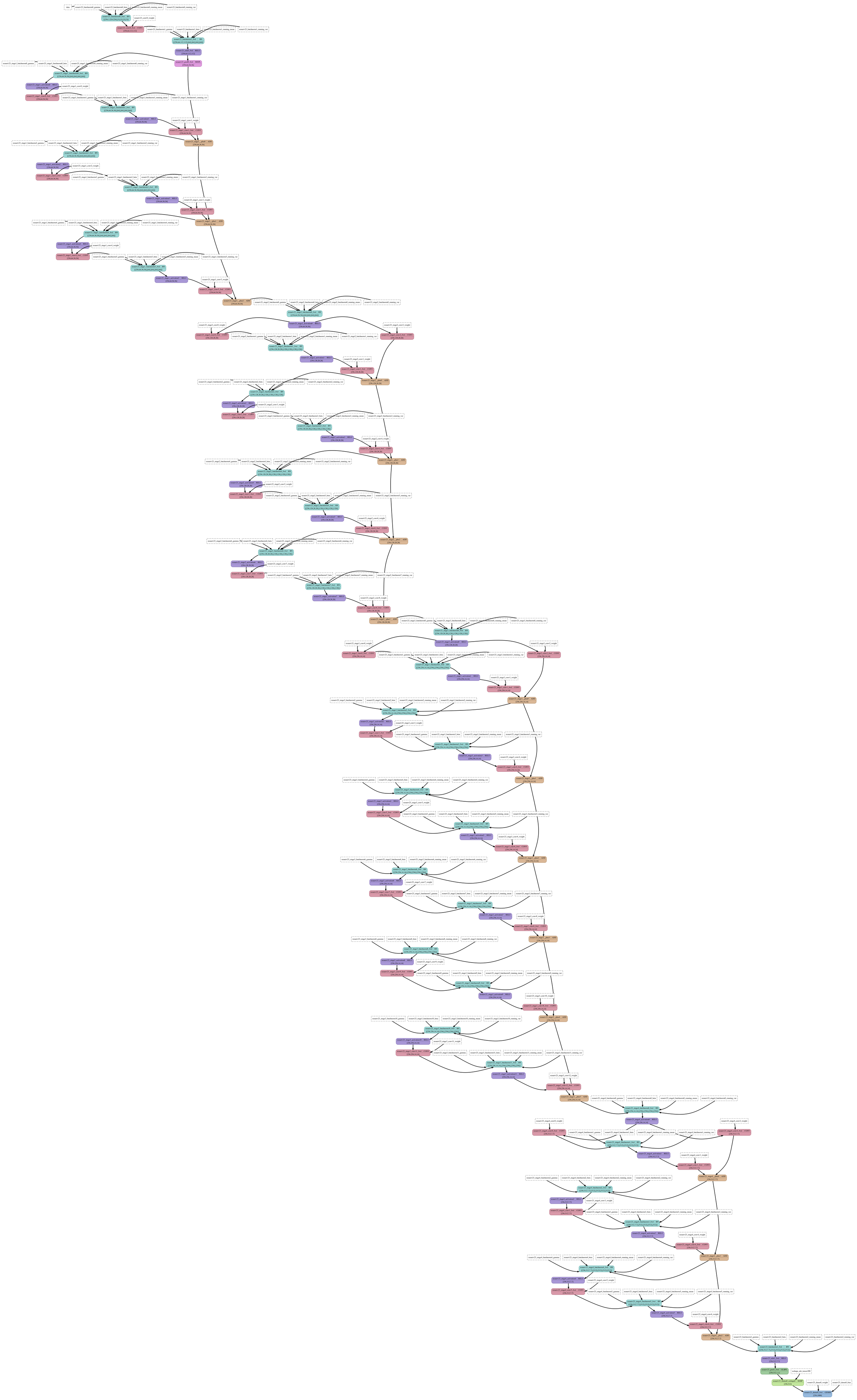
data [256,3,224,224]
resnetv23_batchnorm0_gamma [256]
resnetv23_batchnorm0_beta [256]
resnetv23_batchnorm0_running_mean [256]
resnetv23_batchnorm0_running_var [256]
resnetv23_batchnorm0_fwd BN [[256,3,224,224],[3],[3],[3],[3]]
resnetv23_conv0_weight [64,3,7,7]
resnetv23_conv0_fwd CONV [256,64,112,112]
resnetv23_batchnorm1_gamma [64]
resnetv23_batchnorm1_beta [64]
resnetv23_batchnorm1_running_mean [64]
resnetv23_batchnorm1_running_var [64]
resnetv23_batchnorm1_fwd BN [[256,64,112,112],[64],[64],[64],[64]]
resnetv23_relu0_fwd RELU [256,64,112,112]
resnetv23_pool0_fwd MXPL [256,64,56,56]
resnetv23_stage1_batchnorm0_gamma [64]
resnetv23_stage1_batchnorm0_beta [64]
resnetv23_stage1_batchnorm0_running_mean [64]
resnetv23_stage1_batchnorm0_running_var [64]
resnetv23_stage1_batchnorm0_fwd BN [[256,64,56,56],[64],[64],[64],[64]]
resnetv23_stage1_activation0 RELU [256,64,56,56]
resnetv23_stage1_conv0_weight [64,64,1,1]
resnetv23_stage1_conv0_fwd CONV [256,64,56,56]
resnetv23_stage1_batchnorm1_gamma [64]
resnetv23_stage1_batchnorm1_beta [64]
resnetv23_stage1_batchnorm1_running_mean [64]
resnetv23_stage1_batchnorm1_running_var [64]
resnetv23_stage1_batchnorm1_fwd BN [[256,64,56,56],[64],[64],[64],[64]]
resnetv23_stage1_activation1 RELU [256,64,56,56]
resnetv23_stage1_conv1_weight [64,64,3,3]
resnetv23_stage1_conv1_fwd CONV [256,64,56,56]
resnetv23_stage1__plus0 ADD [256,64,56,56]
resnetv23_stage1_batchnorm2_gamma [64]
resnetv23_stage1_batchnorm2_beta [64]
resnetv23_stage1_batchnorm2_running_mean [64]
resnetv23_stage1_batchnorm2_running_var [64]
resnetv23_stage1_batchnorm2_fwd BN [[256,64,56,56],[64],[64],[64],[64]]
resnetv23_stage1_activation2 RELU [256,64,56,56]
resnetv23_stage1_conv2_weight [64,64,3,3]
resnetv23_stage1_conv2_fwd CONV [256,64,56,56]
resnetv23_stage1_batchnorm3_gamma [64]
resnetv23_stage1_batchnorm3_beta [64]
resnetv23_stage1_batchnorm3_running_mean [64]
resnetv23_stage1_batchnorm3_running_var [64]
resnetv23_stage1_batchnorm3_fwd BN [[256,64,56,56],[64],[64],[64],[64]]
resnetv23_stage1_activation3 RELU [256,64,56,56]
resnetv23_stage1_conv3_weight [64,64,3,3]
resnetv23_stage1_conv3_fwd CONV [256,64,56,56]
resnetv23_stage1__plus1 ADD [256,64,56,56]
resnetv23_stage1_batchnorm4_gamma [64]
resnetv23_stage1_batchnorm4_beta [64]
resnetv23_stage1_batchnorm4_running_mean [64]
resnetv23_stage1_batchnorm4_running_var [64]
resnetv23_stage1_batchnorm4_fwd BN [[256,64,56,56],[64],[64],[64],[64]]
resnetv23_stage1_activation4 RELU [256,64,56,56]
resnetv23_stage1_conv4_weight [64,64,3,3]
resnetv23_stage1_conv4_fwd CONV [256,64,56,56]
resnetv23_stage1_batchnorm5_gamma [64]
resnetv23_stage1_batchnorm5_beta [64]
resnetv23_stage1_batchnorm5_running_mean [64]
resnetv23_stage1_batchnorm5_running_var [64]
resnetv23_stage1_batchnorm5_fwd BN [[256,64,56,56],[64],[64],[64],[64]]
resnetv23_stage1_activation5 RELU [256,64,56,56]
resnetv23_stage1_conv5_weight [64,64,3,3]
resnetv23_stage1_conv5_fwd CONV [256,64,56,56]
resnetv23_stage1__plus2 ADD [256,64,56,56]
resnetv23_stage2_batchnorm0_gamma [64]
resnetv23_stage2_batchnorm0_beta [64]
resnetv23_stage2_batchnorm0_running_mean [64]
resnetv23_stage2_batchnorm0_running_var [64]
resnetv23_stage2_batchnorm0_fwd BN [[256,64,56,56],[64],[64],[64],[64]]
resnetv23_stage2_activation0 RELU [256,64,56,56]
resnetv23_stage2_conv0_weight [128,64,1,1]
resnetv23_stage2_conv2_weight [128,64,3,3]
resnetv23_stage2_conv0_fwd CONV [256,128,28,28]
resnetv23_stage2_batchnorm1_gamma [128]
resnetv23_stage2_batchnorm1_beta [128]
resnetv23_stage2_batchnorm1_running_mean [128]
resnetv23_stage2_batchnorm1_running_var [128]
resnetv23_stage2_batchnorm1_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage2_conv2_fwd CONV [256,128,28,28]
resnetv23_stage2_activation1 RELU [256,128,28,28]
resnetv23_stage2_conv1_weight [128,128,3,3]
resnetv23_stage2_conv1_fwd CONV [256,128,28,28]
resnetv23_stage2__plus0 ADD [256,128,28,28]
resnetv23_stage2_batchnorm2_gamma [128]
resnetv23_stage2_batchnorm2_beta [128]
resnetv23_stage2_batchnorm2_running_mean [128]
resnetv23_stage2_batchnorm2_running_var [128]
resnetv23_stage2_batchnorm2_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage2_activation2 RELU [256,128,28,28]
resnetv23_stage2_conv3_weight [128,128,3,3]
resnetv23_stage2_conv3_fwd CONV [256,128,28,28]
resnetv23_stage2_batchnorm3_gamma [128]
resnetv23_stage2_batchnorm3_beta [128]
resnetv23_stage2_batchnorm3_running_mean [128]
resnetv23_stage2_batchnorm3_running_var [128]
resnetv23_stage2_batchnorm3_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage2_activation3 RELU [256,128,28,28]
resnetv23_stage2_conv4_weight [128,128,3,3]
resnetv23_stage2_conv4_fwd CONV [256,128,28,28]
resnetv23_stage2__plus1 ADD [256,128,28,28]
resnetv23_stage2_batchnorm4_gamma [128]
resnetv23_stage2_batchnorm4_beta [128]
resnetv23_stage2_batchnorm4_running_mean [128]
resnetv23_stage2_batchnorm4_running_var [128]
resnetv23_stage2_batchnorm4_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage2_activation4 RELU [256,128,28,28]
resnetv23_stage2_conv5_weight [128,128,3,3]
resnetv23_stage2_conv5_fwd CONV [256,128,28,28]
resnetv23_stage2_batchnorm5_gamma [128]
resnetv23_stage2_batchnorm5_beta [128]
resnetv23_stage2_batchnorm5_running_mean [128]
resnetv23_stage2_batchnorm5_running_var [128]
resnetv23_stage2_batchnorm5_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage2_activation5 RELU [256,128,28,28]
resnetv23_stage2_conv6_weight [128,128,3,3]
resnetv23_stage2_conv6_fwd CONV [256,128,28,28]
resnetv23_stage2__plus2 ADD [256,128,28,28]
resnetv23_stage2_batchnorm6_gamma [128]
resnetv23_stage2_batchnorm6_beta [128]
resnetv23_stage2_batchnorm6_running_mean [128]
resnetv23_stage2_batchnorm6_running_var [128]
resnetv23_stage2_batchnorm6_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage2_activation6 RELU [256,128,28,28]
resnetv23_stage2_conv7_weight [128,128,3,3]
resnetv23_stage2_conv7_fwd CONV [256,128,28,28]
resnetv23_stage2_batchnorm7_gamma [128]
resnetv23_stage2_batchnorm7_beta [128]
resnetv23_stage2_batchnorm7_running_mean [128]
resnetv23_stage2_batchnorm7_running_var [128]
resnetv23_stage2_batchnorm7_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage2_activation7 RELU [256,128,28,28]
resnetv23_stage2_conv8_weight [128,128,3,3]
resnetv23_stage2_conv8_fwd CONV [256,128,28,28]
resnetv23_stage2__plus3 ADD [256,128,28,28]
resnetv23_stage3_batchnorm0_gamma [128]
resnetv23_stage3_batchnorm0_beta [128]
resnetv23_stage3_batchnorm0_running_mean [128]
resnetv23_stage3_batchnorm0_running_var [128]
resnetv23_stage3_batchnorm0_fwd BN [[256,128,28,28],[128],[128],[128],[128]]
resnetv23_stage3_activation0 RELU [256,128,28,28]
resnetv23_stage3_conv0_weight [256,128,1,1]
resnetv23_stage3_conv0_fwd CONV [256,256,14,14]
resnetv23_stage3_batchnorm1_gamma [256]
resnetv23_stage3_batchnorm1_beta [256]
resnetv23_stage3_batchnorm1_running_mean [256]
resnetv23_stage3_batchnorm1_running_var [256]
resnetv23_stage3_batchnorm1_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation1 RELU [256,256,14,14]
resnetv23_stage3_conv1_weight [256,256,3,3]
resnetv23_stage3_conv1_fwd CONV [256,256,14,14]
resnetv23_stage3__plus0 ADD [256,256,14,14]
resnetv23_stage3_batchnorm2_gamma [256]
resnetv23_stage3_batchnorm2_beta [256]
resnetv23_stage3_batchnorm2_running_mean [256]
resnetv23_stage3_batchnorm2_running_var [256]
resnetv23_stage3_batchnorm2_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation2 RELU [256,256,14,14]
resnetv23_stage3_conv3_weight [256,256,3,3]
resnetv23_stage3_conv3_fwd CONV [256,256,14,14]
resnetv23_stage3_batchnorm3_gamma [256]
resnetv23_stage3_batchnorm3_beta [256]
resnetv23_stage3_batchnorm3_running_mean [256]
resnetv23_stage3_batchnorm3_running_var [256]
resnetv23_stage3_batchnorm3_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation3 RELU [256,256,14,14]
resnetv23_stage3_conv4_weight [256,256,3,3]
resnetv23_stage3_conv4_fwd CONV [256,256,14,14]
resnetv23_stage3__plus1 ADD [256,256,14,14]
resnetv23_stage3_batchnorm4_gamma [256]
resnetv23_stage3_batchnorm4_beta [256]
resnetv23_stage3_batchnorm4_running_mean [256]
resnetv23_stage3_batchnorm4_running_var [256]
resnetv23_stage3_batchnorm4_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation4 RELU [256,256,14,14]
resnetv23_stage3_conv5_weight [256,256,3,3]
resnetv23_stage3_conv5_fwd CONV [256,256,14,14]
resnetv23_stage3_batchnorm5_gamma [256]
resnetv23_stage3_batchnorm5_beta [256]
resnetv23_stage3_batchnorm5_running_mean [256]
resnetv23_stage3_batchnorm5_running_var [256]
resnetv23_stage3_batchnorm5_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation5 RELU [256,256,14,14]
resnetv23_stage3_conv6_weight [256,256,3,3]
resnetv23_stage3_conv6_fwd CONV [256,256,14,14]
resnetv23_stage3__plus2 ADD [256,256,14,14]
resnetv23_stage3_batchnorm6_gamma [256]
resnetv23_stage3_batchnorm6_beta [256]
resnetv23_stage3_batchnorm6_running_mean [256]
resnetv23_stage3_batchnorm6_running_var [256]
resnetv23_stage3_batchnorm6_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation6 RELU [256,256,14,14]
resnetv23_stage3_conv7_weight [256,256,3,3]
resnetv23_stage3_conv7_fwd CONV [256,256,14,14]
resnetv23_stage3_batchnorm7_gamma [256]
resnetv23_stage3_batchnorm7_beta [256]
resnetv23_stage3_batchnorm7_running_mean [256]
resnetv23_stage3_batchnorm7_running_var [256]
resnetv23_stage3_batchnorm7_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation7 RELU [256,256,14,14]
resnetv23_stage3_conv8_weight [256,256,3,3]
resnetv23_stage3_conv8_fwd CONV [256,256,14,14]
resnetv23_stage3__plus3 ADD [256,256,14,14]
resnetv23_stage3_batchnorm8_gamma [256]
resnetv23_stage3_batchnorm8_beta [256]
resnetv23_stage3_batchnorm8_running_mean [256]
resnetv23_stage3_batchnorm8_running_var [256]
resnetv23_stage3_batchnorm8_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation8 RELU [256,256,14,14]
resnetv23_stage3_conv9_weight [256,256,3,3]
resnetv23_stage3_conv9_fwd CONV [256,256,14,14]
resnetv23_stage3_batchnorm9_gamma [256]
resnetv23_stage3_batchnorm9_beta [256]
resnetv23_stage3_batchnorm9_running_mean [256]
resnetv23_stage3_batchnorm9_running_var [256]
resnetv23_stage3_batchnorm9_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation9 RELU [256,256,14,14]
resnetv23_stage3_conv10_weight [256,256,3,3]
resnetv23_stage3_conv10_fwd CONV [256,256,14,14]
resnetv23_stage3__plus4 ADD [256,256,14,14]
resnetv23_stage3_batchnorm10_gamma [256]
resnetv23_stage3_batchnorm10_beta [256]
resnetv23_stage3_batchnorm10_running_mean [256]
resnetv23_stage3_batchnorm10_running_var [256]
resnetv23_stage3_batchnorm10_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation10 RELU [256,256,14,14]
resnetv23_stage3_conv11_weight [256,256,3,3]
resnetv23_stage3_conv11_fwd CONV [256,256,14,14]
resnetv23_stage3_batchnorm11_gamma [256]
resnetv23_stage3_batchnorm11_beta [256]
resnetv23_stage3_batchnorm11_running_mean [256]
resnetv23_stage3_batchnorm11_running_var [256]
resnetv23_stage3_batchnorm11_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage3_activation11 RELU [256,256,14,14]
resnetv23_stage3_conv12_weight [256,256,3,3]
resnetv23_stage3_conv12_fwd CONV [256,256,14,14]
resnetv23_stage3__plus5 ADD [256,256,14,14]
resnetv23_stage4_batchnorm0_gamma [256]
resnetv23_stage4_batchnorm0_beta [256]
resnetv23_stage4_batchnorm0_running_mean [256]
resnetv23_stage4_batchnorm0_running_var [256]
resnetv23_stage4_batchnorm0_fwd BN [[256,256,14,14],[256],[256],[256],[256]]
resnetv23_stage4_activation0 RELU [256,256,14,14]
resnetv23_stage4_conv0_weight [512,256,1,1]
resnetv23_stage4_conv0_fwd CONV [256,512,7,7]
resnetv23_stage4_batchnorm1_gamma [512]
resnetv23_stage4_batchnorm1_beta [512]
resnetv23_stage4_batchnorm1_running_mean [512]
resnetv23_stage4_batchnorm1_running_var [512]
resnetv23_stage4_batchnorm1_fwd BN [[256,512,7,7],[512],[512],[512],[512]]
resnetv23_stage4_activation1 RELU [256,512,7,7]
resnetv23_stage4_conv1_weight [512,512,3,3]
resnetv23_stage4_conv1_fwd CONV [256,512,7,7]
resnetv23_stage4_conv2_weight [512,256,1,1]
resnetv23_stage4_conv2_fwd CONV [256,512,7,7]
resnetv23_stage4__plus0 ADD [256,512,7,7]
resnetv23_stage4_batchnorm2_gamma [512]
resnetv23_stage4_batchnorm2_beta [512]
resnetv23_stage4_batchnorm2_running_mean [512]
resnetv23_stage4_batchnorm2_running_var [512]
resnetv23_stage4_batchnorm2_fwd BN [[256,512,7,7],[512],[512],[512],[512]]
resnetv23_stage4_activation2 RELU [256,512,7,7]
resnetv23_stage4_conv3_weight [512,512,3,3]
resnetv23_stage4_conv3_fwd CONV [256,512,7,7]
resnetv23_stage4_batchnorm3_gamma [512]
resnetv23_stage4_batchnorm3_beta [512]
resnetv23_stage4_batchnorm3_running_mean [512]
resnetv23_stage4_batchnorm3_running_var [512]
resnetv23_stage4_batchnorm3_fwd BN [[256,512,7,7],[512],[512],[512],[512]]
resnetv23_stage4_activation3 RELU [256,512,7,7]
resnetv23_stage4_conv4_weight [512,512,3,3]
resnetv23_stage4_conv4_fwd CONV [256,512,7,7]
resnetv23_stage4__plus1 ADD [256,512,7,7]
resnetv23_stage4_batchnorm4_gamma [512]
resnetv23_stage4_batchnorm4_beta [512]
resnetv23_stage4_batchnorm4_running_mean [512]
resnetv23_stage4_batchnorm4_running_var [512]
resnetv23_stage4_batchnorm4_fwd BN [[256,512,7,7],[512],[512],[512],[512]]
resnetv23_stage4_activation4 RELU [256,512,7,7]
resnetv23_stage4_conv5_weight [512,512,3,3]
resnetv23_stage4_conv5_fwd CONV [256,512,7,7]
resnetv23_stage4_batchnorm5_gamma [512]
resnetv23_stage4_batchnorm5_beta [512]
resnetv23_stage4_batchnorm5_running_mean [512]
resnetv23_stage4_batchnorm5_running_var [512]
resnetv23_stage4_batchnorm5_fwd BN [[256,512,7,7],[512],[512],[512],[512]]
resnetv23_stage4_activation5 RELU [256,512,7,7]
resnetv23_stage4_conv6_weight [512,512,3,3]
resnetv23_stage4_conv6_fwd CONV [256,512,7,7]
resnetv23_stage4__plus2 ADD [256,512,7,7]
resnetv23_batchnorm2_gamma [512]
resnetv23_batchnorm2_beta [512]
resnetv23_batchnorm2_running_mean [512]
resnetv23_batchnorm2_running_var [512]
resnetv23_batchnorm2_fwd BN [[256,512,7,7],[512],[512],[512],[512]]
resnetv23_relu1_fwd RELU [256,512,7,7]
resnetv23_pool1_fwd GLBPL [256,512,1,1]
reshape_attr_tensor300 [2]
resnetv23_flatten0_reshape0 RSHP [256,512]
resnetv23_dense0_weight [1000,512]
resnetv23_dense0_bias [1000]
resnetv23_dense0_fwd GEMM [256,1000]