

Unoscillated:

Δm_{21}^2	$7.53 \times 10^{-5} \text{ eV}^2$
Δm_{32}^2	$2.509 \times 10^{-3} \text{ eV}^2$
Hierarchy	Normal
$\sin^2 \theta_{13}$	0.0
$\sin^2 \theta_{23}$	0.0
$\sin^2 \theta_{12}$	0.0
δ_{CP}	0

Oscillated:

Δm_{21}^2	$7.6 \times 10^{-5} \text{ eV}^2$
Δm_{32}^2	$2.4 \times 10^{-3} \text{ eV}^2$
Hierarchy	Normal
$\sin^2 \theta_{13}$	0.025 658 4
$\sin^2 \theta_{23}$	0.5
$\sin^2 \theta_{12}$	0.32
δ_{CP}	0

Number of unoscillated events: FHC

1 Ring ν_μ -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	35576.34398	0.14331	720.74584	0.00645	0.00000	0.00000	36297.23957
CCnQE	7902.76775	0.11289	225.82600	0.00783	0.00000	0.00000	8128.71447
NC	265.48107	6.93005	9.92865	0.65410	0.00000	0.00000	282.99387
Tot	43744.59279	7.18625	956.50049	0.66839	0.00000	0.00000	44708.94791

1 Ring ν_e -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	27.47628	246.12820	0.41938	8.77566	0.00000	0.00000	282.79952
CCnQE	9.59605	104.36022	0.17416	4.28091	0.00000	0.00000	118.41133
NC	121.73697	2.82985	5.41724	0.31983	0.00000	0.00000	130.30389
Tot	158.80929	353.31827	6.01078	13.37640	0.00000	0.00000	531.51474

Number of unoscillated events: RHC

1 Ring ν_μ -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	6526.44127	0.17236	29247.99852	0.16331	0.00000	0.00000	35774.77546
CCnQE	2845.57220	0.12171	5066.98824	0.08930	0.00000	0.00000	7912.77145
NC	129.85935	6.27434	145.37486	4.41227	0.00000	0.00000	285.92082
Tot	9501.87283	6.56841	34460.36162	4.66488	0.00000	0.00000	43973.46773

1 Ring ν_e -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	4.80113	104.39874	20.94552	188.79881	0.00000	0.00000	318.94419
CCnQE	3.64632	53.67106	4.19395	62.96167	0.00000	0.00000	124.47300
NC	56.80156	2.70091	115.27472	2.55421	0.00000	0.00000	177.33140
Tot	65.24901	160.77071	140.41419	254.31469	0.00000	0.00000	620.74860

Number of events: FHC

1 Ring ν_μ -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	6316.85694	0.13678	350.10847	0.00626	0.56944	0.00603	6667.68392
CCnQE	2481.65999	0.10560	143.36235	0.00744	1.45104	0.00496	2626.59137
NC	265.48107	6.93005	9.92865	0.65410	0.00000	0.00000	282.99387
Tot	9063.99800	7.17243	503.39947	0.66780	2.02047	0.01099	9577.26916

1 Ring ν_e -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	4.50941	225.60329	0.14537	8.18212	1548.62094	13.62519	1800.68631
CCnQE	2.44384	96.85469	0.09911	4.05297	457.07470	4.28671	564.81201
NC	121.73697	2.82985	5.41724	0.31983	0.00000	0.00000	130.30389
Tot	128.69022	325.28782	5.66172	12.55492	2005.69564	17.91190	2495.80221

Number of events: RHC

1 Ring ν_μ -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	2815.19259	0.16480	6187.43414	0.15685	0.12814	0.40308	9003.47960
CCnQE	1721.36392	0.11362	1665.60380	0.08418	0.15936	0.27101	3387.59589
NC	129.85935	6.27434	145.37486	4.41227	0.00000	0.00000	285.92082
Tot	4666.41586	6.55276	7998.41280	4.65329	0.28750	0.67409	12676.99631

1 Ring ν_e -like

	ν_μ	ν_e	$\bar{\nu}_\mu$	$\bar{\nu}_e$	$\nu_\mu \rightarrow \nu_e$	$\bar{\nu}_\mu \rightarrow \bar{\nu}_e$	Total
CCQE	1.56510	95.98676	3.80496	175.54812	169.33610	996.80801	1443.04905
CCnQE	1.86106	50.22242	1.53069	59.08169	66.96589	240.00834	419.67009
NC	56.80156	2.70091	115.27472	2.55421	0.00000	0.00000	177.33140
Tot	60.22772	148.91009	120.61037	237.18402	236.30200	1236.81635	2040.05054