

**CJD Progress Report
for NRDC2019 Technical Meeting
(9-12 April, 2019, Vienna, Austria)**

1. Staff

At present moment the number of CJD staff is 2: 1 leader scientist (20%) and 1 leading research engineer (20%).

2. EXFOR activity.

EXFOR compilation statistics

Trans	Status	Date	Entries total	Entries new	Entries revised	Subents total	Subents New in old+ in new	Subents Revised Cor.+nosub
4178	Final	25.05.2018	133	0	133	1032	36	955+41=996
4179	Final	04.06.2018	10	2	8	50	3+4=7	35+8=43
4180	Final	29.12.2018	19	6	13	66	3+29=32	31+3=34
4181	Final	27.03.2019	33	4	29	93	7+20=27	66
	<u>Final</u>		<u>195</u>	<u>12</u>	<u>183</u>	<u>1241</u>	<u>102</u>	<u>1139</u>

3. NRDC2018 Actions.

CJD is responsible for NRDC2018 Actions:

A1 - At allocation site – 1 article (10-03-2019), 16 (JET) were added, 1(Blinov+) wrong-made.

A2 – Corrections: very urgent 36, urgent 23, normal 212 (18.02.2019) at the web-site.

A42 – Finished in trans.4181

A43 – Not finished

A59 – A draft was prepared by V.N.Manokhin .

A62,64,66,72,74 – feedback for EXFOR-Editor, InpGraph, GSYS, JANIS TRANS Checker, ZCHEX, X4+ format was not sent.

A82 – finished in trans.4181 (covariance data).

A83 - No aliases were sent.

4. Journal YK.

The journal “Yadernye Konstanty” (YK) is continued to be published in IPPE as the online journal “Yadernye and Reaktornye Konstanty” ("Problems of Atomic Science and Technology. Series: Nuclear and Reactor Constants").

Five regular issues were published during 2018 year.

5. Nuclear data evaluation activity.

Dosimetry reactions evaluated by K.Zolotarev at 2018:

	Reaction	Energy range, MeV	Comment
1	$^{47}\text{Ti}(n,x)^{46}\text{Sc}$	12.60 - 18.10	
2	$^{47}\text{Ti}(n,p)^{47}\text{Sc}$	1.80 - 7.60	
3	$^{48}\text{Ti}(n,x)^{47}\text{Sc}$	12.70 - 18.90	
4	$^{48}\text{Ti}(n,p)^{48}\text{Sc}$	5.60 - 12.20	
5	$^{49}\text{Ti}(n,x)^{48}\text{Sc}$	13.60 - 18.80	
6	$^{50}\text{Cr}(n,g)^{51}\text{Cr}$	0.032 - 3.90	New evaluation
7	$^{55}\text{Mn}(n,2n)^{54}\text{Mn}$	11.30 - 16.10	New evaluation
8	$^{55}\text{Mn}(n,g)^{54}\text{Mn}$	0.027 - 3.70	New evaluation
9	$^{58}\text{Ni}(n,p)^{58m+g}\text{Co}$	1.40 - 10.50	
10	$^{60}\text{Ni}(n,p)^{60m+g}\text{Co}$	4.70 - 10.70	
11	$^{59}\text{Co}(n,p)^{59}\text{Fe}$	3.50 - 9.90	
12	$^{59}\text{Co}(n,2n)^{58m+g}\text{Co}$	11.30 - 16.10	
13	$^{59}\text{Co}(n,3n)^{57}\text{Co}$	20.00 - 26.00	

6. Acknowledgments

- Aleksander Vorobyev , Stanislav Simakov, Nikita Fedorov, Artem Zontikov for sent experimental data,
- Michael Fleming and Manuel Bossant for useful comments of preliminary transes,
- Naohiko Otsuka for detailed checking of preliminary transes and productive discussions,
- Lidija Vrapšenjak for providing pdf-files of articles,
- Alexander Oechs for assistance,
- Viktor Zerkin for detailed explanations of covariance matrix coding .

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