Table 1: Percent Δ acceptance. Shown as (electron channel, muon channel)

Systematic	**RSG m500**	**RSG m750**	**RSG m1000**	**RSG m1250**	**RSG m1500**
JES	(3.92 , 3.96)	(2.20 , 1.60)	(2.57 , 2.32)	(2.86 , 2.44)	(3.65 , 3.24)
JER	(0.85 , 0.98)	(0.13 , 0.37)	(0.26 , 0.49)	(0.22 , 0.76)	(0.66 , 0.66)
LES	(0.05 , 0.05)	(0.05 , 0.28)	(0.03 , 0.18)	(0.03 , 0.24)	(0.07 , 0.51)
LER	(0.08 , 0.32)	(0.07 , 0.39)	(0.02 , 0.91)	(0.03 , 1.81)	(0.03 , 2.19)
All Clusters	(0.03 , 0.17)	(0.05 , 0.30)	(0.06 , 0.18)	(0.02 , 0.28)	(0.07 , 0.50)
Met PileUp	(0.03 , 0.19)	(0.03 , 0.29)	(0.05 , 0.14)	(0.02 , 0.24)	(0.07 , 0.50)
ID SF	(0.88 , 0.04)	(0.88 , 0.04)	(0.88 , 0.04)	(0.89 , 0.04)	(0.87 , 0.04)
Reco SF	(0.88 , 0.36)	(0.88 , 0.39)	(0.88 , 0.41)	(0.88 , 0.43)	(0.91 , 0.47)
Trigger SF	(0.56 , 1.74)	(0.56 , 1.73)	(0.56 , 1.73)	(0.56 , 1.73)	(0.55 , 1.74)
Iso SF	(2.00 , 1.00)	(2.00 , 1.00)	(2.00 , 1.00)	(2.00 , 1.00)	(2.00 , 1.00)
Signal PDF	(5.00 , 5.00)	(5.00 , 5.00)	(5.00 , 5.00)	(5.00 , 5.00)	(5.00 , 5.00)
Luminosity	(3.90 , 3.90)	(3.90 , 3.90)	(3.90 , 3.90)	(3.90 , 3.90)	(3.90 , 3.90)
MJ Normalization	(− , −)	(− , −)	(− , −)	(− , −)	(− , −)
V+jets	(nan , nan)	(nan , nan)	(nan , nan)	(nan , nan)	(nan , nan)

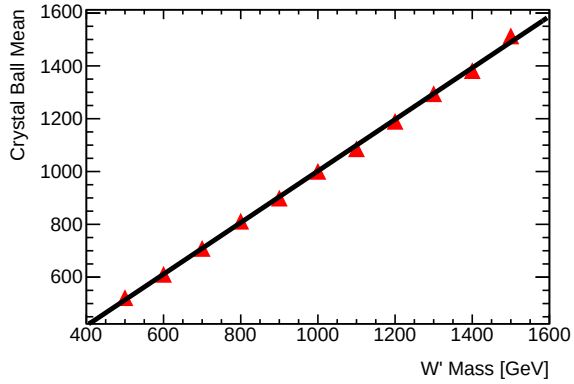
Table 2: Percent Δ acceptance. Shown as (electron channel, muon channel)

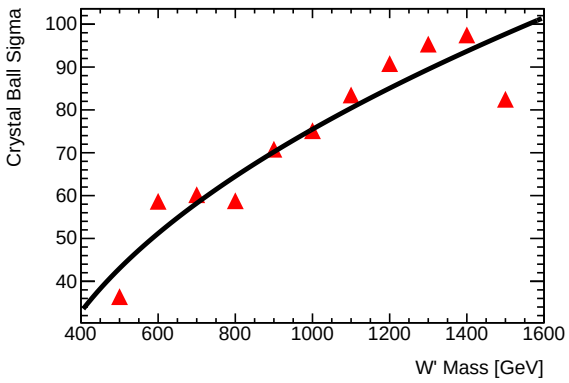
Systematic	**Wprime m600**	**Wprime m800**	**Wprime m1000**	**Wprime m1200**	**Wprime m1400**
JES	(1.97 , 2.63)	(1.47 , 0.91)	(1.96 , 2.38)	(2.65 , 2.99)	(3.40 , 2.75)
JER	(0.39 , 0.17)	(0.51 , 0.17)	(0.34 , 1.26)	(0.59 , 1.01)	(0.72 , 1.34)
LES	(0.02 , 0.33)	(0.02 , 0.09)	(0.00 , 0.00)	(0.00 , 0.05)	(0.00 , 0.39)
LER	(0.01 , 0.52)	(0.02 , 0.91)	(0.05 , 0.80)	(0.04 , 1.43)	(0.00 , 2.17)
All Clusters	(0.02 , 0.24)	(0.02 , 0.11)	(0.00 , 0.04)	(0.00 , 0.04)	(0.03 , 0.43)
Met PileUp	(0.02 , 0.24)	(0.02 , 0.11)	(0.00 , 0.04)	(0.00 , 0.05)	(0.03 , 0.39)
ID SF	(0.89 , 0.04)	(0.88 , 0.04)	(0.87 , 0.04)	(0.88 , 0.04)	(0.87 , 0.04)
Reco SF	(0.86 , 0.38)	(0.88 , 0.40)	(0.88 , 0.42)	(0.88 , 0.44)	(0.89 , 0.46)
Trigger SF	(0.56 , 1.72)	(0.56 , 1.74)	(0.55 , 1.75)	(0.56 , 1.76)	(0.56 , 1.76)
Iso SF	(2.00 , 1.00)	(2.00 , 1.00)	(2.00 , 1.00)	(2.00 , 1.00)	(2.00 , 1.00)
Signal PDF	(5.00 , 5.00)	(5.00 , 5.00)	(5.00 , 5.00)	(5.00 , 5.00)	(5.00 , 5.00)
Luminosity	(3.90 , 3.90)	(3.90 , 3.90)	(3.90 , 3.90)	(3.90 , 3.90)	(3.90 , 3.90)
MJ Normalization	(− , −)	(− , −)	(− , −)	(− , −)	(− , −)
V+jets	(nan , nan)	(nan , nan)	(nan , nan)	(nan , nan)	(nan , nan)

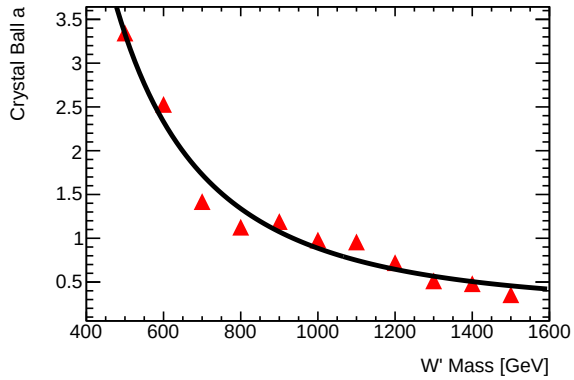
1

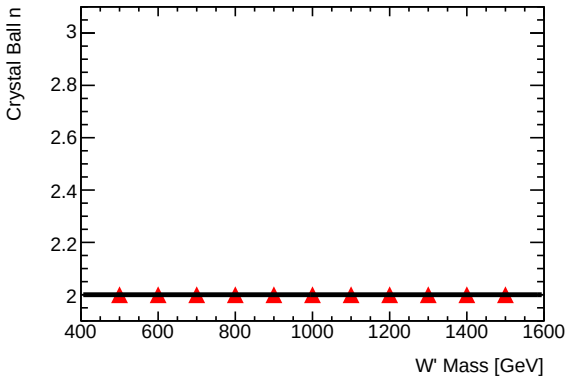
NOMINAL Signal Template Fits

$e\nu jj$









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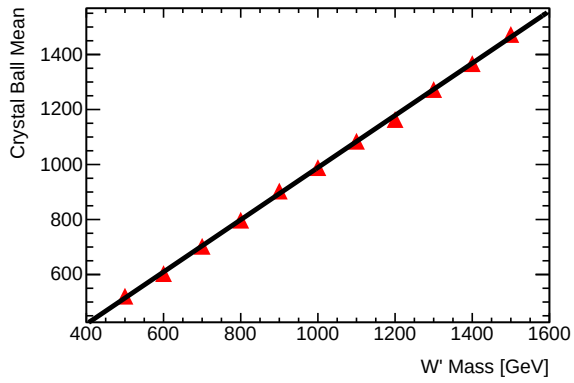
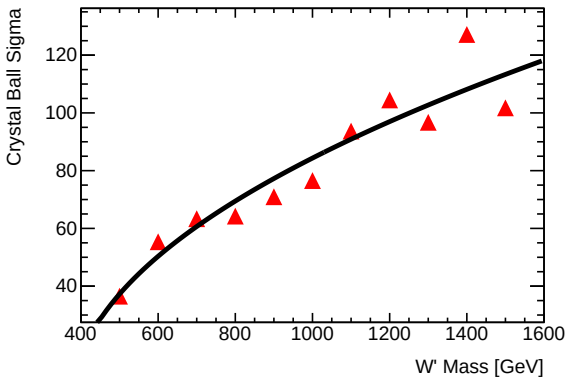
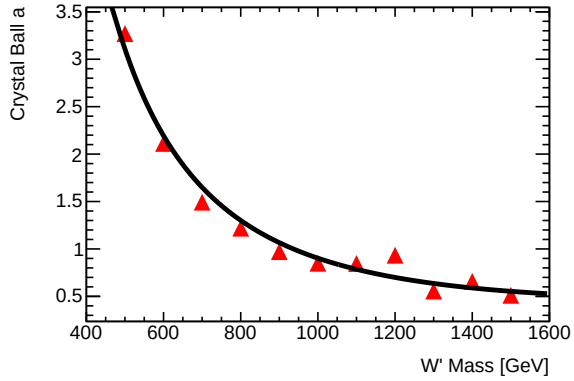
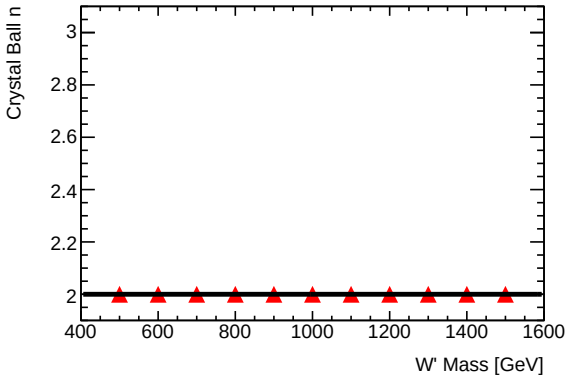


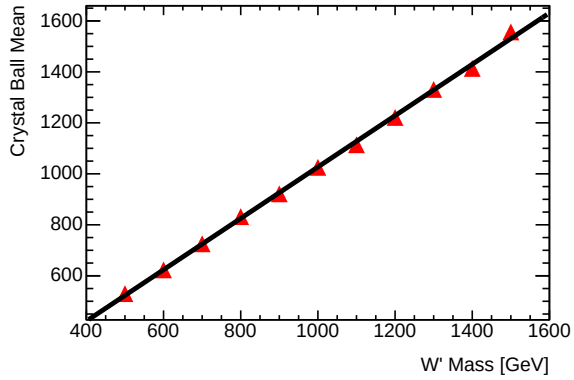


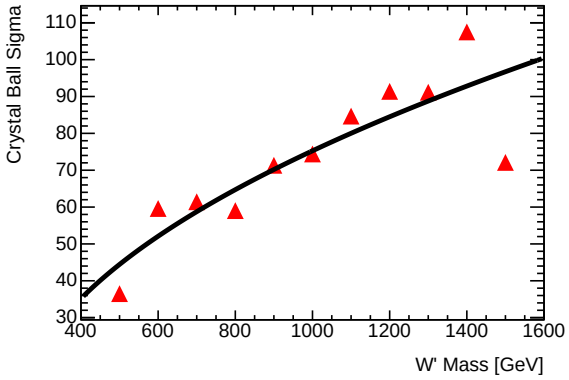


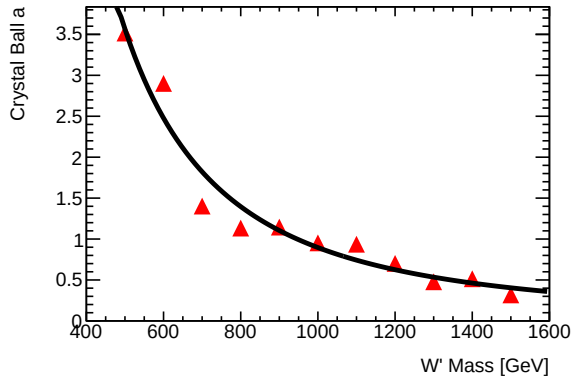


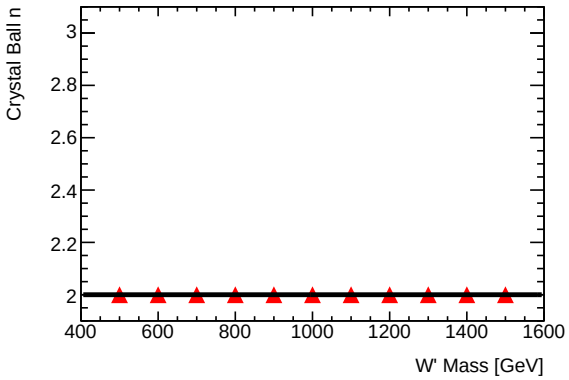
JES UP

$e\nu jj$









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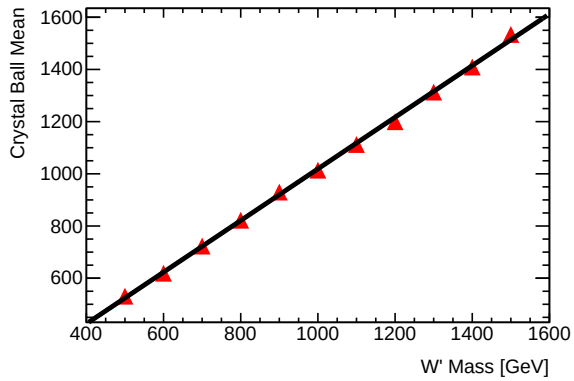

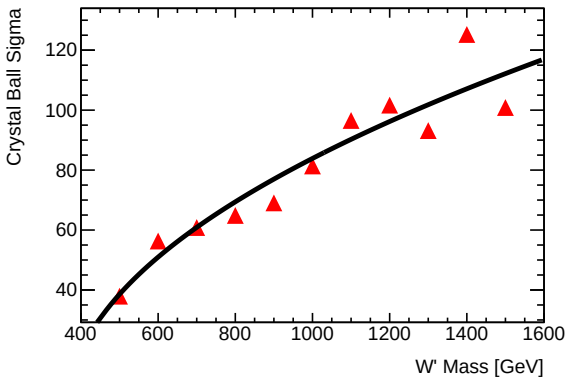

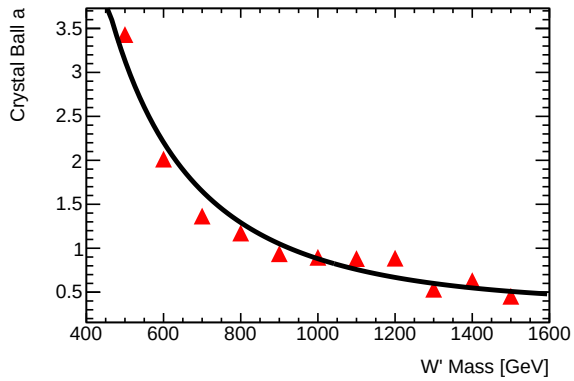

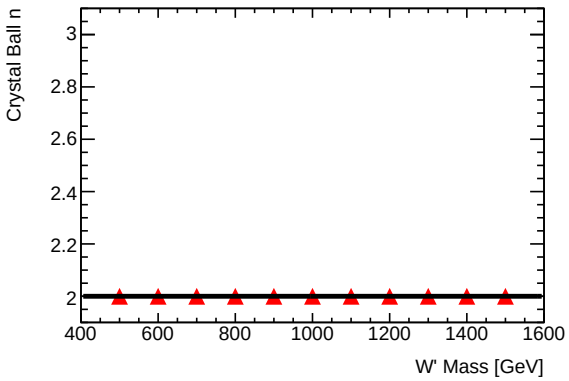

JES DOWN

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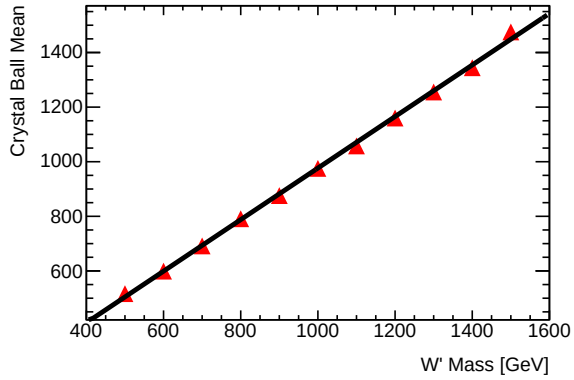

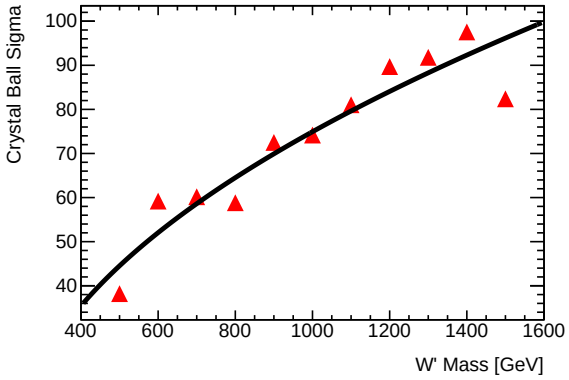

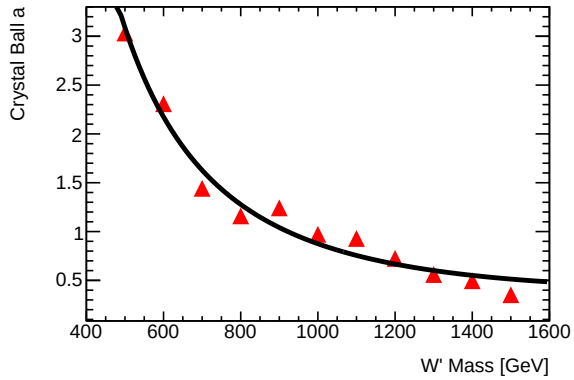

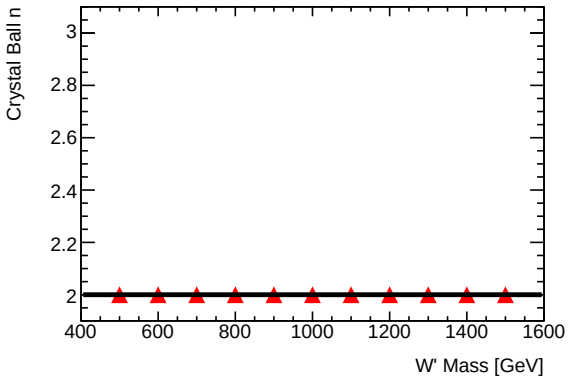

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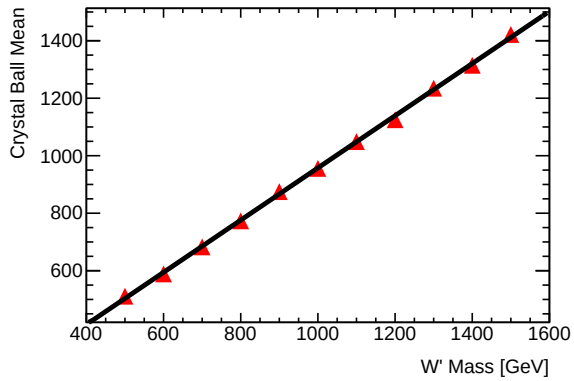

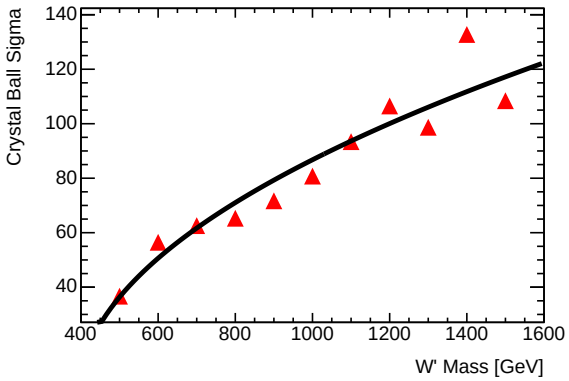

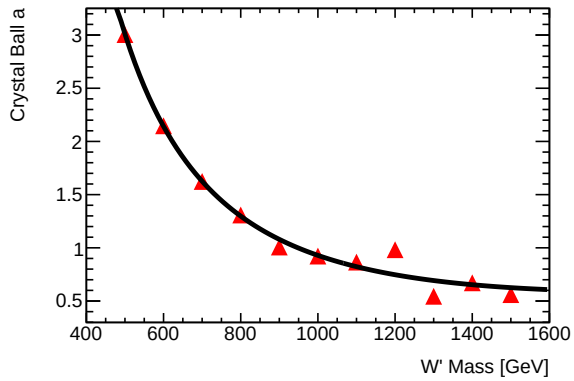

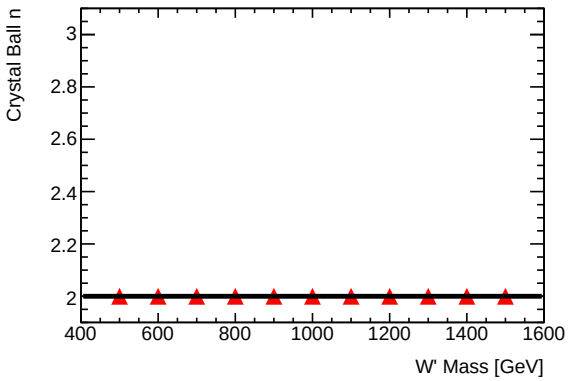

JER UP

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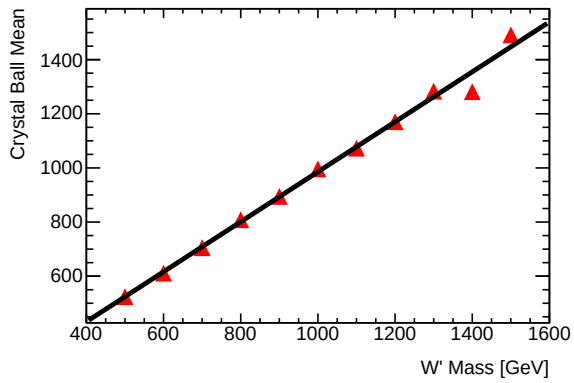

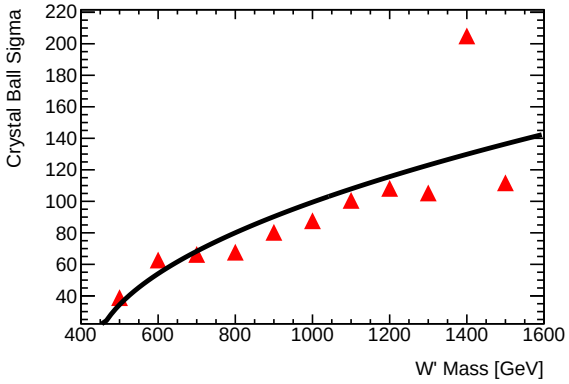

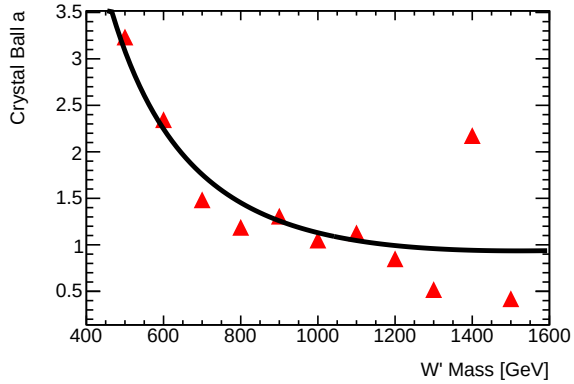

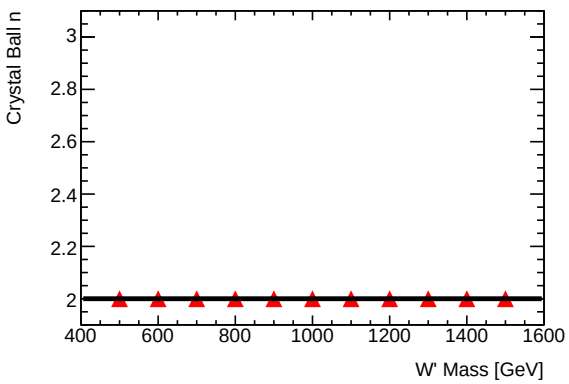

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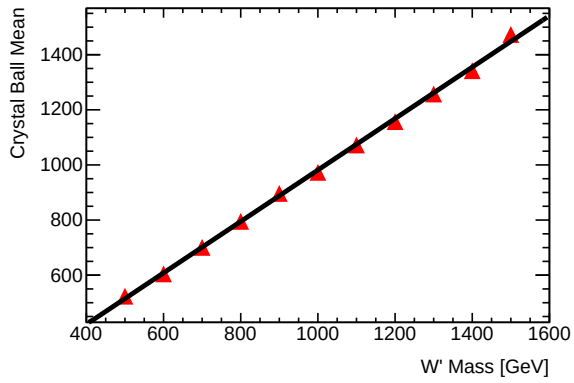

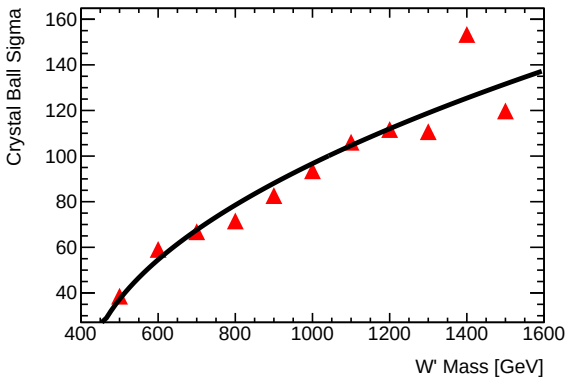

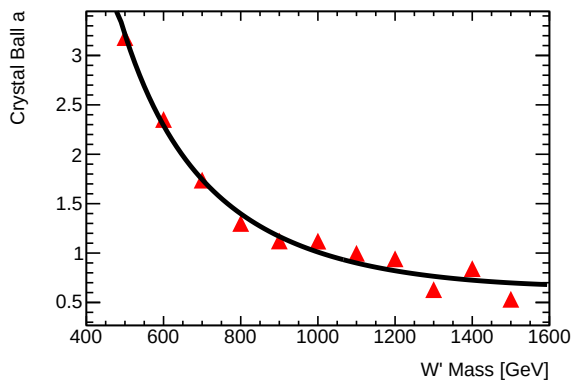

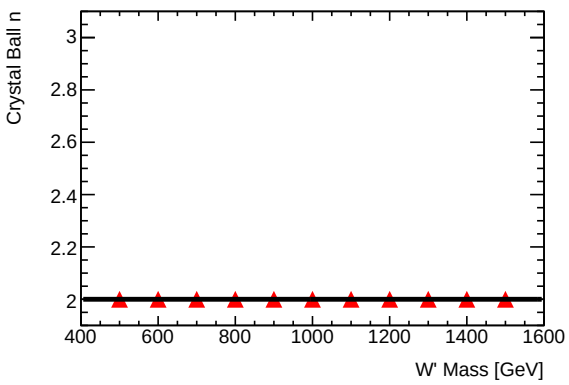

JER DOWN

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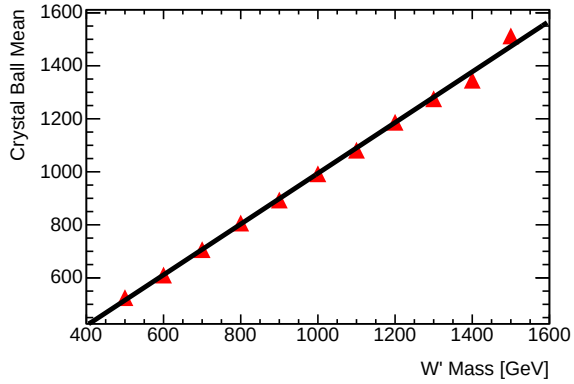

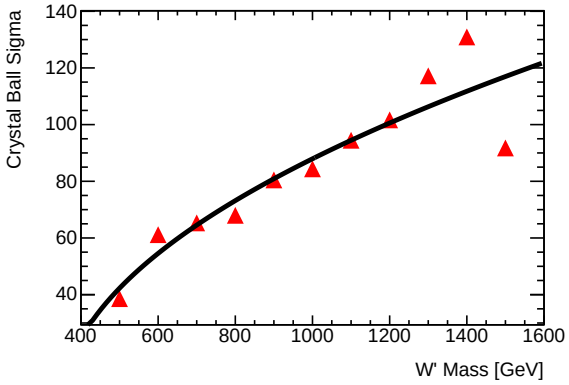

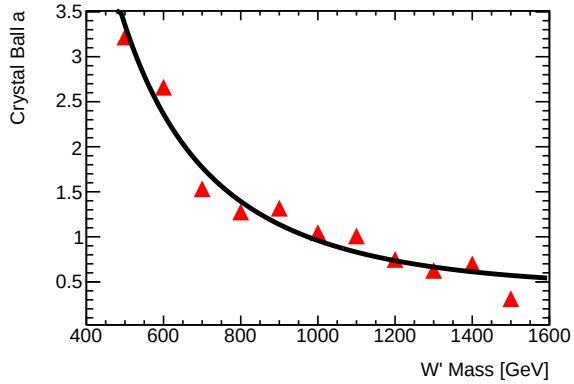

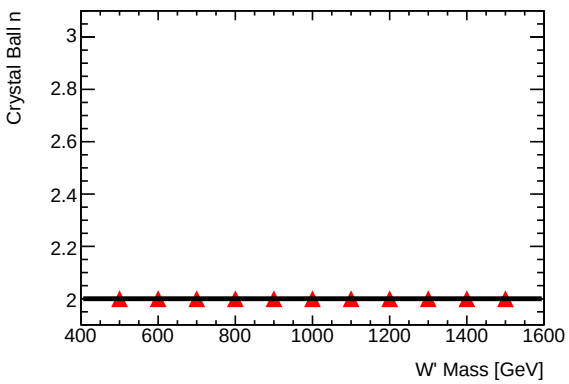

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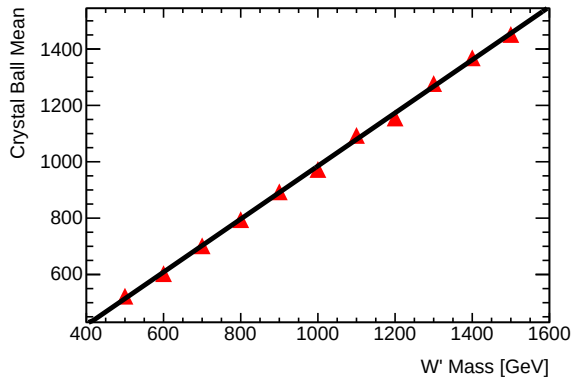
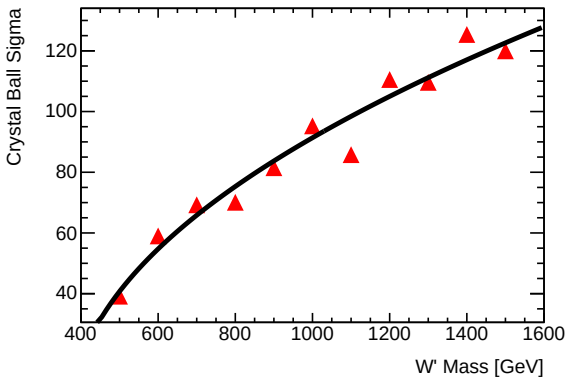
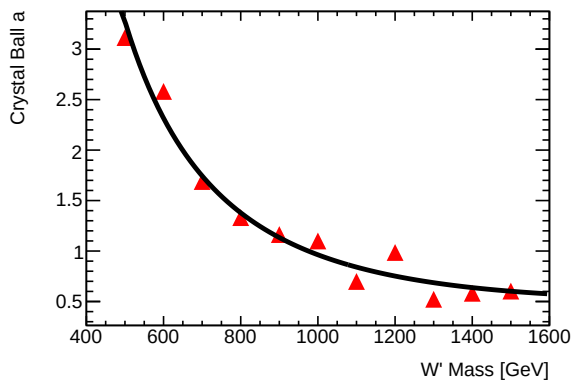
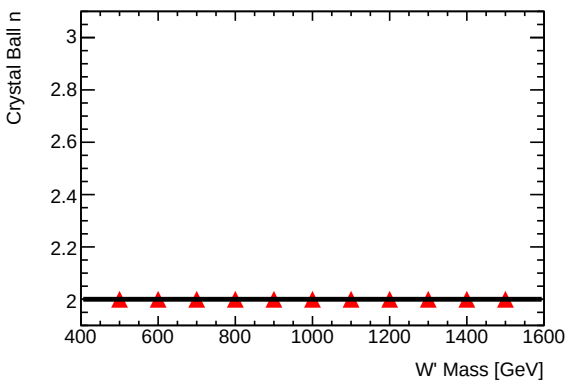


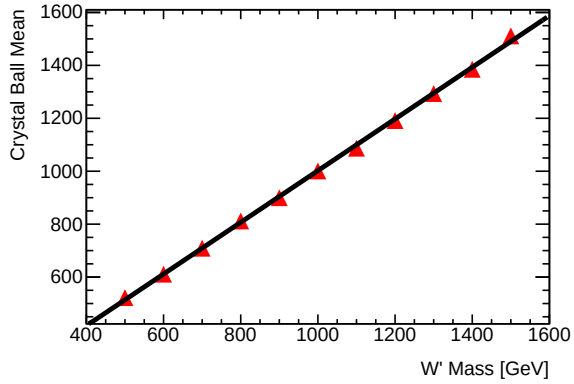


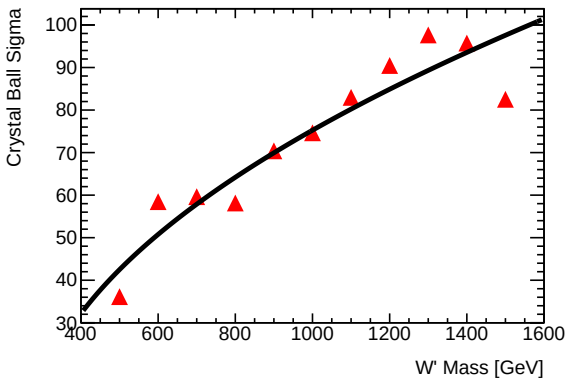


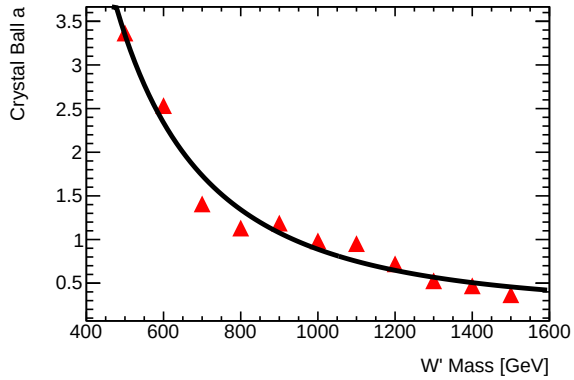


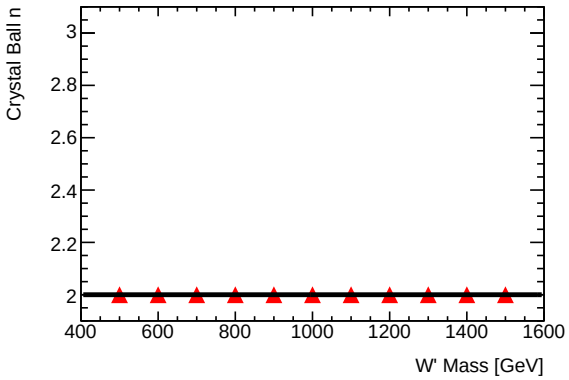
LES UP

$e\nu jj$









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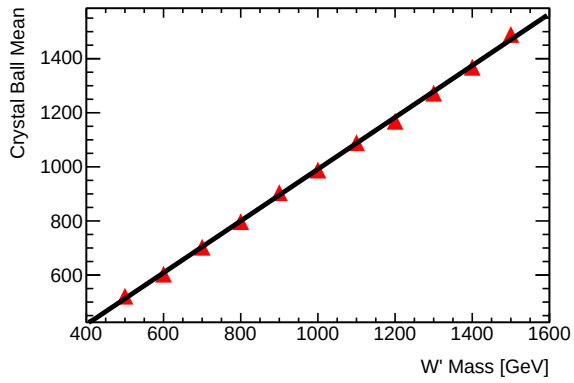
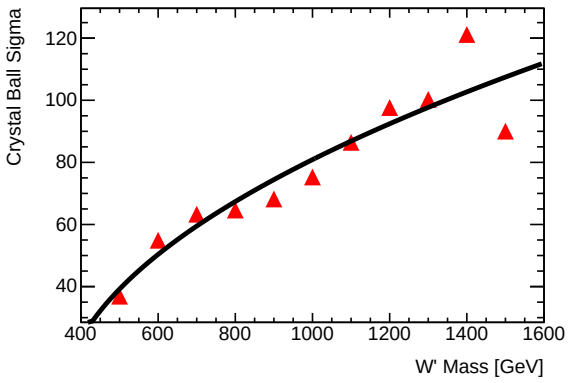
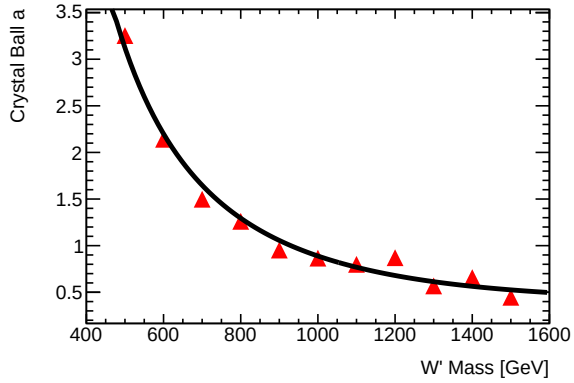
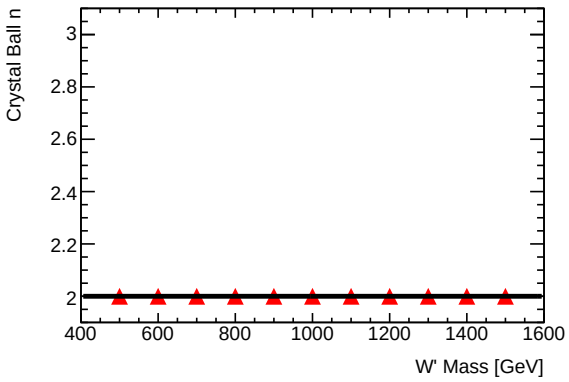


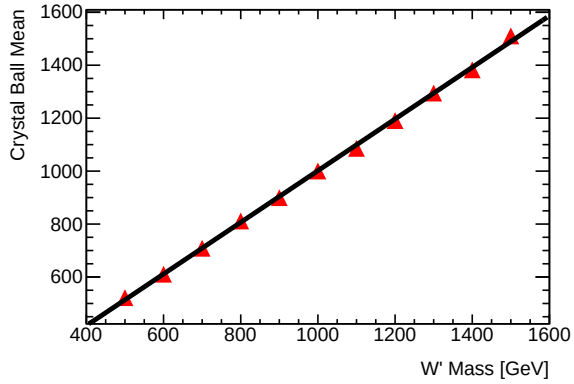


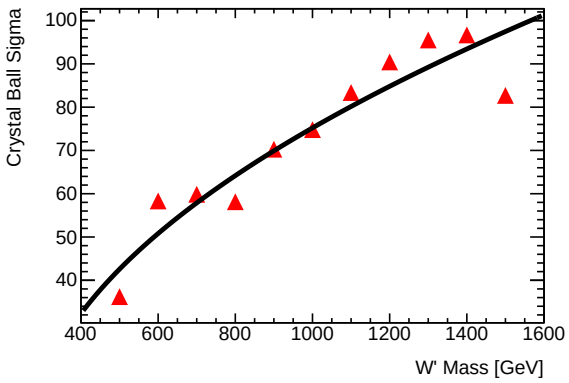


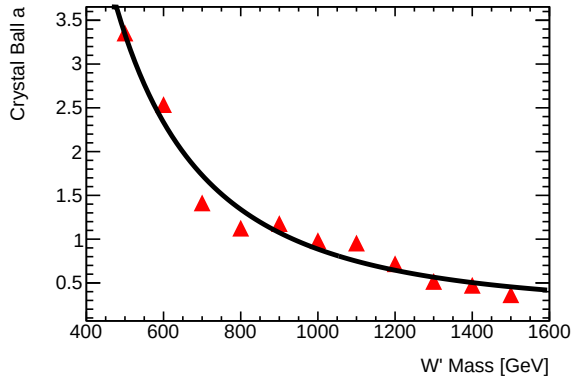


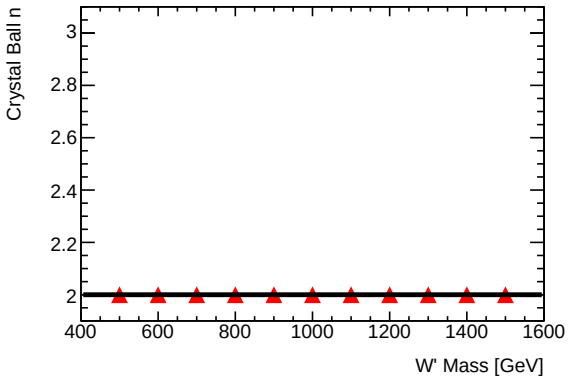
LES DOWN

$e\nu jj$









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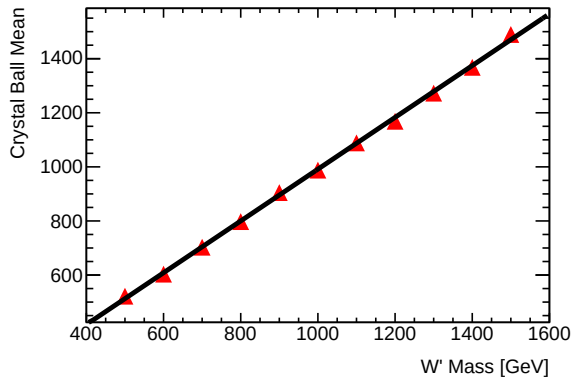
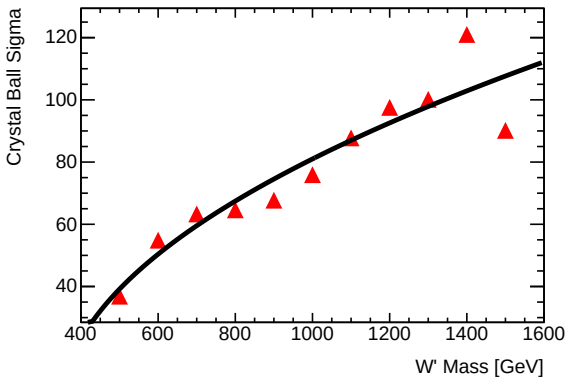
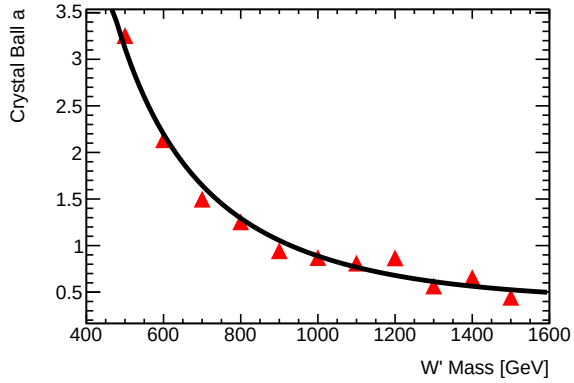
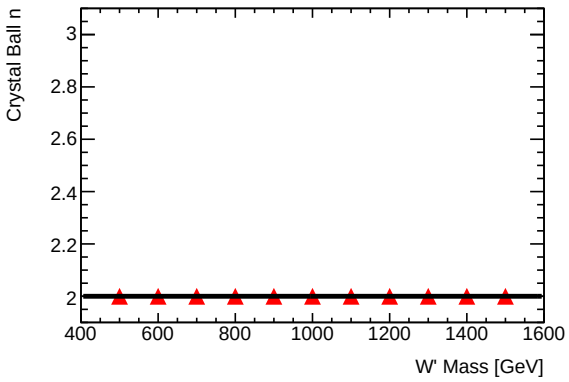


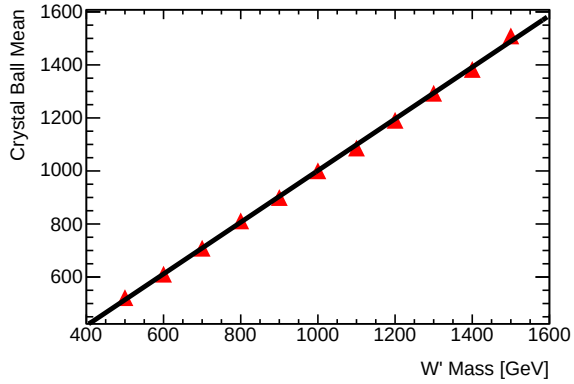


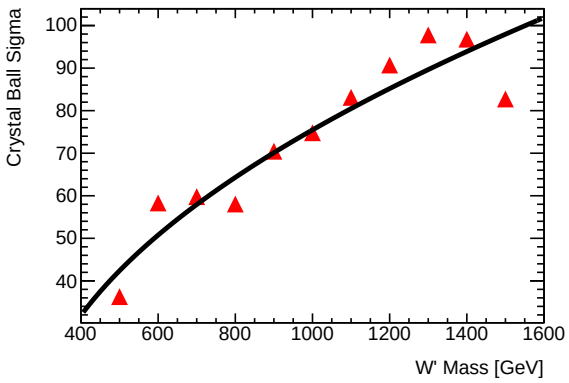


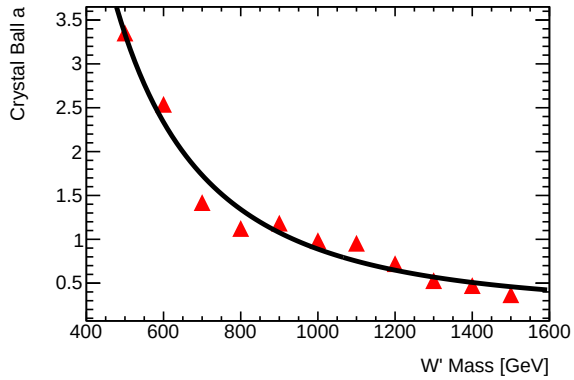


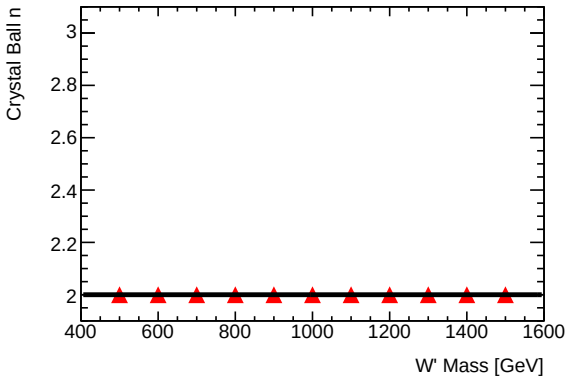
LER UP

$e\nu jj$









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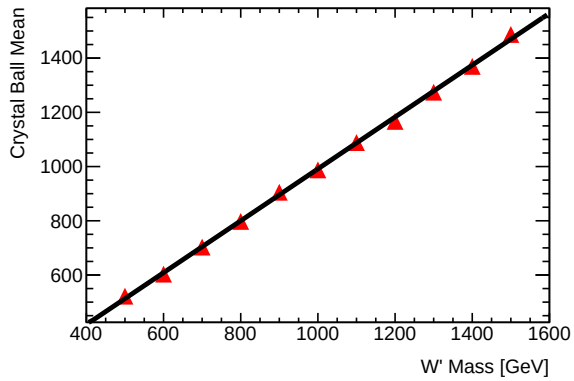

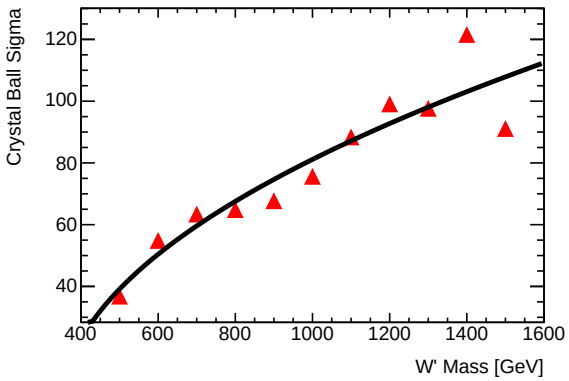

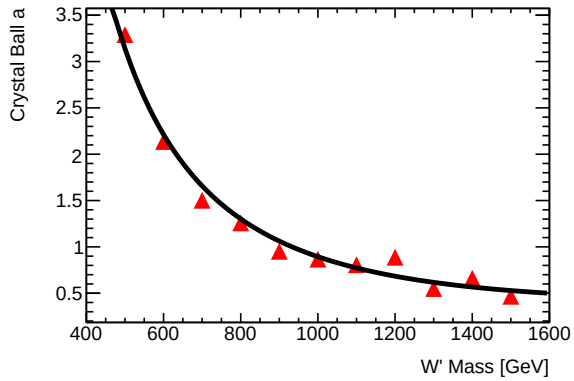

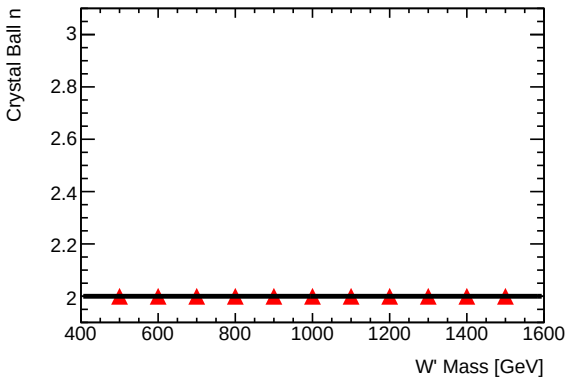

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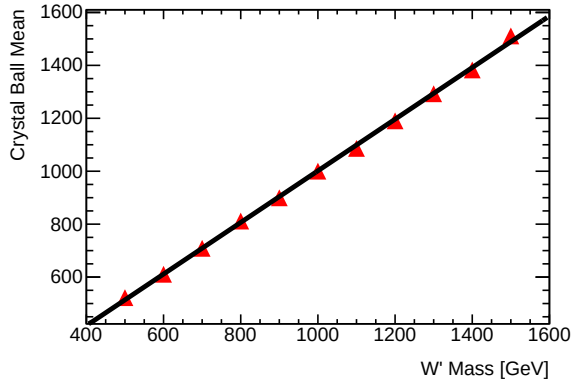

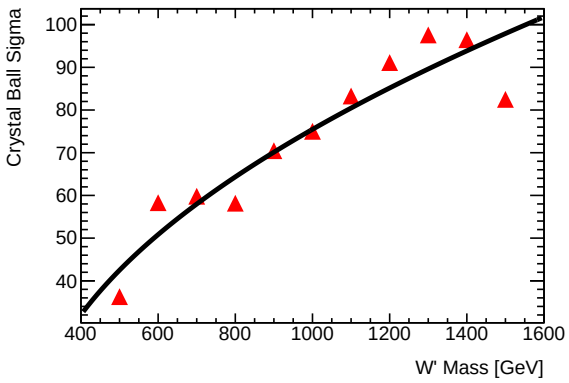

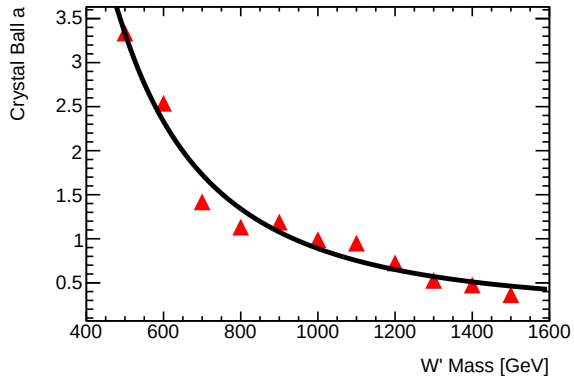

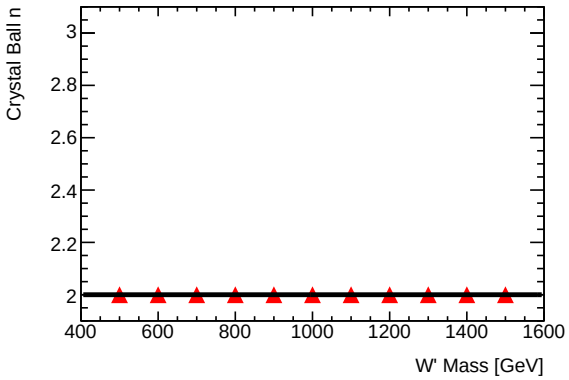

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