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Luminosity Assumptions

Based on luminosities from Mke Lamont since Sep 2015, Updated March 2016, IB, HV, CA Irradiation pattern (assuming 75% peak up to LS3 and 100% after, inelast sigma = 75nb up to LS1 80nb after):

| Run | peak lumi / [cm ² s ⁻¹] | integral lumi / [fb ⁻¹] |
|------|------------------------------------------------|-------------------------------------|
| 2012 | 8.0E33 | 30.0 (30/fb total) |
| LS | | |
| 2015 | 6.3E33 | 4.0 |
| 2016 | 1.4E34 | 34.0 |
| 2017 | 1.6E34 | 36.0 |
| 2018 | 1.6E34 | 36.0 (140/fb total) |
| LS2 | | |
| 2021 | 2E34 | 60.0 |
| 2022 | 2E34 | 60.0 |
| 2023 | 2E34 | 60.0 (320/fb total) |
| LS3 | | |

-- AnnaCimino - 2016-09-16

This topic: Min > CMSActivationLS3

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