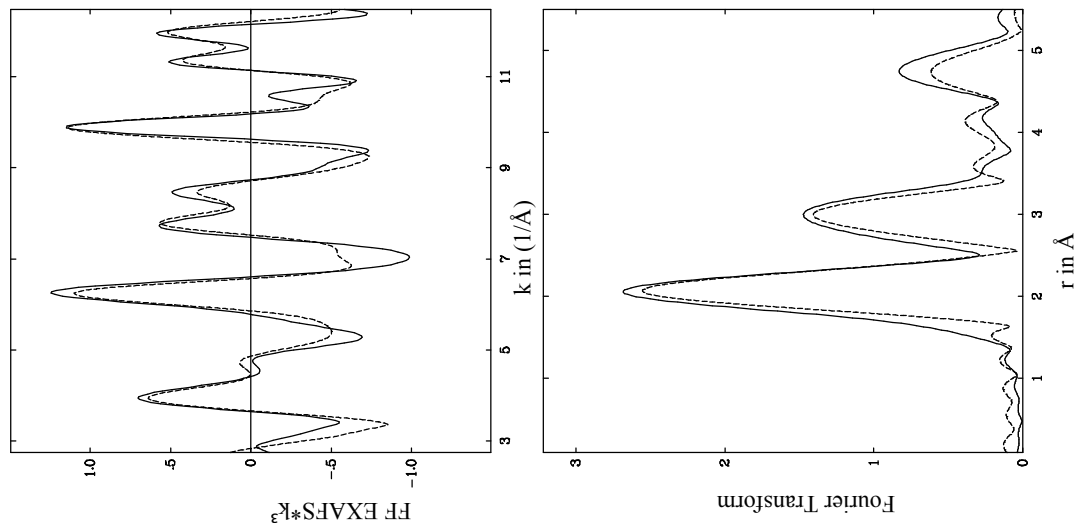
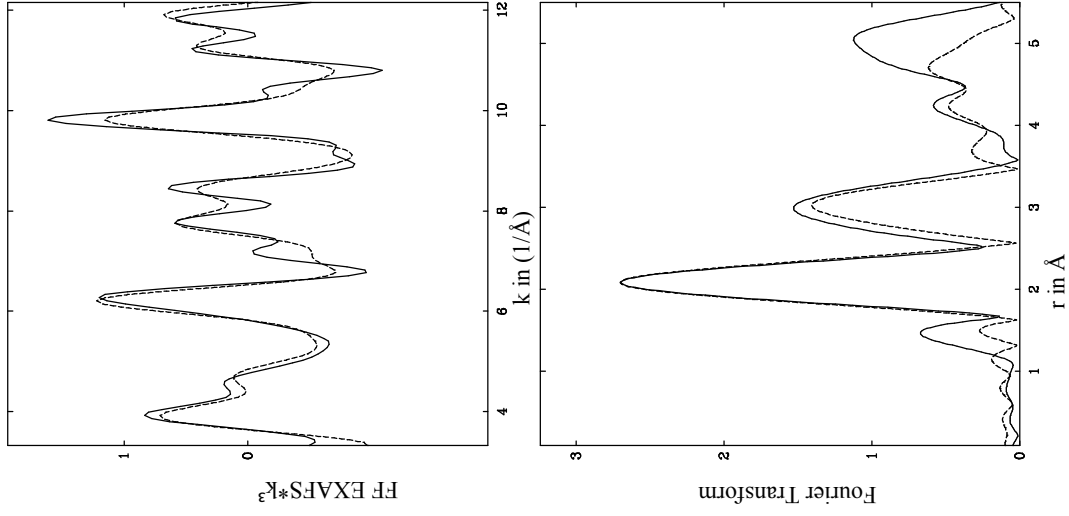


SUPPLEMENTARY MATERIAL FIGURE 1.
EXAFS from human thyroids, best theoretical
fit and Fourier transform. Solid line is Fourier
filtered (FF) experimental data to 5 Å, dashed
line is theory.



SUPPLEMENTARY MATERIAL FIGURE 2.
EXAFS from sheep thyroids, best theoretical
fit and Fourier transform. Solid line is Fourier
filtered (FF) experimental data to 5 Å, dashed
line is theory.



EXCURVE >>> 30/ 6/ 8 22:56:15

Column 2: CW SS Theory

Wave number	T4 EXAFS
0.7266381E+00	-0.1255889E-01
0.8919569E+00	-0.1065682E-01
0.1028617E+01	-0.6279327E-02
0.1150040E+01	-0.1021228E-02
0.1260210E+01	0.3850689E-02
0.1361494E+01	0.7524887E-02
0.1455397E+01	0.9626711E-02
0.1544592E+01	0.1012805E-01
0.1627677E+01	0.9206951E-02
0.1706092E+01	0.7215458E-02
0.1782236E+01	0.4467336E-02
0.1854904E+01	0.1387810E-02
0.1925716E+01	-0.1727878E-02
0.1992962E+01	-0.4502860E-02
0.2058267E+01	-0.6781298E-02
0.2122244E+01	-0.8423927E-02
0.2183205E+01	-0.9320674E-02
0.2243212E+01	-0.9499768E-02
0.2301427E+01	-0.8992335E-02
0.2358372E+01	-0.7889149E-02
0.2414463E+01	-0.6291549E-02
0.2468218E+01	-0.4384322E-02
0.2521451E+01	-0.2249232E-02
0.2573328E+01	-0.5505104E-04
0.2624430E+01	0.2093752E-02
0.2674556E+01	0.4075082E-02
0.2723374E+01	0.5784550E-02
0.2795801E+01	0.7741970E-02
0.2819173E+01	0.8195047E-02
0.2866261E+01	0.8810704E-02
0.2911686E+01	0.9009399E-02
0.2957257E+01	0.8812093E-02
0.3001830E+01	0.8245409E-02
0.3045234E+01	0.7363346E-02
0.3088878E+01	0.6185772E-02
0.3131369E+01	0.4806260E-02
0.3173497E+01	0.3265111E-02
0.3215400E+01	0.1619740E-02
0.3255959E+01	-0.1969028E-04
0.3296774E+01	-0.1657061E-02
0.3336815E+01	-0.3195306E-02
0.3375915E+01	-0.4582088E-02
0.3434456E+01	-0.6349262E-02
0.3492053E+01	-0.7620348E-02
0.3530140E+01	-0.8162789E-02
0.3585469E+01	-0.8492085E-02
0.3641110E+01	-0.8263213E-02
0.3695062E+01	-0.7524258E-02
0.3748622E+01	-0.6337457E-02
0.3801566E+01	-0.4795903E-02
0.3853681E+01	-0.3013921E-02
0.3904831E+01	-0.1111701E-02
0.3955552E+01	0.8168553E-03
0.4005663E+01	0.2658997E-02
0.4055123E+01	0.4319486E-02
0.4104019E+01	0.5723440E-02
0.4152308E+01	0.6810181E-02

0.4200072E+01 0.7541770E-02
0.4247269E+01 0.7897636E-02
0.4293977E+01 0.7877540E-02
0.4355365E+01 0.7298047E-02
0.4400927E+01 0.6491392E-02
0.4446228E+01 0.5412913E-02
0.4490634E+01 0.4135946E-02
0.4549485E+01 0.2205624E-02
0.4593235E+01 0.6745882E-03
0.4650562E+01 -0.1339002E-02
0.4693482E+01 -0.2774774E-02
0.4735543E+01 -0.4062076E-02
0.4791523E+01 -0.5510463E-02
0.4832947E+01 -0.6337984E-02
0.4887705E+01 -0.7060294E-02
0.4941936E+01 -0.7323880E-02
0.4982110E+01 -0.7222069E-02
0.5035349E+01 -0.6707835E-02
0.5088007E+01 -0.5809359E-02
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0.5178686E+01 -0.3534848E-02
0.5229874E+01 -0.1976665E-02
0.5280568E+01 -0.3466864E-03
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0.5368312E+01 0.2414183E-02
0.5417709E+01 0.3794023E-02
0.5466421E+01 0.4944334E-02
0.5515178E+01 0.5830559E-02
0.5563272E+01 0.6404970E-02
0.5610954E+01 0.6657023E-02
0.5658234E+01 0.6587324E-02
0.5705122E+01 0.6211622E-02
0.5751855E+01 0.5555158E-02
0.5797987E+01 0.4664703E-02
0.5843978E+01 0.3580674E-02
0.5900741E+01 0.2049549E-02
0.5945717E+01 0.7509990E-03
0.5990574E+01 -0.5576578E-03
0.6034881E+01 -0.1808494E-02
0.6089865E+01 -0.3226036E-02
0.6133454E+01 -0.4189652E-02
0.6176948E+01 -0.4969863E-02
0.6230679E+01 -0.5641872E-02
0.6273499E+01 -0.5924627E-02
0.6326616E+01 -0.5951331E-02
0.6368585E+01 -0.5720858E-02
0.6420712E+01 -0.5145511E-02
0.6462273E+01 -0.4481523E-02
0.6513852E+01 -0.3447790E-02
0.6554822E+01 -0.2499681E-02
0.6605480E+01 -0.1228619E-02
0.6655948E+01 0.8033460E-04
0.6696049E+01 0.1103540E-02
0.6745841E+01 0.2297440E-02
0.6795074E+01 0.3338774E-02
0.6844144E+01 0.4188499E-02
0.6883150E+01 0.4703264E-02
0.6931597E+01 0.5121218E-02
0.6979519E+01 0.5279198E-02
0.7027490E+01 0.5180053E-02

0.7074949E+01 0.4838075E-02
0.7131483E+01 0.4142872E-02
0.7168925E+01 0.3535062E-02
0.7215635E+01 0.2646385E-02
0.7261865E+01 0.1664438E-02
0.7307802E+01 0.6334462E-03
0.7353631E+01 -0.4034445E-03
0.7398820E+01 -0.1389286E-02
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0.7915713E+01 -0.1994115E-02
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0.9117037E+01 -0.3026142E-02
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0.9205278E+01 -0.2339633E-02
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0.9394093E+01 0.2489108E-04
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0.9529737E+01 0.1656207E-02
0.9572194E+01 0.2038066E-02
0.9621559E+01 0.2373477E-02
0.9663613E+01 0.2557544E-02
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0.9761035E+01 0.2605919E-02
0.9802625E+01 0.2469794E-02

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0.9987241E+01 0.1002212E-02
0.1003456E+02 0.4941660E-03
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0.1058063E+02 -0.1506412E-02
0.1063185E+02 -0.1141952E-02
0.1067656E+02 -0.7835535E-03
0.1072097E+02 -0.4070181E-03
0.1076531E+02 -0.2621933E-04
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0.1140403E+02 0.3518812E-03
0.1145169E+02 0.3708498E-04
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0.1204484E+02 -0.5001121E-03
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0.1227012E+02 0.5399927E-03
0.1232018E+02 0.7034755E-03
0.1236462E+02 0.8124053E-03
0.1240891E+02 0.8838194E-03
0.1245303E+02 0.9167158E-03
0.1250247E+02 0.9085375E-03
0.1254627E+02 0.8634314E-03

0.1259002E+02	0.7861708E-03
0.1263891E+02	0.6671361E-03
0.1268234E+02	0.5382082E-03
0.1272563E+02	0.3941036E-03
0.1277411E+02	0.2219186E-03
0.1281698E+02	0.6702496E-04
0.1286521E+02	-0.1025077E-03
0.1290788E+02	-0.2421926E-03
0.1295568E+02	-0.3808562E-03
0.1300340E+02	-0.4950966E-03
0.1304572E+02	-0.5727166E-03
0.1309312E+02	-0.6307645E-03
0.1313505E+02	-0.6555898E-03
0.1318222E+02	-0.6539150E-03
0.1322913E+02	-0.6226788E-03
0.1327586E+02	-0.5650101E-03
0.1331742E+02	-0.4945567E-03
0.1336385E+02	-0.3986553E-03
0.1341021E+02	-0.2897724E-03
0.1345642E+02	-0.1735874E-03
0.1350247E+02	-0.5568686E-04
0.1354846E+02	0.5887718E-04
0.1359420E+02	0.1648236E-03
0.1363979E+02	0.2583872E-03
0.1368532E+02	0.3363167E-03
0.1373070E+02	0.3959427E-03
0.1377592E+02	0.4357732E-03
0.1382100E+02	0.4553200E-03

EXCURVE >>> 11/ 7/ 8 14:36:39

Column 2: EXAFS (experiment)

Wave Number	RAT EXAFS
0.7280455E+00	-0.3581000E+00
0.8913829E+00	-0.3120800E+00
0.1092900E+01	-0.2649400E+00
0.1207020E+01	-0.2091200E+00
0.1261022E+01	-0.1869000E+00
0.1362997E+01	-0.1482900E+00
0.1456451E+01	-0.1181800E+00
0.1543597E+01	-0.9110600E-01
0.1627355E+01	-0.6975400E-01
0.1706707E+01	-0.5374000E-01
0.1783340E+01	-0.3520900E-01
0.1855752E+01	-0.2343200E-01
0.1925716E+01	-0.1766900E-01
0.1993950E+01	-0.1602600E-01
0.2058713E+01	-0.6387600E-02
0.2122244E+01	-0.4284500E-02
0.2183686E+01	-0.4192100E-02
0.2243680E+01	-0.8484800E-03
0.2330833E+01	-0.4114900E-02
0.2358817E+01	-0.4930300E-02
0.2414463E+01	-0.6607000E-02
0.2468643E+01	-0.5509700E-02
0.2521815E+01	-0.6562600E-02
0.2573940E+01	-0.7174500E-02
0.2624630E+01	-0.7261200E-02
0.2674752E+01	-0.8722100E-02
0.2723952E+01	-0.9880399E-02
0.2772610E+01	-0.1057800E-01
0.2819545E+01	-0.1269800E-01
0.2866627E+01	-0.1138000E-01
0.2912542E+01	-0.1188300E-01
0.2957257E+01	-0.7746700E-02
0.3002180E+01	-0.6747600E-02
0.3045923E+01	-0.3226000E-02
0.3089175E+01	-0.3551000E-02
0.3132207E+01	-0.1244400E-03
0.3173828E+01	0.2252000E-02
0.3215686E+01	0.4352200E-02
0.3256724E+01	0.3652800E-02
0.3296774E+01	0.9742500E-02
0.3356735E+01	0.1223700E-01
0.3415604E+01	0.1529700E-01
0.3473515E+01	0.1666300E-01
0.3530437E+01	0.1594400E-01
0.3586201E+01	0.1892300E-01
0.3622900E+01	0.1818300E-01
0.3677511E+01	0.1588100E-01
0.3731499E+01	0.1511200E-01
0.3784544E+01	0.1458400E-01
0.3836616E+01	0.1159200E-01
0.3888260E+01	0.1230300E-01
0.3939195E+01	0.7913000E-02
0.3989512E+01	0.7386800E-02
0.4039169E+01	0.5494900E-02
0.4088256E+01	0.4888200E-02
0.4136729E+01	0.2312400E-02
0.4200322E+01	0.3074900E-02

0.4247516E+01 0.1192800E-02
0.4294344E+01 0.2025600E-02
0.4340516E+01 0.1143300E-02
0.4401404E+01 0.8619301E-03
0.4446464E+01 0.1533500E-02
0.4491101E+01 0.2089800E-02
0.4549831E+01 0.7480000E-03
0.4593463E+01 -0.7704701E-03
0.4651013E+01 -0.1277800E-02
0.4693706E+01 0.8278301E-03
0.4750152E+01 -0.2048600E-02
0.4791934E+01 -0.3372300E-02
0.4847263E+01 -0.5811900E-02
0.4888215E+01 -0.4932300E-02
0.4942334E+01 -0.4978500E-02
0.4996103E+01 -0.5222000E-02
0.5035845E+01 -0.5955100E-02
0.5088394E+01 -0.3534900E-02
0.5140533E+01 -0.4576300E-02
0.5179193E+01 -0.5841800E-02
0.5230377E+01 -0.4473400E-02
0.5281313E+01 -0.5576000E-02
0.5331271E+01 -0.5183700E-02
0.5381009E+01 -0.2732000E-02
0.5430532E+01 -0.4317100E-02
0.5479370E+01 -0.4833600E-02
0.5527775E+01 -0.2158000E-02
0.5575760E+01 -0.7953101E-03
0.5623336E+01 -0.6976601E-03
0.5670513E+01 -0.8324800E-03
0.5717300E+01 -0.2532100E-02
0.5763936E+01 -0.1247700E-03
0.5809970E+01 0.6725501E-03
0.5855868E+01 0.7154400E-03
0.5912517E+01 0.3547600E-02
0.5957404E+01 0.4169700E-02
0.6001956E+01 0.2613800E-02
0.6046395E+01 0.5208500E-02
0.6101490E+01 0.2926500E-02
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0.6199005E+01 0.3247300E-02
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0.6284785E+01 0.4600100E-02
0.6337601E+01 0.2115900E-02
0.6390185E+01 0.2789400E-02
0.6431740E+01 0.4011900E-03
0.6483561E+01 0.1519400E-02
0.6524722E+01 -0.1777000E-02
0.6575611E+01 -0.6480000E-03
0.6626307E+01 -0.2308500E-02
0.6666587E+01 -0.1775000E-02
0.6716596E+01 -0.2126400E-02
0.6766236E+01 -0.3533400E-02
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0.6854491E+01 -0.1658600E-02
0.6903140E+01 -0.1452100E-02
0.6951448E+01 -0.1344600E-02
0.6999423E+01 -0.6921000E-03
0.7047071E+01 -0.6864700E-03
0.7094399E+01 0.7916600E-03

0.7141413E+01 0.3916900E-03
0.7188120E+01 -0.2384800E-03
0.7234706E+01 -0.6884600E-03
0.7280816E+01 -0.2236300E-03
0.7326633E+01 -0.9359401E-03
0.7372345E+01 -0.1184500E-02
0.7417598E+01 0.2878600E-03
0.7471715E+01 -0.1090900E-02
0.7516370E+01 -0.1325100E-02
0.7560935E+01 -0.3590500E-03
0.7605066E+01 -0.7592600E-04
0.7657858E+01 0.1105800E-02
0.7701604E+01 0.2590000E-02
0.7744934E+01 0.2178700E-02
0.7796779E+01 0.1857700E-02
0.7839749E+01 0.5777400E-03
0.7890972E+01 0.3527800E-03
0.7933268E+01 0.3000100E-04
0.7983891E+01 0.9428800E-03
0.8026023E+01 0.3549200E-03
0.8076064E+01 -0.1285900E-03
0.8117557E+01 -0.9942900E-03
0.8167038E+01 -0.9423901E-03
0.8216220E+01 -0.1366900E-03
0.8257008E+01 -0.4735100E-03
0.8305816E+01 -0.1721600E-03
0.8354182E+01 -0.8556001E-03
0.8402426E+01 0.2879400E-03
0.8442469E+01 0.1346100E-02
0.8490056E+01 0.5925100E-03
0.8537378E+01 -0.5559100E-04
0.8584745E+01 0.1278900E-02
0.8631547E+01 0.1514400E-02
0.8678249E+01 0.6197101E-03
0.8724701E+01 0.9588301E-03
0.8770906E+01 -0.1944900E-03
0.8816870E+01 0.1502400E-03
0.8862595E+01 0.1965100E-03
0.8908086E+01 -0.4273800E-03
0.8953491E+01 -0.7890600E-03
0.8998523E+01 -0.1740500E-02
0.9050872E+01 -0.2064800E-02
0.9095421E+01 -0.1256600E-02
0.9139751E+01 -0.2760900E-03
0.9184012E+01 -0.9544200E-03
0.9235311E+01 -0.5063401E-03
0.9279116E+01 -0.7036500E-03
0.9322575E+01 -0.7974500E-04
0.9373114E+01 0.5212900E-04
0.9416278E+01 -0.8871099E-05
0.9466456E+01 -0.1122400E-02
0.9509196E+01 0.2883900E-04
0.9558749E+01 0.2829100E-03
0.9601078E+01 -0.2779300E-03
0.9650296E+01 0.8459100E-03
0.9692225E+01 0.7160100E-03
0.9740982E+01 0.8525701E-03
0.9782522E+01 0.9049600E-03
0.9830832E+01 0.1421100E-02
0.9878904E+01 0.1183500E-02

0.9926744E+01 0.9996401E-03
0.9967643E+01 0.8423901E-03
0.1001506E+02 0.3867200E-03
0.1006225E+02 0.4065500E-03
0.1010935E+02 -0.4523600E-03
0.1015611E+02 0.4718600E-03
0.1020278E+02 0.1121900E-03
0.1024257E+02 -0.2969000E-03
0.1028872E+02 0.1721000E-03
0.1033479E+02 0.9935600E-04
0.1038066E+02 -0.1202200E-03
0.1042632E+02 -0.2642500E-03
0.1047179E+02 -0.1000900E-02
0.1052354E+02 -0.4532600E-03
0.1056859E+02 -0.1199100E-03
0.1061344E+02 -0.4984200E-03
0.1065823E+02 -0.9904400E-04
0.1070271E+02 -0.4610400E-03
0.1074701E+02 -0.6449200E-03
0.1079757E+02 -0.2936800E-04
0.1084147E+02 -0.2073300E-04
0.1088532E+02 -0.1258000E-03
0.1093524E+02 -0.1161300E-02
0.1097872E+02 -0.6180100E-03
0.1102821E+02 -0.5109700E-03
0.1107133E+02 -0.3731400E-03
0.1111439E+02 0.1270100E-03
0.1116317E+02 0.7026501E-03
0.1120588E+02 0.1795500E-03
0.1125437E+02 0.5449000E-03
0.1130266E+02 0.6295500E-04
0.1134484E+02 -0.5354600E-03
0.1139275E+02 0.3076700E-03
0.1143460E+02 0.1679700E-03
0.1148224E+02 0.2890900E-03
0.1152969E+02 -0.1181600E-03
0.1157695E+02 0.2046500E-03
0.1161813E+02 -0.8201700E-04
0.1166514E+02 0.5659700E-03
0.1171185E+02 0.6480101E-03
0.1175837E+02 0.3294500E-03
0.1180482E+02 -0.2620200E-03
0.1185108E+02 0.6171200E-04
0.1189706E+02 0.4690000E-03
0.1193725E+02 -0.3414700E-03
0.1198301E+02 -0.1758100E-03
0.1202859E+02 0.3072100E-03
0.1207965E+02 0.7933200E-04
0.1212498E+02 0.2314800E-04
0.1217003E+02 -0.6098300E-03
0.1221491E+02 -0.2083300E-03

Column 2: EXAFS (experiment)

Wave number	Human EXAFS
0.1889726E-04	-0.5089400E+00
0.1150040E+01	-0.2717300E+00
0.1625741E+01	-0.9840000E-01
0.1991381E+01	-0.1450300E-01
0.2300286E+01	-0.1464600E-02
0.2571747E+01	0.7289501E-03
0.2817170E+01	-0.5539699E-02
0.3043380E+01	-0.3976700E-02
0.3253902E+01	0.6987700E-02
0.3334337E+01	0.1207100E-01
0.3393633E+01	0.1419000E-01
0.3470831E+01	0.1729700E-01
0.3546533E+01	0.1988400E-01
0.3620363E+01	0.1942800E-01
0.3692824E+01	0.1886100E-01
0.3764029E+01	0.1530700E-01
0.3851160E+01	0.1069400E-01
0.3919758E+01	0.1081700E-01
0.4003336E+01	0.8718400E-02
0.4068886E+01	0.7609500E-02
0.4149715E+01	0.4006000E-02
0.4228658E+01	0.4416000E-02
0.4306489E+01	0.2432600E-02
0.4383178E+01	0.1982700E-02
0.4458313E+01	0.8390101E-03
0.4532115E+01	0.3003100E-03
0.4604820E+01	0.4296200E-02
0.4690629E+01	-0.6813500E-03
0.4760915E+01	-0.2434500E-02
0.4843959E+01	-0.2295900E-02
0.4912078E+01	-0.2373700E-02
0.4992608E+01	-0.4578300E-02
0.5071861E+01	-0.8277900E-02
0.5149971E+01	-0.4633200E-02
0.5226862E+01	-0.3478900E-02
0.5302639E+01	-0.7201200E-02
0.5377349E+01	-0.6041800E-02
0.5451276E+01	-0.3582900E-02
0.5536078E+01	-0.2833200E-02
0.5607678E+01	-0.2518900E-02
0.5690151E+01	-0.2061600E-02
0.5771444E+01	-0.3968400E-03
0.5840384E+01	-0.7892001E-03
0.5919837E+01	0.3711200E-03
0.5998018E+01	0.1974600E-02
0.6075193E+01	0.3099400E-02
0.6151614E+01	0.4870700E-02
0.6237835E+01	0.2814300E-02
0.6312288E+01	0.1923800E-02
0.6385871E+01	0.1371300E-02
0.6468768E+01	0.7047200E-03
0.6550817E+01	-0.9617901E-03
0.6621750E+01	-0.2393900E-02
0.6701927E+01	-0.1155400E-02
0.6781347E+01	-0.4209800E-02
0.6859659E+01	-0.2287600E-02
0.6937274E+01	-0.2995400E-02
0.7013844E+01	-0.1891200E-02

0.7099206E+01 -0.1951200E-02
0.7174048E+01 -0.1209900E-02
0.7257526E+01 -0.1136500E-02
0.7330752E+01 -0.6022300E-03
0.7412642E+01 0.3642300E-03
0.7493638E+01 0.2310100E-02
0.7564579E+01 0.1452600E-02
0.7643964E+01 0.3003100E-02
0.7722535E+01 0.2120100E-02
0.7800145E+01 0.1093800E-02
0.7885648E+01 0.8886300E-03
0.7961834E+01 0.1371500E-02
0.8037297E+01 0.9384801E-03
0.8120465E+01 0.1526300E-02
0.8202632E+01 0.1241000E-02
0.8275900E+01 0.9146400E-04
0.8356694E+01 0.1984100E-02
0.8436715E+01 -0.7861400E-03
0.8515985E+01 0.1676200E-02
0.8594522E+01 0.2194400E-02
0.8672501E+01 -0.9393700E-03
0.8749784E+01 -0.1336500E-03
0.8833970E+01 -0.7203501E-03
0.8909706E+01 -0.7316500E-03
0.8985095E+01 -0.8258300E-03
0.9067241E+01 -0.7770200E-03
0.9148507E+01 -0.8063100E-03
0.9229198E+01 -0.1518600E-02
0.9301999E+01 -0.6052900E-03
0.9381371E+01 -0.1550100E-02
0.9460216E+01 -0.1731600E-02
0.9545423E+01 -0.6912301E-03
0.9622923E+01 -0.3005600E-04
0.9699804E+01 0.1283900E-02
0.9783059E+01 -0.1471000E-03
0.9858691E+01 0.9140801E-03
0.9940616E+01 0.3156600E-03
0.1001519E+02 0.3880500E-03
0.1009597E+02 0.4250100E-03
0.1017612E+02 0.8866500E-04
0.1025563E+02 -0.2373800E-03
0.1033454E+02 -0.7931000E-03
0.1041297E+02 -0.1643100E-03
0.1049082E+02 -0.5460700E-03
0.1057455E+02 -0.4323000E-03
0.1065121E+02 0.2925200E-03
0.1073369E+02 0.9360200E-04
0.1080935E+02 0.5617000E-03
0.1089075E+02 -0.1284500E-02
0.1097155E+02 -0.7294900E-03
0.1104558E+02 0.2001500E-03
0.1112525E+02 0.6889200E-04
0.1120459E+02 0.9457701E-03
0.1128918E+02 0.7725700E-03
0.1136738E+02 0.2295700E-03
0.1144492E+02 0.5701300E-03
0.1152206E+02 -0.1728700E-03
0.1160468E+02 0.4026800E-03
0.1168077E+02 0.6276600E-03
0.1176227E+02 -0.8659700E-04

0.1184322E+02	0.1022900E-02
0.1192362E+02	0.2511100E-03
0.1200358E+02	0.3499200E-03
0.1208313E+02	0.4680100E-03
0.1216205E+02	-0.6274200E-04
0.1224046E+02	-0.3678500E-03
0.1231847E+02	0.2502000E-03
0.1239610E+02	-0.4409400E-03
0.1247872E+02	-0.6038800E-03
0.1255536E+02	-0.7694201E-03
0.1263694E+02	-0.9622501E-03
0.1271810E+02	-0.1170900E-02
0.1279340E+02	-0.1380600E-02
0.1287368E+02	0.5499400E-03
0.1295345E+02	0.8608100E-03
0.1303274E+02	0.9942601E-03
0.1311165E+02	-0.2494100E-03
0.1319525E+02	-0.3684500E-03
0.1327329E+02	-0.2624900E-03
0.1335078E+02	-0.6043300E-04
0.1343309E+02	0.4859300E-03
0.1350986E+02	0.1218900E-02
0.1359121E+02	-0.5970700E-03
0.1367217E+02	-0.1193300E-03
0.1374770E+02	0.1023300E-02
0.1382784E+02	-0.3020100E-04
0.1390752E+02	0.3045900E-03
0.1398684E+02	-0.1032000E-02

Column 2: EXAFS (experiment)

Wave number	Sheep EXAFS
0.8131932E+00	-0.3097600E+00
0.9621833E+00	-0.2658600E+00
0.1151375E+01	-0.2182600E+00
0.1260210E+01	-0.1732600E+00
0.1312025E+01	-0.1541000E+00
0.1410317E+01	-0.1126900E+00
0.1500828E+01	-0.8756300E-01
0.1586182E+01	-0.6304600E-01
0.1667188E+01	-0.4857500E-01
0.1744730E+01	-0.2983000E-01
0.1819762E+01	-0.1816800E-01
0.1890780E+01	-0.1131700E-01
0.1959494E+01	-0.2591600E-02
0.2026590E+01	0.2239900E-02
0.2090343E+01	0.6026800E-02
0.2152940E+01	0.3276700E-02
0.2213530E+01	0.1100200E-01
0.2272737E+01	0.7149099E-02
0.2330833E+01	0.9562401E-03
0.2386472E+01	0.7175400E-02
0.2441489E+01	0.5486500E-02
0.2495082E+01	0.7634000E-02
0.2547702E+01	0.1753200E-02
0.2599308E+01	-0.1949400E-02
0.2649513E+01	-0.2151400E-02
0.2699172E+01	-0.2809100E-02
0.2747935E+01	-0.5559400E-02
0.2796176E+01	-0.3448600E-02
0.2842722E+01	-0.7109600E-02
0.2889426E+01	-0.3935400E-02
0.2934985E+01	-0.3310000E-02
0.2979363E+01	-0.1215800E-02
0.3023957E+01	0.2335600E-02
0.3067390E+01	0.3224400E-02
0.3110344E+01	0.3446700E-02
0.3153086E+01	0.7855300E-02
0.3194436E+01	0.6540000E-02
0.3236027E+01	0.8722699E-02
0.3276810E+01	0.1441200E-01
0.3316617E+01	0.1463100E-01
0.3376226E+01	0.2142300E-01
0.3434762E+01	0.2095100E-01
0.3492354E+01	0.2260500E-01
0.3548975E+01	0.2293800E-01
0.3604451E+01	0.2584400E-01
0.3640966E+01	0.2116500E-01
0.3695311E+01	0.2442700E-01
0.3749043E+01	0.1925300E-01
0.3801842E+01	0.1387600E-01
0.3853681E+01	0.1275100E-01
0.3905100E+01	0.1547900E-01
0.3955817E+01	0.1345500E-01
0.4005926E+01	0.1105500E-01
0.4055382E+01	0.9087500E-02
0.4104275E+01	0.1189700E-01
0.4152560E+01	0.6772200E-02
0.4215915E+01	0.7849100E-02
0.4262936E+01	0.5686300E-02

0.4309597E+01 0.2283700E-02
0.4355607E+01 0.6003400E-02
0.4416287E+01 0.1792000E-02
0.4461196E+01 0.3740800E-02
0.4505688E+01 0.4705000E-02
0.4564229E+01 0.2126800E-02
0.4607726E+01 0.1896800E-02
0.4665100E+01 -0.1326100E-02
0.4707665E+01 -0.1067900E-02
0.4763946E+01 0.1101800E-02
0.4805607E+01 -0.3334400E-02
0.4860781E+01 -0.3364600E-02
0.4901620E+01 -0.2488100E-02
0.4955593E+01 -0.6993400E-02
0.5009220E+01 -0.3348000E-02
0.5048858E+01 -0.7693600E-02
0.5101273E+01 -0.5788800E-02
0.5153282E+01 -0.5891000E-02
0.5191846E+01 -0.5713300E-02
0.5242907E+01 -0.6313900E-02
0.5293723E+01 -0.3975300E-02
0.5343565E+01 -0.4729200E-02
0.5393189E+01 -0.5083500E-02
0.5442602E+01 -0.4572500E-02
0.5491332E+01 -0.7170900E-02
0.5539633E+01 -0.1974900E-02
0.5587516E+01 -0.5091500E-02
0.5634993E+01 -0.1453900E-02
0.5682073E+01 -0.6922800E-02
0.5728765E+01 -0.5191900E-02
0.5775308E+01 -0.1013400E-03
0.5821254E+01 0.8728300E-04
0.5867063E+01 0.1267100E-02
0.5923604E+01 0.1510700E-02
0.5968408E+01 0.1629500E-02
0.6012878E+01 0.2621800E-02
0.6057238E+01 0.4193600E-02
0.6112236E+01 0.4532600E-02
0.6155666E+01 0.4234500E-02
0.6209580E+01 0.3498600E-03
0.6252545E+01 0.4402900E-02
0.6295216E+01 -0.4822600E-03
0.6347946E+01 0.8180501E-03
0.6400445E+01 0.6033400E-03
0.6441933E+01 -0.4055600E-03
0.6493673E+01 0.3108300E-03
0.6534770E+01 -0.3071300E-02
0.6585582E+01 -0.2452100E-02
0.6636202E+01 -0.2362800E-02
0.6676422E+01 -0.9065500E-03
0.6726359E+01 -0.6692600E-02
0.6775928E+01 -0.2654200E-02
0.6824943E+01 -0.3457200E-02
0.6864057E+01 -0.2048000E-02
0.6912638E+01 -0.2525800E-02
0.6960880E+01 0.1900500E-03
0.7008790E+01 -0.2517900E-02
0.7056376E+01 -0.1184400E-02
0.7103642E+01 0.1202900E-02
0.7150595E+01 -0.9959401E-03

0.7197243E+01 -0.5661901E-03
0.7243771E+01 0.1257900E-02
0.7289822E+01 -0.2813600E-03
0.7335584E+01 -0.2082500E-03
0.7381240E+01 -0.1536000E-02
0.7426439E+01 -0.2179000E-02
0.7480492E+01 0.1891600E-03
0.7525095E+01 0.1869300E-02
0.7569608E+01 0.1390200E-02
0.7613688E+01 0.1310600E-02
0.7666422E+01 0.3651400E-02
0.7710119E+01 0.1548200E-02
0.7753570E+01 0.1114900E-02
0.7805190E+01 0.2008700E-02
0.7848115E+01 0.7766800E-03
0.7899284E+01 0.1420400E-03
0.7941534E+01 0.1065200E-03
0.7992105E+01 0.2303200E-03
0.8034194E+01 0.2950300E-03
0.8084185E+01 0.3202100E-03
0.8125636E+01 -0.6002100E-04
0.8175067E+01 0.1355000E-02
0.8224202E+01 0.1993000E-02
0.8264951E+01 0.4458400E-03
0.8313712E+01 0.1476400E-02
0.8362032E+01 0.2037400E-02
0.8410230E+01 0.1698800E-02
0.8450237E+01 0.1120500E-02
0.8497781E+01 0.2275900E-02
0.8545060E+01 0.6708000E-03
0.8592384E+01 0.6932900E-03
0.8639146E+01 -0.2274300E-03
0.8685807E+01 0.4299300E-03
0.8732219E+01 -0.5740300E-03
0.8778384E+01 -0.6374900E-03
0.8824309E+01 -0.1126000E-02
0.8869996E+01 -0.1563700E-02
0.8915448E+01 -0.4271800E-04
0.8960816E+01 -0.1362200E-02
0.9005812E+01 -0.4426700E-03
0.9058119E+01 -0.6105300E-03
0.9102633E+01 -0.1956400E-02
0.9146928E+01 -0.1205500E-02
0.9191154E+01 -0.3190000E-03
0.9242414E+01 -0.1253900E-02
0.9286184E+01 -0.1103000E-02
0.9329610E+01 0.9001500E-03
0.9380112E+01 -0.2285600E-03
0.9423244E+01 -0.2219800E-02
0.9473385E+01 -0.1209700E-02
0.9516094E+01 -0.1376400E-02
0.9565612E+01 0.1345900E-02
0.9607909E+01 0.6330300E-03
0.9657093E+01 -0.7042300E-03
0.9698993E+01 0.1736700E-02
0.9747716E+01 0.5295801E-03
0.9789228E+01 0.3528400E-02
0.9837504E+01 0.8911300E-03
0.9885544E+01 0.1247300E-02
0.9933352E+01 0.8253801E-03

0.9974223E+01 0.2077000E-02
0.1002161E+02 0.5472901E-03
0.1006877E+02 0.2468200E-03
0.1011584E+02 -0.5575200E-03
0.1016257E+02 -0.4618200E-03
0.1020921E+02 0.4963100E-03
0.1024898E+02 -0.2196900E-03
0.1029510E+02 0.1182300E-03
0.1034114E+02 0.9926200E-04
0.1038698E+02 -0.1275300E-02
0.1043261E+02 -0.9486201E-03
0.1047805E+02 -0.1567000E-02
0.1052977E+02 0.4745600E-04
0.1057479E+02 0.3511800E-03
0.1061962E+02 0.5504400E-03
0.1066439E+02 -0.2397900E-03
0.1070884E+02 -0.4826700E-03
0.1075311E+02 -0.1581100E-02
0.1080364E+02 -0.9090801E-03
0.1084752E+02 -0.1984100E-02
0.1089135E+02 -0.2807500E-03
0.1094124E+02 -0.9546801E-03
0.1098469E+02 -0.1010700E-03
0.1103416E+02 -0.3941900E-03
0.1107725E+02 0.3189900E-03
0.1112029E+02 0.6762201E-03
0.1116904E+02 0.1381500E-03
0.1121173E+02 0.4862000E-03
0.1126020E+02 0.3704100E-03
0.1130846E+02 -0.8333601E-03
0.1135063E+02 -0.6687301E-03
0.1139851E+02 0.1318300E-02
0.1144034E+02 0.1036800E-02
0.1148796E+02 0.2134200E-03
0.1153538E+02 0.2525800E-03
0.1158261E+02 0.9736700E-04
0.1162378E+02 0.9204099E-04
0.1167076E+02 0.9171800E-03
0.1171745E+02 -0.7530201E-03
0.1176395E+02 -0.3913300E-03
0.1181038E+02 0.9808801E-03
0.1185662E+02 0.1094800E-02
0.1190258E+02 0.8508000E-03
0.1194275E+02 0.5667600E-03
0.1198849E+02 -0.7757401E-03
0.1203405E+02 -0.1020500E-03
0.1208508E+02 -0.1898900E-03
0.1213039E+02 -0.8227200E-03
0.1217542E+02 -0.6508600E-03