

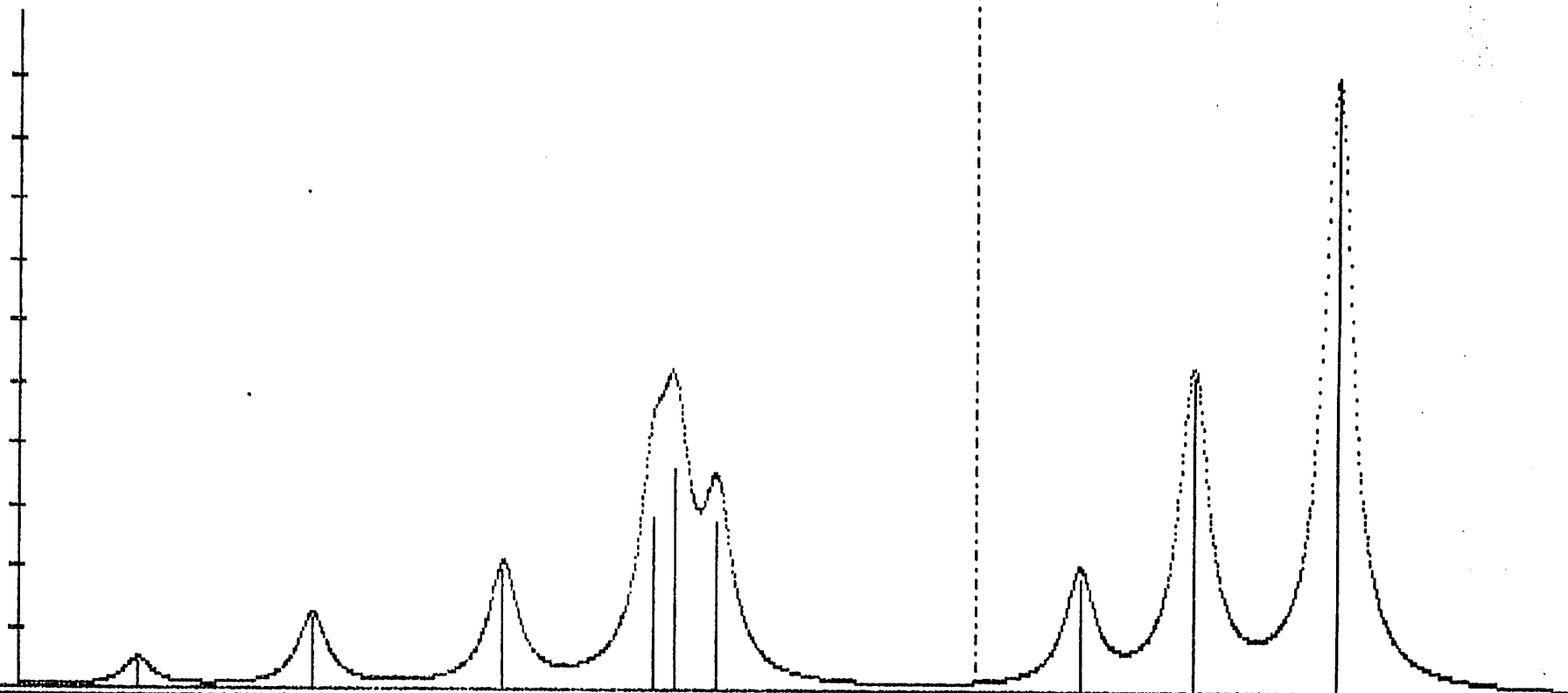
Zirkon, Übergang : a 3F2 -> z 3D1

HFS - SPEKTRUM
* Simulation *

Lorentz
-Profil

Intens.

[%]



Energie [MHz]

Au = -170.800000

Bo = -180.000000

E(min) = -965.275

Untergrund = 0

Bu = -21.500000

Bo = 10.000000

E(max) = 411.875

FWHM [MHz] = 40

Ju = 2.0

Jo = 1.0

I = 2.5

Anzahl = 9

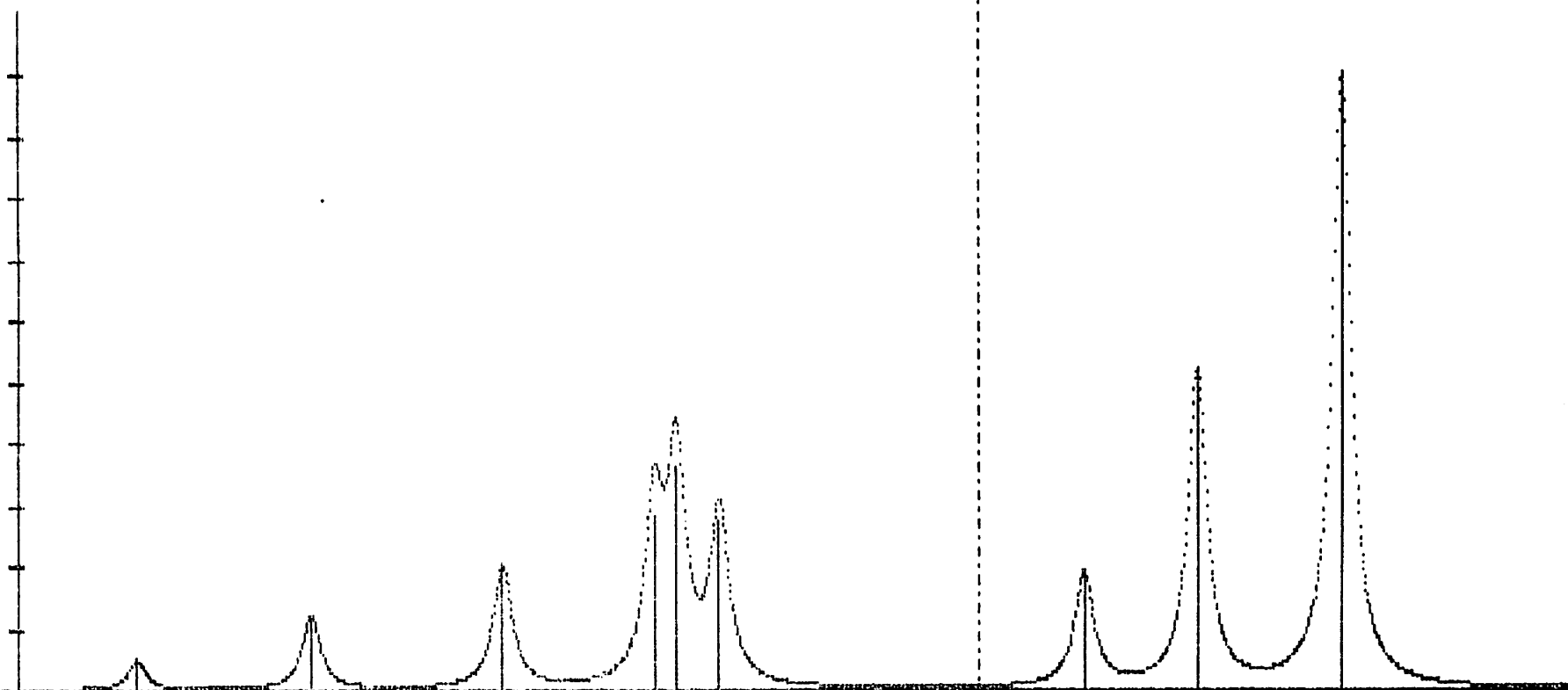
<<RETURN>>

Zirkon, Übergang : a 3F2 → z 3D1

HFS - SPEKTRUM
* Simulation *

Lorentz
-Profil

Intens.
[%] ▲



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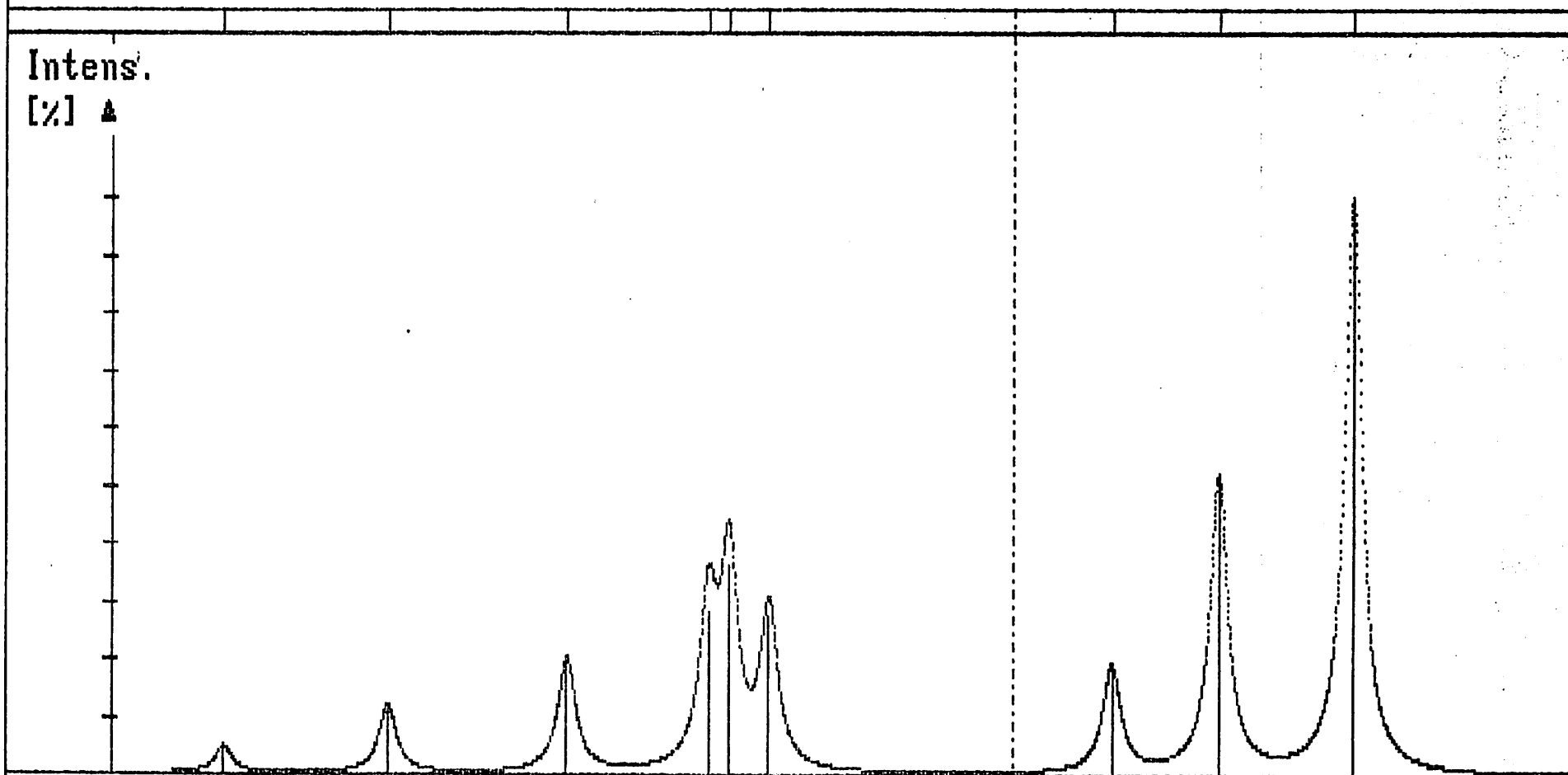
<<RETURN>>

Zirkon, Übergang : a 3F2 -> z 3D1

HFS - SPEKTRUM
* Simulation *

Lorentz
-Profil

Intens.
[%] ▲



Au = -170.800000

Ao = -180.000000

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Bu = -21.500000

Bo = 10.000000

E(max) = 411.875

FWHM [MHz] = 25

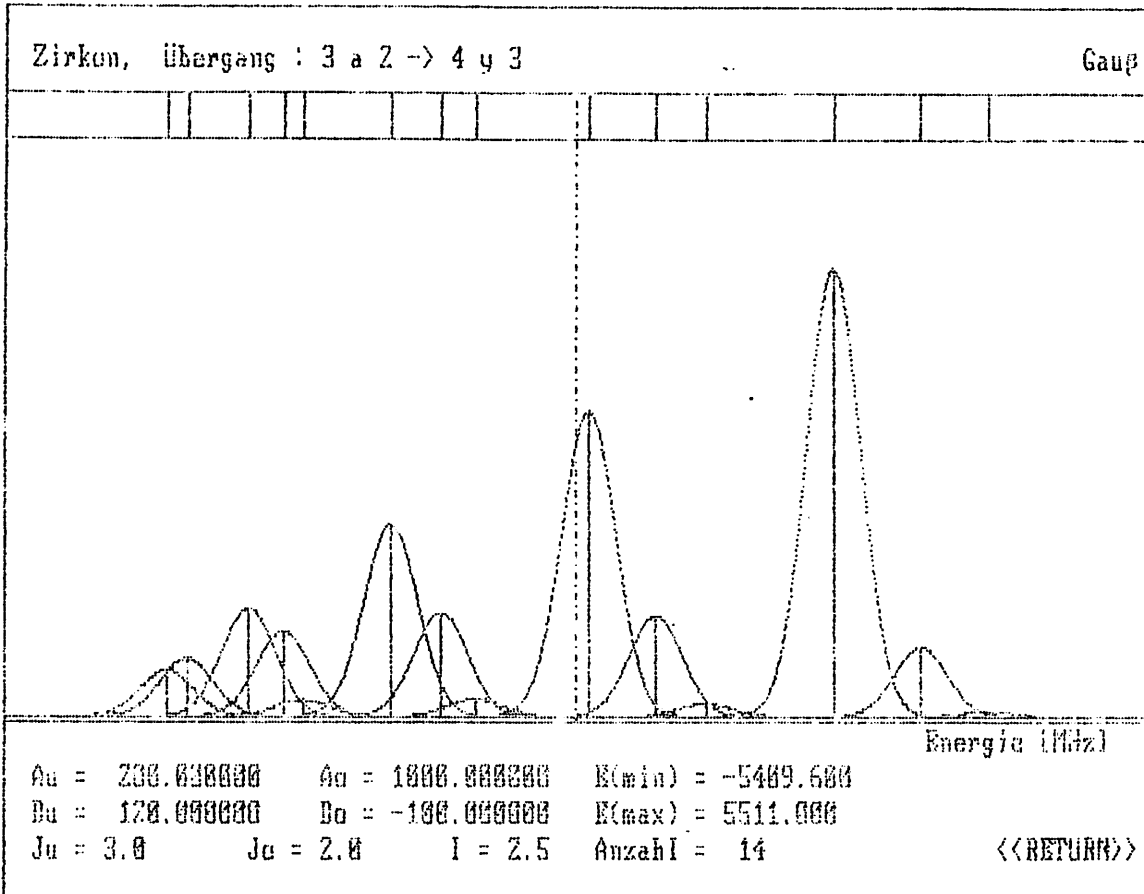
Ju = 2.0

Jo = 1.0

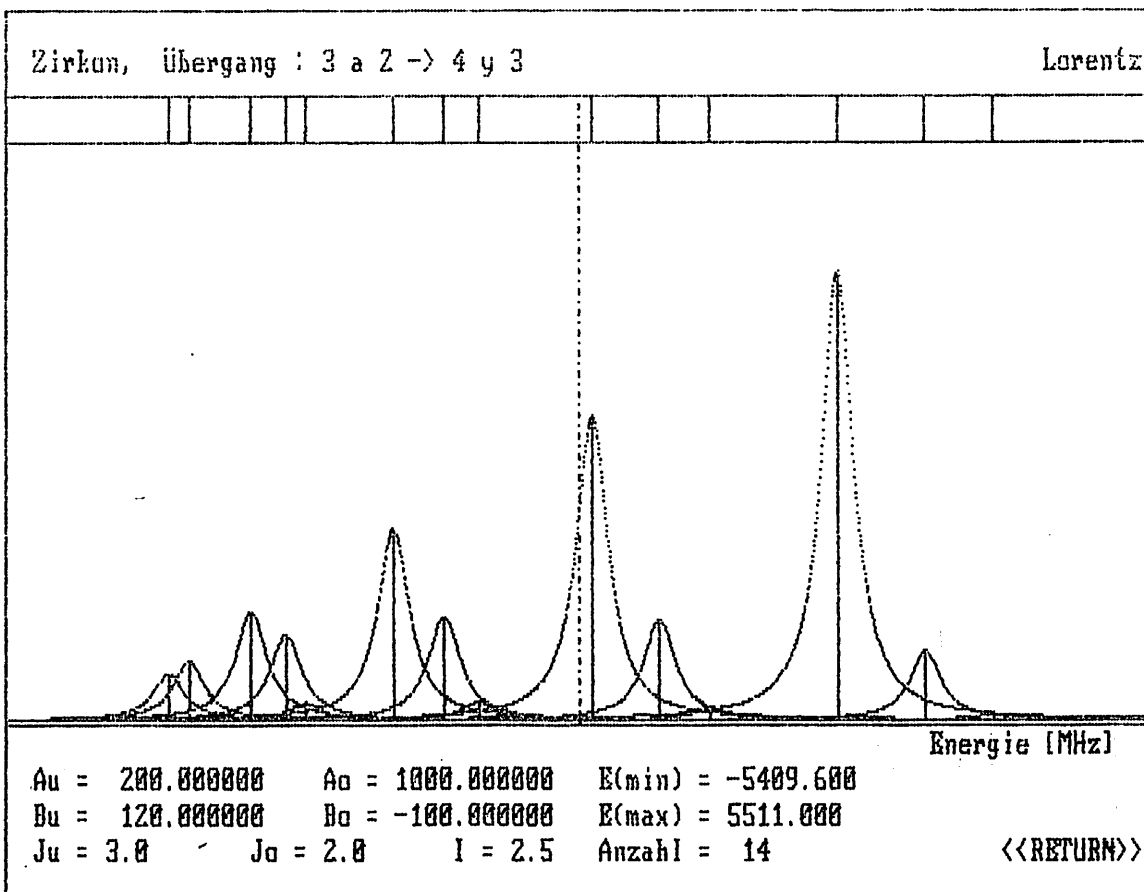
I = 2.5

Anzahl = 9

<<RETURN>>



Gauß



Lorentz
profile

(FWHM

Zirkon, Übergang : a 3F2 -> z 3D1

HFS - SPEKTRUM
* Simulation *

Lorentz
-Profil

Intens.
[%] ▲

Energie [MHz]

Au = -170.800000

Ao = -180.000000

E(min) = -965.275

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Bo = 10.000000

E(max) = 411.875

FWHM [MHz] = 25

Ju = 2.0

Jo = 1.0

I = 2.5

Anzahl = 9

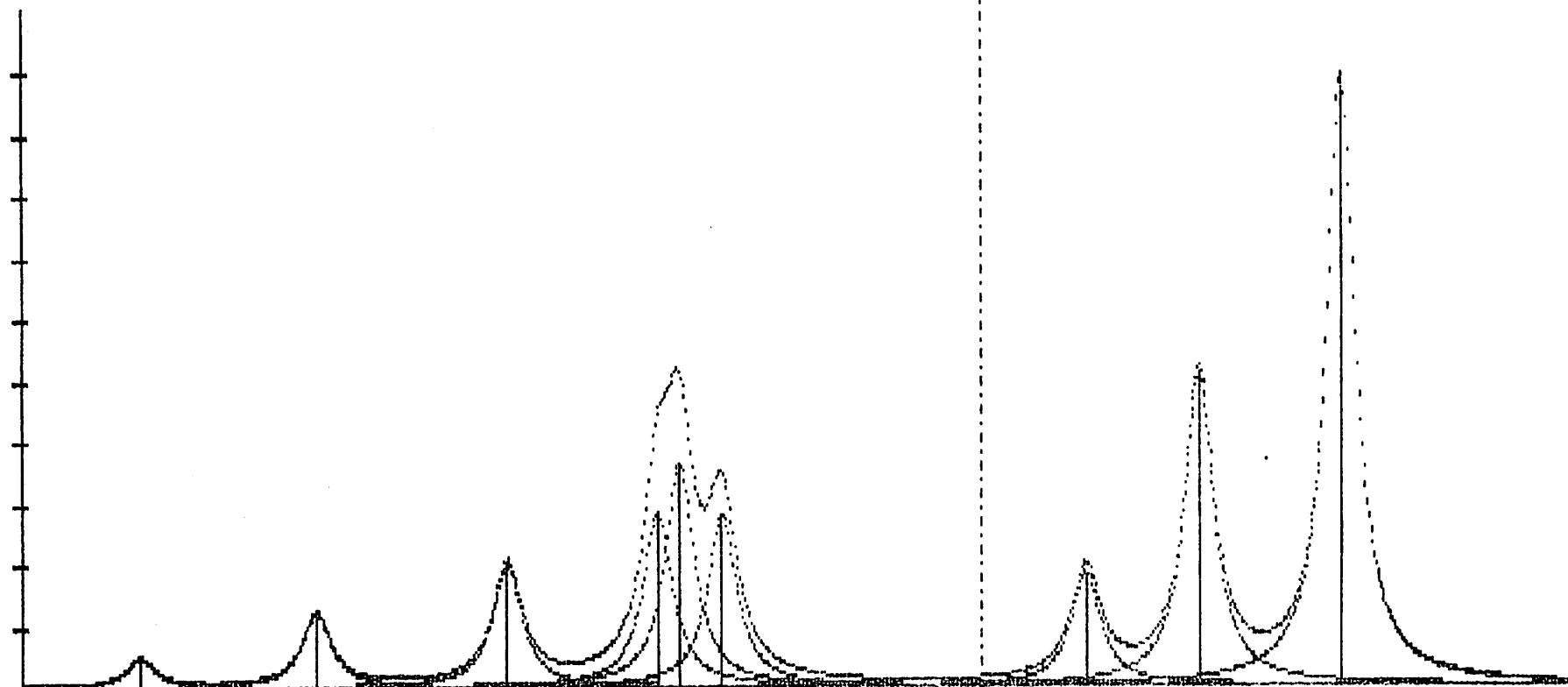
<<RETURN>>

Zirkon, Übergang : a 3F2 -> z 3D1

HFS - SPEKTRUM
* Simulation *

Lorentz
- Summe

Intens.
[%] ▲



Energie [MHz]

Au = -170.800000

Ao = -180.000000

E(min) = -965.275

Untergrund = 0

Bu = -21.500000

Bo = 10.000000

E(max) = 411.875

FWHM [MHz] = 40

Ju = 2.0

Jo = 1.0

I = 2.5

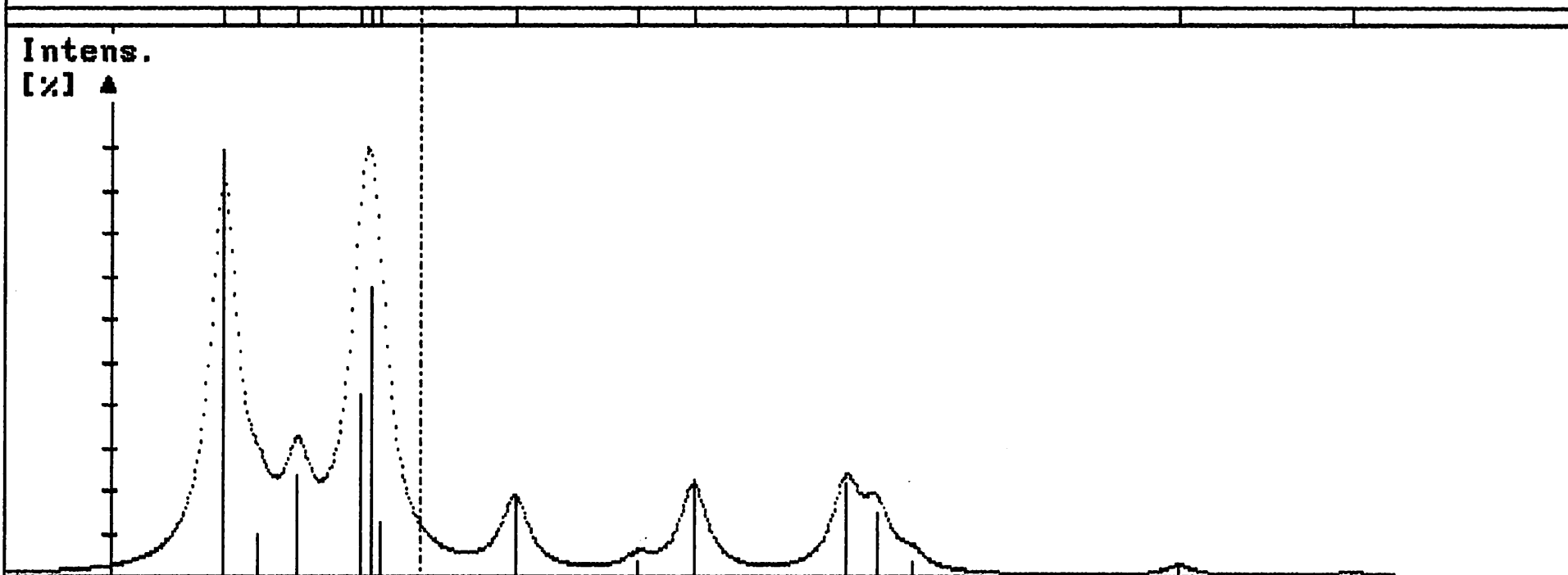
Anzahl = 9

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Au = 80.000000

Ao = 100.000000

E(min) = -150.000

Untergrund = 0

Bu = 100.000000

Bo = -100.000000

E(max) = 705.000

FWHM [MHz] = 25

Ju = 3.0

Jo = 2.0

I = 2.5

Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲

Energie [MHz]

Au = 180.000000

Ao = 200.000000

E(min) = -400.000

Untergrund = 0

Bu = 100.000000

Bo = -100.000000

E(max) = 1455.000

FWHM [MHz] = 25

Ju = 3.0

Jo = 2.0

I = 2.5

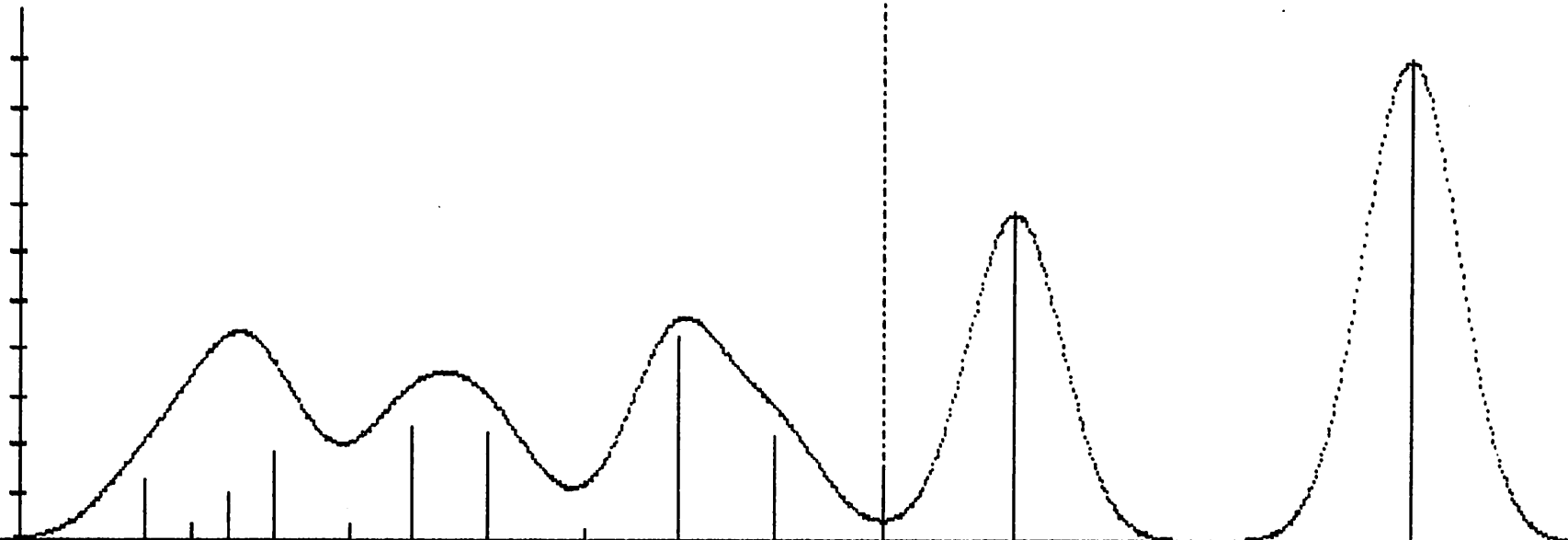
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Gauß
-Prof il

Intens.
[%] ▲



Energie [MHz]

Au = -200.000000

Ao = 400.000000

E(min) = -5544.000

Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 3945.000

FWHM [MHz] = 500

Ju = 2.0

Jo = 3.0

I = 2.5

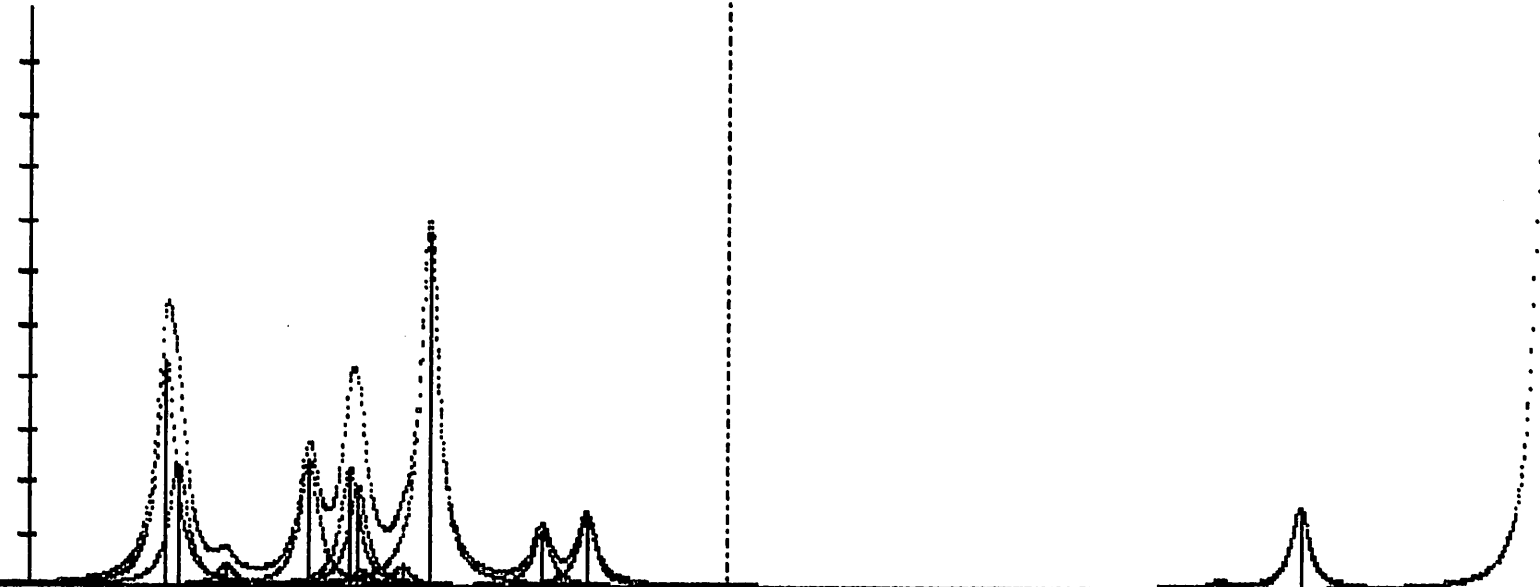
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
- Summe

Intens.
[%] ▲



Au = -20.000000

Ao = 100.000000

E(min) = -640.000

Untergrund = 0

Bu = -300.000000

Bo = 800.000000

E(max) = 925.000

FWHM [MHz] = 25

Ju = 3.0

Jo = 2.0

I = 2.5

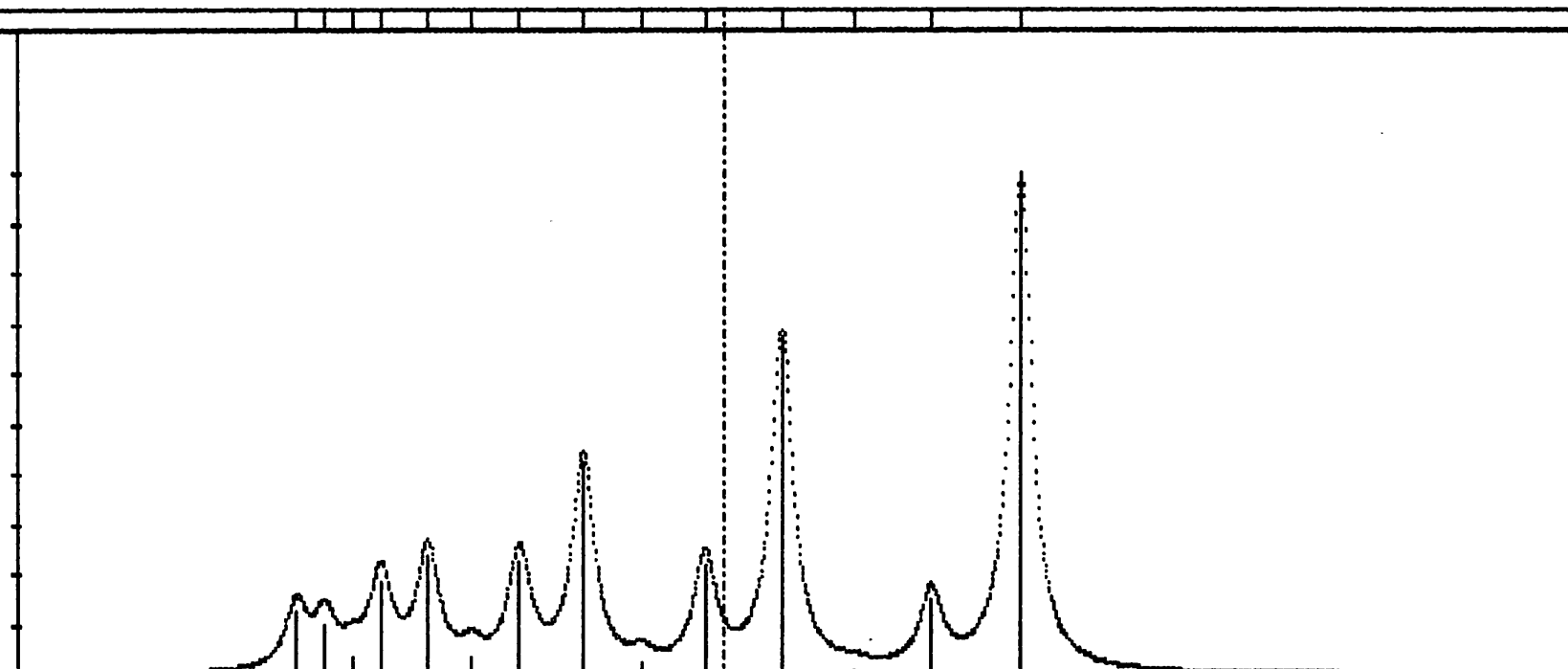
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Energie [MHz]

Au = -200.000000

Ao = 400.000000

E(min) = -4942.000

Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 3445.000

FWHM [MHz] = 300

Ju = 3.0

Jo = 2.0

I = 2.5

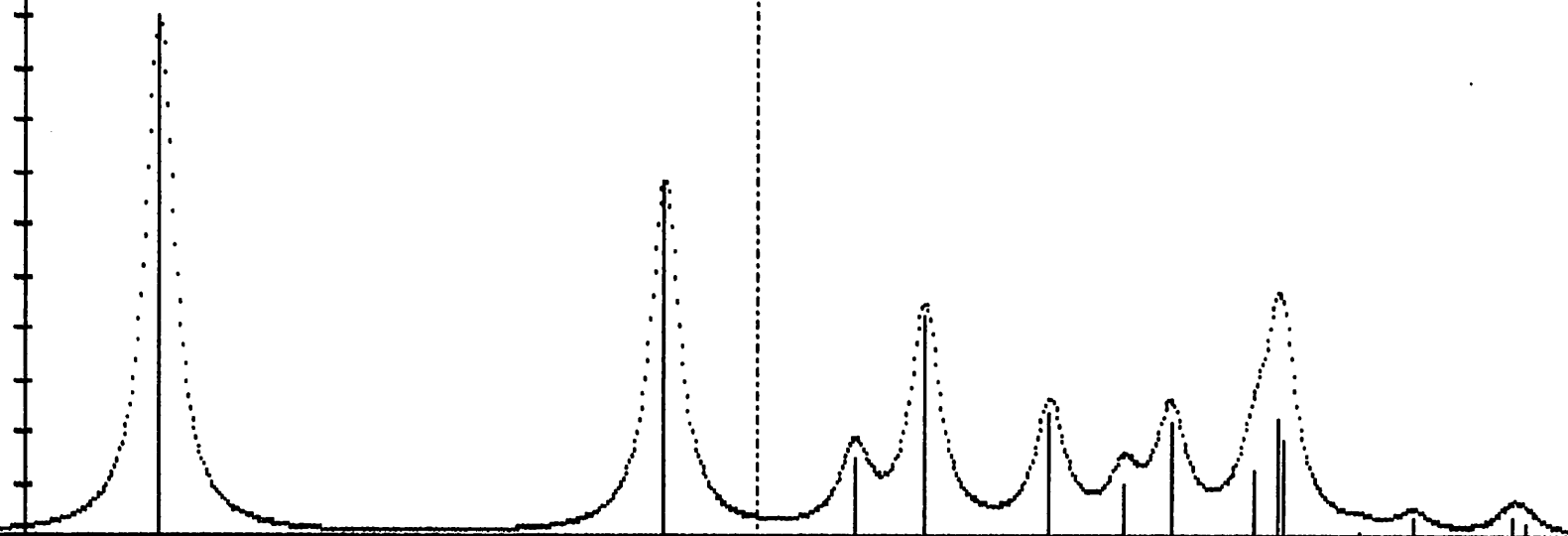
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Au = 80.000000

Ao = 45.000000

E(min) = -425.000

Untergrund = 0

Bu = 100.000000

Bo = -100.000000

E(max) = 547.000

FWHM [MHz] = 25

Ju = 3.0

Jo = 2.0

I = 2.5

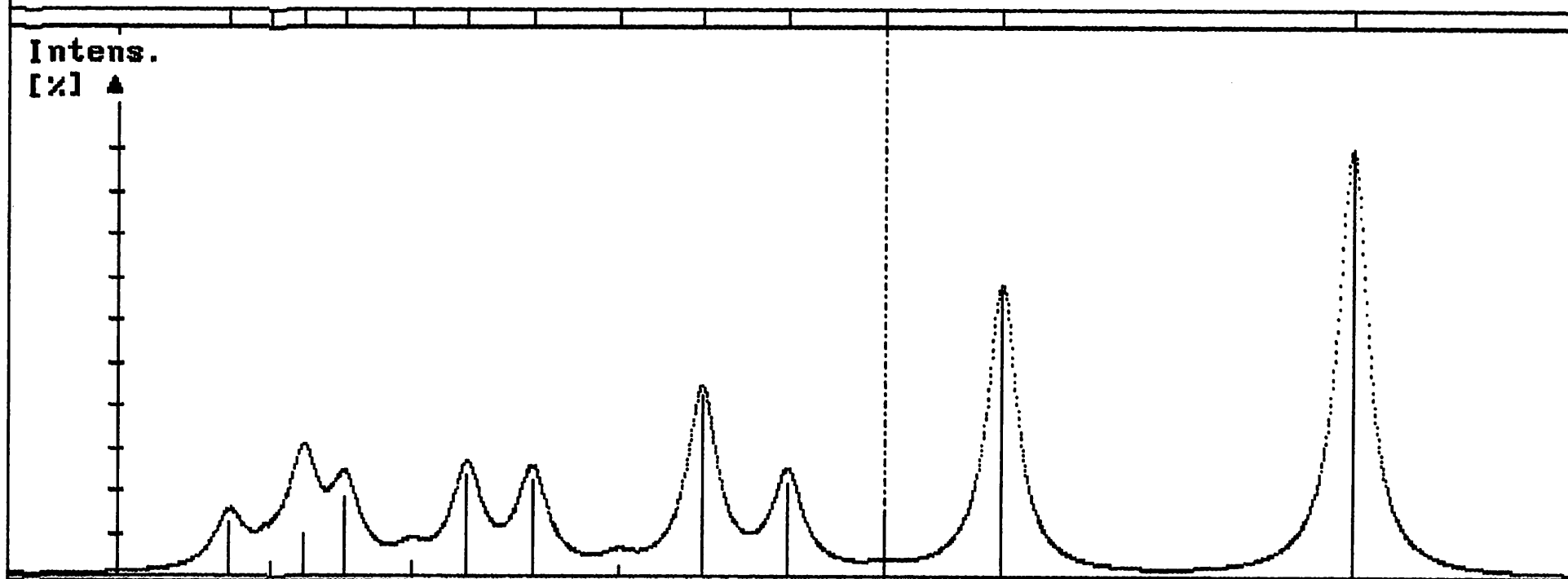
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
- Summe

Intens.
[%] ▲



Au = -200.000000

Ao = 400.000000

E(min) = -5544.000

Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 3945.000

FWHM [MHz] = 300

Ju = 2.0

Jo = 3.0

I = 2.5

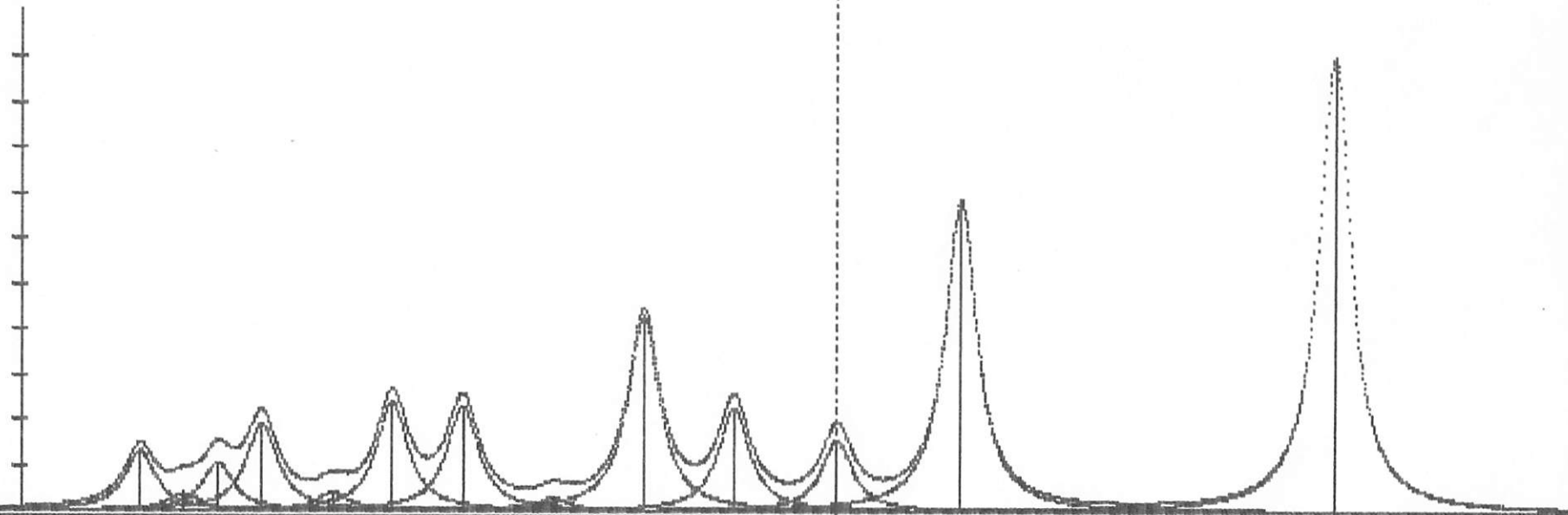
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
- Summe

Intens.
[%] ▲



Au = -200.000000

Ao = 400.000000

E(min) = -5544.000

Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 3945.000

FWHM [MHz] = 300

Ju = 2.0

Jo = 3.0

I = 2.5

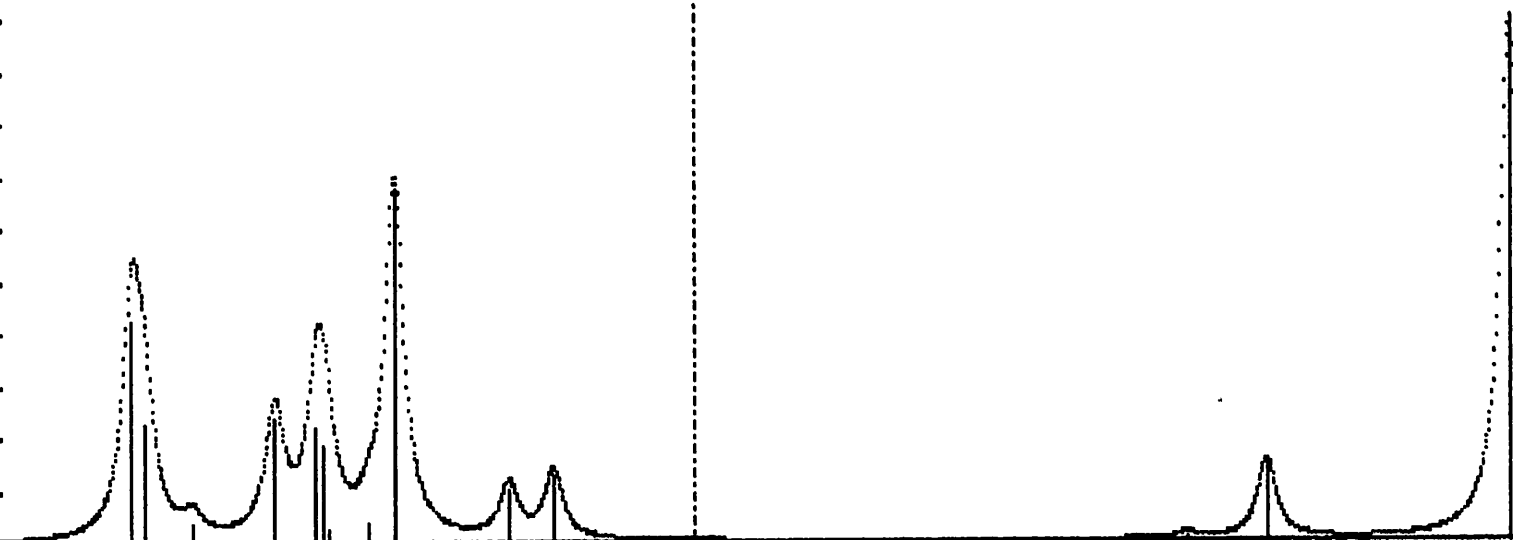
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Energie [MHz]

Au = -20.000000 Ao = 100.000000
Bu = -300.000000 Bo = 800.000000
Ju = 3.0 Jo = 2.0 I = 2.5

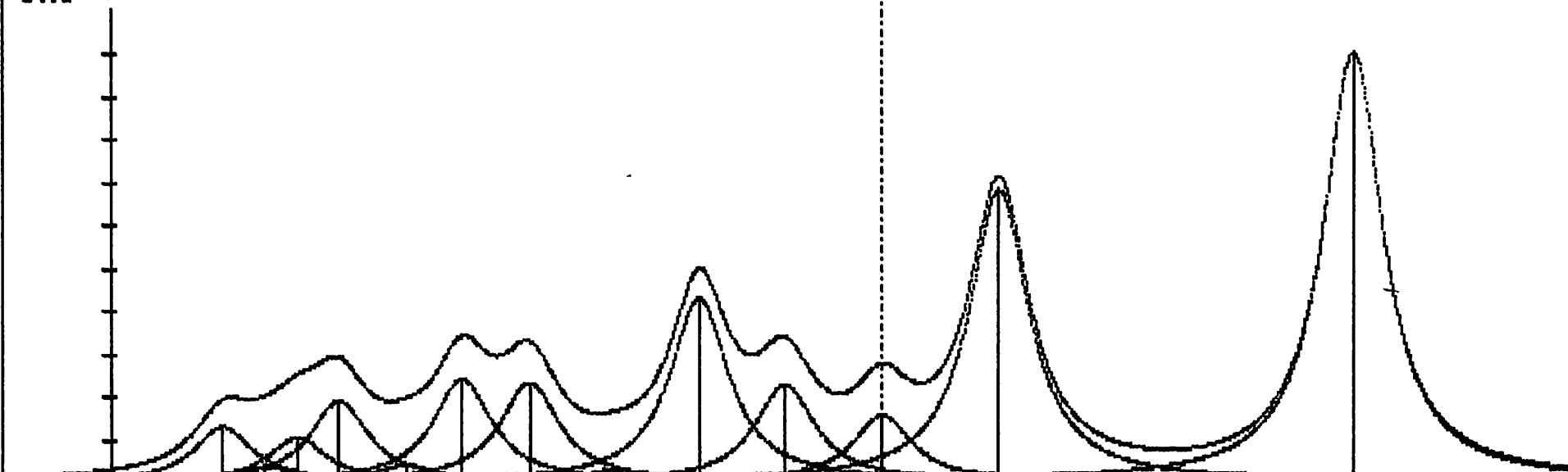
E(min) = -640.000
E(max) = 925.000
Anzahl = 14

Untergrund = 0
FWHM [MHz] = 25
<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
- Summe

Intens.
[%] ▲



Energie [MHz]

Au = -200.000000

Ao = 400.000000

E(min) = -5544.000

Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 3945.000

FWHM [MHz] = 600

Ju = 2.0

Jo = 3.0

I = 2.5

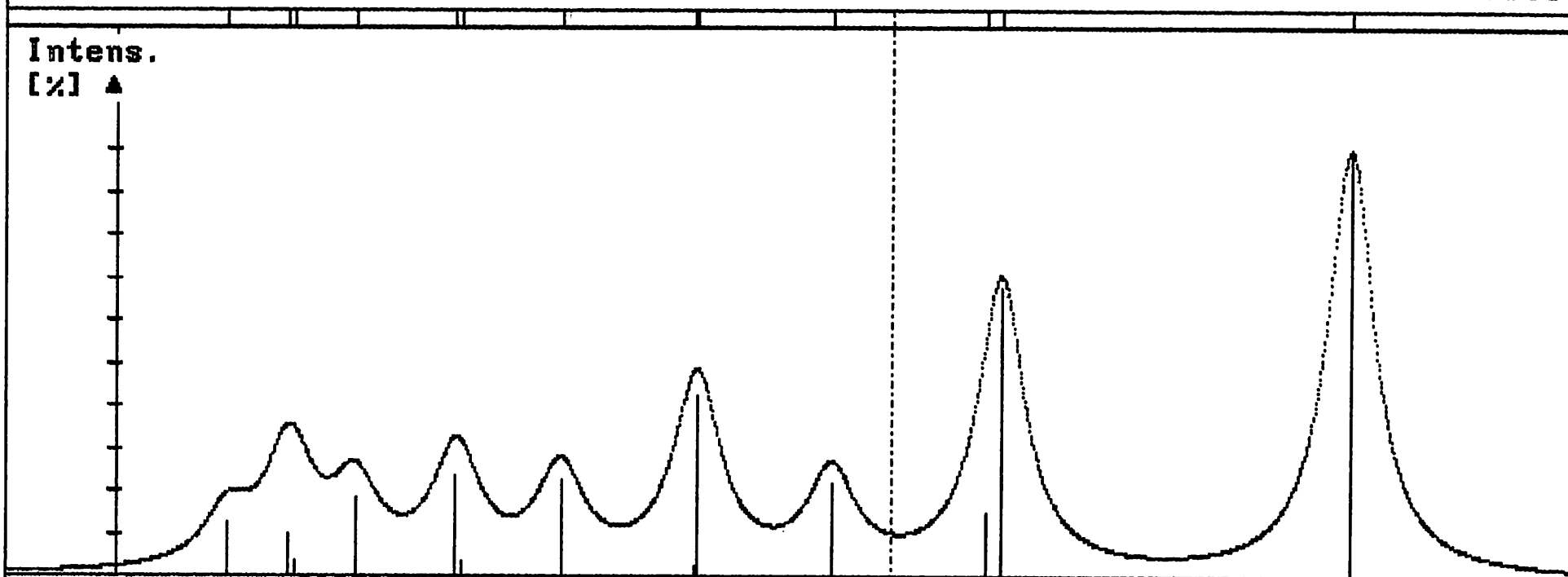
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Au = -200.000000

Ao = 200.000000

E(min) = -3544.000

Energie [MHz]
Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 2445.000

FWHM [MHz] = 300

Ju = 2.0

Jo = 3.0

I = 2.5

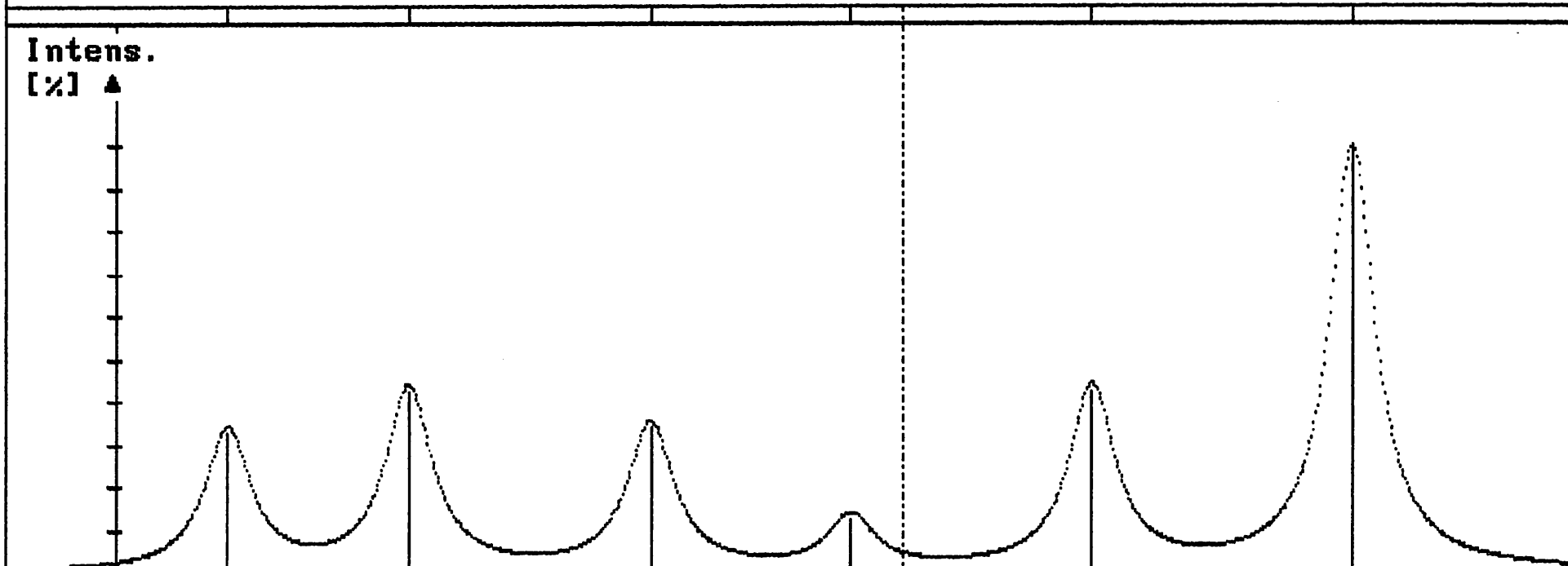
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Energie [MHz]

Au = -200.000000

Ao = 400.000000

E(min) = -1834.000

Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 1220.000

FWHM [MHz] = 150

Ju = 1.5

Jo = 0.5

I = 2.5

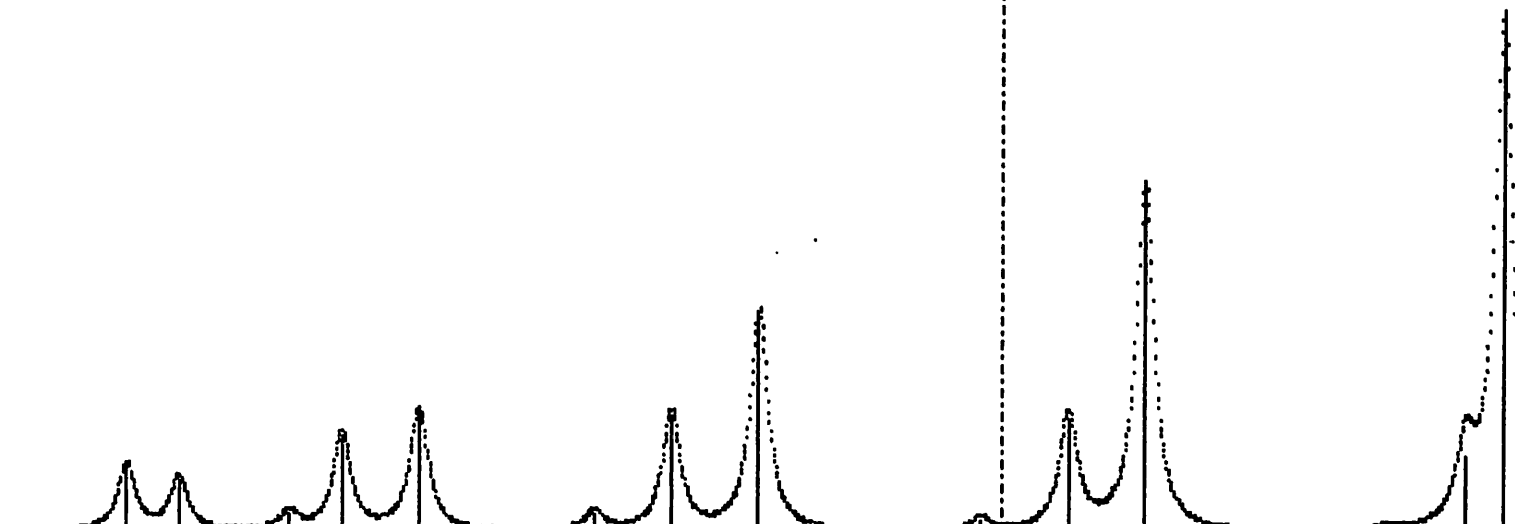
Anzahl = 6

<<RETURN>>

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Energie [MHz]

Au = -20.000000

Ao = 100.000000

E(min) = -1042.000

Untergrund = 0

Bu = 120.000000

Bo = -100.000000

E(max) = 595.000

FWHM [MHz] = 25

Ju = 3.0

Jo = 2.0

I = 2.5

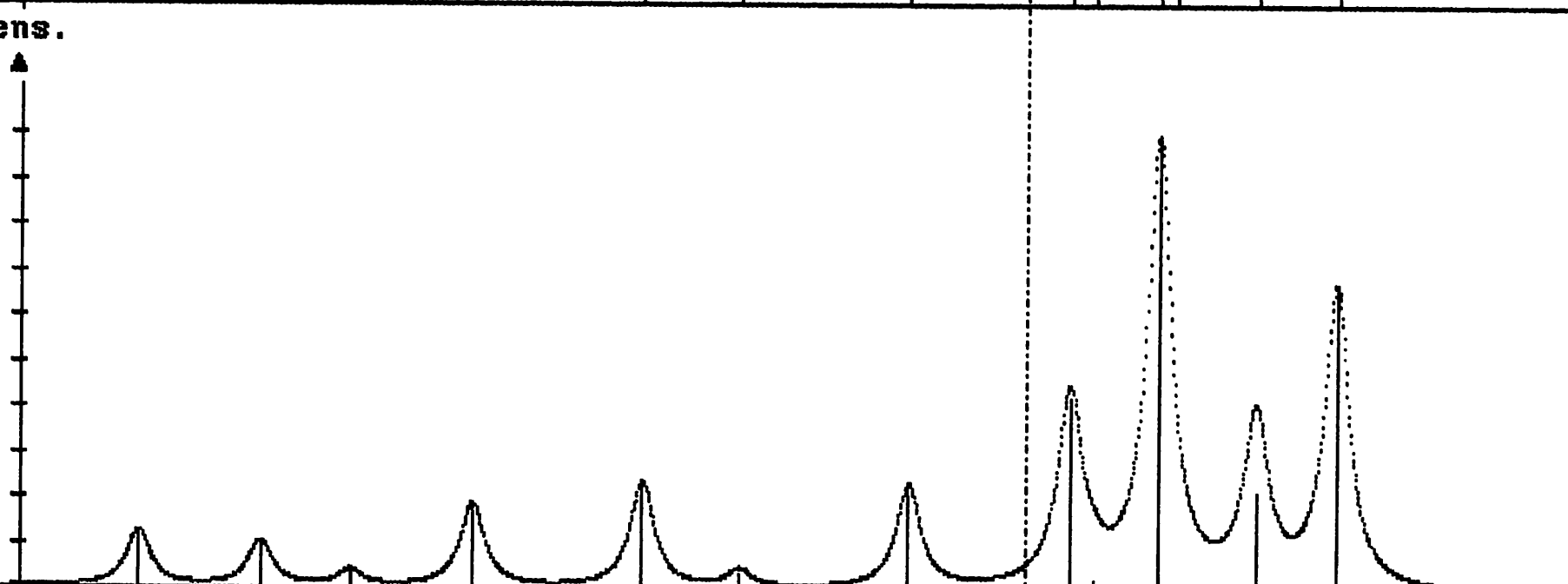
Anzahl = 14

<<RETURN>>

Zirkon, Übergang : 3 a 2 → 4 y 3

Lorentz
-Profil

Intens.
[%] ▲

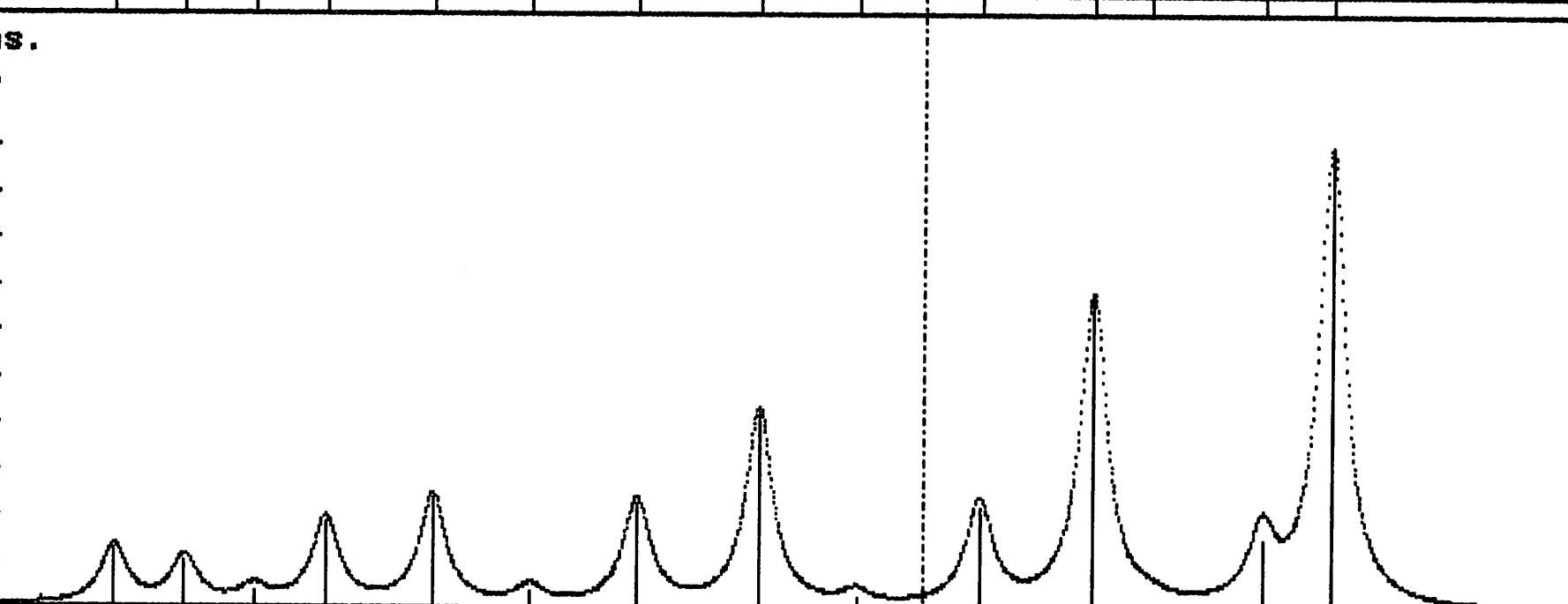


				Energie [MHz]	
Au = -5.000000	Ao = 10.000000	E(min) = -250.000	Untergrund = 0		
Bu = 100.000000	Bo = -100.000000	E(max) = 87.500	FWHM [MHz] = 8		
Ju = 3.0	Jo = 2.0	I = 2.5	Anzahl = 14	<<RETURN>>	

Zirkon, Übergang : 3 a 2 -> 4 y 3

Lorentz
-Profil

Intens.
[%] ▲



Au = -20.000000
Bu = 100.000000
Ju = 3.0

Ao = 45.000000
Bo = -100.000000
Jo = 2.0

I = 2.5

E(min) = -645.000
E(max) = 325.000
Anzahl = 14

Energie [MHz]

Untergrund = 0
FWHM [MHz] = 25

<<RETURN>>