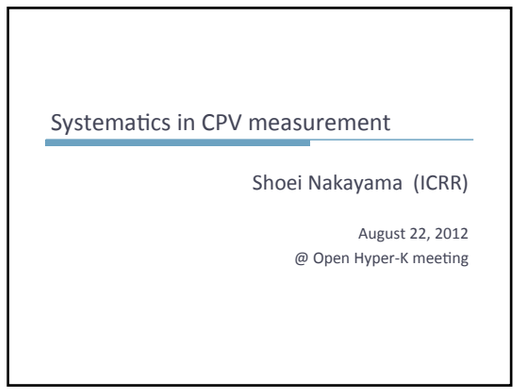
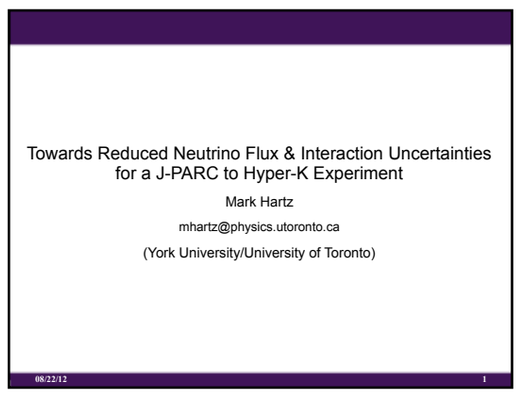
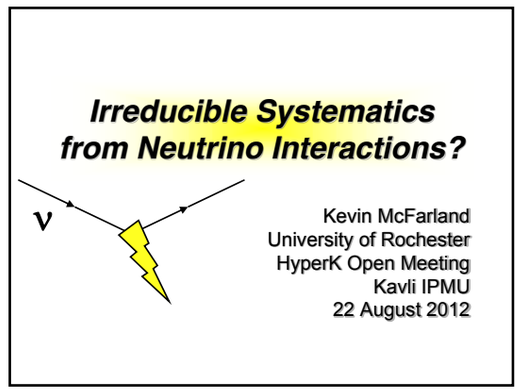
Physics discussion session

- Milestones (homework)
- Working groups

CPV measurement



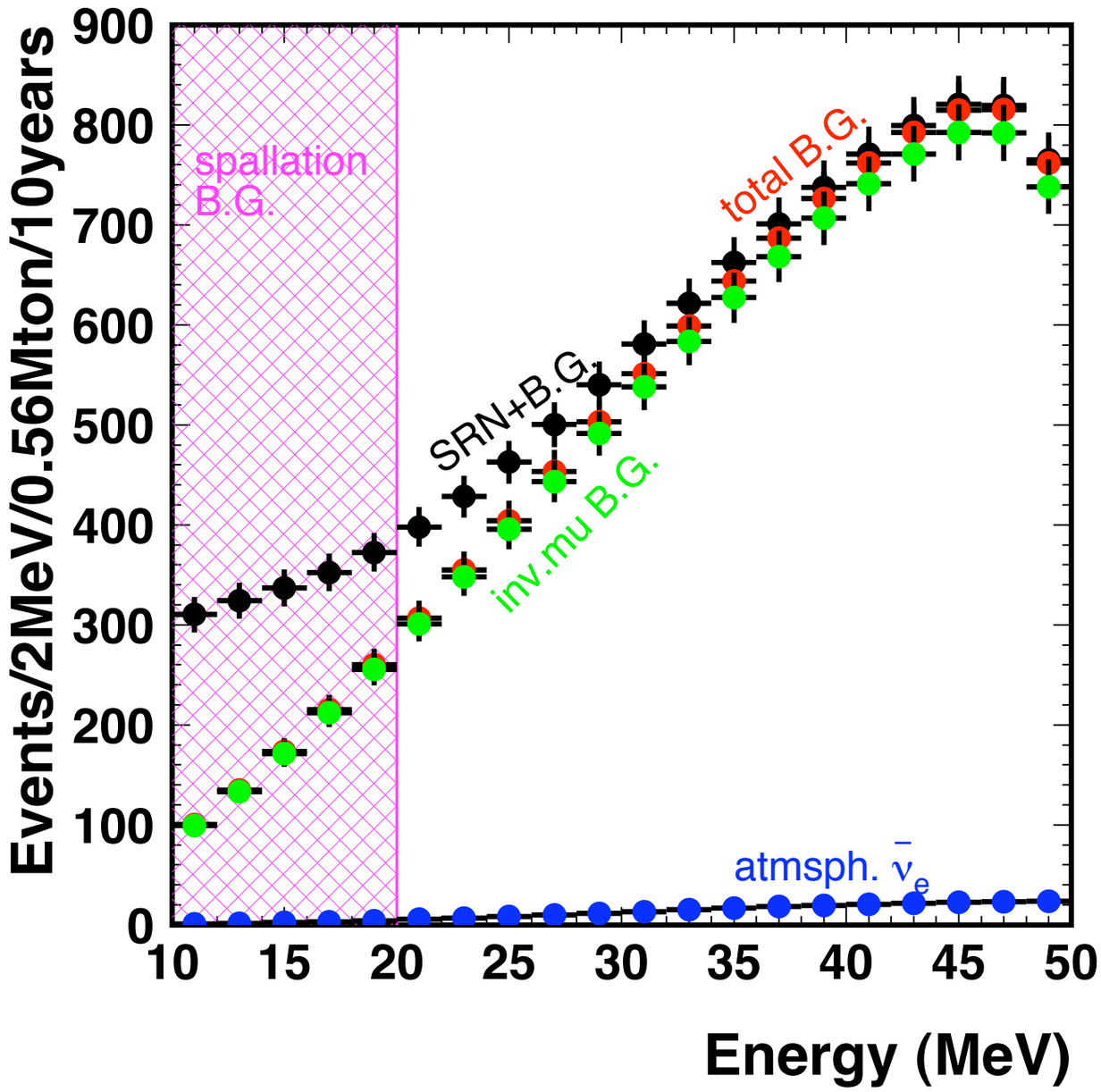




- Systematic uncertainties are important in CPV measurement
- Need to quantify and make plans
  - List possible systematics sources
  - Identify systematics with large effect
  - How and how much constrain uncertainties
  - Baseline configuration of near detector(s)

‘Low energy’ physics

- Make clear what can be achieved with current baseline design (overburden / photocoverage)



- All studies should be updated with latest information
  - Value of θ_{13}, ..

- If there are any other idea, always welcome

WGs

Physics WG conveners
Yokoyama

Phys-WG1 conveners

Phys-WG2 conveners

• • •

Phys-WG1: Accelerator — Yokoyama (tentative)
Phys-WG2: Atmν+Nucleon decays — R. Wendell
Phys-WG3: Astroparticle Physics (SN, solarν, etc) — Y. Takeuchi