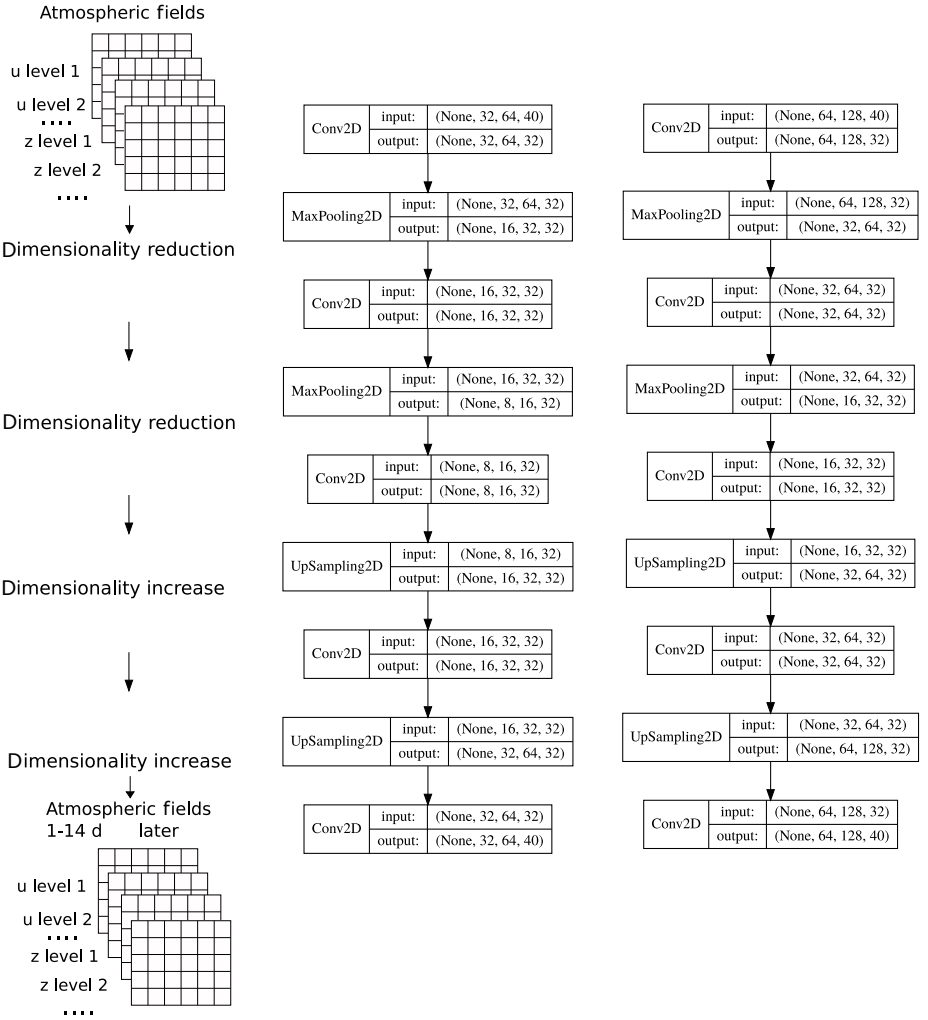
Atmospheric fields
u level 1
u level 2
....
z level 1
z level 2
....
Dimensionality reduction
Dimensionality reduction
Dimensionality increase
Dimensionality increase
Atmospheric fields
1-14 d later
u level 1
u level 2
....
z level 1
z level 2
....
Conv2D input: (None, 32, 64, 40) output: (None, 32, 64, 32)
MaxPooling2D input: (None, 32, 64, 32) output: (None, 16, 32, 32)
Conv2D input: (None, 16, 32, 32) output: (None, 16, 32, 32)
MaxPooling2D input: (None, 16, 32, 32) output: (None, 8, 16, 32)
Conv2D input: (None, 8, 16, 32) output: (None, 8, 16, 32)
UpSampling2D input: (None, 8, 16, 32) output: (None, 16, 32, 32)
Conv2D input: (None, 16, 32, 32) output: (None, 16, 32, 32)
UpSampling2D input: (None, 16, 32, 32) output: (None, 32, 64, 32)
Conv2D input: (None, 32, 64, 32) output: (None, 32, 64, 40)
Conv2D input: (None, 64, 128, 40) output: (None, 64, 128, 32)
MaxPooling2D input: (None, 64, 128, 32) output: (None, 32, 64, 32)
Conv2D input: (None, 32, 64, 32) output: (None, 32, 64, 32)
MaxPooling2D input: (None, 32, 64, 32) output: (None, 16, 32, 32)
Conv2D input: (None, 16, 32, 32) output: (None, 16, 32, 32)
UpSampling2D input: (None, 16, 32, 32) output: (None, 32, 64, 32)
Conv2D input: (None, 32, 64, 32) output: (None, 32, 64, 32)
UpSampling2D input: (None, 32, 64, 32) output: (None, 64, 128, 32)
Conv2D input: (None, 64, 128, 32) output: (None, 64, 128, 40)