

CMS OPEN DATA

Downloading the DATA

1 <https://opendata.cern.ch/record/30555>

/DoubleMuon/Run2016H-UL2016_MiniAODv2_NanoAODv9-v1/NANOAOD

DoubleMuon primary dataset in NANOAOD format from RunH of 2016. Run period from run number 281613 to 284044. The list of validated runs, which must be applied to all analyses, either with the full V...

Dataset Collision CMS

Scroll
down



File Indexes

Filename	Size	
CMS_Run2016H_DoubleMuon_NANOAOD_UL2016_MiniAODv2_NanoAODv9-v1_2510000_file_index.json	42.9 GiB	List files Download index



Click here to
download



List of files

Filename	Size	
127C2975-1B1C-A046-AABF-62B77E757A86.root	1.9 GiB	Download
183BFB78-7B5E-734F-BBF5-174A73020F89.root	1.9 GiB	Download
1BE226A3-7A8D-1B43-AADC-201B563F3319.root	931.9 MiB	Download
1DE780E2-BCC2-DC48-815D-9A97B2A4A2CD.root	1.5 GiB	Download
21DA4CE5-4E50-024F-9CE1-50C77254DD4E.root	1.7 GiB	Download



Downloading the Monte Carlo

2

<https://opendata.cern.ch/record/35577>

Scroll down

Simulated dataset [DYJetsToLL_0J_TuneCP5_13TeV-amcatnloFXFX-pythia8](#) in NANOASIM format for 2016 collision data

[/DYJetsToLL_0J_TuneCP5_13TeV-amcatnloFXFX-pythia8/RunIISummer20UL16NanoAODv9-106X_mcRun2_asymptotic_v17-v1/NANOASIM](#), CMS Collaboration

Cite as: CMS Collaboration (2024). Simulated dataset [DYJetsToLL_0J_TuneCP5_13TeV-amcatnloFXFX-pythia8](#) in NANOASIM format for 2016 collision data. CERN Open Data Portal. DOI:[10.7483/OPENDATA.CMS.F7DX.ZIF8](https://doi.org/10.7483/OPENDATA.CMS.F7DX.ZIF8)

Filename	Size
CMS_mc_RunIISummer20UL16NanoAODv9_DYJetsToLL_0J_TuneCP5_13TeV-amcatnloFXFX-pythia8_NANOASIM_106X_mcRun2_asymptotic_v17-v1_2430000_file_index.json	2.5 GiB
CMS_mc_RunIISummer20UL16NanoAODv9_DYJetsToLL_0J_TuneCP5_13TeV-amcatnloFXFX-	1.8 GiB

Click here to download

3

<https://opendata.cern.ch/record/68071>

Simulated dataset [ttWJetsToLNu_5f_EWK_TuneCP5_13TeV_amcatnlo-pythia8](#) in NANOASIM format for 2016 collision data

[/ttWJetsToLNu_5f_EWK_TuneCP5_13TeV_amcatnlo-pythia8/RunIISummer20UL16NanoAODv9-106X_mcRun2_asymptotic_v17-v1/NANOASIM](#), CMS Collaboration

Cite as: CMS Collaboration (2024). Simulated dataset [ttWJetsToLNu_5f_EWK_TuneCP5_13TeV_amcatnlo-pythia8](#) in NANOASIM format for 2016 collision data. CERN Open Data Portal. DOI:[10.7483/OPENDATA.CMS.VNCY.IDXM](https://doi.org/10.7483/OPENDATA.CMS.VNCY.IDXM)

* Scroll down
* Find file index
* Then click the blue box to download!

Filename	Size
61704263-6D6A-AA45-868A-A690B516767B.root	1.2 GiB
7A97466C-30BE-9A4F-A5D4-D4E936F11EC8.root	1.3 GiB

Filename	Size
17263BA6-A9AA-164F-95BE-4650703D1D47.root	288.7 MiB
18742DD-3452-7D4D-B3C4-2BA554582206.root	134.9 MiB
2A72DB09-E594-824B-A6C9-89B279A18CF9.root	13.7 MiB
2F49AEE8-721A-F741-BBB7-9614BCB38ABF.root	1.7 GiB
3696C3D1-213B-1C42-9932-6D63EFC89979.root	13.7 MiB