





$|y| < 2.4$

Cent. 0-100%

Projection

X. Du, M. He, R. Rapp

 $\Upsilon(1S)$ Total $\Upsilon(1S)$  $\Upsilon(2S)$ Total $\Upsilon(2S)$ R_{AA}

0

0.2

0.4

0.6

0.8

1

 p_T (GeV)

30

25

20

15

10

5

0

30

25

20

15

10

5

0

-5

-10

-15

-20

-25

-30

-35

-40

-45

-50

-55

-60

-65

-70

-75

-80

-85

-90

-95

-100

-105

-110

-115

-120

-125

-130

-135

-140

-145

-150

-155

-160

-165

-170

-175

-180

-185

-190

-195

-200

-205

-210

-215

-220

-225

-230

-235

-240

-245

-250

-255

-260

-265

-270

-275

-280

-285

-290

-295

-300

-305

-310

-315

-320

-325

-330

-335

-340

-345

-350

-355

-360

-365

-370

-375

-380

-385

-390

-395

-400

-405

-410

-415

-420

-425

-430

-435

-440

-445

-450

-455

-460

-465

-470

-475

-480

-485

-490

-495

-500

-505

-510

-515

-520

-525

-530

-535

-540

-545

-550

-555

-560

-565

-570

-575

-580

-585

-590

-595

-600

-605

-610

-615

-620

-625

-630

-635

-640

-645

-650

-655

-660

-665

-670

-675

-680

-685

-690

-695

-700

-705

-710

-715

-720

-725

-730

-735

-740

-745

-750

-755

-760

-765

-770

-775

-780

-785

-790

-795

-800

-805

-810

-815

-820

-825

-830

-835

-840

-845

-850

-855

-860

-865

-870

-875

-880

-885

-890

-895

-900

-905

-910

-915

-920

-925

-930

-935

-940

-945

-950

-955

-960

-965

-970

-975

-980

-985

-990

-995

-1000

-1005

-1010

-1015

-1020

-1025

-1030

-1035

-1040

-1045

-1050

-1055

-1060

-1065

-1070

-1075

-1080

-1085

-1090

-1095

-1100

-1105

-1110

-1115

-1120

-1125

-1130

-1135

-1140

-1145

-1150

-1155

-1160

-1165

-1170

-1175

-1180

-1185

-1190

-1195

-1200

-1205

-1210

-1215

-1220

-1225

-1230

-1235

-1240

-1245

-1250

-1255

-1260

-1265

-1270

-1275

-1280

-1285

-1290

-1295

-1300

-1305

-1310

-1315

-1320

-1325

-1330

-1335

-1340

-1345

-1350

-1355

-1360

-1365

-1370

-1375

-1380

-1385

-1390

-1395

-1400

-1405

-1410

-1415

-1420

-1425

-1430

-1435

-1440

-1445

-1450

-1455

-1460

-1465

-1470

-1475

-1480

-1485

-1490

-1495

-1500

-1505

-1510

-1515

-1520

-1525

-1530

-1535

-1540

-1545

-1550

-1555

-1560

-1565

-1570

-1575

-1580

-1585

-1590