The diagram illustrates the layout calculations for a dendrogram-heatmap visualization, with the following labeled dimensions and legend:

Legend:

- **MAX(#NtoL):** The maximum number of intervening nodes to a leaf node.
- **#Org:** The number of organisms analyzed.
- **#LN:** Number of leaf nodes found underneath a node.
- **RM,LM,TM,BM:** The right, left, top, and bottom margins.
- **TW:** Tree Width
- **HW:** Heatmap Width
- **DW:** Diagram Width
- **DH:** Diagram Height
- **DTO:** Diagram Top Offset
- **TAO:** Top Axis Offset
- **SVG-H:** SVG Height
- **SVG-W:** SVG Width
- **H*:** Object Height
- **W*:** Object Width

Key equations shown in the diagram:

$$DW = TW + HW$$
$$TW = (S3+W3+W2)*(MAX(\#NtoL))$$
$$HW = ((S1+W1)*(\#Org)) + S4 + W3$$
$$DH = H2 + DTO + S2$$
$$H2 = H1*(\#LN) + S2*(\#LN-1)$$
$$SVG\text{-}H = TM + DH + BM$$
$$SVG\text{-}W = LM + DW + RM$$

Column headers (organisms): Organism_1, Organism_2, Organism_3

Row labels (heatmap):
- **Biosynthesis**
- **Energy Metabolism**
- **Catabolism**
- Step 1 -- *4-alpha-glucanotransferase*
- Step 1 -- *1,4-alpha-glucan enzyme*
- Step 1 -- *Glycogen synthase (ADP)*
- Exopolyphospate System
- **Protein Metabolism**
- **Iron Metabolism**

Tree node labels: Metabolism, Storage Polymers, Glycogen System

Additional labels: "Margin", SVG 'Canvas'