

# Available Data sets

## Data sets at Fermilab

The following signal data samples in slcio format are available in `/ilc/sid/wenzel/muoncolliderdata/slcio/signal` which is mounted from `detsim.fnal.gov`.

In all cases the mcdrcal00 detector was used.

| File name                     | Events | Comment               |
|-------------------------------|--------|-----------------------|
| Zp3TeVtoee.slcio              |        | Z' (3TeV) --> e+ e-   |
| Zptomumu_3TeV_mcdrcal00.slcio |        | Z' (3TeV) --> mu+ mu- |

The following background data samples are available in `/ilc/sid/wenzel/muoncolliderdata/slcio/bgr` which is mounted from `detsim.fnal.gov`.

| File name                               | Events | Comment |
|-----------------------------------------|--------|---------|
| excl-1to25m-mumi_0_10000.slcio          |        |         |
| excl-1to25m-mumi_1_10000.slcio          |        |         |
| excl-1to25m-mumi_2_10000.slcio          |        |         |
| excl-1to25m-mumi_3_10000.slcio          |        |         |
| excl-1to25m-mumi_4_10000.slcio          |        |         |
| excl-1to25m-mumi_5_10000.slcio          |        |         |
| excl-1to25m-mumi_6_10000.slcio          |        |         |
| excl-1to25m-mumi_7_10000.slcio          |        |         |
| excl-1to25m-mumi_8_10000.slcio          |        |         |
| excl-25to1m-mupl_0_10000.slcio          |        |         |
| excl-25to1m-mupl_1_10000.slcio          |        |         |
| excl-25to1m-mupl_2_10000.slcio          |        |         |
| excl-25to1m-mupl_3_10000.slcio          |        |         |
| excl-25to1m-mupl_4_10000.slcio          |        |         |
| excl-25to1m-mupl_5_10000.slcio          |        |         |
| excl-25to1m-mupl_6_10000.slcio          |        |         |
| excl-25to1m-mupl_7_10000.slcio          |        |         |
| excl-25to1m-mupl_8_10000.slcio          |        |         |
| incl-mumi-25to189m-2p4e7_0_10000.slcio  |        |         |
| incl-mumi-25to189m-2p4e7_10_10000.slcio |        |         |
| incl-mumi-25to189m-2p4e7_1_10000.slcio  |        |         |
| incl-mumi-25to189m-2p4e7_11_10000.slcio |        |         |
| incl-mumi-25to189m-2p4e7_12_10000.slcio |        |         |
| incl-mumi-25to189m-2p4e7_13_10000.slcio |        |         |
| incl-mumi-25to189m-2p4e7_14_10000.slcio |        |         |
| incl-mumi-25to189m-2p4e7_15_10000.slcio |        |         |
| incl-mumi-25to189m-2p4e7_16_10000.slcio |        |         |
| incl-mumi-25to189m-2p4e7_17_10000.slcio |        |         |

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|-----------------------------------------|--|--|
| incl-mumi-25to189m-2p4e7_18_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_19_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_20_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_2_10000.slcio  |  |  |
| incl-mumi-25to189m-2p4e7_21_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_22_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_23_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_24_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_25_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_26_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_27_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_28_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_29_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_30_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_3_10000.slcio  |  |  |
| incl-mumi-25to189m-2p4e7_31_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_32_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_33_10000.slcio |  |  |
| incl-mumi-25to189m-2p4e7_4_10000.slcio  |  |  |
| incl-mumi-25to189m-2p4e7_5_10000.slcio  |  |  |
| incl-mumi-25to189m-2p4e7_6_10000.slcio  |  |  |
| incl-mumi-25to189m-2p4e7_7_10000.slcio  |  |  |
| incl-mumi-25to189m-2p4e7_8_10000.slcio  |  |  |
| incl-mumi-25to189m-2p4e7_9_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_0_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_10_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_1_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_11_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_12_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_13_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_14_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_15_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_16_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_17_10000.slcio |  |  |

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|-----------------------------------------|--|--|
| incl-mupl-189to25m-2p4e7_18_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_19_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_20_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_2_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_21_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_22_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_23_10000.slcio |  |  |
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| incl-mupl-189to25m-2p4e7_25_10000.slcio |  |  |
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| incl-mupl-189to25m-2p4e7_27_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_28_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_29_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_30_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_3_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_31_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_32_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_33_10000.slcio |  |  |
| incl-mupl-189to25m-2p4e7_4_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_5_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_6_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_7_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_8_10000.slcio  |  |  |
| incl-mupl-189to25m-2p4e7_9_10000.slcio  |  |  |

## Data sets at SLAC

<ftp://ftp-lcd.slac.stanford.edu/ilc3/MUC/backgrounds/scio/slic/>