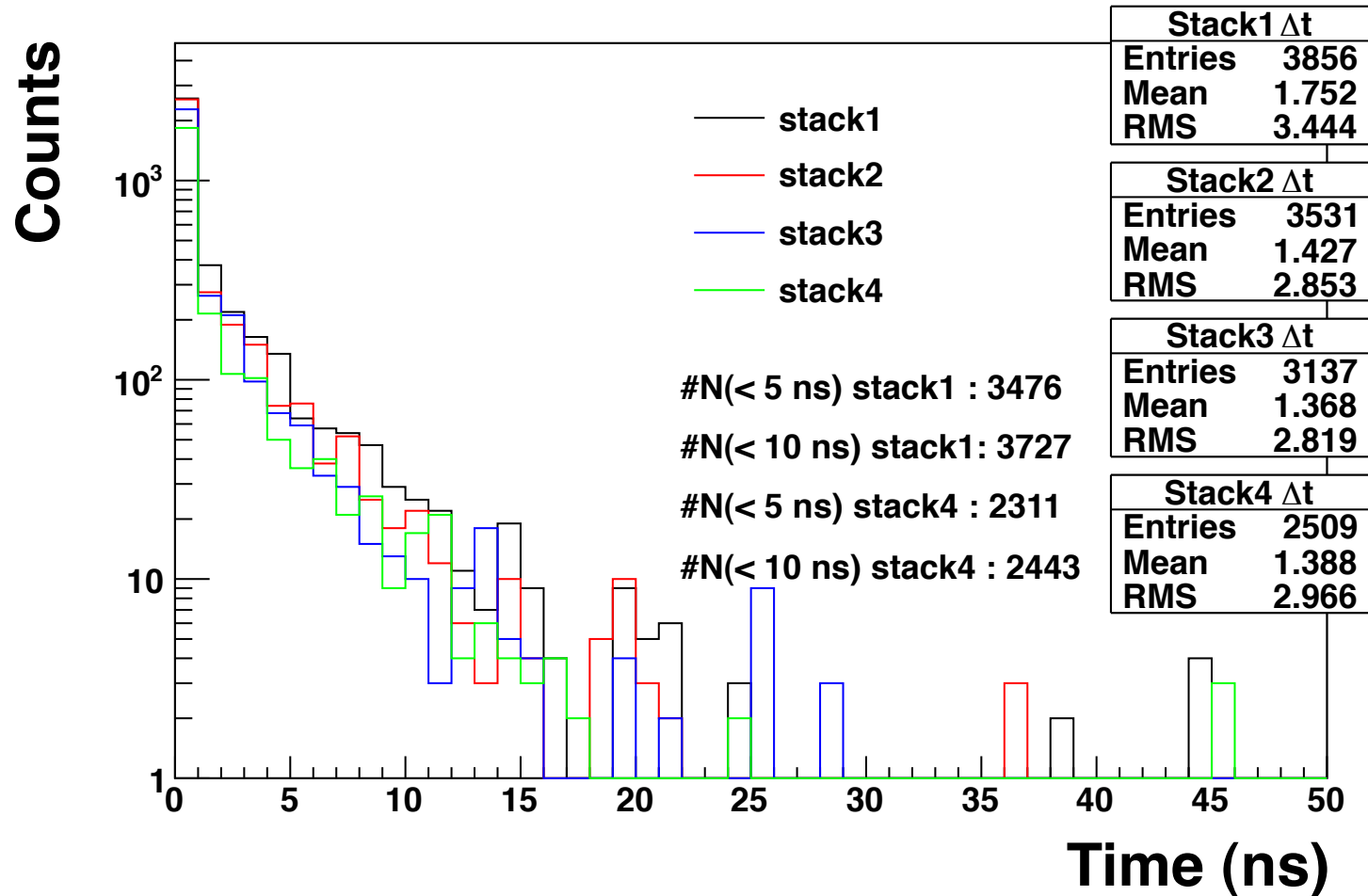


Time distribution in each stack(backscattering is not included)

Simulation condition

- Incident neutron position : 5cm 5cm 10m(in front of detector)
- Neutron energy : 300MeV
- Gap between stacks : 60 cm
- Detector threshold : 10 MeV

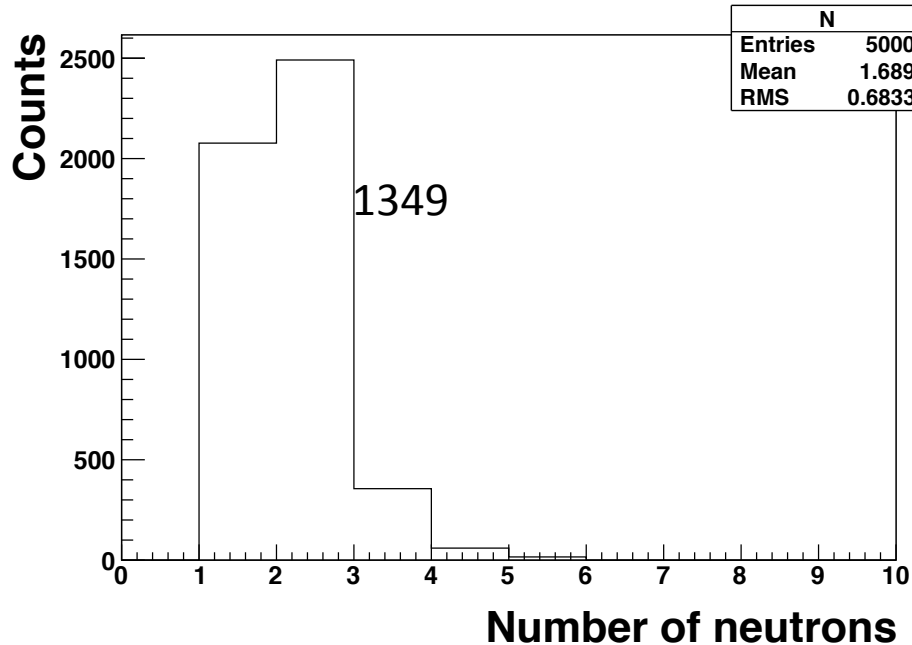


Number of neutrons

Simulation condition

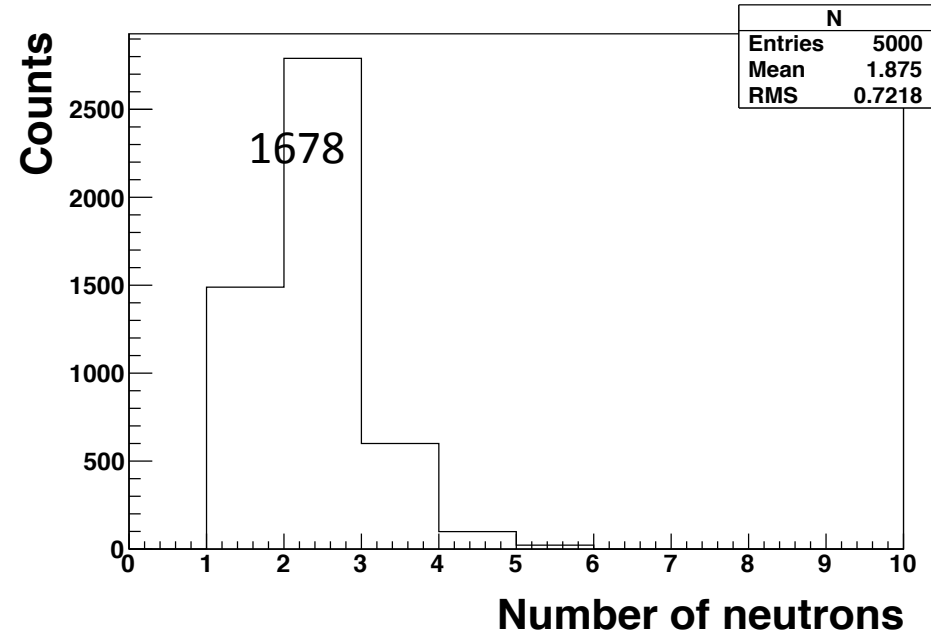
- Incident neutron position : (-5cm, 5cm, 10m) ,(5cm, 5cm, 10m)
- Neutron energy : 300MeV, 250 MeV
- Gap between stacks : 60 cm

Without time constraint



Correctly discriminated events : 1349

With time constraint (5 ns)



Correctly discriminated events : 1678