

Table of Contents

2017 MC request for D0 & LambdaC	1
pPb 8.16 TeV.....	1
Official.....	1
D0.....	1
LambdaC.....	1
Private.....	3
D0.....	3
LambdaC.....	3

2017 MC request for D0 & LambdaC

pPb 8.16 TeV

Official

D0

generator	process	pt hat	pPb/ PbP	Embedded?	Num Evt s	gen cff	x- section (mb)	filter efficiency
Pythia8	Prompt D0 pt > 1p2 rapidity < 2p4	-	pPb	EPOS	30M	link	1513	6.35E-03
Pythia8	non-Prompt D0 pt > 1p2 rapidity < 2p4	-	pPb	EPOS	20M	link	1513	2.11E-04

LambdaC

generator	process	pt hat	pPb/ PbP	Embedded?	Num Evt s	gen cff	x- section (mb)	filter efficiency
Pythia8	LambdaC ->Ks Proton pt > 0p9 rapidity < 2p4	-	pPb & Pbp	EPOS	3M each beam direction	pPb: link Pbp: link	1513	8.2

Pythia8	LambdaC ->KsPr ot on pt > 5p9 rapi di ty < 2p4	-	pPb & Pbp	EPOS	2M each beam direction	pPb: link ↗ Pbp: link ↗	1513	2. 3
Pythia8	LambdaC ->LambdaPi on pt > 0p9 rapi di ty < 2p4	-	pPb & Pbp	EPOS	8M each beam direction	pPb: link ↗ Pbp: link ↗	1513	7. 4
Pythia8	LambdaC ->LambdaPi on pt > 5p9 rapi di ty < 2p4	-	pPb & Pbp	EPOS	3M each beam direction	pPb: link ↗ Pbp: link ↗	1513	2. 1

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

Private**D0**

generator	process	pt hat	pPb/ PbP	Embedded?	Num Evt s	gen cff	x-section (nb)	filter efficiency
Pythia8	Prompt D0 pt > 1p2 rapidity < 2p4	-	pPb	EPOS	3M	link	1513	6.35E-03
Pythia8	non-Prompt D0 pt > 1p2 rapidity < 2p4	-	pPb	EPOS	2M	link	1513	2.11E-04

LambdaC

generator	process	pt hat	pPb/ PbP	Embedded?	Num Evt s	gen cff	x-section (nb)	filter efficiency
Pythia8	LambdaC ->Ks Proton pt > 0p9 rapidity < 2p4	-	pPb	EPOS	105k	link	1513	8.21E-04
Pythia8	LambdaC ->Ks Proton	-	pPb	EPOS	75k	link	1513	2.37E-05

	pt > 5p9 rapi di t y < 2p4							
Pyt hi a8	LambdaC ->LambdaPi on pt > 0p9 rapi di t y < 2p4	-	pPb	EPOS	375k	link ↗	1513	7.49E-04
Pyt hi a8	LambdaC ->LambdaPi on pt > 5p9 rapi di t y < 2p4	-	pPb	EPOS	105k	link ↗	1513	2.12E-05

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

This topic: Main > 2017HI FlowMCrequest

Topic revision: r10 - 2017-08-04 - ZhenyuChen



Copyright © 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback