

Diagrammatic representation of the enzymatic cleavage
of the methionylmethionine diastereomer mixtures DD/LL-I,
DL/LD-I and DD/LL/LD/DL-I.

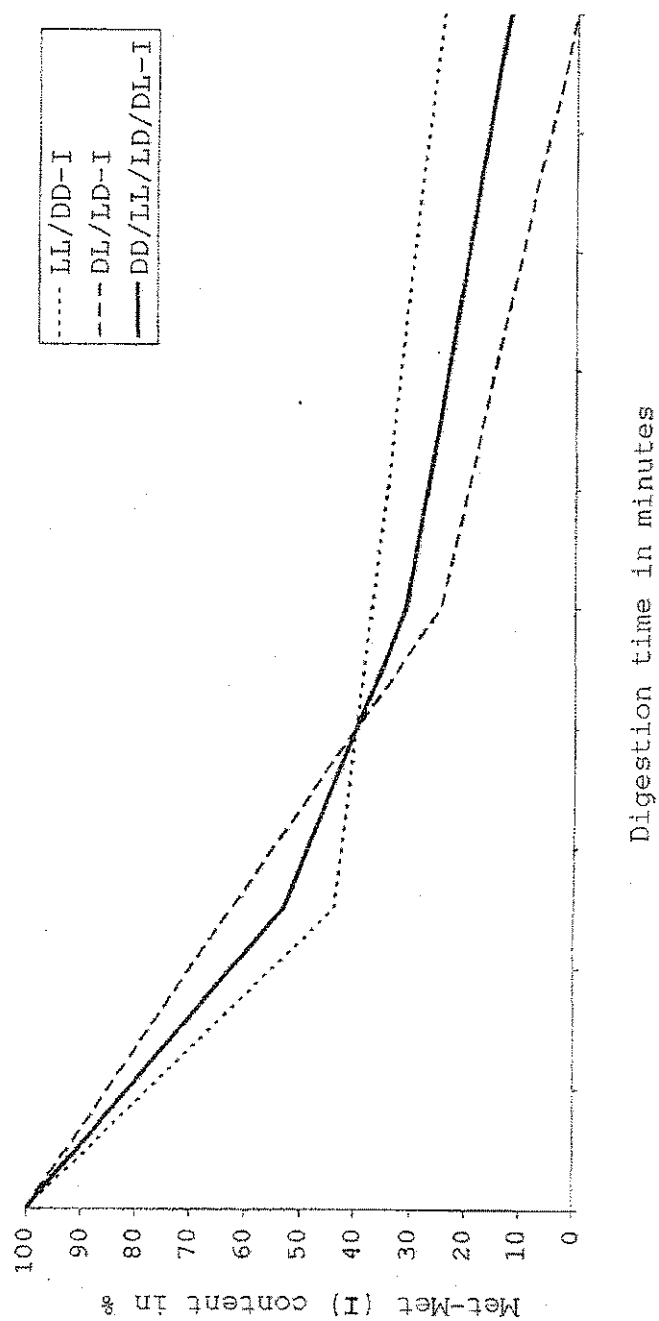


Figure 1

Diagrammatic representation of the enzymatic cleavage
of the four methionylmethionine diastereomers
DD-I, LL-I, DL-I and LD-I with different rates of cleavage

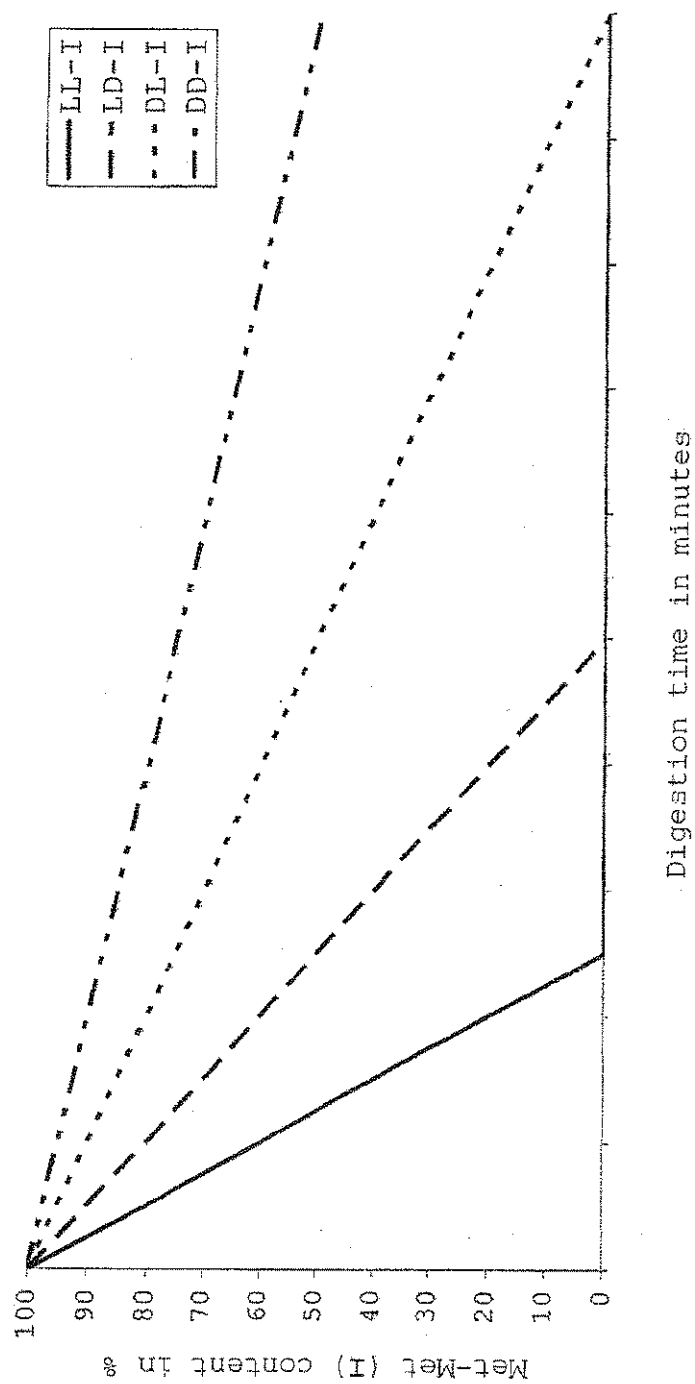


Figure 2

Diagrammatic representation of the enzymatic liberation of methionine (D- and L-Met together) from the four methionylmethionine diastereomers DD-I, LL-I, DL-I and LD-I

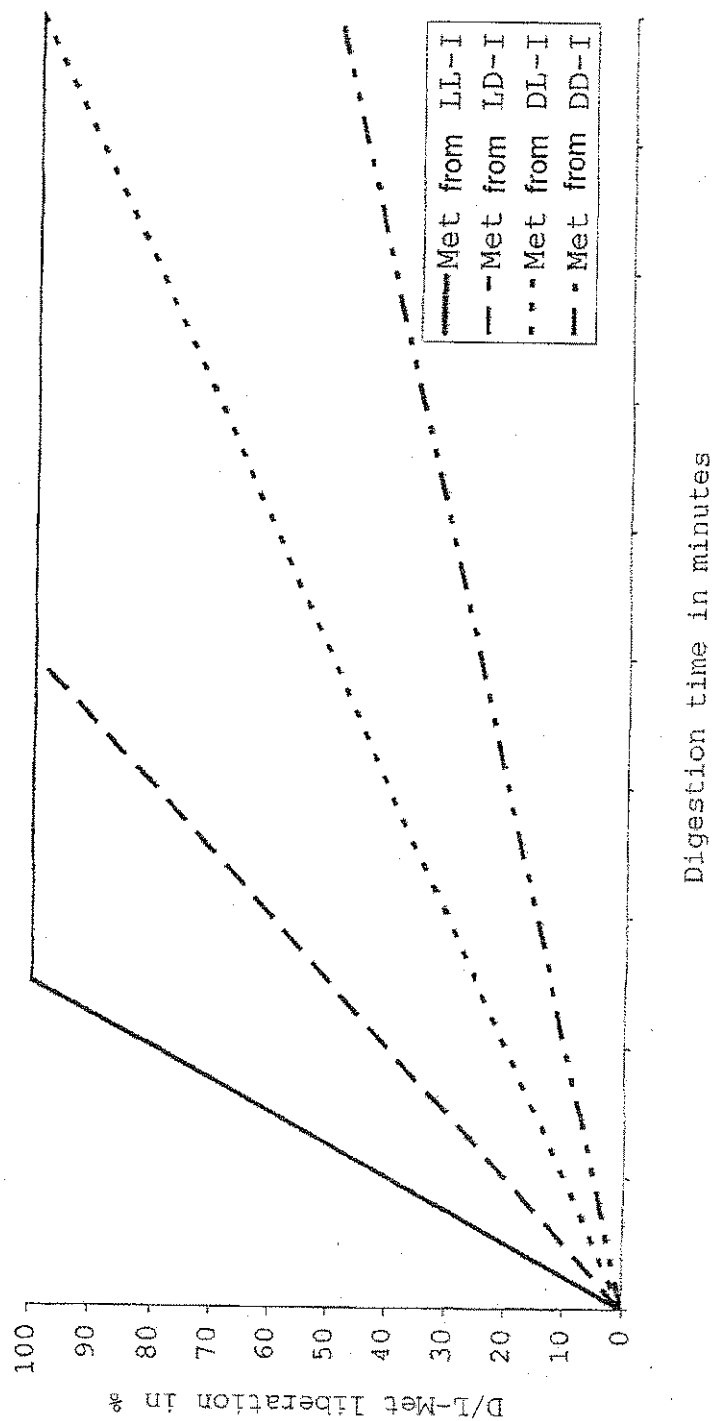


Figure 3

Biotransformation of D-methionine to L-methionine with
an enzyme cocktail from common carp

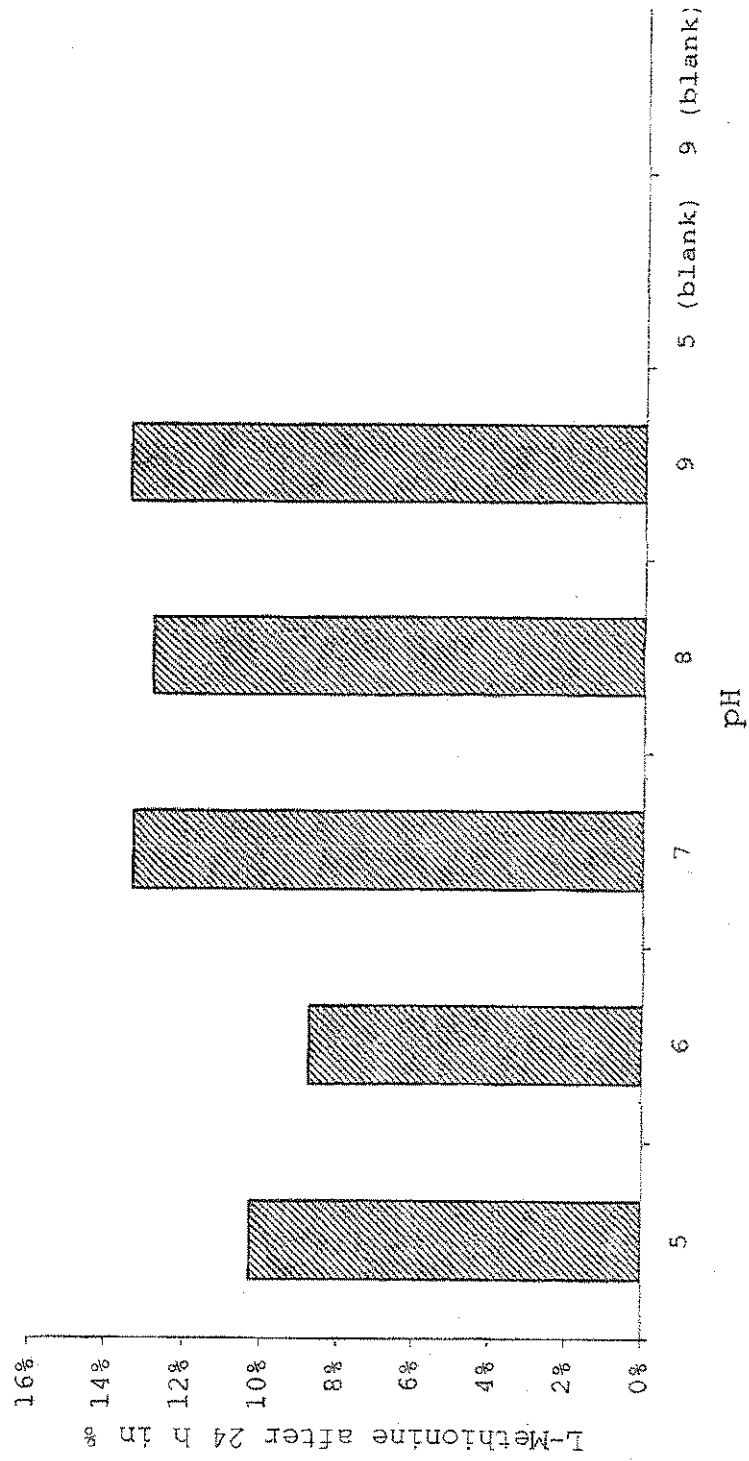


Figure 4

Leaching characteristics of methionylmethionine diastereomer mixtures DD/LL-I, DL/LD-I and LL/DD/LD/DL-I compared with methionine, MHA and MHA-Ca

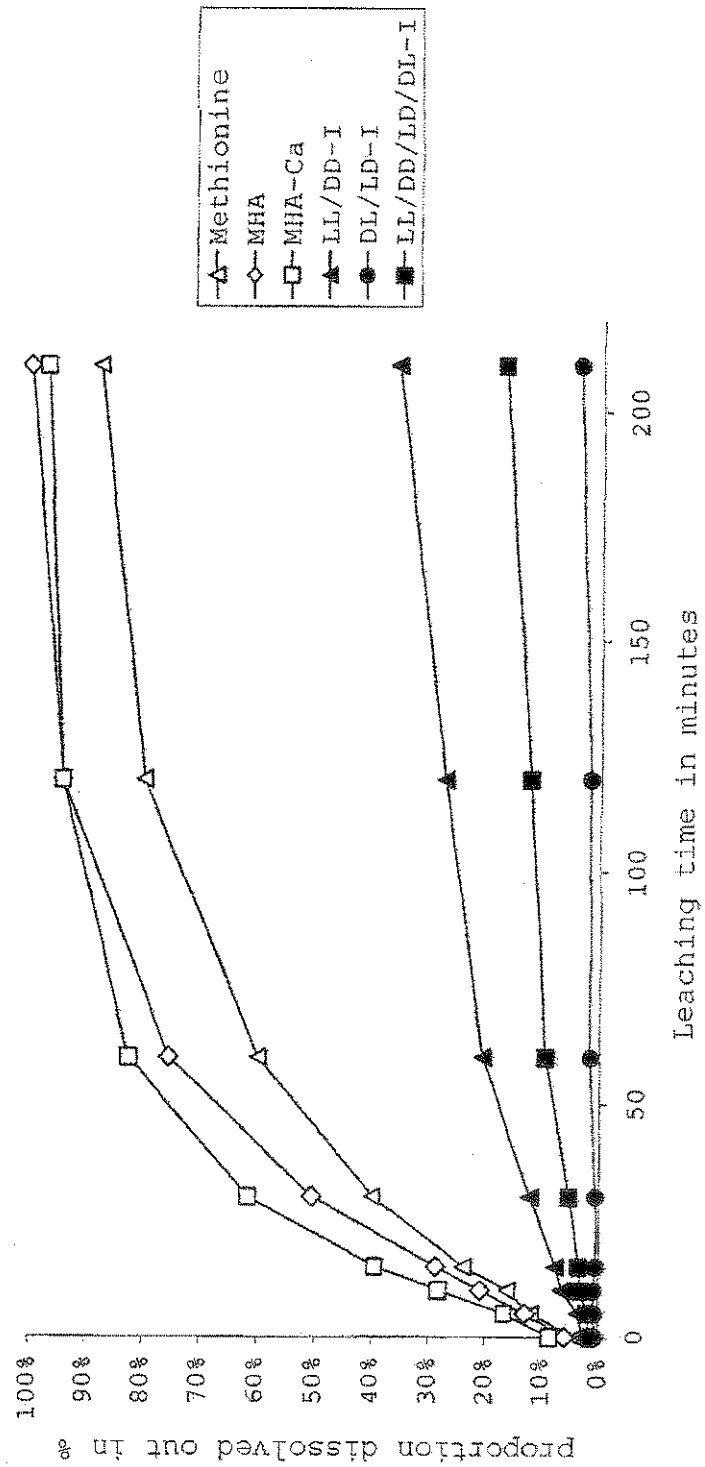


Figure 5

In vitro digestion of four different methionylmethionine diastereomers LL-I, LD-I, DL-I and DD-I with digestive enzymes of the common carp

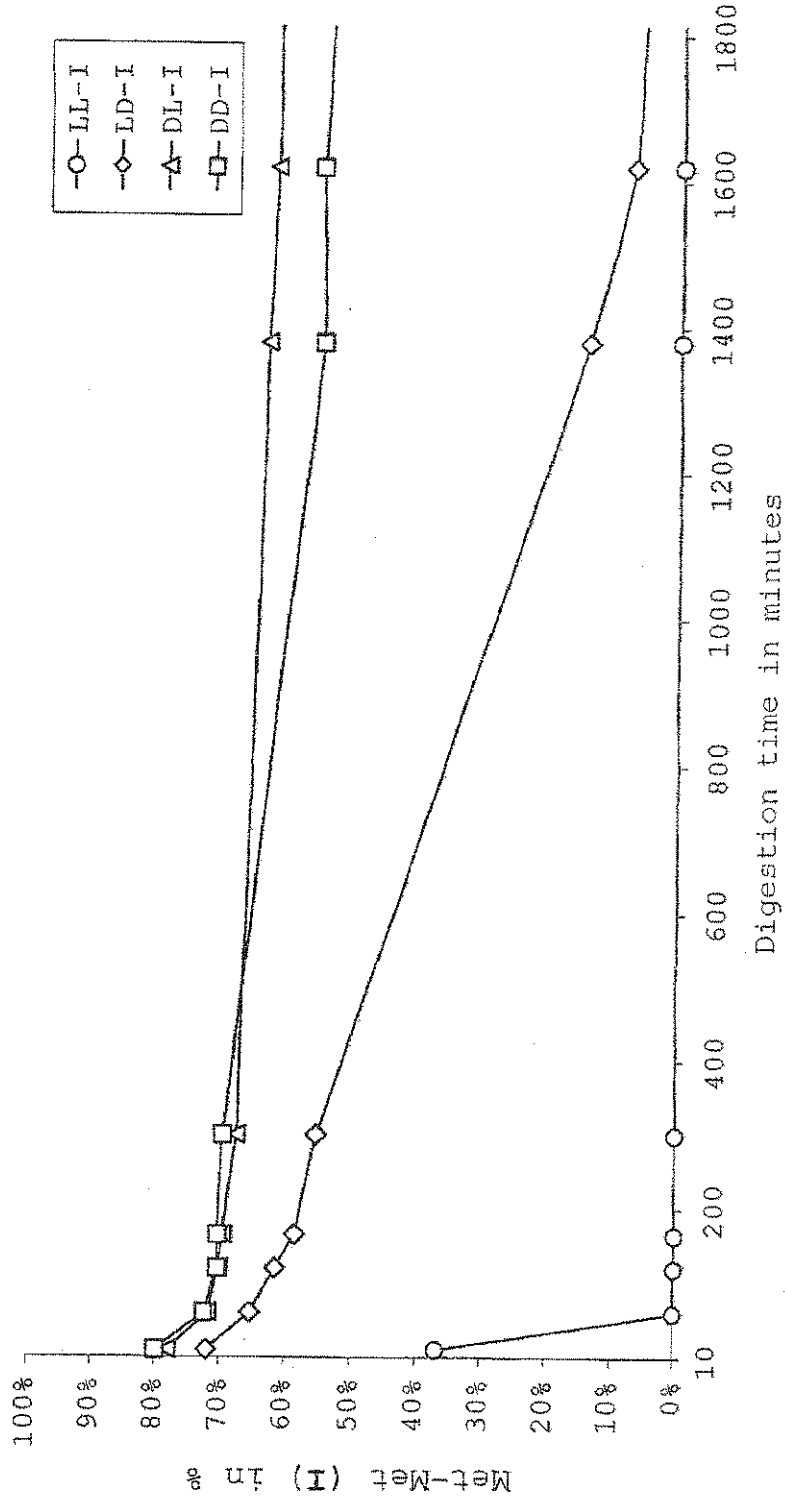


Figure 6

In vitro digestion of various methionylmethionine
diastereomer mixtures LL/DD-I, DL/LD-I and LL/DD/LD/DL-I
with digestive enzymes of the common carp

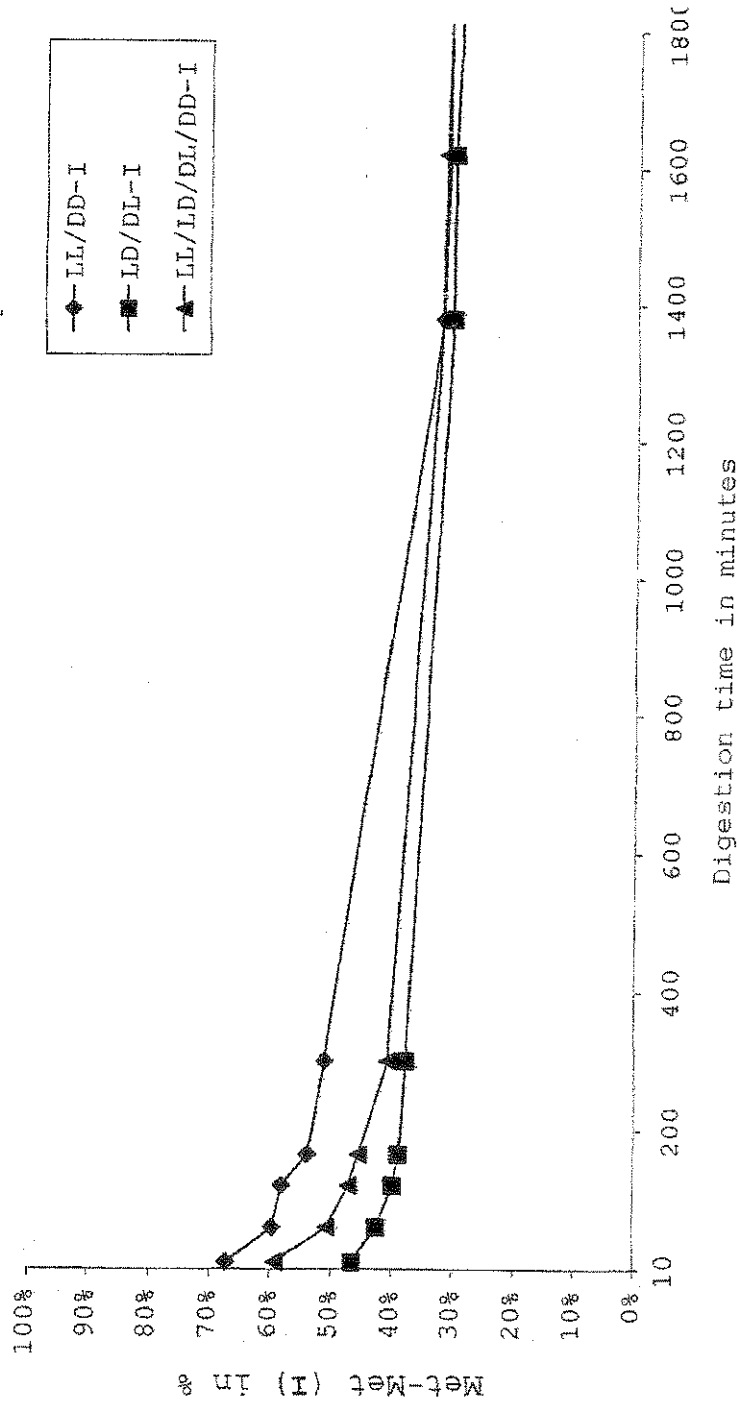


Figure 7

In vitro digestion of four different methionylmethionine diastereomers LL-I, LD-I, DL-I and DD-I with digestive enzymes of the rainbow trout

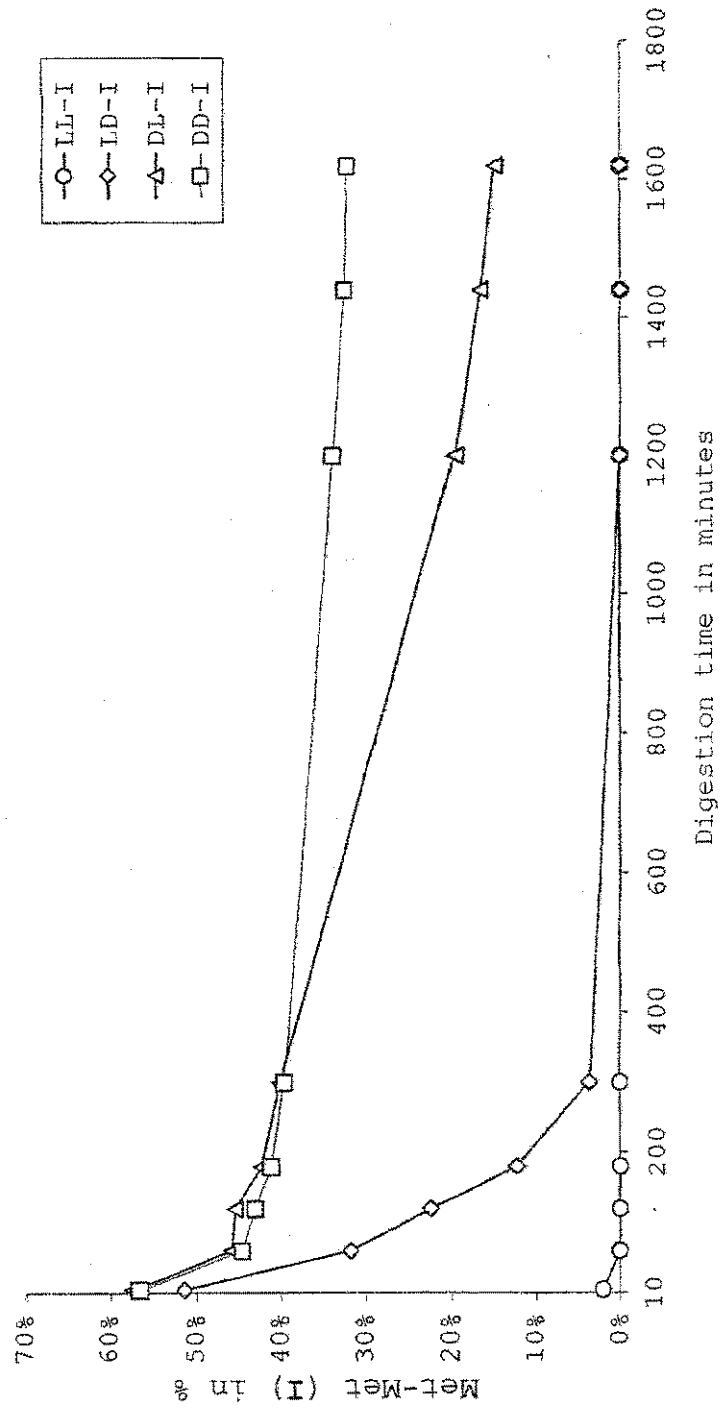


Figure 8

In vitro digestion of various methionine
diastereomer mixtures LL/DD-I, DL/LD-I and LL/DD/LD/DL-I
with digestive enzymes of the rainbow trout

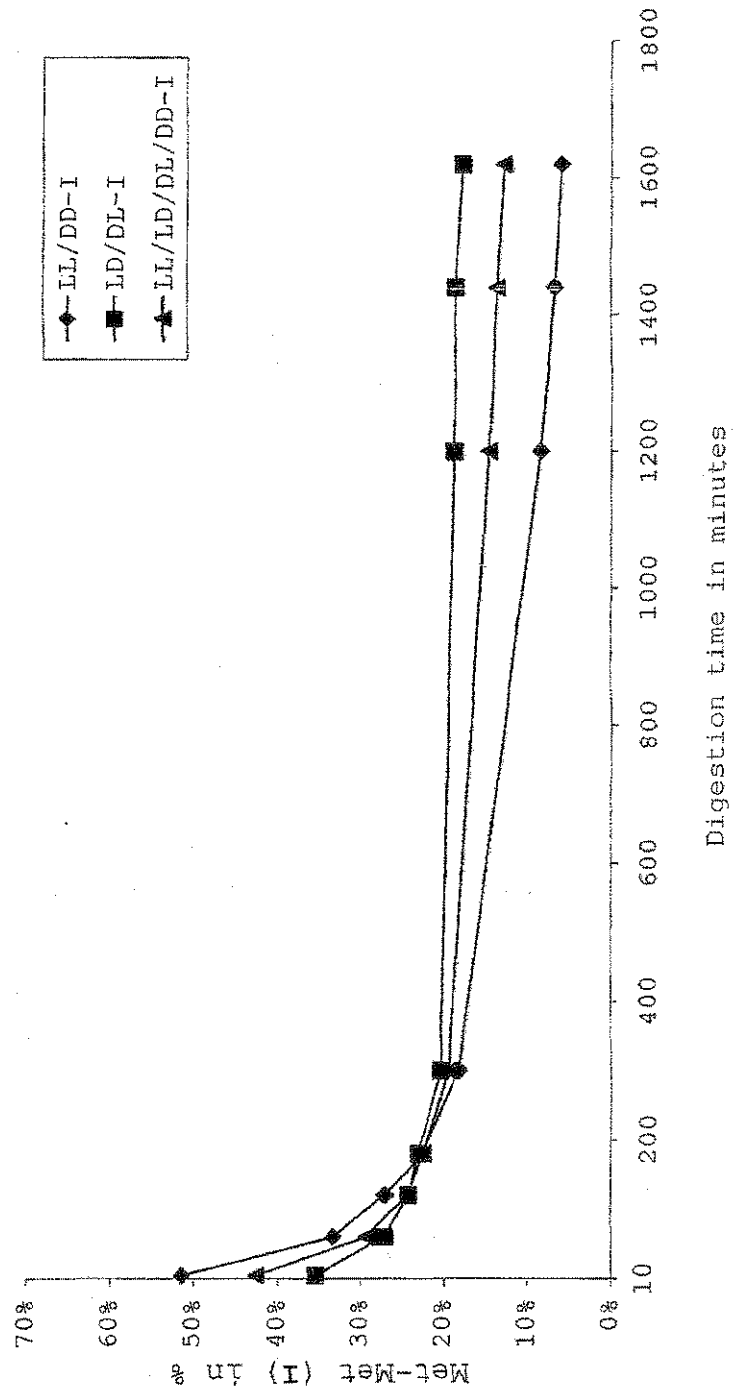
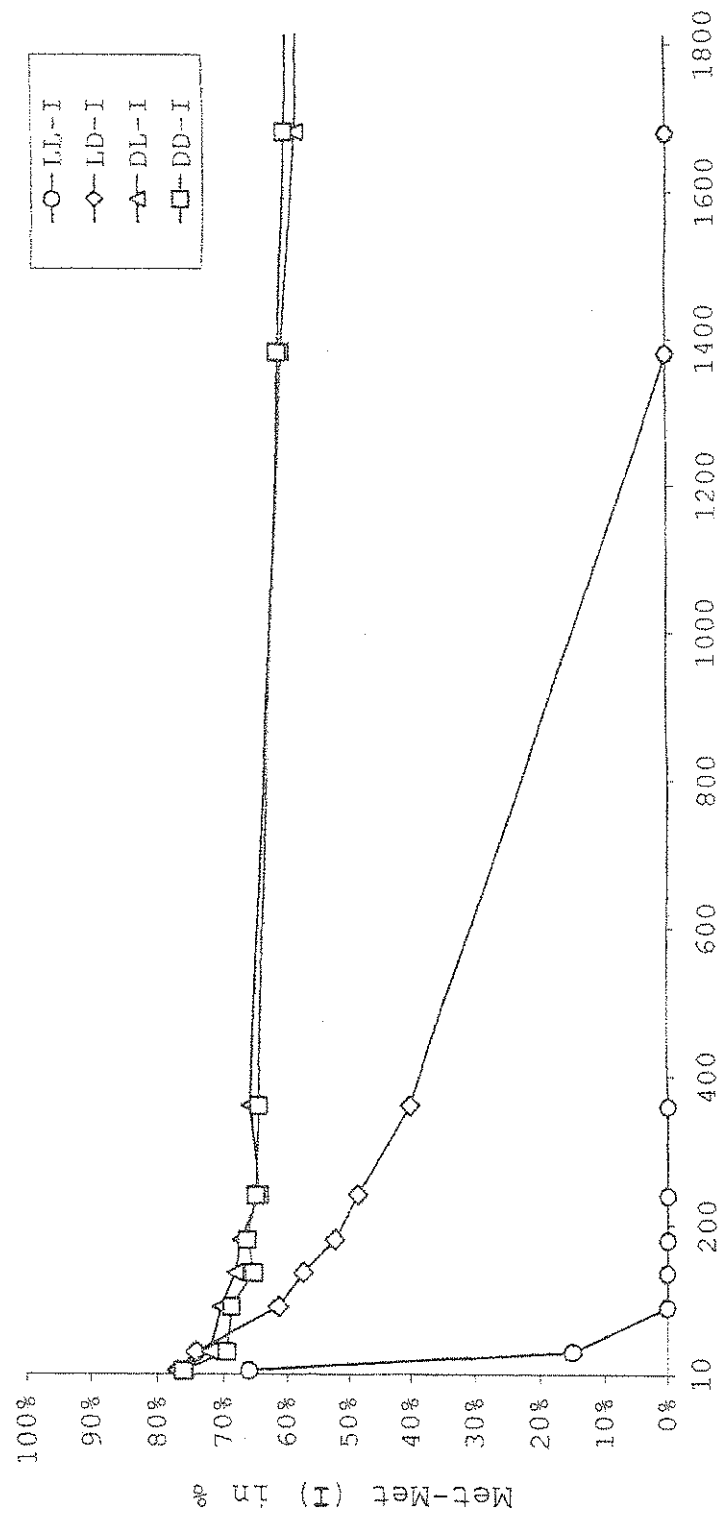


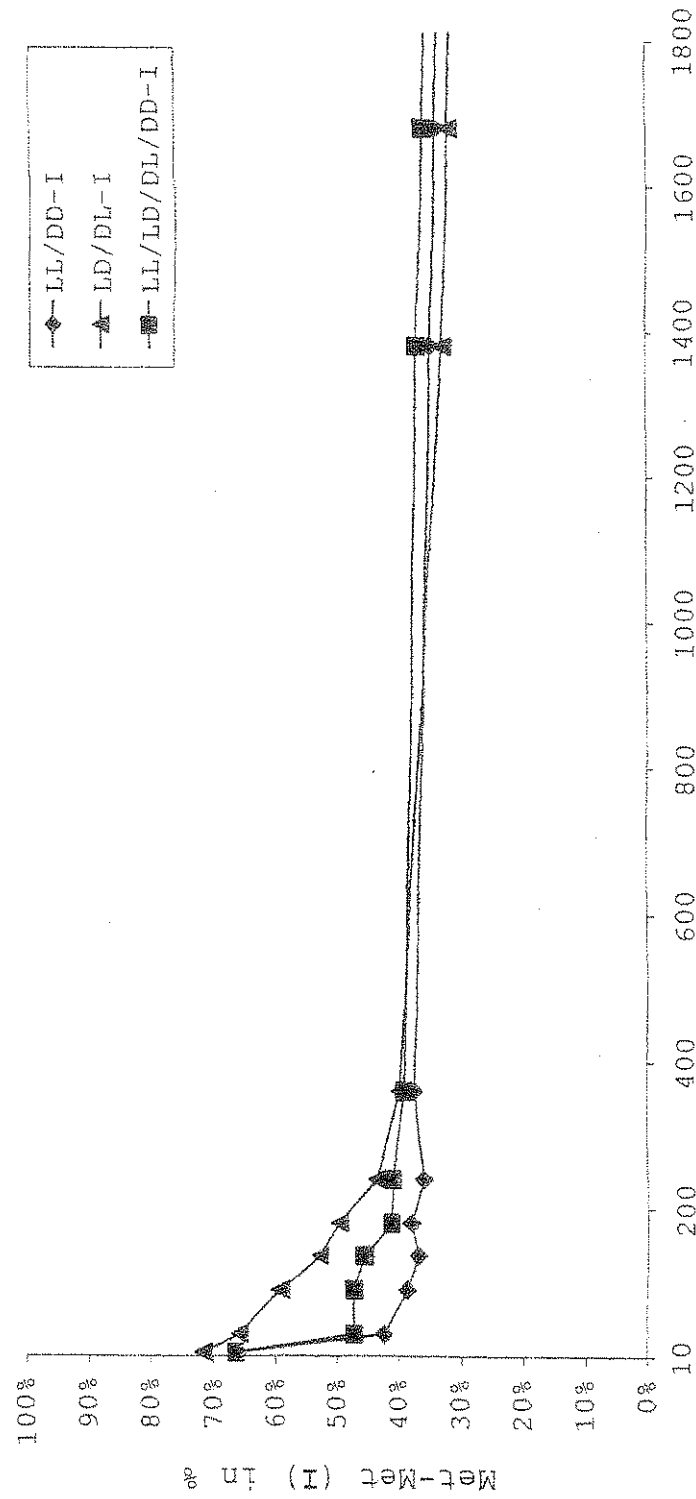
Figure 9

In vitro digestion of four different methionylmethionine diastereomers LL-I, LD-I, DL-I and DD-I with digestive enzymes of the whiteleg shrimp



Digestion time in minutes
Figure 10

In vitro digestion of various methionine diastereomer mixtures LL/DD-I, DL/LD-I and LL/DD/LD/DL-I with digestive enzymes of the whiteleg shrimp



Digestion time in minutes
Figure 11