



SIMC

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simc version from Werner Boeglin and Modified by Reyner Cruz--- Courtesy of Reyner Cruz

- It has the Spectral functions of ^3He and ^3H

simc Kinematics

```
&KINEMATICS MAIN
Ebeam = 2222.                ! (MeV)
dEbeam = 0.05               ! beam energy variation (%)
electron_arm = 4            ! 1=hms,2=sos,3=hrs,4=hrsl,5 = shms
hadron_arm = 3              ! 1=hms,2=sos,3=hrs,4=hrsl,5 = shms
spec%e%P = 2051.           ! e arm central momentum (MeV/c)
spec%e%theta = 15.004      ! e arm angle setting (degrees)
spec%p%P = 589.             ! p arm central momentum (MeV/c)
spec%p%theta = 66.         ! p arm angle setting (degrees)
```

Data Kinematics:

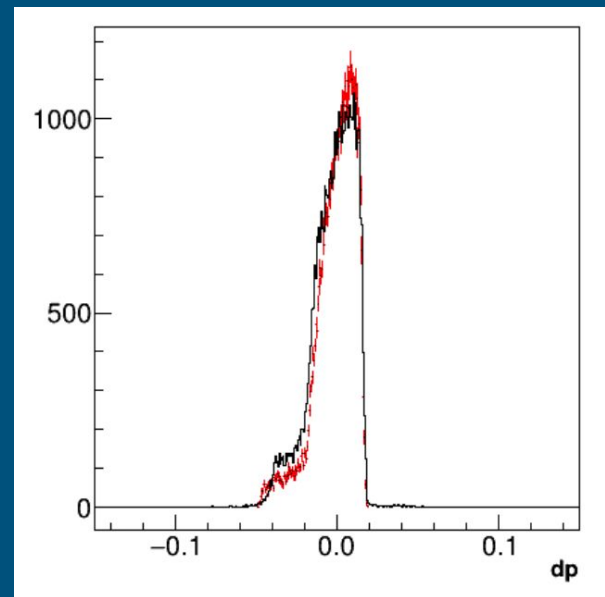
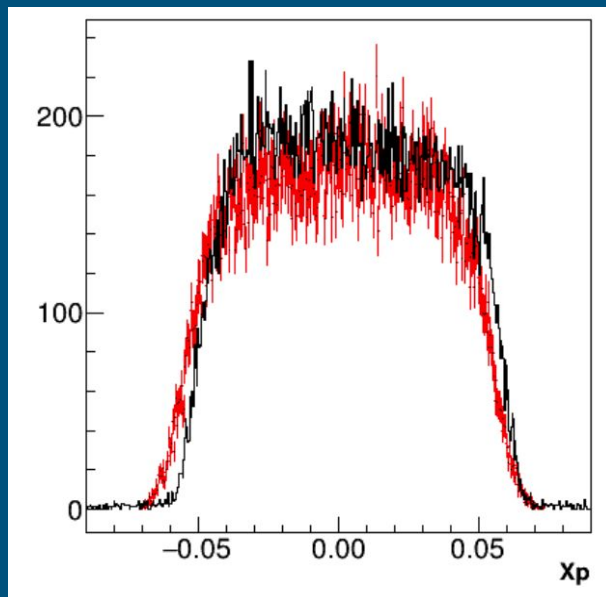
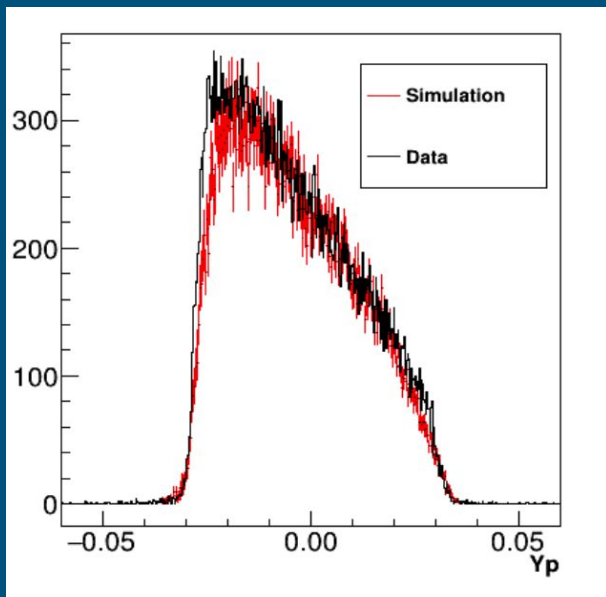
LHRS Run: 3067

LHRS Momentum: 2.051 GeV

Beam Energy 2.222 GeV

LHRS angle: 15.004 degrees

Single arm mode



$$|\theta| < 0.04$$
$$|\phi| < 0.03$$
$$|dp| < 0.045$$

