

Z+Jet

Rivet 3.1.10, 2.2M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

pTD2

 $\mathbf{d}^N$

Ratio to CMS

■ CMS

--- Herwig 7.2.1 default

50000 —

ρ^L	1
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70	1
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urn 0000

athletic	1
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m	1
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Year	Total Population (Millions)	Population 65+ (Millions)
1980	225	15
1985	235	16
1990	245	17
1995	255	18
2000	265	19
2005	275	20
2010	285	21
2015	295	22
2020	305	23

mat

Year	Total Workforce (millions)	Nonfarm Sector Workforce (millions)
1980	80	70
1985	85	75
1990	90	80
1995	95	85
2000	105	95

$$|Z| = 1$$

d

Year	Total Workforce (millions)	Nonfarm Sector Workforce (millions)
1990	100	80
1995	105	85
2000	110	90
2005	115	95
2010	140	120

math

ma

Age Group	n
18-24	1
25-34	2
35-44	3
45-54	4
55-64	5
65-74	6
75-84	7
85-94	8
95-104	9

2

Number of children	SV (%)
0	10
1	20
2	30
3	15
4	10
5	5
6	5
7	2
8	2
9	1
10	1

Age group	Number of people
0-14	10
15-24	20
25-34	30
35-44	40
45-54	50
55-64	60
65-74	70
75+	80

to	1	
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Country	2010 Ratio	2011 Ratio
United States	0.25	0.20
Germany	0.20	0.15
China	0.15	0.10

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0.5 |—

0.10

