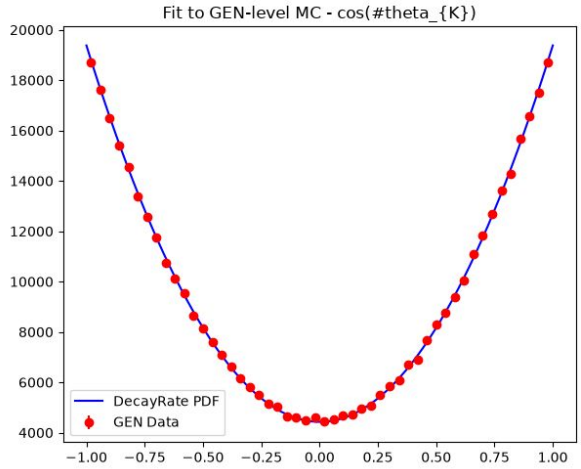
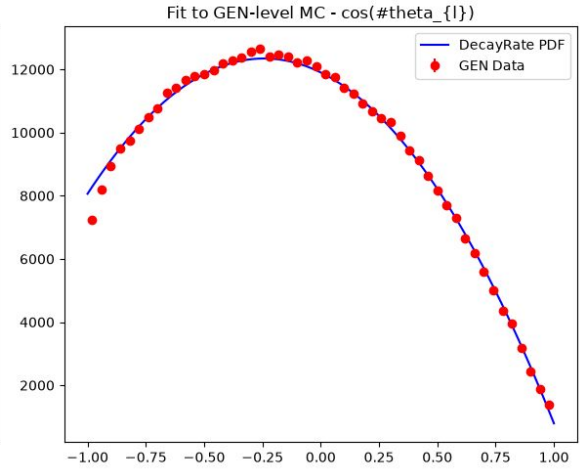
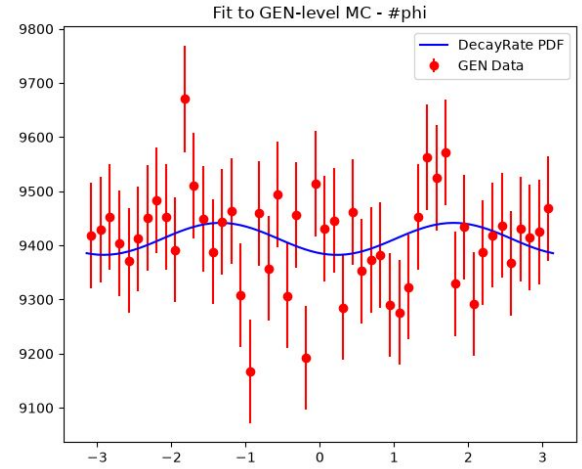
Flavour Anomalies:
Angular Analysis of $B^0 \to K^{*0}(892)\,\mu^+\mu^-$ Decay Channel
Bi-weekly Meeting

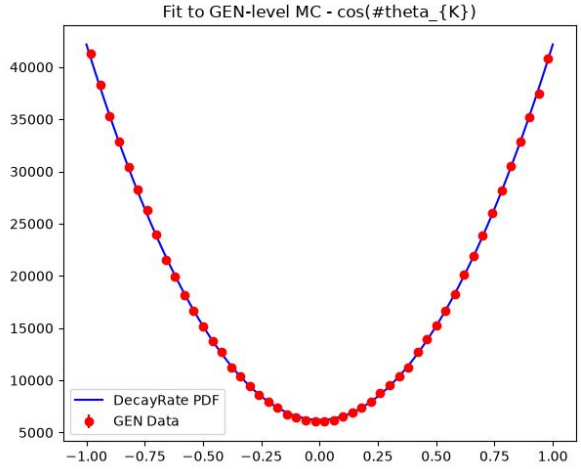
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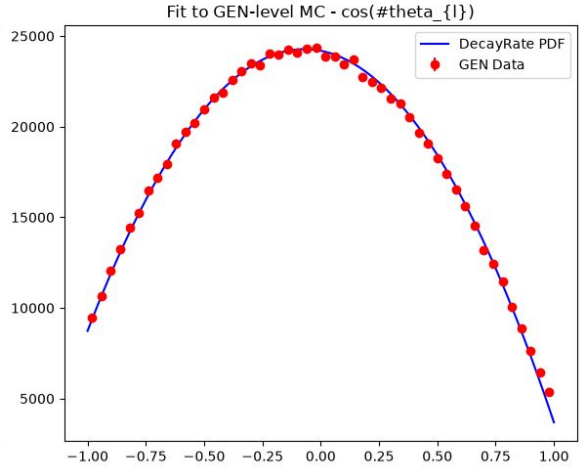
9 de setembro de 2026

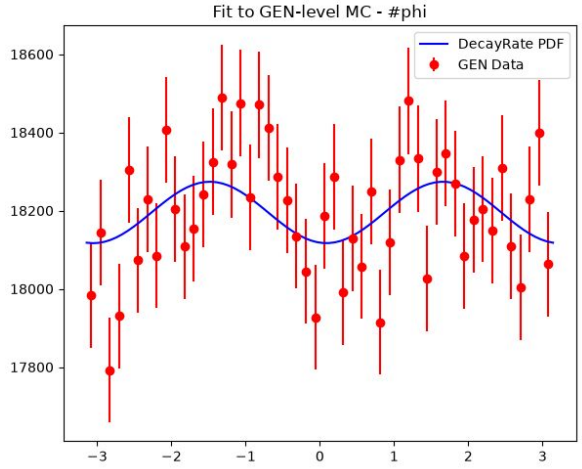

Fit to GEN-level MC - cos(#theta_{K})
DecayRate PDF
GEN Data

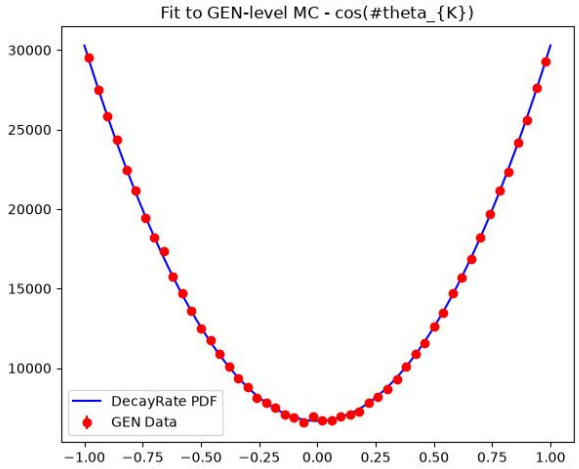

Fit to GEN-level MC - cos(#theta_{l})
DecayRate PDF
GEN Data

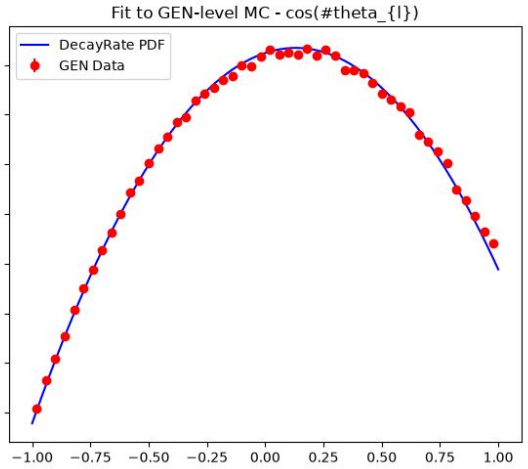

Fit to GEN-level MC - #phi
DecayRate PDF
GEN Data

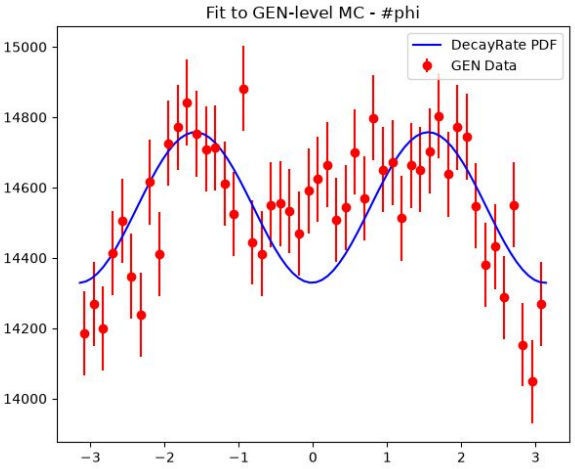

Fit to GEN-level MC - cos(#theta_{K})
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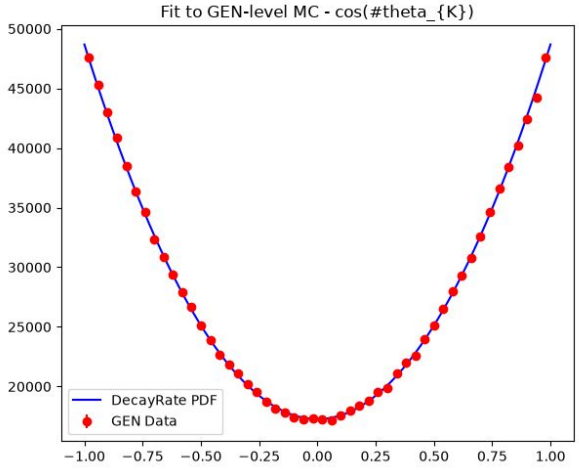

Fit to GEN-level MC - cos(#theta_{l})
DecayRate PDF
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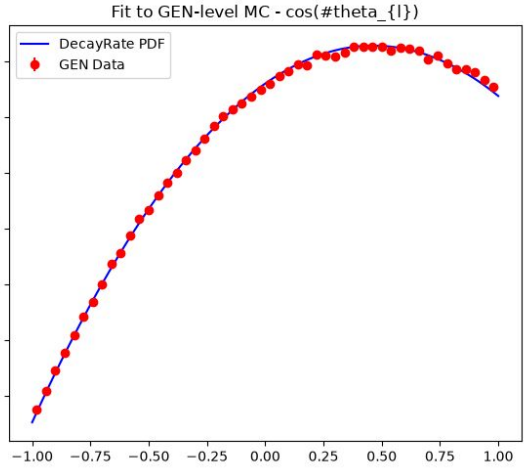

Fit to GEN-level MC - #phi
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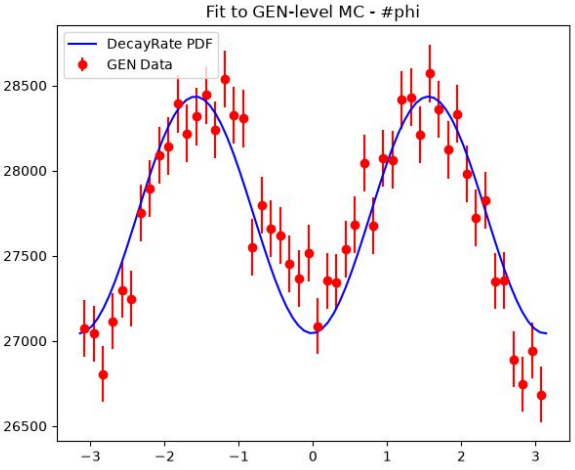

Fit to GEN-level MC - cos(#theta_{K})
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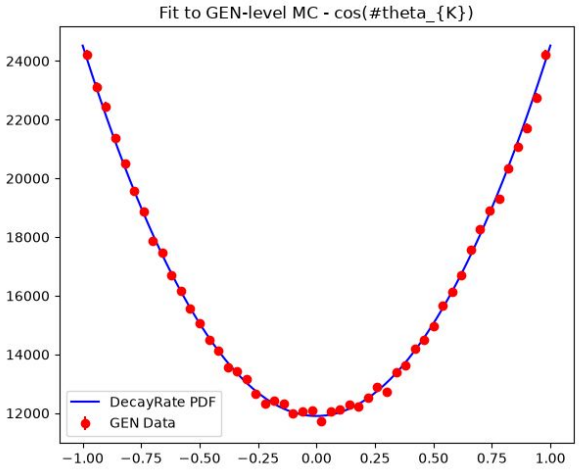

Fit to GEN-level MC - cos(#theta_{l})
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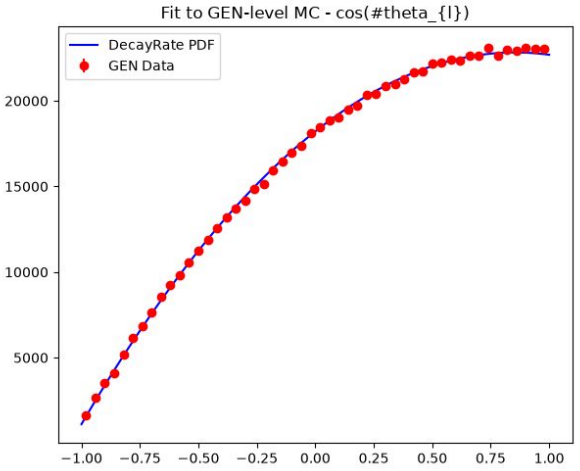

Fit to GEN-level MC - #phi
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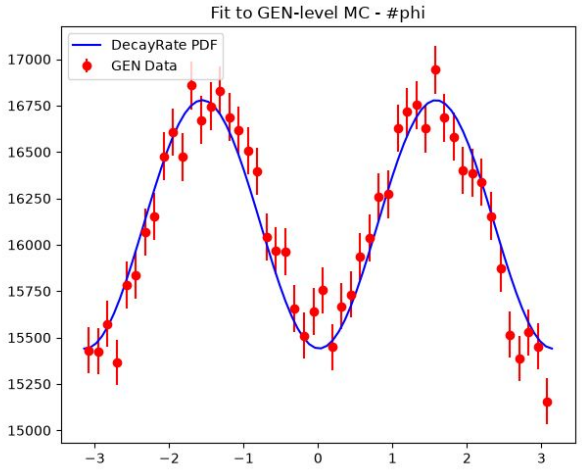

Fit to GEN-level MC - cos(#theta_{K})
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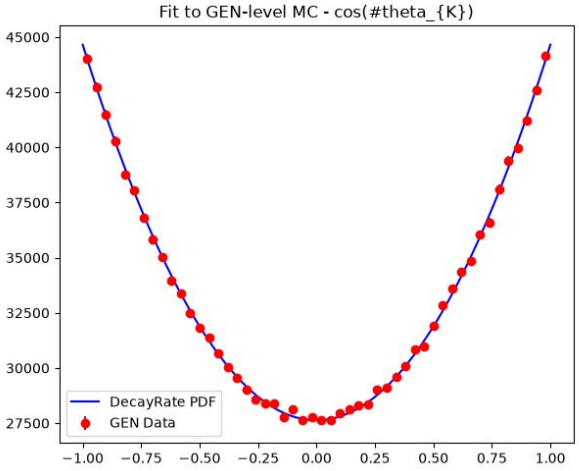

Fit to GEN-level MC - cos(#theta_{l})
DecayRate PDF
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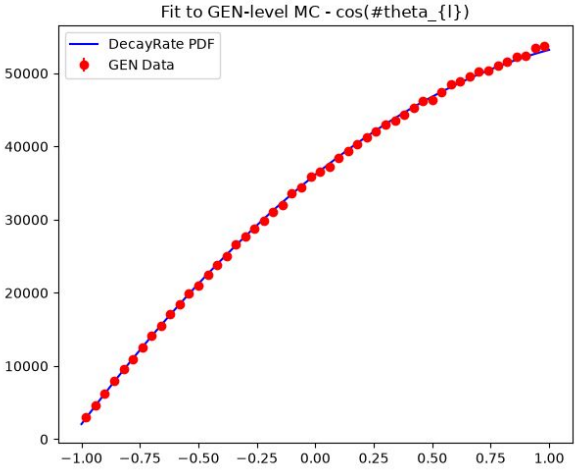

Fit to GEN-level MC - #phi
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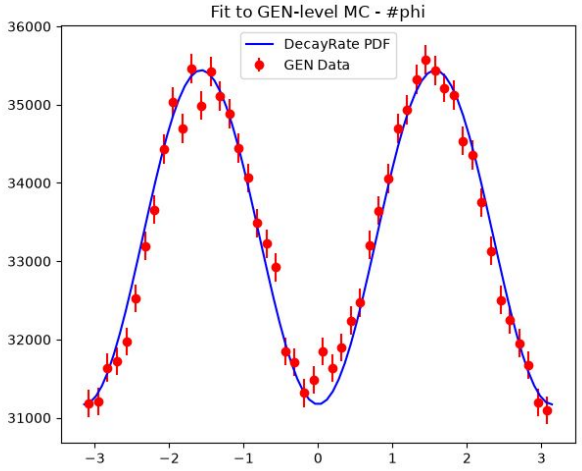

Fit to GEN-level MC - cos(#theta_{K})
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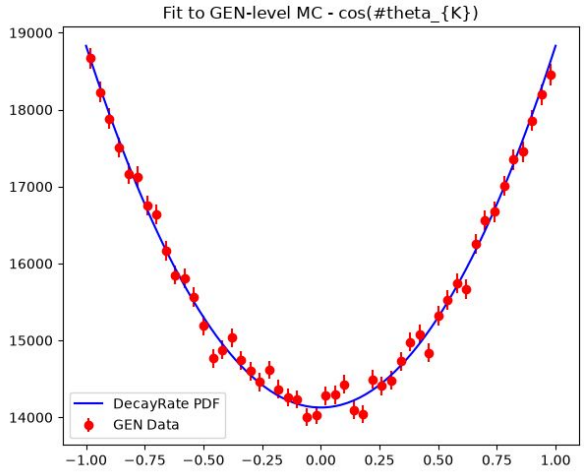

Fit to GEN-level MC - cos(#theta_{l})
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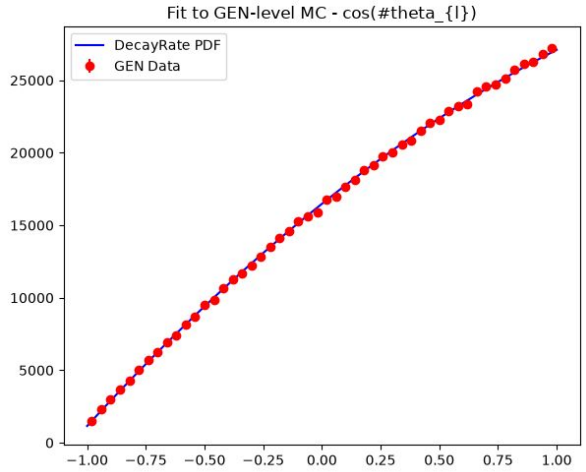

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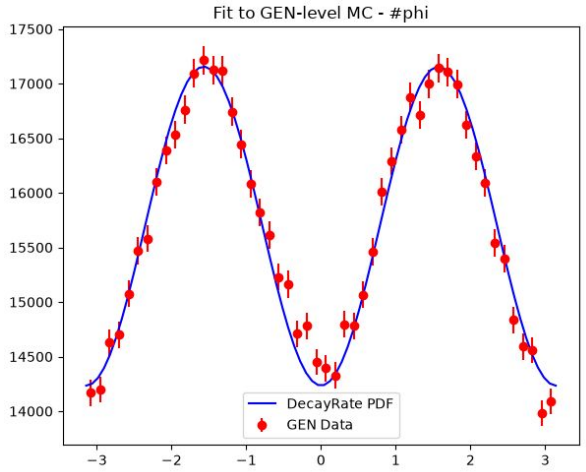

Fit to GEN-level MC - cos(#theta_{K})
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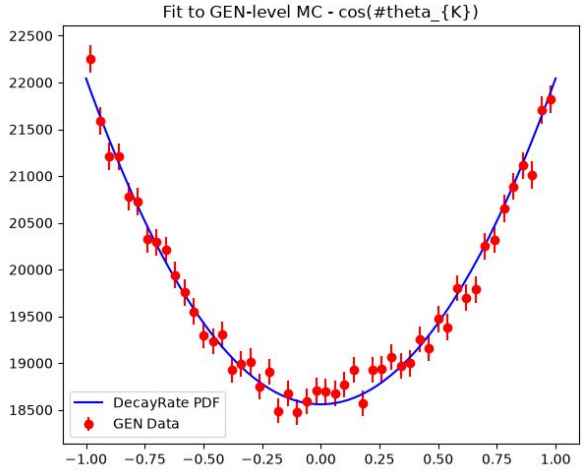

Fit to GEN-level MC - cos(#theta_{l})
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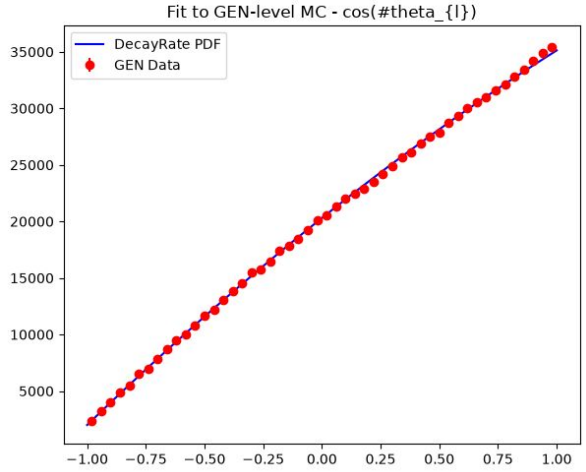

Fit to GEN-level MC - #phi
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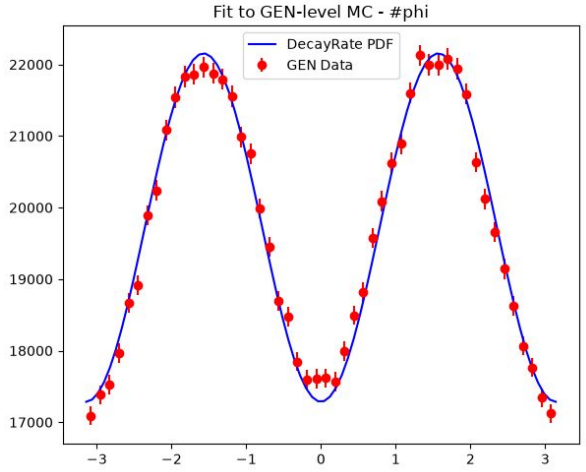

Fit to GEN-level MC - cos(#theta_{K})
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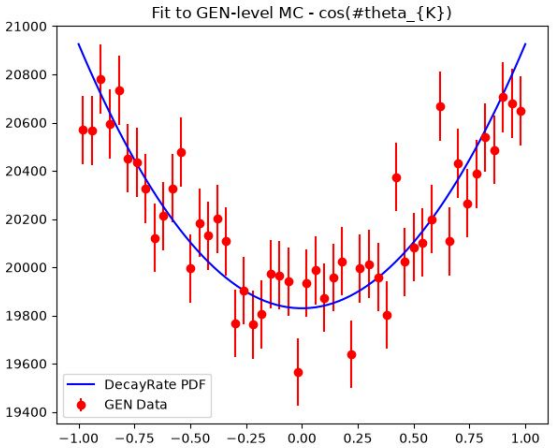

Fit to GEN-level MC - cos(#theta_{l})
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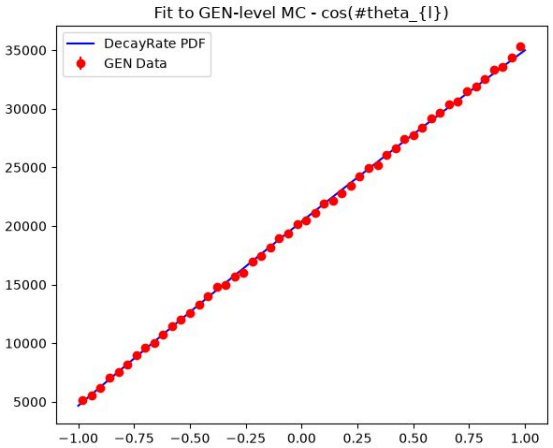

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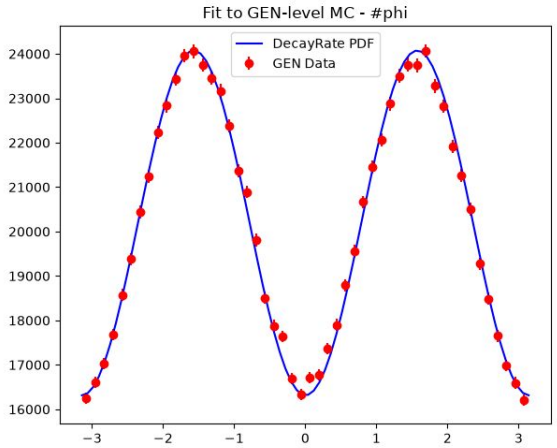

Fit to GEN-level MC - cos(#theta_{K})
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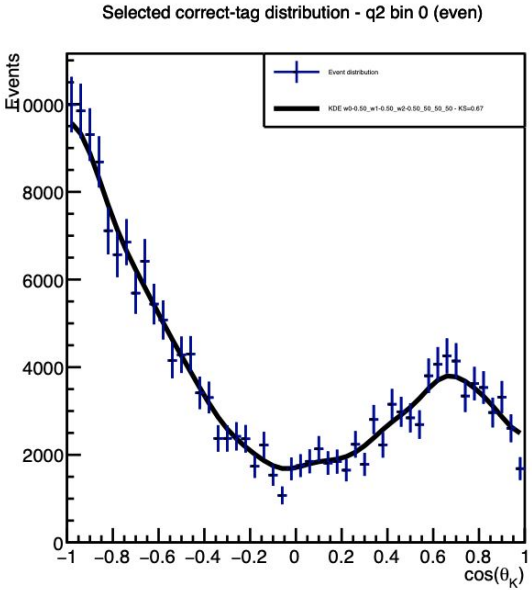

Fit to GEN-level MC - cos(#theta_{l})
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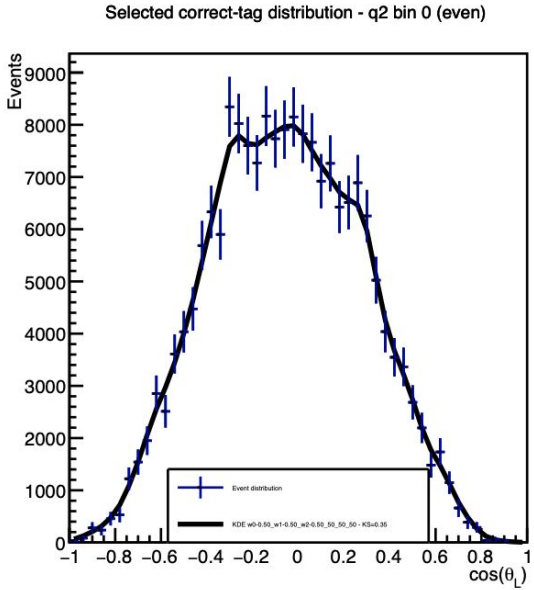

Fit to GEN-level MC - #phi
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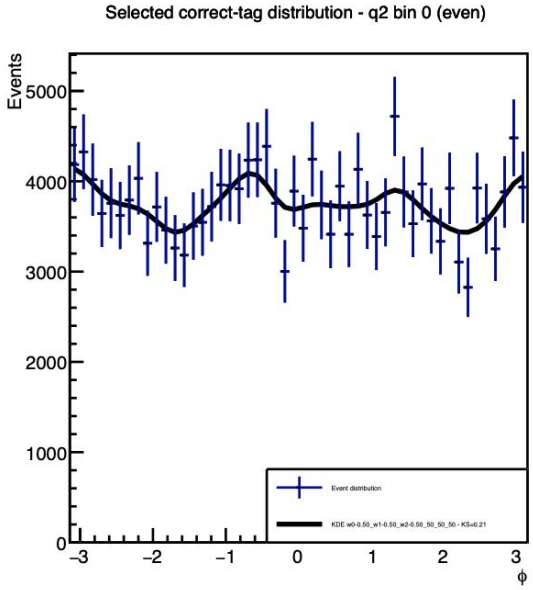

Fit to GEN-level MC - cos(#theta_{K})
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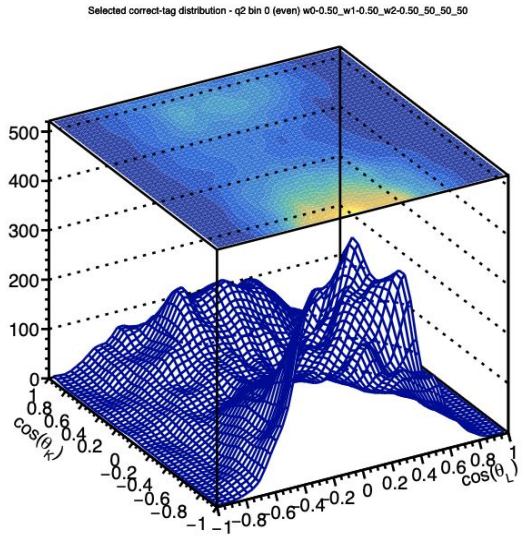

Fit to GEN-level MC - cos(#theta_{l})
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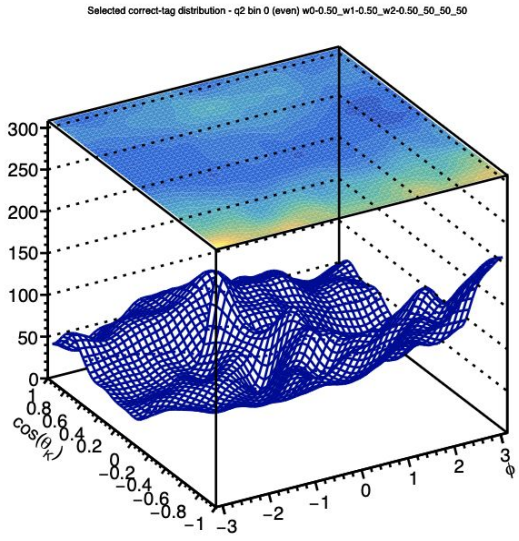

Fit to GEN-level MC - #phi
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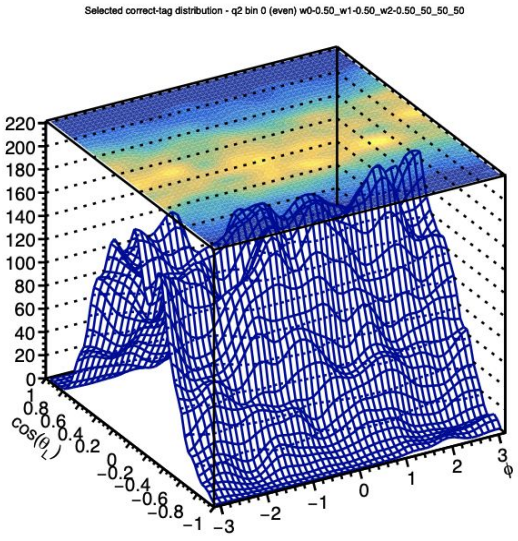

Selected correct-tag distribution - q2 bin 0 (even)
Events
Event distribution
KDE w0-0.50_w1-0.50_w2-0.50_50_50_50 - KS=0.67
cos(θK)


Selected correct-tag distribution - q2 bin 0 (even)
Events
Event distribution
KDE w0-0.50_w1-0.50_w2-0.50_50_50_50 - KS=0.35
cos(θL)


Selected correct-tag distribution - q2 bin 0 (even)
Events
Event distribution
KDE w0-0.50_w1-0.50_w2-0.50_50_50_50 - KS=0.21
ϕ


Selected correct-tag distribution - q2 bin 0 (even) w0-0.50_w1-0.50_w2-0.50_50_50_50
cos(θK)
cos(θL)


Selected correct-tag distribution - q2 bin 0 (even) w0-0.50_w1-0.50_w2-0.50_50_50_50
cos(θK)
φ


Selected correct-tag distribution - q2 bin 0 (even) w0-0.50_w1-0.50_w2-0.50_50_50_50
cos(θL)
φ