SANE inclusive HMS data

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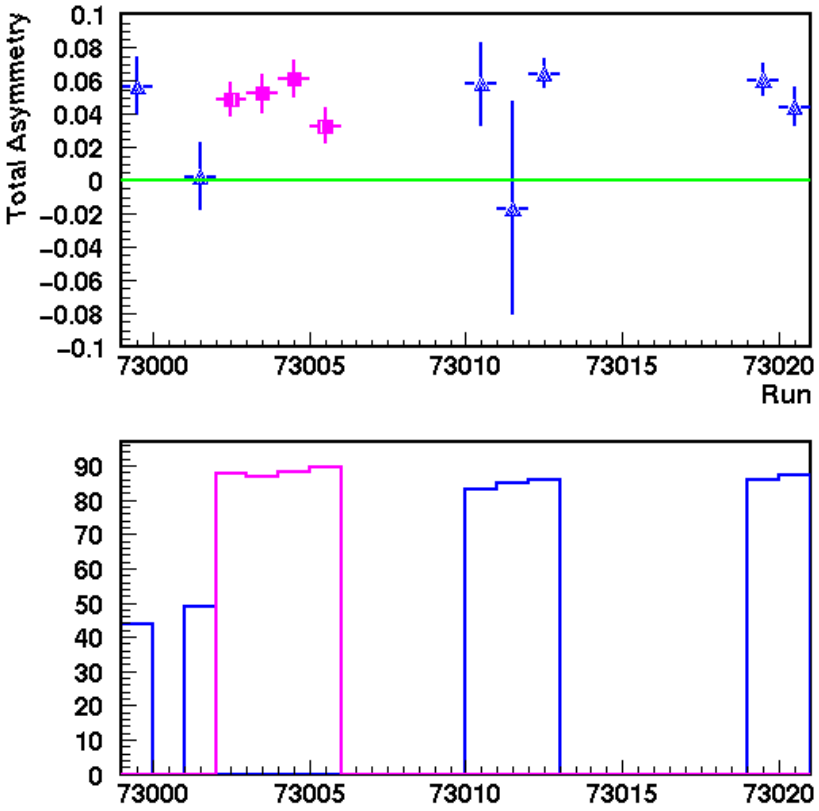
HMS parallel runs



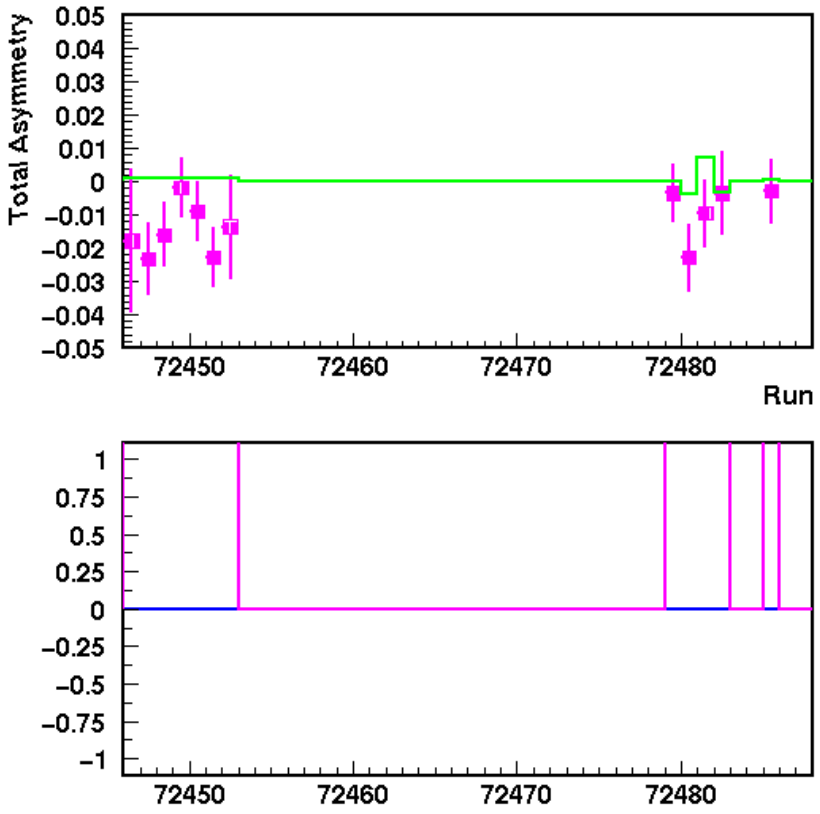
Run # 72999-73020
NH3 target, parallel magnetic field
4.7 GeV beam
HMS momentum: 3.2 GeV/c
HMS angle: 20.2 degree

|HMS_delta| < 8%
Beam polarization > 40%
Beam current > 55 nA

Charge normalized
dead time & polarization included

Pink : negative target polarization
Blue : positive target polarization

HMS perpendicular runs



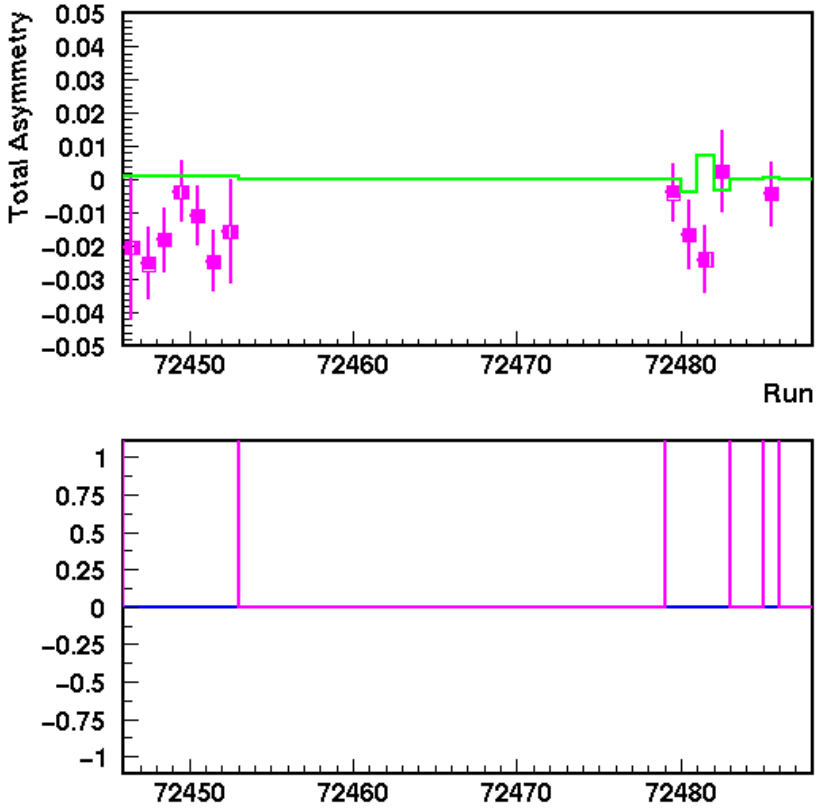
Run # 72486-72487
NH3 target, perp. magnetic field
5.9 GeV beam
HMS momentum: 3.1 GeV/c
HMS angle: 15.4 degree

|HMS_delta| < 8%
Beam polarization > 40%
Beam current > 55 nA

Charge normalized
Dead time & polarization included

Pink : negative target polarization
Blue : positive target polarization

HMS perpendicular runs without charge normalization



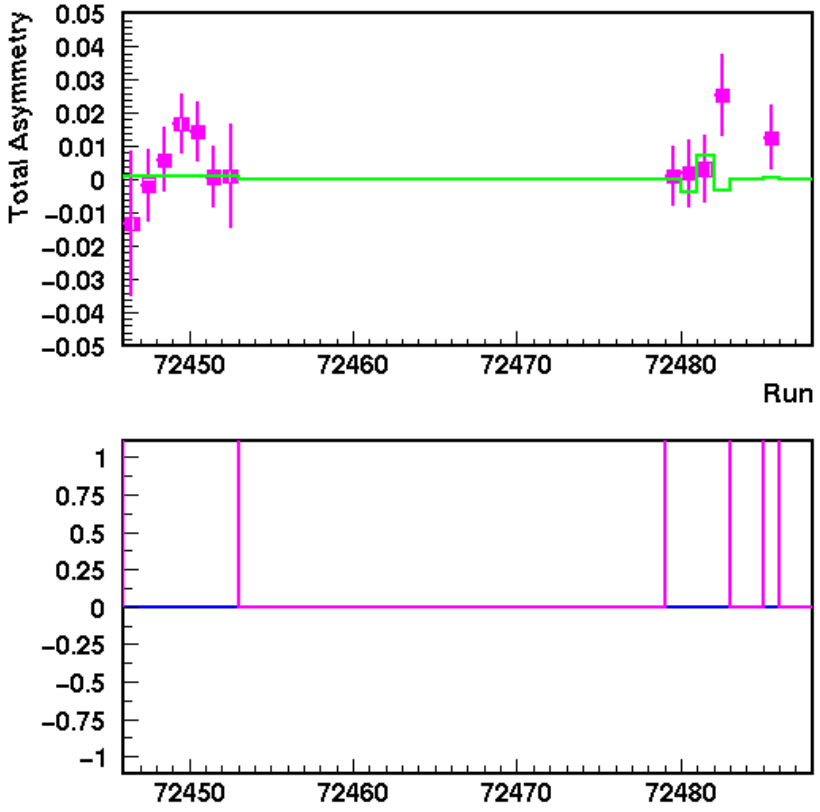
Run # 72486-72487
NH3 target, perp. magnetic field
5.9 GeV beam
HMS momentum: 3.1 GeV/c
HMS angle: 15.4 degree

|HMS_delta| < 8%
Beam polarization > 40%
Beam current > 55 nA

Dead time & polarization included

Pink : negative target polarization
Blue : positive target polarization

HMS perpendicular runs without dead time correction



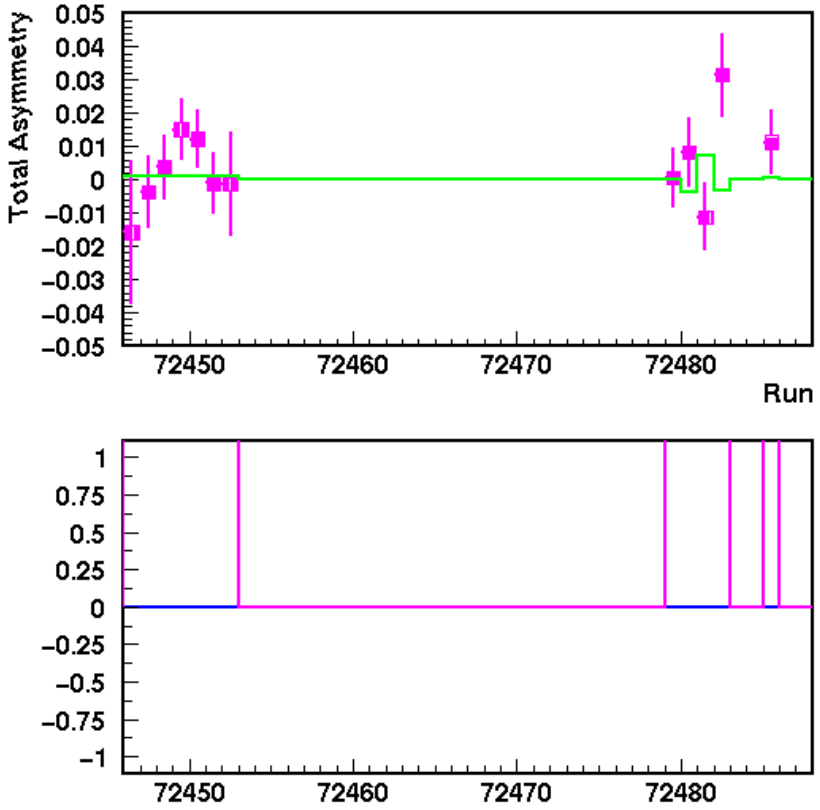
Run # 72486-72487
NH3 target, perp. magnetic field
5.9 GeV beam
HMS momentum: 3.1 GeV/c
HMS angle: 15.4 degree

|HMS_delta| < 8%
Beam polarization > 40%
Beam current > 55 nA

Charge normalized
Polarization included

Pink : negative target polarization
Blue : positive target polarization

HMS perpendicular runs without charge norm. and dt cor.



Run # 72486-72487
NH3 target, perp. magnetic field
5.9 GeV beam
HMS momentum: 3.1 GeV/c
HMS angle: 15.4 degree

|HMS_delta| < 8%
Beam polarization > 40%
Beam current > 55 nA

Only polarization included

Pink : negative target polarization
Blue : positive target polarization