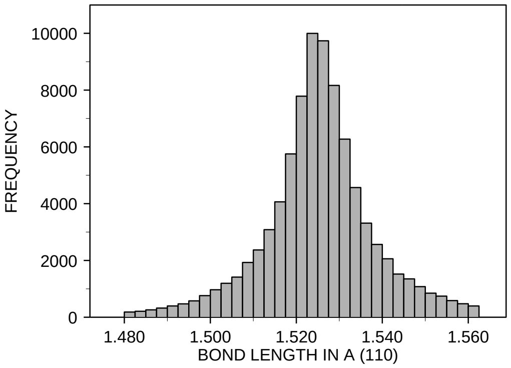
<2 : X−RAY RESOLUTION OF A (35)
ALA:CB:CA : BOND TYPE IN A (109)
88409.0 POINTS



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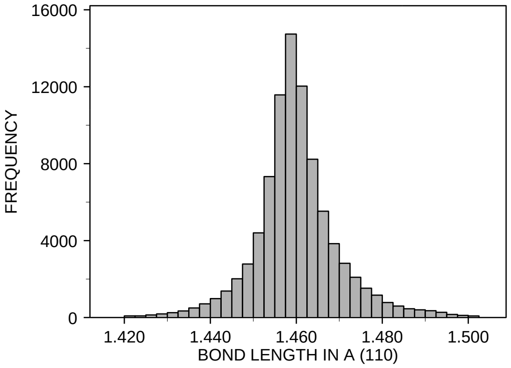
ALA:N:CA : BOND TYPE IN A (109)
88438.0 POINTS



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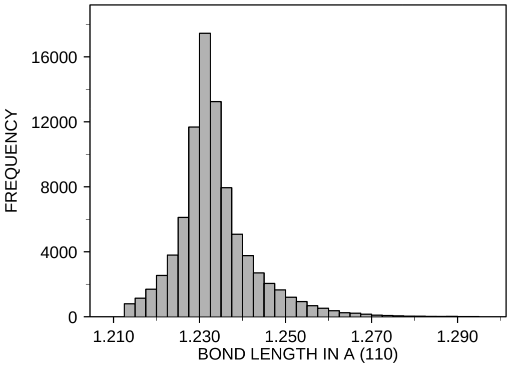
ALA:O:C : BOND TYPE IN A (109)
88429.0 POINTS



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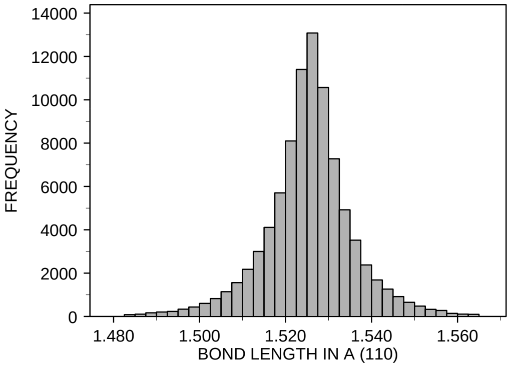
ALA:C:CA : BOND TYPE IN A (109)
88439.0 POINTS



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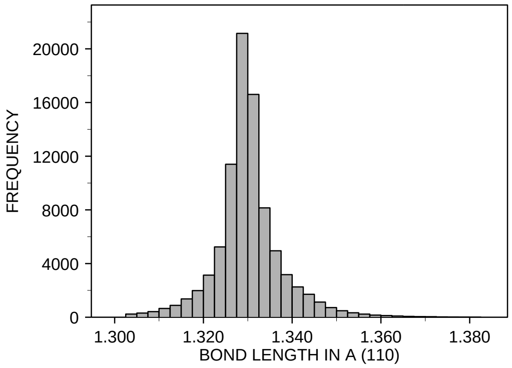
ALA:C:+N : BOND TYPE IN A (109)
87952.0 POINTS



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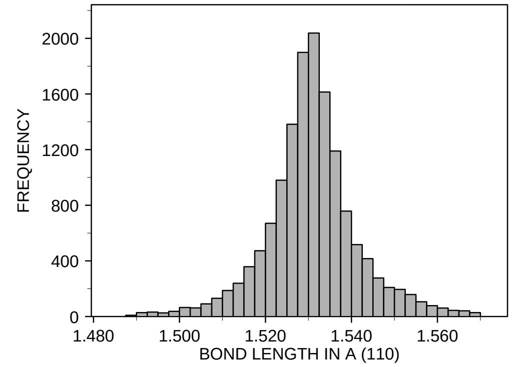
CYS:CB:CA : BOND TYPE IN A (109)
14583.0 POINTS



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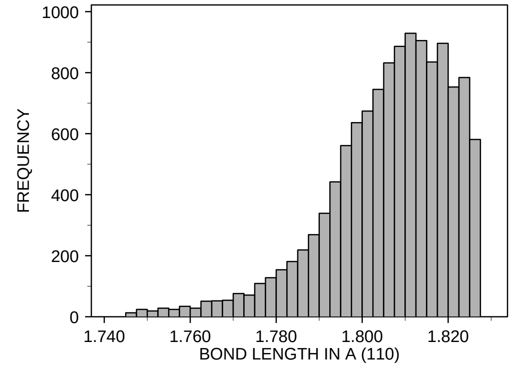
CYS:SG:CB : BOND TYPE IN A (109)
14568.0 POINTS



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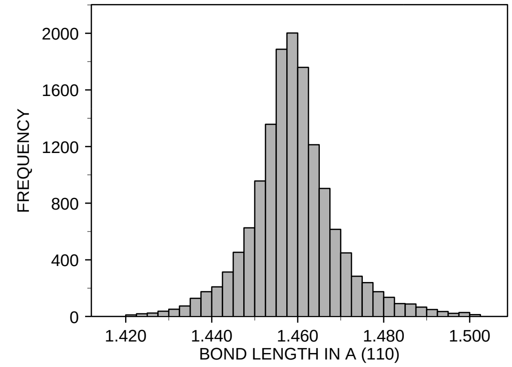
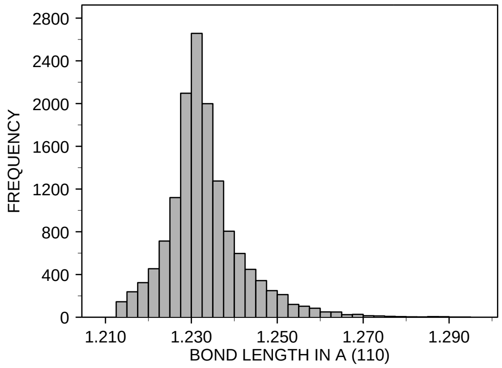
CYS:N:CA : BOND TYPE IN A (109)
14585.0 POINTS

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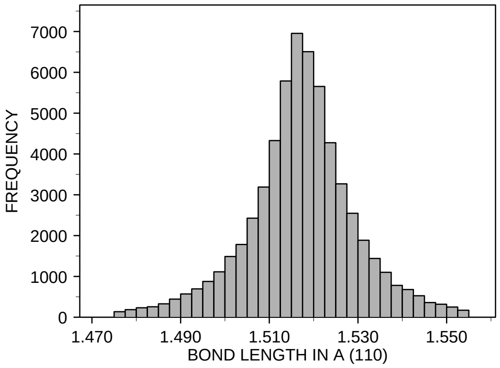
CYS:O:C : BOND TYPE IN A (109)
14584.0 POINTS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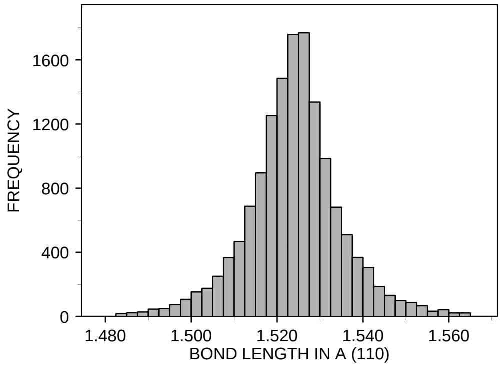
ASP:CG:CB : BOND TYPE IN A (109)
61930.0 POINTS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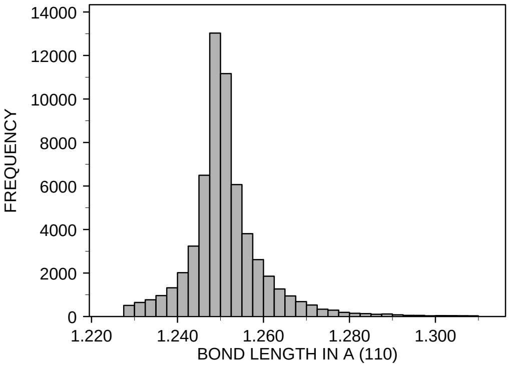
CYS:C:CA : BOND TYPE IN A (109)
14585.0 POINTS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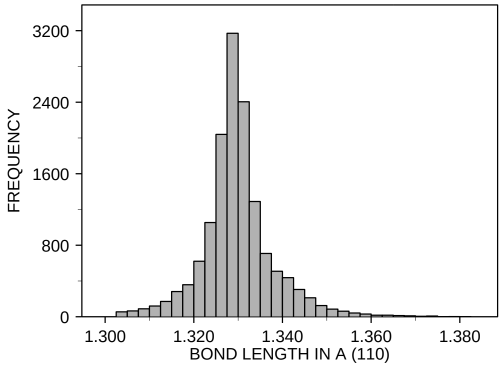
ASP:OD1:CG : BOND TYPE IN A (109)
61902.0 POINTS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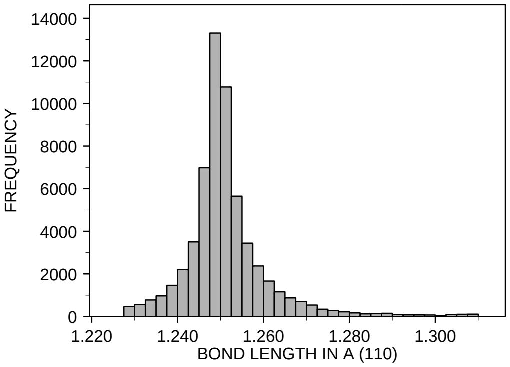
CYS:C:+N : BOND TYPE IN A (109)
14481.0 POINTS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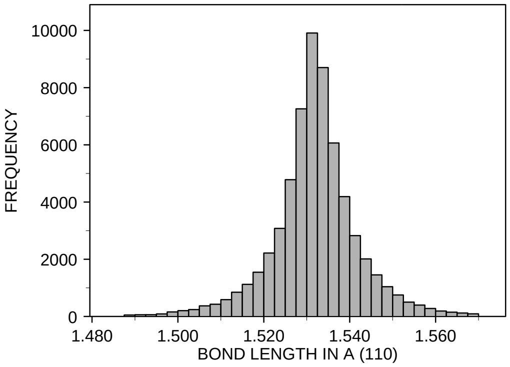
ASP:OD2:CG : BOND TYPE IN A (109)
61899.0 POINTS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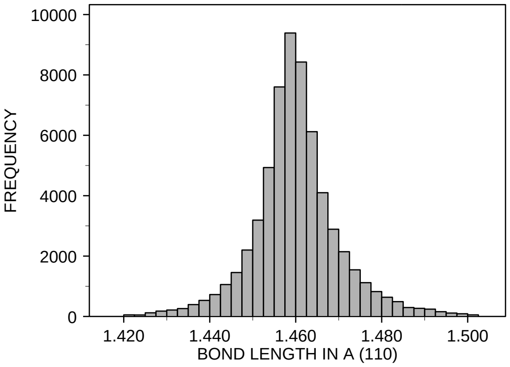
ASP:CB:CA : BOND TYPE IN A (109)
62241.0 POINTS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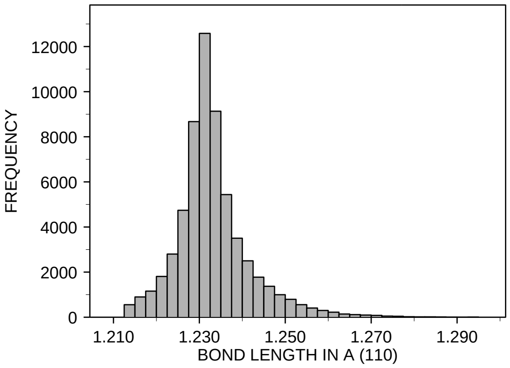
ASP:N:CA : BOND TYPE IN A (109)
62290.0 POINTS

<2 : X−RAY RESOLUTION OF A (35)
ASP:O:C : BOND TYPE IN A (109)
62291.0 POINTS



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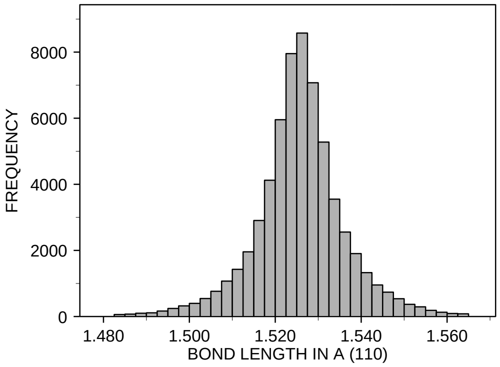
ASP:C:CA : BOND TYPE IN A (109)
62291.0 POINTS



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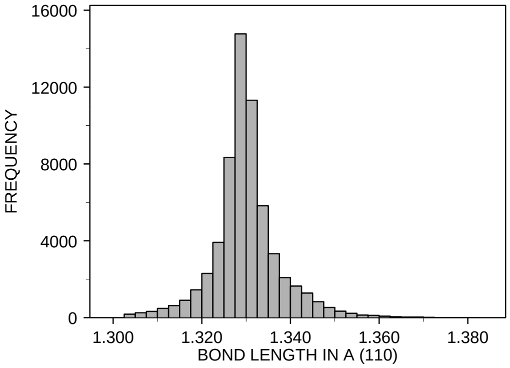
ASP:C:+N : BOND TYPE IN A (109)
62029.0 POINTS



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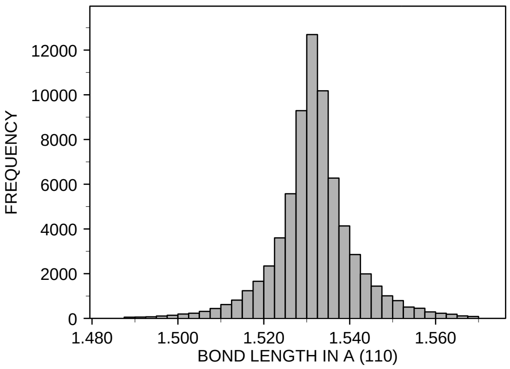
GLU:CB:CA : BOND TYPE IN A (109)
70536.0 POINTS



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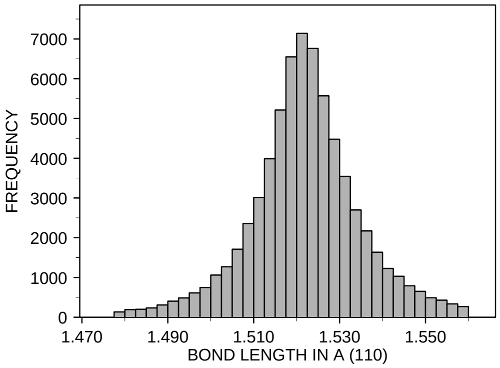
GLU:CG:CB : BOND TYPE IN A (109)
69545.0 POINTS



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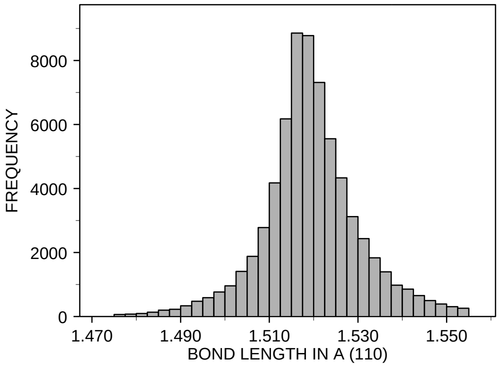
GLU:CD:CG : BOND TYPE IN A (109)
69249.0 POINTS



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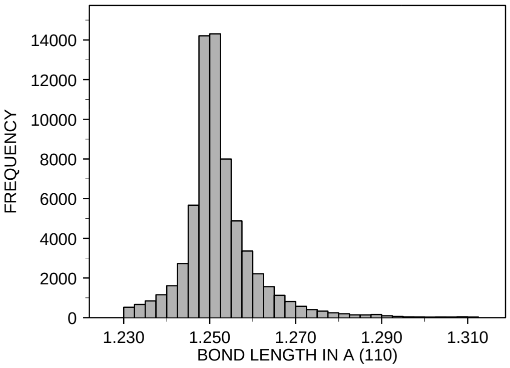
GLU:OE1:CD : BOND TYPE IN A (109)
69221.0 POINTS



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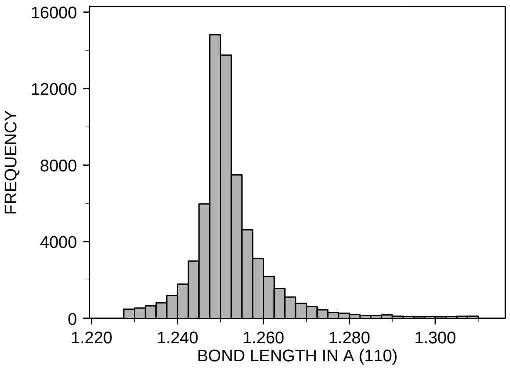
GLU:OE2:CD : BOND TYPE IN A (109)
69212.0 POINTS



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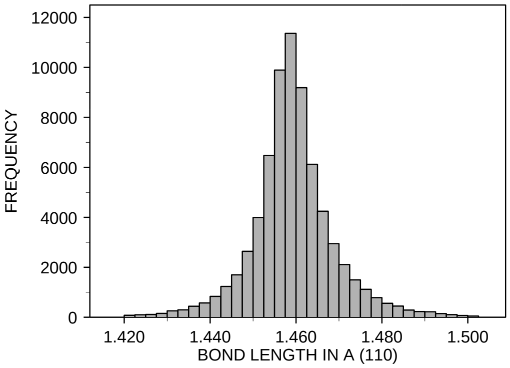
GLU:N:CA : BOND TYPE IN A (109)
70611.0 POINTS



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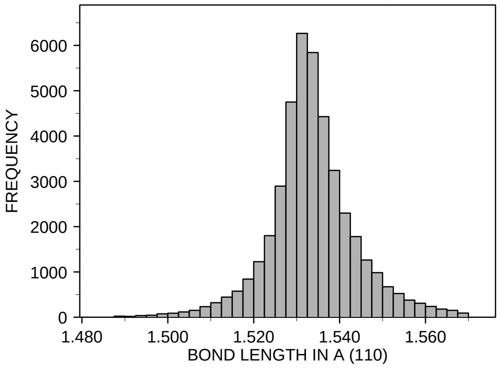
PHE:CB:CA : BOND TYPE IN A (109)
42676.0 POINTS



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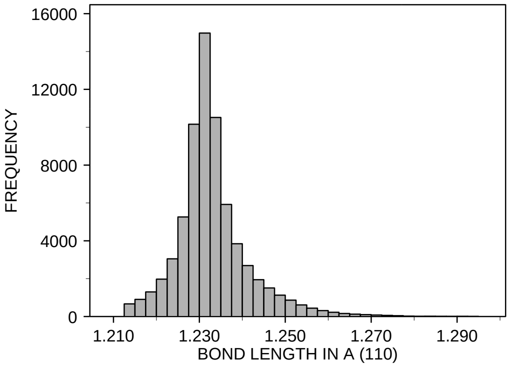
GLU:O:C : BOND TYPE IN A (109)
70606.0 POINTS



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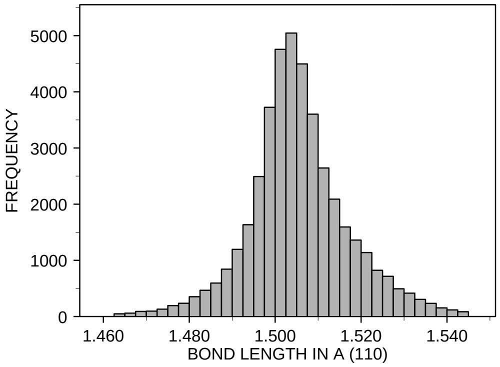
PHE:CG:CB : BOND TYPE IN A (109)
42631.0 POINTS



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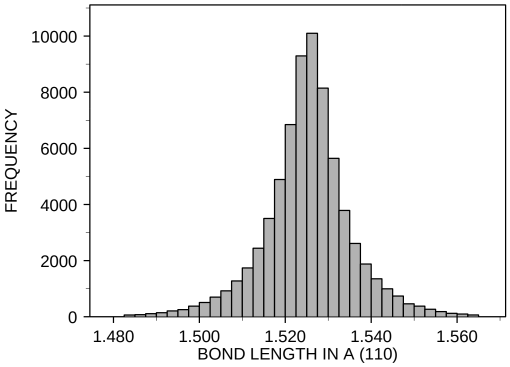
GLU:C:CA : BOND TYPE IN A (109)
70611.0 POINTS



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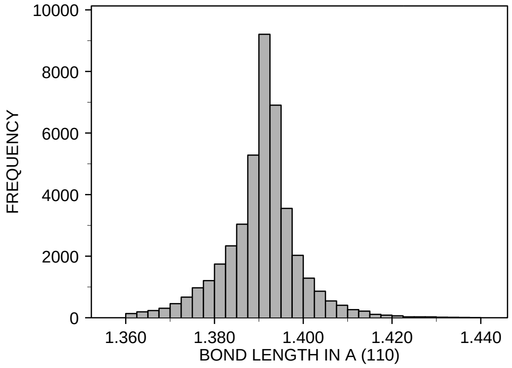
PHE:CD1:CG : BOND TYPE IN A (109)
42625.0 POINTS



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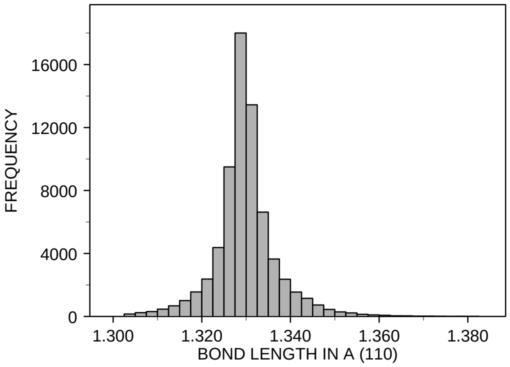
GLU:C:+N : BOND TYPE IN A (109)
70172.0 POINTS



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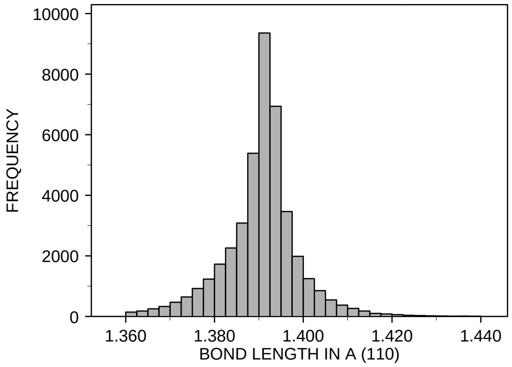
PHE:CD2:CG : BOND TYPE IN A (109)
42625.0 POINTS



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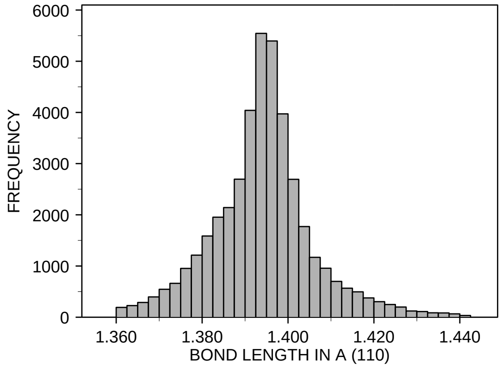
PHE:CE1:CD1 : BOND TYPE IN A (109)
42626.0 POINTS



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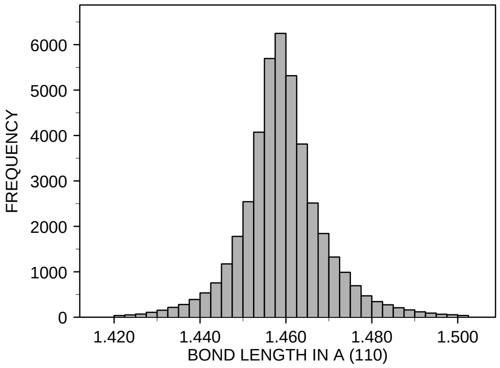
PHE:N:CA : BOND TYPE IN A (109)
42684.0 POINTS



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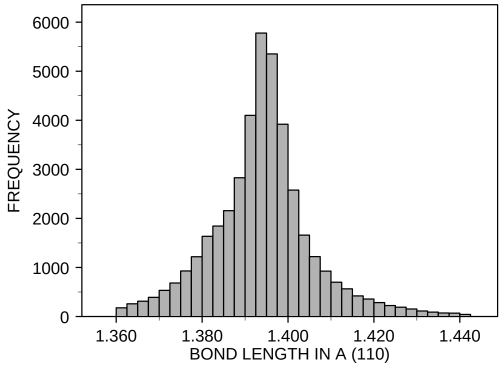
PHE:CE2:CD2 : BOND TYPE IN A (109)
42626.0 POINTS



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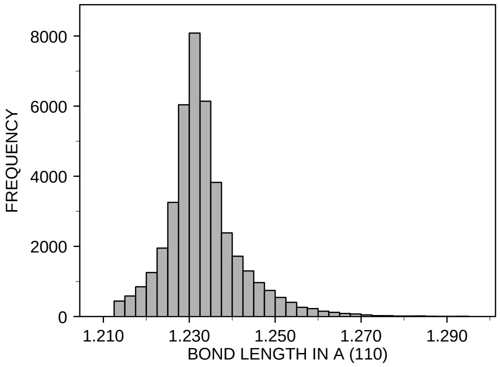
42680.0 POINTS



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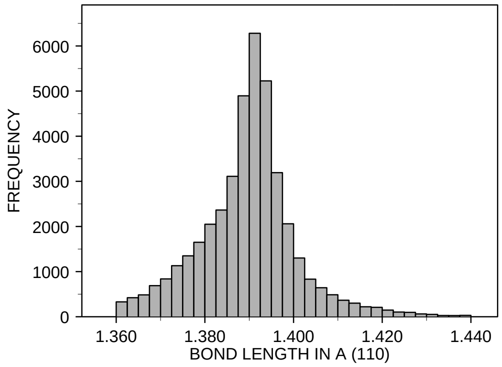
PHE:CZ:CE1 : BOND TYPE IN A (109)
42625.0 POINTS



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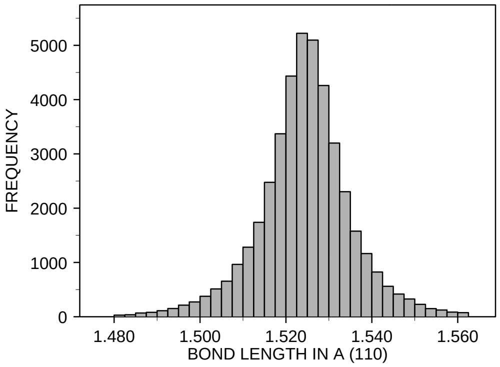
42683.0 POINTS



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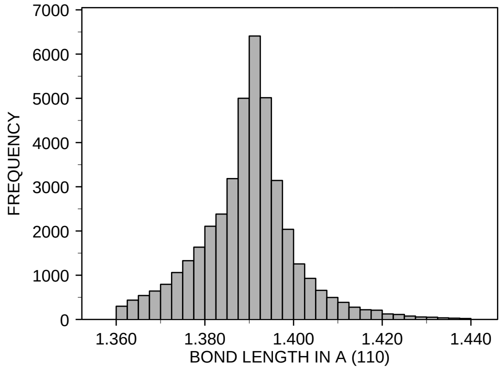
42625.0 POINTS



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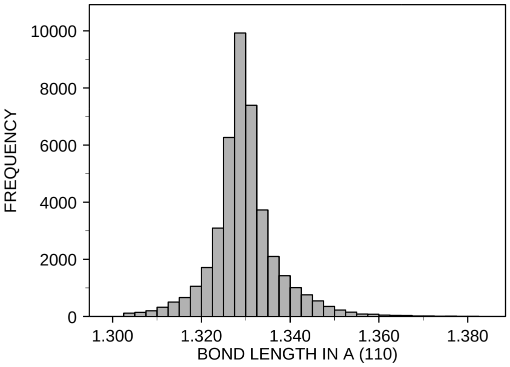
PHE:C:+N : BOND TYPE IN A (109)
42435.0 POINTS



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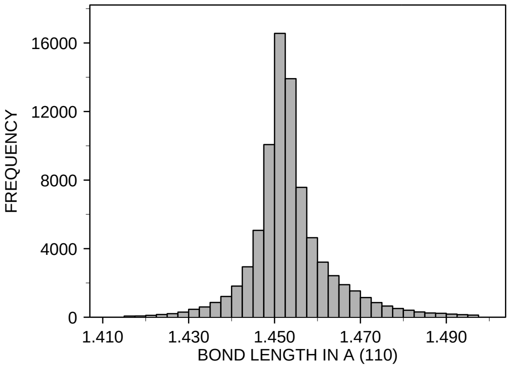
GLY:N:CA : BOND TYPE IN A (109)
81137.0 POINTS



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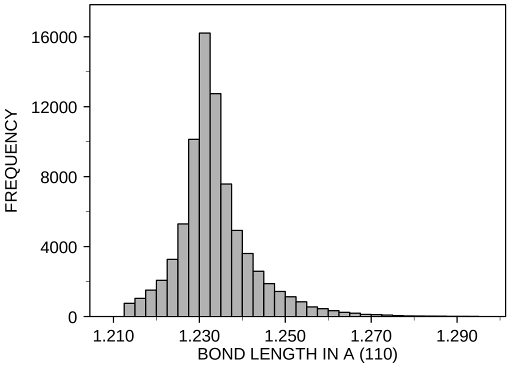
GLY:O:C : BOND TYPE IN A (109)
81135.0 POINTS



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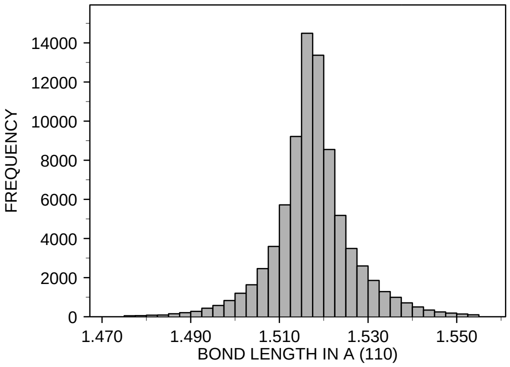
GLY:C:CA : BOND TYPE IN A (109)
81139.0 POINTS



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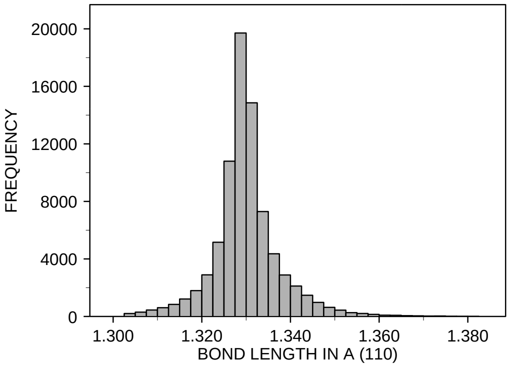
GLY:C:+N : BOND TYPE IN A (109)
80708.0 POINTS



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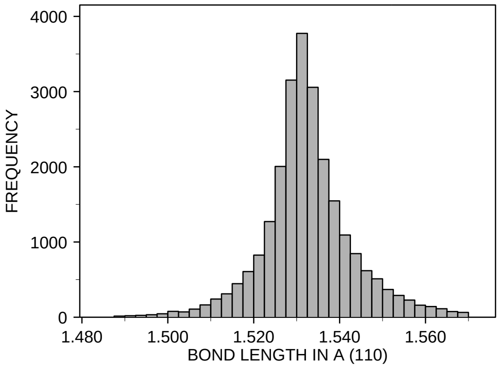
HIS:CB:CA : BOND TYPE IN A (109)
24744.0 POINTS



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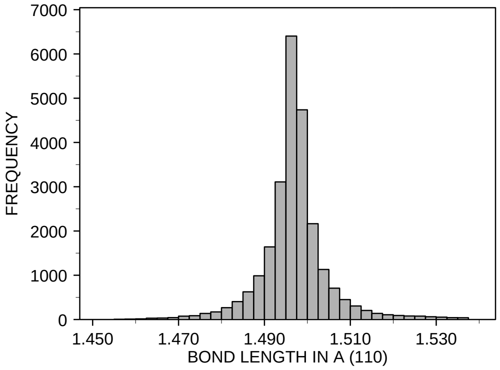
HIS:CG:CB : BOND TYPE IN A (109)
24638.0 POINTS



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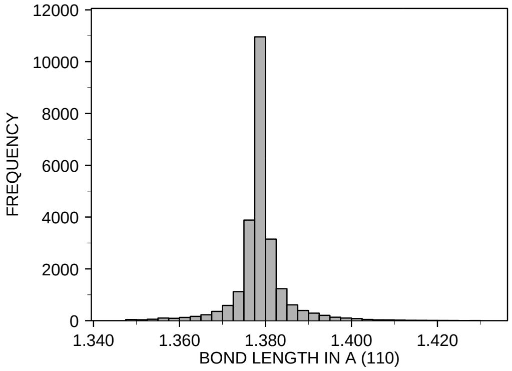
HIS:ND1:CG : BOND TYPE IN A (109)
24630.0 POINTS



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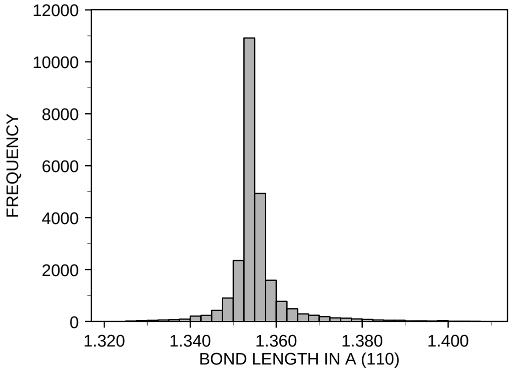
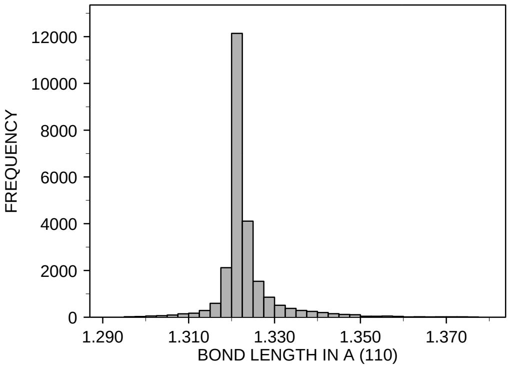
HIS:CD2:CG : BOND TYPE IN A (109)
24630.0 POINTS

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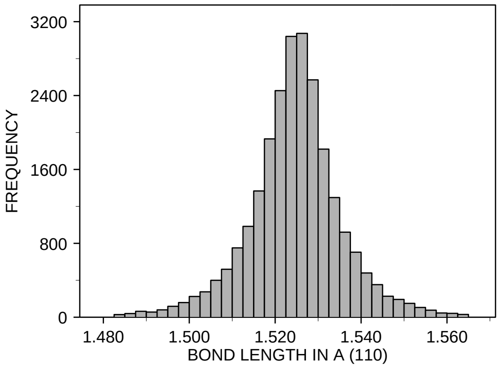
HIS:CE1:ND1 : BOND TYPE IN A (109)
24630.0 POINTS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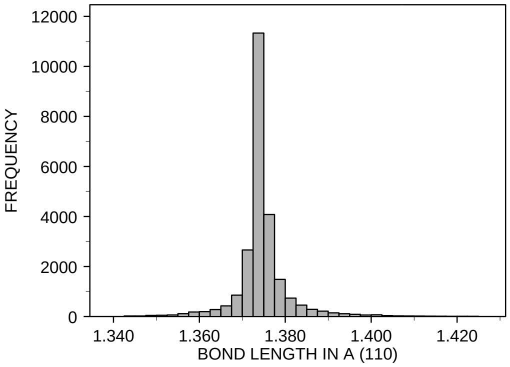
HIS:C:CA : BOND TYPE IN A (109)
24753.0 POINTS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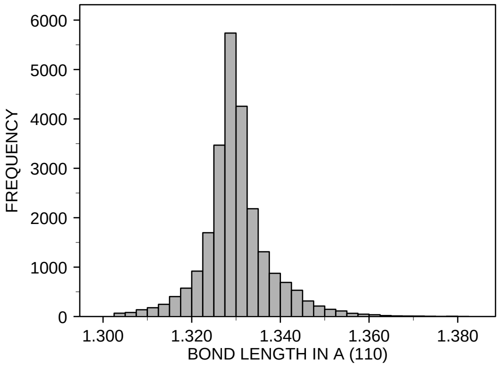
HIS:NE2:CD2 : BOND TYPE IN A (109)
24630.0 POINTS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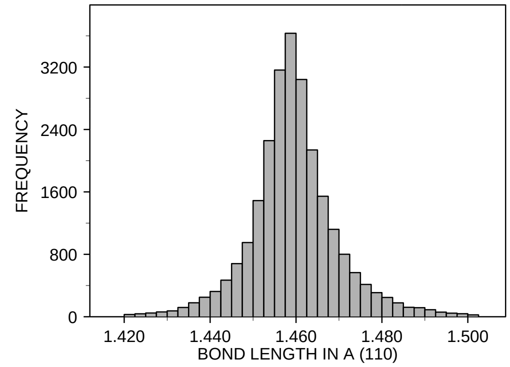
HIS:C:+N : BOND TYPE IN A (109)
24586.0 POINTS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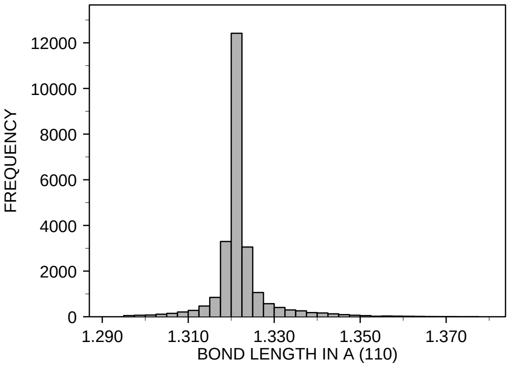
HIS:N:CA : BOND TYPE IN A (109)
24754.0 POINTS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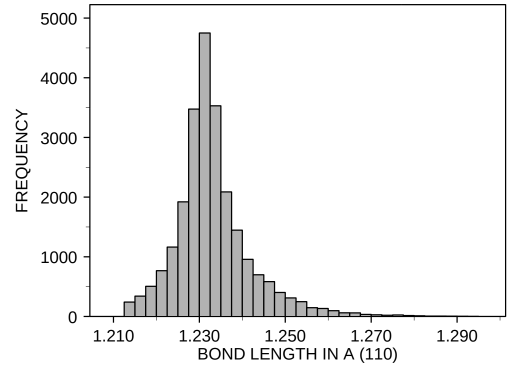
HIS:NE2:CE1 : BOND TYPE IN A (109)
24629.0 POINTS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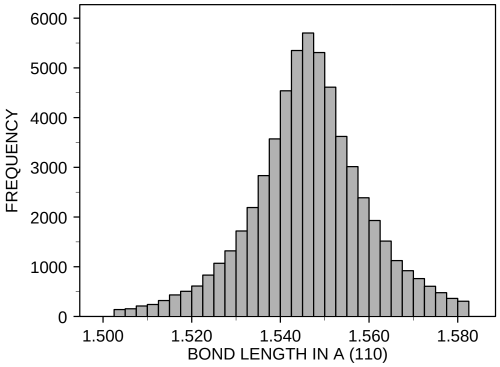
HIS:O:C : BOND TYPE IN A (109)
24752.0 POINTS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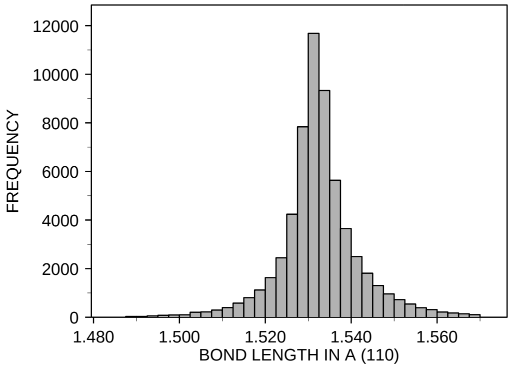
ILE:CB:CA : BOND TYPE IN A (109)
60248.0 POINTS

<2 : X−RAY RESOLUTION OF A (35)
ILE:CG1:CB : BOND TYPE IN A (109)
60173.0 POINTS



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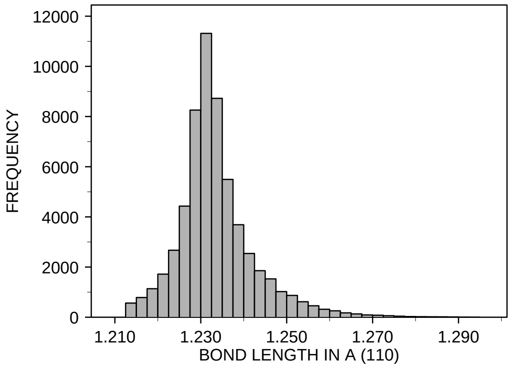
ILE:O:C : BOND TYPE IN A (109)
60253.0 POINTS



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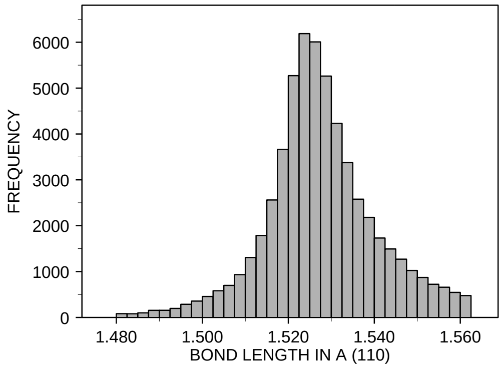
ILE:CG2:CB : BOND TYPE IN A (109)
60176.0 POINTS



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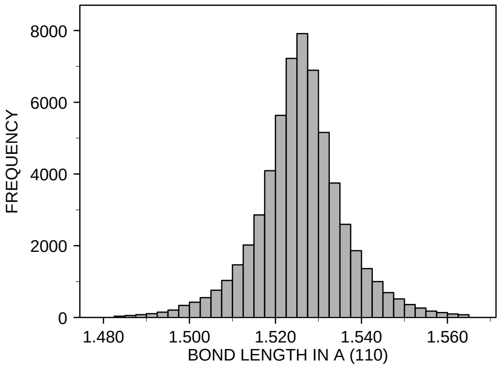
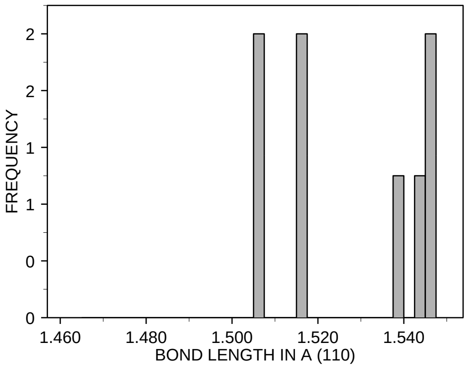
ILE:C:CA : BOND TYPE IN A (109)
60254.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
ILE:CD1:CG1 : BOND TYPE IN A (109)
14.0 POINTS



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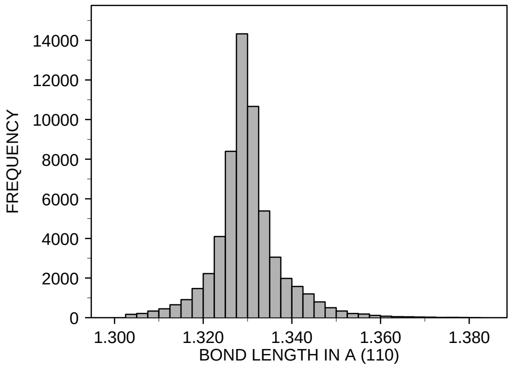
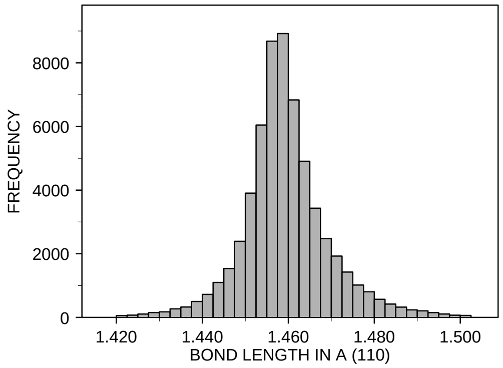
ILE:C:+N : BOND TYPE IN A (109)
60023.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
ILE:N:CA : BOND TYPE IN A (109)
60254.0 POINTS



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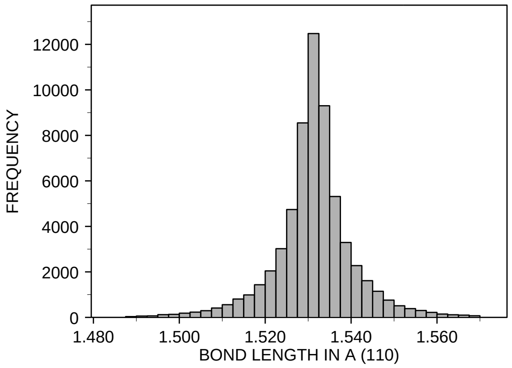
LYS:CB:CA : BOND TYPE IN A (109)
62074.0 POINTS



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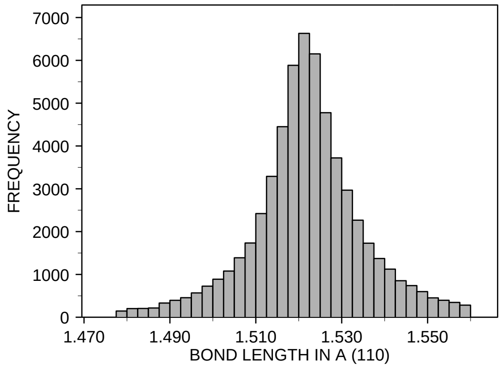
LYS:CG:CB : BOND TYPE IN A (109)
60911.0 POINTS



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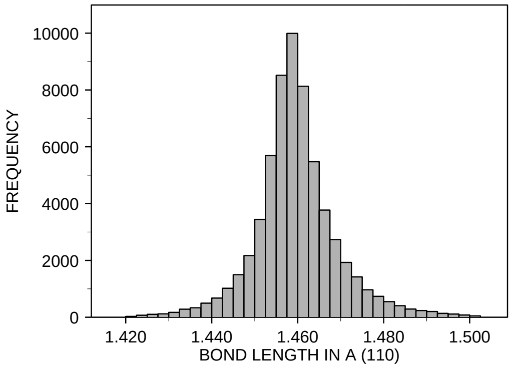
LYS:N:CA : BOND TYPE IN A (109)
62121.0 POINTS



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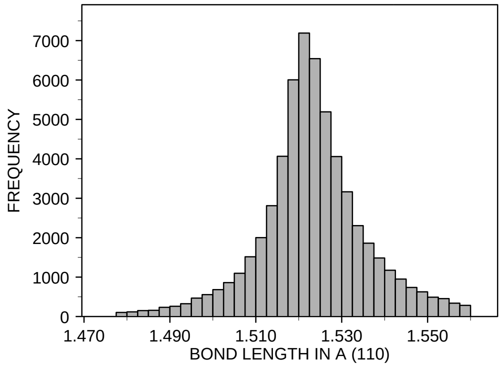
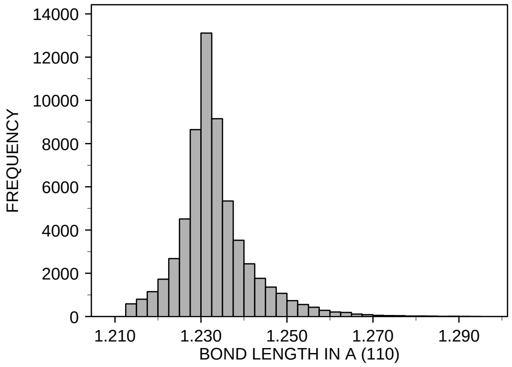
LYS:CD:CG : BOND TYPE IN A (109)
60470.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
LYS:O:C : BOND TYPE IN A (109)
62121.0 POINTS



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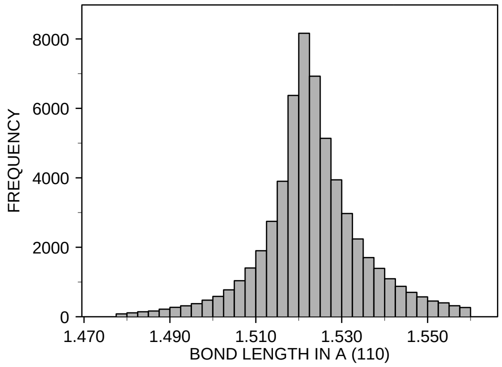
LYS:CE:CD : BOND TYPE IN A (109)
60083.0 POINTS



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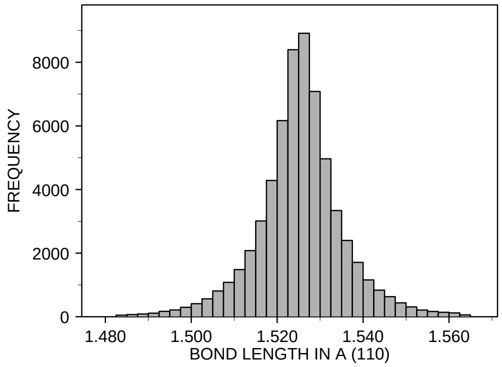
LYS:C:CA : BOND TYPE IN A (109)
62121.0 POINTS



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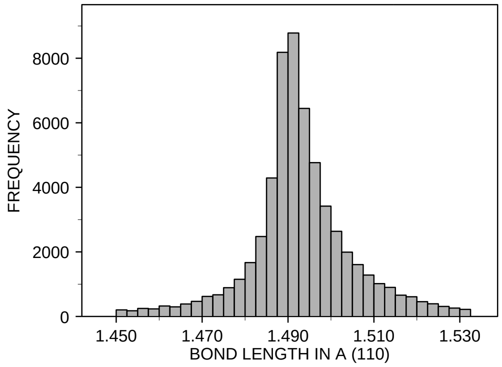
LYS:NZ:CE : BOND TYPE IN A (109)
59969.0 POINTS



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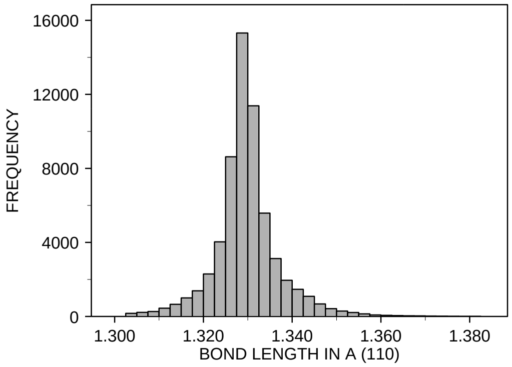
LYS:C:+N : BOND TYPE IN A (109)
61631.0 POINTS



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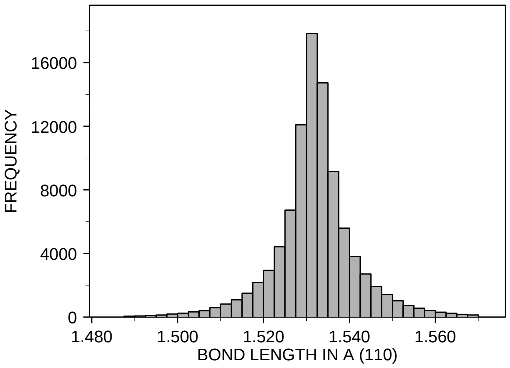
LEU:CB:CA : BOND TYPE IN A (109)
95160.0 POINTS



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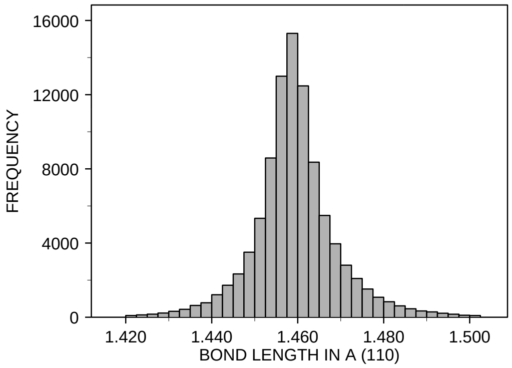
LEU:N:CA : BOND TYPE IN A (109)
95170.0 POINTS



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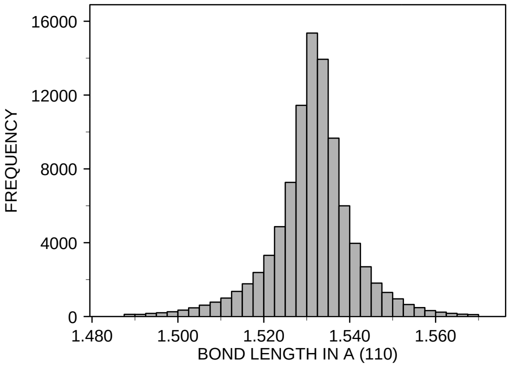
LEU:CG:CB : BOND TYPE IN A (109)
95020.0 POINTS



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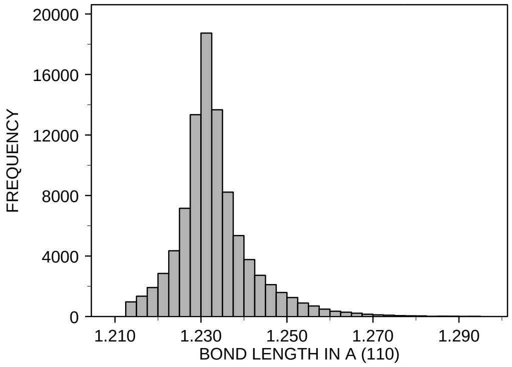
LEU:O:C : BOND TYPE IN A (109)
95161.0 POINTS



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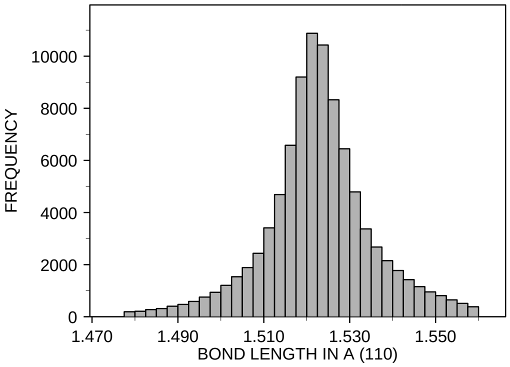
LEU:CD1:CG : BOND TYPE IN A (109)
95011.0 POINTS



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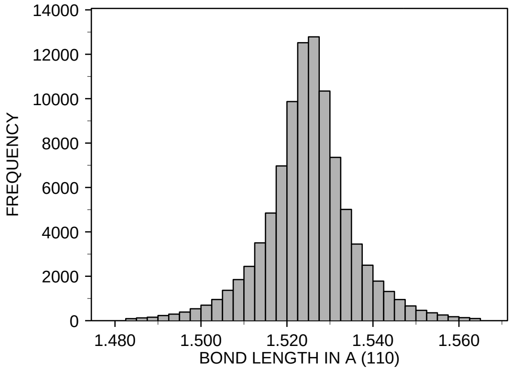
LEU:C:CA : BOND TYPE IN A (109)
95169.0 POINTS



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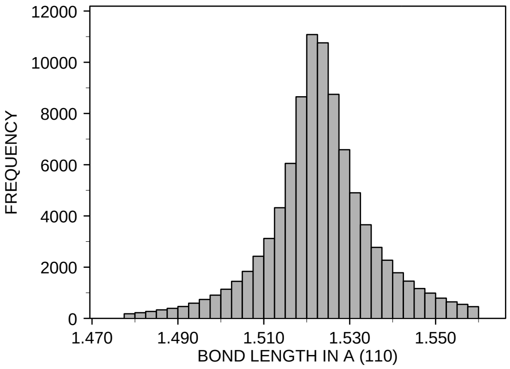
LEU:CD2:CG : BOND TYPE IN A (109)
95014.0 POINTS



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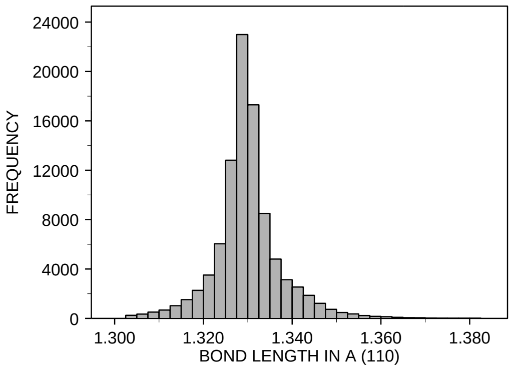
LEU:C:+N : BOND TYPE IN A (109)
94618.0 POINTS



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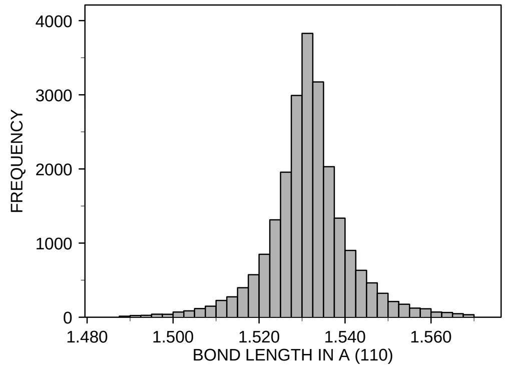
MET:CB:CA : BOND TYPE IN A (109)
22868.0 POINTS



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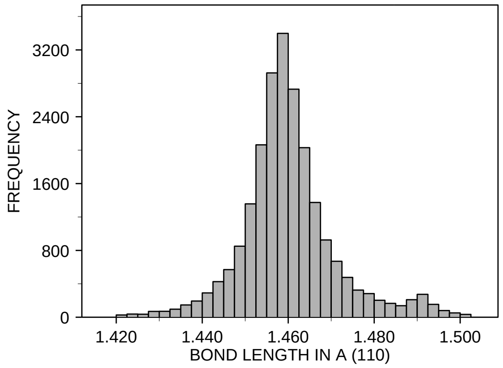
MET:N:CA : BOND TYPE IN A (109)
22877.0 POINTS



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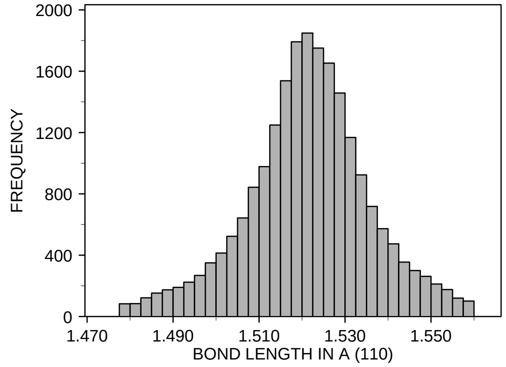
MET:CG:CB : BOND TYPE IN A (109)
22808.0 POINTS



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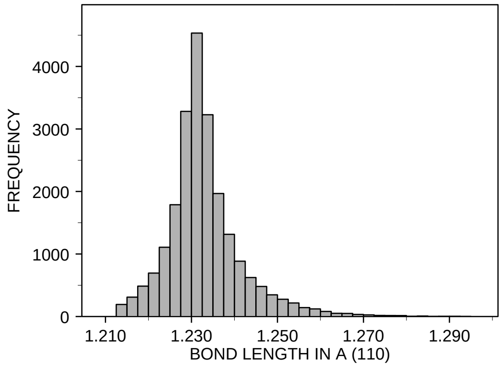
MET:O:C : BOND TYPE IN A (109)
22880.0 POINTS



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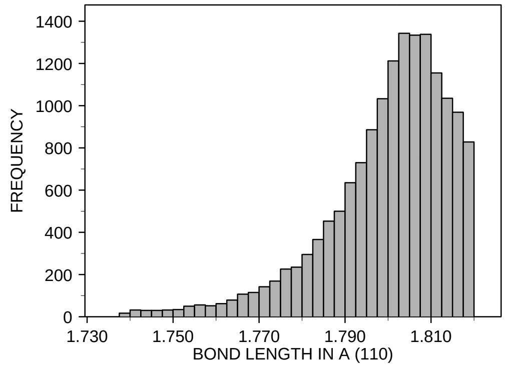
MET:SD:CG : BOND TYPE IN A (109)
22619.0 POINTS



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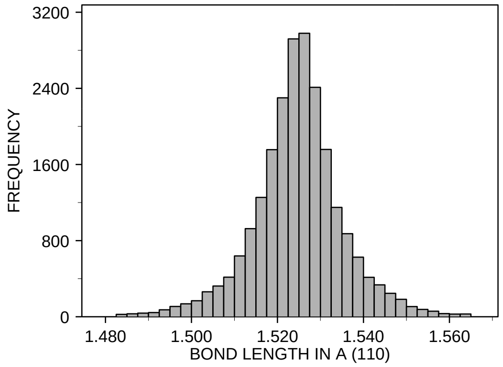
MET:C:CA : BOND TYPE IN A (109)
22878.0 POINTS



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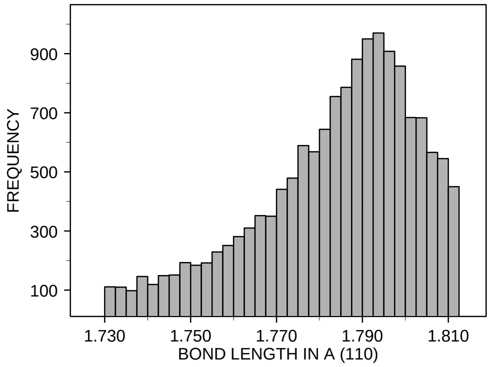
MET:CE:SD : BOND TYPE IN A (109)
22519.0 POINTS



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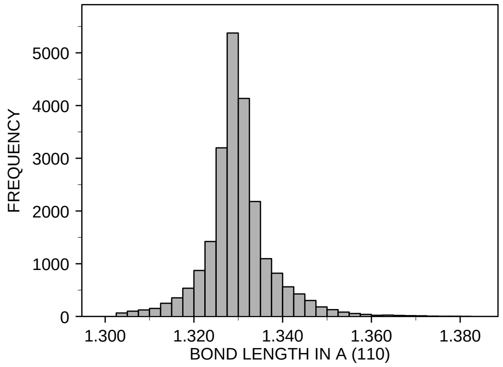
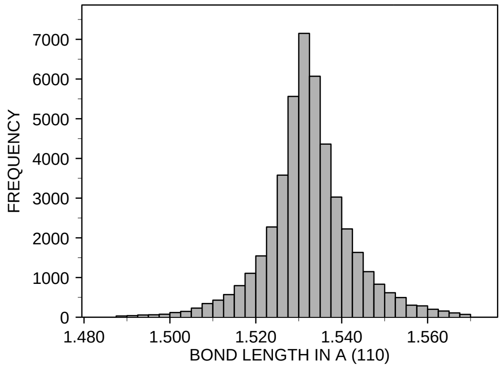
MET:C:+N : BOND TYPE IN A (109)
22754.0 POINTS





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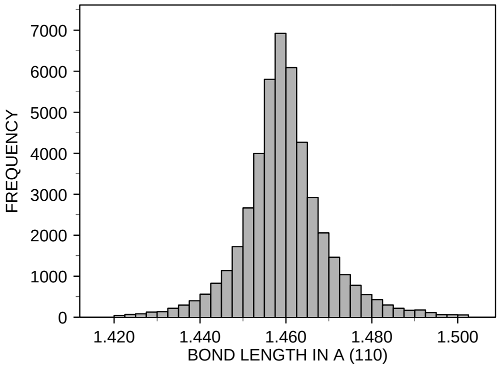
ASN:CB:CA : BOND TYPE IN A (109)
46016.0 POINTS



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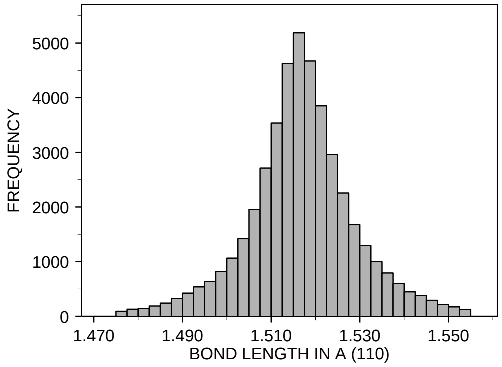
ASN:N:CA : BOND TYPE IN A (109)
46033.0 POINTS



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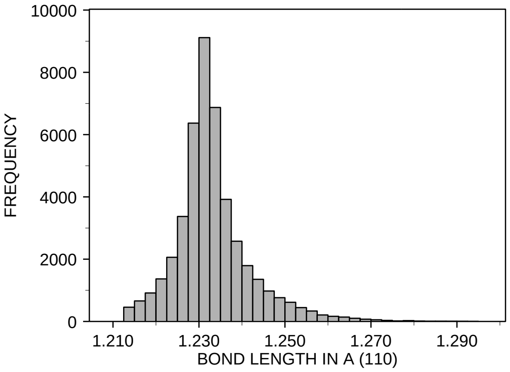
ASN:CG:CB : BOND TYPE IN A (109)
45804.0 POINTS



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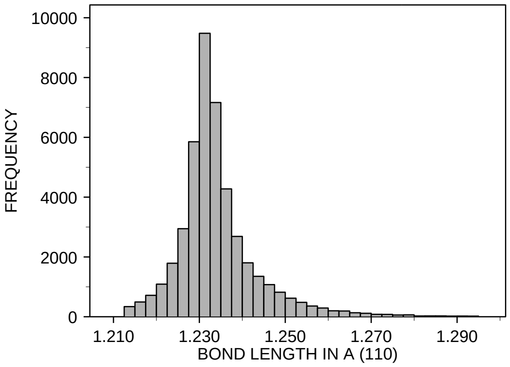
46032.0 POINTS



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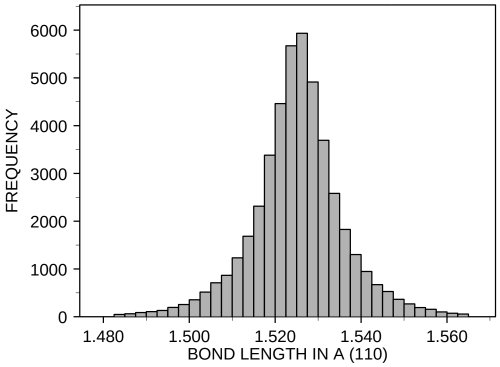
ASN:OD1:CG : BOND TYPE IN A (109)
45788.0 POINTS



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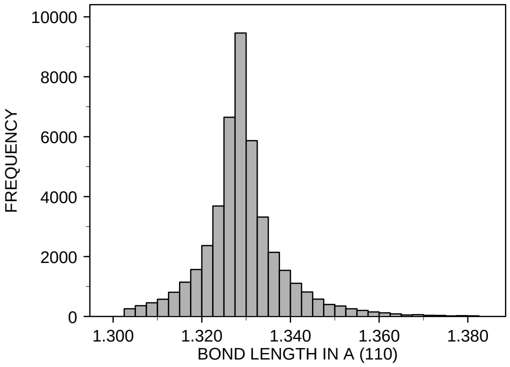
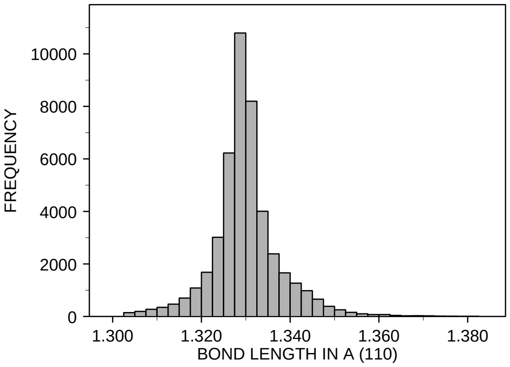
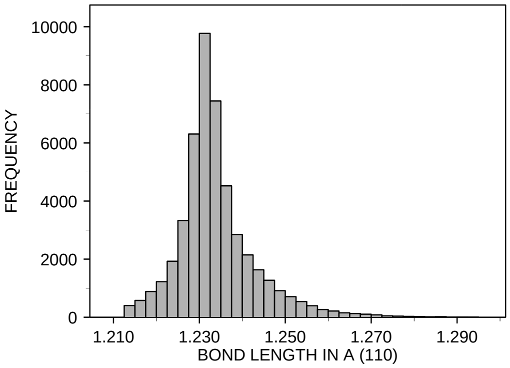
ASN:C:CA : BOND TYPE IN A (109)
46033.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
ASN:ND2:CG : BOND TYPE IN A (109)
45786.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
ASN:C:+N : BOND TYPE IN A (109)
45754.0 POINTS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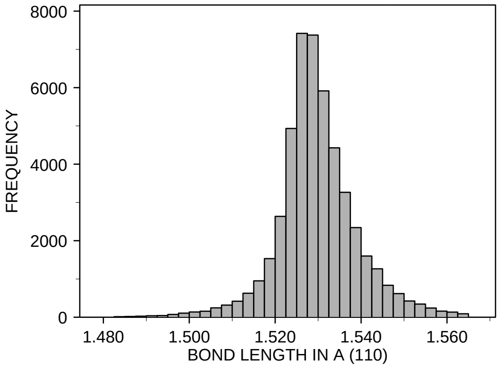
PRO:O:C : BOND TYPE IN A (109)
49041.0 POINTS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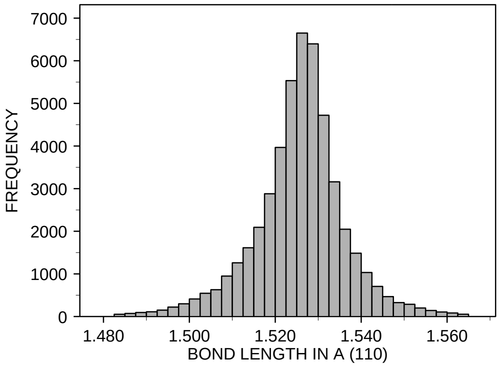
PRO:CA:CB : BOND TYPE IN A (109)
49041.0 POINTS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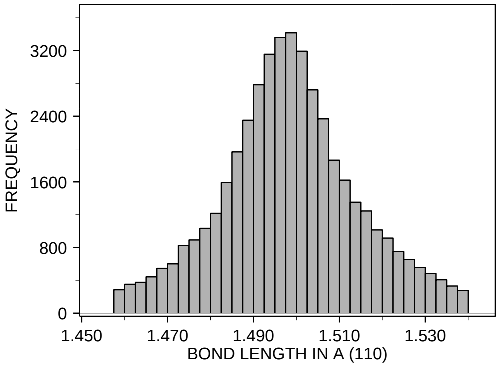
PRO:C:CA : BOND TYPE IN A (109)
49047.0 POINTS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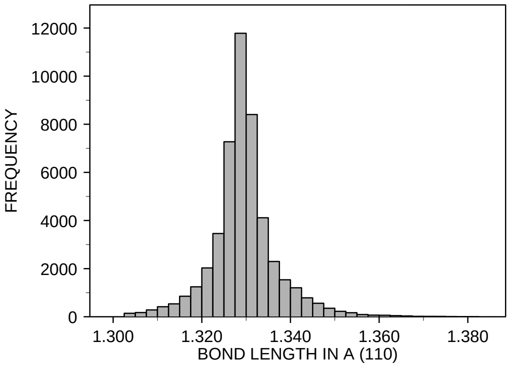
PRO:CB:CG : BOND TYPE IN A (109)
49003.0 POINTS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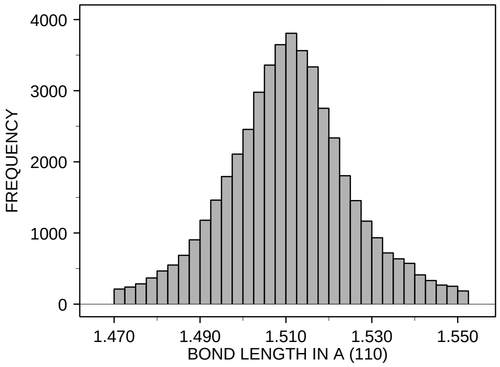
PRO:C:+N : BOND TYPE IN A (109)
48677.0 POINTS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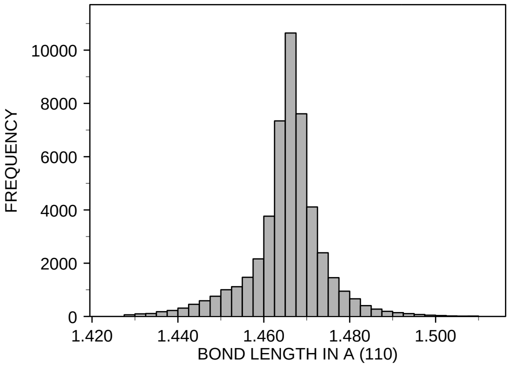
PRO:CG:CD : BOND TYPE IN A (109)
49003.0 POINTS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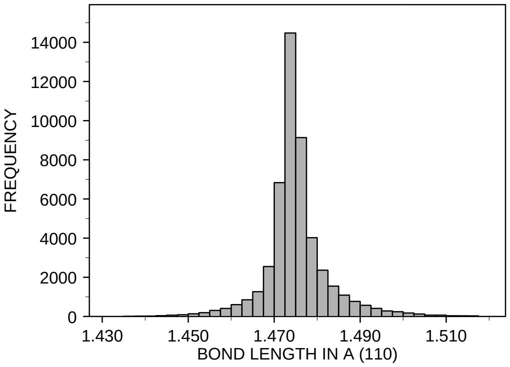
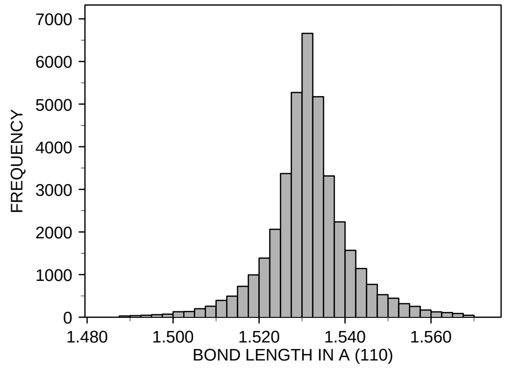
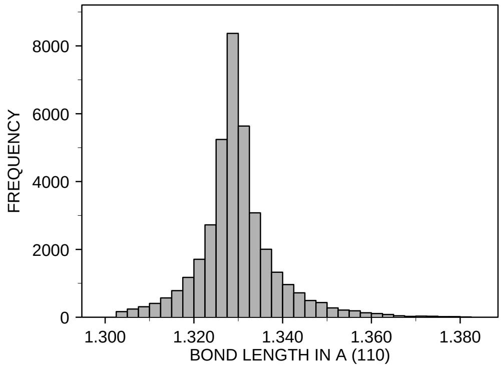
PRO:N:CA : BOND TYPE IN A (109)
49047.0 POINTS


<2 : X−RAY RESOLUTION OF A (35)
PRO:N:CD : BOND TYPE IN A (109)
49004.0 POINTS

<2 : X−RAY RESOLUTION OF A (35)
GLN:CB:CA : BOND TYPE IN A (109)
38919.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
GLN:NE2:CD : BOND TYPE IN A (109)
38477.0 POINTS



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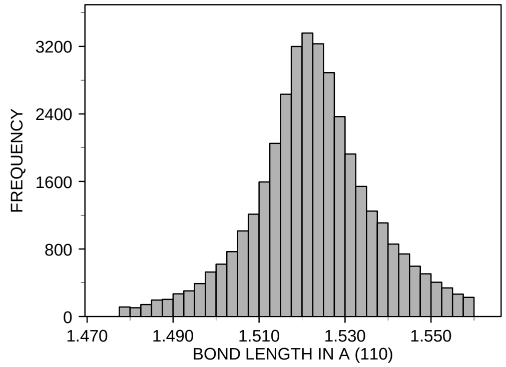
GLN:CG:CB : BOND TYPE IN A (109)
38577.0 POINTS



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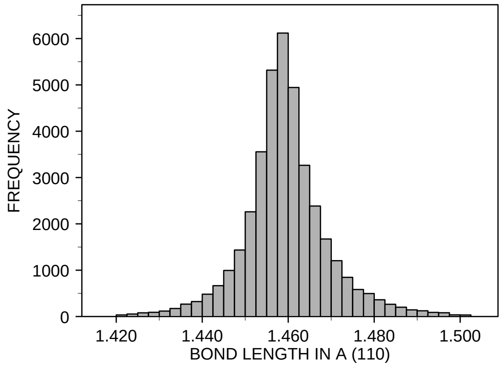
GLN:N:CA : BOND TYPE IN A (109)
38937.0 POINTS



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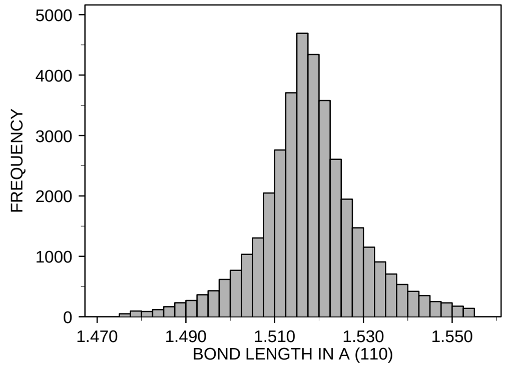
GLN:CD:CG : BOND TYPE IN A (109)
38501.0 POINTS



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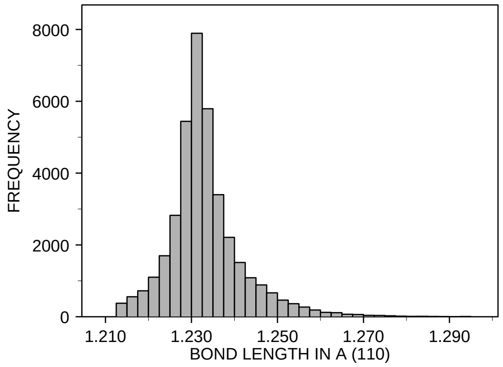
GLN:O:C : BOND TYPE IN A (109)
38938.0 POINTS



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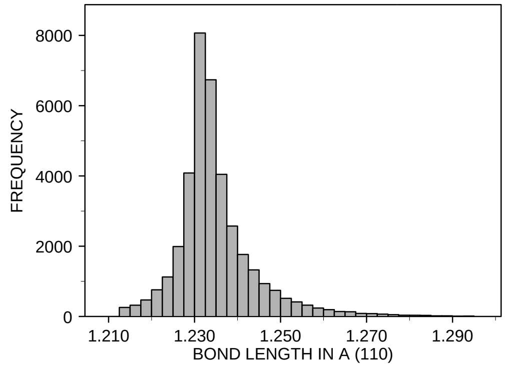
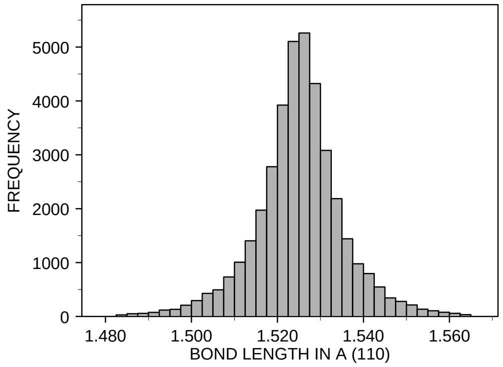
GLN:OE1:CD : BOND TYPE IN A (109)
38478.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
GLN:C:CA : BOND TYPE IN A (109)
38938.0 POINTS



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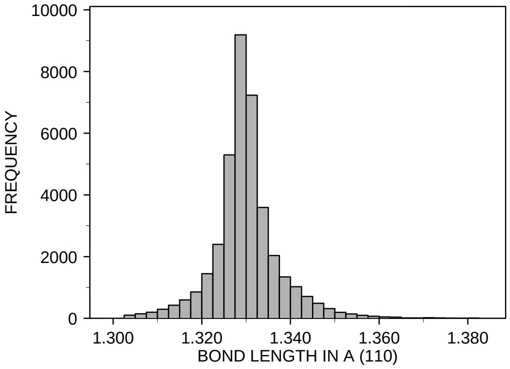
GLN:C:+N : BOND TYPE IN A (109)
38683.0 POINTS



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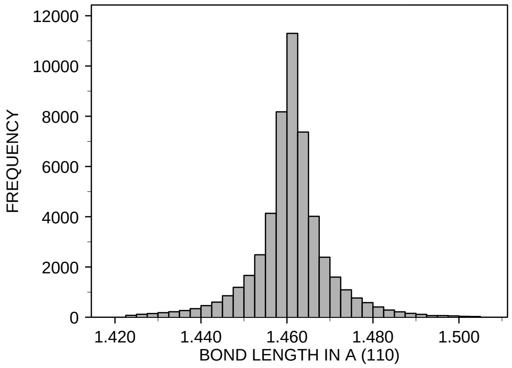
ARG:NE:CD : BOND TYPE IN A (109)
52067.0 POINTS



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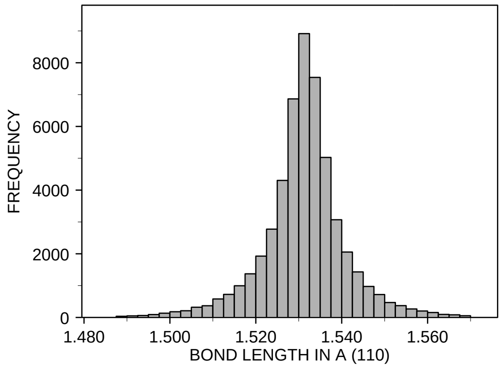
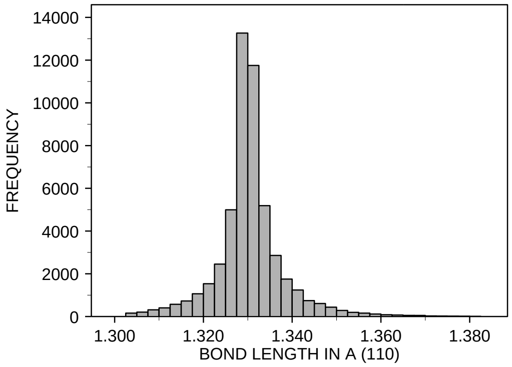
ARG:CB:CA : BOND TYPE IN A (109)
52826.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
ARG:CZ:NE : BOND TYPE IN A (109)
52013.0 POINTS



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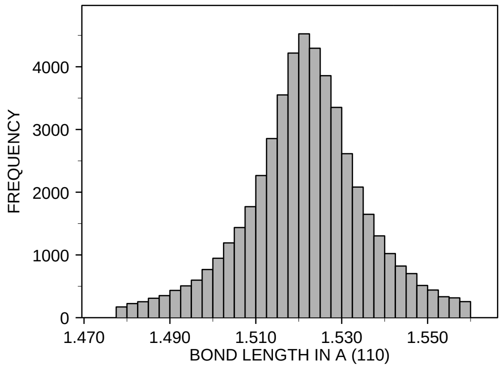
ARG:CG:CB : BOND TYPE IN A (109)
52261.0 POINTS



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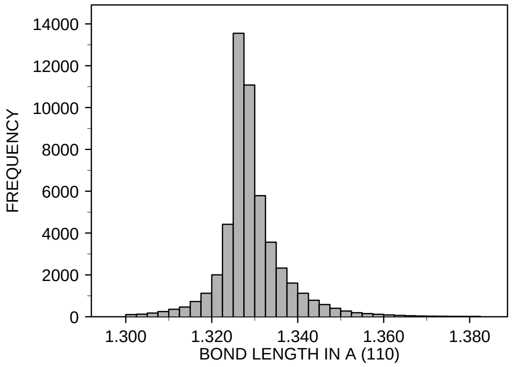
ARG:NH1:CZ : BOND TYPE IN A (109)
51995.0 POINTS



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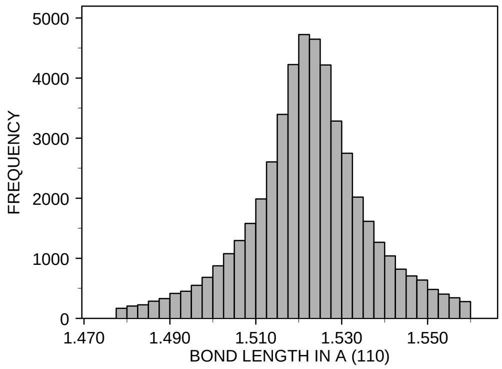
ARG:CD:CG : BOND TYPE IN A (109)
52153.0 POINTS



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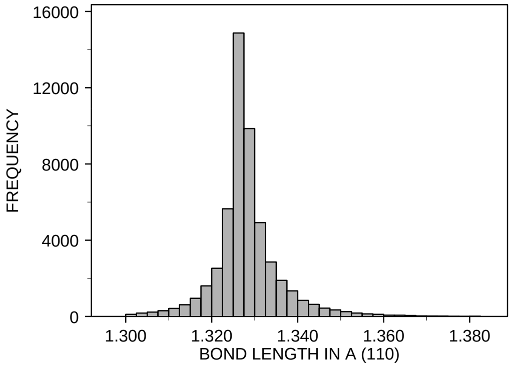
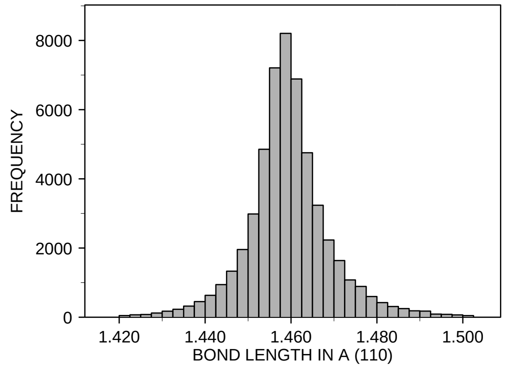
ARG:NH2:CZ : BOND TYPE IN A (109)
51990.0 POINTS





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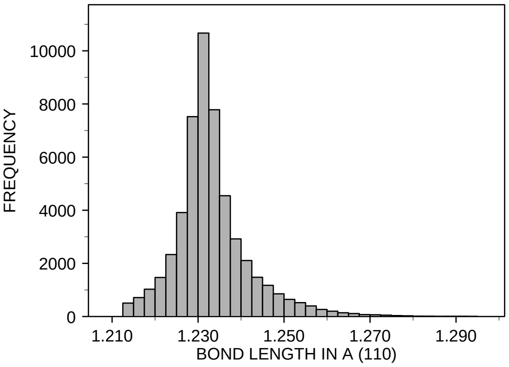
ARG:N:CA : BOND TYPE IN A (109)
52857.0 POINTS



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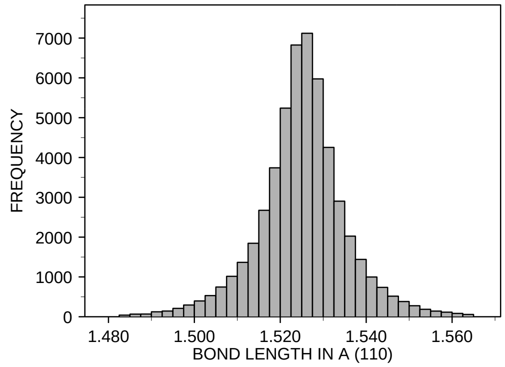
ARG:O:C : BOND TYPE IN A (109)
52855.0 POINTS



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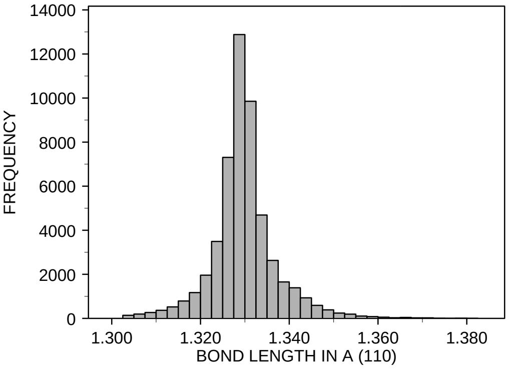
ARG:C:CA : BOND TYPE IN A (109)
52857.0 POINTS



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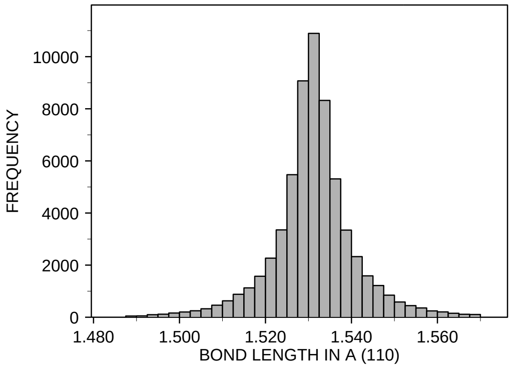
ARG:C:+N : BOND TYPE IN A (109)
52511.0 POINTS



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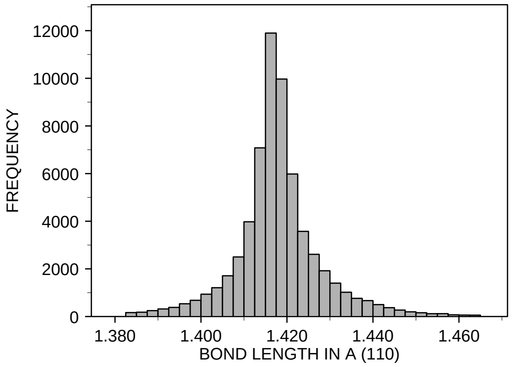
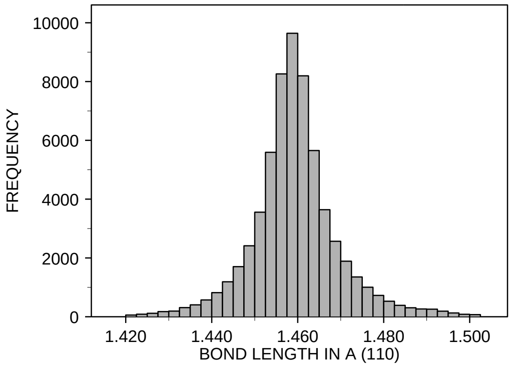
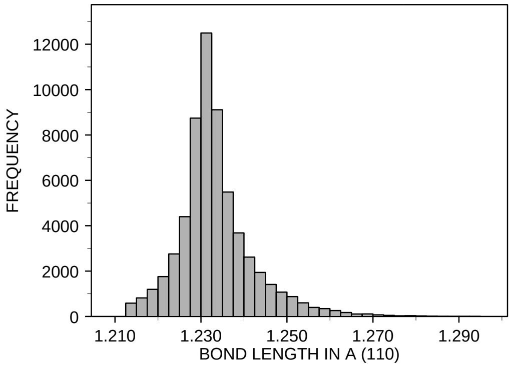
SER:CB:CA : BOND TYPE IN A (109)
62709.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
SER:OG:CB : BOND TYPE IN A (109)
62528.0 POINTS

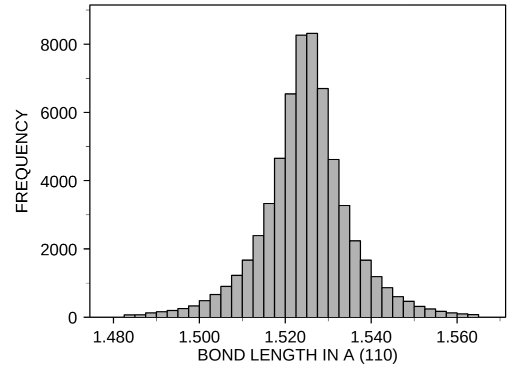


<2 : X−RAY RESOLUTION OF A (35)
SER:N:CA : BOND TYPE IN A (109)
62735.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
SER:O:C : BOND TYPE IN A (109)
62729.0 POINTS

<2 : X−RAY RESOLUTION OF A (35)
SER:C:CA : BOND TYPE IN A (109)
62736.0 POINTS



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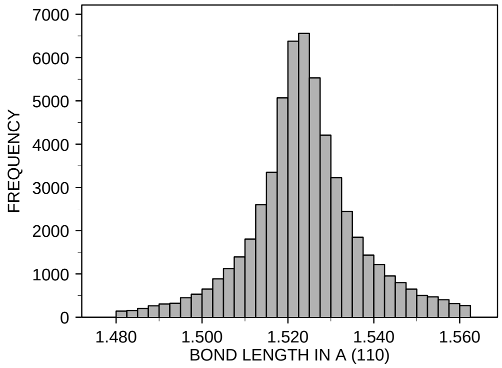
THR:CG2:CB : BOND TYPE IN A (109)
58618.0 POINTS



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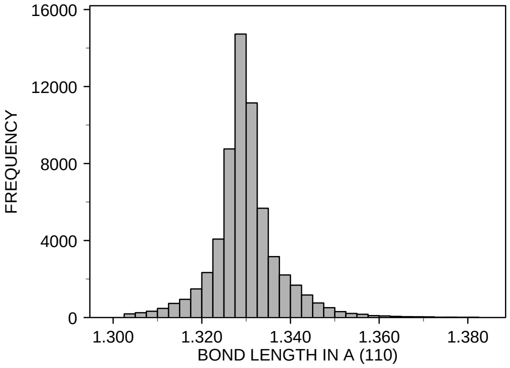
SER:C:+N : BOND TYPE IN A (109)
62309.0 POINTS



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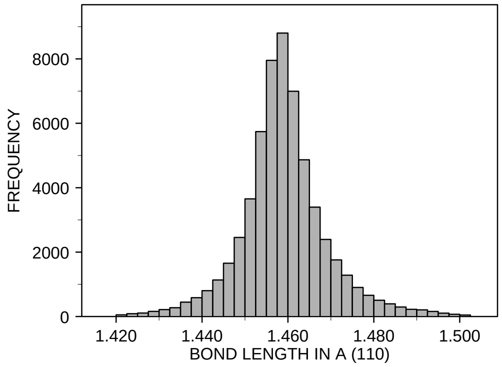
THR:N:CA : BOND TYPE IN A (109)
58739.0 POINTS



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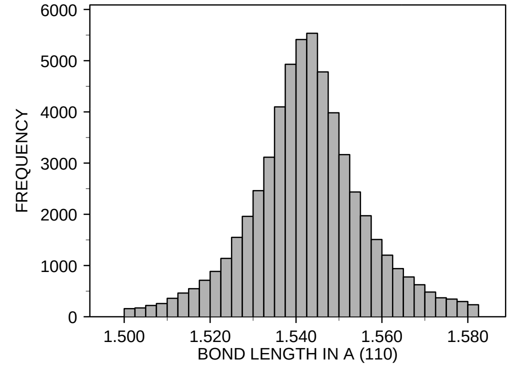
THR:CB:CA : BOND TYPE IN A (109)
58725.0 POINTS



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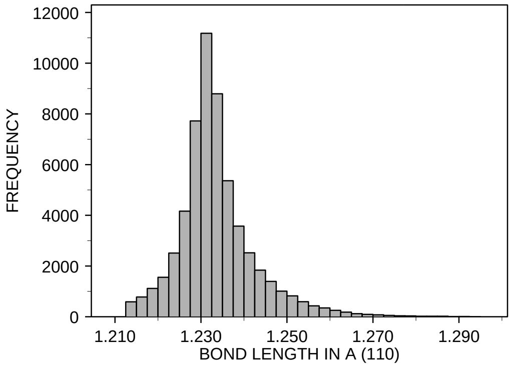
THR:O:C : BOND TYPE IN A (109)
58740.0 POINTS



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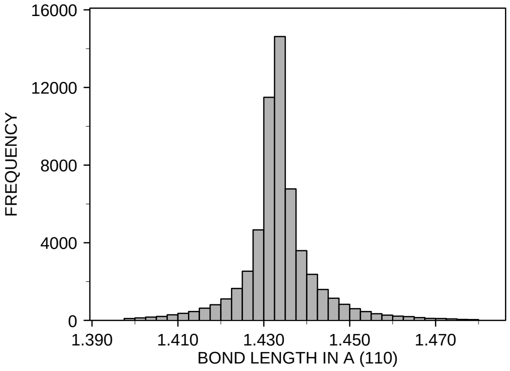
THR:OG1:CB : BOND TYPE IN A (109)
58628.0 POINTS



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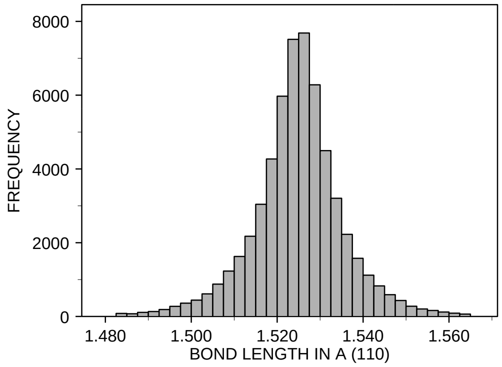
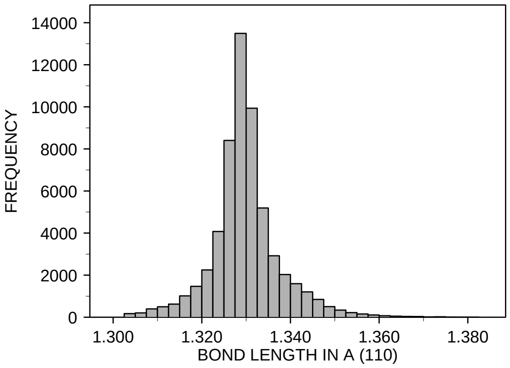
THR:C:CA : BOND TYPE IN A (109)
58739.0 POINTS

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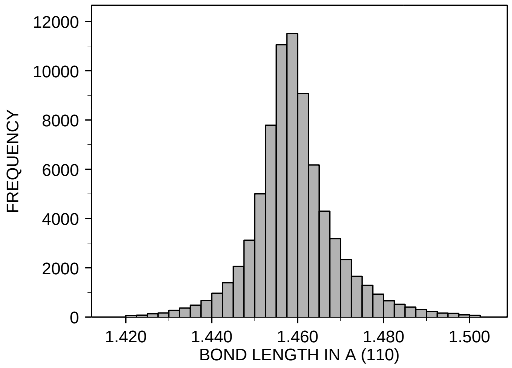
THR:C:+N : BOND TYPE IN A (109)
58471.0 POINTS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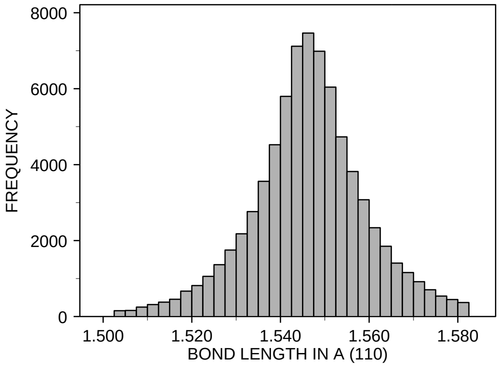
VAL:N:CA : BOND TYPE IN A (109)
77067.0 POINTS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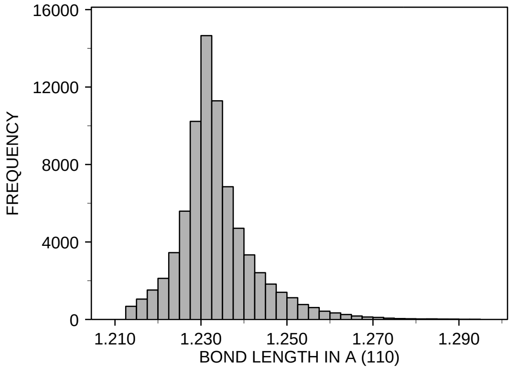
VAL:CB:CA : BOND TYPE IN A (109)
77054.0 POINTS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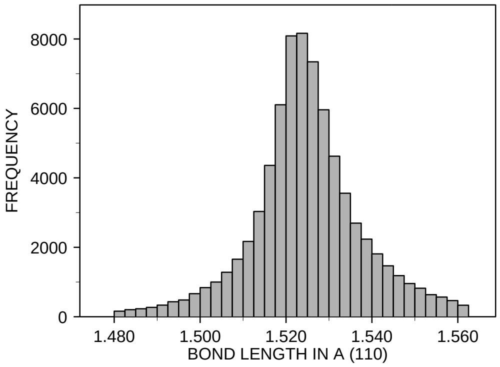
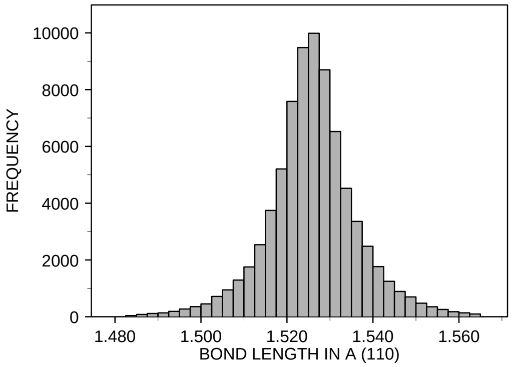
VAL:O:C : BOND TYPE IN A (109)
77063.0 POINTS


<2 : X−RAY RESOLUTION OF A (35)
VAL:CG1:CB : BOND TYPE IN A (109)
76965.0 POINTS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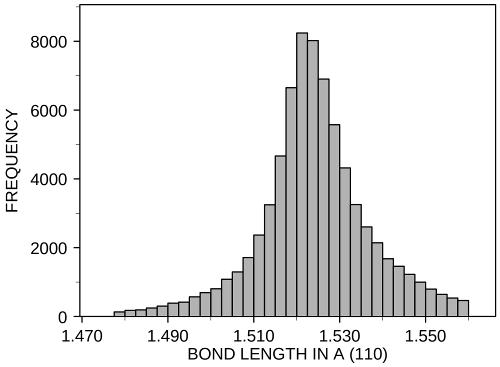
VAL:C:CA : BOND TYPE IN A (109)
77068.0 POINTS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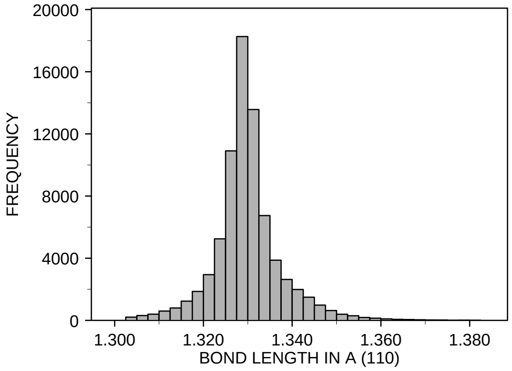
VAL:CG2:CB : BOND TYPE IN A (109)
76966.0 POINTS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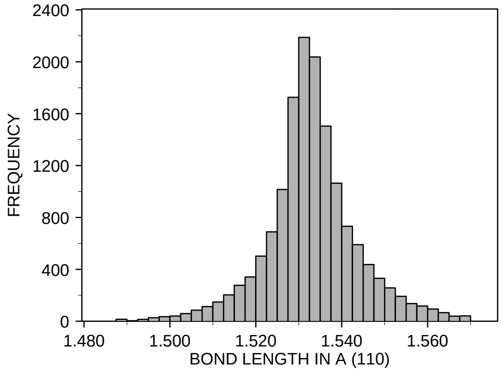
VAL:C:+N : BOND TYPE IN A (109)
76752.0 POINTS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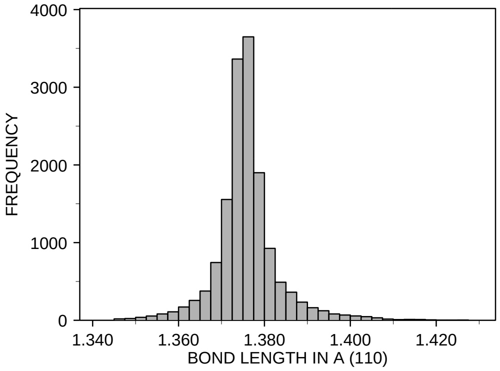
TRP:CB:CA : BOND TYPE IN A (109)
15304.0 POINTS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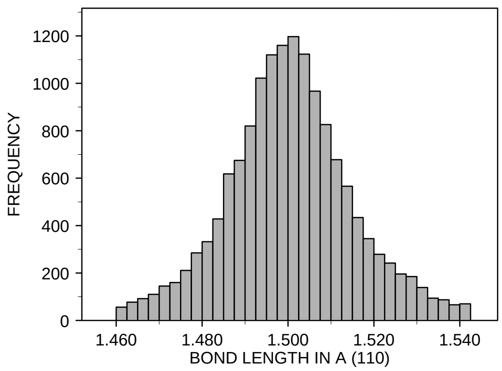
TRP:NE1:CD1 : BOND TYPE IN A (109)
15290.0 POINTS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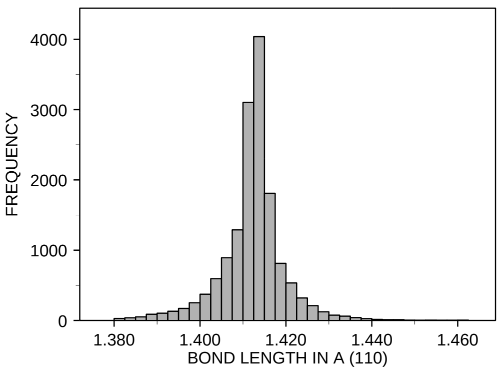
TRP:CG:CB : BOND TYPE IN A (109)
15291.0 POINTS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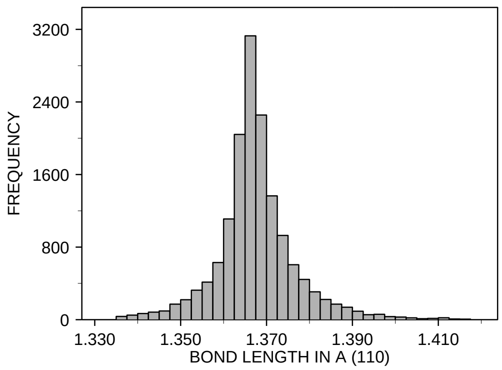
TRP:CE2:CD2 : BOND TYPE IN A (109)
15290.0 POINTS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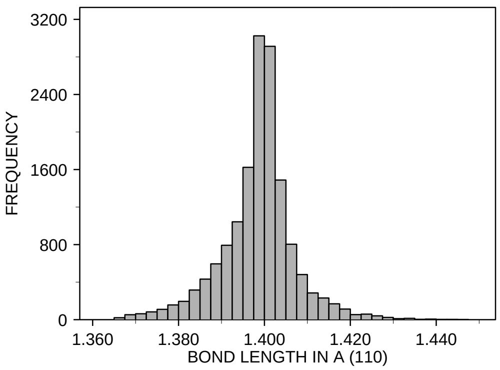
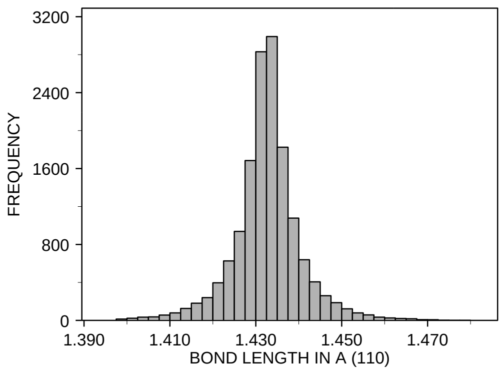
TRP:CD1:CG : BOND TYPE IN A (109)
15290.0 POINTS


<2 : X−RAY RESOLUTION OF A (35)
TRP:CZ2:CE2 : BOND TYPE IN A (109)
15290.0 POINTS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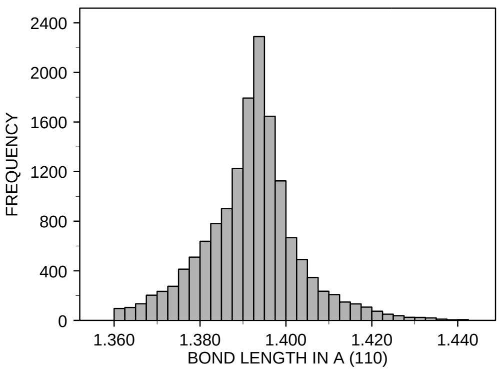
TRP:CD2:CG : BOND TYPE IN A (109)
15290.0 POINTS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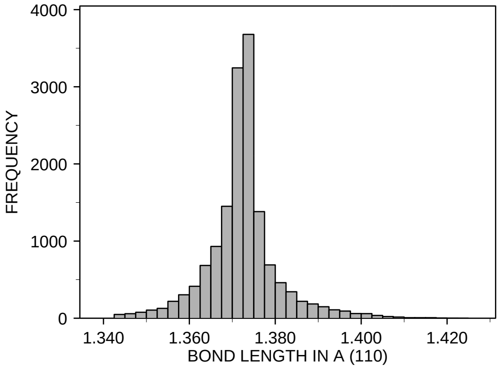
TRP:CZ3:CE3 : BOND TYPE IN A (109)
15290.0 POINTS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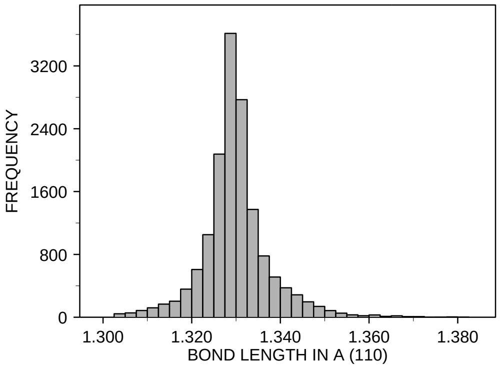
TRP:CH2:CZ2 : BOND TYPE IN A (109)
15290.0 POINTS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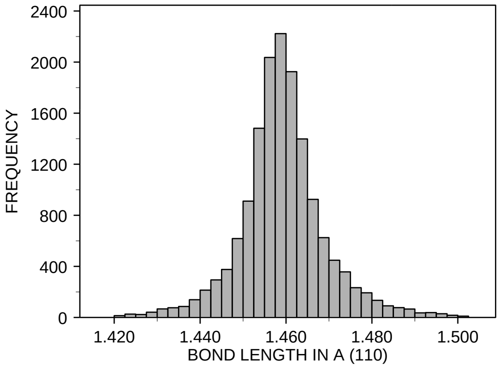
TRP:C:+N : BOND TYPE IN A (109)
15222.0 POINTS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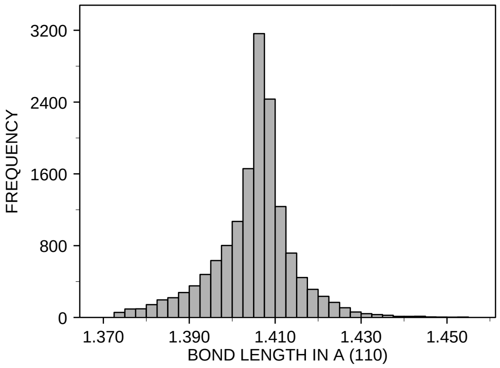
TRP:N:CA : BOND TYPE IN A (109)
15306.0 POINTS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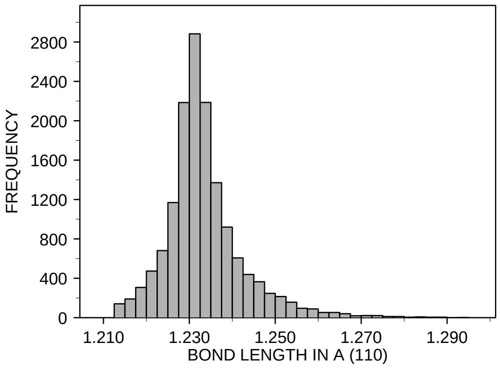
TRP:CZ3:CH2 : BOND TYPE IN A (109)
15290.0 POINTS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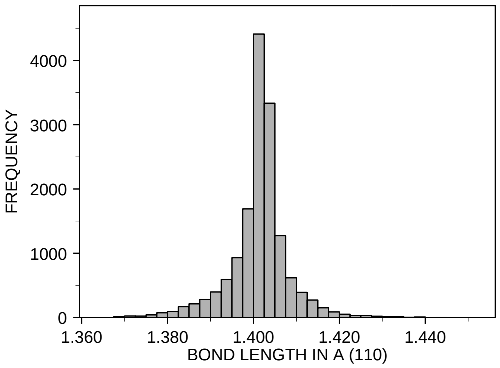
TRP:O:C : BOND TYPE IN A (109)
15306.0 POINTS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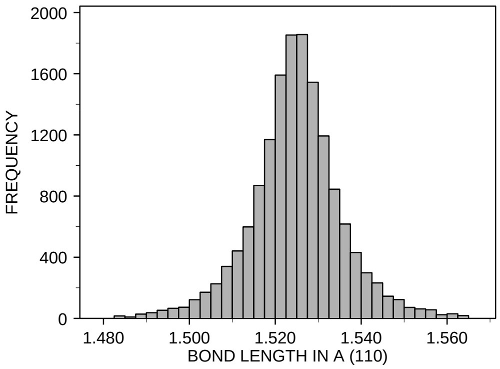
TRP:CD2:CE3 : BOND TYPE IN A (109)
15290.0 POINTS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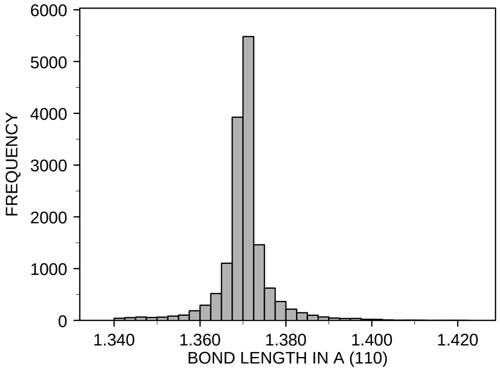
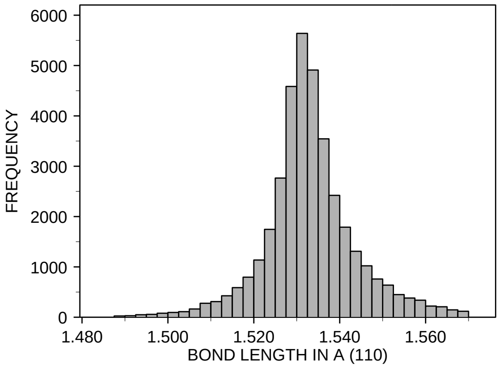
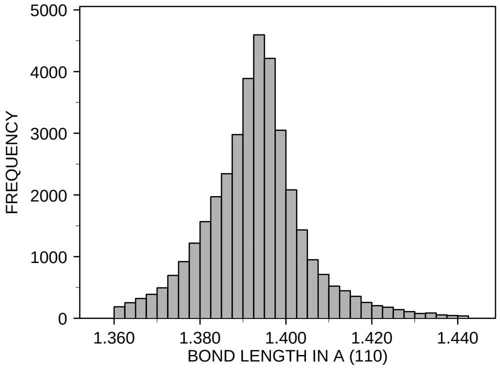
TRP:C:CA : BOND TYPE IN A (109)
15305.0 POINTS


<2 : X−RAY RESOLUTION OF A (35)
TRP:NE1:CE2 : BOND TYPE IN A (109)
15290.0 POINTS

<2 : X−RAY RESOLUTION OF A (35)
TYR:CB:CA : BOND TYPE IN A (109)
37659.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
TYR:CE1:CD1 : BOND TYPE IN A (109)
37601.0 POINTS



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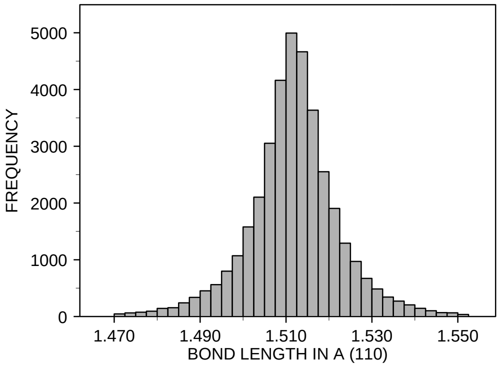
TYR:CG:CB : BOND TYPE IN A (109)
37606.0 POINTS



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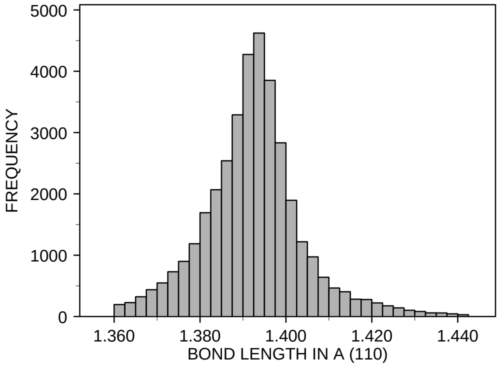
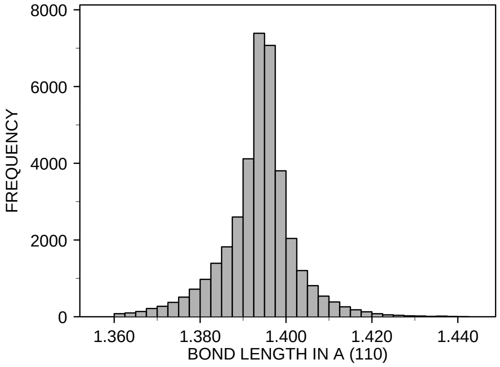
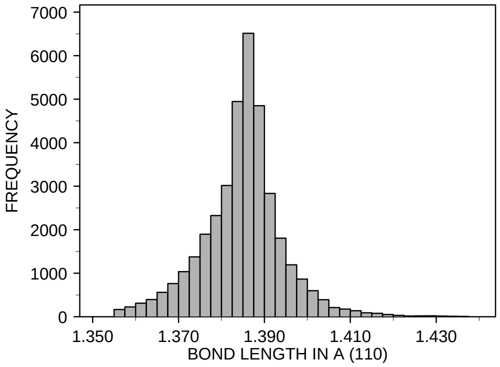
TYR:CE2:CD2 : BOND TYPE IN A (109)
37600.0 POINTS



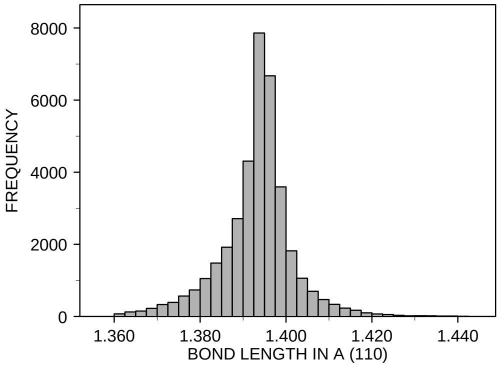
<2 : X−RAY RESOLUTION OF A (35)
TYR:CD1:CG : BOND TYPE IN A (109)
37601.0 POINTS



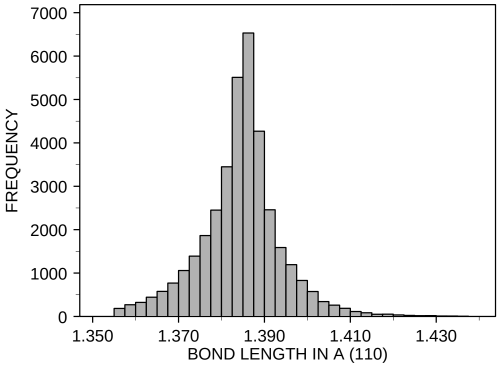
<2 : X−RAY RESOLUTION OF A (35)
TYR:CZ:CE1 : BOND TYPE IN A (109)
37601.0 POINTS

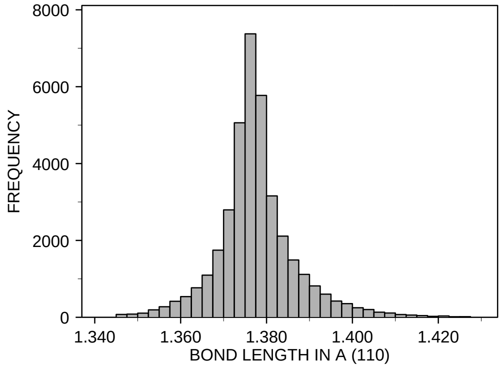


<2 : X−RAY RESOLUTION OF A (35)
TYR:CD2:CG : BOND TYPE IN A (109)
37602.0 POINTS



<2 : X−RAY RESOLUTION OF A (35)
TYR:CZ:CE2 : BOND TYPE IN A (109)
37600.0 POINTS

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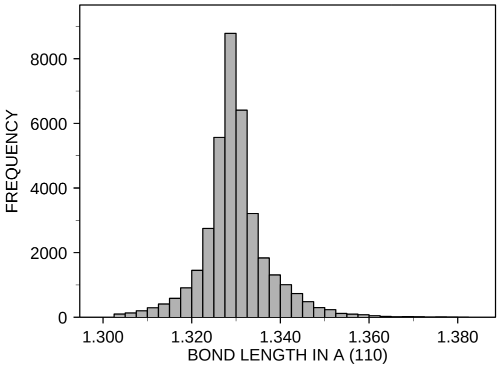
TYR:OH:CZ : BOND TYPE IN A (109)
37600.0 POINTS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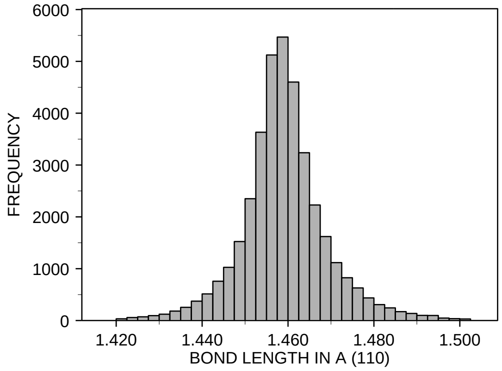
TYR:C:+N : BOND TYPE IN A (109)
37490.0 POINTS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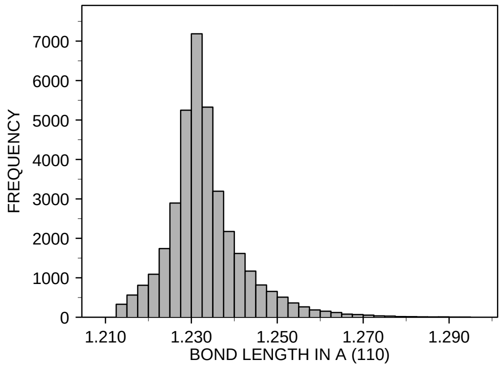
TYR:N:CA : BOND TYPE IN A (109)
37664.0 POINTS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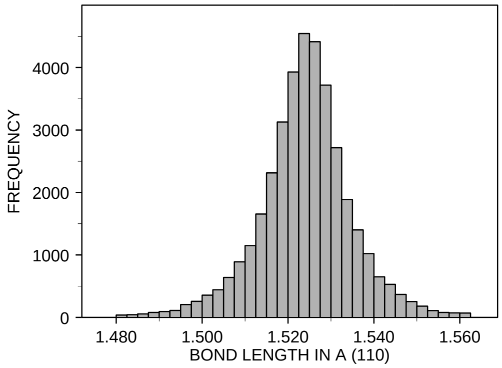
TYR:O:C : BOND TYPE IN A (109)
37661.0 POINTS


<2 : X−RAY RESOLUTION OF A (35)
TYR:C:CA : BOND TYPE IN A (109)
37663.0 POINTS