data 2015

cutflow	The number of events (Single trigger)
Total	1215218176
GRL	8083279
Trigger	8046289
Jet cleaning	8033504
Njets >= 2	7635762
NPhotons >= 1	1399019
Photon pT cut	452467
Jet1 pT cut	452467
Jet2 pT cut	452467
$y^* < 0.75$	29104
2 b-tagged	2030

data 2016

cutflow	The number of events (Single trigger)	The number of events (Compound trigger)
Total	5227867136	5227867136
GRL	103846024	103846024
Trigger	85543056	34203232
Jet cleaning	85391032	34149788
Njets >= 2	81479376	33409444
NPhotons >= 1	17800668	16350066
Photon pT cut	4797185	9174245
Jet1 pT cut	4797185	8712658
Jet2 pT cut	4797185	5633026
$y^* < 0.75$	3064176	3478528
2 b-tagged	21851	26624

data 2017

cutflow	The number of events (Single trigger)	The number of events (Compound trigger)
Total	5002680320	5002680320
GRL	139551621	139551621
Trigger	109049835	42646980
Jet cleaning	108878354	42593952
Njets >= 2	104090372	41596064
NPhotons >= 1	24898568	20861906
Photon pT cut	6325551	12916492
Jet1 pT cut	6325551	12125213
Jet2 pT cut	6325551	7380192
y* < 0.75	4014393	4552562
2 b-tagged	28432	35363

MC16a (1 ipb)

cutflow	The number of events (Single trigger)	The number of events (Compound trigger)
Total	38056.414	38056.414
Trigger	233.465	341.779
Jet cleaning	233.242	341.394
Njets >= 2	171.403	327.592
NPhotons >= 1	133.912	283.683
Photon pT cut	98.513	174.196
Jet1 pT cut	98.513	164.344
Jet2 pT cut	98.513	103.115
y* < 0.75	60.377	60.742
2 b-tagged	0.350	0.365

MC16d (1 ipb)

cutflow	The number of events (Single trigger)	The number of events (Compound trigger)
Total	38578.586	38578.586
Trigger	232.885	286.231
Jet cleaning	232.695	285.971
Njets >= 2	176.678	274.149
NPhotons >= 1	135.919	233.471
Photon pT cut	97.943	178.433
Jet1 pT cut	97.943	167.308
Jet2 pT cut	97.943	101.788
y* < 0.75	59.605	59.960
2 b-tagged	0.339	0.378

MC16a signal 250 GeV, g_SM=0.2 (1 ipb)

cutflow	The number of events (Single trigger)	relative remaining %	The number of events (Compound trigger)	relative remaining %
Total	0.508		0.508	
Trigger	0.223	43.9%	0.323	63.6%
Jet cleaning	0.223	100%	0.322	100%
Njets >= 2	0.207	92.8%	0.313	97.2%
NPhotons >= 1	0.177	85.5%	0.290	92.7%
Photon pT cut	0.144	81.4%	0.284	97.9%
Jet1 pT cut	0.144	100%	0.280	98.6%

Jet2 pT cut	0.144	100%	0.219	78.2%
y* < 0.75	0.108	75.0%	0.177	80.8%
2 b-tagged	0.0080	7.4%	0.0135	7.6%

MC16a signal 550 GeV, g_SM=0.2 (1 ipb)

cutflow	The number of events (Single trigger)	relative remaining %	The number of events (Compound trigger)	relative remaining %
Total	0.125		0.125	
Trigger	0.068	54.4%	0.101	80.8%
Jet cleaning	0.068	100%	0.101	100%
Njets >= 2	0.066	97.1%	0.100	99.0%
NPhotons >= 1	0.056	84.8%	0.091	91.0%
Photon pT cut	0.046	82.1%	0.089	97.8%
Jet1 pT cut	0.046	100%	0.088	98.9%
Jet2 pT cut	0.046	100%	0.084	95.5%
y* < 0.75	0.032	69.6%	0.059	70.2%
2 b-tagged	0.0025	7.8%	0.0050	8.5%