

Gun

- 0. **EventNo**: Event number (starting from 0)
- 1. **ParticleID**: PDG ID of the particle
- 2. **Energy**: Energy of the particle (MeV)
- 3. **Direction_X**: Momentum direction x of the particle
- 4. **Direction_Y**: Momentum direction y of the particle
- 5. **Direction_Z**: Momentum direction z of the particle
- 6. **Position_X**: Starting position x of the particle (mm)
- 7. **Position_Y**: Starting position y of the particle (mm)
- 8. **Position_Z**: Starting position z of the particle (mm)
- 9. **costheta**: cosinus of zenith angle of the particle direction
- 10. **theta**: zenith angle of the particle direction
- 11. **phi**: azimuth angle of the particle direction