EXTENDED

Answer Matrix (RES(I) = ANS(I-7))

1.
2.
3.
4.
5. B_x
6. B_y
7. B_z
8. $|\vec{B}|$
9.
10.
11.
12.
13.
14.
15.
16. J_A^{mom}
17. J_B^{mom}
18. J_C^{mom}
19. J_D^{mom}
20 n_A
21. n_B
22 n_C
23. n_D
24. V_{An}

25. V_{Bn}
26. V_{Cn}
27. V_{Dn}
28. V_x^{mom}
29. V_y^{mom}
30. V_z^{mom}
31. $|\vec{V}|_{mom}$
32. Θ_{mom}
33. ϕ_{mom}
34. W_{nA}
35. W_{nB}
36. W_{nC}
37. W_{nD}
38. $\bar{n}_{mom}$
39. δn
40. W_{mom}
41. A
42. X^2_W
43. q_A^{mom}
44. q_B
45. q_C
46. $q_{Parm}^{1st\ 2p}$
47. q_{11}
48. X^2

P
- 49. $\bar{V}_x^{fit}$
- 50. $\bar{V}_y^{fit}$
- 51. $\bar{V}_z^{fit}$
- 52. $\bar{n}_{fit}$
- 53. W_{fit}
- 54. A_{fit}
- 55. $\bar{q}_{fit}$
- 56. $\bar{V}_x^{fit}$
- 57. $\bar{V}_y^{fit}$
- 58. $\bar{V}_z$
- 59. $\bar{n}_{fit}$
- 60. $\bar{W}_{fit}$
- 61. $\bar{A}_{fit}$
- 62. $\bar{q}_{fit}$
- 63. δV_{2-p}^{fit}
- 64. V_x^{1p}
- 65. V_y^{1p}
- 66. V_z^{1p}
- 67. n^{1p}
- 68. W_{11}^{1p}
- 69. $W_\perp^{1p}$
- 70. δV^{2p}
- 71. n^{2p}
- 72. W_{11}^{2p}

1st
- 73. $W_\perp^{2p}$
- 74. δV^{1x}
- 75. n^{1x}
- 76. W_{11}^{1x}
- 77. $W_\perp^{1x}$

2nd
- 78. δV^{2x}
- 79. n^{2x}
- 80. W_{11}^{2x}
- 81. $W_\perp^{2x}$

- 82. $\log_{10} X^2$
- 83. $\log_{10} X^2_{ext}$
- 84. ICALL
- 85. IQUAL
- 86. J_{fit}^{A}
- 87. J_{fit}^{B}
- 88. J_{fit}^{C}
- 89. IXCEL
- 90. t_1
- 91. t_2
- 92. t_3
- 93. n_1^{cor}
- 94. n_2^{cor}
- 95. n_3^{cor}
- 96. B_K

$\chi_{NS} = ATAN2(V_N, \sqrt{V_T^2 + V_R^2})$

$\chi_{EN} = -ATAN2(VT, VR)$

97. B_T

98. B_N

99. V_R^{mom}

100. V_T^{mom}

101. V_N^{mom}

102. $|\vec{V}^{mom}|$

103. χ_{NS}^{mom} ⟶

104. χ_{EN}^{mom} ⟶

105. V_R

106. V_T

107. V_N

108. $|\vec{V}|$

109. χ_{NS} ⟶

110. χ_{EN} ⟶

P, FTT

111. V_R

112. V_T

113. V_N

114. $|\vec{V}|$

15. χ_{NS}

116. χ_{EW}

α, FTT

117. n_α^{mom}

118. W_α^{mom}

119. $V_\alpha^{x\ mom.}$

120. $V_\alpha^{y\ mom.}$

121. $V_\alpha^{z\ mom.}$

22. $IP_{\Lambda\alpha}$

123 $IP_{B\alpha}$

124 $IP_{C\alpha}$

125 $N_{\alpha\ less\ than\ proton}$

126 $N_{\alpha\ less\ than\ alpha}$

127 $|\vec{V}_\alpha - \vec{V}_p|$ momenta

128 $\chi(V_\alpha - V_p, \hat{b})$

129 δn_α

130 $cos(b, n_A)$

131 (b, n_B)

132 (b, n_C)

133 $\overline{W}_{mom\ proton}$