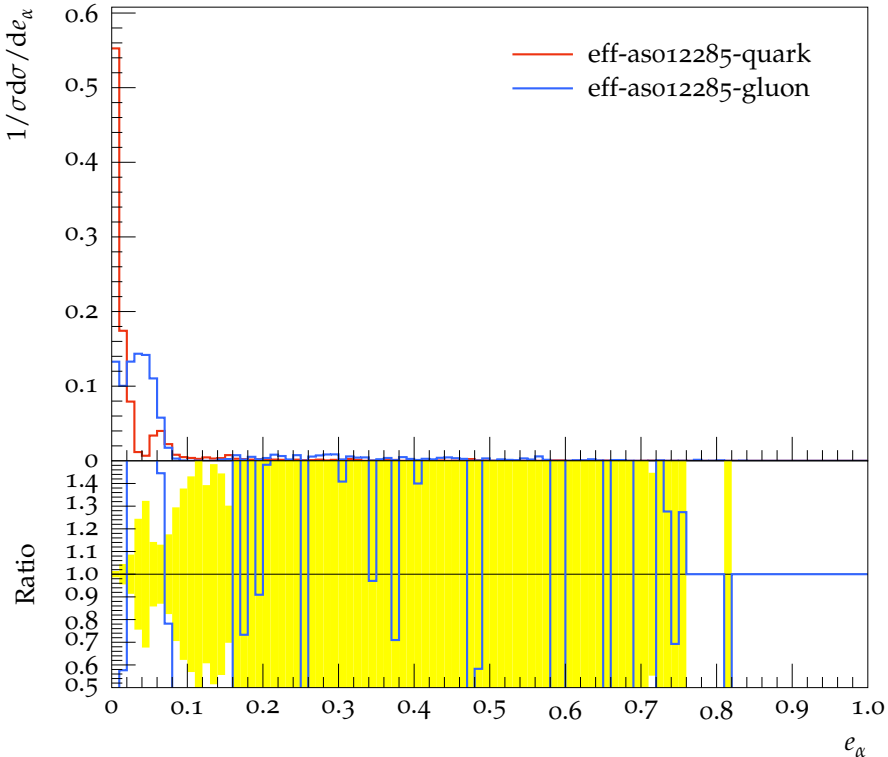
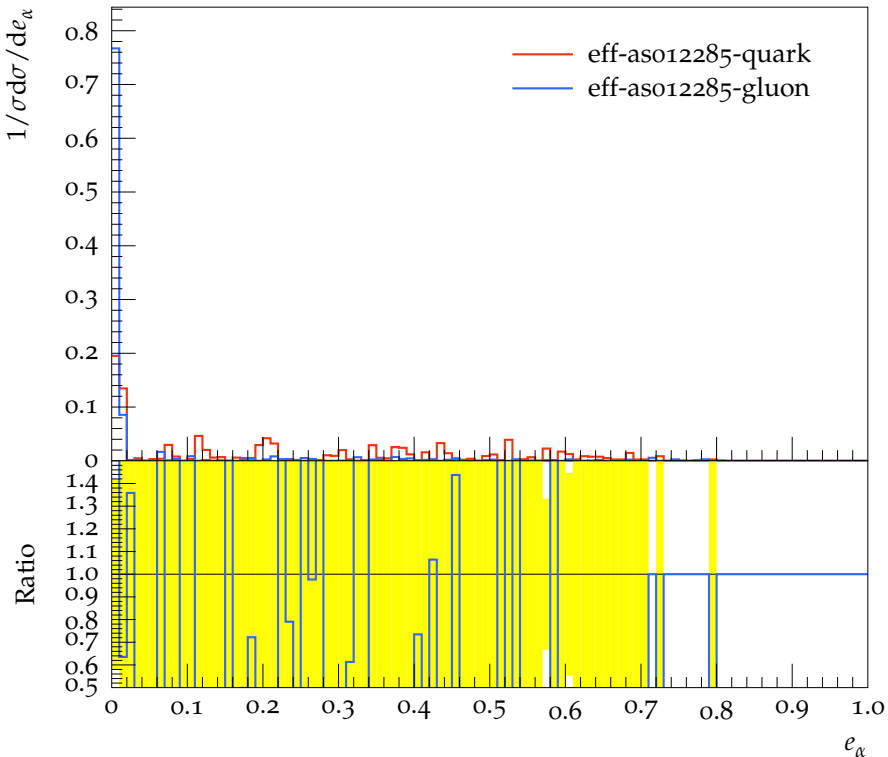


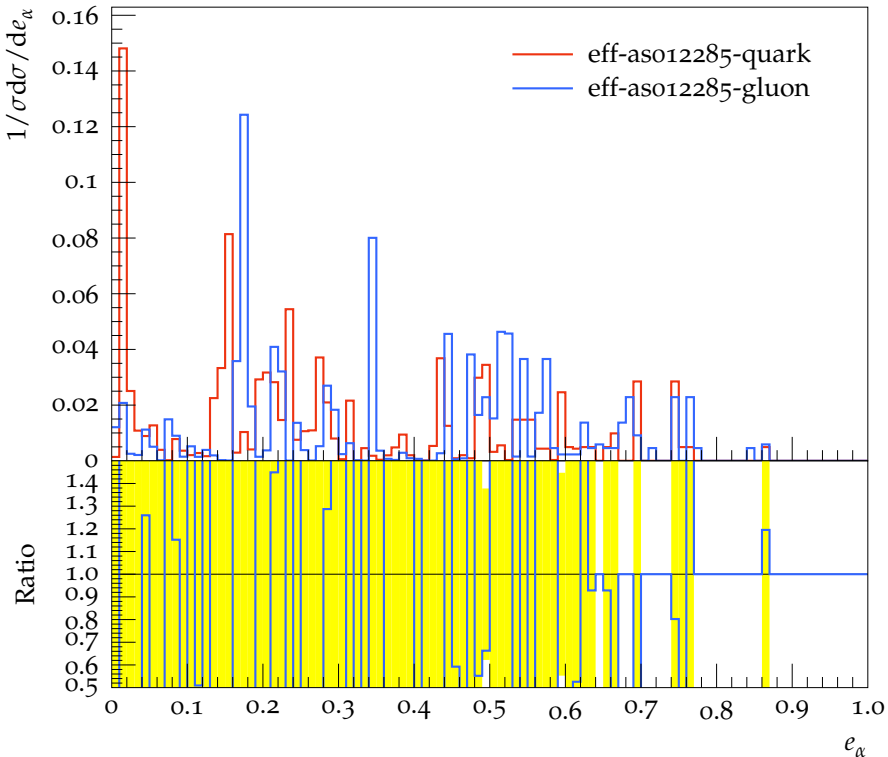
Angularity, $\alpha = 0.5$ $z_{cut} = 0.05$ $\beta = 0$



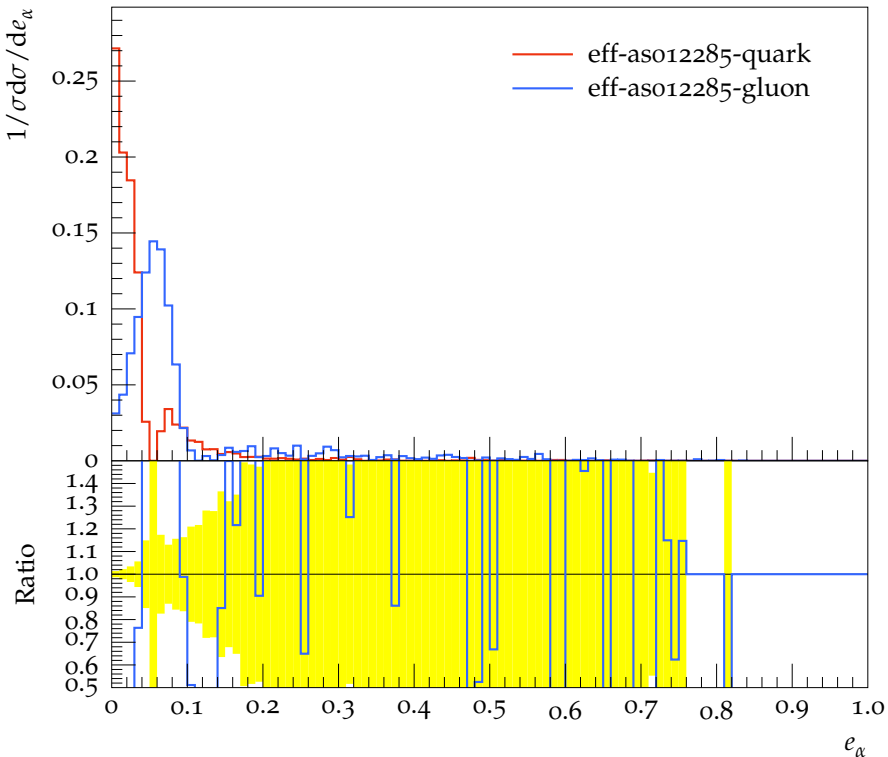
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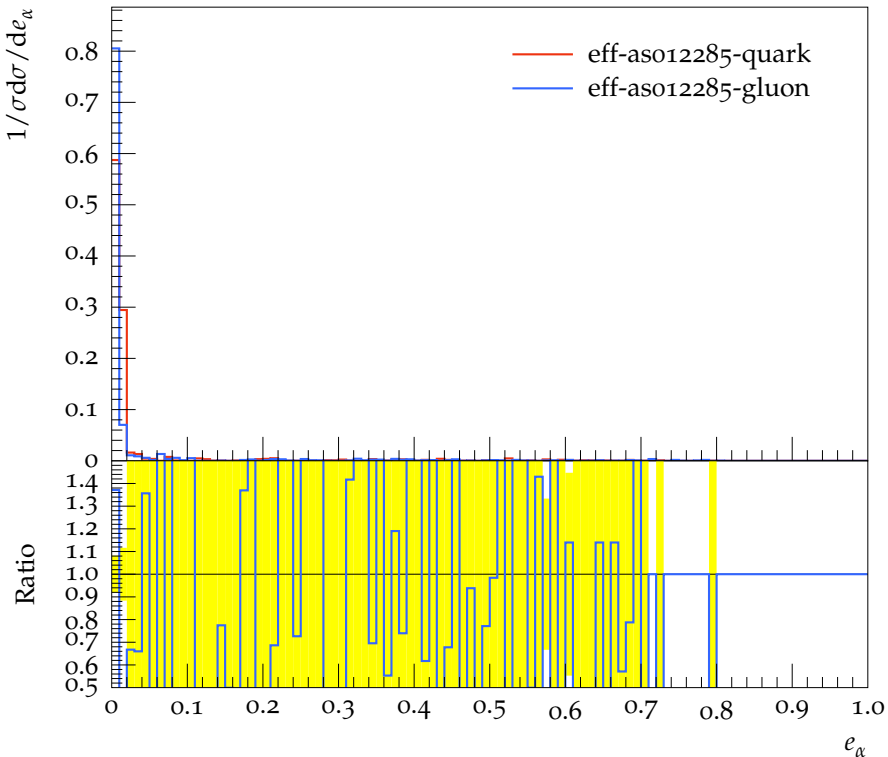
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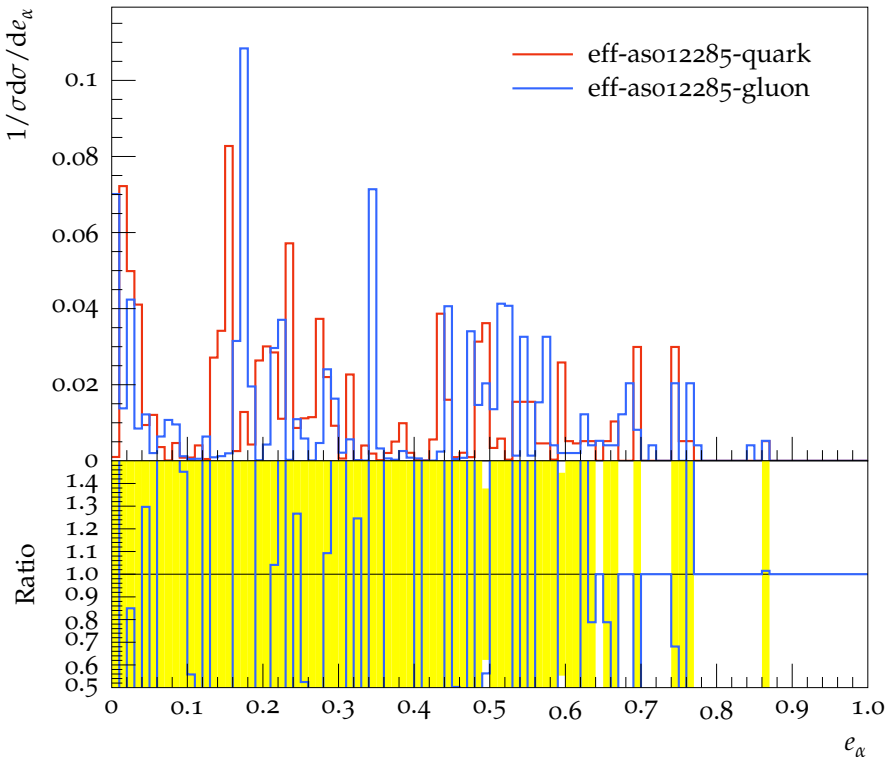
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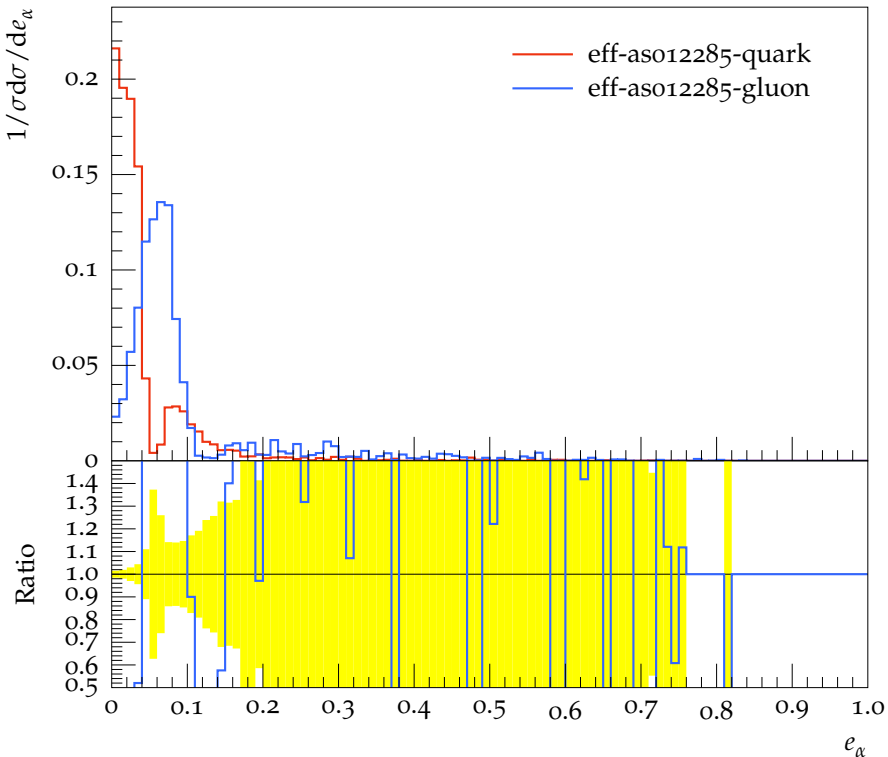
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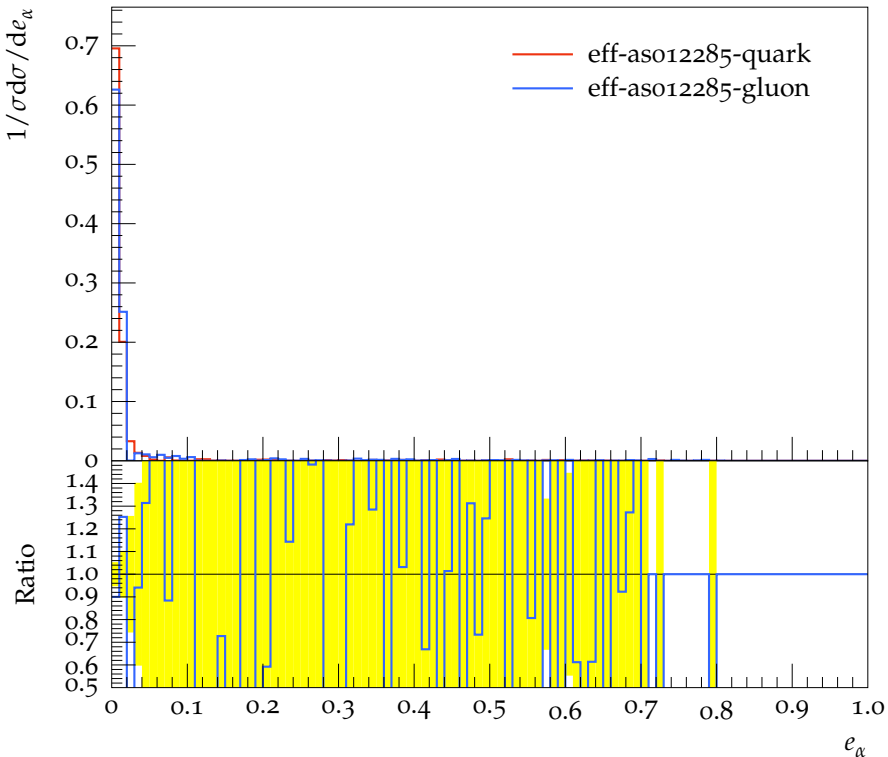
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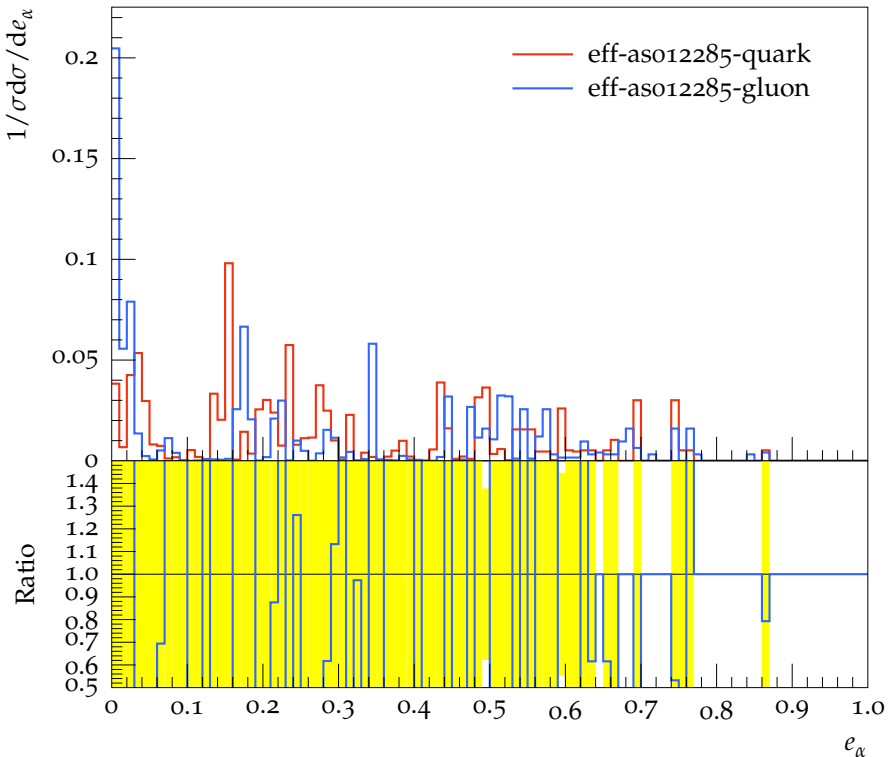
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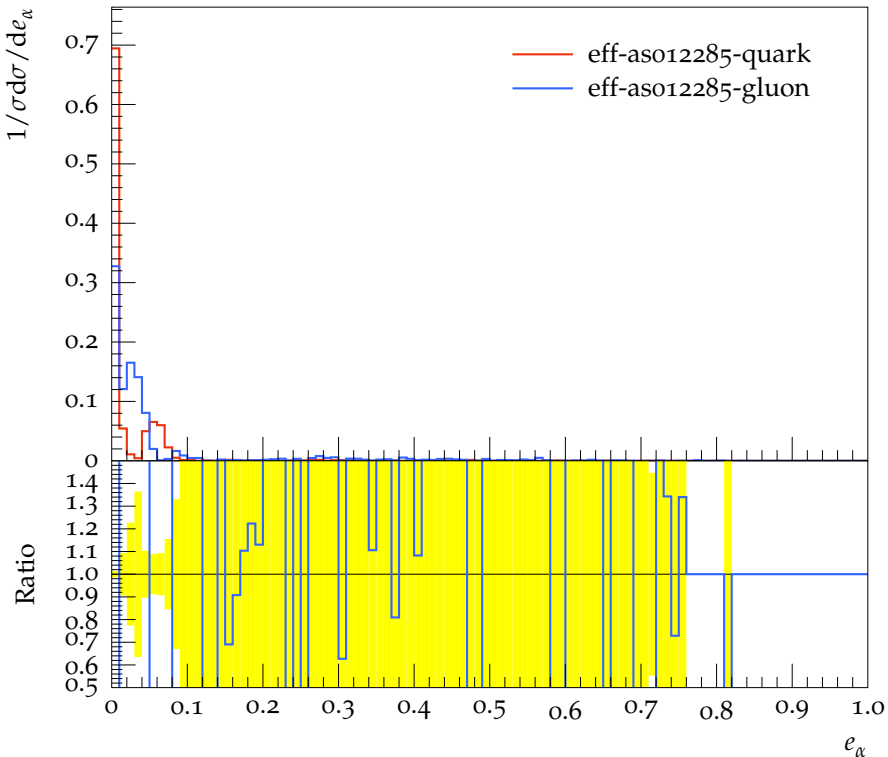
Angularity, $\alpha = 1$ $z_{cut} = 0.05$ $\beta = 2$



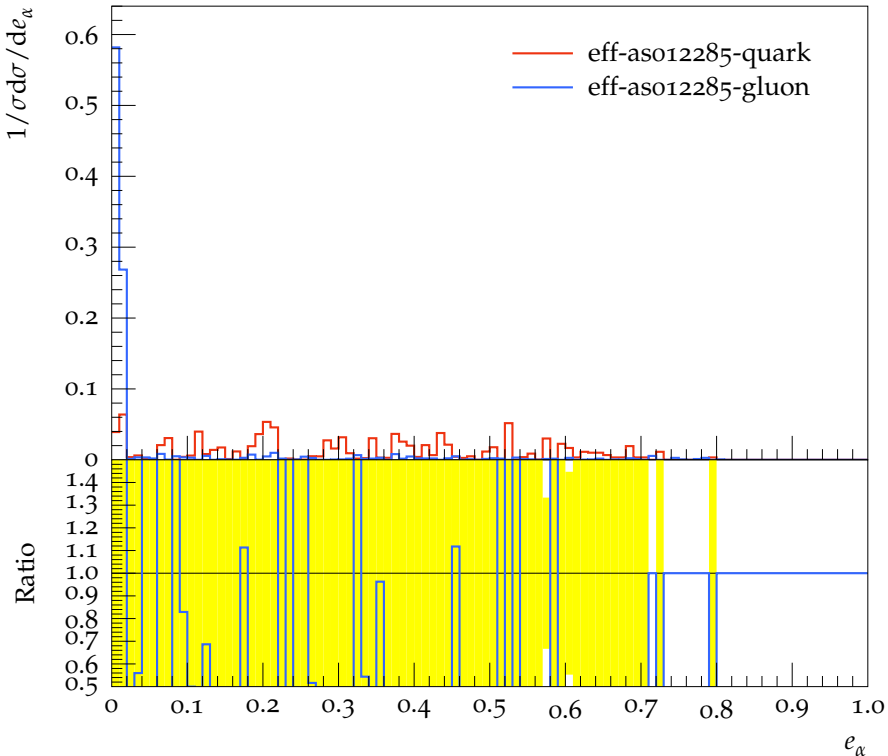
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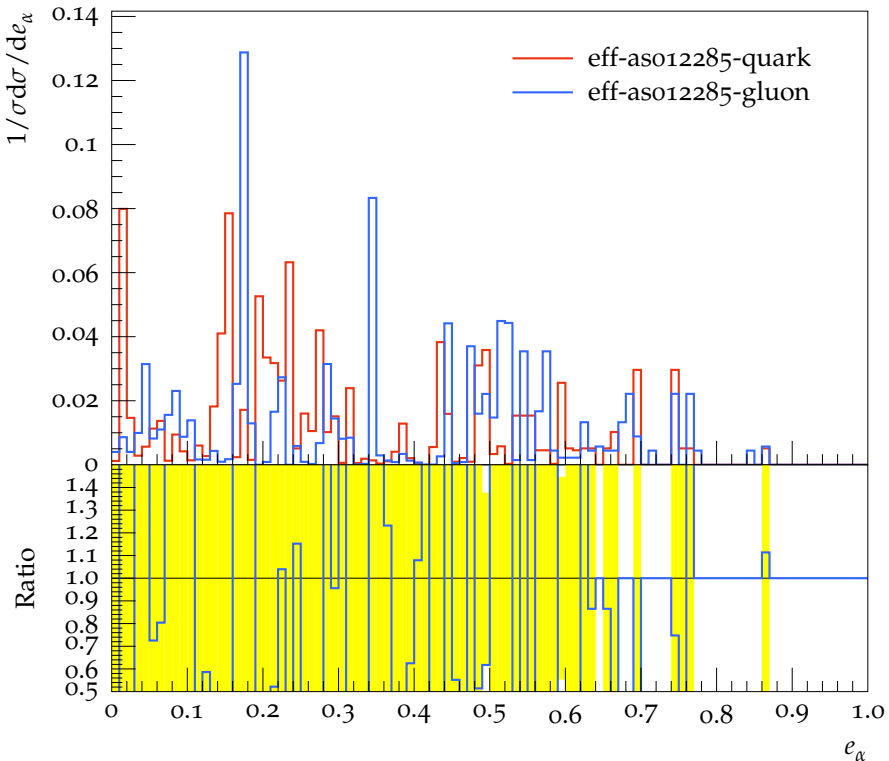
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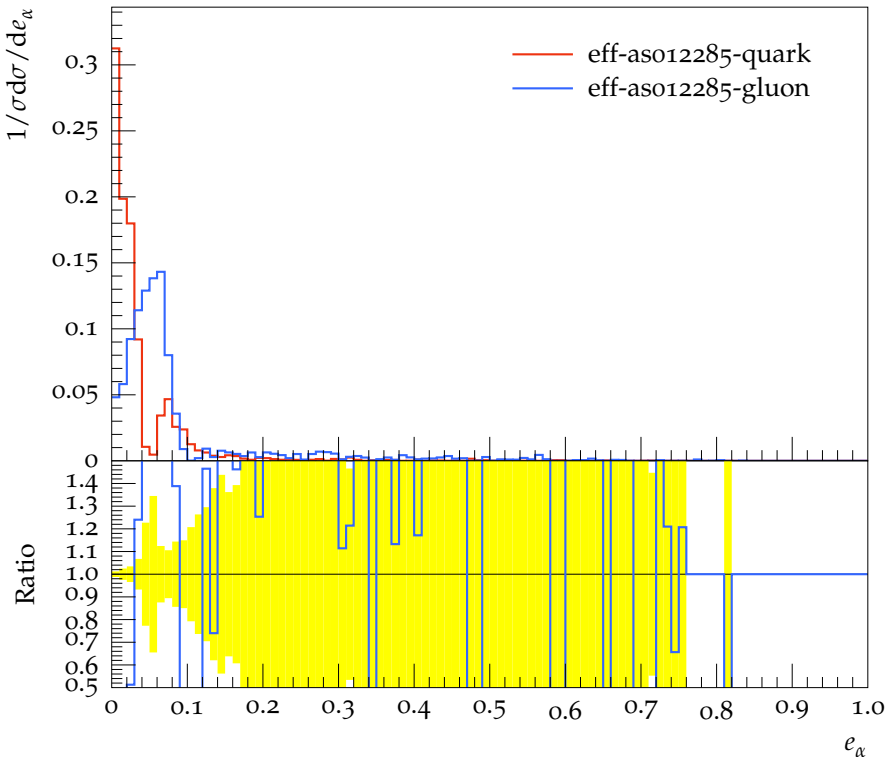
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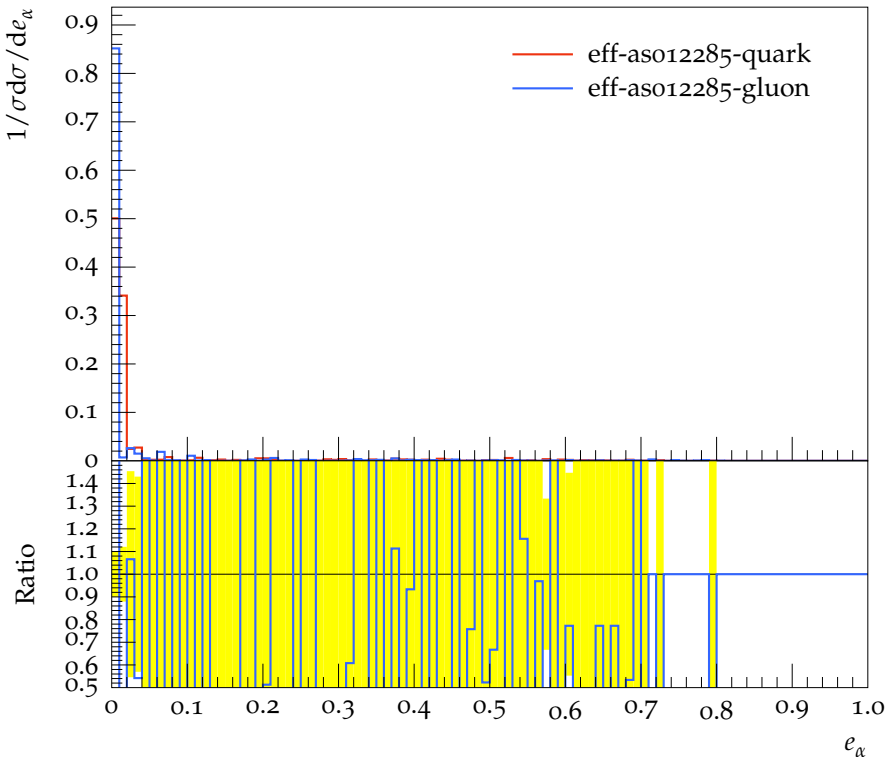
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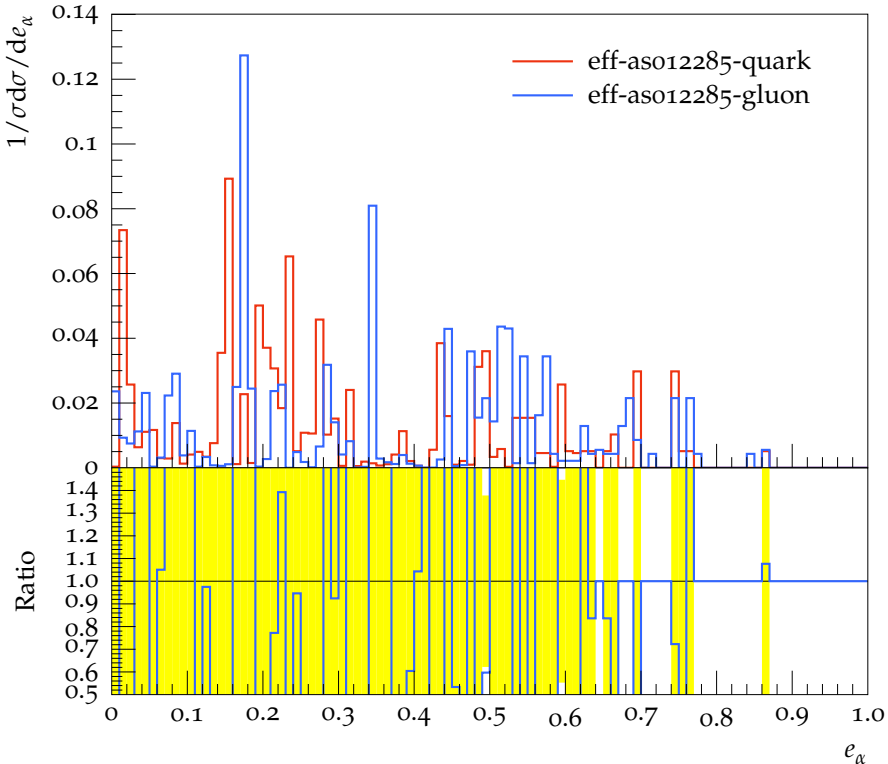
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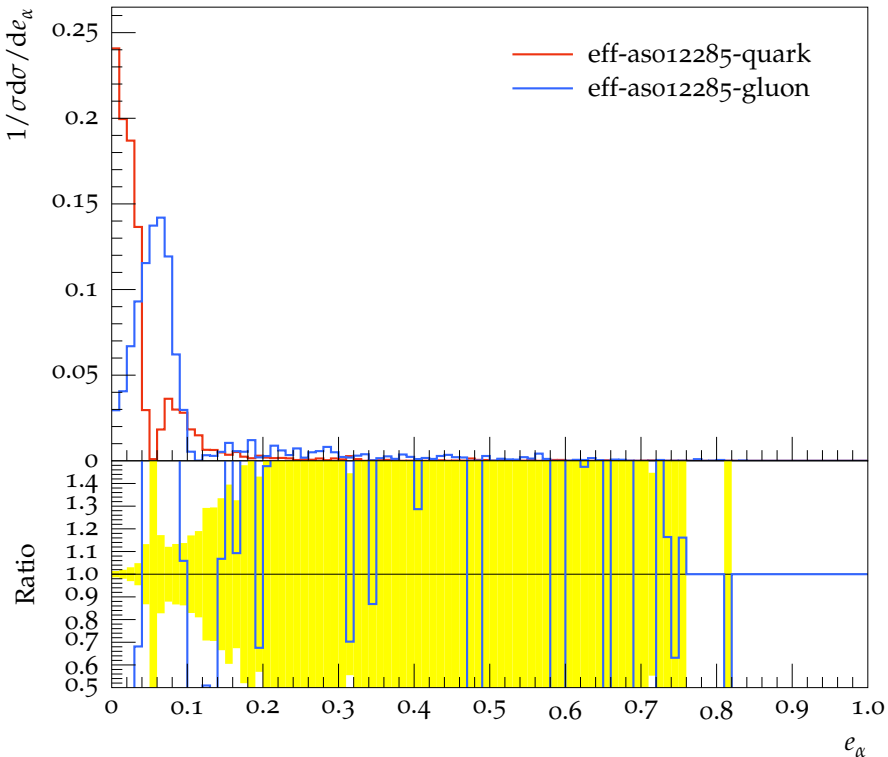
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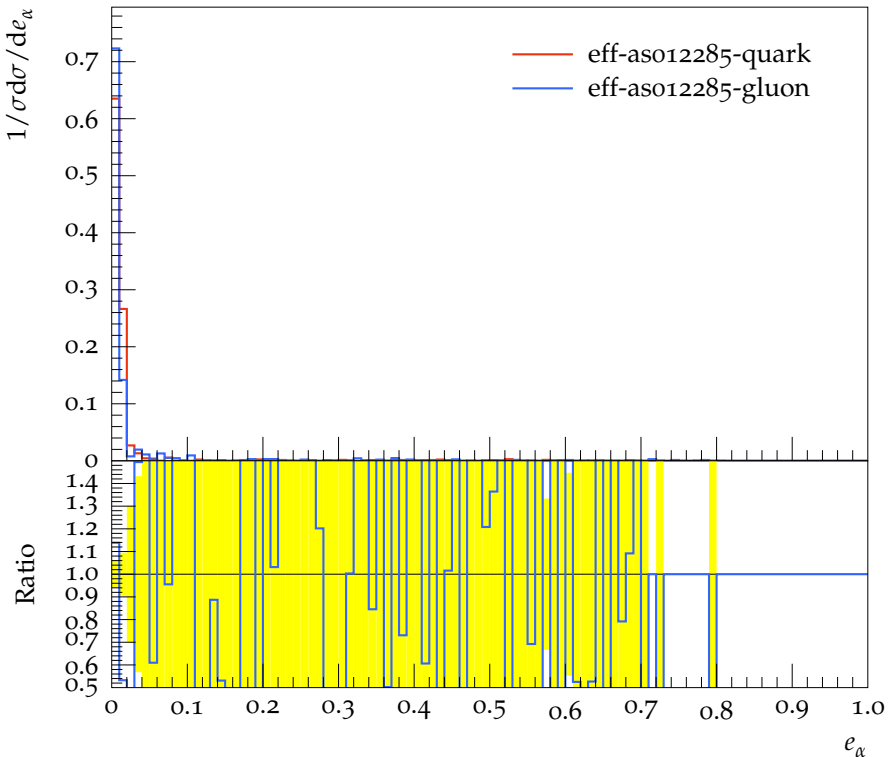
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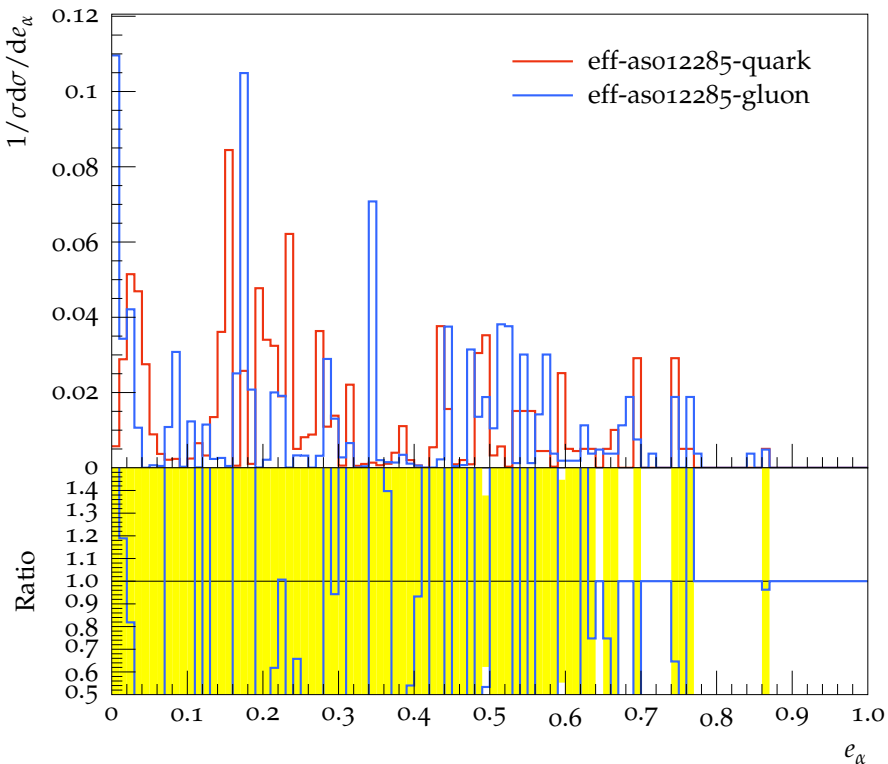
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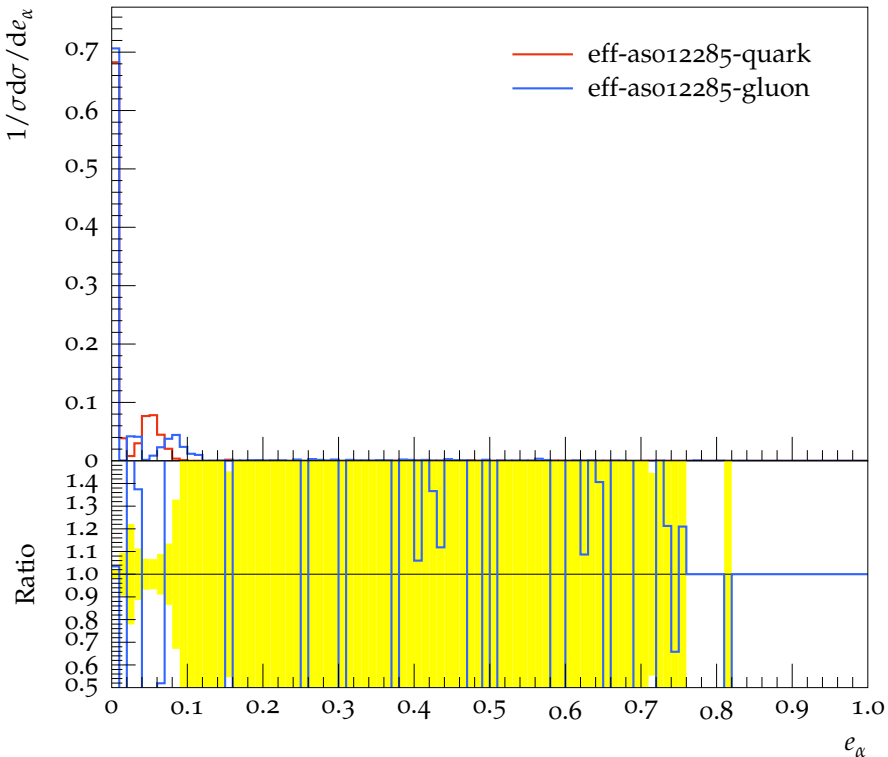
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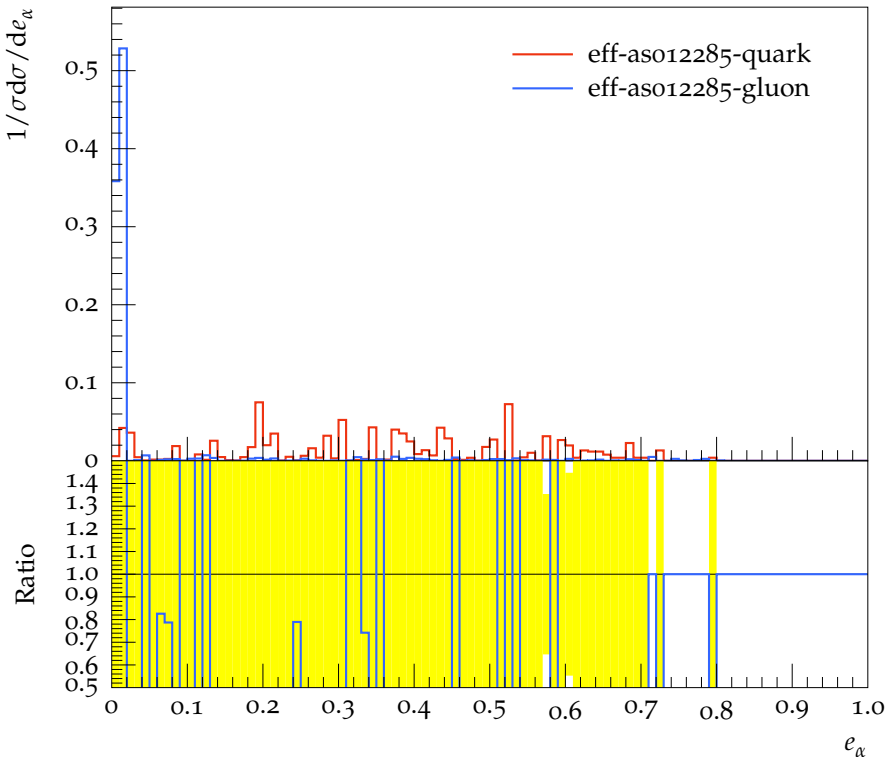
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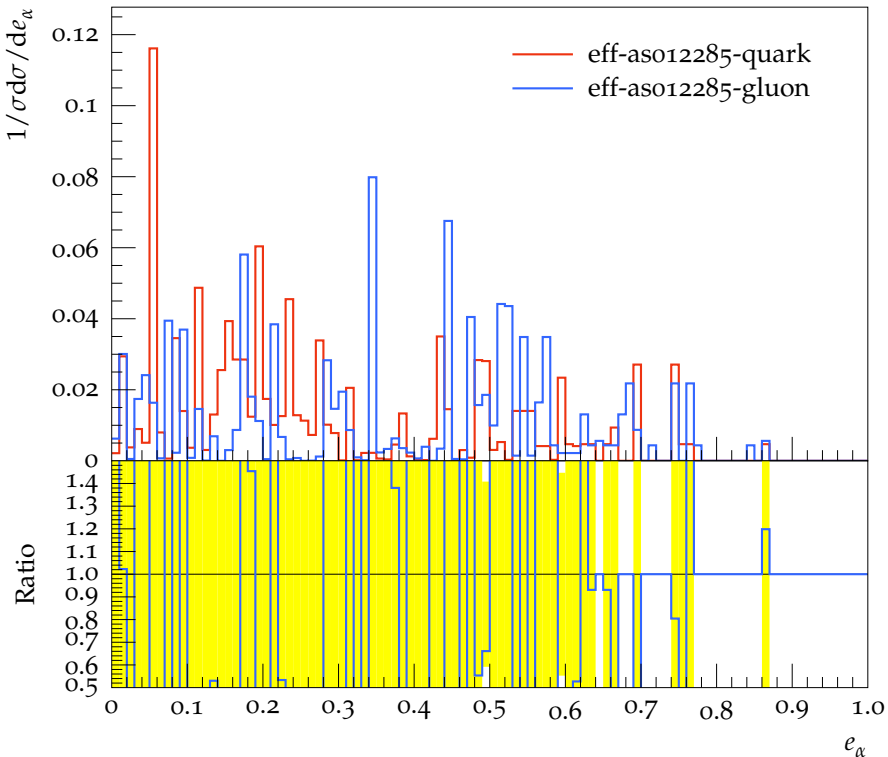
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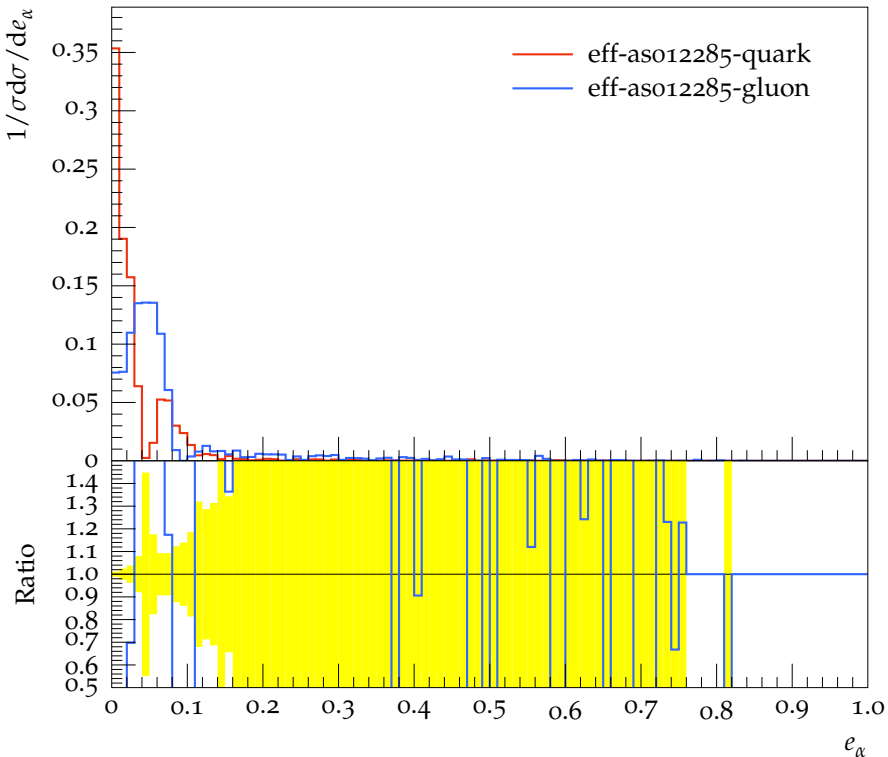
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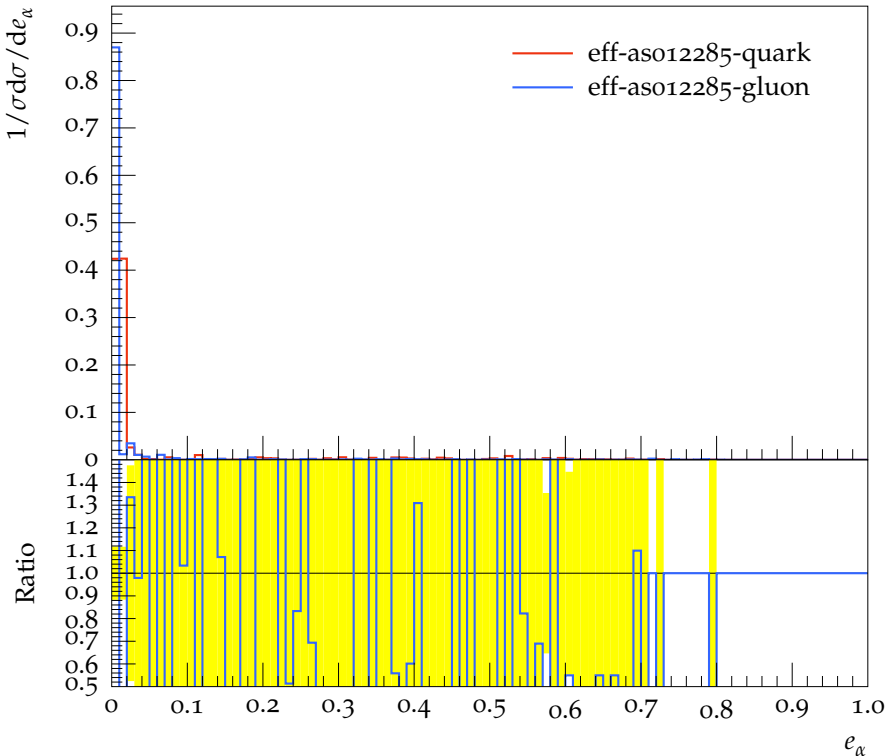
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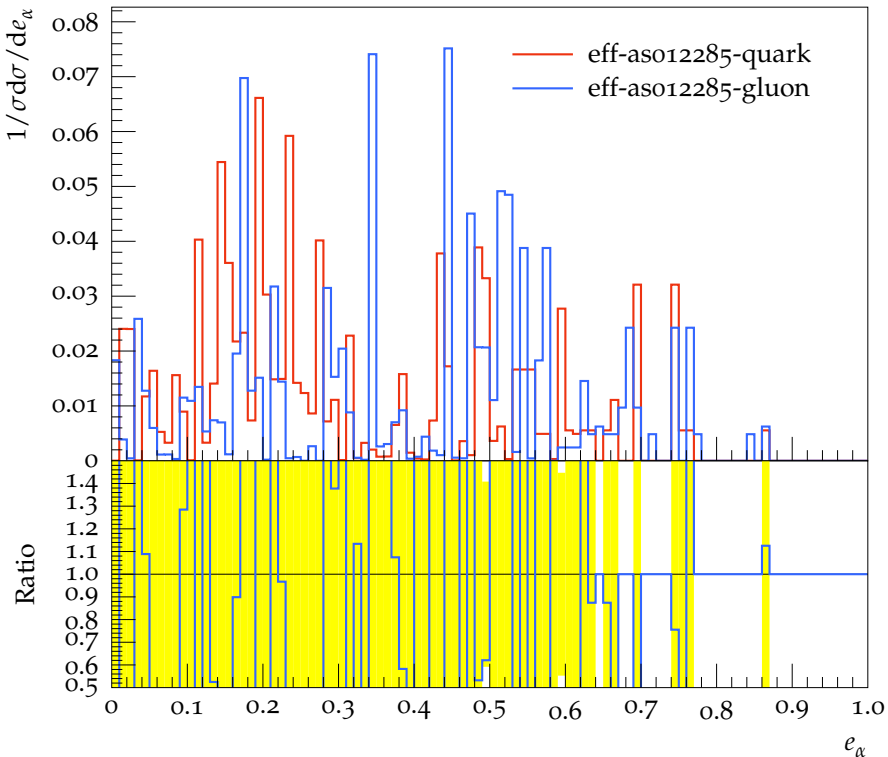
Angularity, $\alpha = 0.5$ $z_{cut} = 0.2$ $\beta = 1$



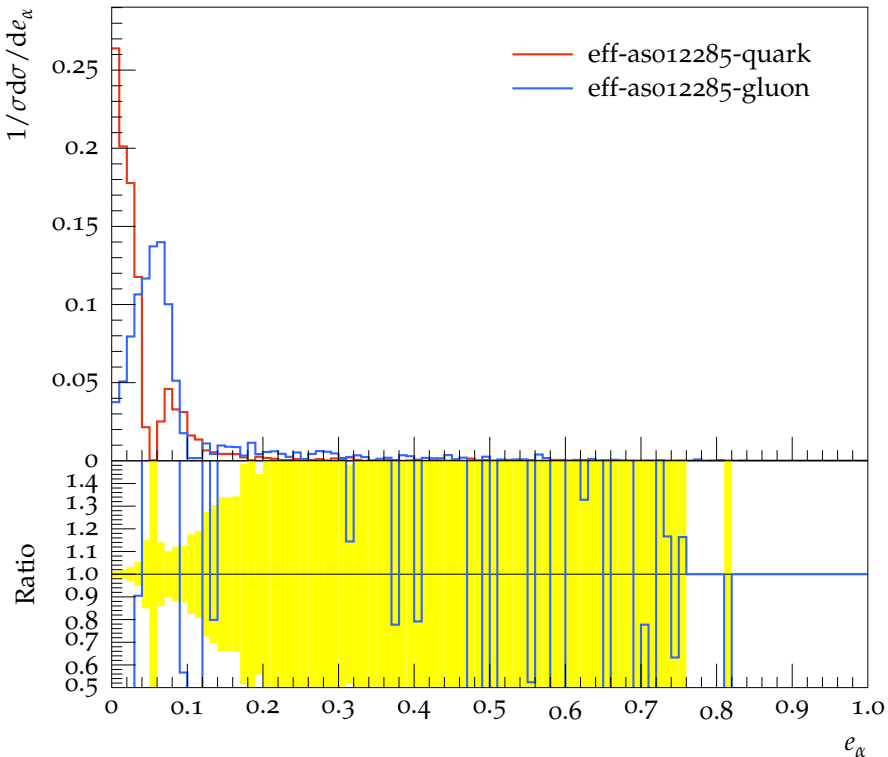
Angularity, $\alpha = 1$ $z_{cut} = 0.2$ $\beta = 1$



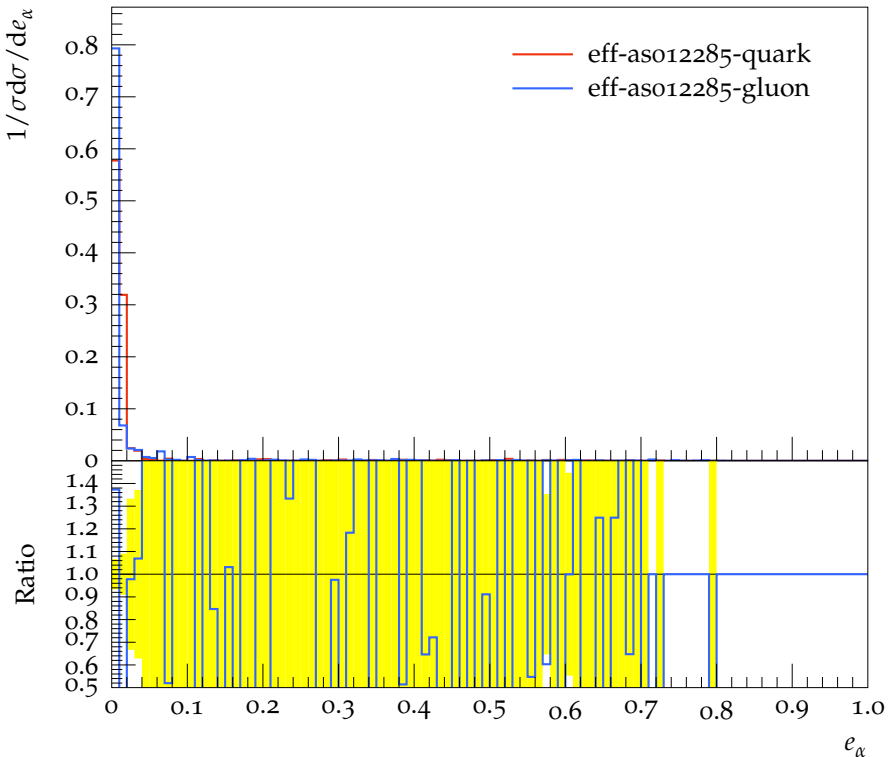
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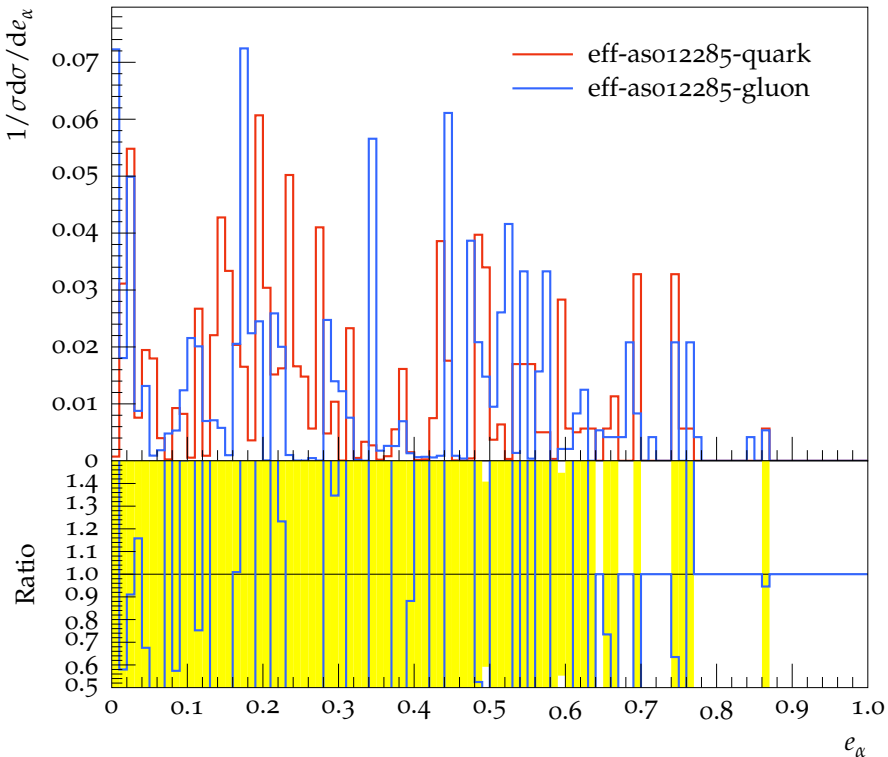
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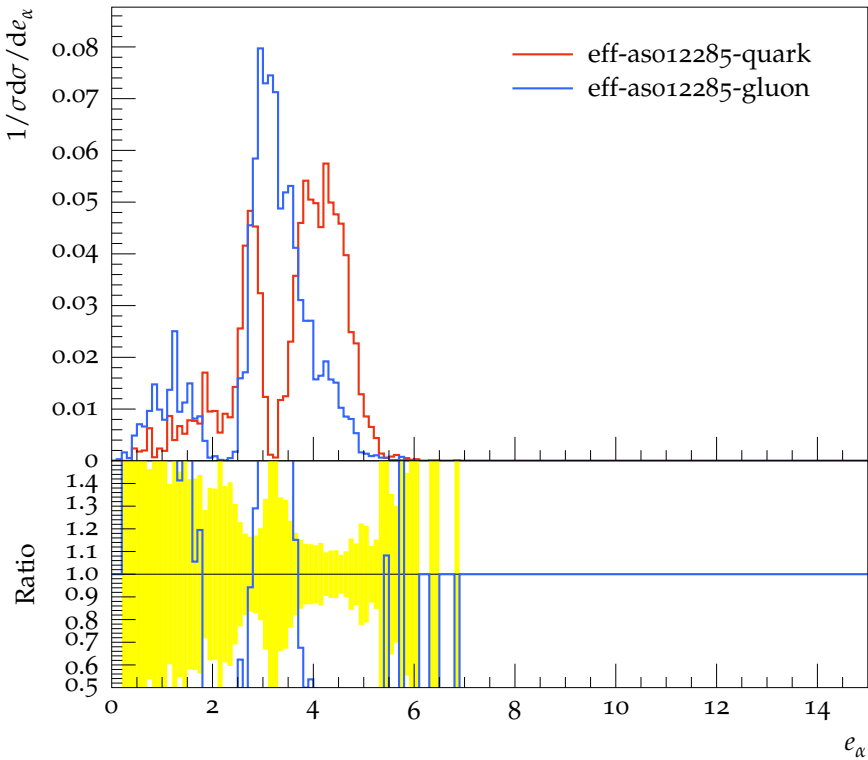
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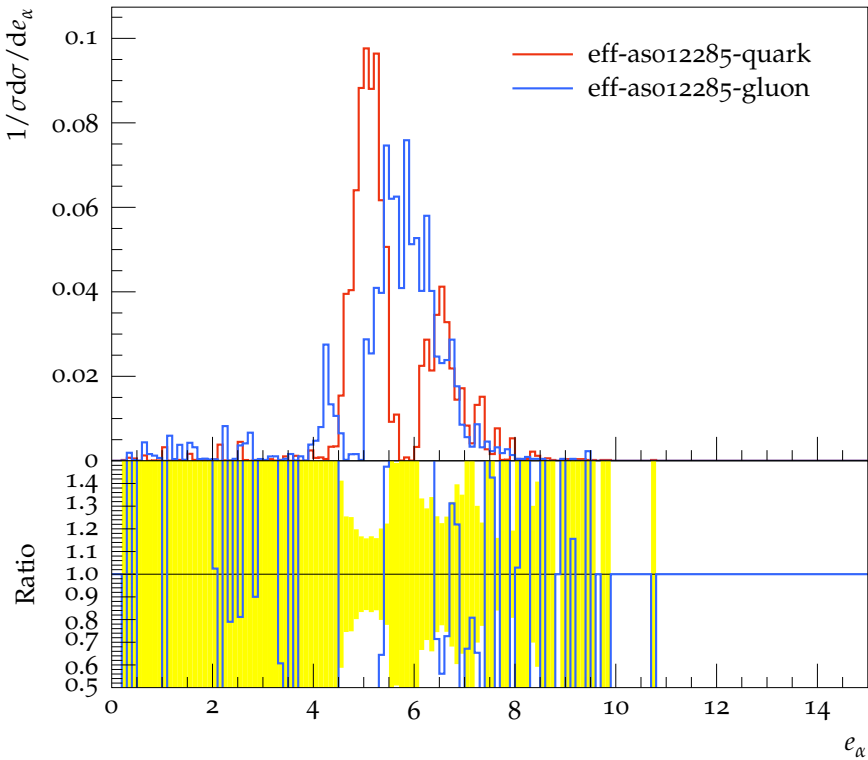
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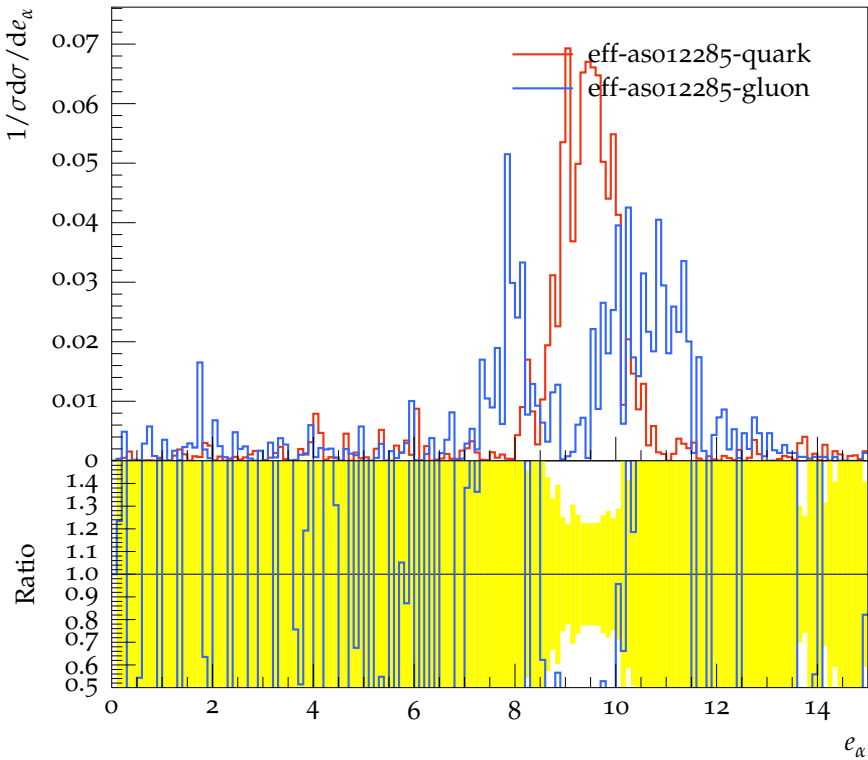
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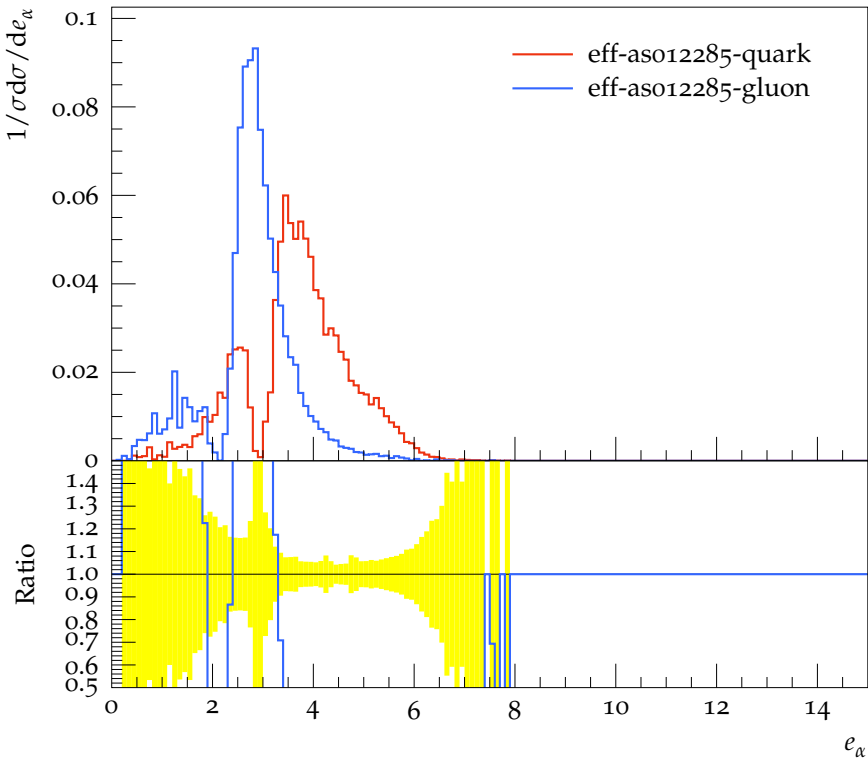
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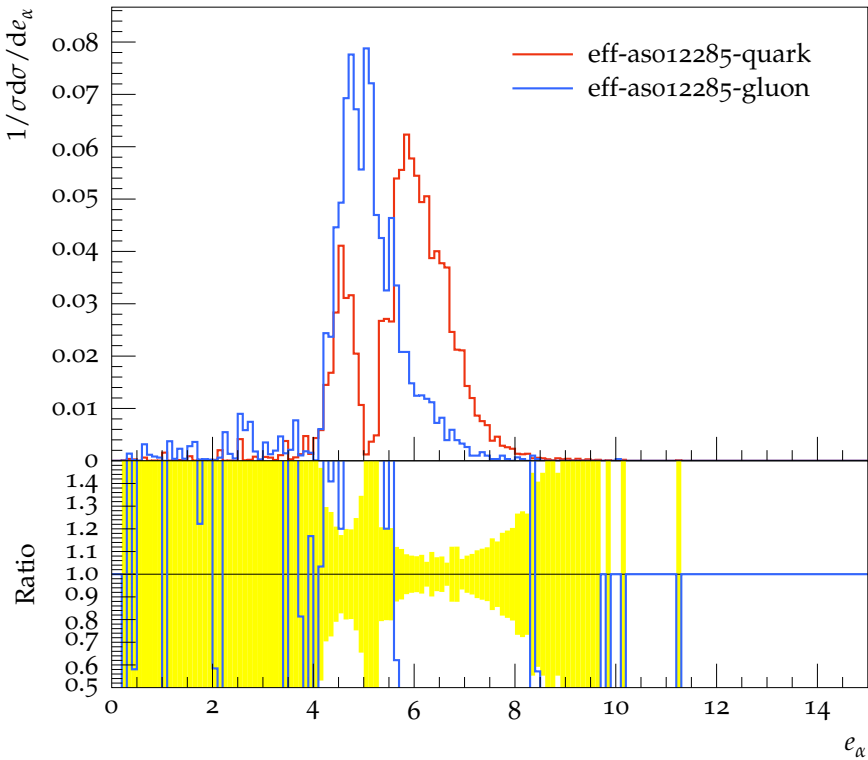
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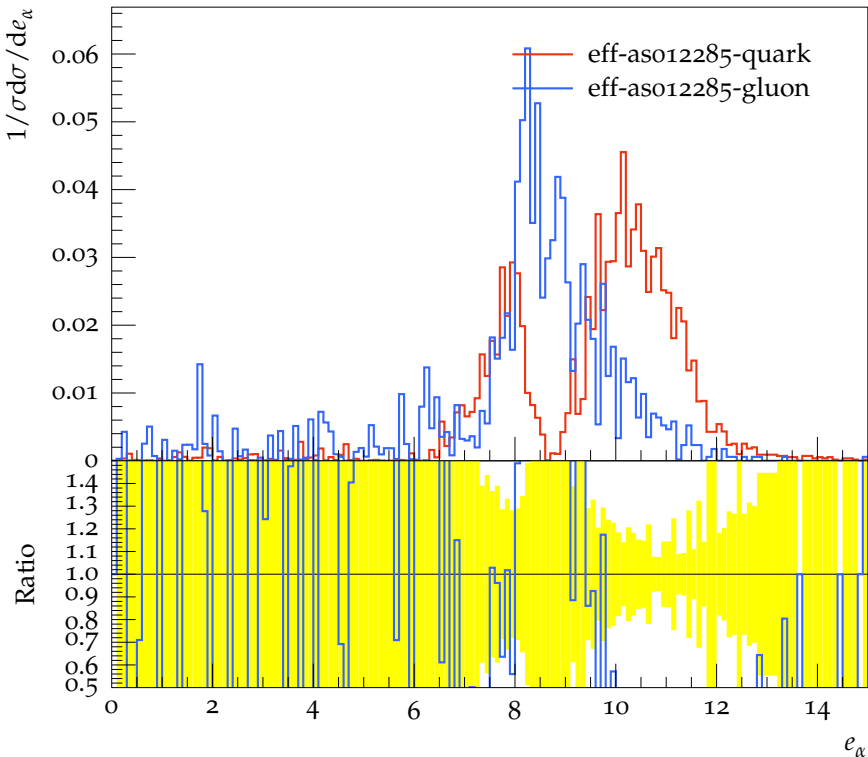
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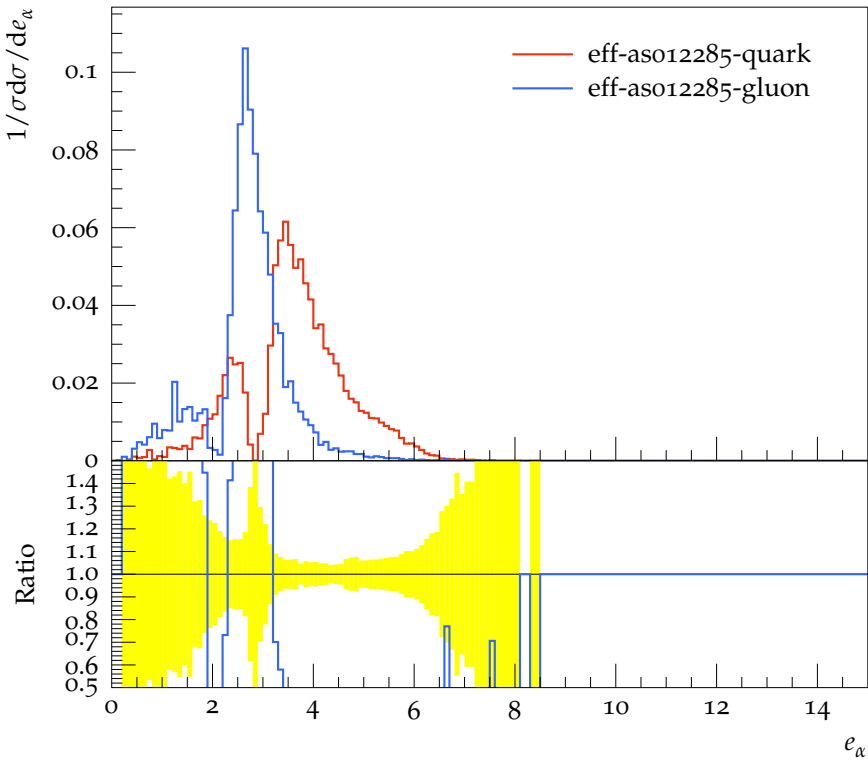
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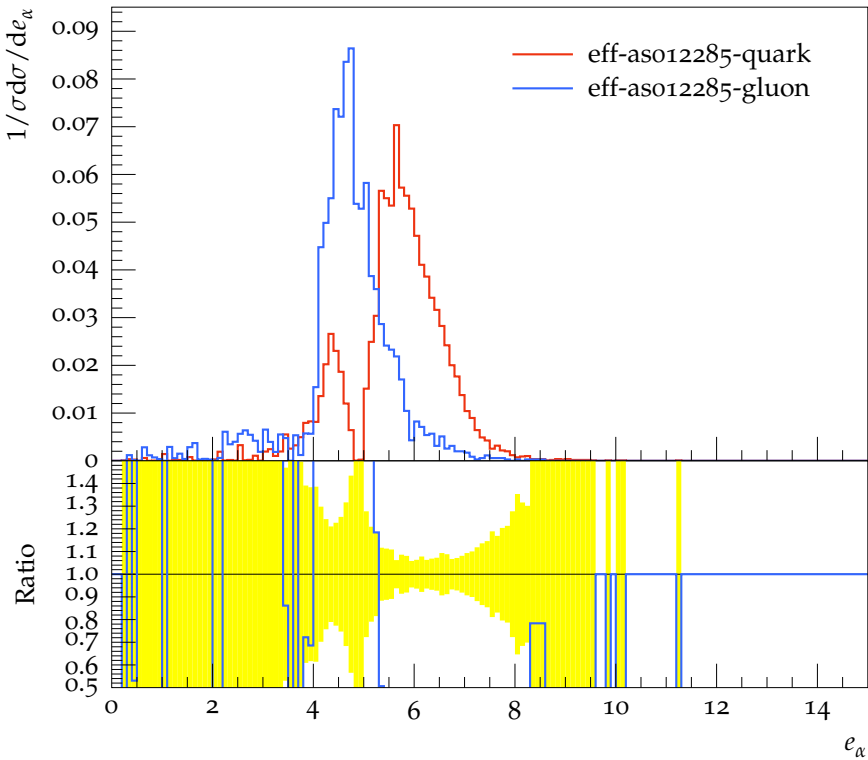
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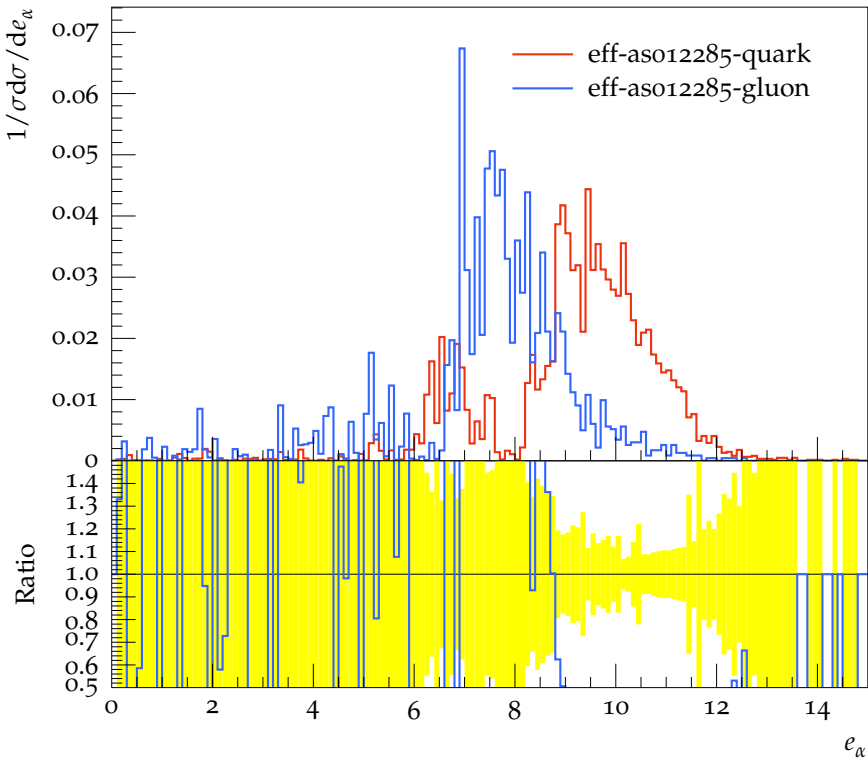
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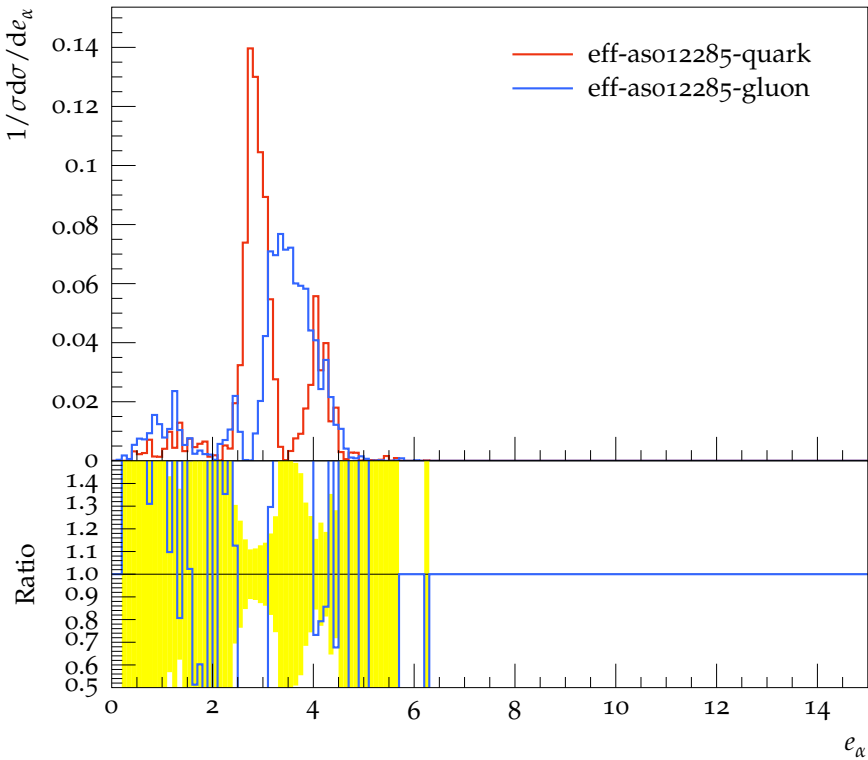
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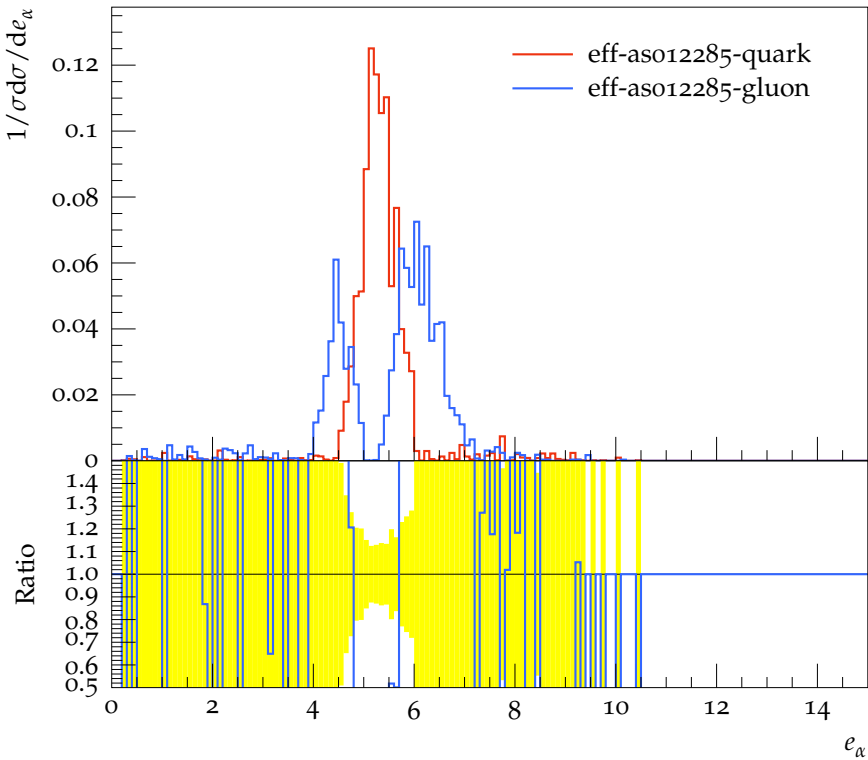
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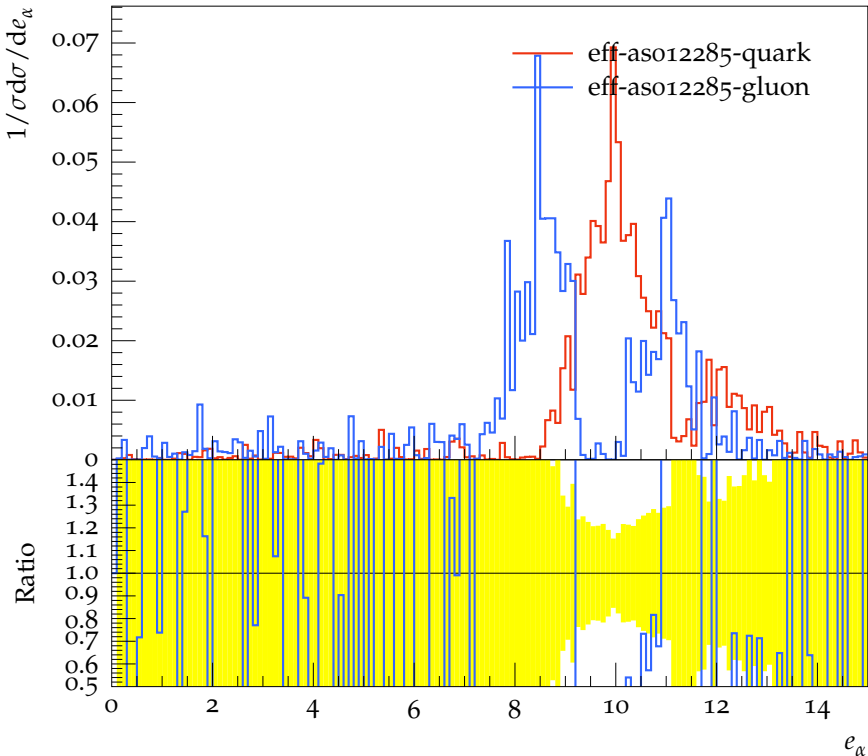
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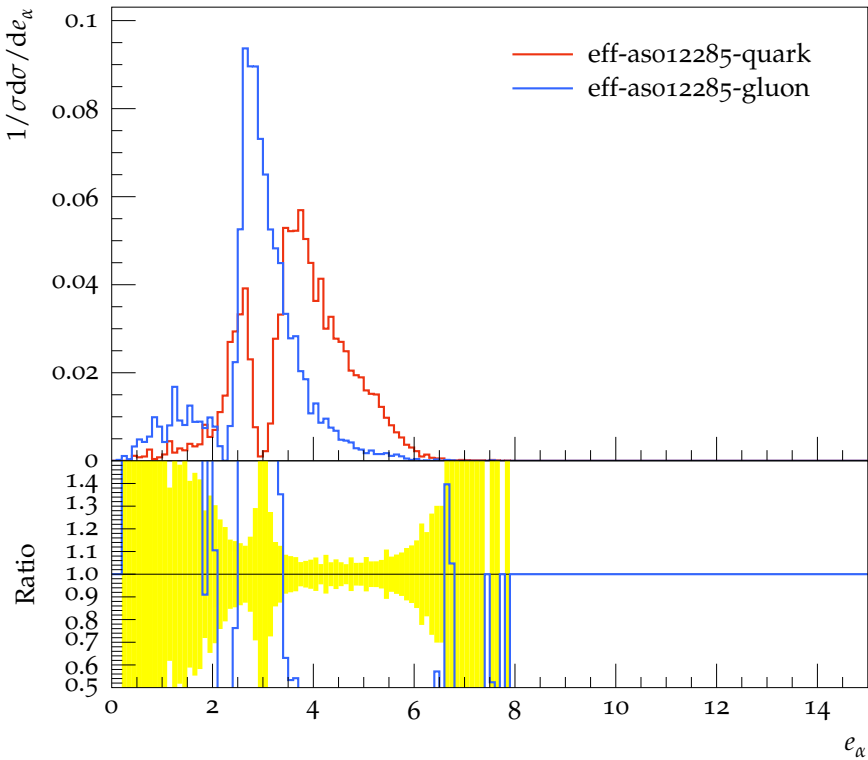
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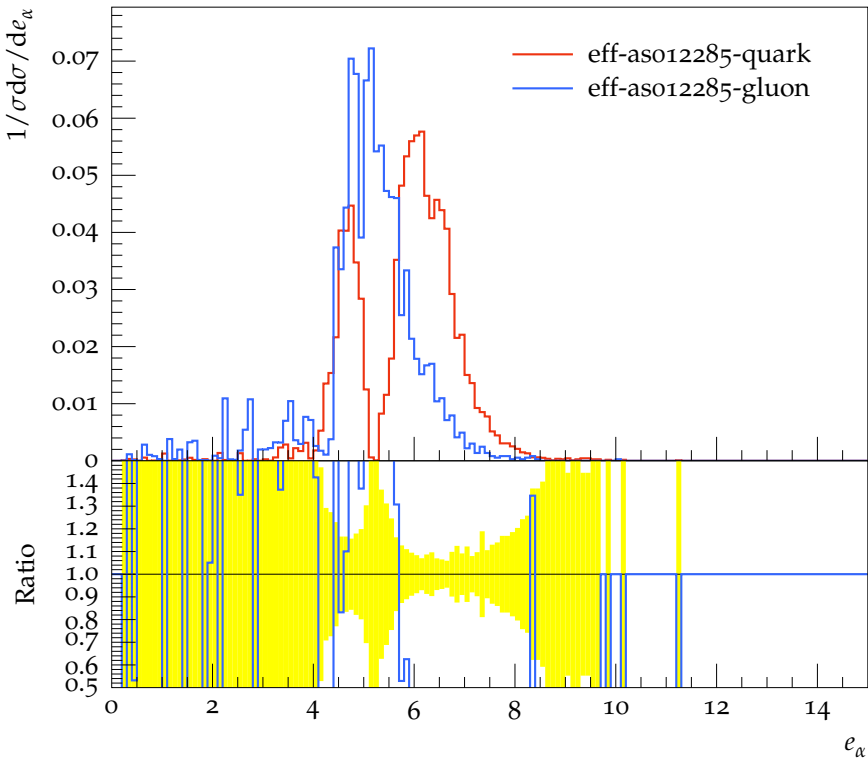
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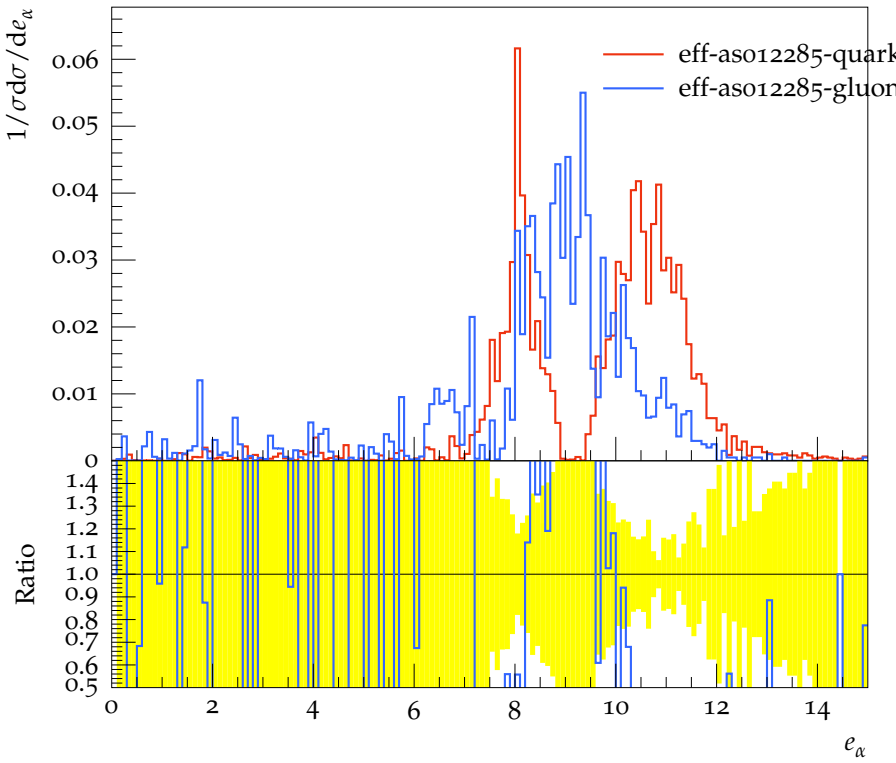
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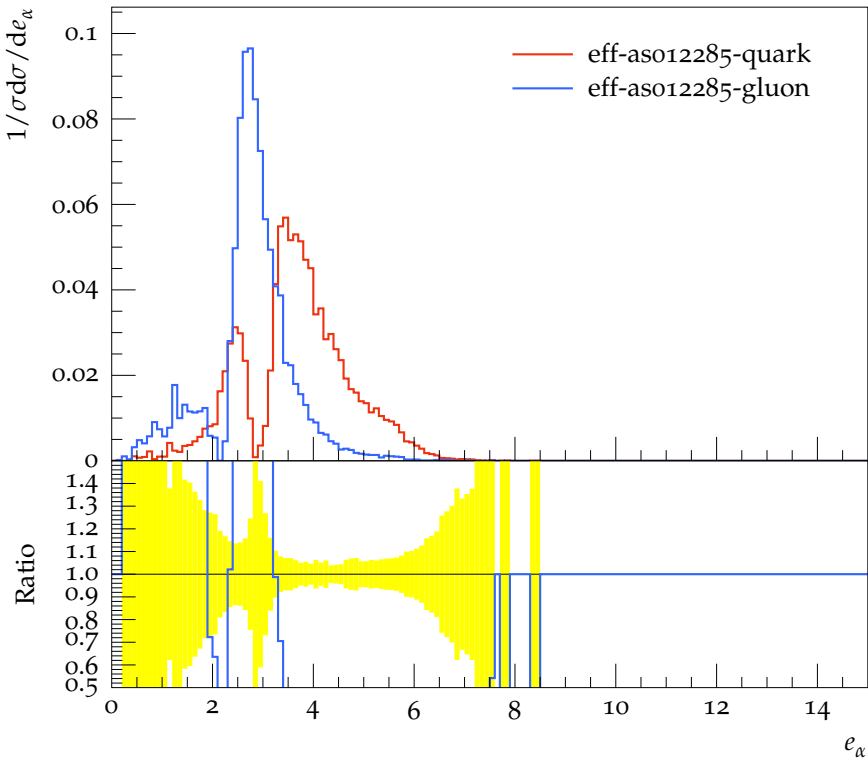
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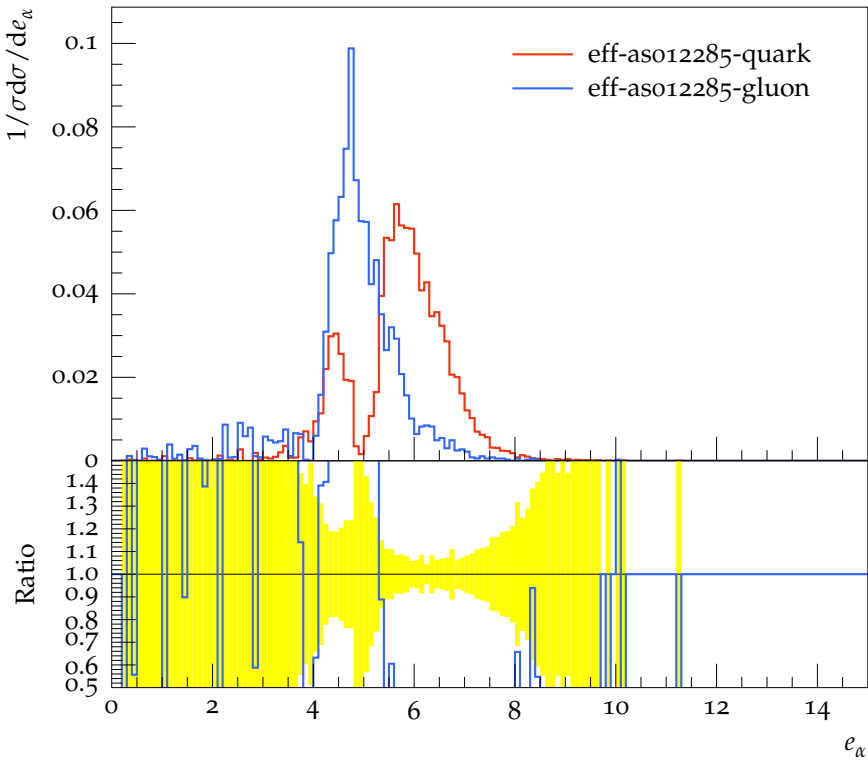
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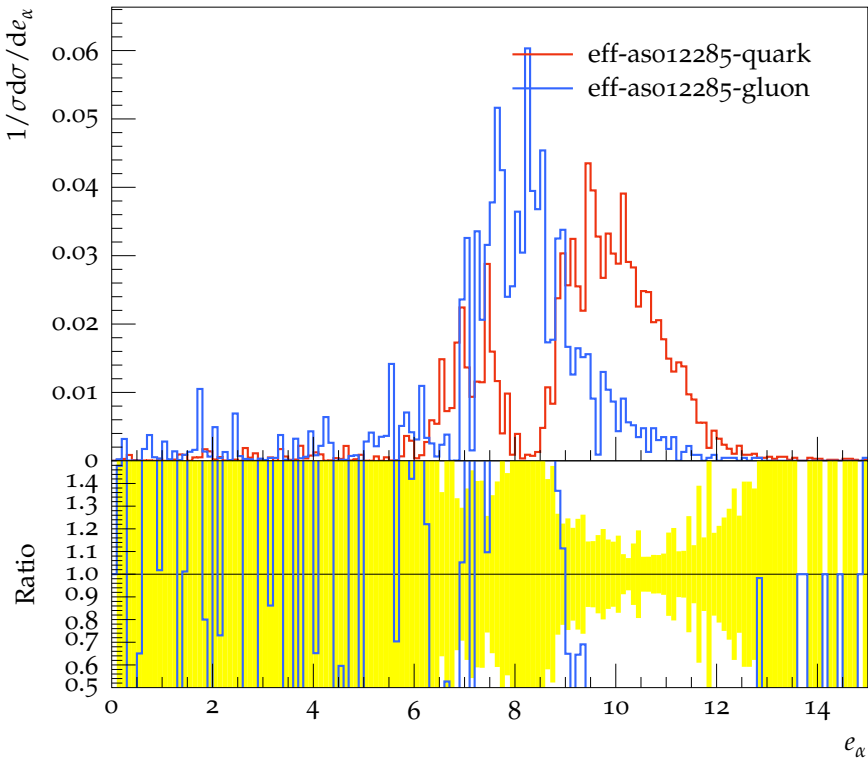
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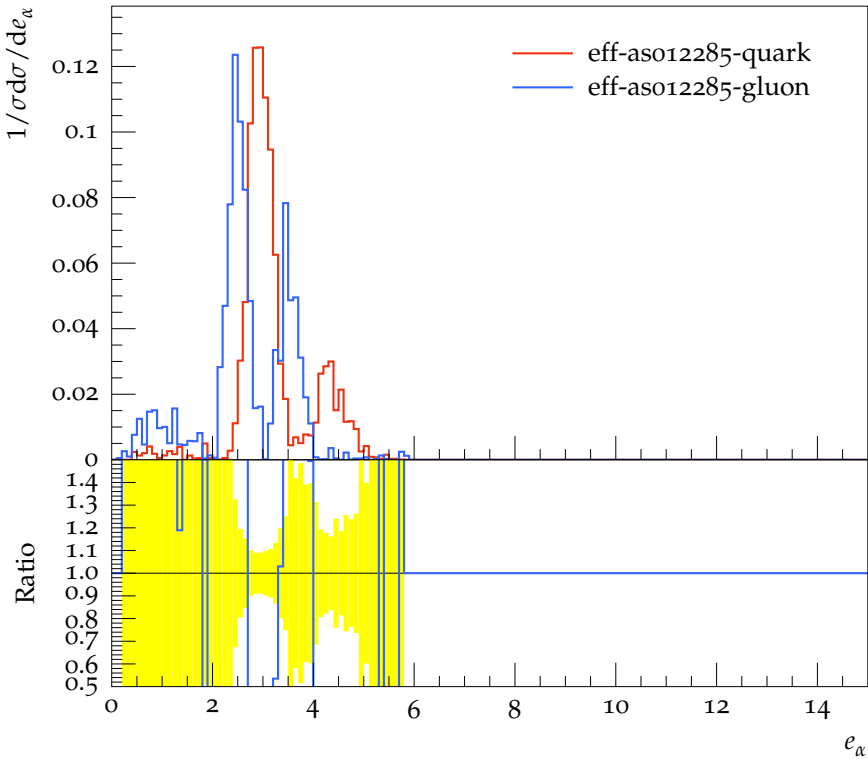
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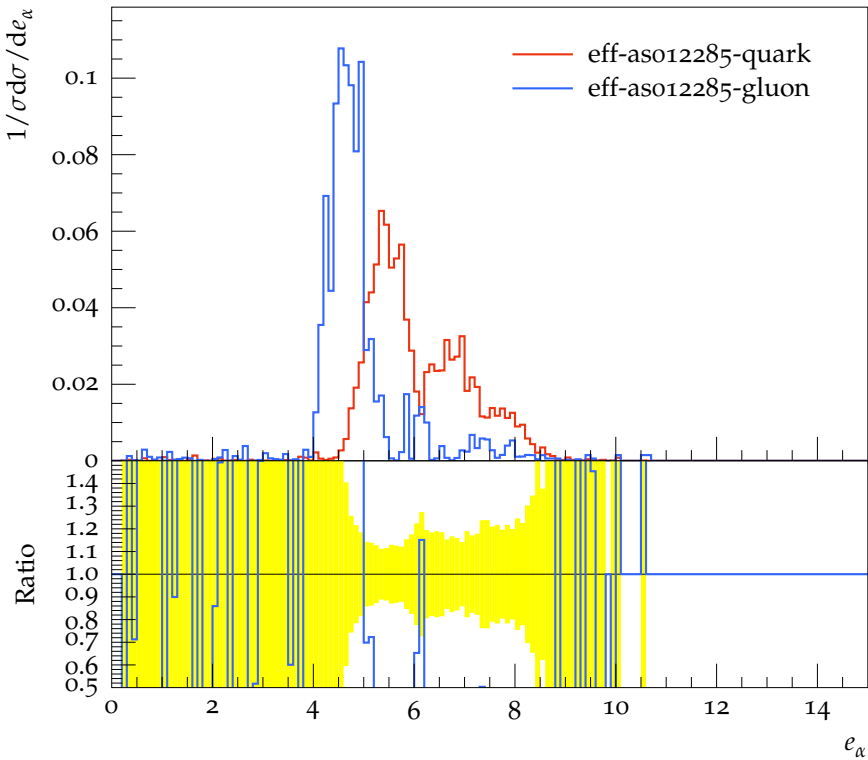
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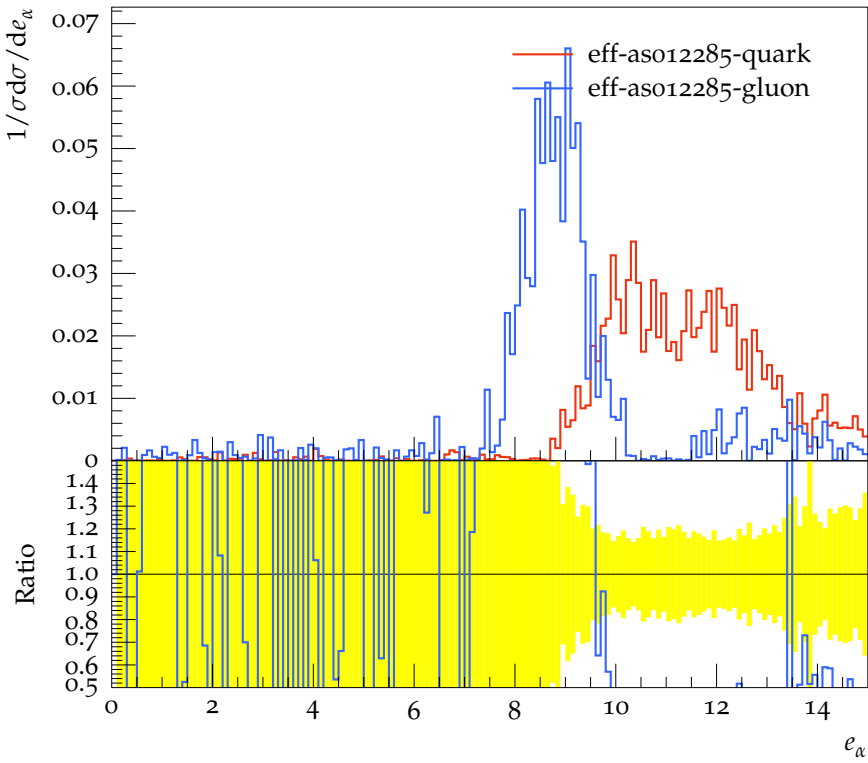
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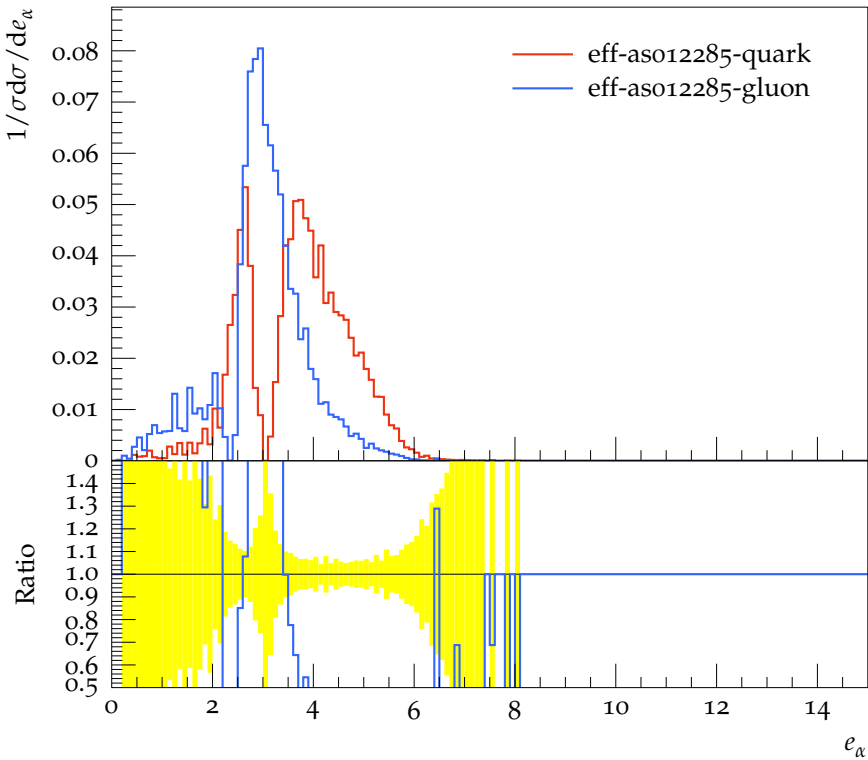
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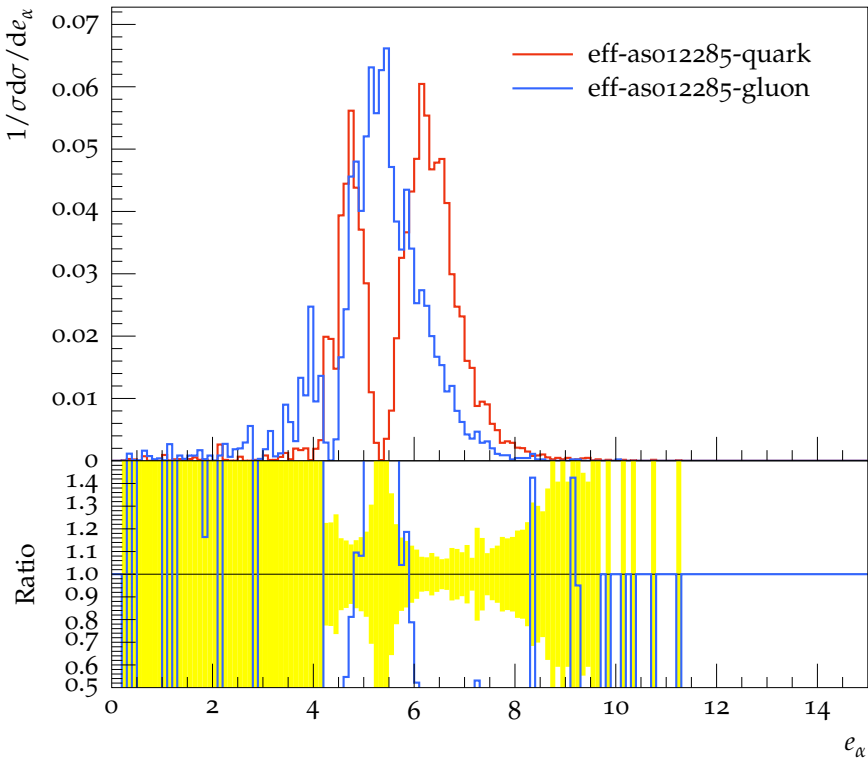
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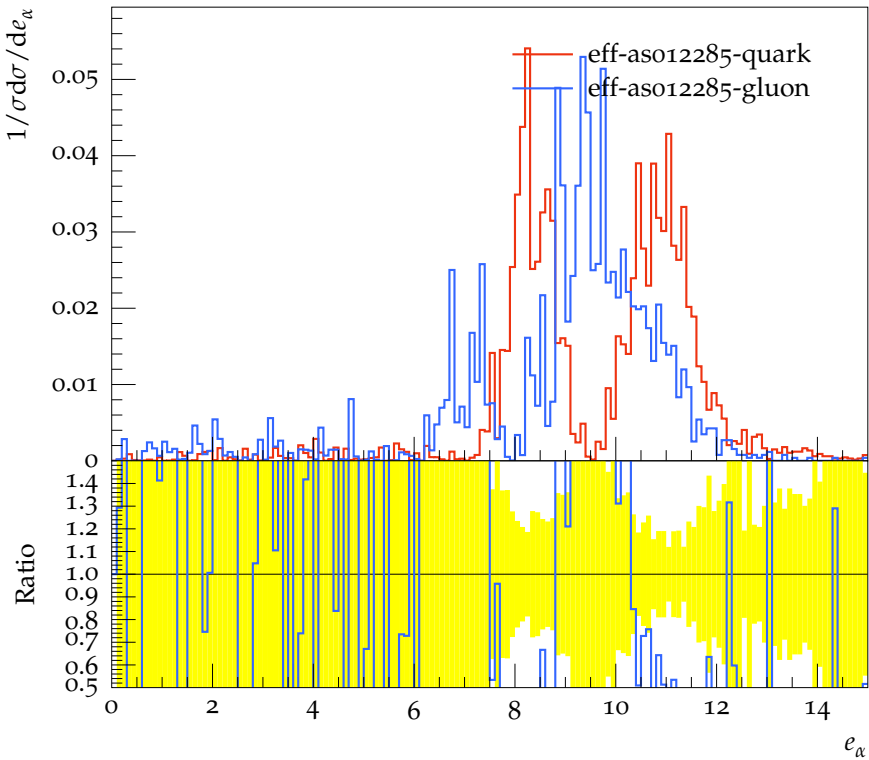
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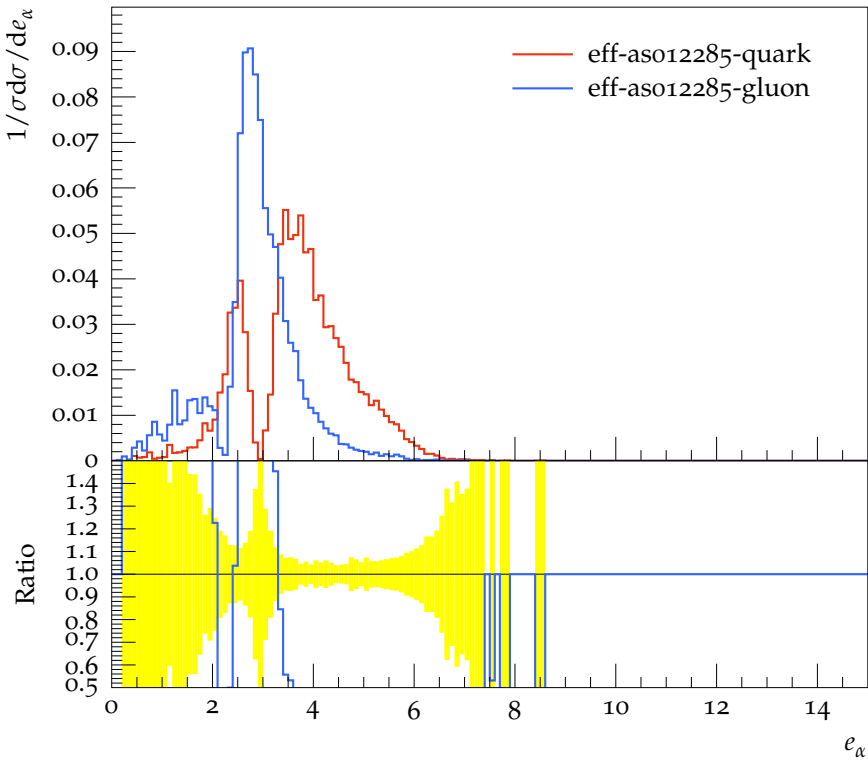
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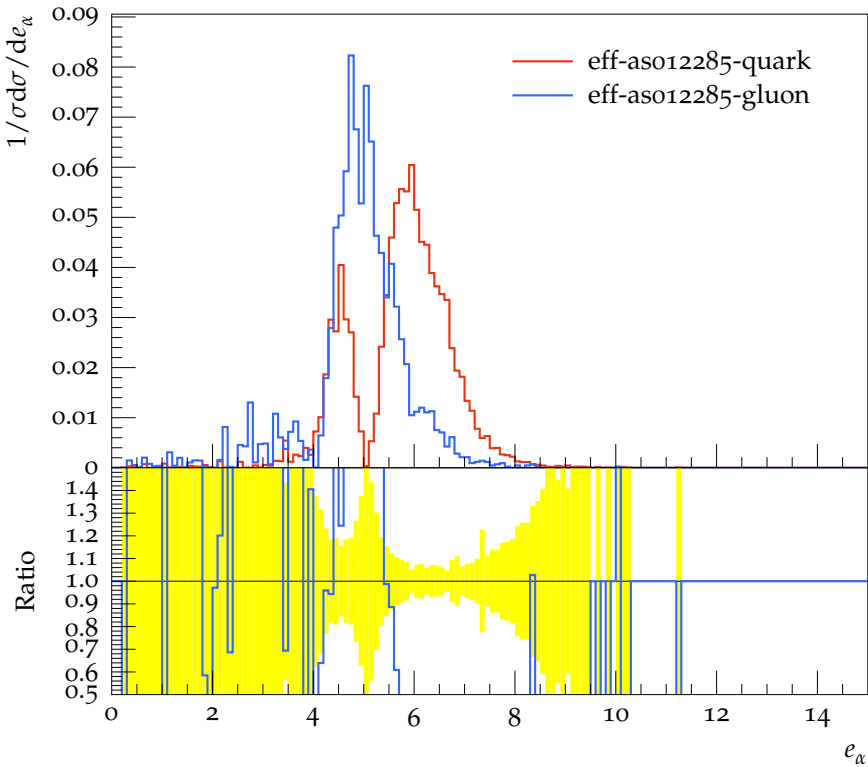
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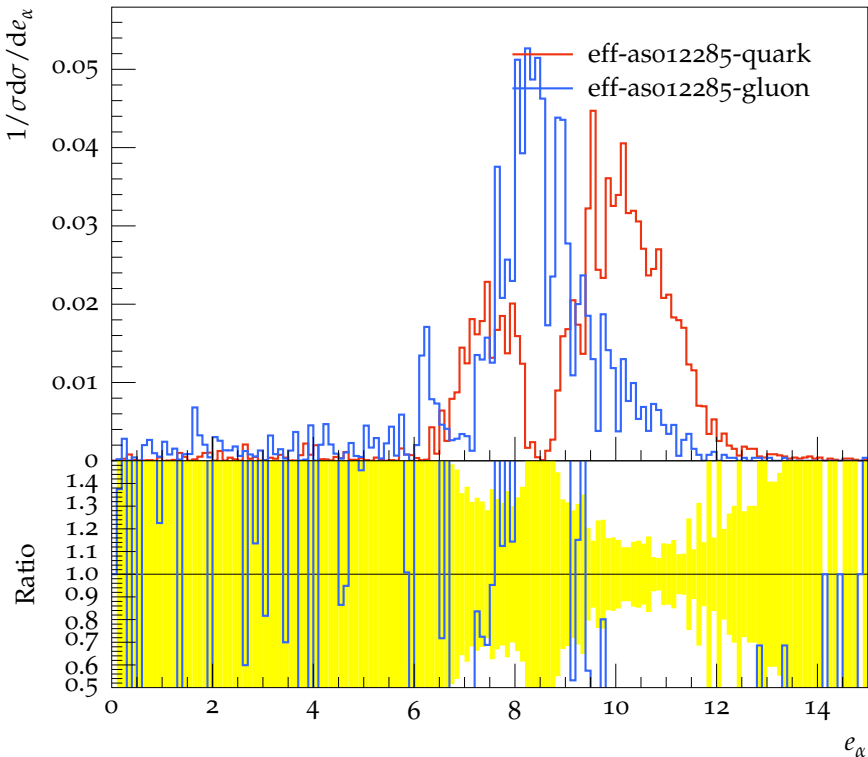
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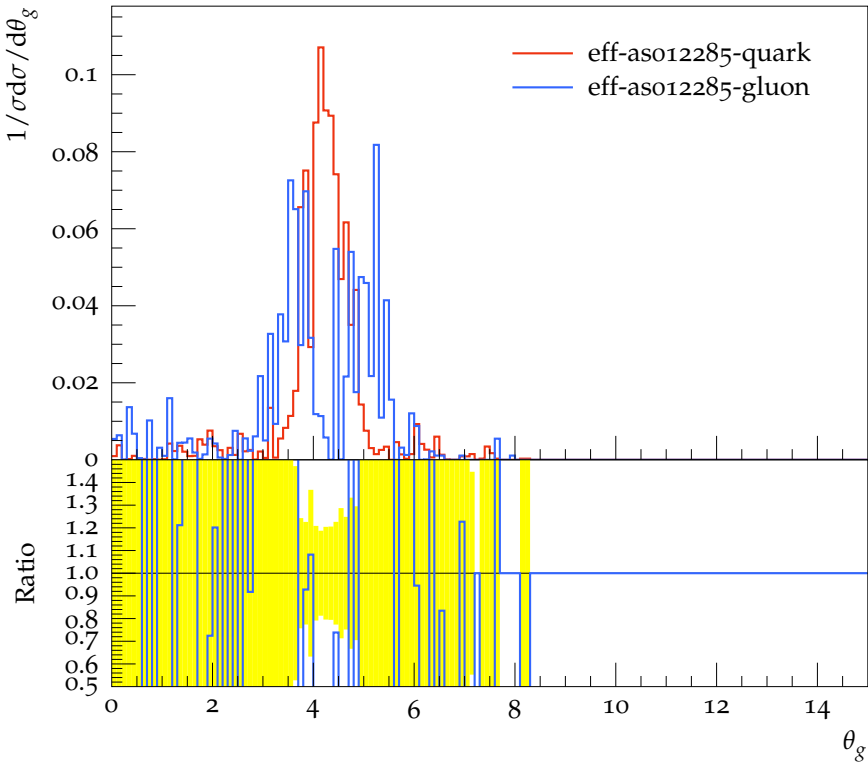
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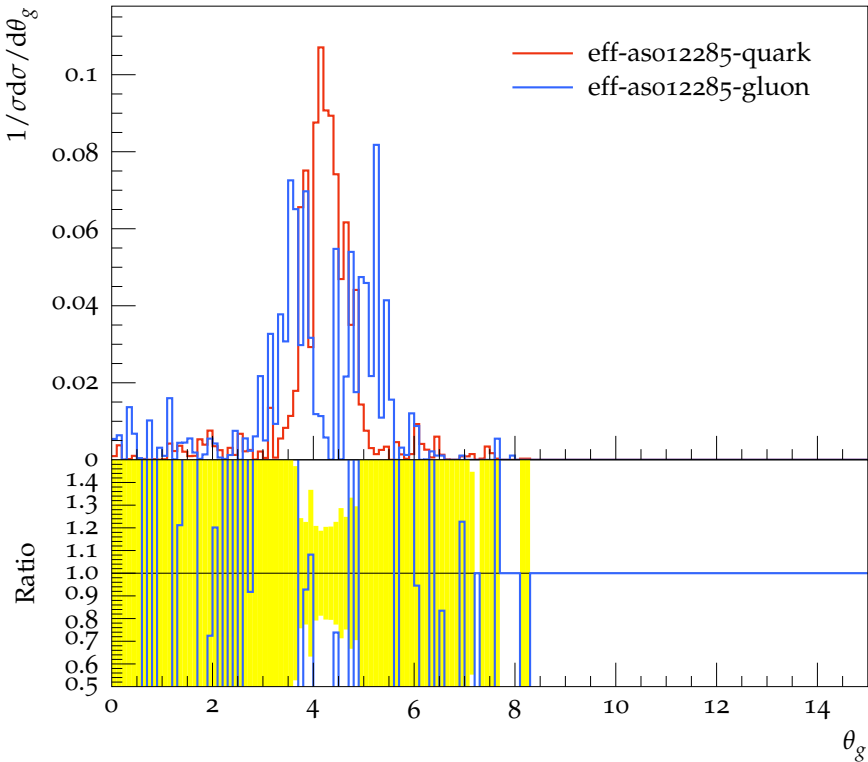
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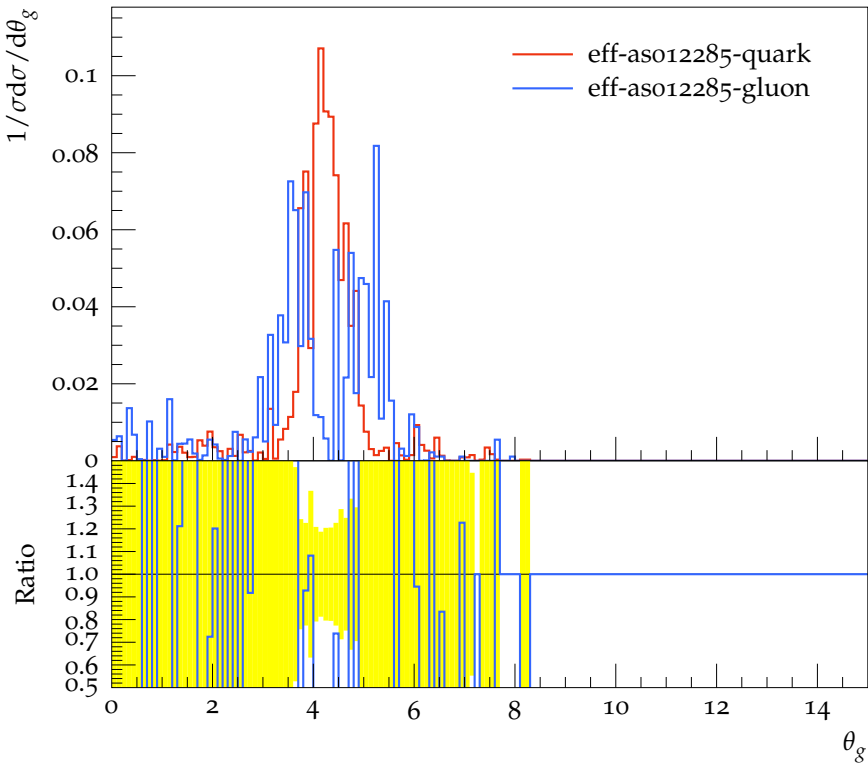
$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.05 \ \beta = 0$$



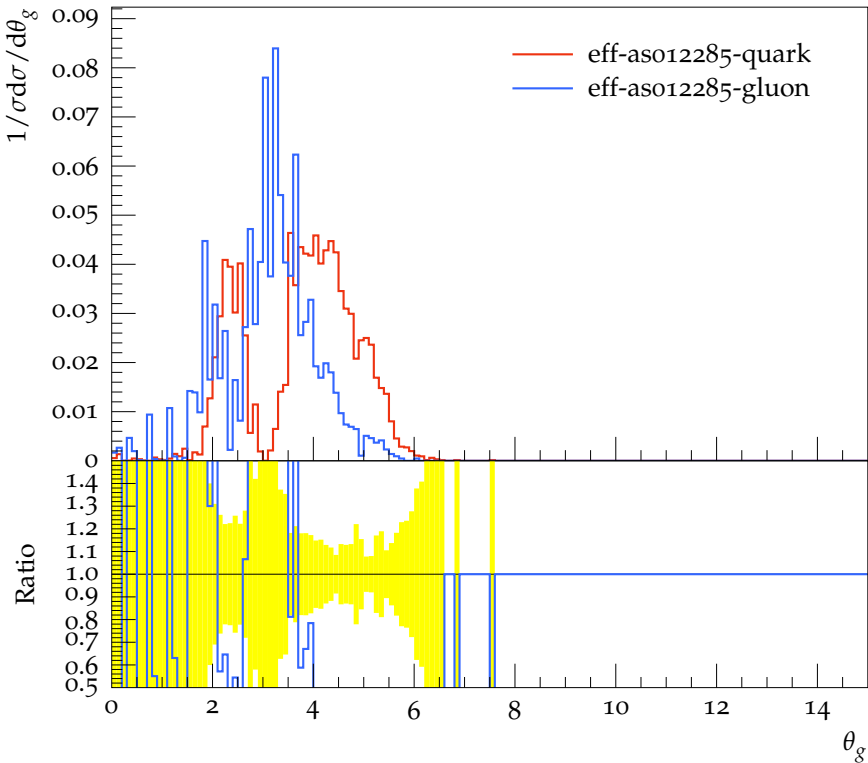
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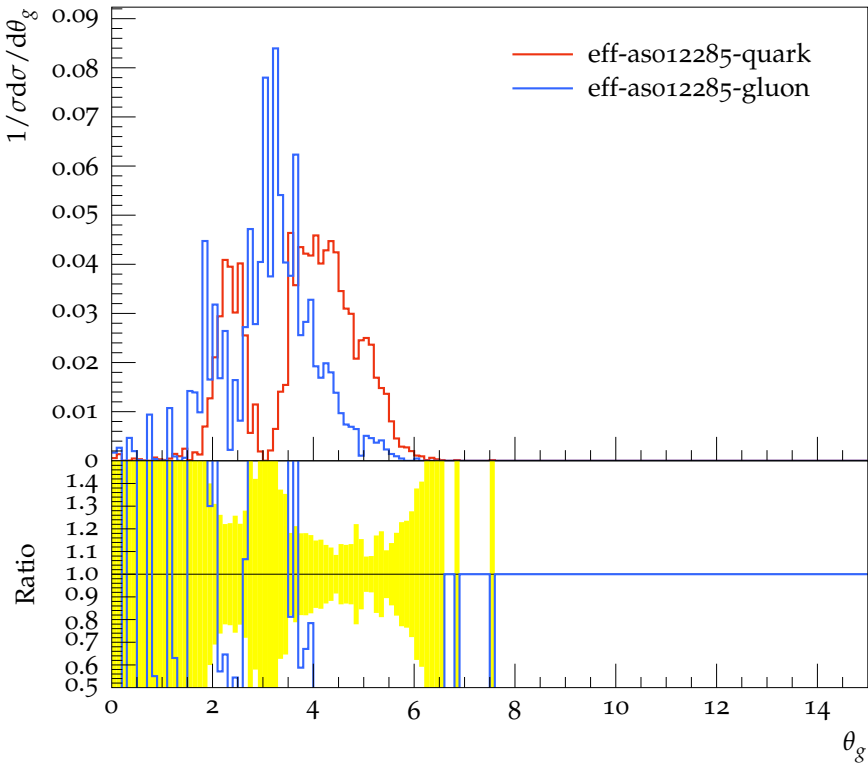
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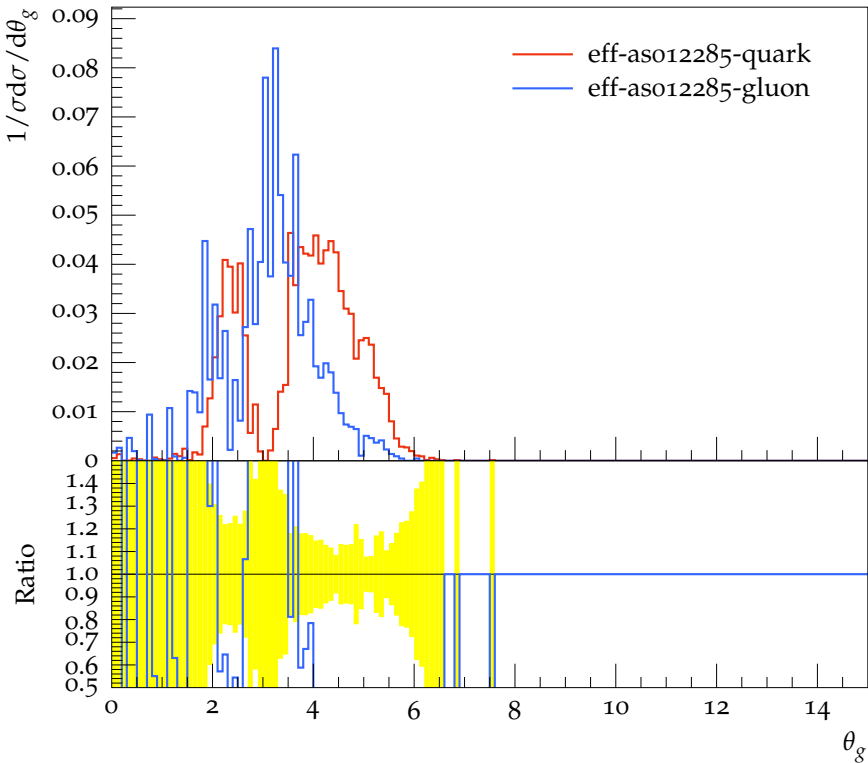
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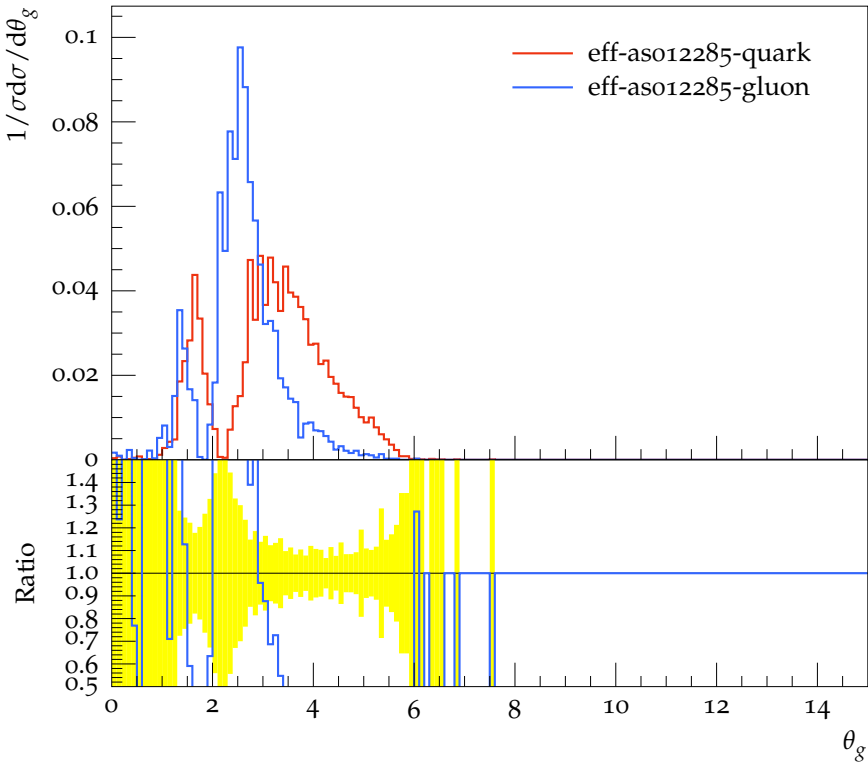
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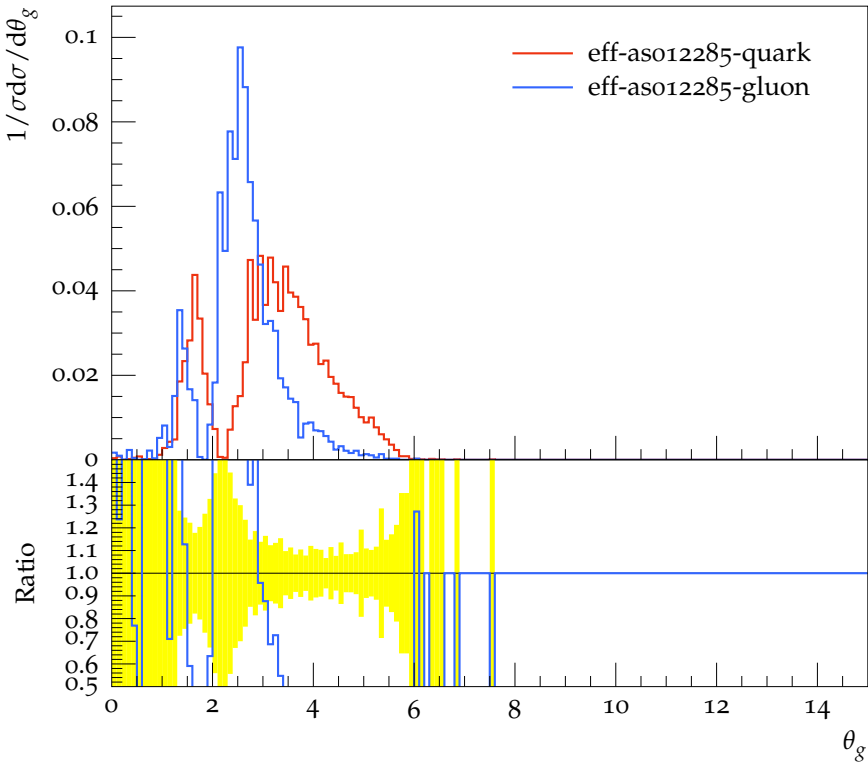
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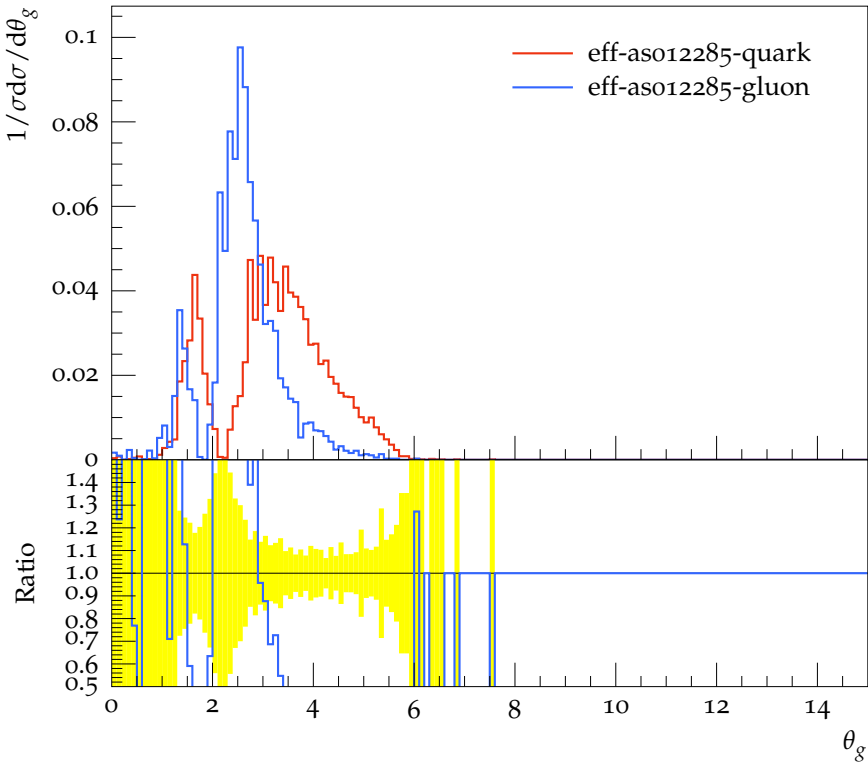
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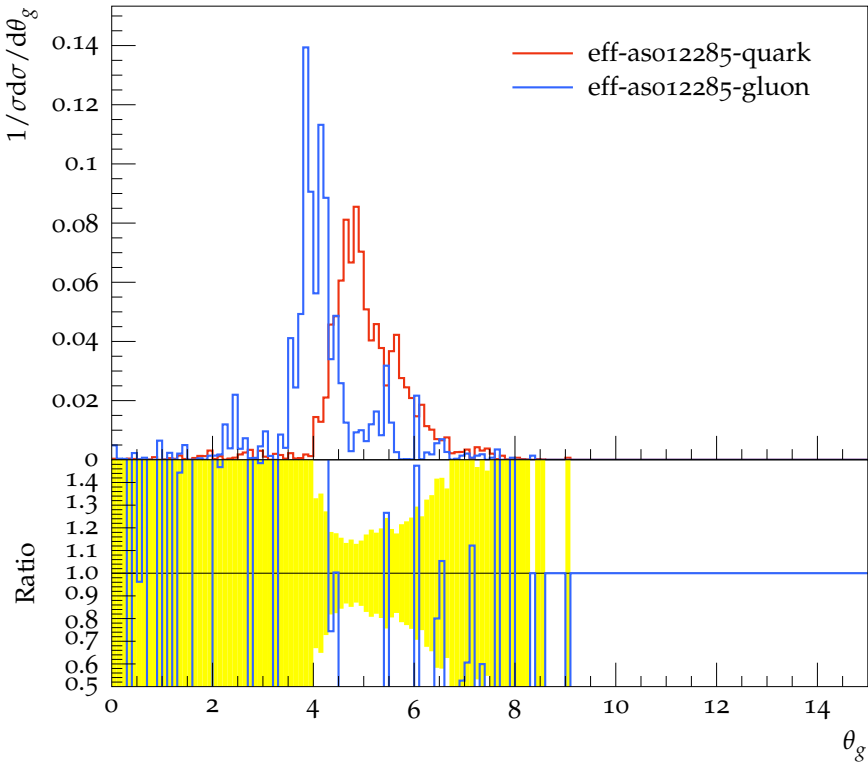
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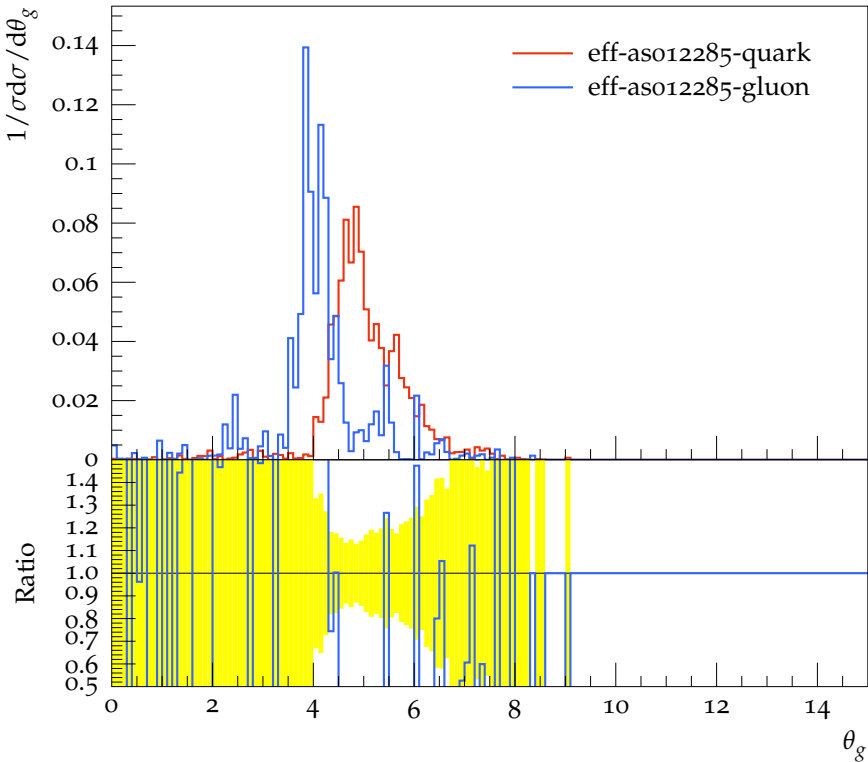
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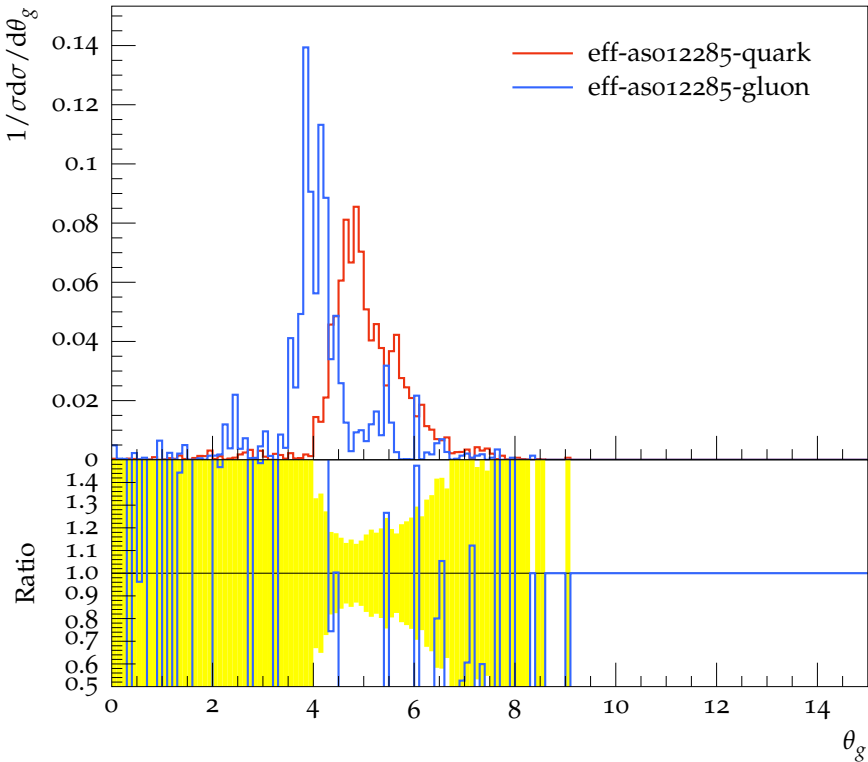
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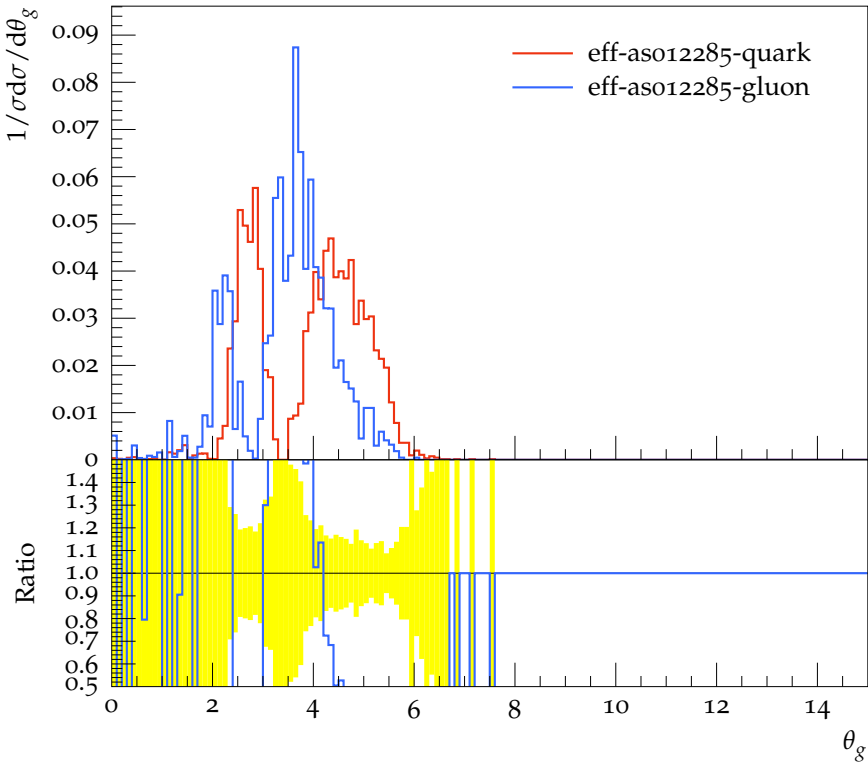
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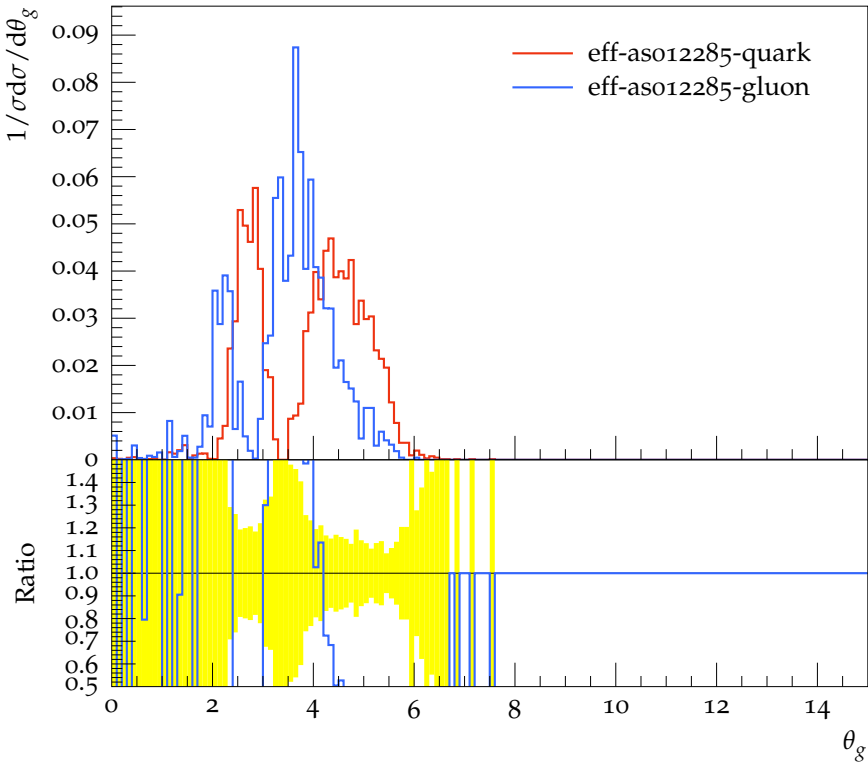
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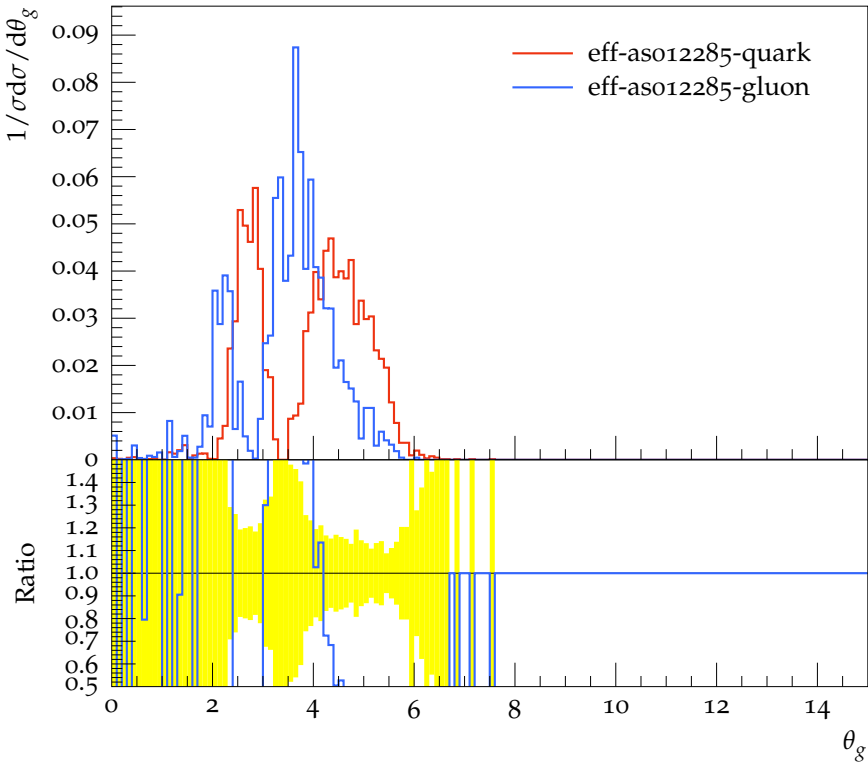
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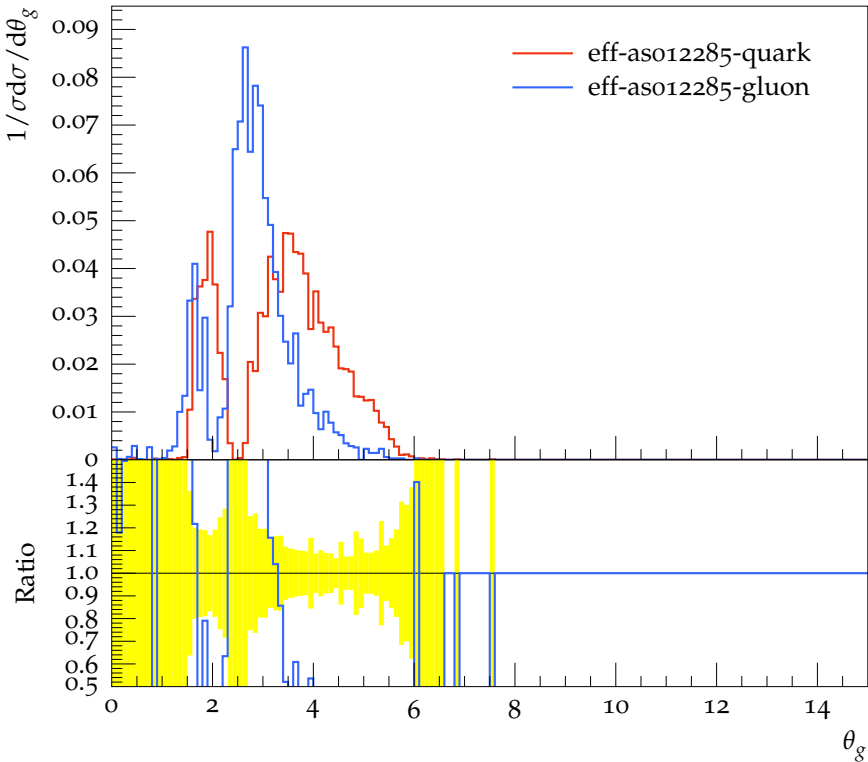
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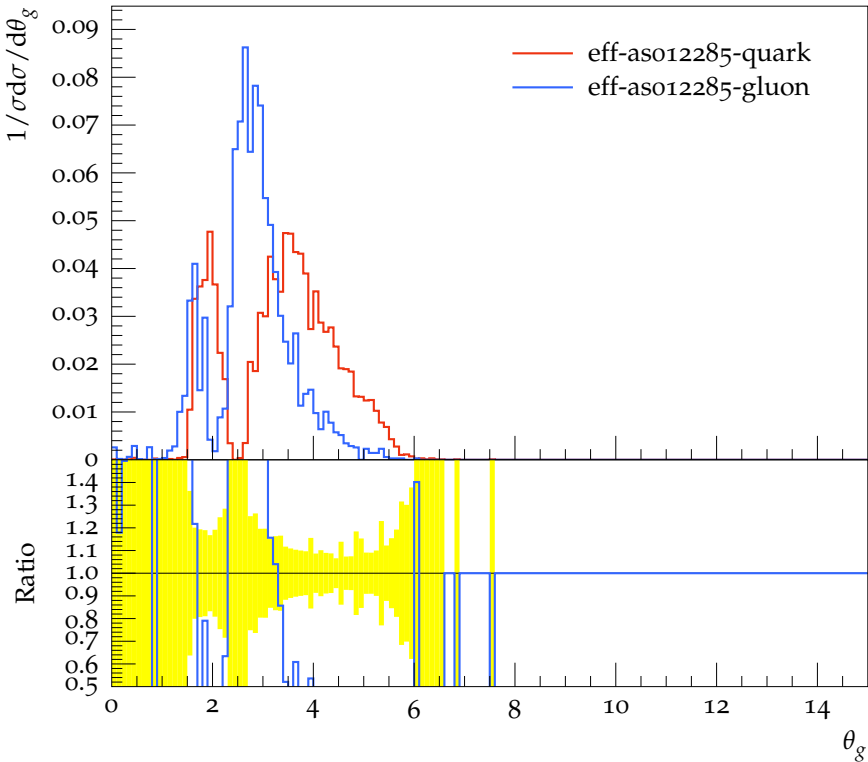
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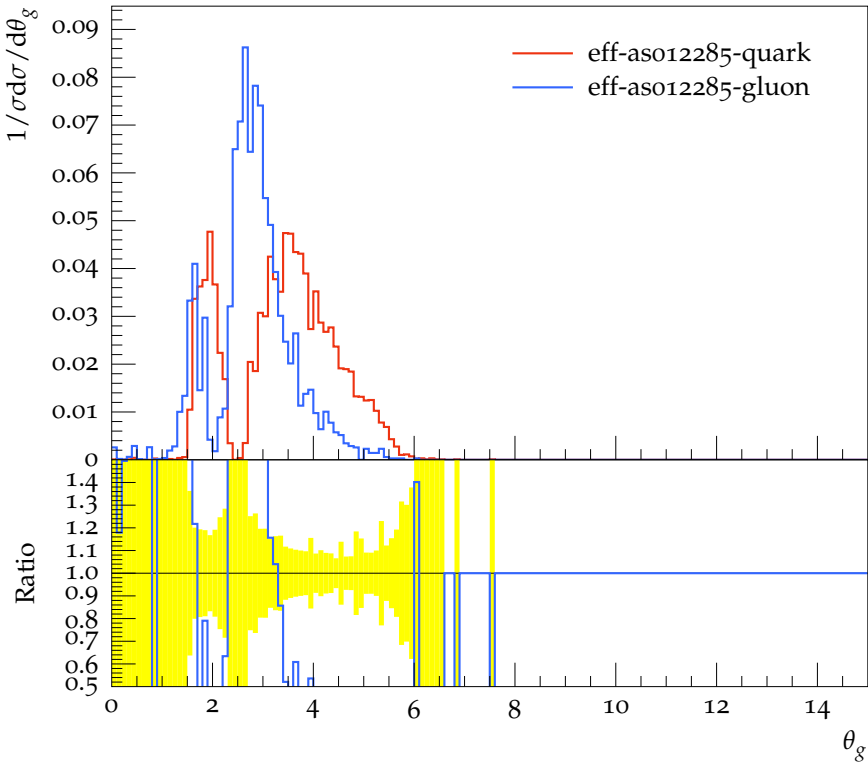
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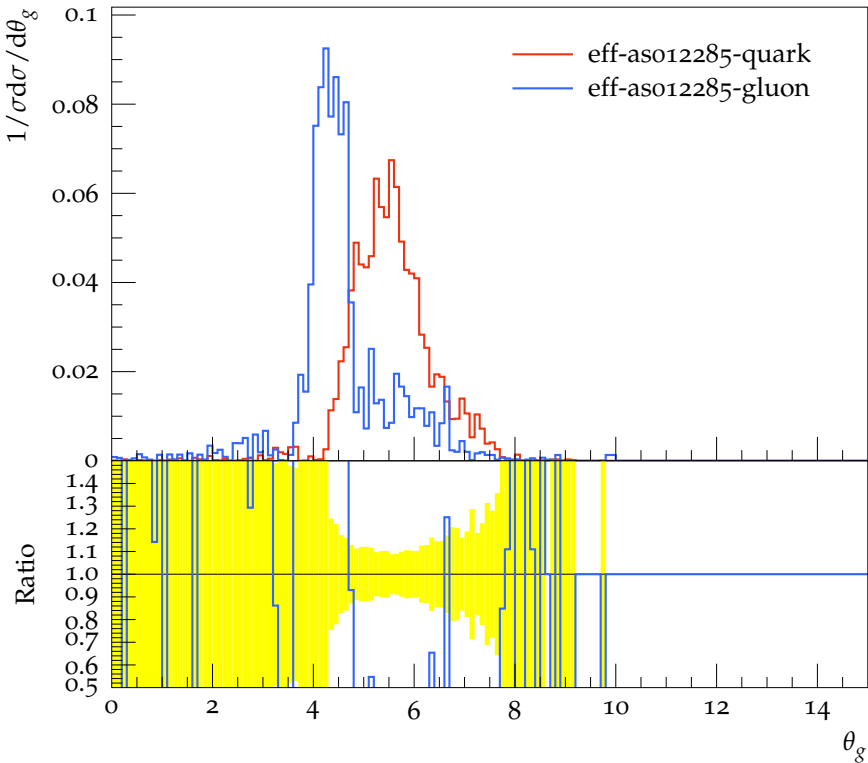
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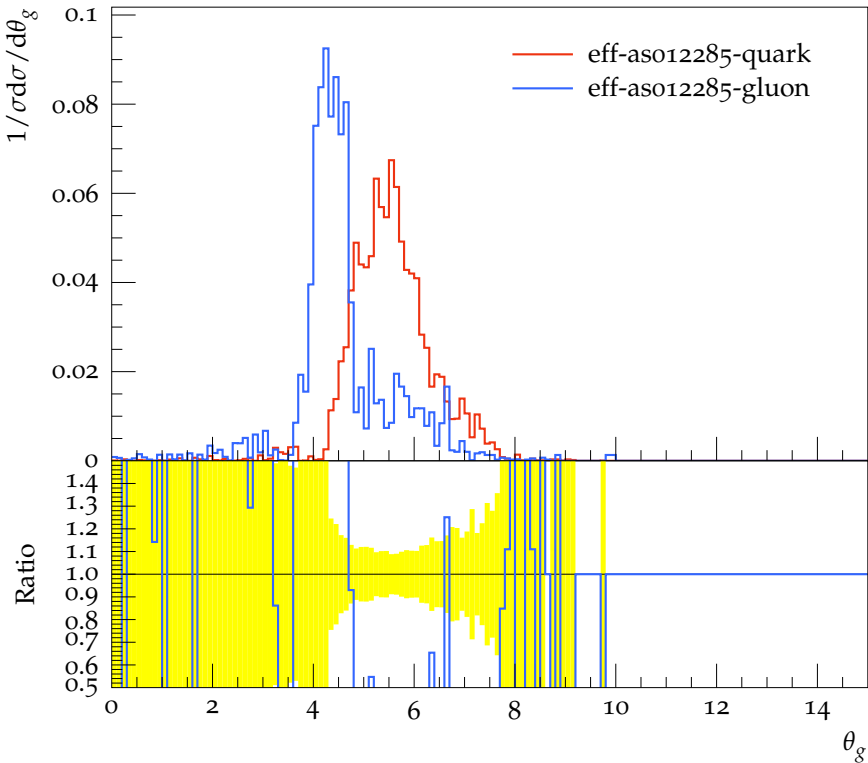
$$\theta_g, \alpha = 2 \quad z_{cut} = 0.1 \quad \beta = 2$$



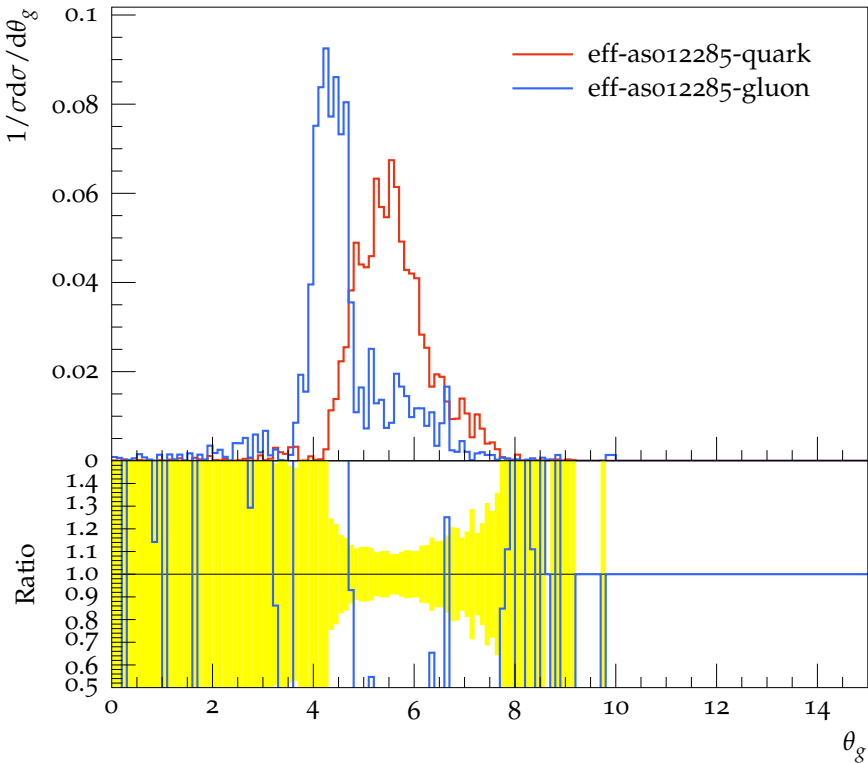
$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.2 \quad \beta = 0$$



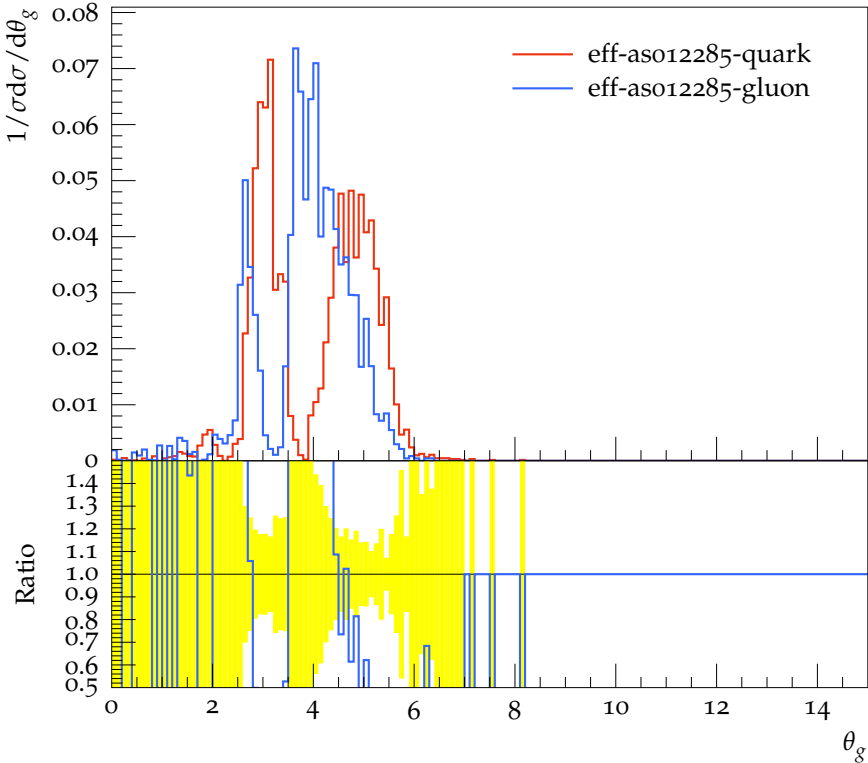
$$\theta_g, \alpha = 1 \quad z_{cut} = 0.2 \quad \beta = 0$$

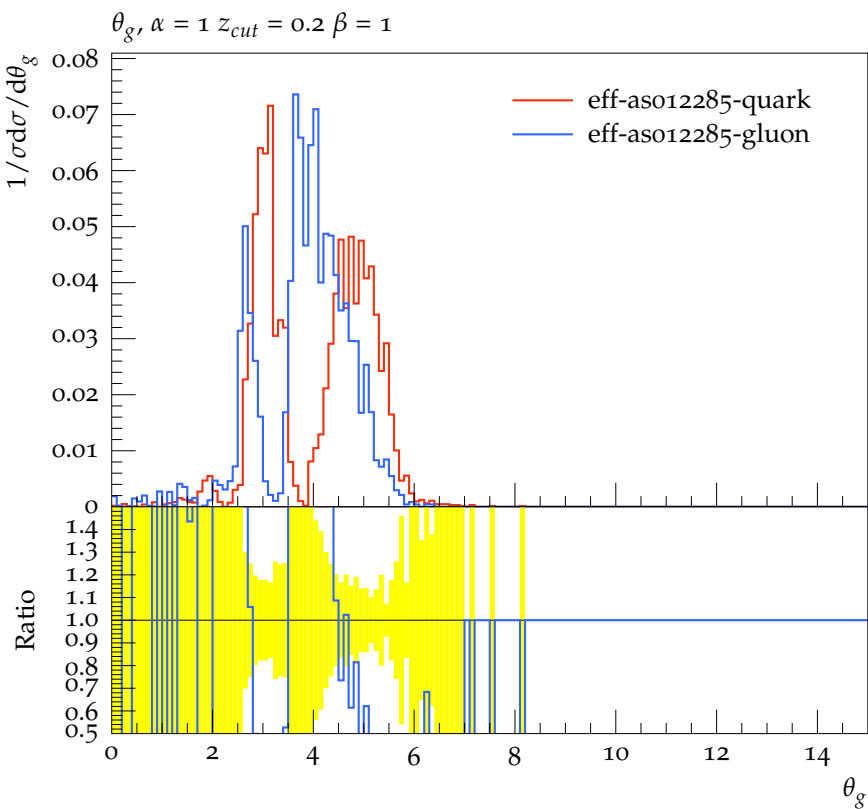


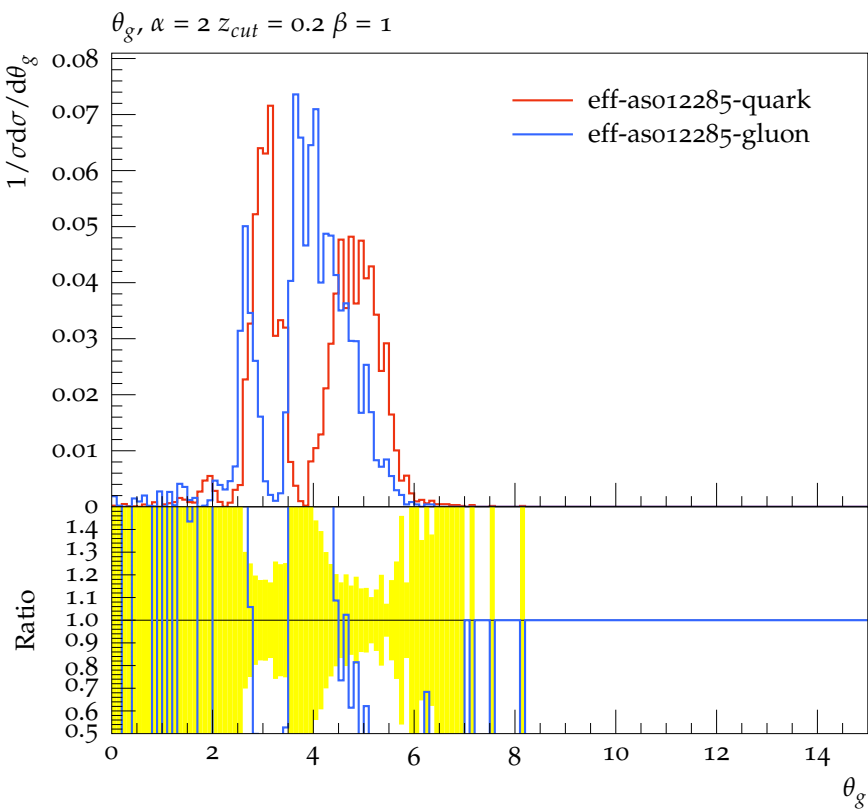
$$\theta_g, \alpha = 2 \quad z_{cut} = 0.2 \quad \beta = 0$$



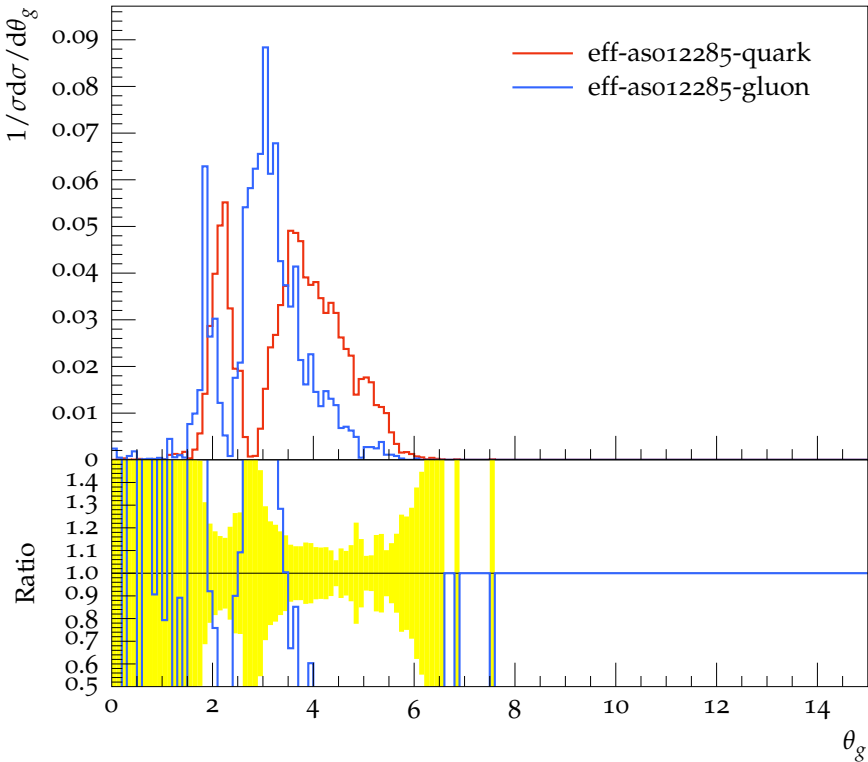
$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.2 \quad \beta = 1$$



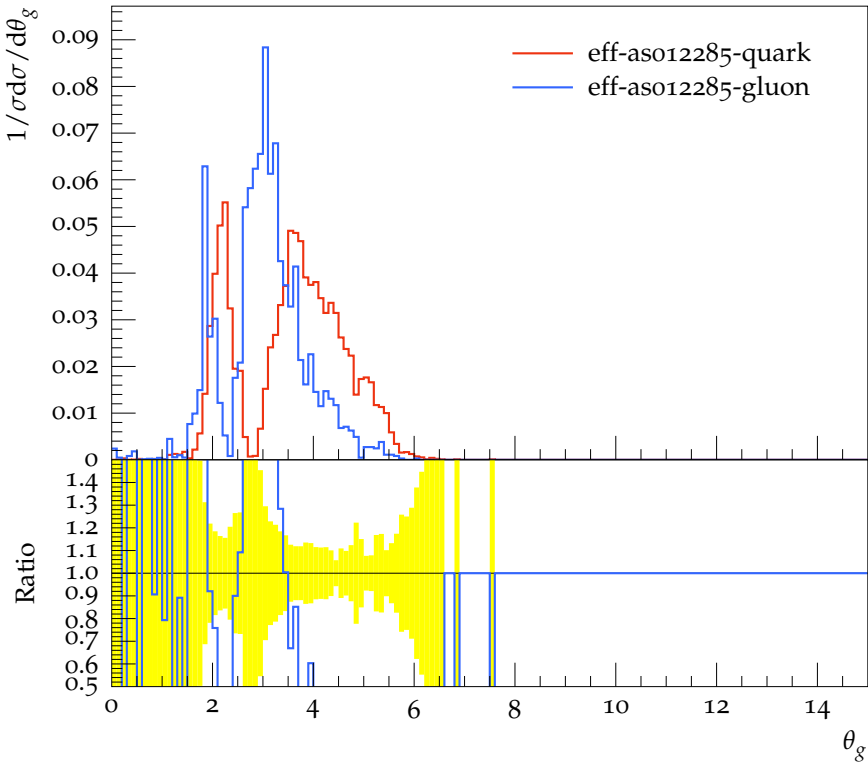




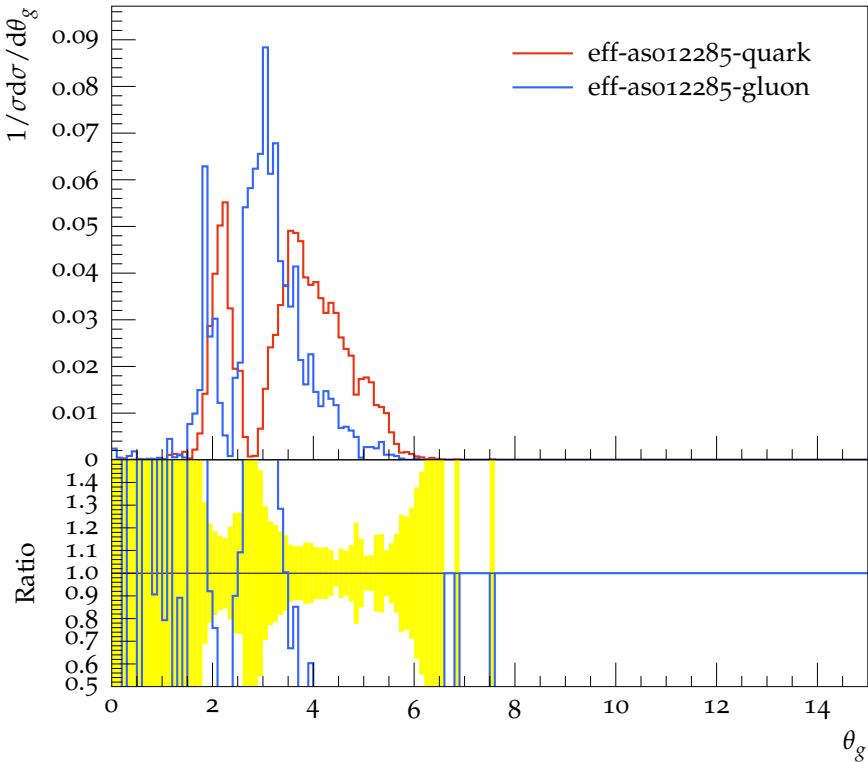
$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.2 \quad \beta = 2$$



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



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



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

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

0.6
0.5
0.4
0.3
0.2
0.1
0

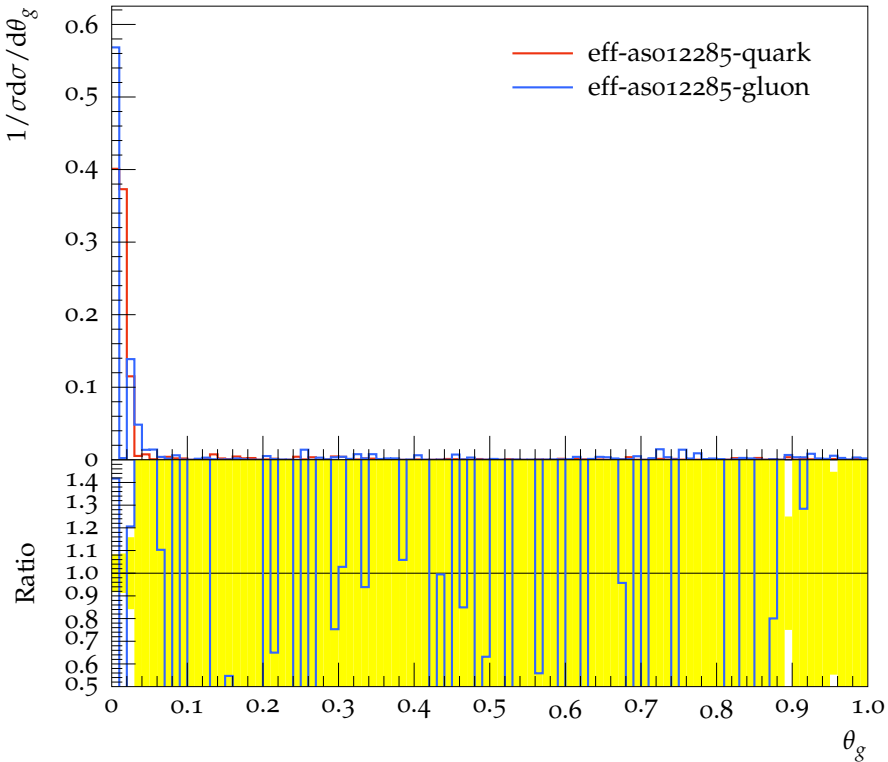
— eff-as012285-quark
— eff-as012285-gluon

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

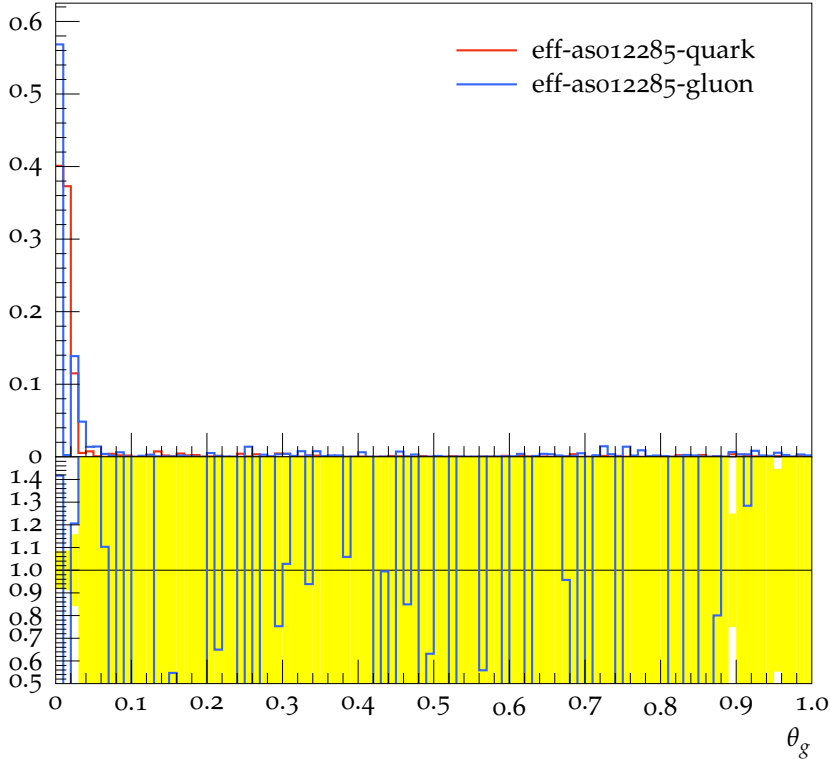


$$\theta_g, \alpha = 1 \quad z_{cut} = 0.05 \quad \beta = 0$$

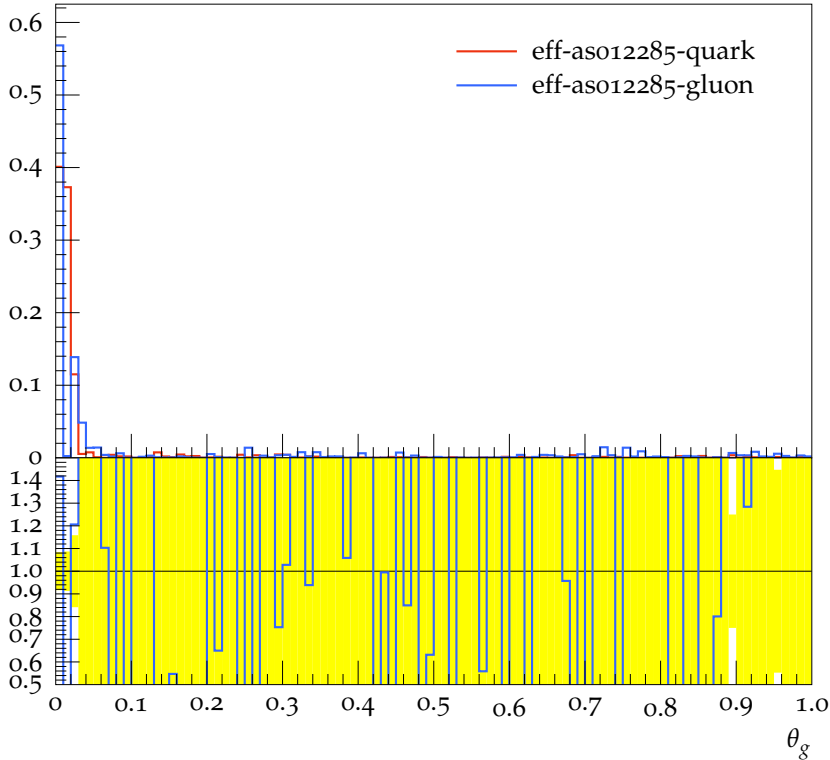
 $1/\sigma d\sigma/d\theta_g$

— eff-as012285-quark
— eff-as012285-gluon

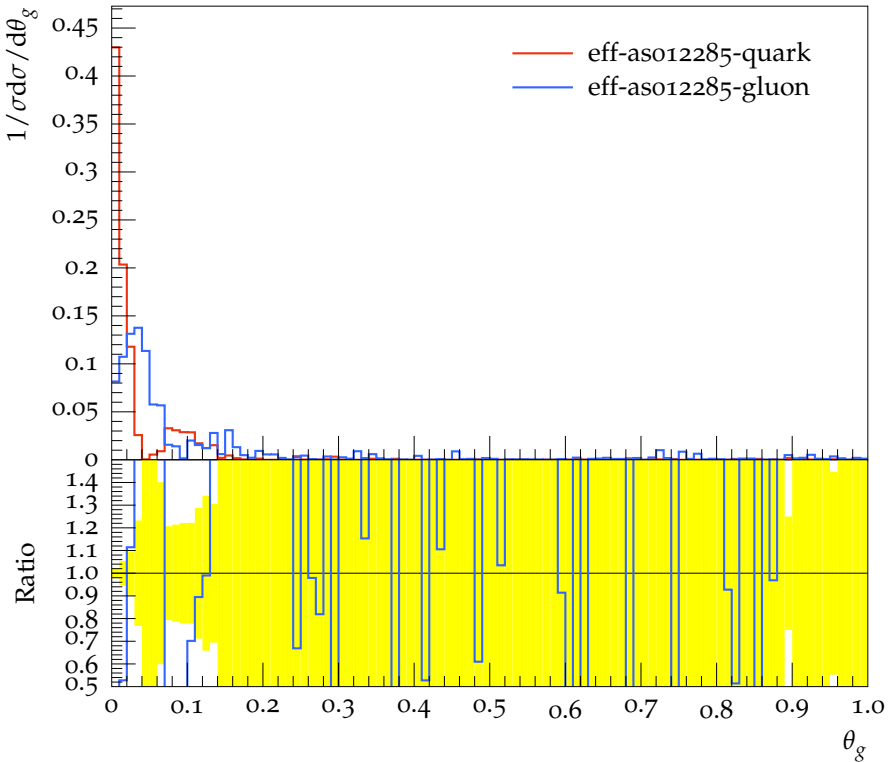
Ratio



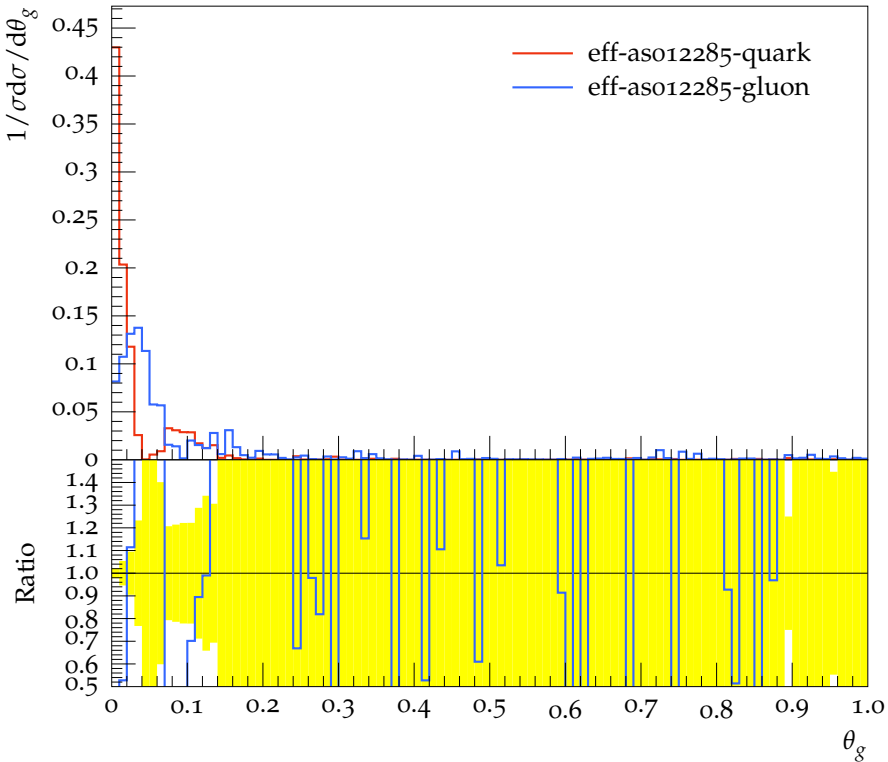
$$\theta_g, \alpha = 2 \ z_{cut} = 0.05 \ \beta = 0$$

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


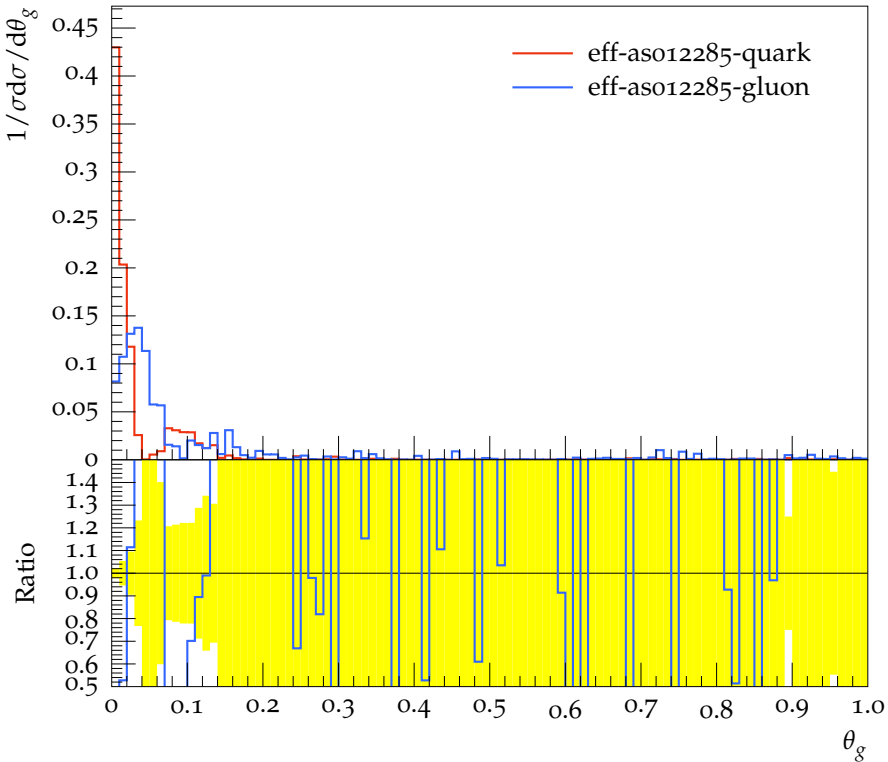
$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.05 \ \beta = 1$$



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



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

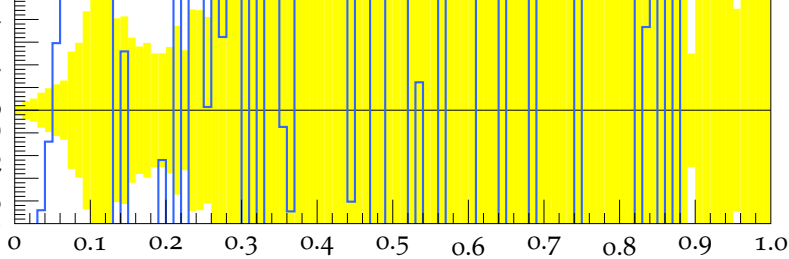


$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.05 \quad \beta = 2$$

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

— eff-as012285-quark
— eff-as012285-gluon

Ratio

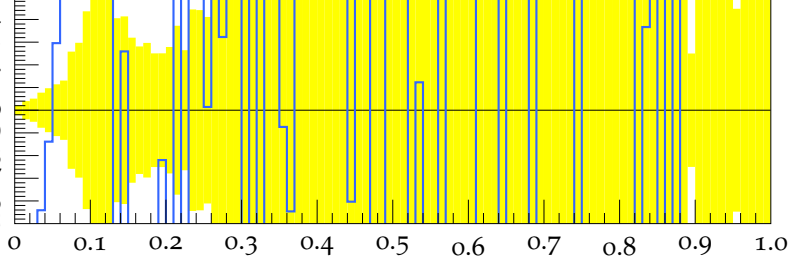


$$\theta_g, \alpha = 1 \quad z_{cut} = 0.05 \quad \beta = 2$$

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

— eff-as012285-quark
— eff-as012285-gluon

Ratio

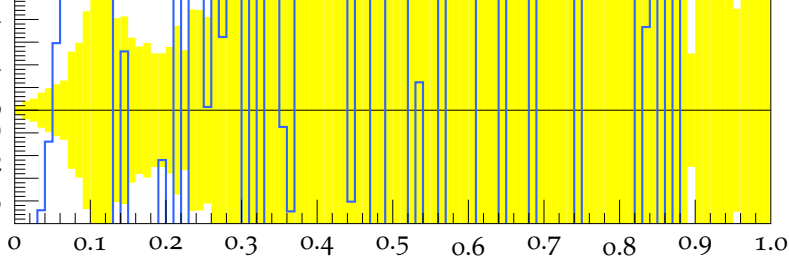


$$\theta_g, \alpha = 2 \quad z_{cut} = 0.05 \quad \beta = 2$$

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

eff-as012285-quark
eff-as012285-gluon

Ratio



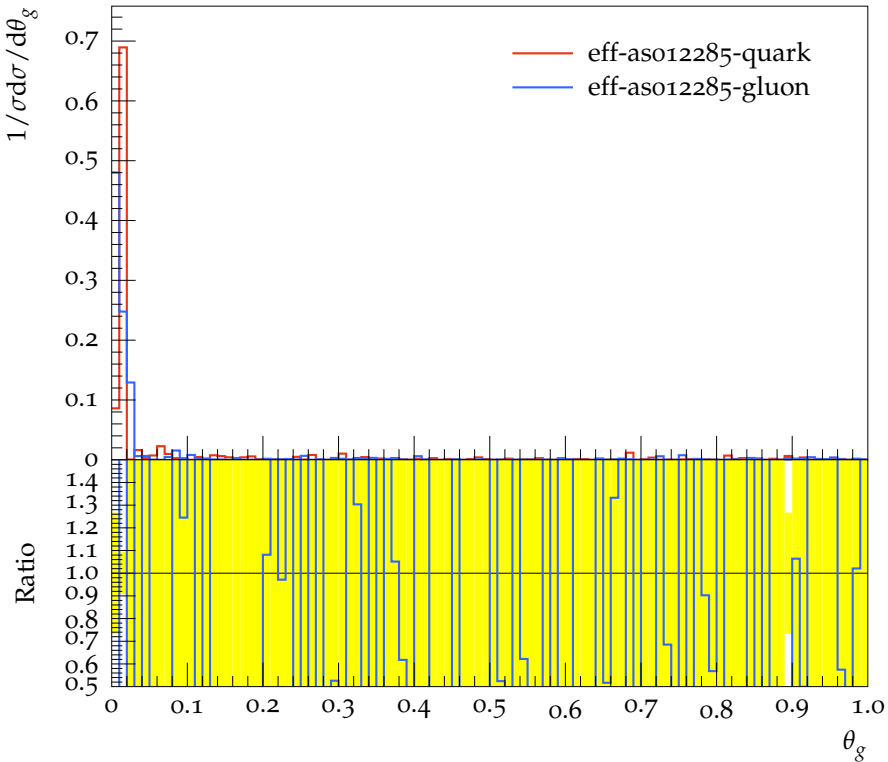
$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.1 \quad \beta = 0$$

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

eff-as012285-quark

eff-as012285-gluon

Ratio

 θ_g 

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

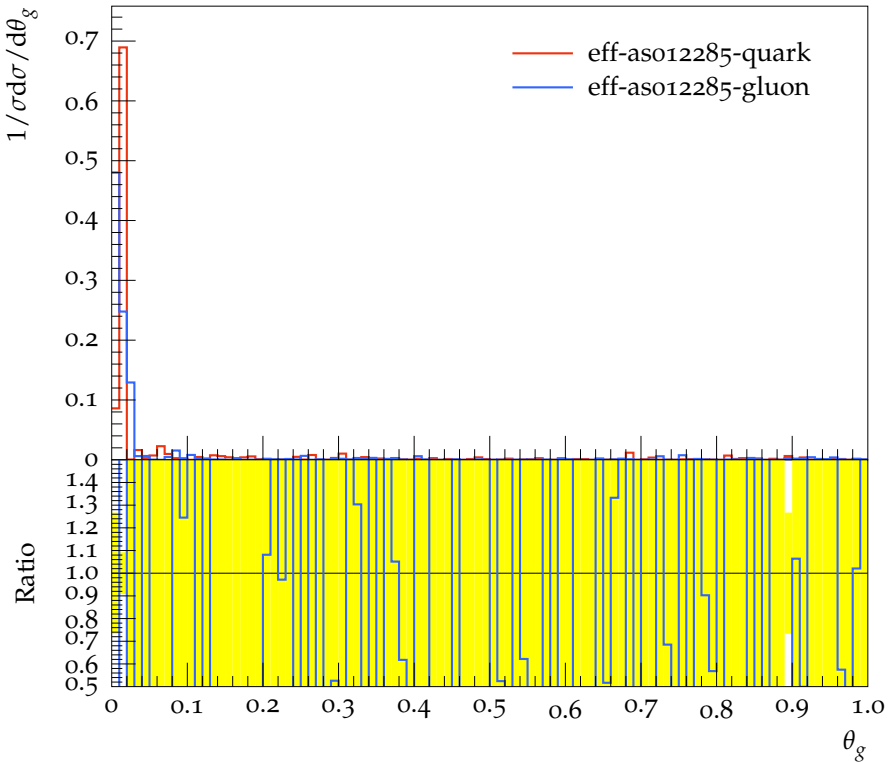
$$1/\sigma d\sigma/d\theta_g$$

eff-as012285-quark

eff-as012285-gluon

Ratio

$$\theta_g$$



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

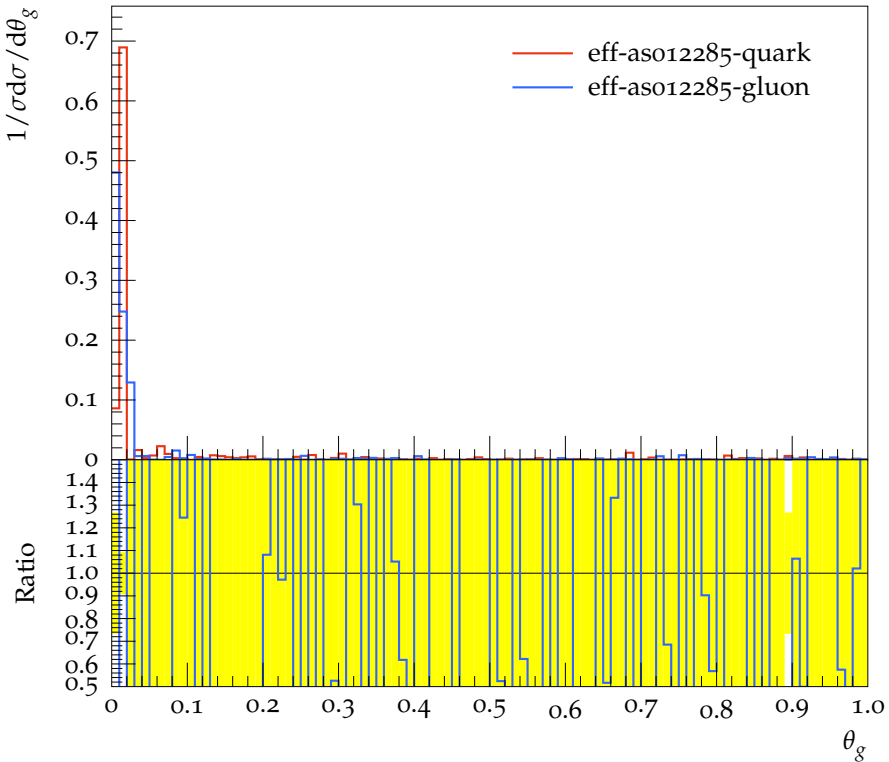
$$1/\sigma d\sigma/d\theta_g$$

eff-as012285-quark

eff-as012285-gluon

Ratio

$$\theta_g$$



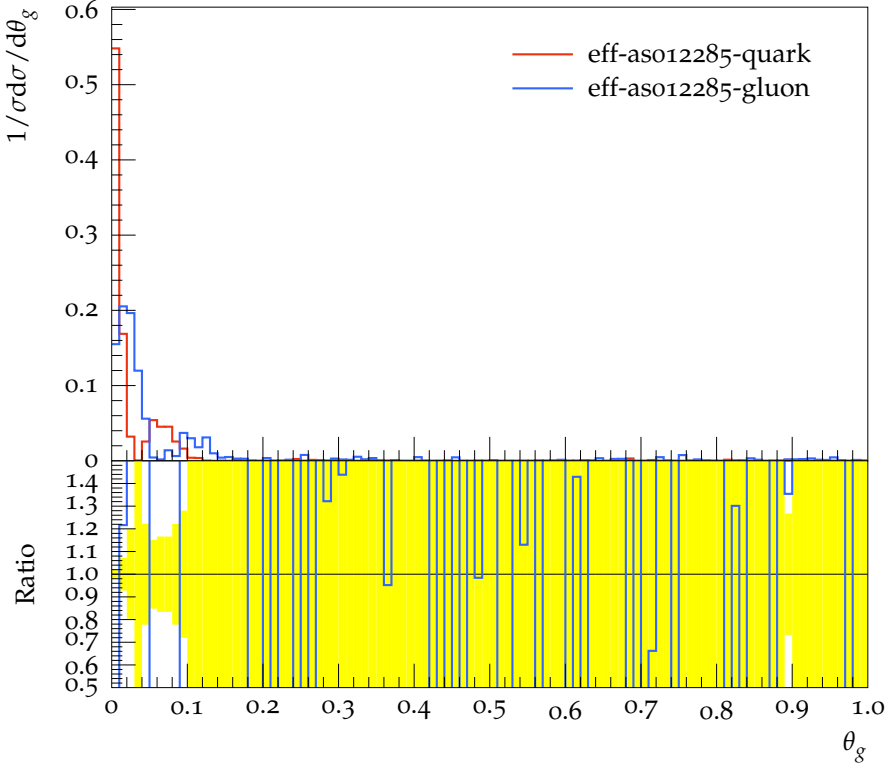
$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.1 \quad \beta = 1$$

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

eff-as012285-quark
eff-as012285-gluon

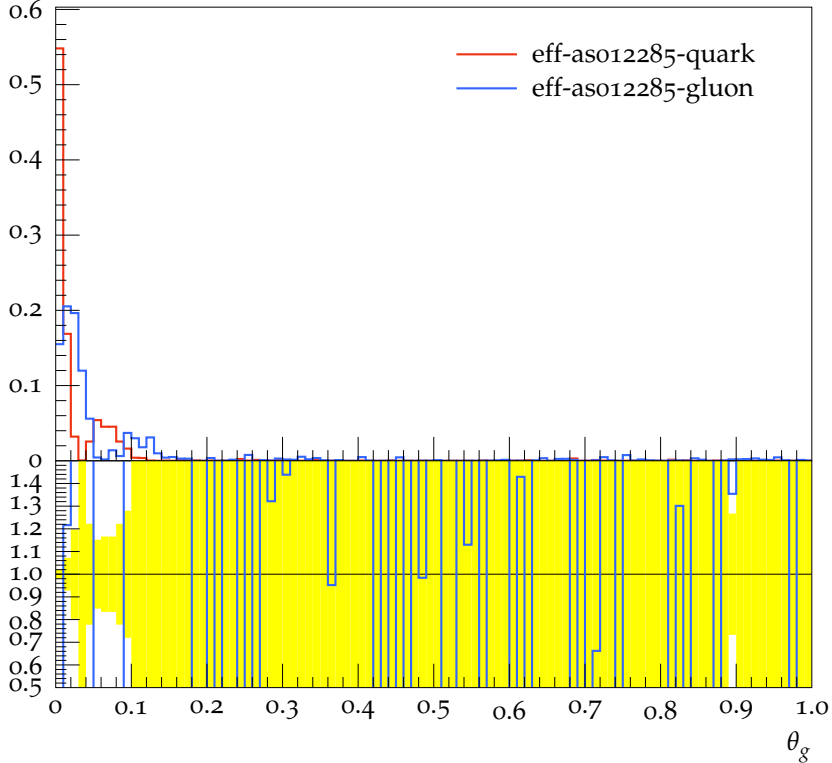
Ratio

θ_g



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

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



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

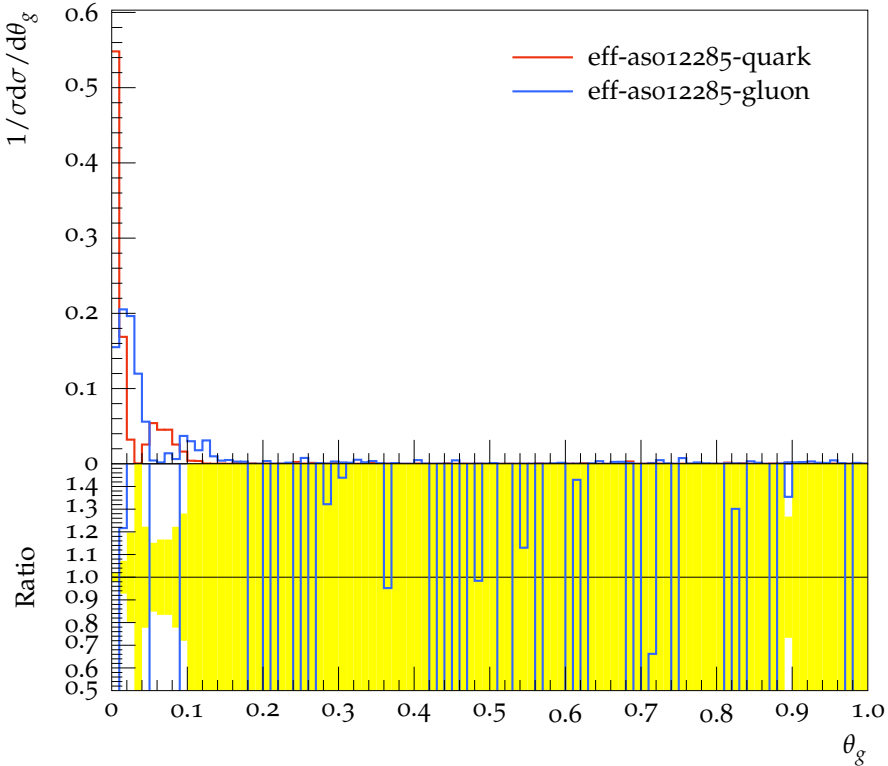
$$1/\sigma d\sigma/d\theta_g$$

eff-as012285-quark

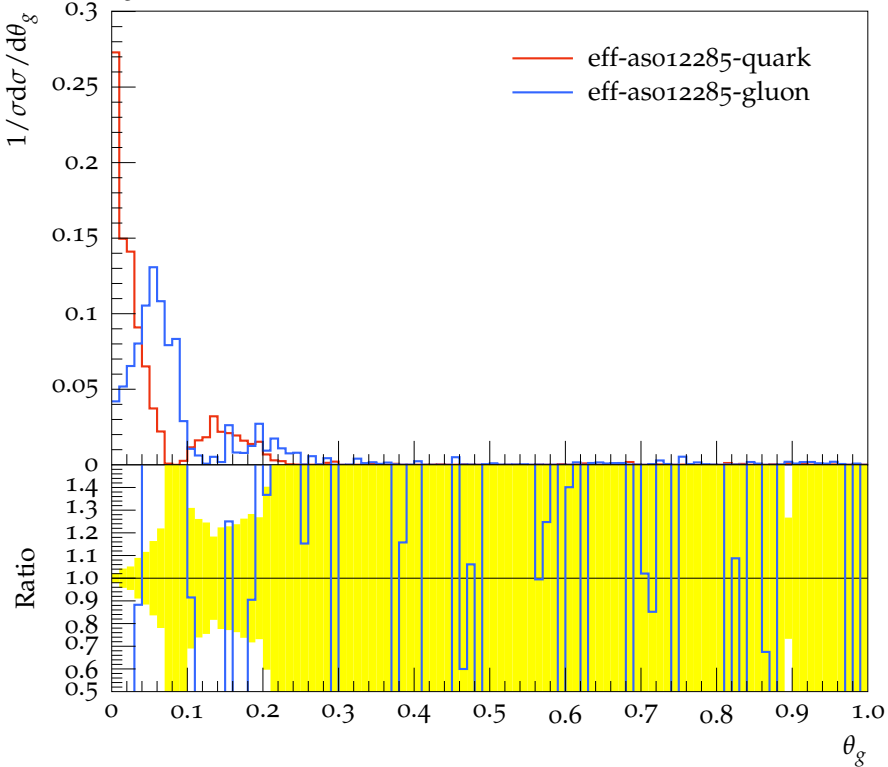
eff-as012285-gluon

Ratio

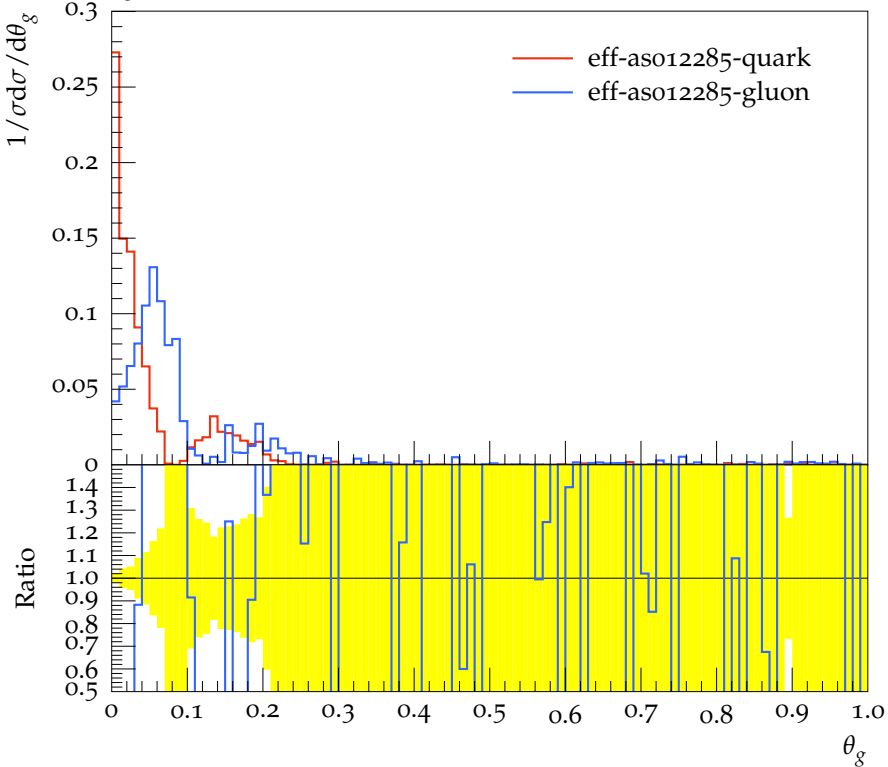
$$\theta_g$$

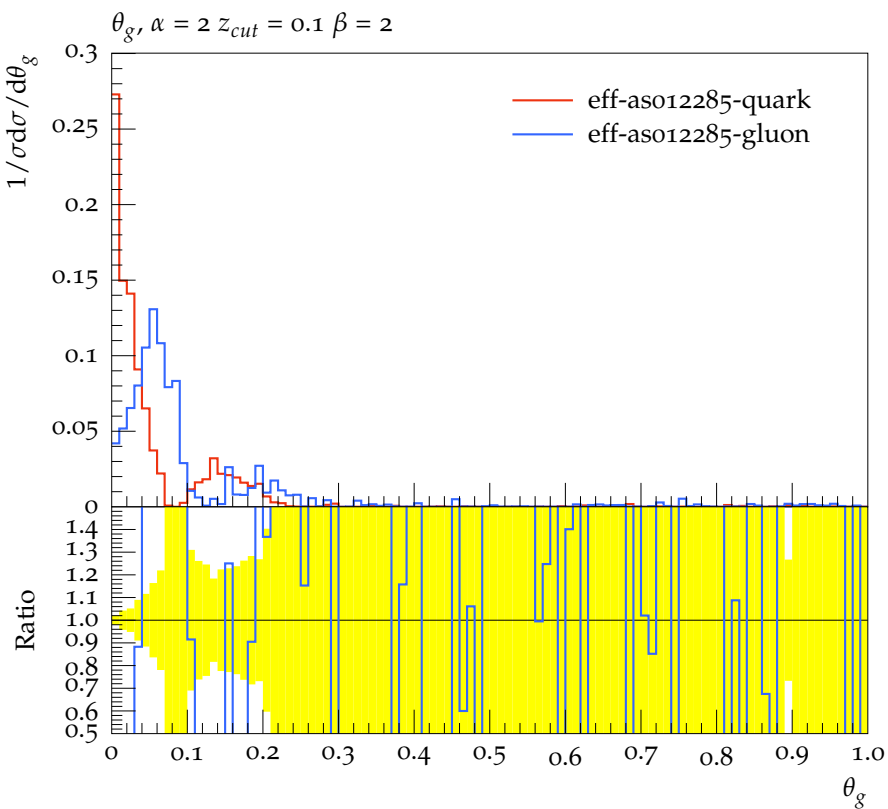


$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.1 \quad \beta = 2$$

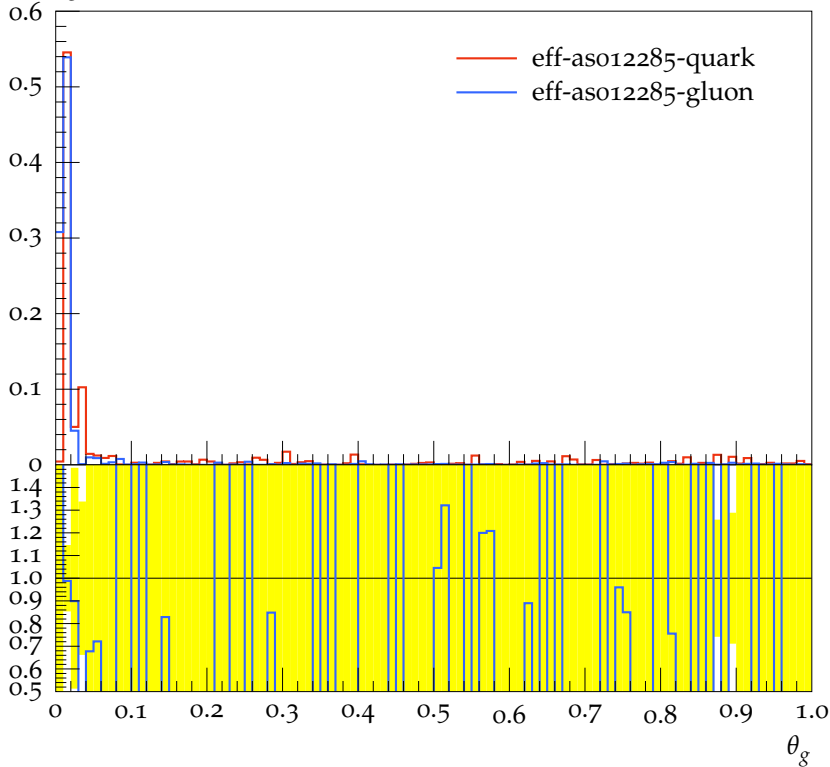


$$\theta_g, \alpha = 1 \quad z_{cut} = 0.1 \quad \beta = 2$$



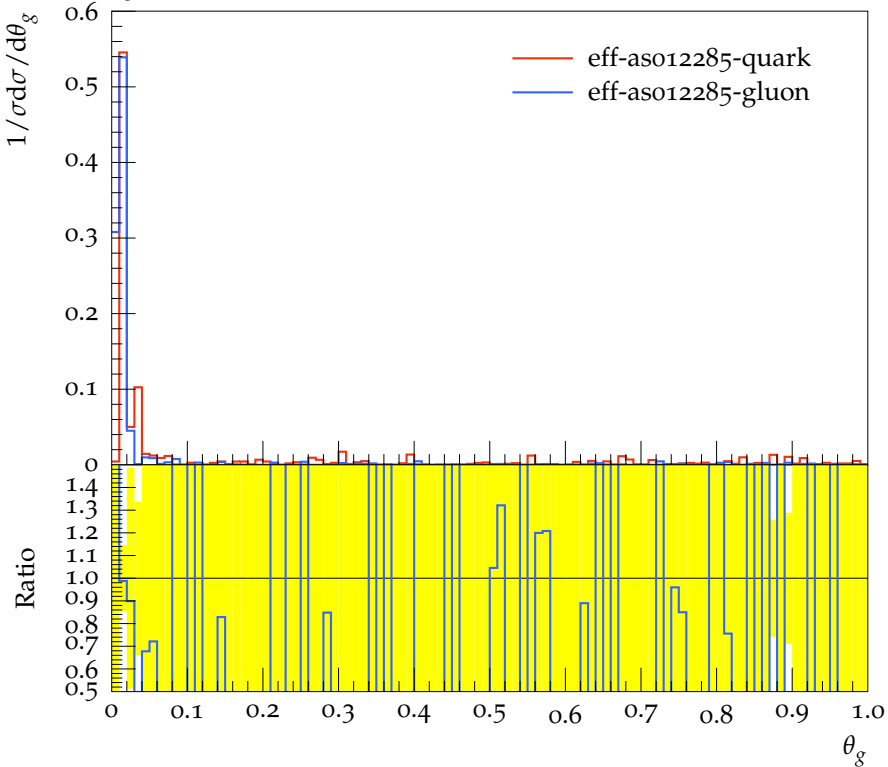


$$\theta_g, \alpha = 0.5 \quad z_{cut} = 0.2 \quad \beta = 0$$

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


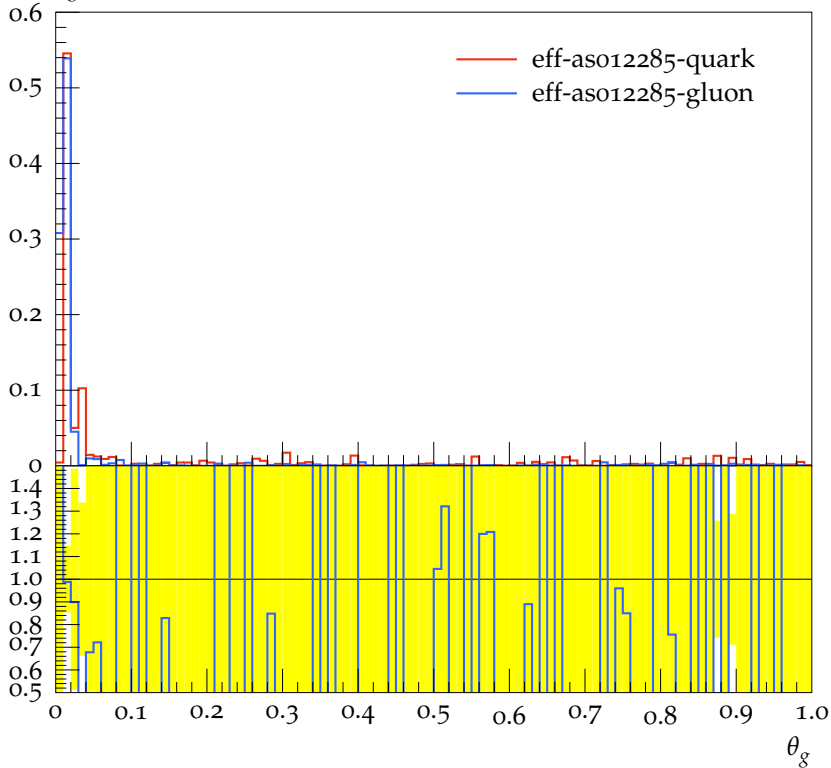
$$\theta_g, \alpha = 1 \quad z_{cut} = 0.2 \quad \beta = 0$$

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

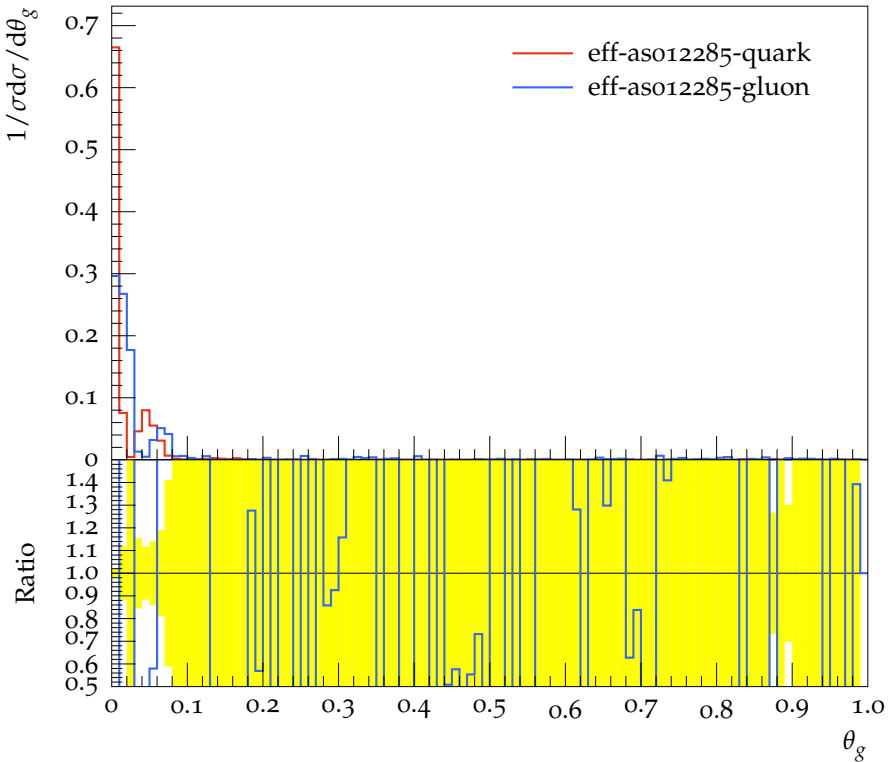


$$\theta_g, \alpha = 2 \ z_{cut} = 0.2 \ \beta = 0$$

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

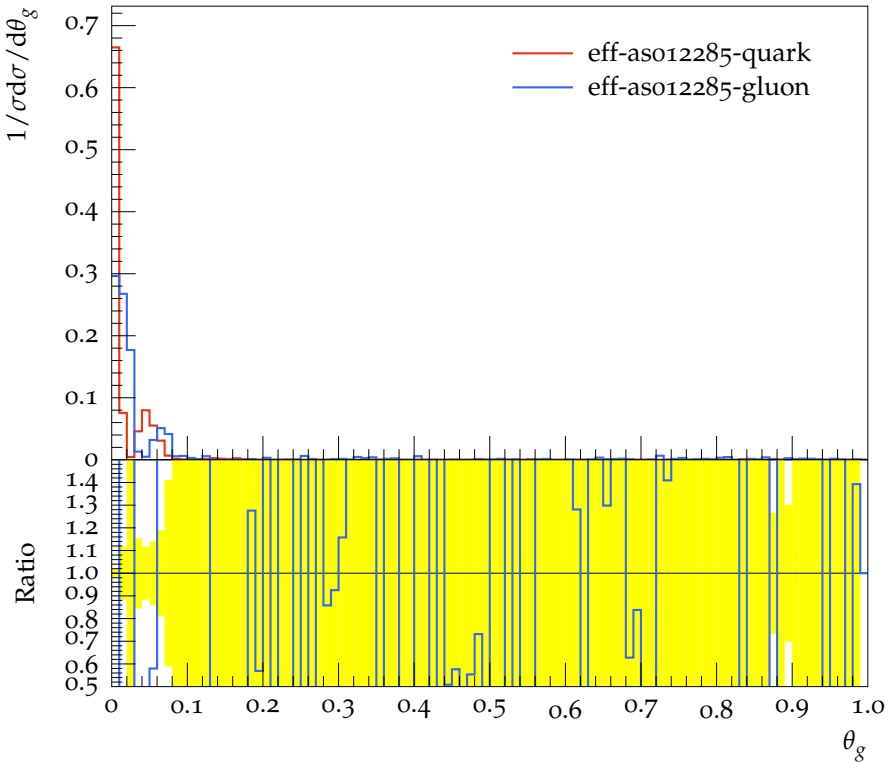


$$\theta_g, \alpha = 0.5 \ z_{cut} = 0.2 \ \beta = 1$$



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

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



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

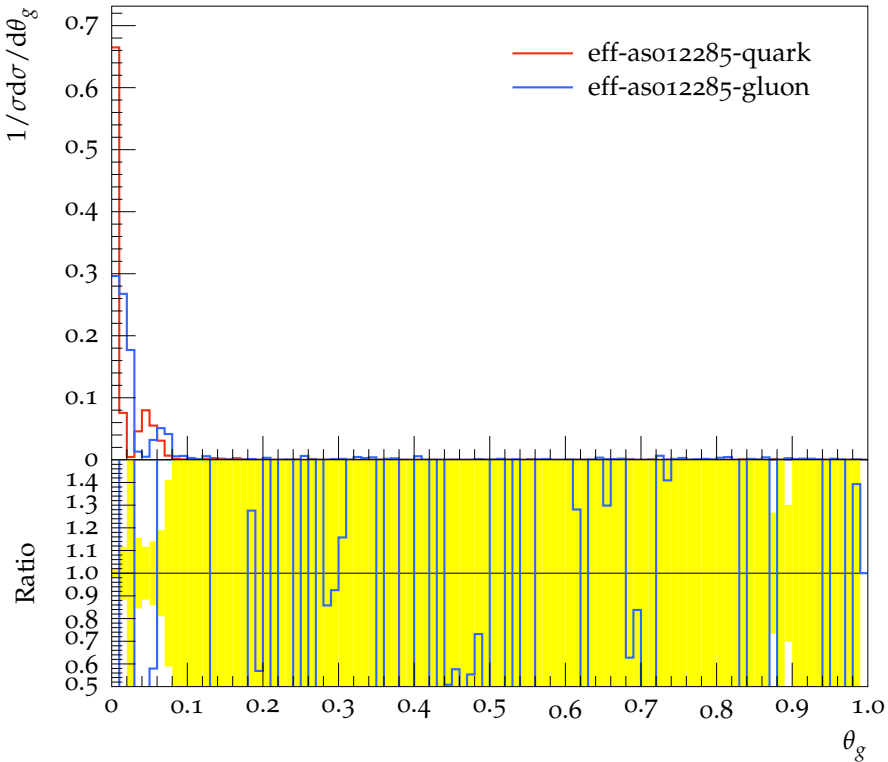
 $1/\sigma d\sigma/d\theta_g$

eff-as012285-quark
eff-as012285-gluon

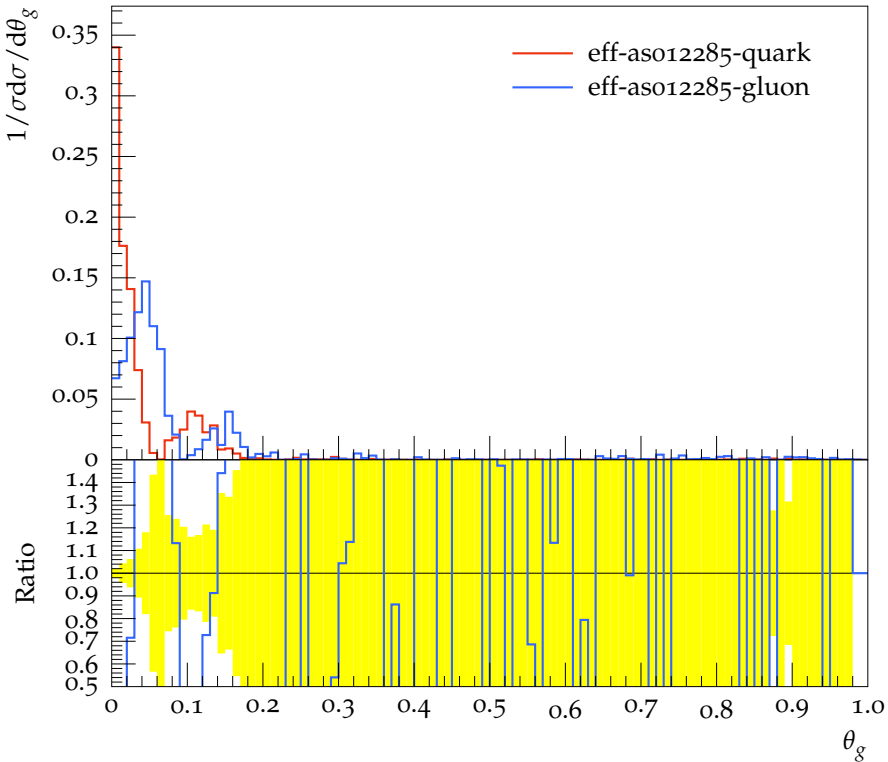
Ratio

0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0

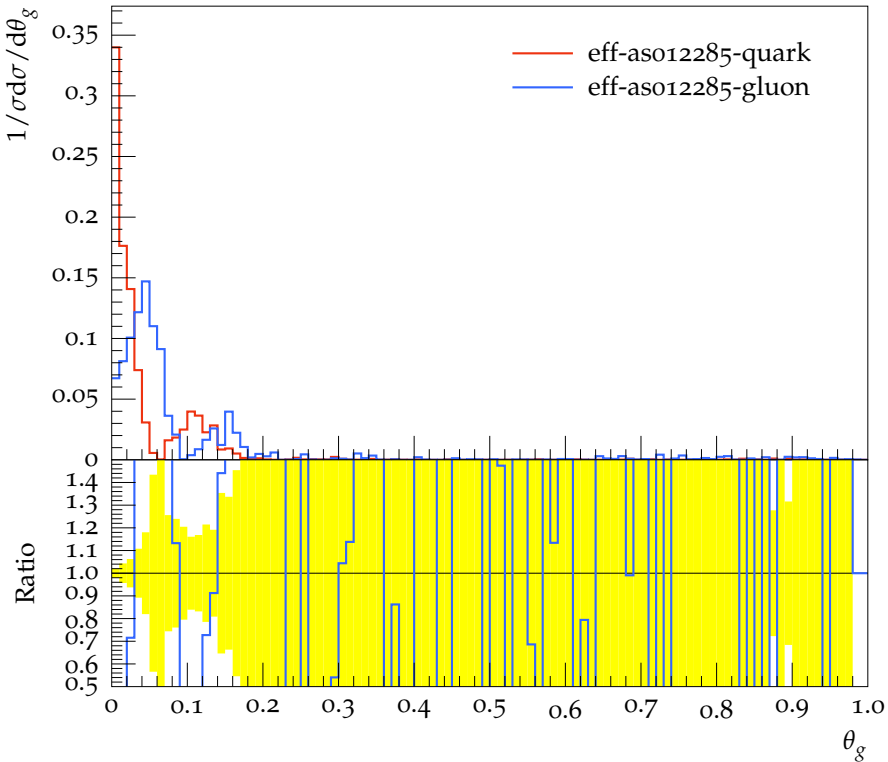
θ_g



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



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



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

