

Общий список

Статьи:

1. Sirunyan A.M. et al. (CMS Collaboration). Azimuthal anisotropy of charged particles with transverse momentum up to 100 GeV/c in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV // Phys.Lett.B776: 195--216, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$
2. Sirunyan A.M. et al. (CMS Collaboration). Measurements of $\bar{t}t$ cross sections in association with b jets and inclusive jets and their ratio using dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B776: 355-378, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$
3. Sirunyan A.M. et al. (CMS Collaboration). Suppression of excited Upsilon states relative to the ground state in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV // Phys.Rev.Lett. 120: 142301, 2018. ПРHD = $9,227 \cdot 30 \cdot 0,007 = 1,94$
4. Sirunyan A.M. et al. (CMS Collaboration). Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B778: 101-127, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$
5. Sirunyan A.M. et al. (CMS Collaboration). Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $\sqrt{s} = 8$ TeV // JHEP 1803: 167, 2018. ПРHD = $5,833 \cdot 30 \cdot 0,007 = 1,22$
6. Sirunyan A.M. et al. (CMS Collaboration). Search for the pair production of third-generation squarks with two-body decays to a bottom or charm quark and a neutralino in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B778: 263-291, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$
7. Sirunyan A.M. et al. (CMS Collaboration). Observation of the Higgs boson decay to a pair of tau leptons // Phys.Lett.B779: 283-316, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$
8. Sirunyan A.M. et al. (CMS Collaboration). Search for single production of a vector-like T quark decaying to a Z boson and a top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B781: 574-600, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$
9. Sirunyan A.M. et al. (CMS Collaboration). Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in pPb and PbPb collisions at the LHC // Phys.Rev.C97: 044912, 2018. ПРHD = $3,132 \cdot 30 \cdot 0,007 = 0,66$
10. Sirunyan A.M. et al. (CMS Collaboration). Search for vector-like light-flavor quark partners in proton-proton collisions at $\sqrt{s}=8$ TeV // Phys.Rev.D97: 072008, 2018. ПРHD = $4,368 \cdot 30 \cdot 0,007 = 0,92$
11. Sirunyan A.M. et al. (CMS Collaboration). Measurement of prompt D^0 meson azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV // Phys.Rev.Lett. 120: 202301, 2018. ПРHD = $9,227 \cdot 30 \cdot 0,007 = 1,94$
12. Sirunyan A.M. et al. (CMS Collaboration). Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b}l\bar{l}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1801: 054, 2018. ПРHD = $5,833 \cdot 30 \cdot 0,007 = 1,22$
13. Sirunyan A.M. et al. (CMS Collaboration). Nuclear modification factor of D^0 mesons in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV // Phys.Lett.B782: 474-496, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$
14. Sirunyan A.M. et al. (CMS Collaboration). Search for massive resonances decaying into WW , WZ , ZZ , qW , and qZ with dijet final states at $\sqrt{s} = 13$ TeV // Phys.Rev.D97: 072006, 2018. ПРHD = $4,368 \cdot 30 \cdot 0,007 = 0,92$
15. Sirunyan A.M. et al. (CMS Collaboration). Measurement of normalized differential t - \bar{t} cross sections in the dilepton channel from pp collisions at $\sqrt{s} = 13$ TeV // JHEP 1804: 060, 2018. ПРHD = $5,833 \cdot 30 \cdot 0,007 = 1,22$
16. Sirunyan A.M. et al. (CMS Collaboration). Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in proton-proton collisions at 13 TeV // Phys.Lett.B777: 39-63, 2018. ПРHD = $4,162 \cdot 30 \cdot 0,007 = 0,87$

17. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the splitting function in pp and PbPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // Phys.Rev.Lett. 120: 142302, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
18. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry with Higgs boson to diphoton decays using the razor variables at $\sqrt{s} = 13$ TeV // Phys.Lett.B779: 166-190, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
19. Sirunyan A.M. et al. (CMS Collaboration). Search for higgsino pair production in pp collisions at $\sqrt{s} = 13$ TeV in final states with large missing transverse momentum and two Higgs bosons decaying via $\text{H} \rightarrow \text{b} \overline{\text{b}}$ // Phys.Rev.D97: 032007, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
20. Morad Aaboud et al. (ATLAS and CMS Collaborations). Combination of inclusive and differential $\text{t} \overline{\text{t}}$ charge asymmetry measurements using ATLAS and CMS data at $\sqrt{s} = 7$ and 8 TeV // JHEP 1804: 033, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
21. Sirunyan A.M. et al. (CMS Collaboration). Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1803: 166, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
22. Sirunyan A.M. et al. (CMS Collaboration). Inclusive search for a highly boosted Higgs boson decaying to a bottom quark-antiquark pair // Phys.Rev.Lett. 120: 071802, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
23. Sirunyan A.M. et al. (CMS Collaboration). Observation of electroweak production of same-sign W boson pairs in the two jet and two same-sign lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.Lett. 120: 081801, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
24. Sirunyan A.M. et al. (CMS Collaboration). Evidence for the Higgs boson decay to a bottom quark-antiquark pair // Phys.Lett.B780: 501-532, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
25. Sirunyan A.M. et al. (CMS Collaboration). Measurements of the $\text{pp} \rightarrow \text{ZZ}$ production cross section and the $\text{Z} \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C78: 165, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
26. Sirunyan A.M. et al. (CMS Collaboration). Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV // JHEP 1803: 076, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
27. Sirunyan A.M. et al. (CMS Collaboration). Observation of correlated azimuthal anisotropy Fourier harmonics in pp and pPb collisions at the LHC // Phys.Rev.Lett. 120: 092301, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
28. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in events with one lepton and multiple jets exploiting the angular correlation between the lepton and the missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B780: 384-409, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
29. Sirunyan A.M. et al. (CMS Collaboration). Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1801: 097, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
30. Sirunyan A.M. et al. (CMS Collaboration). Search for pair production of vector-like quarks in the $\text{bW} \overline{\text{b}} \text{W}$ channel from proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B779: 82-106, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
31. Sirunyan A.M. et al. (CMS Collaboration). Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s} = 7$ TeV // Eur.Phys.J.C78: no.3,242, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
32. Sirunyan A.M. et al. (CMS Collaboration). Measurement of angular parameters from the decay $\text{B}^0 \rightarrow \text{K}^{*0} \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV // Phys.Lett.B781: 517-541, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$

33. Sirunyan A.M. et al. (CMS Collaboration). Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B781: 244-269, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
34. Sirunyan A.M. et al. (CMS Collaboration). Pseudorapidity and transverse momentum dependence of flow harmonics in pPb and PbPb collisions // Phys.Rev.C98: 044902, 2018. $\text{IPHD} = 3,132 \cdot 30 \cdot 0,007 = 0,66$
35. Sirunyan A.M. et al. (CMS Collaboration). Measurement of differential cross sections in the ϕ variable for inclusive Z boson production in pp collisions at $\sqrt{s} = 8$ TeV // JHEP 1803: 172, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
36. Sirunyan A.M. et al. (CMS Collaboration). Measurement of b hadron lifetimes in pp collisions at $\sqrt{s} = 8$ TeV // Eur.Phys.J.C78: no.6, 457, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
37. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1802: 067, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
38. Sirunyan A.M. et al. (CMS Collaboration). Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ and 8.16 TeV // JHEP 1801: 045, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
39. Sirunyan A.M. et al. (CMS Collaboration). Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C78: no.2, 140, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
40. Sirunyan A.M. et al. (CMS Collaboration). Measurement of quarkonium production cross sections in pp collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B780: 251-272, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
41. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in proton-proton collisions at 13 TeV using identified top quarks // Phys.Rev.D97: 012007, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
42. Sirunyan A.M. et al. (CMS Collaboration). Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C78: no.4, 291, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
43. Sirunyan A.M. et al. (CMS Collaboration). Search for top squarks and dark matter particles in opposite-charge dilepton final states at $\sqrt{s} = 13$ TeV // Phys.Rev.D97: 032009, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
44. Sirunyan A.M. et al. (CMS Collaboration). Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s} = 8$ TeV // Eur.Phys.J.C78: no.4, 287, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
45. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the cross section for top quark pair production in association with a W or Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1808: 011, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
46. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the inclusive $\overline{t}t$ cross section in pp collisions at $\sqrt{s} = 5.02$ TeV using final states with at least one charged lepton // JHEP 1803: 115, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
47. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1807: 032, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
48. Sirunyan A.M. et al. (CMS Collaboration). Search for diboson resonances in the $2\ell 2\nu$ final state // JHEP 1803: 003, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
49. Sirunyan A.M. et al. (CMS Collaboration). Search for excited states of light and heavy flavor quarks in the γ +jet final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B781: 390-411, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$

50. Sirunyan A.M. et al. (CMS Collaboration). Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // Phys.Lett.B789: 643--665, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
51. Sirunyan A.M. et al. (CMS Collaboration). Search for gauge-mediated supersymmetry in events with at least one photon and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B780: 118-143, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
52. Sirunyan A.M. et al. (CMS Collaboration). Search for new long-lived particles at $\sqrt{s} = 13$ TeV // Phys.Lett.B780: 432-454, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
53. Sirunyan A.M. et al. (CMS Collaboration). Study of jet quenching with isolated-photon+jet correlations in PbPb and pp collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // Phys.Lett.B785: 14-39, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
54. Sirunyan A.M. et al. (CMS Collaboration). Search for pair production of excited top quarks in the lepton+jets final state // Phys.Lett.B778: 349-370, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
55. Sirunyan A.M. et al. (CMS Collaboration). Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $\sqrt{s} = 8$ TeV // JHEP 1802: 032, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
56. Sirunyan A.M. et al. (CMS Collaboration). Search for new physics in final states with an energetic jet or a hadronically decaying W or Z boson and transverse momentum imbalance at $\sqrt{s} = 13$ TeV // Phys.Rev.D97: 092005, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
57. Sirunyan A.M. et al. (CMS Collaboration). Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at $\sqrt{s} = 13$ TeV // JHEP 1806: 102, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
58. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the associated production of a single top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B779: 358-384, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
59. Sirunyan A.M. et al. (CMS Collaboration). Search for Z γ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1809: 148, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
60. Sirunyan A.M. et al. (CMS Collaboration). Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C78: no.7, 566, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
61. Sirunyan A.M. et al. (CMS Collaboration). Search for the X(5568) state decaying into $\text{B}^0_{\text{c}} \pi^{\pm}$ in proton-proton collisions at $\sqrt{s} = 8$ TeV // Phys.Rev.Lett. 120: 202005, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
62. Sirunyan A.M. et al. (CMS Collaboration). Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV // JINST 13: P05011, 2018. $\text{IPHD} = 1,366 \cdot 30 \cdot 0,007 = 0,29$
63. Sirunyan A.M. et al. (CMS Collaboration). Search for lepton flavour violating decays of the Higgs boson to $\mu\tau$ and $e\tau$ in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1806: 001, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
64. Sirunyan A.M. et al. (CMS Collaboration). Study of Bose-Einstein correlations in pp, pPb, and PbPb collisions at the LHC // Phys.Rev.C97: no.6,064912, 2018. $\text{IPHD} = 3,132 \cdot 30 \cdot 0,007 = 0,66$
65. Sirunyan A.M. et al. (CMS Collaboration). Search for physics beyond the standard model in events with high-momentum Higgs bosons and missing transverse momentum in proton-proton collisions at 13 TeV // Phys.Rev.Lett. 120: no.24,241801, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
66. Sirunyan A.M. et al. (CMS Collaboration). Search for R-parity violating supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV using b jets in a final state with a single lepton, many jets, and high sum of large-radius jet masses // Phys.Lett.B783: 114-139, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
67. Sirunyan A.M. et al. (CMS Collaboration). Measurement of prompt and nonprompt charmonium suppression in PbPb collisions at 5.02 TeV // Eur.Phys.J.C78: no.6, 509, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$

68. Sirunyan A.M. et al. (CMS Collaboration). Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C78: no.7, 589, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
69. Sirunyan A.M. et al. (CMS Collaboration). Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1805: 127, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
70. Sirunyan A.M. et al. (CMS Collaboration). Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B782: 440-467, 2018. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
71. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the $\text{Z} \rightarrow \tau^+ \tau^-$ cross section in pp collisions at $\sqrt{s} = 13$ TeV and validation of τ lepton analysis techniques // Eur.Phys.J.C78: no.9, 708, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
72. Sirunyan A.M. et al. (CMS Collaboration). Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1803: 160, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
73. Sirunyan A.M. et al. (CMS Collaboration). Observation of medium induced modifications of jet fragmentation in PbPb collisions using isolated-photon-tagged jets // Phys.Rev.Lett. 121: no.24, 242301, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
74. Sirunyan A.M. et al. (CMS Collaboration). Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s} = 13$ TeV // JHEP 1806: 27, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
75. Sirunyan A.M. et al. (CMS Collaboration). Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // JHEP 1803: 181, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
76. Sirunyan A.M. et al. (CMS Collaboration). Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\mu$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1804: 73, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
77. Sirunyan A.M. et al. (CMS Collaboration). Search for single production of vector-like quarks decaying to a b quark and a Higgs boson // JHEP 1806: 31, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
78. Sirunyan A.M. et al. (CMS Collaboration). Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s} = 13$ TeV in final states with jets and missing transverse momentum // JHEP 1805: 25, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
79. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV // JHEP 1807: 161, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
80. Sirunyan A.M. et al. (CMS Collaboration). Search for heavy neutral leptons in events with three charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.Lett. 120: no.22, 221801, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
81. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the Λ_b polarization and angular parameters in $\Lambda_b \rightarrow J/\psi$, Λ_b decays from pp collisions at $\sqrt{s} = 7$ and 8 TeV // Phys.Rev.D97: no.7, 072010, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
82. Sirunyan A.M. et al. (CMS Collaboration). Search for narrow resonances in the b-tagged dijet mass spectrum in proton-proton collisions at $\sqrt{s} = 8$ TeV // Phys.Rev.Lett. 120: no.20, 201801, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
83. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $\sqrt{s} = 13$ TeV // JHEP 1805: 88, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
84. Sirunyan A.M. et al. (CMS Collaboration). Jet properties in PbPb and pp collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // JHEP 1805: 6, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$

85. Sirunyan A.M. et al. (CMS Collaboration). Search for third-generation scalar leptoquarks decaying to a top quark and a τ lepton at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C78: 707, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
86. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy resonance decaying into a Z boson and a vector boson in the $\nu \overline{\nu} \mathit{q} \overline{\mathit{q}}$ final state // JHEP 1807: 75, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
87. Sirunyan A.M. et al. (CMS Collaboration). Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1806: 2, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
88. Sirunyan A.M. et al. (CMS and TOTEM Collaborations). Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer // JHEP 1807: 153, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
89. Sirunyan A.M. et al. (CMS Collaboration). Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying τ leptons at $\sqrt{s} = 13$ TeV // JHEP 1808: 66, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
90. Sirunyan A.M. et al. (CMS Collaboration). Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1806: 120, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
91. Sirunyan A.M. et al. (CMS Collaboration). Search for additional neutral MSSM Higgs bosons in the $\tau\tau$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1809: 7, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
92. Sirunyan A.M. et al. (CMS Collaboration). Search for $\mathit{t} \overline{\mathit{t}} \mathit{H}$ production in the all-jet final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1806: 101, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
93. Sirunyan A.M. et al. (CMS Collaboration). Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on dark matter and other models // Eur.Phys.J.C78: no.9, 789, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
94. Sirunyan A.M. et al. (CMS Collaboration). Measurement of differential cross sections for the production of top quark pairs and of additional jets in lepton+jets events from pp collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D97: no.11, 112003, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
95. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2\ell 2q$ final states at $\sqrt{s} = 13$ TeV // JHEP 1809: 101, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
96. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s} = 13$ TeV // JHEP 1805: no.05, 148, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
97. Sirunyan A.M. et al. (CMS Collaboration). Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s} = 13$ TeV // JHEP 1806: 128, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
98. Sirunyan A.M. et al. (CMS Collaboration). Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1806: 127, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
99. Sirunyan A.M. et al. (CMS Collaboration). Observation of $\mathit{t} \overline{\mathit{t}} \mathit{H}$ production // Phys.Rev.Lett. 120: no.23, 231801, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
100. Sirunyan A.M. et al. (CMS Collaboration). Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1811: 185, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
101. Sirunyan A.M. et al. (CMS Collaboration). Search for $\mathit{t} \overline{\mathit{t}} \mathit{H} \to \mathit{b} \overline{\mathit{b}}$ production in the $\mathit{H} \to \mathit{b} \overline{\mathit{b}}$ decay channel with leptonic τ

- $\overline{\text{t}}$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 3: 26, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
102. Sirunyan A.M. et al. (CMS Collaboration). Performance of the CMS muon detector and muon reconstruction with proton-proton collisions at $\sqrt{s}=13$ TeV // JINST 13: no.06, P06015, 2018. ПPHД = $1,366 \cdot 30 \cdot 0,007 = 0,29$
103. Sirunyan A.M. et al. (CMS Collaboration). Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s}=13$ TeV // Eur.Phys.J.C78: no.11, 965, 2018. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
104. Sirunyan A.M. et al. (CMS Collaboration). Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1808: 16, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
105. Sirunyan A.M. et al. (CMS Collaboration). Elliptic flow of charm and strange hadrons in high-multiplicity pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV // Phys.Rev.Lett. 121: no.8, 082301, 2018. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
106. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the top quark mass with lepton+jets final states using pp collisions at $\sqrt{s}=13$ TeV // Eur.Phys.J.C78: no.11, 891, 2018. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
107. Sirunyan A.M. et al. (CMS Collaboration). Measurement of prompt $\psi(2S)$ production cross sections in proton-lead and proton-proton collisions at $\sqrt{s_{NN}}=5.02$ TeV // Phys.Lett.B790: 509--532, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
108. Sirunyan A.M. et al. (CMS Collaboration). Constraining gluon distributions in nuclei using dijets in proton-proton and proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV // Phys.Rev.Lett. 121: no.6, 062002, 2018. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
109. Sirunyan A.M. et al. (CMS Collaboration). Search for vector-like T and B quark pairs in final states with leptons at $\sqrt{s}=13$ TeV // JHEP 1808: 177, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
110. Sirunyan A.M. et al. (CMS Collaboration). Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two τ leptons in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1811: 18, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
111. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02$ TeV // JHEP 1810: 161, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
112. Sirunyan A.M. et al. (CMS Collaboration). Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1809: 65, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
113. Sirunyan A.M. et al. (CMS Collaboration). Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1811: 42, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
114. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1810: 117, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
115. Sirunyan A.M. et al. (CMS Collaboration). Measurement of nuclear modification factors of $\Upsilon(1S)$, $\Upsilon(2S)$, and $\Upsilon(3S)$ mesons in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV // Phys.Lett.B790: 270--293, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
116. Sirunyan A.M. et al. (CMS Collaboration). Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two τ leptons in proton-proton collisions at $\sqrt{s}=13$ TeV // Phys.Lett.B785: 462, 2018. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$

117. Sirunyan A.M. et al. (CMS Collaboration). Constraints on models of scalar and vector leptoquarks decaying to a quark and a neutrino at $\sqrt{s}=13$ TeV // Phys.Rev.D98: no.3, 032005, 2018. ПPHД = $4,368 \cdot 30 \cdot 0,007 = 0,92$
118. Sirunyan A.M. et al. (CMS Collaboration). Observation of the $\chi_{\mathbf{b}1}(3P)$ and $\chi_{\mathbf{b}2}(3P)$ and measurement of their masses // Phys.Rev.Lett. 121: 92002, 2018. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
119. Sirunyan A.M. et al. (CMS Collaboration). Search for beyond the standard model Higgs bosons decaying into a $\overline{b}b$ pair in pp collisions at $\sqrt{s}=13$ TeV // JHEP 1808: 113, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
120. Sirunyan A.M. et al. (CMS Collaboration). Search for Higgs boson pair production in the $\gamma\gamma\overline{b}b$ final state in pp collisions at $\sqrt{s}=13$ TeV // Phys.Lett.B788: 7-36, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
121. Sirunyan A.M. et al. (CMS Collaboration). Angular analysis of the decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s}=8$ TeV // Phys.Rev.D98: no.11, 112011, 2018. ПPHД = $4,368 \cdot 30 \cdot 0,007 = 0,92$
122. Sirunyan A.M. et al. (CMS Collaboration). Search for narrow and broad dijet resonances in proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on dark matter mediators and other new particles // JHEP 1808: 130, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
123. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in pp collisions at 8 TeV // Eur.Phys.J.C78: no.9, 701, 2018. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
124. Sirunyan A.M. et al. (CMS Collaboration). Search for pair-produced resonances each decaying into at least four quarks in proton-proton collisions at $\sqrt{s}=13$ TeV // Phys.Rev.Lett. 121: no.14, 141802, 2018. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
125. Sirunyan A.M. et al. (CMS Collaboration). Search for a singly produced third-generation scalar leptoquark decaying to a τ lepton and a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1807: 115, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
126. Sirunyan A.M. et al. (CMS Collaboration). Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV // JHEP 1808: 152, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
127. Sirunyan A.M. et al. (CMS Collaboration). Observation of the $Z \rightarrow \psi \ell^+ \ell^-$ decay in pp collisions at $\sqrt{s}=13$ TeV // Phys.Rev.Lett. 121: no.14, 141801, 2018. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
128. Sirunyan A.M. et al. (CMS Collaboration). Search for dark matter produced in association with a Higgs boson decaying to $\gamma\gamma$ or $\tau^+ \tau^-$ at $\sqrt{s}=13$ TeV // JHEP 1809: 46, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
129. Sirunyan A.M. et al. (CMS Collaboration). Measurements of properties of the Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s}=13$ TeV // Phys.Lett.B791: 96, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
130. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetric partners of electrons and muons in proton-proton collisions at $\sqrt{s}=13$ TeV // Phys.Lett.B790: 140--166, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
131. Sirunyan A.M. et al. (CMS Collaboration). Search for the decay of a Higgs boson in the $\ell\ell\gamma$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1811: 152, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
132. Sirunyan A.M. et al. (CMS Collaboration). Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1: 122, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
133. Sirunyan A.M. et al. (CMS Collaboration). Measurement of differential cross sections for Z boson pair production in association with jets at $\sqrt{s}=8$ and 13 TeV // Phys.Lett.B789: 19-44, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$

134. Sirunyan A.M. et al. (CMS Collaboration). Measurement of charged particle spectra in minimum-bias events from proton–proton collisions at $\sqrt{s}=13\text{ TeV}$ // Eur.Phys.J.C78: no.9, 697, 2018. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
135. Sirunyan A.M. et al. (CMS Collaboration). Measurement of differential cross sections for inclusive isolated-photon and photon+jets production in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // Eur.Phys.J.C79: no.1, 20, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
136. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in events with a τ lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // JHEP 1811: 151, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
137. Sirunyan A.M. et al. (CMS Collaboration). Study of the underlying event in top quark pair production in $p\bar{p}$ collisions at 13 TeV // Eur.Phys.J.C79: no.2, 123, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
138. Sirunyan A.M. et al. (CMS Collaboration). Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13\text{ TeV}$ // JHEP 11: 172, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
139. Sirunyan A.M. et al. (CMS Collaboration). Precision measurement of the structure of the CMS inner tracking system using nuclear interactions // JINST 13: no.10, P10034, 2018. ПPHД = $1,366 \cdot 30 \cdot 0,007 = 0,29$
140. Sirunyan A.M. et al. (CMS Collaboration). Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // JHEP 1: 183, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
141. Sirunyan A.M. et al. (CMS Collaboration). Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // JHEP 1811: 113, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
142. Sirunyan A.M. et al. (CMS Collaboration). Search for the Higgs boson decaying to two muons in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // Phys.Rev.Lett. 122: no.2, 21801, 2019. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
143. Sirunyan A.M. et al. (CMS Collaboration). Search for dark matter particles produced in association with a top quark pair at $\sqrt{s}=13\text{ TeV}$ // Phys.Rev.Lett. 122: no.1, 11803, 2019. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
144. Sirunyan A.M. et al. (CMS Collaboration). Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // JHEP 1811: 79, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
145. Sirunyan A.M. et al. (CMS Collaboration). Search for a W' boson decaying to a τ lepton and a neutrino in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // Phys.Lett.B792: 107--131, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
146. Sirunyan A.M. et al. (CMS Collaboration). Search for narrow $H\gamma$ resonances in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // Phys.Rev.Lett. 122: no.8, 81804, 2019. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
147. Sirunyan A.M. et al. (CMS Collaboration). Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV // JHEP 1: 51, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
148. Sirunyan A.M. et al. (CMS Collaboration). Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // JHEP 1: 40, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
149. Sirunyan A.M. et al. (CMS Collaboration). Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV // JHEP 1811: 161, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
150. Sirunyan A.M. et al. (CMS Collaboration). Evidence for the associated production of a single top quark and a photon in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ // Phys.Rev.Lett. 121: no.22, 221802, 2018. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$

151. Sirunyan A.M. et al. (CMS Collaboration). Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D98: no.9, 092011, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
152. Sirunyan A.M. et al. (CMS Collaboration). Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D98: 112014, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
153. Sirunyan A.M. et al. (CMS Collaboration). Search for an $L_{\mu} - L_{\tau}$ gauge boson using $Z \rightarrow 4\mu$ events in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B792: 345--368, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
154. Sirunyan A.M. et al. (CMS Collaboration). Search for pair production of second-generation leptoquarks at $\sqrt{s} = 13$ TeV // Phys.Rev.D99: no.3, 32014, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
155. Sirunyan A.M. et al. (CMS Collaboration). Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV // JHEP 1811: 115, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
156. Sirunyan A.M. et al. (CMS Collaboration). Measurement of jet substructure observables in \overline{t} events from proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D98: no.9, 092014, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
157. Sirunyan A.M. et al. (CMS Collaboration). Observation of Higgs boson decay to bottom quarks // Phys.Rev.Lett. 121: no.12, 121801, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
158. Sirunyan A.M. et al. (CMS Collaboration). Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV // JHEP 1810: 138, 2018. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
159. Sirunyan A.M. et al. (CMS Collaboration). Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D98: no.9, 092001, 2018. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
160. Sirunyan A.M. et al. (CMS Collaboration). Performance of reconstruction and identification of τ leptons decaying to hadrons and ν_{τ} in pp collisions at $\sqrt{s} = 13$ TeV // JINST 13: no.10, P10005, 2018. $\text{IPHD} = 1,366 \cdot 30 \cdot 0,007 = 0,29$
161. Sirunyan A.M. et al. (CMS Collaboration). Studies of B_s^0 and B_{s1}^0 mesons including the observation of the $B_s^0 \rightarrow B^0 \bar{K}^0 S$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV // Eur.Phys.J.C78: no.11, 939, 2018. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
162. Sirunyan A.M. et al. (CMS Collaboration). Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $\sqrt{s} = 13$ TeV via Higgs boson decays to τ leptons // JHEP 6: 93, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
163. Sirunyan A.M. et al. (CMS Collaboration). Search for leptoquarks coupled to third-generation quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.Lett. 121: no.24, 241802, 2018. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
164. Sirunyan A.M. et al. (CMS Collaboration). Search for invisible decays of a Higgs boson produced through vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B793: 520--551, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
165. Sirunyan A.M. et al. (CMS Collaboration). Search for single production of vector-like quarks decaying to a top quark and a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C79: 90, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
166. Sirunyan A.M. et al. (CMS Collaboration). Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and pp Collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // Phys.Rev.Lett. 122: no.15, 152001, 2019. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
167. Sirunyan A.M. et al. (CMS Collaboration). Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C79: no.5, 421, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$

168. Sirunyan A.M. et al. (CMS Collaboration). Measurement of exclusive Υ photoproduction from protons in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV // Eur.Phys.J.C79: no.3, 277, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
169. Sirunyan A.M. et al. (CMS Collaboration). Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 2: 74, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
170. Sirunyan A.M. et al. (CMS Collaboration). Observation of prompt J/ψ meson elliptic flow in high-multiplicity pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV // Phys.Lett.B791: 172--194, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
171. Sirunyan A.M. et al. (CMS Collaboration). Measurement of B^0_{s} meson production in pp and PbPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV // Phys.Lett.B796: 168--190, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
172. Sirunyan A.M. et al. (CMS Collaboration). Search for top quark partners with charge $5/3$ in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 3: 82, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
173. Sirunyan A.M. et al. (CMS Collaboration). Evidence for light-by-light scattering and searches for axion-like particles in ultraperipheral PbPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV // Phys.Lett.B797: 134826, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
174. Sirunyan A.M. et al. (CMS Collaboration). Centrality and pseudorapidity dependence of the transverse energy density in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV // Phys.Rev.C100: no.2, 24902, 2019. ПPHД = $3,132 \cdot 30 \cdot 0,007 = 0,66$
175. Sirunyan A.M. et al. (CMS Collaboration). Search for resonant $\overline{\mathrm{t}}\mathrm{t}$ production in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 4: 31, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
176. Sirunyan A.M. et al. (CMS Collaboration). Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C79: no.2, 94, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
177. Sirunyan A.M. et al. (CMS Collaboration). Search for new particles decaying to a jet and an emerging jet // JHEP 2: 179, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
178. Sirunyan A.M. et al. (CMS Collaboration). Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D99: no.1, 12010, 2019. ПPHД = $4,368 \cdot 30 \cdot 0,007 = 0,92$
179. Sirunyan A.M. et al. (CMS Collaboration). Studies of Beauty Suppression via Nonprompt D^0 Mesons in Pb-Pb Collisions at $Q^2 = 4$ GeV² // Phys.Rev.Lett. 123: no.2, 22001, 2019. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
180. Sirunyan A.M. et al. (CMS Collaboration). Search for low-mass resonances decaying into bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D99: no.1, 12005, 2019. ПPHД = $4,368 \cdot 30 \cdot 0,007 = 0,92$
181. Sirunyan A.M. et al. (CMS Collaboration). Search for nonresonant Higgs boson pair production in the $\overline{\mathrm{b}}\mathrm{b}$ final state at $\sqrt{s} = 13$ TeV // JHEP 4: 112, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
182. Sirunyan A.M. et al. (CMS Collaboration). Event shape variables measured using multijet final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 1812: 117, 2018. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
183. Sirunyan A.M. et al. (CMS Collaboration). Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two τ leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 3: 170, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
184. Sirunyan A.M. et al. (CMS Collaboration). Search for pair production of first-generation scalar leptoquarks at $\sqrt{s} = 13$ TeV // Phys.Rev.D99: no.5, 52002, 2019. ПPHД = $4,368 \cdot 30 \cdot 0,007 = 0,92$

185. Sirunyan A.M. et al. (CMS Collaboration). Search for excited leptons in $\ell\ell\gamma$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 4: 15, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
186. Sirunyan A.M. et al. (CMS Collaboration). Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s}=13$ TeV // Eur.Phys.J.C79: no.3, 280, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
187. Sirunyan A.M. et al. (CMS Collaboration). Measurements of $\overline{t}t$ differential cross sections in proton-proton collisions at $\sqrt{s}=13$ TeV using events containing two leptons // JHEP 2: 149, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
188. Sirunyan A.M. et al. (CMS Collaboration). Search for a W' boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state // JHEP 3: 127, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
189. Sirunyan A.M. et al. (CMS Collaboration). Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s}=13$ TeV // Phys.Rev.D99: no.3, 32011, 2019. ПPHД = $4,368 \cdot 30 \cdot 0,007 = 0,92$
190. Sirunyan A.M. et al. (CMS Collaboration). Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV // Phys.Lett.B793: 320--347, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
191. Sirunyan A.M. et al. (CMS Collaboration). Combination of searches for Higgs boson pair production in proton-proton collisions at $\sqrt{s}=13$ TeV // Phys.Rev.Lett. 122: no.12, 121803, 2019. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
192. Sirunyan A.M. et al. (CMS Collaboration). Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at $\sqrt{s}=13$ TeV // Phys.Rev.D99: no.9, 92005, 2019. ПPHД = $4,368 \cdot 30 \cdot 0,007 = 0,92$
193. Sirunyan A.M. et al. (CMS Collaboration). Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s}=13$ TeV // Eur.Phys.J.C79: no.4, 305, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
194. Sirunyan A.M. et al. (CMS Collaboration). Measurement of associated production of a W boson and a charm quark in proton-proton collisions at $\sqrt{s}=13$ TeV // Eur.Phys.J.C79: no.3, 269, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
195. Sirunyan A.M. et al. (CMS Collaboration). Search for dark matter in events with a leptoquark and missing transverse momentum in proton-proton collisions at 13 TeV // Phys.Lett.B795: 76--99, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
196. Sirunyan A.M. et al. (CMS Collaboration). A search for pair production of new light bosons decaying into muons in proton-proton collisions at 13 TeV // Phys.Lett.B796: 131--154, 2019. ПPHД = $4,162 \cdot 30 \cdot 0,007 = 0,87$
197. Sirunyan A.M. et al. (CMS Collaboration). Measurement of inclusive very forward jet cross sections in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV // JHEP 5: 43, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
198. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 1: 154, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$
199. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s}=13$ TeV // Eur.Phys.J.C79: no.5, 391, 2019. ПPHД = $4,843 \cdot 30 \cdot 0,007 = 1,02$
200. Sirunyan A.M. et al. (CMS Collaboration). Observation of Single Top Quark Production in Association with a Z Boson in Proton-Proton Collisions at $\sqrt{s}=13$ TeV // Phys.Rev.Lett. 122: no.13, 132003, 2019. ПPHД = $9,227 \cdot 30 \cdot 0,007 = 1,94$
201. Sirunyan A.M. et al. (CMS Collaboration). Inclusive search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV using razor variables and boosted object identification in zero and one lepton final states // JHEP 3: 31, 2019. ПPHД = $5,833 \cdot 30 \cdot 0,007 = 1,22$

202. Sirunyan A.M. et al. (CMS Collaboration). Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two muons and two b quarks in pp collisions at 13 TeV // *Phys.Lett.B795*: 398--423, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
203. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton+jets final state in pp collisions at $\sqrt{s} = 13$ TeV // *Eur.Phys.J.C79*: no.3, 208, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
204. Sirunyan A.M. et al. (CMS Collaboration). Measurement and interpretation of differential cross sections for Higgs boson production at $\sqrt{s} = 13$ TeV // *Phys.Lett.B792*: 369--396, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
205. Sirunyan A.M. et al. (CMS Collaboration). Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV // *Eur.Phys.J.C79*: no.4, 364, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
206. Sirunyan A.M. et al. (CMS Collaboration). Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at $\sqrt{s} = 13$ TeV // *JHEP* 4: 114, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
207. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the $\overline{t}t$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at $\sqrt{s} = 13$ TeV // *Eur.Phys.J.C79*: no.5, 368, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
208. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV // *JHEP* 12: 59, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
209. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the top quark mass in the all-jets final state at $\sqrt{s} = 13$ TeV and combination with the lepton+jets channel // *Eur.Phys.J.C79*: no.4, 313, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
210. Sirunyan A.M. et al. (CMS Collaboration). Measurements of the Higgs boson width and anomalous HVV couplings from on-shell and off-shell production in the four-lepton final state // *Phys.Rev.D99*: no.11, 112003, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
211. Sirunyan A.M. et al. (CMS Collaboration). Search for the pair production of light top squarks in the $e^+p\mu^-p$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // *JHEP* 3: 101, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
212. Sirunyan A.M. et al. (CMS Collaboration). Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV // *JHEP* 3: 141, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
213. Sirunyan A.M. et al. (CMS Collaboration). Measurements of the pp $t\bar{t}WZ$ inclusive and differential production cross section and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV // *JHEP* 4: 122, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
214. Sirunyan A.M. et al. (CMS Collaboration). Measurement of electroweak WZ boson production and search for new physics in WZ + two jets events in pp collisions at $\sqrt{s} = 13$ TeV // *Phys.Lett.B795*: 281--307, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
215. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in events with a photon, jets, b -jets, and missing transverse momentum in proton-proton collisions at 13 TeV // *Eur.Phys.J.C79*: no.5, 444, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
216. Sirunyan A.M. et al. (CMS Collaboration). Charged-particle angular correlations in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ TeV // *Phys.Rev.C100*: no.4, 44902, 2019. $\text{IPHD} = 3,132 \cdot 30 \cdot 0,007 = 0,66$
217. Sirunyan A.M. et al. (CMS Collaboration). Search for W boson decays to three charged pions // *Phys.Rev.Lett.* 122: no.15, 151802, 2019. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
218. Sirunyan A.M. et al. (CMS Collaboration). Observation of Two Excited B^+c States and Measurement of the $B^+c(2S)$ Mass in pp

Collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.Lett. 122: no.13, 132001, 2019. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$

219. Sirunyan A.M. et al. (CMS Collaboration). Measurement of exclusive $\rho(770)^0$ photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // Eur.Phys.J.C79: no.8, 702, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$

220. Sirunyan A.M. et al. (CMS Collaboration). Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV // Phys.Lett.B799: 135049, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$

221. Sirunyan A.M. et al. (CMS Collaboration). Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pp collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C79: no.9, 773, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$

222. Aaboud M. et al. (ATLAS and CMS Collaborations). Combinations of single-top-quark production cross-section measurements and $|\mathcal{L}_{\text{V}} \mathcal{V}_{\text{tb}}|$ determinations at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS experiments // JHEP 5: 88, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$

223. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C79: no.7, 564, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$

224. Sirunyan A.M. et al. (CMS Collaboration). An embedding technique to determine $\tau\tau$ backgrounds in proton-proton collision data // JINST 14: no.06, P06032, 2019. $\text{IPHD} = 1,366 \cdot 30 \cdot 0,007 = 0,29$

225. Sirunyan A.M. et al. (CMS Collaboration). Search for charged Higgs bosons in the $H^{\pm} \rightarrow \tau^{\pm} \nu_{\tau}$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 7: 142, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$

226. Sirunyan A.M. et al. (CMS Collaboration). Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 13$ TeV using the CMS detector // JINST 14: no.07, P07004, 2019. $\text{IPHD} = 1,366 \cdot 30 \cdot 0,007 = 0,29$

227. Sirunyan A.M. et al. (CMS Collaboration). Constraints on anomalous HVV couplings from the production of Higgs bosons decaying to τ lepton pairs // Phys.Rev.D100: no.11, 112002, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$

228. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV // JHEP 6: 143, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$

229. Sirunyan A.M. et al. (CMS Collaboration). Search for a low-mass $\tau^+ \tau^-$ resonance in association with a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 5: 210, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$

230. Sirunyan A.M. et al. (CMS Collaboration). Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // Eur.Phys.J.C79: no.11, 886, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$

231. Sirunyan A.M. et al. (CMS Collaboration). Search for resonances decaying to a pair of Higgs bosons in the $\overline{b} \overline{q} \ell \nu$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 10: 125, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$

232. Sirunyan A.M. et al. (CMS Collaboration). Search for the production of $W^{\pm} W^{\pm} \mu^{\mp}$ events at $\sqrt{s} = 13$ TeV // Phys.Rev.D100: no.1, 12004, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$

233. Sirunyan A.M. et al. (CMS Collaboration). Search for anomalous electroweak production of vector boson pairs in association with two jets in proton-proton collisions at 13 TeV // Phys.Lett.B798: 134985, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$

234. Sirunyan A.M. et al. (CMS Collaboration). Search for a light charged Higgs boson decaying to a W boson and a CP-odd Higgs boson in final states with $e\mu$ or $\mu\mu$ in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.Lett. 123: no.13, 131802, 2019. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$

235. Sirunyan A.M. et al. (CMS Collaboration). Search for low-mass quark-antiquark resonances produced in association with a photon at $\sqrt{s} = 13$ TeV // Phys.Rev.Lett. 123: no.23, 231803, 2019. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
236. Sirunyan A.M. et al. (CMS Collaboration). Search for Higgs and Z boson decays to J/ψ or Y pairs in the four-muon final state in proton-proton collisions at $s=13\text{TeV}$ // Phys.Lett.B797: 134811, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
237. Sirunyan A.M. et al. (CMS Collaboration). Search for vector-like leptons in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D100: no.5, 52003, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
238. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV // JHEP 8: 150, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
239. Sirunyan A.M. et al. (CMS Collaboration). Combination of CMS searches for heavy resonances decaying to pairs of bosons or leptons // Phys.Lett.B798: 134952, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
240. Sirunyan A.M. et al. (CMS Collaboration). Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 11: 82, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
241. Sirunyan A.M. et al. (CMS Collaboration). Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Lett.B797: 134876, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
242. Sirunyan A.M. et al. (CMS Collaboration). Search for pair production of vectorlike quarks in the fully hadronic final state // Phys.Rev.D100: no.7, 72001, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
243. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the top quark Yukawa coupling from $\mathit{t\bar{t}}$ kinematic distributions in the lepton+jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D100: no.7, 72007, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
244. Sirunyan A.M. et al. (CMS Collaboration). Search for MSSM Higgs bosons decaying to $\mu + \mu -$ in proton-proton collisions at $s=13\text{TeV}$ // Phys.Lett.B798: 134992, 2019. $\text{IPHD} = 4,162 \cdot 30 \cdot 0,007 = 0,87$
245. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the top quark polarization and $\mathit{t\bar{t}}$ spin correlations using dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D100: no.7, 72002, 2019. $\text{IPHD} = 4,368 \cdot 30 \cdot 0,007 = 0,92$
246. Sirunyan A.M. et al. (CMS Collaboration). Study of the $B^+ \rightarrow J/\psi \overline{\Lambda} p$ decay in proton-proton collisions at $\sqrt{s}=8$ TeV // JHEP 12: 100, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
247. Sirunyan A.M. et al. (CMS Collaboration). Search for physics beyond the standard model in events with overlapping photons and jets // Phys.Rev.Lett. 123: no.24, 241801, 2019. $\text{IPHD} = 9,227 \cdot 30 \cdot 0,007 = 1,94$
248. Sirunyan A.M. et al. (CMS Collaboration). Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in pp collisions at $\sqrt{s} = 8$ TeV // Eur.Phys.J.C79: no.11, 969, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$
249. Sirunyan A.M. et al. (CMS Collaboration). Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 12: 62, 2019. $\text{IPHD} = 5,833 \cdot 30 \cdot 0,007 = 1,22$
250. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13$ TeV // Eur.Phys.J.C79: no.11, 893, 2019. $\text{IPHD} = 4,843 \cdot 30 \cdot 0,007 = 1,02$

251. Sirunyan A.M. et al. (CMS Collaboration). Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 10: 139, 2019. ПРHD = $5,833 \cdot 30 \cdot 0,007 = 1,22$
252. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum // JHEP 10: 244, 2019. ПРHD = $5,833 \cdot 30 \cdot 0,007 = 1,22$
253. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry using Higgs boson to diphoton decays at $\sqrt{s} = 13$ TeV // JHEP 11: 109, 2019. ПРHD = $5,833 \cdot 30 \cdot 0,007 = 1,22$
254. Sirunyan A.M. et al. (CMS Collaboration). Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D100: no.11, 112007, 2019. ПРHD = $4,368 \cdot 30 \cdot 0,007 = 0,92$
255. Sirunyan A.M. et al. (CMS Collaboration). Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV // JHEP 12: 61, 2019. ПРHD = $5,833 \cdot 30 \cdot 0,007 = 1,22$
256. Sirunyan A.M. et al. (CMS Collaboration). Search for long-lived particles using delayed photons in proton-proton collisions at $\sqrt{s} = 13$ TeV // Phys.Rev.D100: no.11, 112003, 2019. ПРHD = $4,368 \cdot 30 \cdot 0,007 = 0,92$
257. Sirunyan A.M. et al. (CMS Collaboration). Probing the chiral magnetic wave in pPb and PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV using charge-dependent azimuthal anisotropies // Phys.Rev.C100: no.6, 64908, 2019. ПРHD = $3,132 \cdot 30 \cdot 0,007 = 0,66$

Препринты:

1. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the single top quark and antiquark production cross sections in the $t\bar{t}$ channel and their ratio in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1812.10514 [hep-ex], 2018. ПРHD = $3 \cdot 0,007 = 0,02$
2. Sirunyan A.M. et al. (CMS Collaboration). Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1903.04040 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
3. Sirunyan A.M. et al. (CMS Collaboration). Extraction and validation of a new set of CMS PYTHIA8 tunes from underlying-event measurements // arXiv:1903.12179 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
4. Sirunyan A.M. et al. (CMS Collaboration). Measurement of $\mathit{t\bar{t}}$ normalised multi-differential cross sections in pp collisions at $\sqrt{s} = 13$ TeV, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions // arXiv:1904.05237 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
5. Sirunyan A.M. et al. (CMS Collaboration). Multiparticle correlation studies in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV // arXiv:1904.11519 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
6. Sirunyan A.M. et al. (CMS Collaboration). Correlations of azimuthal anisotropy Fourier harmonics in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV // arXiv:1905.09935 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
7. Sirunyan A.M. et al. (CMS Collaboration). Production of Λ_c^+ baryons in proton-proton and lead-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV // arXiv:1906.03322 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
8. Sirunyan A.M. et al. (CMS Collaboration). A multi-dimensional search for new heavy resonances decaying to boosted WW, WZ, or ZZ boson pairs in the dijet final state at 13 TeV // arXiv:1906.05977 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
9. Sirunyan A.M. et al. (CMS Collaboration). Combined search for supersymmetry with photons in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1907.00857 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$

10. Sirunyan A.M. et al. (CMS Collaboration). Measurement of differential cross sections and charge ratios for t -channel single top quark production in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1907.08330 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
11. Sirunyan A.M. et al. (CMS Collaboration). Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1908.01115 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
12. Sirunyan A.M. et al. (CMS Collaboration). Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1908.01713 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
13. Sirunyan A.M. et al. (CMS Collaboration). Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1908.06463 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
14. Sirunyan A.M. et al. (CMS Collaboration). Search for a charged Higgs boson decaying into top and bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV in events with electrons or muons // arXiv:1908.09206 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
15. Sirunyan A.M. et al. (CMS Collaboration). Searches for physics beyond the standard model with the $M_{\mathrm{T}2}$ variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1909.03460 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
16. Sirunyan A.M. et al. (CMS Collaboration). Search for electroweak production of a vector-like T quark using fully hadronic final states // arXiv:1909.04721 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
17. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the $\mathit{t}\bar{\mathit{t}}\mathit{b}\bar{\mathit{b}}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s} = 13$ TeV // arXiv:1909.05306 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
18. Sirunyan A.M. et al. (CMS Collaboration). Evidence for WW production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1909.06265 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
19. Sirunyan A.M. et al. (CMS Collaboration). Running of the top quark mass from proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1909.09193 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
20. Sirunyan A.M. et al. (CMS Collaboration). Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV // arXiv:1910.00079 [physics.ins-det], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
21. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry with a compressed mass spectrum in events with a soft τ lepton, a highly energetic jet, and large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1910.01185 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
22. Sirunyan A.M. et al. (CMS Collaboration). Study of J/ ψ meson production from jet fragmentation in pp collisions at $\sqrt{s} = 8$ TeV // arXiv:1910.01686 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
23. Sirunyan A.M. et al. (CMS Collaboration). Strange hadron production in pp and pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV // arXiv:1910.04812 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
24. Sirunyan A.M. et al. (CMS Collaboration). Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in PbPb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ and 5.02 TeV // arXiv:1910.08789 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$
25. Sirunyan A.M. et al. (CMS Collaboration). Bose-Einstein correlations of charged hadrons in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1910.08815 [hep-ex], 2019. ПPHД = $3 \cdot 0,007 = 0,02$

26. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy pseudoscalar Higgs boson decaying into a 125 GeV Higgs boson and a Z boson in final states with two tau and two light leptons at $\sqrt{s} = 13$ TeV // arXiv:1910.11634 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
27. Sirunyan A.M. et al. (CMS Collaboration). Measurement of properties of $B^0 \rightarrow \mu^+ \mu^-$ decays and search for $B^0 \rightarrow \mu^+ \mu^-$ with the CMS experiment // arXiv:1910.12127 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
28. Sirunyan A.M. et al. (CMS Collaboration). Search for top squark pair production in a final state with two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1910.12932 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
29. Sirunyan A.M. et al. (CMS Collaboration). Studies of charm quark diffusion inside jets using PbPb and pp collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV // arXiv:1911.01461 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
30. Sirunyan A.M. et al. (CMS Collaboration). Search for dijet resonances using events with three jets in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.03761 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
31. Sirunyan A.M. et al. (CMS Collaboration). Search for new neutral Higgs bosons through the $H \rightarrow Z A \rightarrow \ell^+ \ell^- \bar{b} b$ process in pp collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.03781 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
32. Sirunyan A.M. et al. (CMS Collaboration). Observation of the $\Lambda_b^0 \rightarrow J/\psi \Lambda \phi$ decay in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.03789 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
33. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the jet mass distribution and top quark mass in hadronic decays of boosted top quarks in pp collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.03800 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
34. Sirunyan A.M. et al. (CMS Collaboration). Search for high mass dijet resonances with a new background prediction method in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.03947 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
35. Sirunyan A.M. et al. (CMS Collaboration). Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.04968 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
36. Sirunyan A.M. et al. (CMS Collaboration). Search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV with 137 fb^{-1} in final states with a single lepton using the sum of masses of large-radius jets // arXiv:1911.07558 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
37. Sirunyan A.M. et al. (CMS Collaboration). Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\mu \tau$ and $e \tau$ in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.10267 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
38. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the top quark pair production cross section in dilepton final states containing one τ lepton in pp collisions at $\sqrt{s} = 13$ TeV // arXiv:1911.13204 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
39. Sirunyan A.M. et al. (CMS Collaboration). Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1912.01594 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
40. Sirunyan A.M. et al. (CMS Collaboration). A search for the standard model Higgs boson decaying to charm quarks // arXiv:1912.01662 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
41. Sirunyan A.M. et al. (CMS Collaboration). Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV // arXiv:1912.03516 [physics.ins-det], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$
42. Sirunyan A.M. et al. (CMS Collaboration). Determination of the strong coupling constant $\alpha_S(m_Z)$ from measurements of inclusive W and Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV // arXiv:1912.04387 [hep-ex], 2019. $\text{IPHD} = 3 \cdot 0,007 = 0,02$

43. Sirunyan A.M. et al. (CMS Collaboration). Search for a narrow resonance lighter than 200 GeV decaying to a pair of muons in proton-proton collisions at $\sqrt{s}=13$ TeV // arXiv:1912.04776 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
44. Sirunyan A.M. et al. (CMS Collaboration). A deep neural network for simultaneous estimation of b jet energy and resolution // arXiv:1912.06046 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
45. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the $\chi_{\mathrm{c}1}$ and $\chi_{\mathrm{c}2}$ polarizations in proton-proton collisions at $\sqrt{s}=8$ TeV // arXiv:1912.07706 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
46. Sirunyan A.M. et al. (CMS Collaboration). Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment // arXiv:1912.08887 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
47. Sirunyan A.M. et al. (CMS Collaboration). Measurement of the top quark forward-backward production asymmetry and the anomalous chromoelectric and chromomagnetic moments in pp collisions at $\sqrt{s}=13$ TeV // arXiv:1912.09540 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$
48. Sirunyan A.M. et al. (CMS Collaboration). A deep neural network to search for new long-lived particles decaying to jets // arXiv:1912.12238 [hep-ex], 2019. ПРHD = $3 \cdot 0,007 = 0,02$

Итого: ПРHD = 295,57

Документ создан автоматически. Версия 9.00