The CMS Preliminary result shows a plot of events against the BDT score of the photon ID. The x-axis represents the BDT score, ranging from -1 to 1. The y-axis represents the logarithm of the number of events, ranging from 10^2 to 10^8.

The plot includes the following simulations and data points:

- Data points are represented by black dots.
- Simulation for H → γγ with m_H = 125 GeV is shown in red.
- Total background is shown in blue.
- γ-γ background is shown in blue.
- γ-jet background is shown in blue.
- Jet-jet background is shown in blue.

The CMS Preliminary result is based on 2.5 fb^-1 (13 TeV) data.