



INSTITUTE OF NUCLEAR PHYSICS



Progress in compilation of experimental data from Central Asia

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NRDC 2017
23-26 May, 2017, IAEA, Vienna

Short information of the group

- Compilation activity started in 2013 (since 29 entries were compiled)
- MEMBERS:
 - *Dr. Zholdybayev*: Head of laboratory of INP (he provides numerical data)
 - *N.Kenzhebayev*: compiler (PhD student of KazNU)
- USING SOSTWARES:
 - HENDEL (Japanese compilation tool)
 - GSYS (Japanese digitization tool)
- Institute of Nuclear Physics in Tashkent stopped his operation in 2016



Dr. Zholdybayev
Head of laboratory



N.Kenzhebayev
compiler

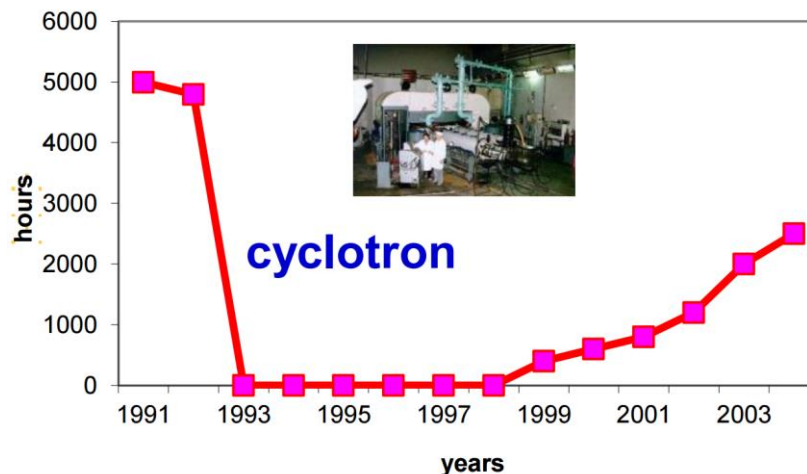


Institute of Nuclear Physics

- FOUNDED in 1957 (60th anniversary in this year)
 - About ~300 employees
- FACILITIES
 - DC-60 – accelerator in Astana branch
 - U-150 – cyclotron in INP, Almaty
 - Experimental reactor WWR-K (temporary stopped)



Prof. Burtebayev
Head of INP



COMPILED ARTICLES

- Number of Entries: 6
 - Dr. Hamada still haven't sent data for entry **D0828**
- Number of Subentries: 41

Entry #	First author	Article	Subentries	Status
D0841	N.Burtebayev	Int.J.Mod.Phys.E.26(2017)	4	Compiled
D0809	N.Burtebayev	C,2000IZMIR,,822,2000	7	In EXFOR
D0800	N.Burtebayev	J,BAS,44,(11),178,1980	16	In EXFOR
D0831	A.Duisebayev	J,BAS,80,894,2016	10	In EXFOR
D0842	N.Burtebayev	Acta Phys.Pol.B47(2016)2017	4	Compiled
D0828	Sh.Hamada	Phys.Scr.84(2011)045201	3	No yet



WAITING ARTICLES

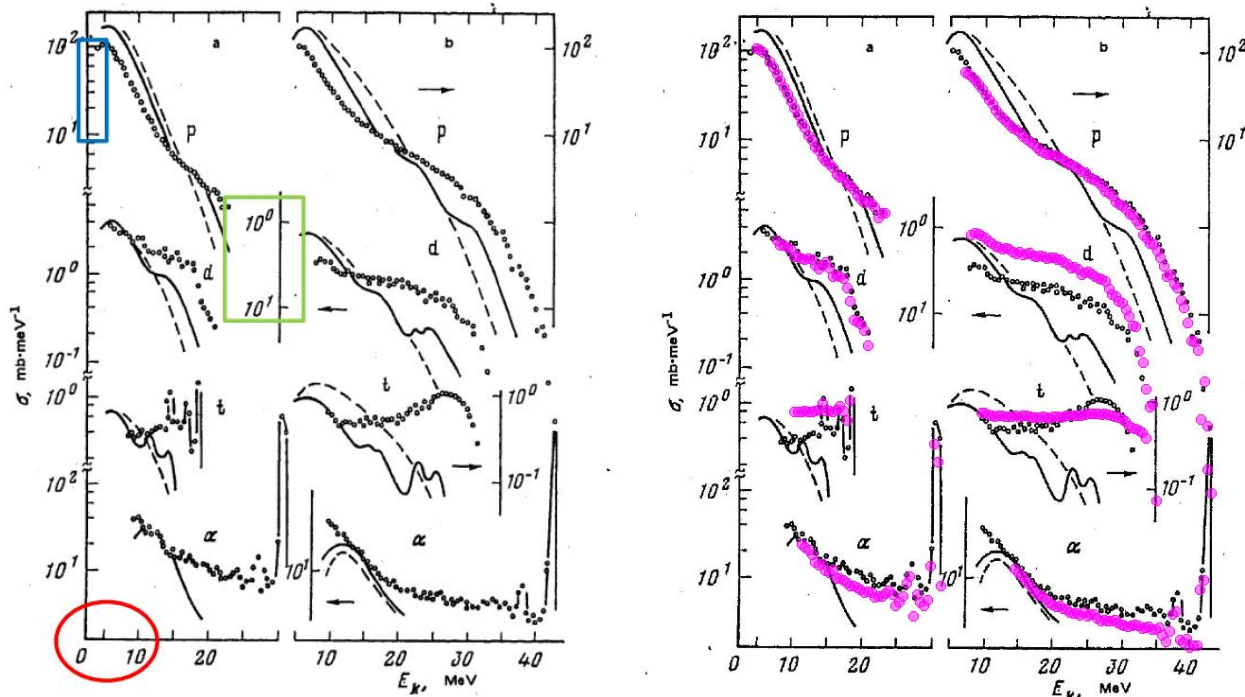
- The following 5 articles are waiting for numerical data from authors

First author	Article
N.Burtebayev	Int.J.Mod.Phys.E.25(2016)1650078
N.Burtebayev	J.Phys.Conf.Ser.590(2015)012055
N.Burtebayev	J.Phys.Conf.Ser.590(2015)012056
Sh.Hamada	Int.J.Mod.Phys.E.23(2014)1450061
Sh.Hamada	J.Phys.Conf.Ser.381(2012)012130



Compilation of old article (1980)

- Numerical data from article in *J,BAS,44,(11),178,1980*
 - Impossible to digitize
 - Data from such old article still exist in INP



ANNOUNCEMENT

- **67th “Nucleus 2017”, Almaty, Kazakhstan, 12-15 September**
 - dedicated to the 60th anniversary of INP
 - deadline to register is 31th May
 - previous “Nucleus 2016” was held in Sarov
- **Forum topics**
 - Nuclear physics
 - Solid state radiation physics and issues of materials science
 - Radiation ecology and methods of analysis
 - Nuclear and radiation methods in medicine and industry



THANKS FOR YOUR ATTENTION



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