NON-$q\bar{q}$ CANDIDATES

We include here mini-reviews and reference lists on gluonium and other non-$q\bar{q}$ candidates. See also $N\bar{N}$(1100–3600) for possible bound states.

MINIREVIEW GOES HERE

Non-$q\bar{q}$ Candidates

OMITTED FROM SUMMARY TABLE

NON-$q\bar{q}$ CANDIDATES REFERENCES

GENOVESE	94	ZPHY C61 425	+Lichtenberg, Pedrazzi	(TORI, IND)
KALASHNIK...	94	ZPHY C62 323	Kalashnikova	(ITEP)
LANDSBERG	94	PAN 57 42		(SERP)
		Translated from YAF 57 47.		
Also	94B	PAN 57 1274 (erratum)		
MURADOV	94	PAN 57 864		(BAKU)
TORNQVIST	94	ZPHY C61 525	Tornquist	(HELS)
BALI	93	PL B309 378	+Schilling, Hulsebo, Irving, Michael+	(LIVP)
DONNACHIE	93	ZP C60 187	+Kalashnikova, Clegg	(BNL)
ERICSON	93	PL B309 426	+Karl	(CERN)
GEIGER	93	PR D47 5050	+Isgur	(TNTO)
MANOHAR	93	NP B399 17	+Wise	(MIT)
MORGAN	93	PR D48 1185	+Pennington	(RAL, DURH)
ZOU	93	PR D48 R3948	+Bugg	(LOQM)
APSIMON	92	ZPHY C56 185	+Atkinson+	(Omega Photon Collab.)
BARNES	92	PR D46 131	+Swanson	(ORNL)
BARTELSKI	92	PL B289 429	+Tatur+	(WARS)
DOOLEY	92	PL B275 478	+Swanson, Barnes	(ORNL)
LINDENBAUM	92	PL B274 492	+Longacre	(BNL)
SWANSON	92	ANP 220 73		(ORNL)
AKER	91	PL B260 249	+Amsler, Peters+	(Crystal Barrel Collab.)
ALBRECHT	91F	ZPHY C50 1	+Appuan, Paulini, Funk+	(ARGUS Collab.)
BEHREND	91	ZPHY C49 401	+Criegee, Field, Franke+	(CELLO Collab.)
BEHREND	91D	PL B257 505	+Bussey, Ahme, Apel+	(CELLO Collab.)
CHEN	91	Hadron 91 Conf.		(Mark III Collab.)
SLAC-PUB-5669				
CONDO	91	PR D43 2787	+Handler+	(SLAC Hybrid Collab.)
DOVER	91	PR C43 379	+Gutsche, Faessler	(BNL)
FUKUI	91	PL B257 241	+Horikawa+	(SUGI, NAGO, KEK, KYOT, MIYA)
MORGAN	91	PL B258 444	+Pennington	(RAL, DURH)
MORGAN	91B	Hadron 91 Conf.	+Pennington	(RHEL)
RAL-91-070				
TORNQVIST	91	PRL 67 556		(HELS)
WEGNER	91	ZPHY C48 393	+Olsson, Allison, Ambrus	(JADE Collab.)
ACHASOV	90	TF 20 (178)	+Shestakov	(NOVO)
BREAKSTONE	90	ZPHY C48 569	+	(ISU, BGNA, CERN, DORT, HEIDH, WARS)
BURNETT	90	ARNPS 46 332	+Sharpe	(RAL)
CALDWELL	90	Hadron 89 Conf. p 127		(UCSB)
GOUNARIS	90	NP B346 84	+Paschalis+	(THES)
LONGACRE	90	PR D42 874		(BNL)
TORNQVIST	90	NPBPS 21,196		(HELS)
WEINSTEIN	90	PR D41 2236	+Isgur	(TNTO)
ARMSTRONG	89B	PL B221 221	+Benayoun+	(CERN, CDEF, BIRM, BARI, ATHU, CURIN+)
ARMSTRONG	89D	PL B227 186	+Benayoun	(ATHU, BARI, BIRM, CERN, CDEF)
MAY	89	PL B225 450	+Duch, Heel+	(ASTERIX Collab.)
WEINSTEIN	89	UTPT 89 03	+Isgur	(TNTO)
AIHARA	88	PR D37 28	+Alston, Avery, Barbaro-Galtieri+	(TPC-2γ Collab.)
ALDE	88B	PL B205 397	+Binon, Boutemeur+	(SERP, BELG, LANL, LAPP)
ASTON	88D	NP B301 525	+Awaji, Bienz+	(SLAC, NAGO, CINC, INUS)
BERGER	88B	ZPHY C38 521	+Klovning, Burger+	(PLUTO Collab.)
BIRMAN	88	PRL 61 1557	+Chung, Peaslee+	(BNL, FSU, IND, MASD)
CLEGG	88	ZPHY C40 313	+Donnachie	(MCHS, LANC)
ETKIN	88	PL B201 568	+Foley, Lindenbaum+	(BNL, CUNY)
GOUNARIS	88	PL B213 541	+Neufeld	(CERN)
IDDIR	88	PL B205 564	+Le Yaouanc, Ono+	(ORSAY, TOKY)
SHOEMAKER	88	PR D37 1120	+Ko, Michael, Lander, Pellet+	(UCD)
SLAUGHTER	88	MPL A3 1361		(LANL)
TOKI	88	AIP Conf.		(SLAC)
TUAN	88	PL B213 537	+Ferbel, Dalitz	(HAWA, ROCH, OXFTP)
ACHASOV	87	ZPHY C36 161	+Karnakov, Shestakov	(NOVO)
ALDE	87	PL B198 286	+Binon, Bricman+	(LANL, BRUX, SERP, LAPP)
ALDE	87B	ZPHY C36 603	+Binon, Bricman+	(LANL, BELG, SERP, LAPP)
ASTON	87	NP B292 693	+Awaji, D'Amore+	(SLAC, NAGO, CINC, INUS)
AU	87	PR D35 1633	+Morgan, Pennington	(DURH, RAL)
BITYUKOV	87	PL B188 383	+Dzhelyadin, Dorofeev, Golovkin+	(SERP)
CHANOWITZ	87	PL B187 409		(LBL)
CLOSE	87	RPP 51 833		(RHEL)
AKESSON	86	NP B264 154	+Albrow, Almehed+	(Axial Field Spec. Collab.)

ALDE	86D	NP B269 485	+Binon, Bricman+	(BELG, LAPP, SERP, CERN)
ANDO	86	PRL 57 1296	+Imai+	(KEK, KYOT, NIRS, SAGA, INUS, TSUK+)
BISELLO	86	PL B179 289	+Busetto, Castro, Limentani+	(DM2 Collab.)
BOURQUIN	86	PL B172 113	+Brown+	(GEVA, RAL, HEIDP, LAUS, BRIS, CERN)
COOPER	86	Berkeley Conf. 67		(MIT)
DOVER	86	PRL 57 1207	+	(BNL)
HEUSCH	86	Seewinkel Symposium on Multiparticle Dynamics		(SLAC)
MESHKOV	86	Aspen Winter Conf.		(NBS)
CHUNG	85	PRL 55 779	+Fernow, Boehnlein+	(BNL, FLOR, IND, MASD)
ISGUR	85	PRL 54 869	+Kokorski, Patou	(TNTO)
LEYAOUANC	85	ZPHY C28 309	+Olivek, Pene, Raynal, Ono	(ORSAY)
AU	84	PL 167B 229	+Morgan, Pennington	(RL)
BEHREND	84E	ZPHY C21 205	+Achenberg, Deboer+	(CELLO Collab.)
BINON	84C	NC 80A 363	+Bricman, Donskov+	(BELG, LAPP, SERP, CERN)
DOVER	84	PL 146B 103		(ORSAY)
BINON	83	NC 78A 313	+Donskov, Duteil+	(BELG, LAPP, SERP, CERN)
CHANOWITZ	83	PL 126B 225	+Sharpe	(UCB, LBL)
WEINSTEIN	83B	PR D27 588	+Isgur	(TNTO)
ACHASOV	82	PL B108 134	+Devyanin, Shestakov	(NOVO)
AIHARA	82	PR D37 28	+Alston, Avery, Barbaro-Galtieri+	(TPC Collab.)
ALTHOFF	82	ZPHY C16 13	+Boerner, Burkhardt+	(TASSO Collab.)
BARNES	82	PL B116 365	+Close	(RHEL)
BURKE	81	PL B103 153	+Abrams, Alam, BLocher+	(Mark II Collab.)
BRANDELIK	80B	PL B97 448	+Boerner, Burkhard+	(TASSO Collab.)
GUTBROD	79	ZP C1 391	+Kramer, Rumpf	(DESY)
JAFFE	77	PR D15 267,281		(MIT)
VOLOSHIN	76	ZETF 23 369	Voloshin, Okun	(ITEP)