

enum	name in code	name in manual	description	enable
0	Null	-	-	×
1	MaNCEL		tweak Ma NCEL, affects $d\sigma(\text{NCEL})/dQ^2$ both in shape and normalization	✓
2	EtaNCEL		tweak NCEL strange axial form factor eta, affects $d\sigma(\text{NCEL})/dQ^2$ both in shape and normalization	
3	NormCCQE		tweak CCQE normalization (energy independent)	
4	NormCCQEenu		tweak CCQE normalization (maintains dependence on neutrino energy)	
5	MaCCQEShape		tweak Ma CCQE, affects $d\sigma(\text{CCQE})/dQ^2$ in shape only (normalized to constant integral)	
6	MaCCQE		tweak Ma CCQE, affects $d\sigma(\text{CCQE})/dQ^2$ both in shape and normalization	
7	VecCCQEShape		tweak elastic nucleon form factors (BBA/default -> dipole) - shape only effect of $d\sigma(\text{CCQE})/dQ^2$	
8	NormCCRES		tweak CCRES normalization	
9	MaCCRESshape		tweak Ma CCRES, affects $d^2\sigma(\text{CCRES})/dWdQ^2$ in shape only (normalized to constant integral)	
10	MvCCRESshape		tweak Mv CCRES, affects $d^2\sigma(\text{CCRES})/dWdQ^2$ in shape only (normalized to constant integral)	

11	MaCCRES		tweak Ma CCRES, affects $d2\sigma(\text{CCRES})/dWdQ2$ both in shape and normalization	
12	MvCCRES		tweak Mv CCRES, affects $d2\sigma(\text{CCRES})/dWdQ2$ both in shape and normalization	
13	NormNCRES		tweak NCRES normalization	
14	MaNCRESshape		tweak Ma NCRES, affects $d2\sigma(\text{NCRES})/dWdQ2$ in shape only (normalized to constant integral)	
15	MvNCRESshape		tweak Mv NCRES, affects $d2\sigma(\text{NCRES})/dWdQ2$ in shape only (normalized to constant integral)	
16	MaNCRES		tweak Ma NCRES, affects $d2\sigma(\text{NCRES})/dWdQ2$ both in shape and normalization	
17	MvNCRES		tweak Mv NCRES, affects $d2\sigma(\text{NCRES})/dWdQ2$ both in shape and normalization	
18	MaCOHpi		tweak Ma for COH pion production	
19	R0COHpi		tweak R0 for COH pion production	
20	RvpCC1pi		tweak the 1pi non-RES bkg in the RES region, for v+p CC	
21	RvpCC2pi		tweak the 2pi non-RES bkg in the RES region, for v+p CC	
22	RvpNC1pi		tweak the 1pi non-RES bkg in the RES region, for v+p NC	
23	RvpNC2pi		tweak the 2pi non-RES bkg in the RES region, for v+p NC	
24	RvnCC1pi		tweak the 1pi non-RES bkg in the RES region, for v+n CC	

25	RvnCC2pi		tweak the 2pi non-RES bkg in the RES region, for v+n CC	
26	RvnNC1pi		tweak the 1pi non-RES bkg in the RES region, for v+n NC	
27	RvnNC2pi		tweak the 2pi non-RES bkg in the RES region, for v+n NC	
28	RvbarpCC1pi		tweak the 1pi non-RES bkg in the RES region, for vbar+p CC	
29	RvbarpCC2pi		tweak the 2pi non-RES bkg in the RES region, for vbar+p CC	
30	RvbarpNC1pi		tweak the 1pi non-RES bkg in the RES region, for vbar+p NC	
31	RvbarpNC2pi		tweak the 2pi non-RES bkg in the RES region, for vbar+p NC	
32	RvbarnCC1pi		tweak the 1pi non-RES bkg in the RES region, for vbar+n CC	
33	RvbarnCC2pi		tweak the 2pi non-RES bkg in the RES region, for vbar+n CC	
34	RvbarnNC1pi		tweak the 1pi non-RES bkg in the RES region, for vbar+n NC	
35	RvbarnNC2pi		tweak the 2pi non-RES bkg in the RES region, for vbar+n NC	
36	AhtBY		tweak the Bodek-Yang model parameter A_{ht} – <i>incl.bothshapeandnormalizationeffect</i>	