

Z azimuthal angle

$d\sigma/d\phi_Z$  [pb]

- POWHEG
- ME+PS (1-jet)  $\times 1.2$
- LO+PS  $\times 1.2$
- POWHEG (rel-1.2.3)

1.4

1.2

1

0.8

0.6

0

1

2

3

4

5

6

$\phi_Z$

Ratio