

Z+Jet

Figure 1 displays the LHA $\lambda_{0.5}^1$ (CMS jet substructure) distribution. The top panel shows the distribution of $\lambda_{0.5}^1$ for CMS (black squares) and Pythia 8.183 default (blue triangles) models. The bottom panel shows the ratio of the two distributions, with a green shaded region indicating the ratio to CMS.

$\lambda_{0.5}^1$ (LHA)	CMS $dN/d\lambda_{0.5}^1$	Pythia 8.183 $dN/d\lambda_{0.5}^1$	Ratio (Pythia/CMS)
0.1	~100	~100	~1.0
0.2	~100	~1000	~1.0
0.3	~100	~2500	~1.0
0.4	~100	~1500	~1.0
0.5	~100	~500	~1.0
0.6	~100	~200	~1.0
0.8	~100	~50	~1.0

LHA