

Tuned Setup

These results were obtained by running POWHEG-BOX at revision 2182, after the following modifications to the POWHEG code were done

```

Index: init_processes.f
=====
--- init_processes.f      (revision 2182)
+++ init_processes.f      (working copy)
@@ -32,7 +32,7 @@
  c      decay products of the vector boson
        tmp=powheginput('vdecaymode')

-      if (lepmass(1).ne.0.51099891d-3) then
+      if (lepmass(1).ne.0.510998928d-3) then
        write(*,*) 'block data lepmass not loaded. stop running'
        stop
      endif
@@ -189,5 +189,5 @@
  block data lepmass_data
  real *8 lepmass(3),decmass
  common/clepmass/lepmass,decmass
-  data lepmass /0.51099891d-3,0.1056583668d0,1.77684d0/
+  data lepmass /0.510998928d-3,0.1056583715d0,1.77682d0/
  end

```

The input files and corresponding results are listed below

W+

- LO input_card results
- NLO input_card results

W-

- LO input_card results
- NLO input_card results

Z

- LO input_card results
- NLO input_card results

Benchmark Setup

-- SimoneAlioli - 2017-02-17

This topic: [Main > Powheg_input_files](#)

Topic revision: r3 - 2017-02-20 - EmanueleRe



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