

GOSIA 2 input

1 ! projectile excitation

OP,FILE
22,3,1
74Zn196Pt_px.out
25,3,1
74Zn196Pt_px_minirest.inp
26,3,1
74Zn196Pt_tx_minirest.inp
14,3,1
dum.14
15,3,1
dum.15
17,3,1
dum.17
18,3,1
dum.18
12,3,1
74Zn196Pt_px.me
32,3,1
74Zn196Pt_tx.me
9,3,1
miniball.det
3,3,1
74Zn196Pt_px.yie
4,3,1
74Zn196Pt_px.cor
7,3,1
74Zn196Pt_px.map
27,3,1
74Zn196Pt_tx.map
23,3,1
74Zn196Pt_px.raw
33,3,1
74Zn196Pt_px.smr
13,3,1
cnor.dat

2 ! target excitation

OP,FILE
22,3,1
74Zn196Pt_tx.out
25,3,1
74Zn196Pt_px_minirest.inp
26,3,1
74Zn196Pt_tx_minirest.inp
14,3,1
dum.14
15,3,1
dum.15
17,3,1
dum.17
18,3,1
dum.18
12,3,1
74Zn196Pt_px.me
32,3,1
74Zn196Pt_tx.me
9,3,1
miniball.det
3,3,1
74Zn196Pt_tx.yie
4,3,1
74Zn196Pt_tx.cor
7,3,1
74Zn196Pt_px.map
27,3,1
74Zn196Pt_tx.map
23,3,1
74Zn196Pt_tx.raw
33,3,1
74Zn196Pt_tx.smr
13,3,1
cnor.dat



Normalization



GOSIA 2 input

projectile (⁷⁴Zn) input

target (¹⁹⁶Pt) input

- LEVE
- ME
- EXPT

- LEVE
- ME
- EXPT

investigated nucleus → EXPT 2,30,74
projectile excitation → -78,196,271,35,3,1,0,0,360,1,1
-78,196,271,-86,3,1,0,0,360,1,2

EXPT 2,78,196
30,74,271,35,3,1,0,0,360,1,1
30,74,271,-86,3,1,0,0,360,1,2

➤ OP, YIEL
Internal conversion
coefficients
for a projectile

➤ OP, YIEL
Internal conversion
coefficients
for a target

Always start with input file labeled as "1" (in this example projectile) :

gosia2 < 74Zn196Pt_px.inp