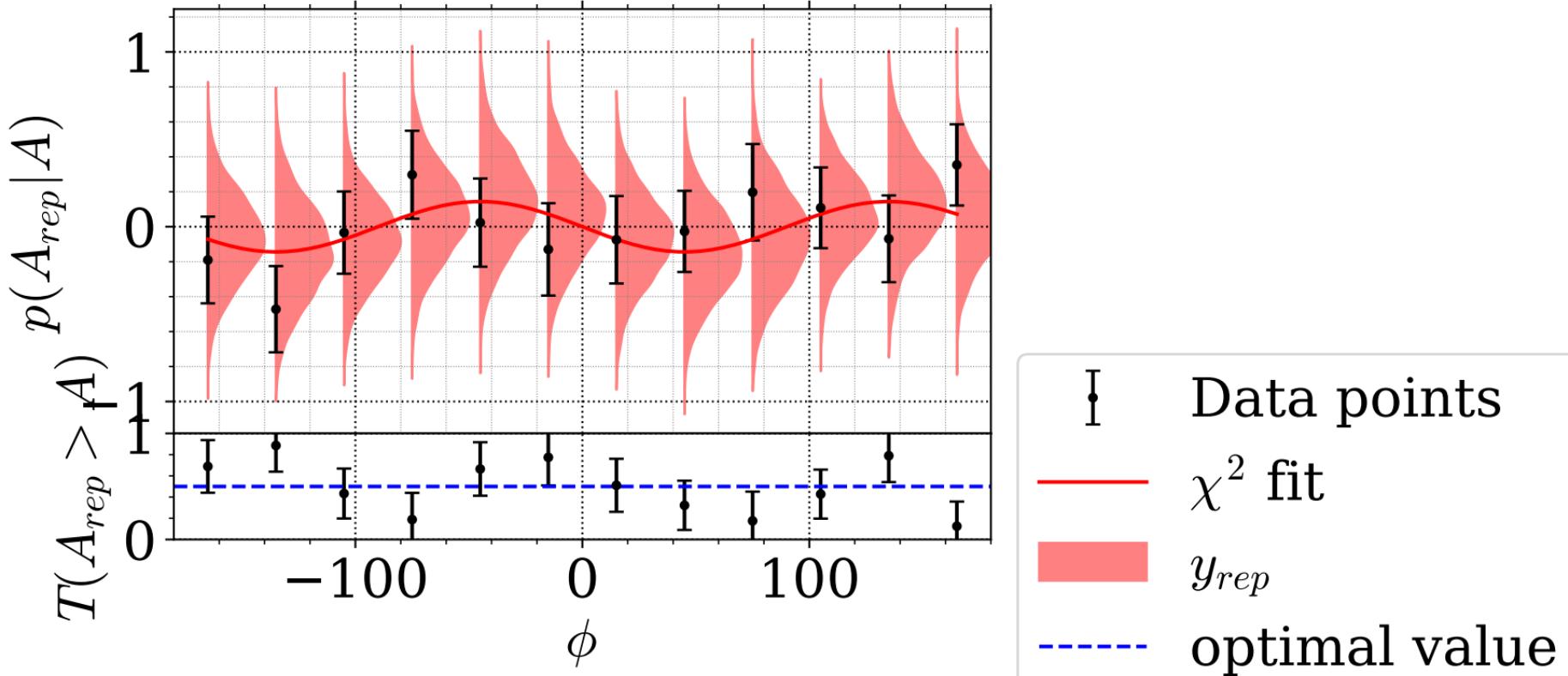


- Data points
- χ^2 fit
- y_{rep}
- optimal value

$1610 \leq E_\gamma < 1670, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$



$1610 \leq E_\gamma < 1670, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$

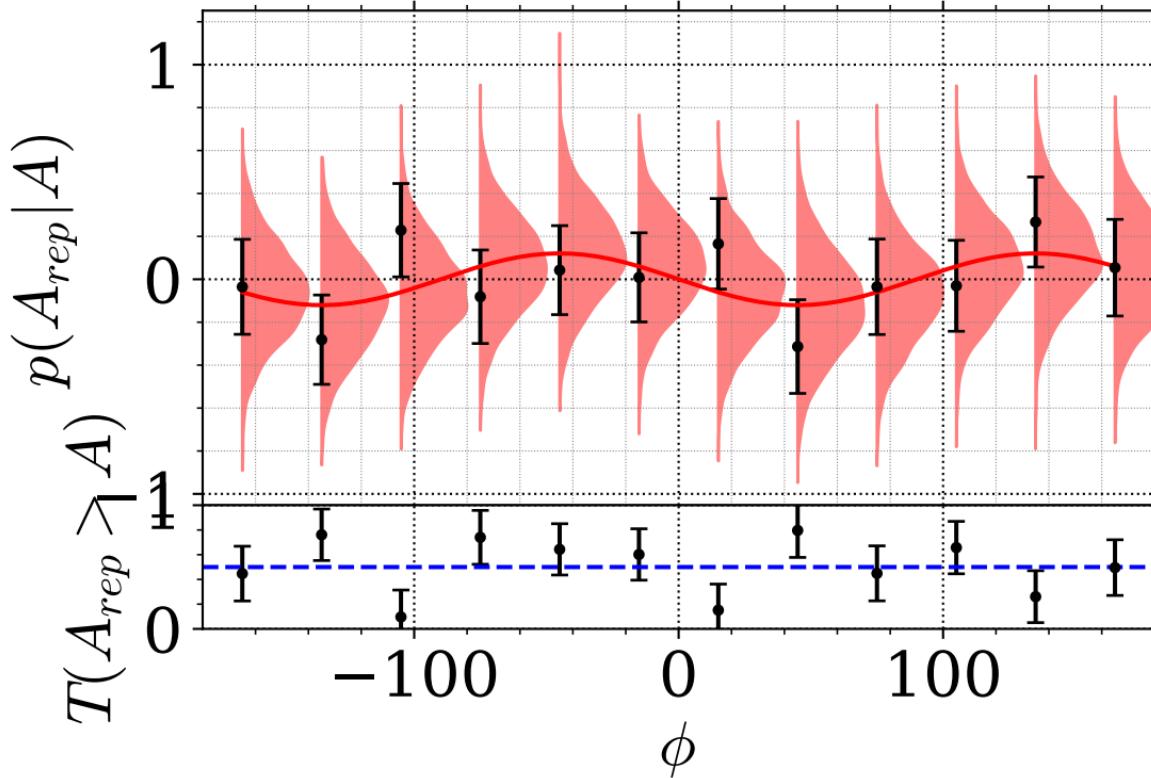


$1610 \leq E_\gamma < 1670, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$

-100

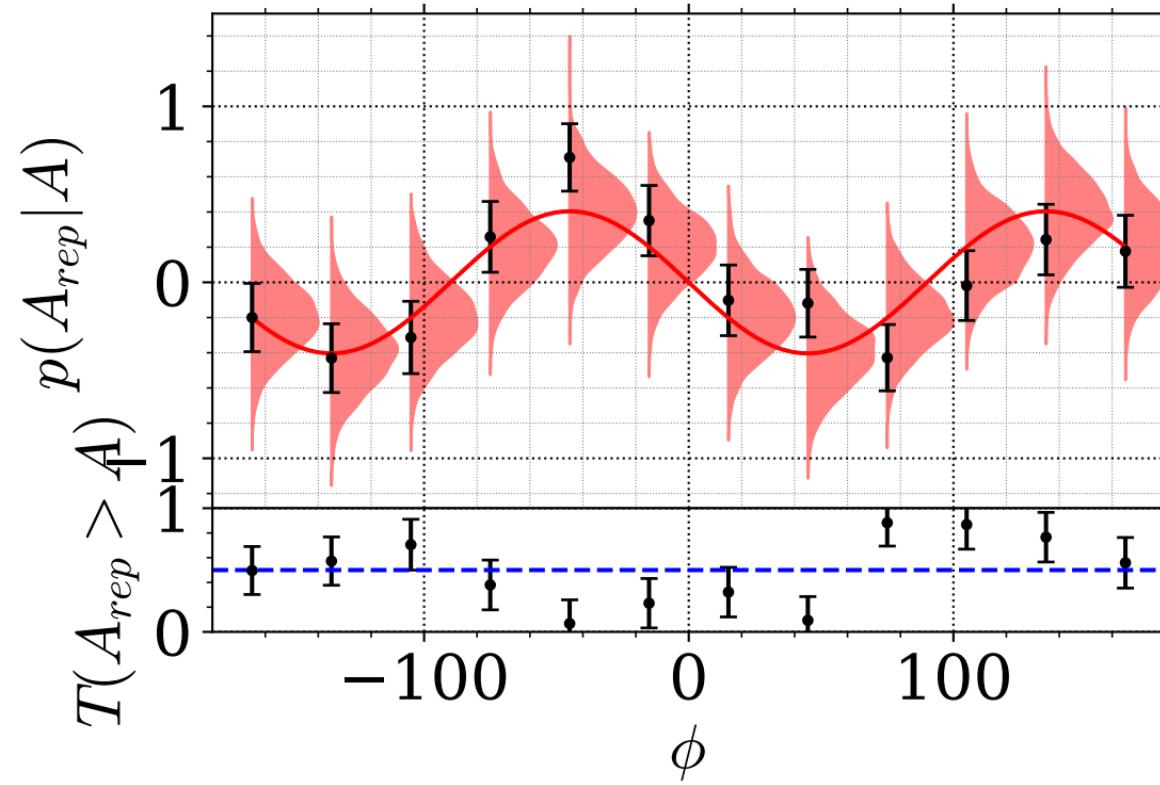
0

100



- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

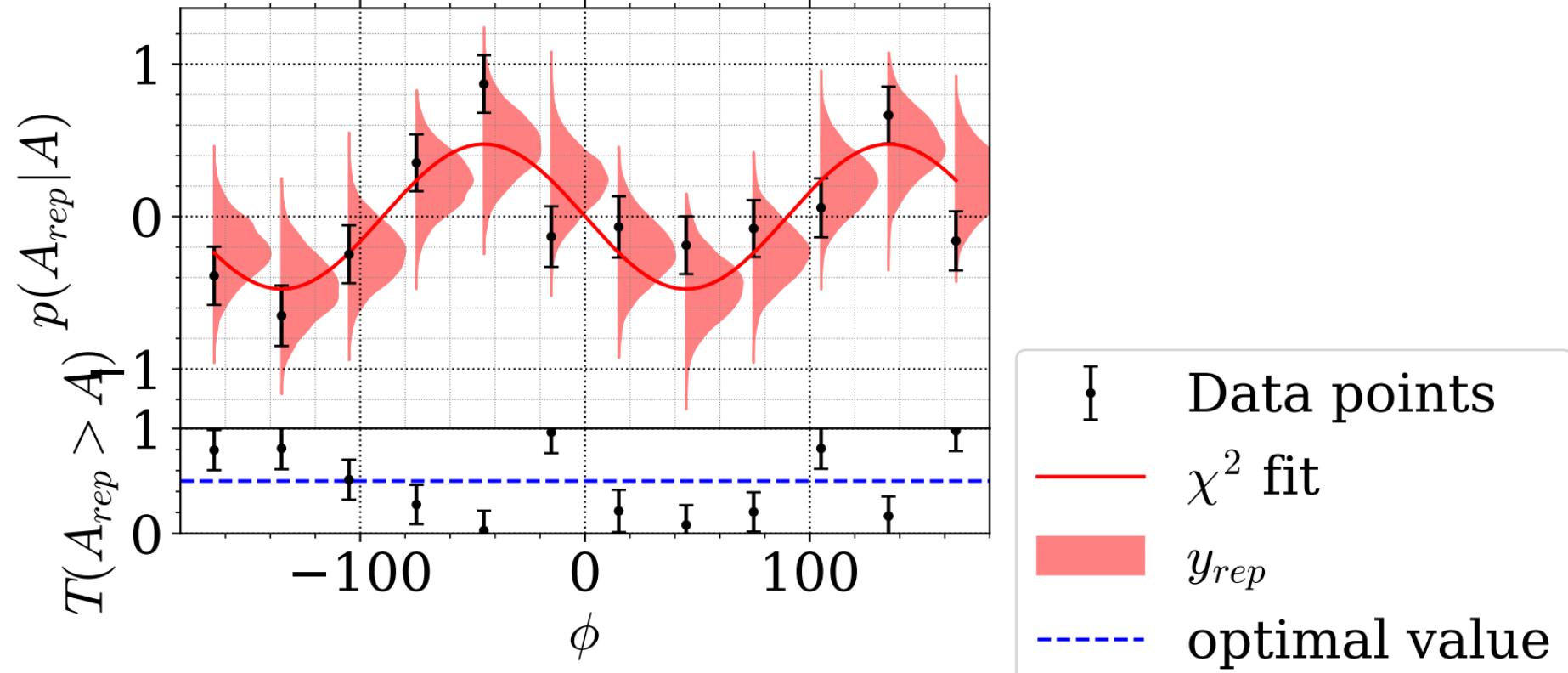
$1610 \leq E_\gamma < 1670, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$



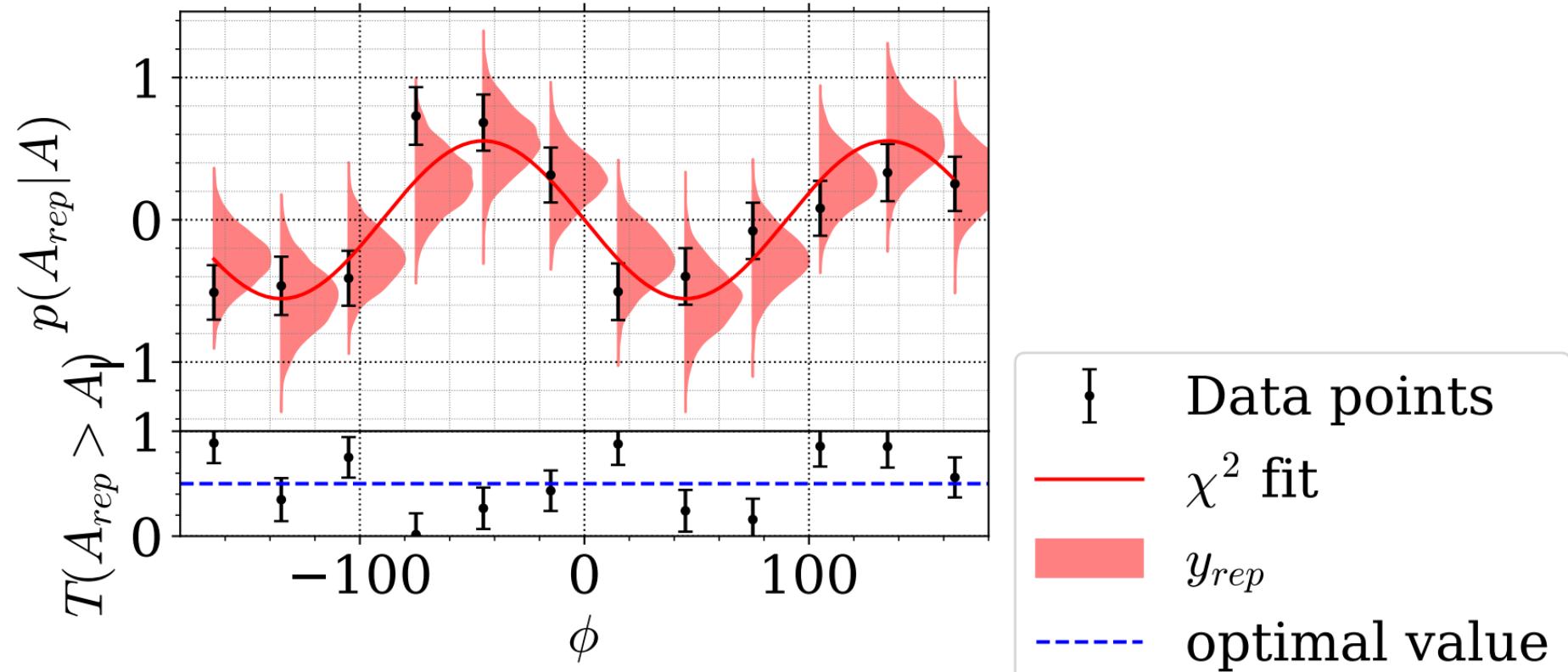
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1610 \leq E_\gamma < 1670, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$$

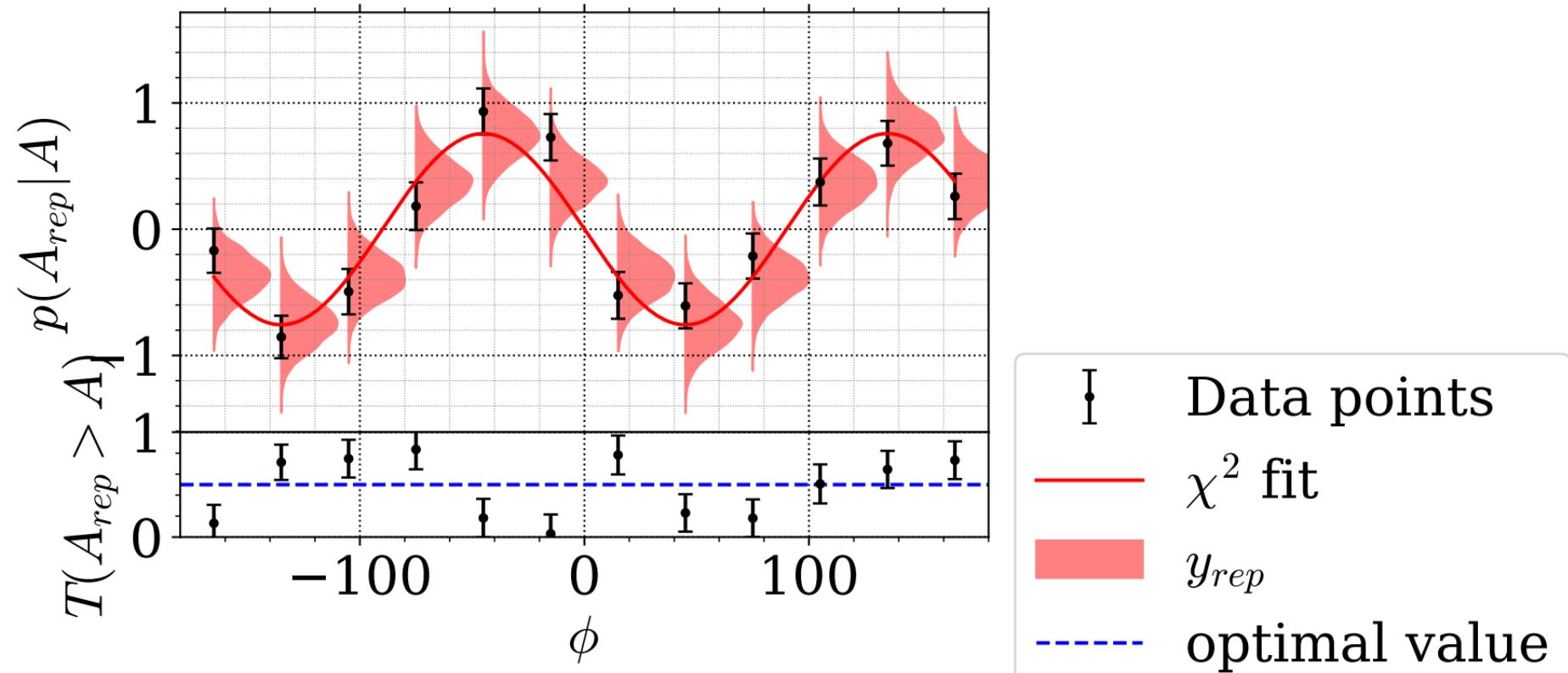
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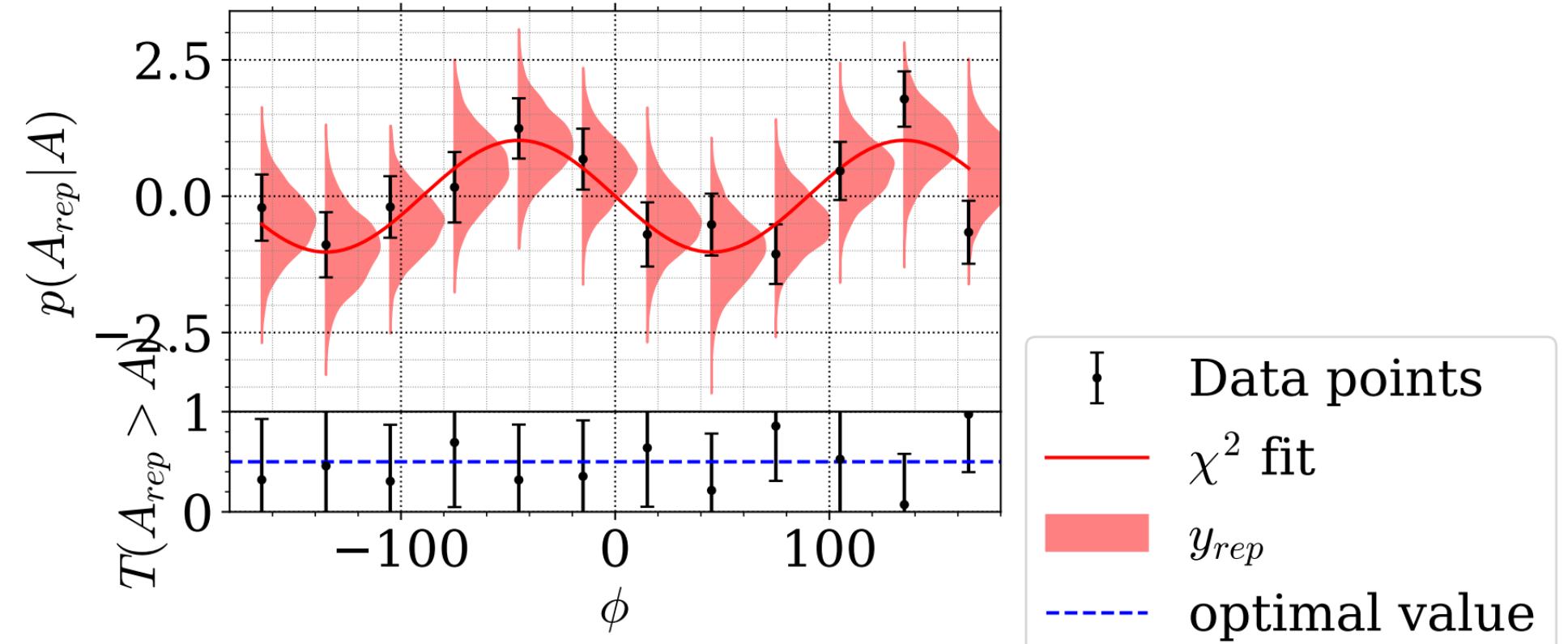
$1610 \leq E_\gamma < 1670, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$



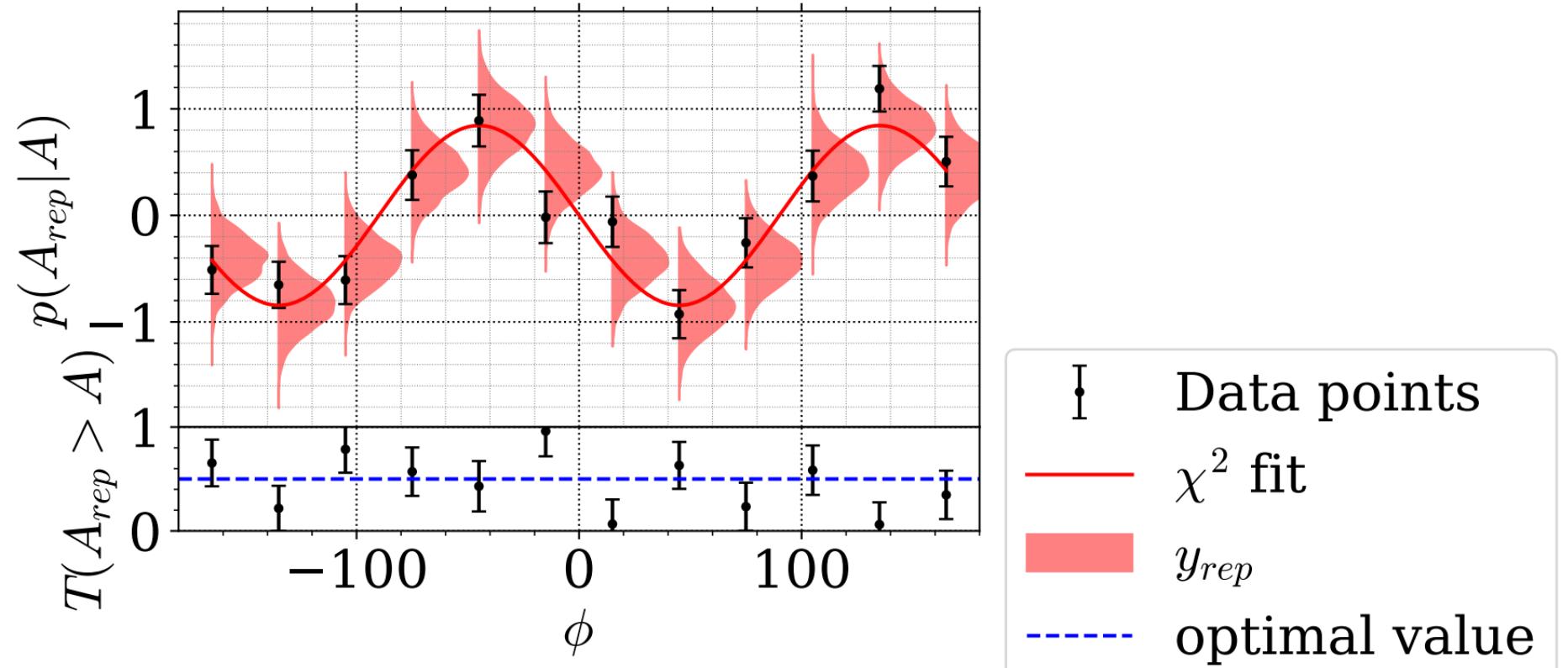
$1610 \leq E_\gamma < 1670, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$



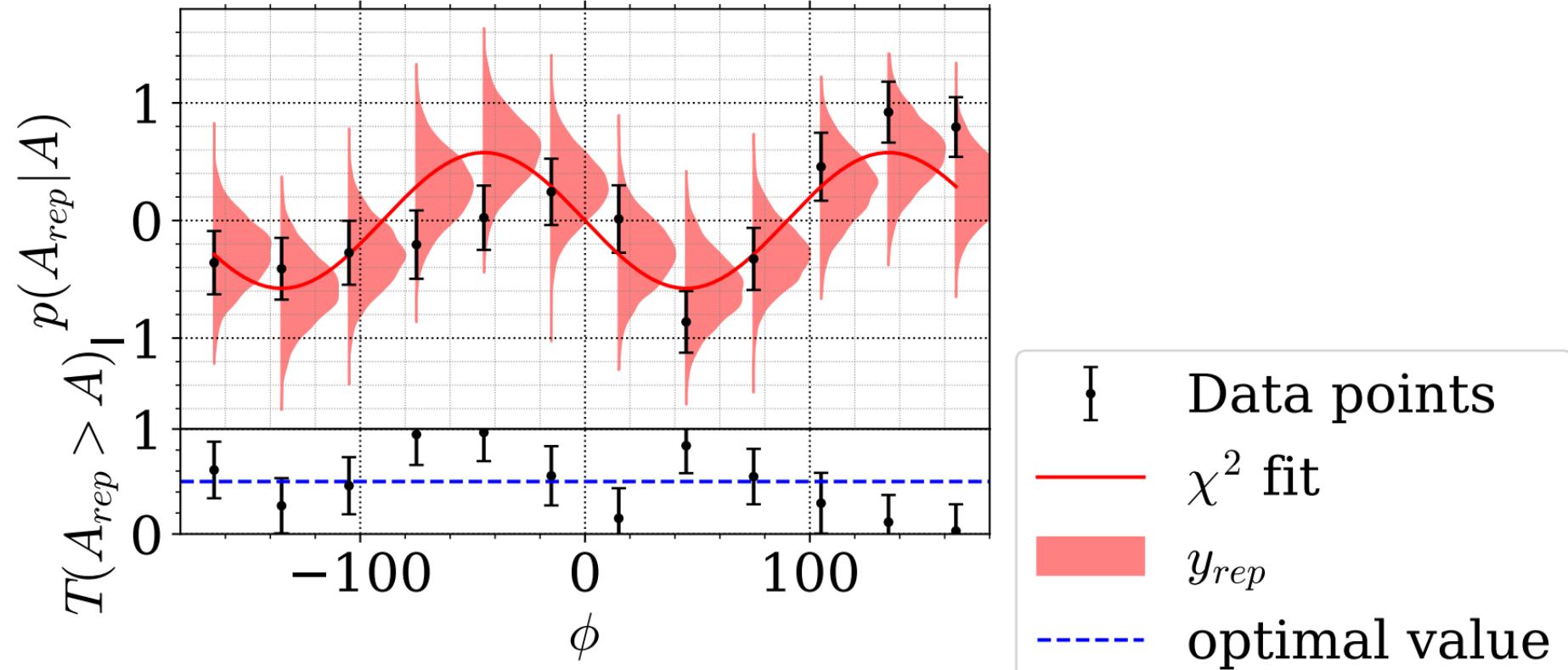
$1670 \leq E_\gamma < 1730, -1.00 \leq \cos \theta_\eta^{\text{CMS}} < -0.83$



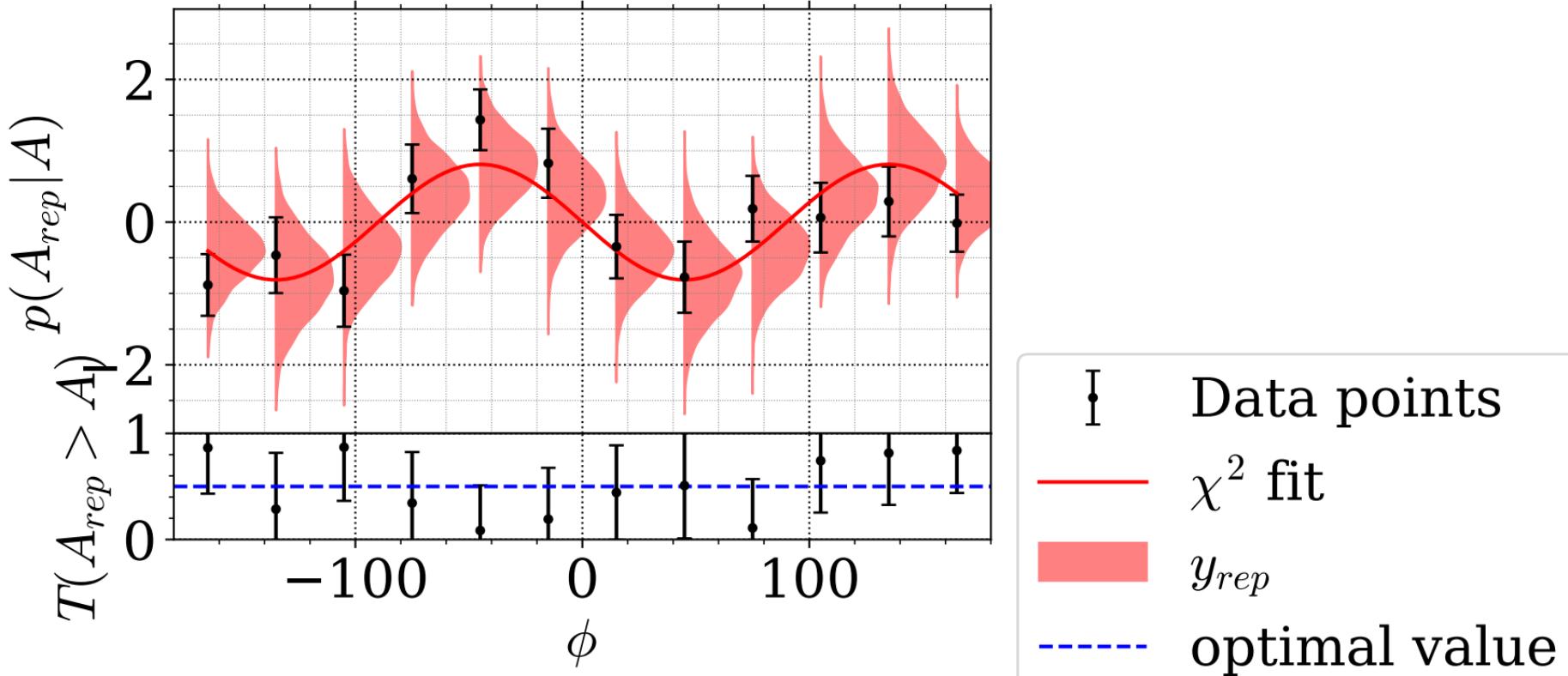
$1670 \leq E_\gamma < 1730, 0.67 \leq \cos \theta_\eta^{\text{CMS}} < 0.83$



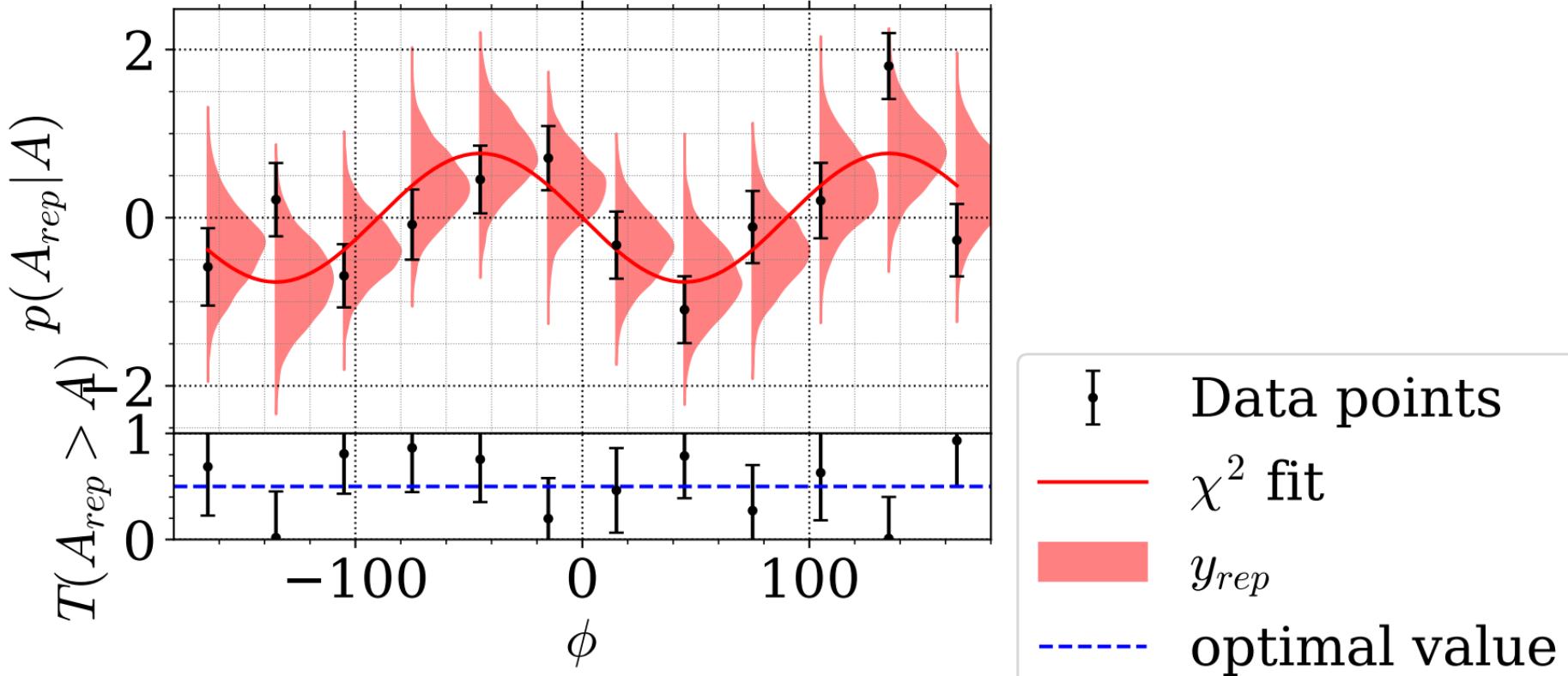
$1670 \leq E_\gamma < 1730, 0.83 \leq \cos \theta_\eta^{\text{CMS}} < 1.00$



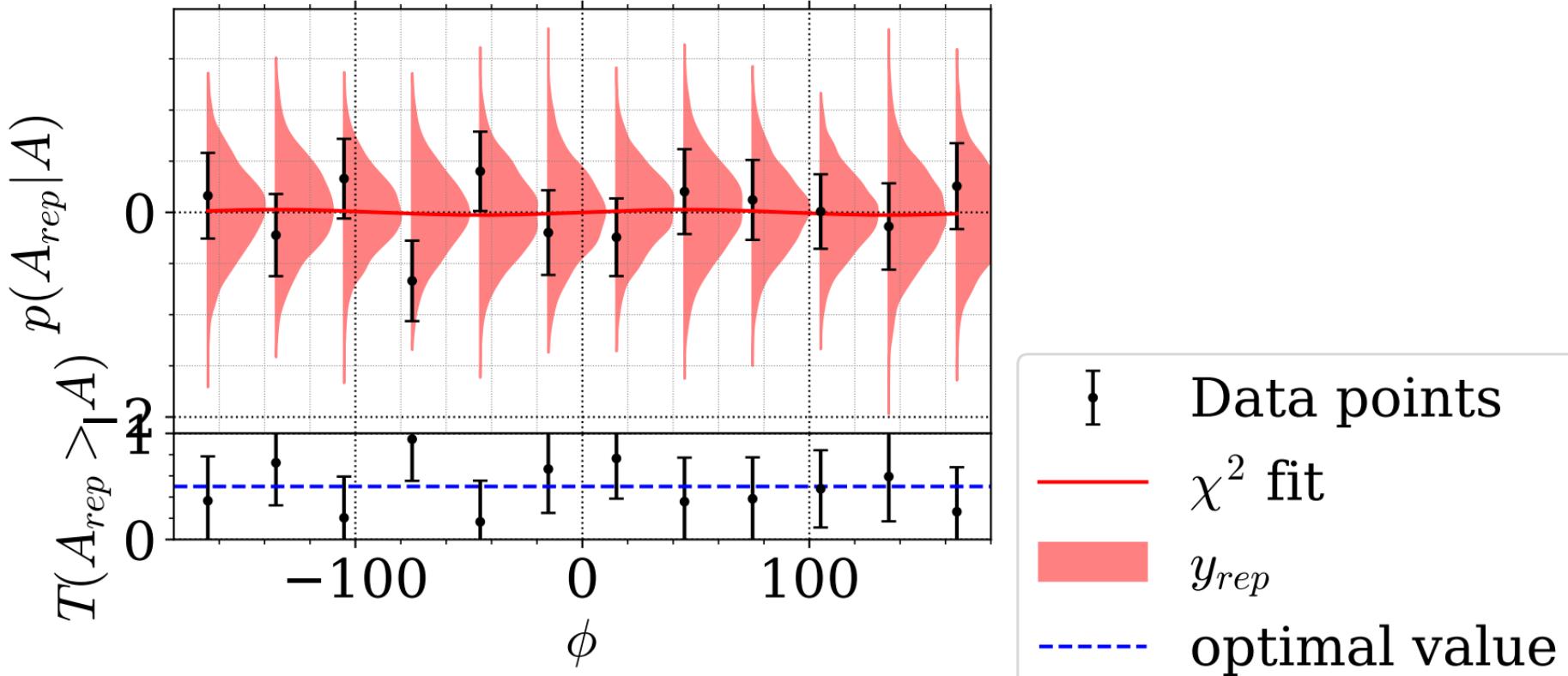
$1670 \leq E_\gamma < 1730, -0.83 \leq \cos \theta_\eta^{\text{CMS}} < -0.67$



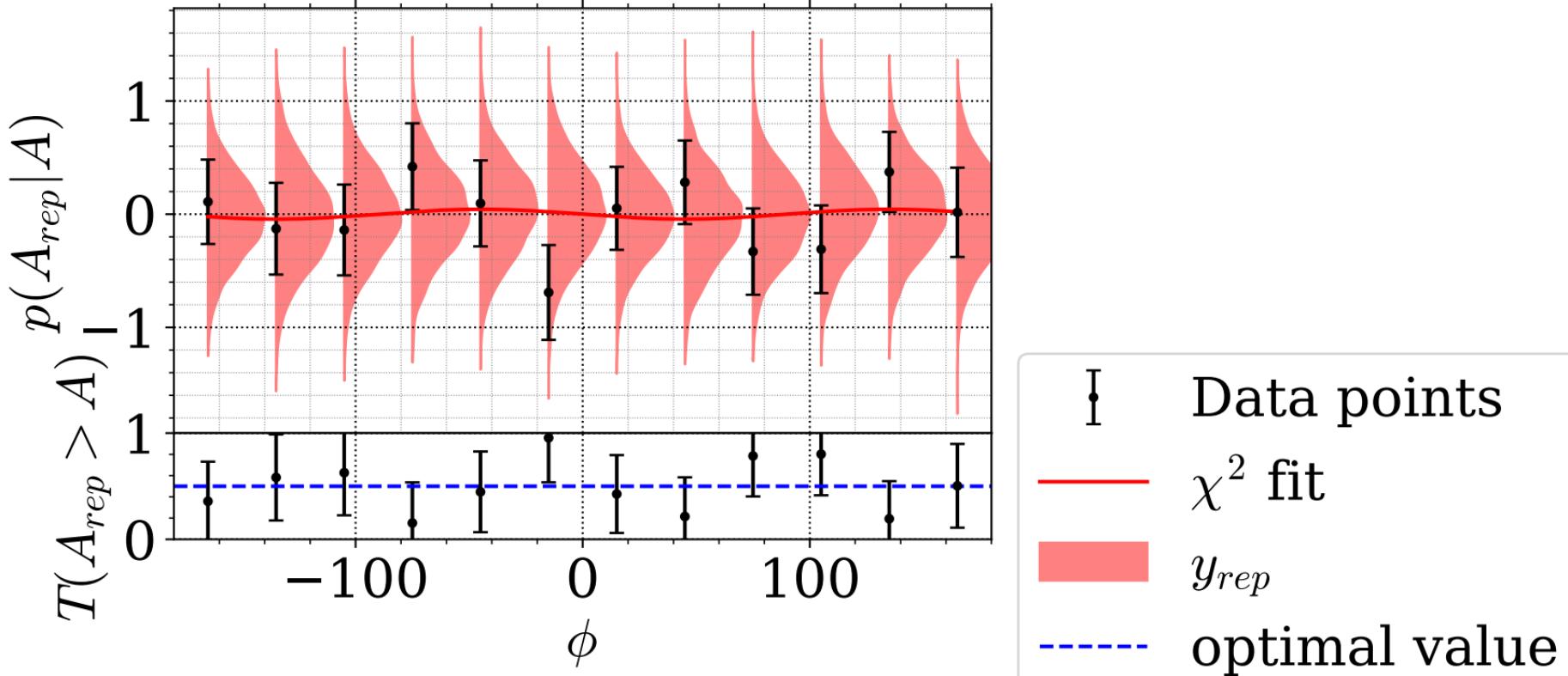
$1670 \leq E_\gamma < 1730, -0.67 \leq \cos \theta_\eta^{\text{CMS}} < -0.50$



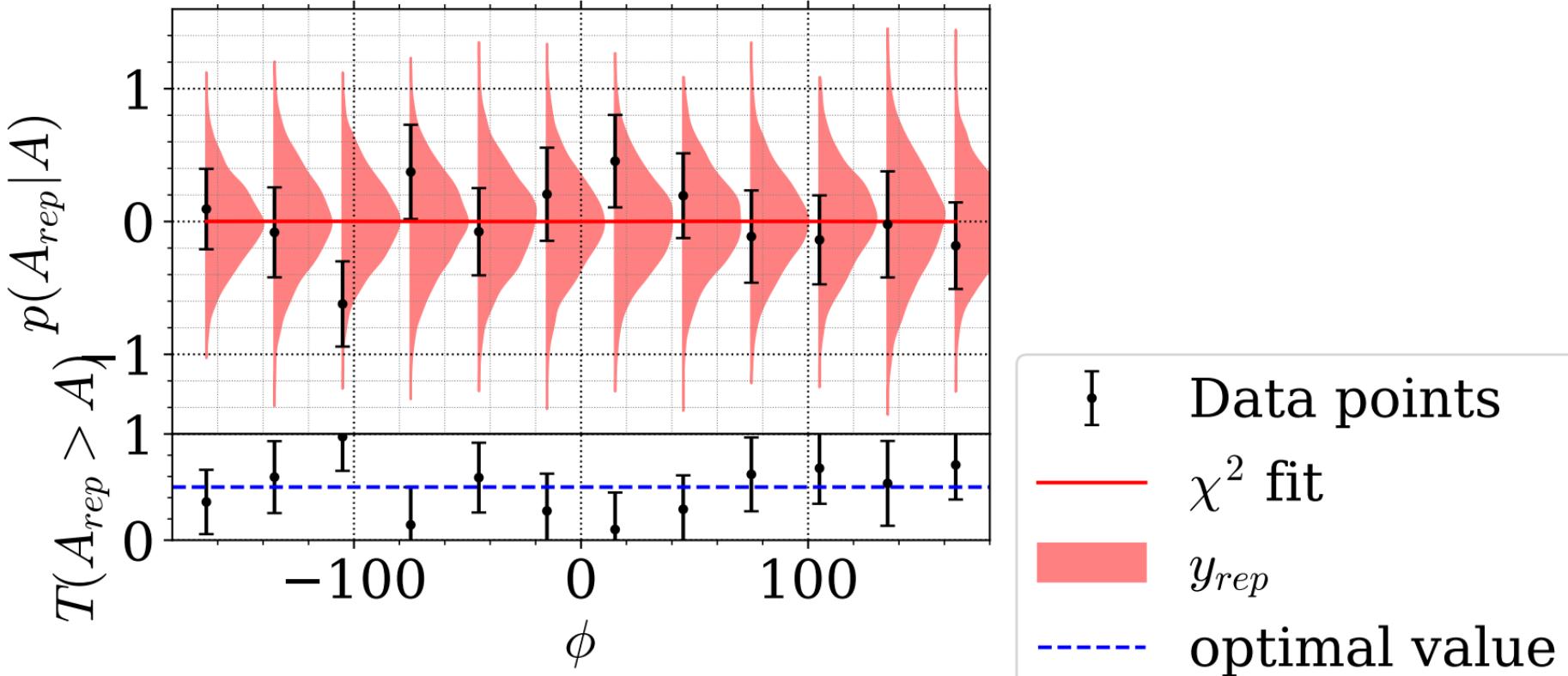
$1670 \leq E_\gamma < 1730, -0.50 \leq \cos \theta_\eta^{\text{CMS}} < -0.33$



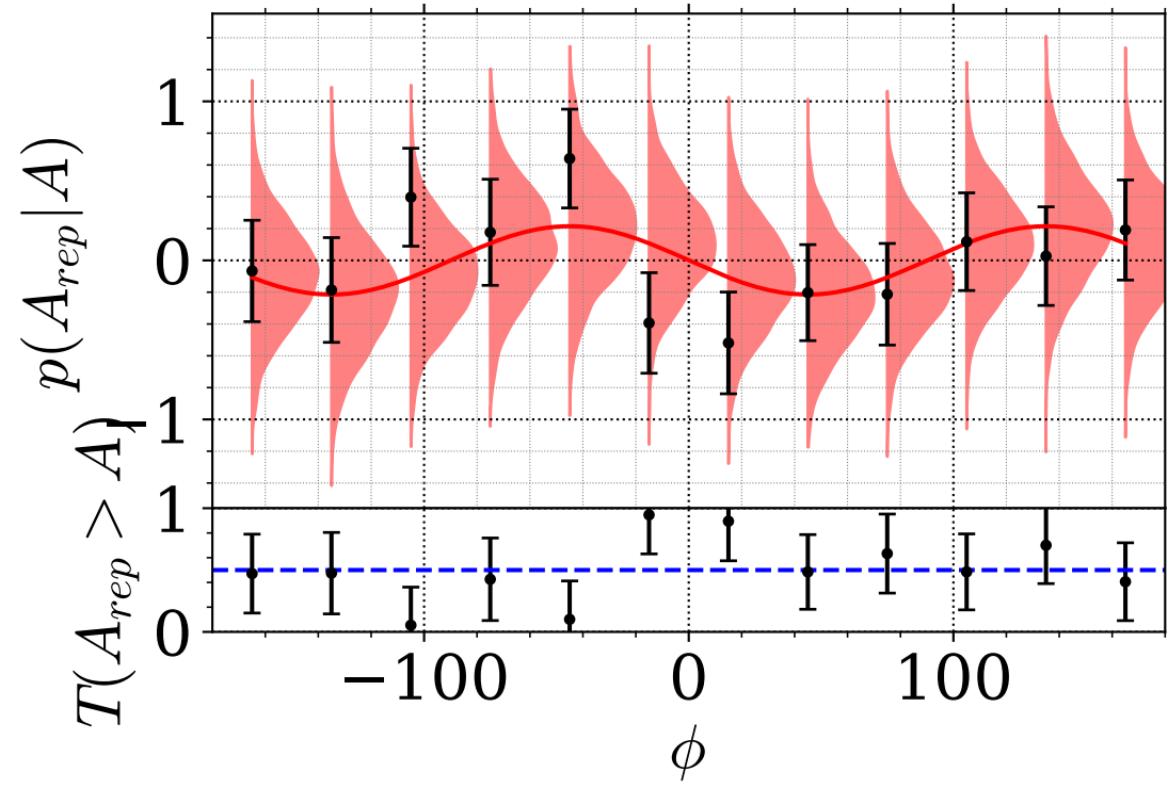
$1670 \leq E_\gamma < 1730, -0.33 \leq \cos \theta_\eta^{\text{CMS}} < -0.17$



$1670 \leq E_\gamma < 1730, -0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.00$



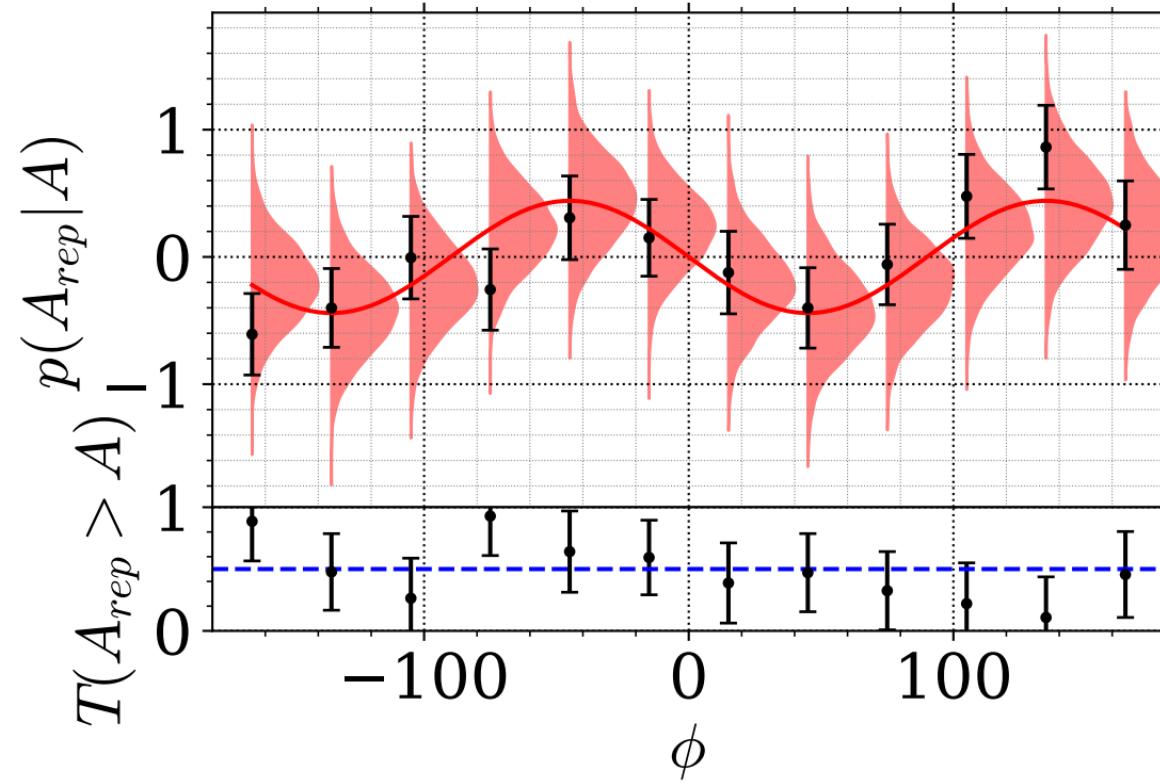
$1670 \leq E_\gamma < 1730, 0.00 \leq \cos \theta_\eta^{\text{CMS}} < 0.17$



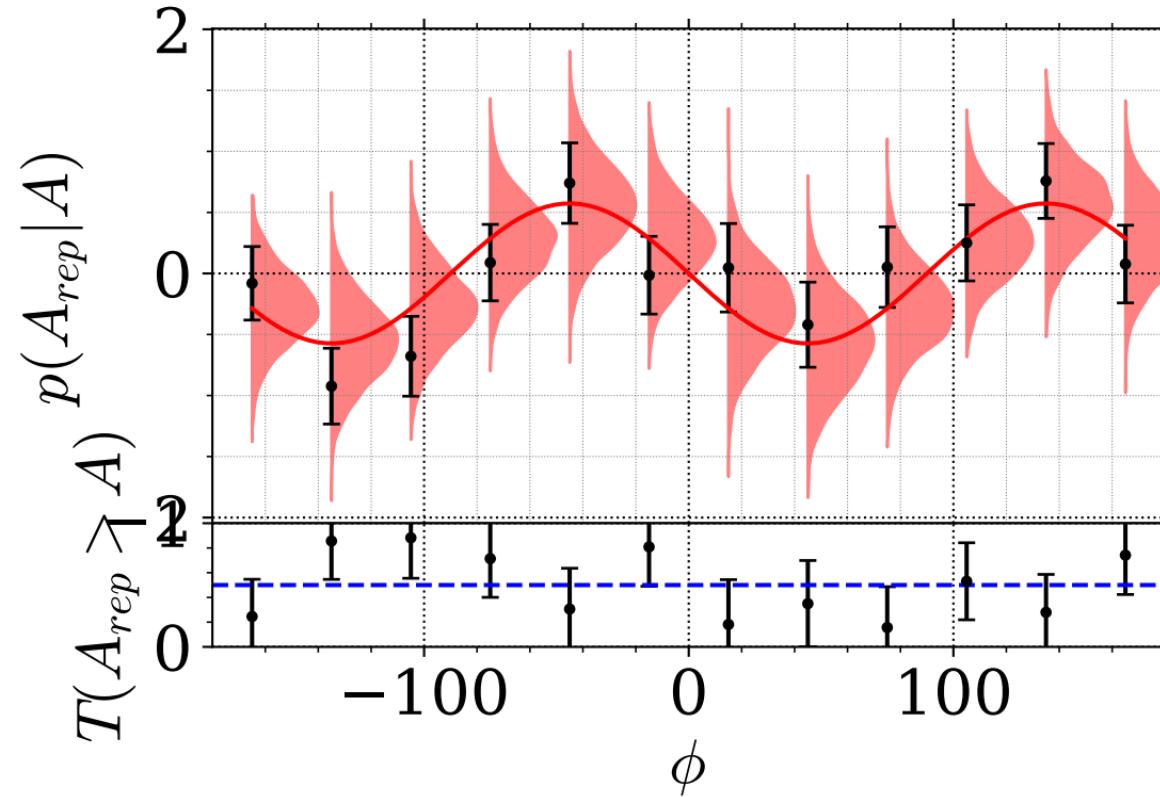
- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$$1670 \leq E_\gamma < 1730, 0.17 \leq \cos \theta_\eta^{\text{CMS}} < 0.33$$

-100 0 100



- Data points
- χ^2 fit
- y_{rep}
- optimal value

$$1670 \leq E_\gamma < 1730, 0.33 \leq \cos \theta_\eta^{\text{CMS}} < 0.50$$


- \bullet Data points
- $\textcolor{red}{—}$ χ^2 fit
- $\textcolor{red}{\square}$ y_{rep}
- $\textcolor{blue}{- - -}$ optimal value

$1670 \leq E_\gamma < 1730, 0.50 \leq \cos \theta_\eta^{\text{CMS}} < 0.67$

