FHC 1Rmu

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	92.764	92.269	92.035		0.54%	0.79%	-0.25%
CC1pi	14.997	14.993	14.996		0.03%	0.01%	0.02%
Cccoh	0.202	0.202	0.202		0.06%	0.00%	0.06%
2p2h	17.194	17.191	17.173		0.01%	0.12%	-0.10%
Ccoth	3.108	3.106	3.108		0.06%	-0.01%	0.07%
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	43.599		43.020	4359.85%	1.34%	-4302.0
CC1pi	8.221		8.221	822.10%	0.00%	-822.09
Cccoh	0.230		0.230	23.00%	0.00%	-23.00
2p2h	5.346		5.341	534.57%	0.10%	-534.00
Ccoth	1.602		1.602	160.17%	-0.01%	-160.18
NC1pi	0.928		0.928	92.79%	-0.01%	-92.80
Nccoh	0.002		0.002	0.20%	0.12%	-0.20%
Ncoth	0.536		0.535	53.55%	0.00%	-53.55

FHC 1Re

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	26.078	26.092	26.220		-0.05%	-0.54%	0.49%
CC1pi	2.774	2.774	2.773		0.00%	0.02%	-0.02%
Cccoh	0.027	0.027	0.027		0.04%	0.01%	0.02%
2p2h	4.871	4.872	4.872		-0.02%	-0.03%	0.01%
Ccoth	0.132	0.132	0.132		-0.02%	-0.01%	-0.01%
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	5.019		4.989		501.88%	0.60%	-498.8
CC1pi	0.718		0.716		71.78%	0.30%	-71.57
Cccoh	0.046		0.046		4.57%	0.01%	-4.57%
2p2h	0.533		0.533		53.35%	0.03%	-53.33
Ccoth	0.058		0.058		5.79%	-0.01%	-5.79%
NC1pi	0.357		0.357		35.67%	0.04%	-35.66
Nccoh	0.253		0.253		25.32%	0.00%	-25.32
Ncoth	0.086		0.086		8.57%	0.00%	-8.57%
Ncgamma	0.520		0.520		51.98%	0.00%	-51.98

CC1pi

Mode	Valor	Mach3	ptheta		VxM	VxP	MxP
CCQE	0.132	0.132	0.133		-0.04%	-0.67%	0.64%
CC1pi	2.830	2.830	2.830		0.01%	0.00%	0.01%
Cccoh	0.068	0.068	0.068		0.03%	0.02%	0.01%
2p2h	0.091	0.090	0.091		0.25%	0.00%	0.25%
Ccoth	0.152	0.152	0.152		-0.09%	-0.01%	-0.09%
NC1pi	0.044	0.044	0.044		0.02%	-0.07%	0.09%
Ncoth	0.116	0.116	0.113		0.00%	1.94%	-1.90%
Ncgamma	0.030	0.030	0.030		0.00%	0.01%	-0.01%