

MASS in MeV	-e	0	+e	GROUPING & STRANGENESS
1400	$\underline{\underline{Y_1^- \rightarrow \Lambda^0 + \pi^-}}$	$\underline{\underline{Y_1^0 \rightarrow \Lambda^0 + \pi^0}}$	$\underline{\underline{Y_1^+ \rightarrow \Lambda^0 + \pi^+}}$ <u>1395</u>	S=-2
1300	$\underline{\underline{\Xi^-}}$ <u>1319</u>	$\underline{\underline{\Xi^0}}$ <u>1311</u>		S=-2
1200	$\underline{\underline{\Sigma^-}}$ <u>1196</u>	$\underline{\underline{\Sigma^0}}$ <u>1191</u>	$\underline{\underline{\Sigma^+}}$ <u>1189</u>	S=-1
1100		$\underline{\underline{\Lambda^0}}$ <u>1115</u>		S=-1
1000				
900		$\underline{\underline{n}}$ <u>939</u>	$\underline{\underline{p}}$ <u>938</u>	S=0
800		$\omega^0 \rightarrow \pi + \pi + \pi$		S=0
700	$\underline{\underline{\rho^- \rightarrow \pi + \pi}}$	$\underline{\underline{\rho^0 \rightarrow \pi + \pi}}$	$\underline{\underline{\rho^+ \rightarrow \pi + \pi}}$	S=0
600				
500	$\underline{\underline{K^-}}$ <u>494</u>	$\underline{\underline{K^0 \bar{K}^0}}$ <u>498</u>	$\underline{\underline{K^+}}$ <u>494</u>	S=±1
400				
300				
200				
100	$\underline{\underline{\pi^-}}$ <u>139.6</u> $\underline{\underline{\mu^-}}$ <u>105.6</u>	$\underline{\underline{\pi^0}}$ <u>135.0</u>	$\underline{\underline{\pi^+}}$ <u>139.6</u>	S=0
0	$\underline{\underline{e^-}}$ <u>0.51</u>	$\underline{\underline{\nu^0}}$ <u>0</u>		