

A_all Beta2 of C runs	dA_all Beta2	C runs	A_Q	sign of A_beta2*A_q	Run	A_unpol Q norm	A_LT	A_unpol norm+LT
1.78%	2.47%	Carbon	1.28%	1	72205	0.50%	-97.85%	97.88%
0.02%	0.14%	Carbon	0.06%	1	72206	-0.05%	-97.71%	97.71%
0.14%	0.06%	C+He	-0.04%	-1	72287	0.18%	0.07%	0.11%
0.09%	0.06%	C+He	-0.04%	-1	72288	0.13%	0.04%	0.08%
0.21%	0.15%	C+He	-0.05%	-1	72289	0.26%	0.07%	0.19%
0.19%	0.07%	Carbon	-0.05%	-1	72290	0.23%	0.06%	0.18%
0.05%	0.09%	Carbon	-0.05%	-1	72291	0.10%	0.10%	-0.01%
0.11%	0.07%	C+He	0.02%	1	72341	0.08%	0.07%	0.01%
0.06%	0.07%	C+He	0.03%	1	72342	0.02%	0.08%	-0.06%
-0.08%	0.18%	C+He	0.02%	-1	72343	-0.10%	0.28%	-0.38%
-0.05%	0.14%	C+He	0.01%	-1	72344	-0.06%	0.11%	-0.16%
0.00%	0.14%	C+He	0.02%	-1	72345	-0.02%	0.08%	-0.10%
0.33%	0.40%	C+He	0.05%	1	72346	0.28%	0.53%	-0.25%
-0.06%	0.11%	C+He	0.03%	-1	72347	-0.09%	0.13%	-0.22%
-0.06%	0.19%	C+He	0.04%	-1	72348	-0.10%	0.16%	-0.26%
-0.20%	0.12%	Carbon	0.06%	-1	72375	-0.25%	0.05%	-0.31%
0.16%	0.13%	Carbon	0.06%	1	72377	0.11%	0.13%	-0.02%
-0.26%	0.07%	Carbon	0.08%	-1	72380	-0.34%	0.07%	-0.41%
-0.33%	0.07%	Carbon	0.07%	-1	72381	-0.40%	0.06%	-0.46%
-0.15%	0.11%	Carbon	0.10%	-1	72435	-0.25%	0.03%	-0.28%
-0.23%	0.08%	Carbon	0.10%	-1	72436	-0.33%	0.02%	-0.35%
-0.19%	0.08%	C+He	0.10%	-1	72442	-0.28%	0.13%	-0.42%
-0.27%	0.10%	C+He	0.10%	-1	72697	-0.38%	0.19%	-0.57%
-0.07%	0.09%	C+He	0.10%	-1	72698	-0.17%	0.19%	-0.36%
-0.17%	0.05%	C+He	0.09%	-1	72705	-0.26%	0.16%	-0.41%
-0.13%	0.07%	Carbon	0.09%	-1	72754	-0.22%	0.32%	-0.53%
-0.18%	0.09%	Carbon	0.10%	-1	72782	-0.28%	0.25%	-0.54%
-0.88%	0.52%	Carbon	0.06%	-1	72912	-0.94%	-0.40%	-0.55%
0.05%	0.12%	C+He	0.03%	1	72937	0.02%	0.04%	-0.03%
0.13%	0.14%	Carbon	0.03%	1	72940	0.10%	-0.05%	0.15%
-0.22%	0.28%	C+He	0.03%	-1	72952	-0.25%	-0.08%	-0.17%
0.05%	0.14%	Carbon	0.04%	1	72953	0.01%	0.00%	0.01%
0.06%	0.22%	Carbon	0.04%	1	72954	0.02%	0.11%	-0.09%
-0.14%	0.12%	Carbon	0.05%	-1	72955	-0.19%	0.05%	-0.24%
-0.42%	0.14%	C+He	0.08%	-1	72970	-0.49%	0.07%	-0.57%
-0.02%	0.18%	C+He	0.07%	-1	72971	-0.09%	0.08%	-0.17%
-0.72%	0.18%	C+He	0.08%	-1	72972	-0.80%	-0.03%	-0.78%
-0.09%	0.09%	C+He	0.02%	-1	72993	-0.12%	0.06%	-0.17%
0.02%	0.10%	Carbon	0.02%	1	72994	0.00%	0.03%	-0.03%
0.11%	0.10%	Carbon	0.01%	1	72995	0.10%	0.02%	0.07%
-0.22%	0.17%	C+He	0.06%	-1	73006	-0.29%	0.03%	-0.32%
-0.18%	0.13%	C+He	0.05%	-1	73008	-0.23%	0.00%	-0.23%
0.06%	0.11%	C+He	0.05%	1	73009	0.00%	-0.01%	0.01%
0.00%	0.11%	C+He	0.03%	-1	73026	-0.04%	-0.01%	-0.03%
-0.06%	0.14%	Carbon	0.03%	-1	73027	-0.09%	0.05%	-0.14%

N(-1)

32

N(1)

11

<A_Q> 0.043% (from BCM1)

<|A_Q|> 0.053%

Non-NH3 <A_Beta2>

-0.058%

+/-

0.015%

Q normalized

-0.098%

+/-

0.015%

With LT

-0.190%

+/-

0.015%

Shaded runs were used in previous study:

<A_Beta2>

-0.15%

+/-

0.06%

Excluded runs

With swapped helicity labels LT based on h- LT correct first?

N

N

A_all Beta2 of C runs	dA_all Beta2	C runs	A_Q	sign of A_beta2*A_q	Run	A_unpol Q norm	A_LT	A_unpol norm+LT	A_Q
1.78%	2.47%	Carbon	1.28%	1	72205	0.50%	97.85%	-97.83%	1.28%
0.02%	0.14%	Carbon	0.06%	1	72206	-0.05%	97.71%	-97.71%	0.06%
0.14%	0.06%	C+He	-0.04%	-1	72287	0.18%	-0.07%	0.25%	-0.04%
0.09%	0.06%	C+He	-0.04%	-1	72288	0.13%	-0.04%	0.17%	-0.04%
0.21%	0.15%	C+He	-0.05%	-1	72289	0.26%	-0.07%	0.32%	-0.05%
0.19%	0.07%	Carbon	-0.05%	-1	72290	0.23%	-0.06%	0.29%	-0.05%
0.05%	0.09%	Carbon	-0.05%	-1	72291	0.10%	-0.10%	0.20%	-0.05%
0.11%	0.07%	C+He	0.02%	1	72341	0.08%	-0.07%	0.15%	0.02%
0.06%	0.07%	C+He	0.03%	1	72342	0.02%	-0.08%	0.10%	0.03%
-0.08%	0.18%	C+He	0.02%	-1	72343	-0.10%	-0.28%	0.18%	0.02%
-0.05%	0.14%	C+He	0.01%	-1	72344	-0.06%	-0.11%	0.05%	0.01%
0.00%	0.14%	C+He	0.02%	-1	72345	-0.02%	-0.08%	0.06%	0.02%
0.33%	0.40%	C+He	0.05%	1	72346	0.28%	-0.53%	0.81%	0.05%
-0.06%	0.11%	C+He	0.03%	-1	72347	-0.09%	-0.13%	0.04%	0.03%
-0.06%	0.19%	C+He	0.04%	-1	72348	-0.10%	-0.16%	0.06%	0.04%
-0.20%	0.12%	Carbon	0.06%	-1	72375	-0.25%	-0.05%	-0.20%	0.06%
0.16%	0.13%	Carbon	0.06%	1	72377	0.11%	-0.13%	0.24%	0.06%
-0.26%	0.07%	Carbon	0.08%	-1	72380	-0.34%	-0.07%	-0.27%	0.08%
-0.33%	0.07%	Carbon	0.07%	-1	72381	-0.40%	-0.06%	-0.34%	0.07%
-0.15%	0.11%	Carbon	0.10%	-1	72435	-0.25%	-0.03%	-0.22%	0.10%
-0.23%	0.08%	Carbon	0.10%	-1	72436	-0.33%	-0.02%	-0.31%	0.10%
-0.19%	0.08%	C+He	0.10%	-1	72442	-0.28%	-0.13%	-0.15%	0.10%
-0.27%	0.10%	C+He	0.10%	-1	72697	-0.38%	-0.19%	-0.19%	0.10%
-0.07%	0.09%	C+He	0.10%	-1	72698	-0.17%	-0.19%	0.02%	0.10%
-0.17%	0.05%	C+He	0.09%	-1	72705	-0.26%	-0.16%	-0.10%	0.09%
-0.13%	0.07%	Carbon	0.09%	-1	72754	-0.22%	-0.32%	0.10%	0.09%
-0.18%	0.09%	Carbon	0.10%	-1	72782	-0.28%	-0.25%	-0.03%	0.10%
-0.88%	0.52%	Carbon	0.06%	-1	72912	-0.94%	0.40%	-1.34%	0.06%
0.05%	0.12%	C+He	0.03%	1	72937	0.02%	-0.04%	0.06%	0.03%
0.13%	0.14%	Carbon	0.03%	1	72940	0.10%	0.05%	0.05%	0.03%
-0.22%	0.28%	C+He	0.03%	-1	72952	-0.25%	0.08%	-0.33%	0.03%
0.05%	0.14%	Carbon	0.04%	1	72953	0.01%	0.00%	0.01%	0.04%
0.06%	0.22%	Carbon	0.04%	1	72954	0.02%	-0.11%	0.13%	0.04%
-0.14%	0.12%	Carbon	0.05%	-1	72955	-0.19%	-0.05%	-0.14%	0.05%
-0.42%	0.14%	C+He	0.08%	-1	72970	-0.49%	-0.07%	-0.42%	0.08%
-0.02%	0.18%	C+He	0.07%	-1	72971	-0.09%	-0.08%	0.00%	0.07%
-0.72%	0.18%	C+He	0.08%	-1	72972	-0.80%	0.03%	-0.83%	0.08%
-0.09%	0.09%	C+He	0.02%	-1	72993	-0.12%	-0.06%	-0.06%	0.02%
0.02%	0.10%	Carbon	0.02%	1	72994	0.00%	-0.03%	0.03%	0.02%
0.11%	0.10%	Carbon	0.01%	1	72995	0.10%	-0.02%	0.12%	0.01%
-0.22%	0.17%	C+He	0.06%	-1	73006	-0.29%	-0.03%	-0.26%	0.06%
-0.18%	0.13%	C+He	0.05%	-1	73008	-0.23%	0.00%	-0.24%	0.05%
0.06%	0.11%	C+He	0.05%	1	73009	0.00%	0.01%	0.00%	0.05%
0.00%	0.11%	C+He	0.03%	-1	73026	-0.04%	0.01%	-0.05%	0.03%
-0.06%	0.14%	Carbon	0.03%	-1	73027	-0.09%	-0.05%	-0.04%	0.03%

N(-1) 32
N(1) 11

<A_Q>	0.043%	(from BCM1)				
<A_Q>	0.053%		Non-NH3 <A_Beta2>	-0.058%	+/-	0.015%
			Q normalized	-0.098%	+/-	0.015%
			& With LT	-0.006%	+/-	0.015%

Shaded runs were used in previous study: <A_Beta2> -0.15% +/- 0.06%

Excluded runs

With swapped helicity labels LT based on h+ LT correct first?

N

N

A_all Beta2 of C runs	dA_all Beta2	C runs	A_Q	sign of A_beta2*A_q	Run	A_unpol LT	A_LT	A_unpol norm+LT
1.78%	2.47%	Carbon	1.28%	1	72205	-97.78%	97.85%	-97.83%
0.02%	0.14%	Carbon	0.06%	1	72206	-97.71%	97.71%	-97.71%
0.14%	0.06%	C+He	-0.04%	-1	72287	0.21%	-0.07%	0.25%
0.09%	0.06%	C+He	-0.04%	-1	72288	0.13%	-0.04%	0.17%
0.21%	0.15%	C+He	-0.05%	-1	72289	0.28%	-0.07%	0.32%
0.19%	0.07%	Carbon	-0.05%	-1	72290	0.25%	-0.06%	0.29%
0.05%	0.09%	Carbon	-0.05%	-1	72291	0.15%	-0.10%	0.20%
0.11%	0.07%	C+He	0.02%	1	72341	0.18%	-0.07%	0.15%
0.06%	0.07%	C+He	0.03%	1	72342	0.14%	-0.08%	0.10%
-0.08%	0.18%	C+He	0.02%	-1	72343	0.20%	-0.28%	0.18%
-0.05%	0.14%	C+He	0.01%	-1	72344	0.06%	-0.11%	0.05%
0.00%	0.14%	C+He	0.02%	-1	72345	0.08%	-0.08%	0.06%
0.33%	0.40%	C+He	0.05%	1	72346	0.86%	-0.53%	0.81%
-0.06%	0.11%	C+He	0.03%	-1	72347	0.07%	-0.13%	0.04%
-0.06%	0.19%	C+He	0.04%	-1	72348	0.10%	-0.16%	0.06%
-0.20%	0.12%	Carbon	0.06%	-1	72375	-0.14%	-0.05%	-0.20%
0.16%	0.13%	Carbon	0.06%	1	72377	0.29%	-0.13%	0.24%
-0.26%	0.07%	Carbon	0.08%	-1	72380	-0.19%	-0.07%	-0.27%
-0.33%	0.07%	Carbon	0.07%	-1	72381	-0.27%	-0.06%	-0.34%
-0.15%	0.11%	Carbon	0.10%	-1	72435	-0.12%	-0.03%	-0.22%
-0.23%	0.08%	Carbon	0.10%	-1	72436	-0.21%	-0.02%	-0.31%
-0.19%	0.08%	C+He	0.10%	-1	72442	-0.05%	-0.13%	-0.15%
-0.27%	0.10%	C+He	0.10%	-1	72697	-0.08%	-0.19%	-0.19%
-0.07%	0.09%	C+He	0.10%	-1	72698	0.13%	-0.19%	0.02%
-0.17%	0.05%	C+He	0.09%	-1	72705	-0.01%	-0.16%	-0.10%
-0.13%	0.07%	Carbon	0.09%	-1	72754	0.19%	-0.32%	0.10%
-0.18%	0.09%	Carbon	0.10%	-1	72782	0.07%	-0.25%	-0.03%
-0.88%	0.52%	Carbon	0.06%	-1	72912	-1.28%	0.40%	-1.34%
0.05%	0.12%	C+He	0.03%	1	72937	0.09%	-0.04%	0.06%
0.13%	0.14%	Carbon	0.03%	1	72940	0.07%	0.05%	0.05%
-0.22%	0.28%	C+He	0.03%	-1	72952	-0.31%	0.08%	-0.33%
0.05%	0.14%	Carbon	0.04%	1	72953	0.05%	0.00%	0.01%
0.06%	0.22%	Carbon	0.04%	1	72954	0.17%	-0.11%	0.13%
-0.14%	0.12%	Carbon	0.05%	-1	72955	-0.09%	-0.05%	-0.14%
-0.42%	0.14%	C+He	0.08%	-1	72970	-0.34%	-0.07%	-0.42%
-0.02%	0.18%	C+He	0.07%	-1	72971	0.07%	-0.08%	0.00%
-0.72%	0.18%	C+He	0.08%	-1	72972	-0.75%	0.03%	-0.83%
-0.09%	0.09%	C+He	0.02%	-1	72993	-0.04%	-0.06%	-0.06%
0.02%	0.10%	Carbon	0.02%	1	72994	0.04%	-0.03%	0.03%
0.11%	0.10%	Carbon	0.01%	1	72995	0.13%	-0.02%	0.12%
-0.22%	0.17%	C+He	0.06%	-1	73006	-0.20%	-0.03%	-0.26%
-0.18%	0.13%	C+He	0.05%	-1	73008	-0.19%	0.00%	-0.24%
0.06%	0.11%	C+He	0.05%	1	73009	0.05%	0.01%	0.00%
0.00%	0.11%	C+He	0.03%	-1	73026	-0.01%	0.01%	-0.05%
-0.06%	0.14%	Carbon	0.03%	-1	73027	-0.01%	-0.05%	-0.04%

N(-1) 32
N(1) 11

<A_Q>	0.043%	(from BCM1)					
< A_Q >	0.053%		Non-NH3 <A_Beta2>	-0.058%	+/-	0.015%	
			With LT	0.033%	+/-	0.015%	
			& Q normalized	-0.006%	+/-	0.015%	

Shaded runs were used in previous study: <A_Beta2> -0.15% +/- 0.06%

Excluded runs

With swapped helicity labels LT based on h+ LT correct first?

N Y

A_all Beta2 of C runs	dA_all Beta2	C runs	A_Q	sign of A_beta2*A_q	Run	A_unpol LT	A_LT	A_unpol norm+LT
1.78%	2.47%	Carbon	-1.28%	1	72205	-97.78%	97.85%	-97.72%
0.02%	0.14%	Carbon	-0.06%	1	72206	-97.71%	97.71%	-97.70%
0.14%	0.06%	C+He	0.04%	-1	72287	0.21%	-0.07%	0.17%
0.09%	0.06%	C+He	0.04%	-1	72288	0.13%	-0.04%	0.09%
0.21%	0.15%	C+He	0.05%	-1	72289	0.28%	-0.07%	0.23%
0.19%	0.07%	Carbon	0.05%	-1	72290	0.25%	-0.06%	0.20%
0.05%	0.09%	Carbon	0.05%	-1	72291	0.15%	-0.10%	0.10%
0.11%	0.07%	C+He	-0.02%	1	72341	0.18%	-0.07%	0.20%
0.06%	0.07%	C+He	-0.03%	1	72342	0.14%	-0.08%	0.17%
-0.08%	0.18%	C+He	-0.02%	-1	72343	0.20%	-0.28%	0.21%
-0.05%	0.14%	C+He	-0.01%	-1	72344	0.06%	-0.11%	0.07%
0.00%	0.14%	C+He	-0.02%	-1	72345	0.08%	-0.08%	0.10%
0.33%	0.40%	C+He	-0.05%	1	72346	0.86%	-0.53%	0.91%
-0.06%	0.11%	C+He	-0.03%	-1	72347	0.07%	-0.13%	0.11%
-0.06%	0.19%	C+He	-0.04%	-1	72348	0.10%	-0.16%	0.14%
-0.20%	0.12%	Carbon	-0.06%	-1	72375	-0.14%	-0.05%	-0.08%
0.16%	0.13%	Carbon	-0.06%	1	72377	0.29%	-0.13%	0.35%
-0.26%	0.07%	Carbon	-0.08%	-1	72380	-0.19%	-0.07%	-0.11%
-0.33%	0.07%	Carbon	-0.07%	-1	72381	-0.27%	-0.06%	-0.20%
-0.15%	0.11%	Carbon	-0.10%	-1	72435	-0.12%	-0.03%	-0.02%
-0.23%	0.08%	Carbon	-0.10%	-1	72436	-0.21%	-0.02%	-0.11%
-0.19%	0.08%	C+He	-0.10%	-1	72442	-0.05%	-0.13%	0.05%
-0.27%	0.10%	C+He	-0.10%	-1	72697	-0.08%	-0.19%	0.02%
-0.07%	0.09%	C+He	-0.10%	-1	72698	0.13%	-0.19%	0.23%
-0.17%	0.05%	C+He	-0.09%	-1	72705	-0.01%	-0.16%	0.08%
-0.13%	0.07%	Carbon	-0.09%	-1	72754	0.19%	-0.32%	0.28%
-0.18%	0.09%	Carbon	-0.10%	-1	72782	0.07%	-0.25%	0.17%
-0.88%	0.52%	Carbon	-0.06%	-1	72912	-1.28%	0.40%	-1.22%
0.05%	0.12%	C+He	-0.03%	1	72937	0.09%	-0.04%	0.12%
0.13%	0.14%	Carbon	-0.03%	1	72940	0.07%	0.05%	0.10%
-0.22%	0.28%	C+He	-0.03%	-1	72952	-0.31%	0.08%	-0.28%
0.05%	0.14%	Carbon	-0.04%	1	72953	0.05%	0.00%	0.08%
0.06%	0.22%	Carbon	-0.04%	1	72954	0.17%	-0.11%	0.21%
-0.14%	0.12%	Carbon	-0.05%	-1	72955	-0.09%	-0.05%	-0.04%
-0.42%	0.14%	C+He	-0.08%	-1	72970	-0.34%	-0.07%	-0.27%
-0.02%	0.18%	C+He	-0.07%	-1	72971	0.07%	-0.08%	0.14%
-0.72%	0.18%	C+He	-0.08%	-1	72972	-0.75%	0.03%	-0.67%
-0.09%	0.09%	C+He	-0.02%	-1	72993	-0.04%	-0.06%	-0.02%
0.02%	0.10%	Carbon	-0.02%	1	72994	0.04%	-0.03%	0.06%
0.11%	0.10%	Carbon	-0.01%	1	72995	0.13%	-0.02%	0.15%
-0.22%	0.17%	C+He	-0.06%	-1	73006	-0.20%	-0.03%	-0.13%
-0.18%	0.13%	C+He	-0.05%	-1	73008	-0.19%	0.00%	-0.13%
0.06%	0.11%	C+He	-0.05%	1	73009	0.05%	0.01%	0.10%
0.00%	0.11%	C+He	-0.03%	-1	73026	-0.01%	0.01%	0.02%
-0.06%	0.14%	Carbon	-0.03%	-1	73027	-0.01%	-0.05%	0.02%

N(-1) 32
N(1) 11

<A_Q>	-0.043%	(from BCM1)					
< A_Q >	0.053%		Non-NH3 <A_Beta2>	-0.058%	+/-	0.015%	
			With LT	0.033%	+/-	0.015%	
			& Q normalized	0.073%	+/-	0.015%	

Shaded runs were used in previous study: <A_Beta2> -0.15% +/- 0.06%

Excluded runs

With swapped helicity labels LT based on h+ LT correct first?

Y Y

A_all Beta2 of C runs	dA_all Beta2	C runs	A_Q	sign of A_beta2*A_q	Run	A_unpol Q norm	A_LT	A_unpol norm+LT
1.78%	2.47%	Carbon	-1.28%	1	72205	3.05%	97.85%	-97.72%
0.02%	0.14%	Carbon	-0.06%	1	72206	0.08%	97.71%	-97.70%
0.14%	0.06%	C+He	0.04%	-1	72287	0.10%	-0.07%	0.17%
0.09%	0.06%	C+He	0.04%	-1	72288	0.04%	-0.04%	0.09%
0.21%	0.15%	C+He	0.05%	-1	72289	0.16%	-0.07%	0.23%
0.19%	0.07%	Carbon	0.05%	-1	72290	0.14%	-0.06%	0.20%
0.05%	0.09%	Carbon	0.05%	-1	72291	0.00%	-0.10%	0.10%
0.11%	0.07%	C+He	-0.02%	1	72341	0.13%	-0.07%	0.20%
0.06%	0.07%	C+He	-0.03%	1	72342	0.09%	-0.08%	0.17%
-0.08%	0.18%	C+He	-0.02%	-1	72343	-0.07%	-0.28%	0.21%
-0.05%	0.14%	C+He	-0.01%	-1	72344	-0.04%	-0.11%	0.07%
0.00%	0.14%	C+He	-0.02%	-1	72345	0.02%	-0.08%	0.10%
0.33%	0.40%	C+He	-0.05%	1	72346	0.38%	-0.53%	0.91%
-0.06%	0.11%	C+He	-0.03%	-1	72347	-0.02%	-0.13%	0.11%
-0.06%	0.19%	C+He	-0.04%	-1	72348	-0.01%	-0.16%	0.14%
-0.20%	0.12%	Carbon	-0.06%	-1	72375	-0.14%	-0.05%	-0.08%
0.16%	0.13%	Carbon	-0.06%	1	72377	0.22%	-0.13%	0.35%
-0.26%	0.07%	Carbon	-0.08%	-1	72380	-0.18%	-0.07%	-0.11%
-0.33%	0.07%	Carbon	-0.07%	-1	72381	-0.26%	-0.06%	-0.20%
-0.15%	0.11%	Carbon	-0.10%	-1	72435	-0.05%	-0.03%	-0.02%
-0.23%	0.08%	Carbon	-0.10%	-1	72436	-0.13%	-0.02%	-0.11%
-0.19%	0.08%	C+He	-0.10%	-1	72442	-0.09%	-0.13%	0.05%
-0.27%	0.10%	C+He	-0.10%	-1	72697	-0.17%	-0.19%	0.02%
-0.07%	0.09%	C+He	-0.10%	-1	72698	0.04%	-0.19%	0.23%
-0.17%	0.05%	C+He	-0.09%	-1	72705	-0.08%	-0.16%	0.08%
-0.13%	0.07%	Carbon	-0.09%	-1	72754	-0.04%	-0.32%	0.28%
-0.18%	0.09%	Carbon	-0.10%	-1	72782	-0.08%	-0.25%	0.17%
-0.88%	0.52%	Carbon	-0.06%	-1	72912	-0.82%	0.40%	-1.22%
0.05%	0.12%	C+He	-0.03%	1	72937	0.08%	-0.04%	0.12%
0.13%	0.14%	Carbon	-0.03%	1	72940	0.15%	0.05%	0.10%
-0.22%	0.28%	C+He	-0.03%	-1	72952	-0.20%	0.08%	-0.28%
0.05%	0.14%	Carbon	-0.04%	1	72953	0.08%	0.00%	0.08%
0.06%	0.22%	Carbon	-0.04%	1	72954	0.10%	-0.11%	0.21%
-0.14%	0.12%	Carbon	-0.05%	-1	72955	-0.09%	-0.05%	-0.04%
-0.42%	0.14%	C+He	-0.08%	-1	72970	-0.34%	-0.07%	-0.27%
-0.02%	0.18%	C+He	-0.07%	-1	72971	0.06%	-0.08%	0.14%
-0.72%	0.18%	C+He	-0.08%	-1	72972	-0.65%	0.03%	-0.67%
-0.09%	0.09%	C+He	-0.02%	-1	72993	-0.07%	-0.06%	-0.02%
0.02%	0.10%	Carbon	-0.02%	1	72994	0.03%	-0.03%	0.06%
0.11%	0.10%	Carbon	-0.01%	1	72995	0.12%	-0.02%	0.15%
-0.22%	0.17%	C+He	-0.06%	-1	73006	-0.16%	-0.03%	-0.13%
-0.18%	0.13%	C+He	-0.05%	-1	73008	-0.13%	0.00%	-0.13%
0.06%	0.11%	C+He	-0.05%	1	73009	0.11%	0.01%	0.10%
0.00%	0.11%	C+He	-0.03%	-1	73026	0.03%	0.01%	0.02%
-0.06%	0.14%	Carbon	-0.03%	-1	73027	-0.03%	-0.05%	0.02%

N(-1) 32
N(1) 11

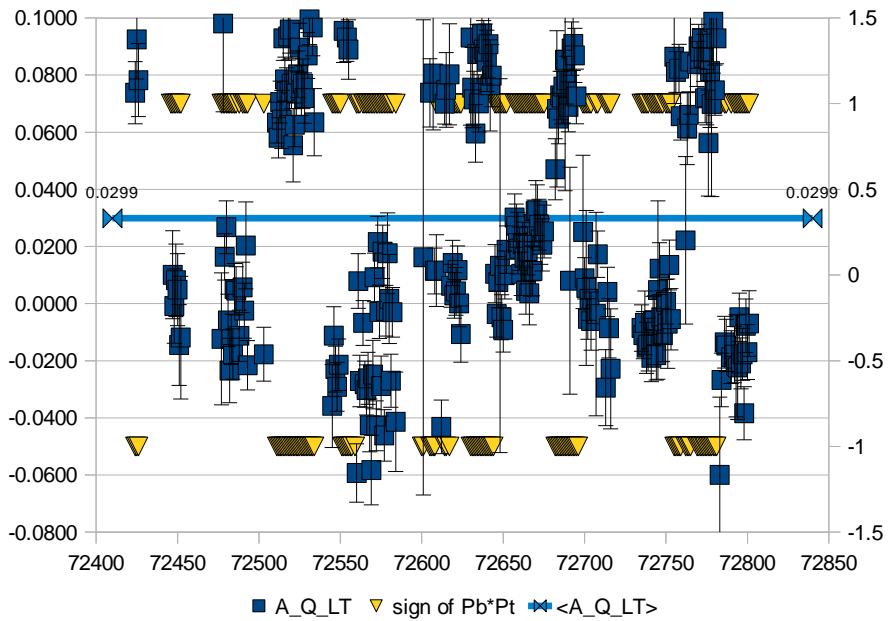
<A_Q> -0.043% (from BCM1)
 <|A_Q|> 0.053%
 Non-NH3 <A_Beta2> -0.058% +/- 0.015%
 Q normalized -0.019% +/- 0.015%
 With LT 0.073% +/- 0.015%

Shaded runs were used in previous study: <A_Beta2> -0.15% +/- 0.06%

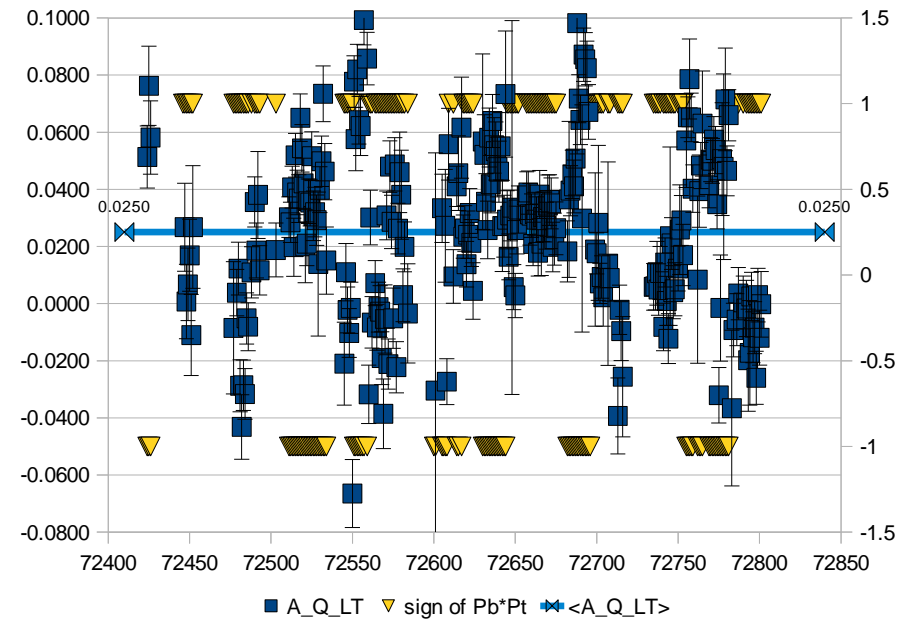
Excluded runs

With swapped helicity labels LT based on h+ LT correct first?

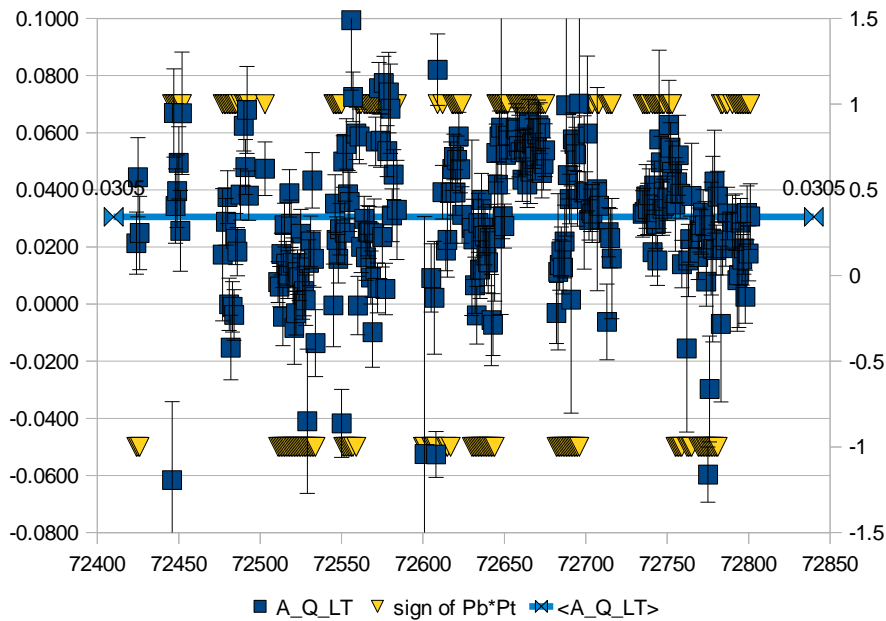
Y N



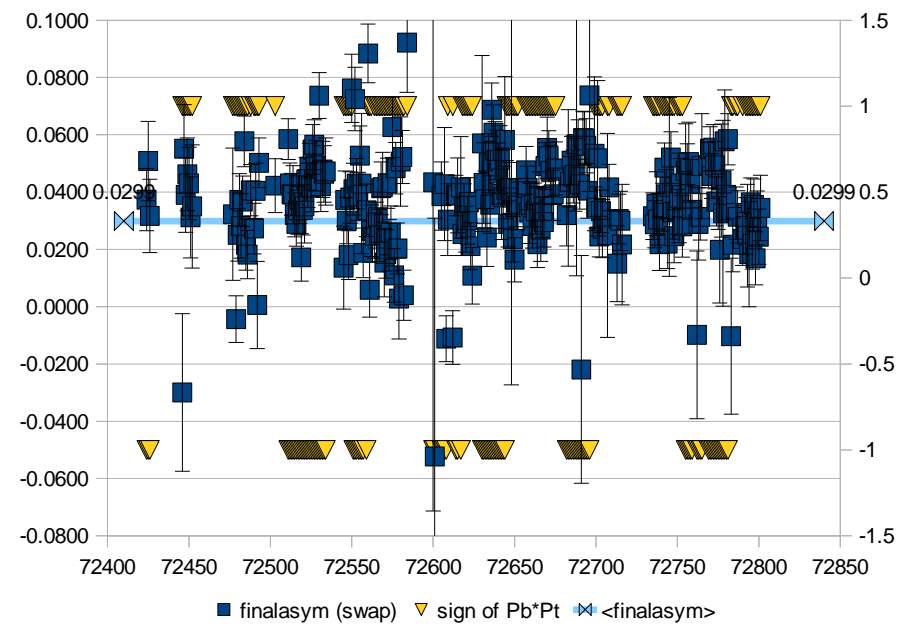
No LT or A_false, charge norm, no swap



LT 538 h+, no A_false, charge norm, no swap



LT 538 h+, A_false = 0.18%, charge norm, no swap



No LT or A_false charge norm, swap