

Run Group B: run 6420

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Abstract

This document details the data analysis of RG-B 10 GeV electron beam on the gaseous D₂ target.

1 Electron Selection

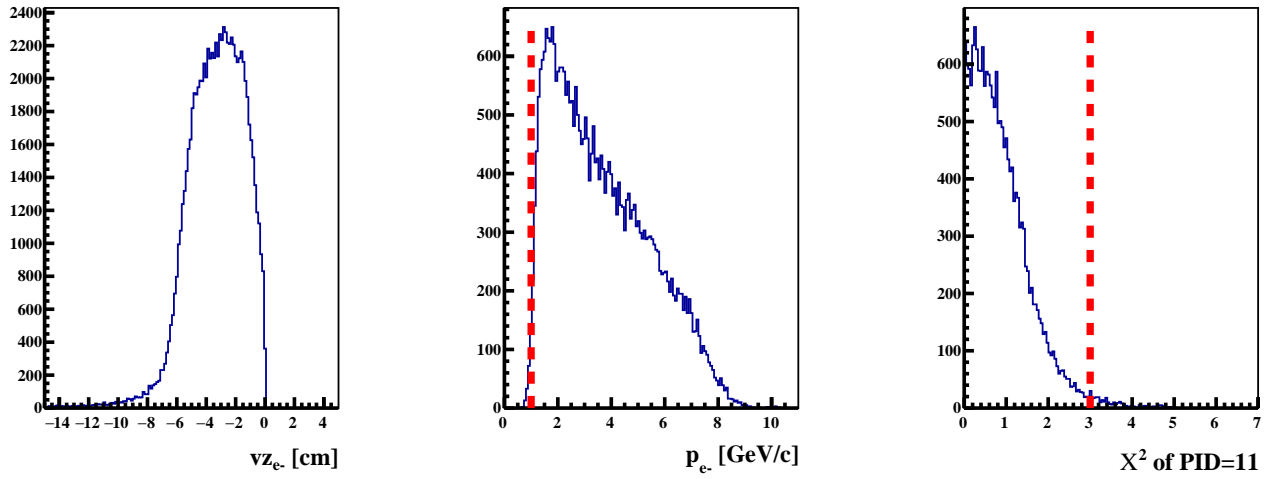


Figure 1: The z-vertex distribution, momentum distribution, and χ^2 for PID 11.

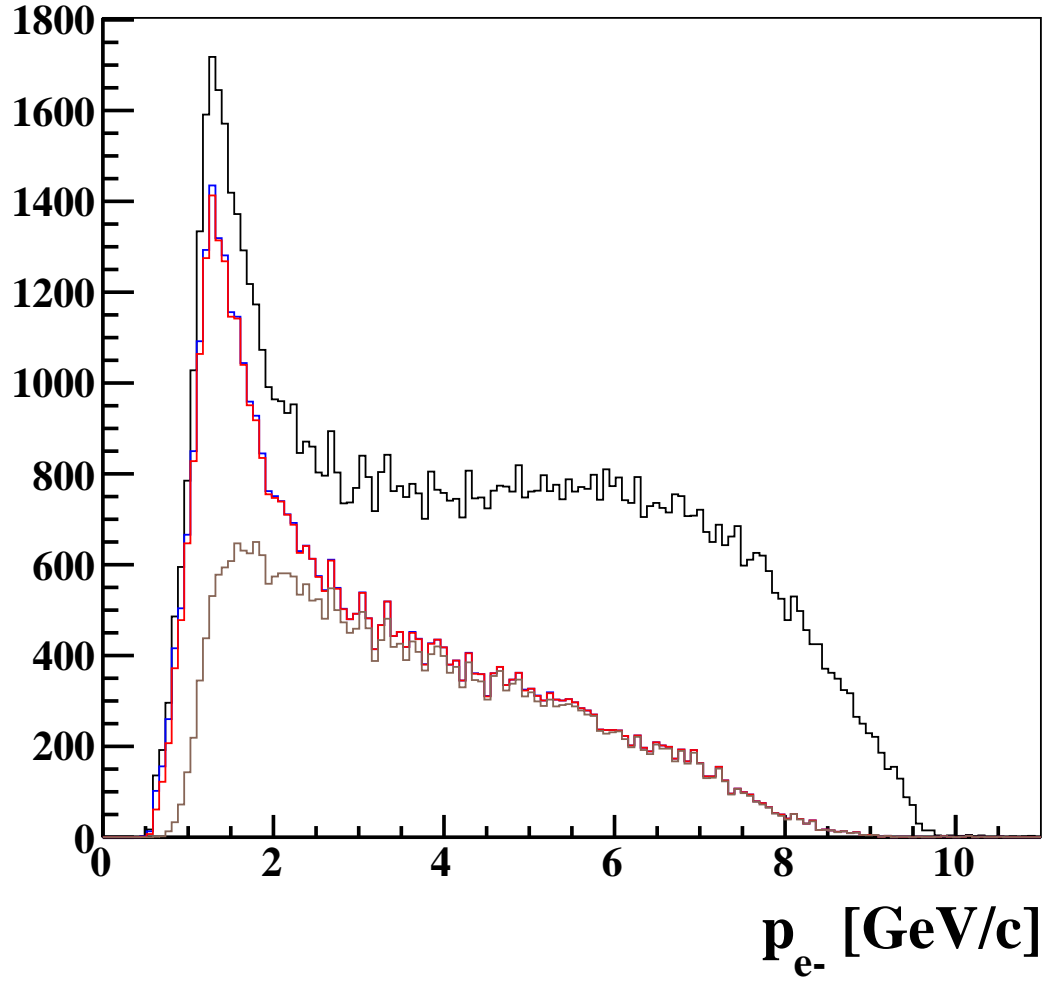


Figure 2: Electron momentum distributions after vz , $+uvw$, $+pcal$, $+ec$ cuts.

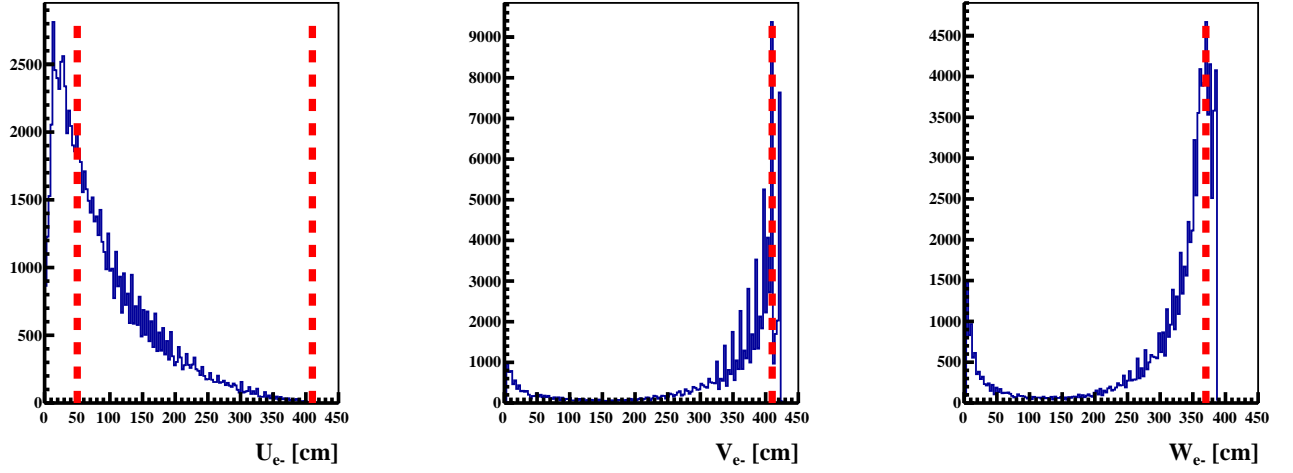


Figure 3:

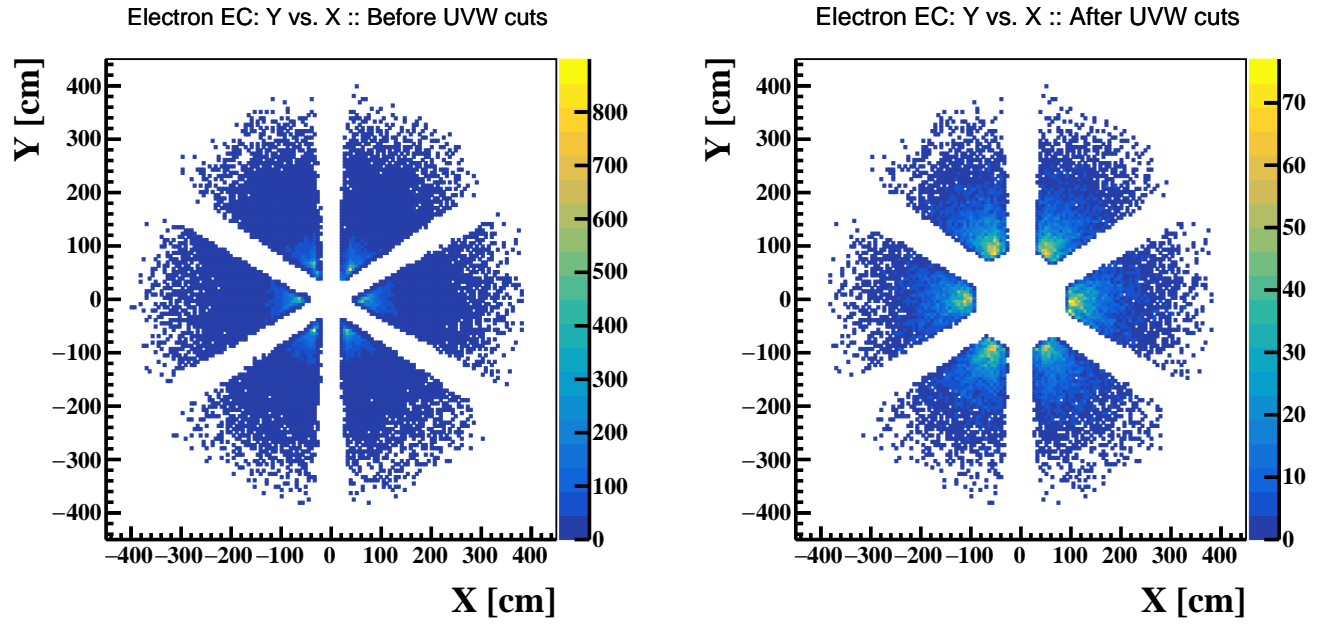


Figure 4:

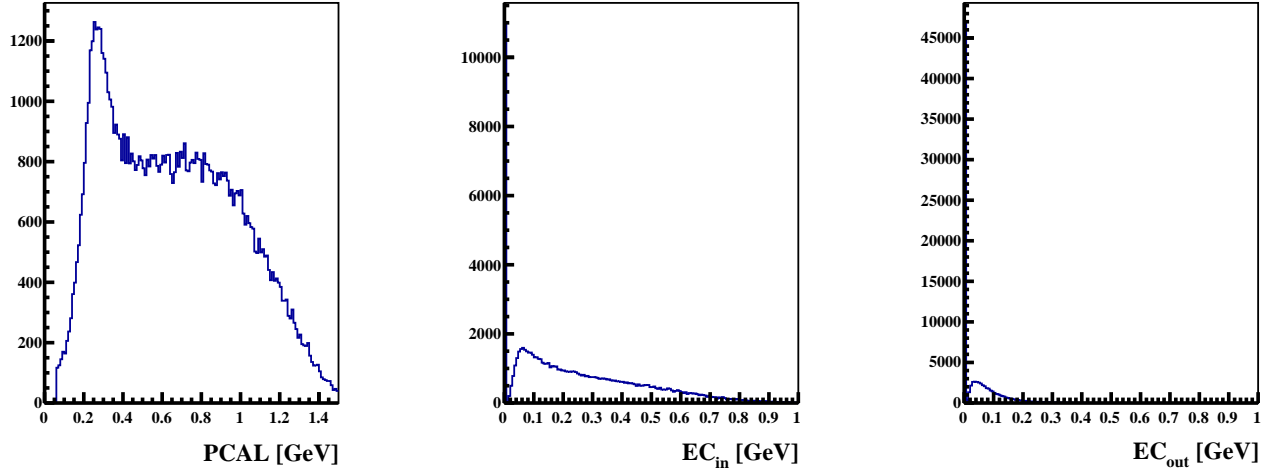
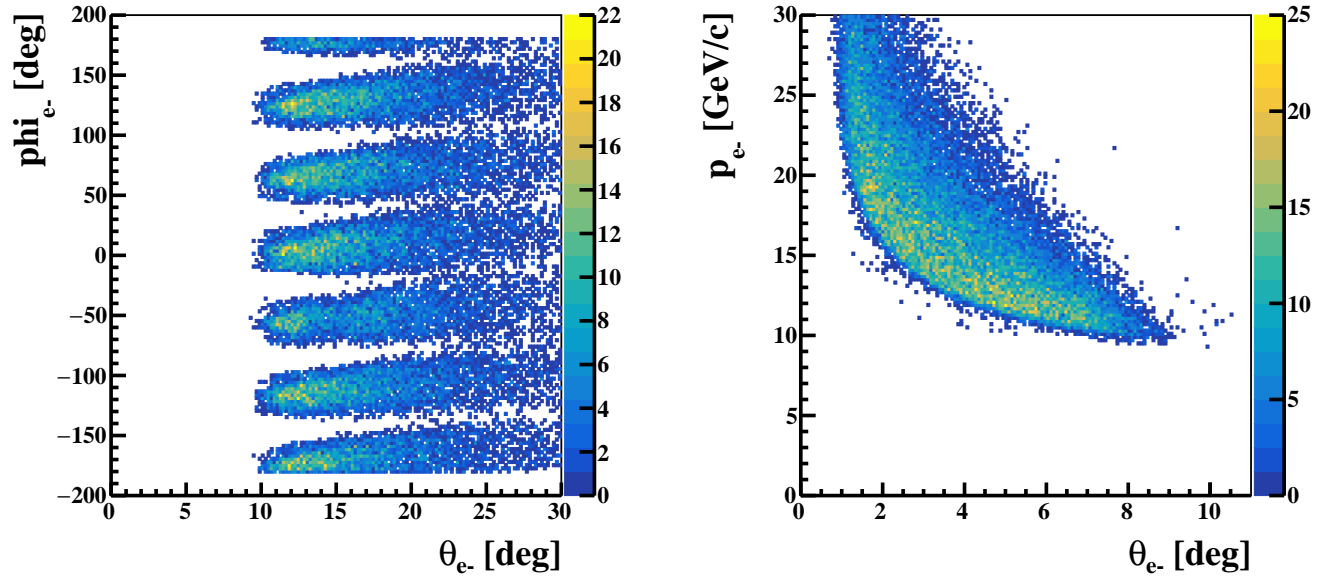
Figure 5: PID=11 after v_z cut.

Figure 6:

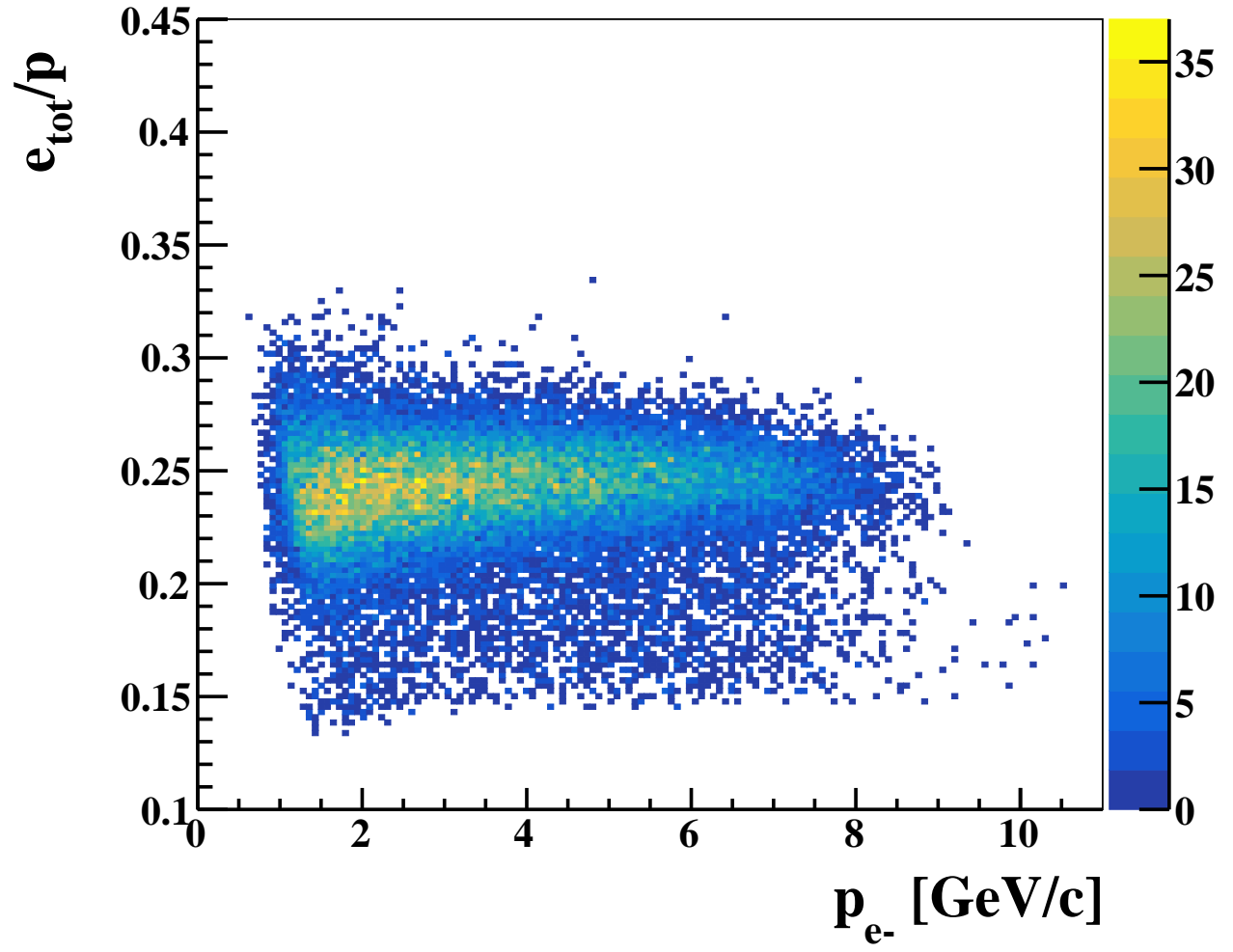


Figure 7:

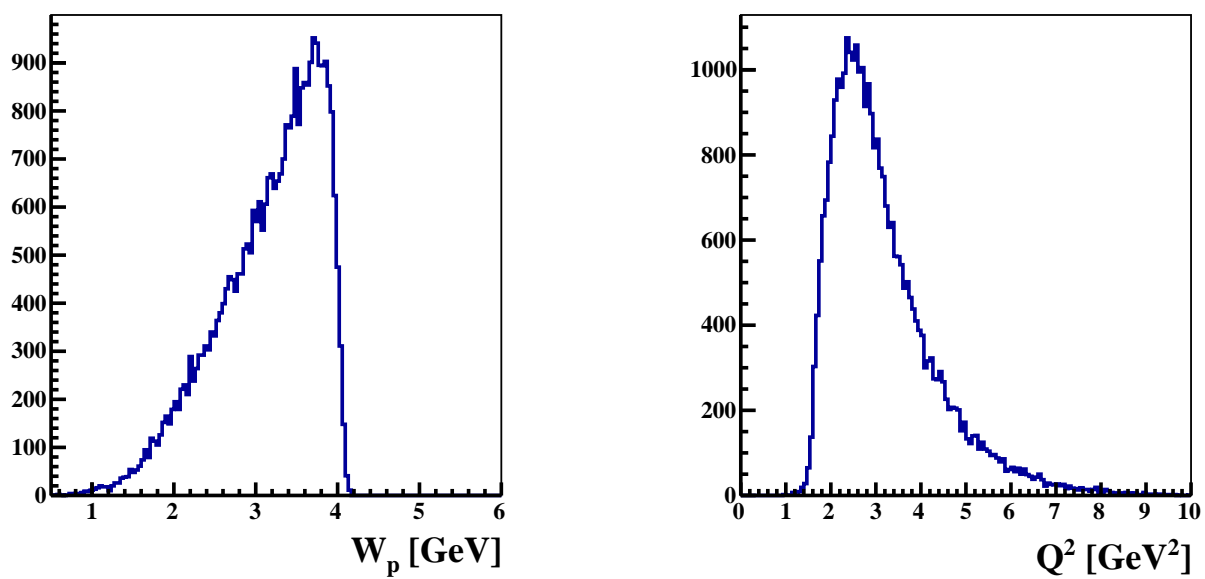


Figure 8: