

sub \$0x18,%rsp  
mov 0x18(%rdi),%rax  
mov (%rax),%r8d  
test %r8d,%r8d  
jle 0x7fffe838d49e <\_pocl\_kernel\_mvt\_kernel1\_workgroup+590>

No JumpJump

mov (%rdi),%rax  
mov 0x8(%rdi),%rcx  
mov (%rax),%rax  
mov (%rcx),%rcx  
mov 0x10(%rdi),%rsi  
mov (%rsi),%rsi  
shl \$0x5,%rdx  
vmovq %rdx,%xmm0  
vpbroadcastq %xmm0,%ymm0  
vmovdqu %ymm0,-0x20(%rsp)  
vmovd %r8d,%xmm1  
vpbroadcastd %xmm1,%ymm0  
vmovdqu %ymm0,-0x40(%rsp)  
vmovq %r8,%xmm2  
vpbroadcastq %xmm2,%ymm2  
vmovdqa 0xd52(%rip),%ymm3 # 0x7fffe838e000  
vmovdqa 0xd6a(%rip),%ymm4 # 0x7fffe838e020  
xor %edx,%edx  
vmovq %rcx,%xmm6  
vpbroadcastq %xmm6,%ymm0  
vmovdqu %ymm0,-0x60(%rsp)  
vpcmpeqd %ymm7,%ymm7,%ymm7  
vpbroadcastq 0xd8b(%rip),%ymm0 # 0x7fffe838e060  
vmovdqu %ymm0,-0x80(%rsp)  
nopl 0x0(%rax,%rax,1)

vmovdqu -0x20(%rsp),%ymm0  
vpaddq %ymm0,%ymm3,%ymm9  
vpaddq %ymm0,%ymm4,%ymm10  
vmovdqa 0xd4a(%rip),%ymm0 # 0x7fffe838e040  
vpermd %ymm10,%ymm0,%ymm11  
vpermd %ymm9,%ymm0,%ymm12  
vinserti128 \$0x1,%xmm12,%ymm11,%ymm11  
vpmulld -0x40(%rsp),%ymm11,%ymm12  
vpsllq \$0x20,%ymm9,%ymm11  
vpsllq \$0x20,%ymm10,%ymm9  
vpsrad \$0x1f,%ymm9,%ymm10  
vpshufd \$0xf5,%ymm9,%ymm13  
vpblendd \$0xaa,%ymm10,%ymm13,%ymm13  
vpsrad \$0x1f,%ymm11,%ymm10  
vpshufd \$0xf5,%ymm11,%ymm14  
vpblendd \$0xaa,%ymm10,%ymm14,%ymm14  
vpsrad \$0x1e,%ymm9,%ymm10  
vpsrlq \$0x1e,%ymm9,%ymm9  
vpblendd \$0xaa,%ymm10,%ymm9,%ymm9  
vmovdqu -0x60(%rsp),%ymm0  
vpaddq %ymm0,%ymm9,%ymm9  
vpsrad \$0x1e,%ymm11,%ymm10  
vpsrlq \$0x1e,%ymm11,%ymm11  
vpblendd \$0xaa,%ymm10,%ymm11,%ymm10  
vpaddq %ymm0,%ymm10,%ymm10  
vpcmpeqd %xmm1,%xmm1,%xmm1  
vgatherqps %xmm1,(%rcx,%ymm14,4),%xmm5  
vpcmpeqd %xmm1,%xmm1,%xmm1  
vgatherqps %xmm1,(%rcx,%ymm13,4),%xmm14  
vextracti128 \$0x1,%ymm12,%xmm1  
vpmovsxdq %xmm1,%ymm11  
vpmovsxdq %xmm12,%ymm12  
vinsertf128 \$0x1,%xmm5,%ymm14,%ymm13  
vxorps %xmm14,%xmm14,%xmm14  
vpxor %xmm15,%xmm15,%xmm15  
nopw %cs:0x0(%rax,%rax,1)  
nopl (%rax)

vpaddq %ymm12,%ymm14,%ymm1  
vpaddq %ymm11,%ymm15,%ymm5  
vpcmpeqd %xmm0,%xmm0,%xmm0  
vgatherqps %xmm0,(%rax,%ymm5,4),%xmm6  
vpcmpeqd %xmm0,%xmm0,%xmm0  
vgatherqps %xmm0,(%rax,%ymm1,4),%xmm5  
vpcmpeqd %xmm0,%xmm0,%xmm0  
vgatherqps %xmm0,(%rsi,%ymm15,4),%xmm1  
vpcmpeqd %xmm0,%xmm0,%xmm0  
vgatherqps %xmm0,(%rsi,%ymm14,4),%xmm8  
vinsertf128 \$0x1,%xmm6,%ymm5,%ymm0  
vinsertf128 \$0x1,%xmm1,%ymm8,%ymm1  
vfmadd231ps %ymm1,%ymm0,%ymm13  
vmovq %xmm9,%rdi  
vmovss %xmm13,(%rdi)  
vpextrq \$0x1,%xmm9,%rdi  
vextractps \$0x1,%xmm13,(%rdi)  
vextracti128 \$0x1,%ymm9,%xmm0  
vmovq %xmm0,%rdi  
vextractps \$0x2,%xmm13,(%rdi)  
vpextrq \$0x1,%xmm0,%rdi  
vextractps \$0x3,%xmm13,(%rdi)  
vextractf128 \$0x1,%ymm13,%xmm0  
vmovq %xmm10,%rdi  
vmovss %xmm0,(%rdi)  
vpextrq \$0x1,%xmm10,%rdi  
vextractps \$0x1,%xmm0,(%rdi)  
vextracti128 \$0x1,%ymm10,%xmm1  
vmovq %xmm1,%rdi  
vextractps \$0x2,%xmm0,(%rdi)  
vpextrq \$0x1,%xmm1,%rdi  
vextractps \$0x3,%xmm0,(%rdi)  
vpsubq %ymm7,%ymm15,%ymm15  
vpsubq %ymm7,%ymm14,%ymm14  
vpcmpeqq %xmm2,%xmm14,%xmm0  
vpackssdw %xmm0,%xmm0,%xmm0  
vpackssdw %xmm0,%xmm0,%xmm0  
vpextrb \$0x0,%xmm0,%edi  
test \$0x1,%dil  
je 0x7fffe838d3b0 <\_pocl\_kernel\_mvt\_kernel1\_workgroup+352>

No JumpJump

add \$0x8,%rdx  
vmovdqu -0x80(%rsp),%ymm0  
vpaddq %ymm0,%ymm4,%ymm4  
vpaddq %ymm0,%ymm3,%ymm3  
cmp \$0x20,%rdx  
jne 0x7fffe838d2e0 <\_pocl\_kernel\_mvt\_kernel1\_workgroup+144>

No JumpJump

add \$0x18,%rsp  
vzeroupper  
ret