EXP 89-044 : Spectrometer Set-ups (cont.)

February 02, 2000

Part 1a ^{3}He(e,e'p)d Very High Pm in Perpendicular Kinematics

Run #	Kin	E_0 (GeV)	E_e (GeV)	θ_e (deg)	P_p (GeV/c)	θ_p (deg)	t (hr)
28	Σ_1	4.803	3.966	16.40	1.300	78.28	23.0

Part 1b ^{3}He(e,e'p)d Repeat run #19 to check systematics

Run #	Kin	E_0 (GeV)	E_e (GeV)	θ_e (deg)	P_p (GeV/c)	θ_p (deg)	t (hr)
30	Σ_3	1.953	0.731	78.18	1.915	21.64	1.0

Part 3 ^{3}He(e,e'p)pn Large Em in Perpendicular Kinematics

Run #	Kin	E_0 (GeV)	E_e (GeV)	θ_e (deg)	P_p (GeV/c)	θ_p (deg)	t (hr)
31	Σ_3	1.254	0.374	129.60	1.438	26.17	30.0
32	Σ_3	1.254	0.374	129.60	1.410	30.47	50.0

Part 4 ^{3}He(e,e'p)pn Large Em in Parallel Kinematics

$\rightarrow$ *can be covered by runs #24 and #25*

Part 5 ^{3}He(e,e'p)d 3rd epsilon value in Perpendicular Kinematics

Run #	Kin	E_0 (GeV)	E_e (GeV)	θ_e (deg)	P_p (GeV/c)	θ_p (deg)	t (hr)
33	Σ_1	1.953	1.117	49.87	1.480	34.69	1.2
34	Σ_1	1.953	1.117	49.87	1.473	40.43	3.5
35	Σ_2	1.953	1.117	49.87	1.473	28.95	2.9

Part 6 ^{3}He(e,e'p)d 3rd epsilon value in Parallel Kinematics

Run #	Kin	E_0 (GeV)	E_e (GeV)	θ_e (deg)	P_p (GeV/c)	θ_p (deg)	t (hr)
36	Σ_1	1.953	1.515	30.29	1.000	49.81	1.7