

# 練習実験報告

肖宇笑

May 16, 2024

# Contents

Glavano Sepctrum

REMPI scan

- Selected peaks

- Radius and angular distributions

- Peak assignments

# Contents

## Glavano Sepctrum

### REMPI scan

Selected peaks

Radius and angular distributions

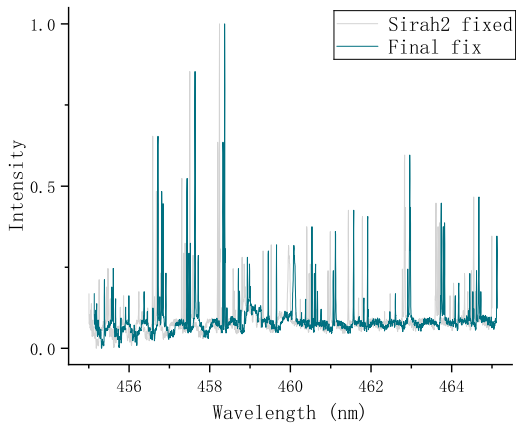
Peak assignments

# Glavano Sepctrum



**Fig. 1:** Wavelen. correction

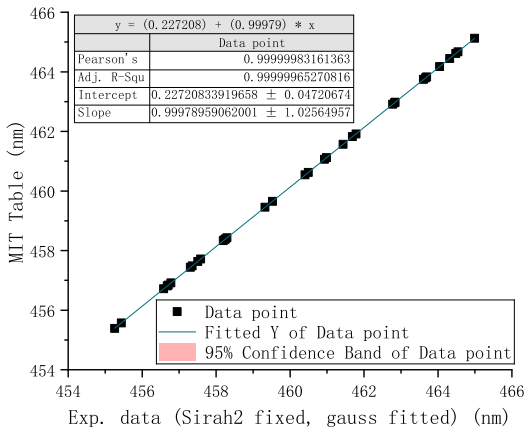
# Glavano Sepctrum



**Fig. 1:** Wavelen. correction

# Glavano Sepctrum

## Correction



**Fig. 2:** Correction function

# Contents

Glavano Sepctrum

REMPI scan

- Selected peaks

- Radius and angular distributions

- Peak assignments

# Contents

Glavano Sepctrum

REMPI scan

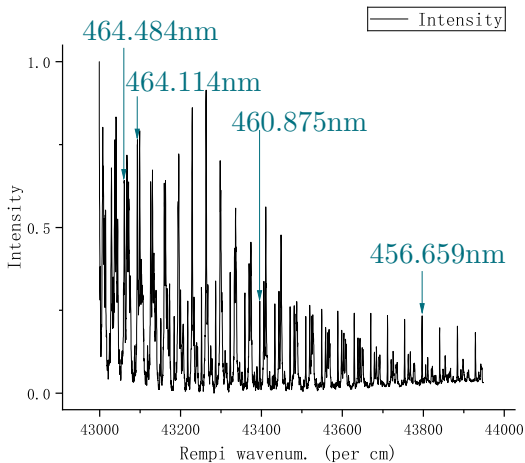
- Selected peaks

- Radius and angular distributions

- Peak assignments



# Selected peaks



# Contents

Glavano Sepctrum

REMPI scan

- Selected peaks

- Radius and angular distributions

- Peak assignments

# Contents

Glavano Sepctrum

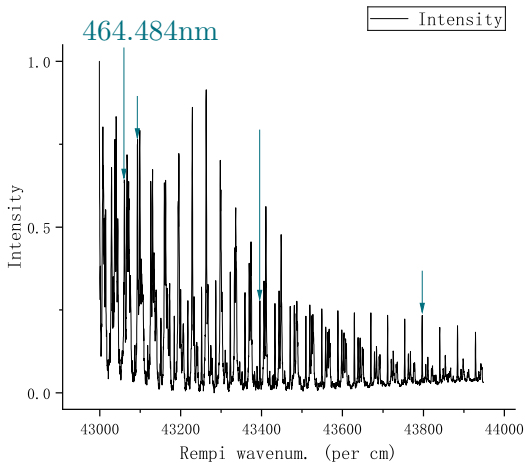
REMPI scan

Selected peaks

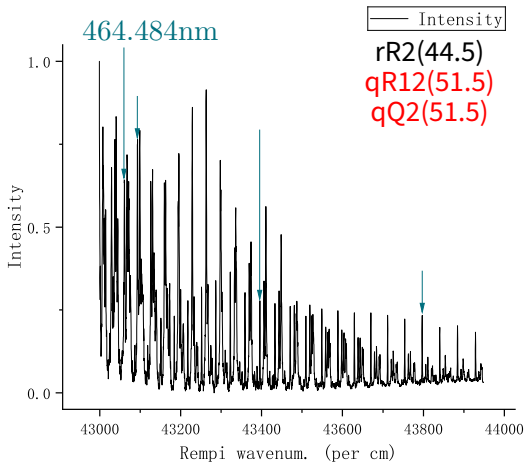
Radius and angular distributions

Peak assignments

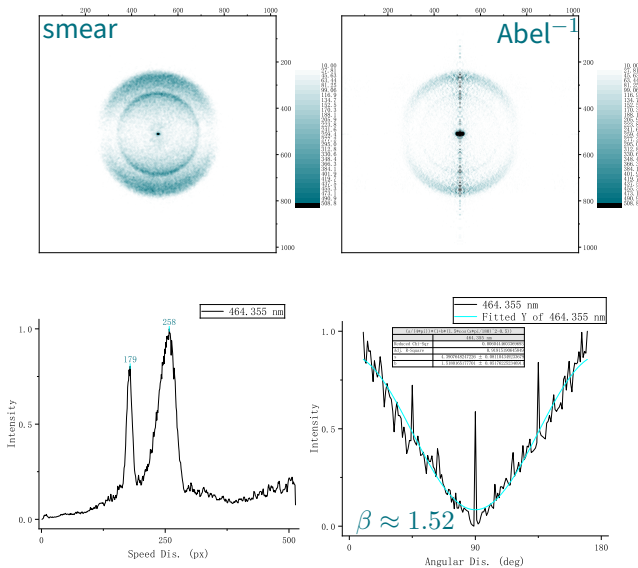
# Peak 1



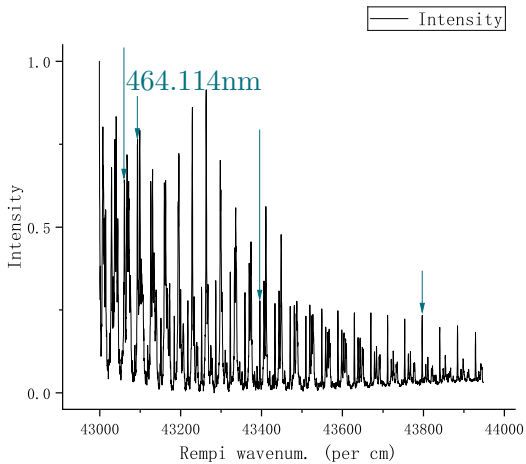
# Peak 1



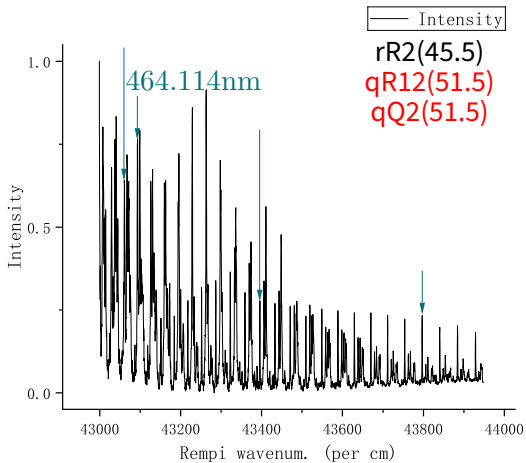
# Peak 1



## Peak 2

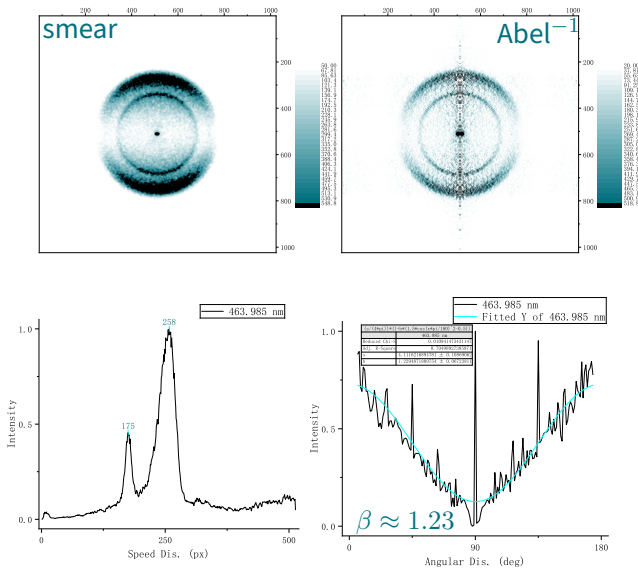


## Peak 2

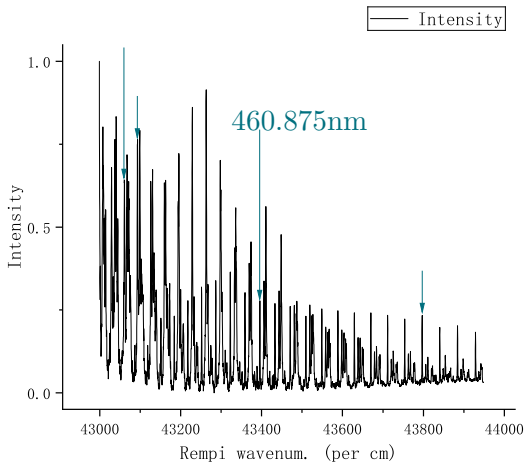




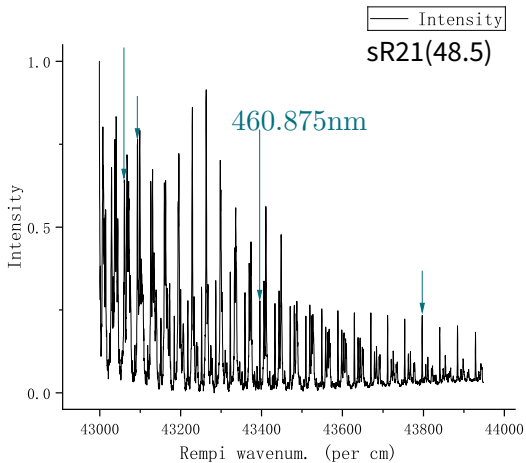
# Peak 2



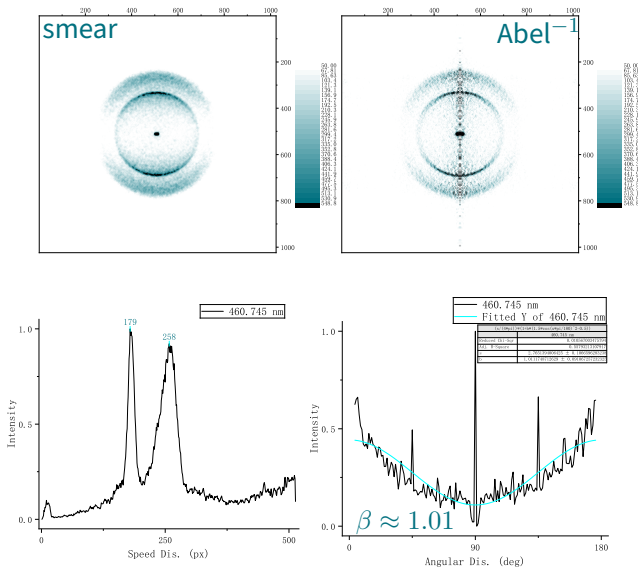
## Peak 3



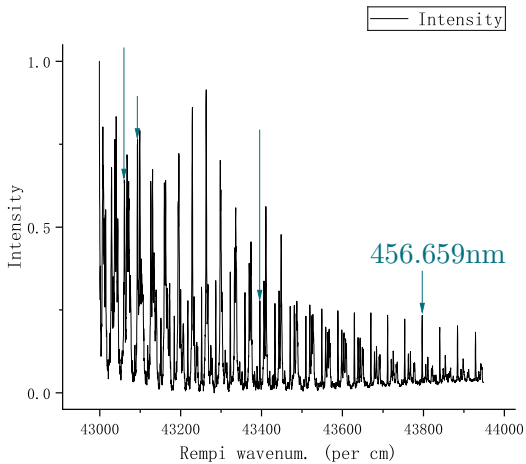
## Peak 3



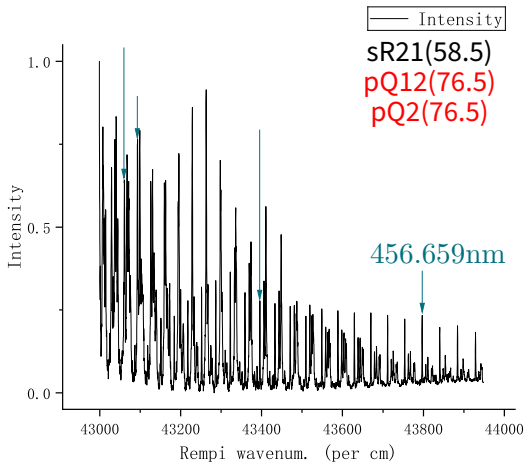
# Peak 3



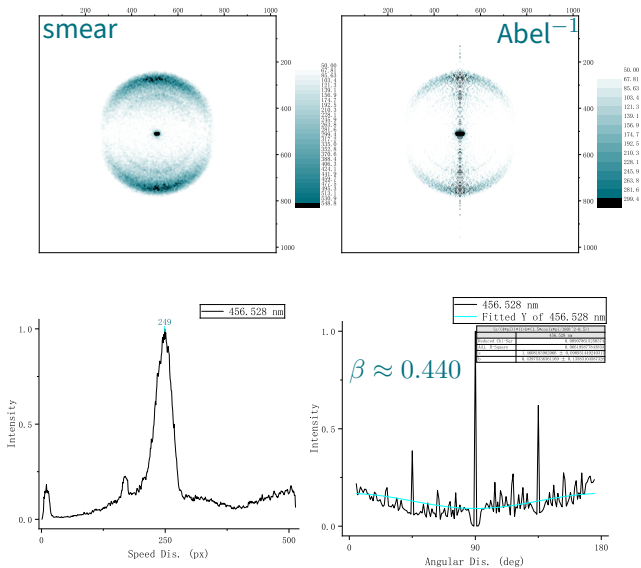
## Peak 4



# Peak 4



# Peak 4



# Contents

Glavano Sepctrum

REMPI scan

Selected peaks

Radius and angular distributions

Peak assignments



# Contents

Glavano Sepctrum

REMPI scan

Selected peaks

Radius and angular distributions

Peak assignments

# Peak assignments

464.484nm $\approx 43058.49\text{cm}^{-1}$	464.114nm $\approx 43092.81\text{cm}^{-1}$	460.875nm $\approx 43395.69\text{cm}^{-1}$	456.659nm $\approx 43796.34\text{cm}^{-1}$
px=258	px=258	px=258	px=249
rR2 44.5 qR12 51.5 qQ2 51.5	rR2 45.5 qR12 51.5 qQ2 51.5	sR21 48.5	sR21 58.5 pQ12 76.5 pP2 76.5

## Notice

Colored assignments are mismatched, and will not be used to calculate.