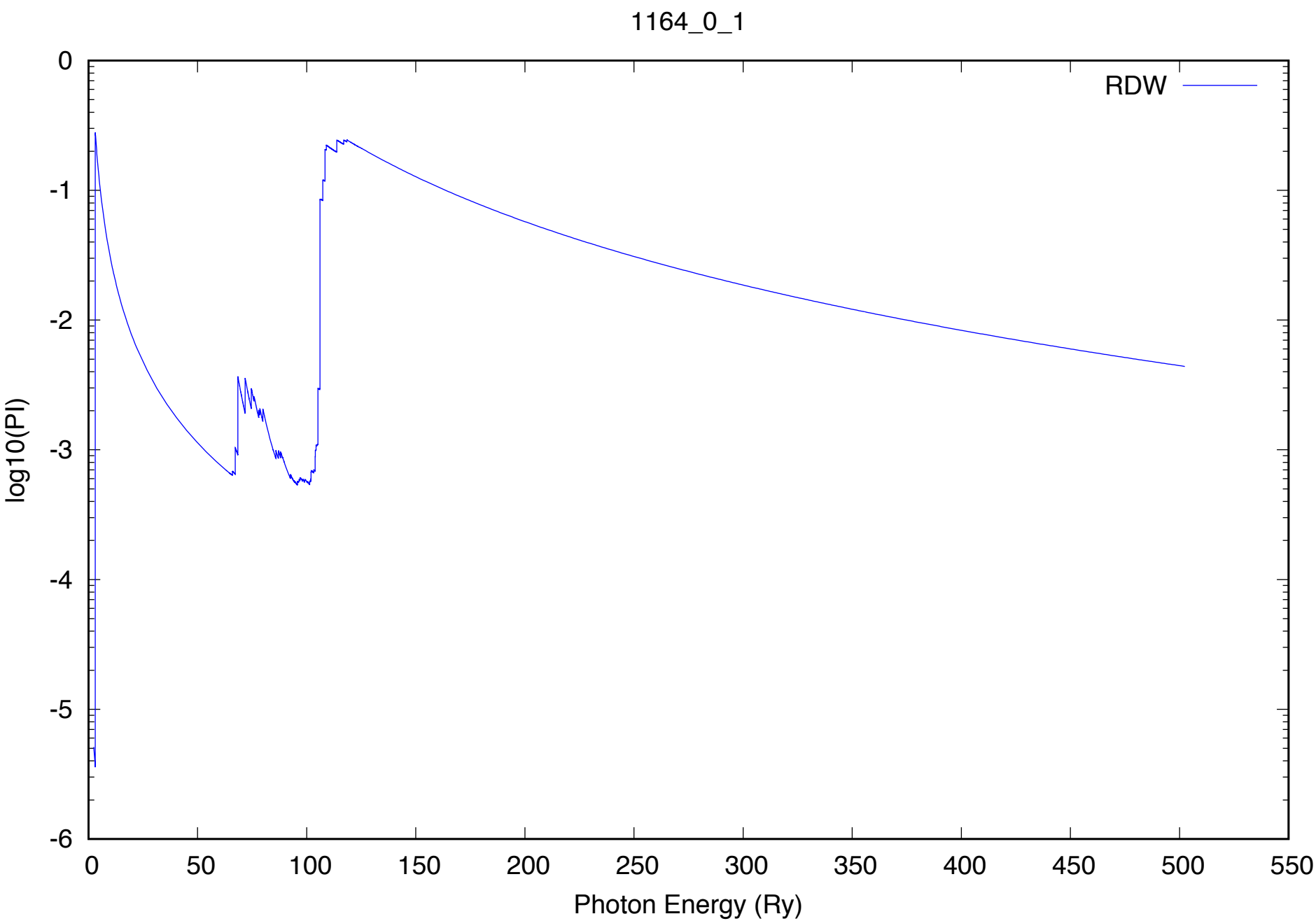
1164_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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100
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200
250
300
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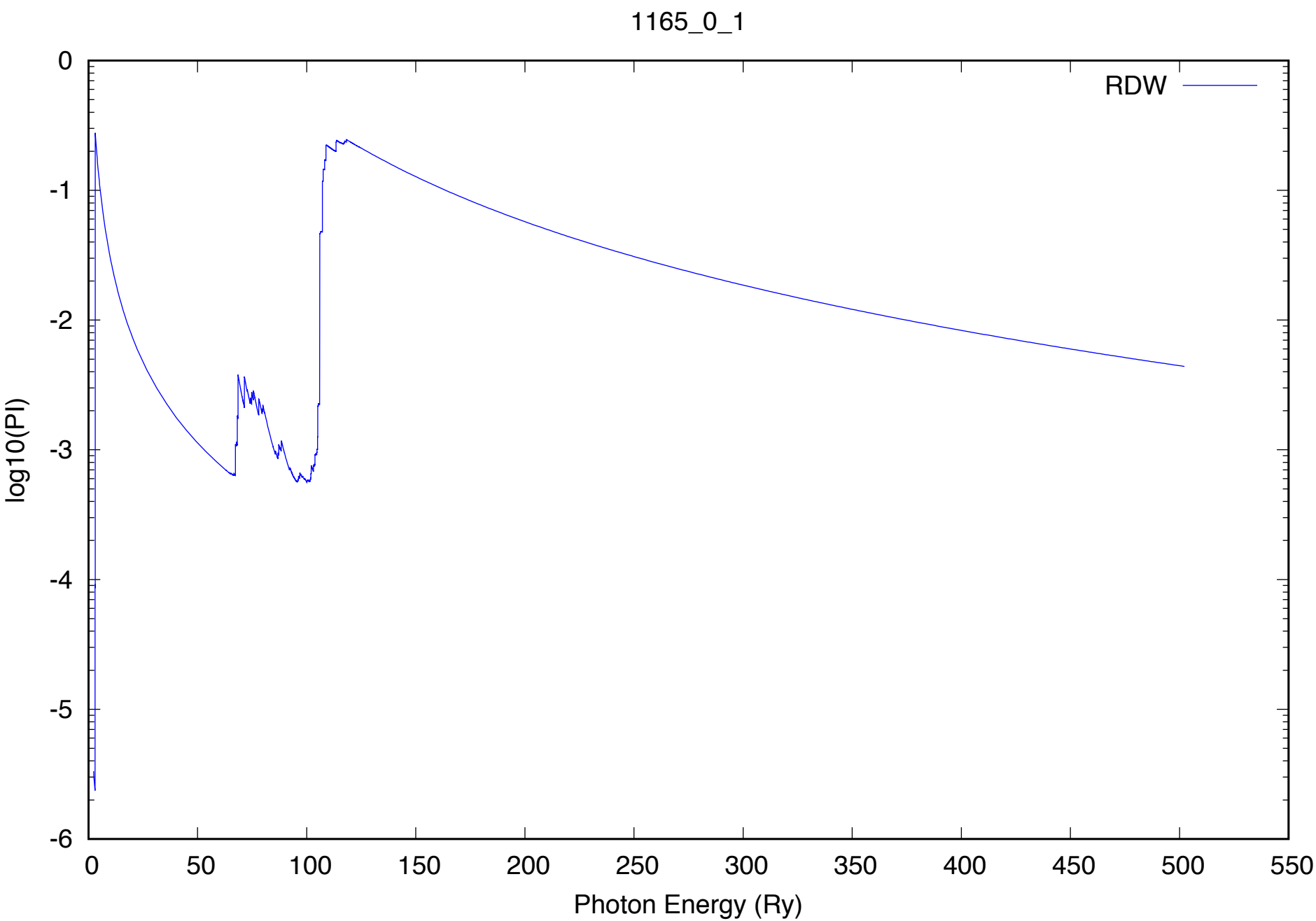
400
450
500
550


1165_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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100
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200
250
300
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400
450
500
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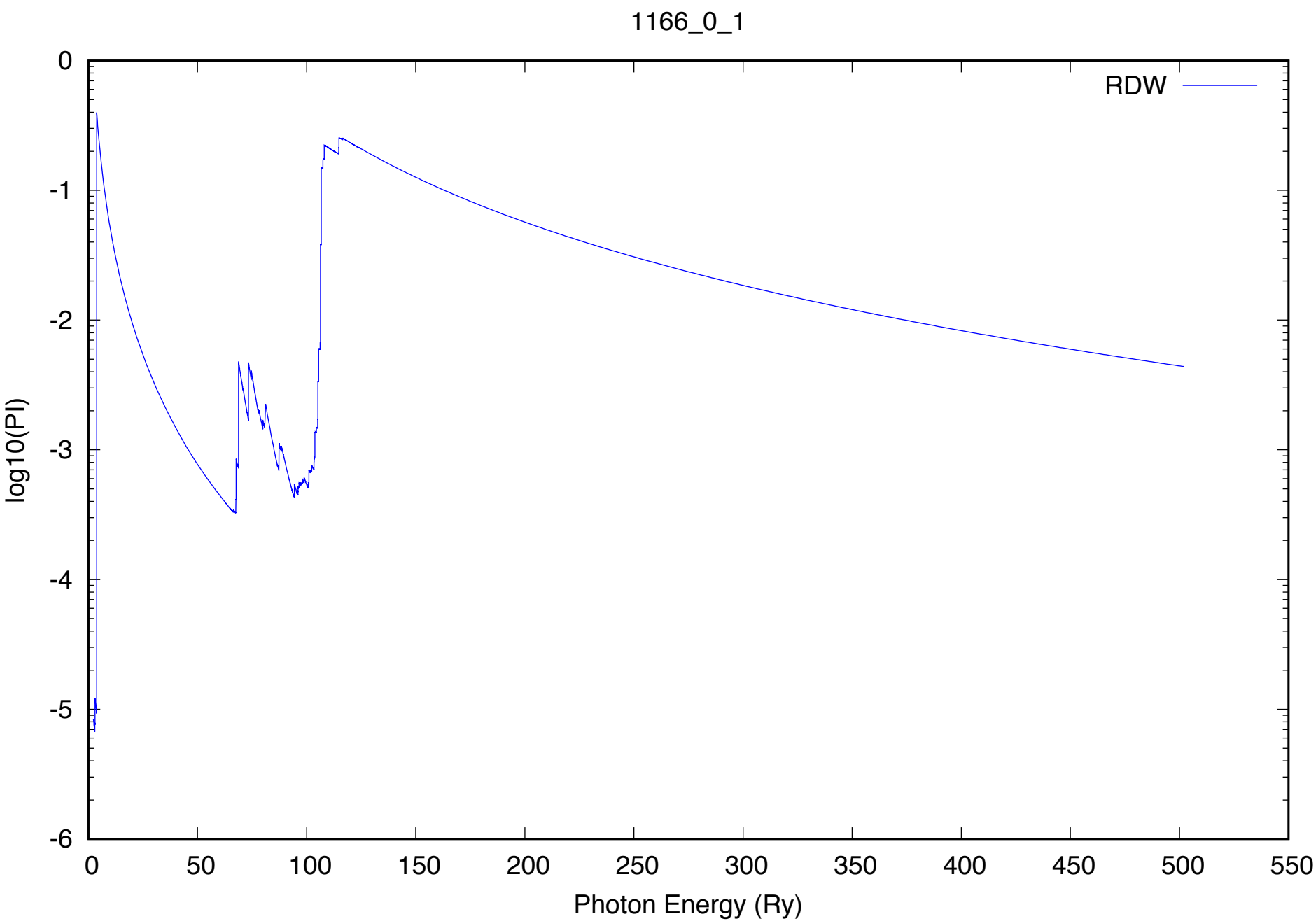
1166_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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100
150
200
250
300
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500
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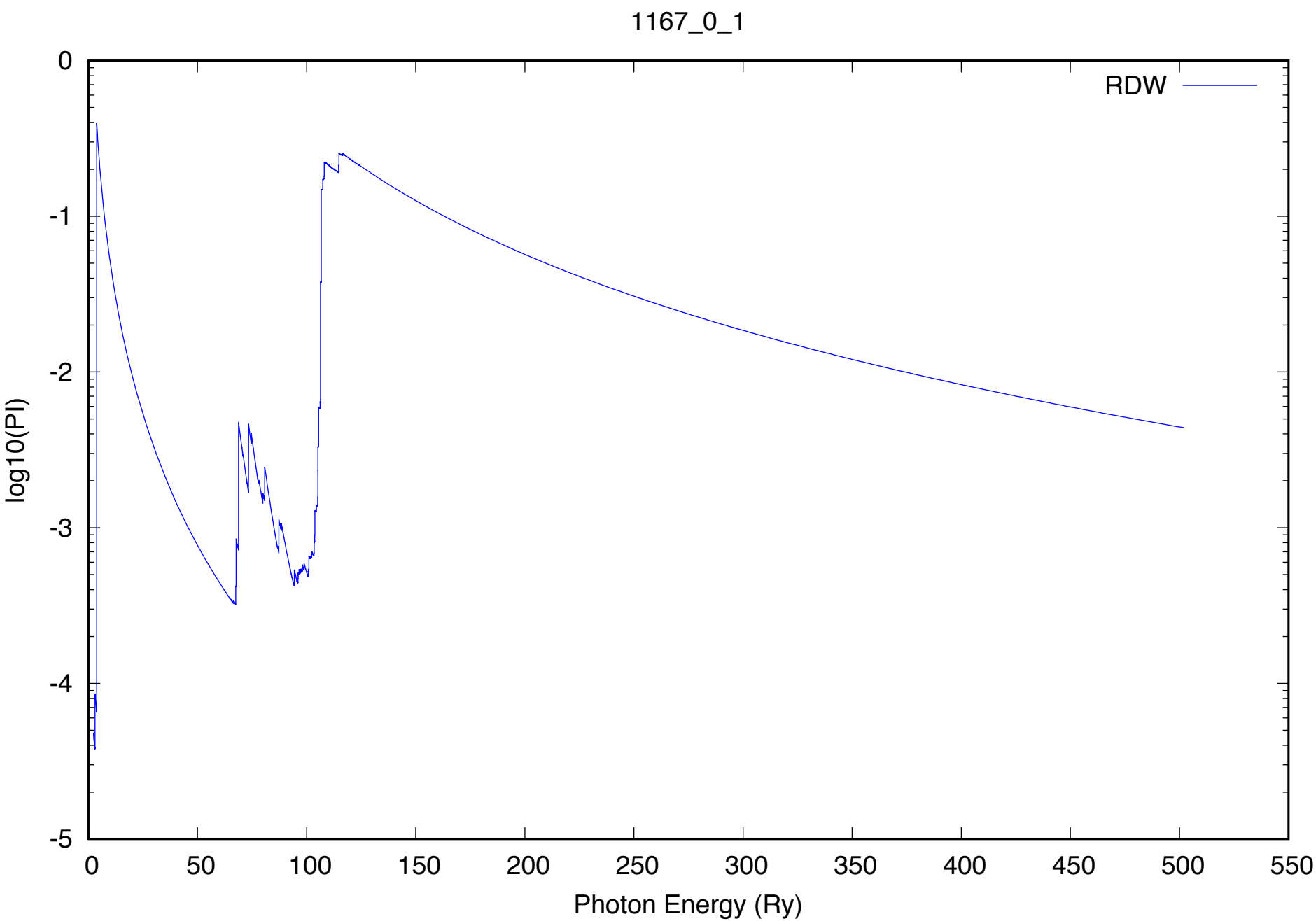
1167_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
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100
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200
250
300
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400
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500
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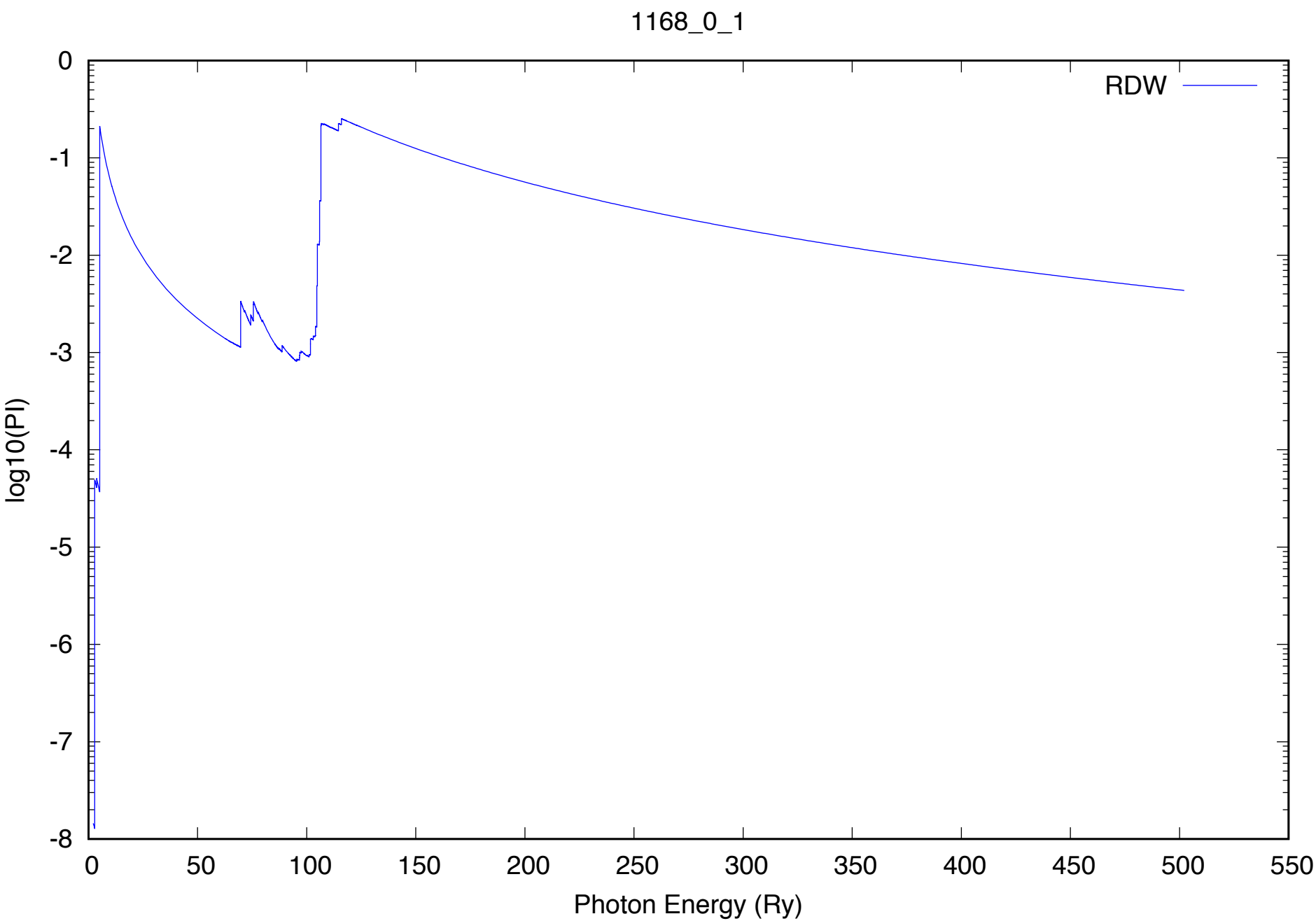
1168_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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100
150
200
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300
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400
450
500
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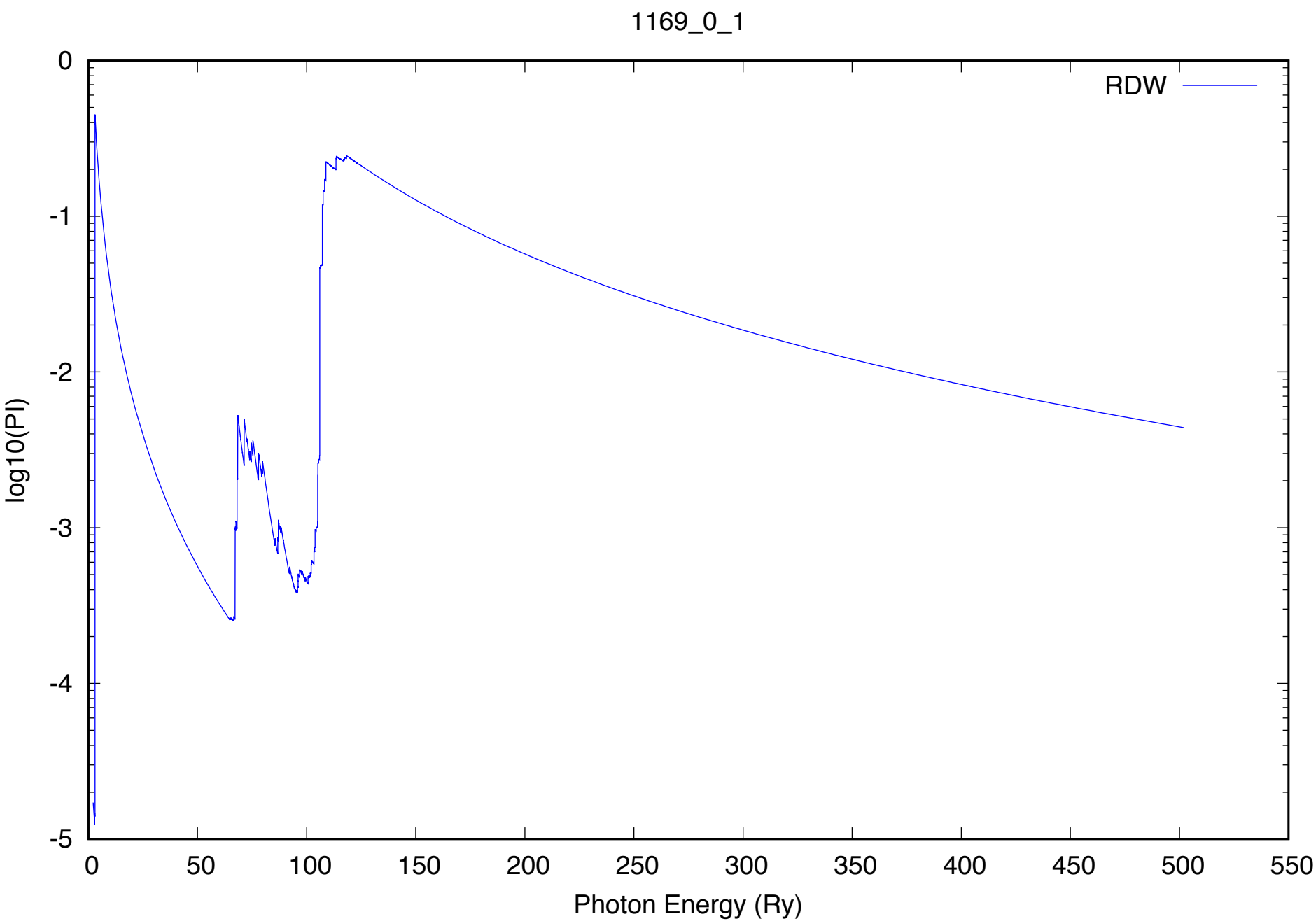
1169_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
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100
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200
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300
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400
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500
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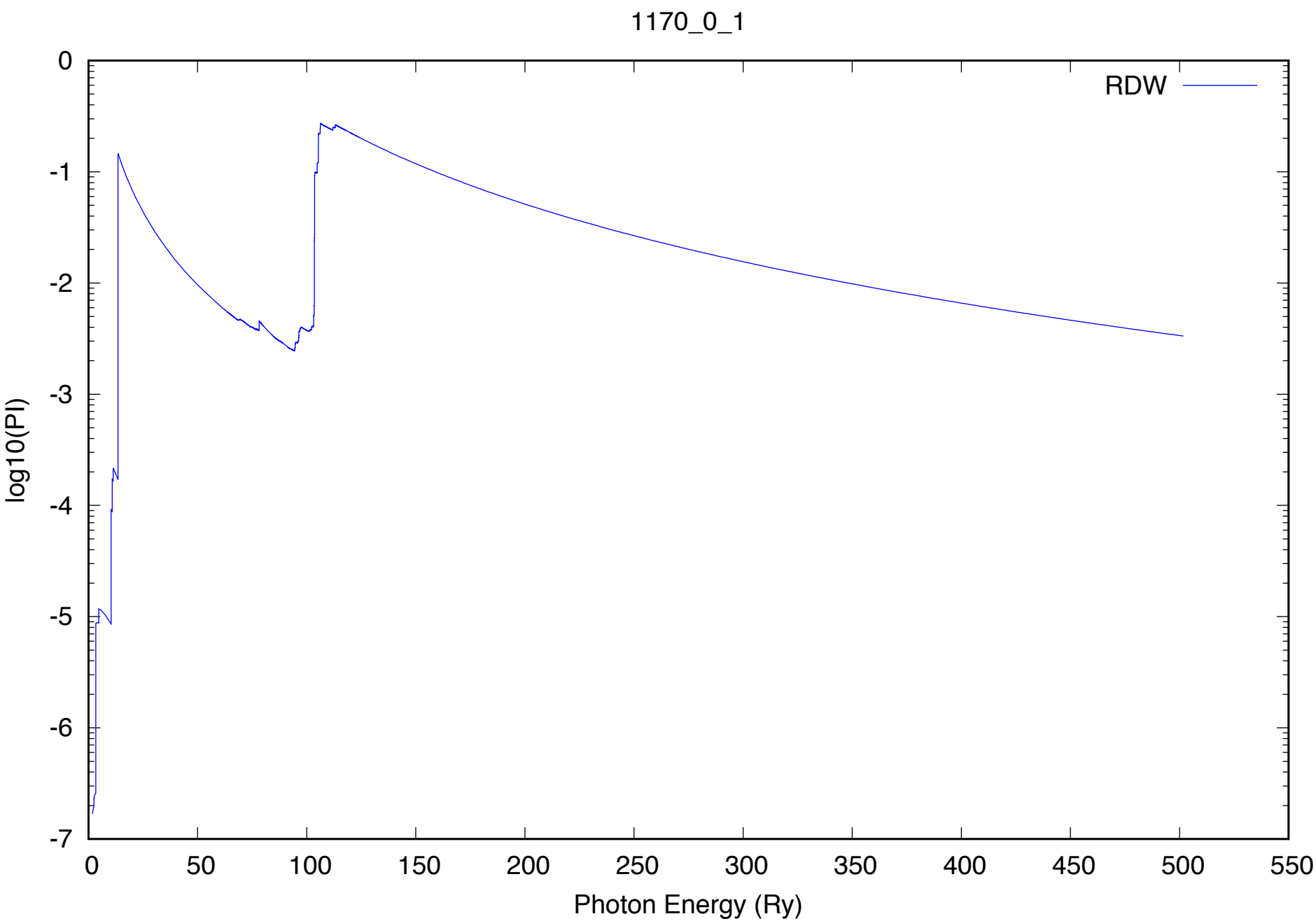
1170_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
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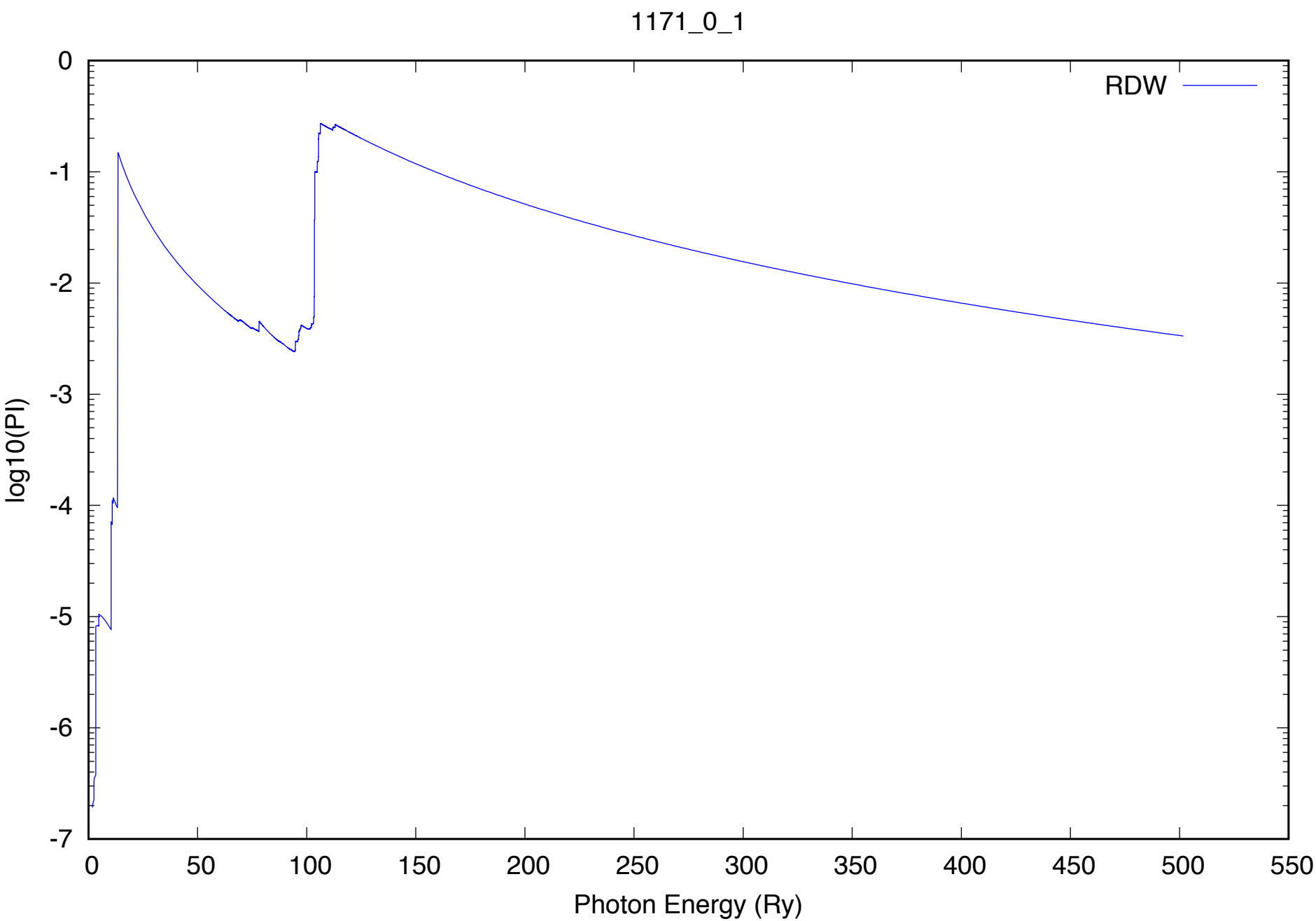
100
150
200
250
300
350
400
450
500
550


1171_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
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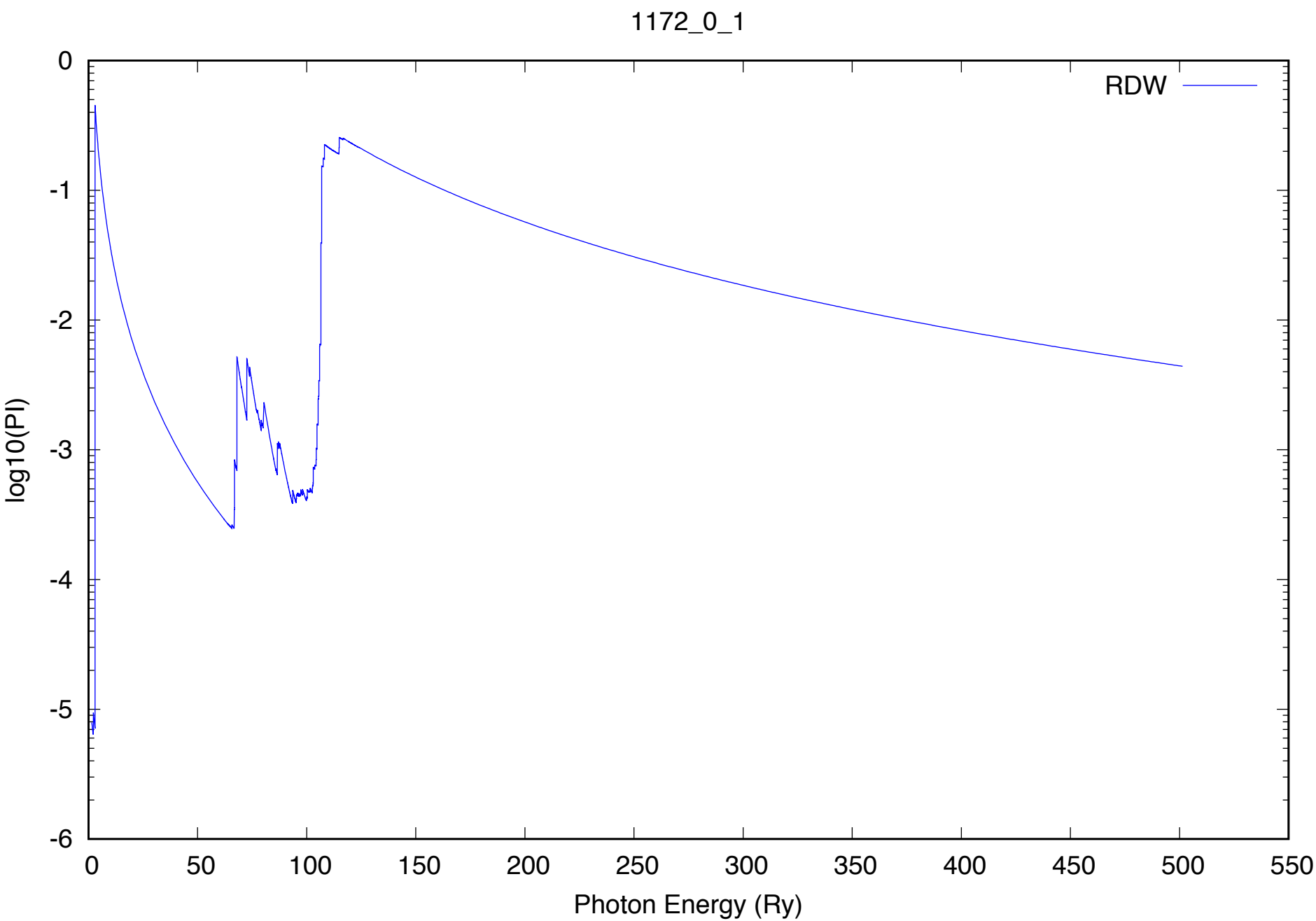
100
150
200
250
300
350
400
450
500
550


1172_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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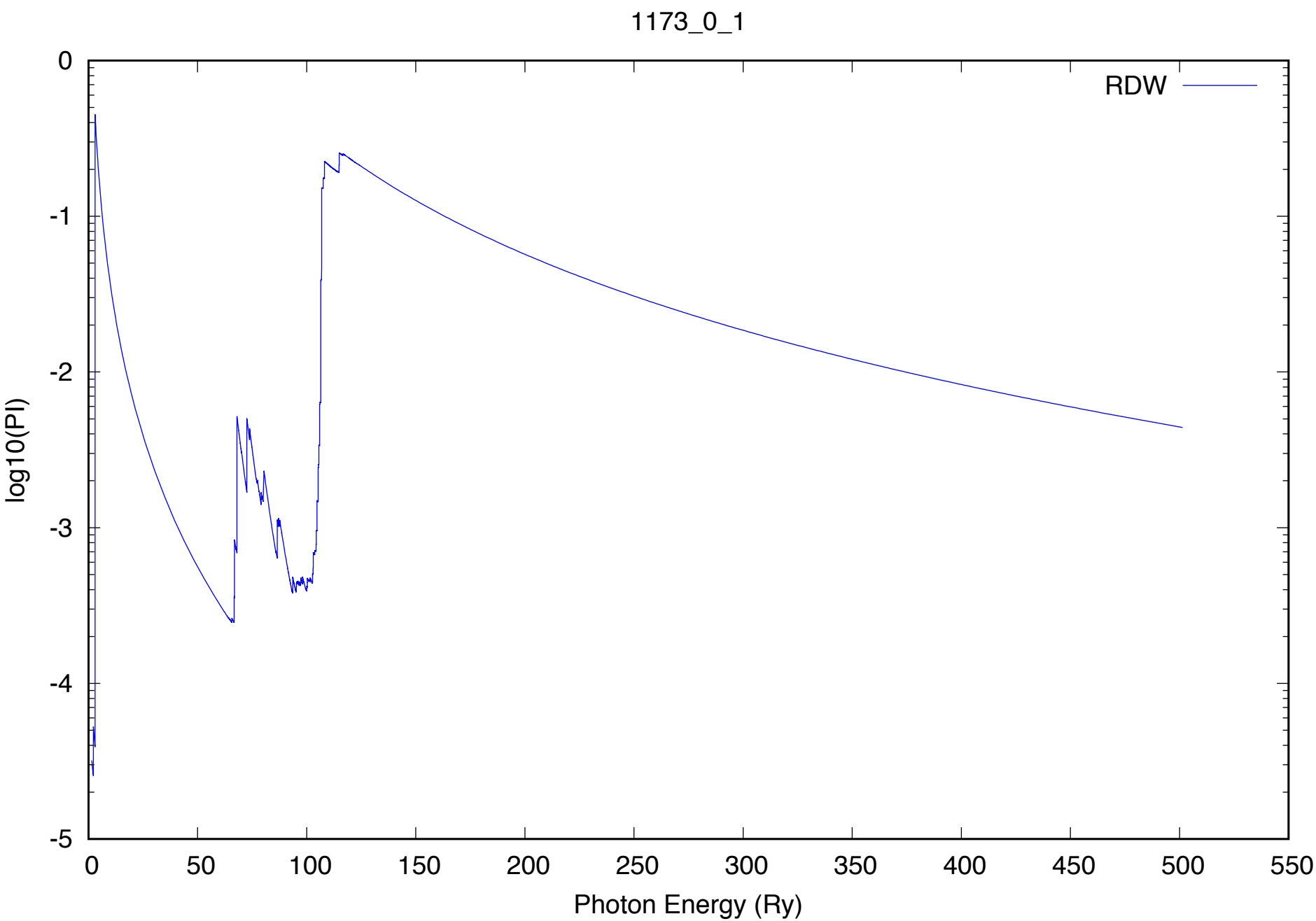
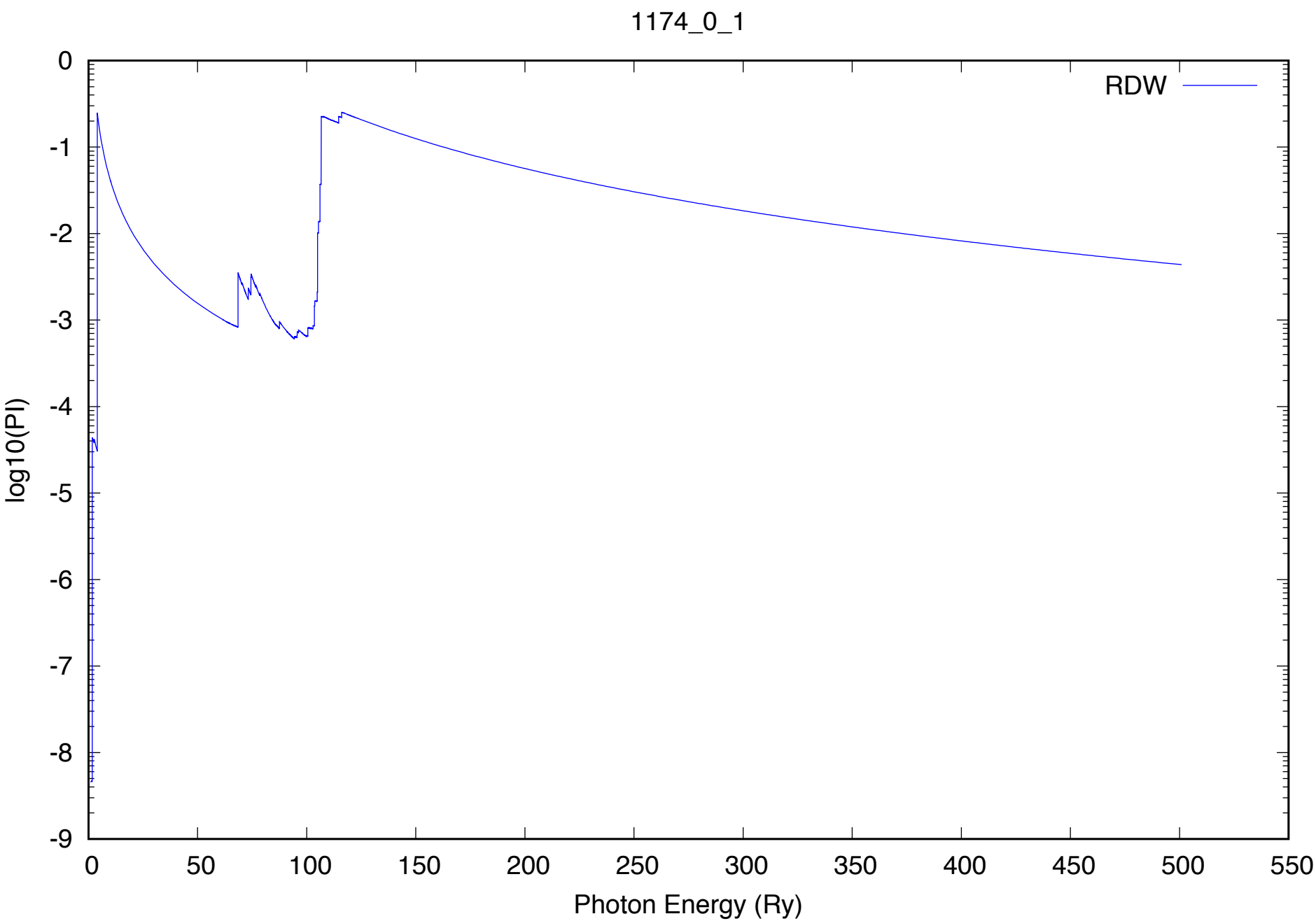
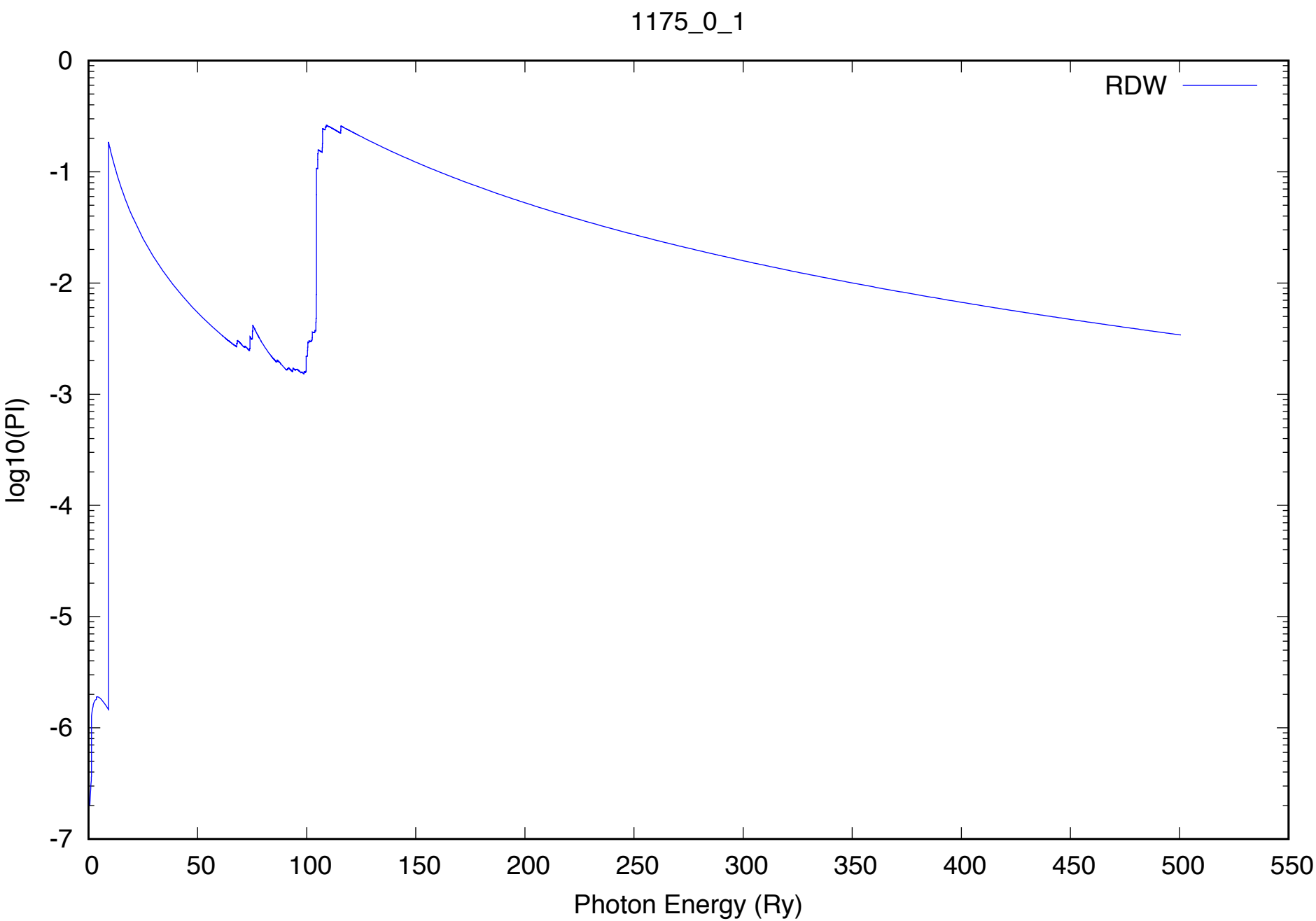
100
150
200
250
300
350
400
450
500
550


1173_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500
550


1174_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1175_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
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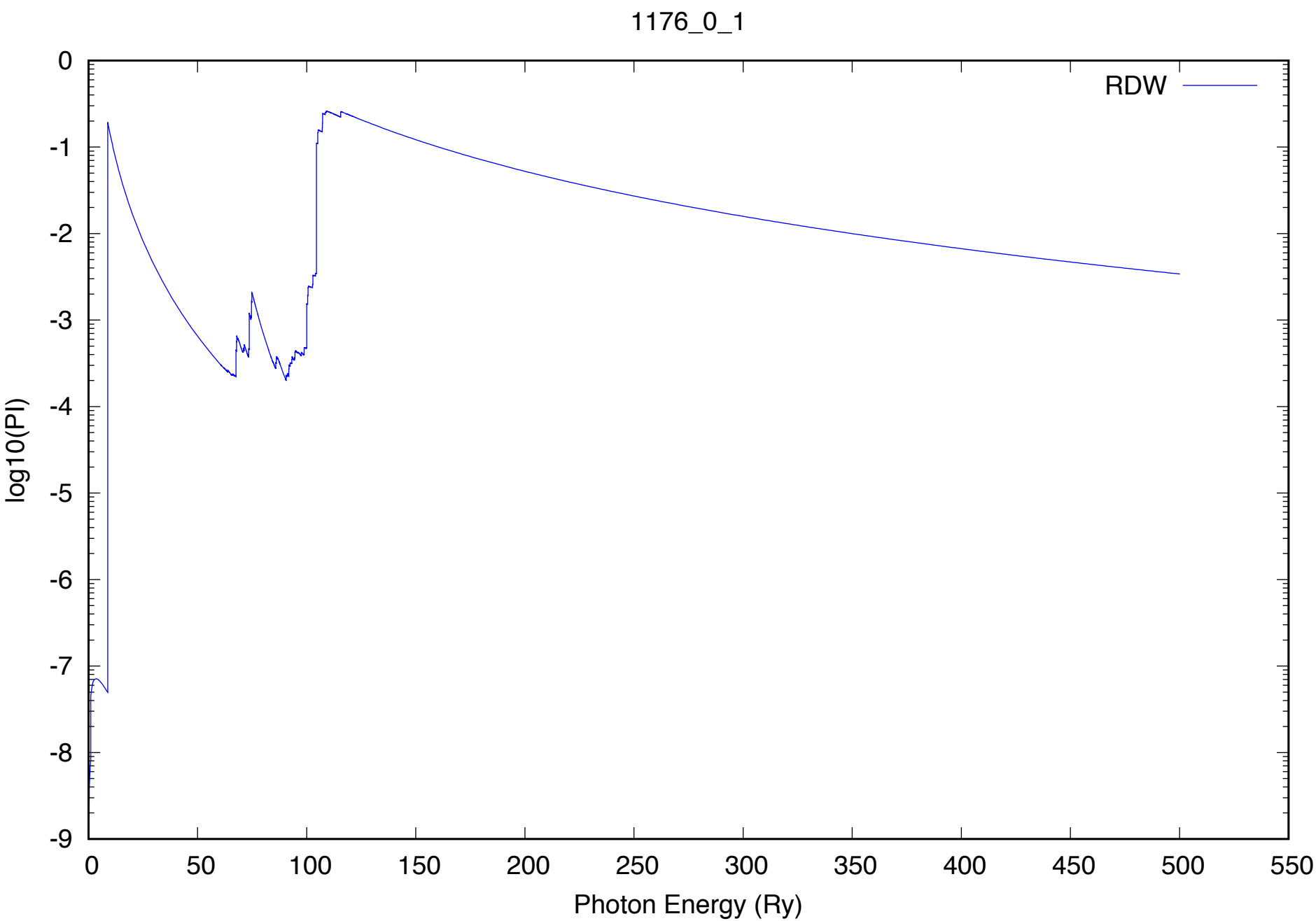
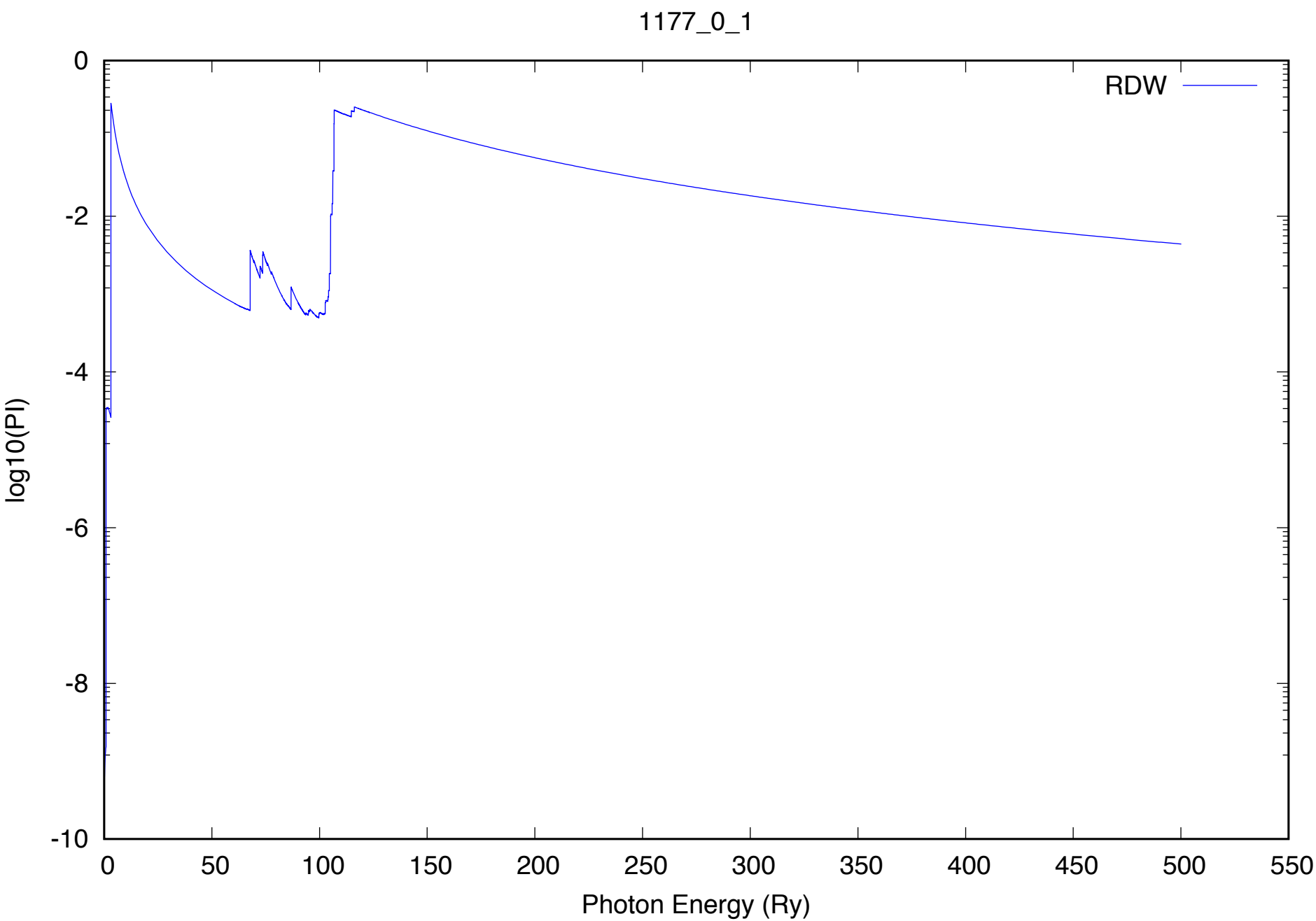
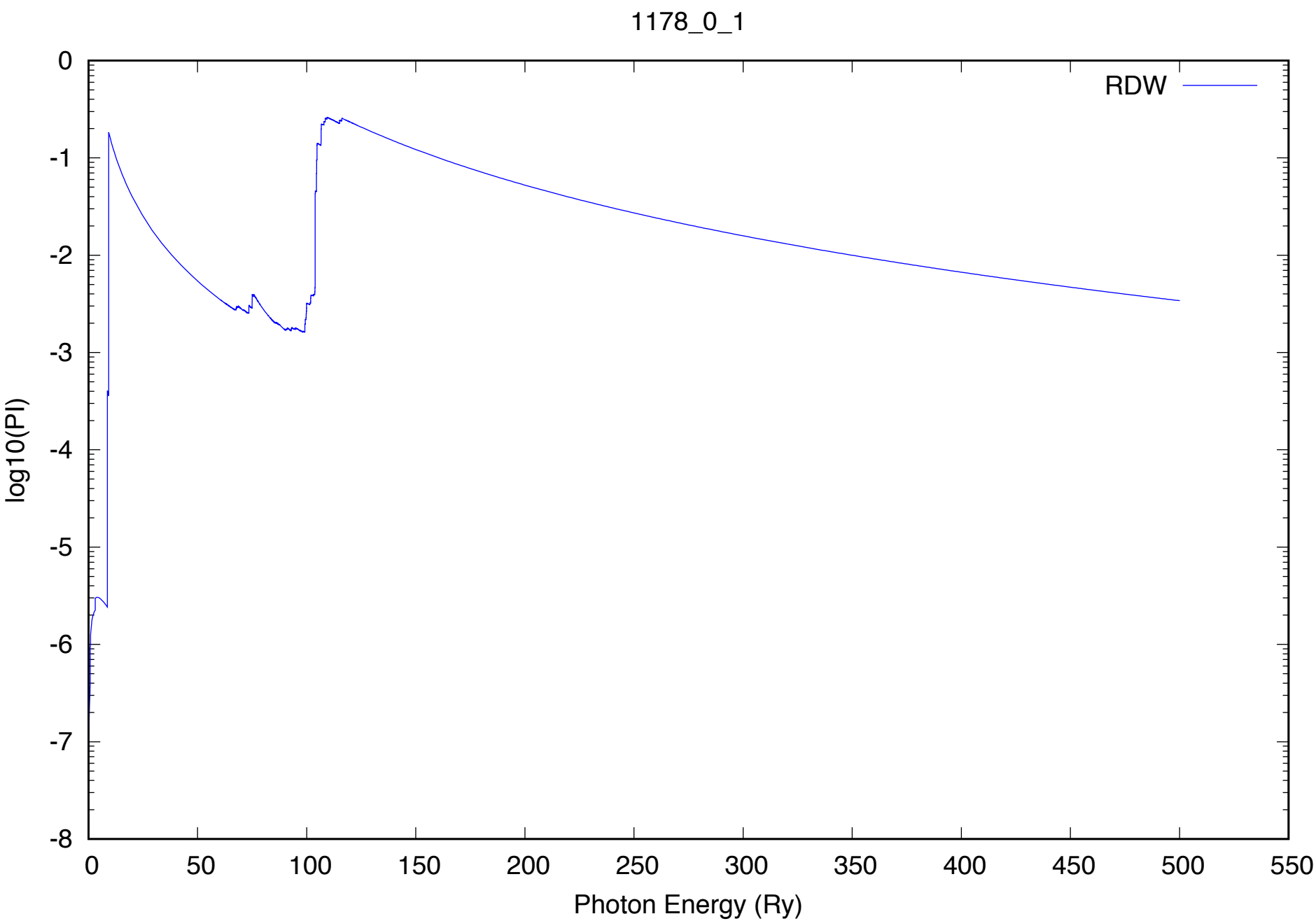
100
150
200
250
300
350
400
450
500
550


1176_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1177_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1178_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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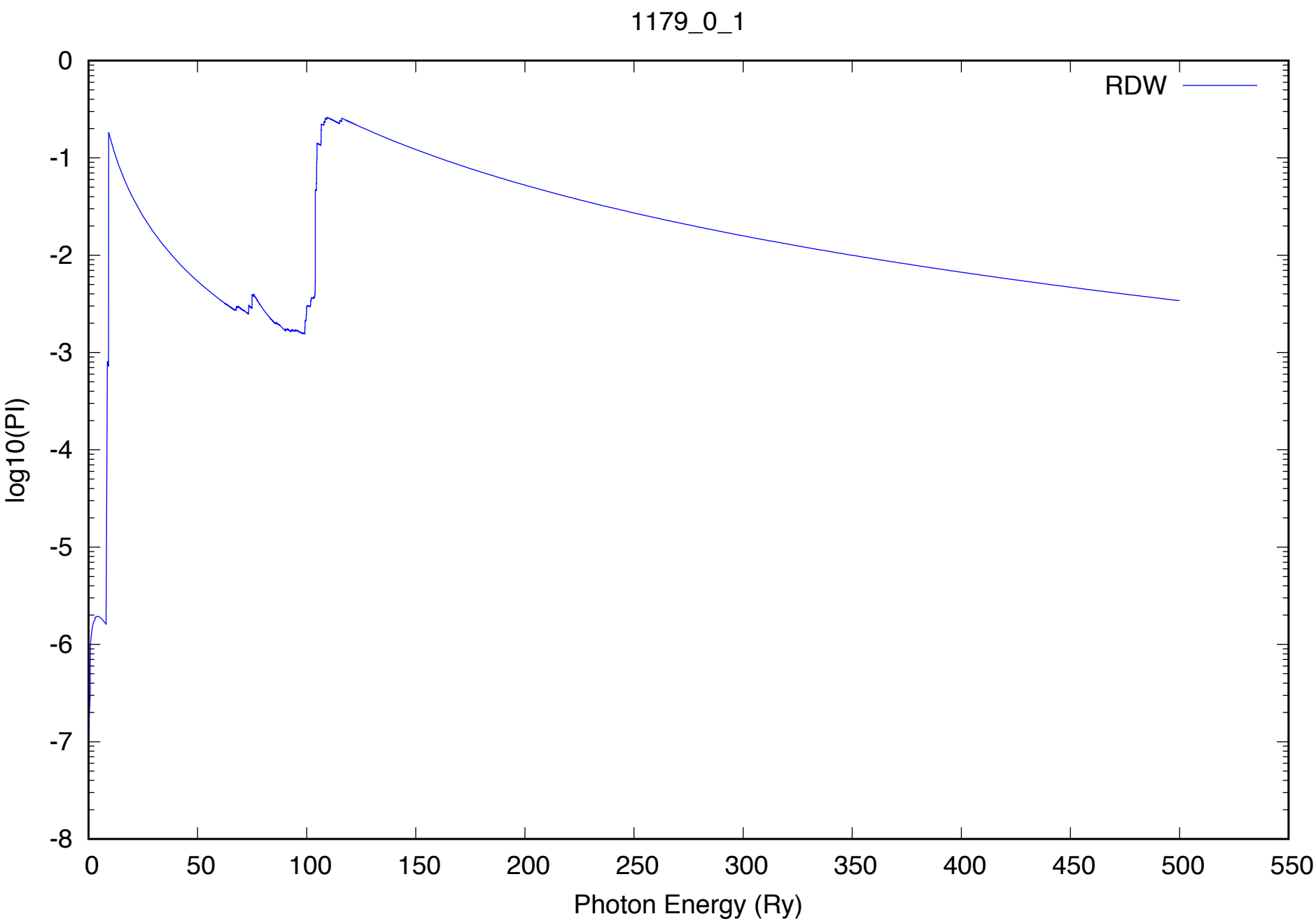
100
150
200
250
300
350
400
450
500
550


1179_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-6
-7
-8
0
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100
150
200
250
300
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400
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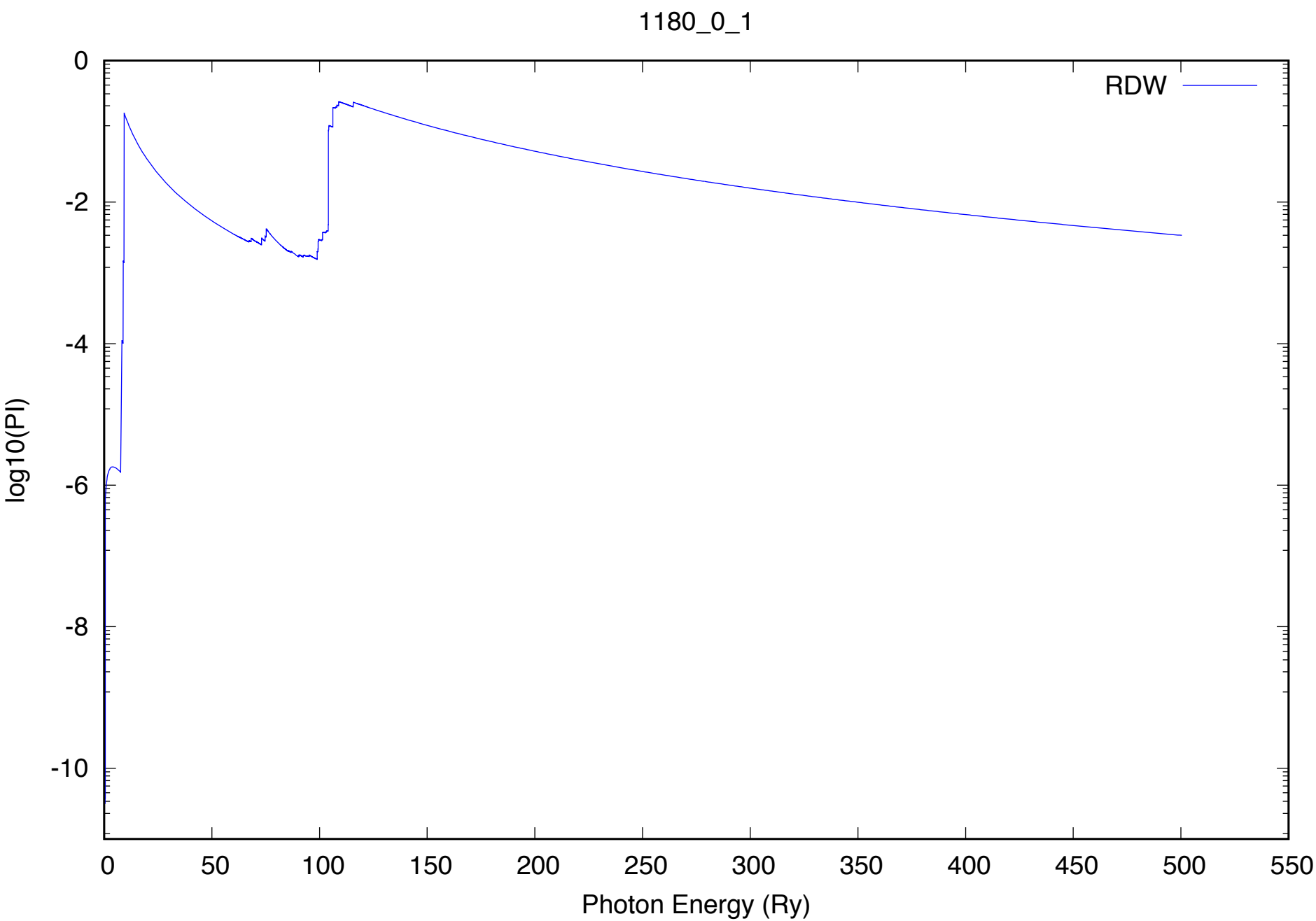
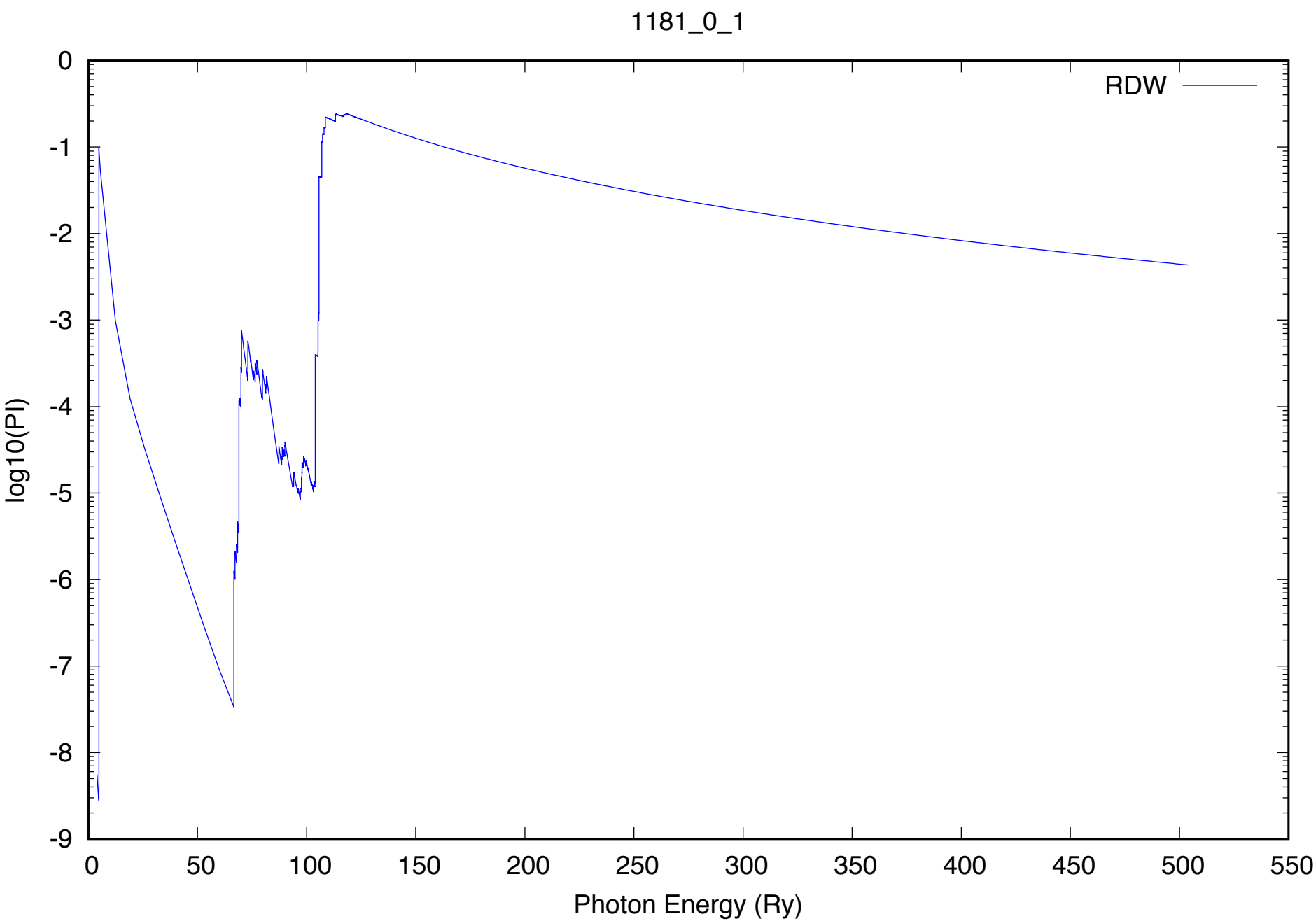
500
550


1180_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1181_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
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-7
-8
-9
0
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100
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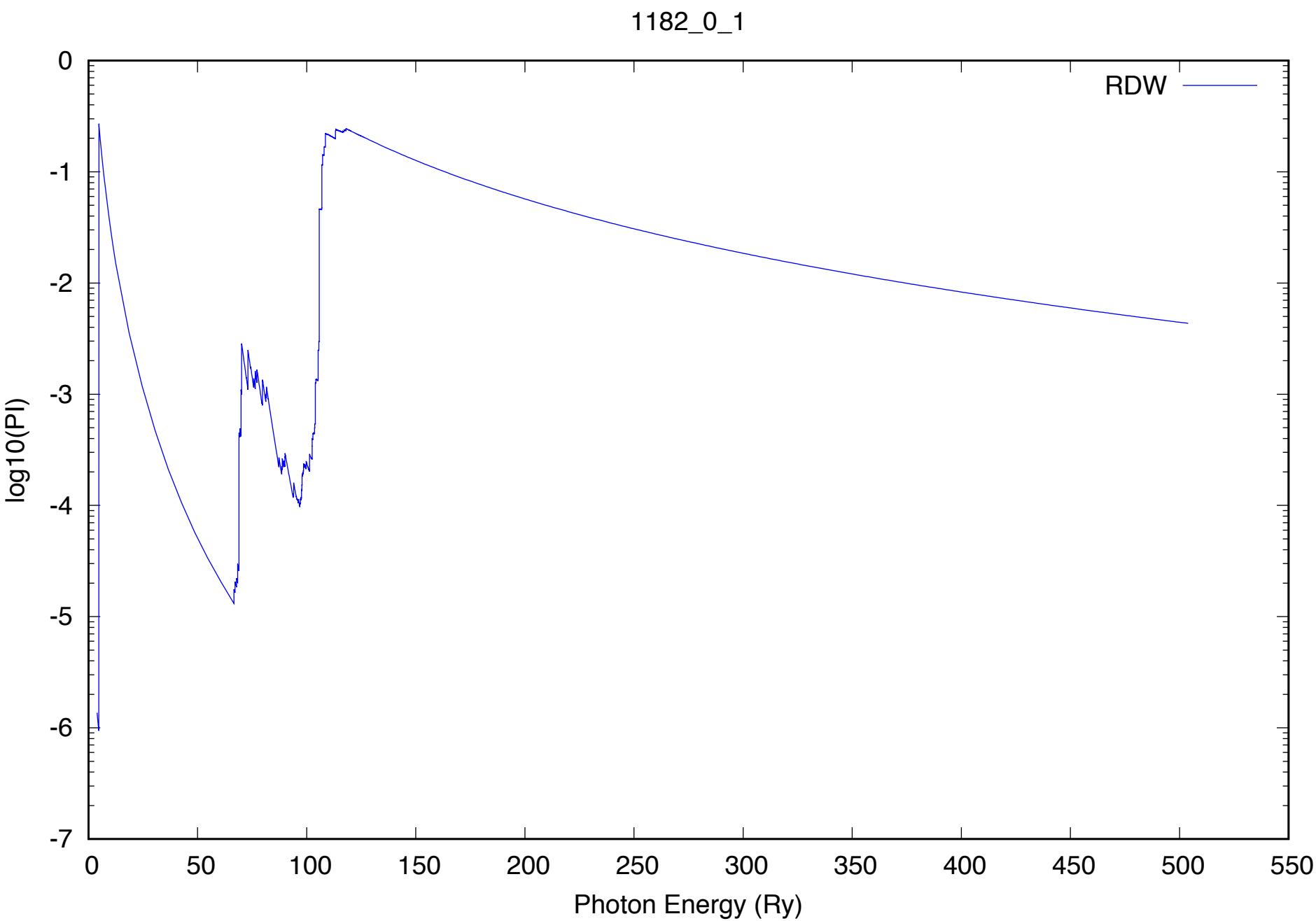
200
250
300
350
400
450
500
550


1182_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
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-3
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-5
-6
-7
0
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100
150
200
250
300
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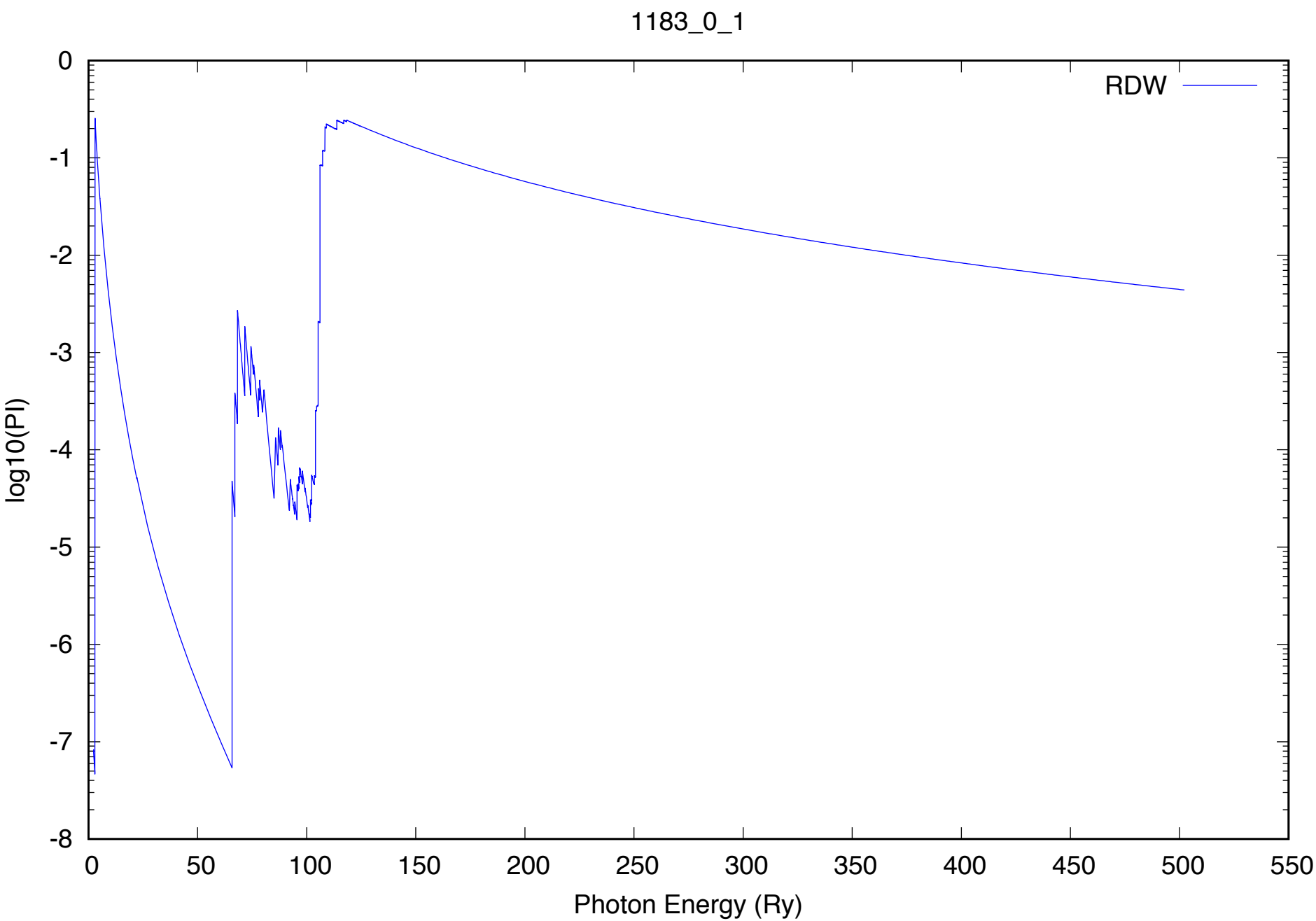
400
450
500
550


1183_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-6
-7
-8
0
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100
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200
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300
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400
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500
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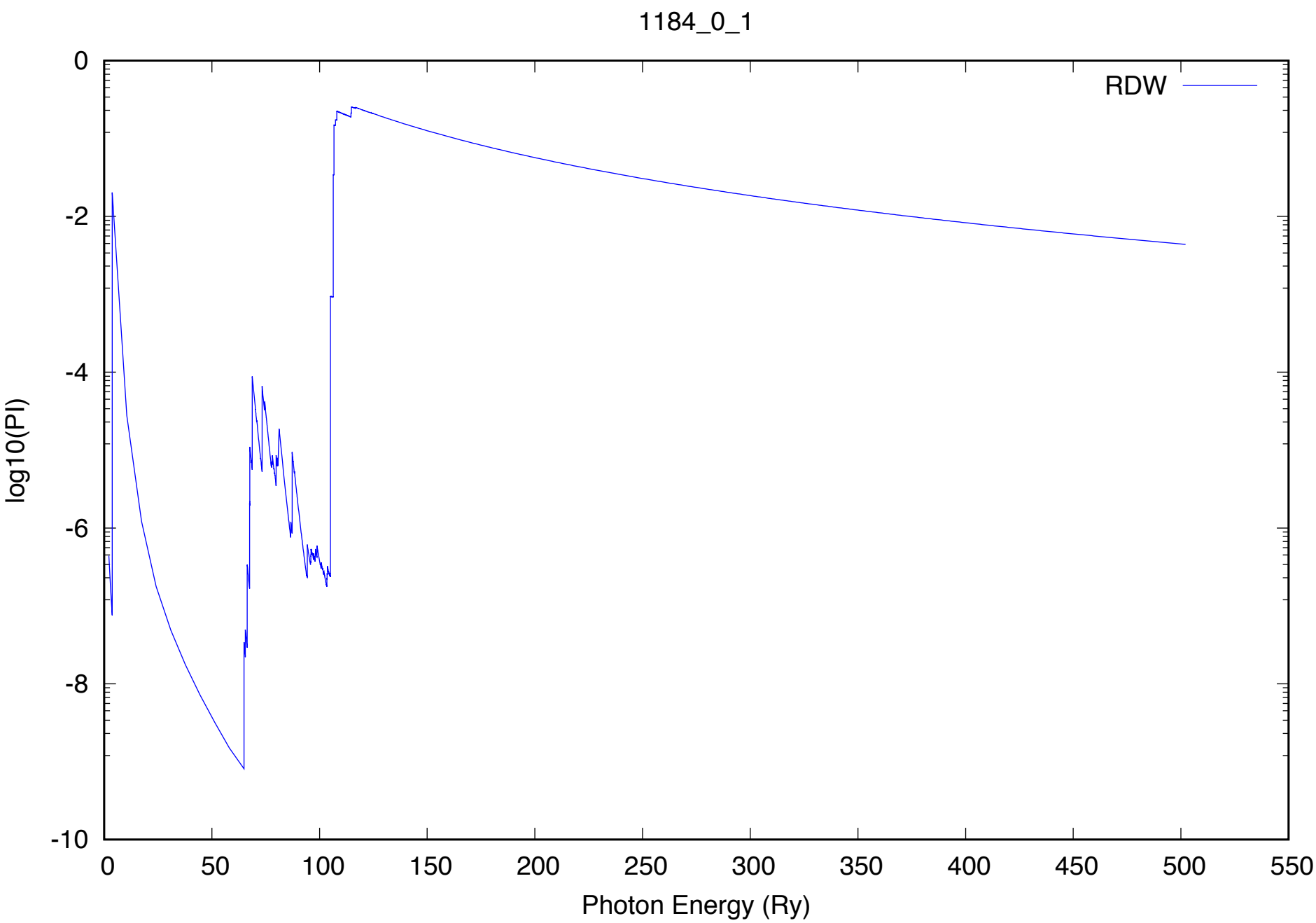
1184_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
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-6
-8
-10
0
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100
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300
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400
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500
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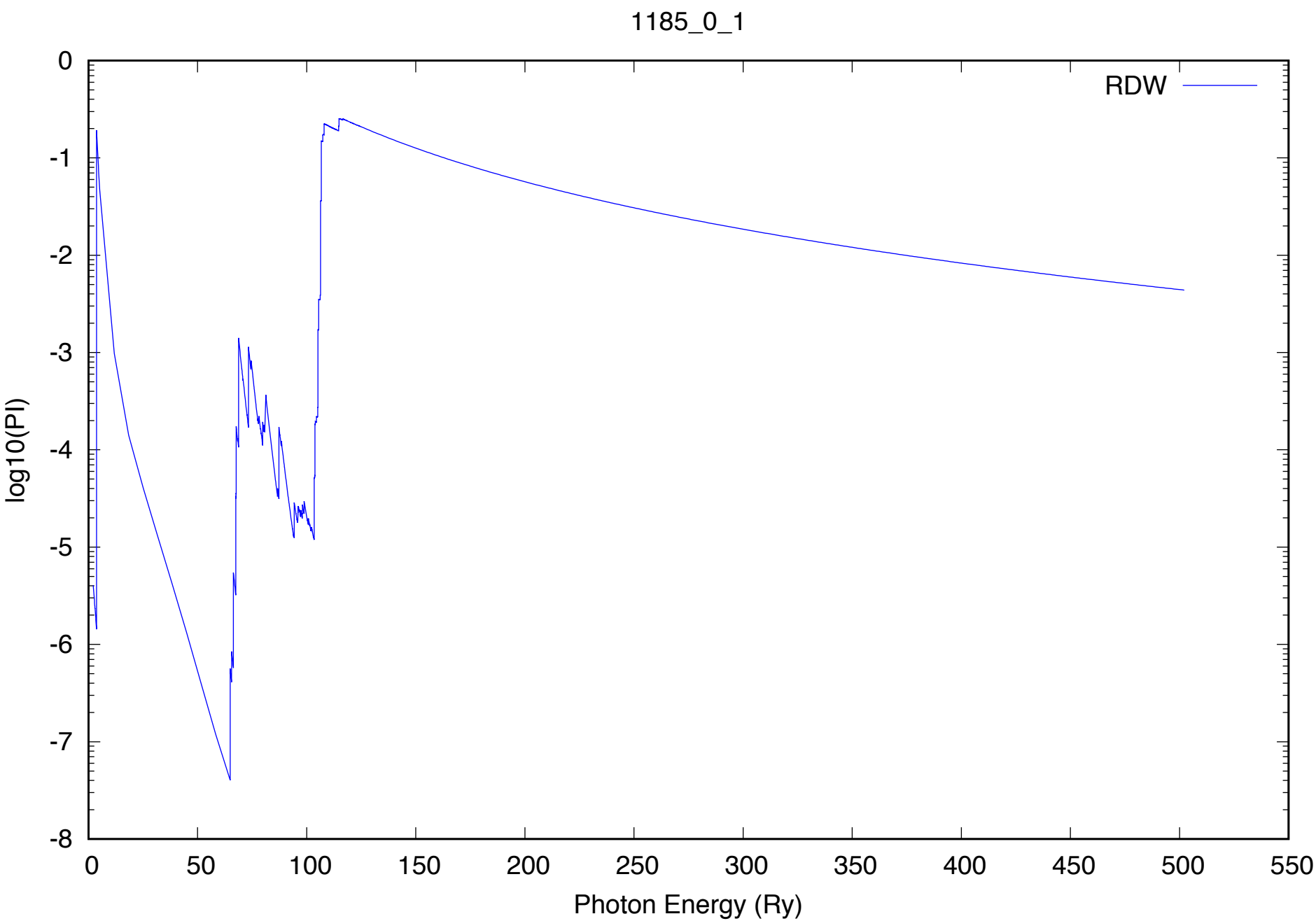
1185_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-6
-7
-8
0
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100
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200
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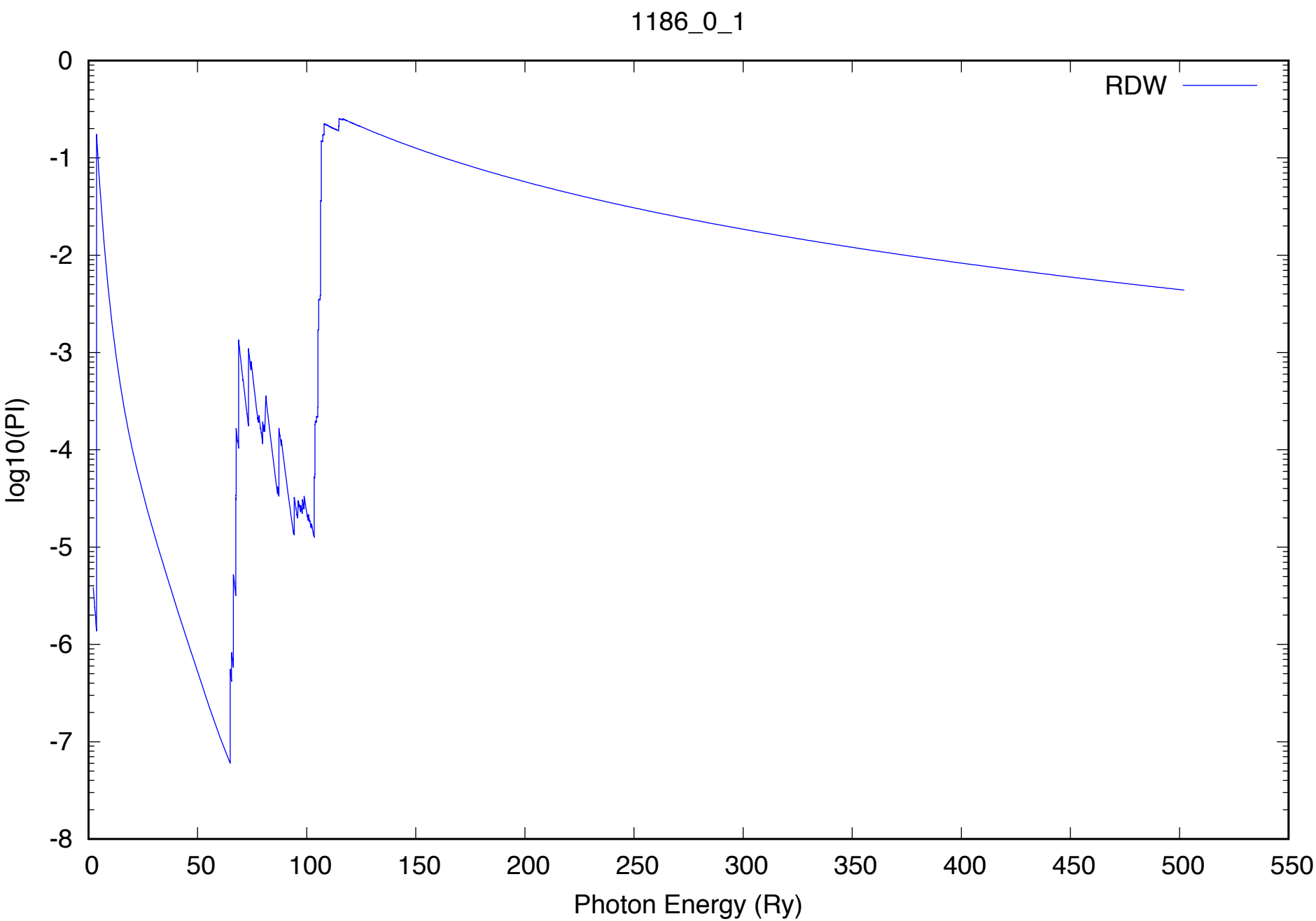
1186_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
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-6
-7
-8
0
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100
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200
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400
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500
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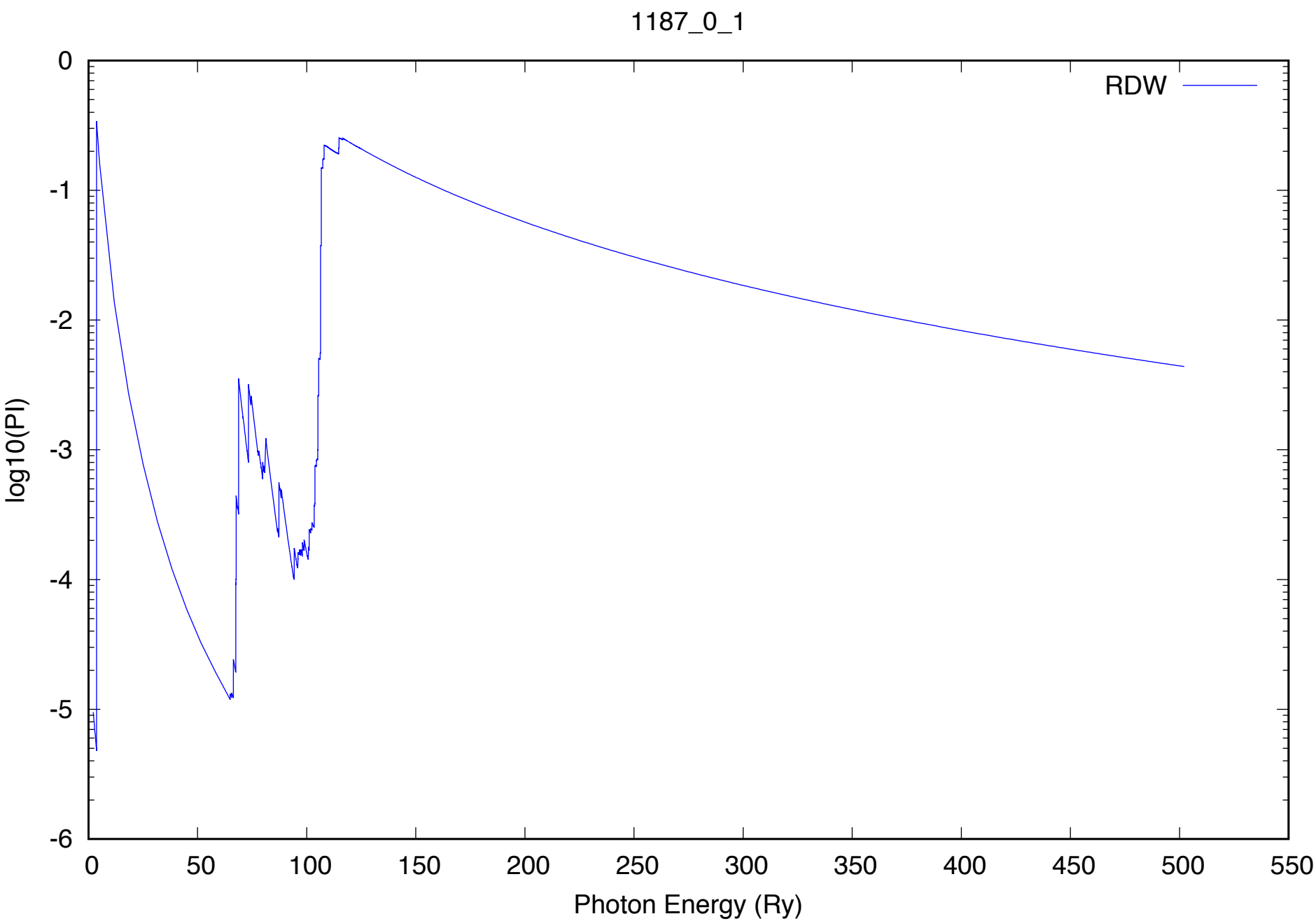
1187_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
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-5
-6
0
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100
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200
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300
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500
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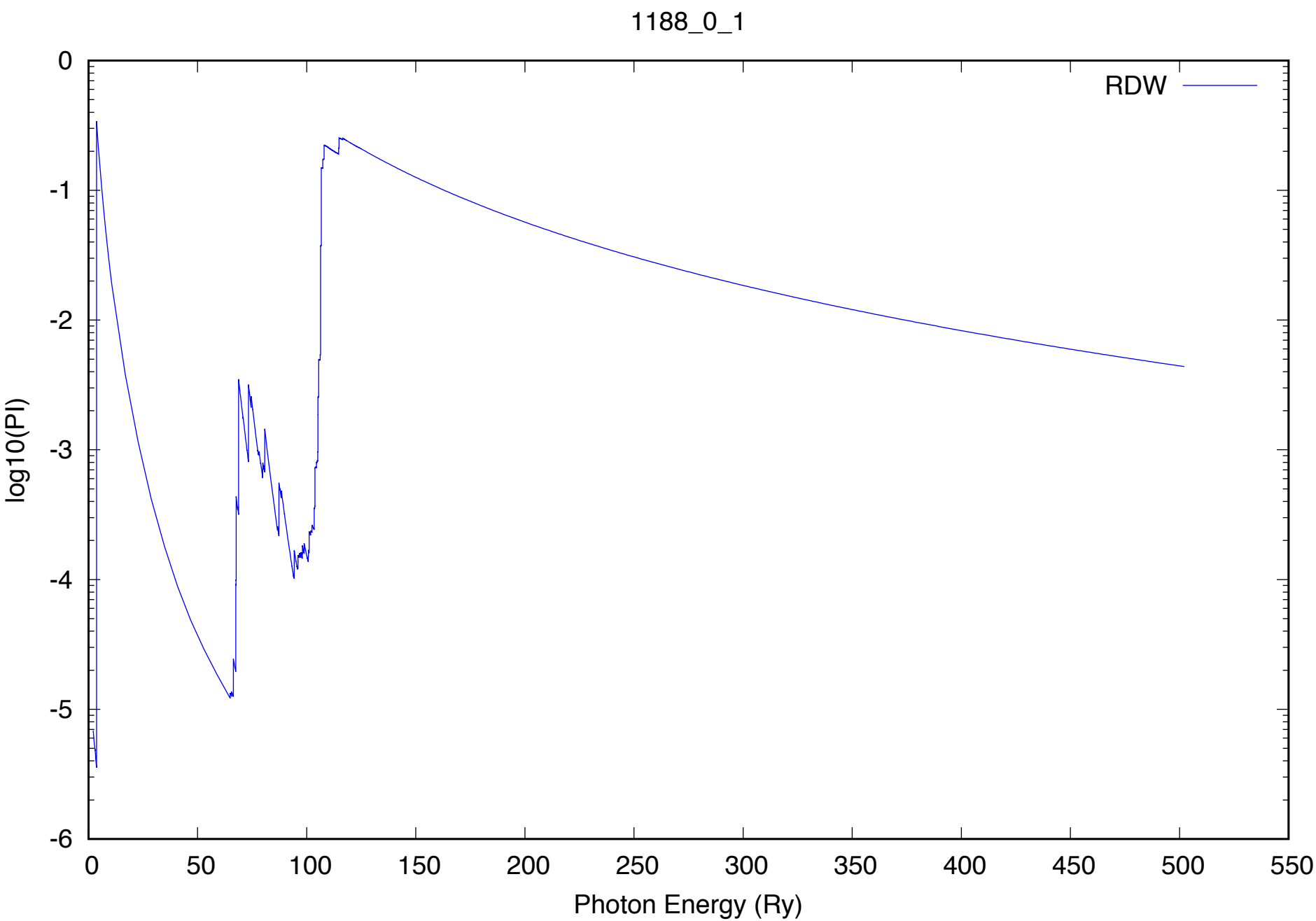
1188_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-5
-6
0
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200
250
300
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400
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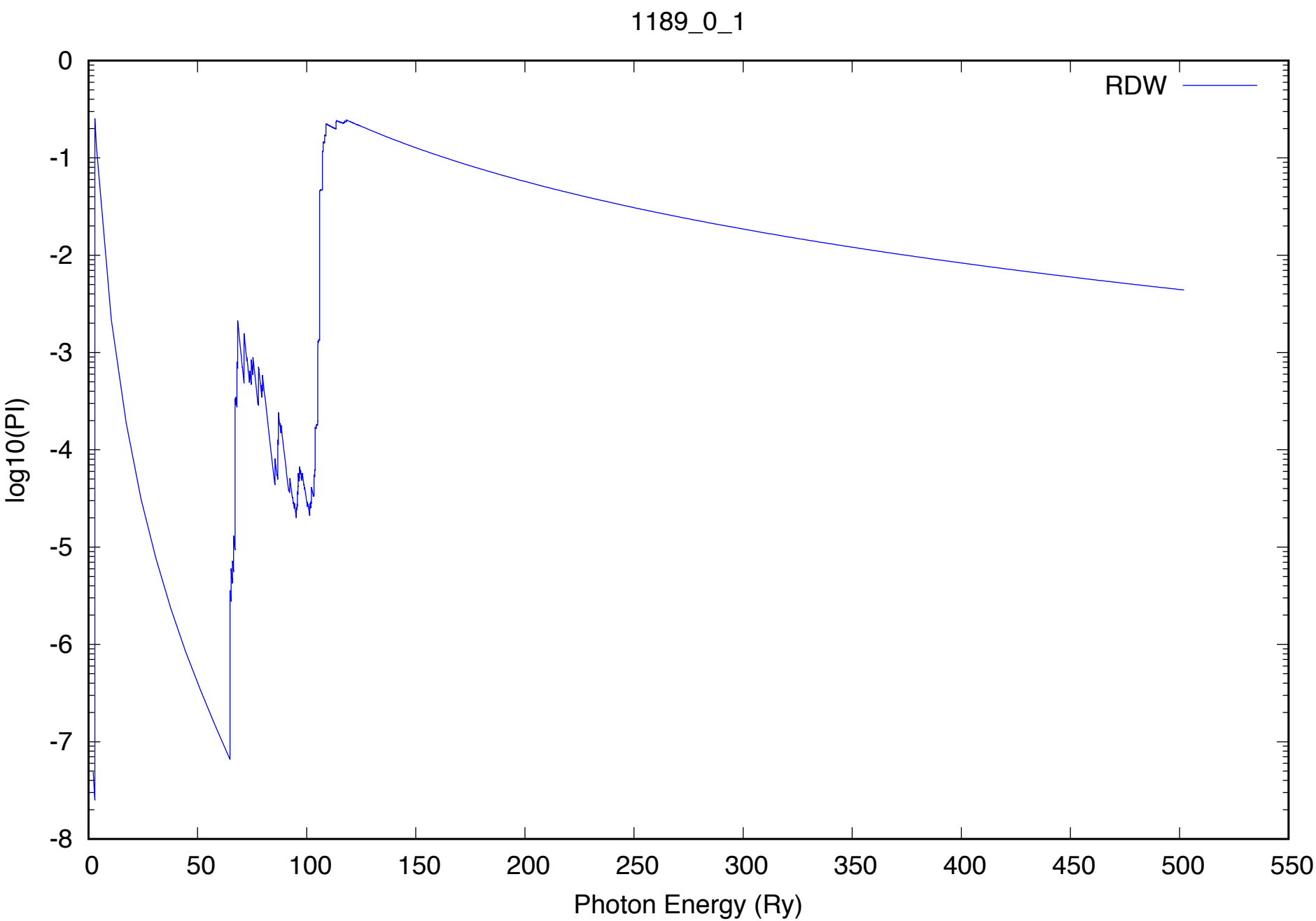
500
550


1189_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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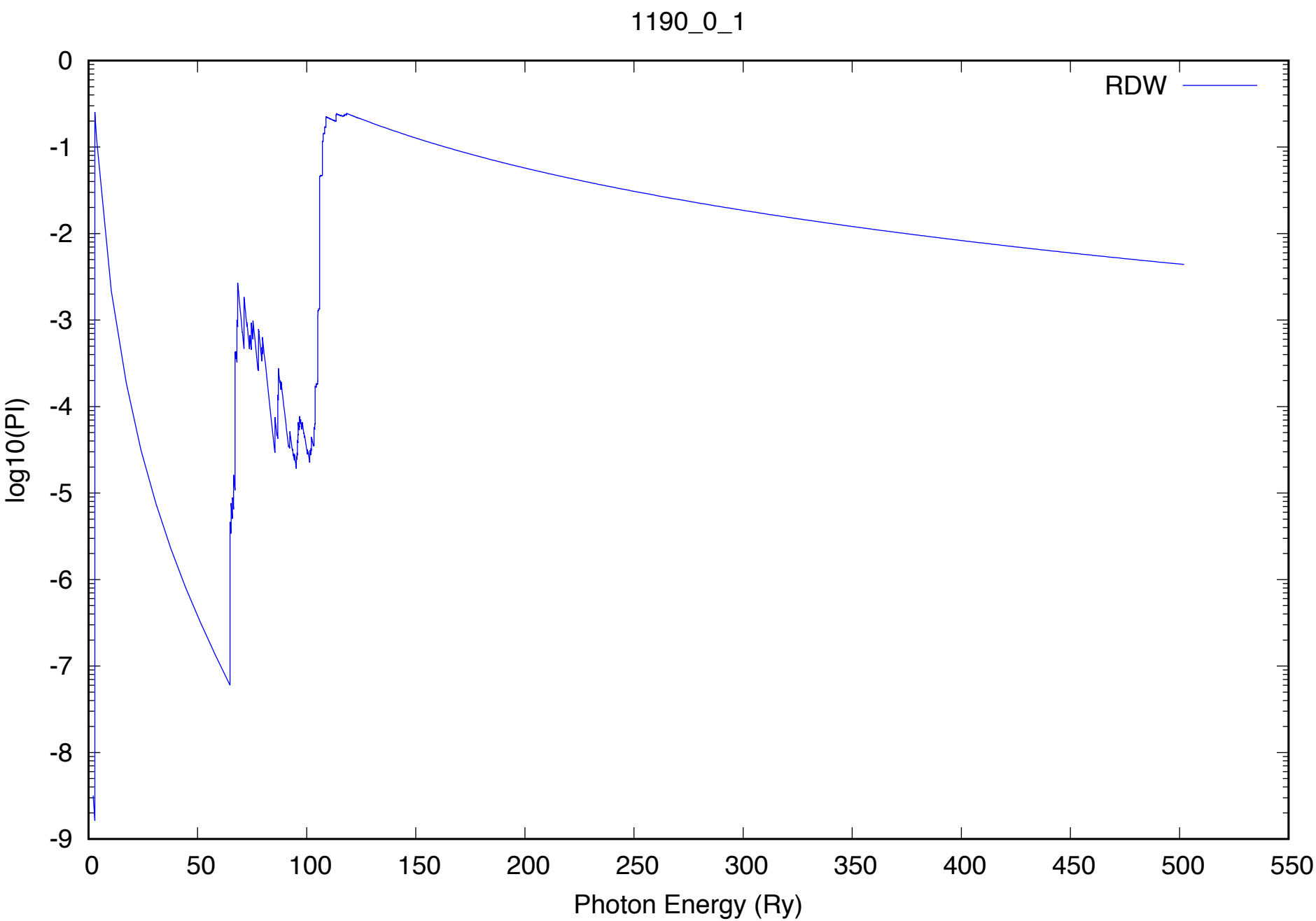
100
150
200
250
300
350
400
450
500
550


1190_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
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-7
-8
-9
0
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100
150
200
250
300
350
400
450
500
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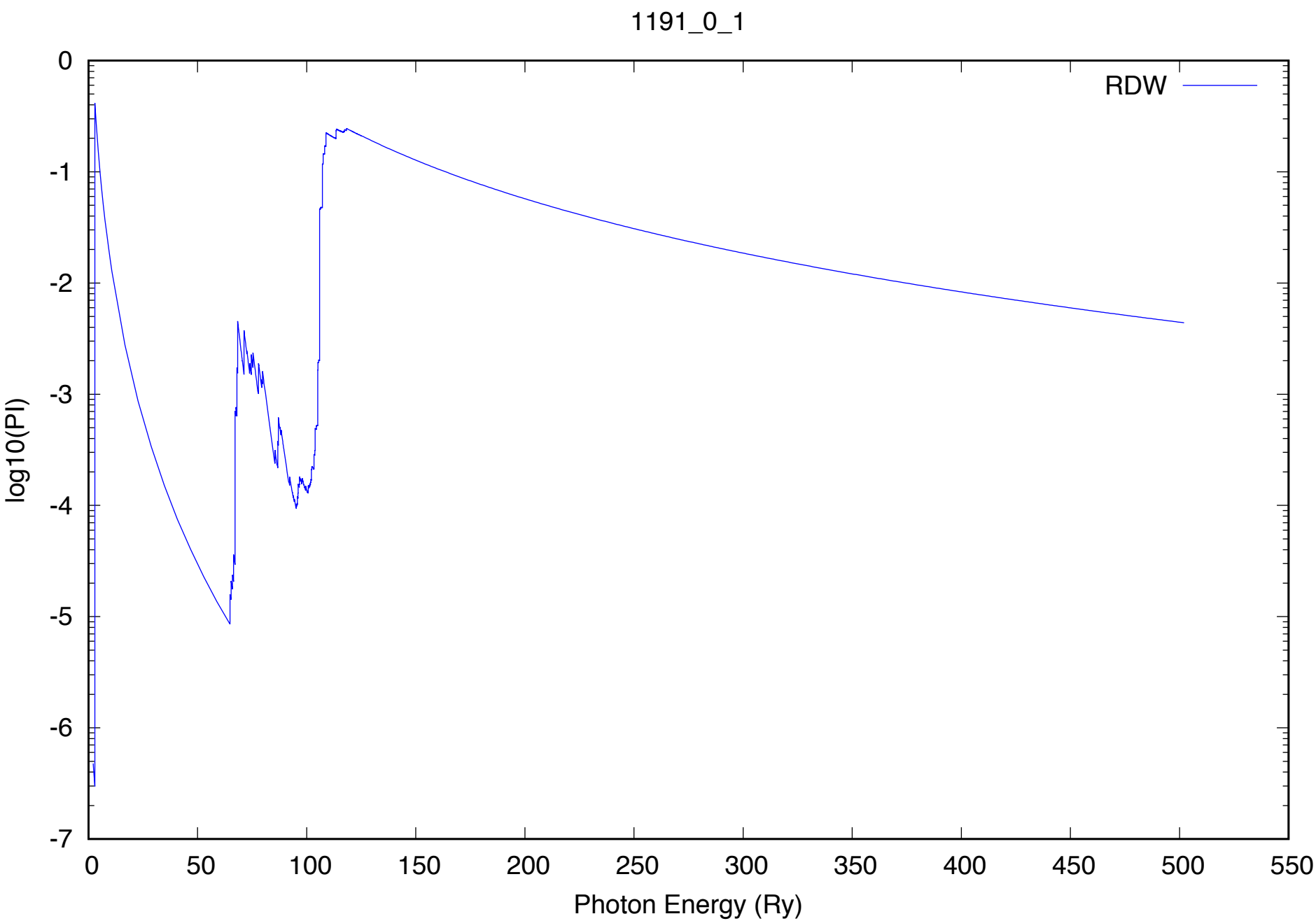
1191_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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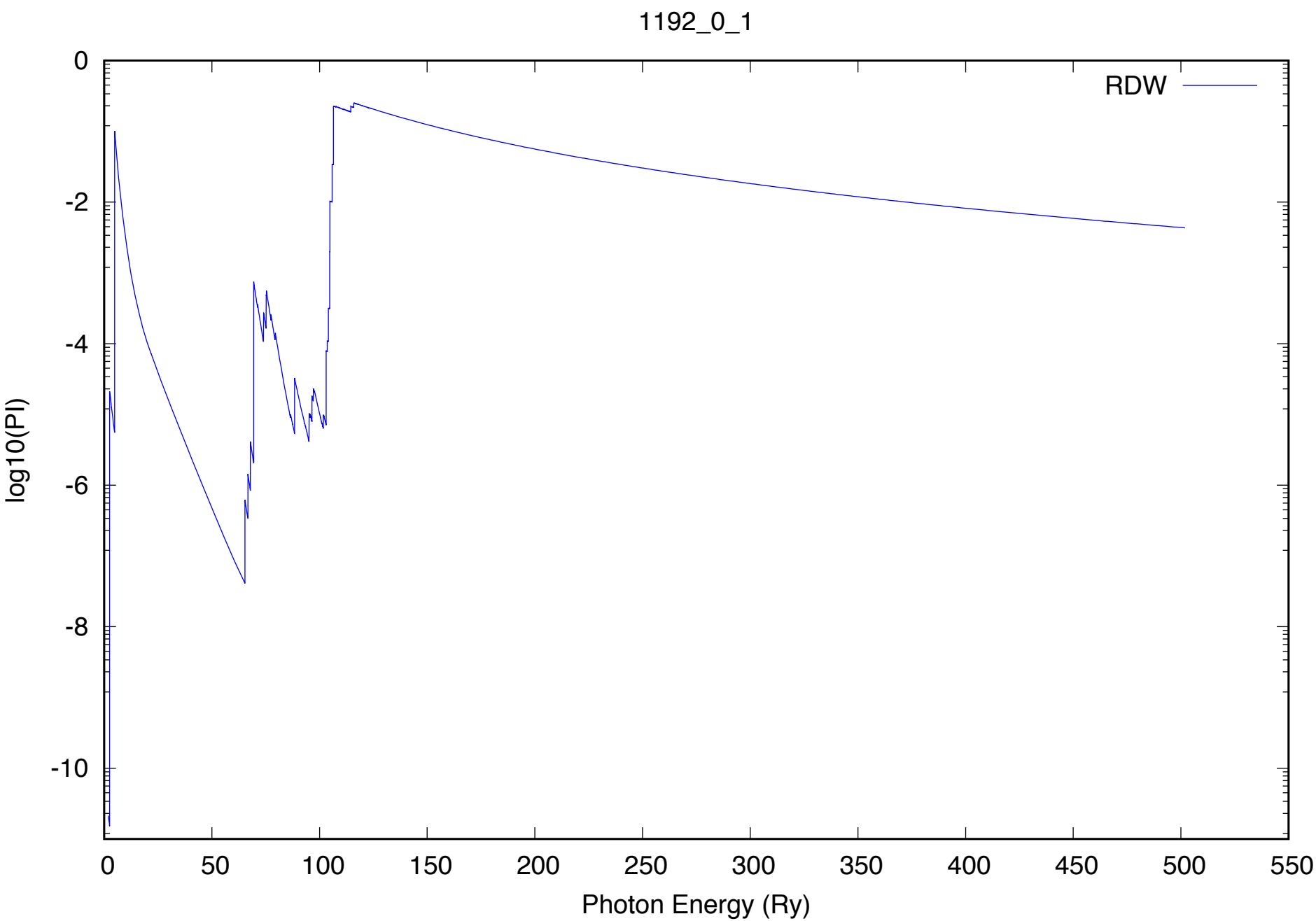
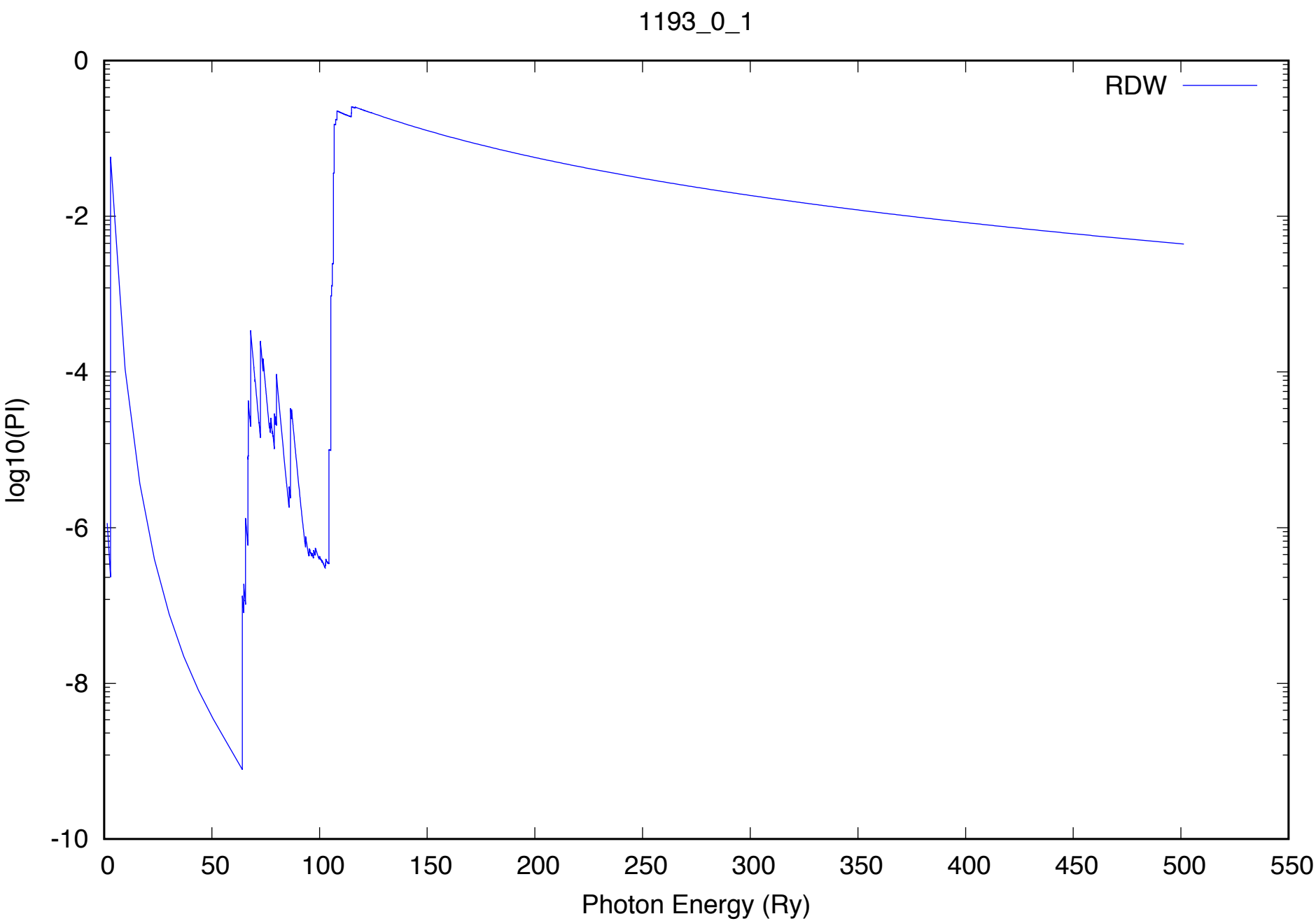
100
150
200
250
300
350
400
450
500
550


1192_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1193_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
-4
-6
-8
-10
0
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100
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200
250
300
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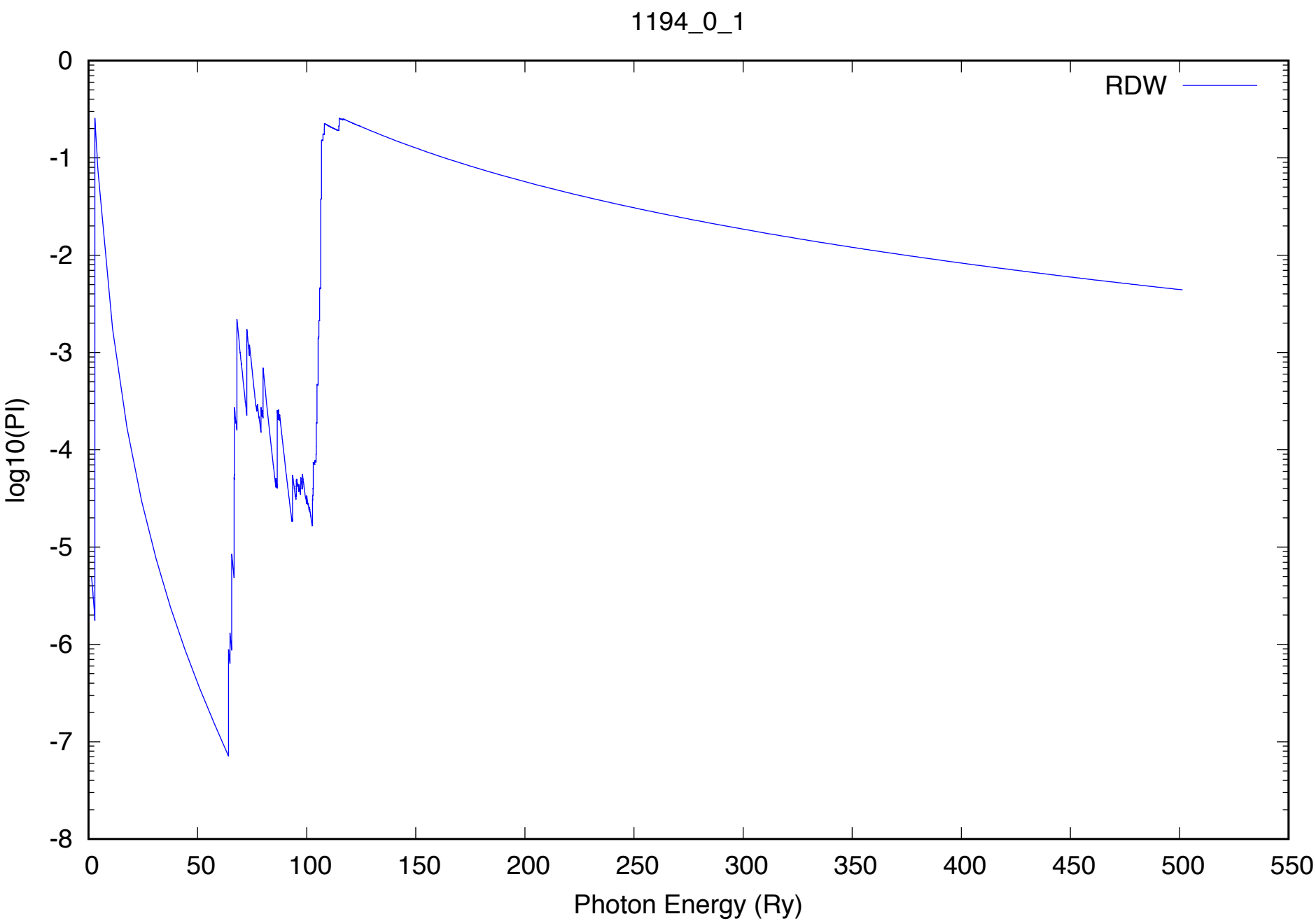
400
450
500
550


1194_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
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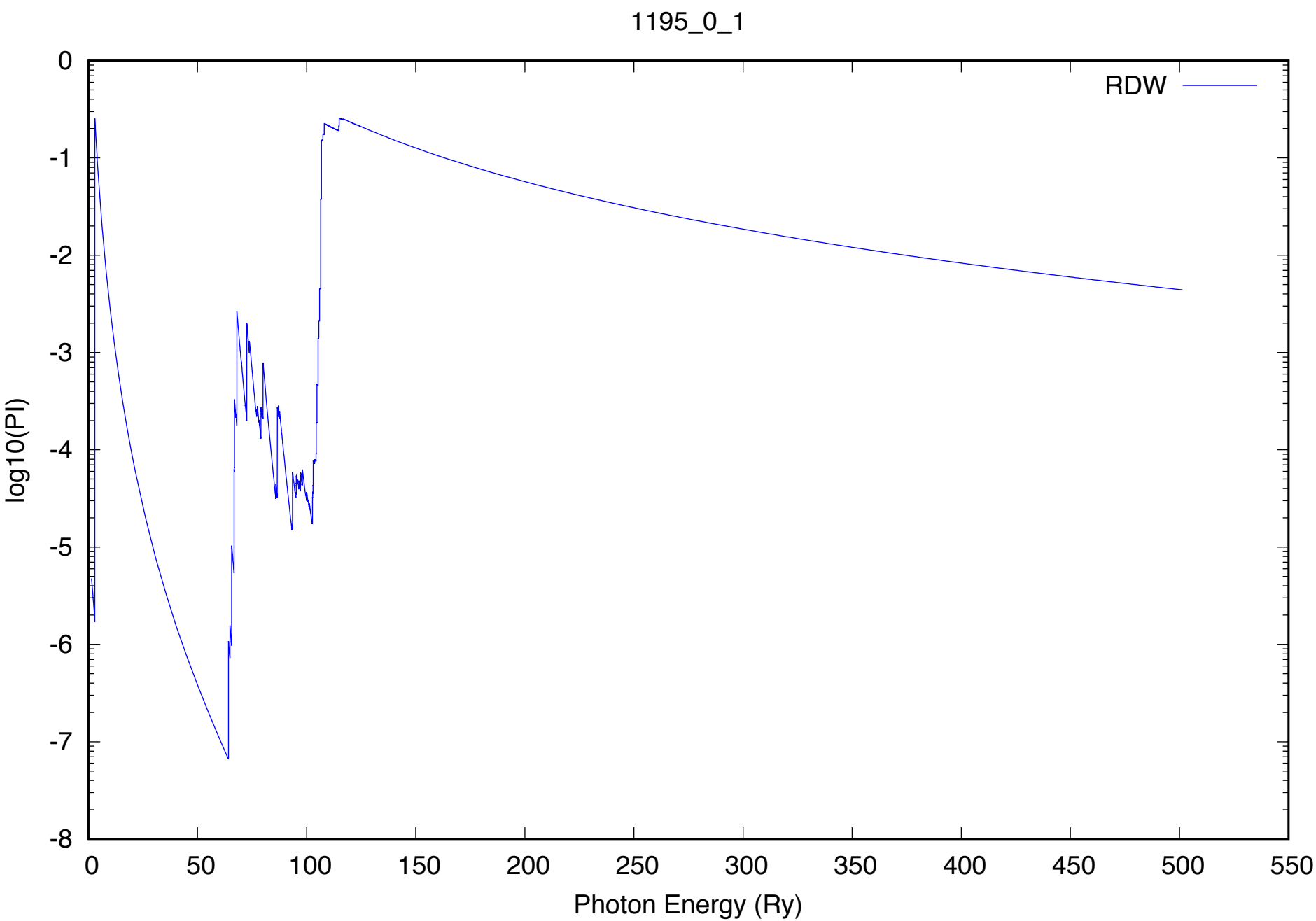
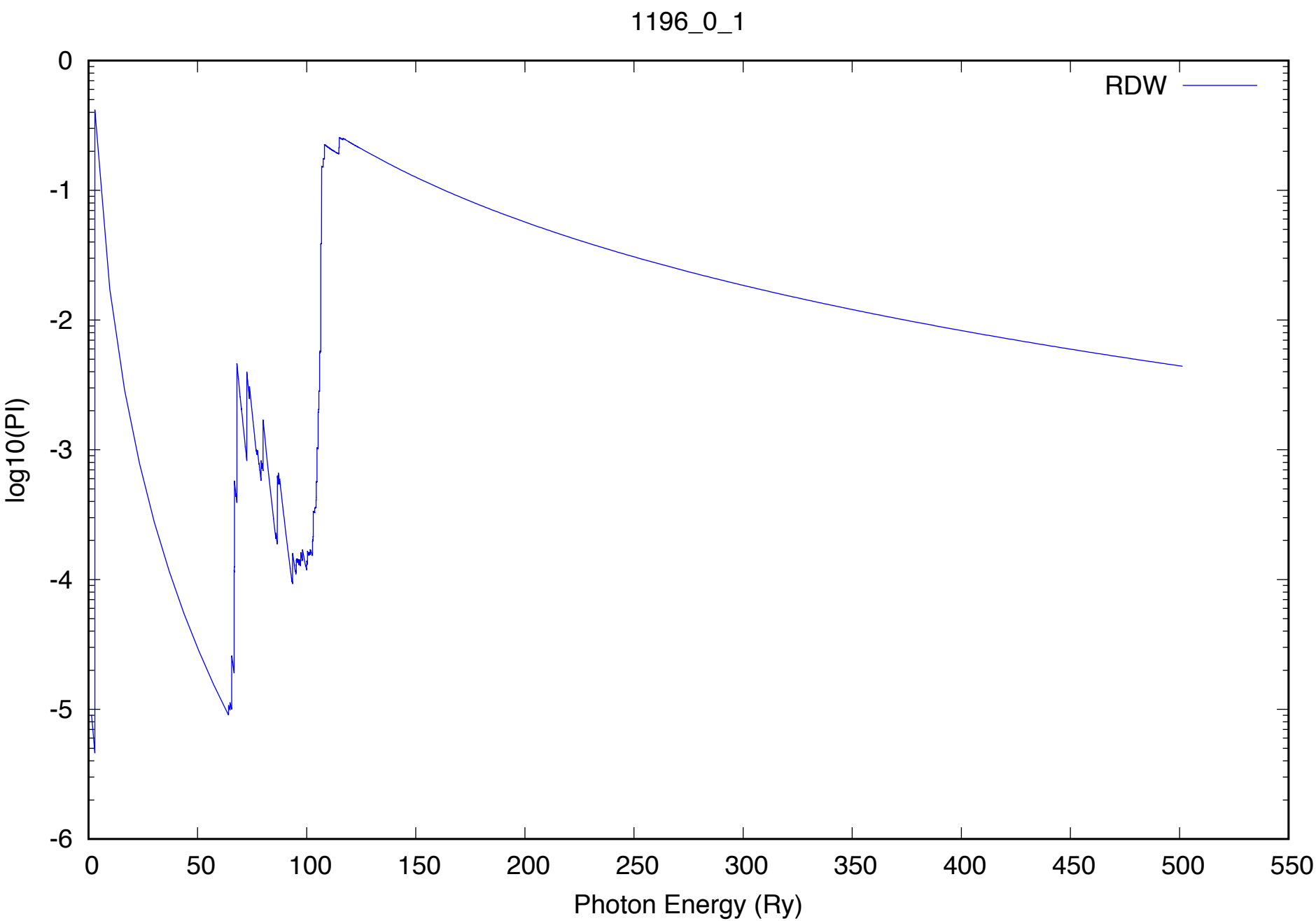

1195_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1196_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
-3
-4
-5
-6
0
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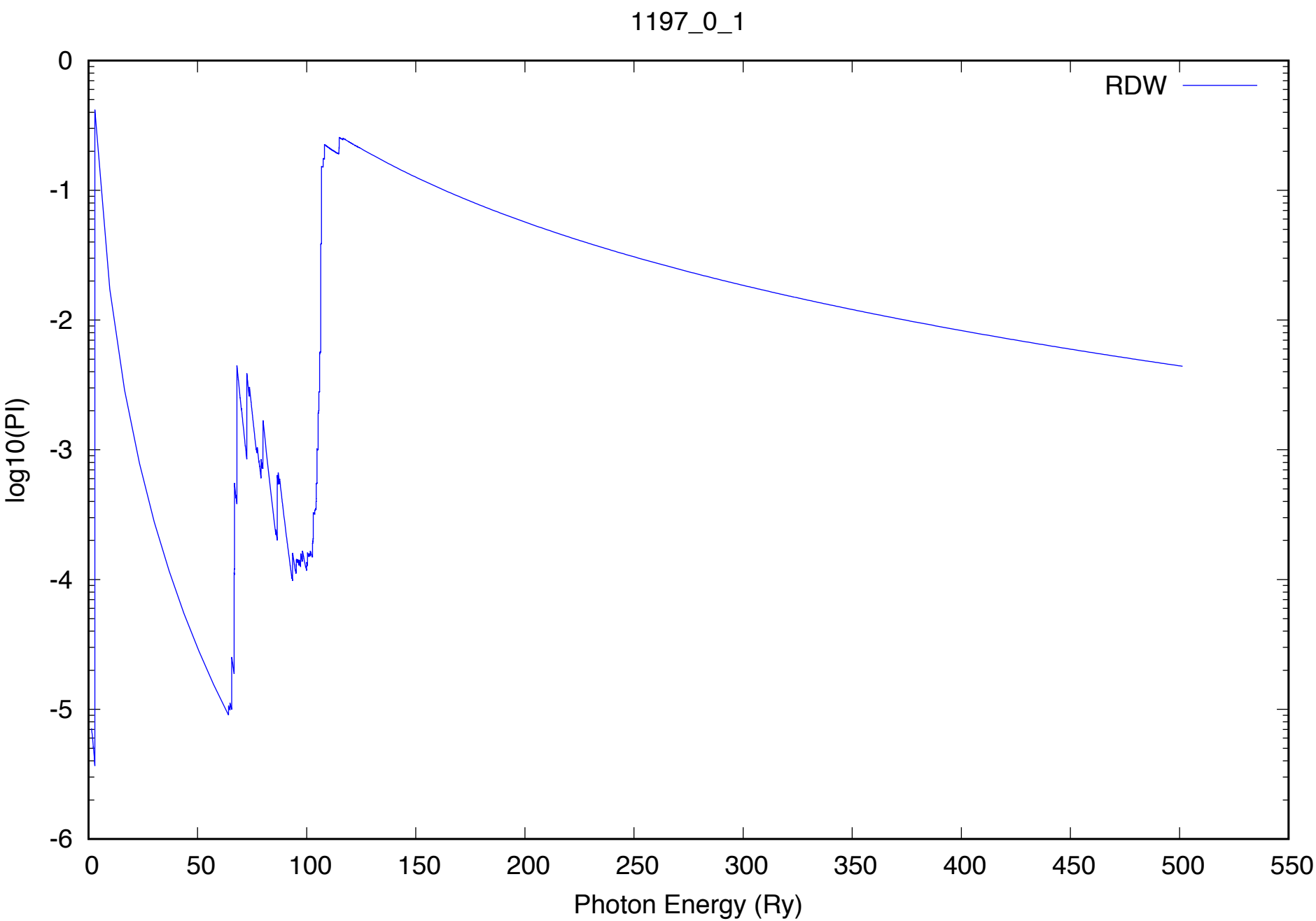
100
150
200
250
300
350
400
450
500
550


1197_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
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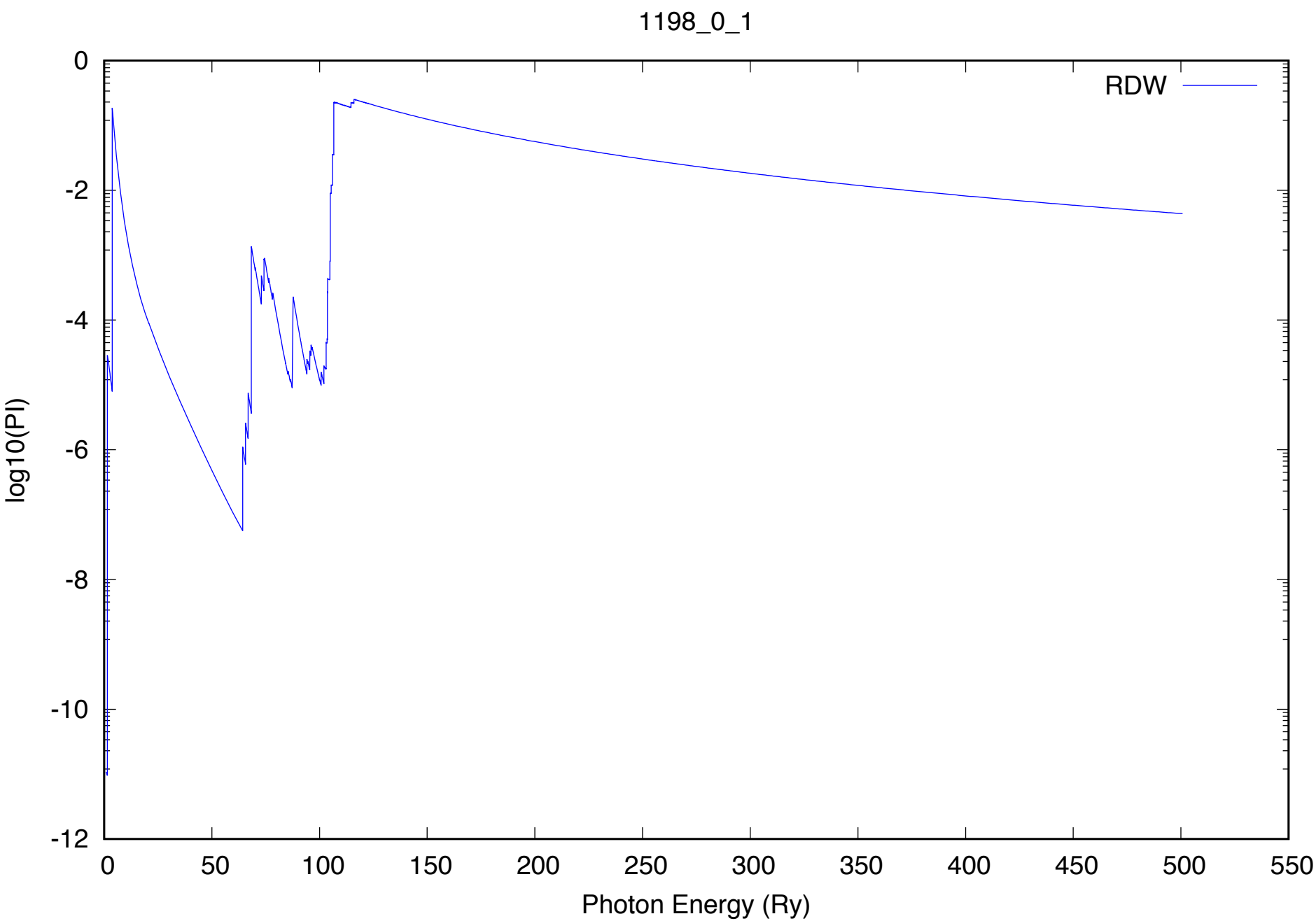
1198_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
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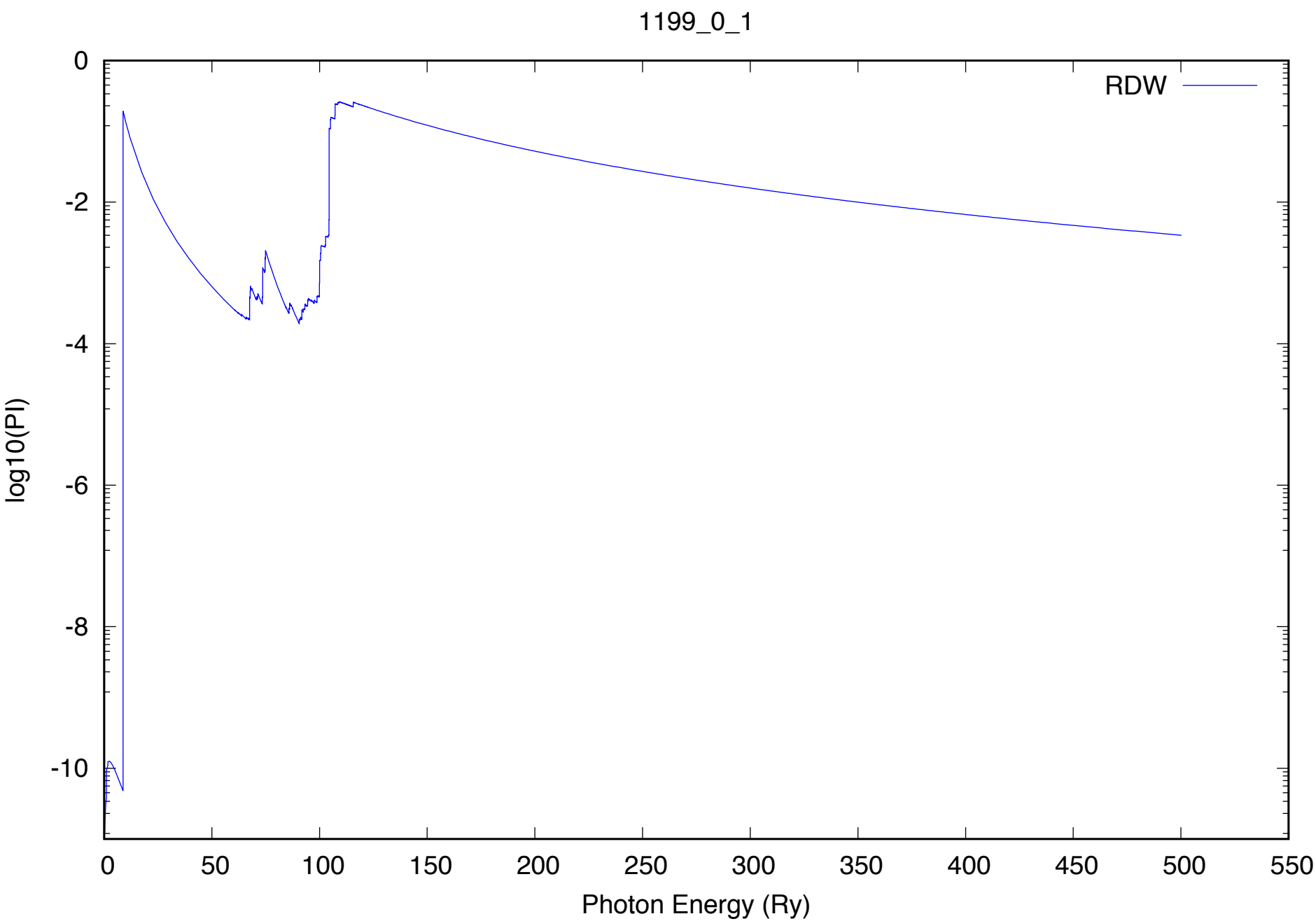
1199_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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100
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200
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300
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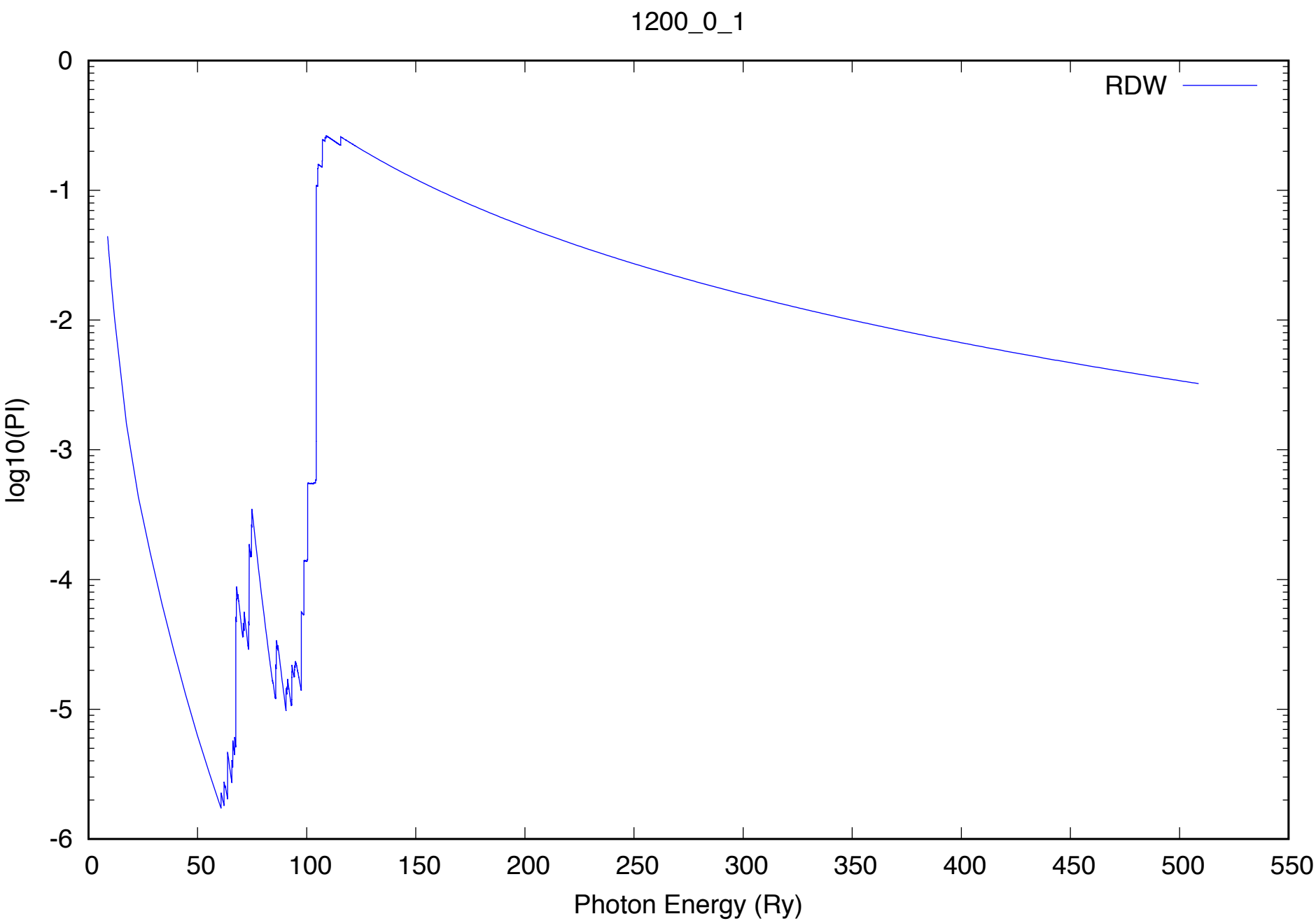
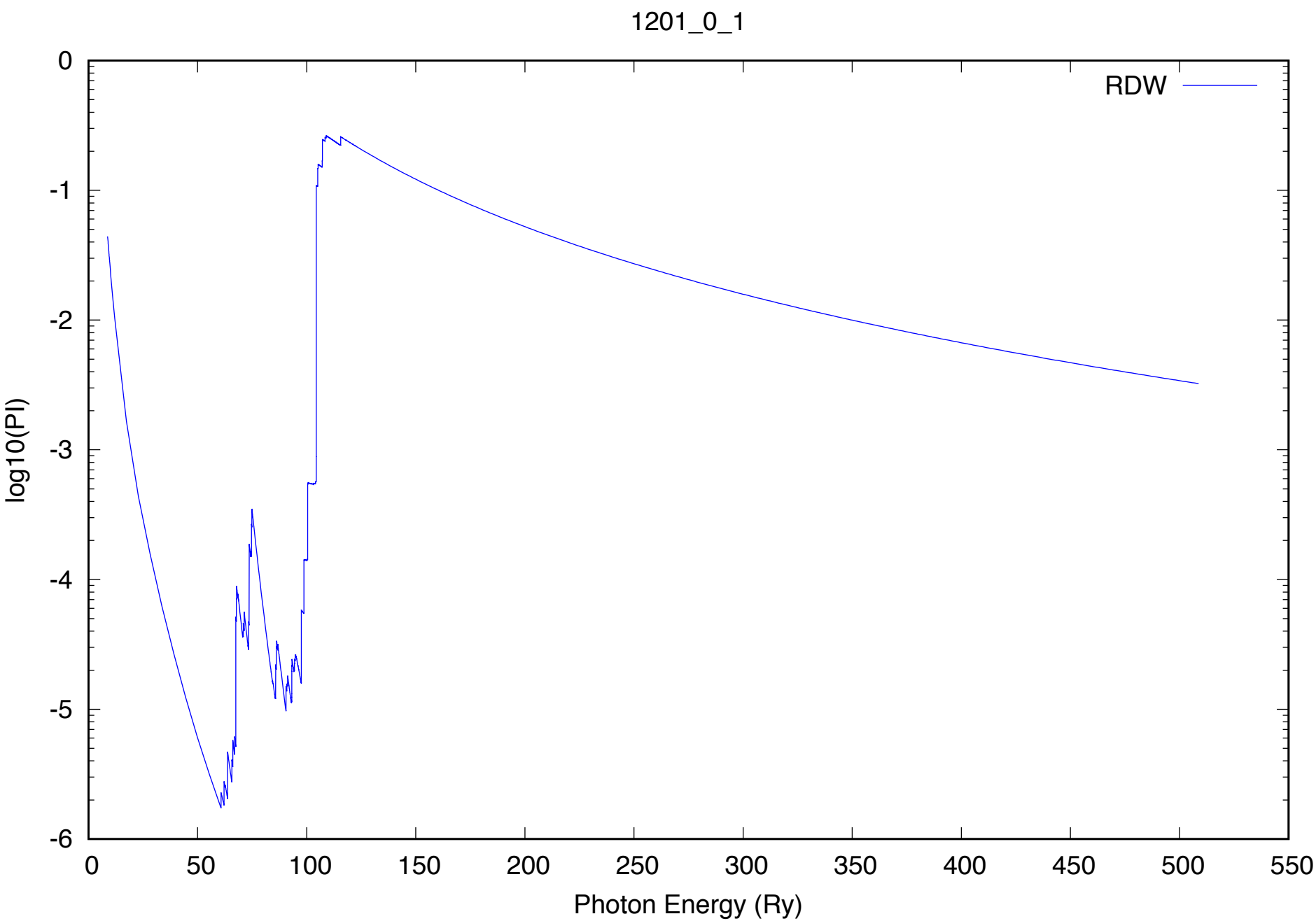
400
450
500
550


1200_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1201_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
0
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100
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200
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300
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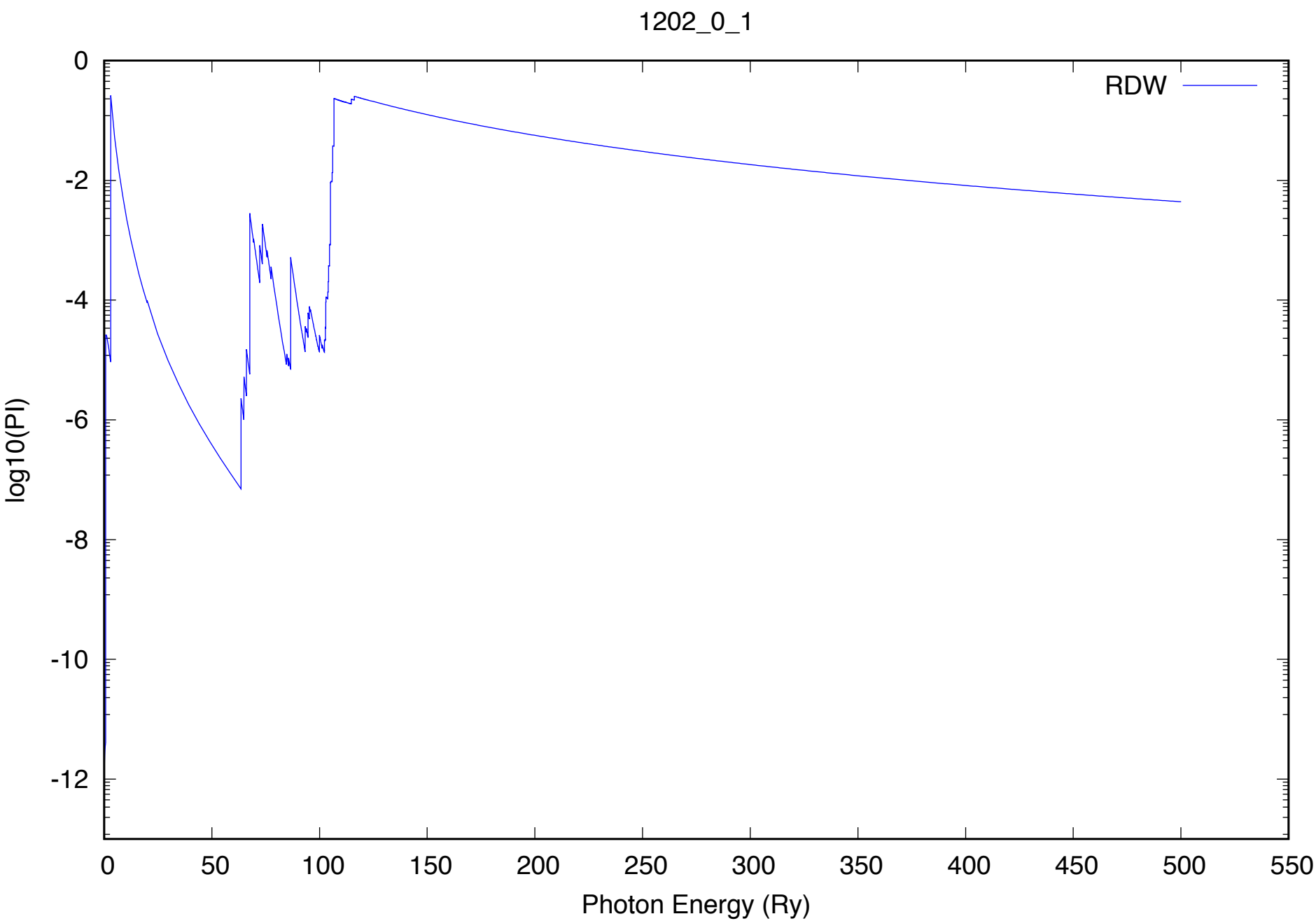
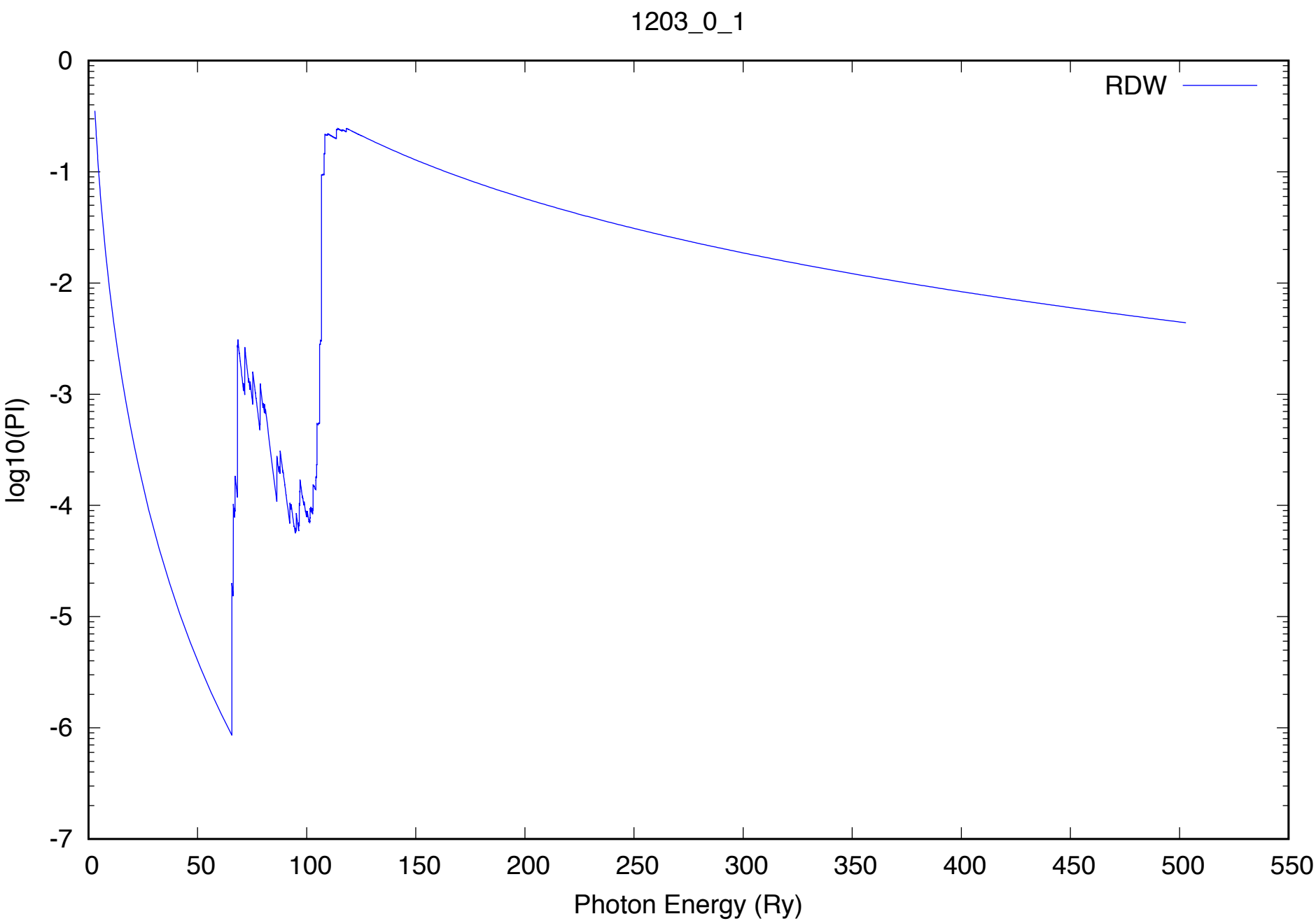
400
450
500
550


1202_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1203_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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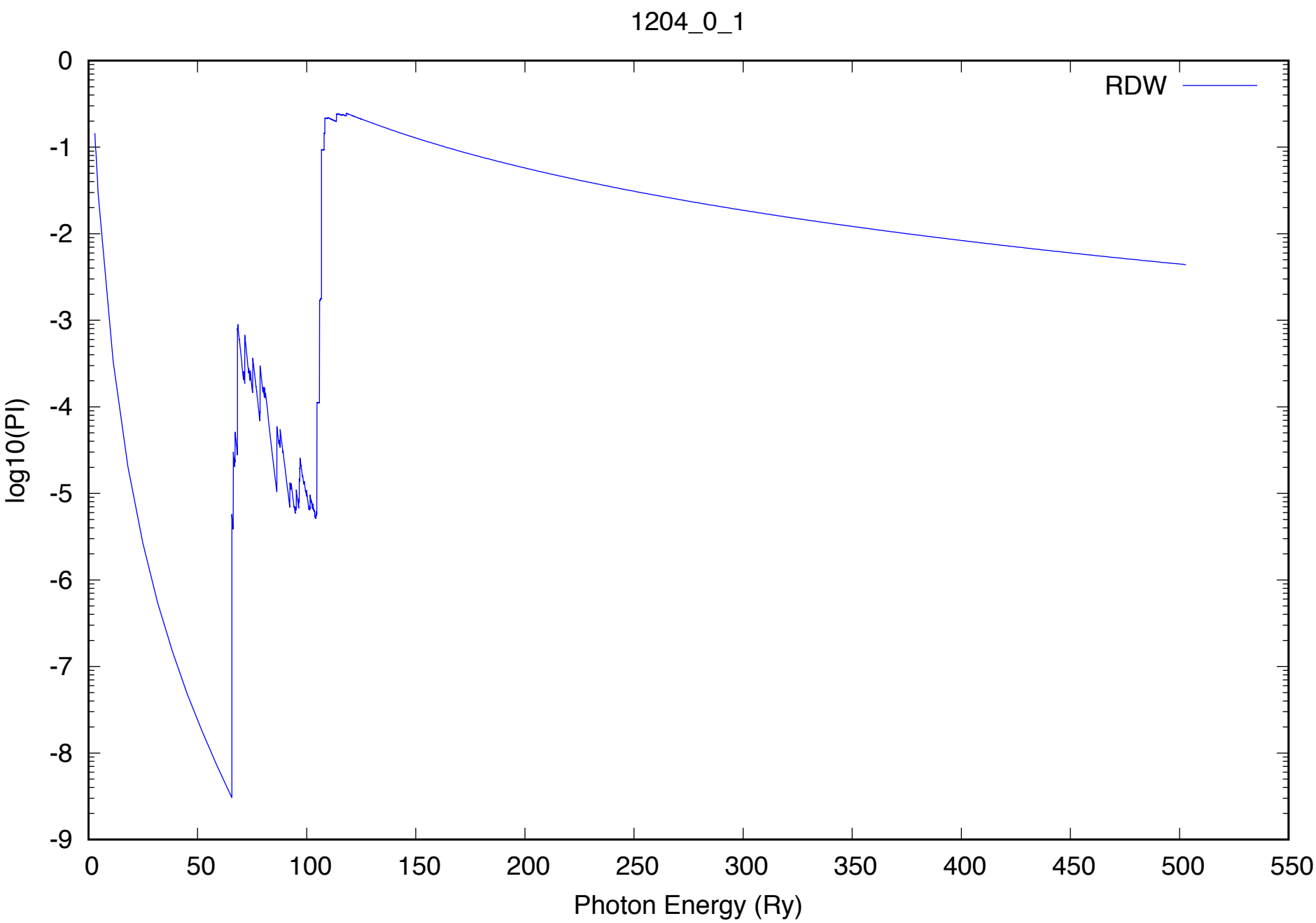
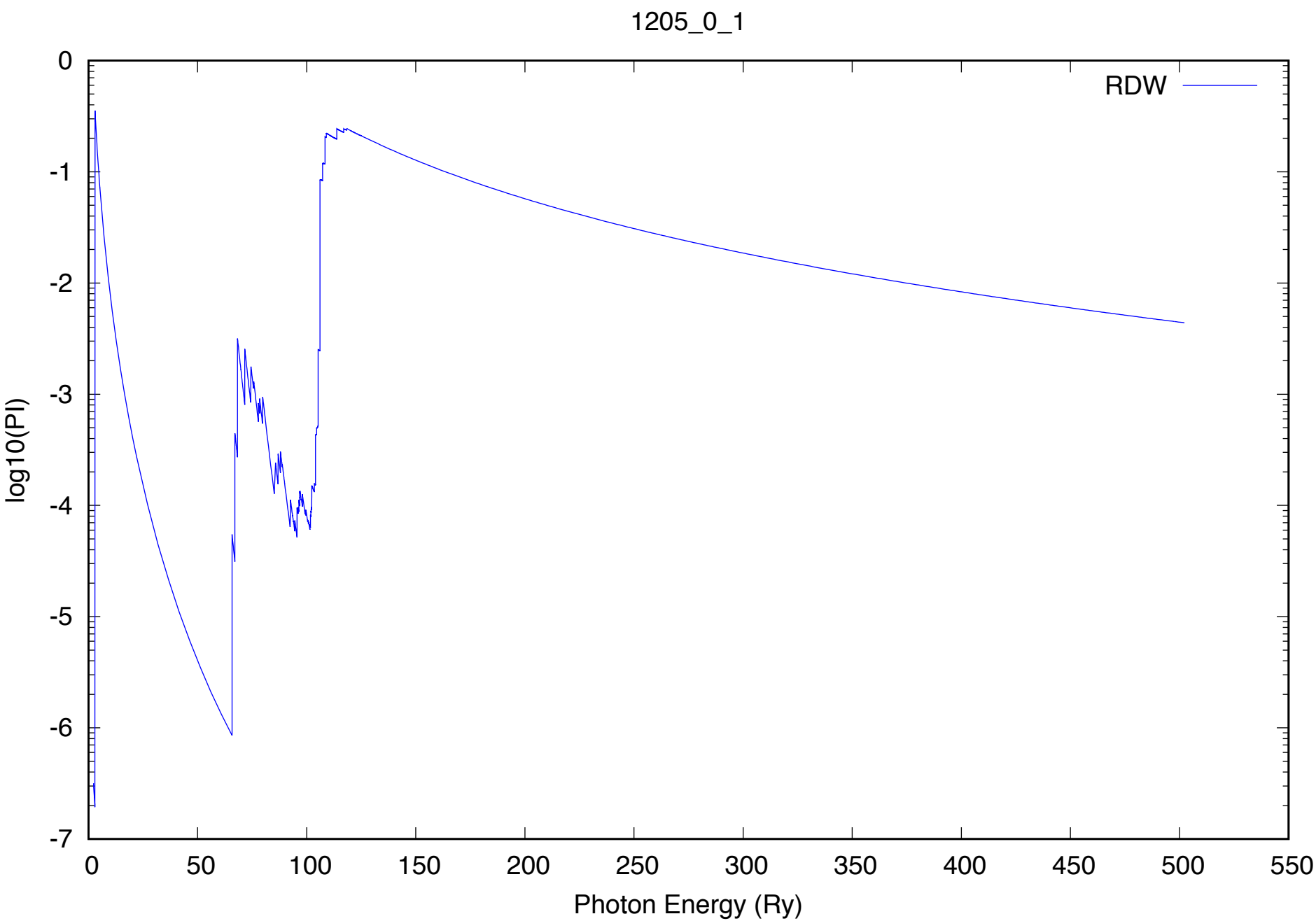
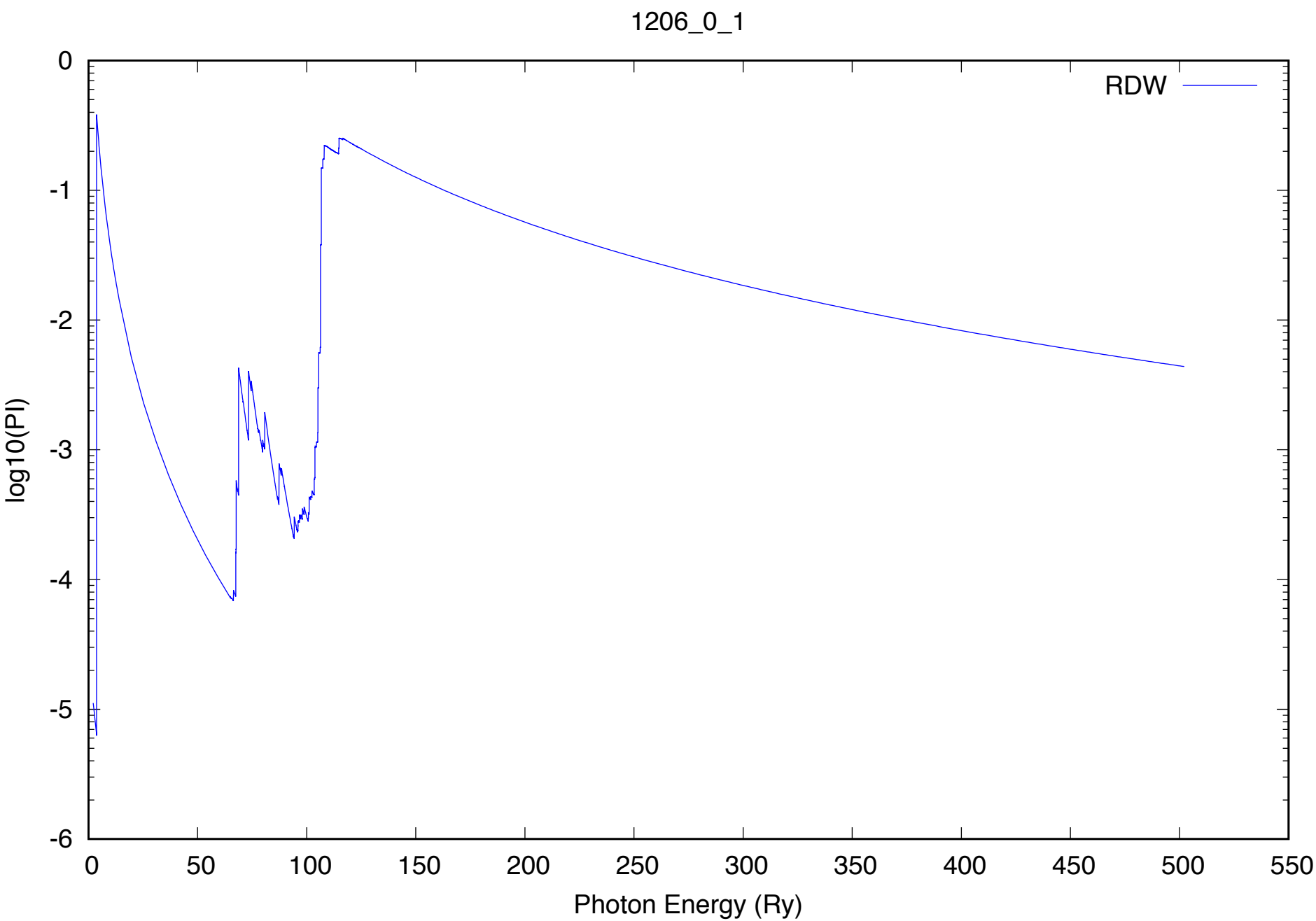
100
150
200
250
300
350
400
450
500
550


1204_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1205_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1206_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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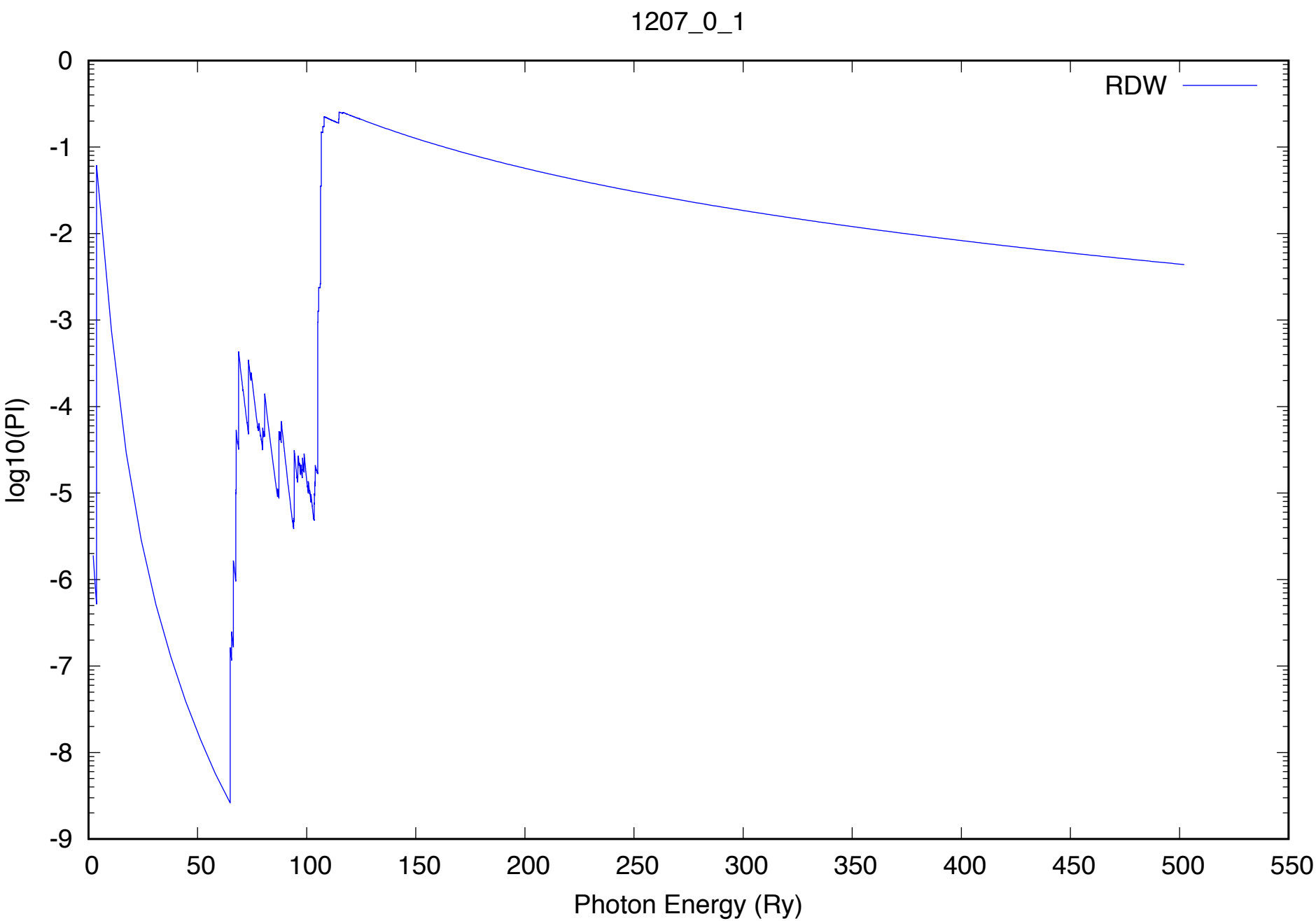
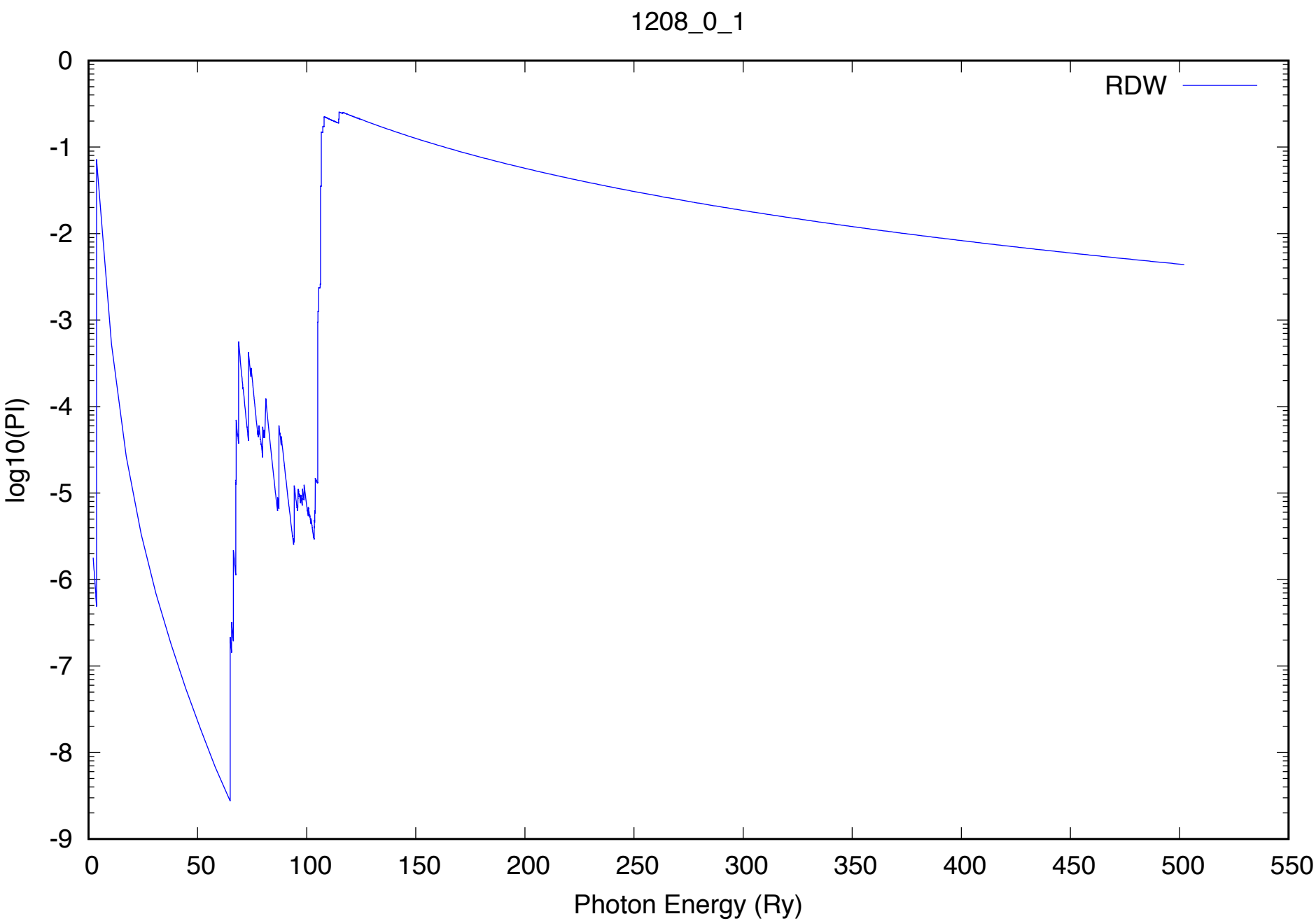
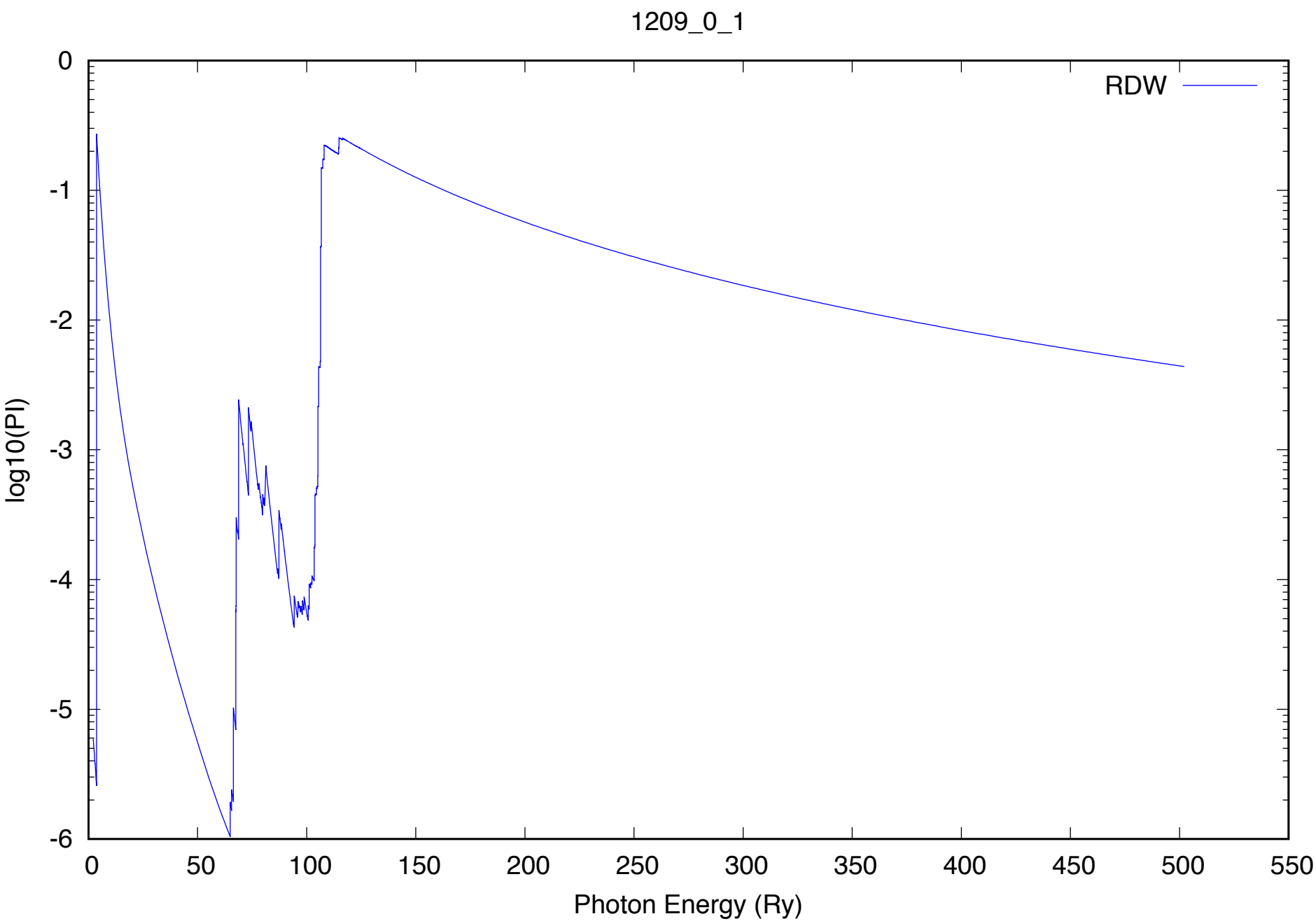
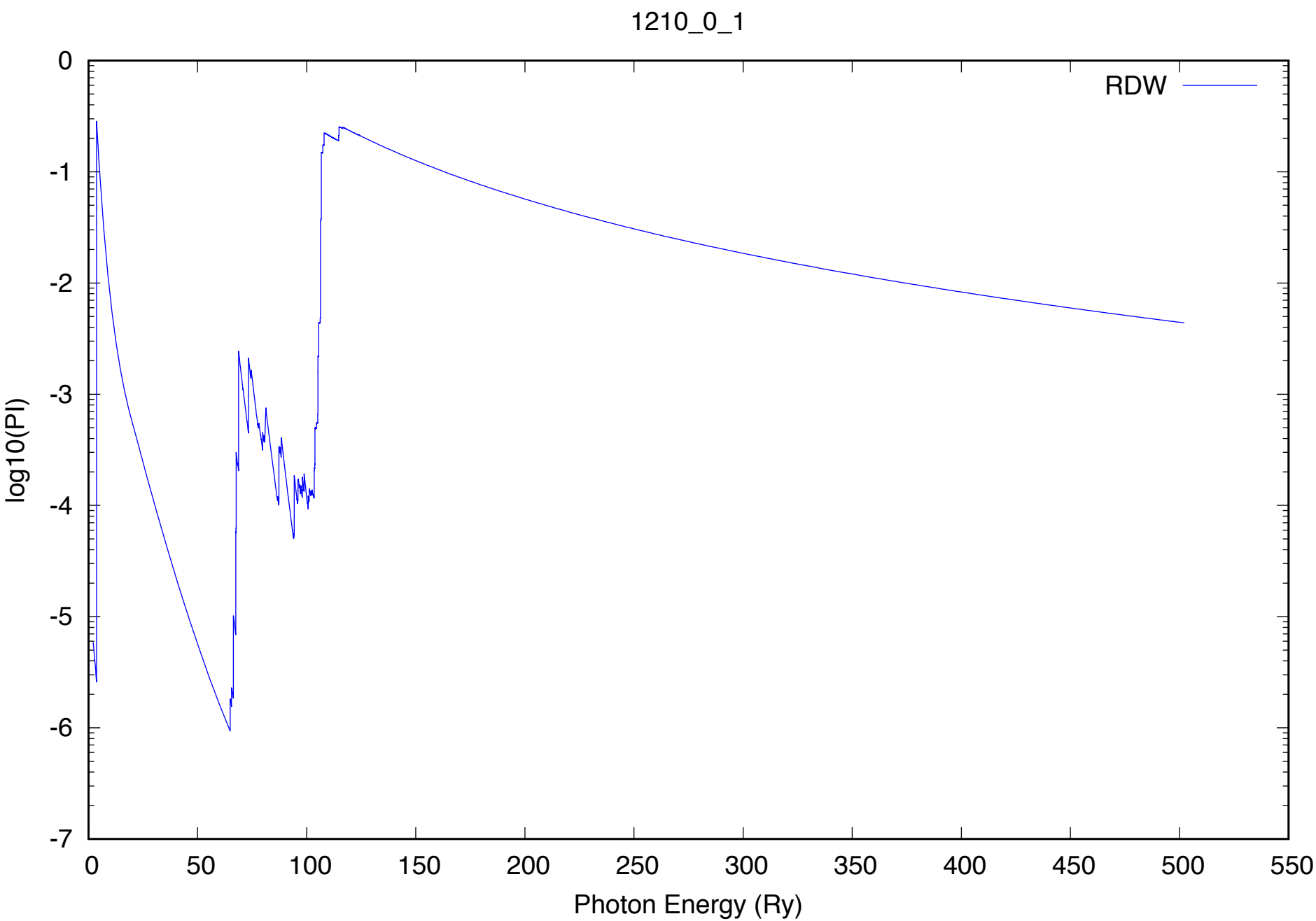
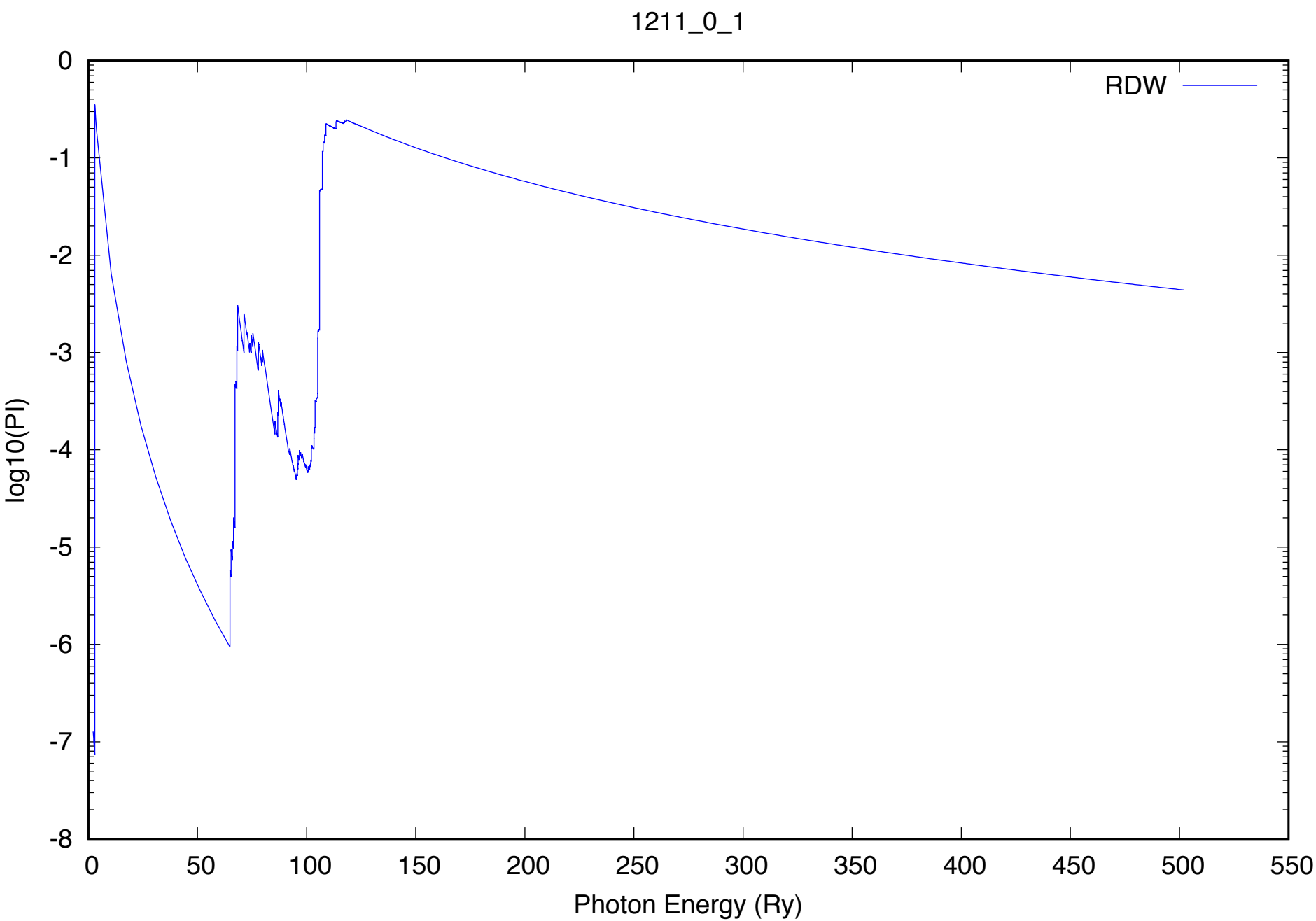
100
150
200
250
300
350
400
450
500
550

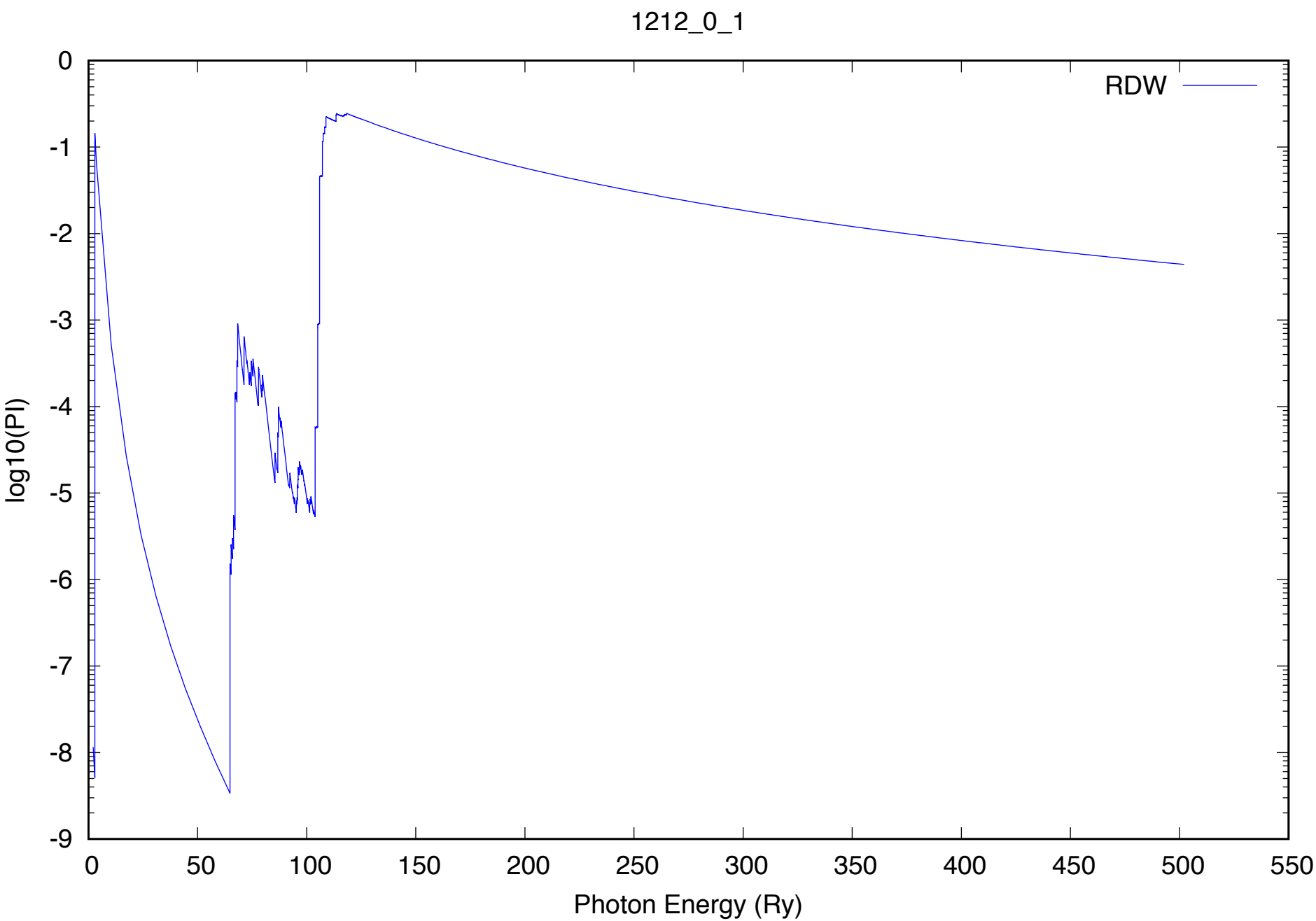

1207_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

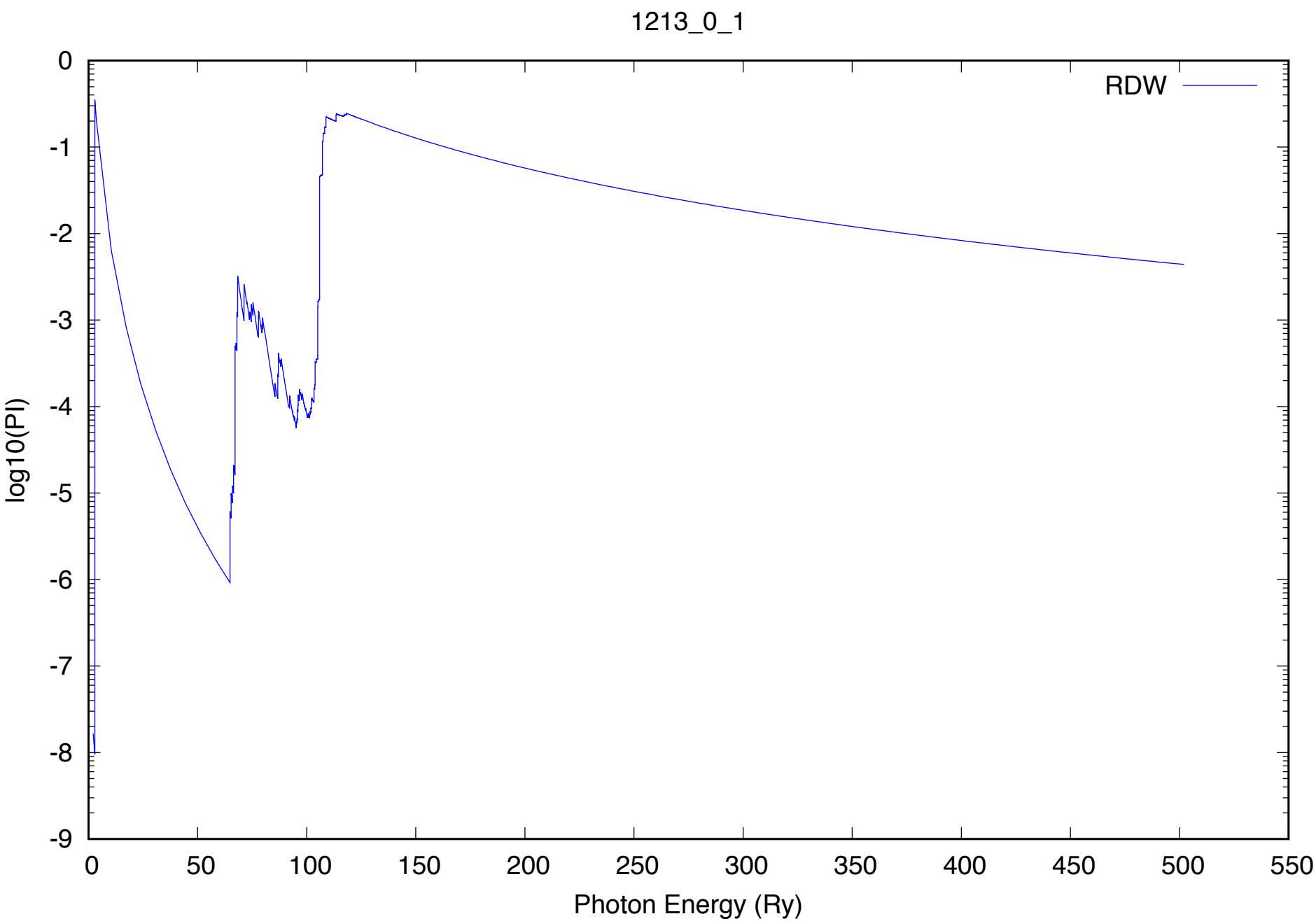

1208_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

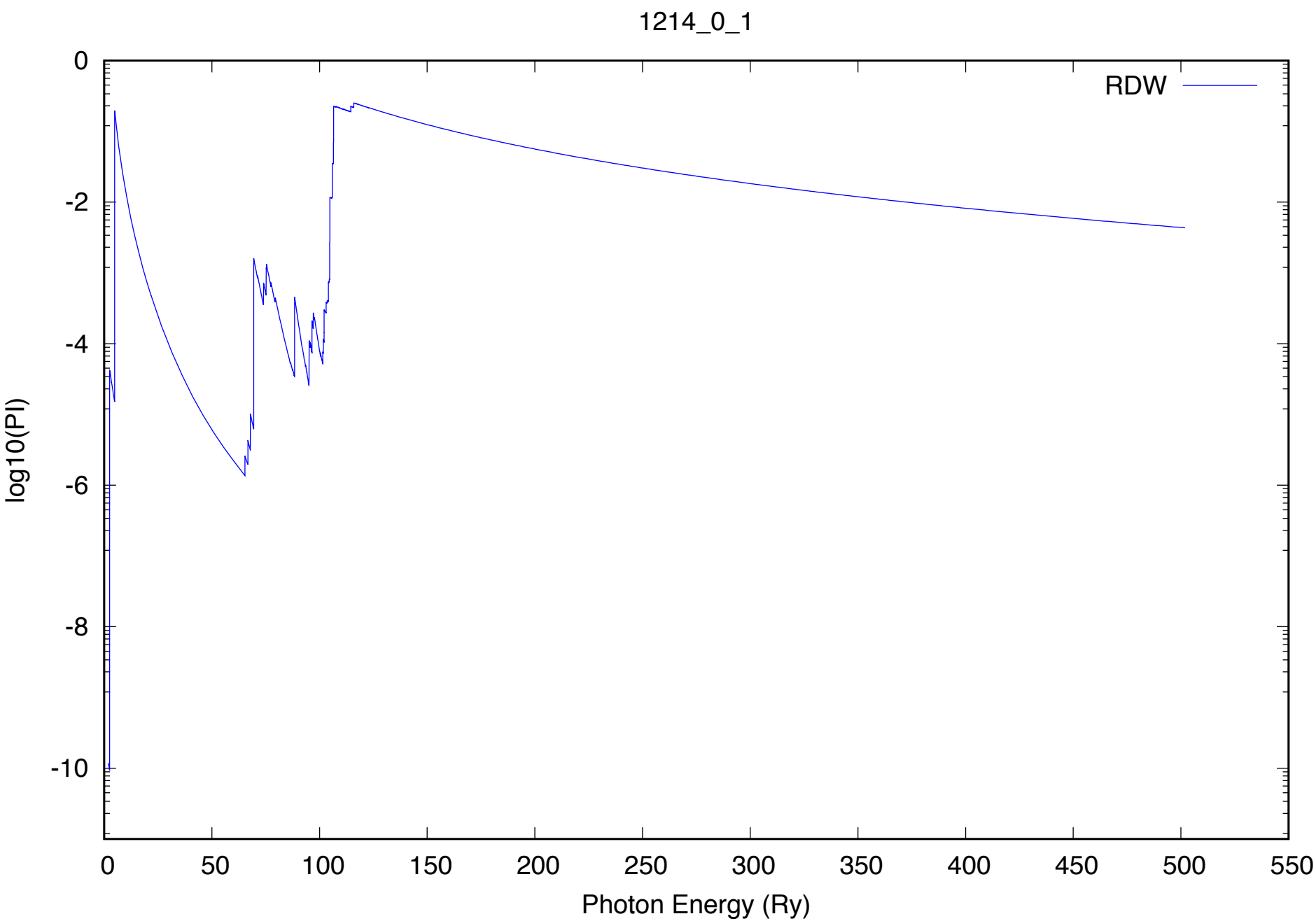

1209_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1210_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1211_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1212_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1213_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1214_0_1
RDW
log10(PI)
0
-2
-4
-6
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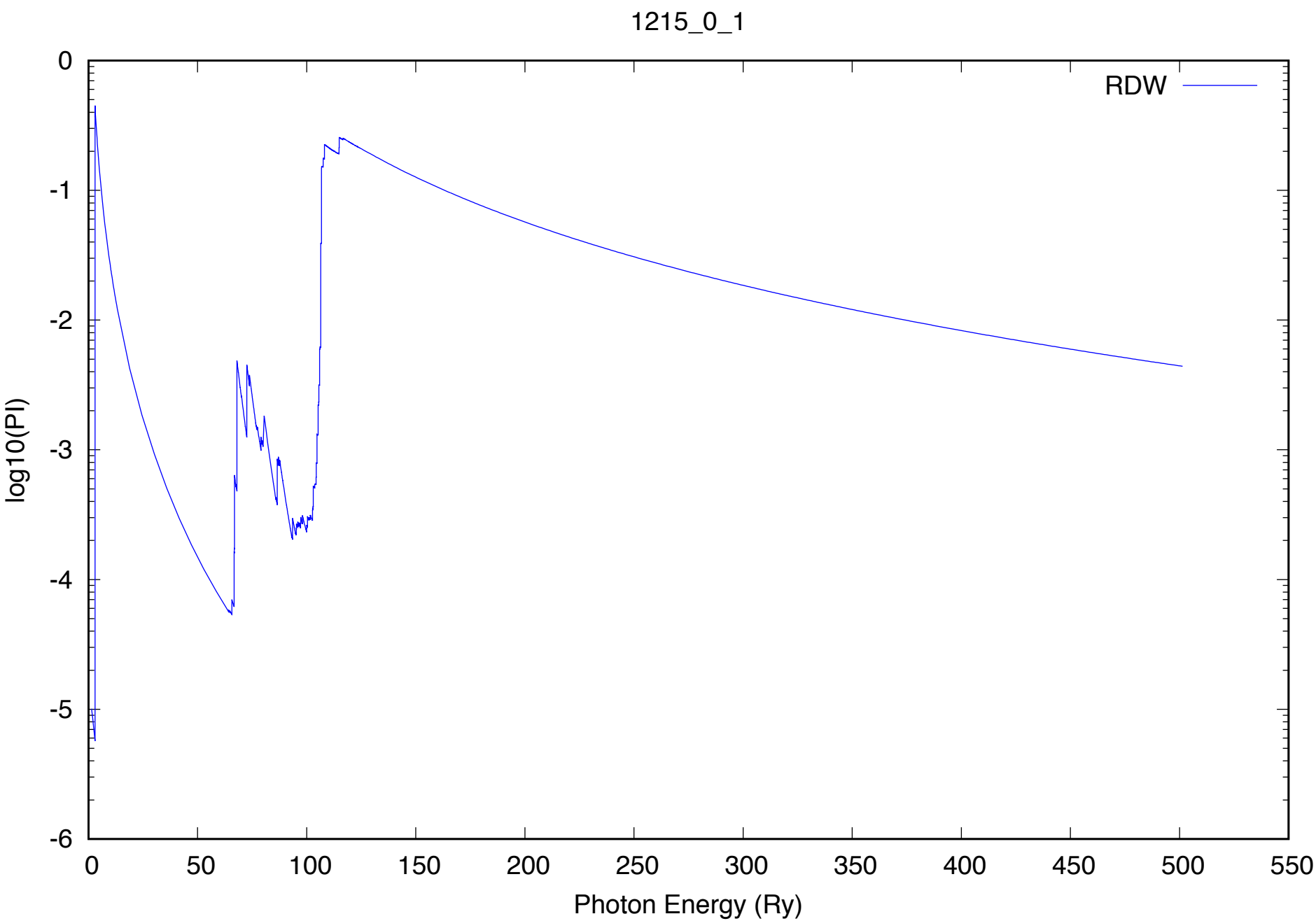
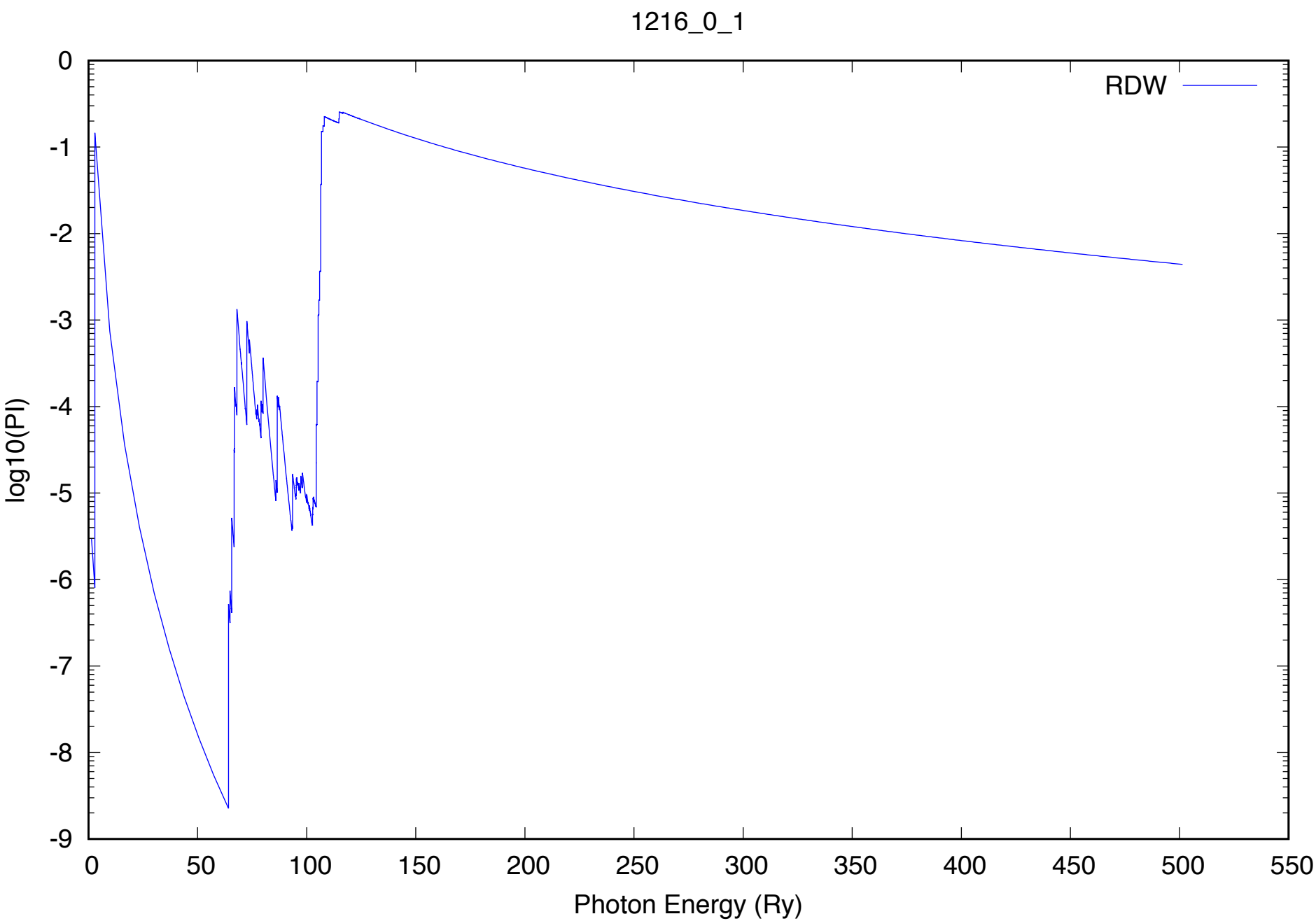
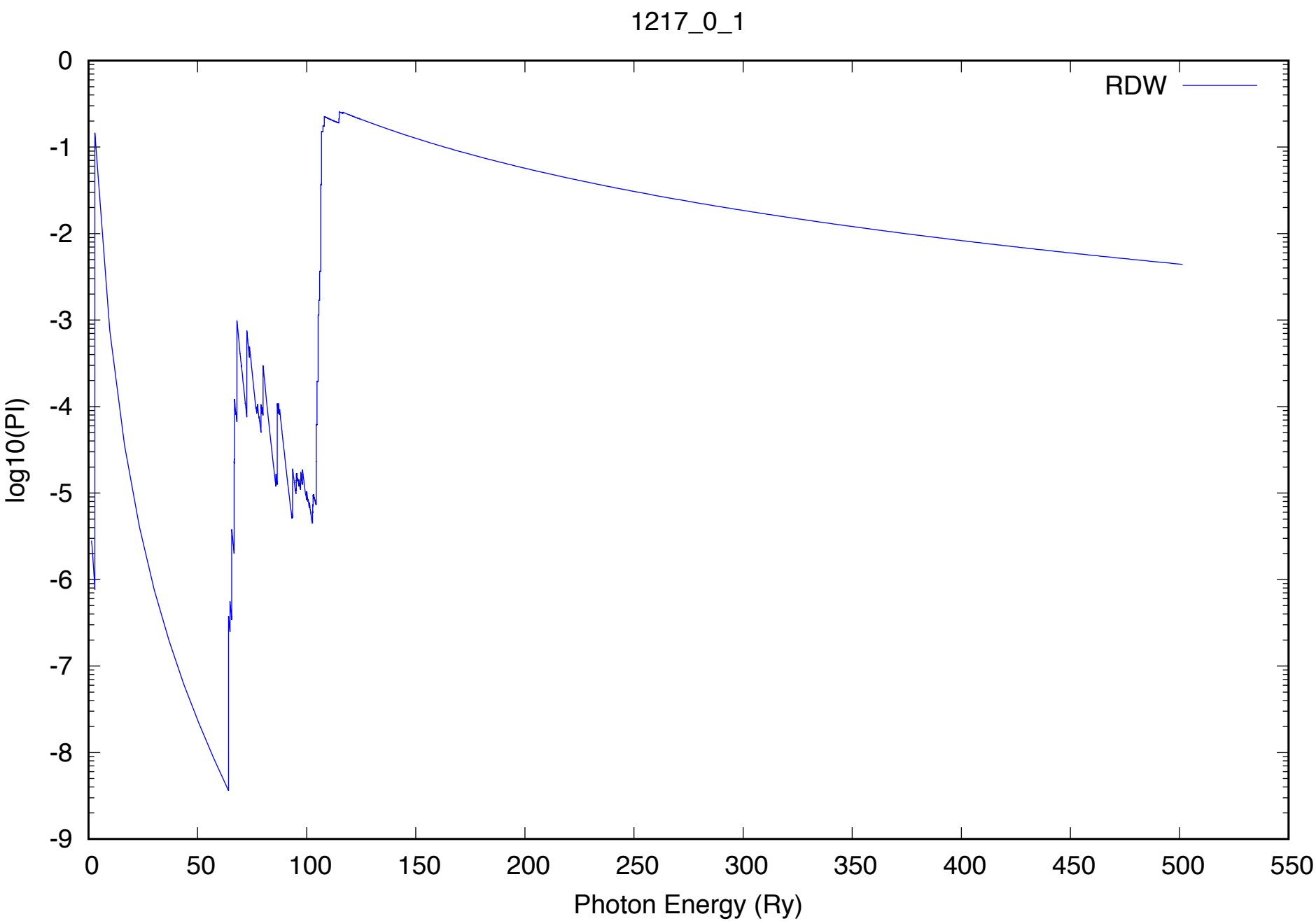
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1215_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1216_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1217_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
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500
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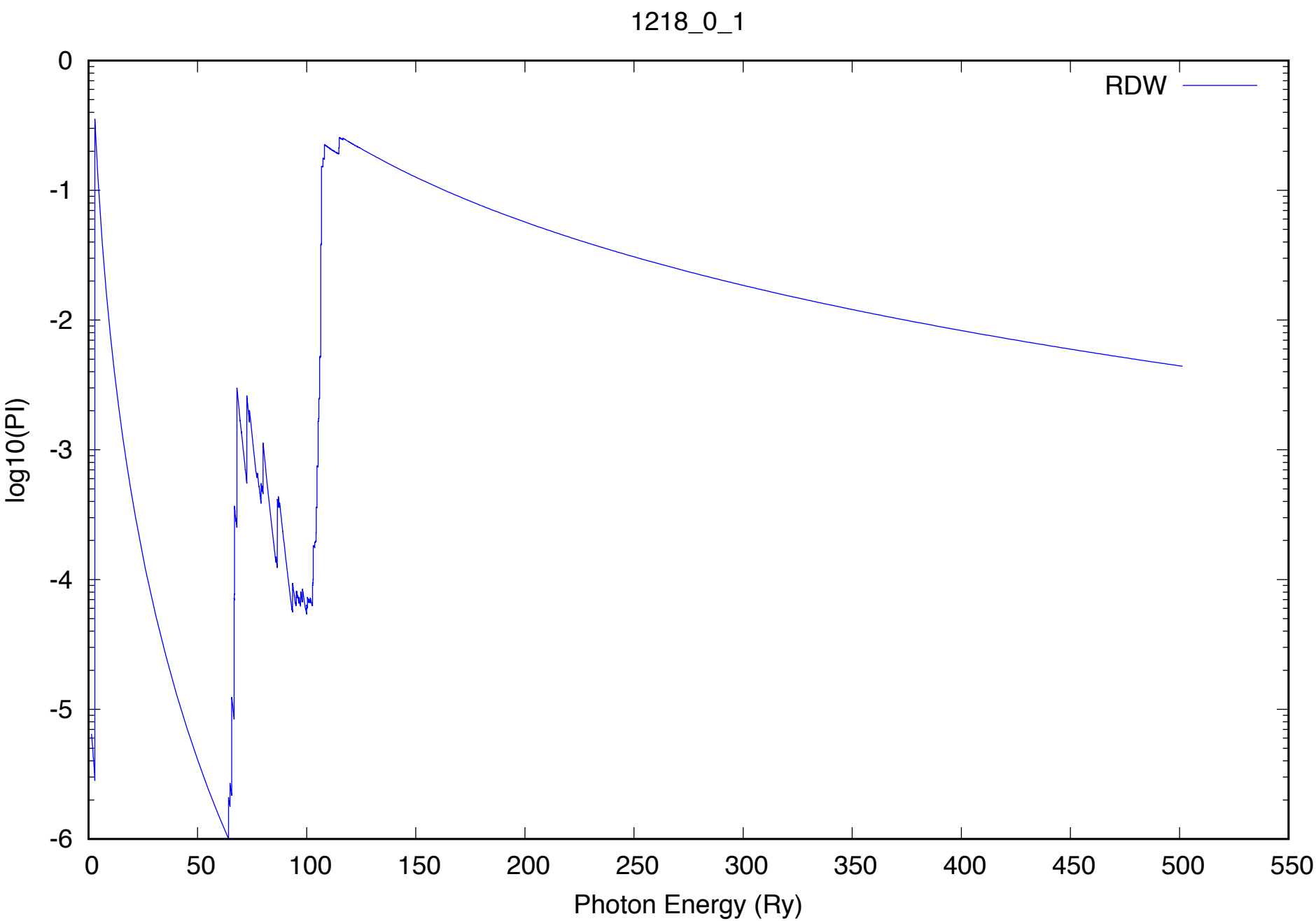
1218_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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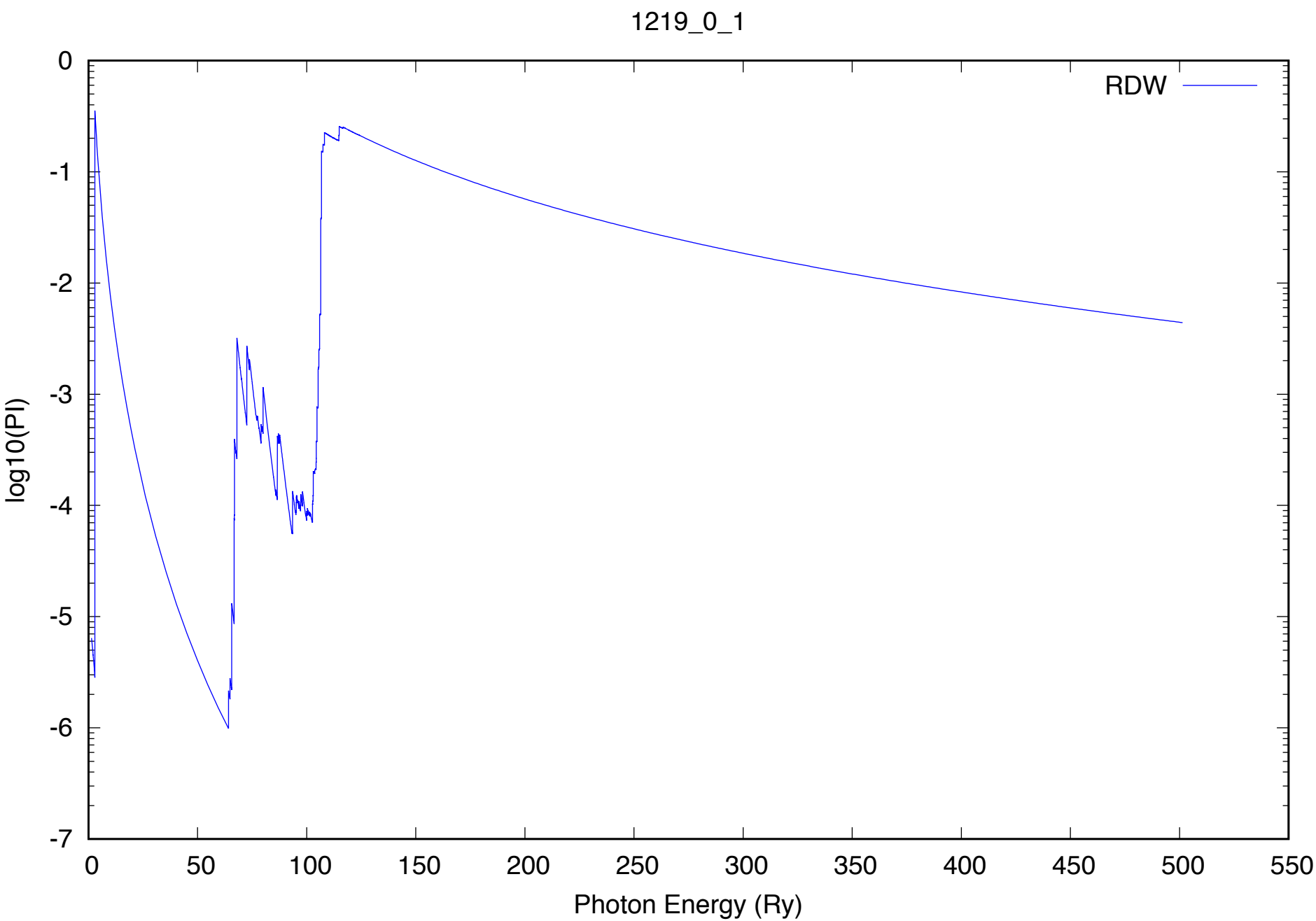
100
150
200
250
300
350
400
450
500
550


1219_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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100
150
200
250
300
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400
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500
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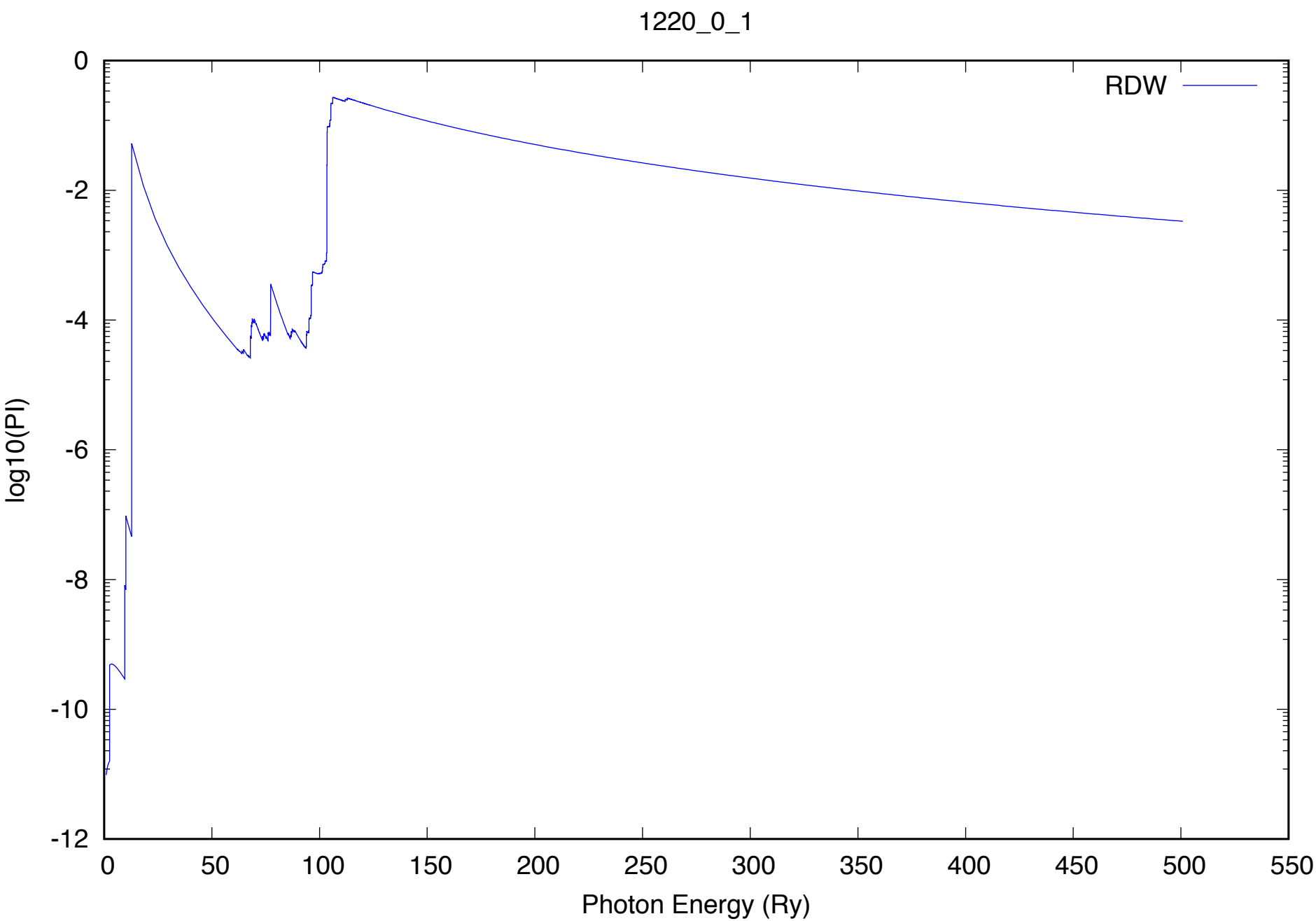
1220_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
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-8
-10
-12
0
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200
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300
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500
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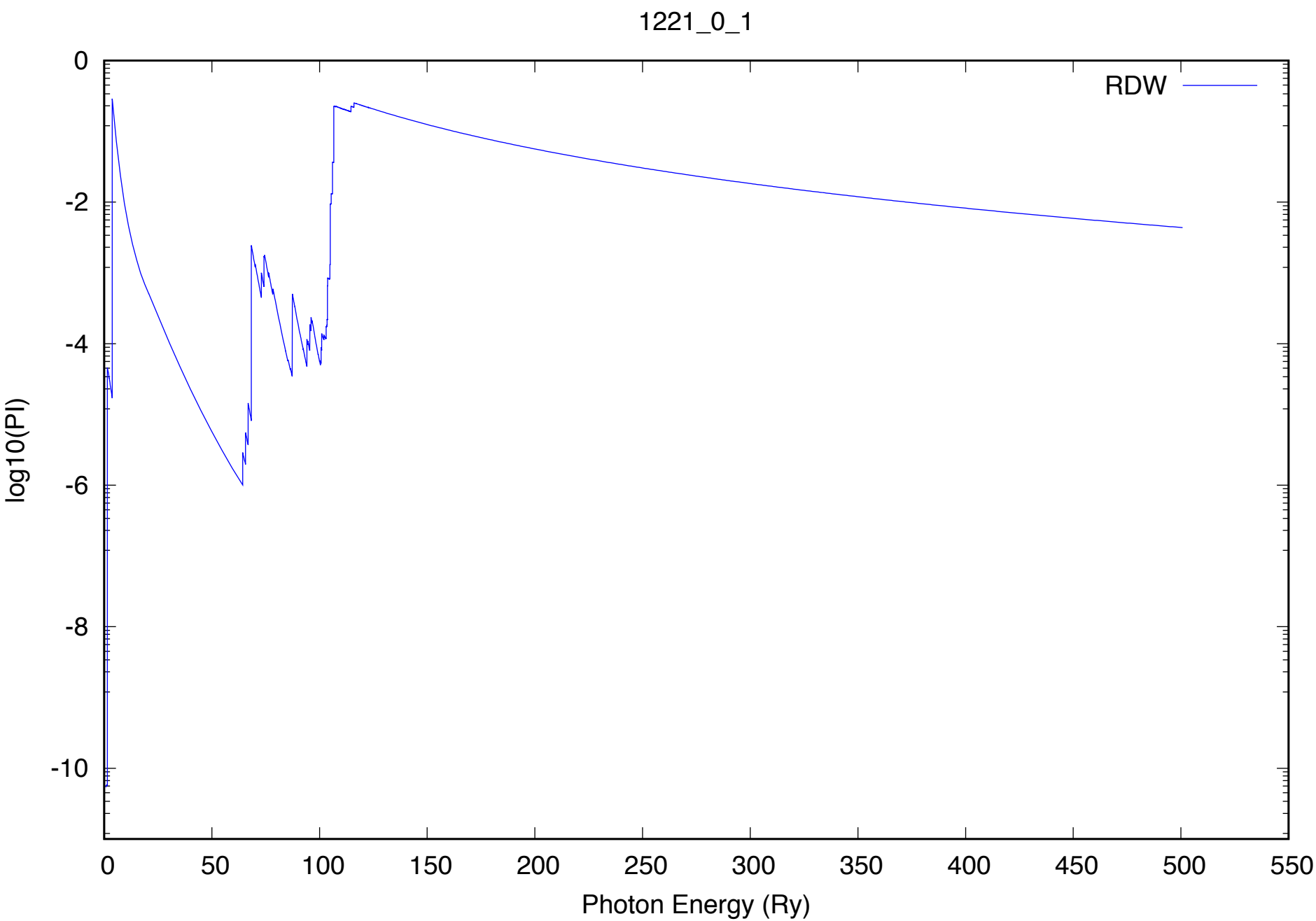
1221_0_1
RDW
log10(PI)
0
-2
-4
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-10
0
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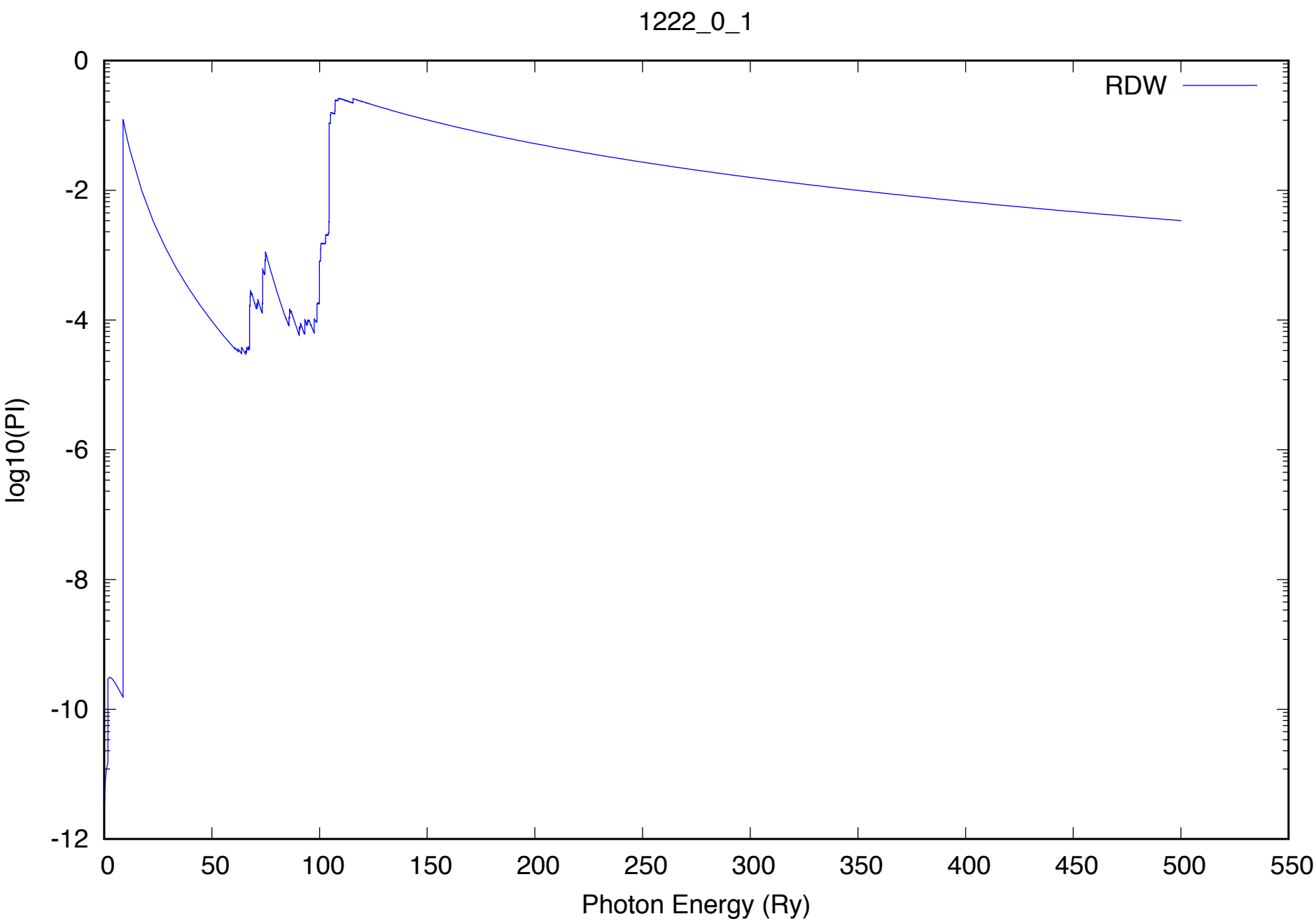
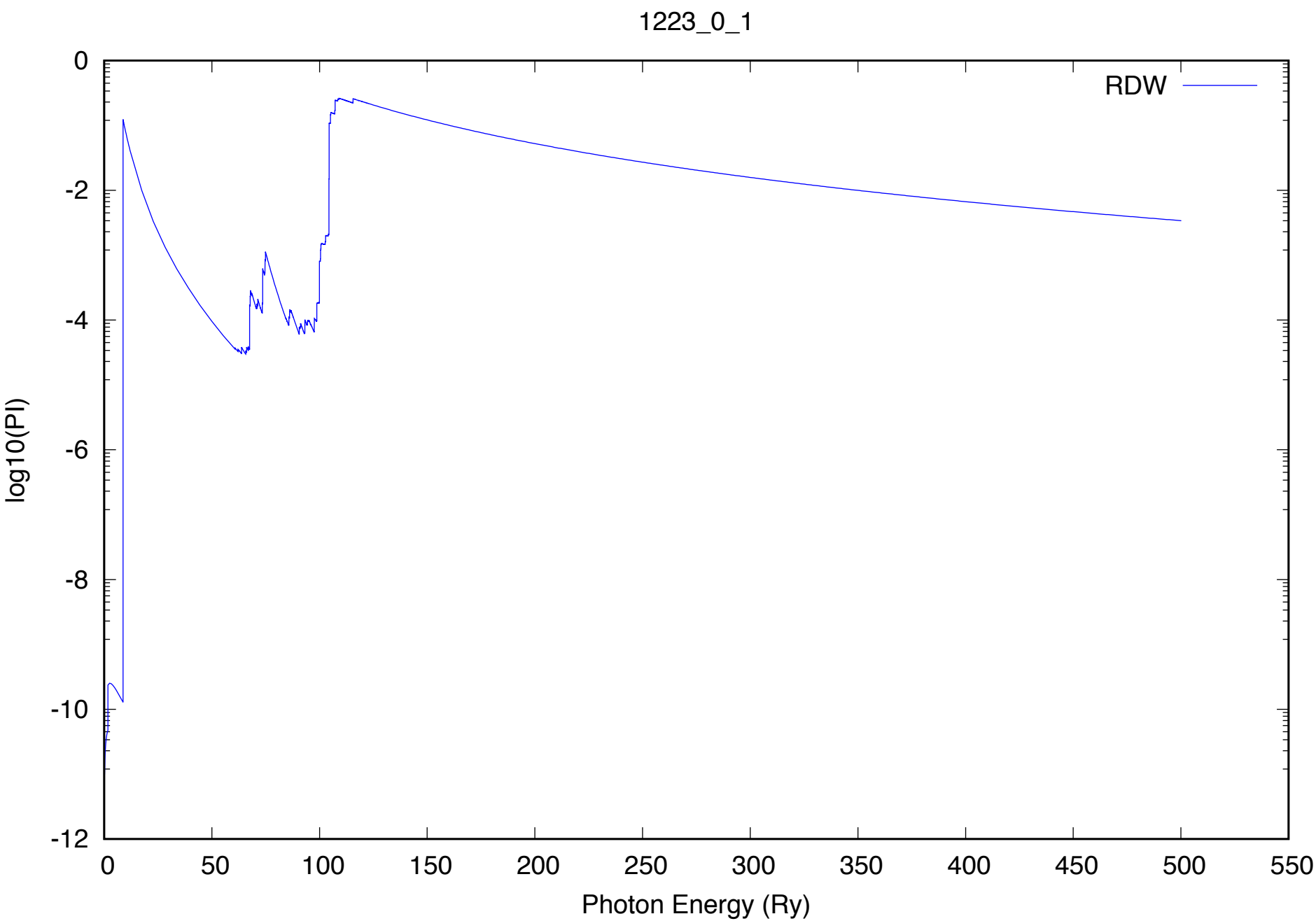
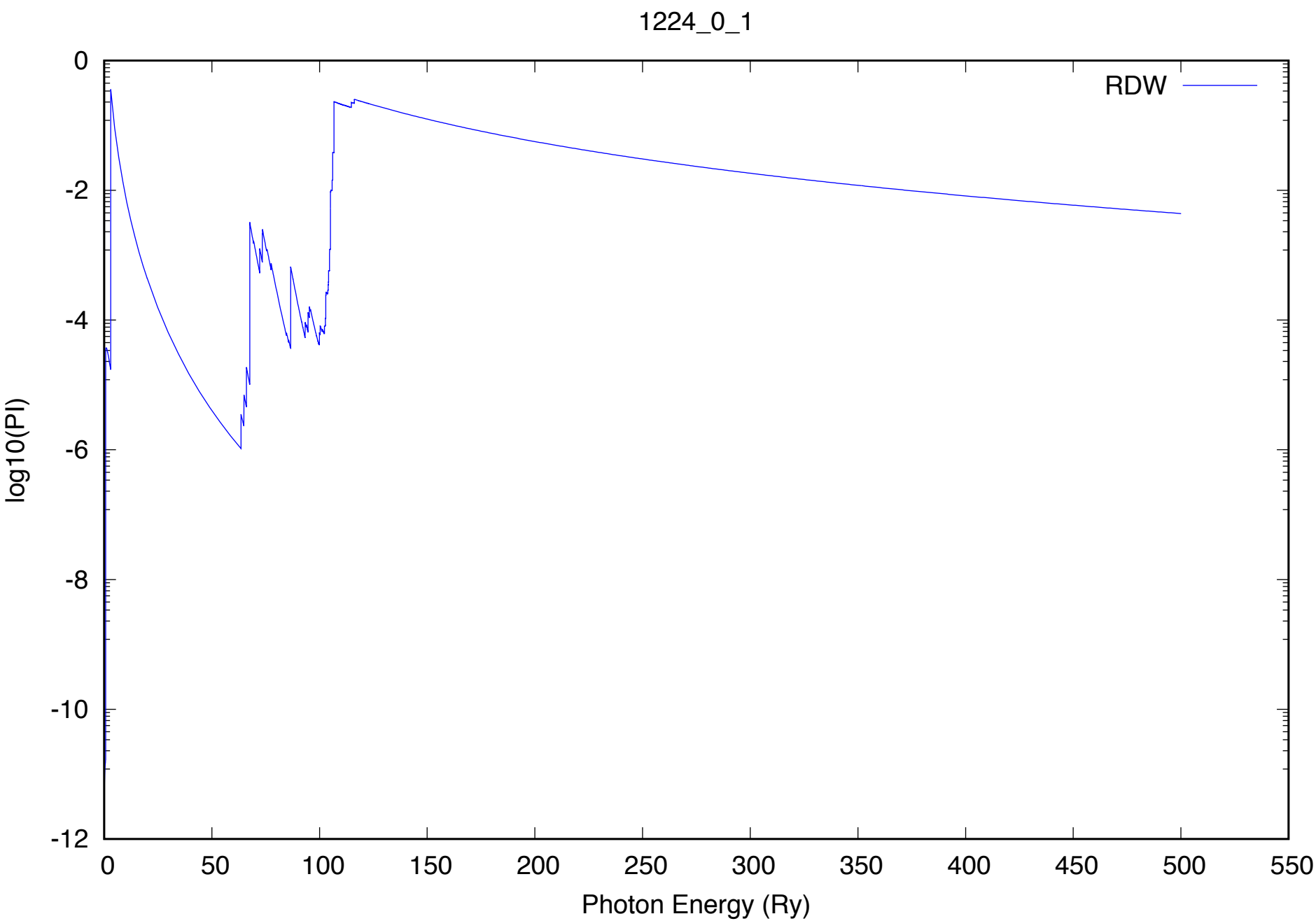
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1222_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1223_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1224_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
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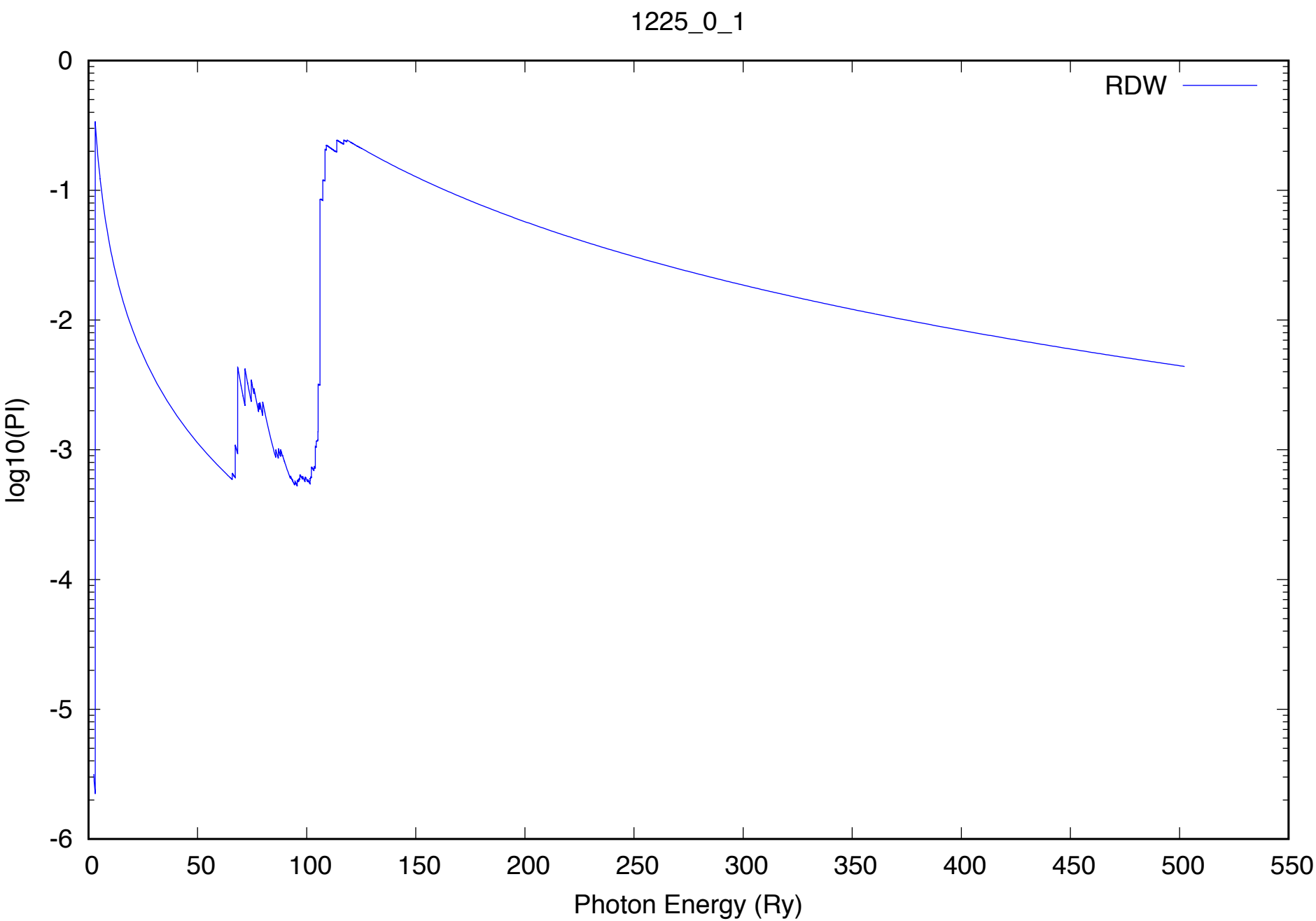
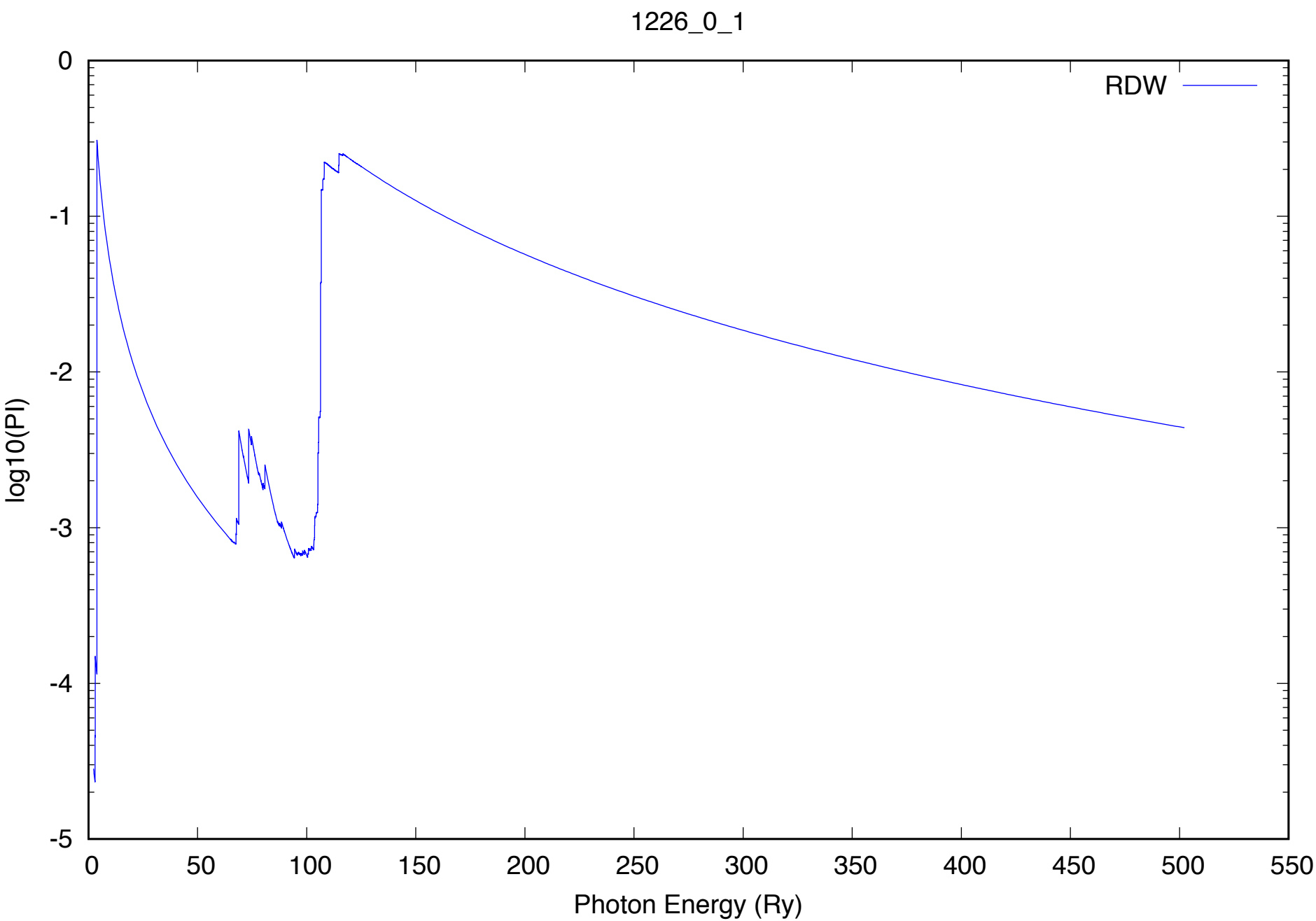
100
150
200
250
300
350
400
450
500
550


1225_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1226_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
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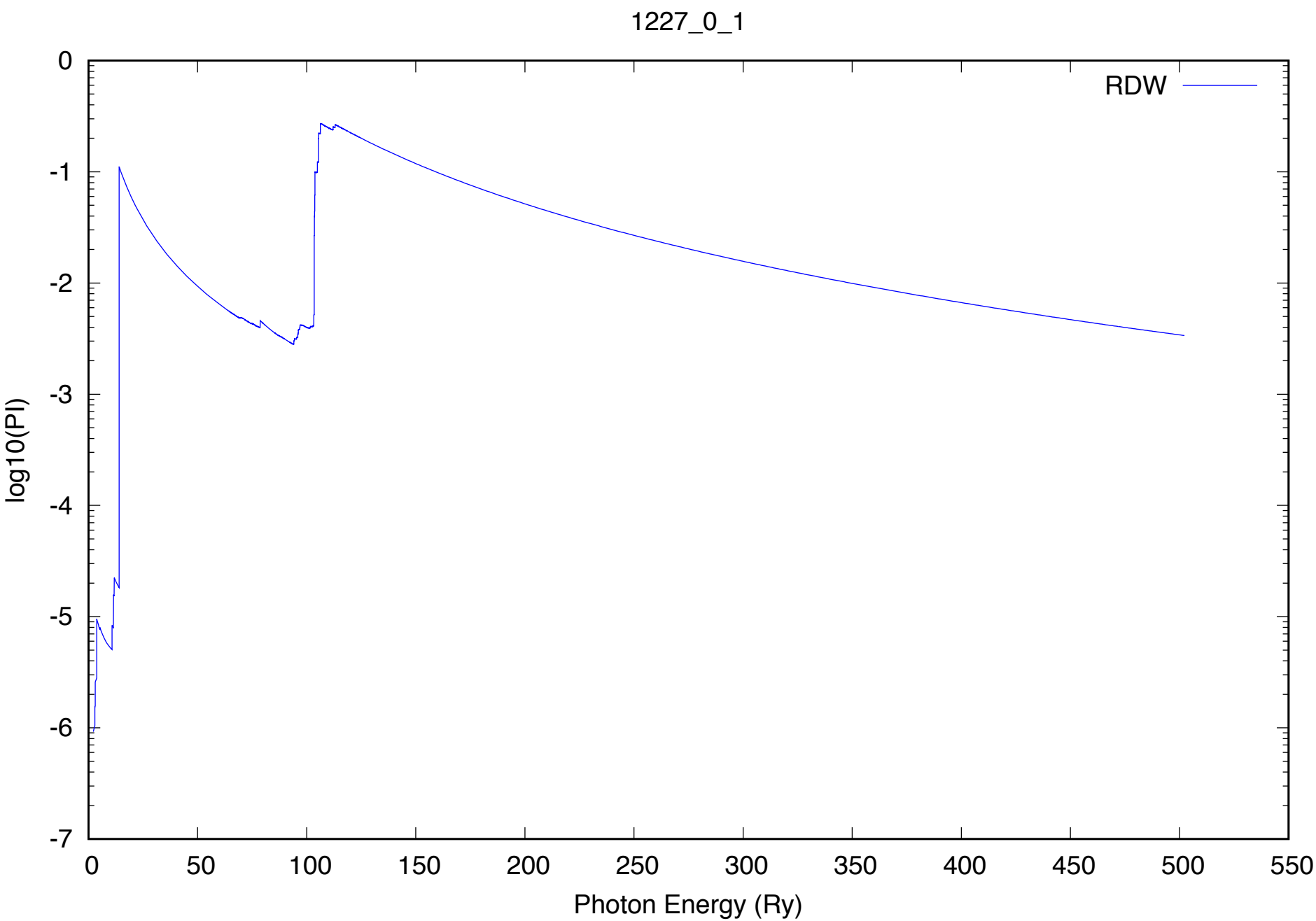
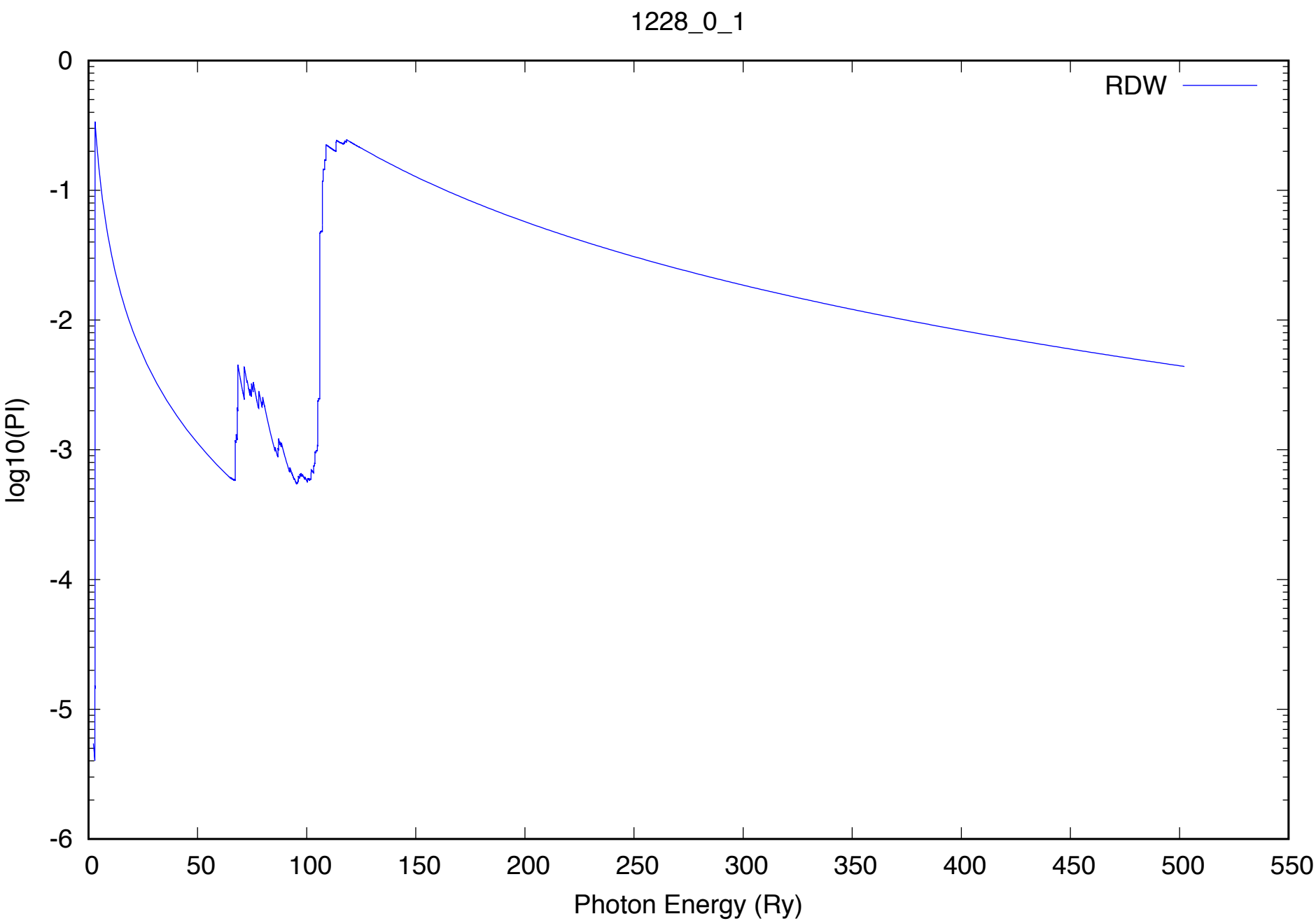
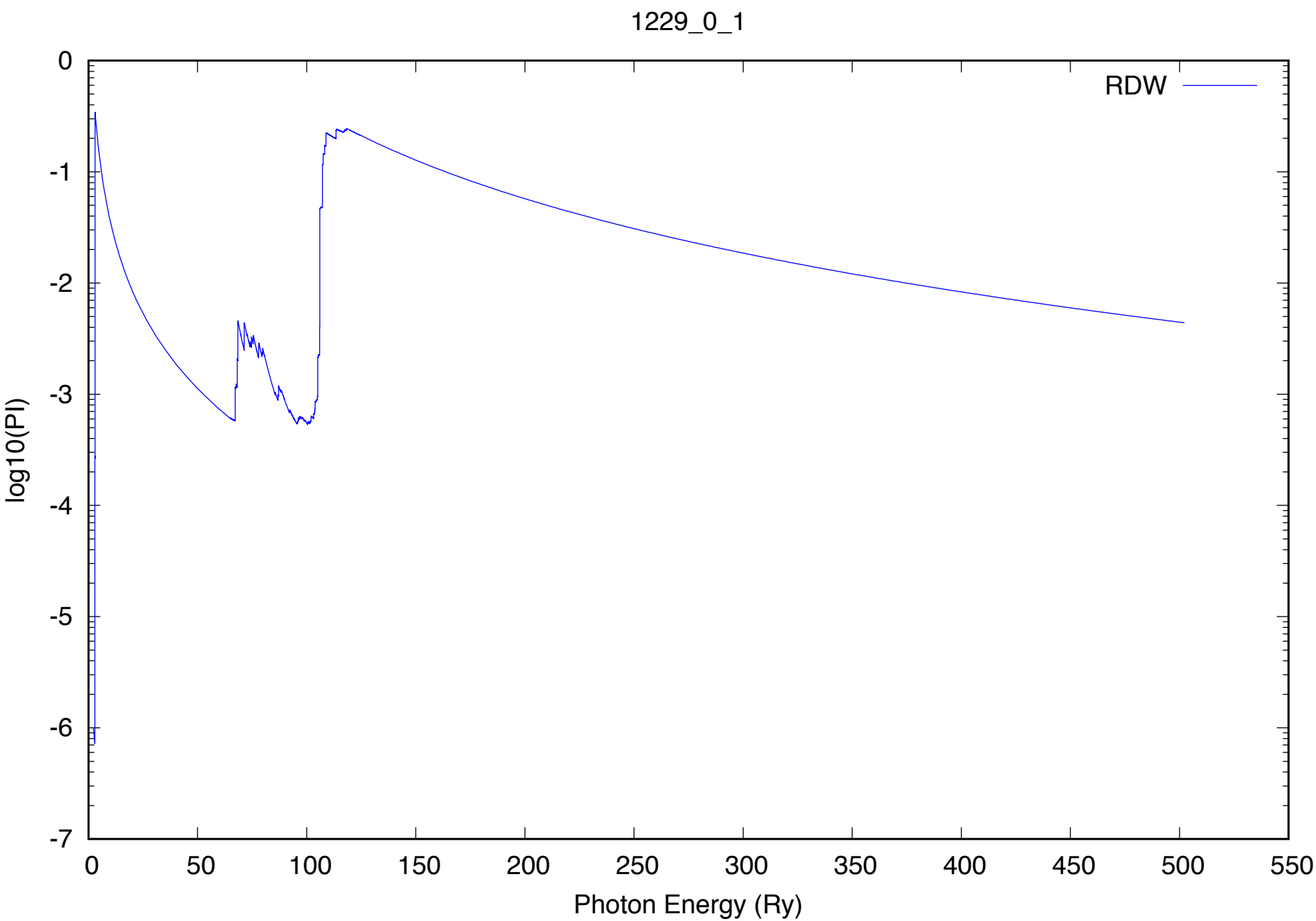
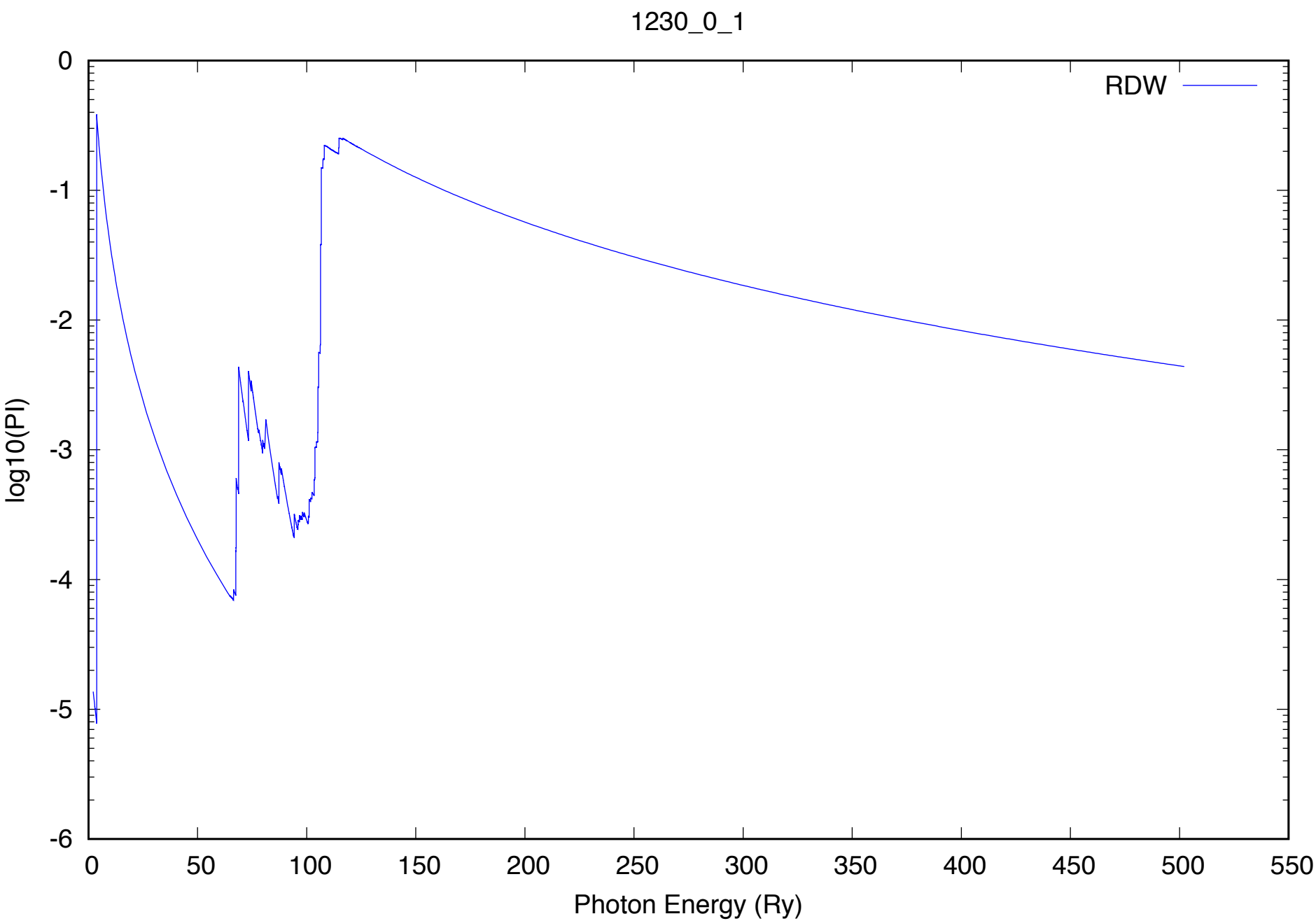
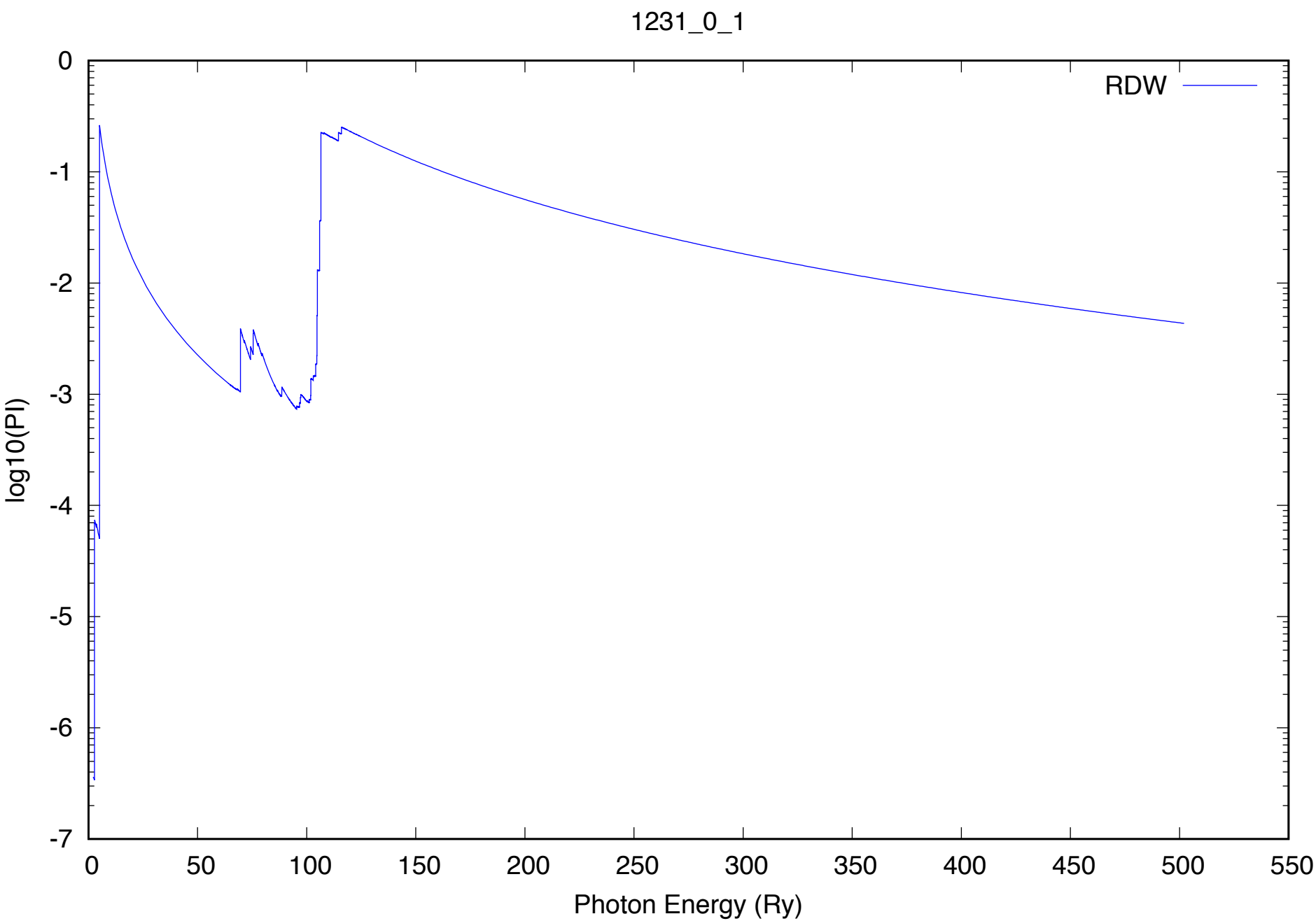
100
150
200
250
300
350
400
450
500
550

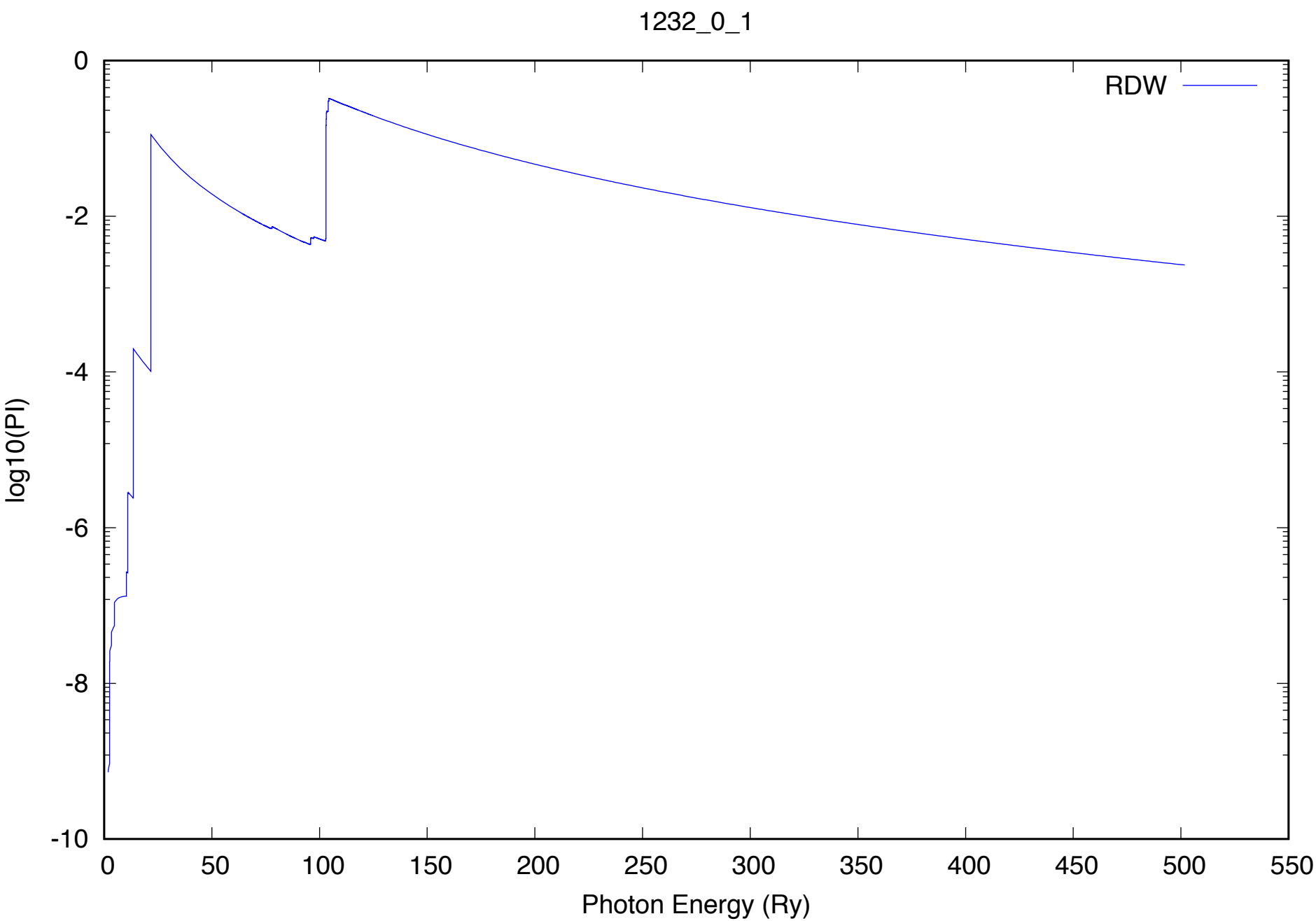

1227_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

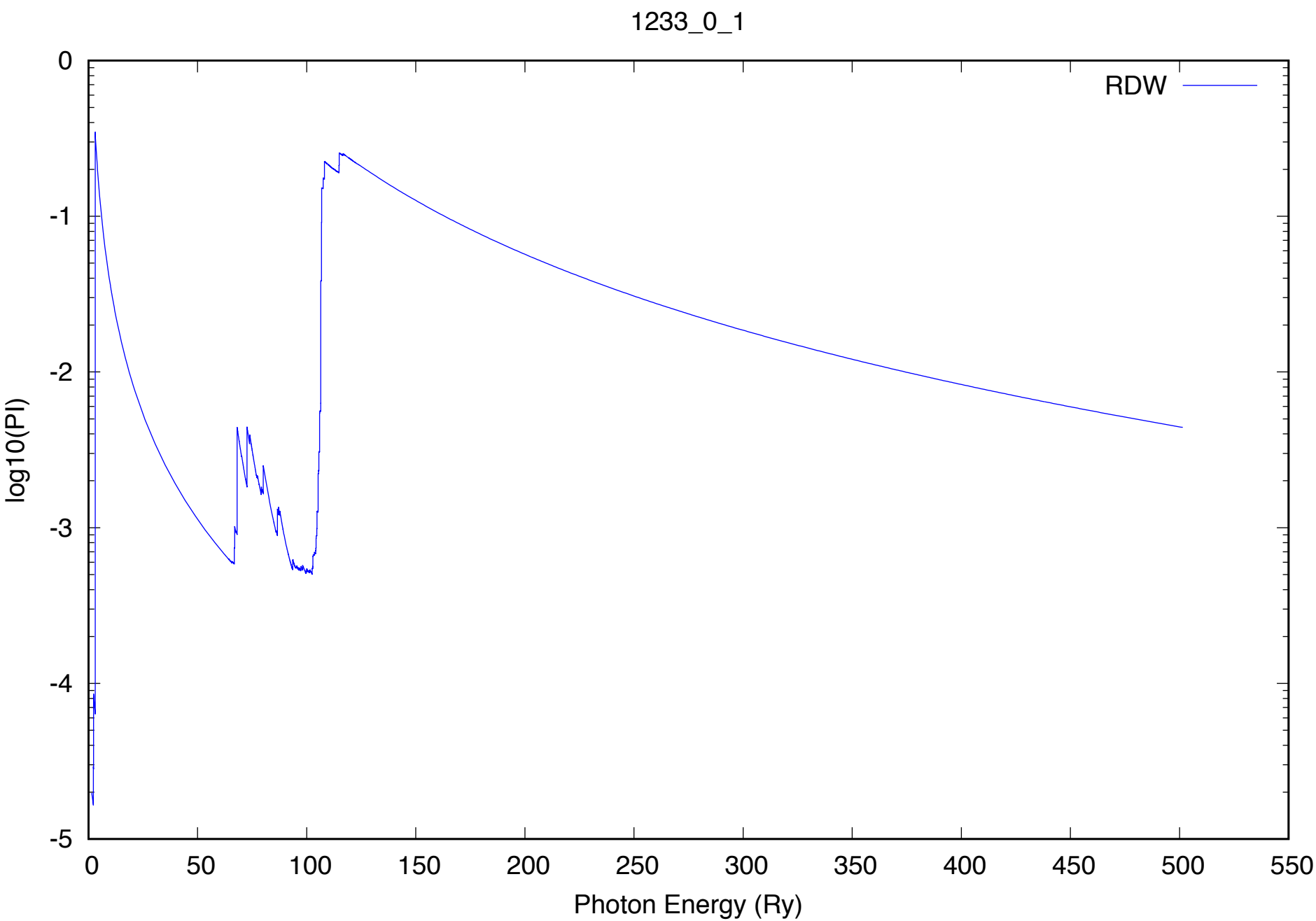

1228_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

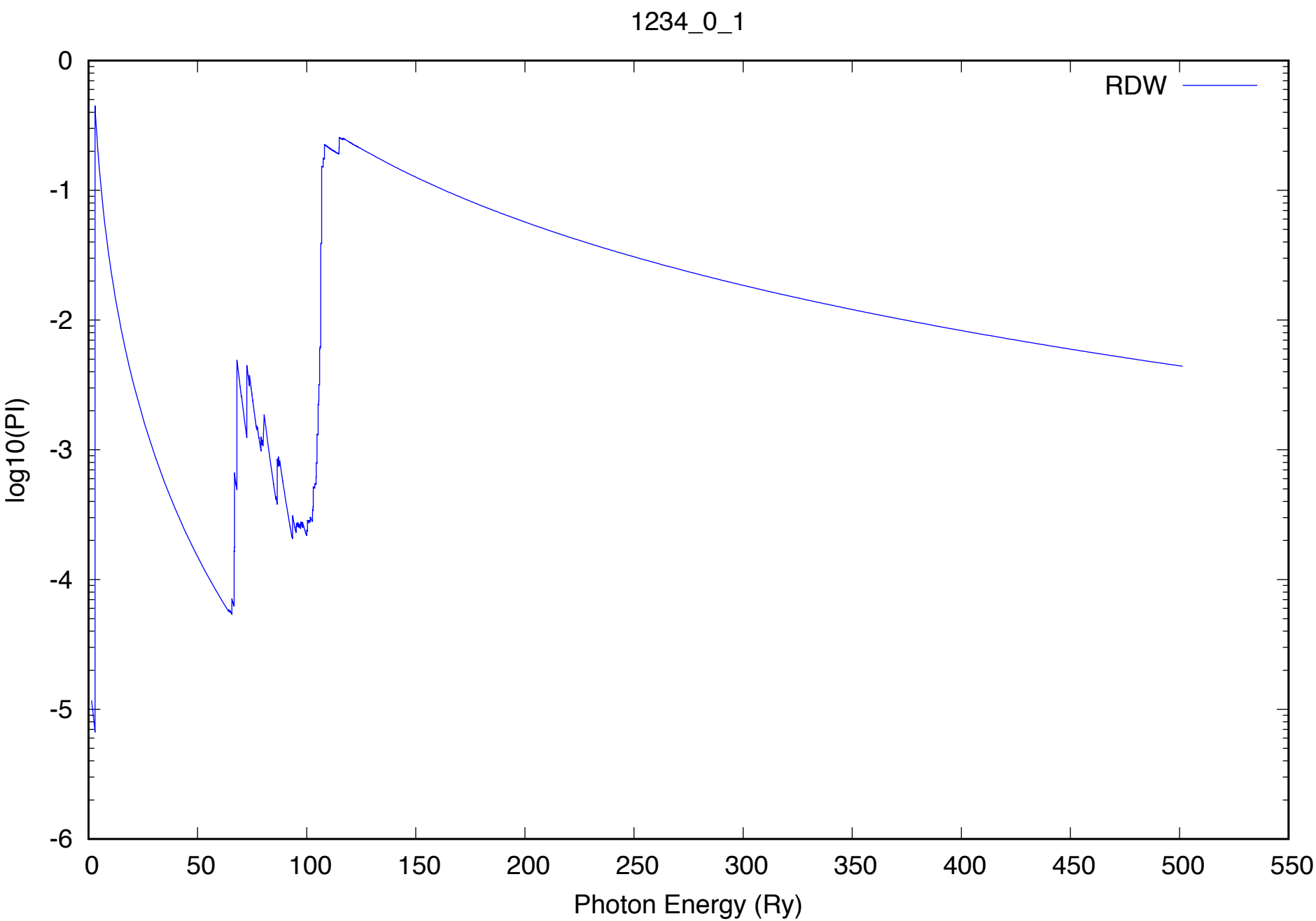

1229_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1230_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1231_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1232_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1233_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500
550


1234_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
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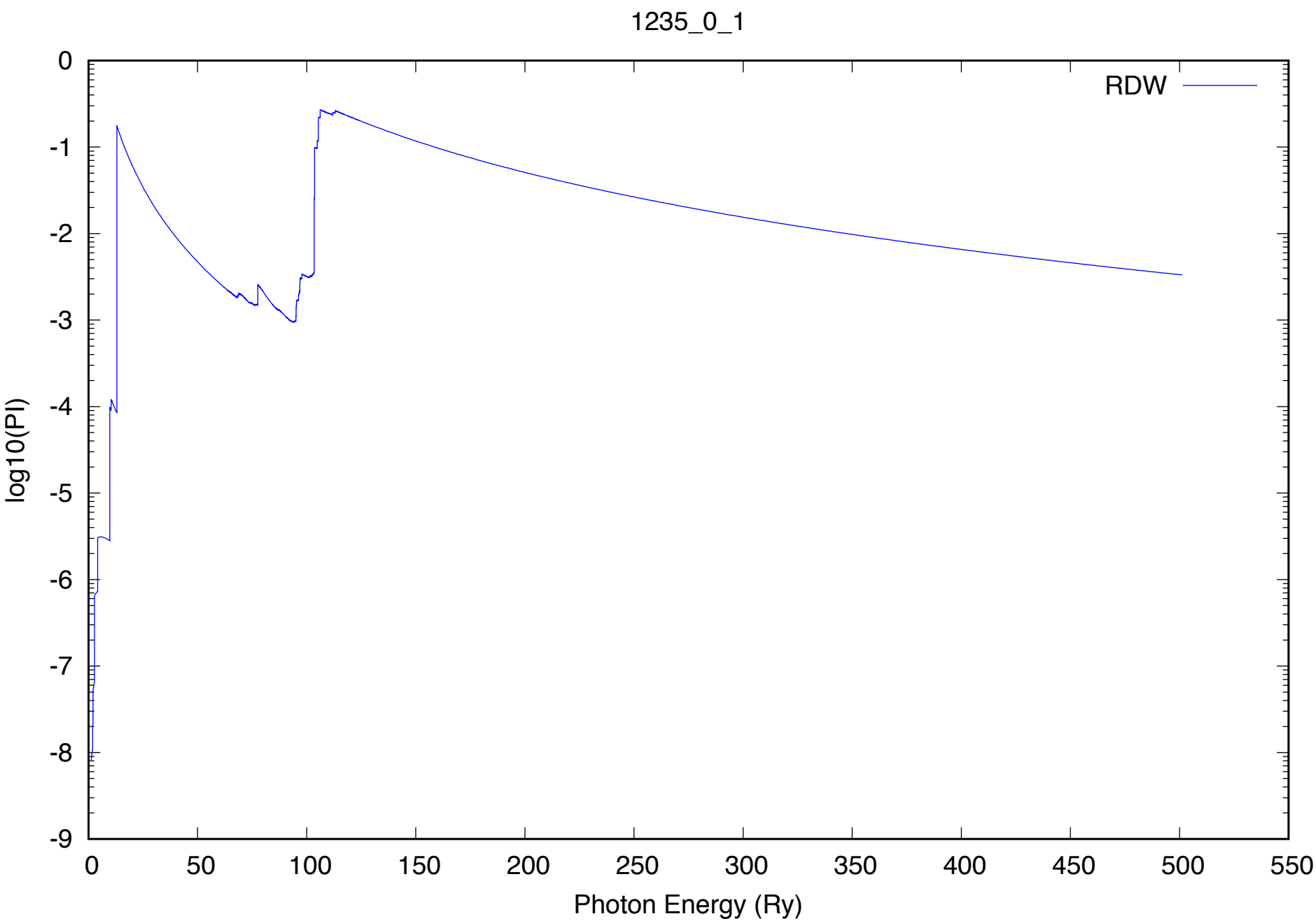
1235_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
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200
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500
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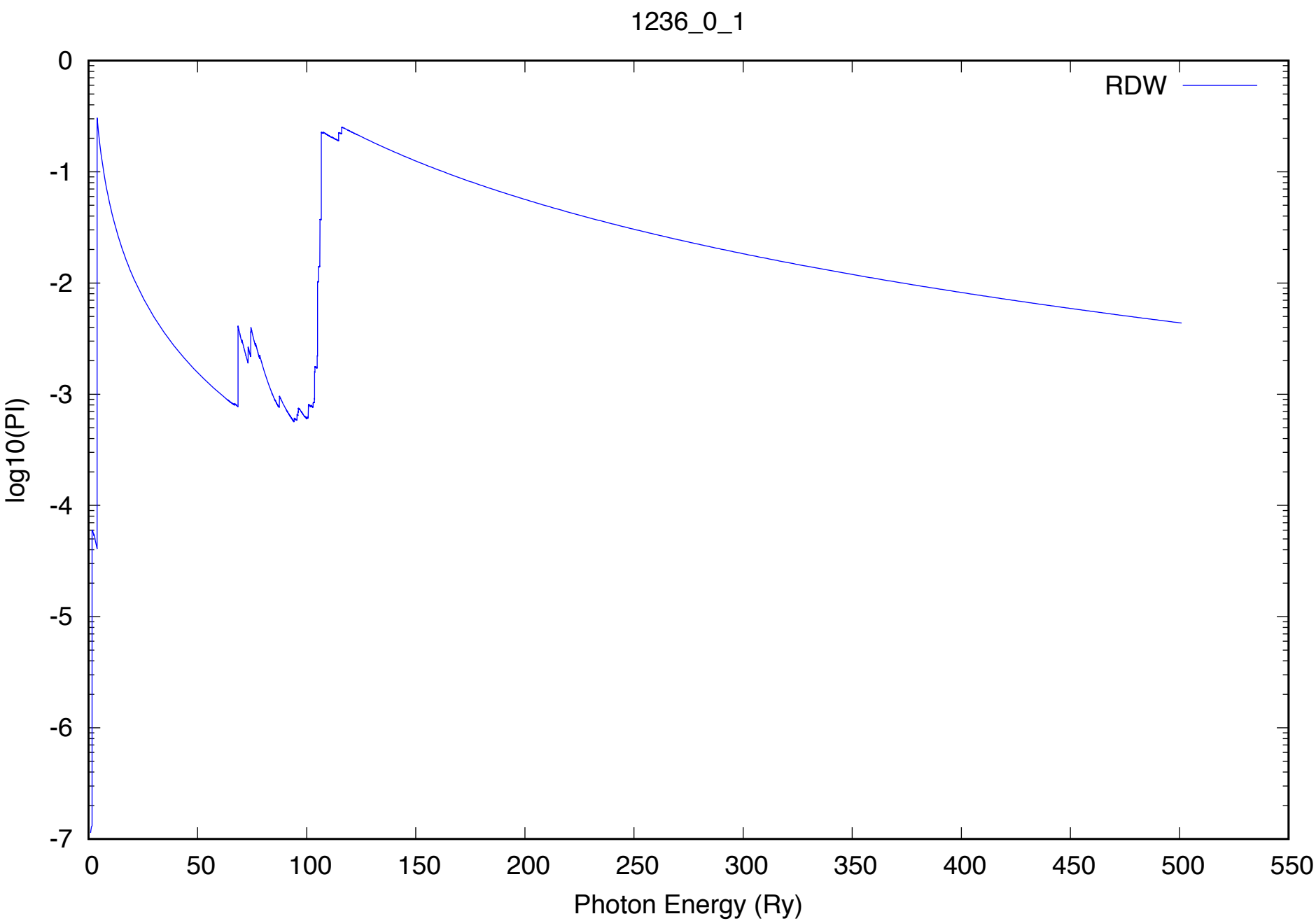
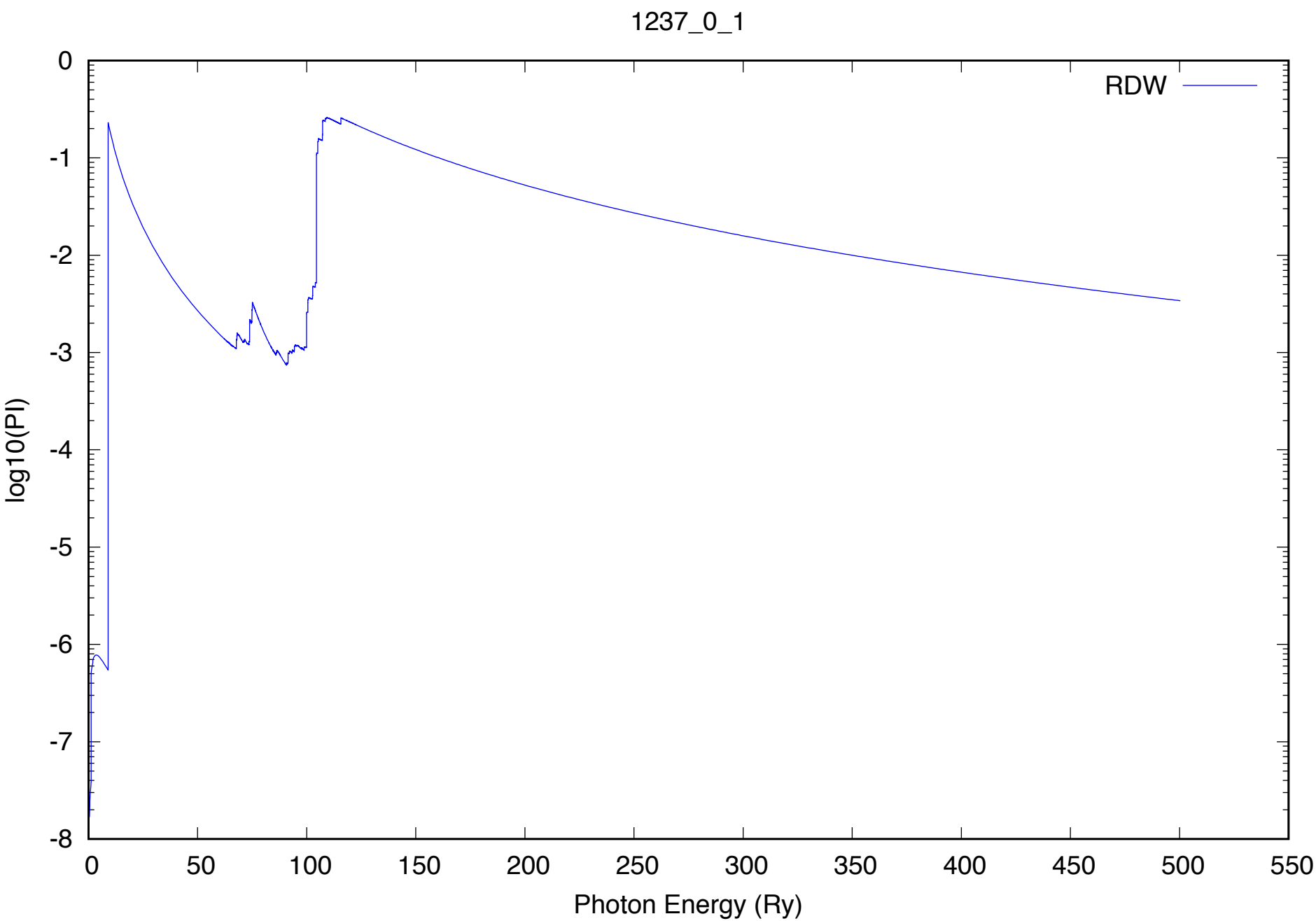

1236_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1237_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
-8
0
50
100
150
200
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300
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400
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500
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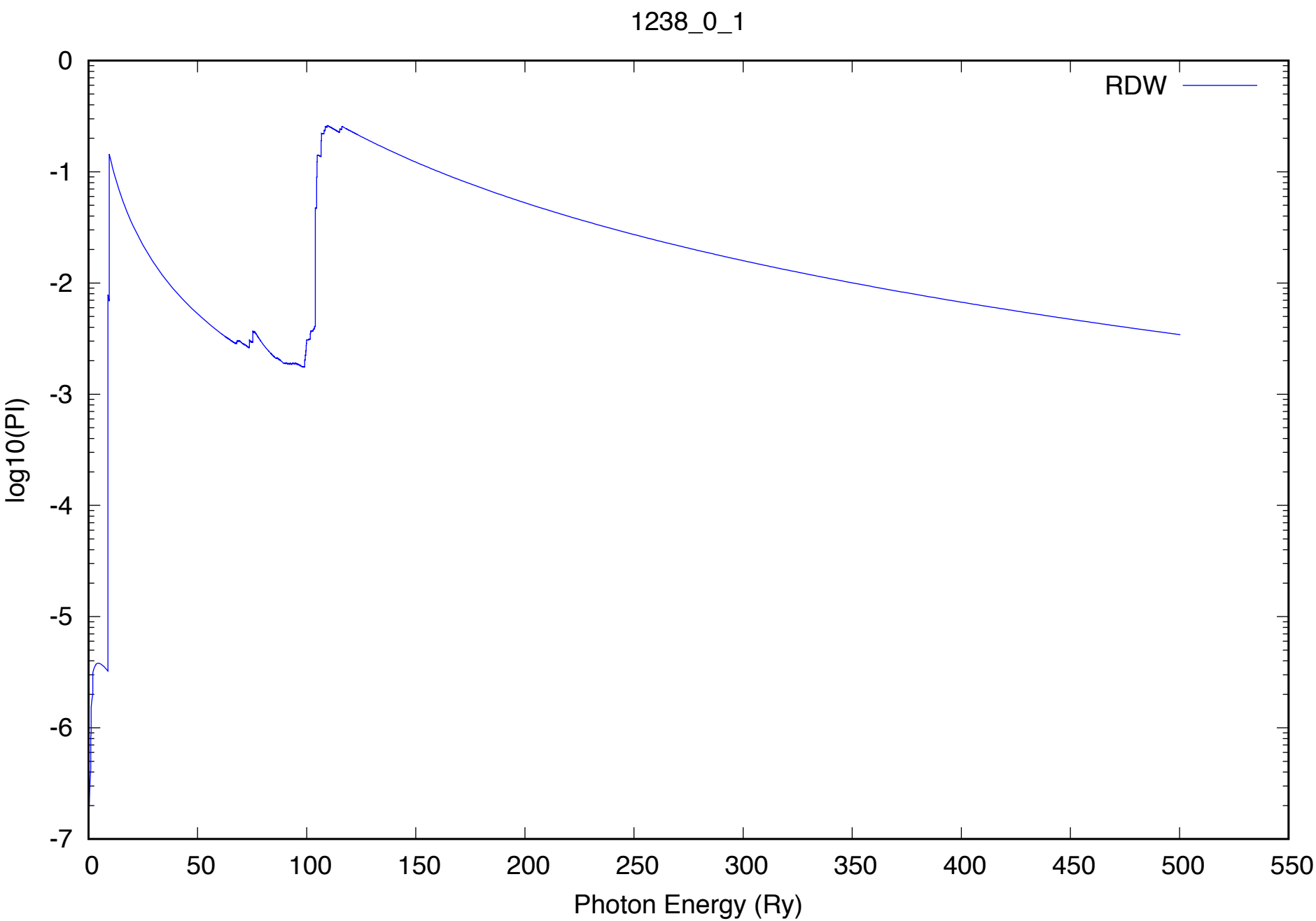
1238_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
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300
350
400
450
500
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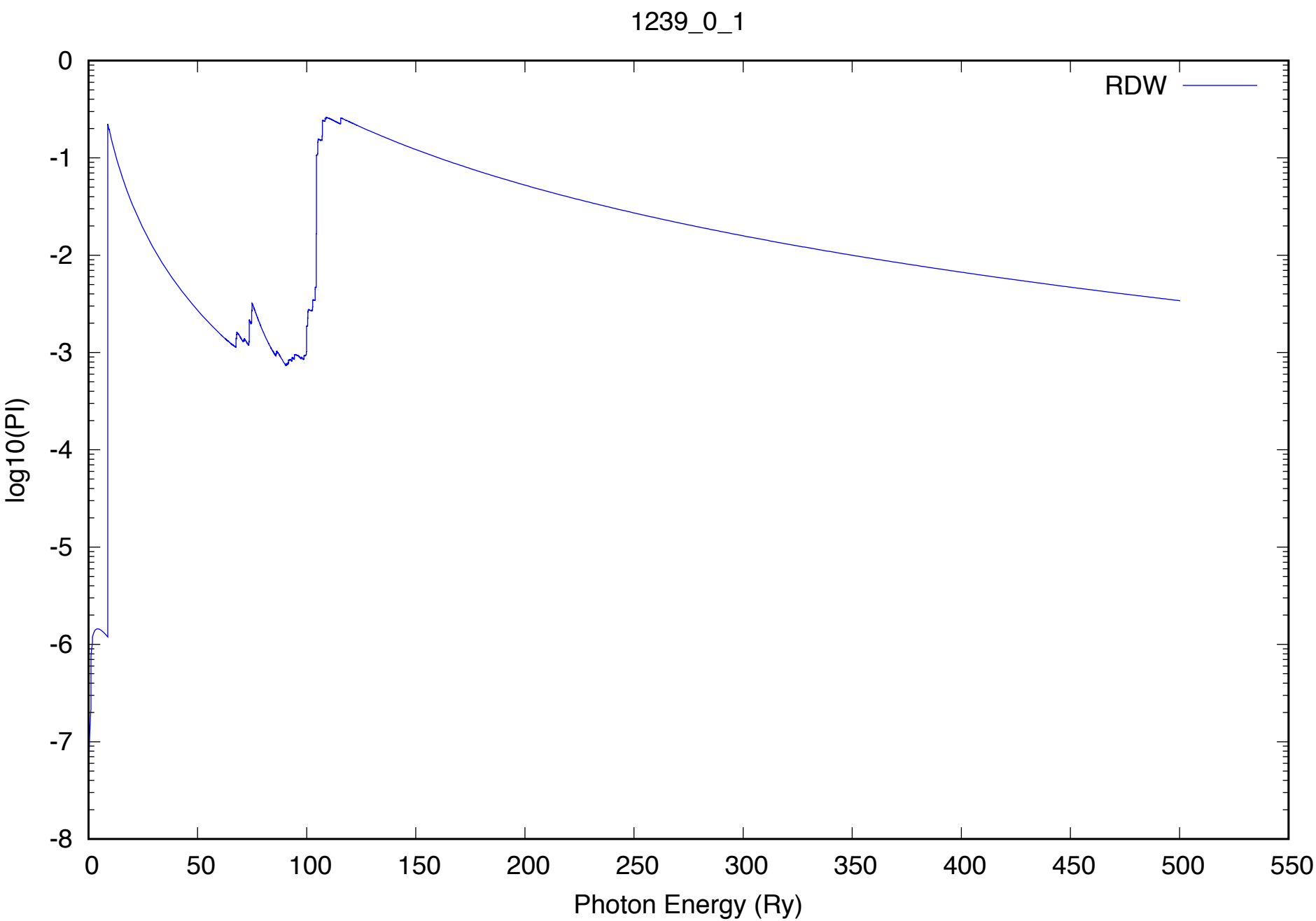
1239_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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100
150
200
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300
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400
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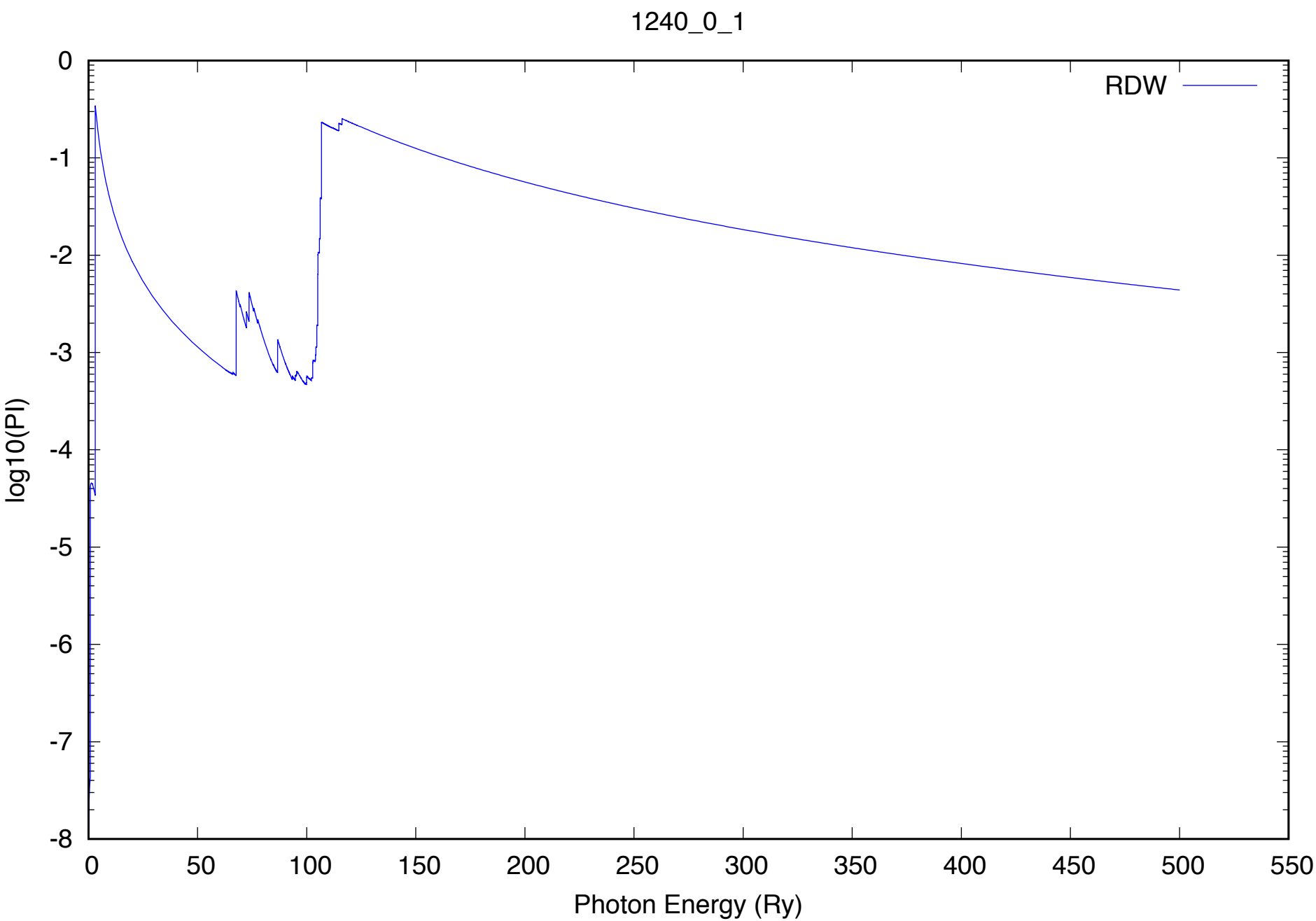
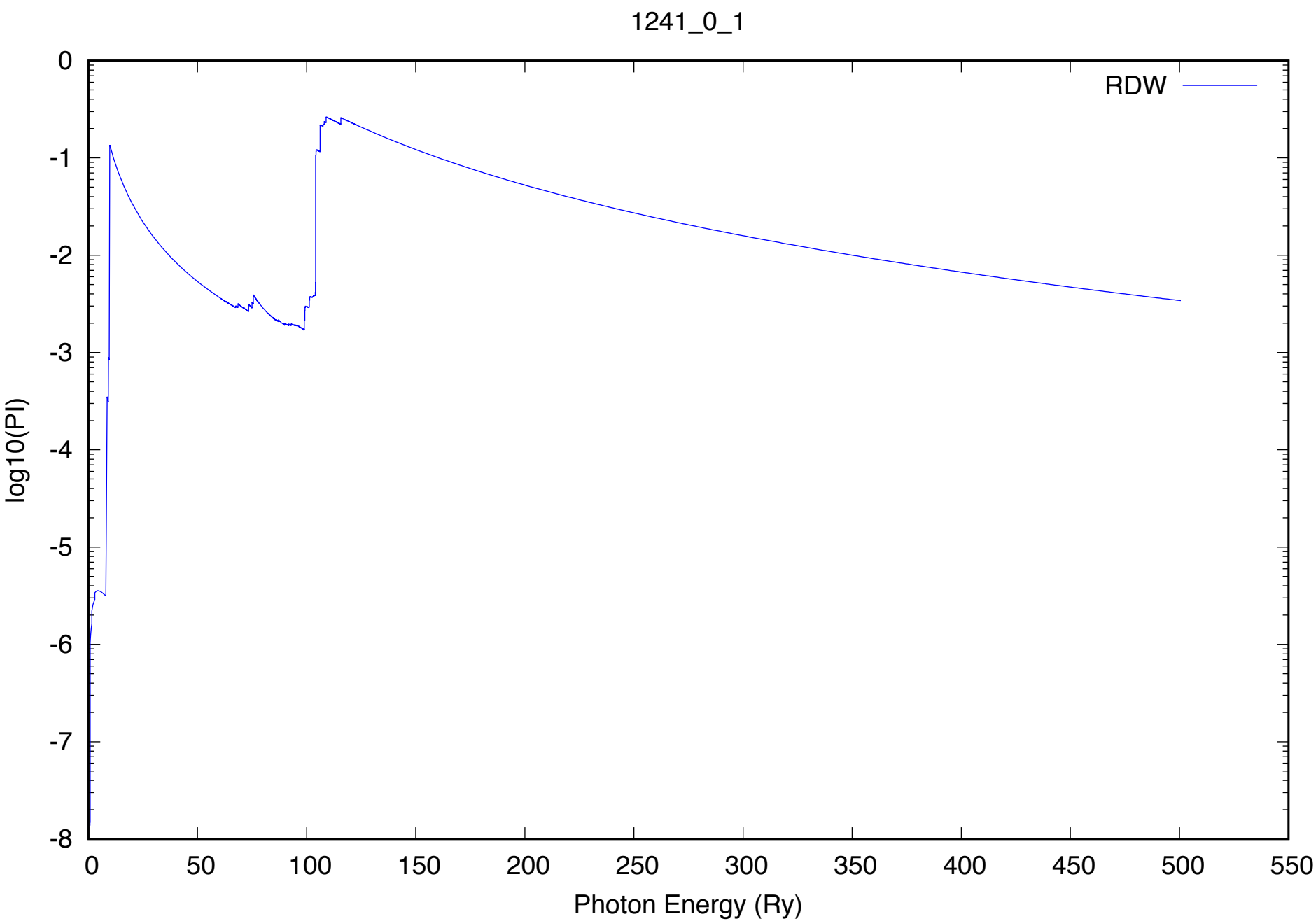
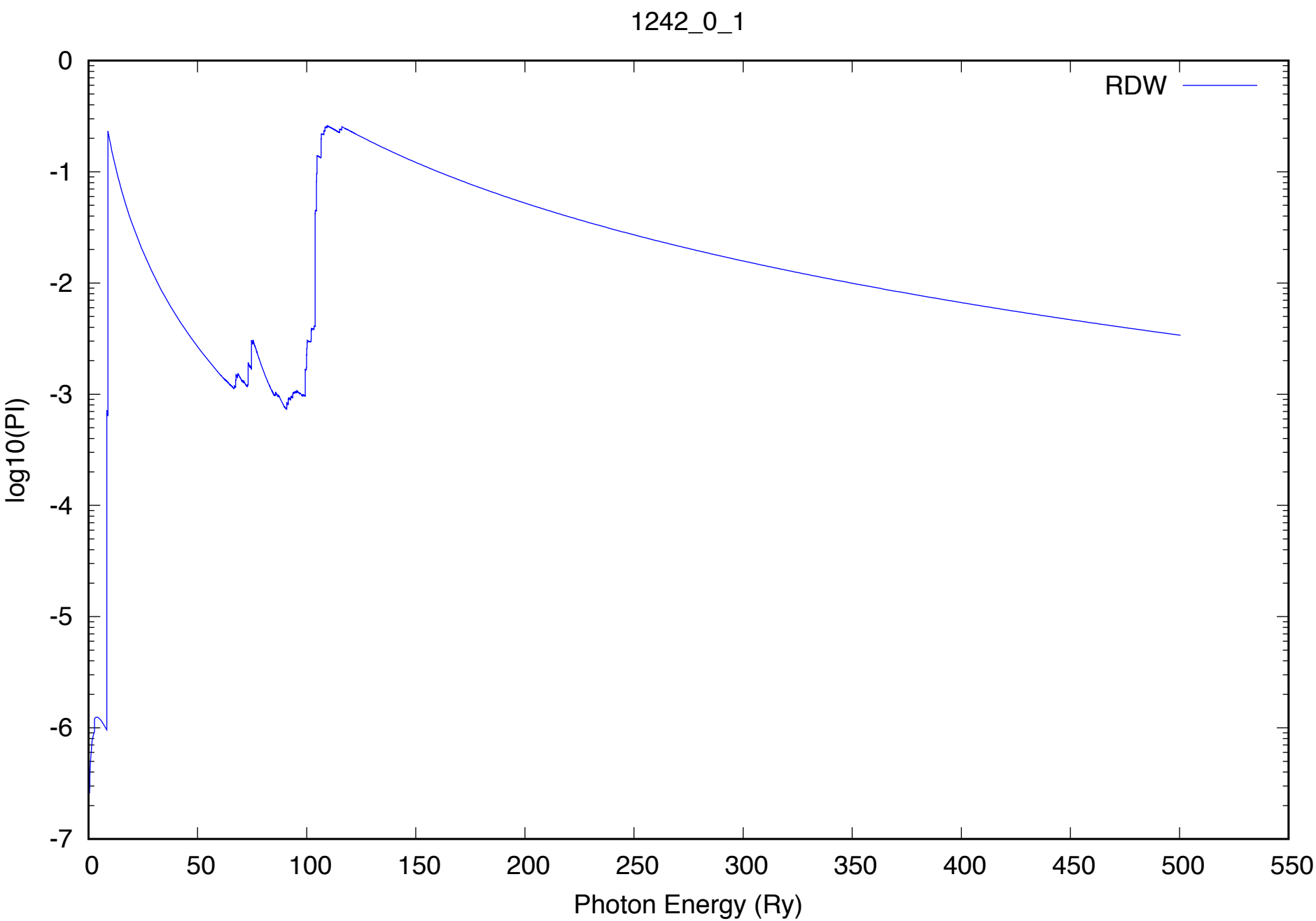
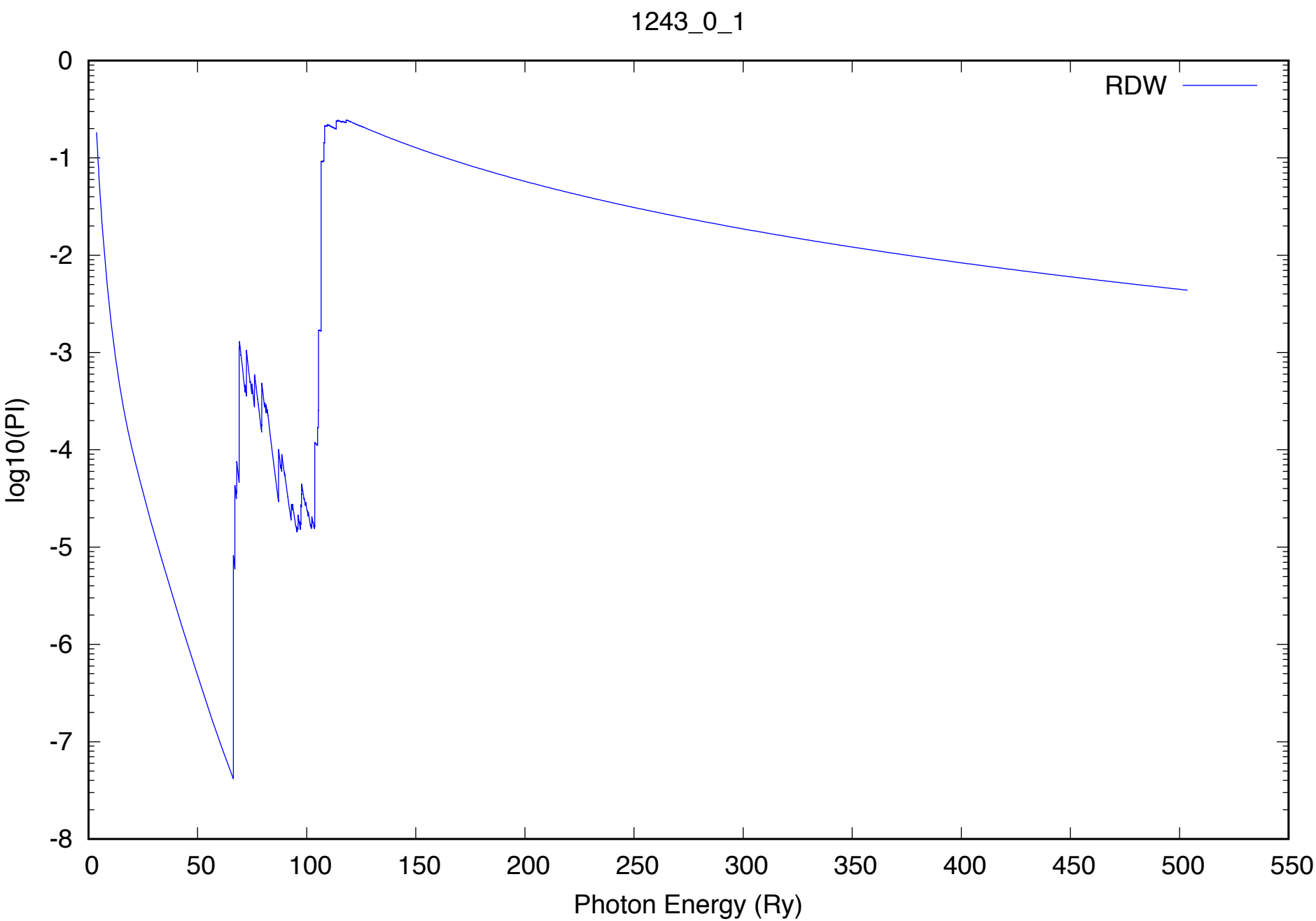
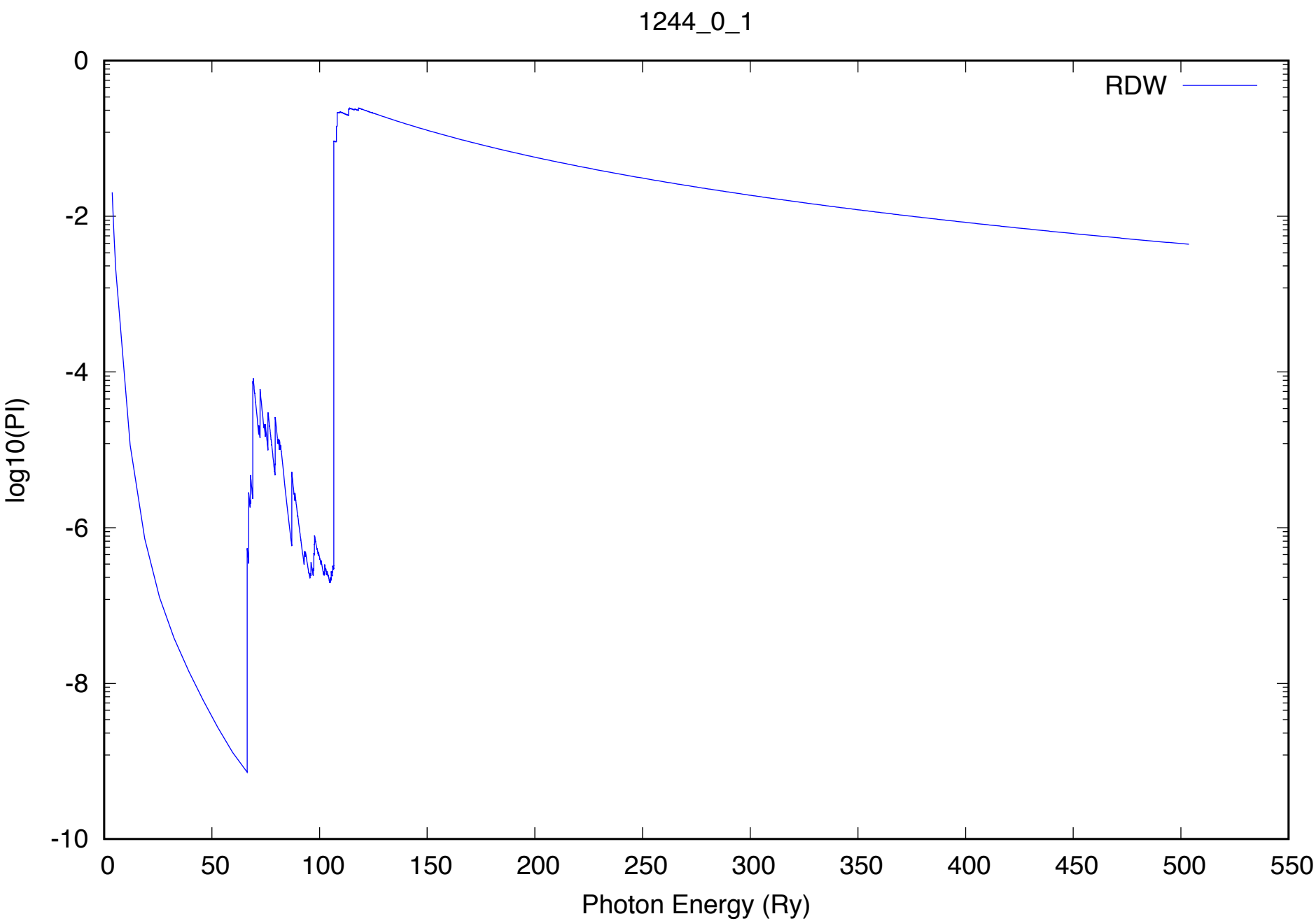
500
550

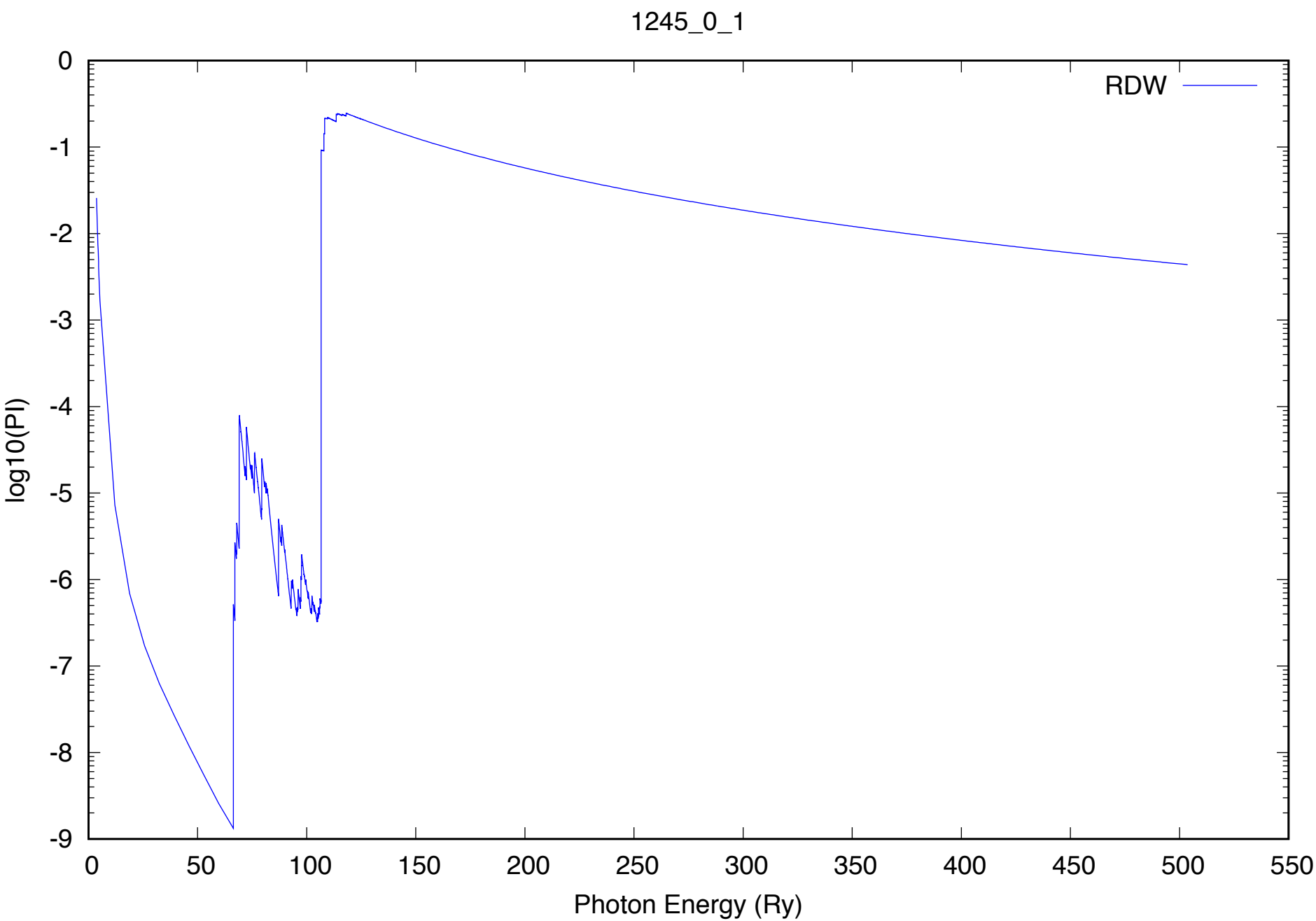

1240_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

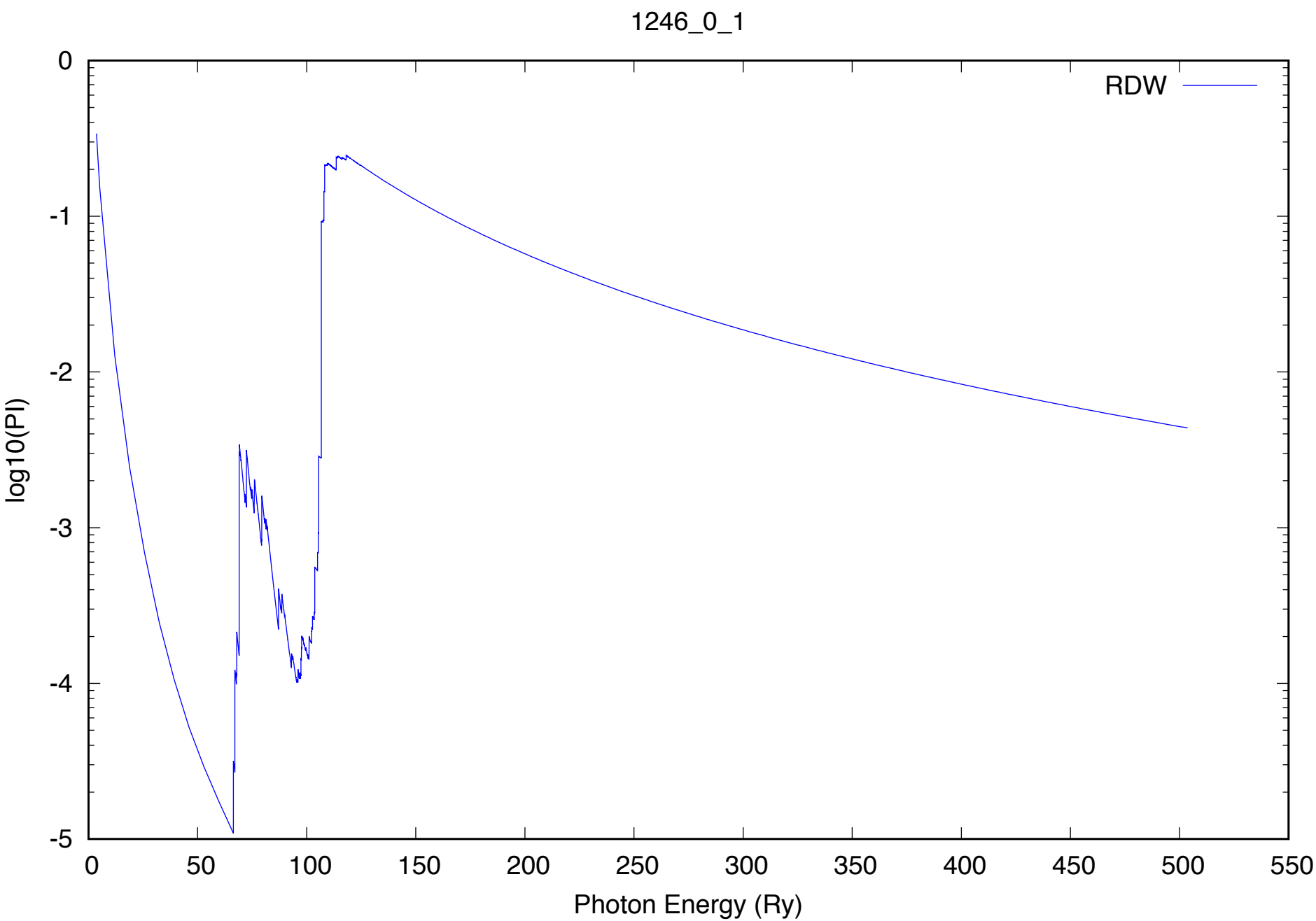

1241_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

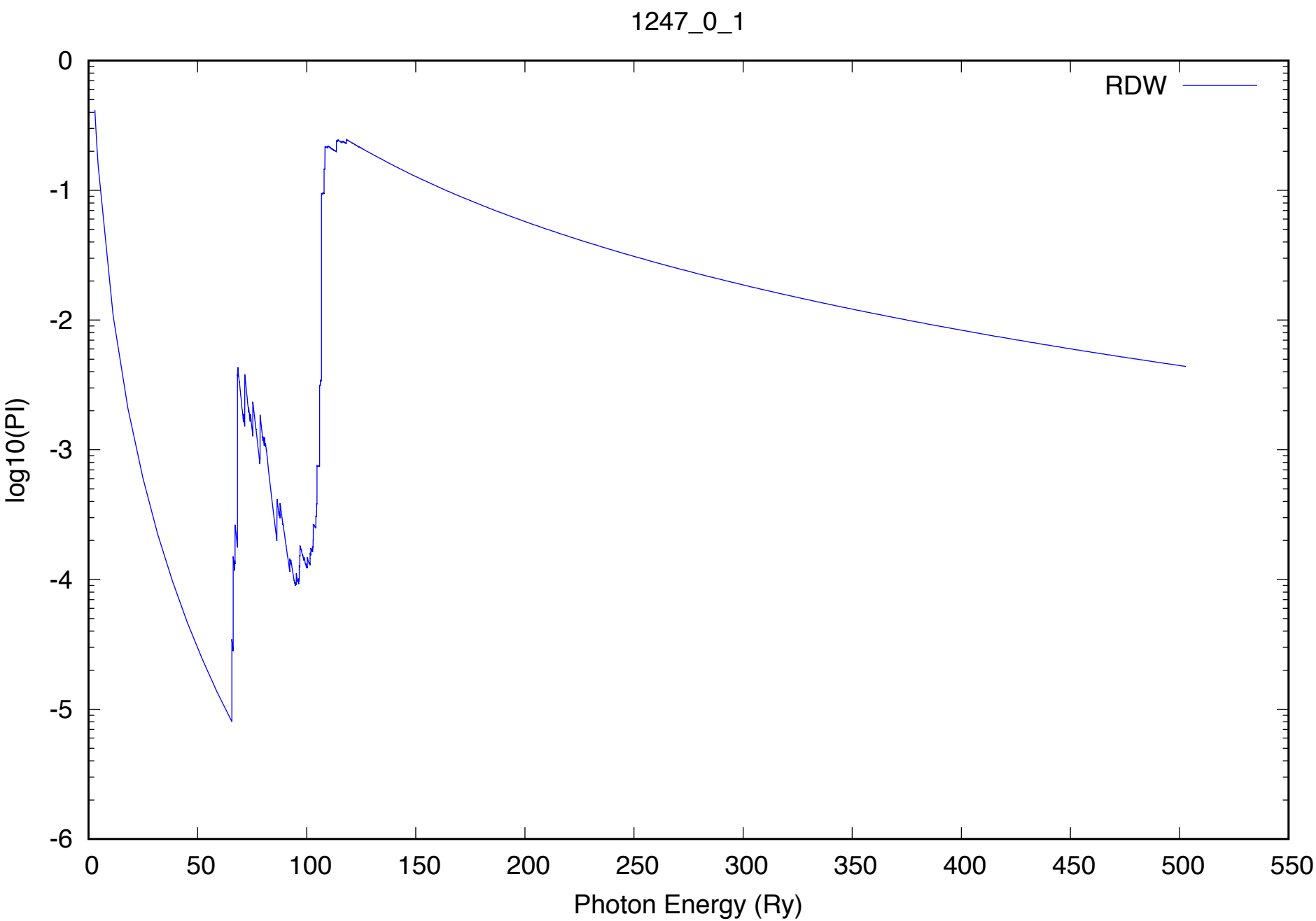

1242_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

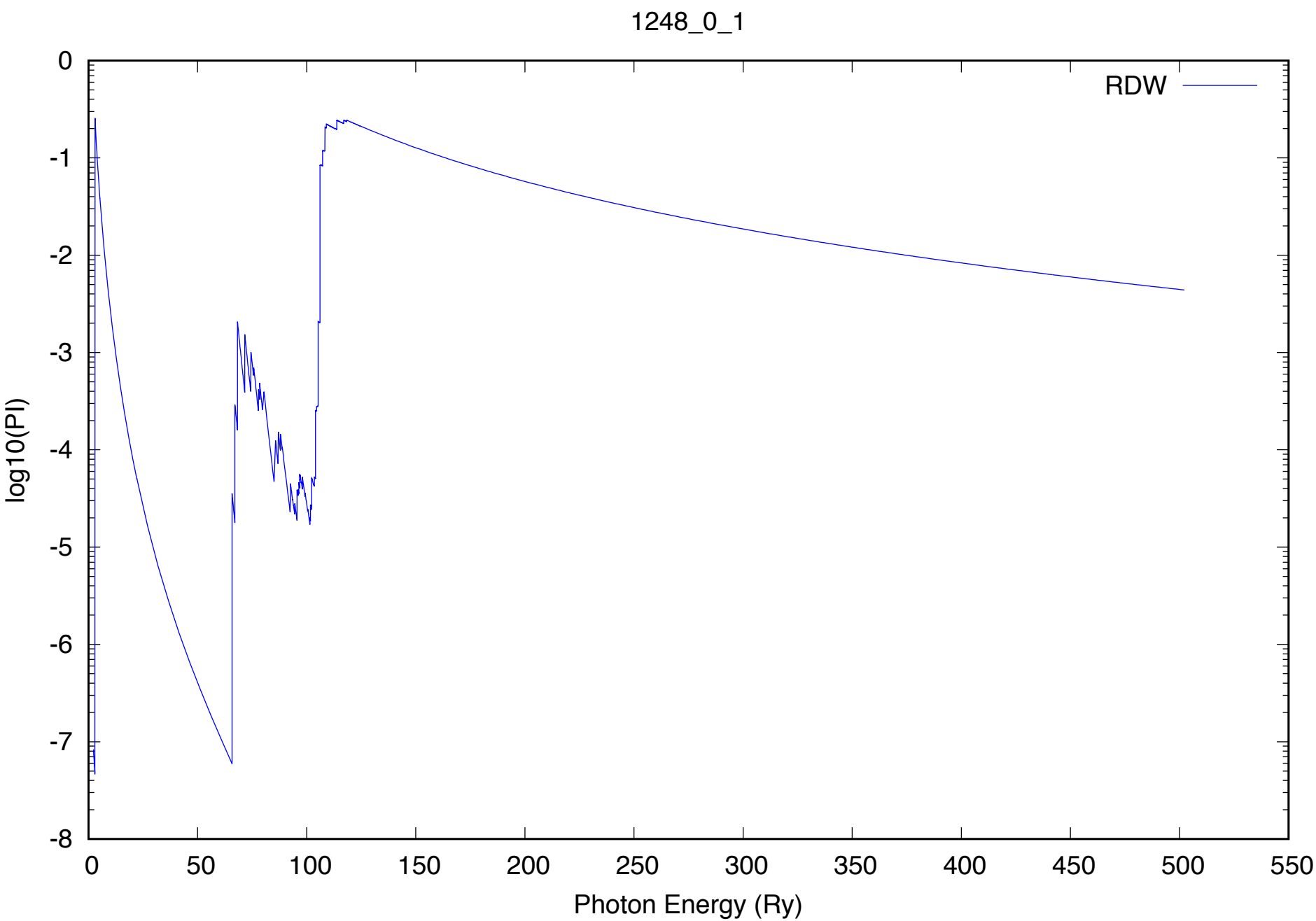

1243_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

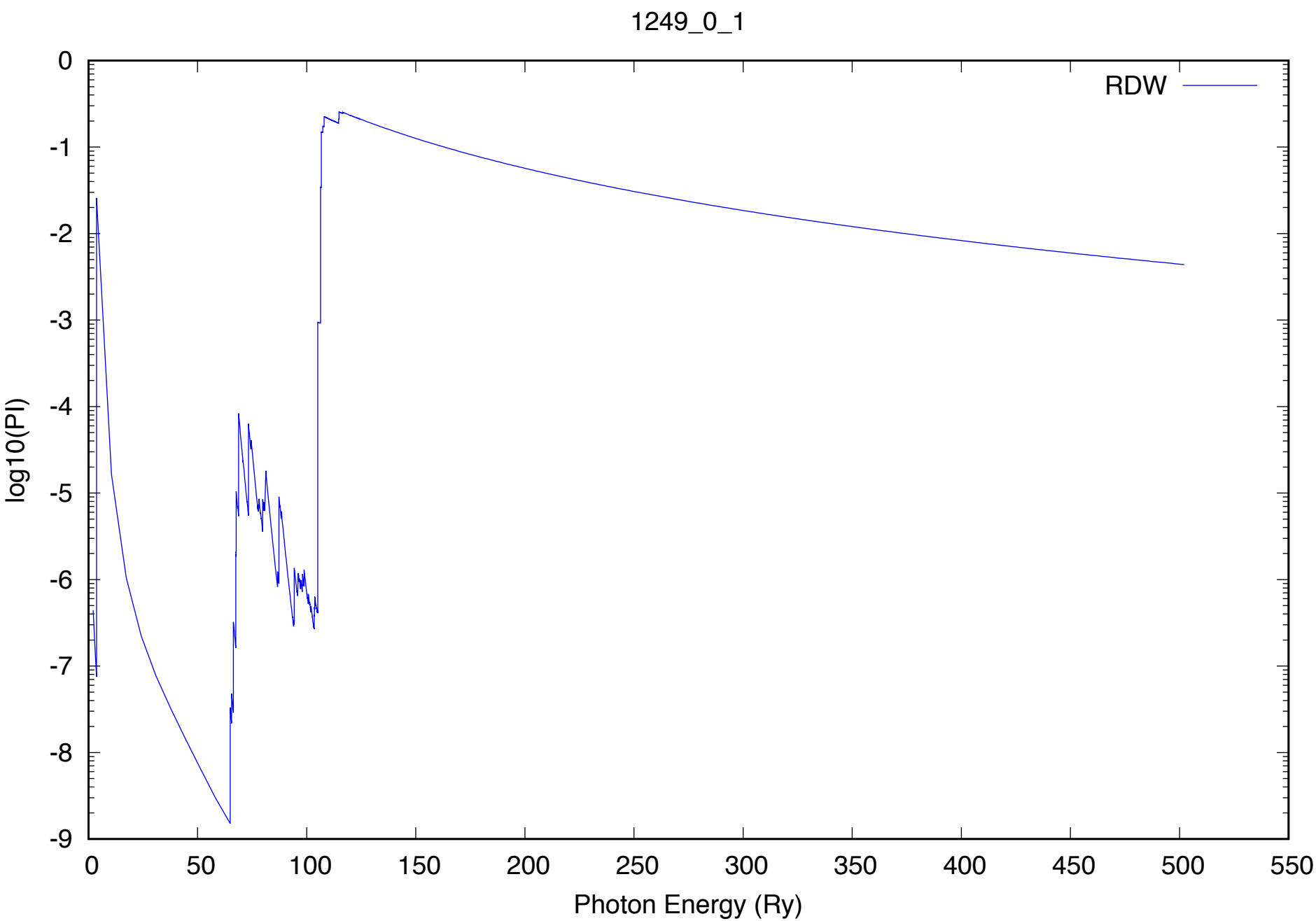

1244_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

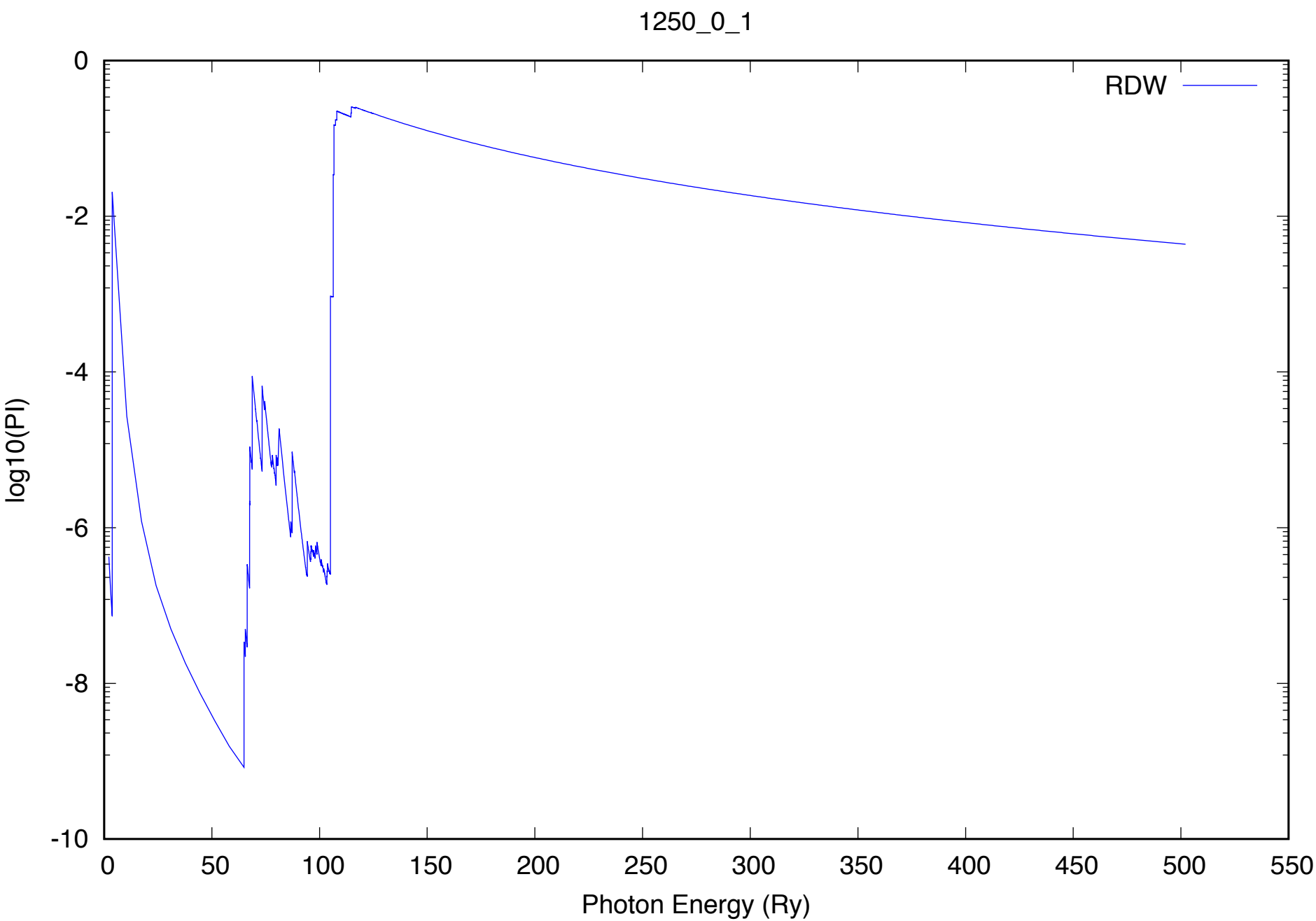

1245_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1246_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500
550


1247_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1248_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1249_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1250_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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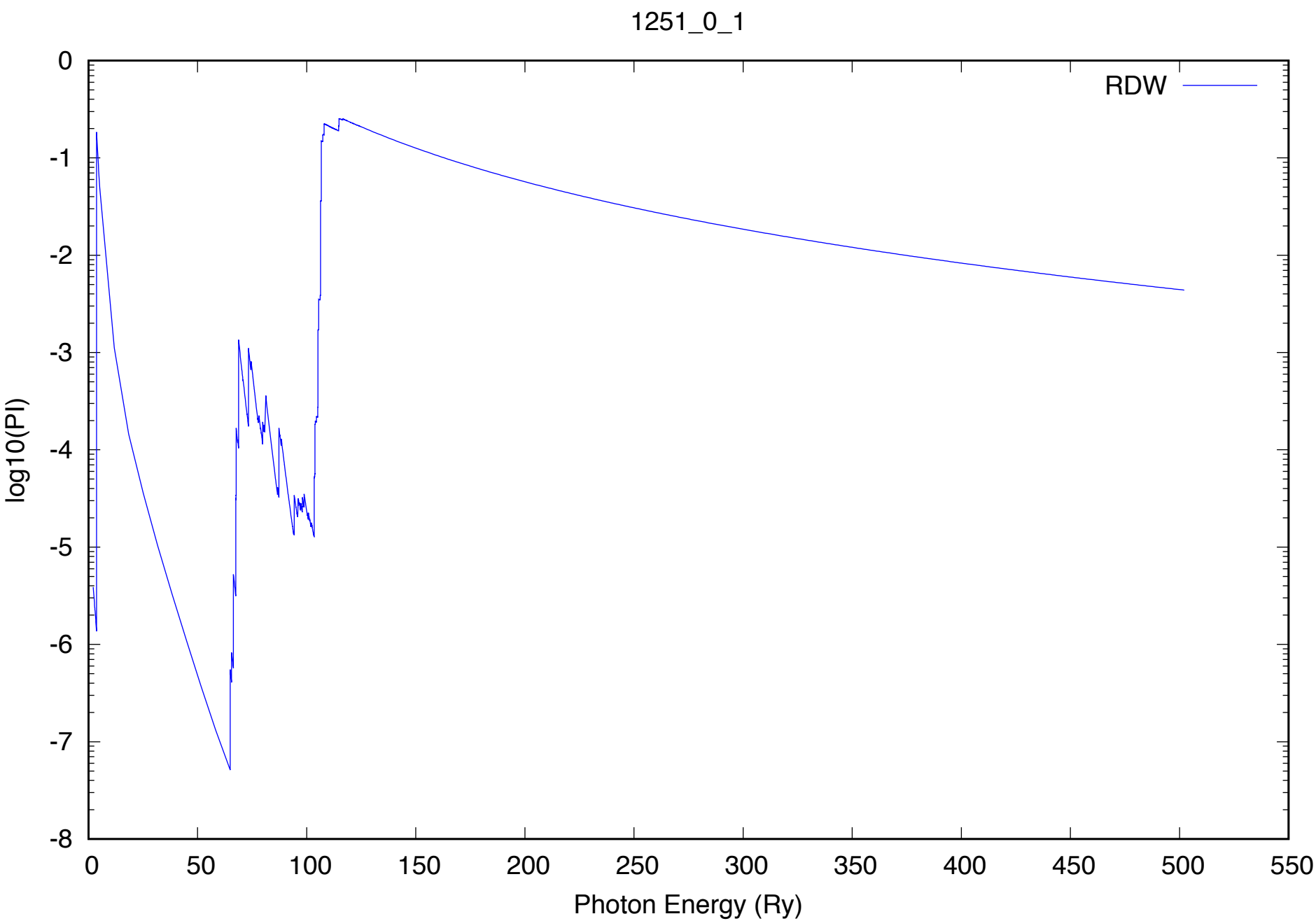
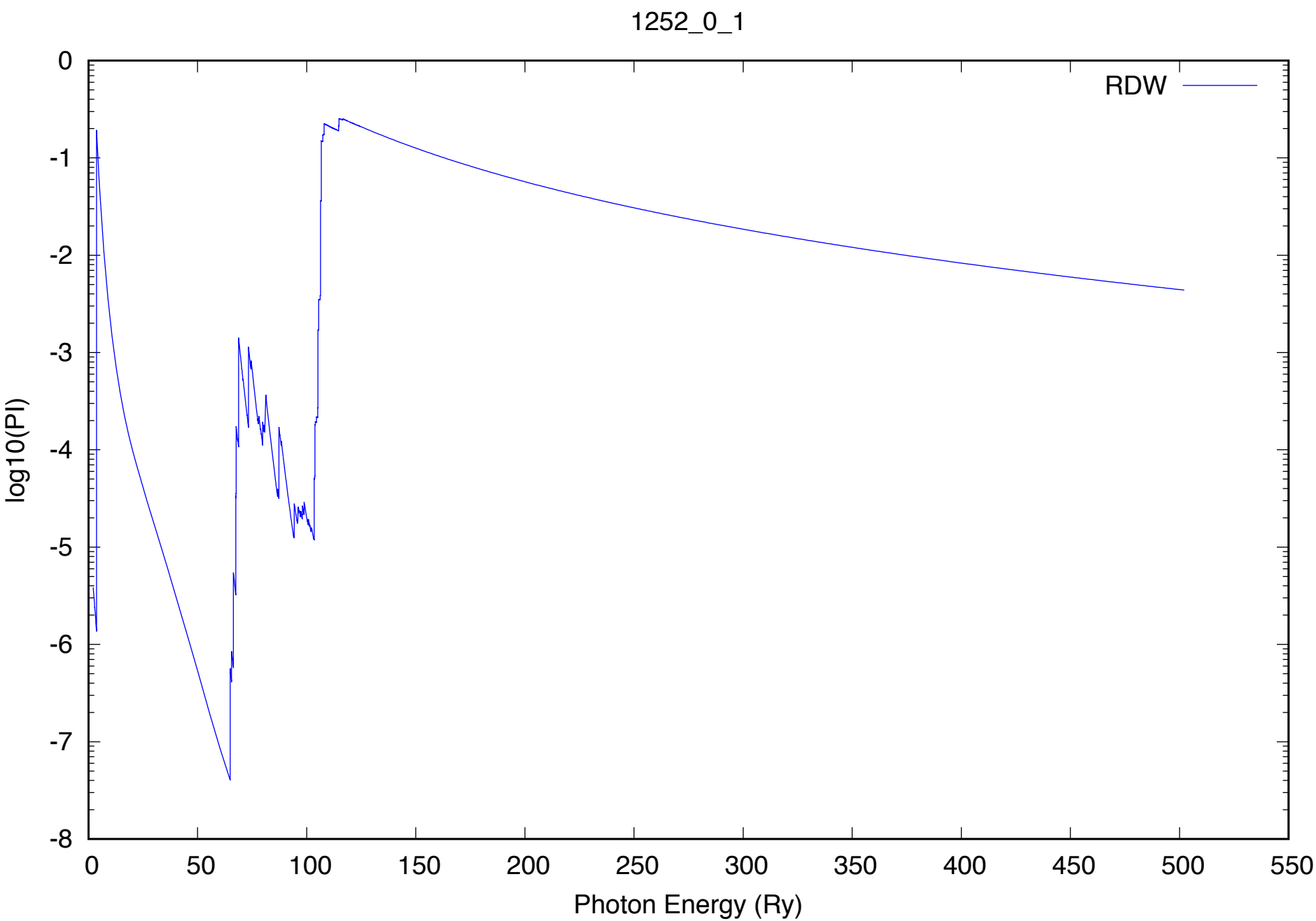
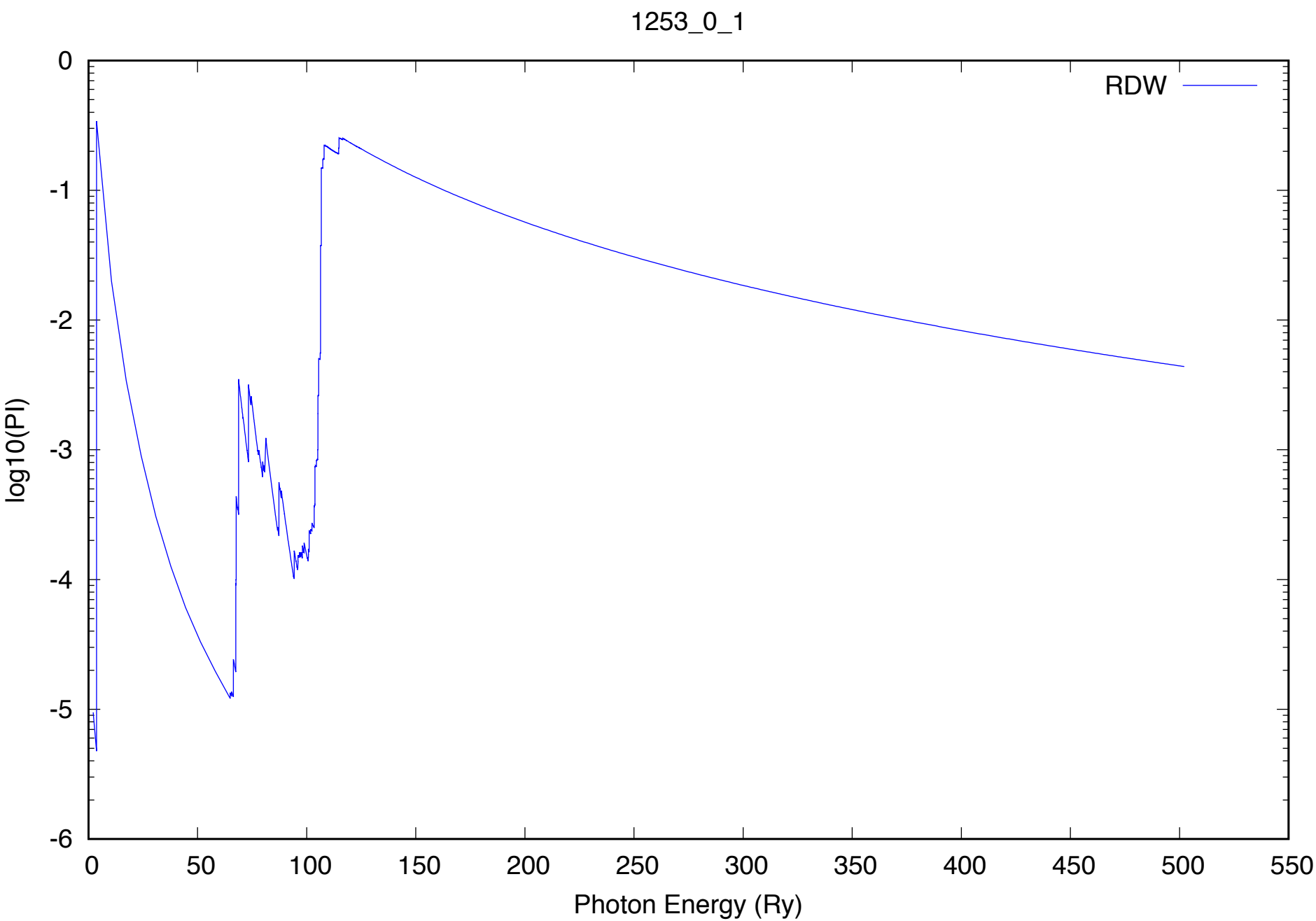
100
150
200
250
300
350
400
450
500
550


1251_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1252_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1253_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
-3
-4
-5
-6
0
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100
150
200
250
300
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400
450
500
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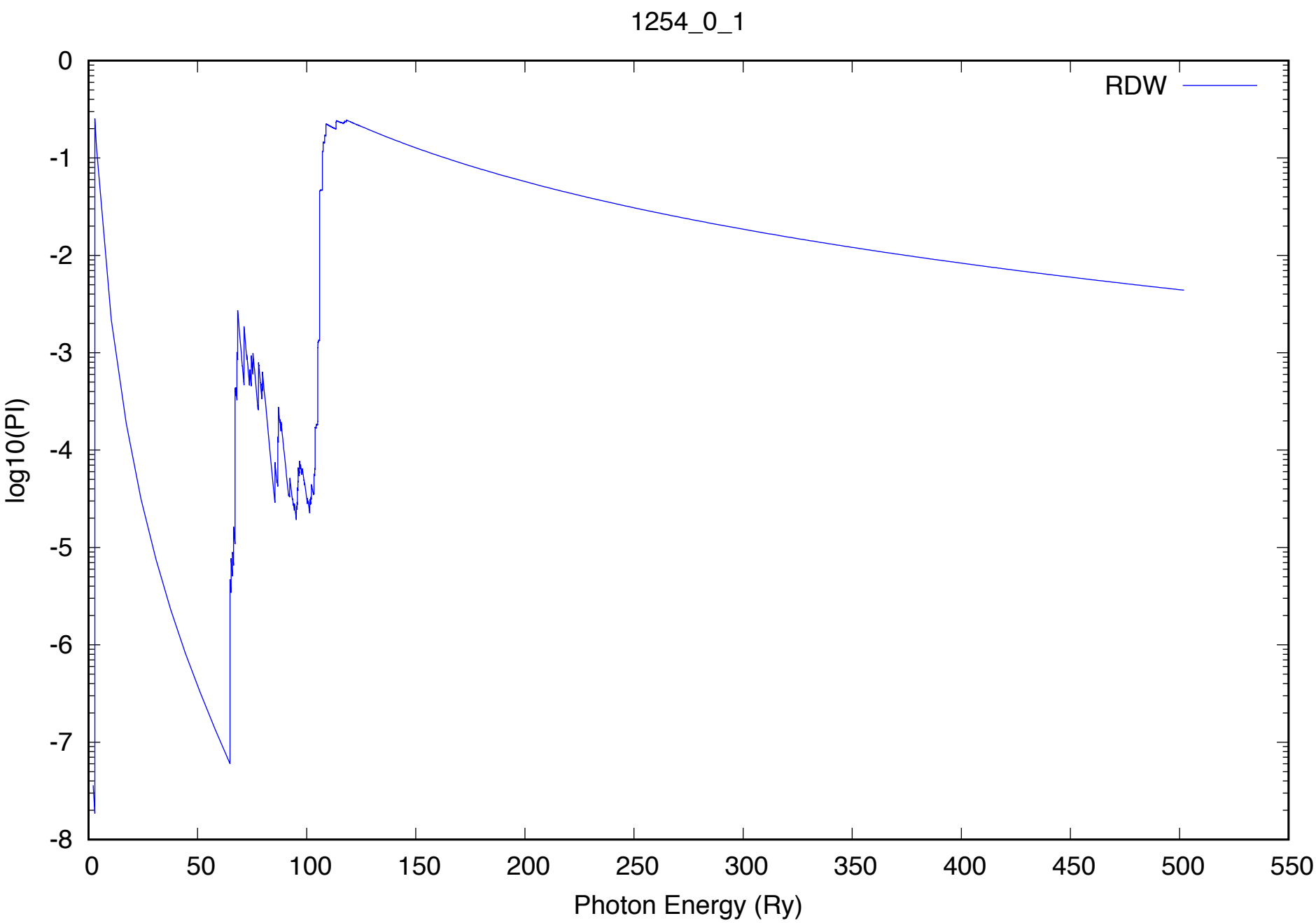
1254_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-6
-7
-8
0
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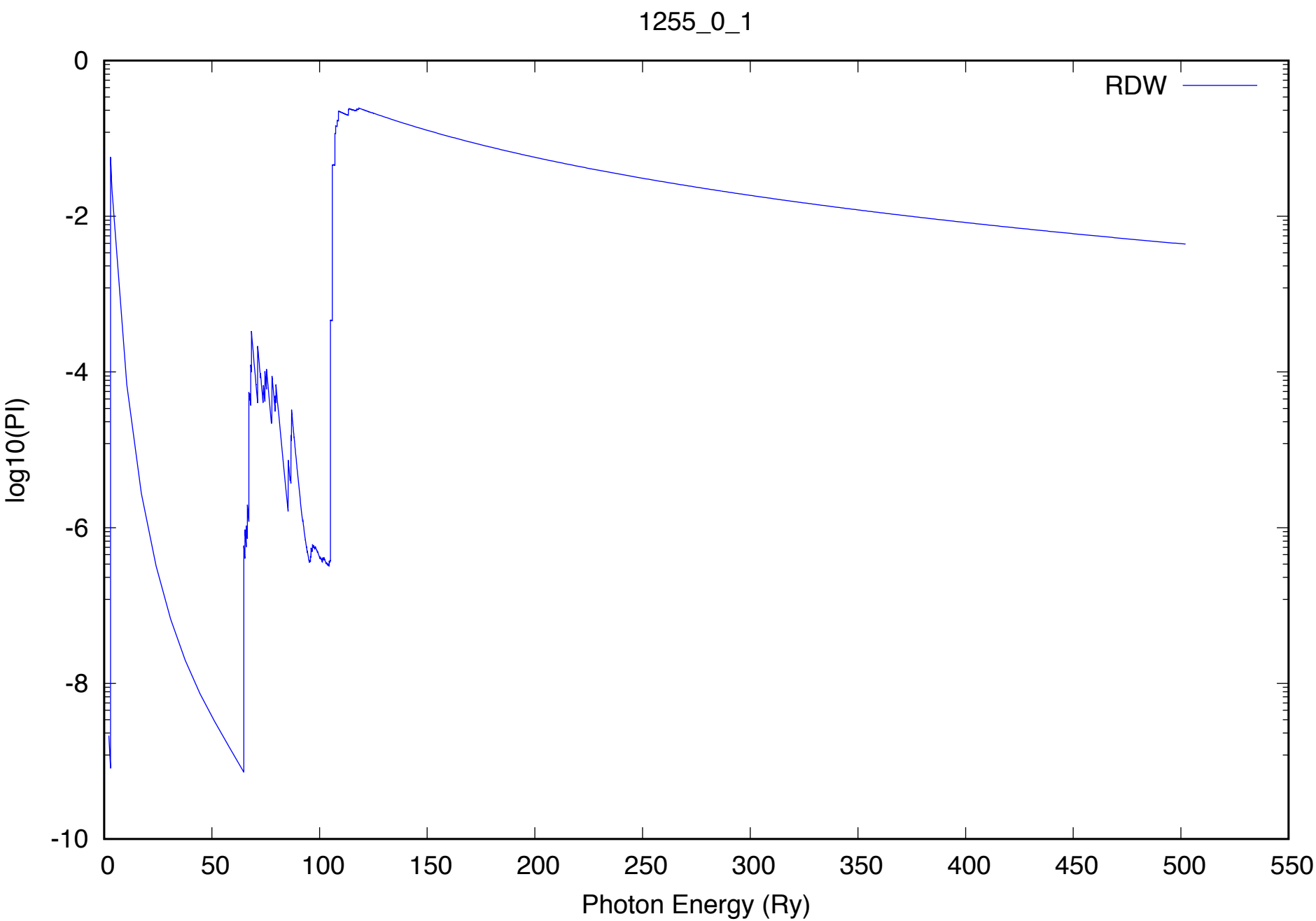
100
150
200
250
300
350
400
450
500
550


1255_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
-8
-10
0
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100
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200
250
300
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400
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500
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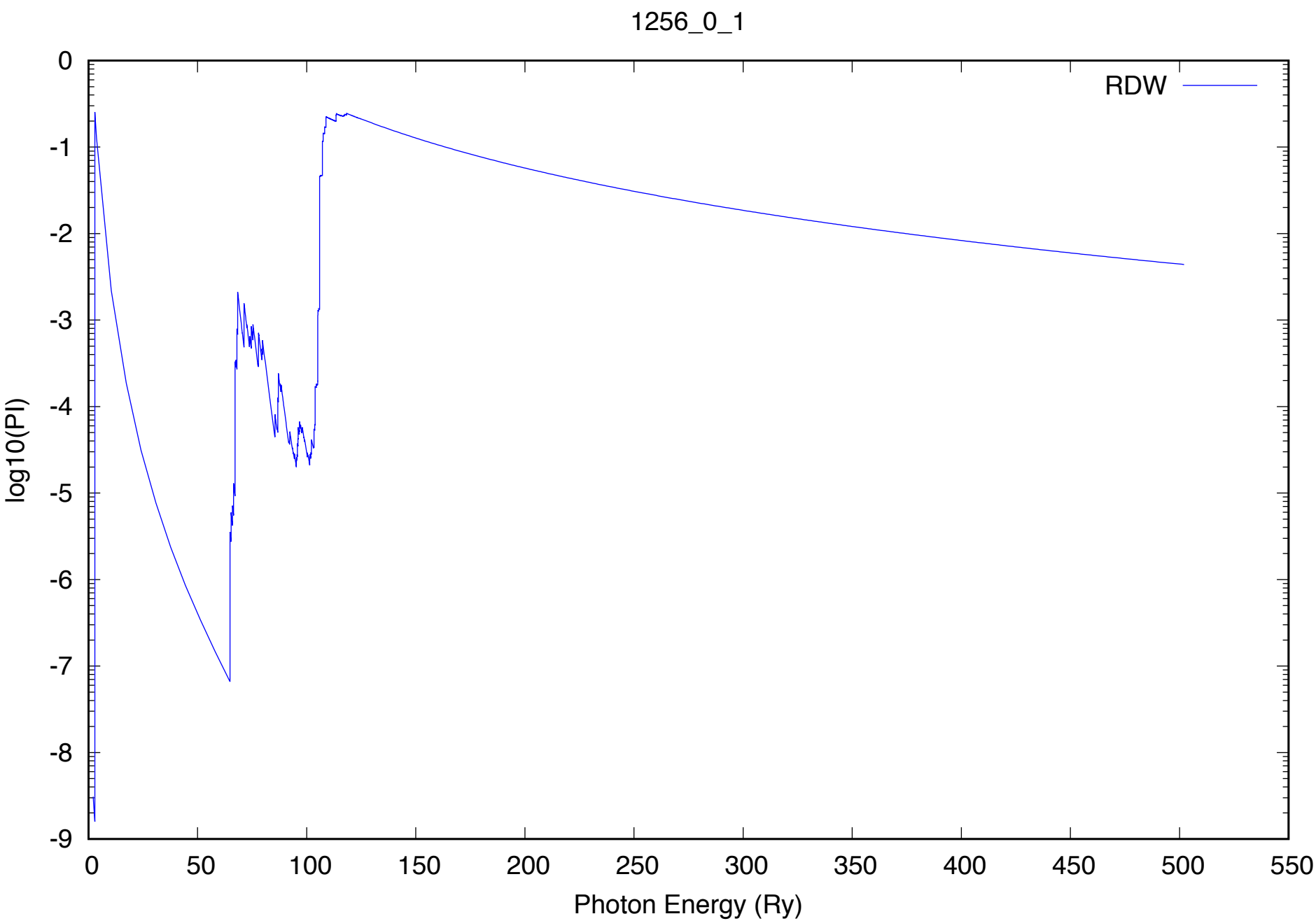
1256_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
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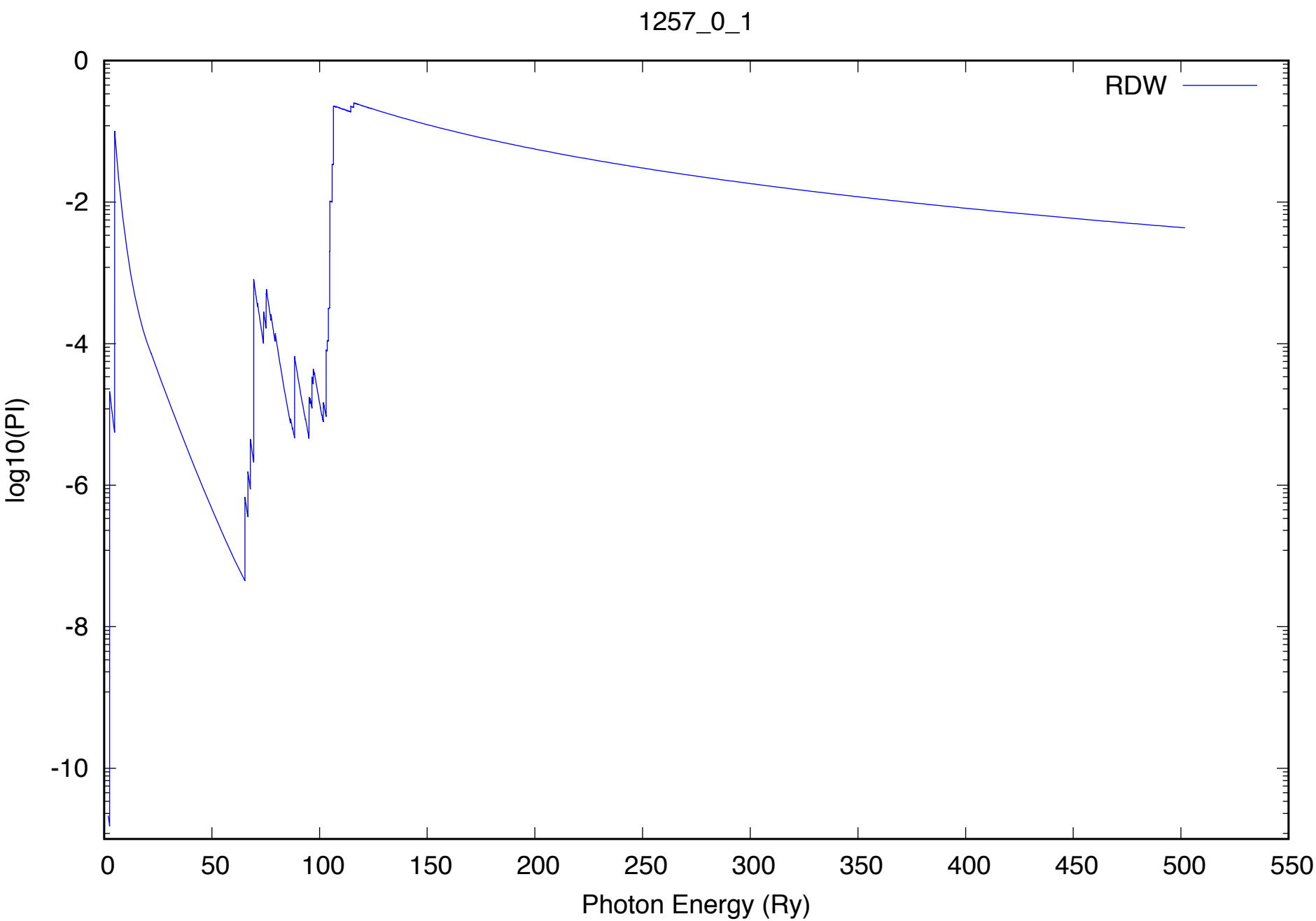
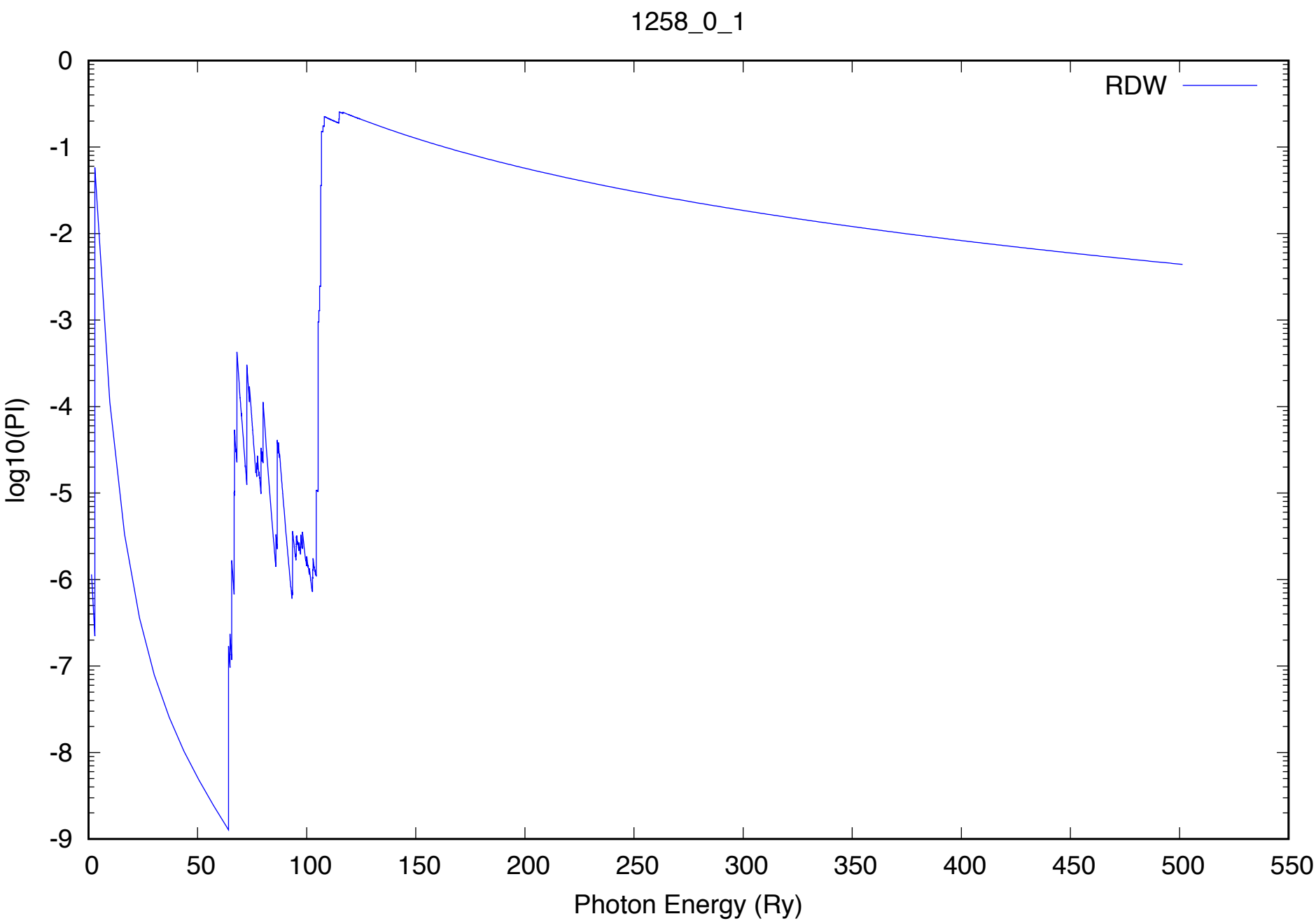
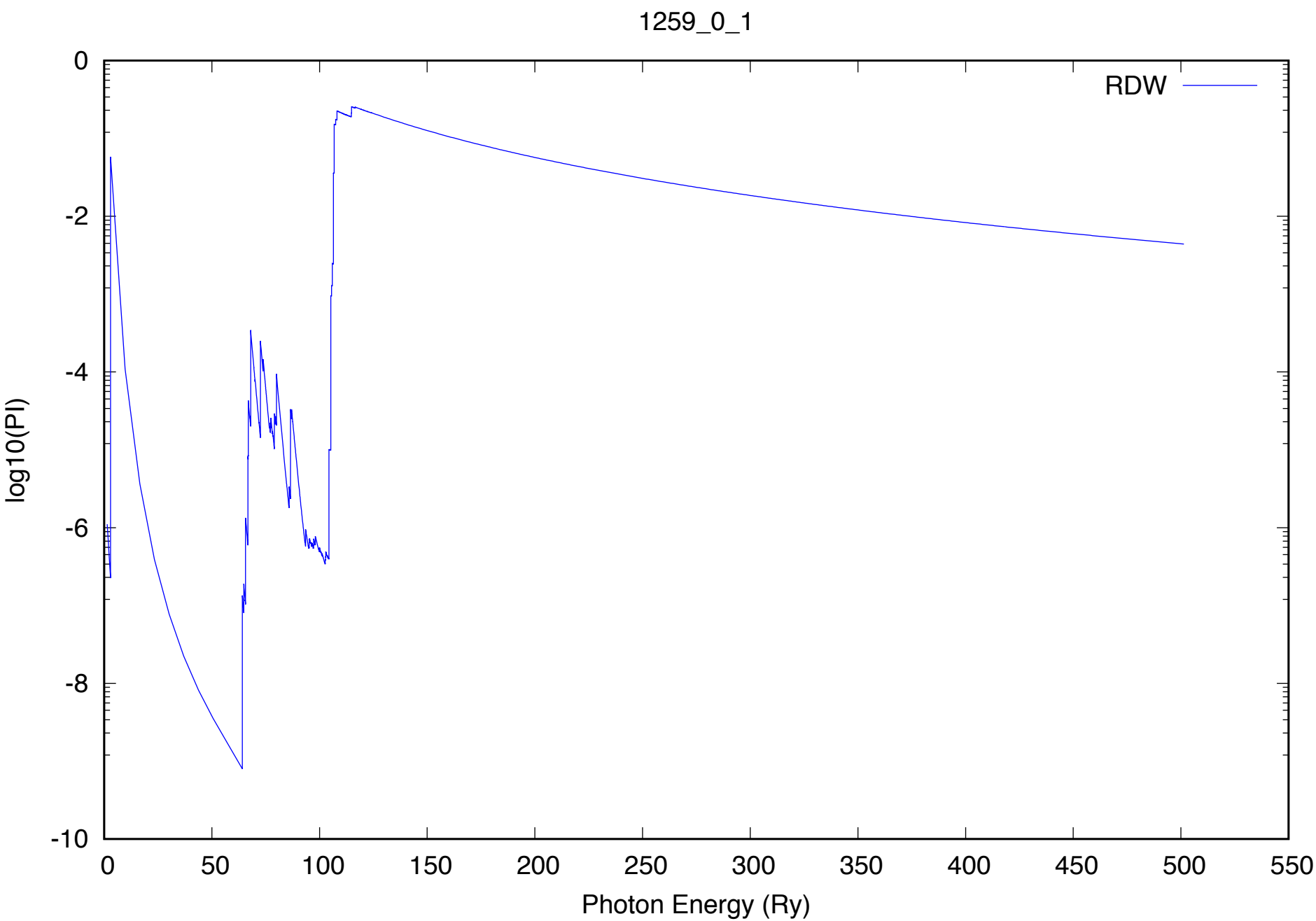
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1257_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1258_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1259_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
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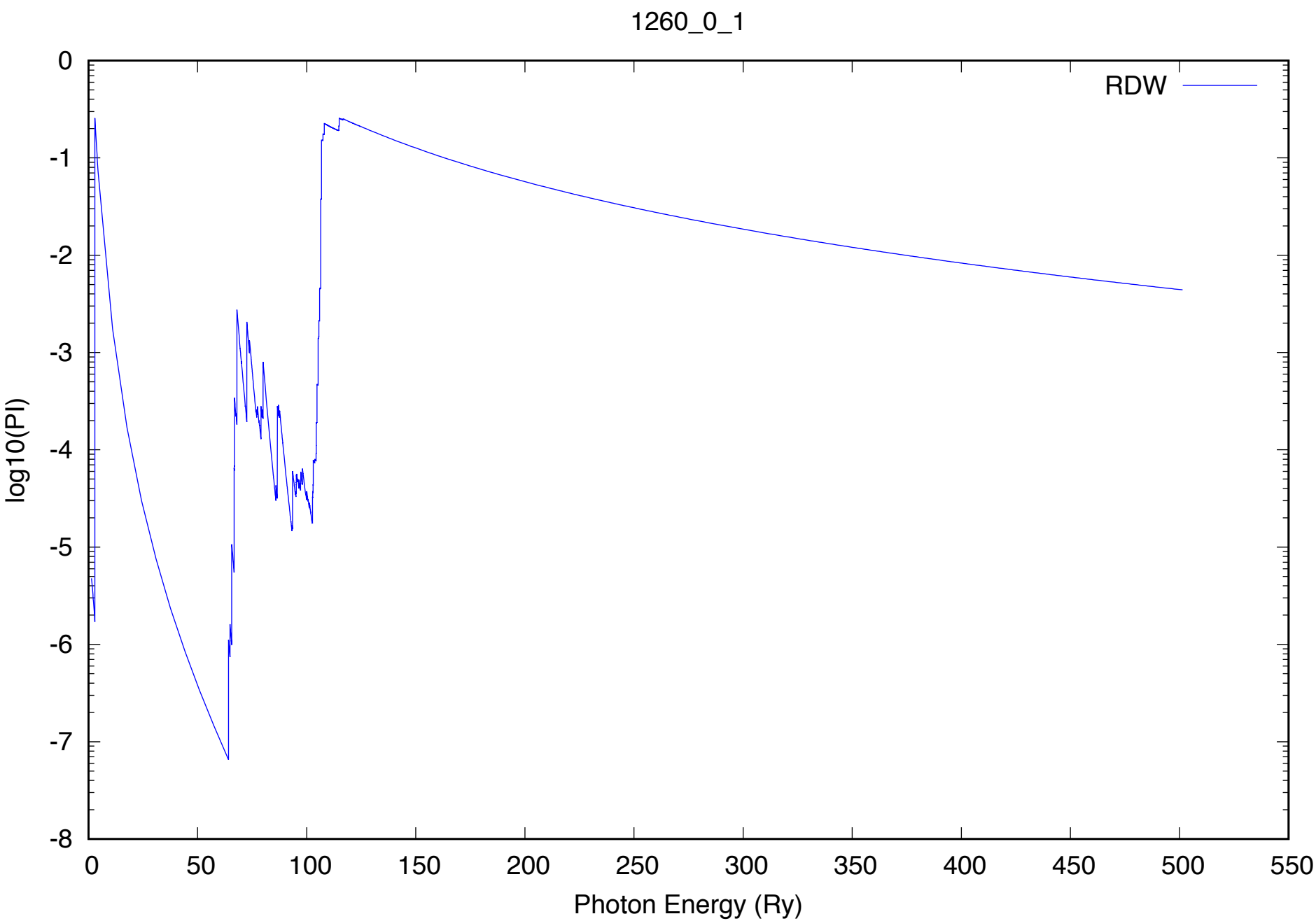
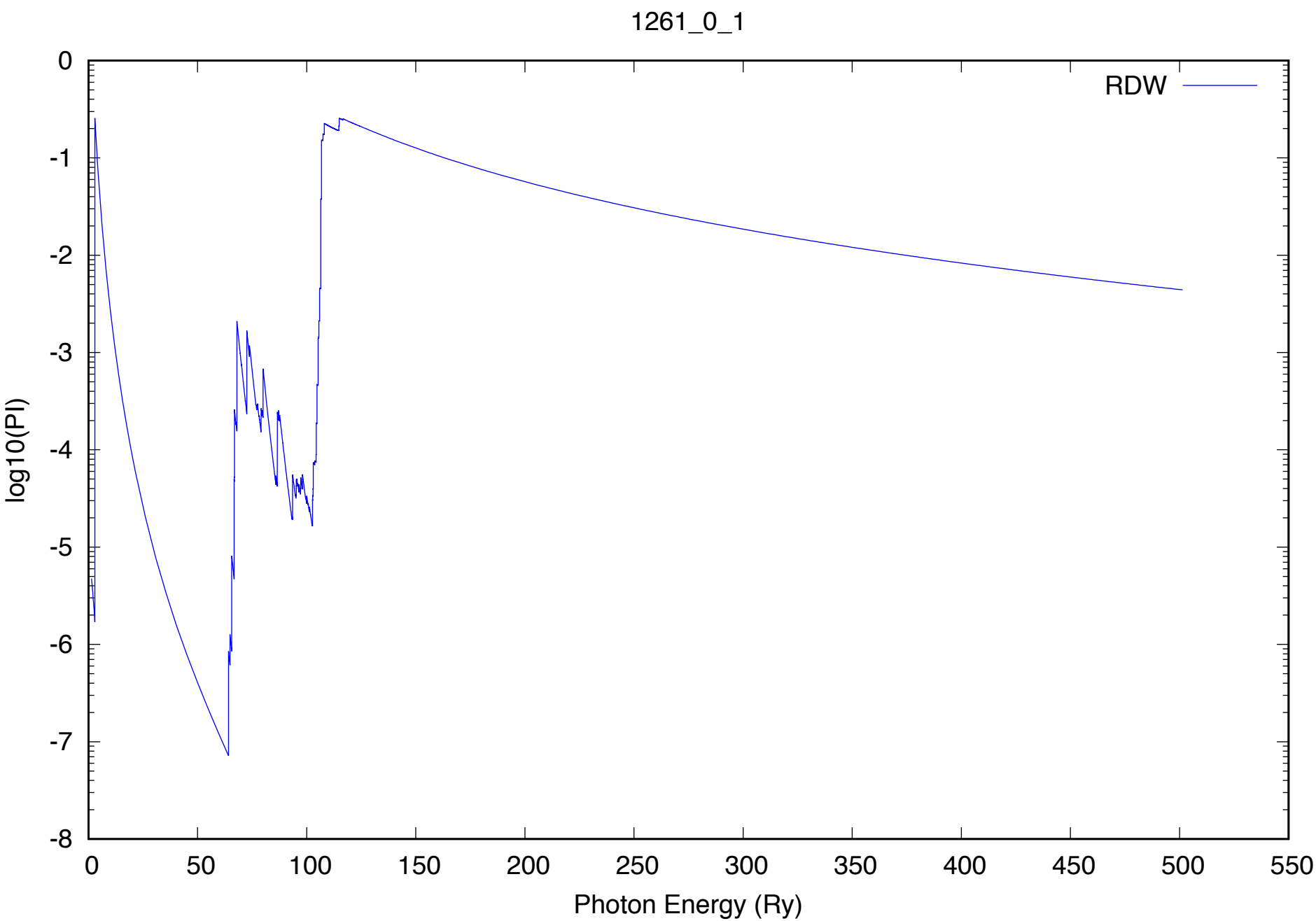
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1260_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1261_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
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-6
-7
-8
0
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100
150
200
250
300
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400
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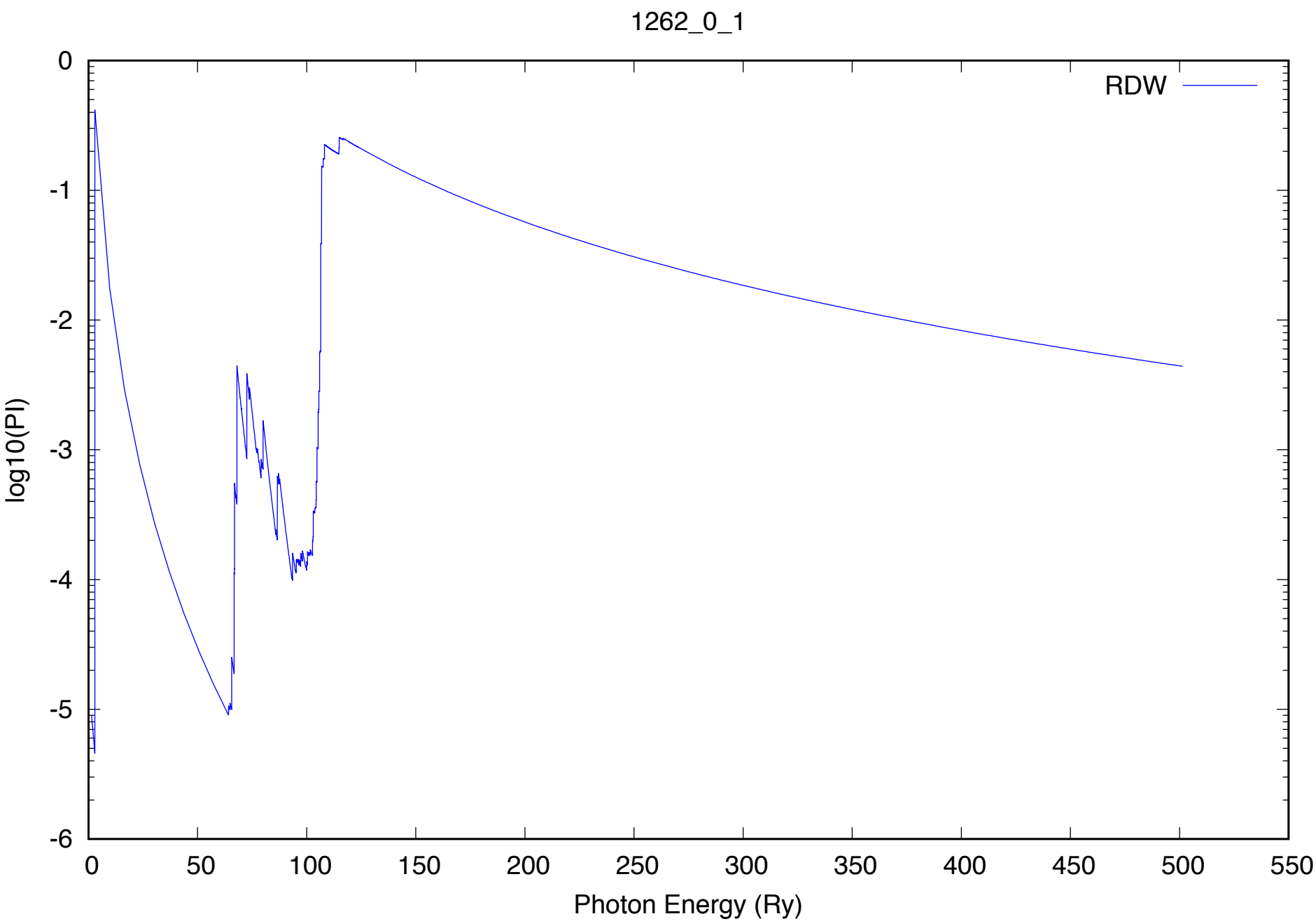
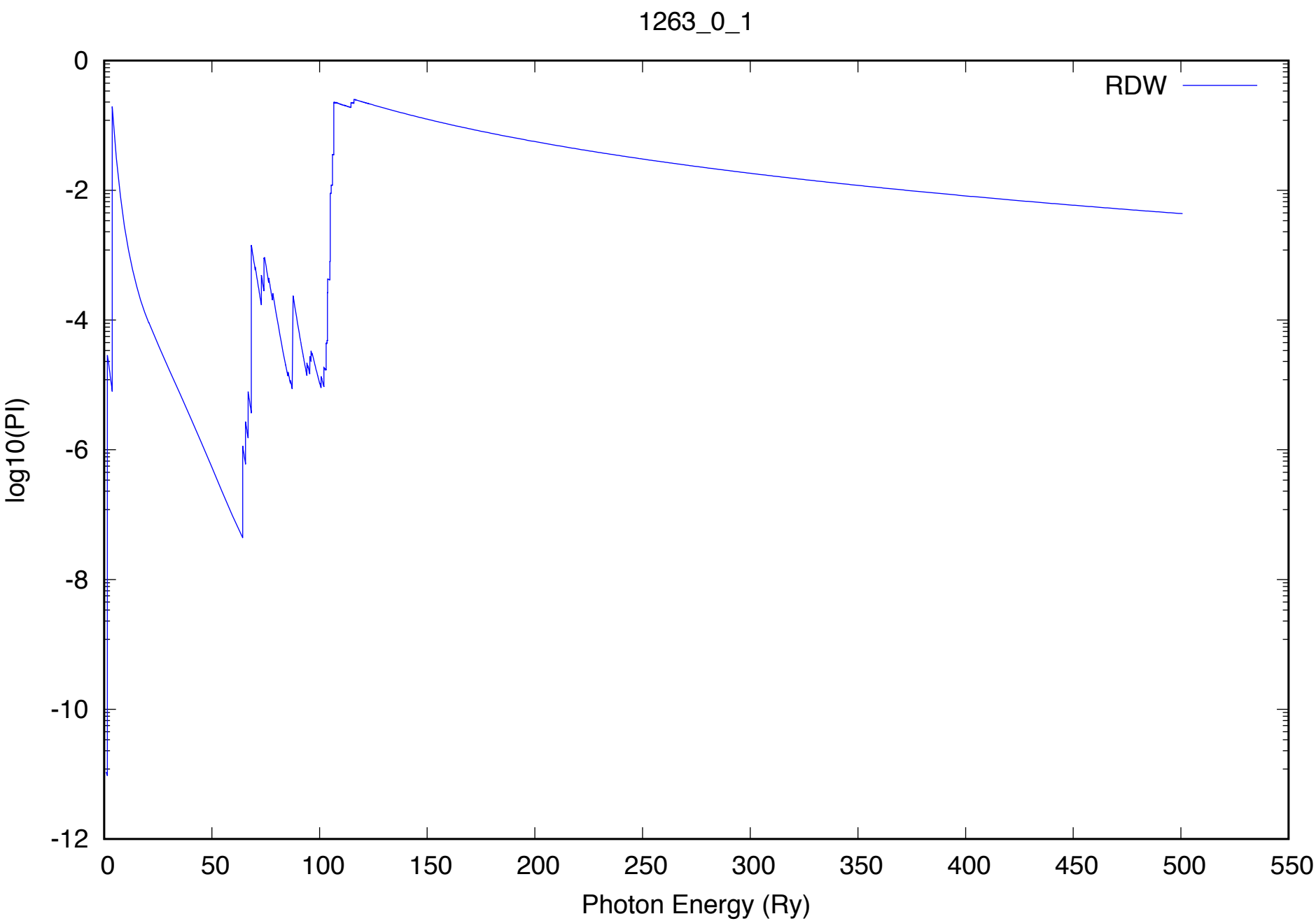
500
550


1262_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1263_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
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-4
-6
-8
-10
-12
0
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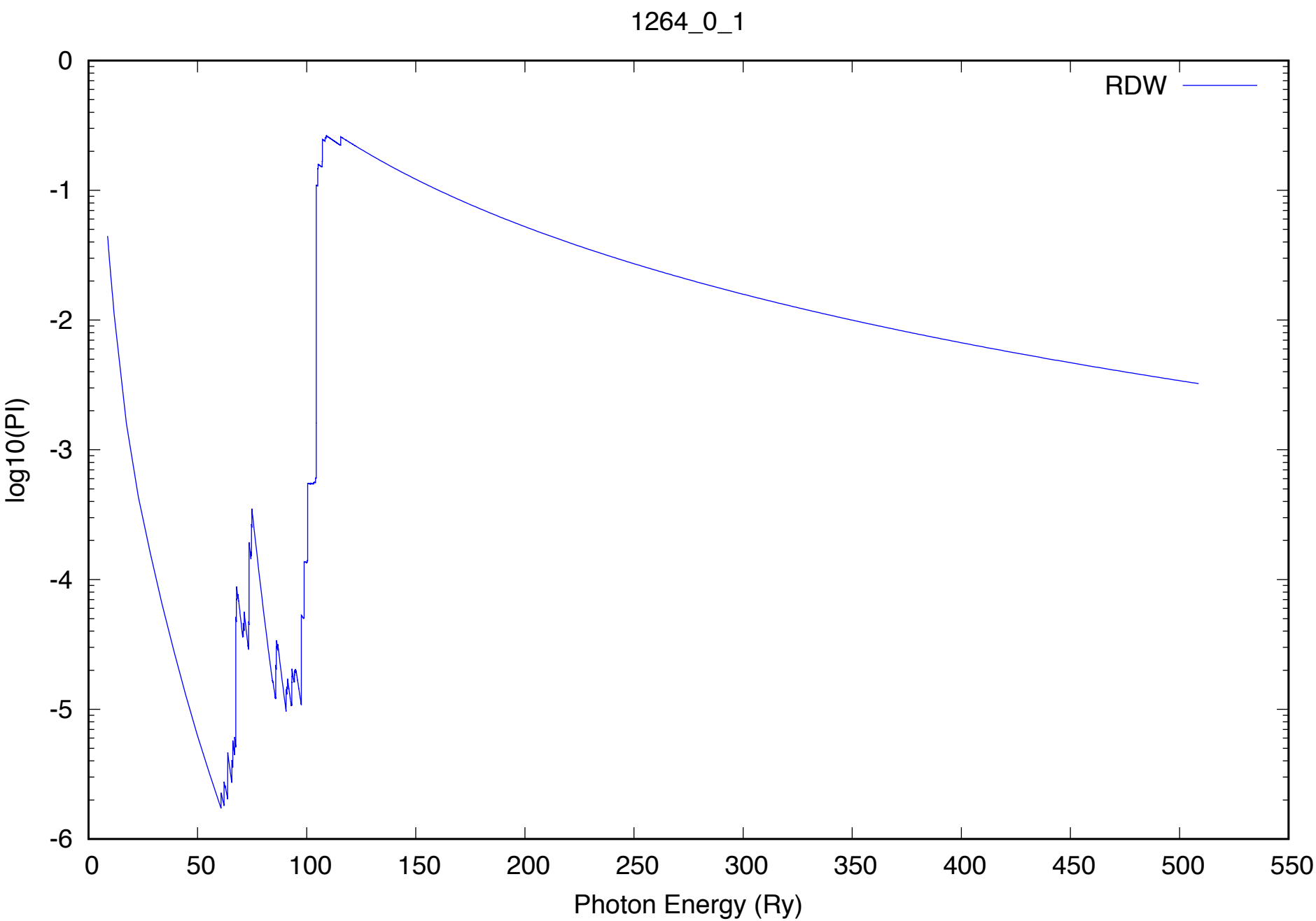
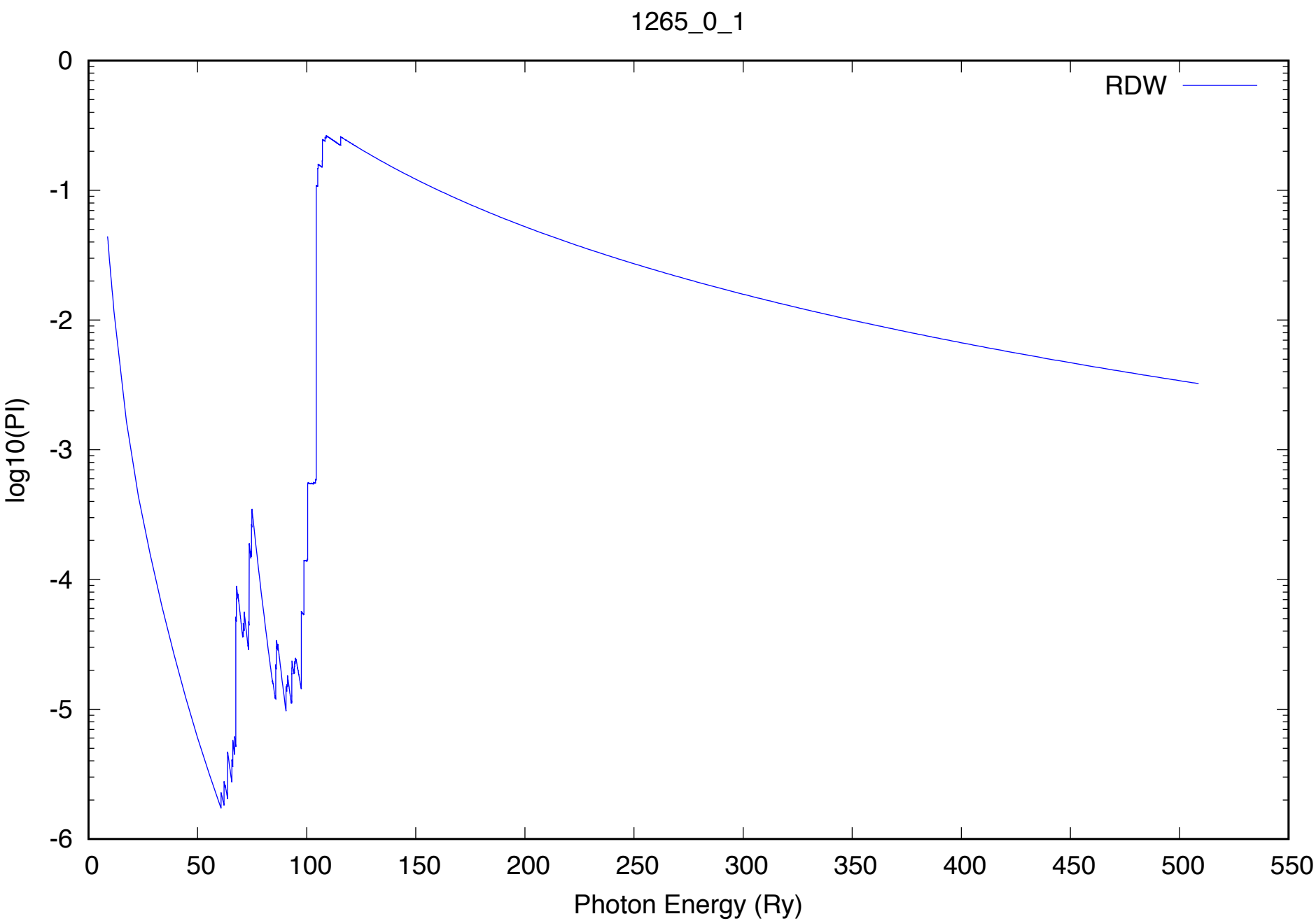
100
150
200
250
300
350
400
450
500
550


1264_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1265_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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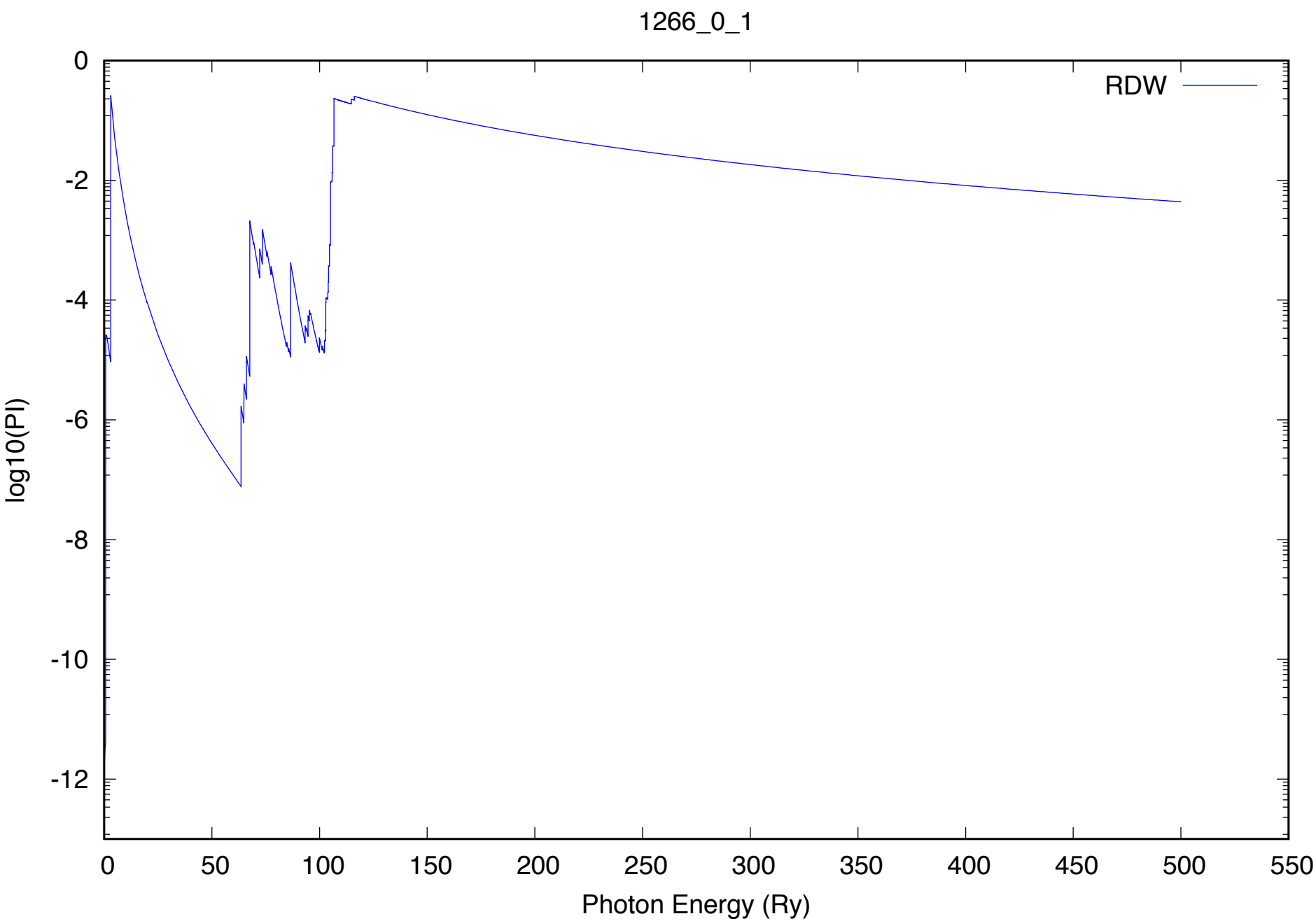
100
150
200
250
300
350
400
450
500
550


1266_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
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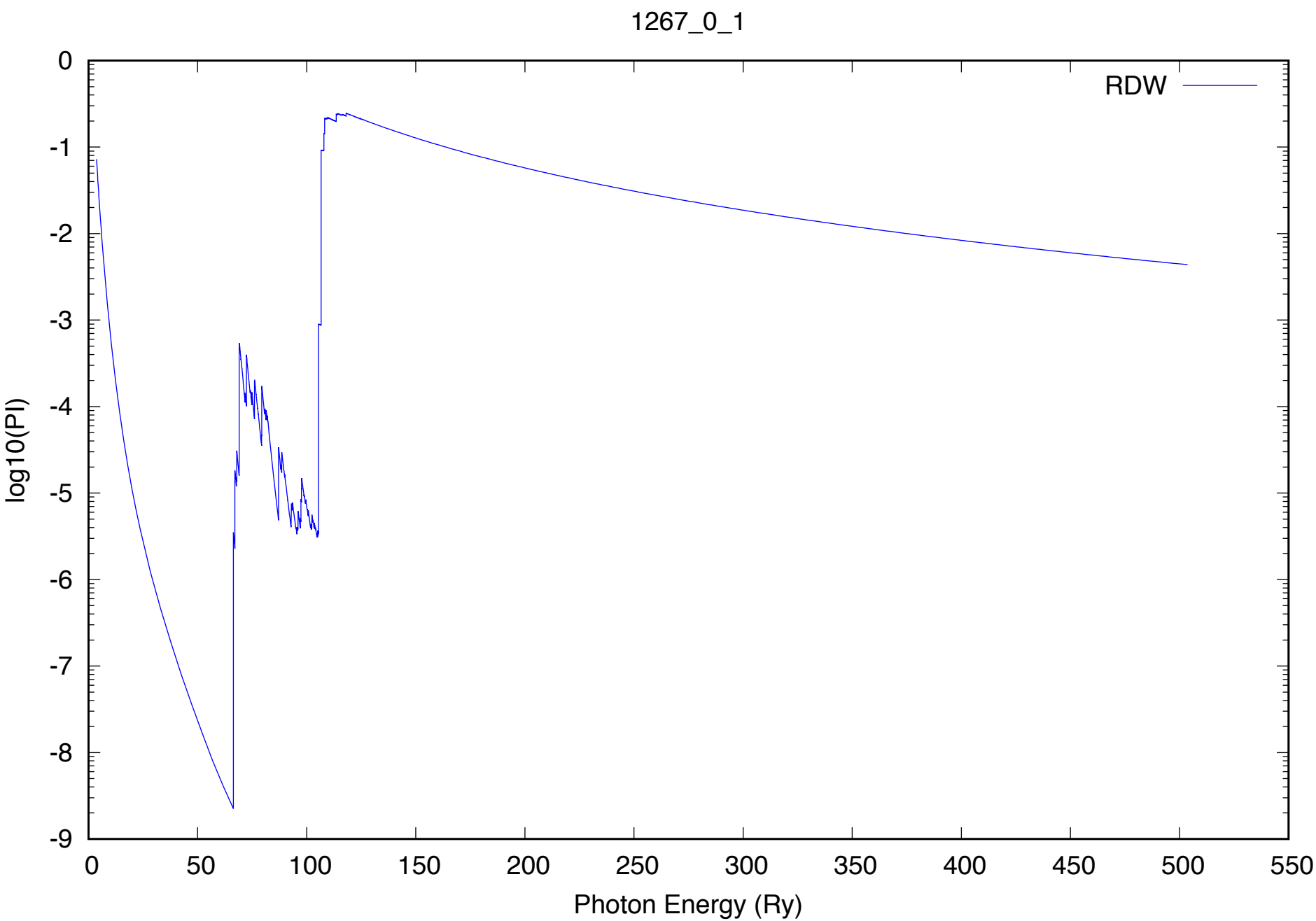
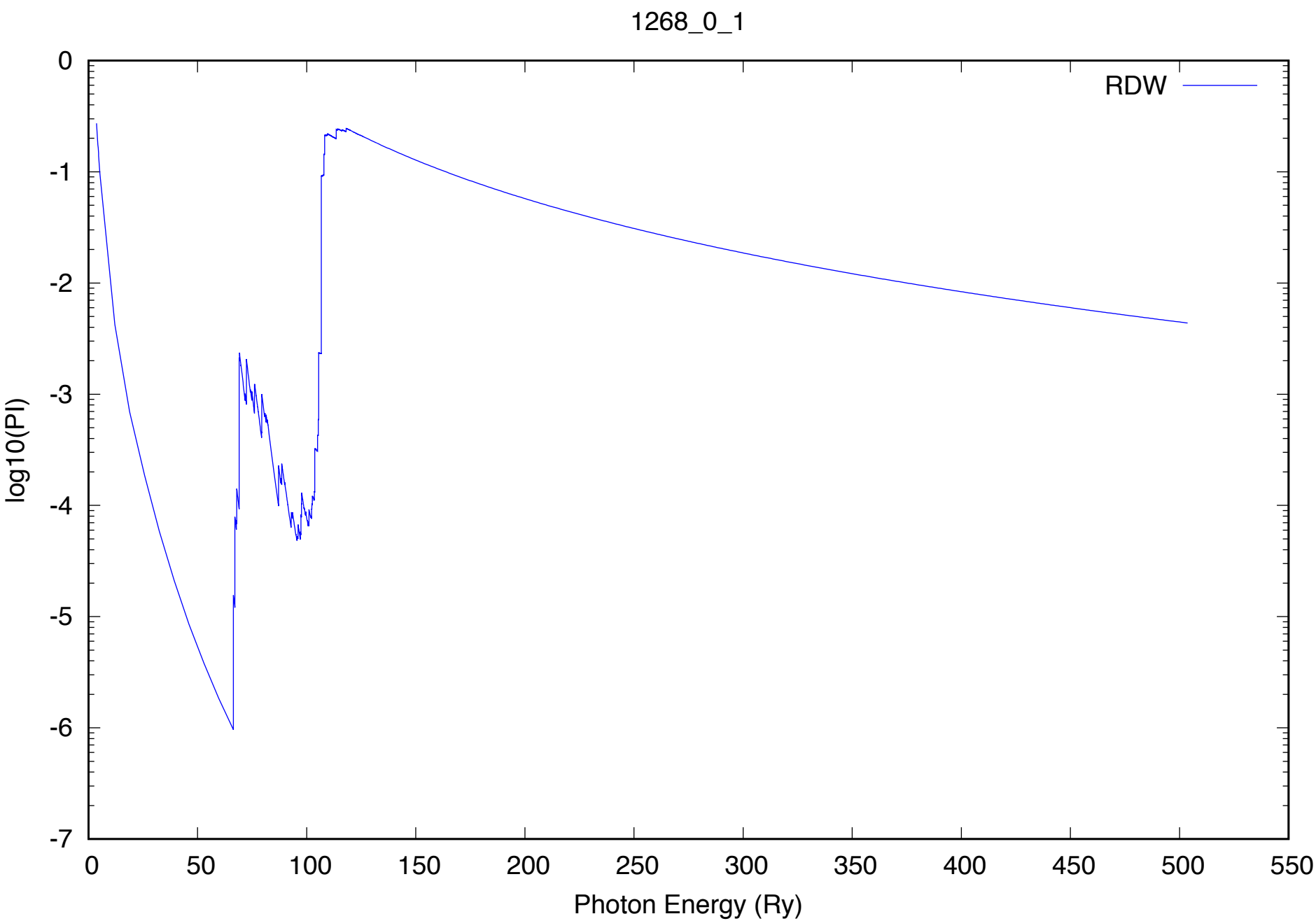
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1267_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1268_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
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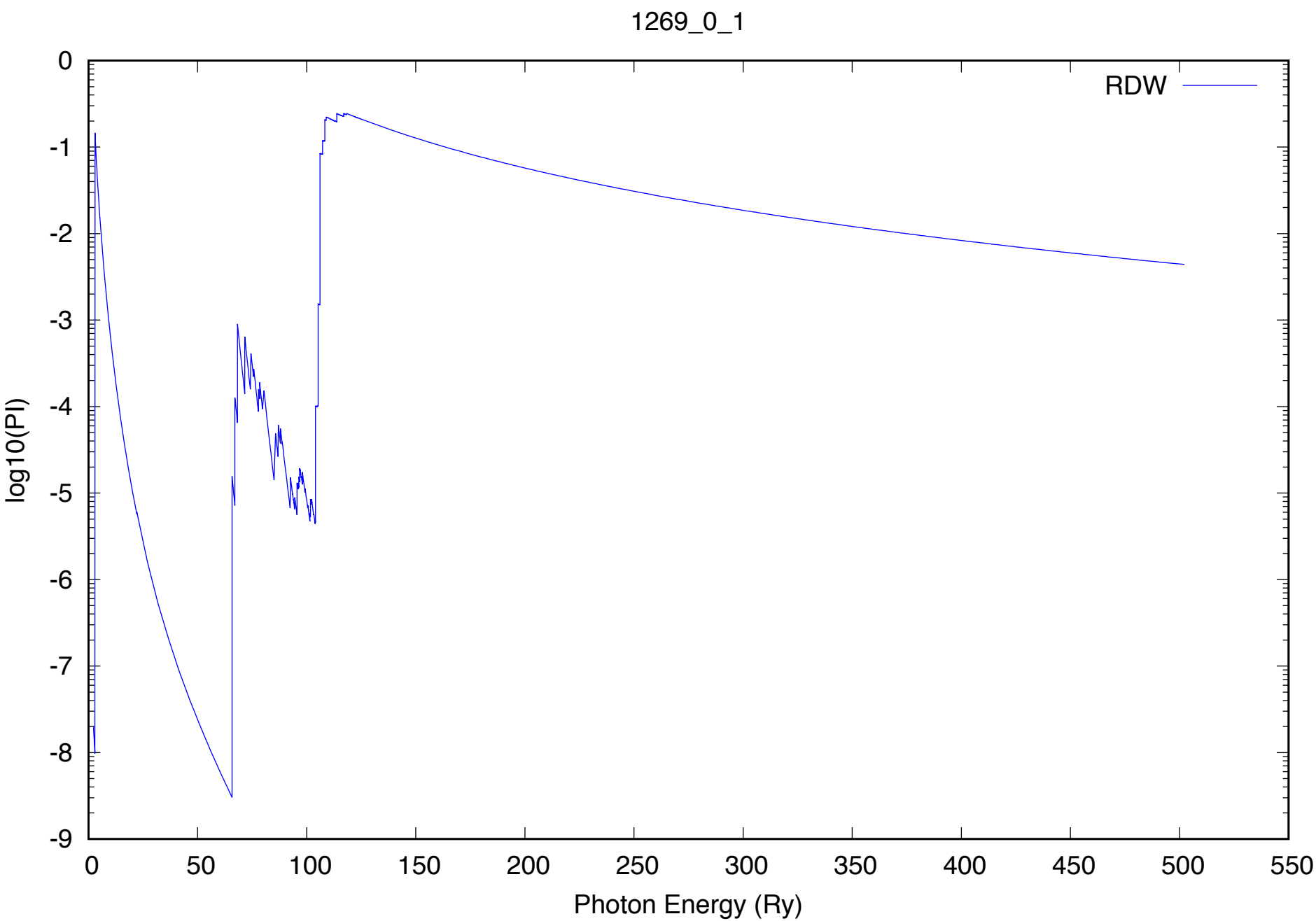
1269_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
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100
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200
250
300
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400
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500
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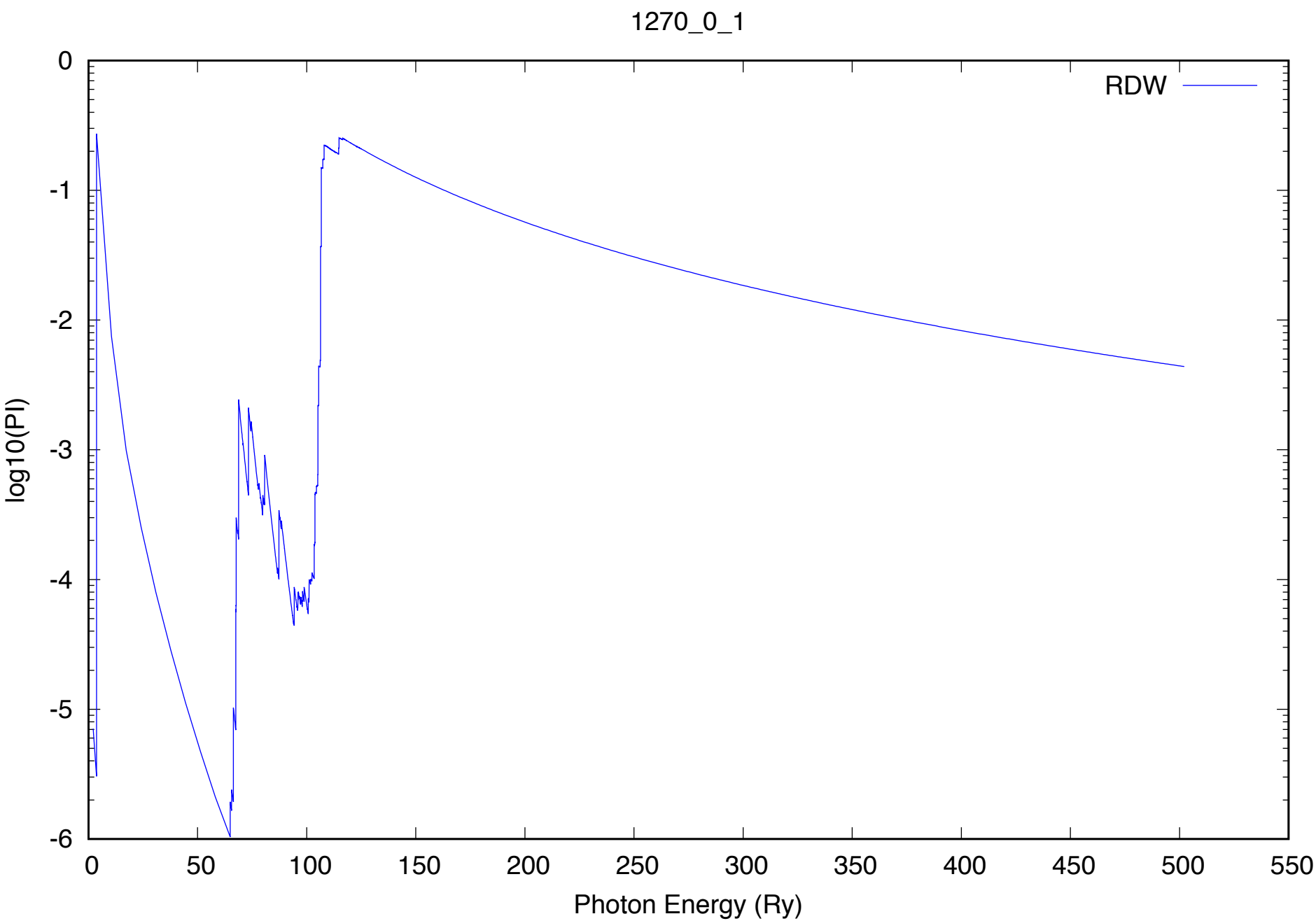
1270_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
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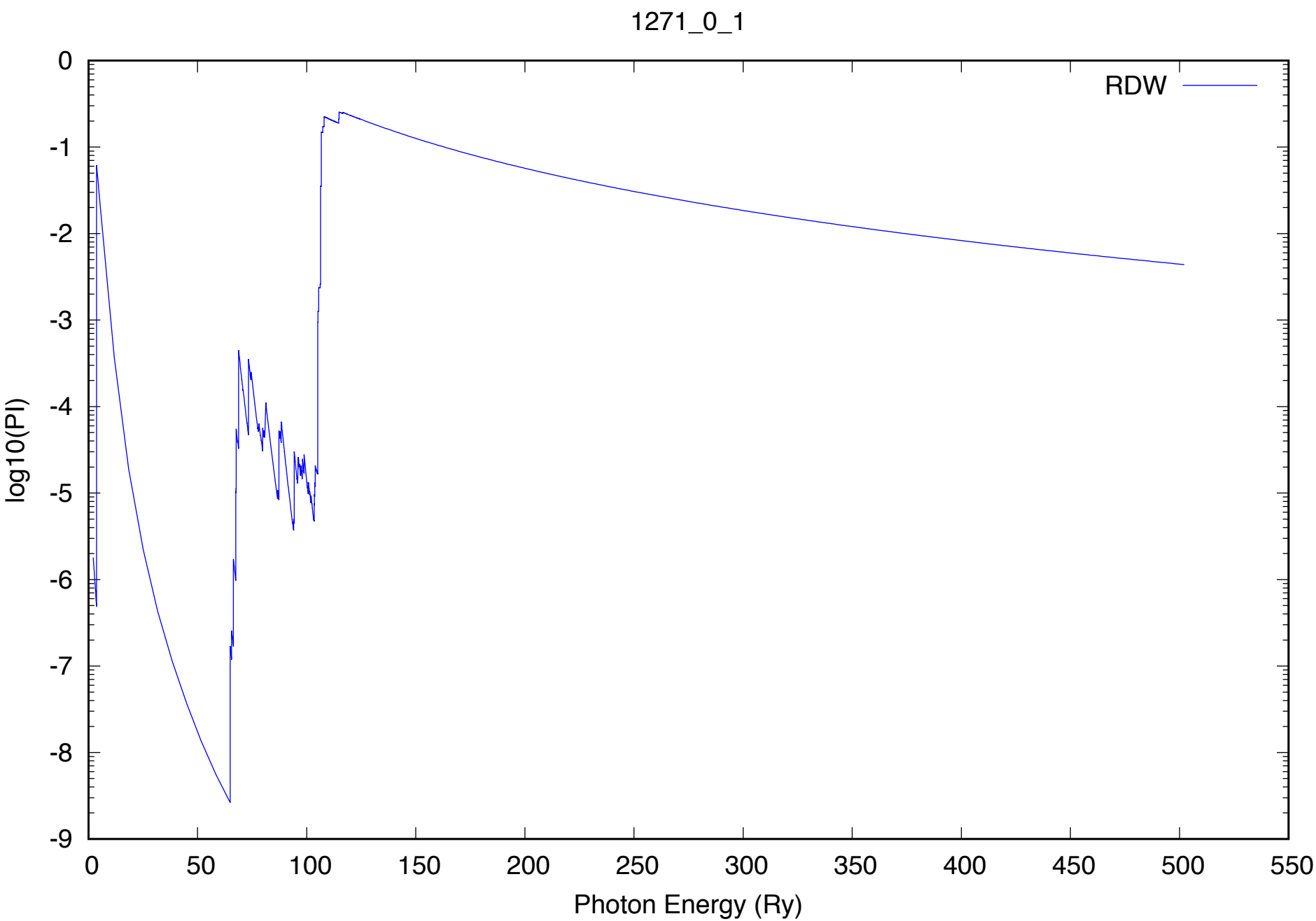
1271_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
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400
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500
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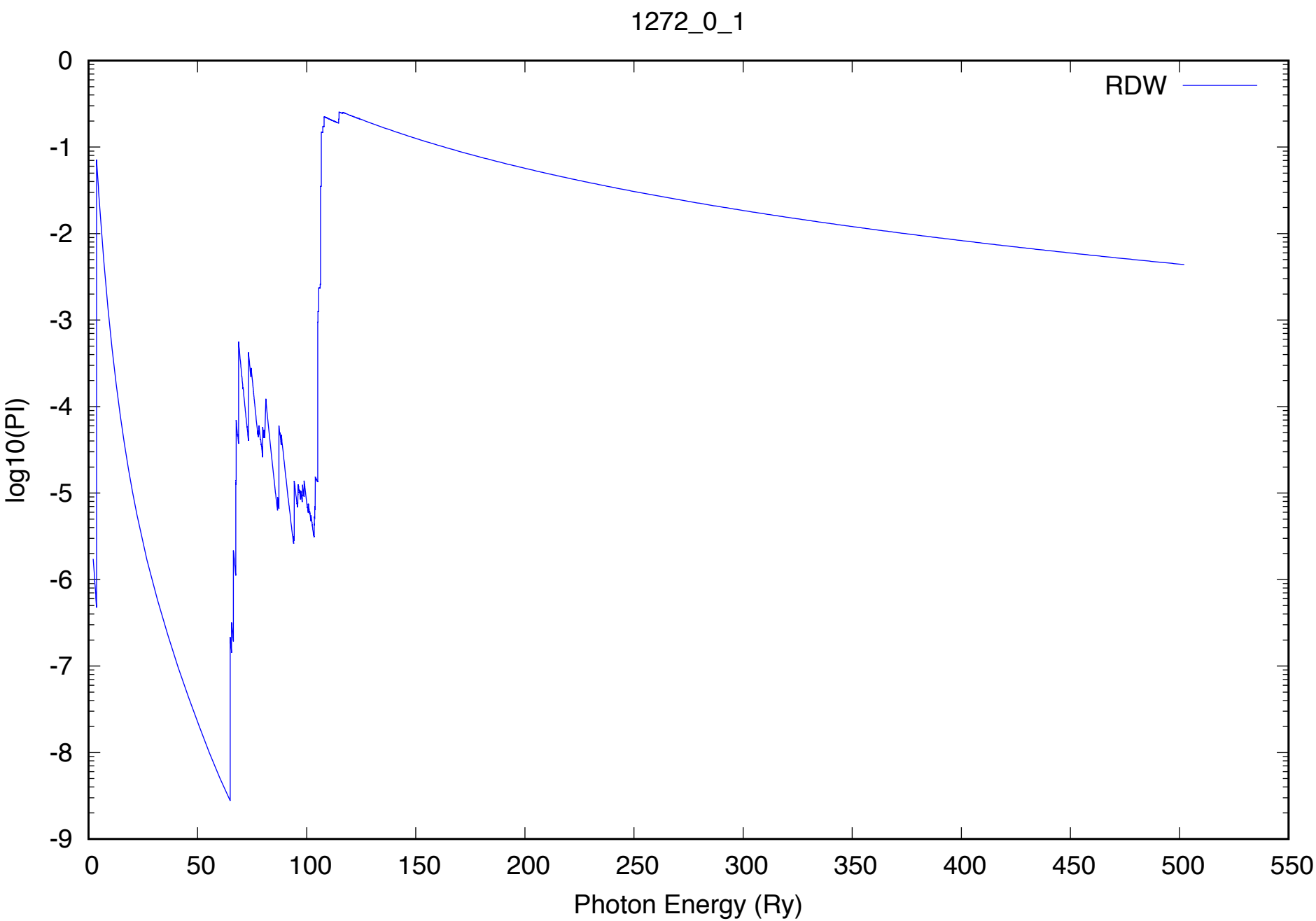
1272_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
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100
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200
250
300
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400
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500
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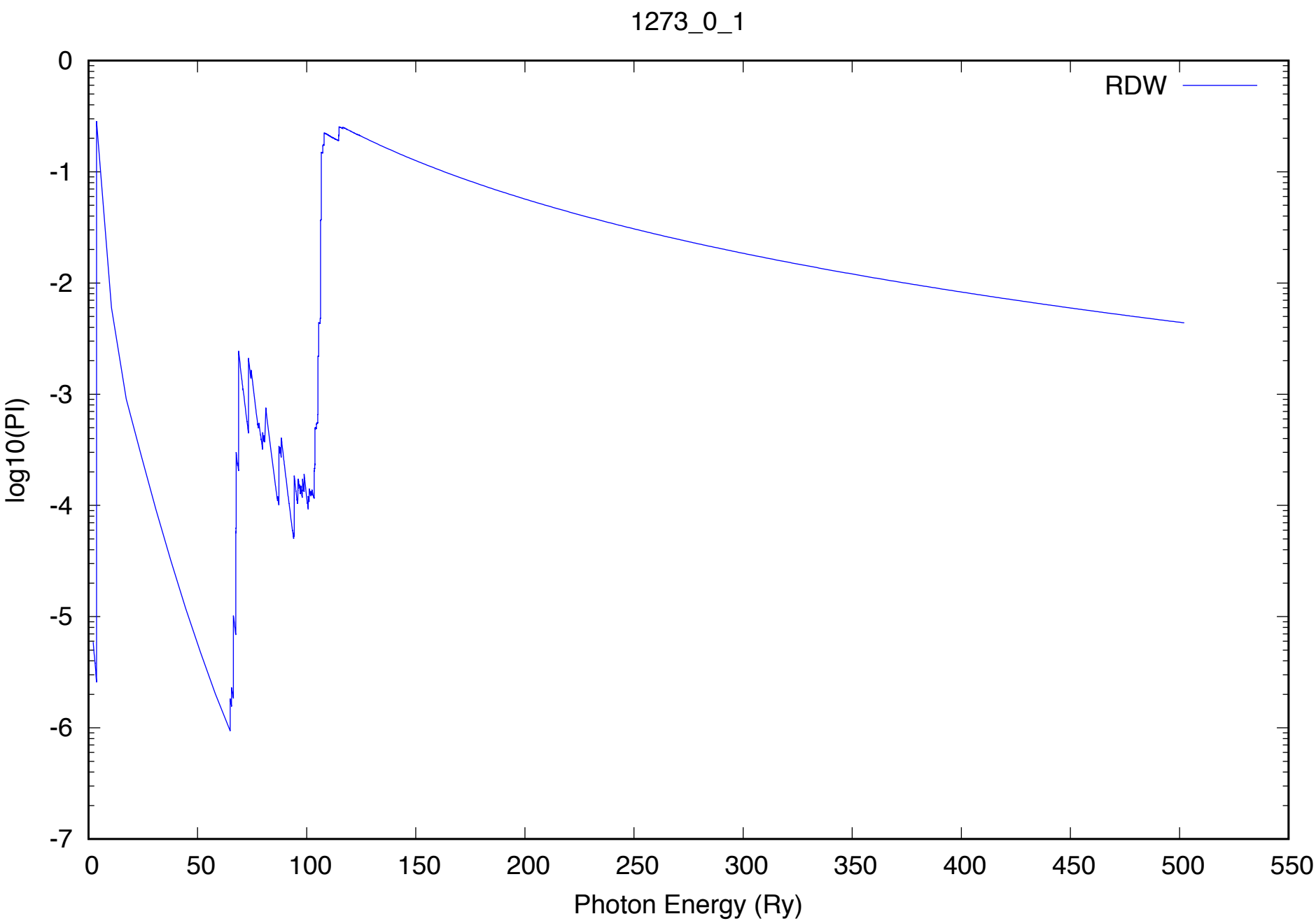
1273_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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100
150
200
250
300
350
400
450
500
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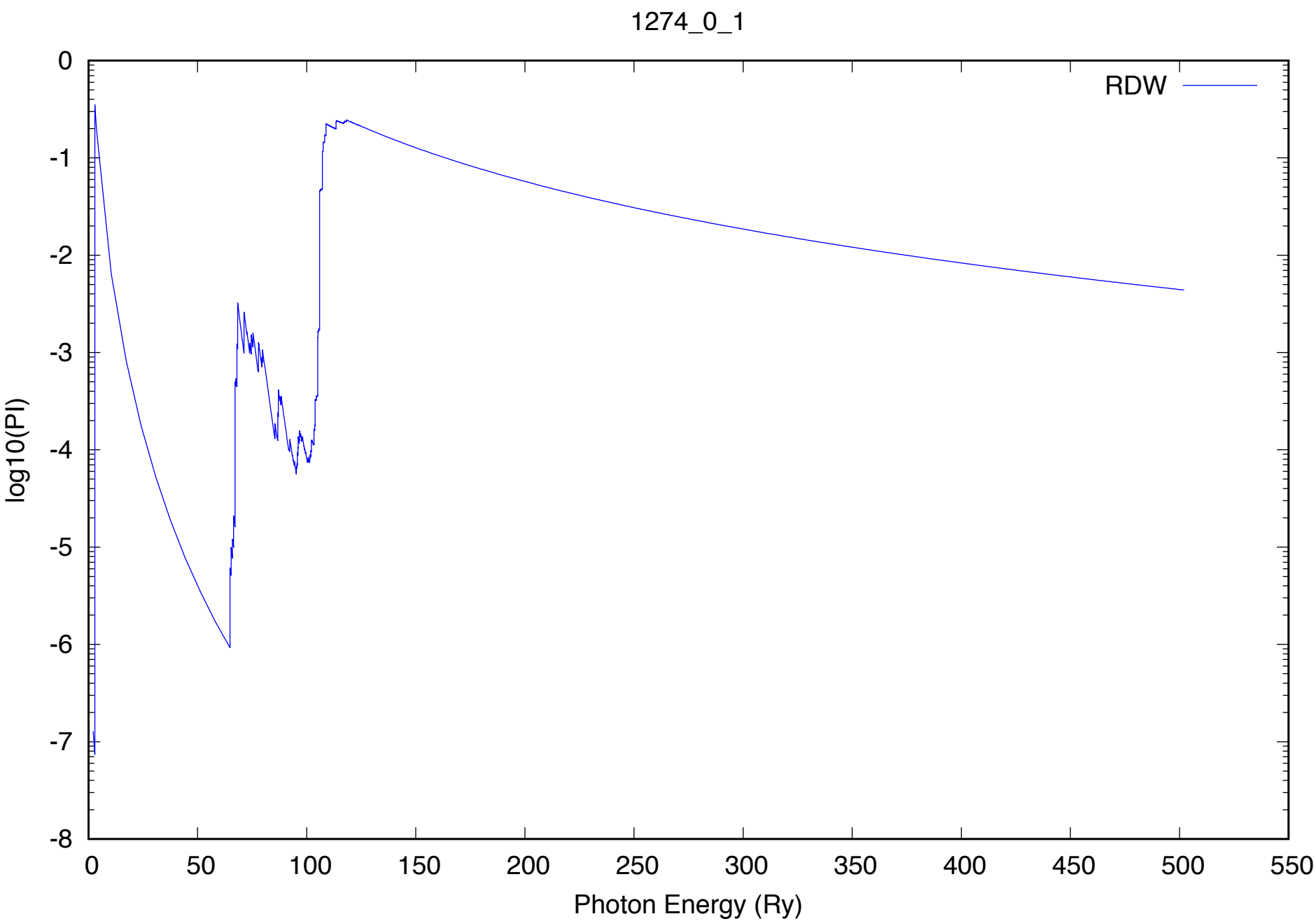
1274_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
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400
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500
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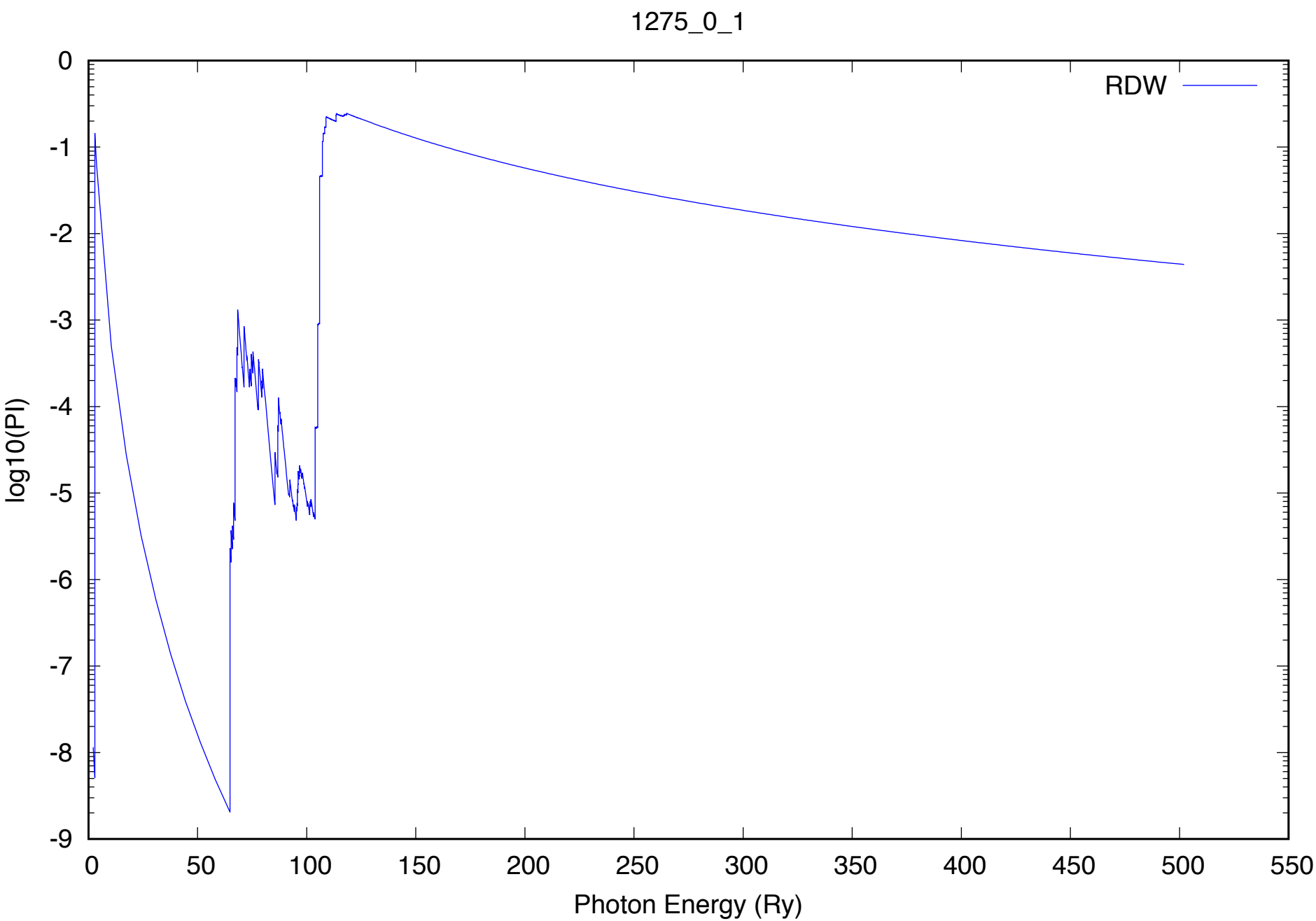
1275_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
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400
450
500
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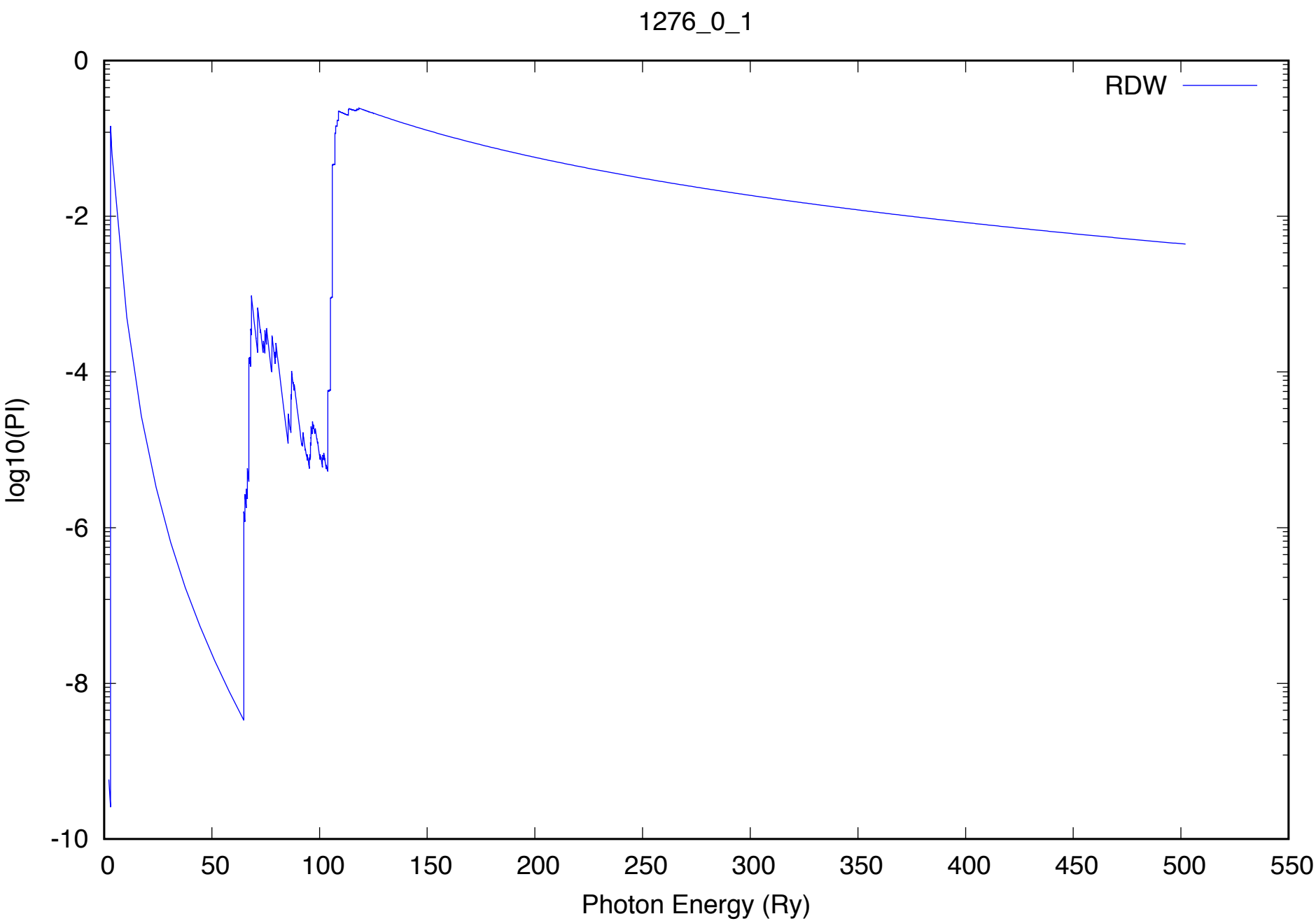
1276_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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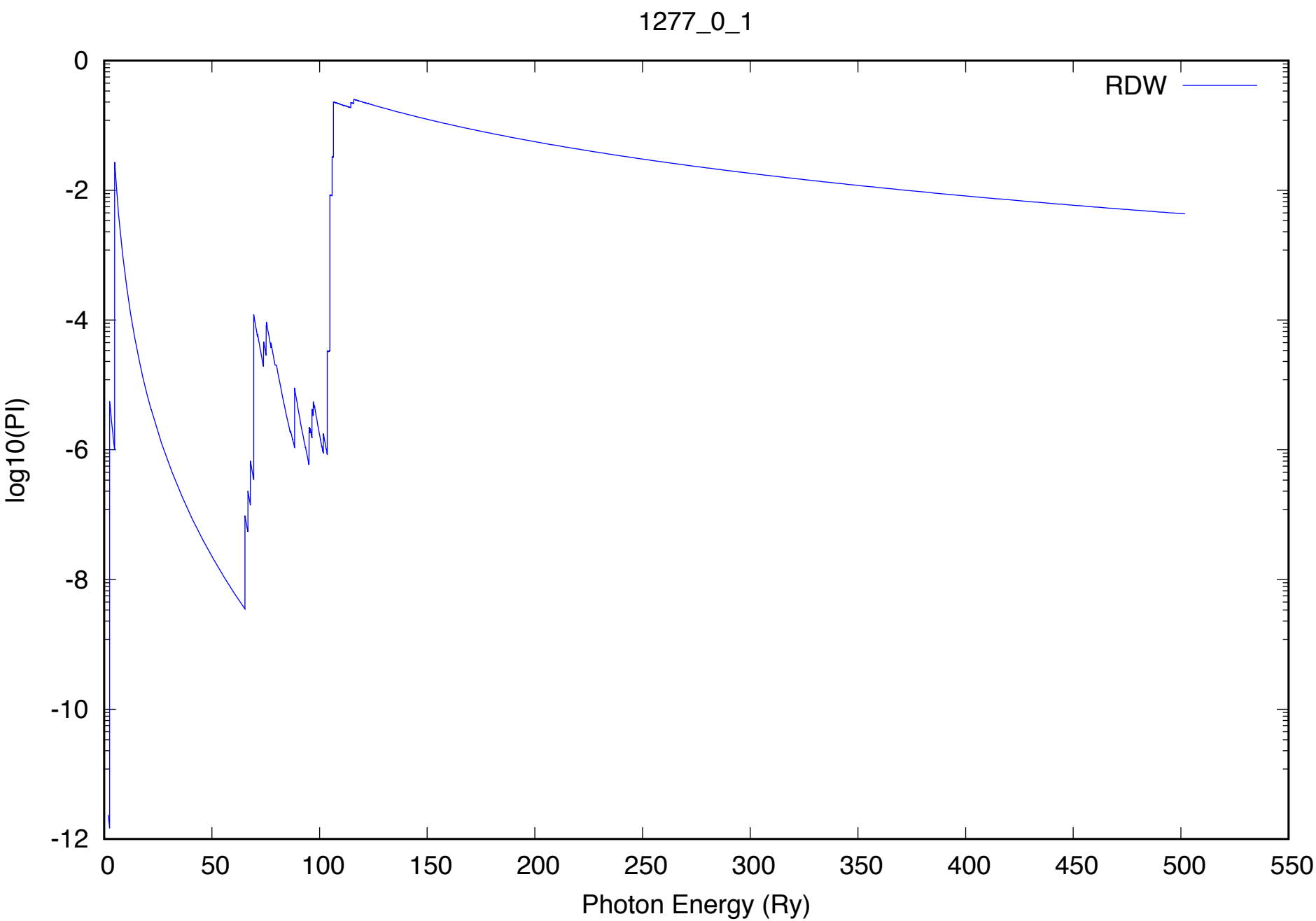
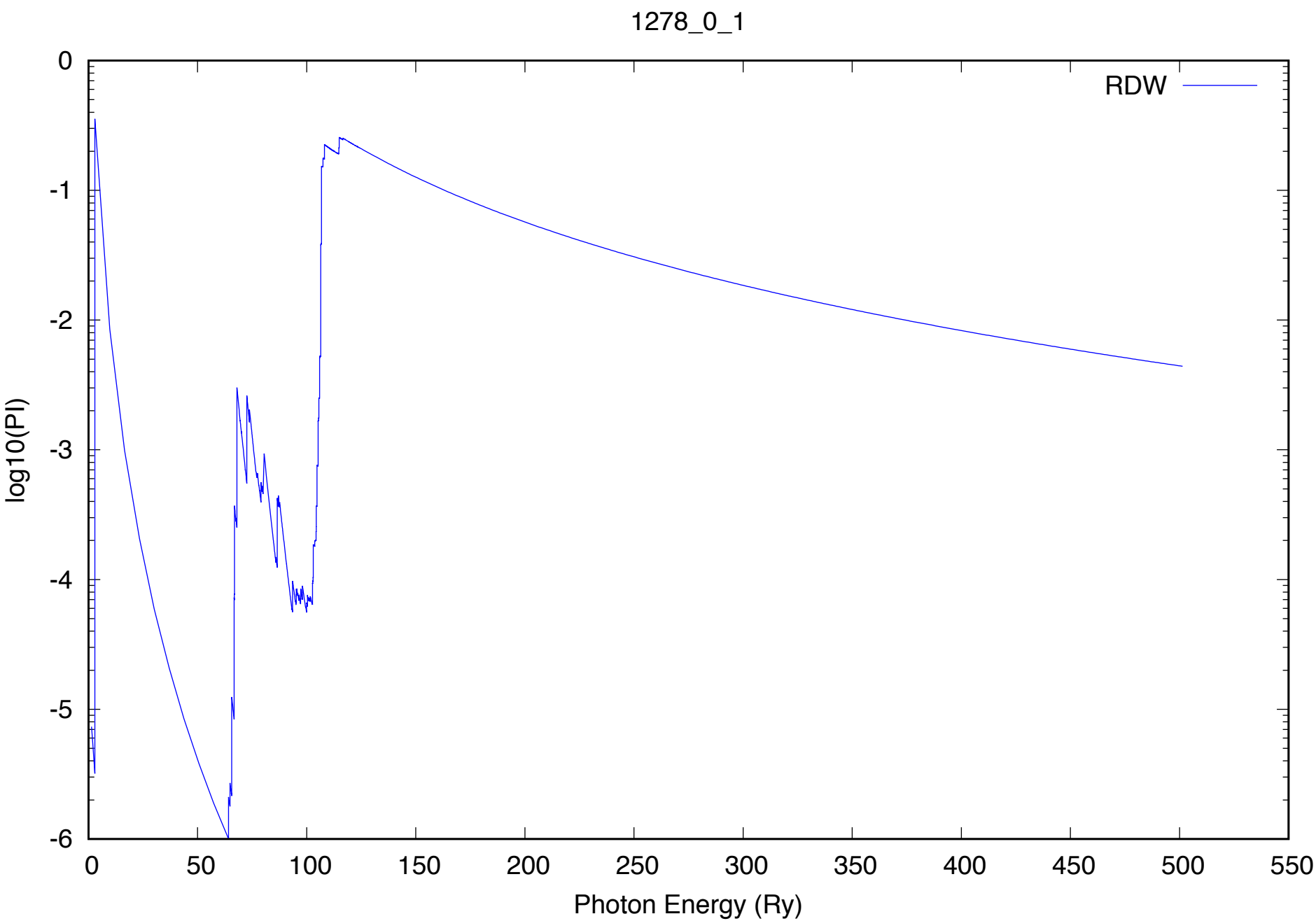
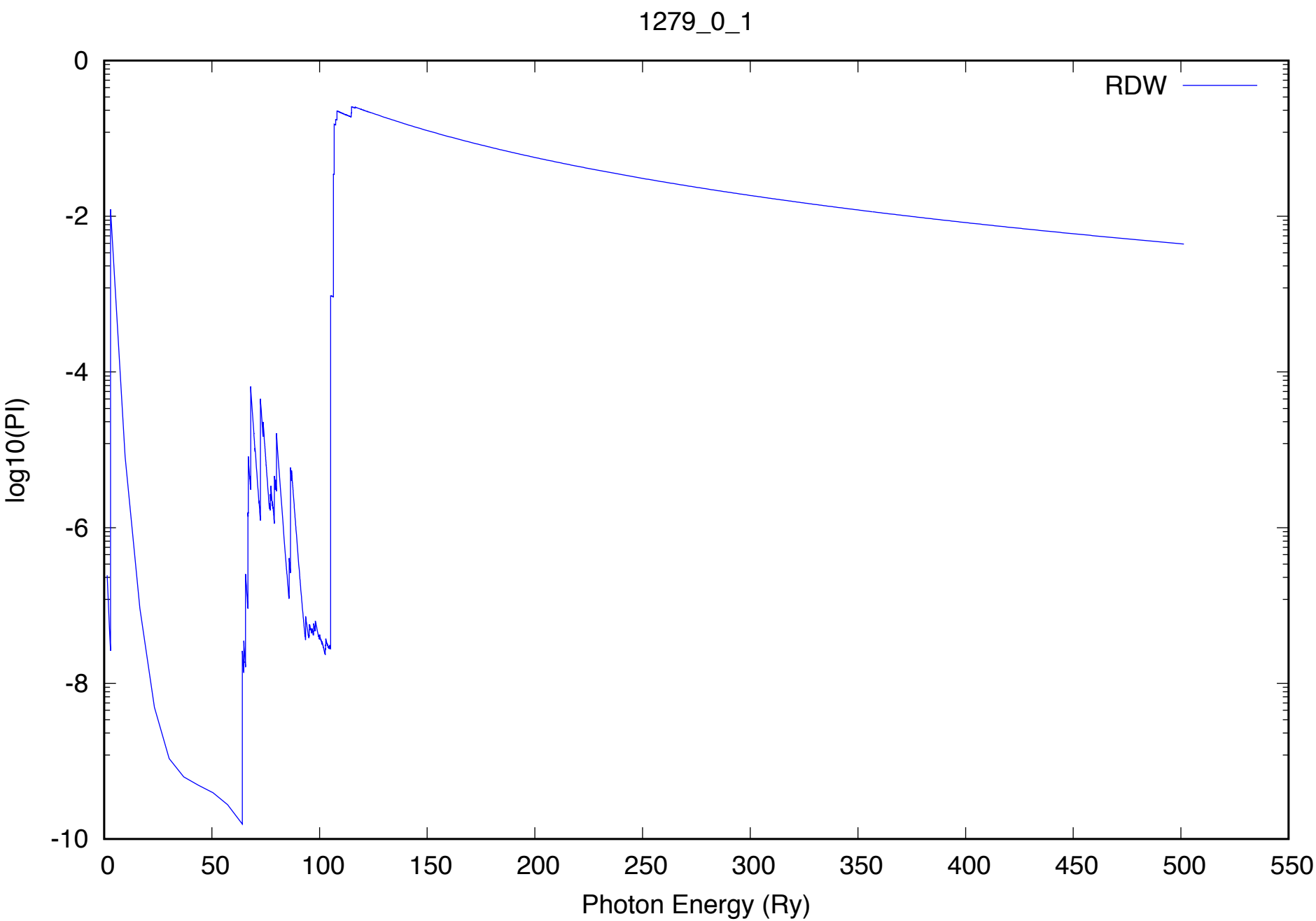
100
150
200
250
300
350
400
450
500
550


1277_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1278_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1279_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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100
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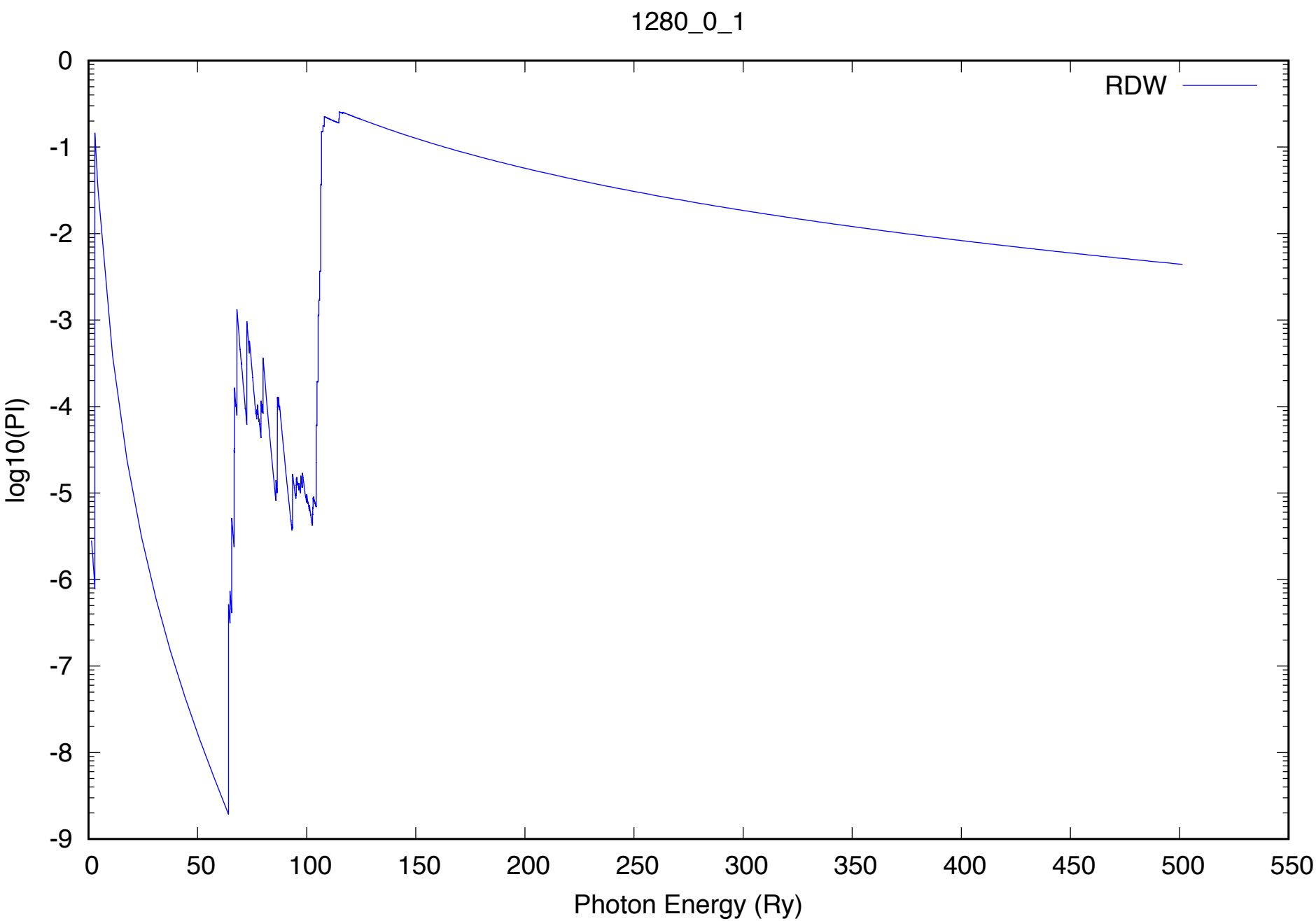
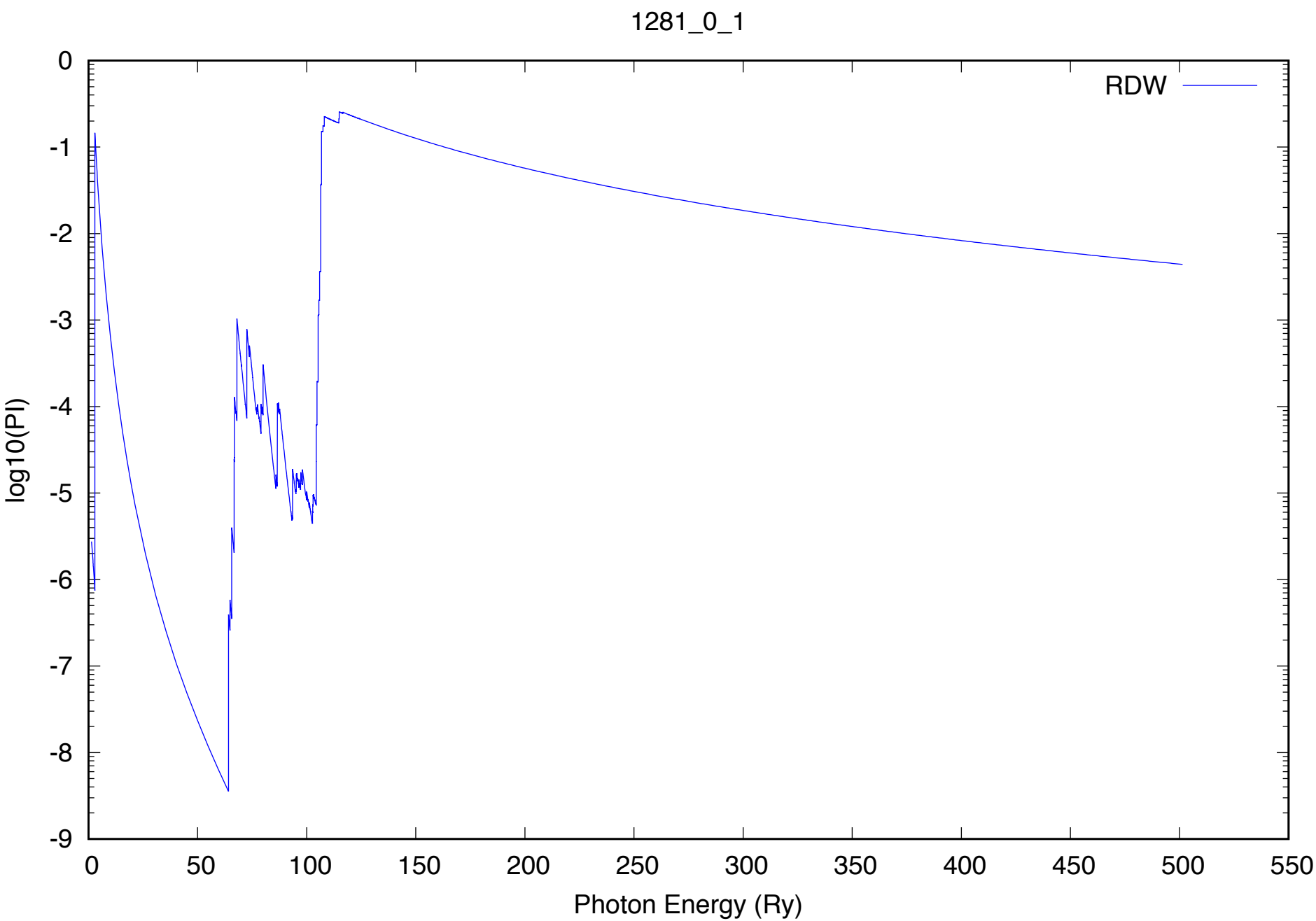
200
250
300
350
400
450
500
550


1280_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1281_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
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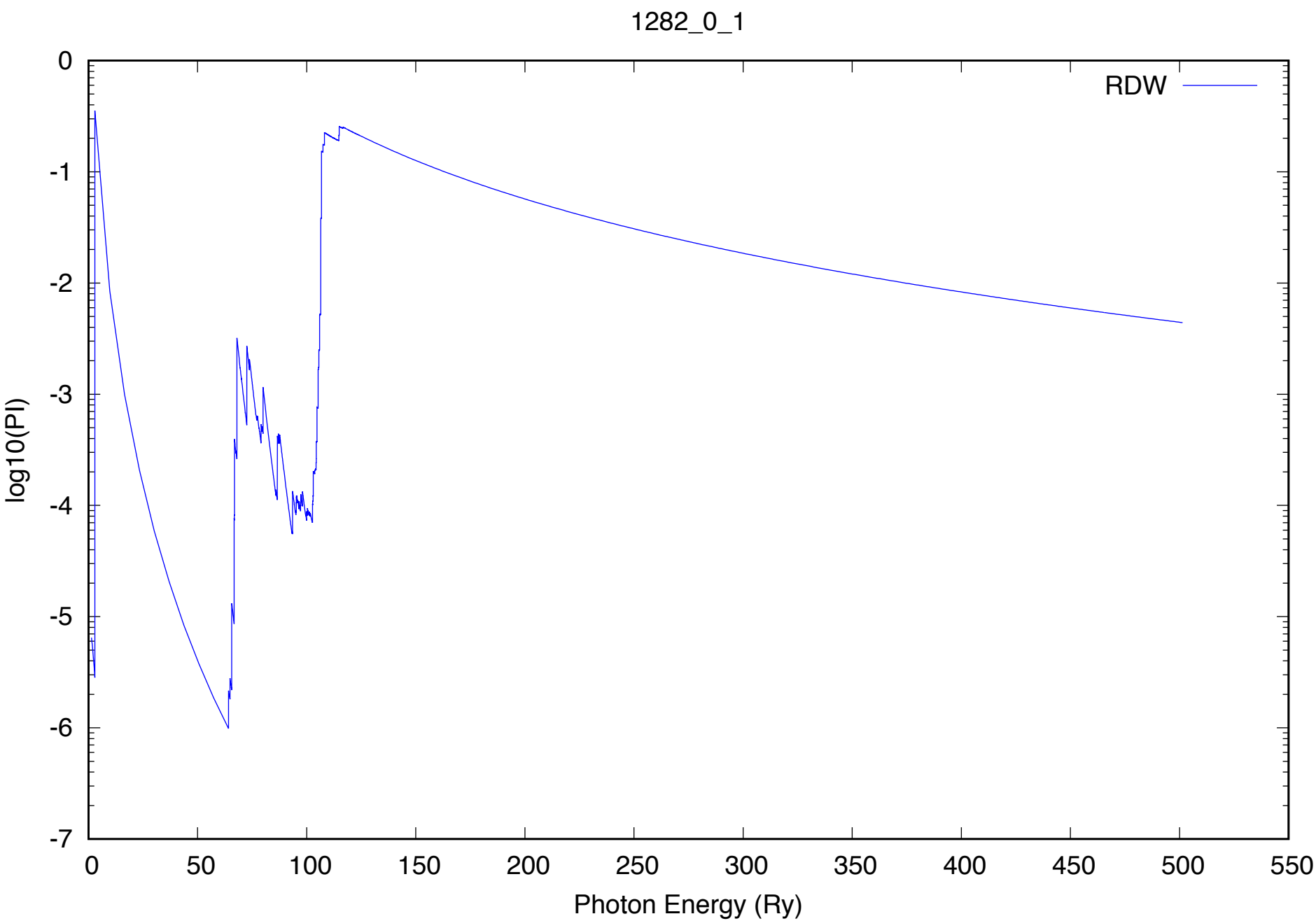
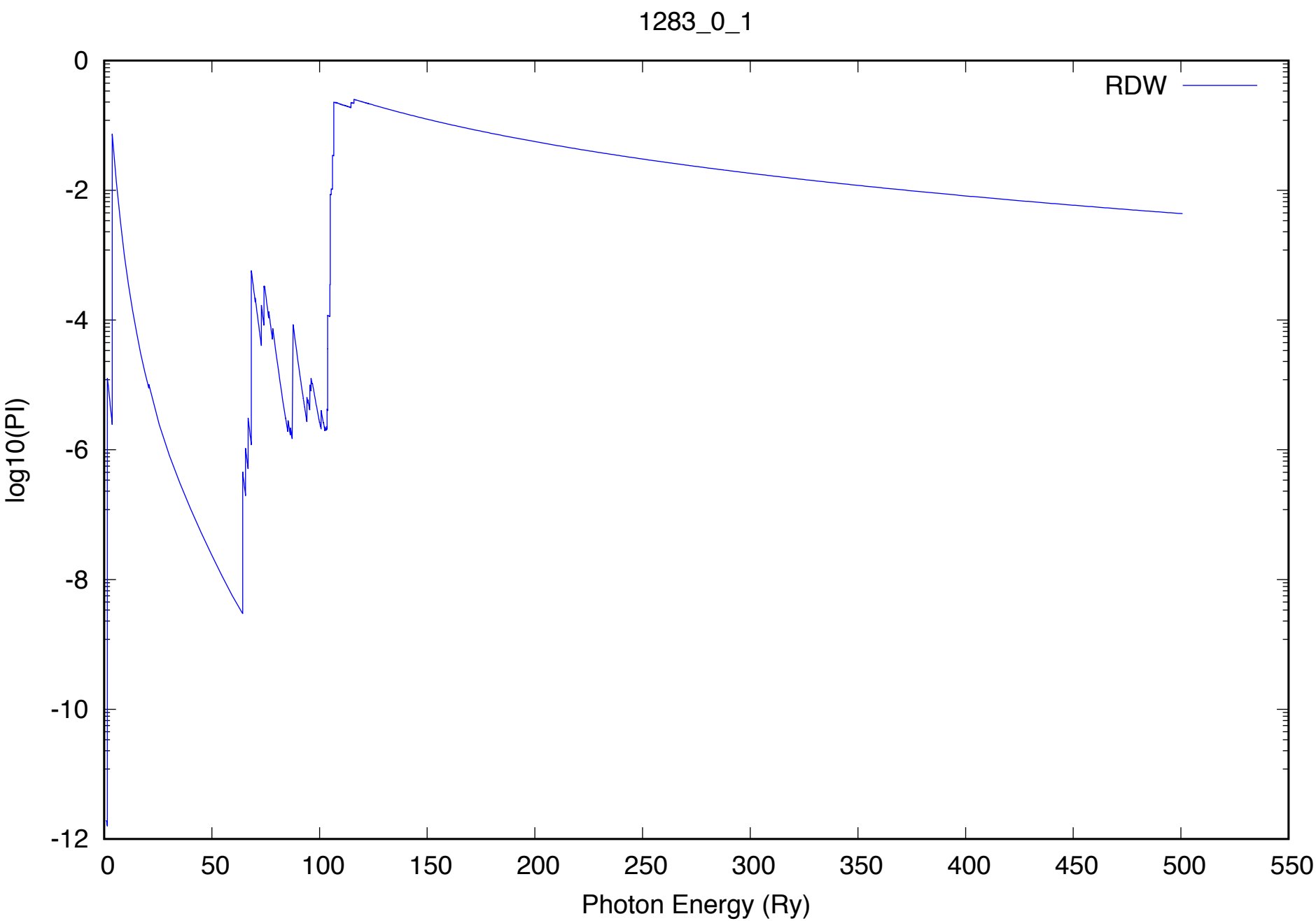

1282_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1283_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
-4
-6
-8
-10
-12
0
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100
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200
250
300
350
400
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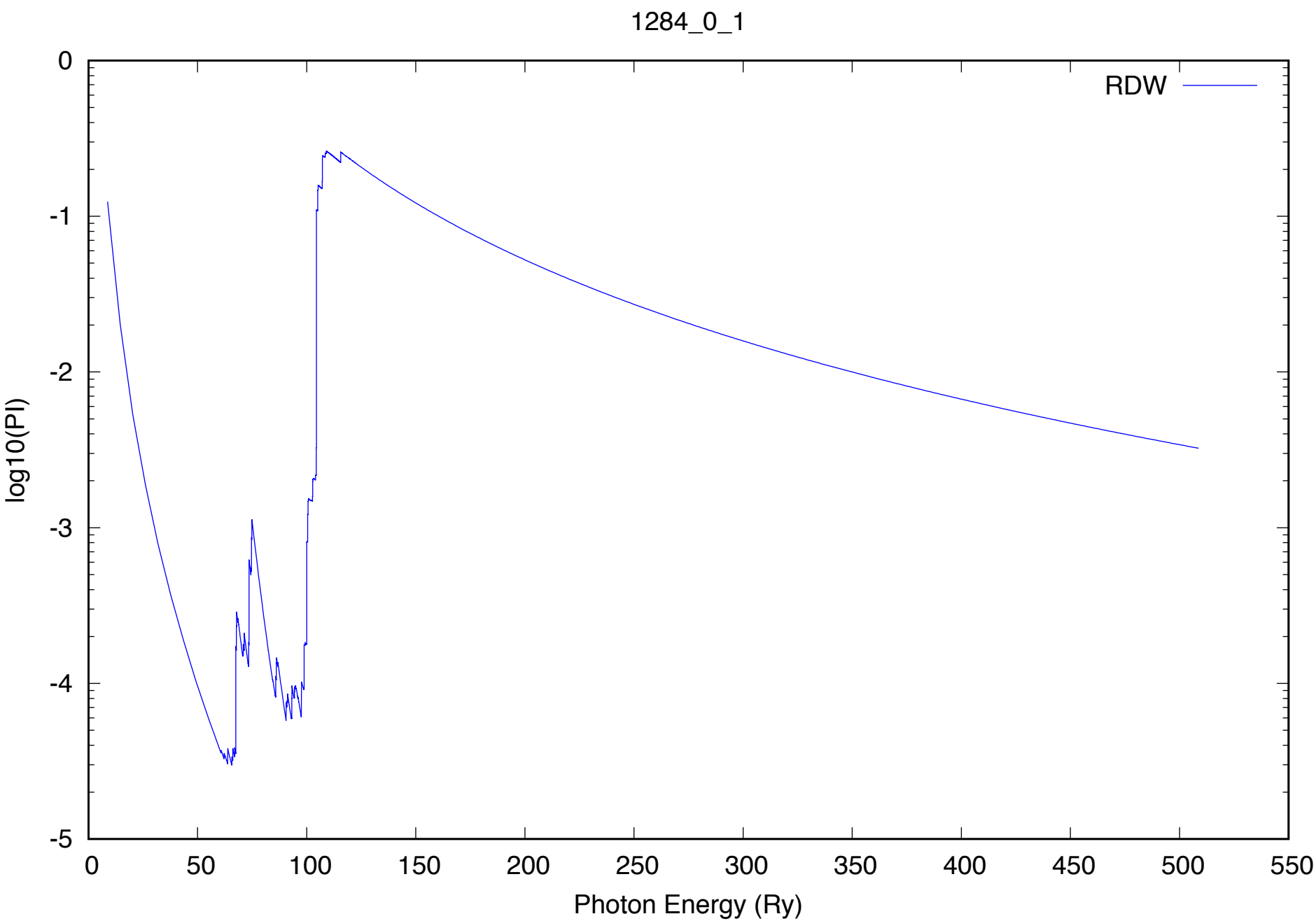
500
550


1284_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-3
-4
-5
0
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100
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200
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300
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400
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500
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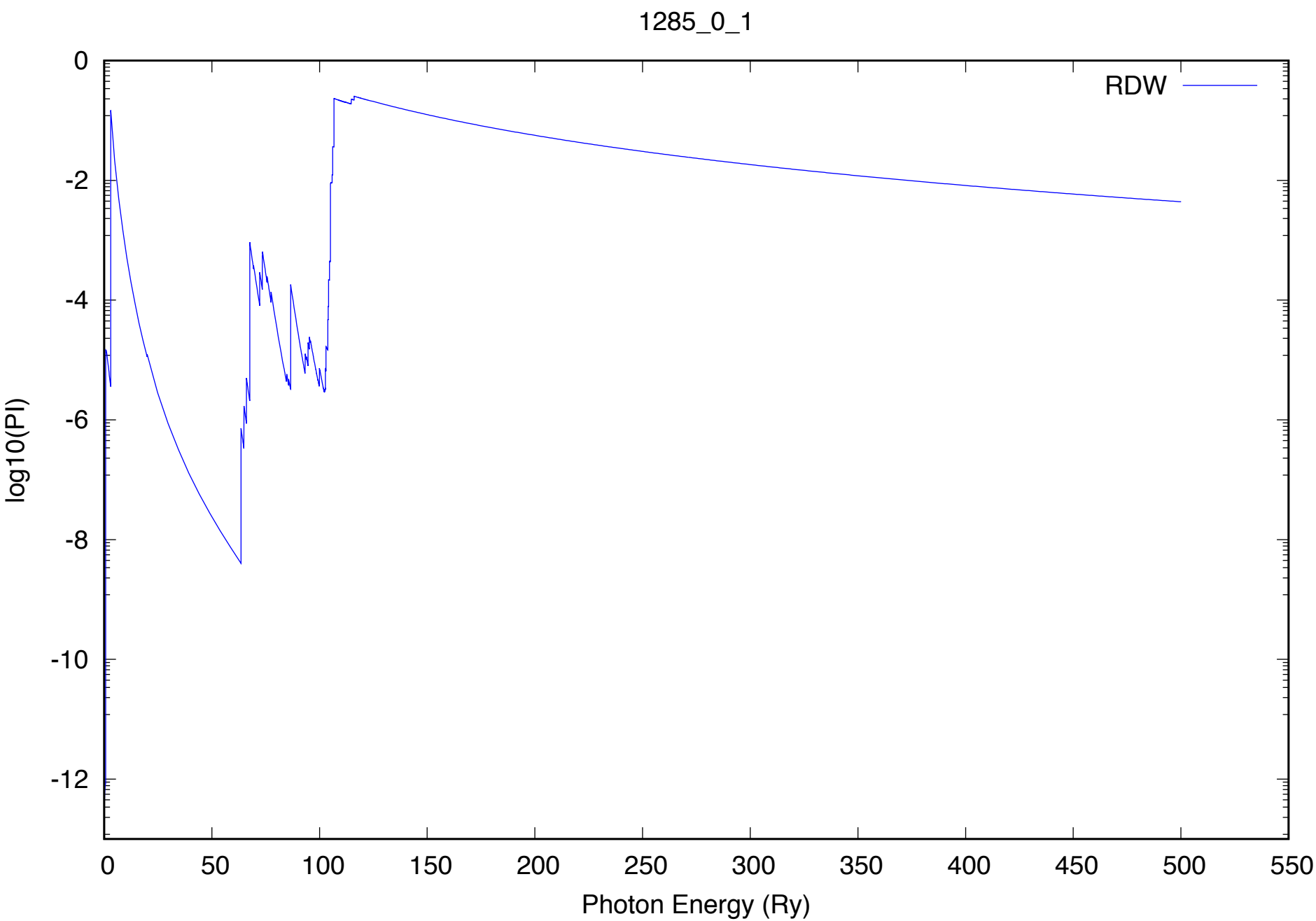
1285_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
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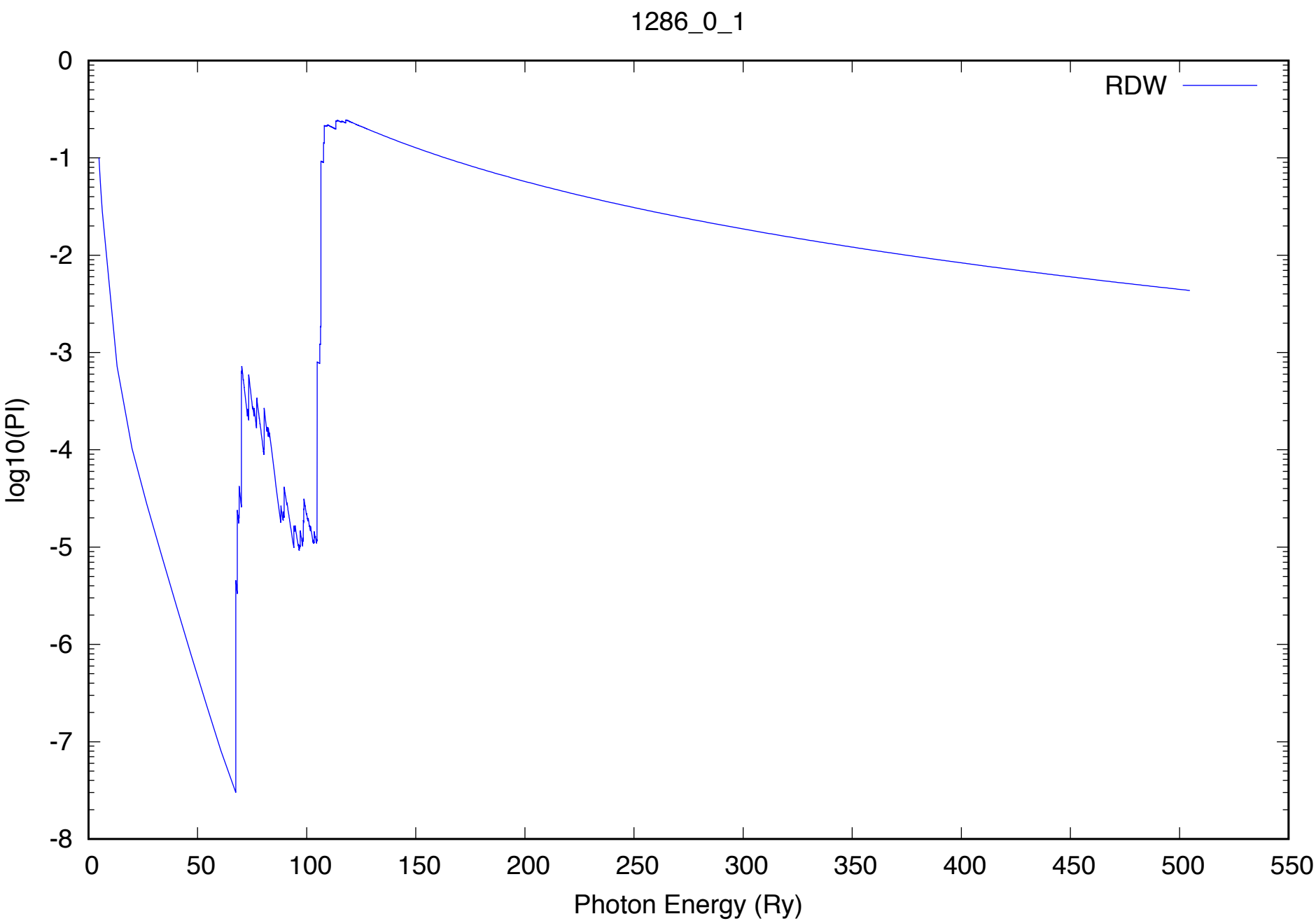
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1286_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-6
-7
-8
0
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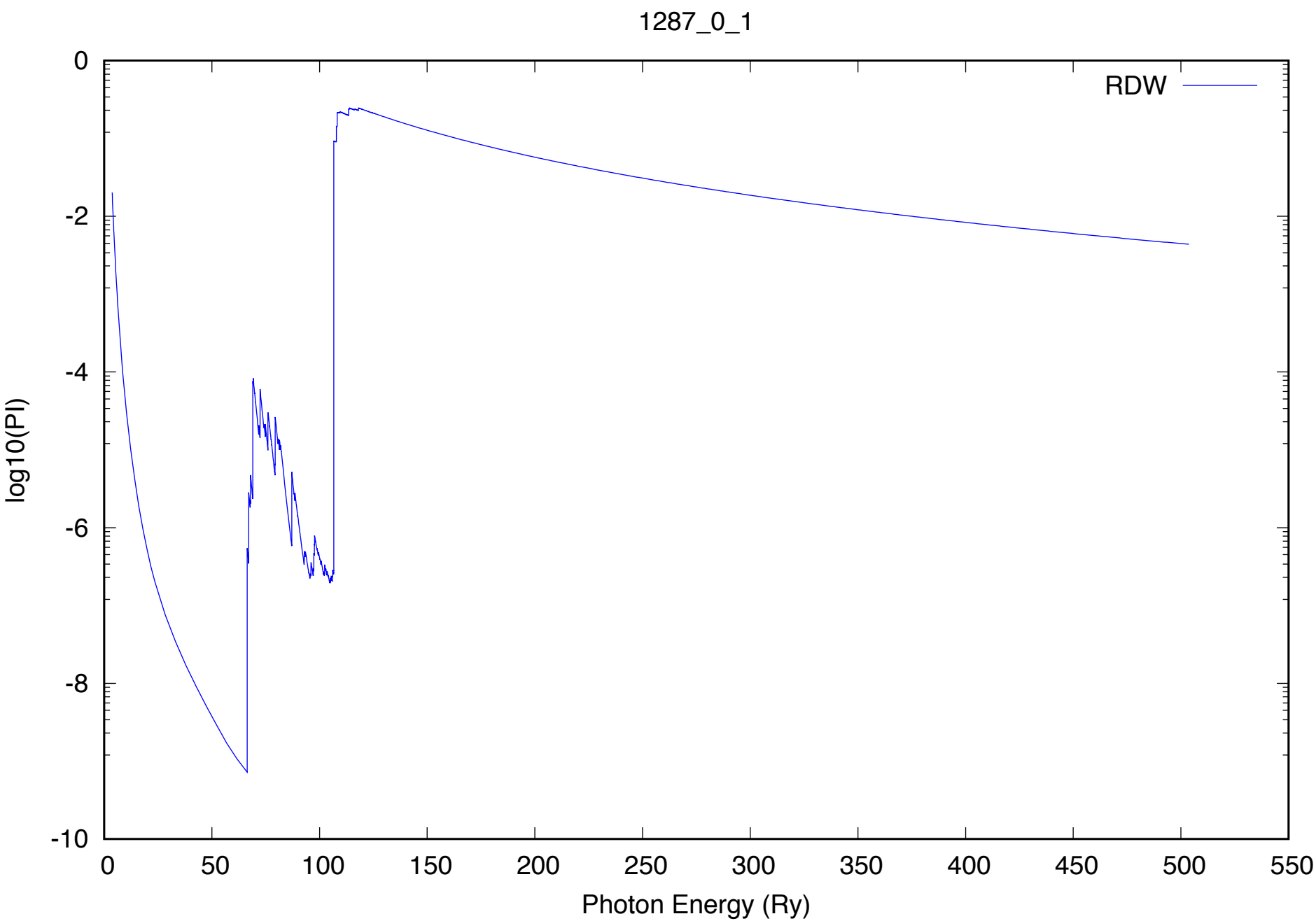
100
150
200
250
300
350
400
450
500
550


1287_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
-8
-10
0
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100
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200
250
300
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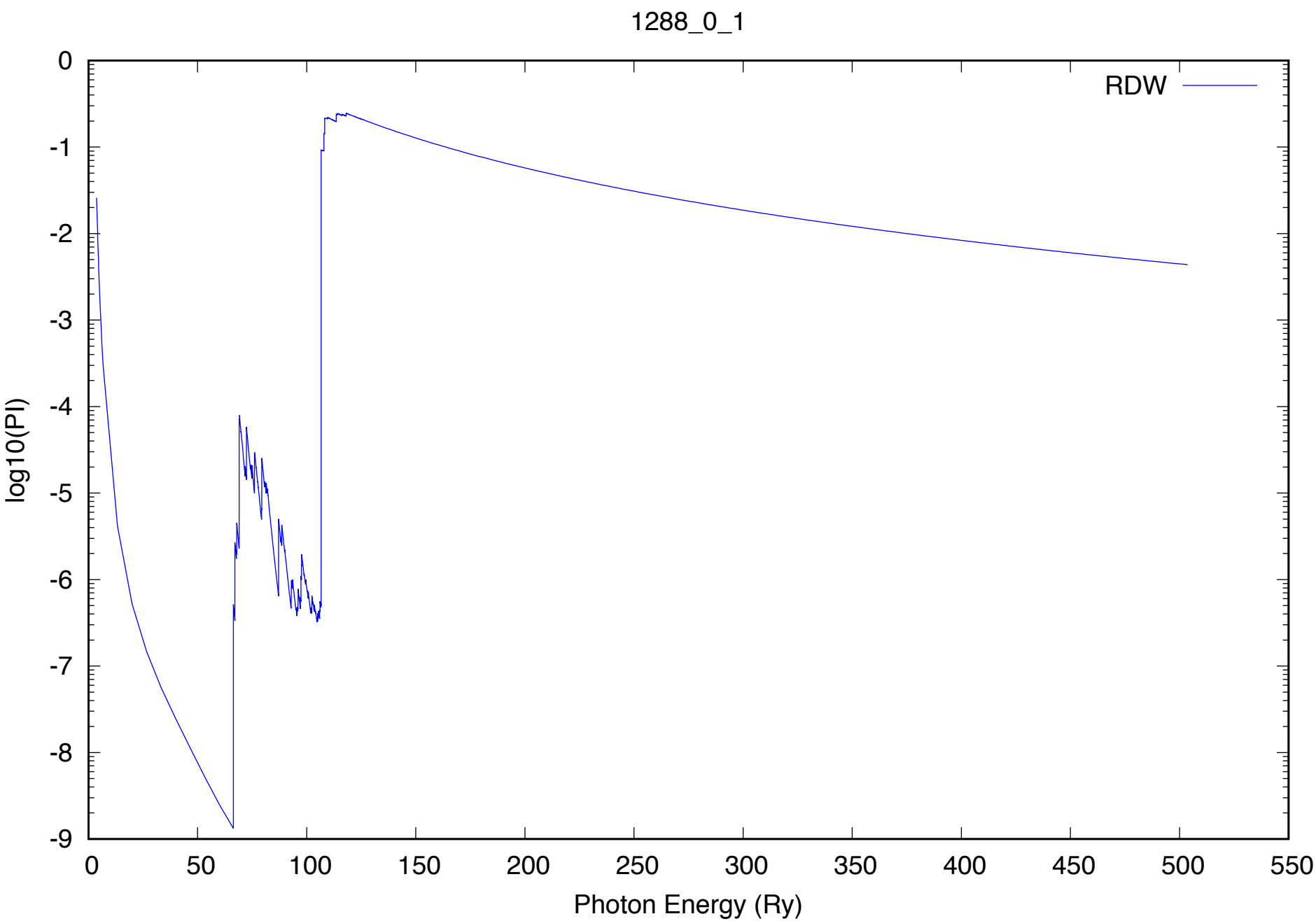
400
450
500
550


1288_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
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-7
-8
-9
0
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200
250
300
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400
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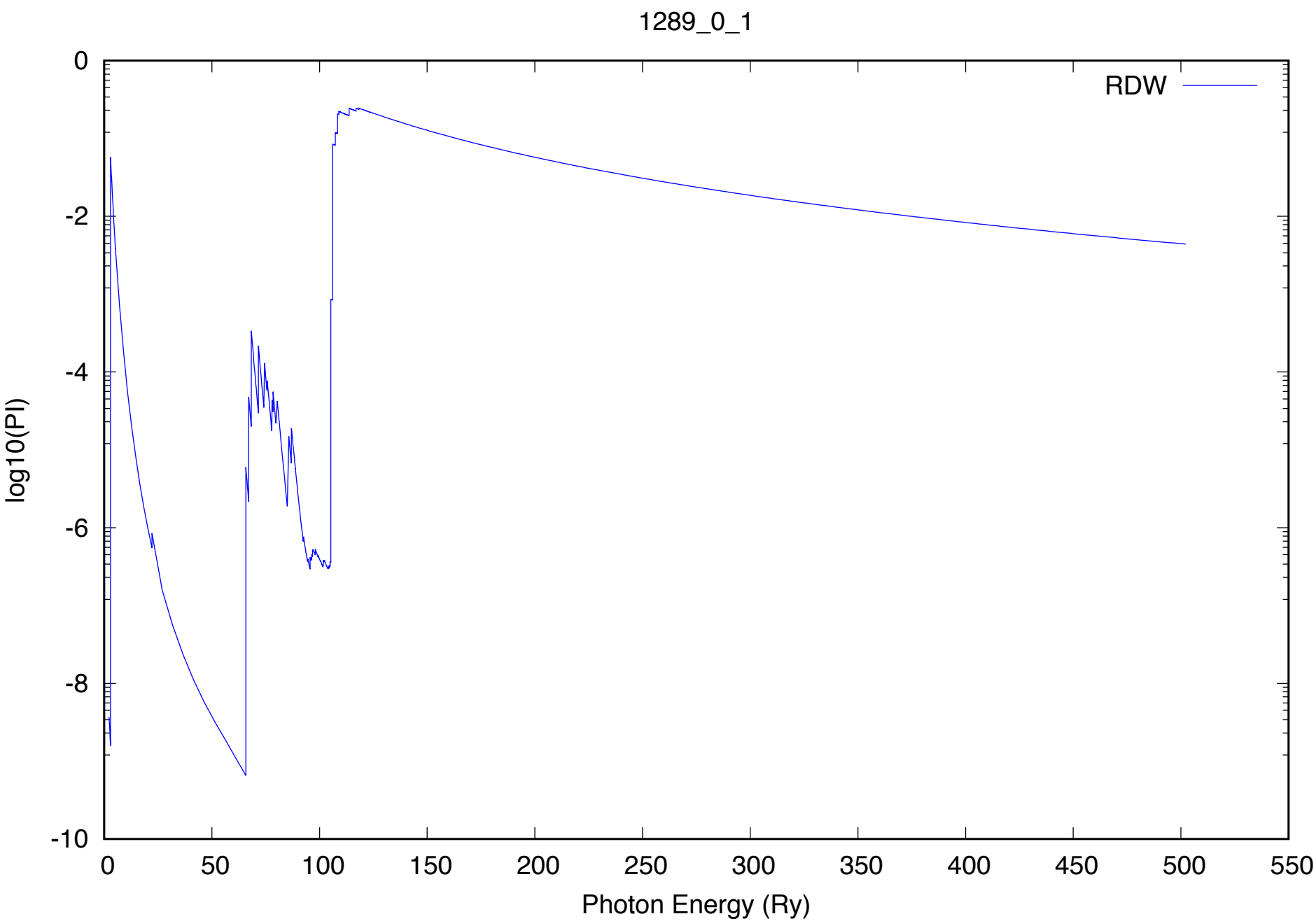
500
550


1289_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
-8
-10
0
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500
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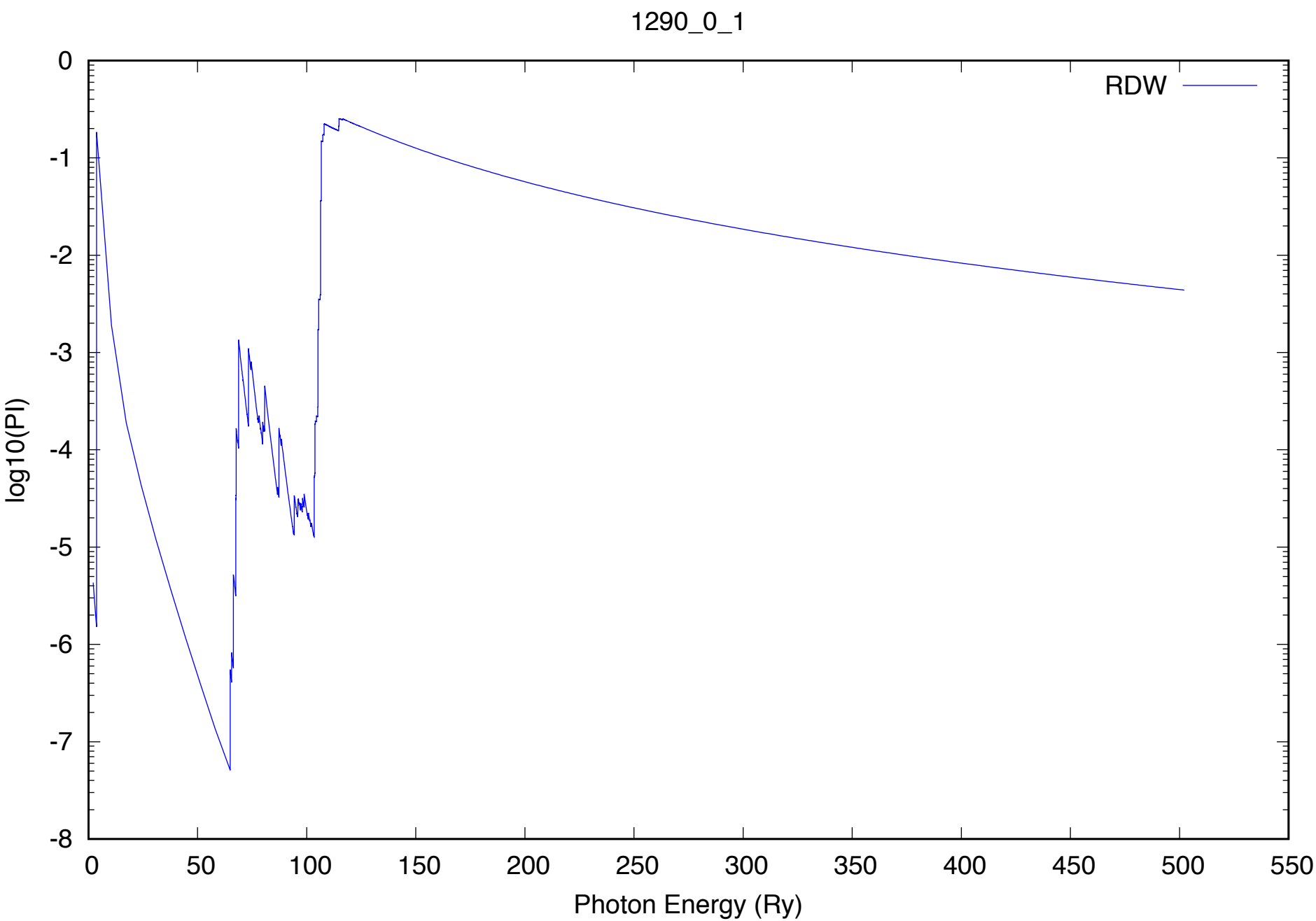
1290_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
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-6
-7
-8
0
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100
150
200
250
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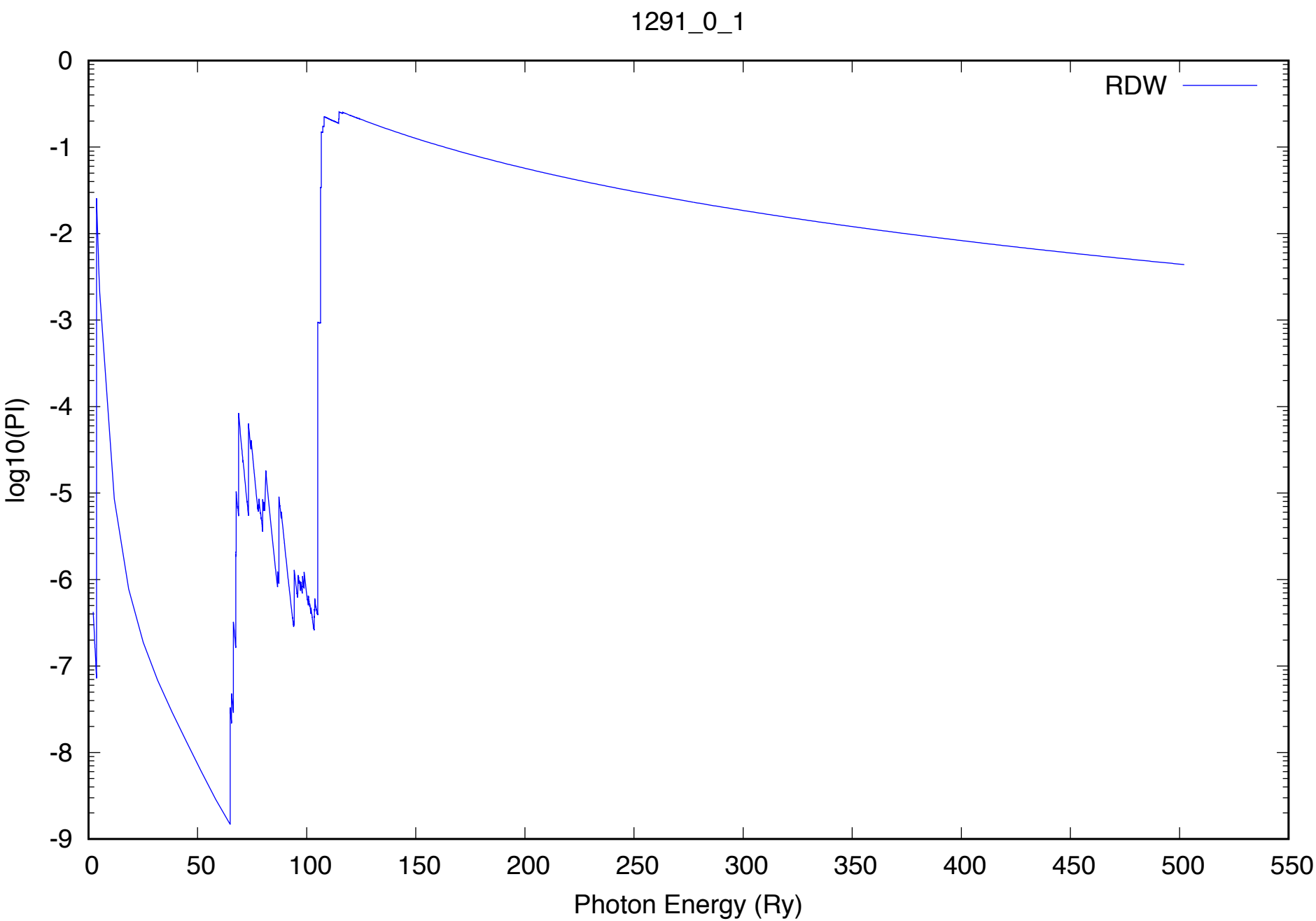
500
550


1291_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
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-5
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-7
-8
-9
0
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100
150
200
250
300
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400
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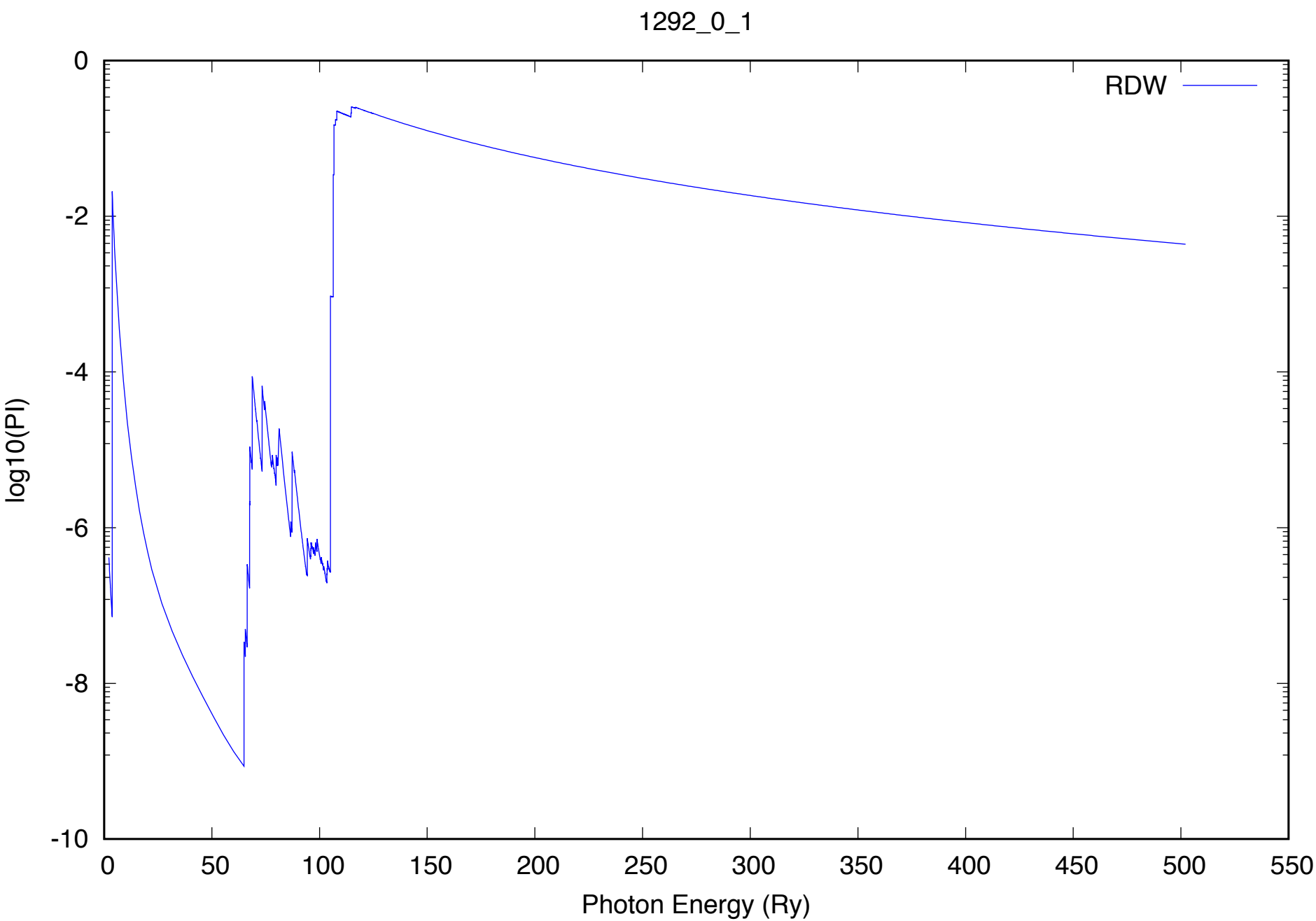
500
550


1292_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-8
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300
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400
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500
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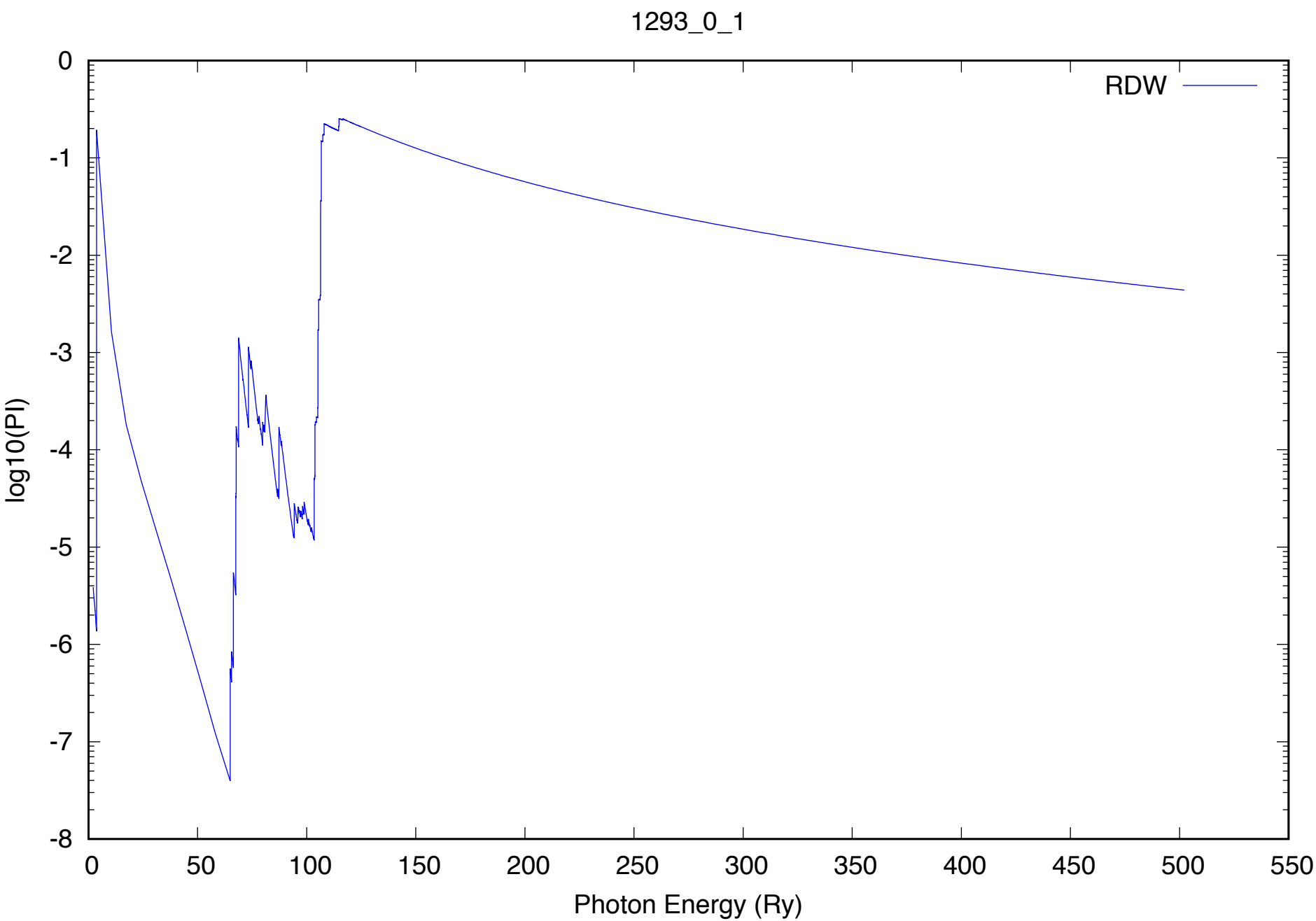
1293_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
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-4
-5
-6
-7
-8
0
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100
150
200
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300
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400
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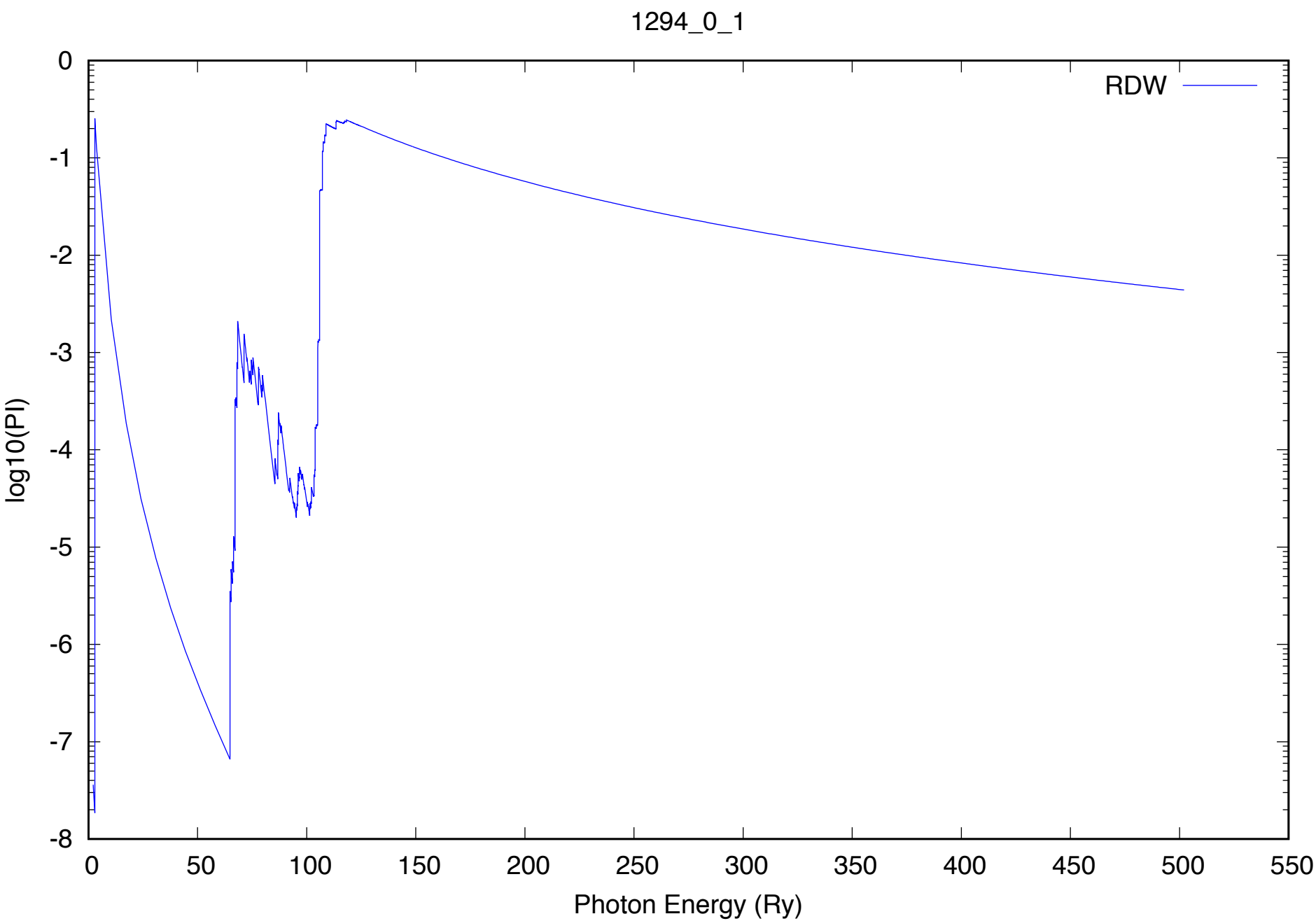
500
550


1294_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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100
150
200
250
300
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400
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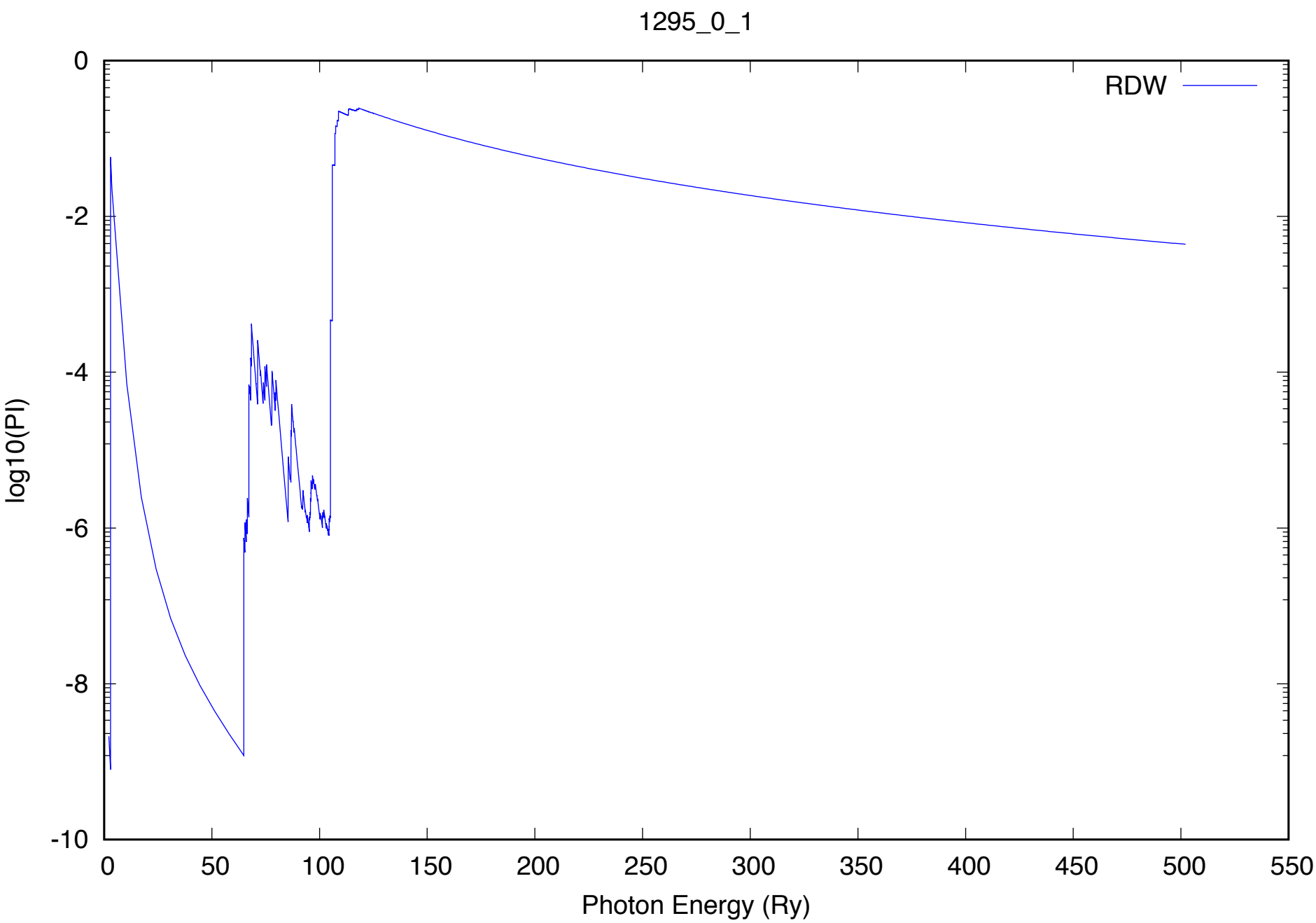
500
550


1295_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
-8
-10
0
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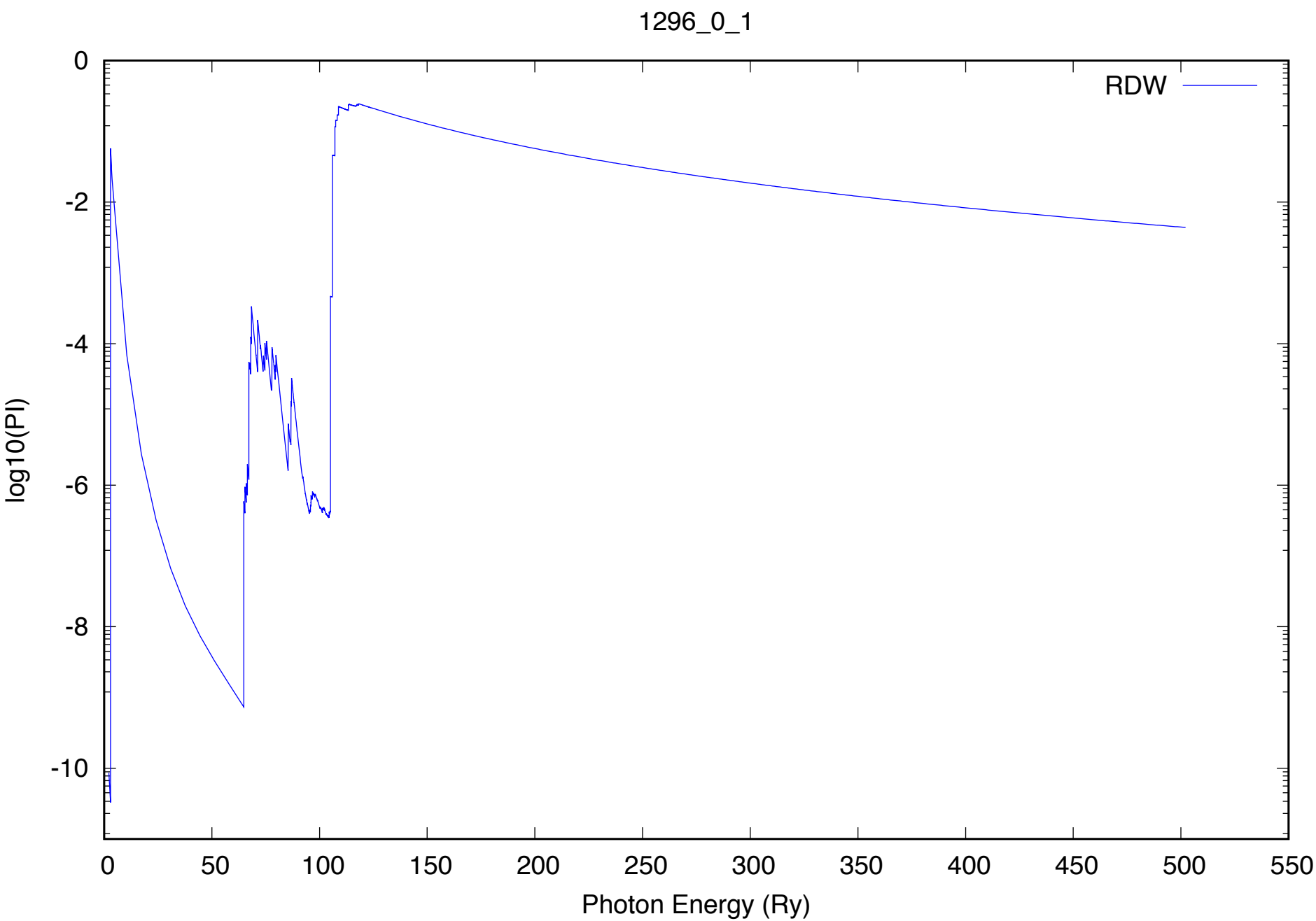
100
150
200
250
300
350
400
450
500
550


1296_0_1
RDW
0
-2
-4
-6
-8
-10
log10(PI)
0
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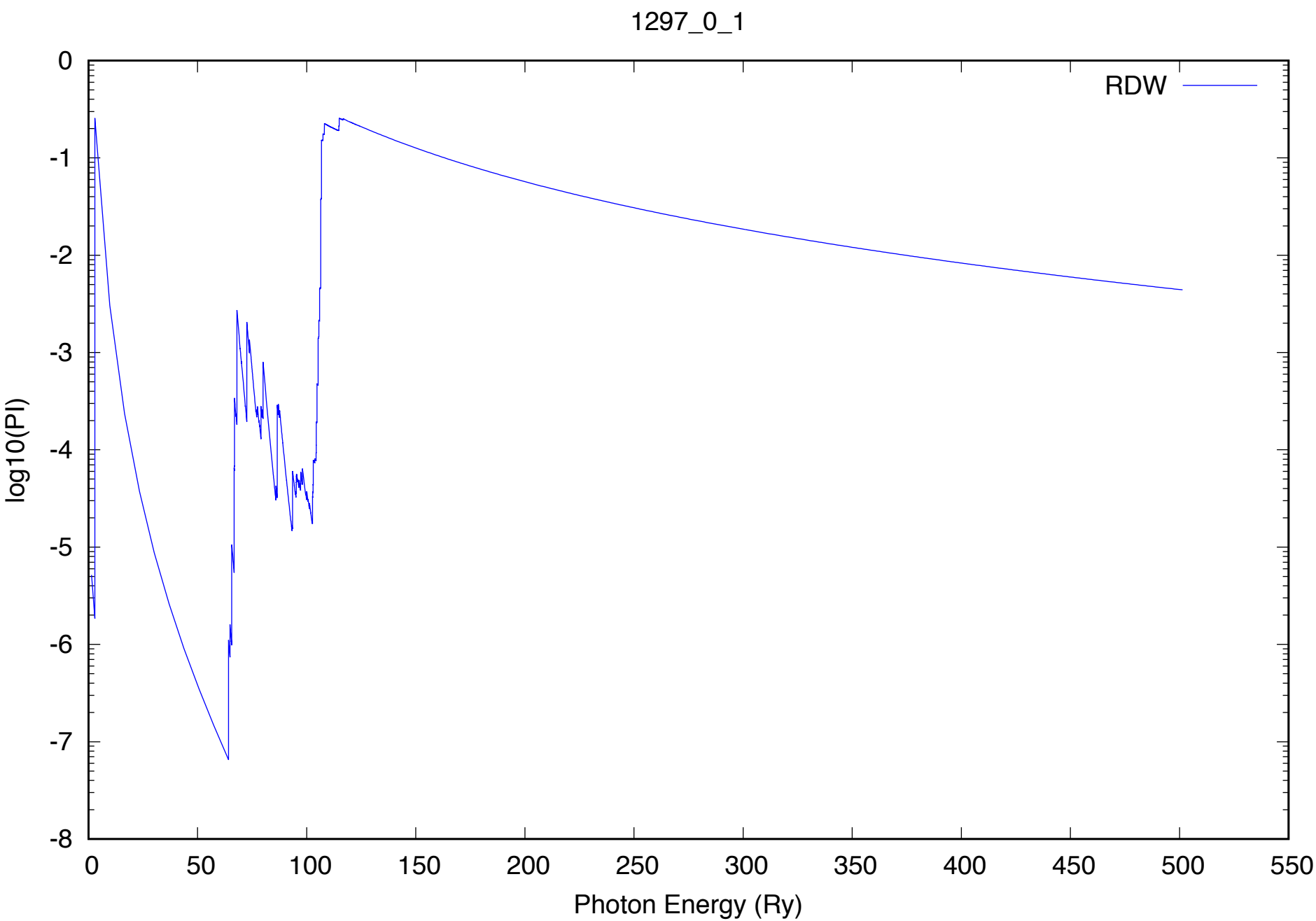
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1297_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
-7
-8
0
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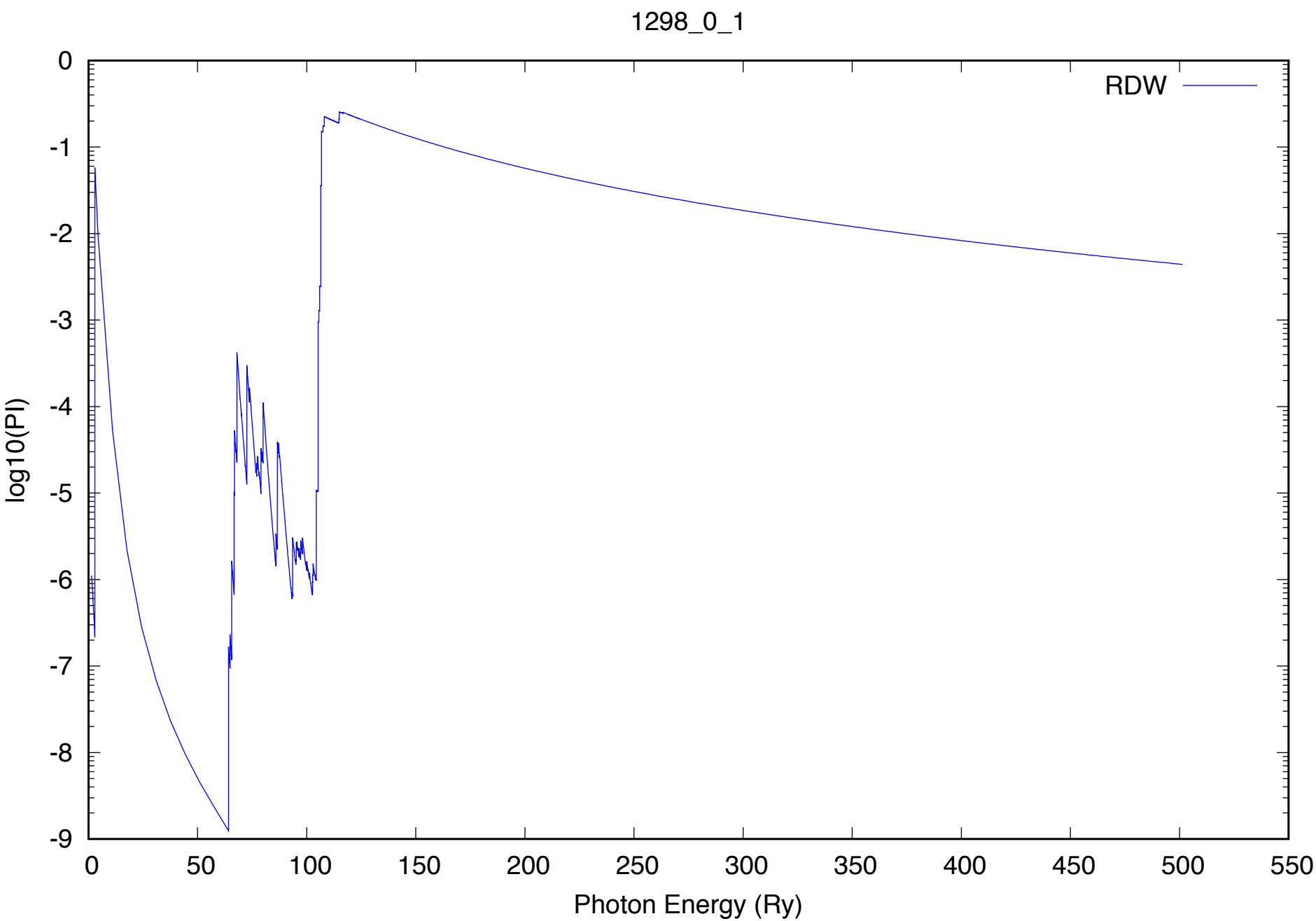
100
150
200
250
300
350
400
450
500
550


1298_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
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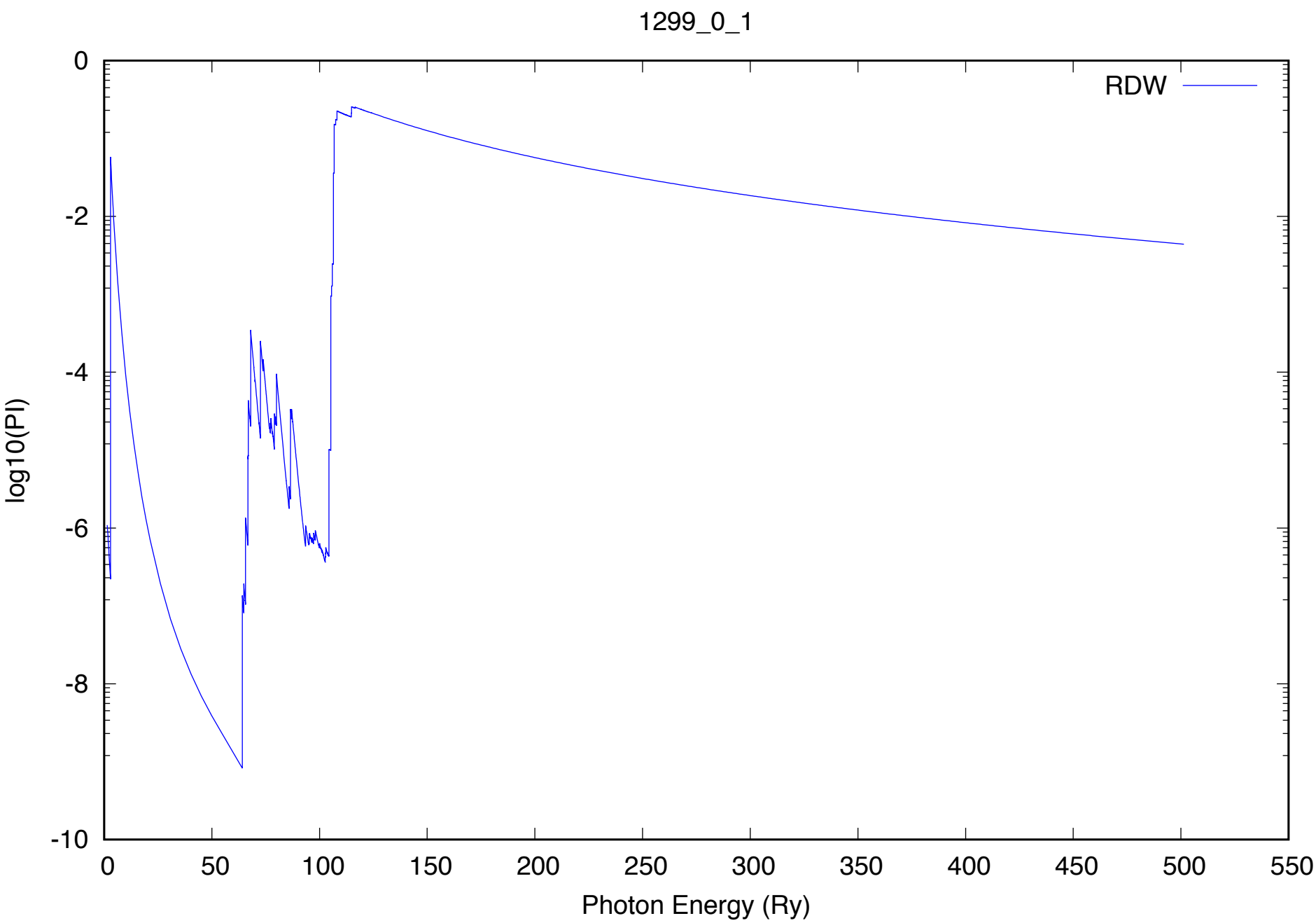
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1299_0_1
RDW
0
-2
-4
-6
-8
-10
log10(PI)
0
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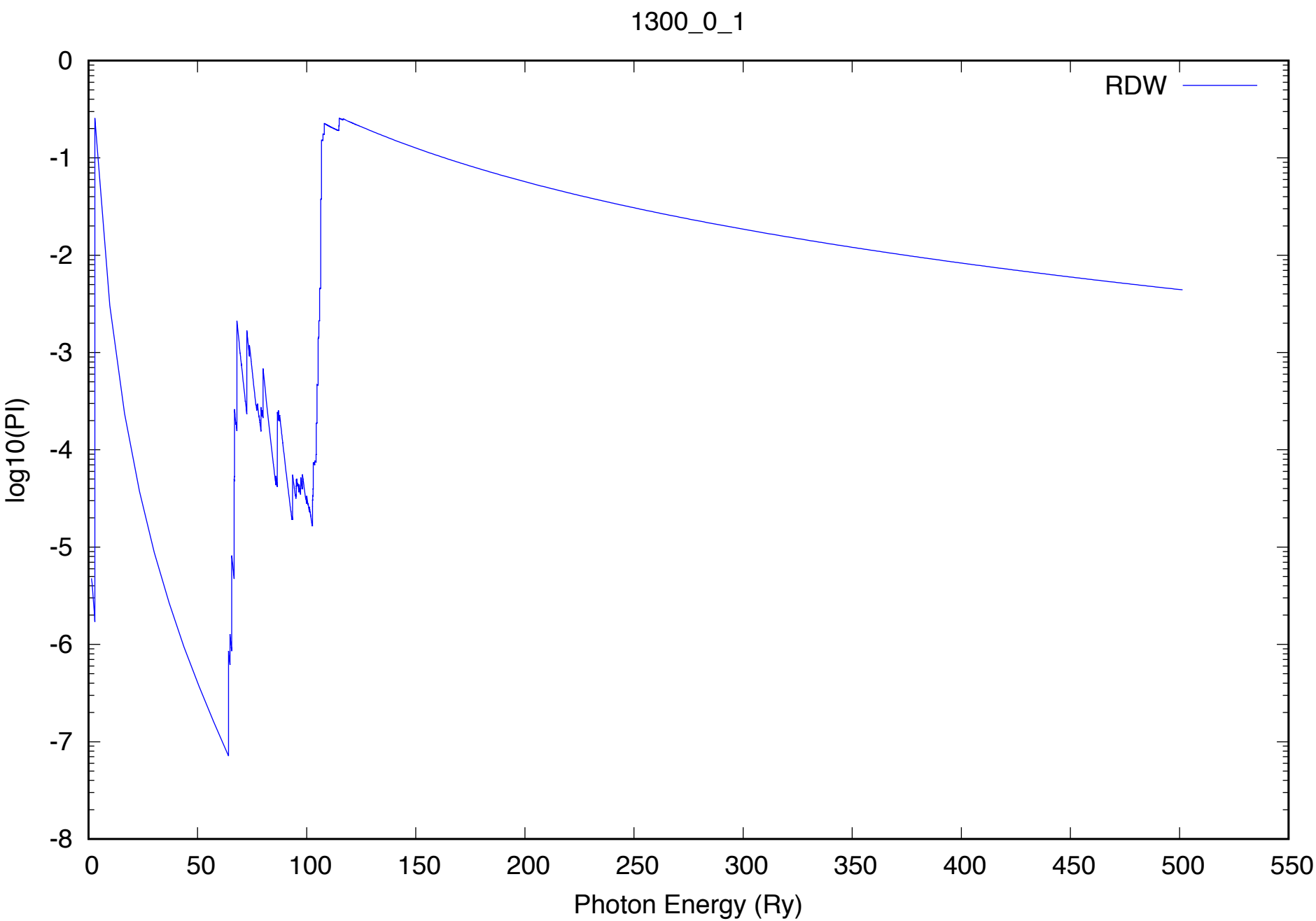
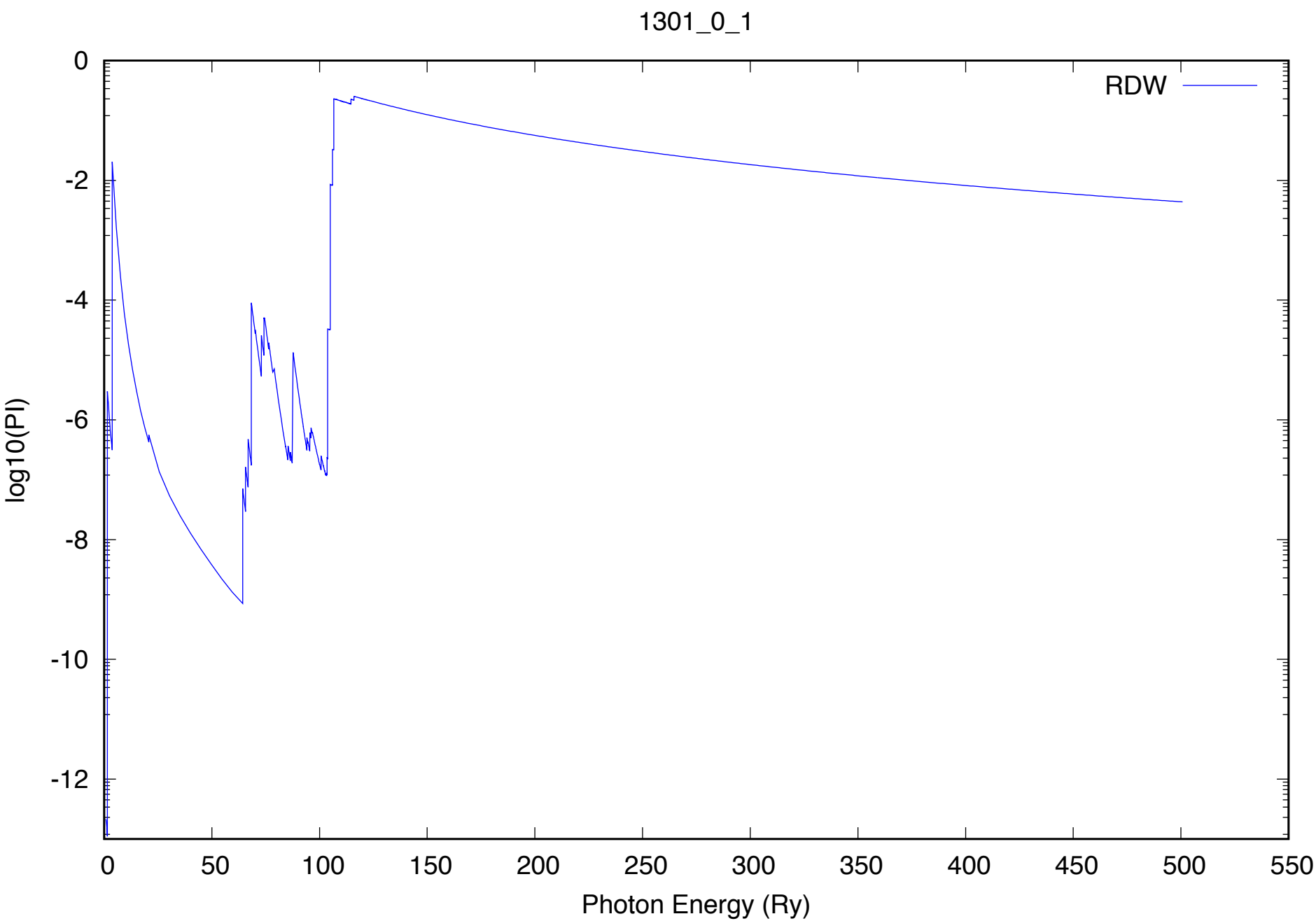
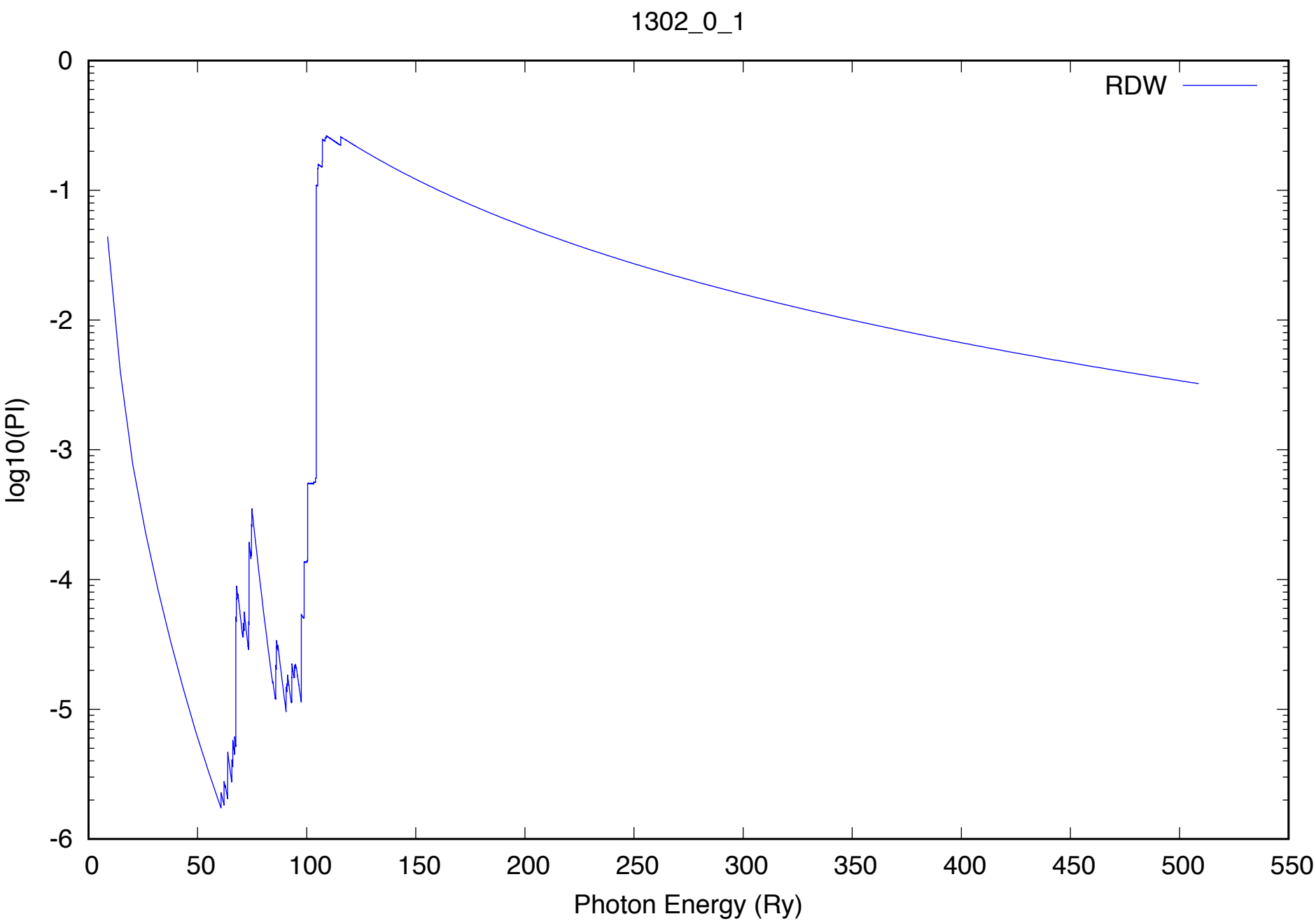
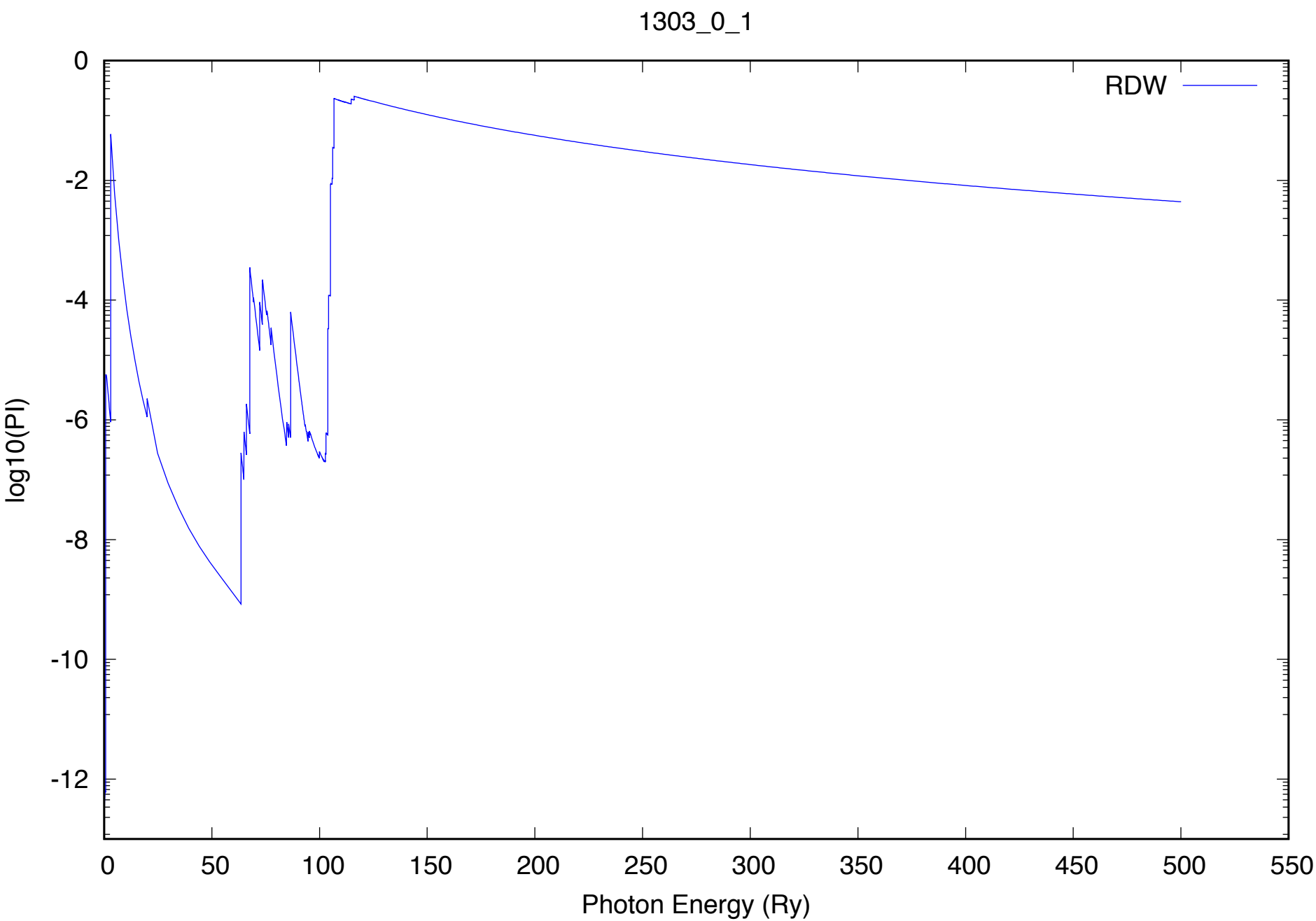
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1300_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1301_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1302_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1303_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
-4
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-8
-10
-12
0
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200
250
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500
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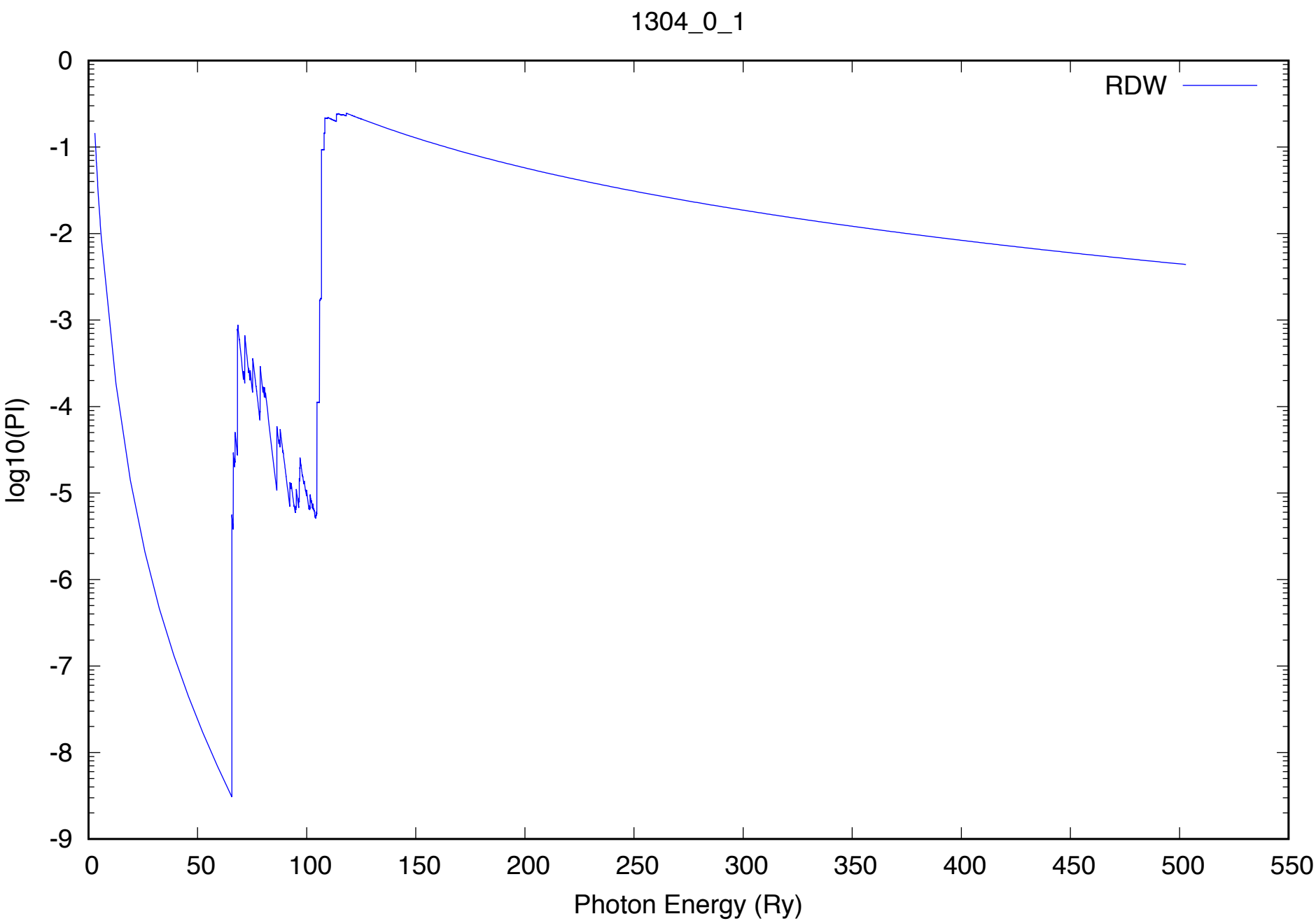
1304_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
-8
-9
0
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100
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200
250
300
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400
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500
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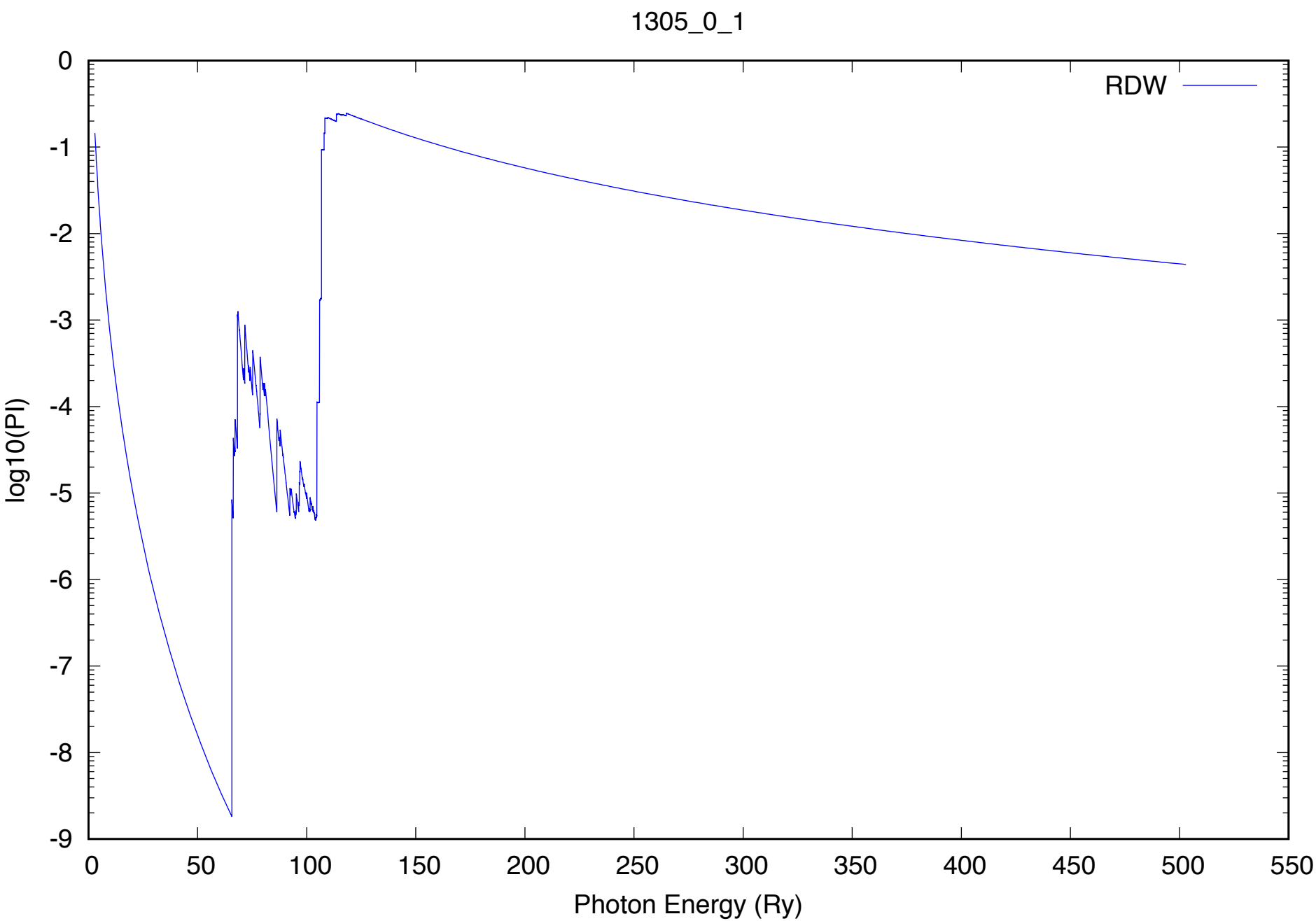
1305_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
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400
450
500
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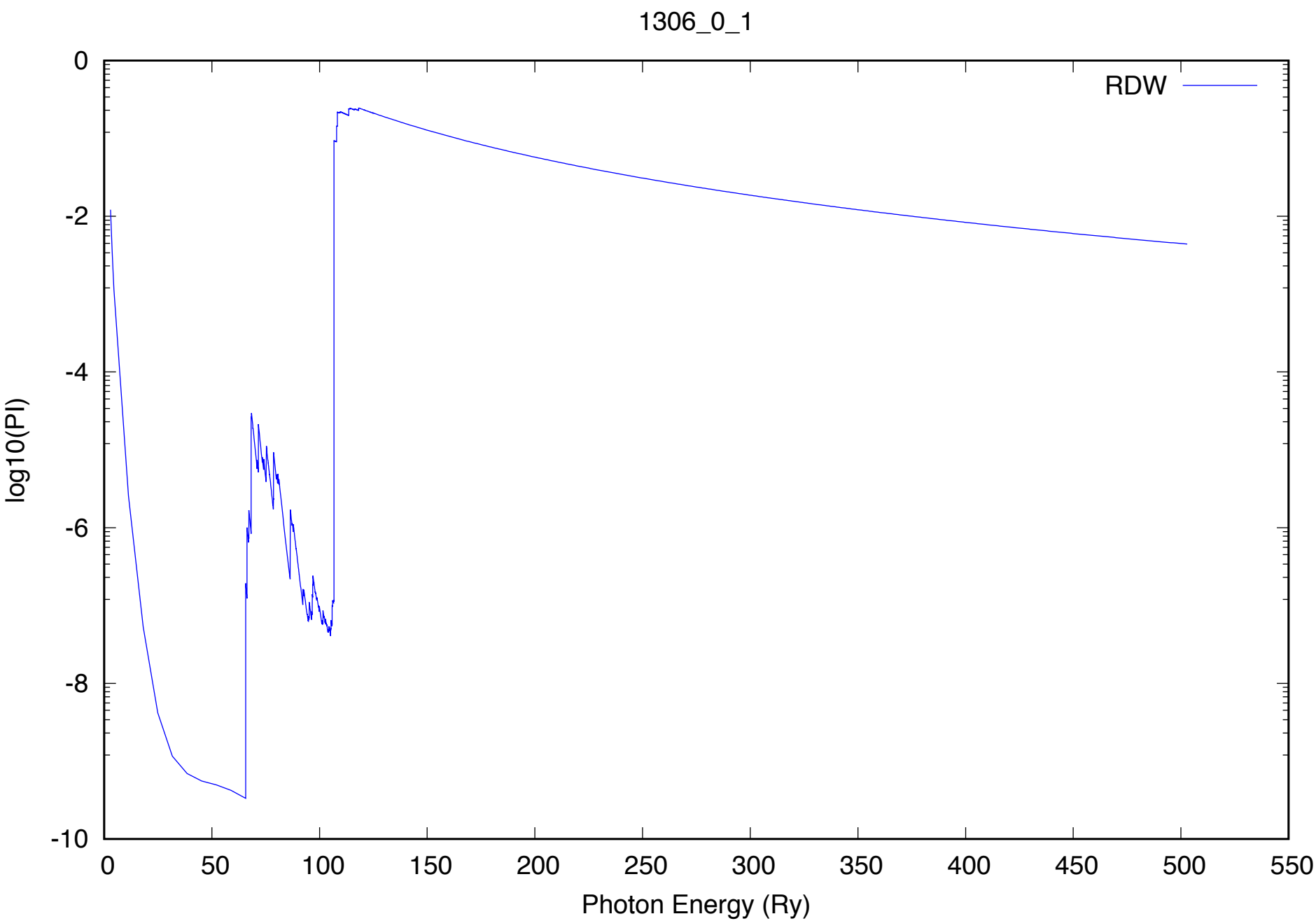
1306_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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100
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200
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300
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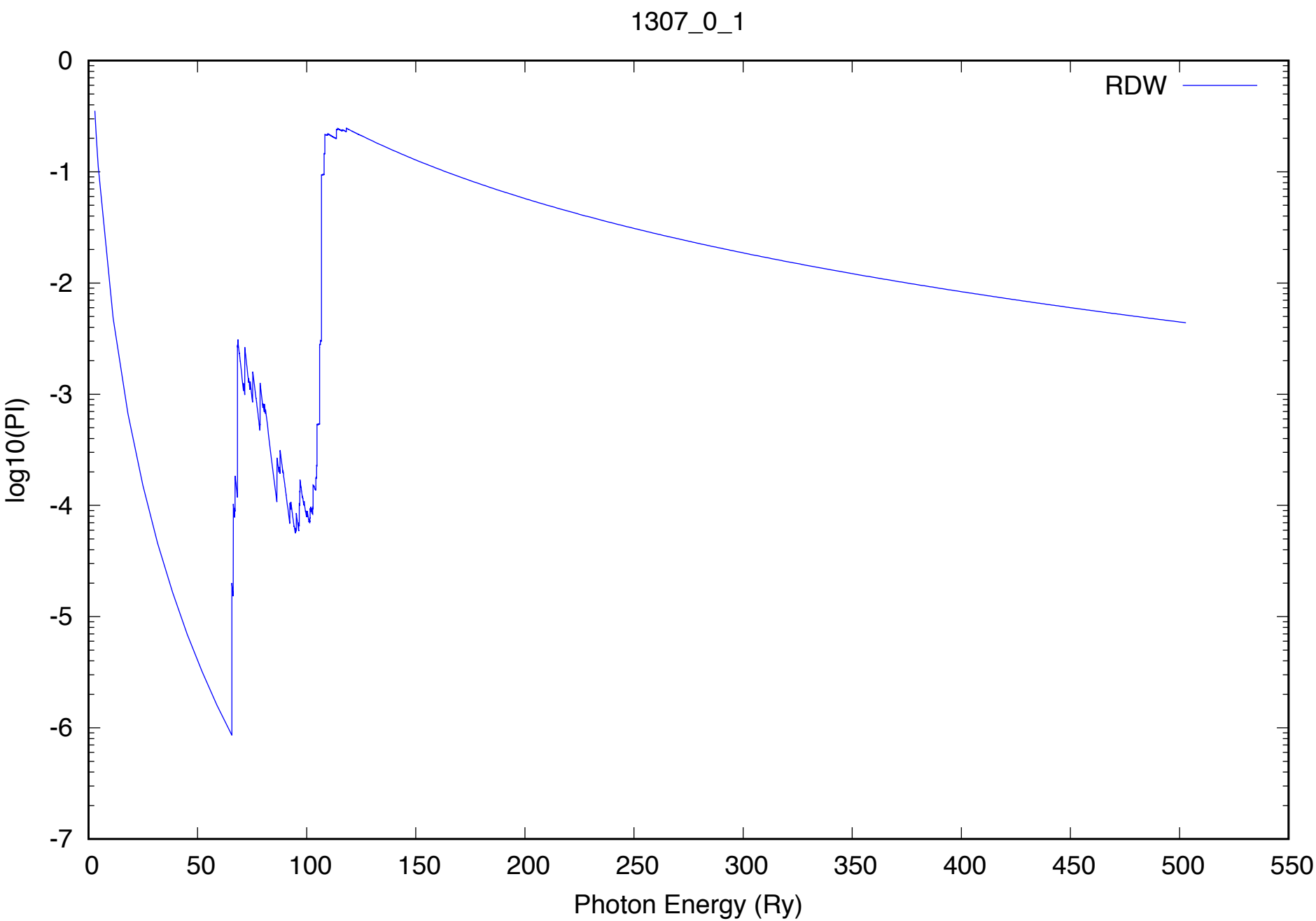
400
450
500
550


1307_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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100
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200
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300
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400
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500
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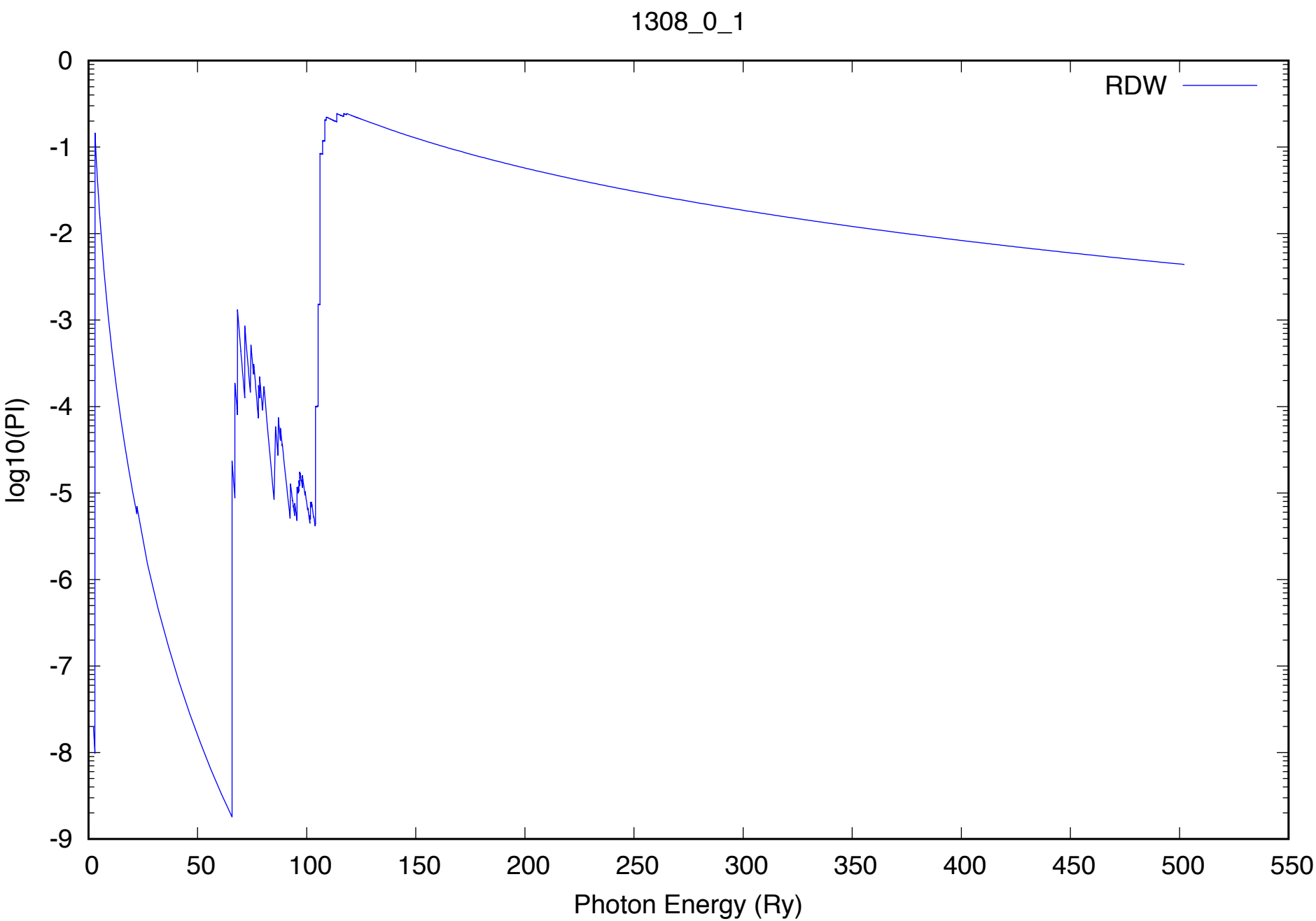
1308_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
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500
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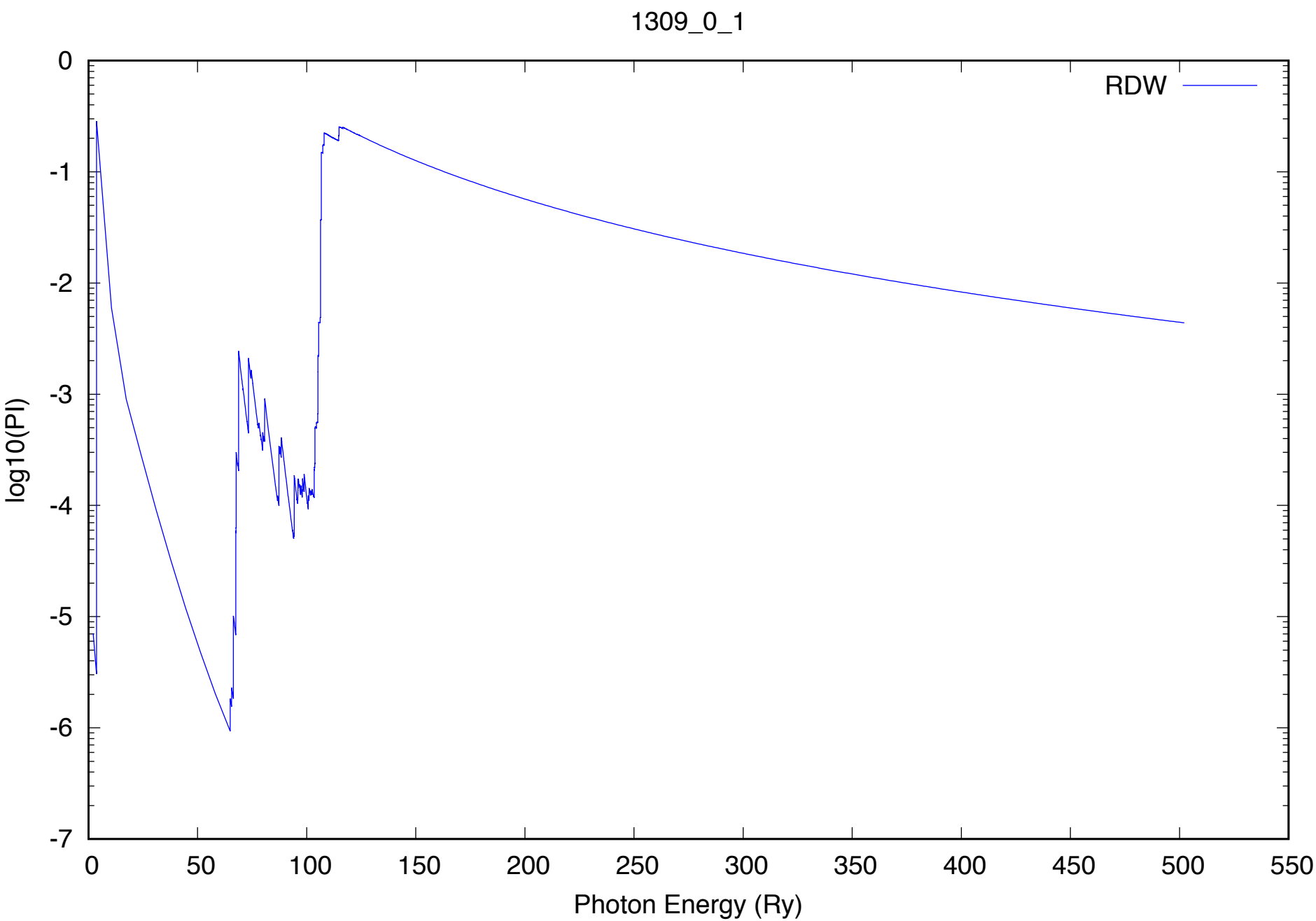
1309_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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100
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200
250
300
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400
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500
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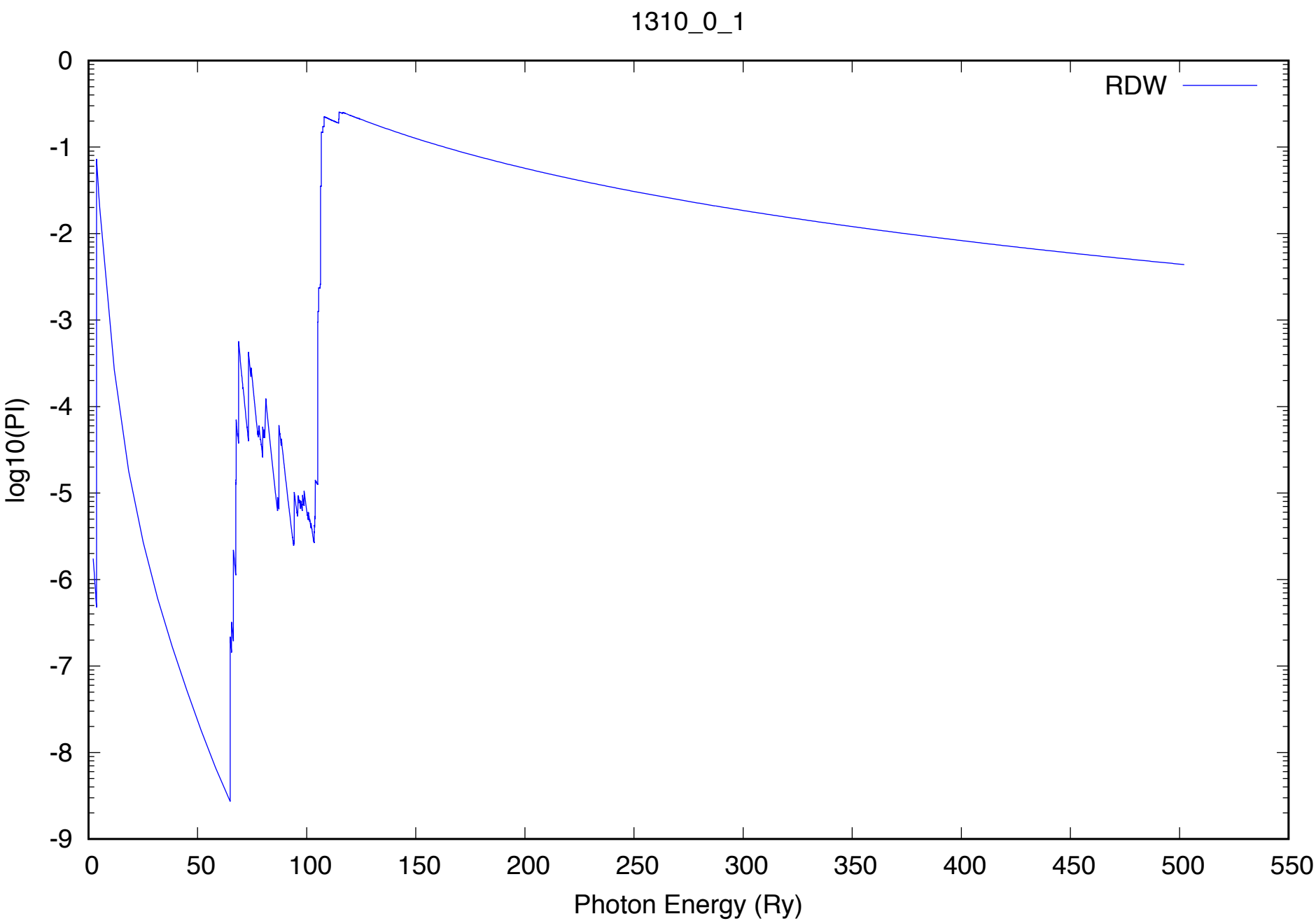
1310_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
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100
150
200
250
300
350
400
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500
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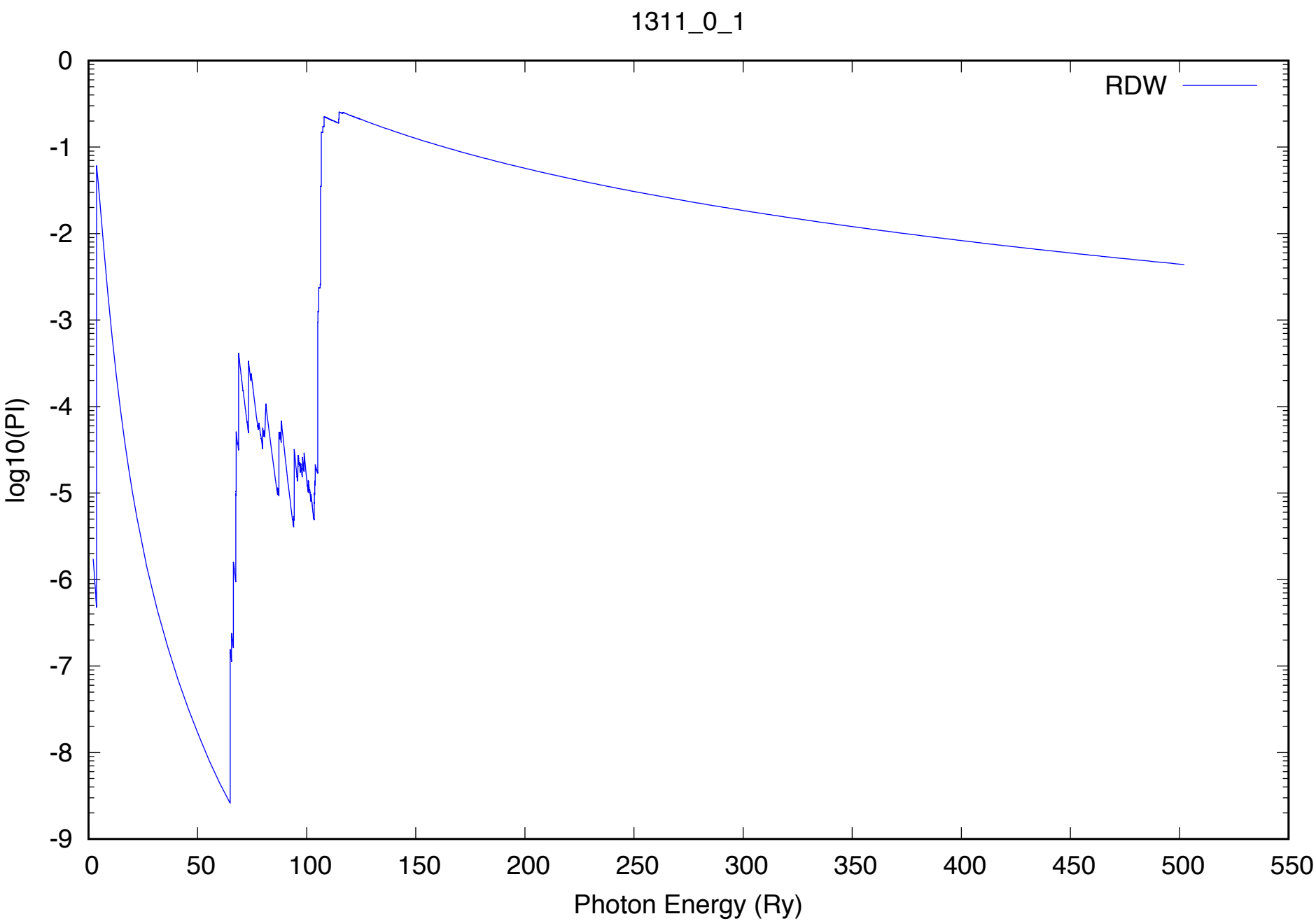
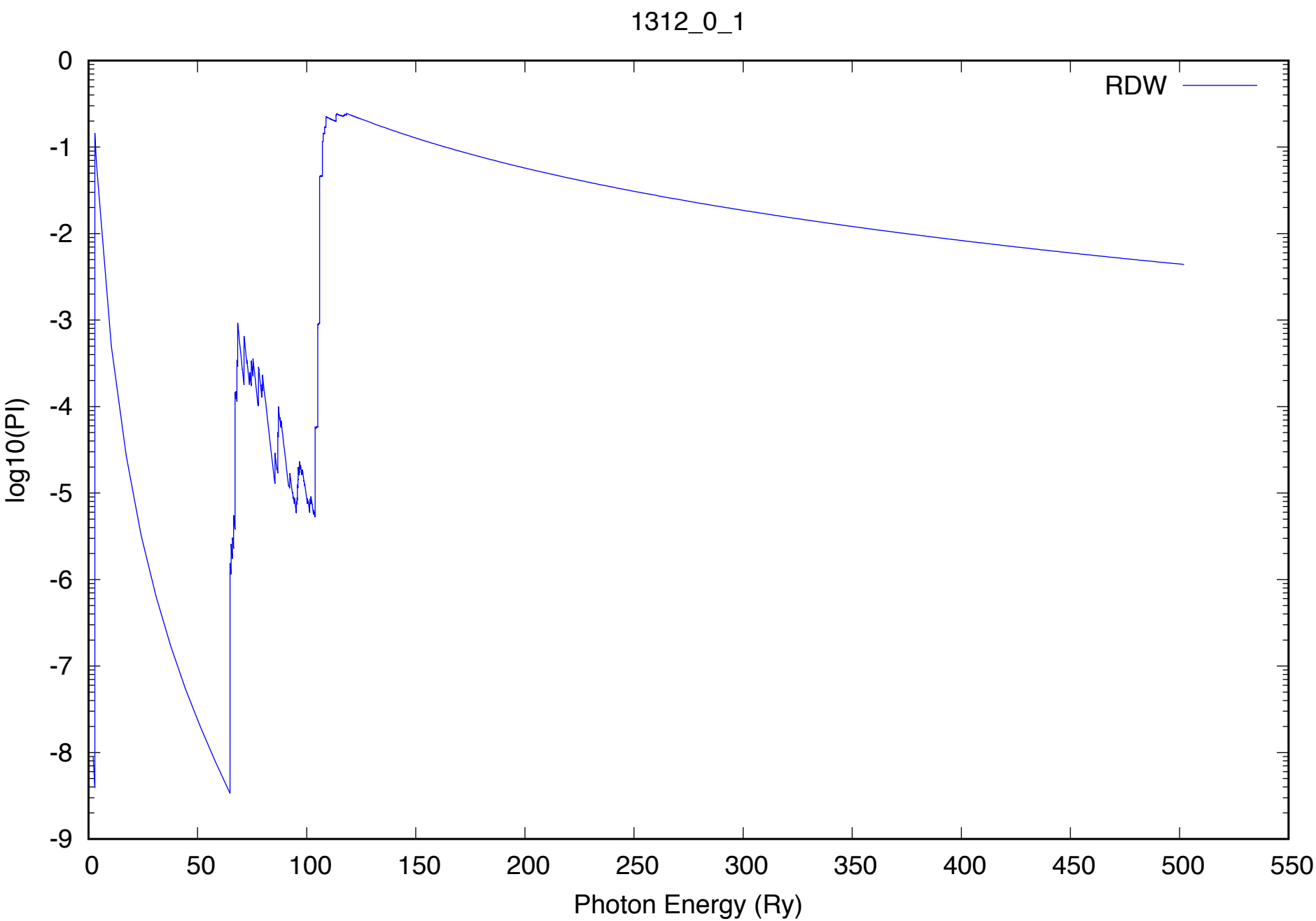
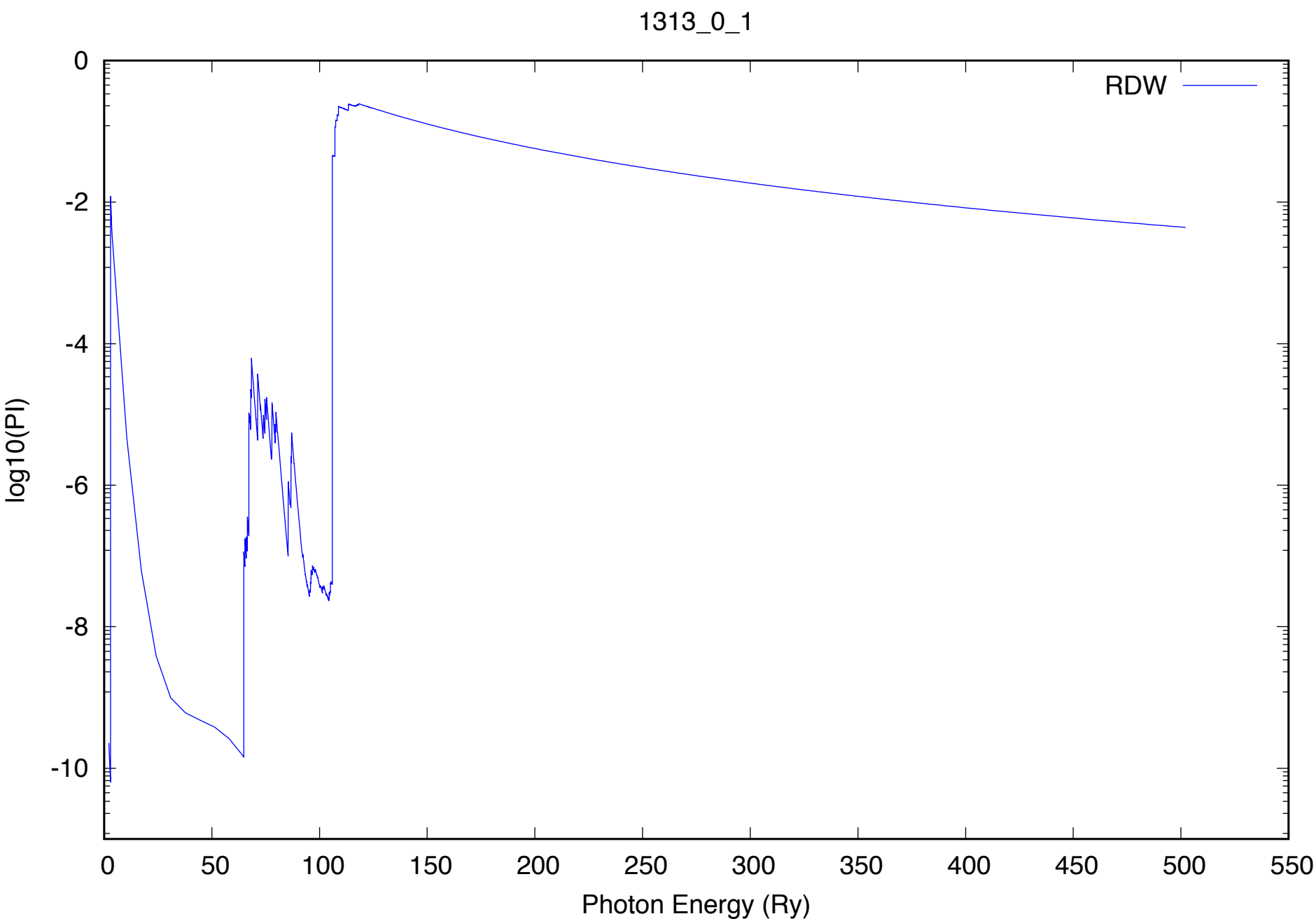
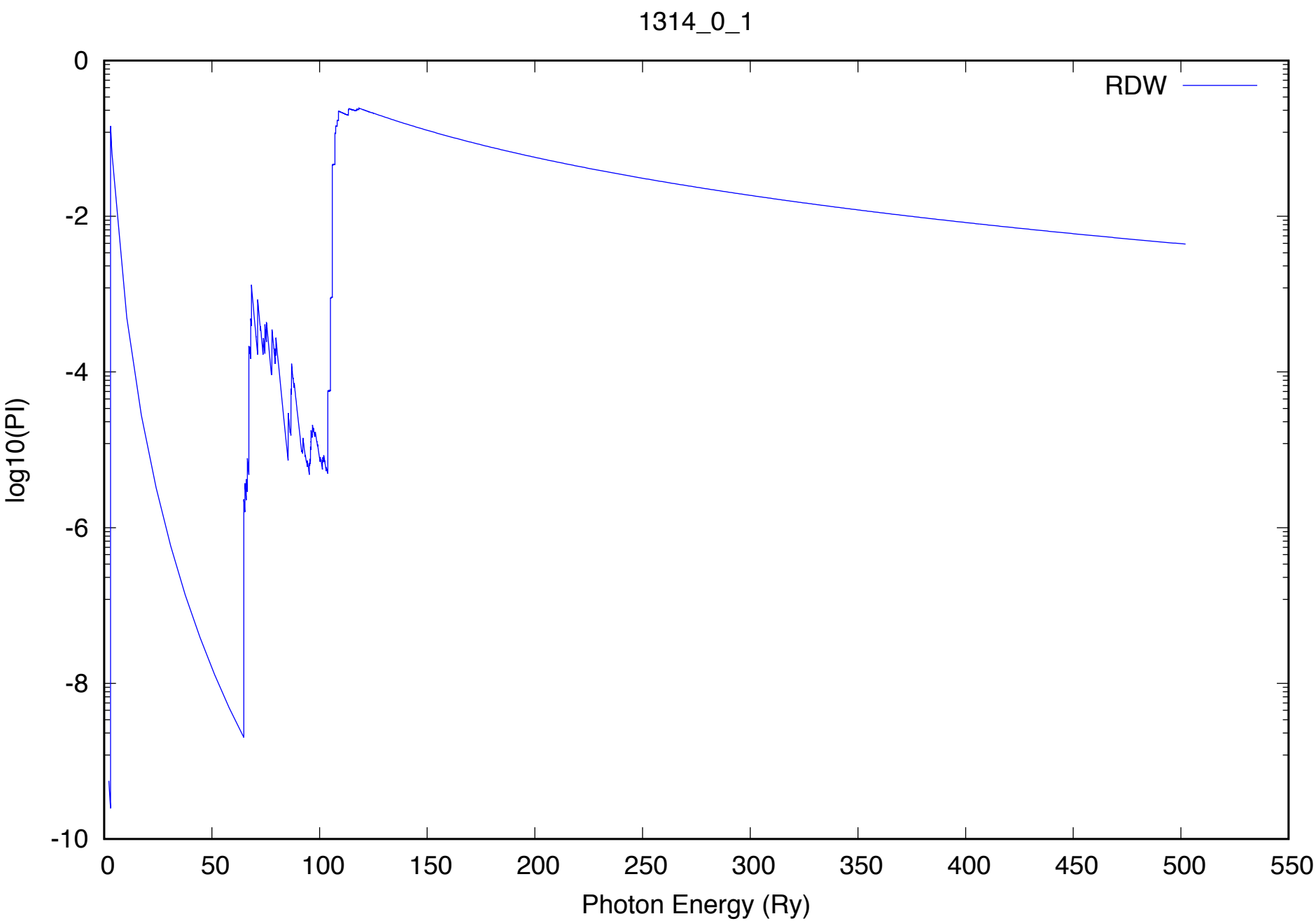
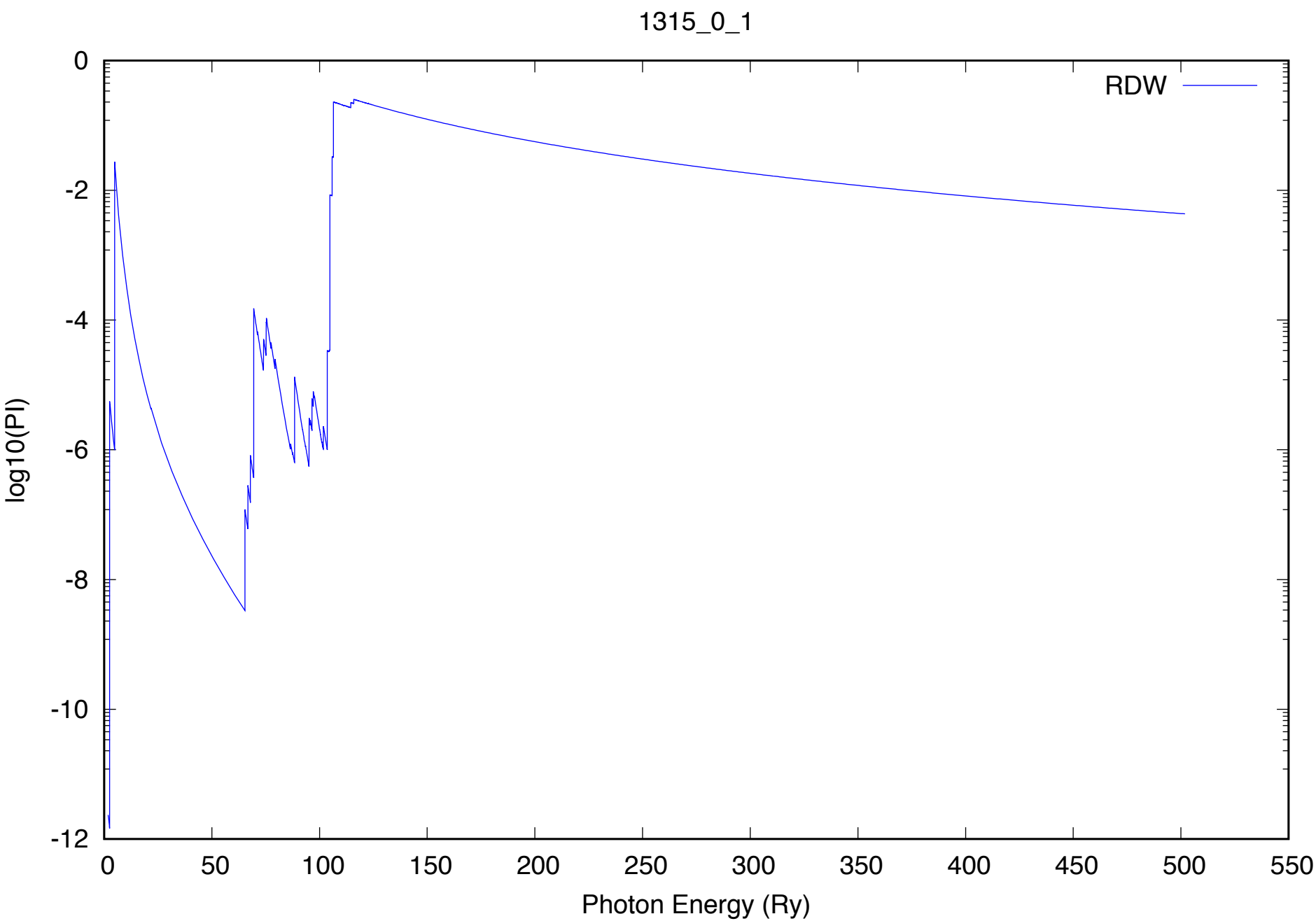
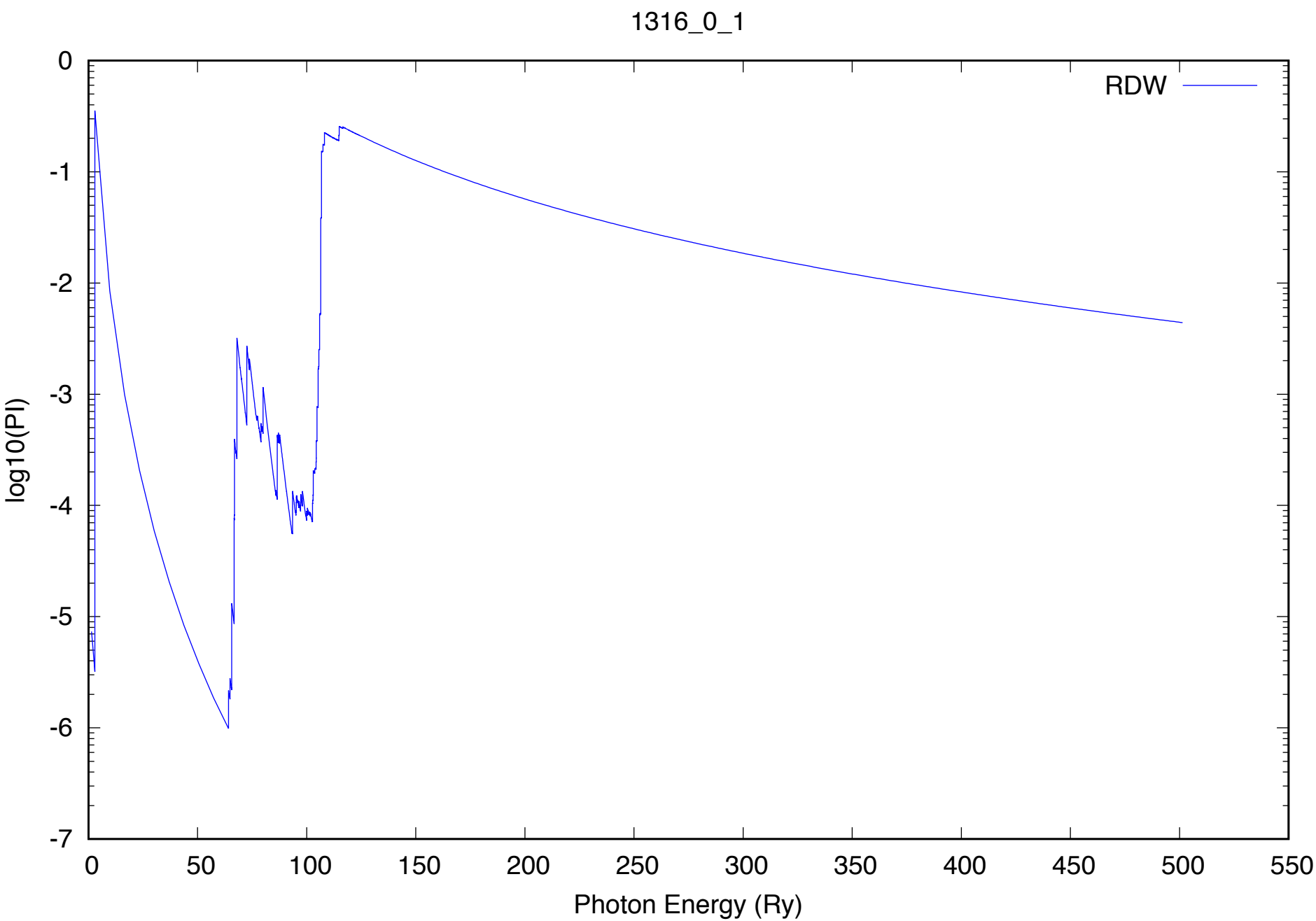

1311_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

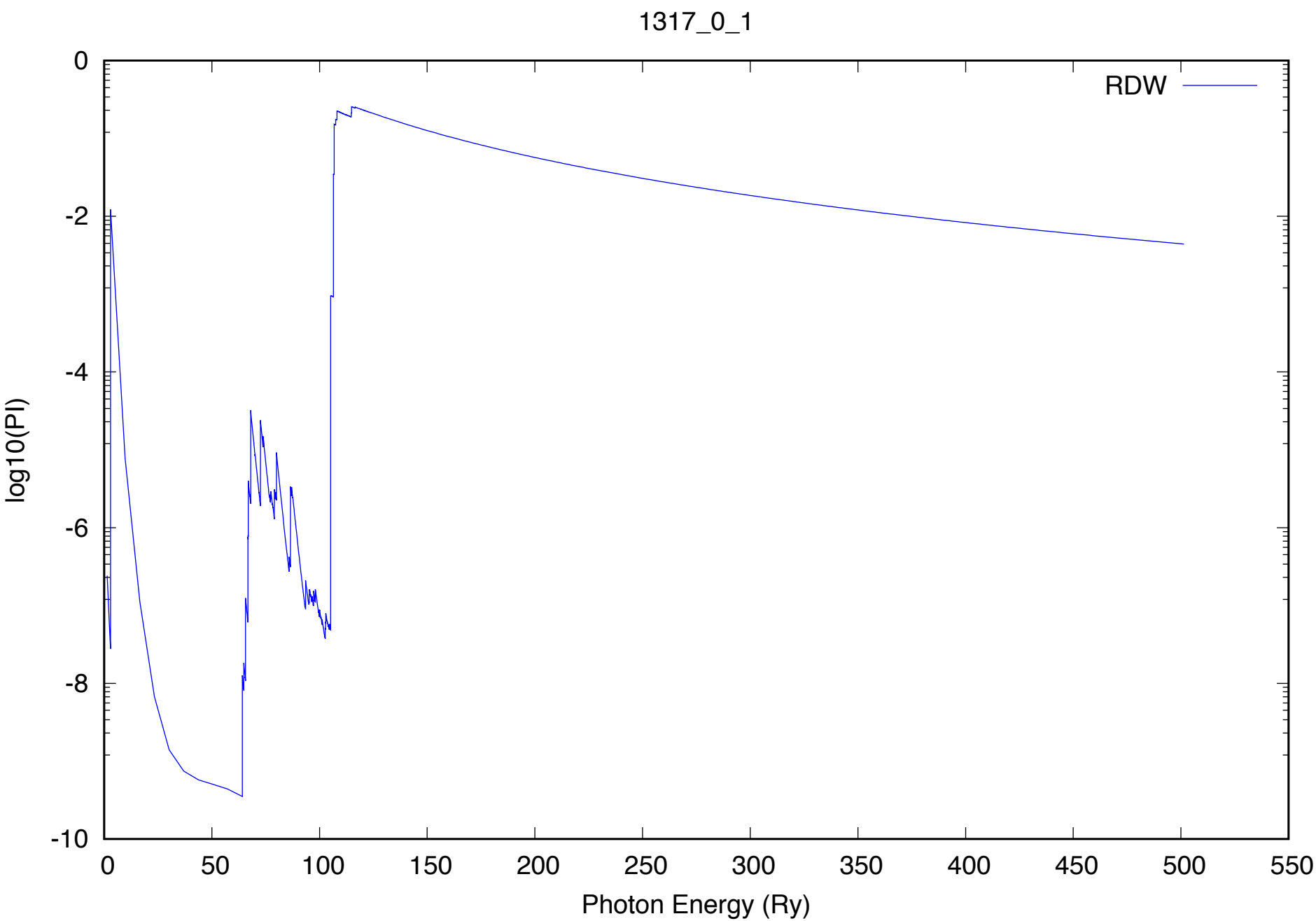

1312_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1313_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1314_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1315_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1316_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1317_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
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500
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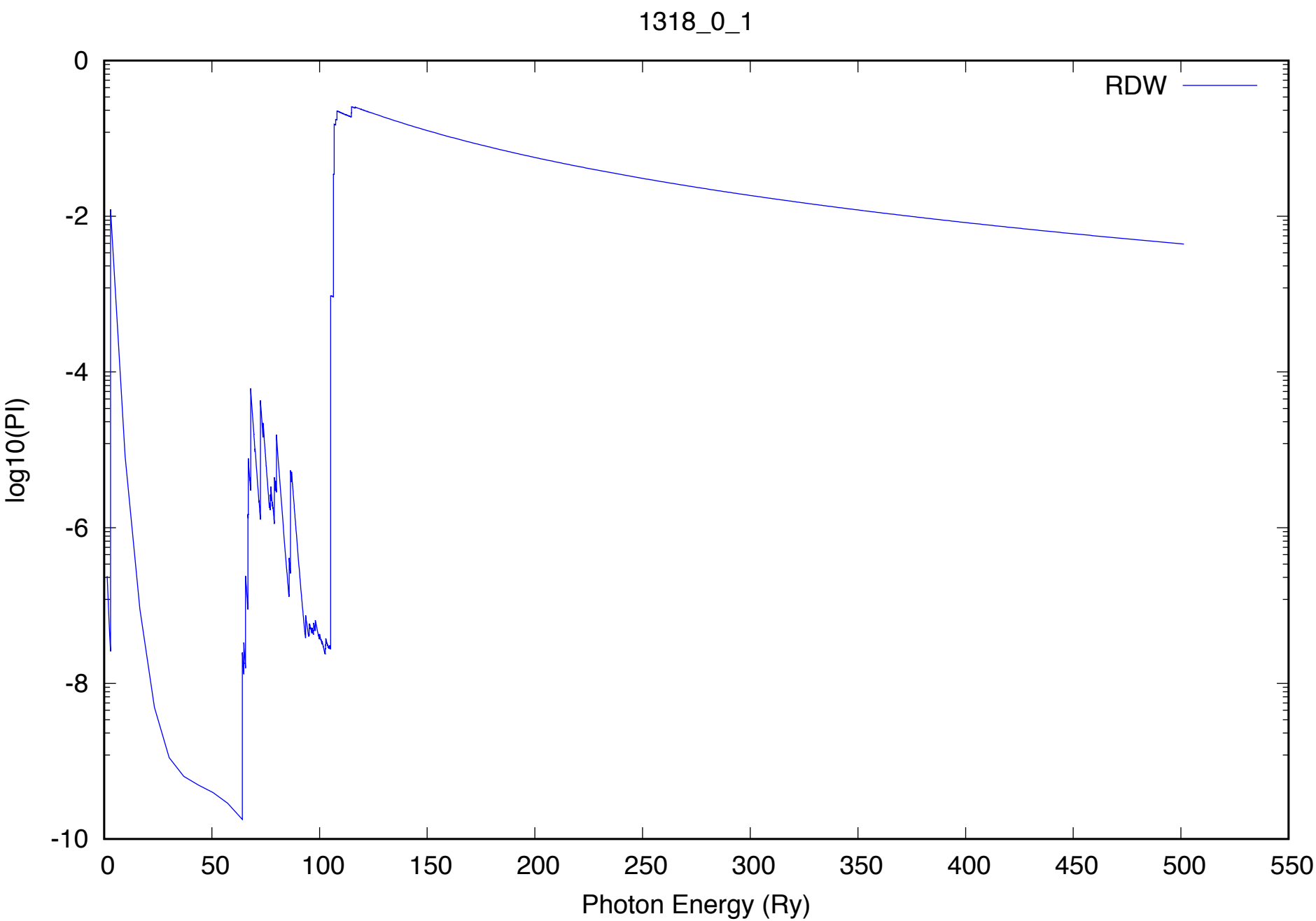
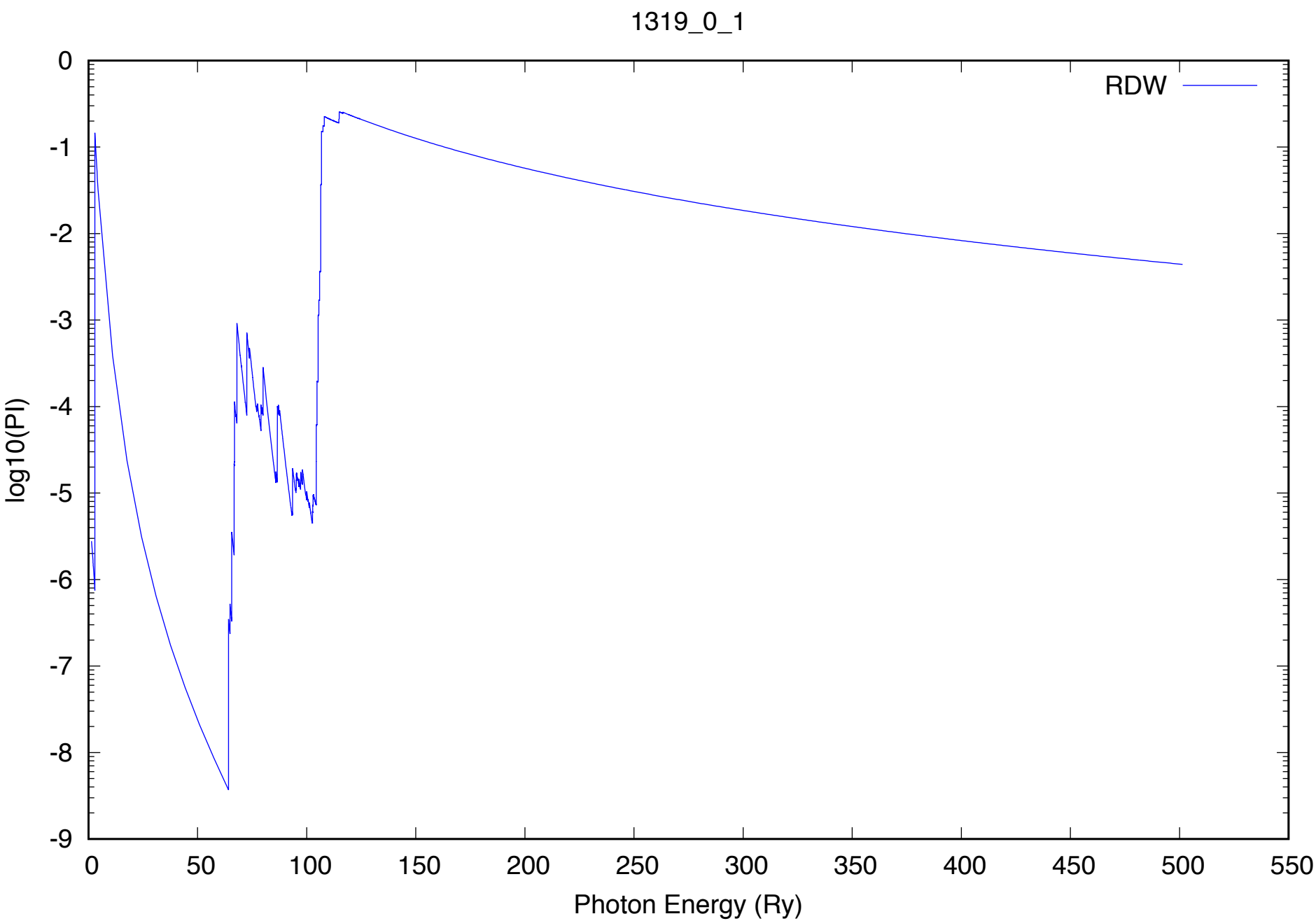
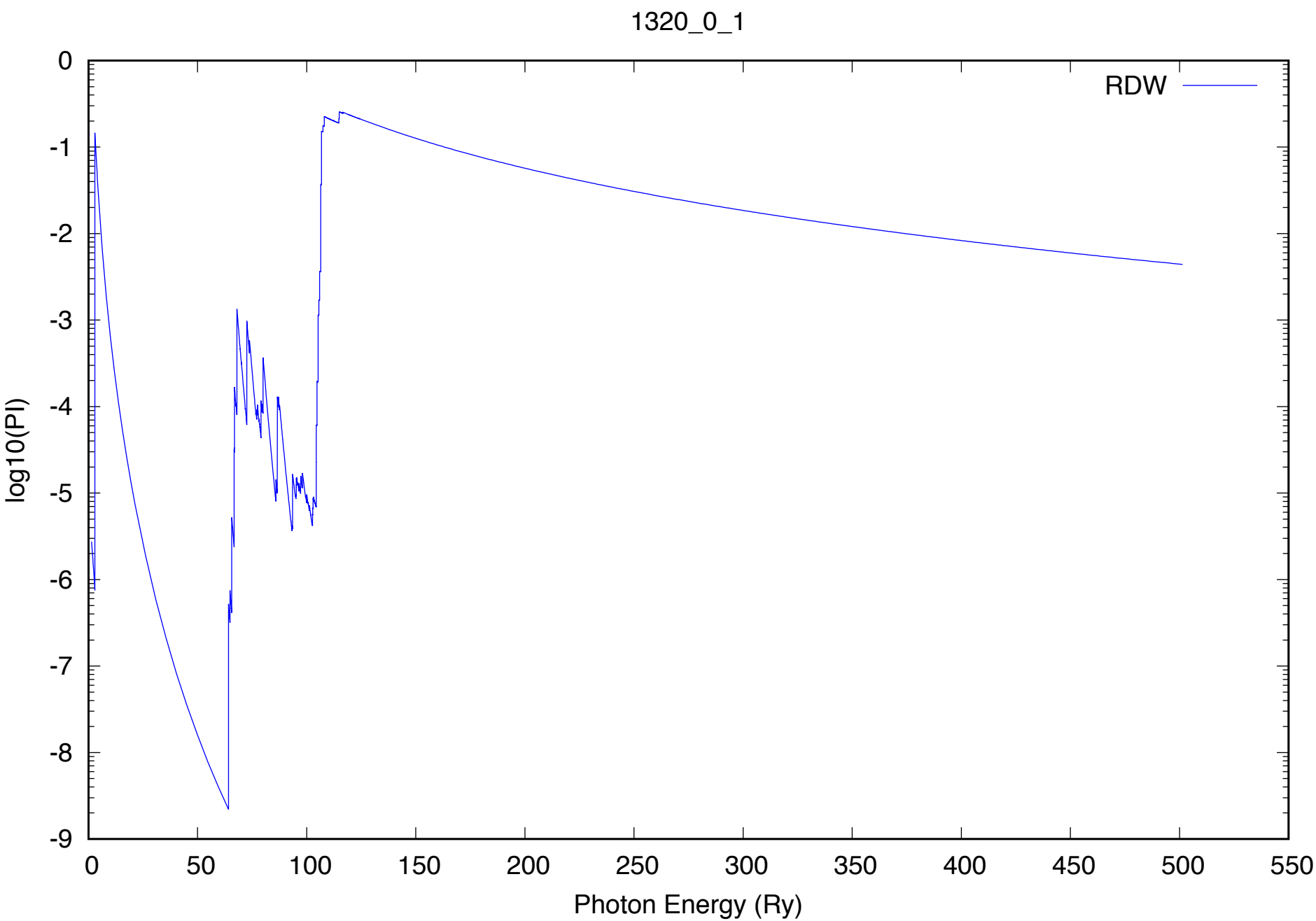
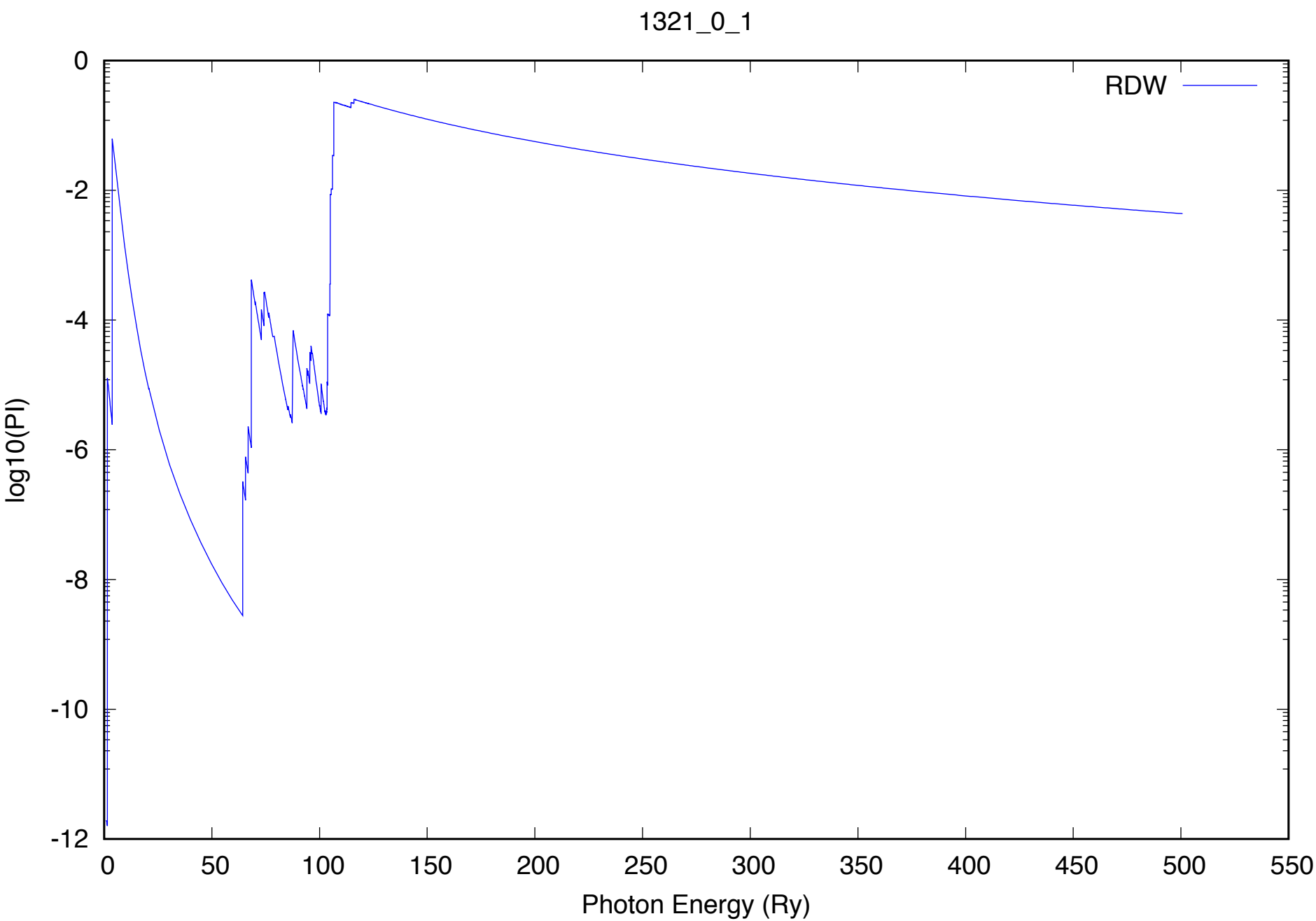
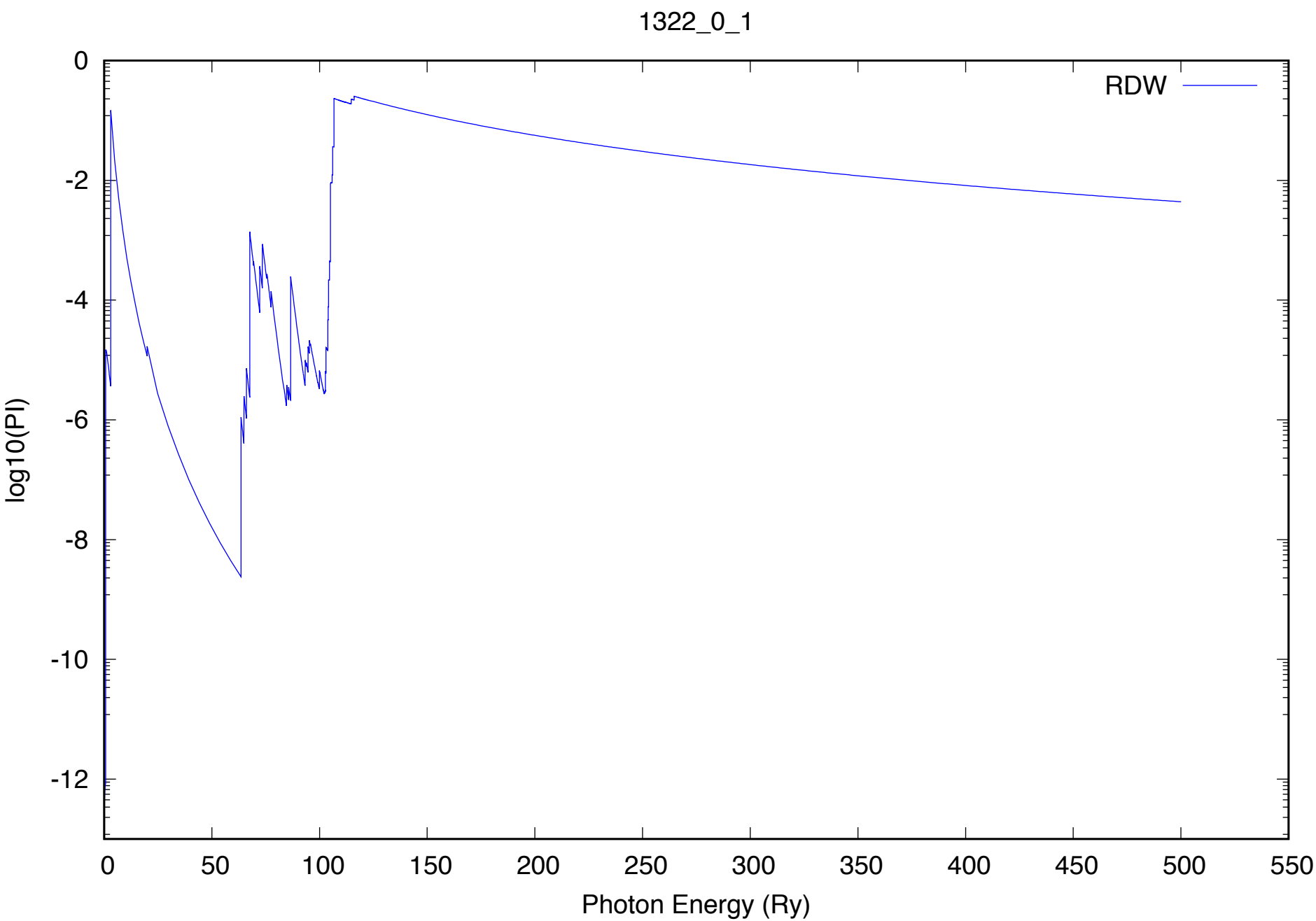
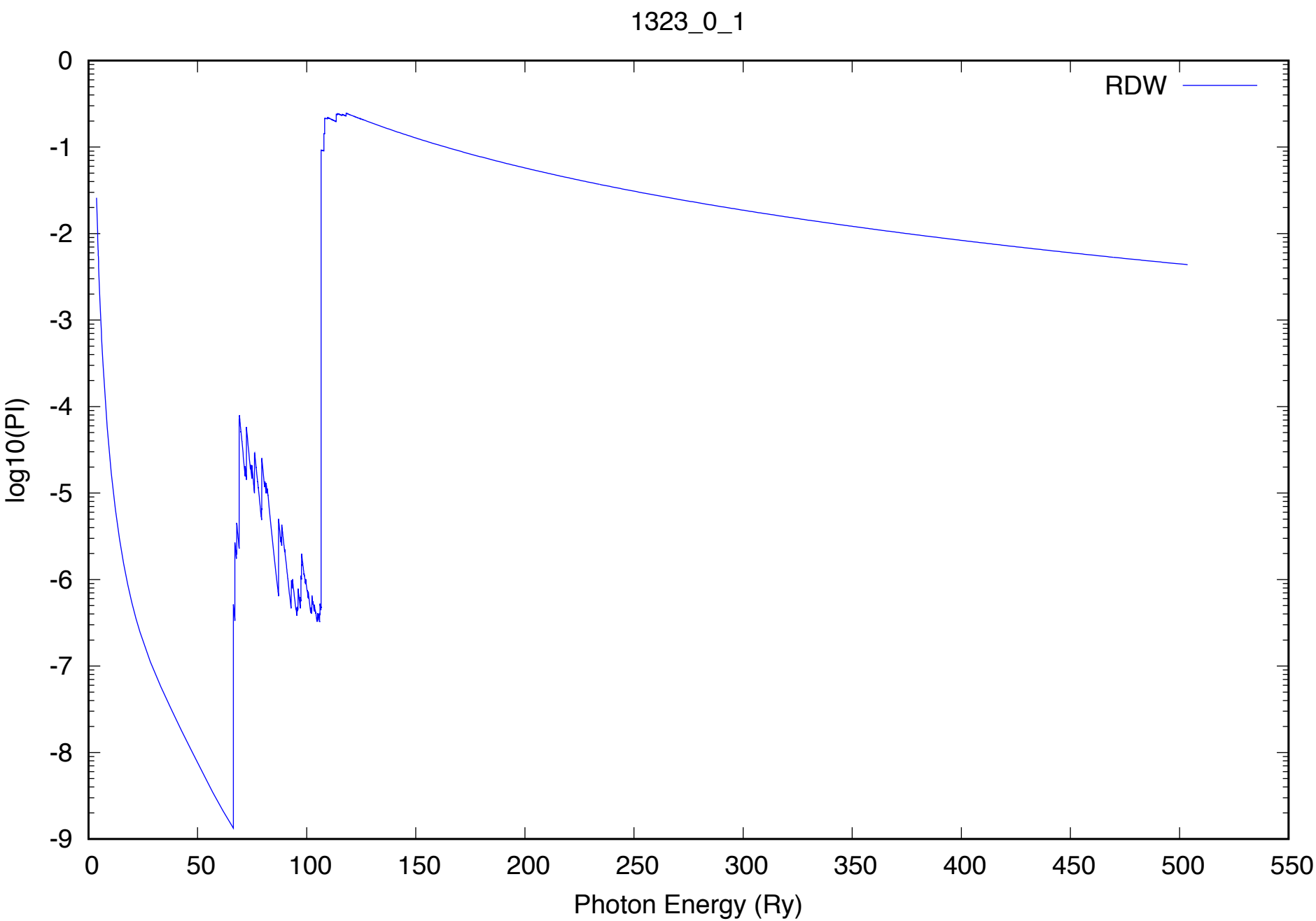

1318_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1319_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1320_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1321_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1322_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1323_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
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100
150
200
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300
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400
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500
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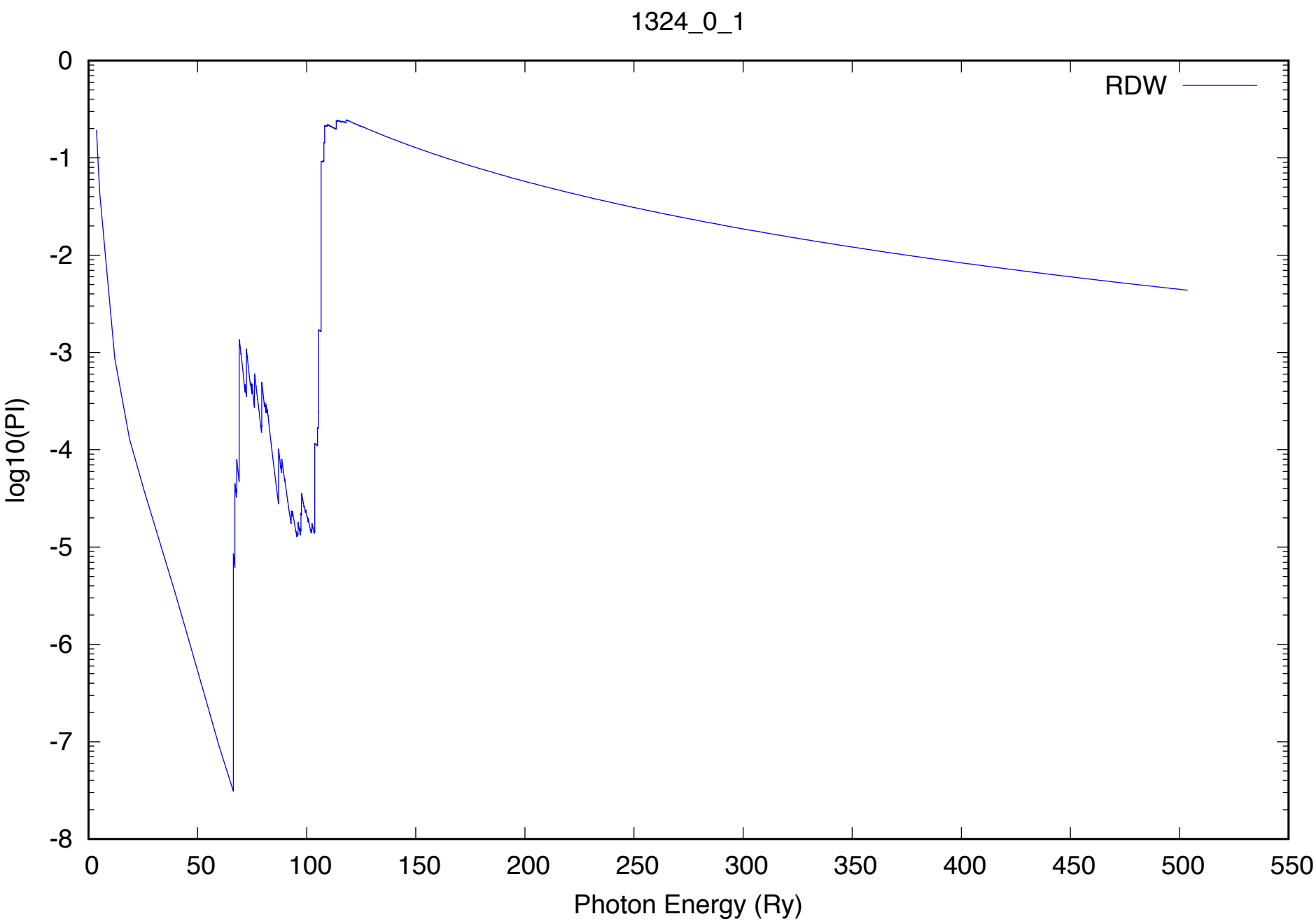
1324_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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100
150
200
250
300
350
400
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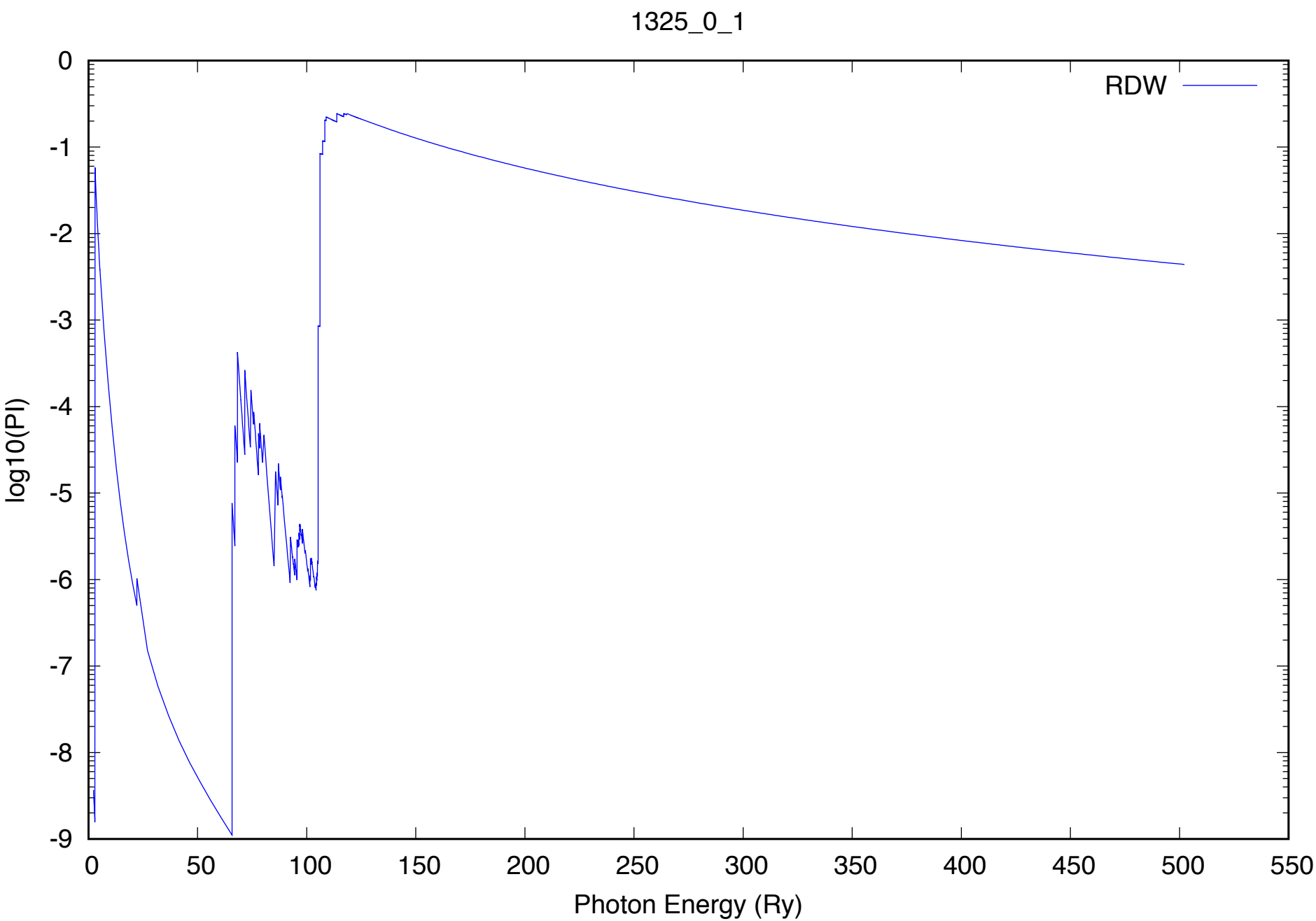
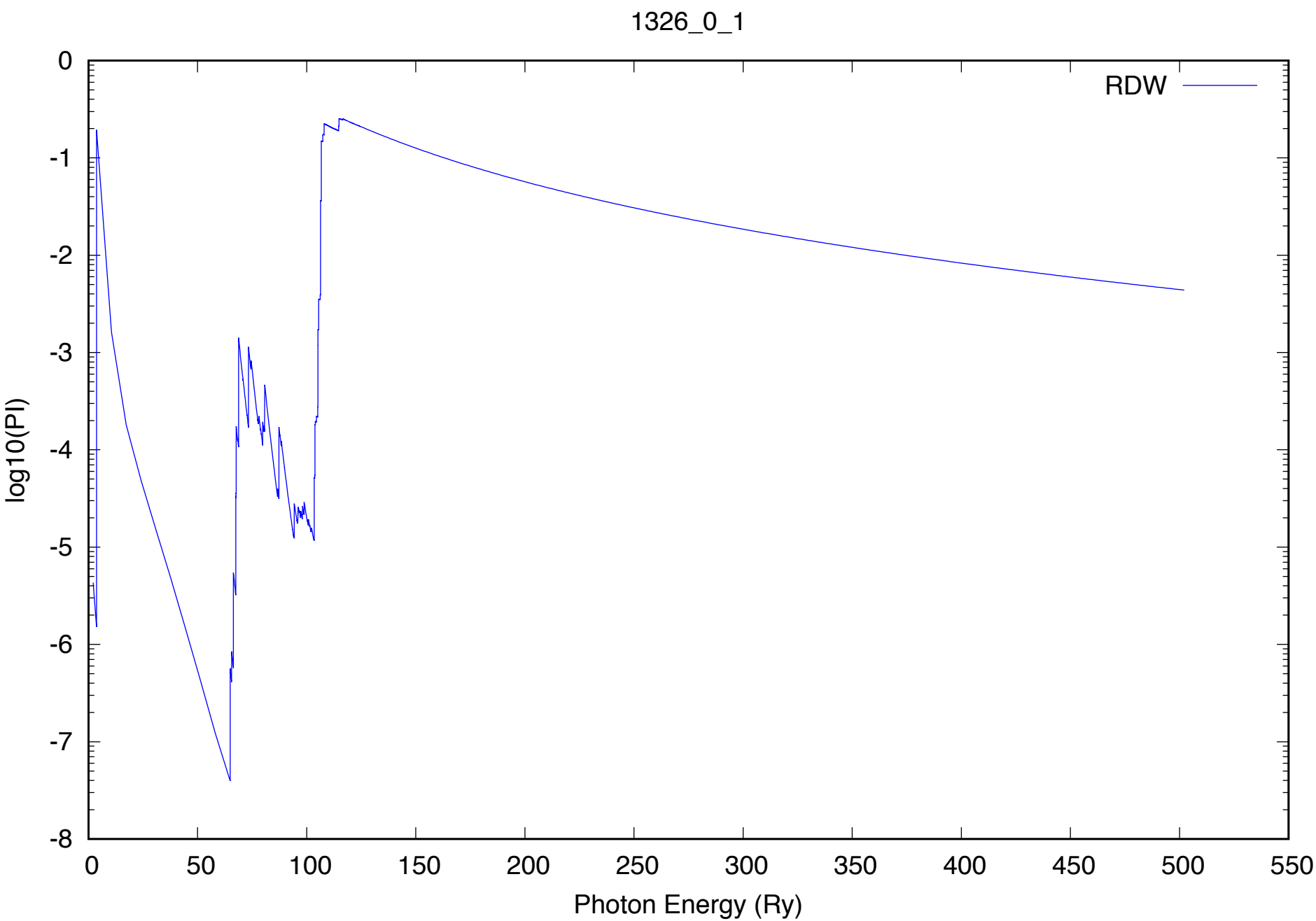
500
550


1325_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1326_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
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-6
-7
-8
0
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100
150
200
250
300
350
400
450
500
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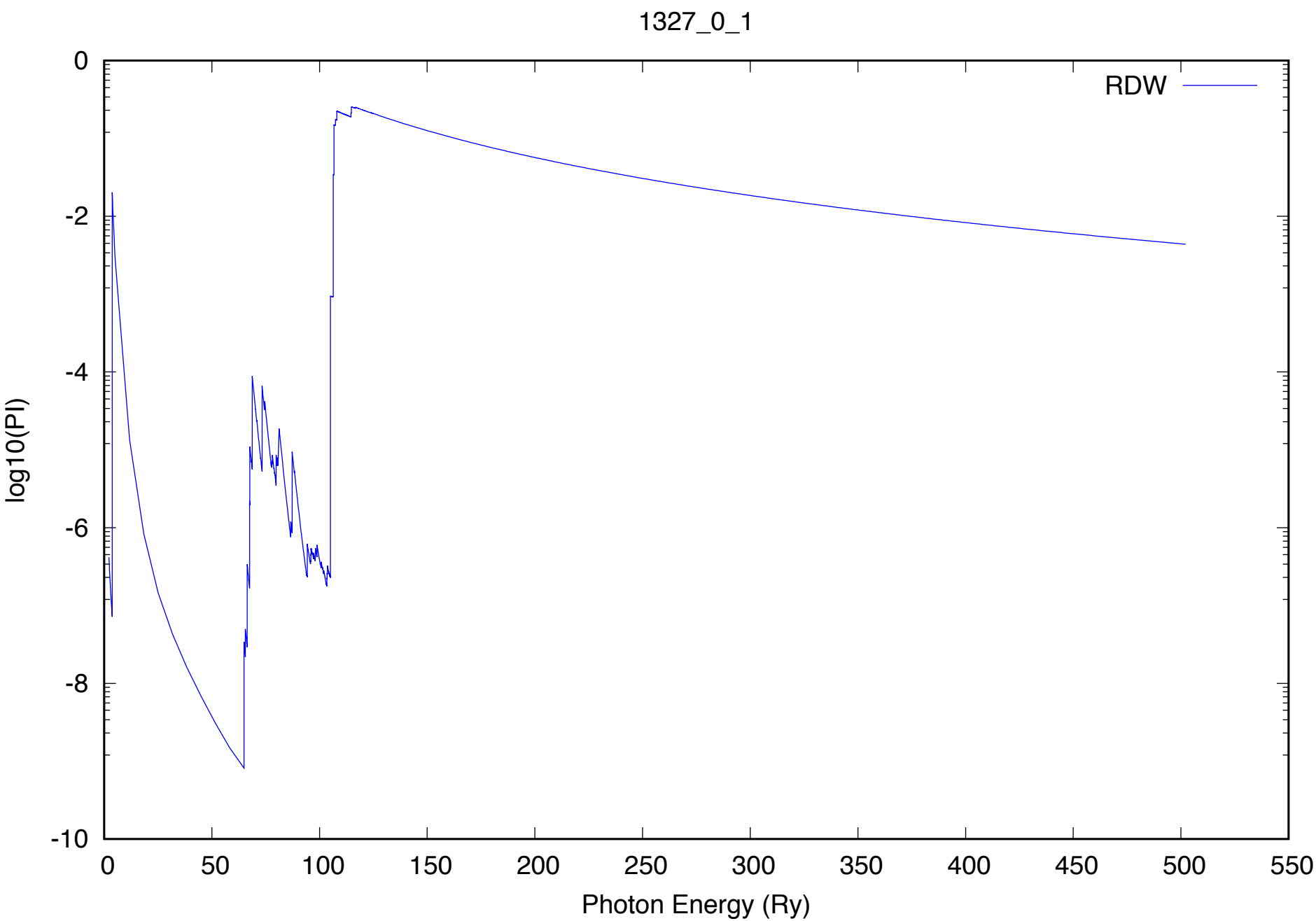
1327_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
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-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
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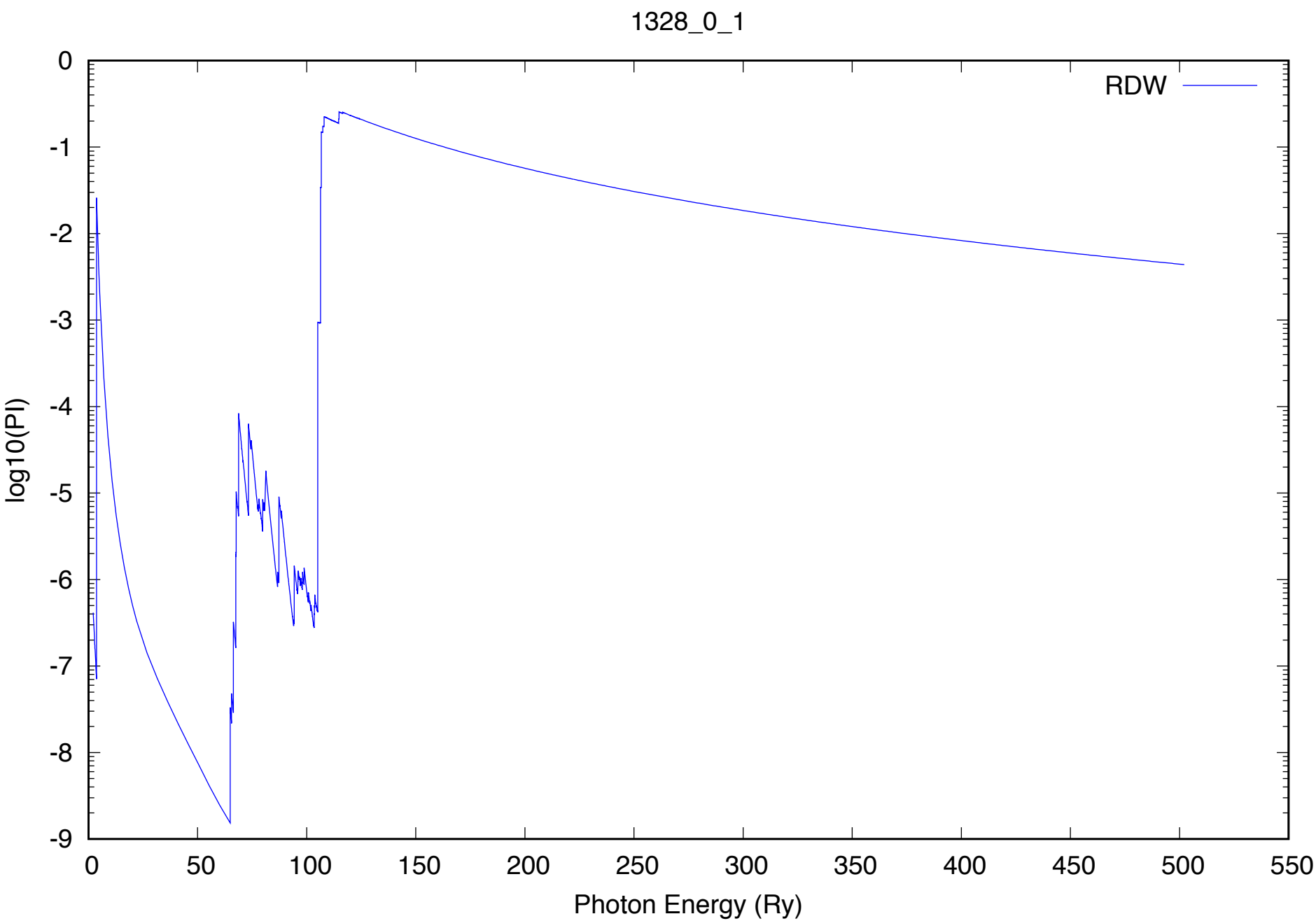
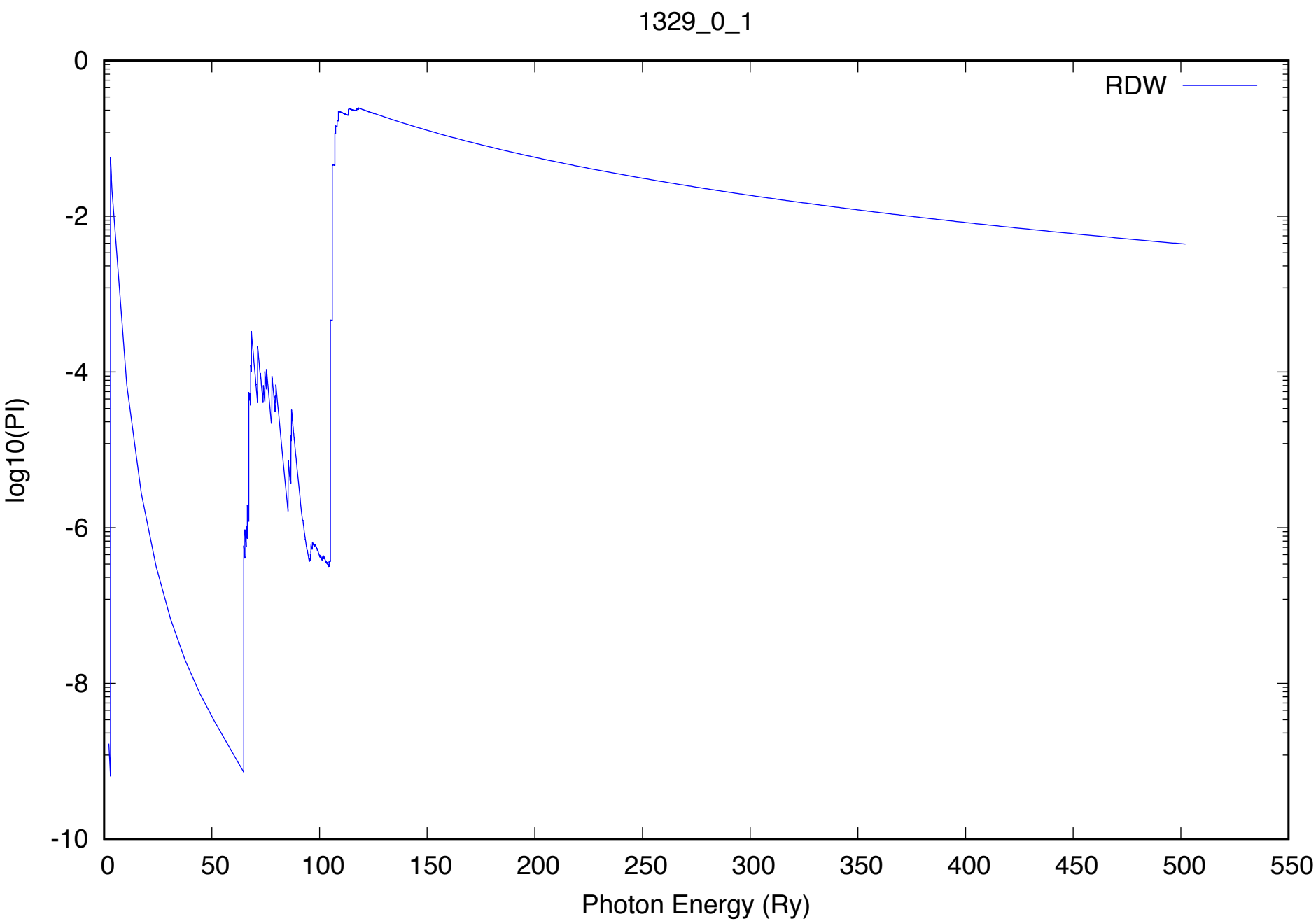
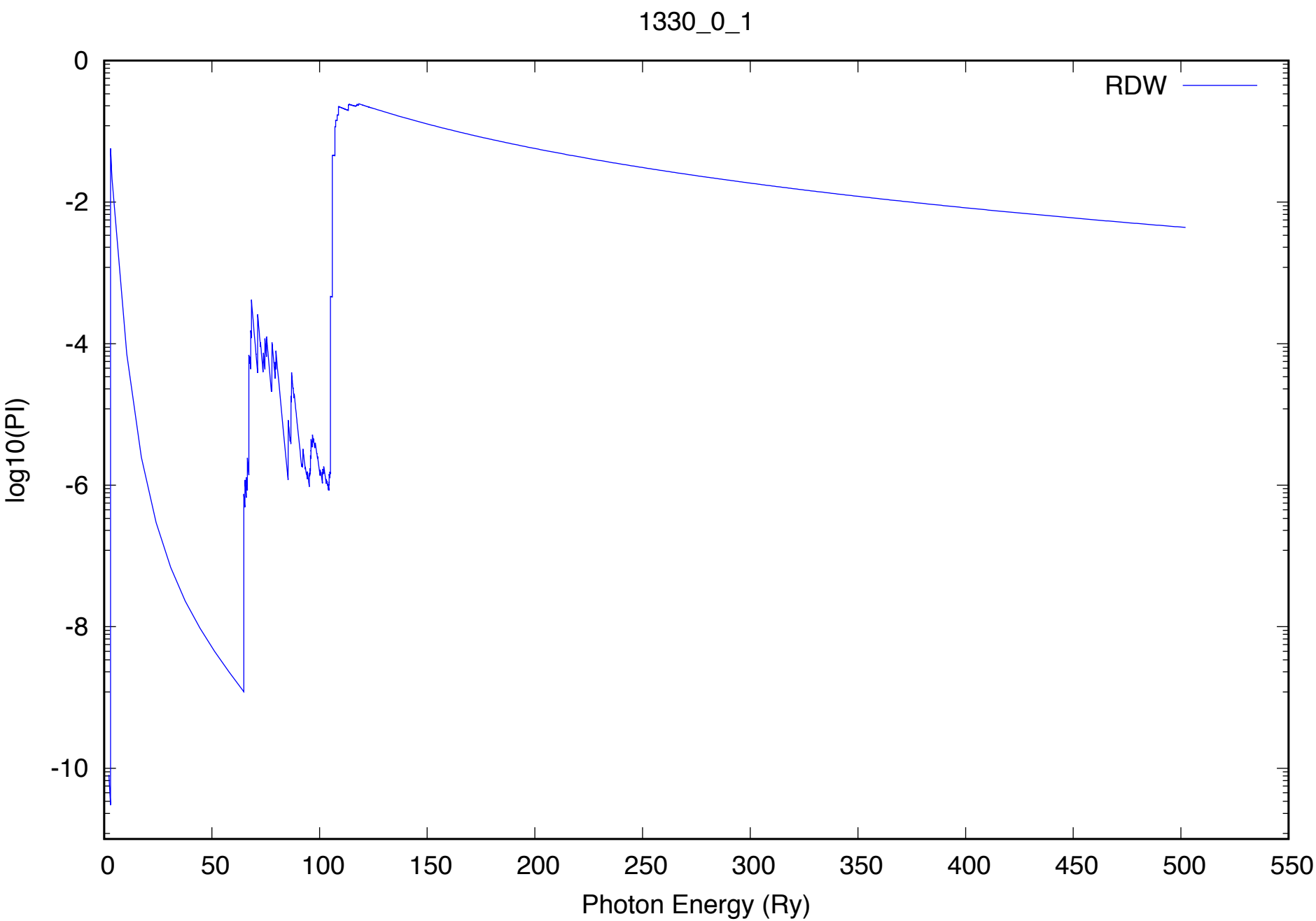
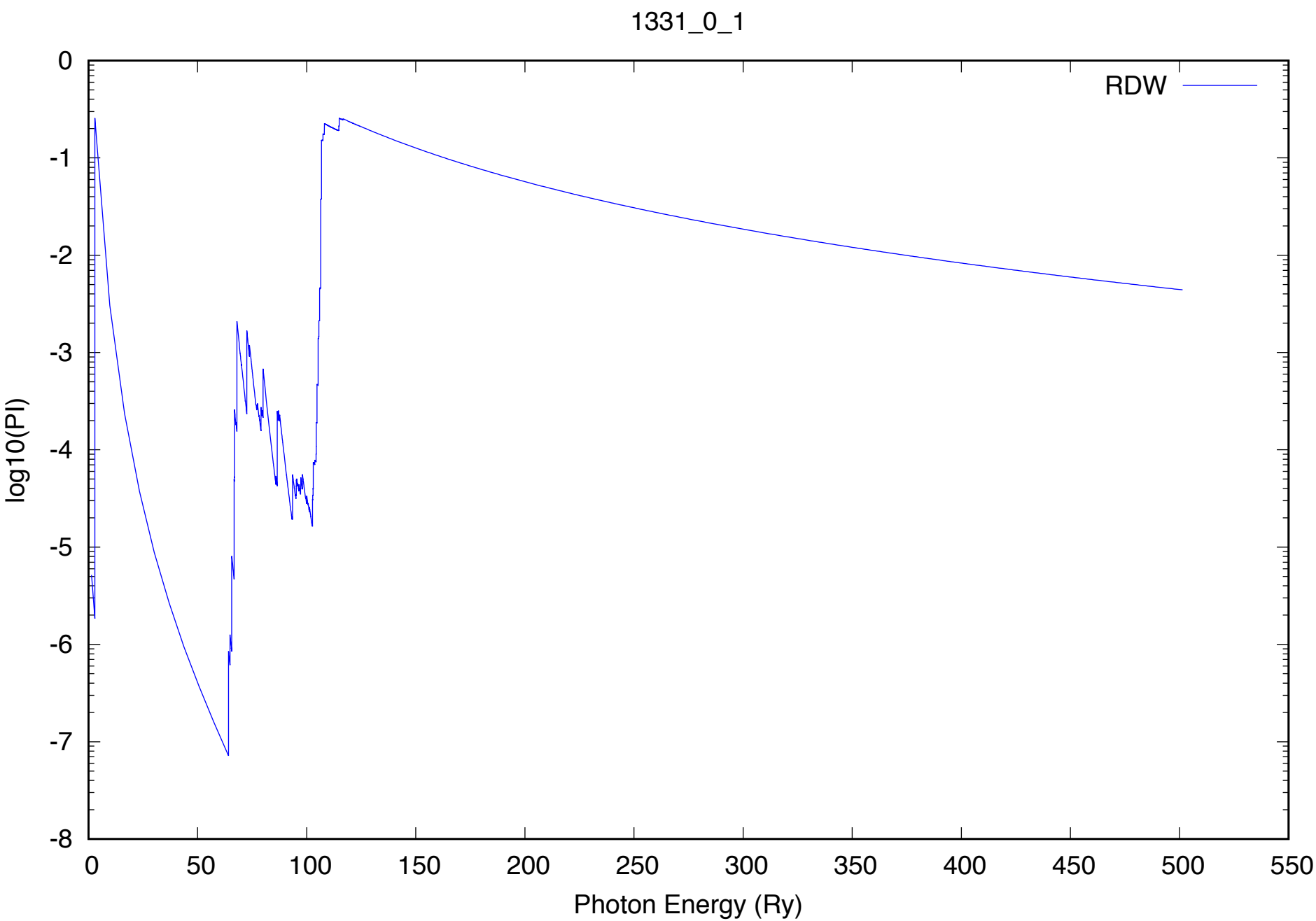
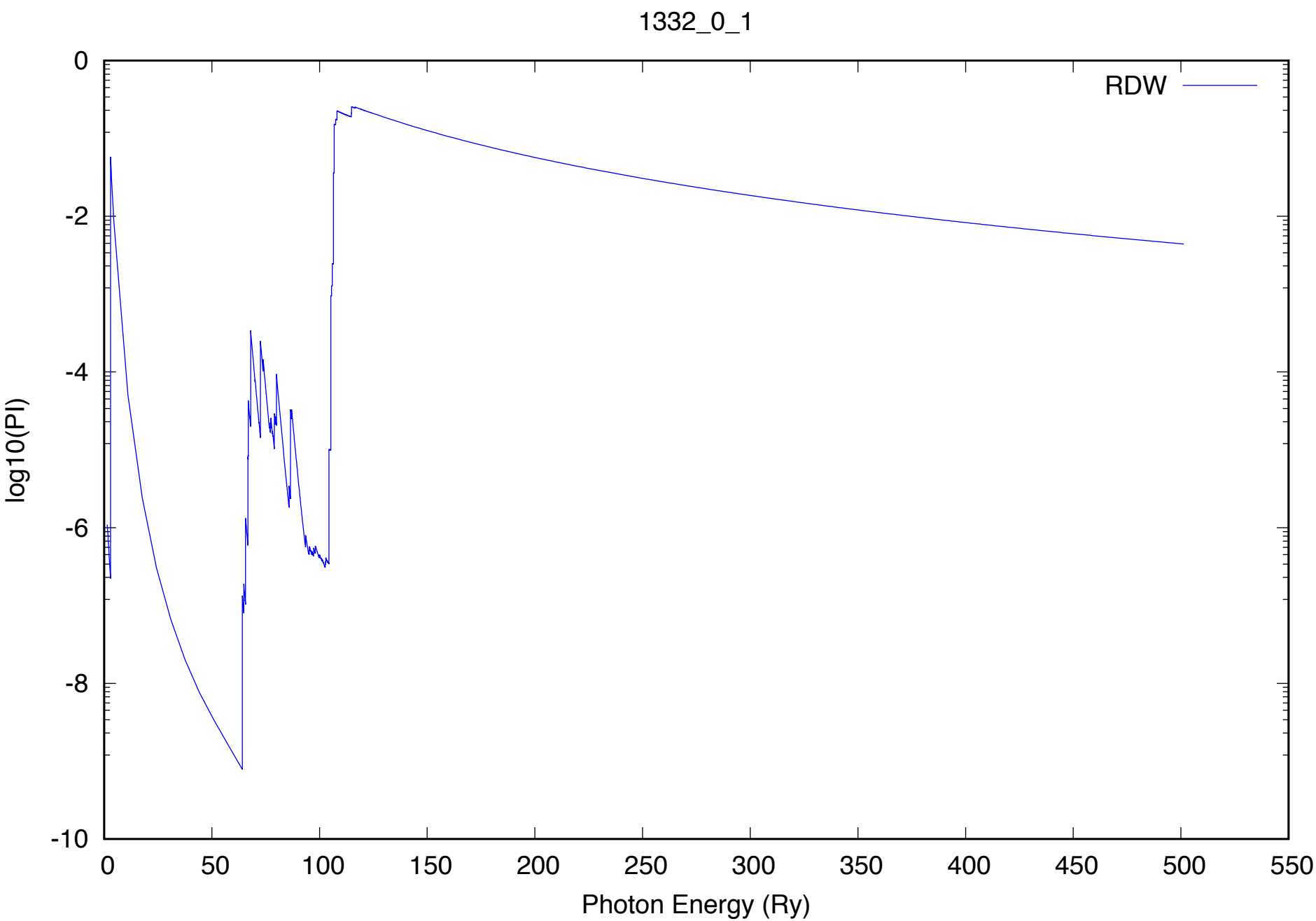
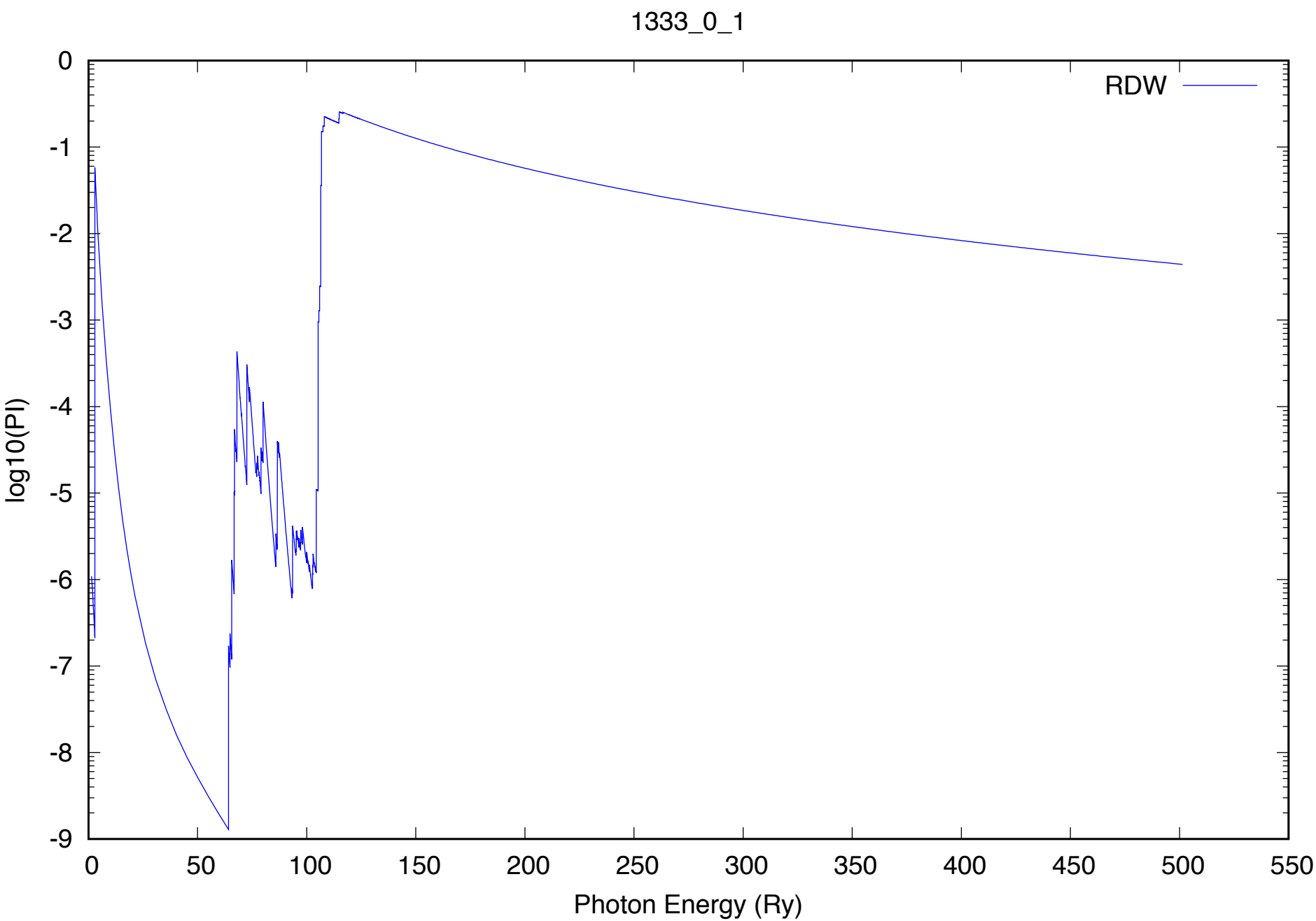

1328_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

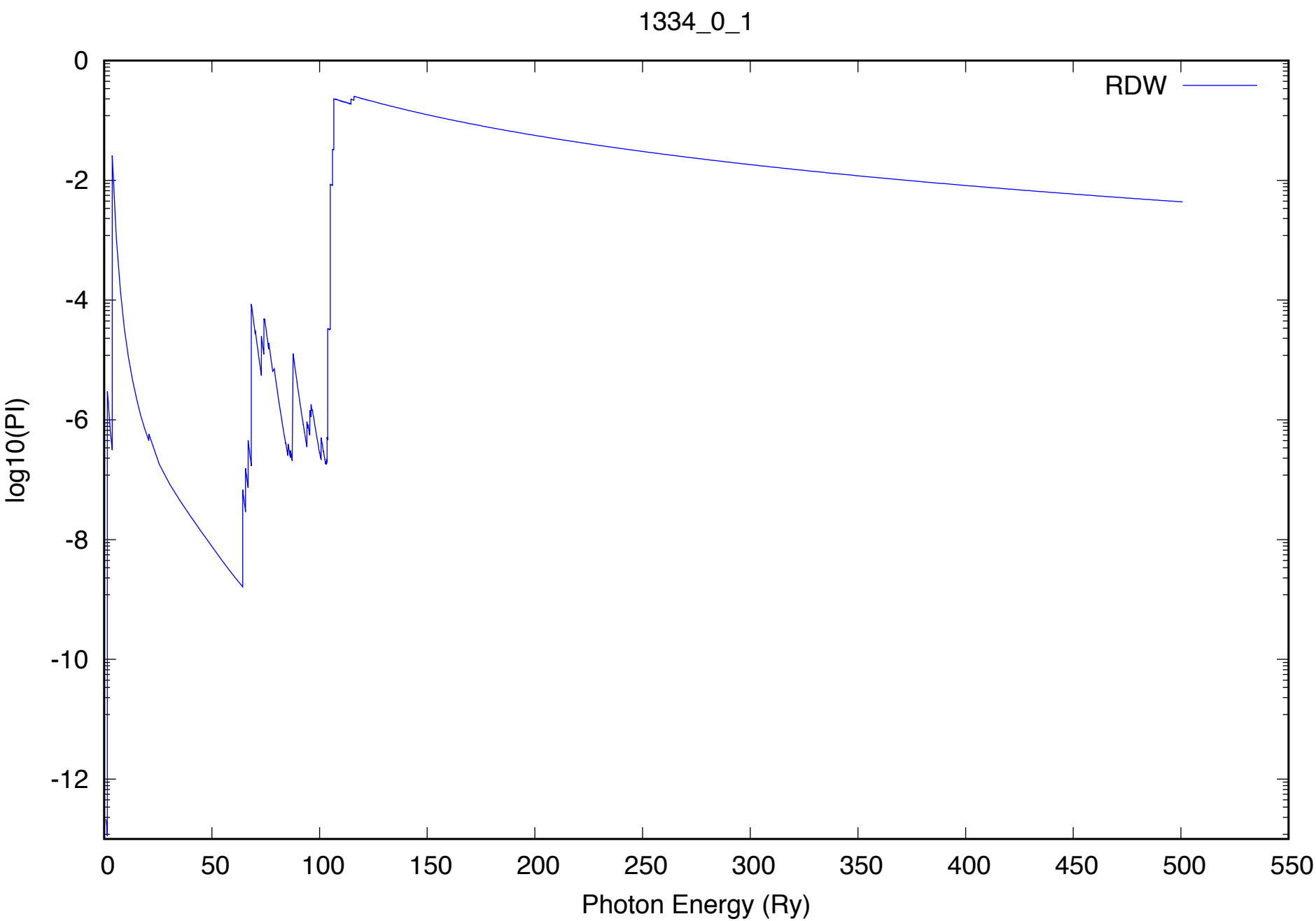

1329_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

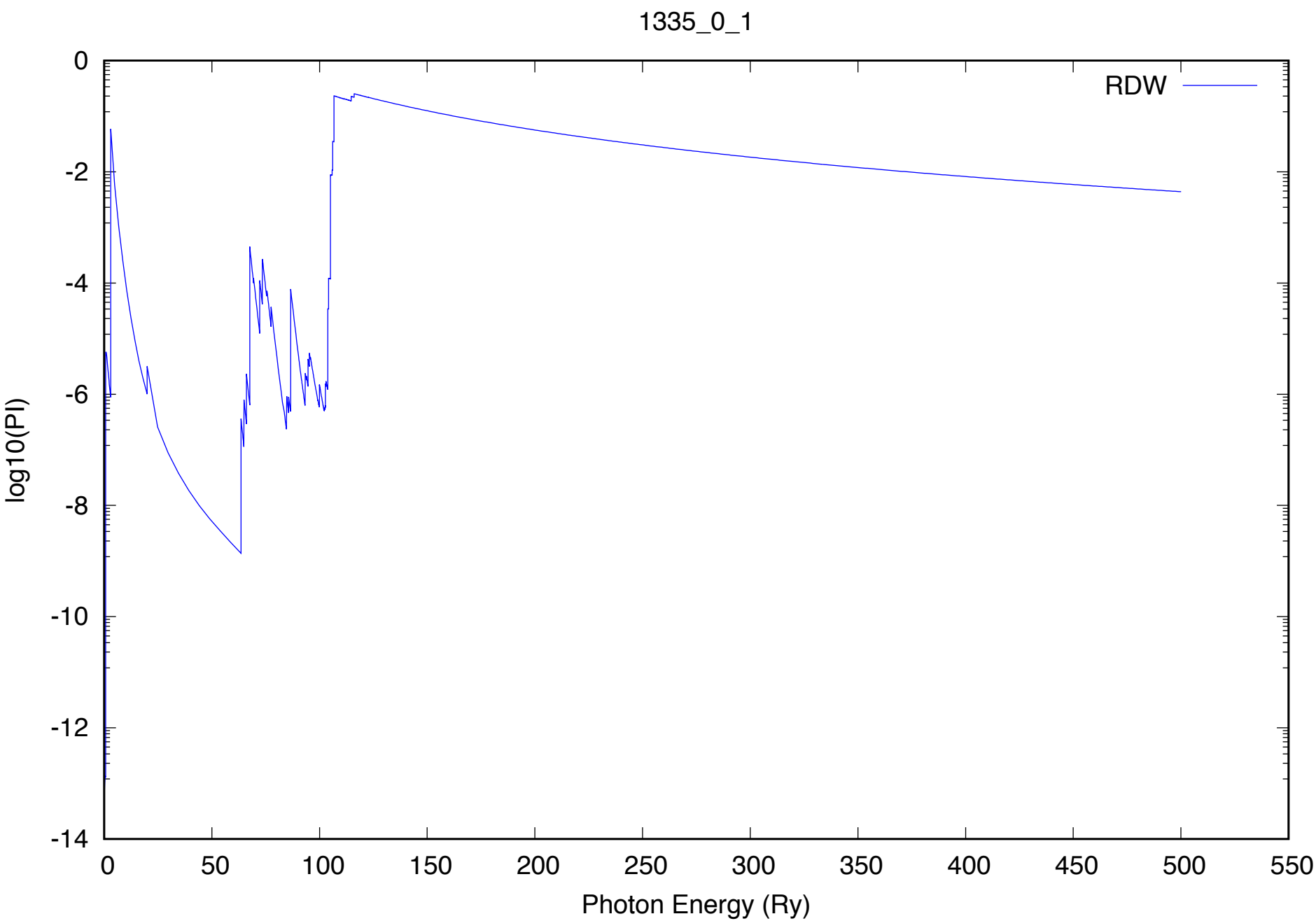

1330_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)

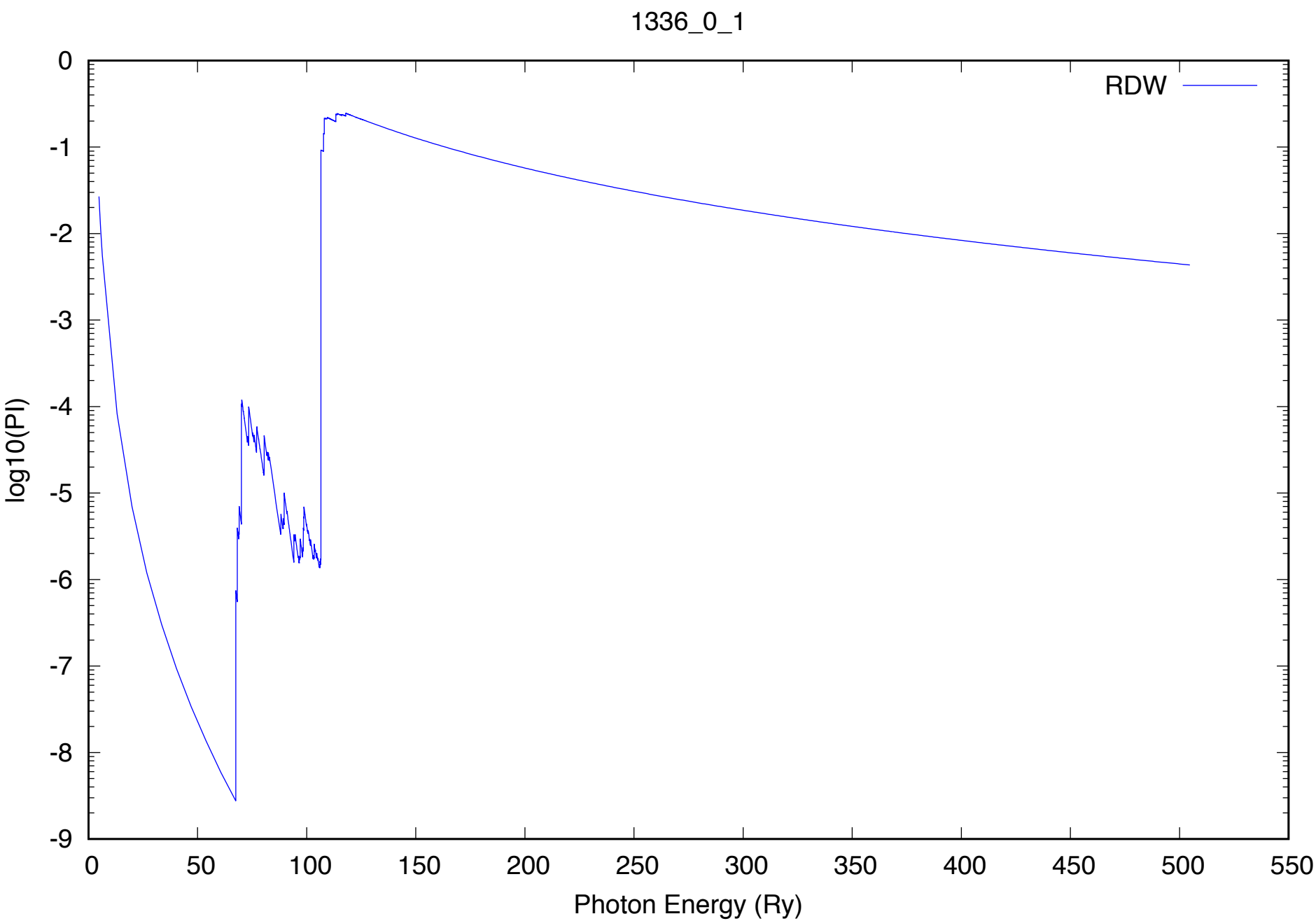

1331_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

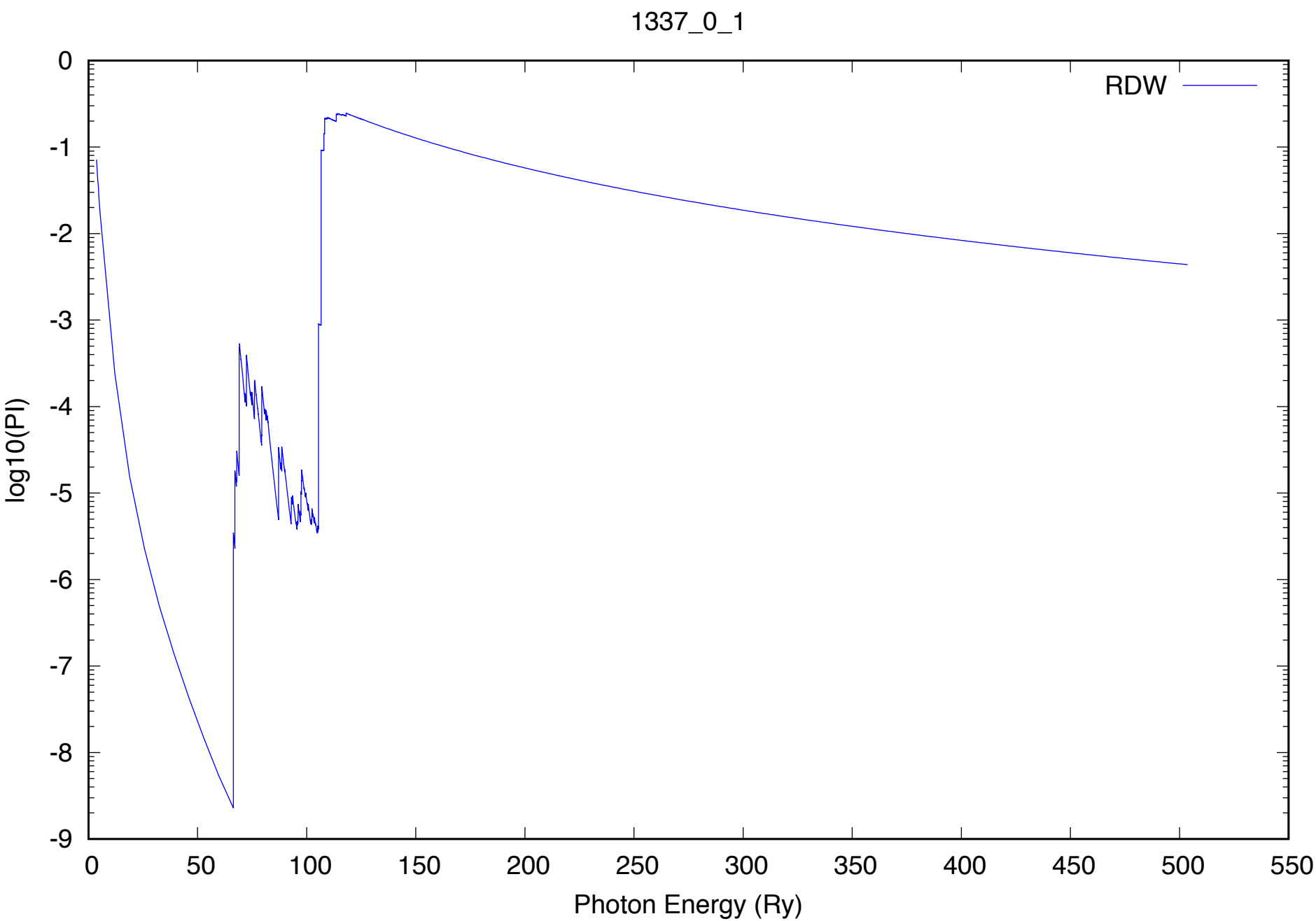

1332_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

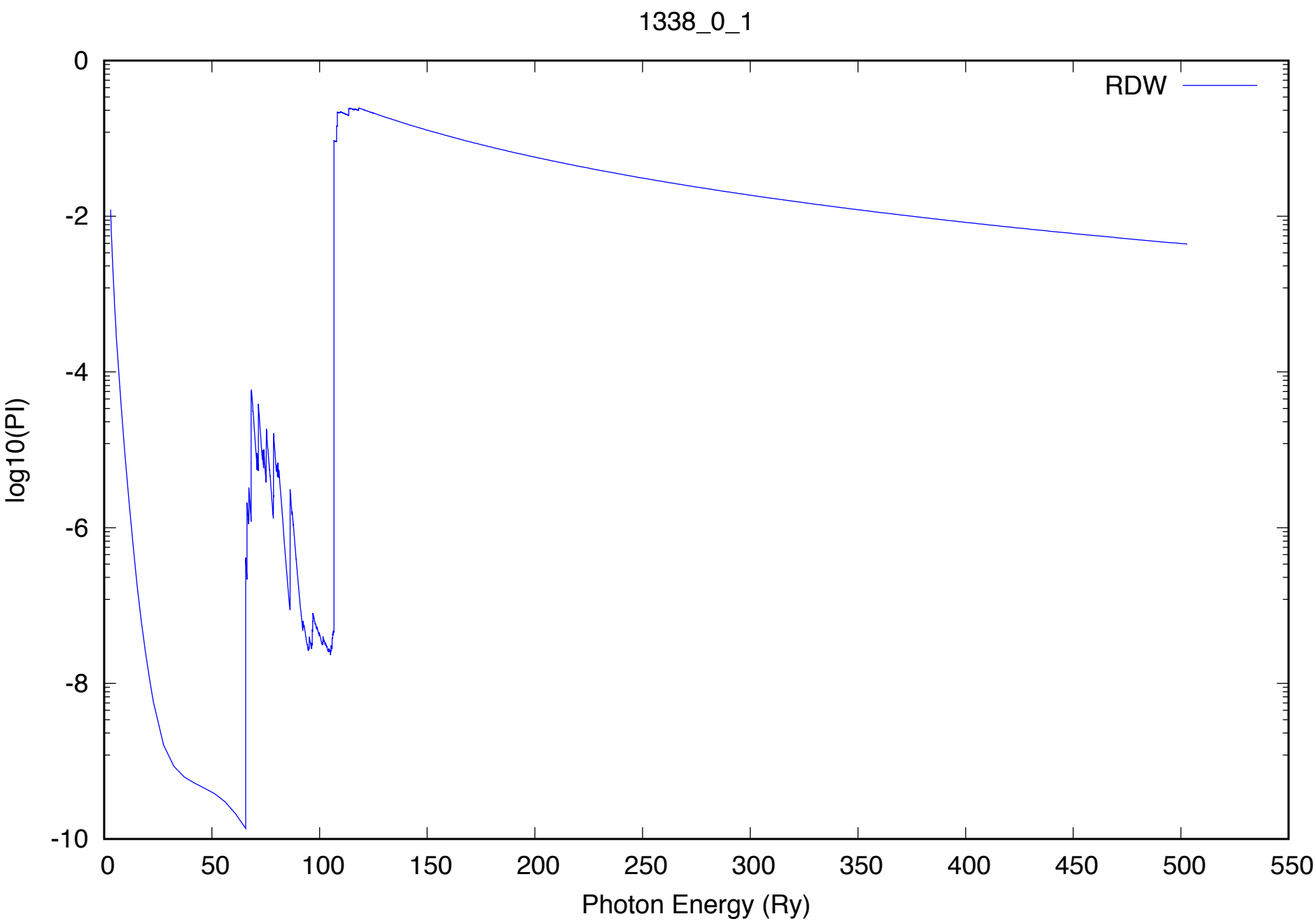

1333_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

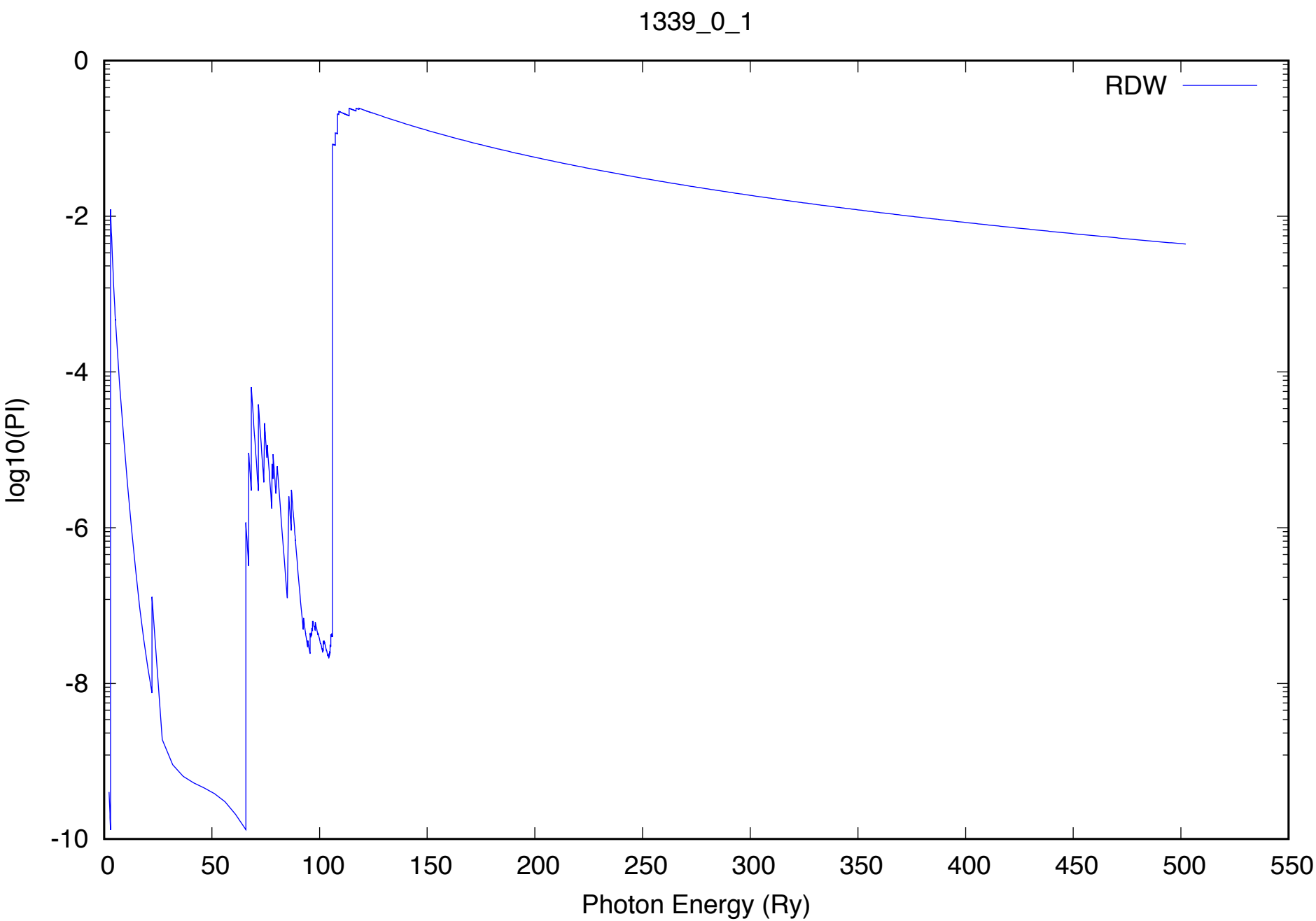

1334_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)

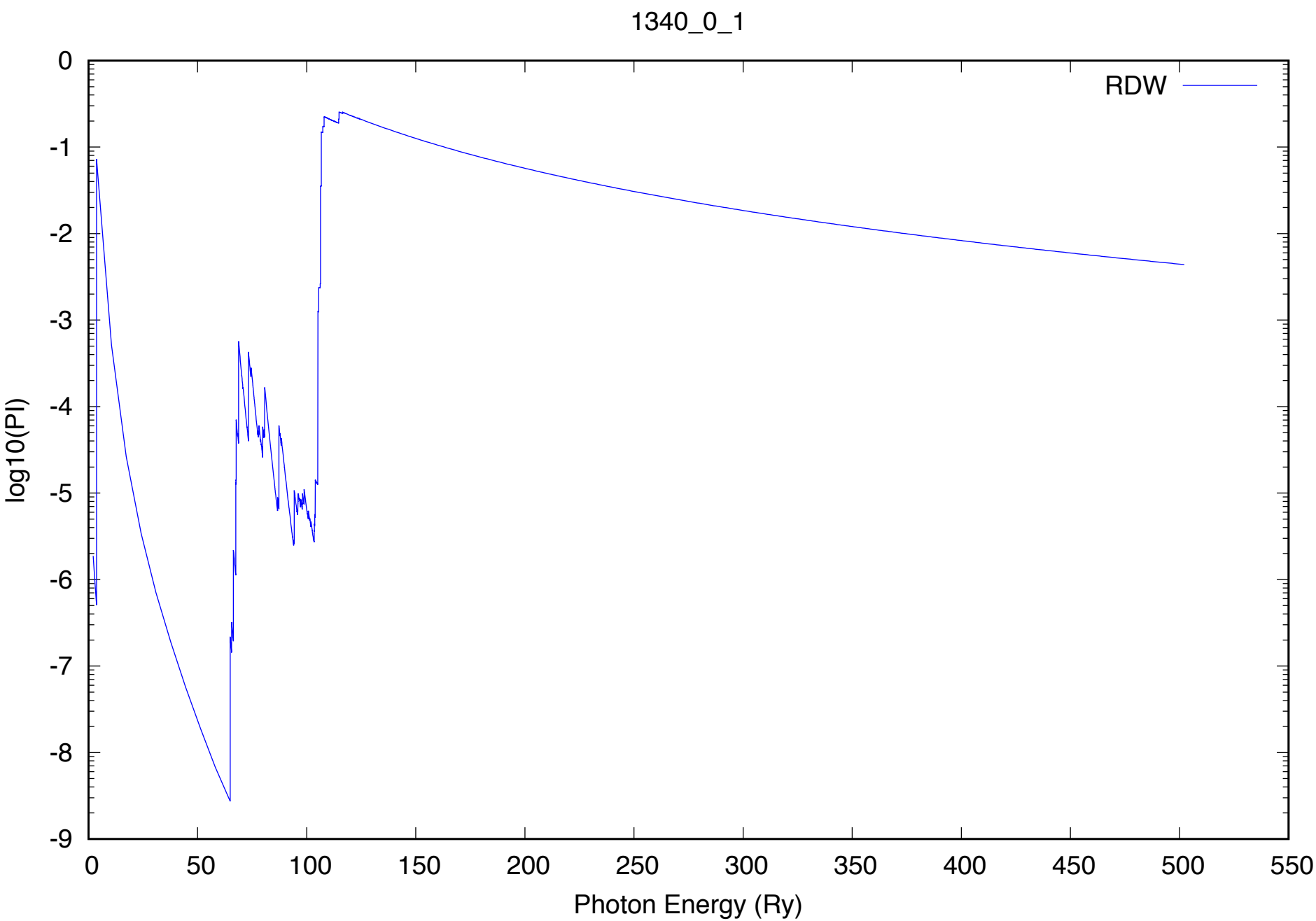

1335_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
-14
0
50
100
150
200
250
300
350
400
450
500
550

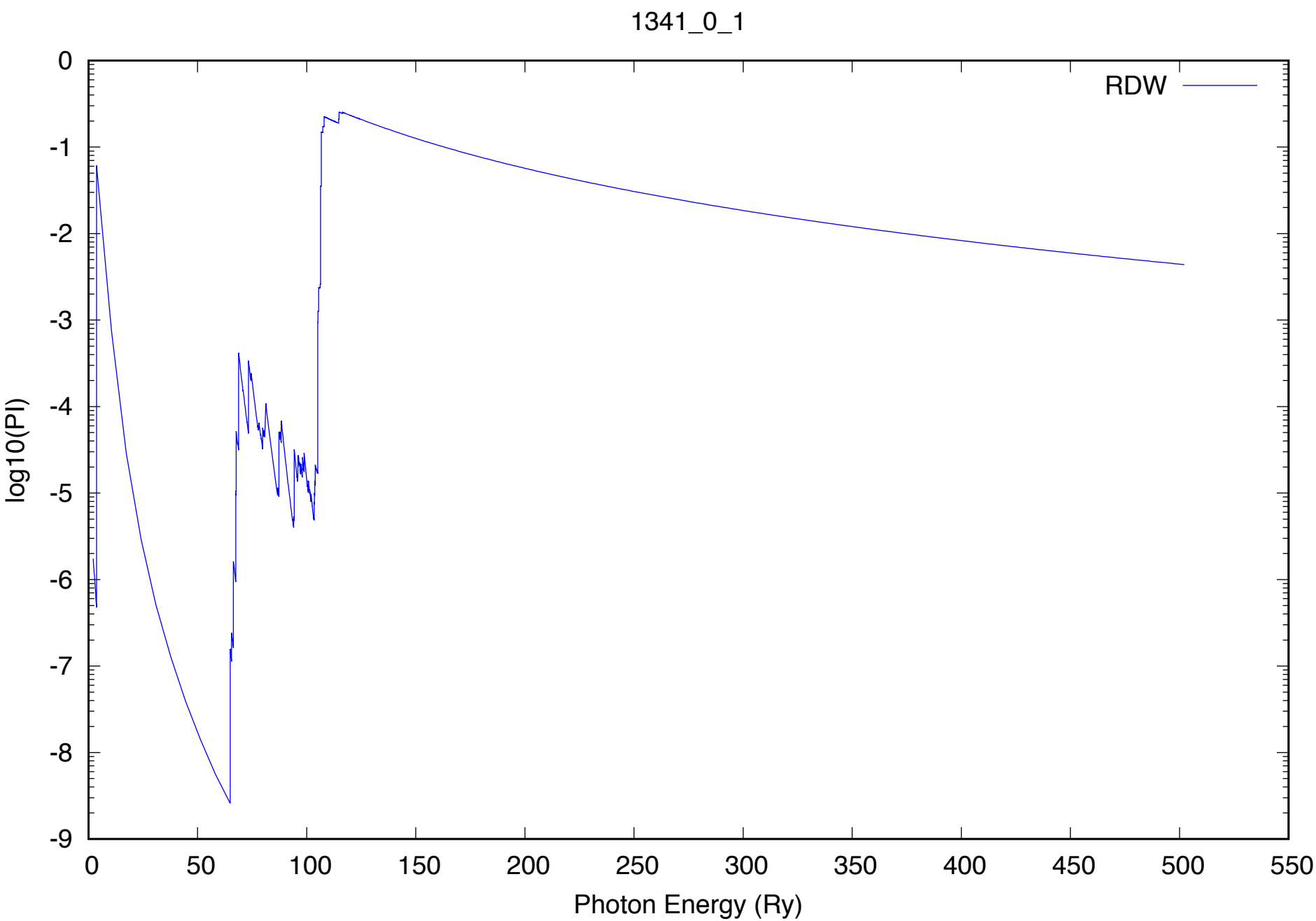

1336_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

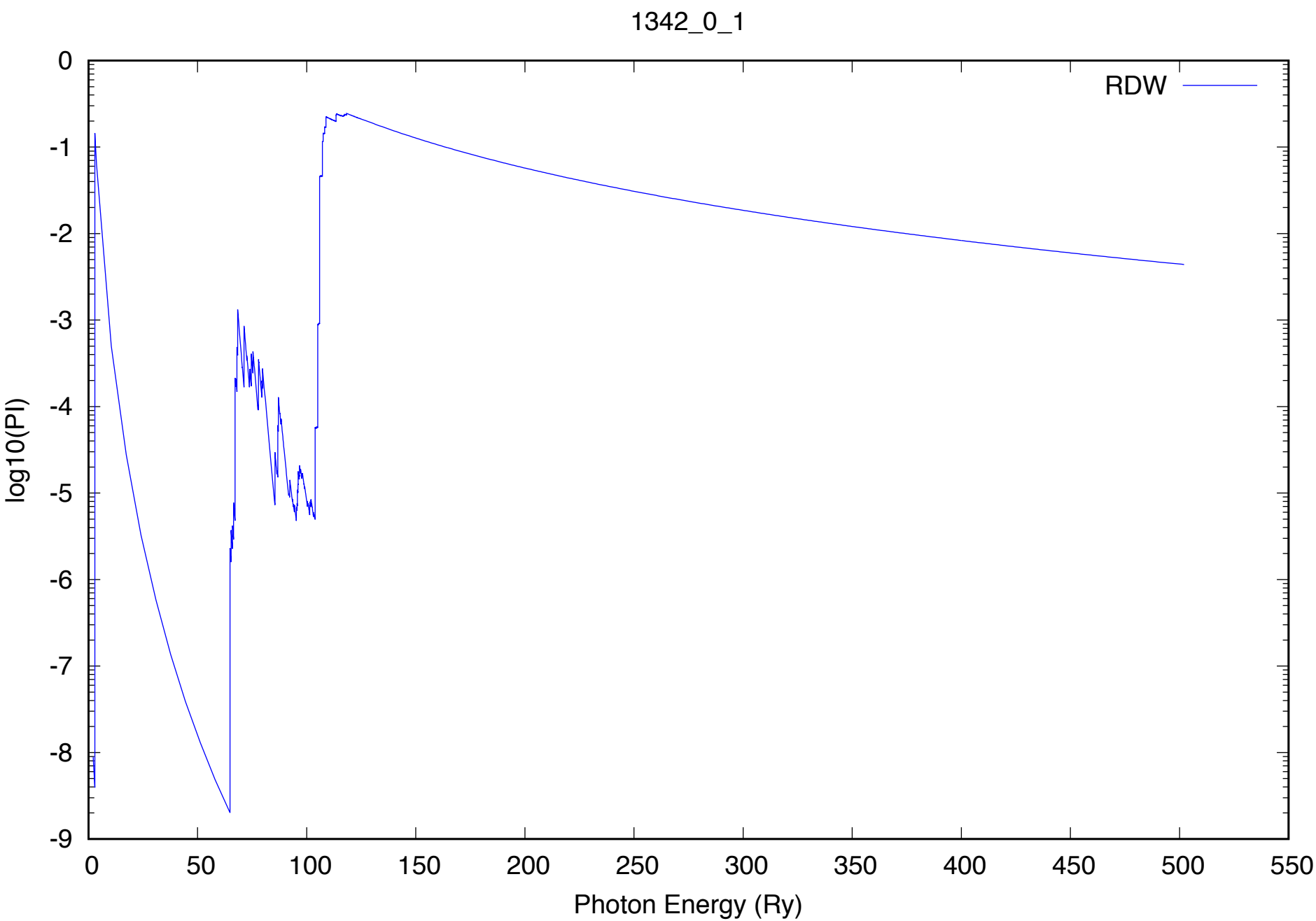

1337_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

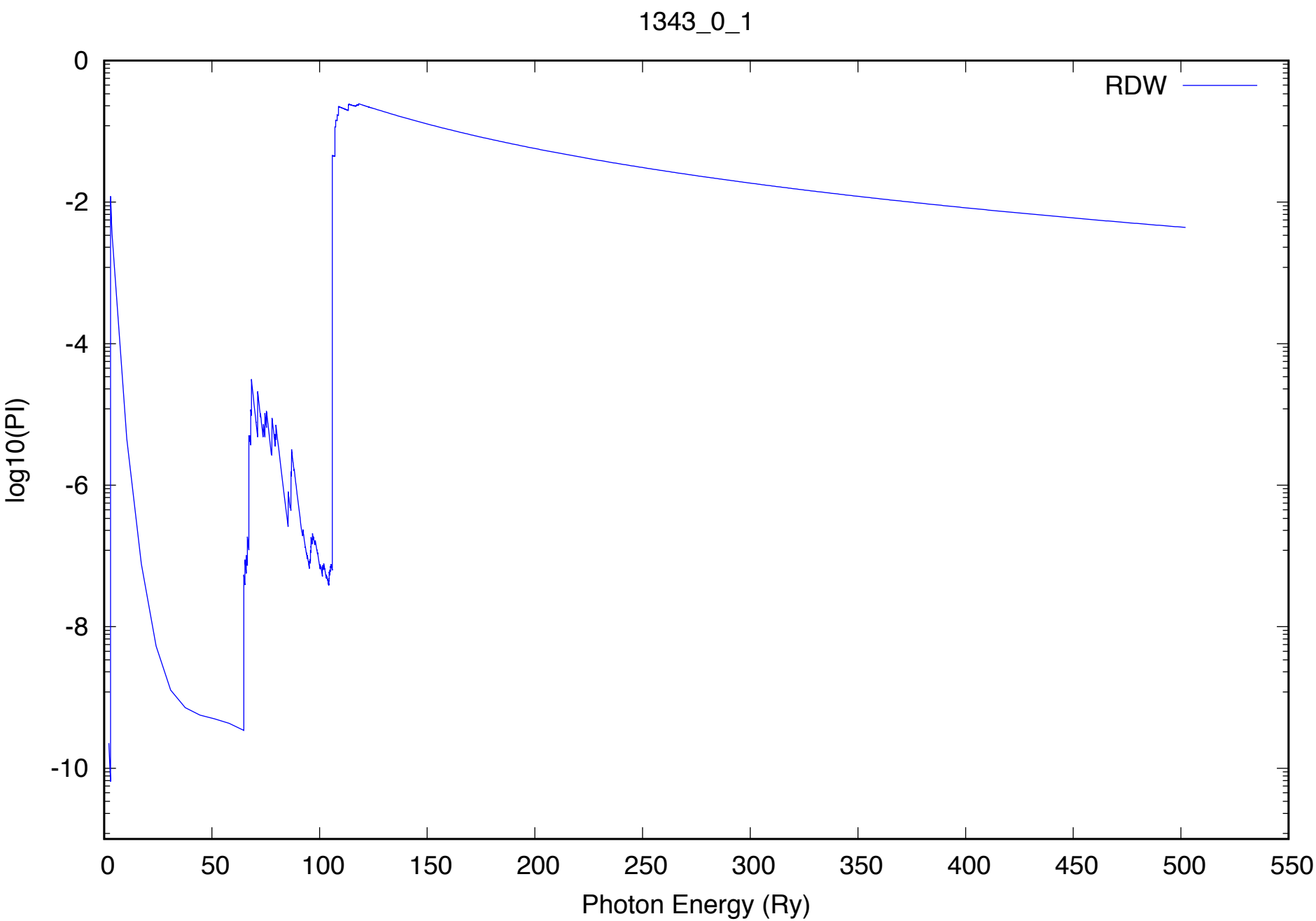

1338_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

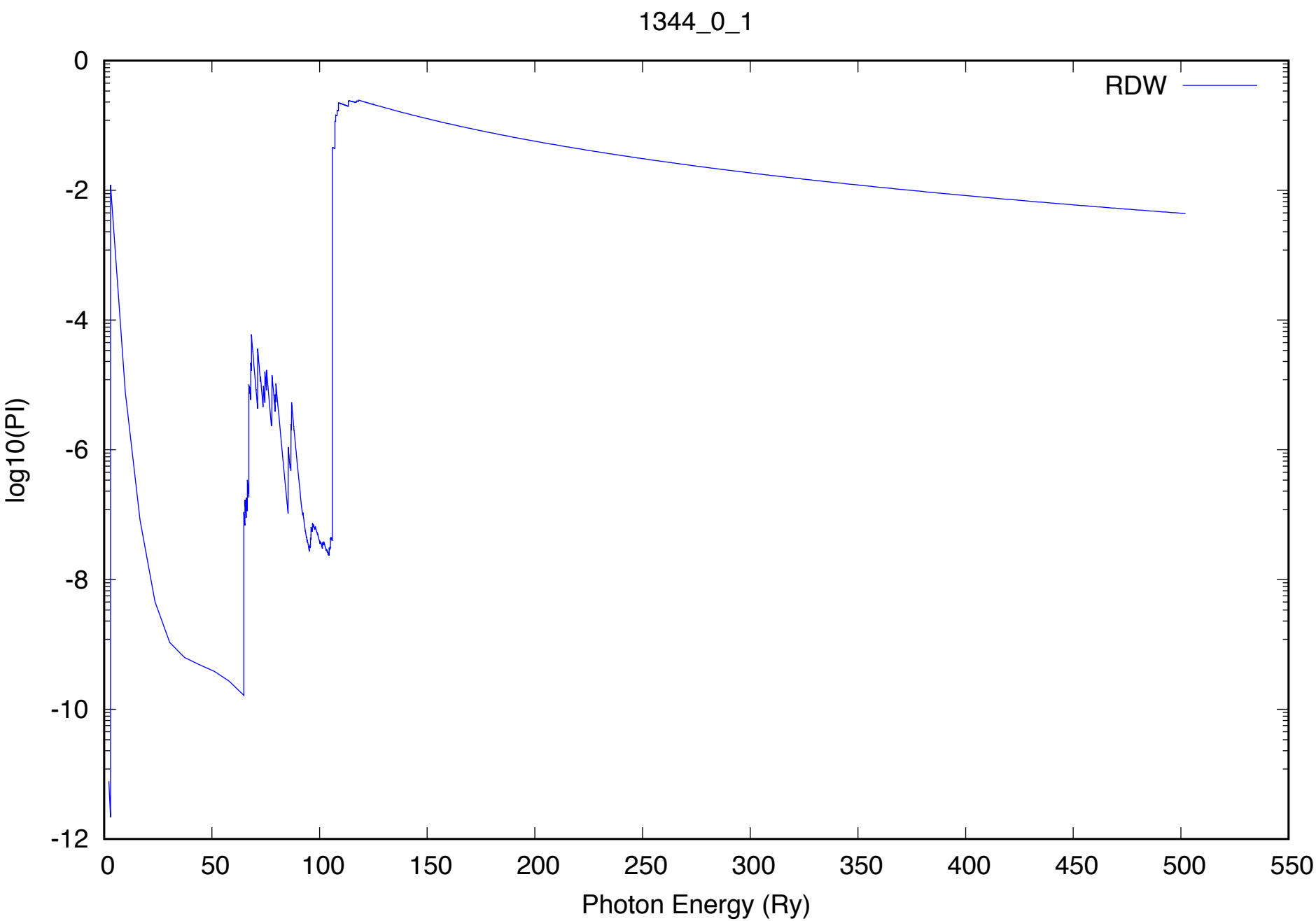

1339_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

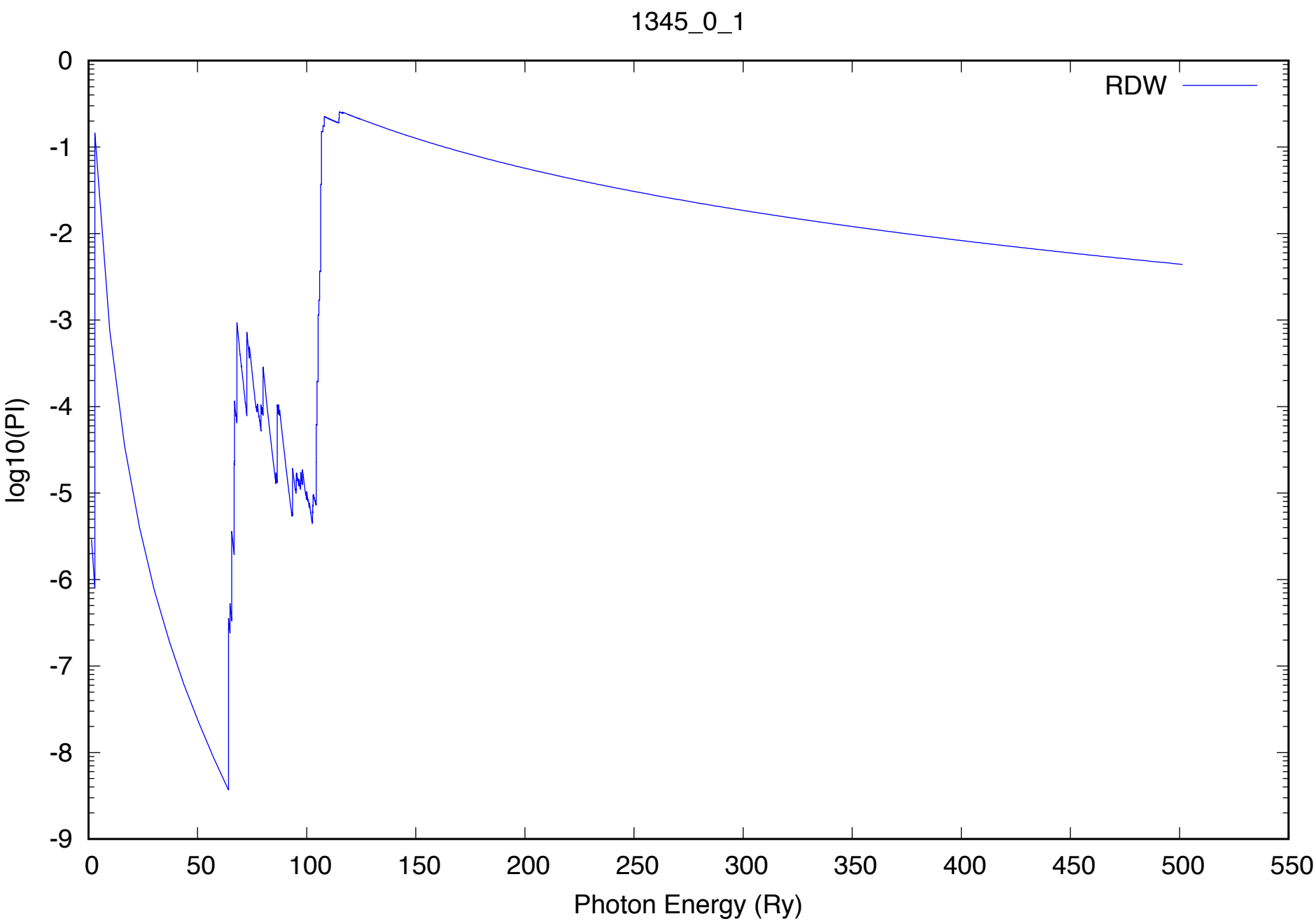

1340_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

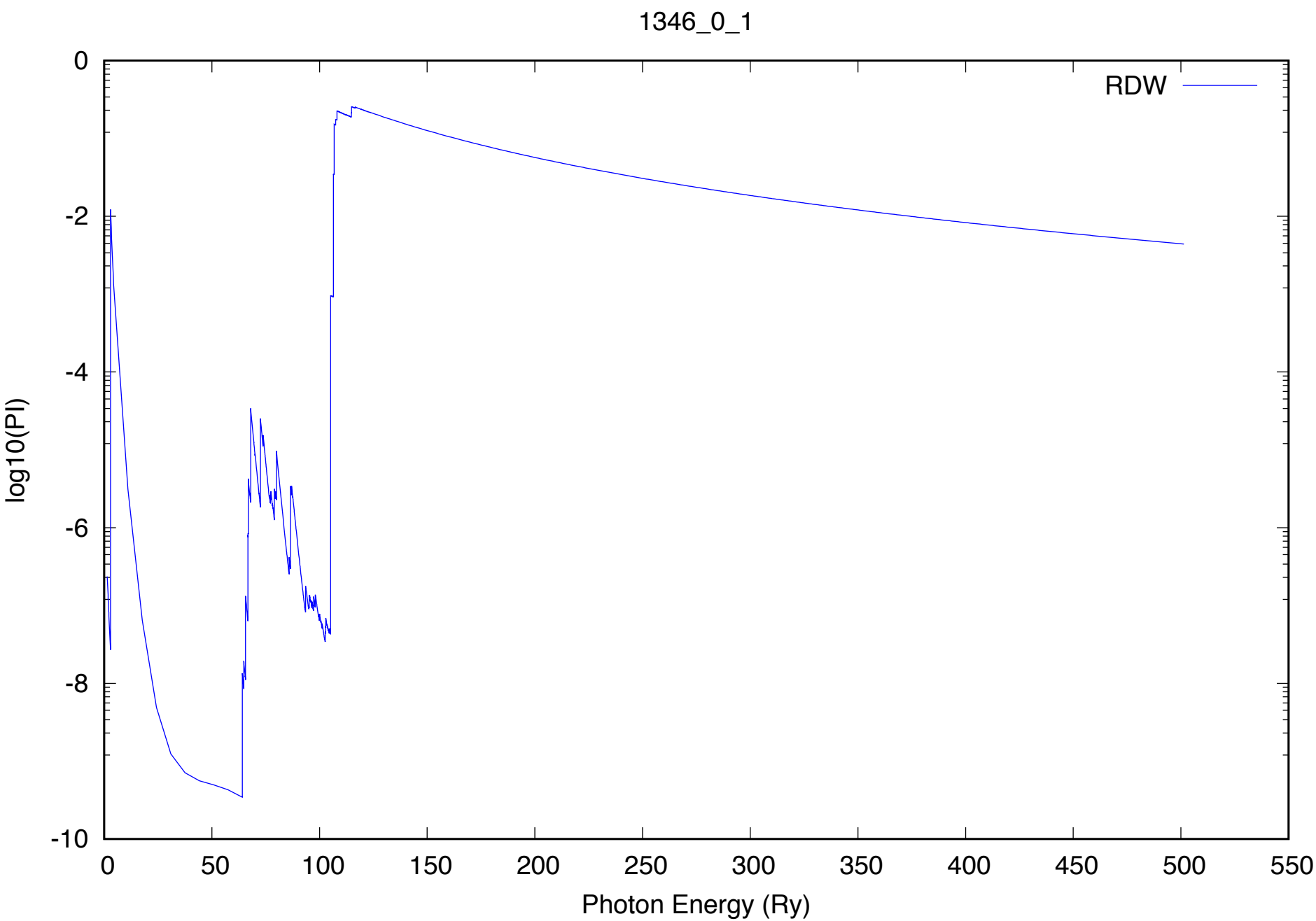

1341_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

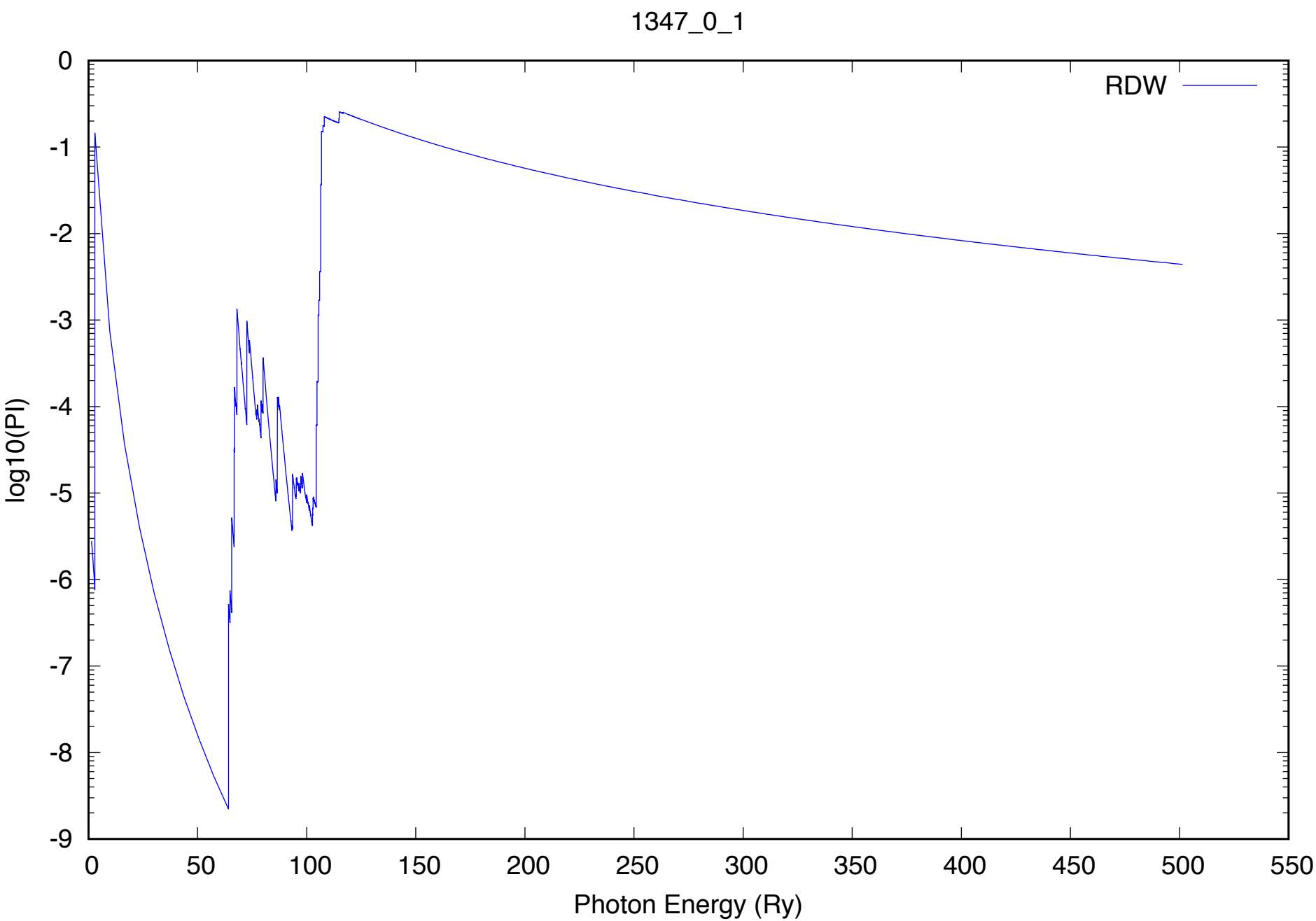

1342_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

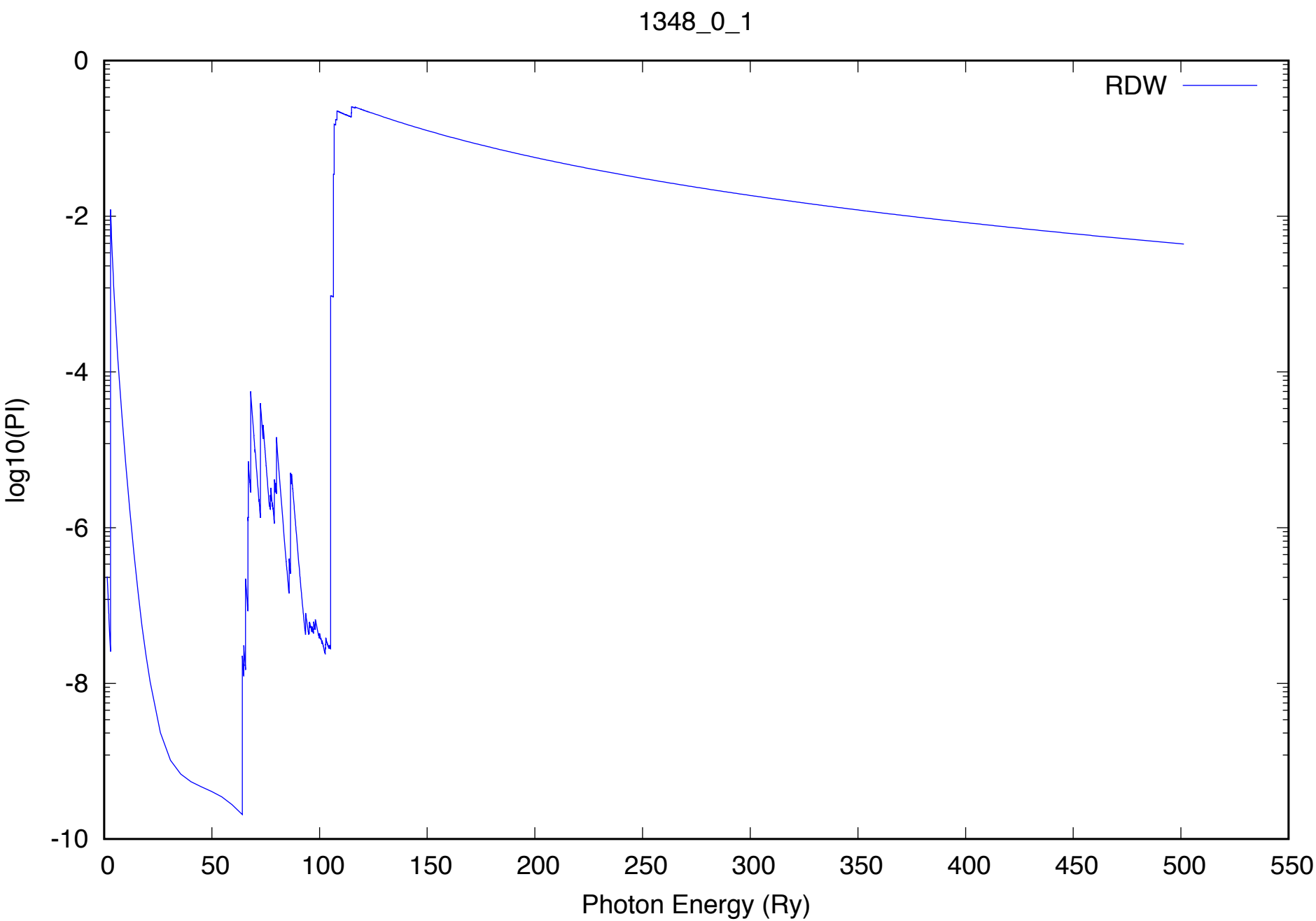

1343_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

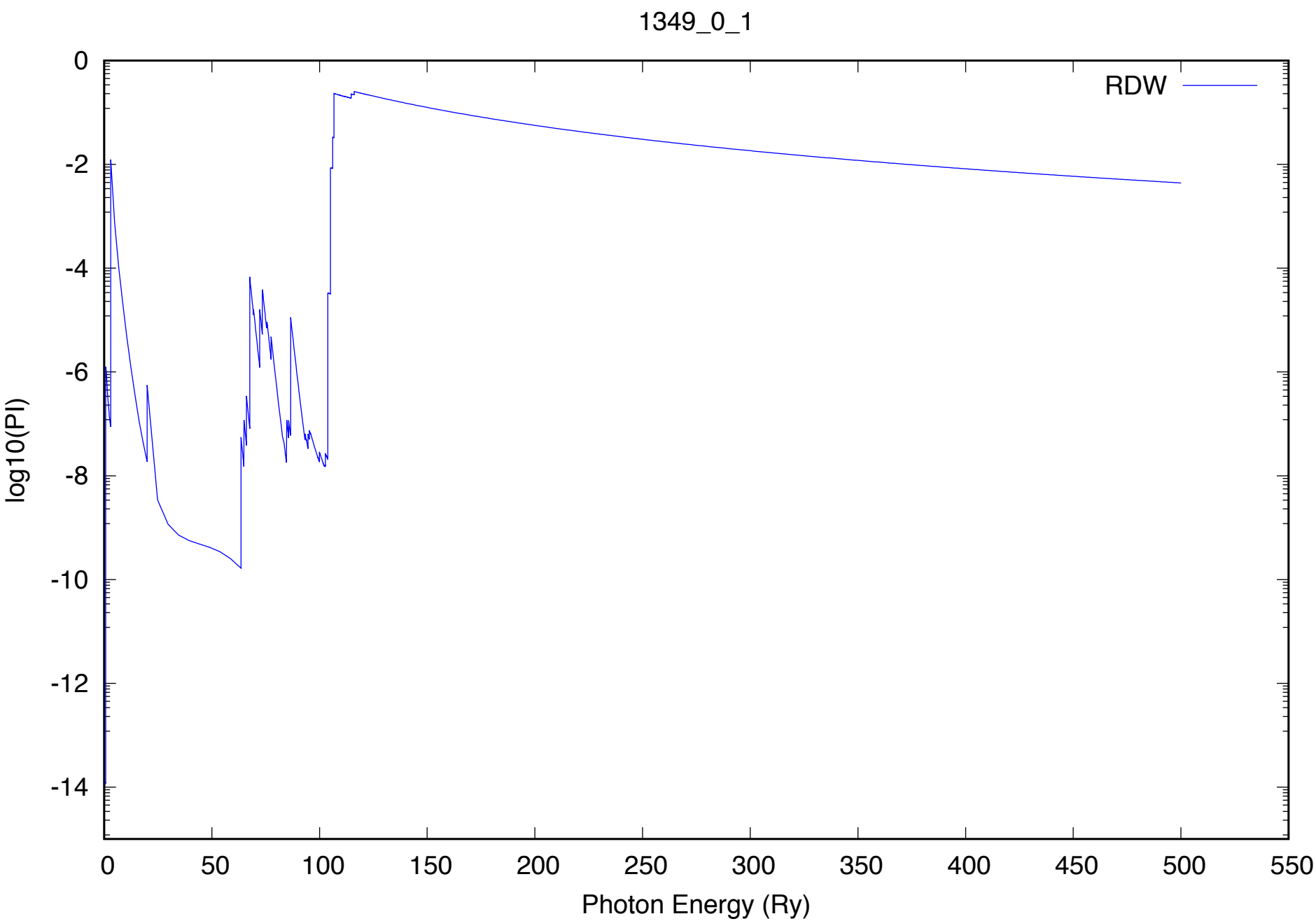

1344_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550

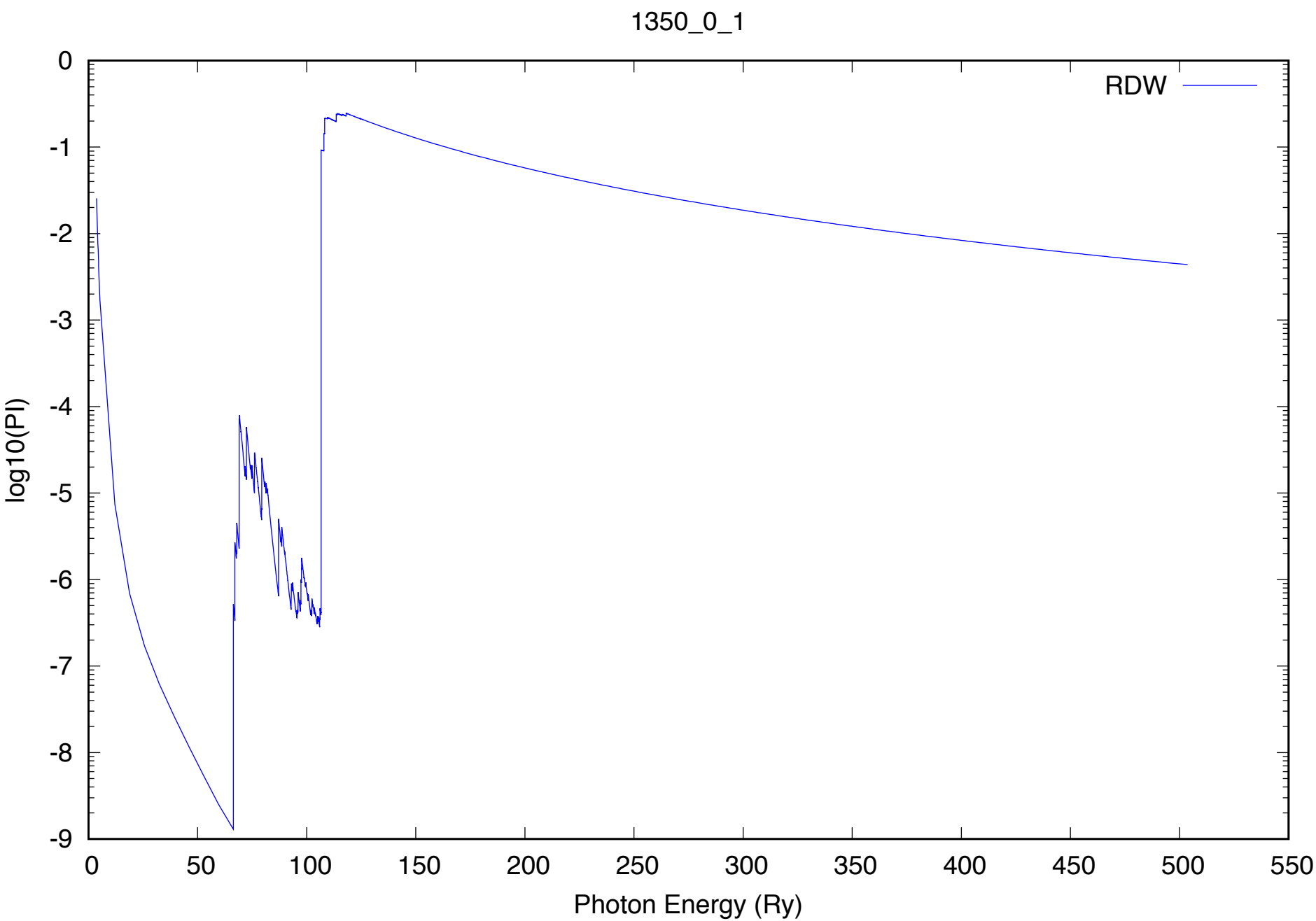

1345_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

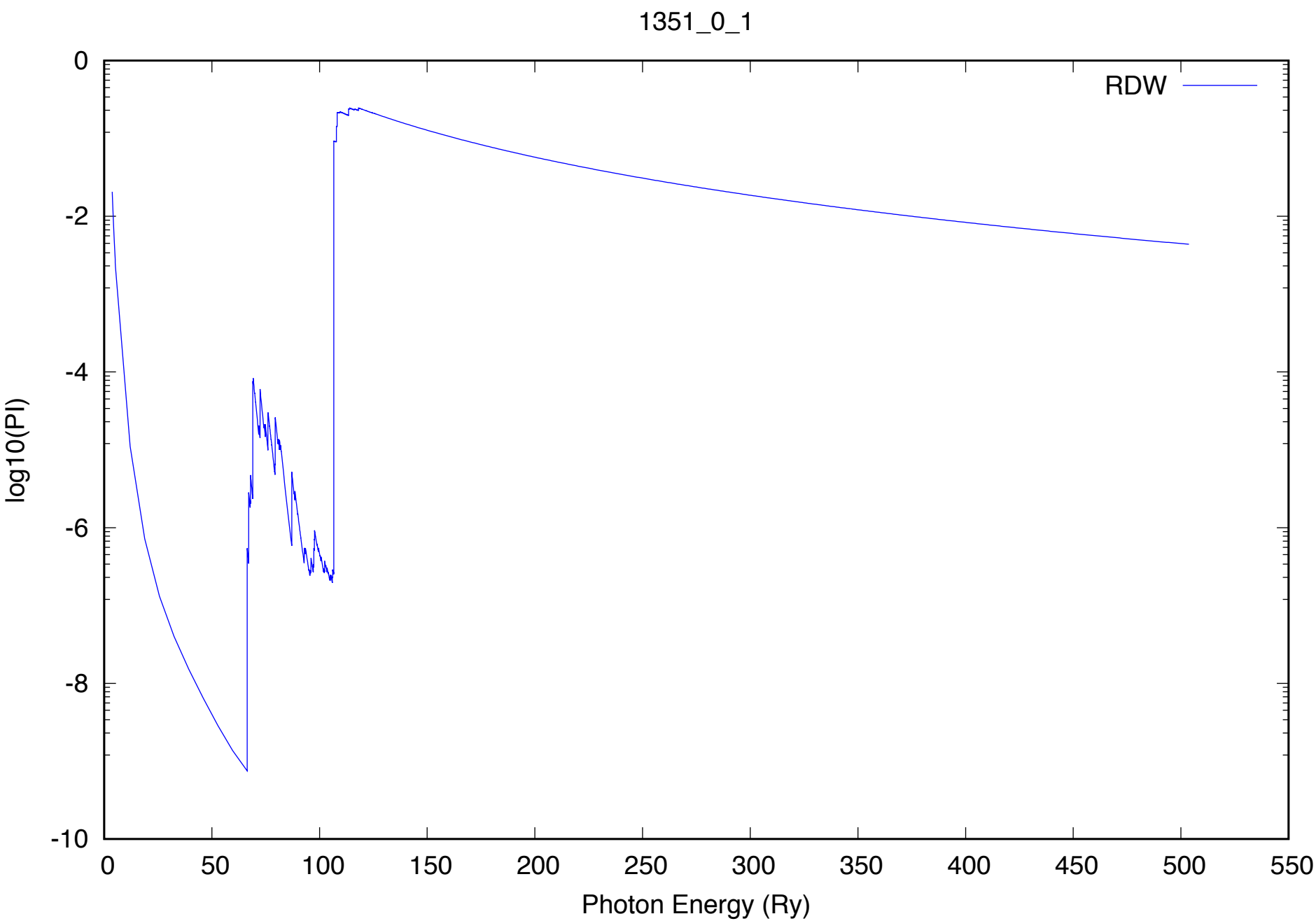

1346_0_1
RDW
0
-2
-4
-6
-8
-10
log10(PI)
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)

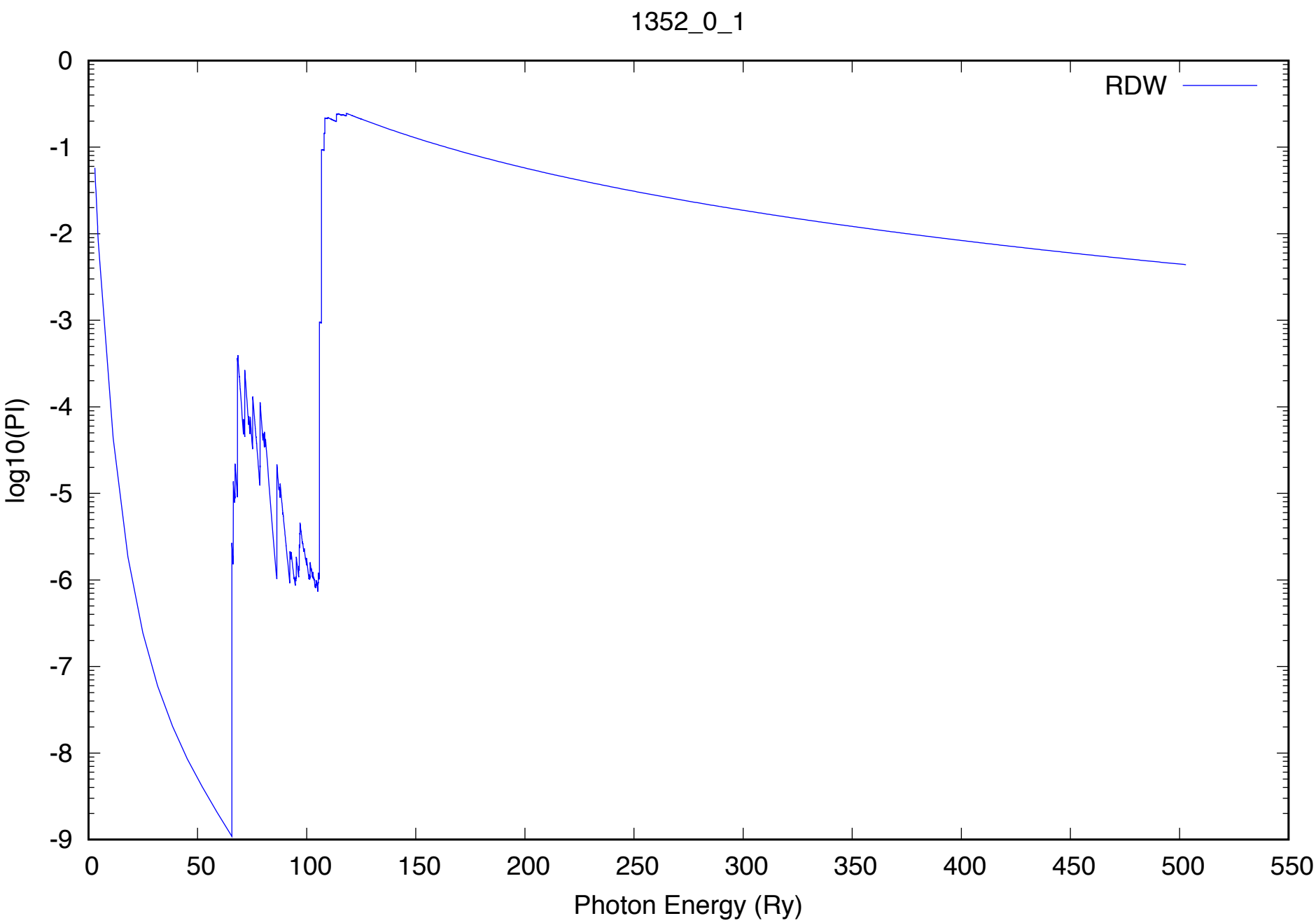

1347_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

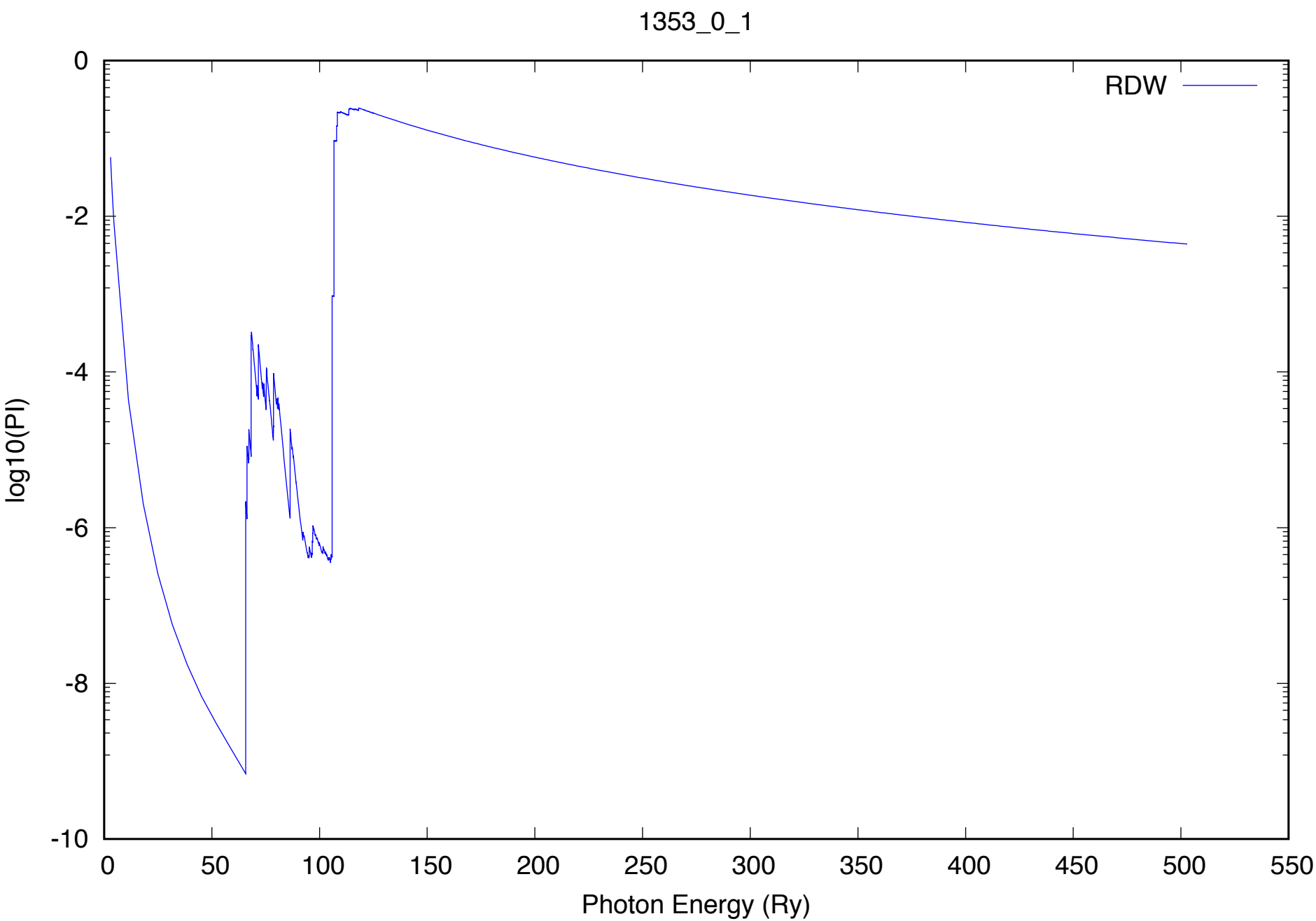

1348_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

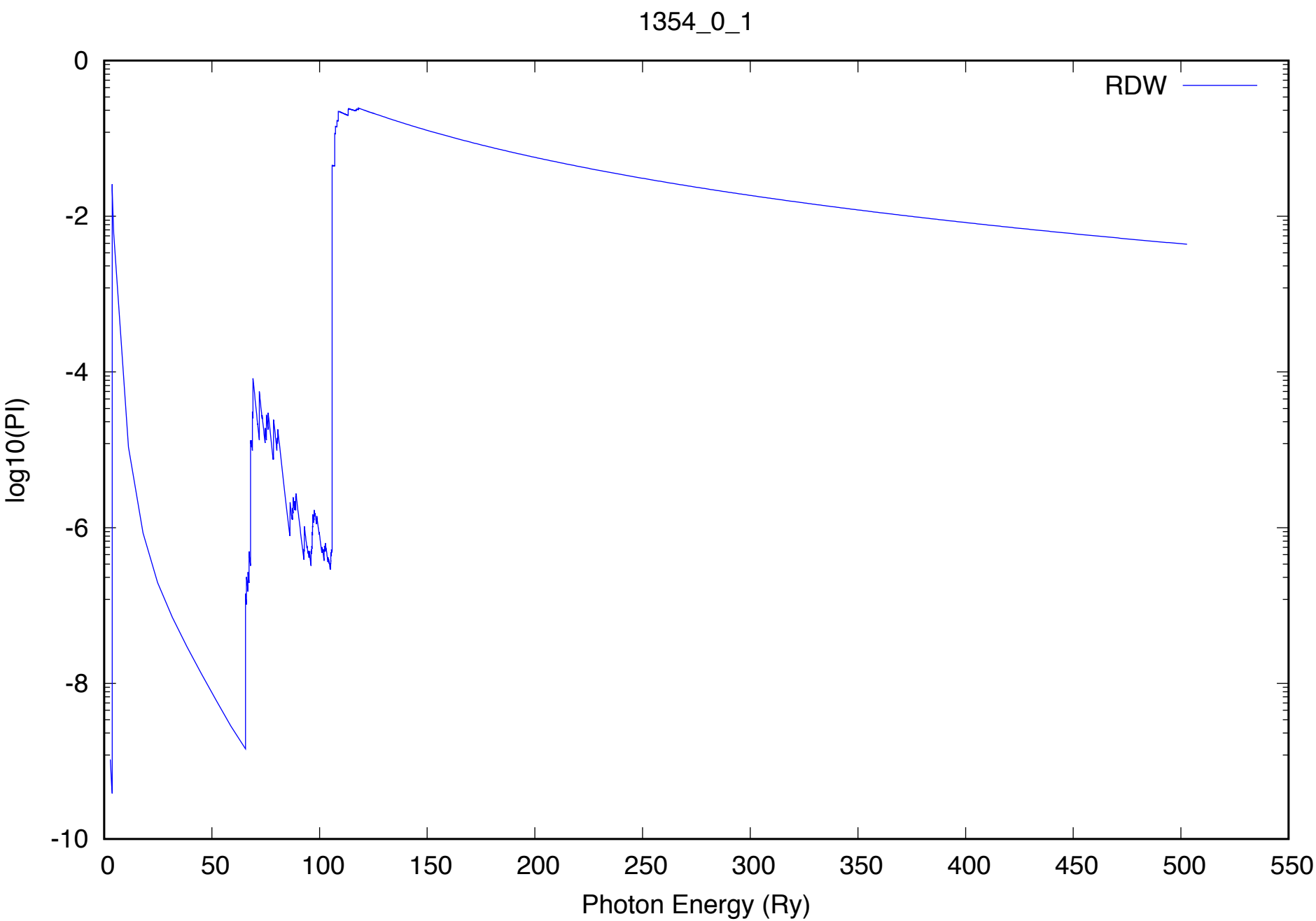

1349_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
-14
0
50
100
150
200
250
300
350
400
450
500
550

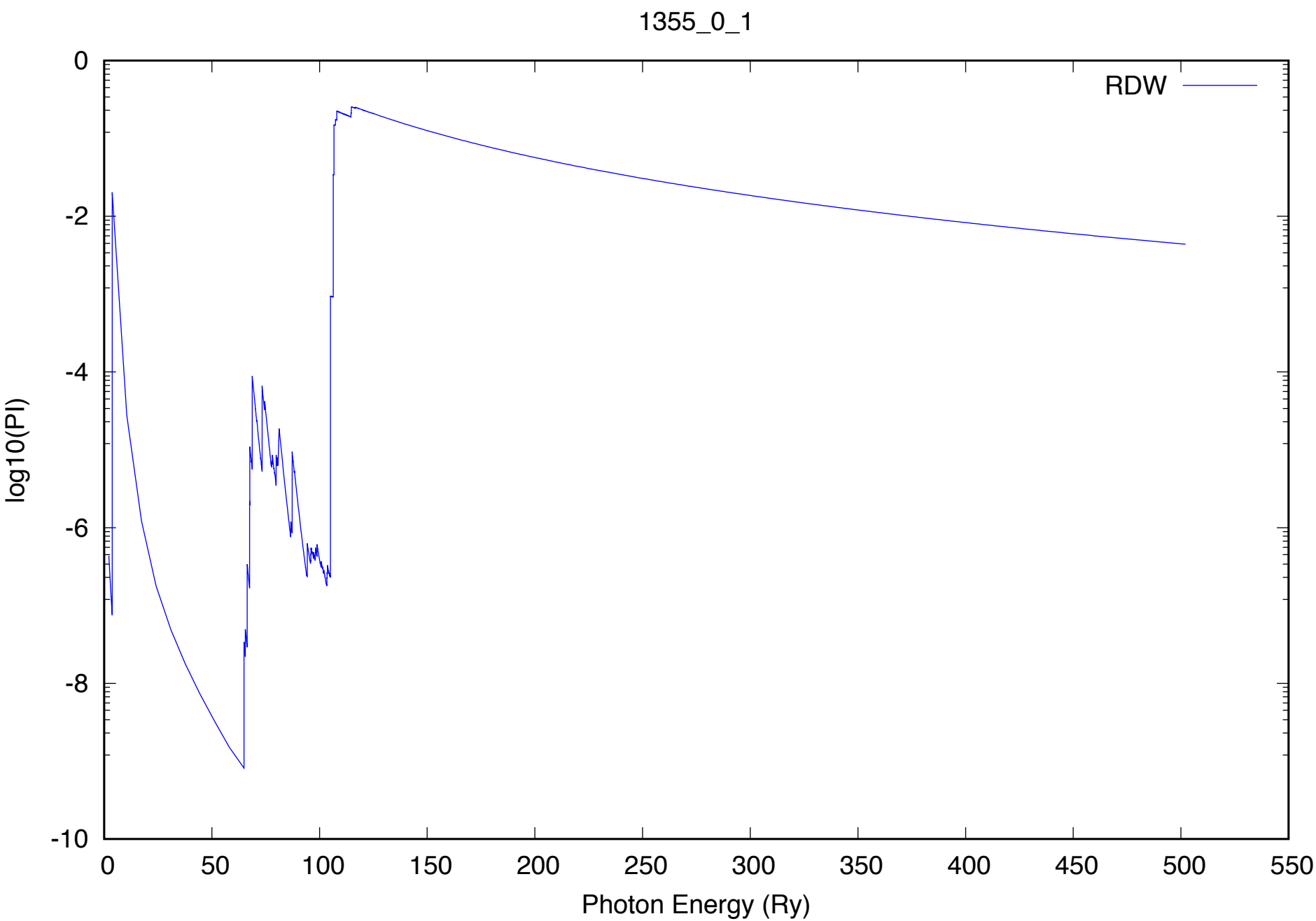

1350_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

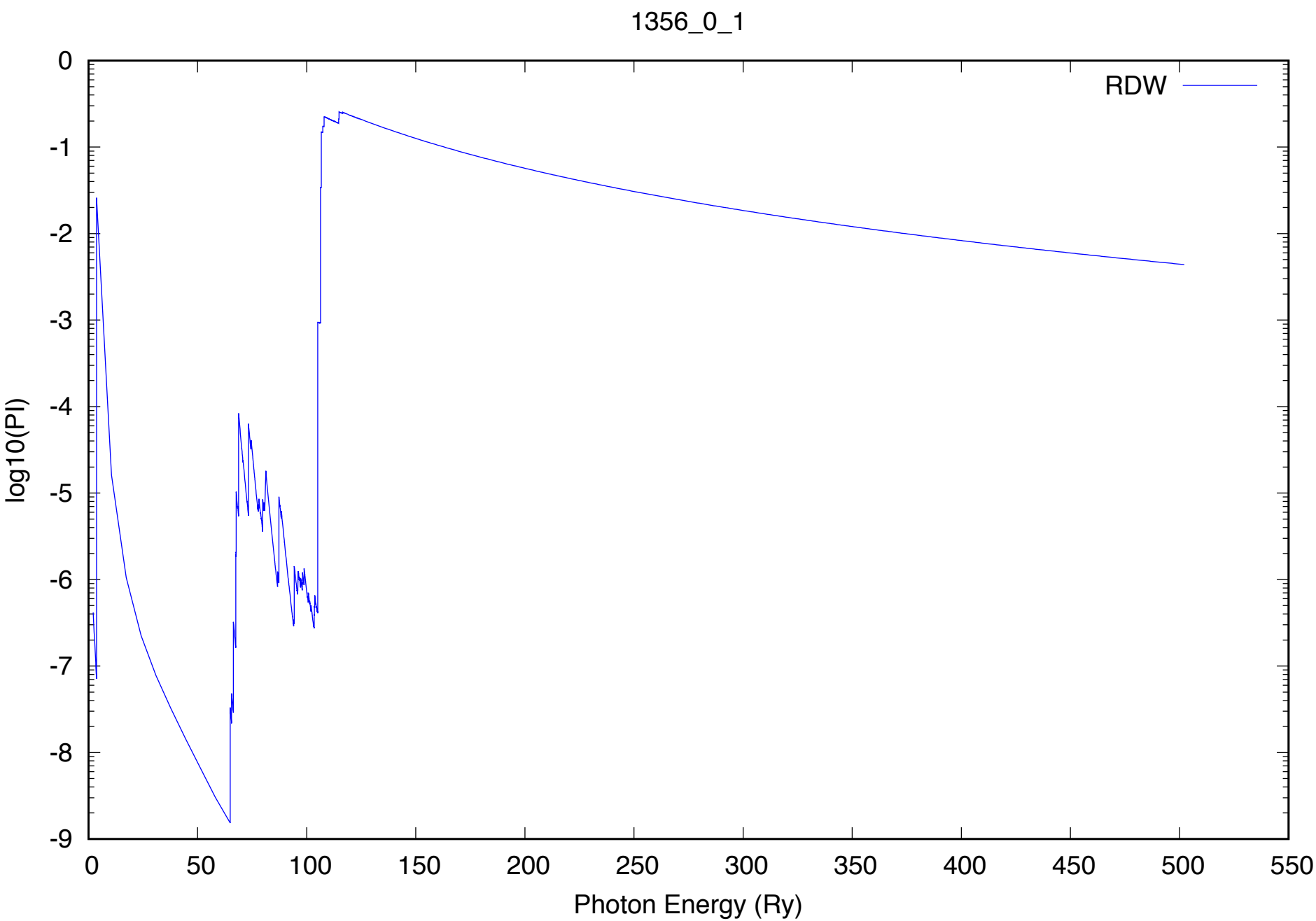

1351_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

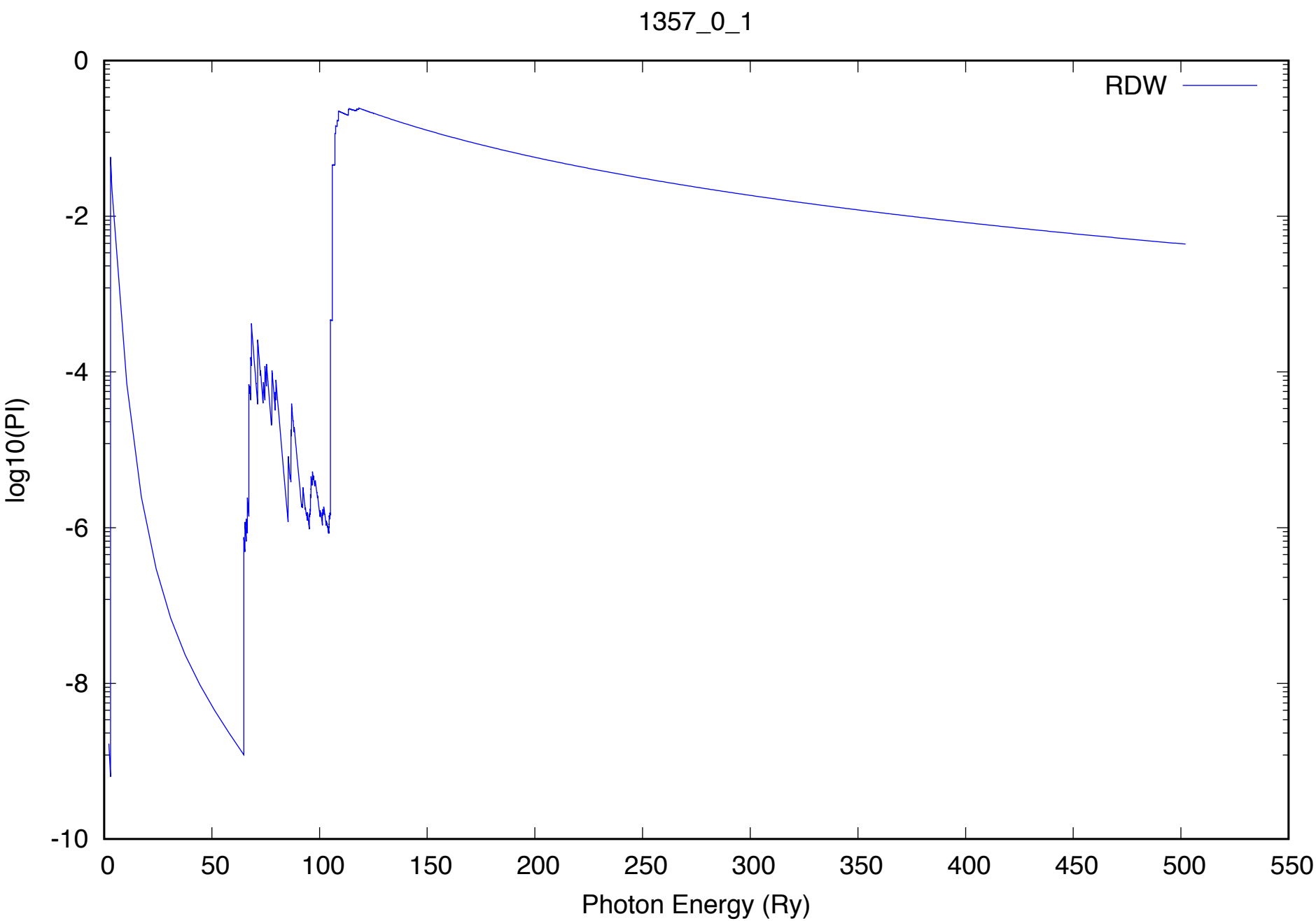

1352_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

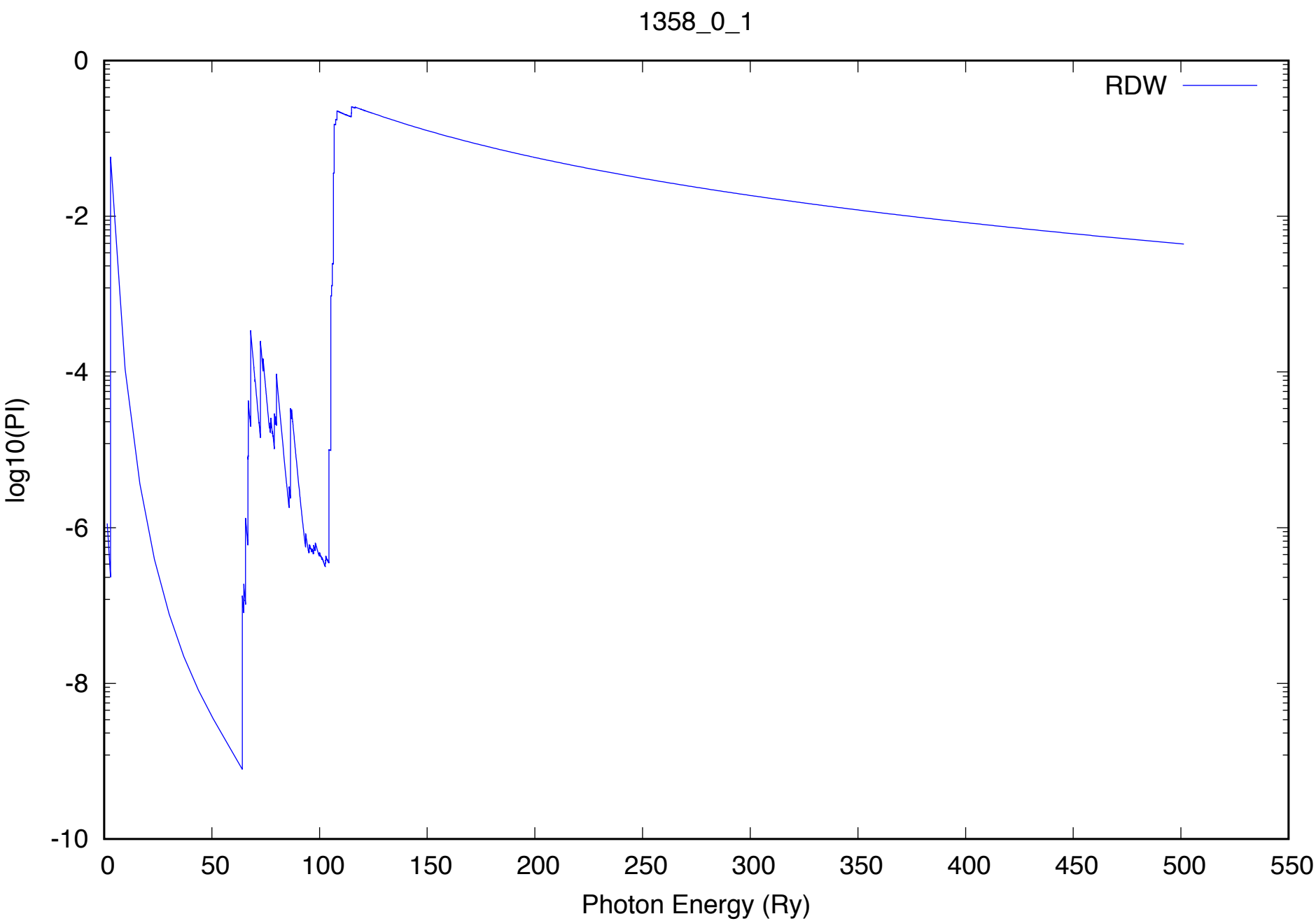

1353_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

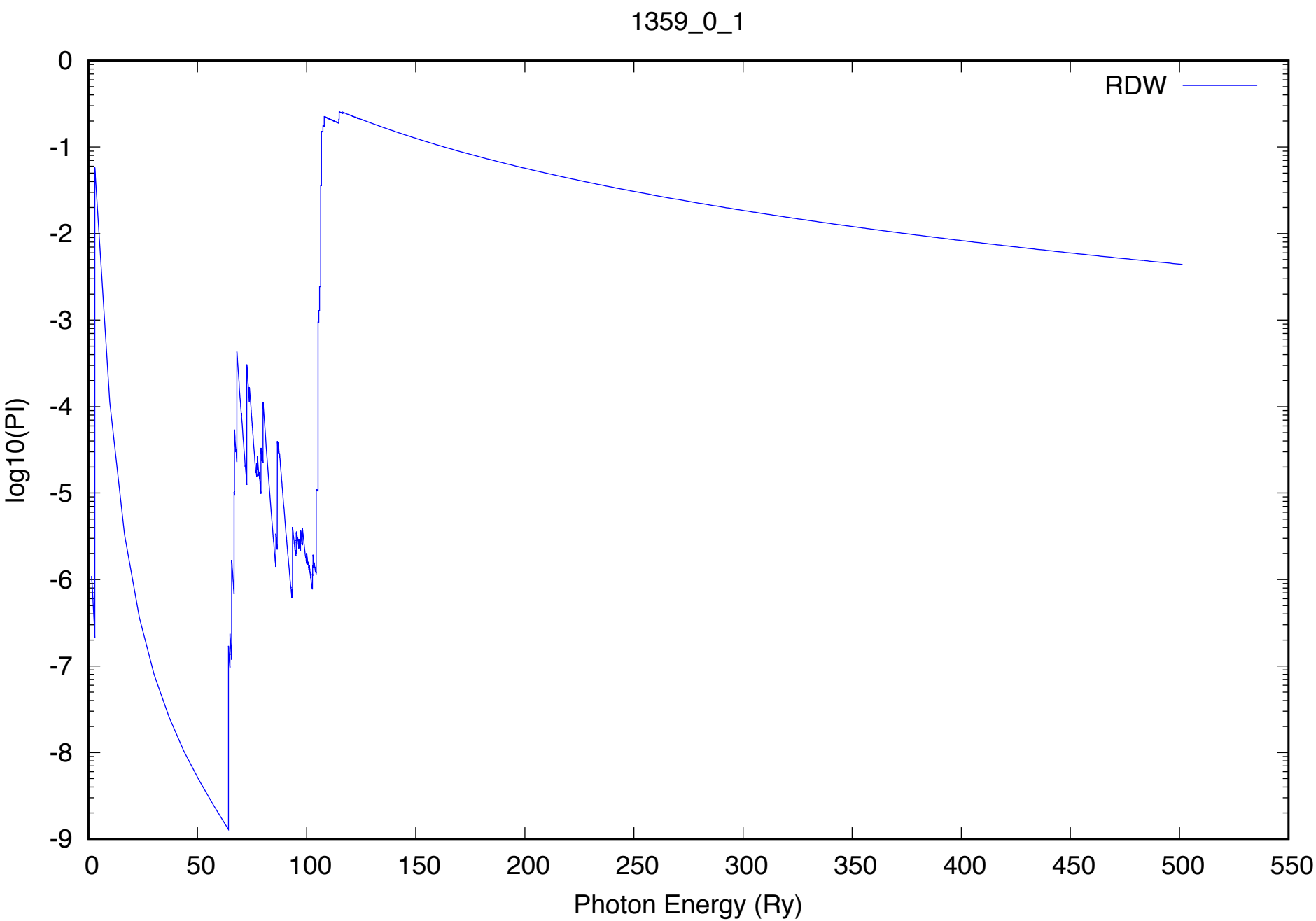

1354_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

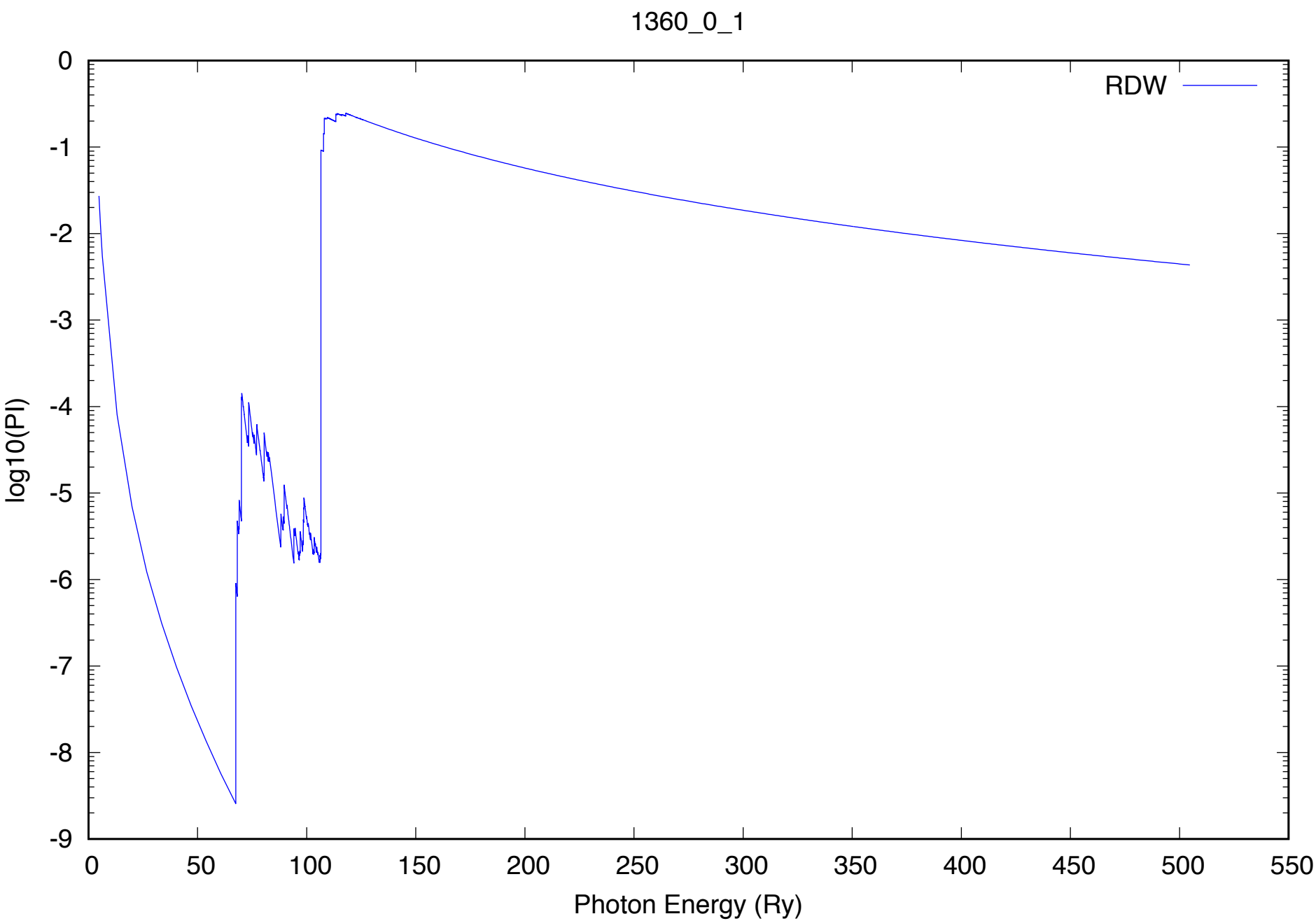

1355_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

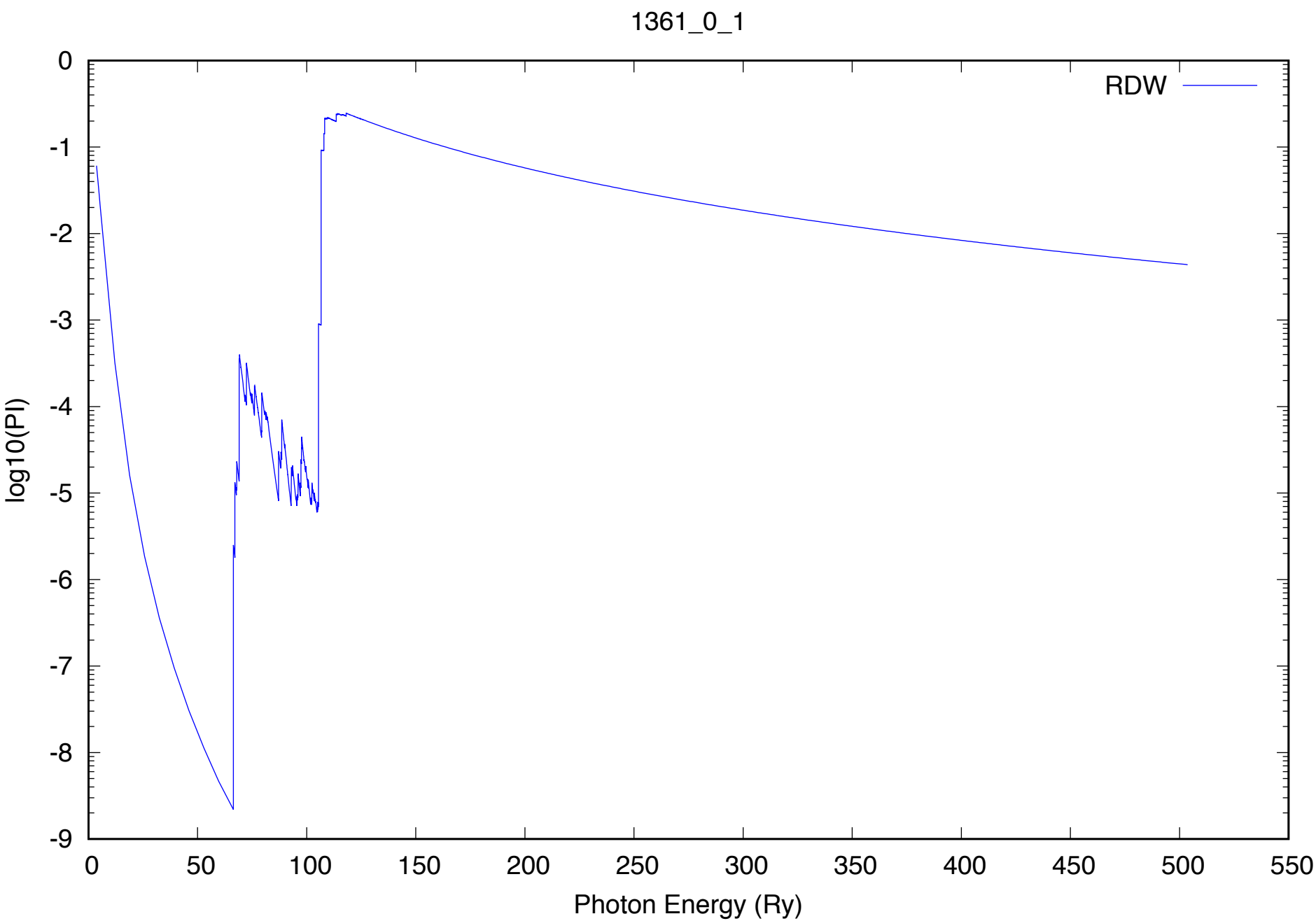

1356_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

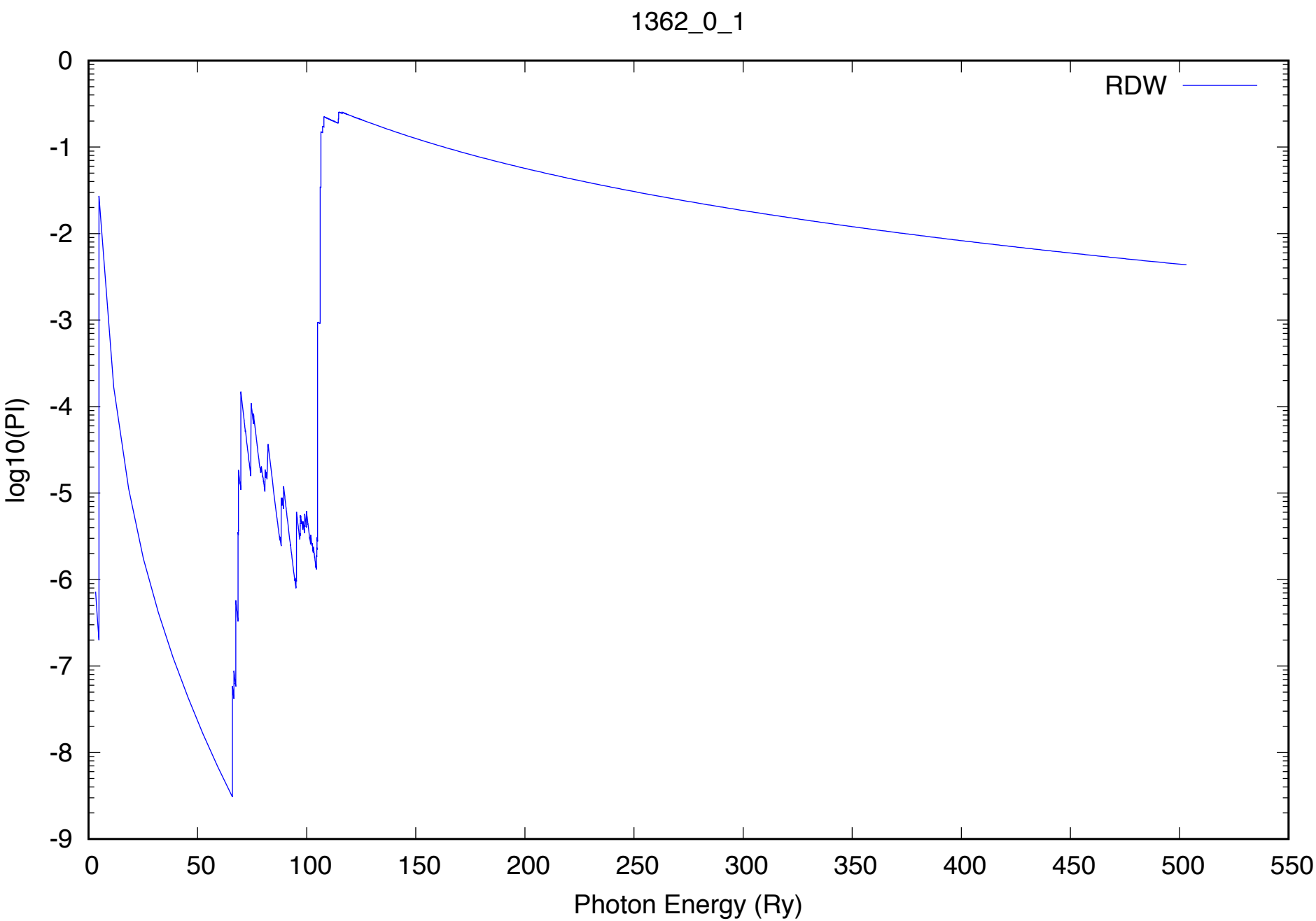

1357_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

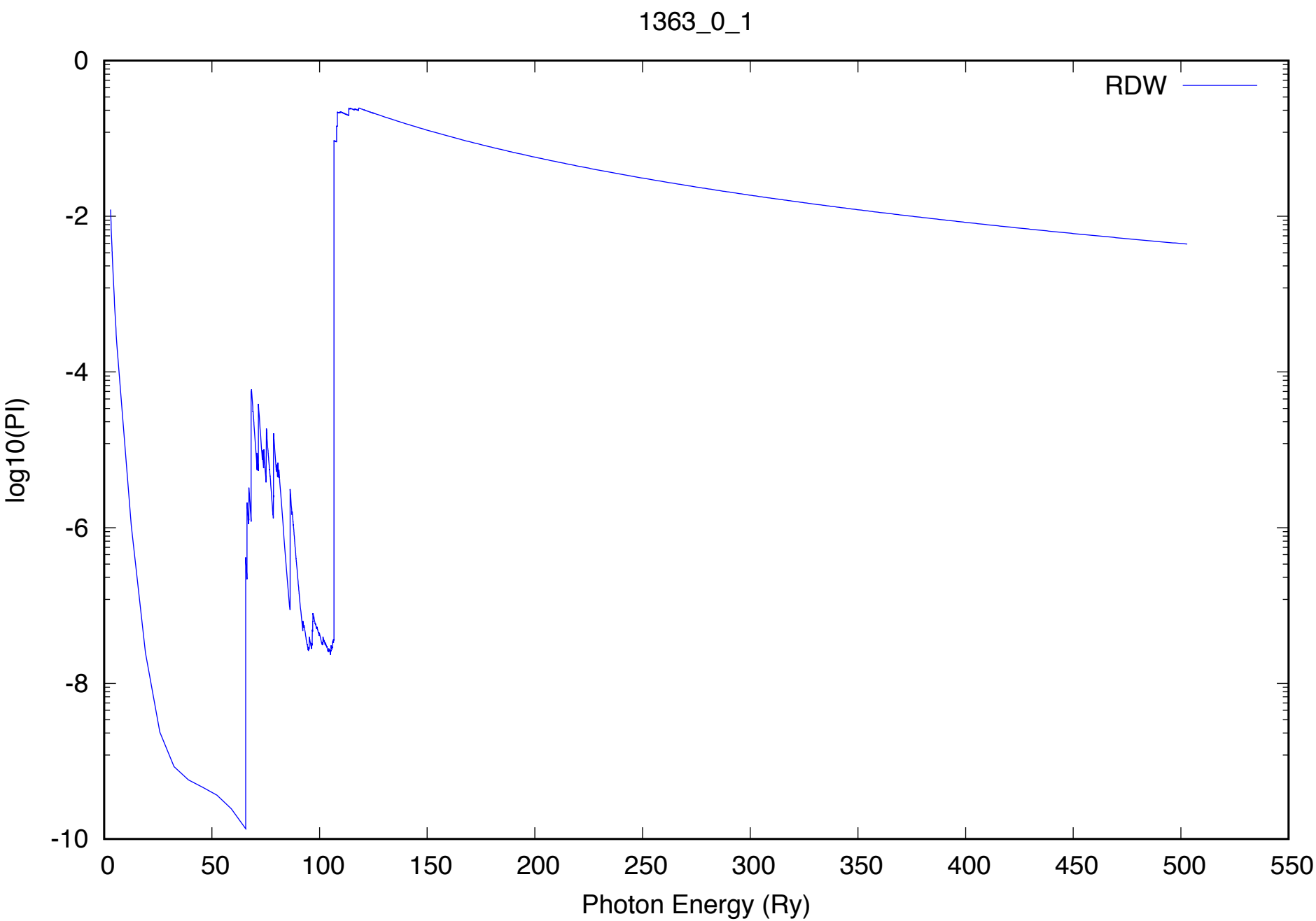

1358_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

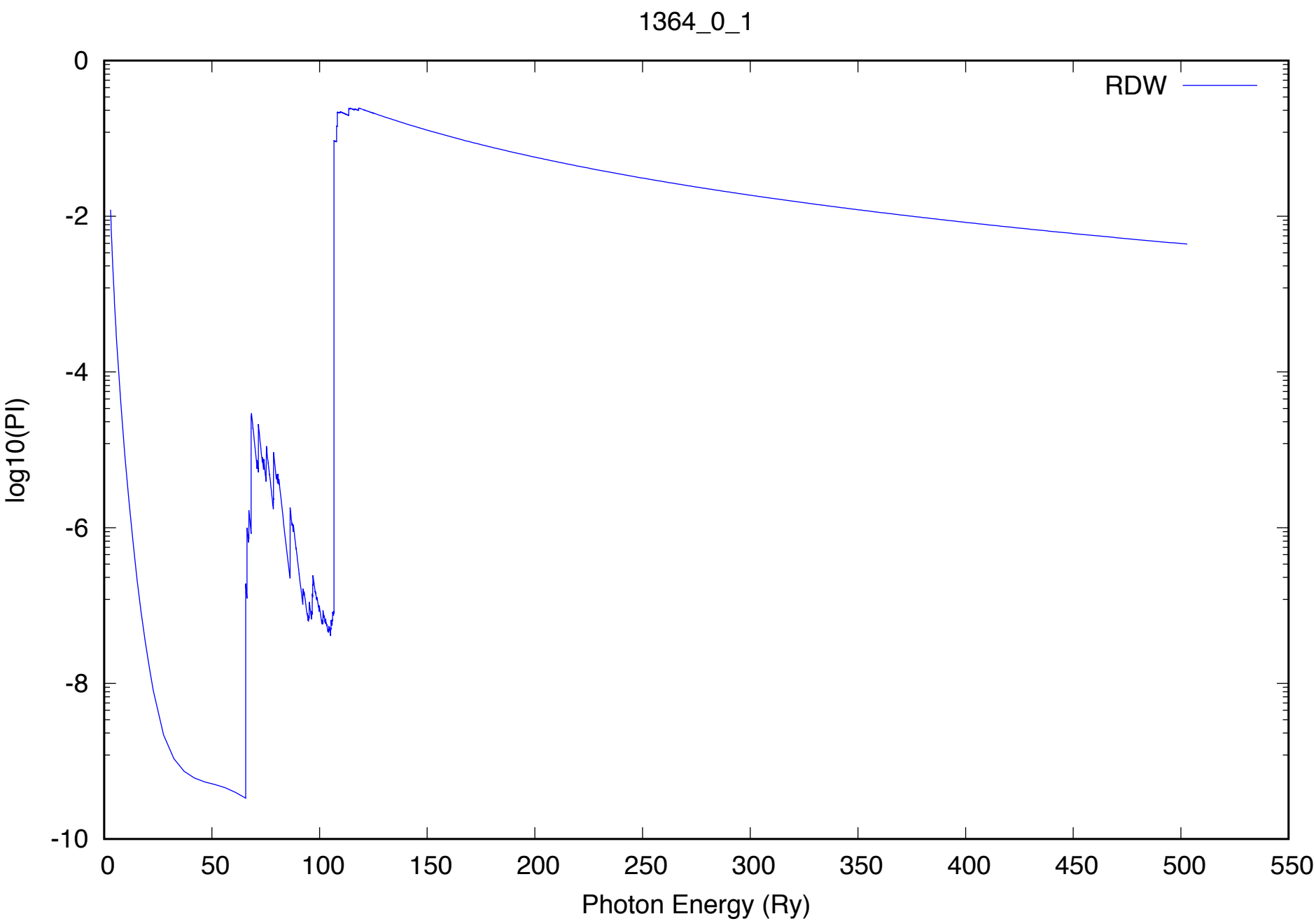

1359_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

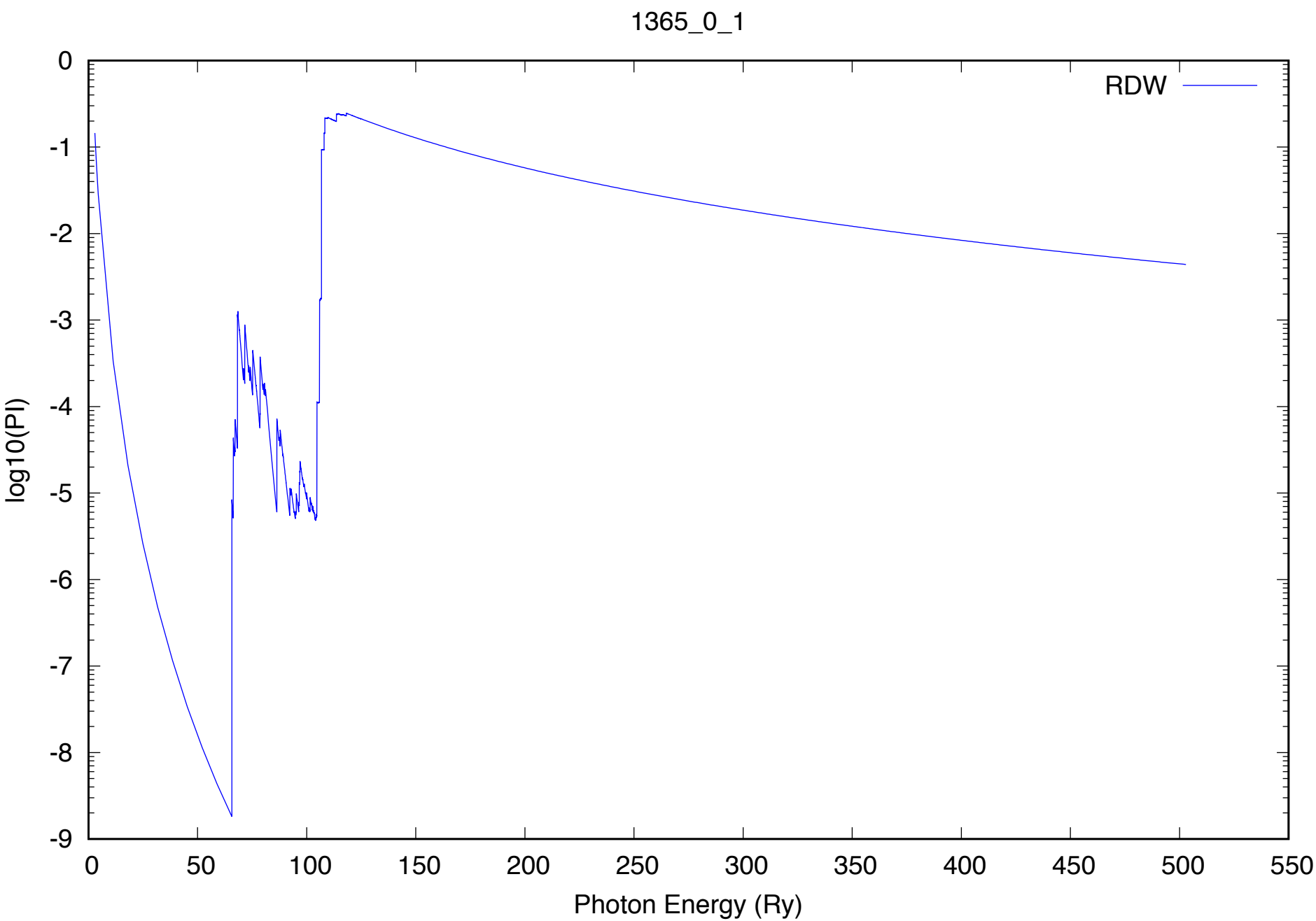

1360_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

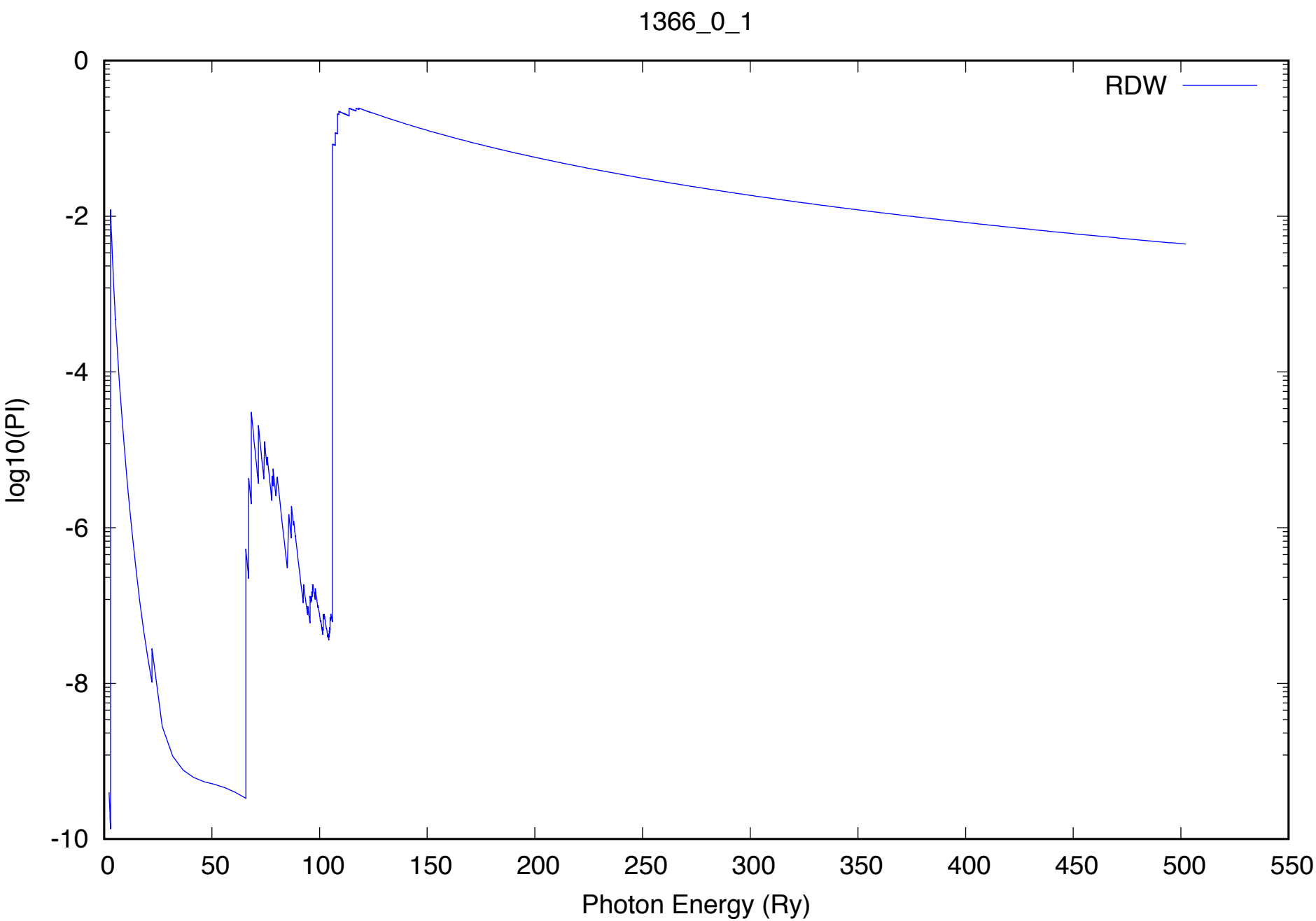

1361_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

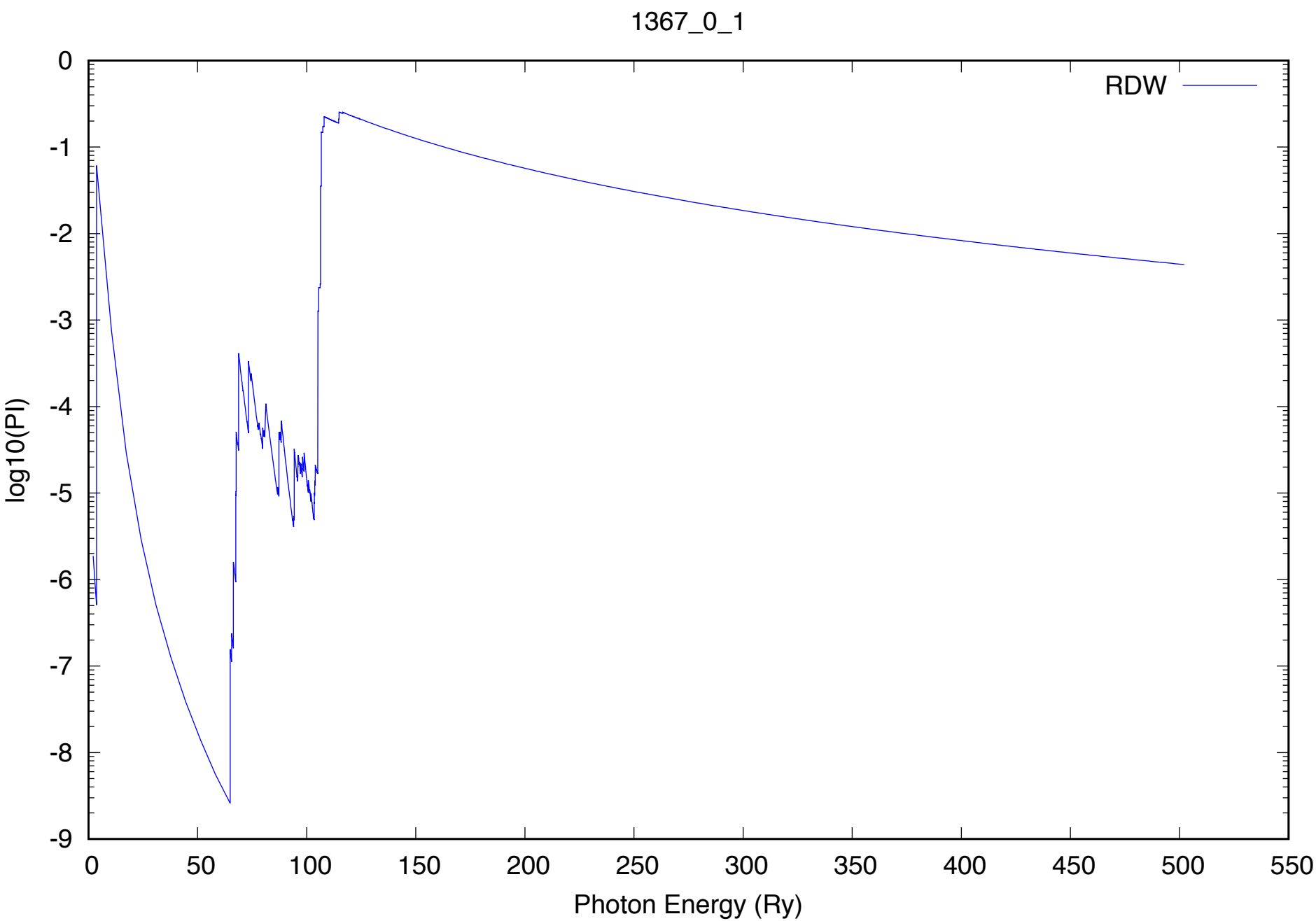

1362_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

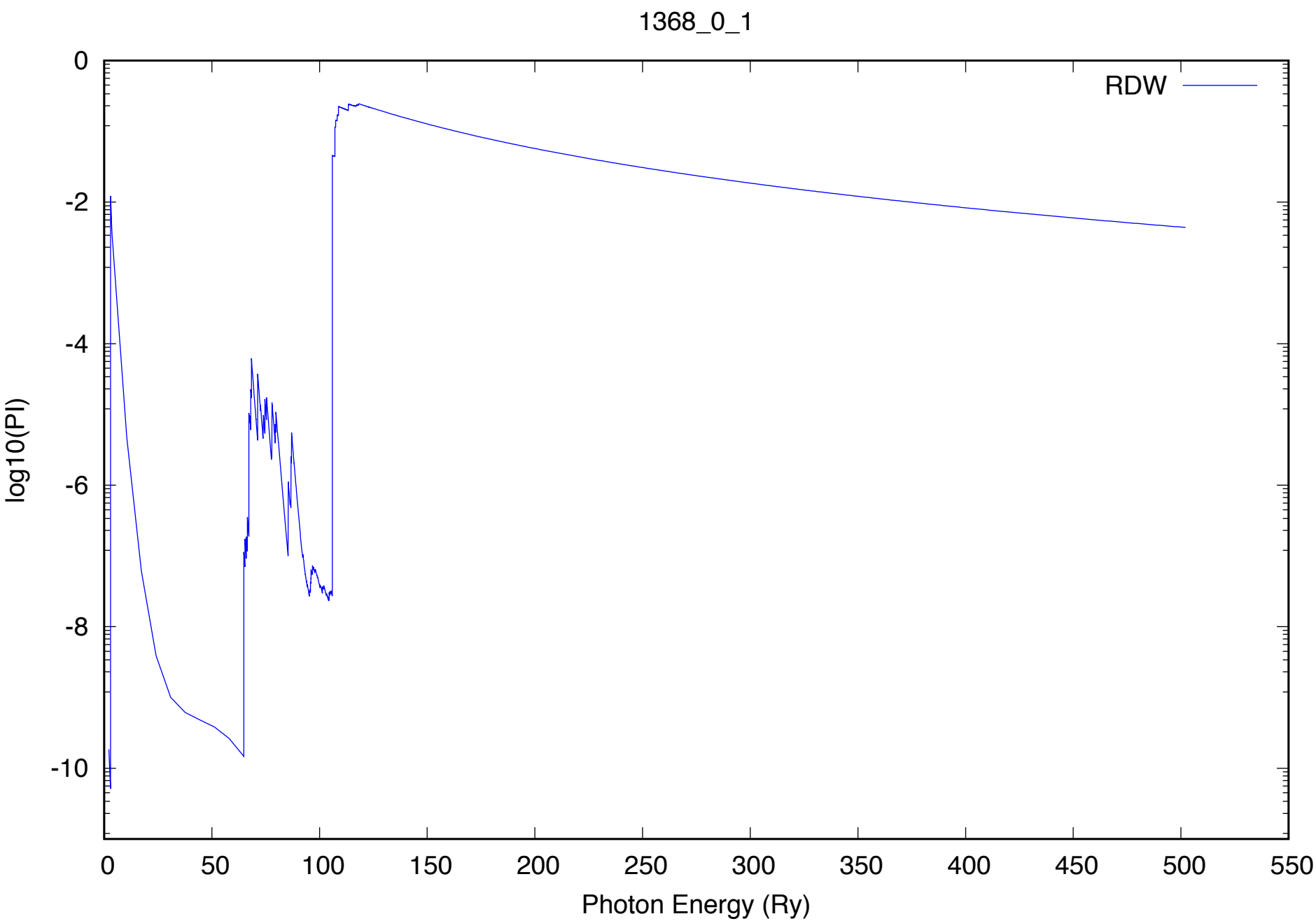

1363_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

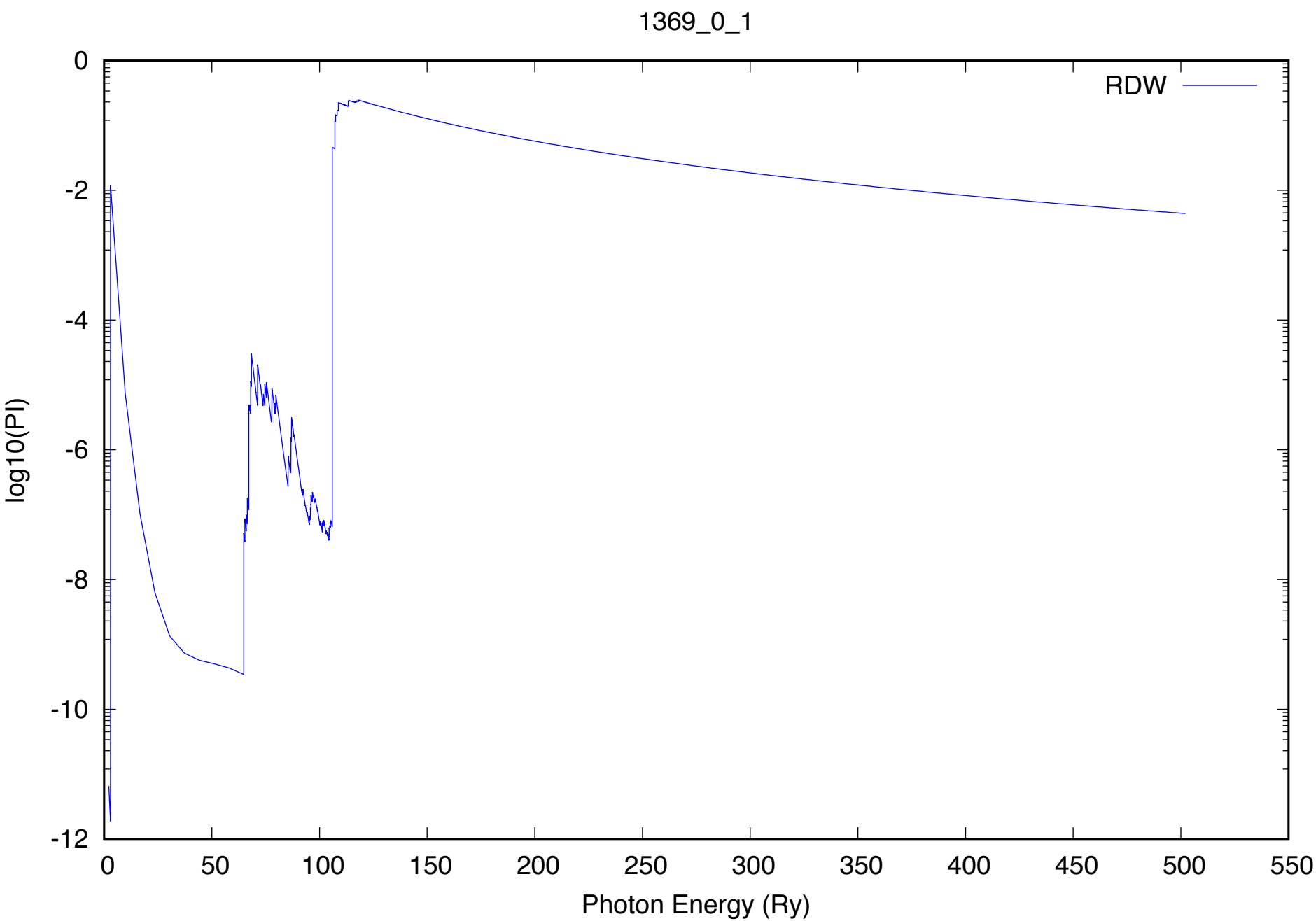

1364_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

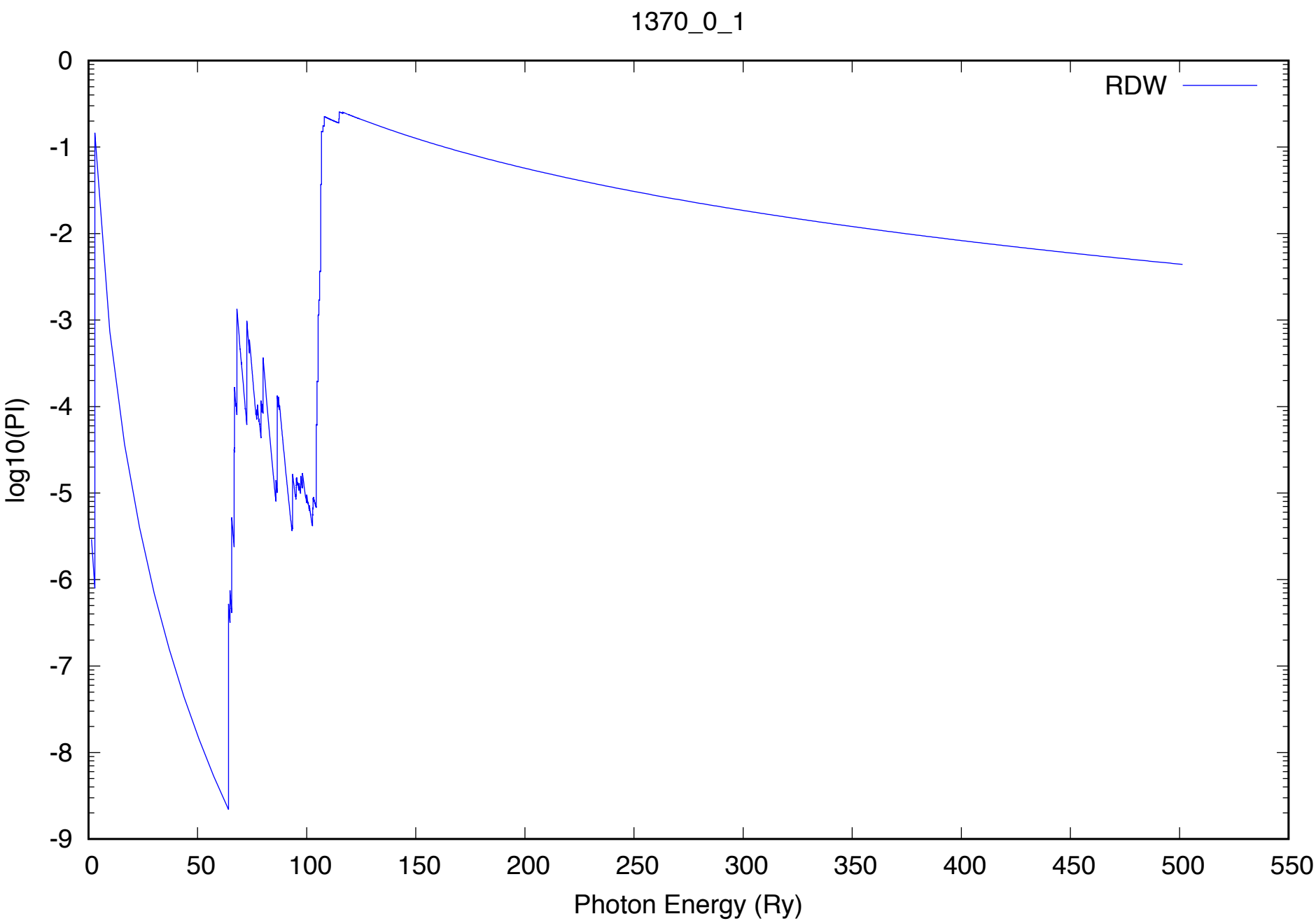

1365_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

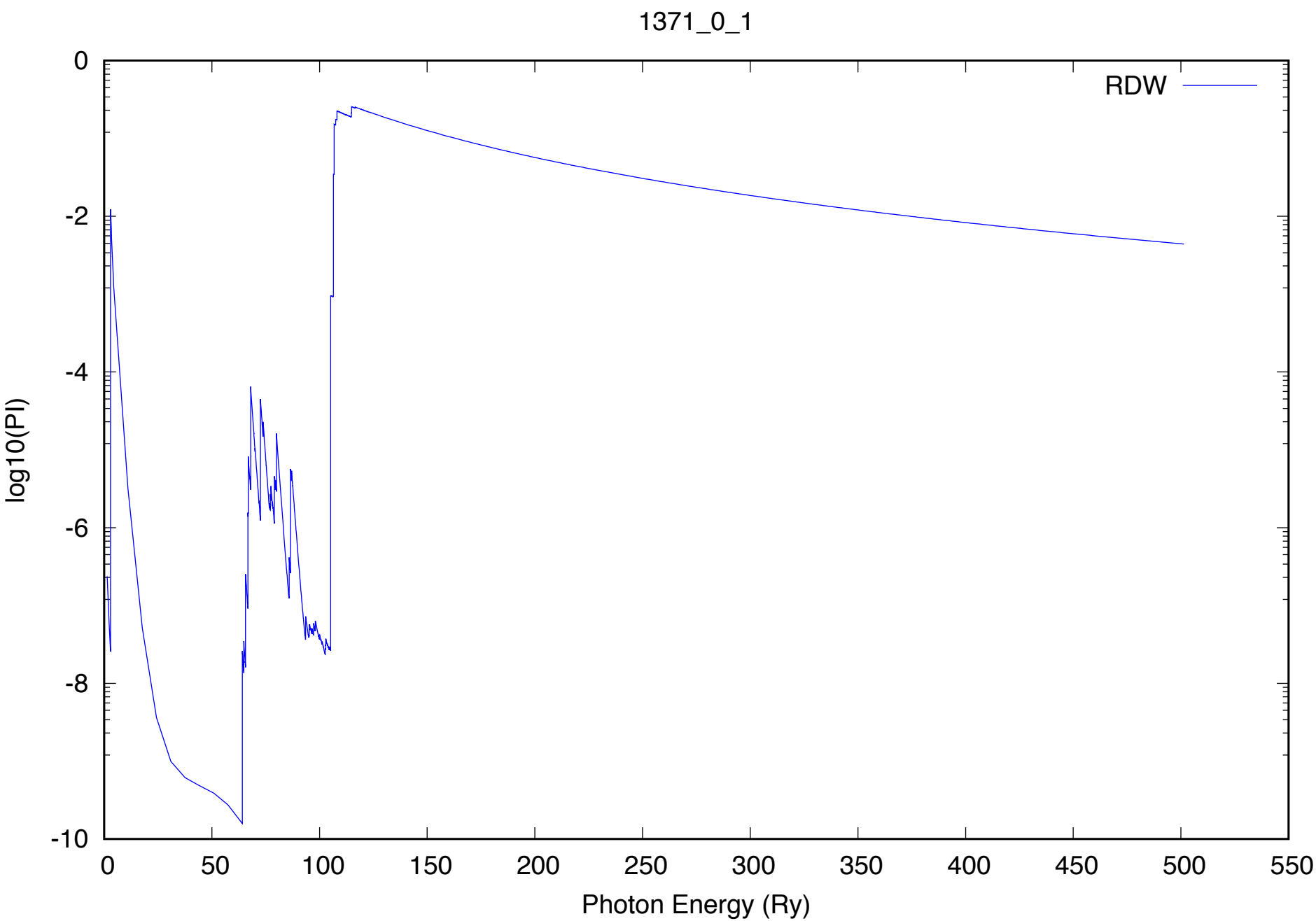

1366_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

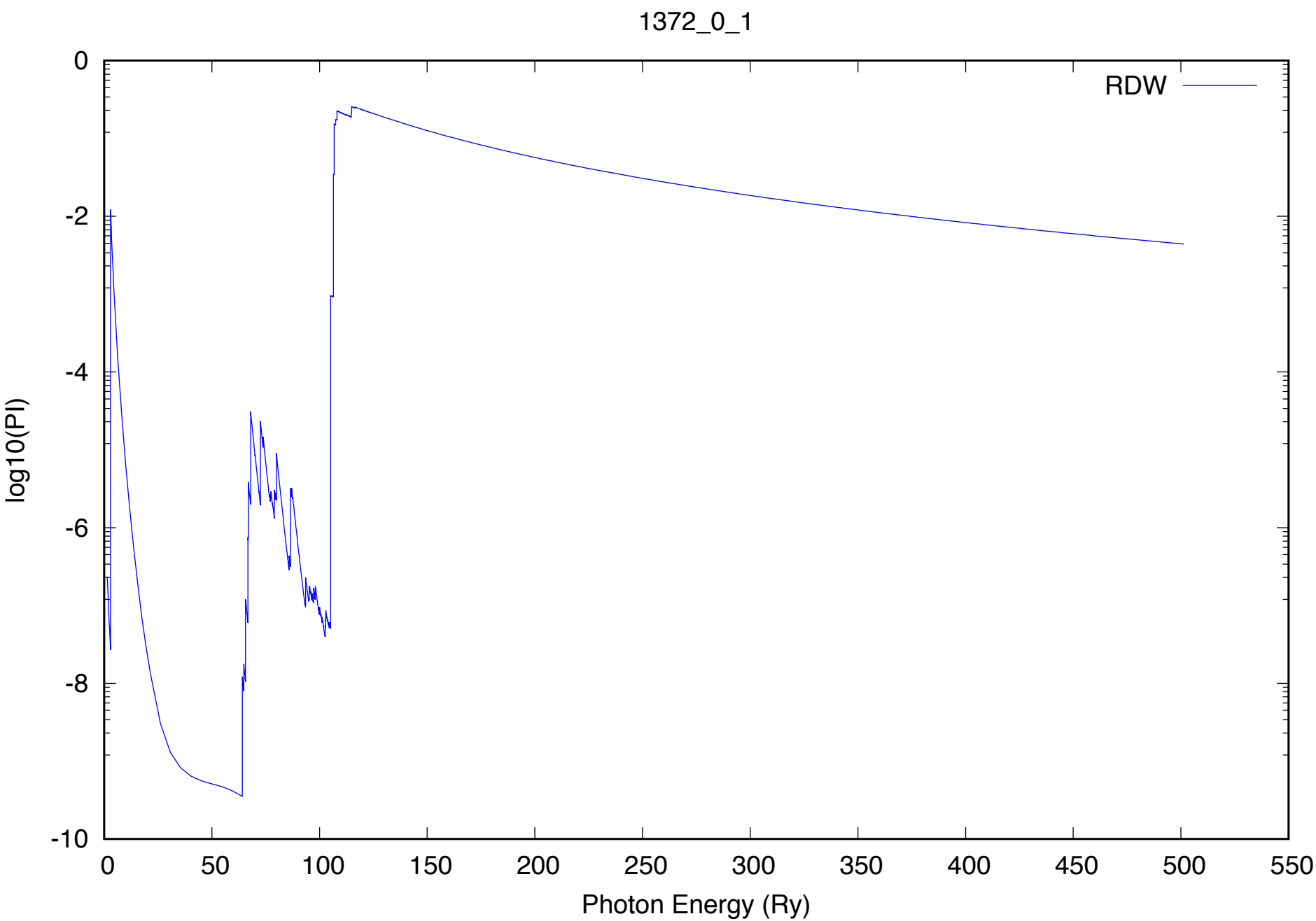

1367_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1368_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1369_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1370_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1371_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1372_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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100
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200
250
300
350
400
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500
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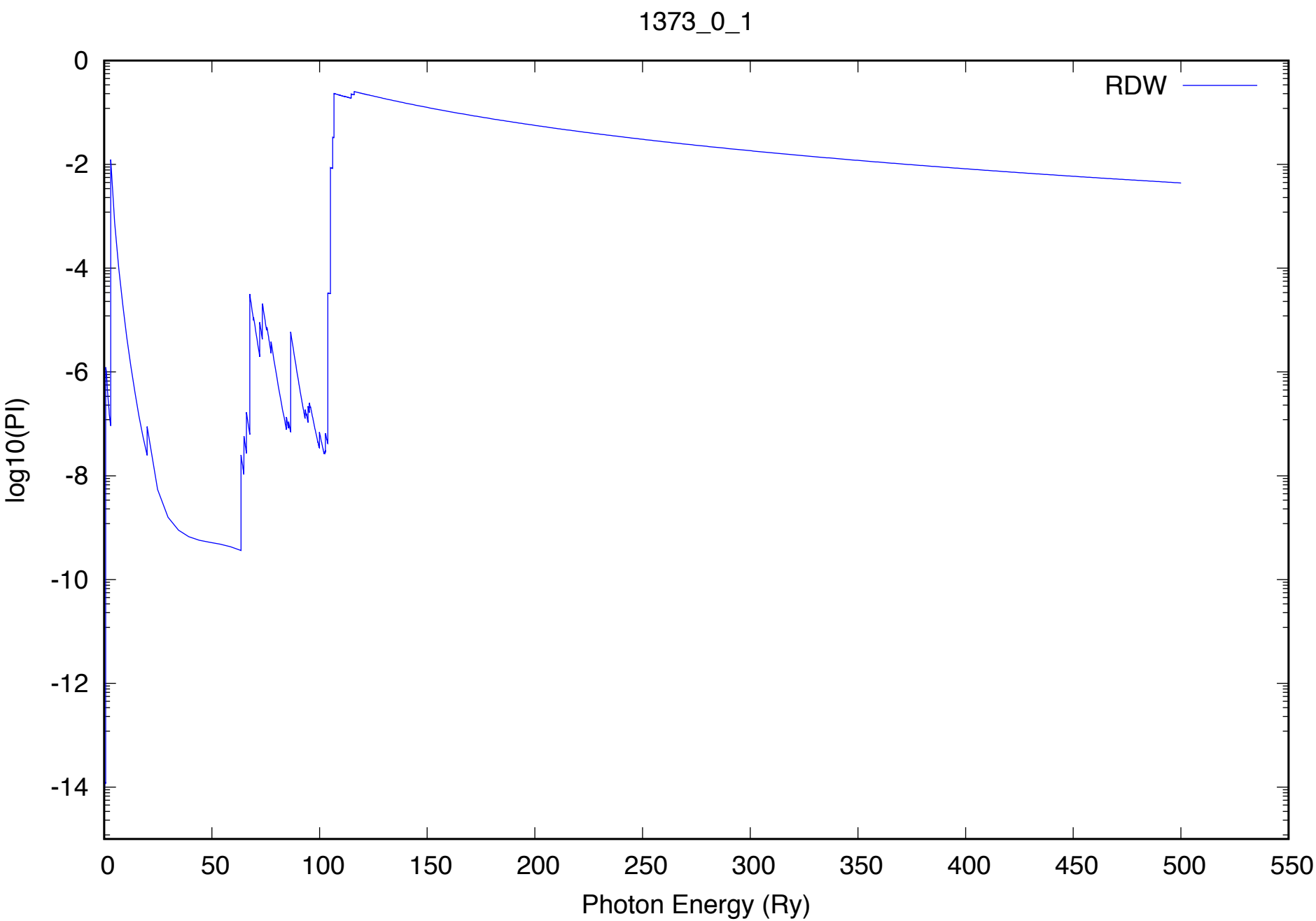
1373_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
-14
0
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100
150
200
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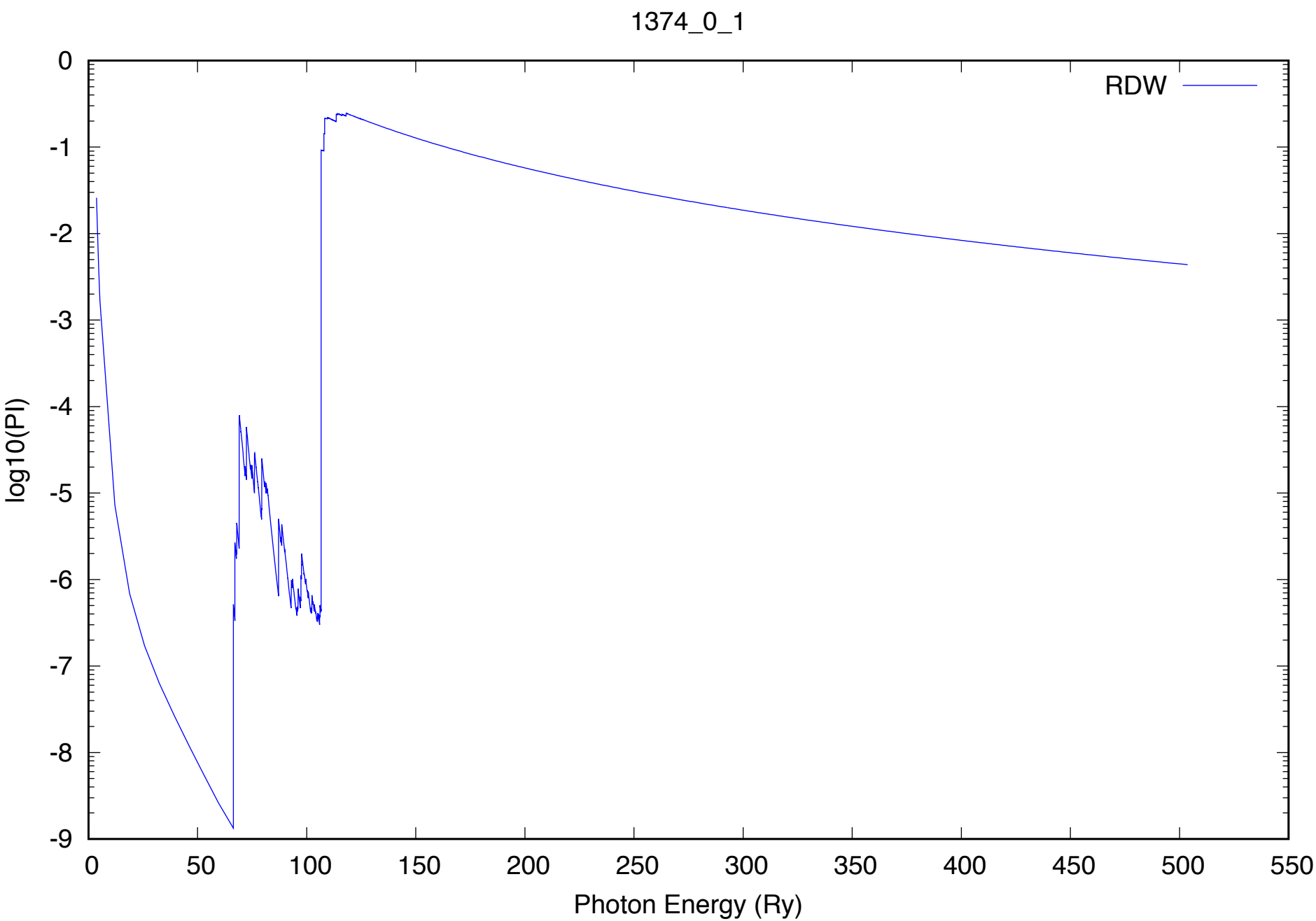
500
550


1374_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
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-7
-8
-9
0
50
100
150
200
250
300
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400
450
500
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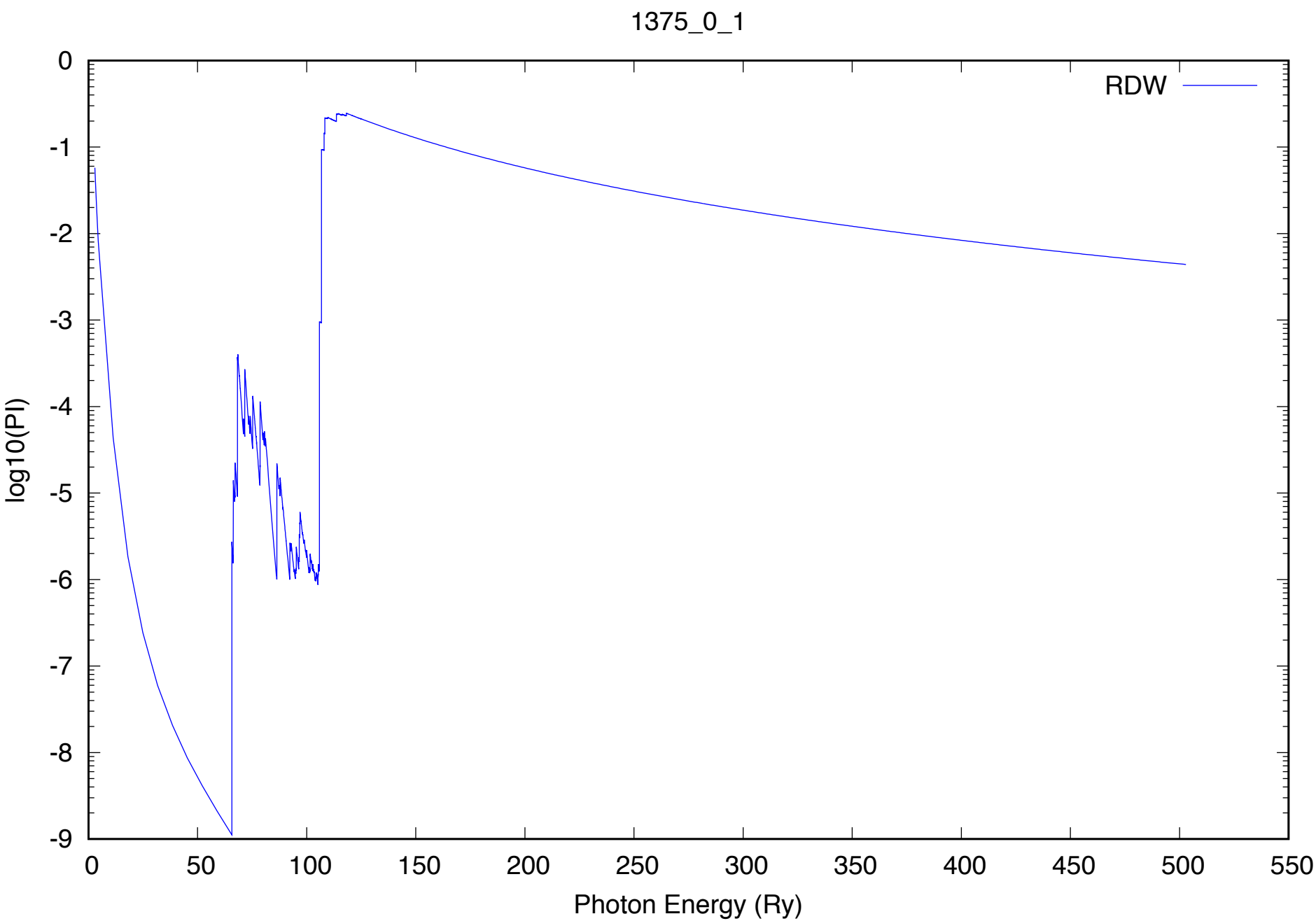
1375_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
-8
-9
0
50
100
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200
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300
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400
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500
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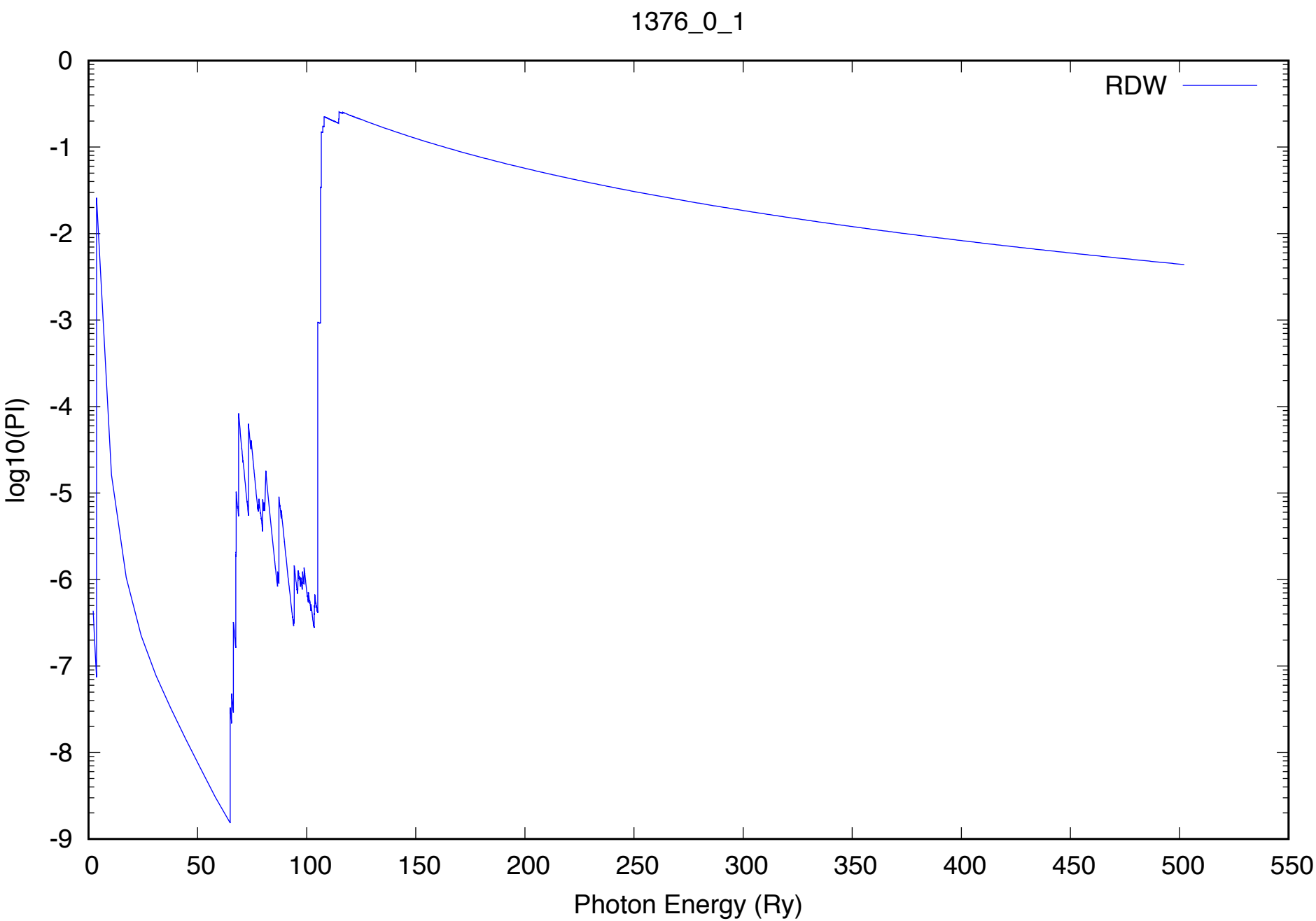
1376_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
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-7
-8
-9
0
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100
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200
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500
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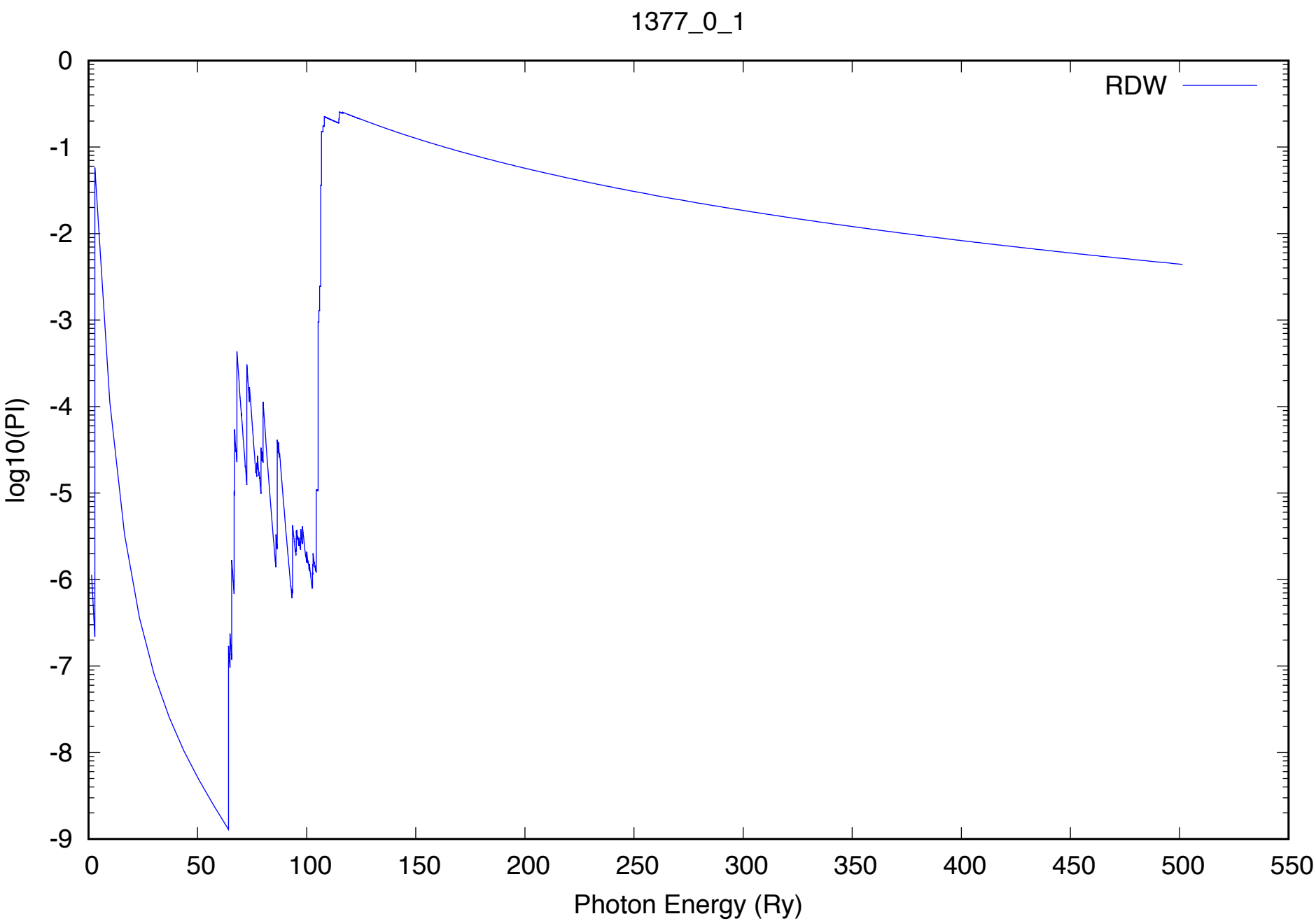
1377_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
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100
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200
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300
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400
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500
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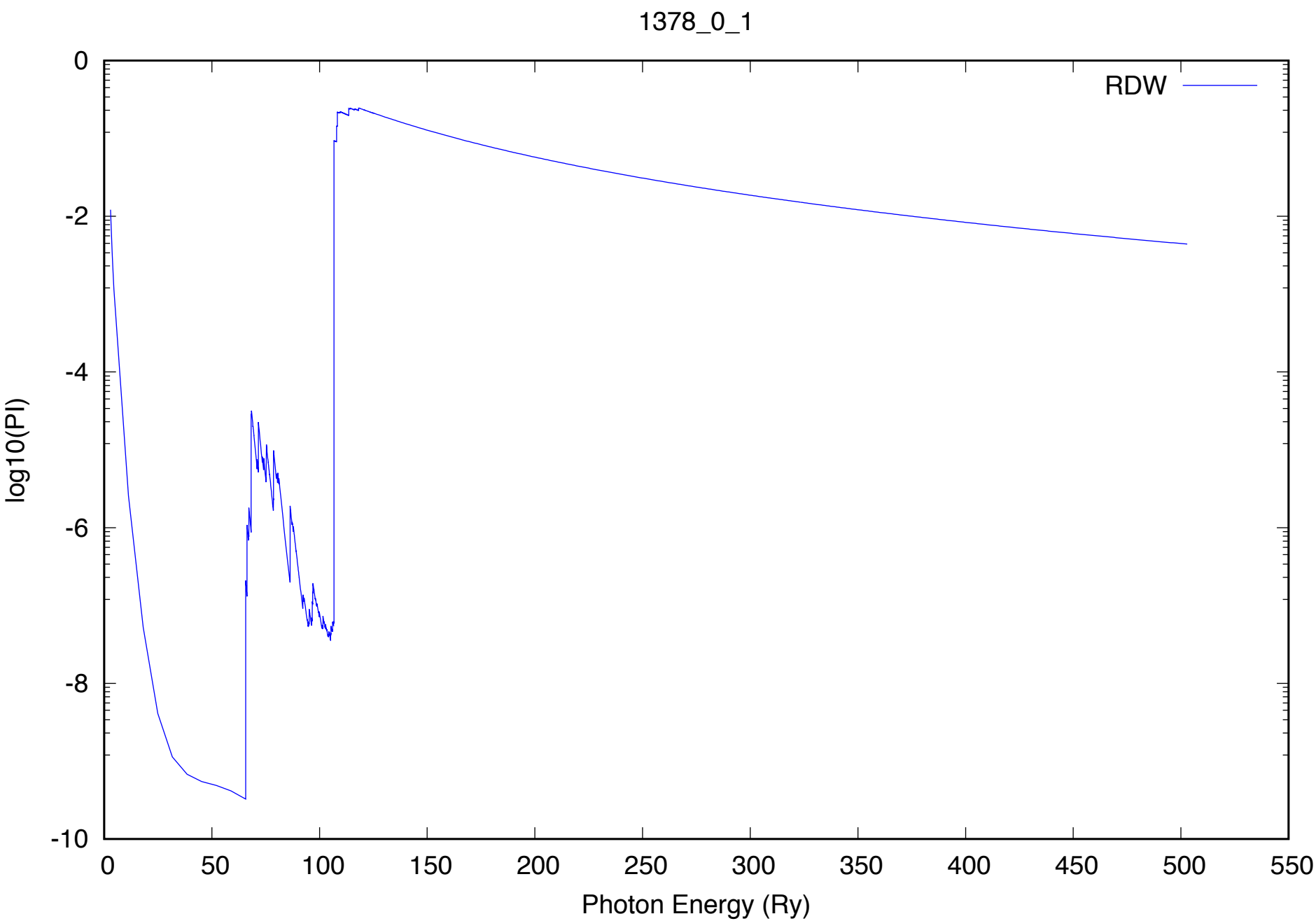
1378_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
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-6
-8
-10
0
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100
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200
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300
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400
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500
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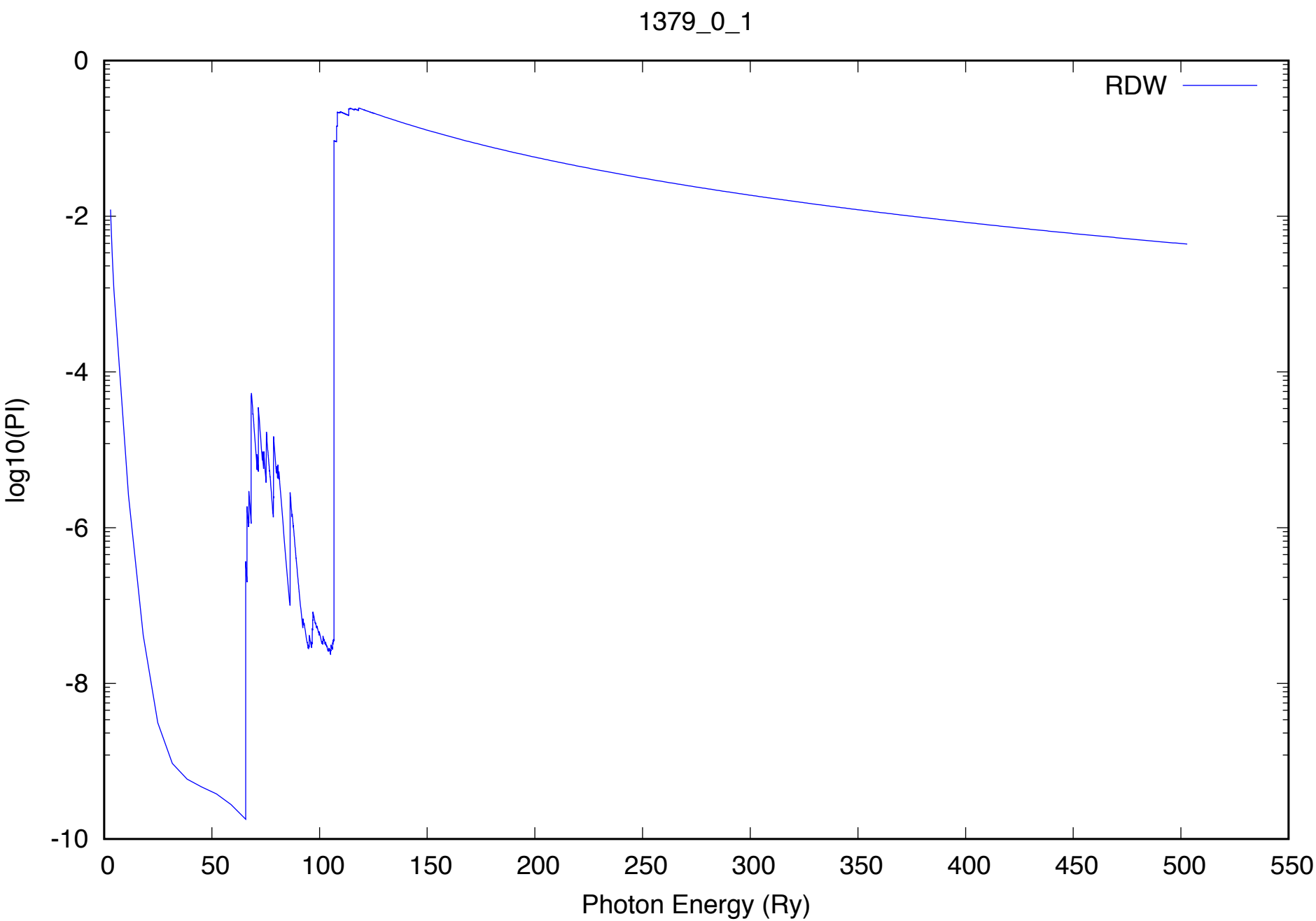
1379_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
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-6
-8
-10
0
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100
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200
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300
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500
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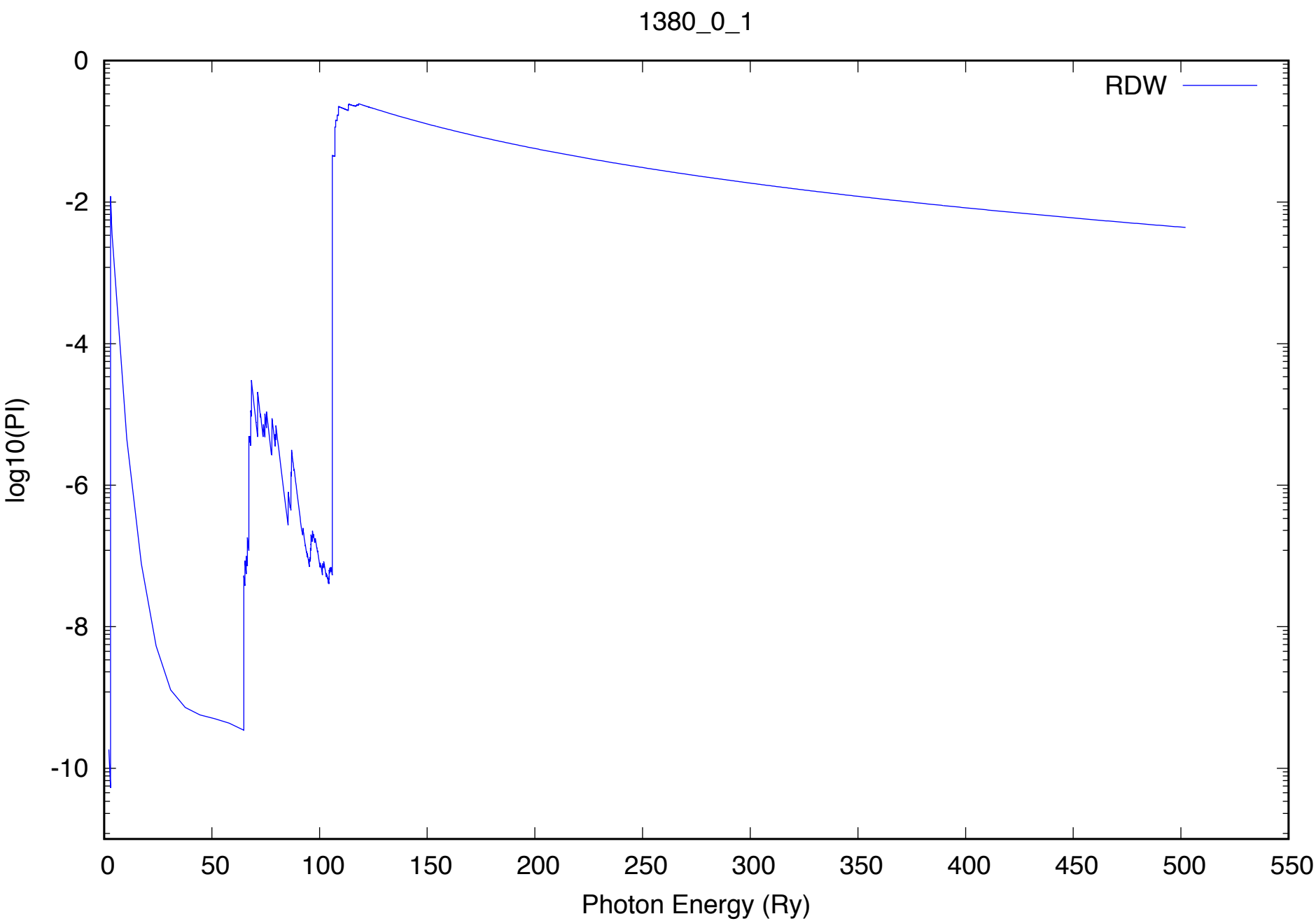
1380_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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100
150
200
250
300
350
400
450
500
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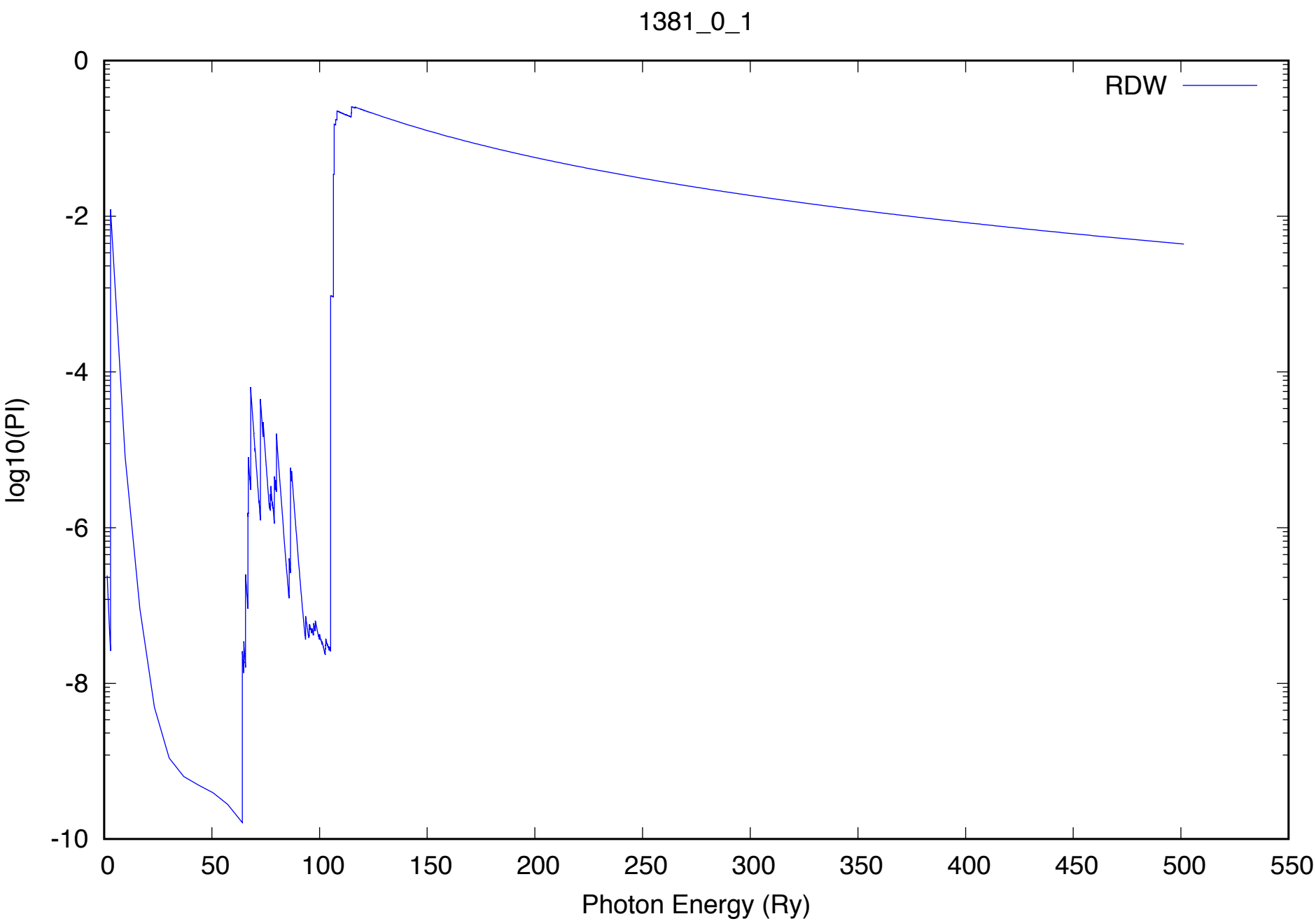
1381_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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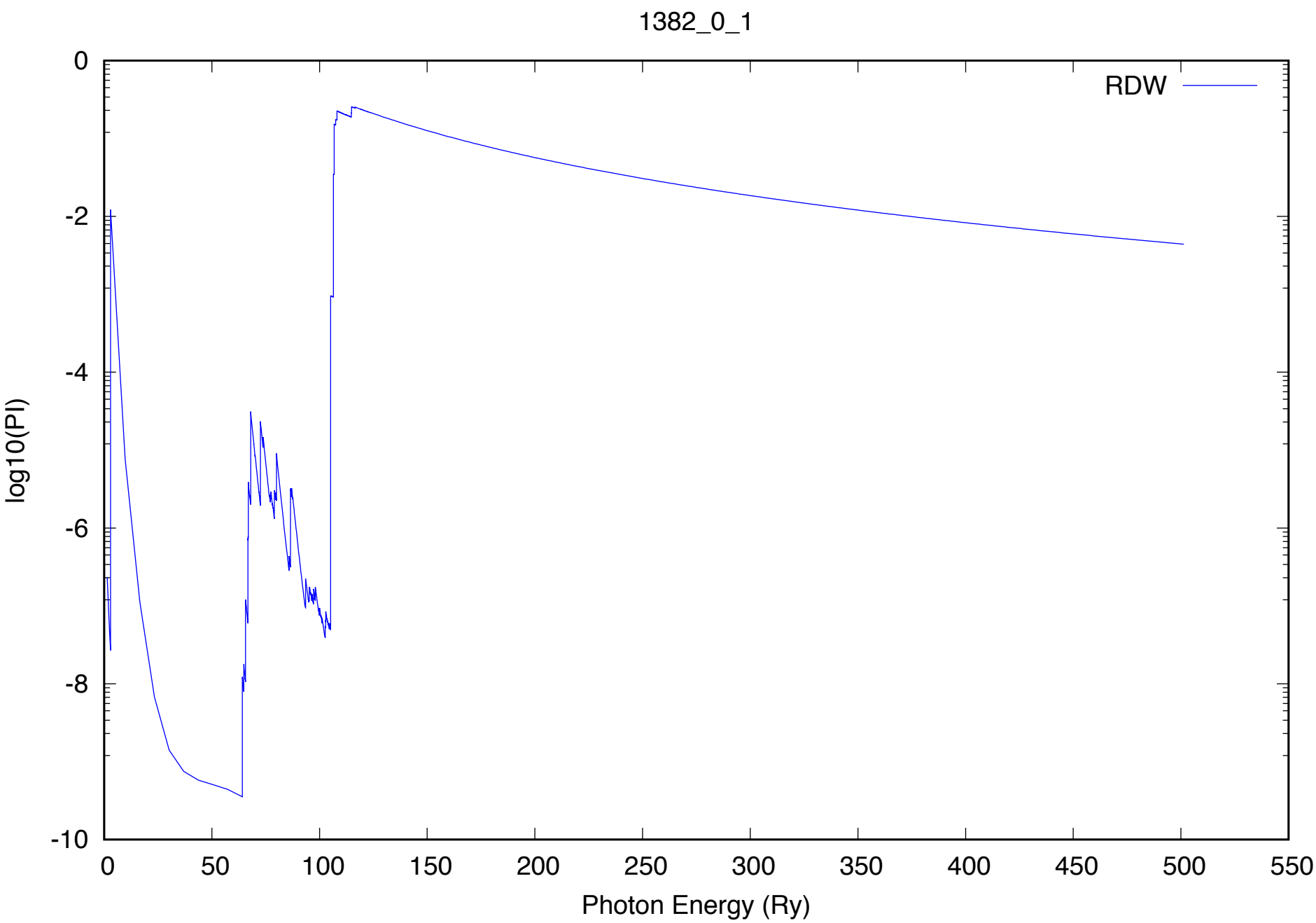
100
150
200
250
300
350
400
450
500
550


1382_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
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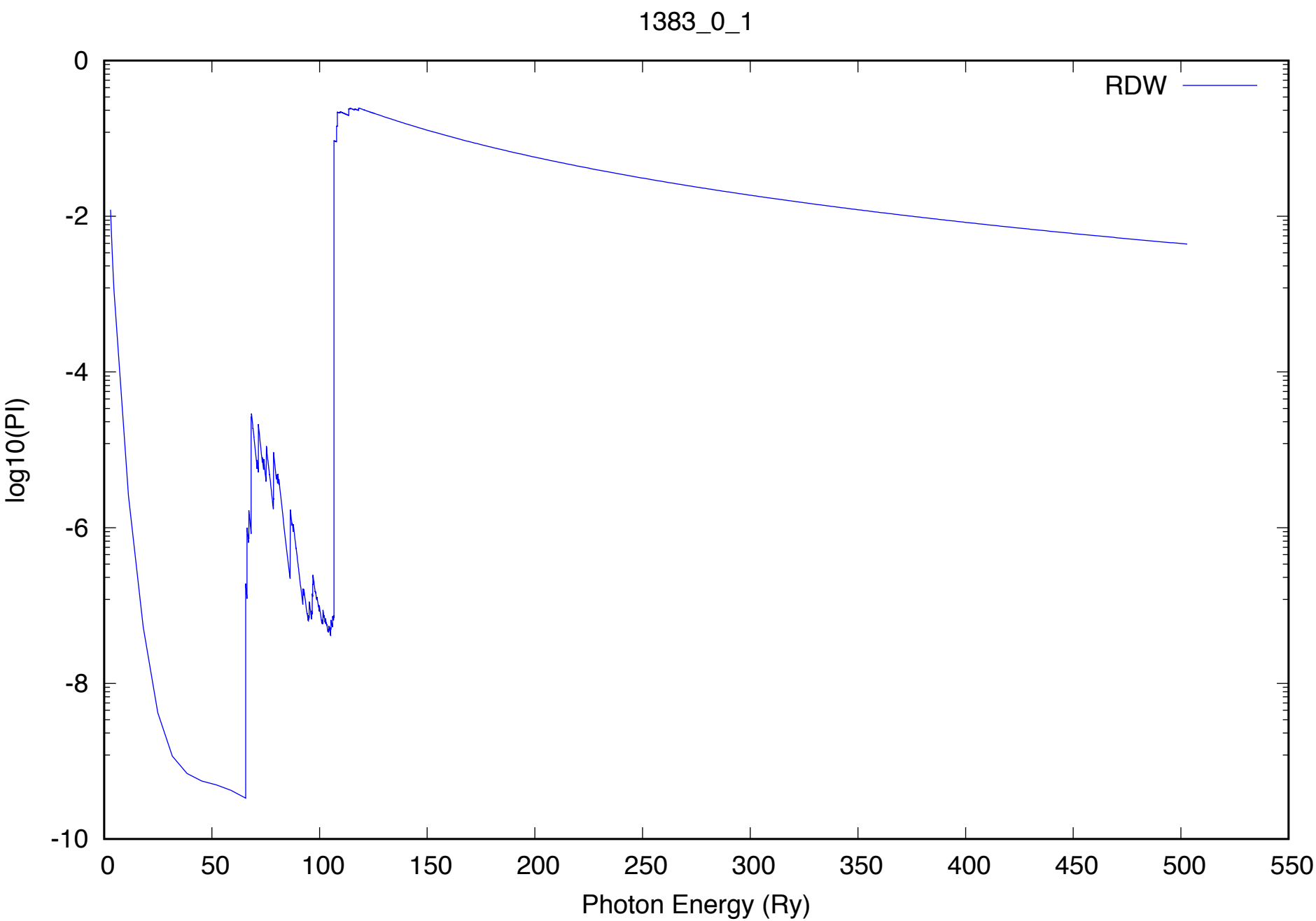
100
150
200
250
300
350
400
450
500
550


1383_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
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-6
-8
-10
0
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100
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200
250
300
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400
450
500
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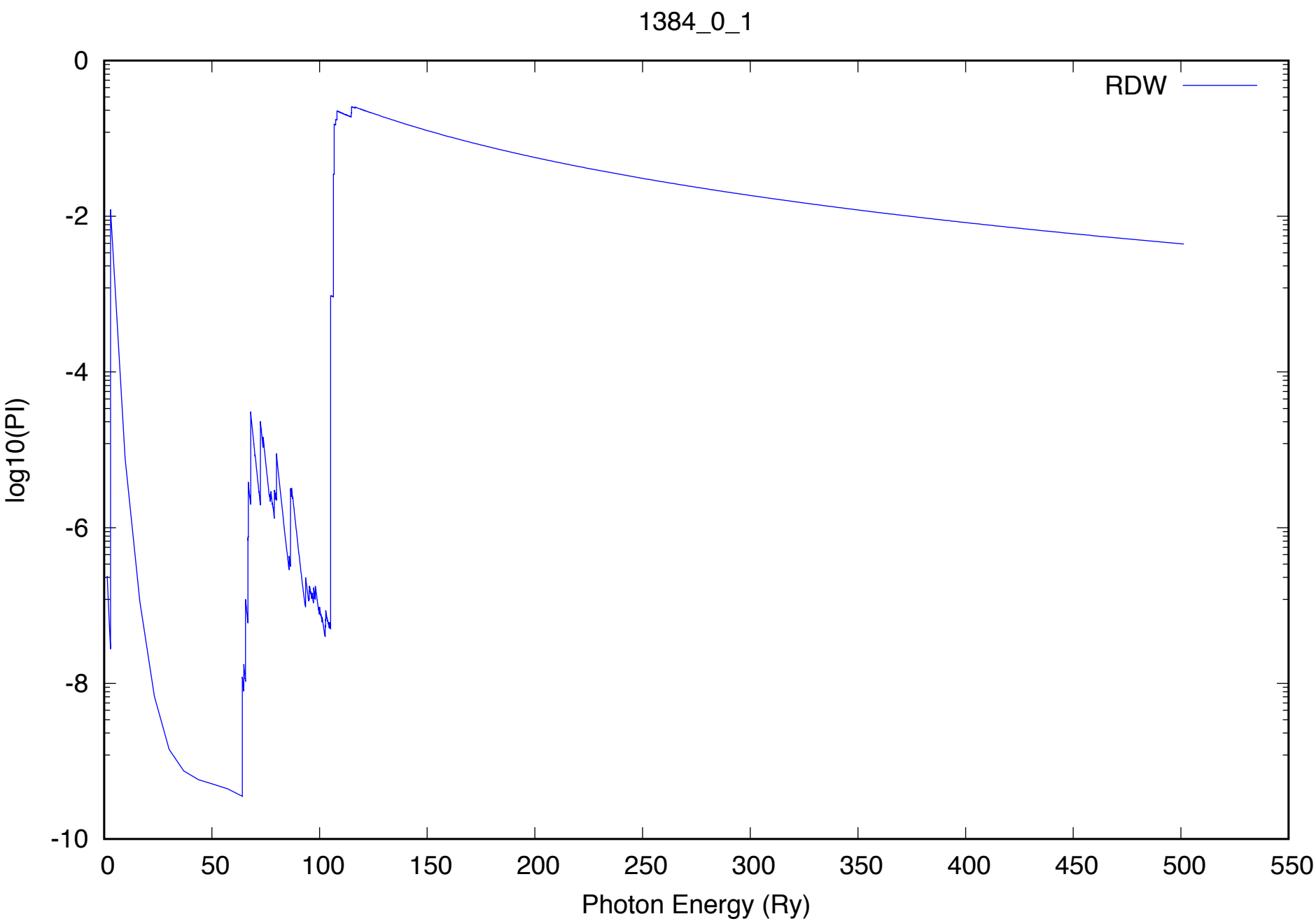
1384_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
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-6
-8
-10
0
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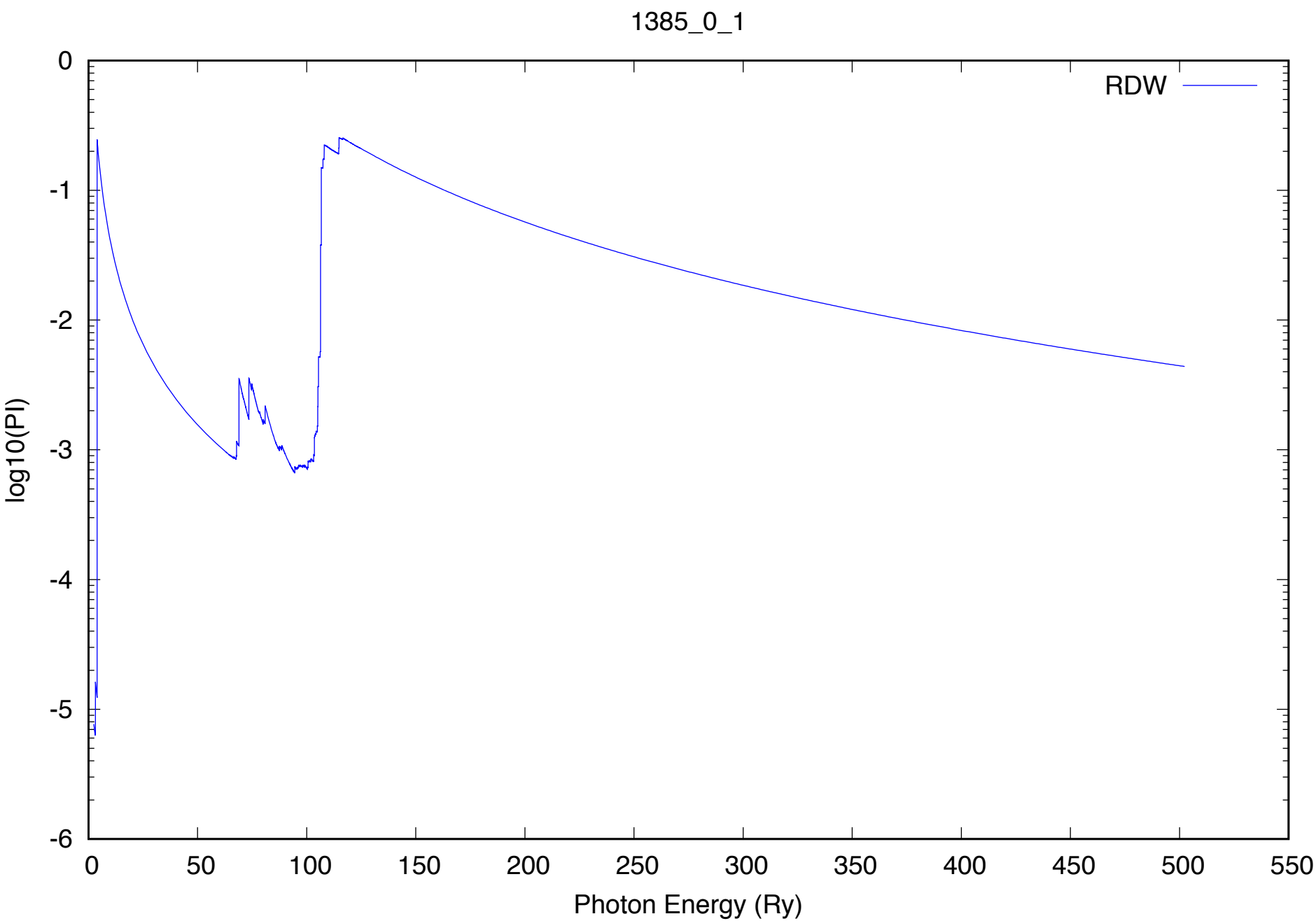
100
150
200
250
300
350
400
450
500
550


1385_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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100
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200
250
300
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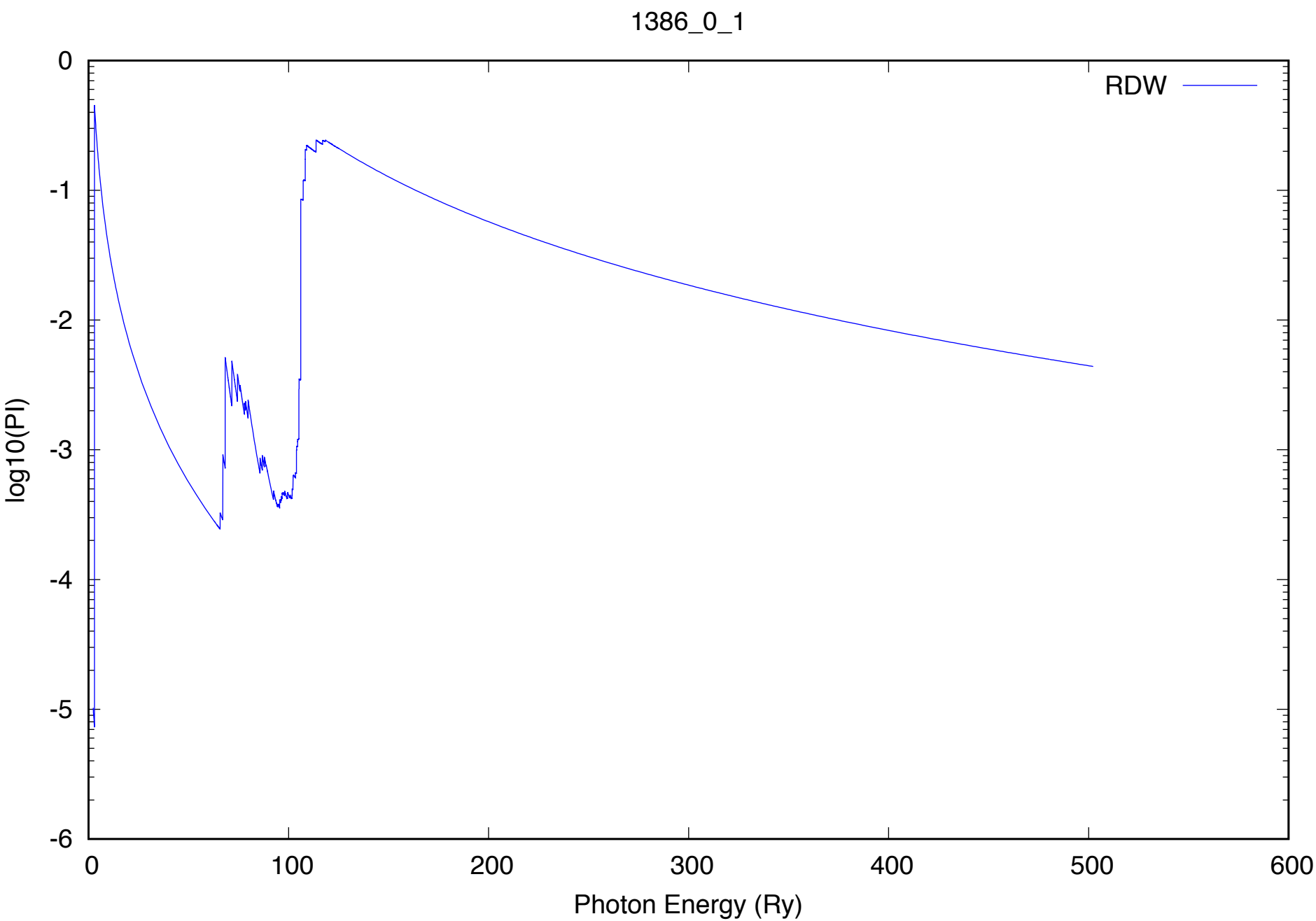
400
450
500
550


1386_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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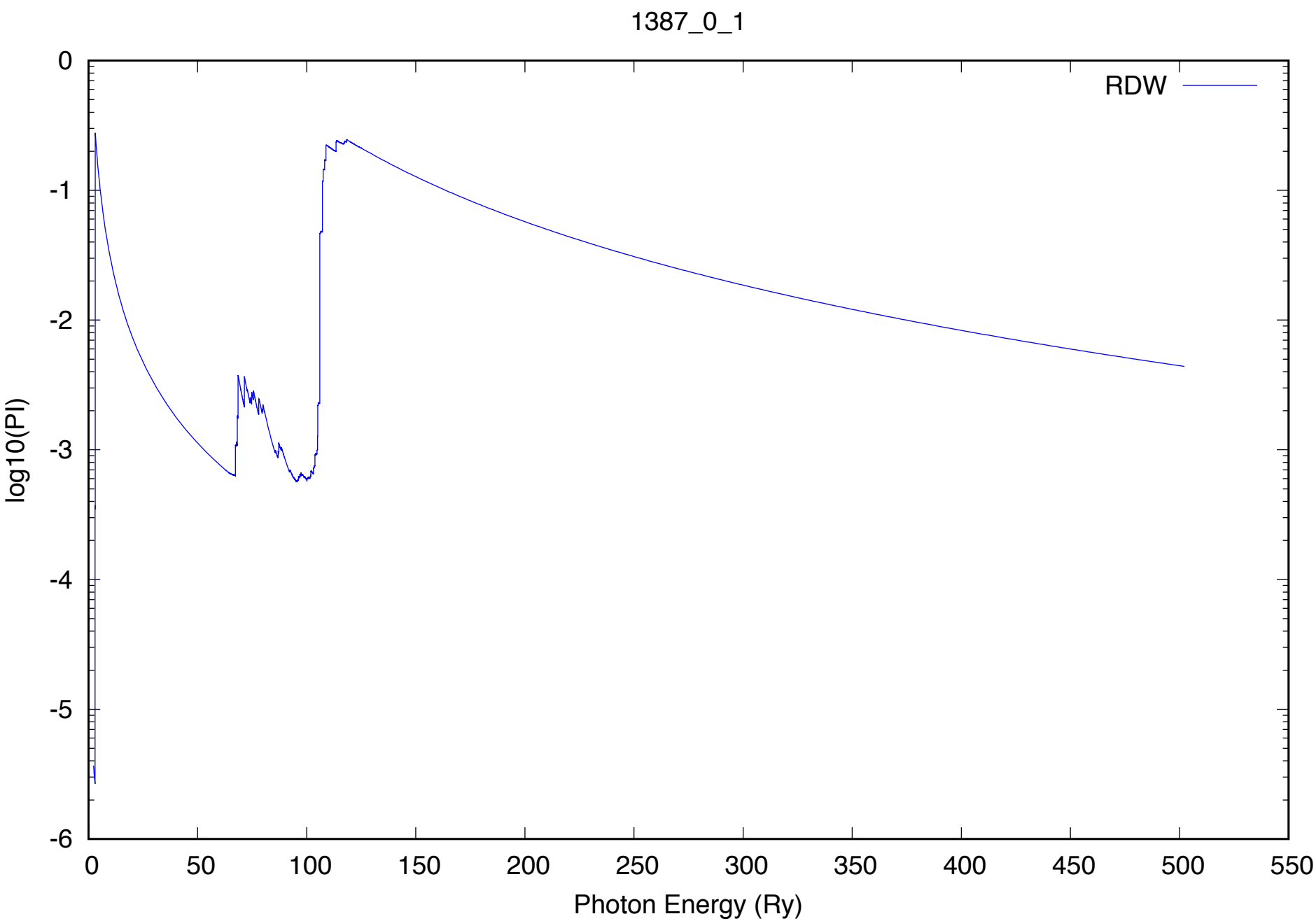
300
400
500
600


1387_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
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-4
-5
-6
0
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100
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200
250
300
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400
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500
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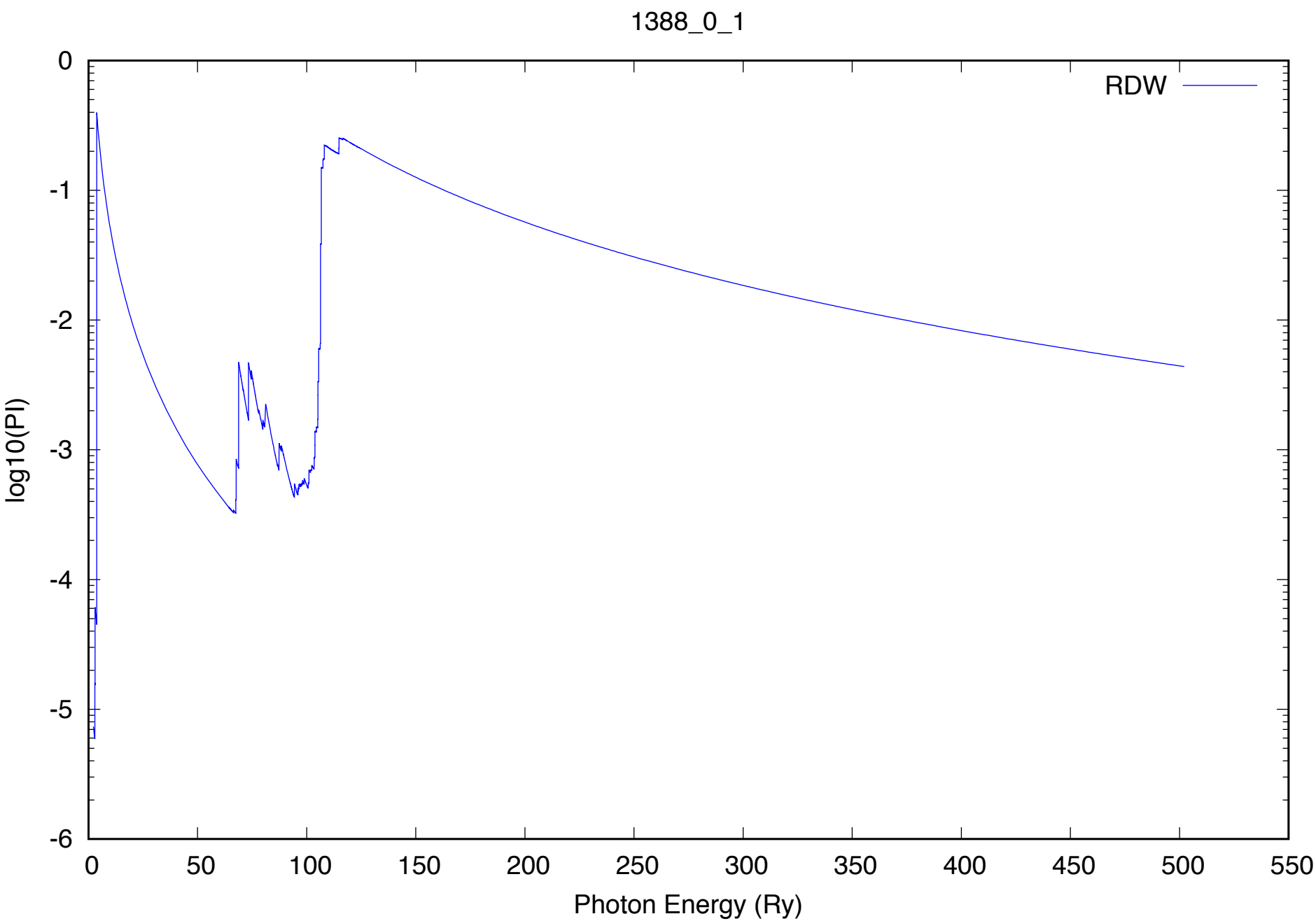
1388_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
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-5
-6
0
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100
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200
250
300
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400
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500
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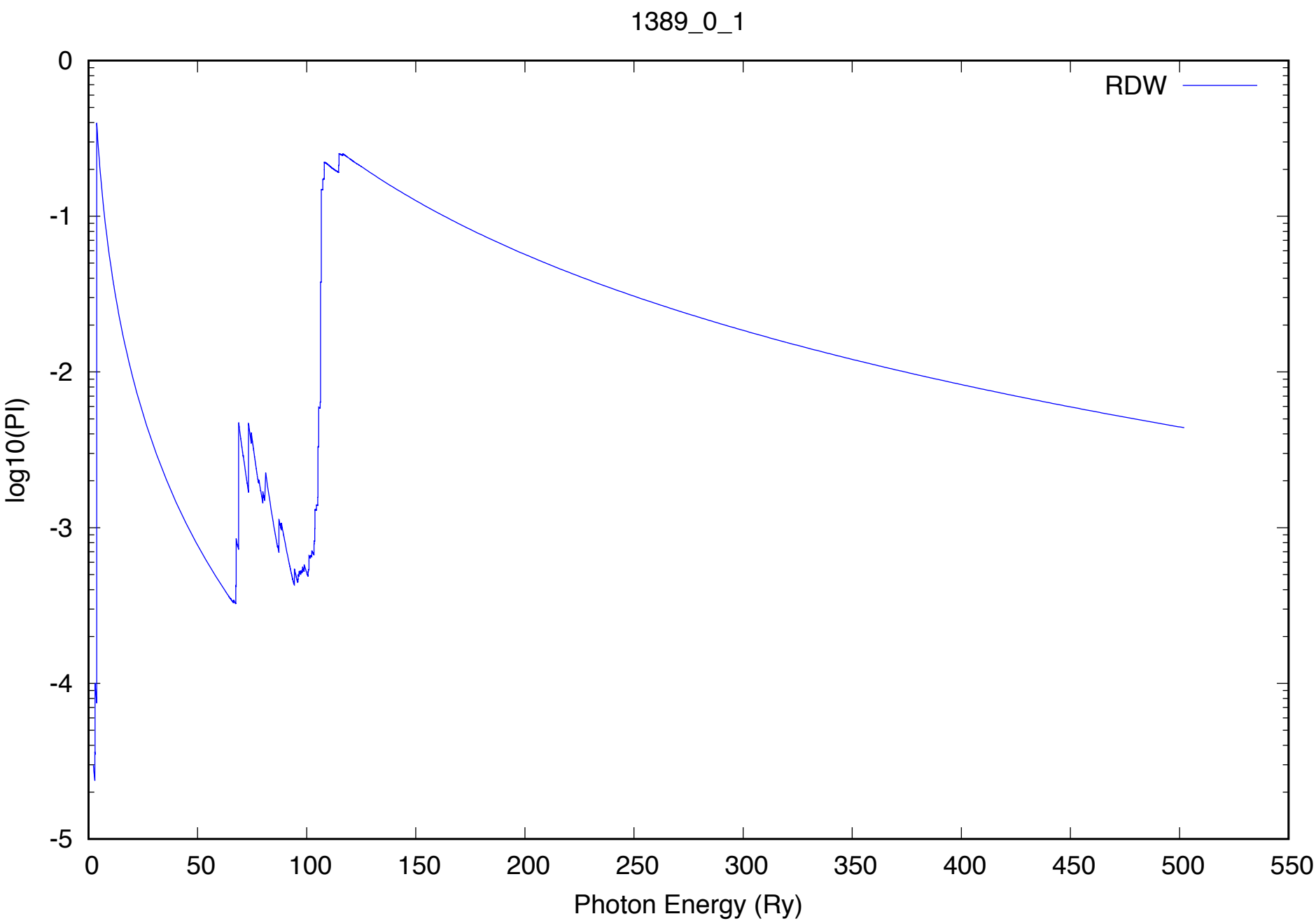
1389_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-3
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-5
0
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200
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300
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400
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500
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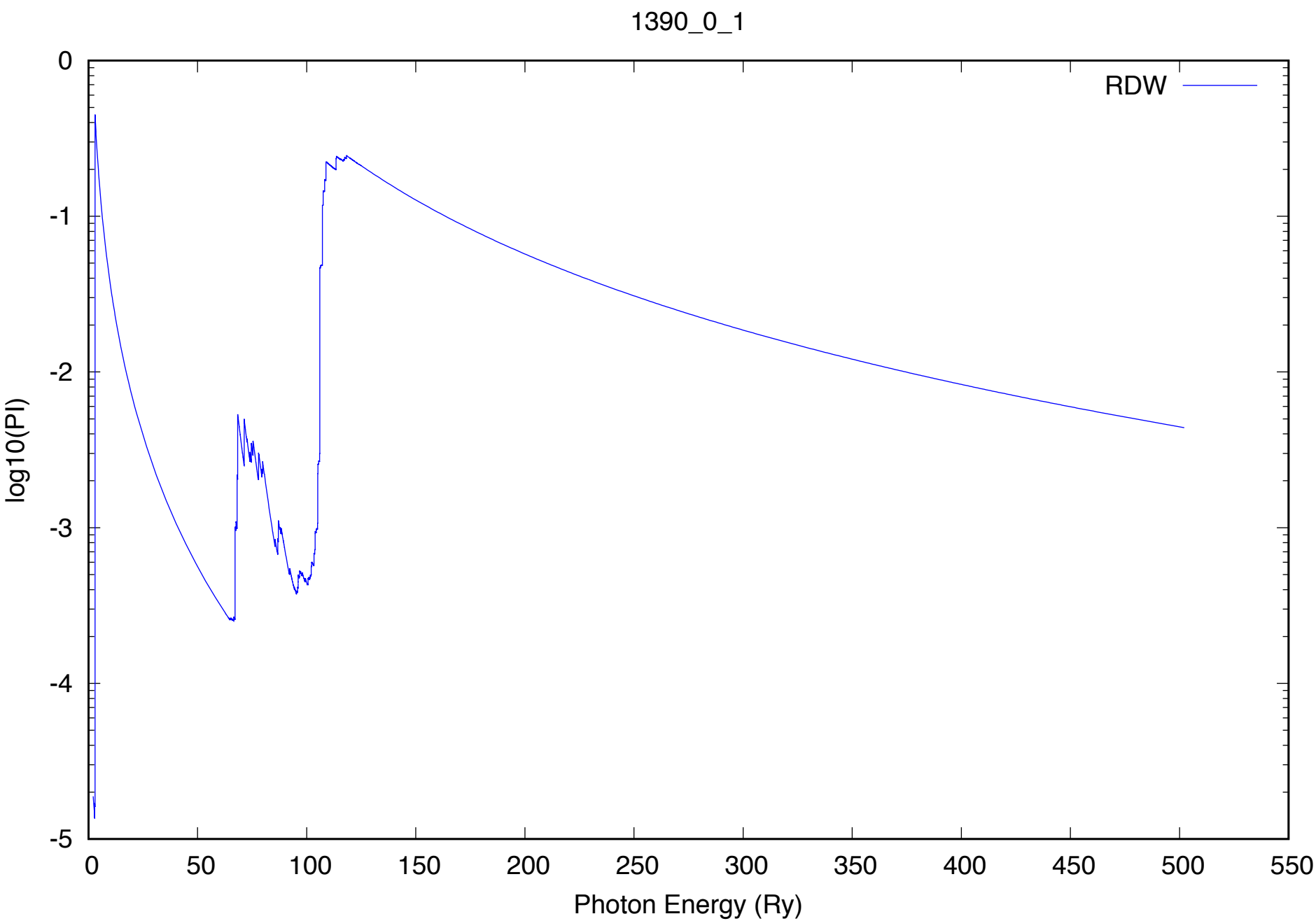
1390_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-3
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0
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300
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400
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500
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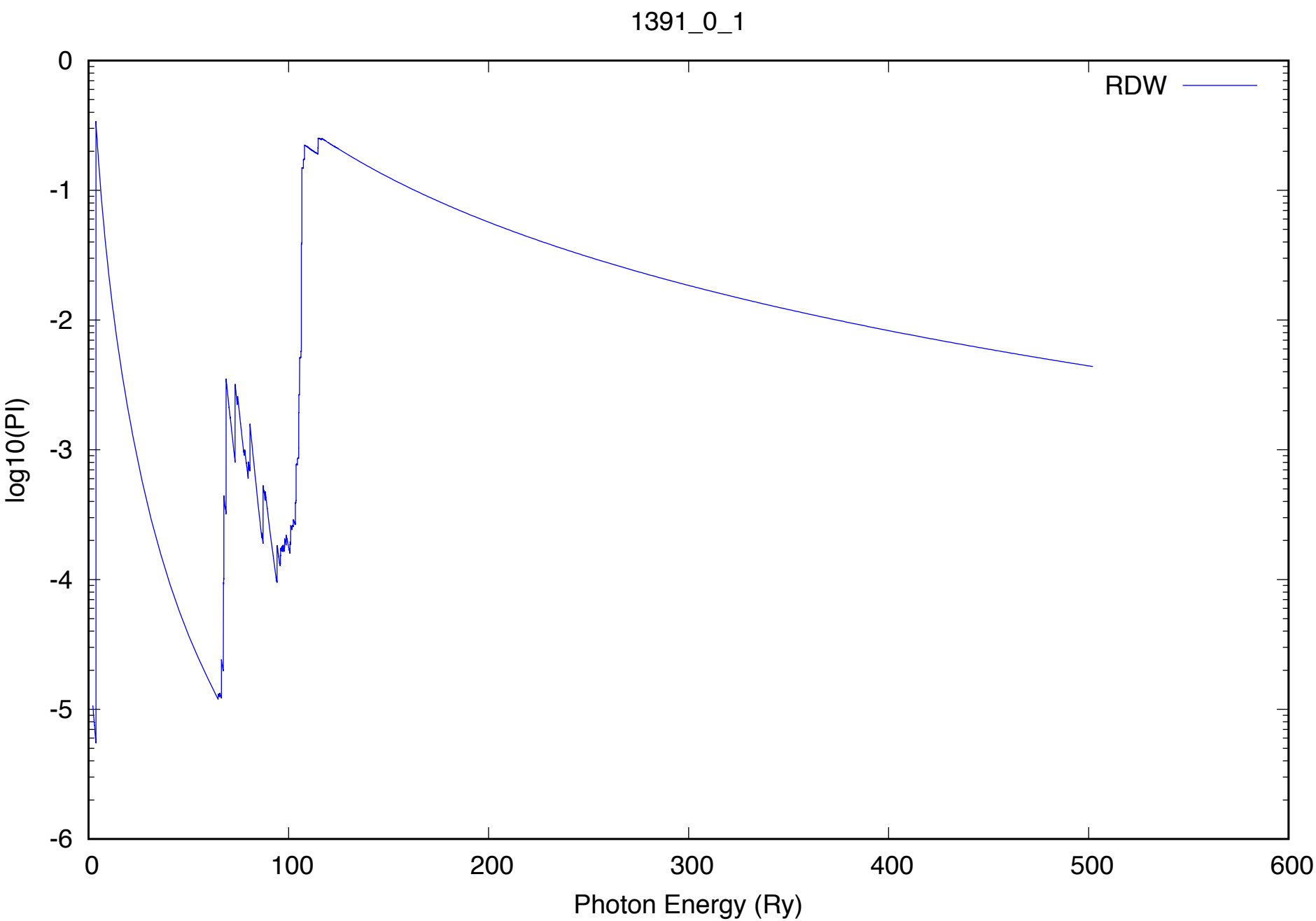
1391_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
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-3
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-6
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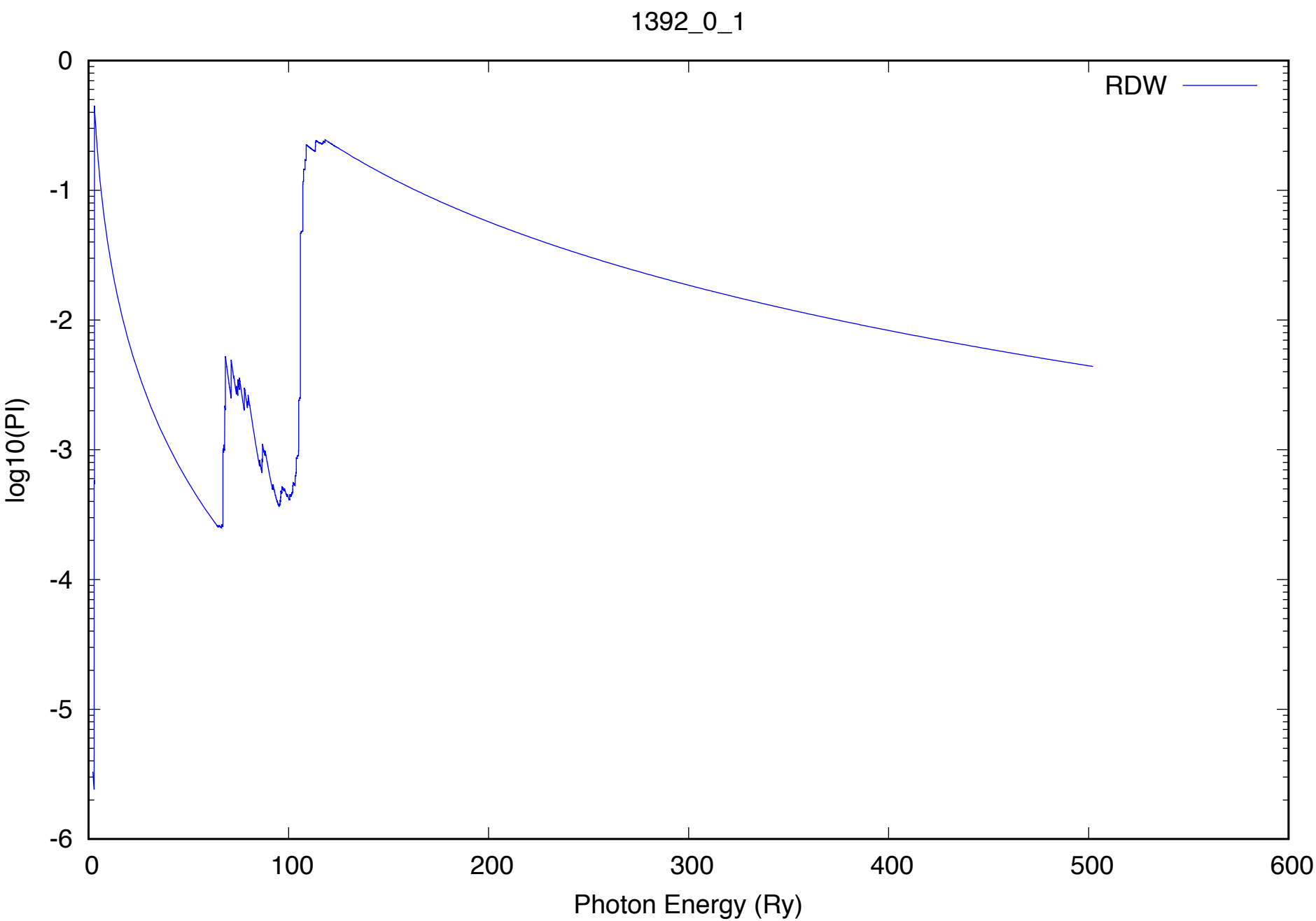
1392_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
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500
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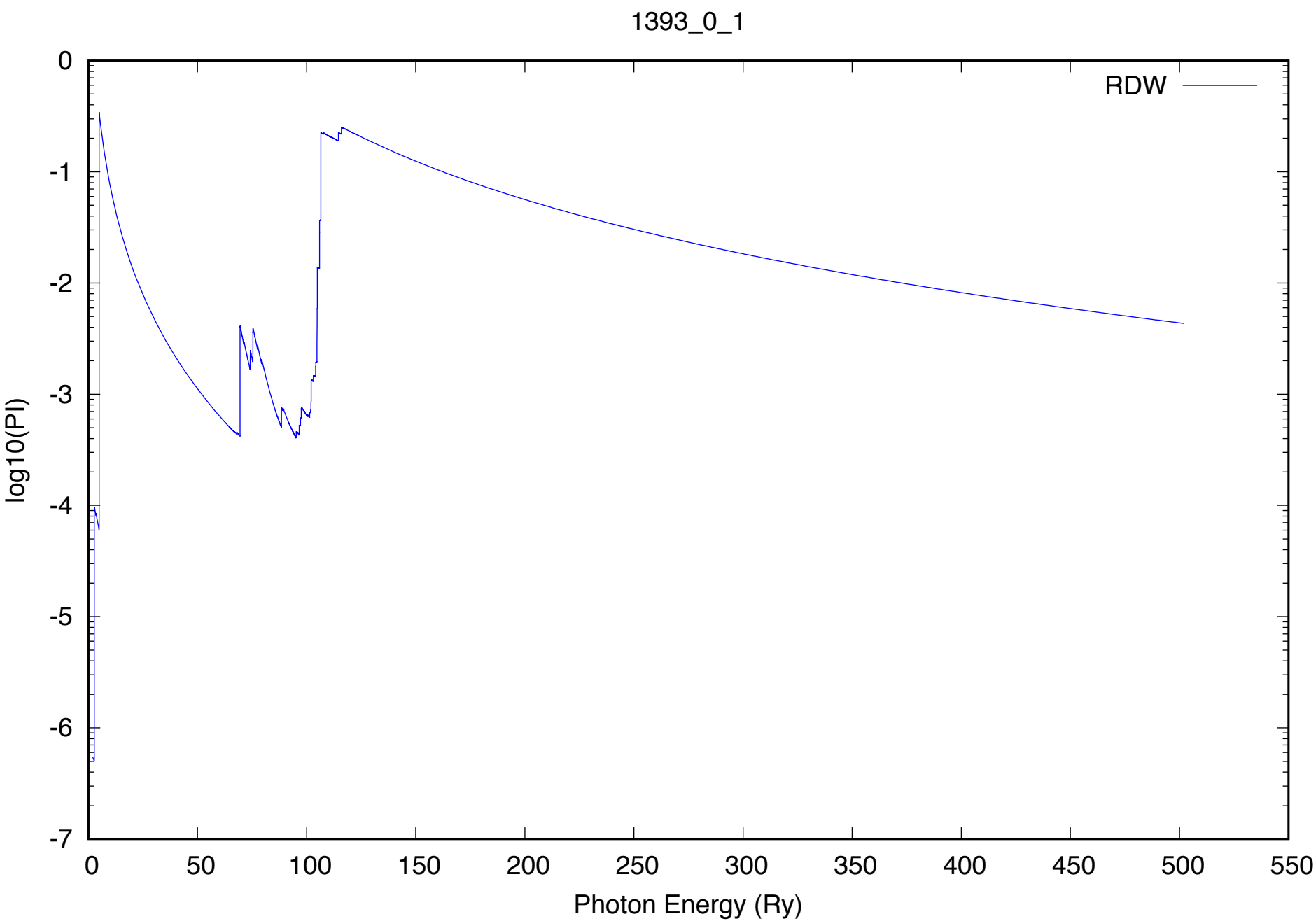
1393_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
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-3
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-5
-6
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200
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500
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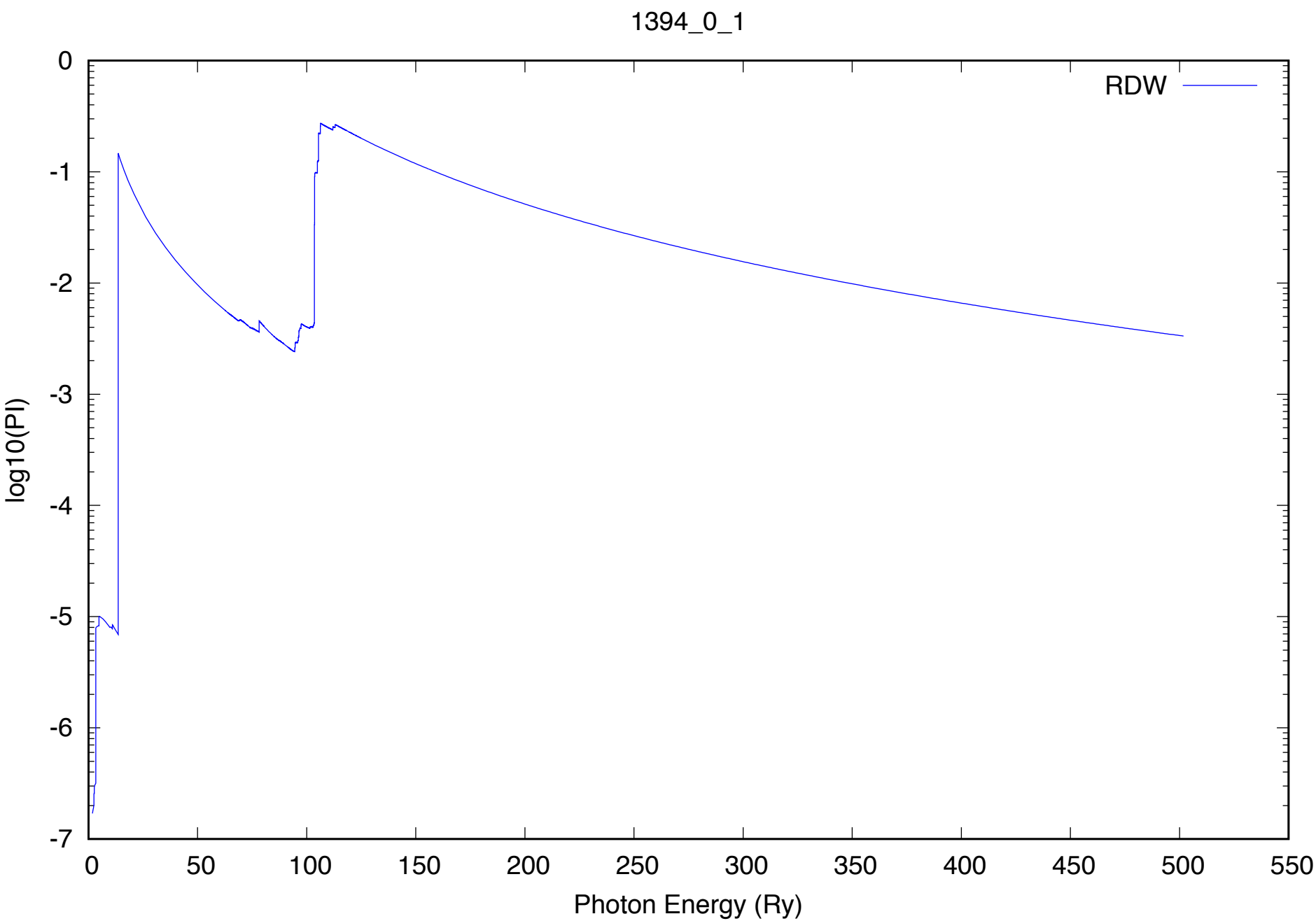
1394_0_1
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log10(PI)
Photon Energy (Ry)
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-1
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-5
-6
-7
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200
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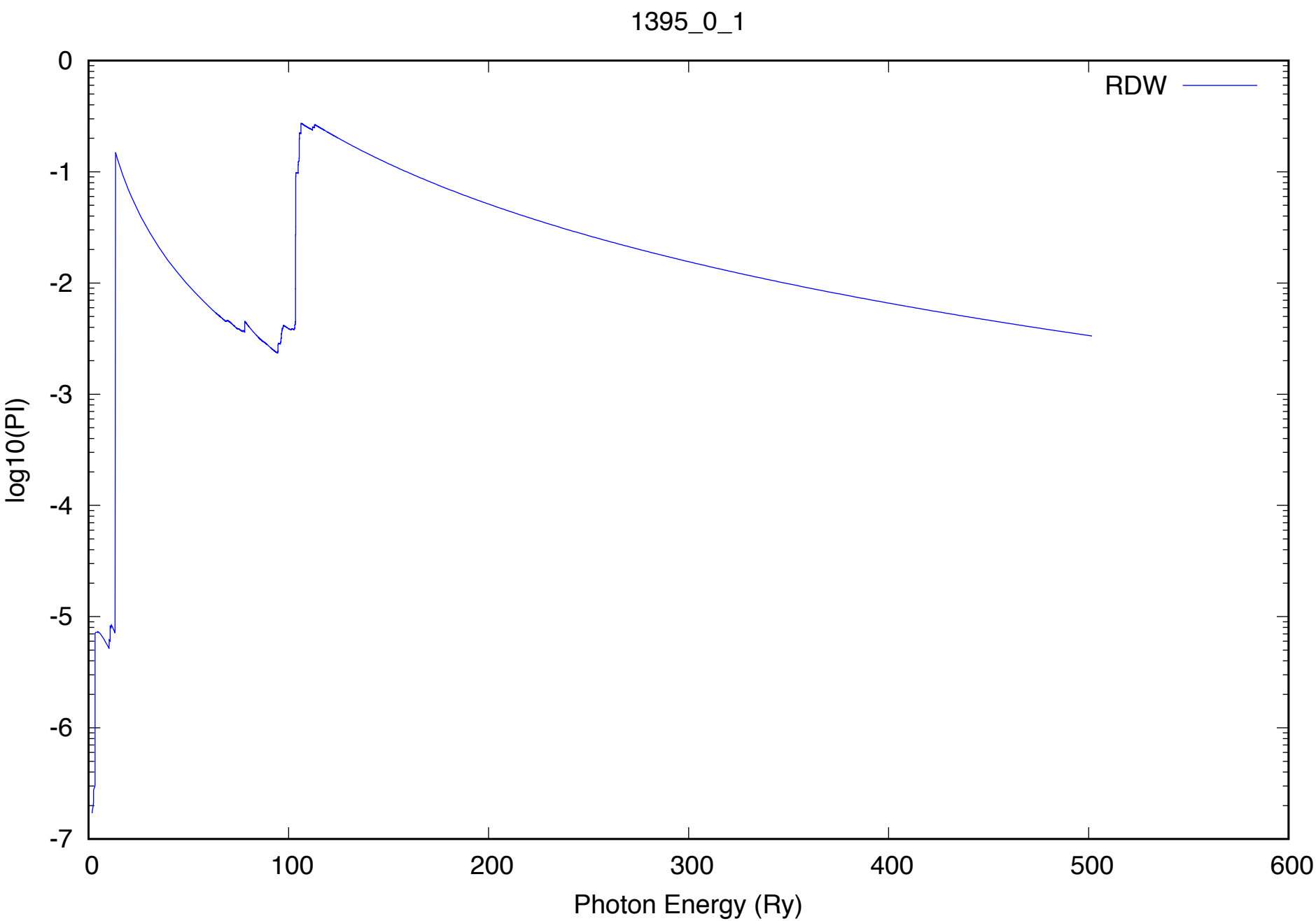
1395_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
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-3
-4
-5
-6
-7
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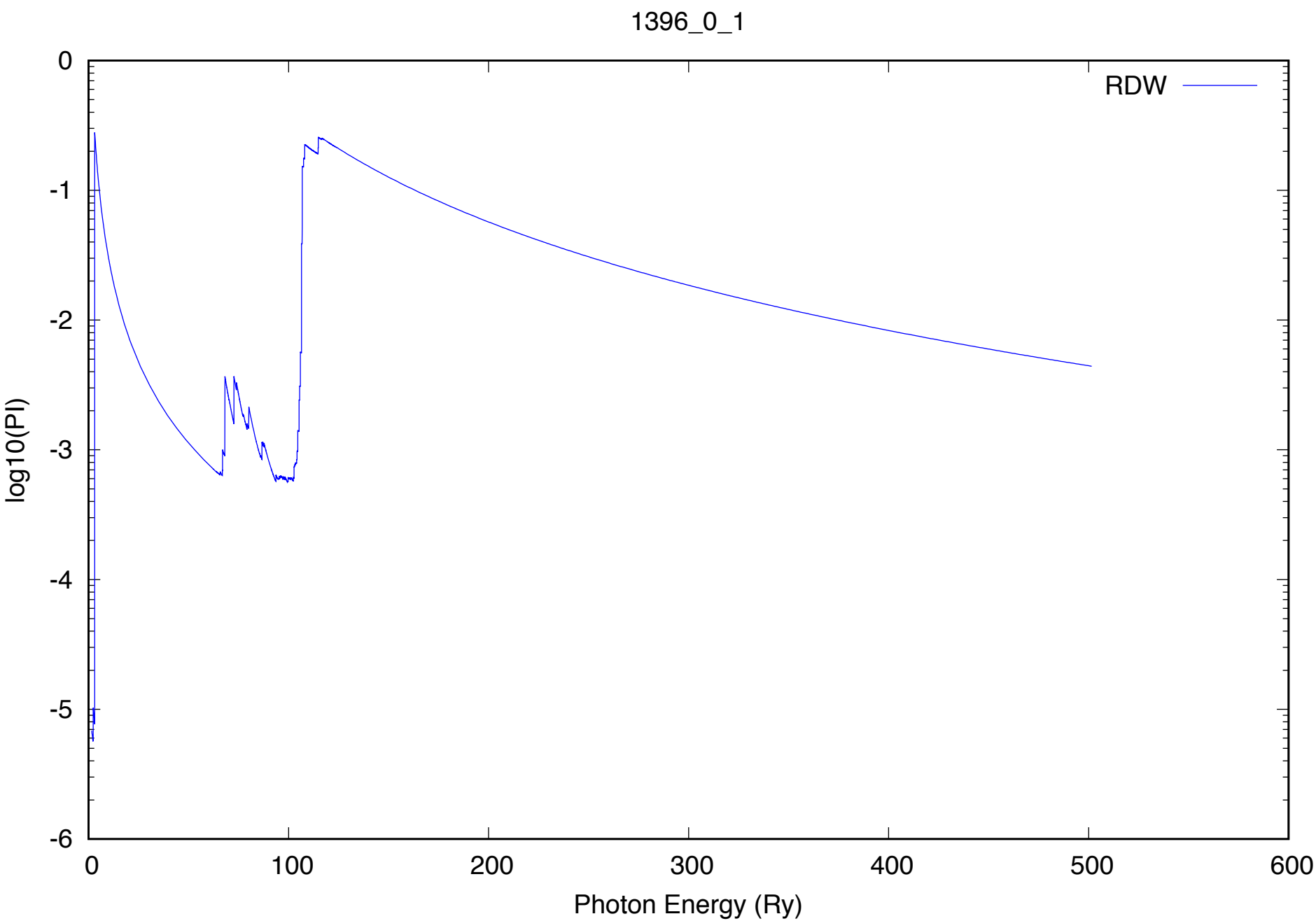
300
400
500
600


1396_0_1
RDW
log10(PI)
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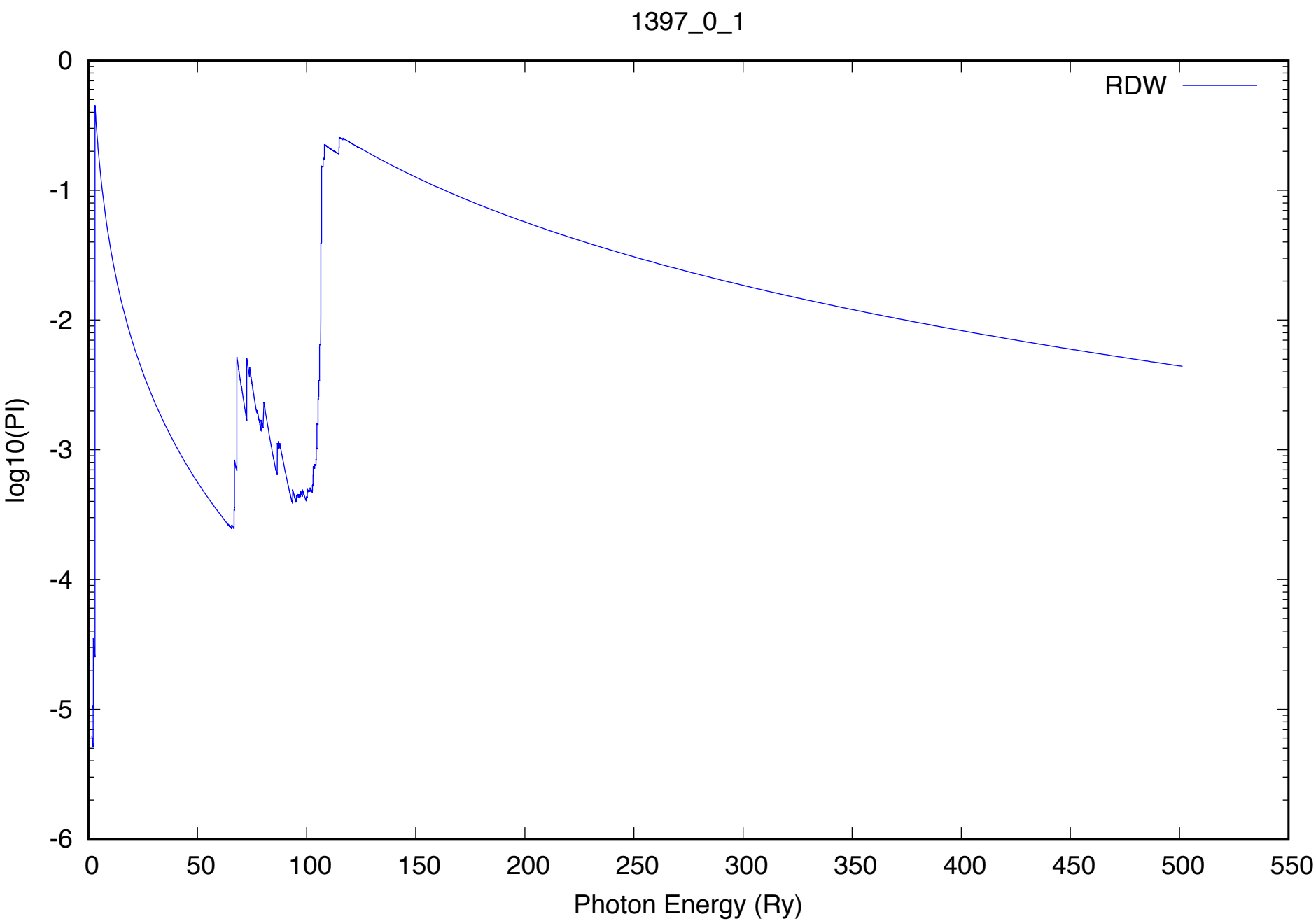
400
500
600
Photon Energy (Ry)


1397_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-5
-6
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200
250
300
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400
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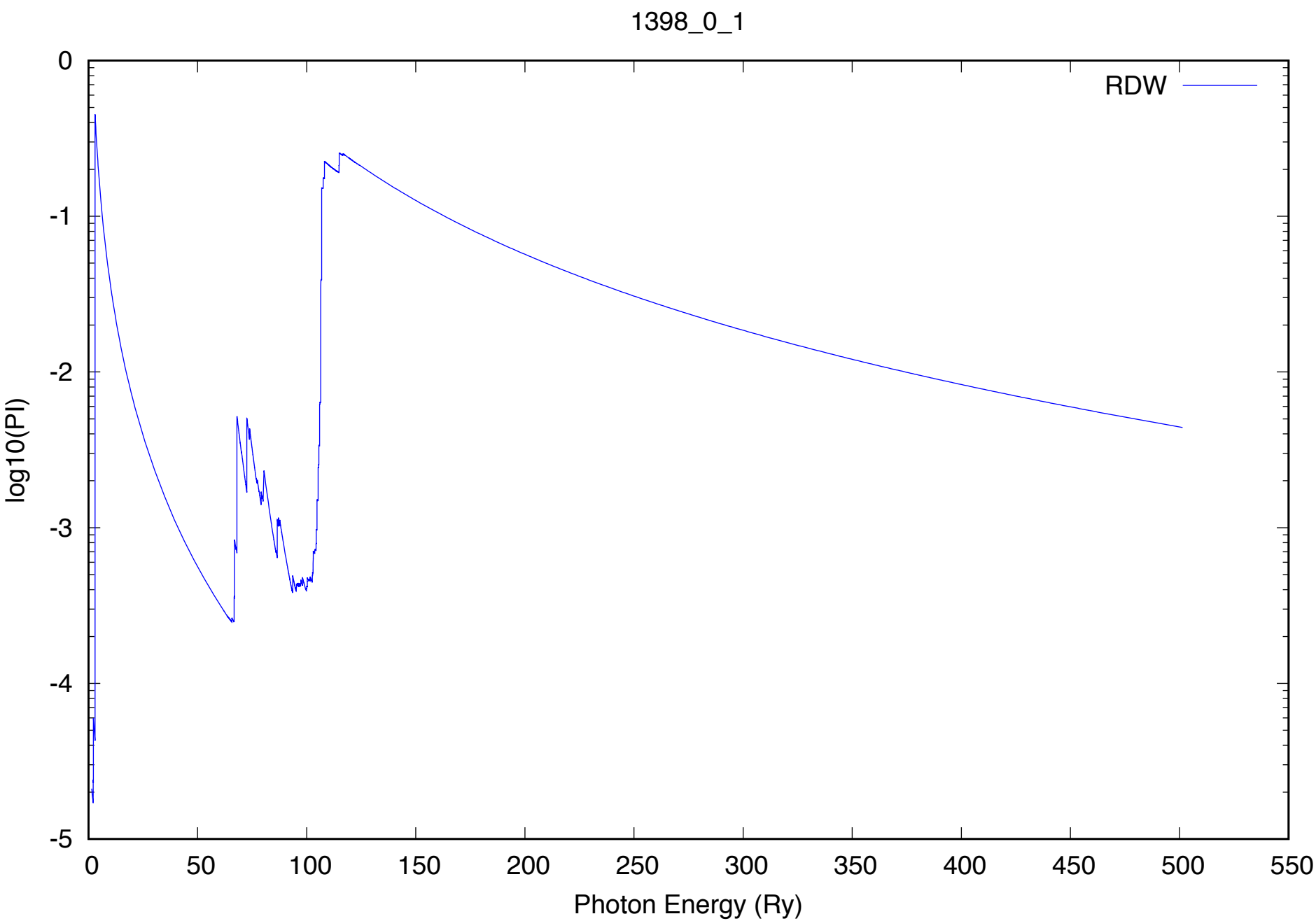
500
550


1398_0_1
RDW
log10(PI)
Photon Energy (Ry)
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500
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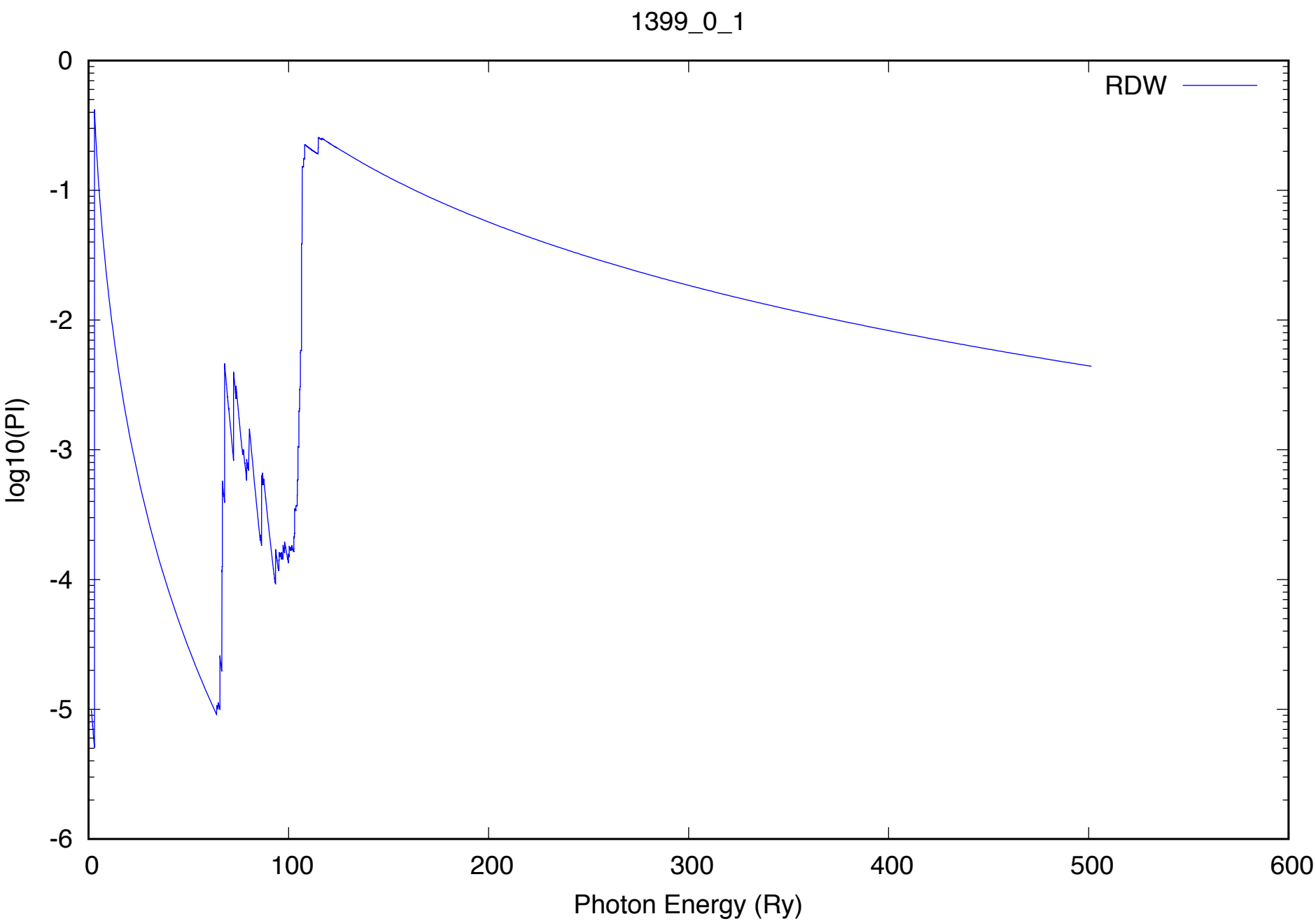
1399_0_1
RDW
log10(PI)
Photon Energy (Ry)
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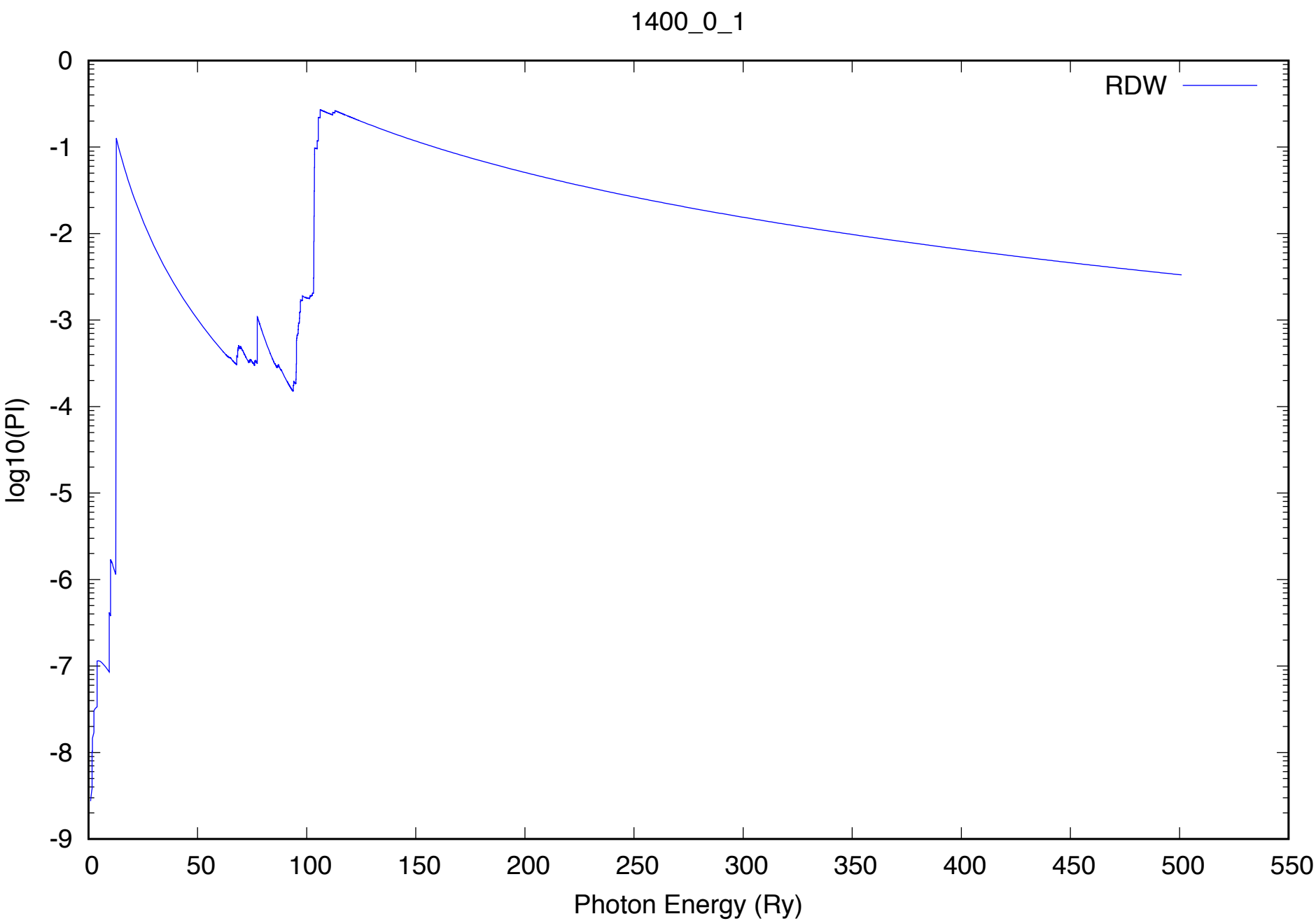
500
600


1400_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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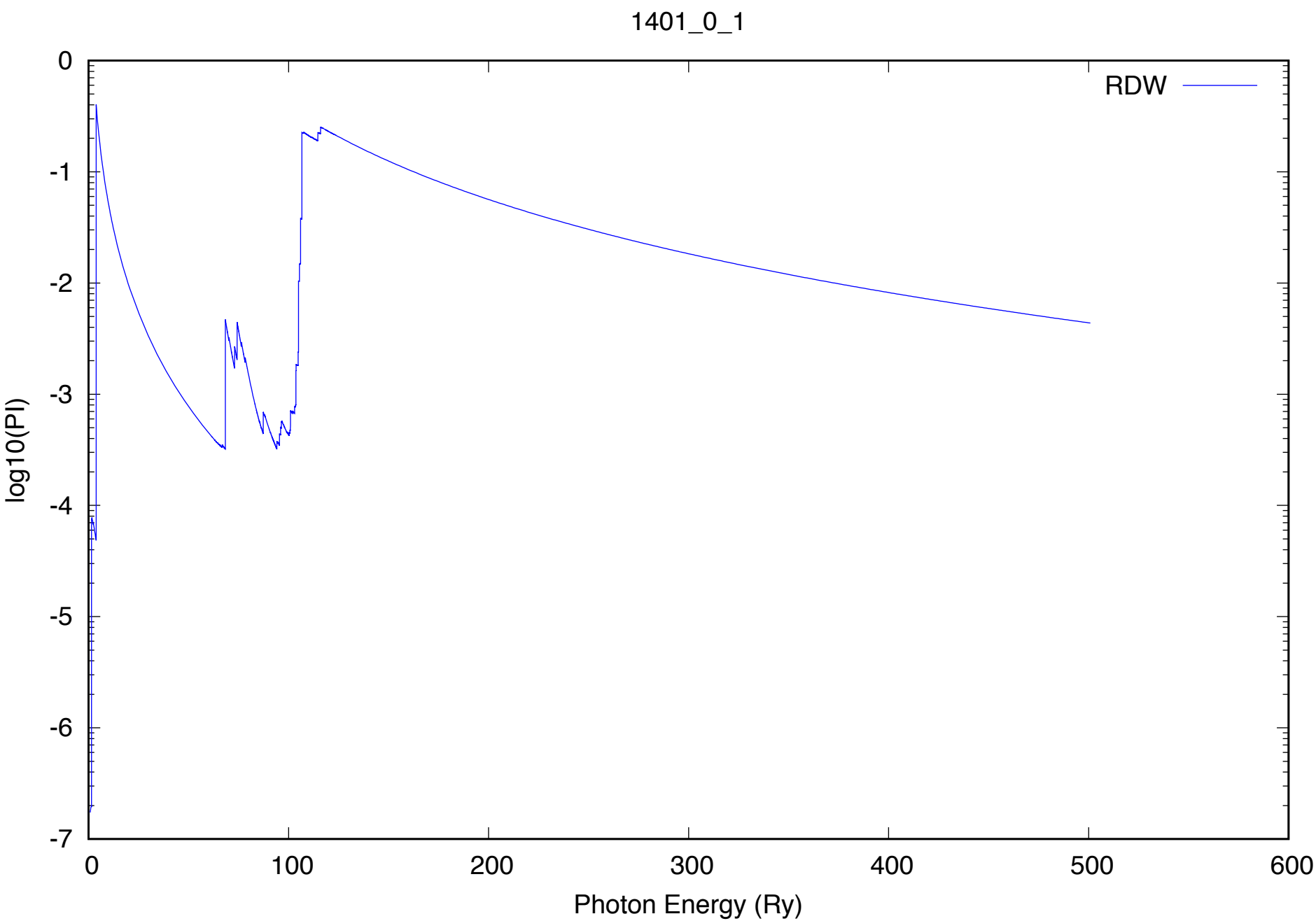
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1401_0_1
RDW
log10(PI)
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-3
-4
-5
-6
-7
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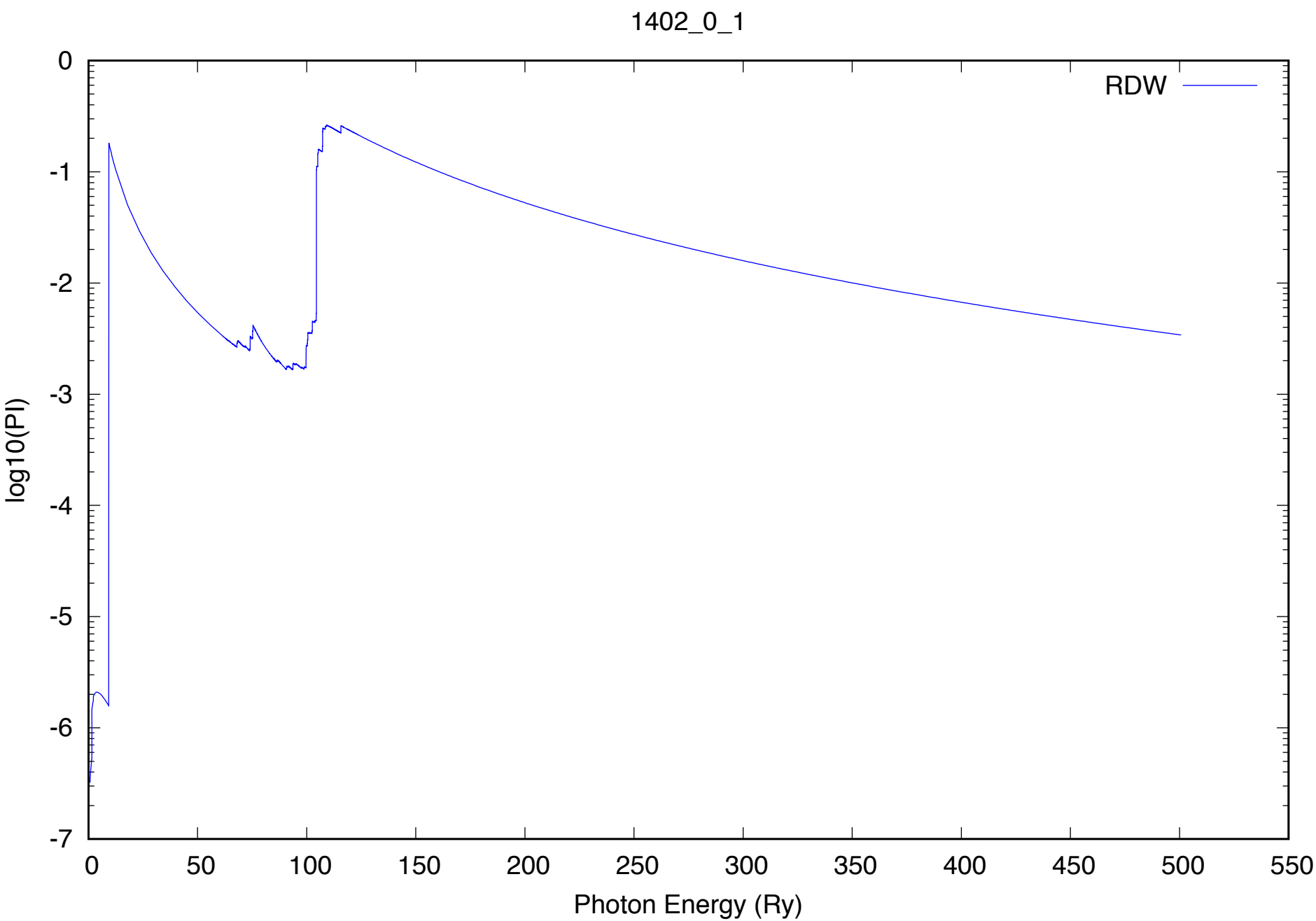
200
300
400
500
600
Photon Energy (Ry)


1402_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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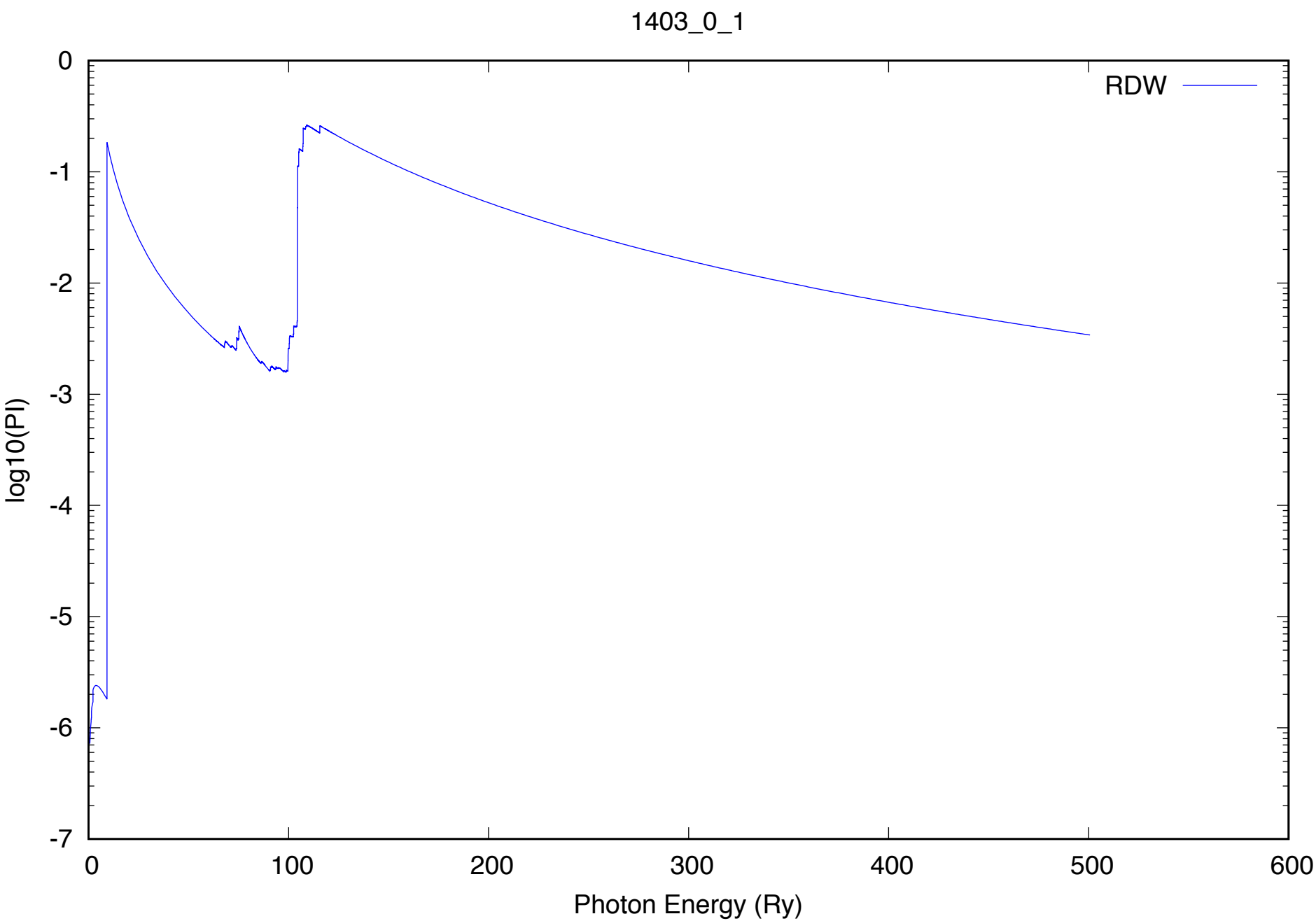
100
150
200
250
300
350
400
450
500
550


1403_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
-7
0
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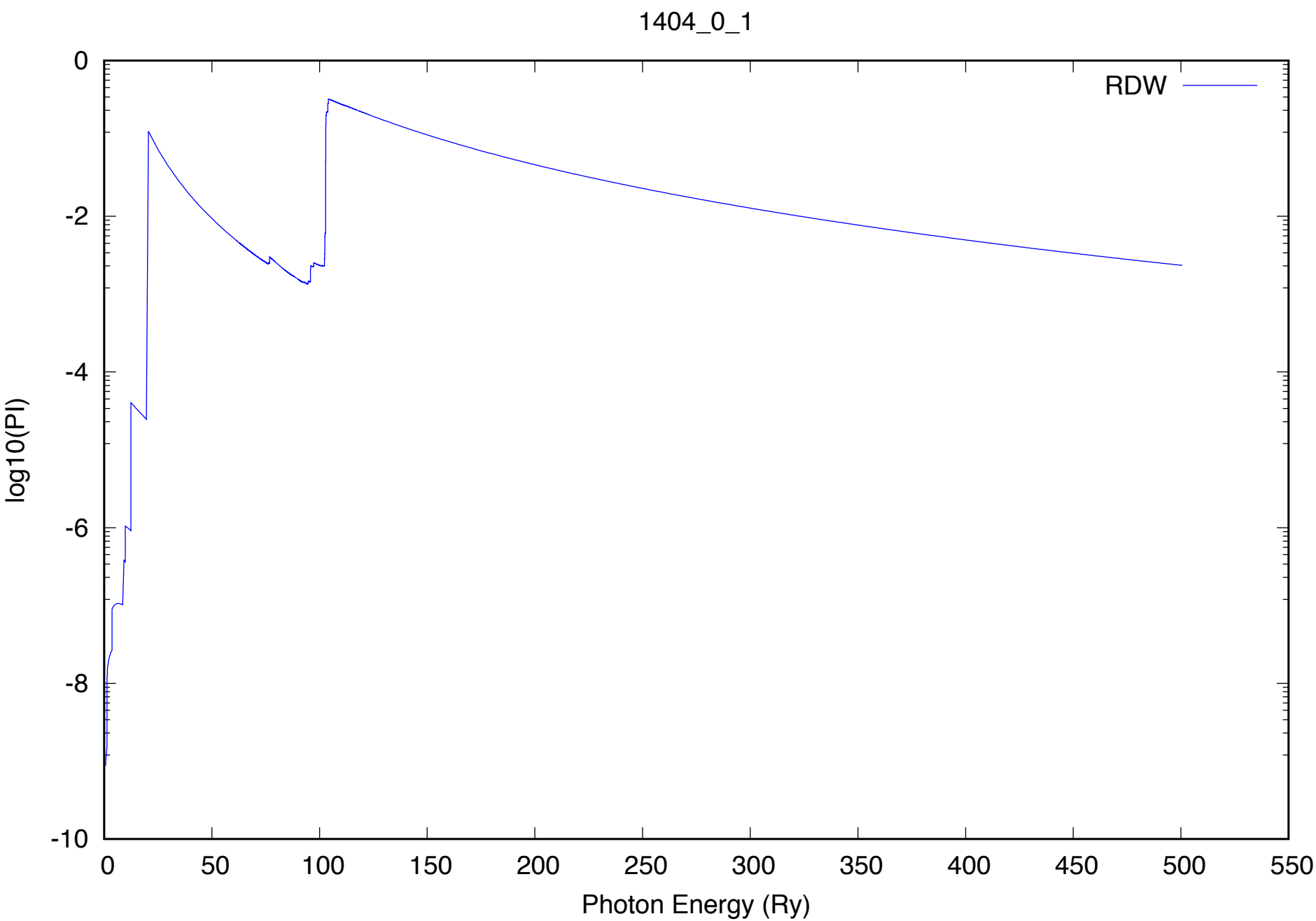
200
300
400
500
600


1404_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
-8
-10
0
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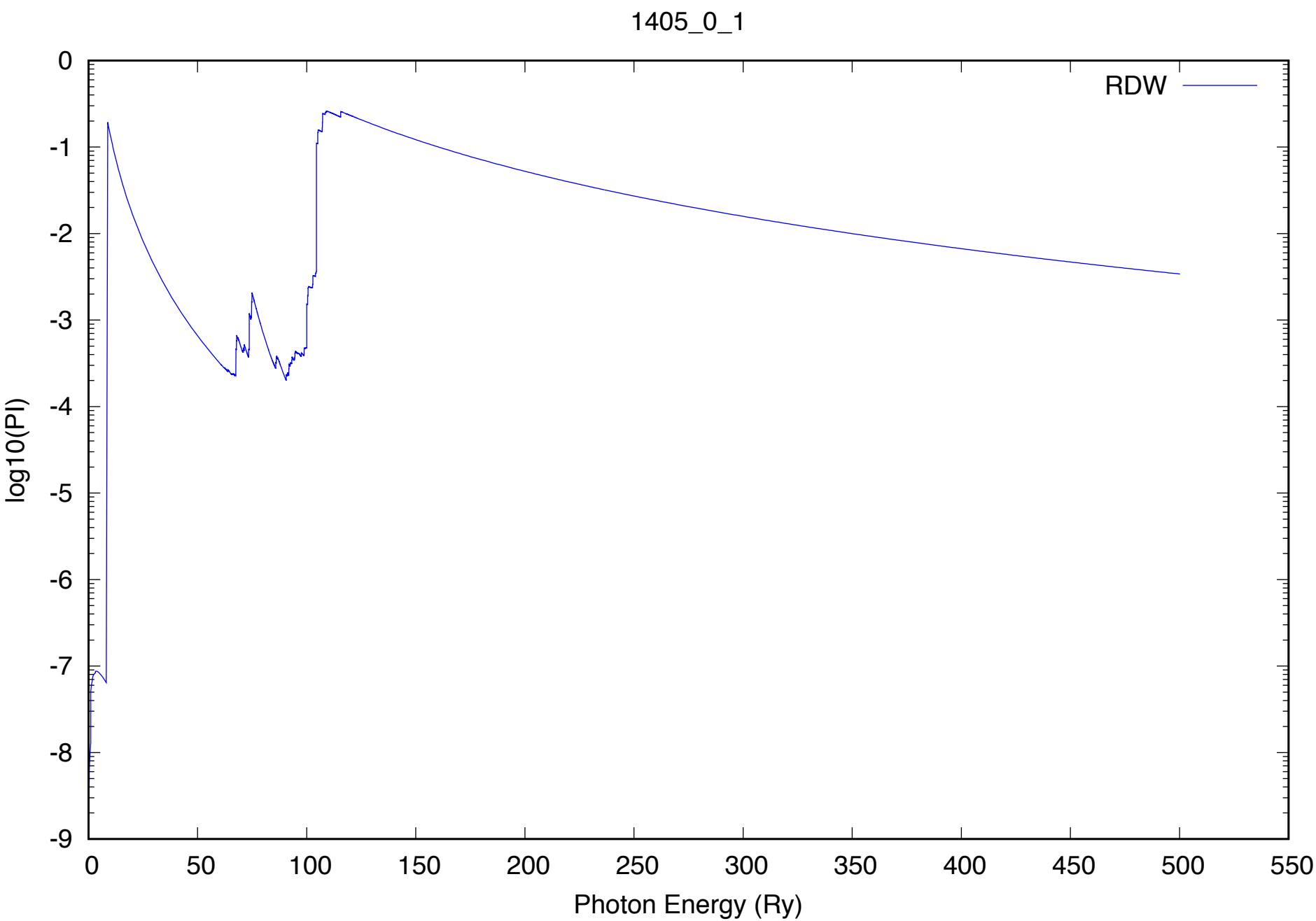
100
150
200
250
300
350
400
450
500
550


1405_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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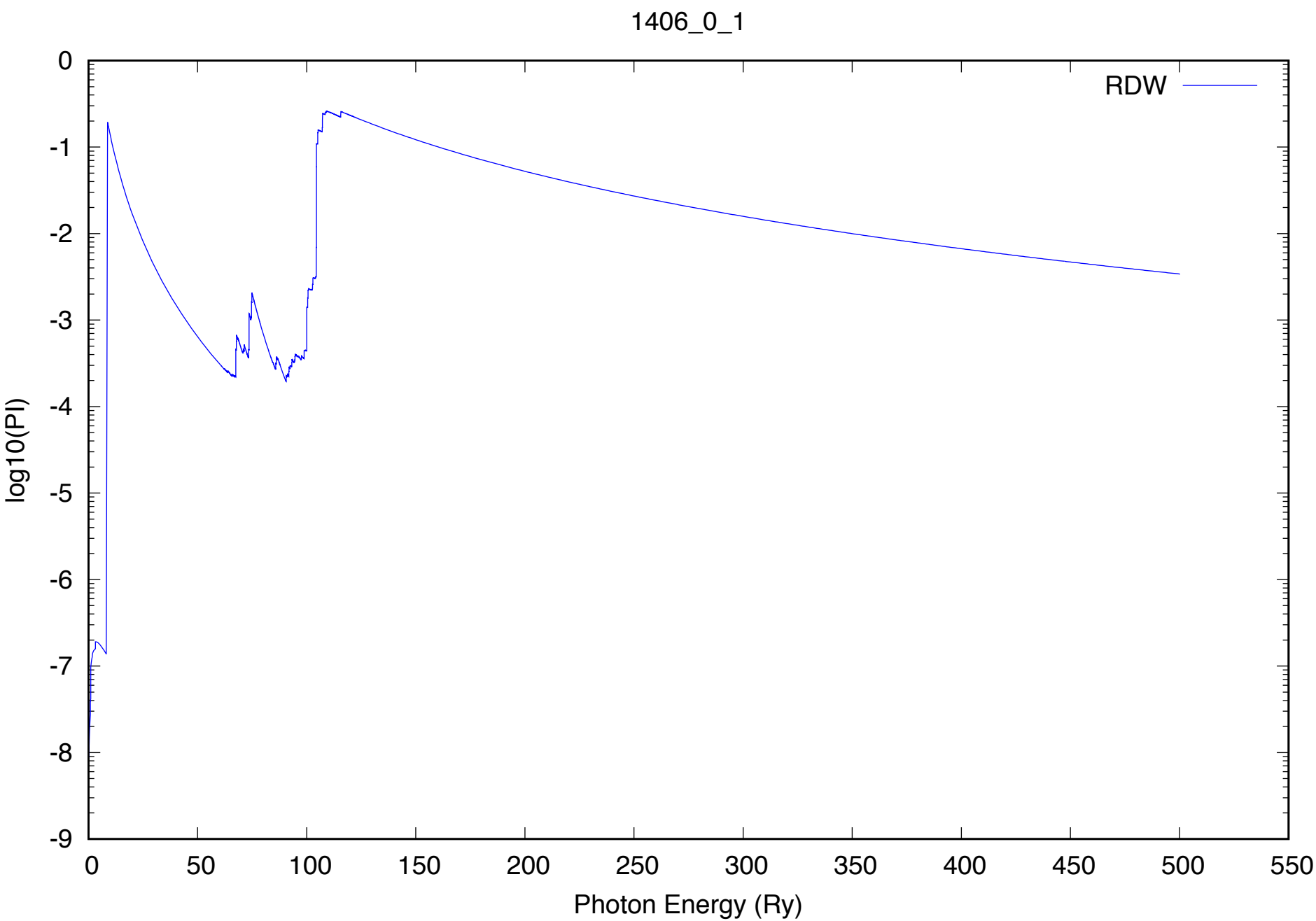
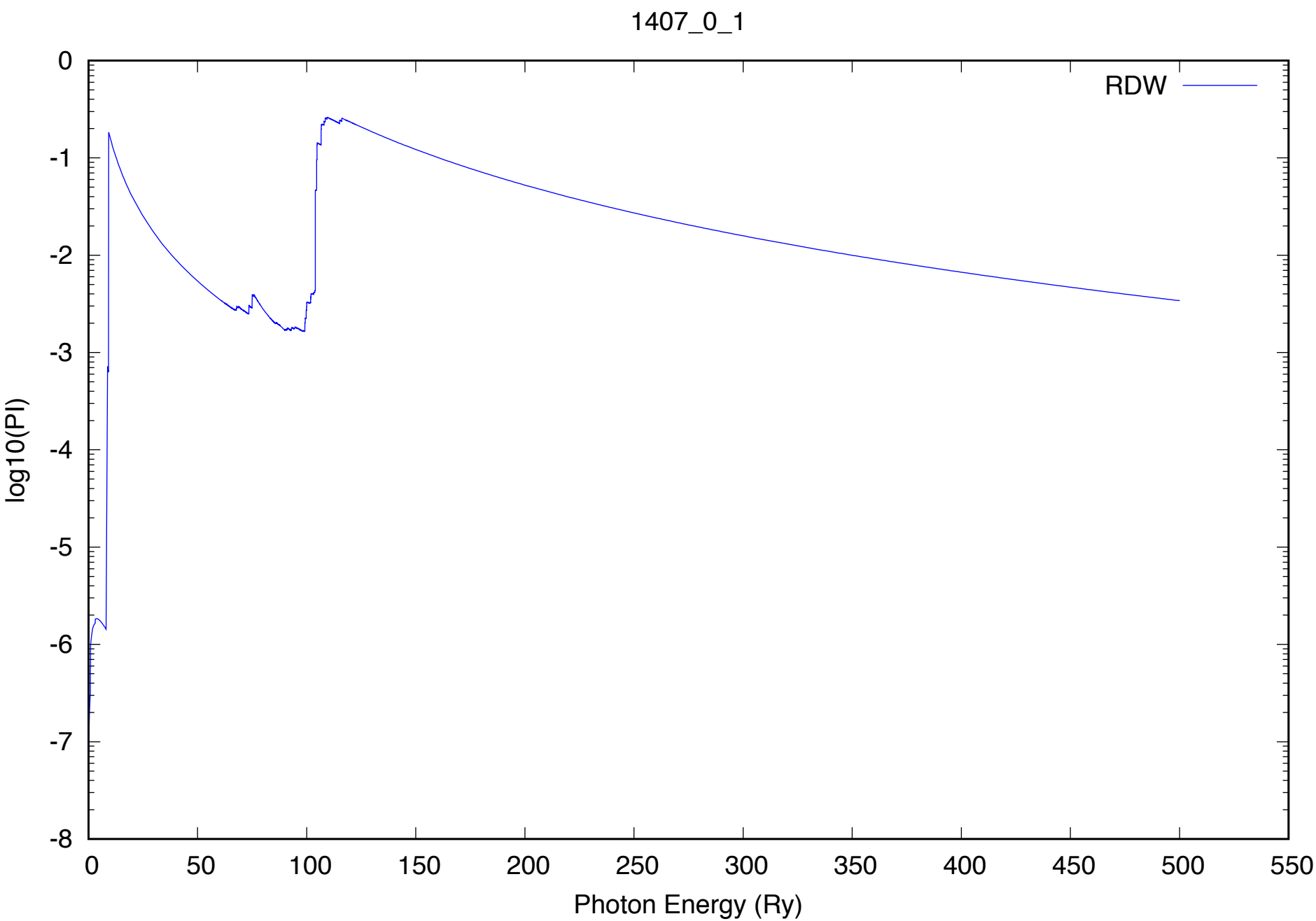
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1406_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1407_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
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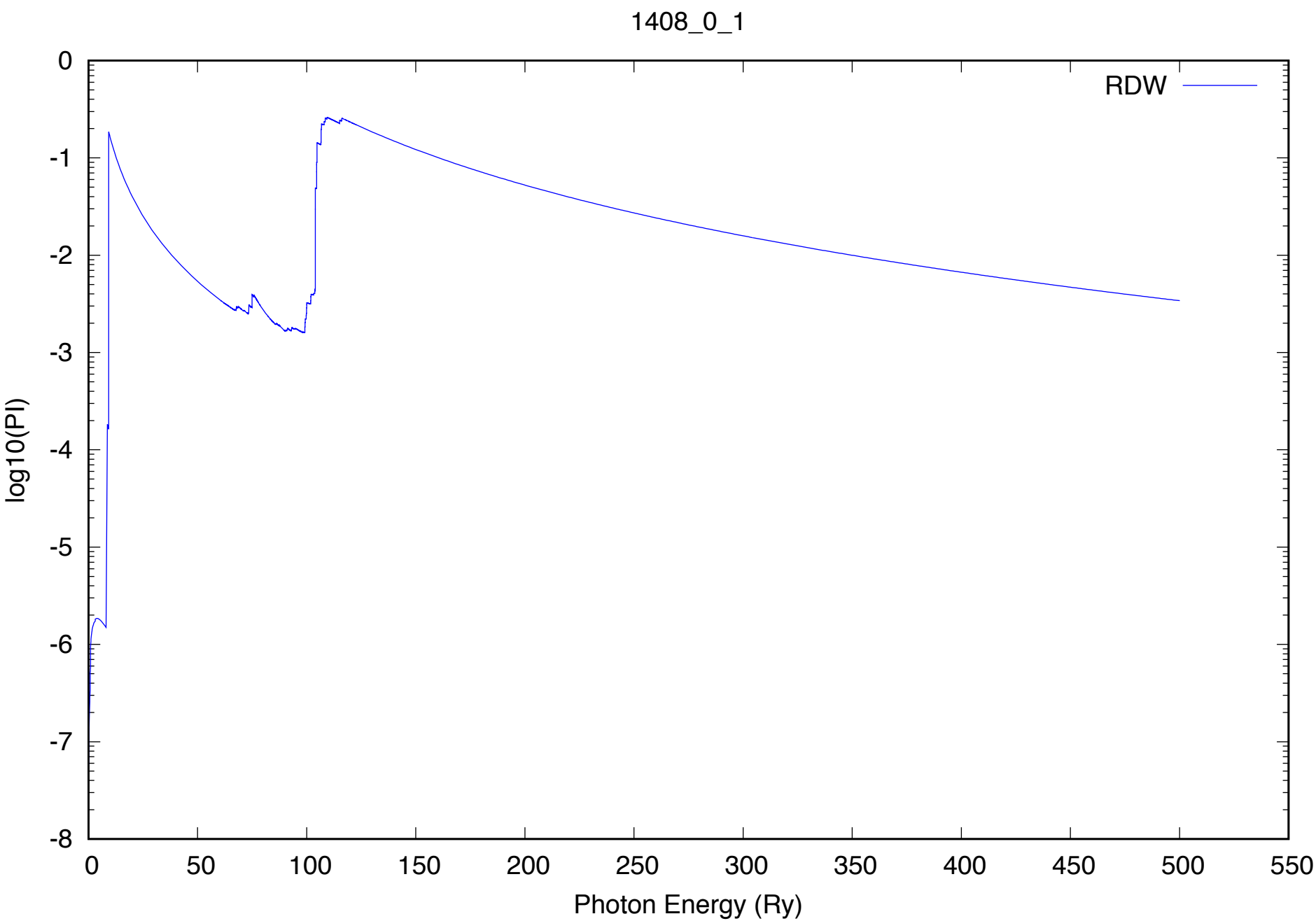
1408_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
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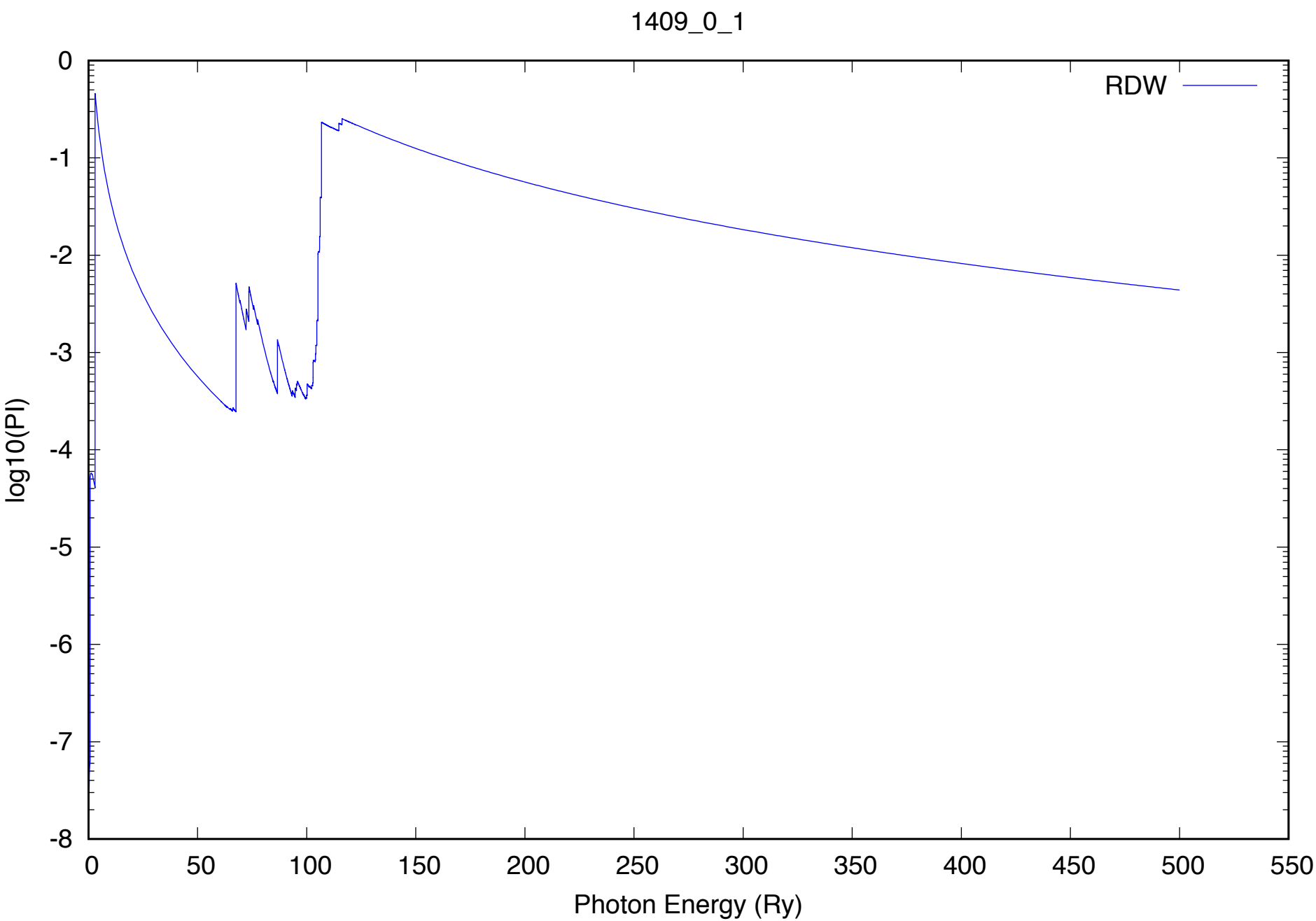
1409_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
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400
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500
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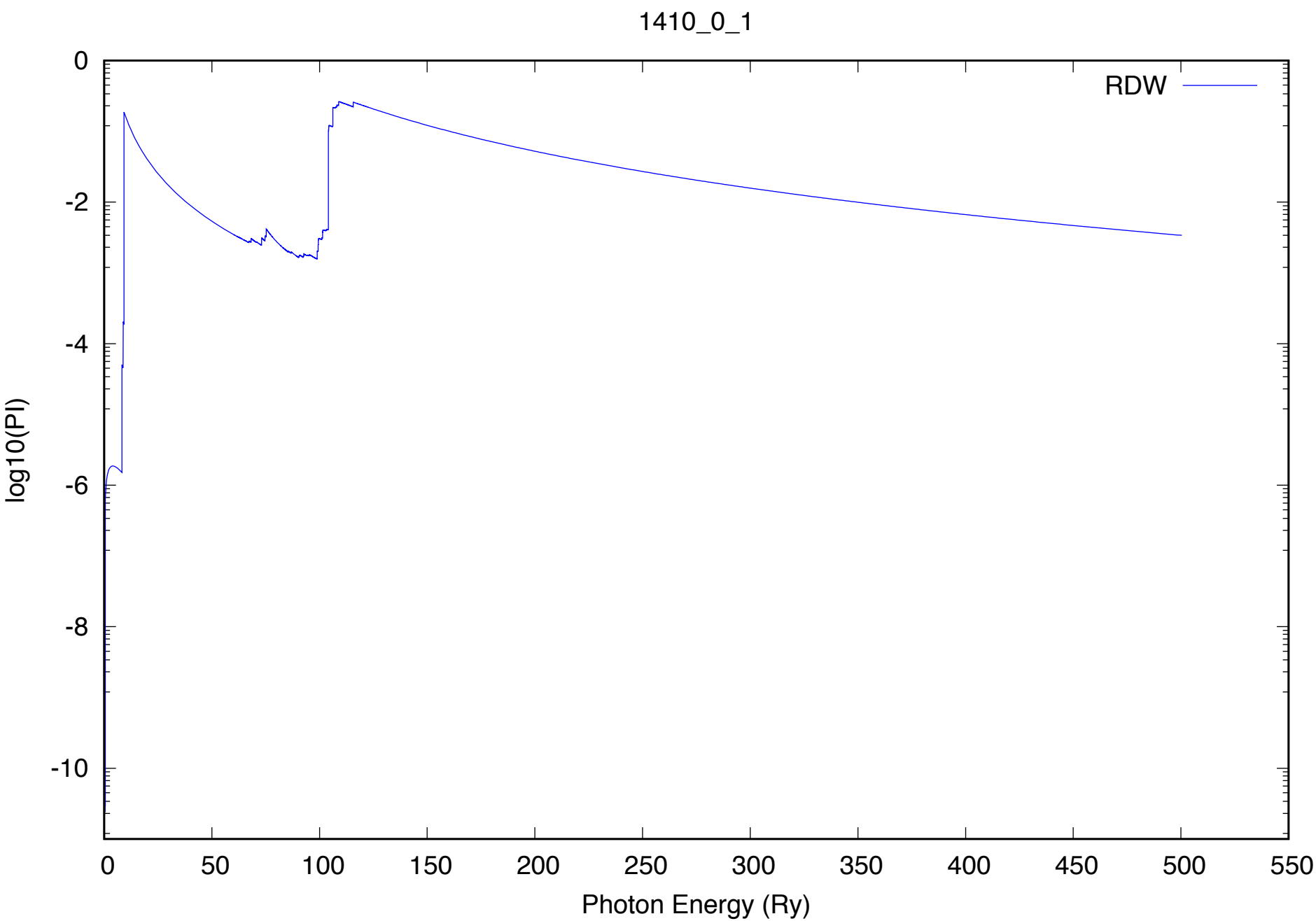
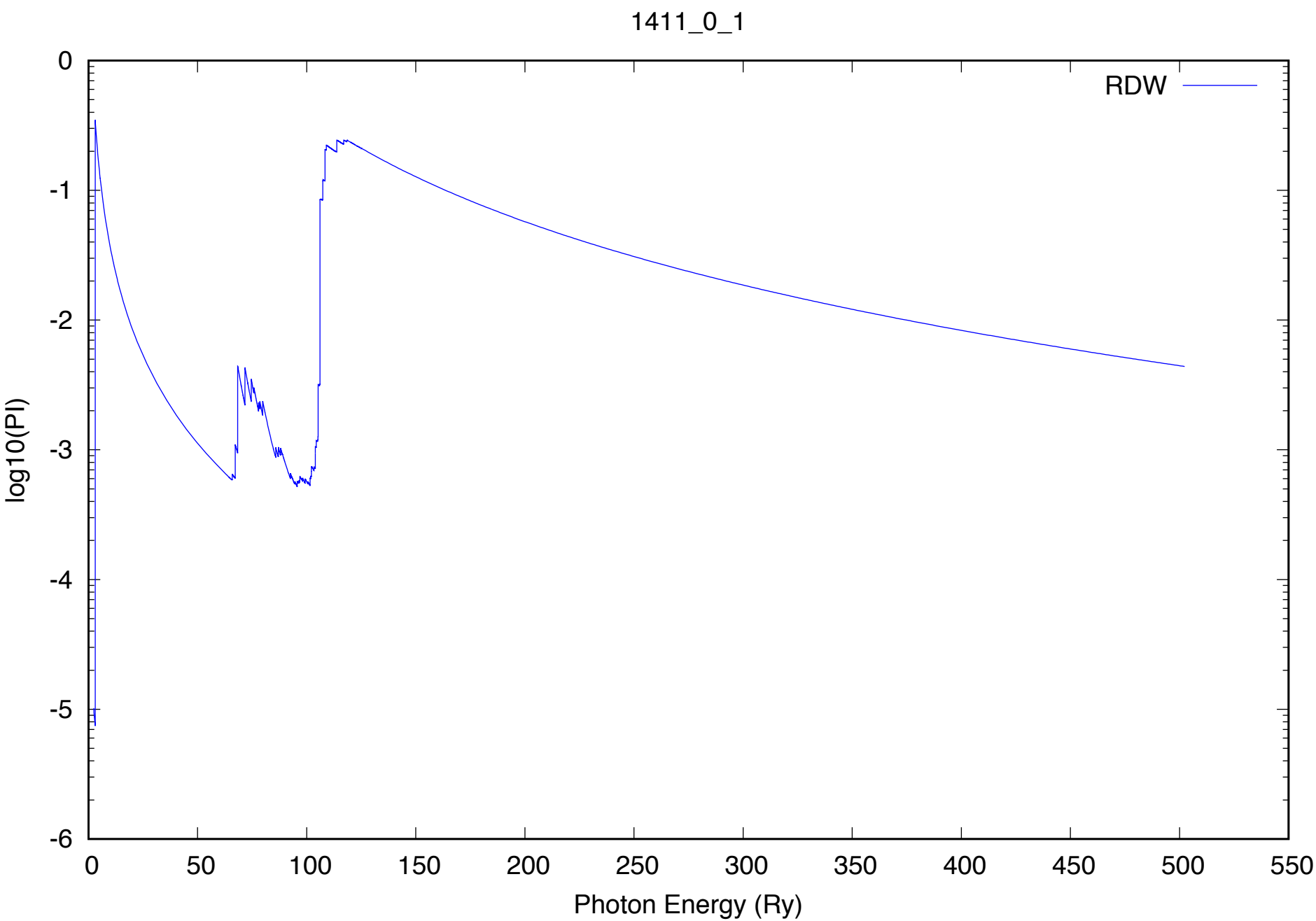
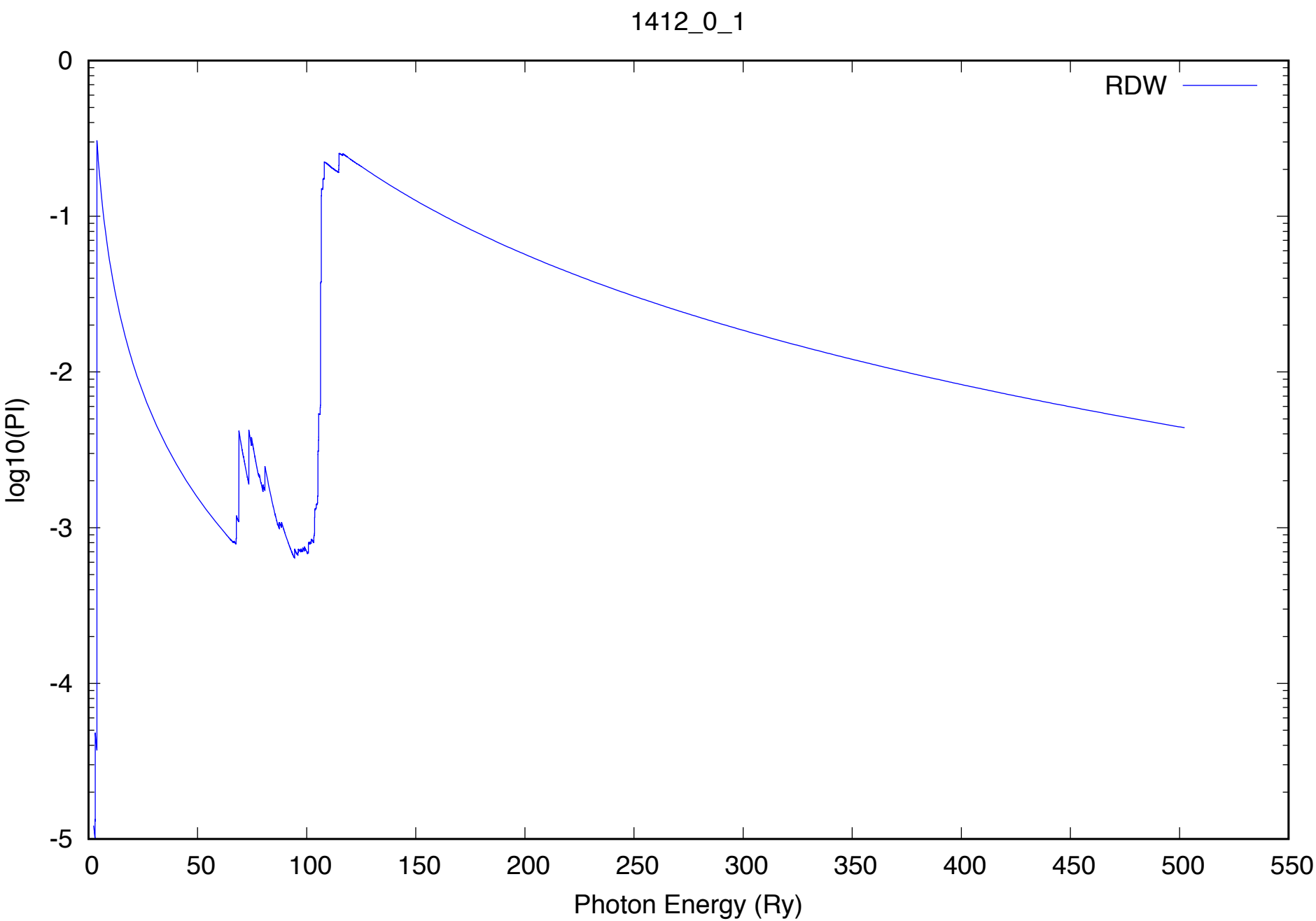

1410_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1411_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1412_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
0
50
100
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200
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300
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400
450
500
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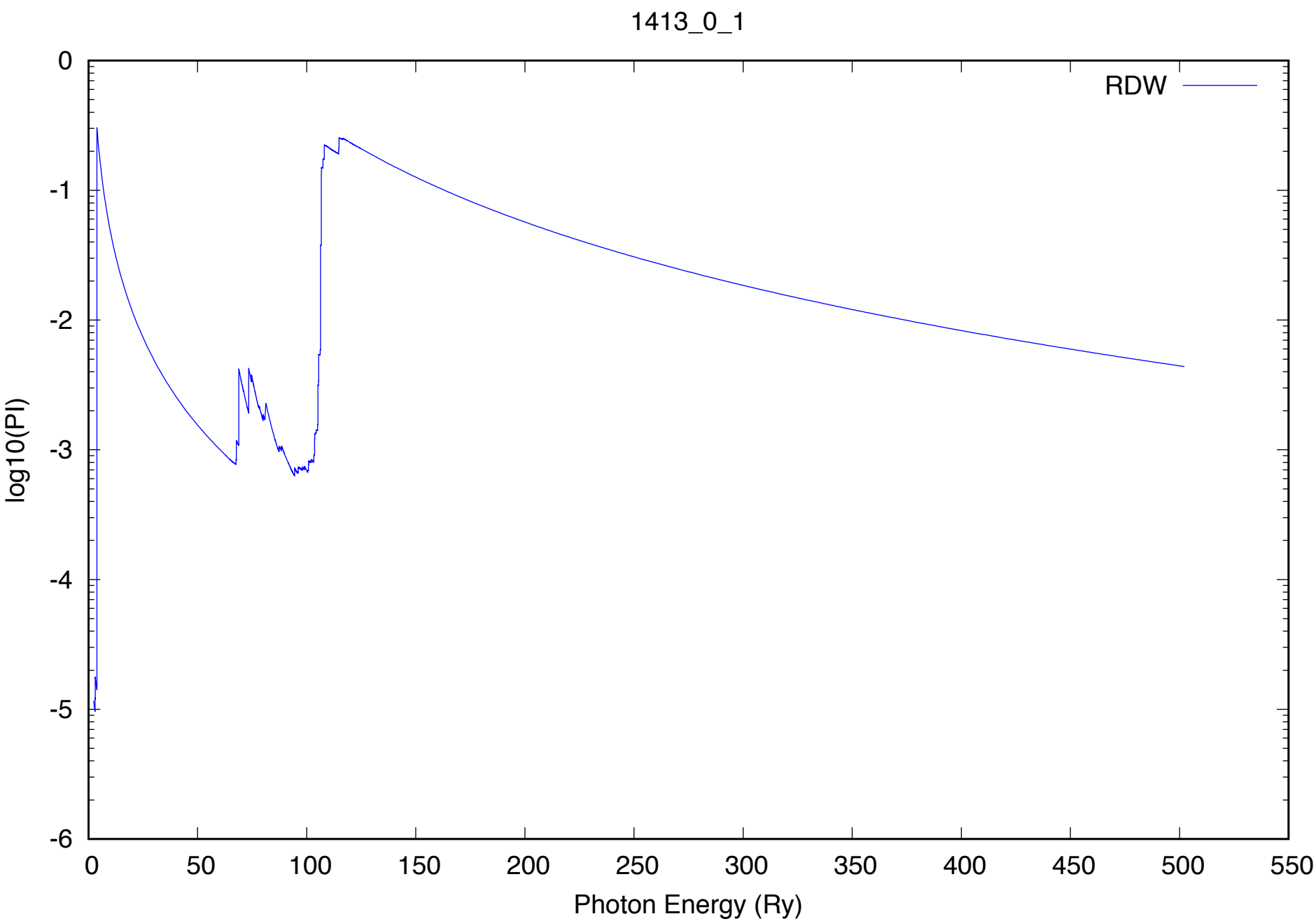
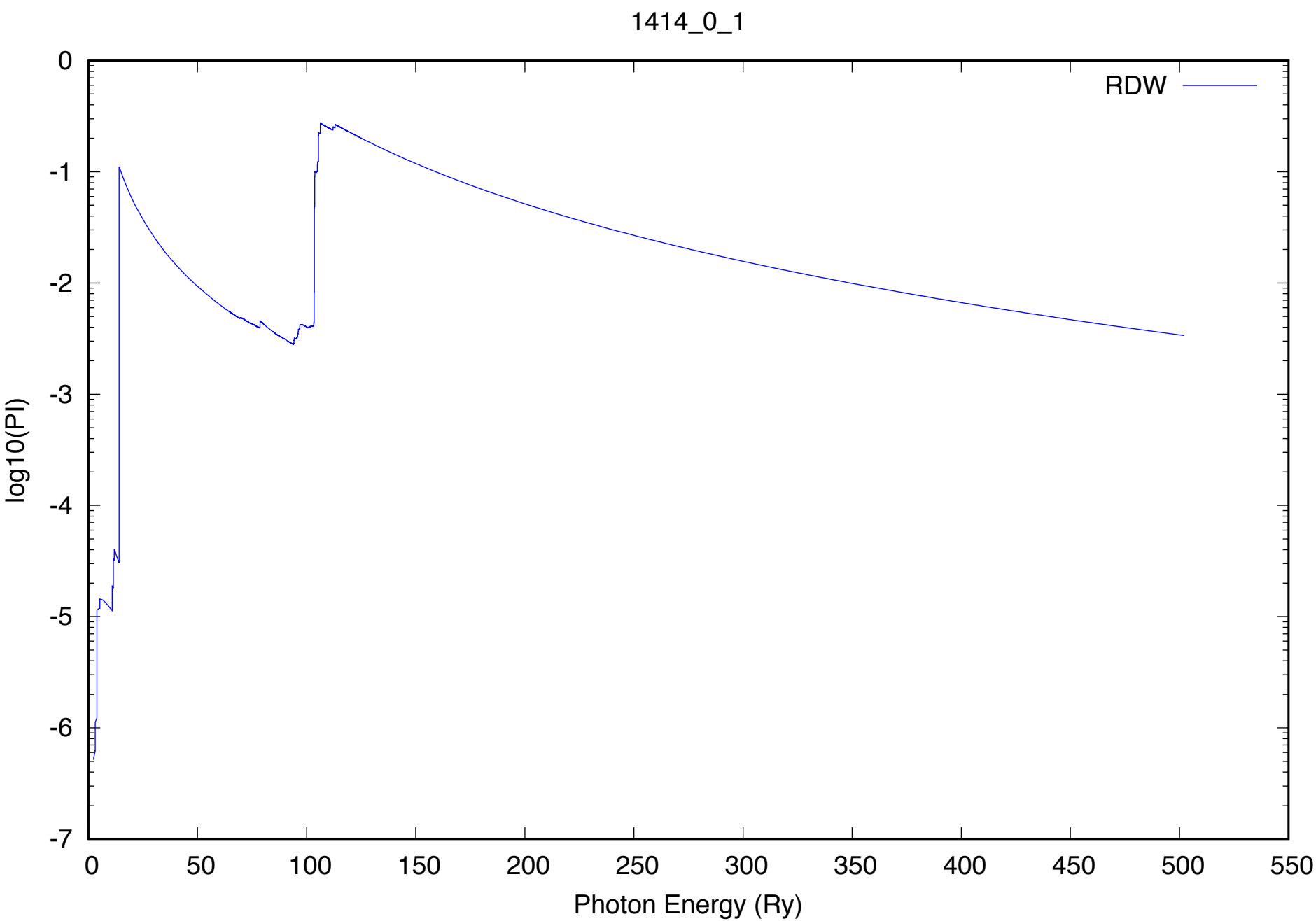

1413_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1414_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
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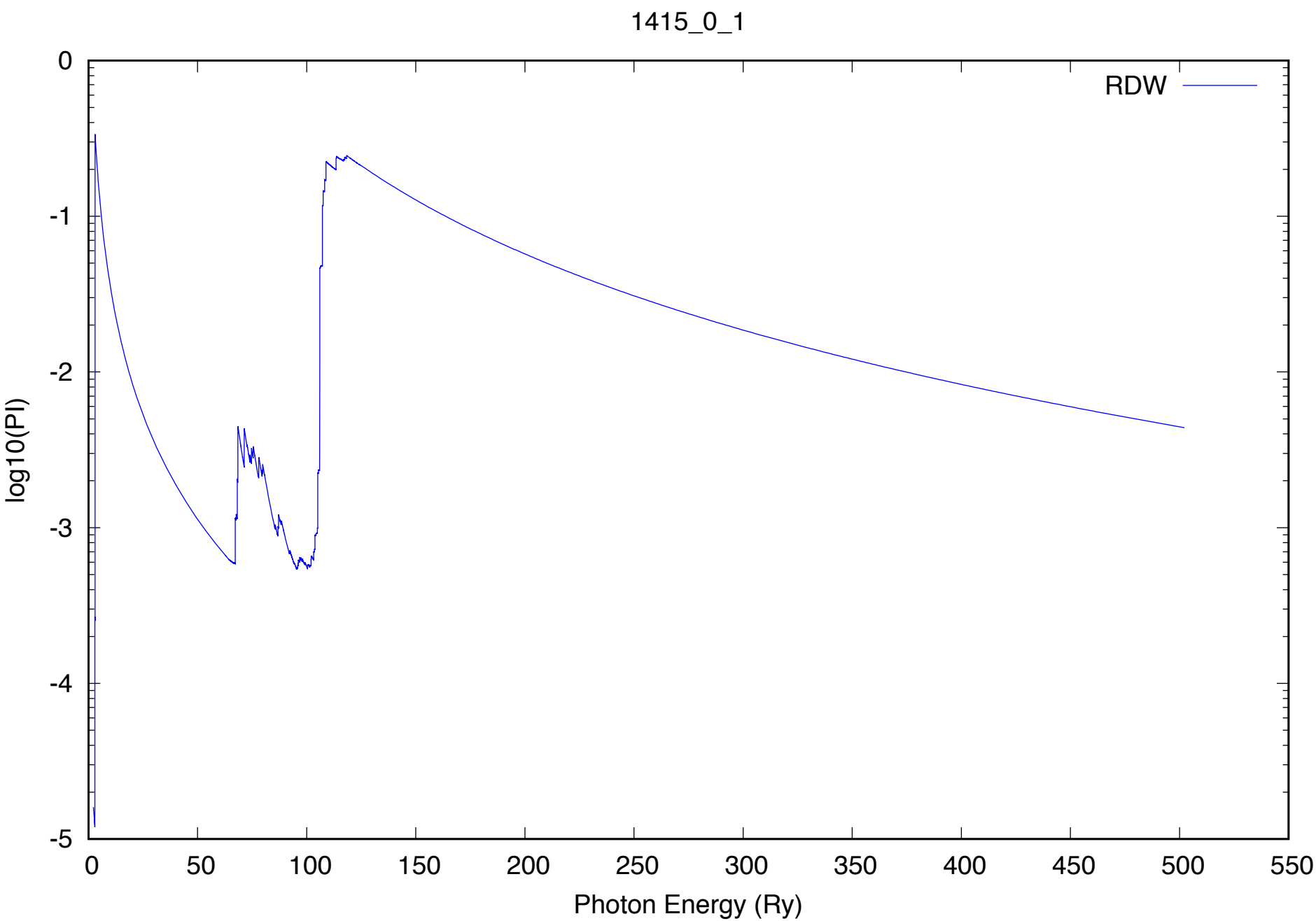
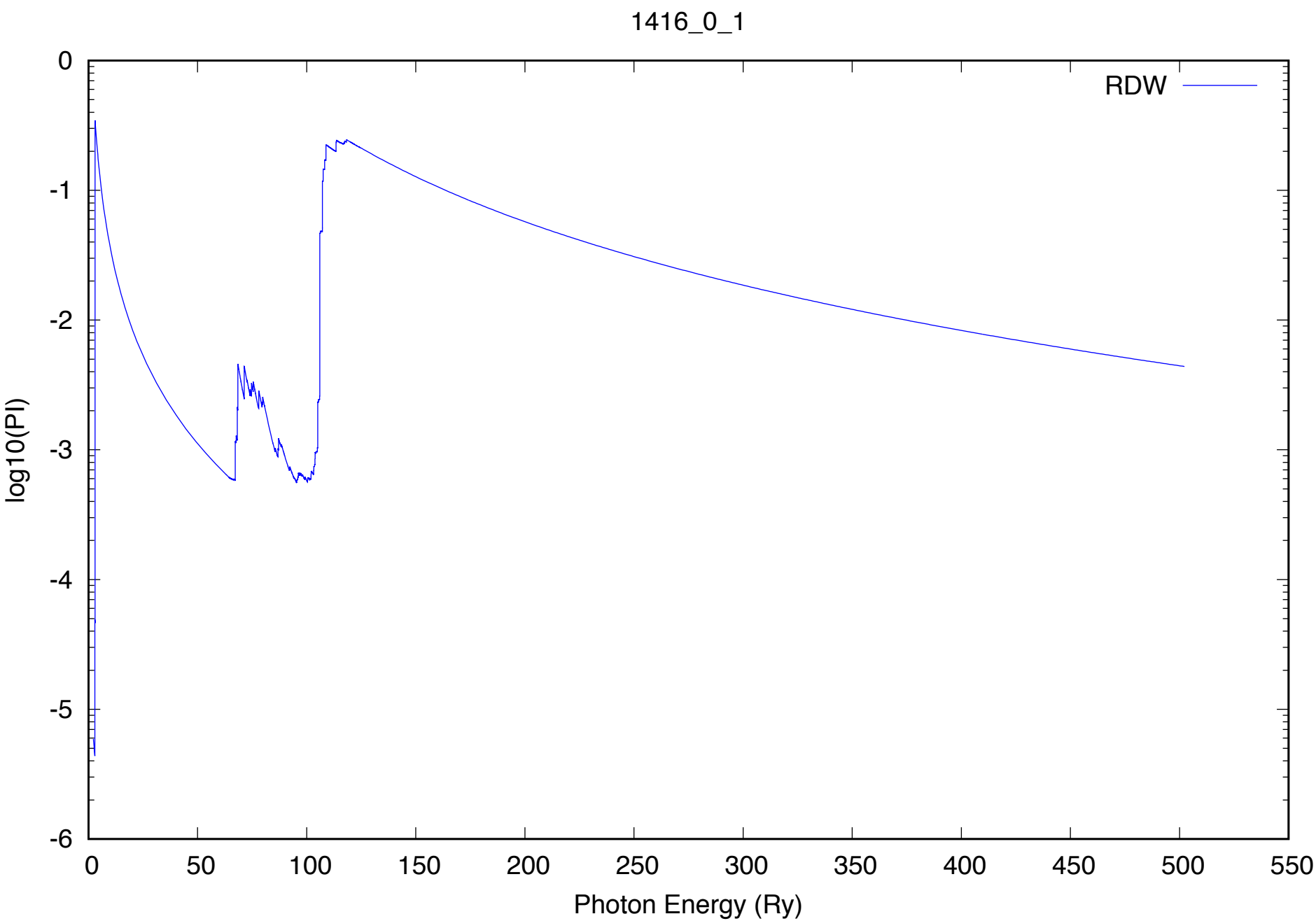
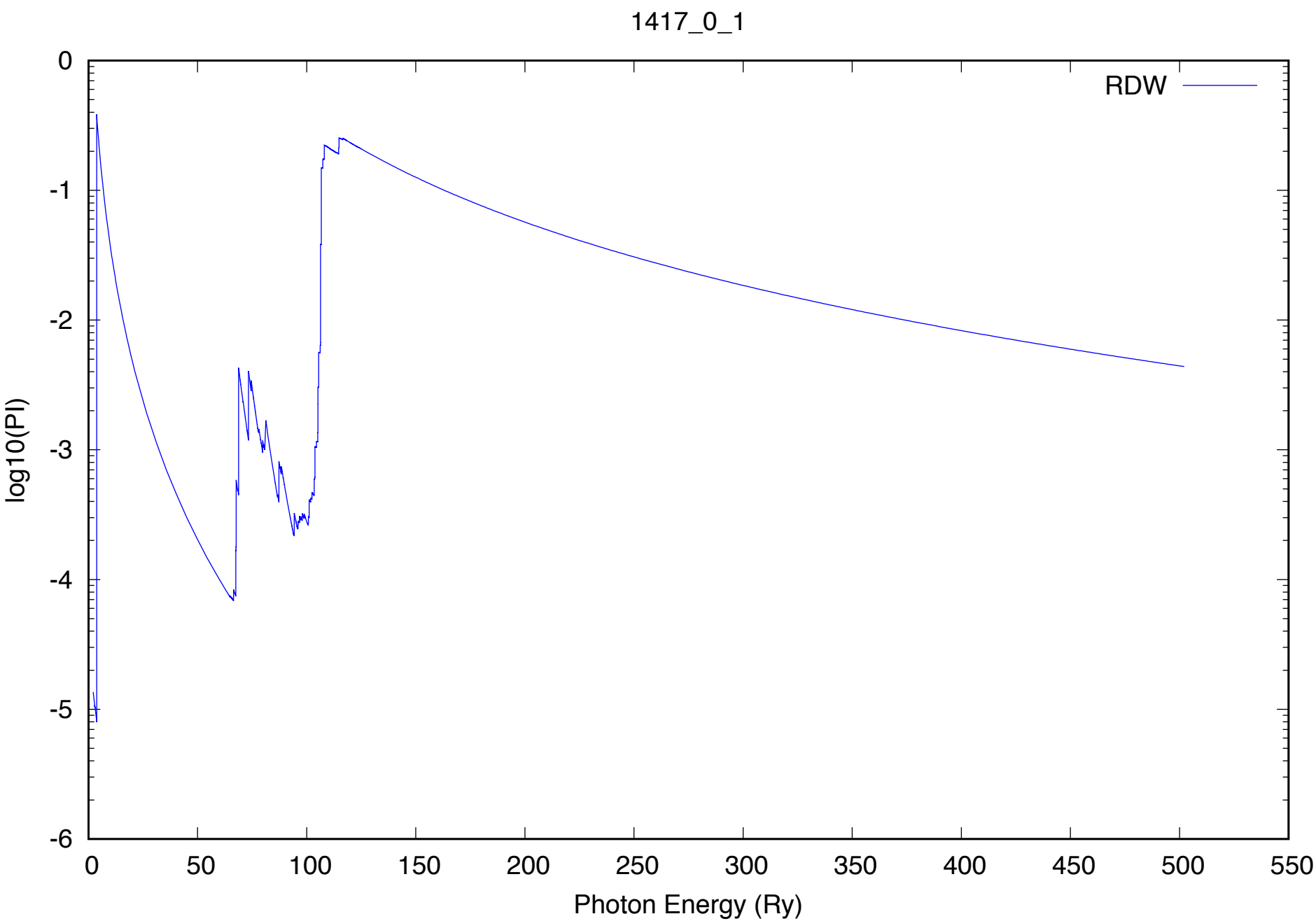
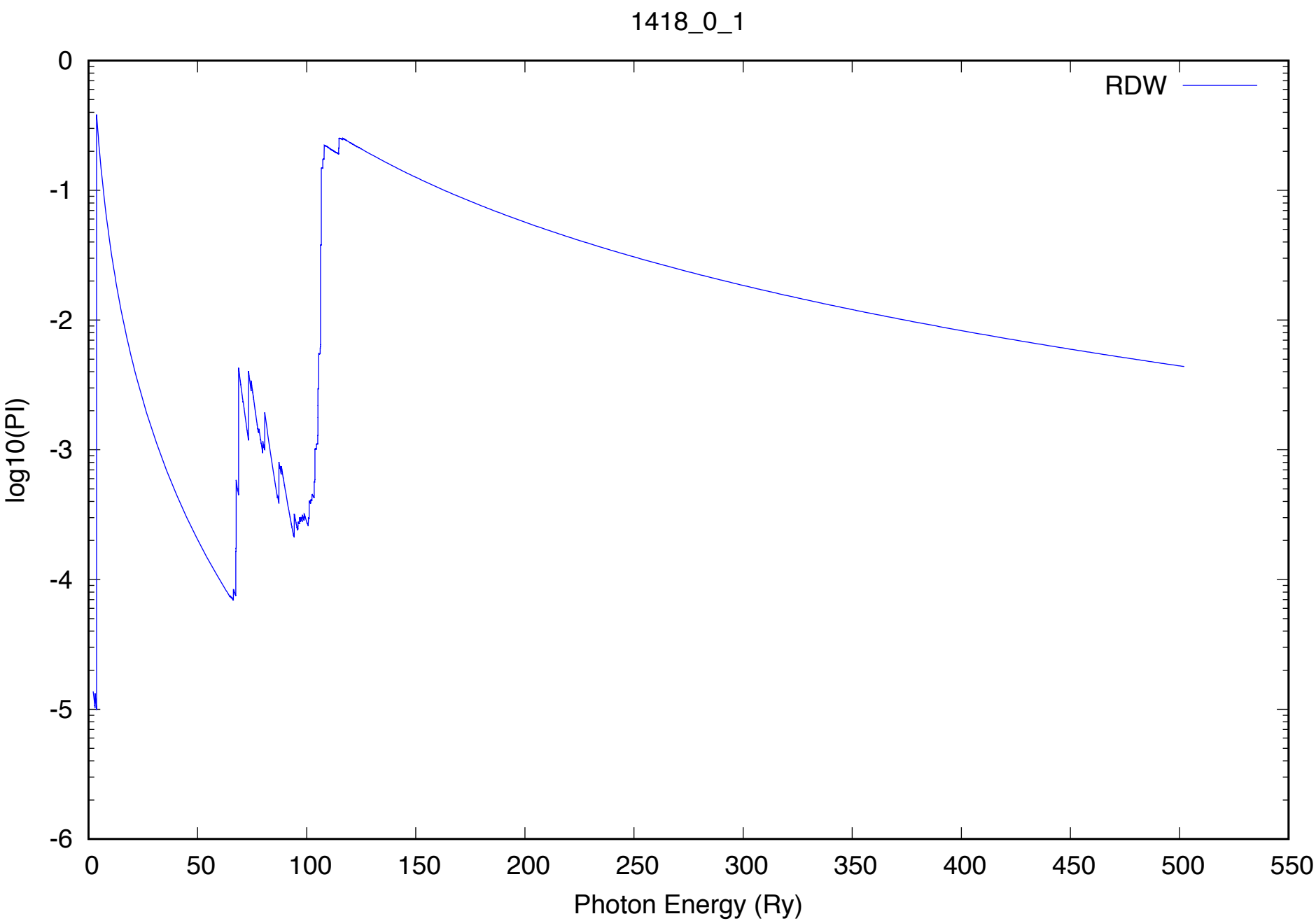
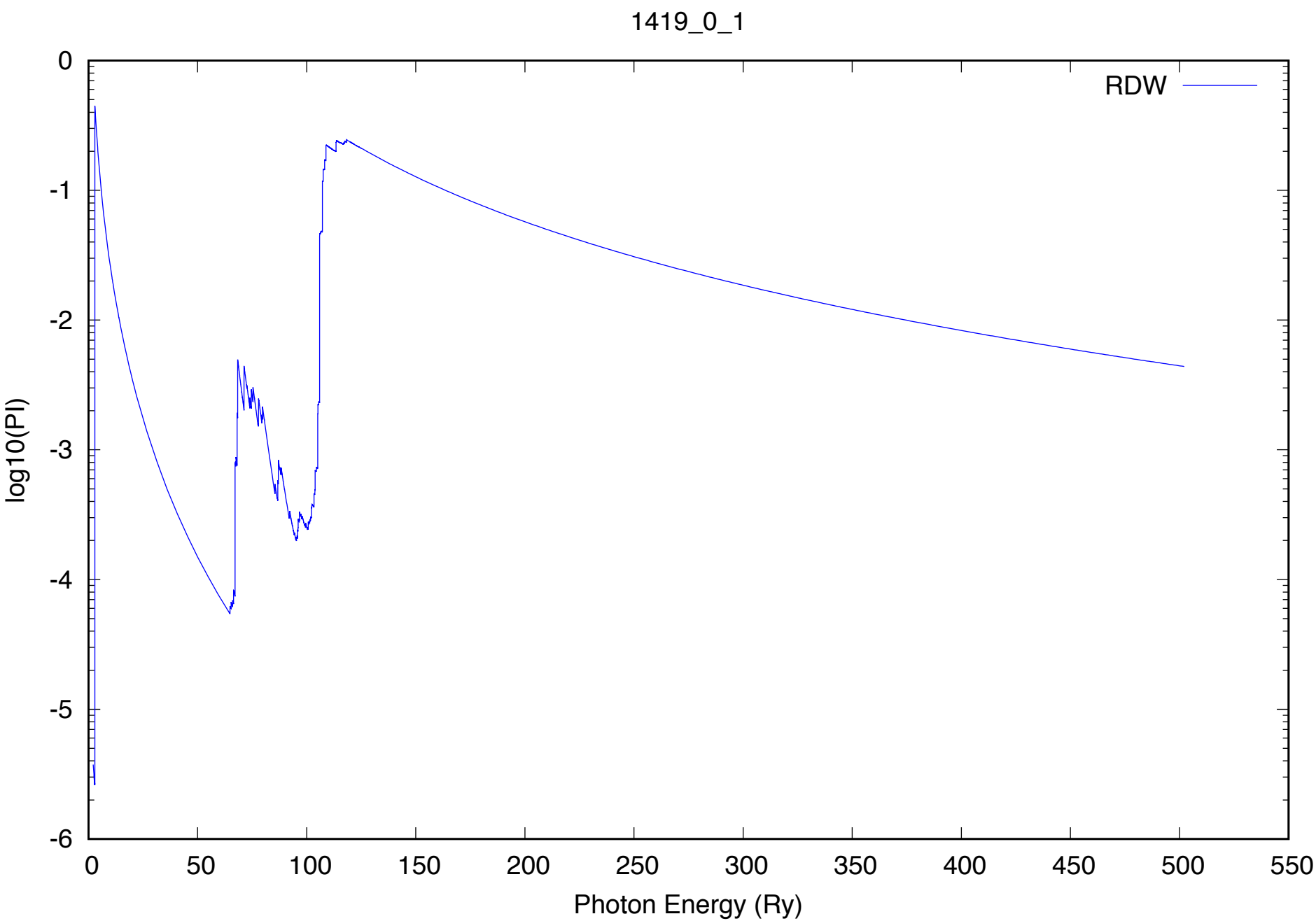
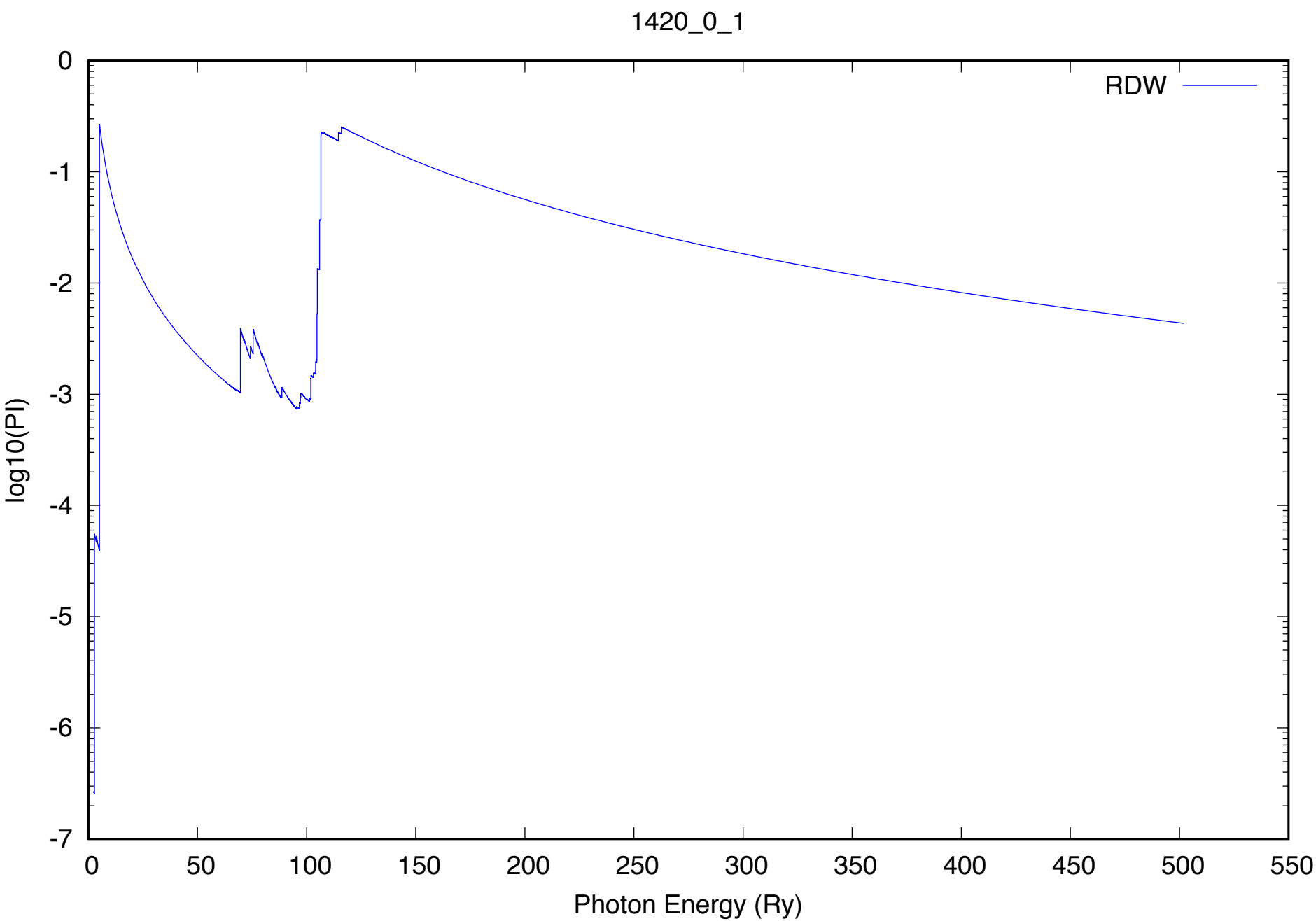

1415_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500
550

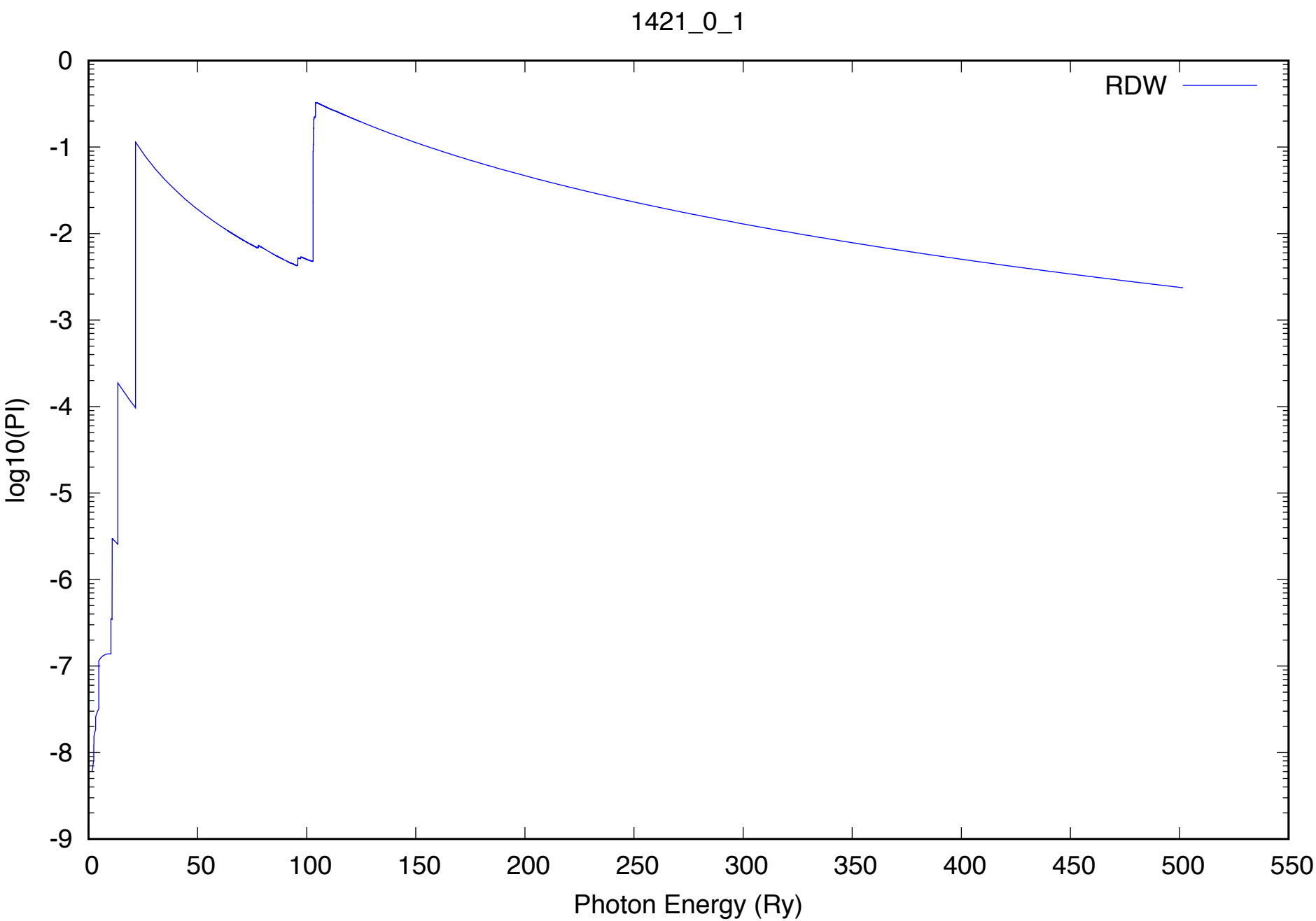

1416_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

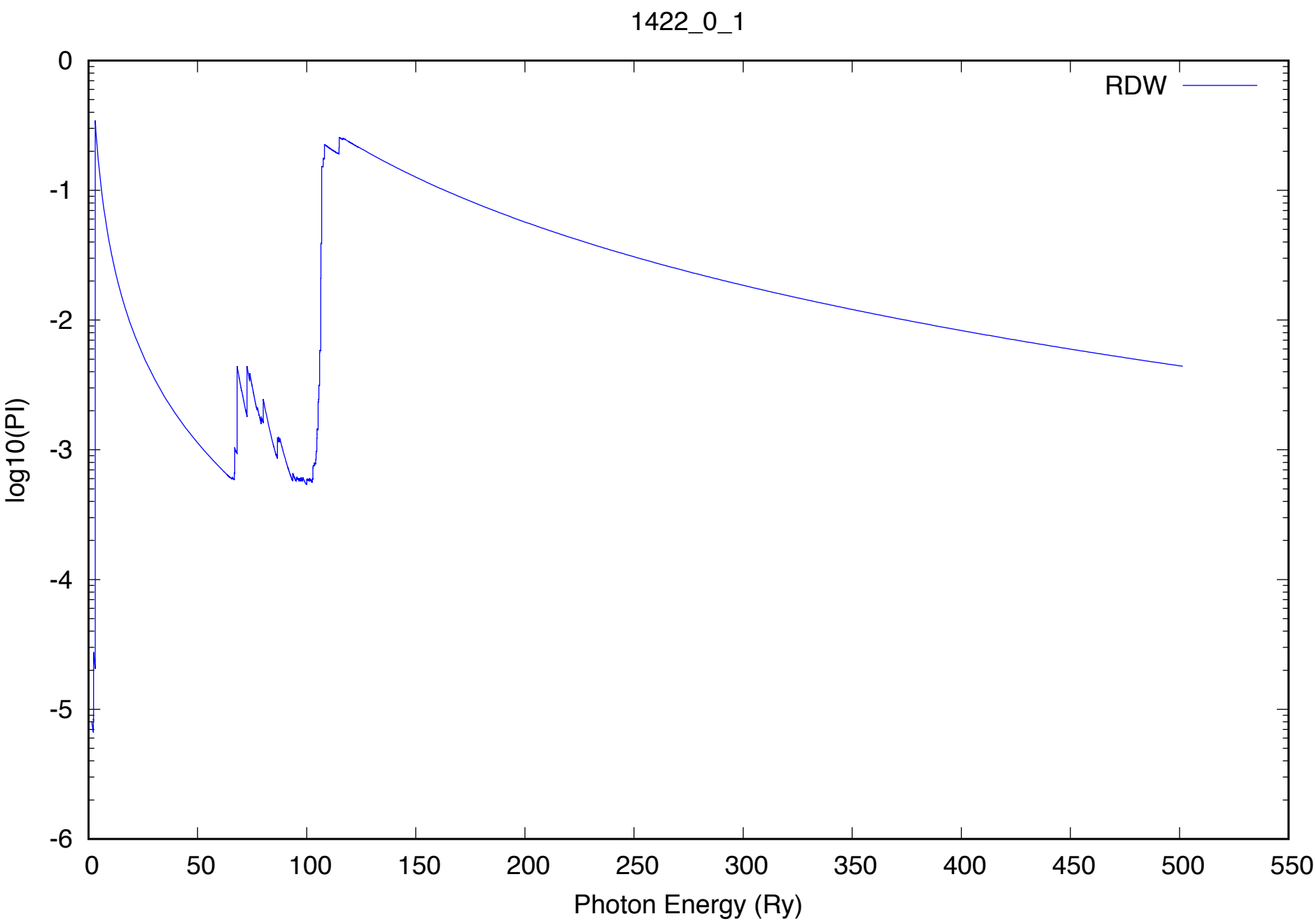

1417_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

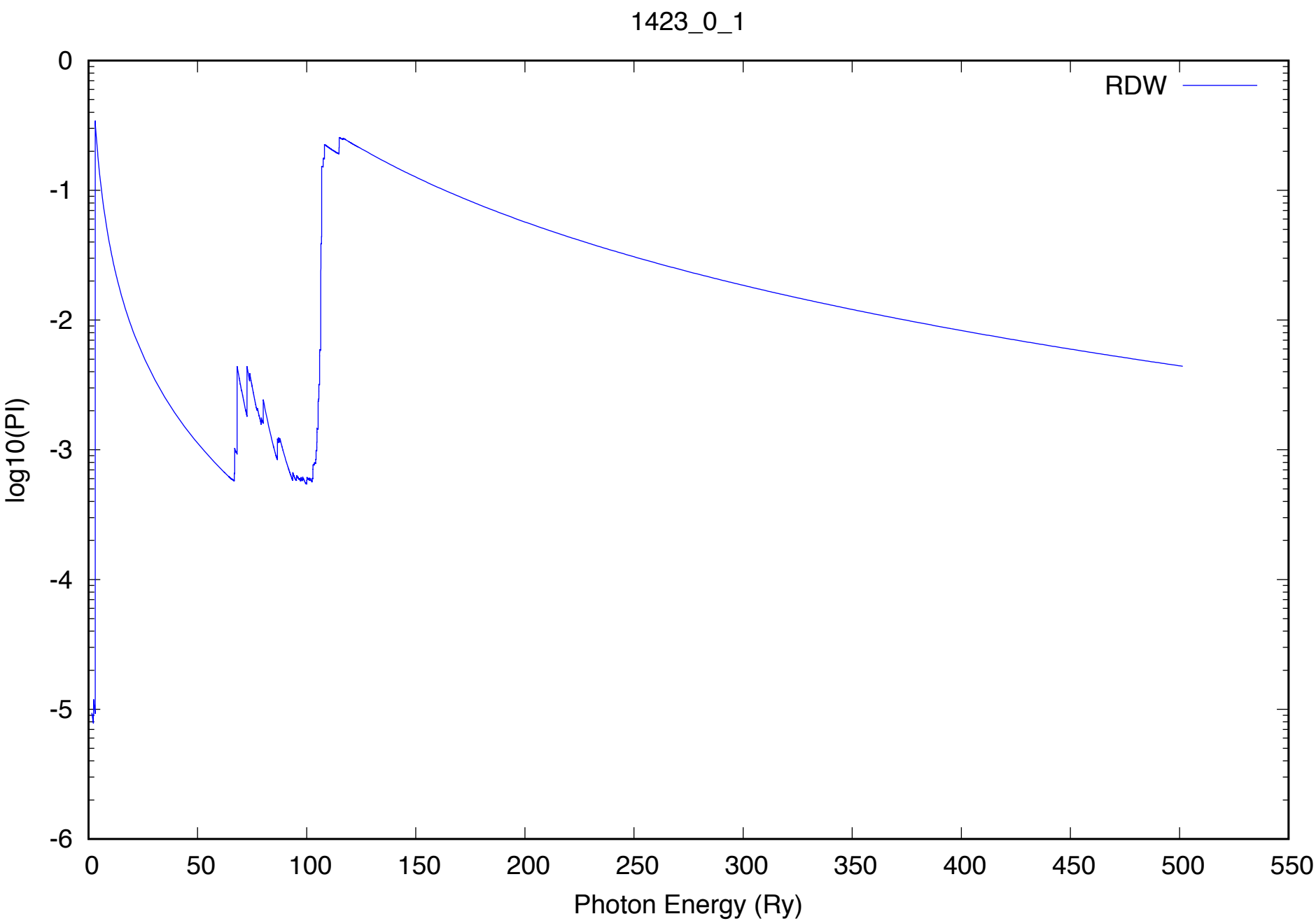

1418_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

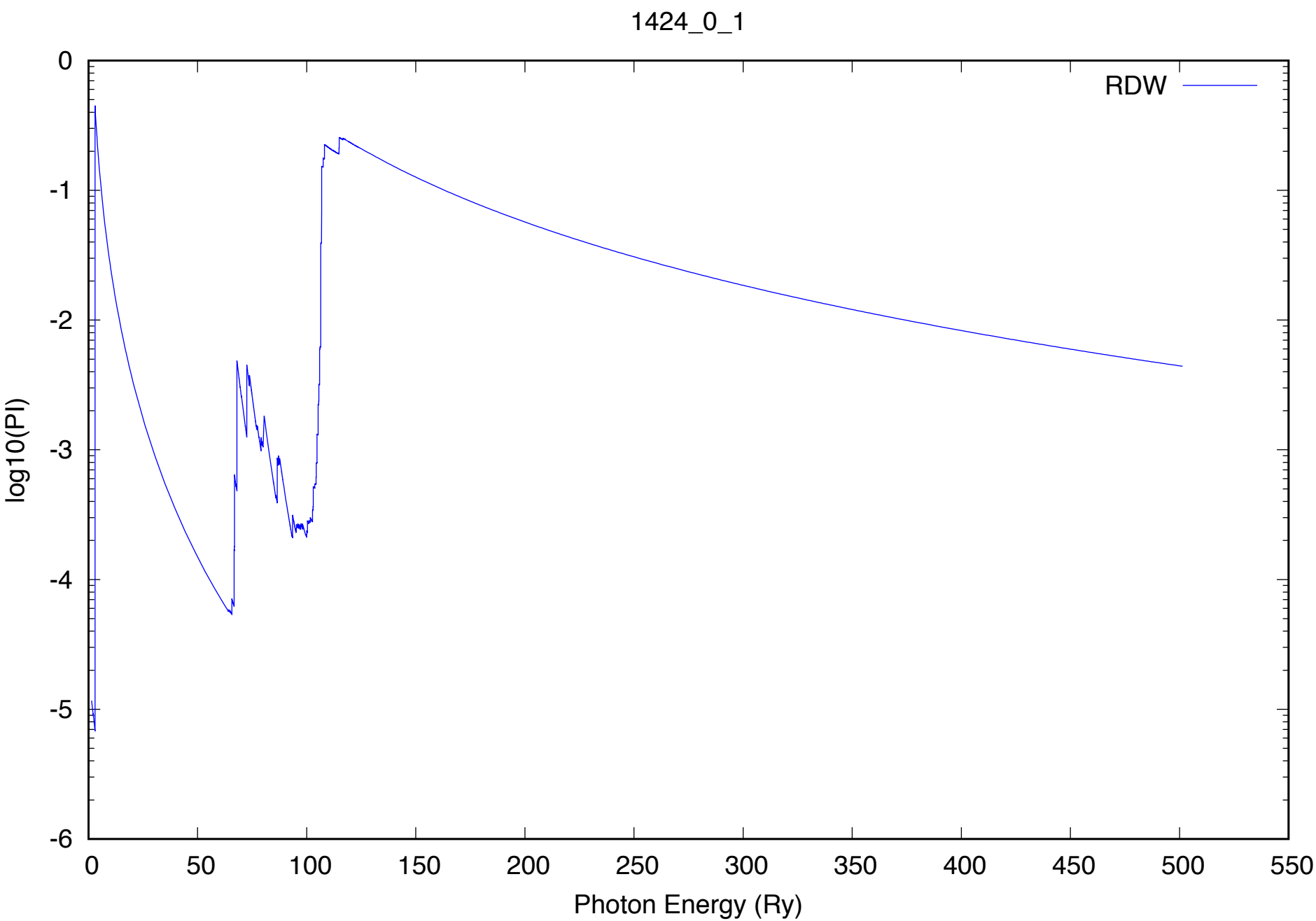

1419_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

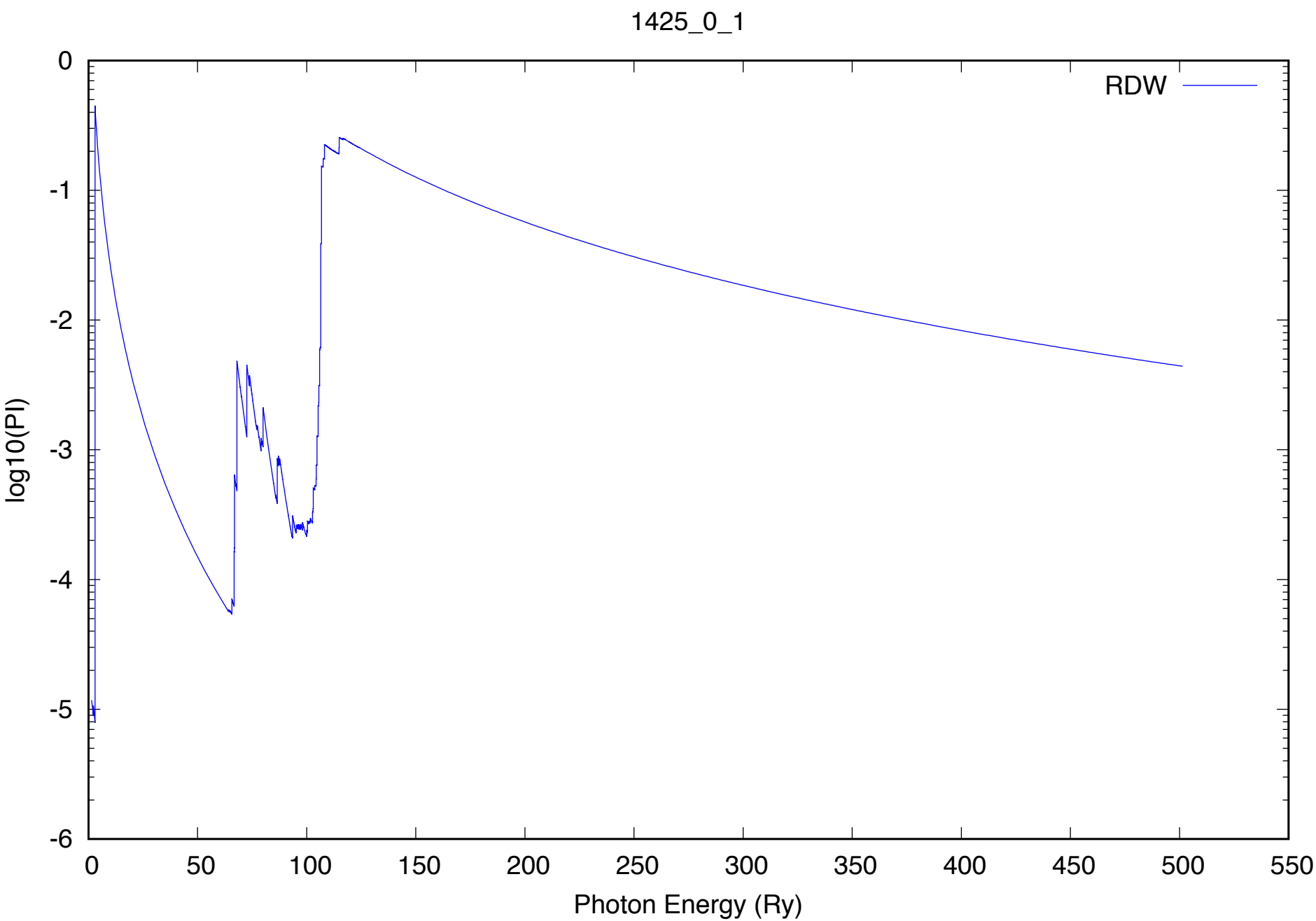

1420_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

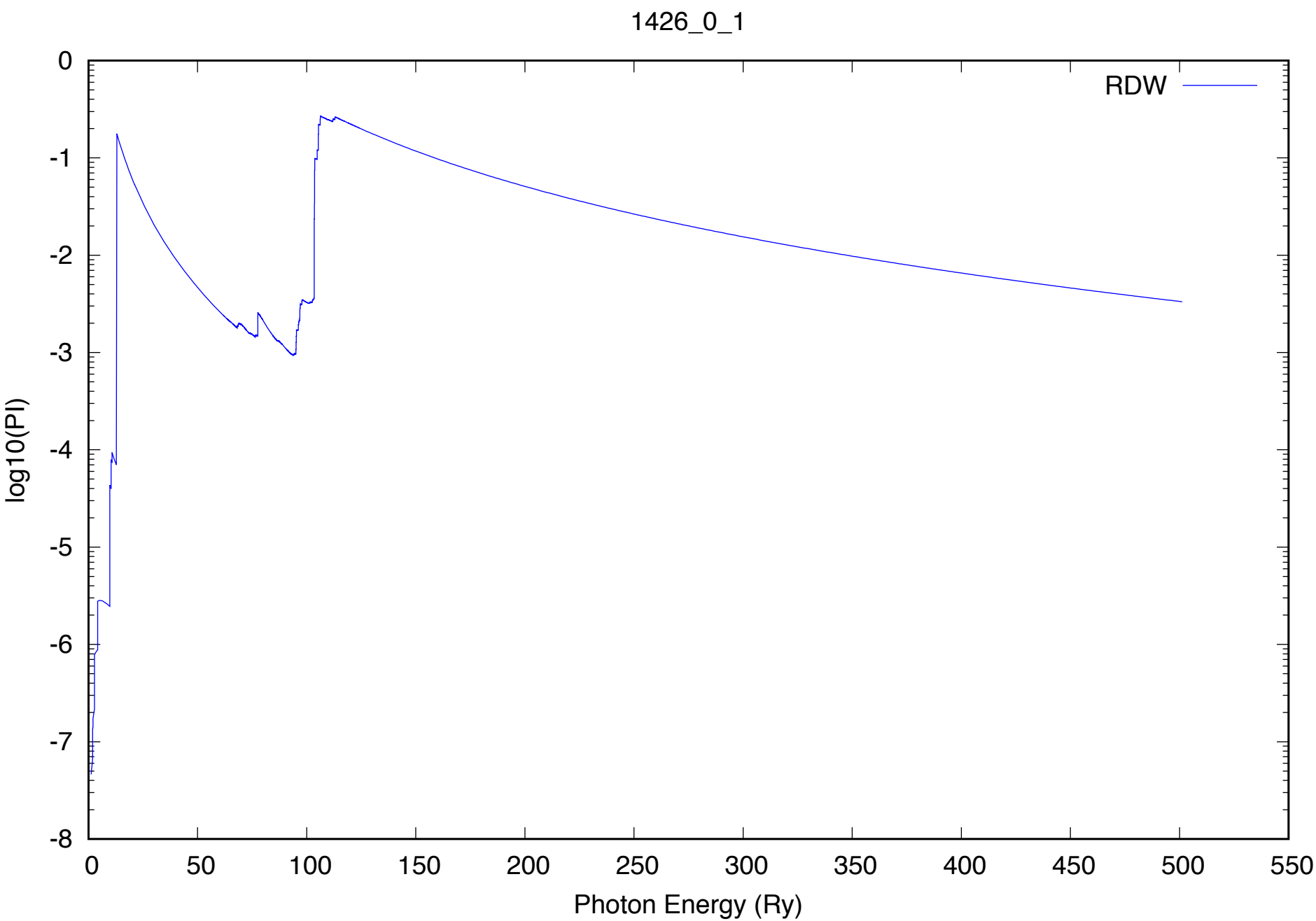

1421_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

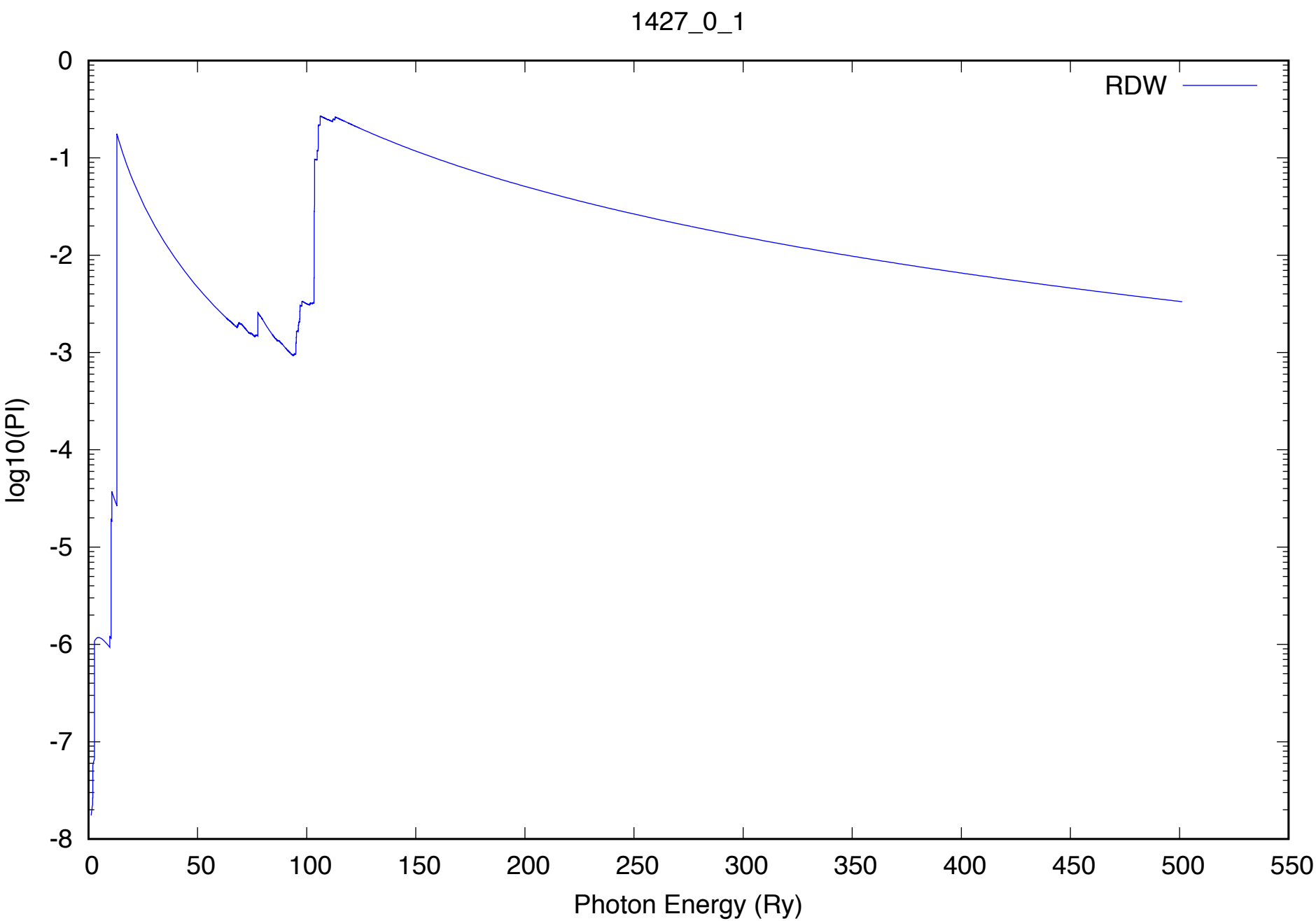

1422_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

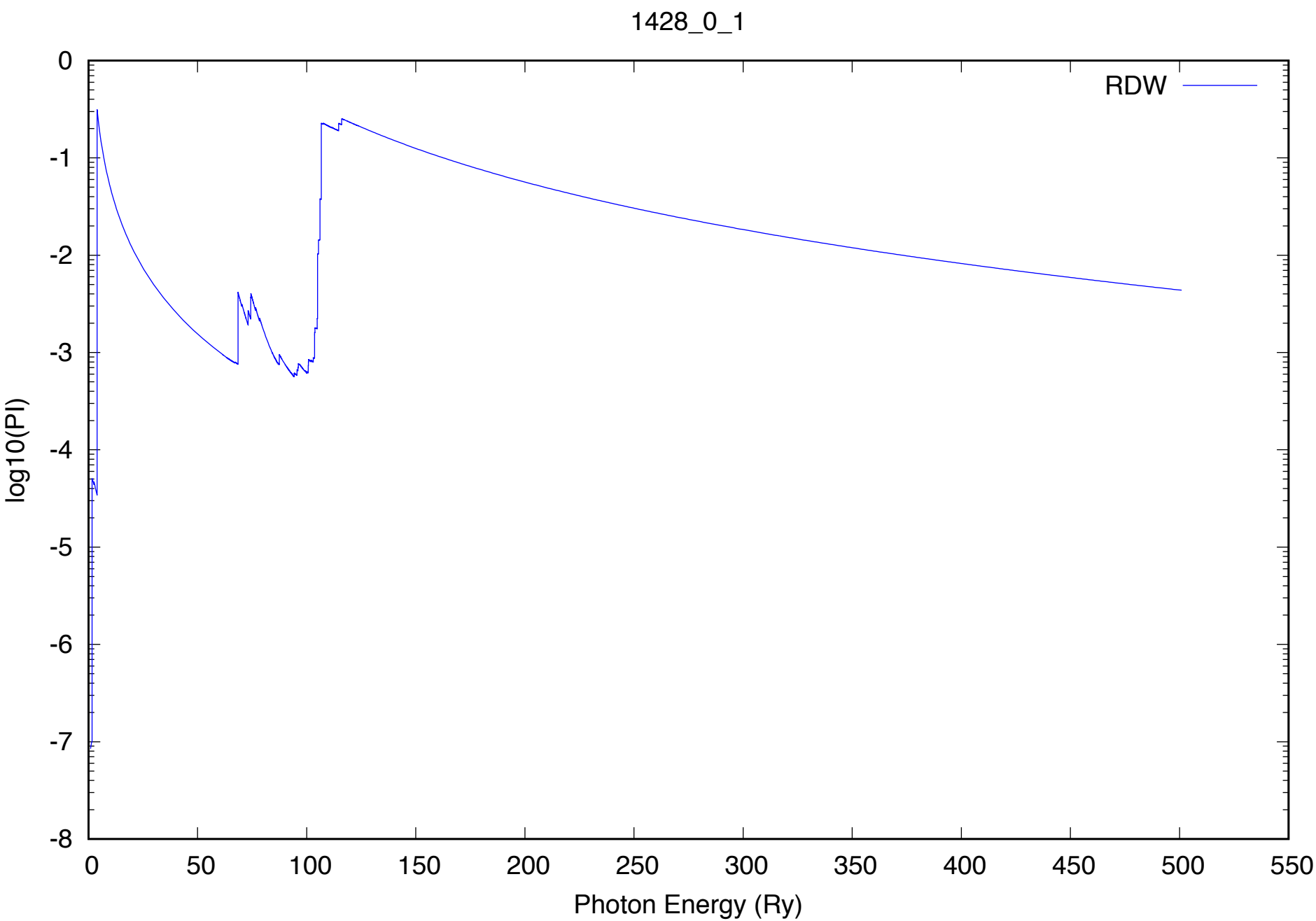

1423_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

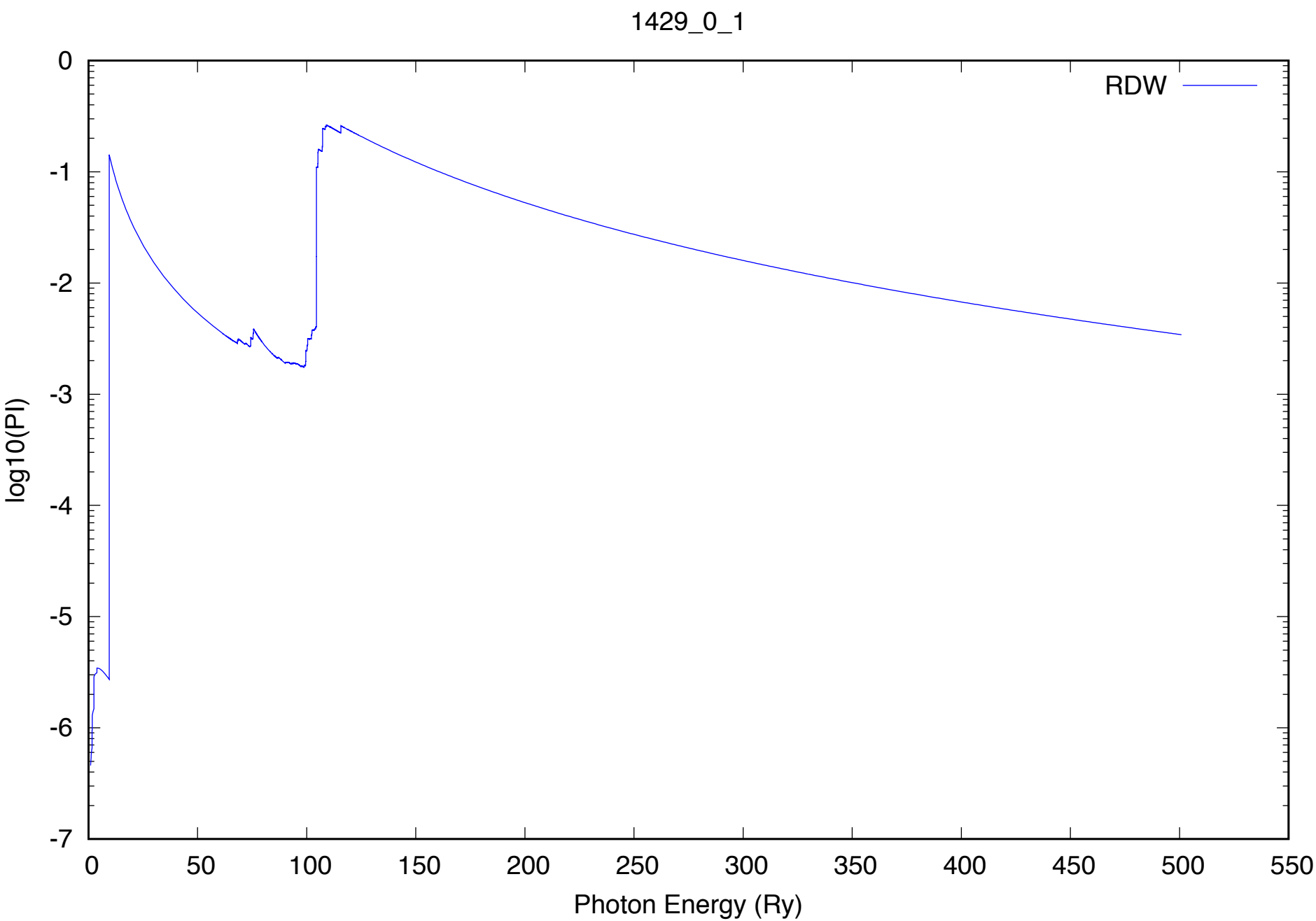

1424_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

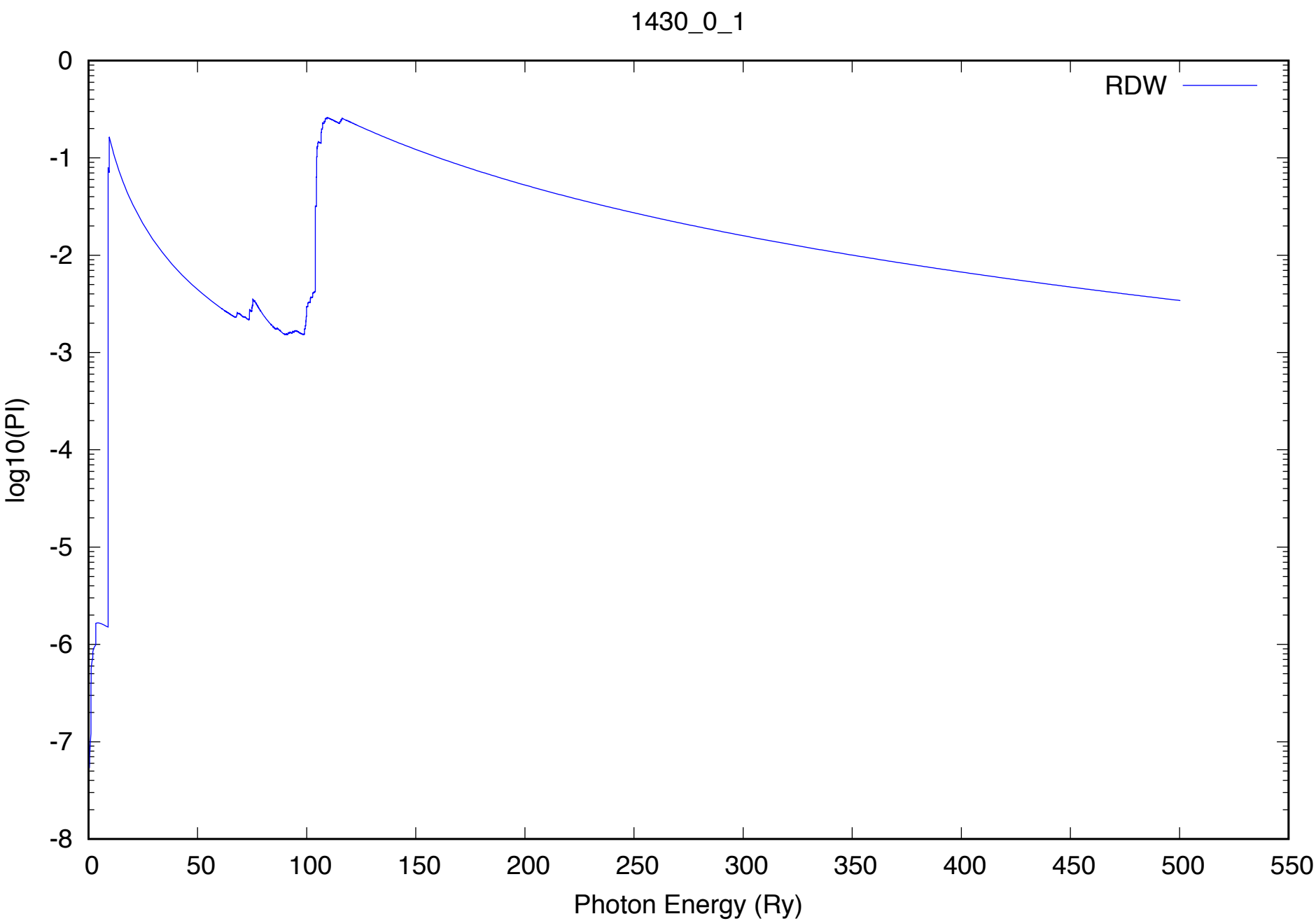

1425_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1426_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1427_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1428_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1429_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1430_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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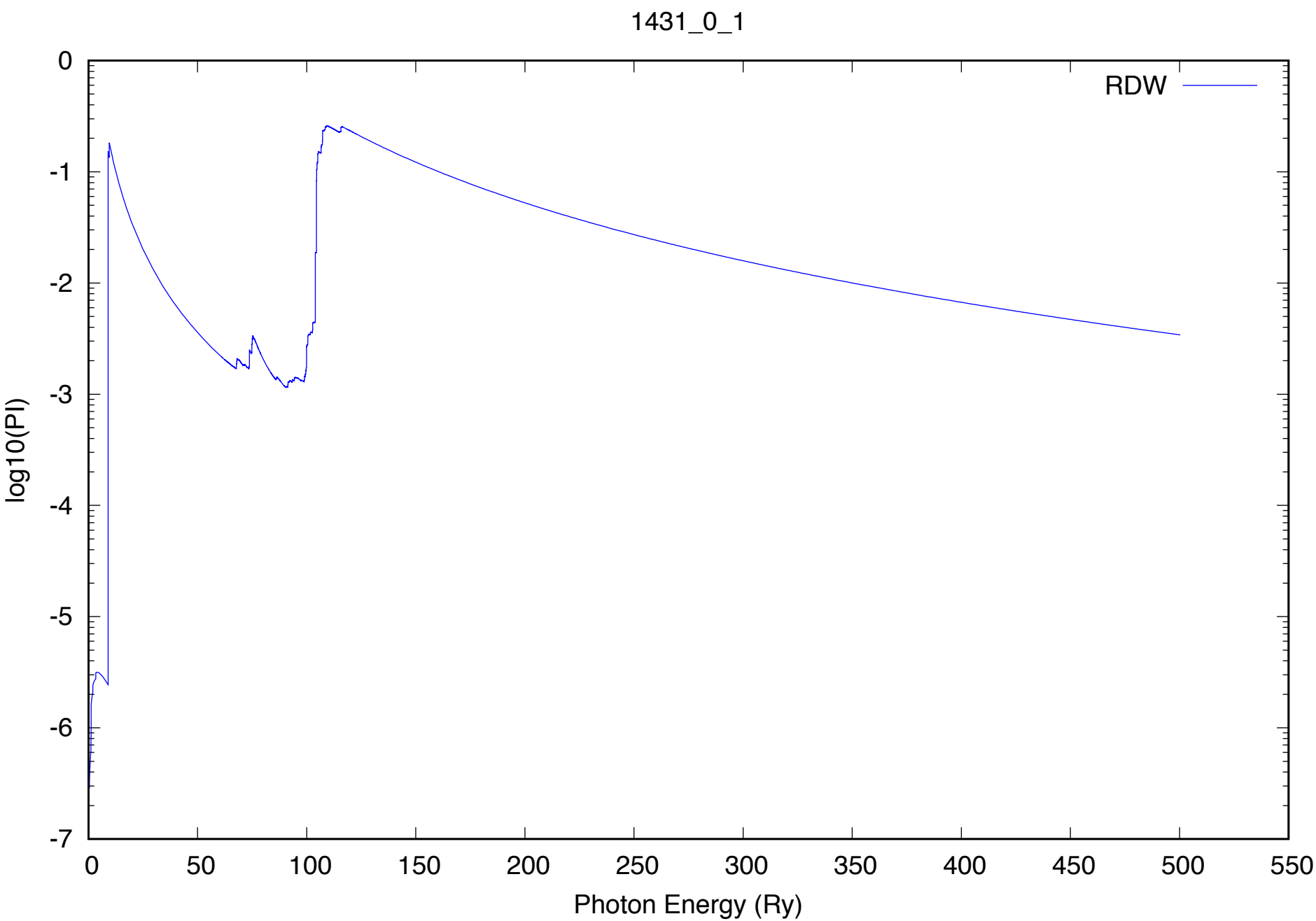
100
150
200
250
300
350
400
450
500
550


1431_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
-6
-7
0
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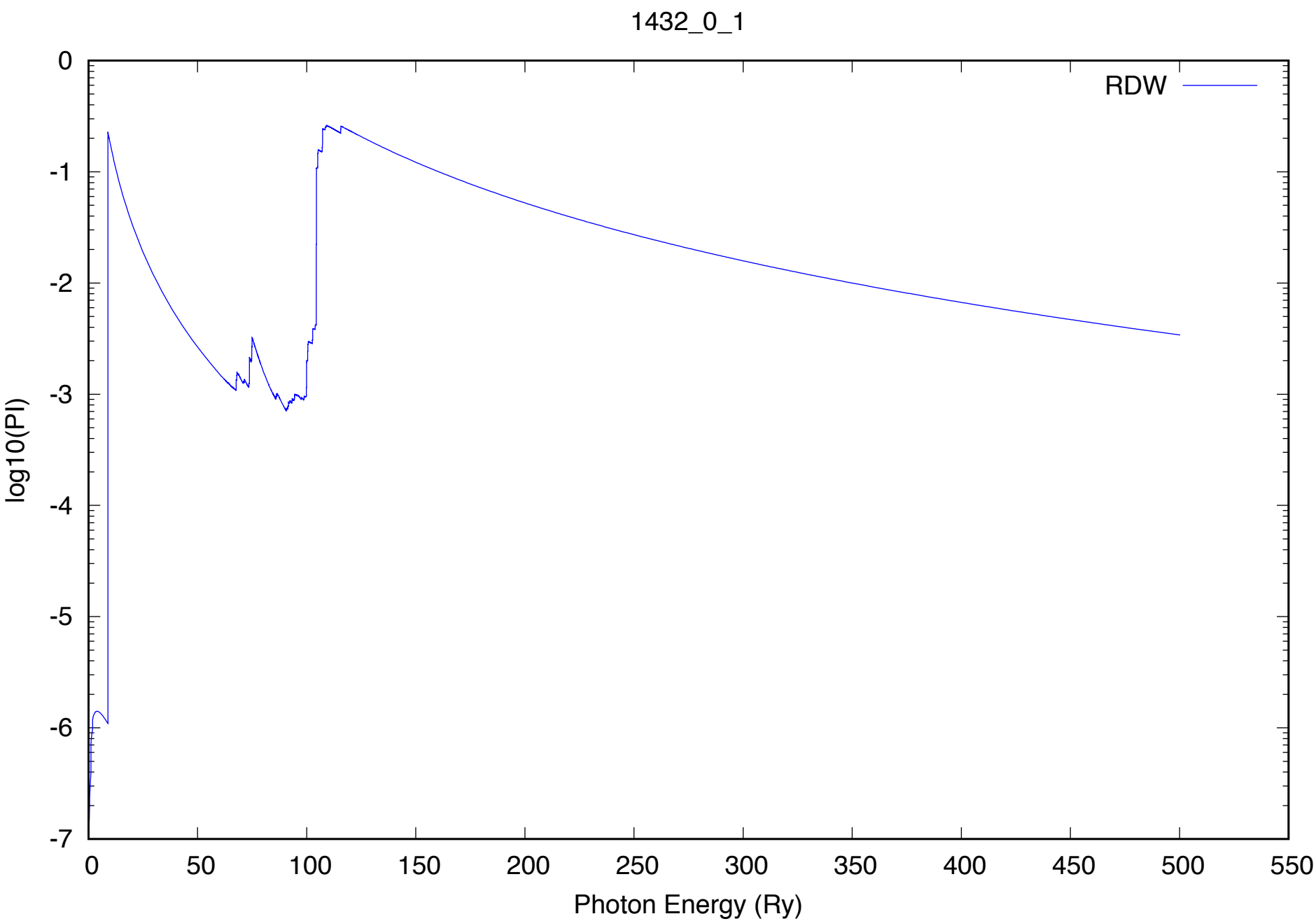
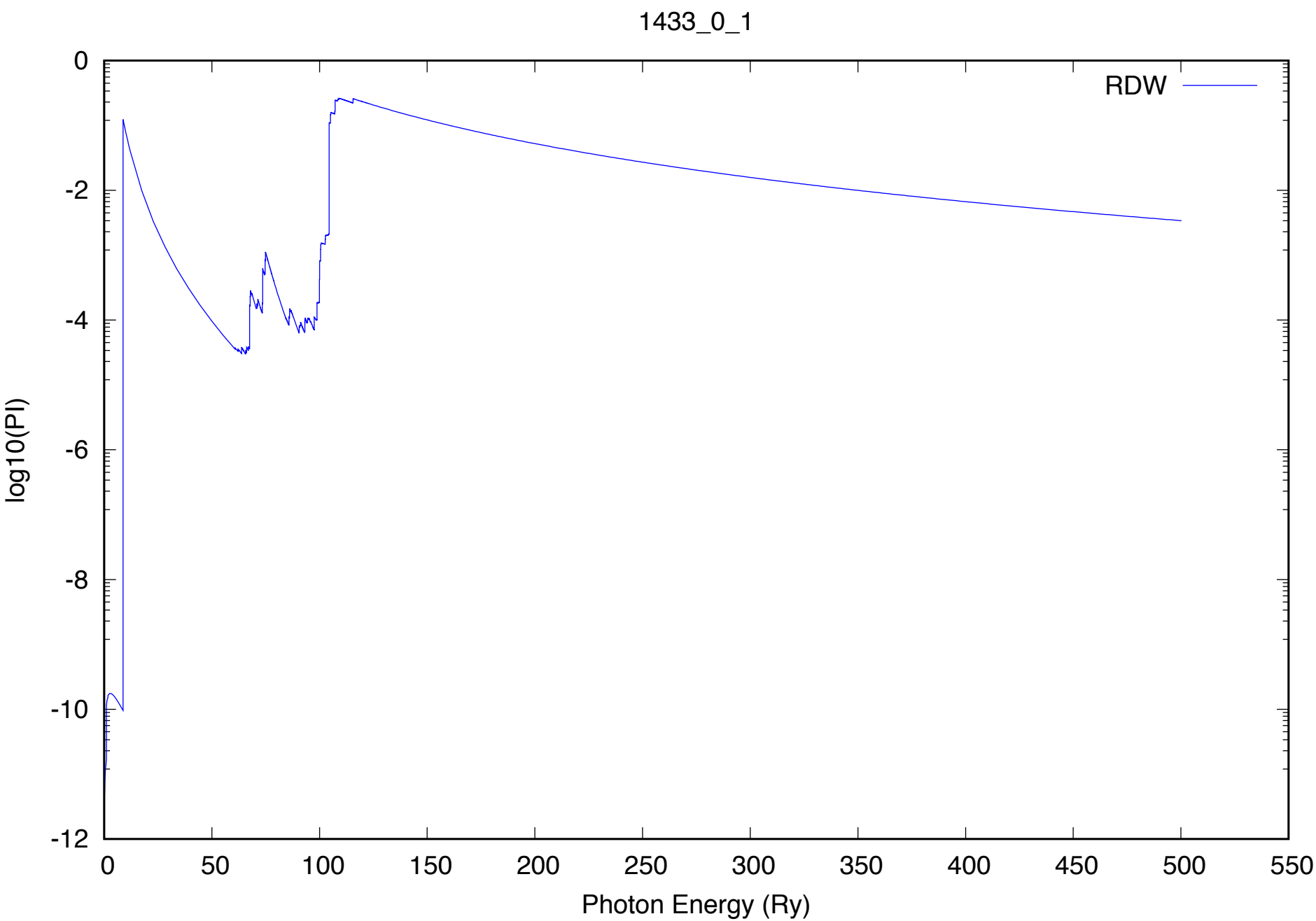
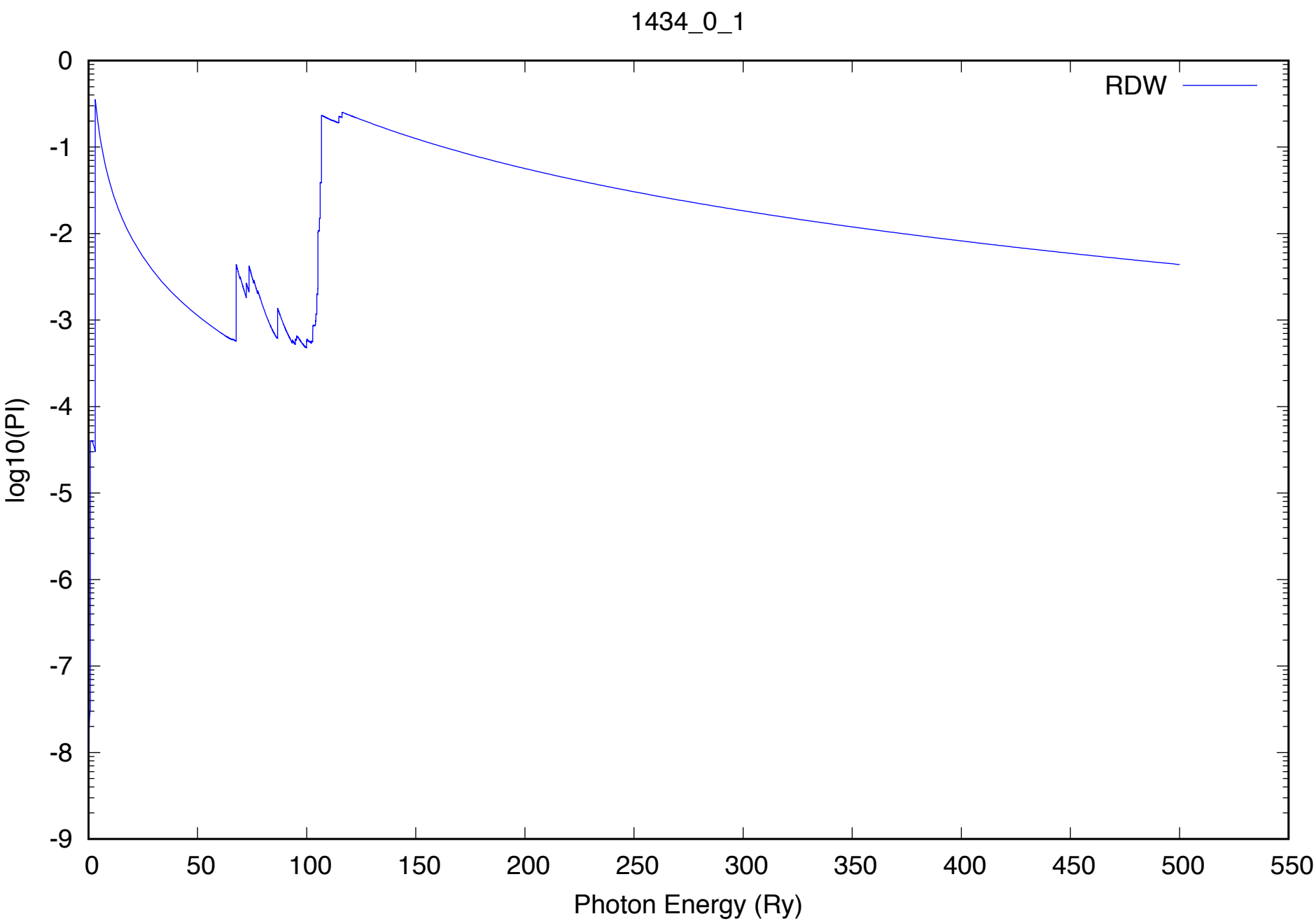
100
150
200
250
300
350
400
450
500
550


1432_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1433_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1434_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
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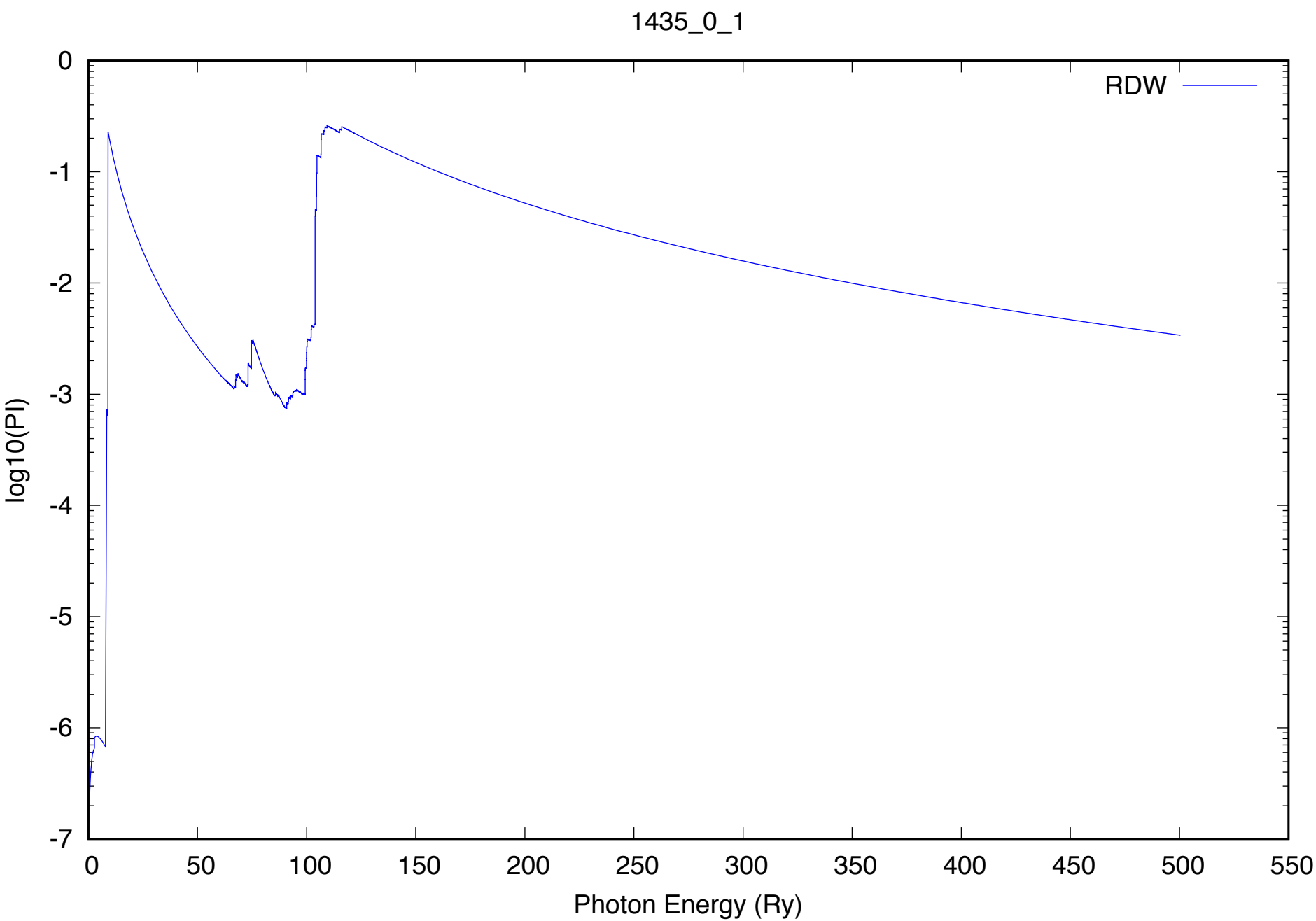
500
550


1435_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
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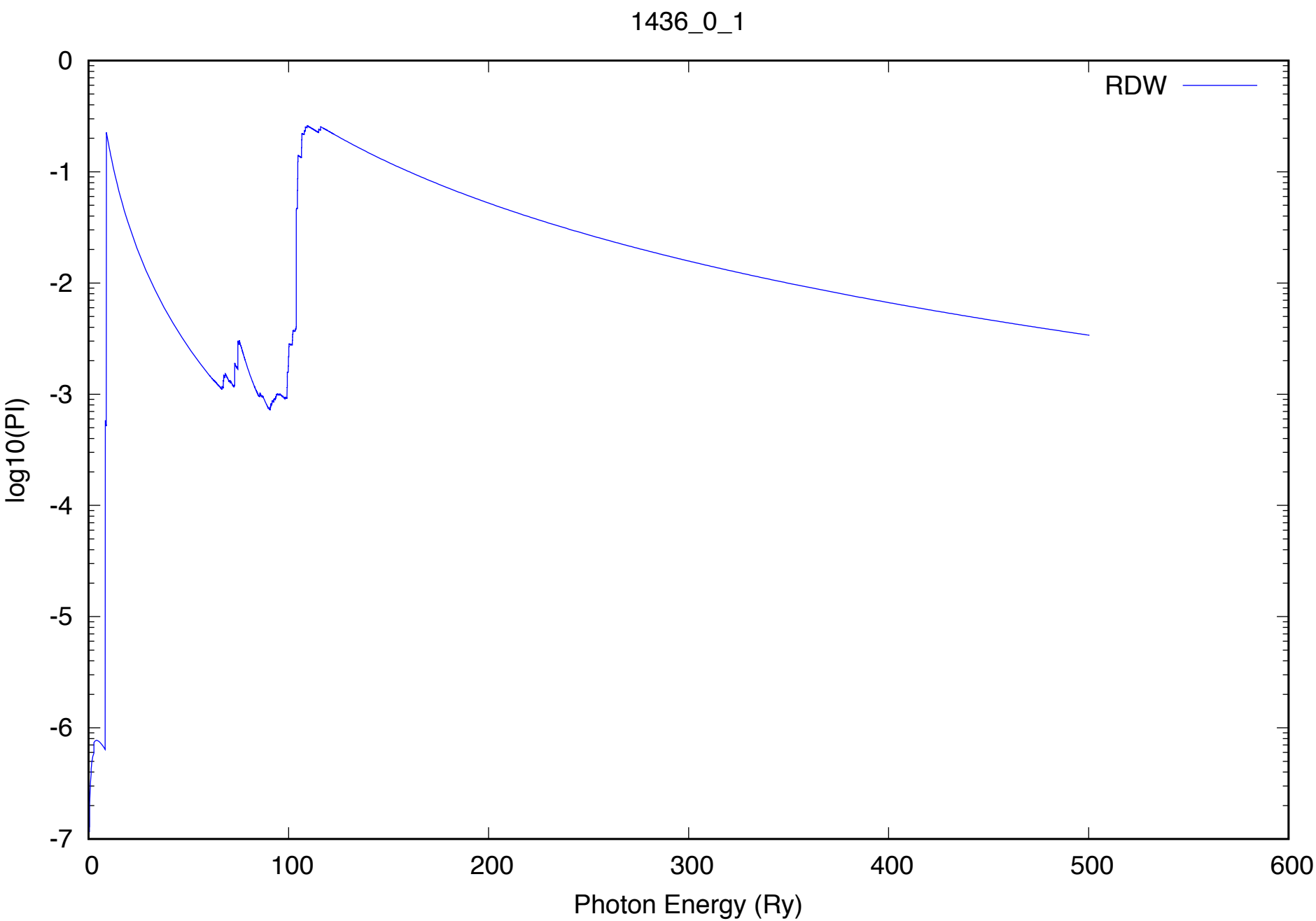
100
150
200
250
300
350
400
450
500
550


1436_0_1
RDW
log10(PI)
Photon Energy (Ry)
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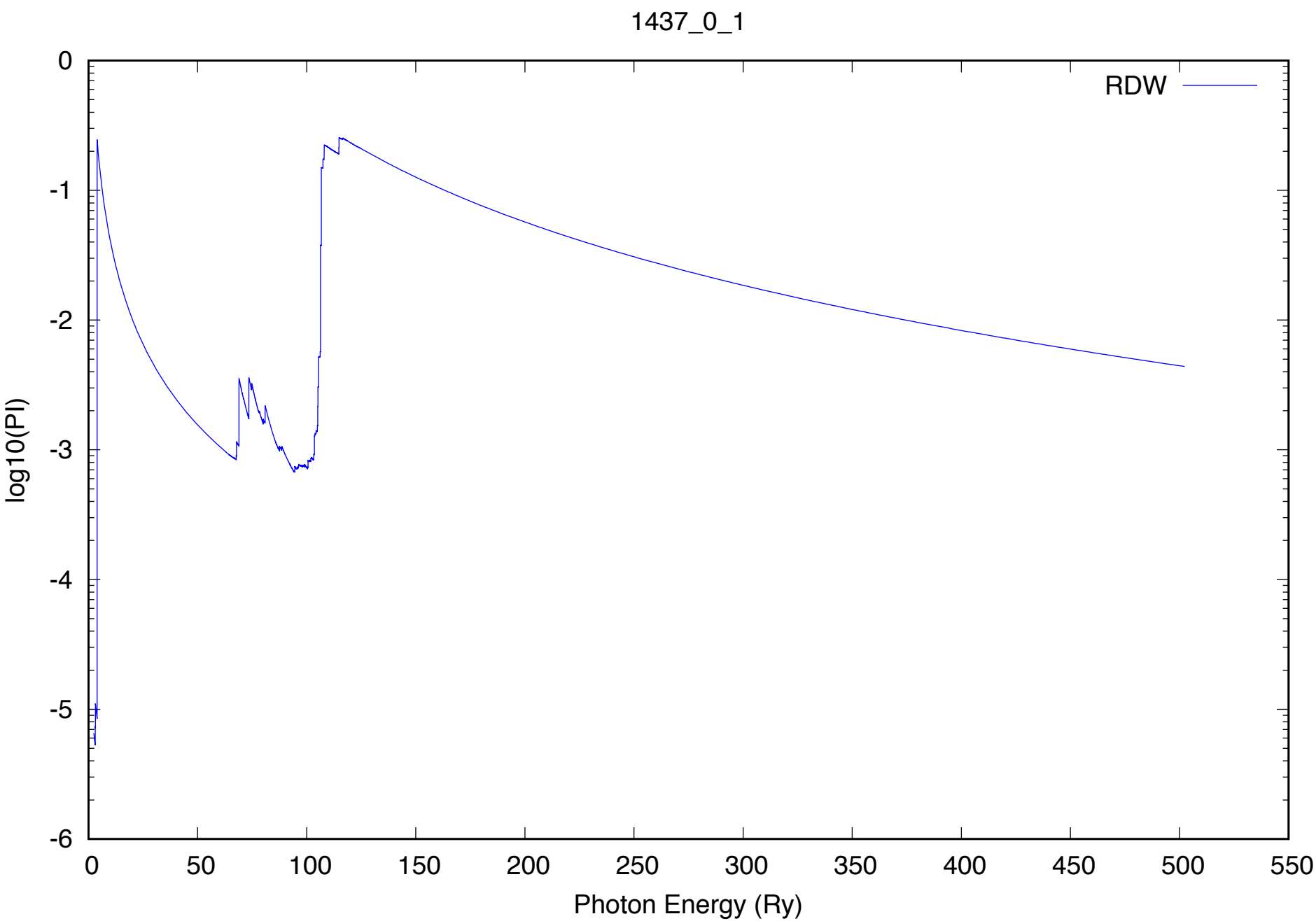
-1
-2
-3
-4
-5
-6
-7
0
100
200
300
400
500
600


1437_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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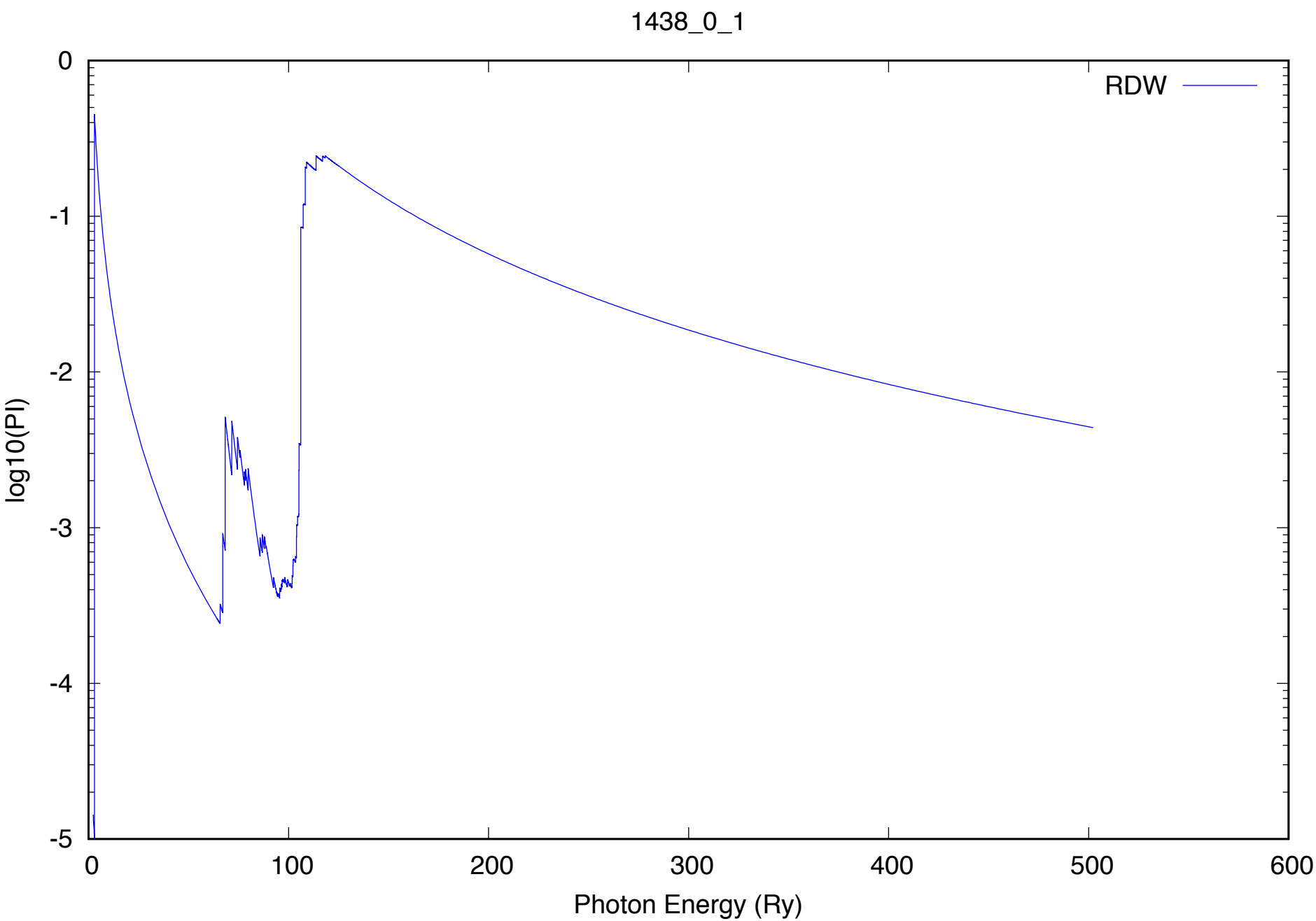
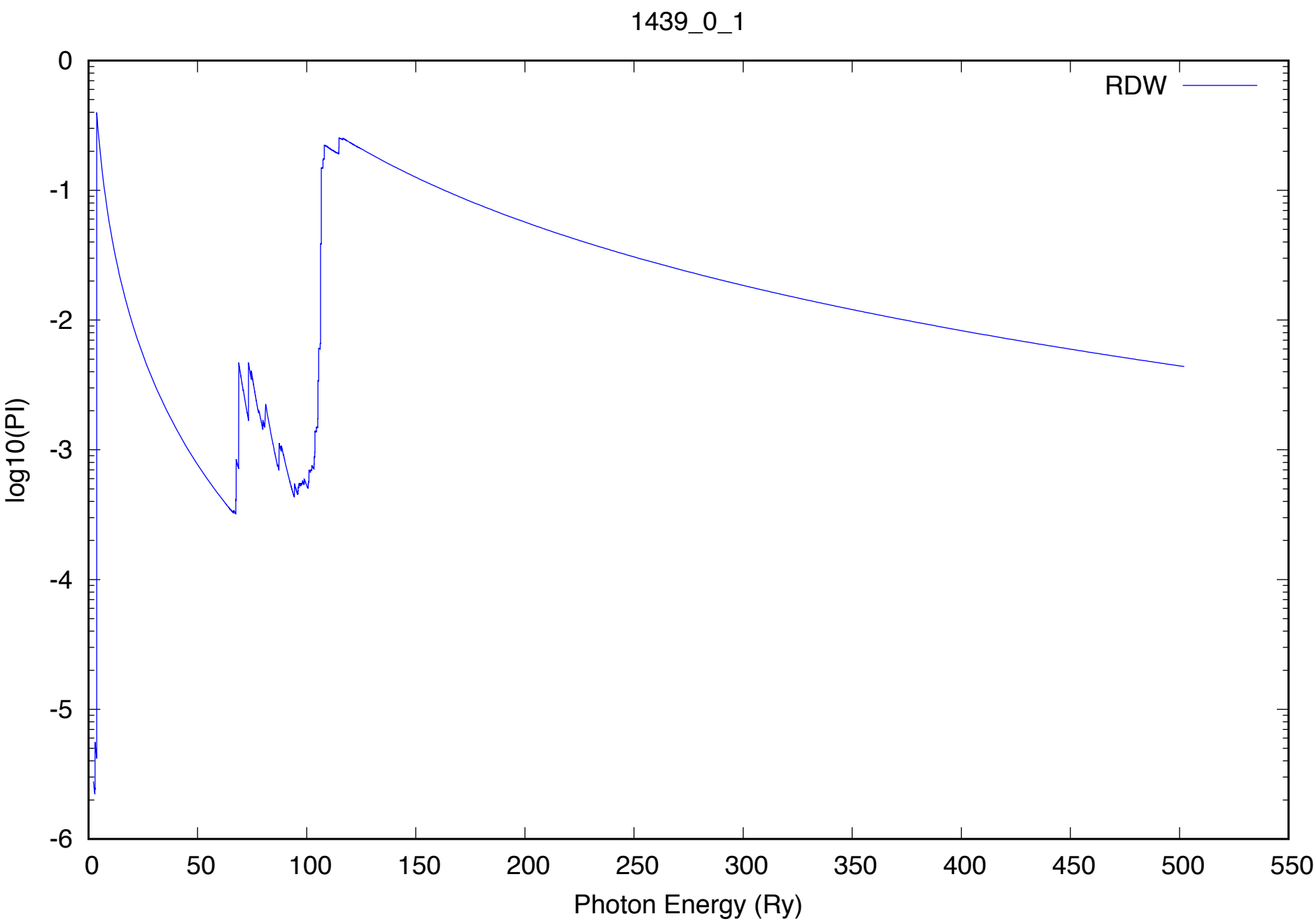
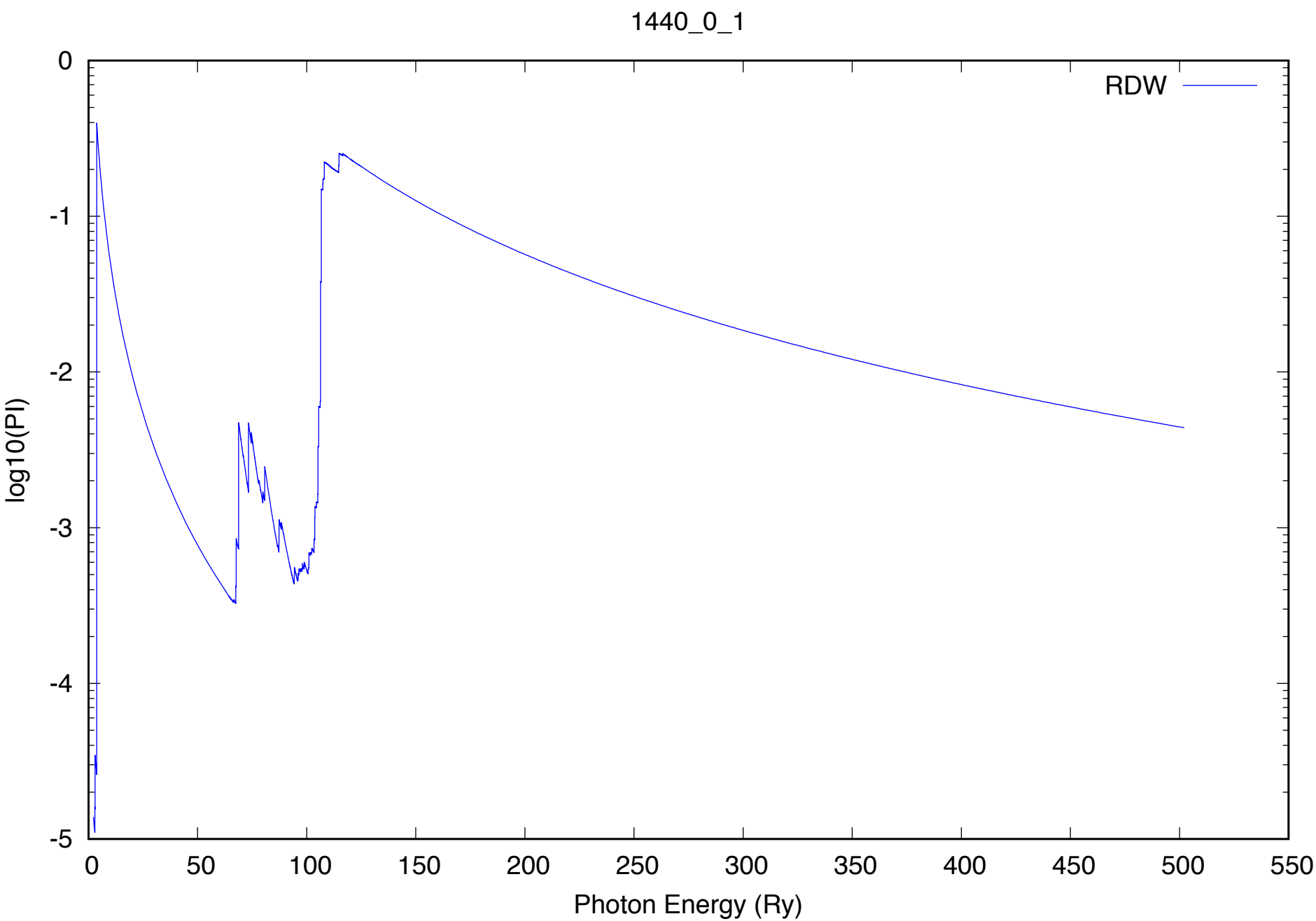
100
150
200
250
300
350
400
450
500
550


1438_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
100
200
300
400
500
600


1439_0_1
RDW
log10(PI)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1440_0_1
RDW
log10(PI)
Photon Energy (Ry)
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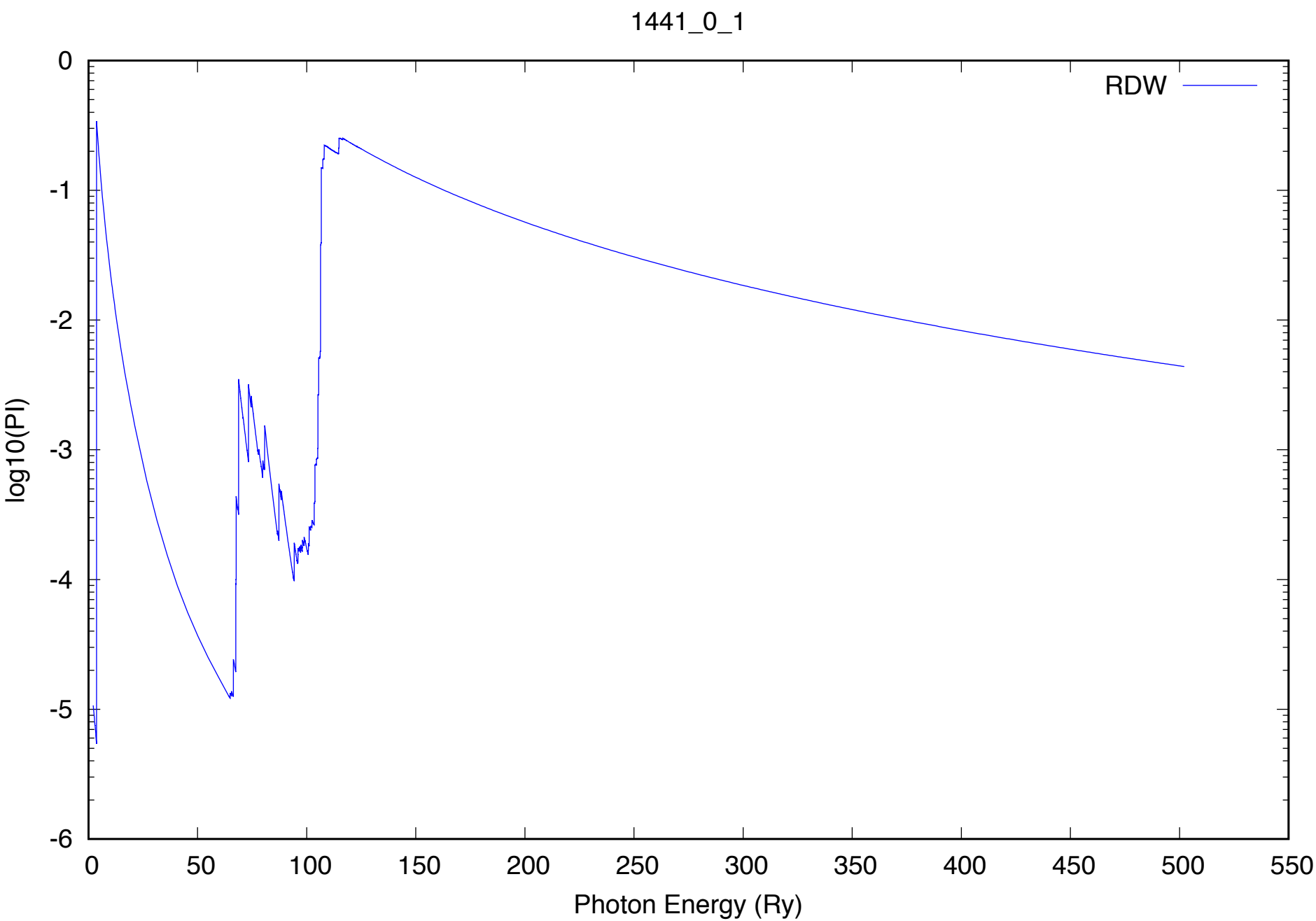
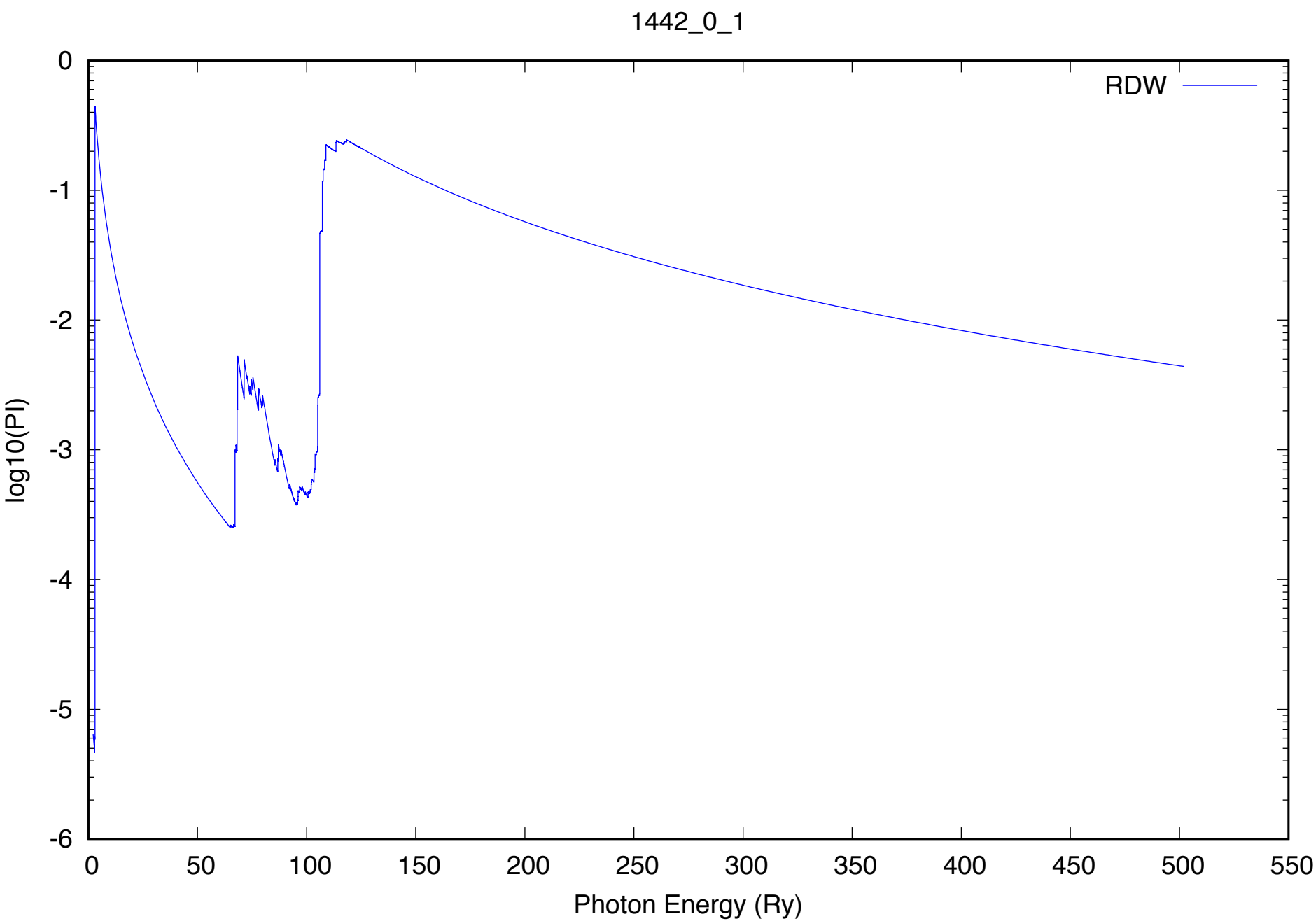
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500
550


1441_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1442_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
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400
450
500
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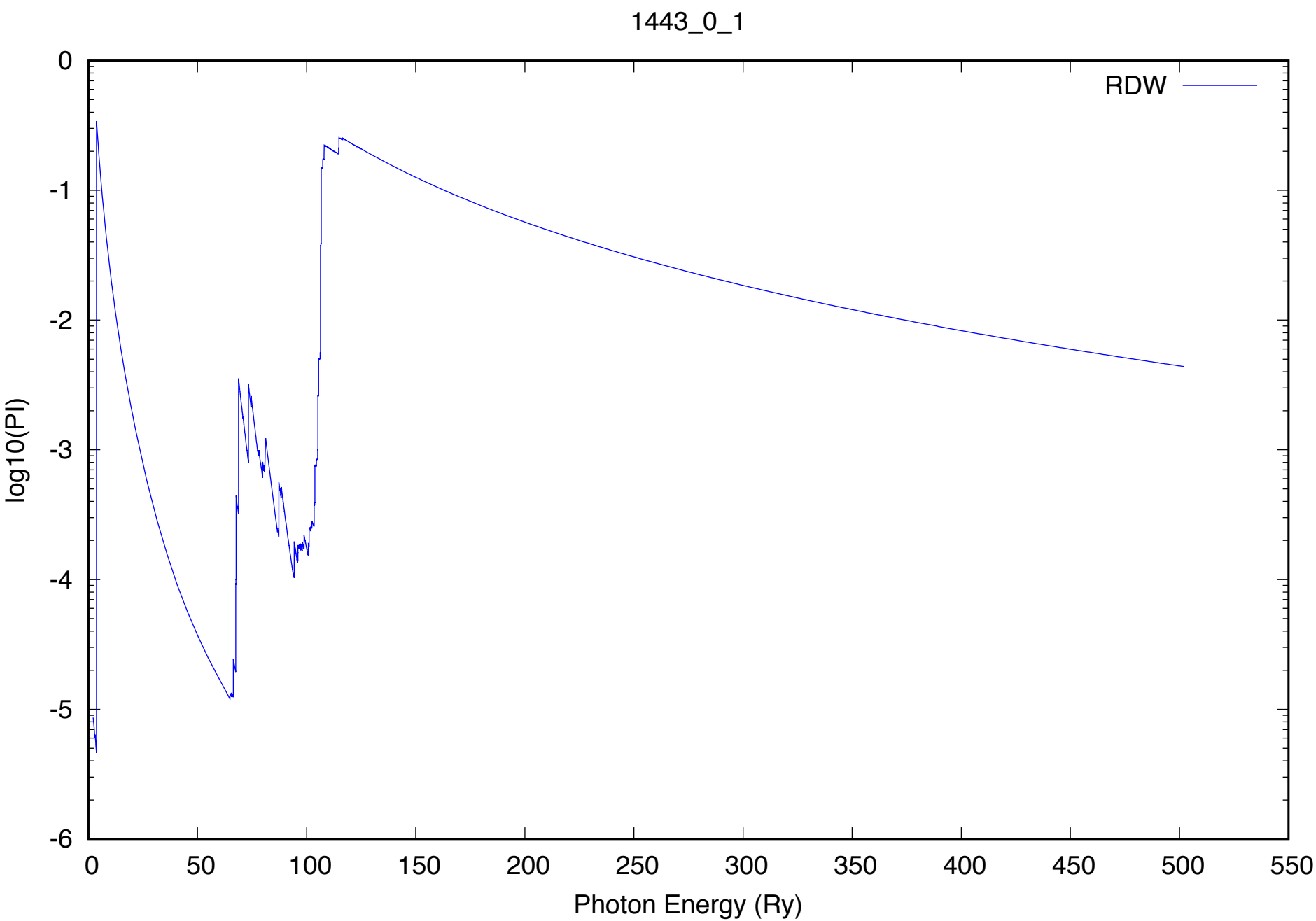
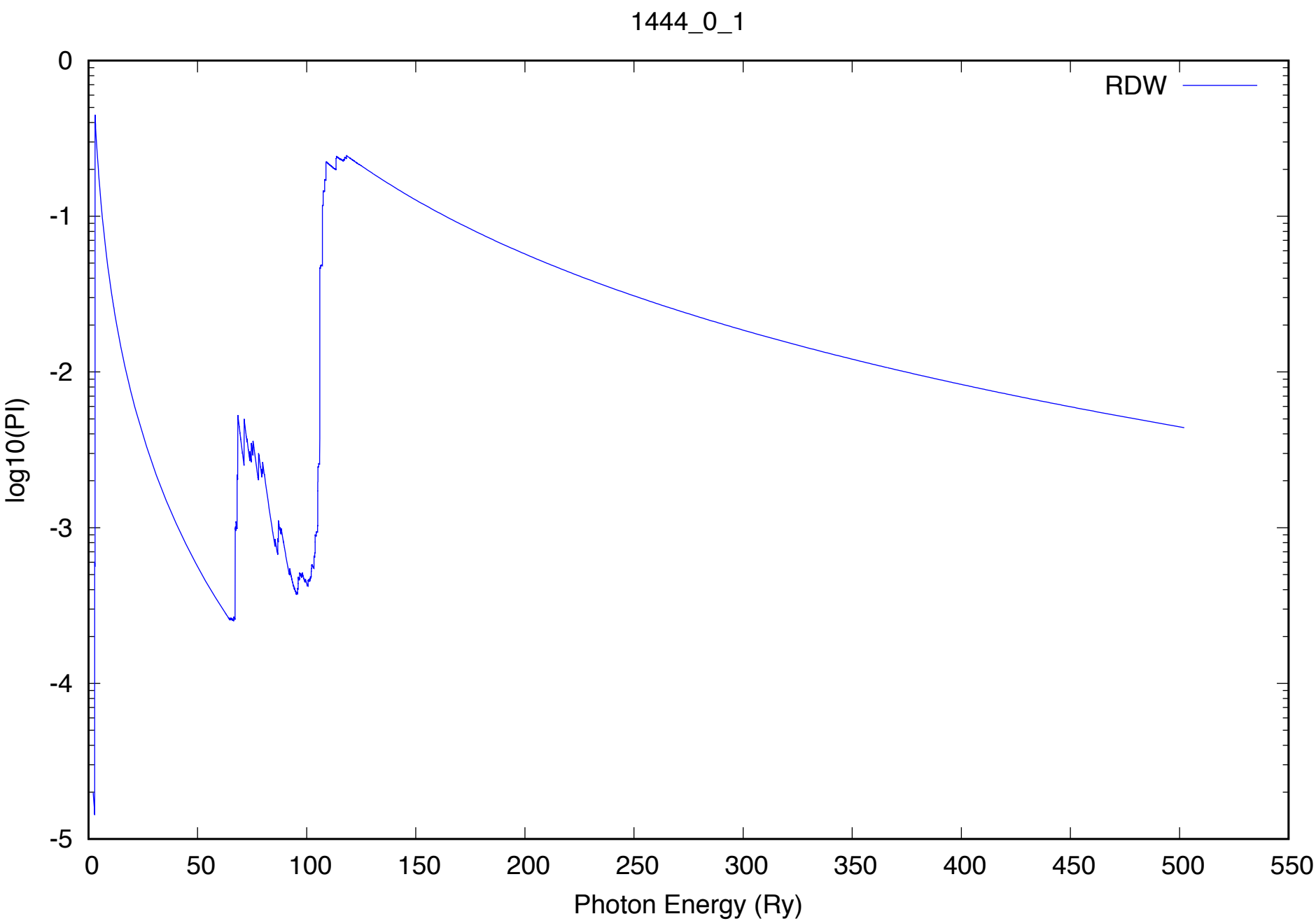
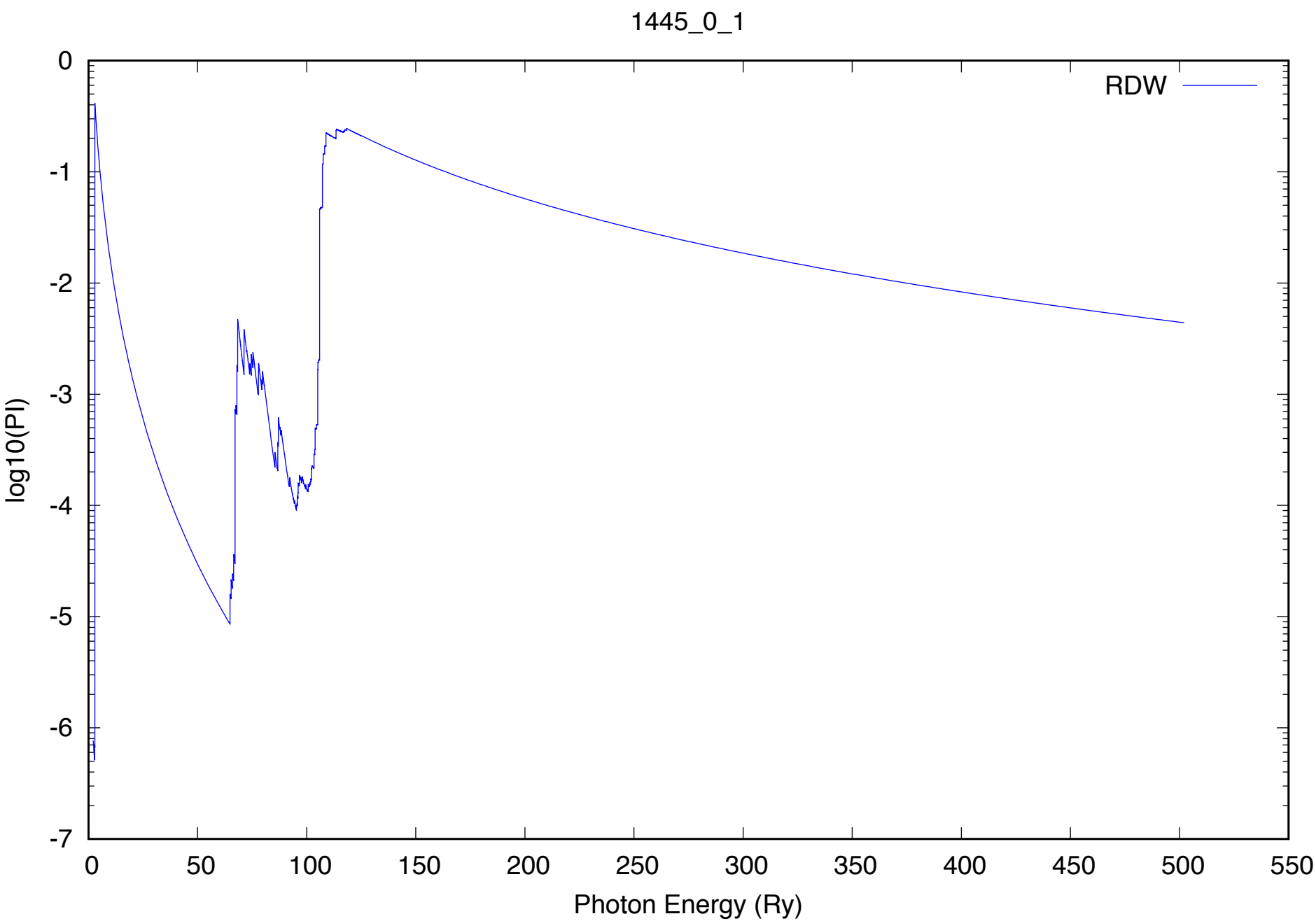
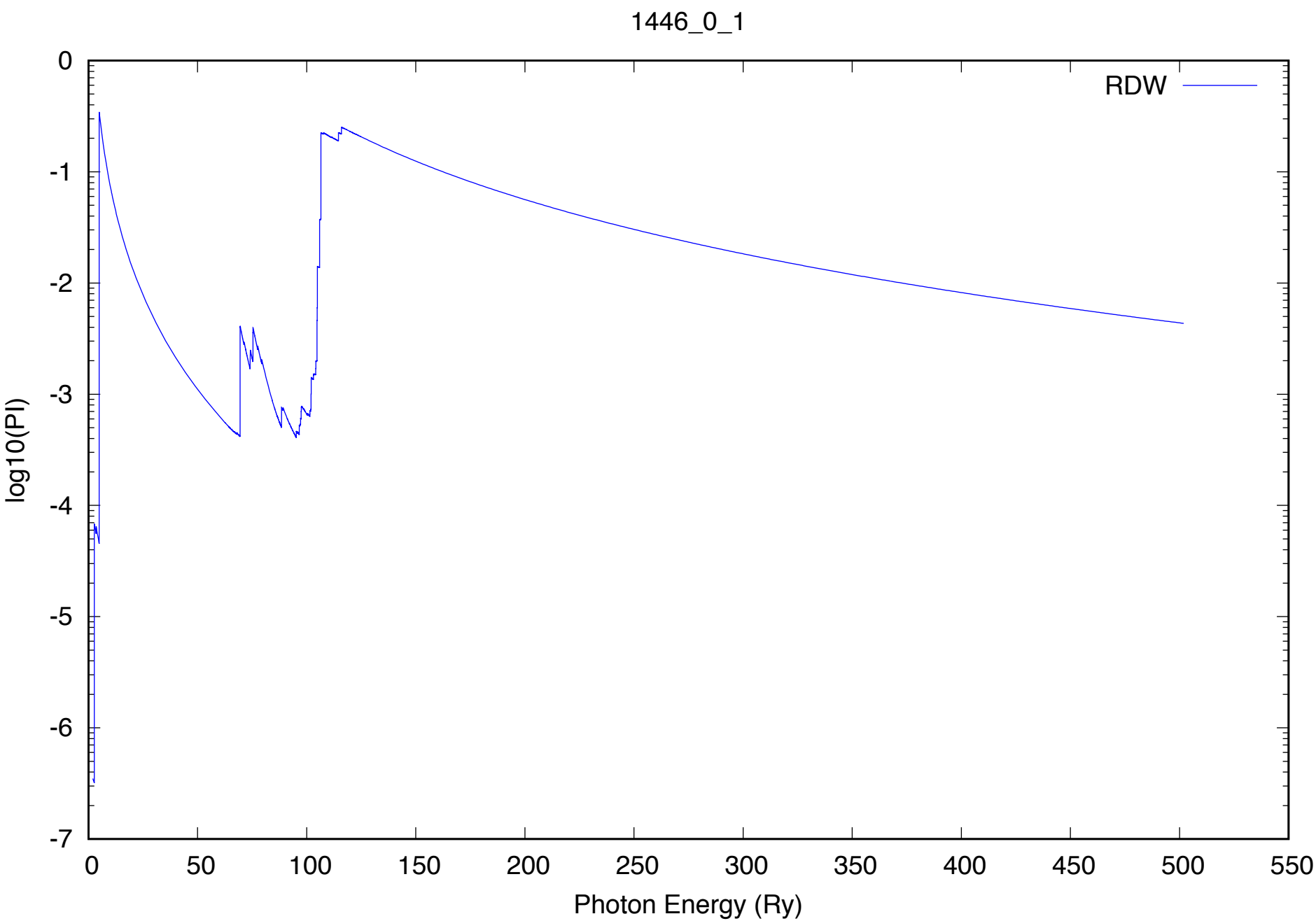
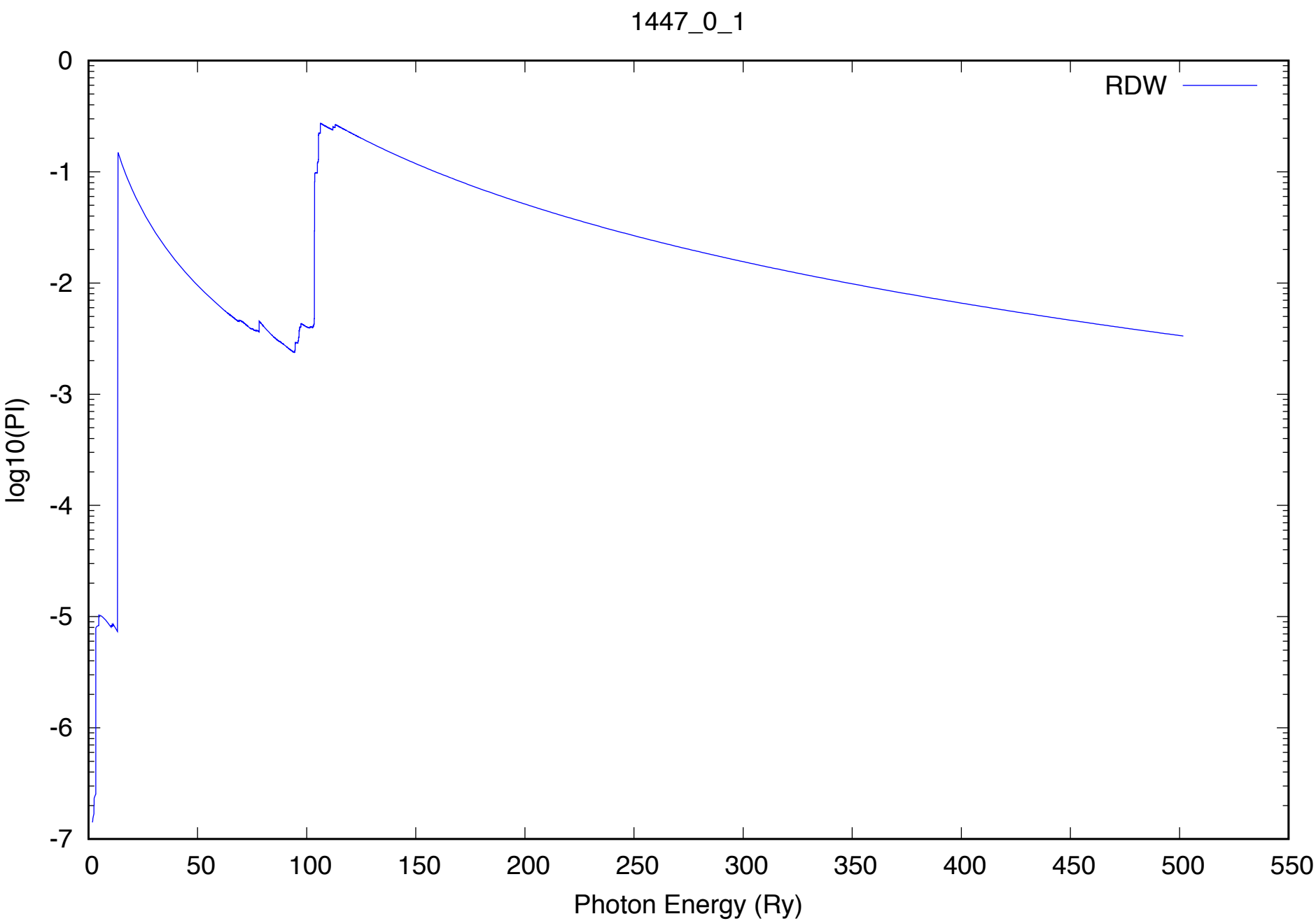
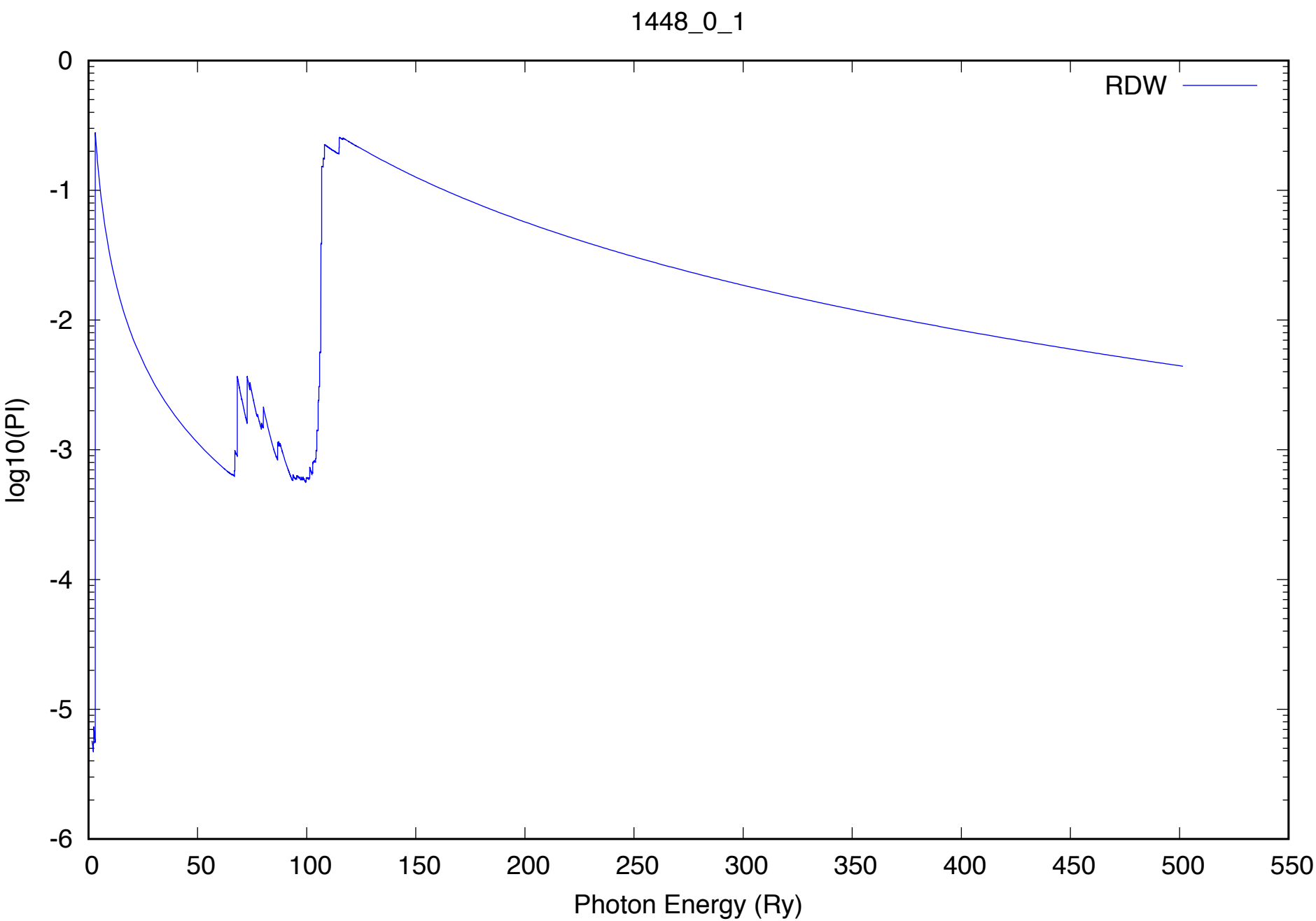

1443_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

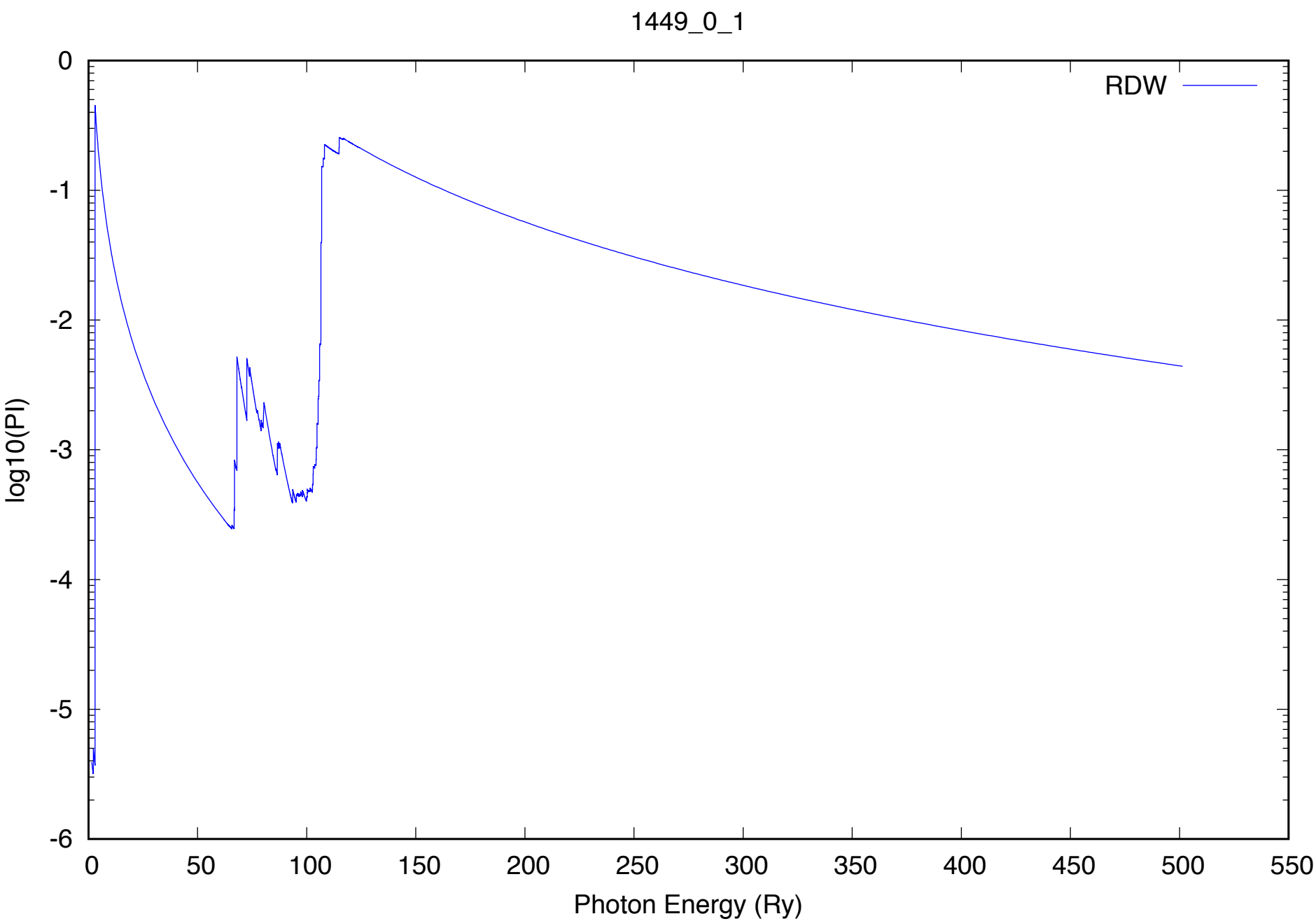

1444_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
0
50
100
150
200
250
300
350
400
450
500
550

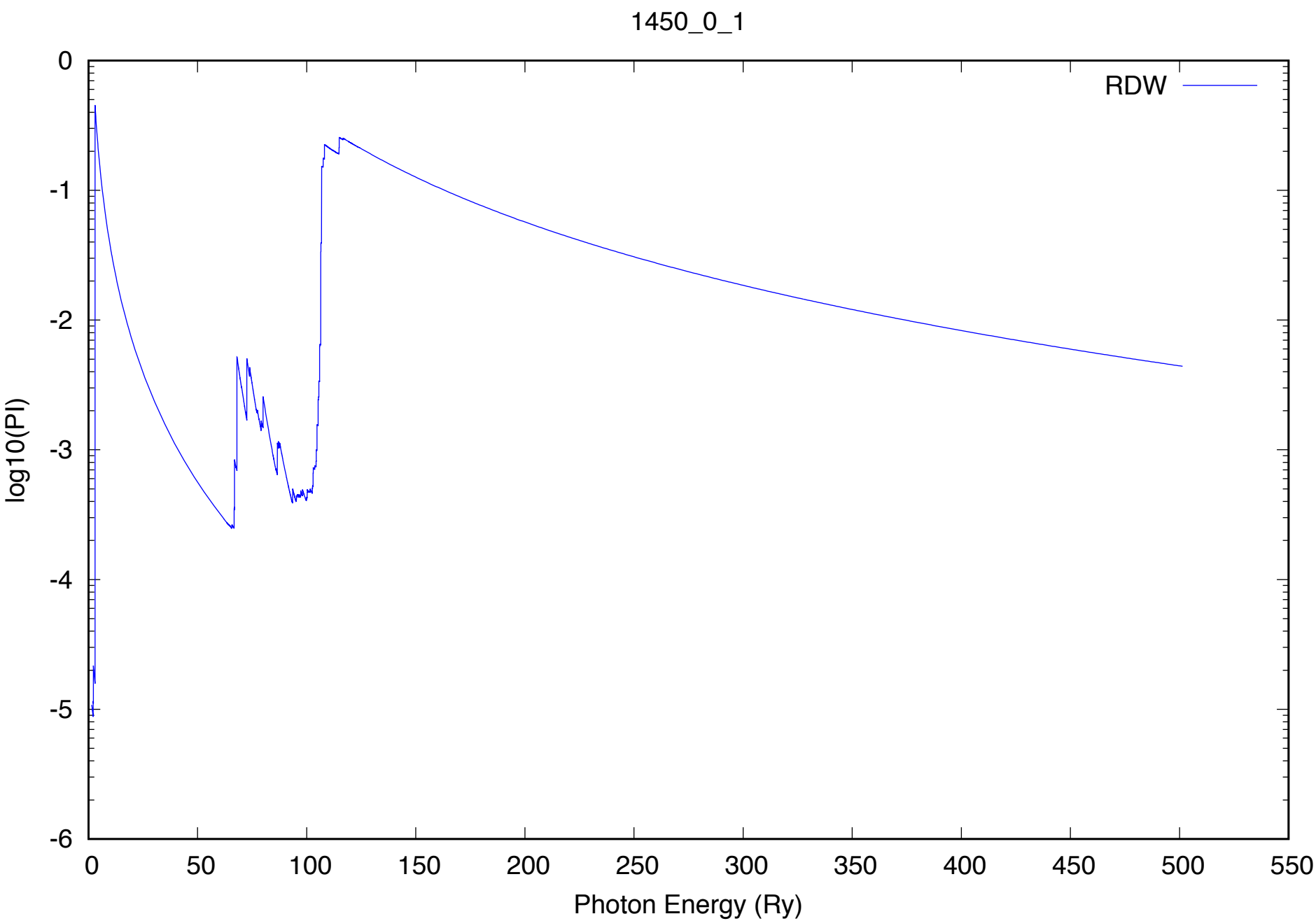

1445_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

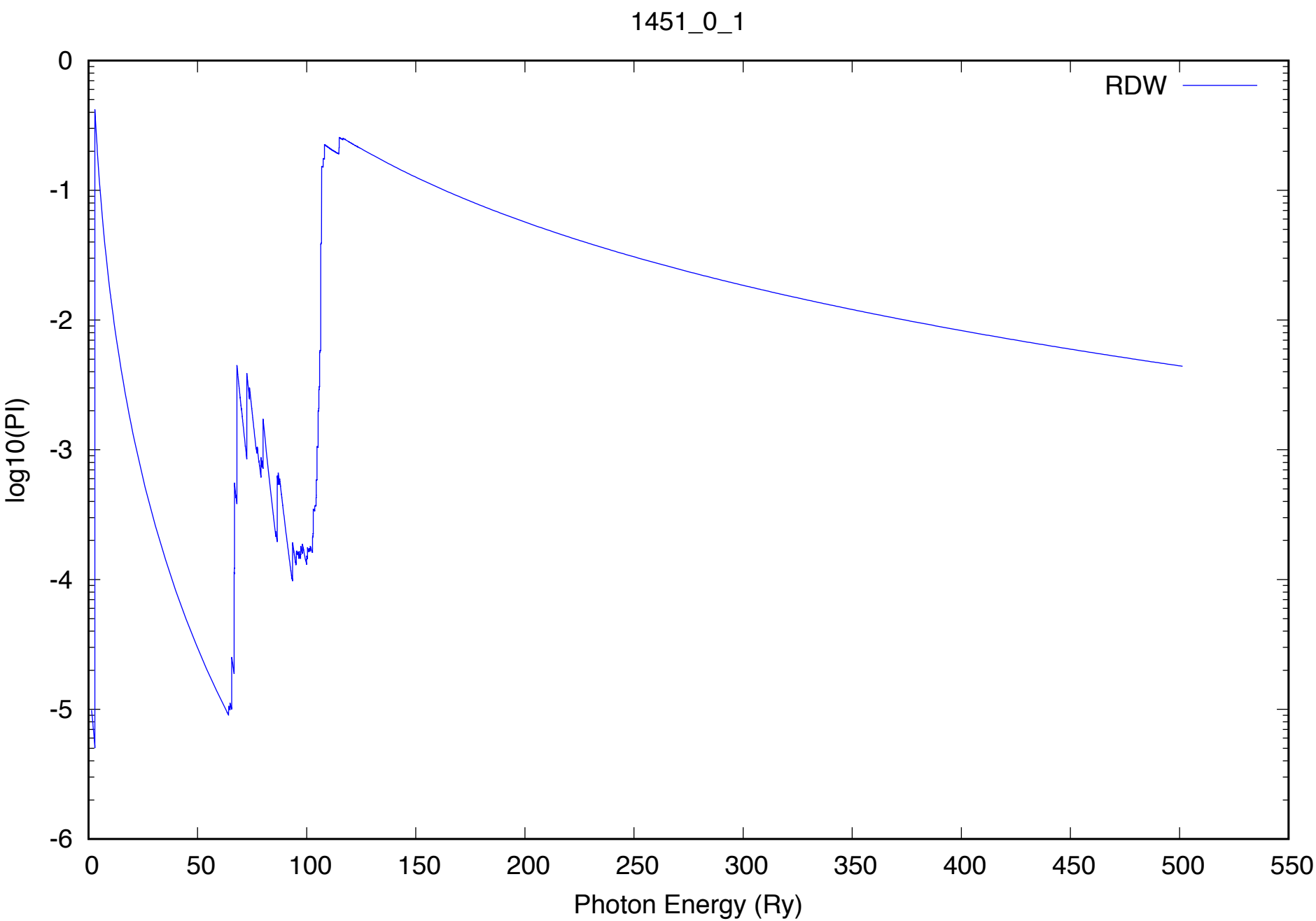

1446_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

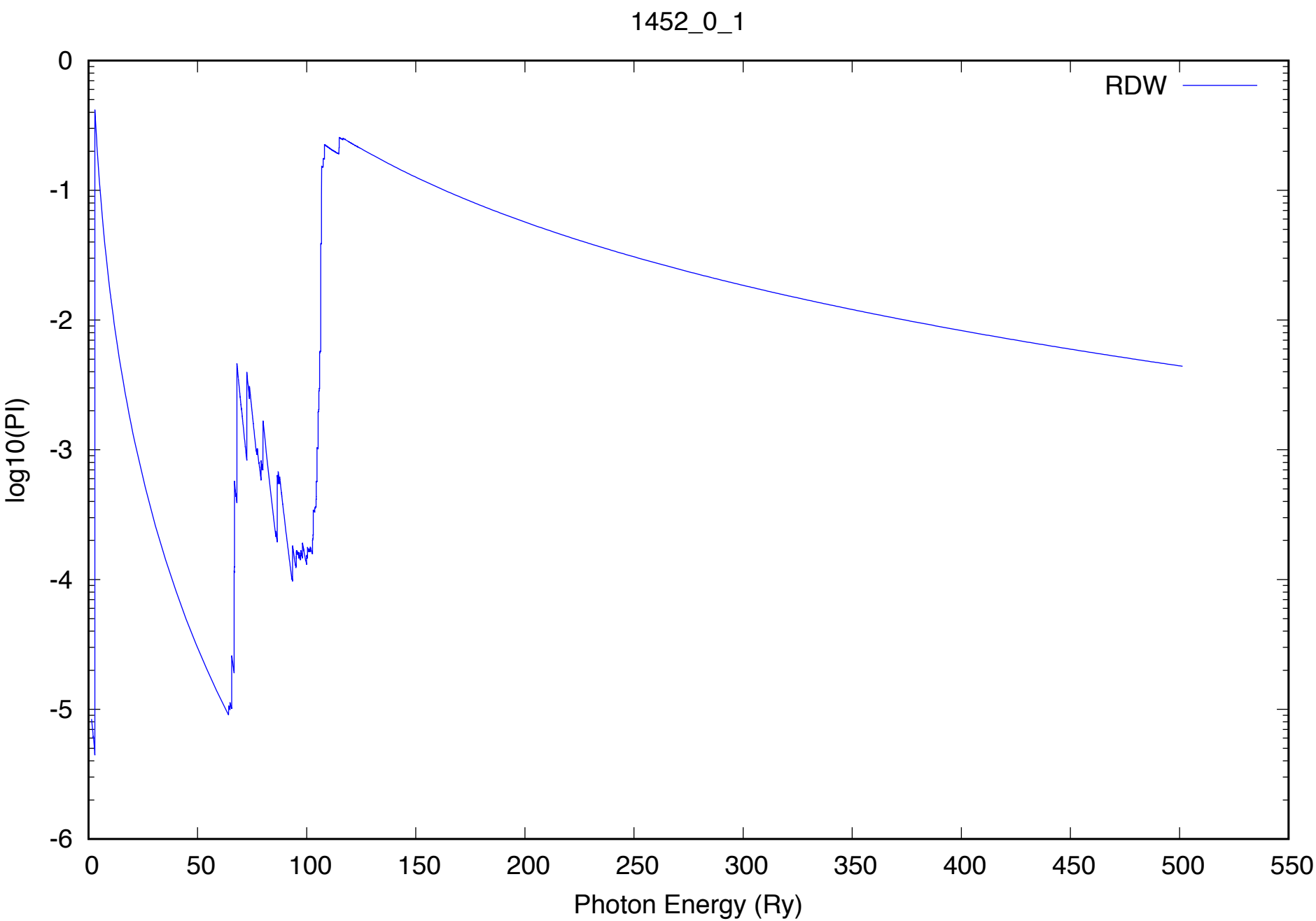

1447_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

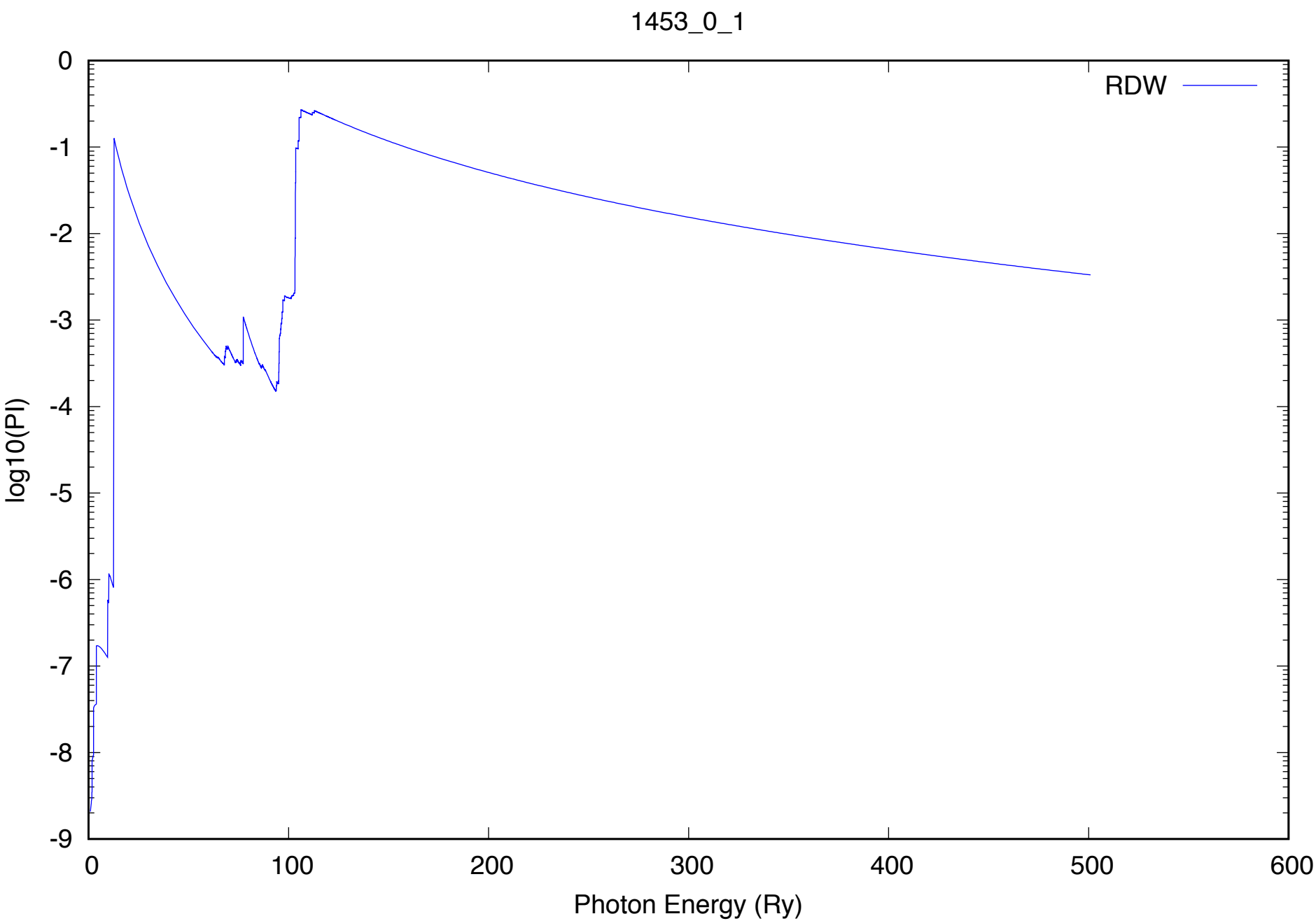

1448_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

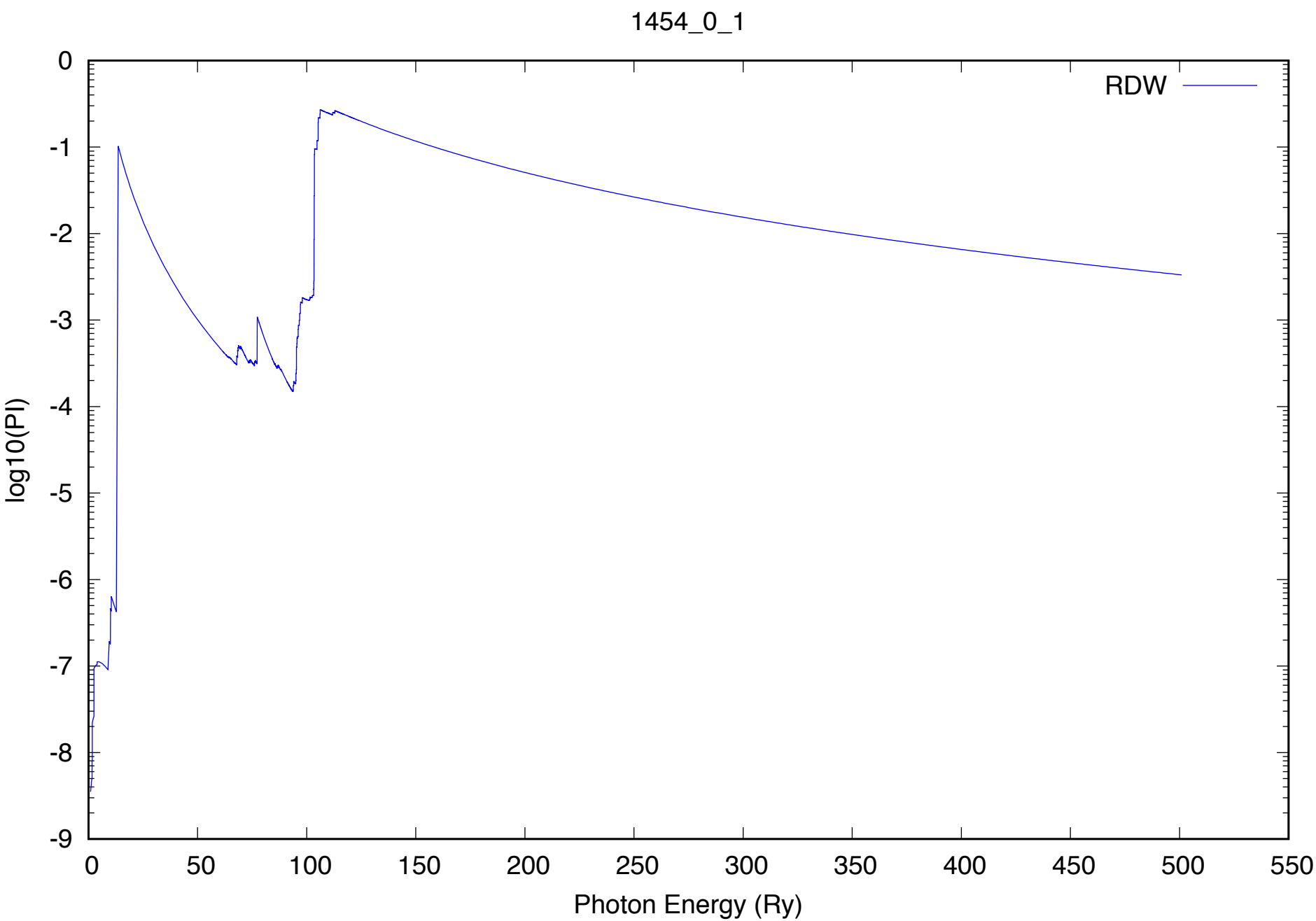

1449_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

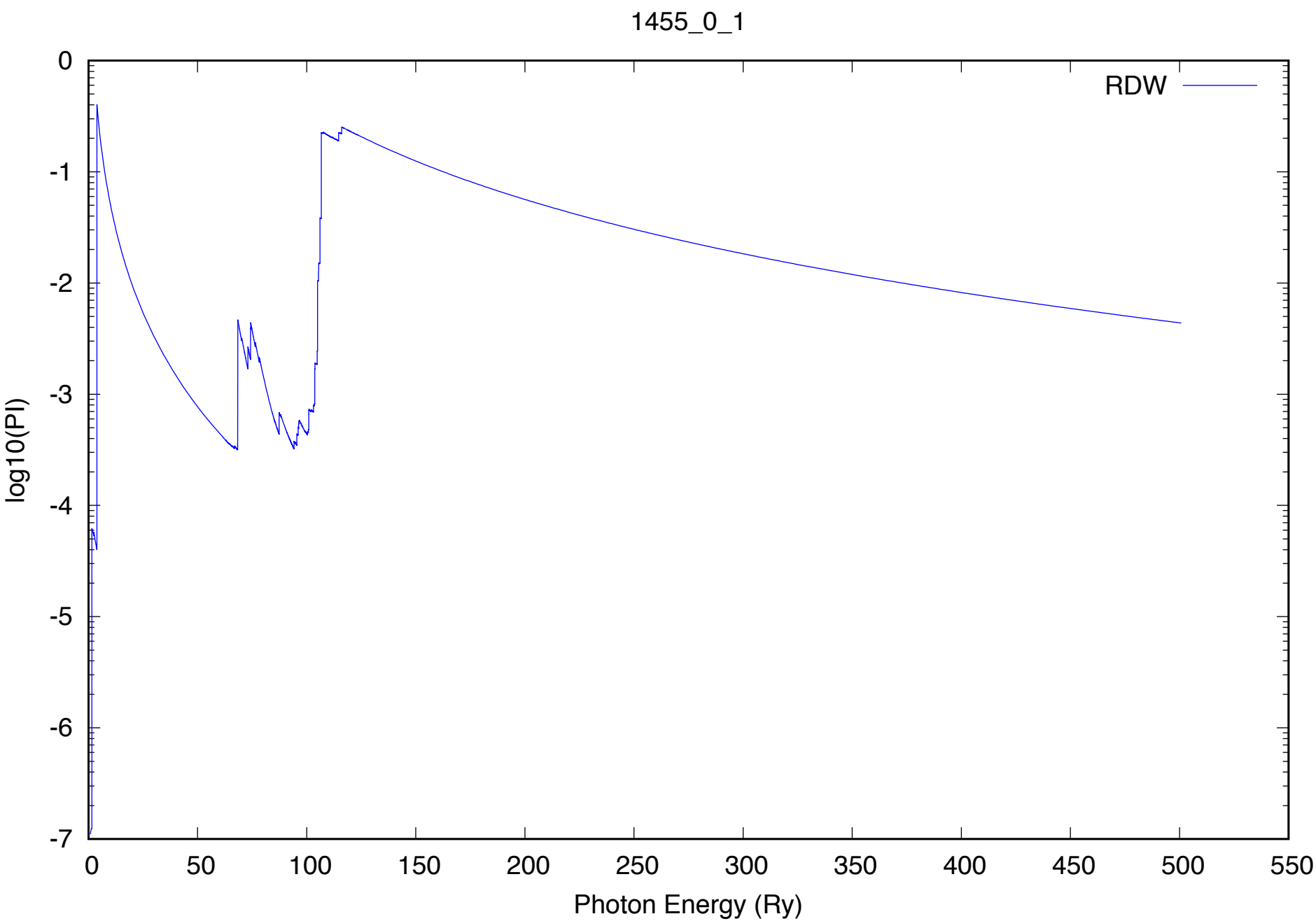

1450_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

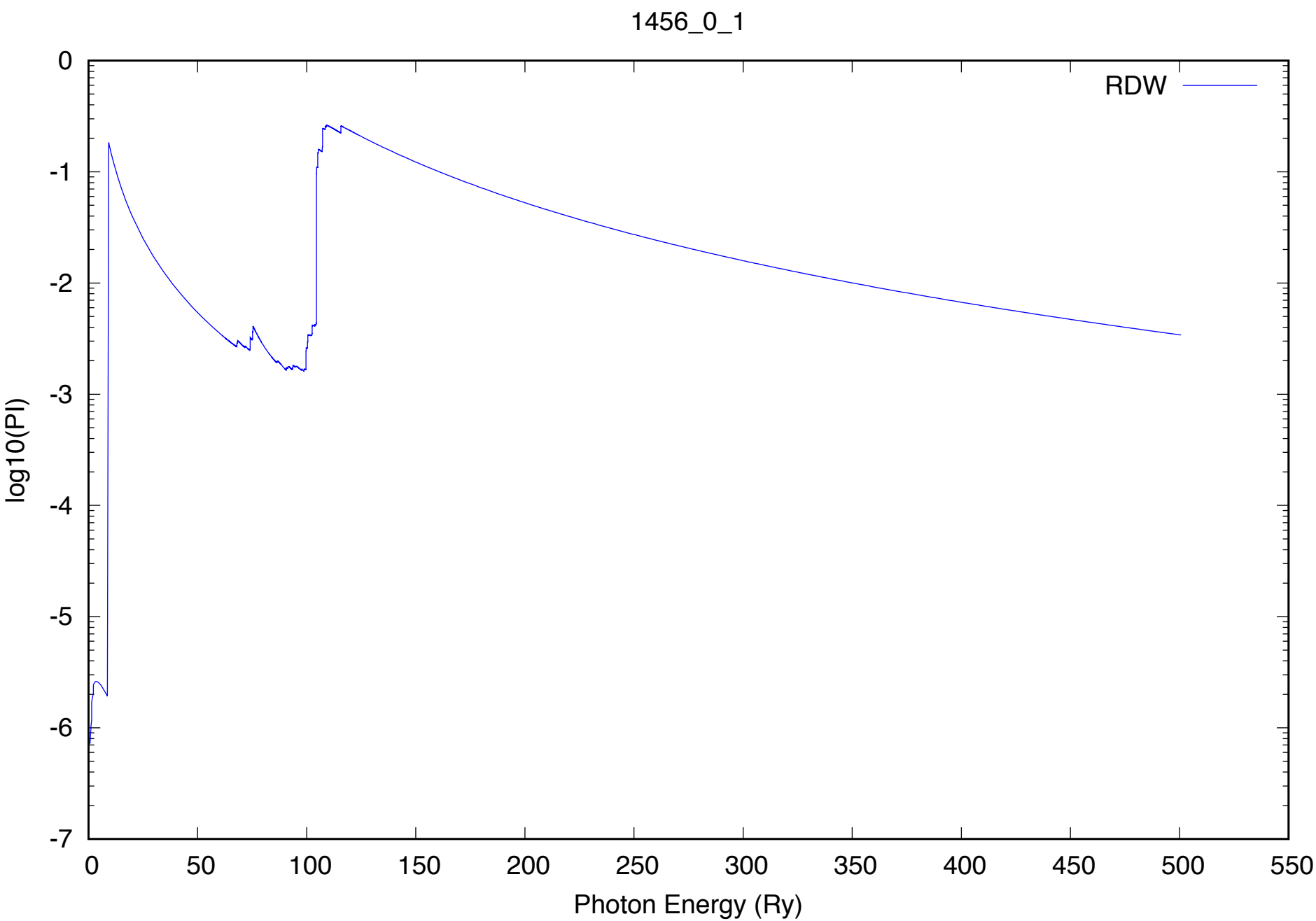

1451_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

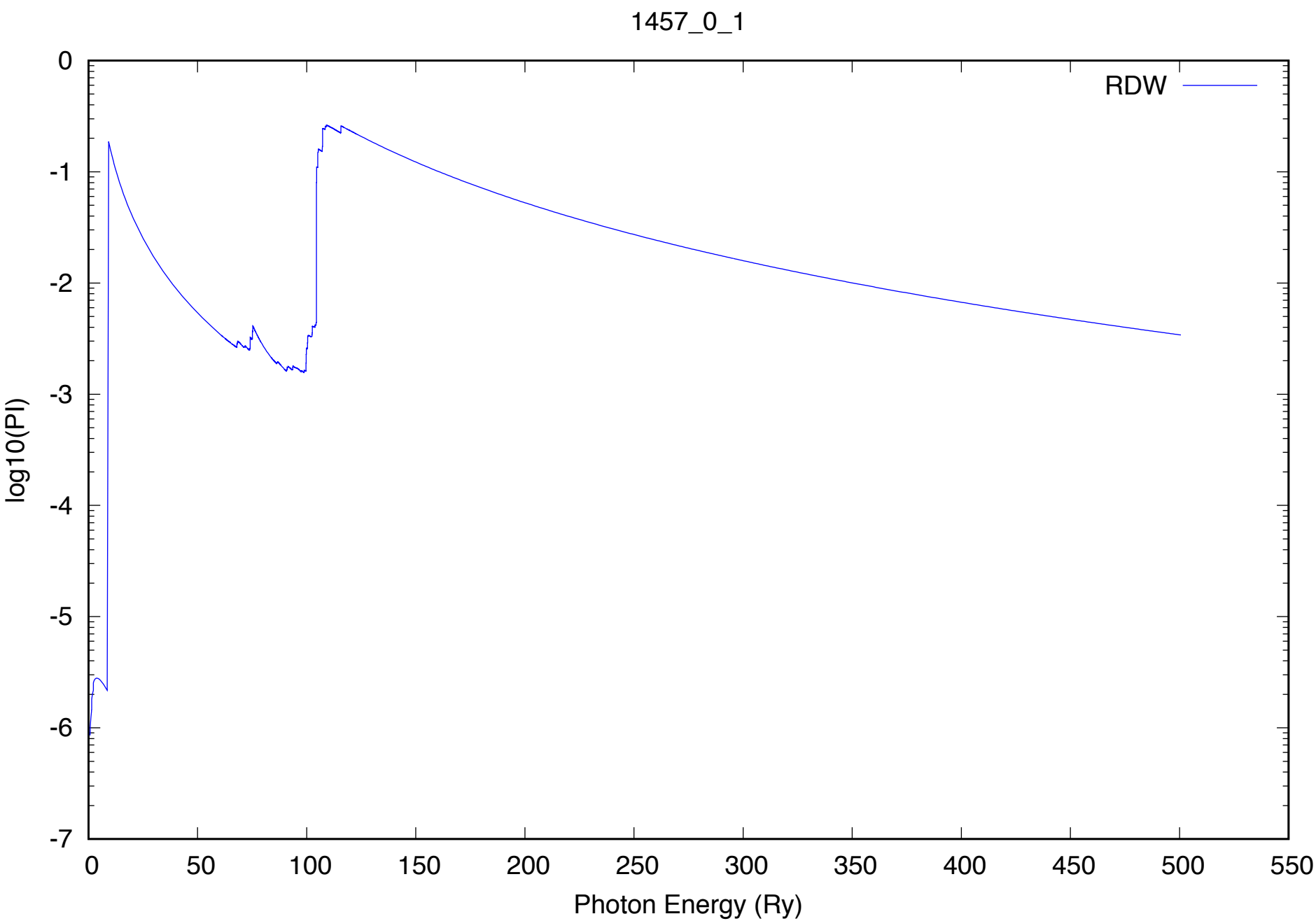

1452_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

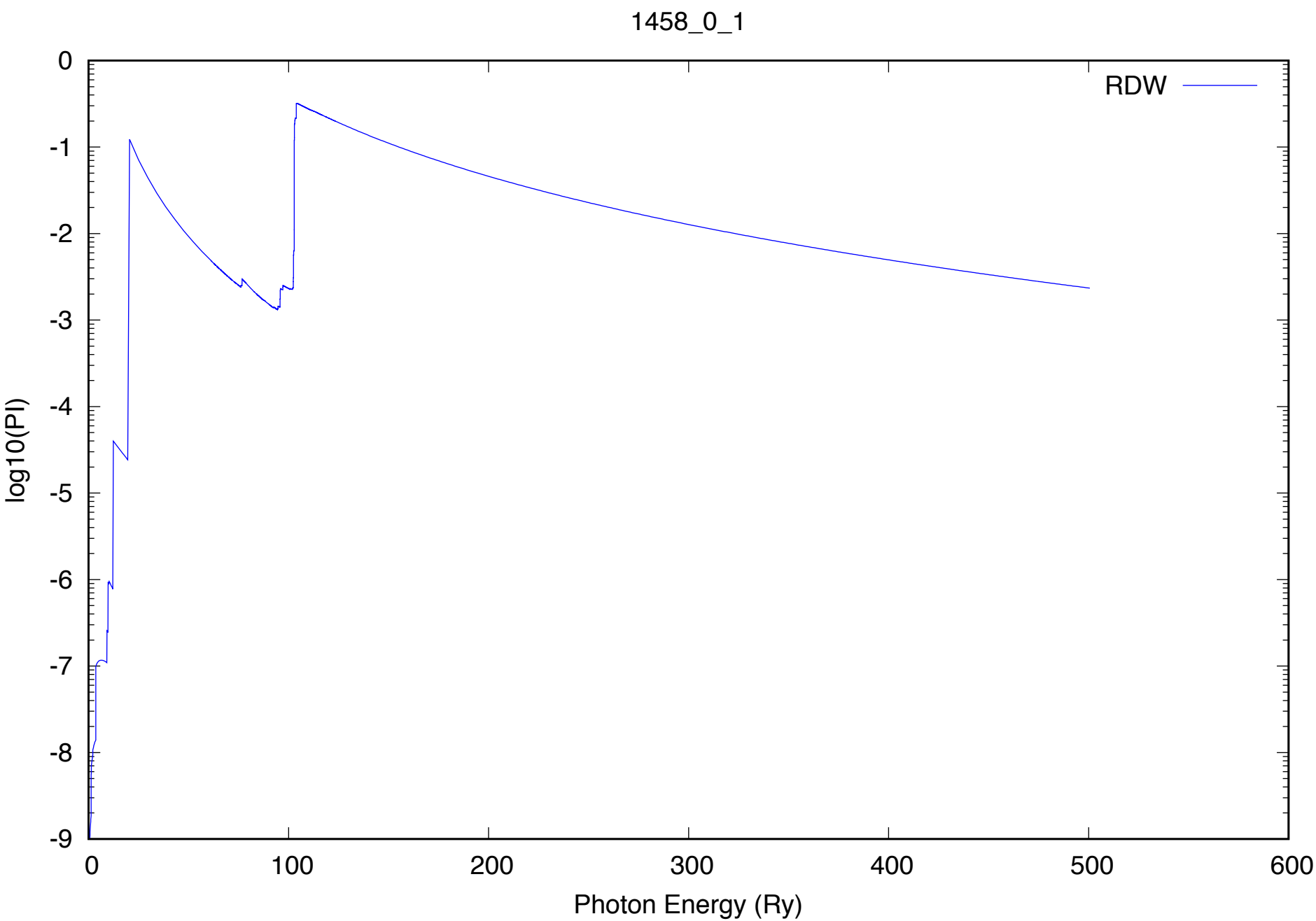

1453_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
100
200
300
400
500
600

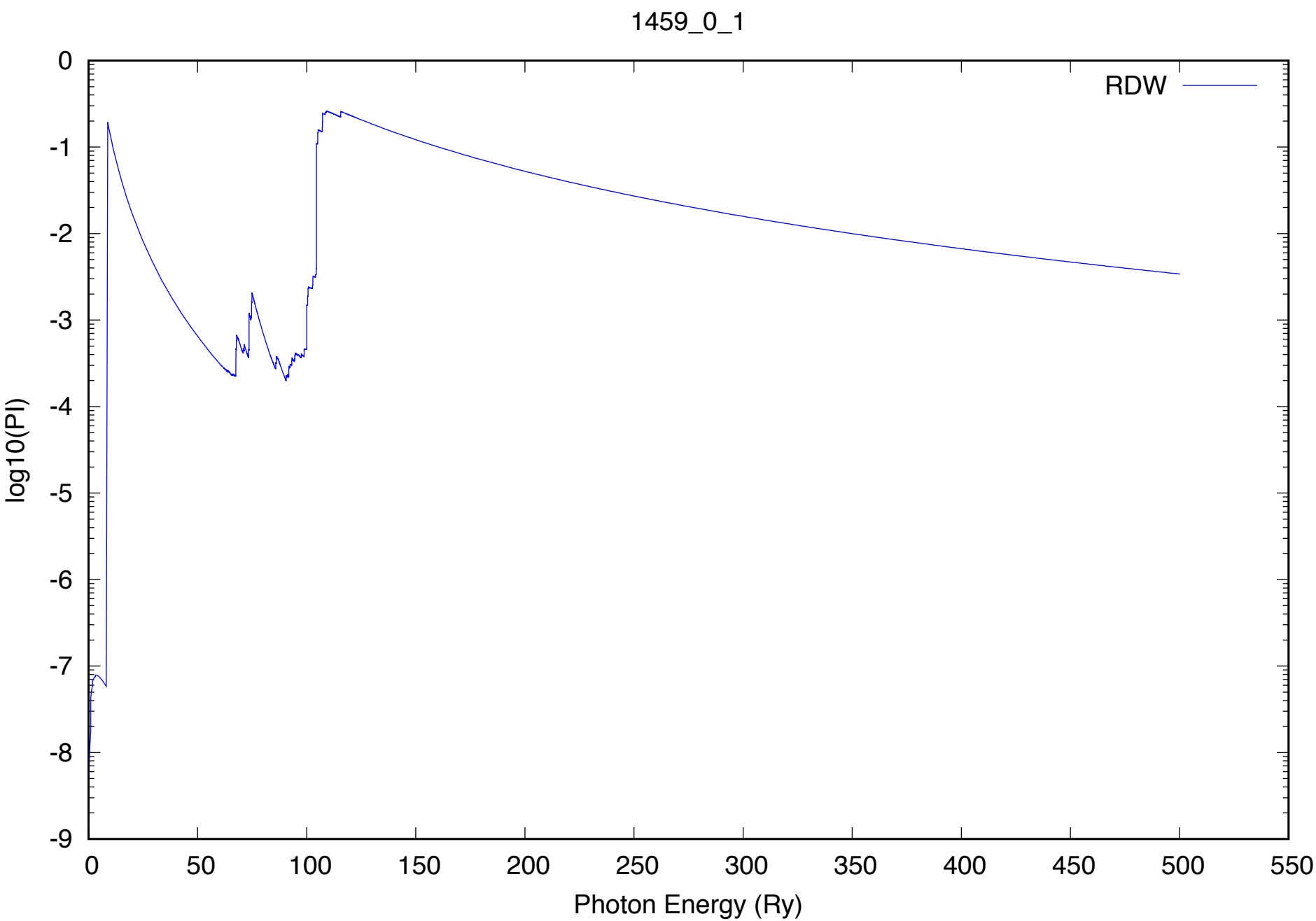

1454_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

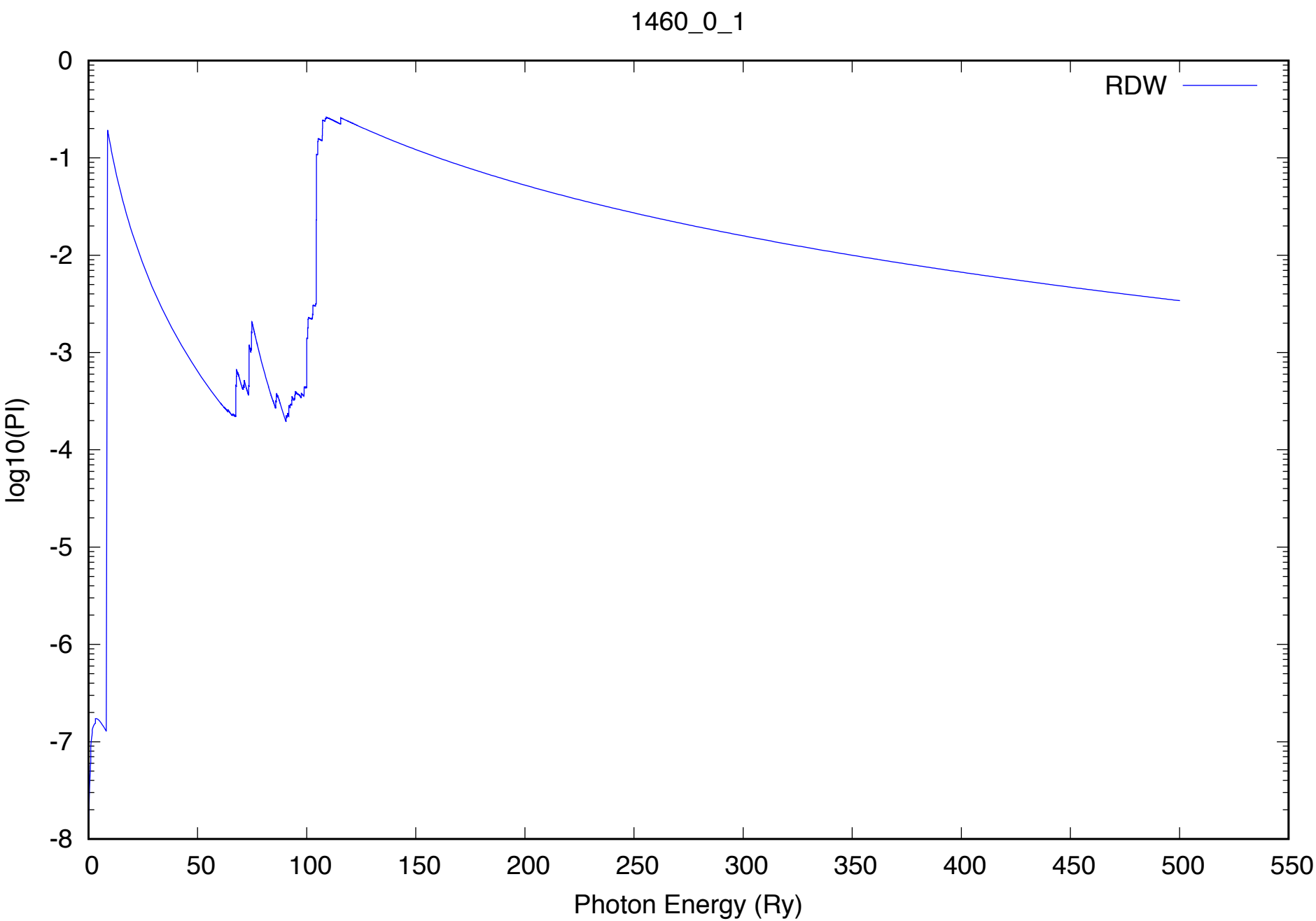

1455_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

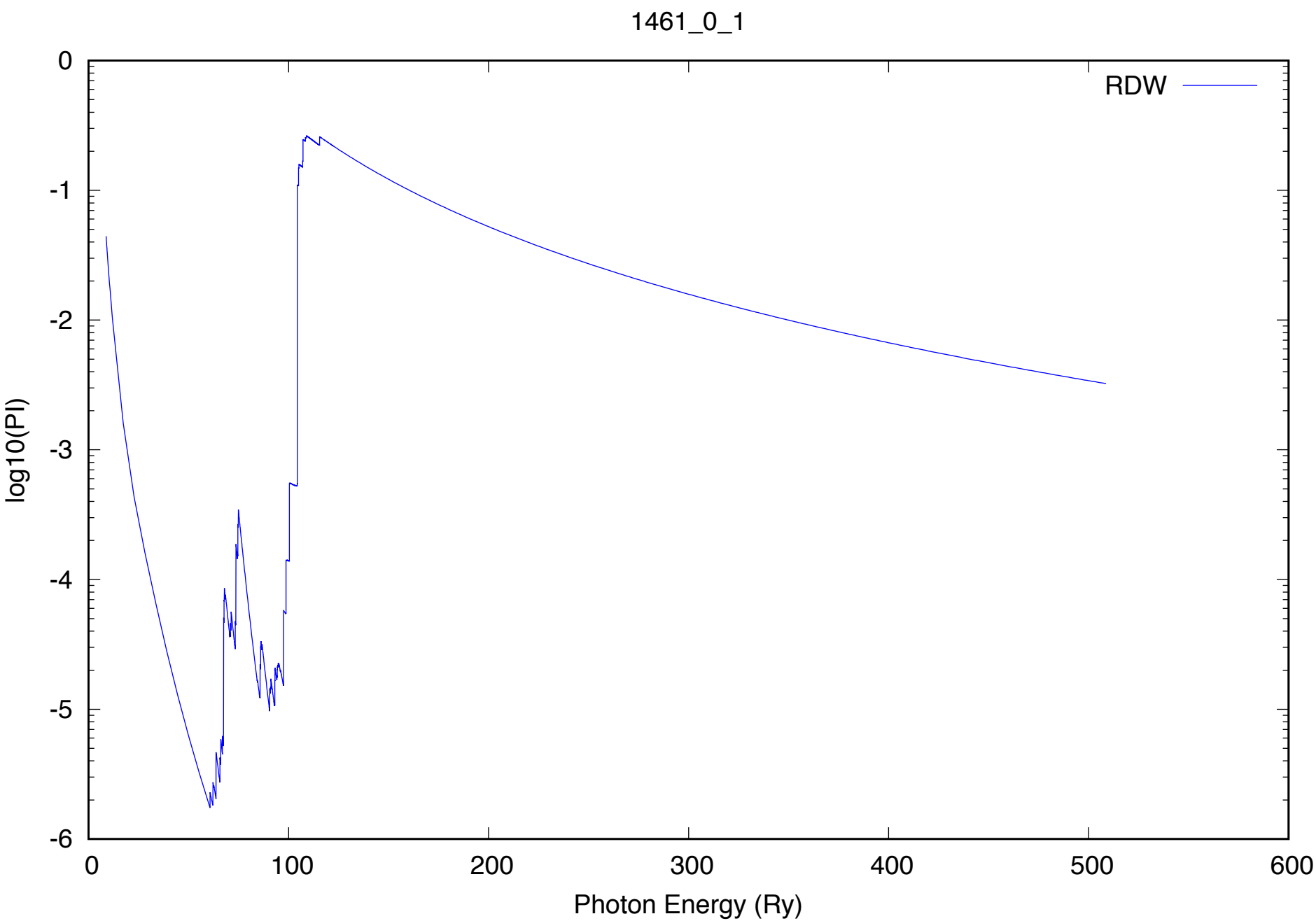

1456_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1457_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1458_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
100
200
300
400
500
600


1459_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1460_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1461_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
100
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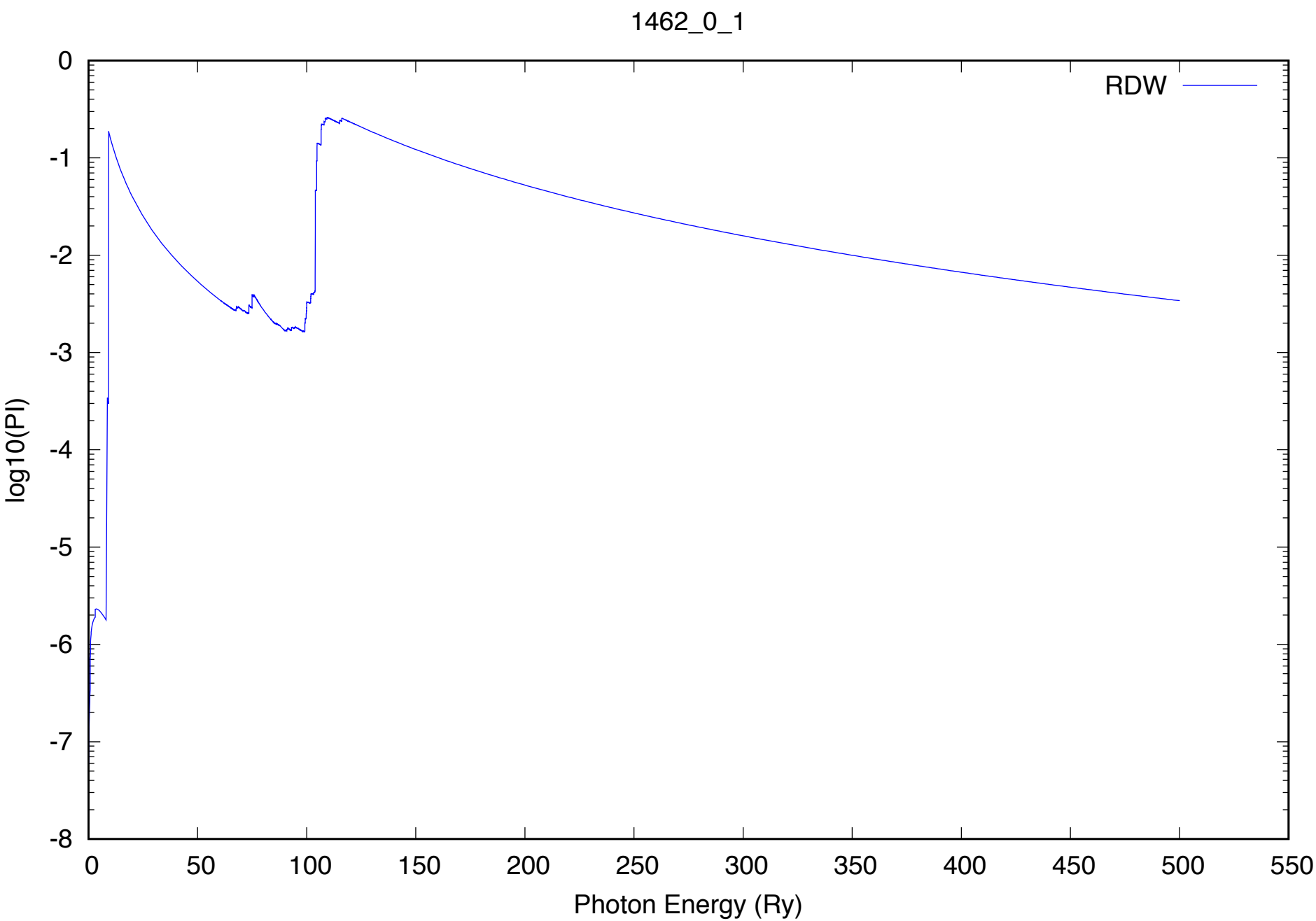
300
400
500
600


1462_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
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-6
-7
-8
0
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100
150
200
250
300
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400
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500
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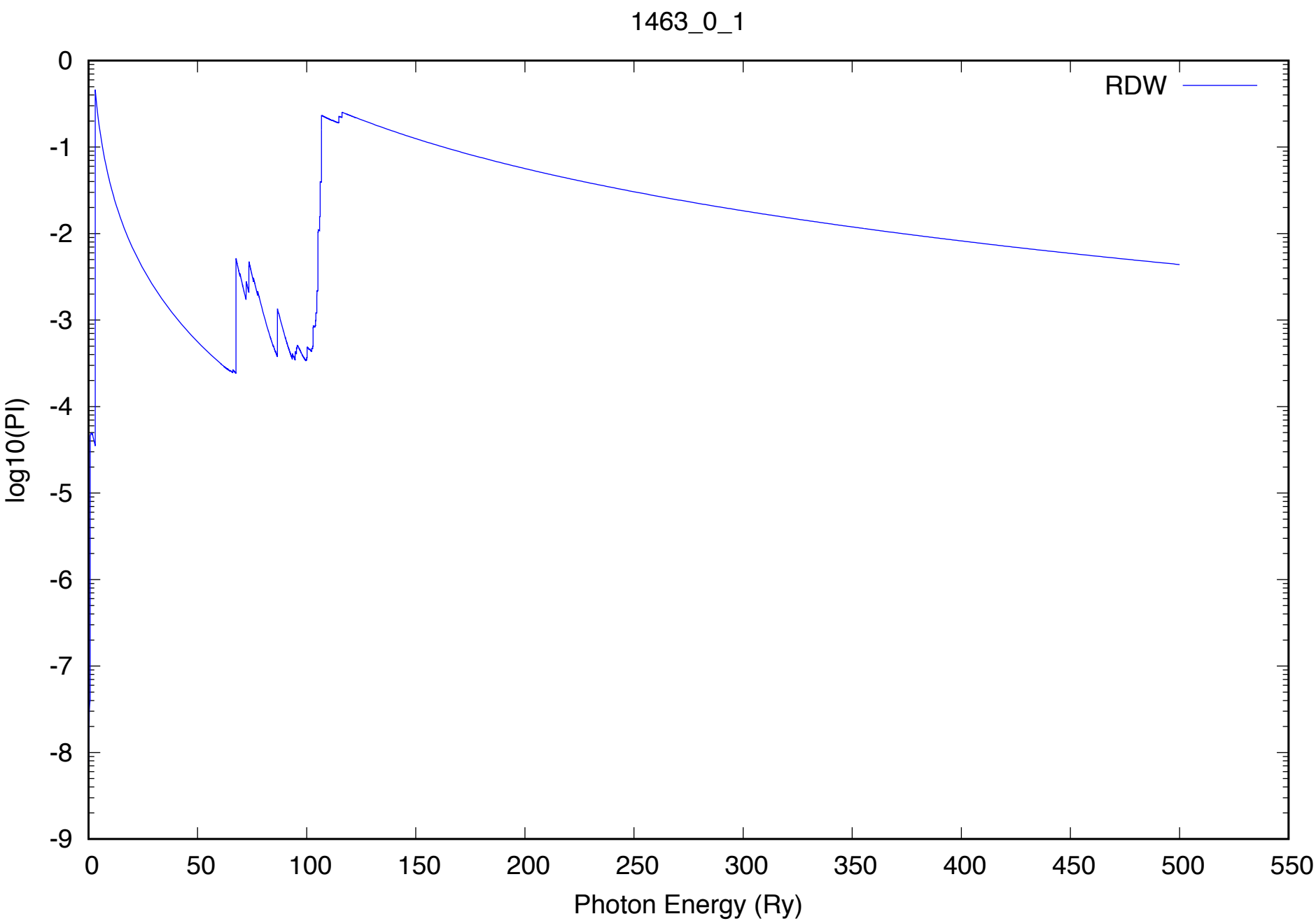
1463_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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-5
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-7
-8
-9
0
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100
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200
250
300
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400
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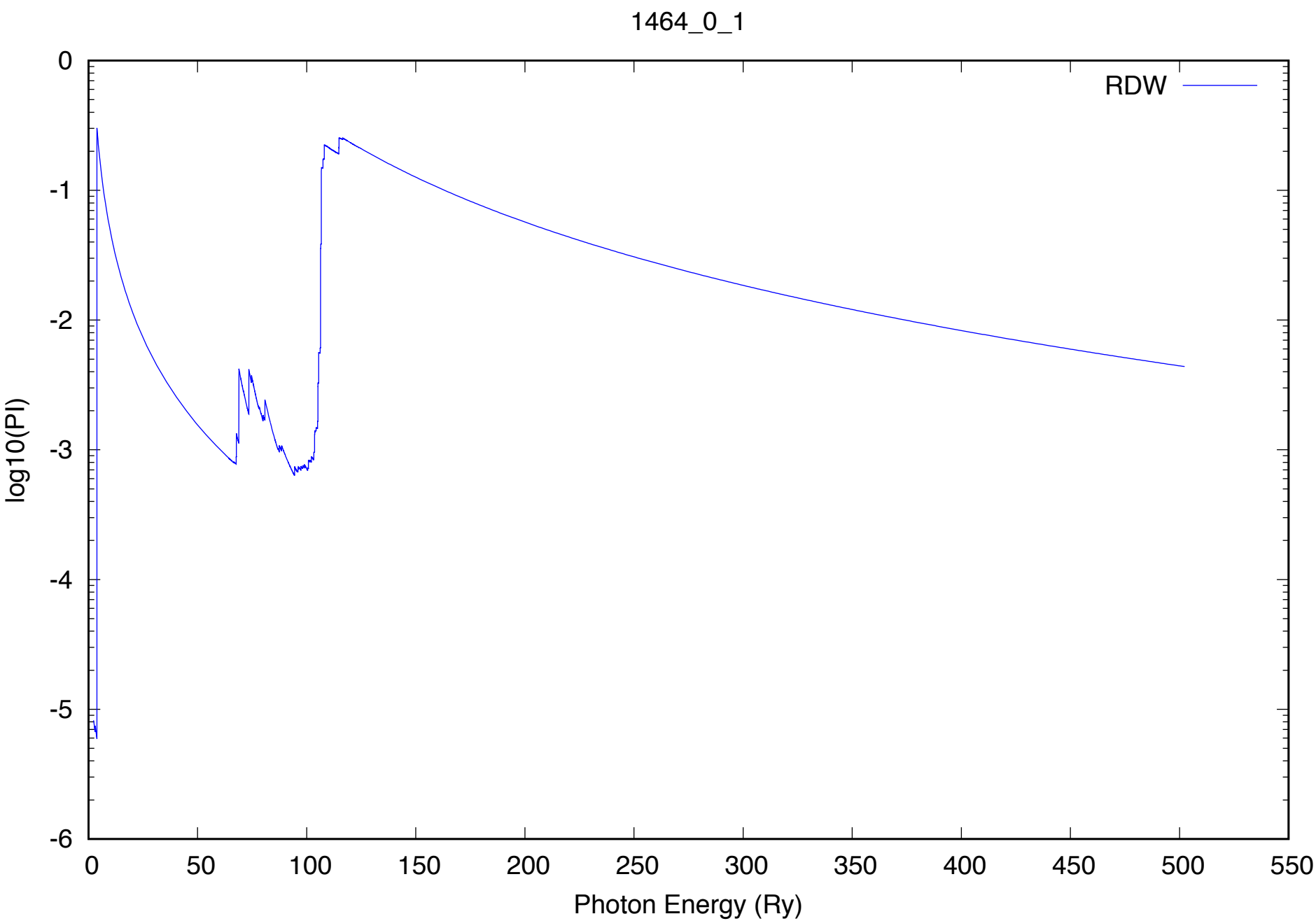
500
550


1464_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
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-2
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-4
-5
-6
0
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100
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200
250
300
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400
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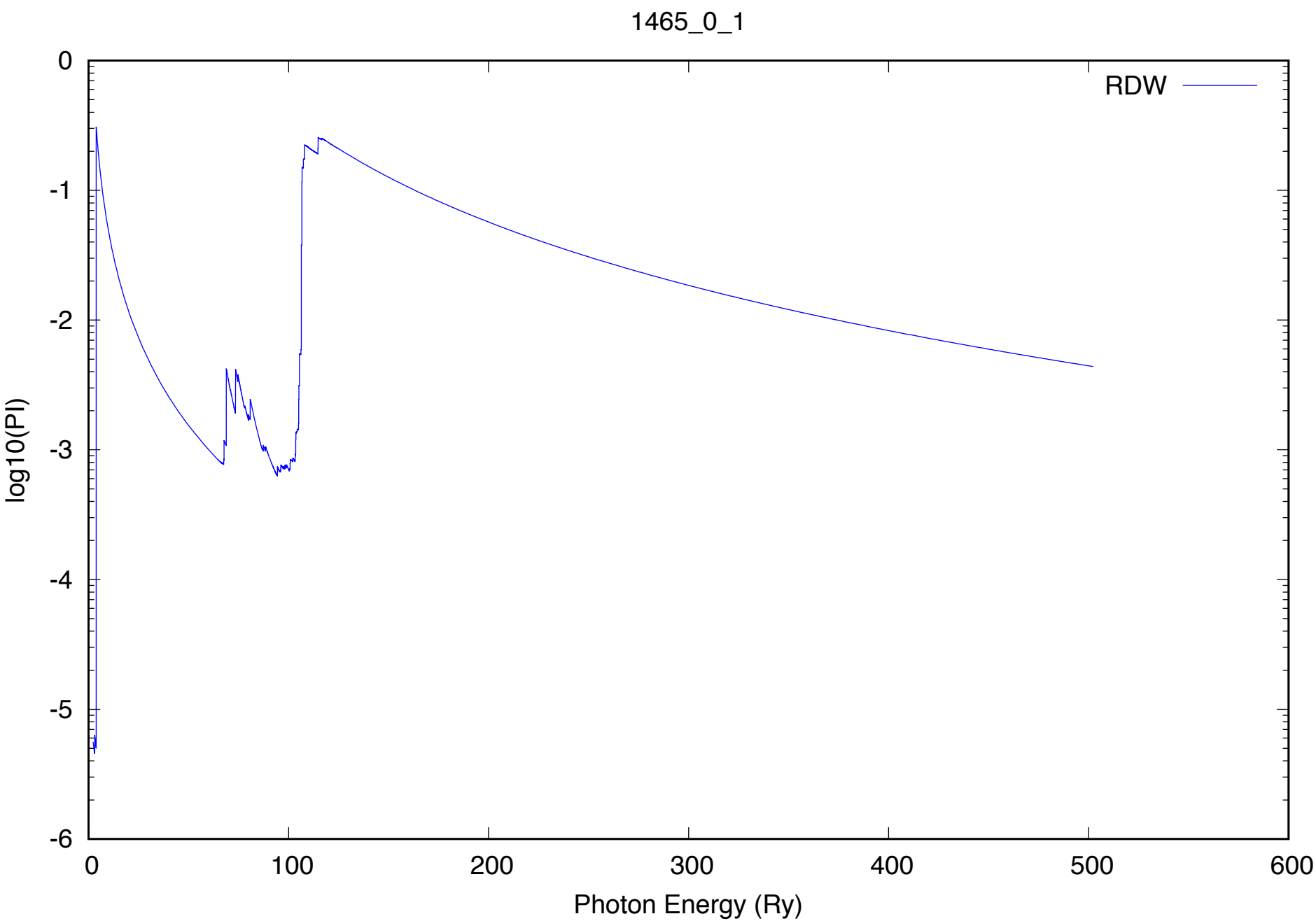
500
550


1465_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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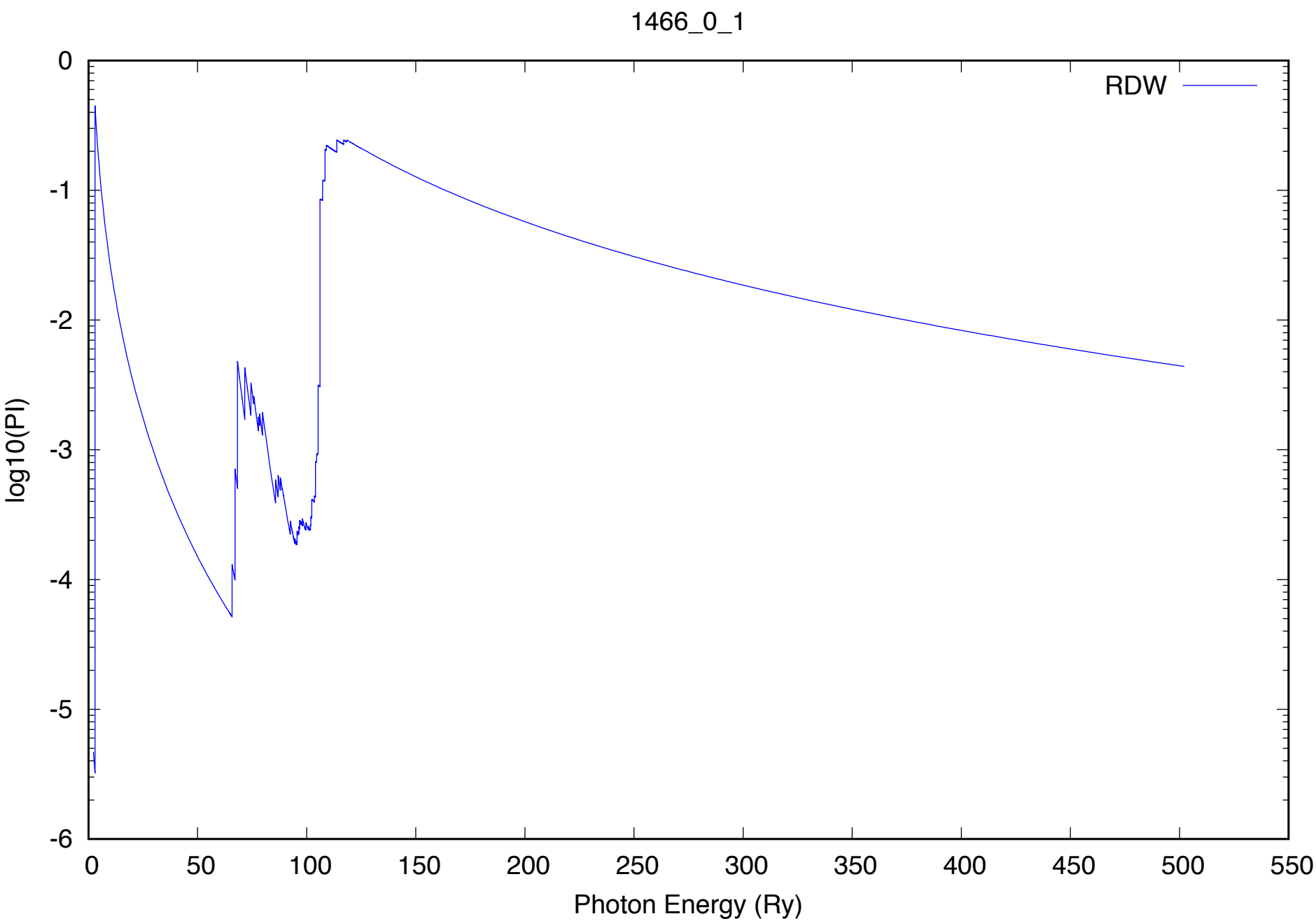
200
300
400
500
600


1466_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
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-3
-4
-5
-6
0
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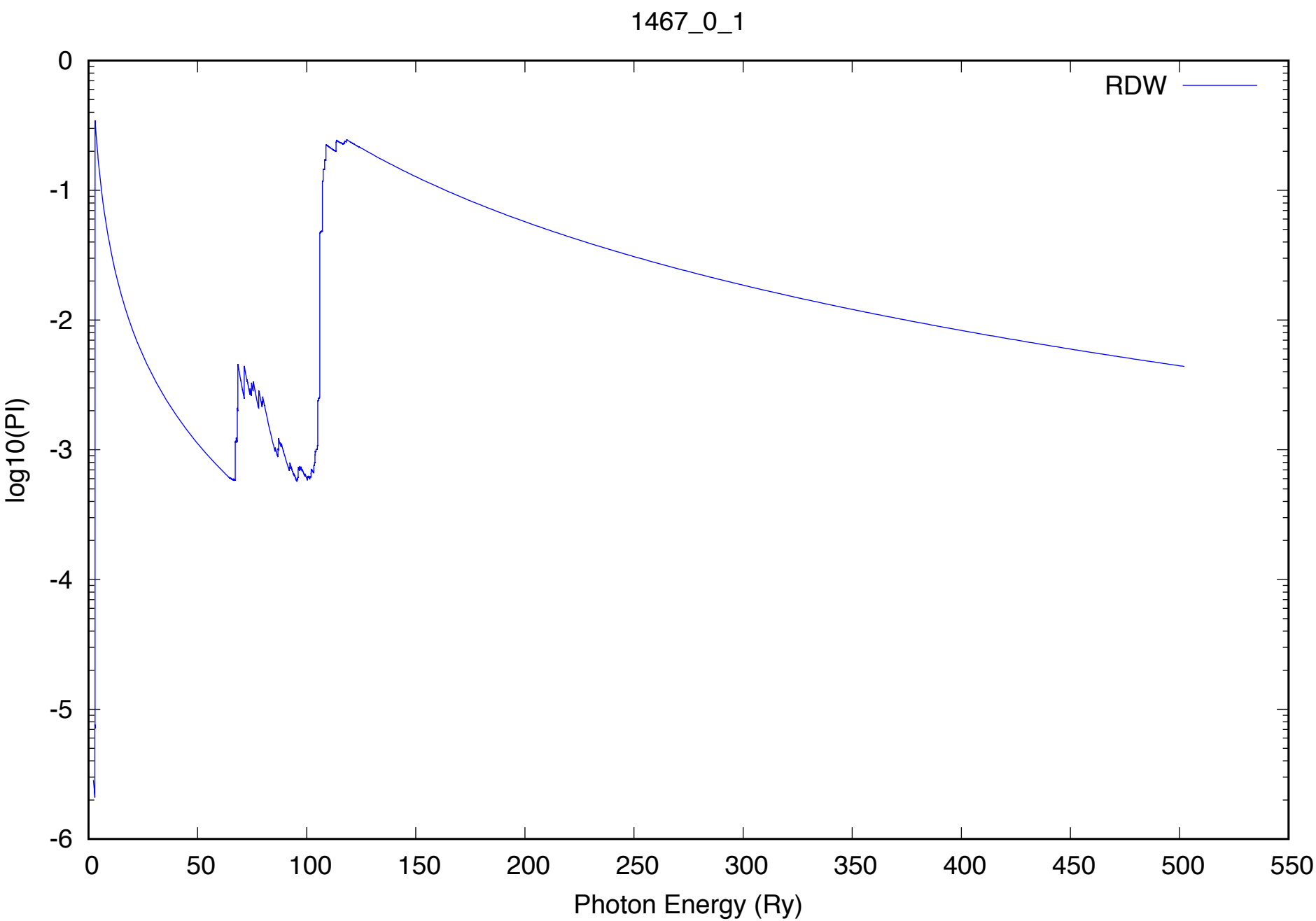
100
150
200
250
300
350
400
450
500
550


1467_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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100
150
200
250
300
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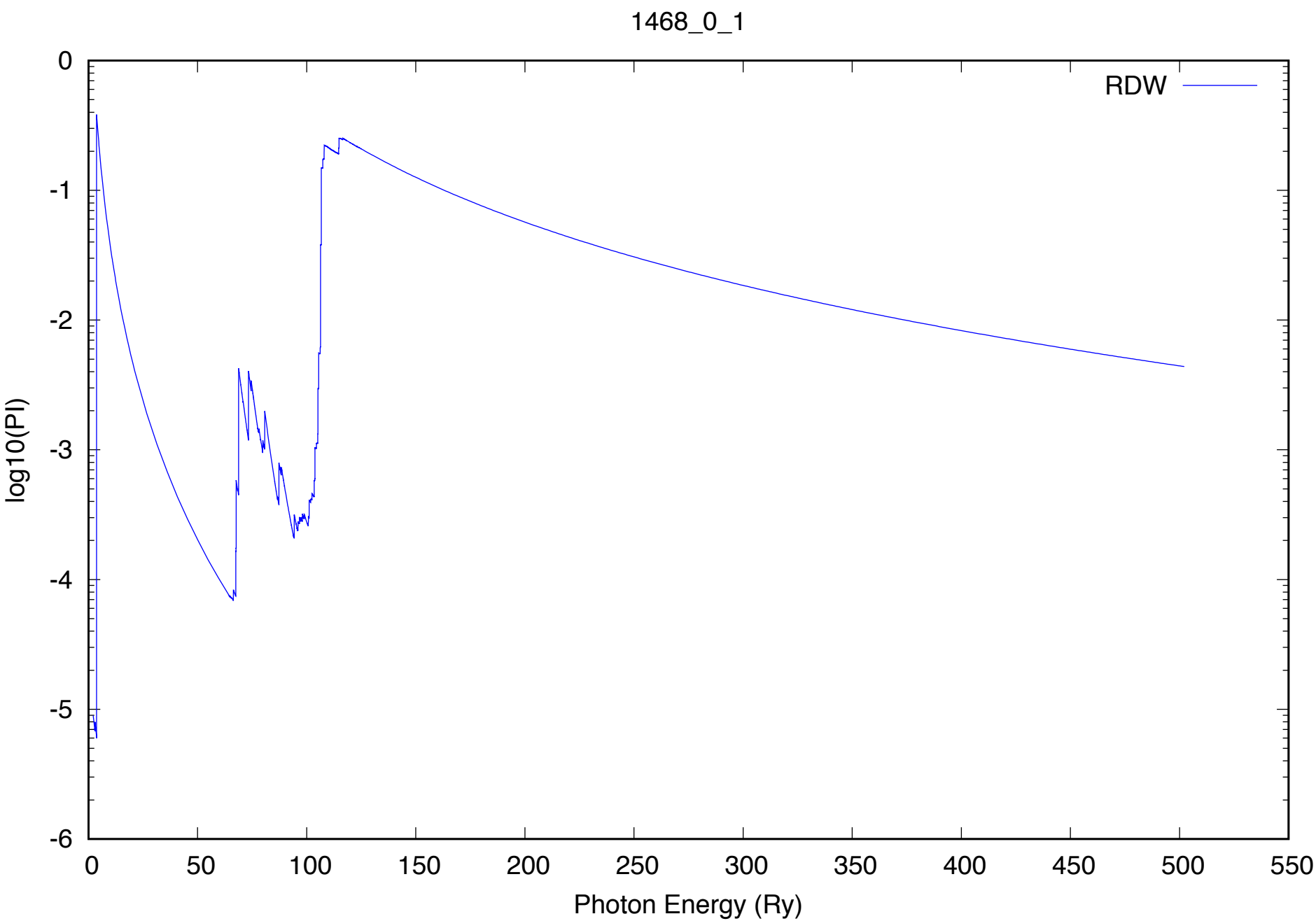
400
450
500
550


1468_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
0
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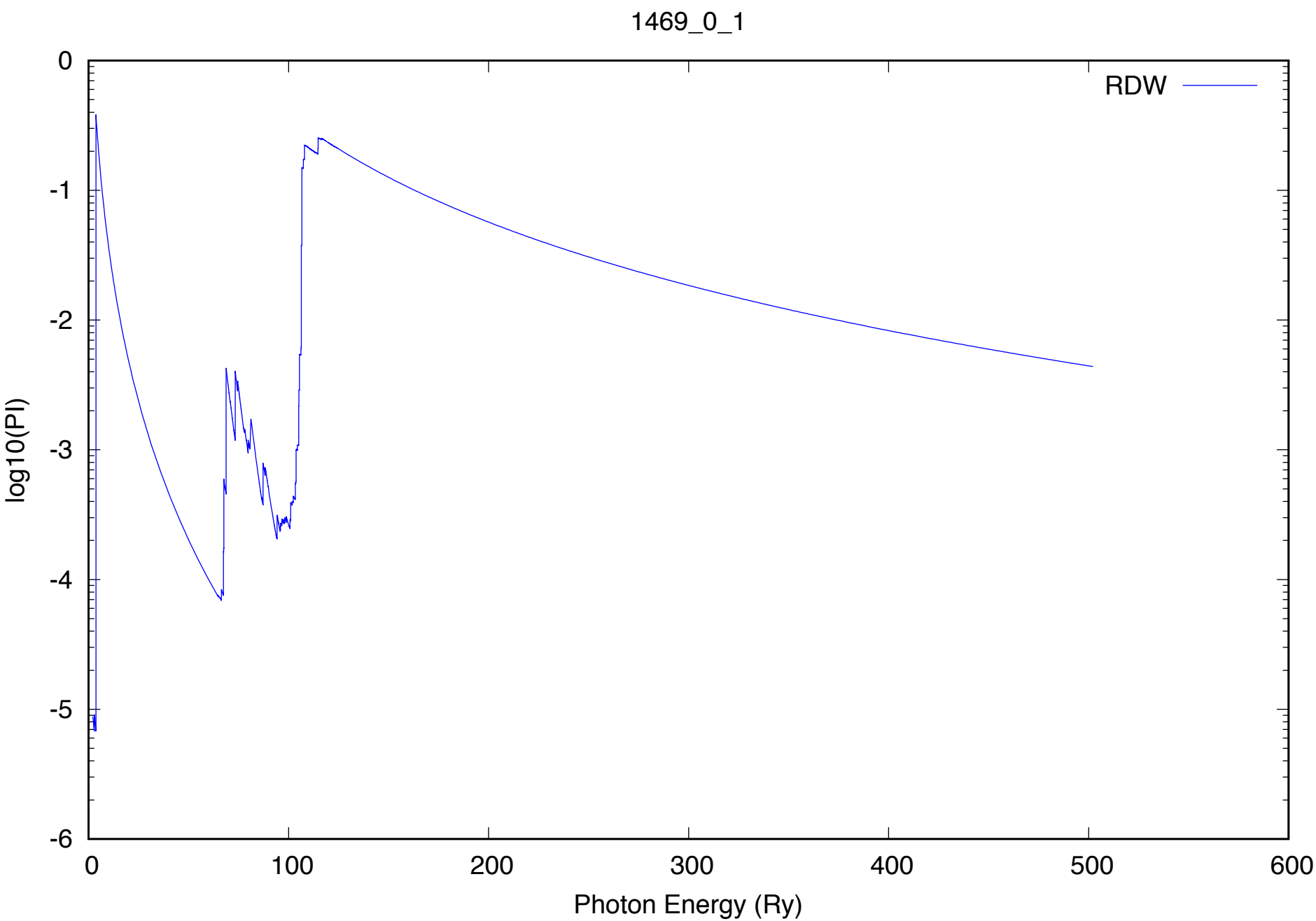
100
150
200
250
300
350
400
450
500
550


1469_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
0
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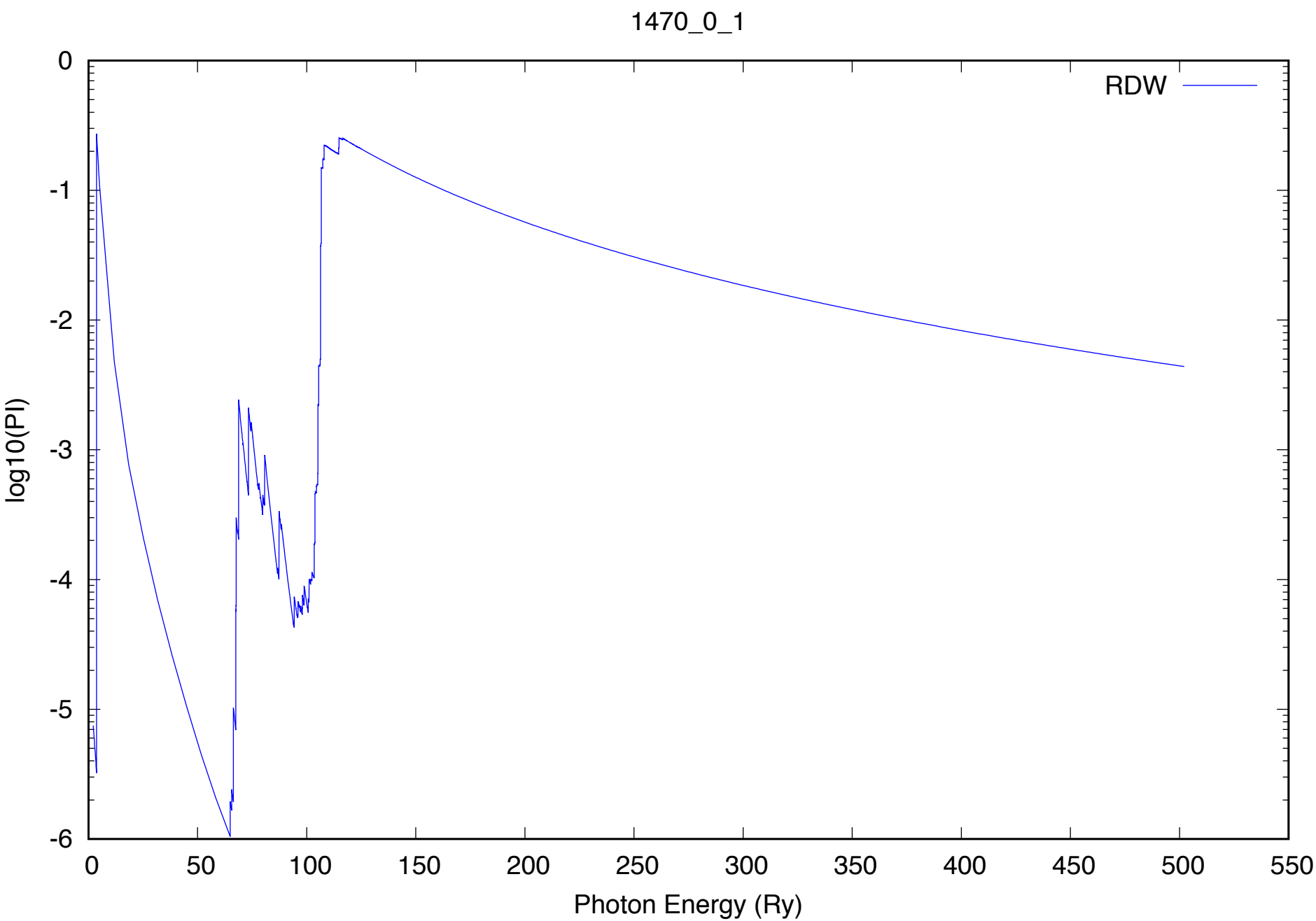
200
300
400
500
600


1470_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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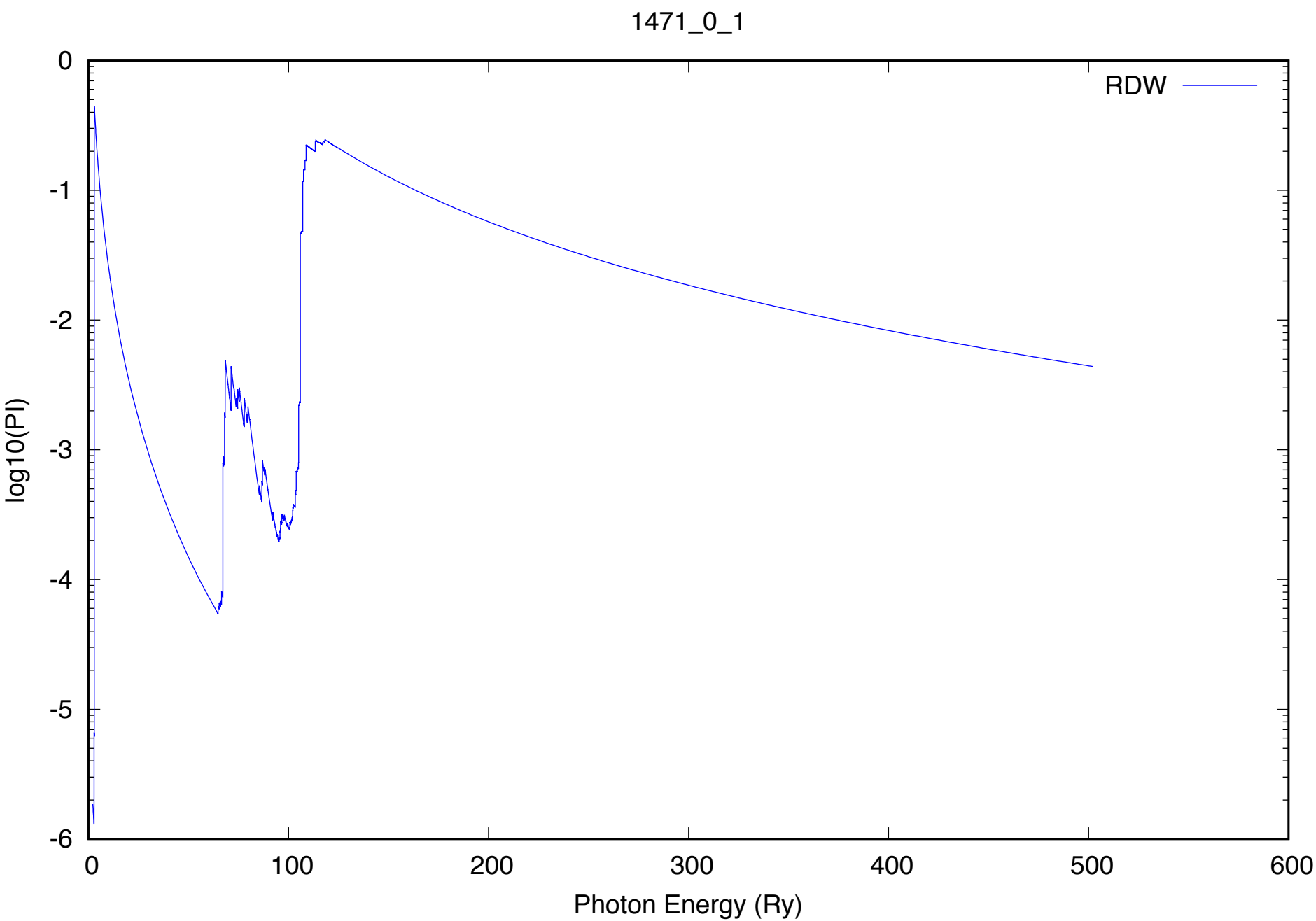
100
150
200
250
300
350
400
450
500
550


1471_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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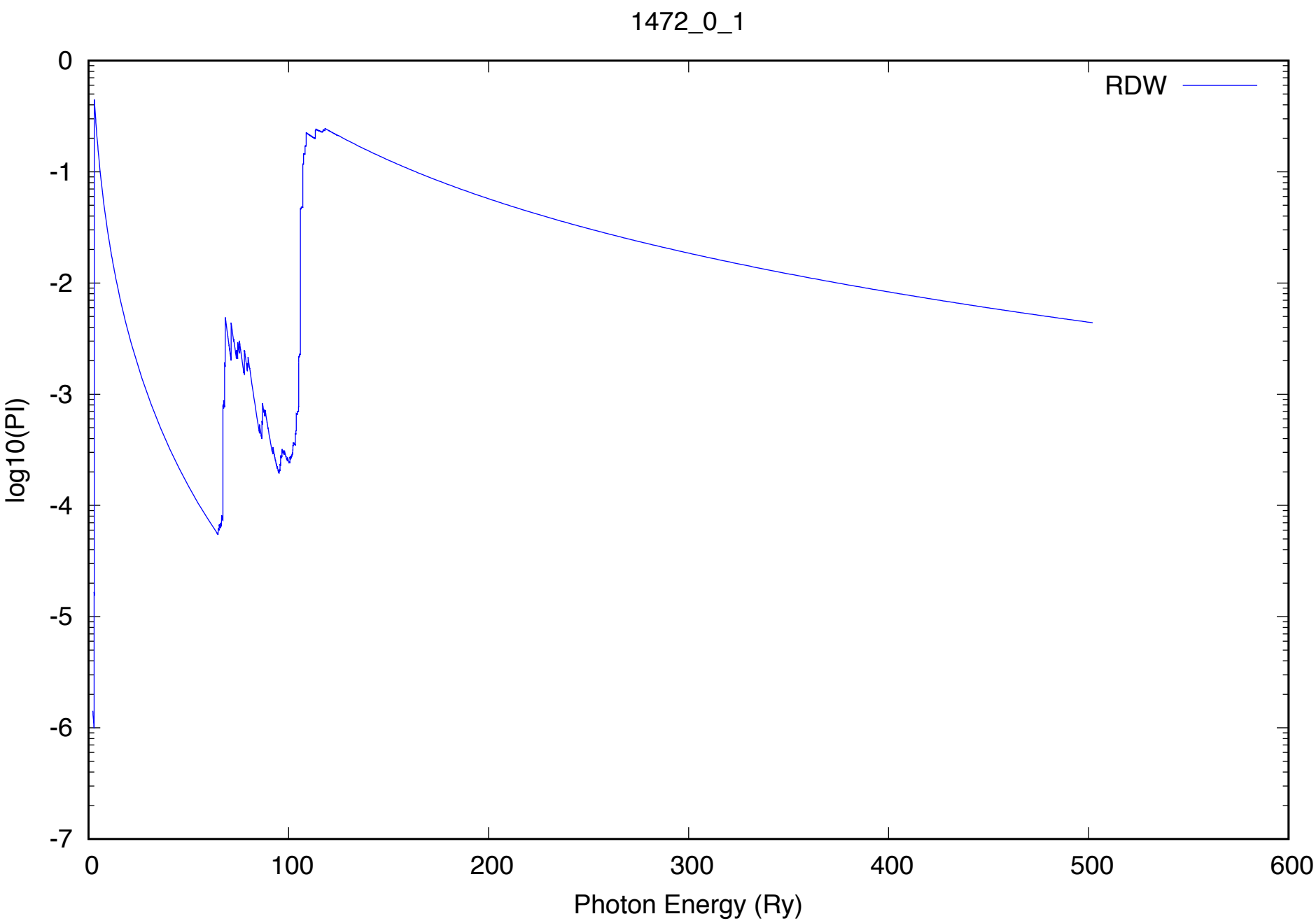
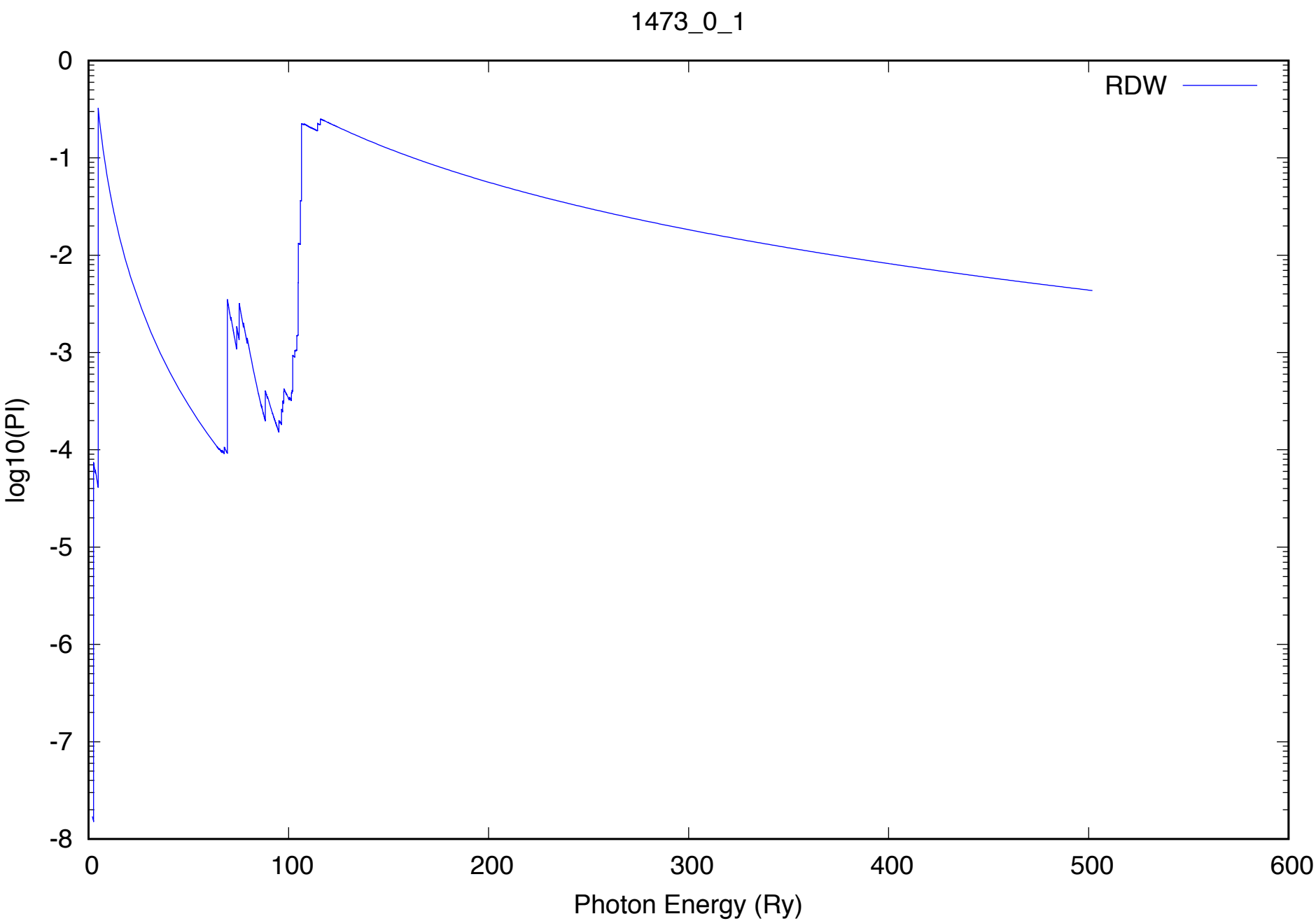
200
300
400
500
600


1472_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
100
200
300
400
500
600


1473_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
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-2
-3
-4
-5
-6
-7
-8
0
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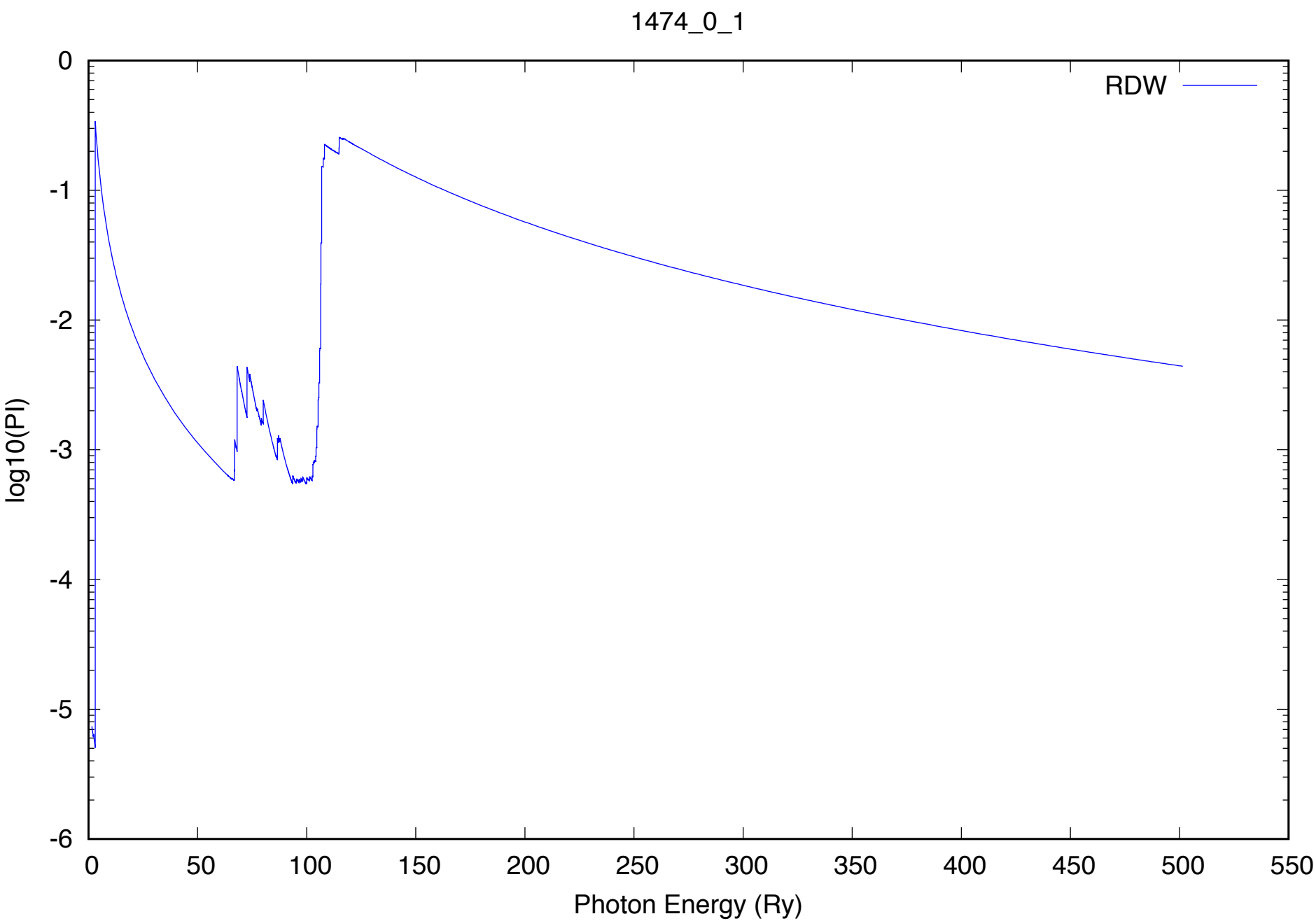
200
300
400
500
600


1474_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
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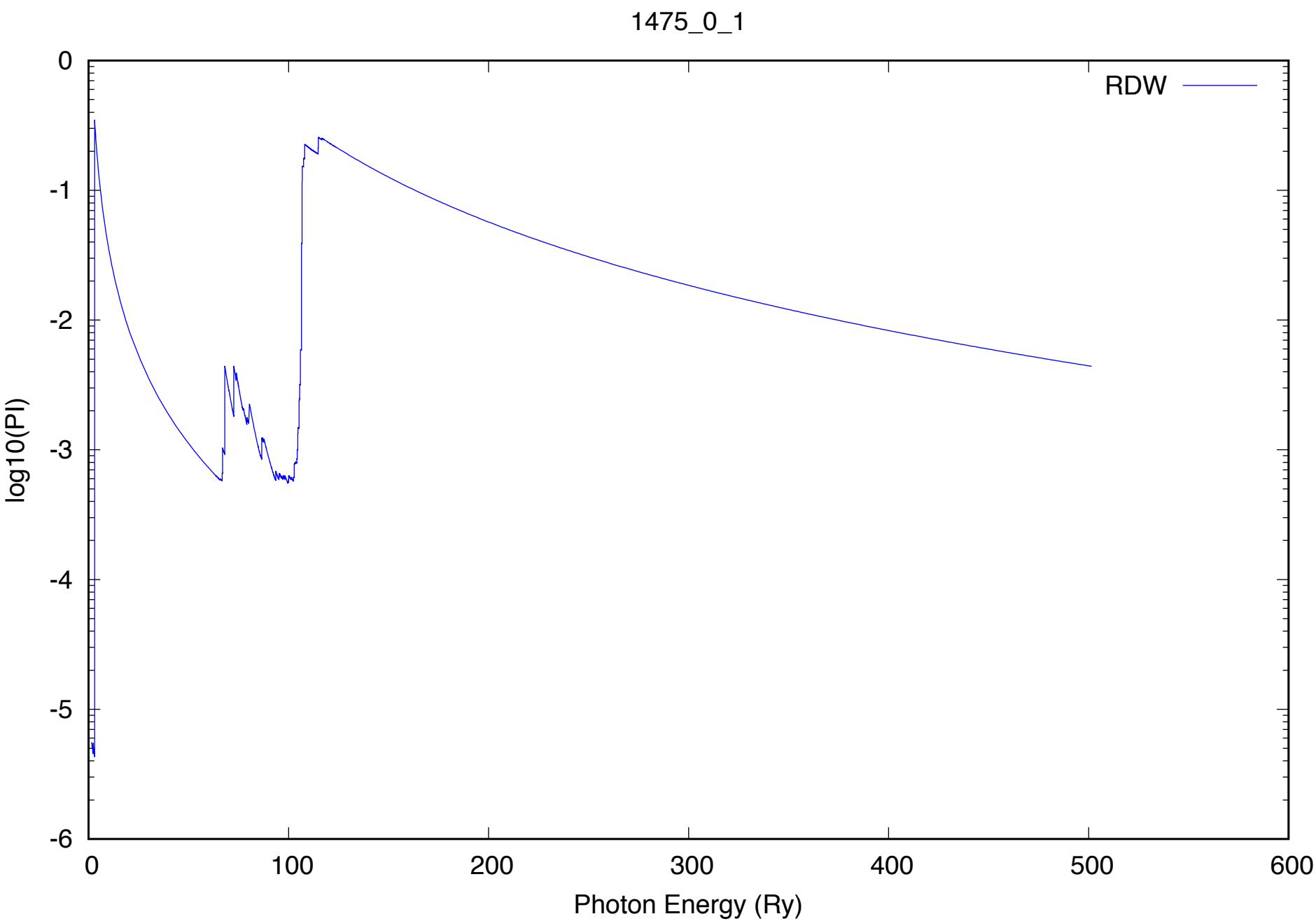
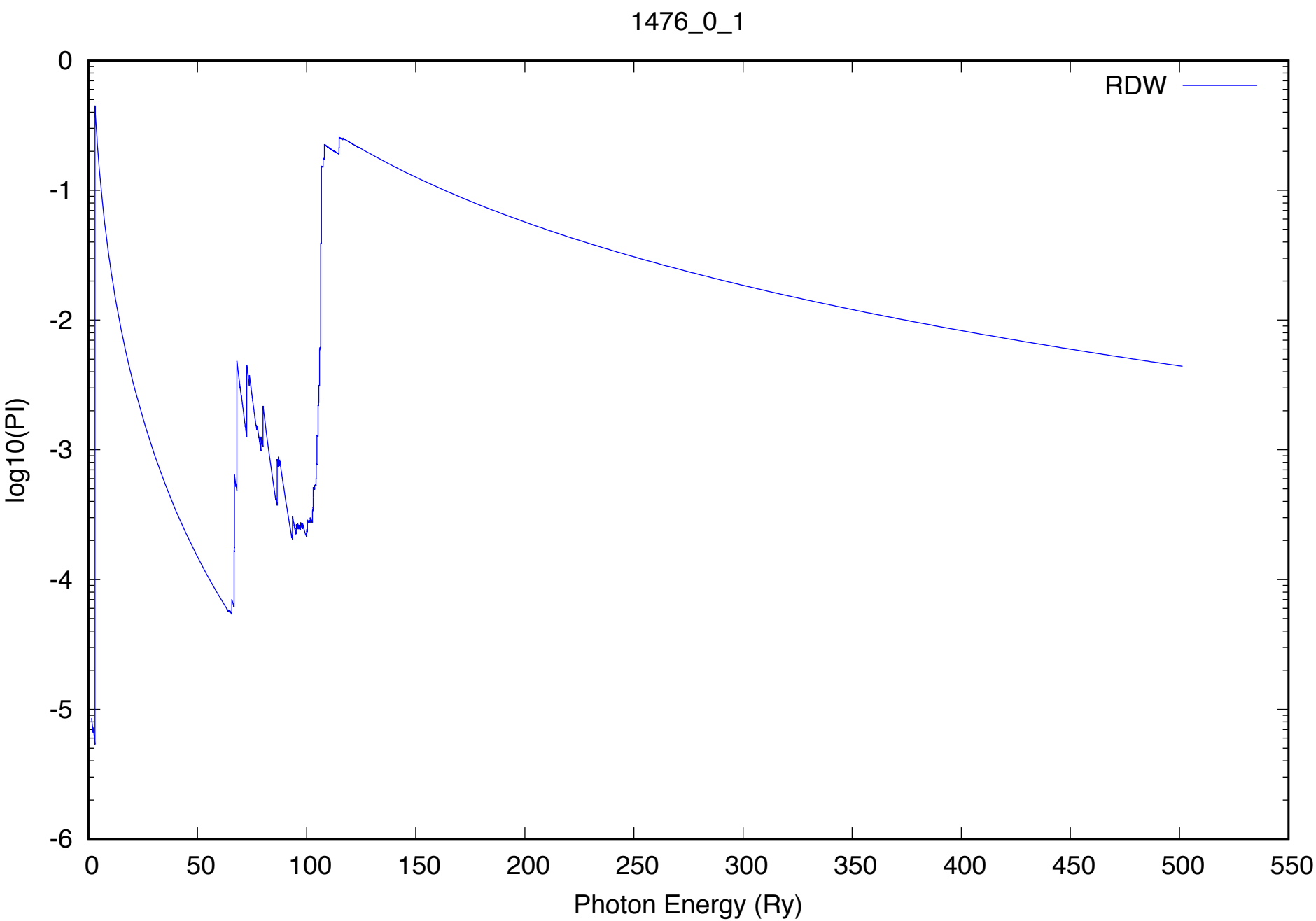
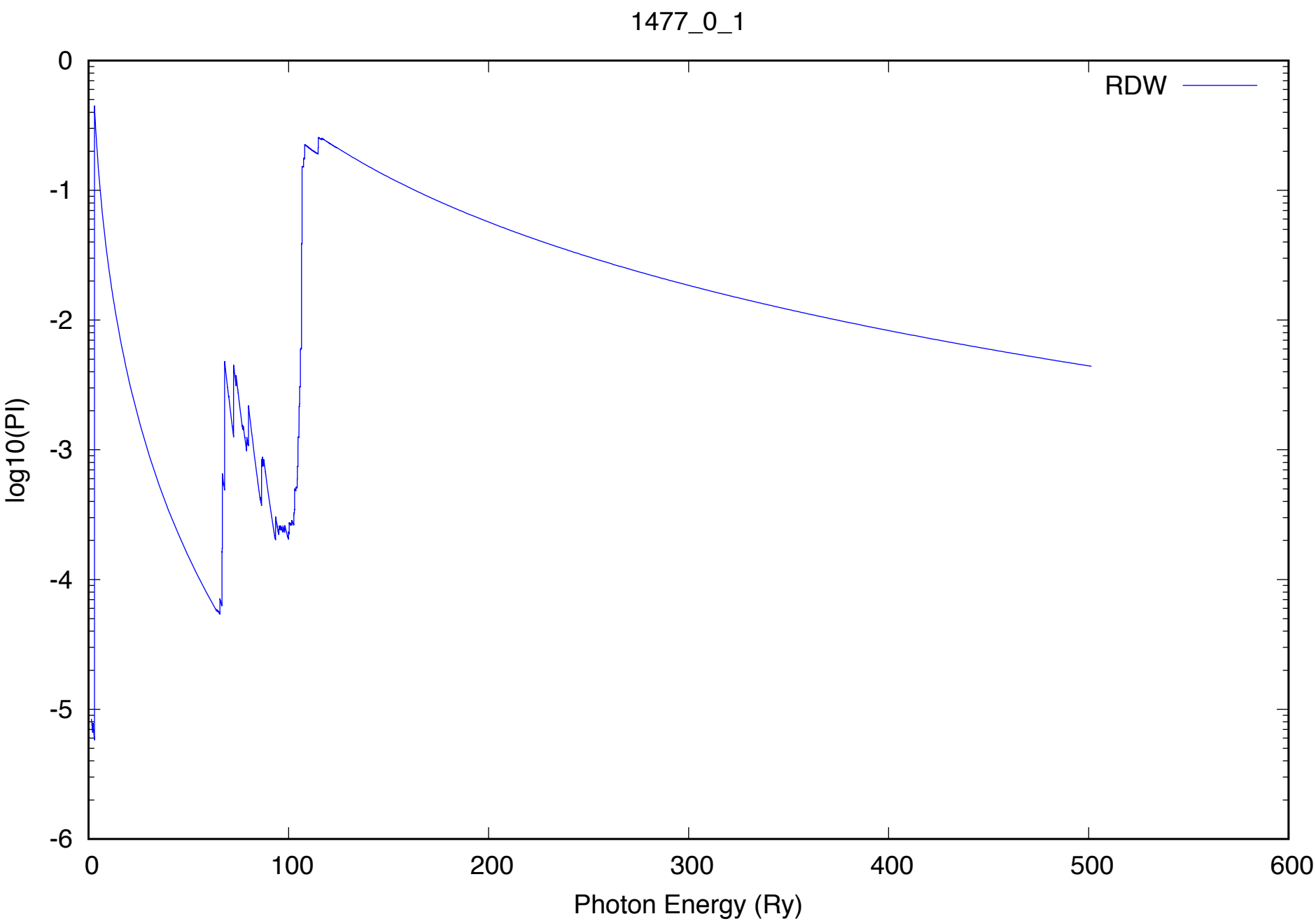
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1475_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
100
200
300
400
500
600


1476_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1477_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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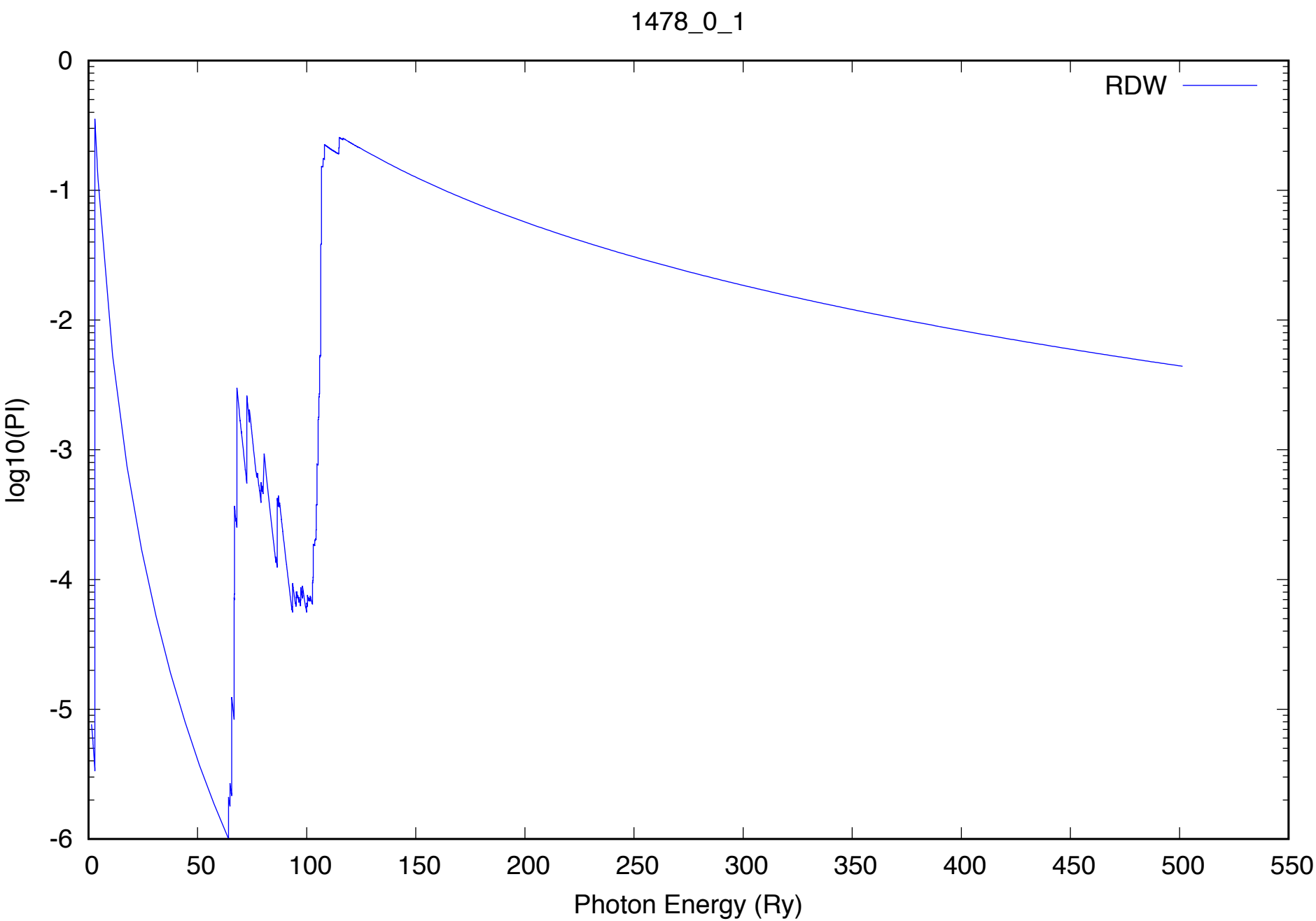
200
300
400
500
600


1478_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
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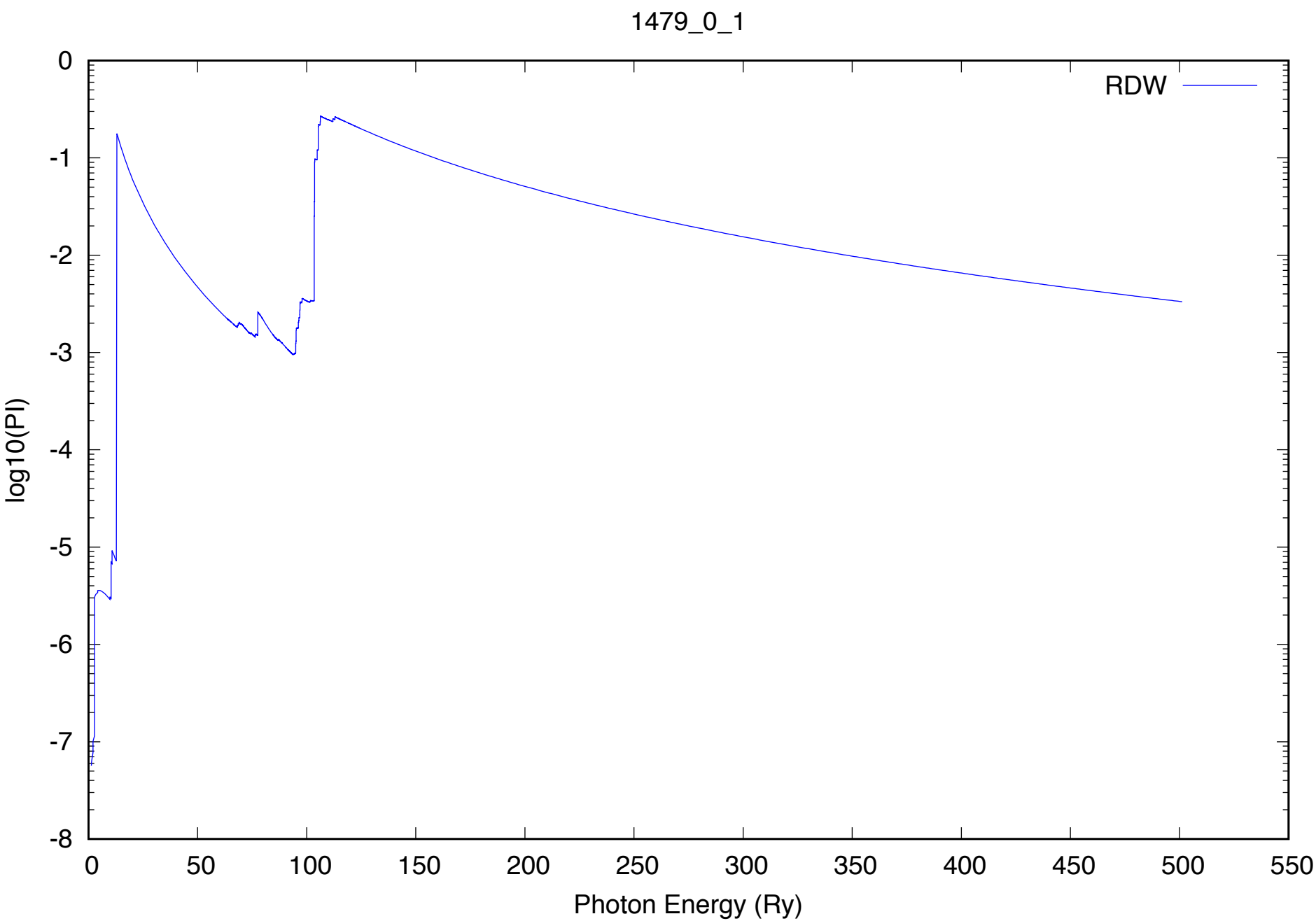
1479_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
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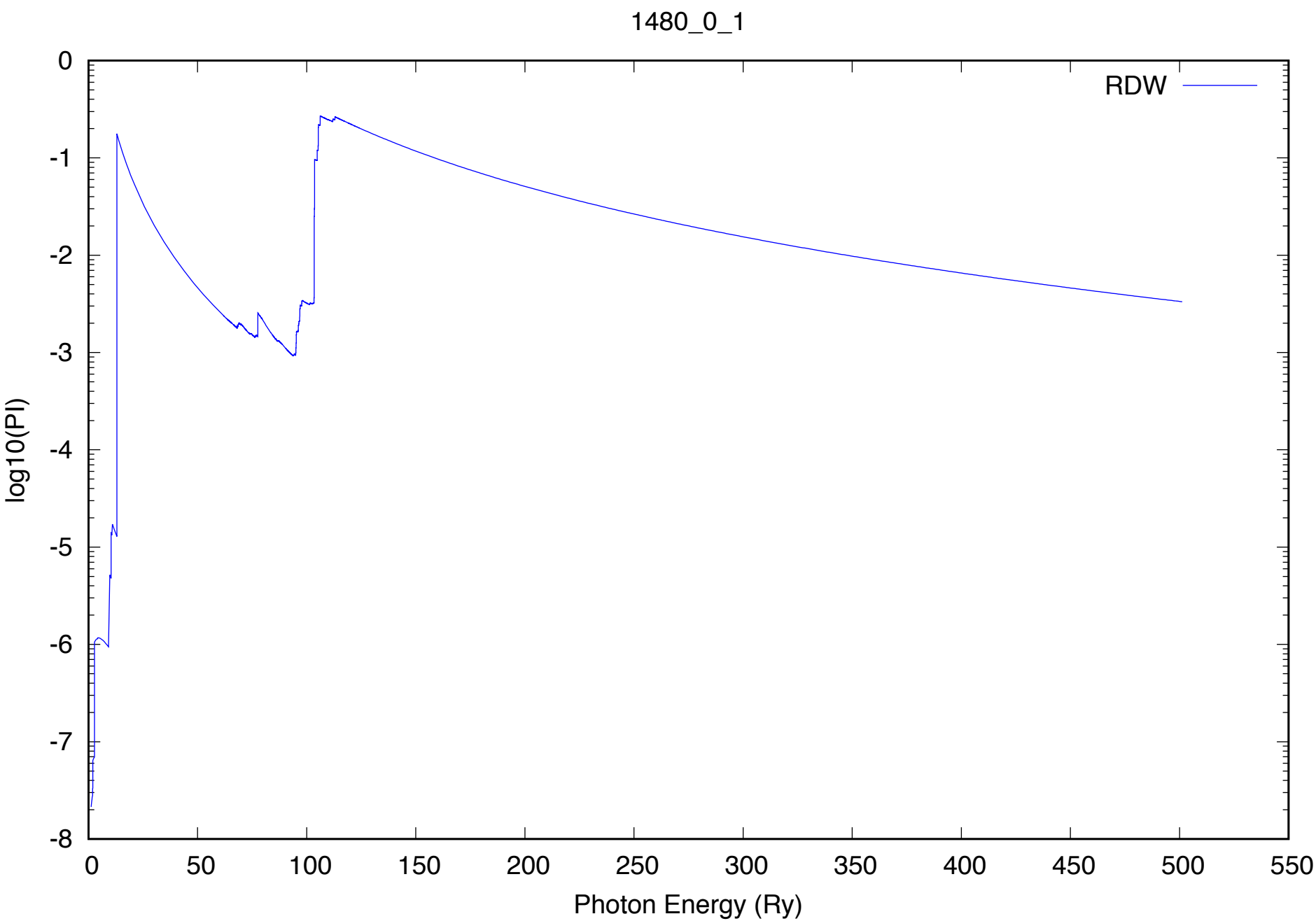
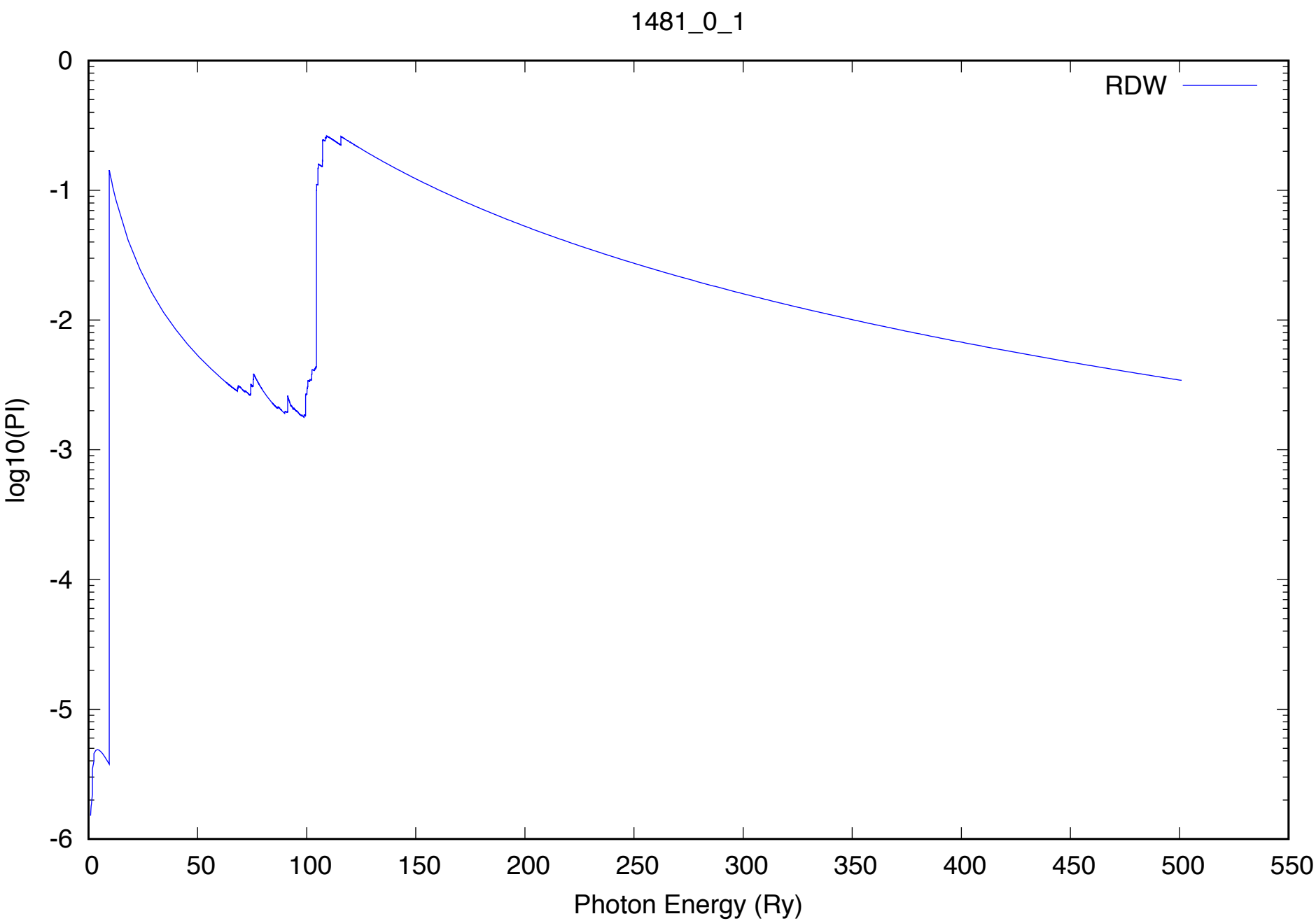
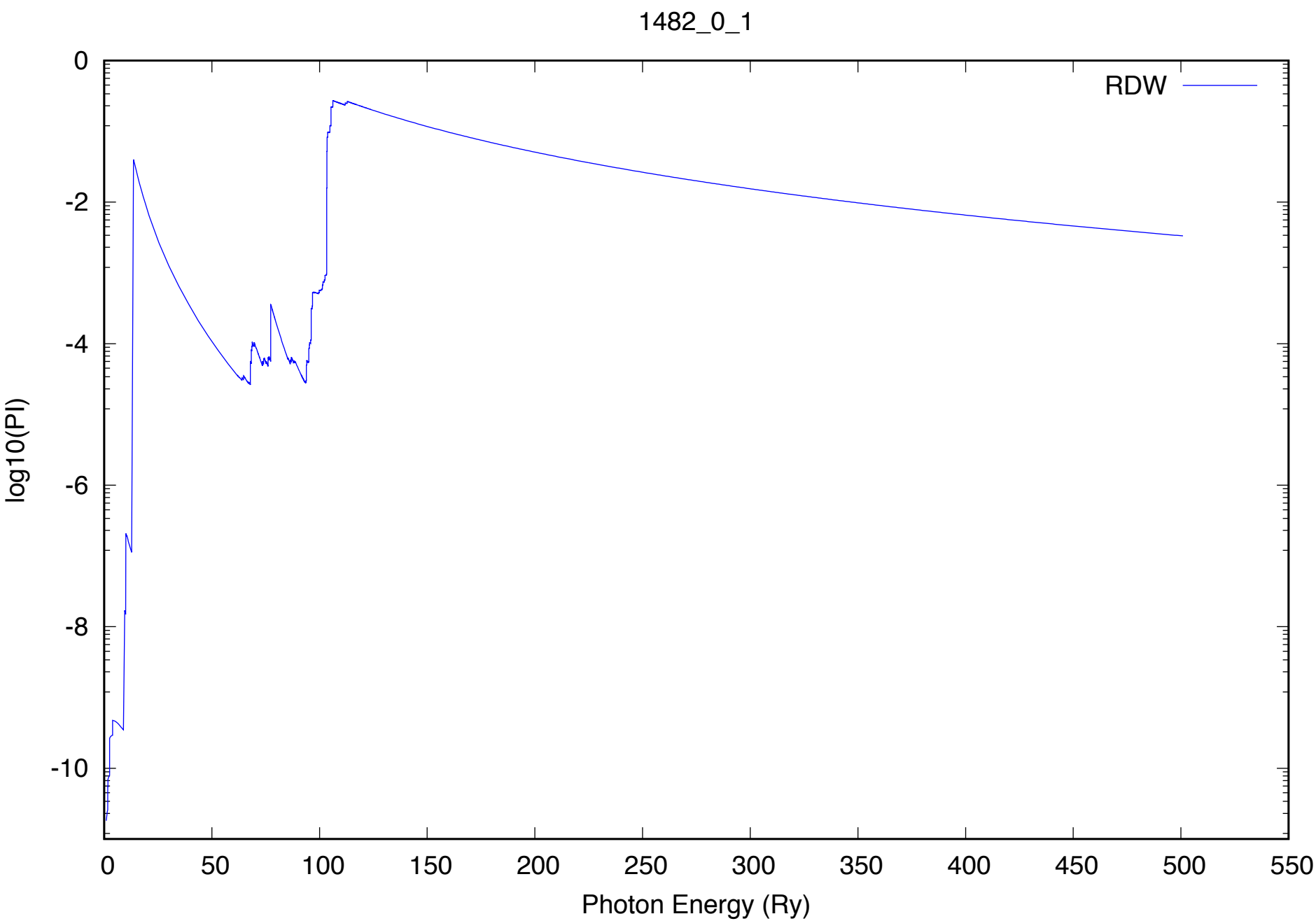
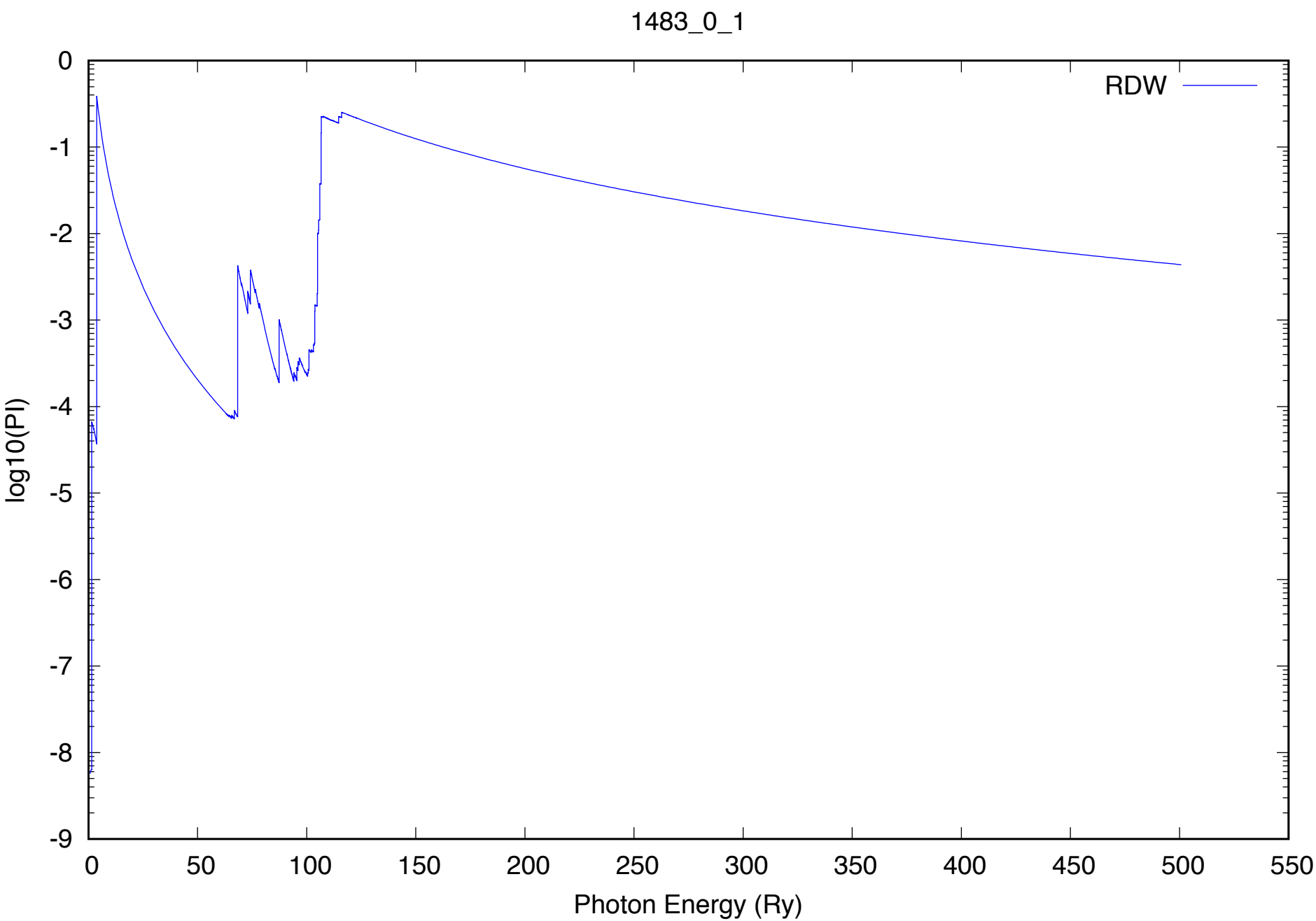
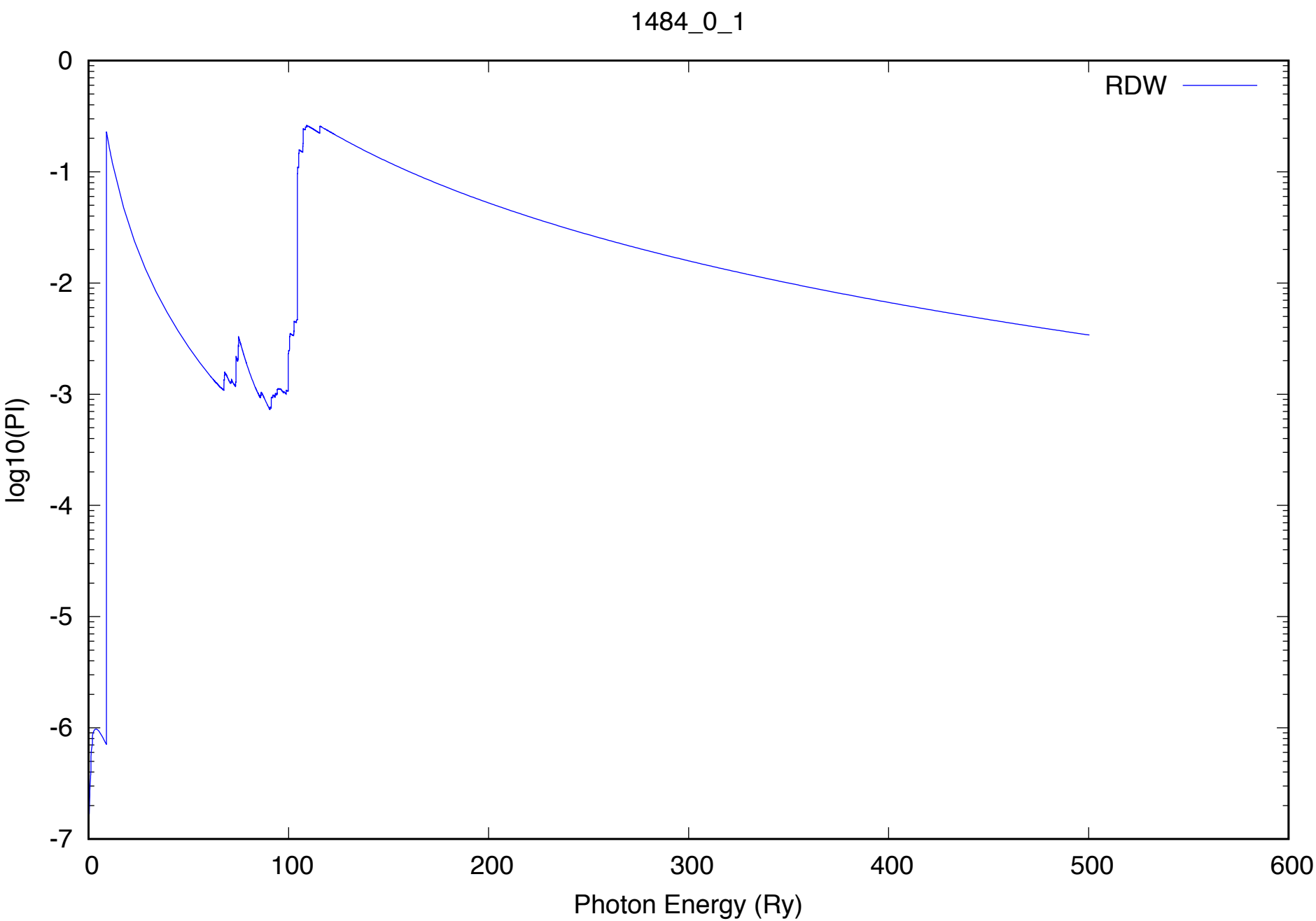
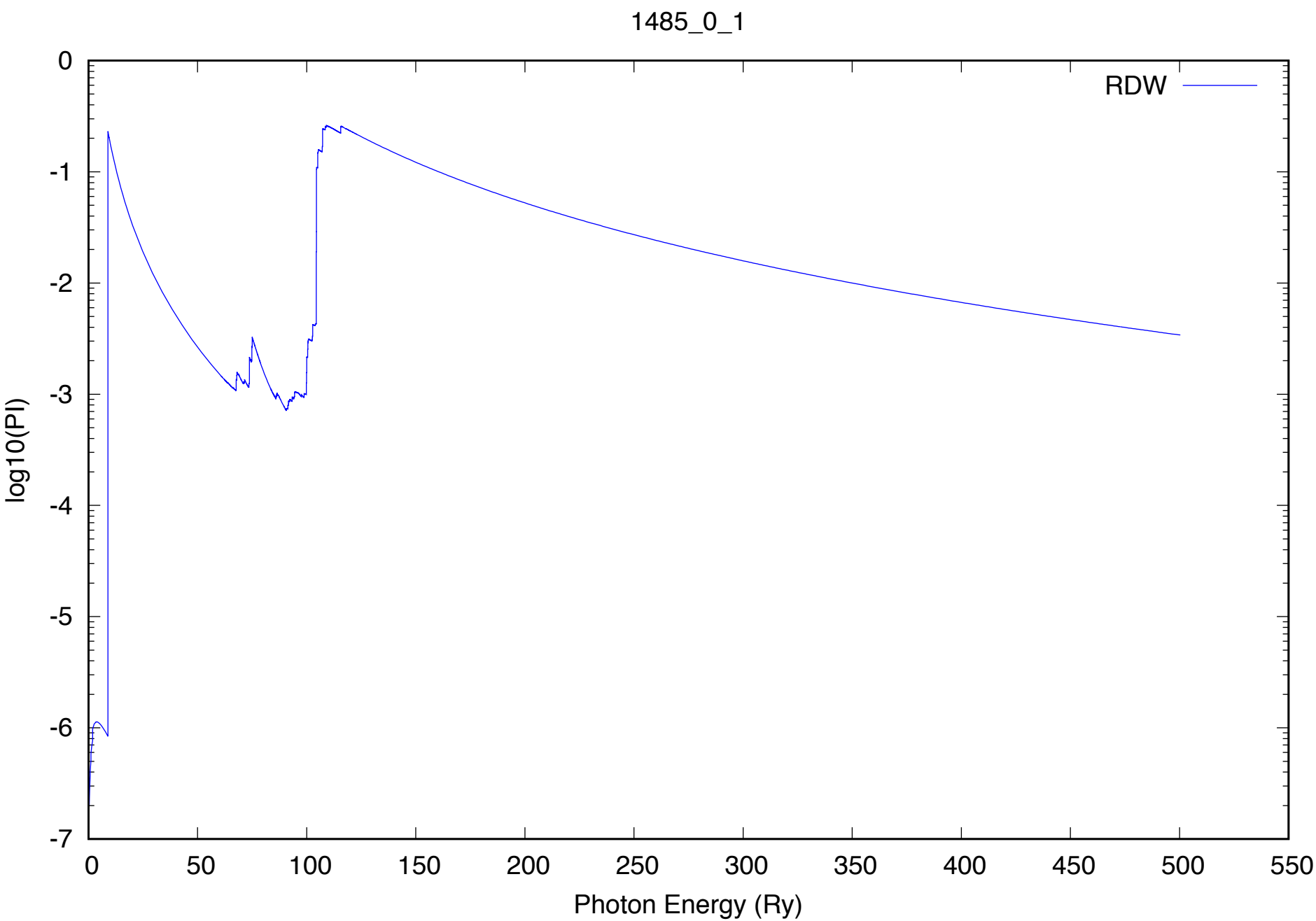

1480_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

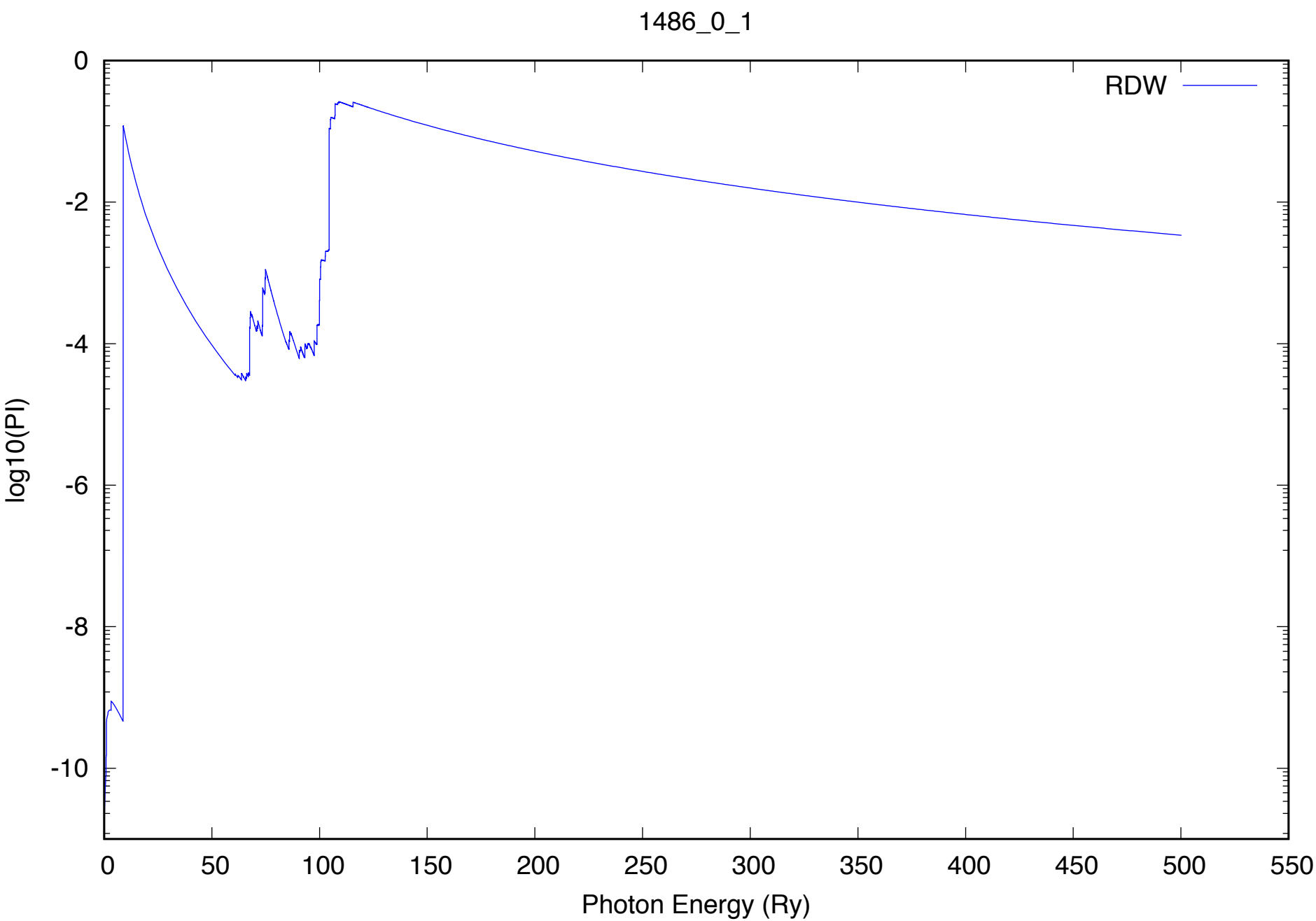

1481_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

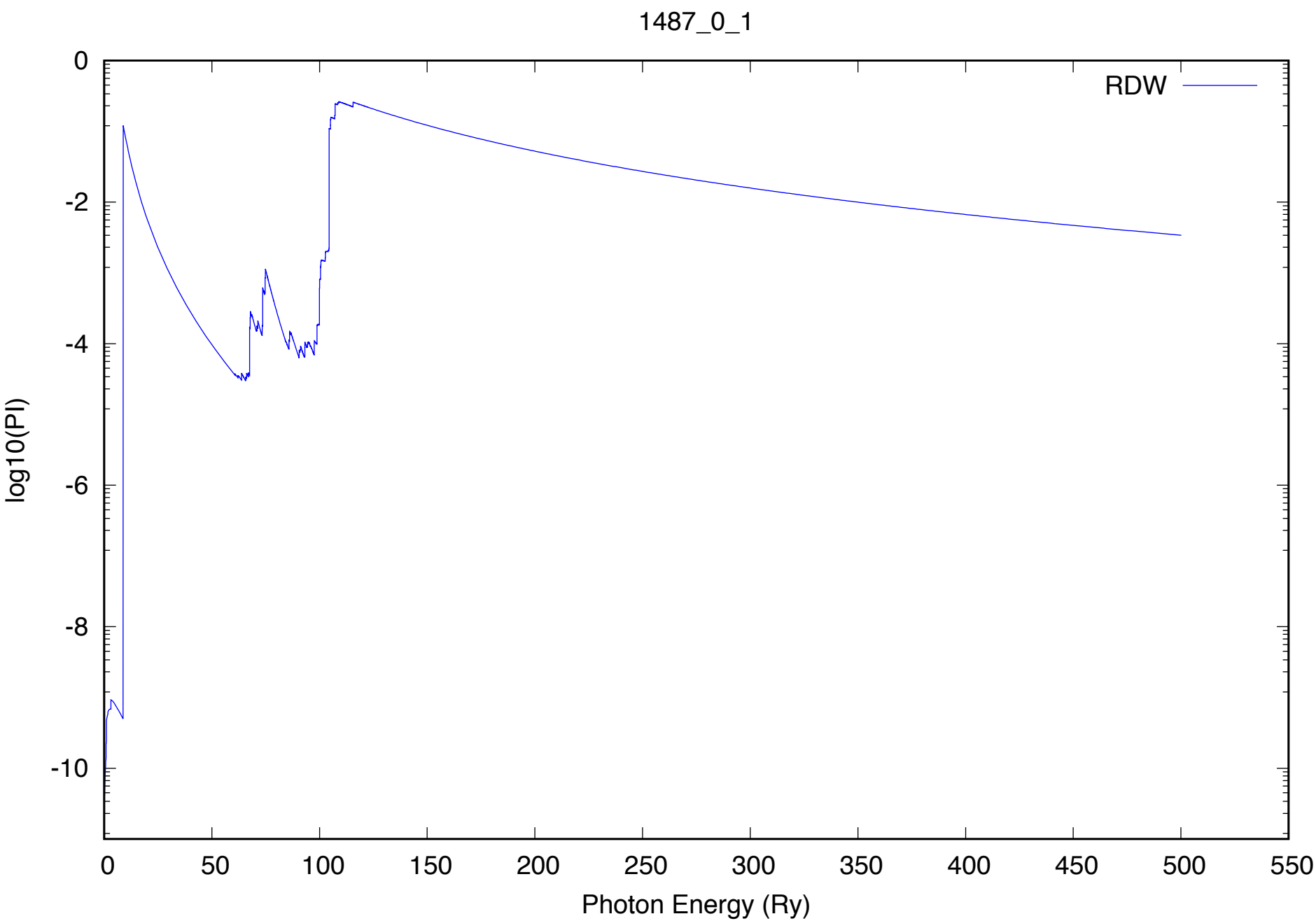

1482_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)

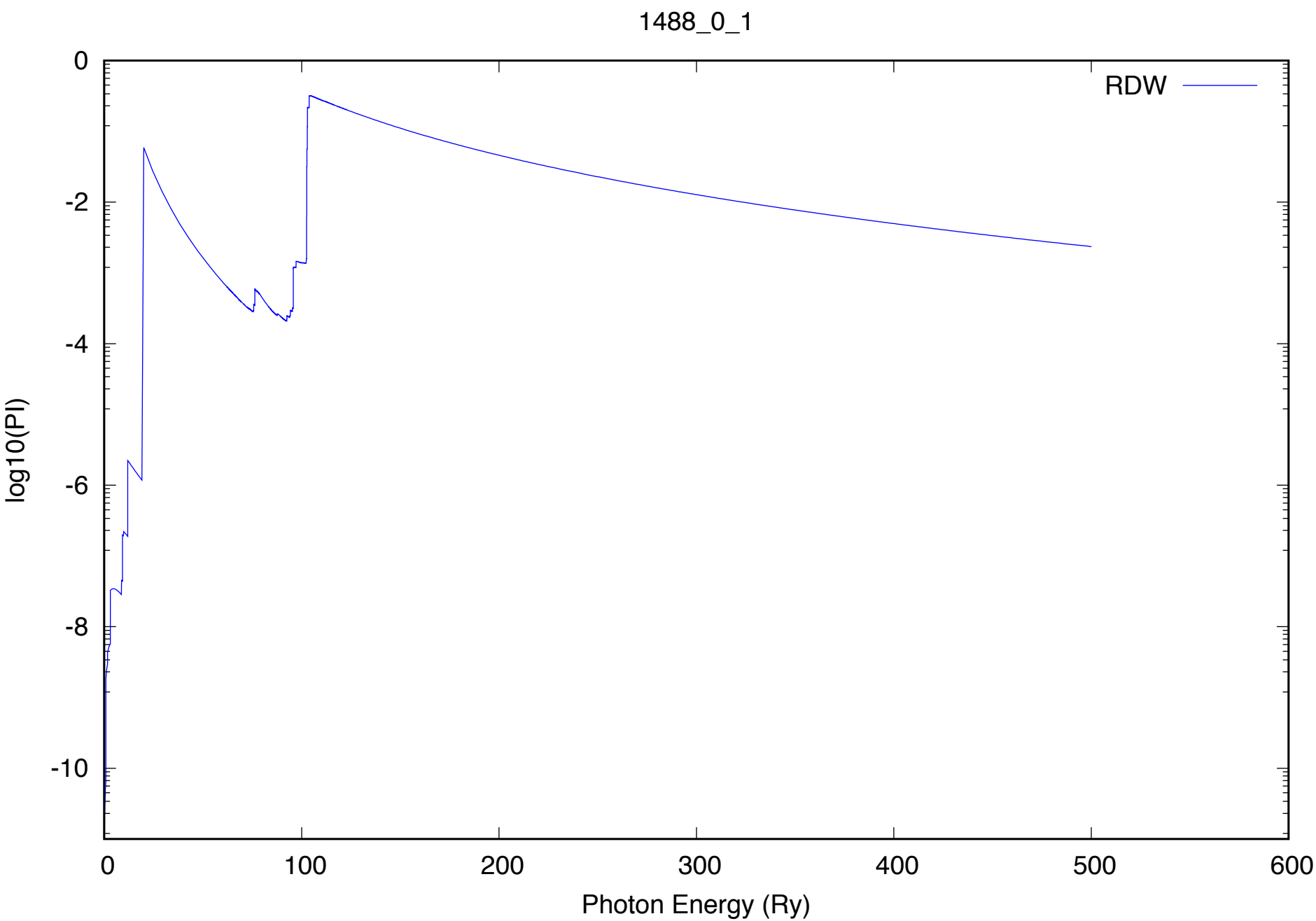

1483_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

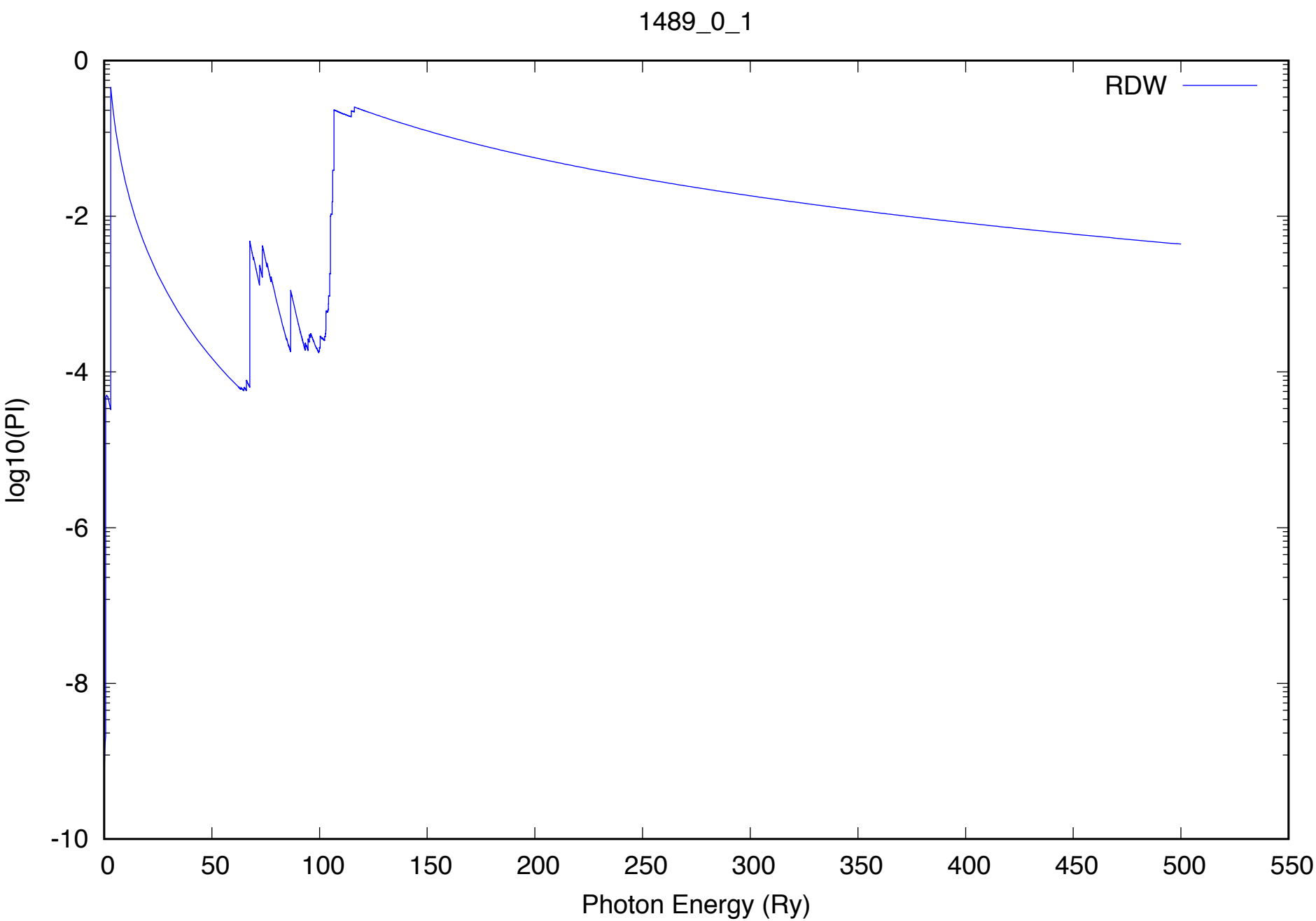

1484_0_1
RDW
log10(PI)
0
-1
-2
-3
-4
-5
-6
-7
0
100
200
300
400
500
600
Photon Energy (Ry)

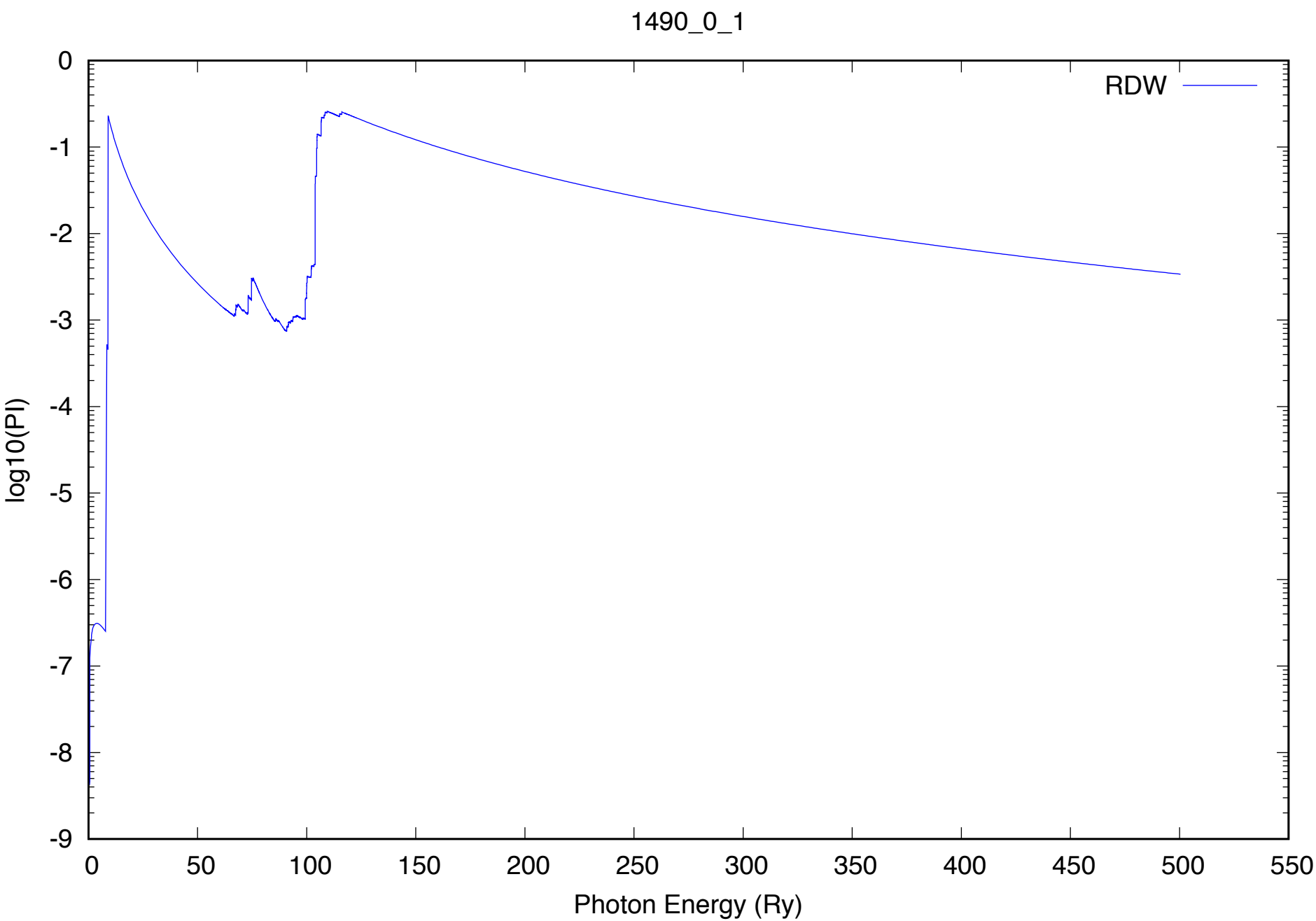

1485_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

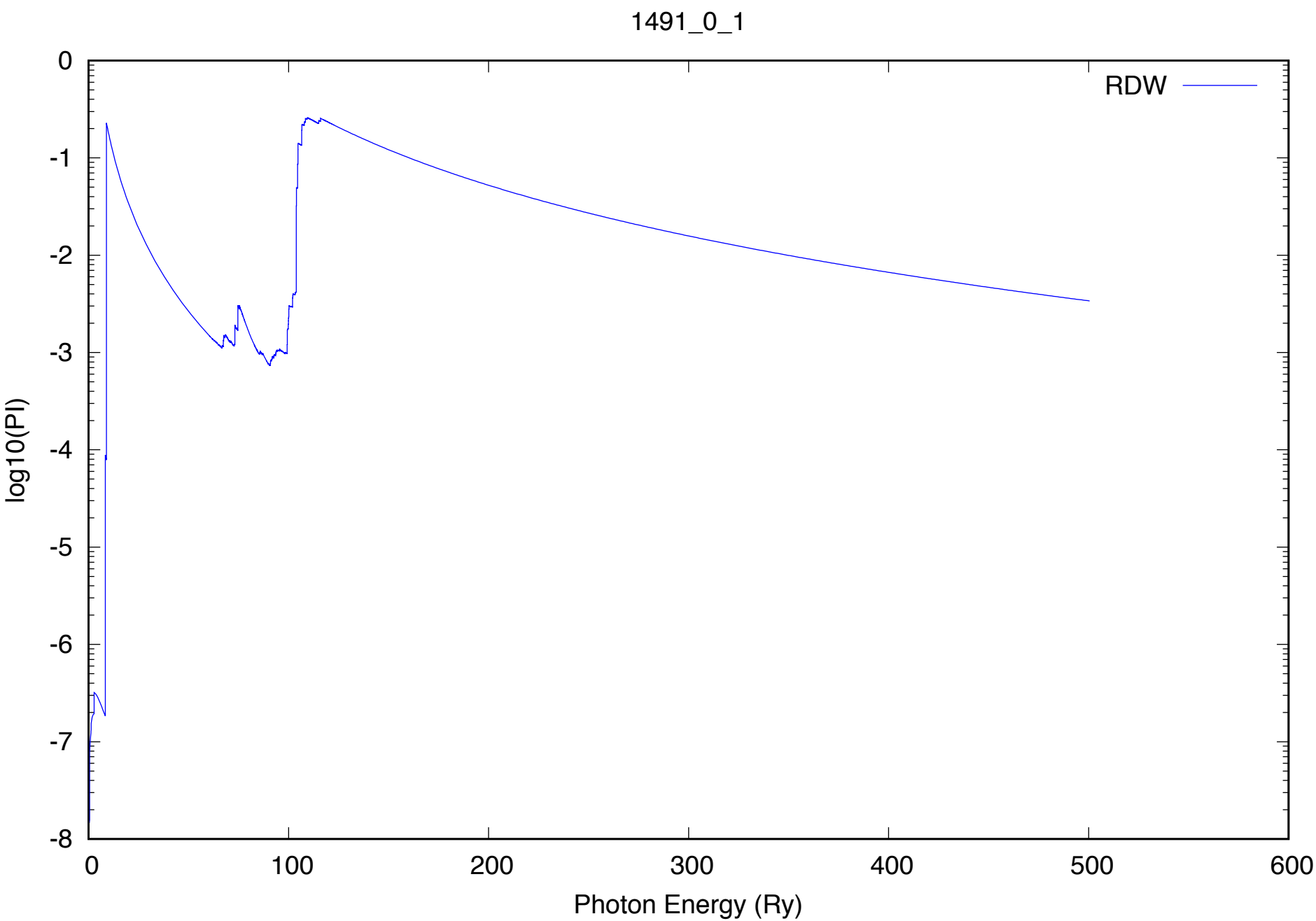

1486_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1487_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1488_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
100
200
300
400
500
600
Photon Energy (Ry)


1489_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550


1490_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1491_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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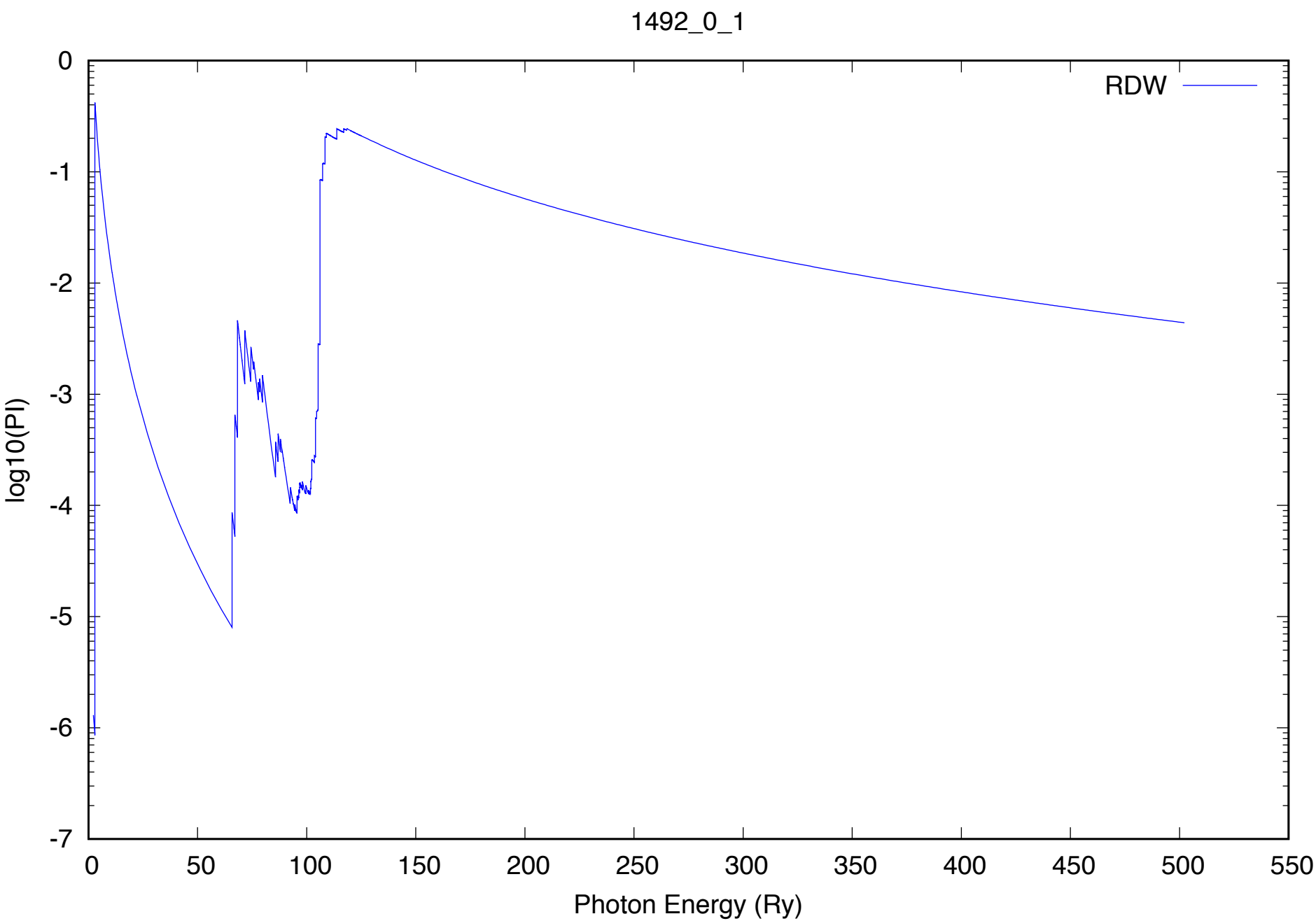
200
300
400
500
600


1492_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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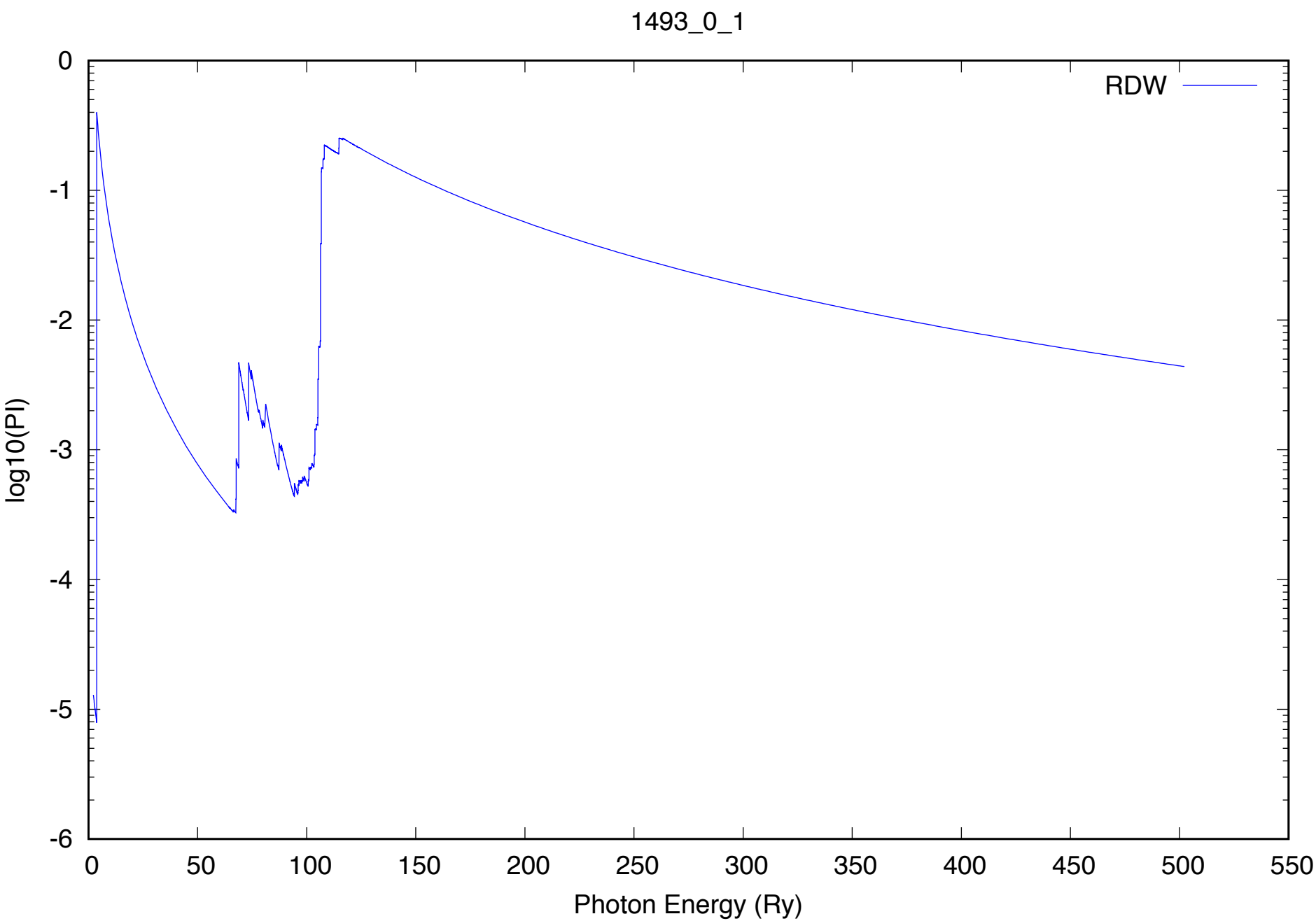
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1493_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
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200
250
300
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400
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500
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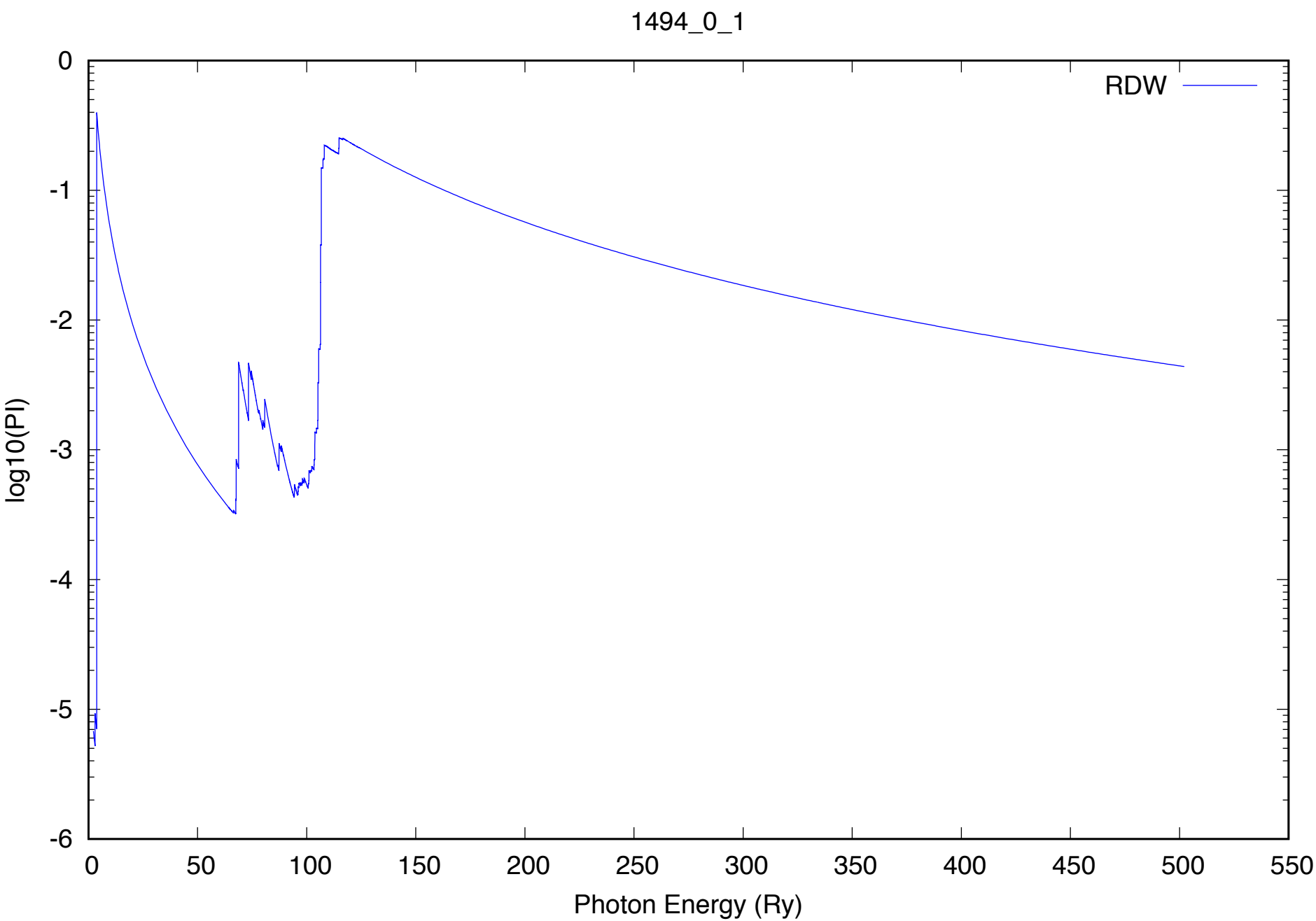
1494_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
-2
-3
-4
-5
-6
0
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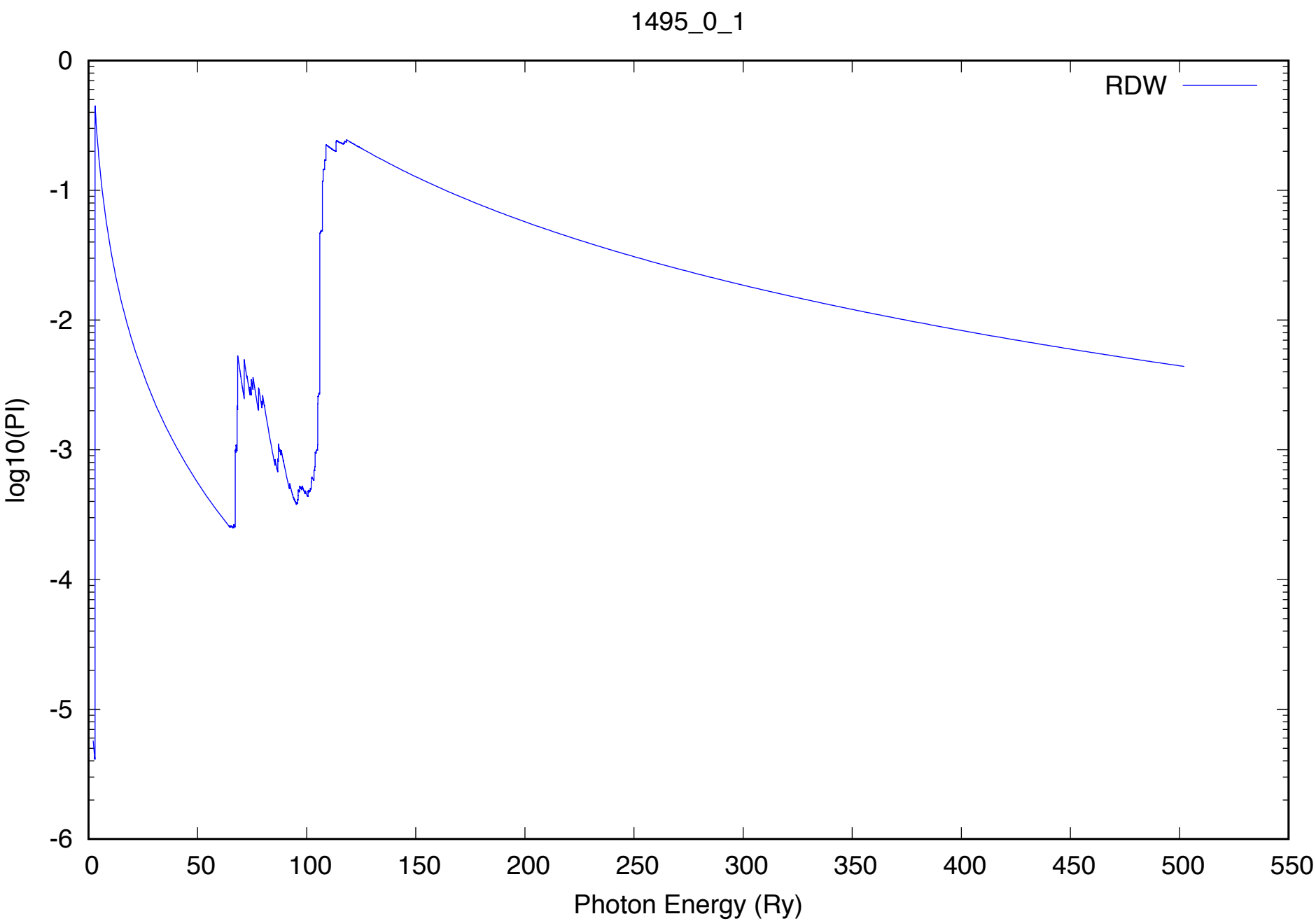
100
150
200
250
300
350
400
450
500
550


1495_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-3
-4
-5
-6
0
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100
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200
250
300
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400
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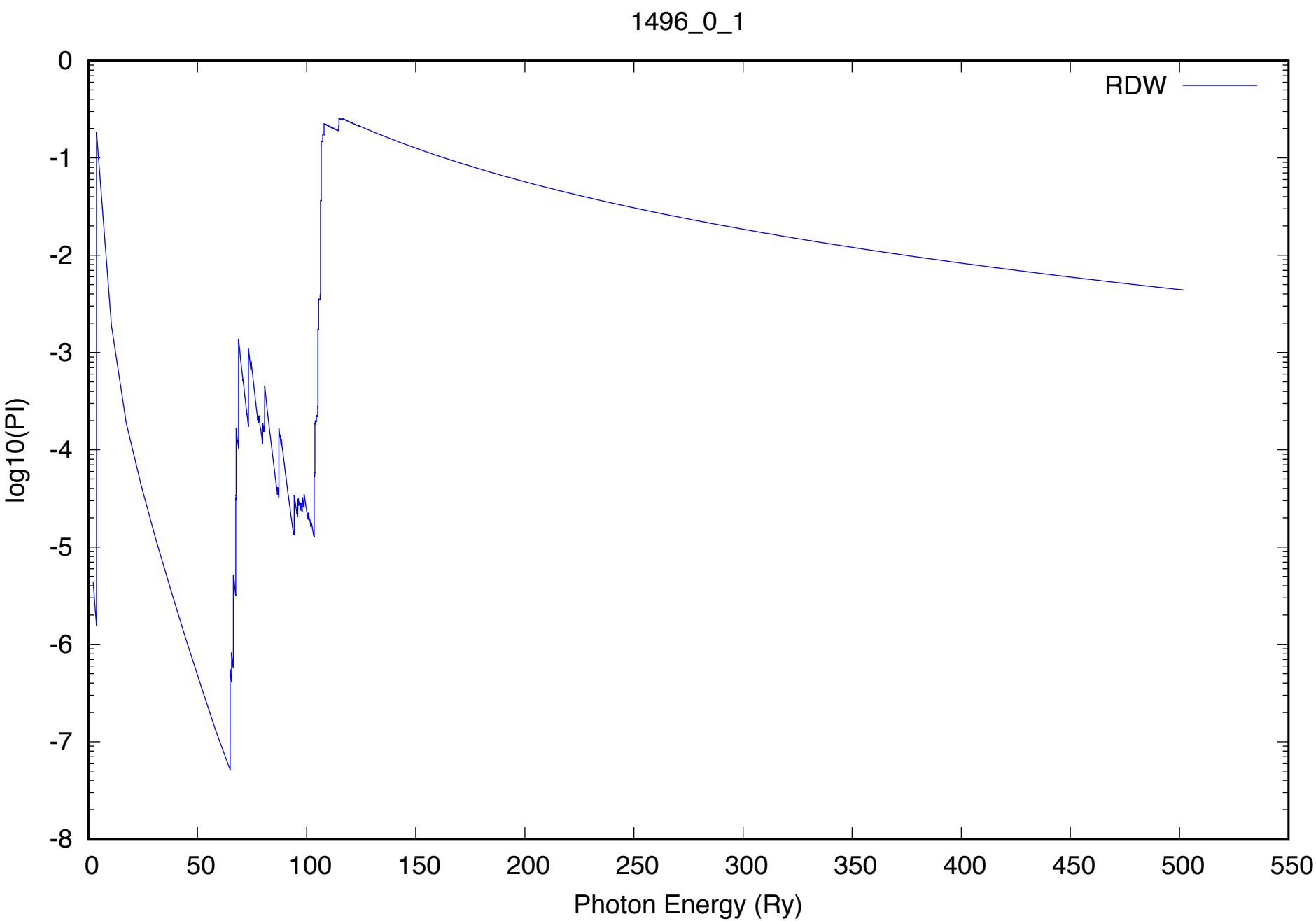
500
550


1496_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
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-6
-7
-8
0
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100
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200
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300
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400
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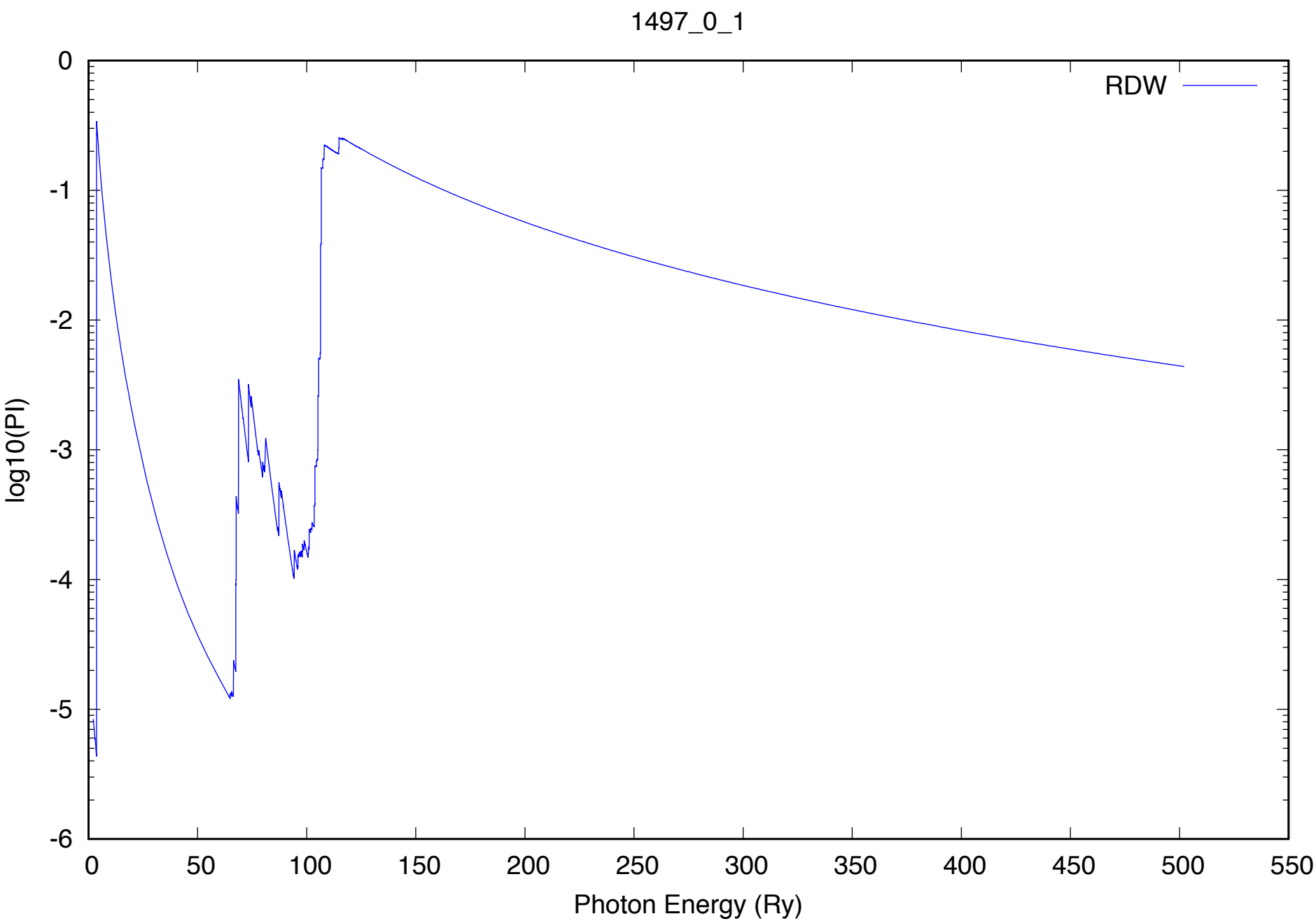
500
550


1497_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-3
-4
-5
-6
0
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200
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300
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400
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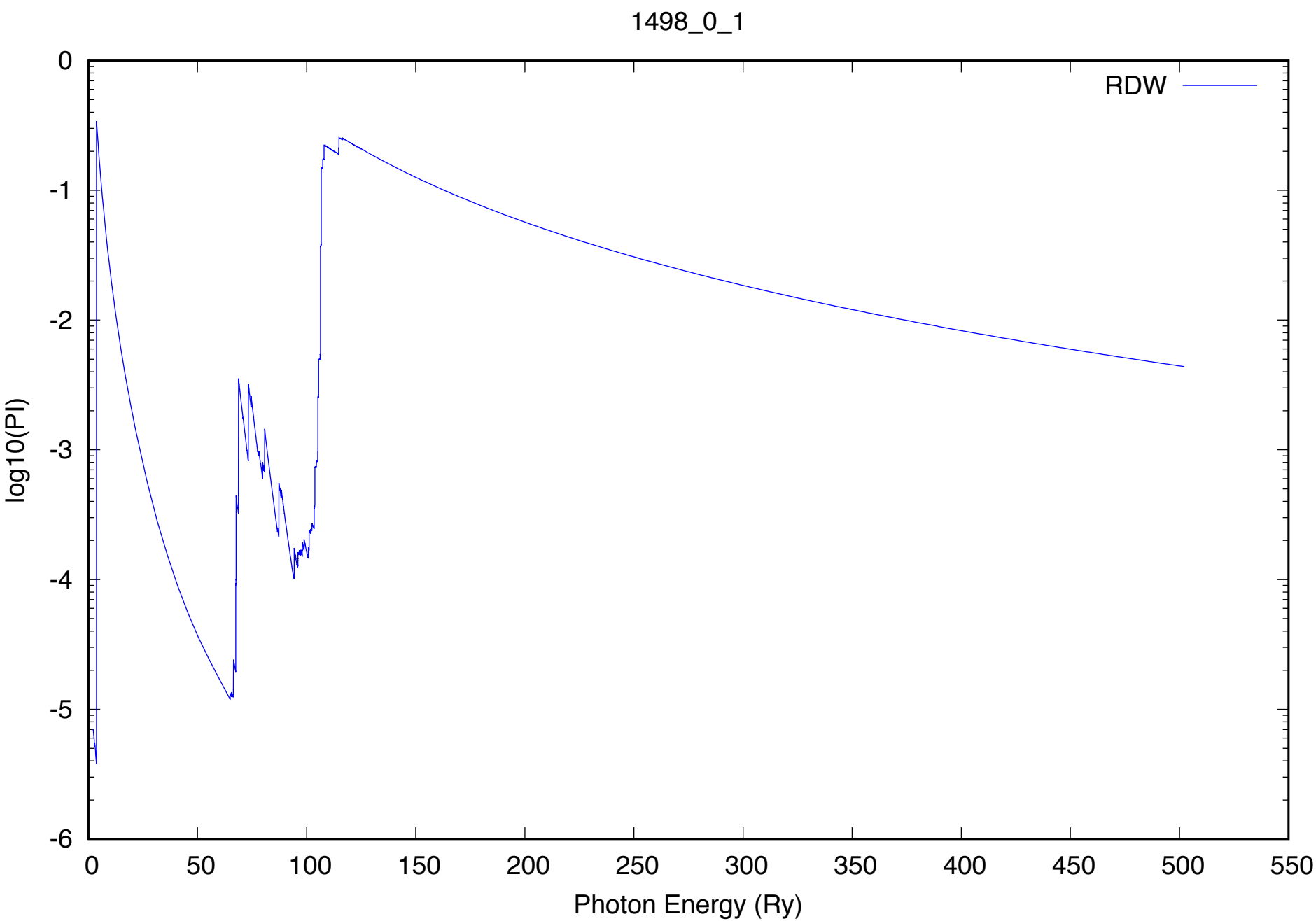
500
550


1498_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
-3
-4
-5
-6
0
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100
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200
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300
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400
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500
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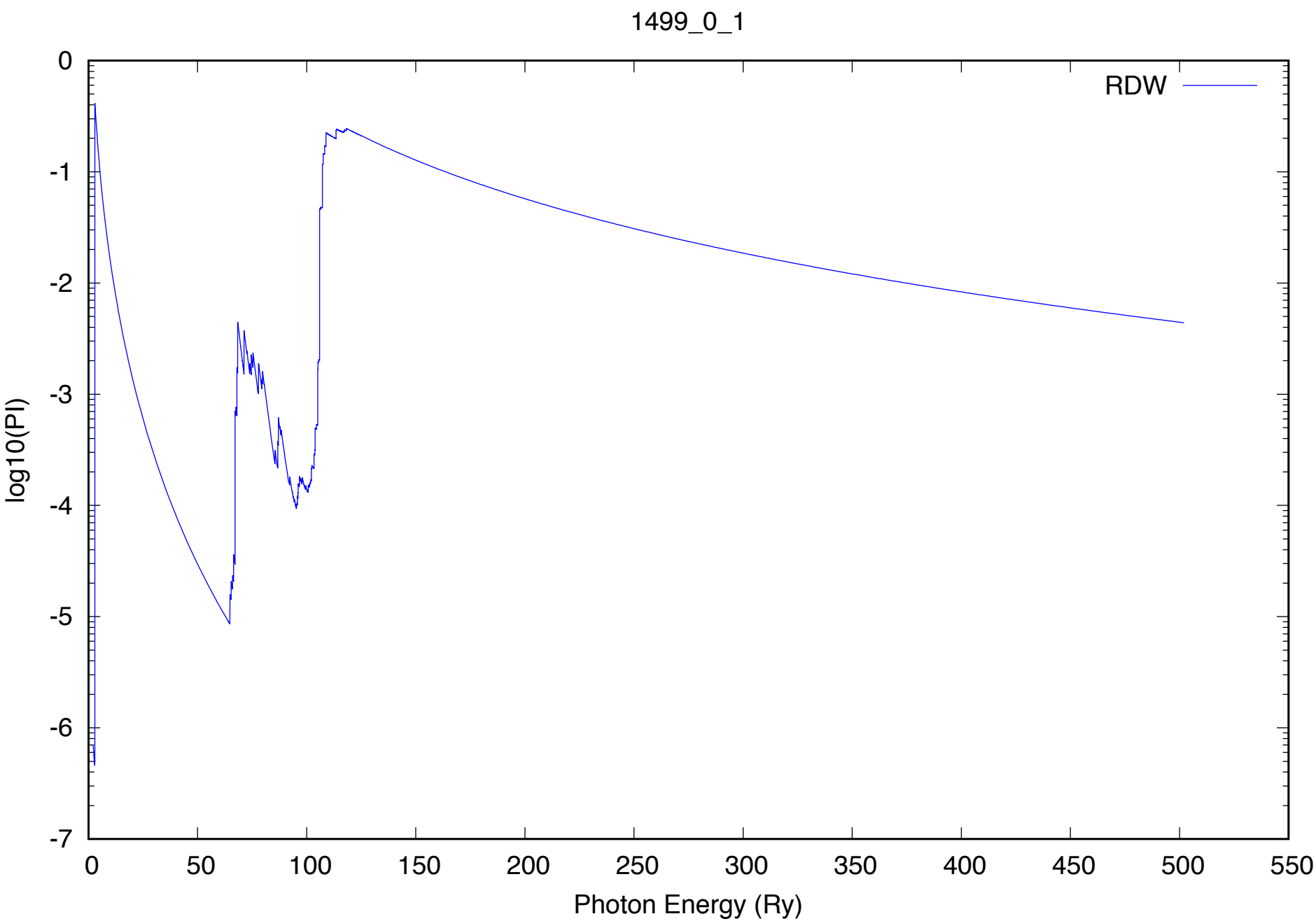
1499_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-1
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-3
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-5
-6
-7
0
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100
150
200
250
300
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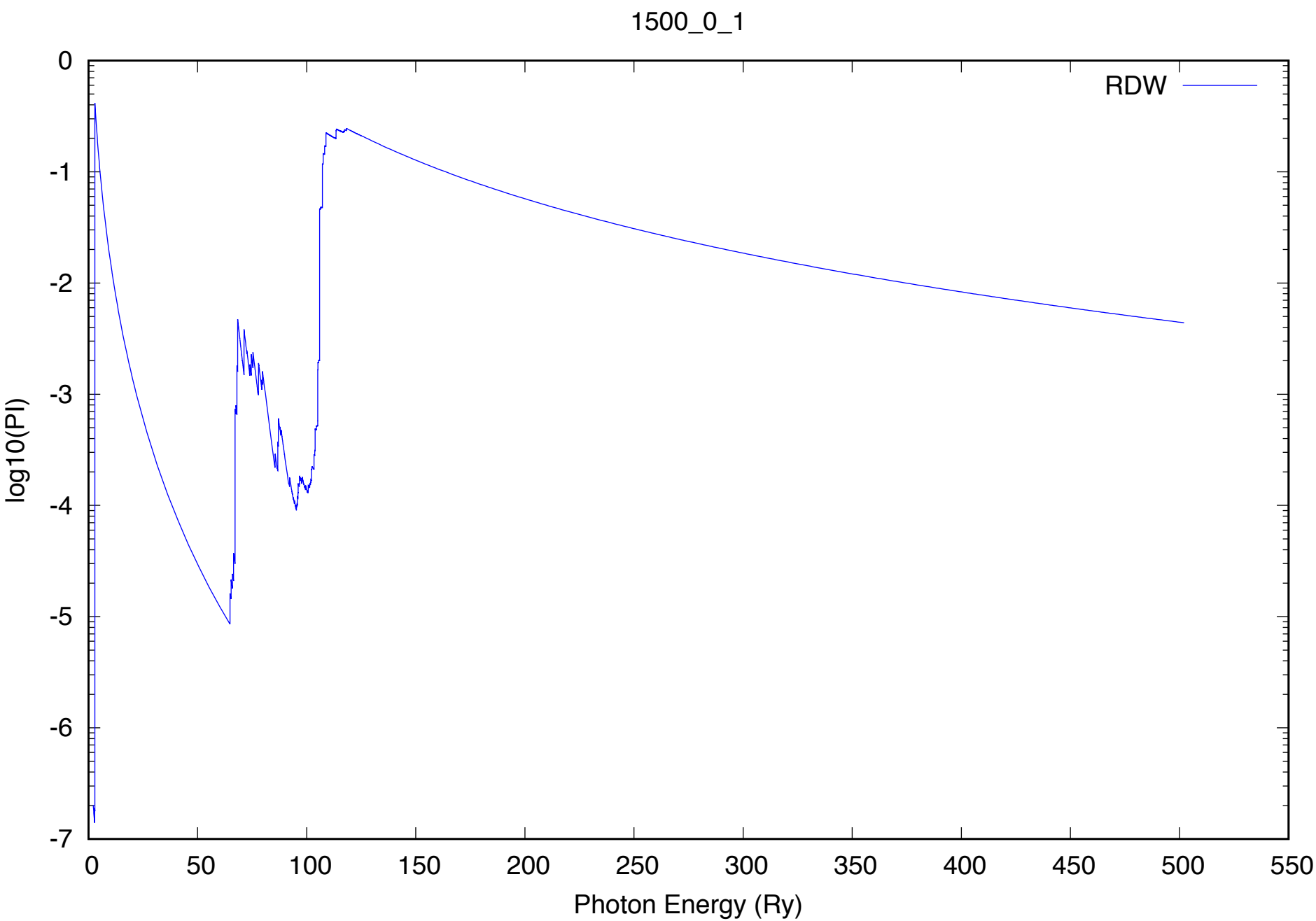
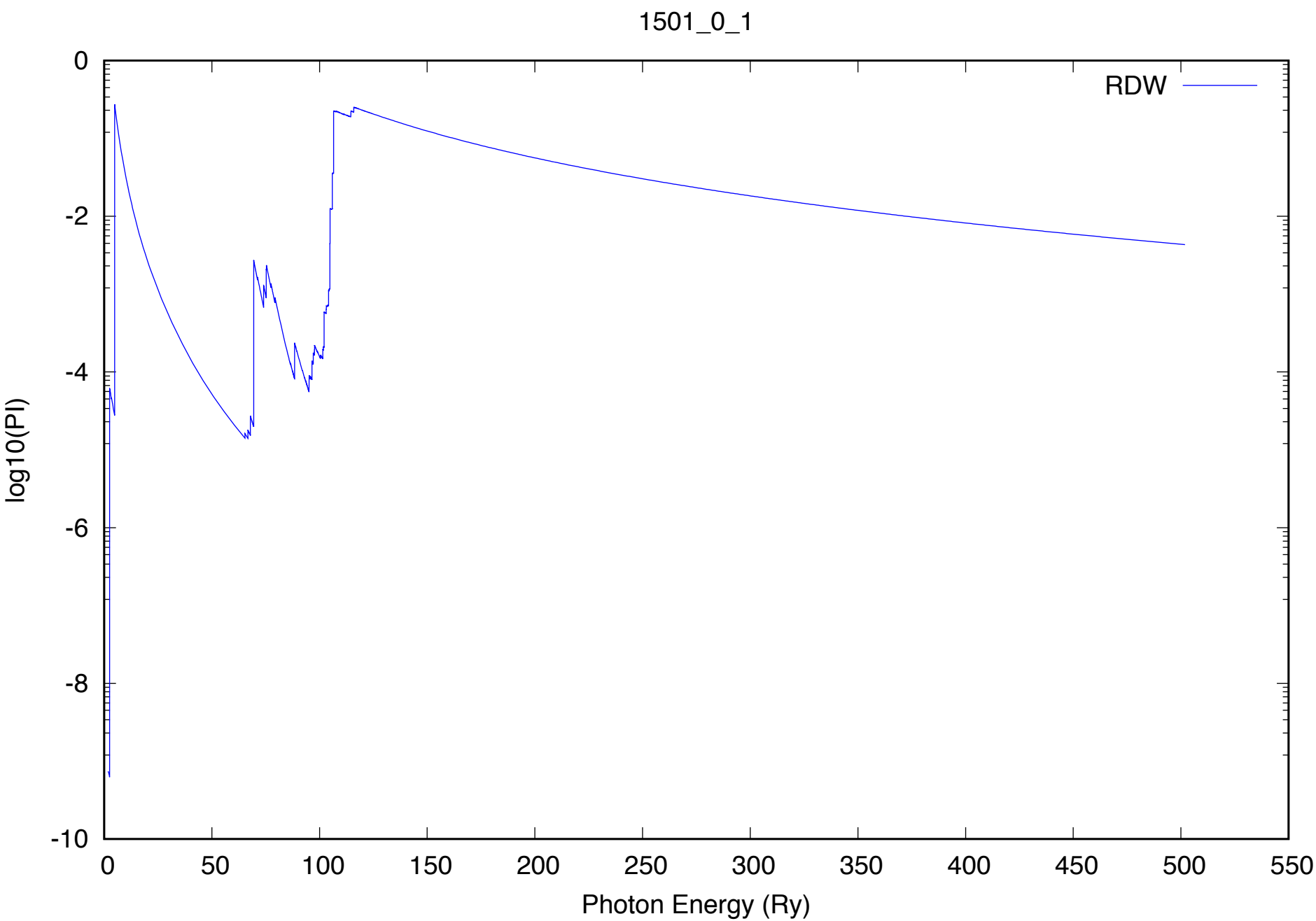
400
450
500
550


1500_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1501_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
-8
-10
0
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100
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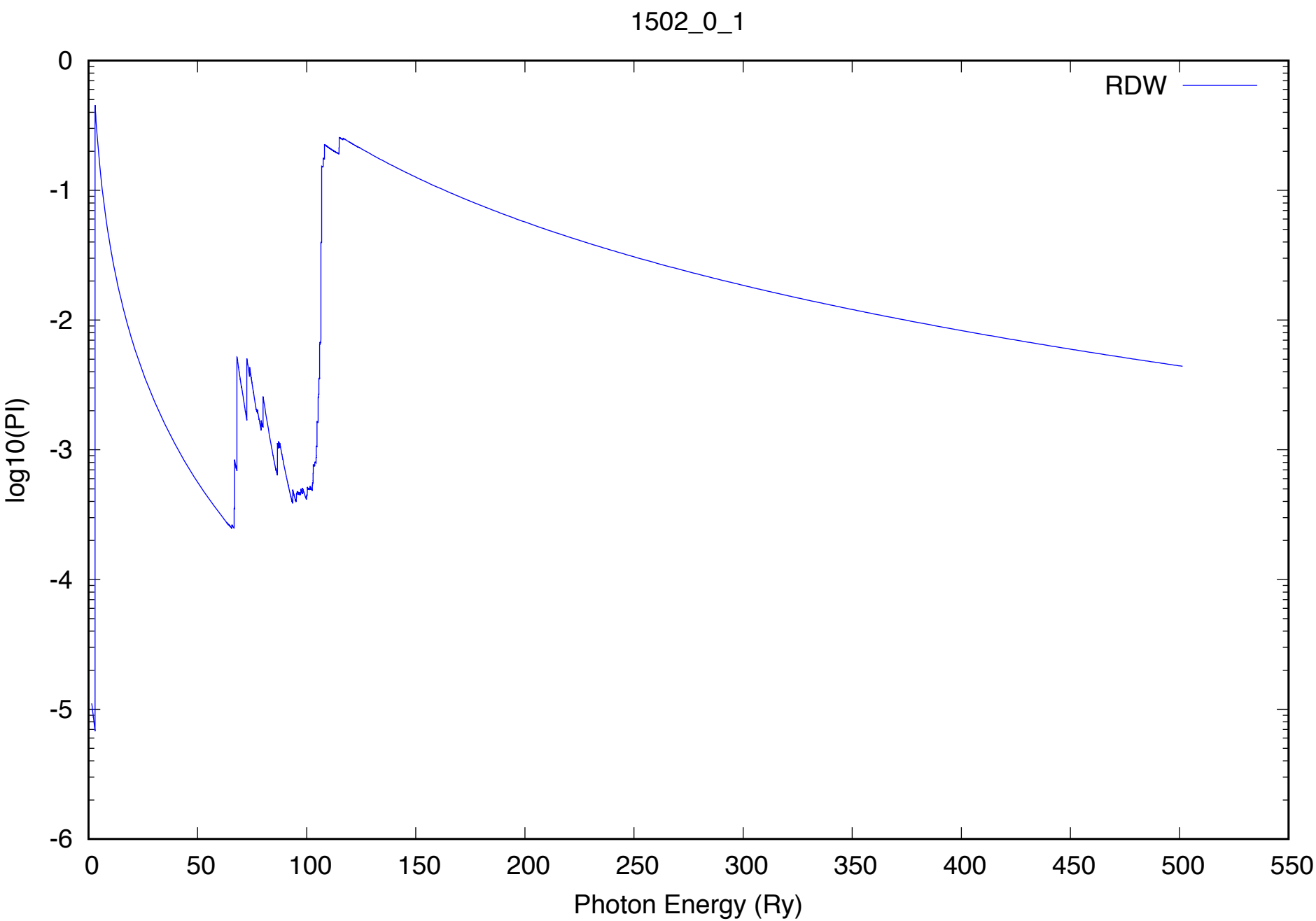
200
250
300
350
400
450
500
550


1502_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
-3
-4
-5
-6
0
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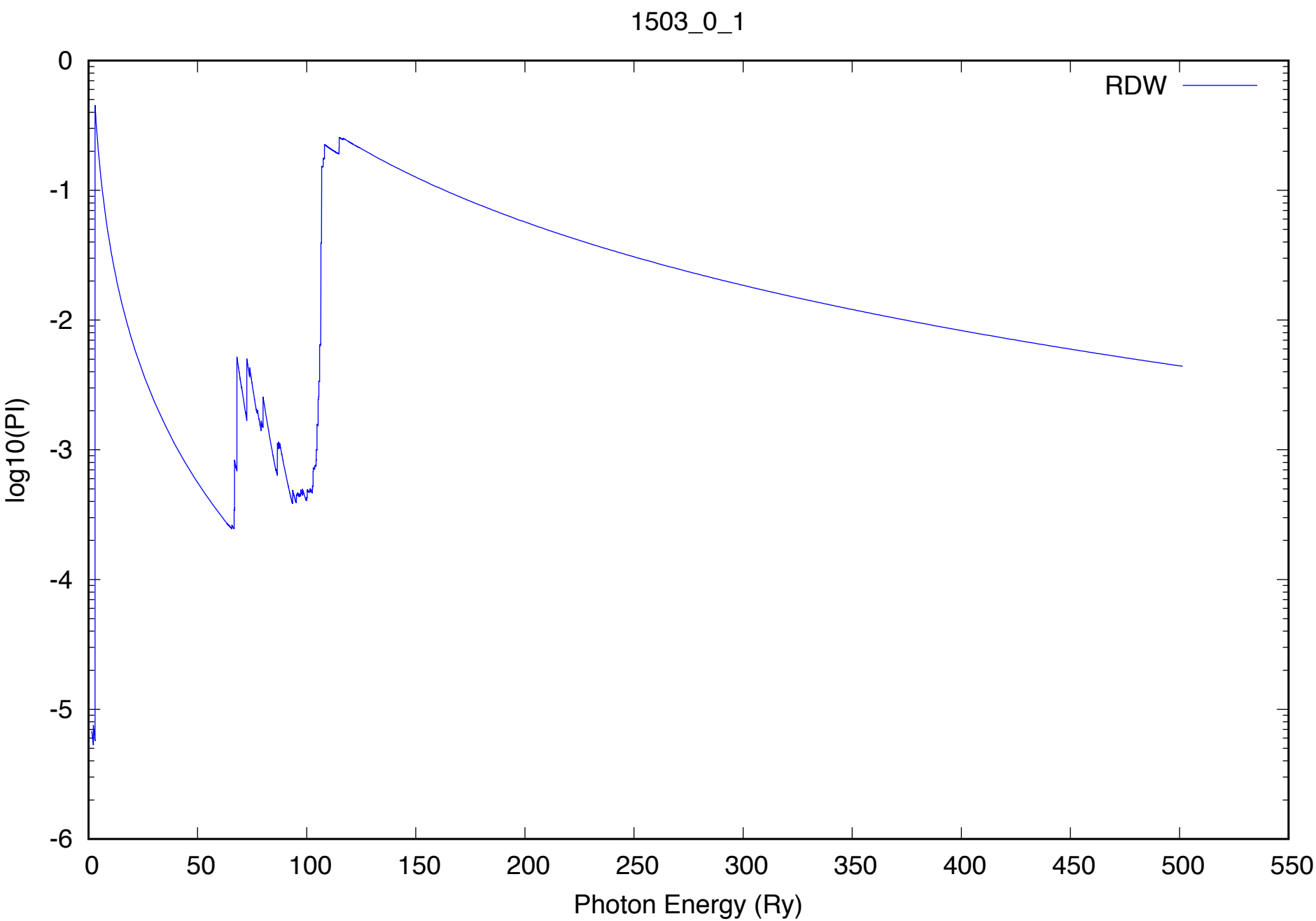
100
150
200
250
300
350
400
450
500
550


1503_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-4
-5
-6
0
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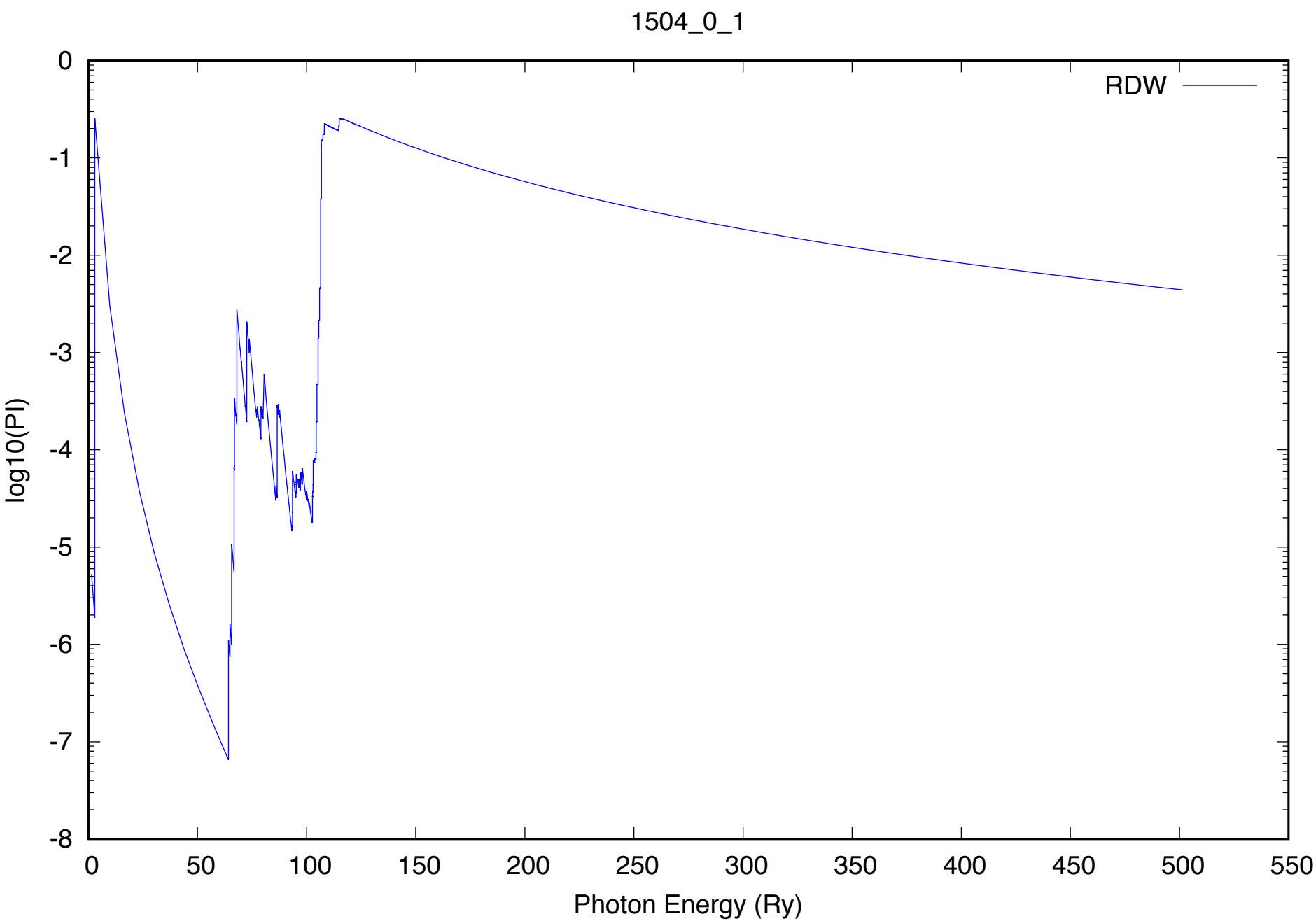
150
200
250
300
350
400
450
500
550


1504_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
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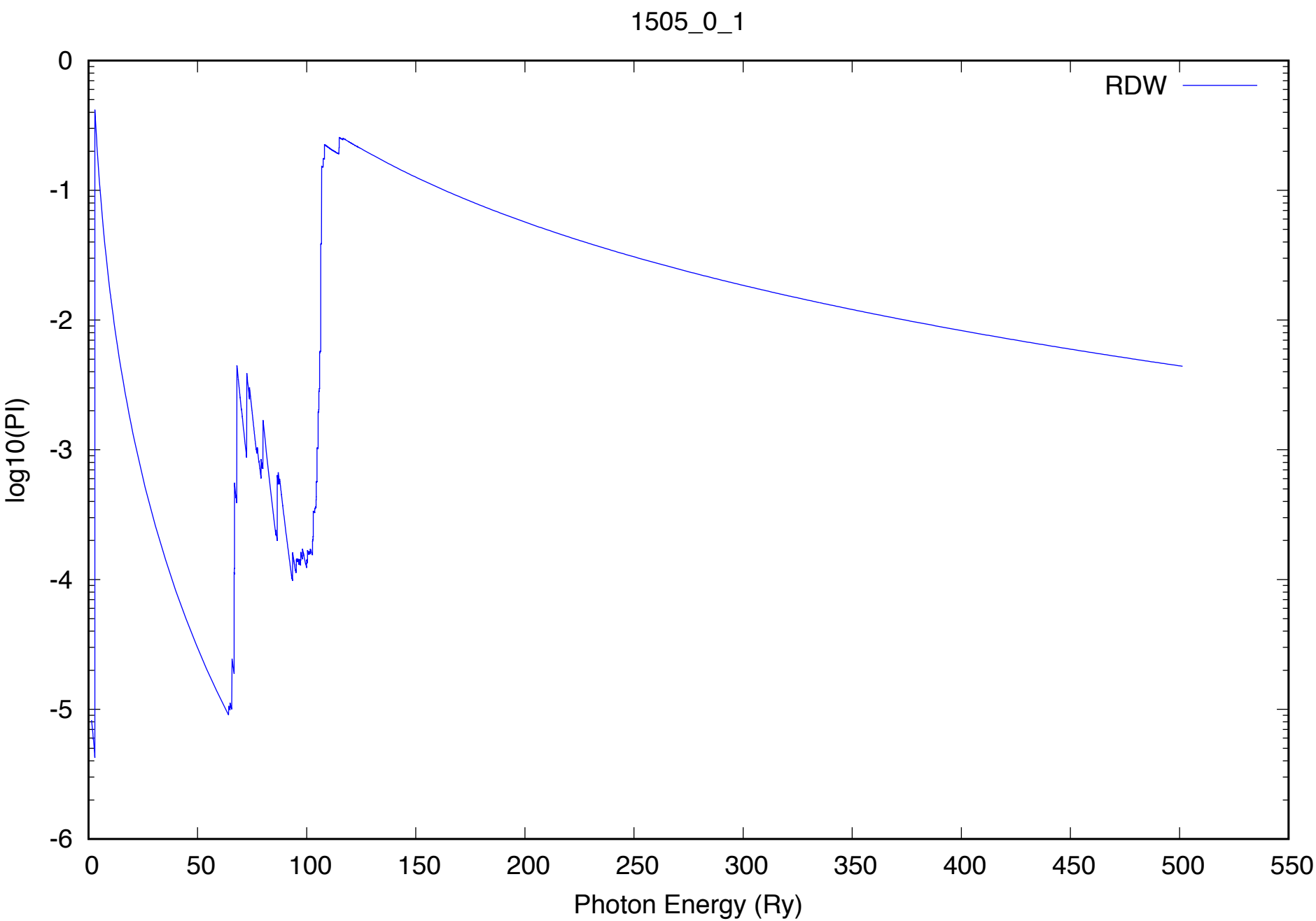
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1505_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-3
-4
-5
-6
0
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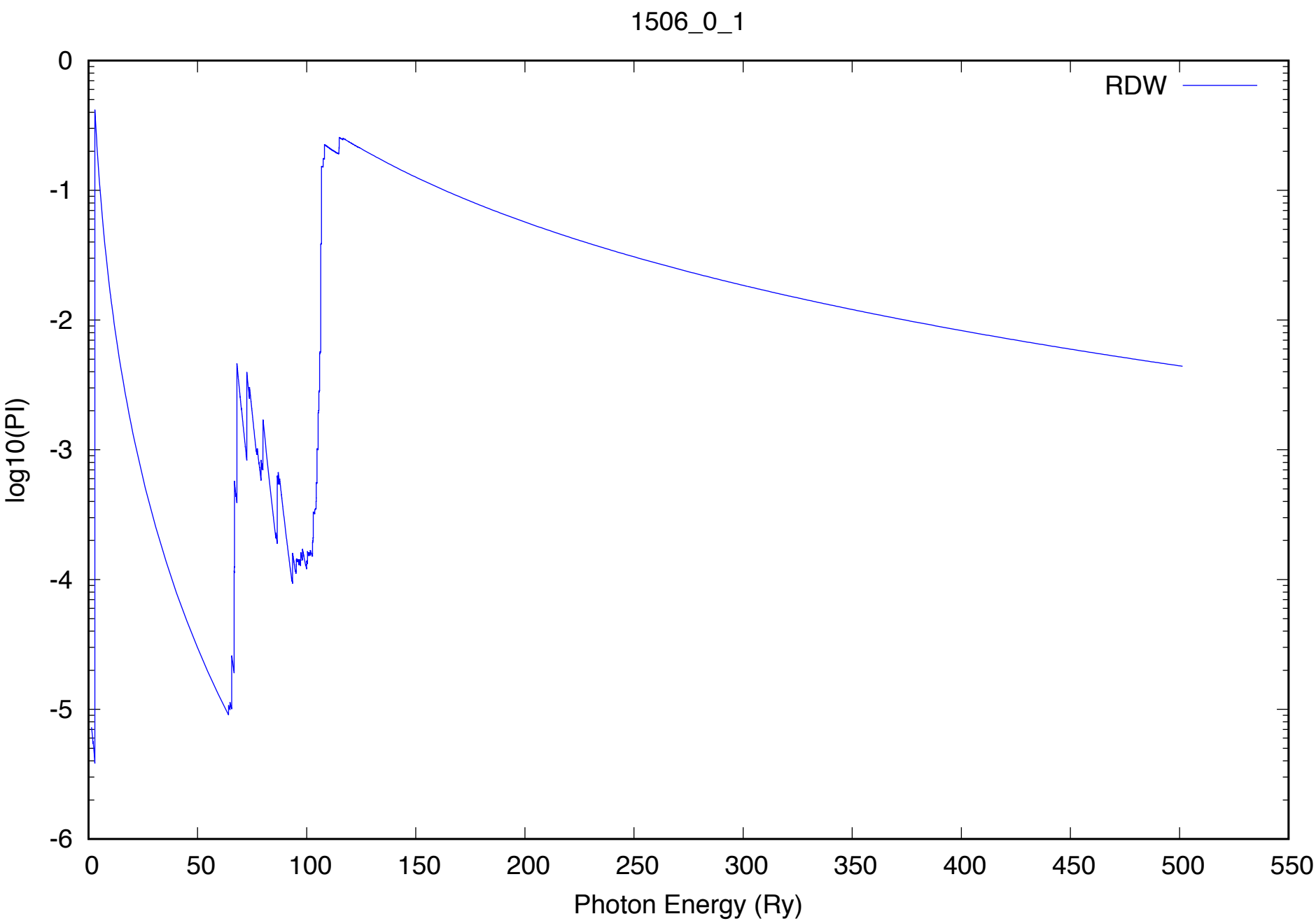
100
150
200
250
300
350
400
450
500
550


1506_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
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-2
-3
-4
-5
-6
0
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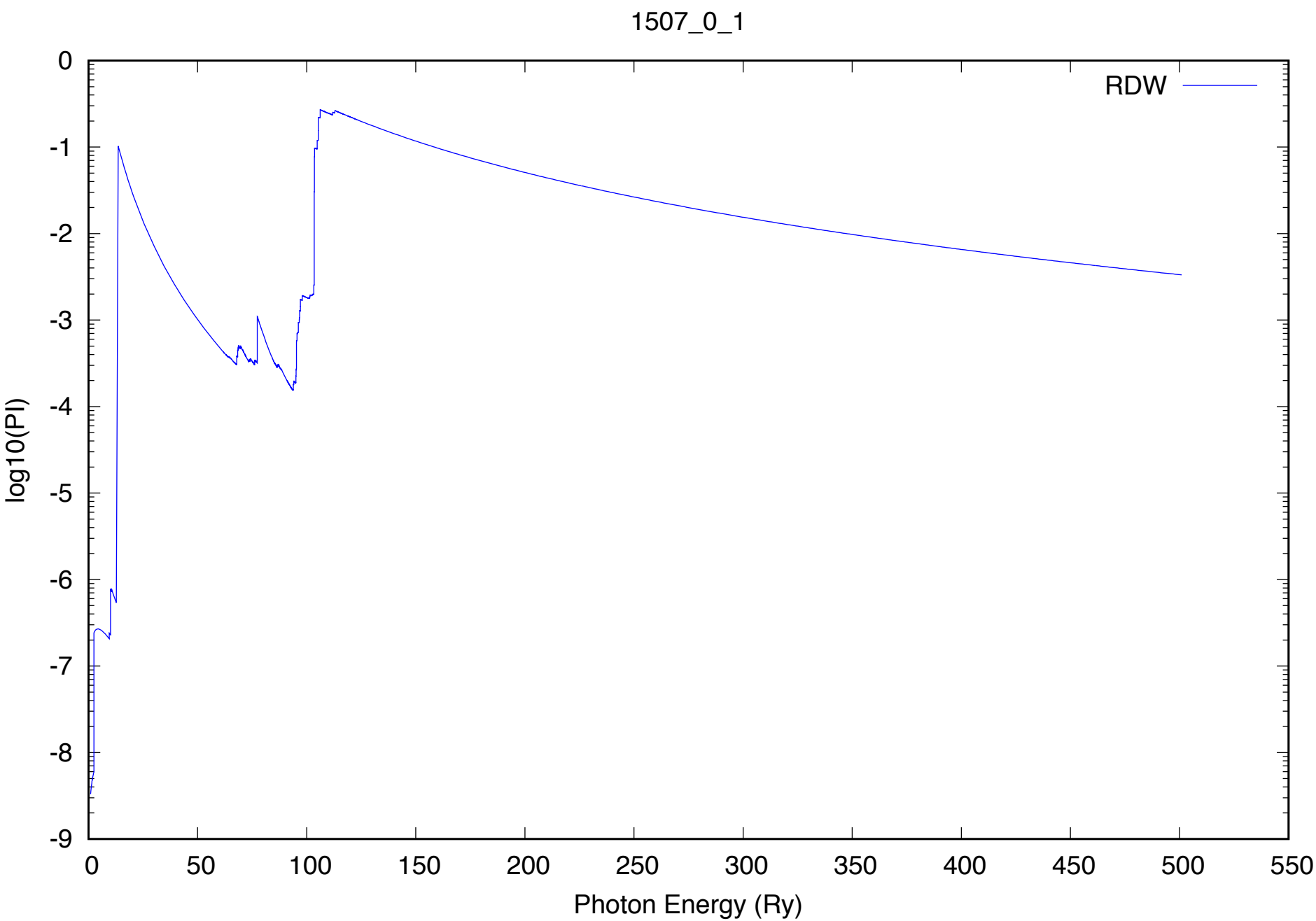
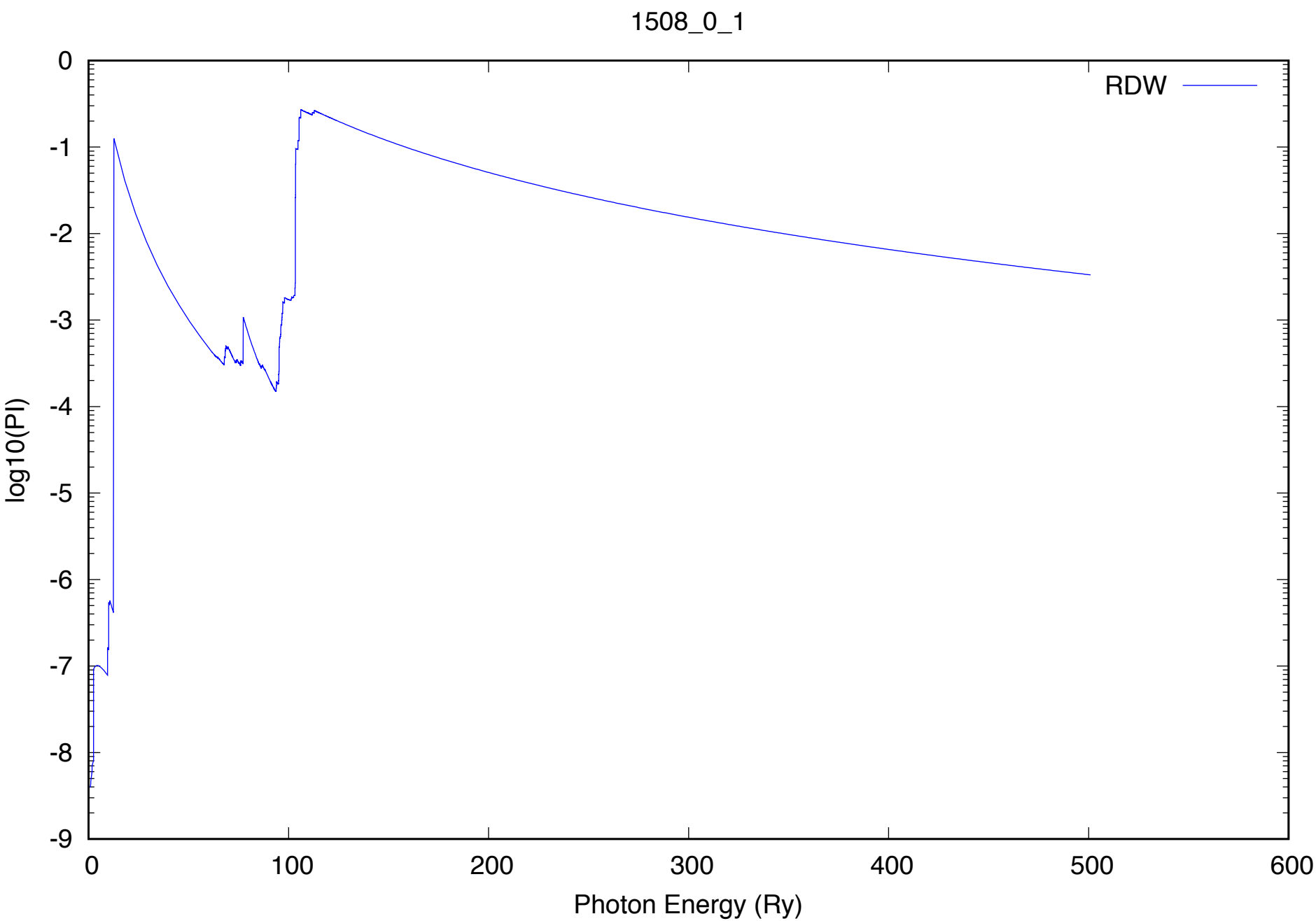
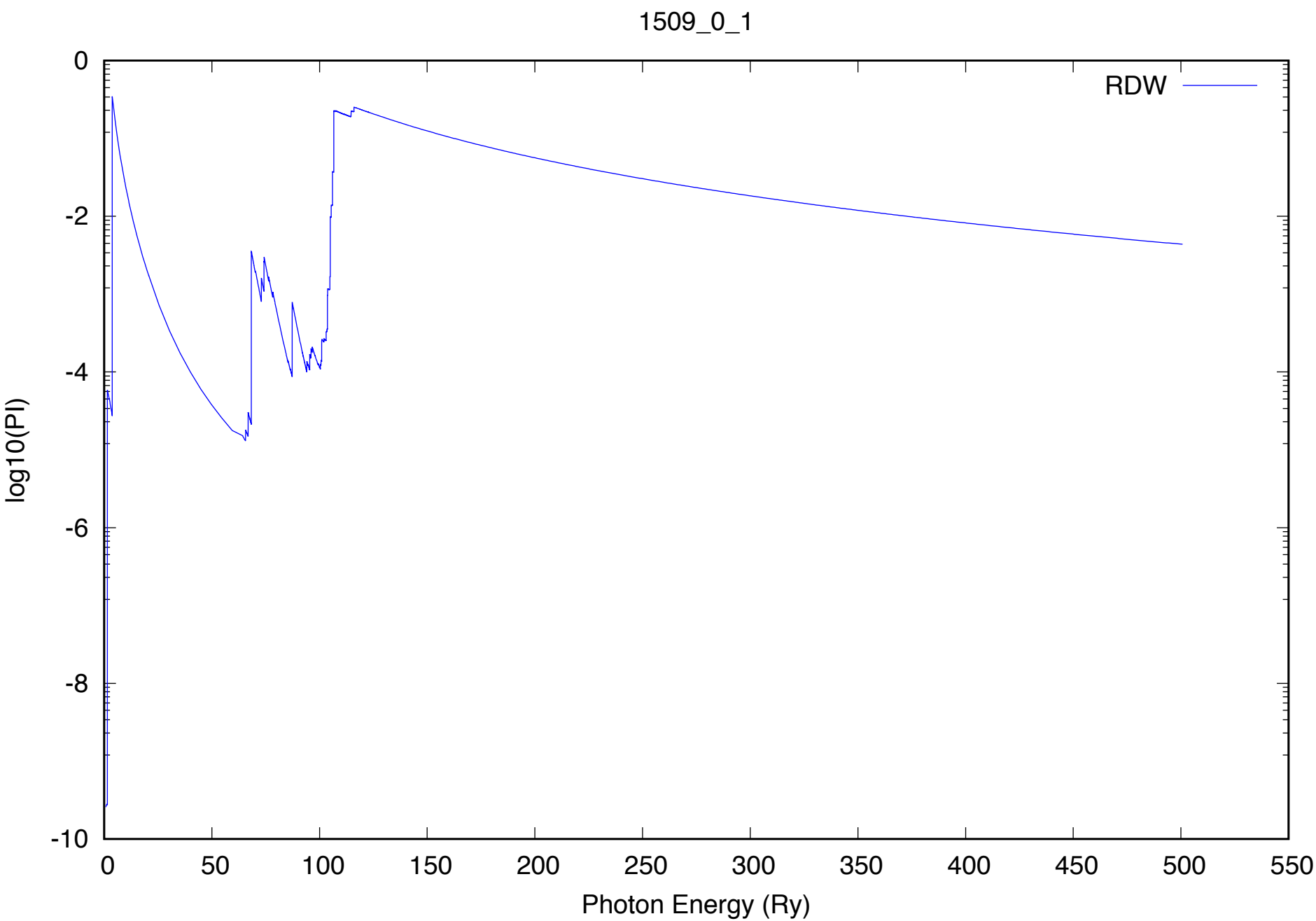
100
150
200
250
300
350
400
450
500
550


1507_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1508_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
100
200
300
400
500
600


1509_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-6
-8
-10
0
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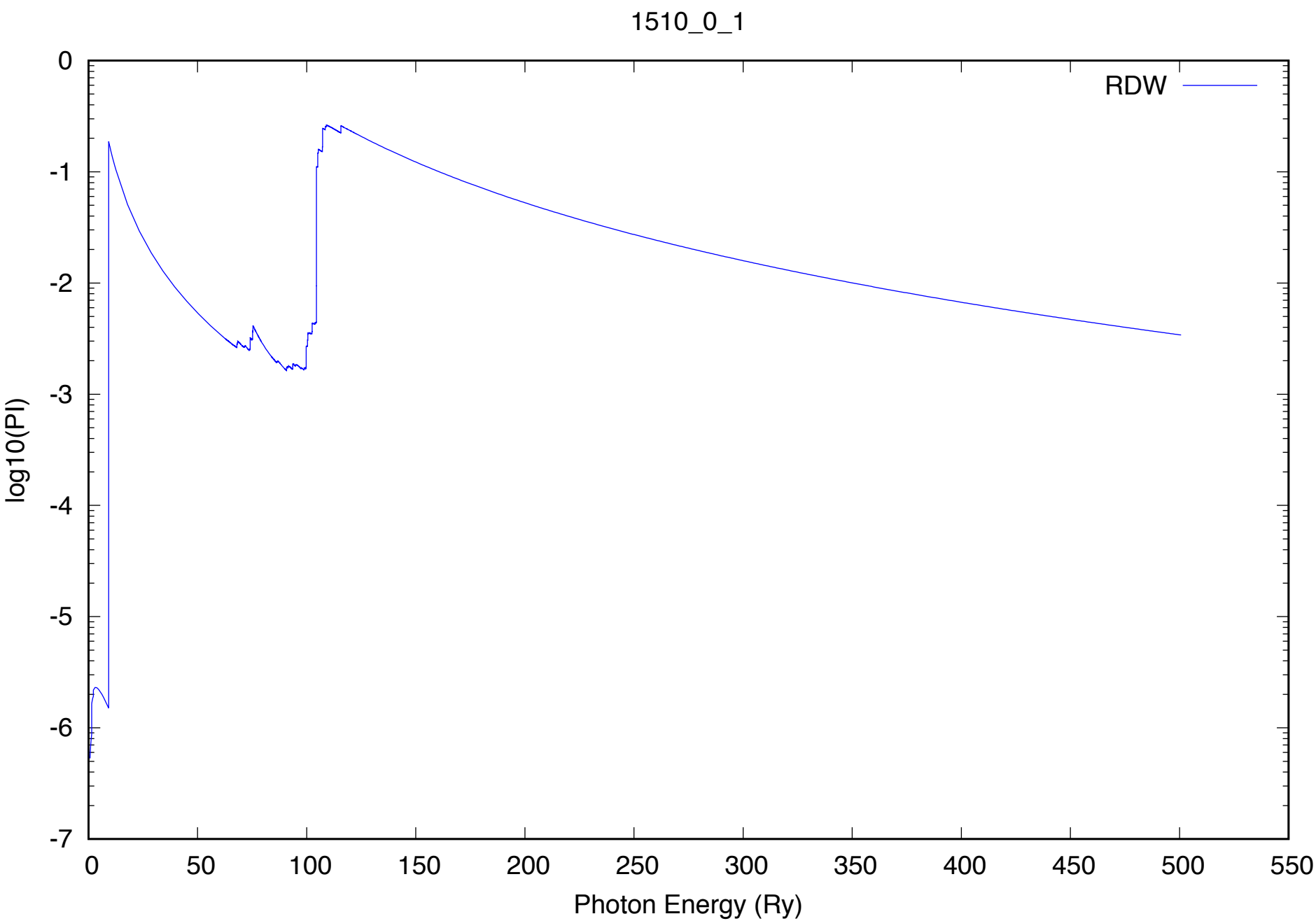
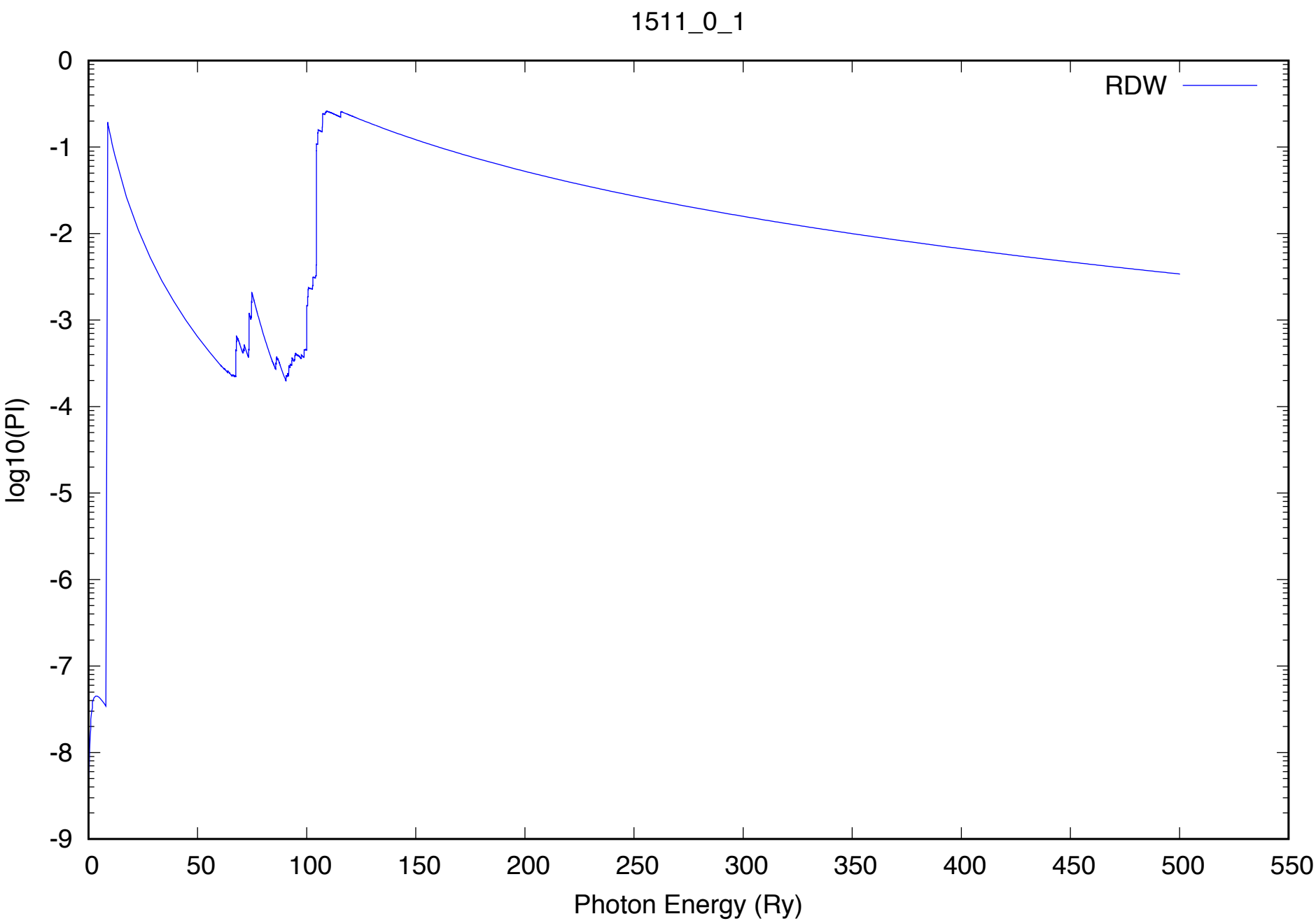
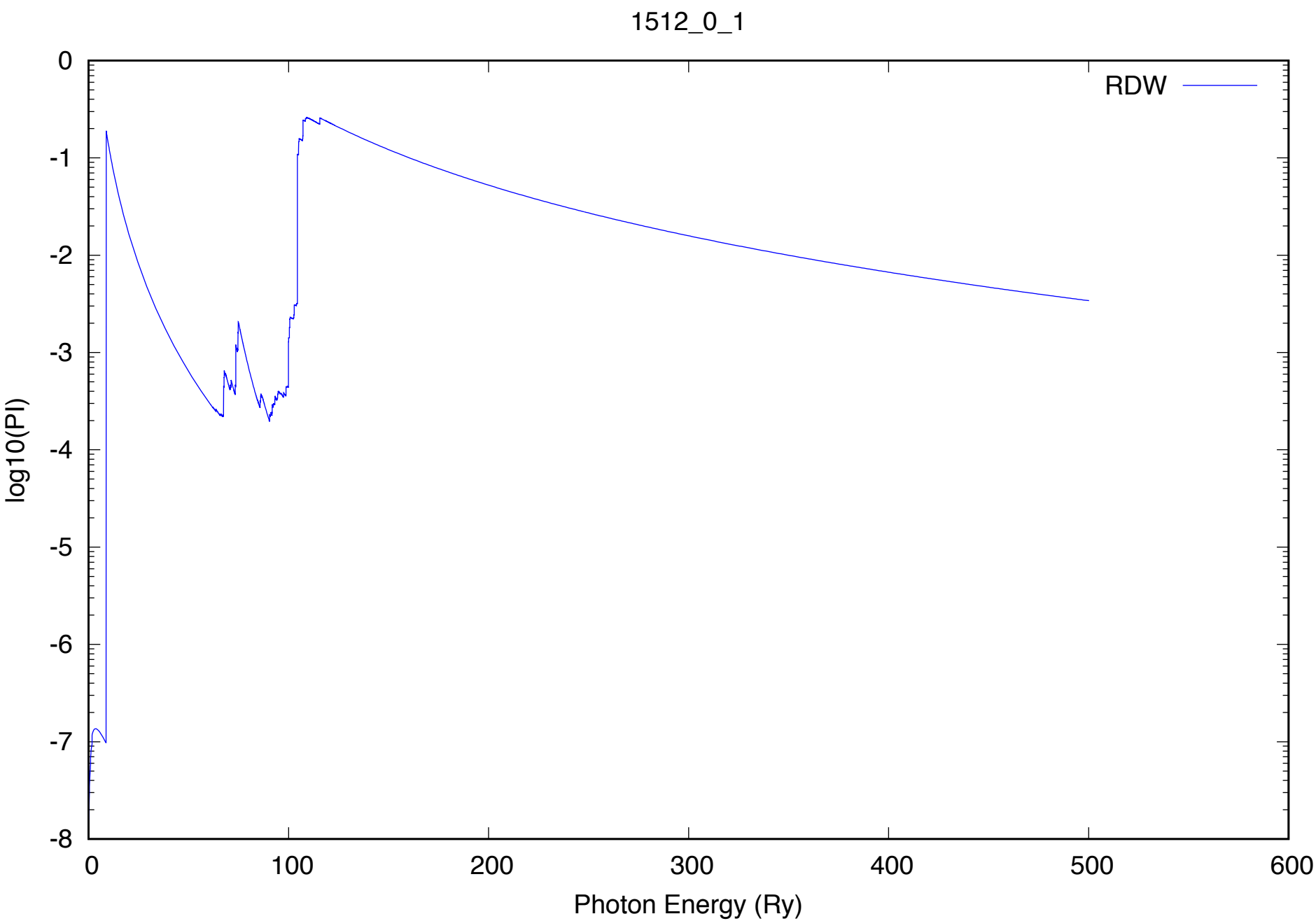
100
150
200
250
300
350
400
450
500
550


1510_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1511_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1512_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
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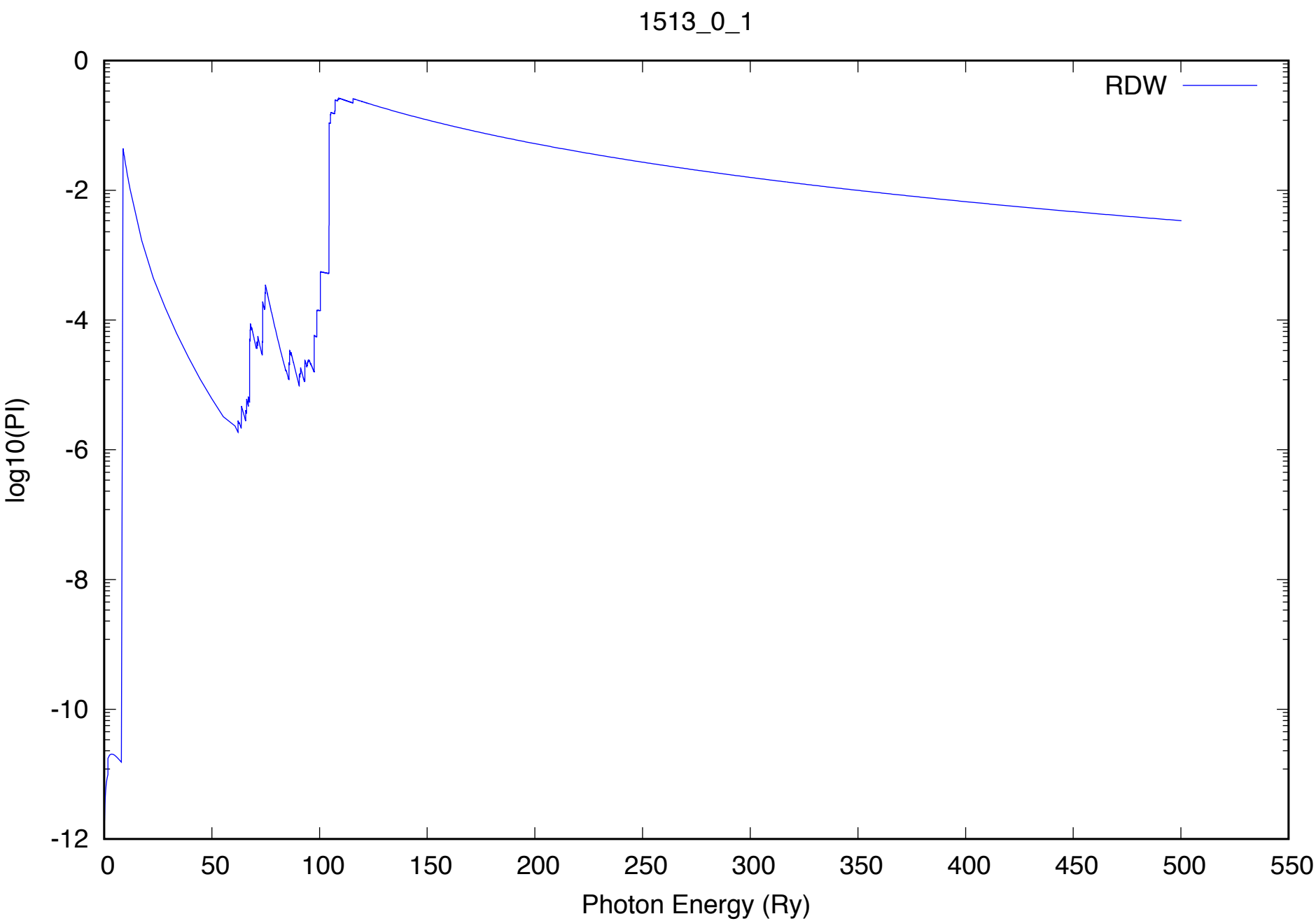
200
300
400
500
600


1513_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
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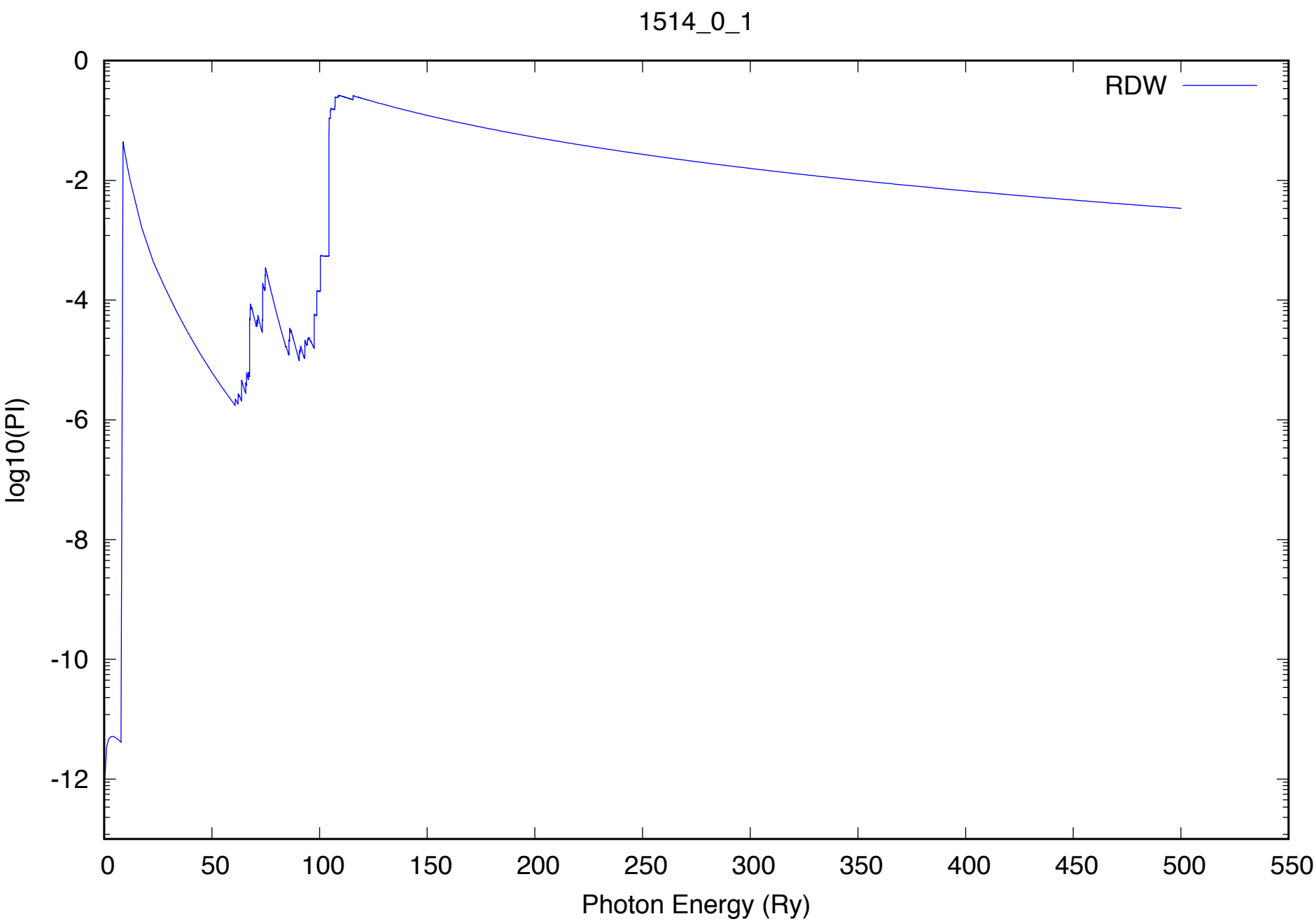
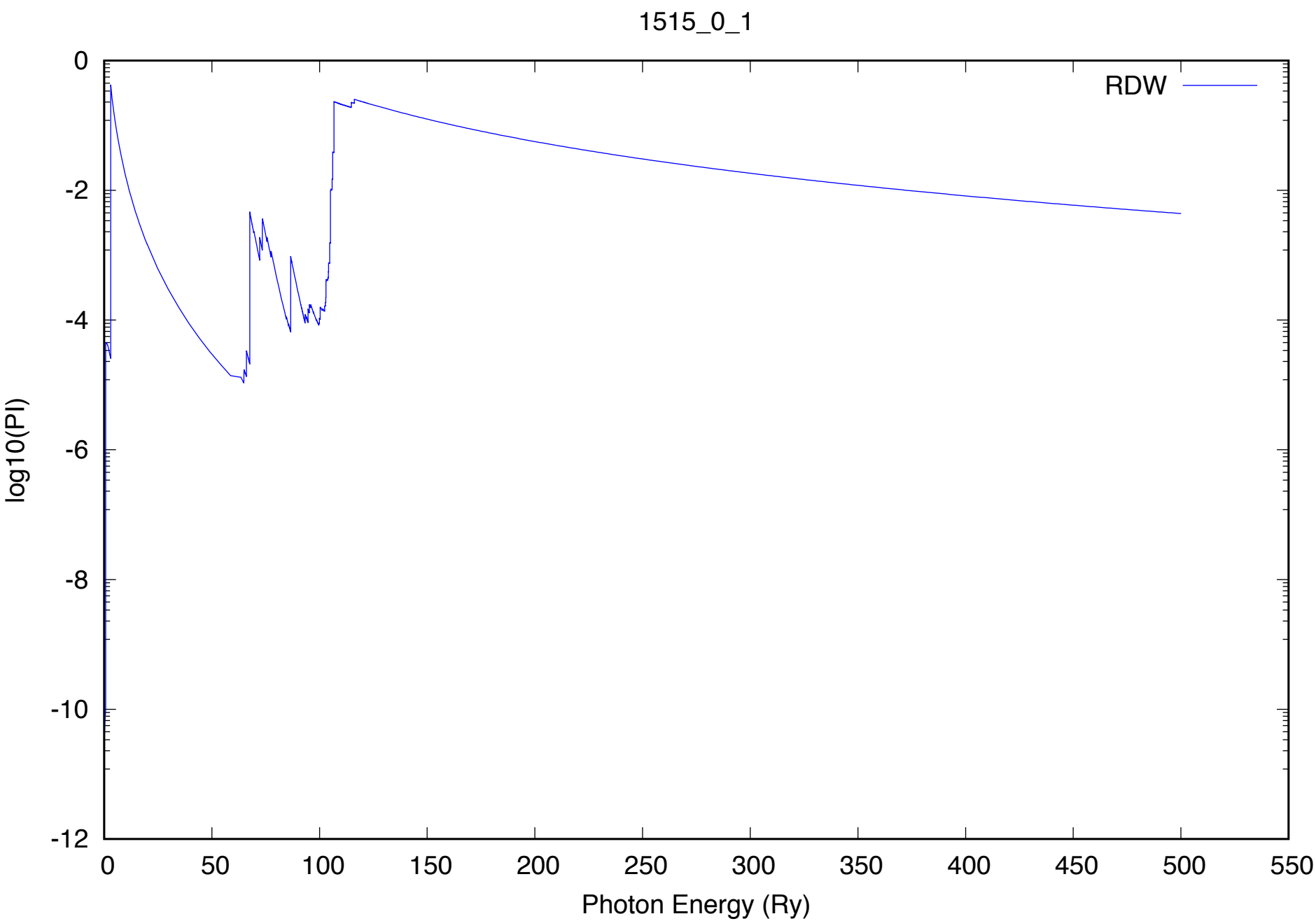
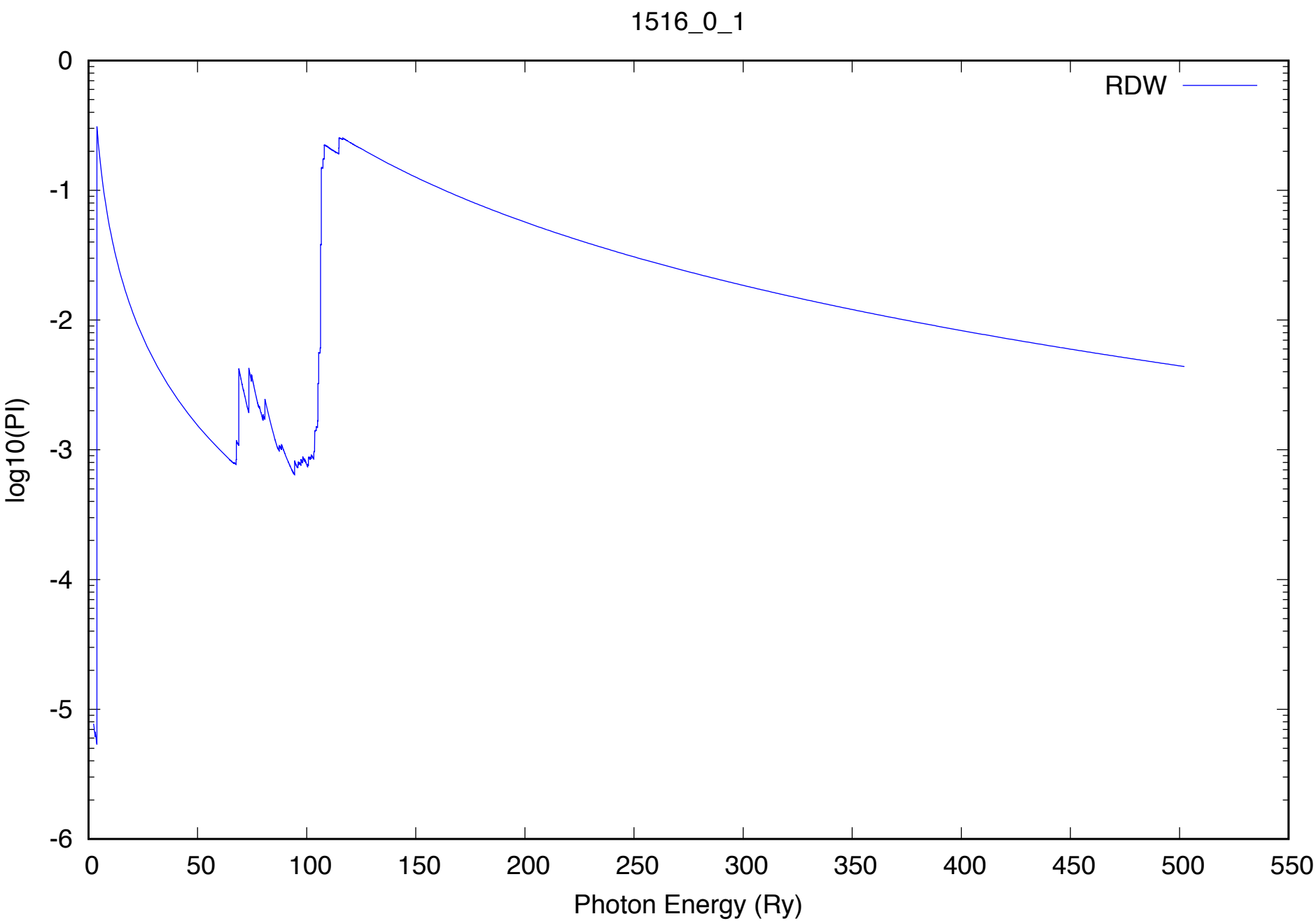
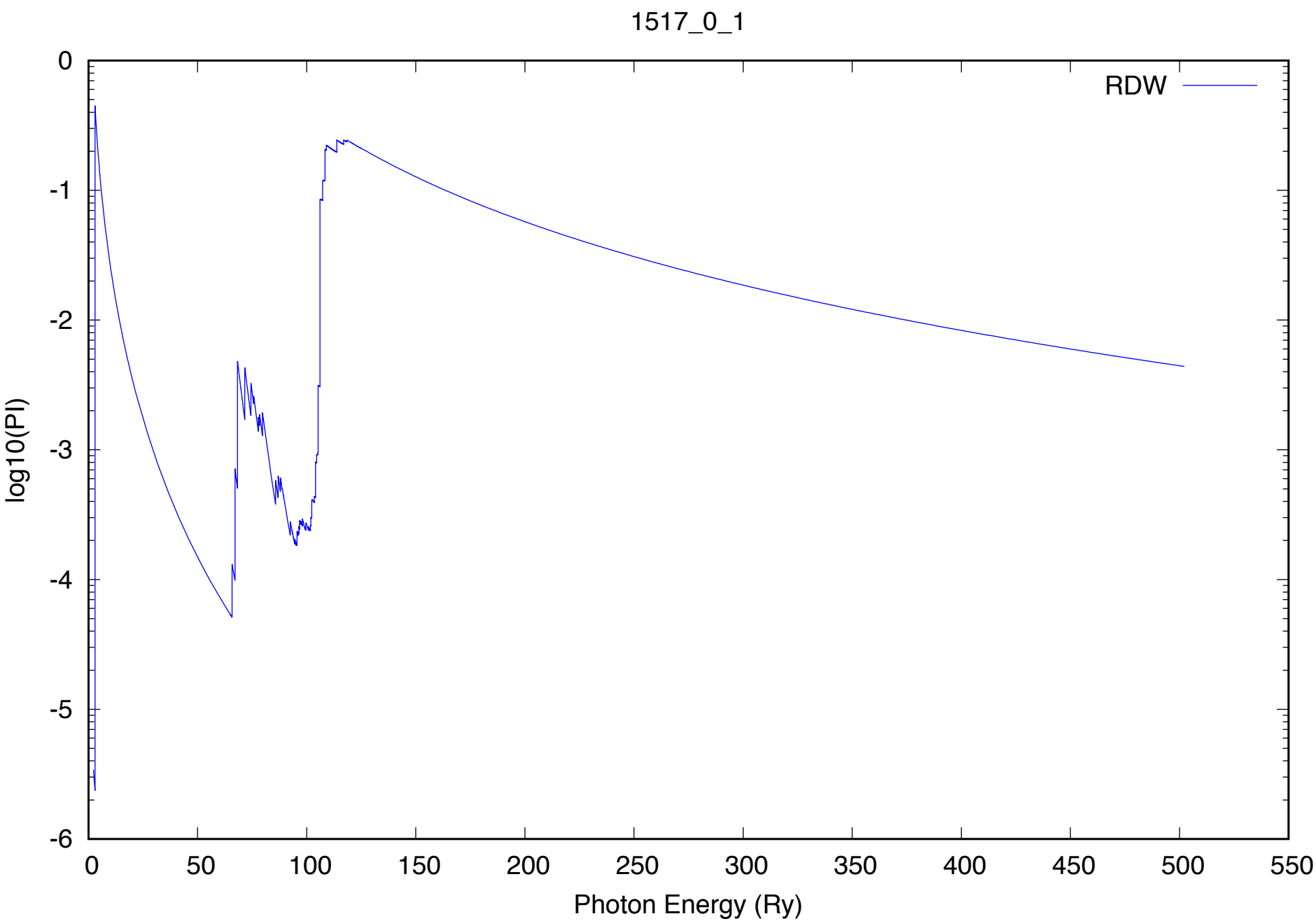
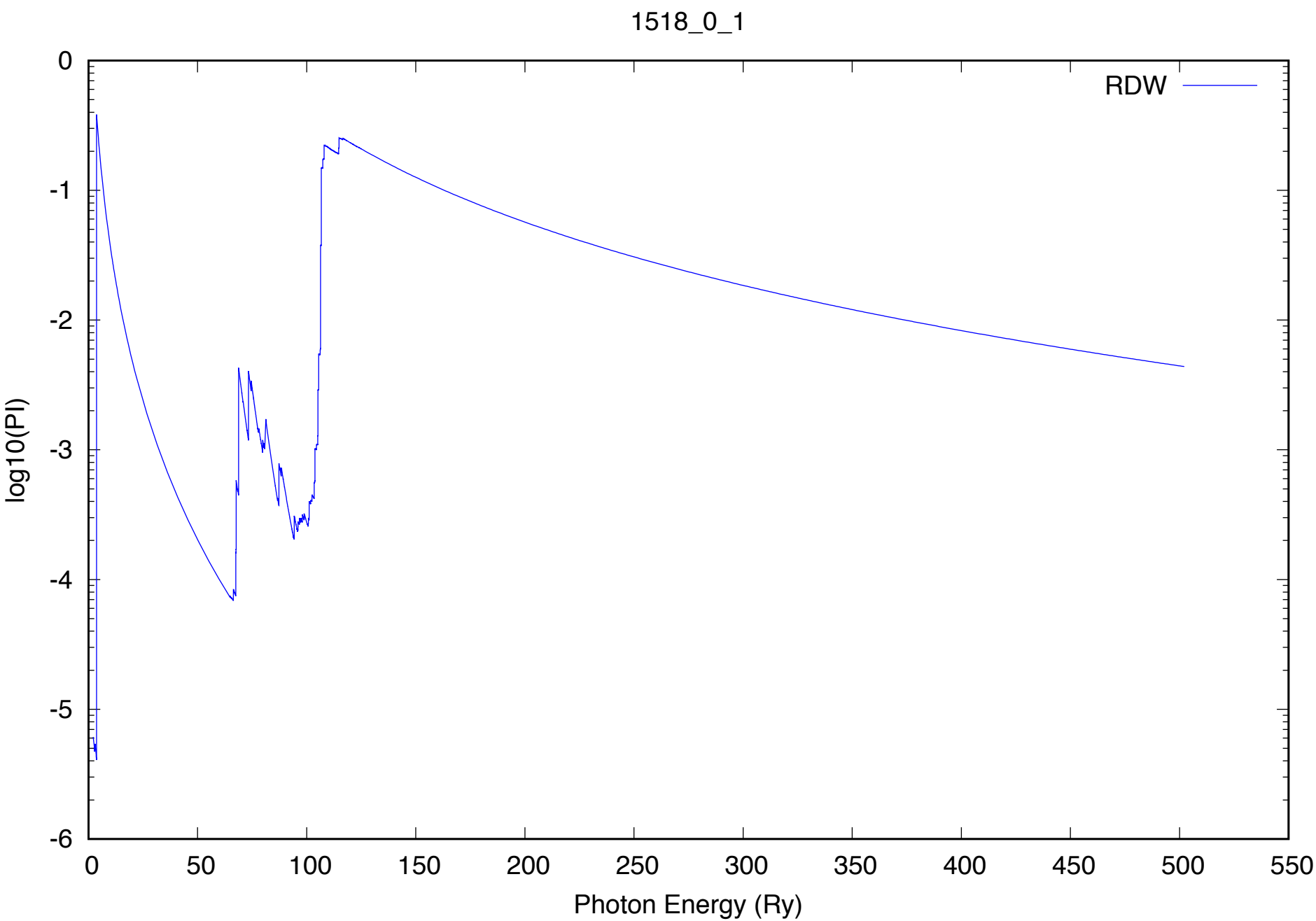
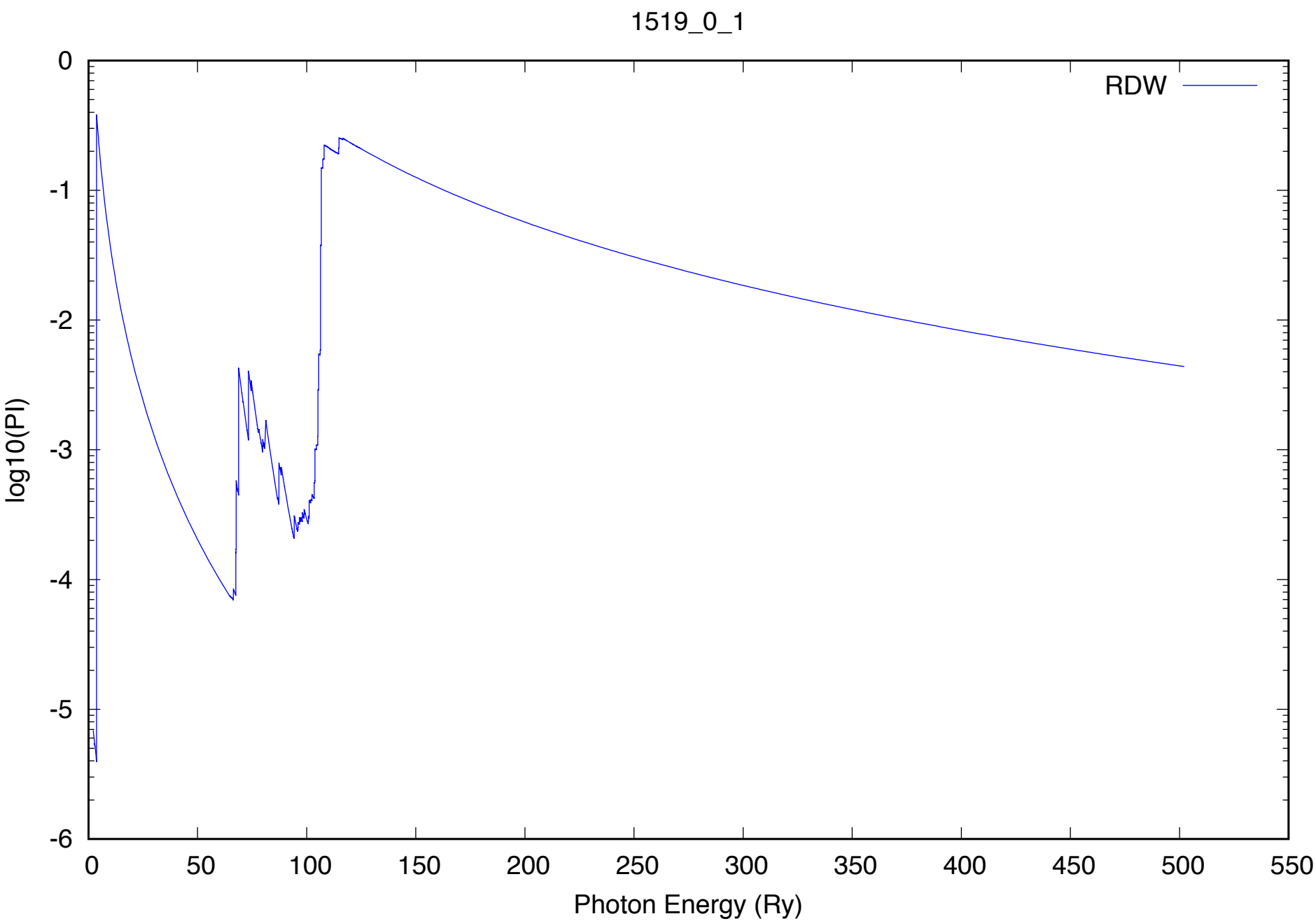

1514_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)

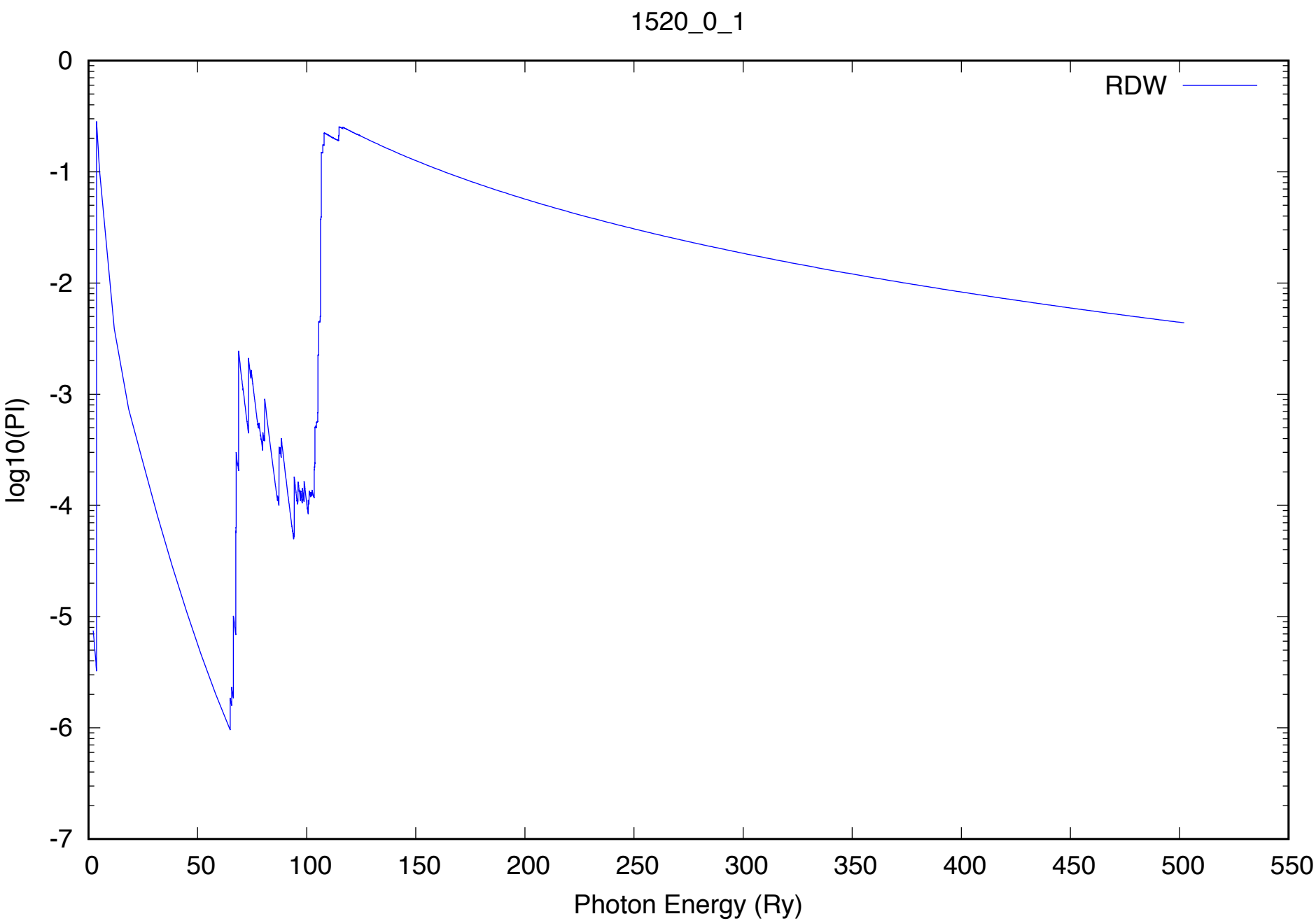

1515_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550


1516_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1517_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1518_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1519_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1520_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
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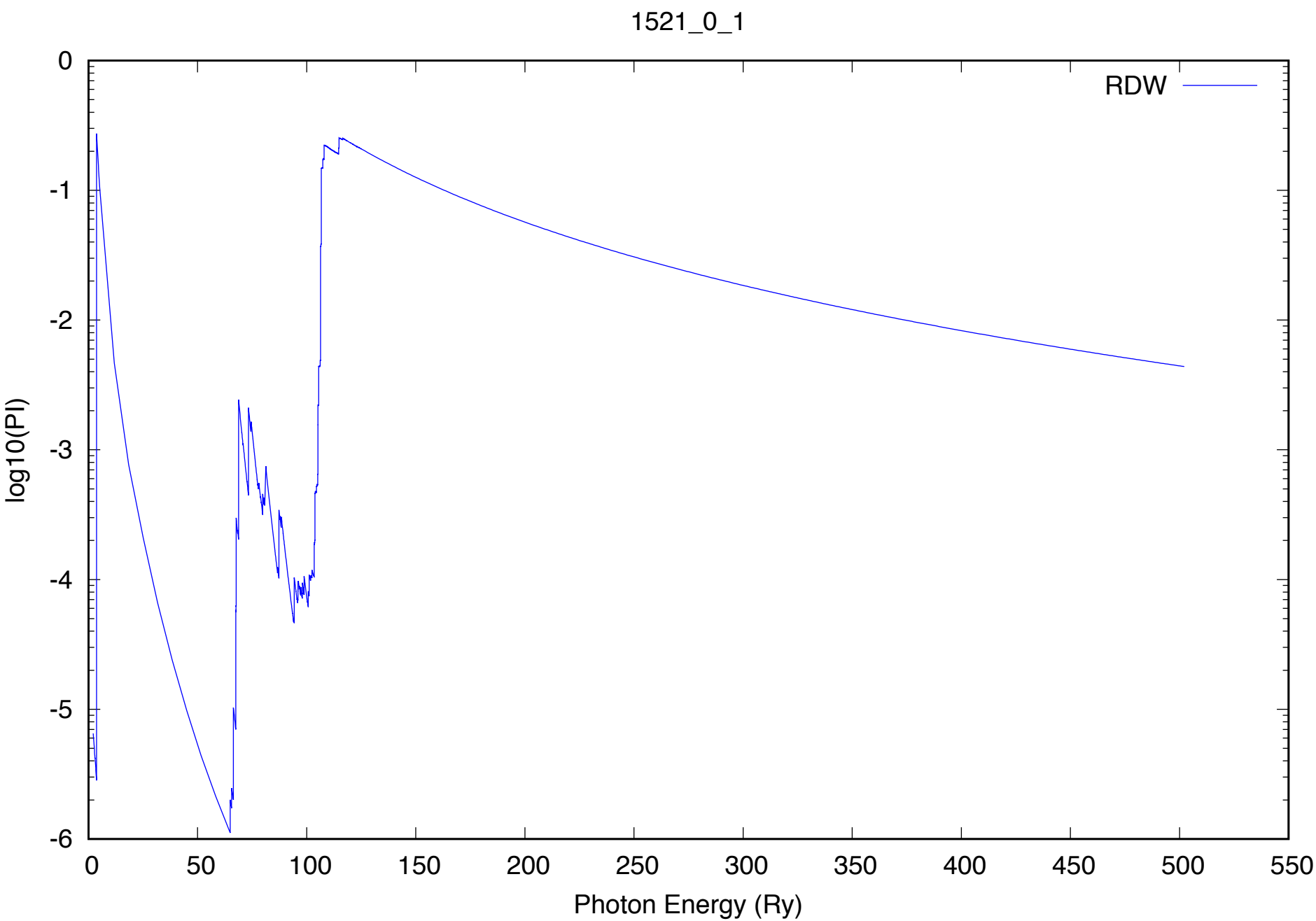
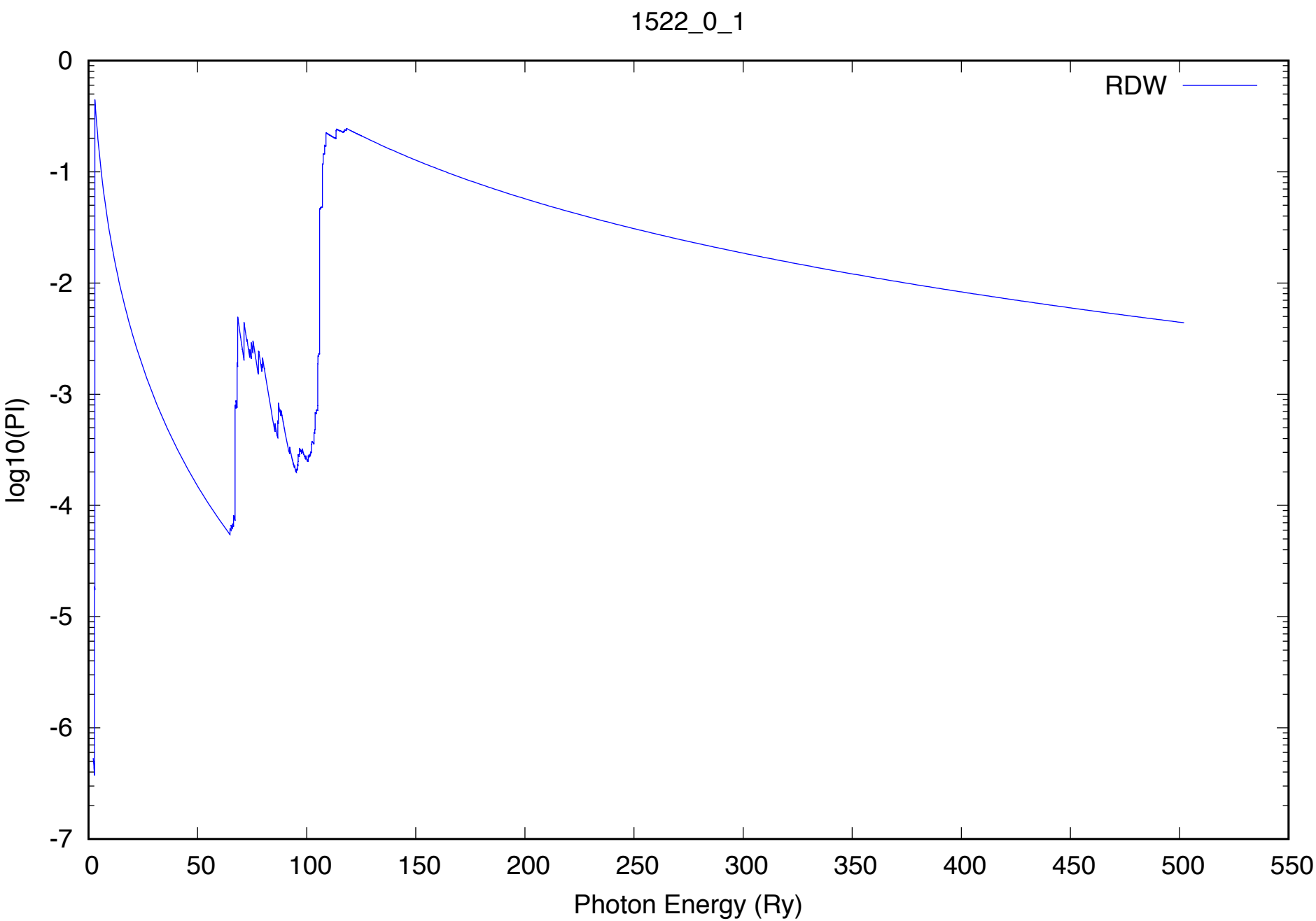
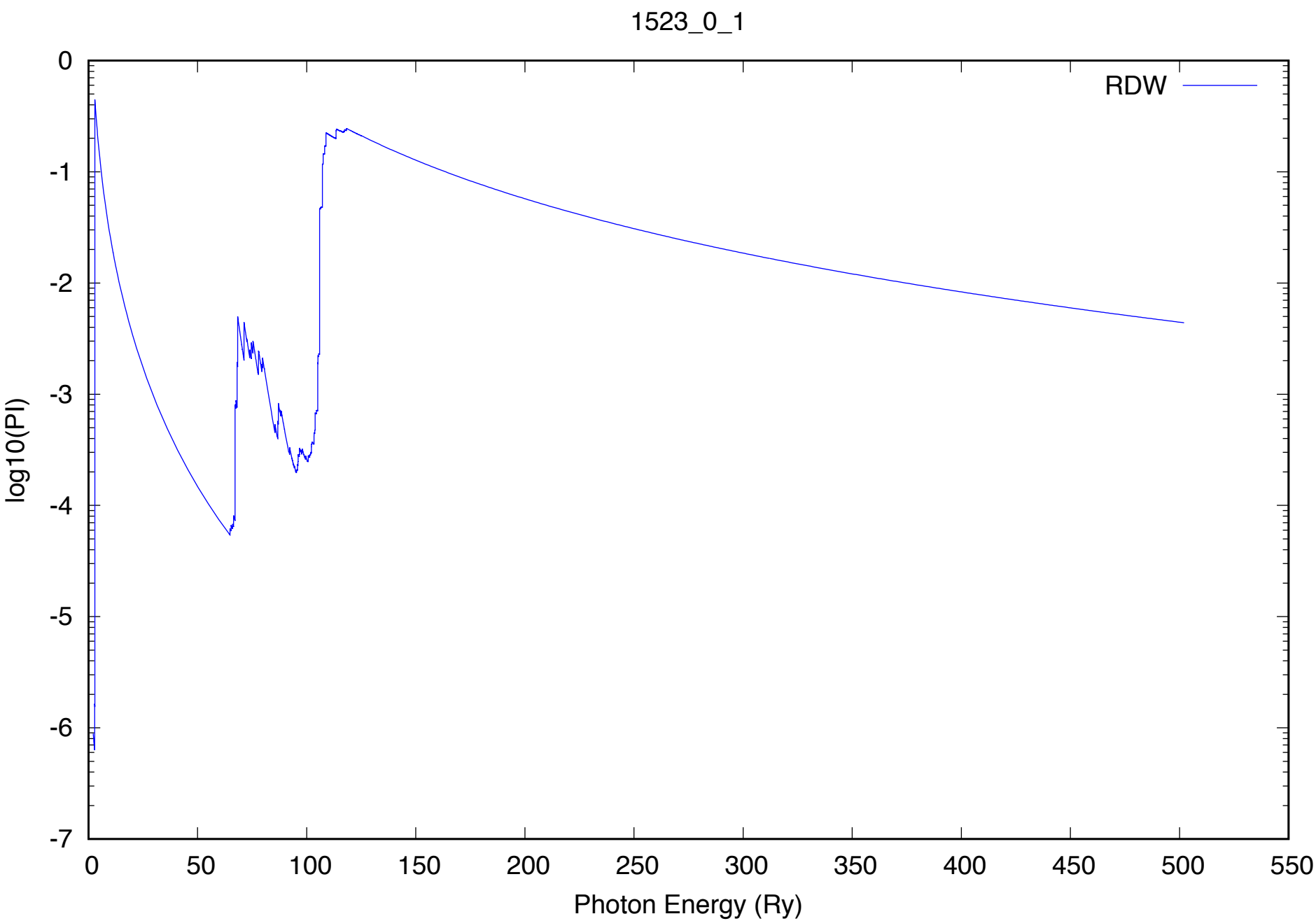
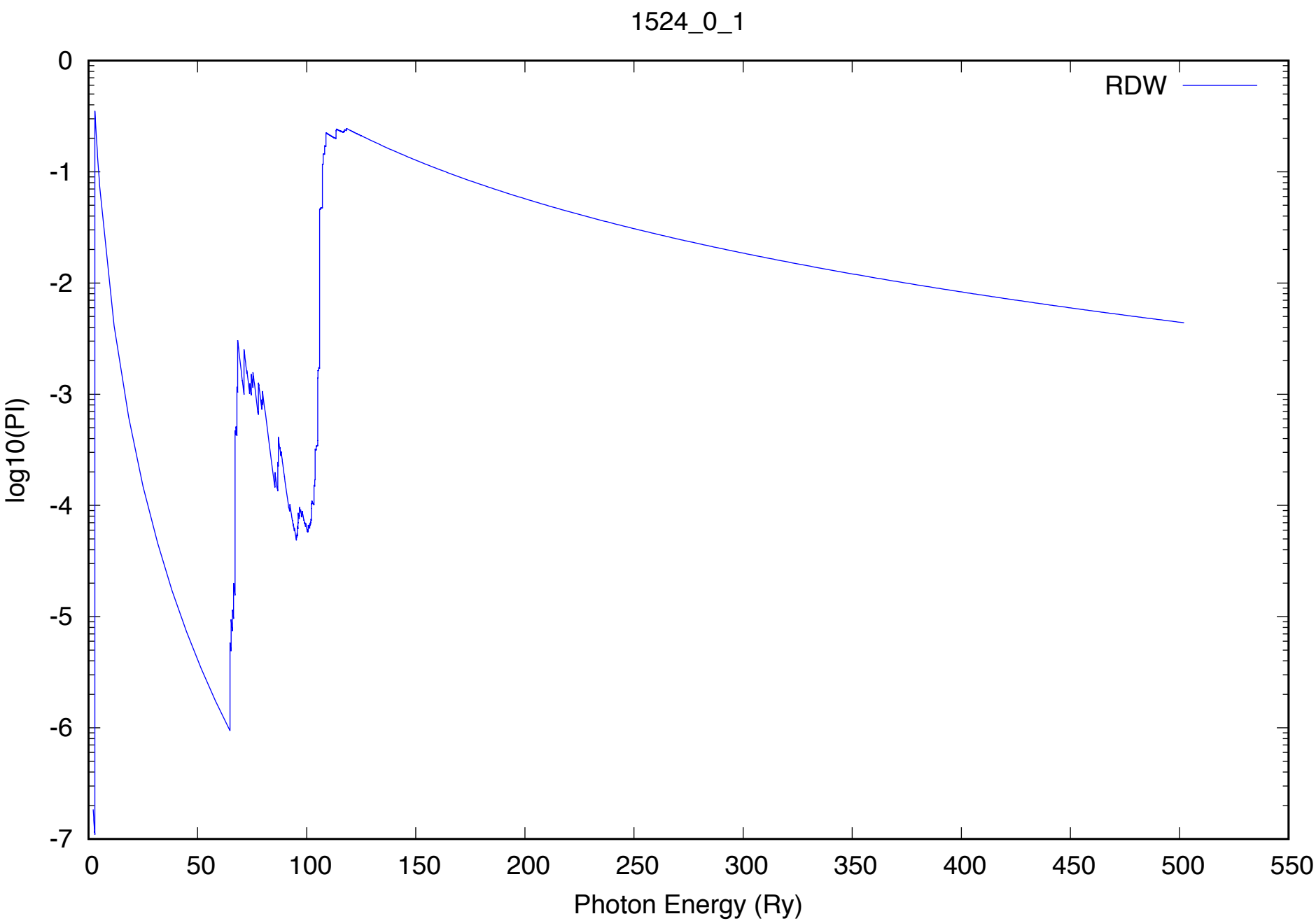
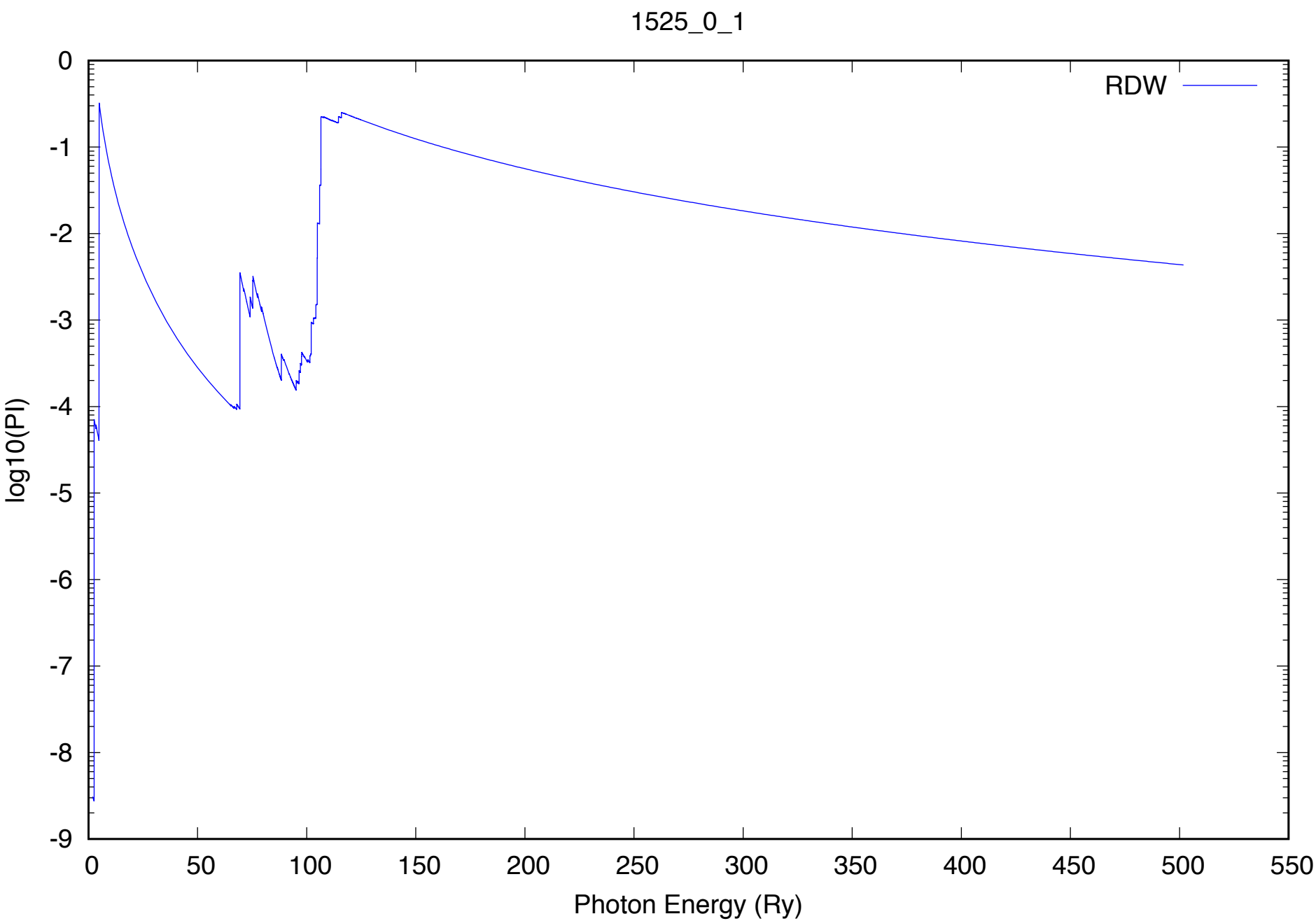
100
150
200
250
300
350
400
450
500
550

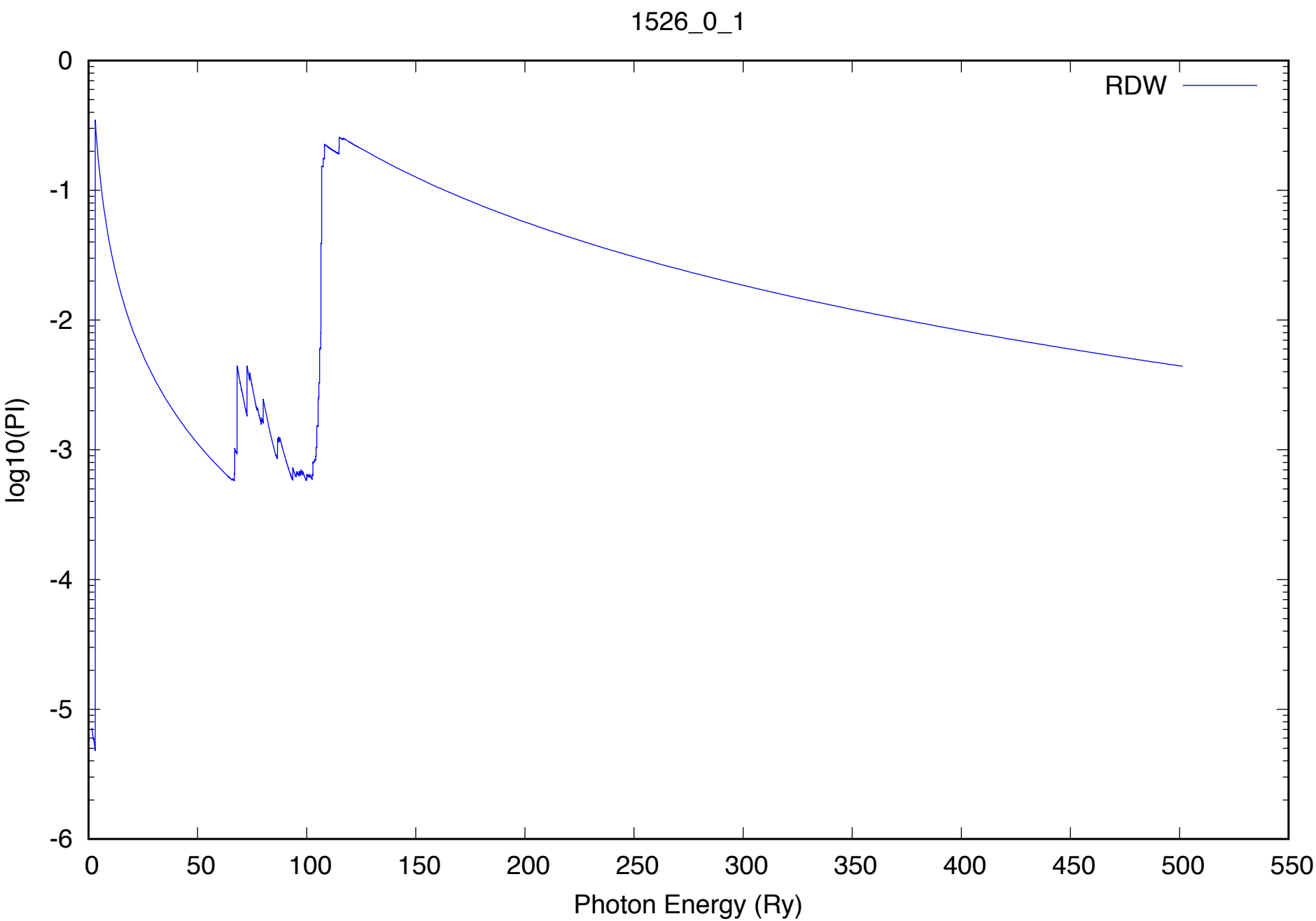

1521_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

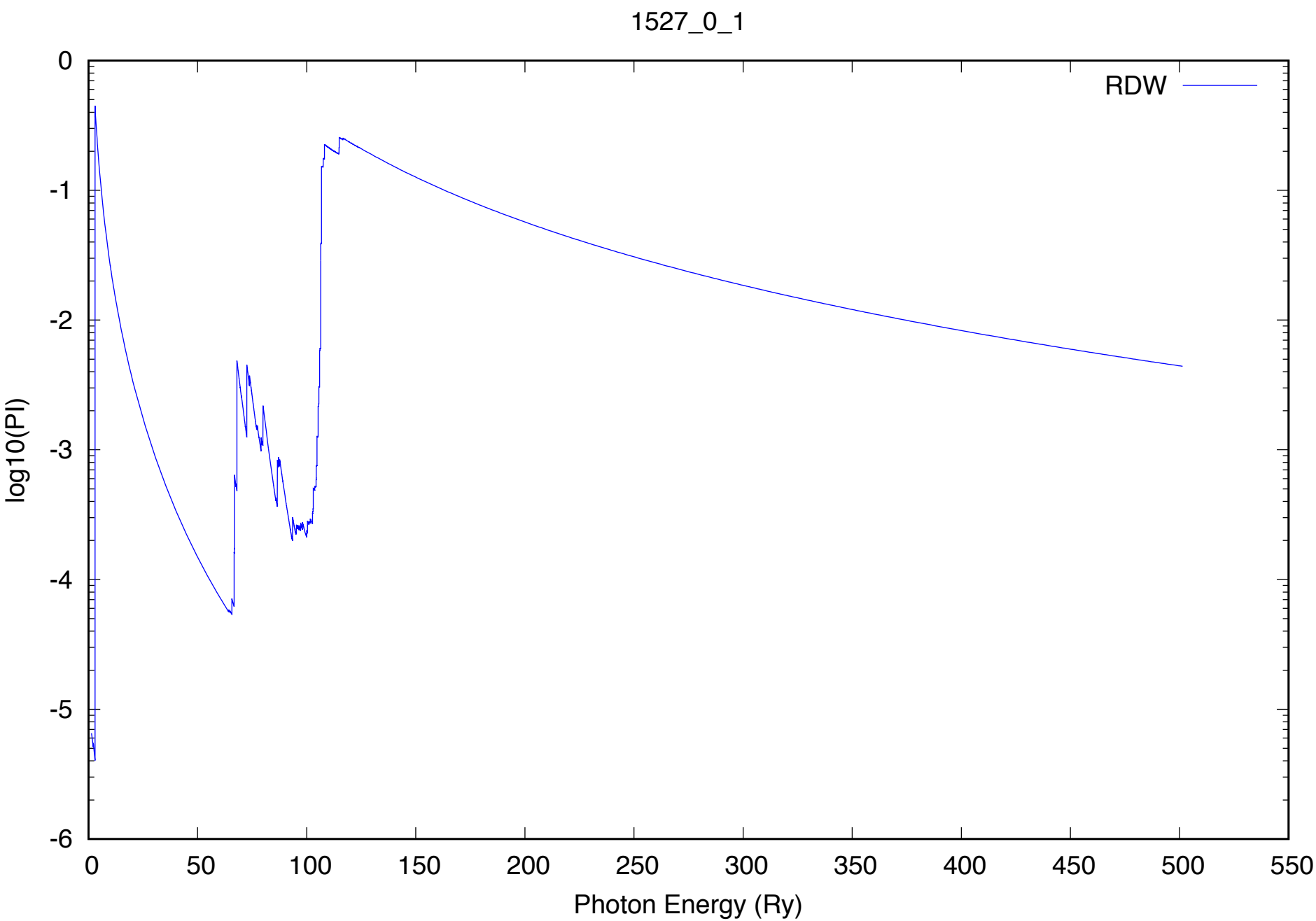

1522_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

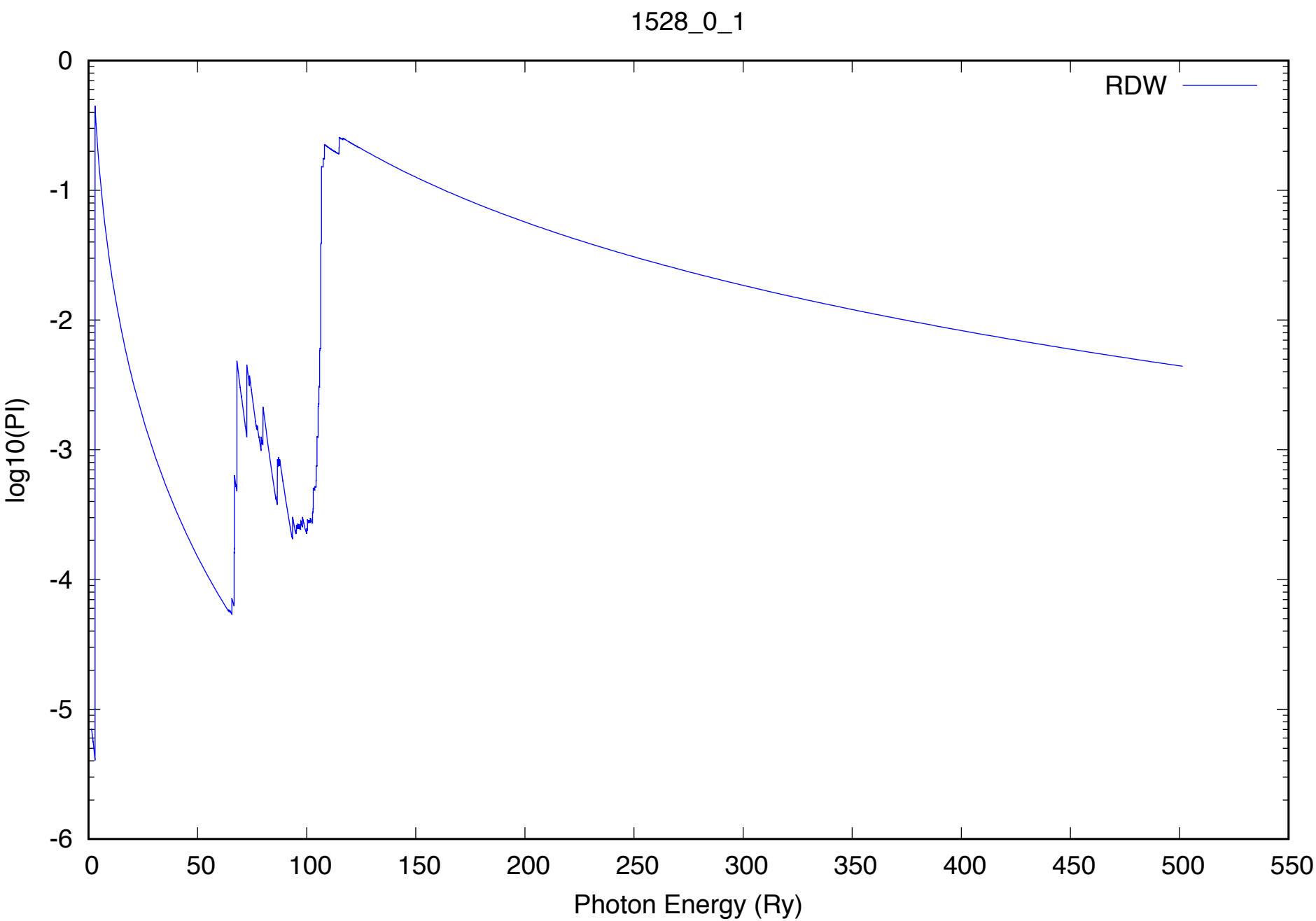

1523_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

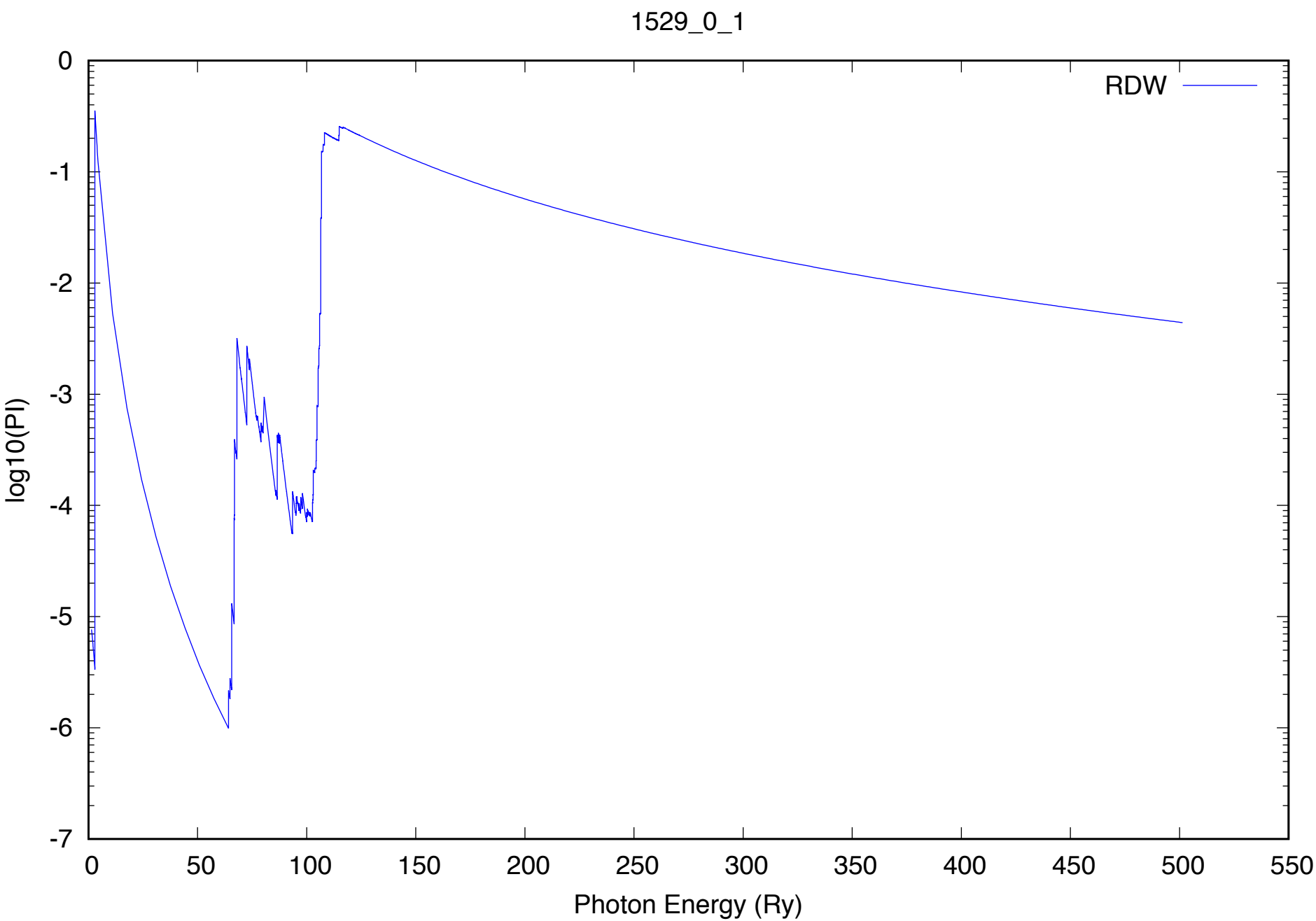

1524_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1525_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1526_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1527_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1528_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550


1529_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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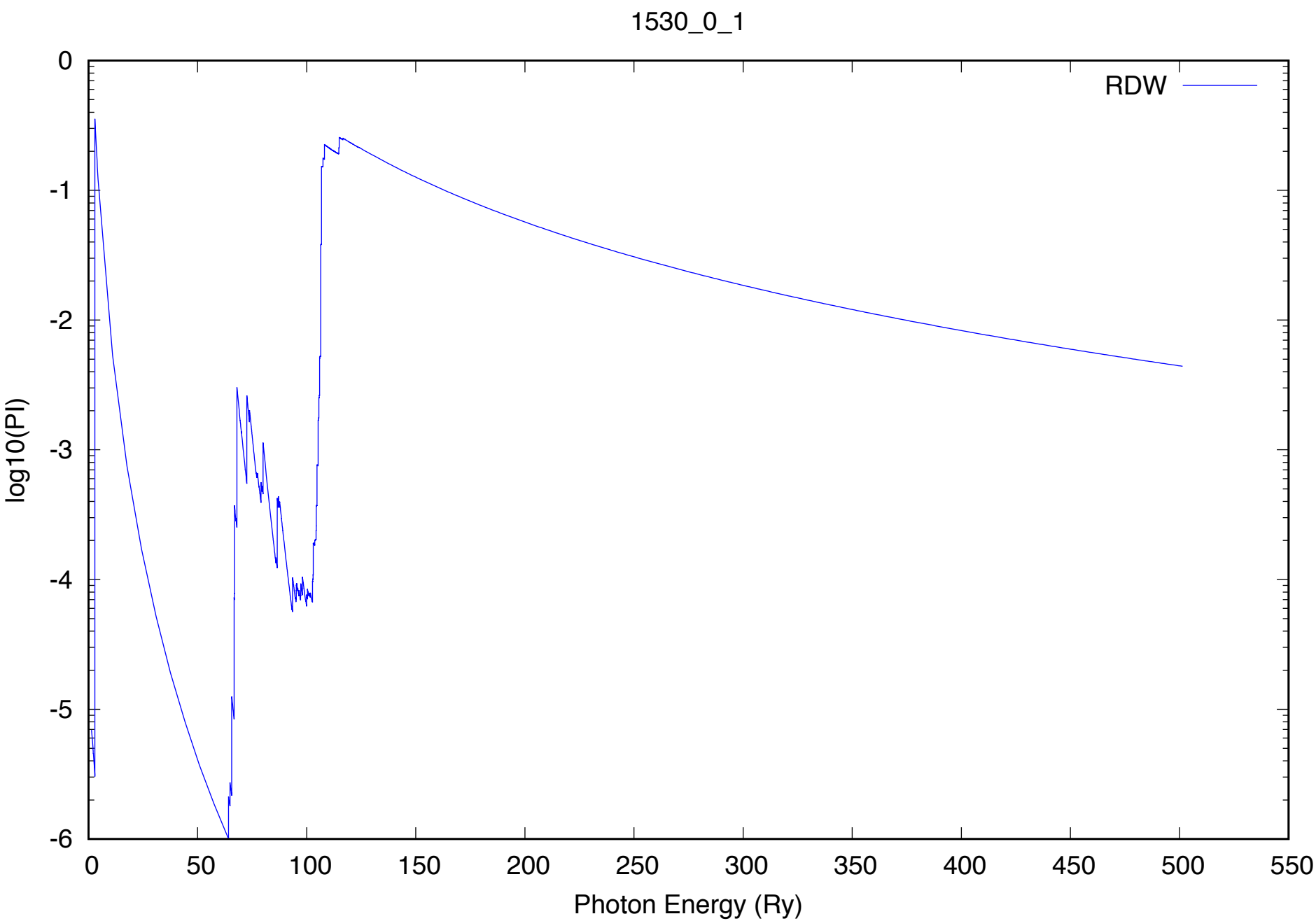
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1530_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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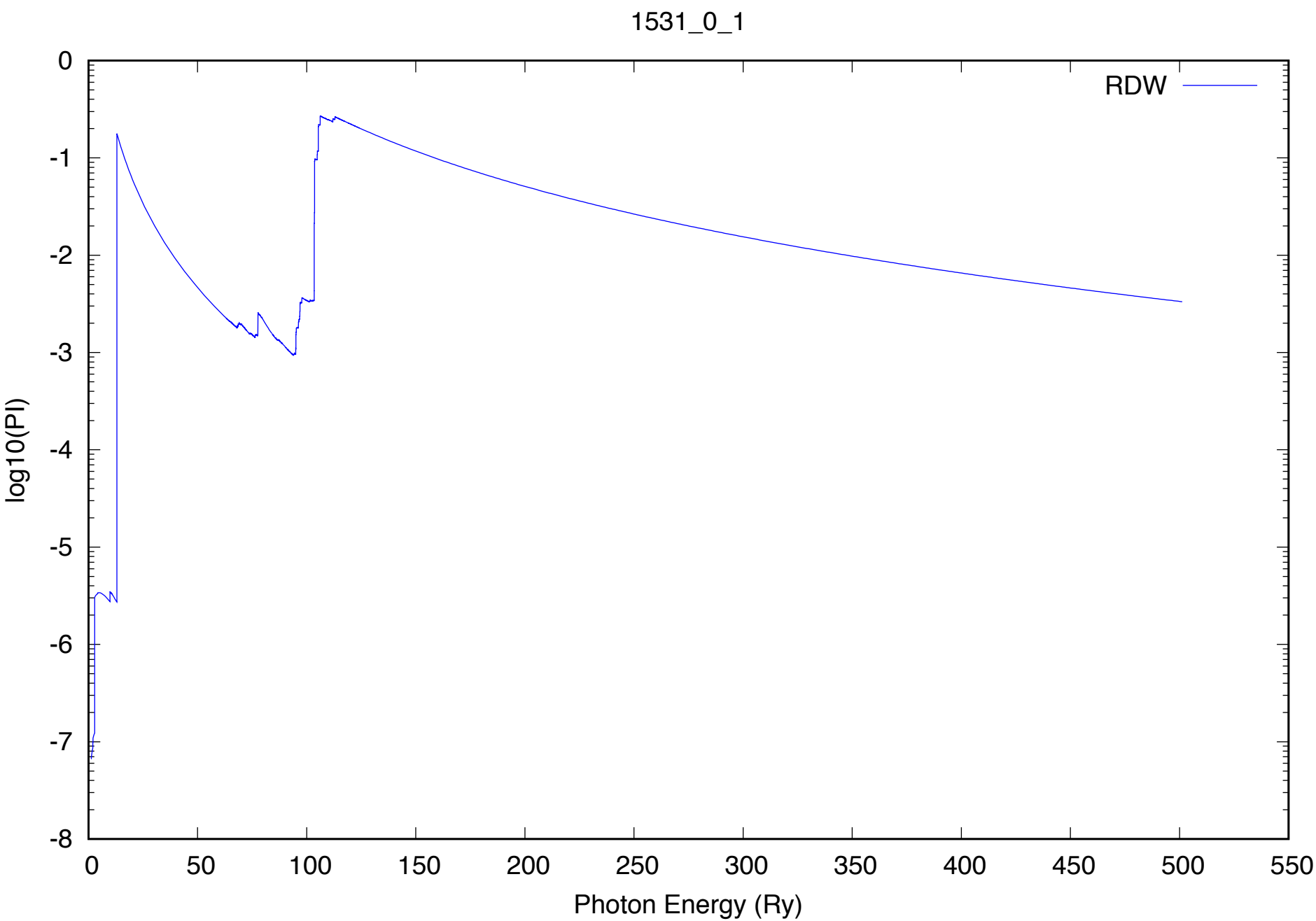
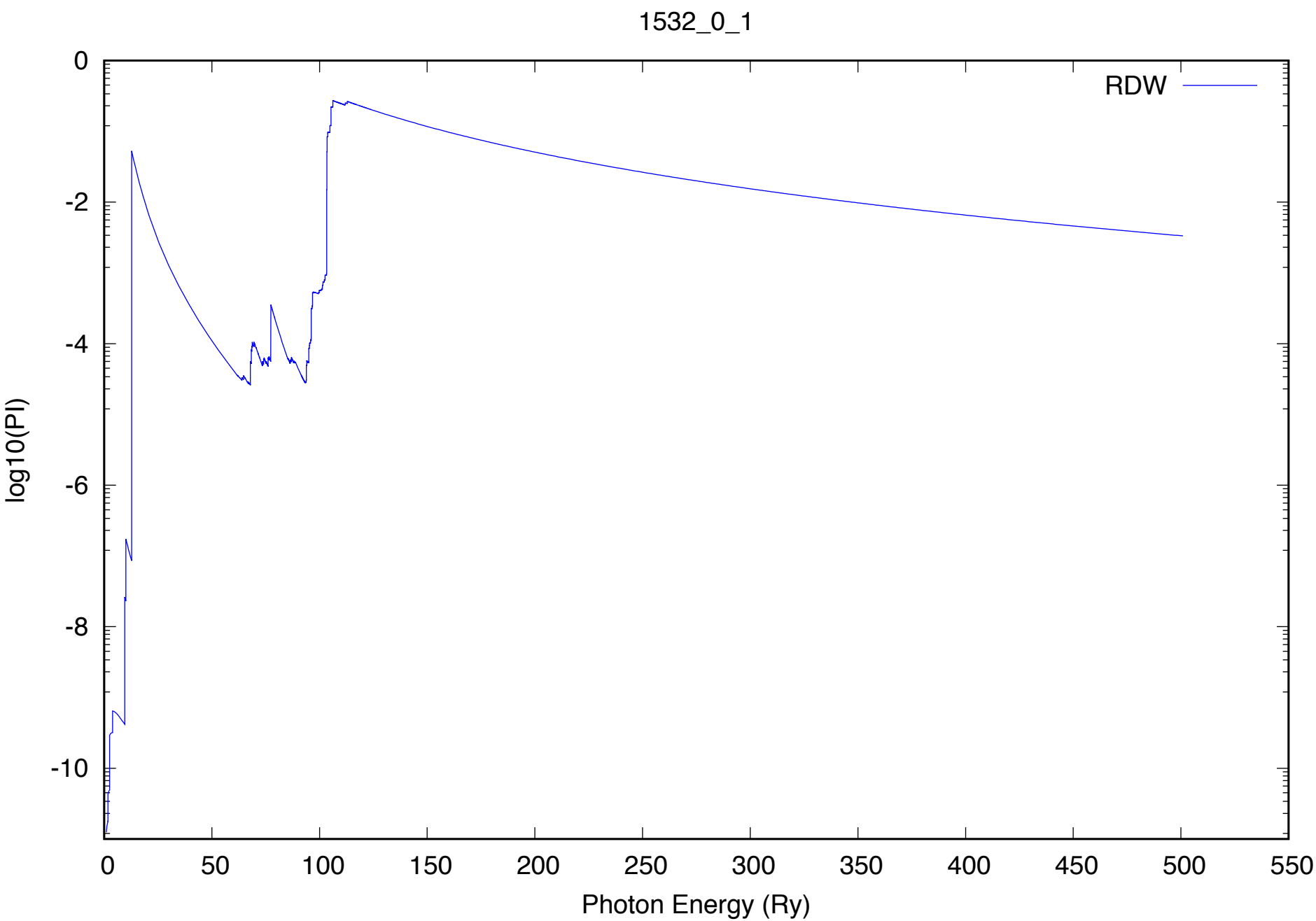
100
150
200
250
300
350
400
450
500
550


1531_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1532_0_1
RDW
log10(PI)
Photon Energy (Ry)
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-2
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-6
-8
-10
0
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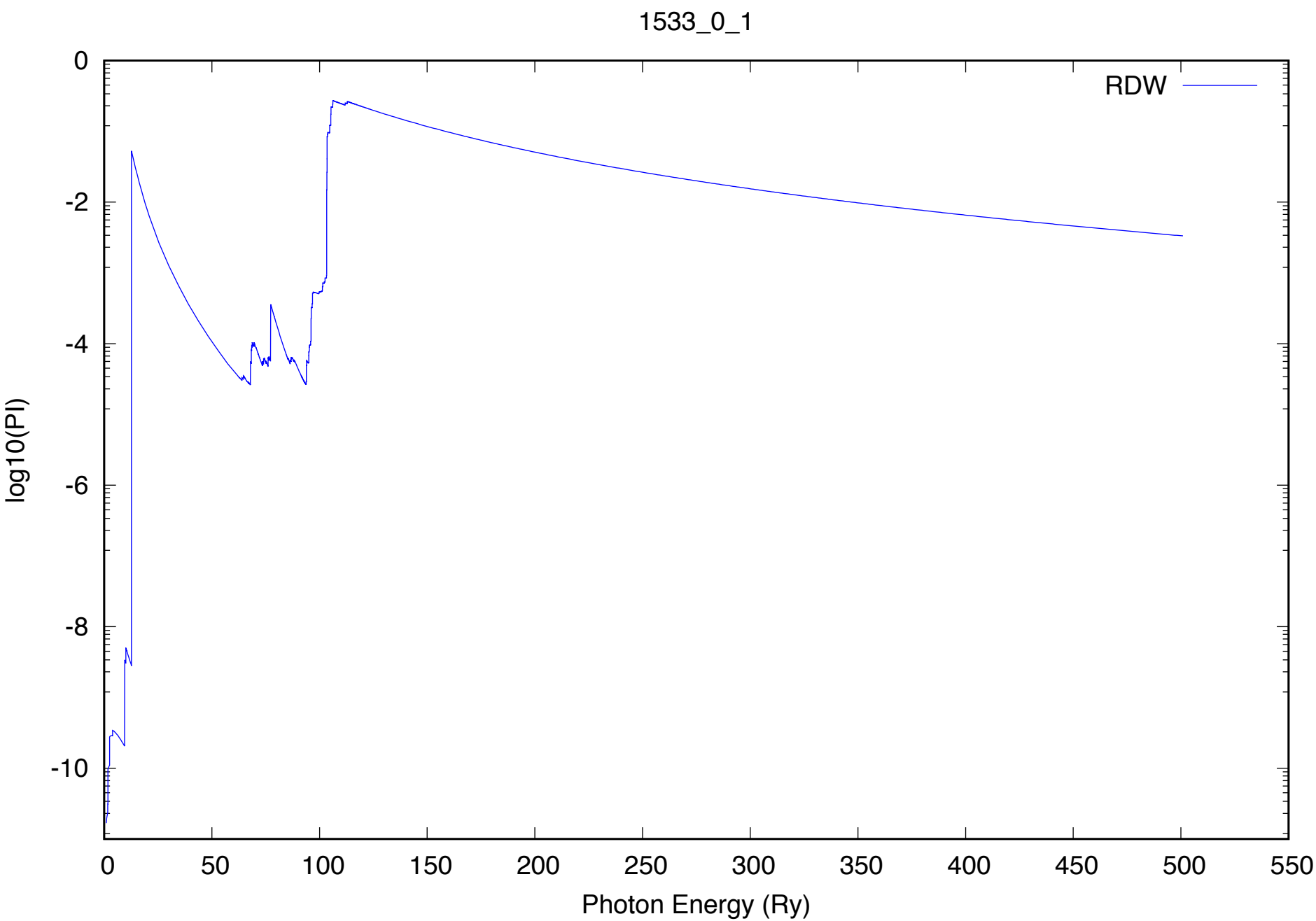
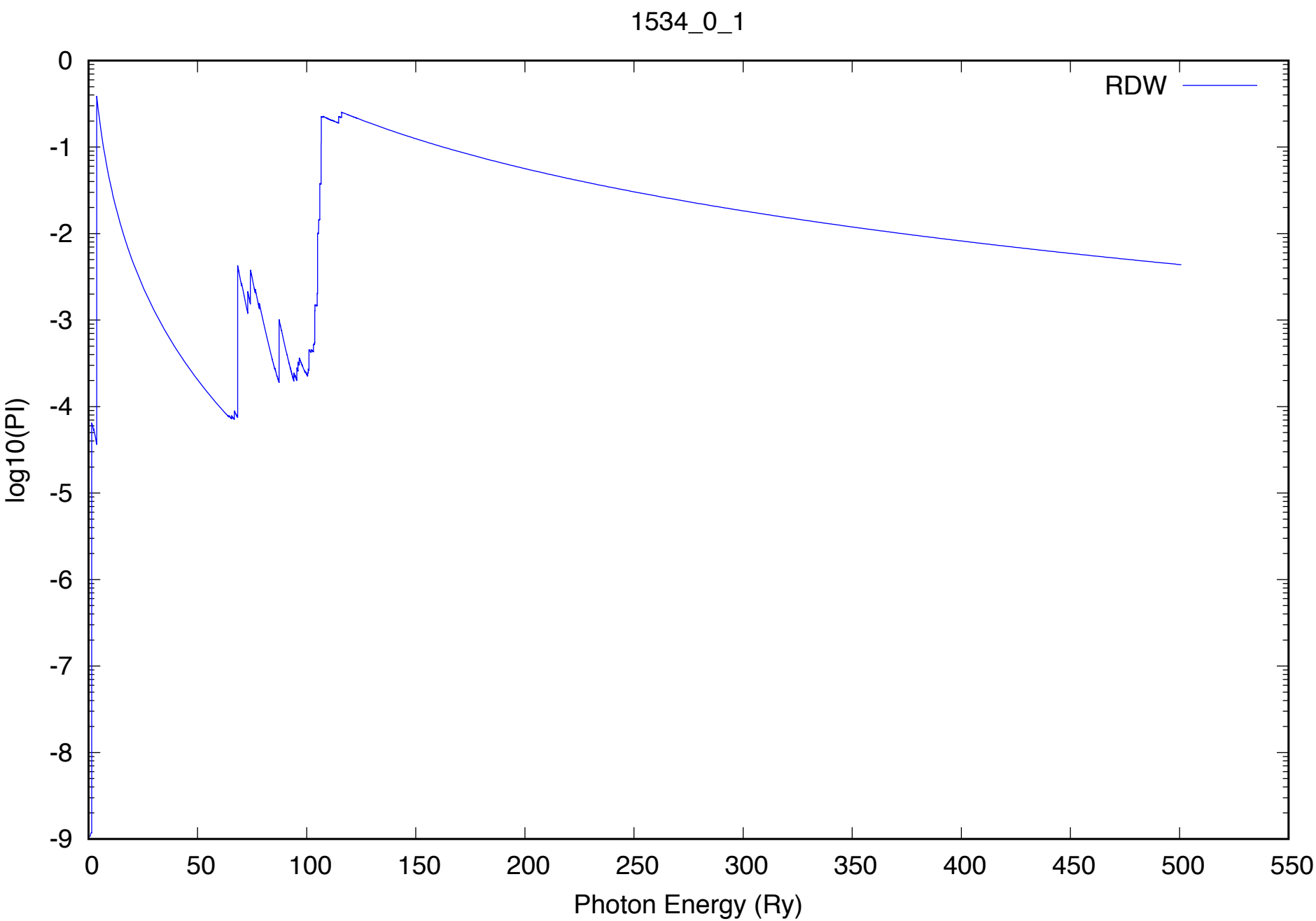
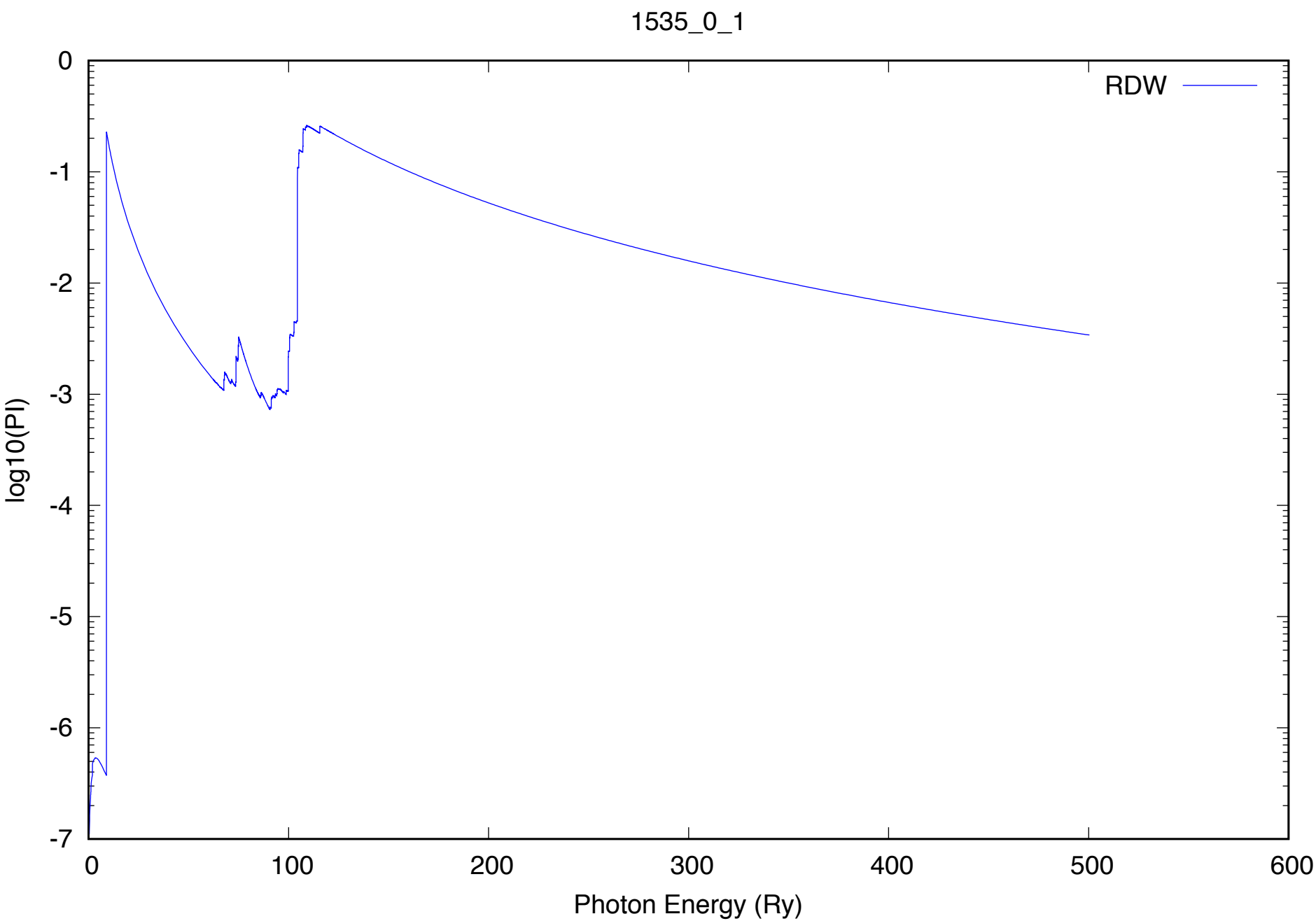
100
150
200
250
300
350
400
450
500
550


1533_0_1
RDW
0
-2
-4
-6
-8
-10
log10(PI)
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1534_0_1
RDW
log10(PI)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1535_0_1
RDW
log10(PI)
Photon Energy (Ry)
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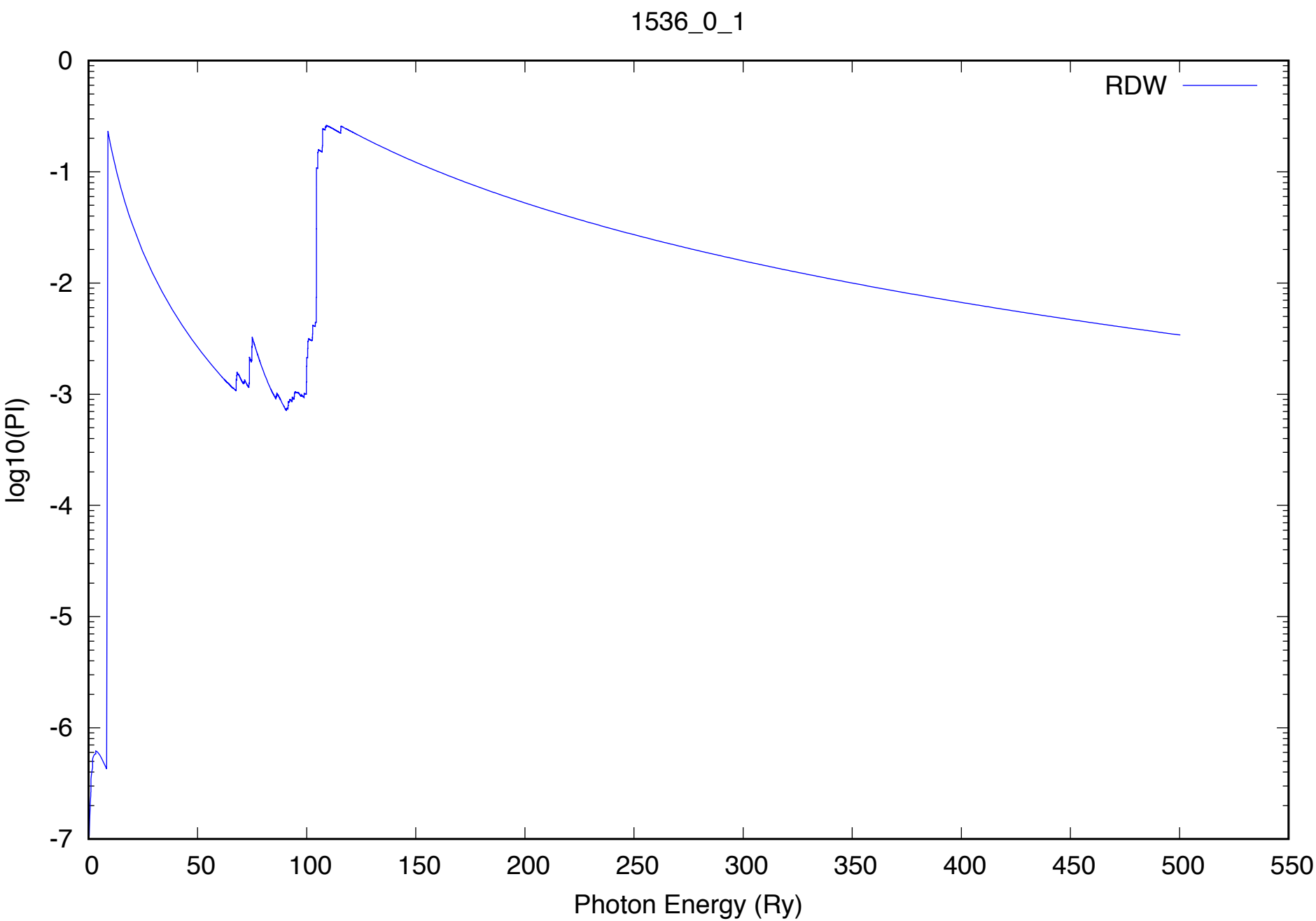
-1
-2
-3
-4
-5
-6
-7
0
100
200
300
400
500
600


1536_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
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-3
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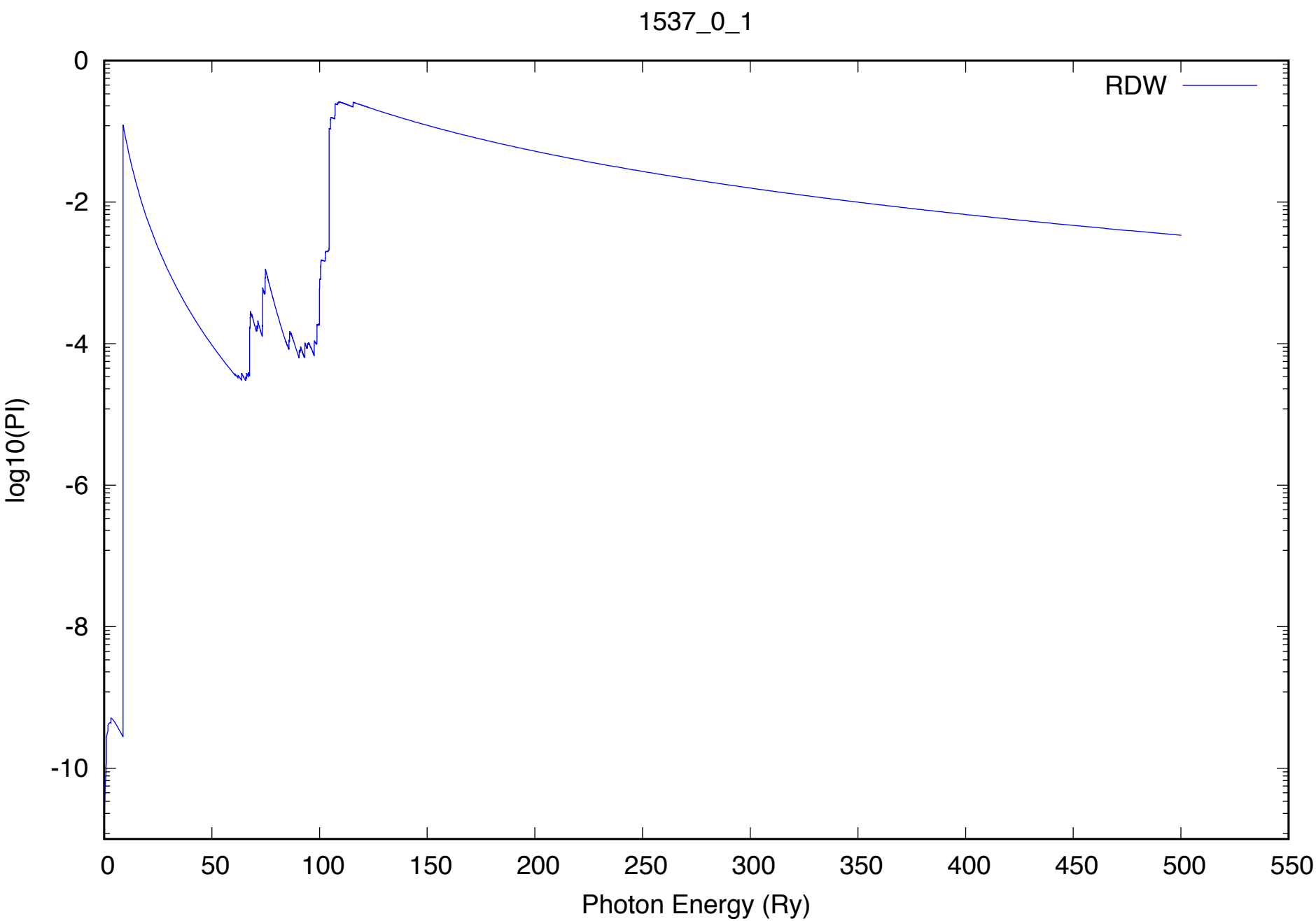
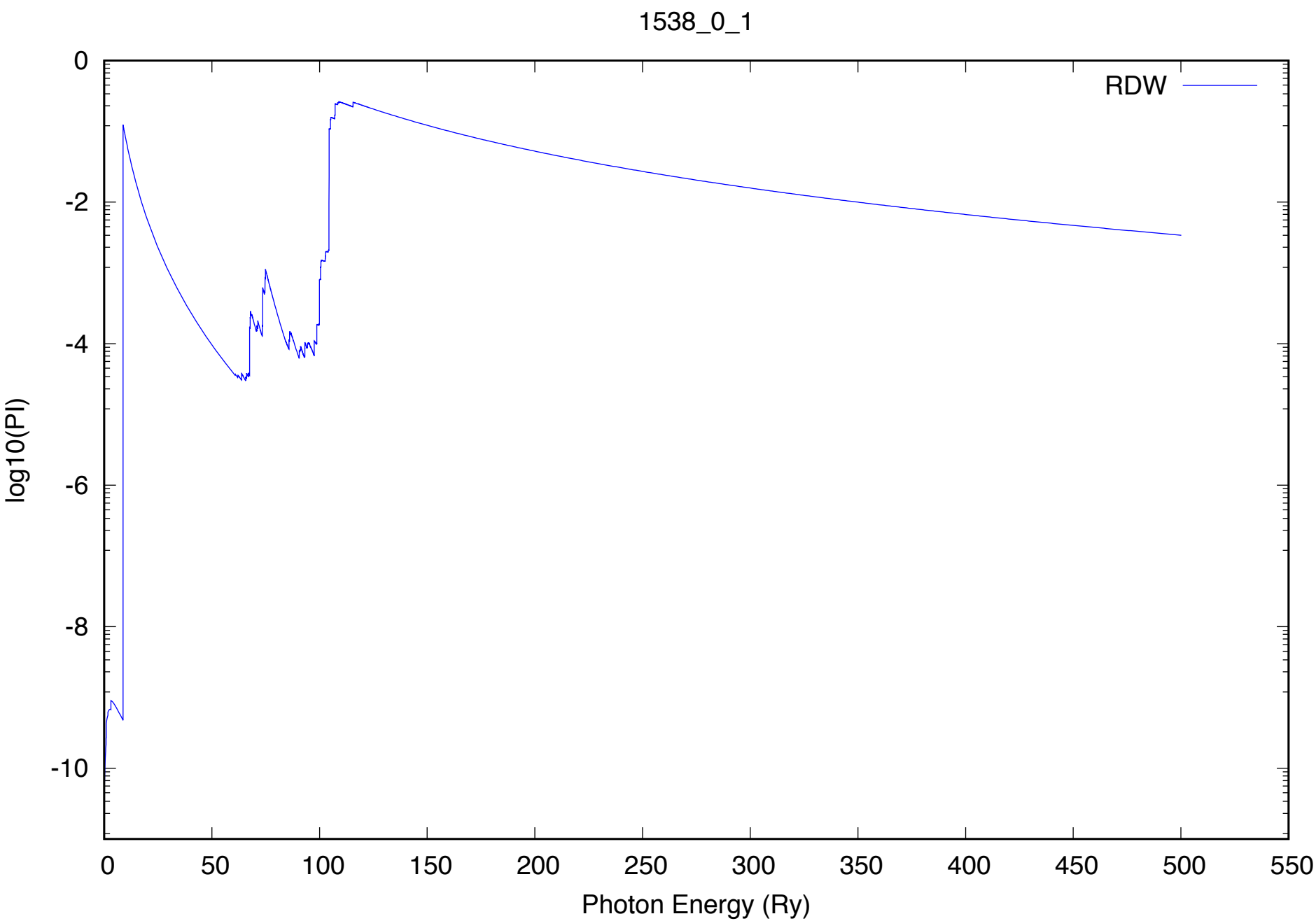
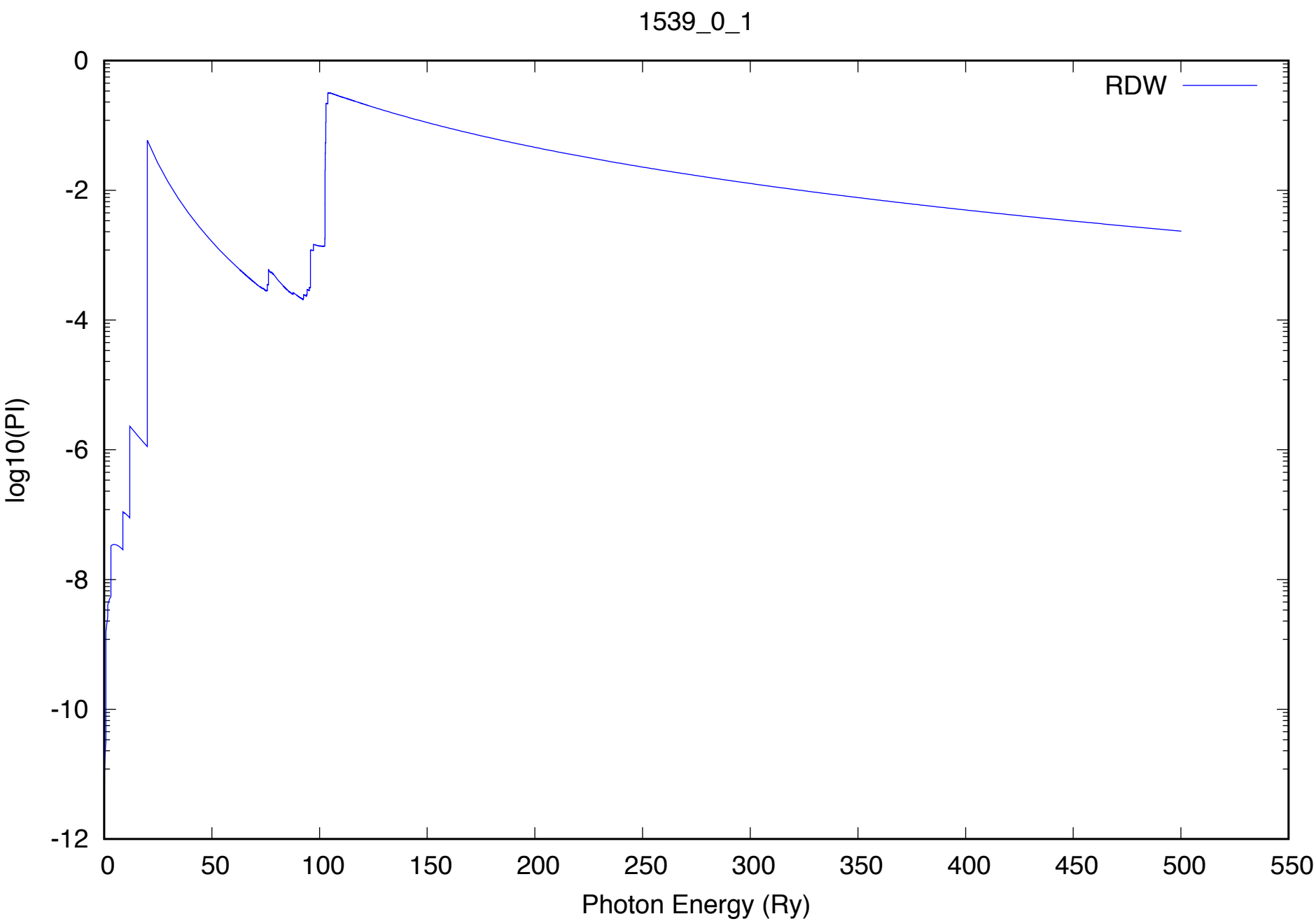
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1537_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1538_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1539_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
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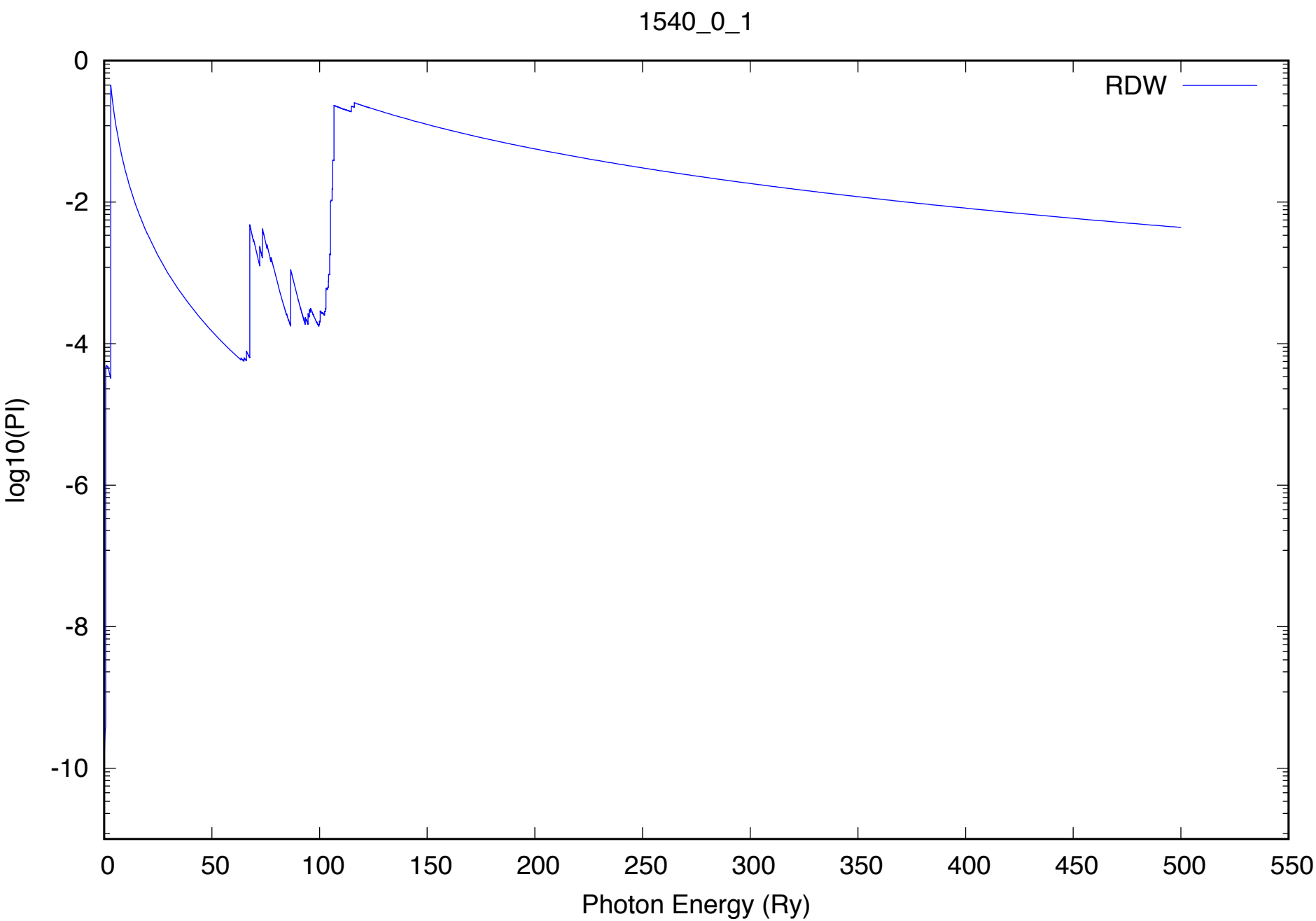
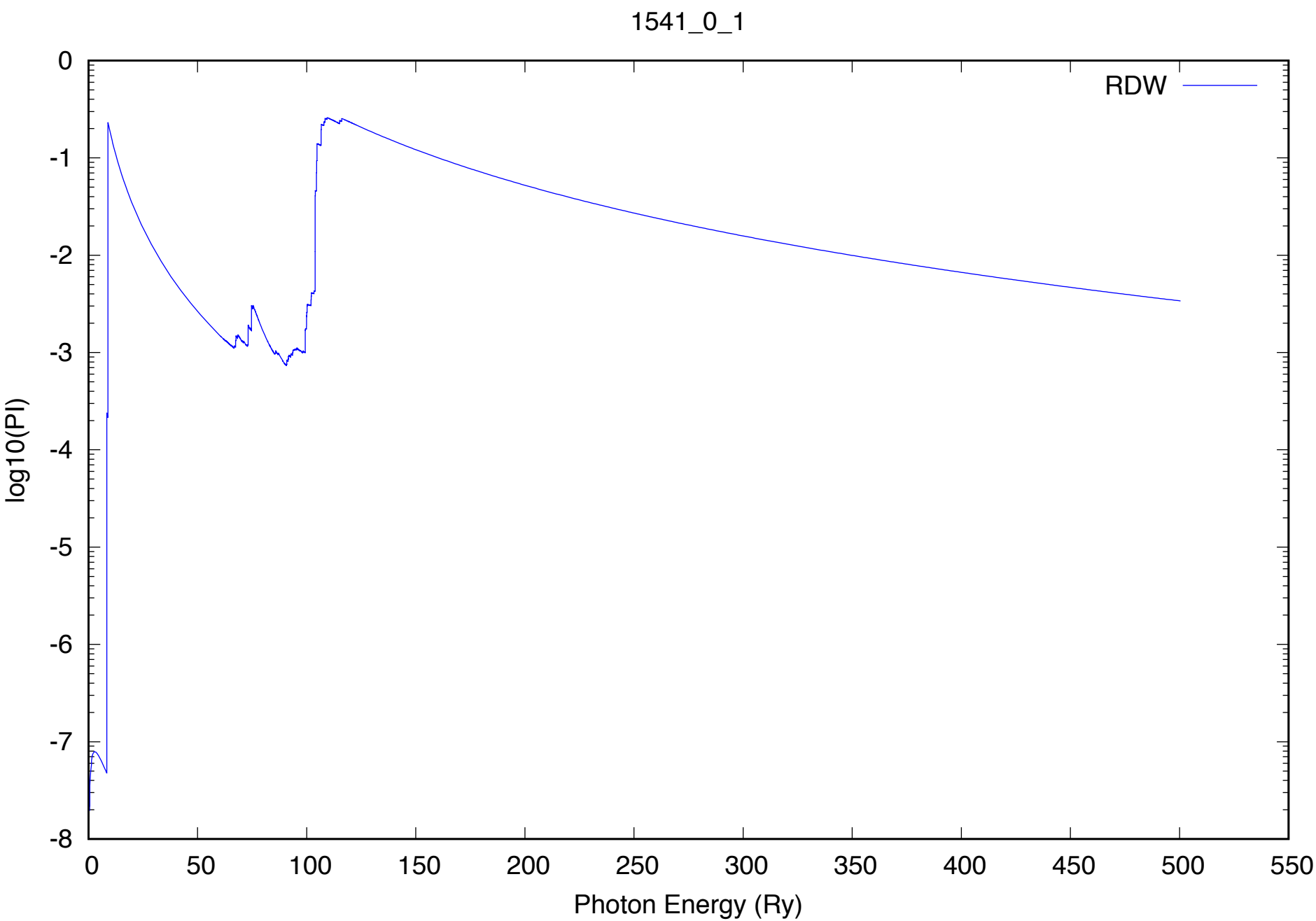
100
150
200
250
300
350
400
450
500
550


1540_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1541_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
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-6
-7
-8
0
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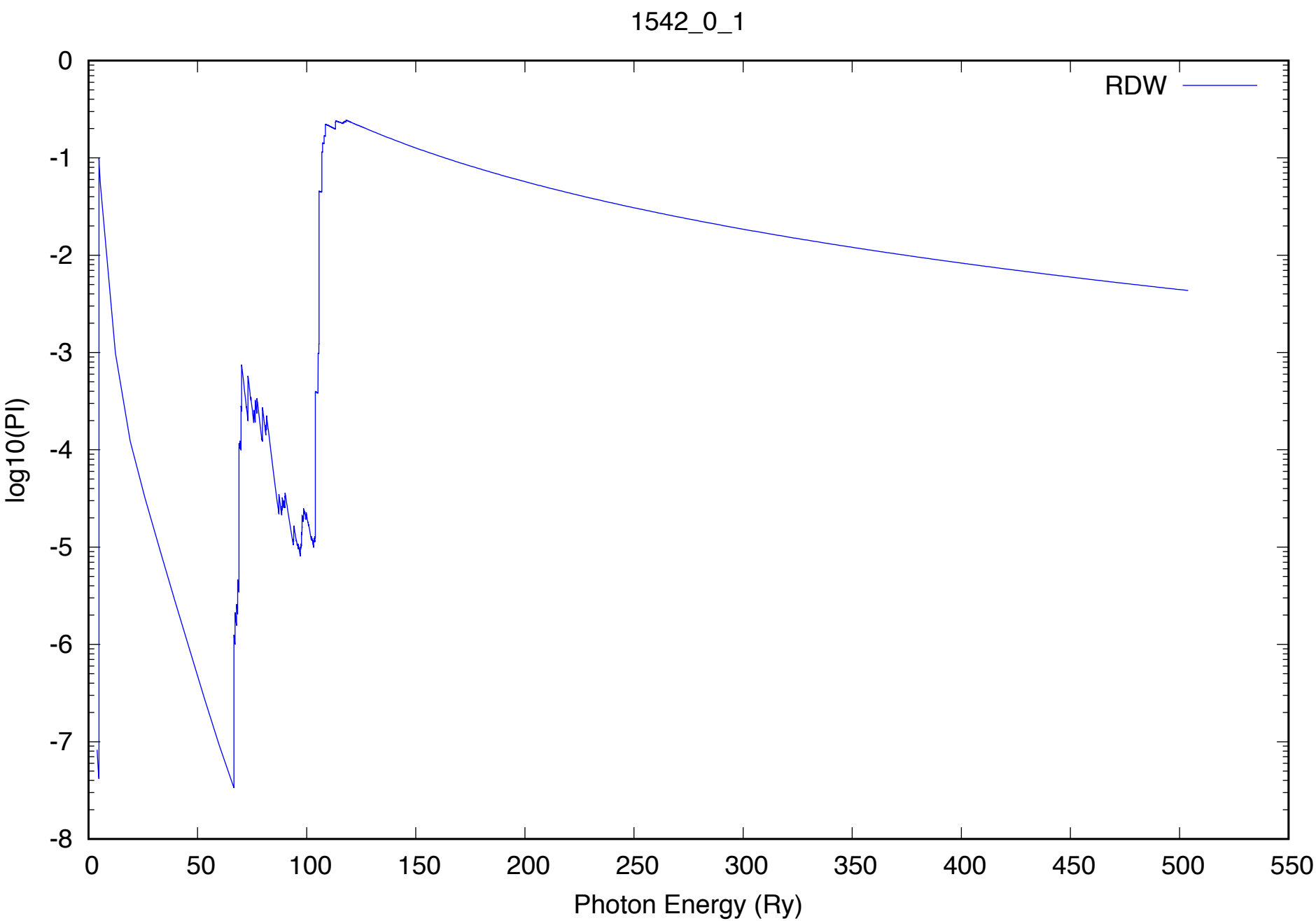
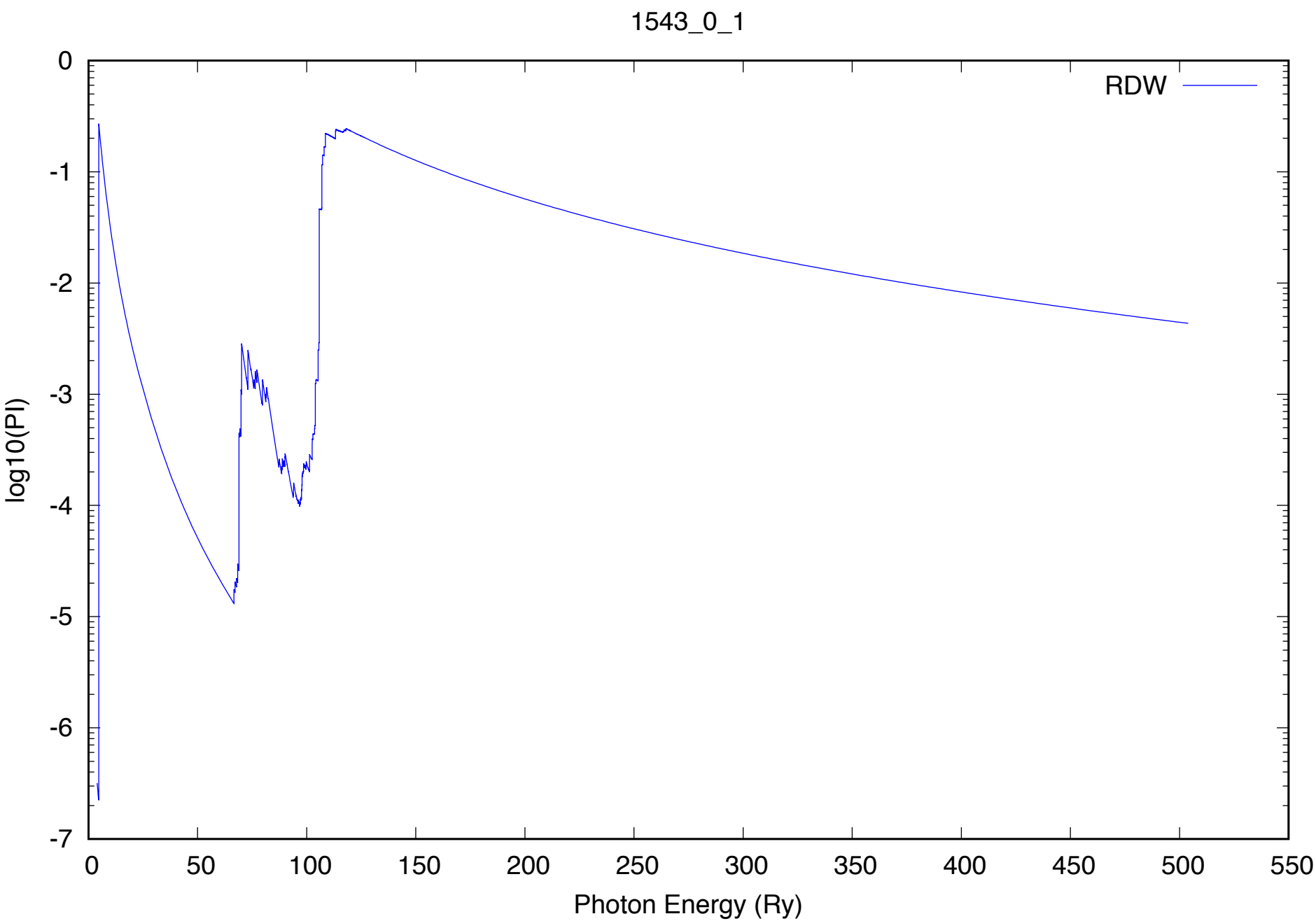
100
150
200
250
300
350
400
450
500
550


1542_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1543_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
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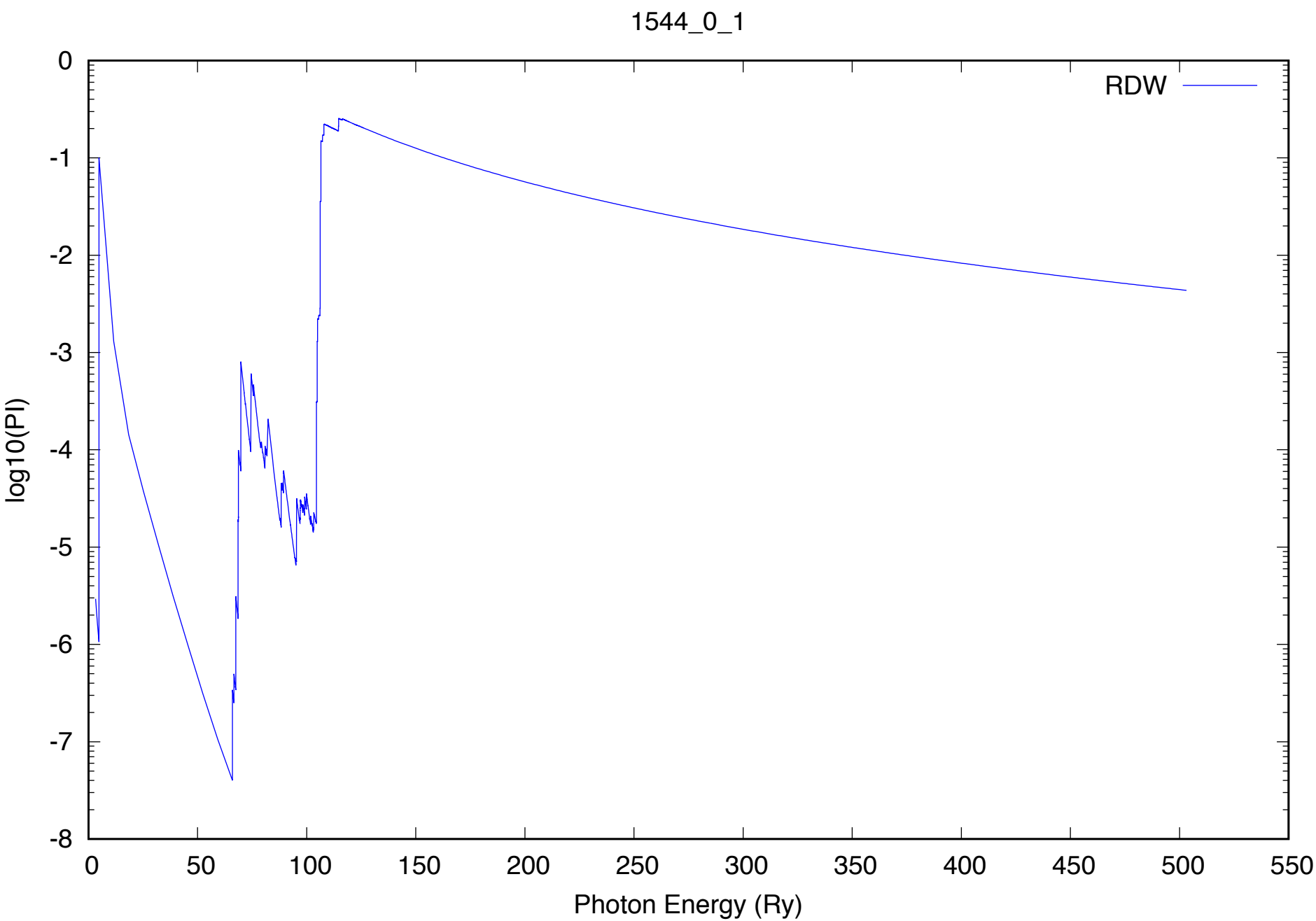
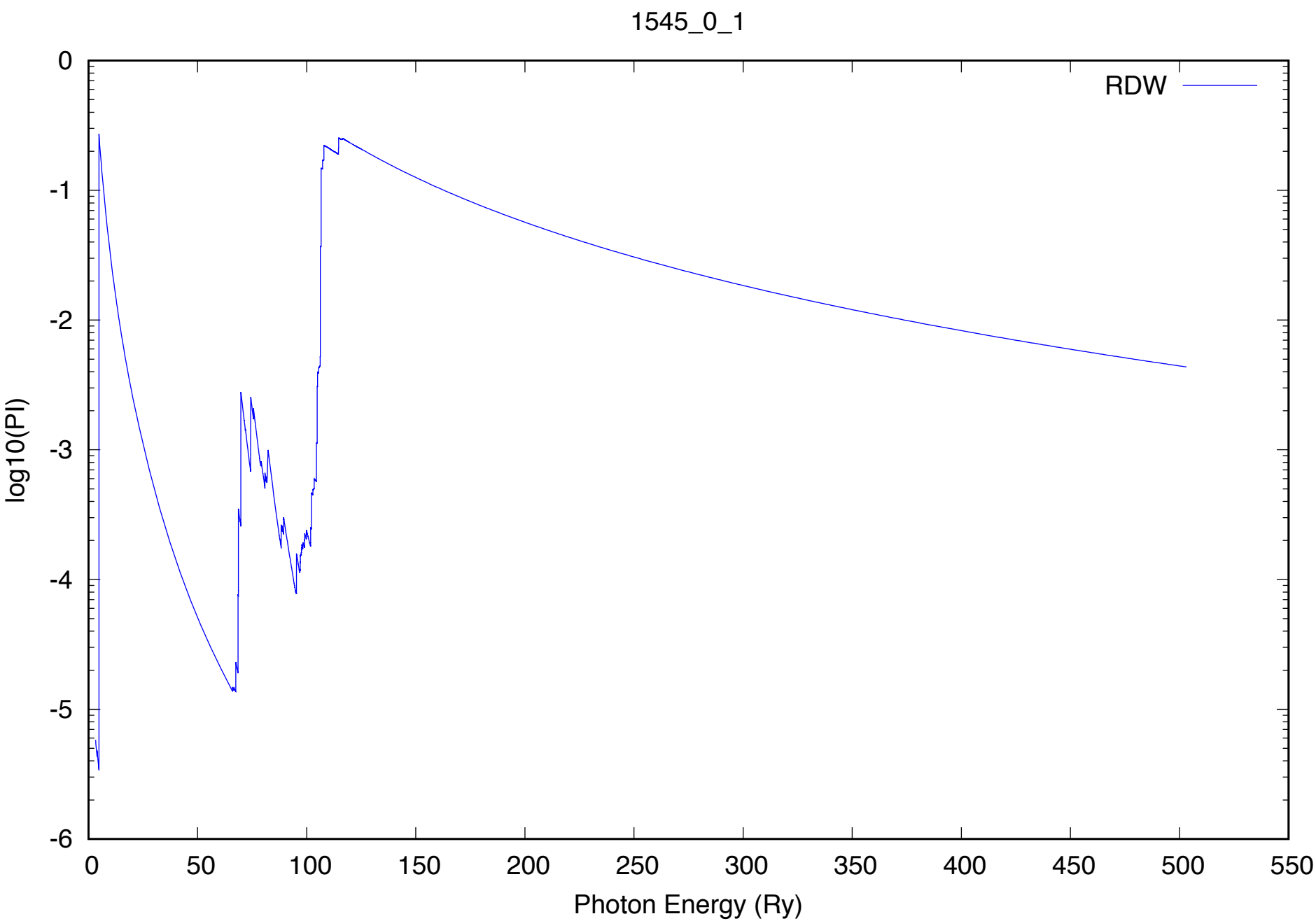
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550


1544_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550


1545_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
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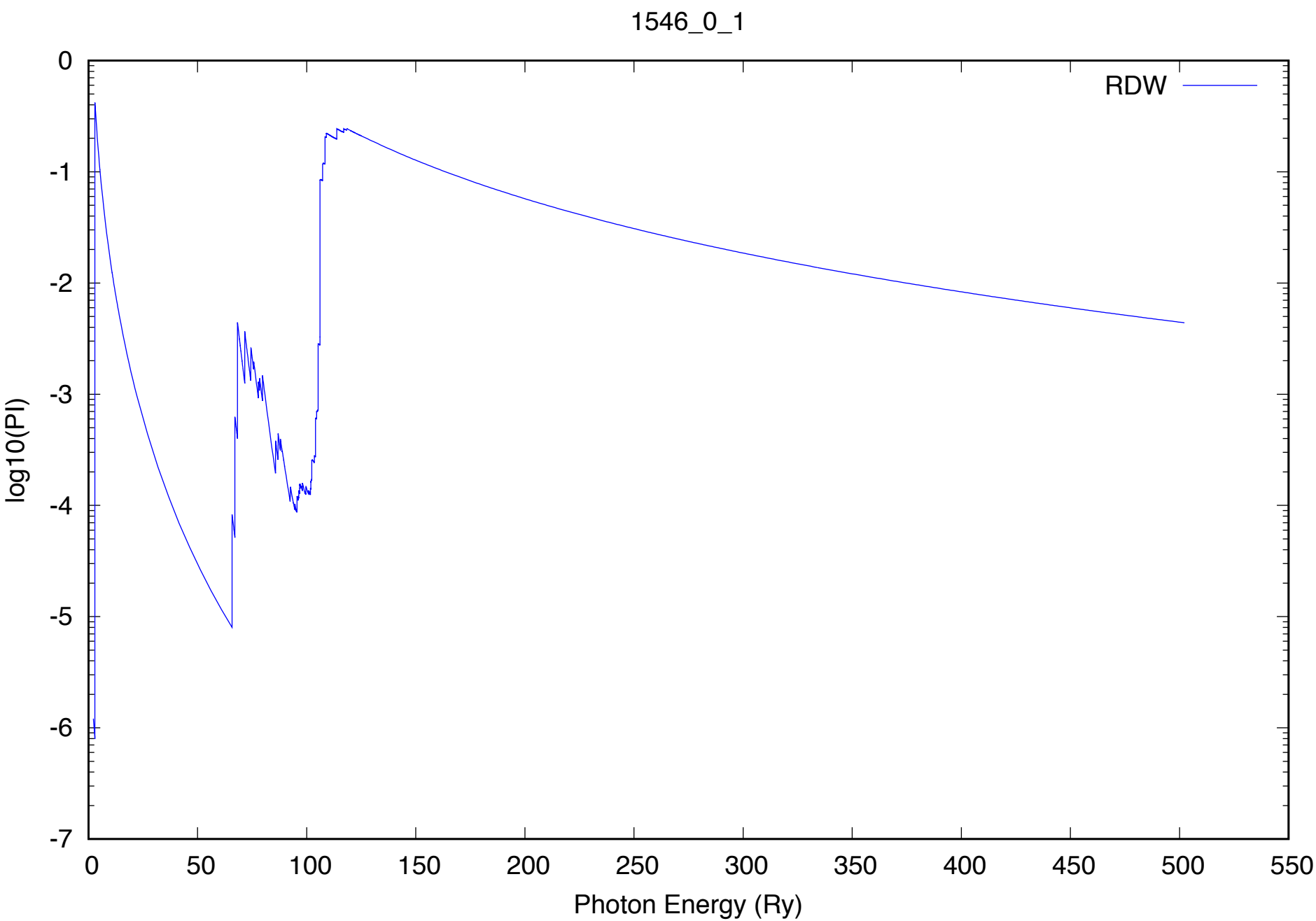
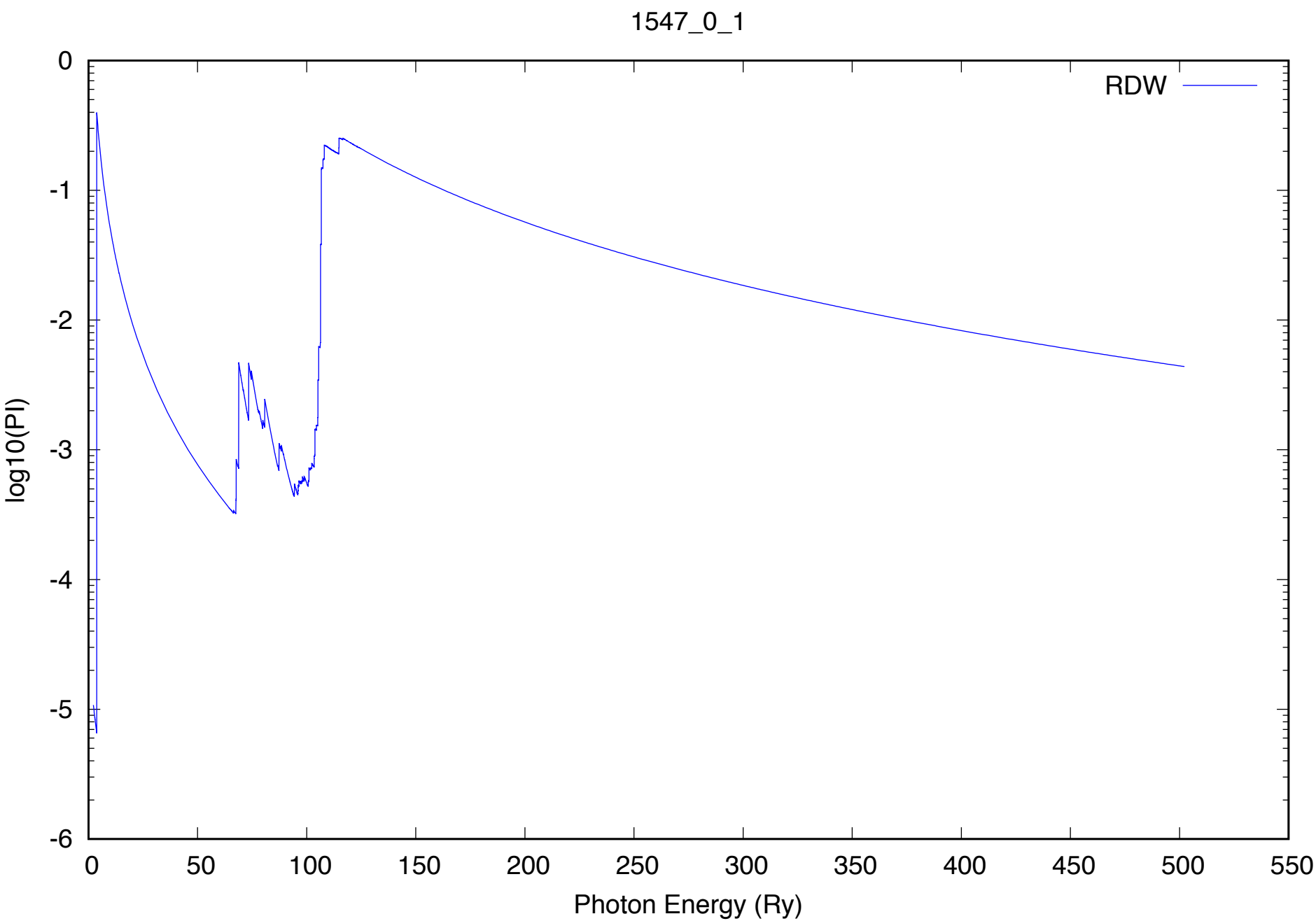
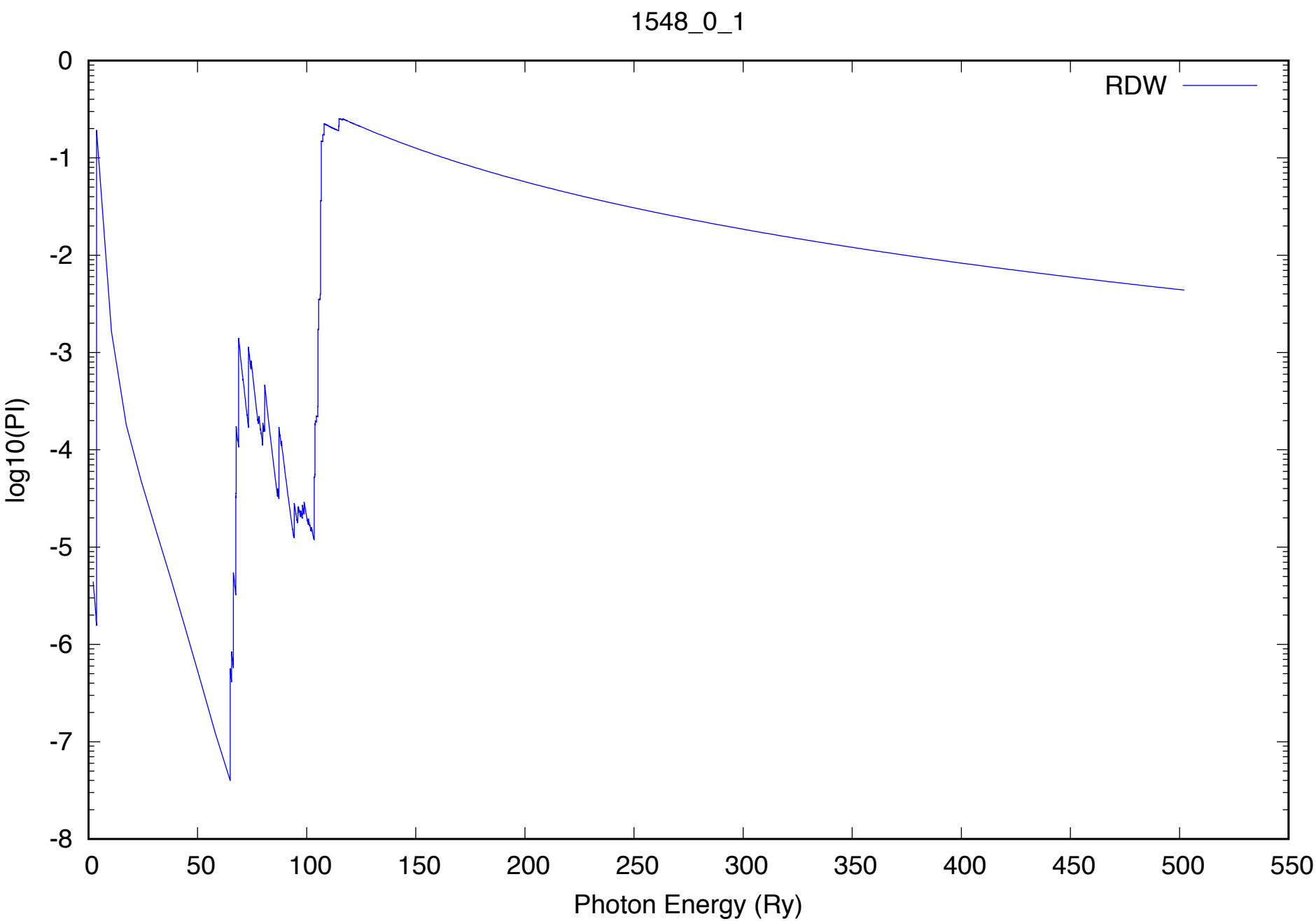
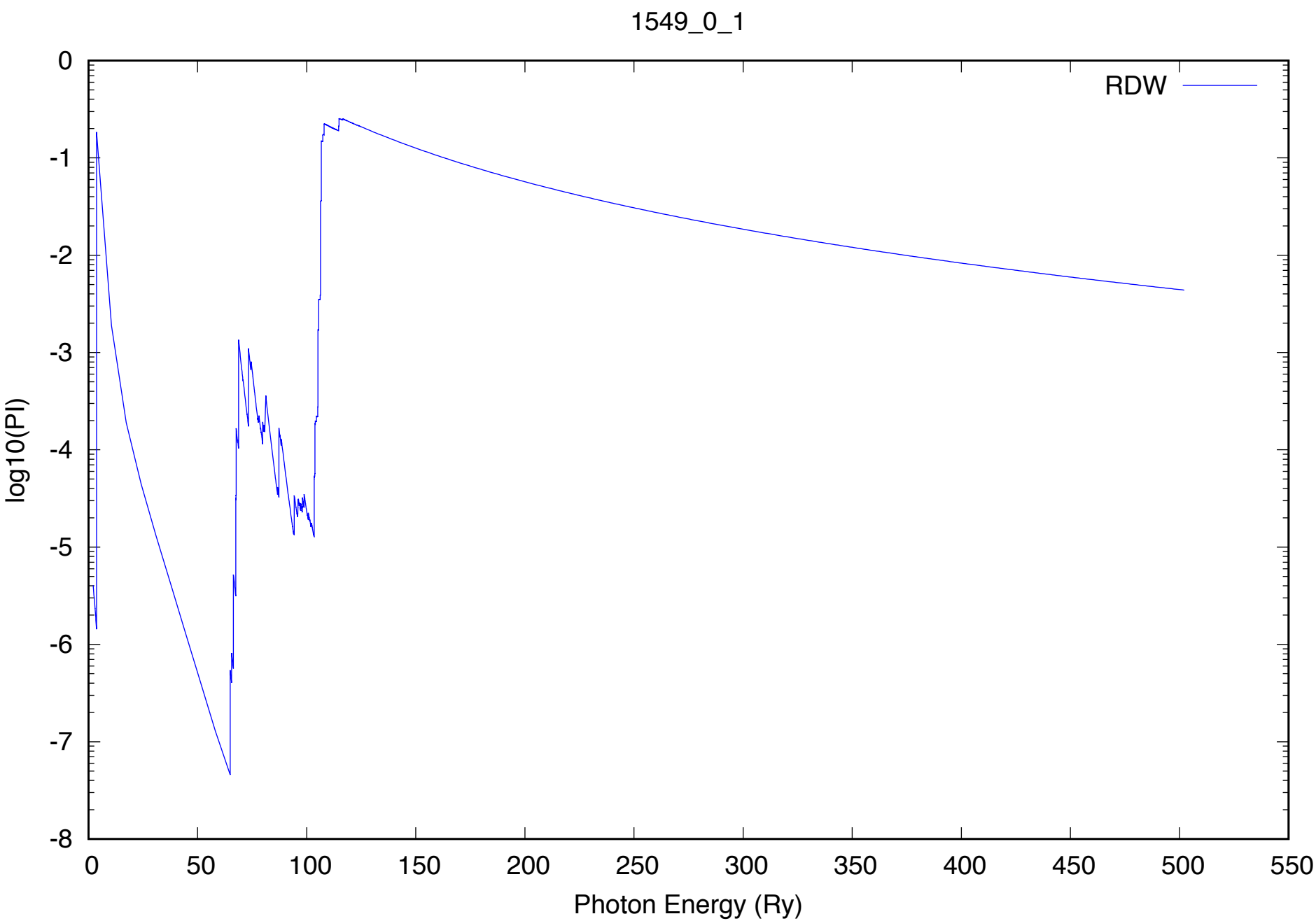
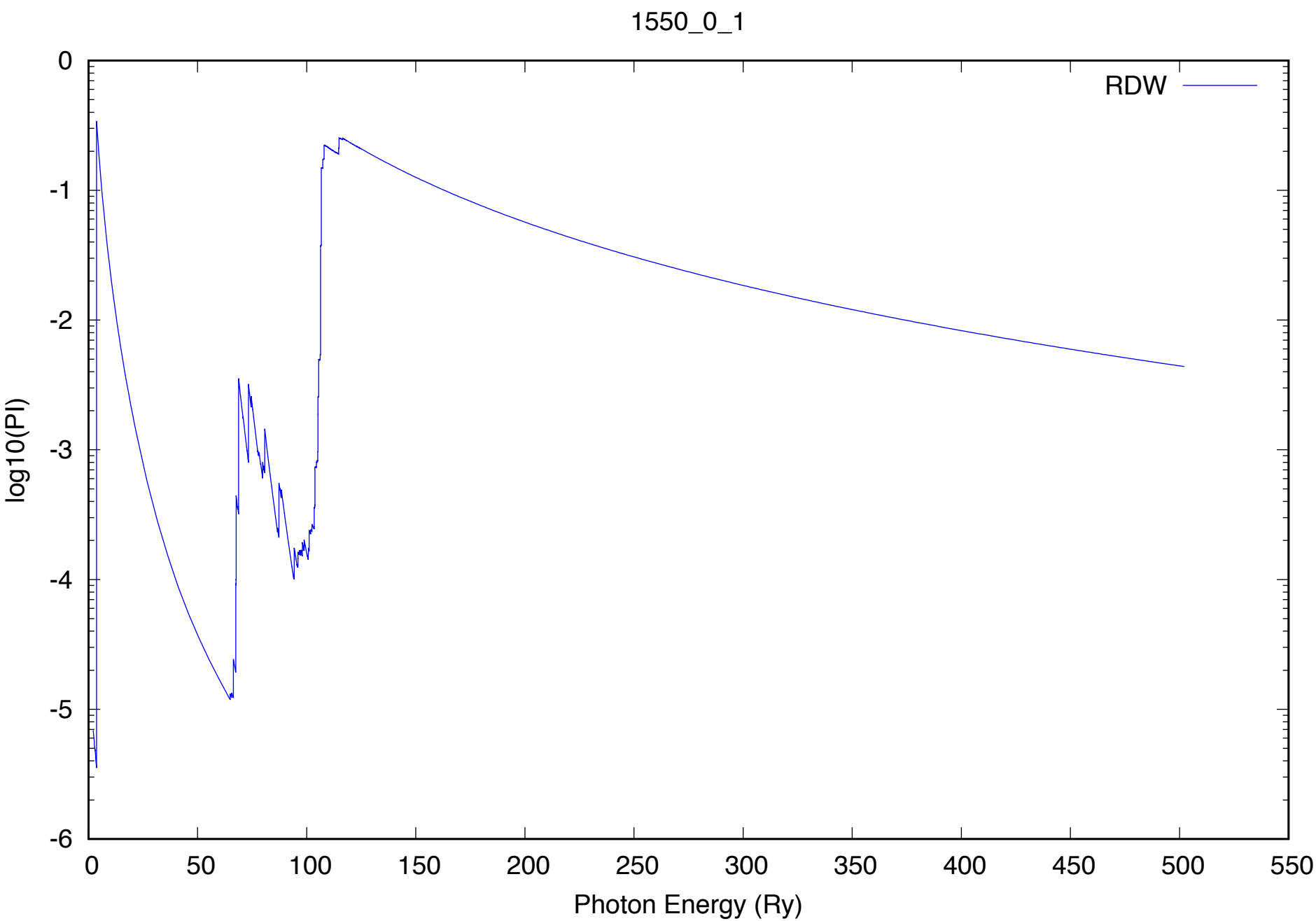
100
150
200
250
300
350
400
450
500
550

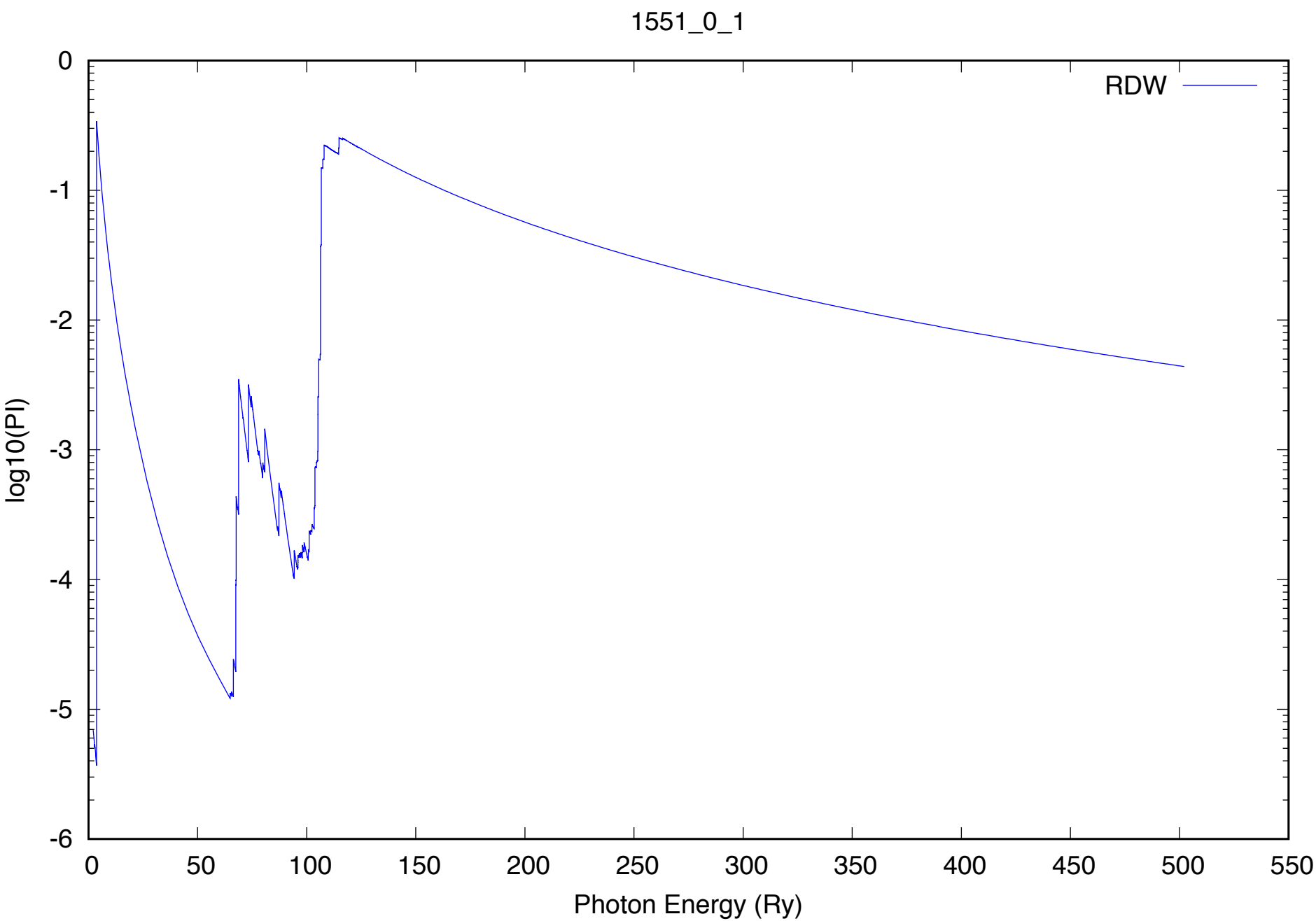

1546_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

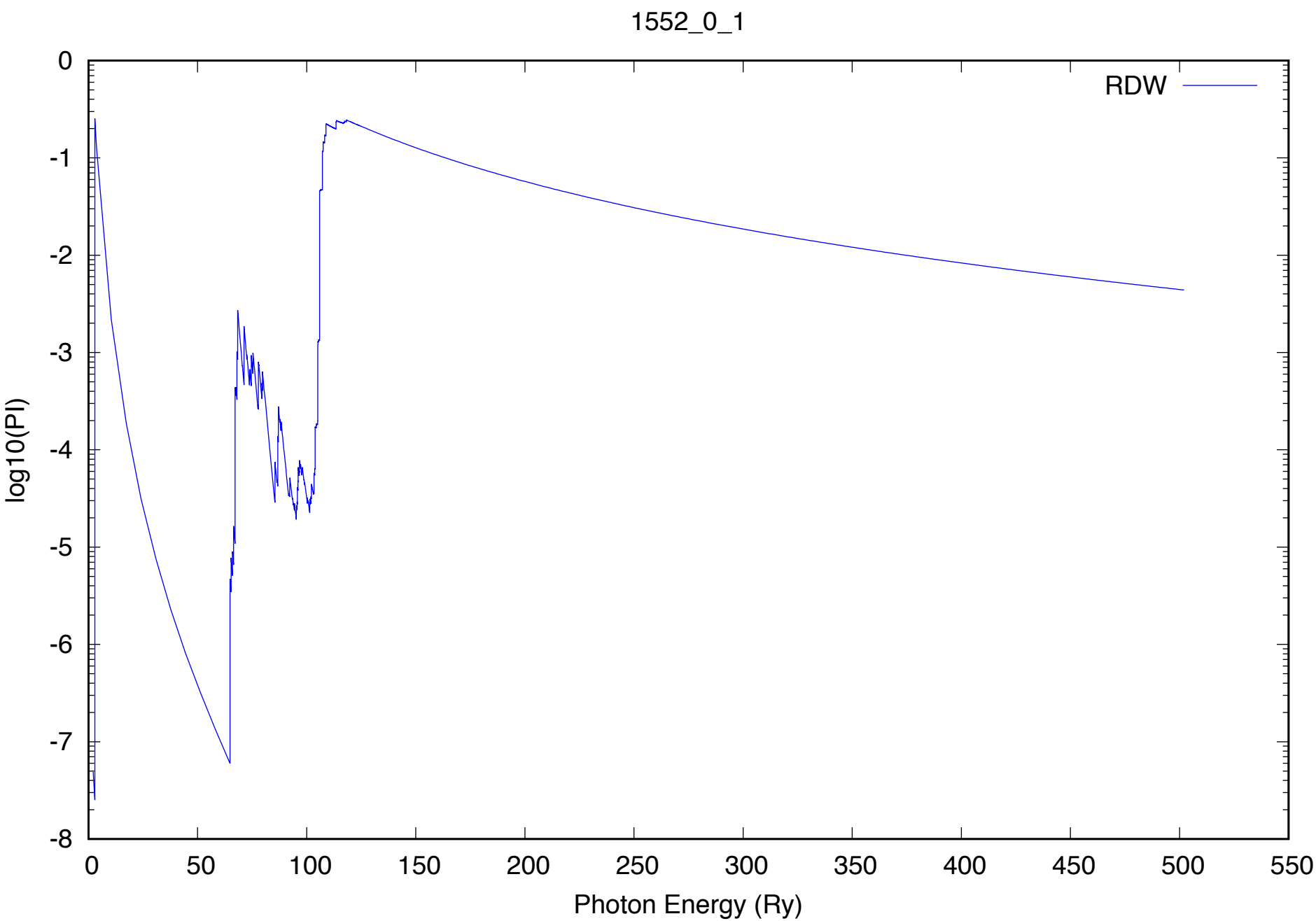

1547_0_1
RDW
log10(PI)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)

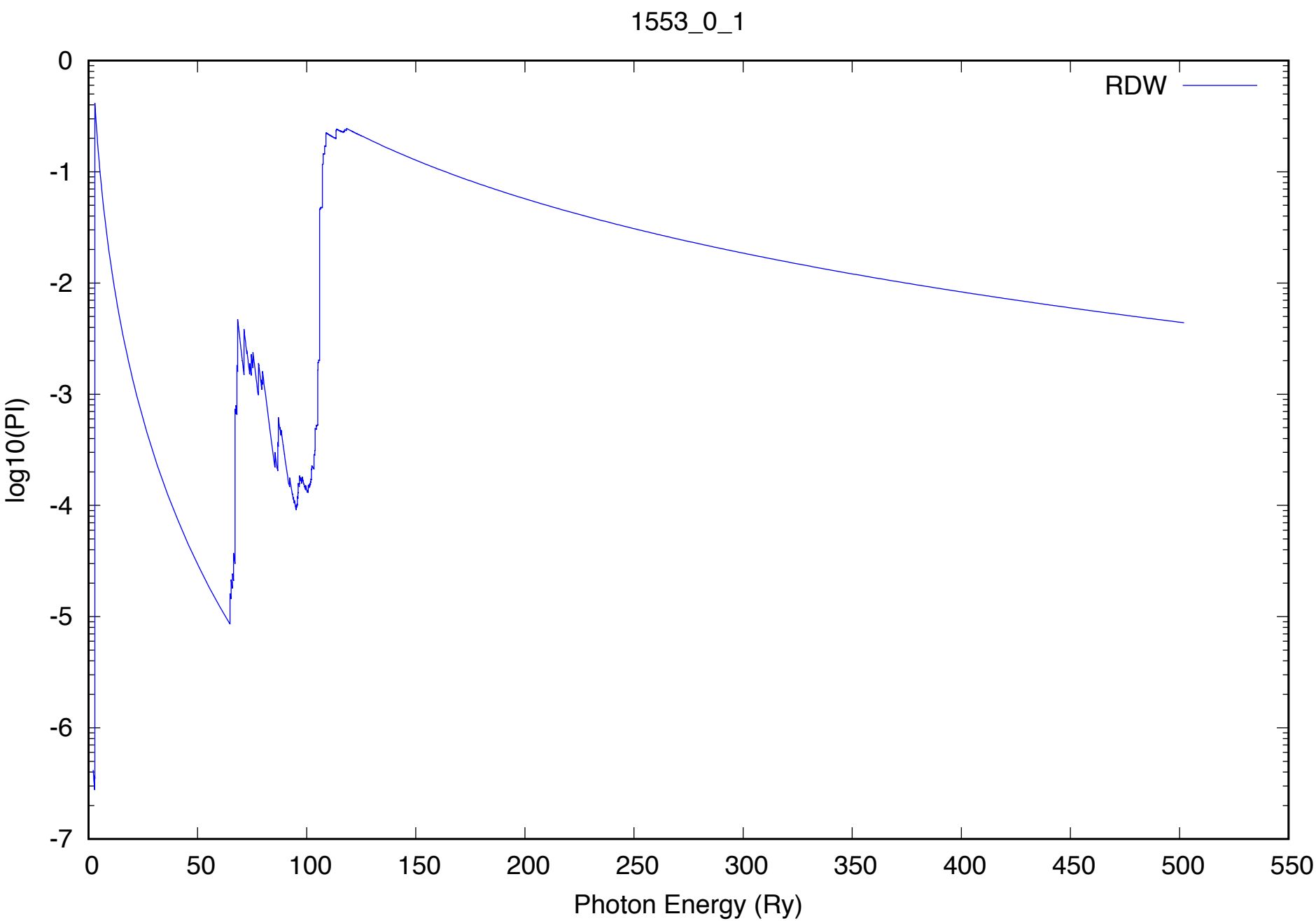

1548_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

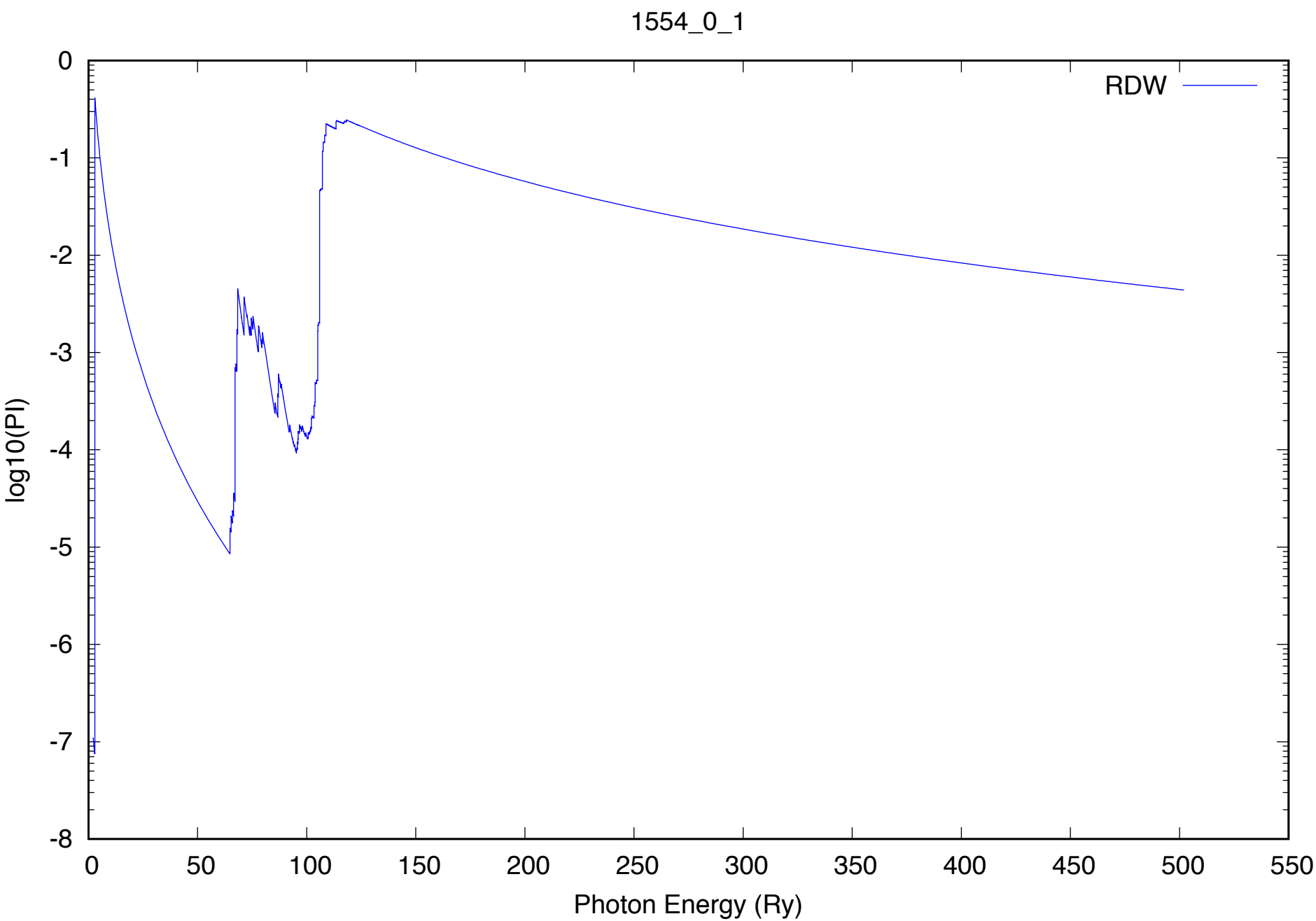

1549_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

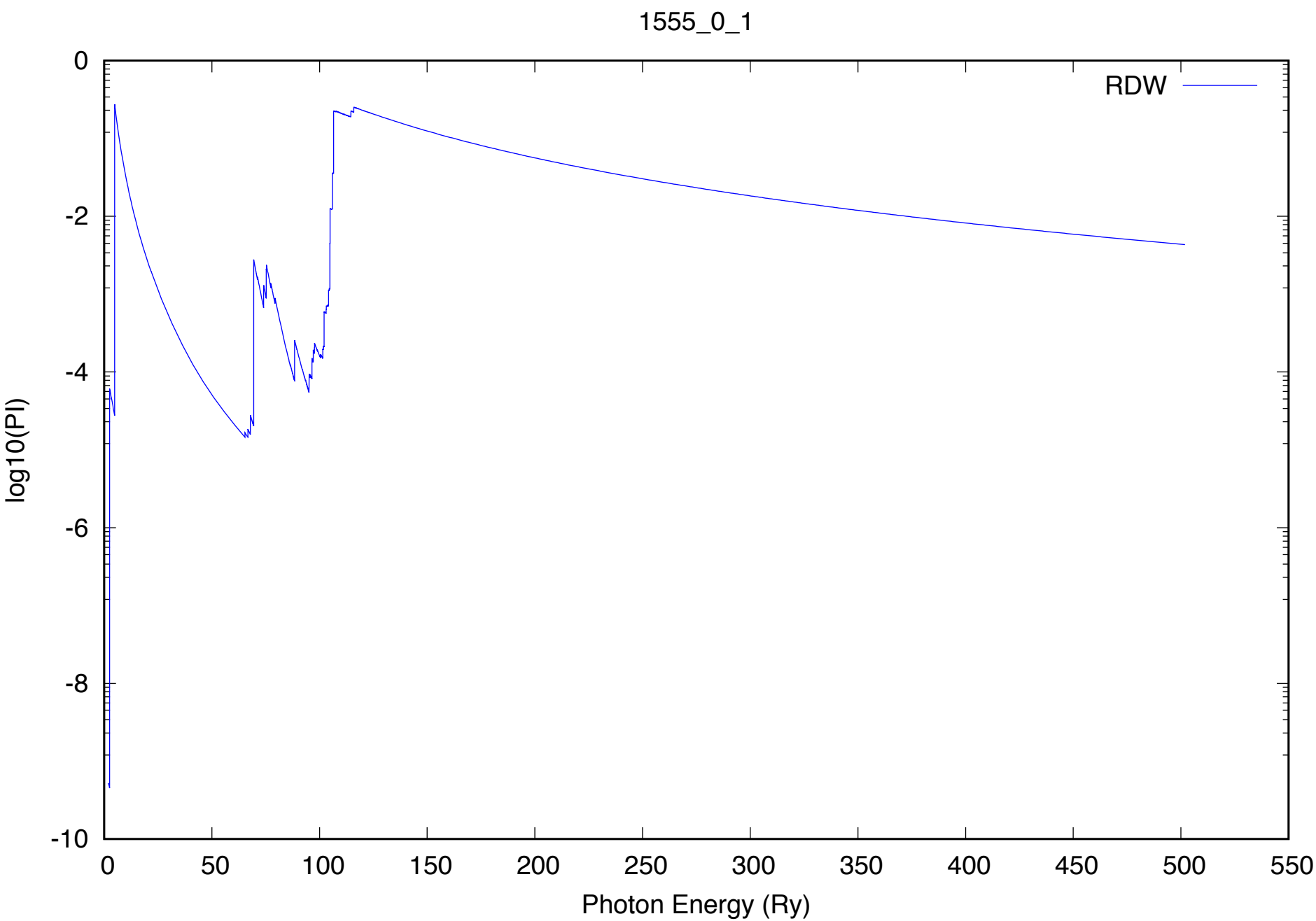

1550_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

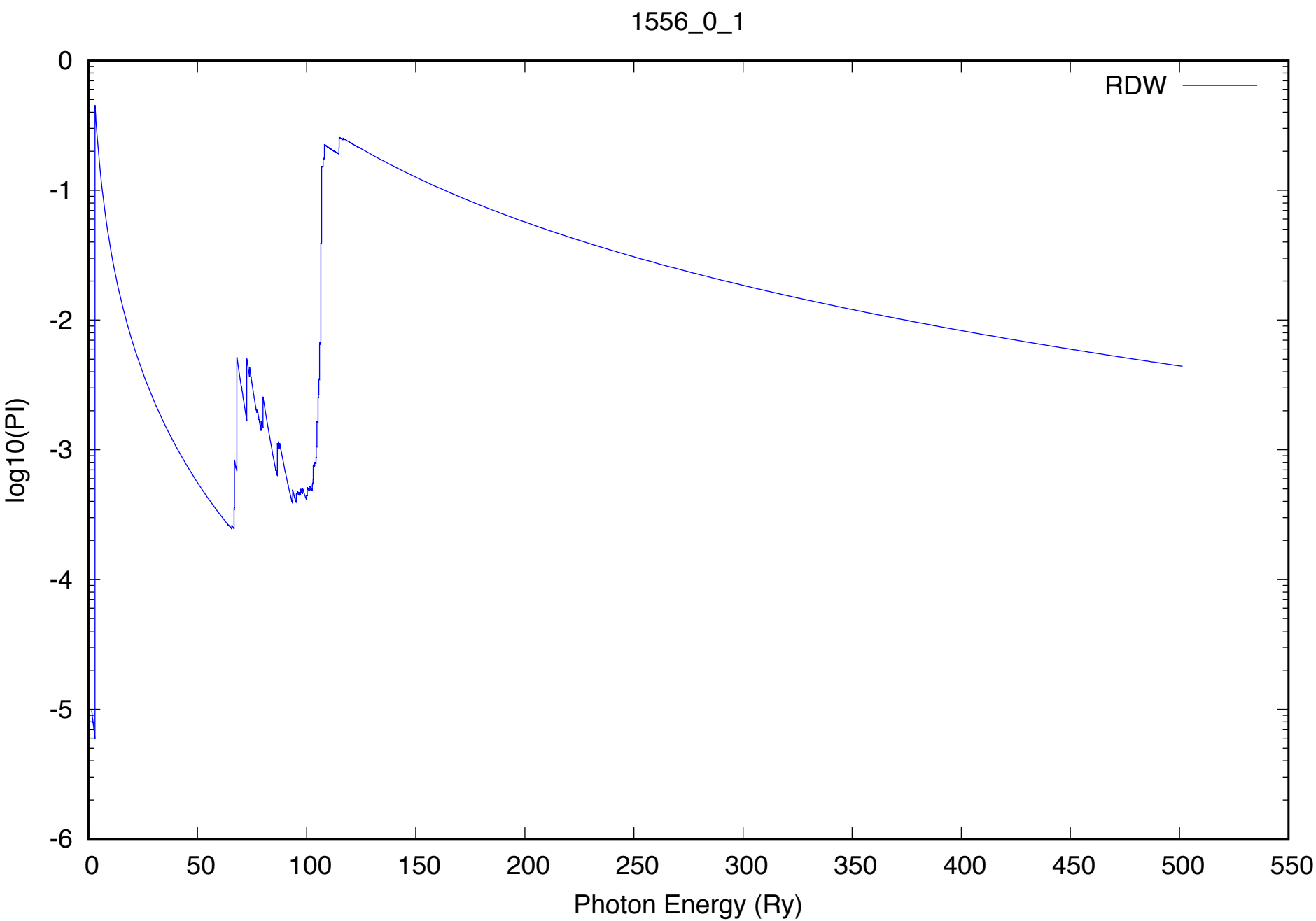

1551_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

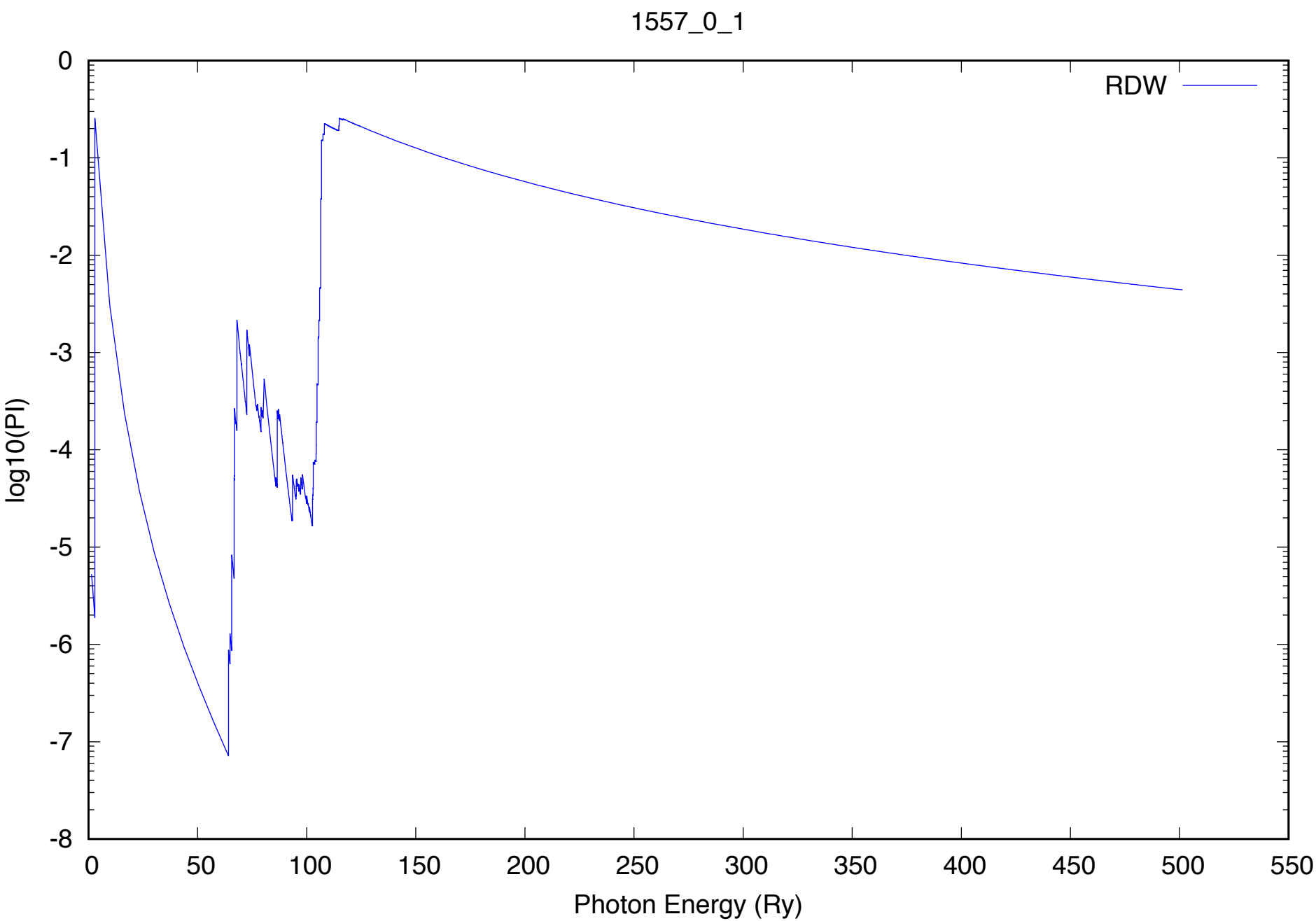

1552_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

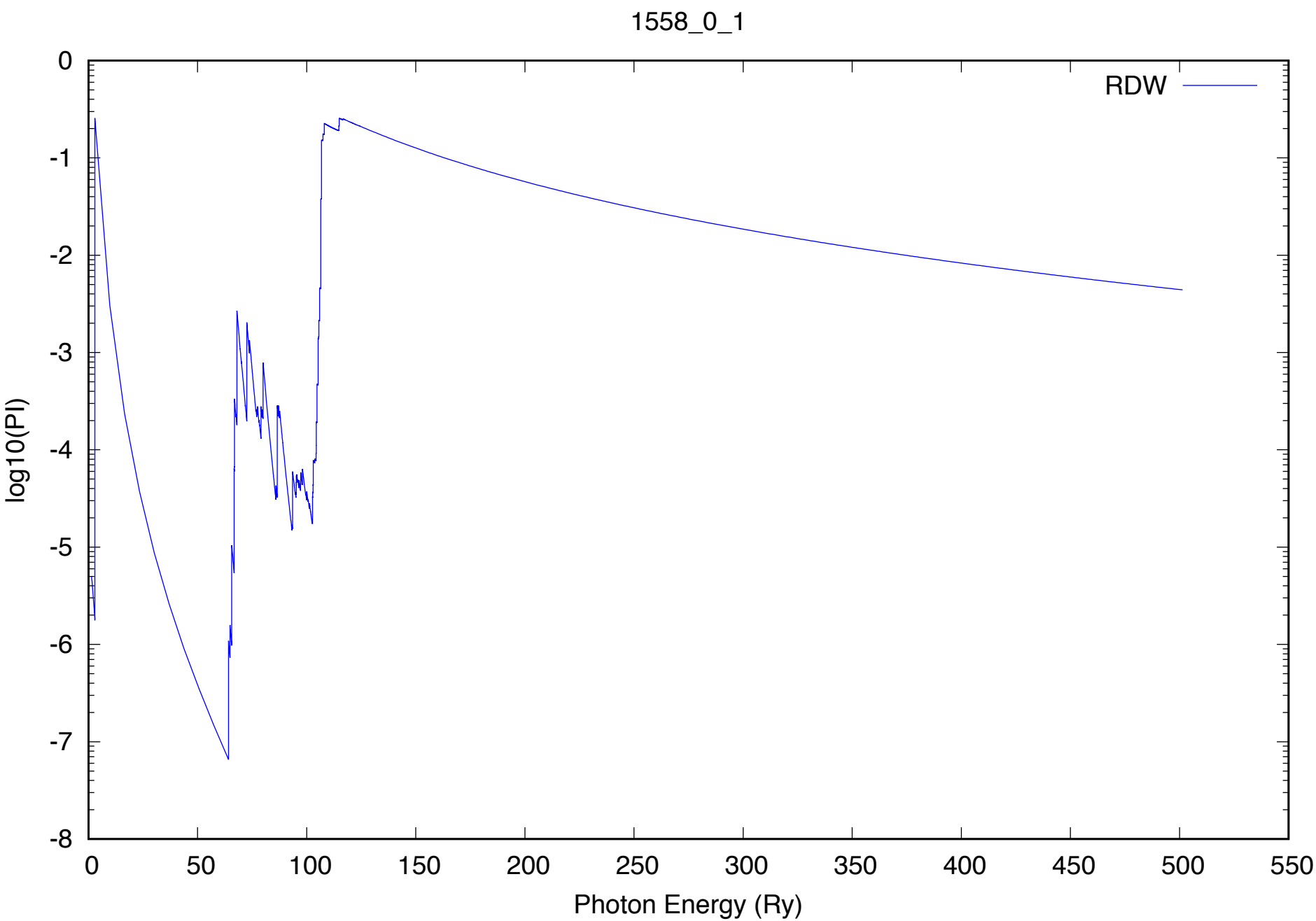

1553_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

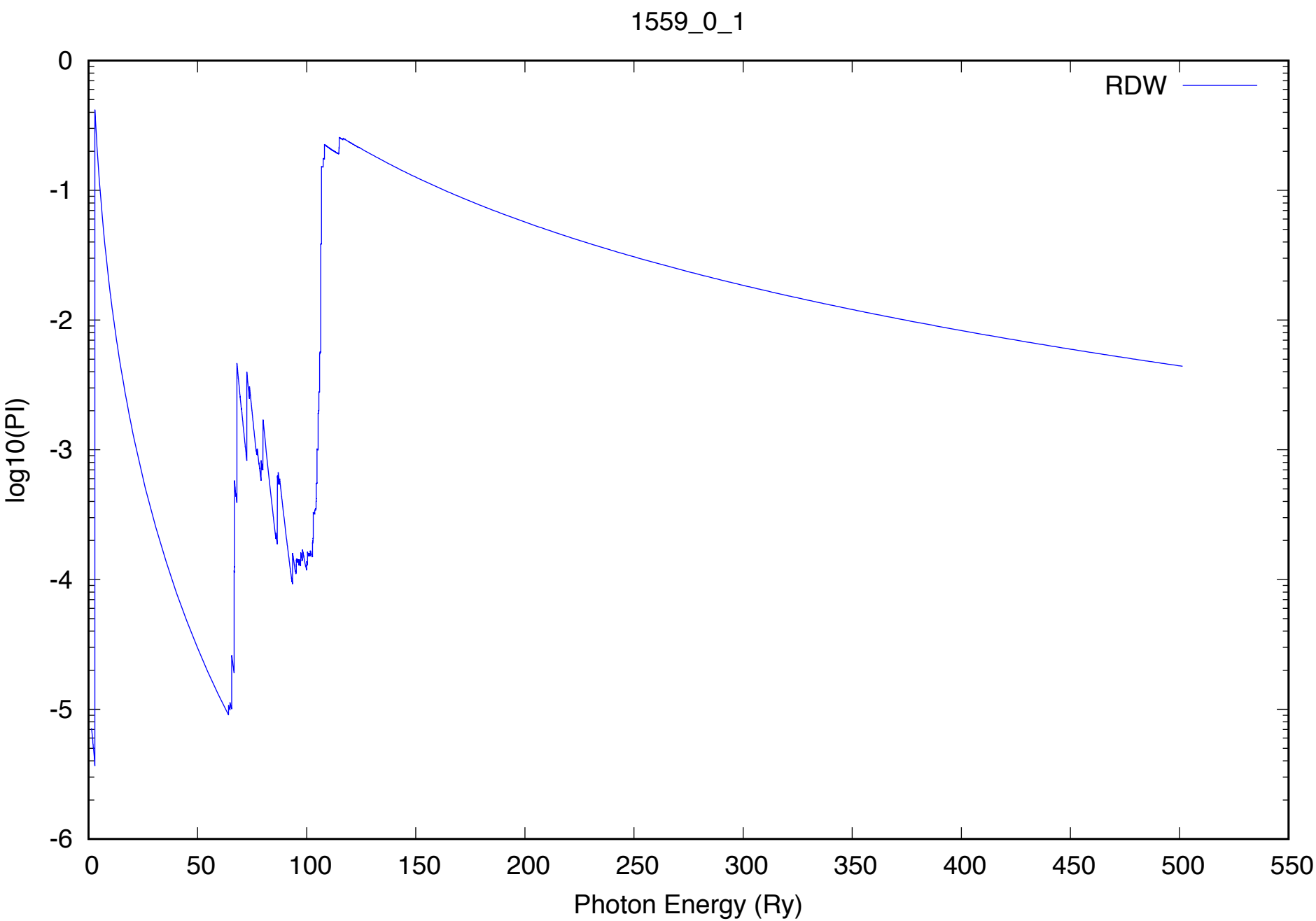

1554_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

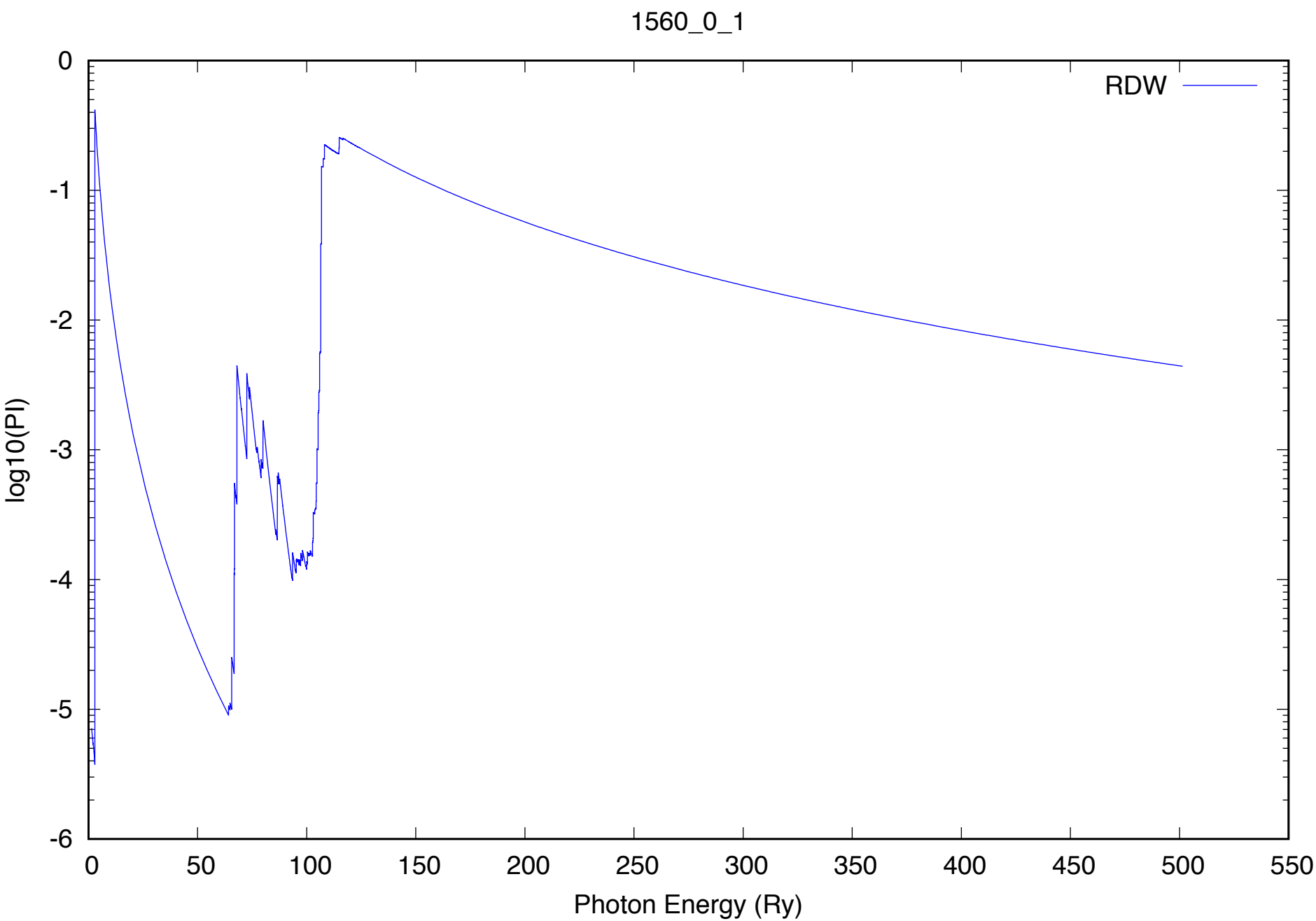

1555_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

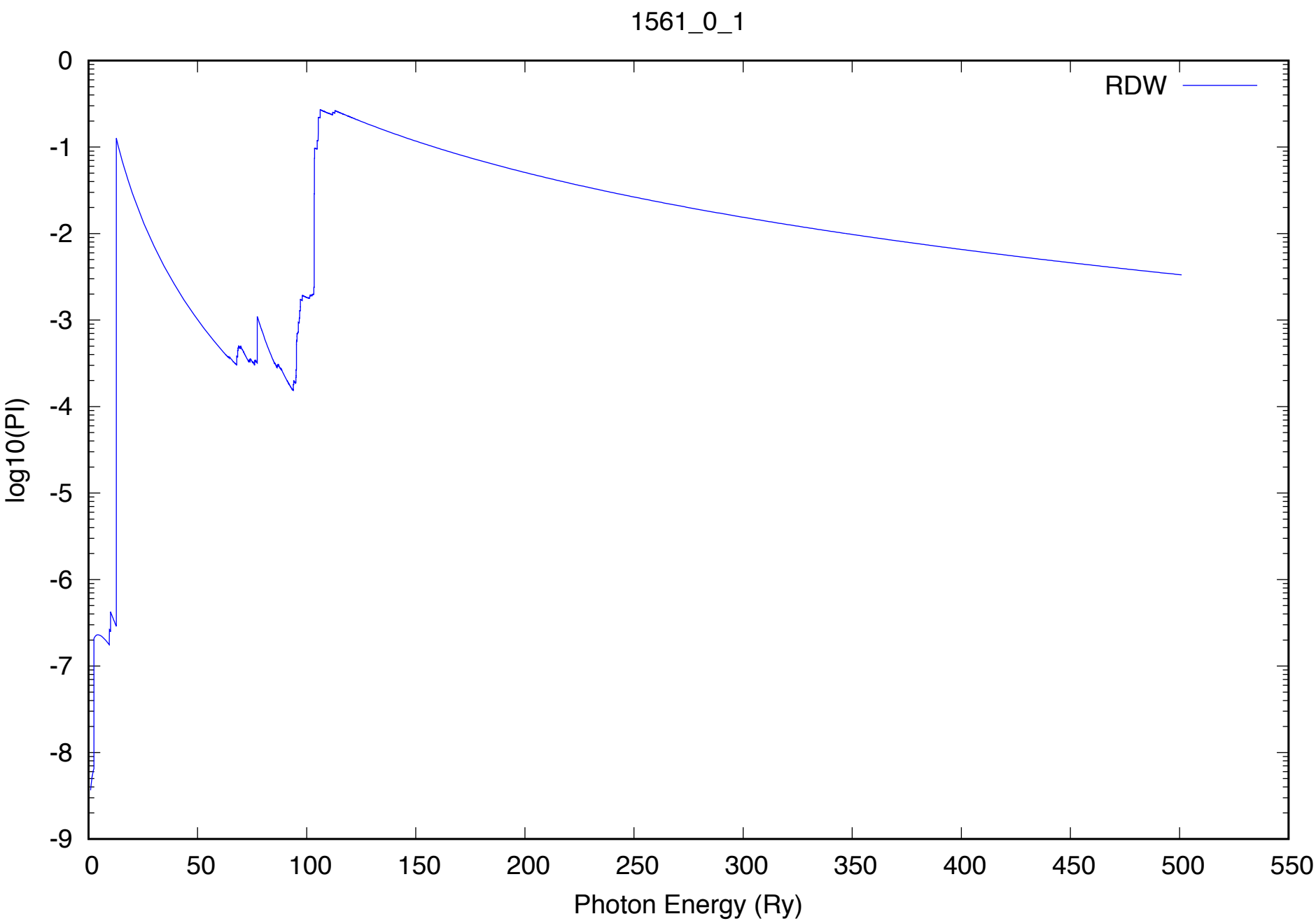

1556_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

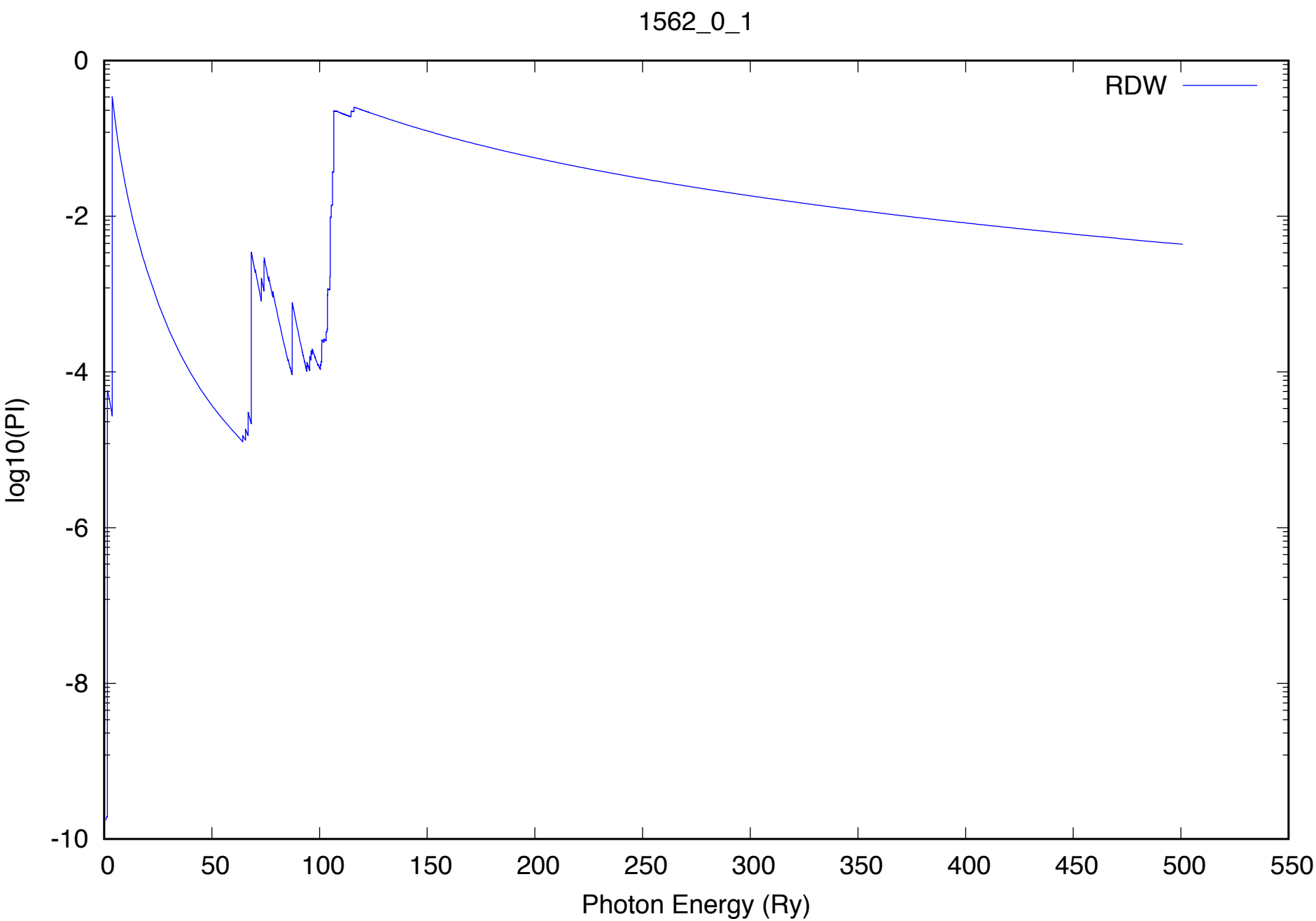

1557_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

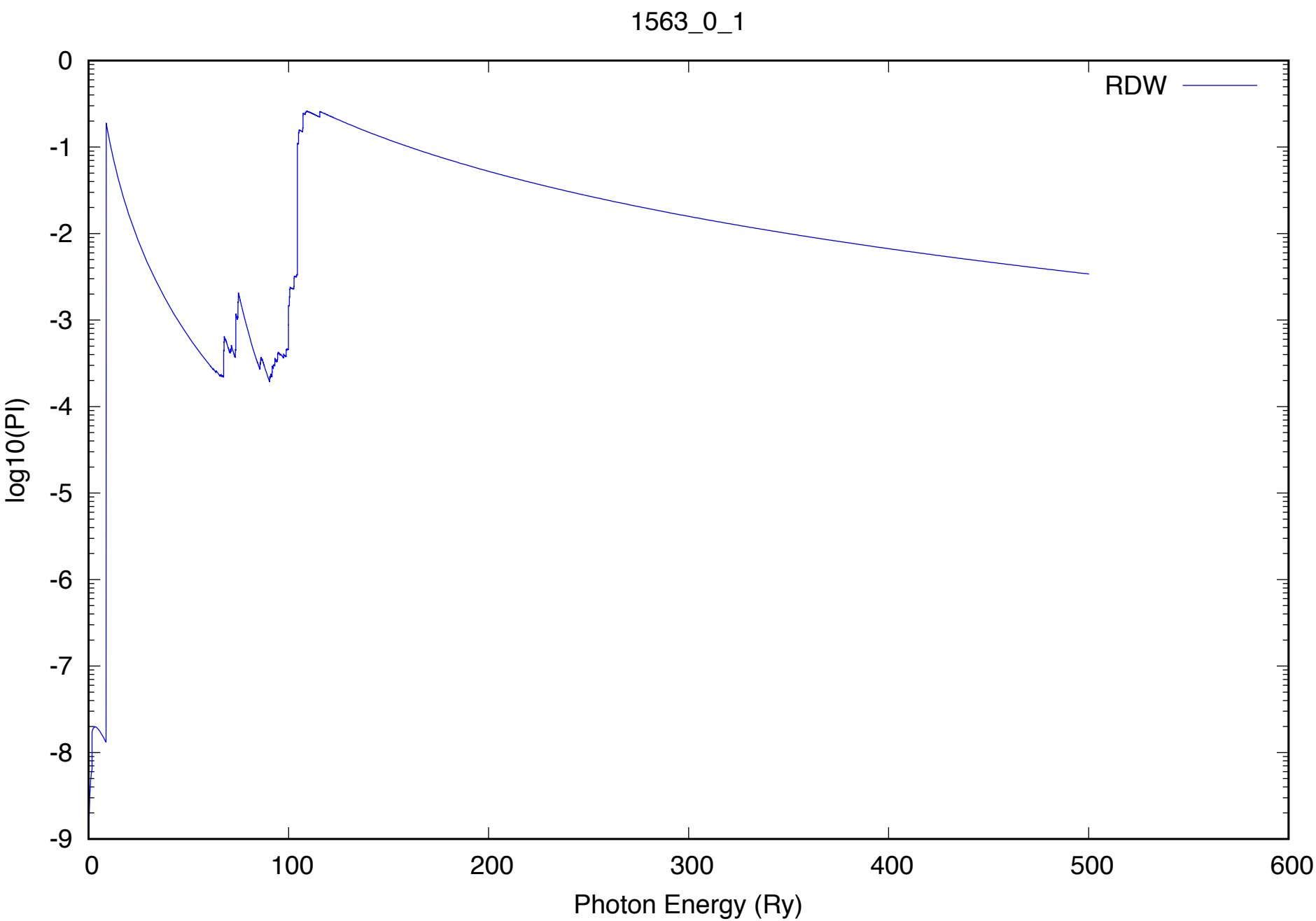

1558_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

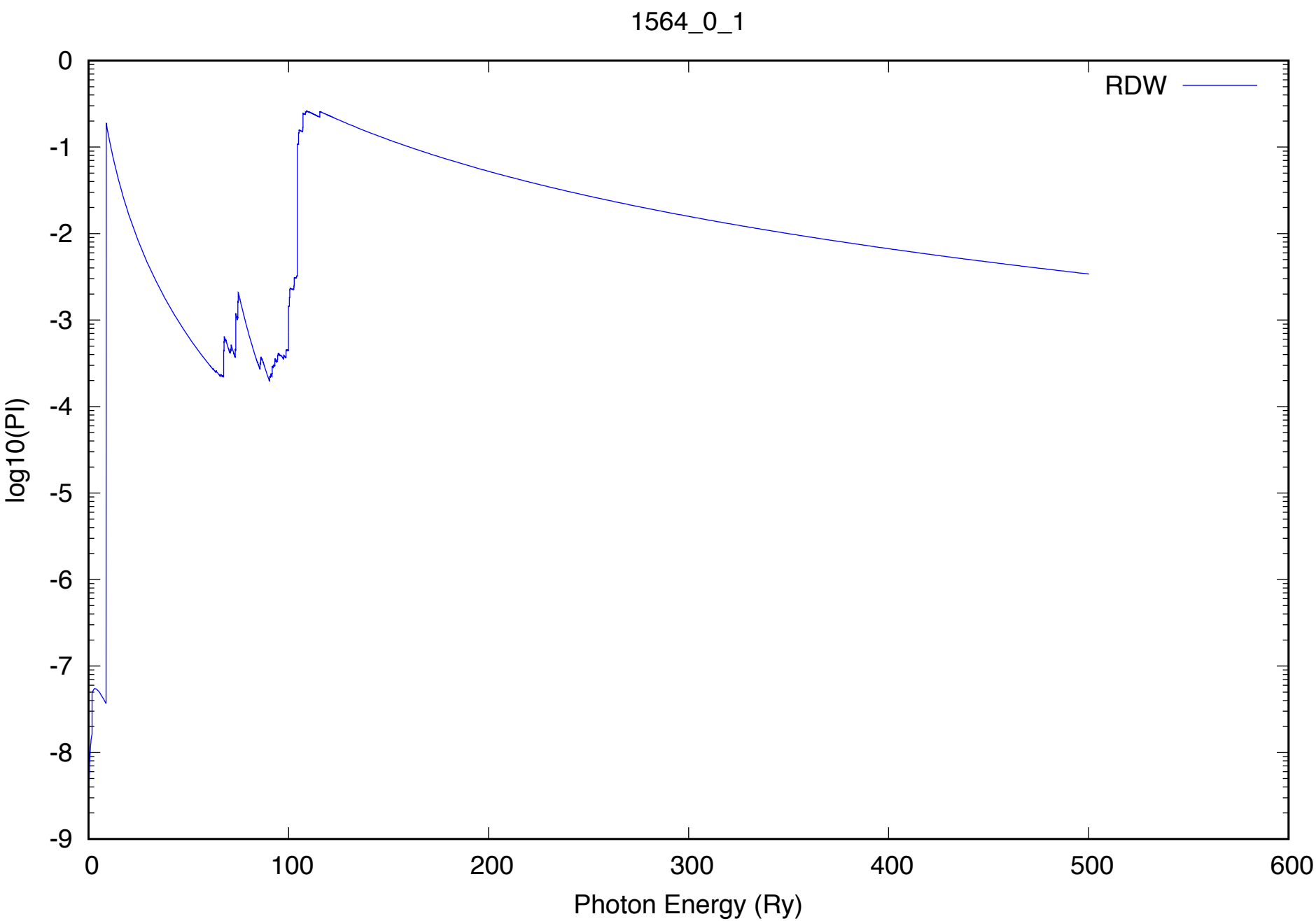

1559_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

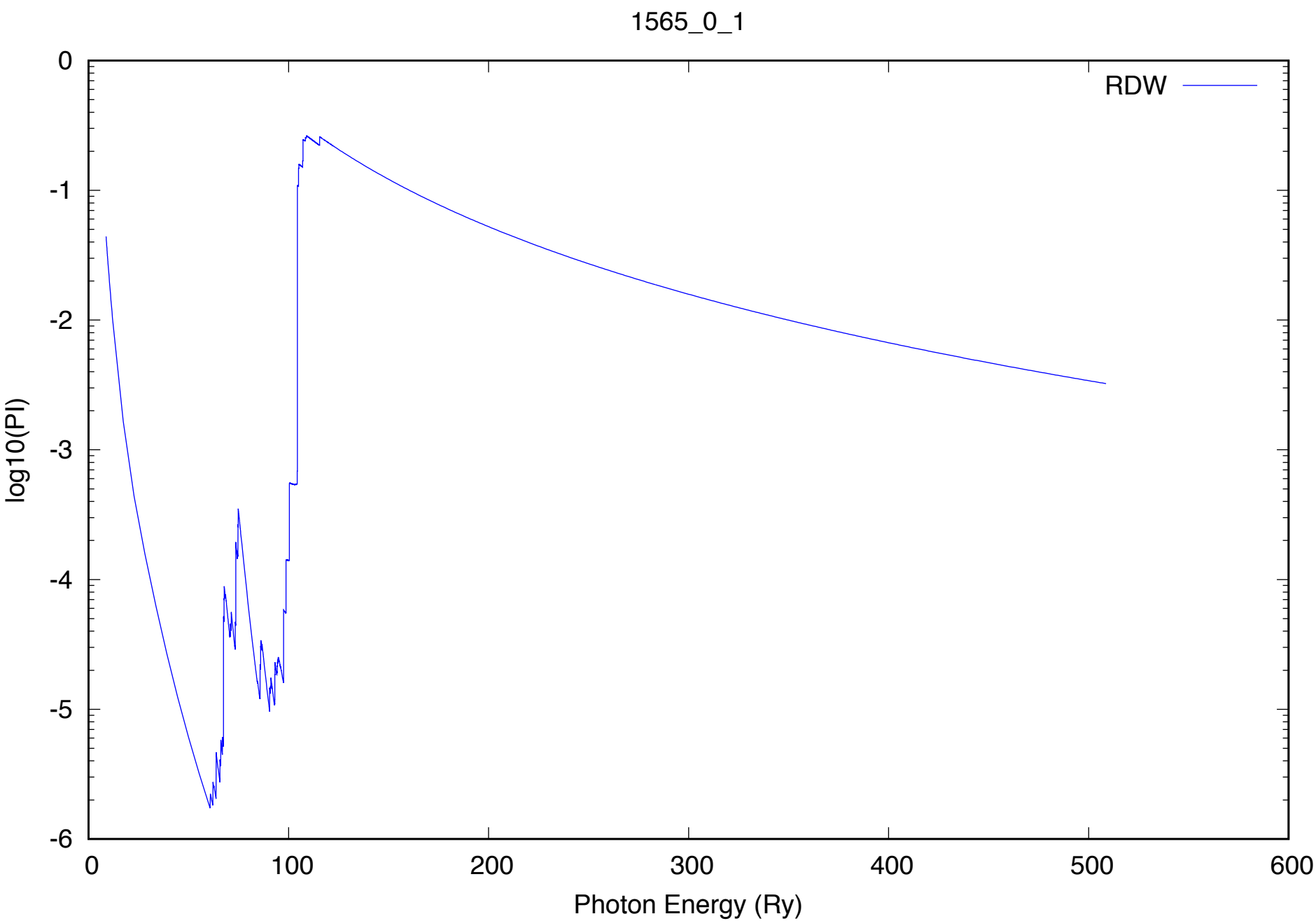

1560_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

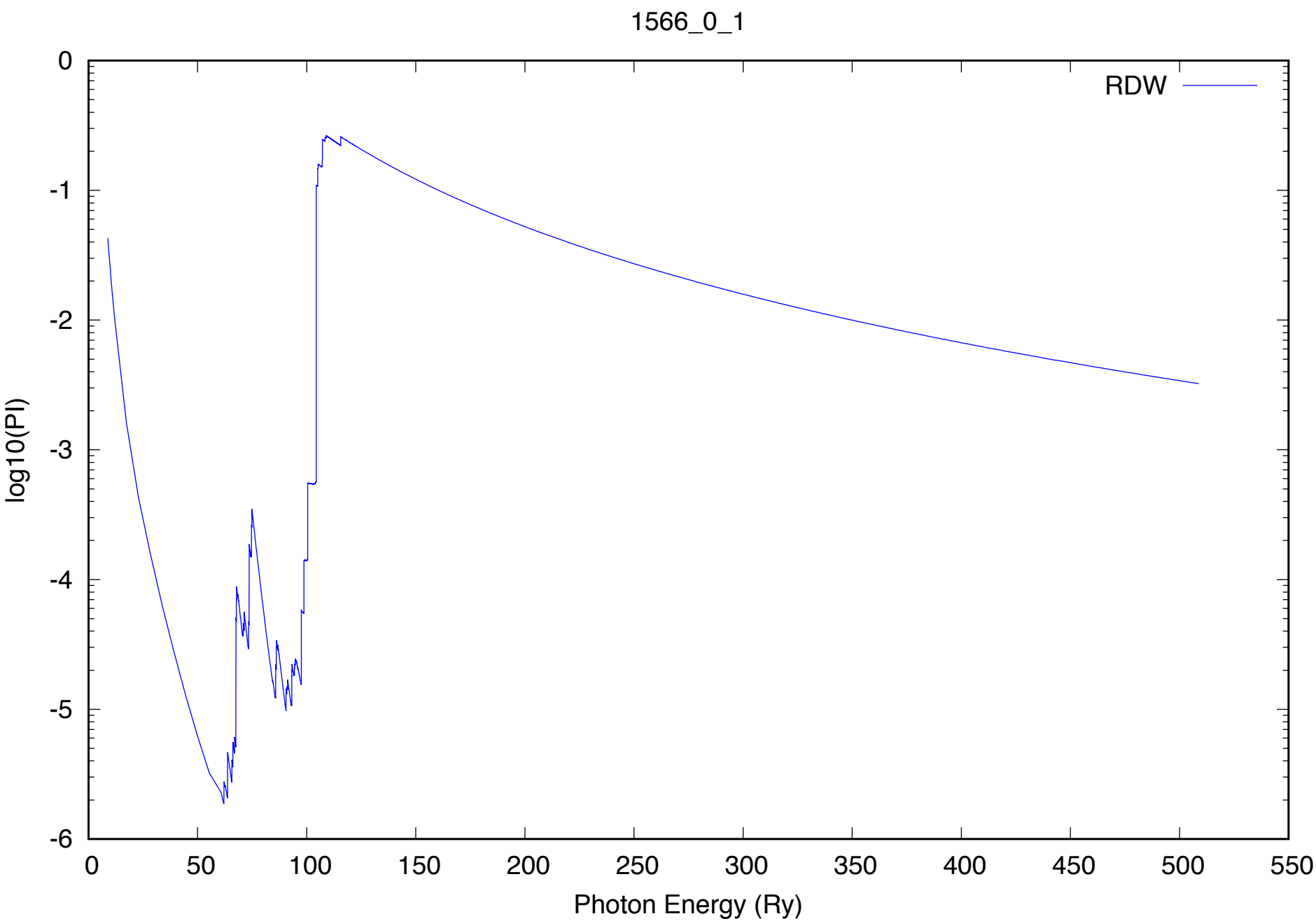

1561_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

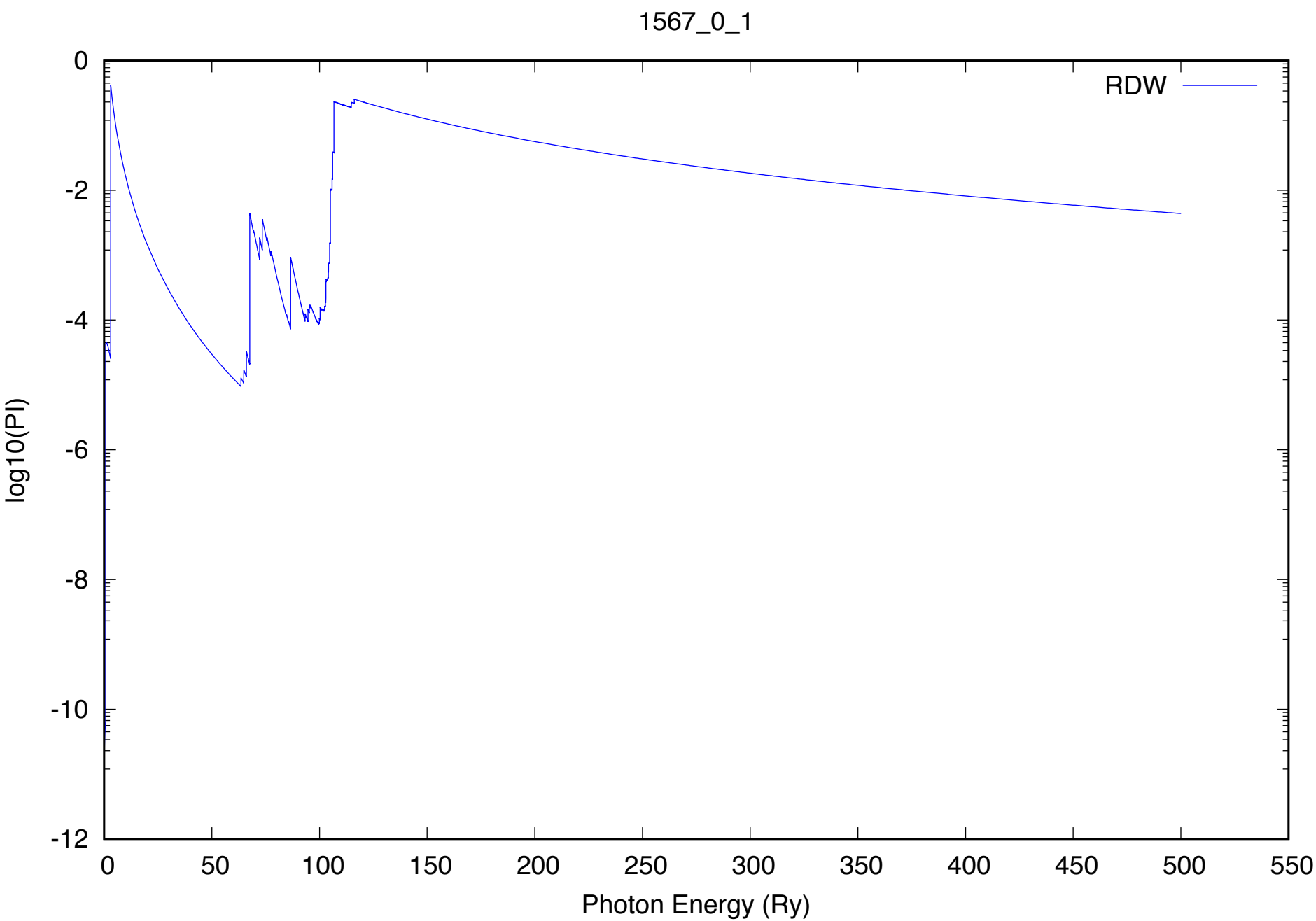

1562_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550

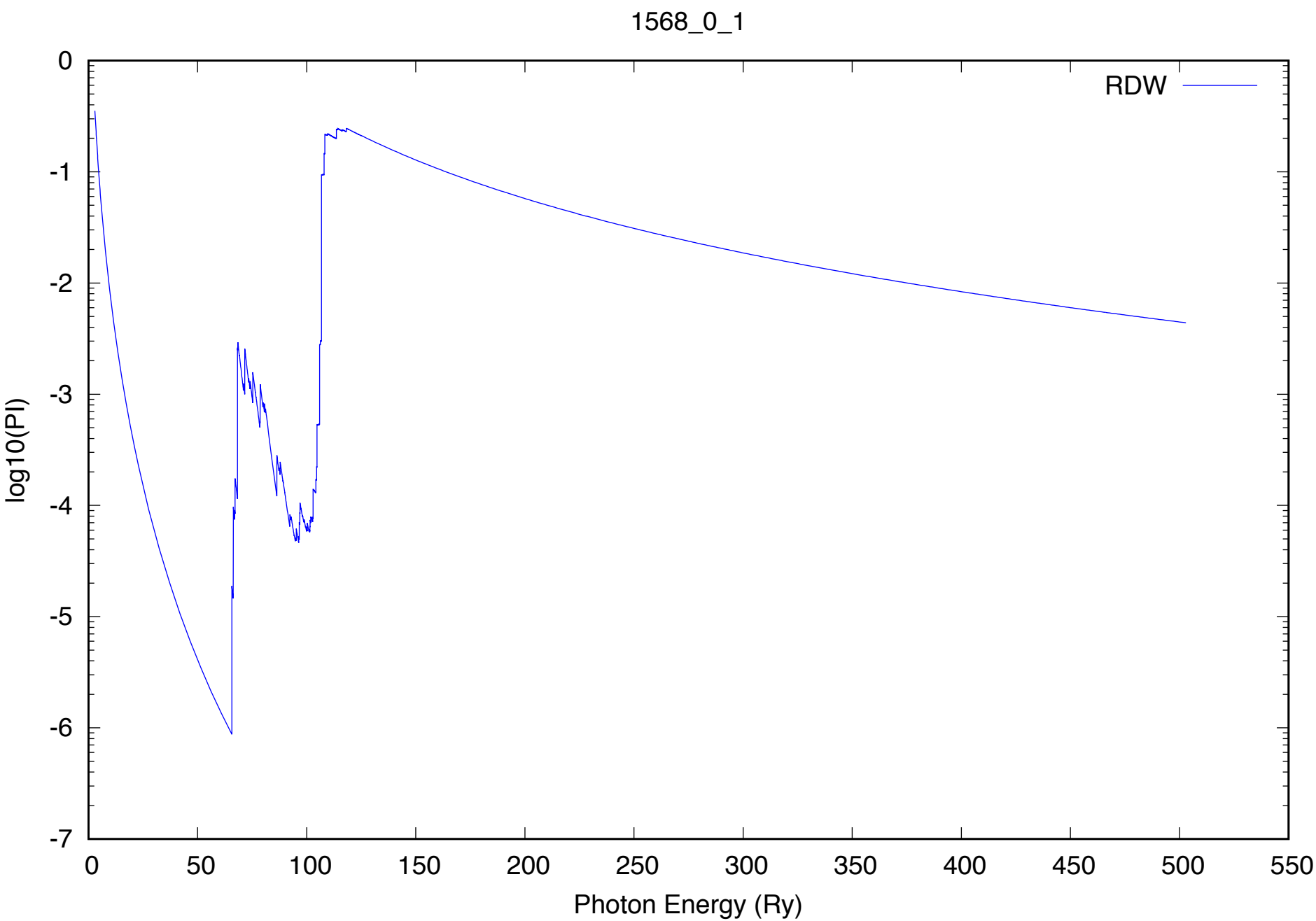

1563_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
100
200
300
400
500
600

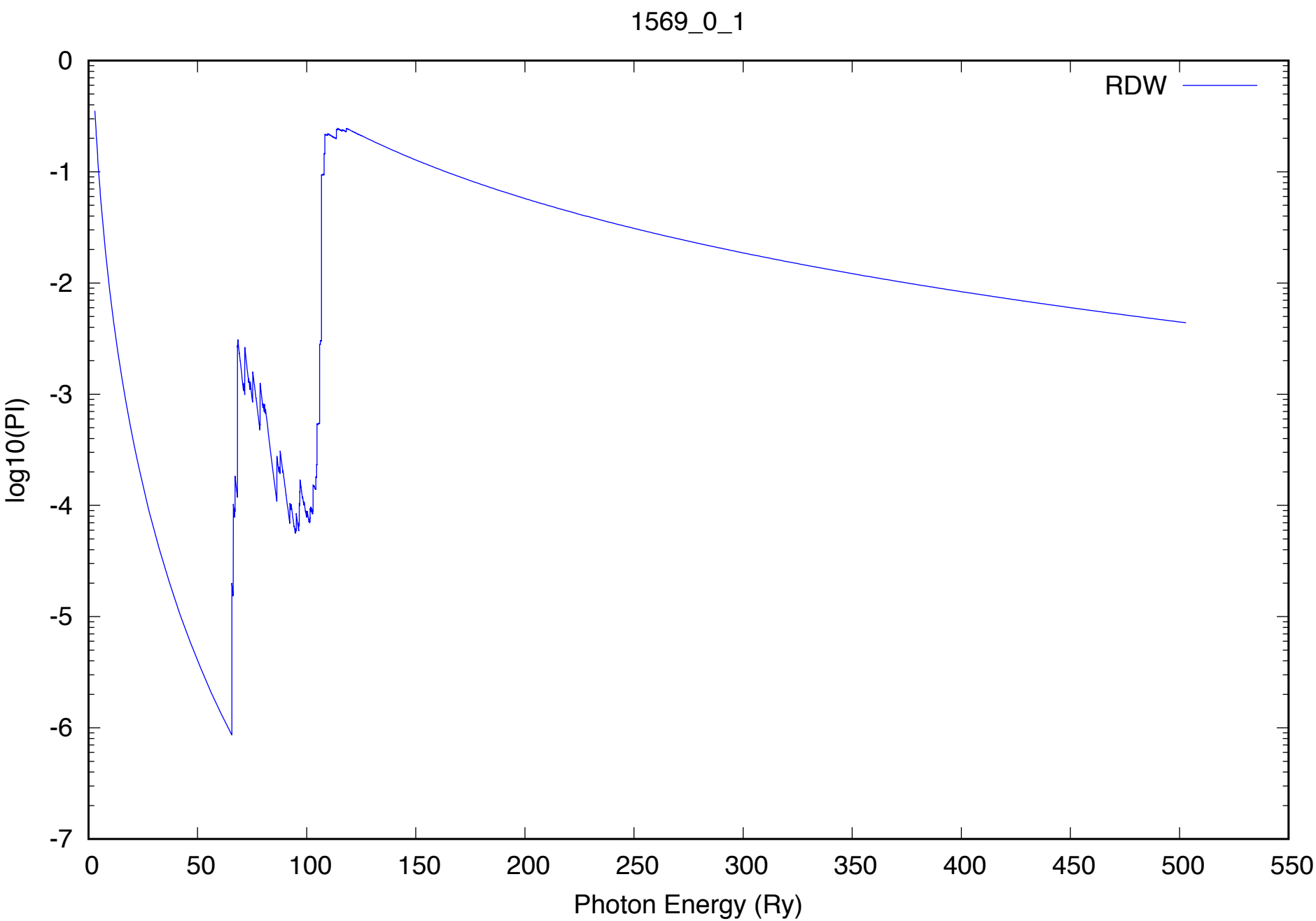

1564_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
100
200
300
400
500
600

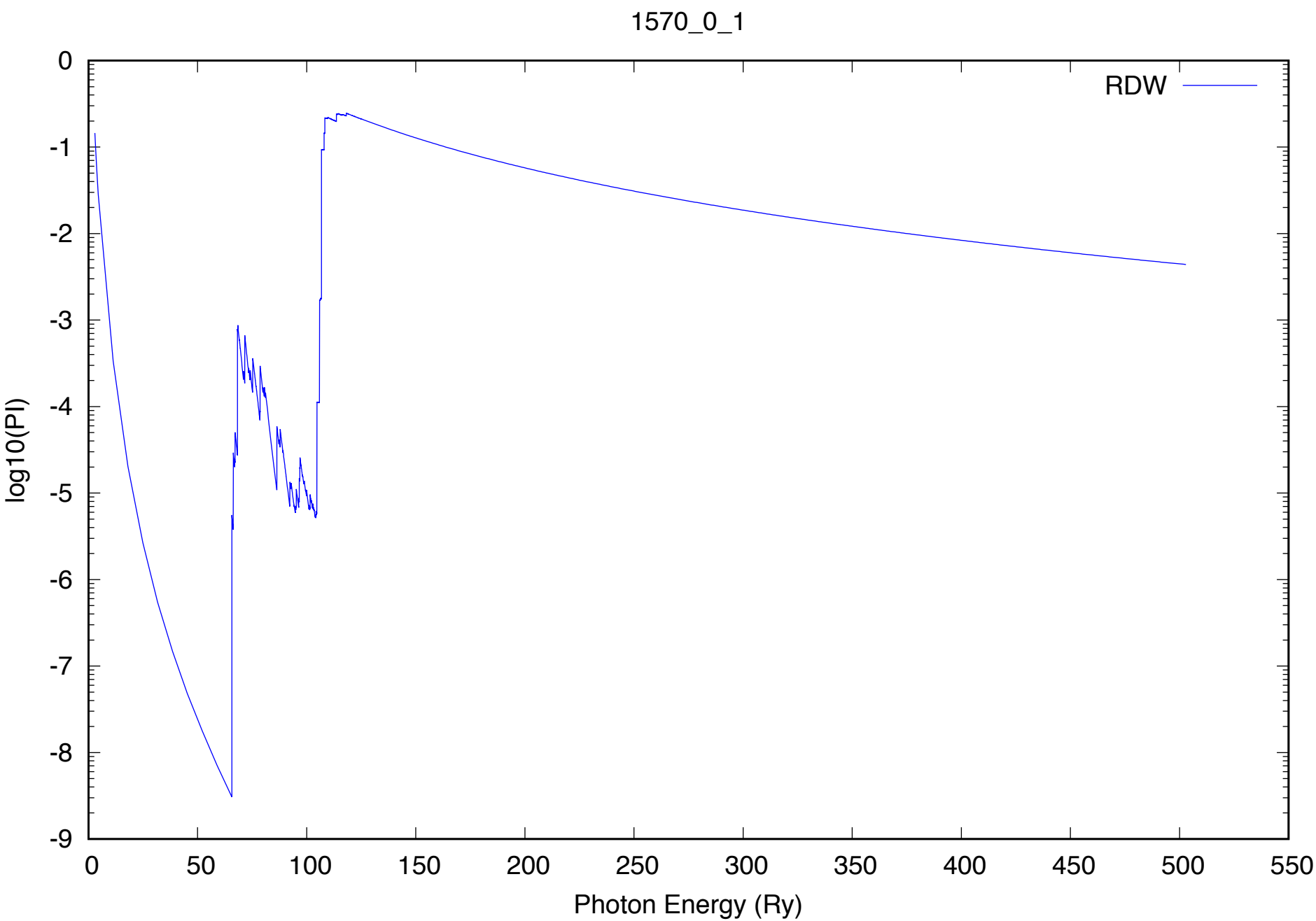

1565_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
100
200
300
400
500
600

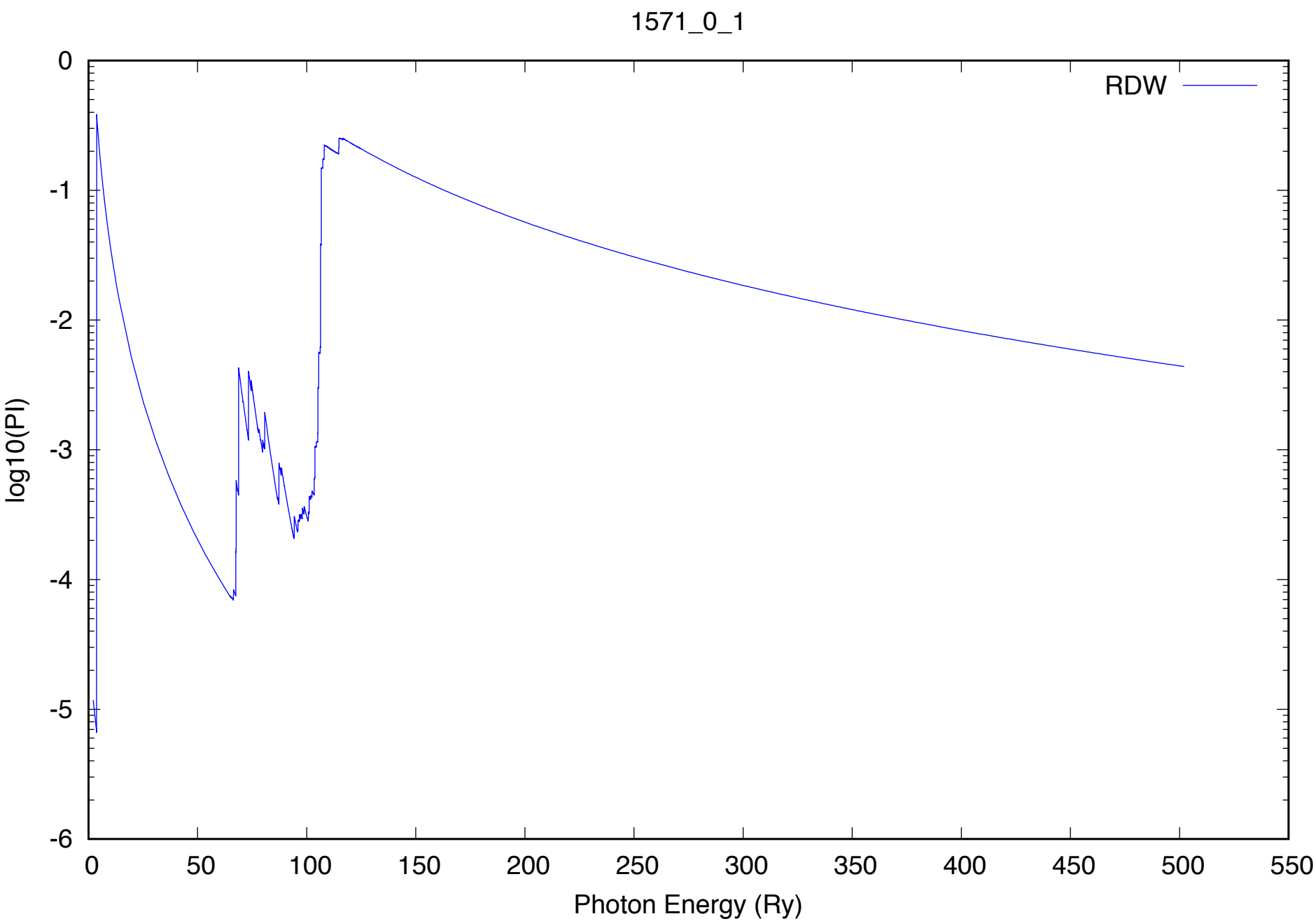

1566_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

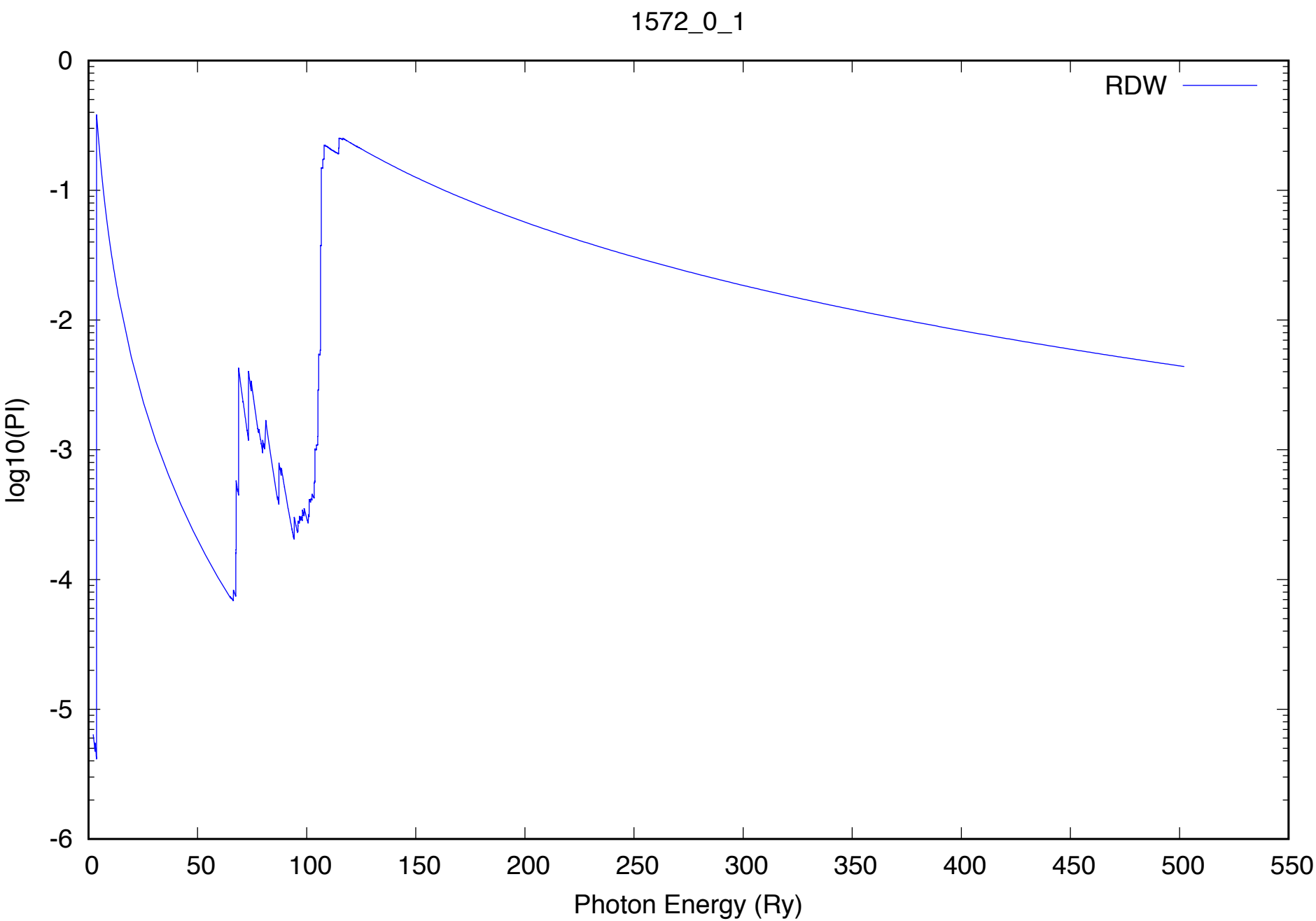

1567_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550

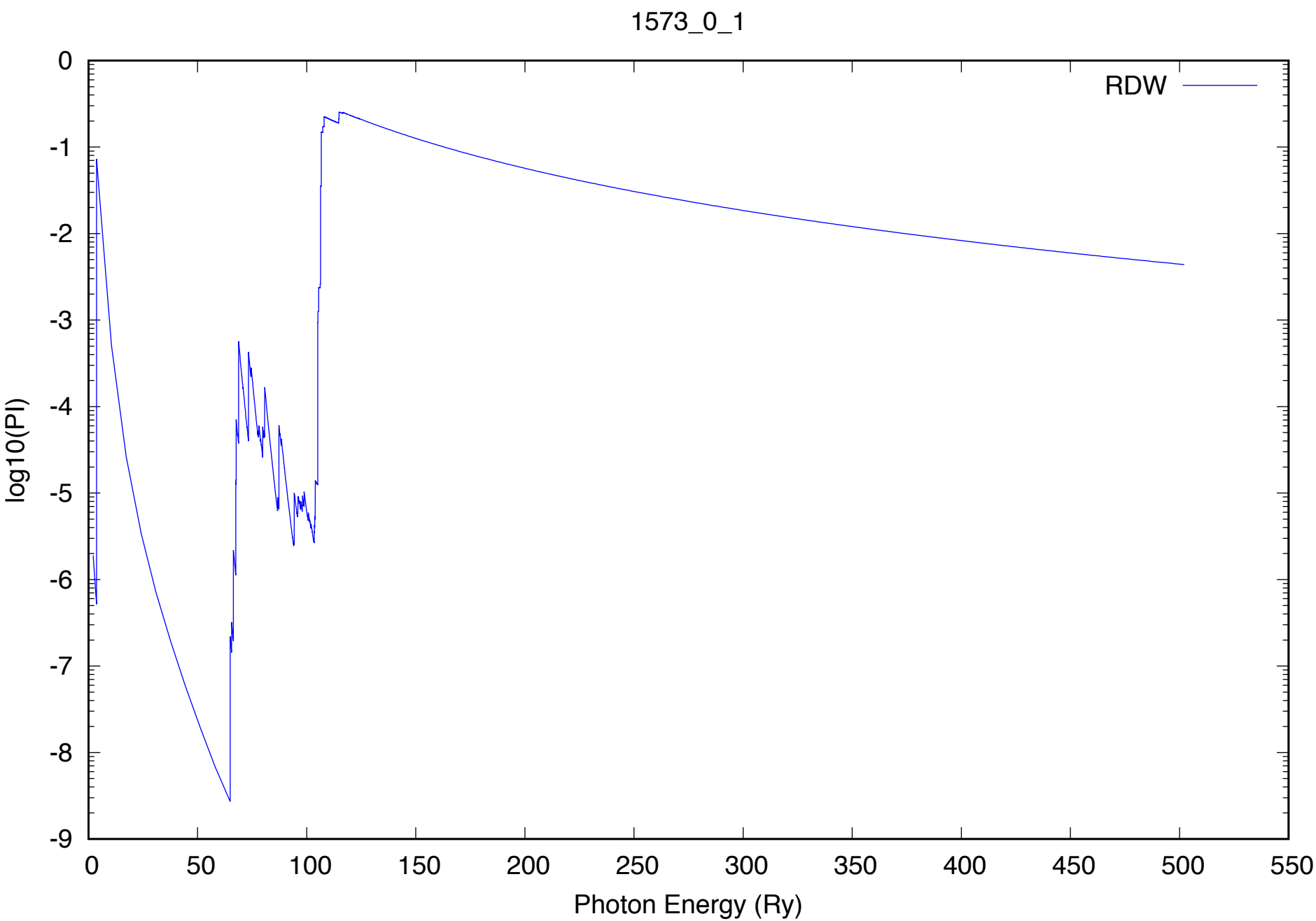

1568_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

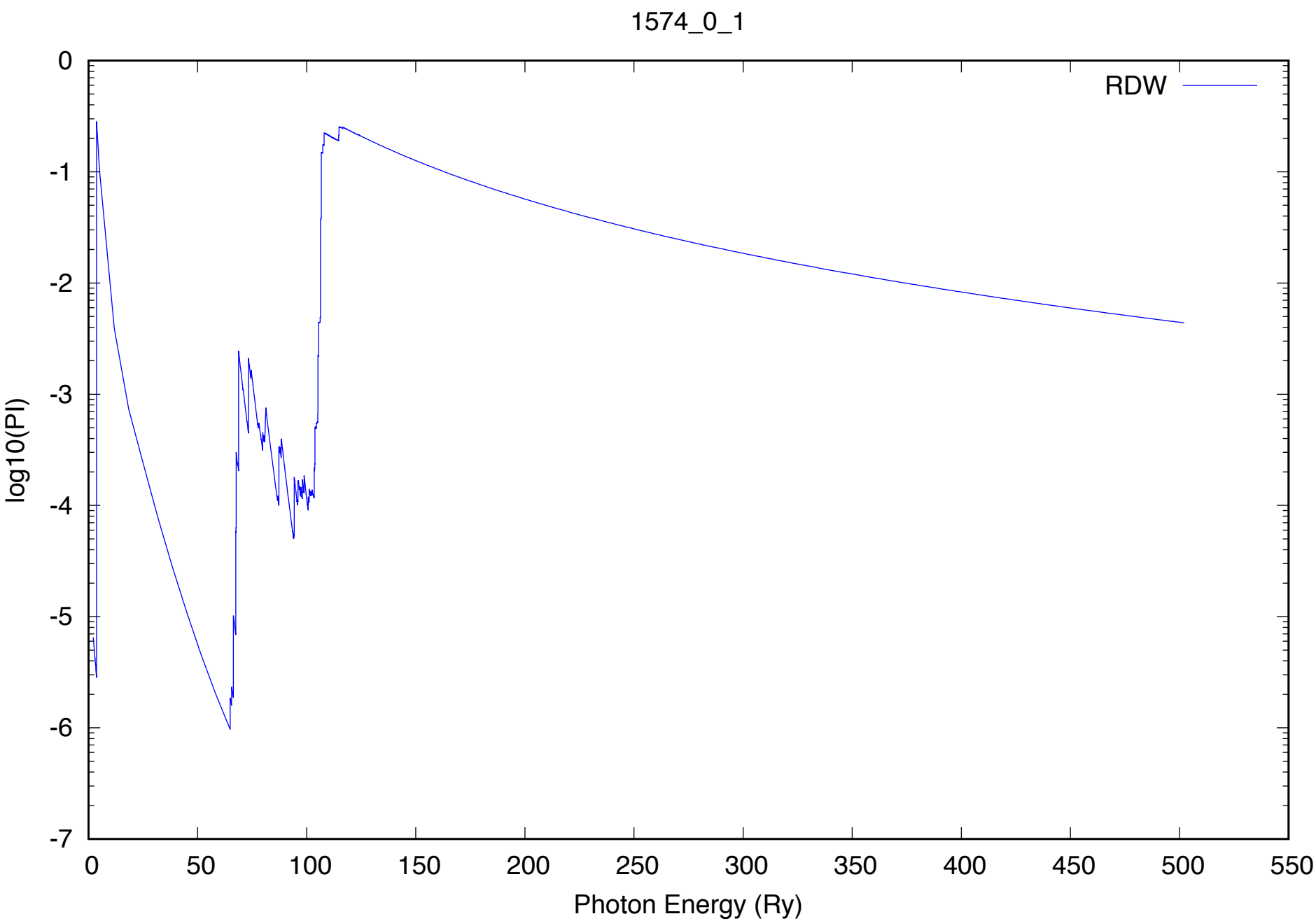

1569_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

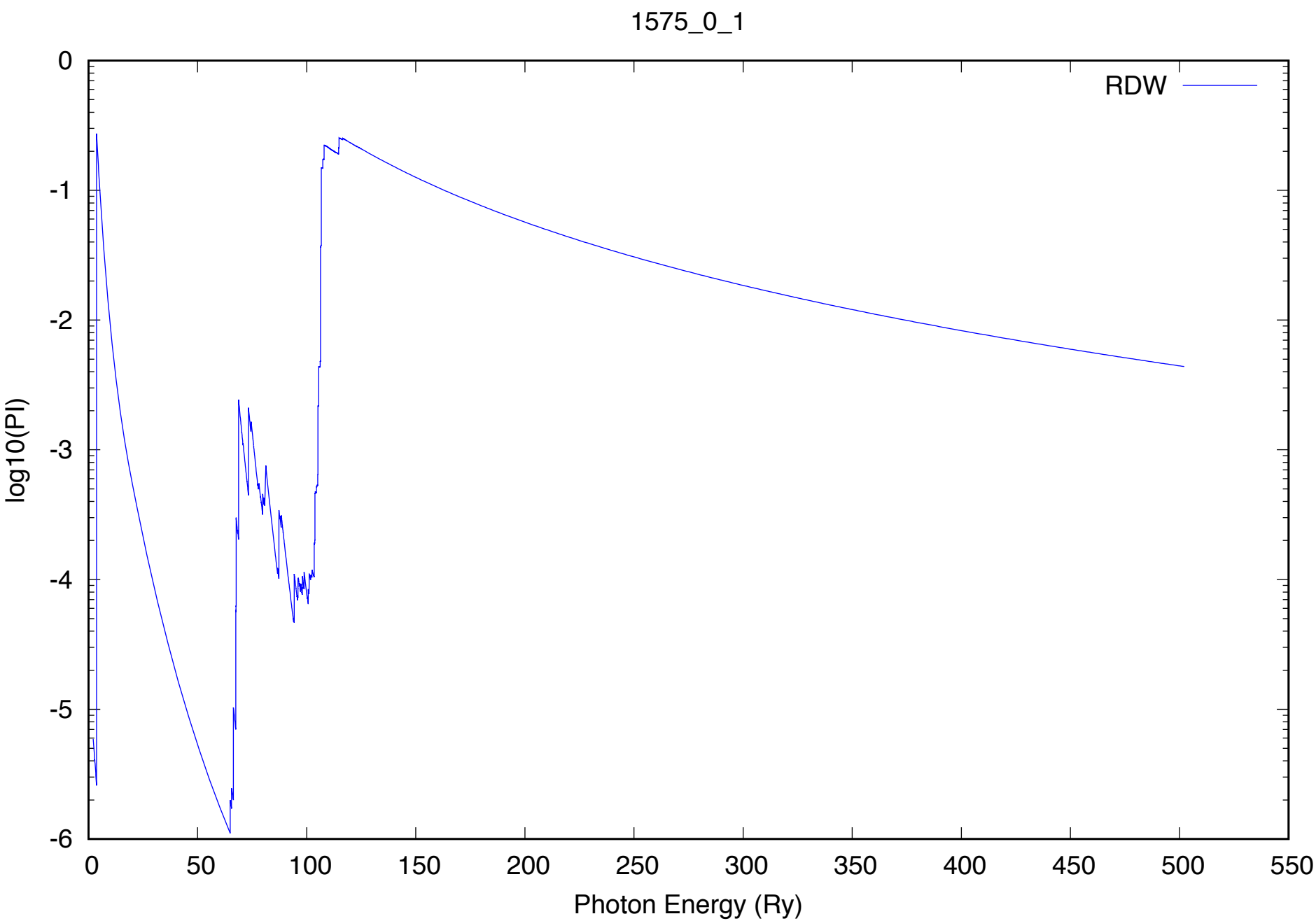

1570_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

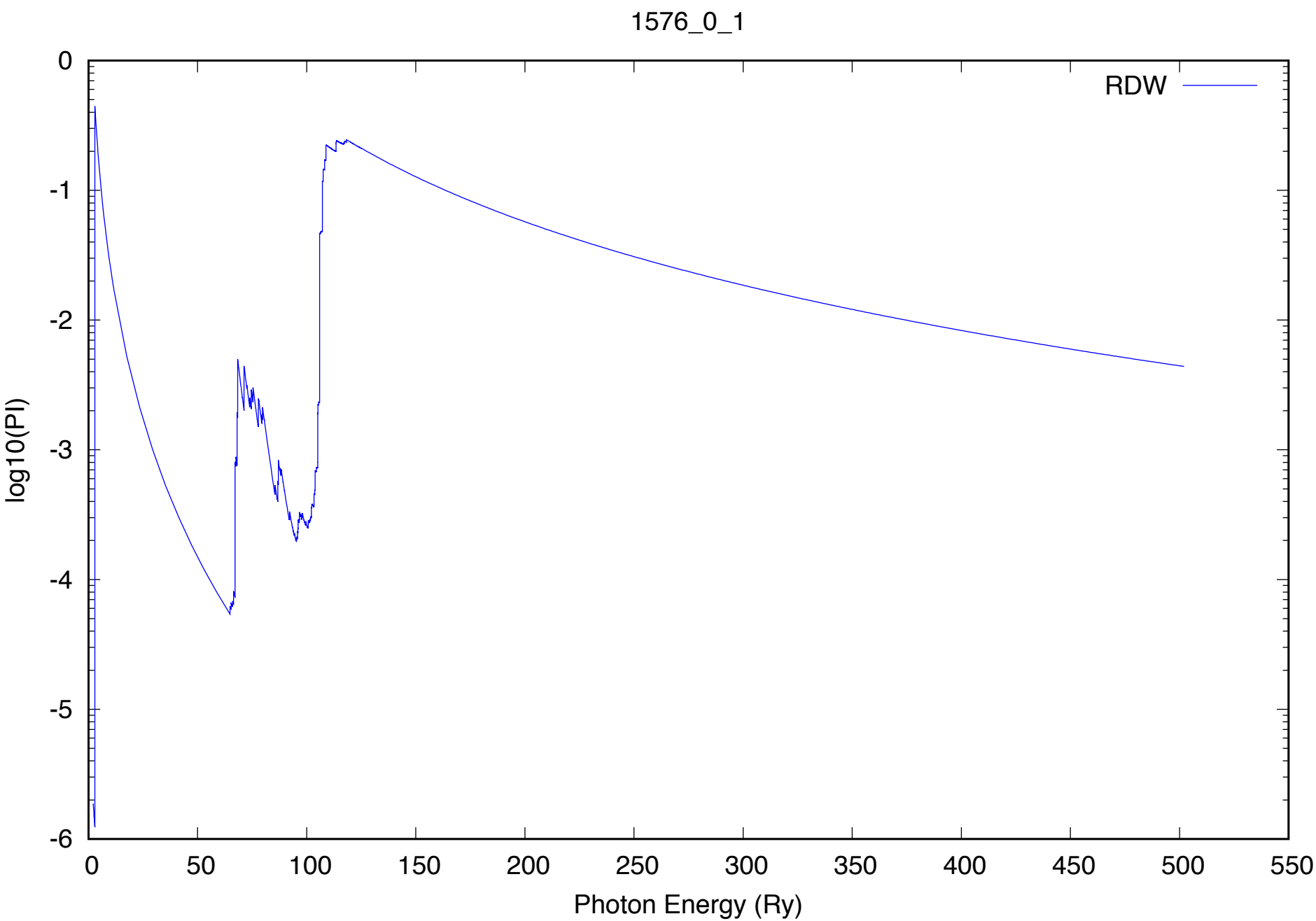

1571_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

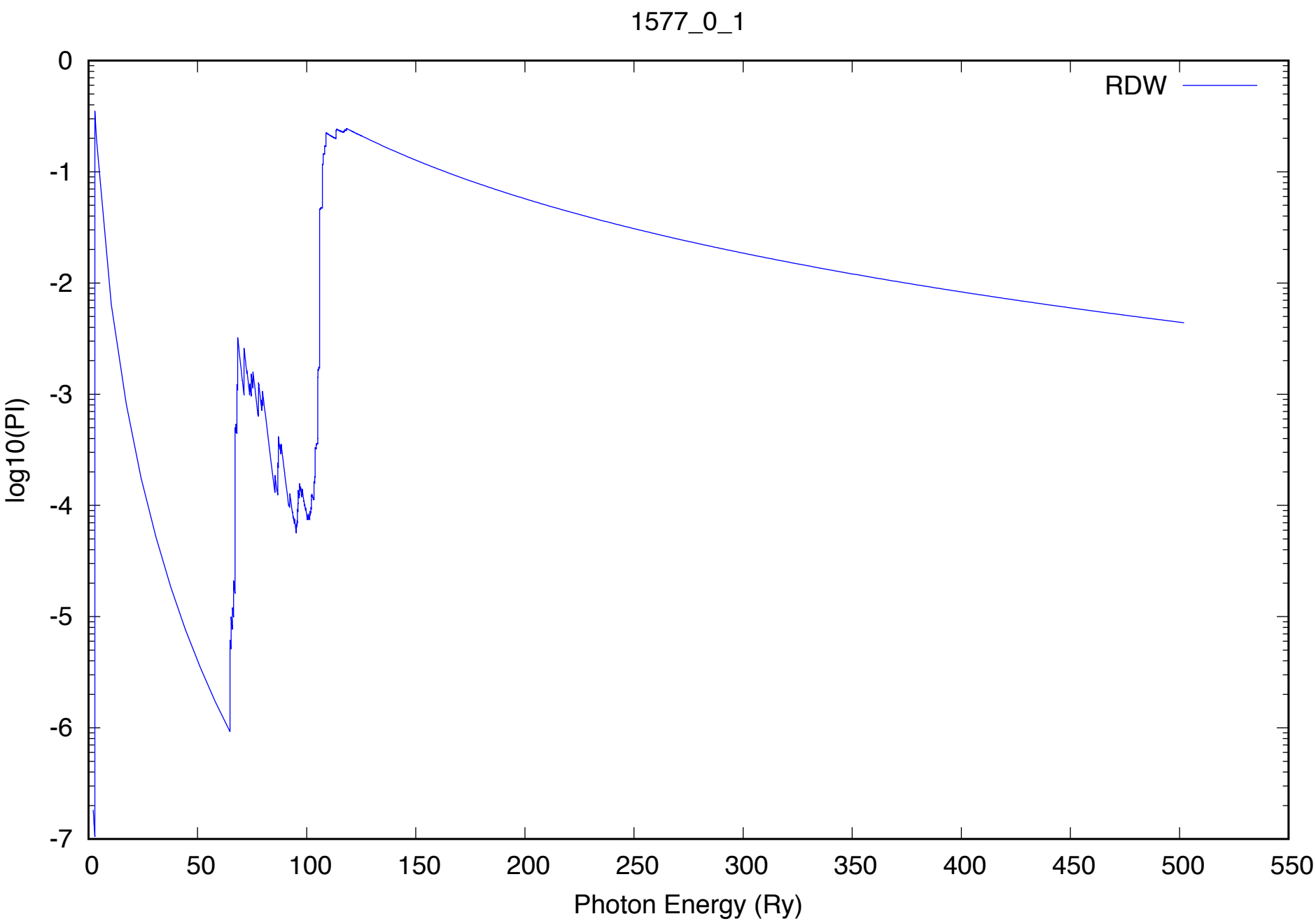

1572_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

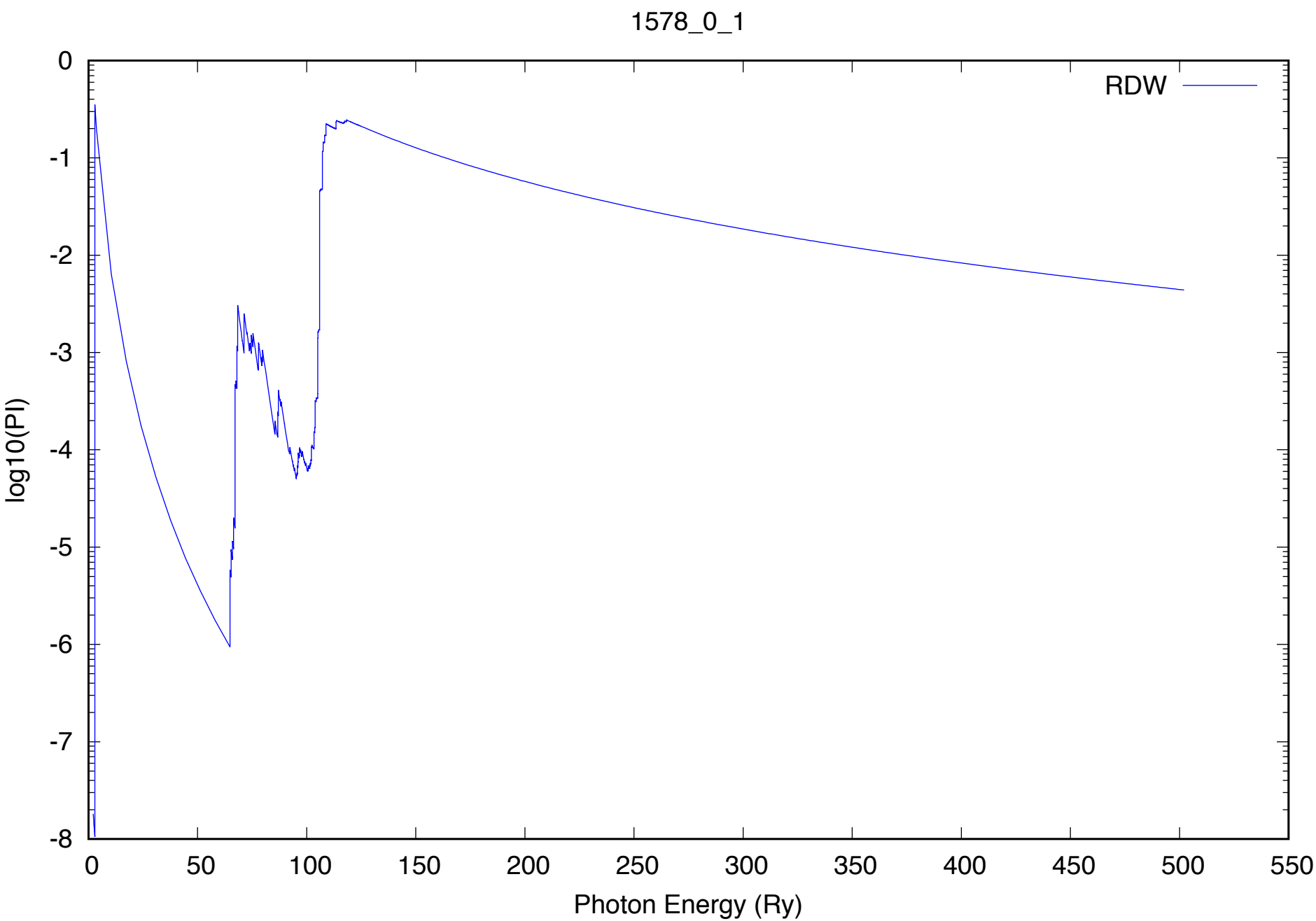

1573_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

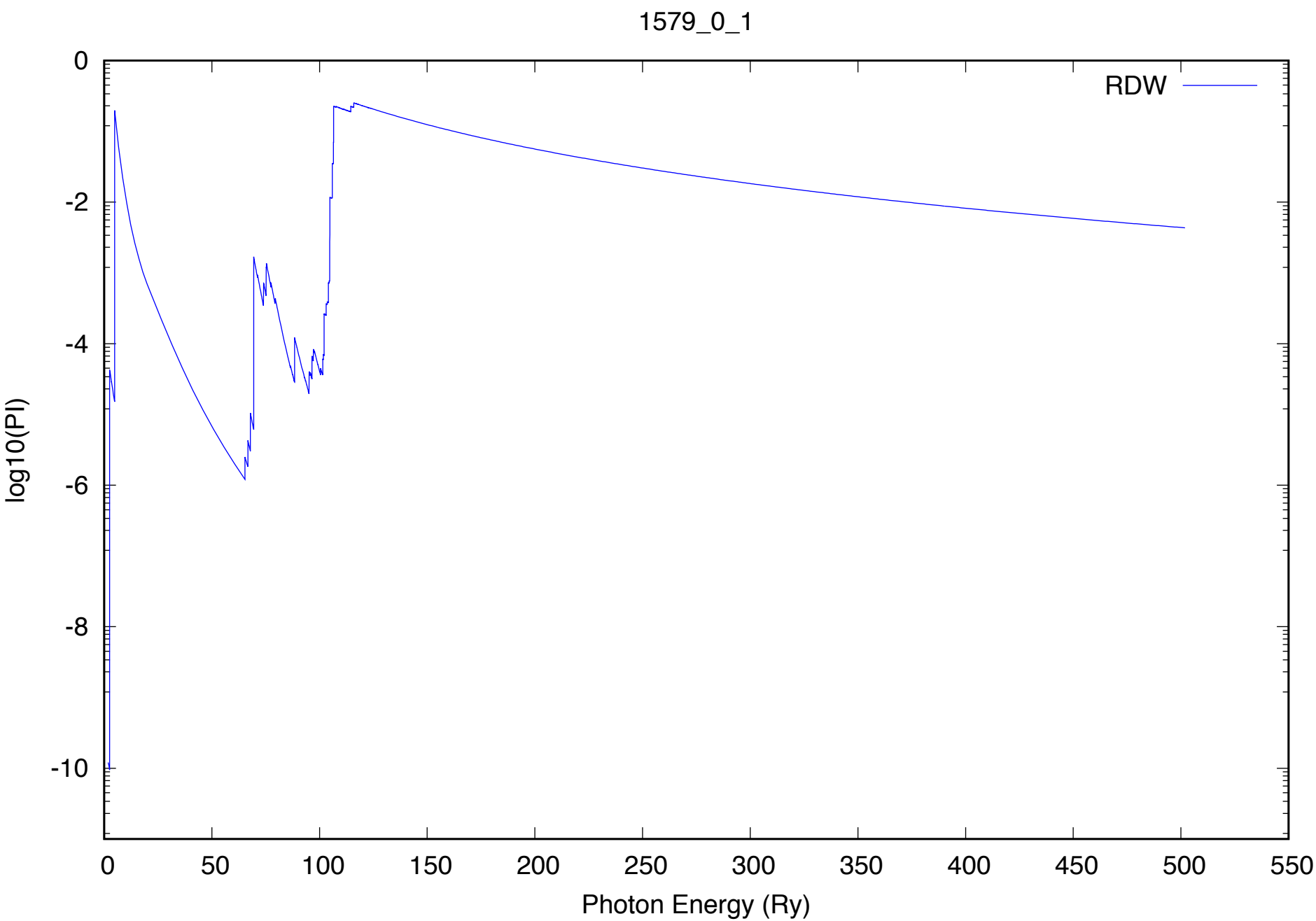

1574_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

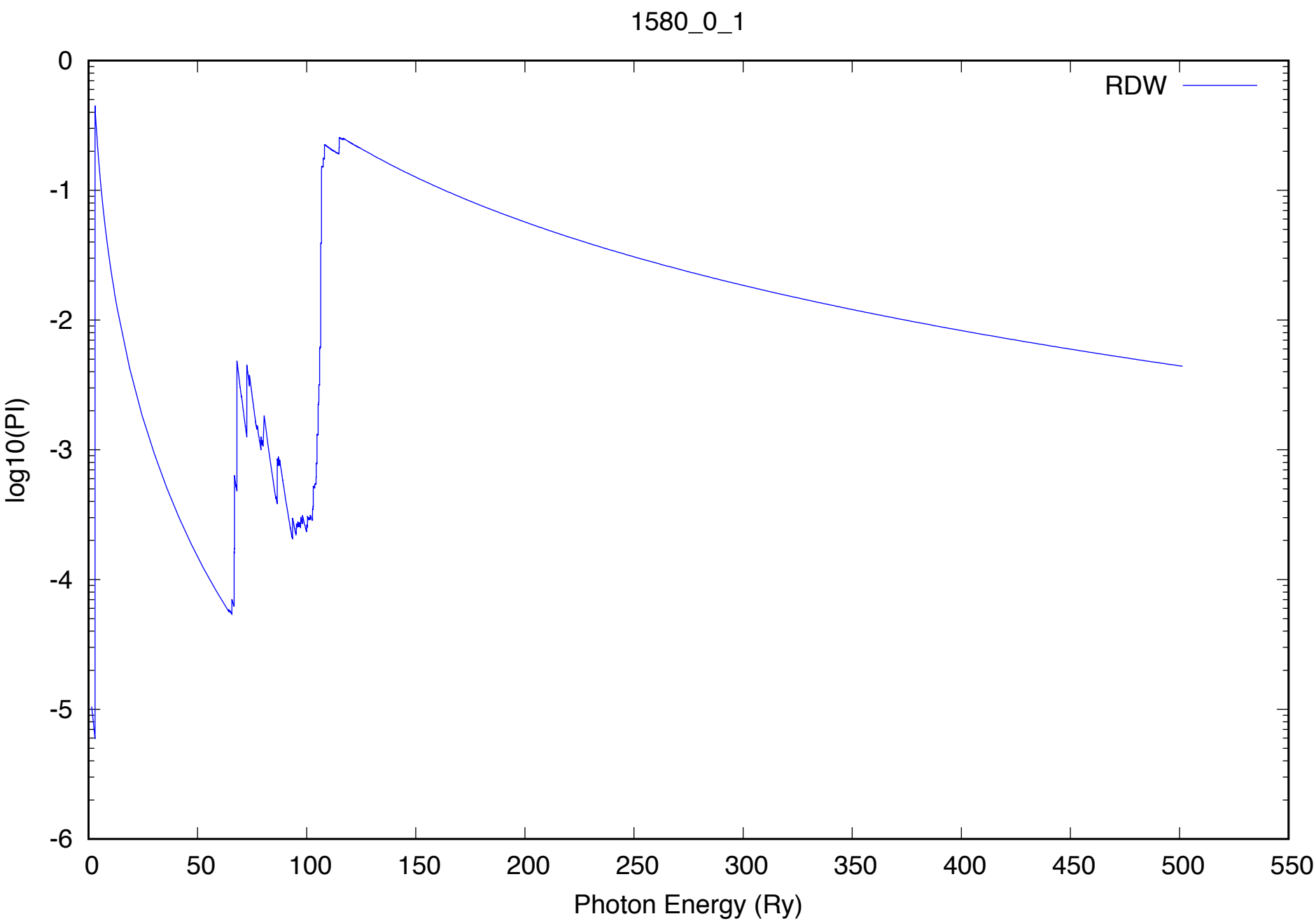

1575_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

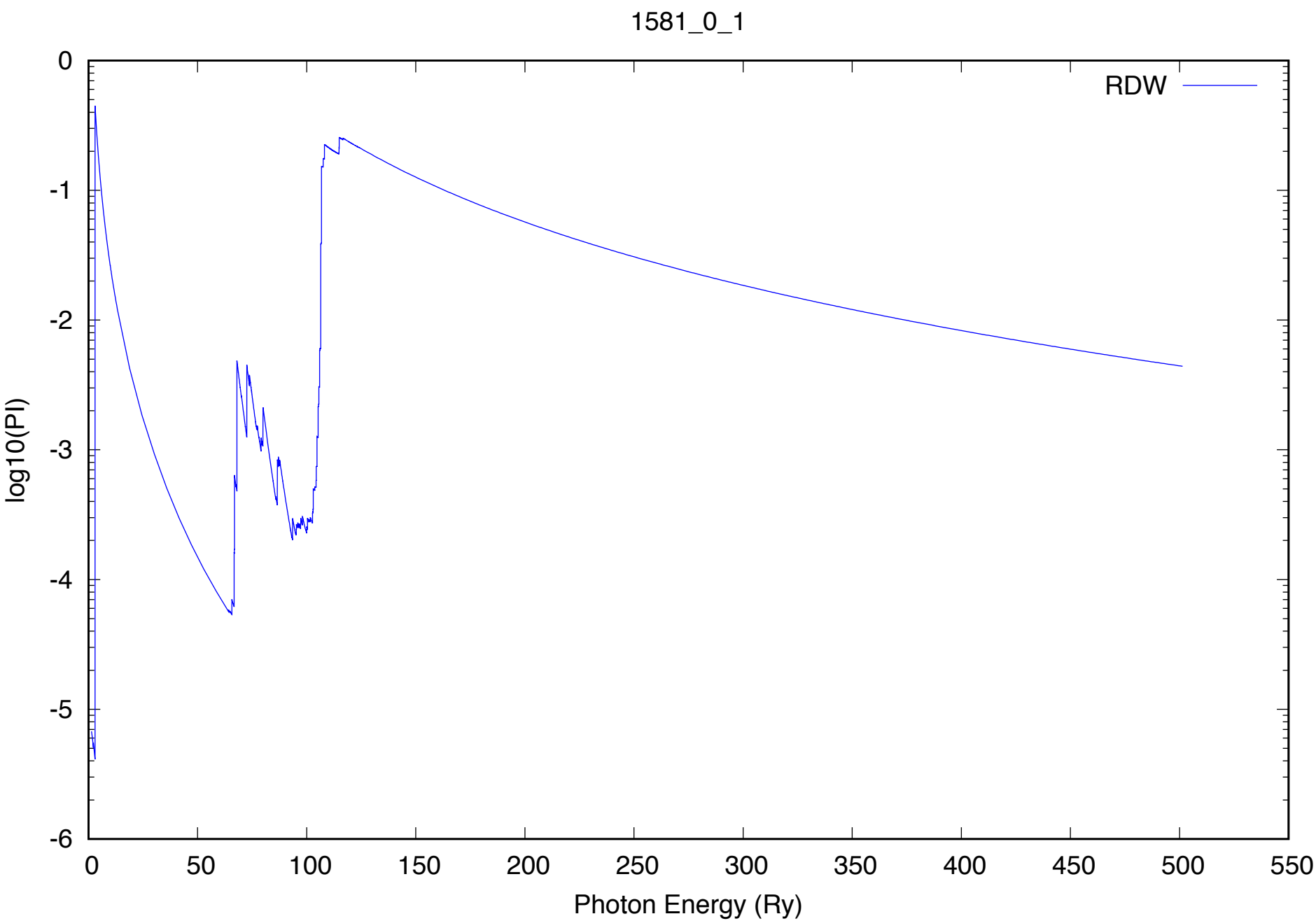

1576_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

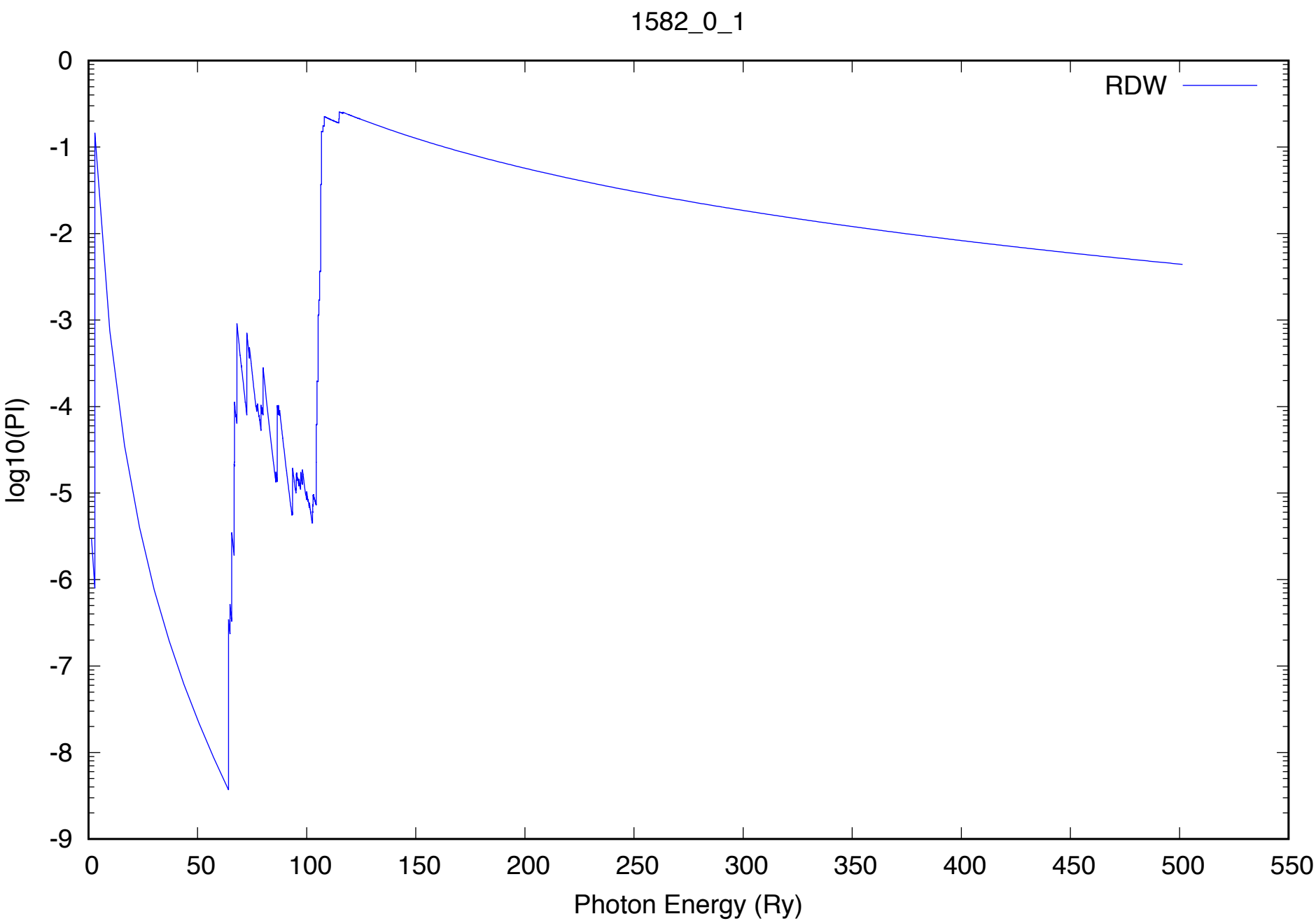

1577_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

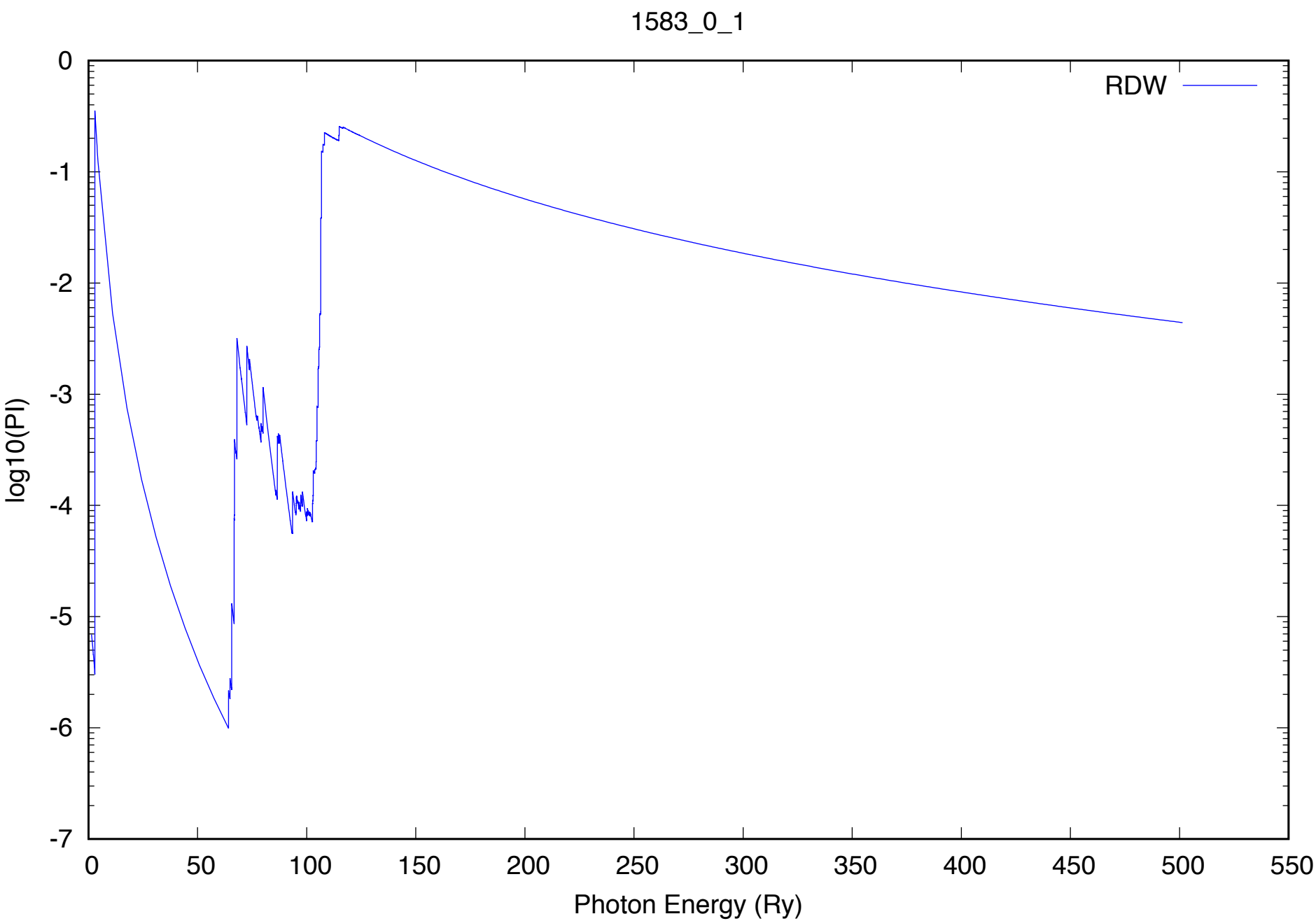

1578_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
0
50
100
150
200
250
300
350
400
450
500
550

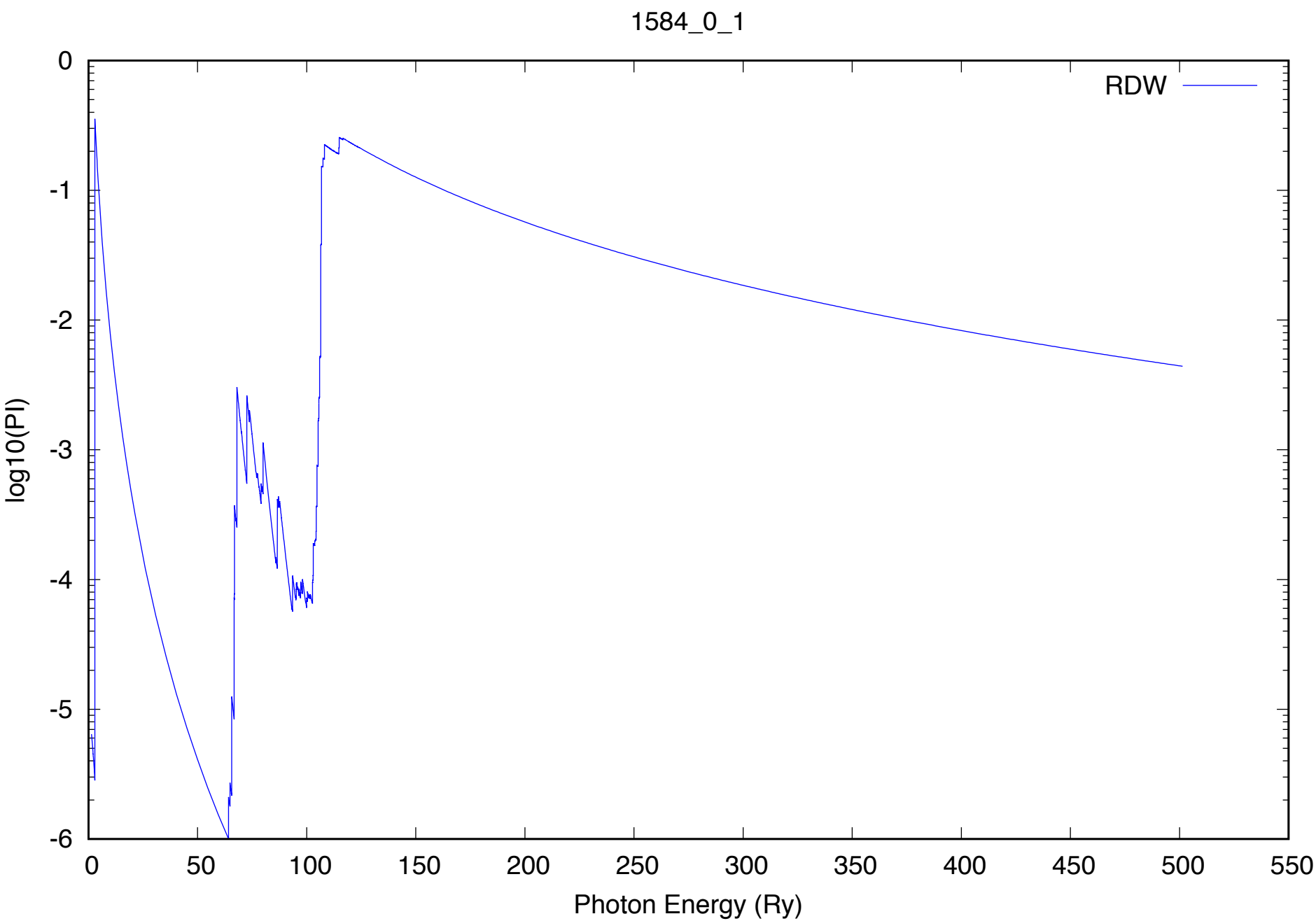

1579_0_1
RDW
0
-2
-4
-6
-8
-10
log10(PI)
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)

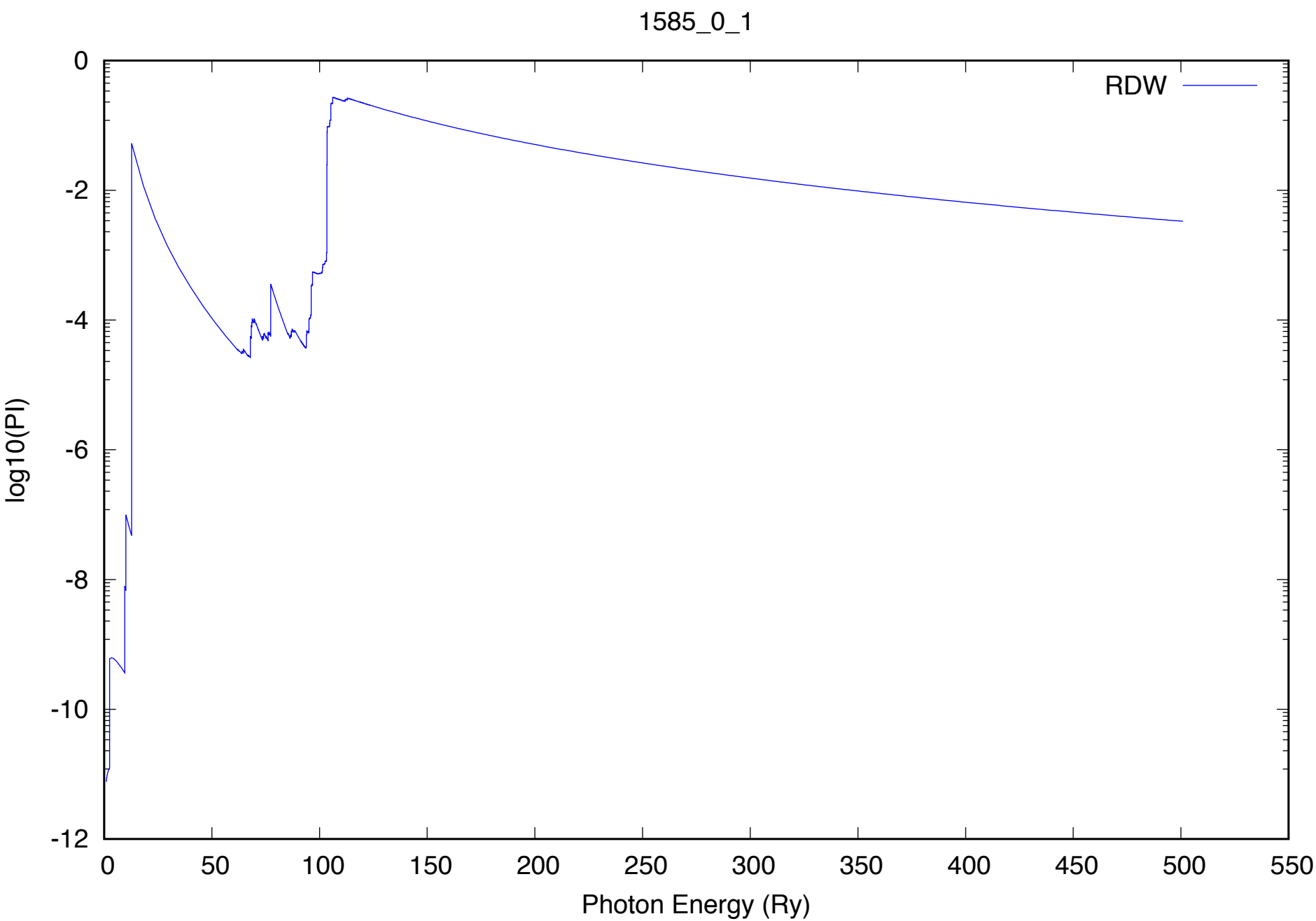

1580_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

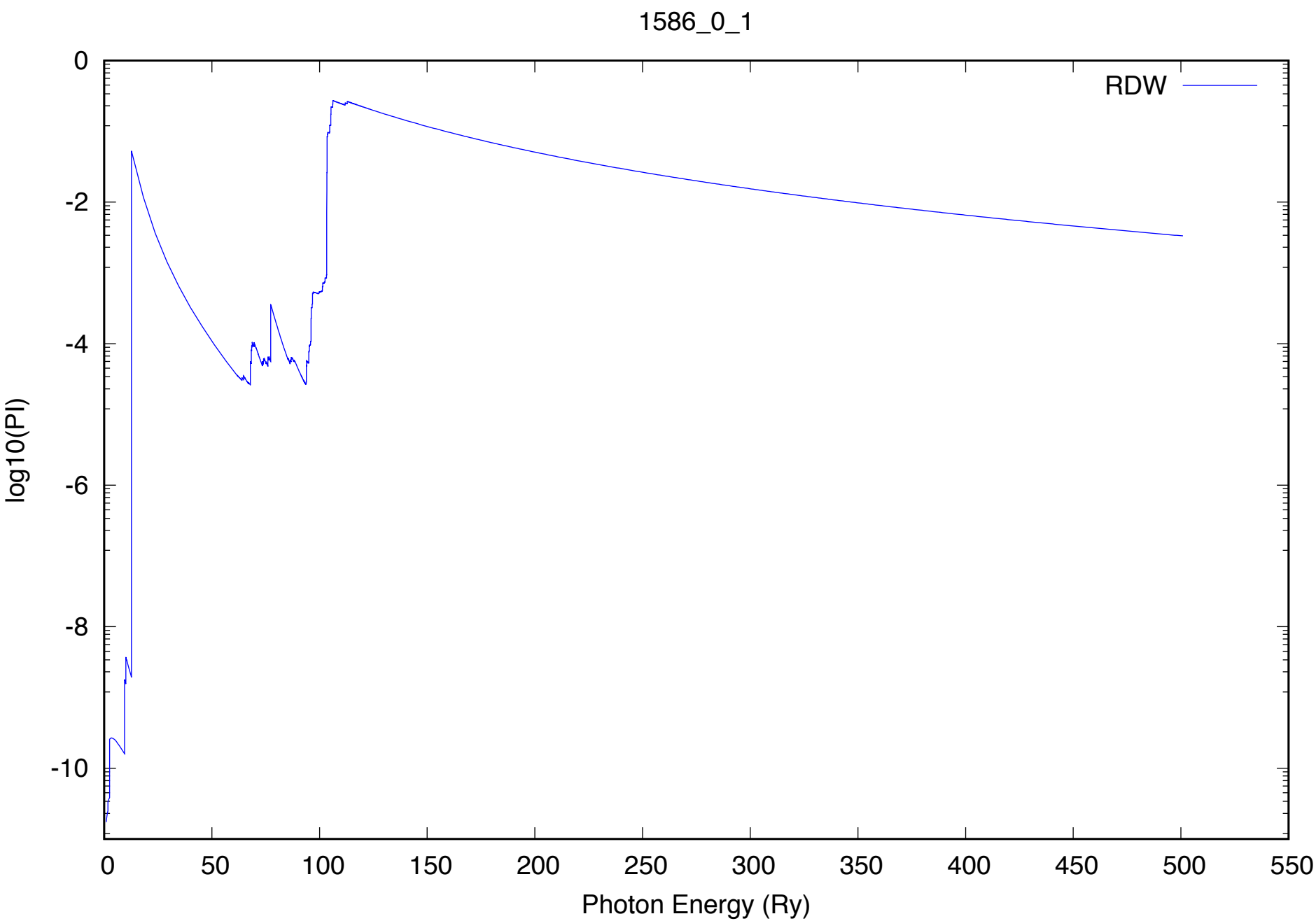

1581_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

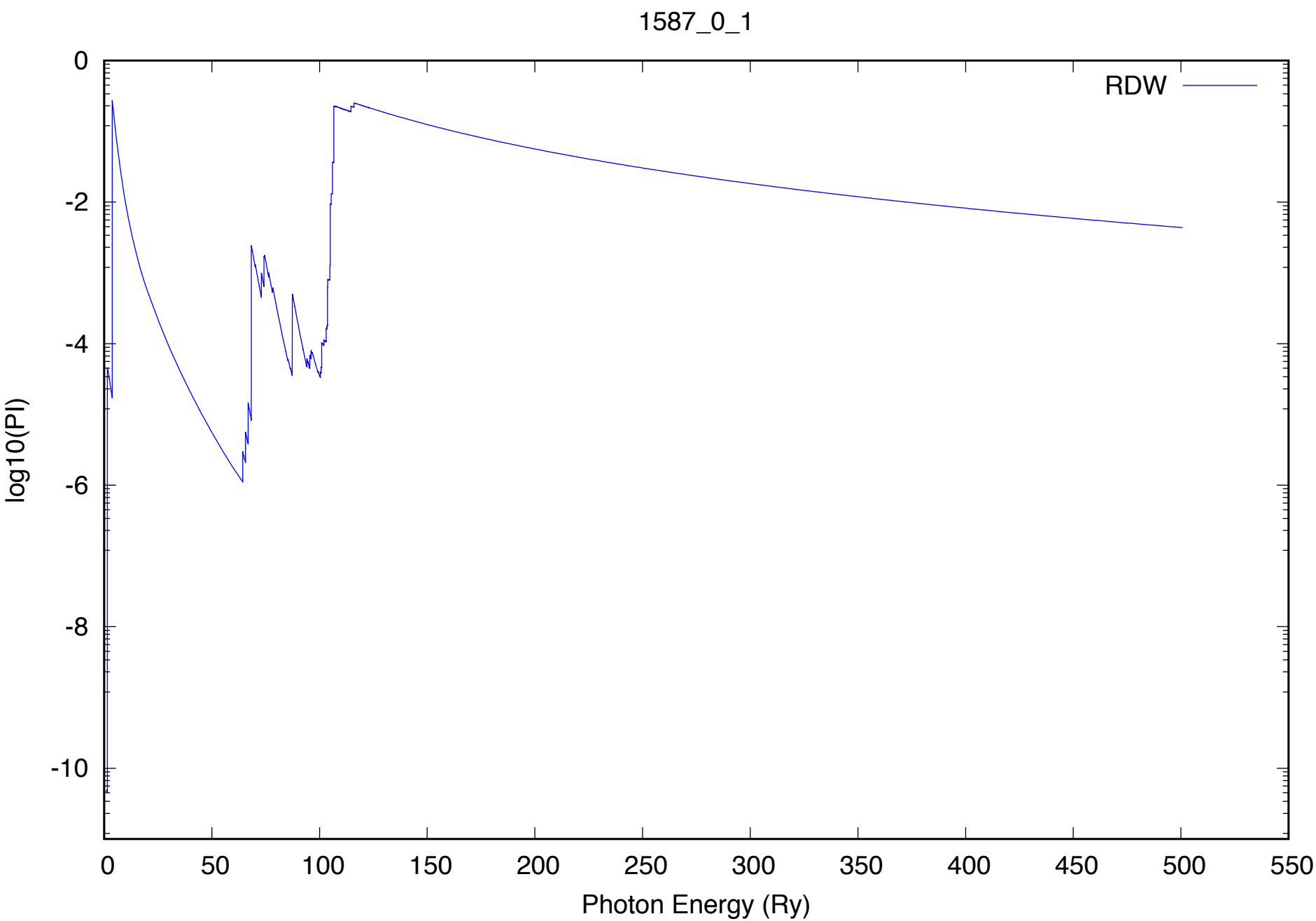

1582_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550

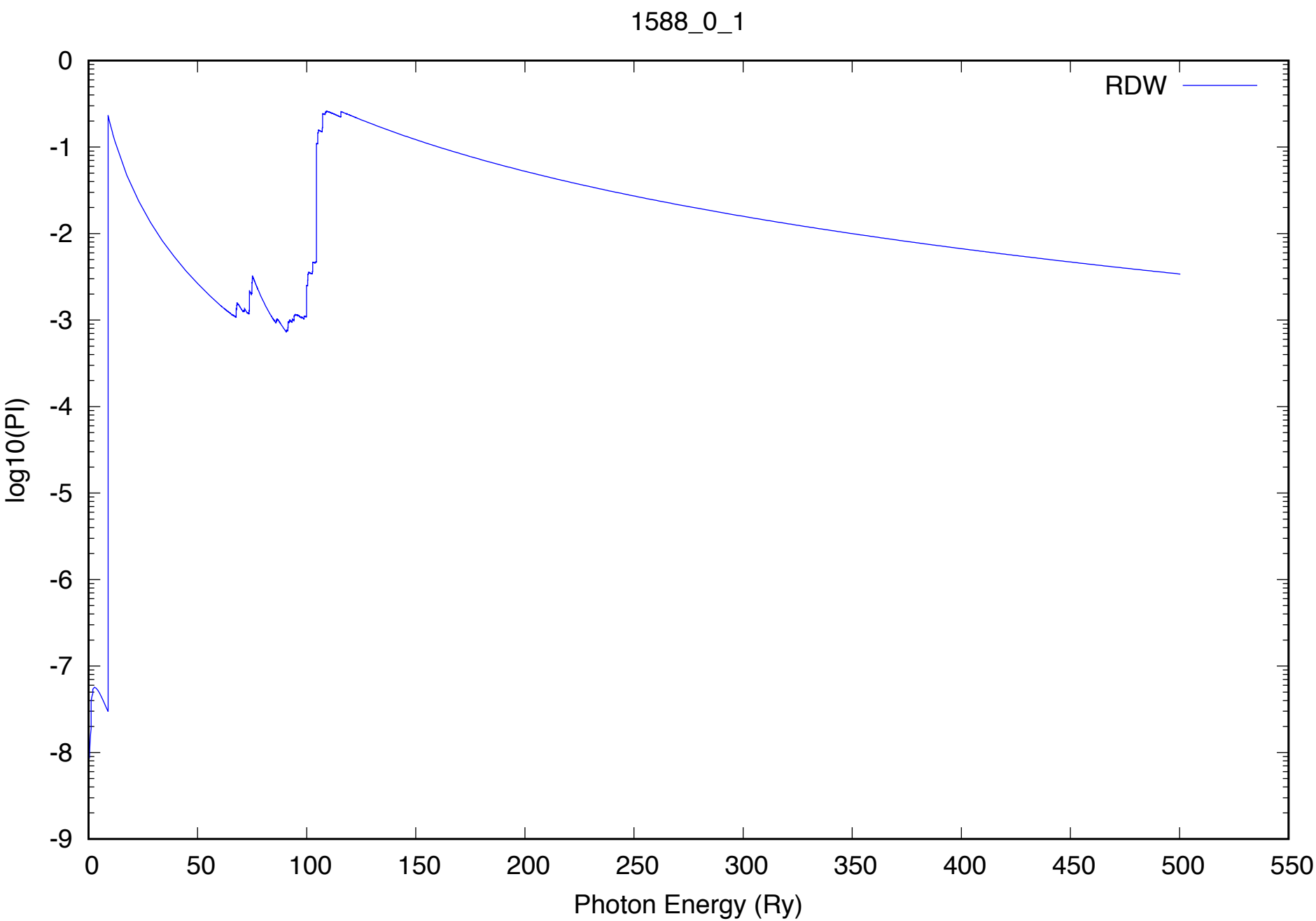

1583_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
0
50
100
150
200
250
300
350
400
450
500
550

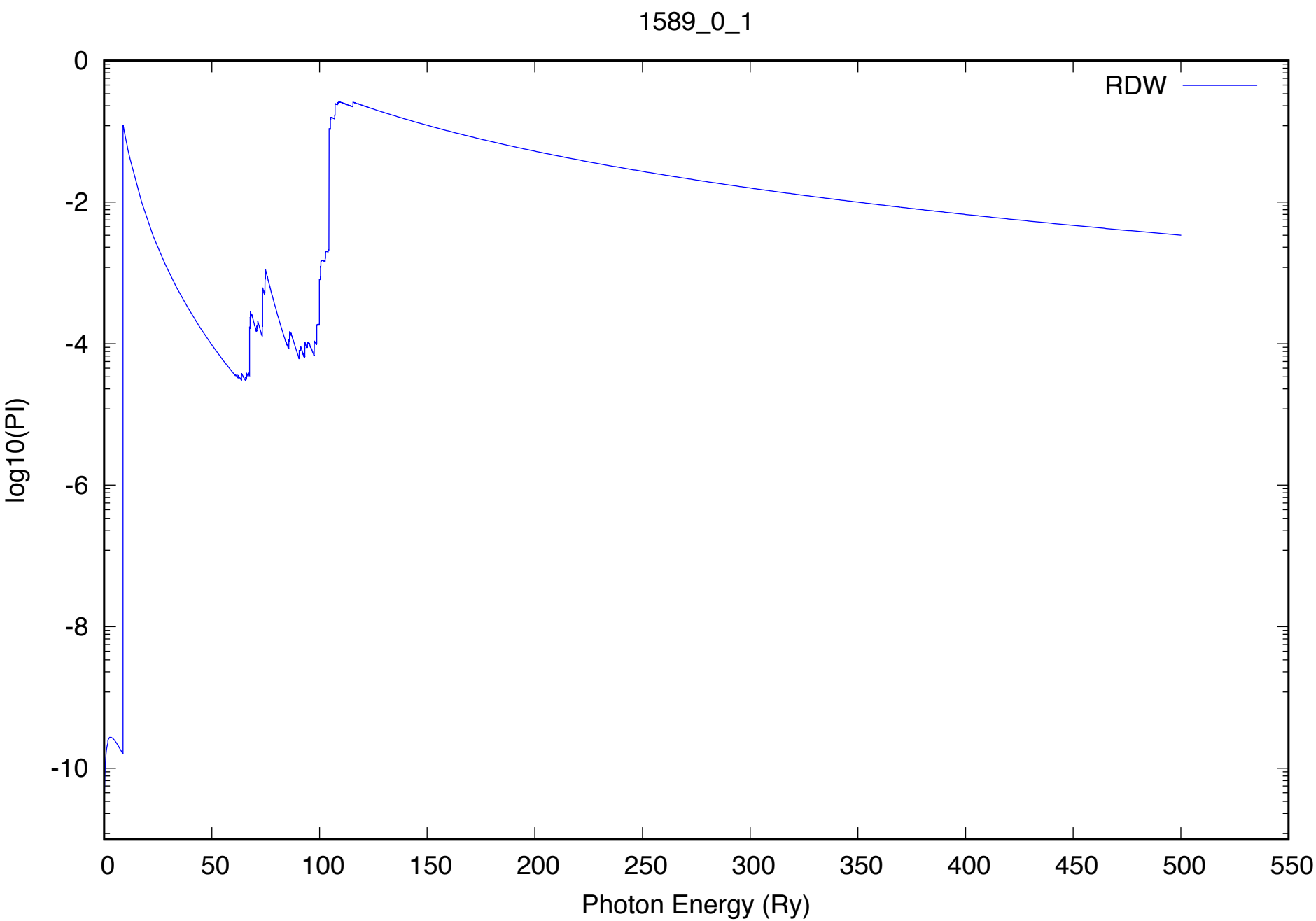

1584_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
0
50
100
150
200
250
300
350
400
450
500
550

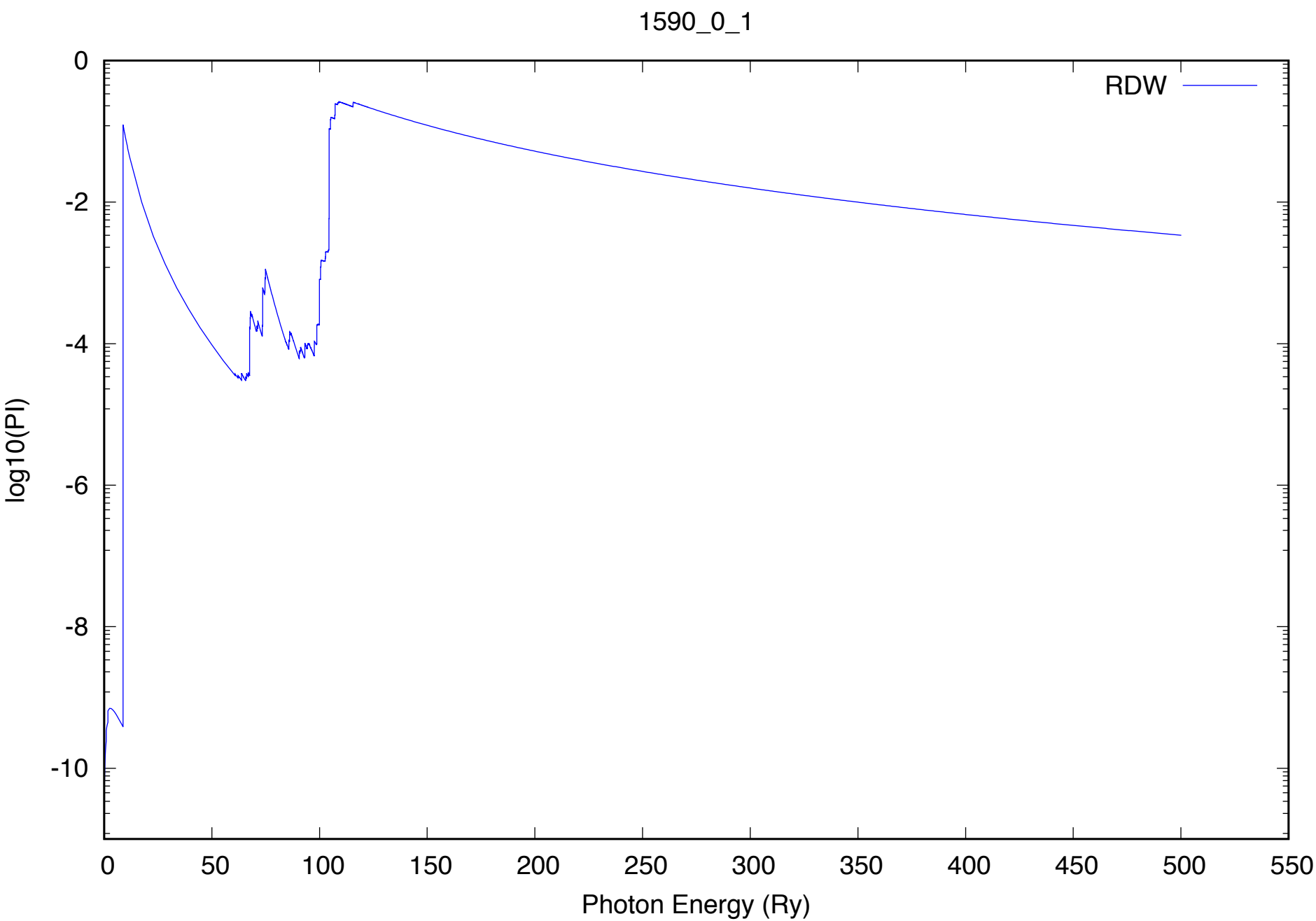

1585_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550

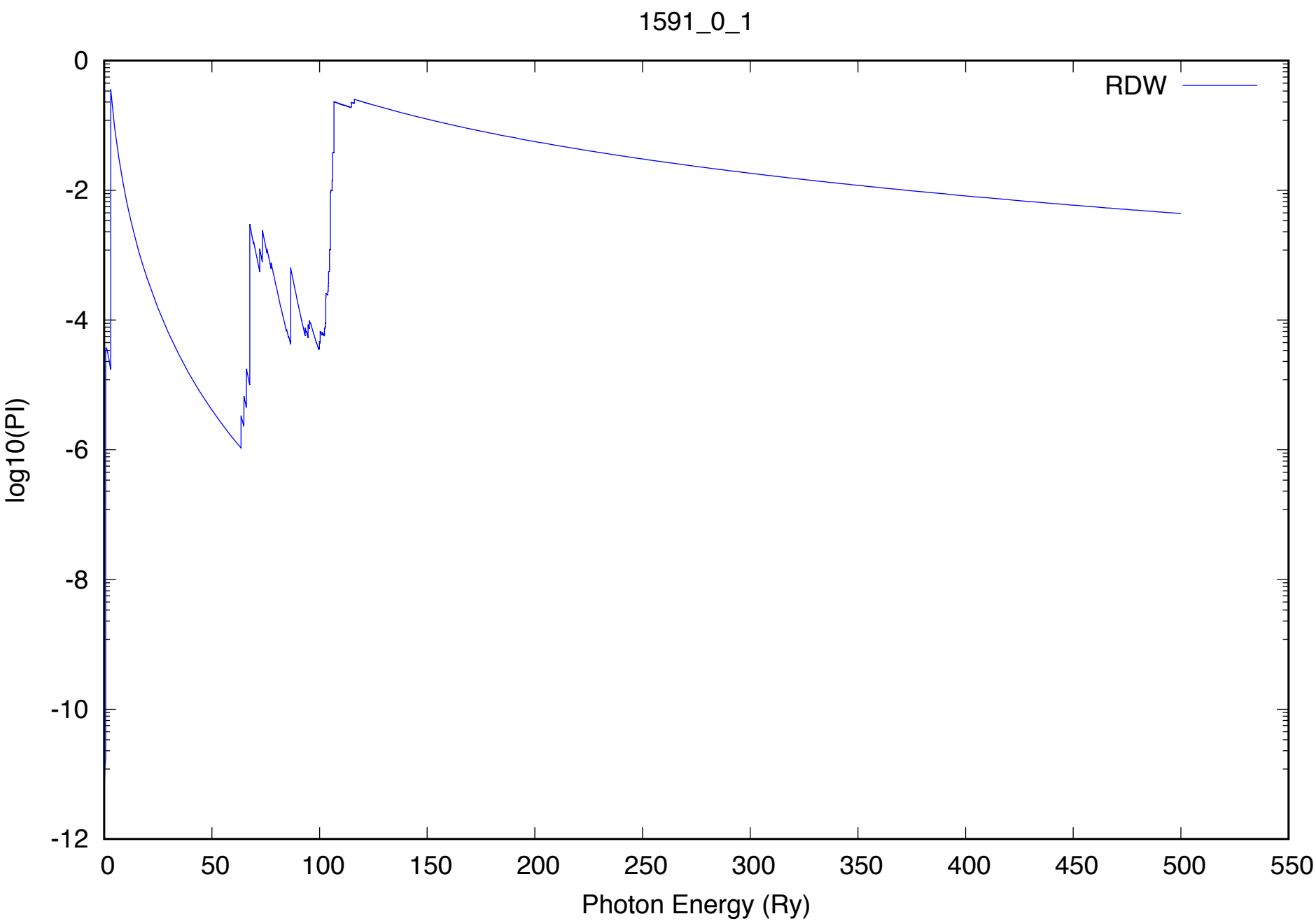

1586_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1587_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1588_0_1
RDW
log10(PI)
Photon Energy (Ry)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
50
100
150
200
250
300
350
400
450
500
550


1589_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1590_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)


1591_0_1
RDW
log10(PI)
0
-2
-4
-6
-8
-10
-12
0
50
100
150
200
250
300
350
400
450
500
550
Photon Energy (Ry)