

Table of Contents

2017 MC request for D0 & LambdaC.....	1
pPb 8.16 TeV.....	1
Official.....	1
D0.....	1
LambdaC.....	1
Private.....	2
D0.....	2
LambdaC.....	3
PbPb 5.02 TeV.....	4
Private.....	4
D0.....	4

2017 MC request for D0 & LambdaC

pPb 8.16 TeV

Official

D0

generator	process	pthat	pPb/PbP	Embedded?	Num Evts	gen cff	x-section (mb)	filter efficiency	event content	time/event (s)	size/event (kB)
Pythia8	Prompt D0 pt > 1p2 rapidity < 2p4	-	pPb	EPOS	30M	link	1513	6.35E-03	AODSIM	0.115	310
Pythia8	non-Prompt-D0 pt > 1p2 rapidity < 2p4	-	pPb	EPOS	20M	link	1513	2.11E-04	AODSIM	0.0115	420

LambdaC

generator	process	pthat	pPb/PbP	Embedded?	Num Evts	gen cff	x-section (mb)	filter efficiency	event content	time/event (s)	size (kB)
Pythia8	LambdaC ->KsProton pt > 0p9 rapidity < 2p4	-	pPb & Pbp	EPOS	3M	pPb: link Pbp: link	1513	8.21E-04	AODSIM	0.0235	32

Pythia8	LambdaC ->KsProton pt > 5p9 rapidity < 2p4	-	pPb & Pbp	EPOS	2M each beam direction	pPb: link Pbp: link	1513	2.37E-05	AODSIM	0.0061	52
Pythia8	LambdaC ->LambdaPion pt > 0p9 rapidity < 2p4	-	pPb & Pbp	EPOS	8M each beam direction	pPb: link Pbp: link	1513	7.49E-04	AODSIM	0.027	29
Pythia8	LambdaC ->LambdaPion pt > 5p9 rapidity < 2p4	-	pPb & Pbp	EPOS	3M each beam direction	pPb: link Pbp: link	1513	2.12E-05	AODSIM	0.0076	47

NOTE: Two external decay file need to be put into GeneratorInterface/EvtGenInterface/data , they can be found at [link](#).

Private

D0

generator	process	pthat	pPb/PbP	Embedded?	Num Evts	gen eff	x-section (mb)	filter efficiency	event content	time/event (s)	size/event (kB)
Pythia8	Prompt D0 pt > 1p2	-	pPb	EPOS	3M	link	1513	6.35E-03	AODSIM	0.115	310

	rapidity < 2p4										
Pythia8	non-Prompt-D0 pt > 1p2 rapidity < 2p4		pPb	EPOS	2M	link	1513	2.11E-04	AODSIM	0.0115	420

LambdaC

generator	process	pthat	pPb/PbP	Embedded?	Num Evt	gen cff	x-section (mb)	filter efficiency	event content	time/event (s)	size/event (kB)
Pythia8	LambdaC ->KsProton pt > 0p9 rapidity < 2p4	-	pPb	EPOS	105k	link	1513	8.21E-04	AODSIM	0.0235	326
Pythia8	LambdaC ->KsProton pt > 5p9 rapidity < 2p4	-	pPb	EPOS	75k	link	1513	2.37E-05	AODSIM	0.0061	520

Pythia8	LambdaC ->LambdaPion pt > 0p9 rapidity < 2p4	-	pPb	EPOS	375k	link	1513	7.49E-04	AODSIM	0.027	295
Pythia8	LambdaC ->LambdaPion pt > 5p9 rapidity < 2p4	-	pPb	EPOS	105k	link	1513	2.12E-05	AODSIM	0.0076	470

NOTE: Two external decay file need to be put into GeneratorInterface/EvtGenInterface/data , they can be found at [link](#).

- Set ALLOWTOPICVIEW = AllUsersGroup

-- ZhenyuChen - 2017-07-28

PbPb 5.02 TeV

Private

D0

generator	process	pthat	Colisions	Embedded?	Num Evt	gen cff	x-section (mb)	filter efficiency	event content	time/event (s)	size/event (kB)
Pythia8	Prompt D0->KK	-	PbPb	Yes		link			AODSIM		
Pythia8		-	PbPb	Yes		link			AODSIM		

Prompt D0->PiPi										
--------------------	--	--	--	--	--	--	--	--	--	--

-- YousenZhang - 2020-07-13

This topic: Main > 2017HIFlowMCrequest
Topic revision: r13 - 2020-12-14 - YousenZhang



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)