

Erratum: Coarse-grained potential analysis of neutron-proton and proton-proton scattering below the pion production threshold [Phys. Rev. C **88, 064002 (2013)]**

R. Navarro Pérez, J. E. Amaro, and E. Ruiz Arriola

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In our recent paper, we presented a fit to neutron-proton and proton-proton scattering data below the pion production threshold. A new data selection process was used to obtain the largest mutually consistent database from all data reported during the years 1950–2013. However, the provided information was not enough to reconstruct the full database.

In Tables II and III we list the total measurements n_1 and the final number of measurements actually used in the fit n_2 for pp and np data, respectively. For some sets of data in the table, $n_1 > n_2$ due to the rejection of individual outliers, but the specific data were not given. Below we give the outliers not provided in the paper. This information should provide the reader with the full information needed to reconstruct the complete database used in our analysis.

We list in Tables I and II below the outliers specifically not considered in the final fit. These tables together with the original cited papers provide complete information on our analysis.

The results and conclusion of the article are not affected.

TABLE I. Rejected pp outliers of the accepted database. pp scattering data sets used in the fit. The first column gives the energy of the experiment in MeV, the notation for the reference, and the observable type is as in the paper. The angle θ is in degrees. The observable value o_i and its error δo_i are given for completeness.

E_{LAB}	Reference	Type	θ	o_i	δo_i
1.9	KN66 [31]	DSG	90.00	167.4	0.2
47.5	AS65 [59]	A	23.50	−0.061	0.031
52.3	SA68 [67]	DSG	16.22	6.952	0.043
52.3	SA68 [67]	DSG	18.24	6.748	0.040
52.3	SA68 [67]	DSG	20.27	6.831	0.036
52.3	SA68 [67]	DSG	26.34	7.429	0.039
68.3	YO60 [69]	DSG	13.23	6.140	0.073
118.0	PA58 [57]	DSG	20.60	3.63	0.06
140.4	JA64 [79]	RP	72.10	0.466	0.095
140.7	CO67 [80]	P	31.10	0.211	0.005
142.0	TA60 [72]	P	74.05	0.088	0.005
142.0	HW60 [81]	D	82.06	0.286	0.099
144.0	JA71 [85]	DSG	3.63	285.3	10.2
144.0	JA71 [85]	DSG	7.26	11.42	0.19
144.1	CO67 [80]	DSG	41.40	4.014	0.013
155.0	MI67 [87]	DSG	25.00	3.58	0.06
155.0	MI67 [87]	DSG	26.00	3.62	0.06
213.0	MA66 [100]	DSG	8.90	4.86	0.12
310.0	CH54 [114]	DSG	6.50	10.71	0.74
330.0	FI54 [123]	DSG	5.26	18.10	1.02
330.0	FI54 [123]	DSG	20.87	4.02	0.24
345.0	CH51 [126]	DSG	21.70	3.06	0.15
345.0	CH51 [126]	DSG	45.80	3.64	0.07
345.0	CH51 [126]	DSG	64.00	3.55	0.11

TABLE II. The same as Table I but for np .

E_{LAB}	Reference	Type	θ	o_i	δo_i
1.2	CL69 [136]	SGT		3948.10	7.93
9.9	CL69 [136]	SGT		932.40	6.18
27.5	WI84 [170]	P	151.40	0.022	0.003
50.0	GA80 [201]	P	120.60	0.007	0.022
63.1	KI80 [204]	DSG	86.20	8.28	0.14
63.1	KI80 [204]	DSG	159.70	12.79	0.31
63.1	KI80 [204]	DSG	165.80	13.60	0.46
76.7	BE76 [203]	DSG	49.60	5.6700	0.4026
155.4	BE76 [203]	DSG	39.50	3.2000	0.2823
168.5	BE76 [203]	DSG	39.60	2.9400	0.3095
181.0	SO87 [232]	P	119.60	-0.127	0.009
199.0	TH68 [235]	DSG	86.60	1.99	0.05
199.0	TH68 [235]	DSG	96.30	2.18	0.05
212.0	KE82 [237]	DSG	88.57	1.613	0.034
212.0	KE82 [237]	DSG	90.45	1.592	0.034
212.0	KE82 [237]	DSG	92.34	1.641	0.034
212.0	KE82 [237]	DSG	94.29	1.651	0.034
220.0	BA89 [241]	P	144.18	-0.0670	0.0198
267.2	BE76 [203]	DSG	11.40	6.8000	0.4203
307.0	CH67 [113]	P	47.80	0.287	0.026
310.0	CA57 [108]	P	53.40	0.230	0.034
310.0	CA57 [108]	P	147.70	-0.202	0.066
325.0	AS77 [251]	P	45.00	0.323	0.031
325.0	AS77 [251]	P	50.00	0.30	0.02
325.0	AS77 [251]	P	55.00	0.244	0.018
325.0	AS77 [251]	P	55.80	0.306	0.031
325.0	AS77 [251]	P	60.00	0.151	0.018
325.0	CL80 [238]	P	44.99	0.283	0.026
325.0	CL80 [238]	P	50.08	0.266	0.015
325.0	CL80 [238]	P	60.31	0.143	0.014
325.0	CL80 [238]	P	118.39	-0.211	0.007
344.3	BO78 [26]	DSG	131.51	2.395	0.122
350.0	SI56 [252]	P	46.40	0.248	0.031

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