

## บรรณานุกรม

### ภาษาไทย

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## **ភាគីនរោក**

ภาคผนวก ก.

## ตาราง 51 แสดงค่าพารามิเตอร์ของช่องสูบจากแบบส่วนบัญชี 1

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
1	1.1017	0.9673	0.4610	0.1323	-0.1745	0.1410
3	0.5244	-2.9006	0.1601	0.3787	-3.8294	0.1410
5	0.6864	0.1131	0.1601	0.5564	0.2744	0.1410
6	0.5564	-2.1255	0.1601	0.4652	-2.2324	0.1410
7	0.3893	-1.5883	0.1601	0.2918	-2.2934	0.1410
13	0.7020	1.7472	0.2584	0.3549	1.8641	0.0284
14	0.6765	-0.3445	0.1601	0.5207	-0.3245	0.1410
15	0.7298	1.0461	0.0463	0.5006	1.2885	0.0161
18	0.4992	0.0439	0.1601	0.4125	-0.1730	0.1410
20	0.2483	-0.1428	0.1601	0.3780	-0.0525	0.1410
22	0.1044	-2.5508	0.1601	0.2031	-0.9948	0.1410
23	0.6856	0.5615	0.1601	0.8043	0.2574	0.1410
25	0.1803	-2.7830	0.1601	0.1231	-2.6540	0.1410
27	0.2307	0.5450	0.1601	1.3182	0.8002	0.5000
30	0.2224	-3.0807	0.1601	0.2840	-3.7918	0.1410
32	0.1732	-0.6160	0.1601	0.6994	1.3372	0.5000

## ตาราง 51 (ก)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
33	0.5203	0.0011	0.1601	0.4301	-0.2626	0.1410
34	0.3302	-0.9267	0.1601	0.4217	-0.7866	0.1410
38	0.6519	-1.7986	0.1601	0.8835	-1.3968	0.1410
39	0.4151	-1.7233	0.1601	0.5068	-1.5652	0.1410
41	0.8077	1.8020	0.2949	0.4178	2.0795	0.1410
42	0.1510	-1.8520	0.1601	0.2405	-1.5391	0.1410
43	0.3576	0.4652	0.1601	0.2529	1.1493	0.1410
44	0.3935	-0.5249	0.1601	0.3851	-0.1101	0.1410
46	0.2934	-3.4609	0.1601	0.3583	-3.0557	0.1410
47	0.3431	-3.2671	0.1601	0.4493	-2.5637	0.1410
48	0.2097	1.7683	0.1601	0.6294	2.3294	0.2997
49	0.5491	-1.5745	0.1601	0.6947	-1.5820	0.1410
50	0.1488	0.0638	0.1601	0.1288	-0.1723	0.1410
52	0.5933	-1.7336	0.1601	0.6517	-2.0069	0.1410
53	0.4605	-1.4408	0.1601	0.3809	-2.2280	0.1410
54	0.4144	-3.0123	0.1601	0.5292	-2.5502	0.1410
55	0.4226	-2.5963	0.1601	0.3256	-3.4118	0.1410
58	1.2829	2.4533	0.3204	1.0821	2.2013	0.2521

ตาราง 51 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
59	0.2344	-2.2002	0.1601	0.3518	-1.3471	0.1410
60	0.3287	0.4885	0.1601	0.3932	0.0450	0.1410
61	0.3311	-2.9560	0.1601	0.3312	-3.2305	0.1410
63	0.0588	0.0341	0.1601	0.1974	-0.5218	0.1410
64	0.9844	-0.6369	0.1601	0.7118	-0.8746	0.1410
65	0.3687	-0.7949	0.1601	0.3110	-0.7372	0.1410
66	0.6873	-0.1085	0.1601	0.6676	0.1692	0.1410
67	0.4205	-2.3991	0.1601	0.4534	-1.9463	0.1410
68	0.2938	-1.4975	0.1601	0.2389	-2.6368	0.1410
69	0.2502	1.4623	0.1601	0.2484	0.9485	0.1410
71	0.4086	2.9885	0.0000	0.3591	3.0405	0.0000
73	0.7173	-1.2138	0.1601	0.6694	-1.5352	0.1410
74	0.9249	2.4498	0.3843	0.0895	2.4187	0.1410
76	0.7566	2.6405	0.3083	0.2349	2.8412	0.1410
77	0.5047	-0.9292	0.1601	0.5423	-0.8788	0.1410
78	0.3777	-3.2101	0.1601	0.4779	-2.9199	0.1410
79	0.4513	-0.5401	0.1601	0.3982	-0.6818	0.1410
80	0.6027	0.0716	0.1601	0.4080	-0.4244	0.1410
82	0.2041	0.4888	0.1601	0.1354	0.3664	0.1410
84	0.5442	0.6526	0.1601	0.5171	1.0573	0.1410

## ตาราง ๕๑ (ต่อ)

ข้อ	ช้าย			អង្គ		
	a	b	c	a	b	c
๘๖	0.3208	-2.4211	0.1601	0.3725	-2.4283	0.1410
๘๘	0.4101	-0.5569	0.1601	0.2947	0.3787	0.1410
๘๙	0.2735	-1.7555	0.1601	0.2832	-2.8930	0.1410
๙๐	0.3249	-2.5347	0.1601	0.2604	-1.2987	0.1410
๙๑	0.4104	-2.7682	0.1601	0.4561	-2.2217	0.1410
๙๒	0.5430	-3.5244	0.1601	0.4699	-3.8800	0.1410
๙๕	0.8812	1.7074	0.5000	0.0859	-1.4801	0.1410
๙๗	1.2060	2.4202	0.3971	0.2915	3.7300	0.3132

ตาราง 52 ผลลัพธ์ของข้อสอบจากแบบสุ่มฉบับที่ 2

ข้อ	ช้าย			หลัง		
	a	b	c	a	b	c
1	0.3193	1.7906	0.1341	0.2191	2.5568	0.1392
2	1.1450	0.7486	0.4248	1.6536	1.0684	0.3407
3	0.8929	-0.3870	0.1341	0.9202	-0.2711	0.1392
4	0.5673	-2.9634	0.1341	0.6720	-2.4490	0.1392
5	0.8327	1.3508	0.1341	0.5730	1.9539	0.1123
6	0.5857	-0.0791	0.1341	0.7634	0.8466	0.3221
7	0.8571	1.0096	0.4770	0.7762	1.2602	0.4262
8	0.5305	-0.1034	0.1341	0.2842	0.2655	0.1392
9	0.3367	-2.0482	0.1341	0.2832	-1.9784	0.1392
10	0.5833	1.7034	0.0648	0.6529	1.8208	0.0950
11	0.8362	2.4213	0.2207	1.1964	2.9782	0.2106
12	0.8326	-1.7761	0.1341	0.6116	-2.0216	0.1392
13	0.3498	1.7733	0.1341	0.2909	2.0060	0.1392
14	0.6718	0.0897	0.1341	0.9376	0.6731	0.1463
15	0.2705	-0.0258	0.1341	0.2884	0.2142	0.1392
17	0.4577	2.4065	0.1781	0.5961	1.7866	0.1081
19	0.1593	-1.0322	0.1341	0.1558	-0.4256	0.1392
20	0.2162	-1.5922	0.1341	0.1855	-2.5362	0.1392
21	0.3486	-0.7349	0.1341	0.3365	-0.4205	0.1392
22	0.5116	1.8827	0.1465	0.4007	2.1958	0.1392
23	0.7585	-1.4218	0.1341	0.6484	-1.6815	0.1392

## ตาราง 52 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
24	0.8103	1.5847	0.3849	0.8099	1.8726	0.3686
26	0.6086	-1.2083	0.1341	0.6621	-1.1861	0.1392
27	0.5666	1.5424	0.0403	0.4543	1.6228	0.0312
28	0.8728	0.5382	0.2464	1.0494	0.7968	0.1477
30	0.3668	0.9976	0.1341	0.3531	1.8213	0.1392
31	1.2467	1.0246	0.5000	0.4219	0.5676	0.1392
33	0.7566	1.3245	0.5000	0.2136	-2.4908	0.1392
34	0.5372	-2.6292	0.1341	0.4516	-2.7654	0.1392
36	0.6412	-0.0327	0.1341	0.4744	0.4061	0.1392
37	0.7594	-3.1404	0.1341	0.8872	-2.7191	0.1392
38	0.4832	0.5037	0.1341	0.3527	0.8451	0.1392
39	0.3399	-0.1387	0.1341	0.3933	-0.1614	0.1392
40	0.8059	-0.6531	0.1341	0.6369	-0.6500	0.1392
41	0.4579	-1.0645	0.1341	0.5835	-0.6158	0.1392
42	0.0100	0.5204	0.1341	0.0100	0.3351	0.1392
43	0.3494	-0.7571	0.1341	0.4636	-0.8555	0.1392
44	0.2921	-2.4333	0.1341	0.2832	-2.3420	0.1392
45	0.5060	-1.1138	0.1341	0.6013	-0.8480	0.1392
46	0.5035	-2.5350	0.1341	0.5368	-2.3248	0.1392
47	0.4813	-3.7871	0.1341	0.6540	-2.8055	0.1392
48	0.3421	-1.9269	0.1341	0.3700	-1.9042	0.1392

## ตาราง 52 (ก่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
50	0.6033	0.4261	0.1341	0.3877	0.6126	0.1392
51	0.2517	1.2633	0.1341	0.2532	0.9577	0.1392
58	0.4538	2.8615	0.1443	0.7251	2.0697	0.1276
59	1.0048	2.2727	0.0853	0.6362	2.9160	0.0506
60	0.4423	-0.6214	0.1341	0.3796	-0.9015	0.1392
61	0.3099	-0.7888	0.1341	0.2967	-0.9579	0.1392
66	0.3660	-2.2069	0.1341	0.3781	-2.5744	0.1392
67	0.4458	1.1375	0.1341	0.6809	2.0816	0.2820
72	0.4695	-2.6070	0.1341	0.7454	-1.8547	0.1392
75	0.3637	-1.0867	0.1341	0.3529	-0.8978	0.1392
77	0.4647	-1.9676	0.1341	0.4740	-1.7726	0.1392
78	0.2527	1.1031	0.1341	0.2222	0.4359	0.1392
79	0.2840	-0.6731	0.1341	0.2224	-1.3625	0.1392
80	0.2049	-2.4524	0.1341	0.2715	-2.0181	0.1392
81	2.8101	1.3477	0.2450	2.6888	1.9288	0.2478
84	0.4174	1.1790	0.1341	0.3948	1.2951	0.1392
86	0.2546	-2.0133	0.1341	0.2808	-2.1457	0.1392
87	0.6252	3.3726	0.1292	1.0352	2.8005	0.1290
88	0.7926	1.1213	0.0659	0.9382	1.6321	0.0808
90	0.6739	2.5739	0.1450	0.9438	2.7953	0.1564
91	0.2512	1.1012	0.1341	0.3260	1.0242	0.1392
92	0.0447	-1.3991	0.1341	0.1187	0.3002	0.1392

## ตาราง 52 (ก)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
95	0.9922	1.3091	0.3833	0.7228	1.1212	0.2842
96	0.2284	-0.5012	0.1341	0.1013	0.7264	0.1392
97	0.6872	-0.9163	0.1341	0.6507	-0.8485	0.1392
99	0.4058	-2.1084	0.1341	0.3799	-2.6451	0.1392

ตาราง 53 แสดงค่าพารามิเตอร์ของชุดสอบจากแบบลอนฉบับที่ 3

ชุด	ราย			หนึ่ง		
	a	b	c	a	b	c
1	0.1760	1.8228	0.0966	0.1189	3.0100	0.1178
2	0.6110	0.2627	0.0966	0.2611	0.1897	0.1178
3	0.4485	0.6916	0.0966	0.4232	0.6237	0.1178
4	0.8872	1.2105	0.1590	0.4145	1.4375	0.1178
5	0.6664	-0.7584	0.0966	0.1732	-3.1188	0.1178
7	0.4257	-0.4516	0.0966	0.3795	-0.6926	0.1178
9	0.2014	0.7934	0.0966	0.2432	0.2321	0.1178
10	0.4173	-1.3606	0.0966	0.2103	-2.0135	0.1178
11	0.5705	0.3803	0.0966	0.4649	0.2397	0.1178
12	0.8528	1.0194	0.1670	0.3160	1.4699	0.1178
13	1.3826	1.7879	0.0698	0.8244	2.2362	0.0459
14	0.4826	0.5353	0.0966	0.5808	1.2340	0.2568
15	0.6094	-0.7746	0.0966	0.4676	-0.8918	0.1178
16	0.5524	-0.9811	0.0966	0.3688	-1.6855	0.1178
17	0.7644	-1.2757	0.0966	0.4708	-1.6145	0.1178
20	0.1261	-2.7542	0.0966	0.2617	-1.6979	0.1178
23	0.2950	-1.3766	0.0966	0.2155	-2.2652	0.1178
25	0.0719	-1.0952	0.0966	0.1321	-3.8714	0.1178

## ตาราง 53 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
26	0.4618	1.4712	0.0966	0.3686	1.5050	0.1178
27	0.3299	2.2549	0.0966	0.3432	3.9096	0.1219
28	0.2578	-2.0446	0.0966	0.2574	-0.4201	0.1178
31	0.3120	-1.5706	0.0966	0.2058	-2.3528	0.1178
32	0.2600	2.1598	0.0966	0.2294	3.0318	0.1178
33	0.3674	1.6450	0.0966	0.2771	1.4757	0.1178
35	0.3523	1.9921	0.0000	0.9654	2.1119	0.1164
37	0.1892	0.3048	0.0966	0.2890	0.4447	0.1178
39	0.3342	-1.1216	0.0966	0.4706	-0.7879	0.1178
42	0.3529	2.2738	0.0966	0.2813	2.7384	0.1178
43	0.2556	-0.6288	0.0966	0.2792	-1.2124	0.1178
44	0.3920	-2.4365	0.0966	0.5742	-2.1379	0.1178
45	0.4643	-3.2329	0.0966	0.4218	-3.6534	0.1178
46	0.2579	-0.5797	0.0966	0.2944	-0.0807	0.1178
47	0.1576	-1.1141	0.0966	0.1403	-1.4454	0.1178
48	0.2142	-0.0373	0.0966	0.1792	-0.3058	0.1178
49	0.4523	-1.5375	0.0966	0.4321	-1.8819	0.1178
50	0.2556	-1.0405	0.0966	0.1941	-1.1976	0.1178
52	0.2386	-2.0761	0.0966	0.4236	-1.0033	0.1178
53	1.1797	1.7844	0.1951	0.7937	1.7120	0.1776

ตาราง 53 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
54	0.2833	-0.1586	0.0966	0.3312	-0.0100	0.1178
55	0.2210	-0.4771	0.0966	0.4214	-0.1265	0.1178
57	0.8013	2.6623	0.5000	0.1788	-0.0544	0.1178
58	0.1896	3.8759	0.0966	0.6250	1.9177	0.1081
62	0.1564	1.2840	0.0966	0.1846	2.7543	0.1178
63	0.4265	2.3534	0.0542	0.3859	2.8119	0.1178
64	0.2212	2.2698	0.0966	0.1861	3.3324	0.1178
65	0.2813	1.9419	0.0966	0.3914	1.2561	0.2197
67	0.8564	3.6628	0.2076	1.0056	2.6586	0.2197
69	0.4440	-1.6220	0.0966	0.4678	-1.2361	0.1178
70	0.1520	1.5513	0.0966	0.2752	3.0450	0.1178
71	0.0521	1.6255	0.0966	0.1294	-0.5517	0.1178
72	0.3701	3.5020	0.0828	0.7661	2.3339	0.0917
73	0.4909	2.4728	0.2784	0.2792	1.8668	0.1178
75	0.3019	3.6388	0.0550	0.3231	2.7517	0.0000
76	0.1974	3.1888	0.0966	0.2195	1.9511	0.1178
77	0.1428	1.1150	0.0966	0.2793	0.0401	0.1178
80	0.9182	1.2150	0.4412	0.2523	-0.4900	0.1178
81	0.5059	-1.1008	0.0966	0.7394	-1.2532	0.1178
88	0.1110	3.9592	0.0966	0.2162	1.7649	0.1178

## ตาราง 53 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
91	0.2855	-0.9396	0.0966	0.3459	-0.4242	0.1178
93	0.2900	-1.0895	0.0966	0.3285	-1.0761	0.1178
97	3.0031	2.0876	0.3429	0.3513	1.0019	0.1178
100	0.3570	-0.4758	0.0966	0.5072	-0.2884	0.1178

ตาราง 54 ผลลงค่าพารามิเตอร์ของข้อสอบจากแบบส่วนบันทึก 4

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
1	0.4205	-1.2516	0.0922	0.3766	-1.1429	0.1052
3	0.7407	-2.1983	0.0922	0.6260	-2.1359	0.1052
4	1.0529	-0.1594	0.2272	0.9522	0.2619	0.1726
6	0.4131	-0.0606	0.0922	0.4904	0.2493	0.1052
7	0.5038	-1.8685	0.0922	0.4002	-1.8414	0.1052
8	0.5076	-0.3786	0.0922	0.6134	0.1894	0.1052
9	0.4710	-1.8929	0.0922	0.3699	-1.8605	0.1052
10	0.4194	0.0138	0.0922	0.5065	0.1791	0.1052
11	0.6291	-1.2049	0.0922	0.5811	-0.9074	0.1052
12	1.1902	1.2806	0.2581	0.7785	1.8513	0.2521
13	0.8489	1.6692	0.1205	0.5874	2.3696	0.0738
14	0.6835	0.5455	0.0922	0.4958	0.9753	0.1052
15	0.9140	0.7380	0.1652	0.5650	1.2187	0.1052
16	2.3533	1.5347	0.2158	1.0606	2.0548	0.1754
17	0.7328	3.0418	0.1343	0.5855	3.4818	0.1059
18	0.4543	2.7700	0.0604	0.6367	2.3424	0.0995
20	0.6086	2.2148	0.0751	2.2210	2.3467	0.1210
23	0.7333	1.9486	0.0567	0.4182	3.3234	0.0376
24	0.2878	0.1679	0.0922	0.2152	0.7281	0.1052

ตาราง 54 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
26	0.3426	0.4803	0.0922	0.3789	0.6759	0.1052
28	0.2921	-0.9152	0.0922	0.2784	-0.9119	0.1052
29	0.0704	0.3924	0.0922	0.1152	-1.5723	0.1052
31	0.4330	-2.0673	0.0922	0.3592	-2.5087	0.1052
35	0.2478	-0.7245	0.0922	0.2044	-0.2541	0.1052
36	0.3517	-2.5481	0.0922	0.3651	-2.0901	0.1052
38	0.3464	-1.7407	0.0922	0.3653	-1.9972	0.1052
40	0.3266	-3.0195	0.0922	0.3423	-3.3705	0.1052
41	0.1222	-0.4601	0.0922	0.1246	-0.7559	0.1052
44	0.2408	-2.4090	0.0922	0.2740	-2.3289	0.1052
48	0.1846	0.5007	0.0922	0.1333	1.6022	0.1052
50	0.1410	0.6684	0.0922	0.1631	0.3721	0.1052
51	0.1314	2.0486	0.0922	0.2450	0.9056	0.1052
52	0.4473	-1.6111	0.0922	0.1940	-3.5970	0.1052
53	0.3913	-0.6320	0.0922	0.6221	-0.7373	0.1052
56	0.5234	-1.2491	0.0922	0.6996	-0.7922	0.1052
57	0.5353	0.0791	0.0922	0.5403	0.5696	0.1052
58	0.6154	-0.7933	0.0922	0.6543	-0.6148	0.1052
59	0.2852	0.9124	0.0922	0.3274	0.5169	0.1052
60	0.6464	1.6561	0.1699	0.3075	2.5606	0.1052
61	0.2841	0.5855	0.0922	0.3263	0.4834	0.1052

## พารากร 54 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
62	0.2931	2.9963	0.0922	0.3355	2.8078	0.1052
63	0.0587	-3.9741	0.0922	0.1268	-1.3042	0.1052
64	0.4931	2.2026	0.3356	0.0801	3.4125	0.1052
65	0.0358	-3.7098	0.0922	0.1093	-2.1449	0.1052
66	0.8742	1.3380	0.2099	0.5176	1.0734	0.0320
67	0.3815	0.9690	0.0922	0.4856	0.7507	0.1052
69	1.3674	1.3979	0.1887	0.9615	1.7147	0.1739
71	0.6659	1.0097	0.0784	0.6069	1.2693	0.0461
72	0.6318	2.2779	0.1632	0.5687	2.6609	0.1739
73	1.0060	1.4936	0.2482	0.3733	1.4820	0.1052
75	0.4269	1.9990	0.0000	0.3493	2.3295	0.0000
76	0.2959	-1.5907	0.0922	0.3749	-1.1226	0.1052
77	0.0983	1.9114	0.0922	0.1540	3.3588	0.1052
79	0.4318	0.1570	0.0922	0.4087	0.1999	0.1052
80	0.4567	-1.6357	0.0922	0.3778	-1.8266	0.1052
82	0.4586	-1.1654	0.0922	0.4889	-1.4362	0.1052
83	0.2403	1.9126	0.0922	0.7929	2.7046	0.2775
85	0.4961	0.9704	0.0922	0.6108	0.8657	0.1052
86	0.2357	1.6435	0.0922	0.6978	3.1593	0.3521
88	0.5577	0.5325	0.0922	0.4185	0.9092	0.1052
89	0.5584	1.7456	0.1750	0.3150	1.8365	0.1052

## ตาราง 54 (ต่อ)

ข้อ	ชาย			หญิง		
	a	b	c	a	b	c
90	0.4422	-0.6737	0.0922	0.3422	-0.7123	0.1052
91	0.5490	-0.1794	0.0922	0.6434	0.8287	0.2492
92	0.4734	1.2020	0.0922	0.5029	1.5935	0.1052
93	0.4321	-0.4252	0.0922	0.4861	-0.0476	0.1052
94	0.5676	-0.6264	0.0922	0.5981	-0.0814	0.1052
95	0.3753	0.3297	0.0922	0.4109	0.5308	0.1052
97	0.2466	1.4619	0.0922	0.1902	2.3299	0.1052
98	0.2612	2.9103	0.0922	0.2927	3.1718	0.1052
99	0.5070	0.4949	0.0922	0.2991	0.3914	0.1052
100	0.7990	1.0901	0.4380	0.3611	-0.3939	0.1052

ตาราง 55 แสดงค่าที่ใช้ความสำเร็จของข้อสอบ 2 แบบพื้นฐานใช้สกัดชี้อ่อนไหว  
ที่มีการวิเคราะห์ 3 ตัว จากแบบส่วนบุคคลที่ 1

ข้อ	ตัวนิความสำเร็จ	ตัวนิความสำเร็จ	ที่สำคัญ
	ที่ใช้ในการวิเคราะห์	ที่เล่นอ่อนไหว	
1	-.3960 <sup>*</sup>	.6187 <sup>*</sup>	/
3	.0915	.1550	
5	-.1772	.1882	
6	-.0649	.1018	
7	.1814	.2044 <sup>*</sup>	
13	-.7552 <sup>*</sup>	.7552 <sup>*</sup>	/
14	-.0866	.1979	
15	-.2083 <sup>*</sup>	.2846 <sup>*</sup>	/
18	.0904	.1590	
20	-.0908	.3423 <sup>*</sup>	
22	-.2020 <sup>*</sup>	.3327 <sup>*</sup>	/
23	.1709	.2495 <sup>*</sup>	
25	-.3377 <sup>*</sup>	.3377 <sup>*</sup>	/
27	.8624 <sup>*</sup>	.8624 <sup>*</sup>	/
30	.4340 <sup>*</sup>	.4340 <sup>*</sup>	/
32	.1889	.3063 <sup>*</sup>	
33	.1236	.1750	
34	-.0560	.2131 <sup>*</sup>	
38	-.2426 <sup>*</sup>	.2994 <sup>*</sup>	/

## ตาราง 55 (ต่อ)

ข้อ	ตัวนิความลำเอียง	ตัวนิความลำเอียง	ร่องที่ร้า
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
39	-.0311	.1544	
41	-.5932 <sup>■</sup>	.5932 <sup>■</sup>	/
42	.0869	.2545 <sup>■</sup>	
43	-.3287 <sup>■</sup>	.3494 <sup>■</sup>	/
44	-.3209 <sup>■</sup>	.3209 <sup>■</sup>	/
46	-.0001	.0943	
47	-.1129	.1740	
48	-.2461 <sup>■</sup>	.3438 <sup>■</sup>	/
49	.0560	.1718	
50	.0090	.0518	
52	.1886	.1886	
53	.3063 <sup>■</sup>	.3094 <sup>■</sup>	
54	.0638	.1385	
55	.1064	.1606	
58	-.1827	.3114 <sup>■</sup>	
59	-.1977	.3183 <sup>■</sup>	
60	.1932	.2387 <sup>■</sup>	
61	.0848	.0848	
63	.1548	.4466 <sup>■</sup>	
64	.1216	.2373 <sup>■</sup>	
65	-.1285	.1463	

## ตาราง 55 (ต่อ)

ข้อ	คํานีความลําเอียง	คํานีความลําเอียง	รือที่ใช้
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
66	-.2790	.2790	/
67	-.2210	.2210	/
68	.3195	.3195	/
69	.1674	.1674	
71	.0934	.0965	
73	.1855	.1855	
74	.1797	.4461	
76	-.1536	.2628	
77	-.0604	.0891	
78	.0381	.1046	
79	.0198	.0883	
80	.2803	.3881	/
82	.0341	.1911	
84	-.3494	.3494	/
86	.0866	.1071	
88	-.6269	.6269	/
89	.4797	.4797	/
90	-.7483	.7483	/
91	-.2183	.2183	/
92	.0065	.0404	
95	.0051	.4833	

## ตาราง ๓๕ (ต่อ)

ข้อ	คัณความล้าเฉียง	คัณความล้าเฉียง	ข้อที่สำคัญ
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
97	- .2471*	.3055*	/
รวม	23	37	23
	(37.09%)	(59.68%)	(37.09%)

ตาราง 56 แสดงค่าตัวแปรความสำเร็จของช่วง 2 แบบถ่ายวิธีโครงสร้างและร้อยละ<sup>ที่มีการนิสוח์ 3 ตัว จากแบบสองฉบับที่ 2</sup>

ข้อ	ตัวแปรความสำเร็จ	ตัวแปรความสำเร็จ	ร้อยละ
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
1	- .0431	.2389	
2	- .5285	.5398	/
3	- .0834	.0835	
4	- .1591	.1681	
5	- .4119	.4119	/
6	- .0443	.3878	
7	- .3255	.3255	/
8	- .2045	.5505	/
9	- .1425	.1527	
10	.0055	.0807	
11	- .4332	.4332	/
12	.0654	.1978	
13	.0240	.1304	
14	- .4538	.4666	/
15	- .1134	.1134	
17	- .1072	.3904	
19	- .1889	.1889	
20	- .2302	.2302	/
21	- .1825	.1825	

## ตาราง 56 (ต่อ)

ข้อ	ตัวนิความจำเอียง	ตัวนิความจำเอียง	ข้อที่ซ้ำ
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
22	- .0657	.1467	
23	.1522	.1762	
24	-.2275	.2275	/
26	.0146	.0588	
27	.0157	.1507	
28	-.5712	.5728	/
30	-.4312	.4312	/
31	-.9584	.9584	/
33	.5513	.6071	/
34	-.0436	.0854	
36	-.3026	.3738	/
37	-.1224	.1266	
38	-.1339	.2961	
39	.0372	.1174	
40	-.0150	.1918	
41	-.2539	.2973	/
42	.0194	.0194	
43	.1550	.2486	
44	-.0556	.0556	
45	.1388	.1836	
46	-.0676	.0718	

## ตาราง 56 (ต่อ)

ข้อ	ตัวนิความลำเอียง		ข้อที่สำคัญ
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
47	- .1810	.2017	
48	.0468	.0579	
50	-.0459	.3909	
51	.1601	.1601	
58	.0875	.3378	
59	-.3614	.3614	/
60	.1551	.1846	
61	.0899	.0899	
66	.2092	.2092	/
67	-.0842	.4000	
72	-.2042	.3287	/
75	-.1120	.1120	
77	-.0977	.0977	
78	.3588	.3588	/
79	.2484	.2646	/
80	.0373	.1561	
81	-.4237	.4404	/
84	-.0287	.0626	
86	.1363	.1363	
87	.0156	.1422	
88	-.3972	.4156	

## ตาราง 56 (ต่อ)

ข้อ	ตัวนิความจำเรียง		ข้อที่ร้า
	ที่ใช้ในการวิจัย	ที่เลขอแนะนำ	
90	- .1940	.2197 <sup>▪</sup>	
91	- .0443	.1778	
92	- .1979	.2787 <sup>▪</sup>	
95	- .0261	.2664 <sup>▪</sup>	
96	- .3696 <sup>▪</sup>	.4762 <sup>▪</sup>	/
97	- .0509	.0642	
99	.2270 <sup>▪</sup>	.2270 <sup>▪</sup>	/
 รวม		35	23
(33.82%)		(51.47%)	(33.82%)

ตาราง 57 ผลลัพธ์ที่ได้จากการคำนวณของช่วง 2 แบบส่ายวิธีโถงสักจะ<sup>ะ</sup>  
ช่วงสอบที่มีพารามิเตอร์ 3 ตัว จากแบบส่วนบุคคลที่ 3

ข้อ	ตัวนิความล้าเวียง		ช่วงที่ร้า
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
1	- .0170	.1885	
2	.1831	.7658	
3	.1357	.1369	
4	- .1033	.4418	
5	.5072	1.0657	/
7	.1937	.2018	
9	.2880	.2880	/
10	- .0032	.4797	
11	.1957	.2614	
12	- .1692	.6321	
13	- .3641	.3772	/
14	.0790	.2828	
15	.0749	.2563	
16	.3371	.4465	/
17	.1158	.3941	
20	.1566	.3765	
23	.2486	.2940	/
25	.9345	.9345	/
26	.1801	.2423	

## ตาราง 57 (ต่อ)

ข้อ	ตัวนิความจำเอียง		ข้อที่ร้า
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
27	-.5840	.5840	/
28	-.7427	.7427	/
31	.1124	.2869	
32	-.1567	.1806	
33	.3381	.3490	/
35	-.0585	.4138	
37	-.0585	.2676	
39	-.0519	.2732	
42	.0650	.1816	
43	.3828	.3828	/
44	.1037	.2244	
45	.0969	.0993	
46	-.1912	.1912	
47	.1158	.1164	
48	.1621	.1750	
49	-.2249	.2249	/
50	.0103	.1851	
52	-.2232	.4522	/
53	.0099	.1851	
54	-.0189	.1044	
55	-.0677	.4893	

## ตาราง 57 (ต่อ)

ข้อ ที่ใช้ในการวิจัย	ค่าซึ่งความจำเป็น	ค่าซึ่งความจำเป็น	ข้อที่สร้าง ที่เสนอแนะ
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
57	.0255	.3275 <sup>*</sup>	
58	-.0242	.6445 <sup>*</sup>	
62	-.5157 <sup>*</sup>	.5157 <sup>*</sup>	/
63	.1510	.2411 <sup>*</sup>	
64	-.1429	.1735	
65	.2739 <sup>*</sup>	.2962 <sup>*</sup>	/
67	.3656 <sup>*</sup>	.3656 <sup>*</sup>	/
69	-.1913	.1913	
70	-.8923 <sup>*</sup>	.8923 <sup>*</sup>	/
71	-.4120 <sup>*</sup>	.4196 <sup>*</sup>	/
72	.1281	.3348 <sup>*</sup>	
73	-.0862	.1810	
75	.0455	.2101 <sup>*</sup>	
76	.4633 <sup>*</sup>	.4633 <sup>*</sup>	/
77	.3914 <sup>*</sup>	.4877 <sup>*</sup>	/
80	-.0676	.3975 <sup>*</sup>	
81	.2609 <sup>*</sup>	.3298 <sup>*</sup>	/
88	.2485 <sup>*</sup>	.3370 <sup>*</sup>	/
91	-.1946	.2134 <sup>*</sup>	
93	.0931	.1029	

ตาราง 57 (ต่อ)

ข้อ	ดัชนີກວາມລໍາເວັ້ງ	ດັບຕຸລາ	ຮອກສົ່ງ
	ທີ່ໃຊ້ໃນການວິຈັຍ	ທີ່ເສນອແນະ	
97	.0730	.7409*	
100	- .0268	.2876*	
รวม	21	47	21
	(33.87%)	(75.81%)	(33.87%)

ตาราง 58 แสดงค่าตัวนิความล้าเฉียงของรากสอง 2 แบบถ่ายวิธีให้กับชุดข้อมูล  
ที่มีพารามิเตอร์ 3 ตัว จากแบบส่วนนั้นที่ 4

ข้อ	ตัวนิความล้าเฉียง	ตัวนิความล้าเฉียง	ข้อที่ใช้
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
1	- .0903	.1183	
3	- .1010	.1183	
4	- .4990	.4990	/
6	- .1931	.2133	
7	- .1298	.1852	
8	- .4111	.4113	/
9	- .1461	.1977	
10	- .0887	.1698	
11	- .2250	.2250	/
12	- .3527	.3647	/
13	- .5575	.5575	/
14	- .2292	.3787	/
15	- .5298	.5298	/
16	- .5362	.5362	/
17	- .2024	.2024	/
18	.2143	.2143	/
20	- .1818	.4958	
23	- .5088	.5088	/
24	- .1897	.2663	

## ตาราง 58 (ต่อ)

ข้อ	ตัวชี้ความล้ำເວັ້ງ	ตัวชี้ความລຳເວັ້ງ	ข้อที่ร้า
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
26	- .1040	.1096	
28	.0126	.0455	
29	.5011	.5011	/
31	.1181	.1640	
35	-.2181	.2249	/
36	-.1858	.1858	
38	.1991	.1991	
40	.1959	.1959	
41	.1205	.1205	
44	.0906	.0969	
48	-.2267	.2499	/
50	.1169	.1171	
51	.1849	.3351	
52	.2469	.5652	/
53	.2071	.4137	/
56	-.2584	.3262	/
57	-.3444	.3444	/
58	-.1055	.1071	
59	.2337	.2337	/
60	-.3512	.3896	/
61	.0731	.1061	

## ตาราง 58 (ต่อ)

ข้อ	ผัชณิความลำเอียง	ผัชณิความลำเอียง	ข้อที่สำคัญ
	ที่ใช้ในการวิจัย	ที่เสนอแนะ	
62	.0227	.0428	
63	-.1276	.2390	
64	-.1504	.3906	
65	.2488	.3031	/
66	-.4026	.4135	/
67	.1268	.2057	
69	-.2769	.2788	/
71	-.3177	.3177	/
72	-.0922	.1514	
73	-.2884	.4404	/
75	-.0423	.1544	
76	-.1219	.2033	
77	-.6027	.6027	/
79	.0138	.0687	
80	.0290	.1491	
82	.2386	.2386	/
83	-.2076	.3709	/
85	.0775	.1554	
86	-.0527	.4204	
88	-.1656	.3214	
89	-.0371	.2227	

## ตาราง 58 (ต่อ)

ข้อ	ดัชนีความจำเวียง	ดัชนีความจำเวียง	อัตราที่ร้าว
	ที่ใช้ในการวิจัย	ที่เลนอย่าง	
90	- .0082	.2310 <sup>*</sup>	
91	- .2445 <sup>*</sup>	.4362 <sup>*</sup>	/
92	- .2417 <sup>*</sup>	.2418 <sup>*</sup>	/
93	- .2333 <sup>*</sup>	.2335 <sup>*</sup>	/
94	- .4006 <sup>*</sup>	.4006 <sup>*</sup>	/
95	- .1082	.1114	
97	- .1417	.2086 <sup>*</sup>	
98	- .1474	.1474	
99	.1991	.4928 <sup>*</sup>	
100	- .1585	.3608 <sup>*</sup>	
<hr/>			
รวม	32	47	32
	(45.07%)	(66.20%)	(45.07%)

ການນາກ ແລະ  
ໄດ້ງລັກຜະບອນຈາກແນບສອນນັ້ນທີ 1

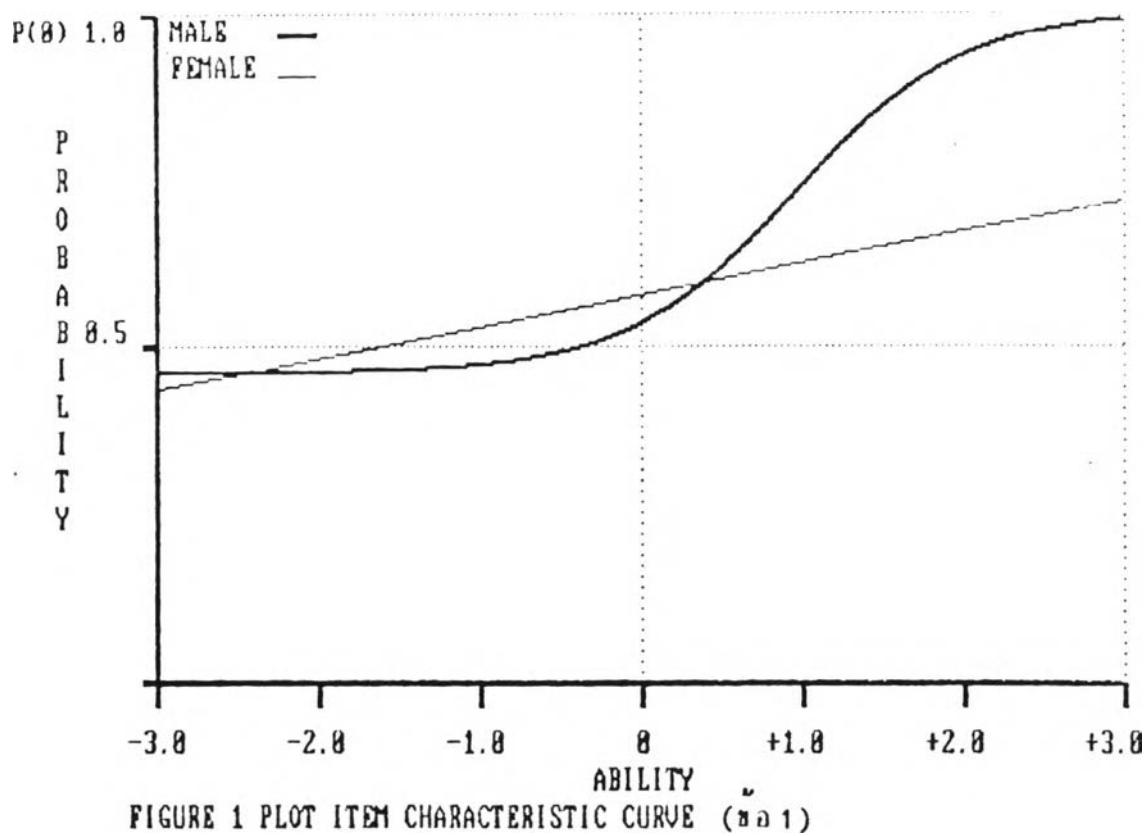


FIGURE 1 PLOT ITEM CHARACTERISTIC CURVE (a a 1)

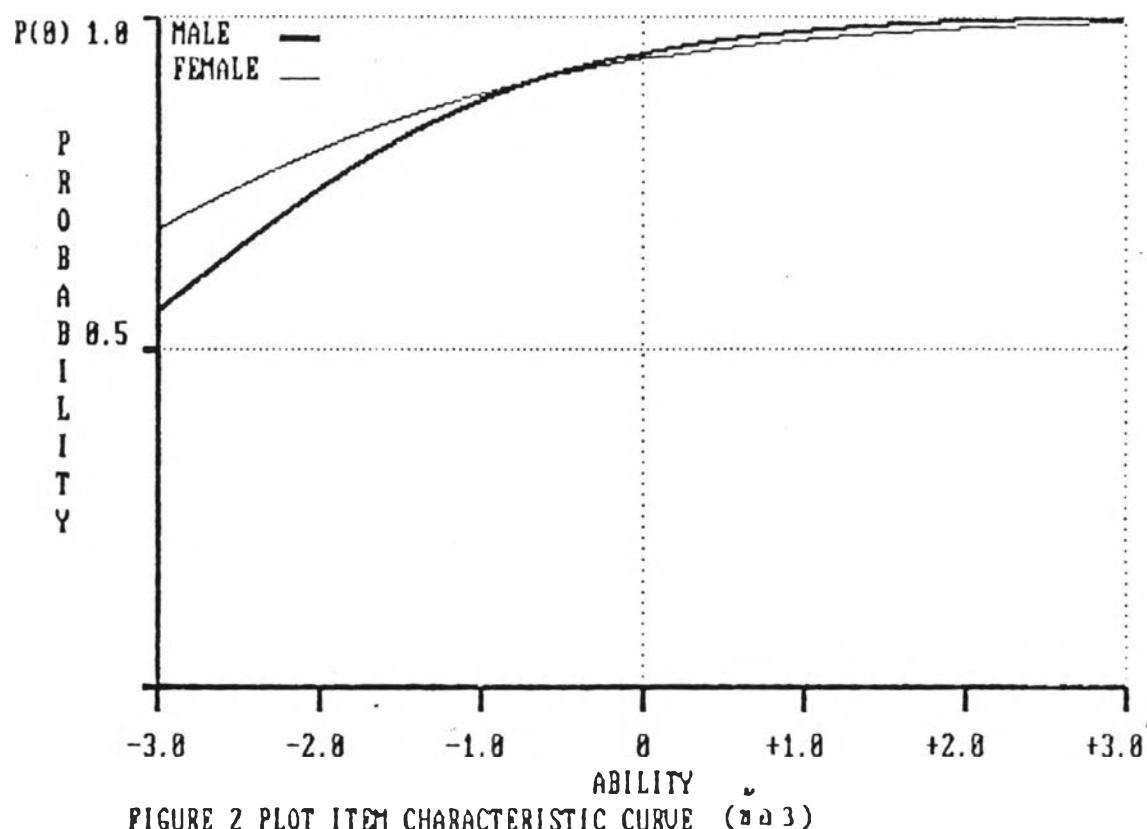


FIGURE 2 PLOT ITEM CHARACTERISTIC CURVE (a a 3)

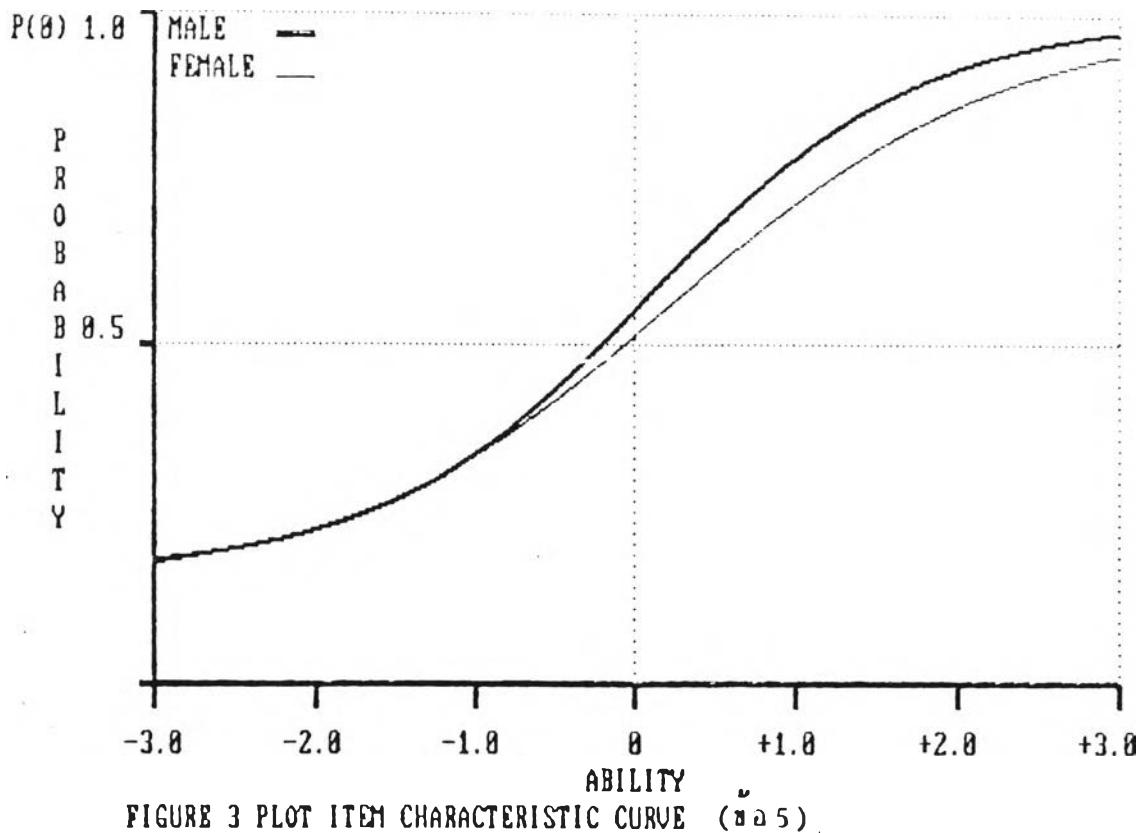


FIGURE 3 PLOT ITEM CHARACTERISTIC CURVE (a25)

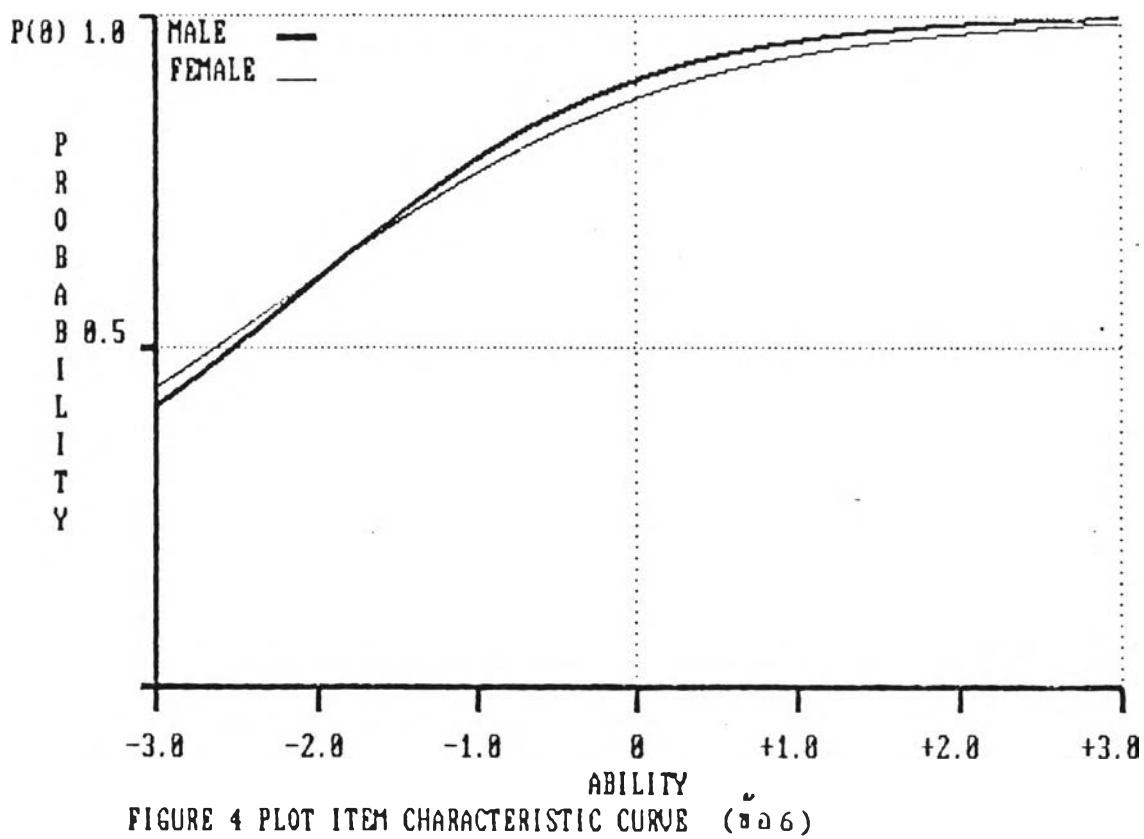


FIGURE 4 PLOT ITEM CHARACTERISTIC CURVE (a26)

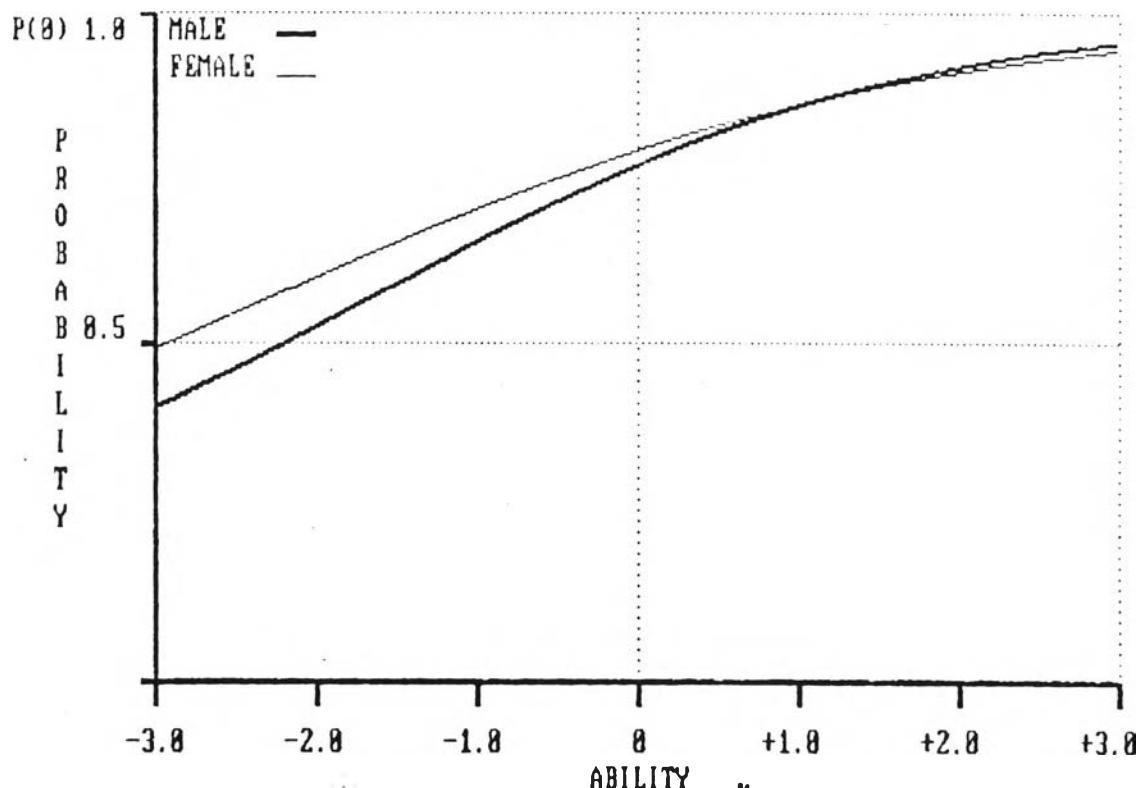


FIGURE 5 PLOT ITEM CHARACTERISTIC CURVE (aa7)

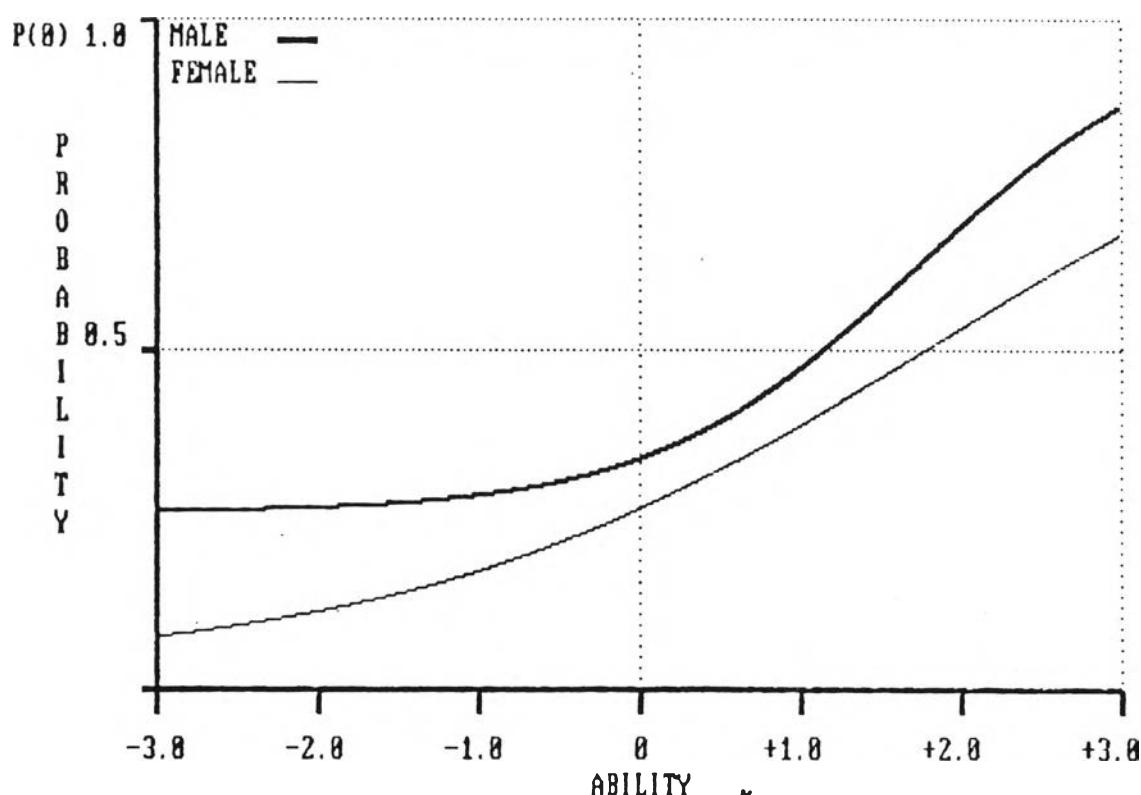


FIGURE 6 PLOT ITEM CHARACTERISTIC CURVE (aa13)

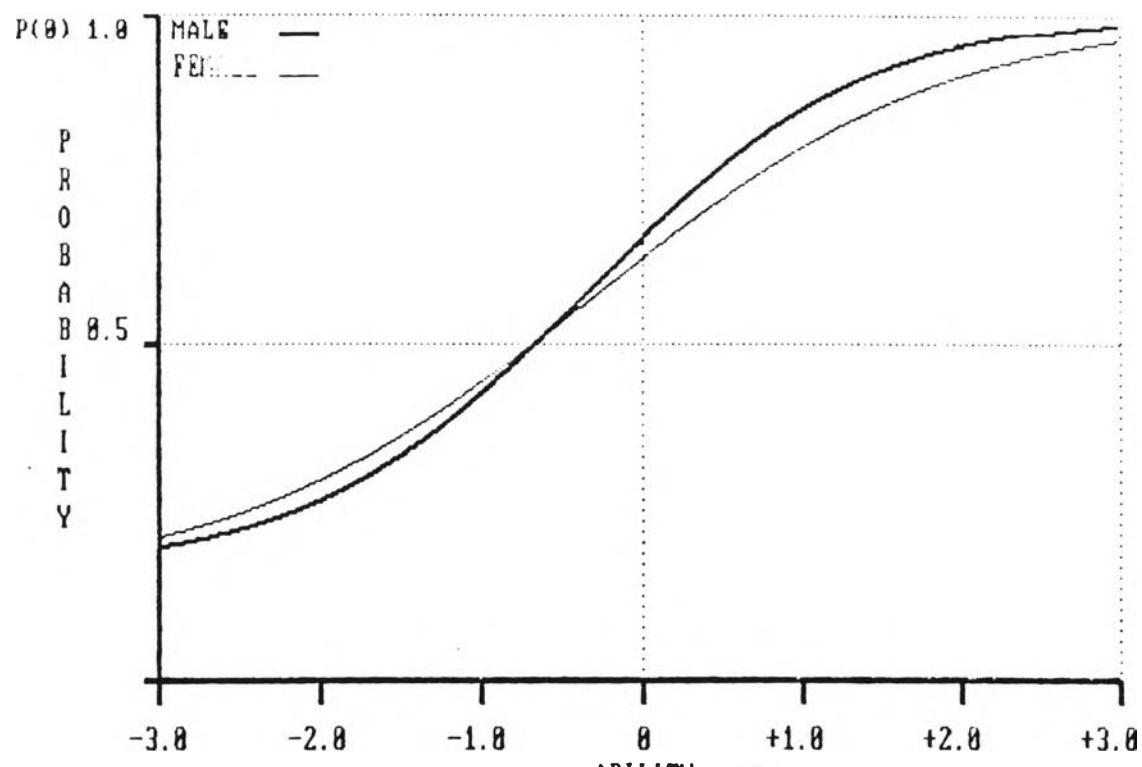


FIGURE 7 PLOT ITEM CHARACTERISTIC CURVE (aa14)

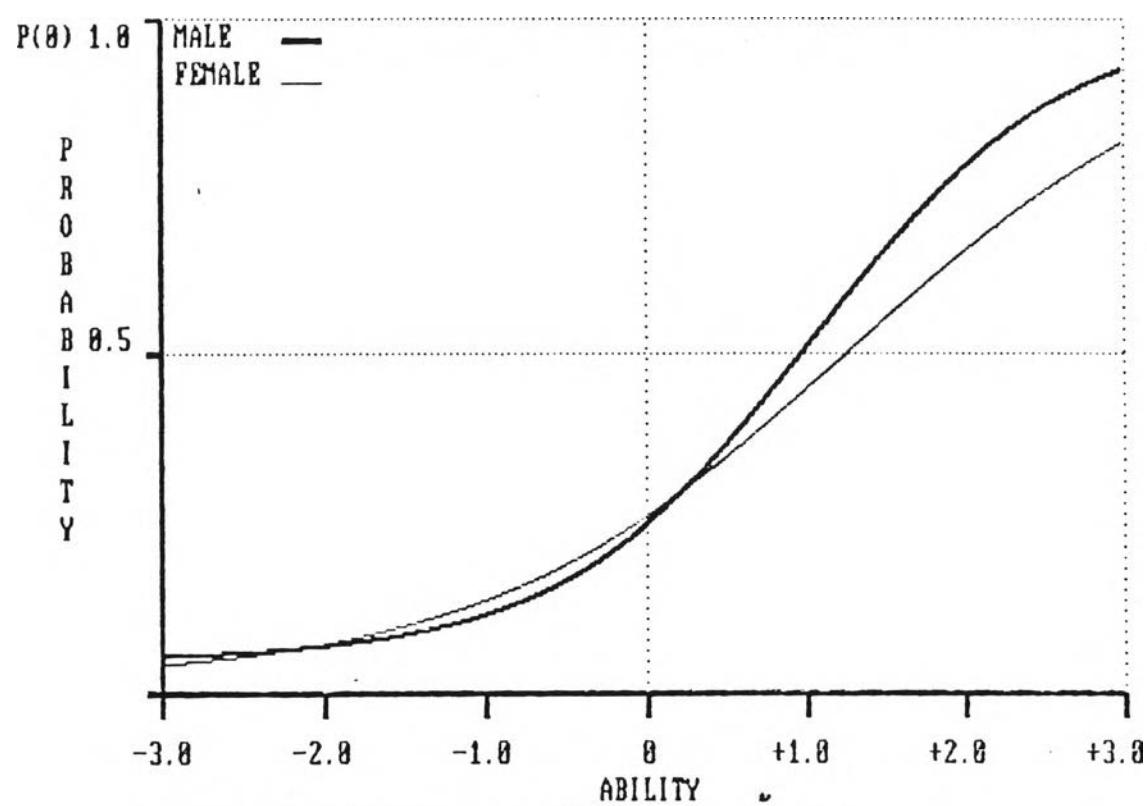


FIGURE 8 PLOT ITEM CHARACTERISTIC CURVE (aa15)

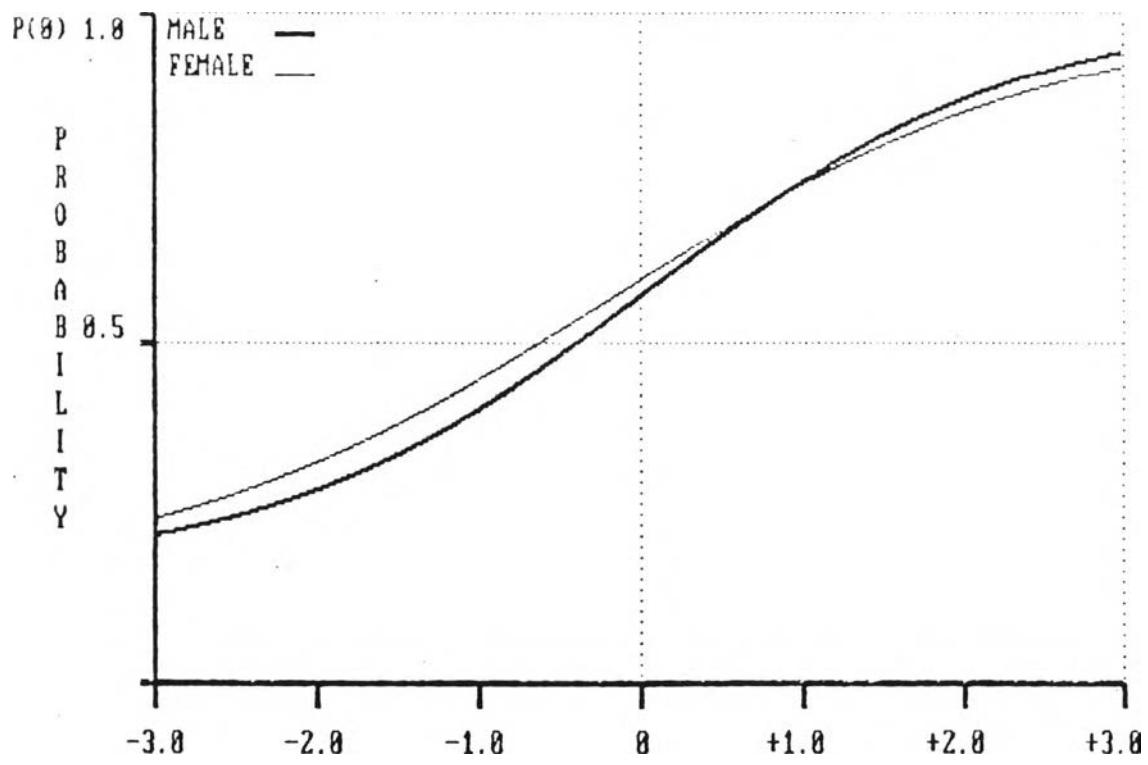


FIGURE 9 PLOT ITEM CHARACTERISTIC CURVE (n=18)

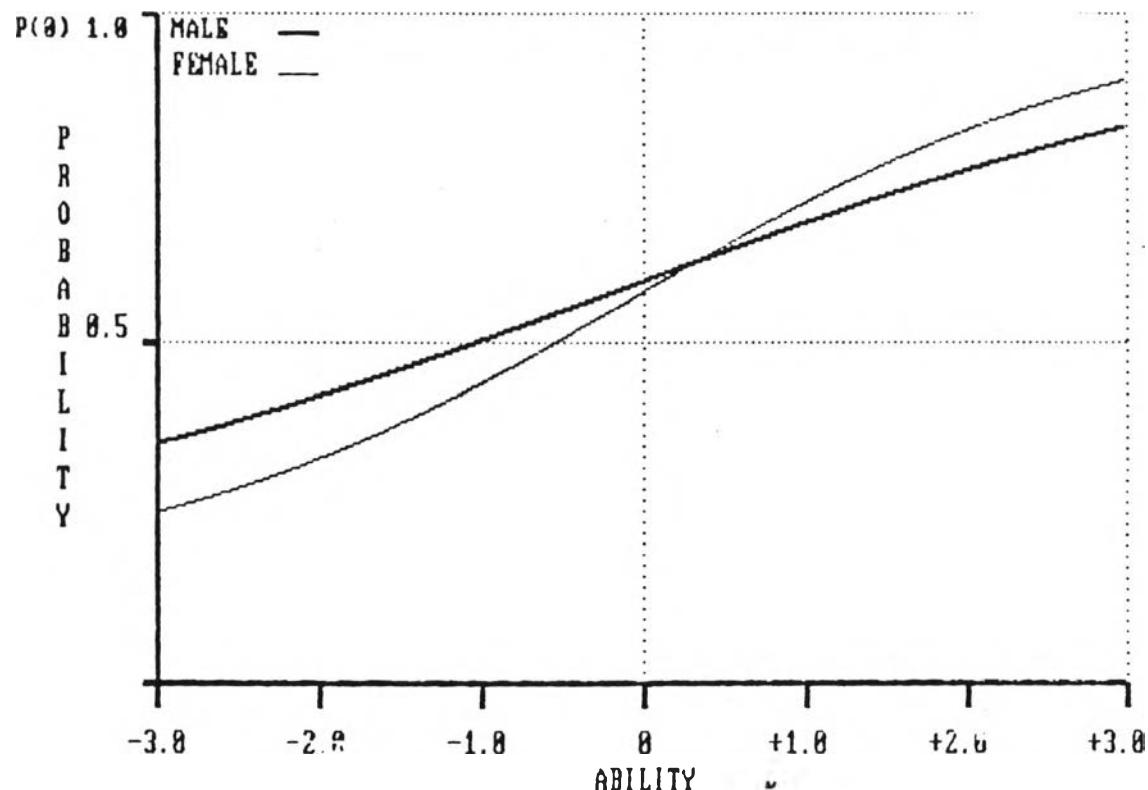


FIGURE 10 PLOT ITEM CHARACTERISTIC CURVE (n=20)

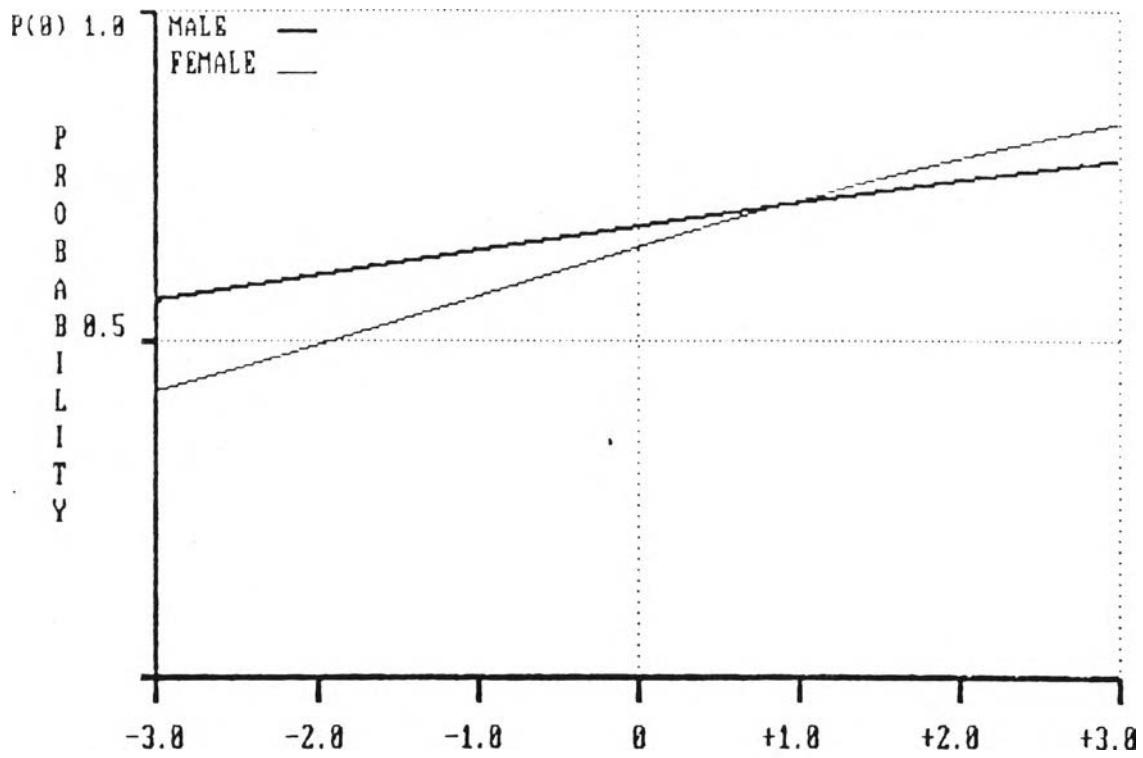


FIGURE 11 PLOT ITEM CHARACTERISTIC CURVE (n=22)

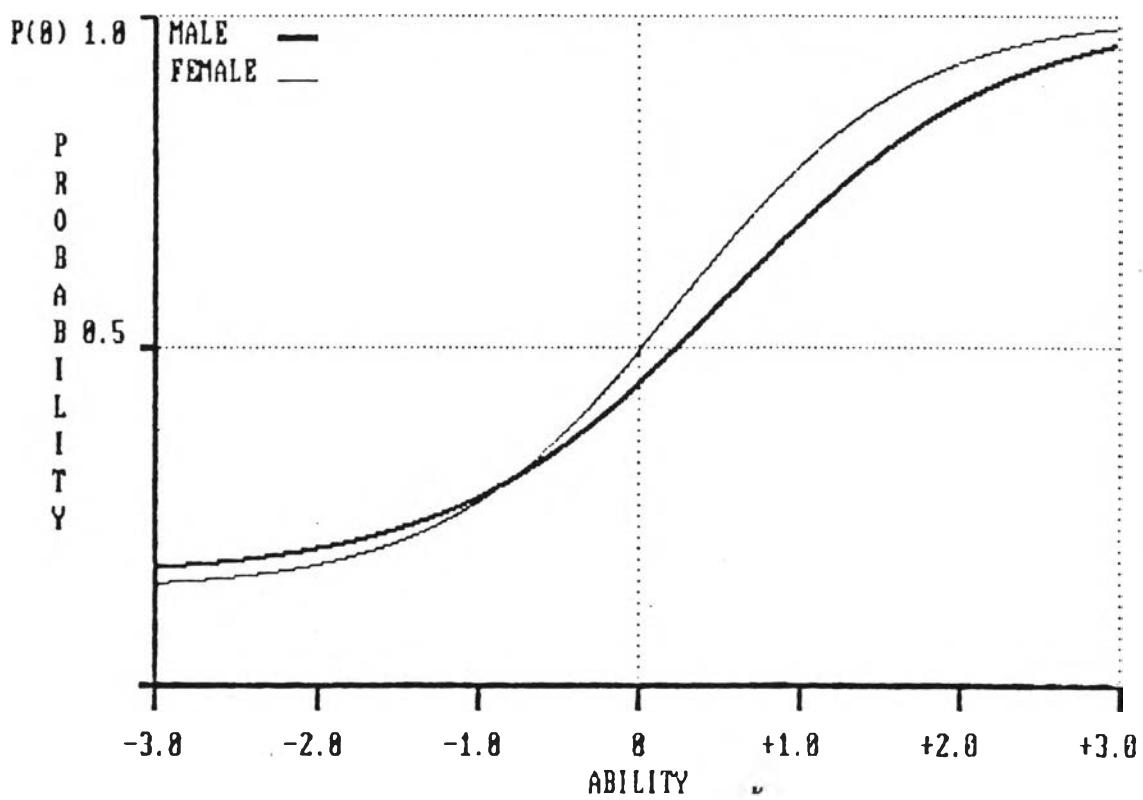


FIGURE 12 PLOT ITEM CHARACTERISTIC CURVE (n=23)

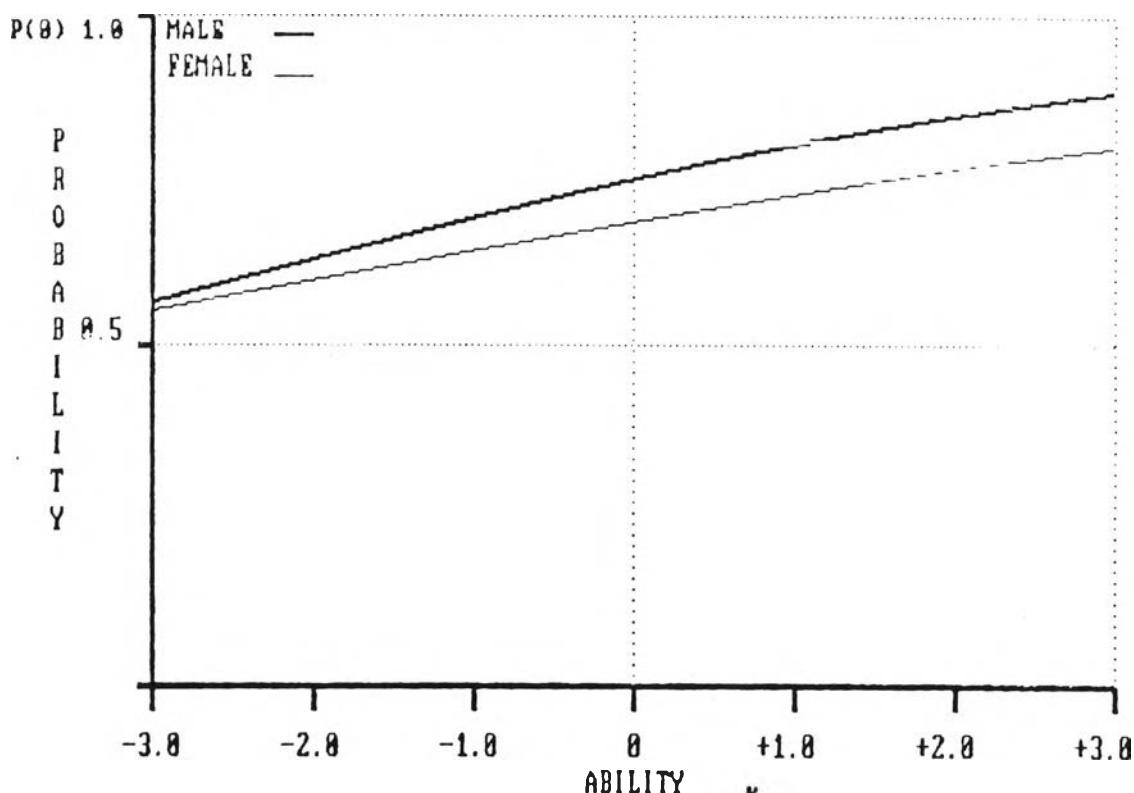


FIGURE 13 PLOT ITEM CHARACTERISTIC CURVE (ID 25)

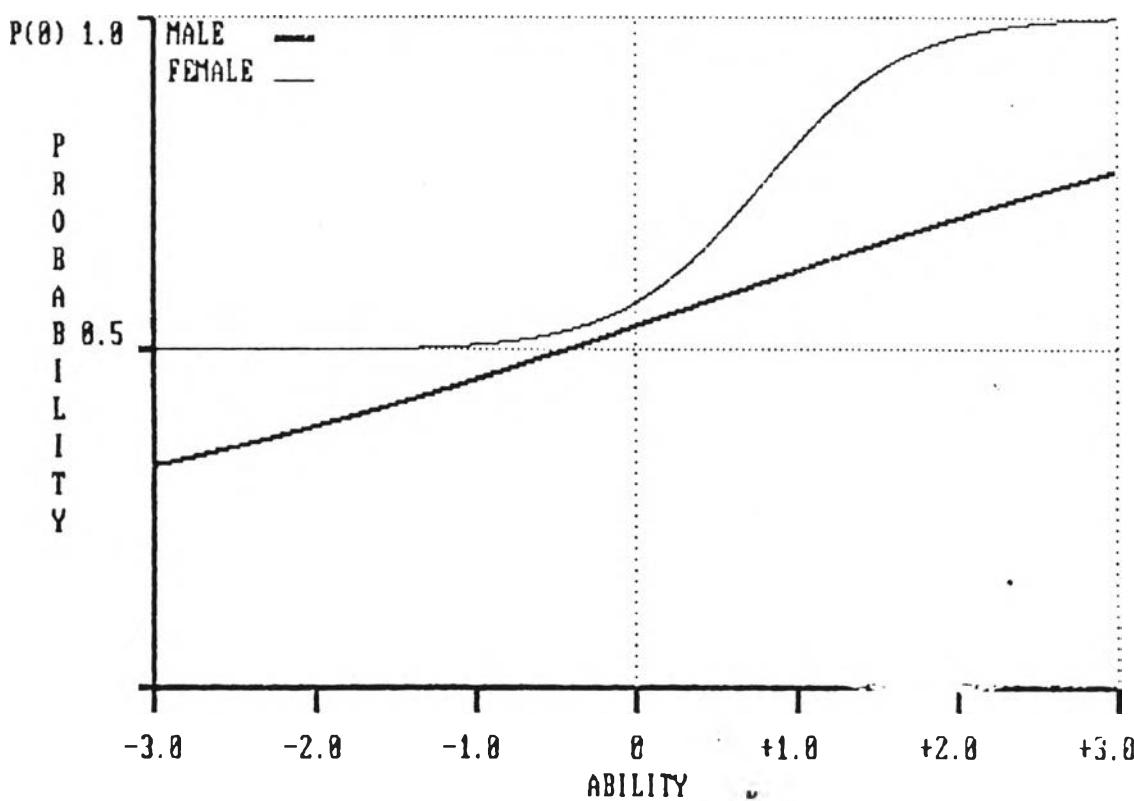


FIGURE 14 PLOT ITEM CHARACTERISTIC CURVE (ID 27)

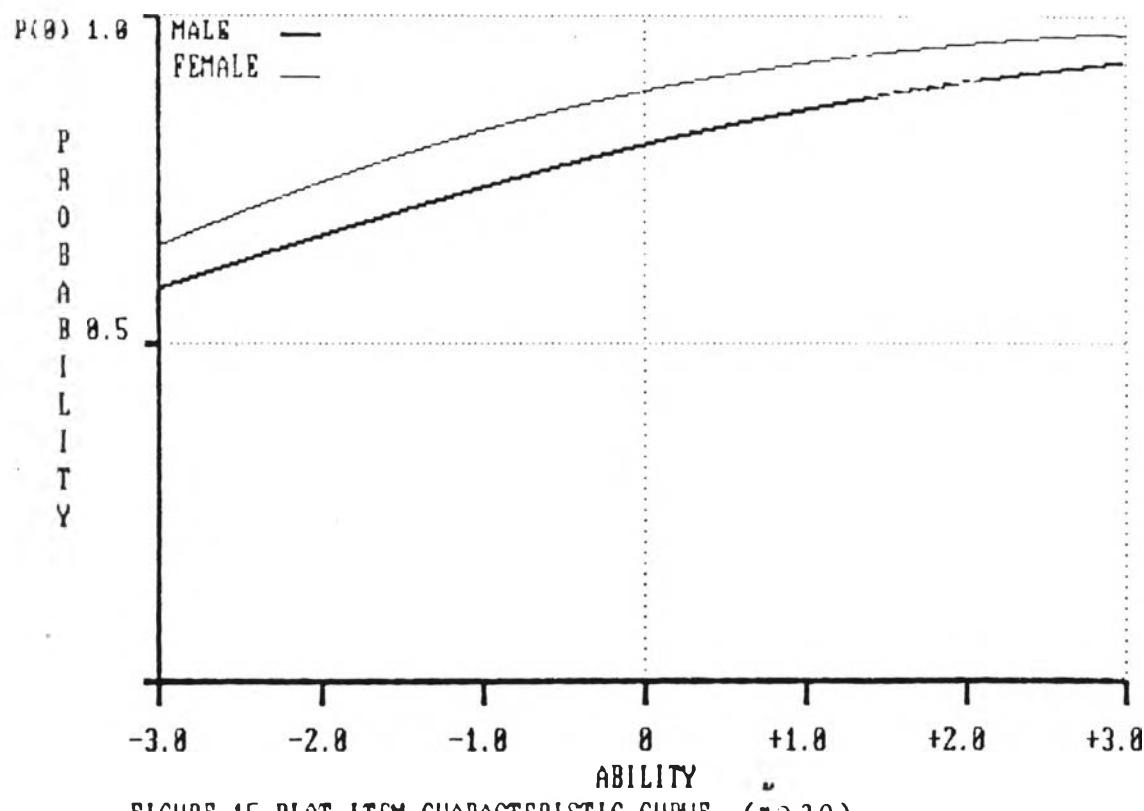


FIGURE 15 PLOT ITEM CHARACTERISTIC CURVE (n=30)

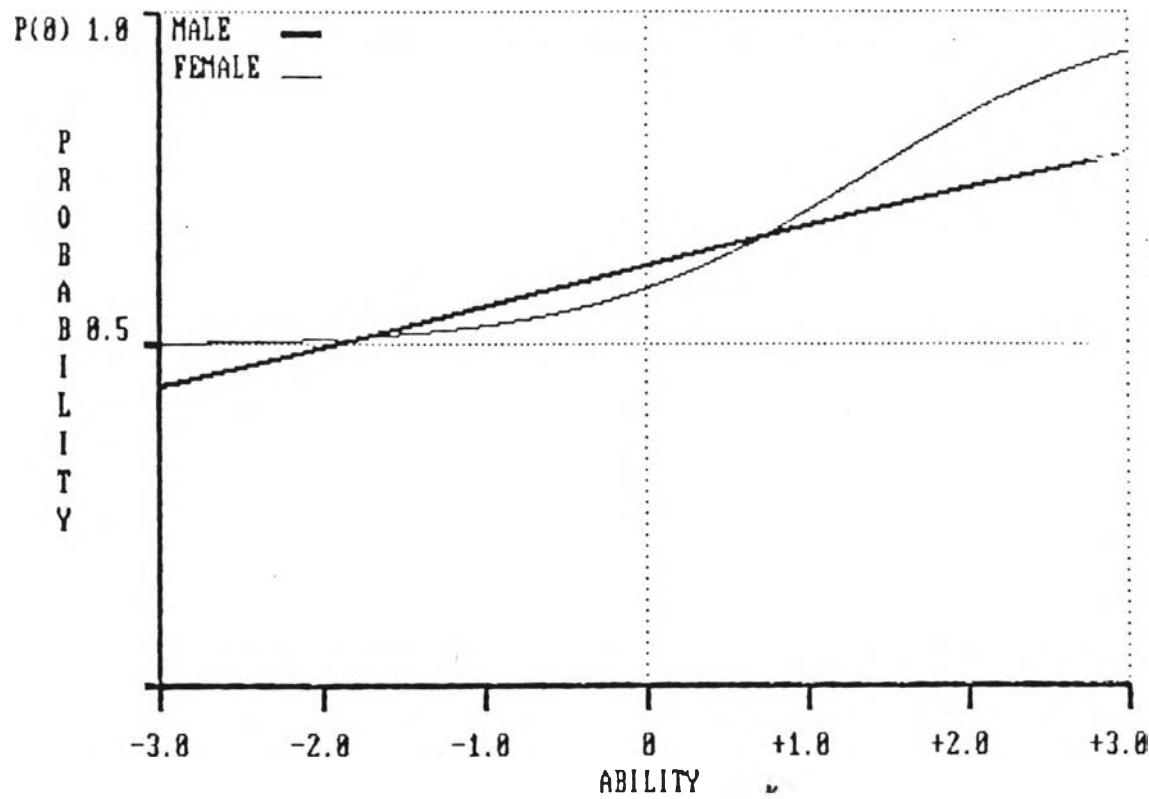


FIGURE 16 PLOT ITEM CHARACTERISTIC CURVE (n=32)

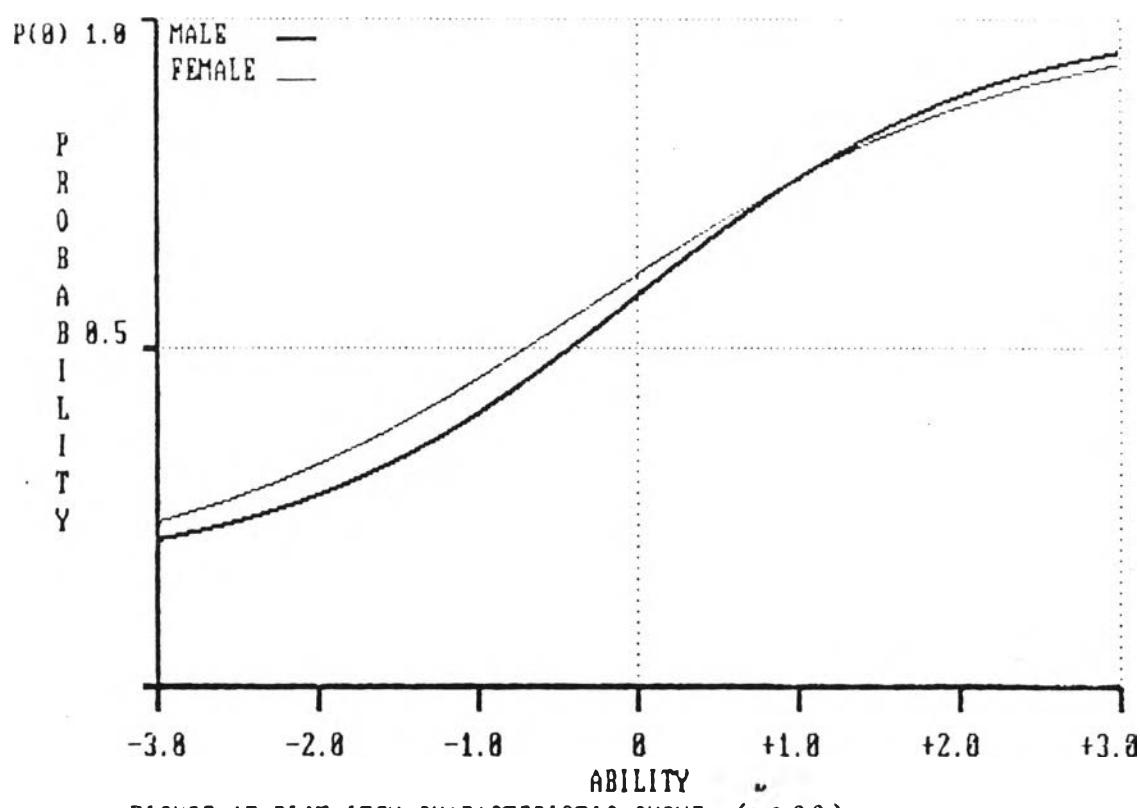


FIGURE 17 PLOT ITEM CHARACTERISTIC CURVE (#33)

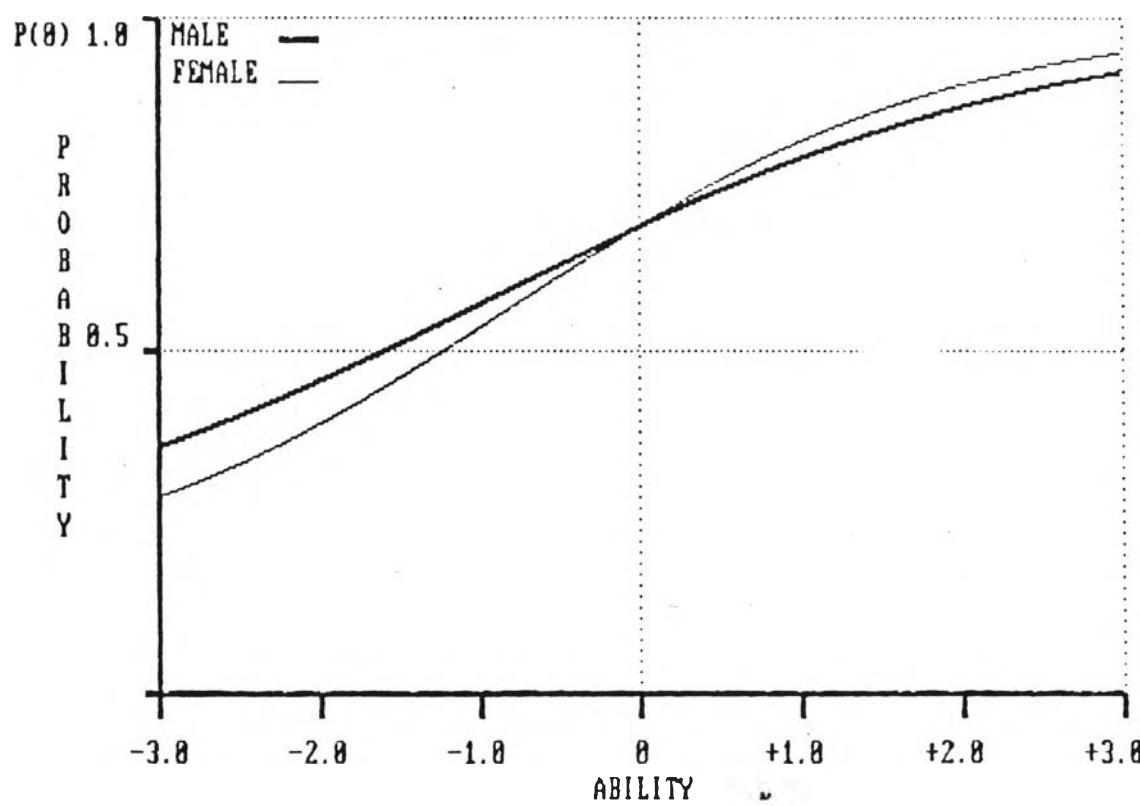


FIGURE 18 PLOT ITEM CHARACTERISTIC CURVE (#34)

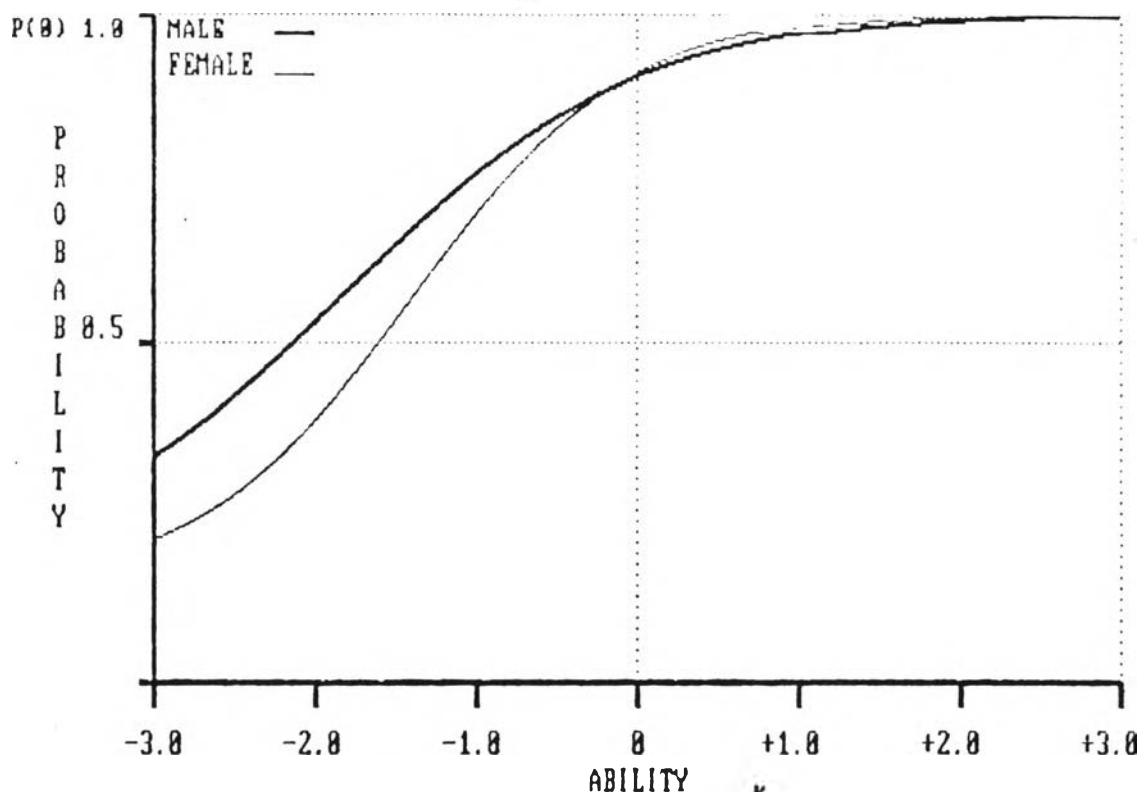


FIGURE 19 PLOT ITEM CHARACTERISTIC CURVE (3838)

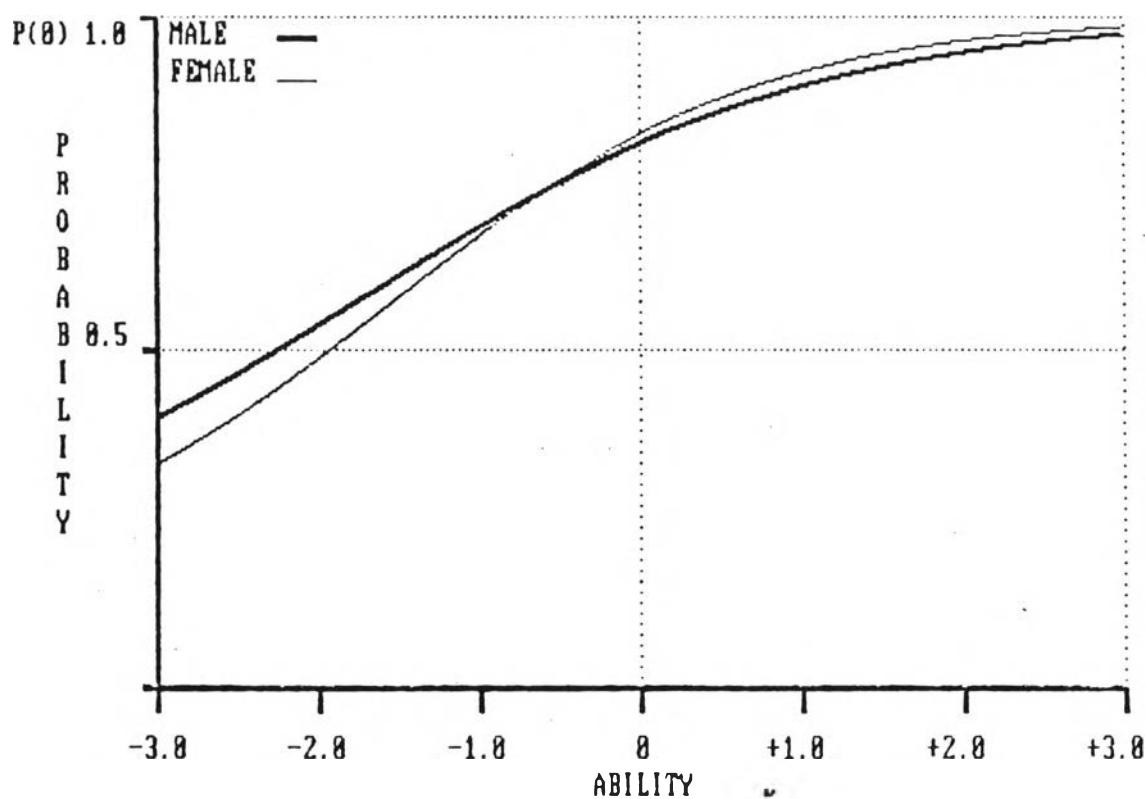


FIGURE 20 PLOT ITEM CHARACTERISTIC CURVE (3839)

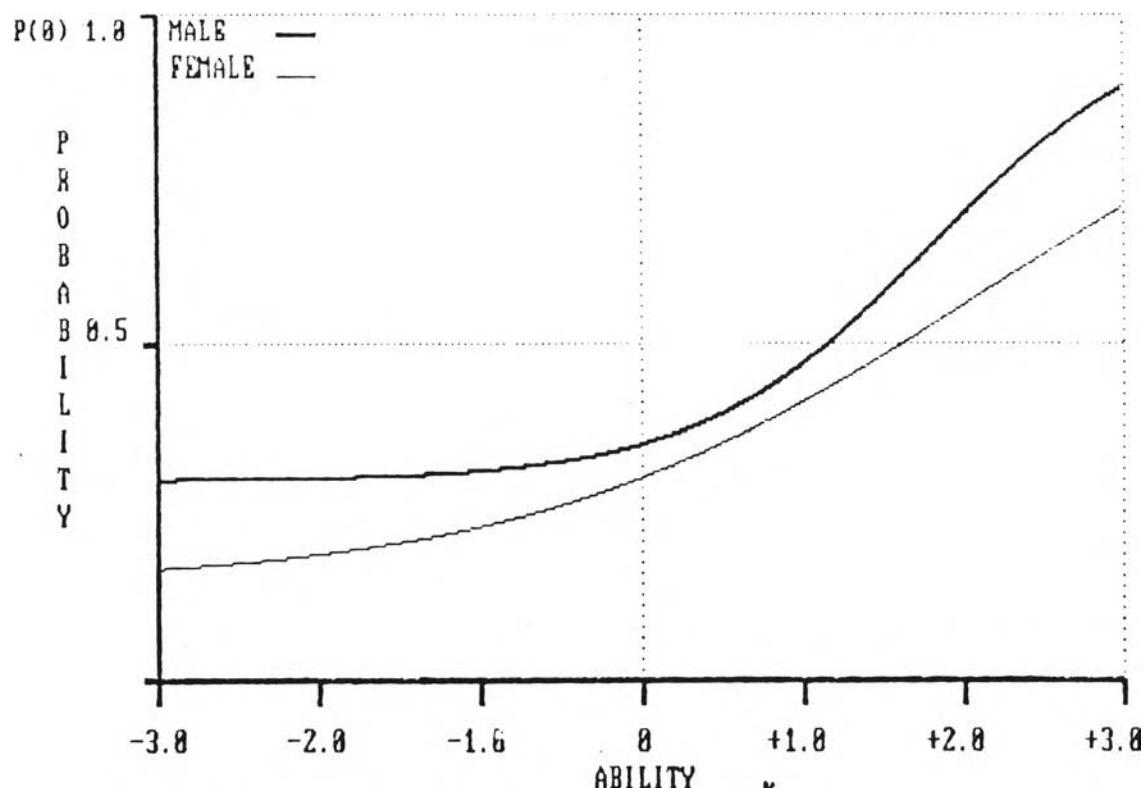


FIGURE 21 PLOT ITEM CHARACTERISTIC CURVE (4041)

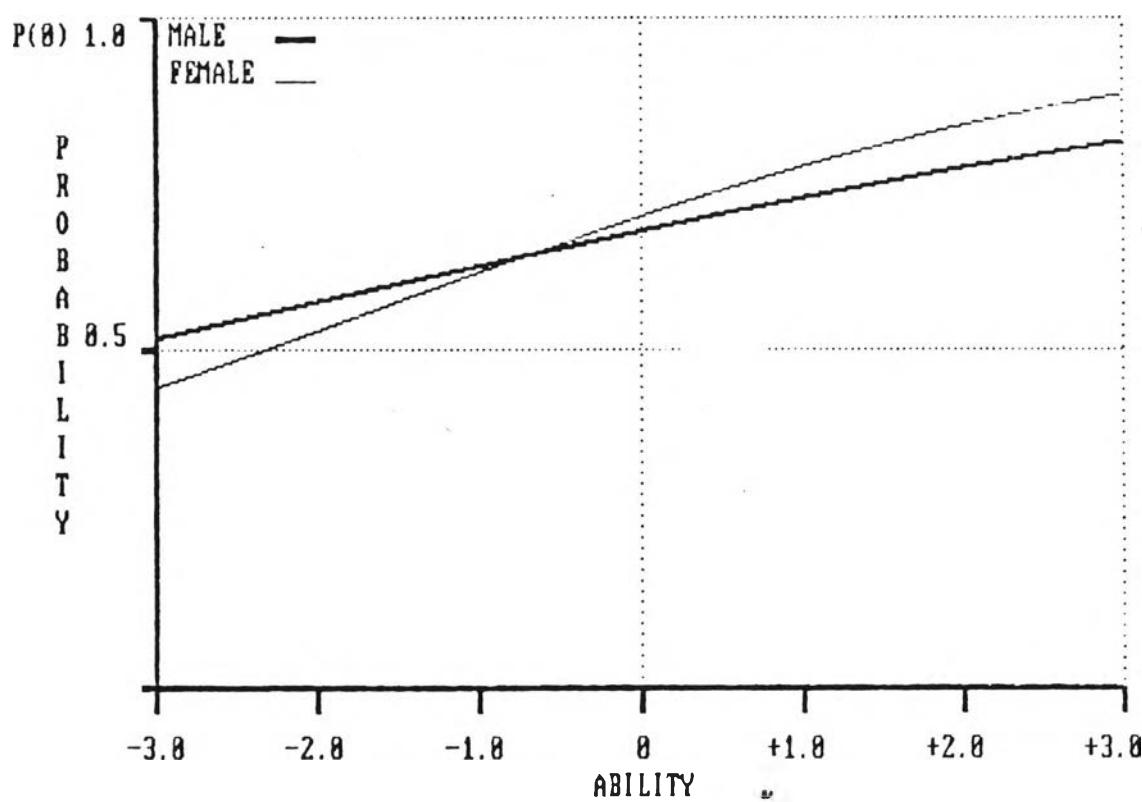


FIGURE 22 PLOT ITEM CHARACTERISTIC CURVE (4042)

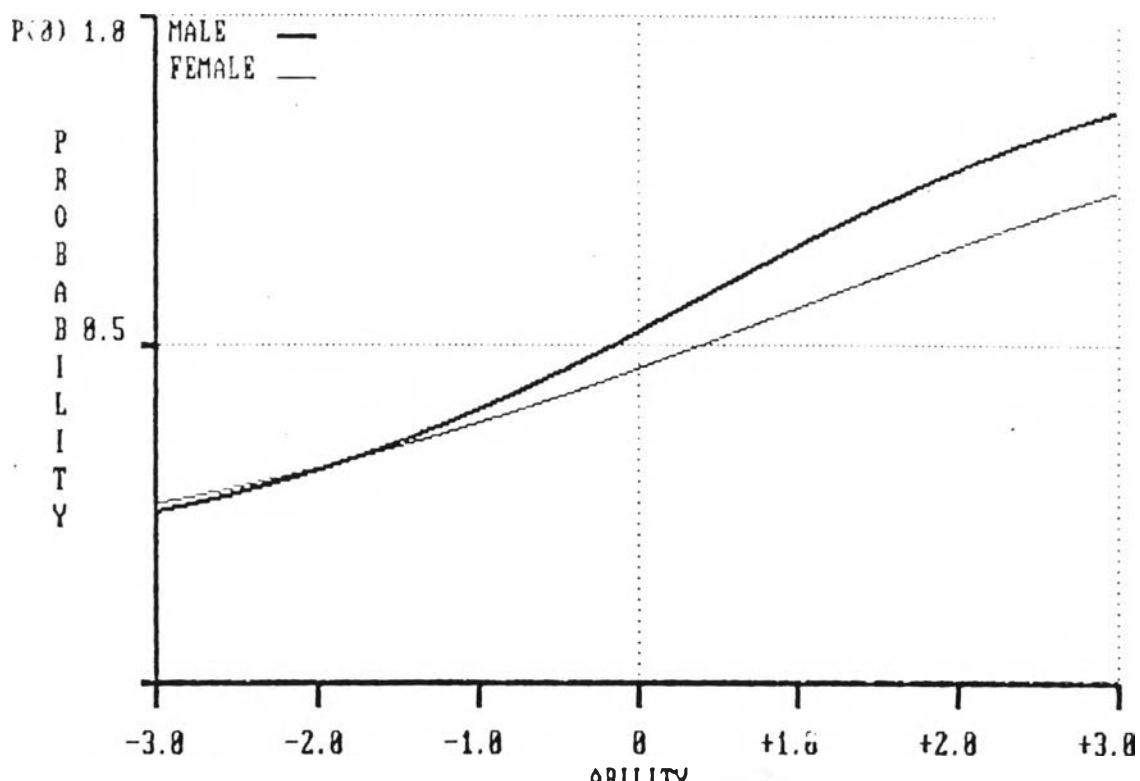


FIGURE 23 PLOT ITEM CHARACTERISTIC CURVE (aa43)

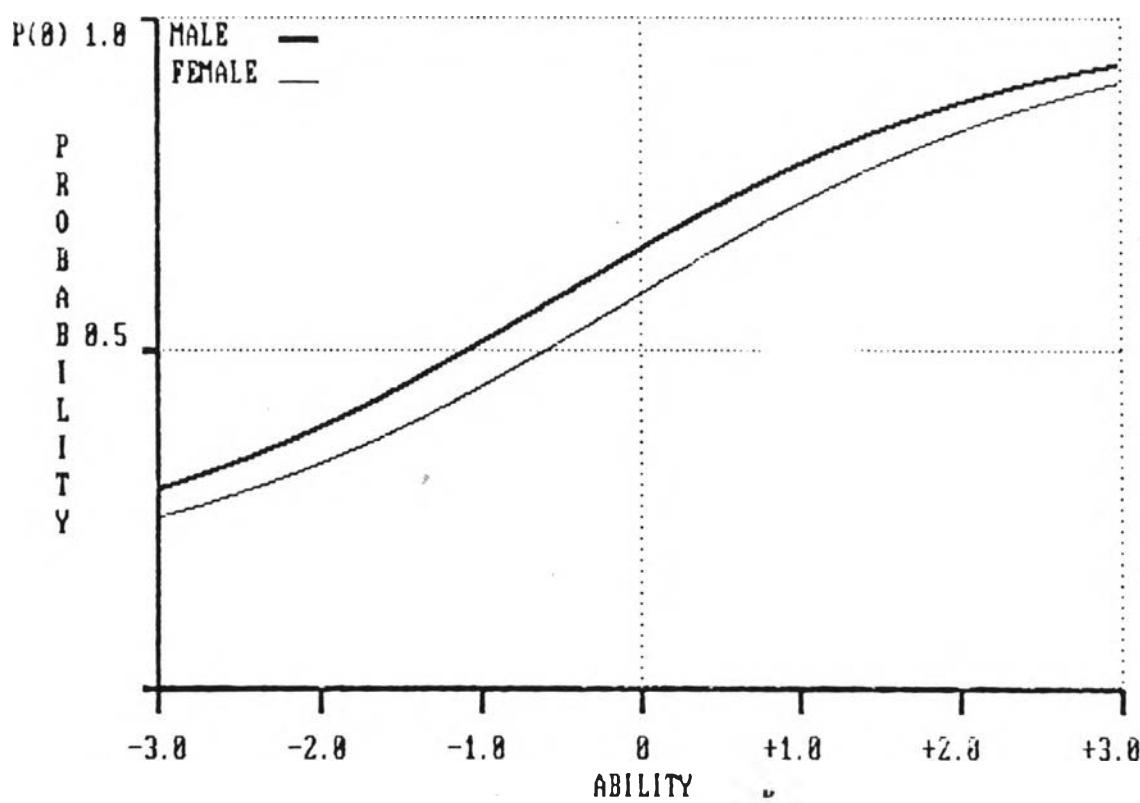


FIGURE 24 PLOT ITEM CHARACTERISTIC CURVE (aa44)

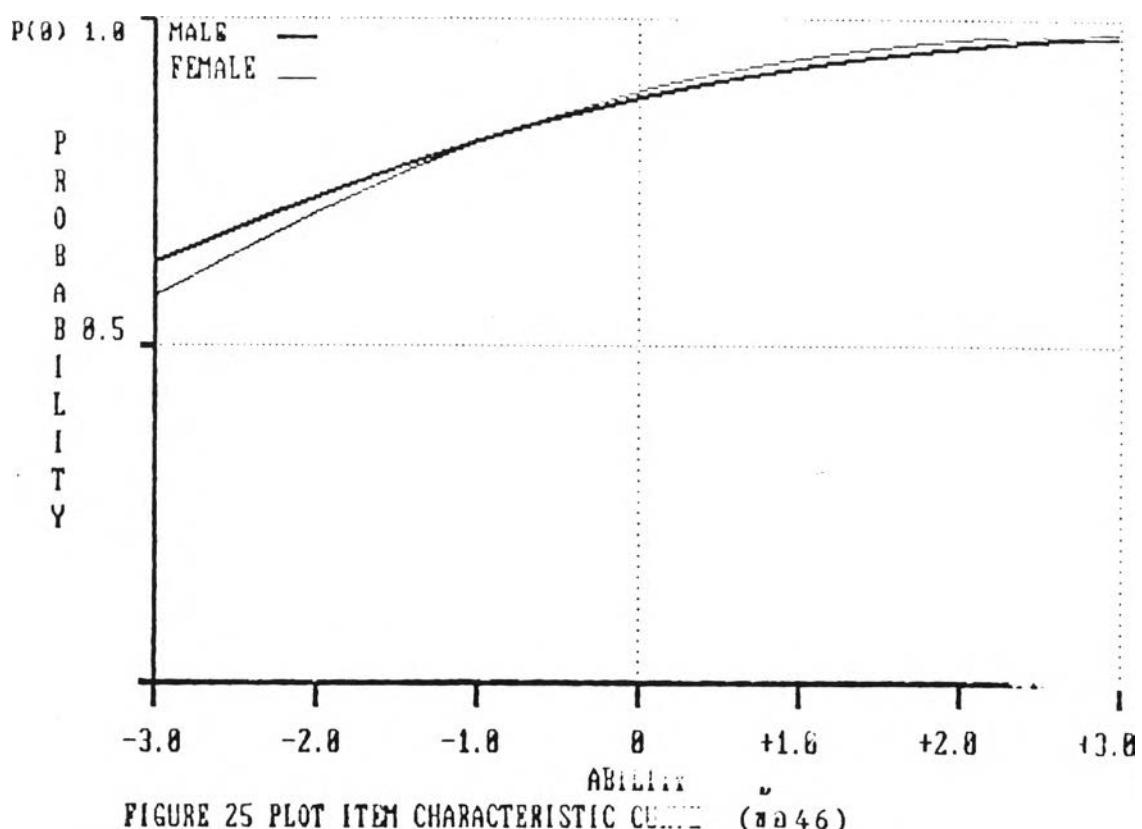


FIGURE 25 PLOT ITEM CHARACTERISTIC CURVE (g246)

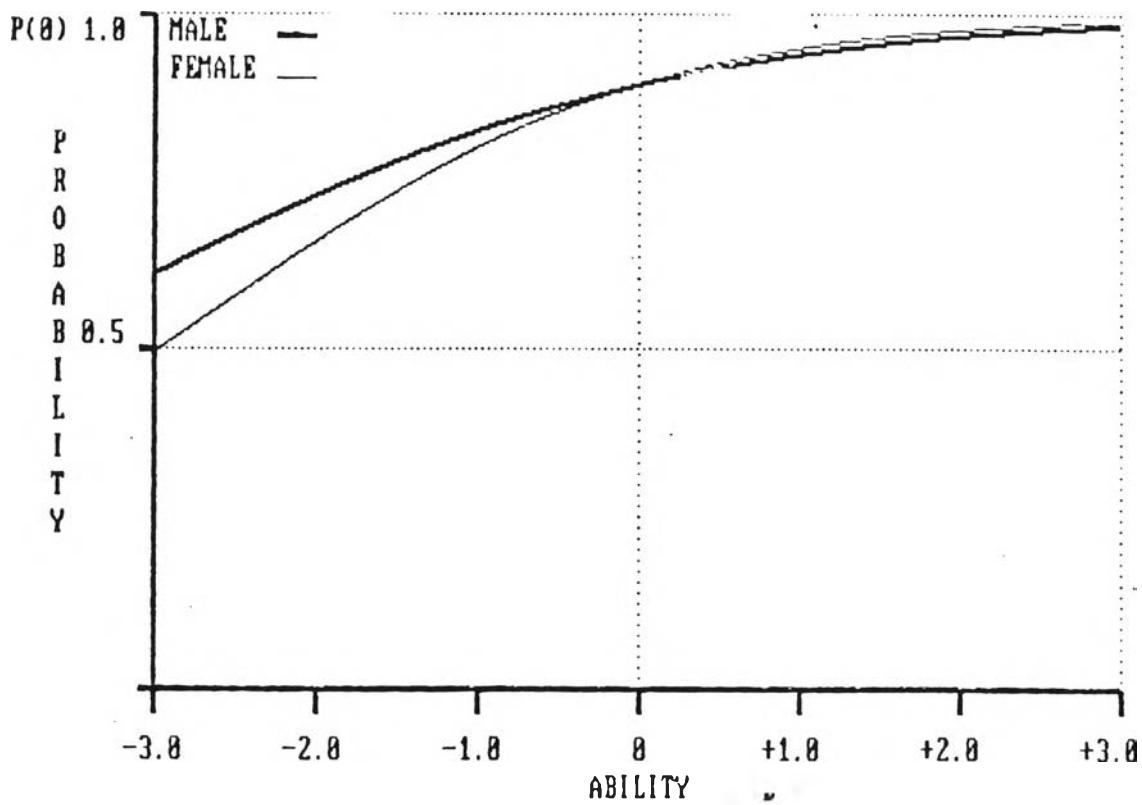


FIGURE 26 PLOT ITEM CHARACTERISTIC CURVE (g247)

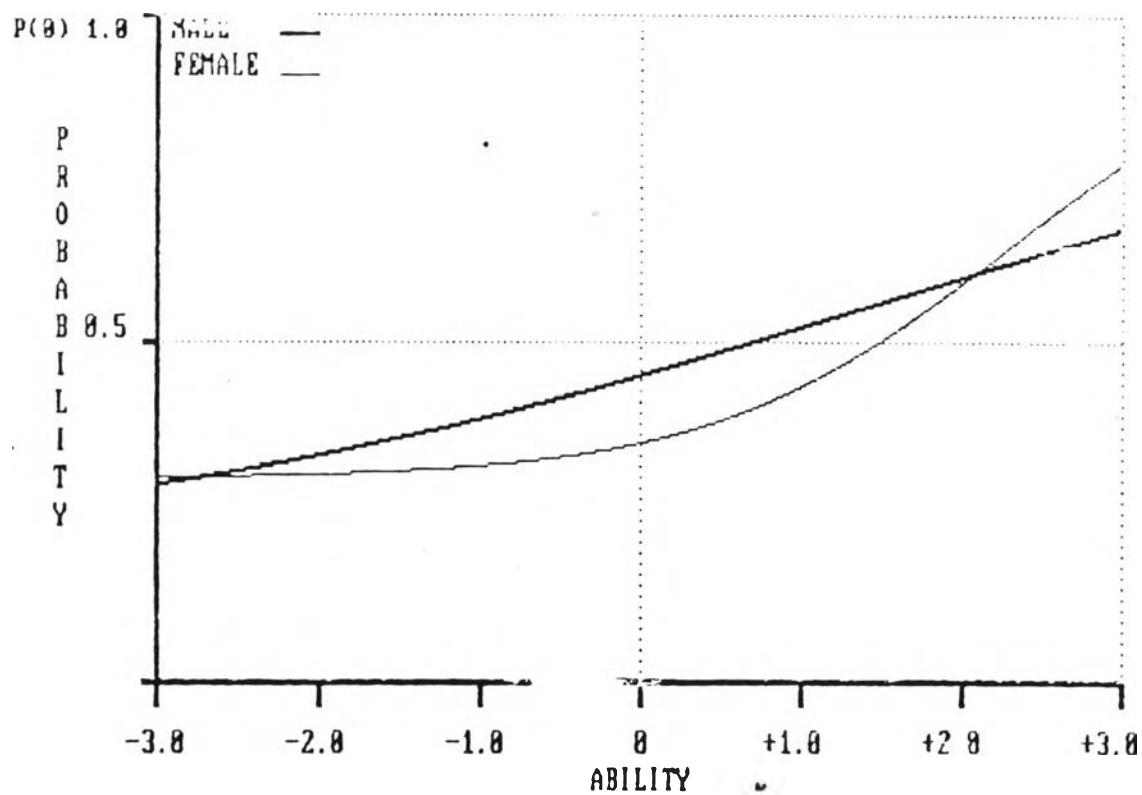


FIGURE 27 PLOT ITEM CHARACTERISTIC CURVE (sa48)

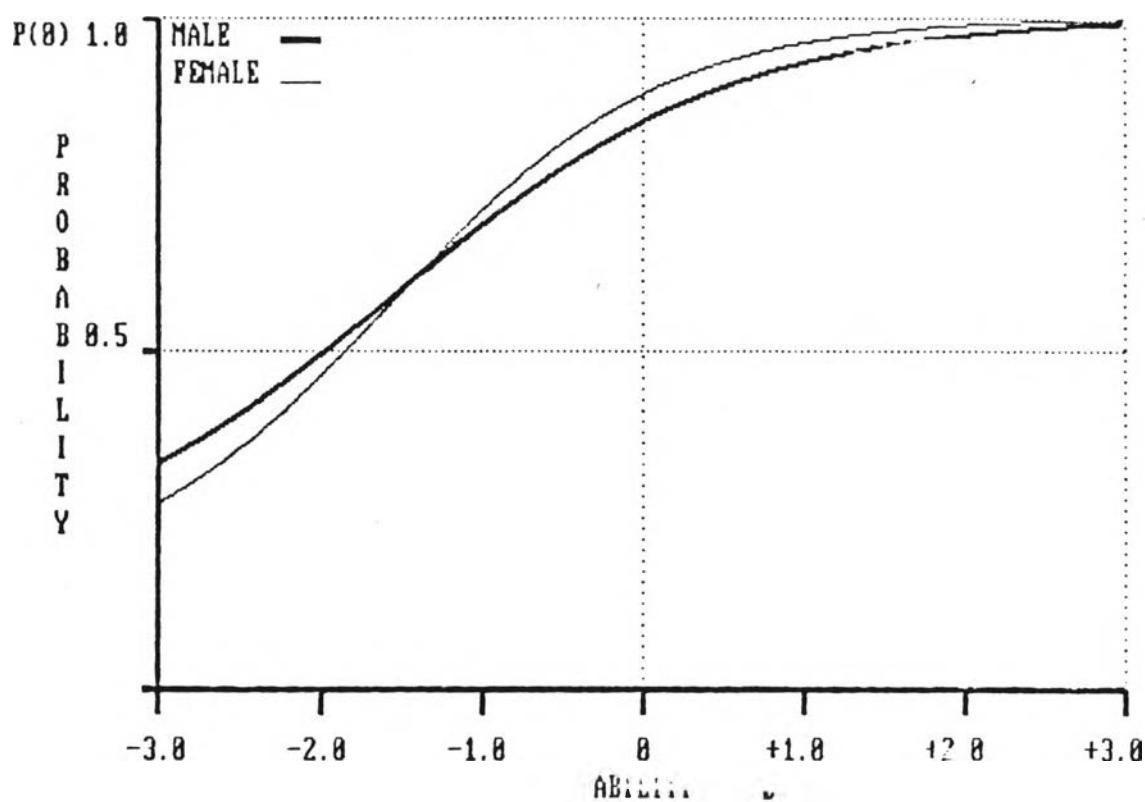


FIGURE 28 PLOT ITEM CHARACTERISTIC CURVE (sa49)

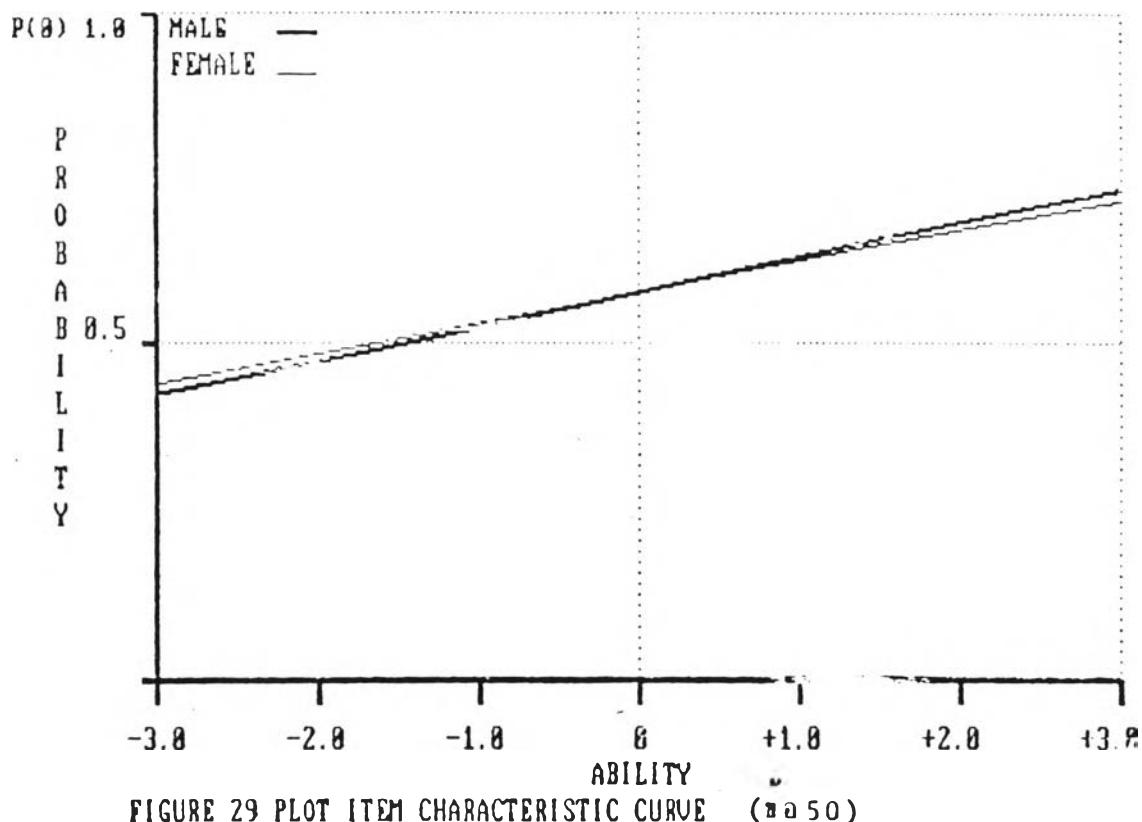


FIGURE 29 PLOT ITEM CHARACTERISTIC CURVE (n=50)

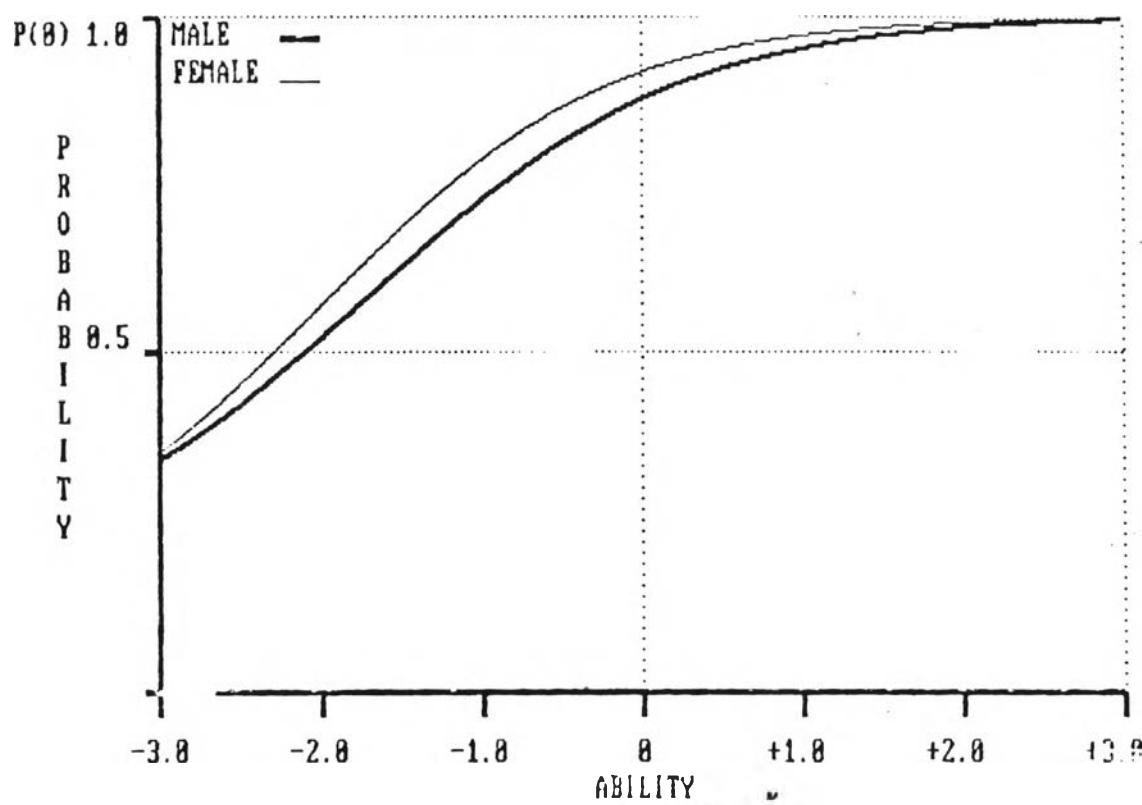


FIGURE 30 PLOT ITEM CHARACTERISTIC CURVE (n=52)

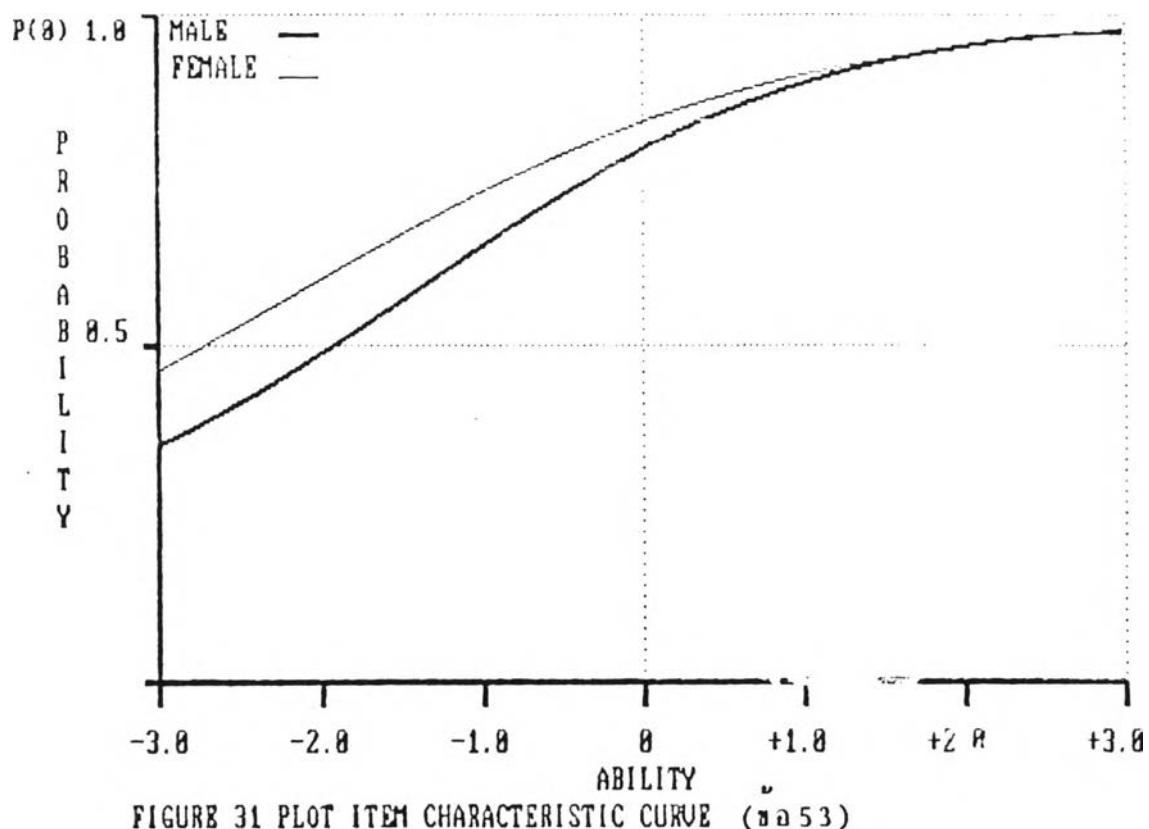


FIGURE 31 PLOT ITEM CHARACTERISTIC CURVE (n=53)

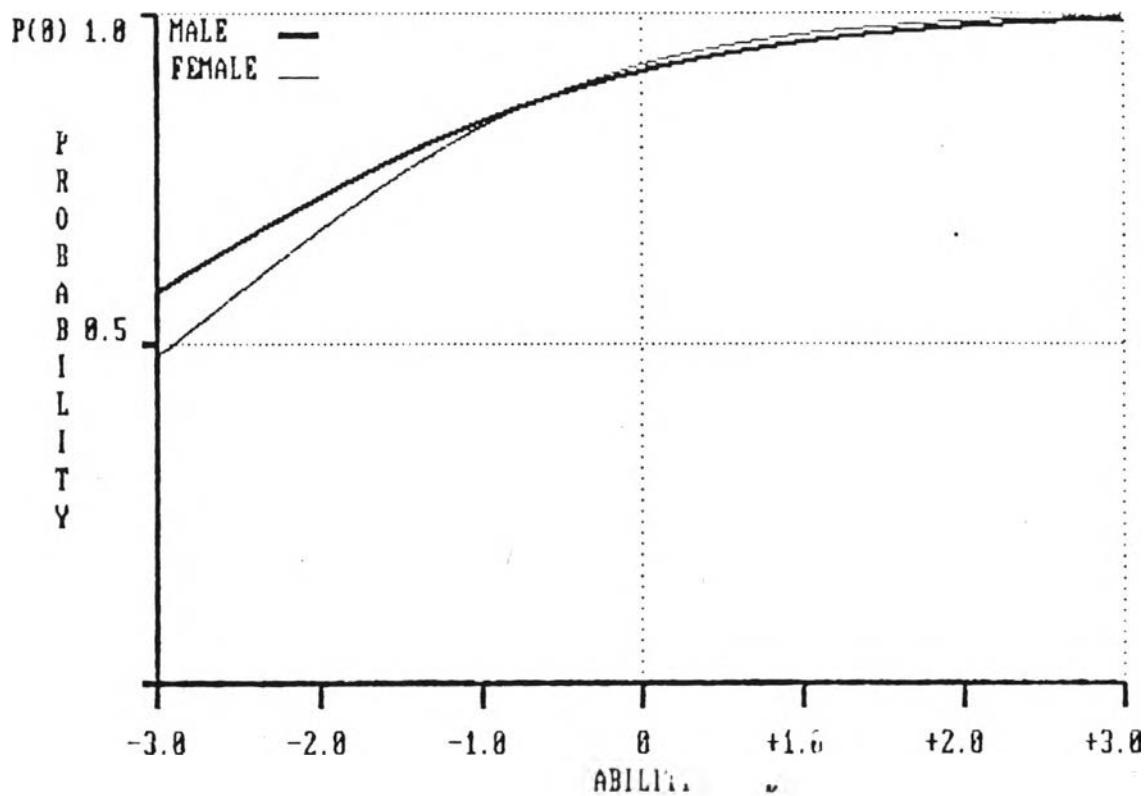


FIGURE 32 PLOT ITEM CHARACTERISTIC CURVE (n=54)

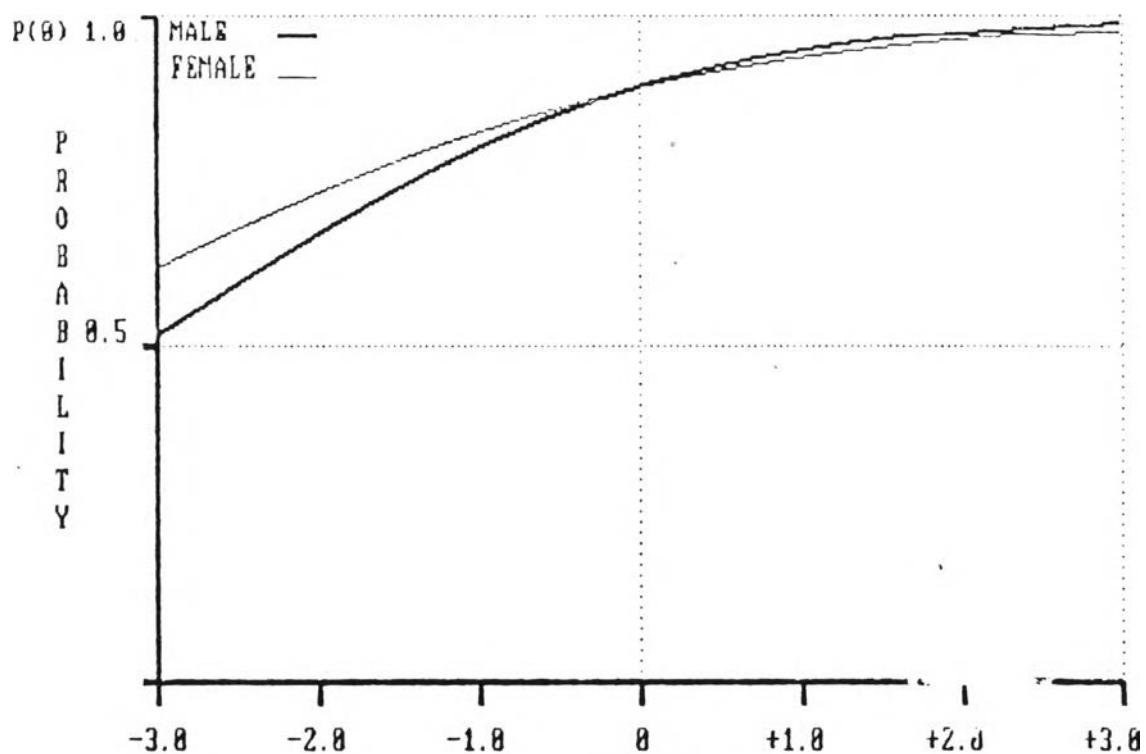


FIGURE 33 PLOT ITEM CHARACTERISTIC CURVE (1055)

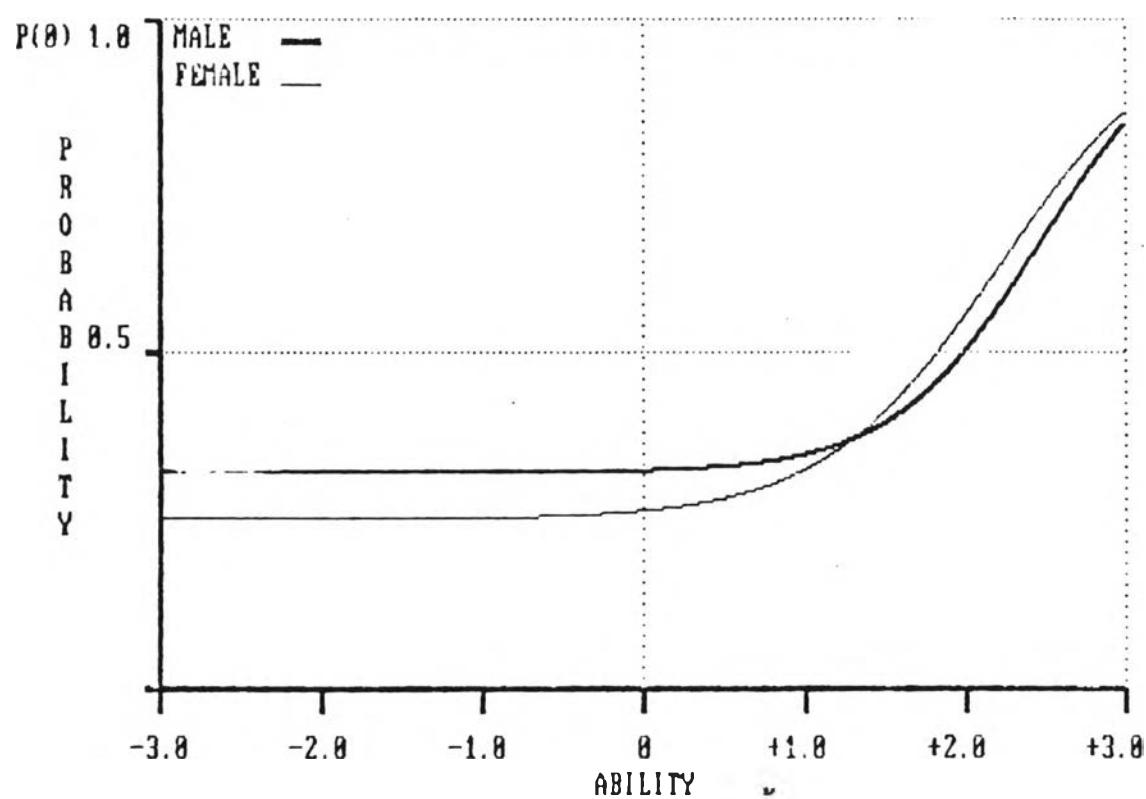


FIGURE 34 PLOT ITEM CHARACTERISTIC CURVE (1058)

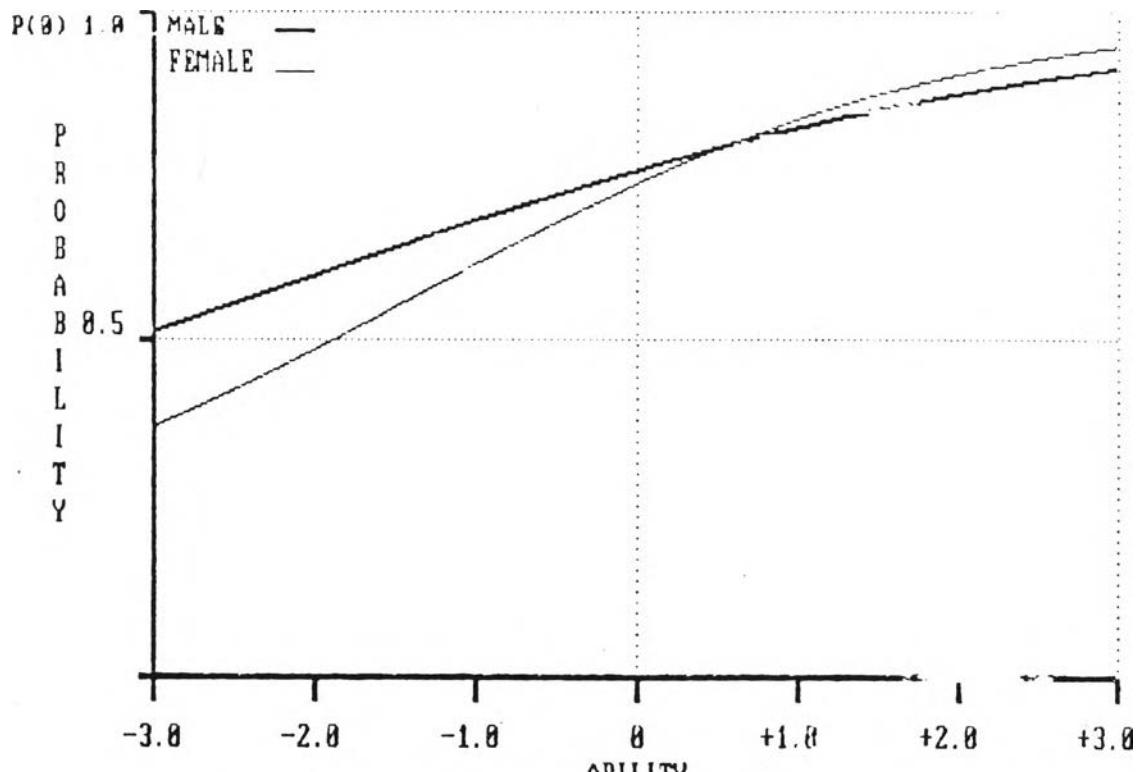


FIGURE 35 PLOT ITEM CHARACTERISTIC CURVE (ma 59)

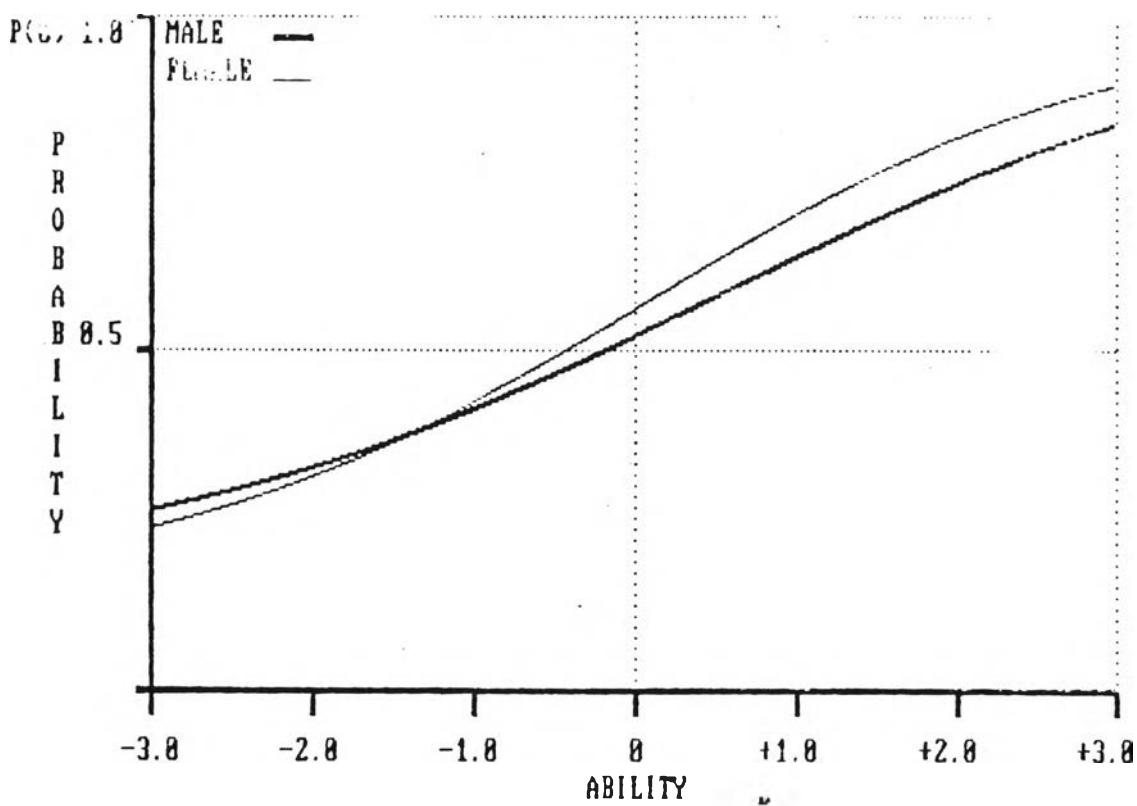


FIGURE 36 PLOT ITEM CHARACTERISTIC CURVE (ma 60)

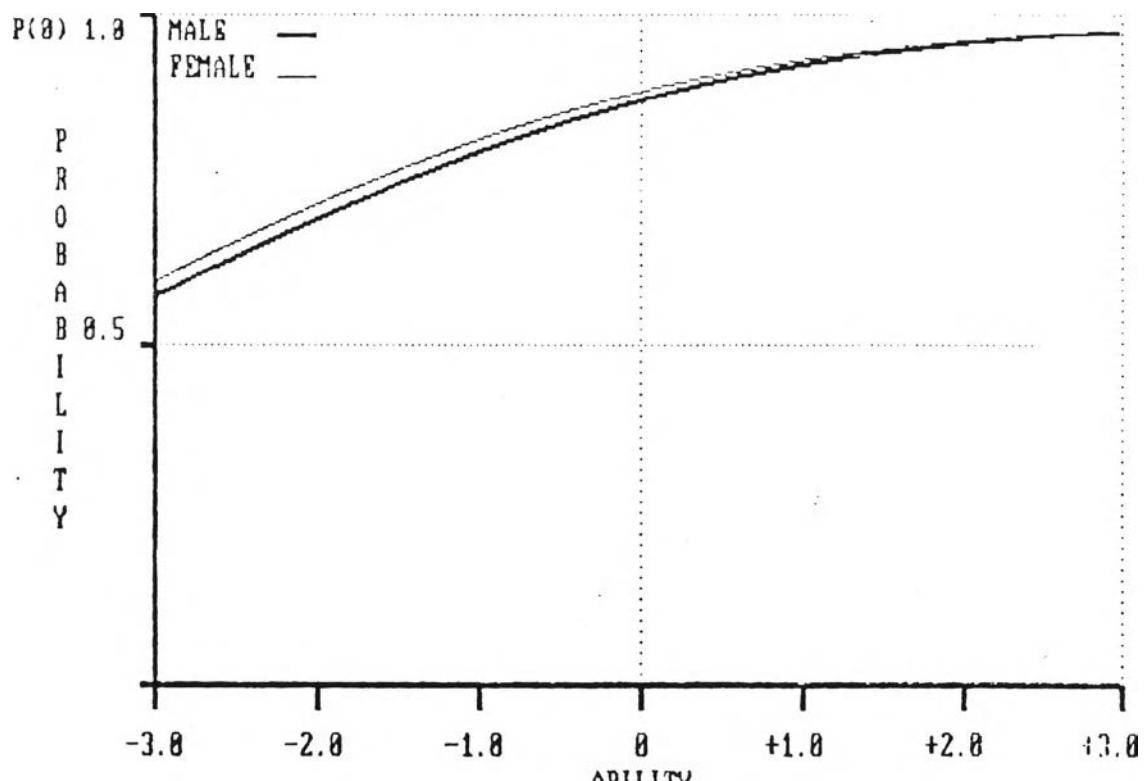


FIGURE 37 PLOT ITEM CHARACTERISTIC CURVE (n=61)

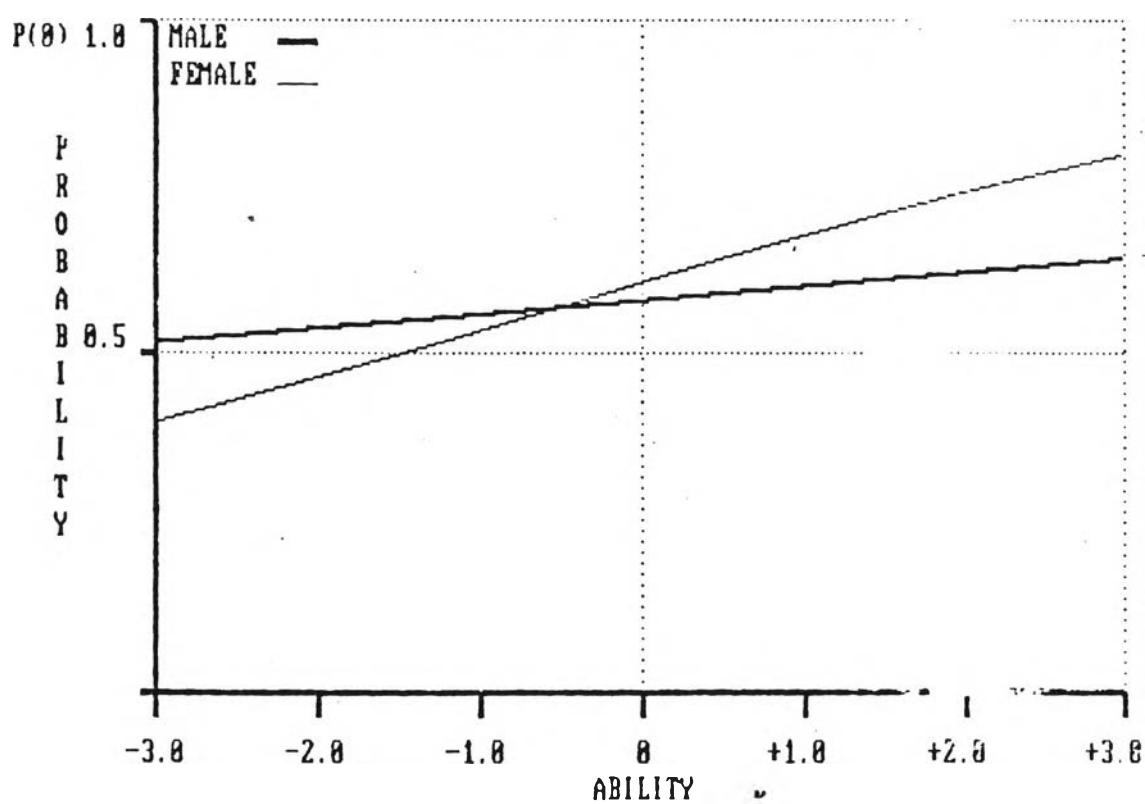


FIGURE 38 PLOT ITEM CHARACTERISTIC CURVE (n=63)

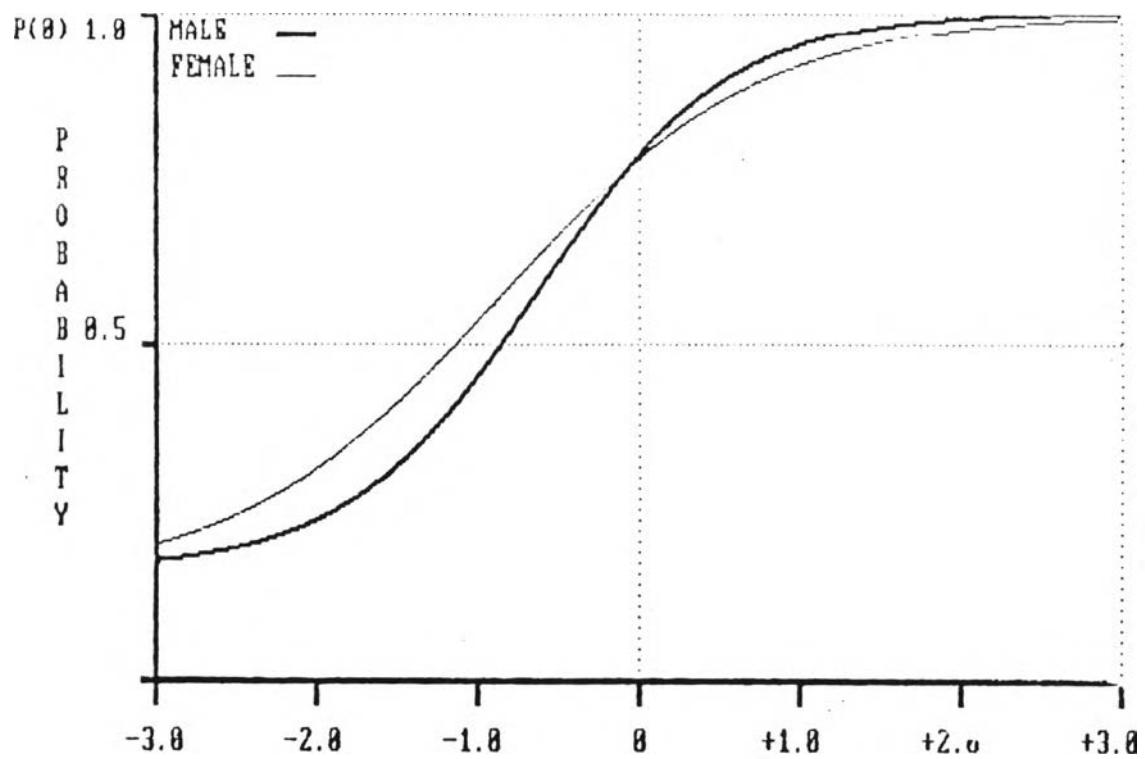


FIGURE 39 PLOT ITEM CHARACTERISTIC CURVE (n=64)

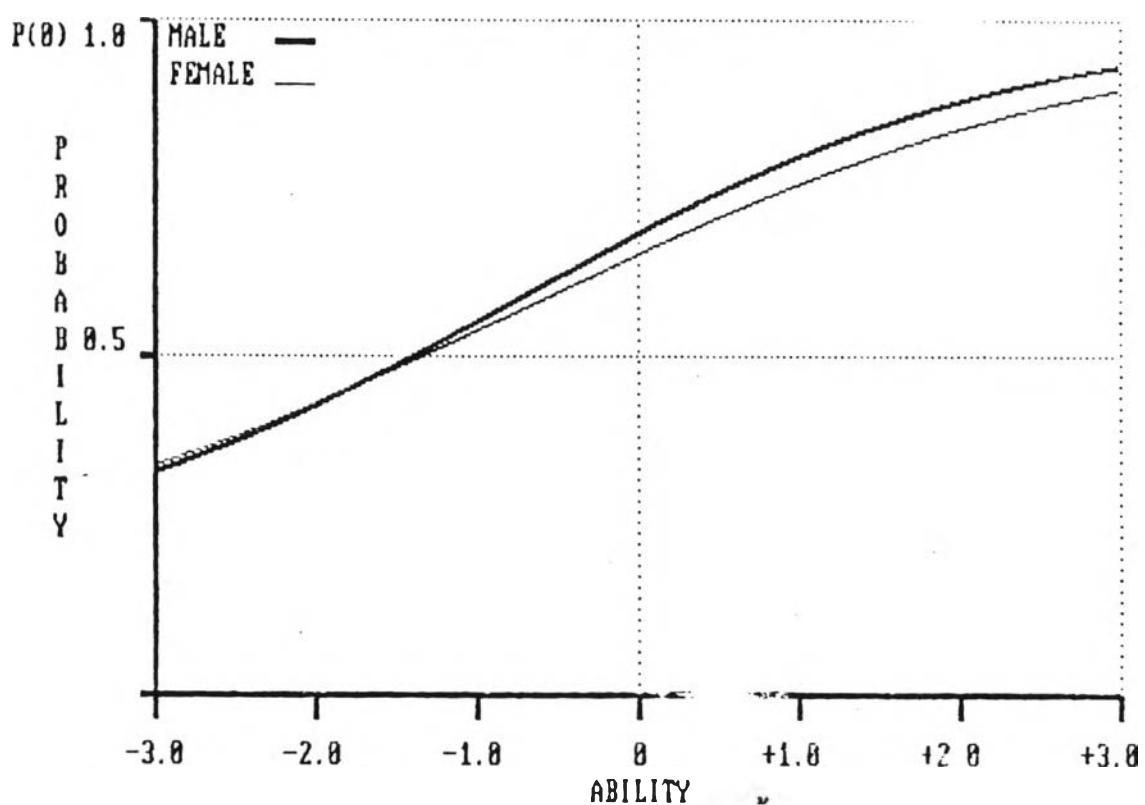


FIGURE 40 PLOT ITEM CHARACTERISTIC CURVE (n=65)

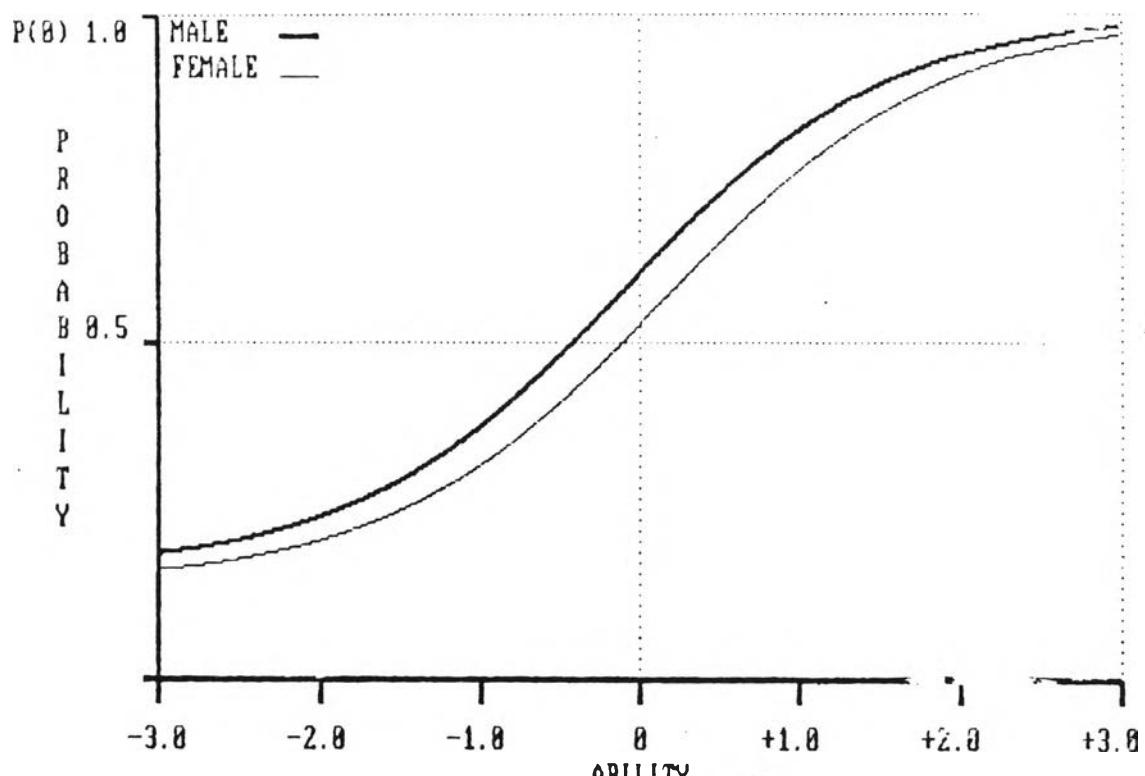


FIGURE 41 PLOT ITEM CHARACTERISTIC CURVE (n=66)

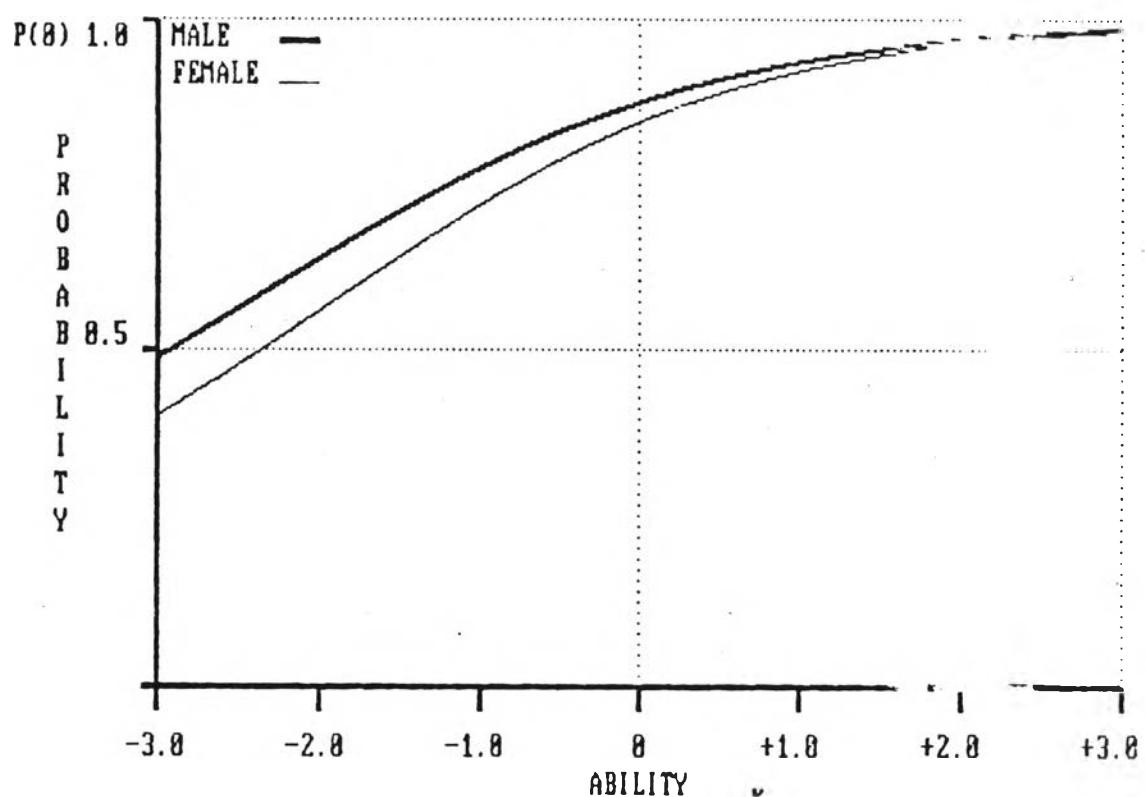


FIGURE 42 PLOT ITEM CHARACTERISTIC CURVE (n=67)

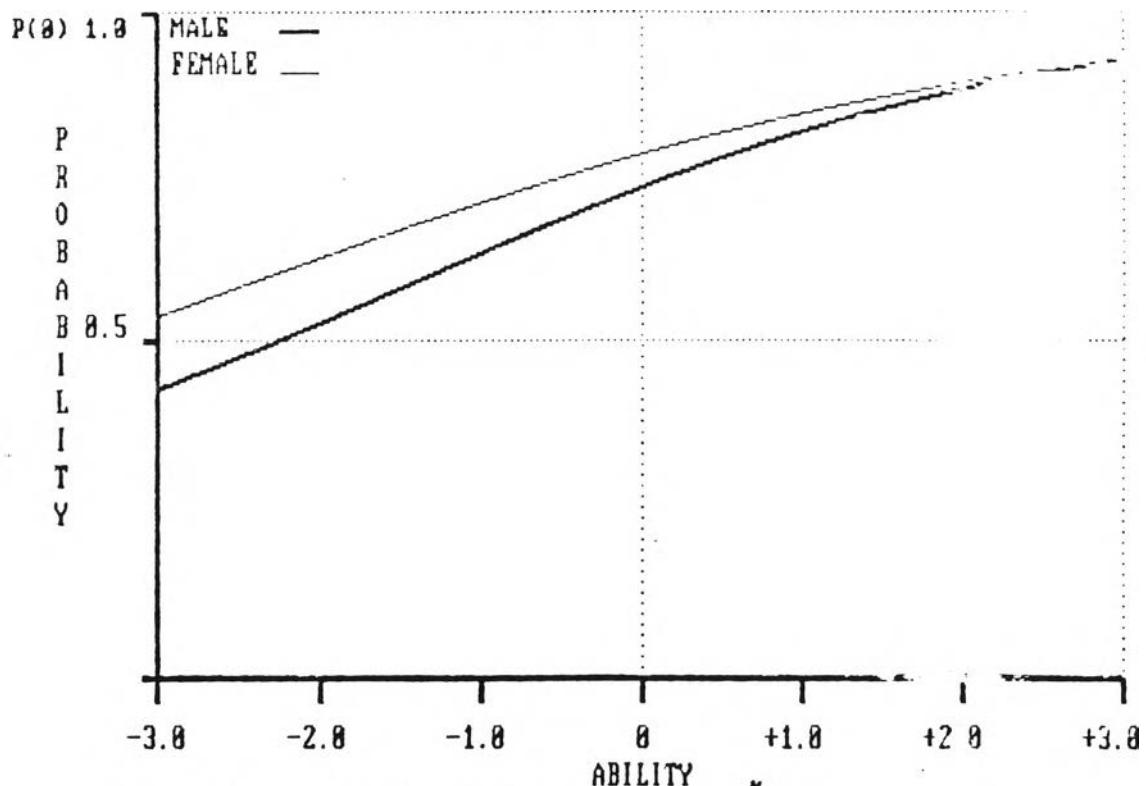


FIGURE 43 PLOT ITEM CHARACTERISTIC CURVE (n=68)

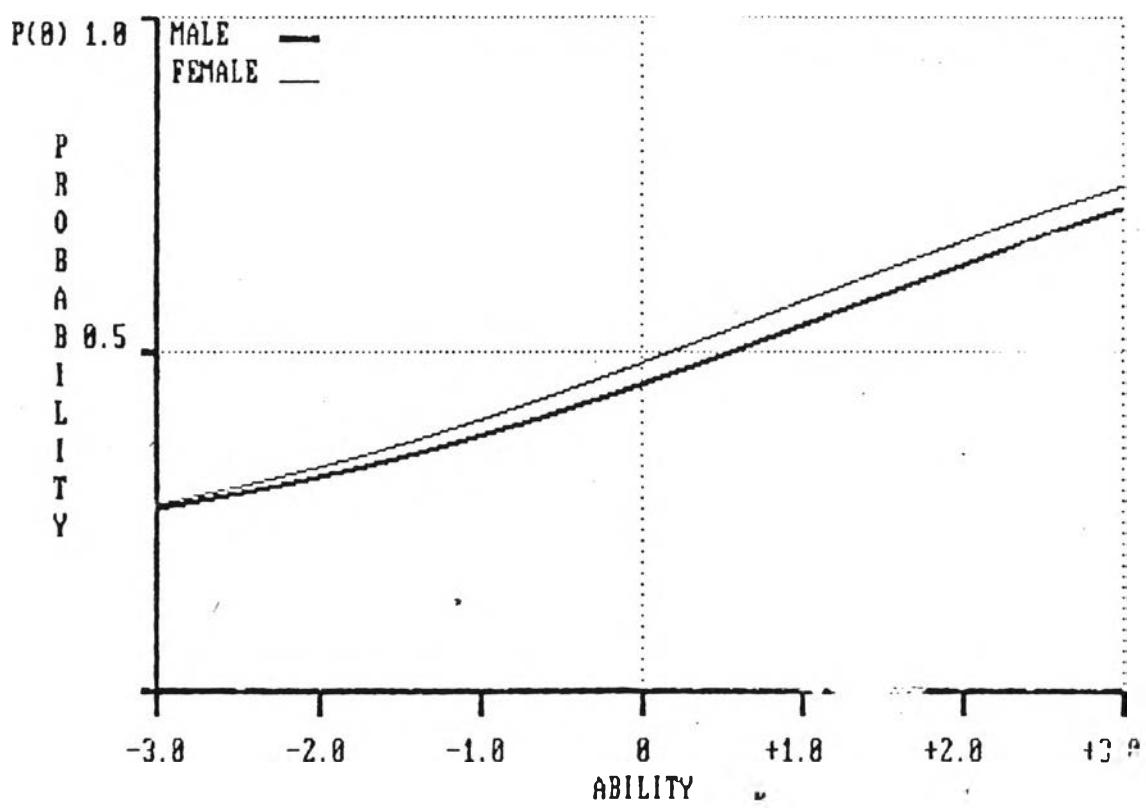


FIGURE 44 PLOT ITEM CHARACTERISTIC CURVE (n=69)

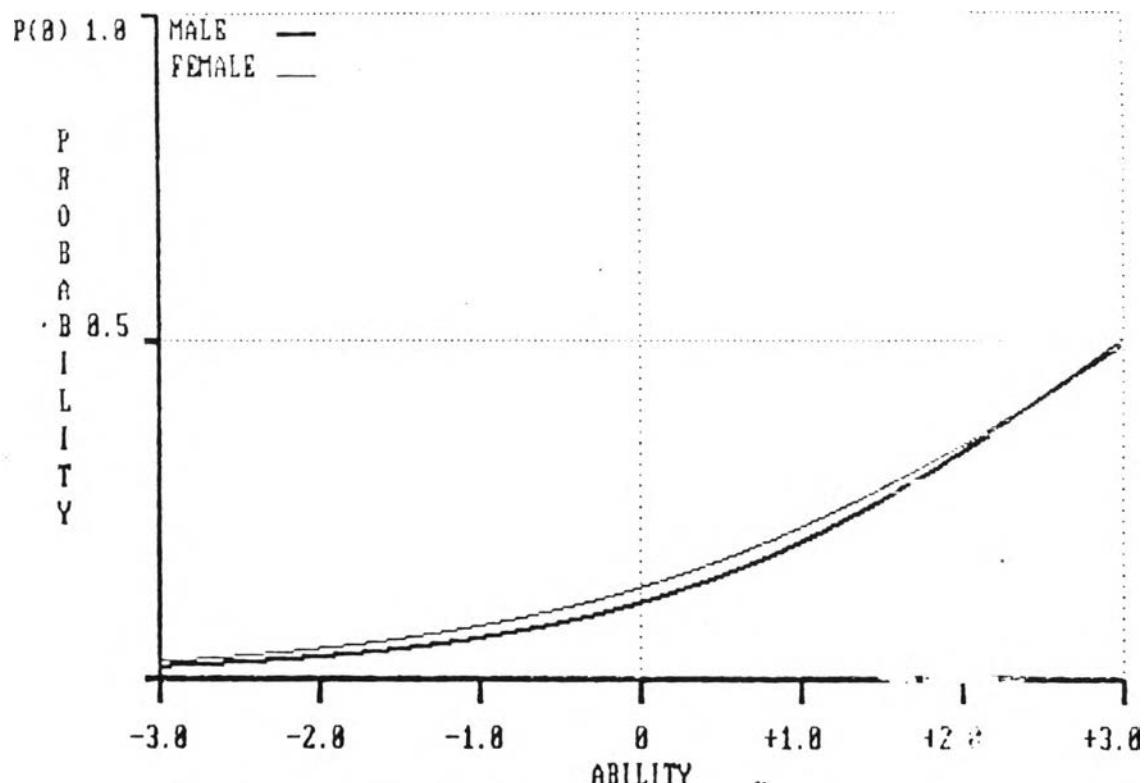


FIGURE 45 PLOT ITEM CHARACTERISTIC CURVE (Item 71)

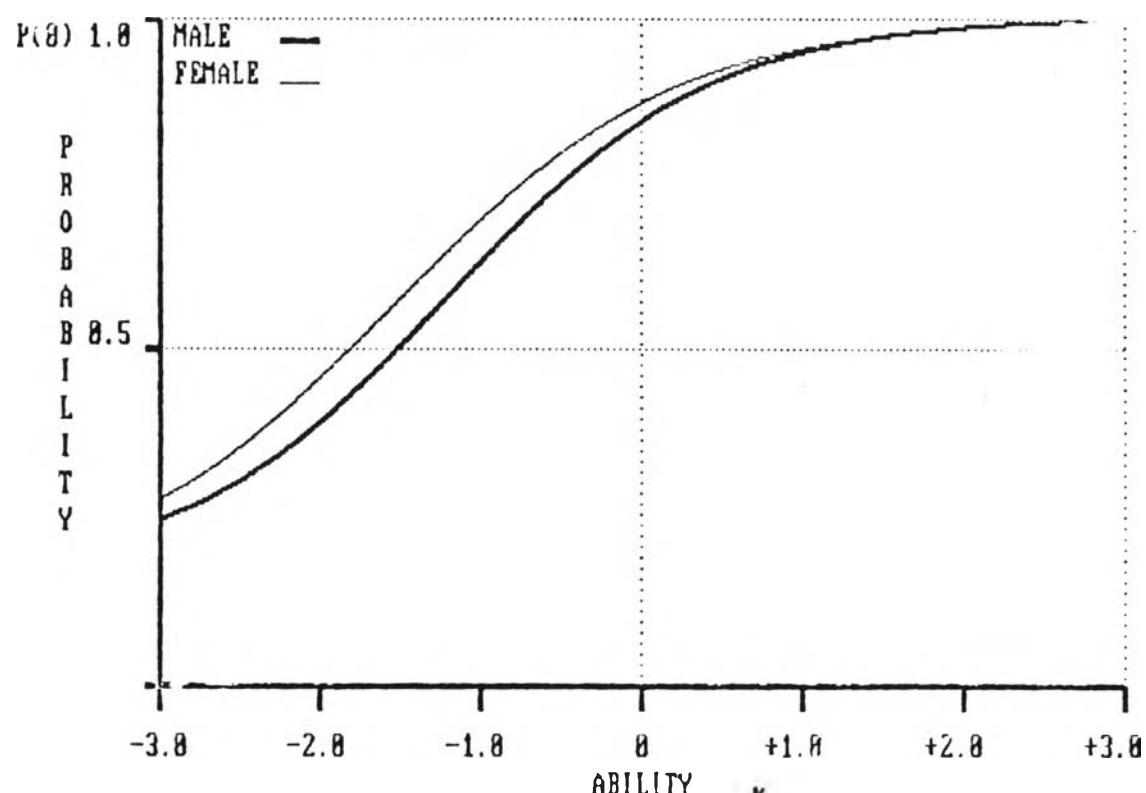


FIGURE 46 PLOT ITEM CHARACTERISTIC CURVE (Item 73)

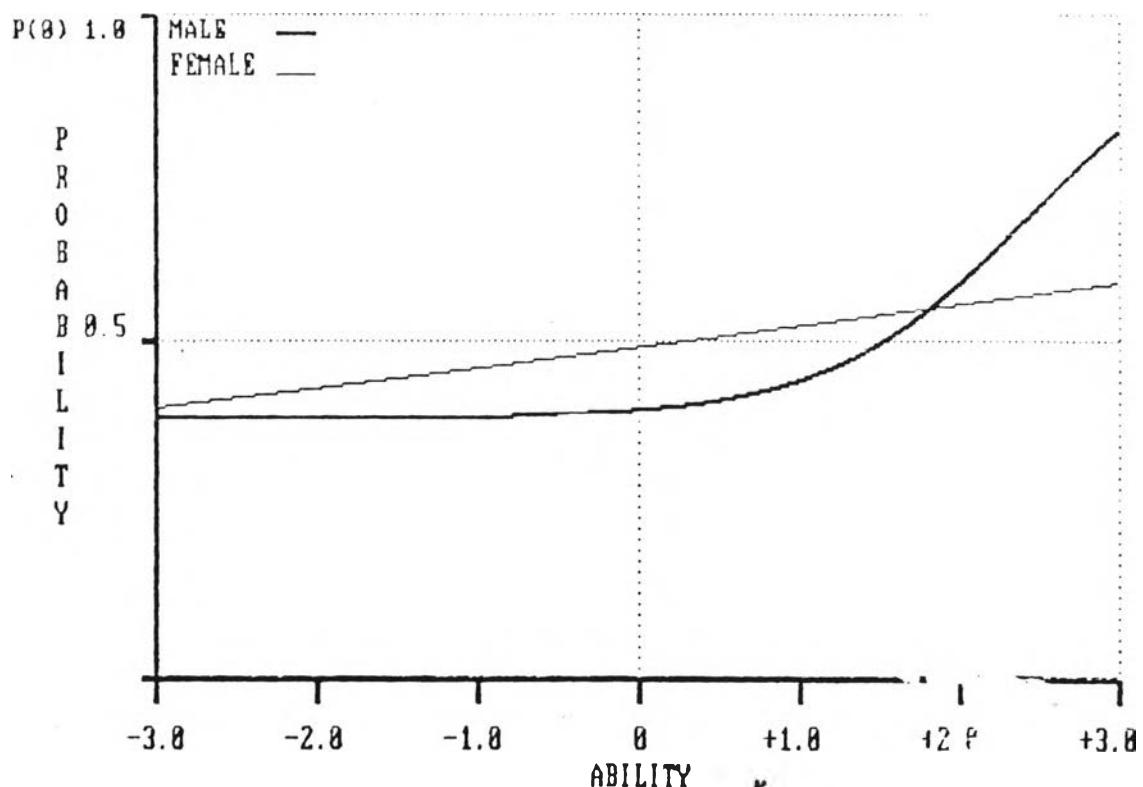


FIGURE 47 PLOT ITEM CHARACTERISTIC CURVE (n=74)

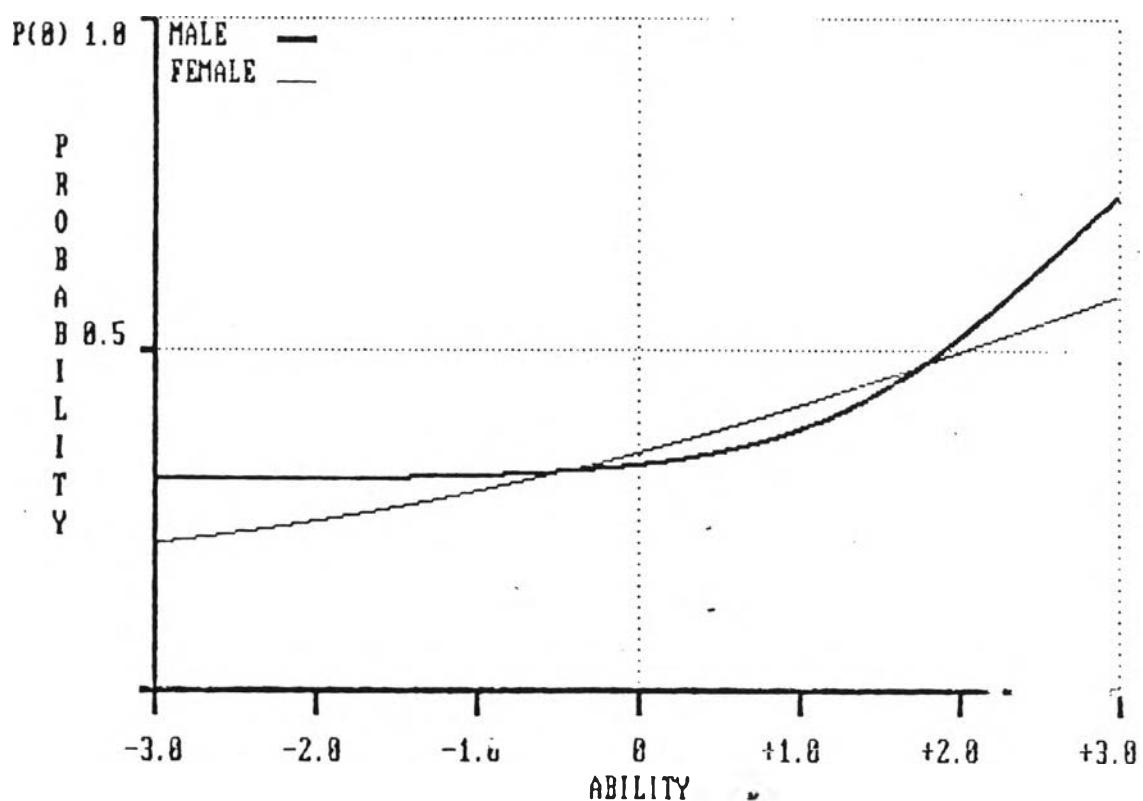


FIGURE 49 PLOT ITEM CHARACTERISTIC CURVE (n=76)

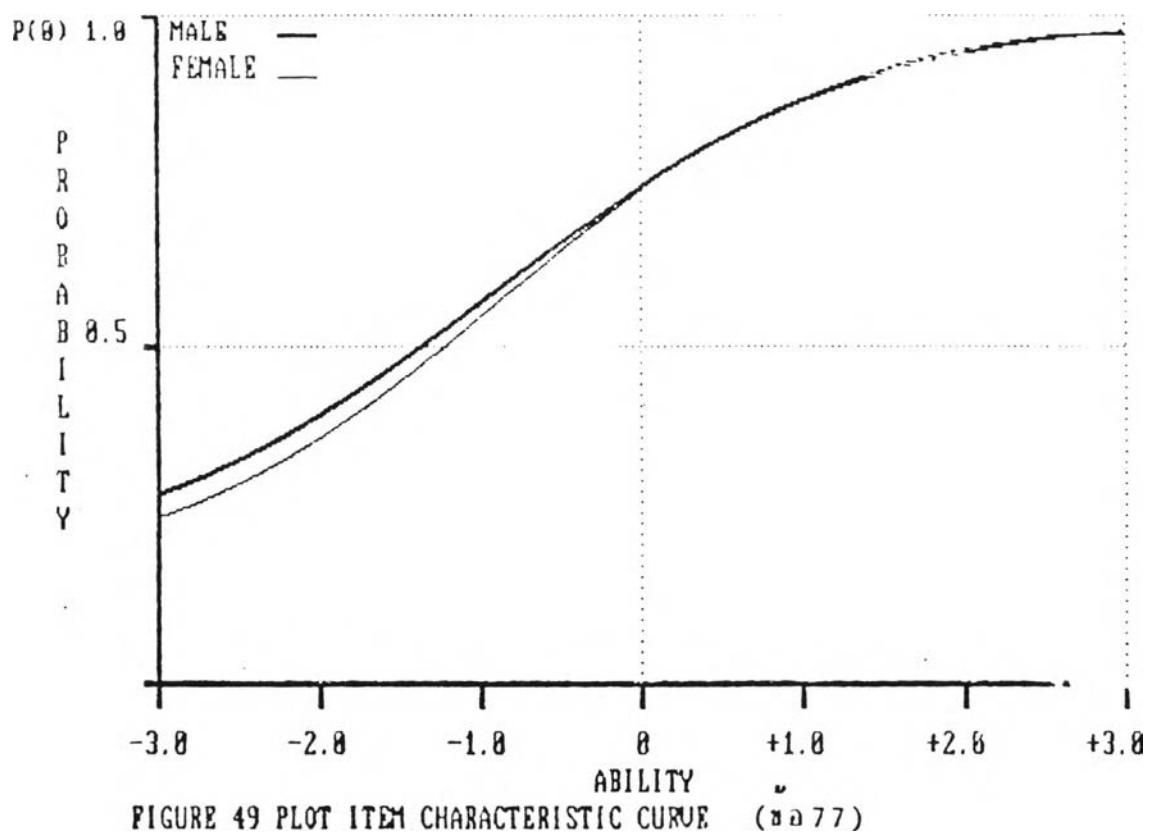


FIGURE 49 PLOT ITEM CHARACTERISTIC CURVE (males vs females)

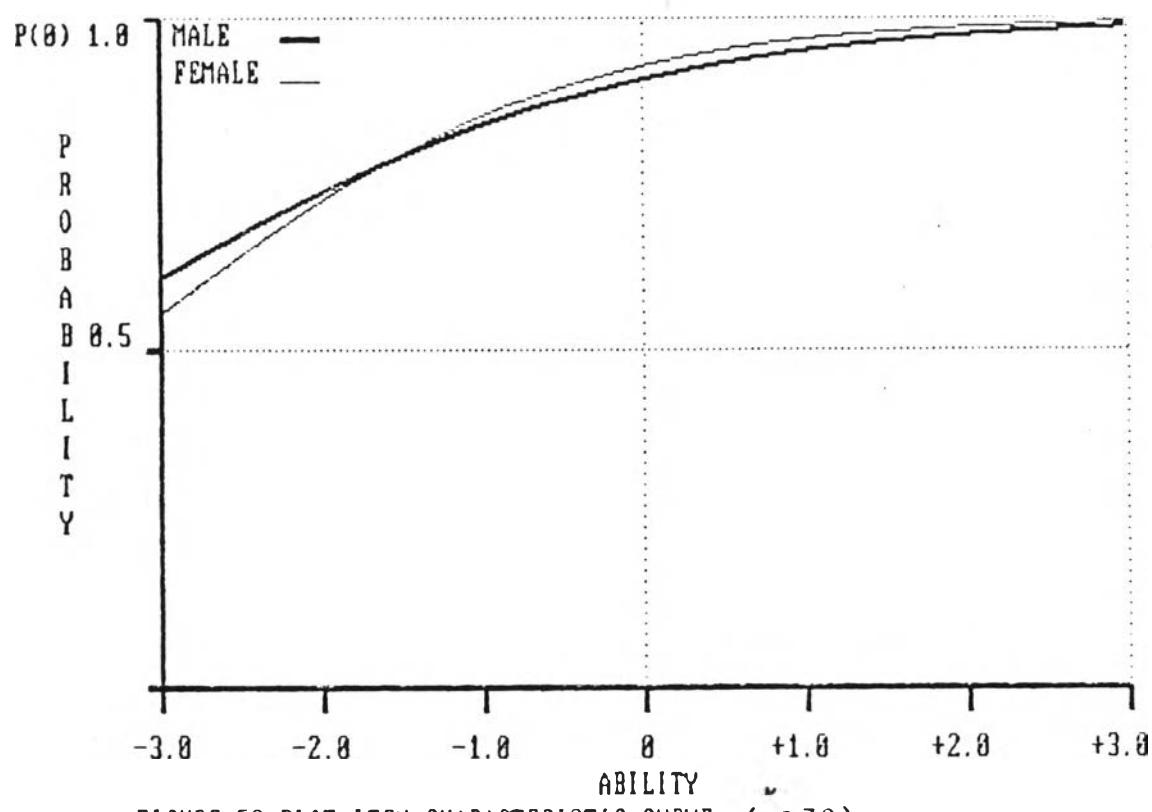


FIGURE 50 PLOT ITEM CHARACTERISTIC CURVE (males vs females)

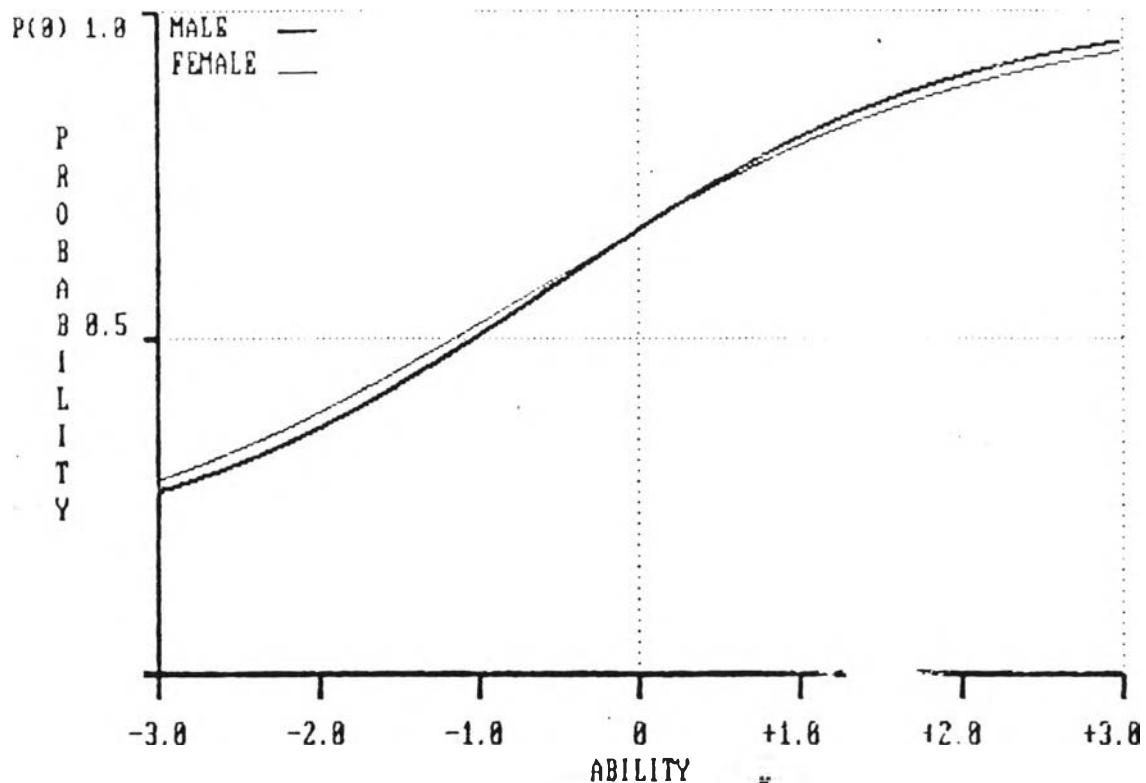


FIGURE 51 PLOT ITEM CHARACTERISTIC CURVE (s279)

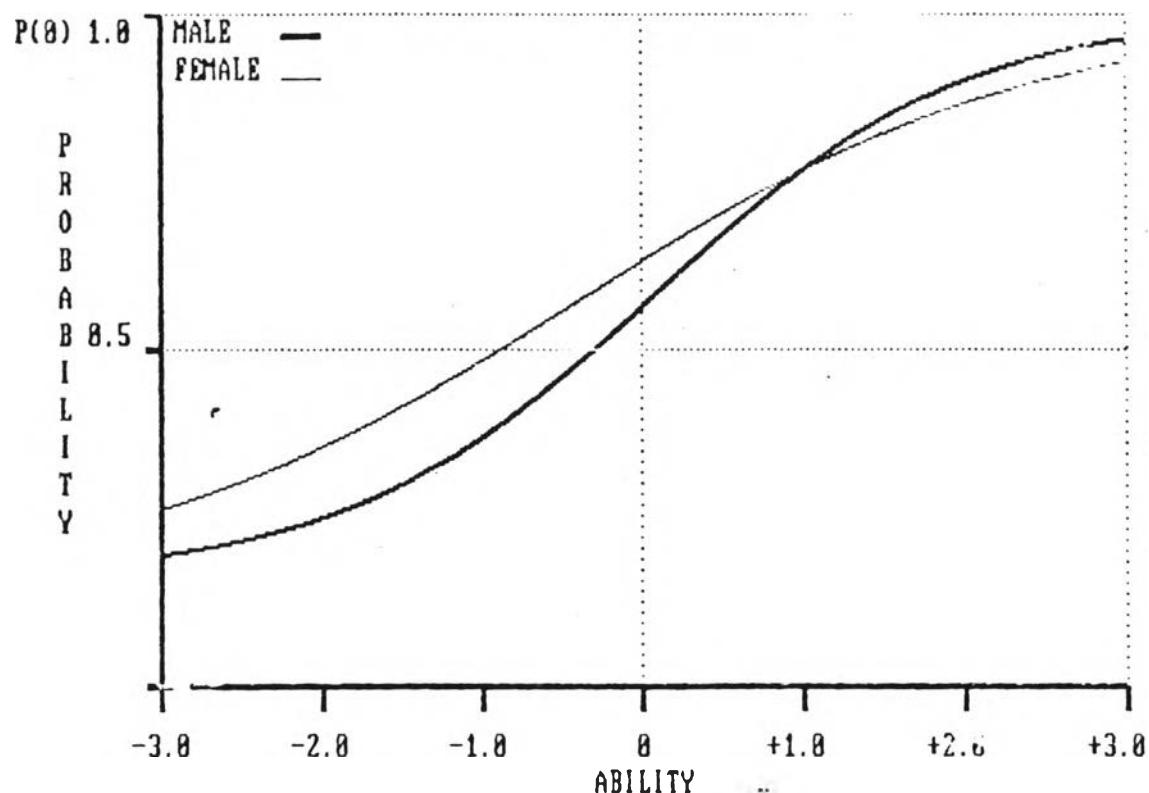


FIGURE 52 PLOT ITEM CHARACTERISTIC CURVE (s280)

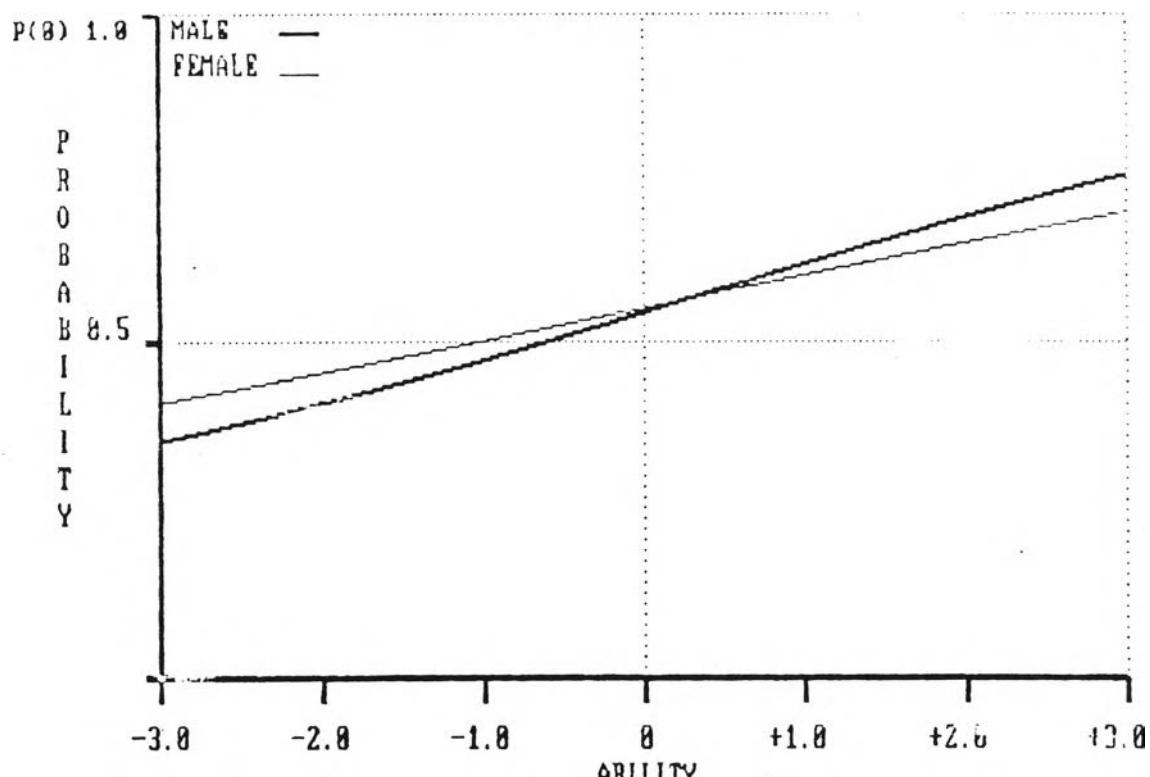


FIGURE 53 PLOT ITEM CHARACTERISTIC CURVE (1982)

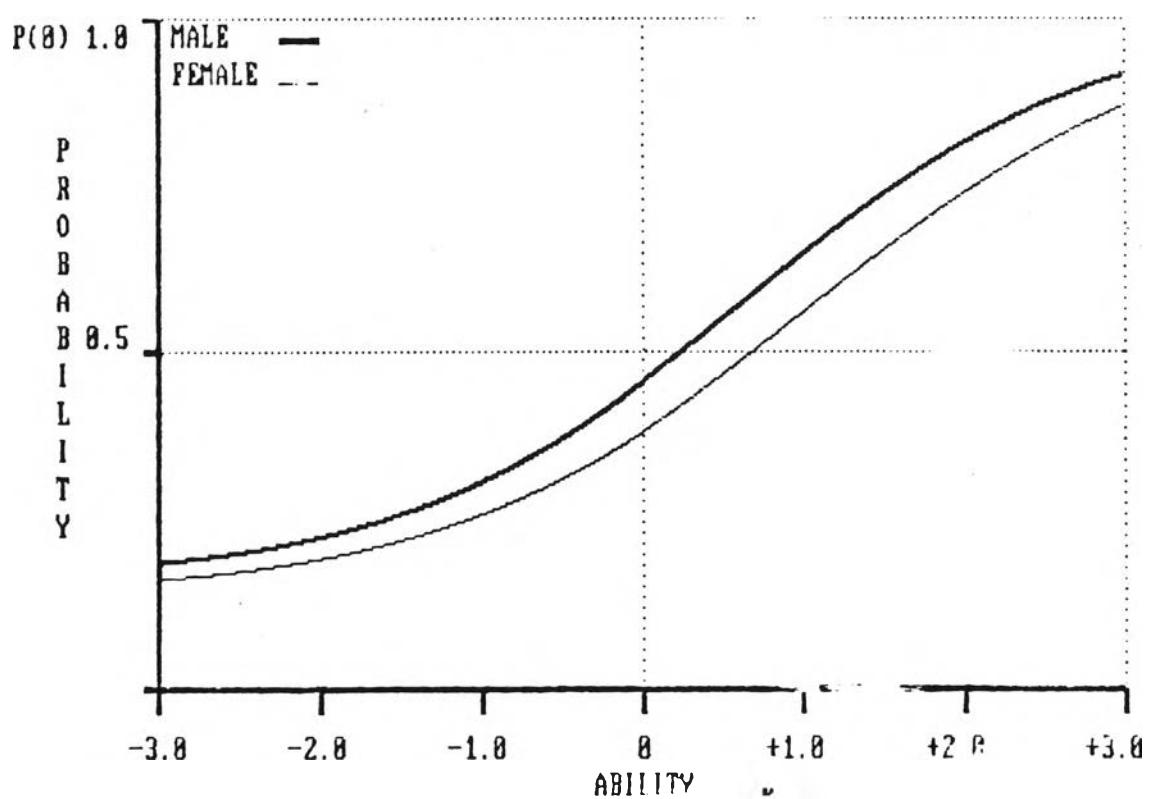


FIGURE 54 PLOT ITEM CHARACTERISTIC CURVE (1984)

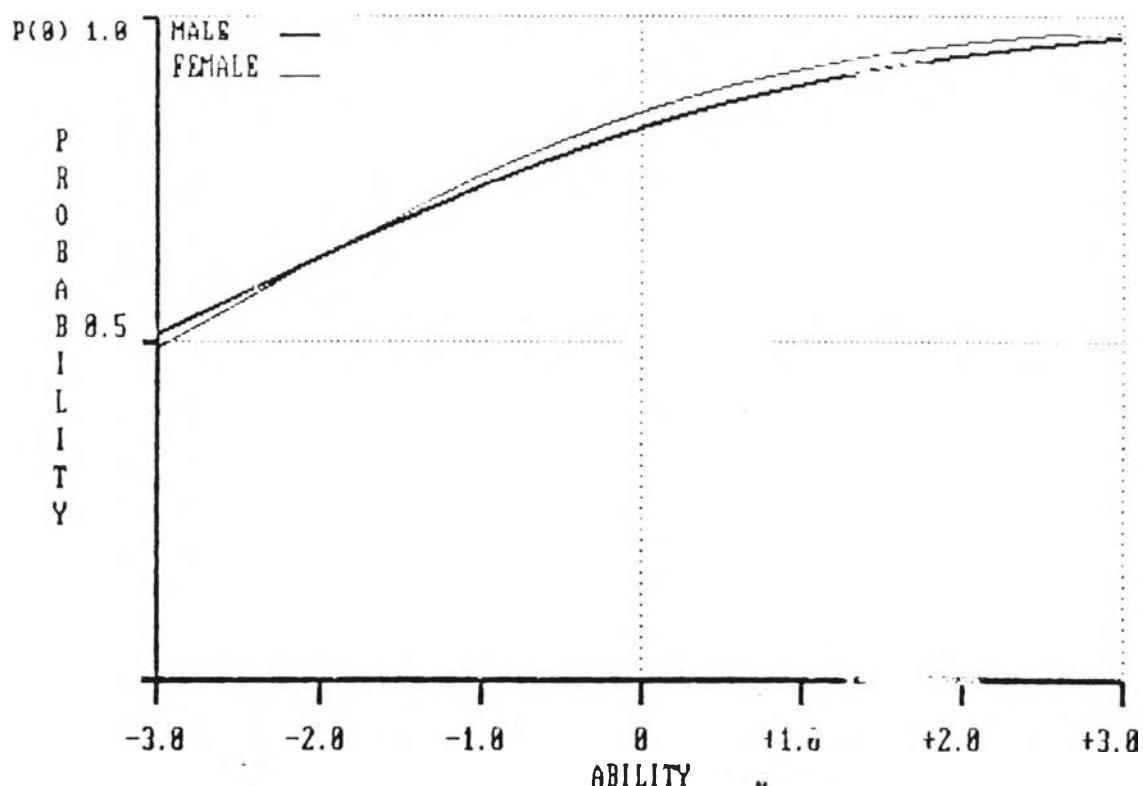


FIGURE 55 PLOT ITEM CHARACTERISTIC CURVE (n=86)

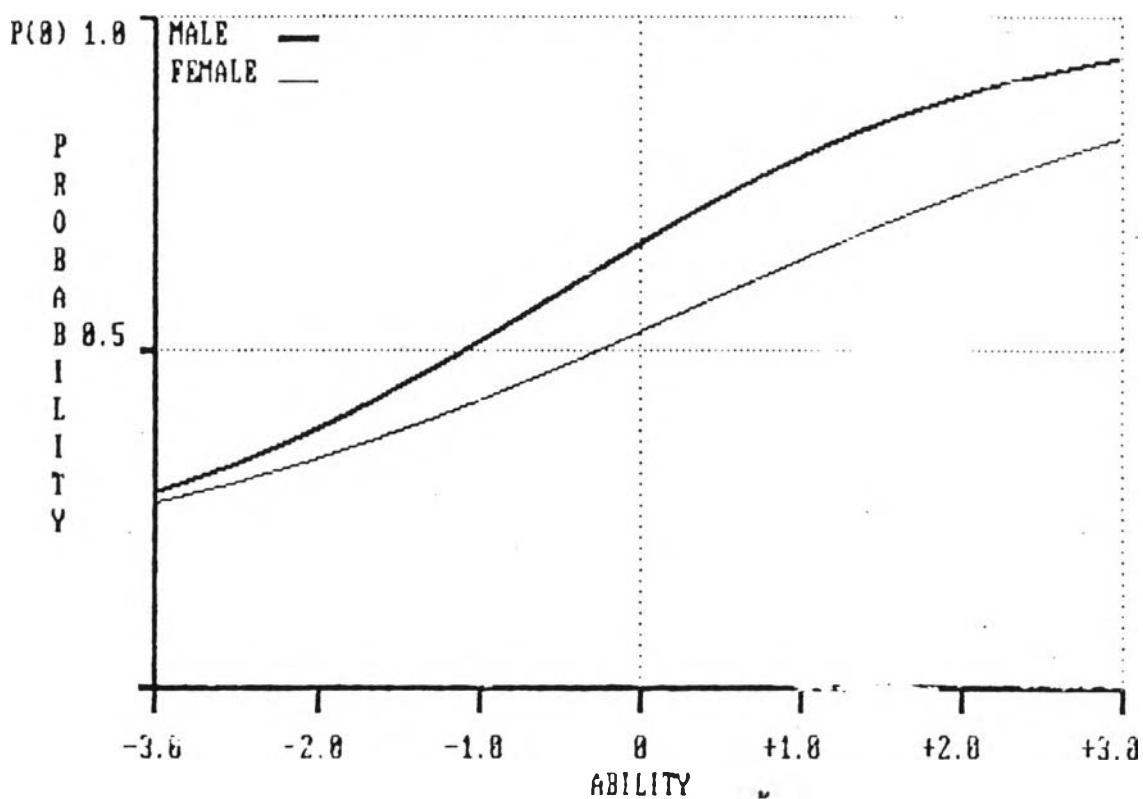


FIGURE 56 PLOT ITEM CHARACTERISTIC CURVE (n=88)

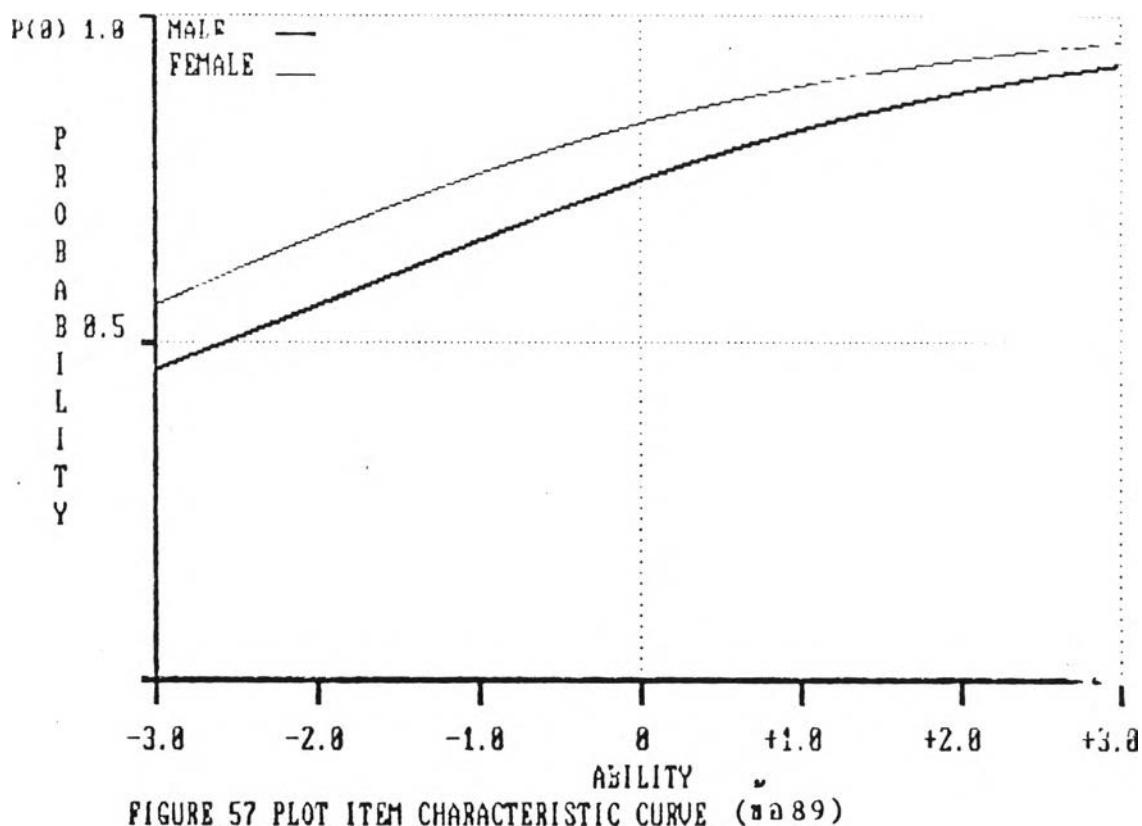


FIGURE 57 PLOT ITEM CHARACTERISTIC CURVE (n=89)

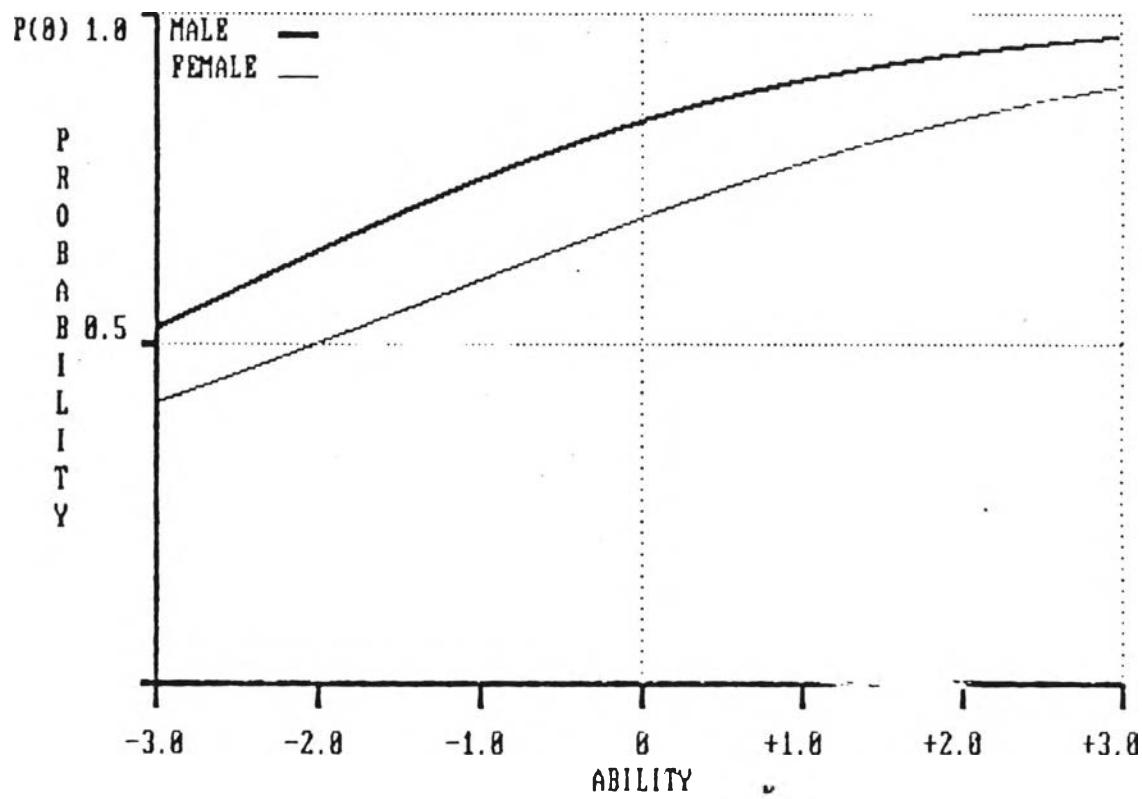


FIGURE 58 PLOT ITEM CHARACTERISTIC CURVE (n=90)

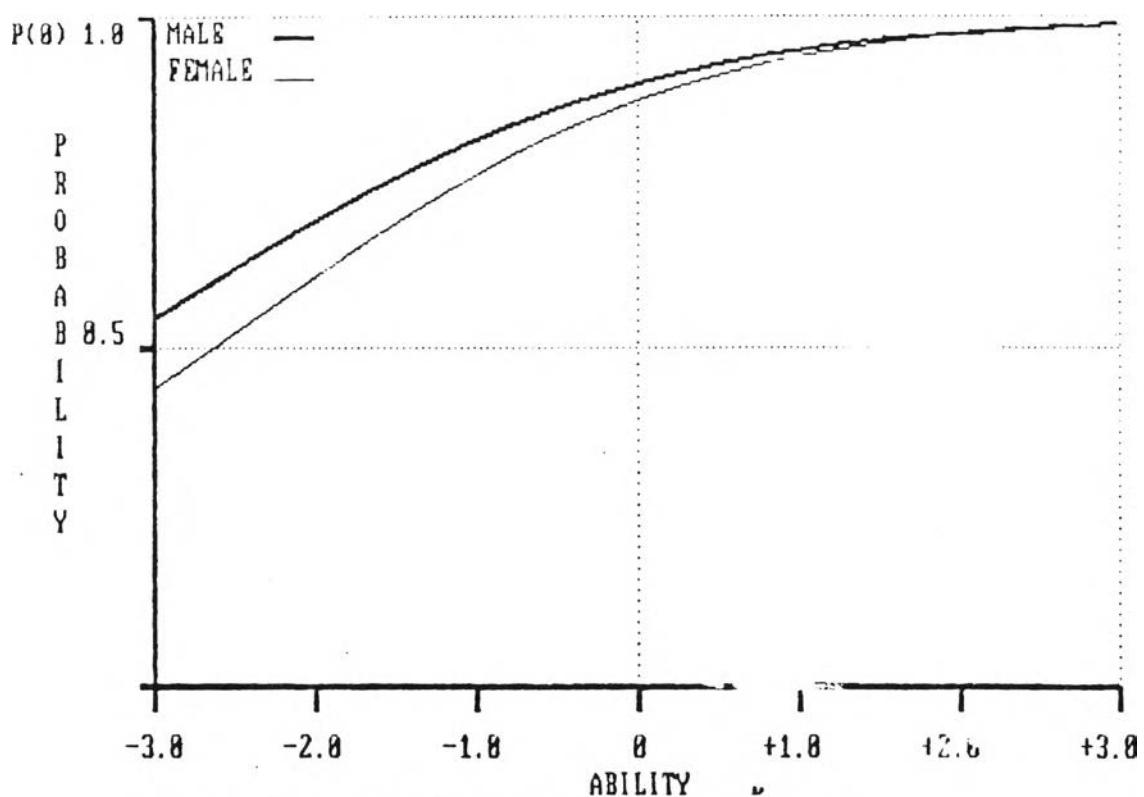


FIGURE 59 PLOT ITEM CHARACTERISTIC CURVE (s091)

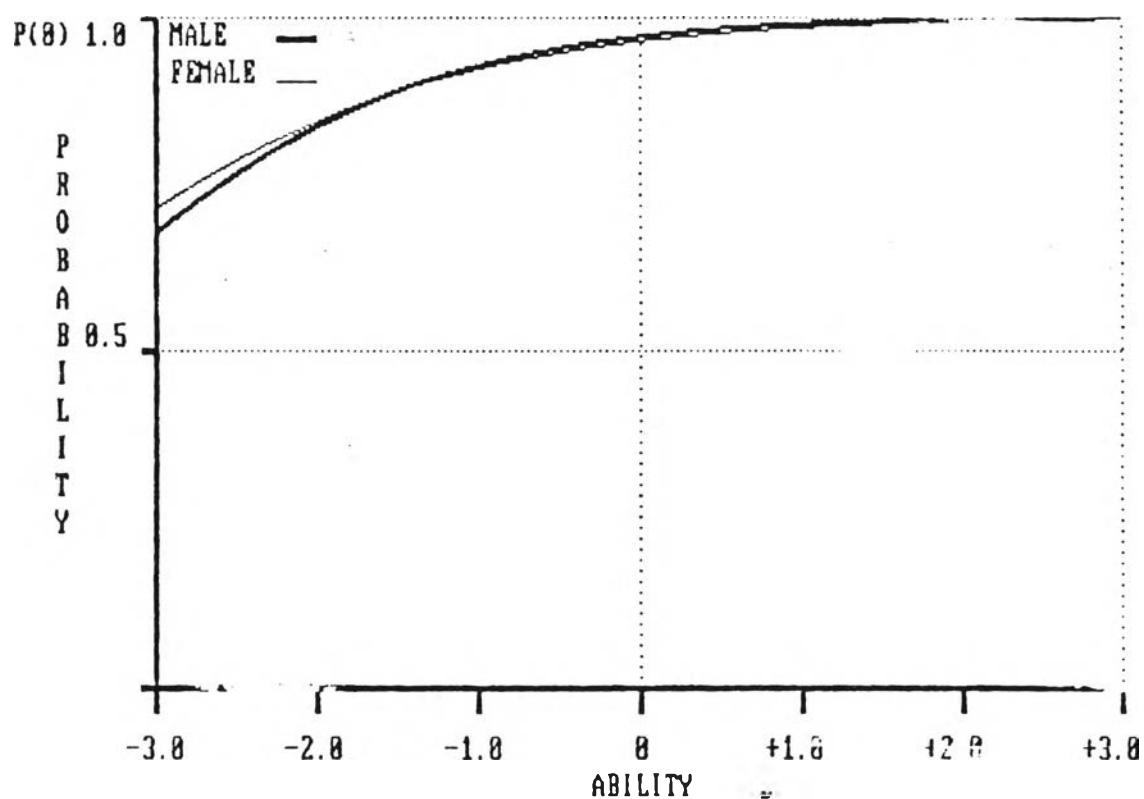


FIGURE 60 PLOT ITEM CHARACTERISTIC CURVE (s092)

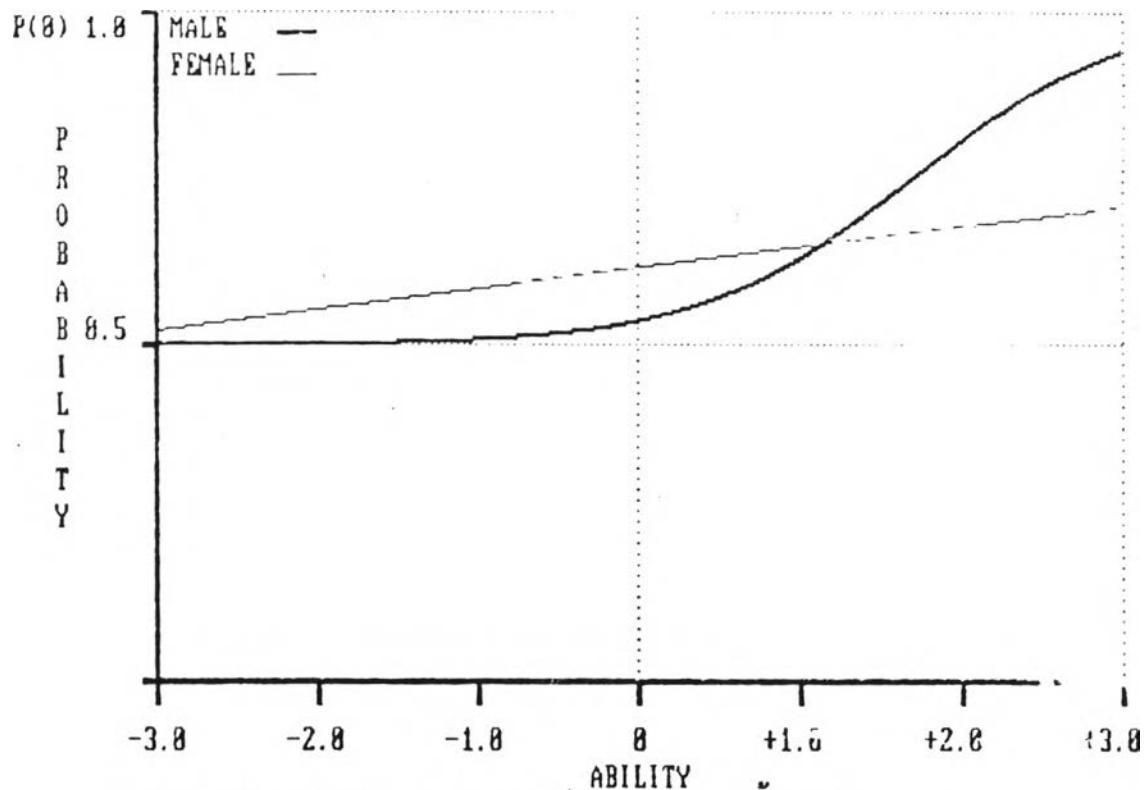


FIGURE 61 PLOT ITEM CHARACTERISTIC CURVE (n=95)

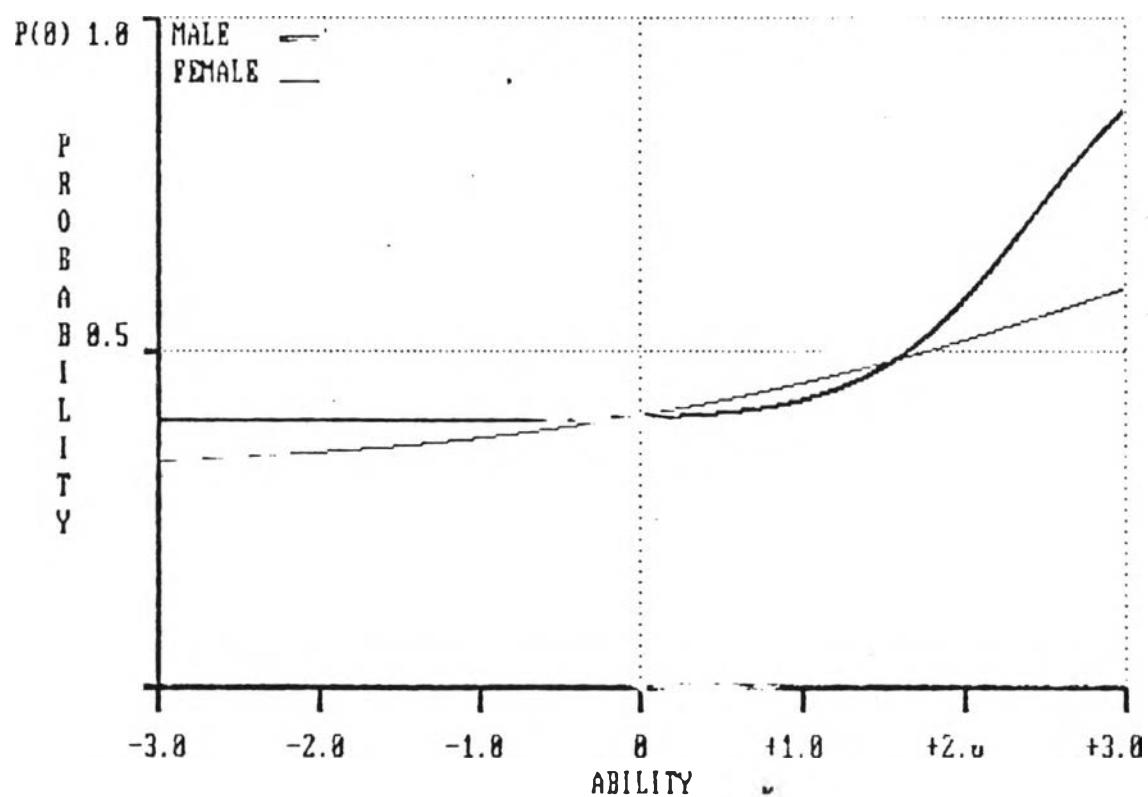


FIGURE 62 PLOT ITEM CHARACTERISTIC CURVE (n=97)

ໄດ້ລັກສະໝັກຮ່ວມຈາກແບບສອນເນັ້ນທີ 2

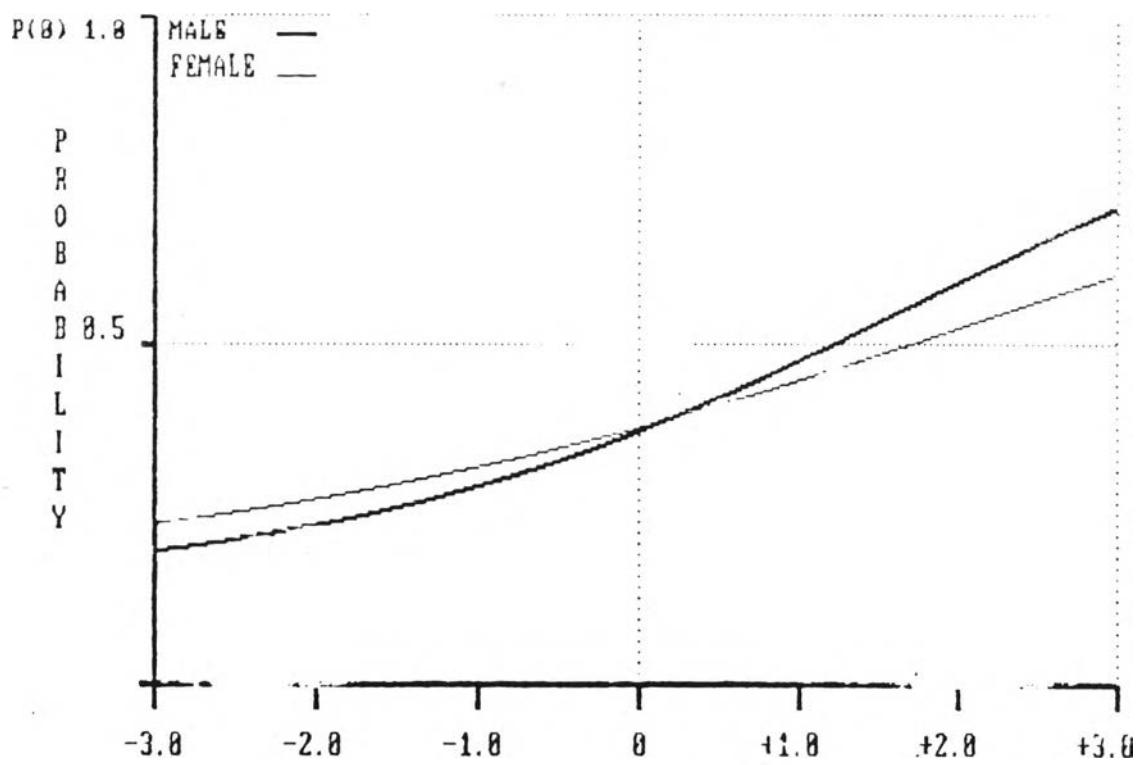


FIGURE 63 PLOT ITEM CHARACTERISTIC CURVE (a21)

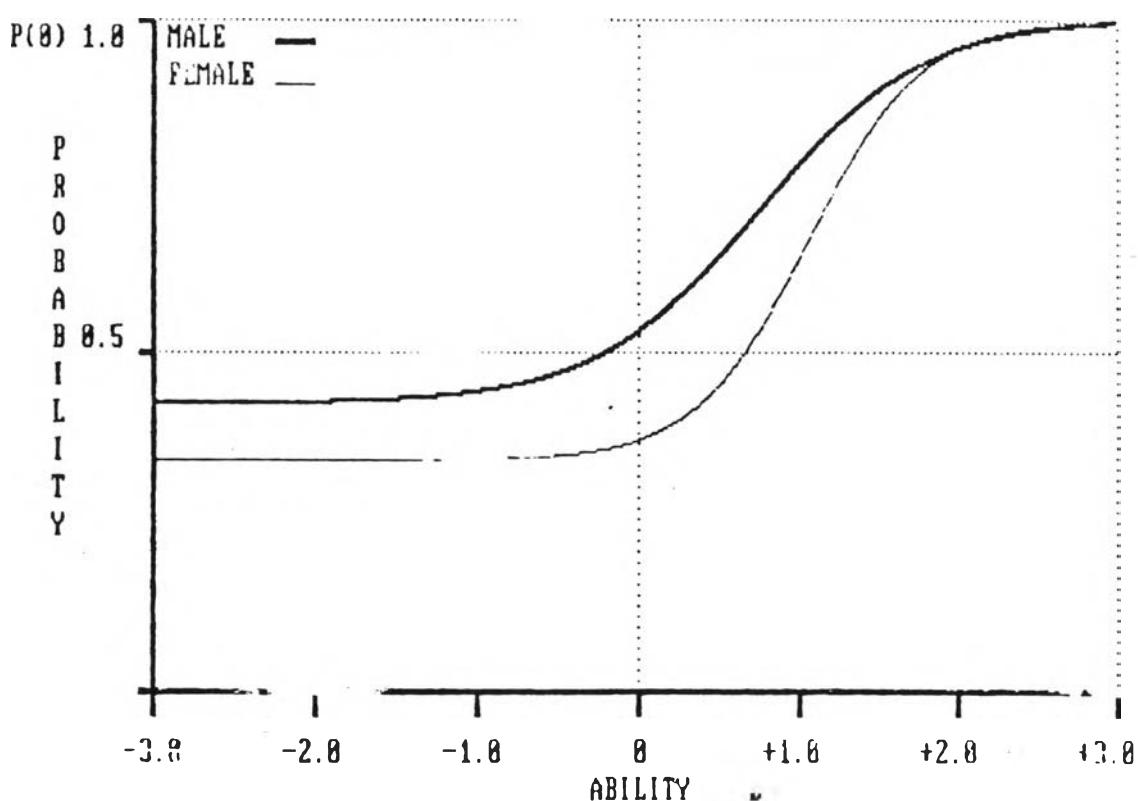


FIGURE 64 PLOT ITEM CHARACTERISTIC CURVE (a22)

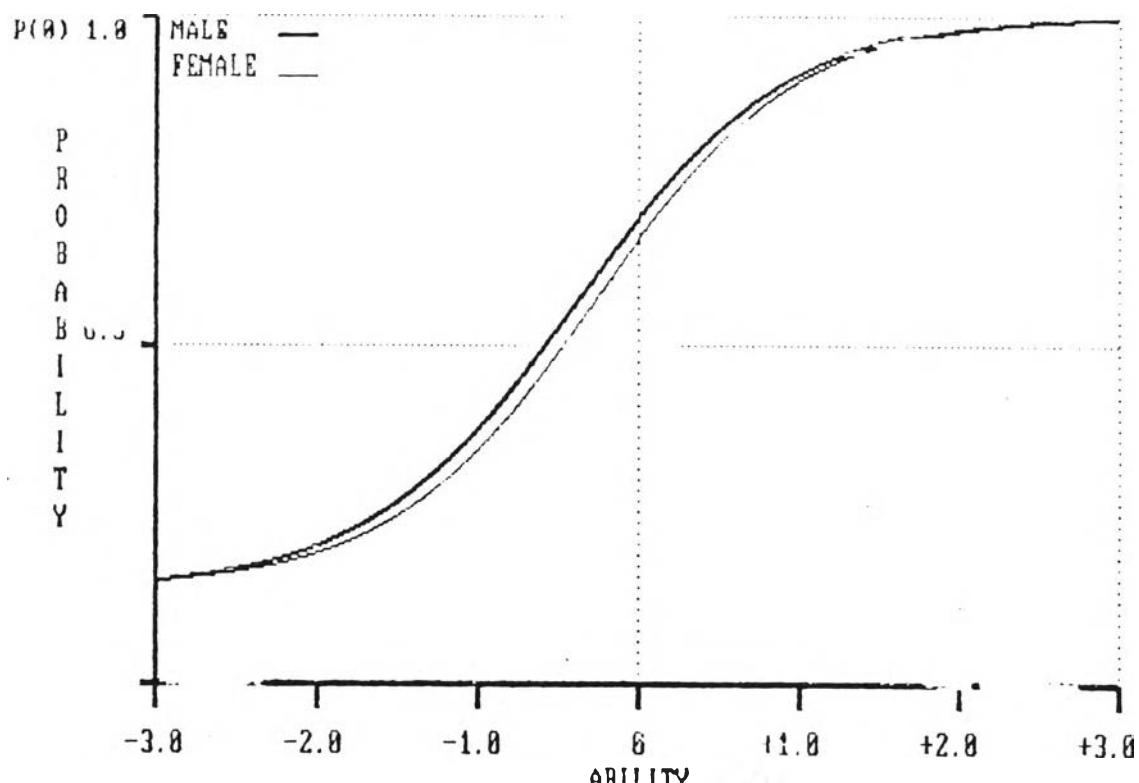


FIGURE 65 PLOT ITEM CHARACTERISTIC CURVE (item 3)

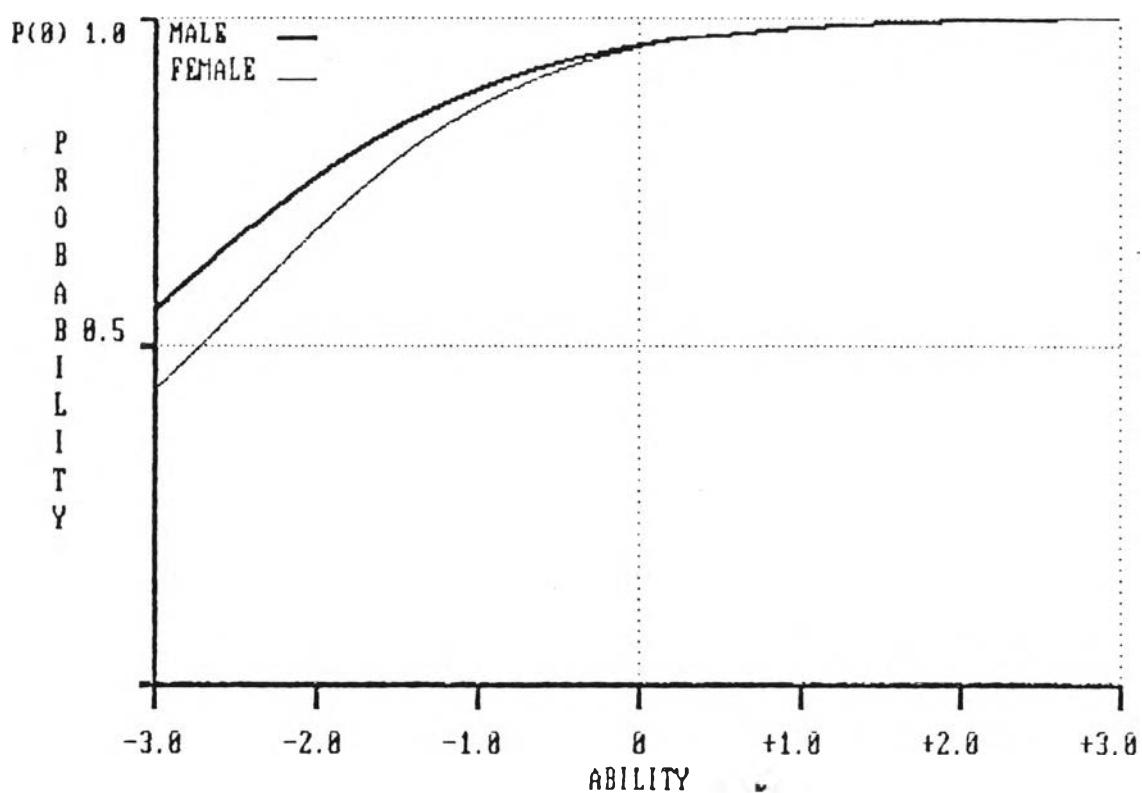


FIGURE 66 PLOT ITEM CHARACTERISTIC CURVE (item 4)

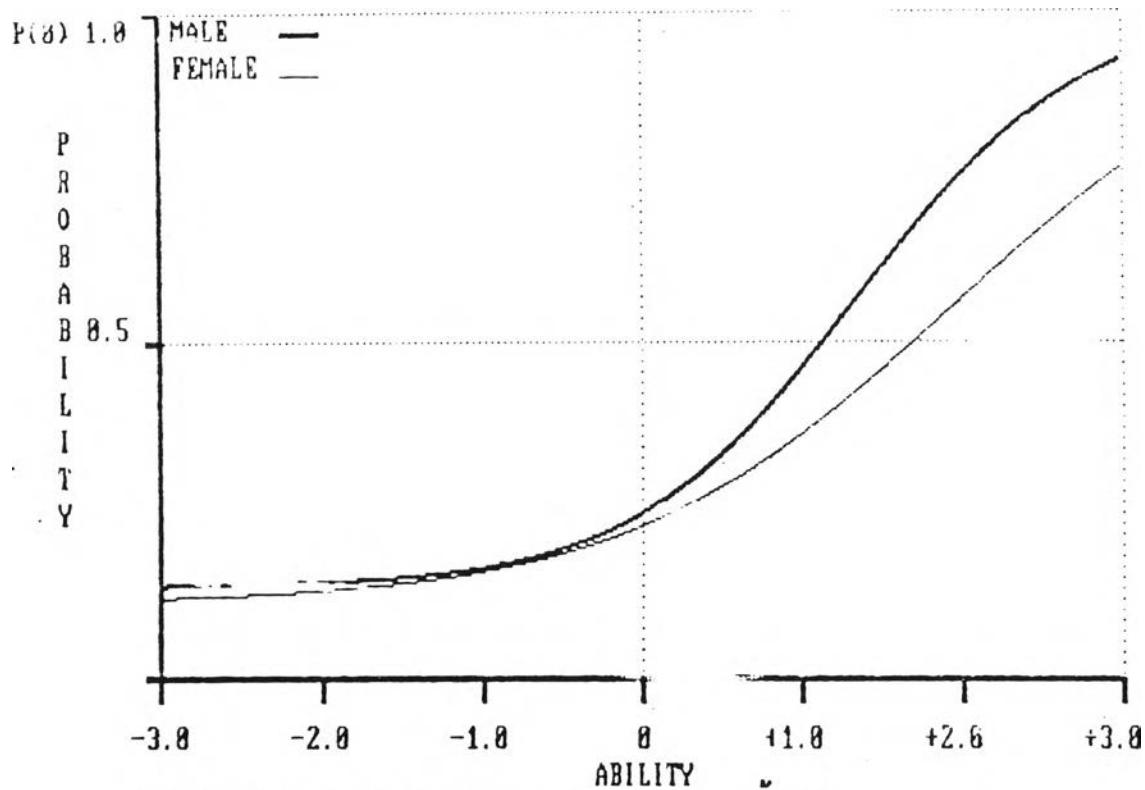


FIGURE 67 PLOT ITEM CHARACTERISTIC CURVE (n=5)

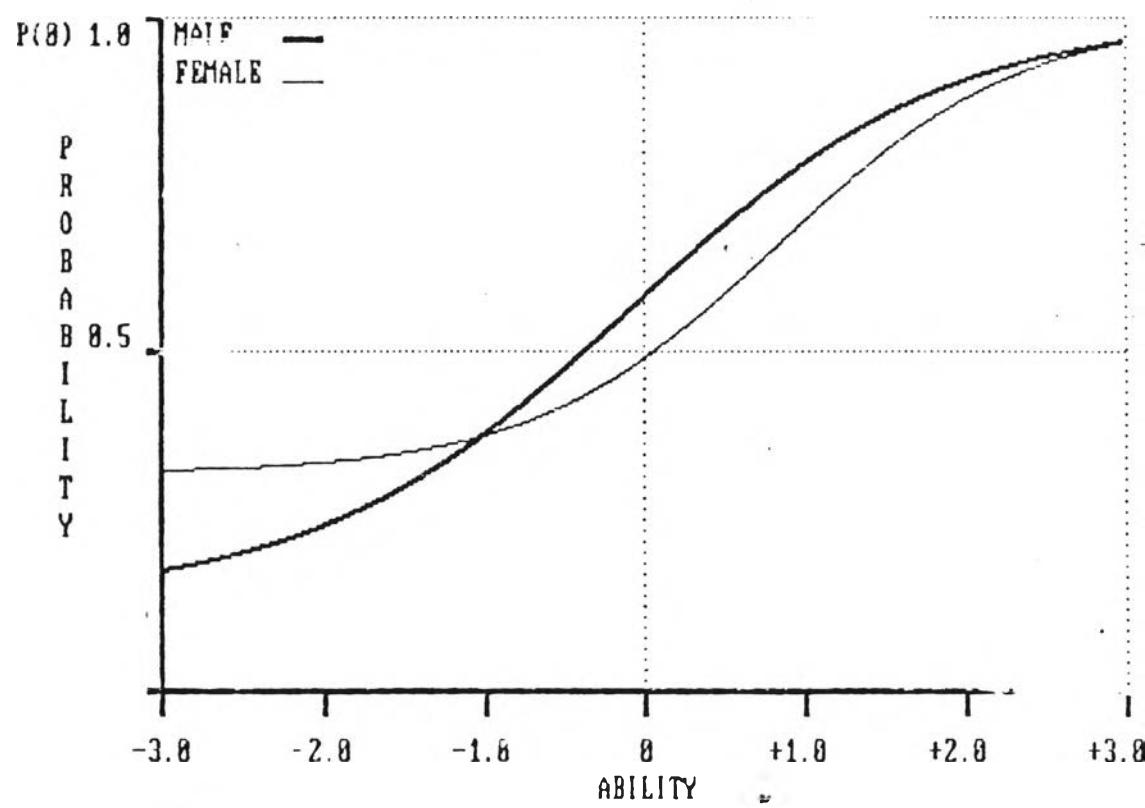


FIGURE 68 PLOT ITEM CHARACTERISTIC CURVE (n=6)

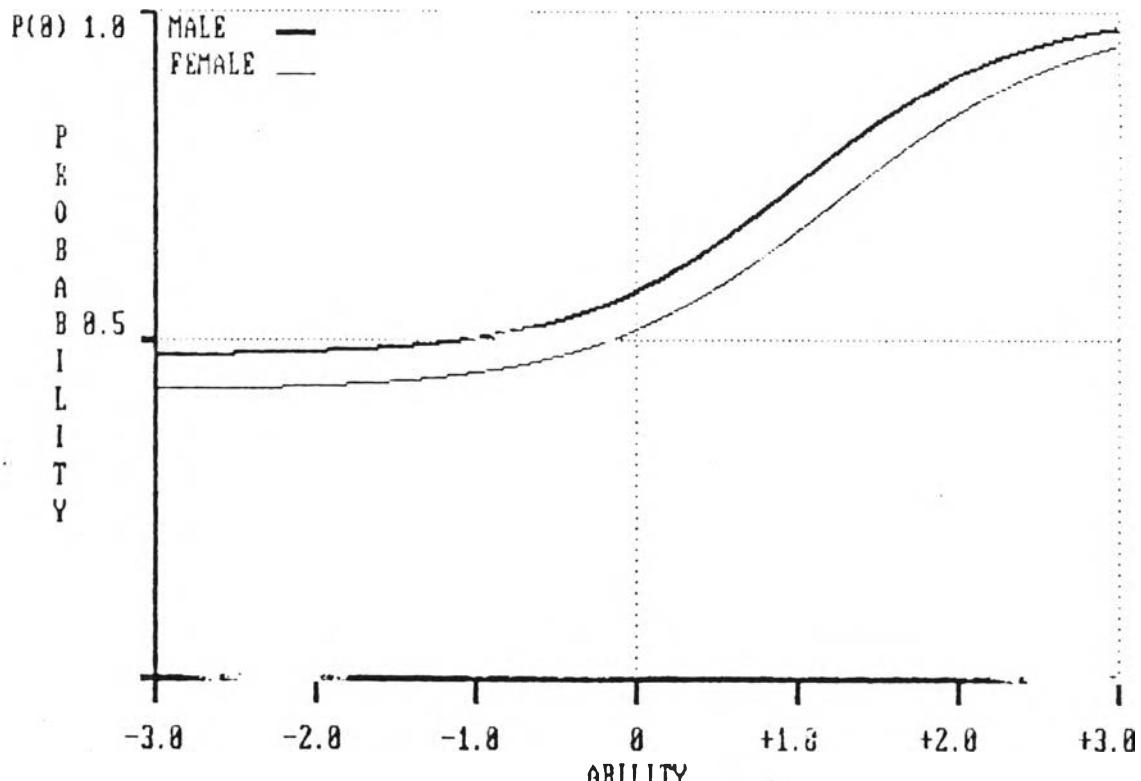


FIGURE 69 PLOT ITEM CHARACTERISTIC CURVE (n=7)

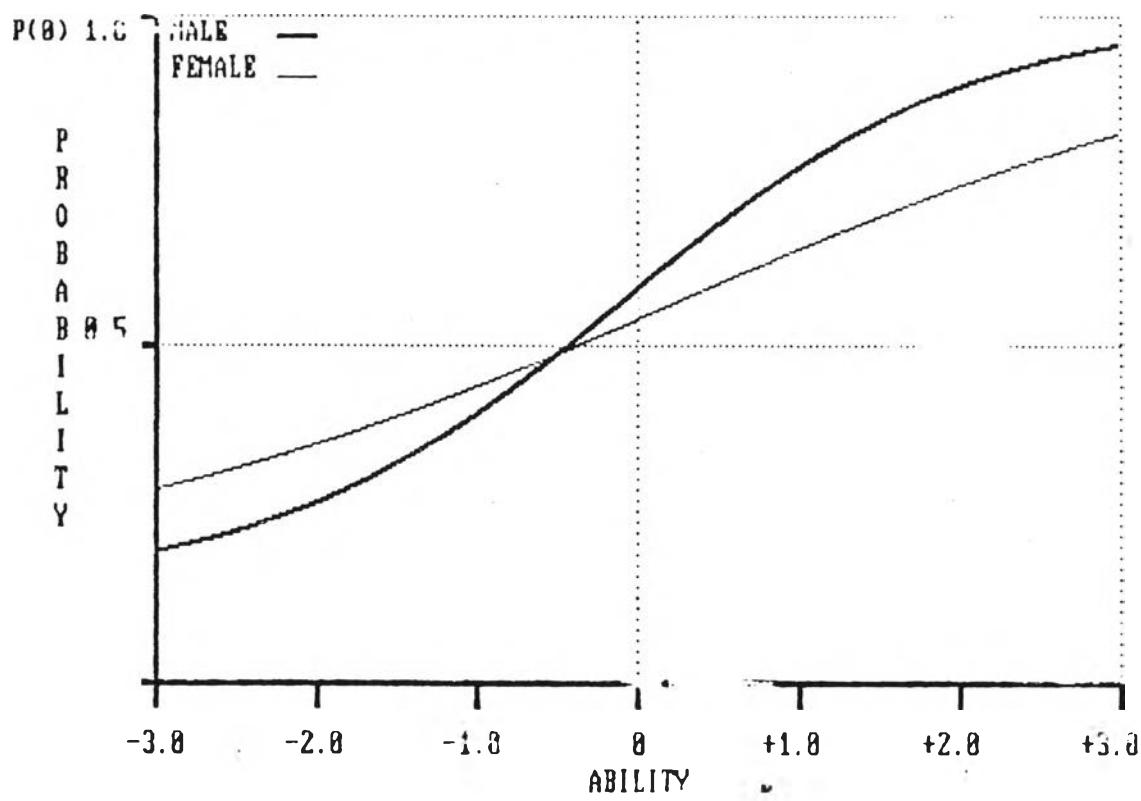


FIGURE 70 PLOT ITEM CHARACTERISTIC CURVE (n=8)

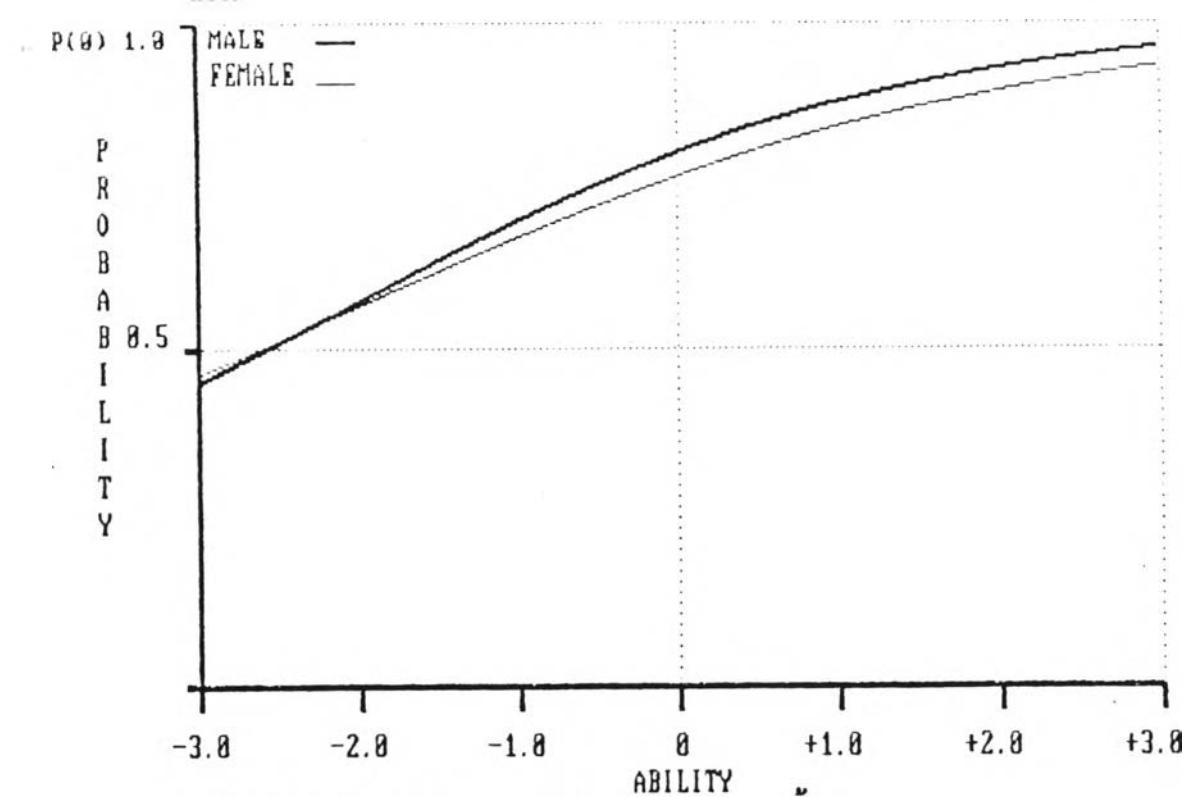


FIGURE 71 PLOT ITEM CHARACTERISTIC CURVE (ma 9)

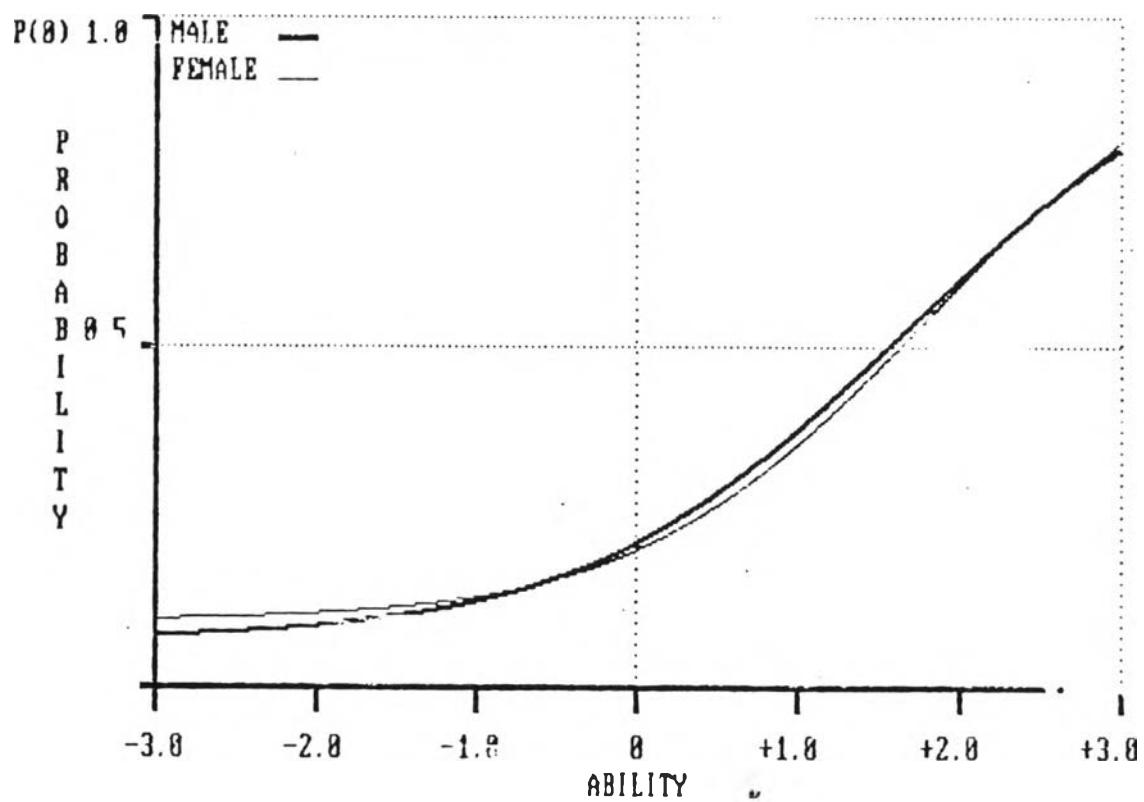


FIGURE 72 PLOT ITEM CHARACTERISTIC CURVE (ma 10)

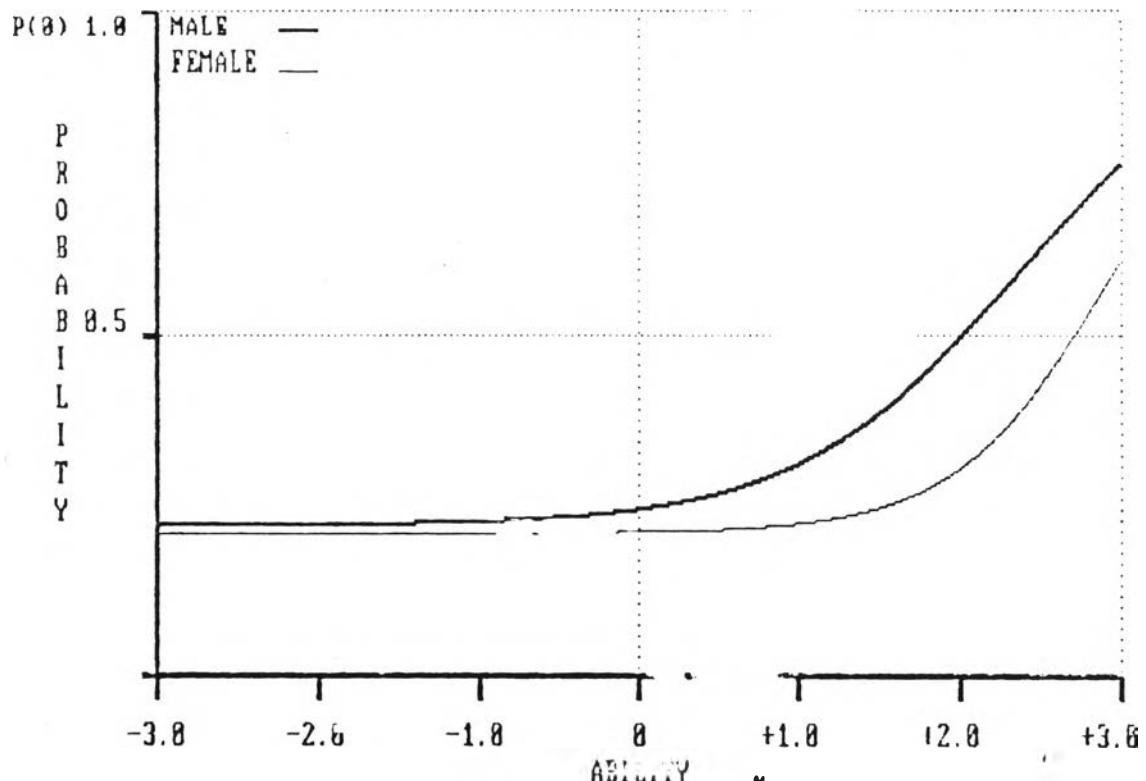


FIGURE 73 PLOT ITEM CHARACTERISTIC CURVE (ID 11)

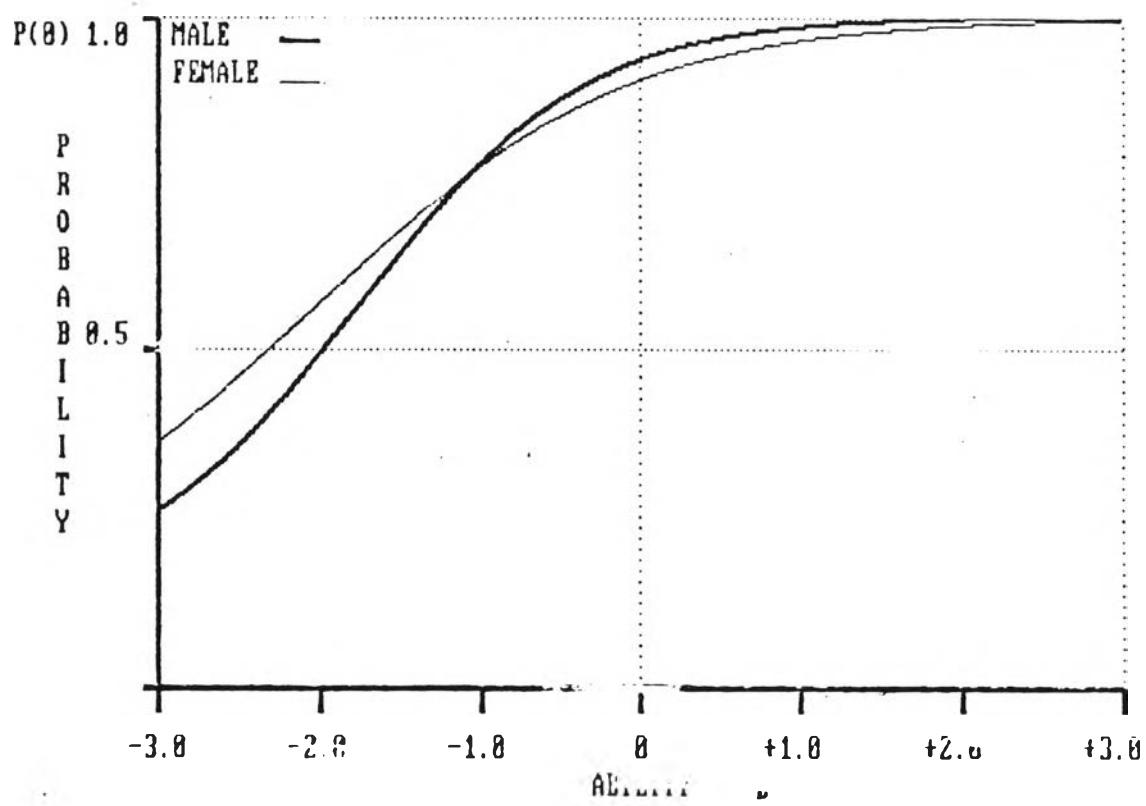


FIGURE 74 PLOT ITEM CHARACTERISTIC CURVE (ID 12)

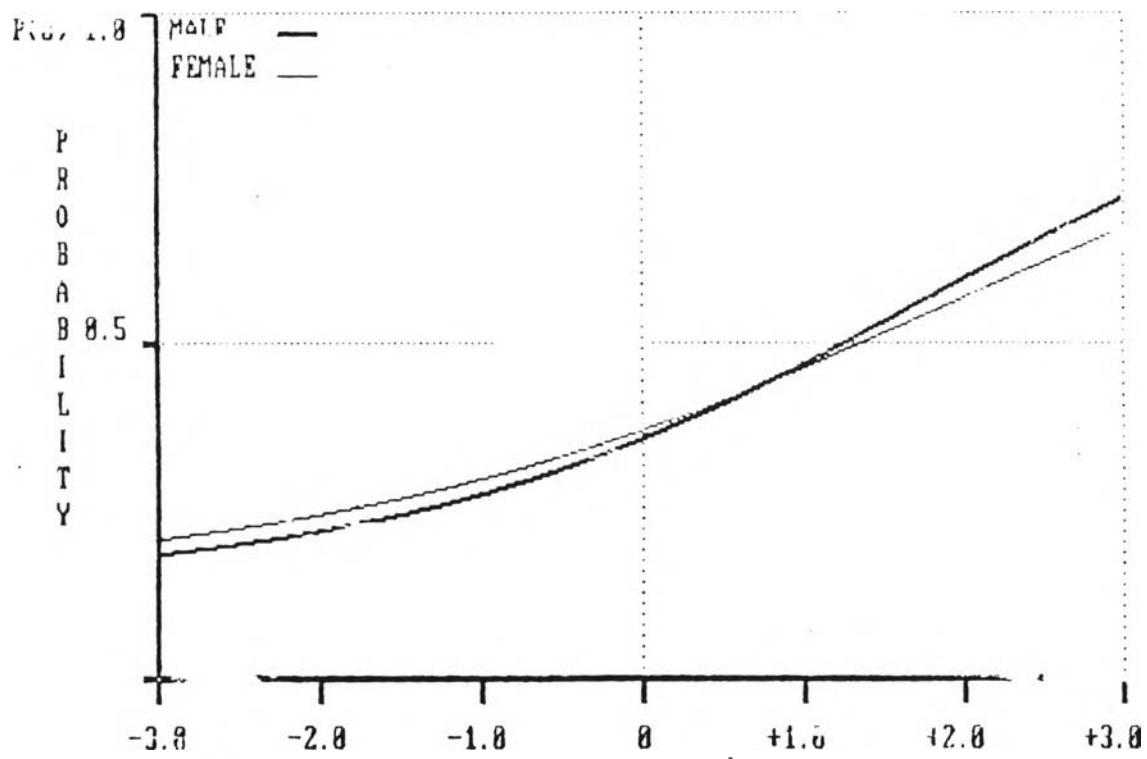


FIGURE 75 PLOT ITEM CHARACTERISTIC CURVE (s.d 13)

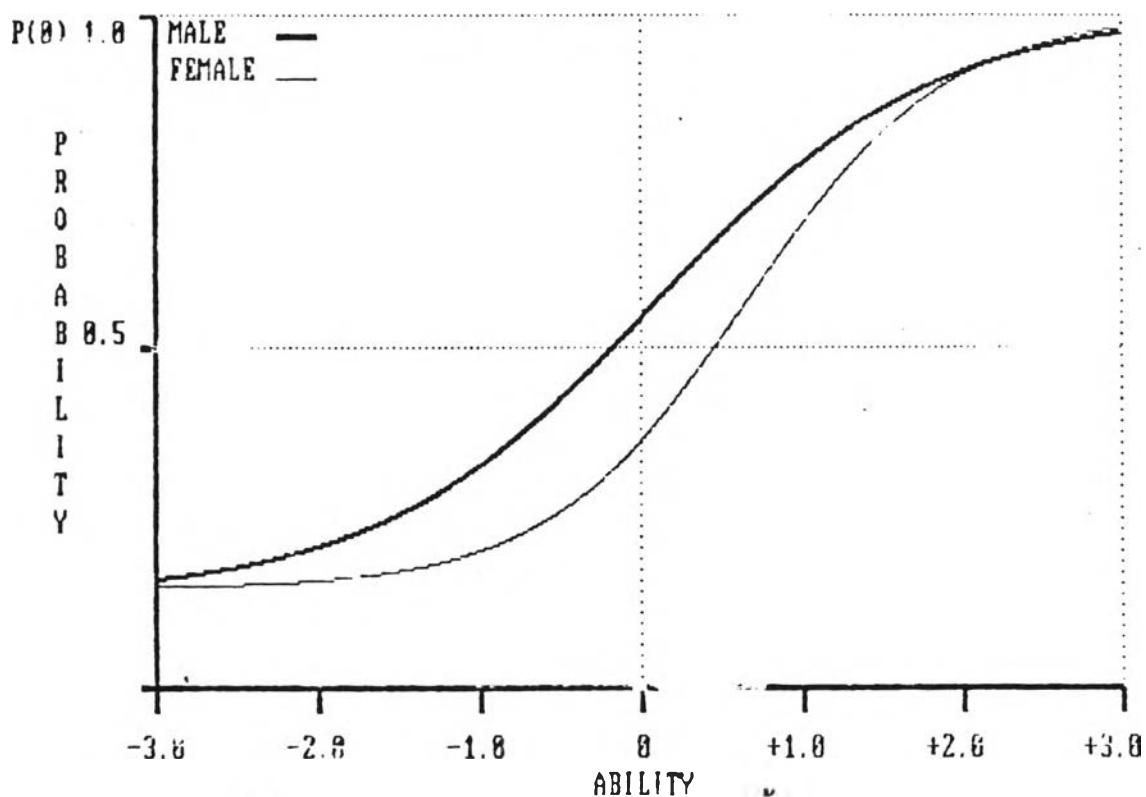
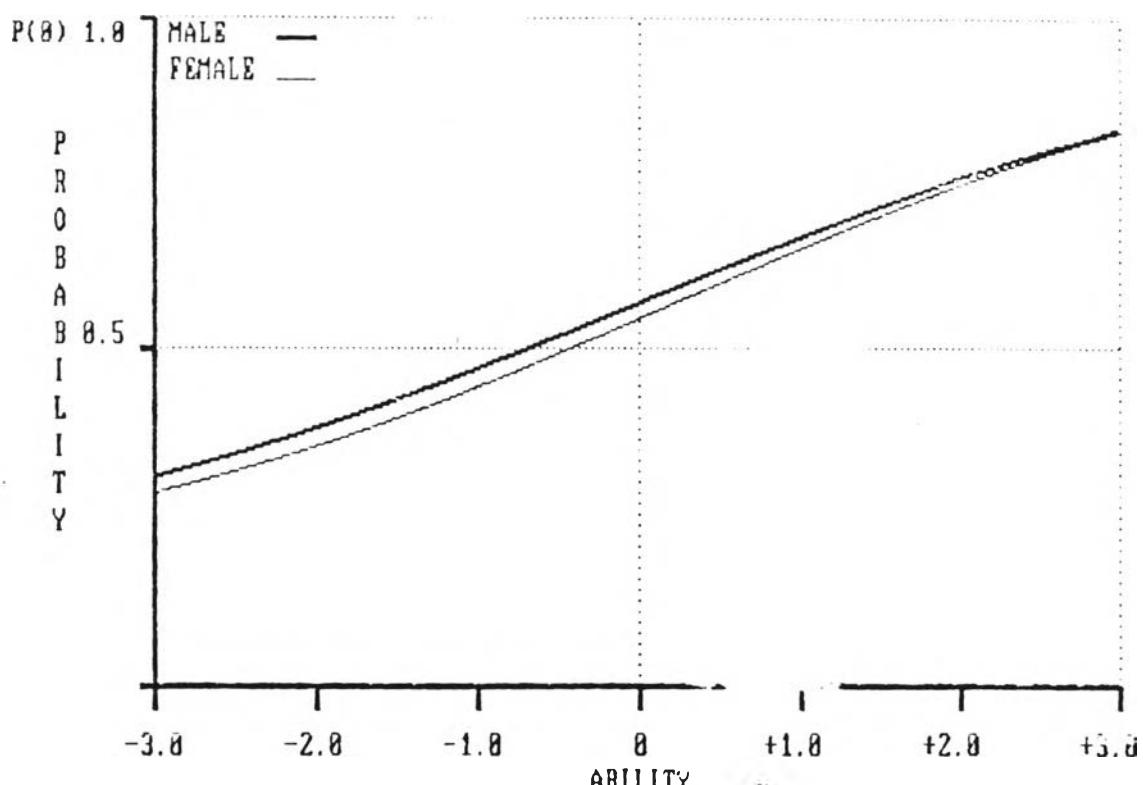
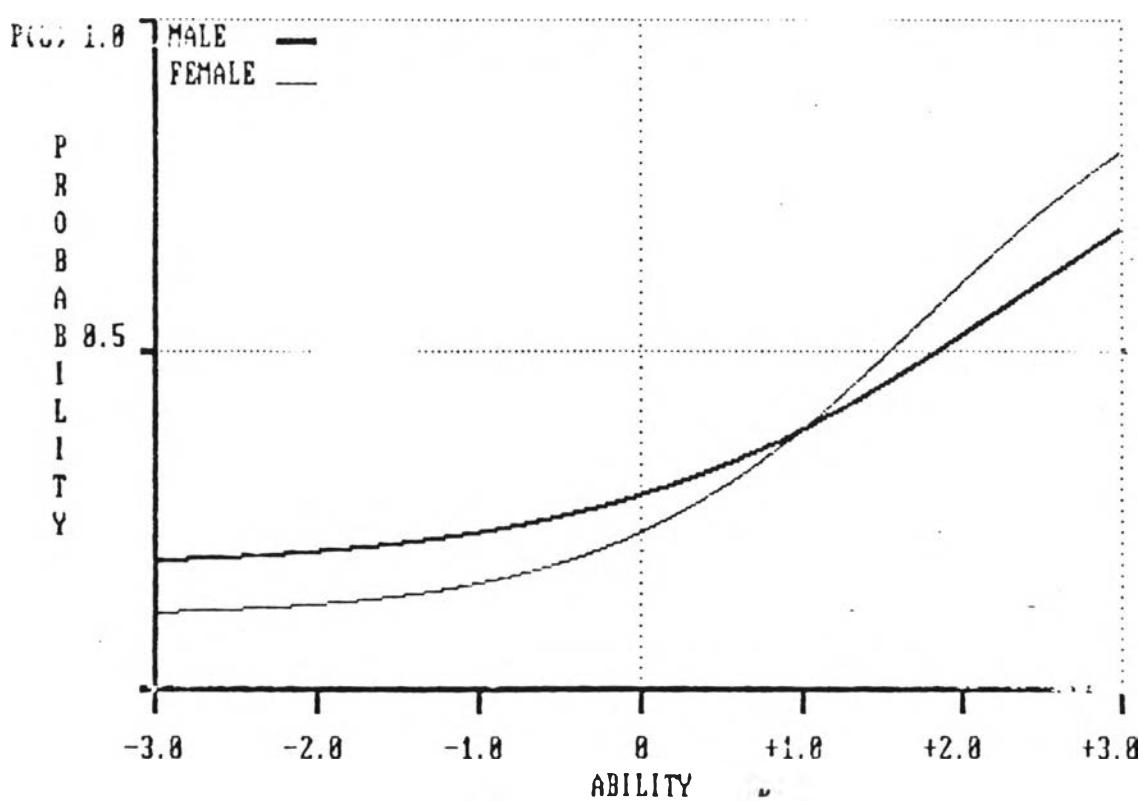


FIGURE 76 PLOT ITEM CHARACTERISTIC CURVE (s.d 14)

FIGURE 77 PLOT ITEM CHARACTERISTIC CURVE ( $n=15$ )FIGURE 78 PLOT ITEM CHARACTERISTIC CURVE ( $n=17$ )

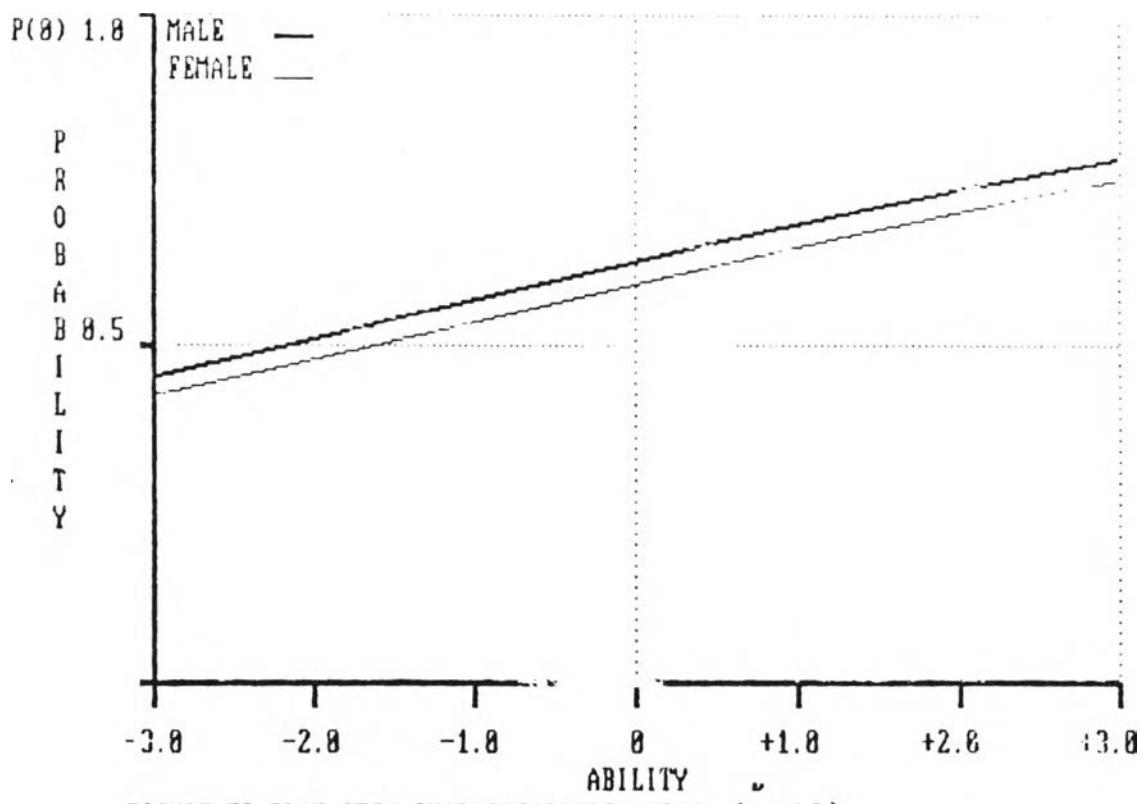


FIGURE 79 PLOT ITEM CHARACTERISTIC CURVE (Ia 19)

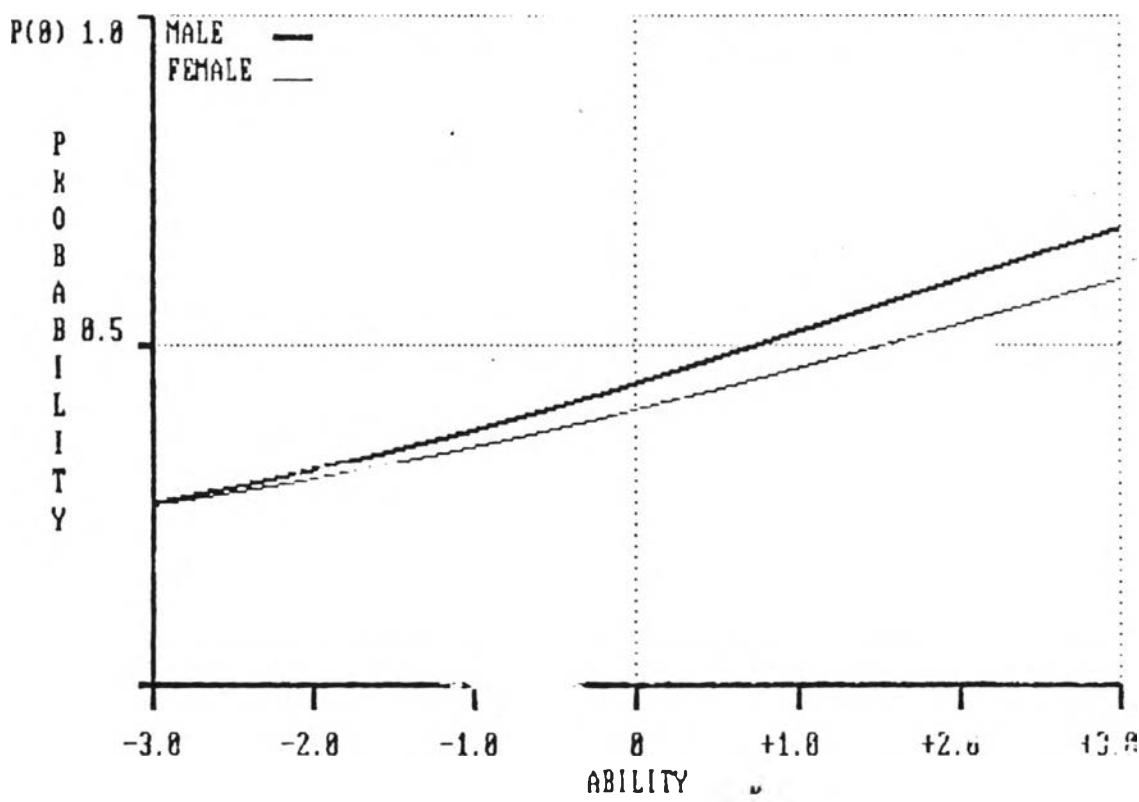


FIGURE 80 PLOT ITEM CHARACTERISTIC CURVE (Ia 20)

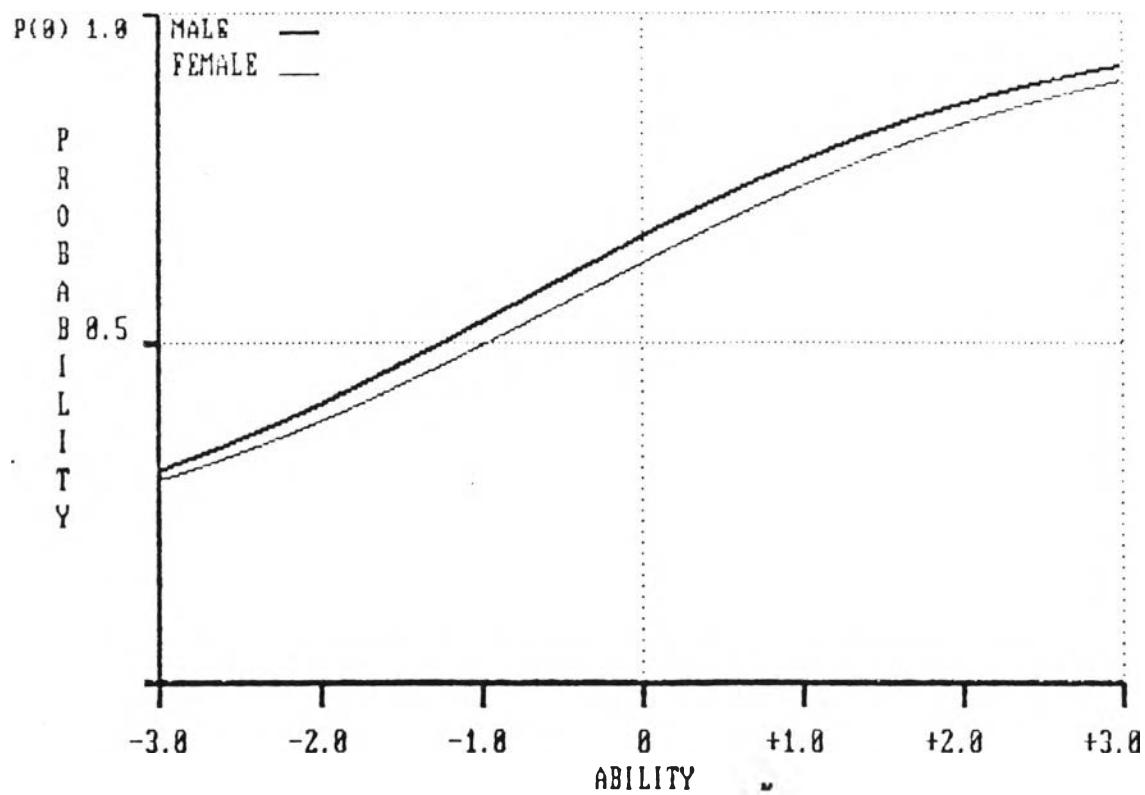


FIGURE 81 PLOT ITEM CHARACTERISTIC CURVE (sa 21)

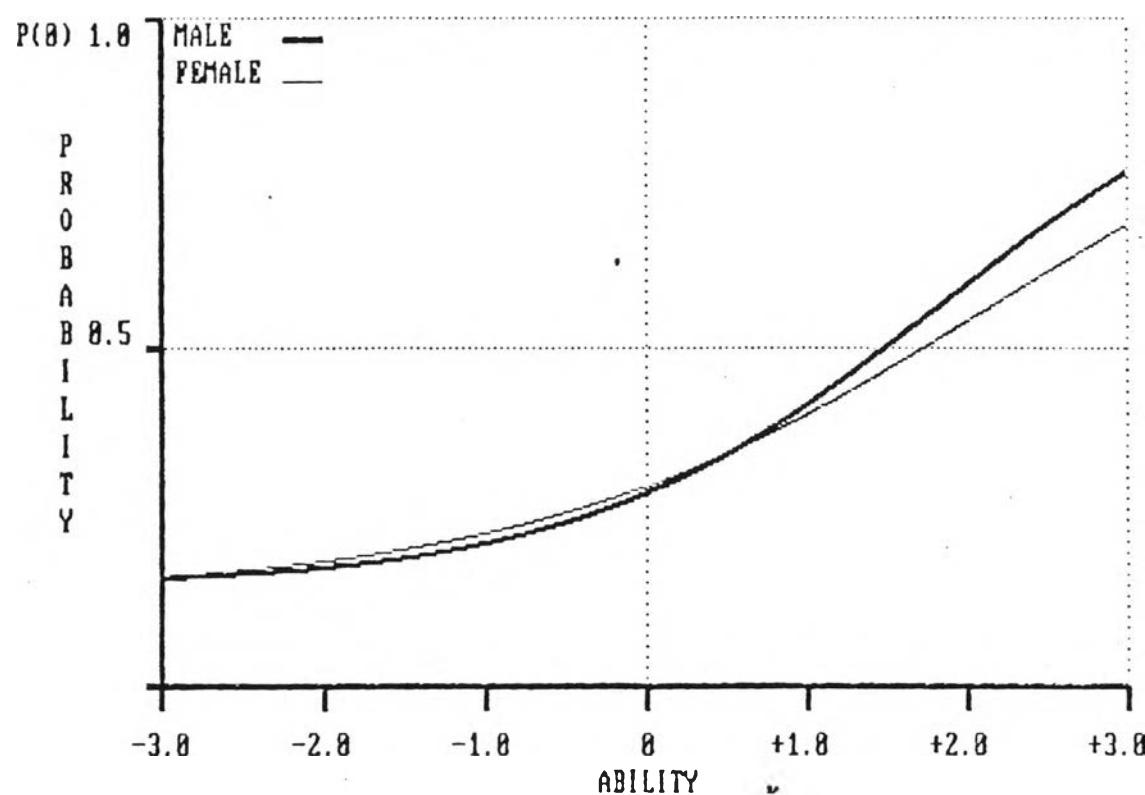


FIGURE 82 PLOT ITEM CHARACTERISTIC CURVE (sa 22)

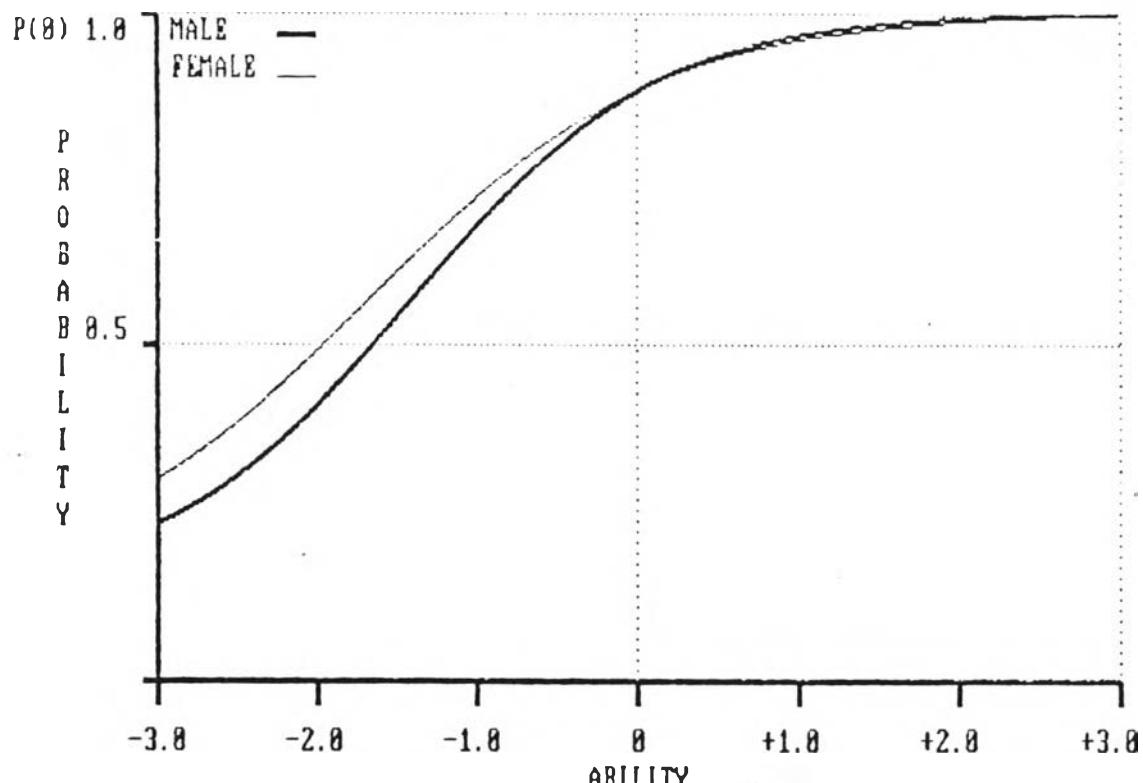


FIGURE 83 PLOT ITEM CHARACTERISTIC CURVE (Ia23)

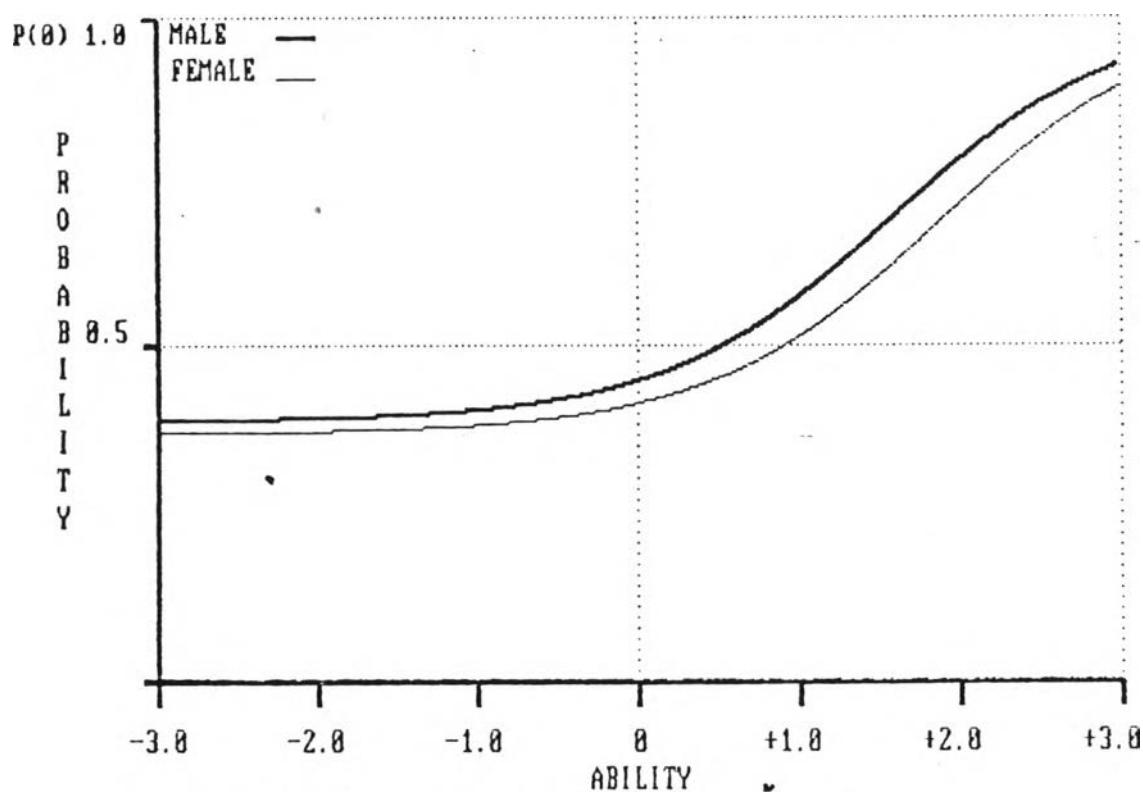


FIGURE 84 PLOT ITEM CHARACTERISTIC CURVE (Ia24)

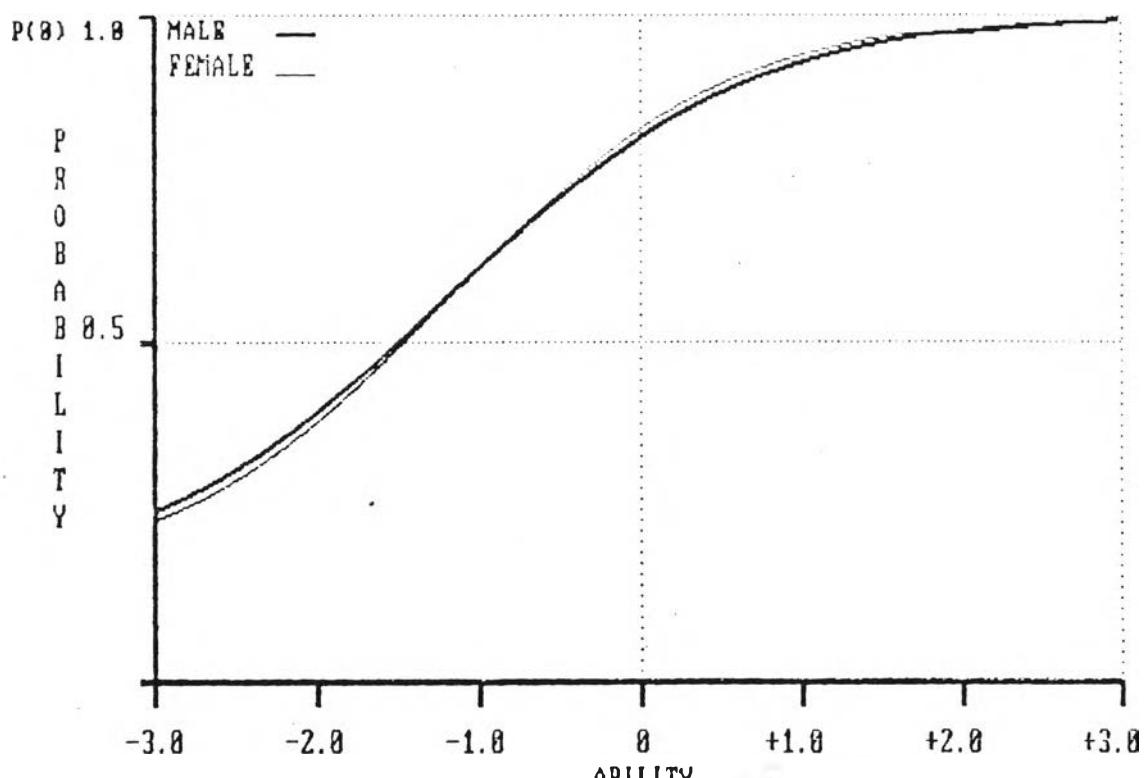


FIGURE 85 PLOT ITEM CHARACTERISTIC CURVE (n=26)

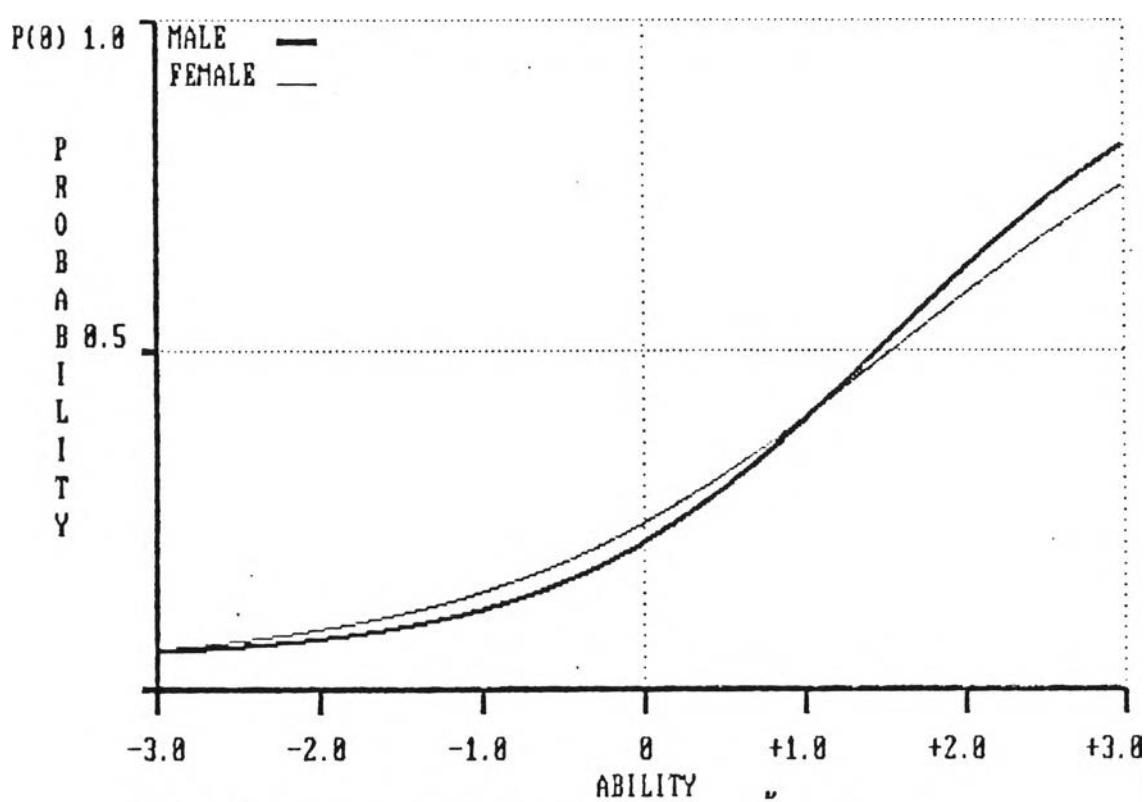


FIGURE 86 PLOT ITEM CHARACTERISTIC CURVE (n=27)

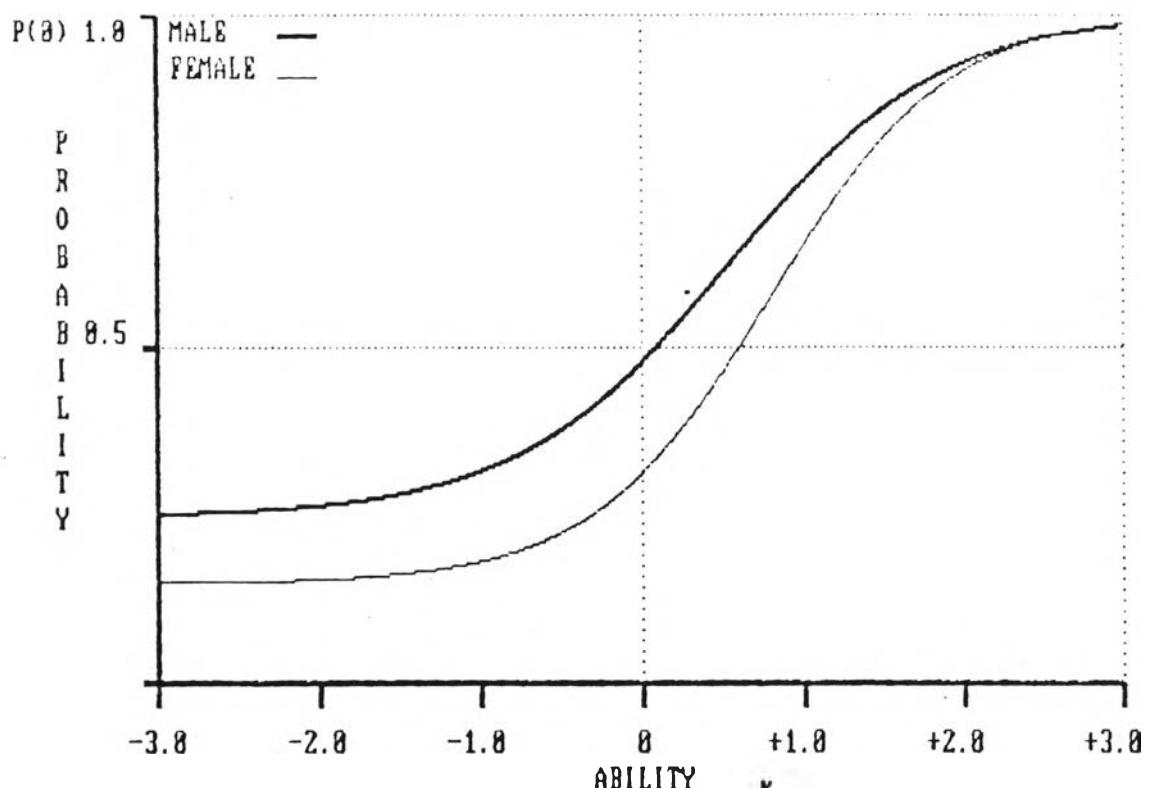


FIGURE 87 PLOT ITEM CHARACTERISTIC CURVE (n=28)

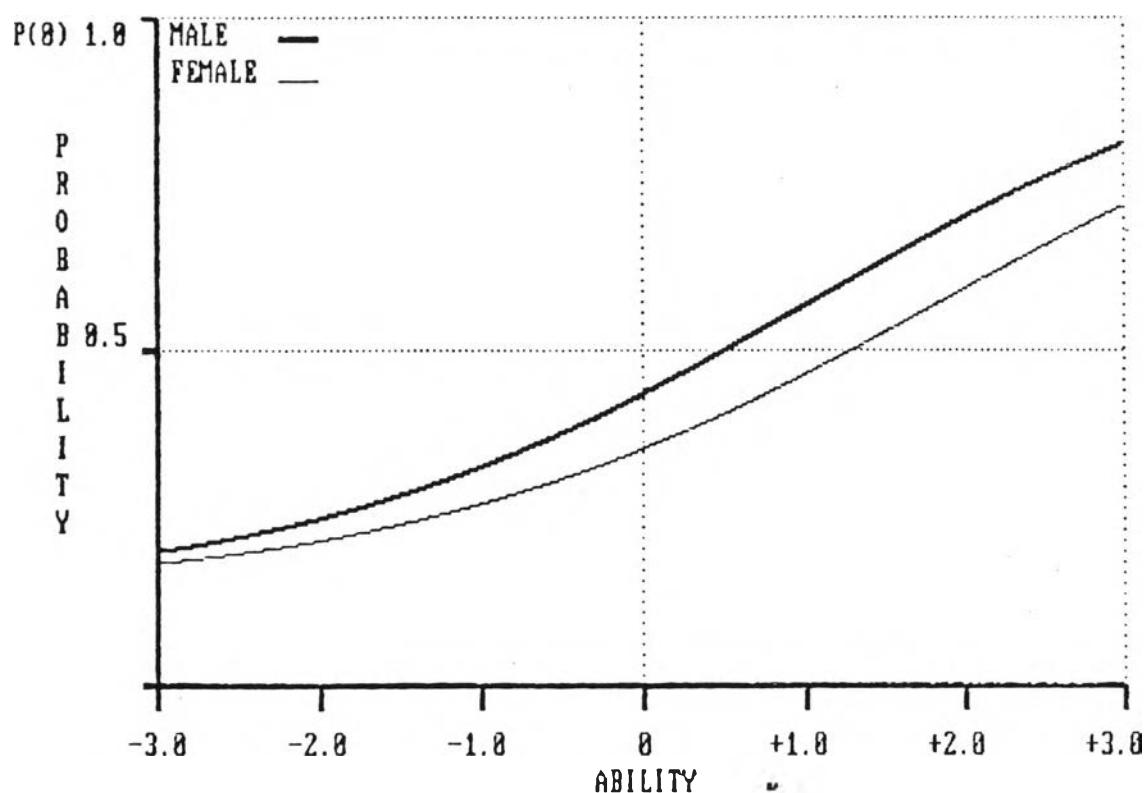


FIGURE 88 PLOT ITEM CHARACTERISTIC CURVE (n=30)

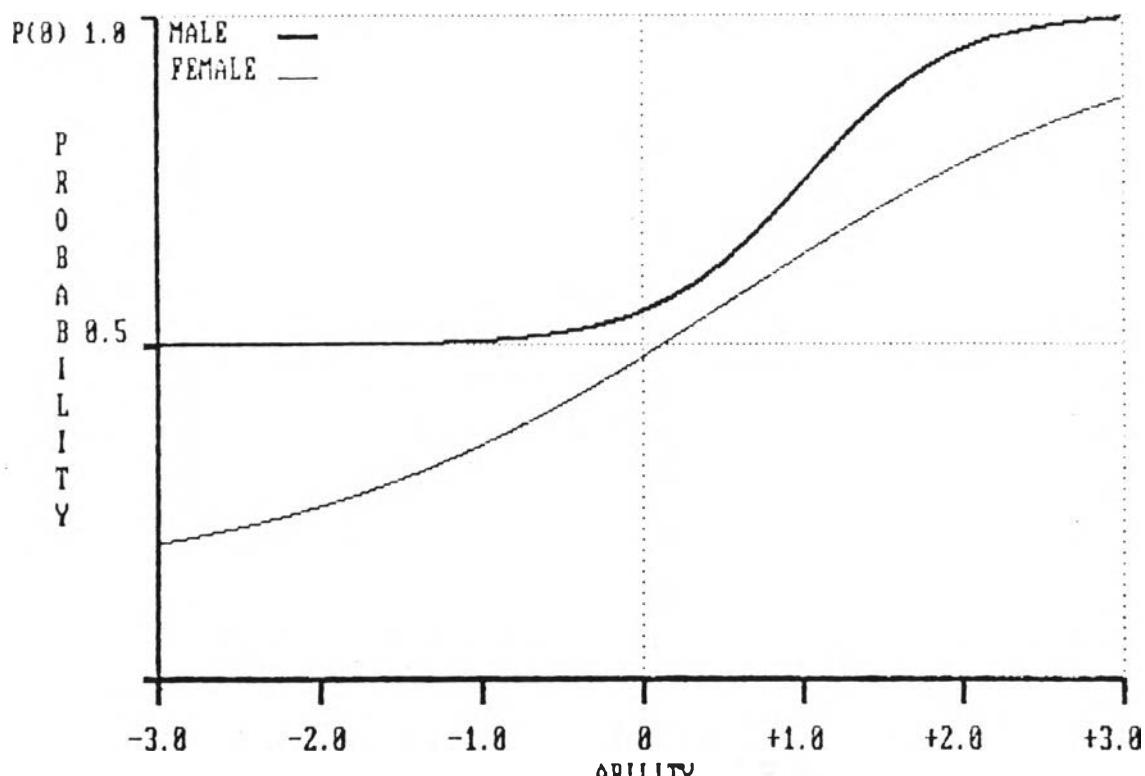


FIGURE 89 PLOT ITEM CHARACTERISTIC CURVE (ma 31)

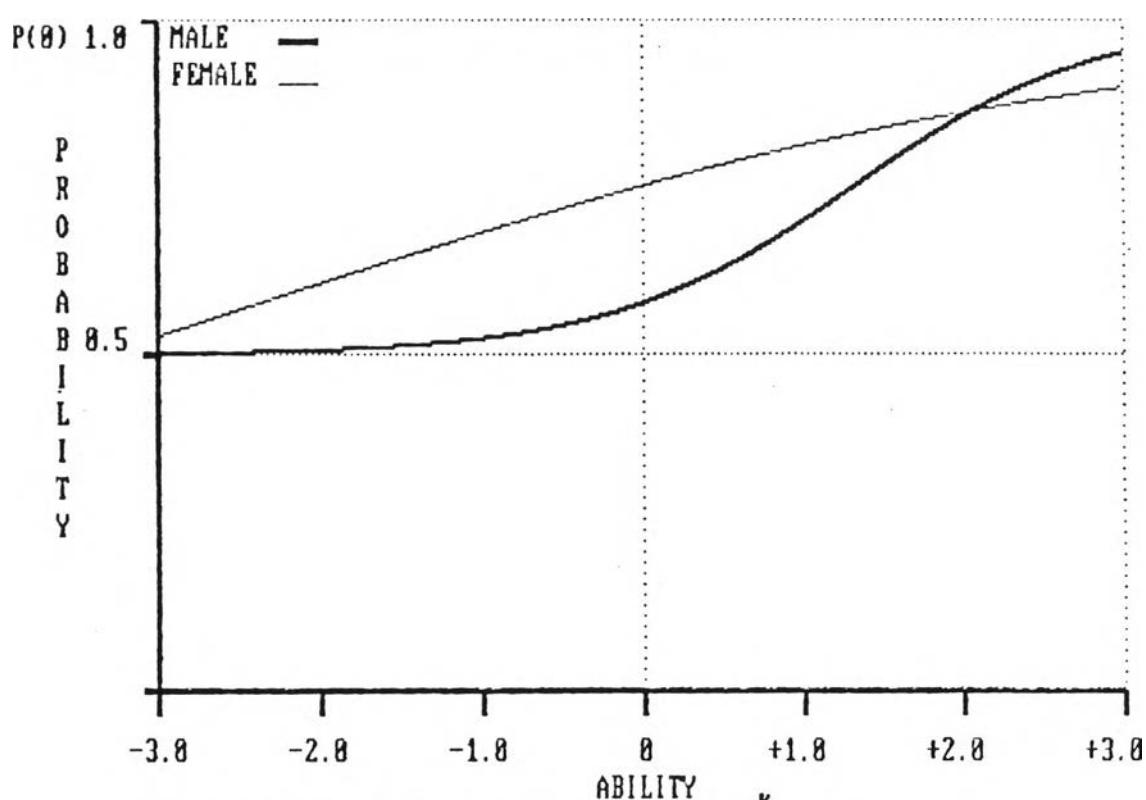


FIGURE 98 PLOT ITEM CHARACTERISTIC CURVE (ma 33)

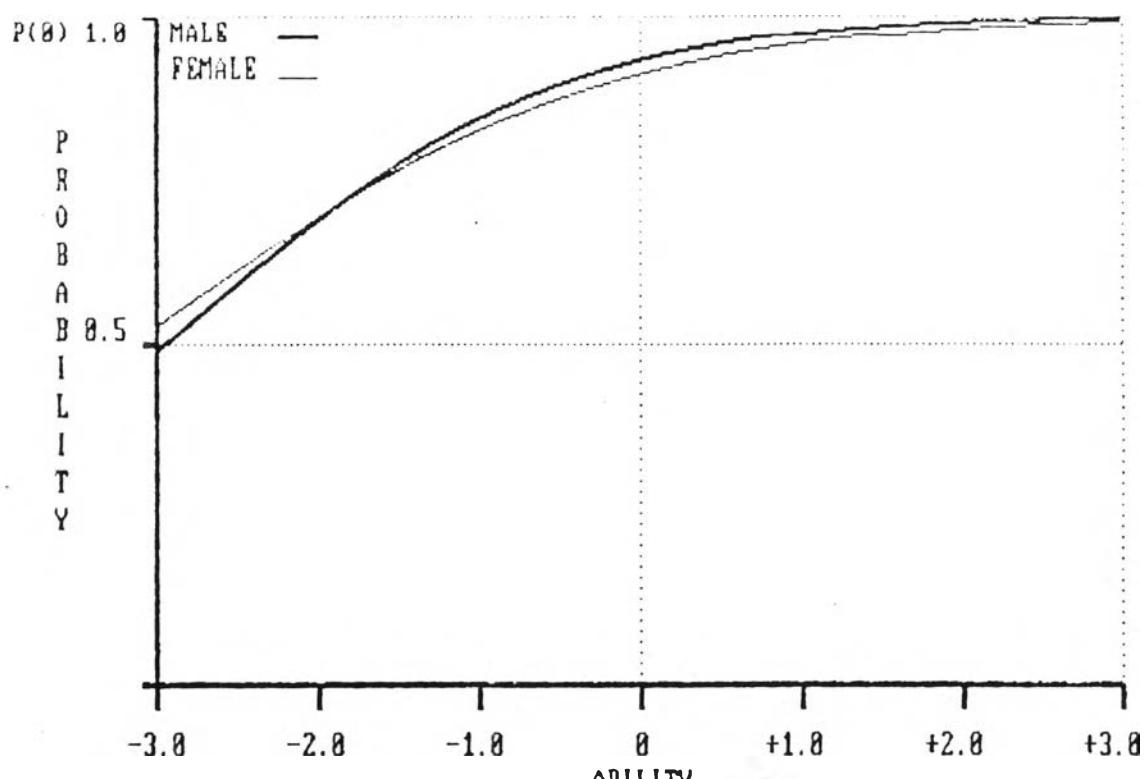


FIGURE 91 PLOT ITEM CHARACTERISTIC CURVE (n=34)

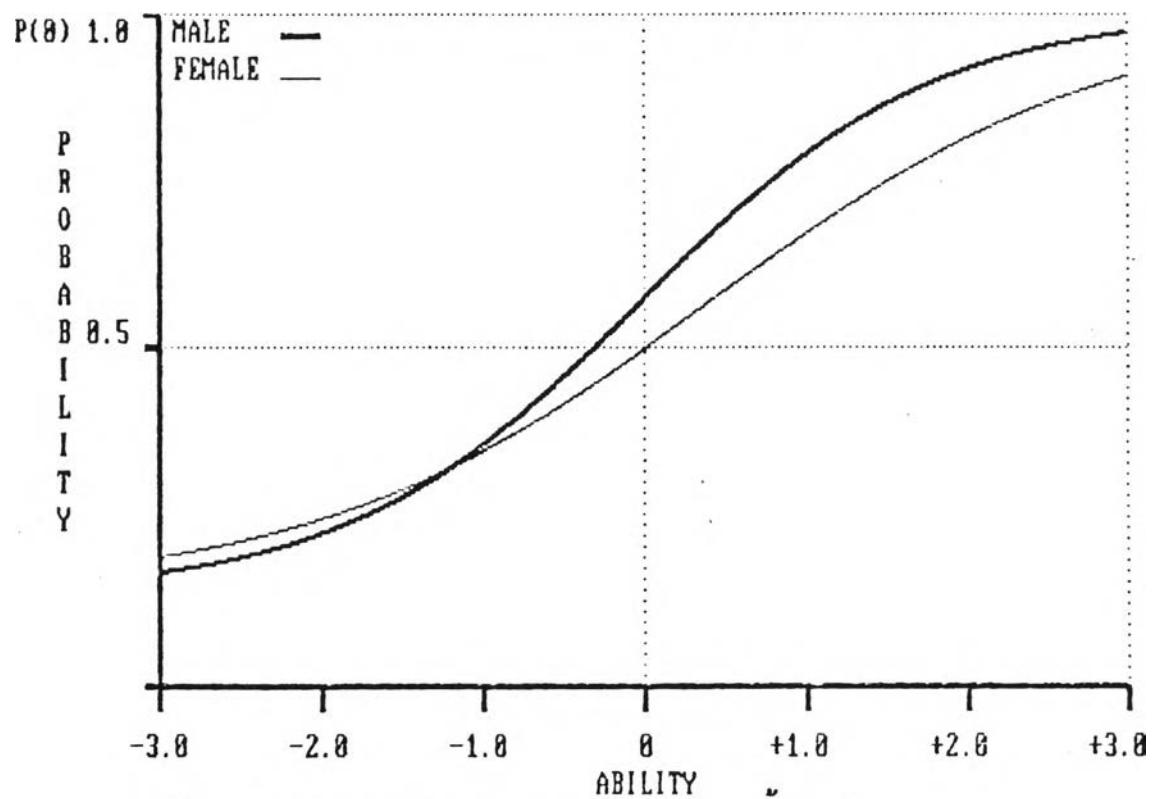
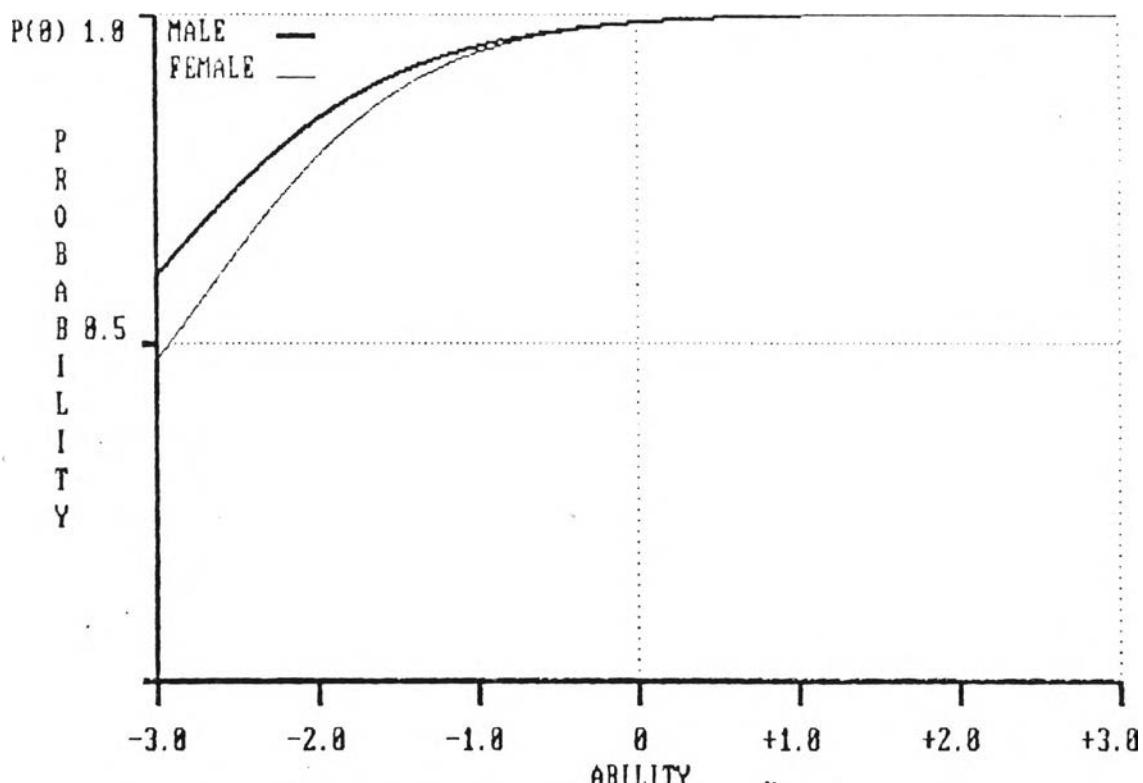
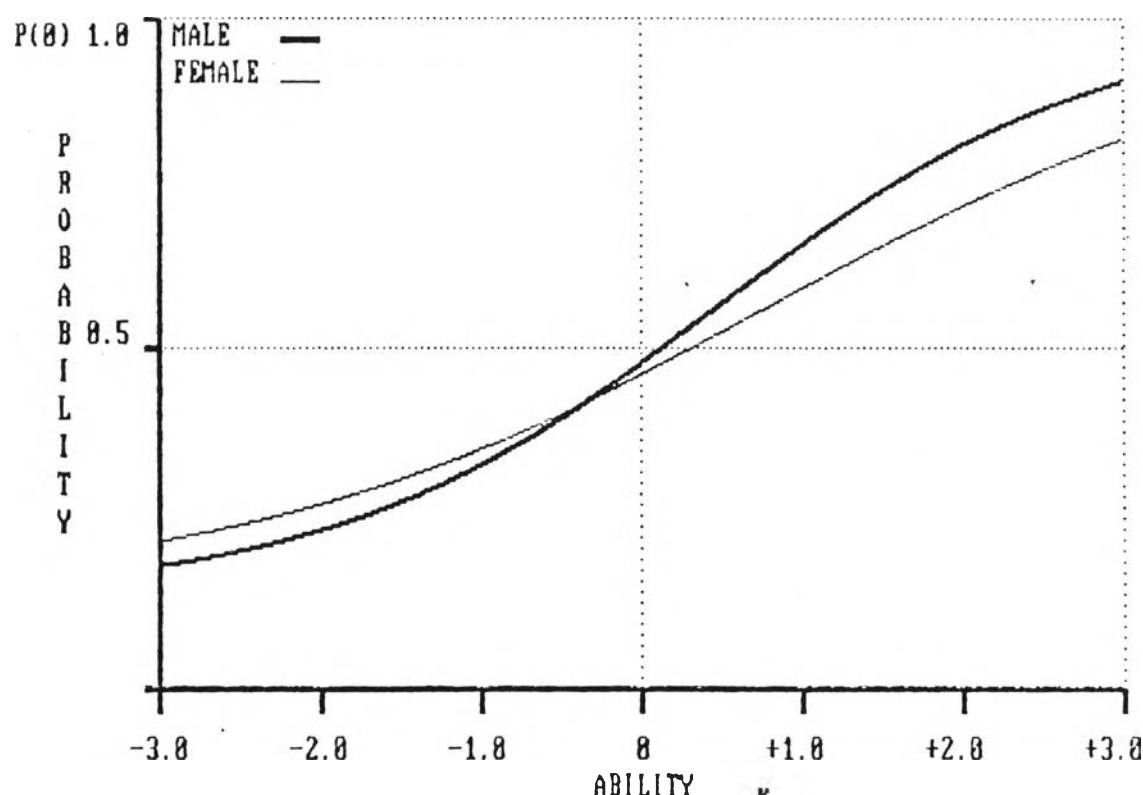


FIGURE 92 PLOT ITEM CHARACTERISTIC CURVE (n=36)

FIGURE 93 PLOT ITEM CHARACTERISTIC CURVE ( $n=37$ )FIGURE 94 PLOT ITEM CHARACTERISTIC CURVE ( $n=38$ )

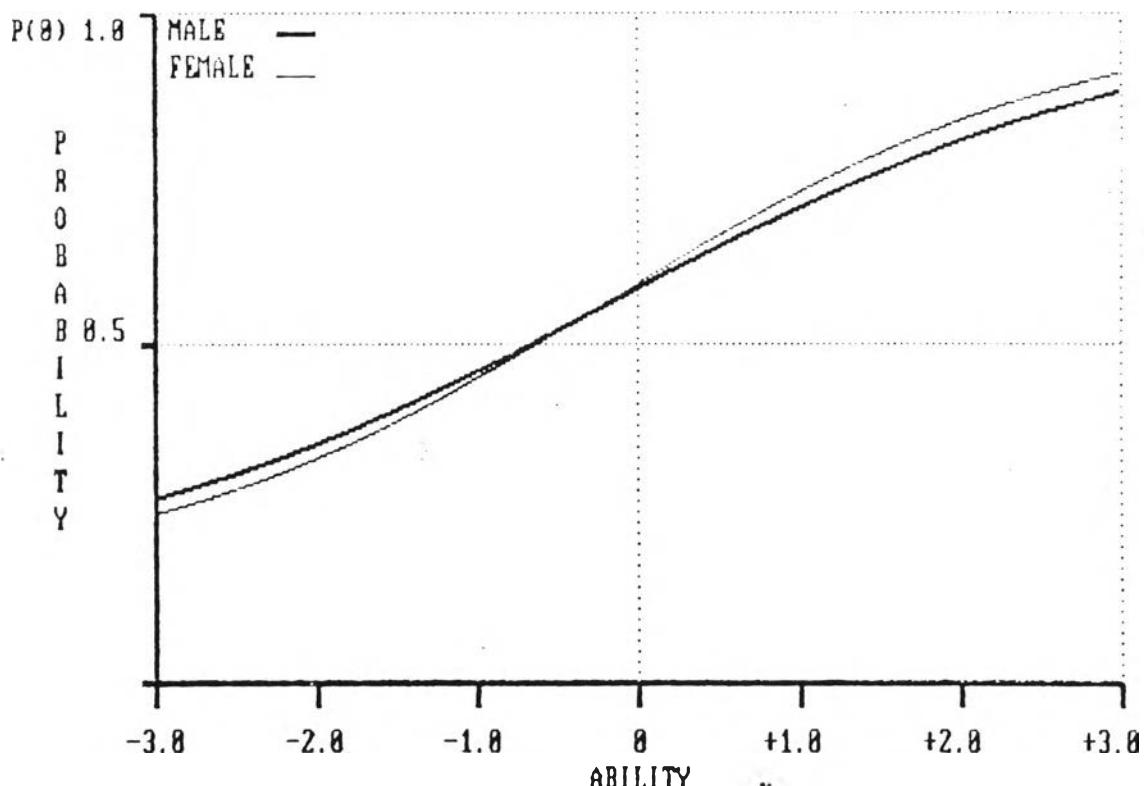


FIGURE 95 PLOT ITEM CHARACTERISTIC CURVE (n=39)

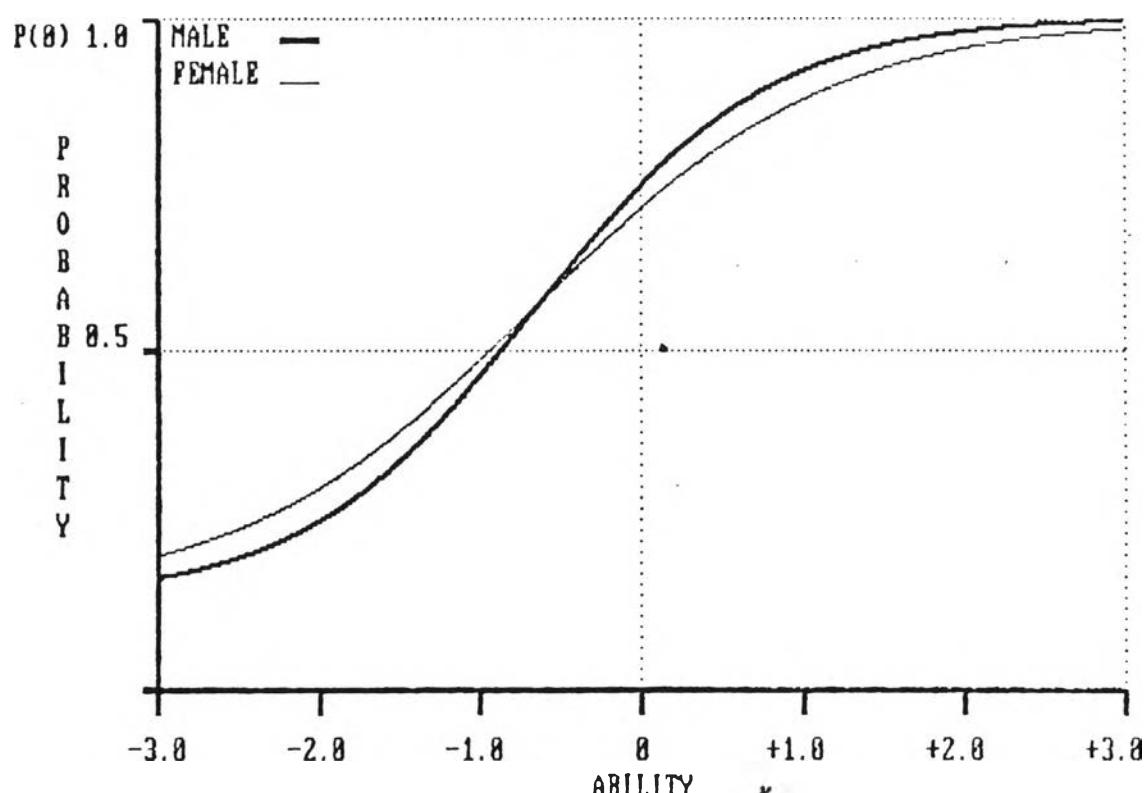


FIGURE 96 PLOT ITEM CHARACTERISTIC CURVE (n=40)

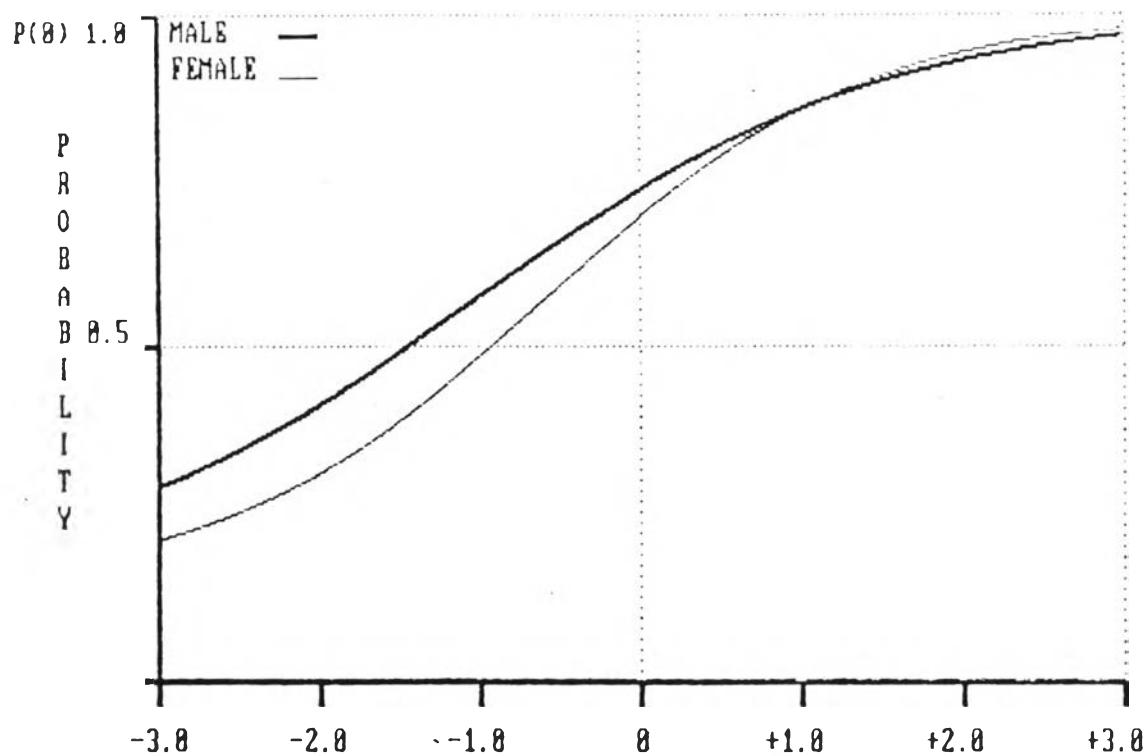


FIGURE 97 PLOT ITEM CHARACTERISTIC CURVE (aa41)

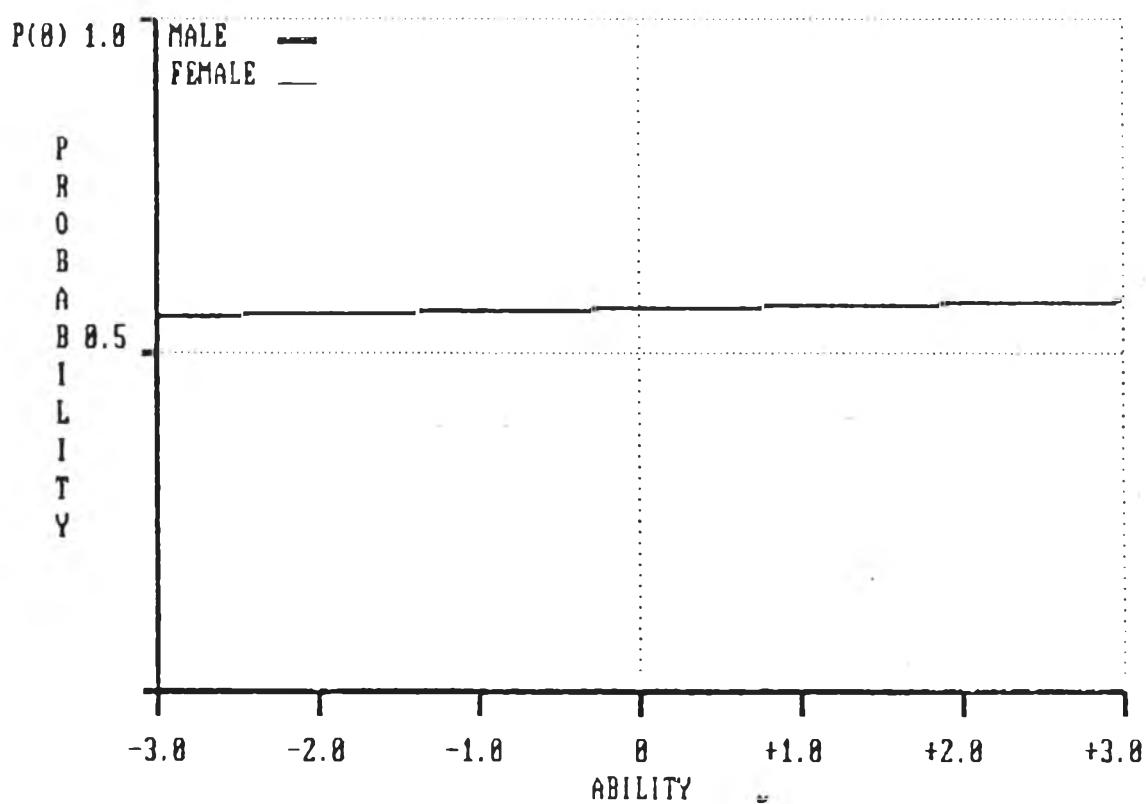


FIGURE 98 PLOT ITEM CHARACTERISTIC CURVE (aa42)

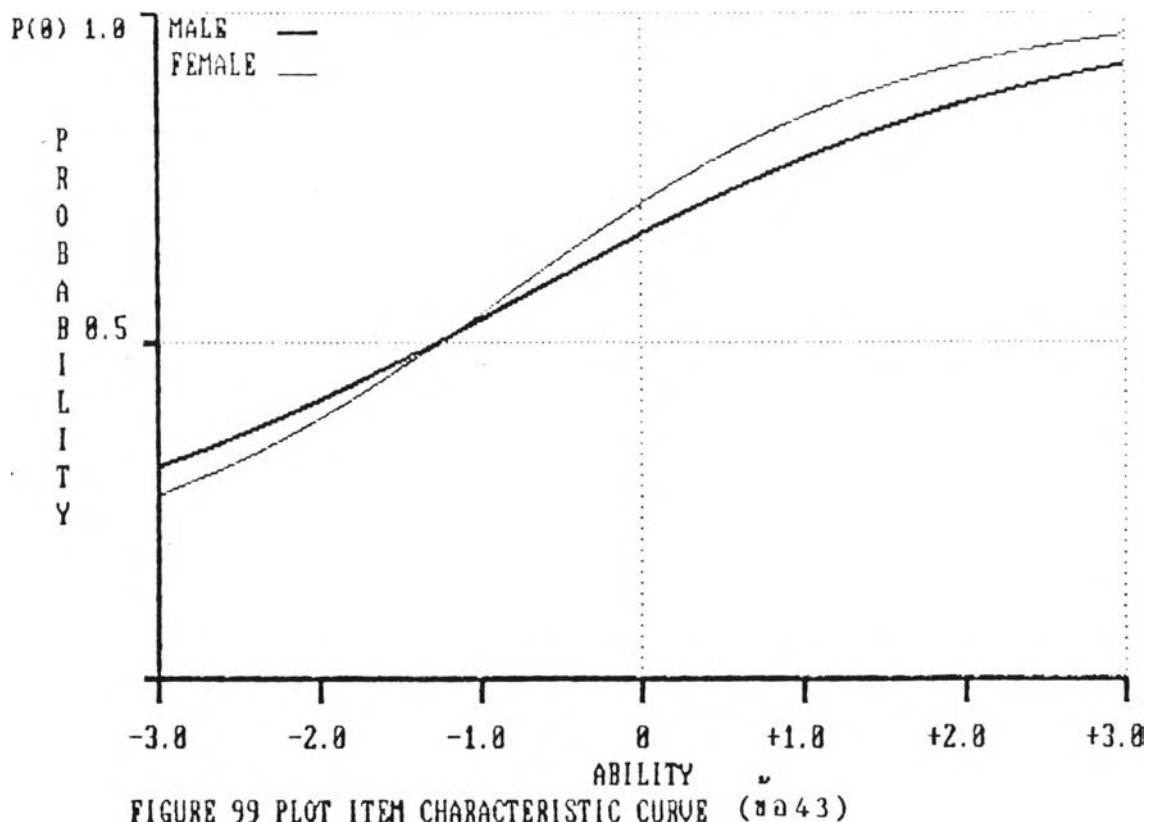


FIGURE 99 PLOT ITEM CHARACTERISTIC CURVE (n=43)

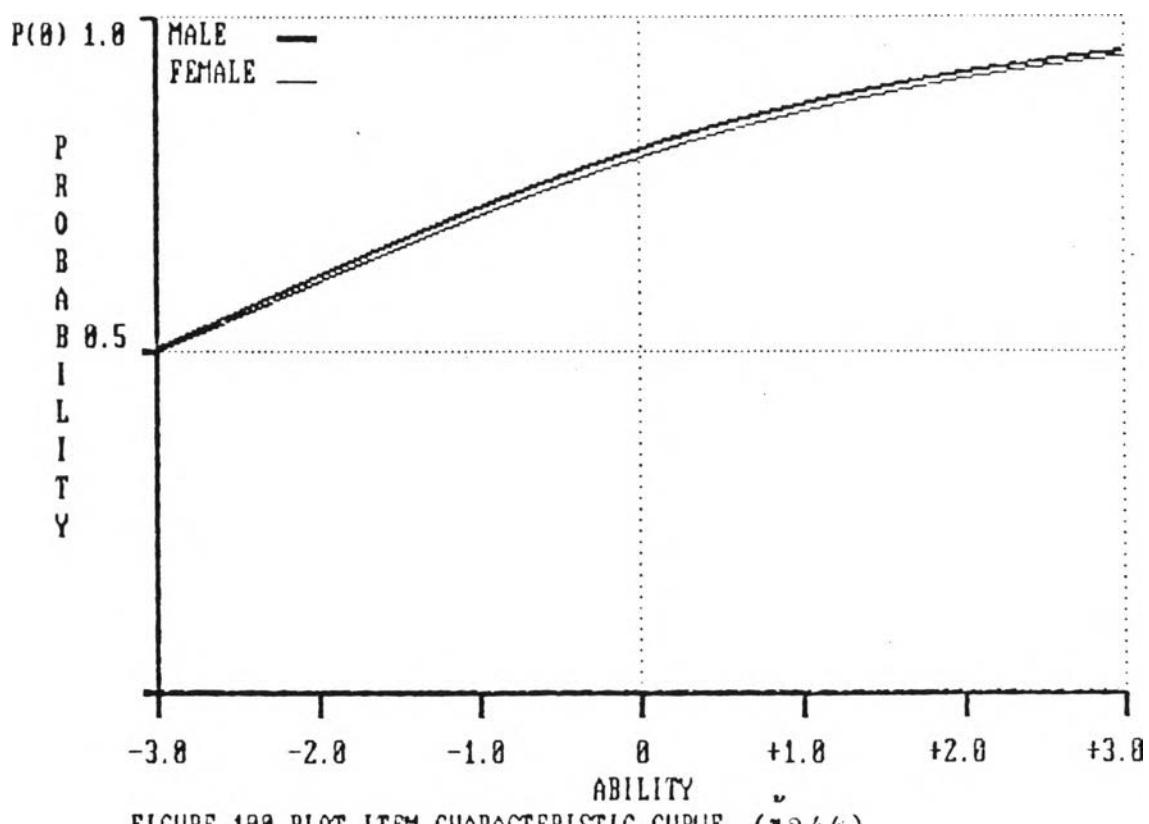


FIGURE 100 PLOT ITEM CHARACTERISTIC CURVE (n=44)

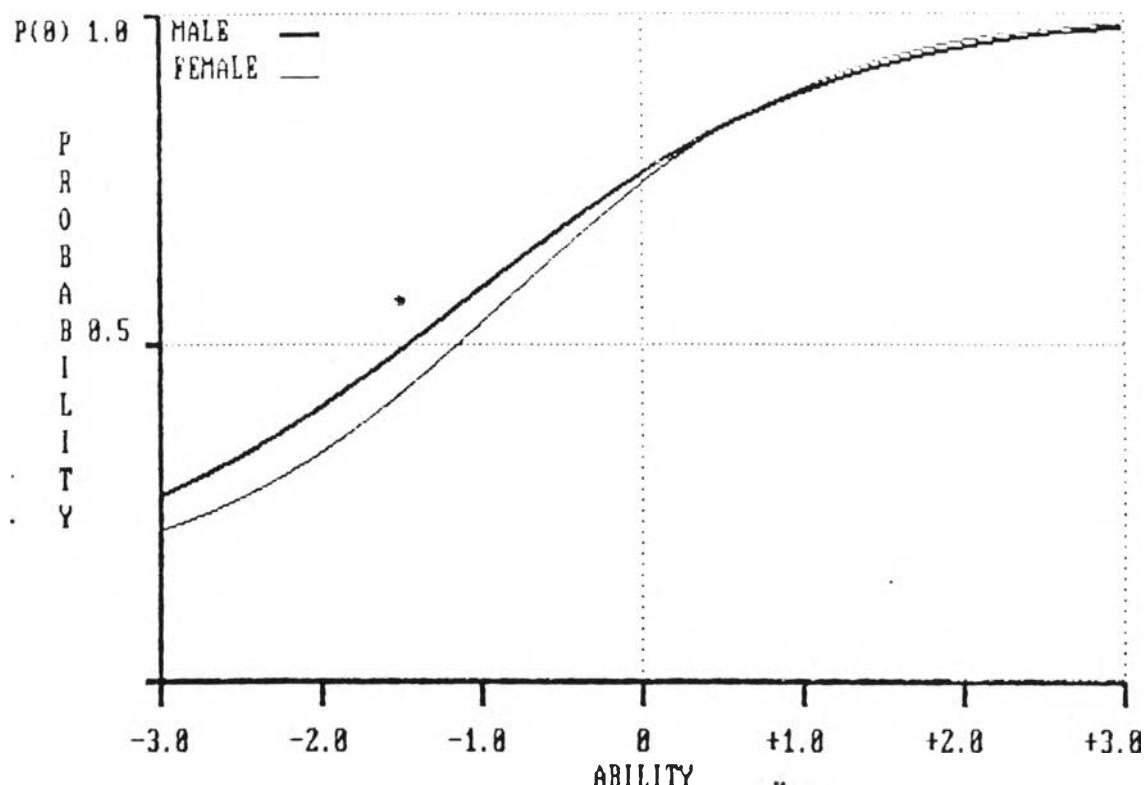


FIGURE 101 PLOT ITEM CHARACTERISTIC CURVE (8045)

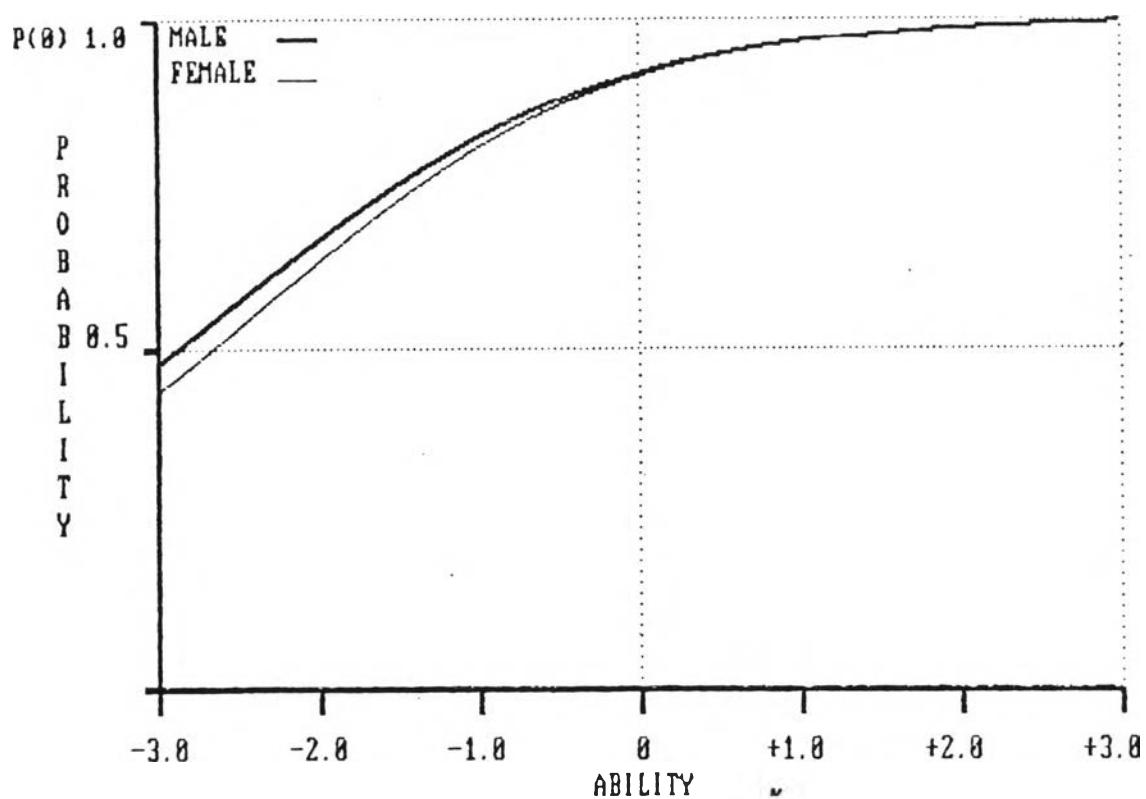


FIGURE 102 PLOT ITEM CHARACTERISTIC CURVE (8046)

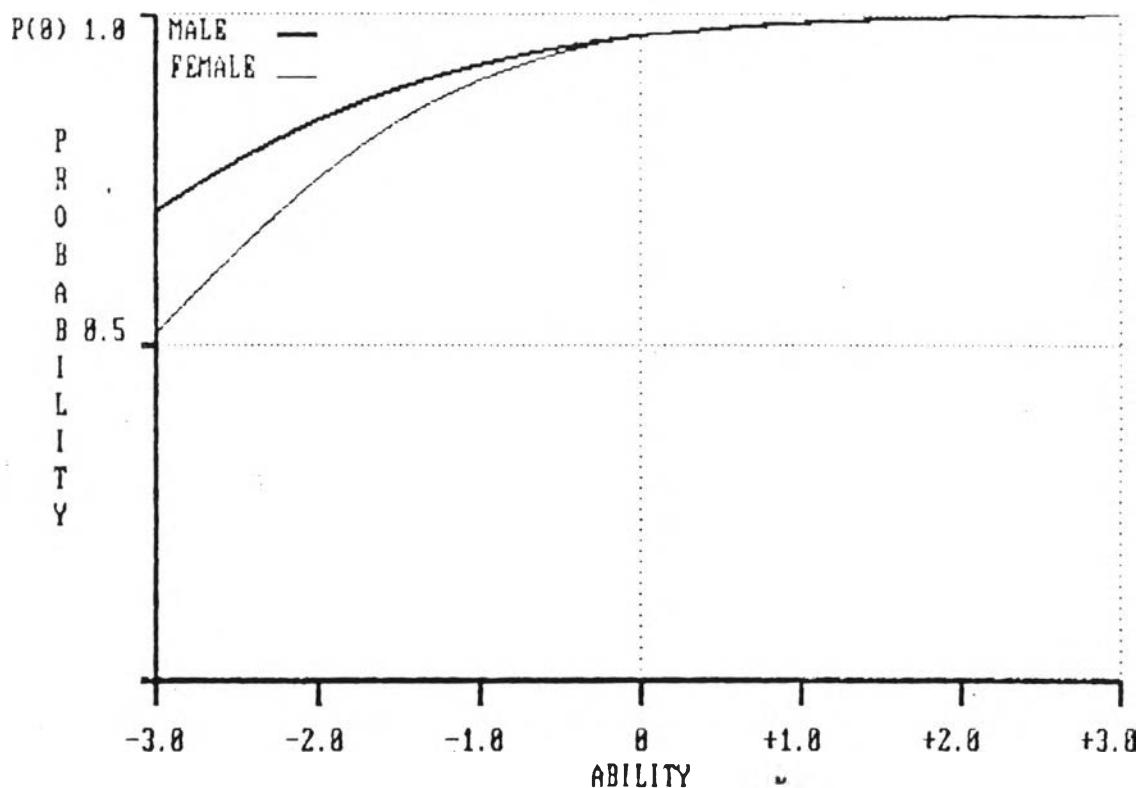


FIGURE 183 PLOT ITEM CHARACTERISTIC CURVE (ID 47)

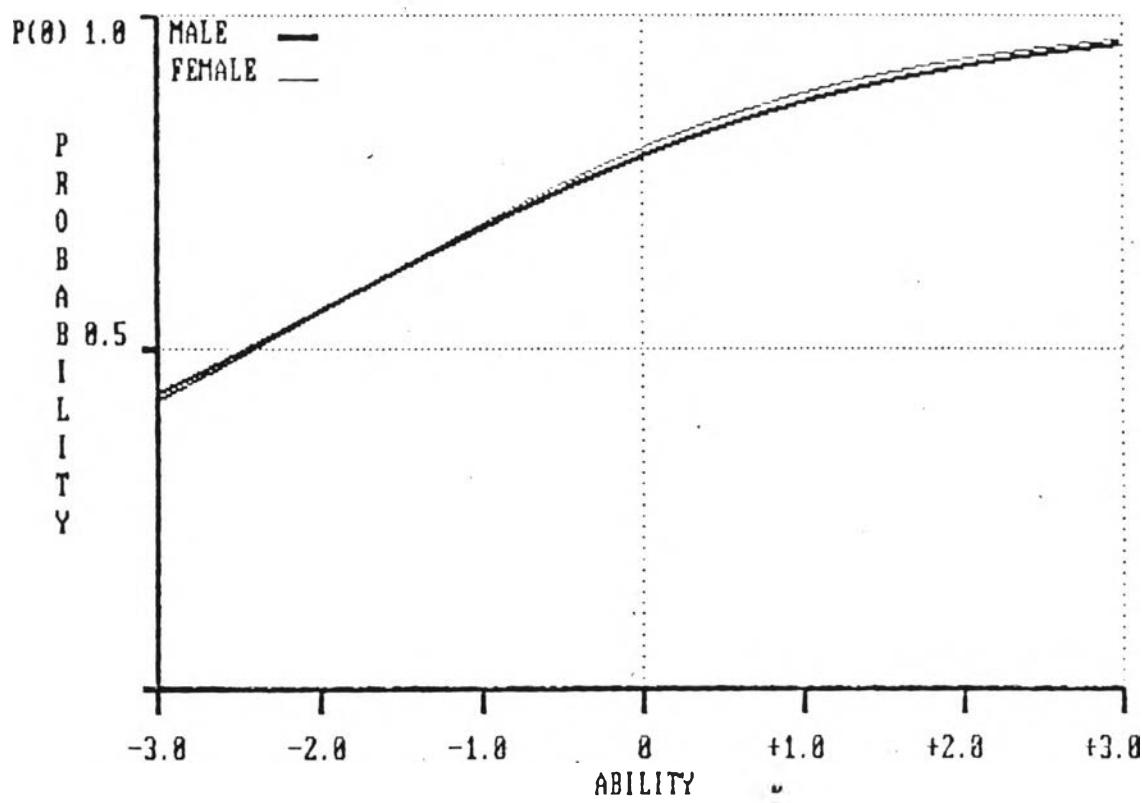


FIGURE 184 PLOT ITEM CHARACTERISTIC CURVE (ID 48)

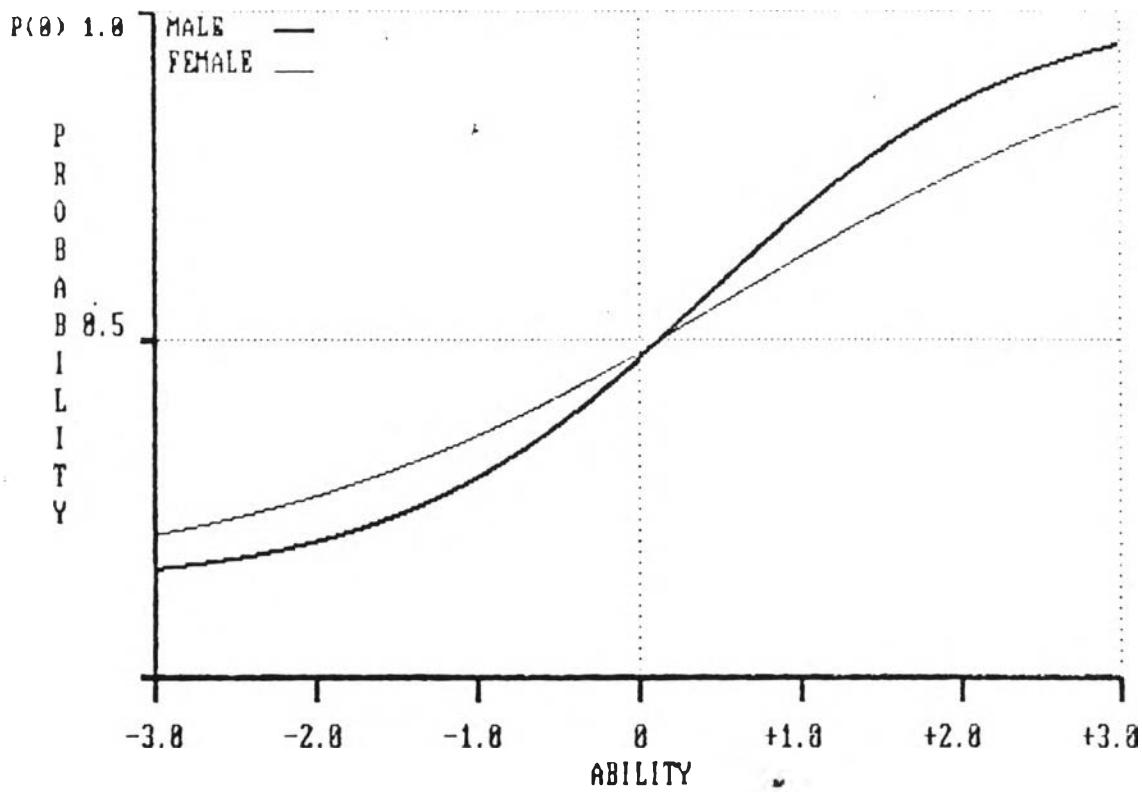


FIGURE 185 PLOT ITEM CHARACTERISTIC CURVE (n=50)

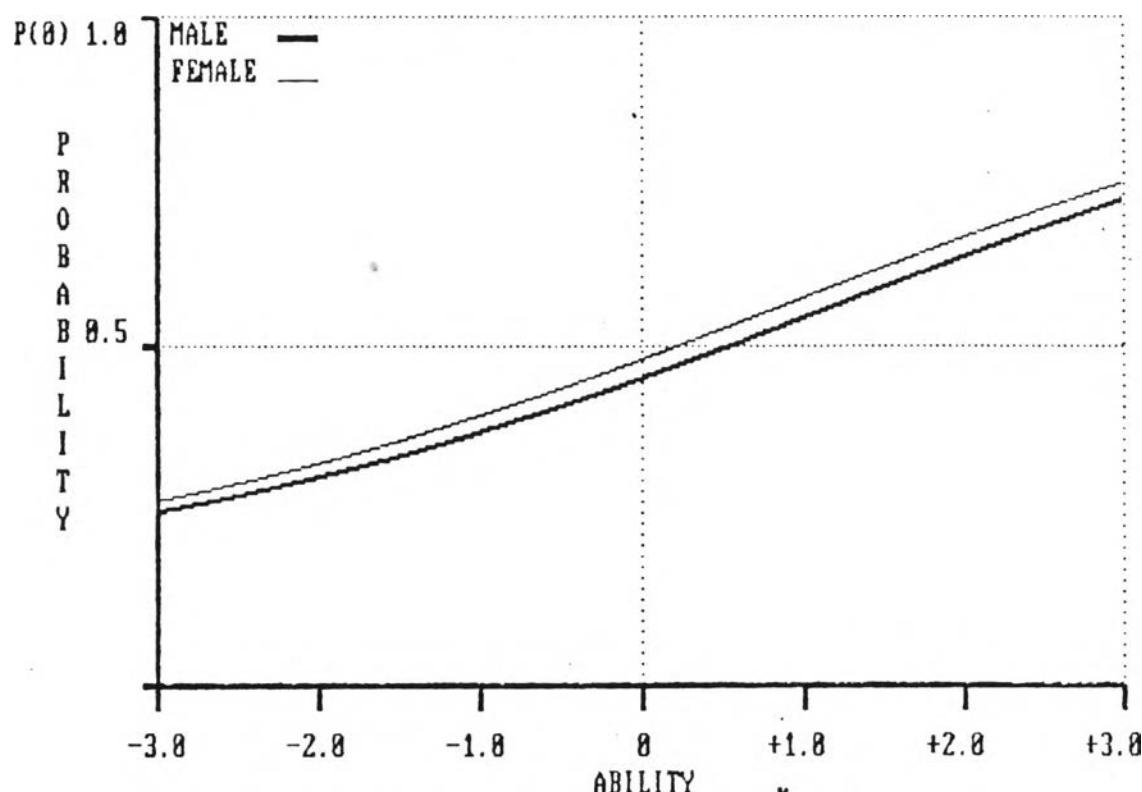


FIGURE 186 PLOT ITEM CHARACTERISTIC CURVE (n=51)

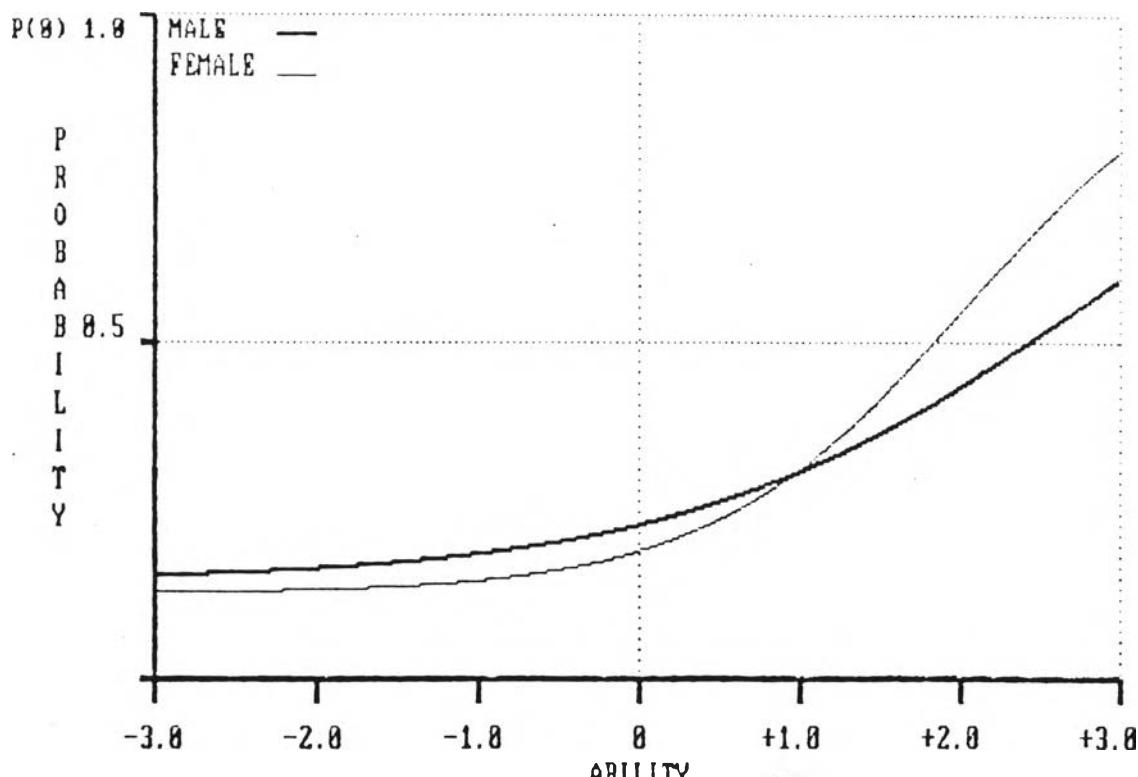


FIGURE 107 PLOT ITEM CHARACTERISTIC CURVE (a 58)

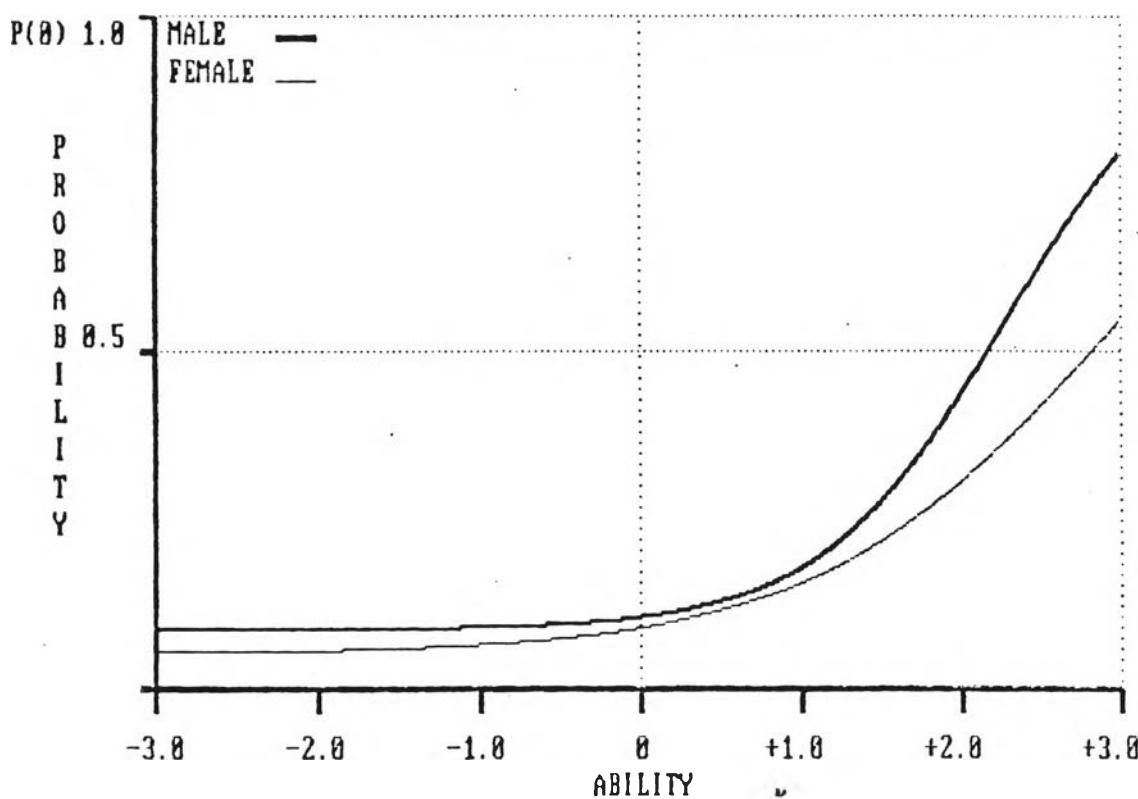


FIGURE 108 PLOT ITEM CHARACTERISTIC CURVE (a 59)

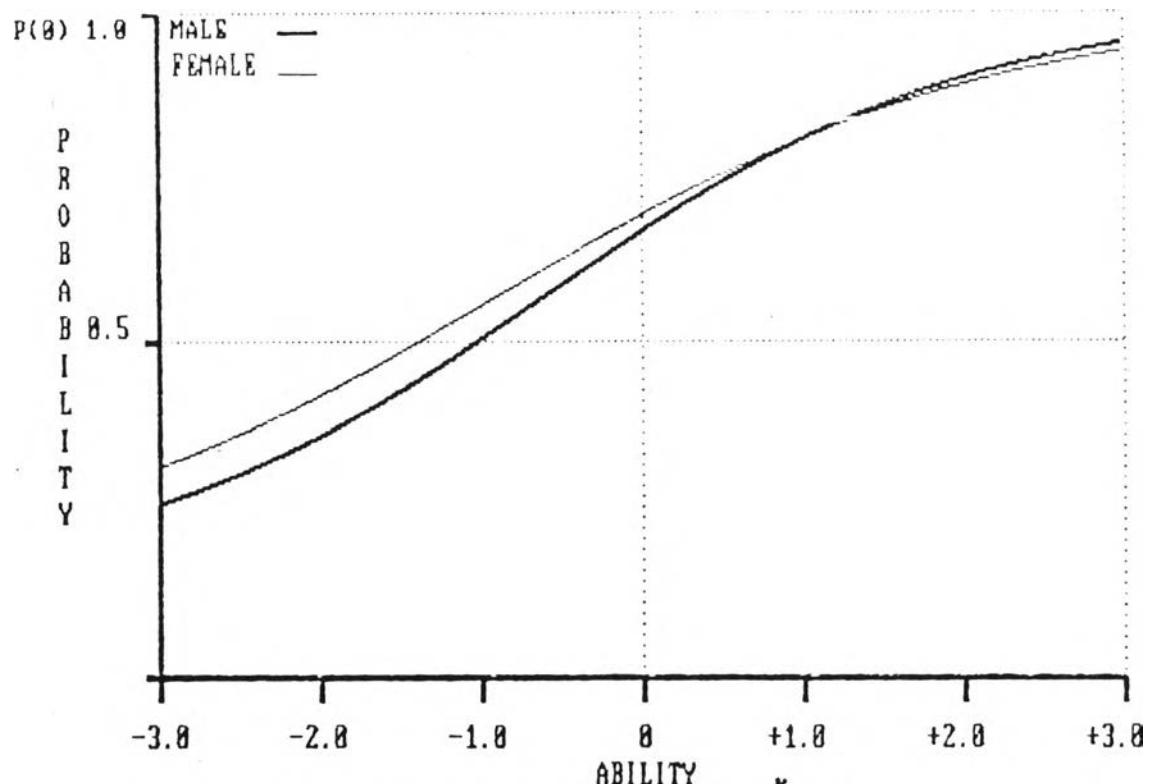


FIGURE 109 PLOT ITEM CHARACTERISTIC CURVE (1060)

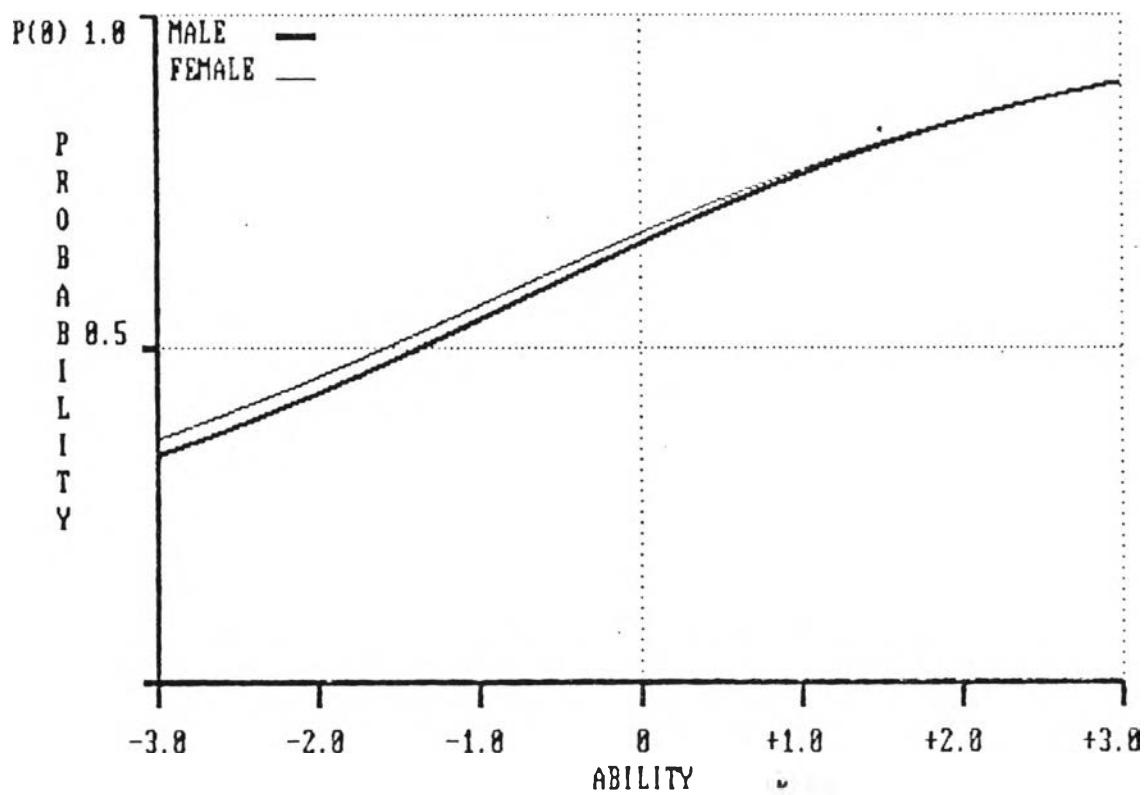


FIGURE 110 PLOT ITEM CHARACTERISTIC CURVE (1061)

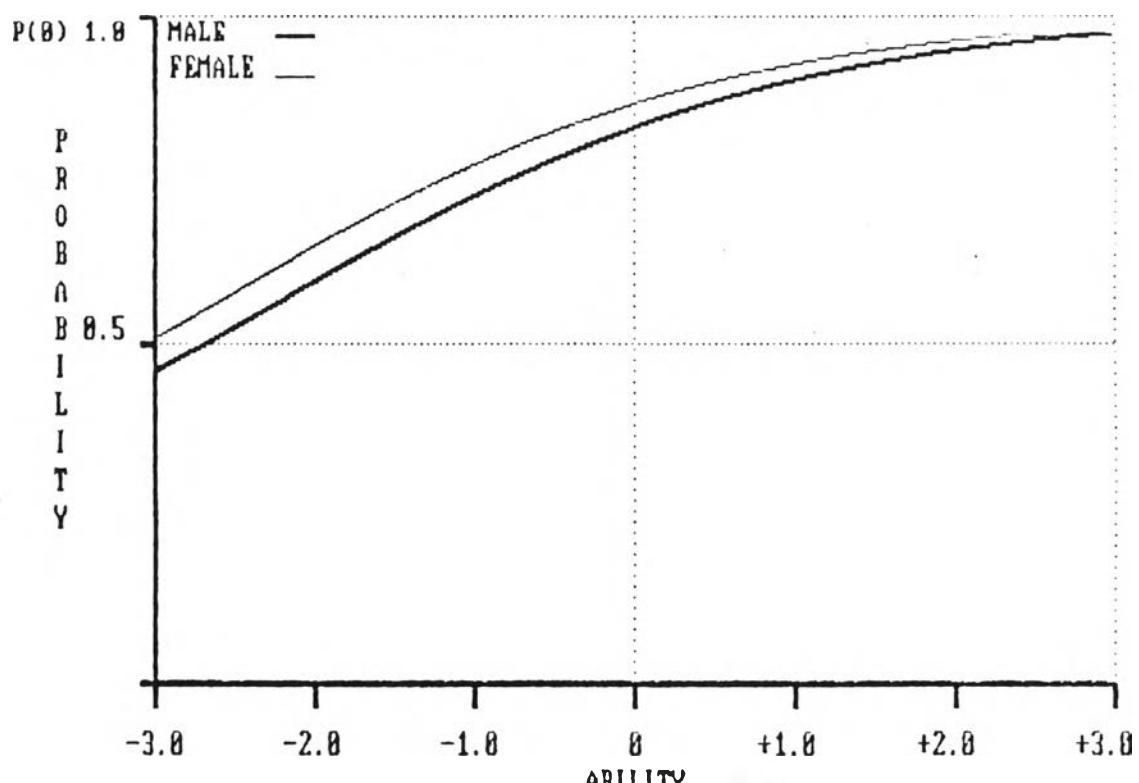


FIGURE 111 PLOT ITEM CHARACTERISTIC CURVE (n=66)

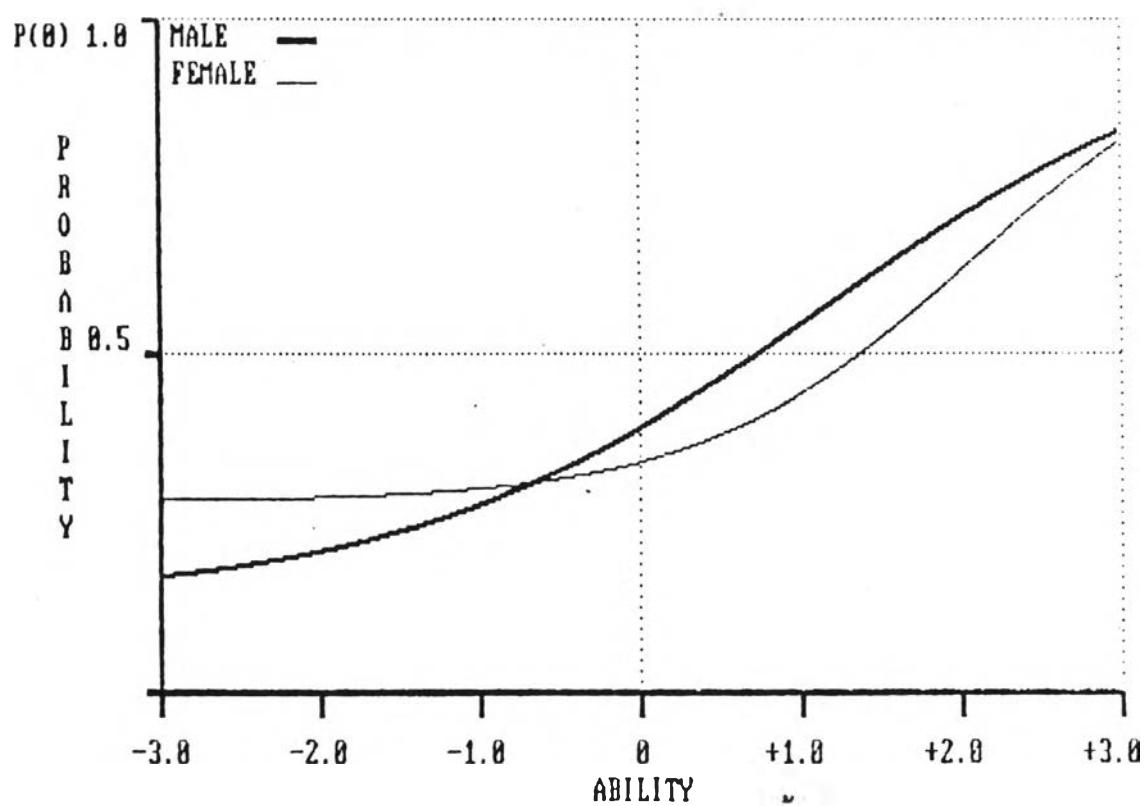


FIGURE 112 PLOT ITEM CHARACTERISTIC CURVE (n=67)

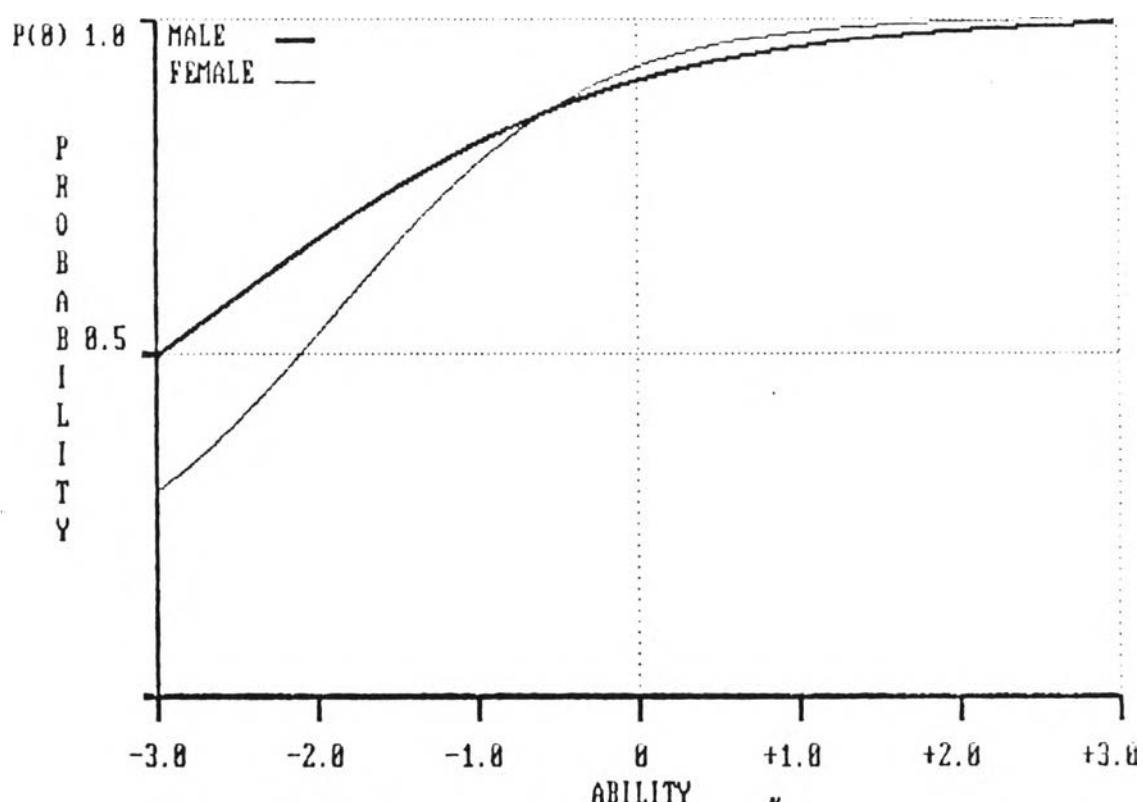


FIGURE 113 PLOT ITEM CHARACTERISTIC CURVE (n=72)

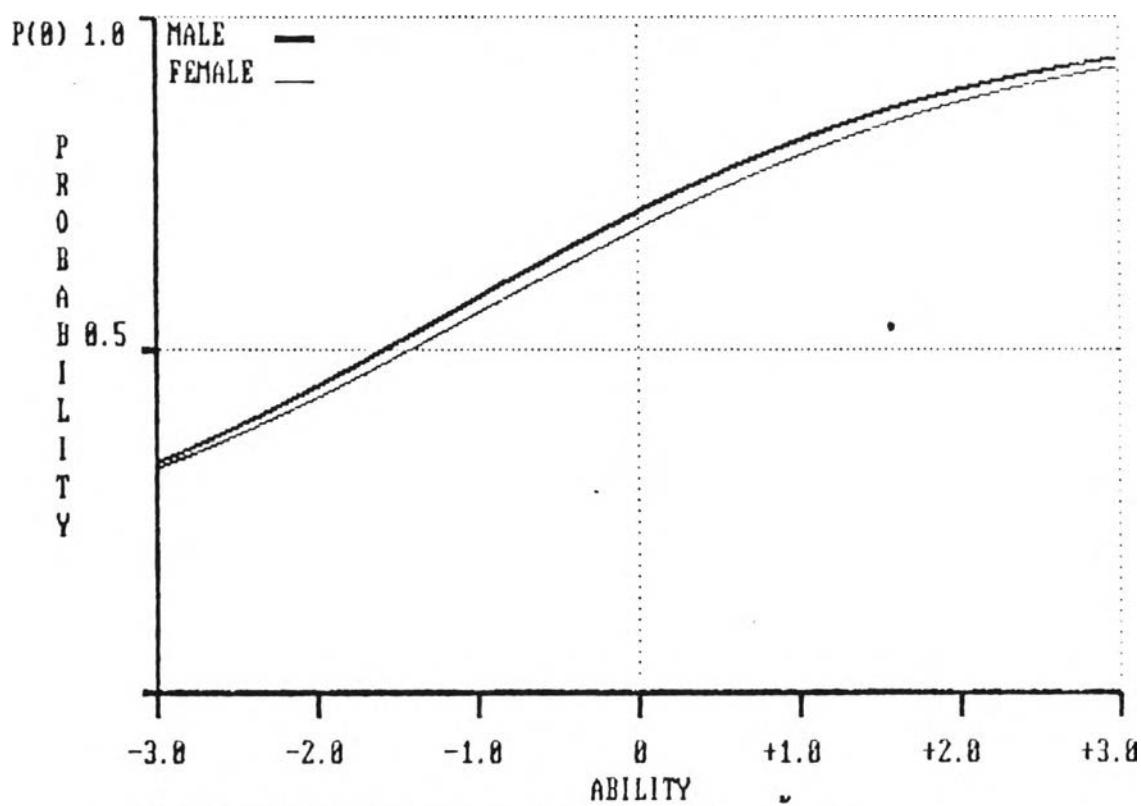


FIGURE 114 PLOT ITEM CHARACTERISTIC CURVE (n=75)

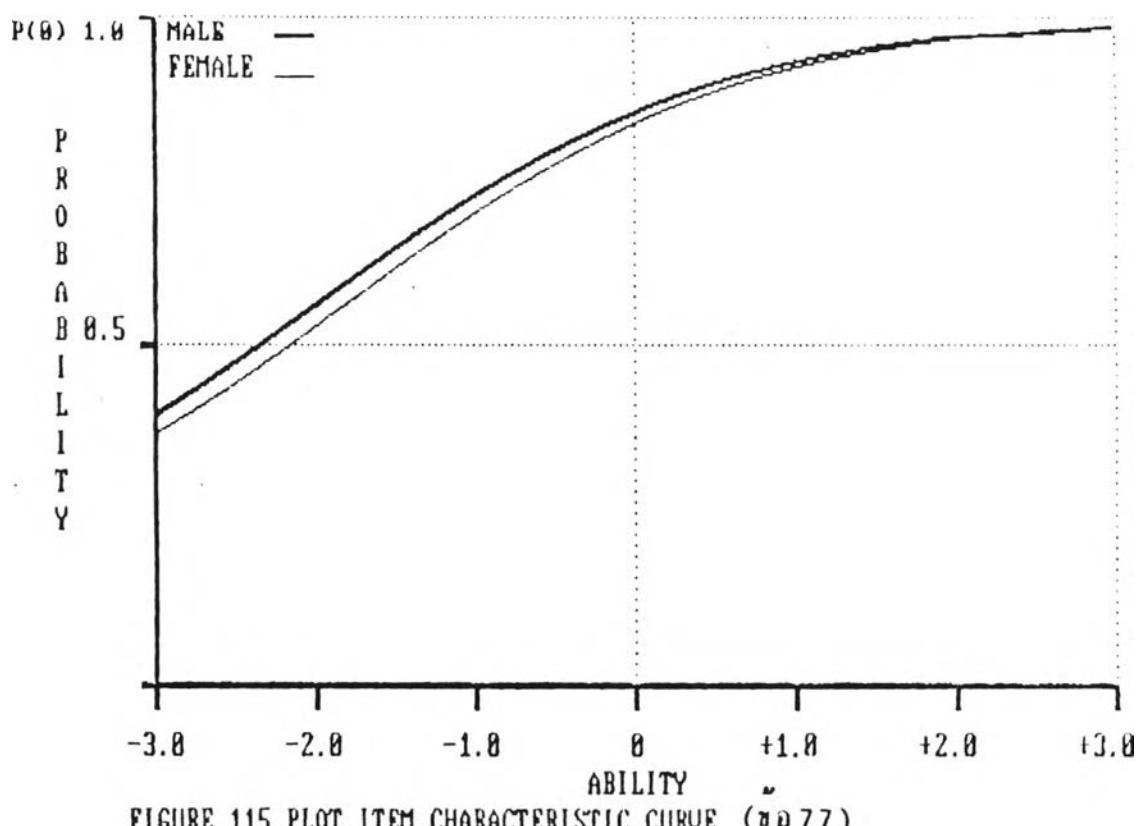


FIGURE 115 PLOT ITEM CHARACTERISTIC CURVE (n=77)

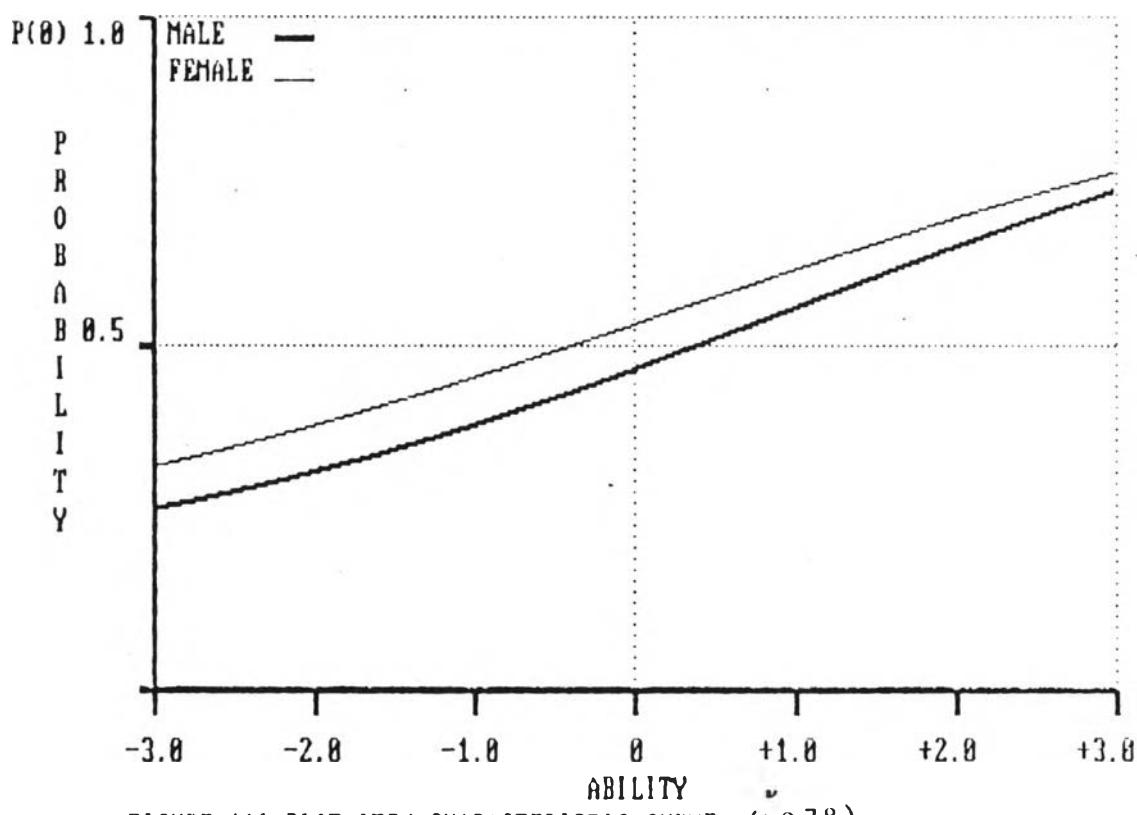


FIGURE 116 PLOT ITEM CHARACTERISTIC CURVE (n=78)

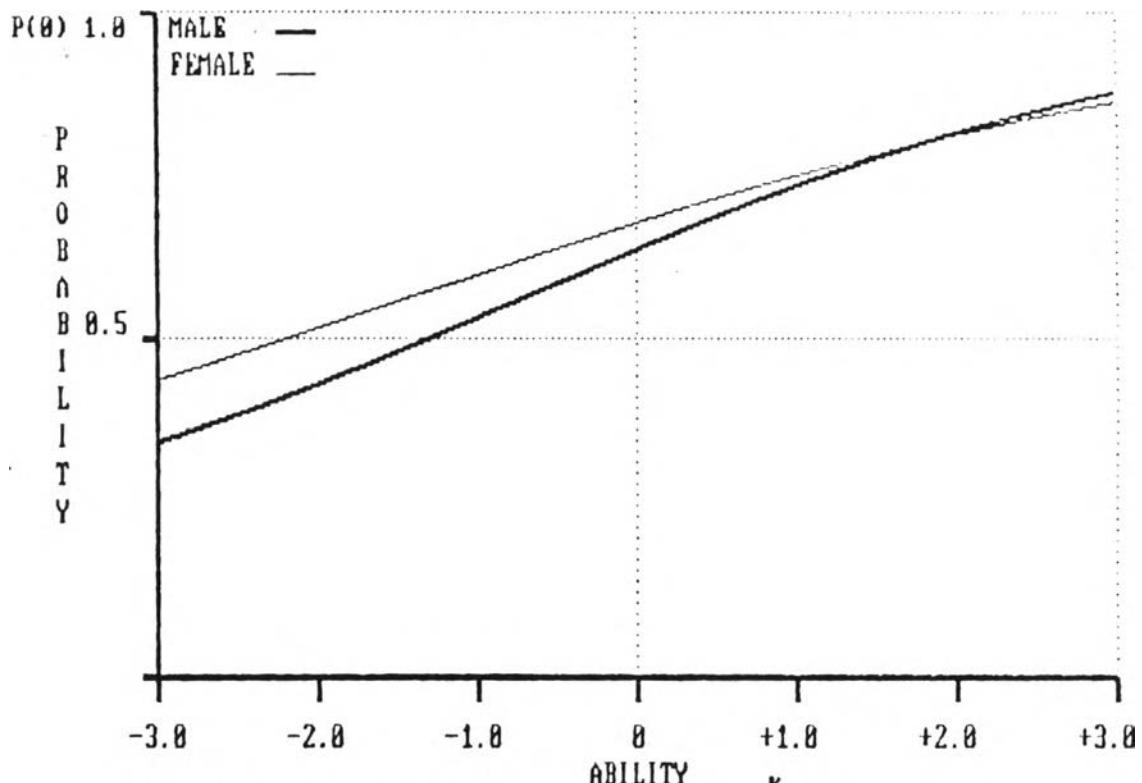


FIGURE 117 PLOT ITEM CHARACTERISTIC CURVE (1979)

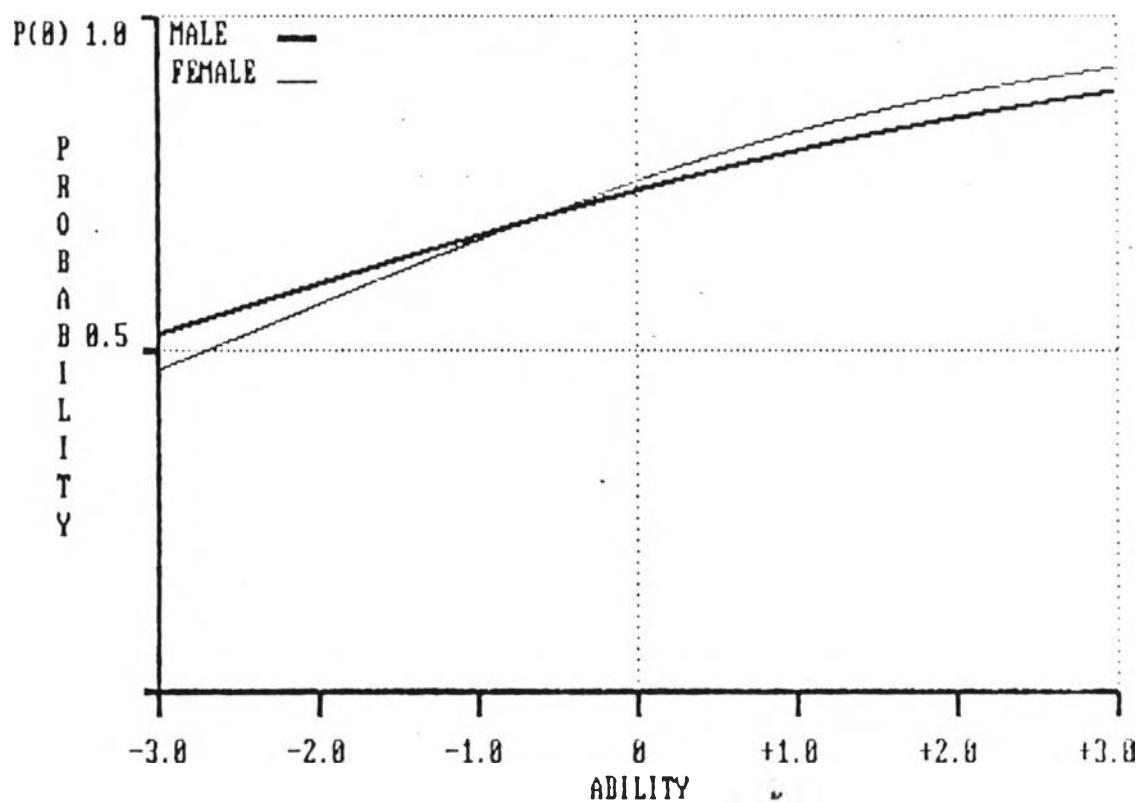


FIGURE 118 PLOT ITEM CHARACTERISTIC CURVE (1980)

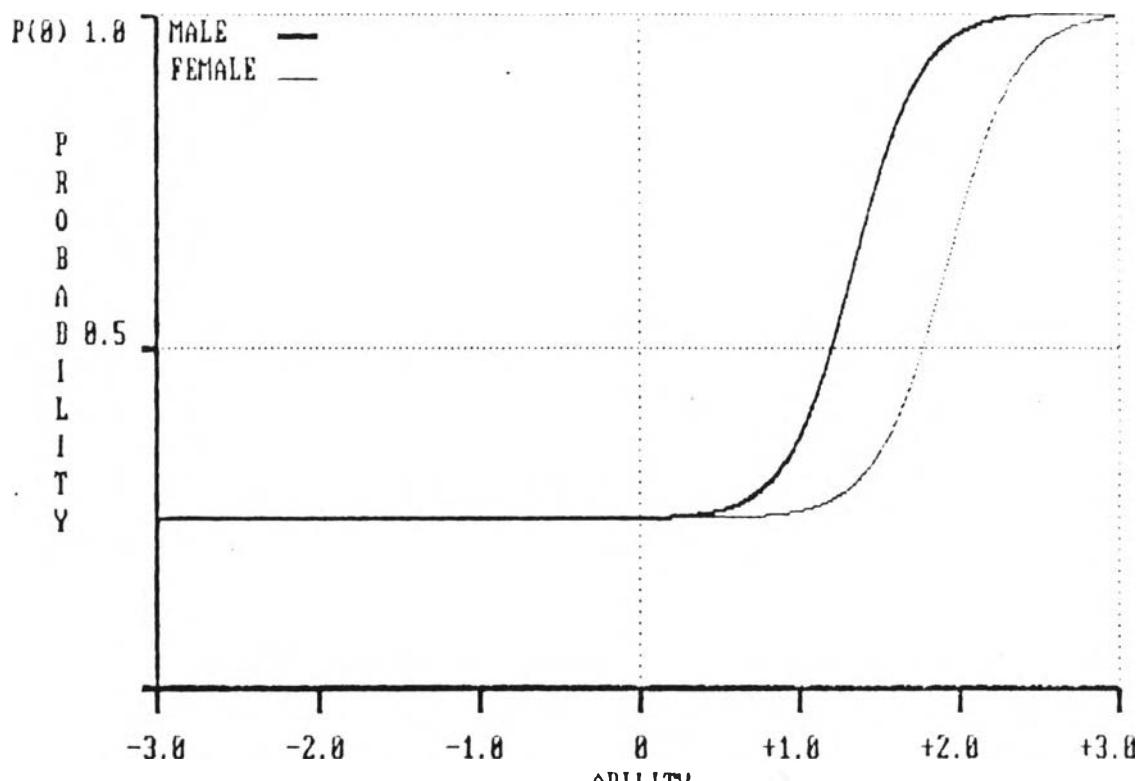


FIGURE 119 PLOT ITEM CHARACTERISTIC CURVE (n=81)

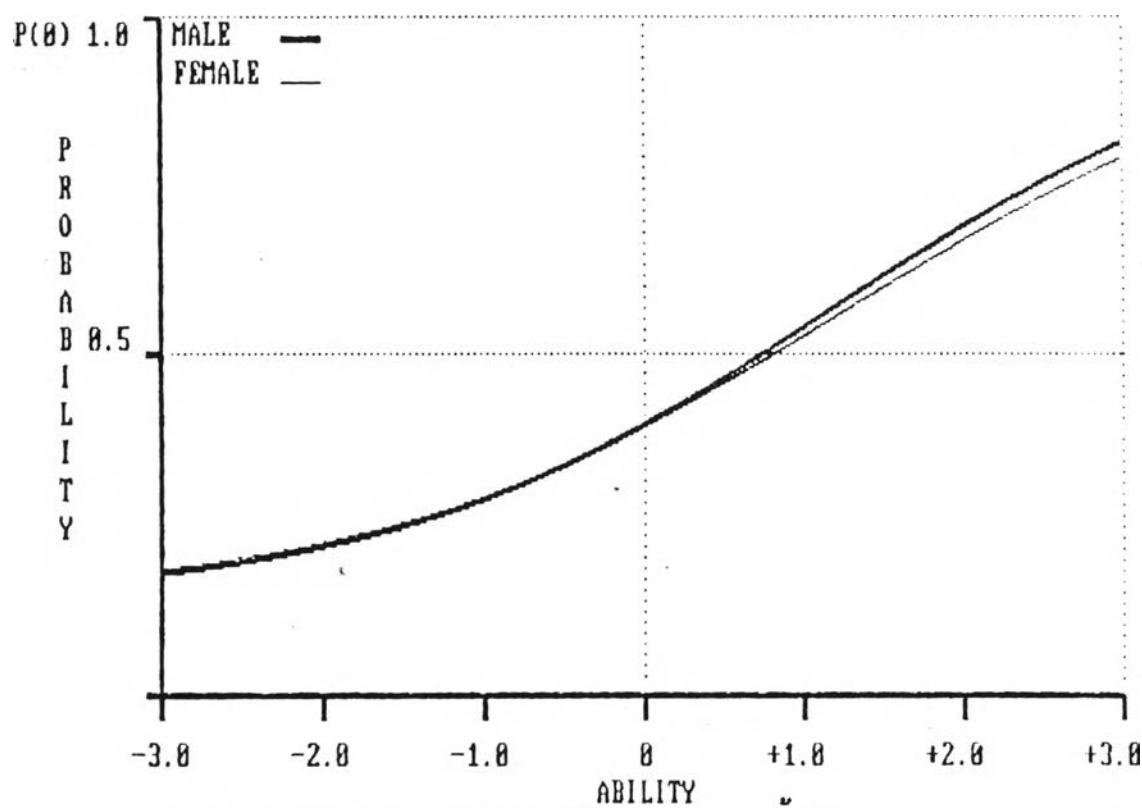


FIGURE 120 PLOT ITEM CHARACTERISTIC CURVE (n=84)

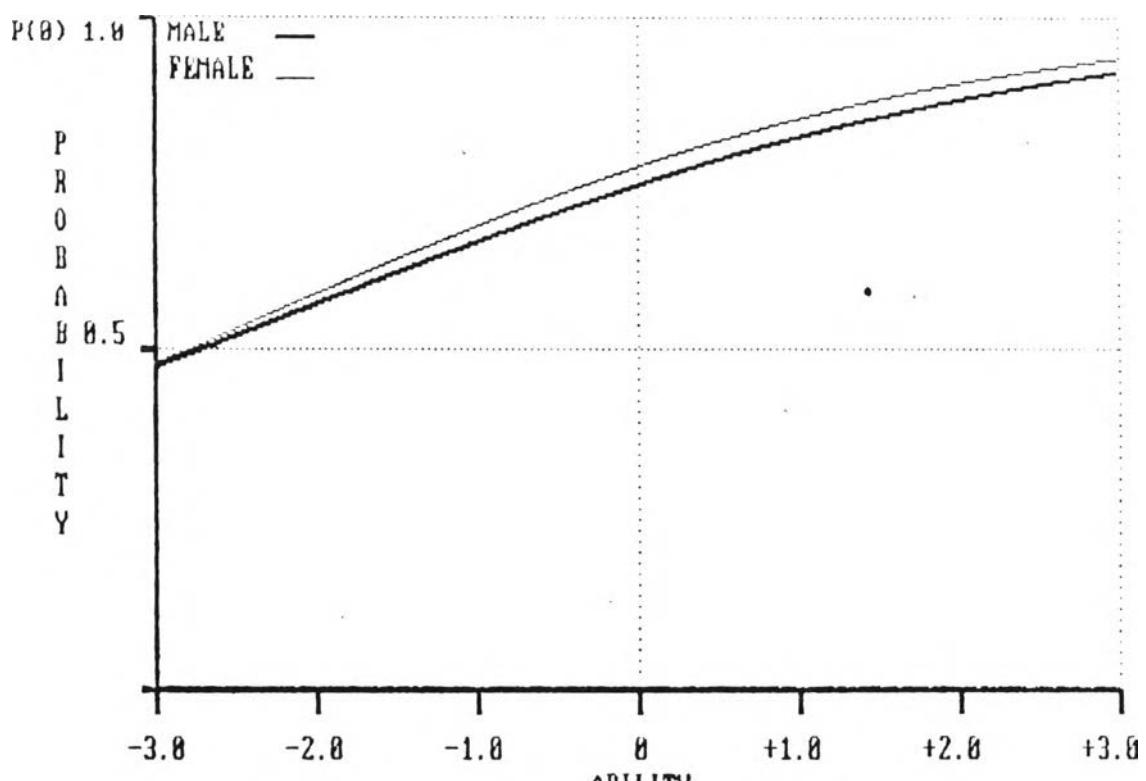


FIGURE 121 PLOT ITEM CHARACTERISTIC CURVE (n=86)

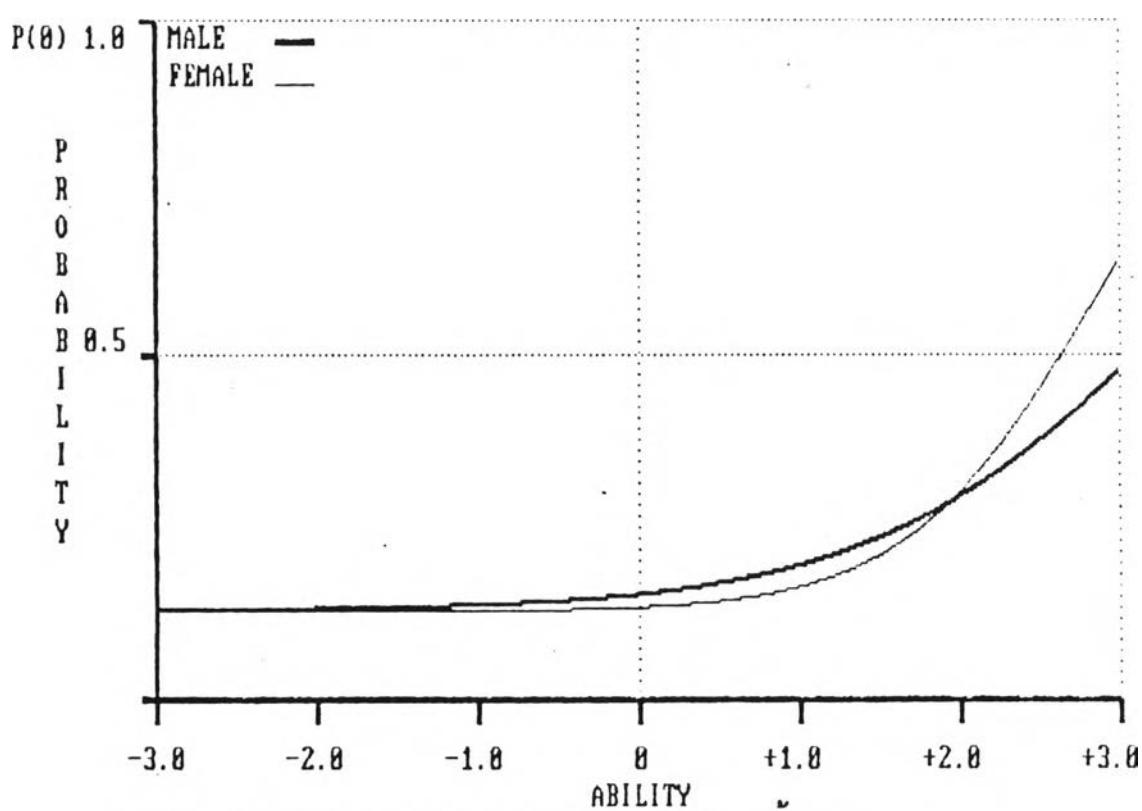


FIGURE 122 PLOT ITEM CHARACTERISTIC CURVE (n=87)

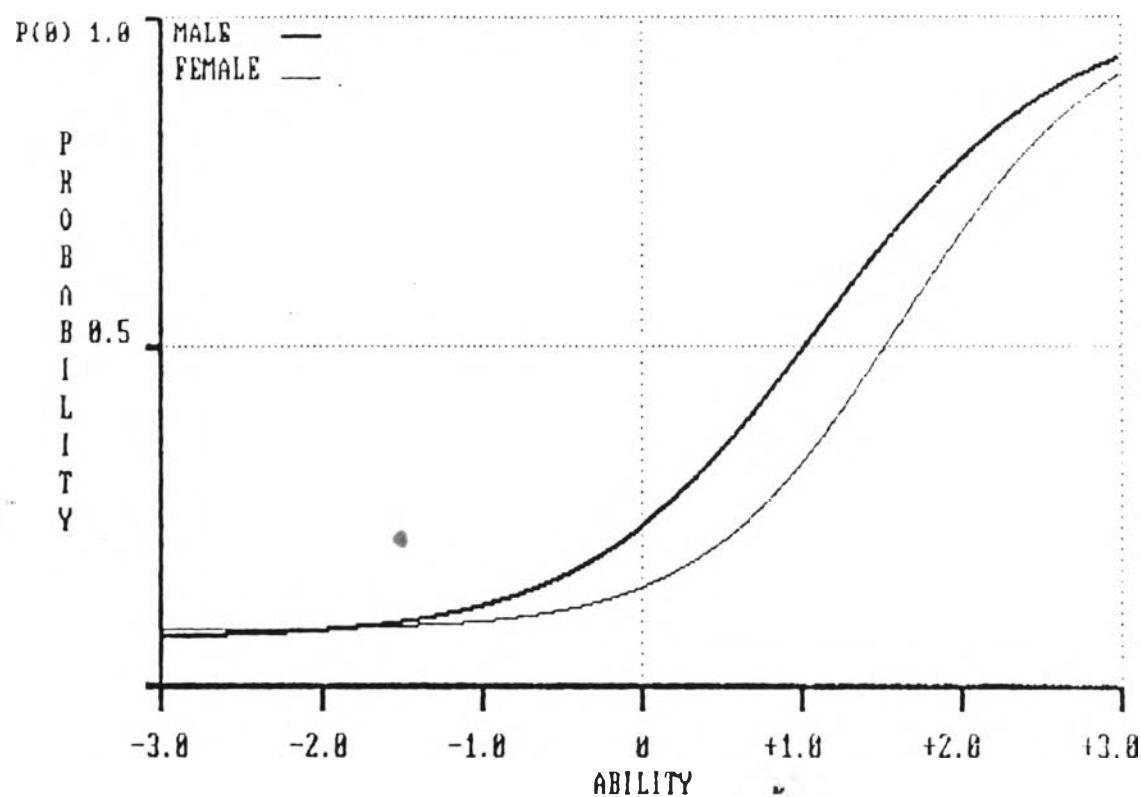


FIGURE 123 PLOT ITEM CHARACTERISTIC CURVE (n=88)

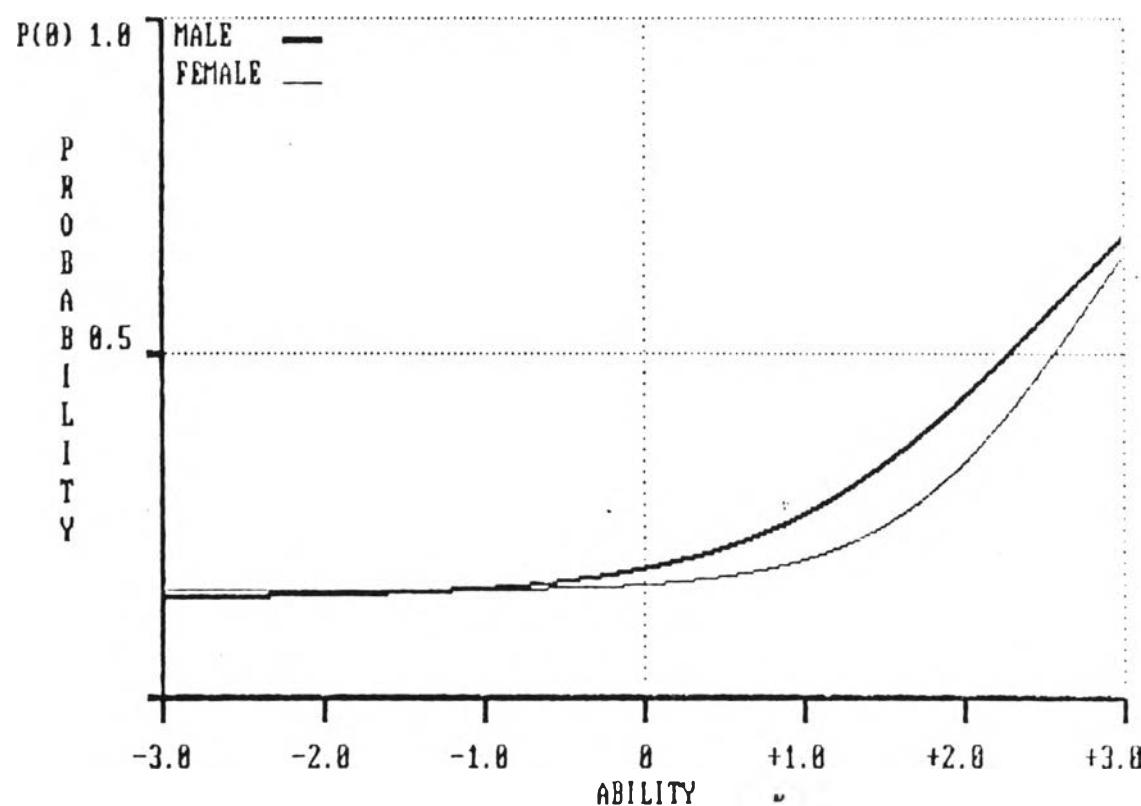
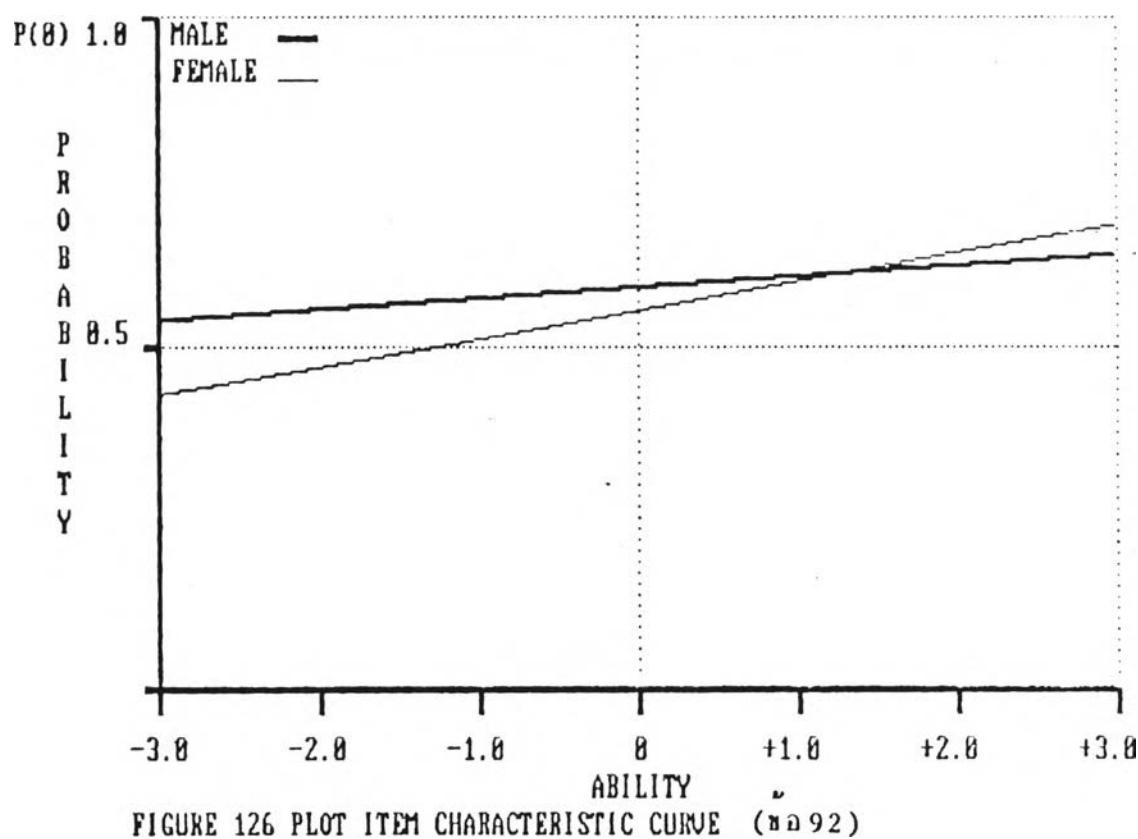
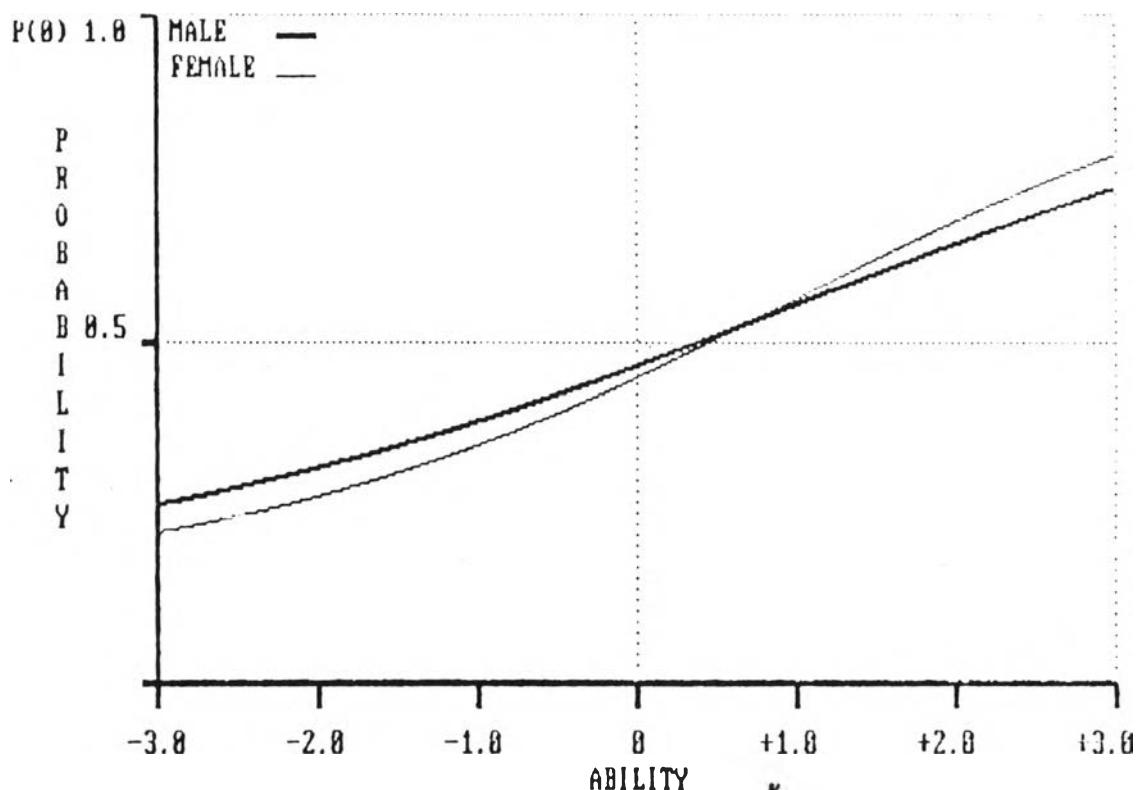
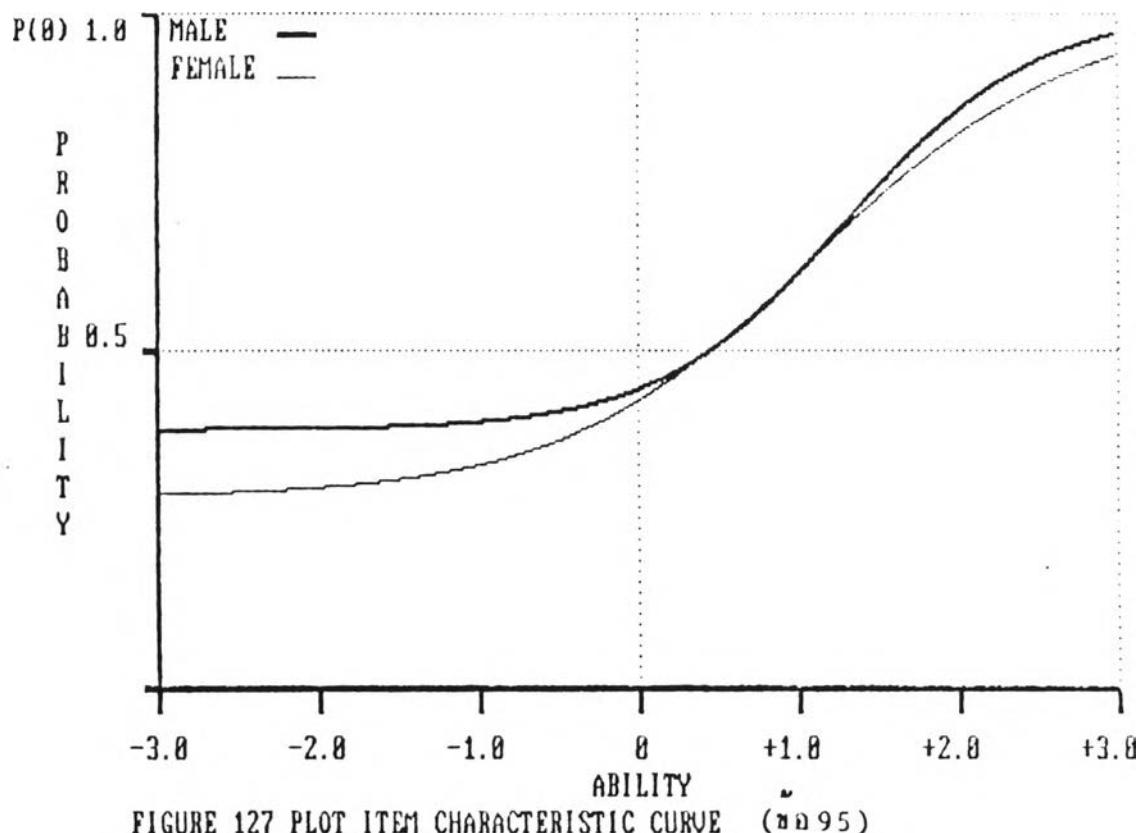
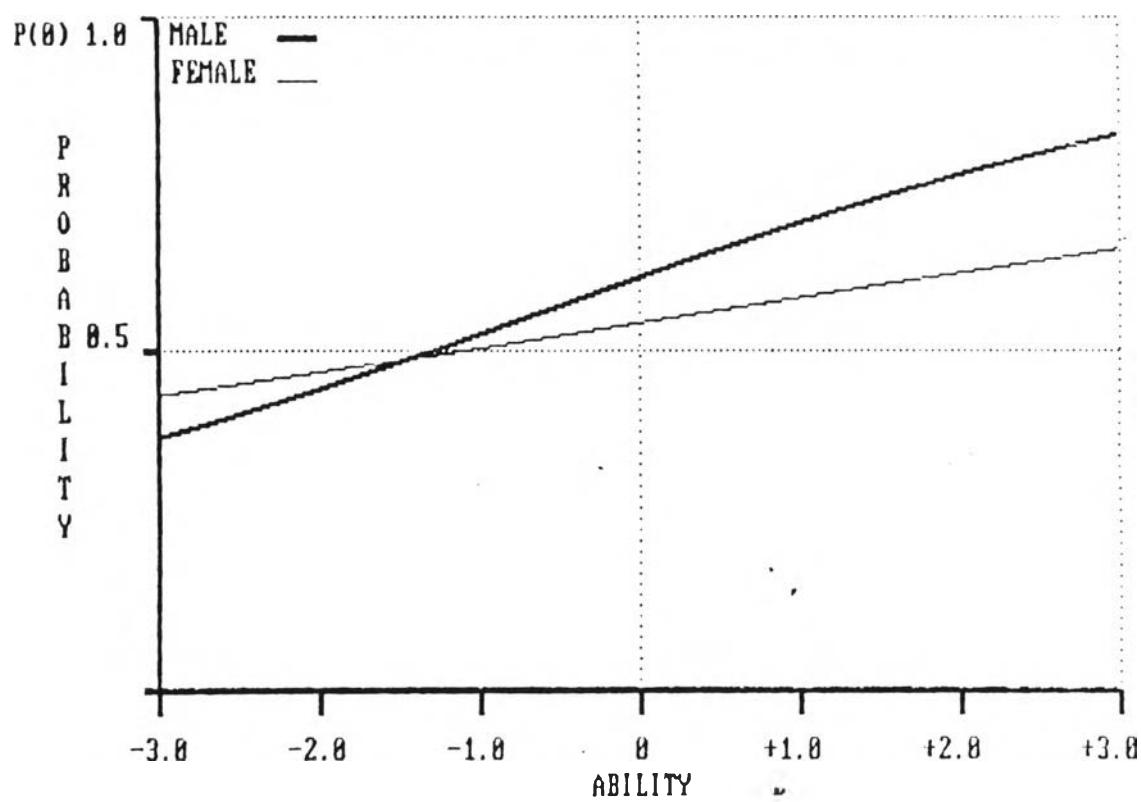


FIGURE 124 PLOT ITEM CHARACTERISTIC CURVE (n=90)



FIGURE 127 PLOT ITEM CHARACTERISTIC CURVE ( $n=95$ )FIGURE 128 PLOT ITEM CHARACTERISTIC CURVE ( $n=96$ )

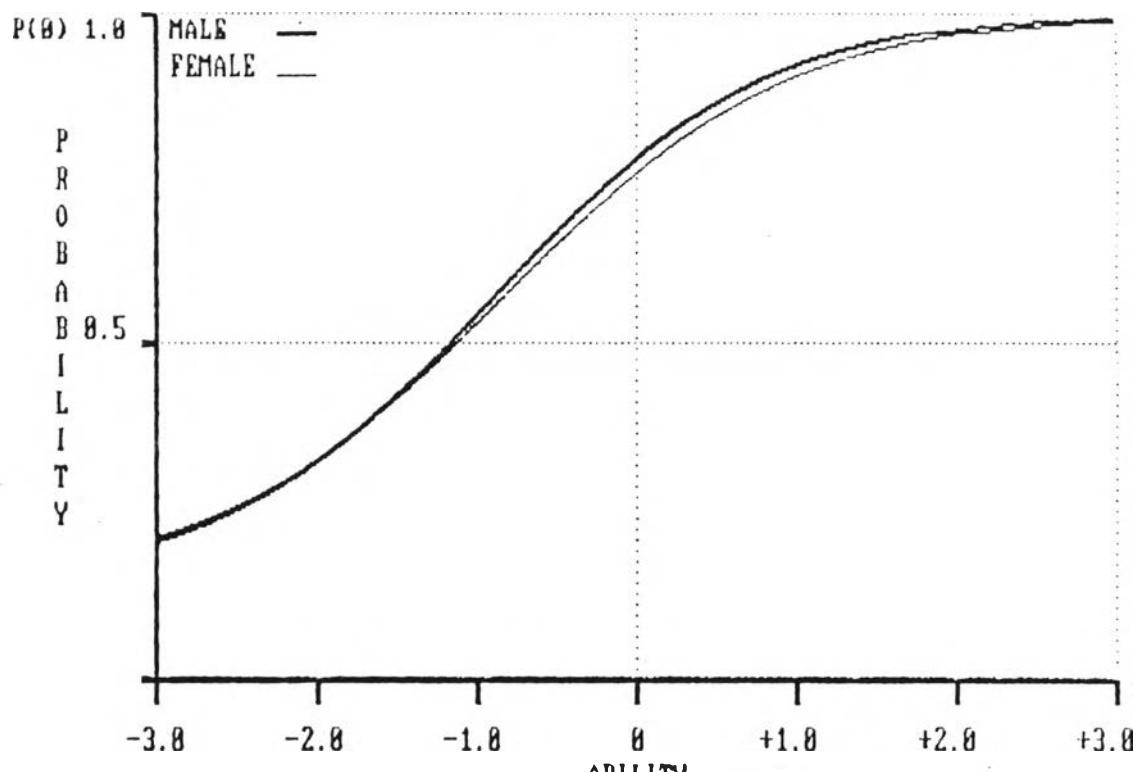


FIGURE 129 PLOT ITEM CHARACTERISTIC CURVE (n=97)

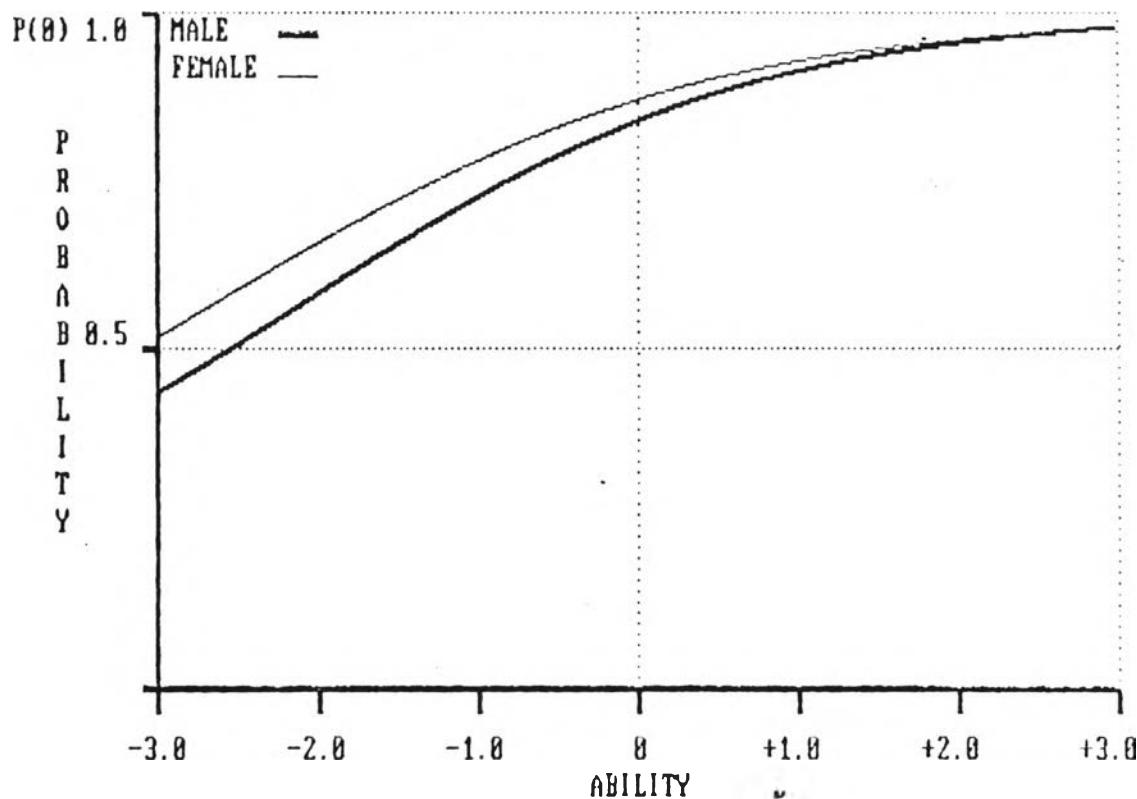


FIGURE 130 PLOT ITEM CHARACTERISTIC CURVE (n=99)

ໄດ້ງລັກຜະນະຂ້ອສອນຈາກພະນະລວມແນ້ນທີ 3

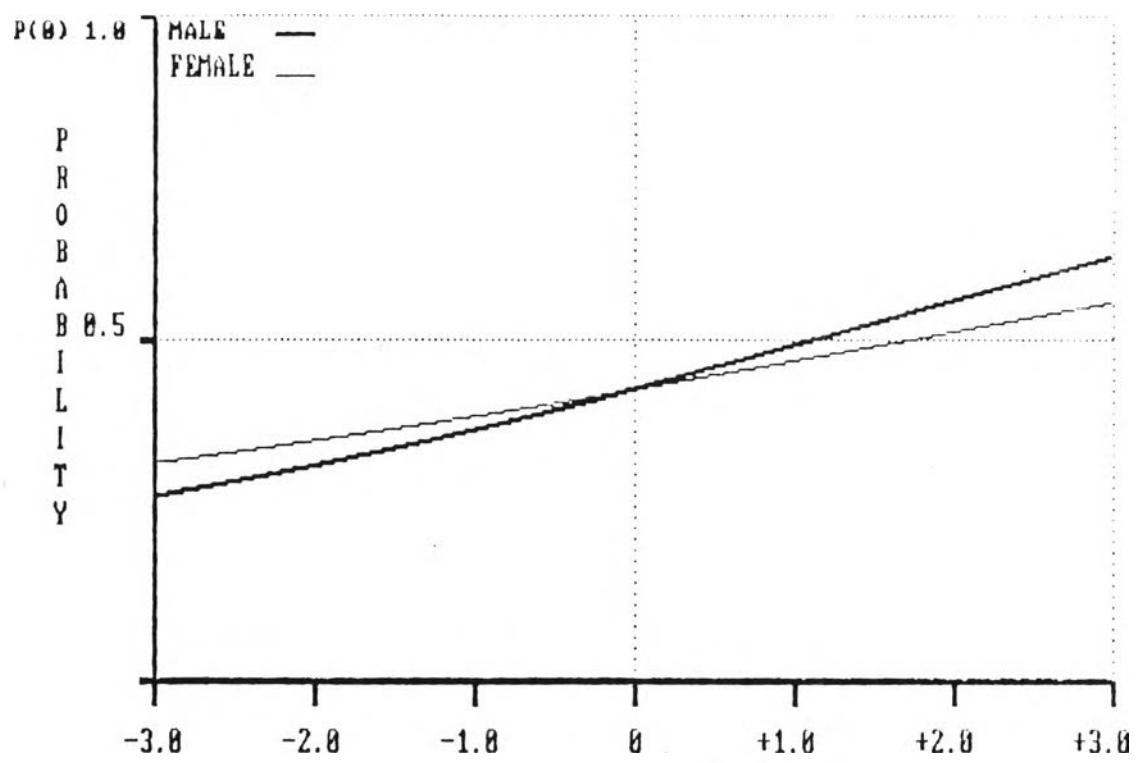


FIGURE 131 PLOT ITEM CHARACTERISTIC CURVE (var 1)

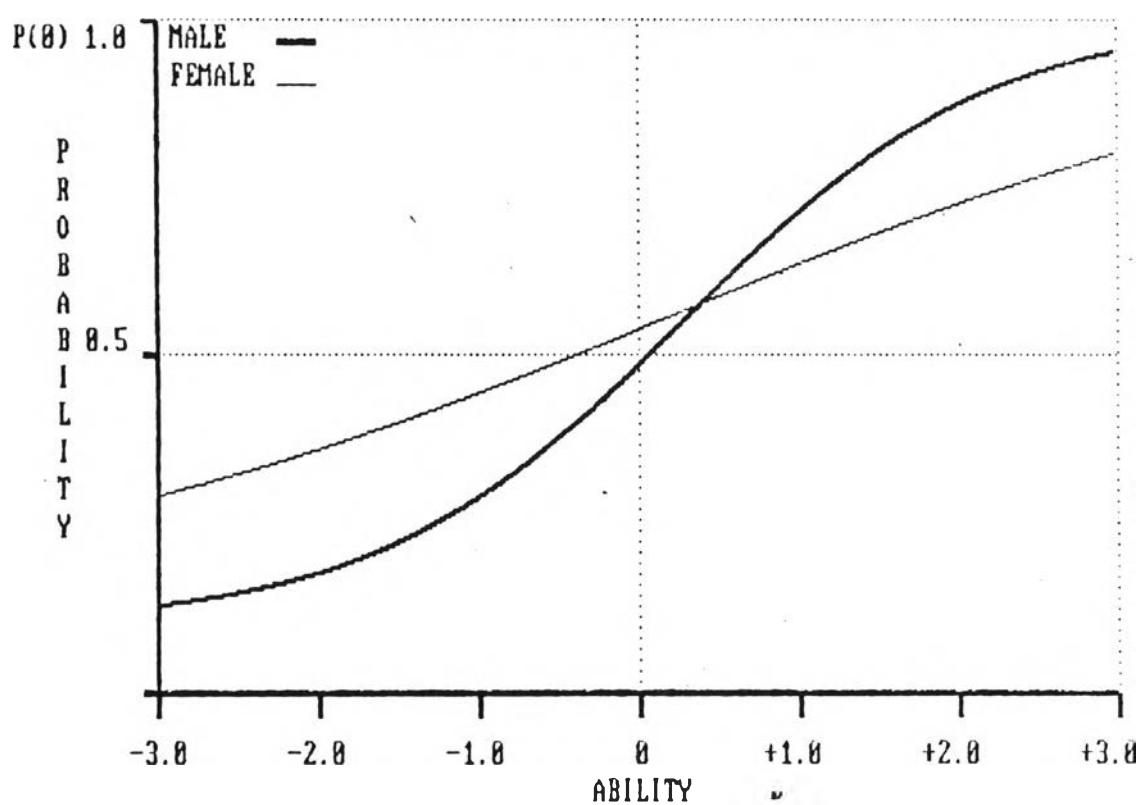


FIGURE 132 PLOT ITEM CHARACTERISTIC CURVE (var 2)

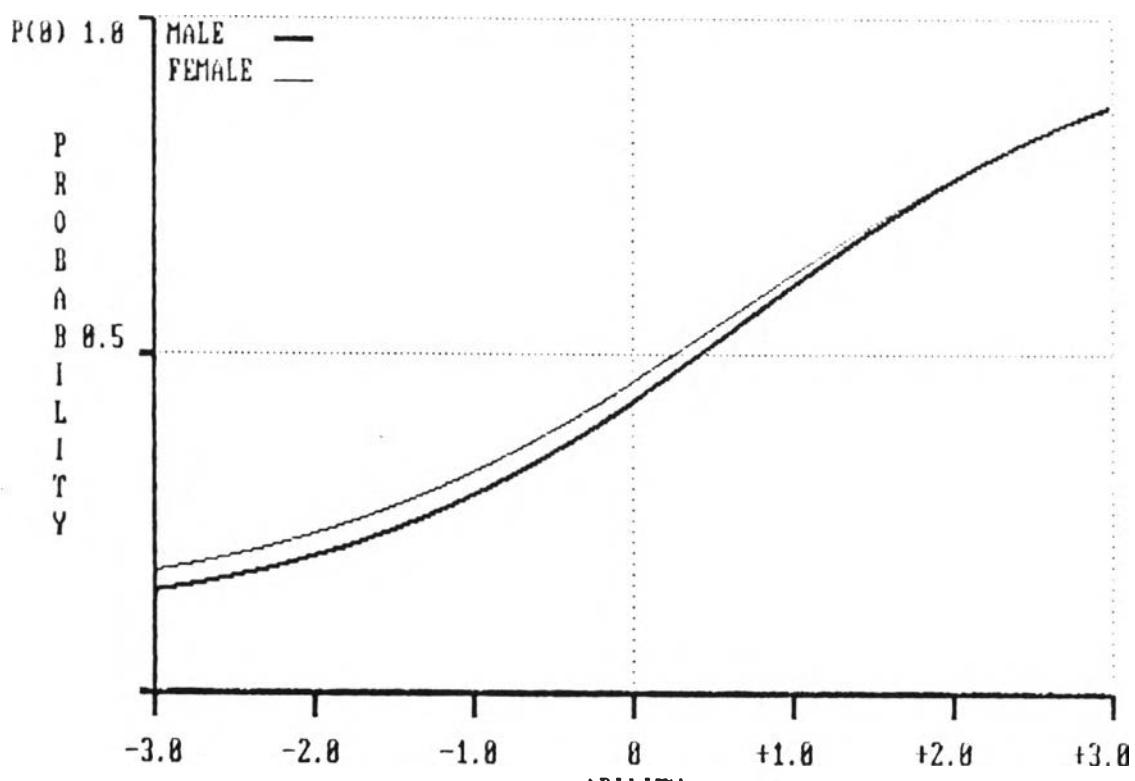


FIGURE 133 PLOT ITEM CHARACTERISTIC CURVE (var 3)

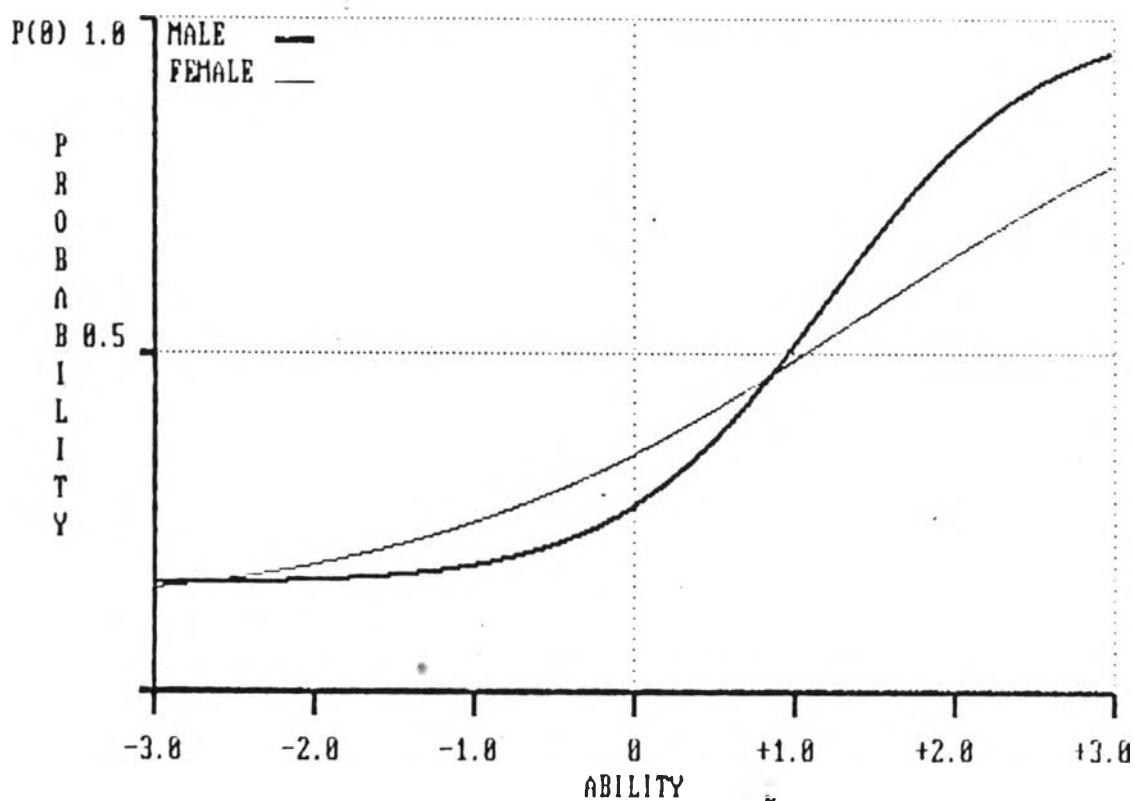


FIGURE 134 PLOT ITEM CHARACTERISTIC CURVE (var 4)

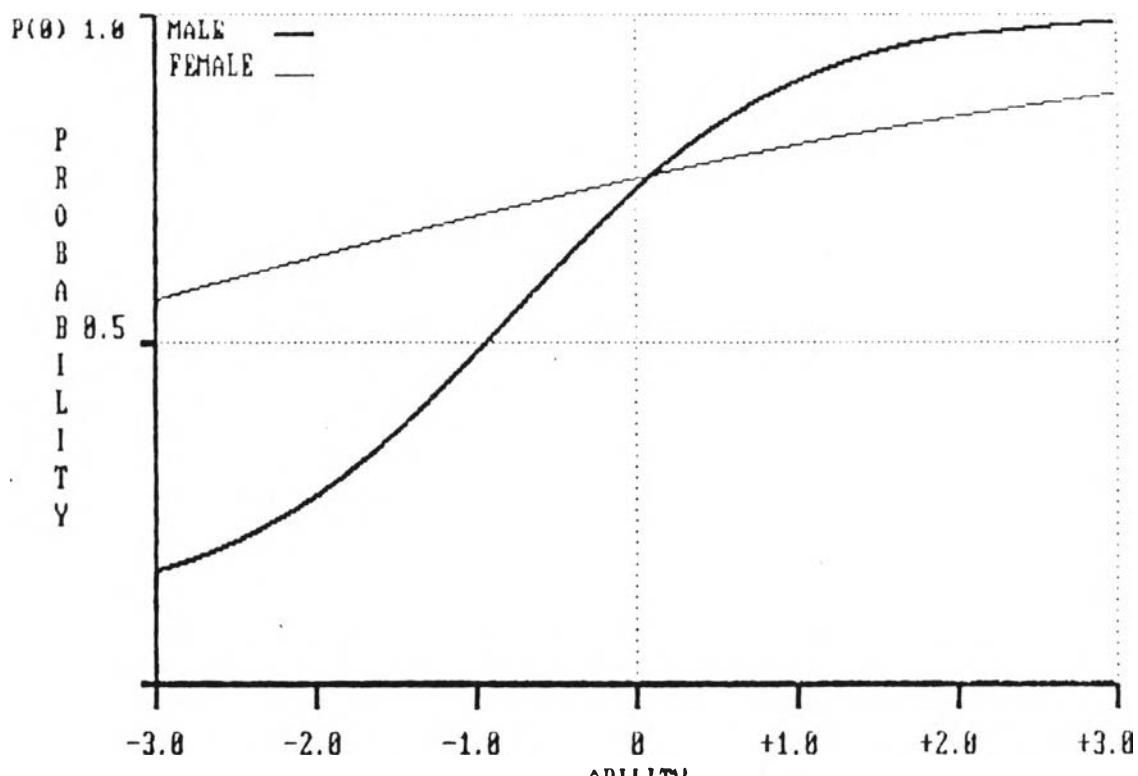


FIGURE 135 PLOT ITEM CHARACTERISTIC CURVE (v05)

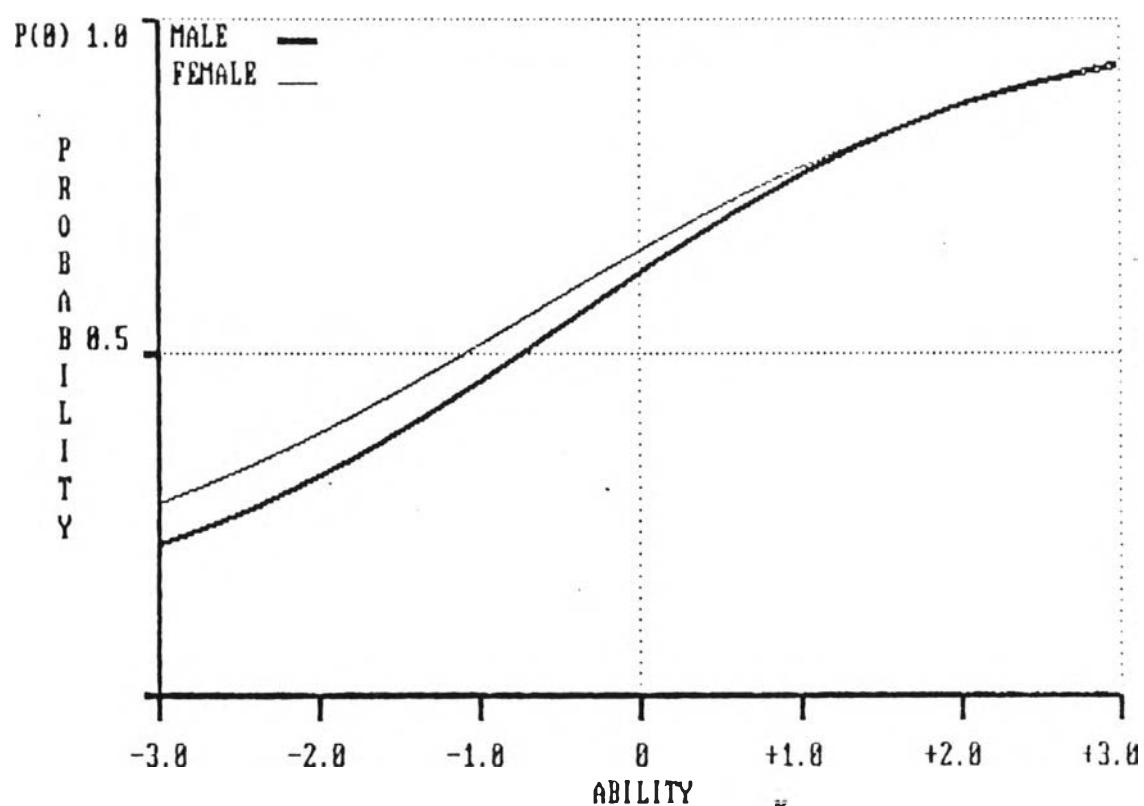


FIGURE 136 PLOT ITEM CHARACTERISTIC CURVE (v07)

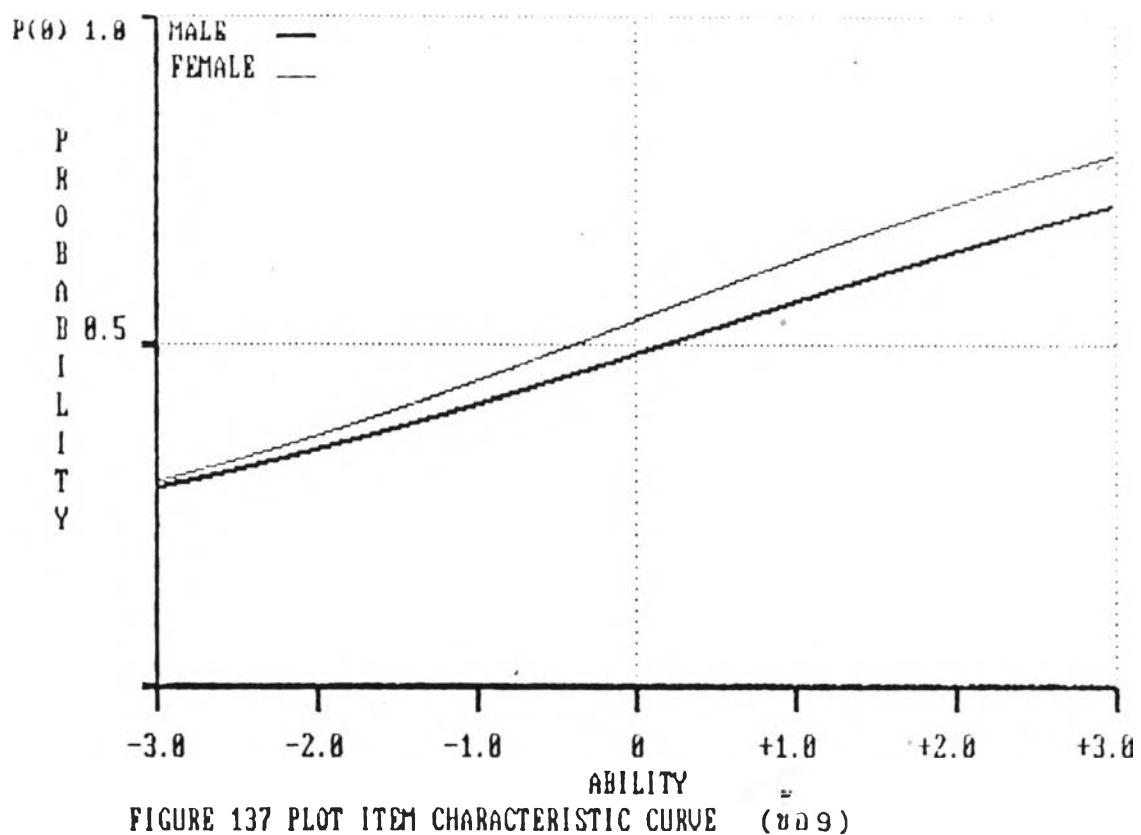


FIGURE 137 PLOT ITEM CHARACTERISTIC CURVE (u09)

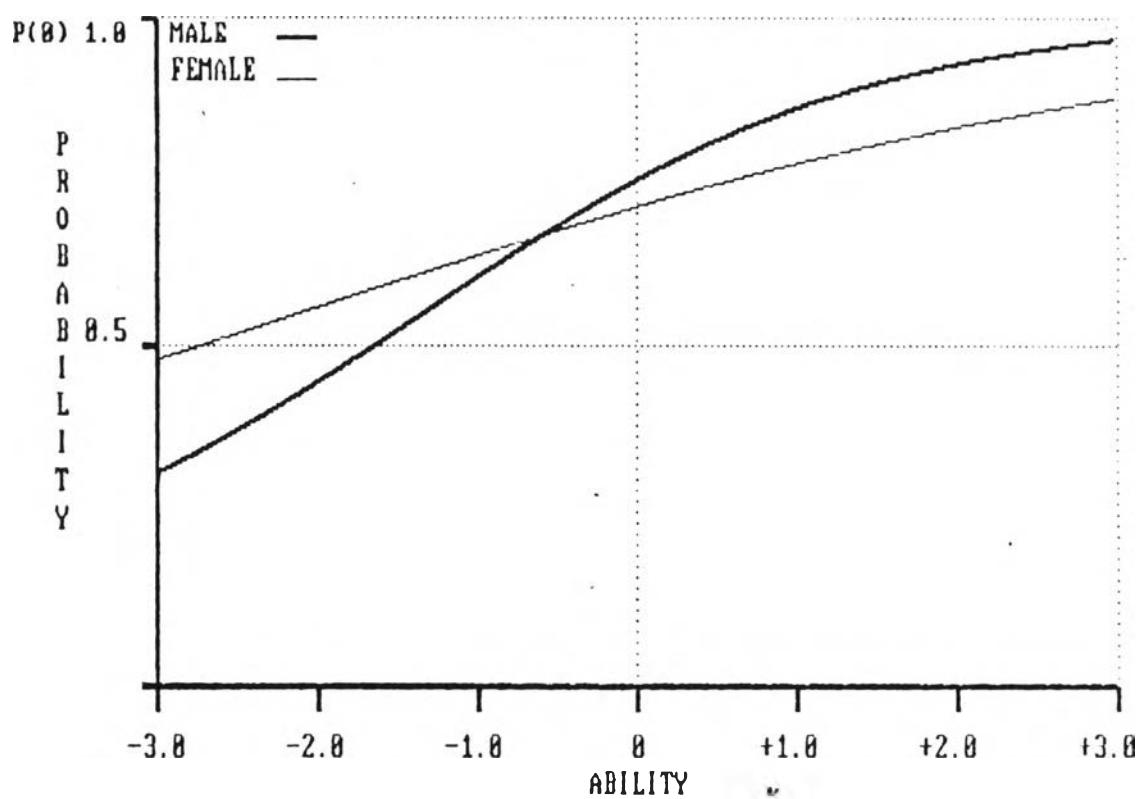


FIGURE 138 PLOT ITEM CHARACTERISTIC CURVE (u010)

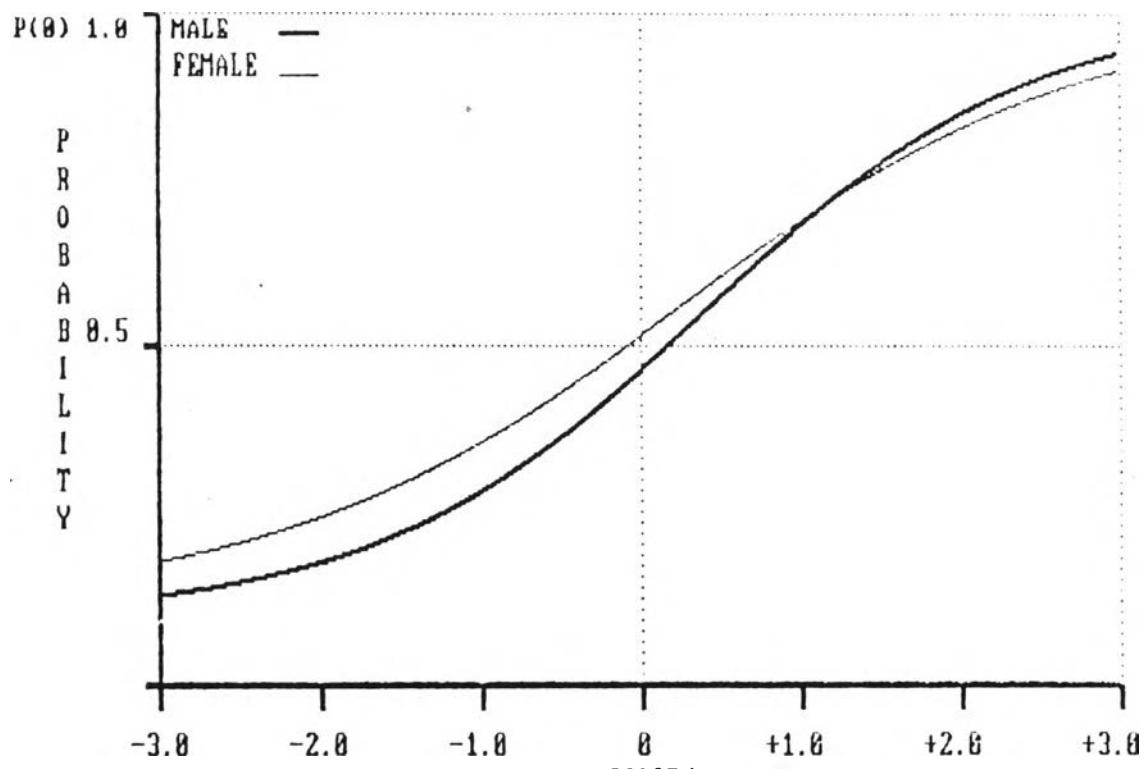


FIGURE 139 PLOT ITEM CHARACTERISTIC CURVE (n=11)

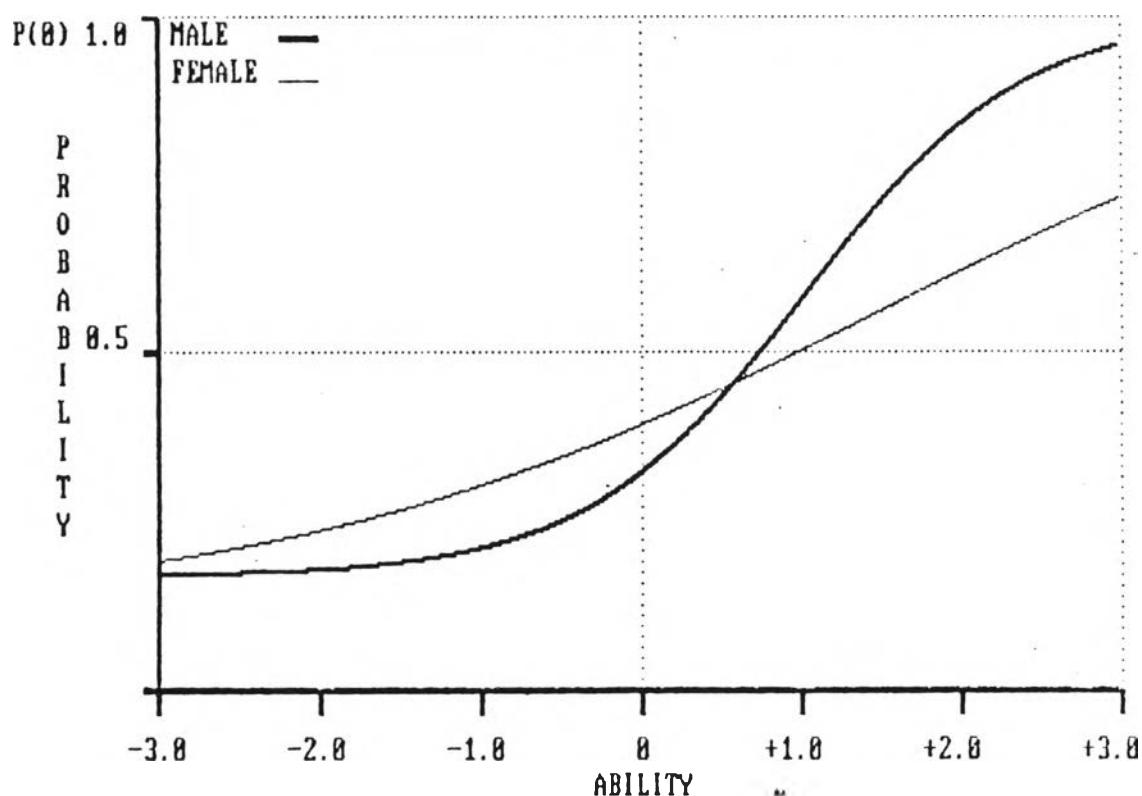


FIGURE 140 PLOT ITEM CHARACTERISTIC CURVE (n=12)

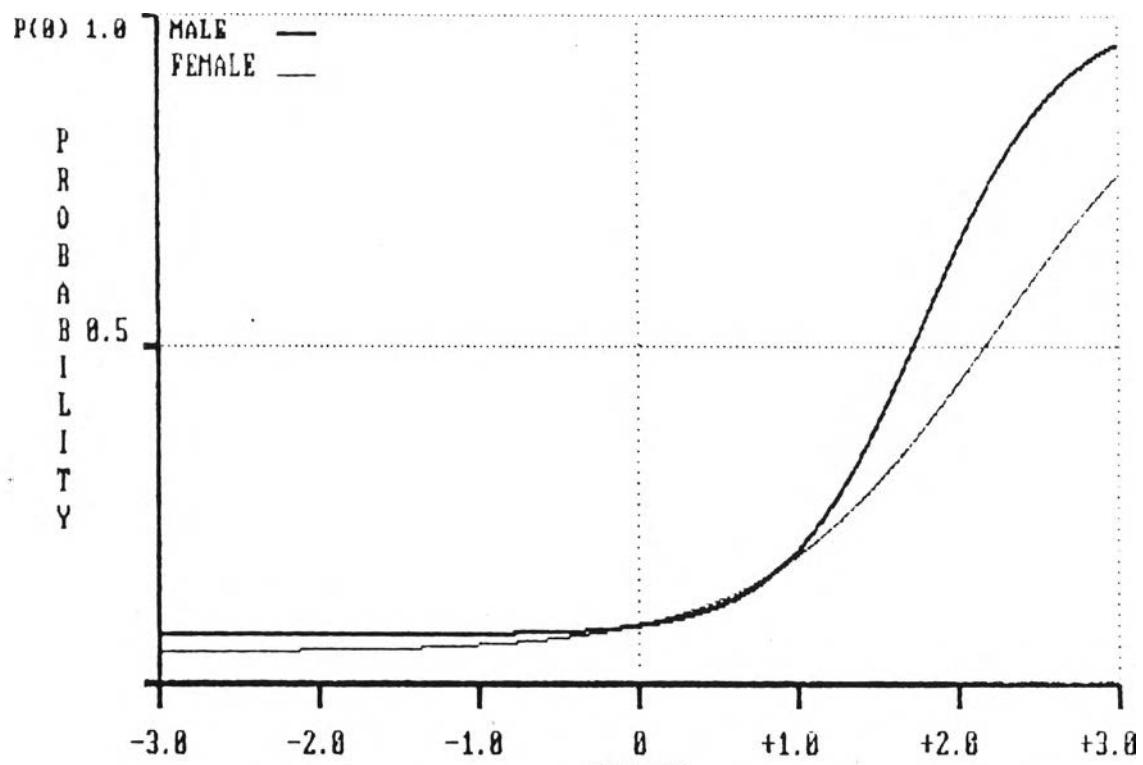


FIGURE 141 PLOT ITEM CHARACTERISTIC CURVE (n=13)

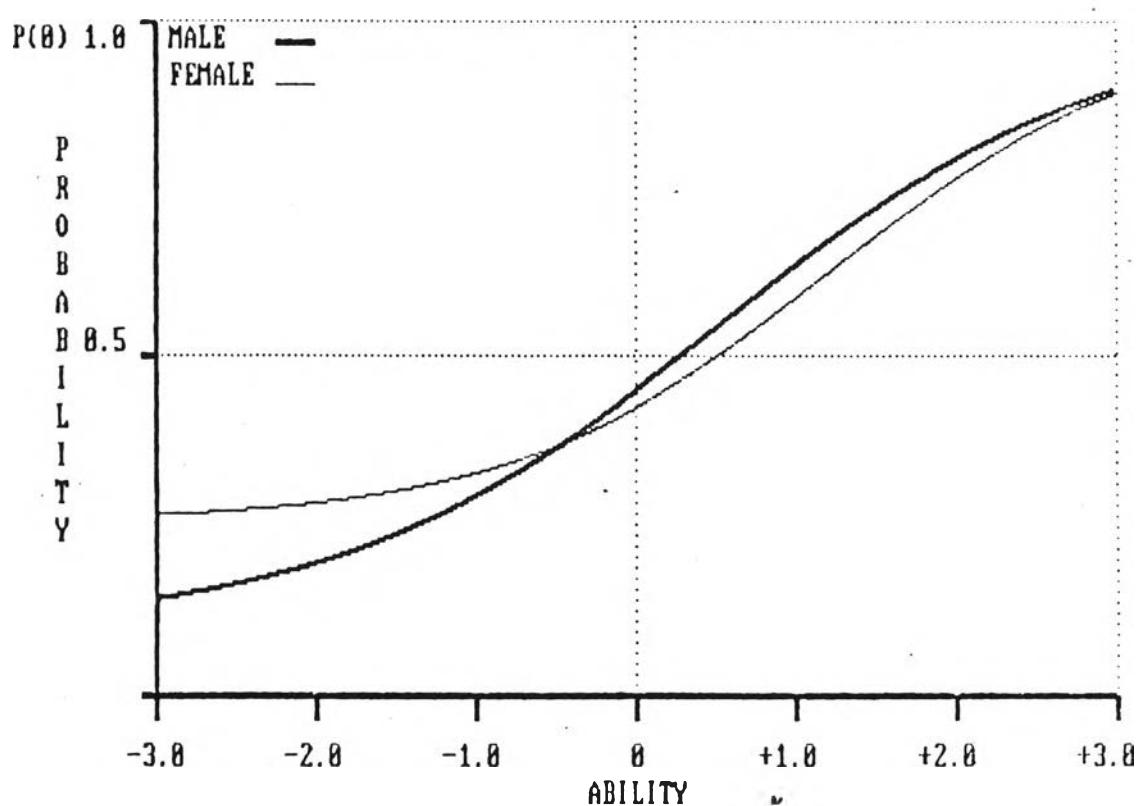


FIGURE 142 PLOT ITEM CHARACTERISTIC CURVE (n=14)

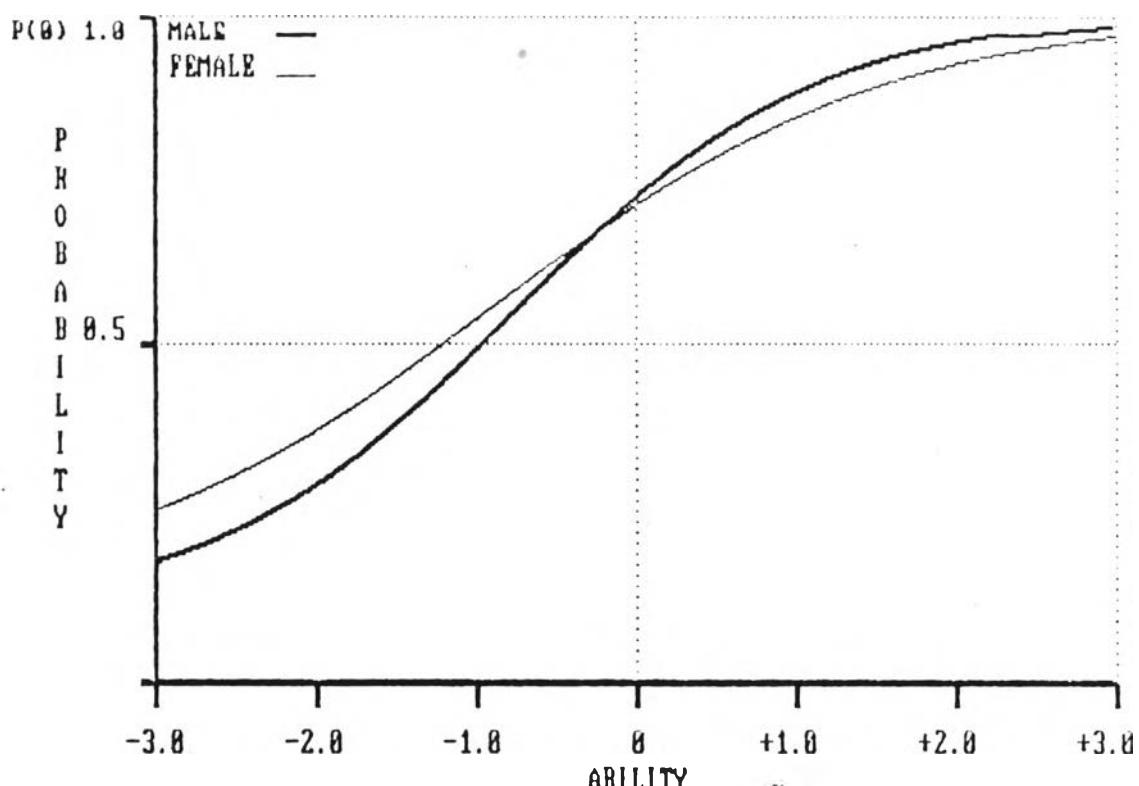


FIGURE 143 PLOT ITEM CHARACTERISTIC CURVE (n=15)

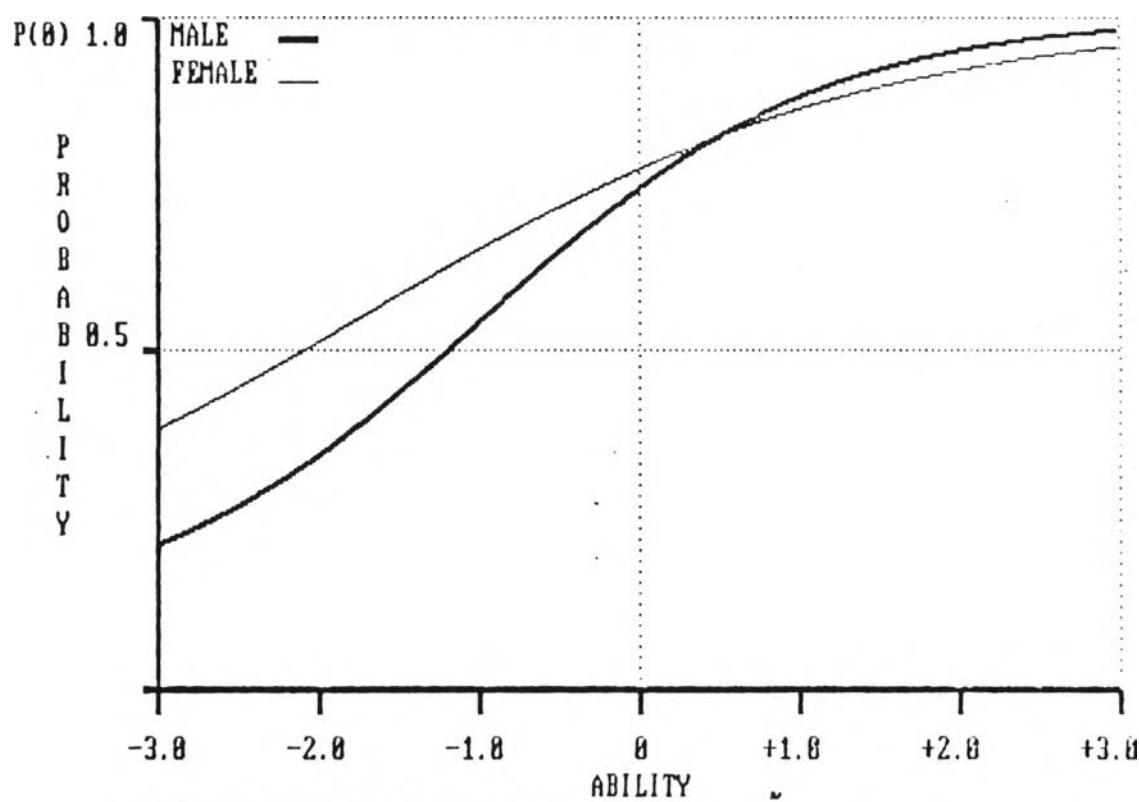


FIGURE 144 PLOT ITEM CHARACTERISTIC CURVE (n=16)

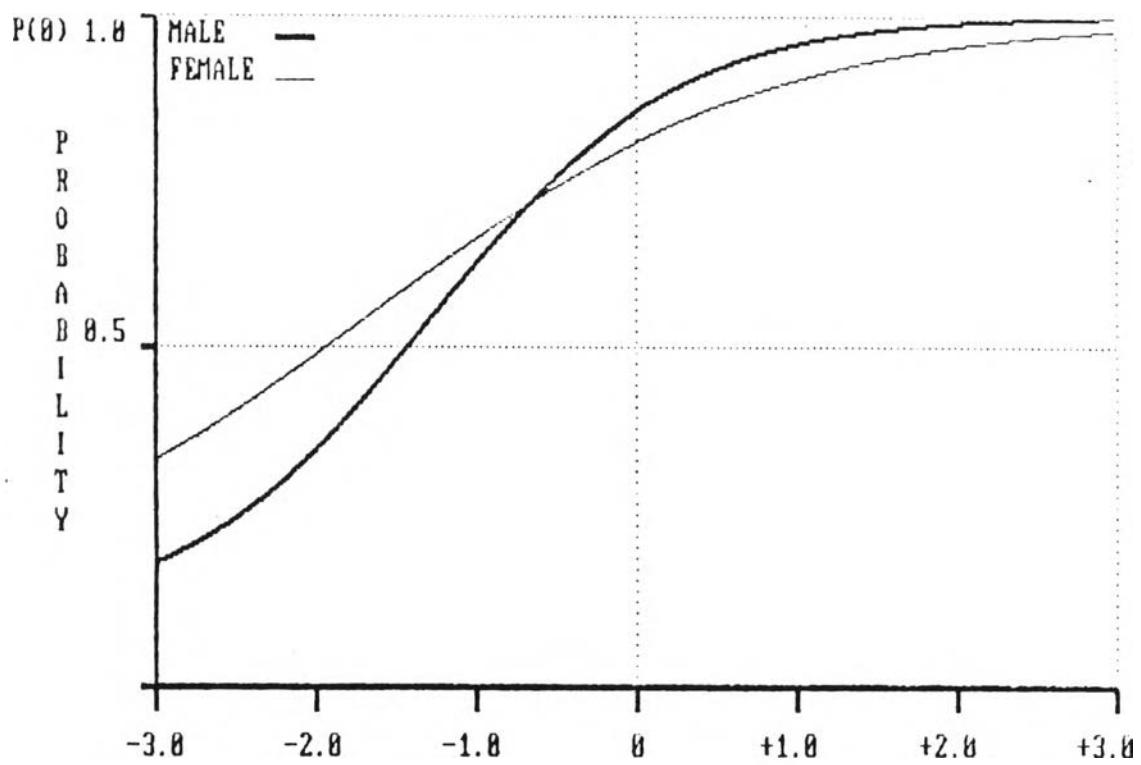


FIGURE 145 PLOT ITEM CHARACTERISTIC CURVE (v017)

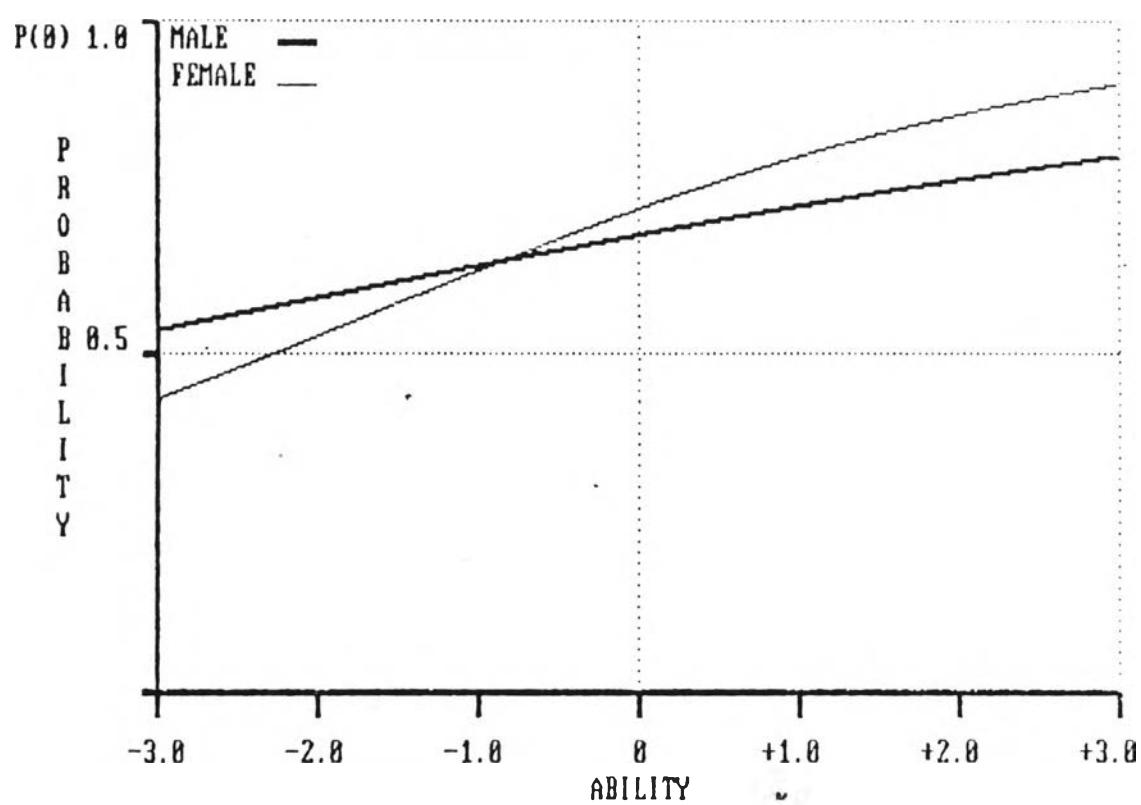


FIGURE 146 PLOT ITEM CHARACTERISTIC CURVE (v020)

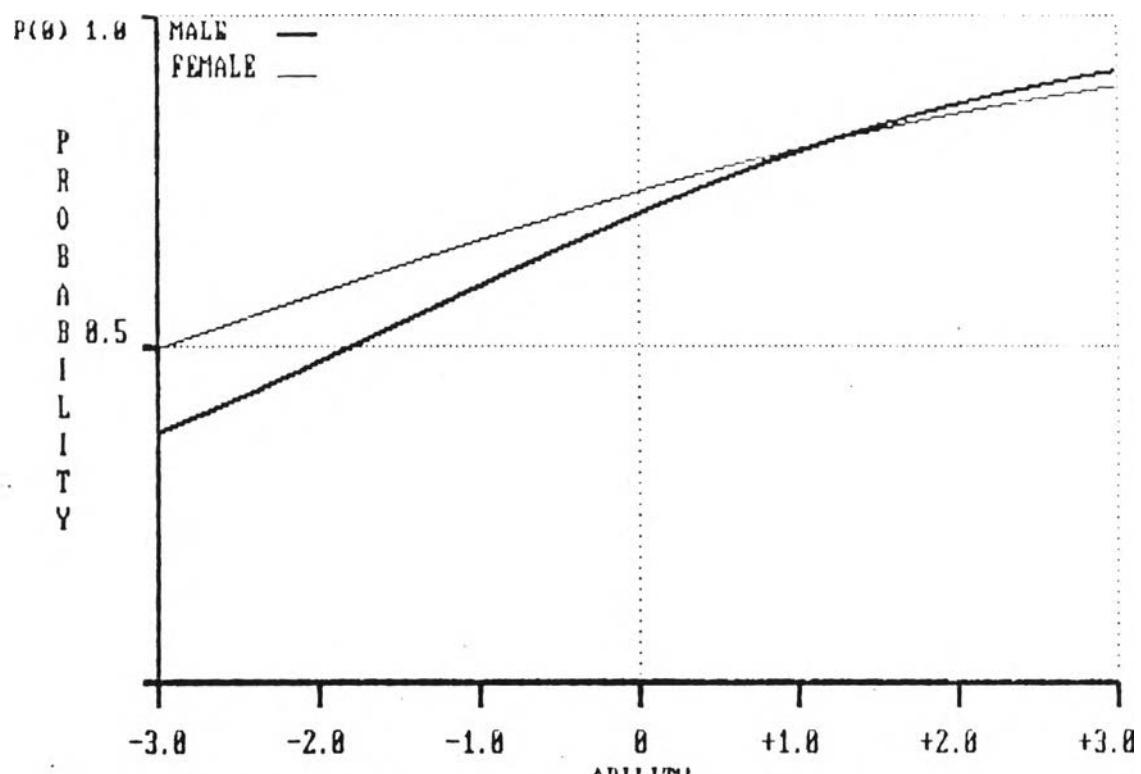


FIGURE 147 PLOT ITEM CHARACTERISTIC CURVE (n=23)

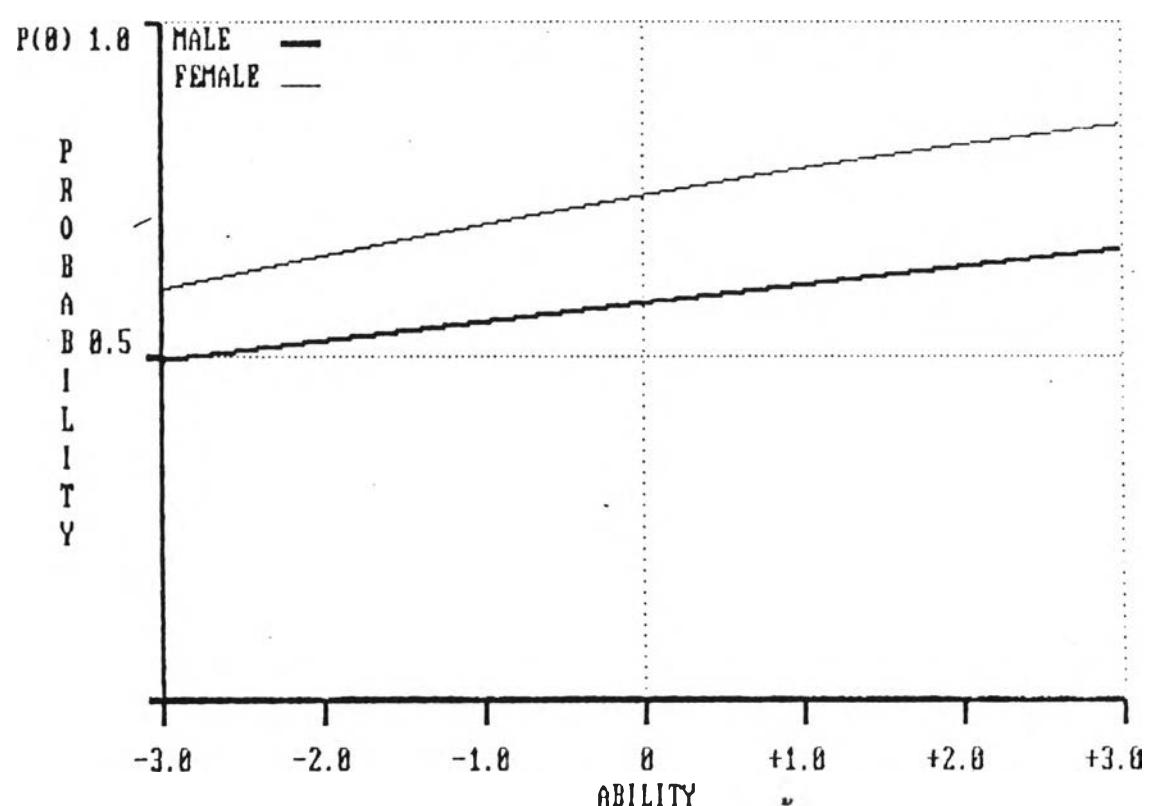


FIGURE 148 PLOT ITEM CHARACTERISTIC CURVE (n=25)

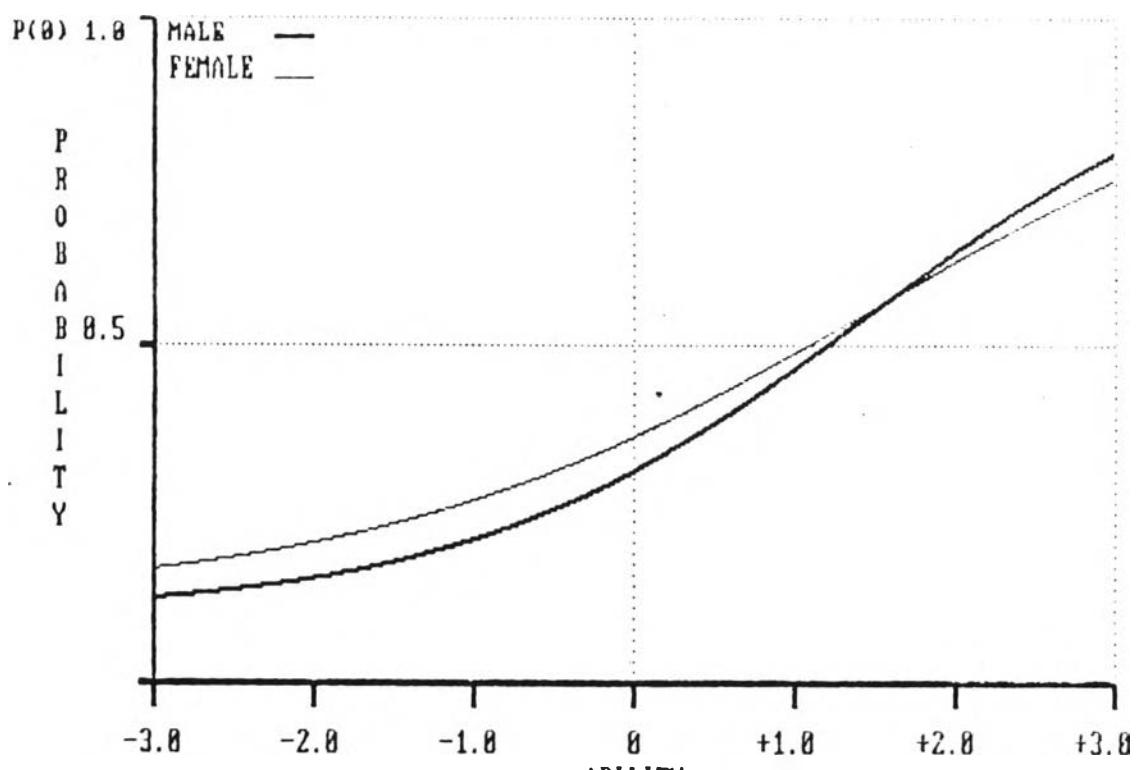


FIGURE 149 PLOT ITEM CHARACTERISTIC CURVE (ID 26)

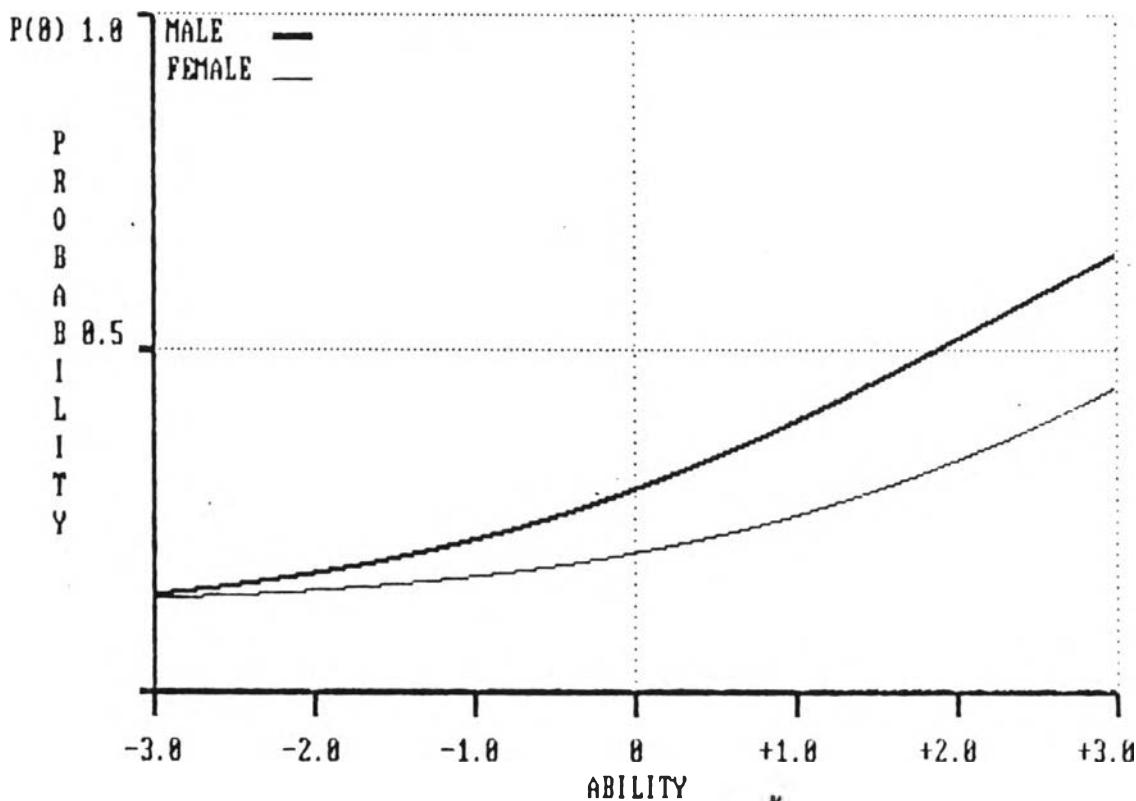


FIGURE 150 PLOT ITEM CHARACTERISTIC CURVE (ID 27)

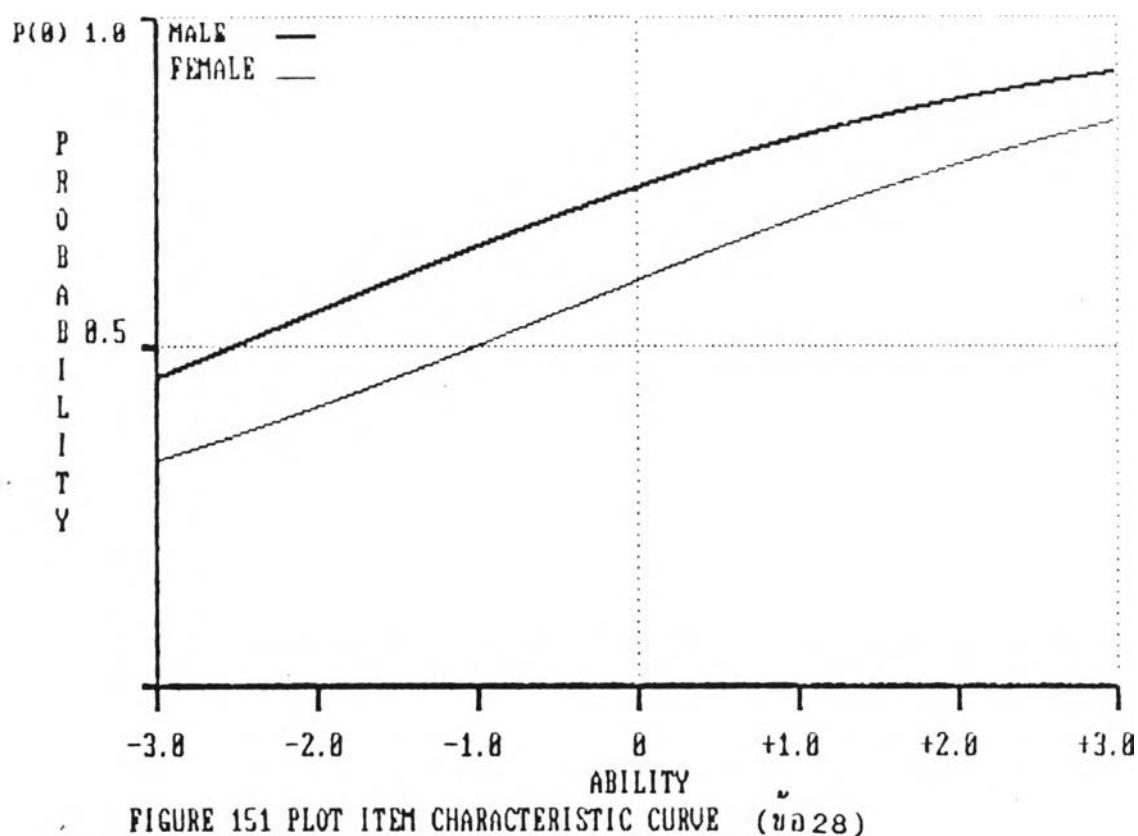


FIGURE 151 PLOT ITEM CHARACTERISTIC CURVE (v028)

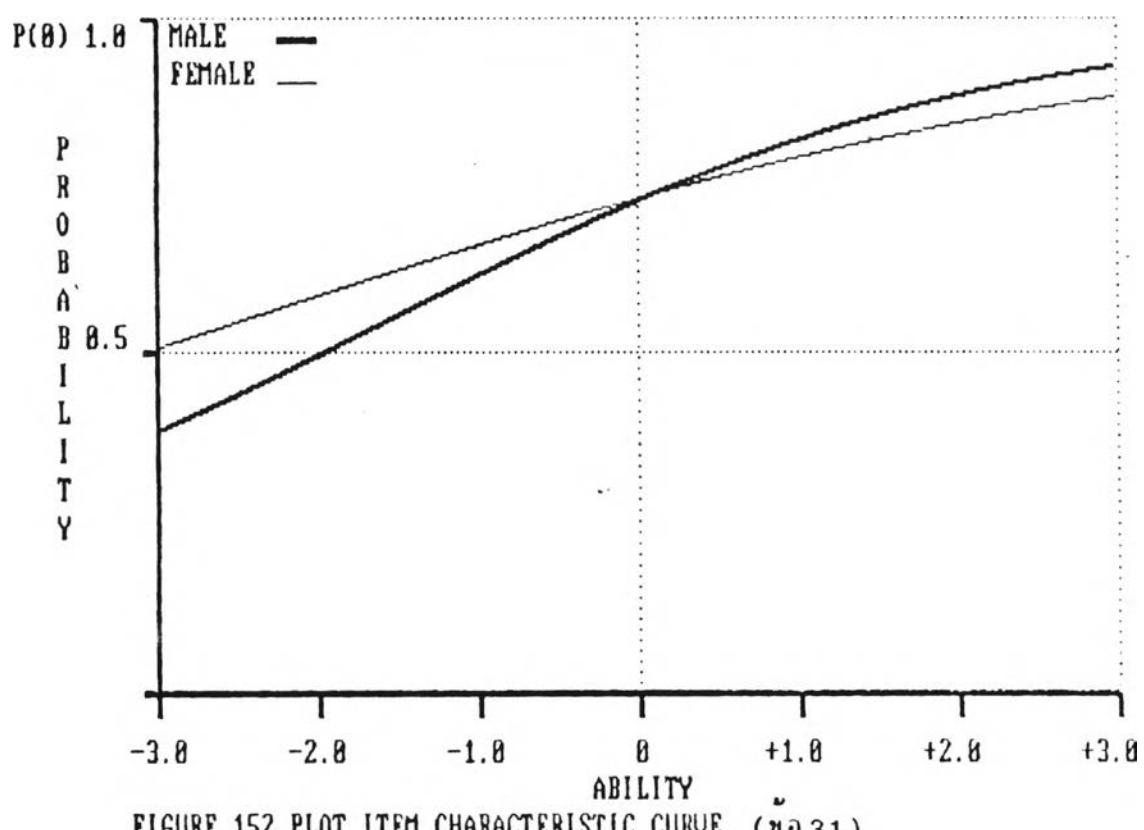


FIGURE 152 PLOT ITEM CHARACTERISTIC CURVE (v031)

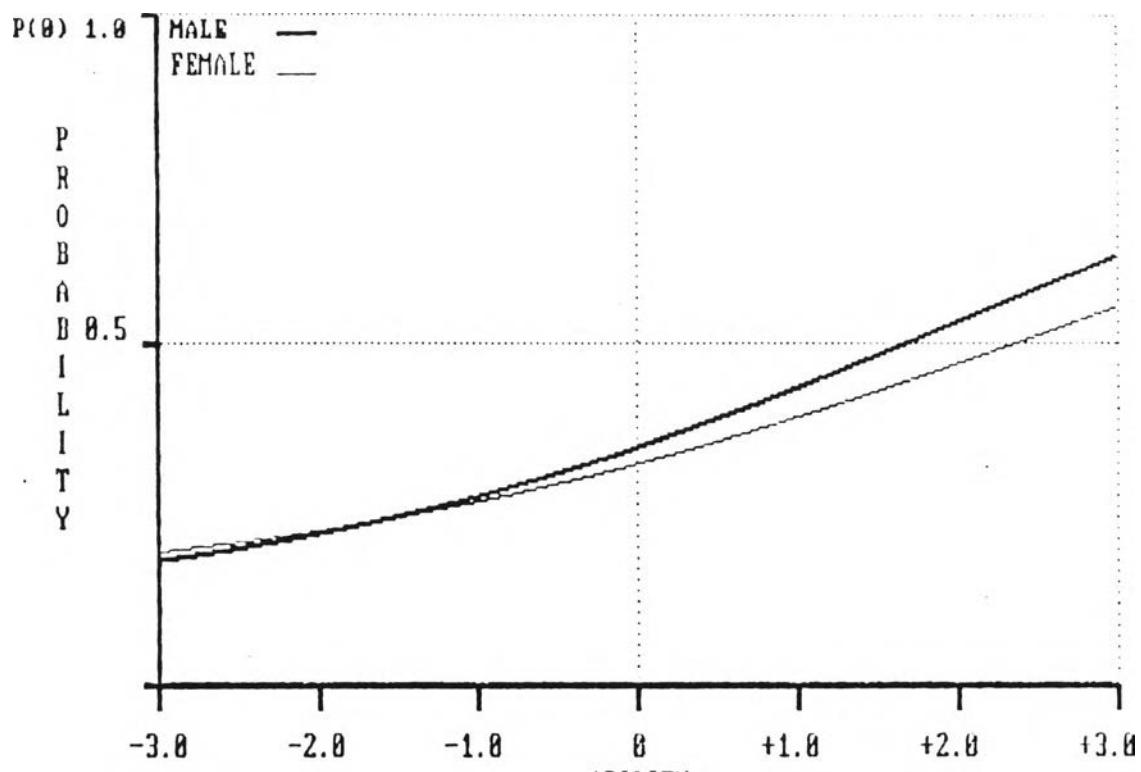


FIGURE 153 PLOT ITEM CHARACTERISTIC CURVE (n=32)

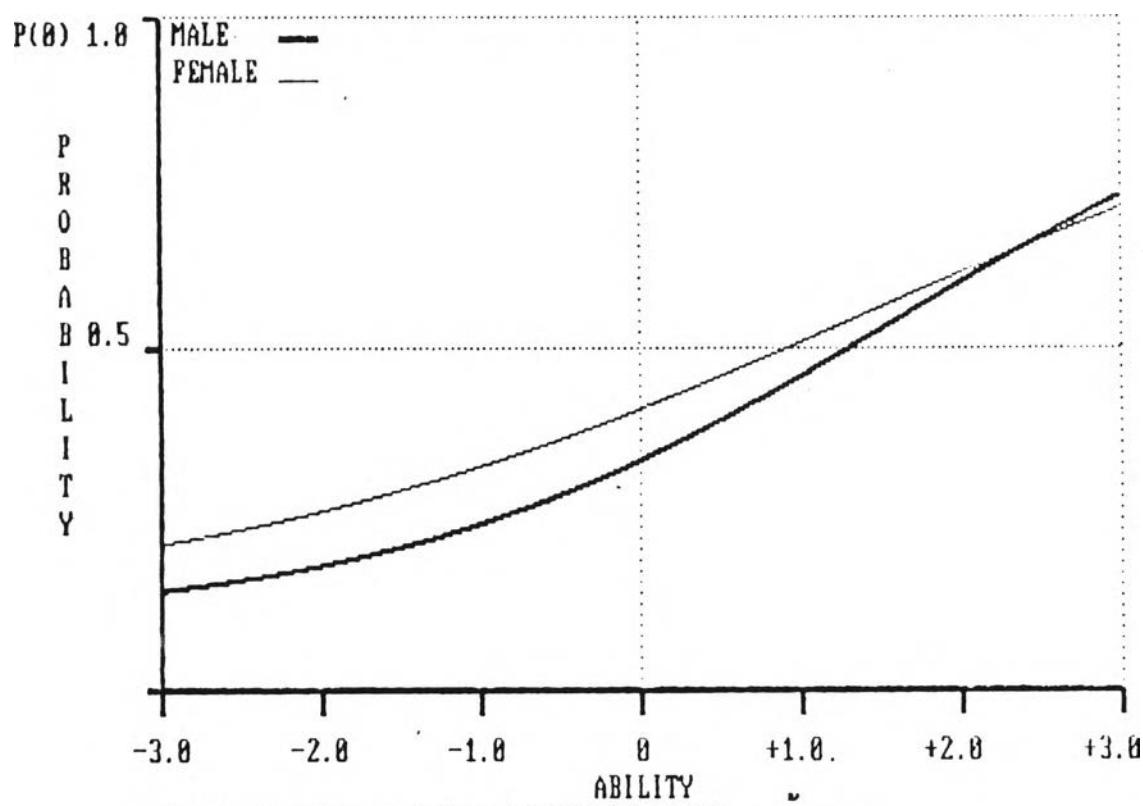


FIGURE 154 PLOT ITEM CHARACTERISTIC CURVE (n=33)

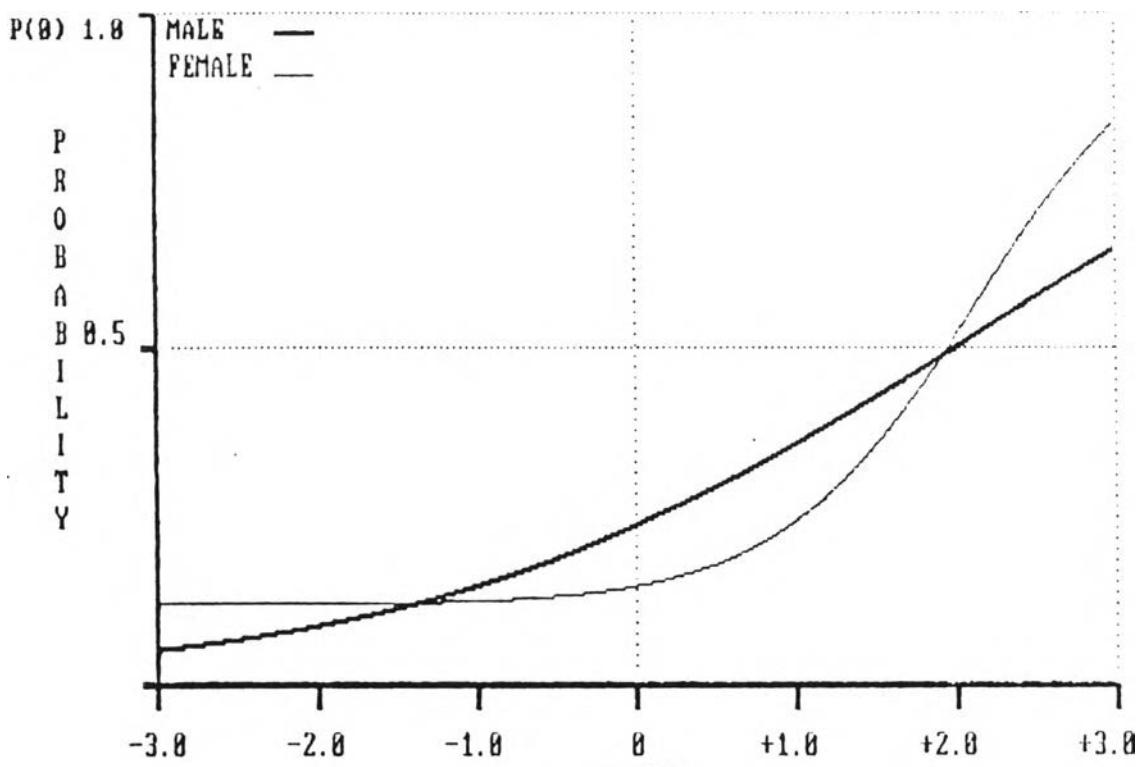


FIGURE 155 PLOT ITEM CHARACTERISTIC CURVE (n=35)

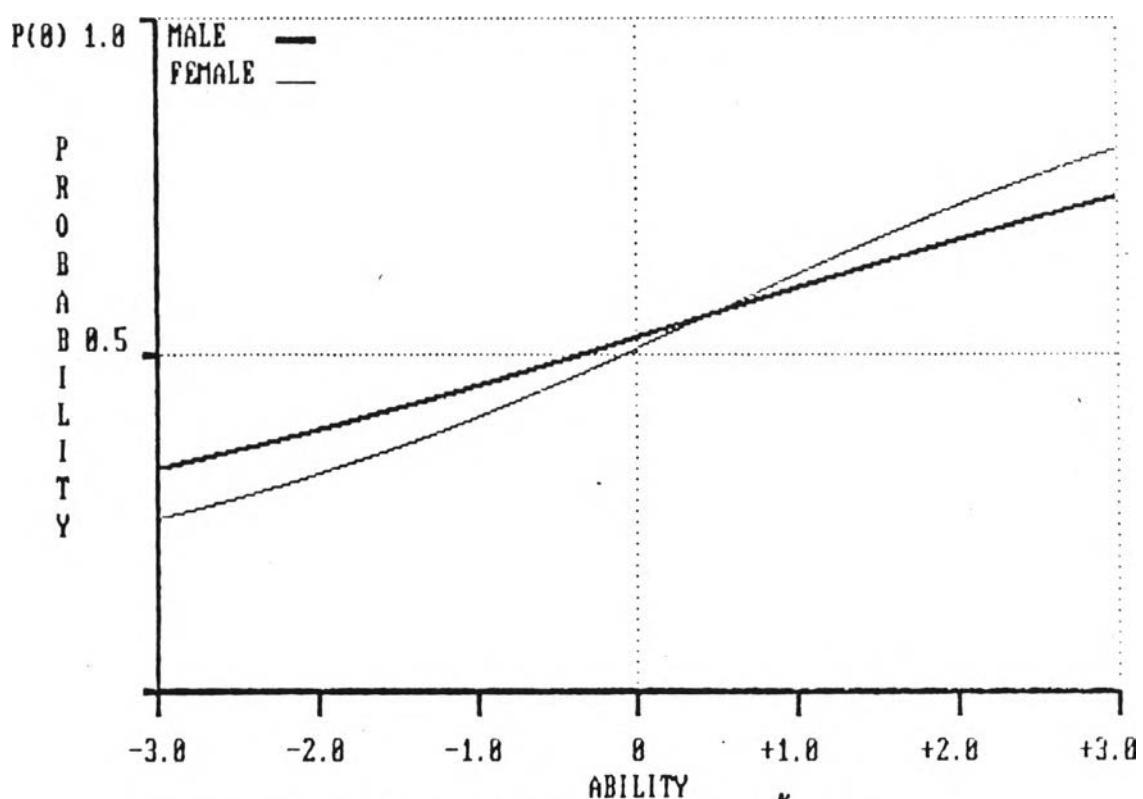


FIGURE 156 PLOT ITEM CHARACTERISTIC CURVE (n=37)

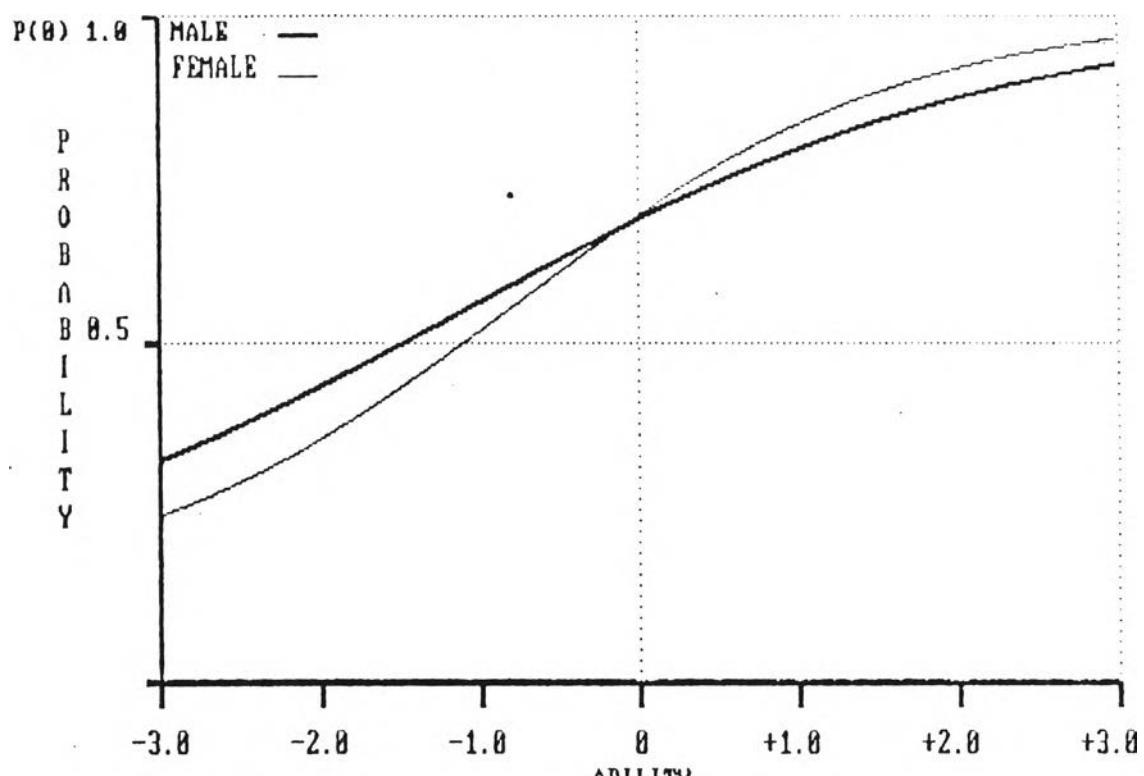


FIGURE 157 PLOT ITEM CHARACTERISTIC CURVE (n=39)

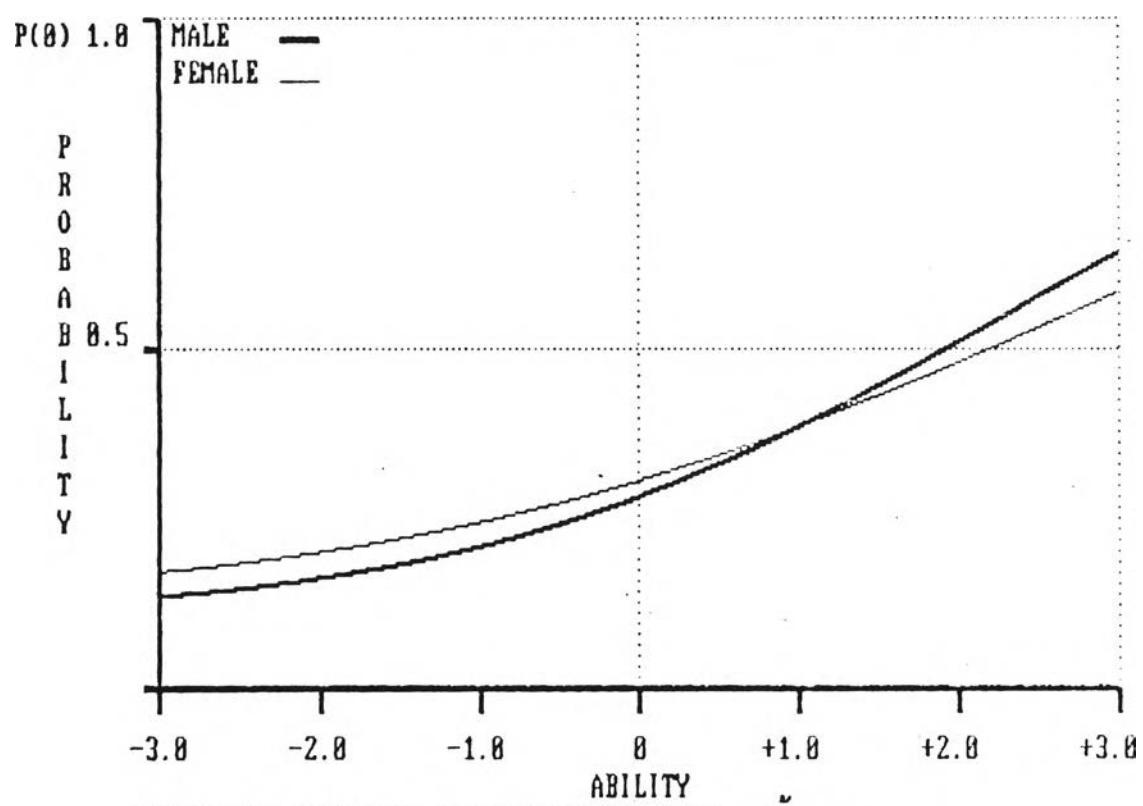


FIGURE 158 PLOT ITEM CHARACTERISTIC CURVE (n=42)

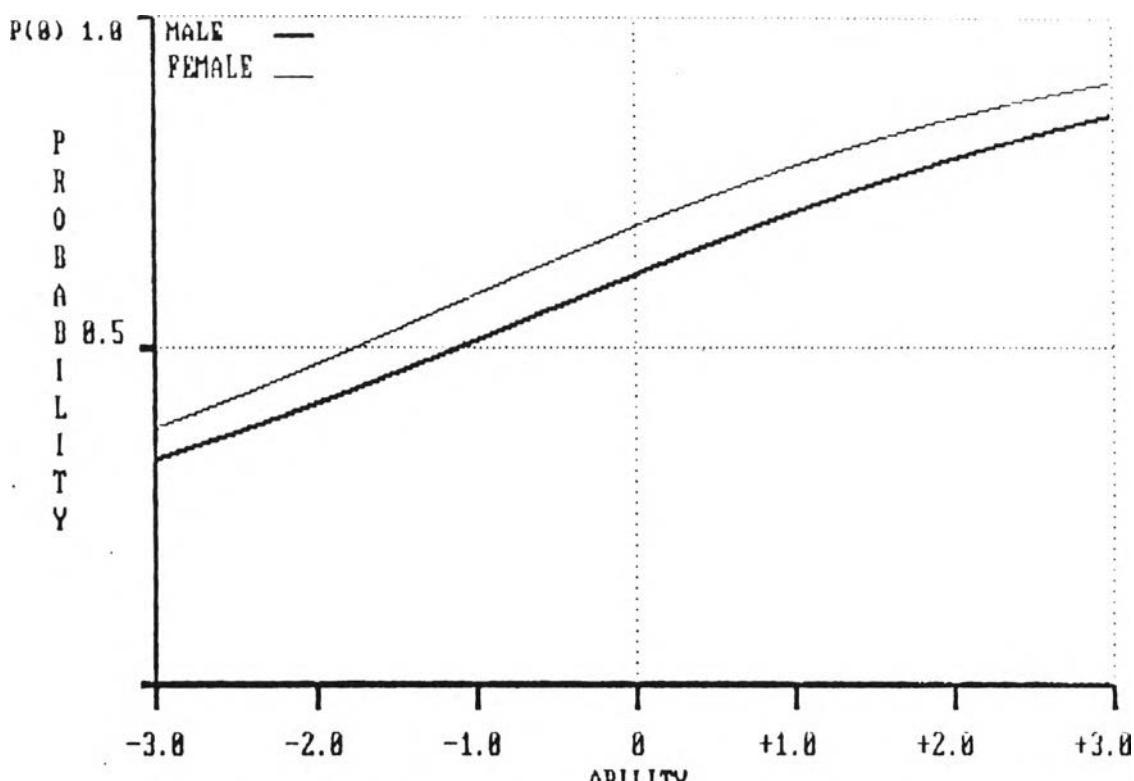


FIGURE 159 PLOT ITEM CHARACTERISTIC CURVE (nº43)

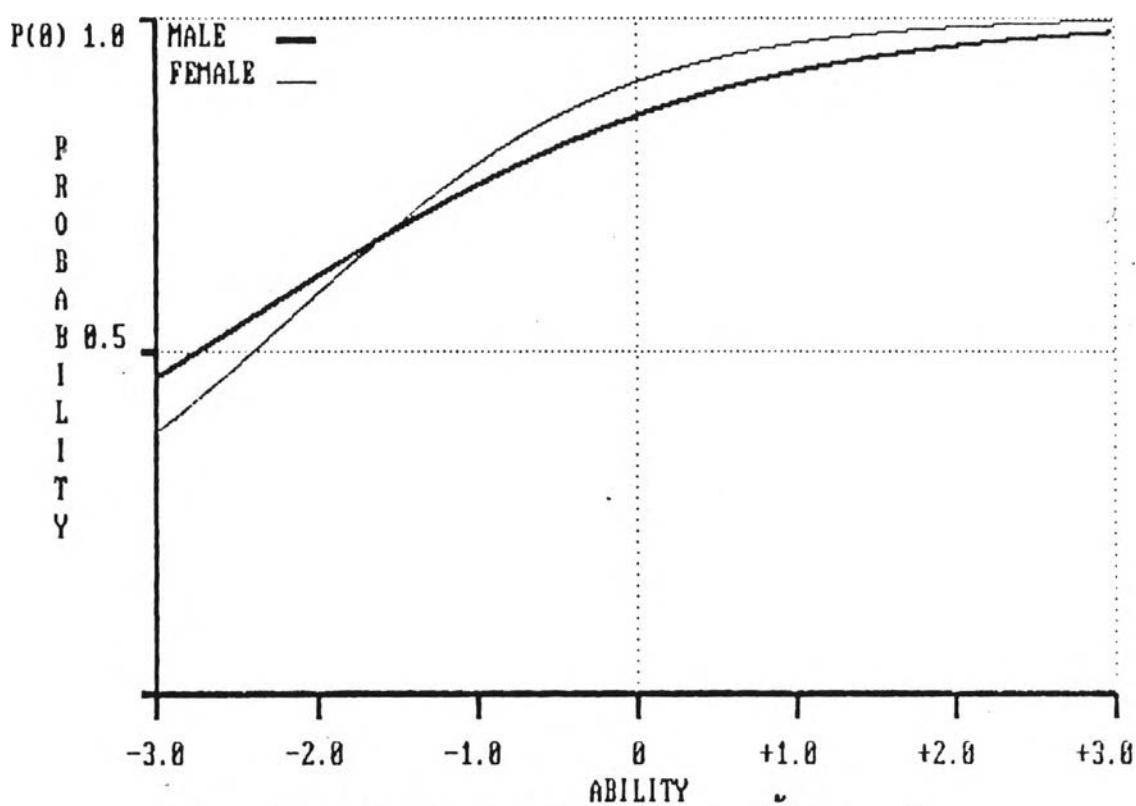


FIGURE 160 PLOT ITEM CHARACTERISTIC CURVE (nº44)

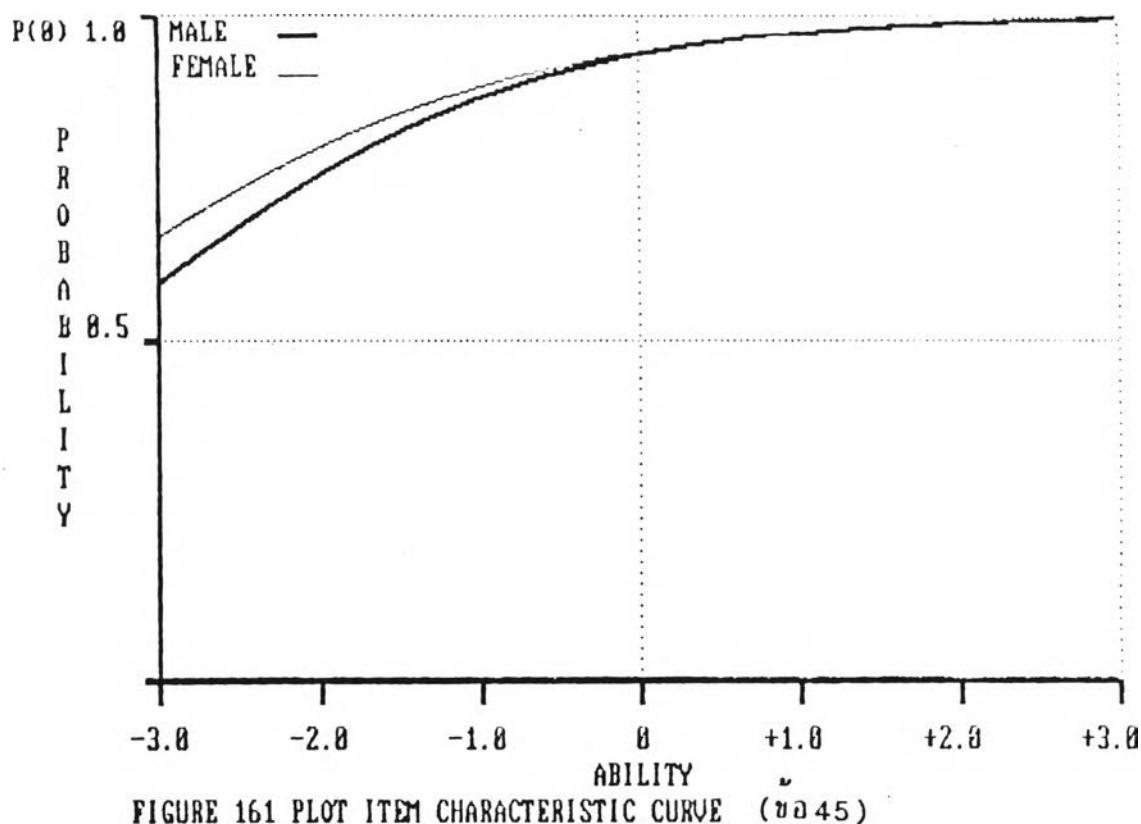


FIGURE 161 PLOT ITEM CHARACTERISTIC CURVE (n=45)

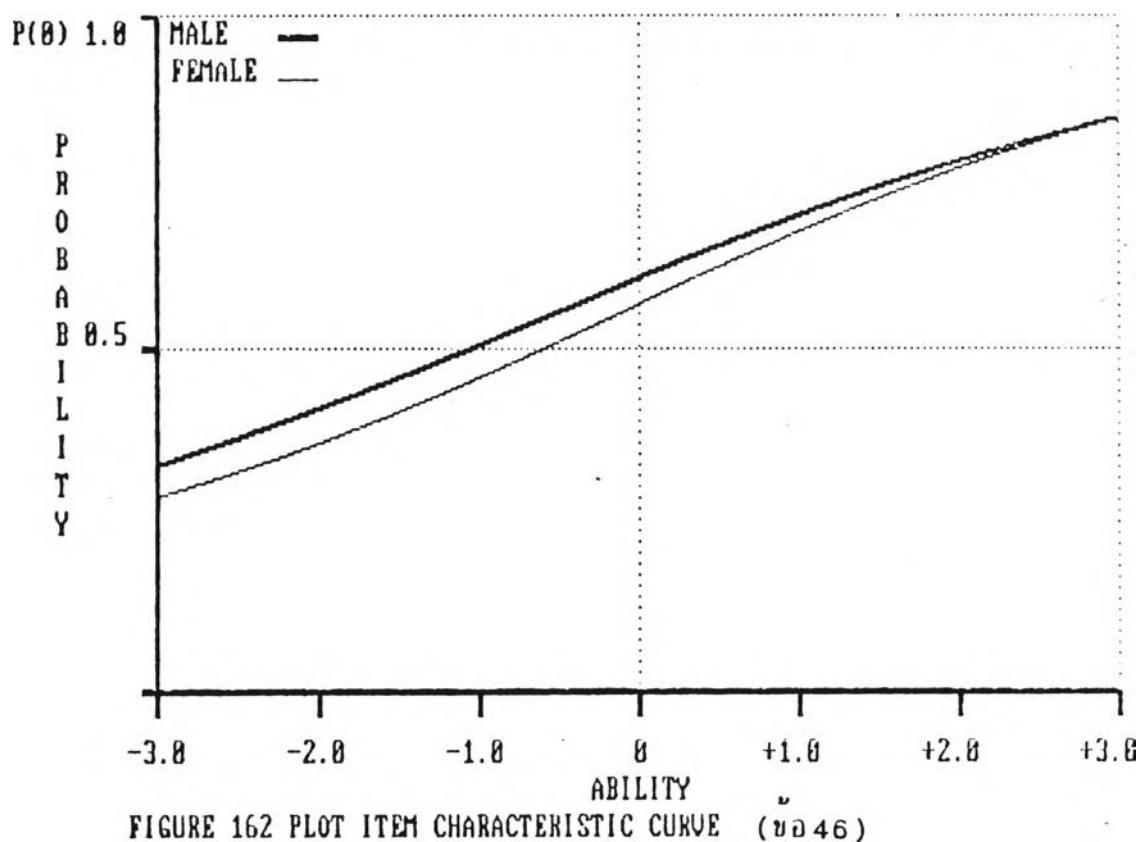


FIGURE 162 PLOT ITEM CHARACTERISTIC CURVE (n=46)

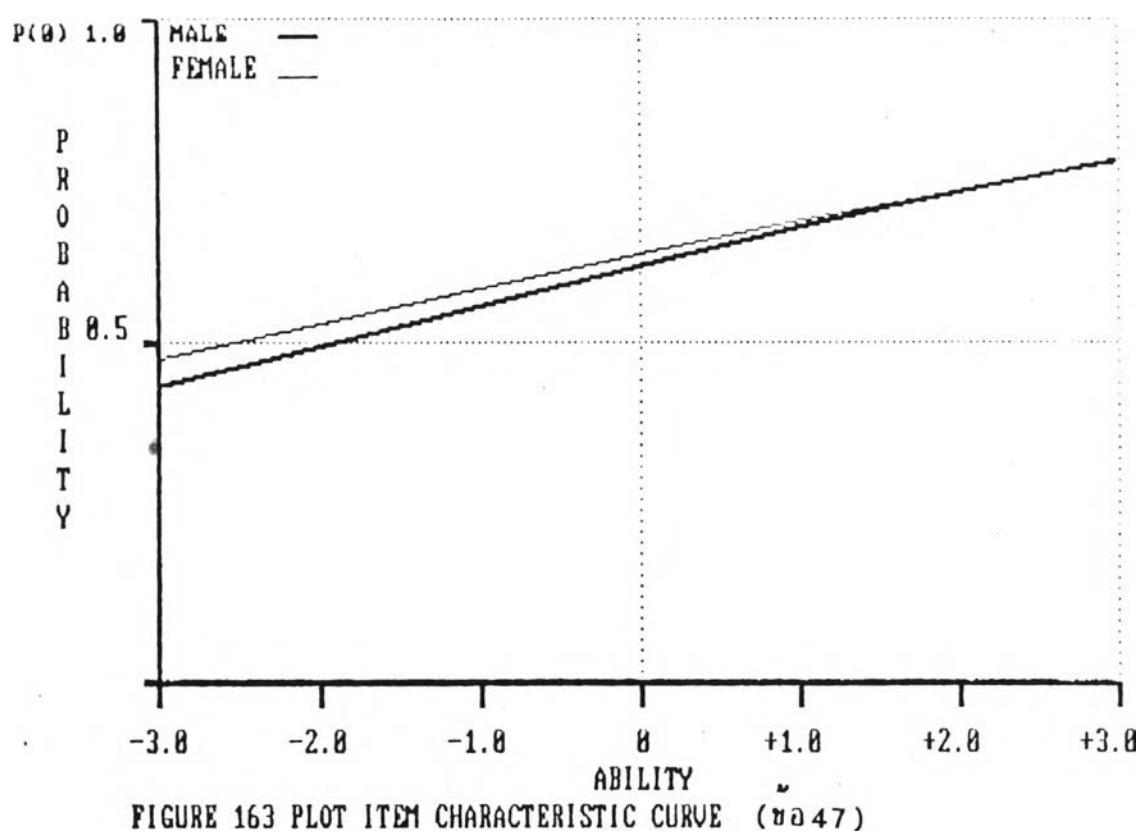


FIGURE 163 PLOT ITEM CHARACTERISTIC CURVE (n=47)

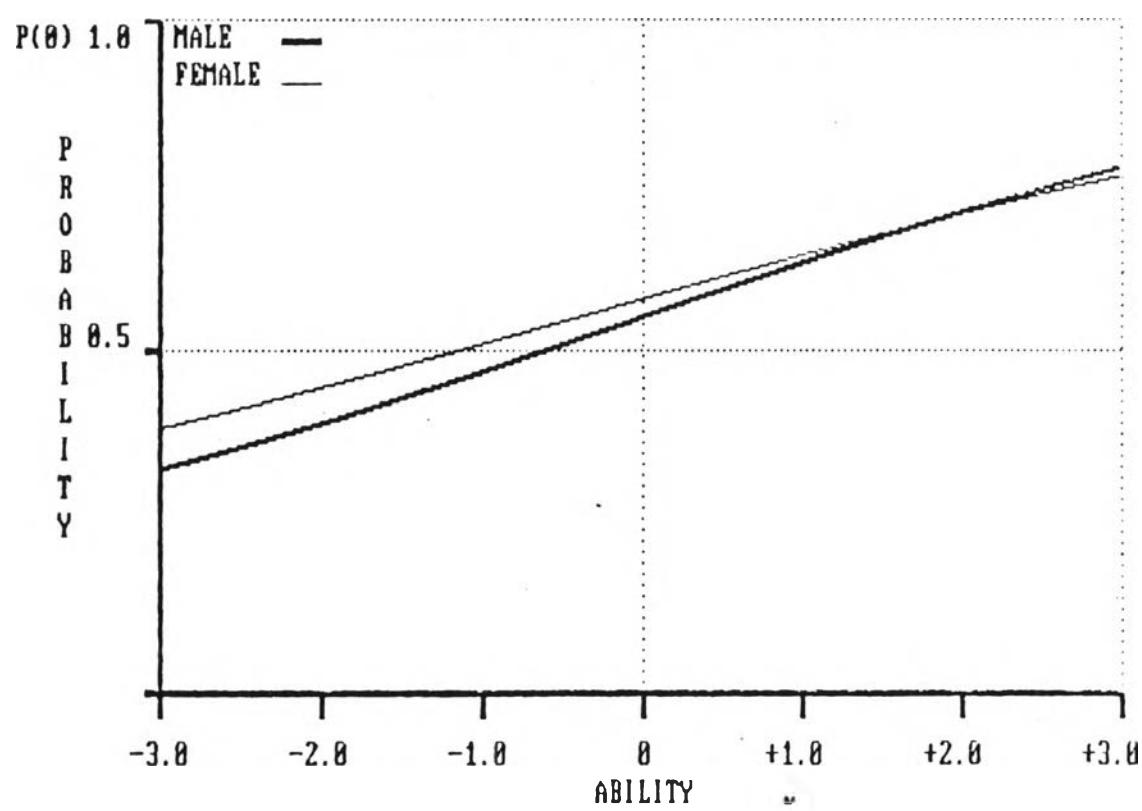


FIGURE 164 PLOT ITEM CHARACTERISTIC CURVE (n=48)

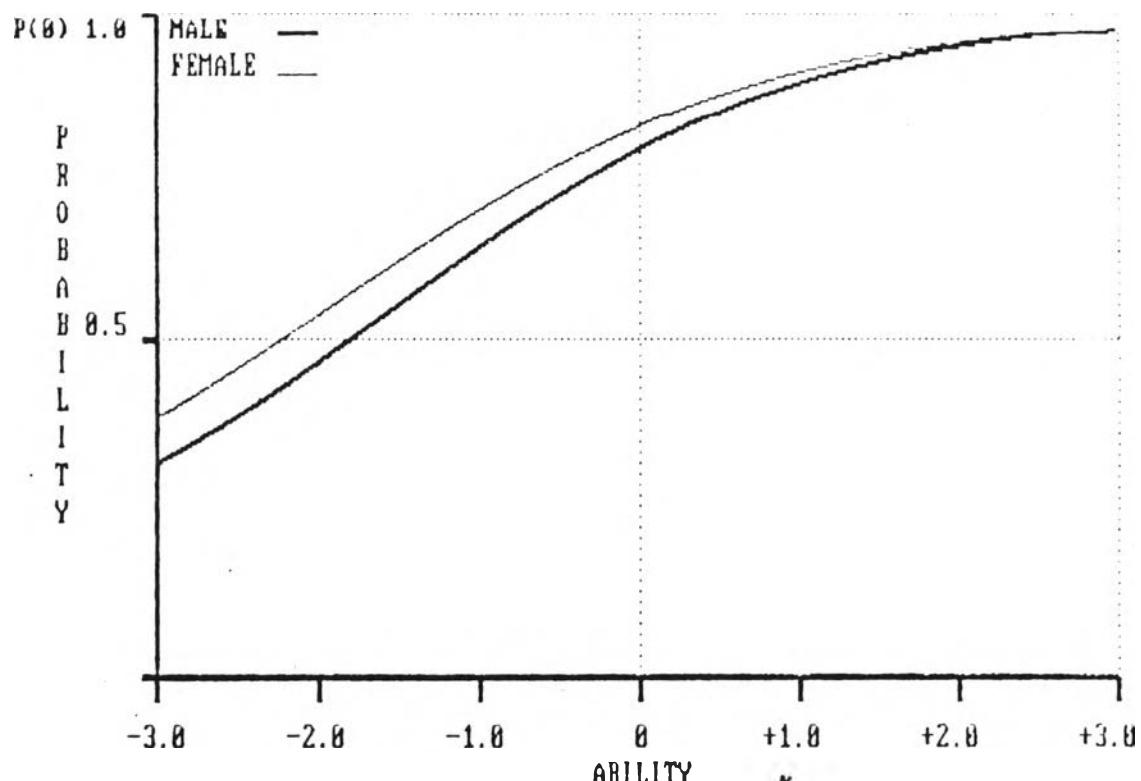


FIGURE 165 PLOT ITEM CHARACTERISTIC CURVE (n=49)

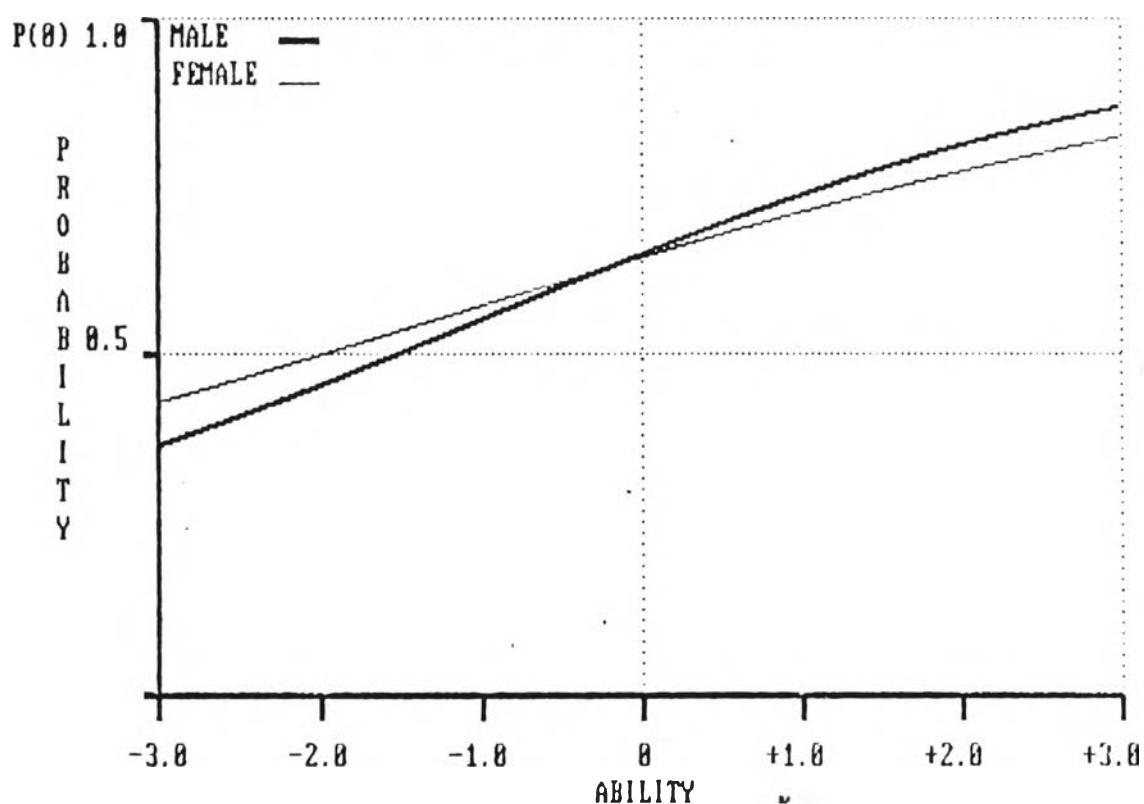


FIGURE 166 PLOT ITEM CHARACTERISTIC CURVE (n=50)

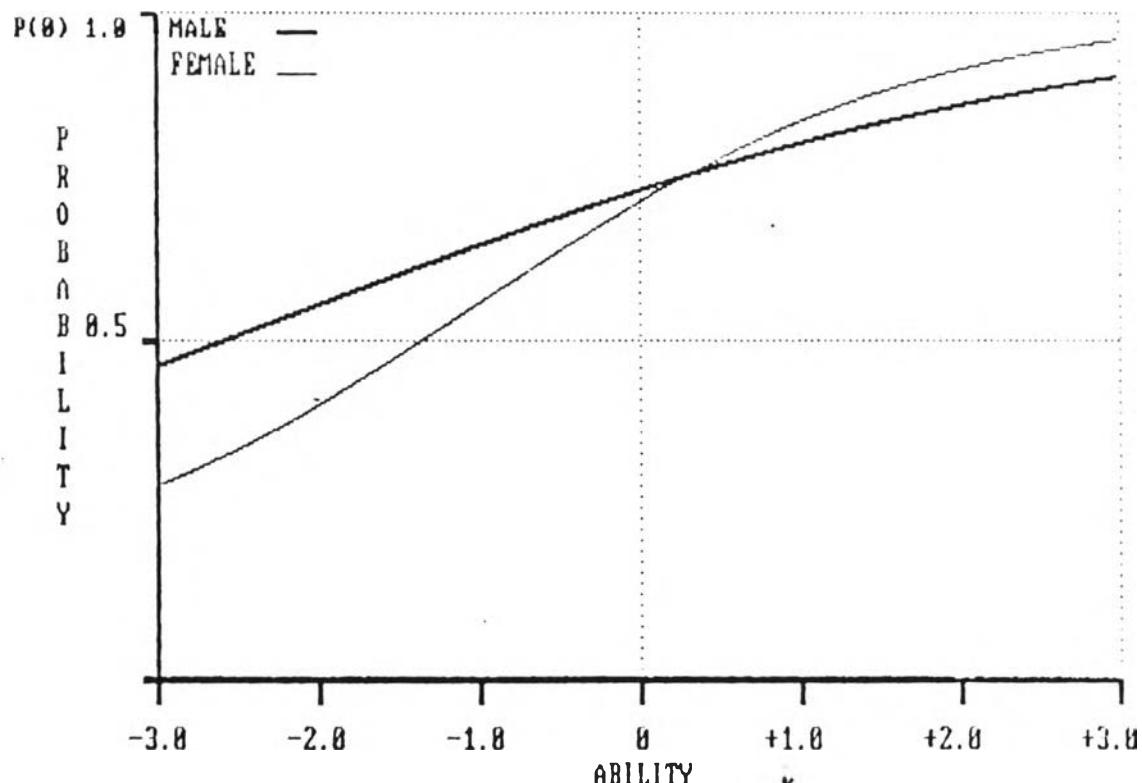


FIGURE 167 PLOT ITEM CHARACTERISTIC CURVE (n=52)

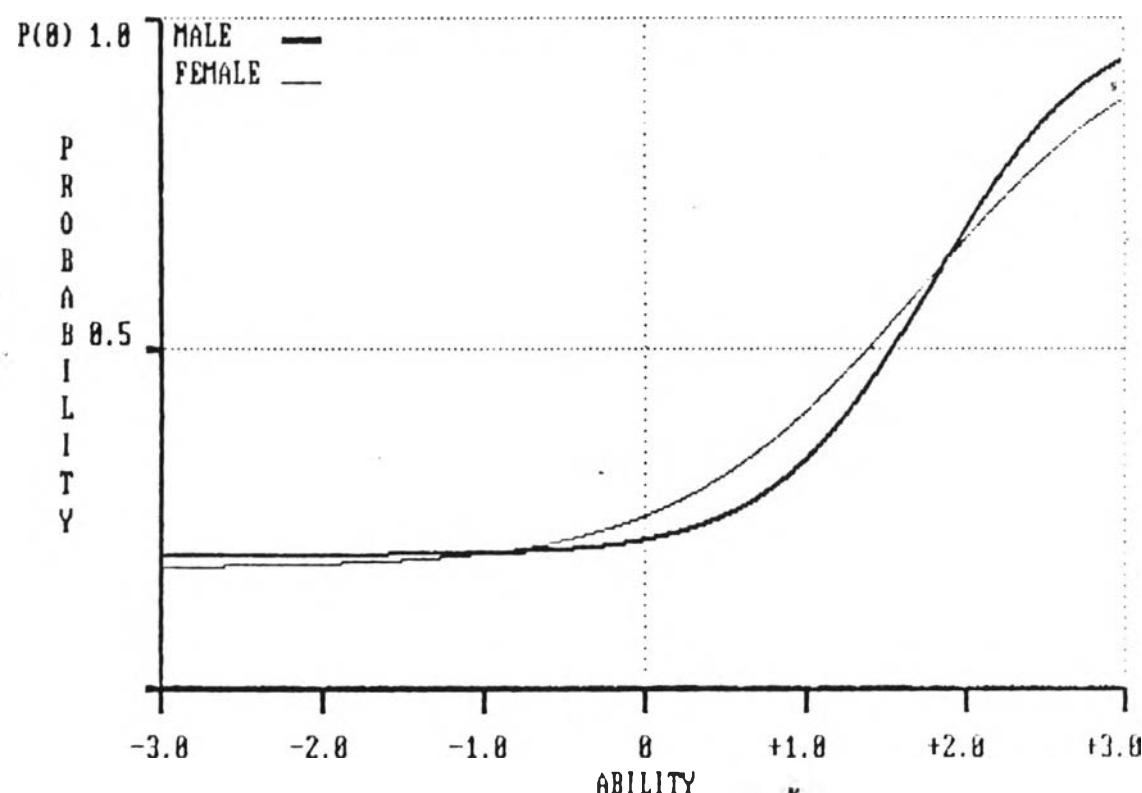


FIGURE 168 PLOT ITEM CHARACTERISTIC CURVE (n=53)

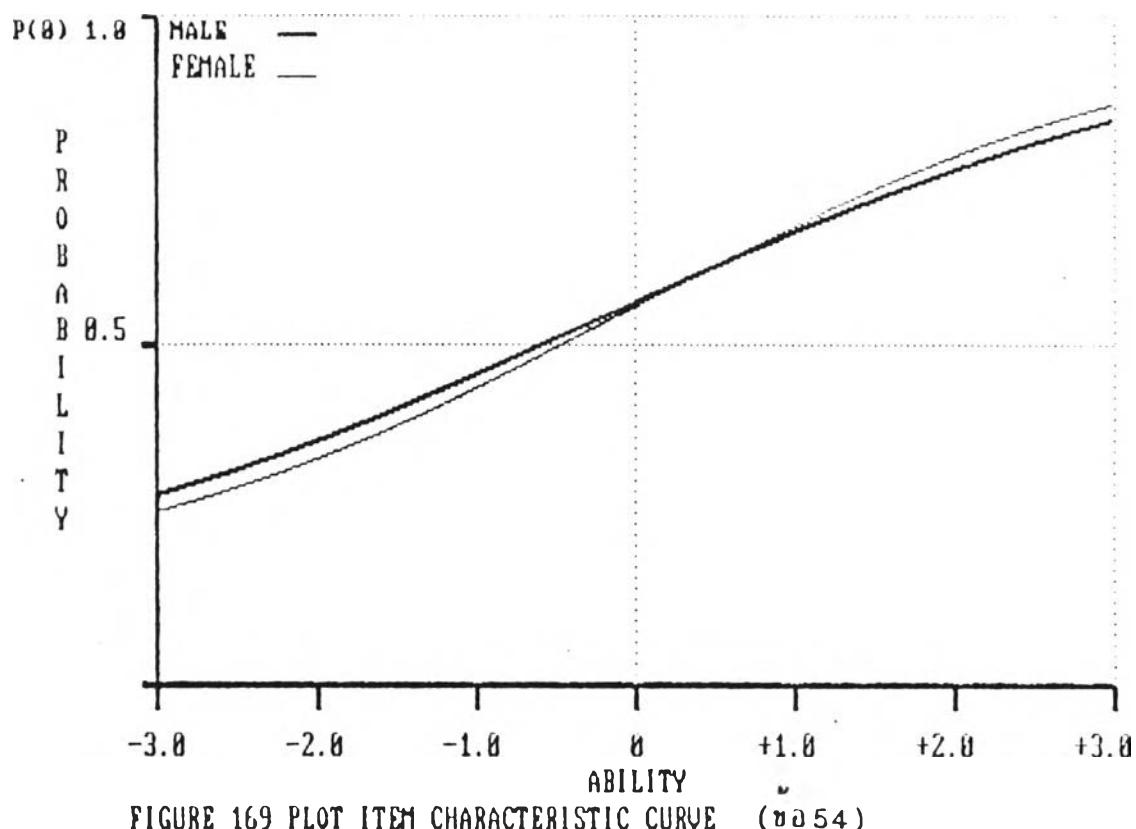


FIGURE 169 PLOT ITEM CHARACTERISTIC CURVE (n=54)

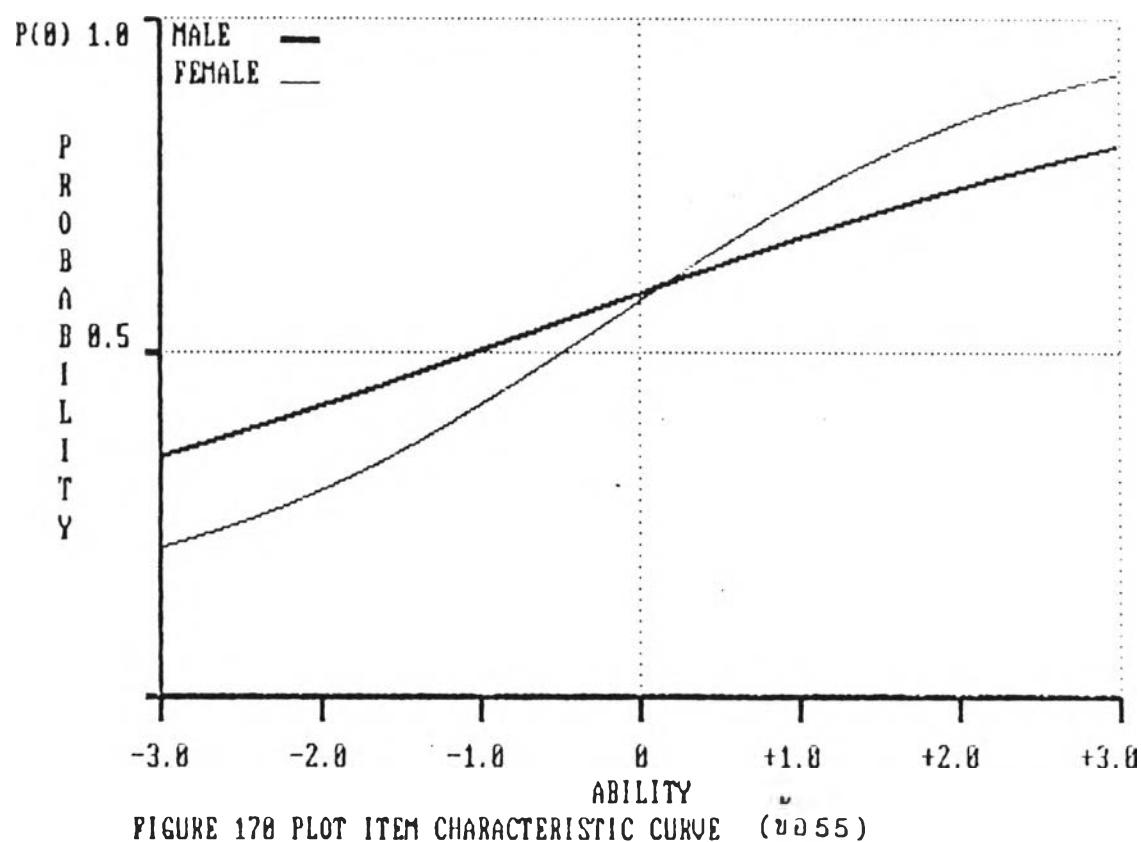


FIGURE 170 PLOT ITEM CHARACTERISTIC CURVE (n=55)

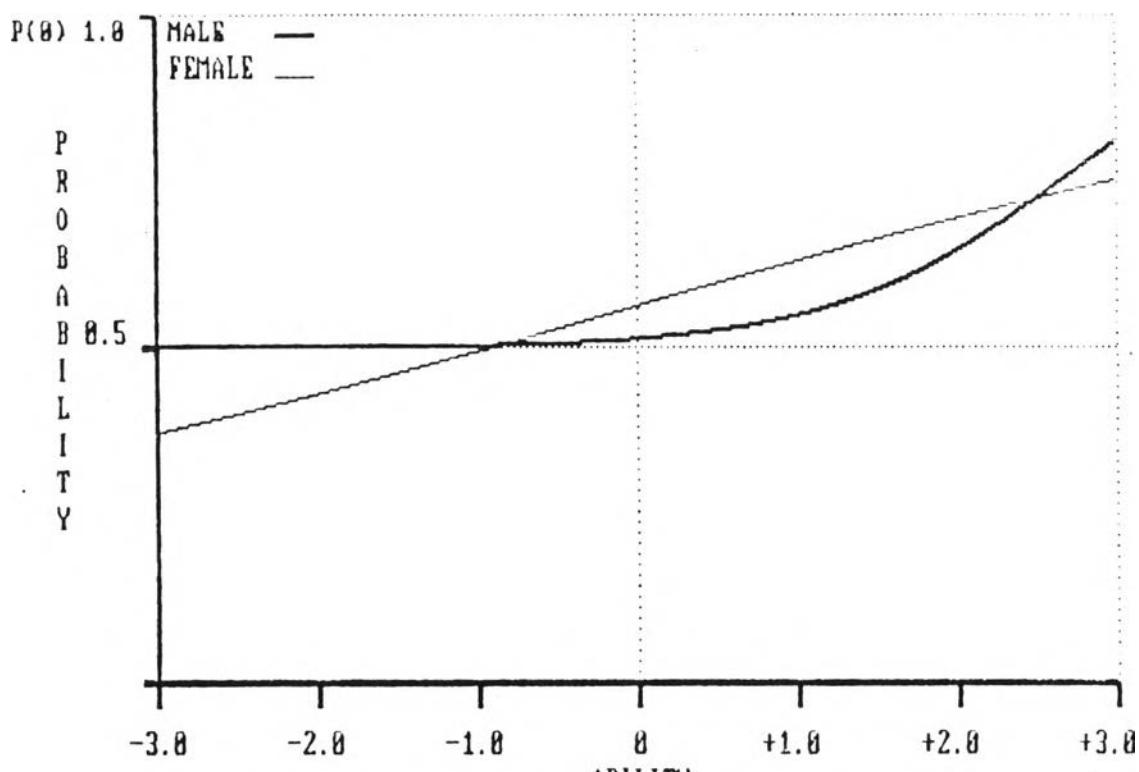


FIGURE 171 PLOT ITEM CHARACTERISTIC CURVE (8057)

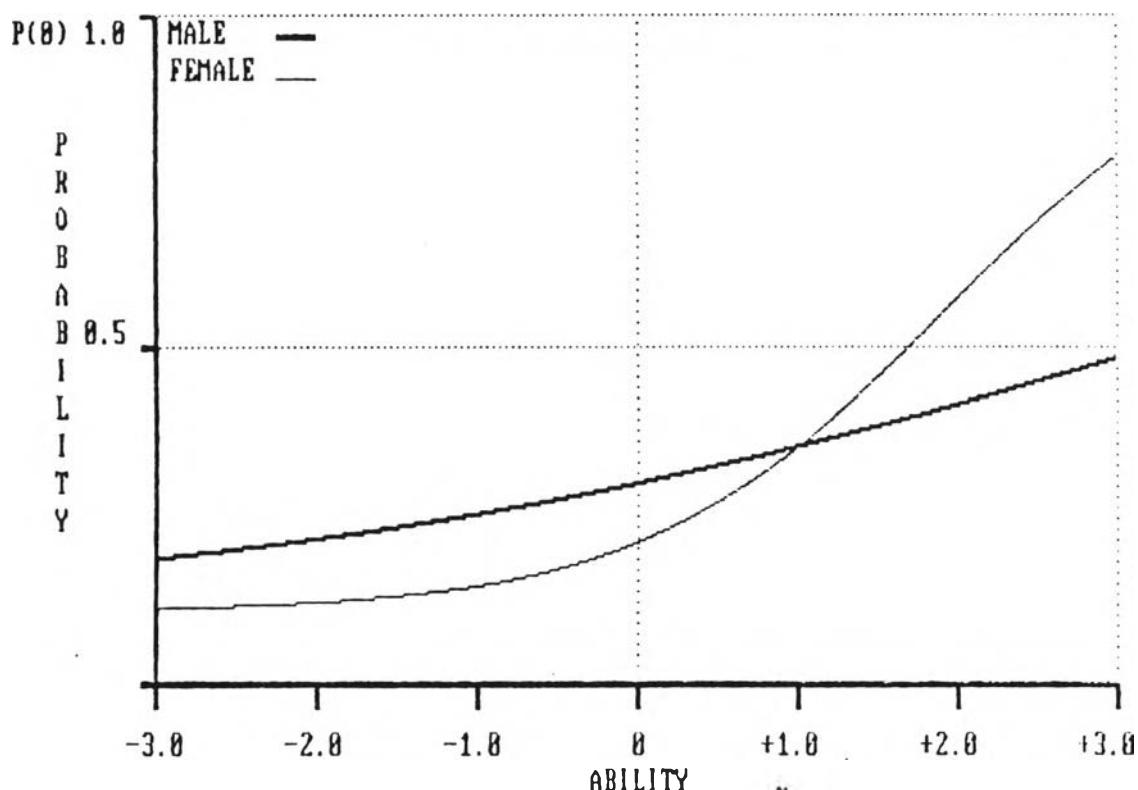


FIGURE 172 PLOT ITEM CHARACTERISTIC CURVE (8058)

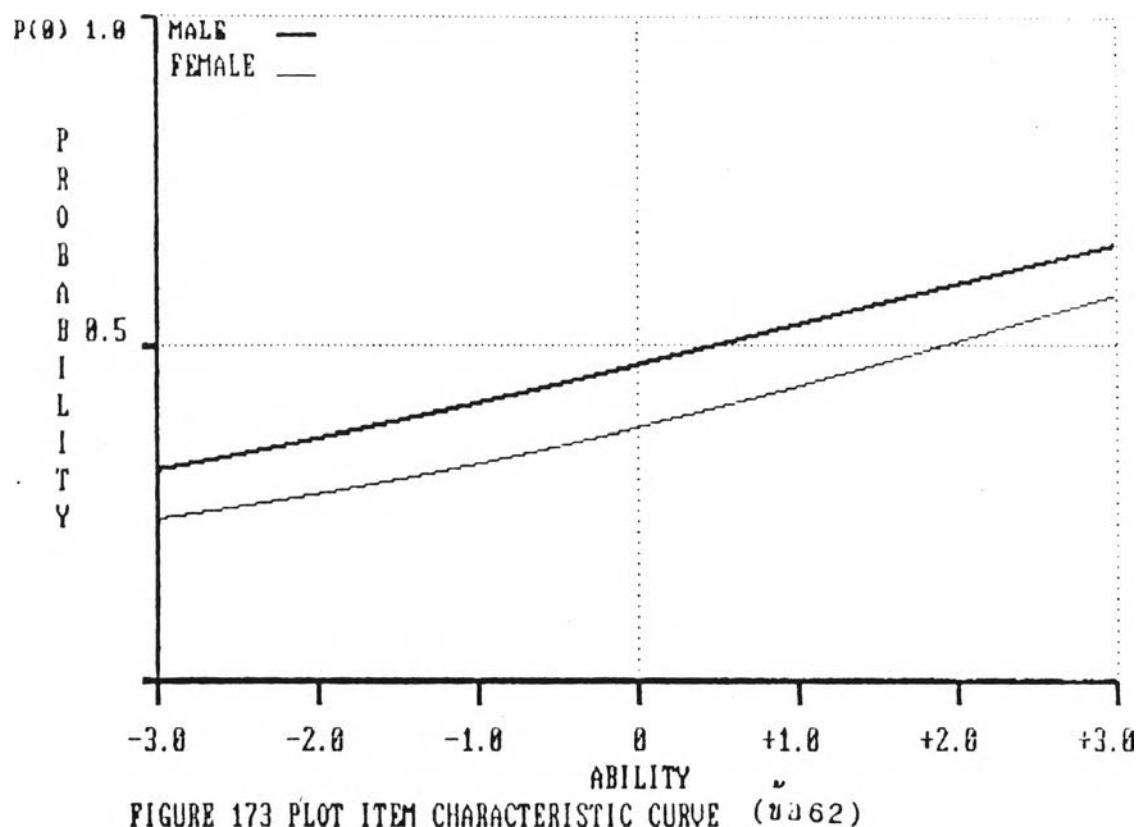


FIGURE 173 PLOT ITEM CHARACTERISTIC CURVE (v062)

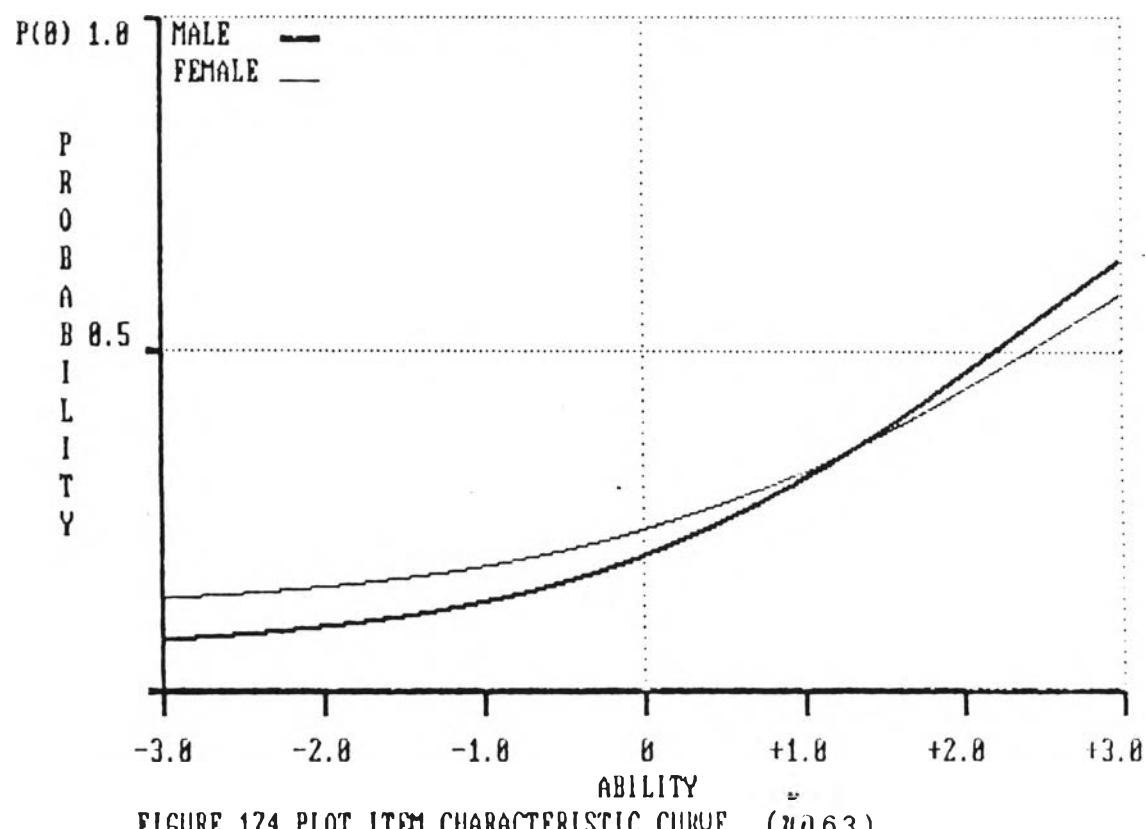


FIGURE 174 PLOT ITEM CHARACTERISTIC CURVE (v063)

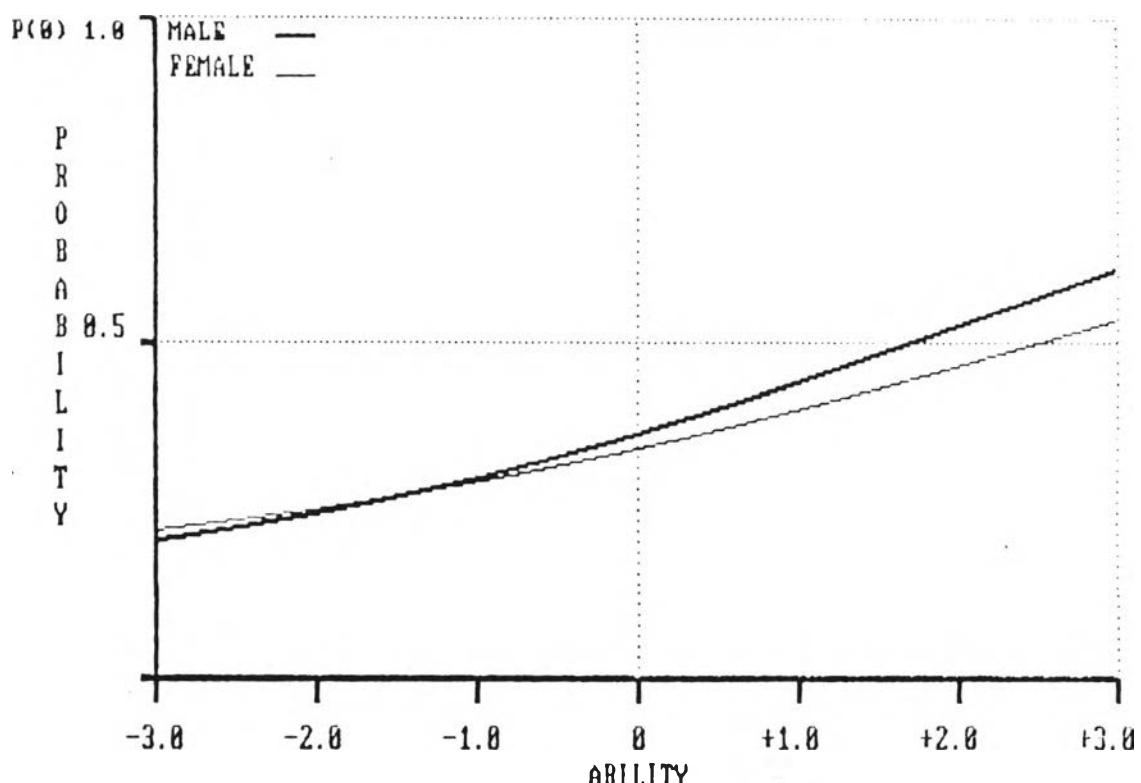


FIGURE 175 PLOT ITEM CHARACTERISTIC CURVE (n=64)

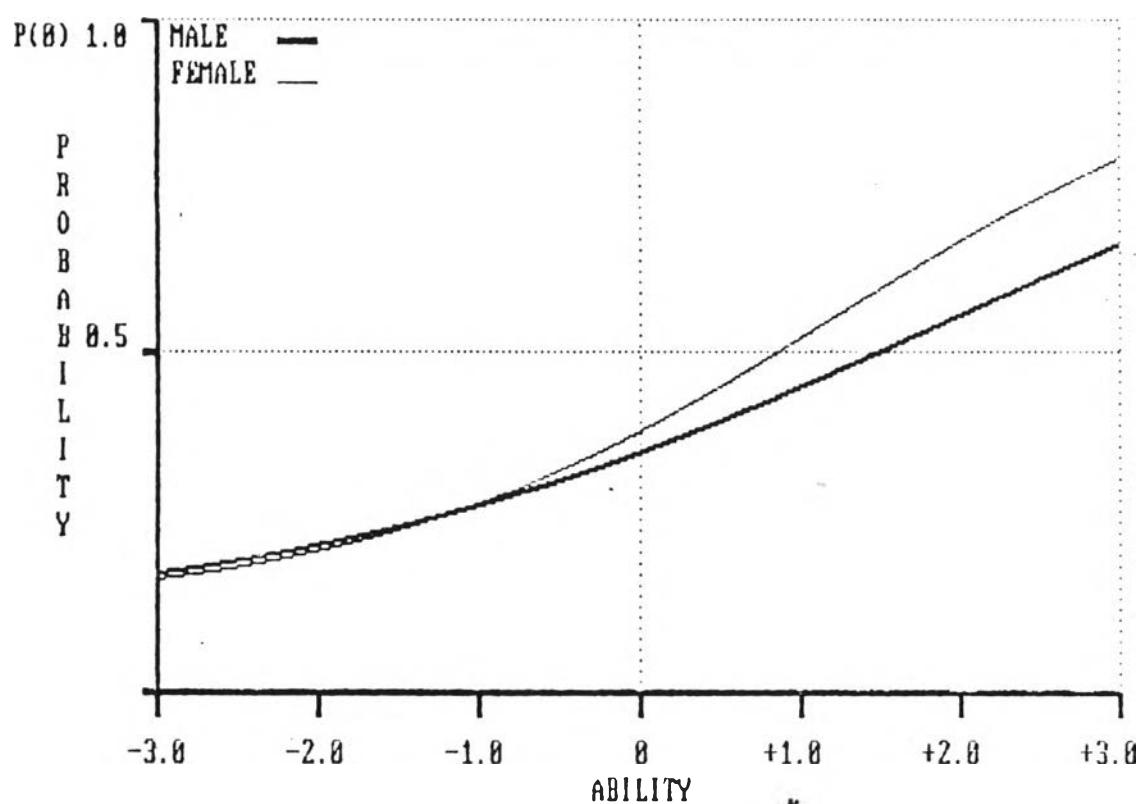


FIGURE 176 PLOT ITEM1 CHARACTERISTIC CURVE (n=65)

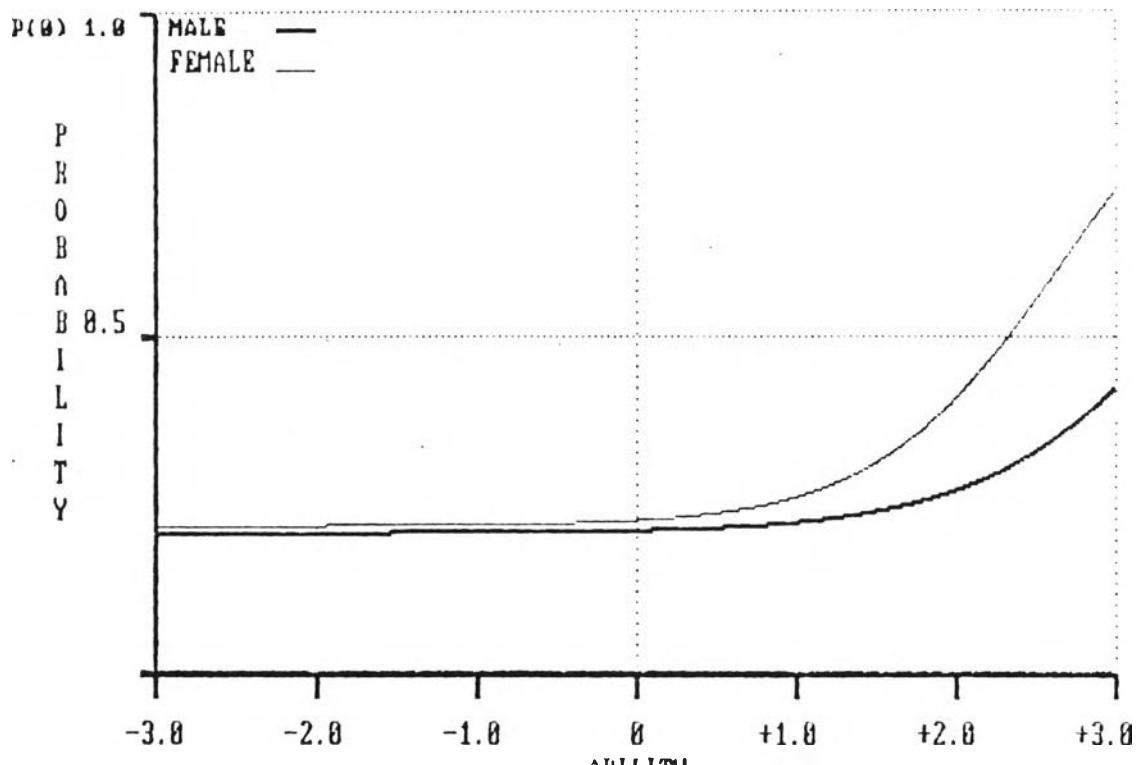


FIGURE 177 PLOT ITEM CHARACTERISTIC CURVE (n=67)

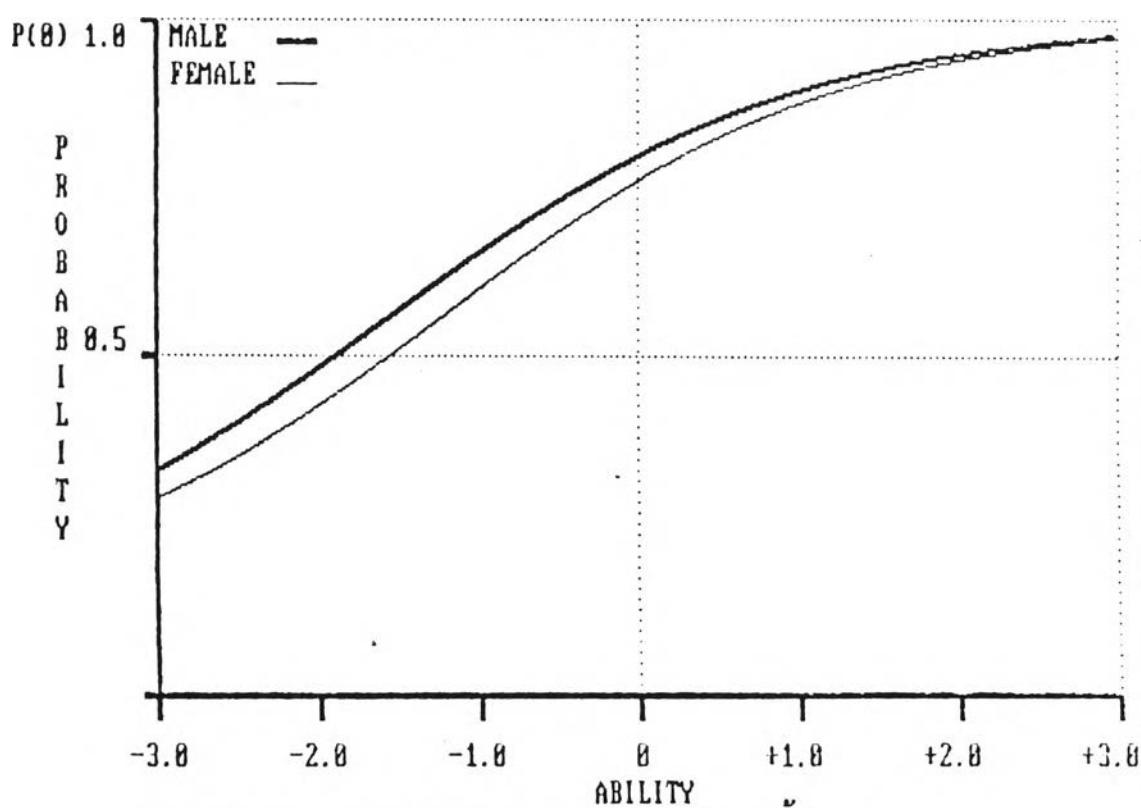


FIGURE 178 PLOT ITEM CHARACTERISTIC CURVE (n=69)

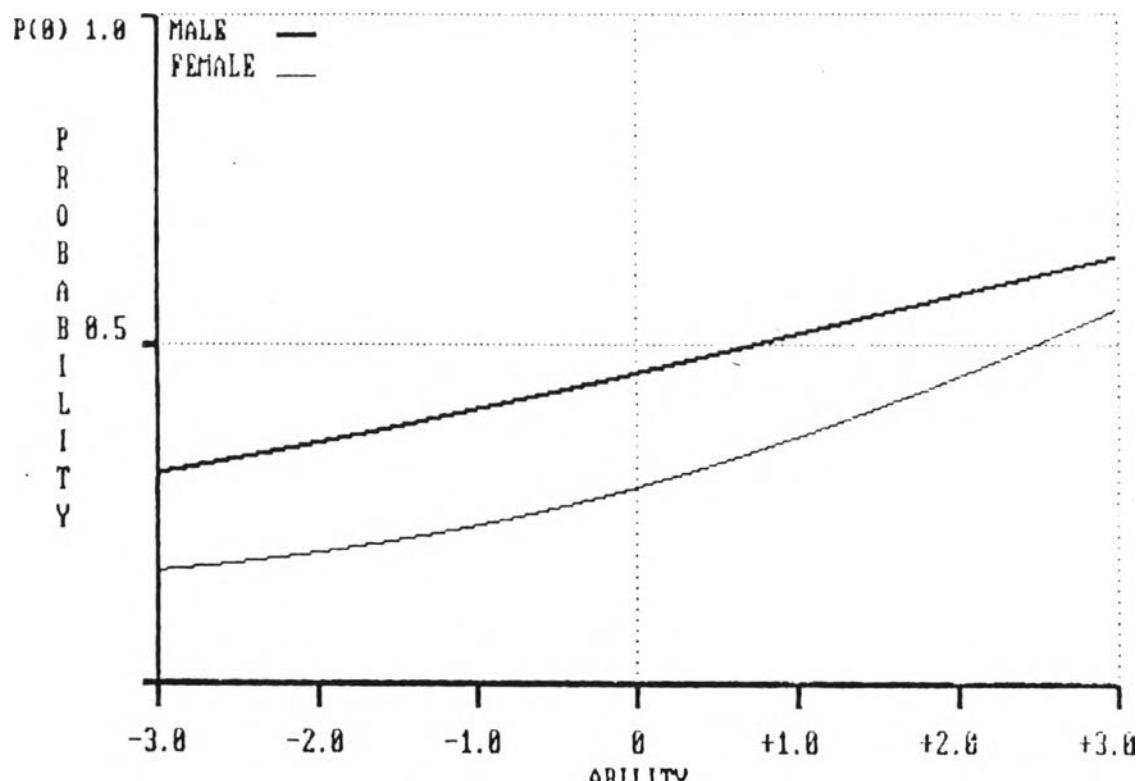


FIGURE 179 PLOT ITEM CHARACTERISTIC CURVE (u070)

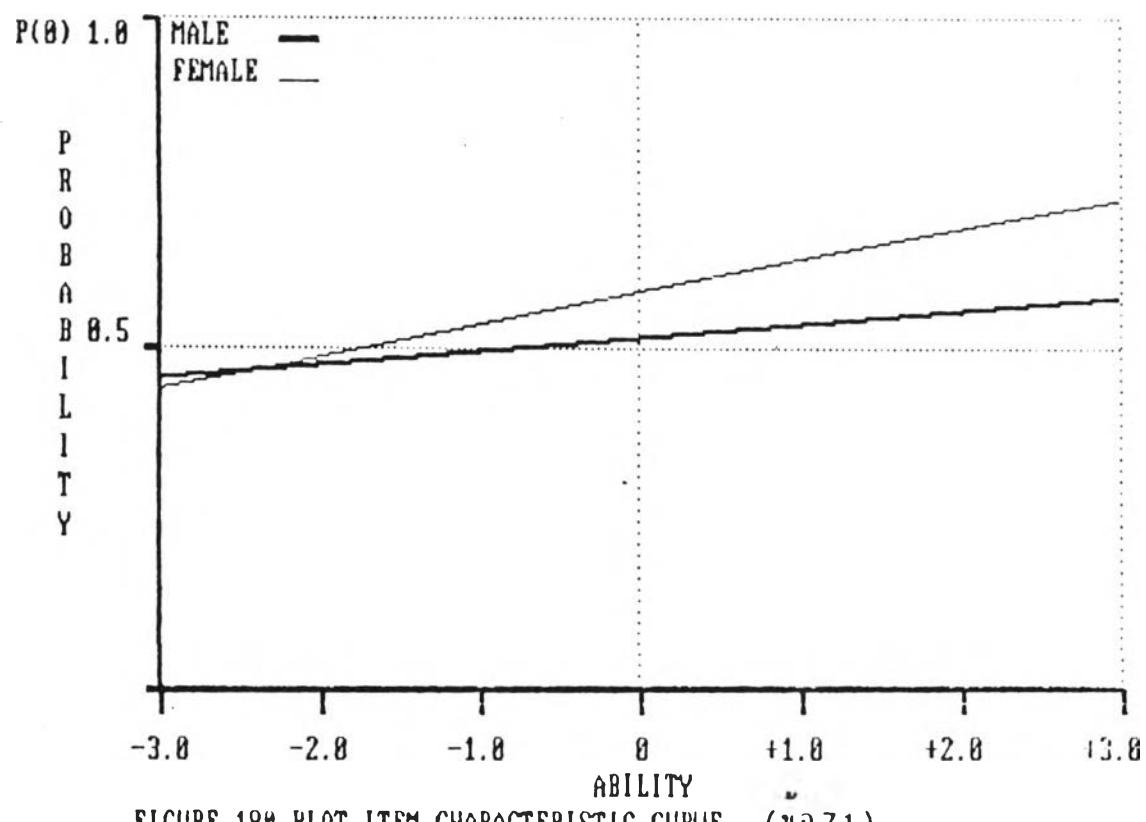


FIGURE 180 PLOT ITEM CHARACTERISTIC CURVE (u071)

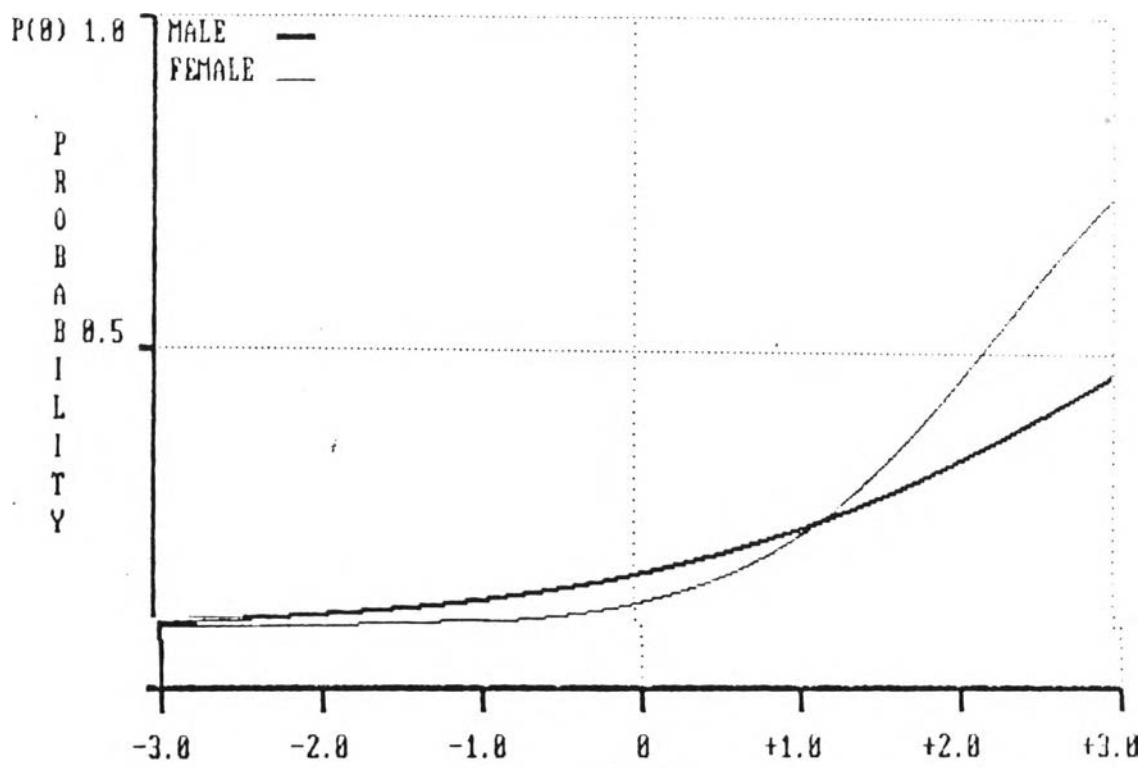


FIGURE 181 PLOT ITEM CHARACTERISTIC CURVE (n=72)

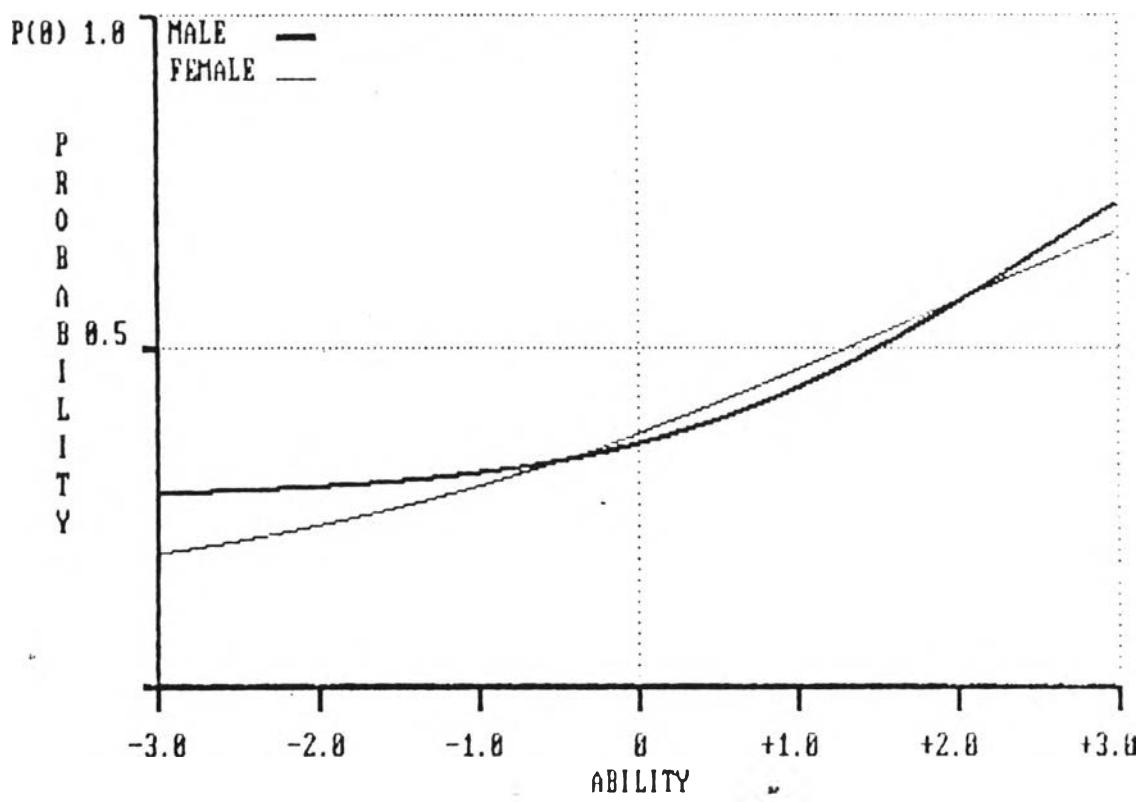


FIGURE 182 PLOT ITEM CHARACTERISTIC CURVE (n=73)

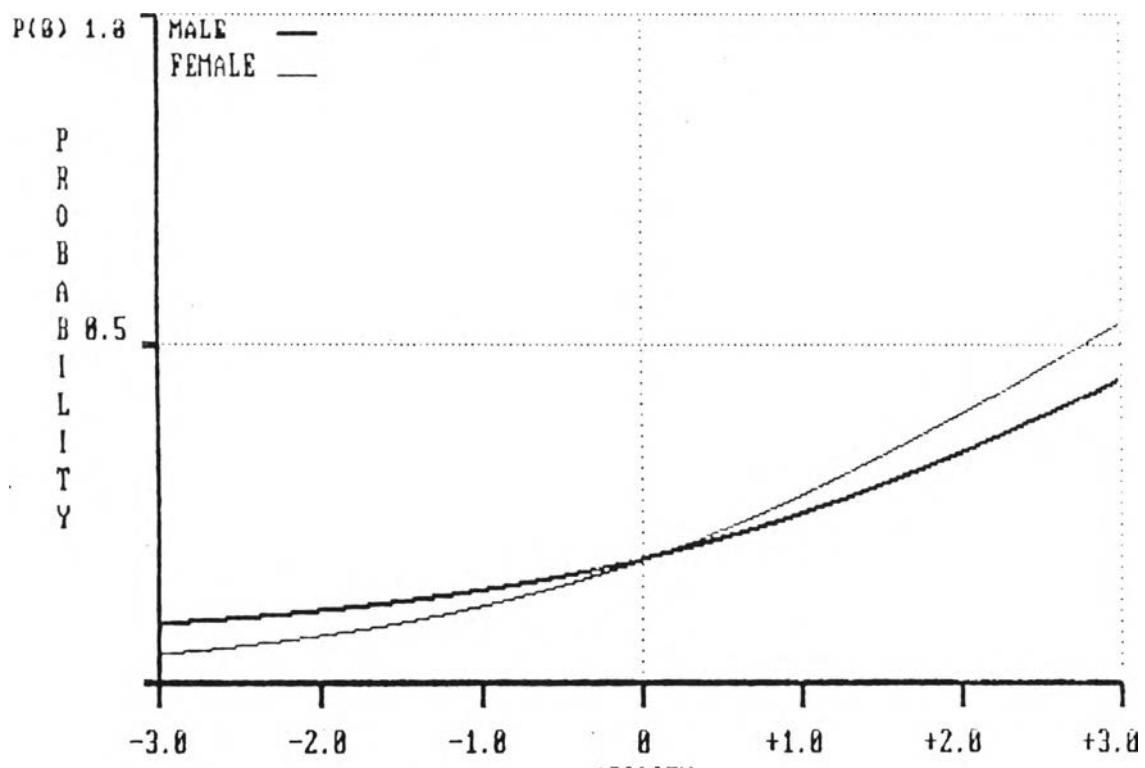


FIGURE 183 PLOT ITEM CHARACTERISTIC CURVE (n=75)

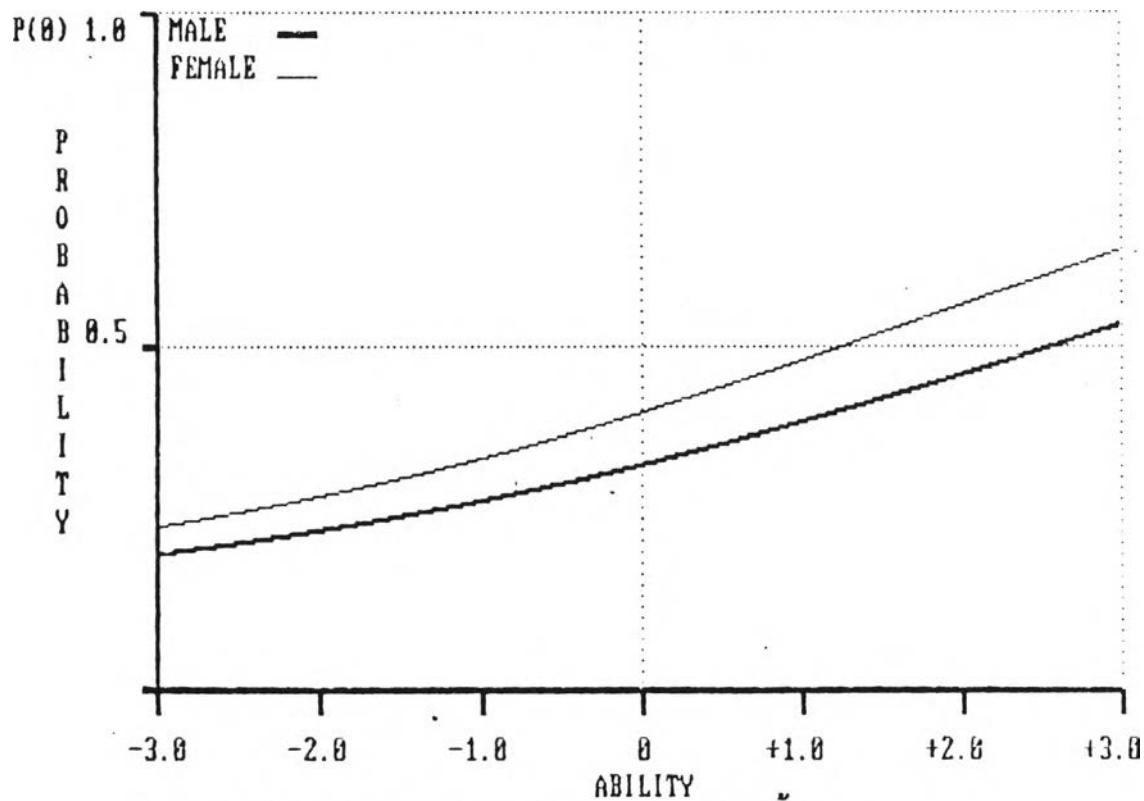


FIGURE 184 PLOT ITEM CHARACTERISTIC CURVE (n=76)

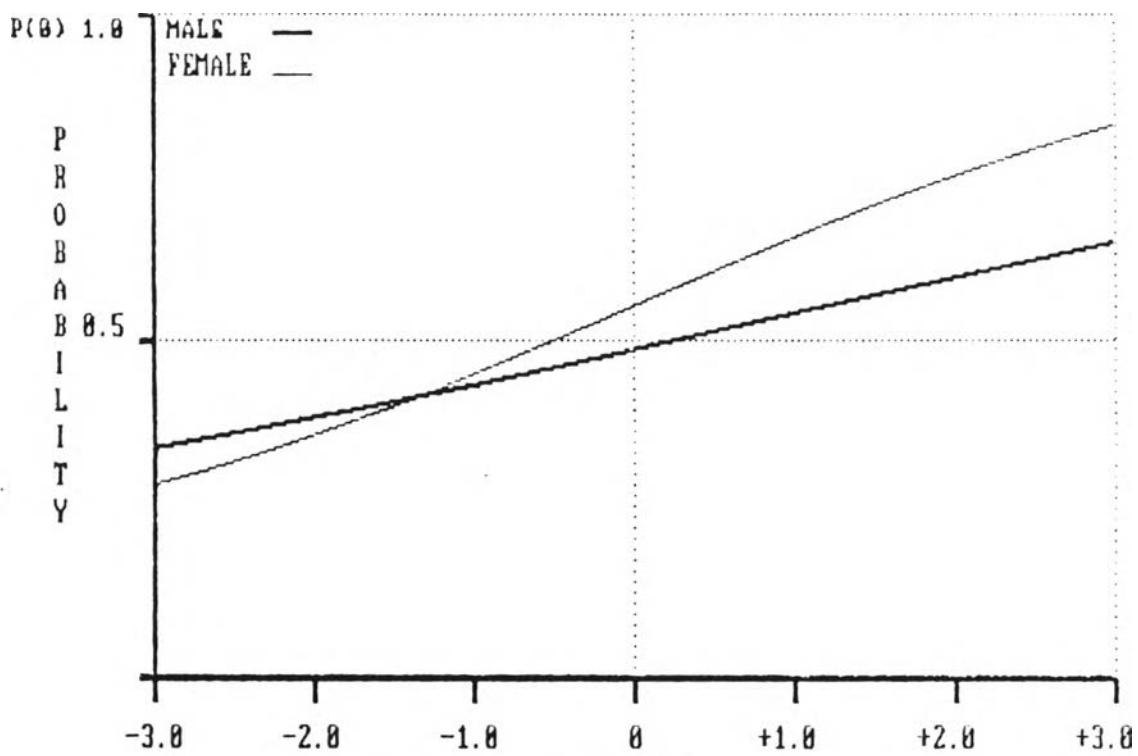


FIGURE 185 PLOT ITEM CHARACTERISTIC CURVE (və77)

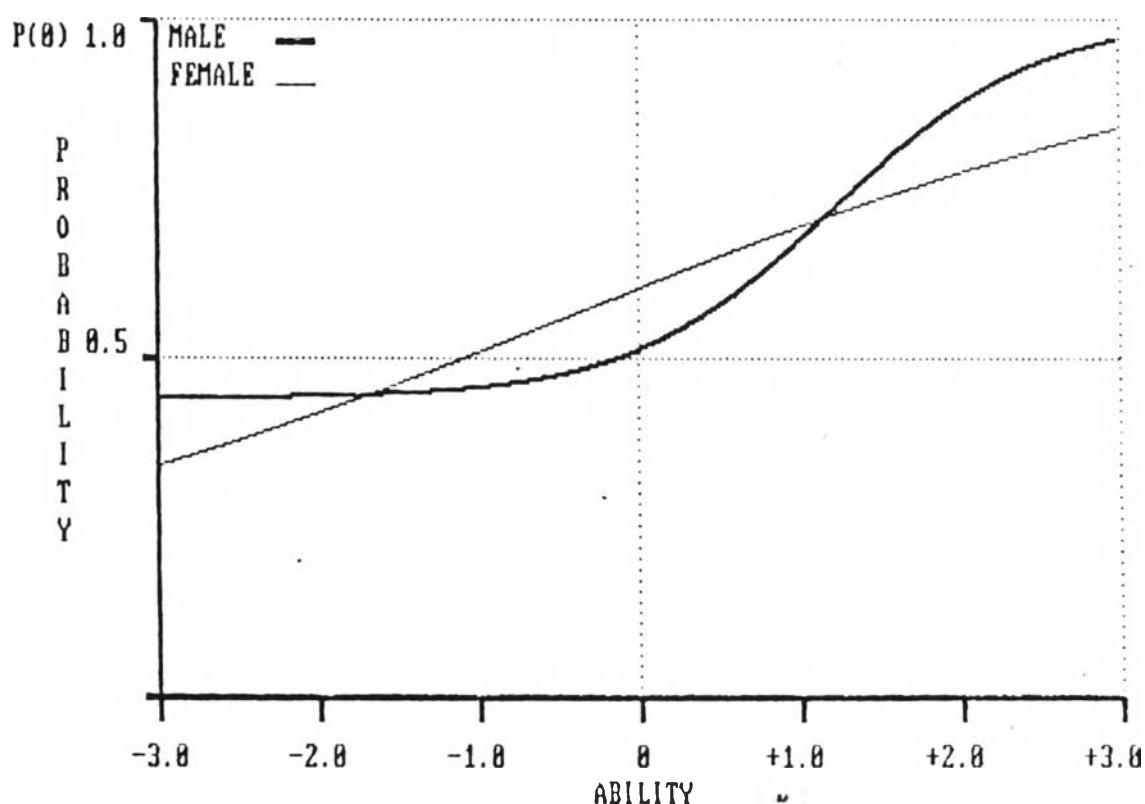


FIGURE 186 PLOT ITEM CHARACTERISTIC CURVE (və80)

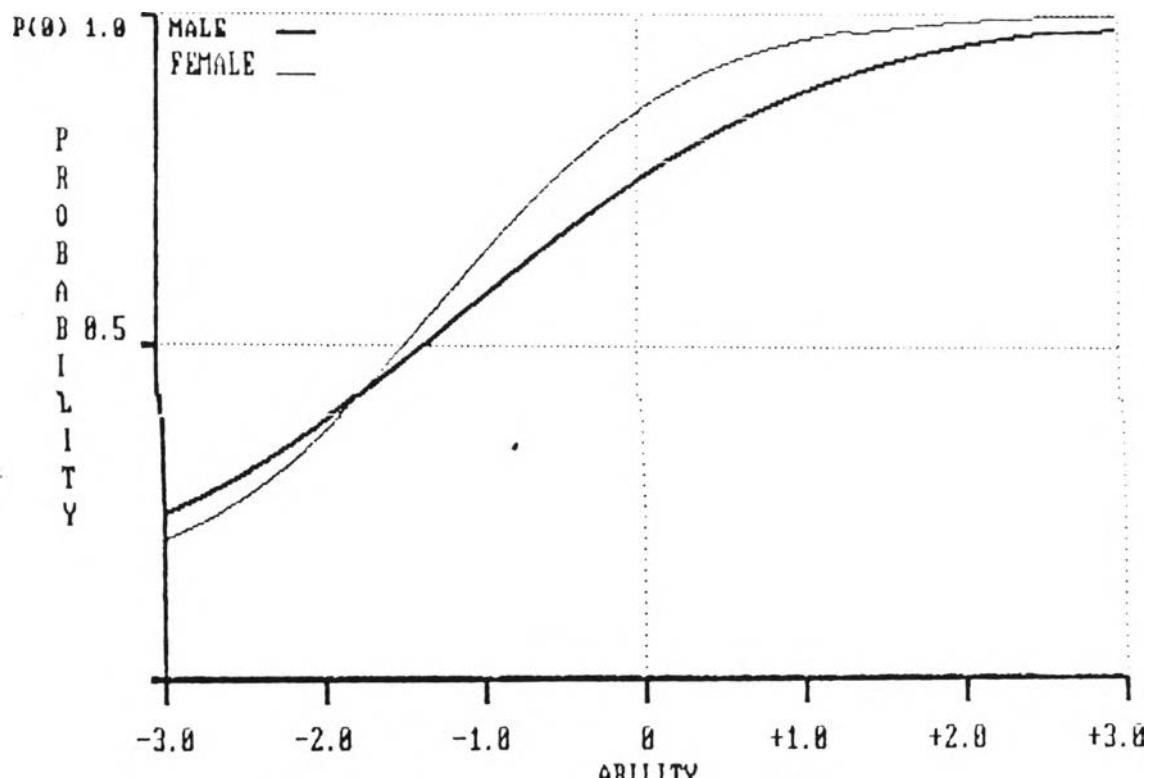


FIGURE 187 PLOT ITEM CHARACTERISTIC CURVE (v081)

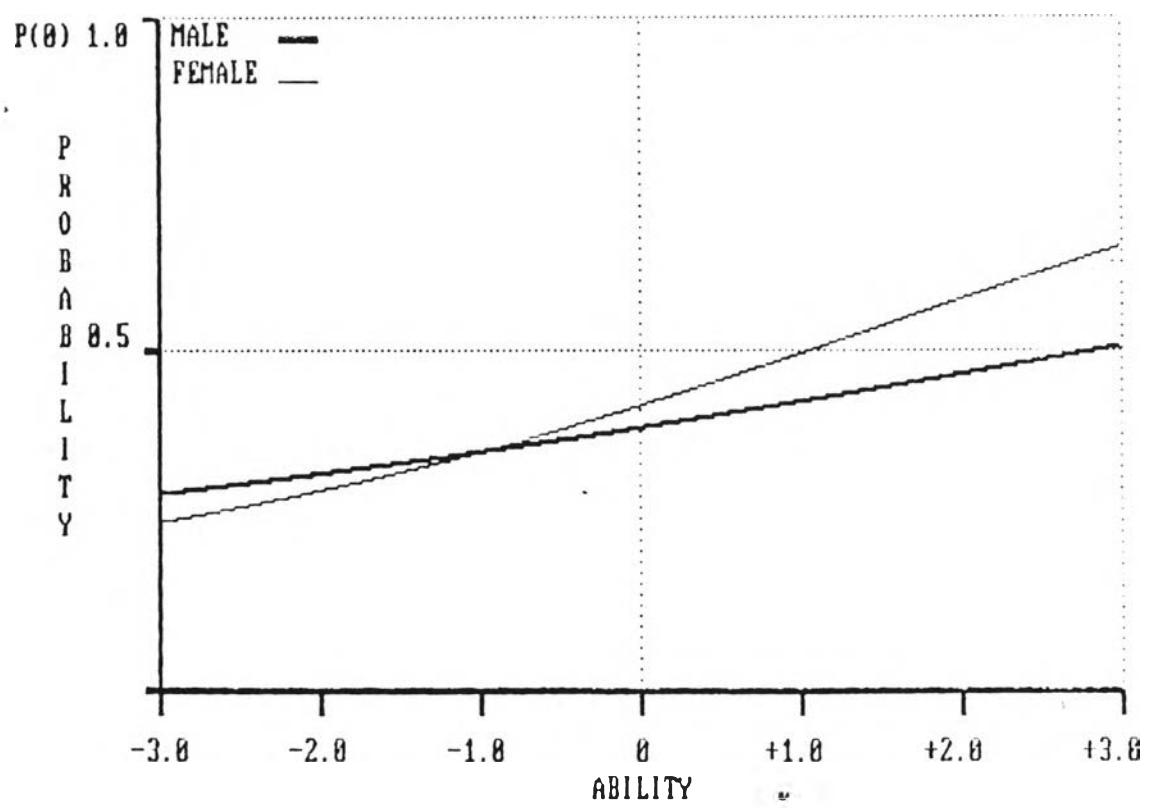


FIGURE 188 PLOT ITEM CHARACTERISTIC CURVE (v088)

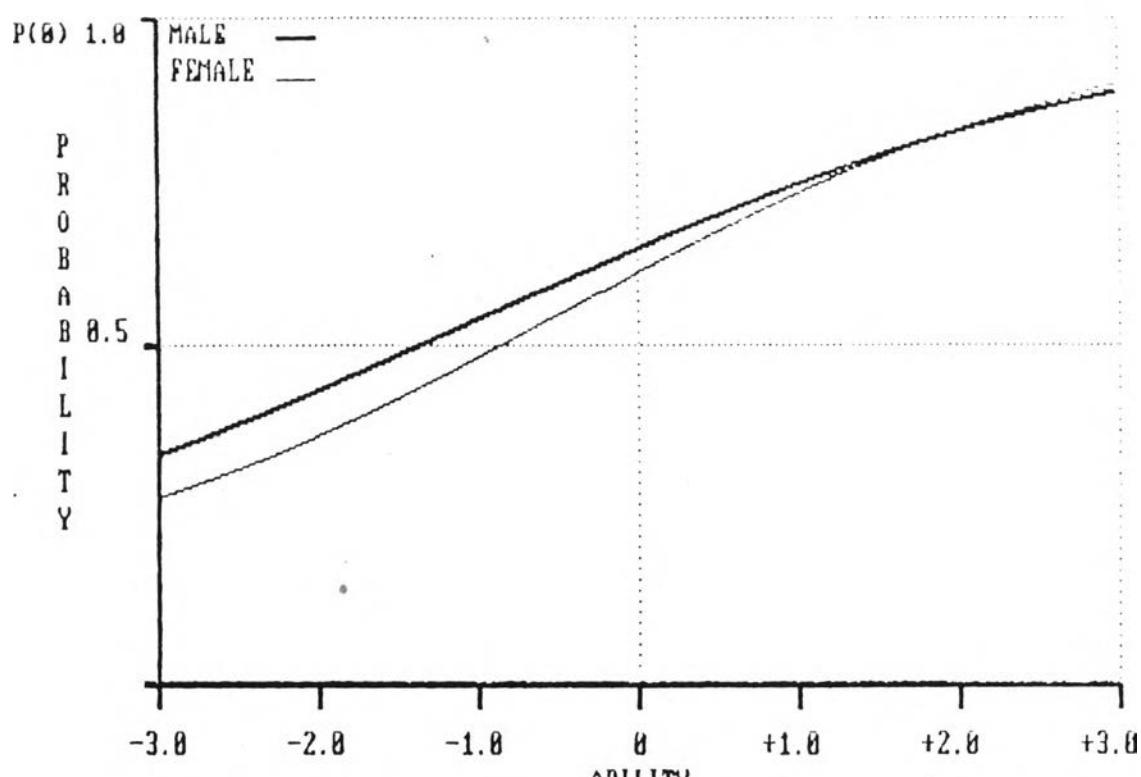


FIGURE 189 PLOT ITEM CHARACTERISTIC CURVE (n=91)

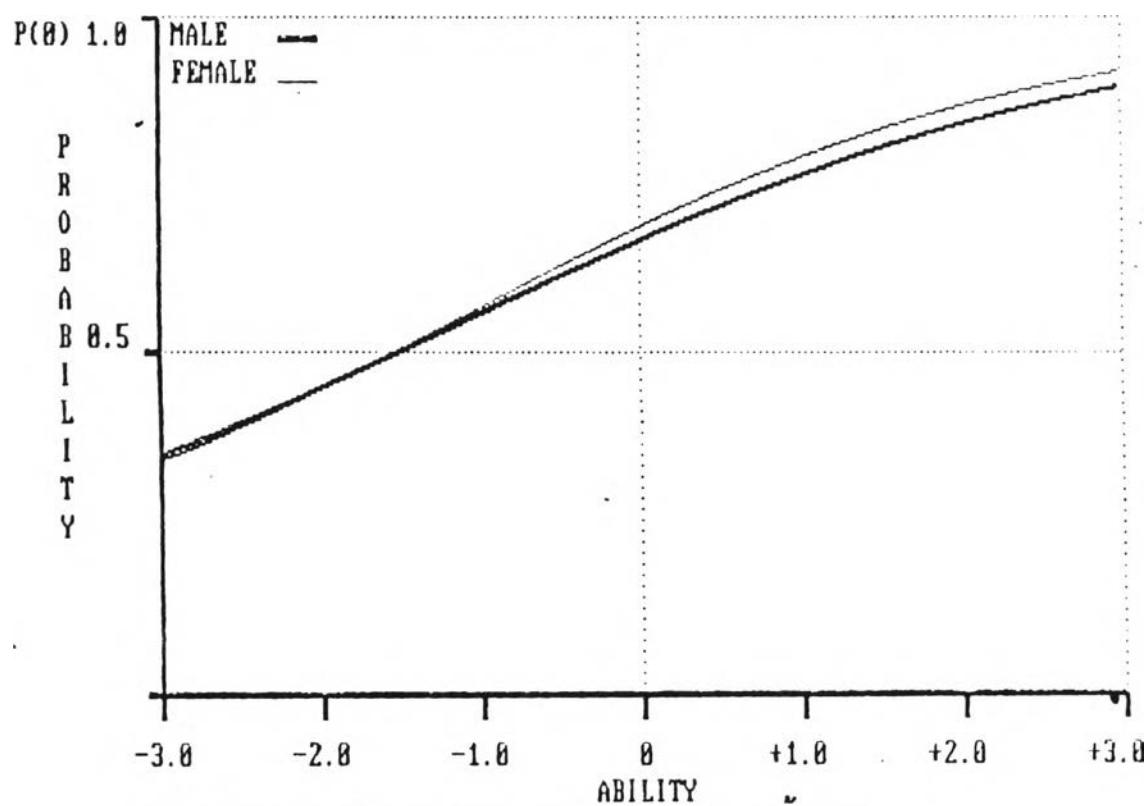


FIGURE 190 PLOT ITEM CHARACTERISTIC CURVE (n=93)

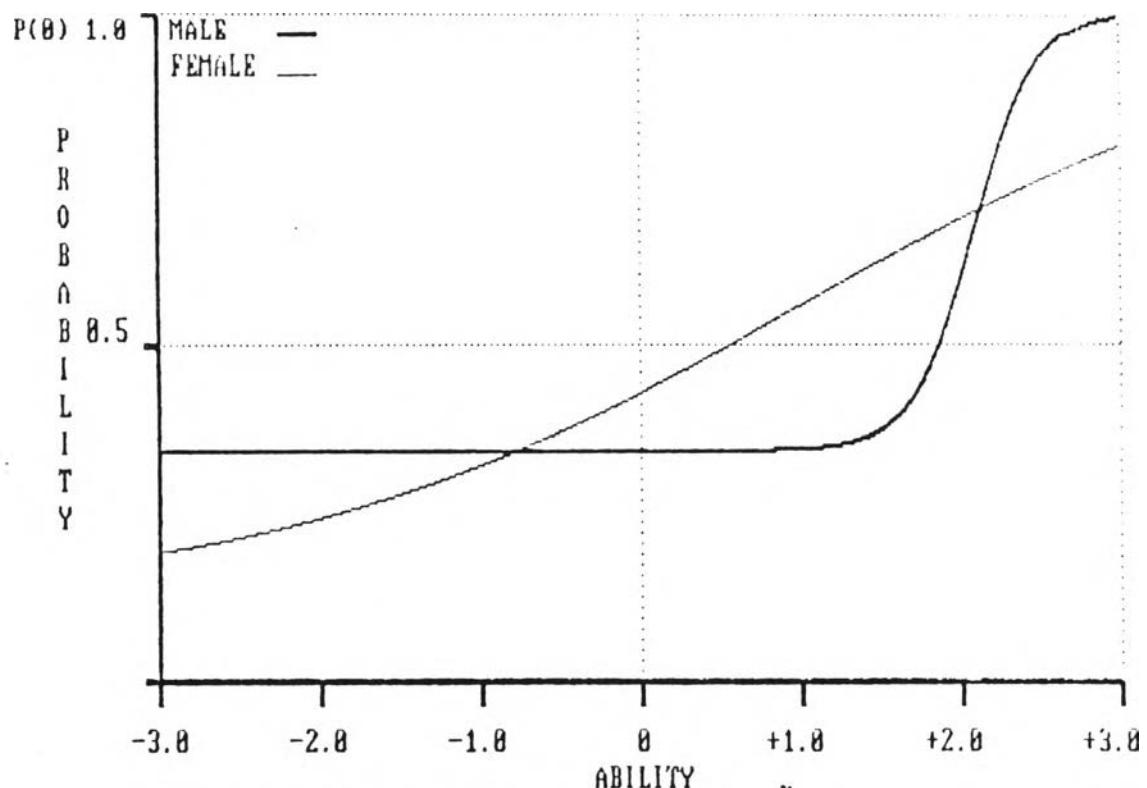


FIGURE 191 PLOT ITEM CHARACTERISTIC CURVE (v097)

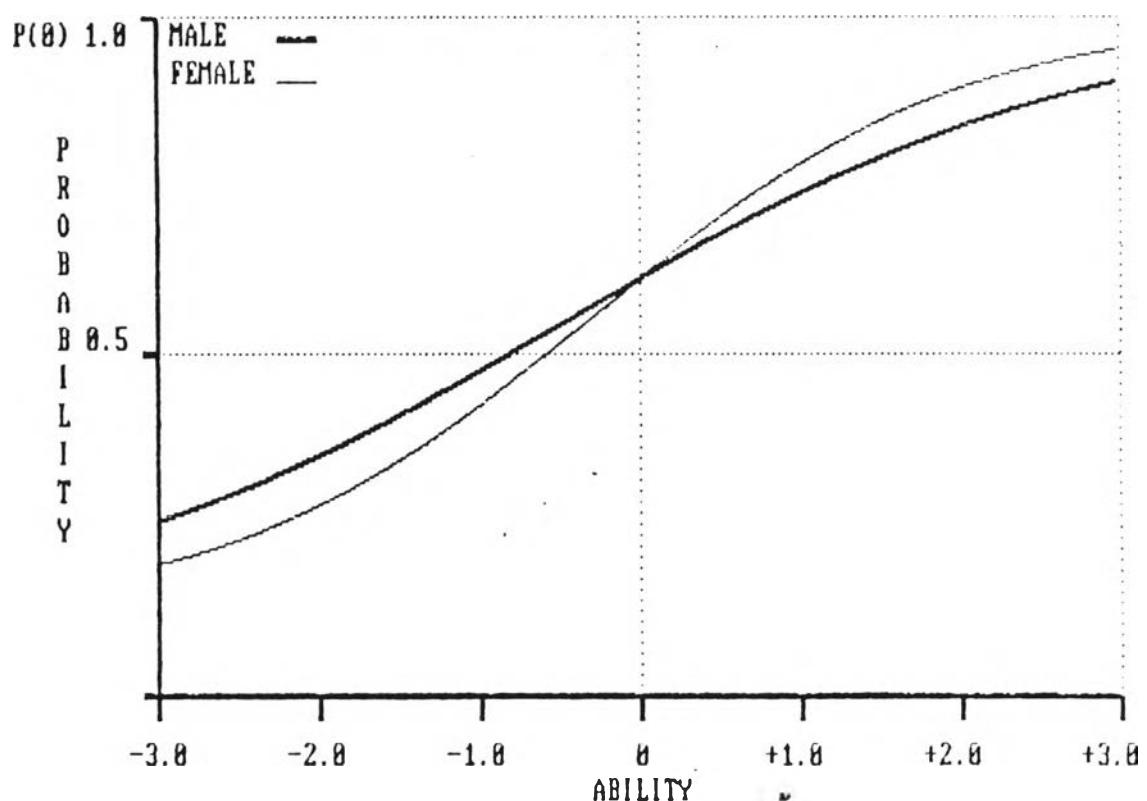


FIGURE 192 PLOT ITEM CHARACTERISTIC CURVE (v0100)

គឺជាកម្មង់រៀបចំនៃការសោរដែលមានព័ត៌មានខាងក្រោម

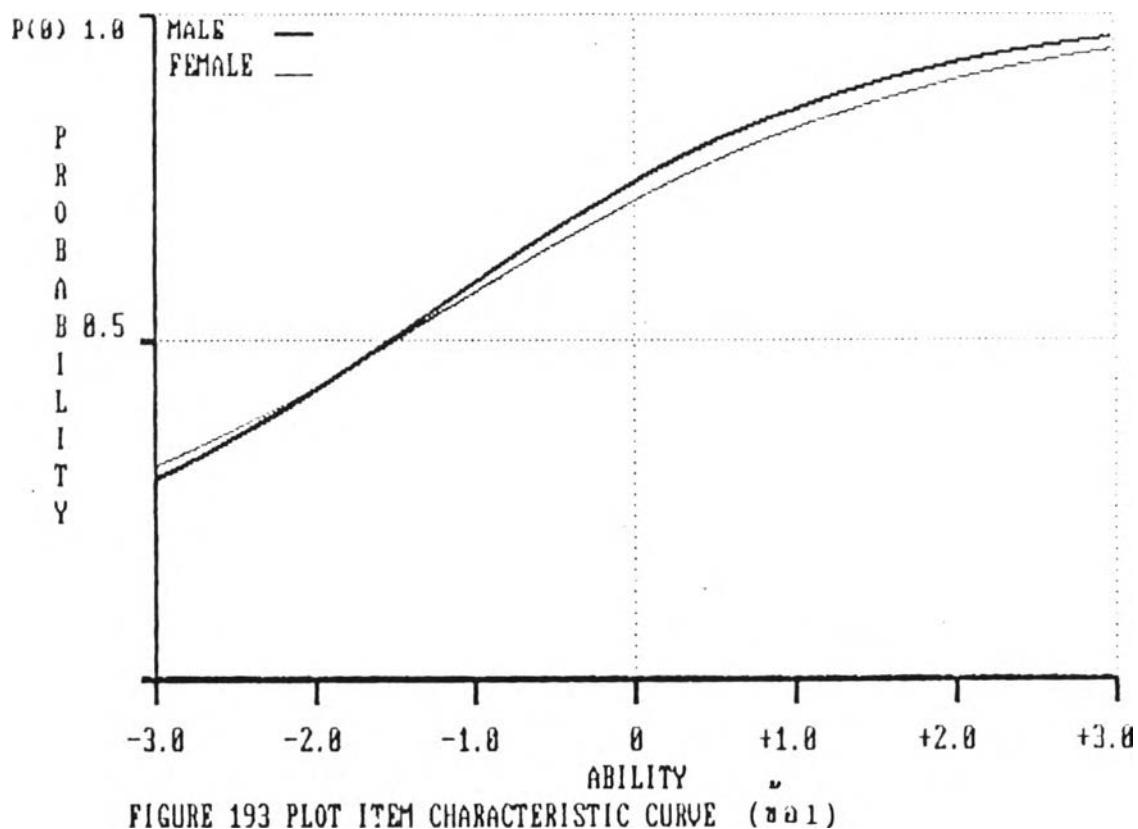


FIGURE 193 PLOT ITEM CHARACTERISTIC CURVE (n=1)

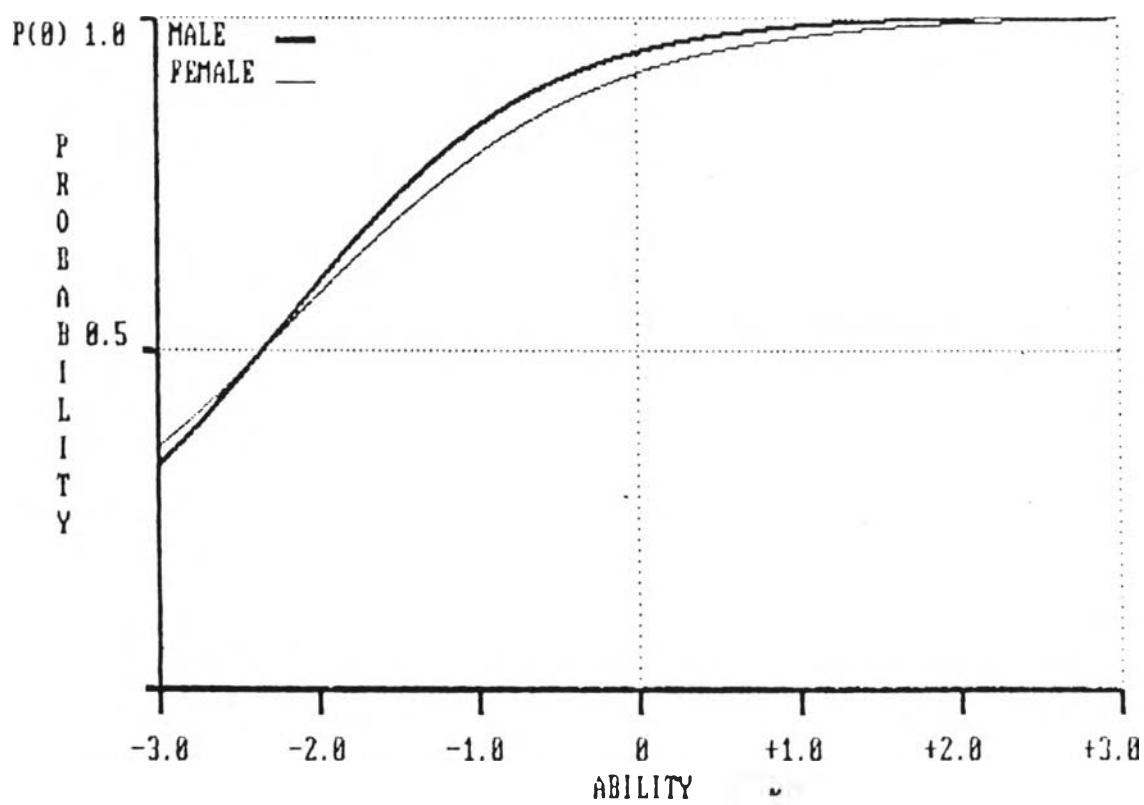


FIGURE 194 PLOT ITEM CHARACTERISTIC CURVE (n=3)

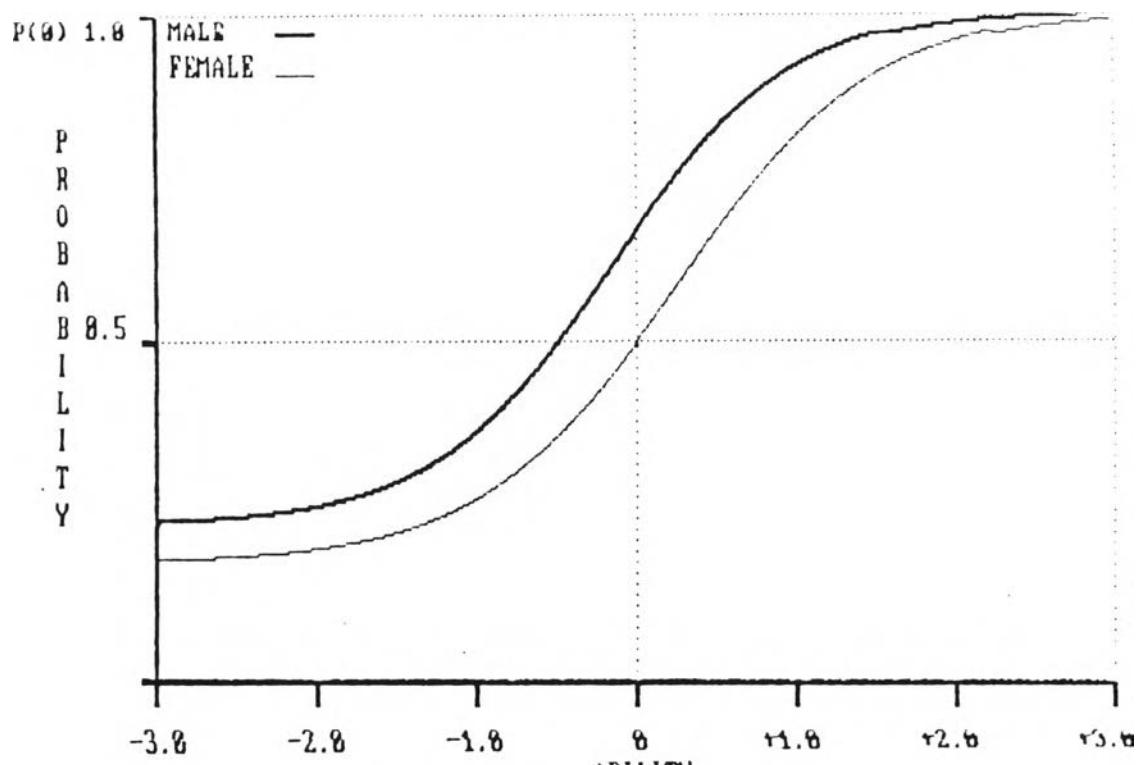


FIGURE 195 PLOT ITEM CHARACTERISTIC CURVE (n=4)

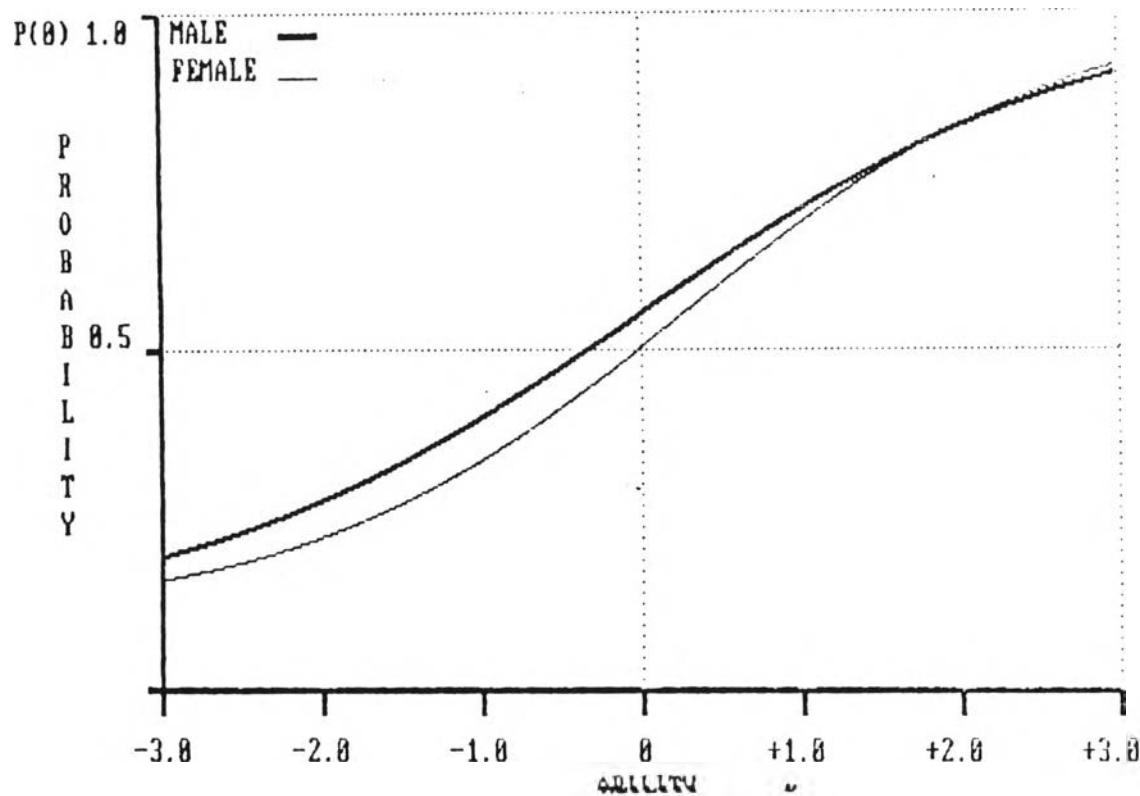


FIGURE 196 PLOT ITEM CHARACTERISTIC CURVE (n=6)

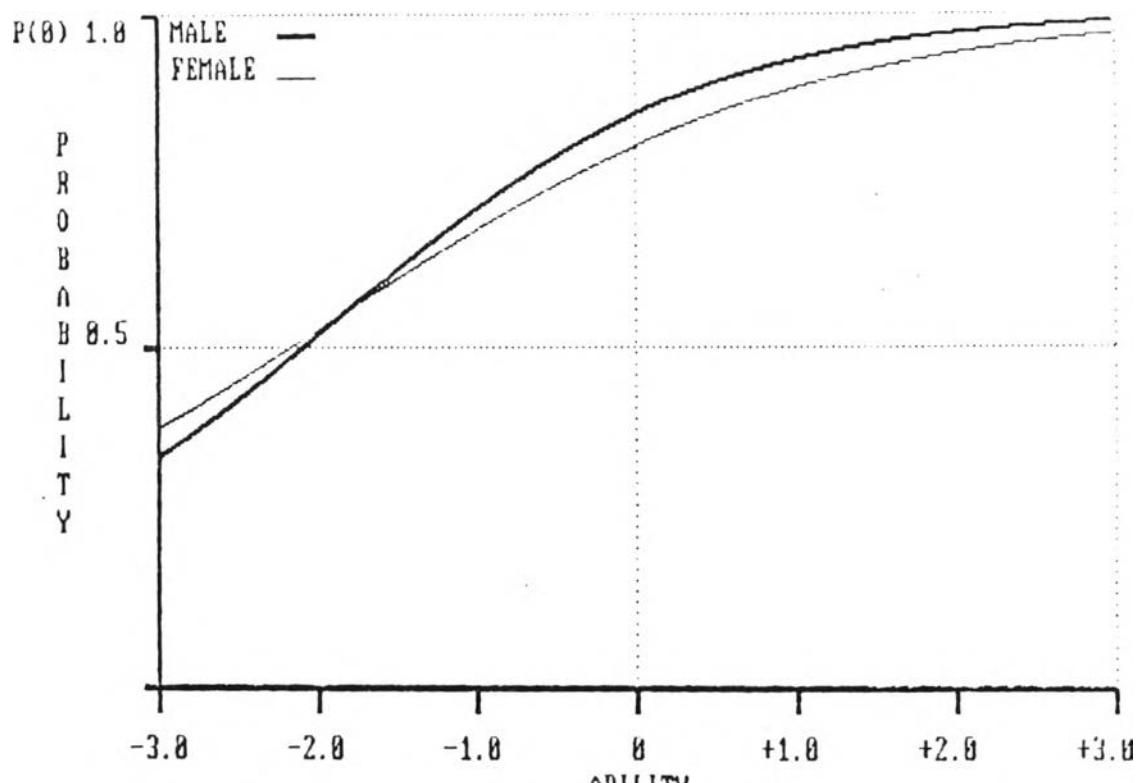


FIGURE 197 PLOT ITEM CHARACTERISTIC CURVE (207)

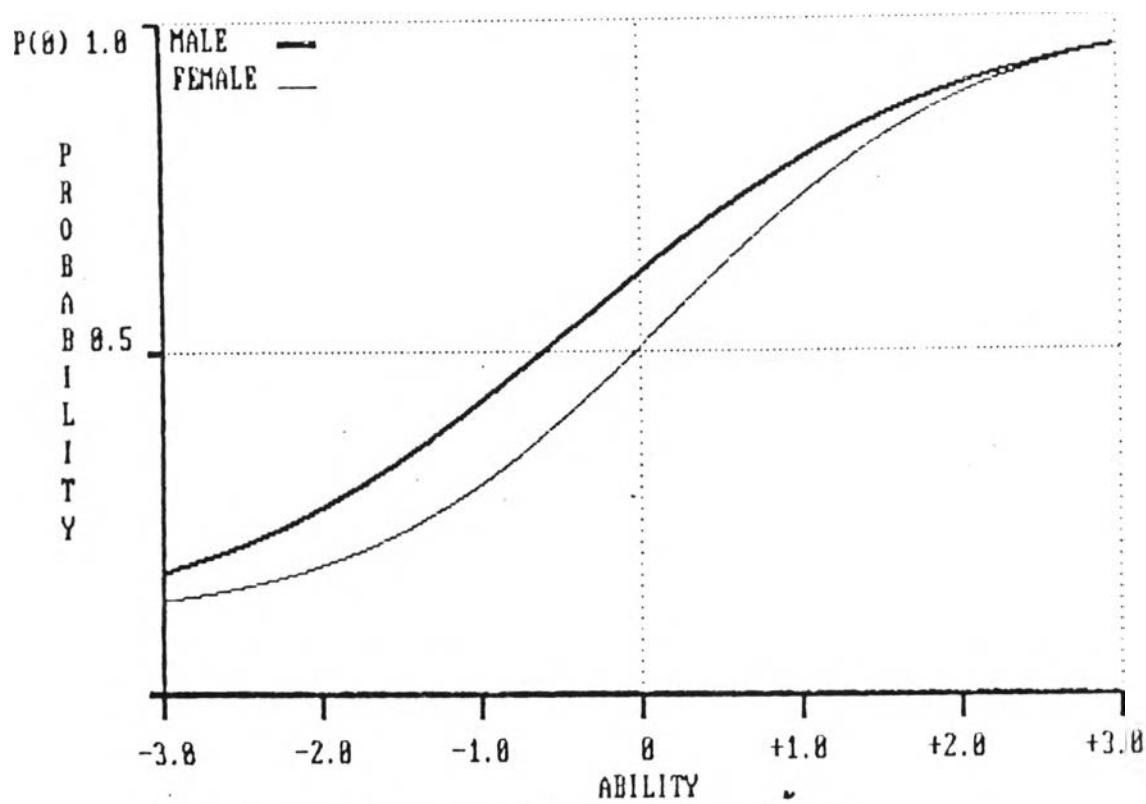


FIGURE 198 PLOT ITEM CHARACTERISTIC CURVE (208)

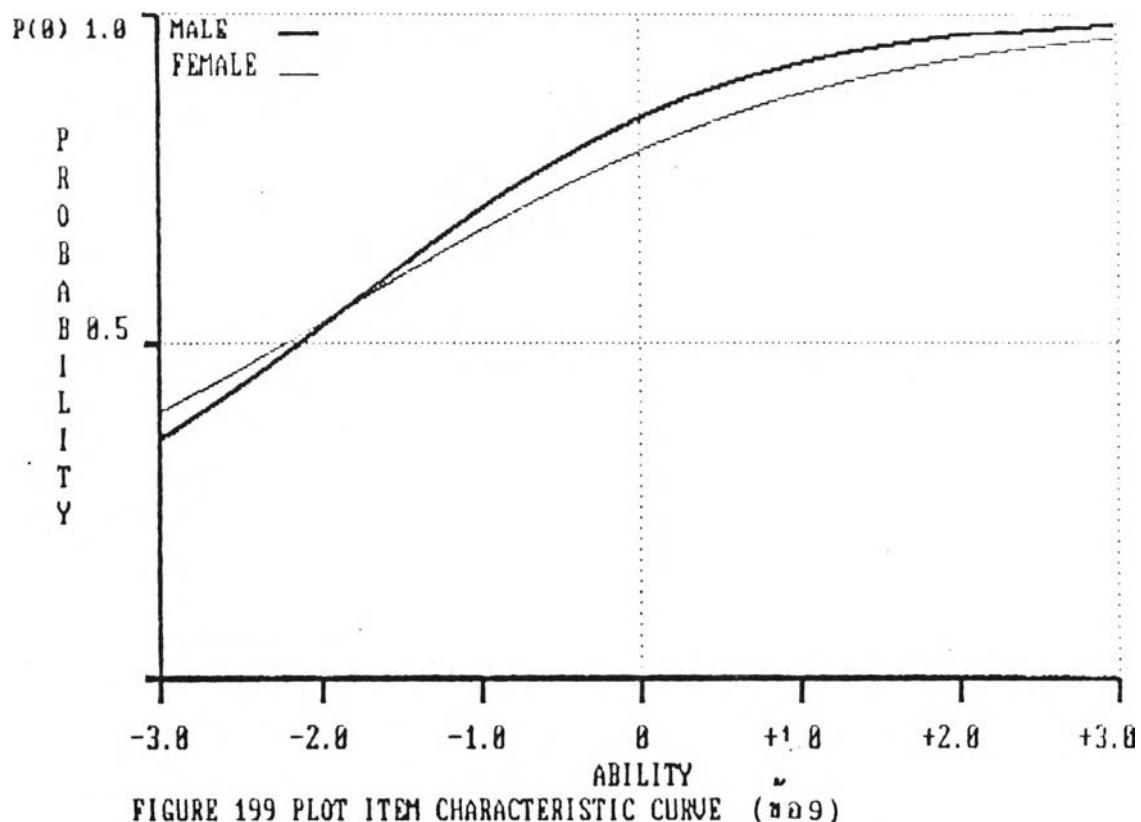


FIGURE 199 PLOT ITEM CHARACTERISTIC CURVE (n=9)

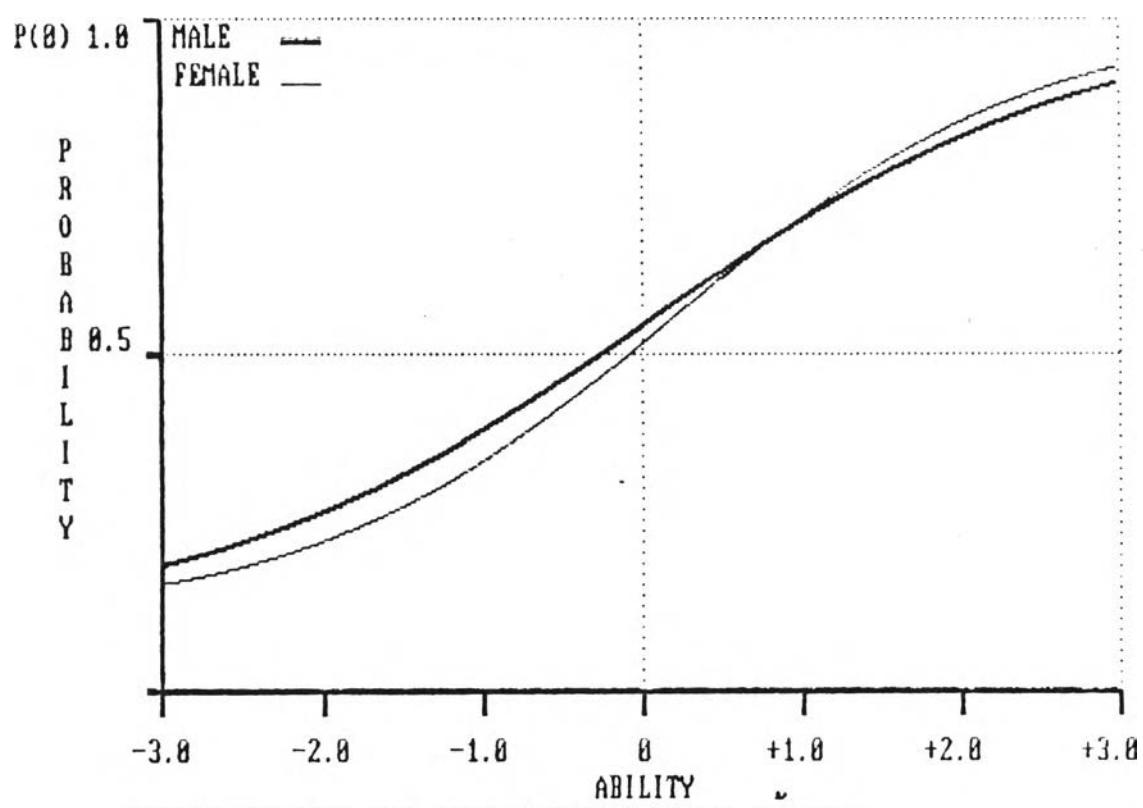


FIGURE 200 PLOT ITEM CHARACTERISTIC CURVE (n=10)

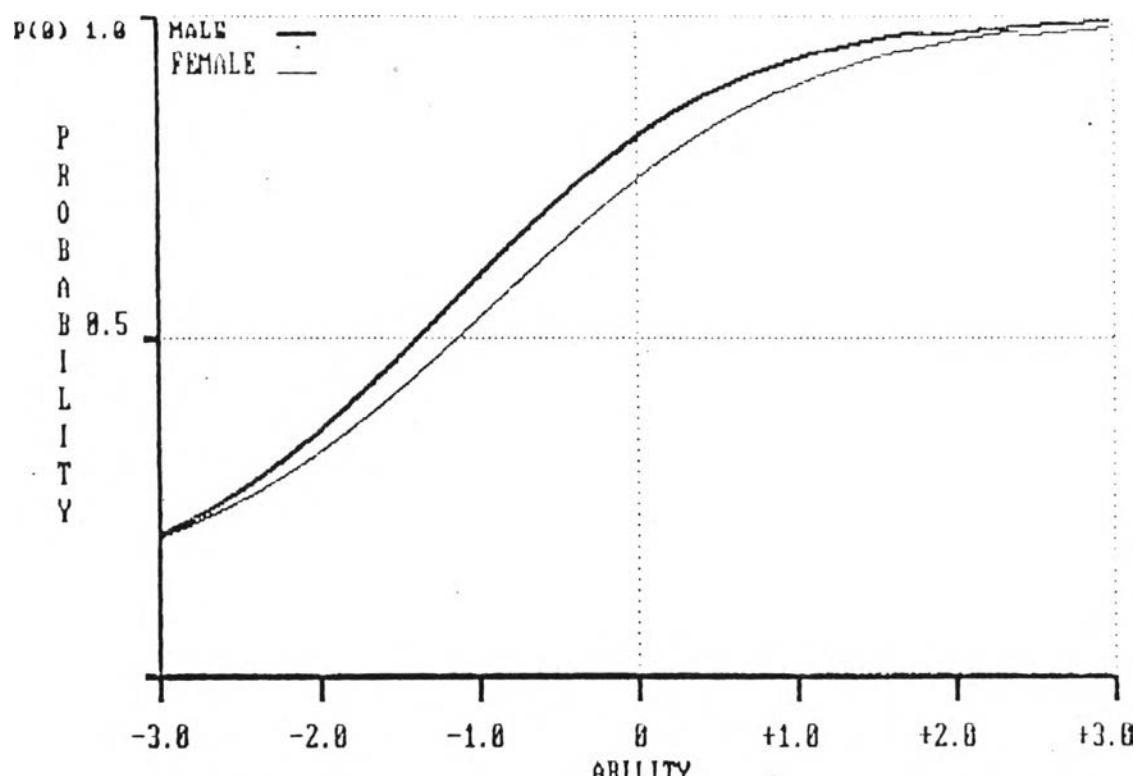


FIGURE 201 PLOT ITEM CHARACTERISTIC CURVE (ma11)

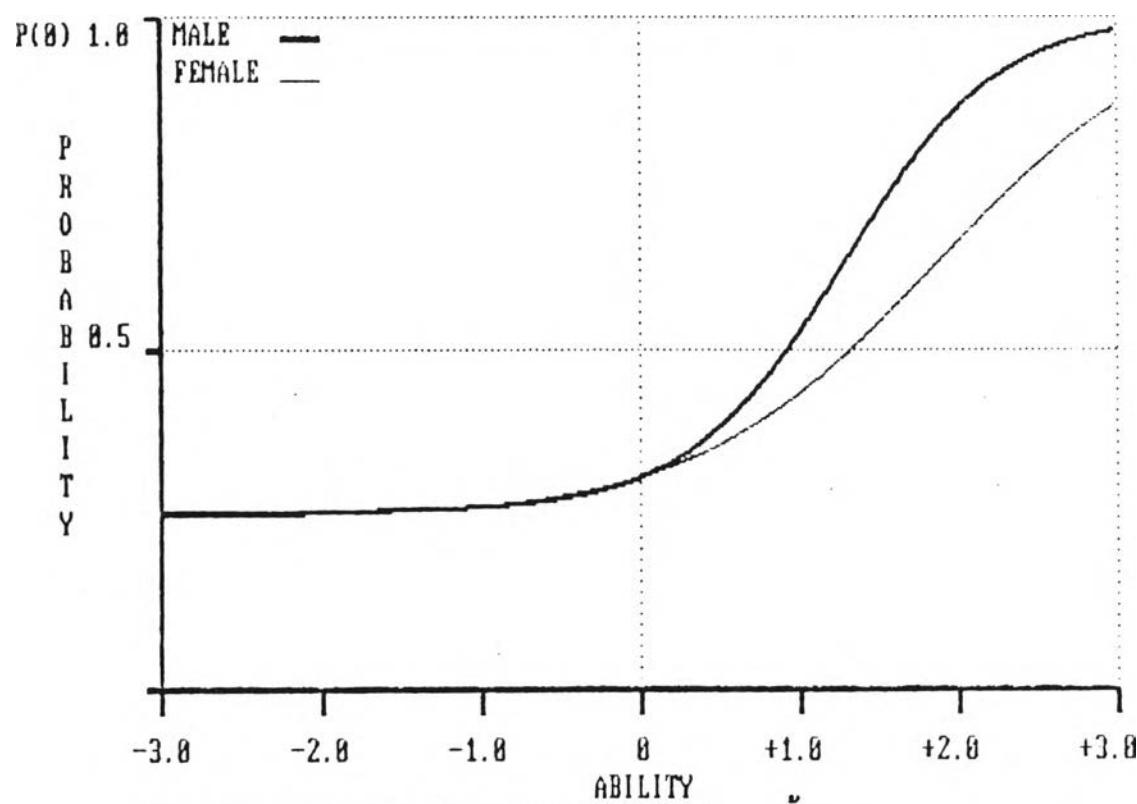


FIGURE 202 PLOT ITEM CHARACTERISTIC CURVE (ma12)

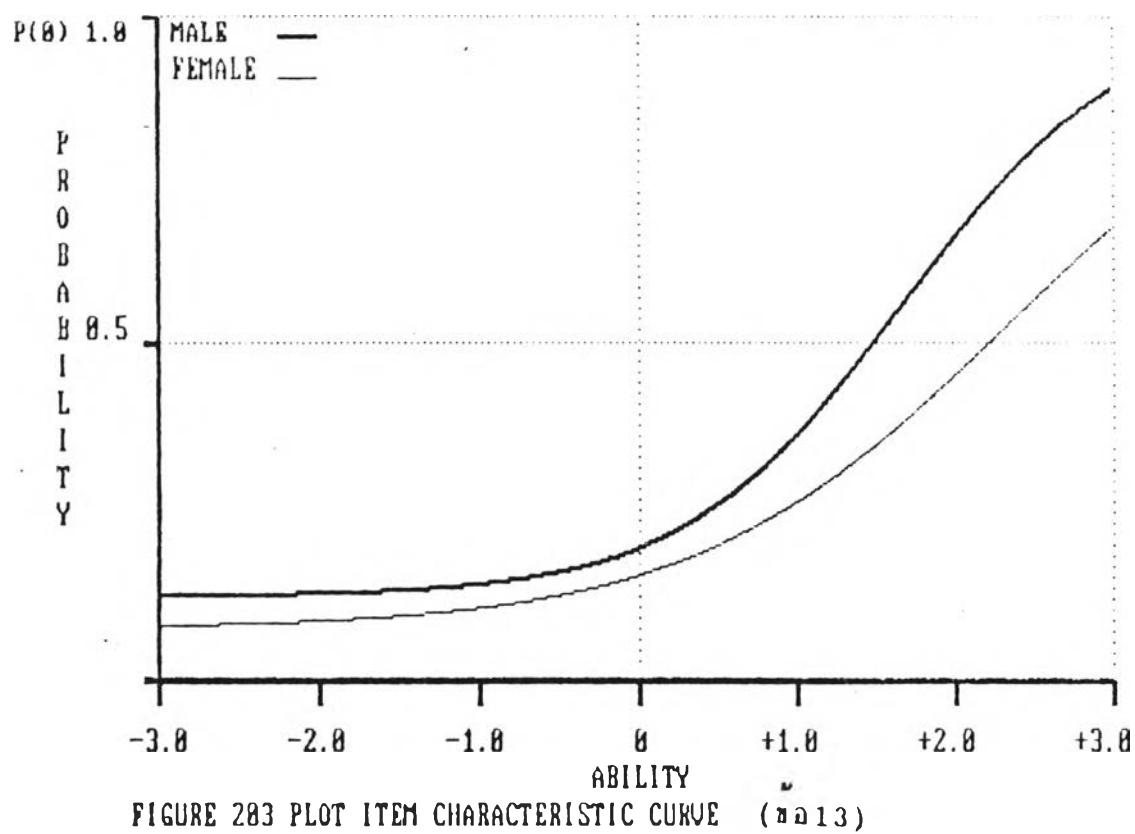


FIGURE 283 PLOT ITEM CHARACTERISTIC CURVE (n=13)

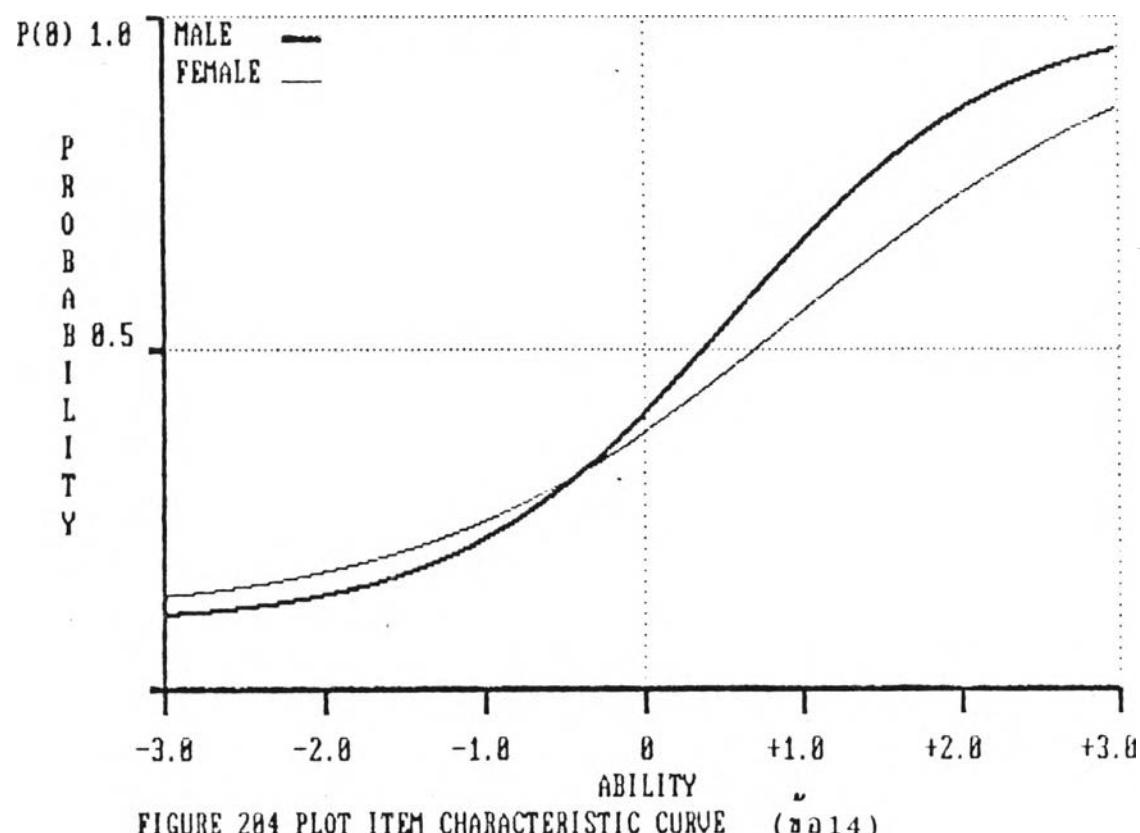


FIGURE 284 PLOT ITEM CHARACTERISTIC CURVE (n=14)

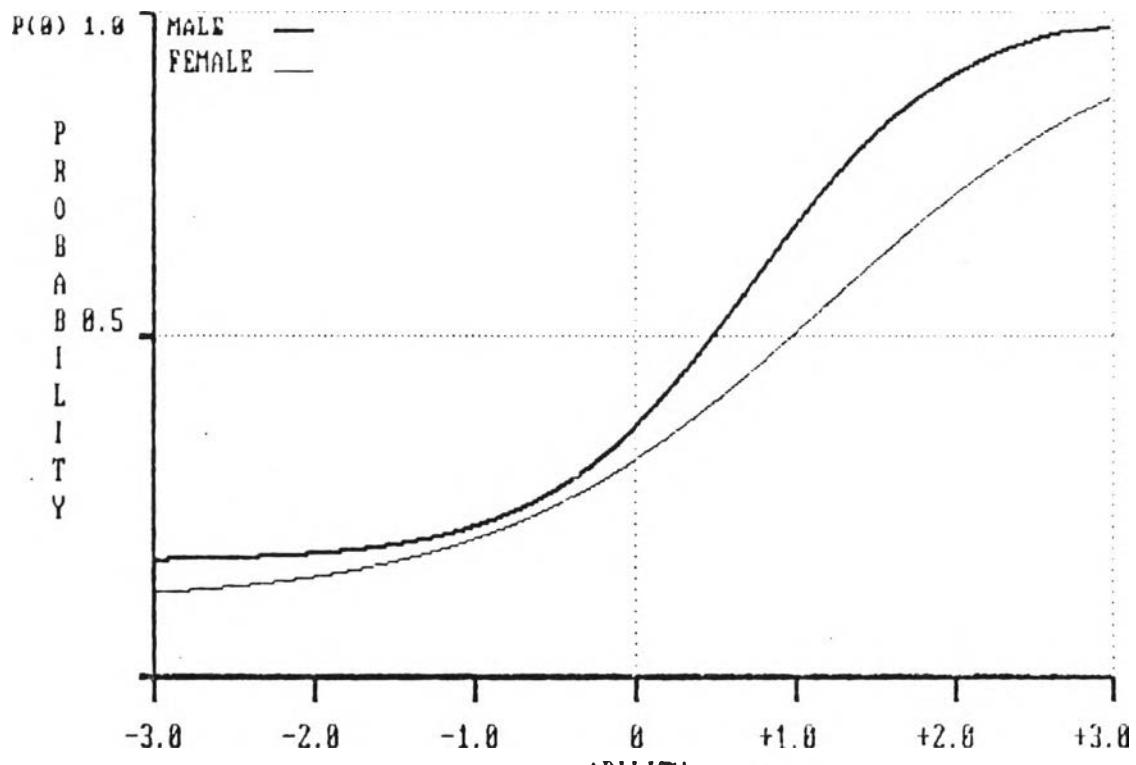


FIGURE 205 PLOT ITEM CHARACTERISTIC CURVE (n=15)

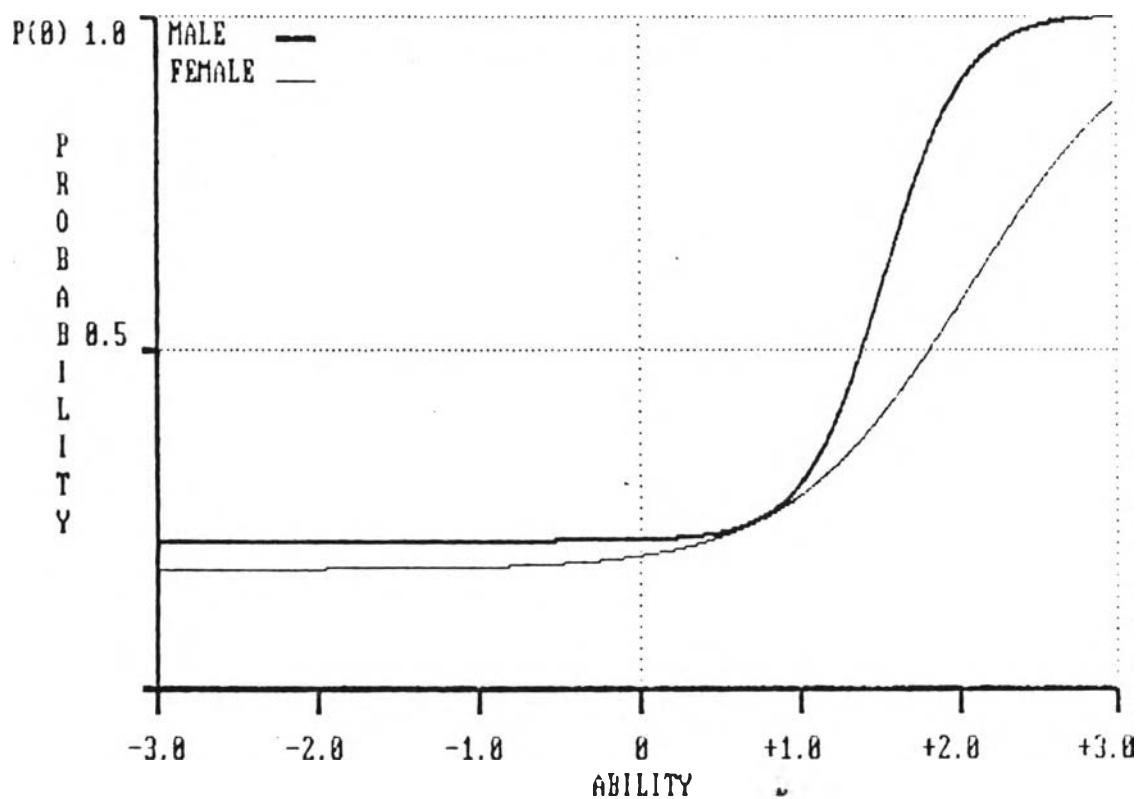


FIGURE 206 PLOT ITEM CHARACTERISTIC CURVE (n=16)

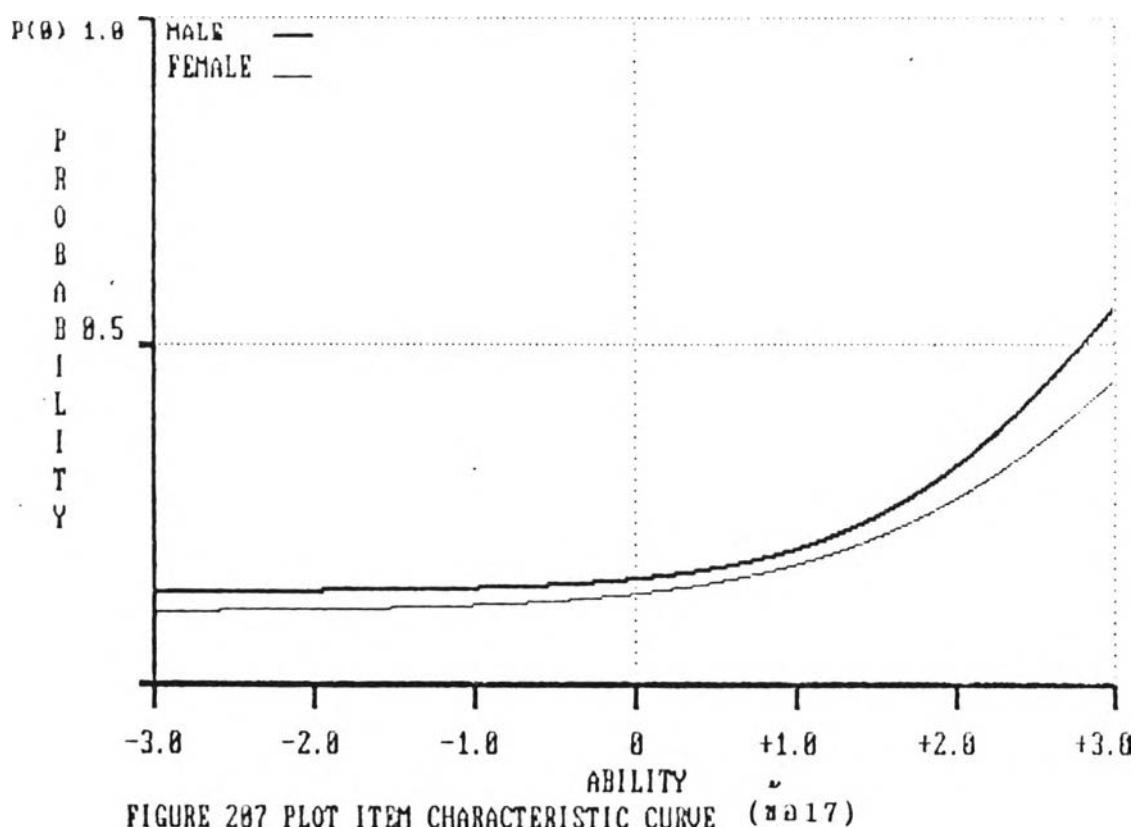


FIGURE 207 PLOT ITEM CHARACTERISTIC CURVE (n=17)

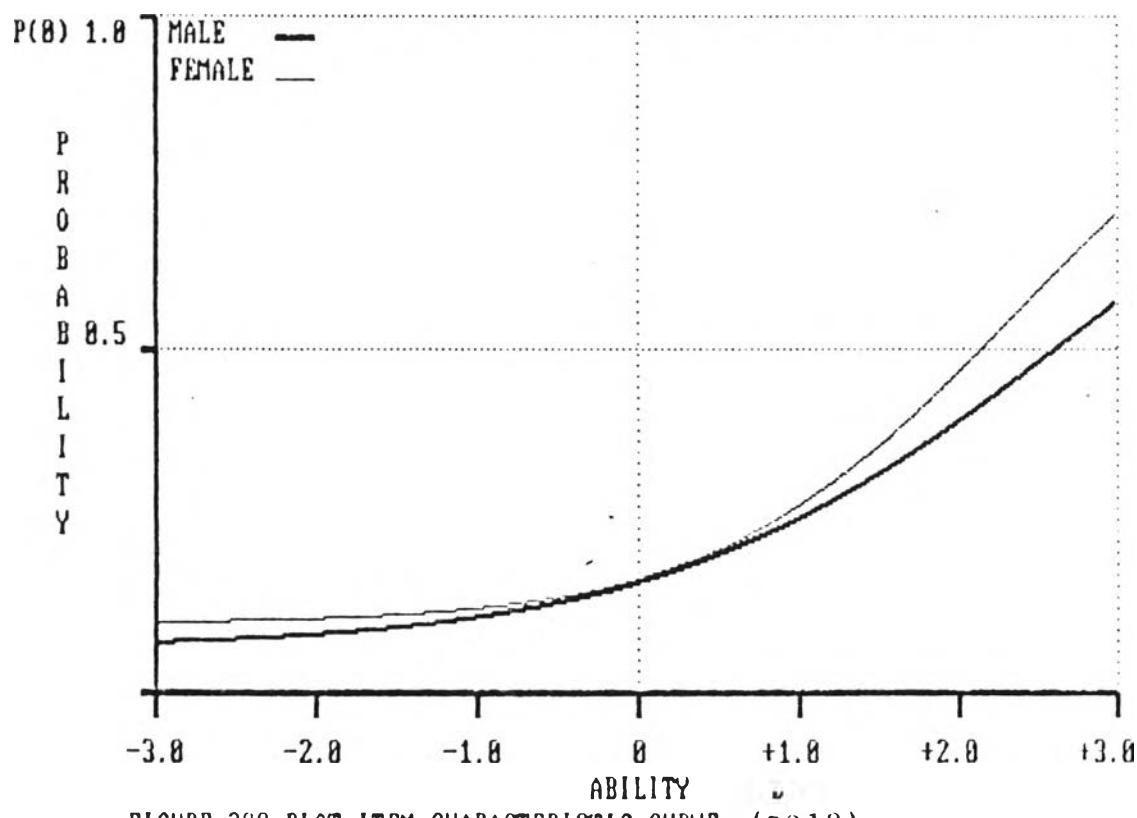


FIGURE 208 PLOT ITEM CHARACTERISTIC CURVE (n=18)

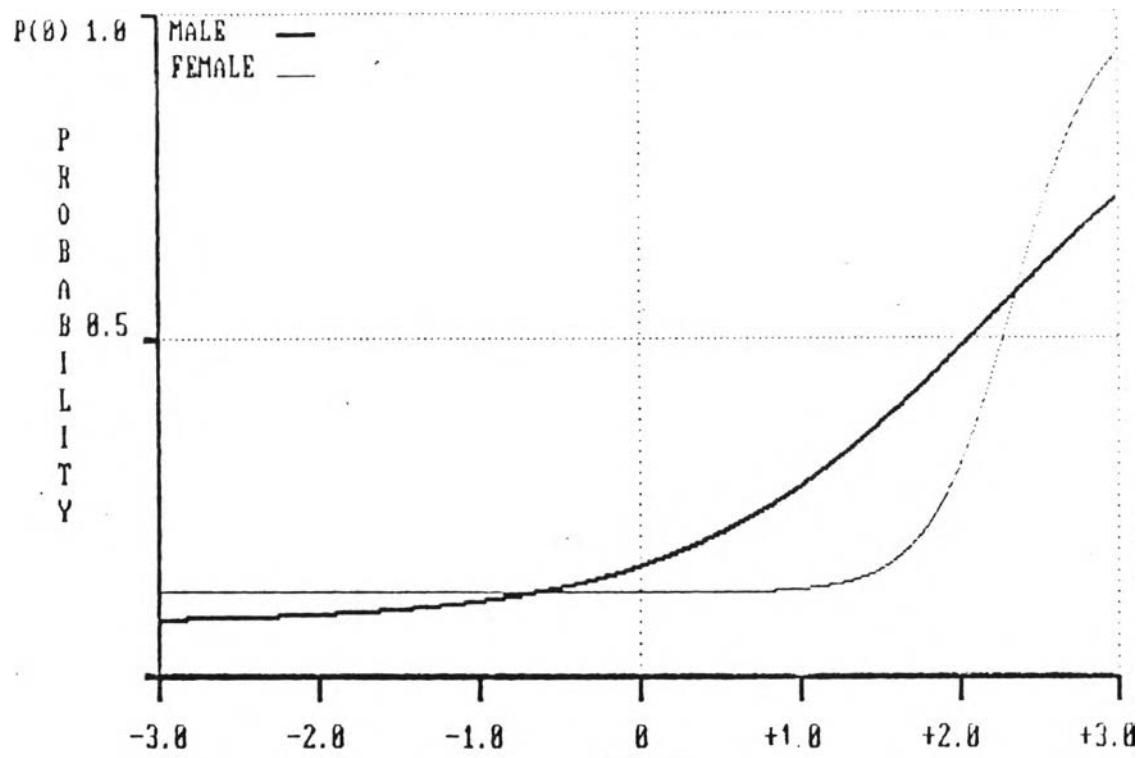


FIGURE 209 PLOT ITEM CHARACTERISTIC CURVE (n=20)

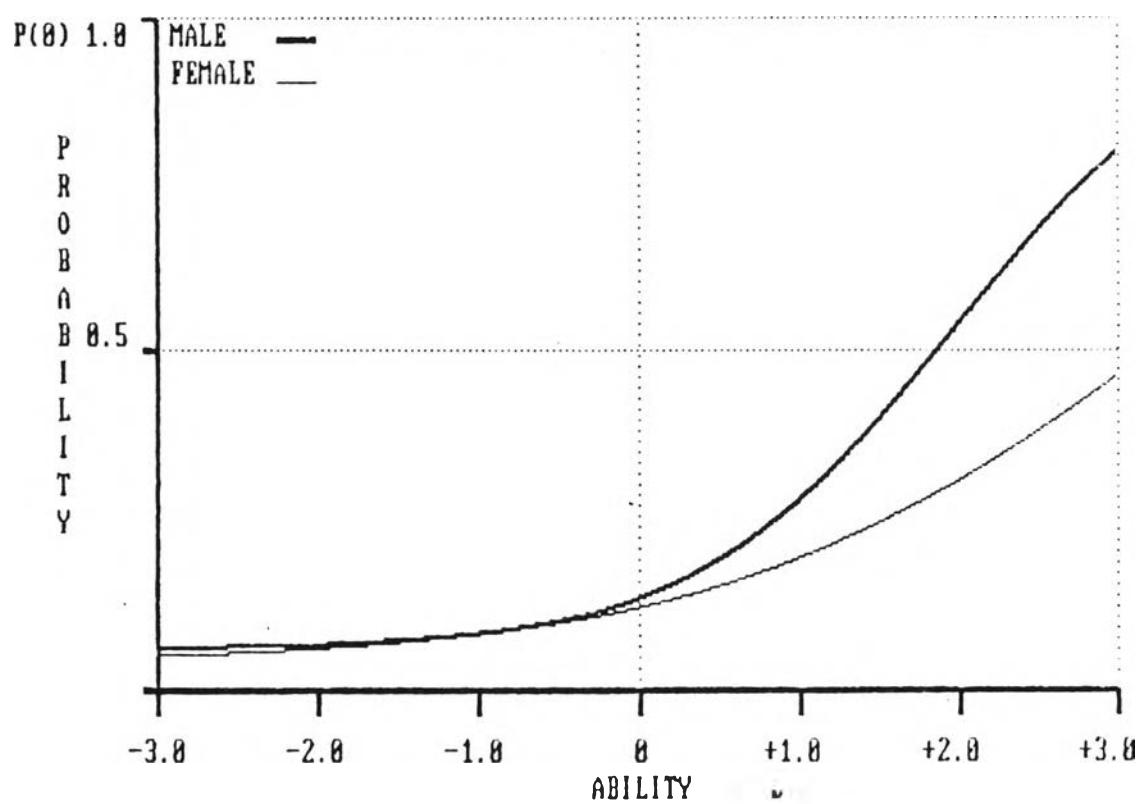
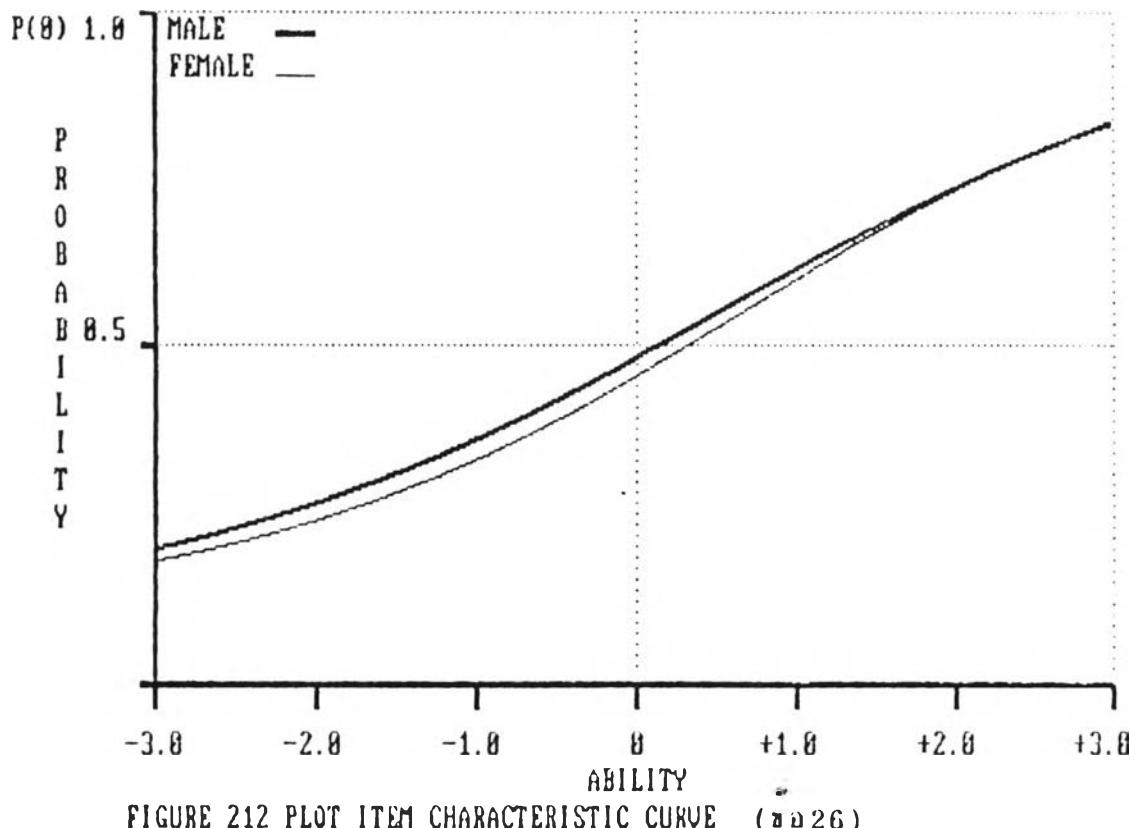
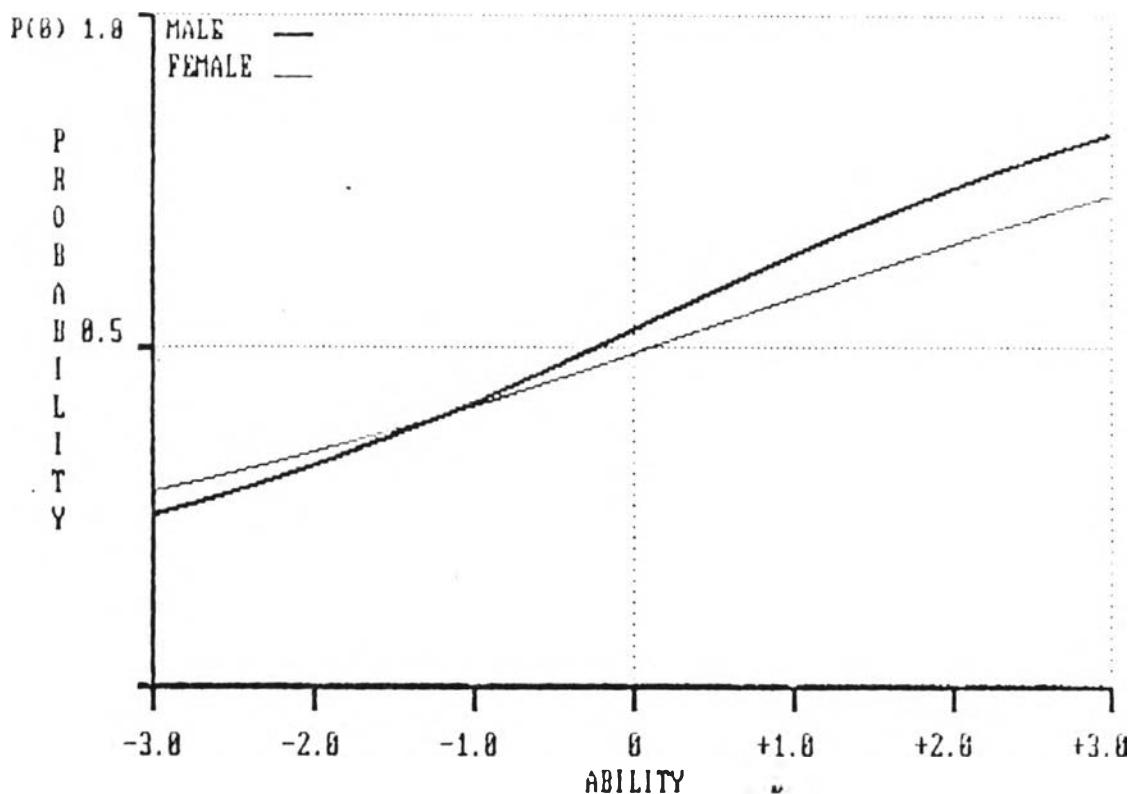


FIGURE 210 PLOT ITEM CHARACTERISTIC CURVE (n=23)



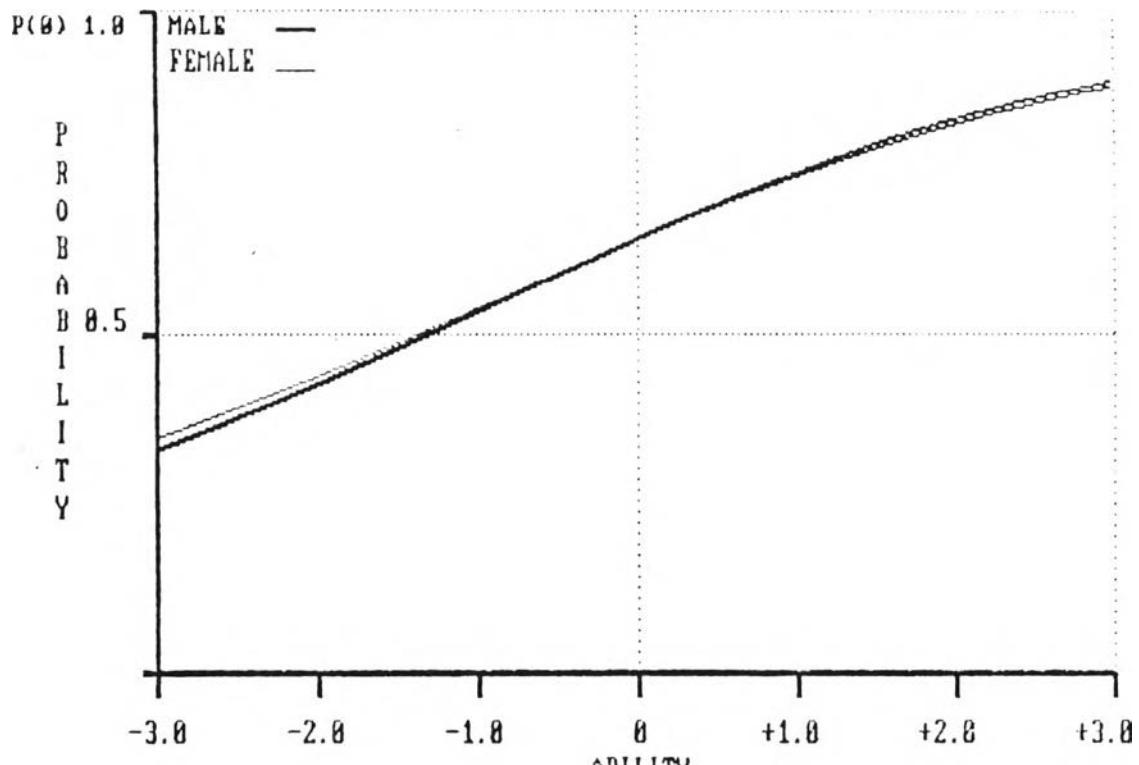


FIGURE 213 PLOT ITEM CHARACTERISTIC CURVE (n=28)

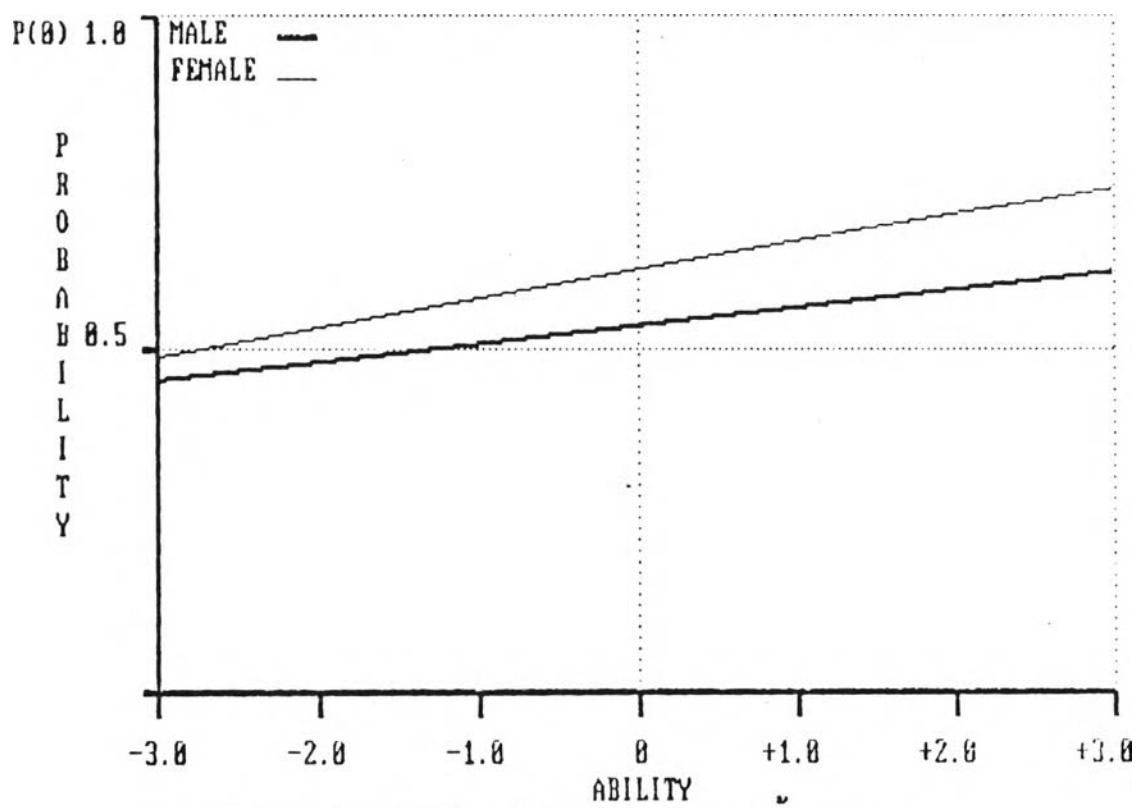
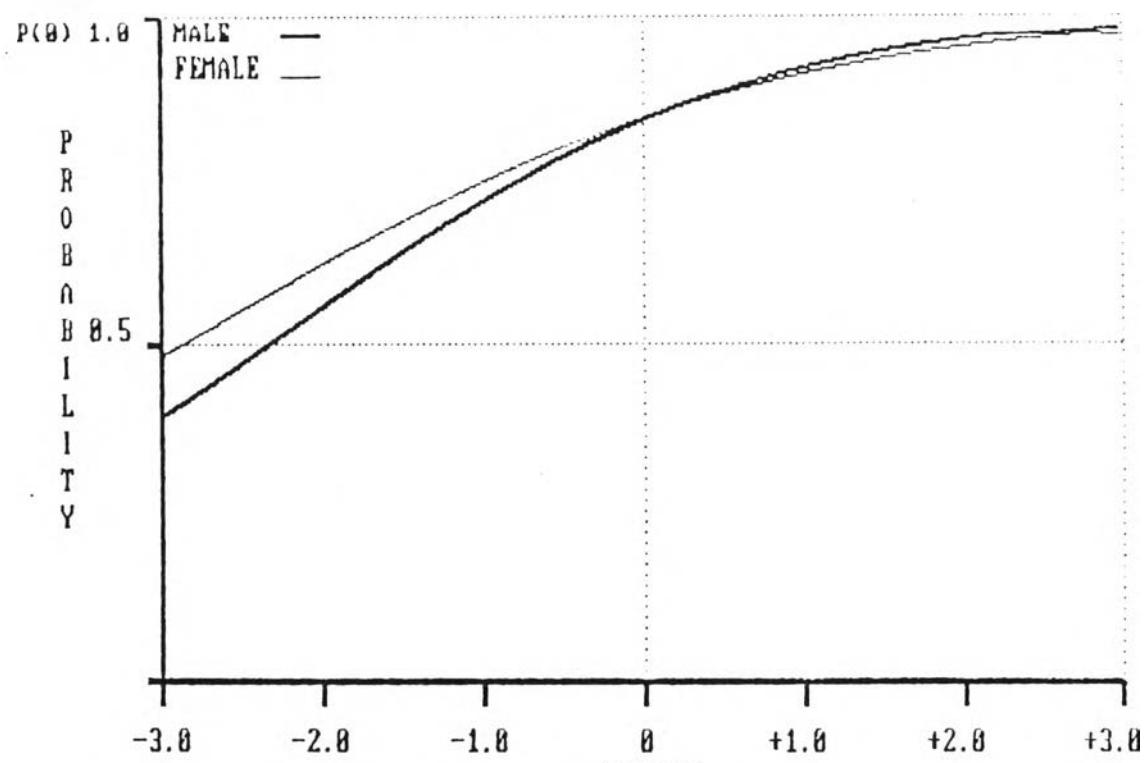
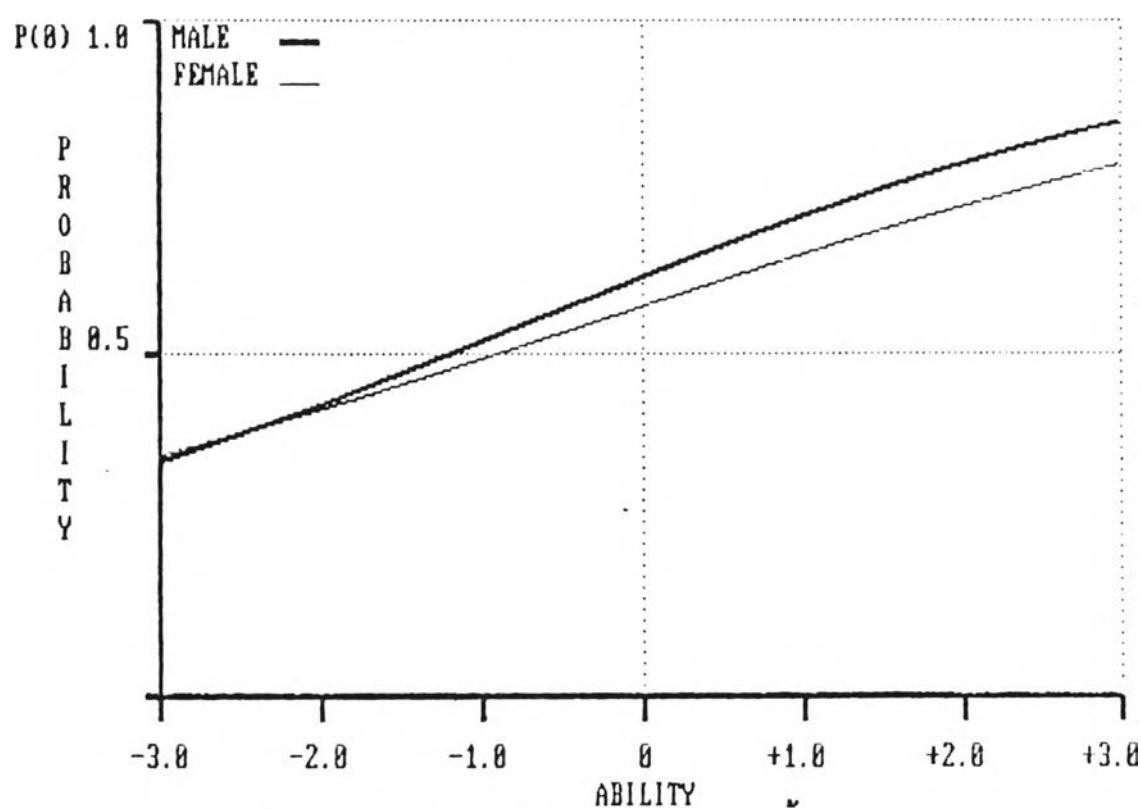


FIGURE 214 PLOT ITEM CHARACTERISTIC CURVE (n=29)

FIGURE 215 PLOT ITEM CHARACTERISTIC CURVE ( $n=31$ )FIGURE 216 PLOT ITEM CHARACTERISTIC CURVE ( $n=35$ )

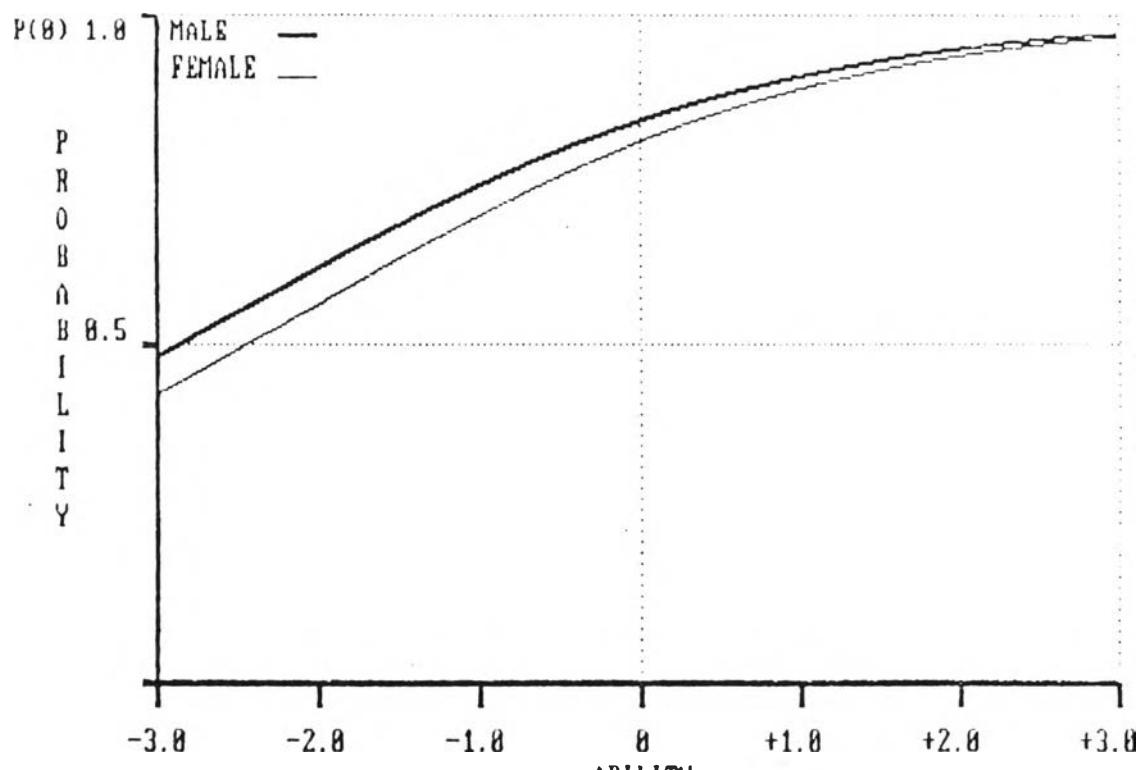


FIGURE 217 PLOT ITEM CHARACTERISTIC CURVE (ID 35)

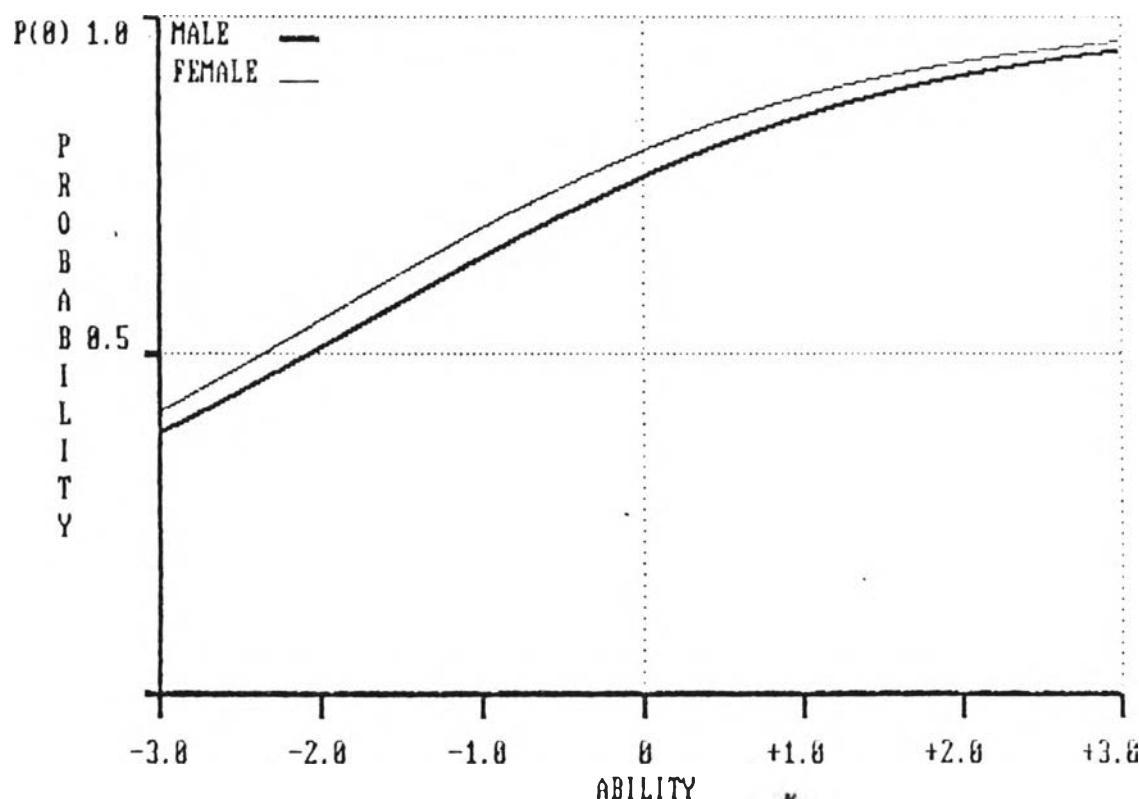


FIGURE 218 PLOT ITEM CHARACTERISTIC CURVE (ID 38)

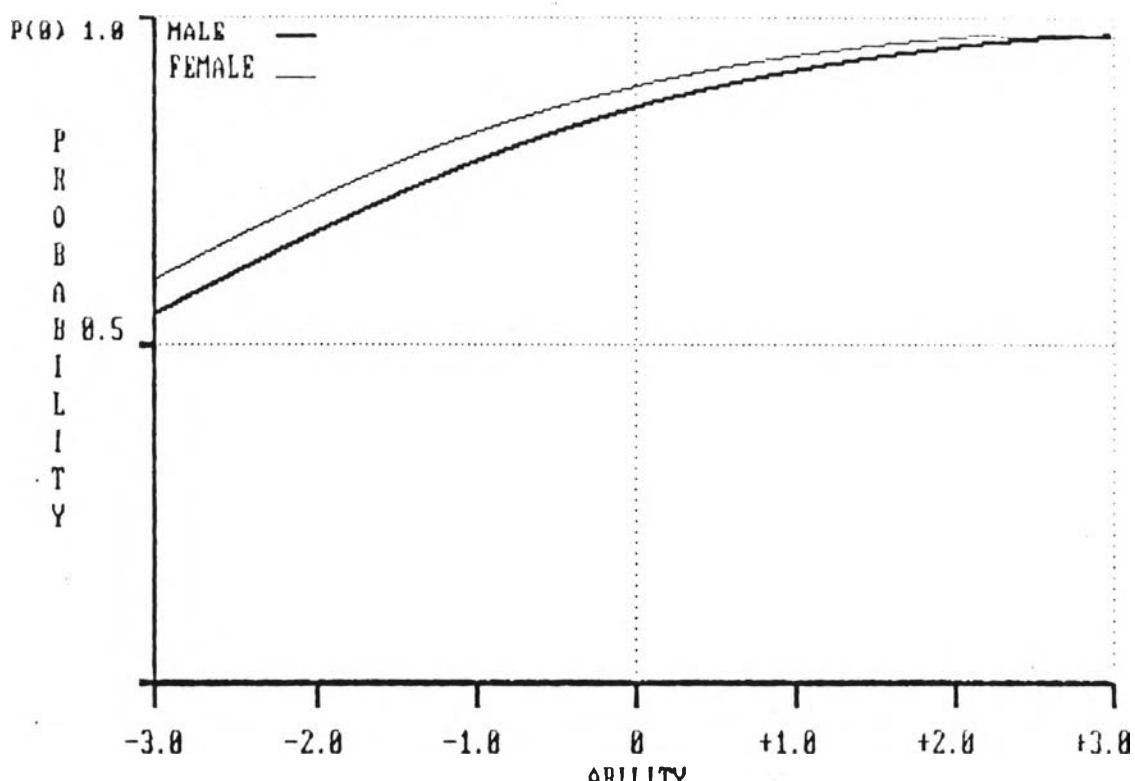


FIGURE 219 PLOT ITEM CHARACTERISTIC CURVE (n=40)

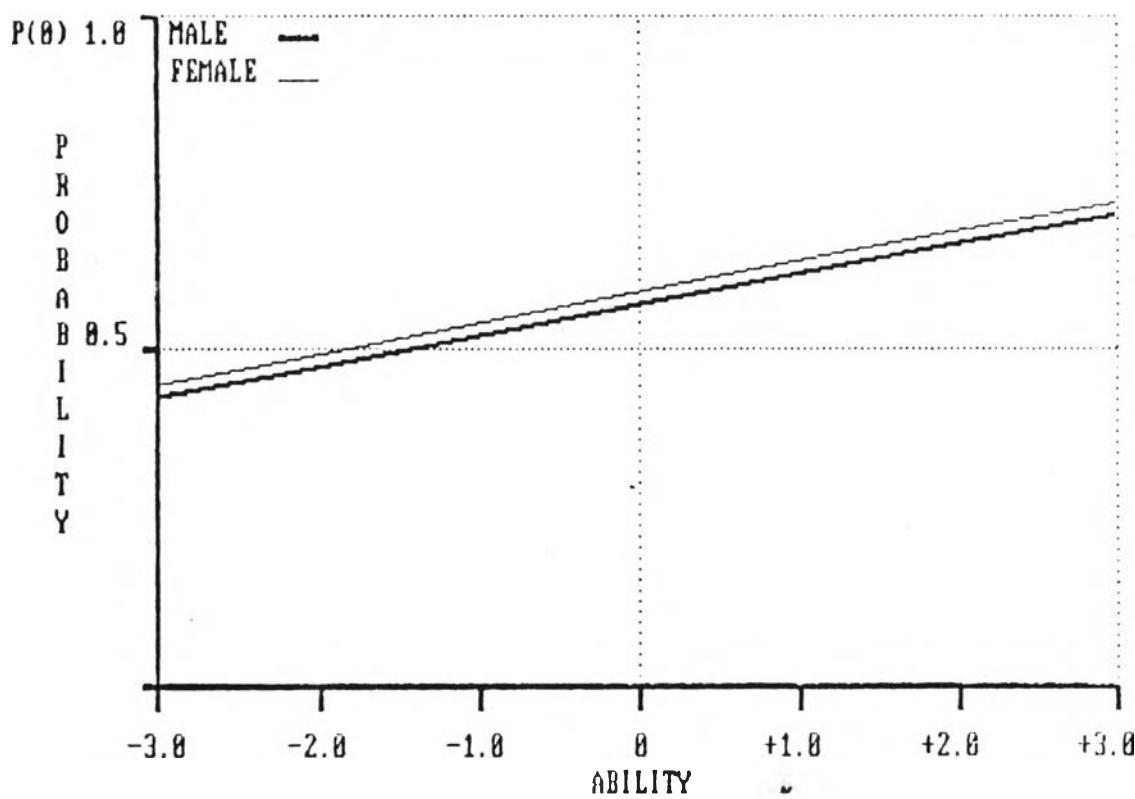


FIGURE 220 PLOT ITEM CHARACTERISTIC CURVE (n=41)

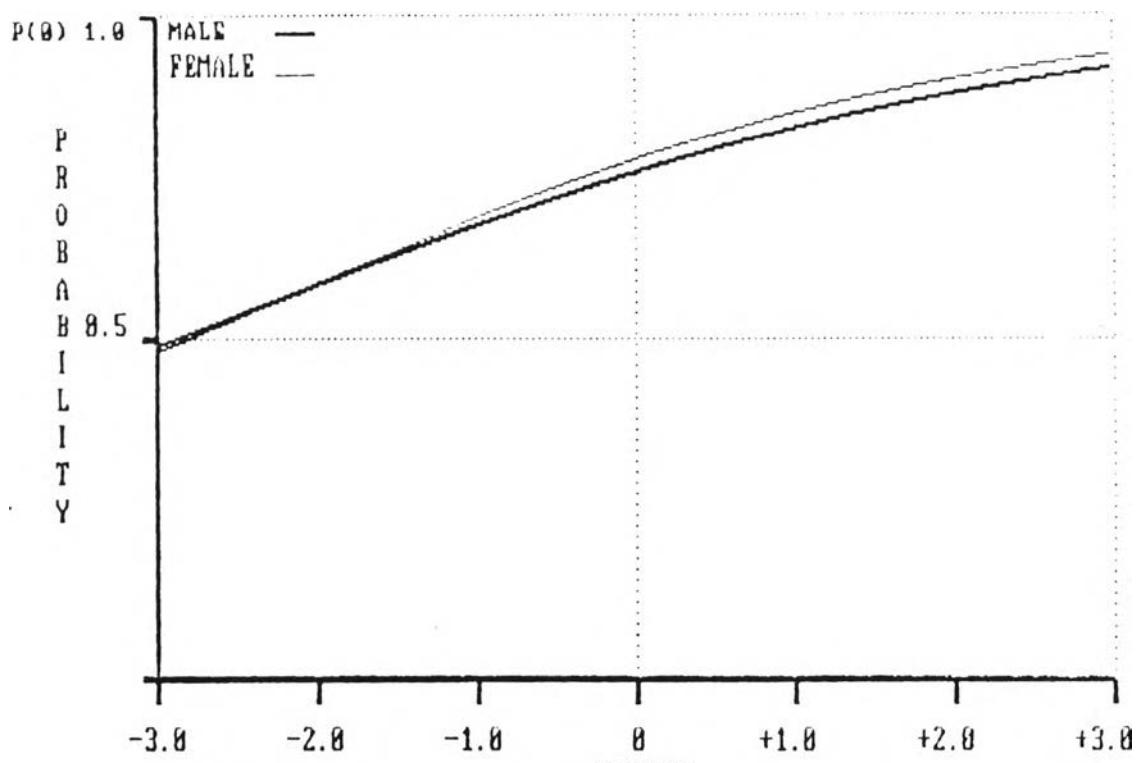


FIGURE 221 PLOT ITEM CHARACTERISTIC CURVE (no 44)

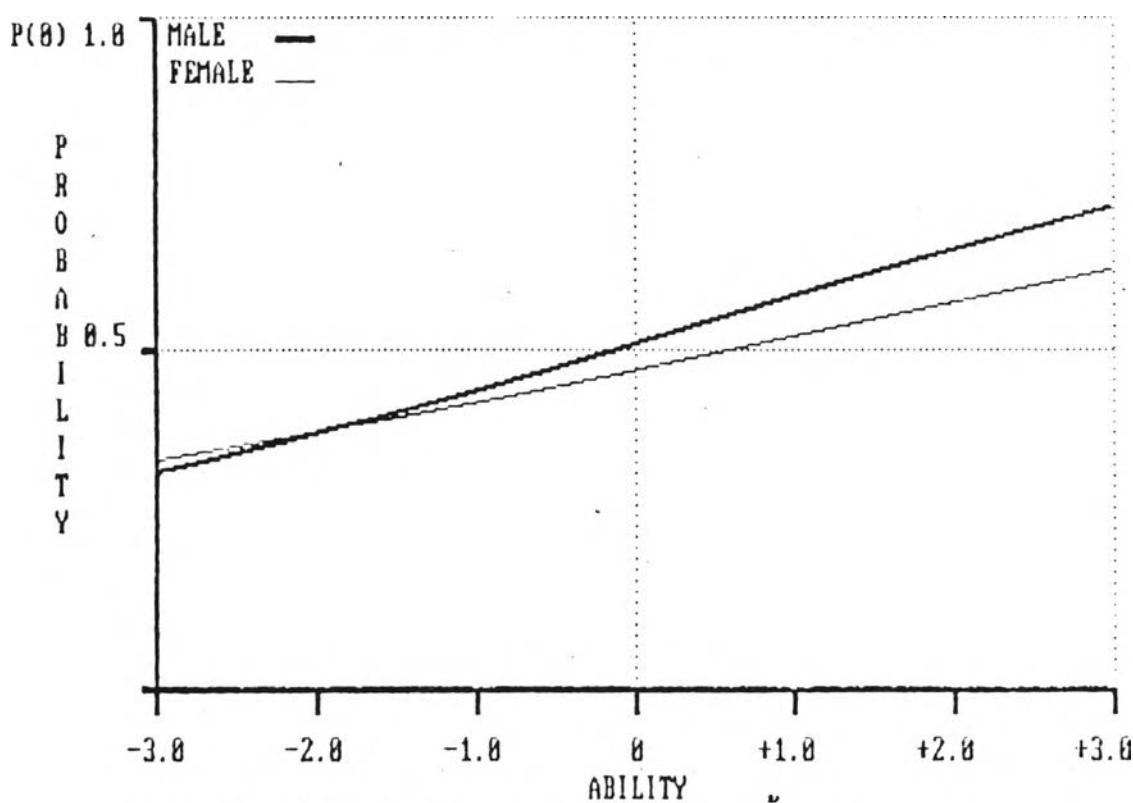


FIGURE 222 PLOT ITEM CHARACTERISTIC CURVE (no 48)

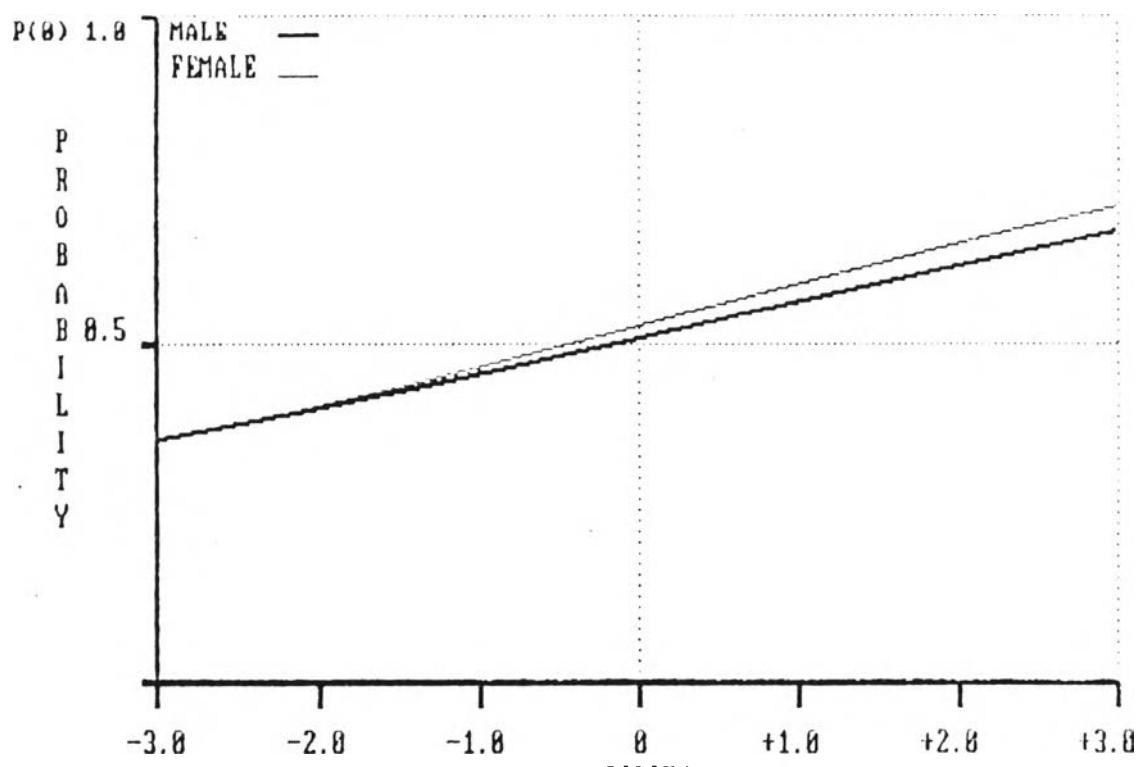


FIGURE 223 PLOT ITEM CHARACTERISTIC CURVE (n=50)

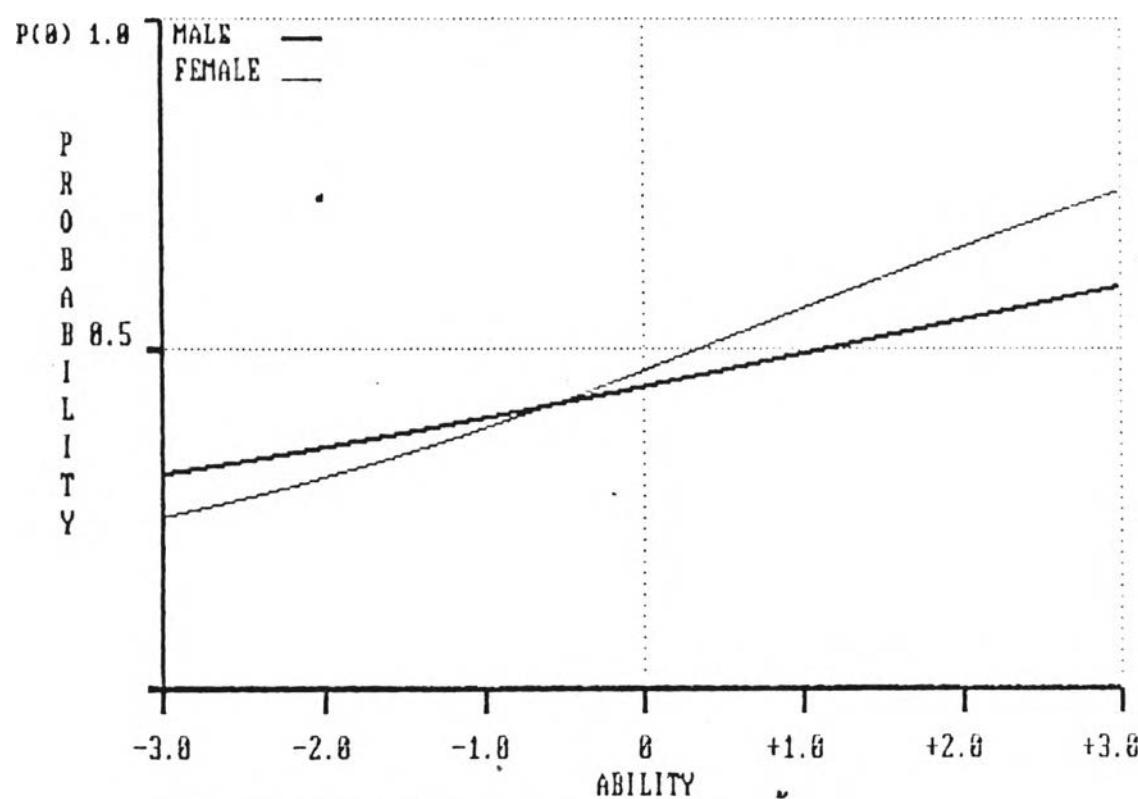
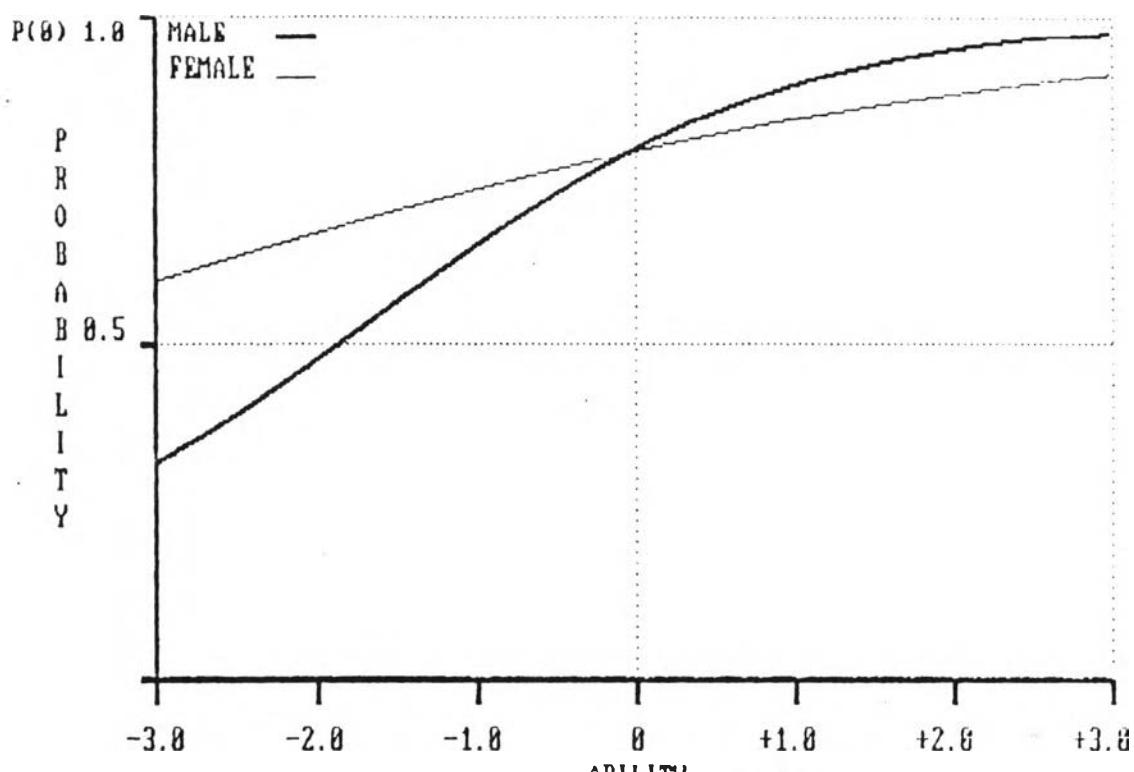
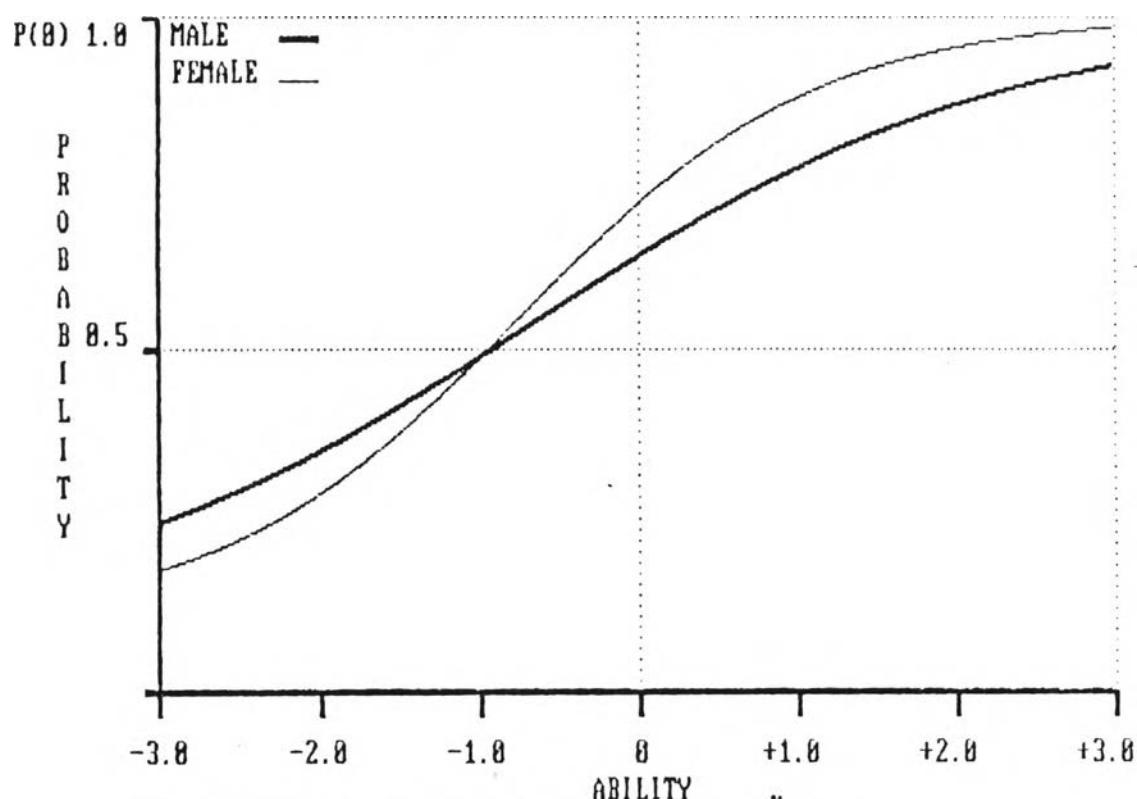


FIGURE 224 PLOT ITEM CHARACTERISTIC CURVE (n=51)

FIGURE 225 PLOT ITEM CHARACTERISTIC CURVE ( $n=52$ )FIGURE 226 PLOT ITEM CHARACTERISTIC CURVE ( $n=53$ )

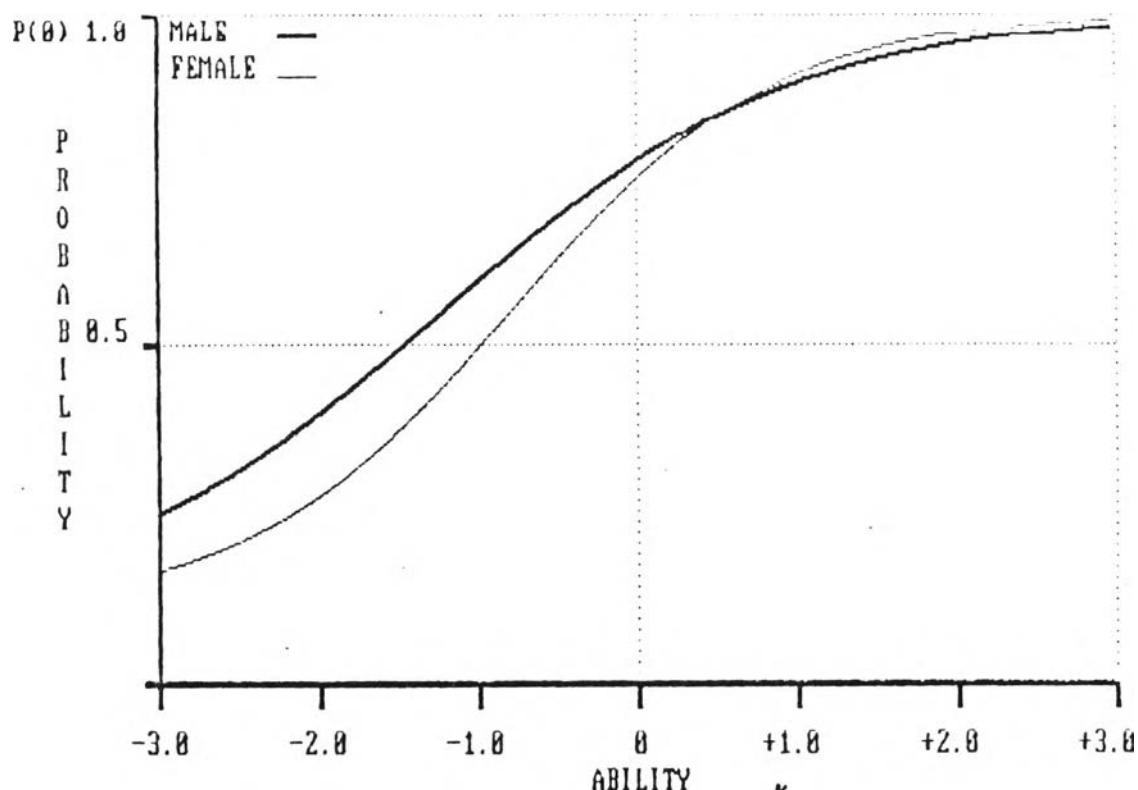


FIGURE 227 PLOT ITEM CHARACTERISTIC CURVE (n=56)

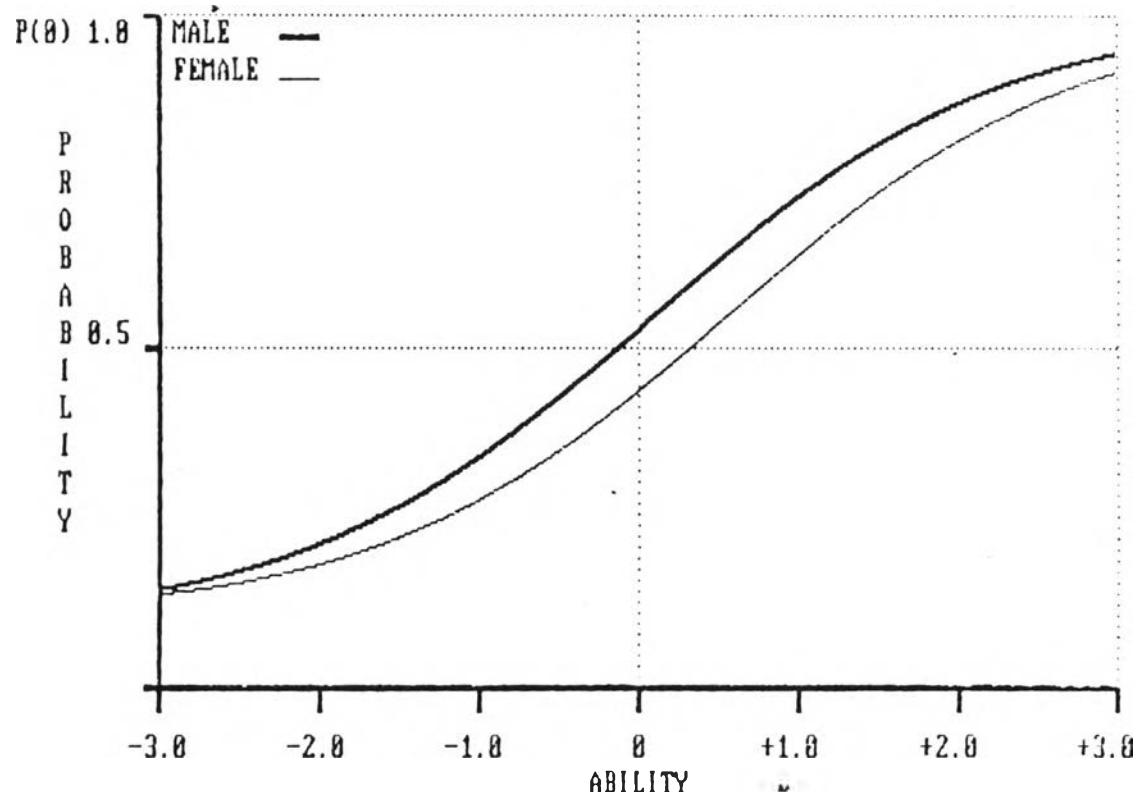


FIGURE 228 PLOT ITEM CHARACTERISTIC CURVE (n=57)

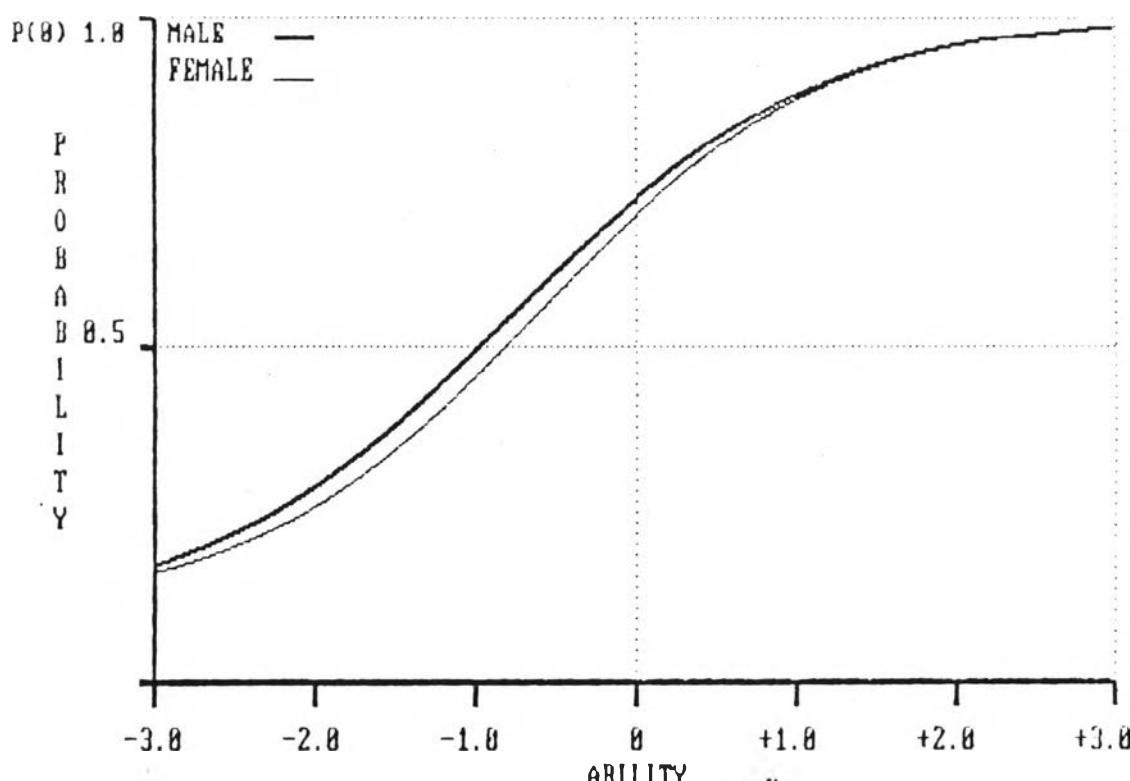


FIGURE 229 PLOT ITEM CHARACTERISTIC CURVE (n=58)

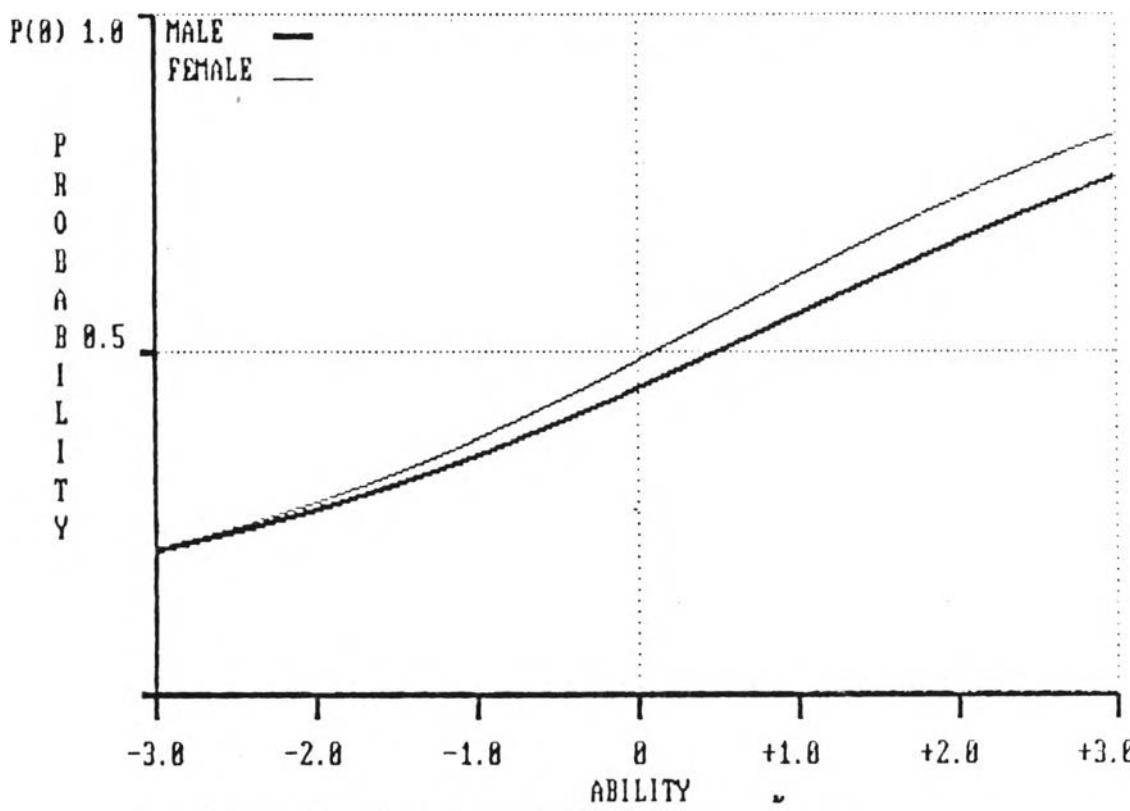
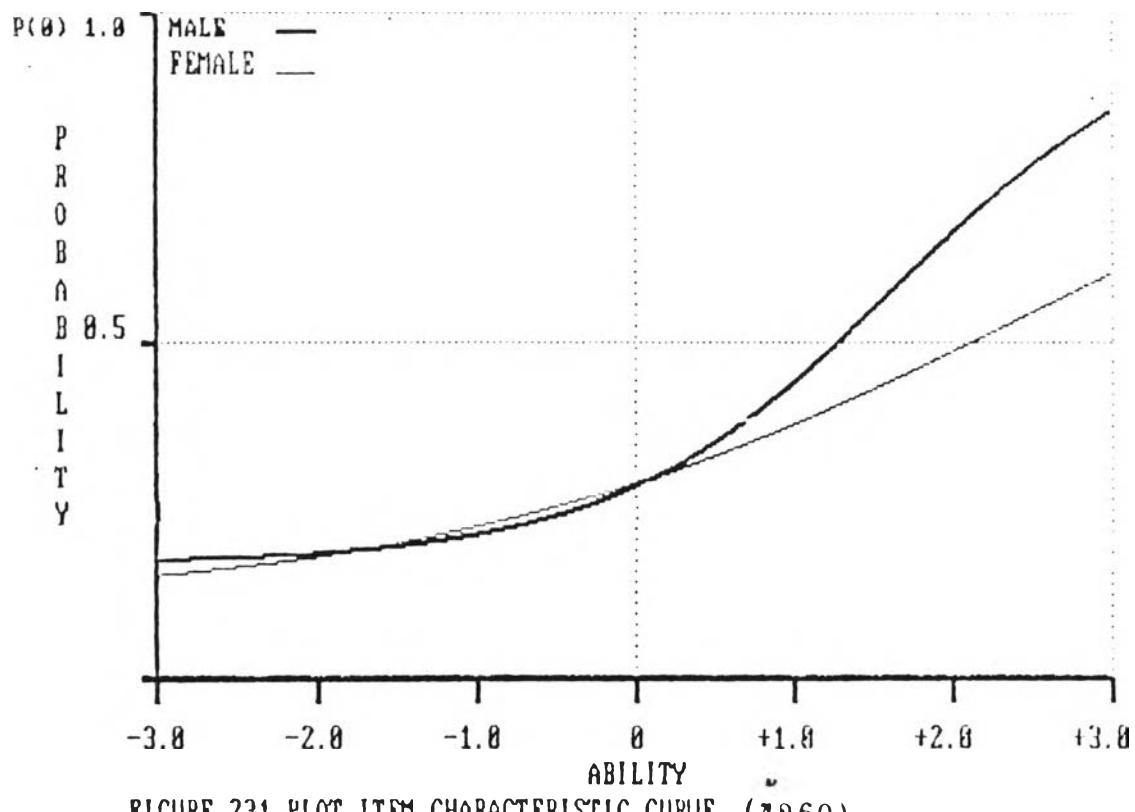
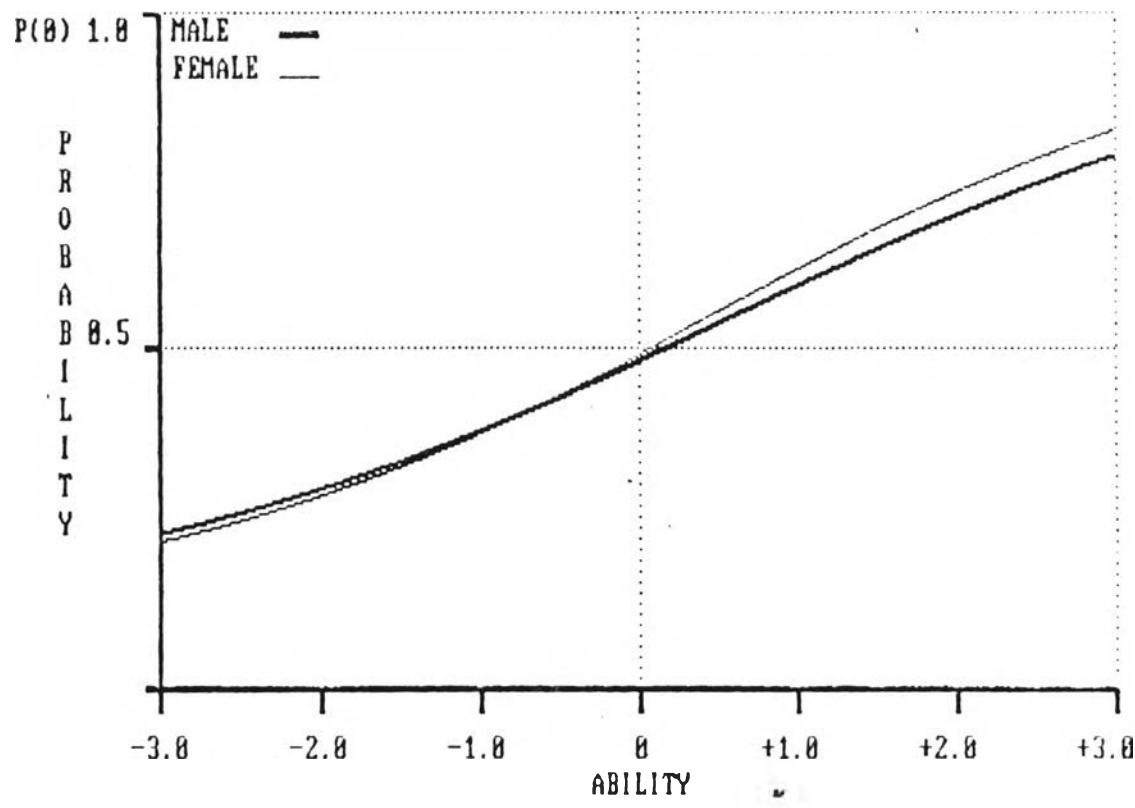
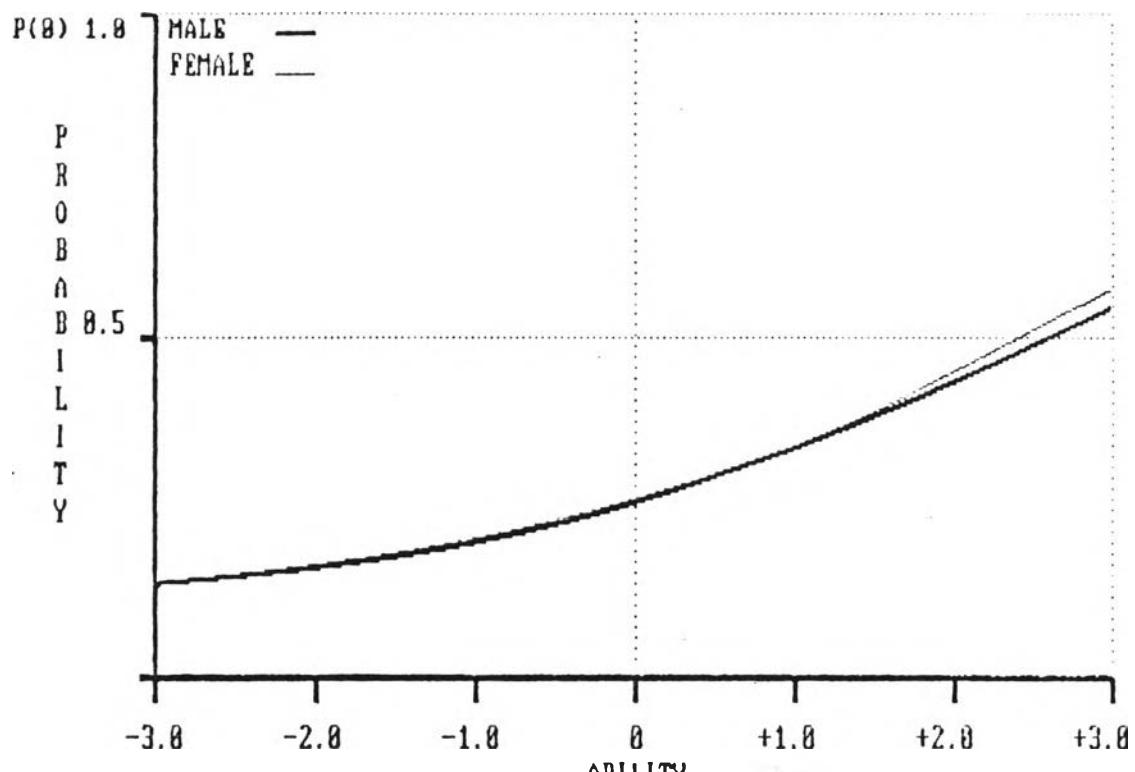
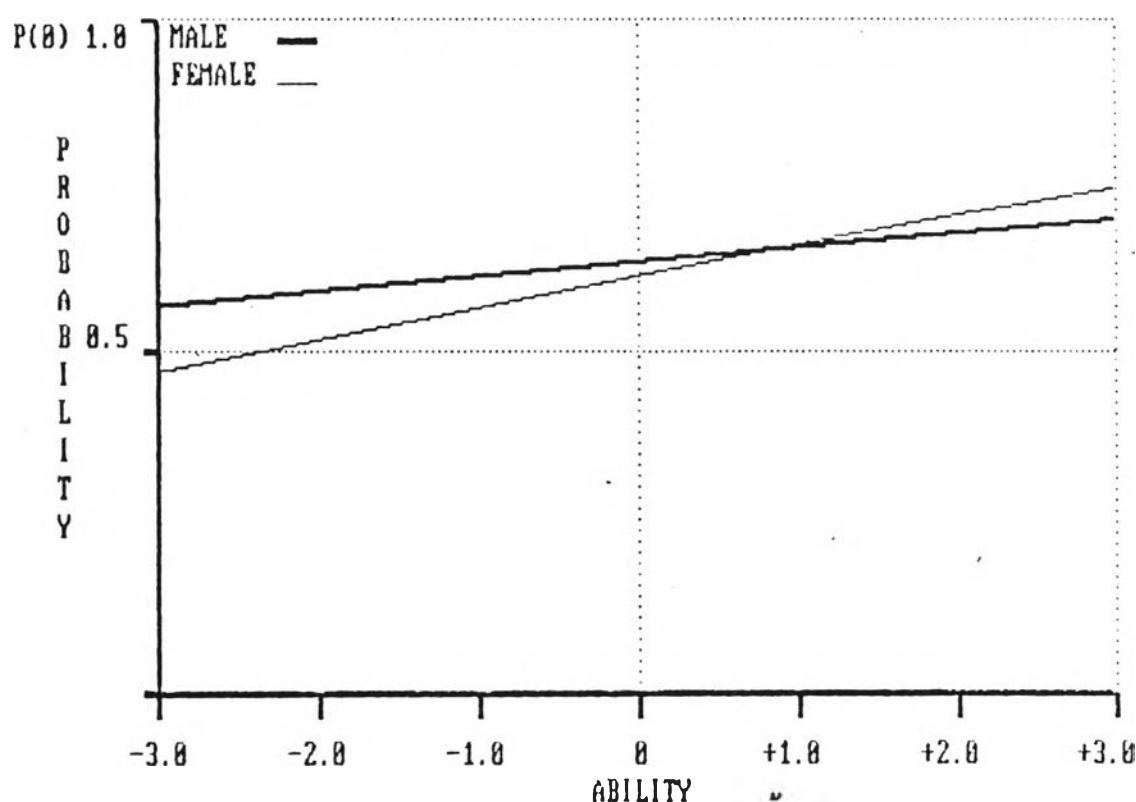


FIGURE 230 PLOT ITEM CHARACTERISTIC CURVE (n=59)

FIGURE 231 PLOT ITEM CHARACTERISTIC CURVE ( $n=60$ )FIGURE 232 PLOT ITEM CHARACTERISTIC CURVE ( $n=61$ )

FIGURE 233 PLOT ITEM CHARACTERISTIC CURVE ( $n=62$ )FIGURE 234 PLOT ITEM CHARACTERISTIC CURVE ( $n=63$ )

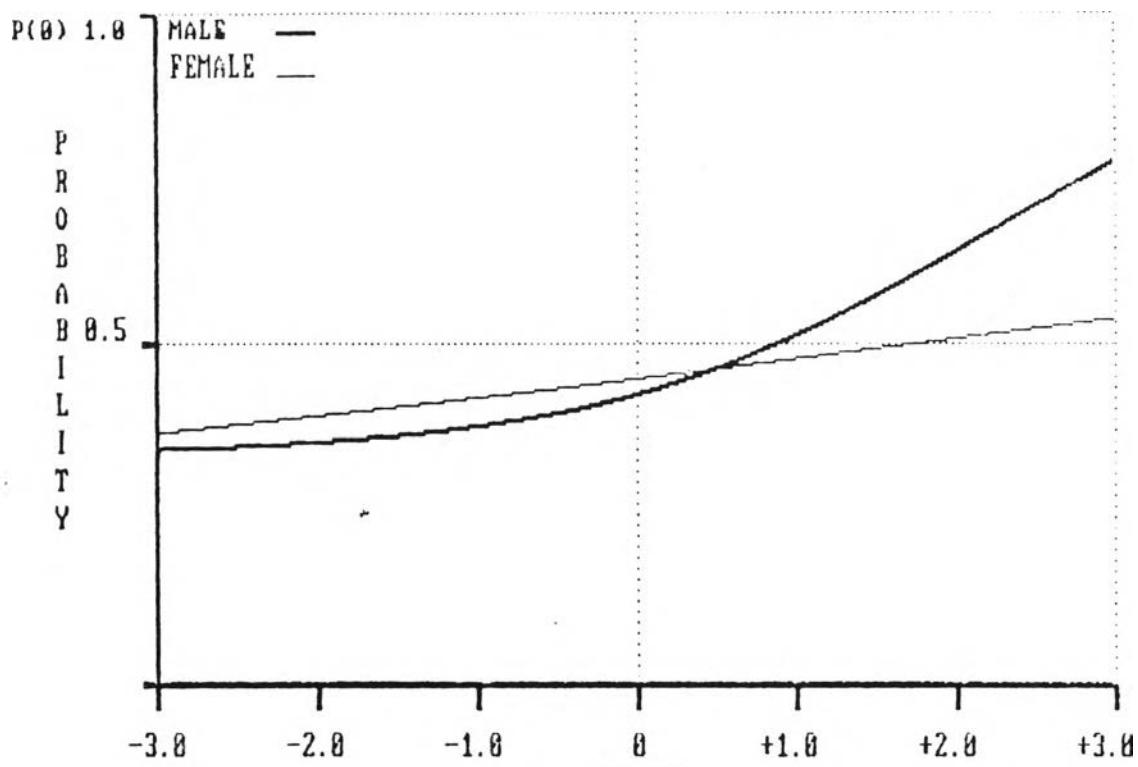


FIGURE 235 PLOT ITEM CHARACTERISTIC CURVE (n=64)

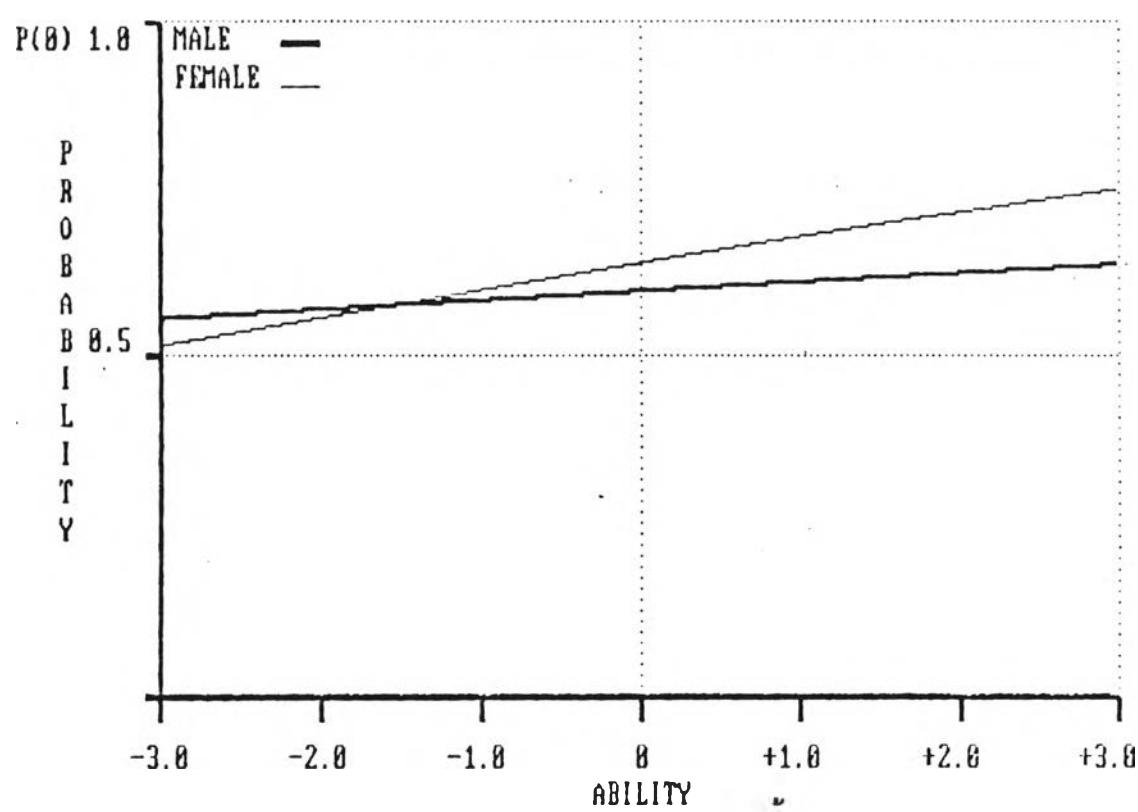


FIGURE 236 PLOT ITEM CHARACTERISTIC CURVE (n=65)

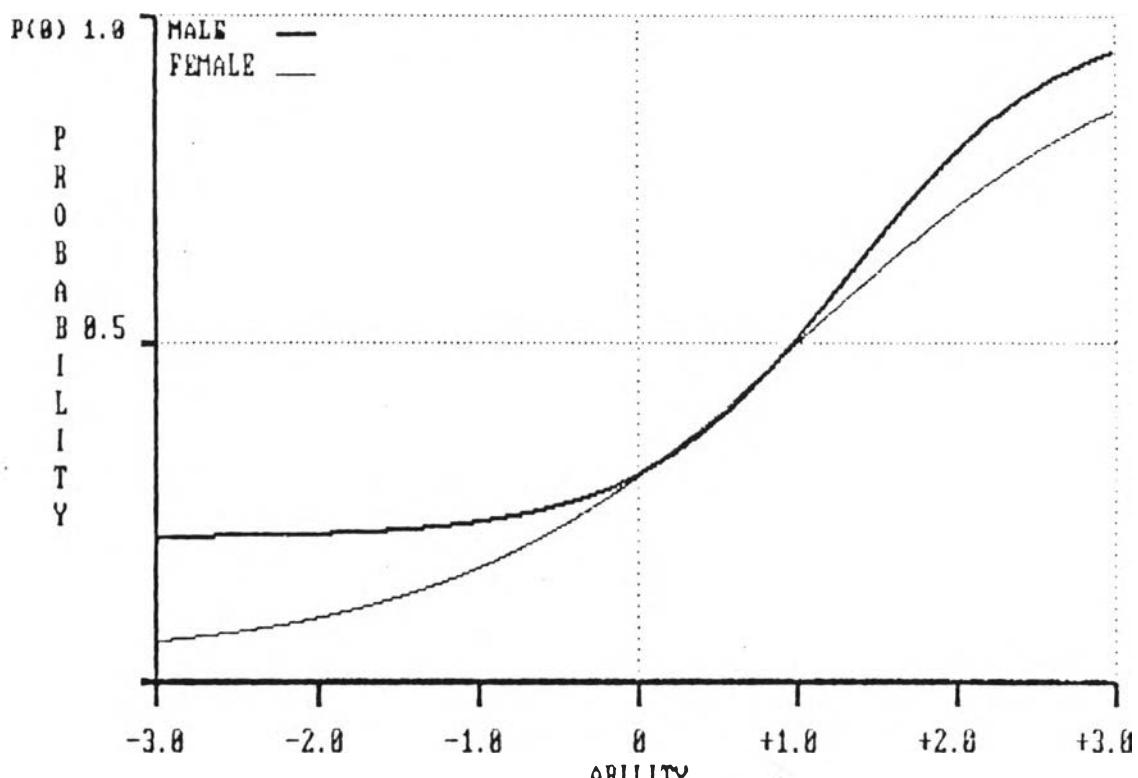


FIGURE 237 PLOT ITEM CHARACTERISTIC CURVE (n=66)

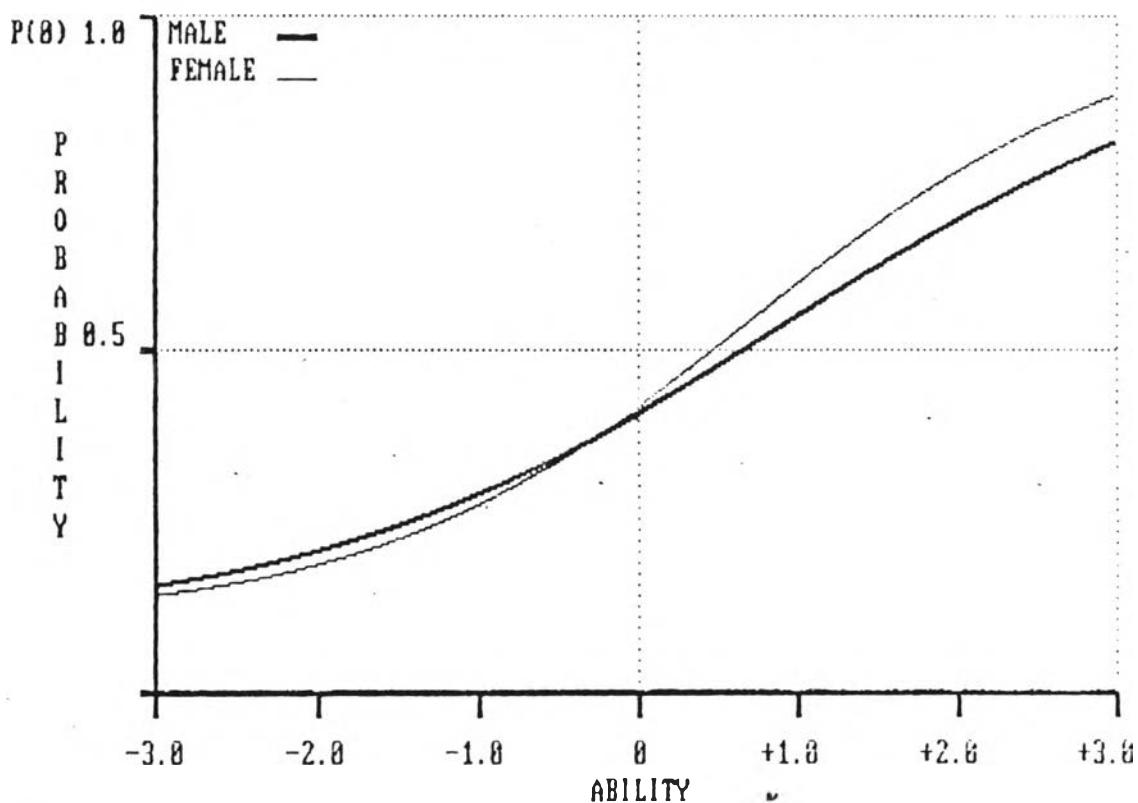


FIGURE 238 PLOT ITEM CHARACTERISTIC CURVE (n=67)

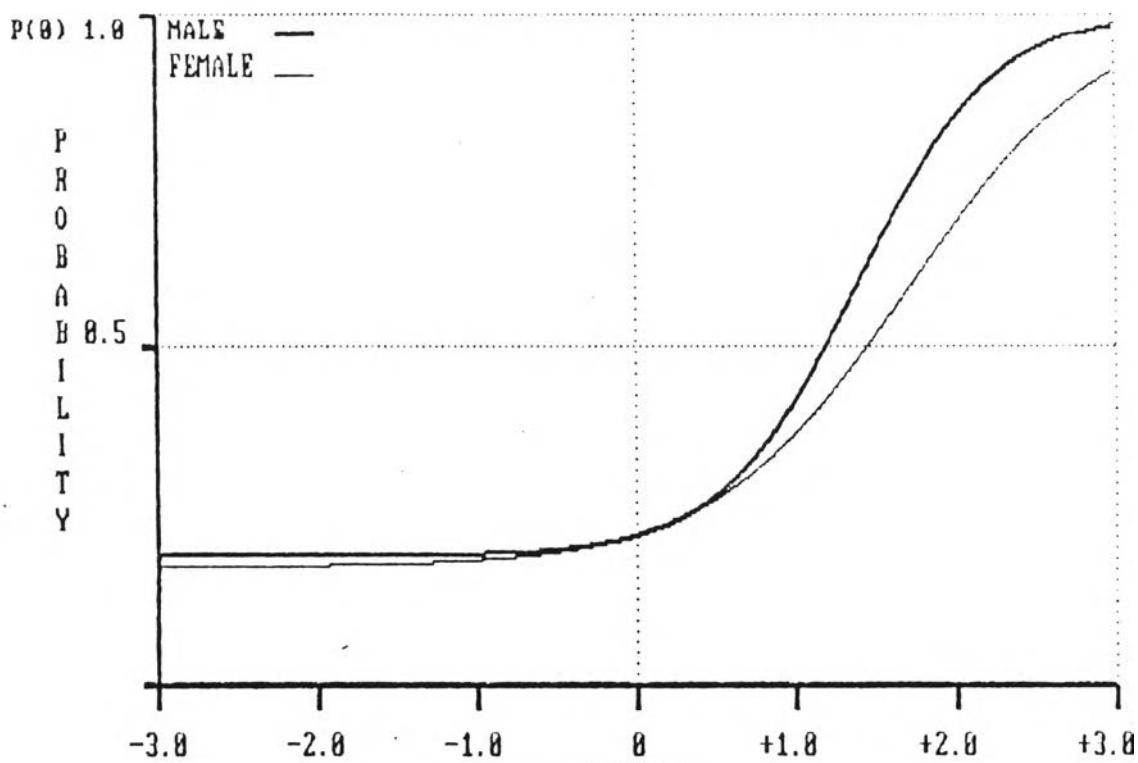


FIGURE 239 PLOT ITEM CHARACTERISTIC CURVE (n=69)

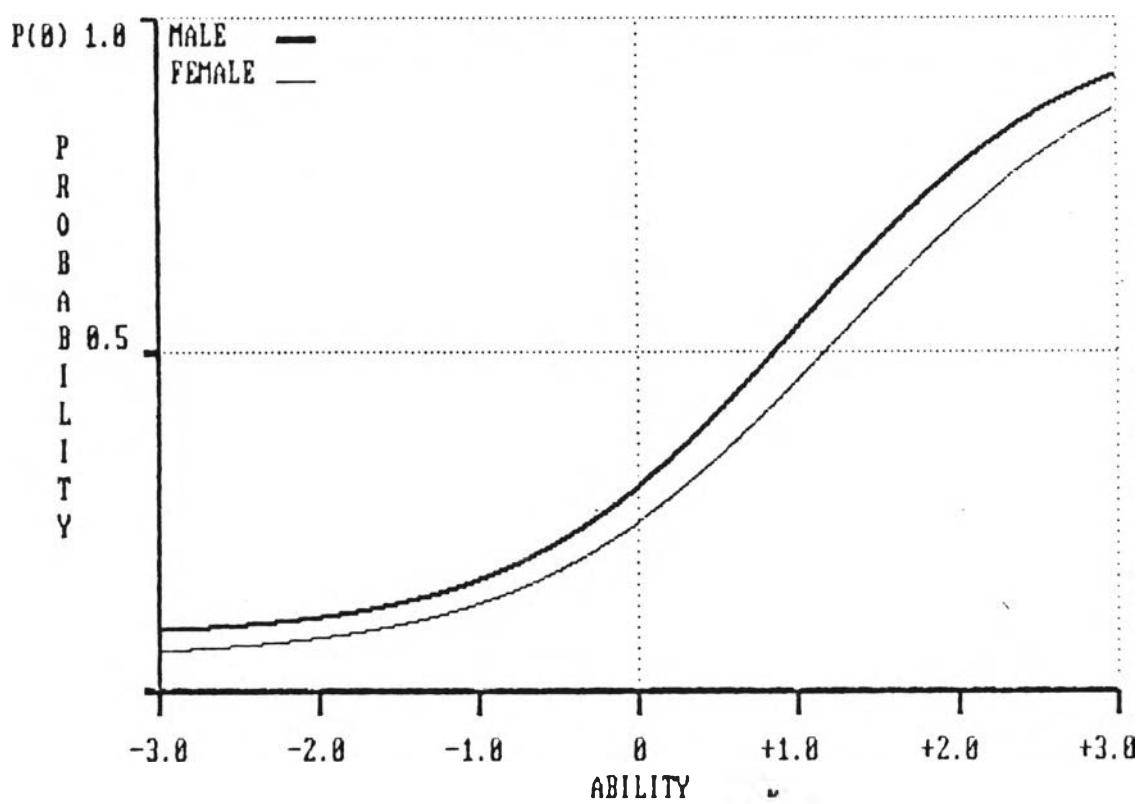


FIGURE 240 PLOT ITEM CHARACTERISTIC CURVE (n=71)

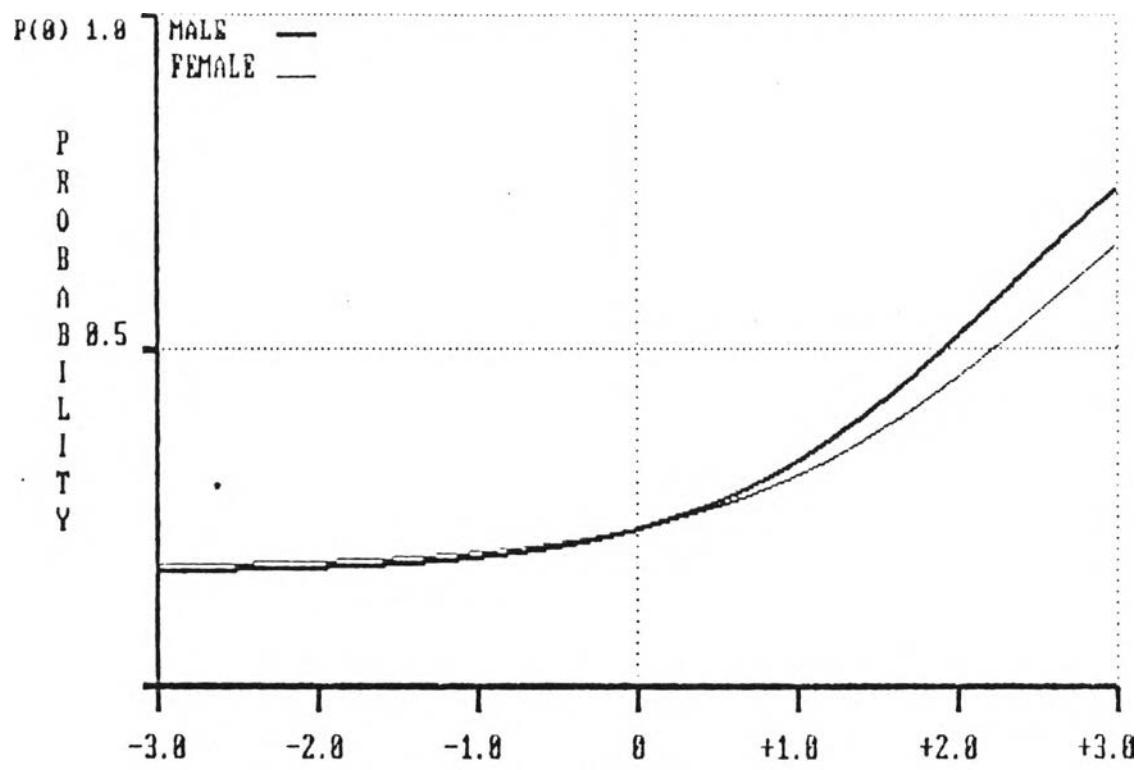


FIGURE 241 PLOT ITEM CHARACTERISTIC CURVE (n=72)

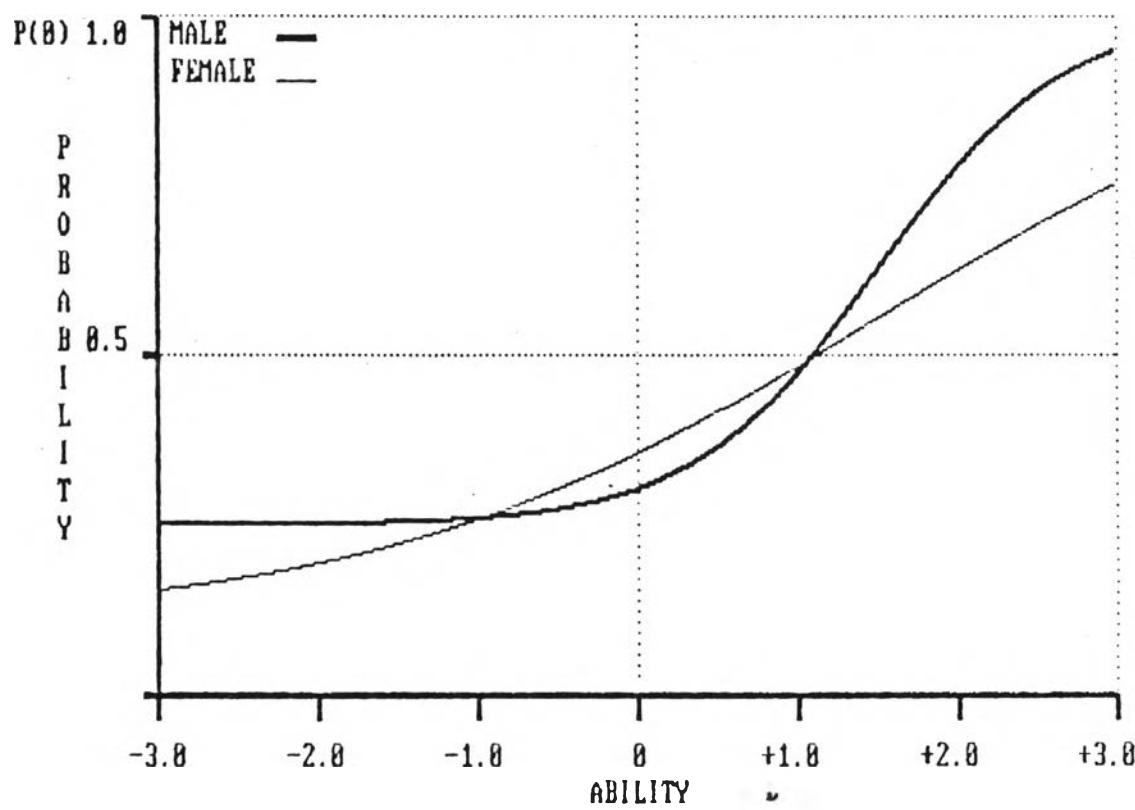


FIGURE 242 PLOT ITEM CHARACTERISTIC CURVE (n=73)

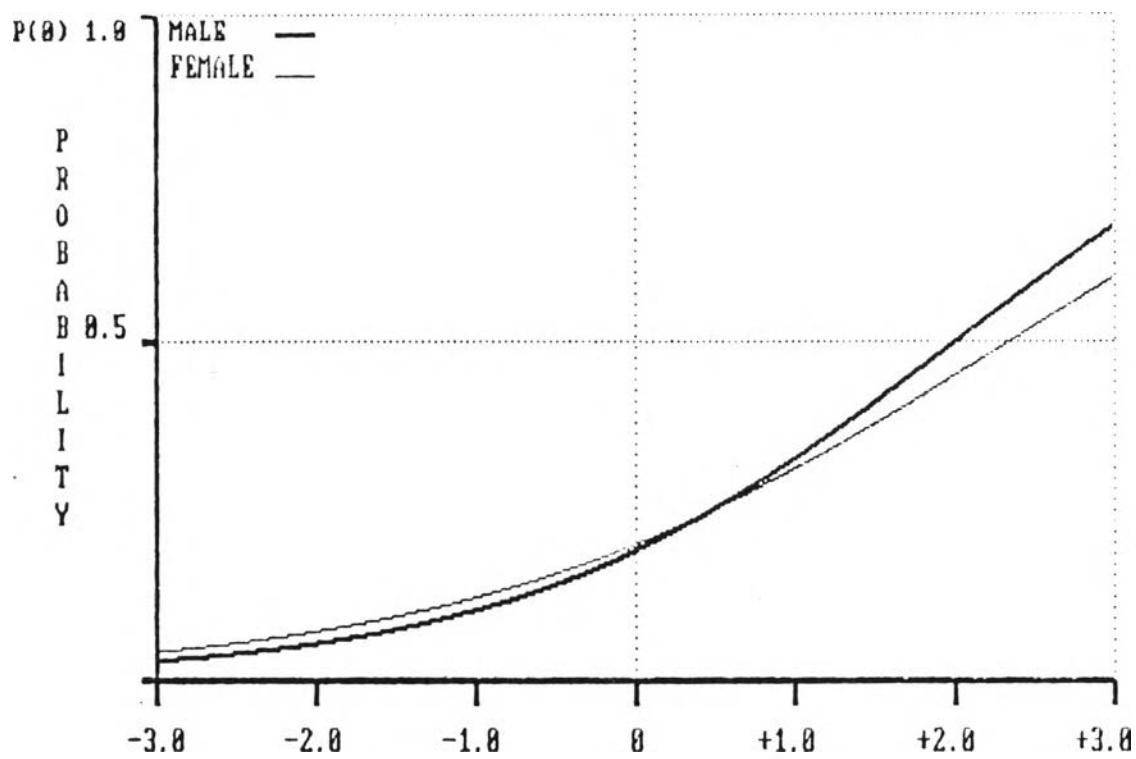


FIGURE 243 PLOT ITEM CHARACTERISTIC CURVE (1975)

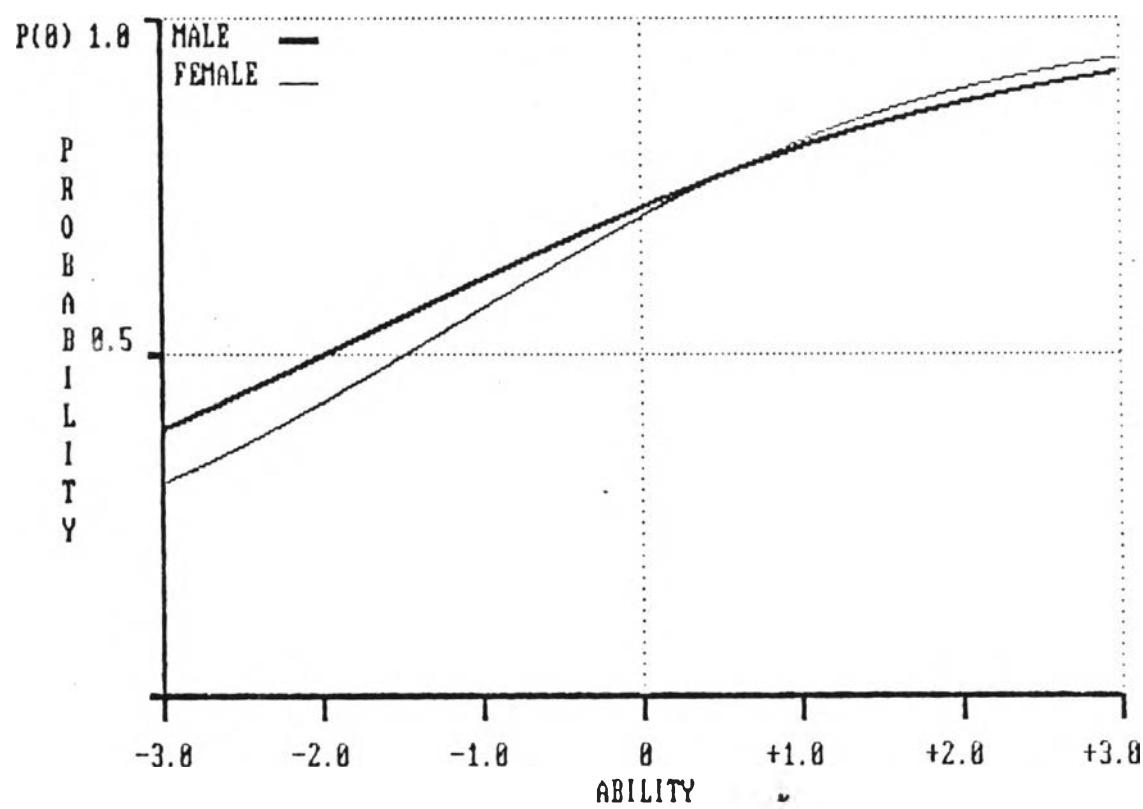


FIGURE 244 PLOT ITEM CHARACTERISTIC CURVE (1976)

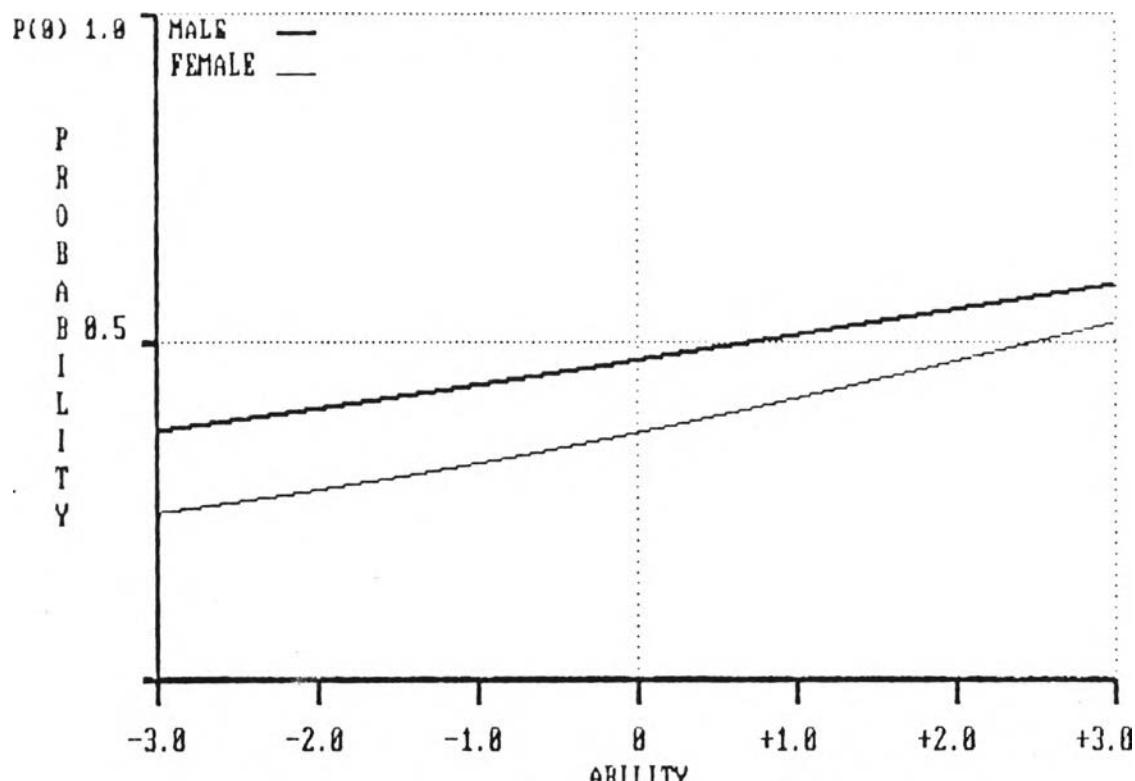


FIGURE 245 PLOT ITEM CHARACTERISTIC CURVE (1977)

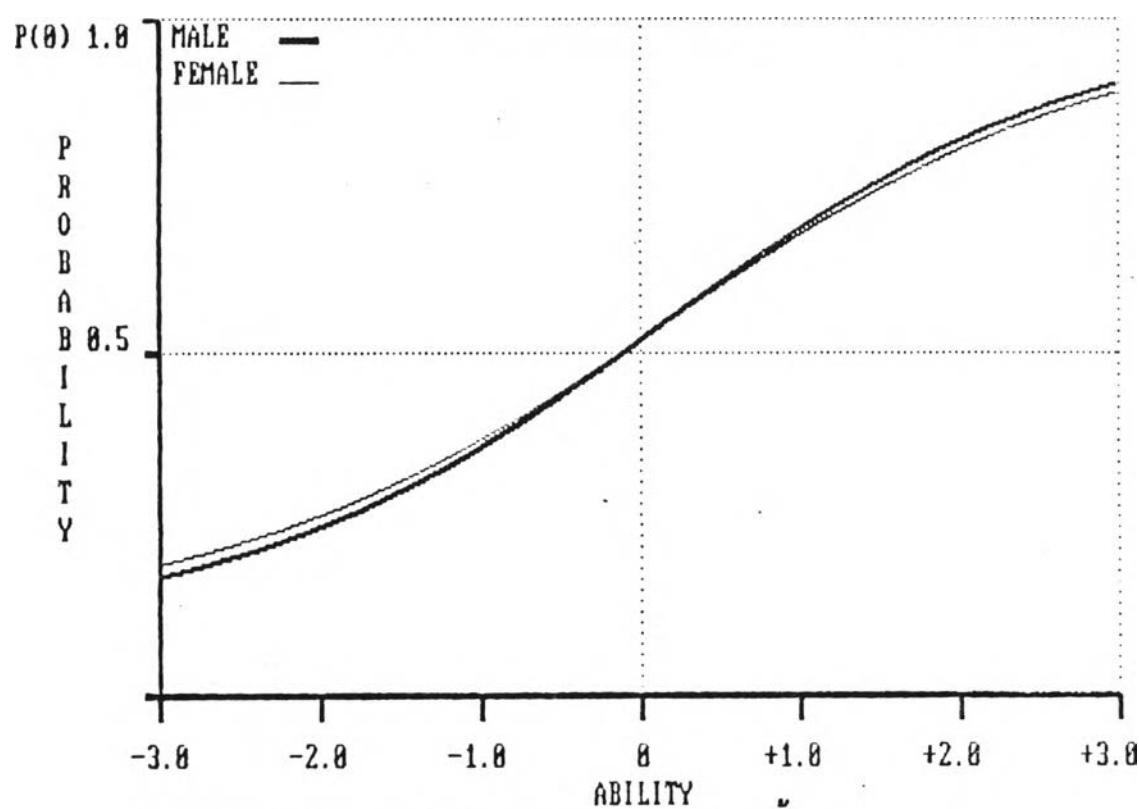


FIGURE 246 PLOT ITEM CHARACTERISTIC CURVE (1979)

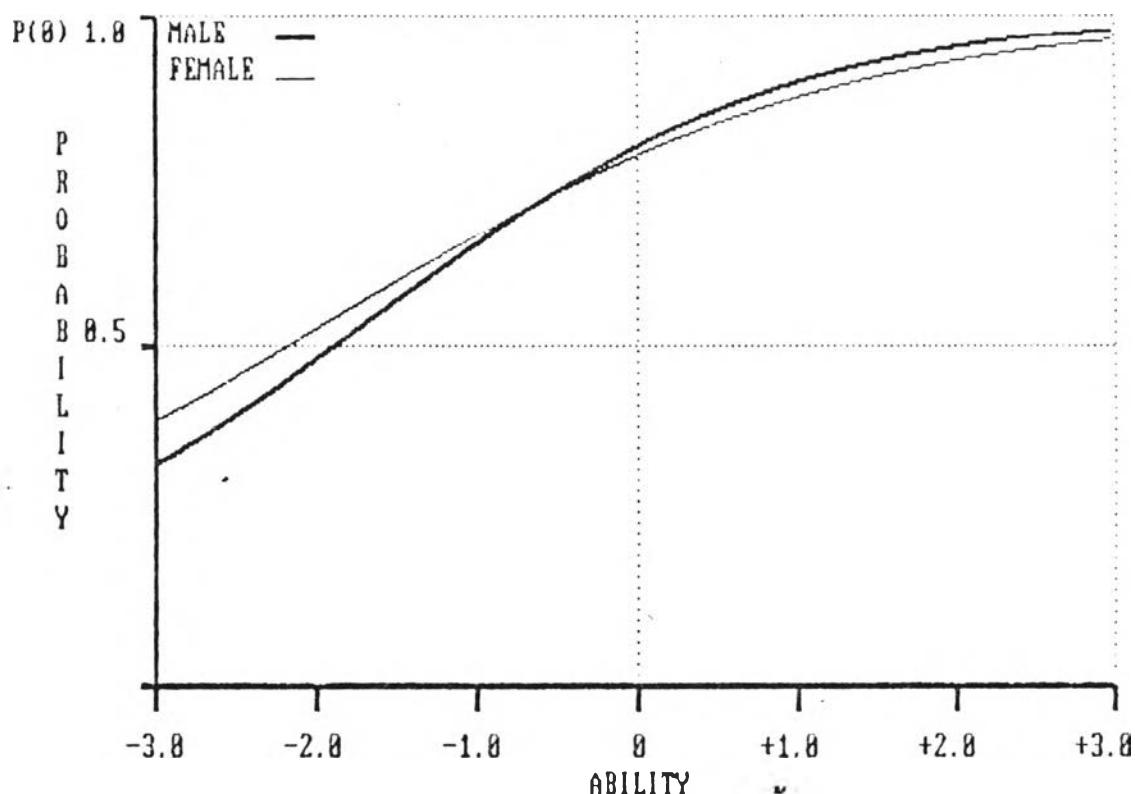


FIGURE 247 PLOT ITEM CHARACTERISTIC CURVE (n=80)

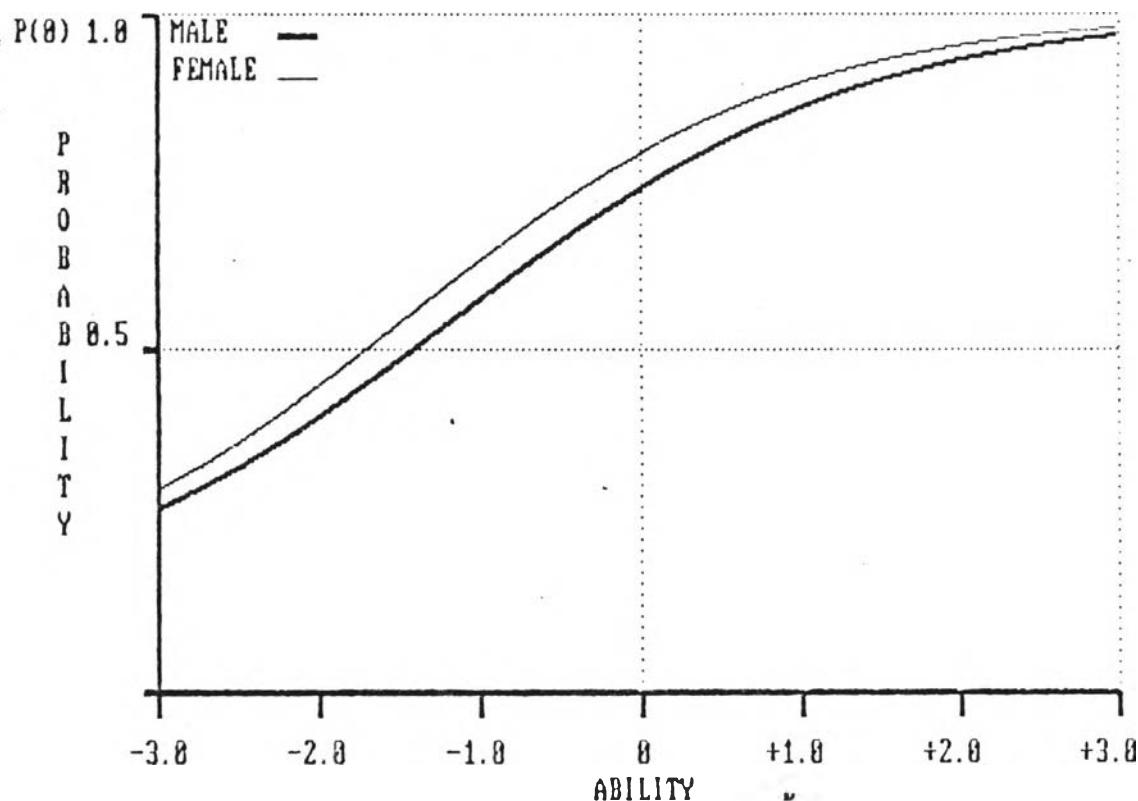


FIGURE 248 PLOT ITEM CHARACTERISTIC CURVE (n=82)

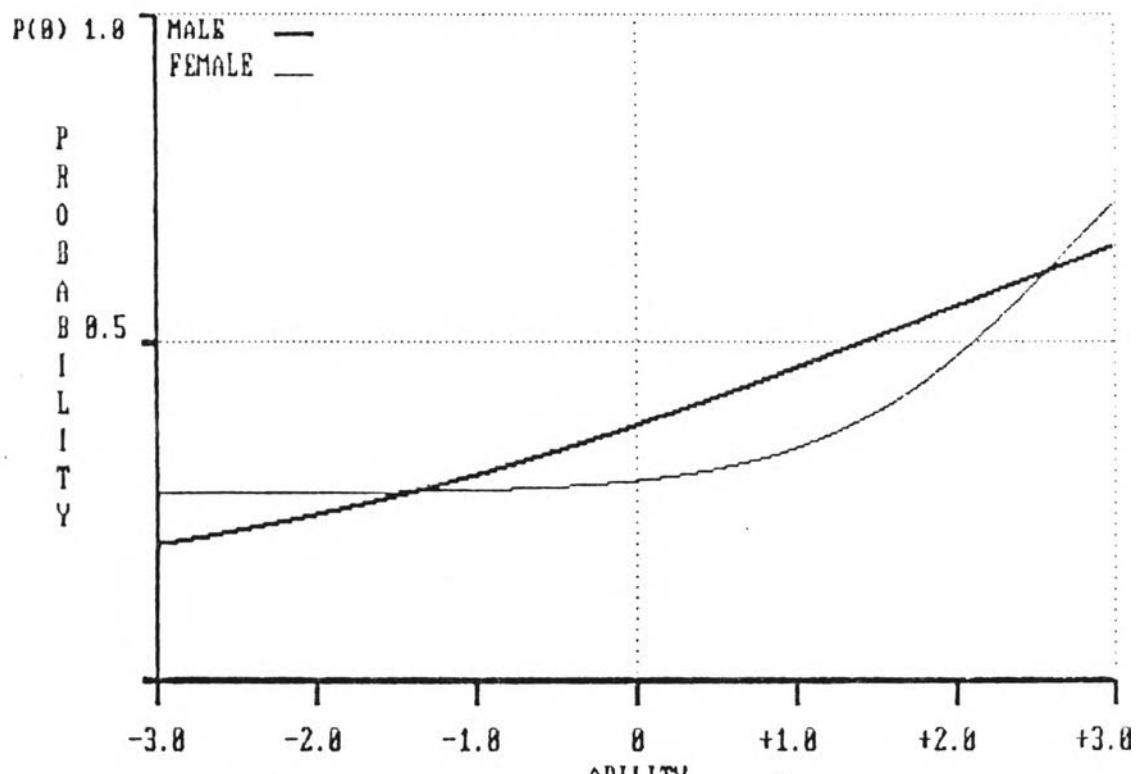


FIGURE 249 PLOT ITEM CHARACTERISTIC CURVE (n=83)

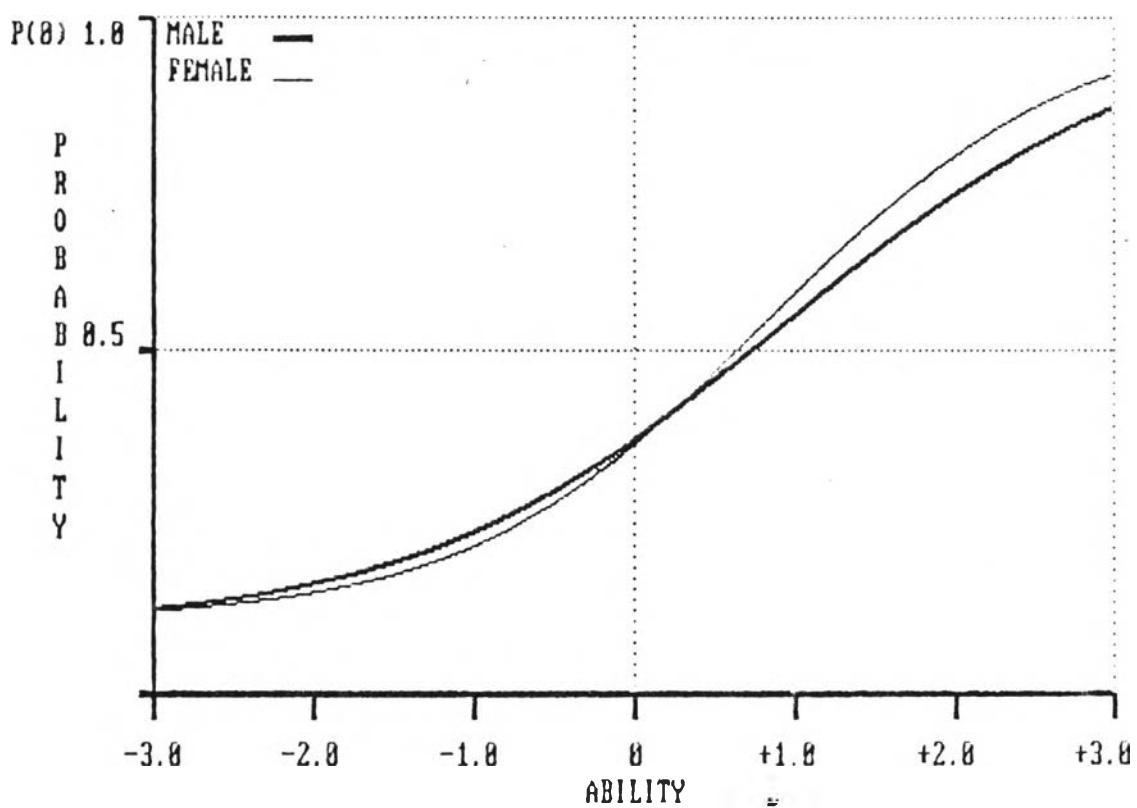


FIGURE 250 PLOT ITEM CHARACTERISTIC CURVE (n=85)

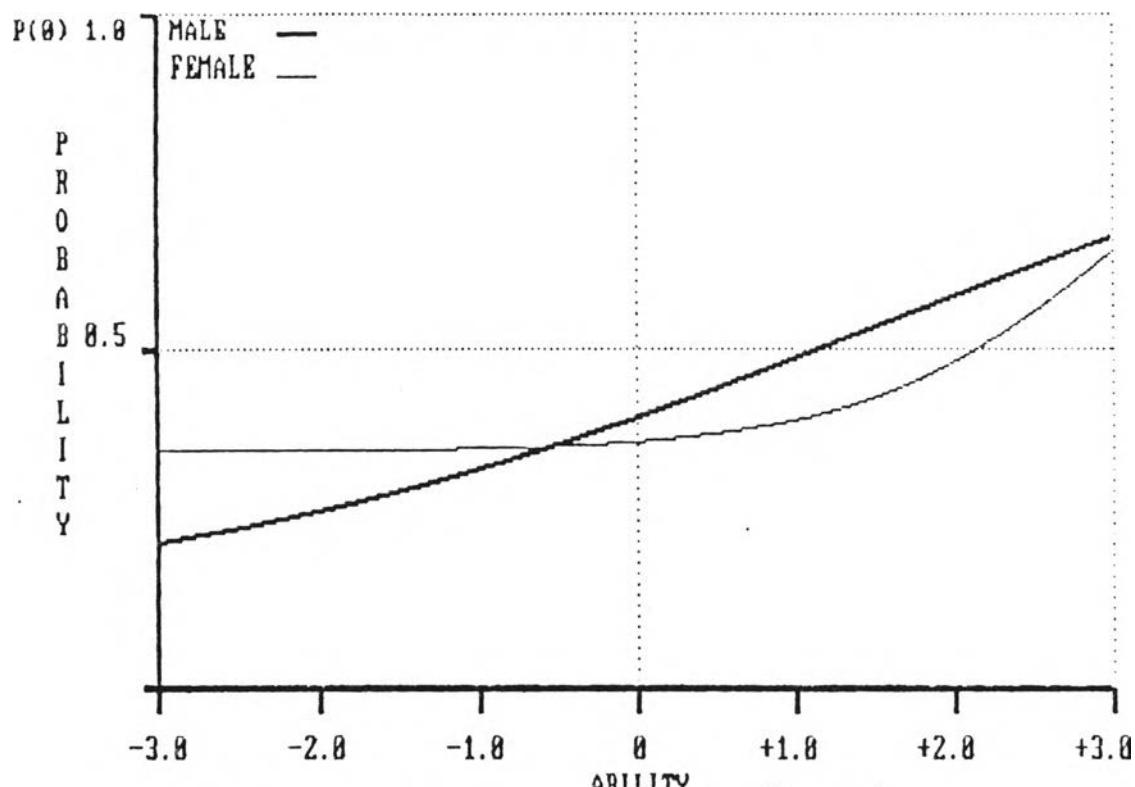


FIGURE 251 PLOT ITEM CHARACTERISTIC CURVE (1986)

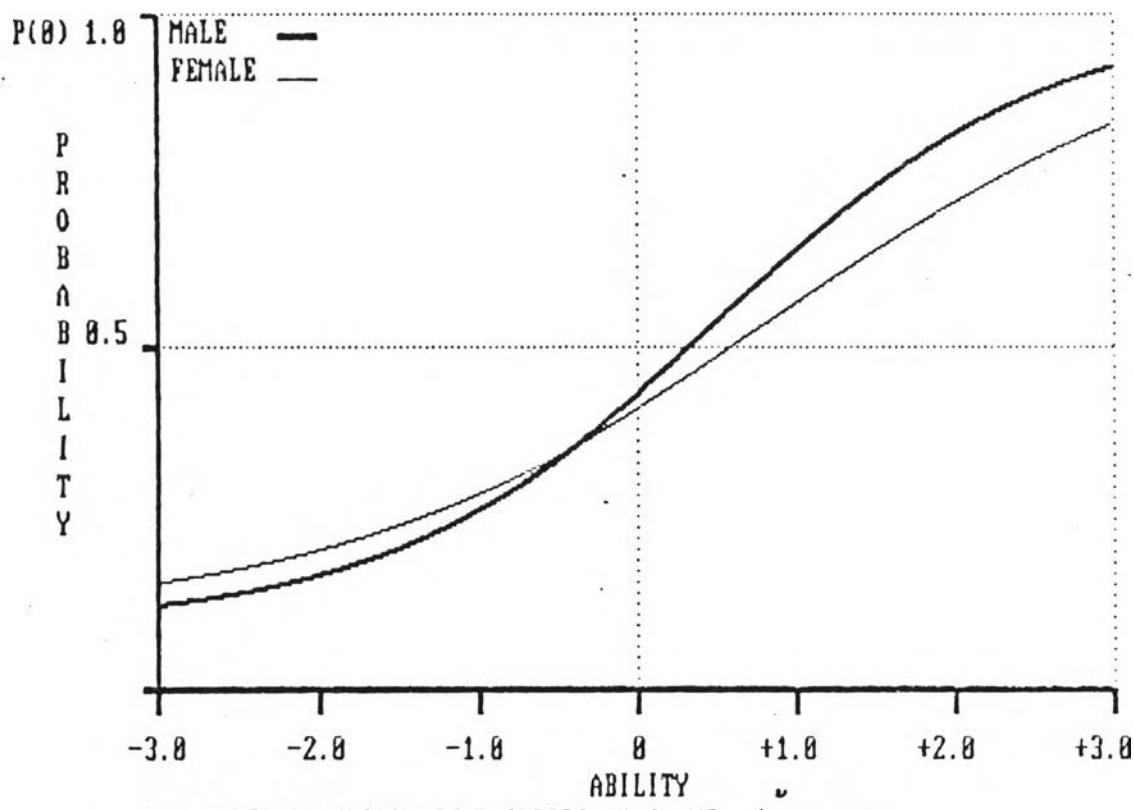


FIGURE 252 PLOT ITEM CHARACTERISTIC CURVE (1988)

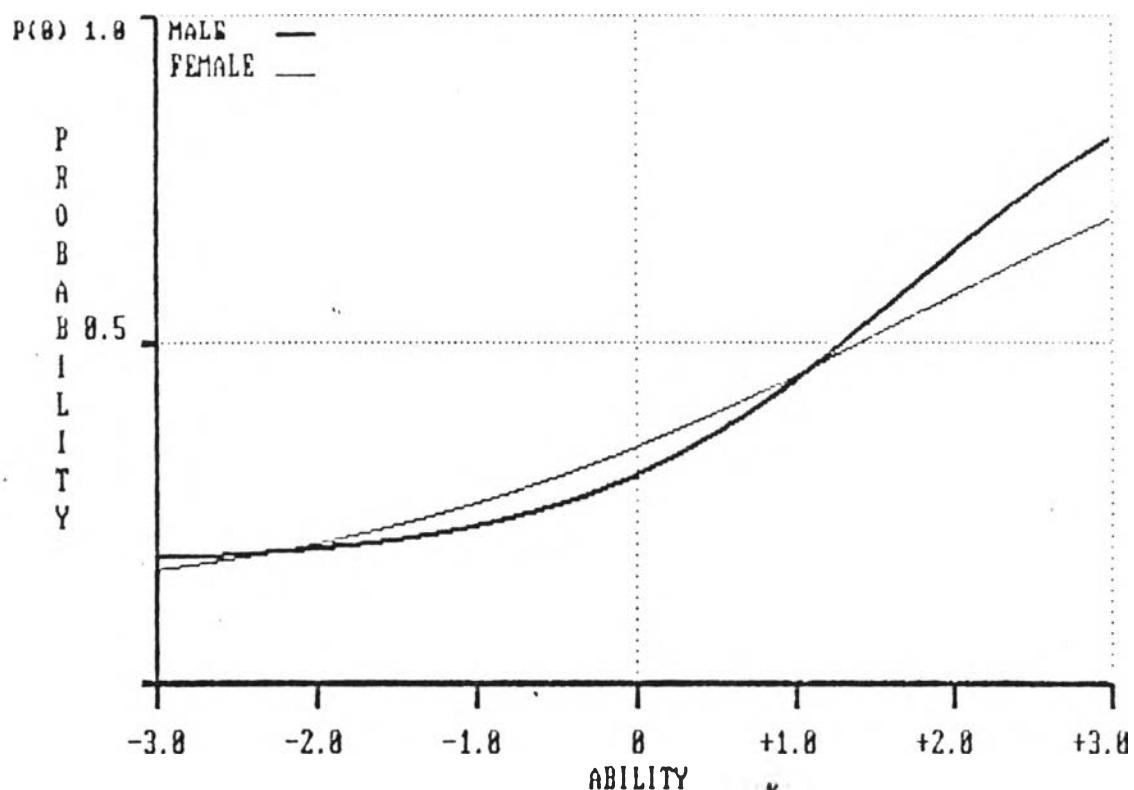


FIGURE 253 PLOT ITEM CHARACTERISTIC CURVE (n=89)

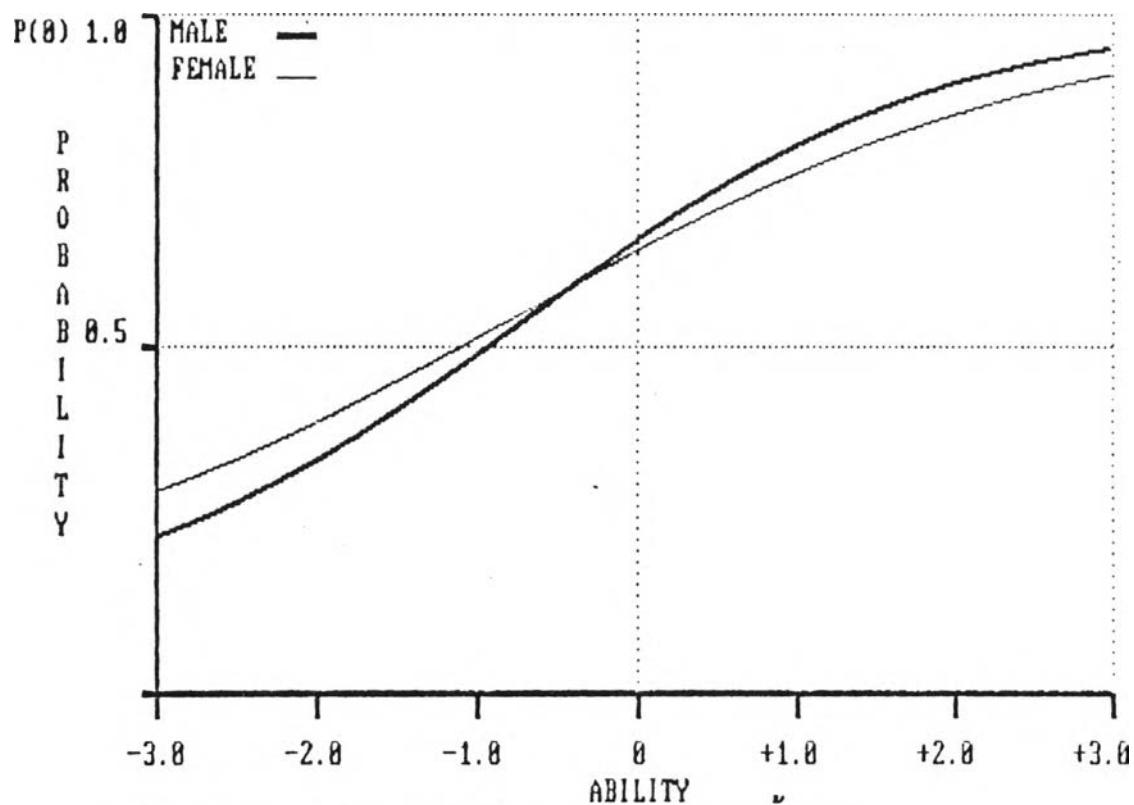


FIGURE 254 PLOT ITEM CHARACTERISTIC CURVE (n=90)

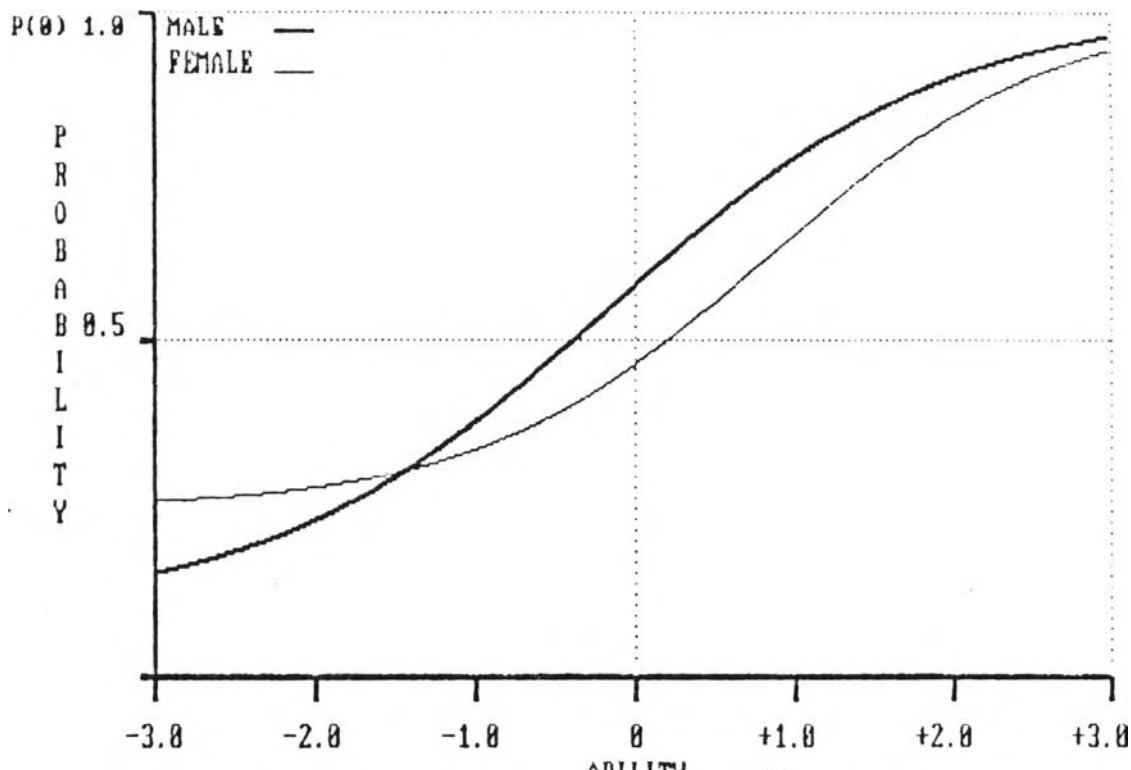


FIGURE 255 PLOT ITEM CHARACTERISTIC CURVE (n=91)

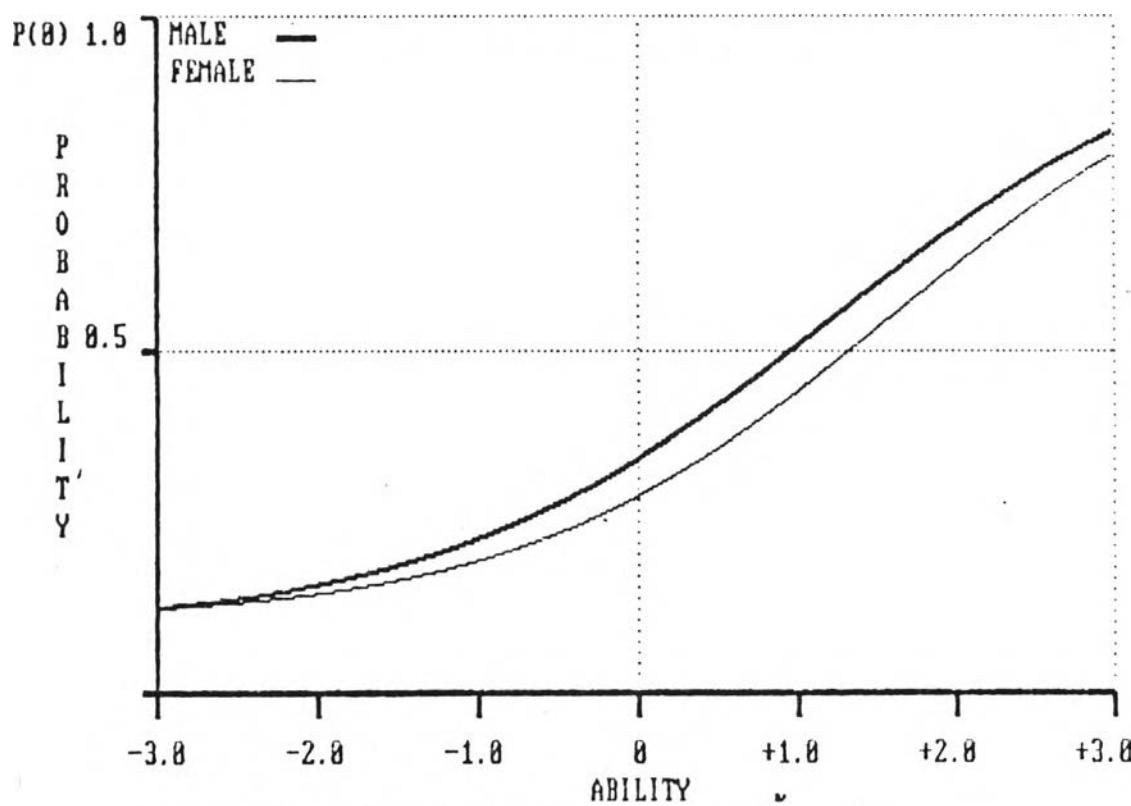


FIGURE 256 PLOT ITEM CHARACTERISTIC CURVE (n=92)

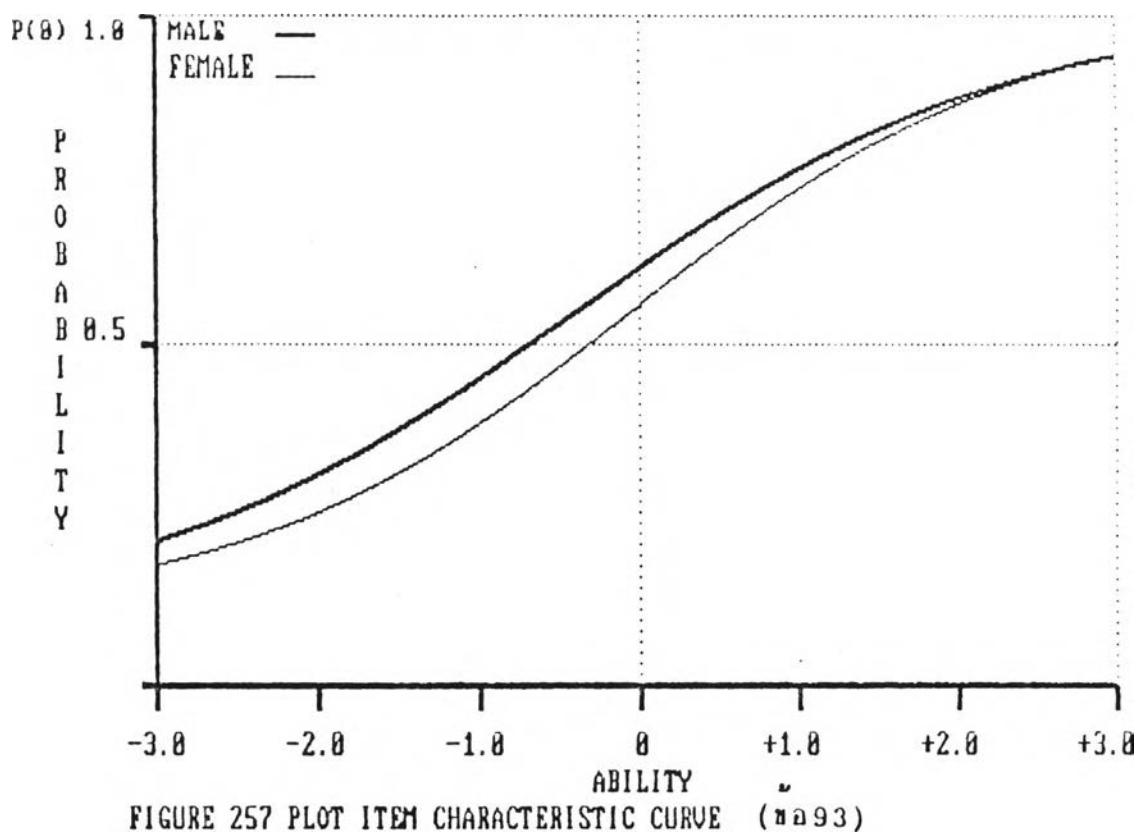


FIGURE 257 PLOT ITEM CHARACTERISTIC CURVE (n=93)

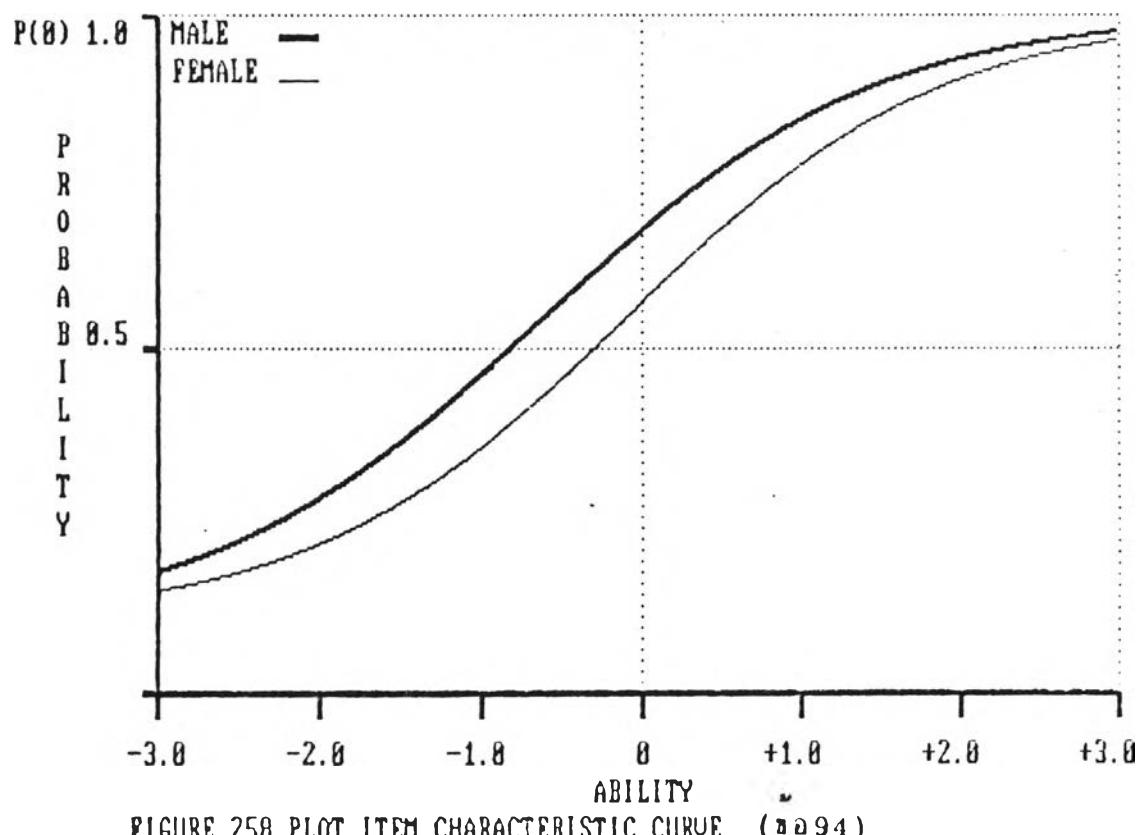


FIGURE 258 PLOT ITEM CHARACTERISTIC CURVE (n=94)

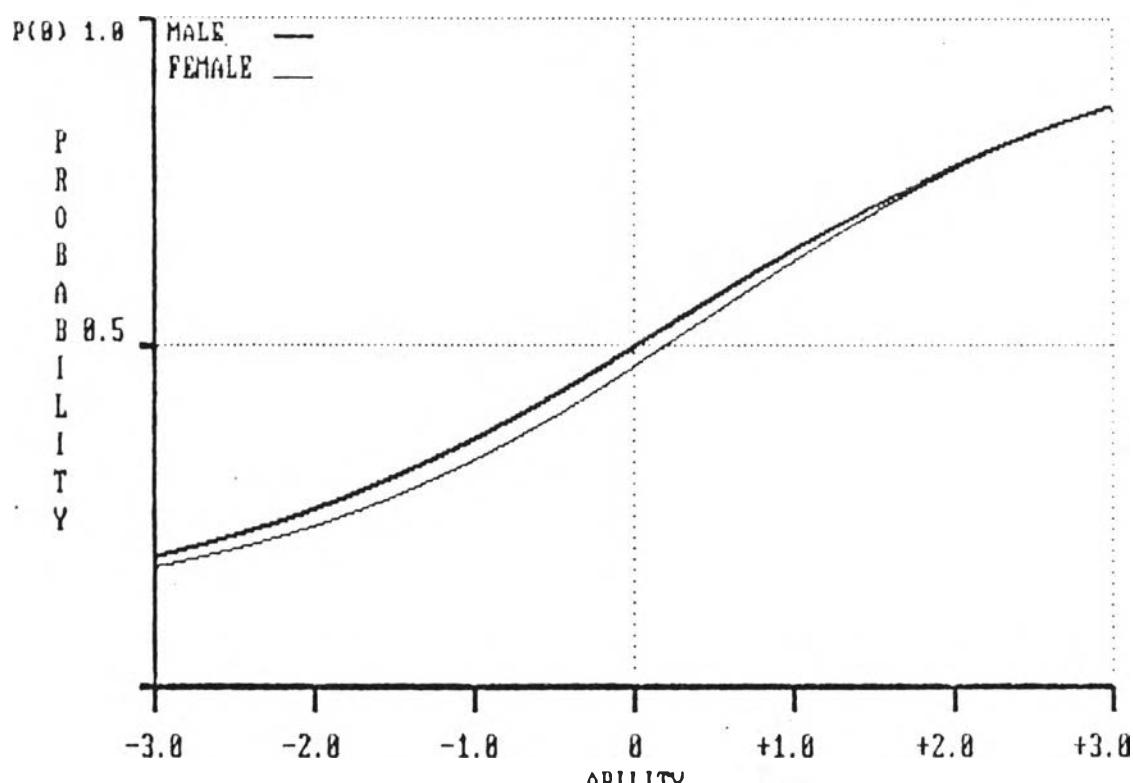


FIGURE 259 PLOT ITEM CHARACTERISTIC CURVE (1995)

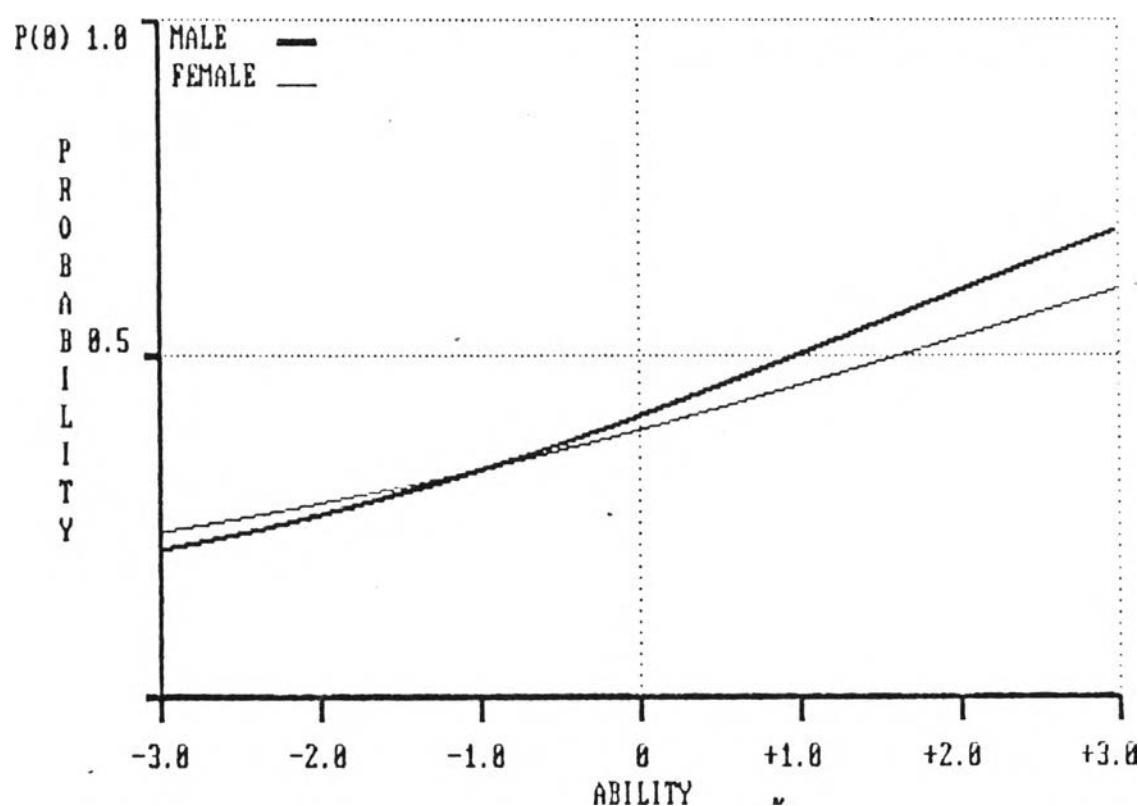


FIGURE 260 PLOT ITEM CHARACTERISTIC CURVE (1997)

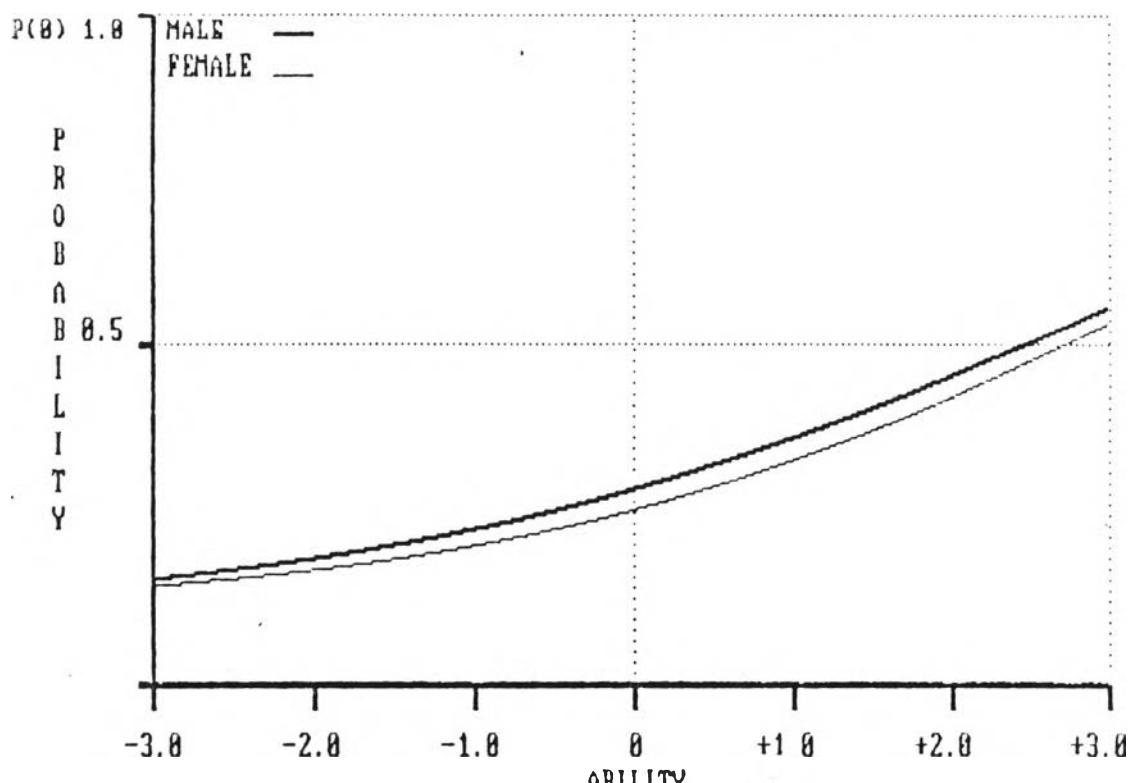


FIGURE 261 PLOT ITEM CHARACTERISTIC CURVE (1998)

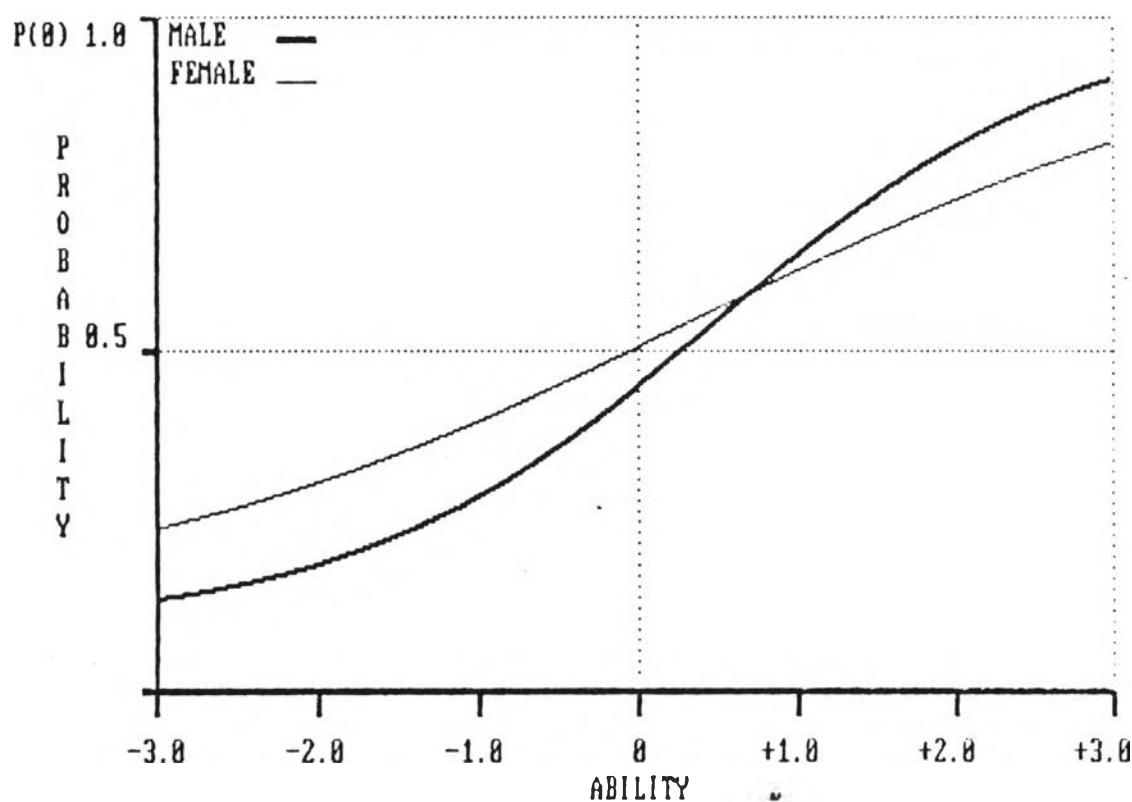


FIGURE 262 PLOT ITEM CHARACTERISTIC CURVE (1999)

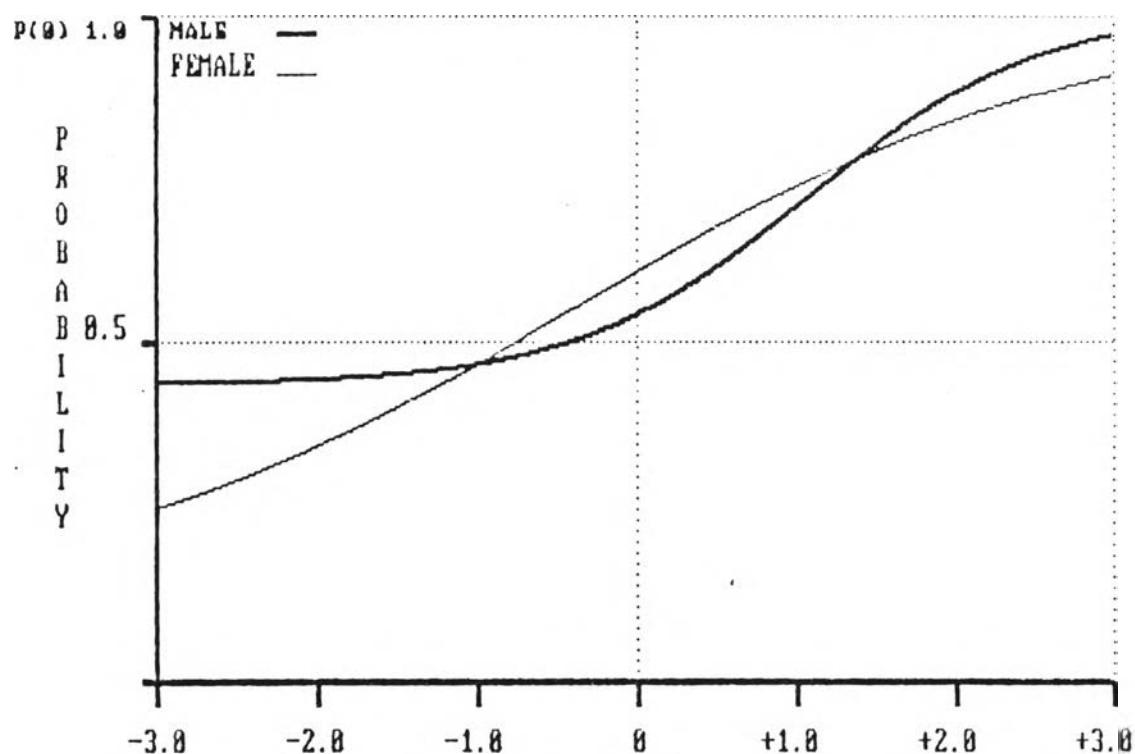


FIGURE 263 PLOT ITEM CHARACTERISTIC CURVE ( $n=100$ )

ປະຈຸບັນ

ນາຍສරັດກີ່ ອນຮຽຕົນສັກລື້ ເກີດວັນທີ 16 ກຸມພານີ້ ນ.ສ. 2496 ແລ້ວເກອນງຈະຈັນ  
ຈັກວັນສິ່ງທຶນ ສໍາເຮົາບົງປິດຂໍາການສຶກສານັ້ນທີ່ ຈາກນາວີກອາລີຍຄົງຮົນກວົງໂຮງ ບາງເນັດ  
ເນື້ອປີການສຶກສາ 2517 ສໍາເຮົາບົງປິດຂໍາການສຶກສານັ້ນທີ່ ສາງການວັດລາກການສຶກສາ ຈາກ  
ນາວີກອາລີຍຄົງຮົນກວົງໂຮງ ປະສາຍີຕາ ເນື້ອປີການສຶກສາ 2520 ເຫັນສຶກສາຫຼວ່າໃໝ່ລັກສູງ  
ບົງປິດຄຸສົກສົງຄຸມ ສາງການວັດແລະປະປະເມີນການສຶກສາ ນັ້ນທີ່ກົດກອາລີຍ ຈຸ່າລົງກົນ  
ນາວີກອາລີຍ ເນື້ອປີການສຶກສາ 2524 ປັຈຈຸນ້ວນຮາກການໃໝ່ແຜ່ນ່າງຮອງຄາສທາງຈາກຍົດປັນ 8  
ກາຄວິຊາການຄະສວນແລະວິຊຍ ຄະສຶກສາຄາສົກ ນາວີກອາລີຍຮາມຄຳແໜ່ງ

