

**FHC 1Rmu**

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	98.134	97.626	98.040		0.52%	0.10%	0.42%
CC1pi	15.250	15.246	15.239		0.03%	0.08%	-0.05%
Cccoh	0.206	0.206	0.205		0.07%	0.29%	-0.22%
2p2h	17.737	17.735	17.729		0.01%	0.04%	-0.03%
Ccoth	3.114	3.112	3.114		0.06%	0.01%	0.05%
NC1pi	2.874	2.874	2.874		0.00%	-0.01%	0.01%
Nccoh	0.000	0.000	0.000		0.00%	-0.39%	0.39%
Ncoth	1.152	1.152	1.152		0.00%	0.00%	0.00%

**RHC 1Rmu**

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	45.044	45.181	45.046		-0.30%	0.00%	-0.30%
CC1pi	8.308	8.306	8.308		0.03%	0.00%	0.03%
Cccoh	0.237	0.237	0.237		0.03%	0.00%	0.02%
2p2h	5.414	5.413	5.414		0.01%	-0.01%	0.03%
Ccoth	1.605	1.604	1.602		0.02%	0.14%	-0.12%
NC1pi	0.928	0.928	0.928		0.00%	-0.01%	0.01%
Nccoh	0.002	0.002	0.002		0.00%	0.12%	-0.12%
Ncoth	0.536	0.536	0.535		0.00%	0.00%	0.00%

**FHC 1Re**

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	18.735	18.740	18.927		-0.03%	-1.02%	1.00%
CC1pi	2.176	2.176	2.180		-0.01%	-0.18%	0.18%
Cccoh	0.022	0.022	0.022		0.05%	-1.39%	1.46%
2p2h	3.649	3.648	3.651		0.01%	-0.06%	0.07%
Ccoth	0.125	0.125	0.125		-0.02%	-0.25%	0.23%
NC1pi	0.979	0.979	0.979		0.00%	0.00%	0.00%
Nccoh	0.299	0.299	0.299		0.00%	0.00%	0.00%
Ncoth	0.181	0.181	0.181		-0.01%	0.00%	0.00%
Ncgamma	1.029	1.029	1.029		0.00%	0.00%	0.00%

**RHC 1Re**

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	5.245	5.267	5.265		-0.42%	-0.38%	-0.04%
CC1pi	0.750	0.750	0.749		0.01%	0.06%	-0.05%
Cccoh	0.051	0.051	0.051		0.10%	0.02%	0.07%
2p2h	0.505	0.505	0.506		0.01%	-0.24%	0.25%
Ccoth	0.058	0.058	0.058		0.03%	0.00%	0.04%
NC1pi	0.357	0.357	0.357		-0.01%	0.04%	-0.05%
Nccoh	0.253	0.253	0.253		0.00%	0.00%	0.00%
Ncoth	0.086	0.086	0.086		0.00%	0.00%	0.00%
Ncgamma	0.520	0.520	0.520		0.00%	0.00%	0.00%

CC1pi

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	0.102	0.102	0.103		0.00%	-1.11%	1.13%
CC1pi	2.148	2.148	2.148		0.00%	-0.01%	0.00%
Cccoh	0.050	0.050	0.050		0.06%	0.01%	0.05%
2p2h	0.071	0.071	0.071		0.31%	0.02%	0.29%
Ccoth	0.140	0.140	0.140		-0.14%	-0.12%	-0.02%
NC1pi	0.044	0.044	0.044		0.02%	-0.07%	0.09%
Ncoth	0.116	0.116	0.116		0.00%	0.00%	0.00%
Ncgamma	0.030	0.030	0.030		0.00%	0.01%	-0.01%