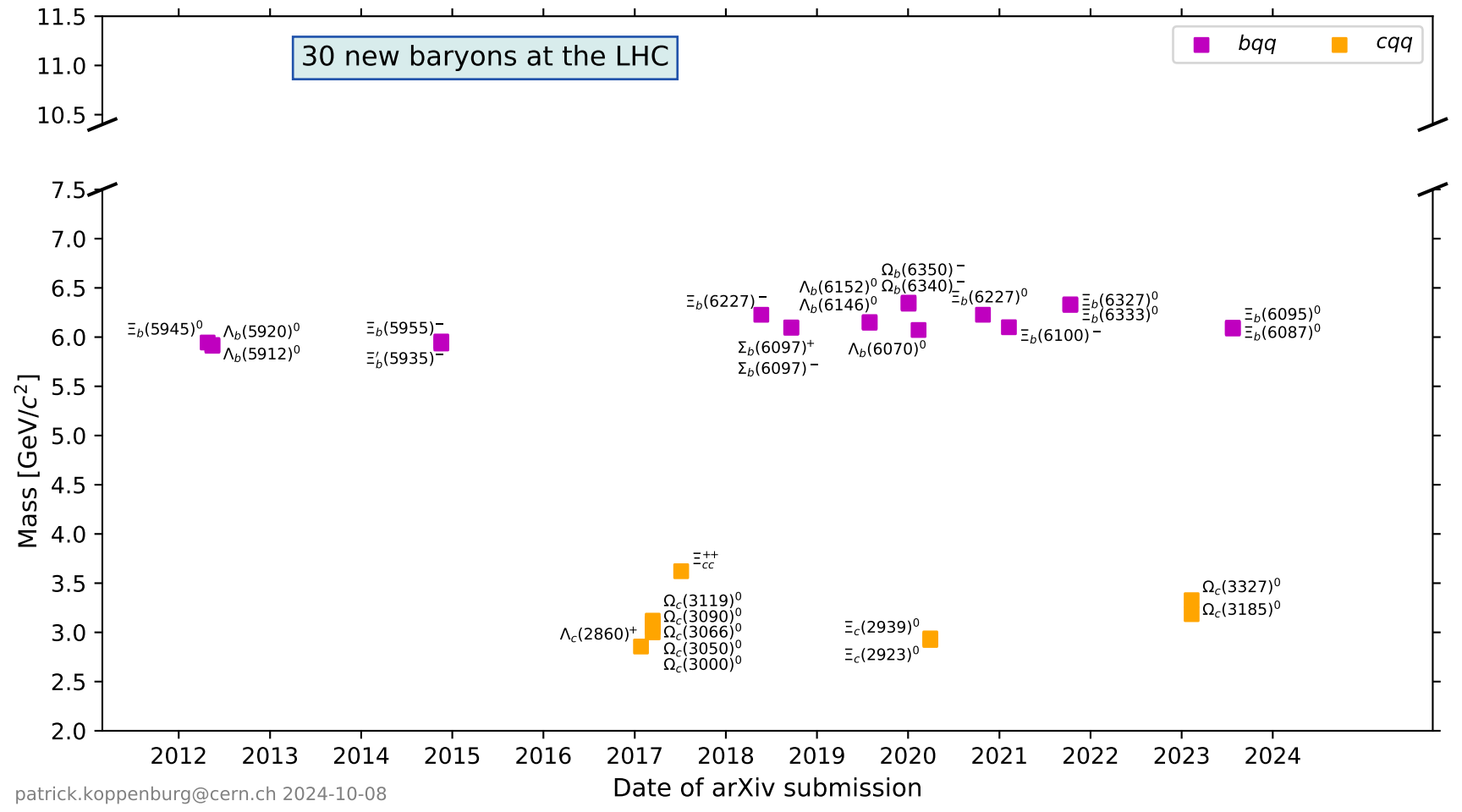
30 new baryons at the LHC
bqq
cqq
Mass [GeV/c²]
Date of arXiv submission
Ξb(5945)0
Λb(5920)0
Λb(5912)0
Ξb(5955)−
Ξ′b(5935)−
Ξb(6227)−
Σb(6097)+
Σb(6097)−
Λb(6152)0
Λb(6146)0
Λb(6070)0
Ωb(6350)−
Ωb(6340)−
Ξb(6227)0
Ξb(6100)−
Ξb(6327)0
Ξb(6333)0
Ξb(6095)0
Ξb(6087)0
Ξ++cc
Ωc(3119)0
Ωc(3090)0
Ωc(3066)0
Ωc(3050)0
Ωc(3000)0
Λc(2860)+
Ξc(2939)0
Ξc(2923)0
Ωc(3327)0
Ωc(3185)0
11.5
11.0
10.5
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024