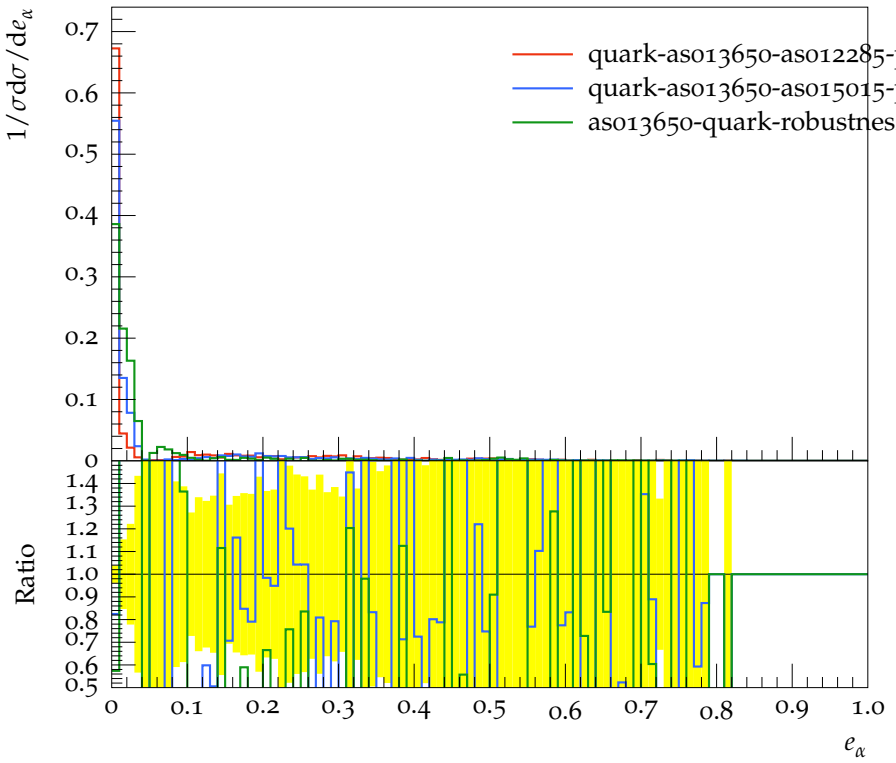
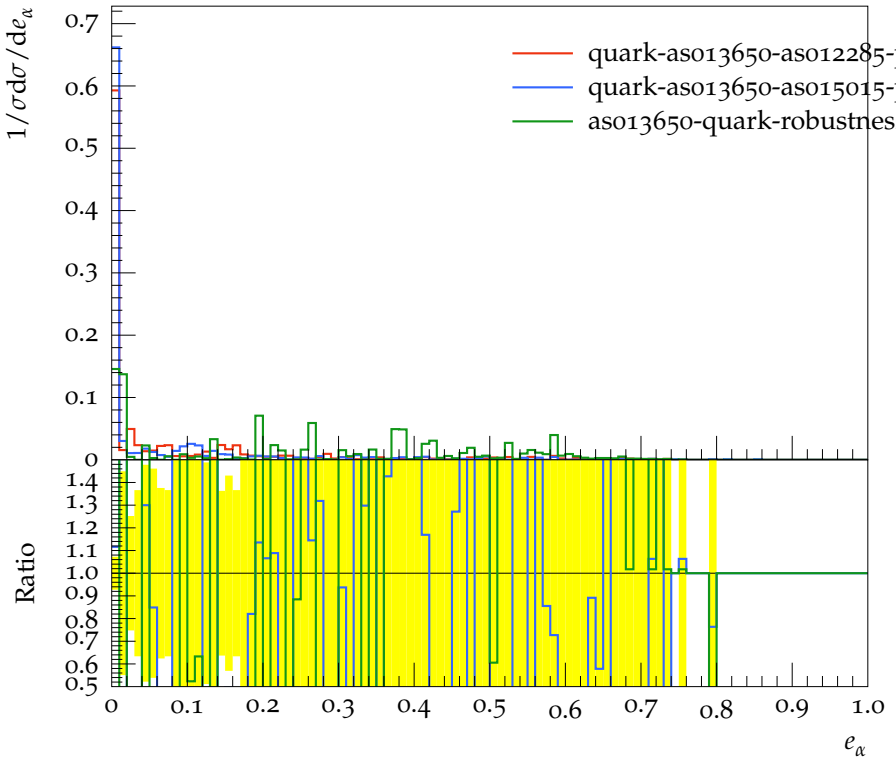


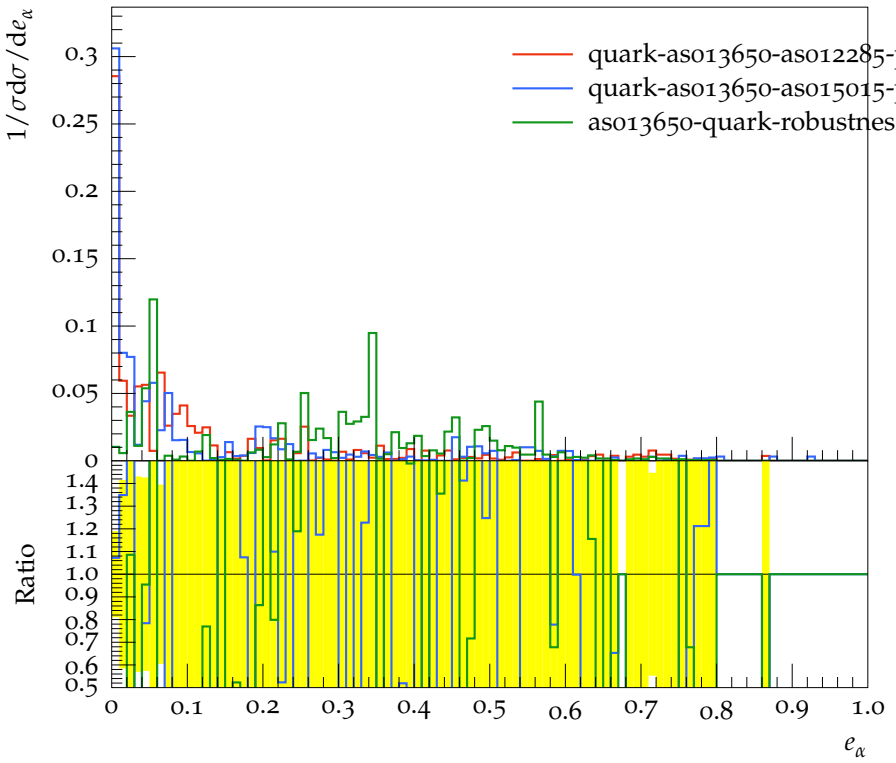
Angularity, $\alpha = 0.5$ $z_{cut} = 0.05$ $\beta = 0$



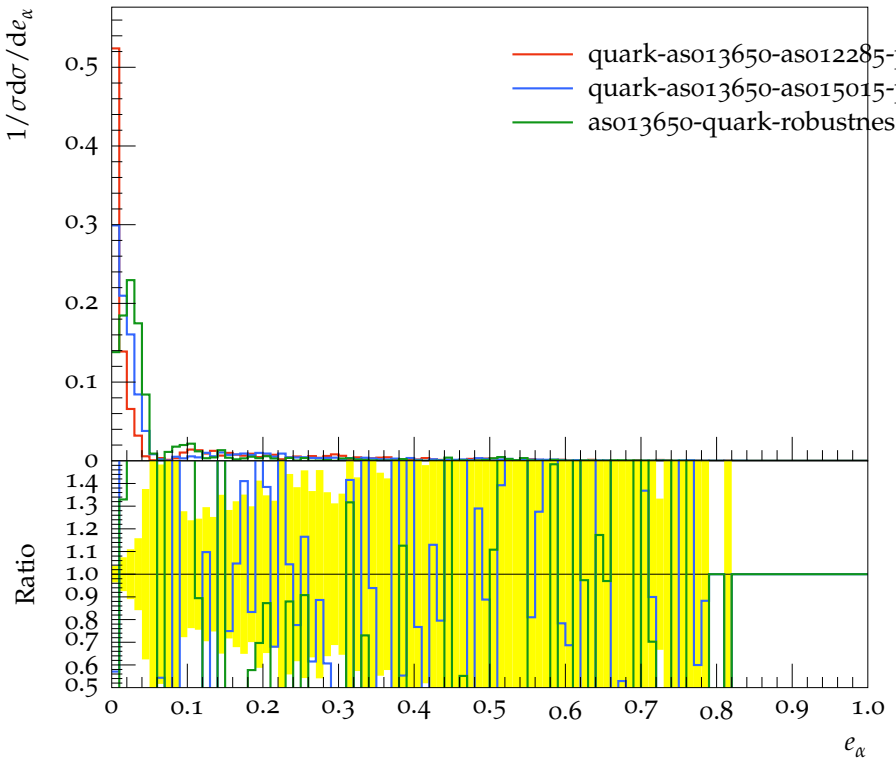
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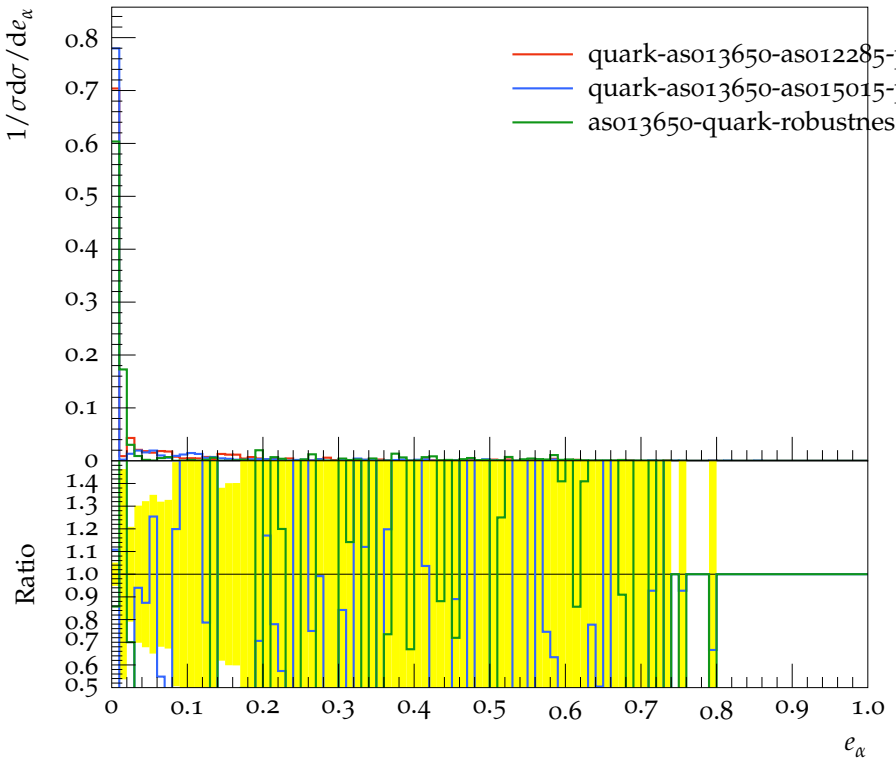
Angularity, $\alpha = 2$ $z_{cut} = 0.05$ $\beta = 0$



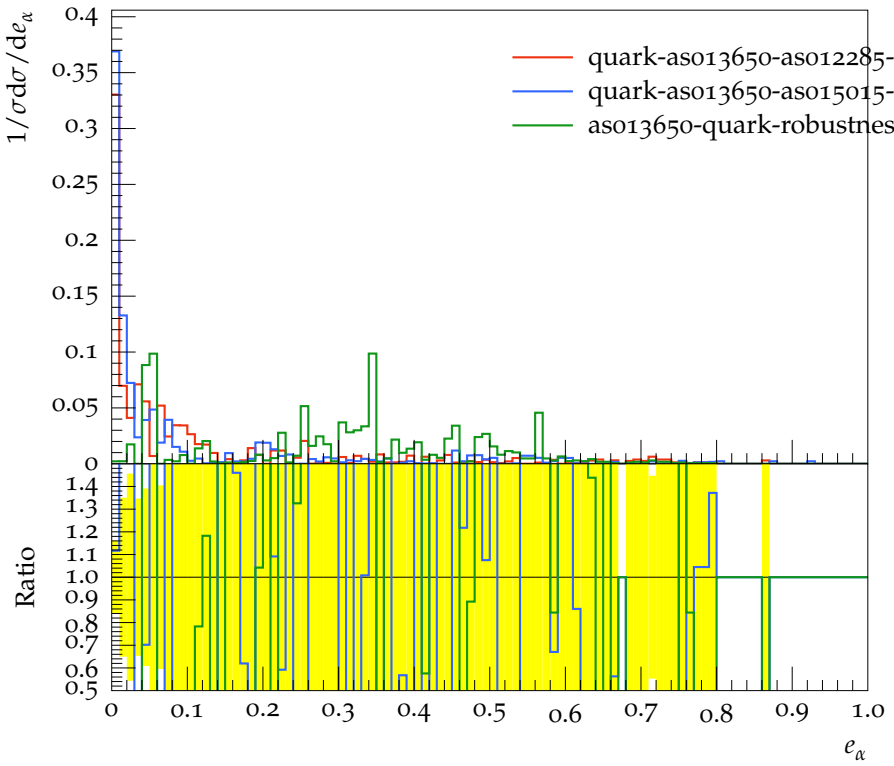
Angularity, $\alpha = 0.5$ $z_{cut} = 0.05$ $\beta = 1$



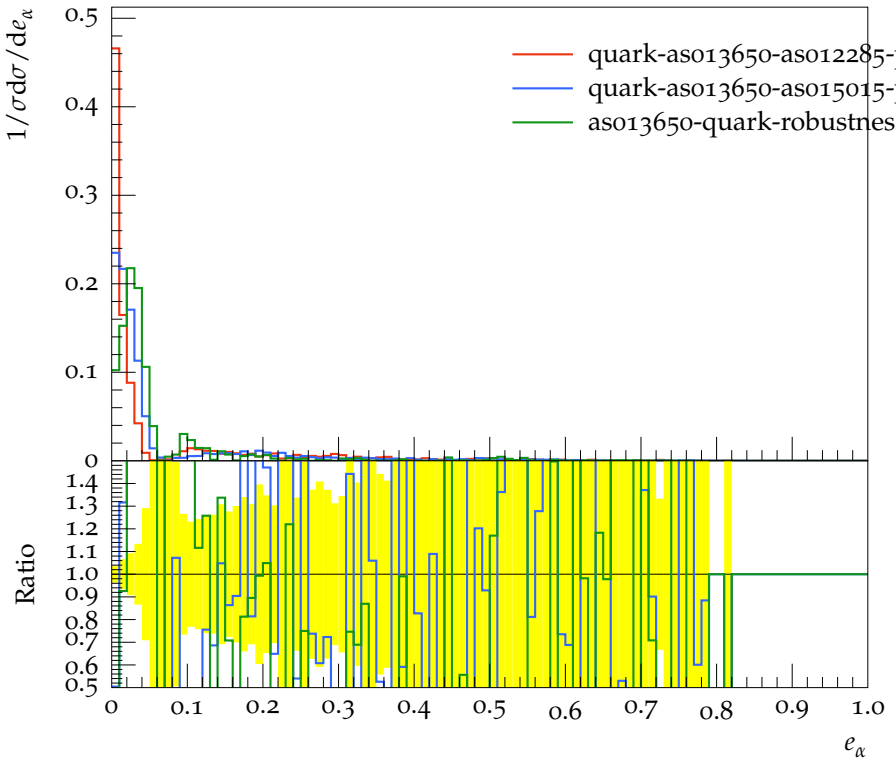
Angularity, $\alpha = 1$ $z_{cut} = 0.05$ $\beta = 1$



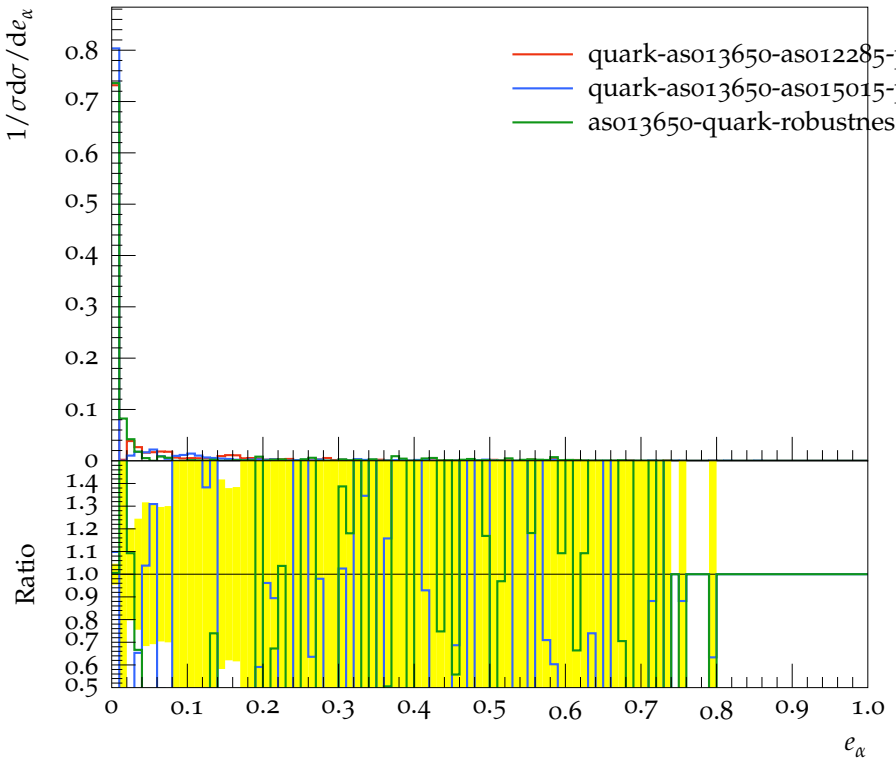
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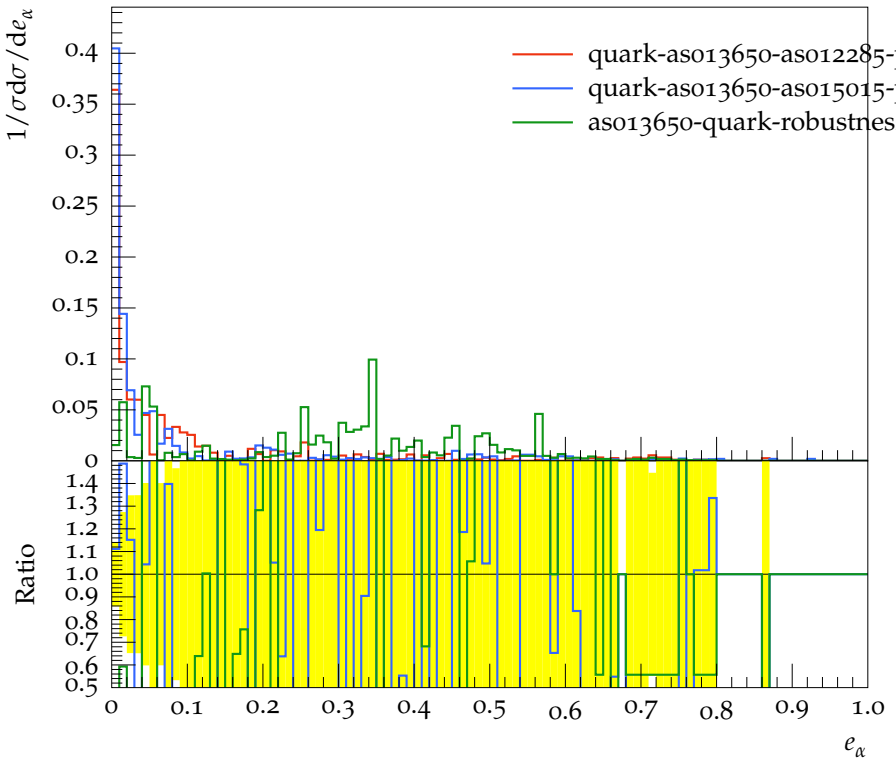
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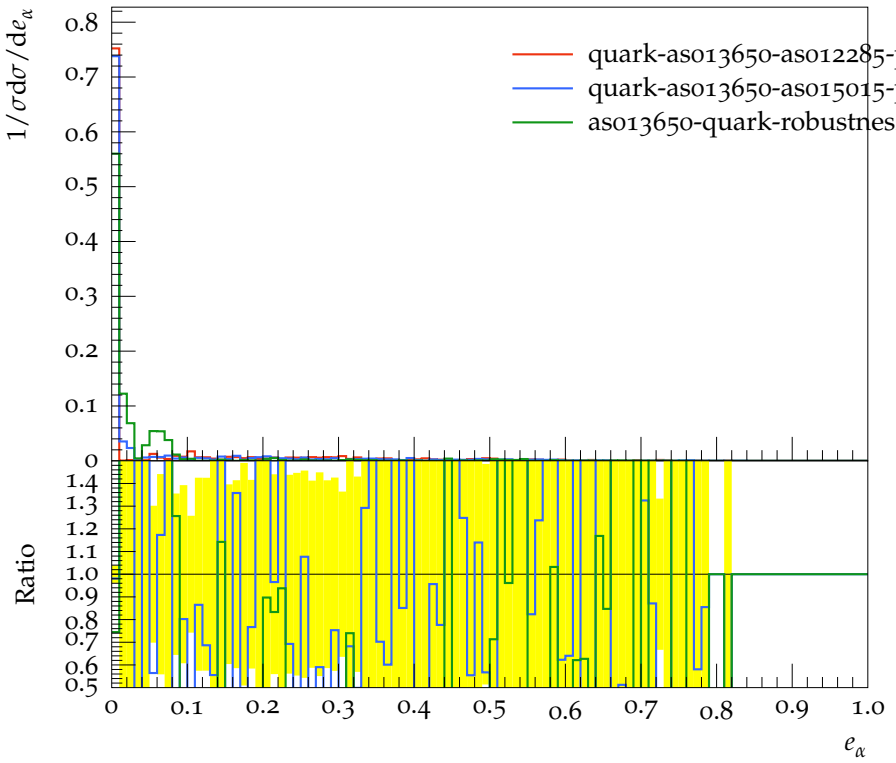
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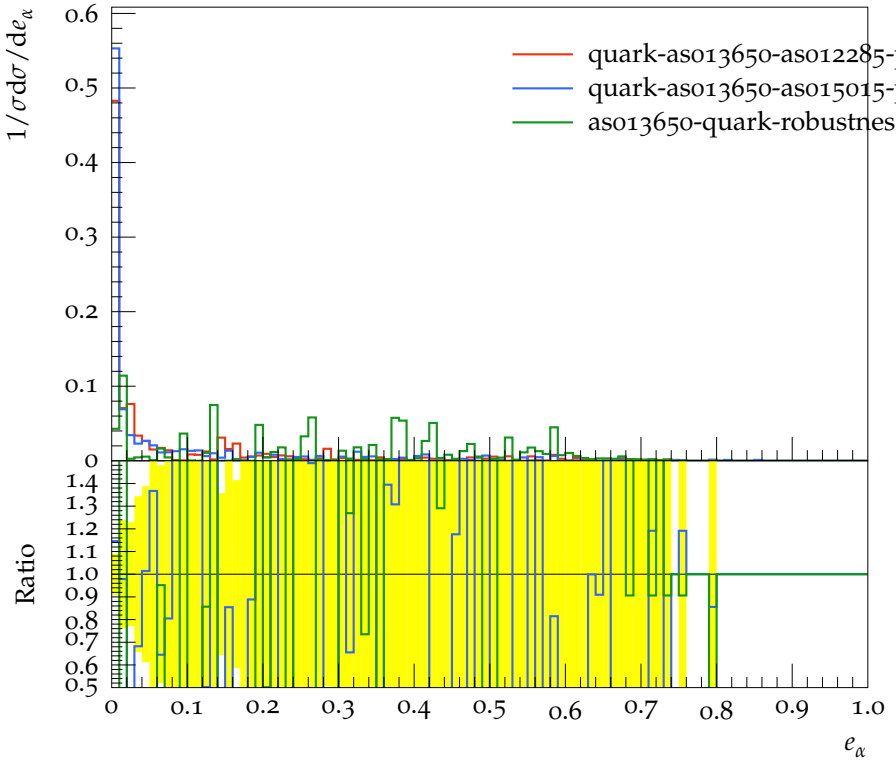
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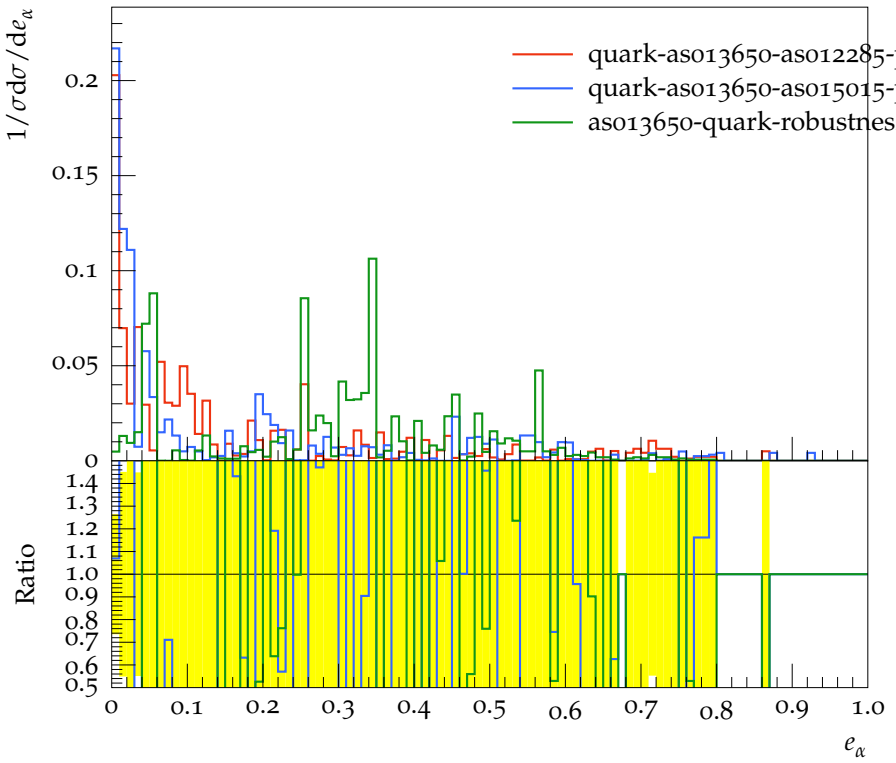
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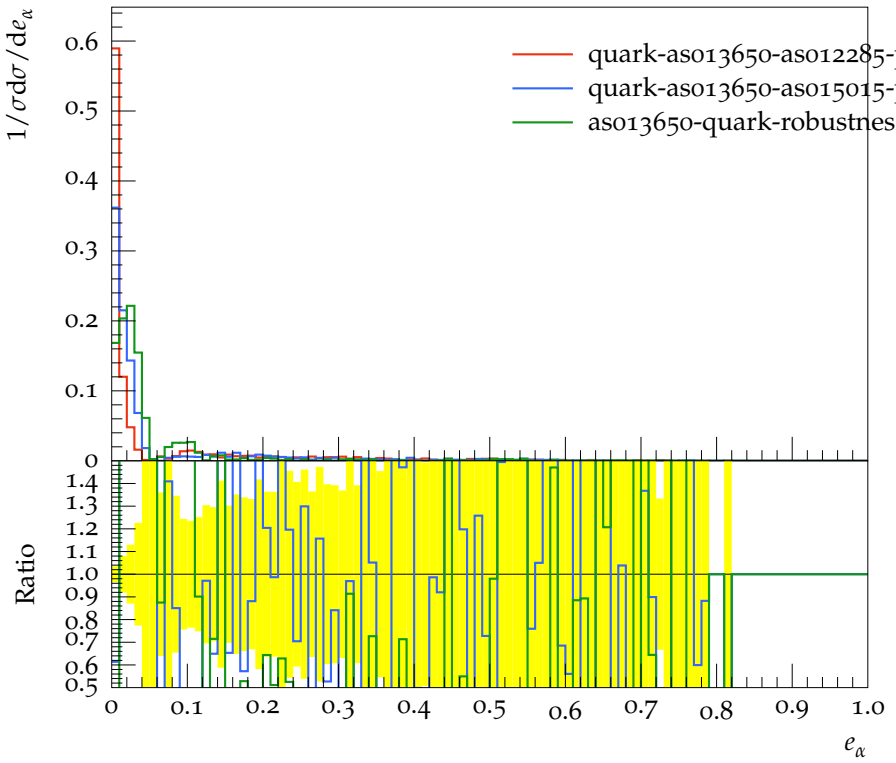
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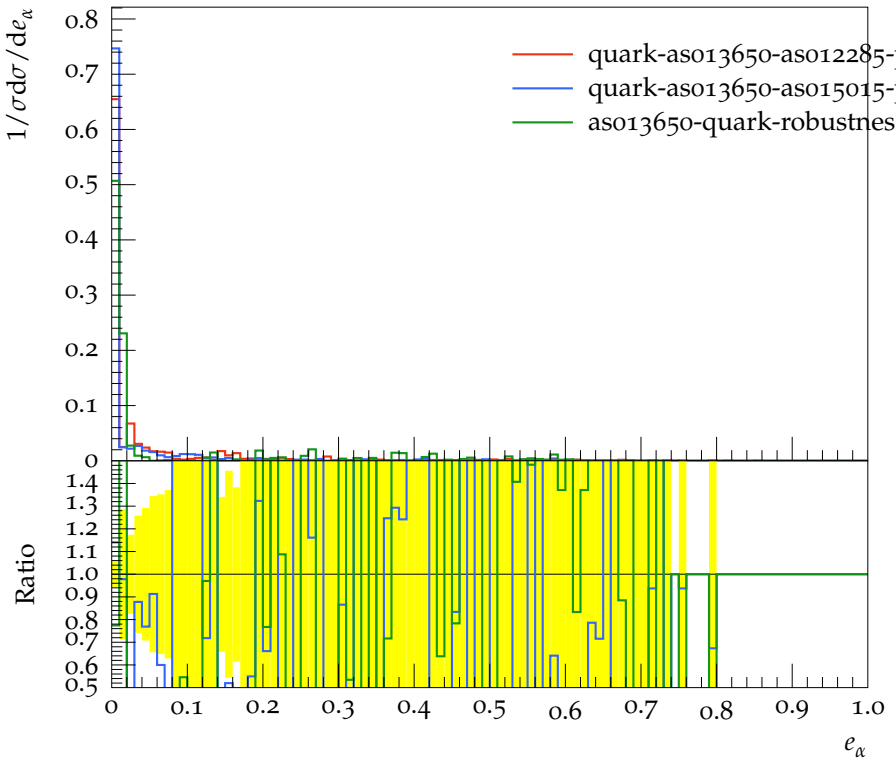
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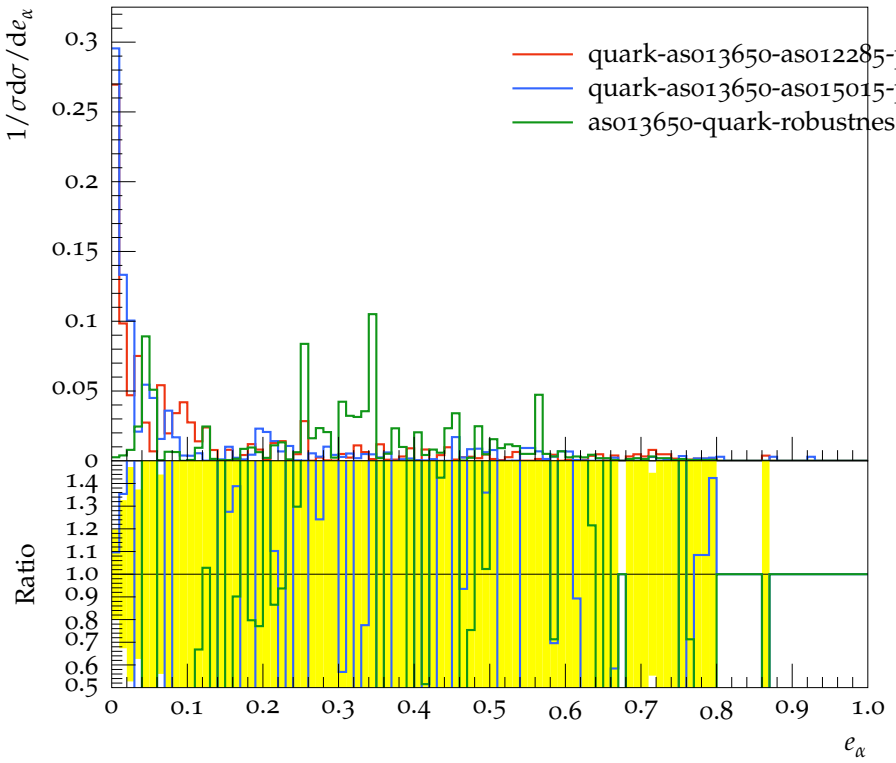
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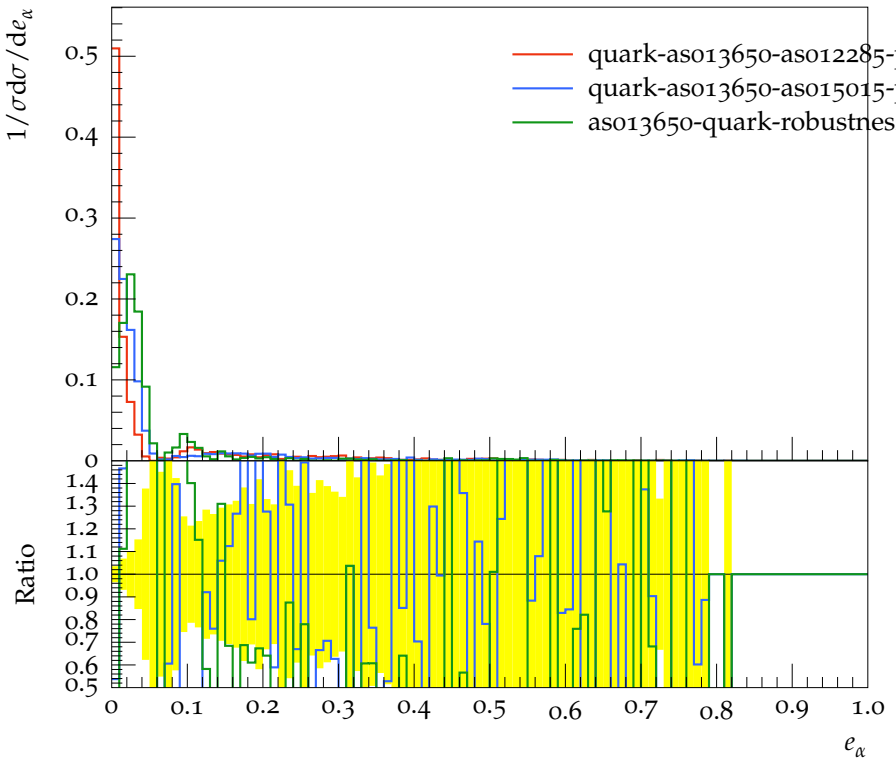
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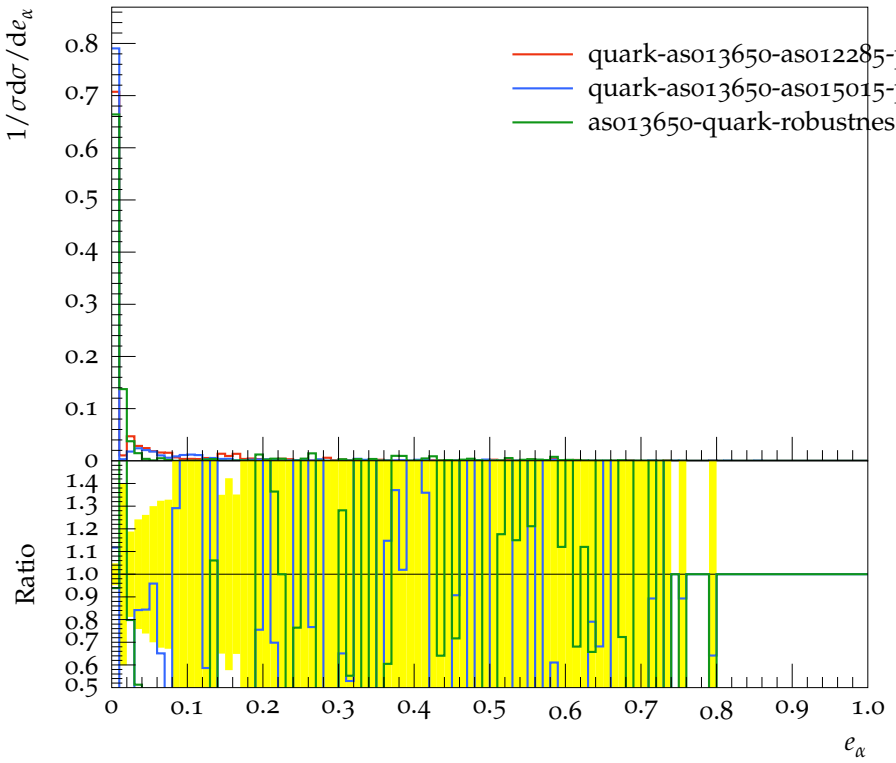
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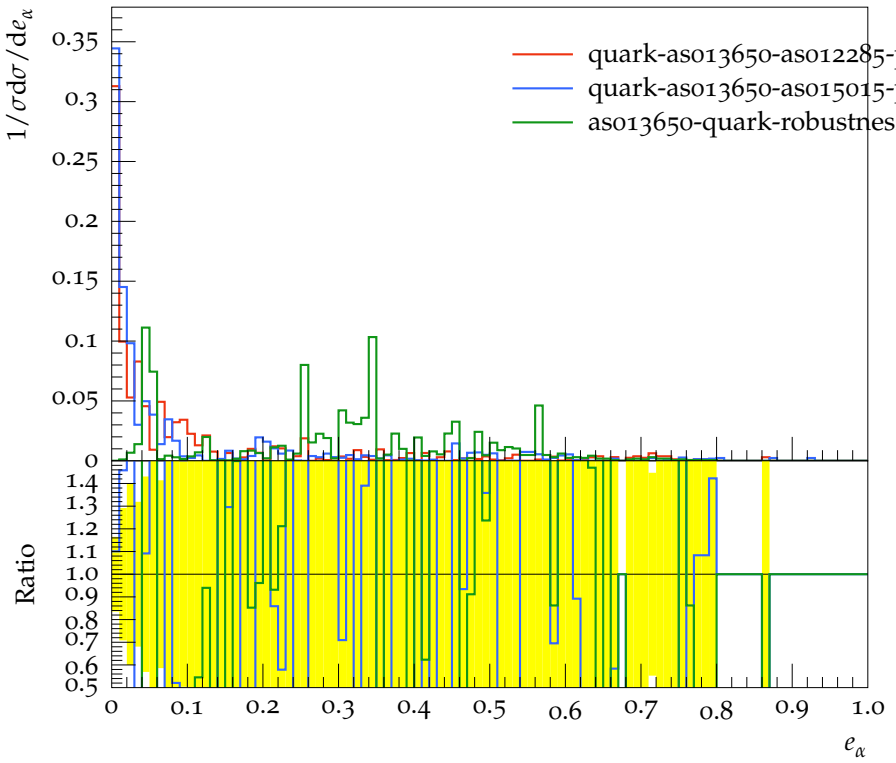
Angularity, $\alpha = 0.5$ $z_{cut} = 0.1$ $\beta = 2$



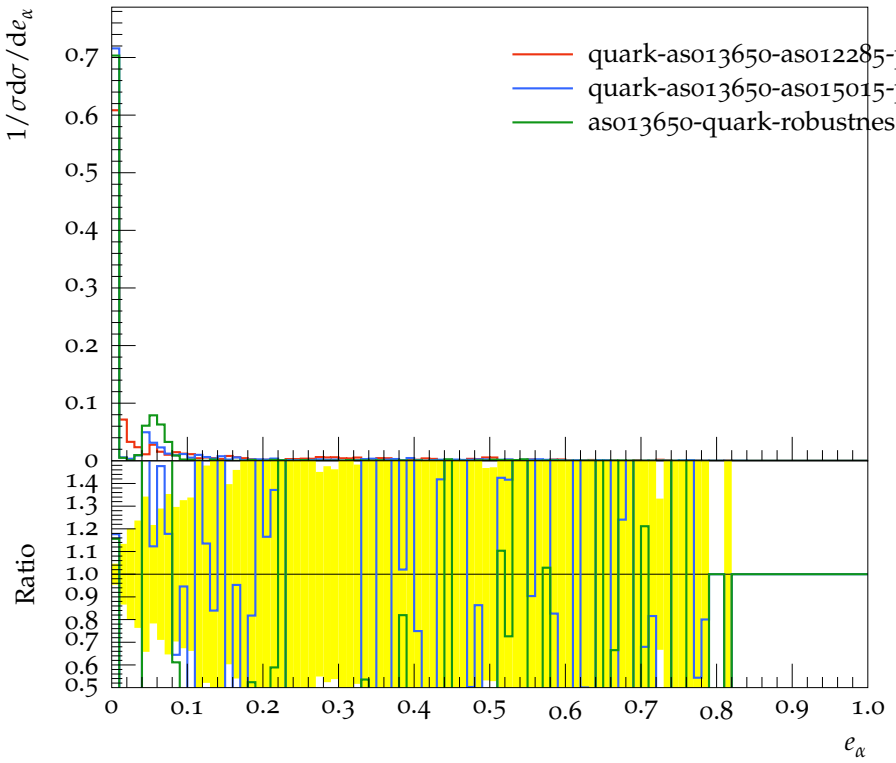
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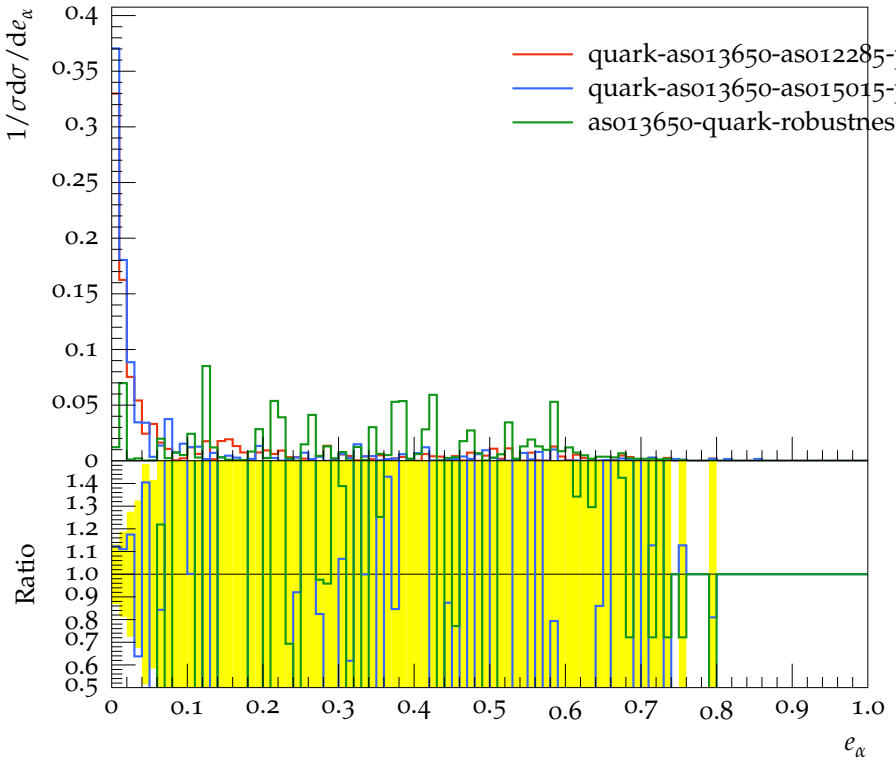
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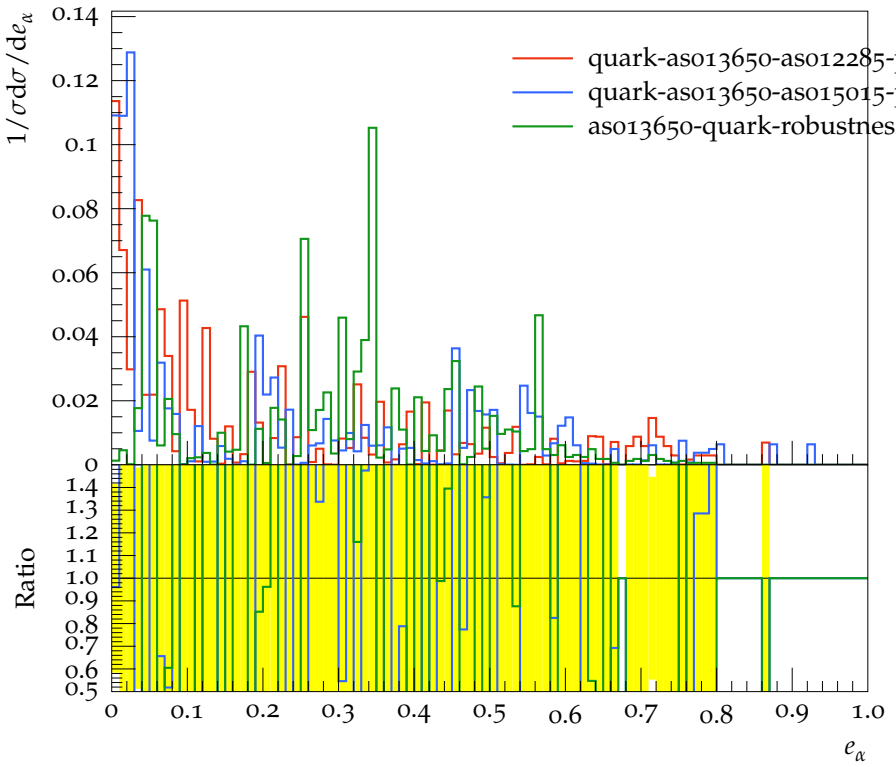
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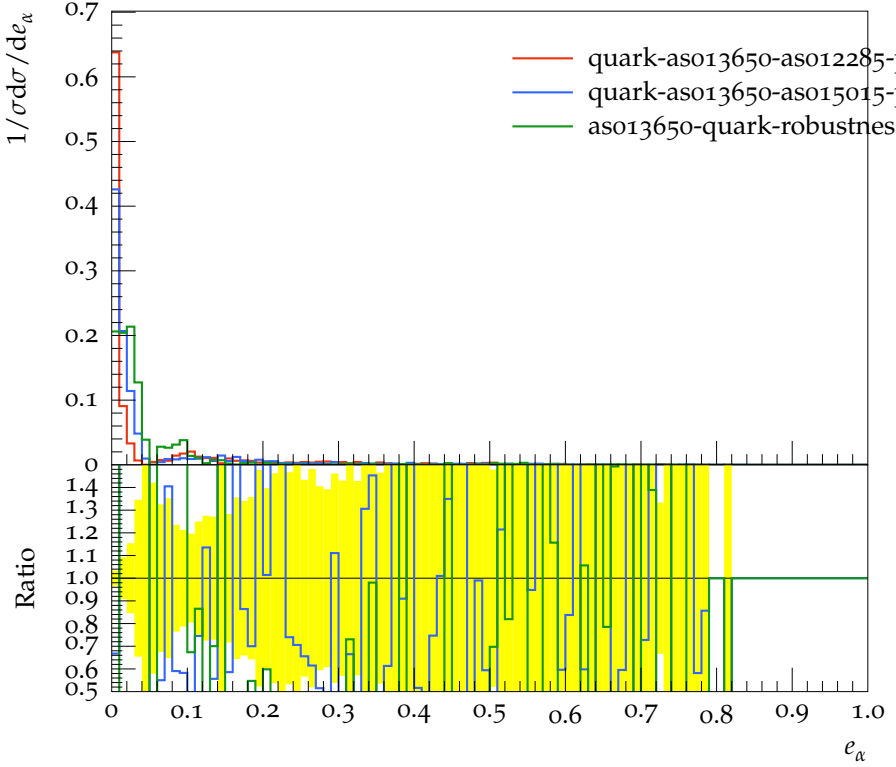
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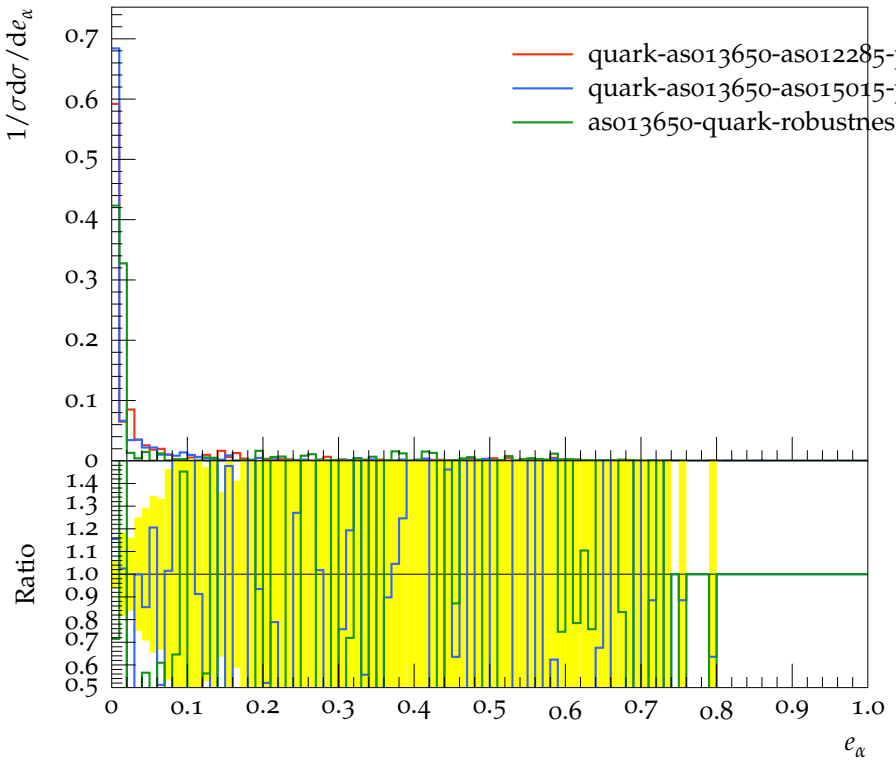
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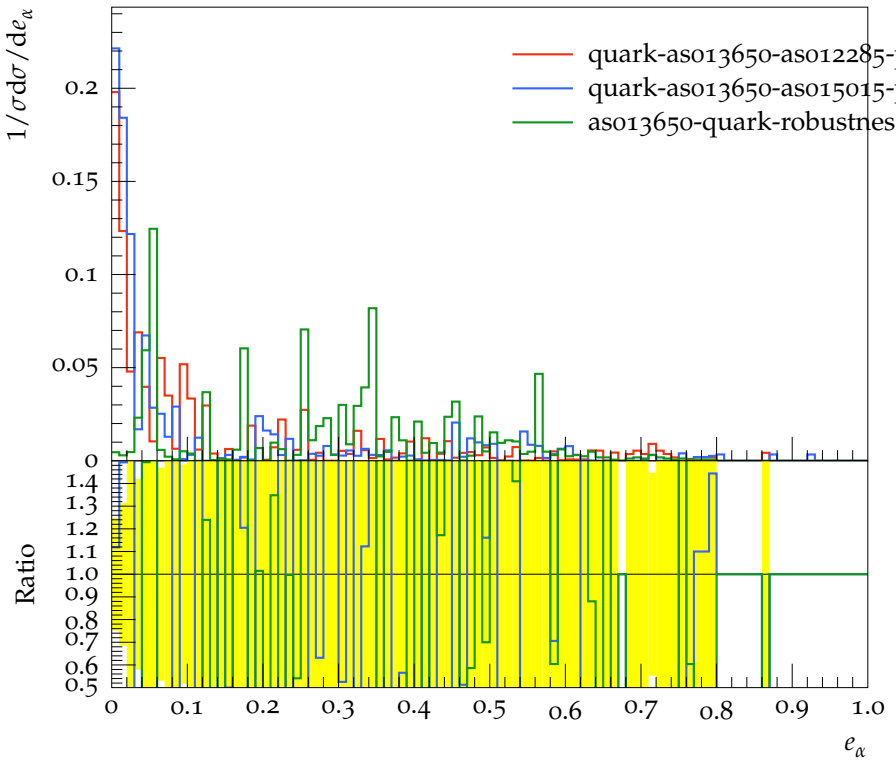
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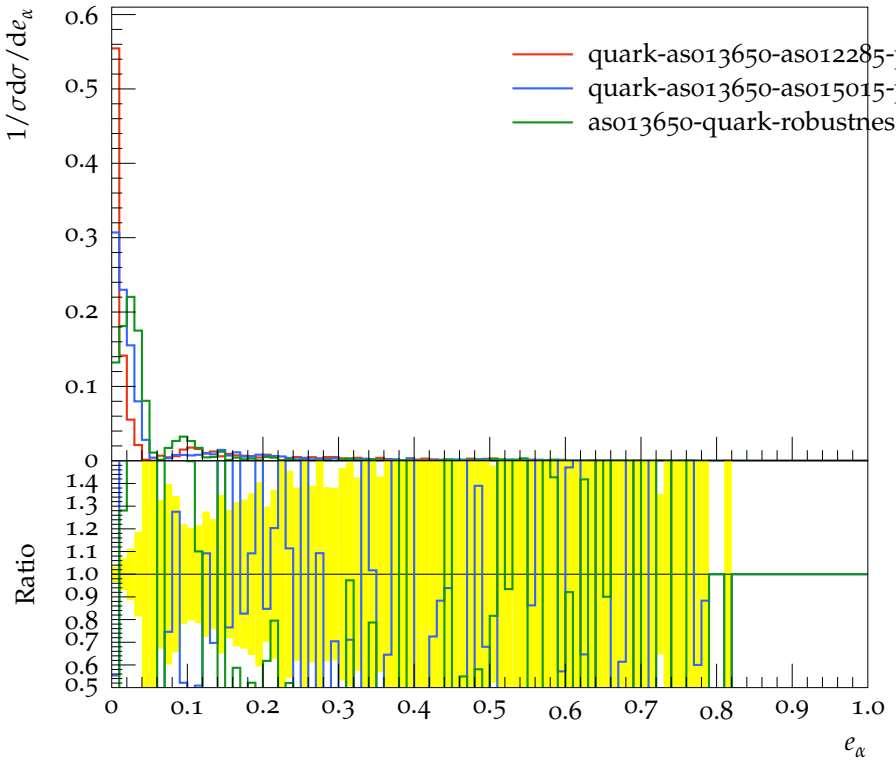
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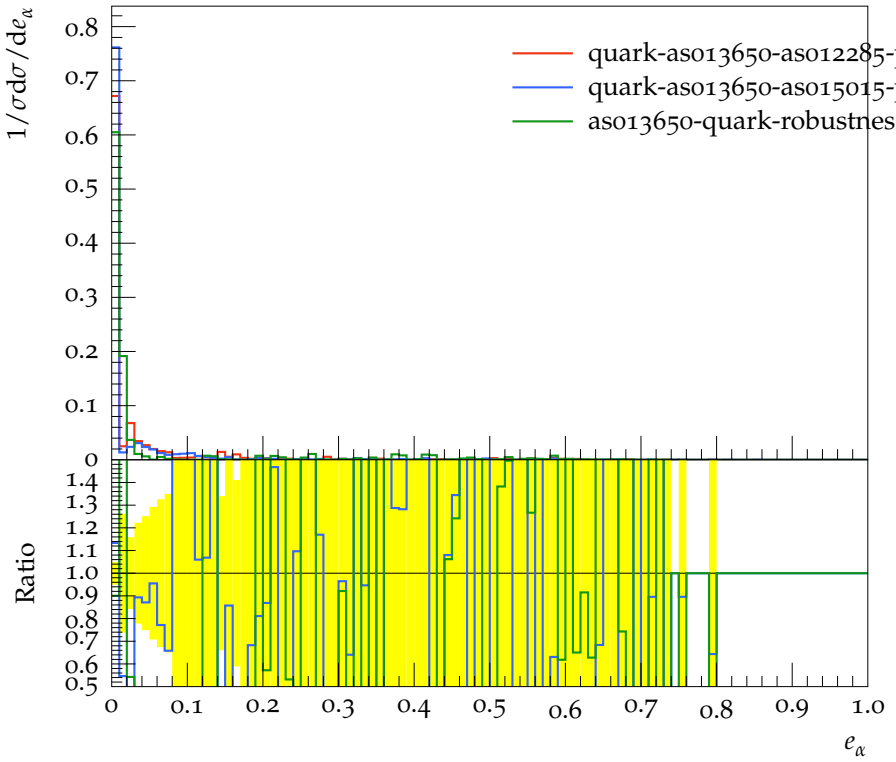
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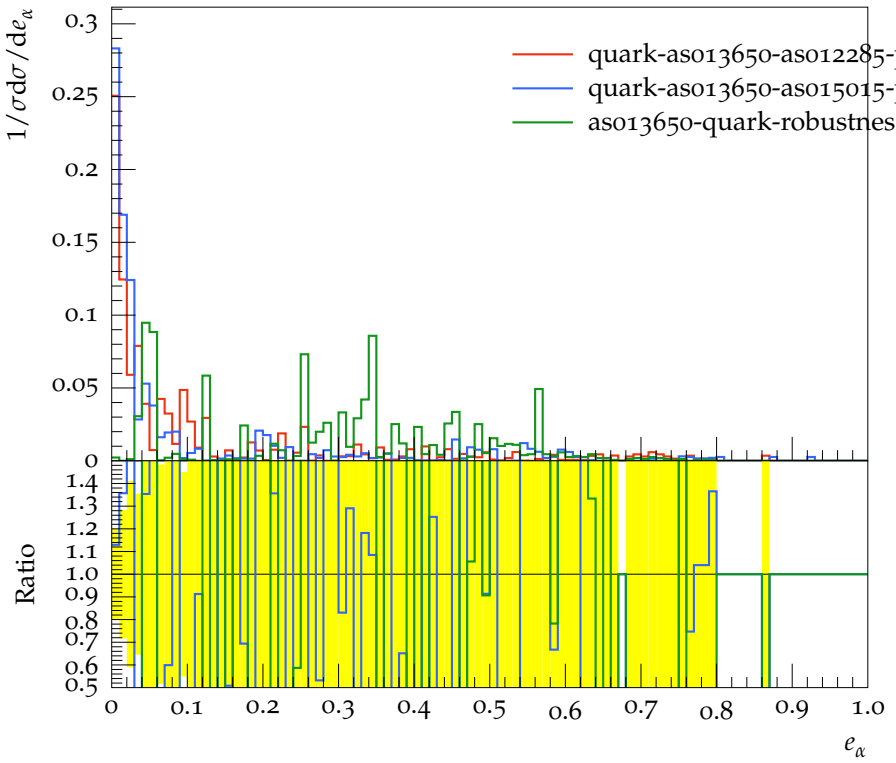
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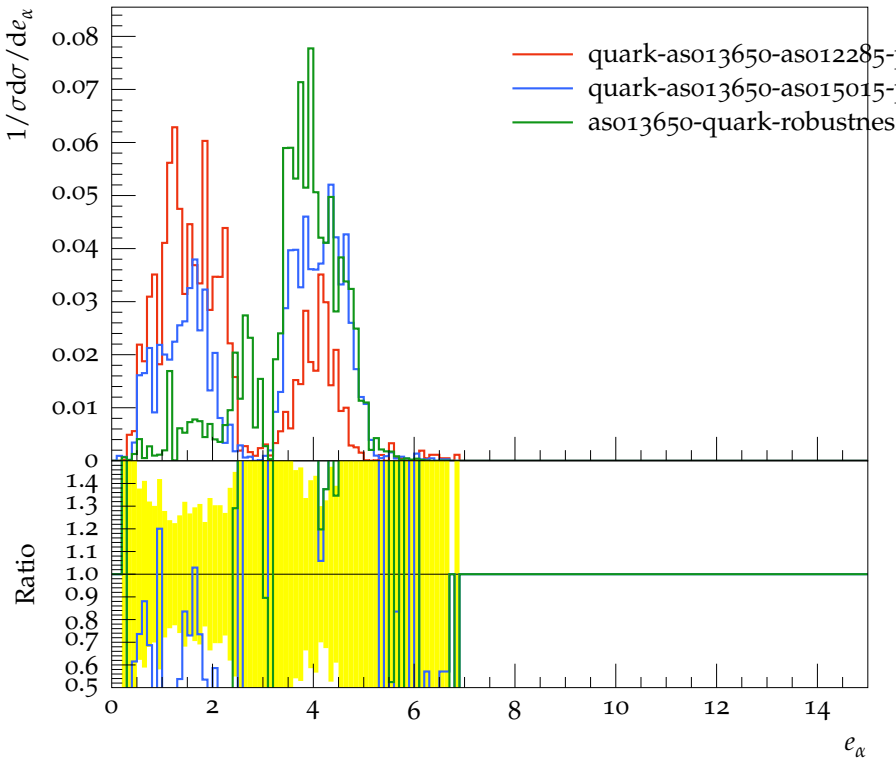
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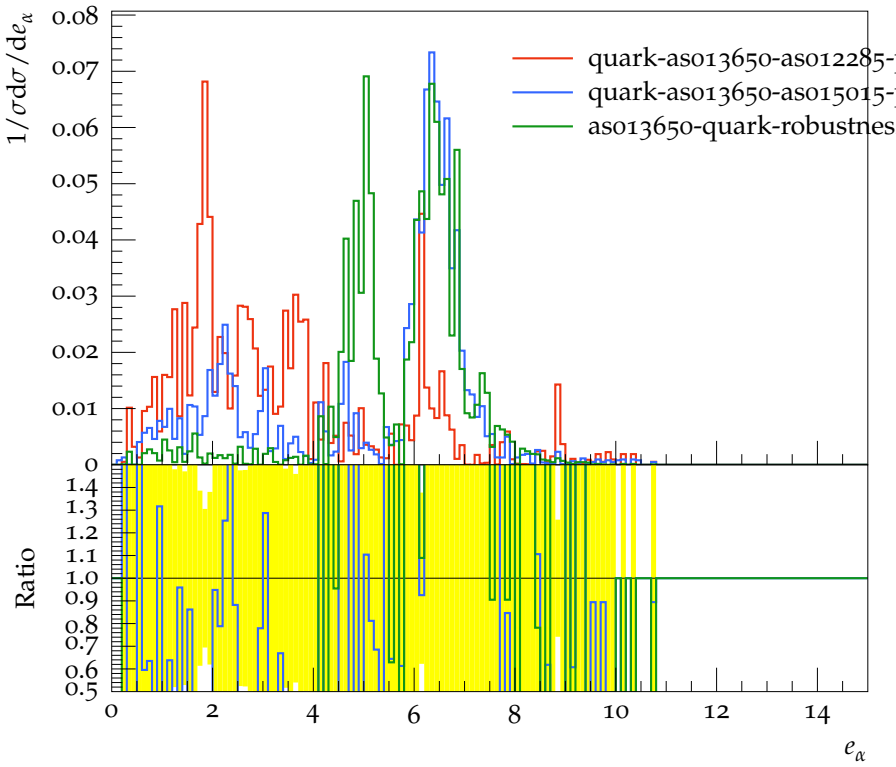
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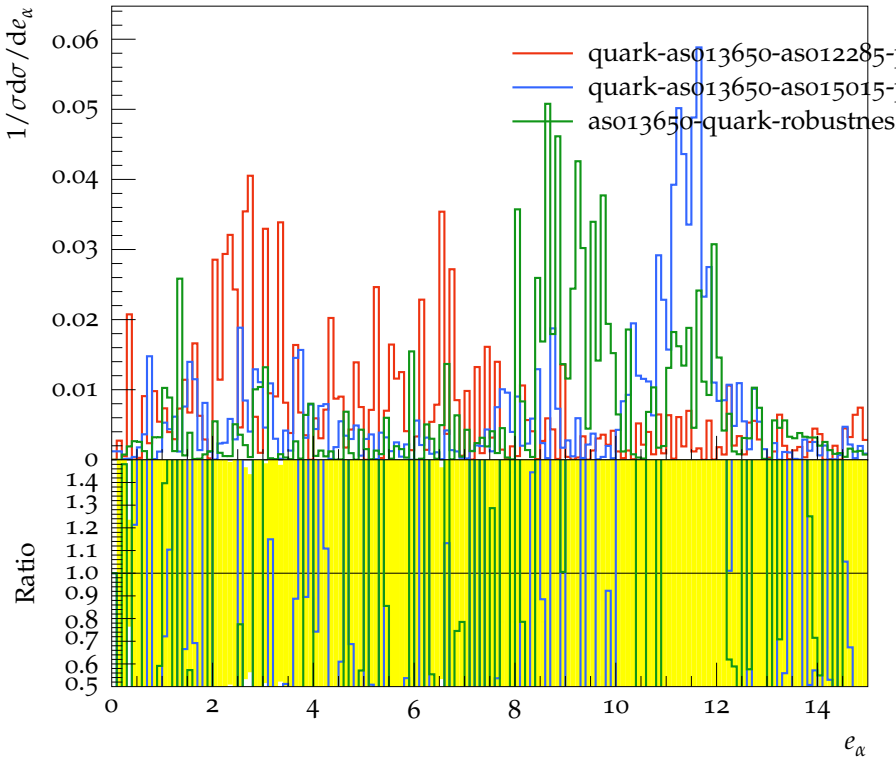
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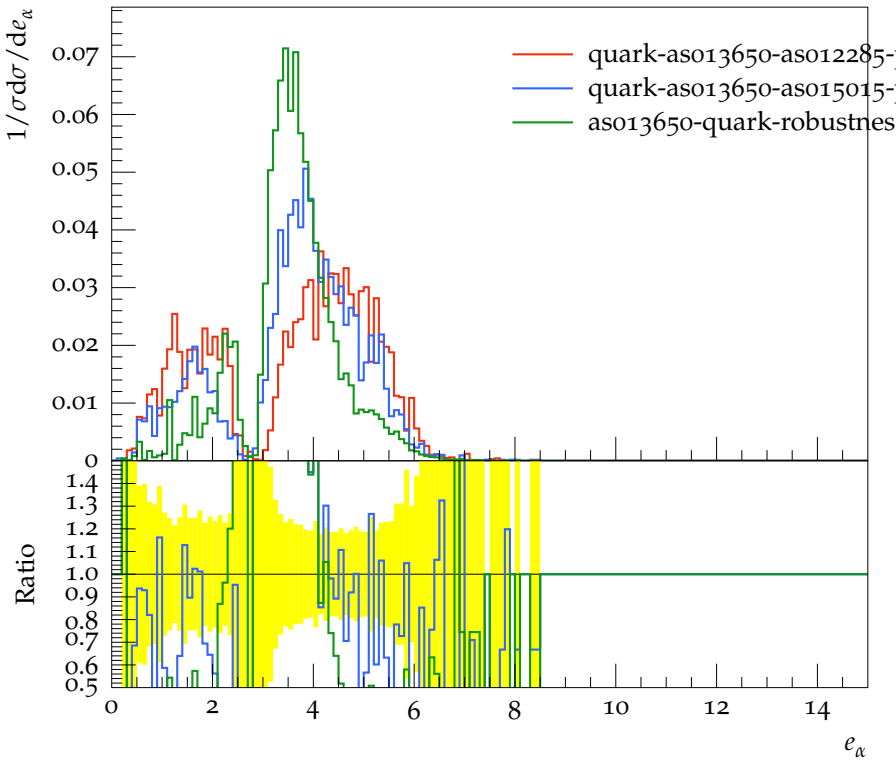
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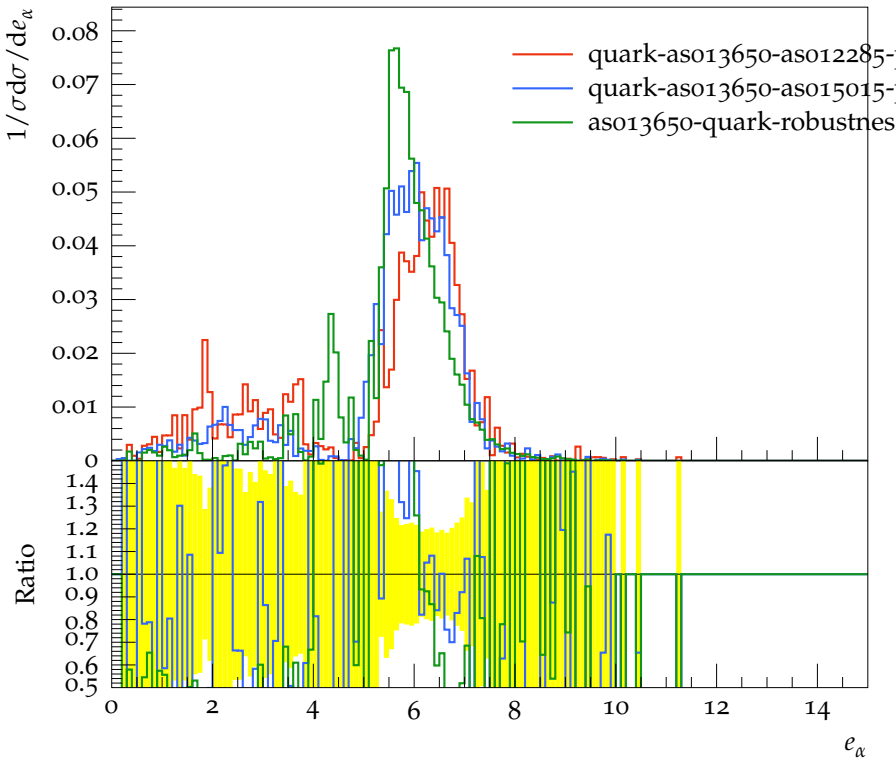
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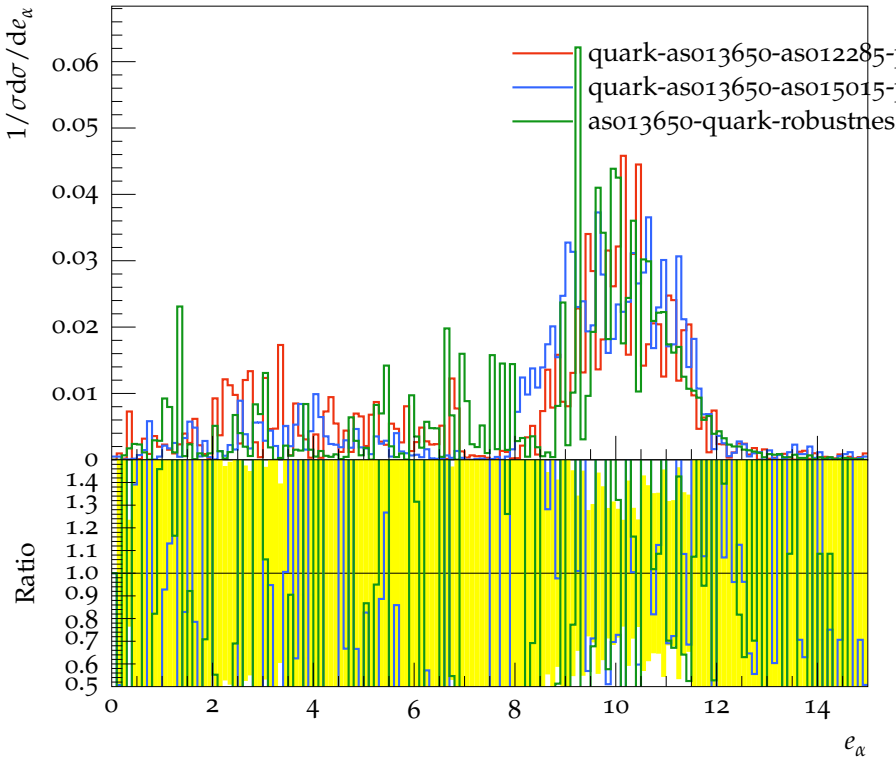
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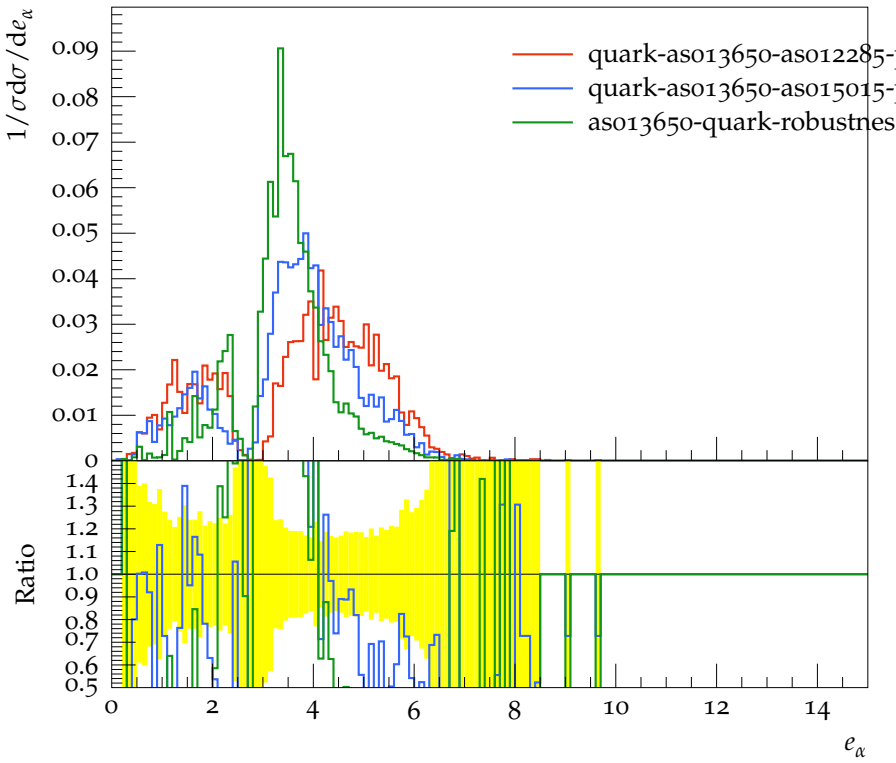
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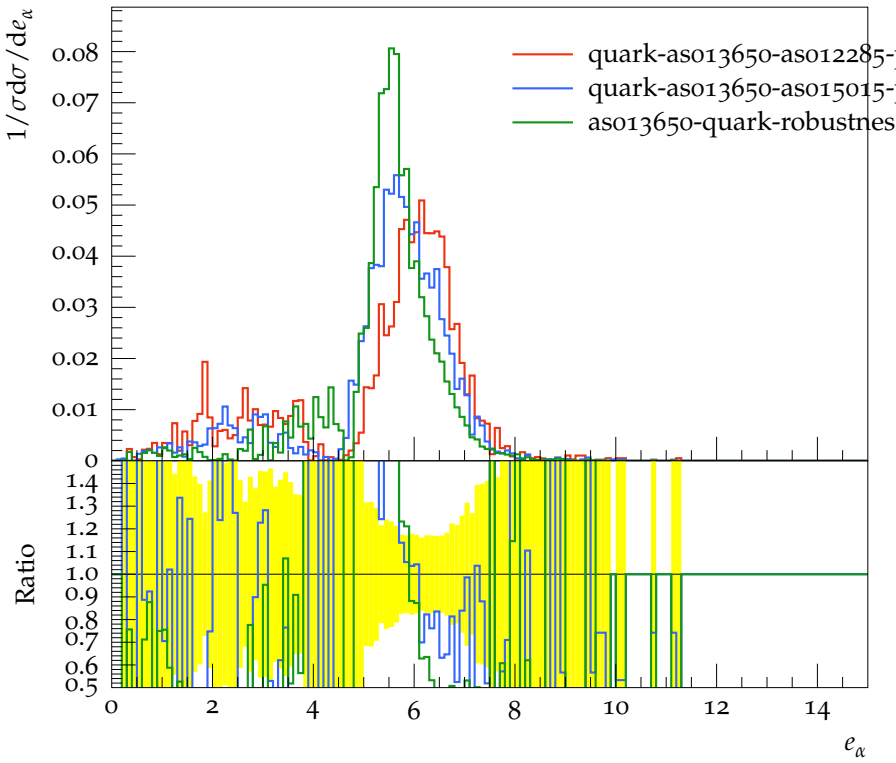
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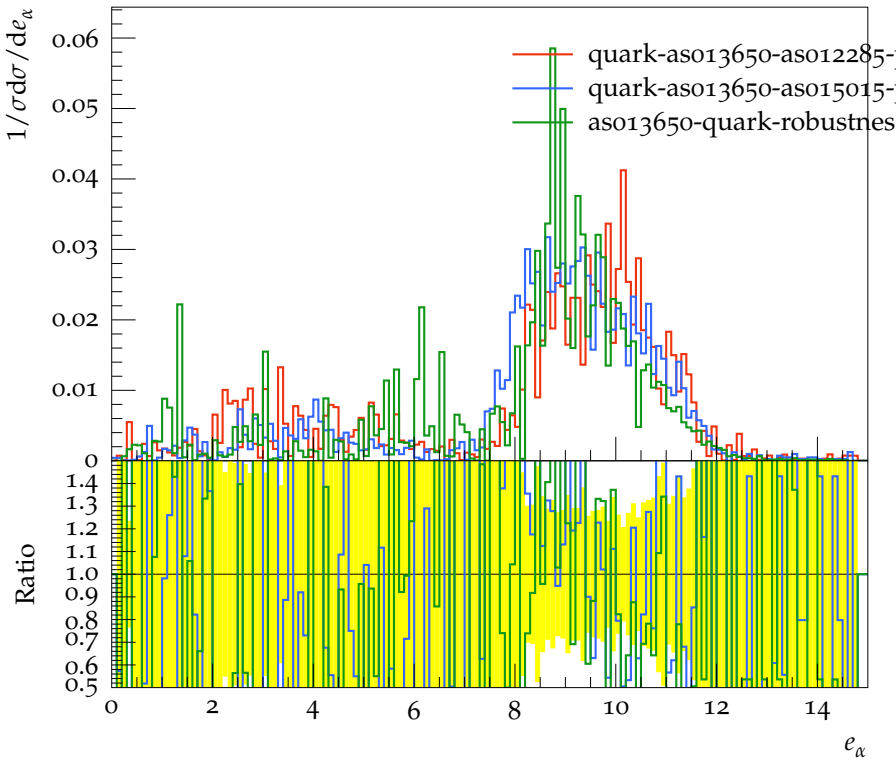
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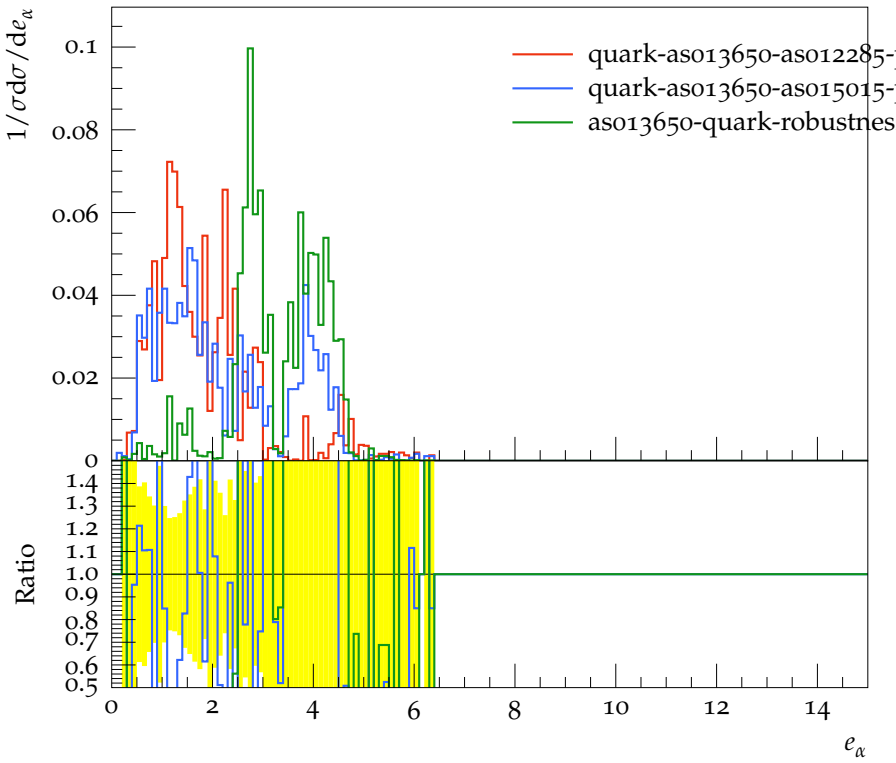
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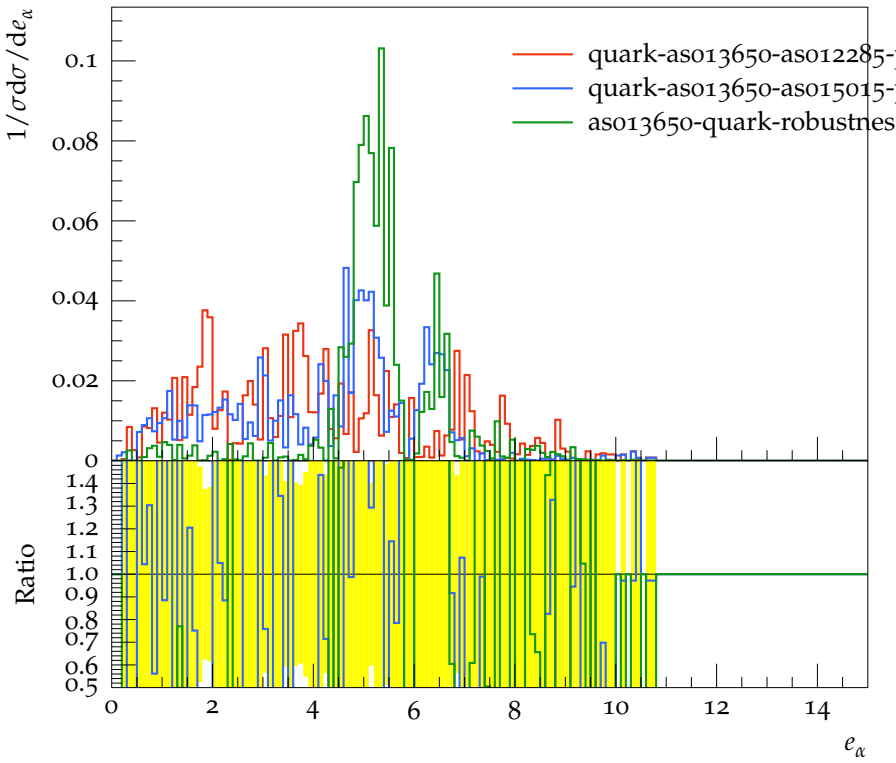
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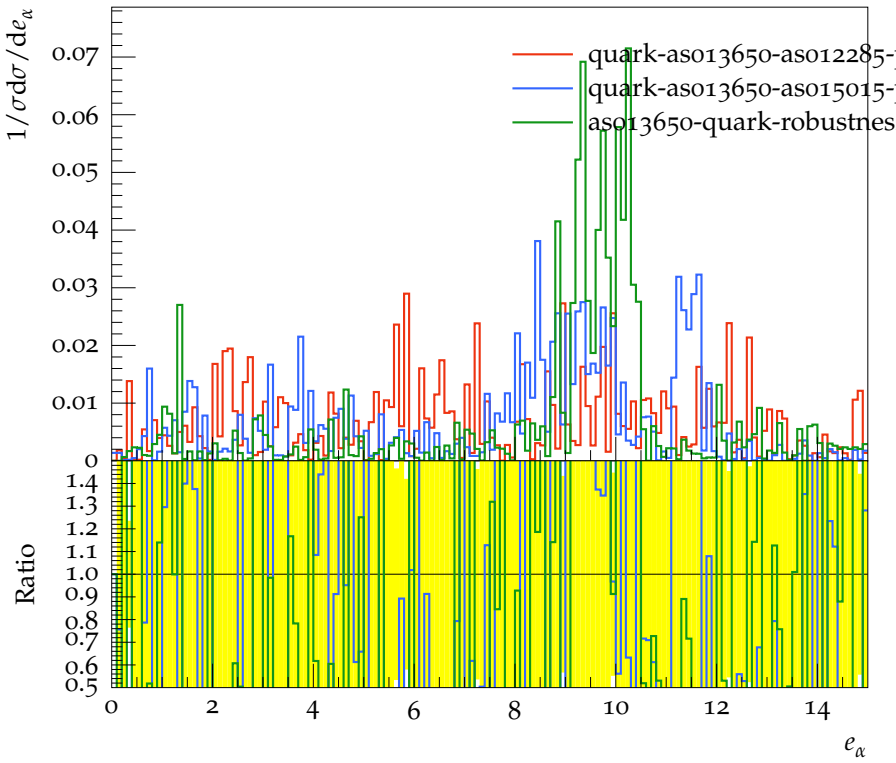
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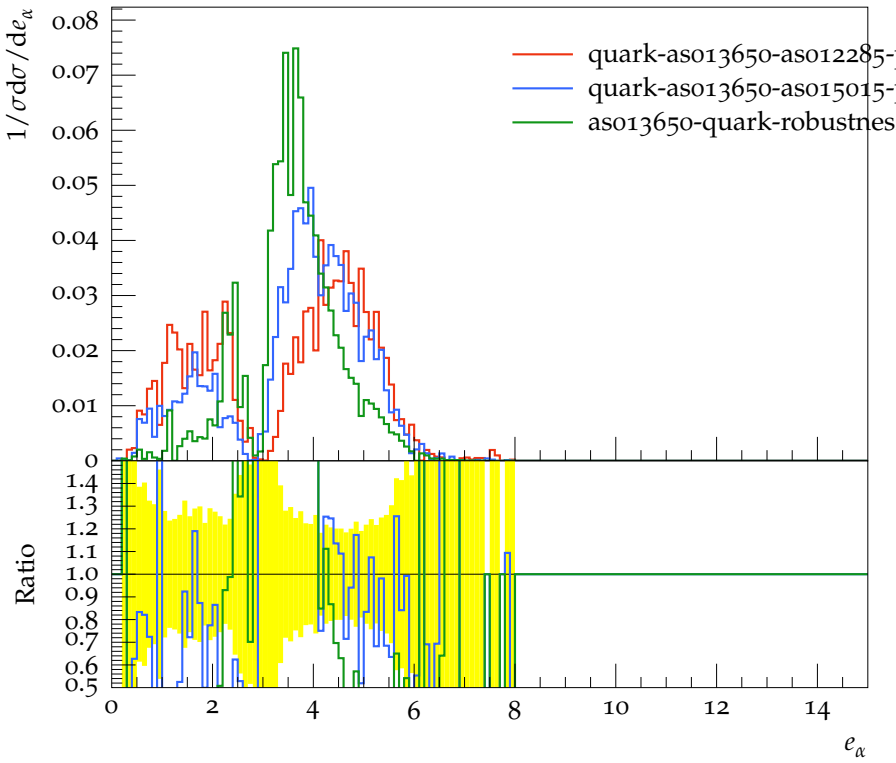
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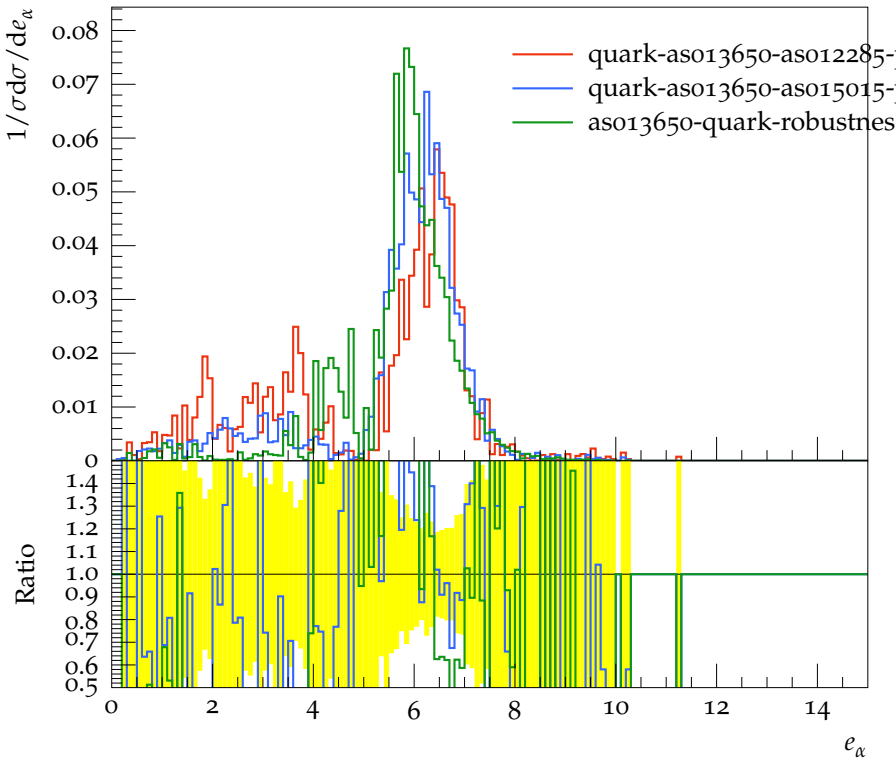
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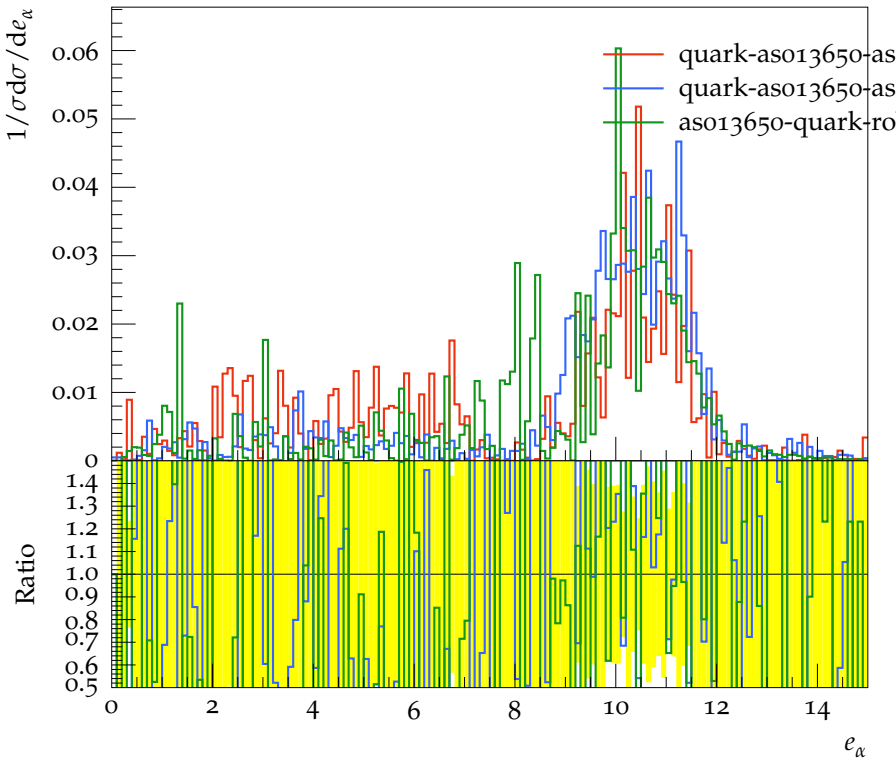
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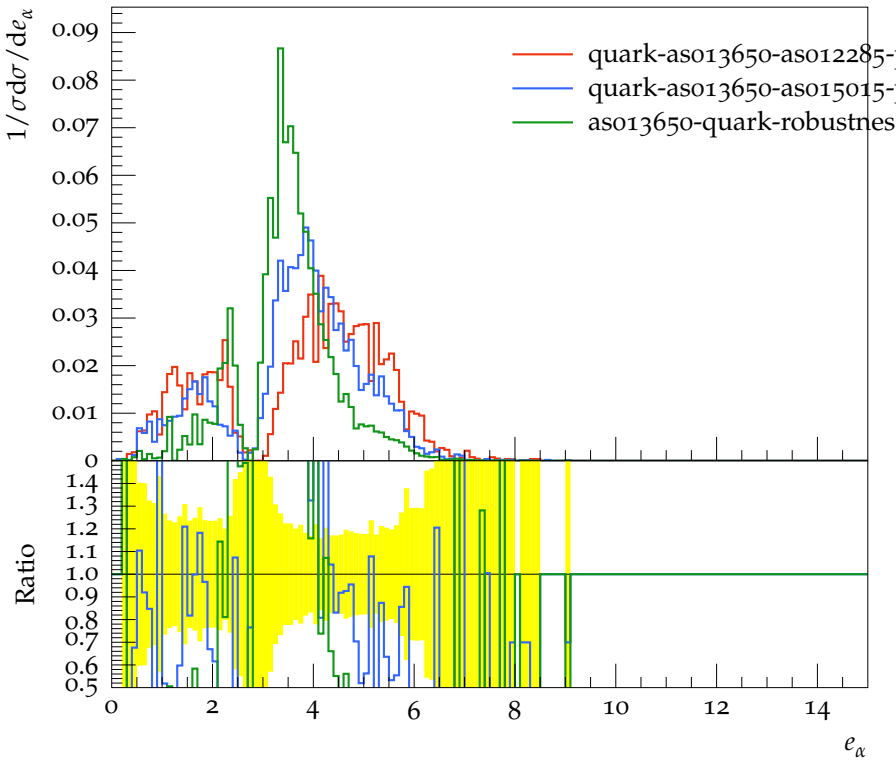
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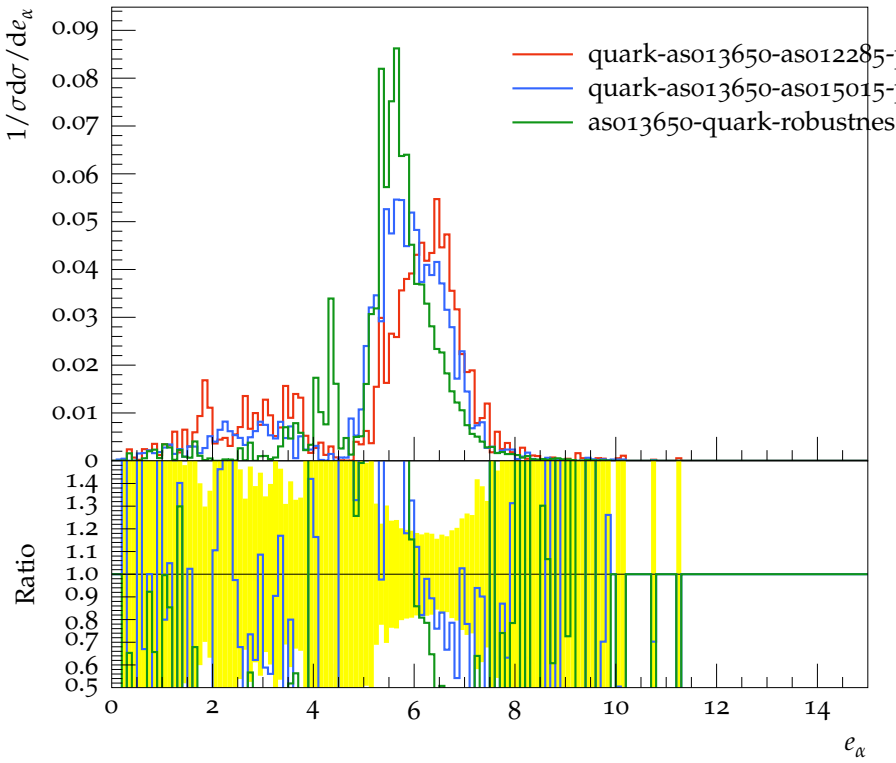
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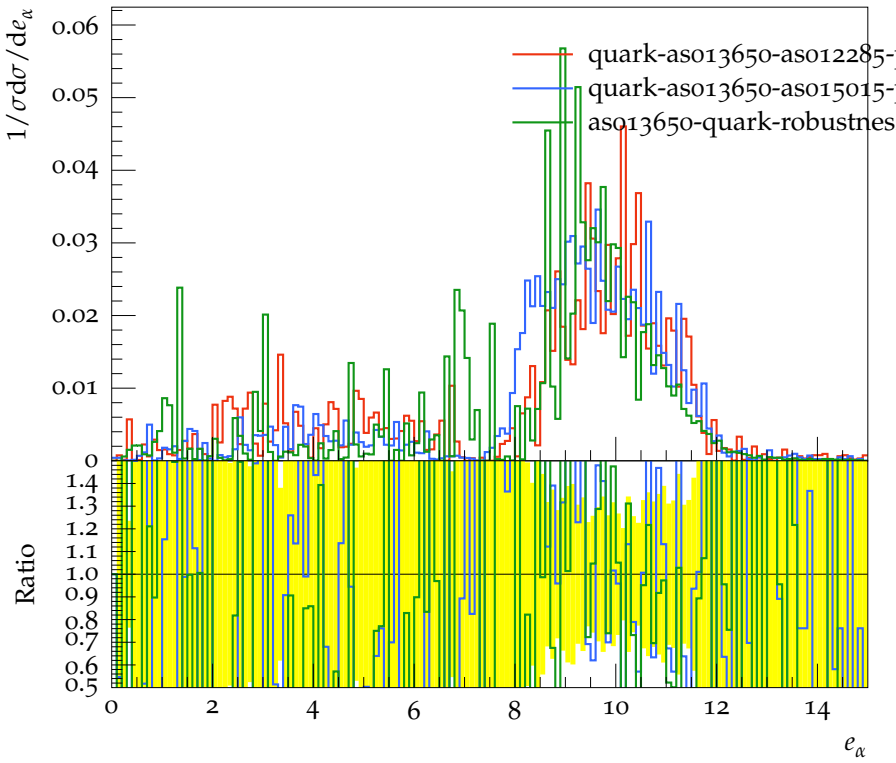
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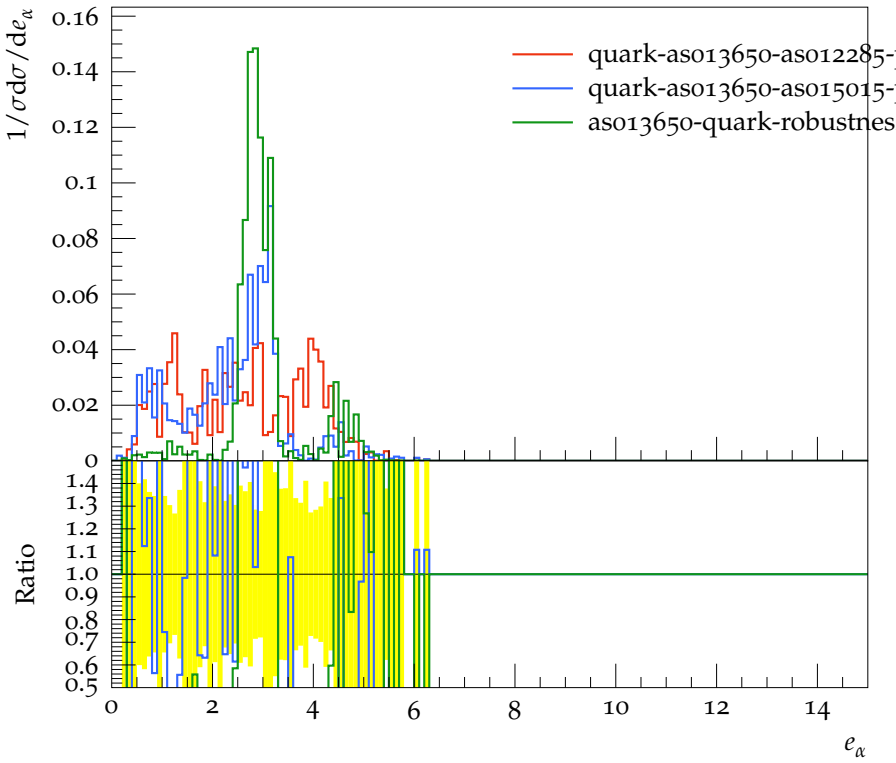
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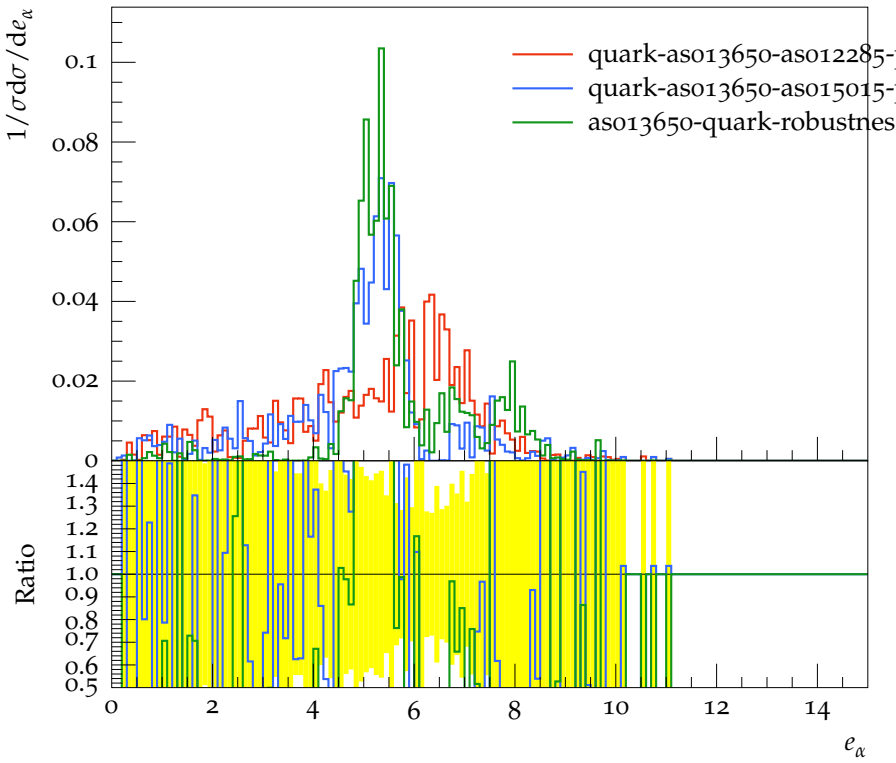
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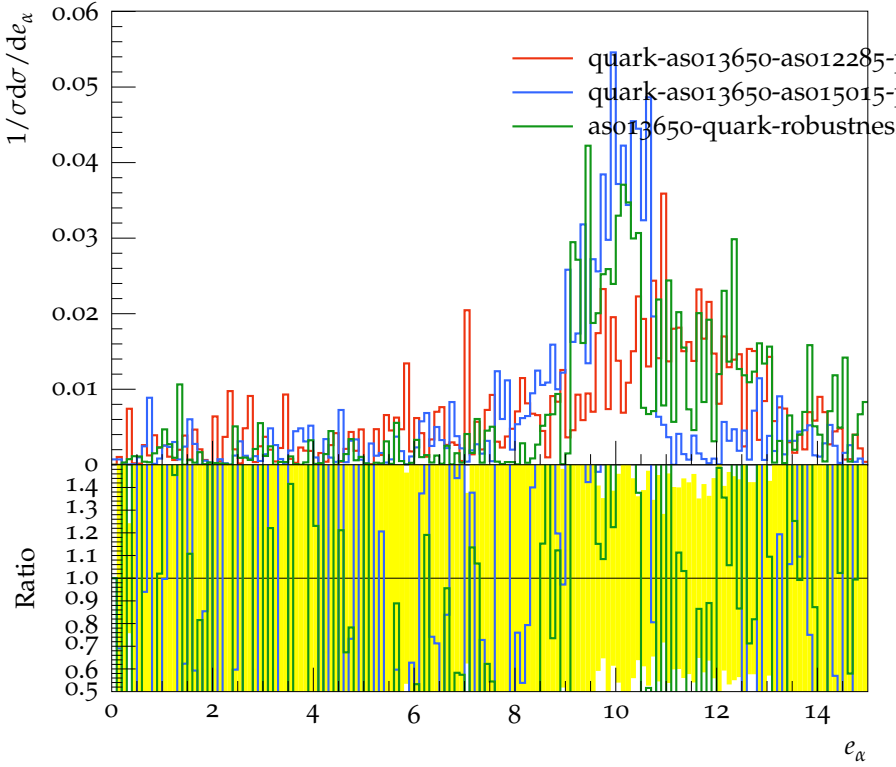
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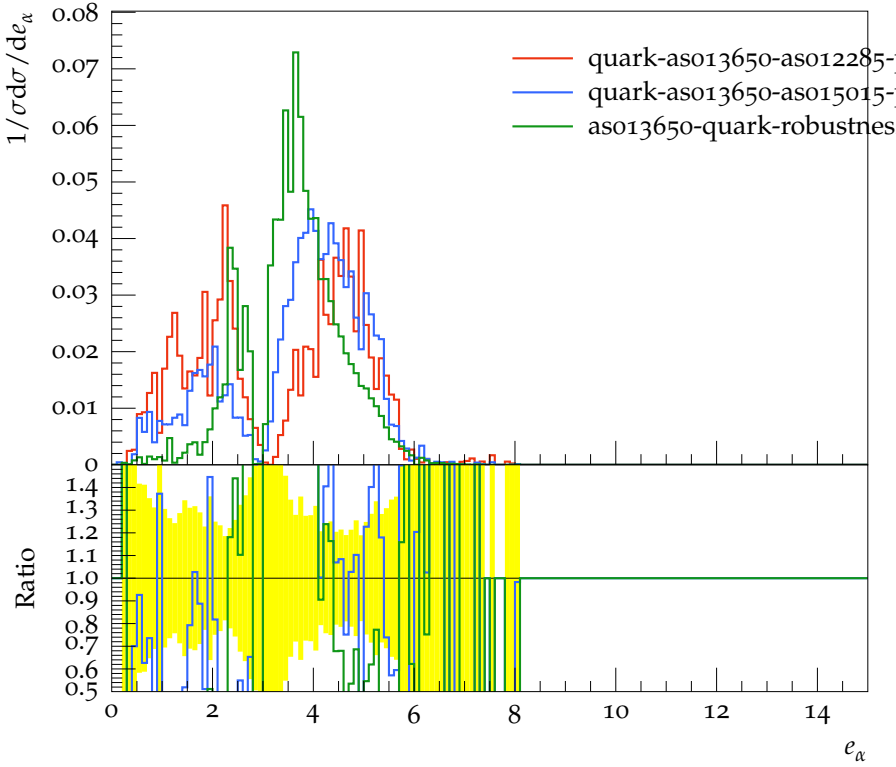
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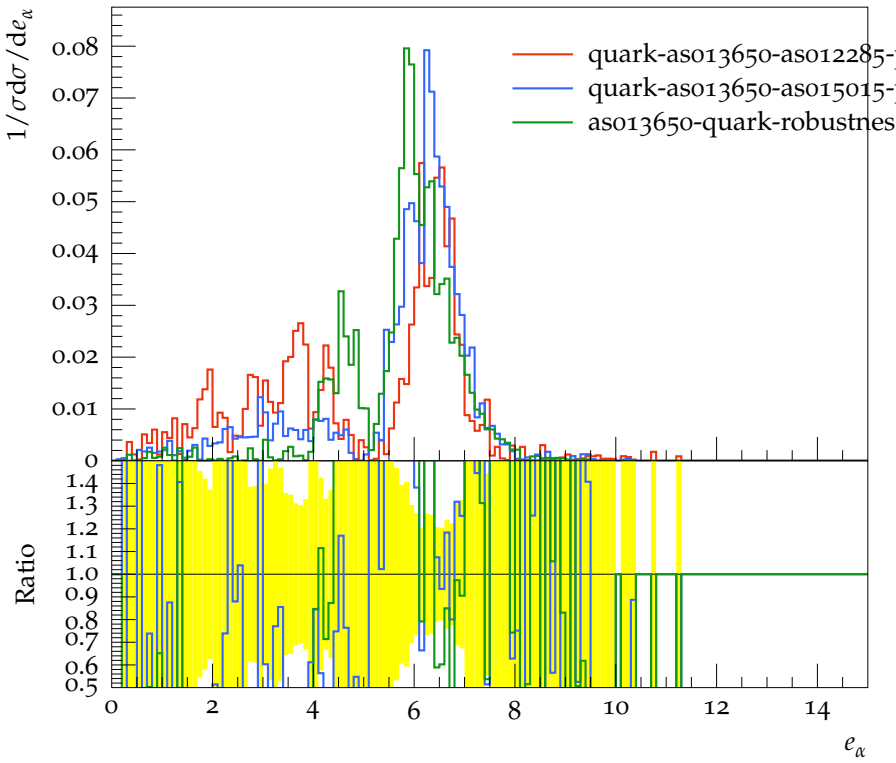
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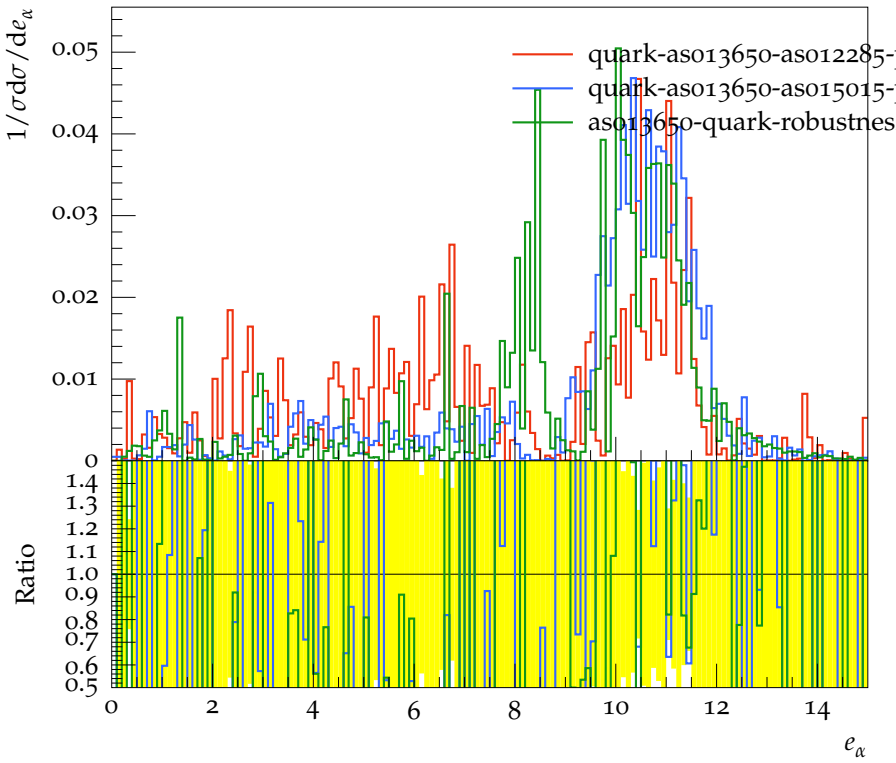
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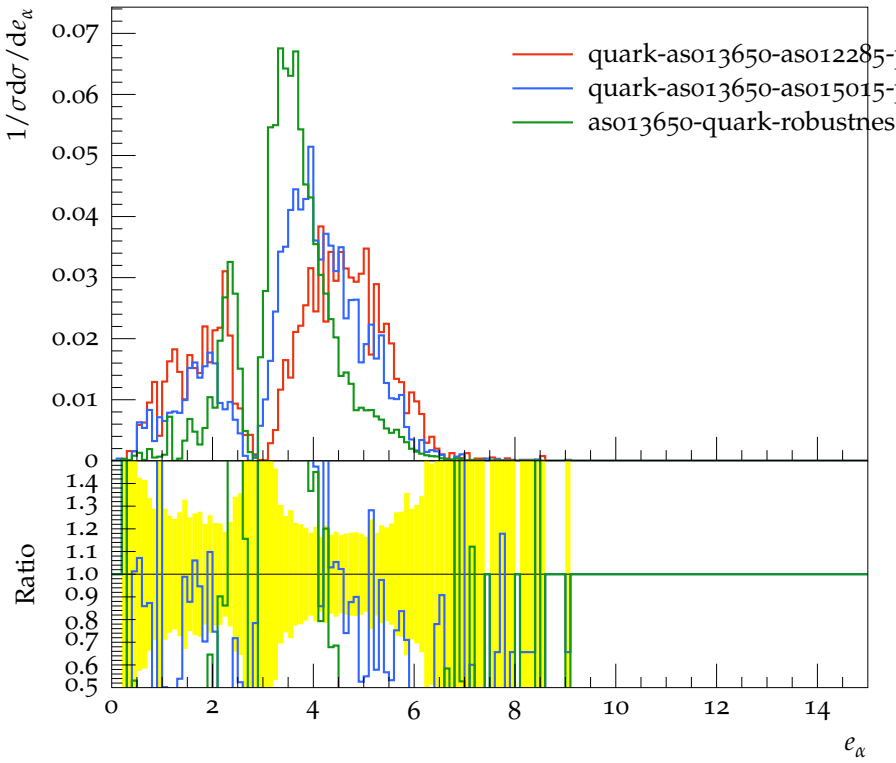
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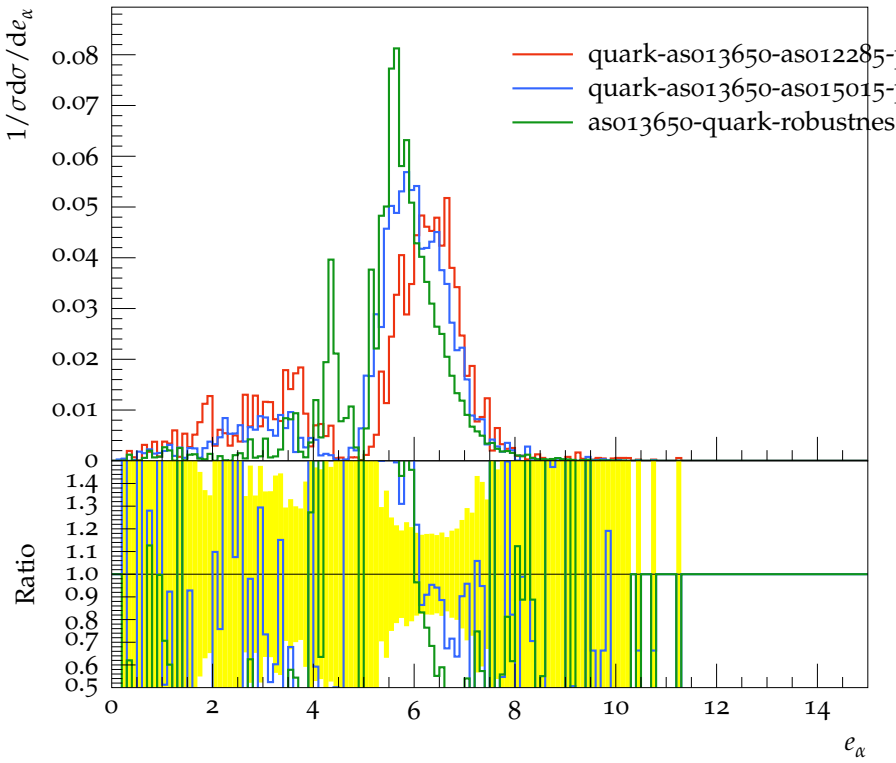
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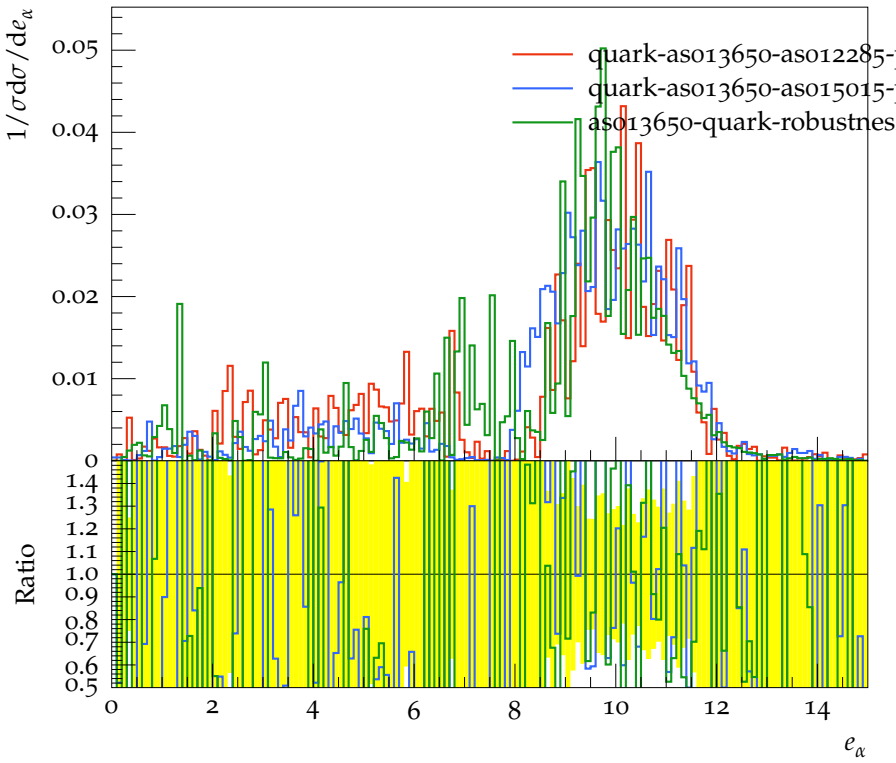
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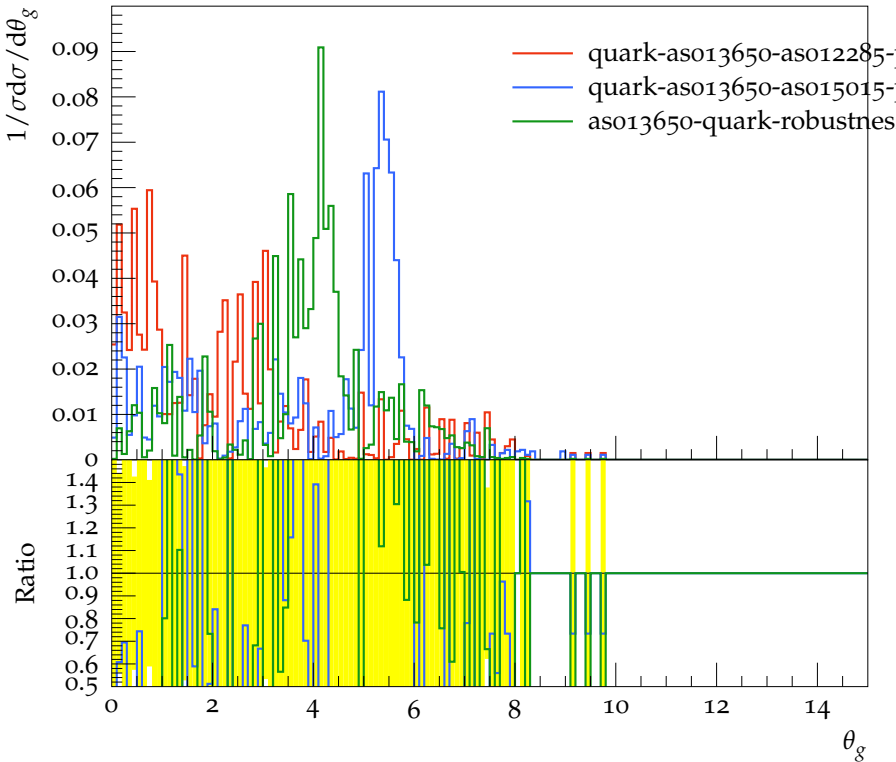
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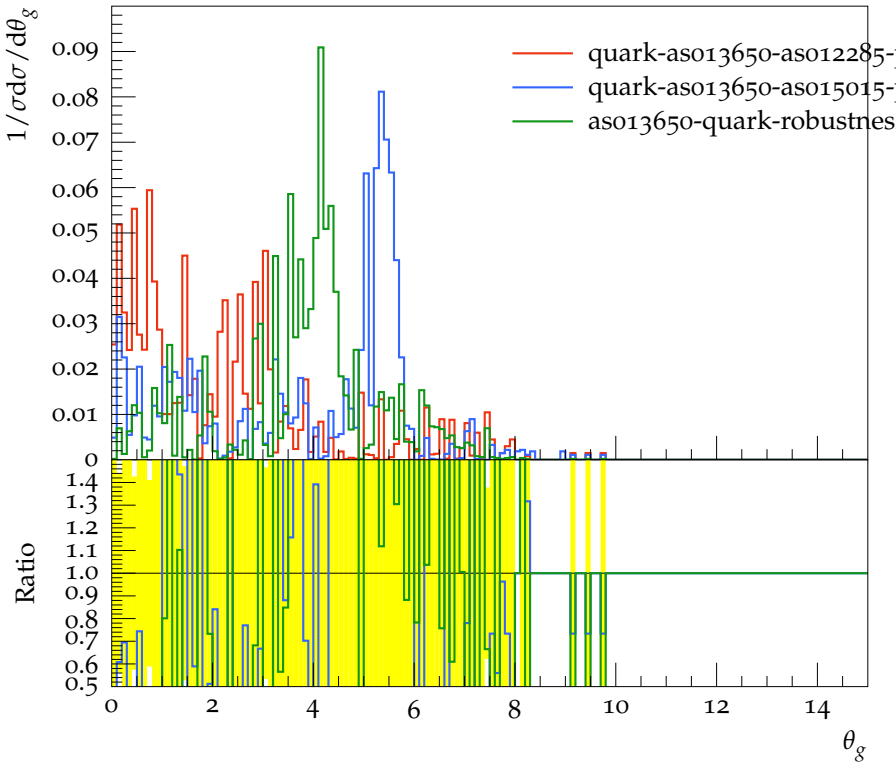
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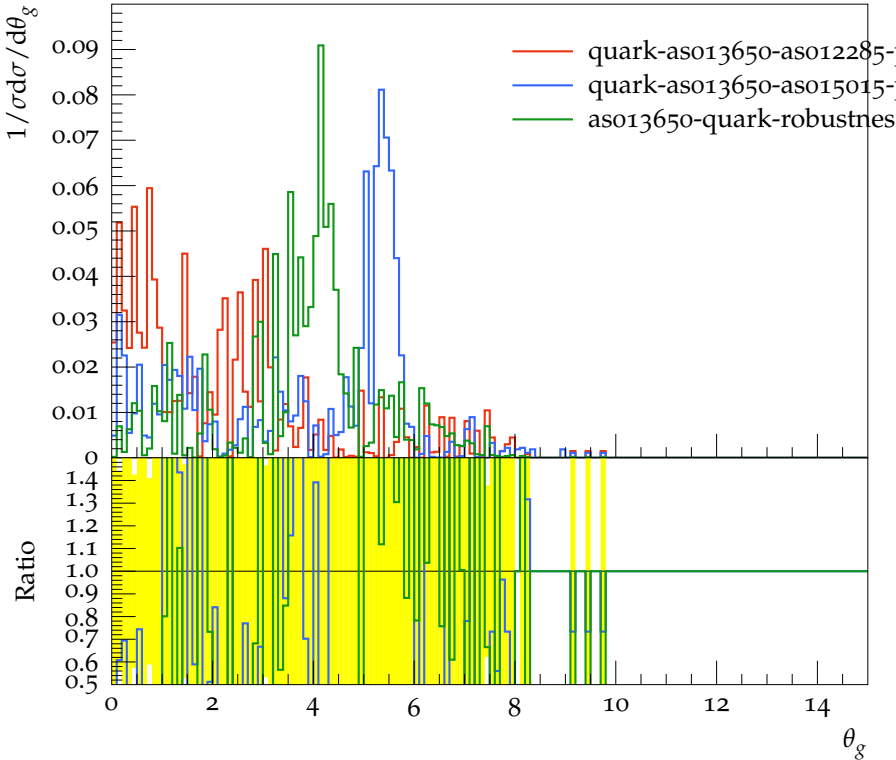
$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.05 \quad \beta = 0$$



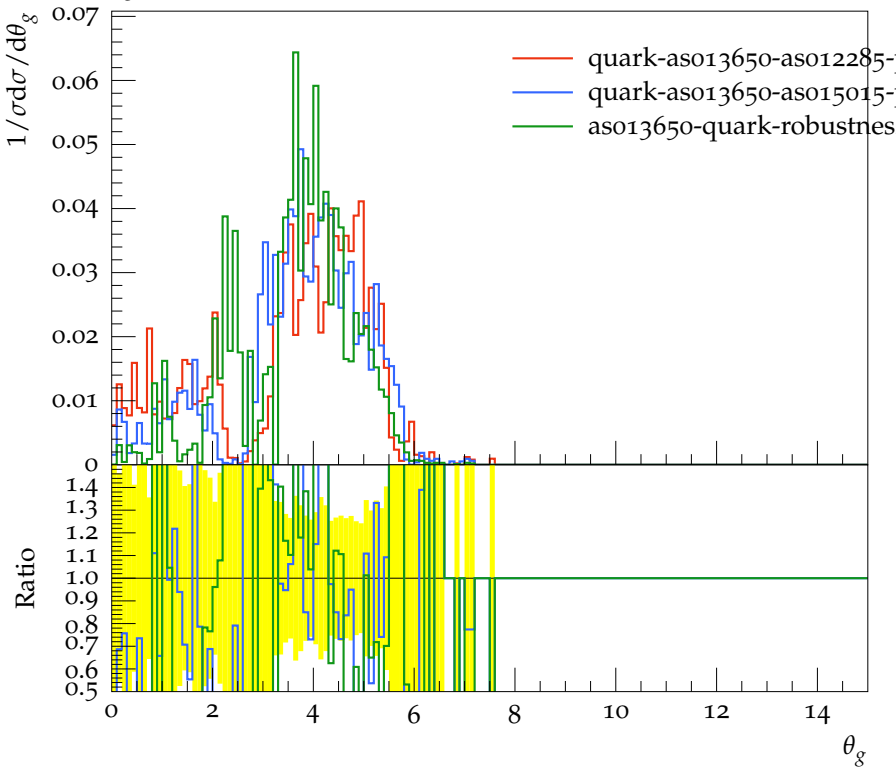
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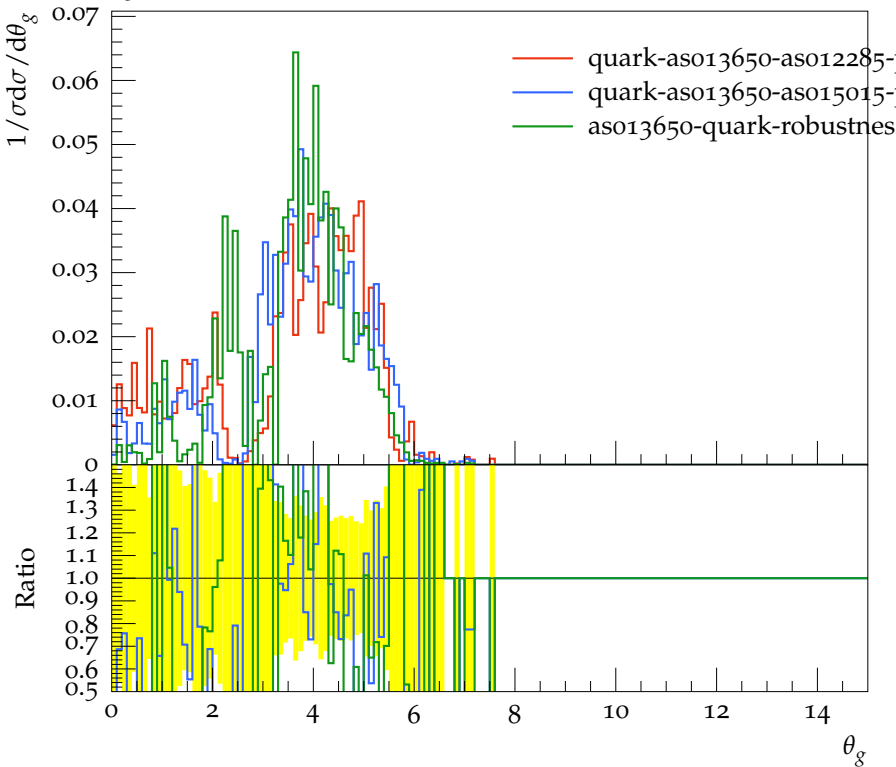
$$\theta_g, \alpha = 2 \ z_{cut} = 0.05 \ \beta = 0$$

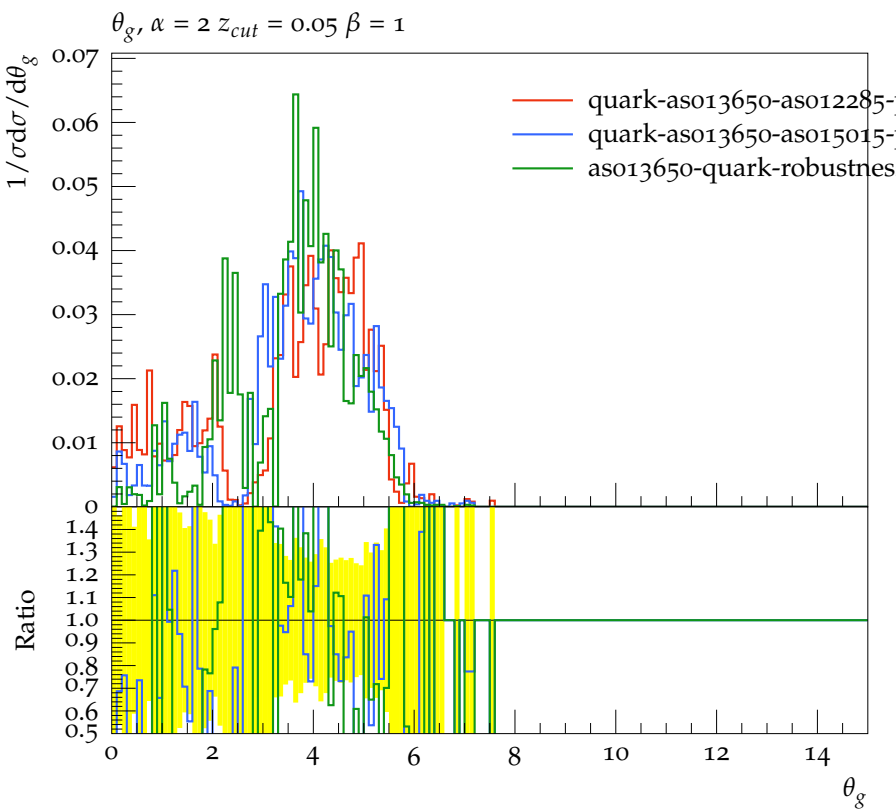


$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.05 \quad \beta = 1$$

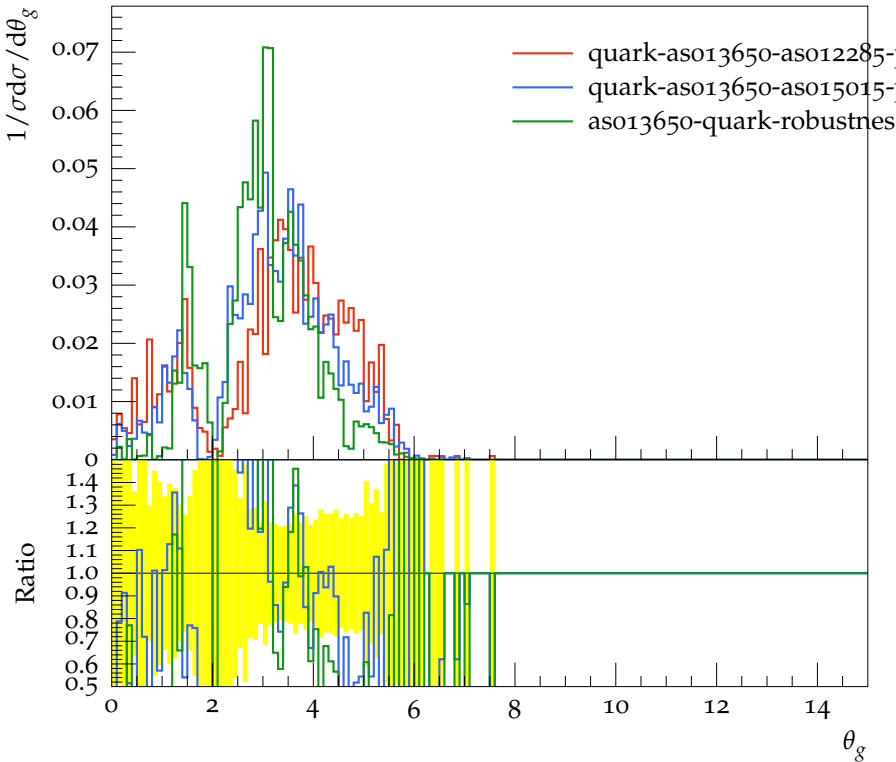


$$\theta_g, \alpha = 1 \quad z_{cut} = 0.05 \quad \beta = 1$$

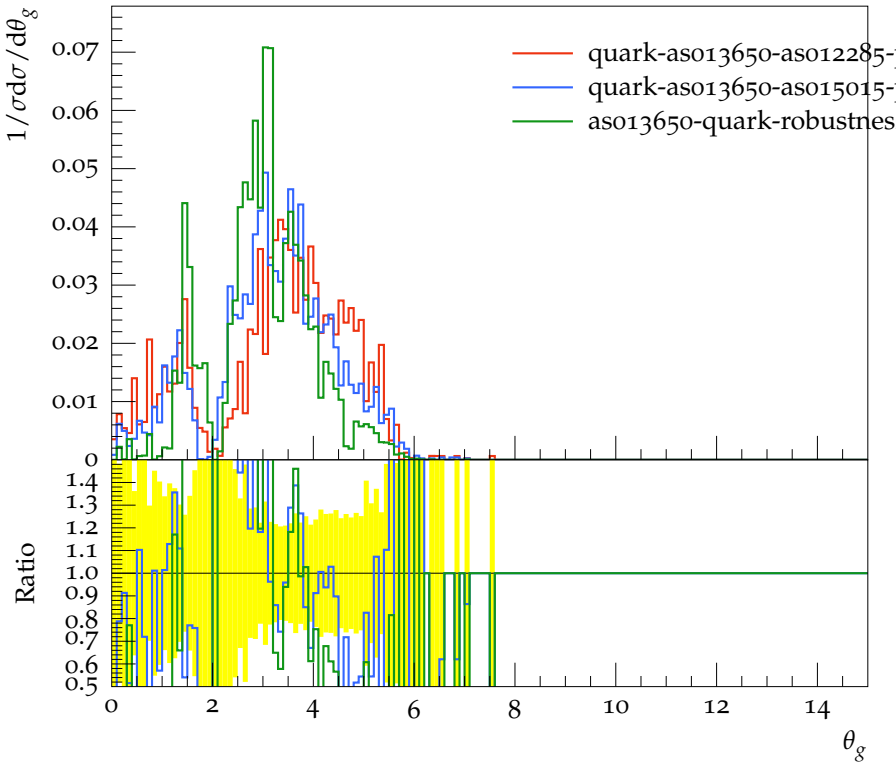




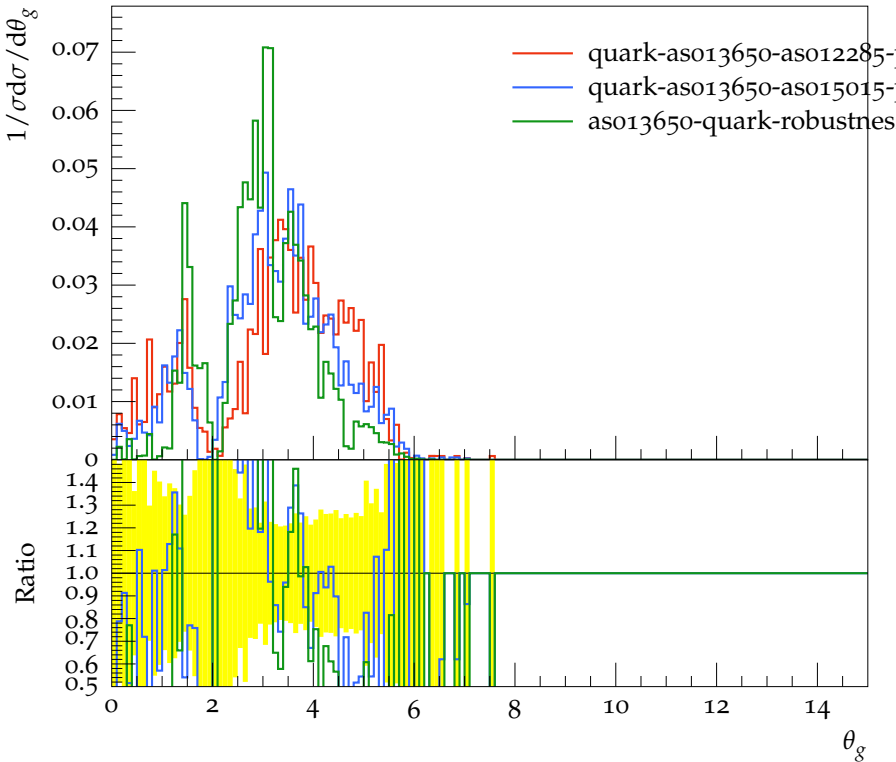
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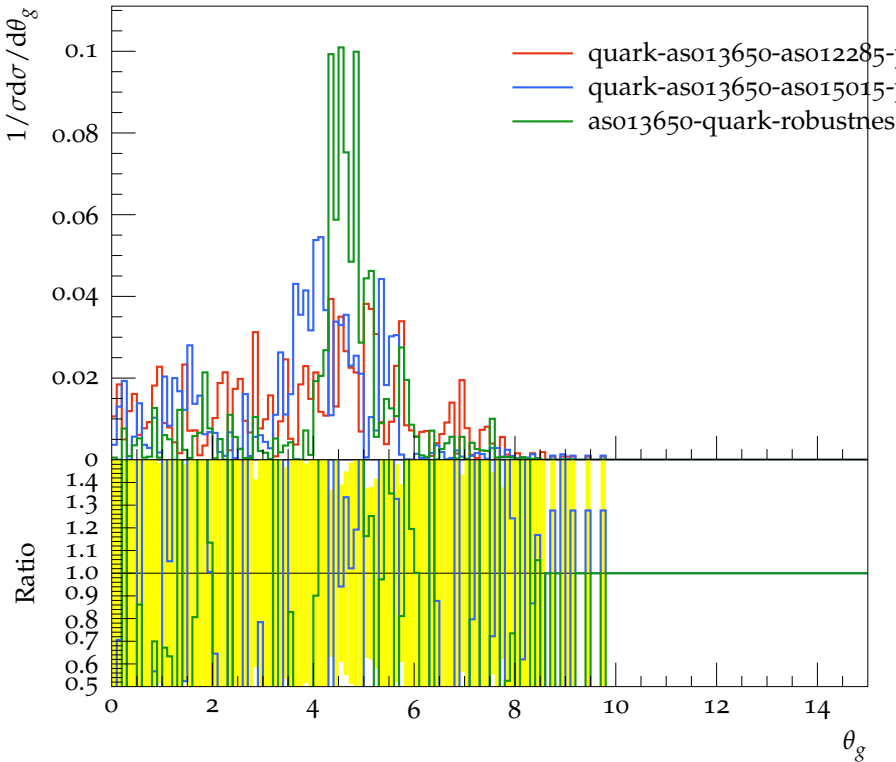
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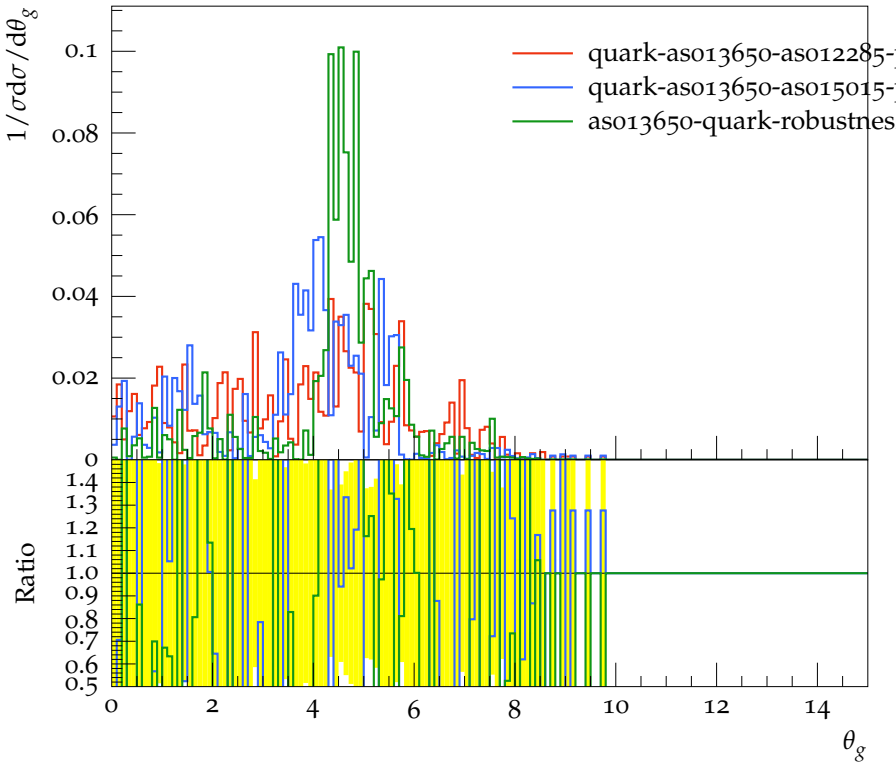
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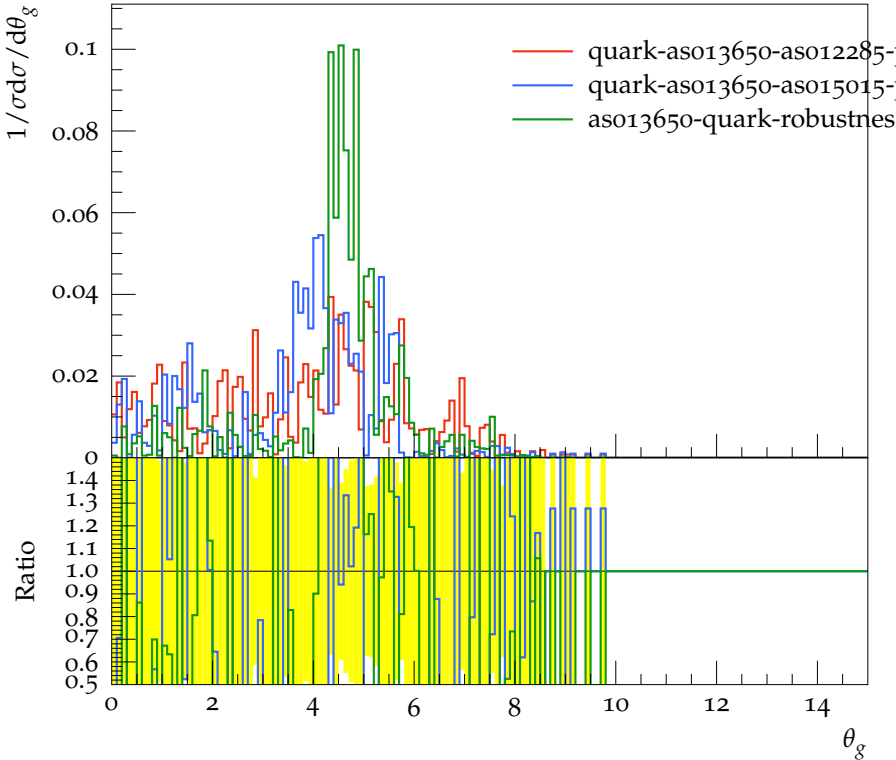
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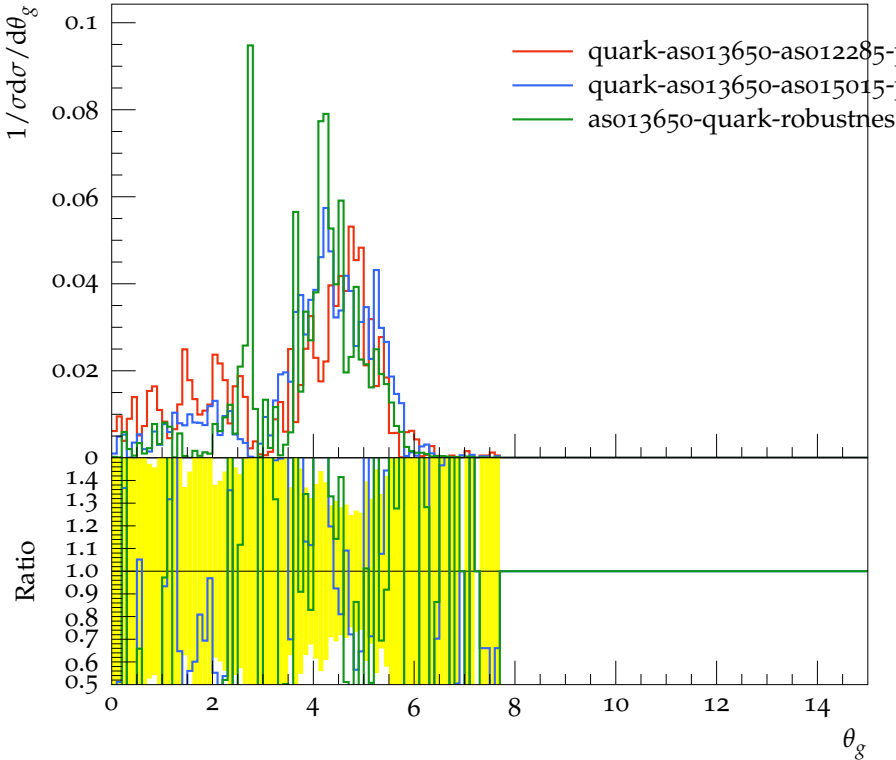
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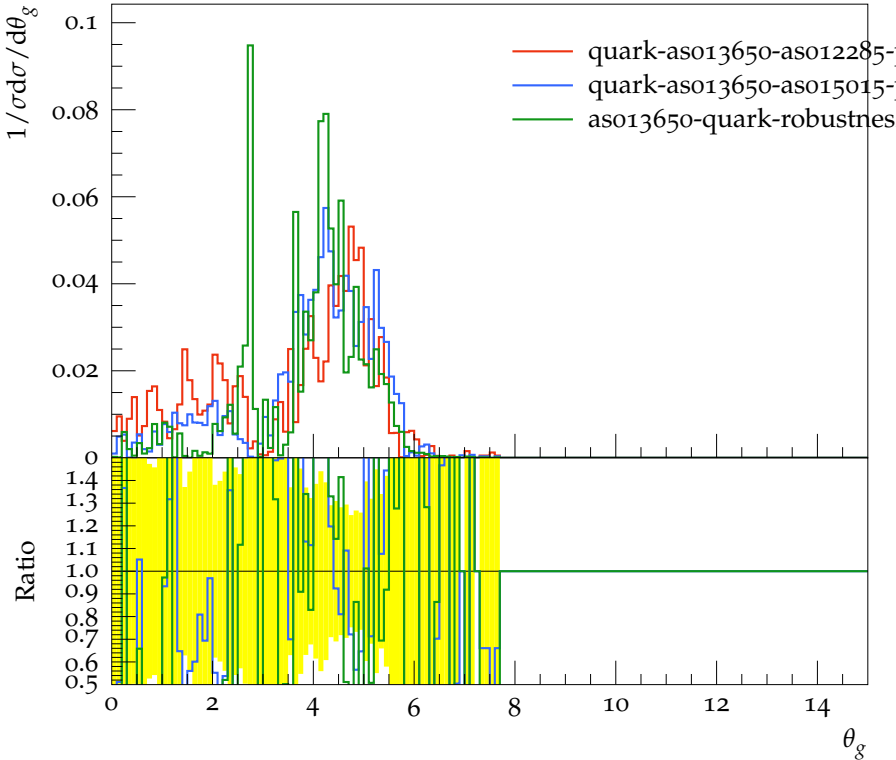
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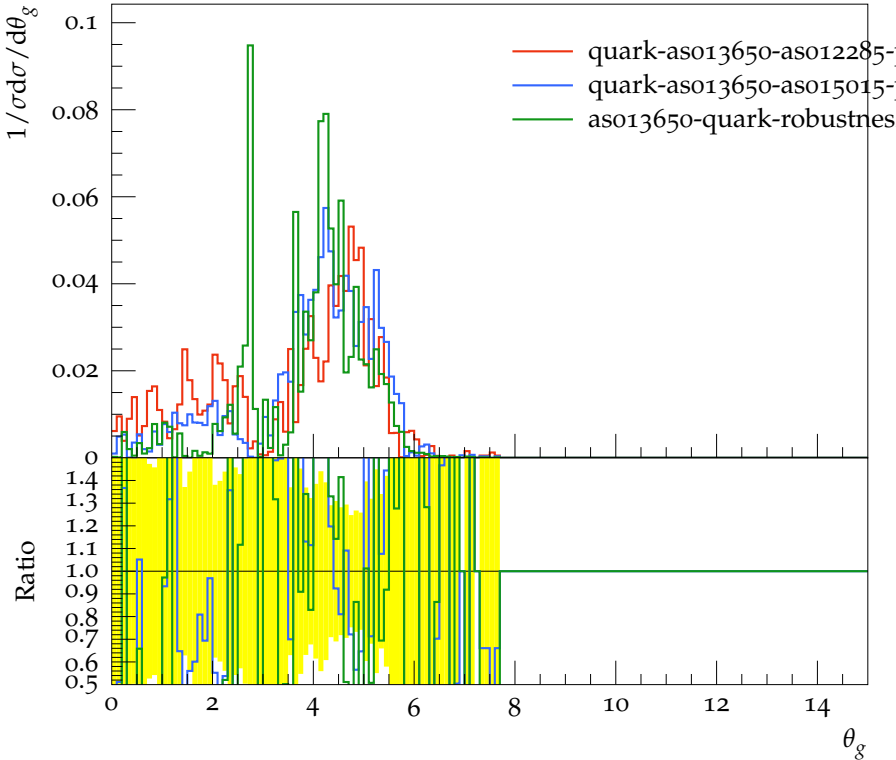
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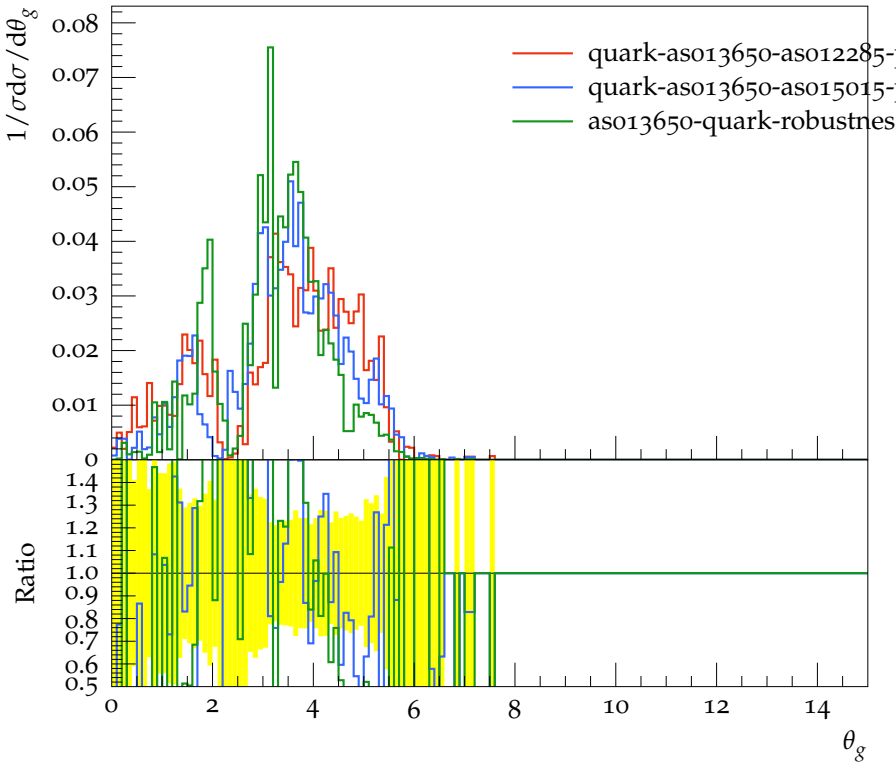
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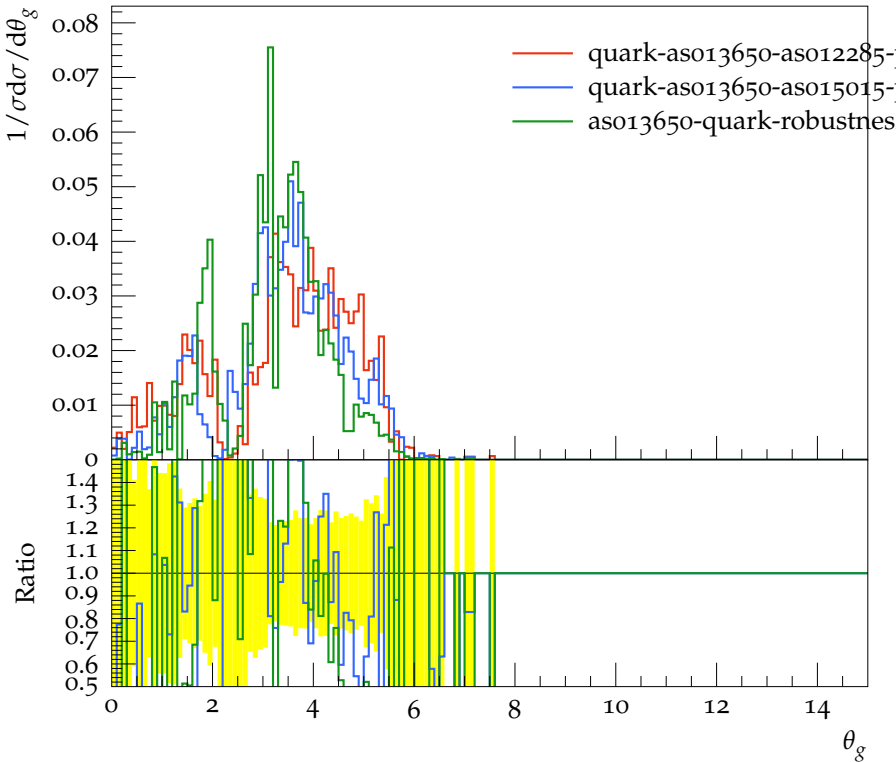
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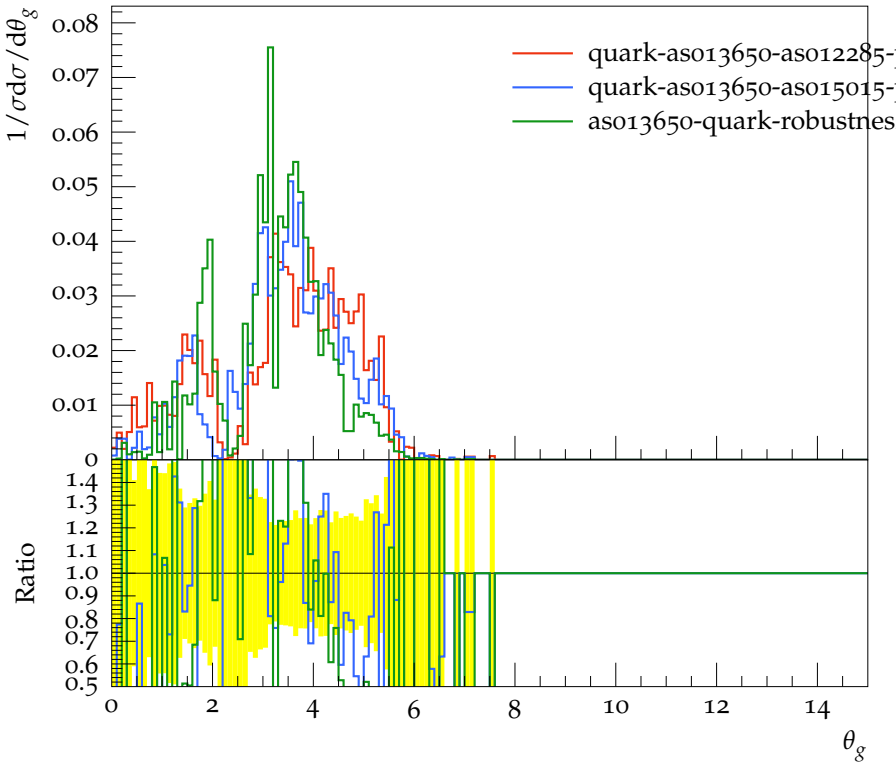
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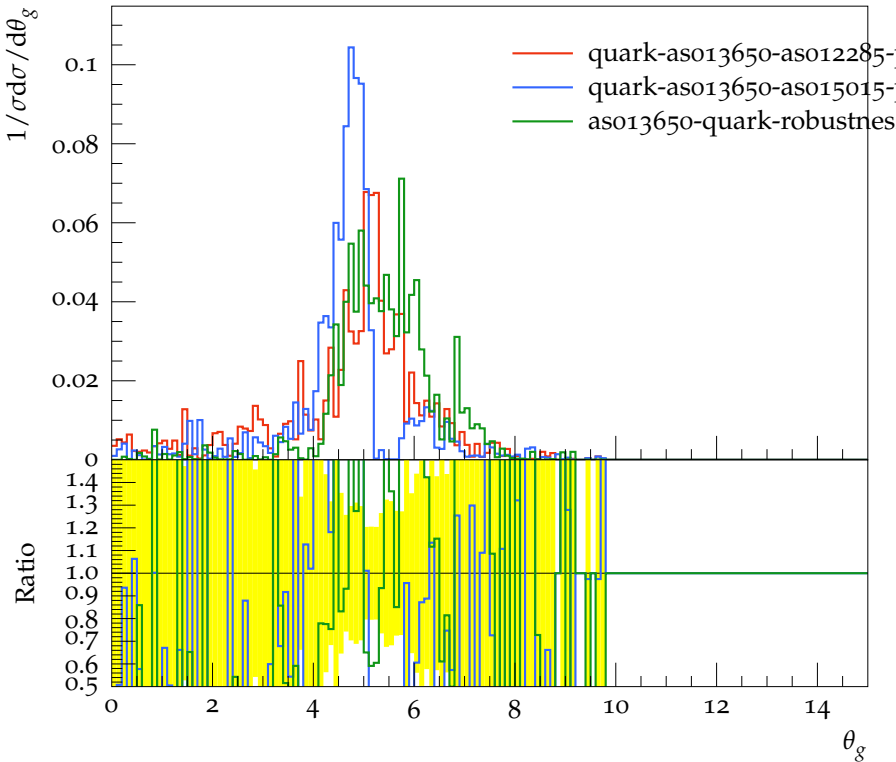
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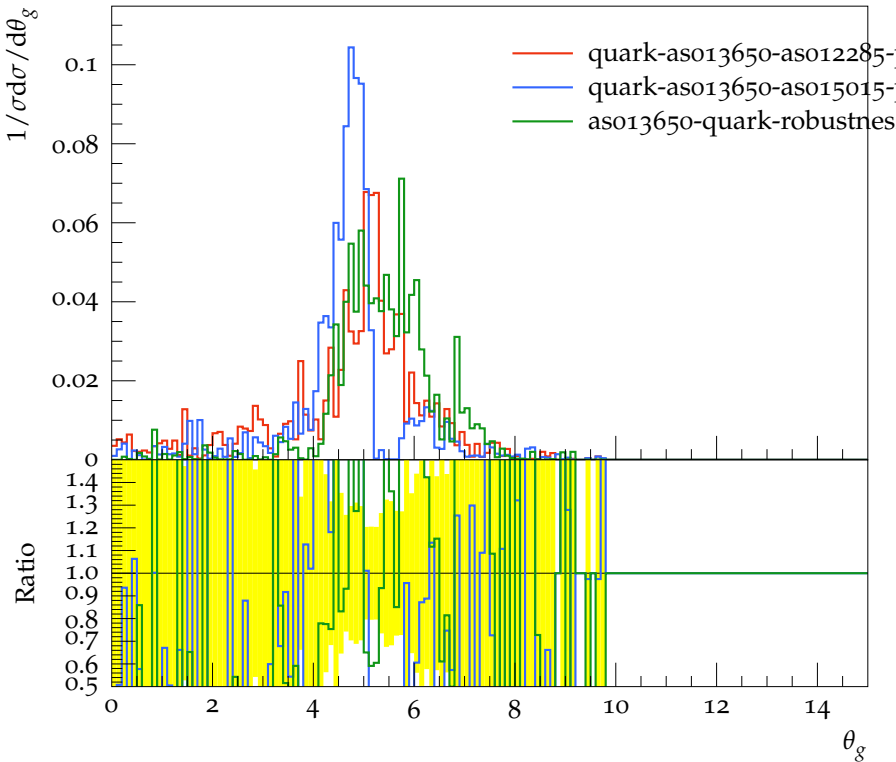
$$\theta_g, \alpha = 2 \quad z_{cut} = 0.1 \quad \beta = 2$$



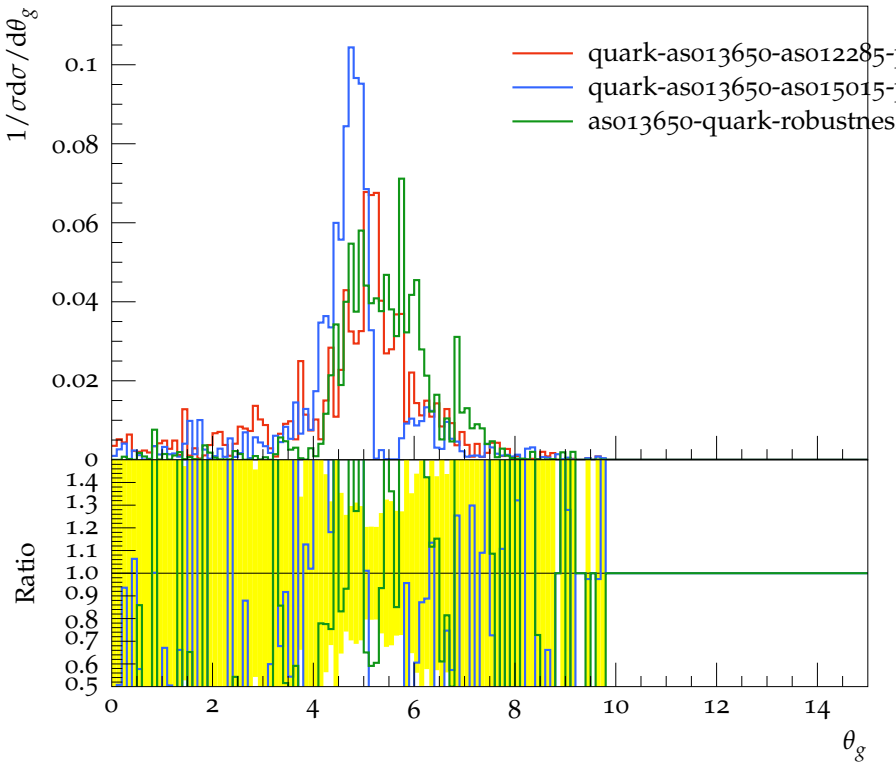
$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.2 \ \beta = 0$$



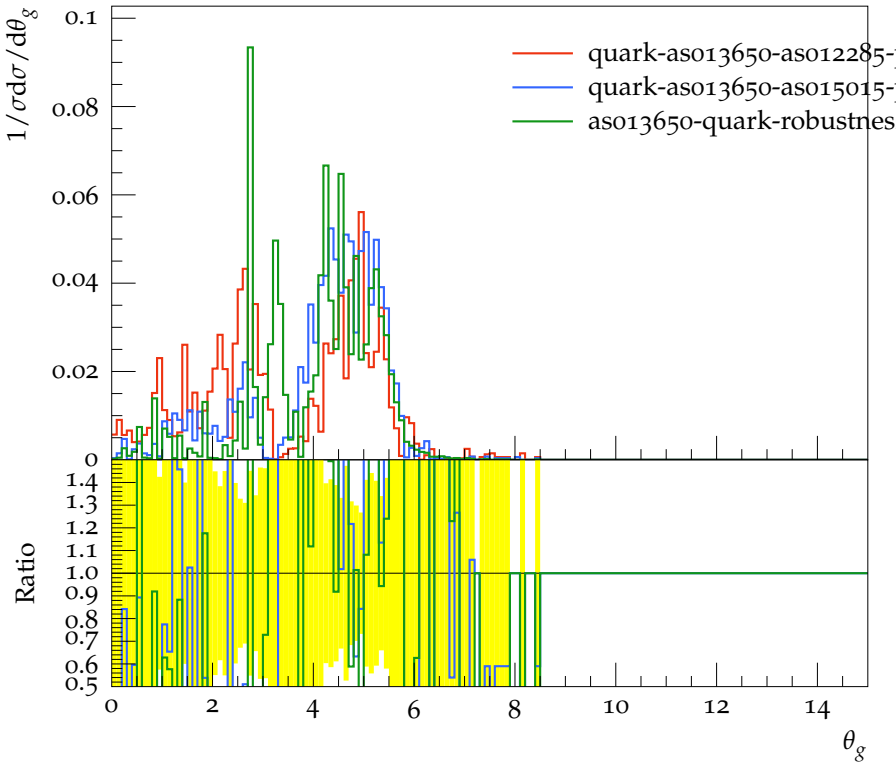
$$\theta_g, \alpha = 1 \quad z_{cut} = 0.2 \quad \beta = 0$$



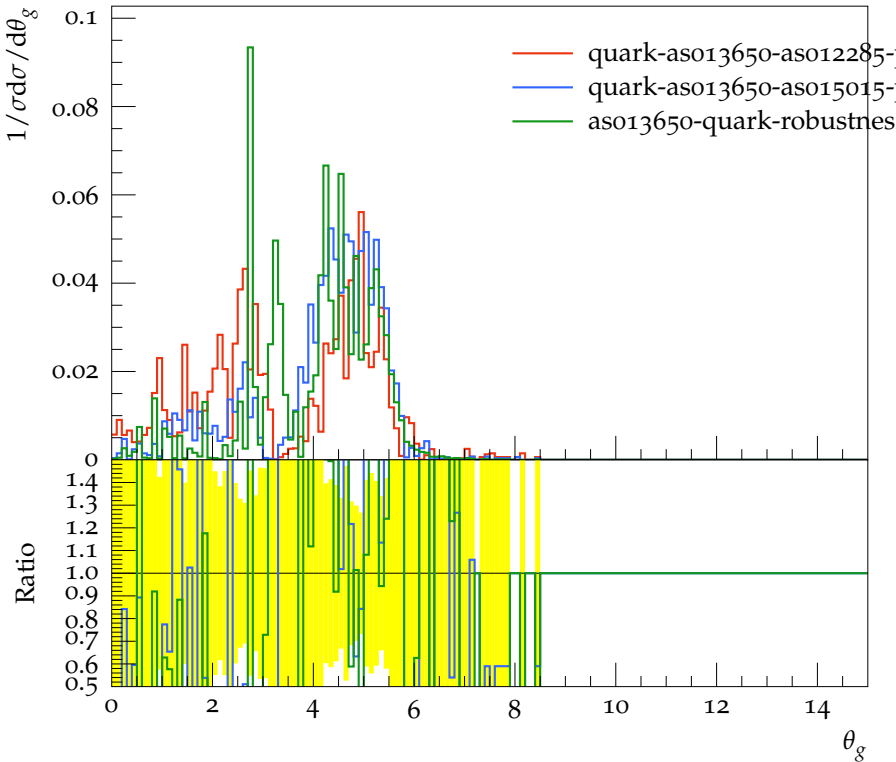
$$\theta_g, \alpha = 2 \ z_{cut} = 0.2 \ \beta = 0$$



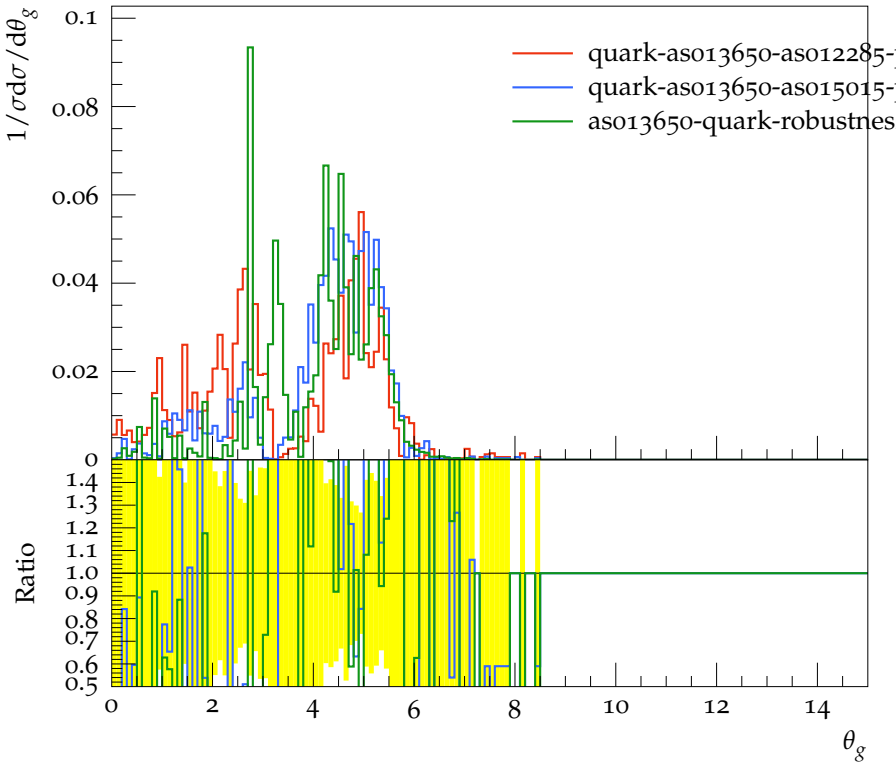
$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.2 \ \beta = 1$$



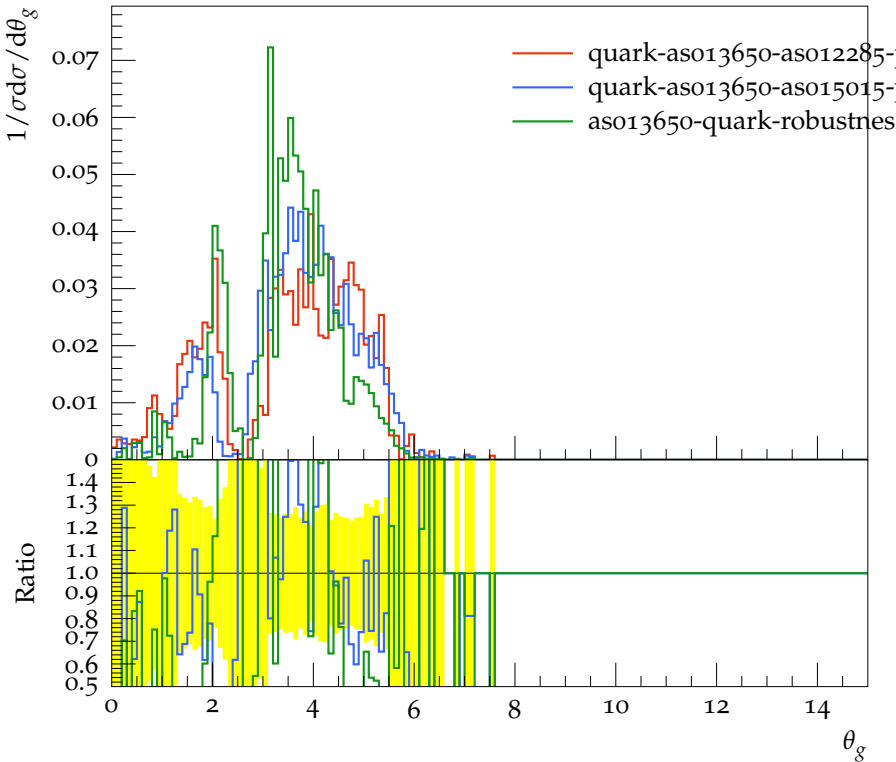
$$\theta_g, \alpha = 1 \ z_{cut} = 0.2 \ \beta = 1$$



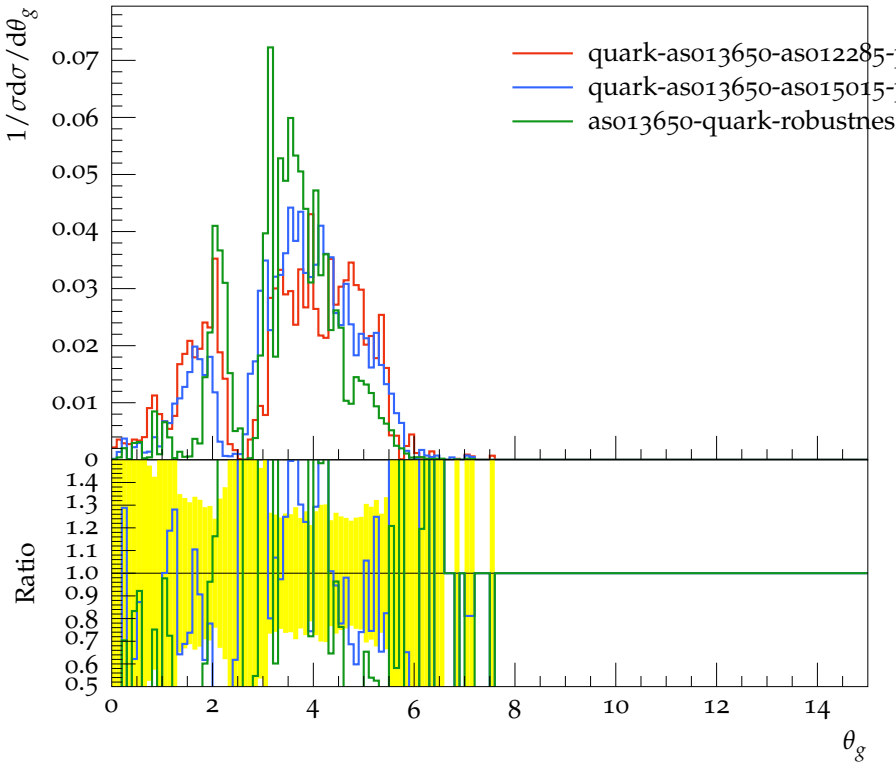
$$\theta_g, \alpha = 2 \ z_{cut} = 0.2 \ \beta = 1$$



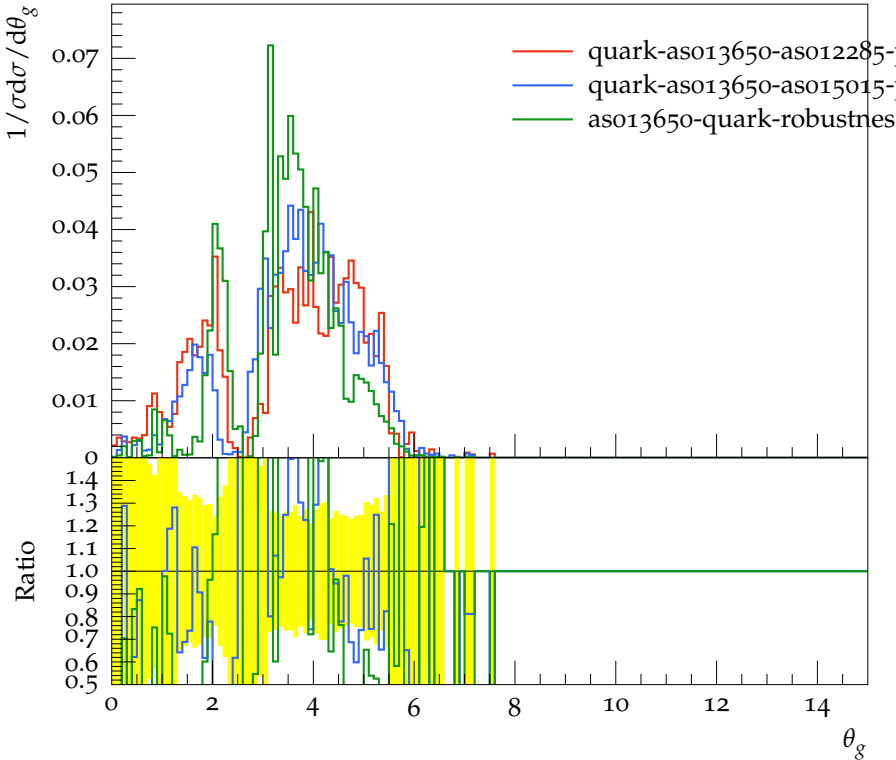
$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.2 \ \beta = 2$$



$$\theta_g, \alpha = 1 \quad z_{cut} = 0.2 \quad \beta = 2$$



$$\theta_g, \alpha = 2 \ z_{cut} = 0.2 \ \beta = 2$$

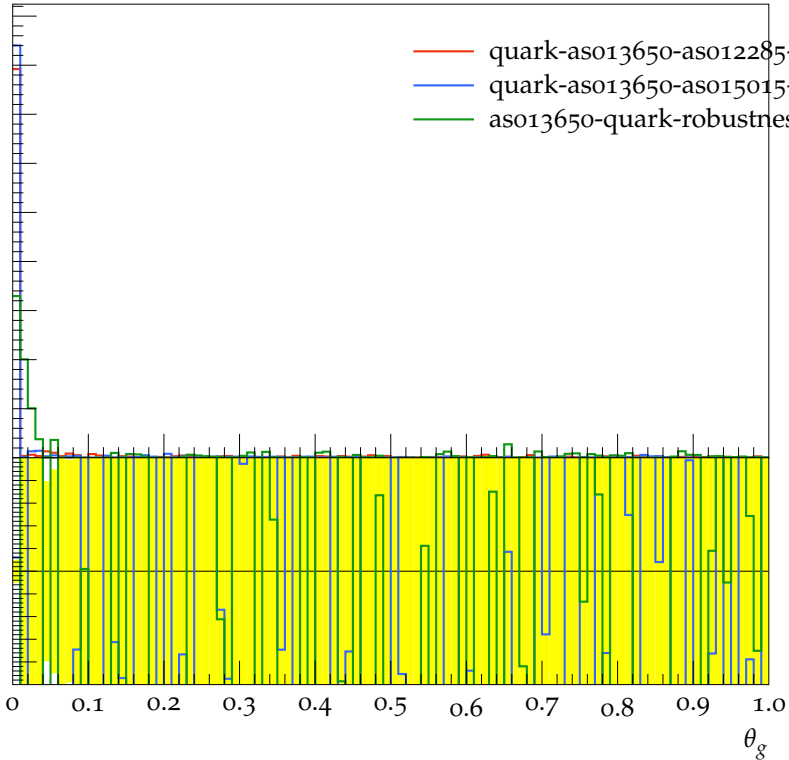


$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.05 \ \beta = 0$$

 $1/\sigma d\sigma/d\theta_g$

- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

Ratio

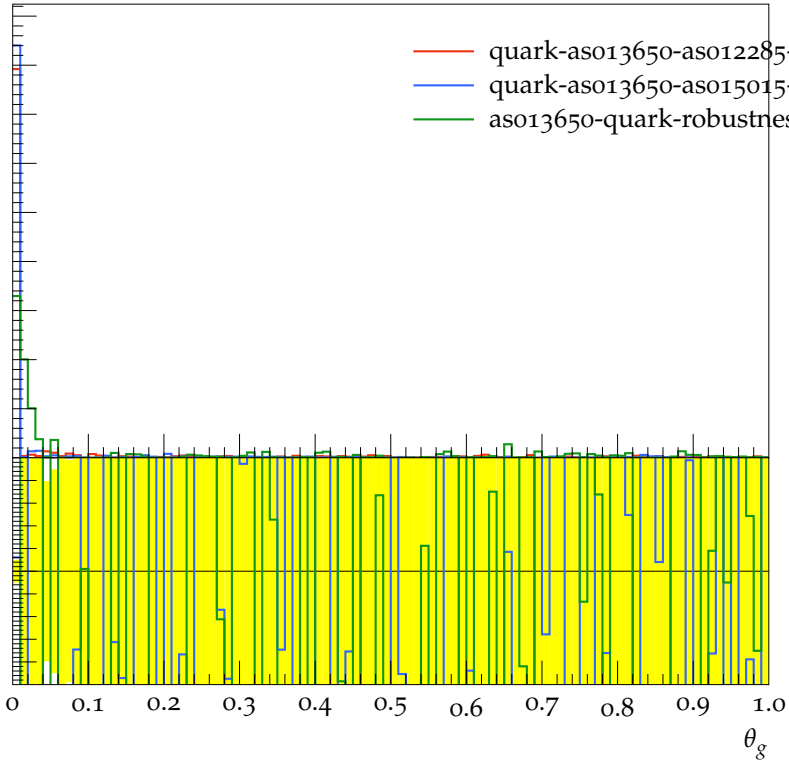


$$\theta_g, \alpha = 1 \quad z_{cut} = 0.05 \quad \beta = 0$$

 $1/\sigma d\sigma/d\theta_g$

Ratio

- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

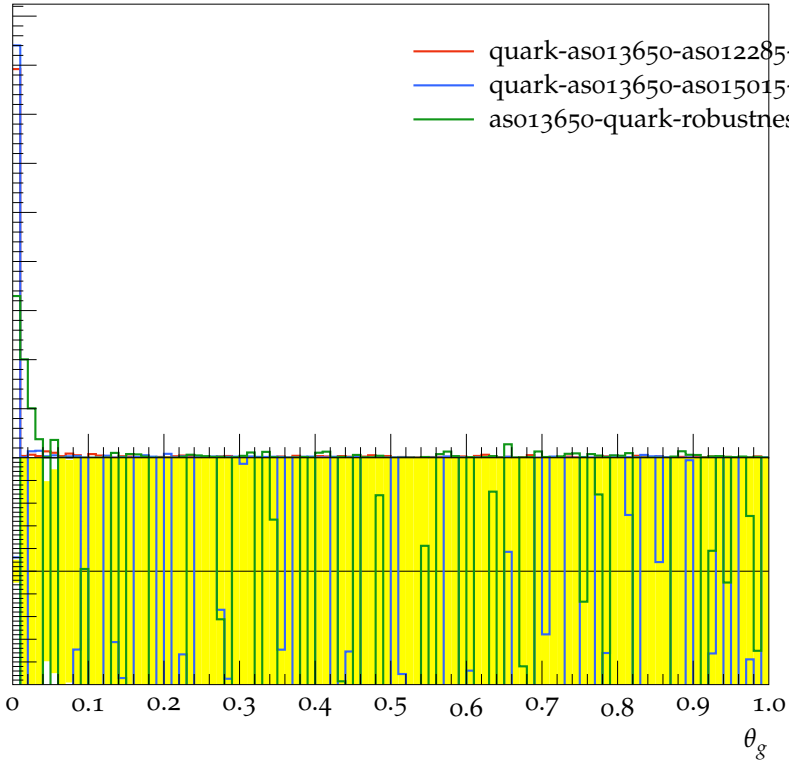


$$\theta_g, \alpha = 2 \ z_{cut} = 0.05 \ \beta = 0$$

 $1/\sigma d\sigma/d\theta_g$

Ratio

- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

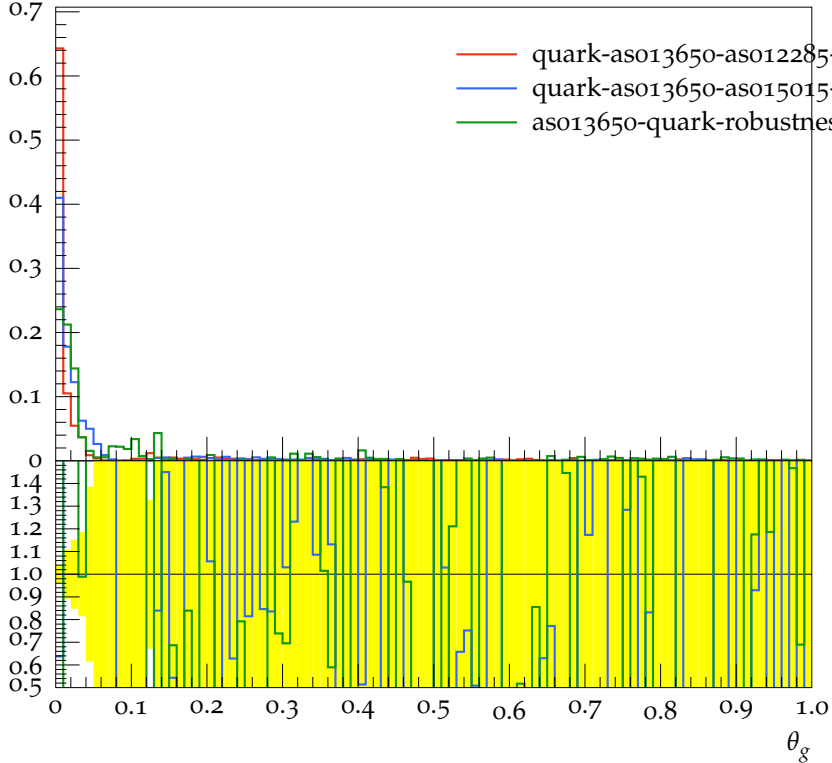


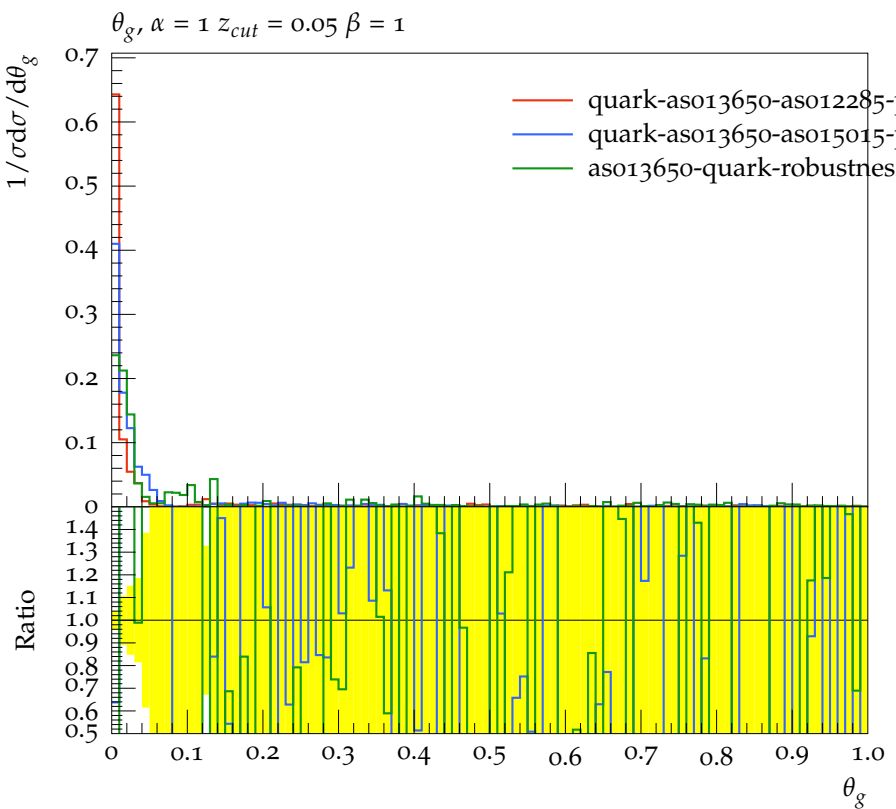
$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.05 \ \beta = 1$$

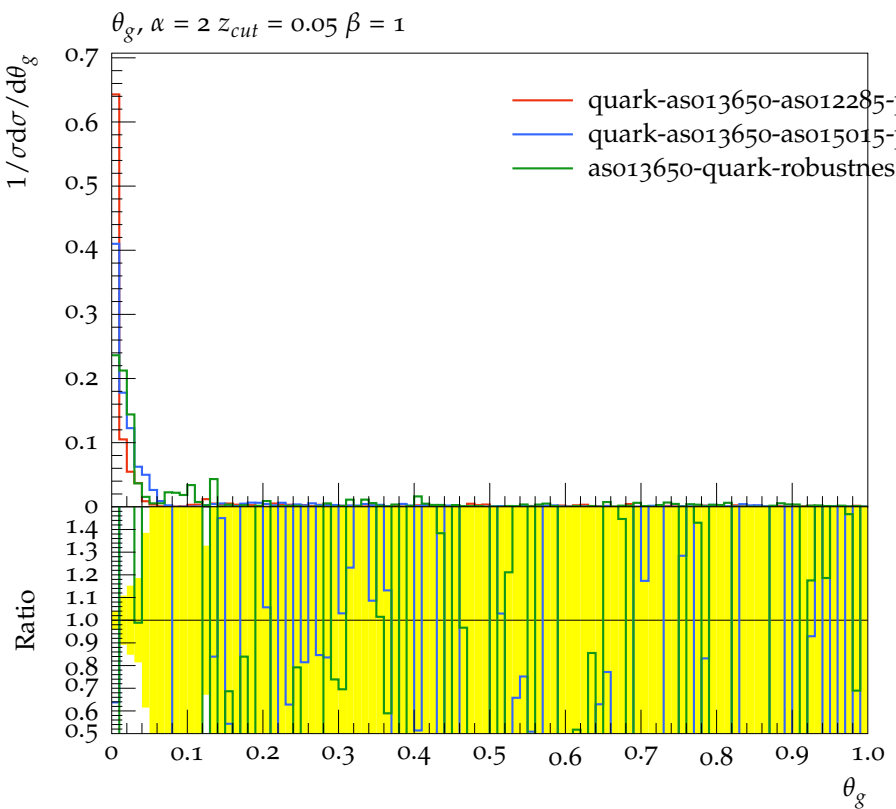
 $1/\sigma d\sigma/d\theta_g$

- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

Ratio





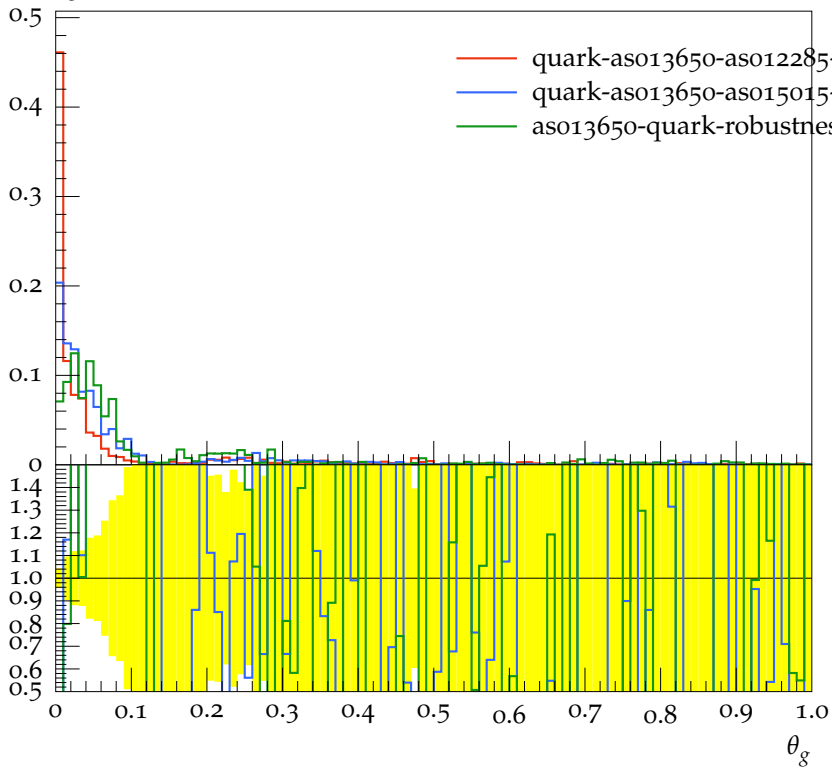


$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.05 \ \beta = 2$$

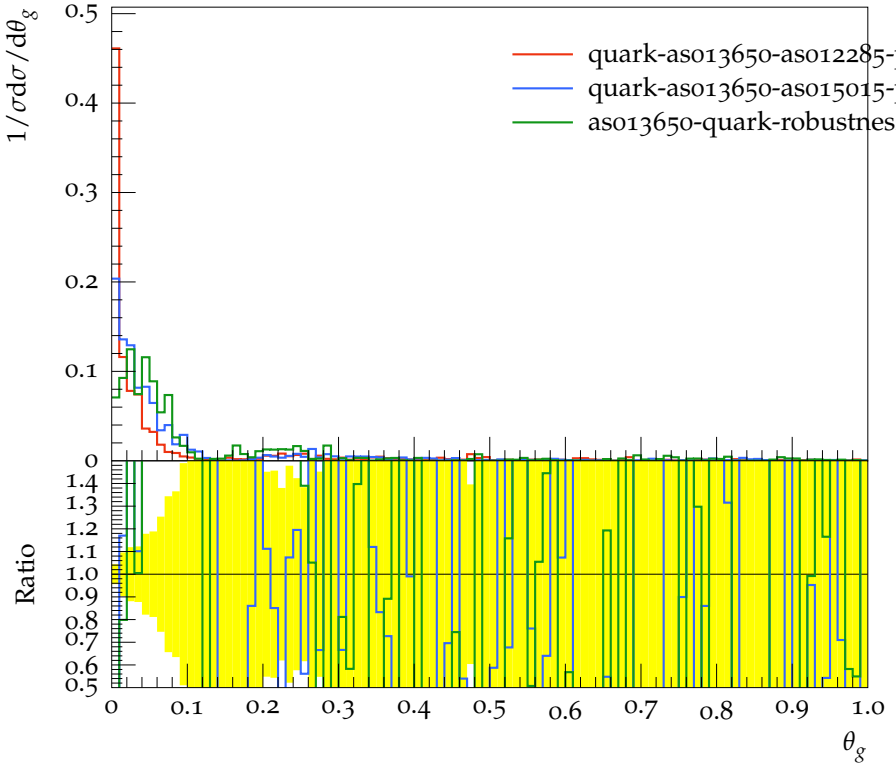
 $1/\sigma d\sigma/d\theta_g$

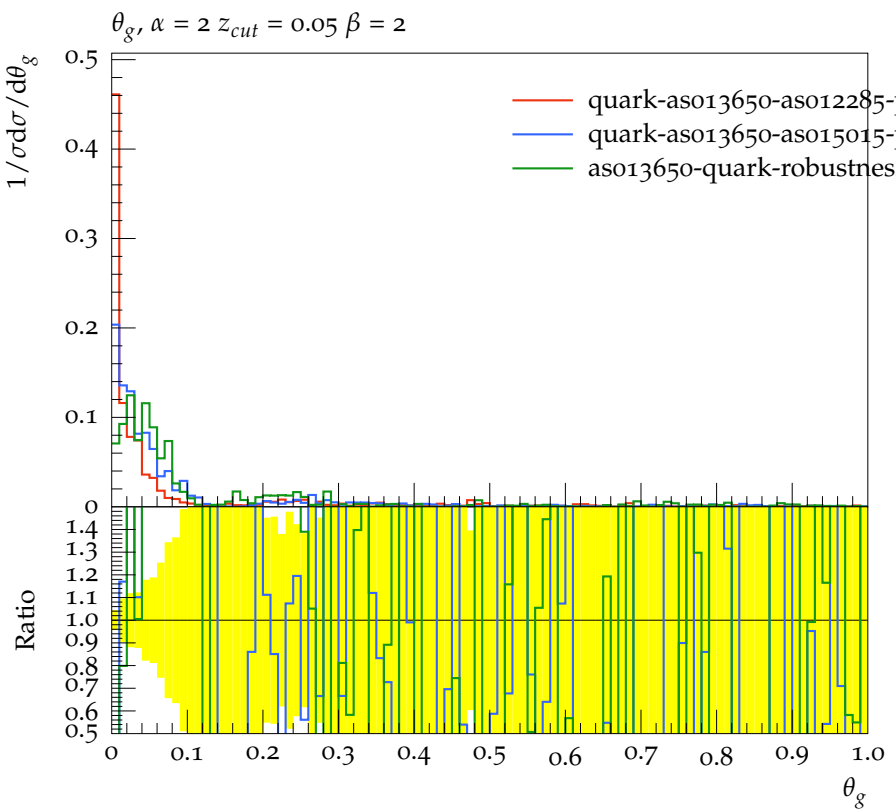
- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

Ratio



$$\theta_g, \alpha = 1 \quad z_{cut} = 0.05 \quad \beta = 2$$



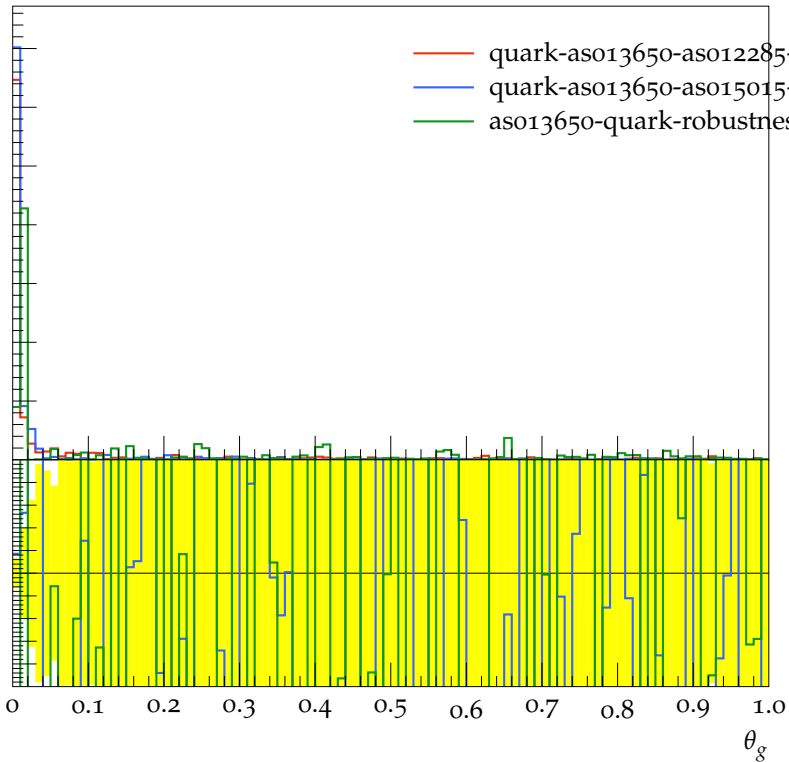


$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.1 \ \beta = 0$$

 $1/\sigma d\sigma/d\theta_g$

Ratio

- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

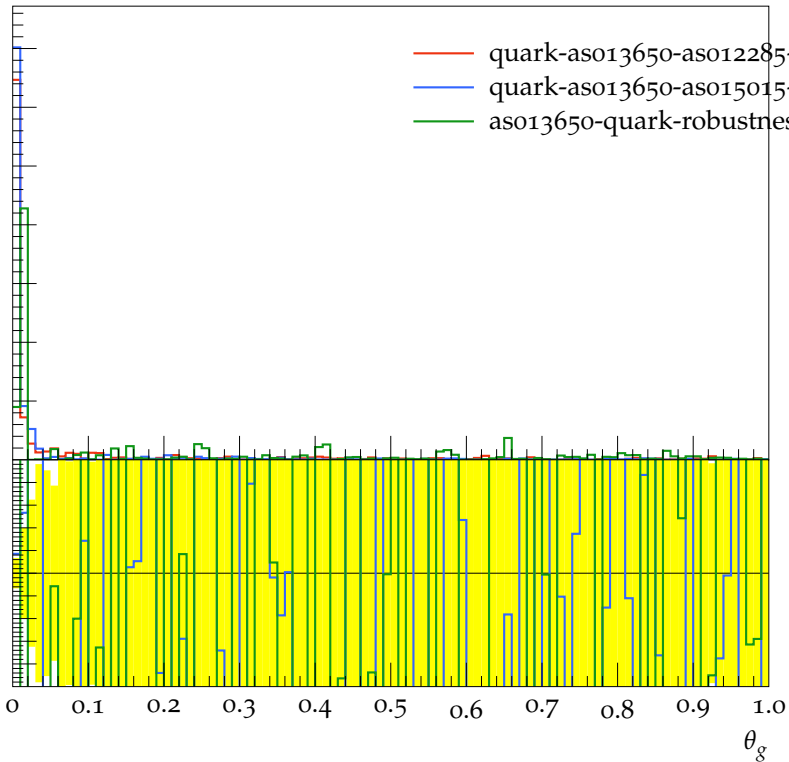


$$\theta_g, \alpha = 1 \ z_{cut} = 0.1 \ \beta = 0$$

$$1/\sigma d\sigma/d\theta_g$$

Ratio

- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

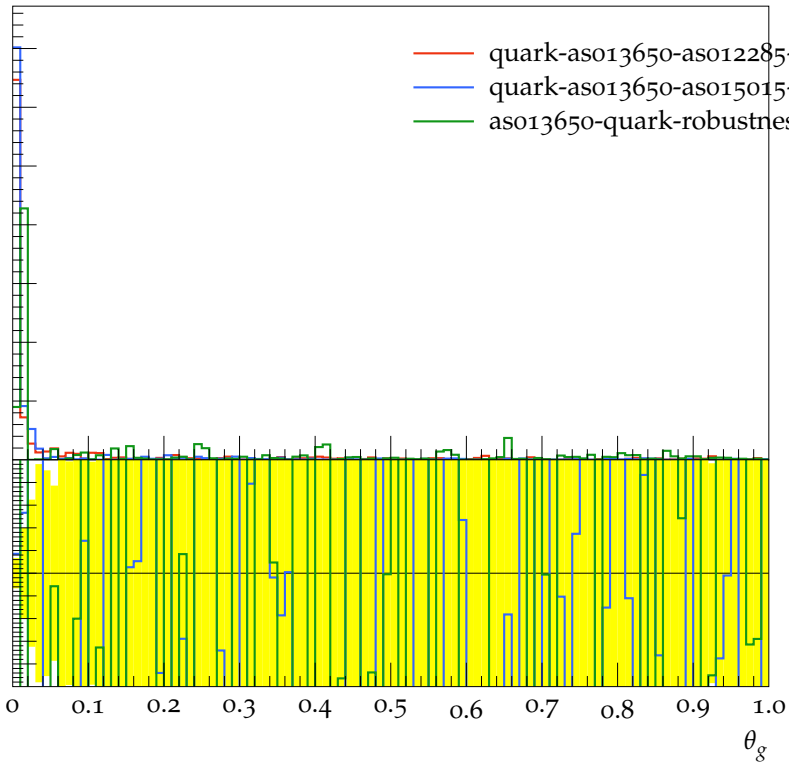


$$\theta_g, \alpha = 2 \ z_{cut} = 0.1 \ \beta = 0$$

$$1/\sigma d\sigma/d\theta_g$$

Ratio

- quark-as013650-as012285-
- quark-as013650-as015015-
- as013650-quark-robustnes

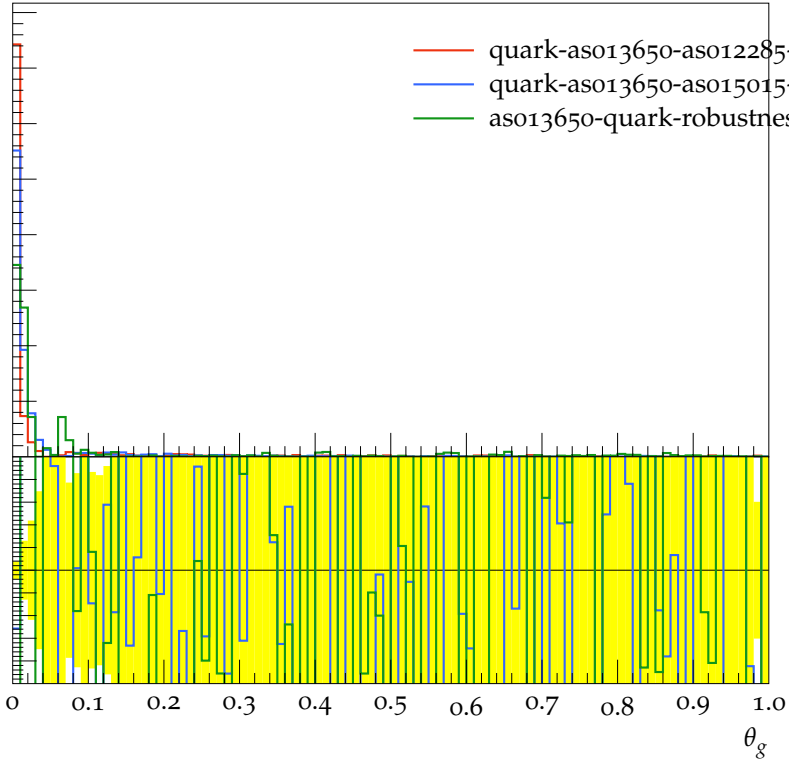


$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.1 \ \beta = 1$$

 $1/\sigma d\sigma/d\theta_g$

- quark-aso13650-aso12285-
- quark-aso13650-aso15015-
- aso13650-quark-robustnes

Ratio

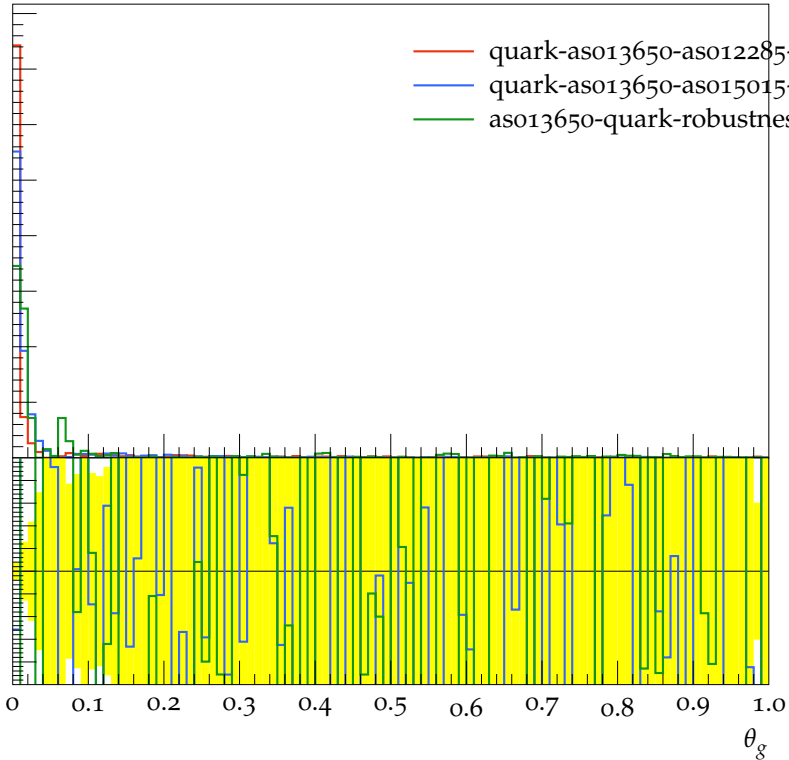


$$\theta_g, \alpha = 1 \quad z_{cut} = 0.1 \quad \beta = 1$$

 $1/\sigma d\sigma/d\theta_g$

Ratio

- quark-as013650-as012285-
- quark-as013650-as015015-
- as013650-quark-robustnes

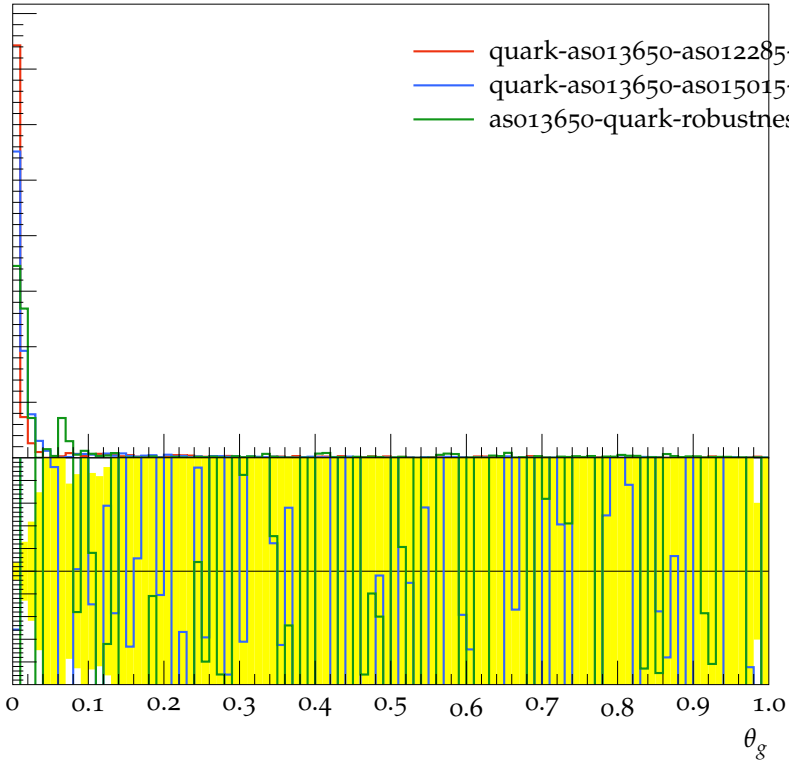


$$\theta_g, \alpha = 2 \ z_{cut} = 0.1 \ \beta = 1$$

$$1/\sigma d\sigma/d\theta_g$$

Ratio

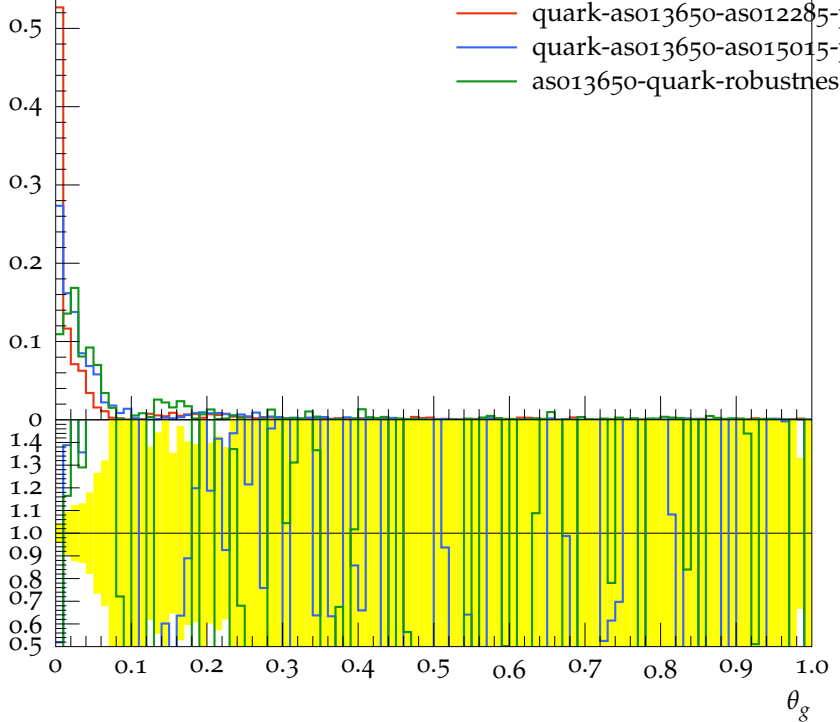
- quark-as013650-as012285-
- quark-as013650-as015015-
- as013650-quark-robustnes



$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.1 \ \beta = 2$$

 $1/\sigma d\sigma/d\theta_g$

Ratio



$$\theta_g, \alpha = 1 \quad z_{cut} = 0.1 \quad \beta = 2$$

 $1/\sigma d\sigma/d\theta_g$

Ratio

0.5

0.4

0.3

0.2

0.1

0

0.1

0.2

0.3

0.4

0.5

0.6

quark-as013650-as012285-

quark-as013650-as015015-

as013650-quark-robustnes

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1.0

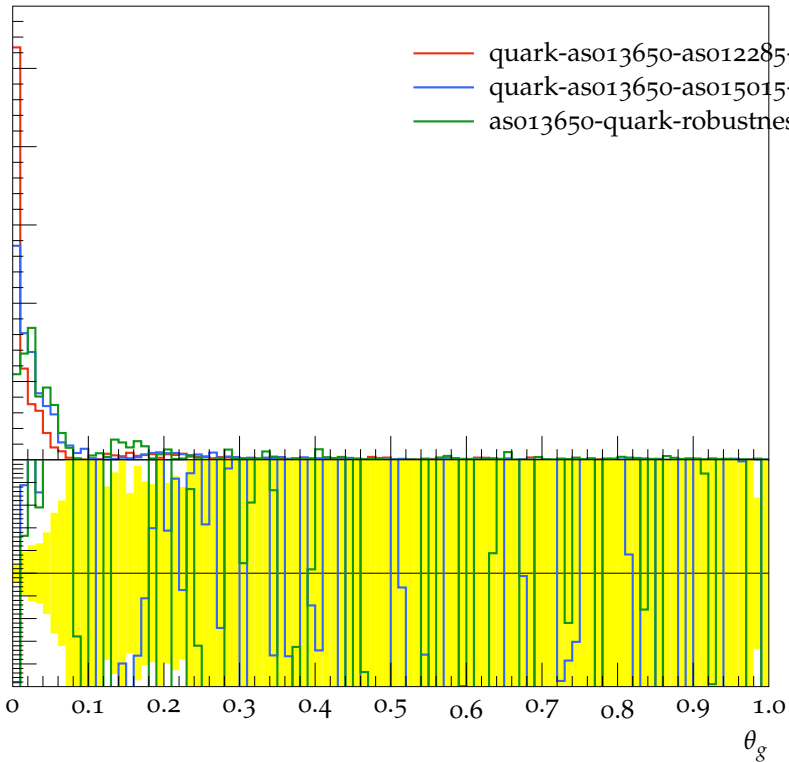
 θ_g

$$\theta_g, \alpha = 2 \ z_{cut} = 0.1 \ \beta = 2$$

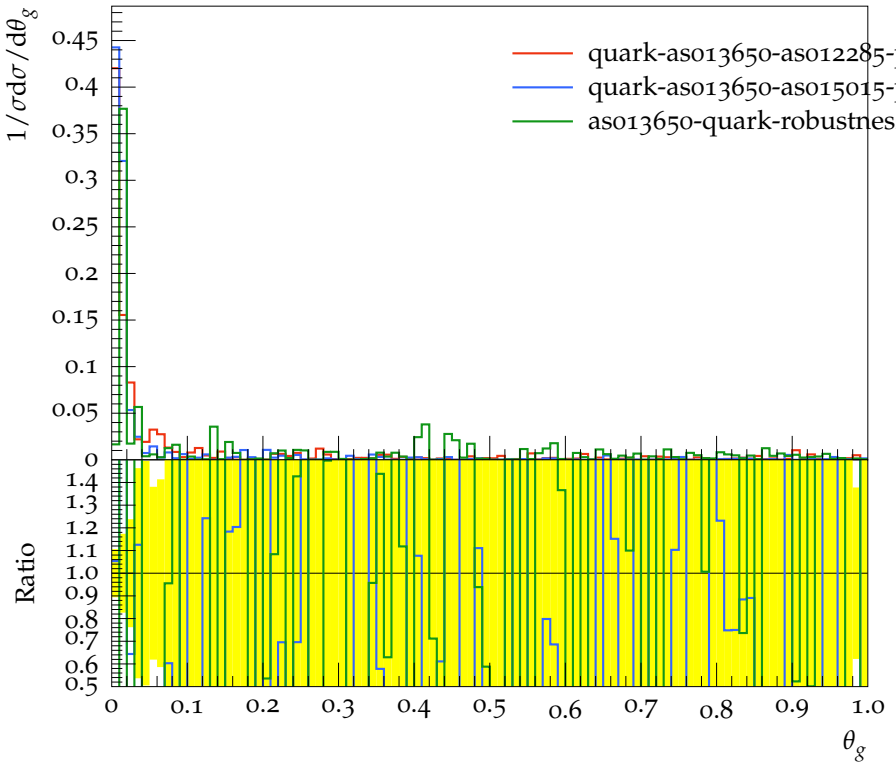
$$1/\sigma d\sigma/d\theta_g$$

Ratio

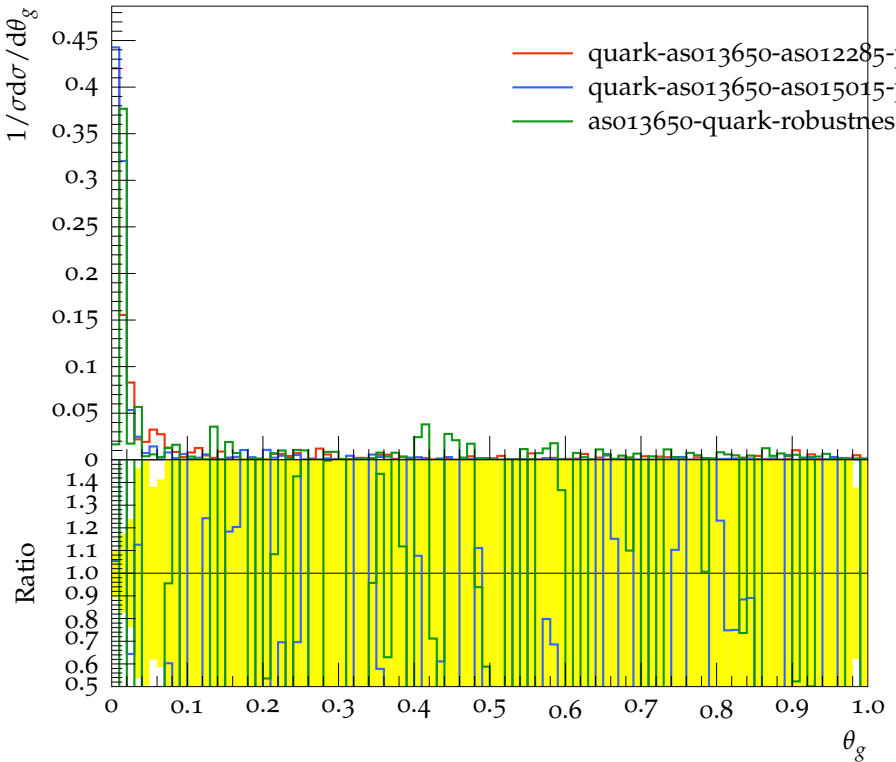
- quark-as013650-as012285-
- quark-as013650-as015015-
- as013650-quark-robustnes



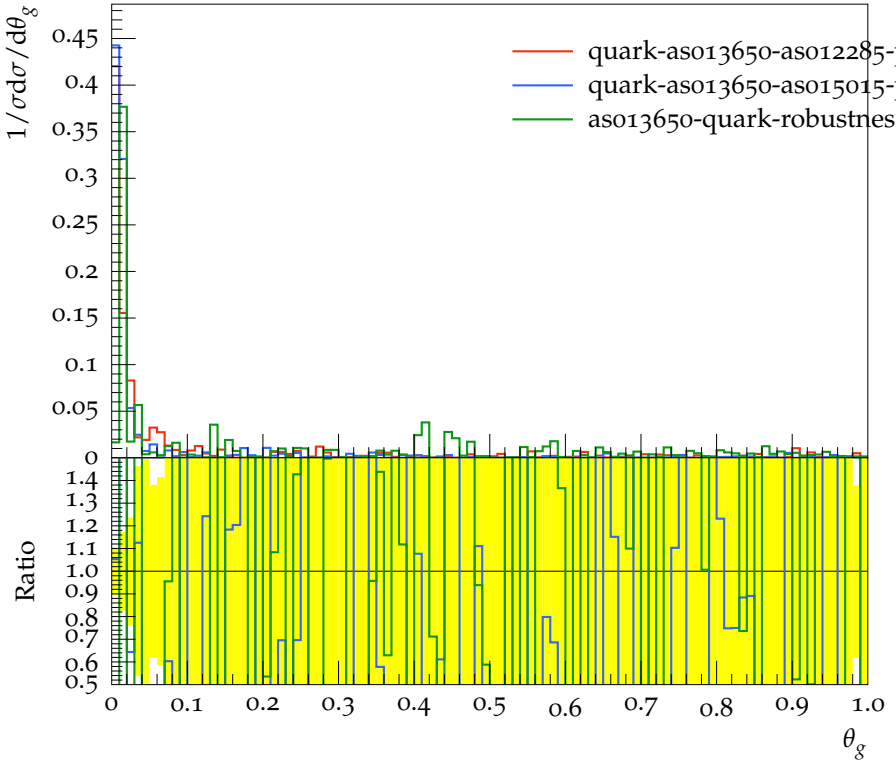
$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.2 \ \beta = 0$$



$$\theta_g, \alpha = 1 \quad z_{cut} = 0.2 \quad \beta = 0$$



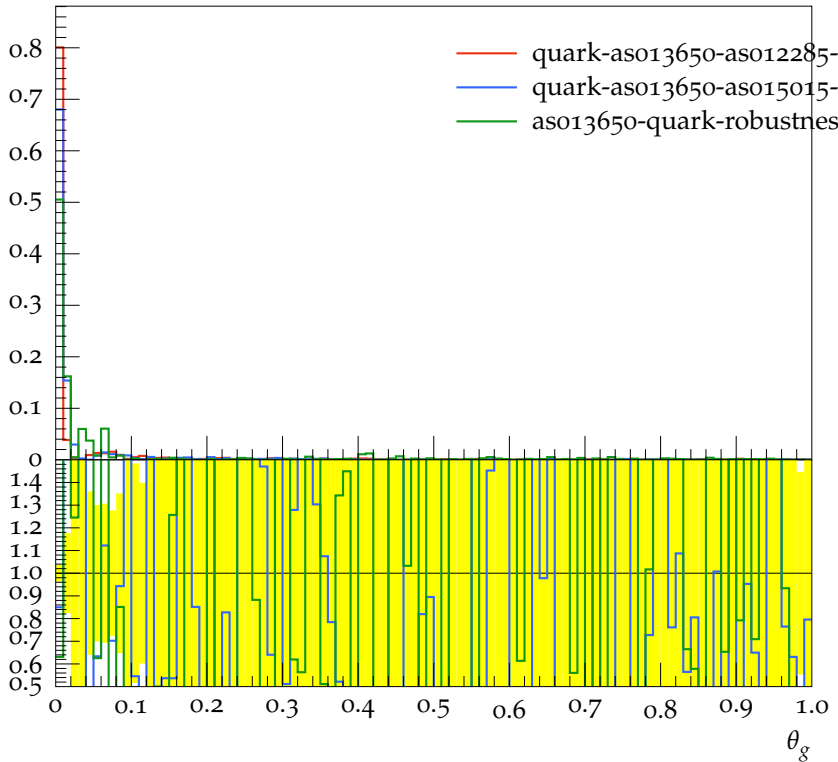
$$\theta_g, \alpha = 2 \ z_{cut} = 0.2 \ \beta = 0$$



$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.2 \ \beta = 1$$

 $1/\sigma d\sigma/d\theta_g$

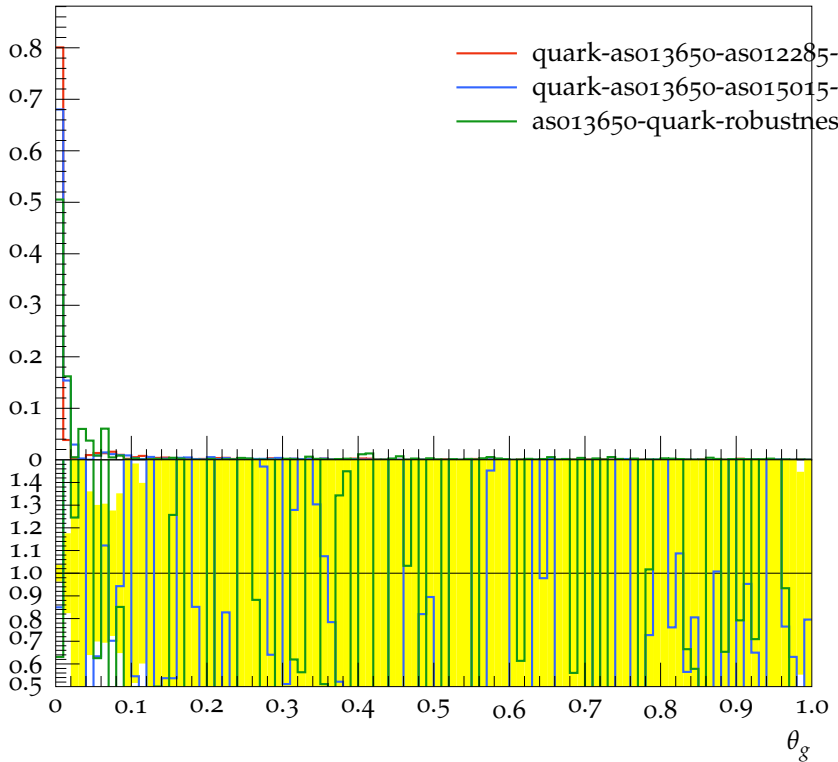
Ratio



$$\theta_g, \alpha = 1 \quad z_{cut} = 0.2 \quad \beta = 1$$

 $1/\sigma d\sigma/d\theta_g$

Ratio

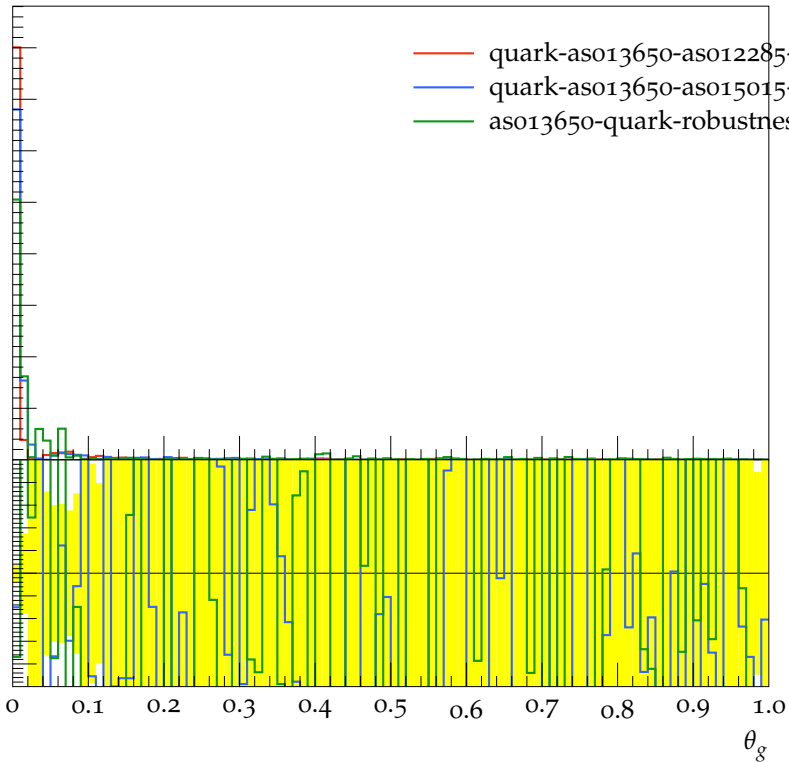


$$\theta_g, \alpha = 2 \ z_{cut} = 0.2 \ \beta = 1$$

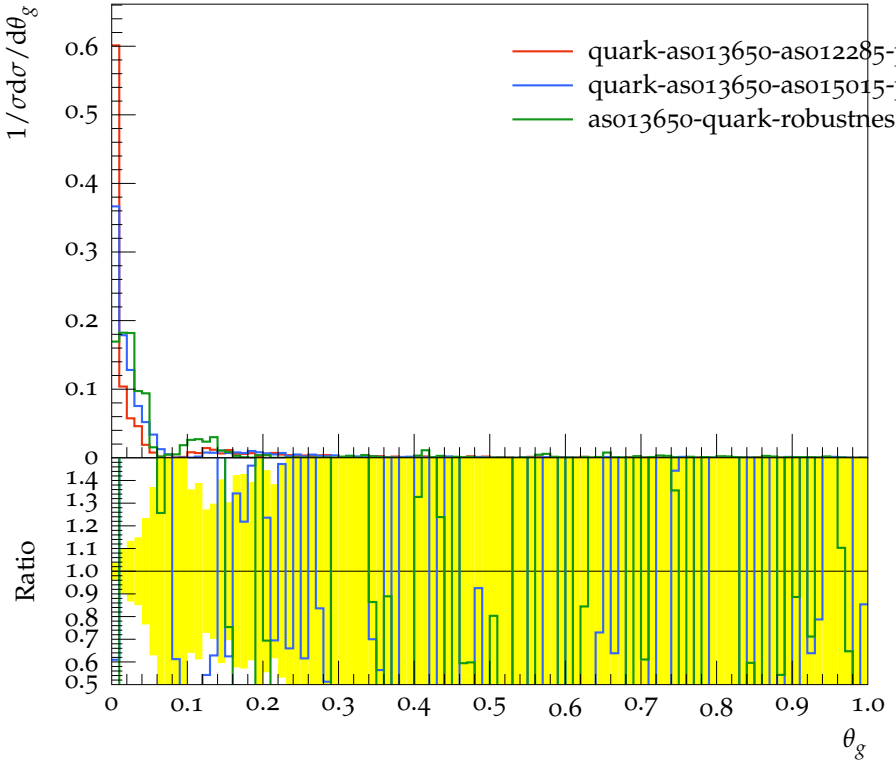
 $1/\sigma d\sigma/d\theta_g$

Ratio

- quark-as013650-as012285-
- quark-as013650-as015015-
- as013650-quark-robustnes



$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.2 \ \beta = 2$$



$$\theta_g, \alpha = 1 \quad z_{cut} = 0.2 \quad \beta = 2$$

 $1/\sigma d\sigma/d\theta_g$

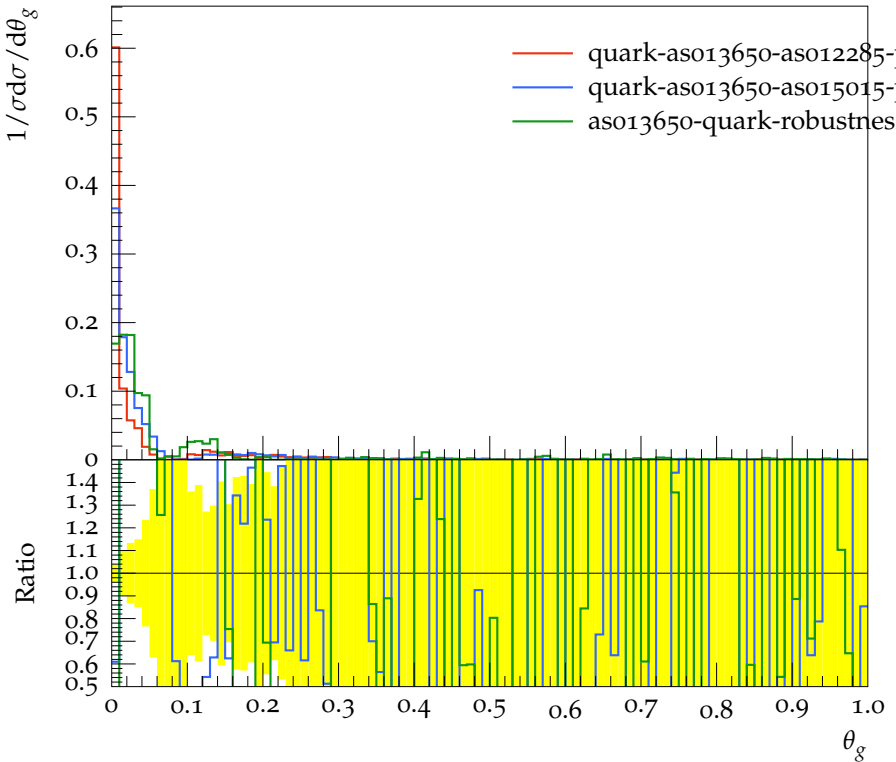
0.6
0.5
0.4
0.3
0.2
0.1
0

quark-aso13650-aso12285-
quark-aso13650-aso15015-
aso13650-quark-robustnes

Ratio

1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5

0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0

 θ_g


$$\theta_g, \alpha = 2 \quad z_{cut} = 0.2 \quad \beta = 2$$

 $1/\sigma d\sigma/d\theta_g$
