

137 fb<sup>-1</sup> (13 TeV)

**CMS**

*in Progress simulation*

1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

50  
45  
40  
35  
30  
25  
20  
15  
10  
5

2000

4000

6000

8000

10000

12000

14000

16000

18000

20000

22000

24000

26000

28000

30000

32000

34000

36000

38000

40000

42000

44000

46000

48000

50000

52000

54000

56000

58000

60000

62000

64000

66000

68000

70000

72000

74000

76000

78000

80000

82000

84000

86000

88000

90000

92000

94000

96000

98000

100000

102000

104000

106000

108000

110000

112000

114000

116000

118000

120000

122000

124000

126000

128000

130000

132000

134000

136000

138000

140000

142000

144000

146000

148000

150000

152000

154000

156000

158000

160000

162000

164000

166000

168000

170000

172000

174000

176000

178000

180000

182000

184000

186000

188000

190000

192000

194000

196000

198000

200000

202000

204000

206000

208000

210000

212000

214000

216000

218000

220000

222000

224000

226000

228000

230000

232000

234000

236000

238000

240000

242000

244000

246000

248000

250000

252000

254000

256000

258000

260000

262000

264000

266000

268000

270000

272000

274000

276000

278000

280000

282000

284000

286000

288000

290000

292000

294000

296000

298000

300000

302000

304000

306000

308000

310000

312000

314000

316000

318000

320000

322000

324000

326000

328000

330000

332000

334000

336000

338000

340000

342000

344000

346000

348000

350000

352000

354000

356000

358000

360000

362000

364000

366000

368000

370000

372000

374000

376000

378000

380000

382000

384000

386000

388000

390000

392000

394000

396000

398000

400000

402000

404000

406000

408000

410000

412000

414000

416000

418000

420000

422000

424000

426000

428000

430000

432000

434000

436000

438000

440000

442000

444000

446000

448000

450000

452000

454000

456000

458000

460000

462000

464000

466000

468000

470000

472000

474000

476000

478000

480000

482000

484000

486000

488000

490000

492000

494000

496000

498000

500000

502000

504000

506000

508000

510000

512000

514000

516000

518000

520000

522000

524000

526000

528000

530000

532000

534000

536000

538000

540000

542000

544000

546000

548000

550000

552000

554000

556000

558000

560000

562000

564000

566000

568000

570000

572000

574000

576000

578000

580000

582000

584000

586000

588000

590000

592000

594000

596000

598000

600000

602000

604000

606000

608000

610000