

CALCULATION VERIFICATION TABLE OF THE FIRST SERIES MICROPARTICLES PARAMETERS

Parameter (dimension)	NT (PLM)	According to the book 1990		Calculation results		Accuracy	
		States 1 - 2	States 3 - 4	States 1 - 2	States 3 - 4		
A		4.02337494156696e-4		4.023374941567459e-04		1.2e-13	
n		5912		5912			
Nop (p), Ndop		19		19			
		Internal parameters					
b1	1	0.9987826252981		0.9987826252980928		-7.2e-15	
	113	0.9991235848362		0.9991235848362757		7.6e-14	
b2	1	0.9987765367349		0.9987765367349110		1.1e-14	
	113	0.9984355771968		0.9984355771967280		-7.2e-14	
s (hi)	1	10.032684266108		10.03268426611511		-7.1e-13	
	113	0.067480330731558		0.06748033073159097		-4.9e-13	
e1, e1d	1	0.9998783743594		0.9998783743594833		0.9998853298466872	
	113	0.9827415370501		0.9827415370501457		0.9837175044713243	
e2, e2d	1	0.9998662503385		0.9998662137990683		0.9998738990828671	
	113	0.9810535292630		0.9821232172241		0.9821232172240684	
R1 (sm)	19.1	2.20712e-14		2.20745e-14		1.5e-4	
		External parameters					
q (qe)	19.1(2)	1.00000	-1.0000	0.9999976568		-1.000011917	
q (qe)	19.6		0			0	
J (hi)	19.1(2)	0.5	0.5	0.5000001445		0.5000013387	
J (hi)	19.6		0.5			0.5	
Mu	19.1(2)	2.79284384		2.7928177591		-2.792882985	
Mu0	19.6	-1.9156794				-1.913651825	
	exp.	-1.9156803					
m (me)	19.1	1836.1526		1836.132294534504		-1.1e-5	
	exp.	1836.1527					
m (me)	19.6	1838.681		1838.660947632732		1.09e-5	
	exp.	1838.684					
tcv (sec)	19.1	3.43e+39		5.7e+39			
	exp.	∞					
tcv (sec)	19.6					931.39	
	exp.	933.48				898(16)	

Note: In the book of 1990 (table 20.3) the particle PLM (1.19.1) is equated with the particle (p+) "proton"; the particle PLM (1.19.6) is equated with the particle (n0) "neutron".