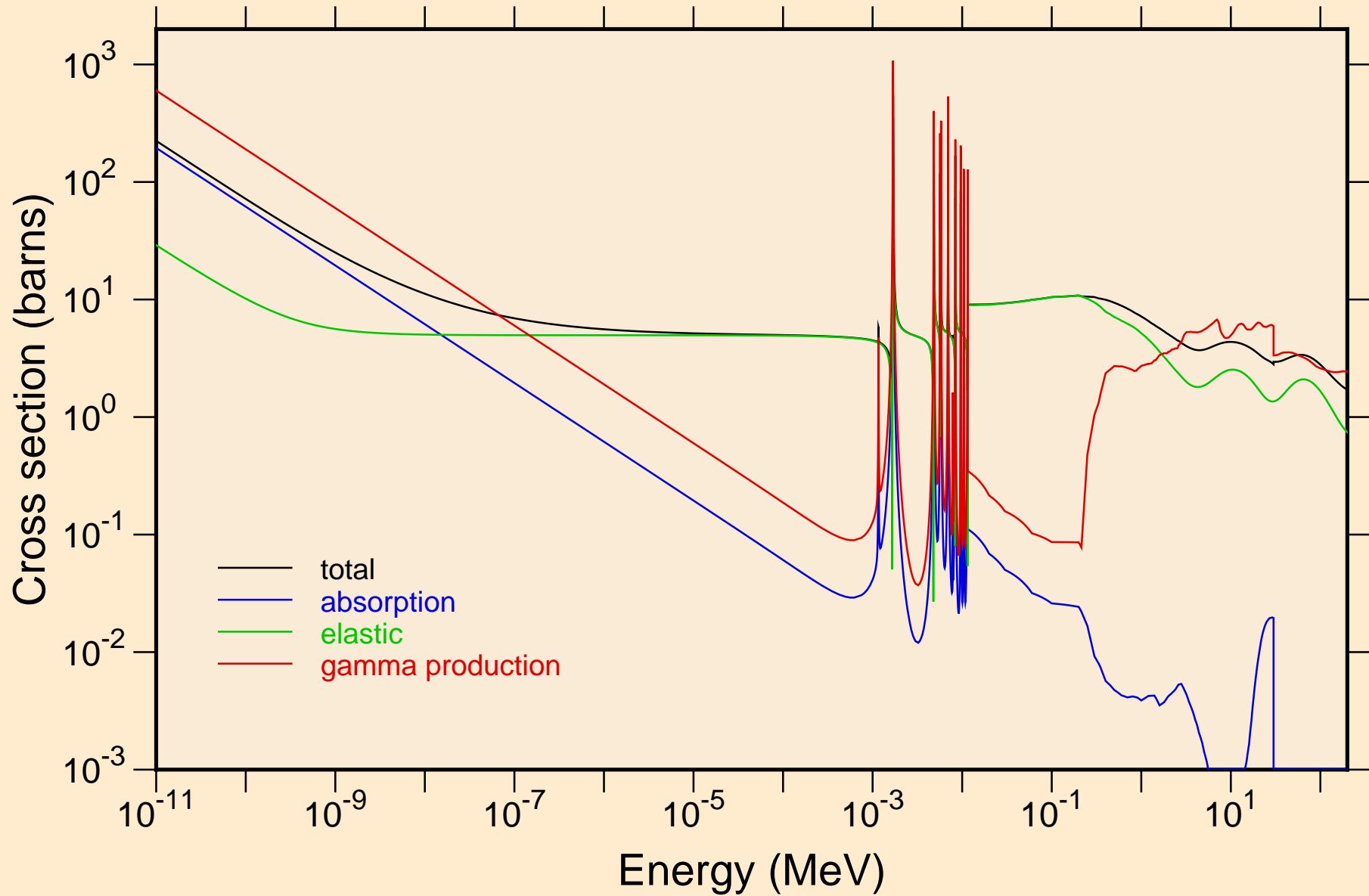
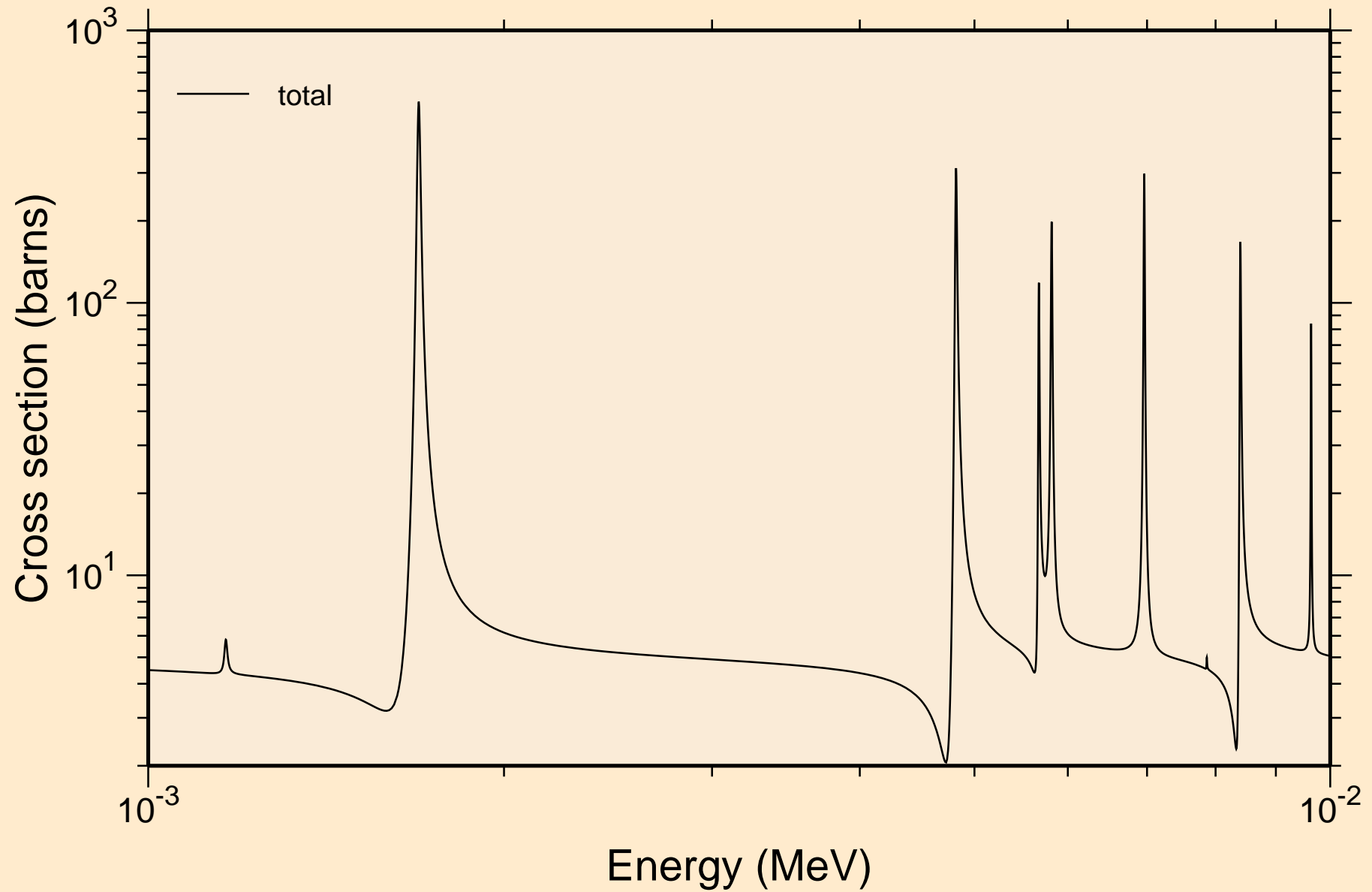


# ZR100 NRG TENDL-2015, AKONING

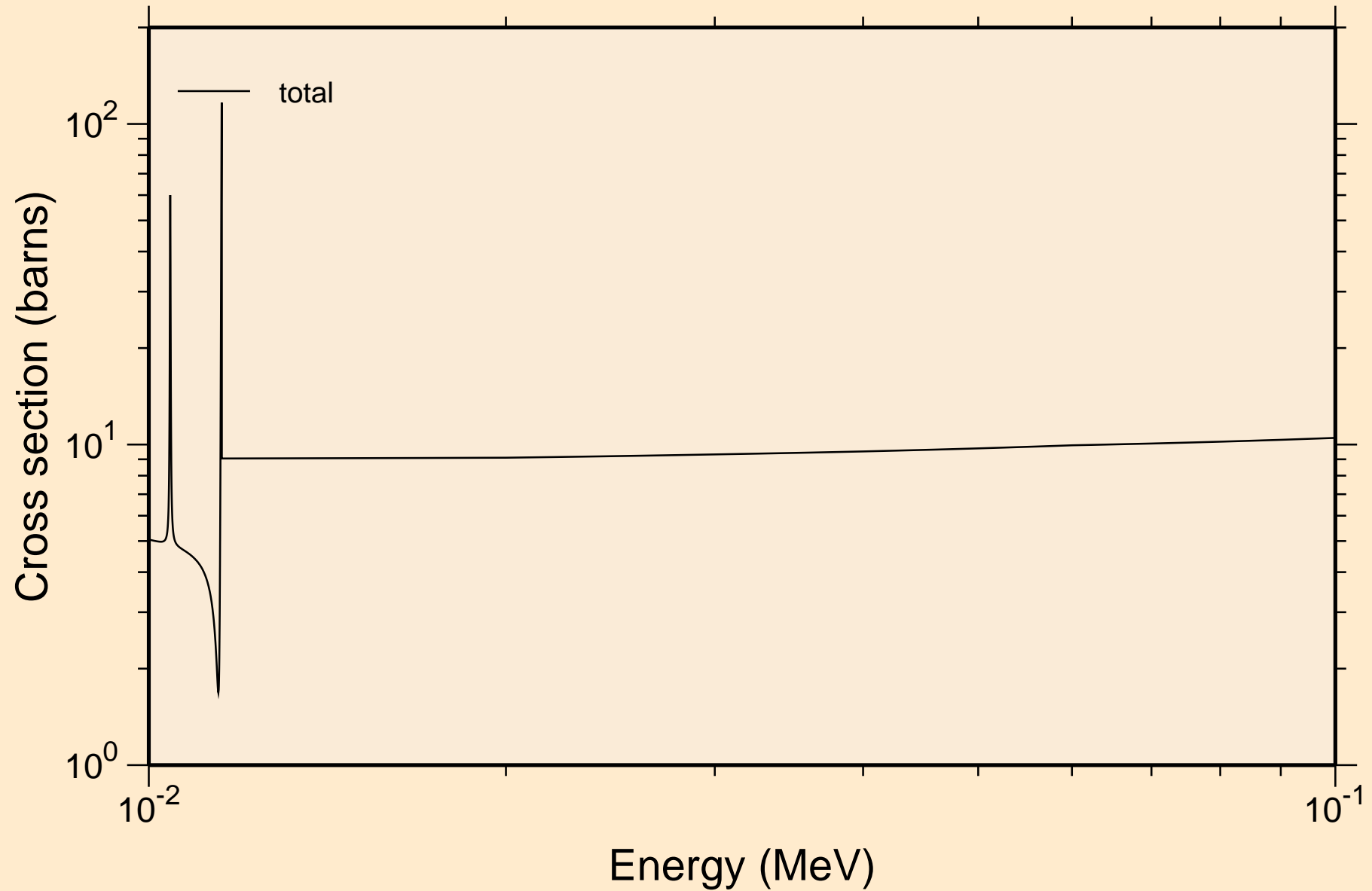
## Principal cross sections



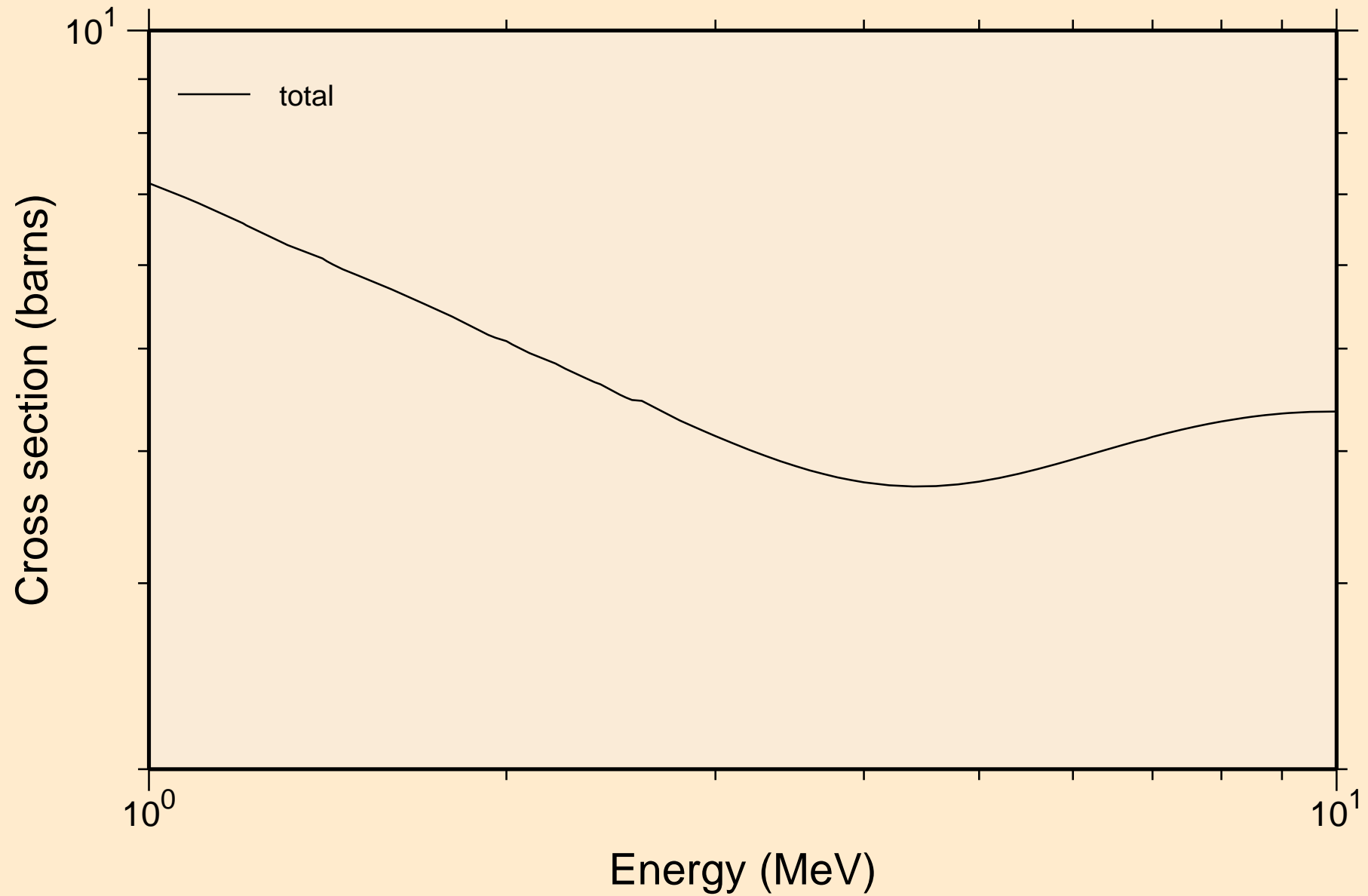
ZR100 NRG TENDL-2015, AKONING  
resonance total cross section



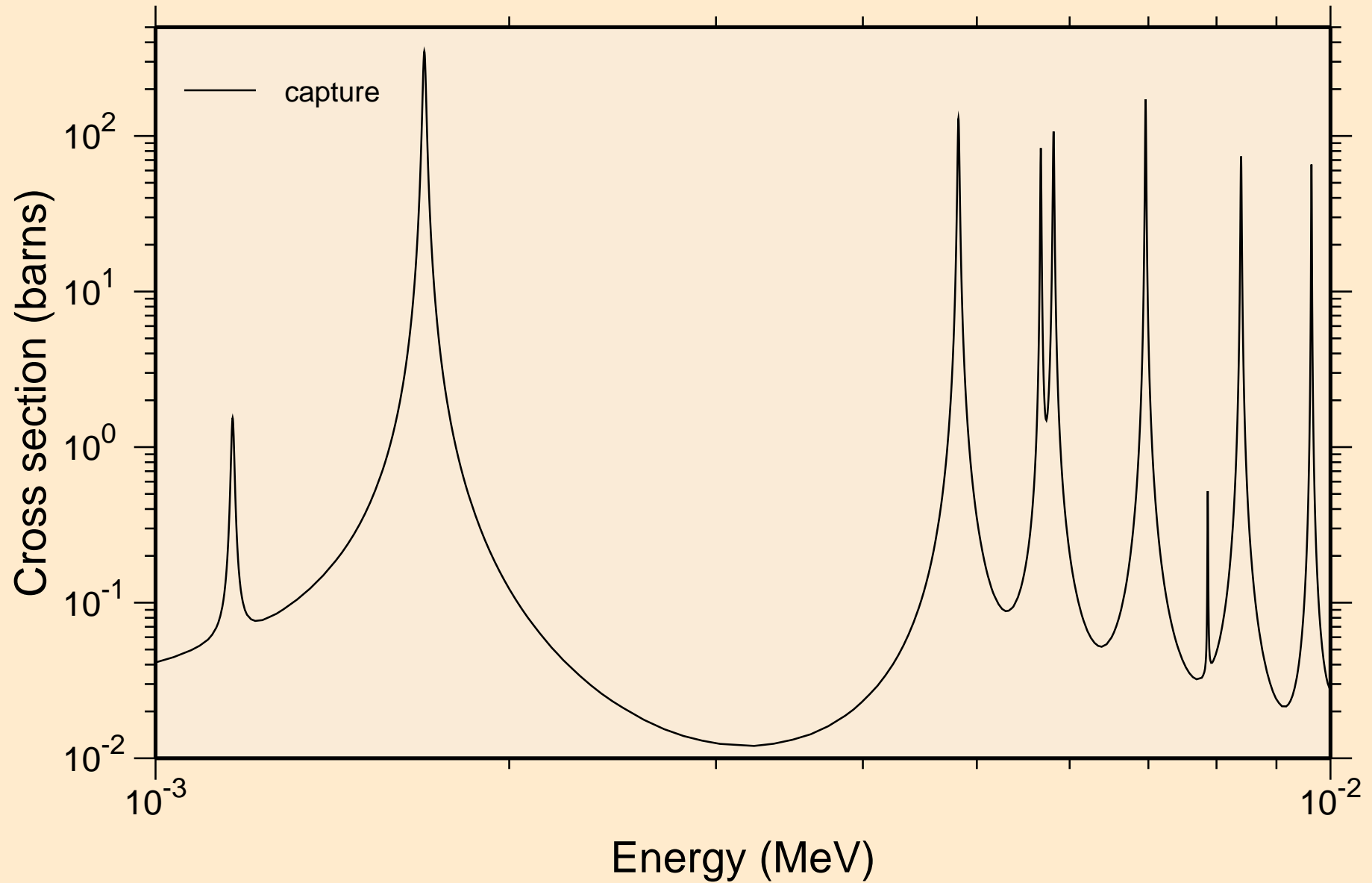
ZR100 NRG TENDL-2015, AKONING  
resonance total cross section



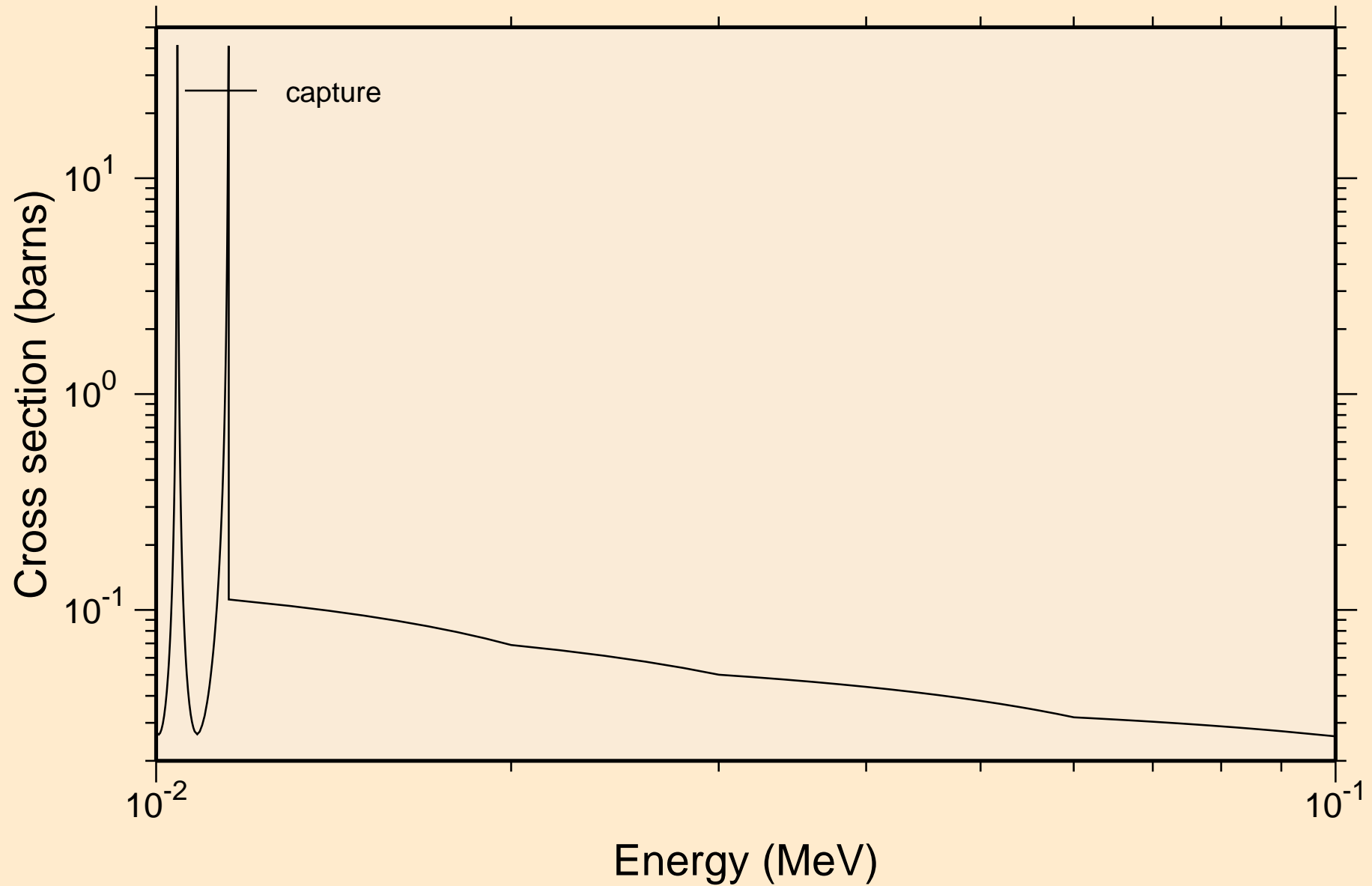
ZR100 NRG TENDL-2015, AKONING  
resonance total cross section



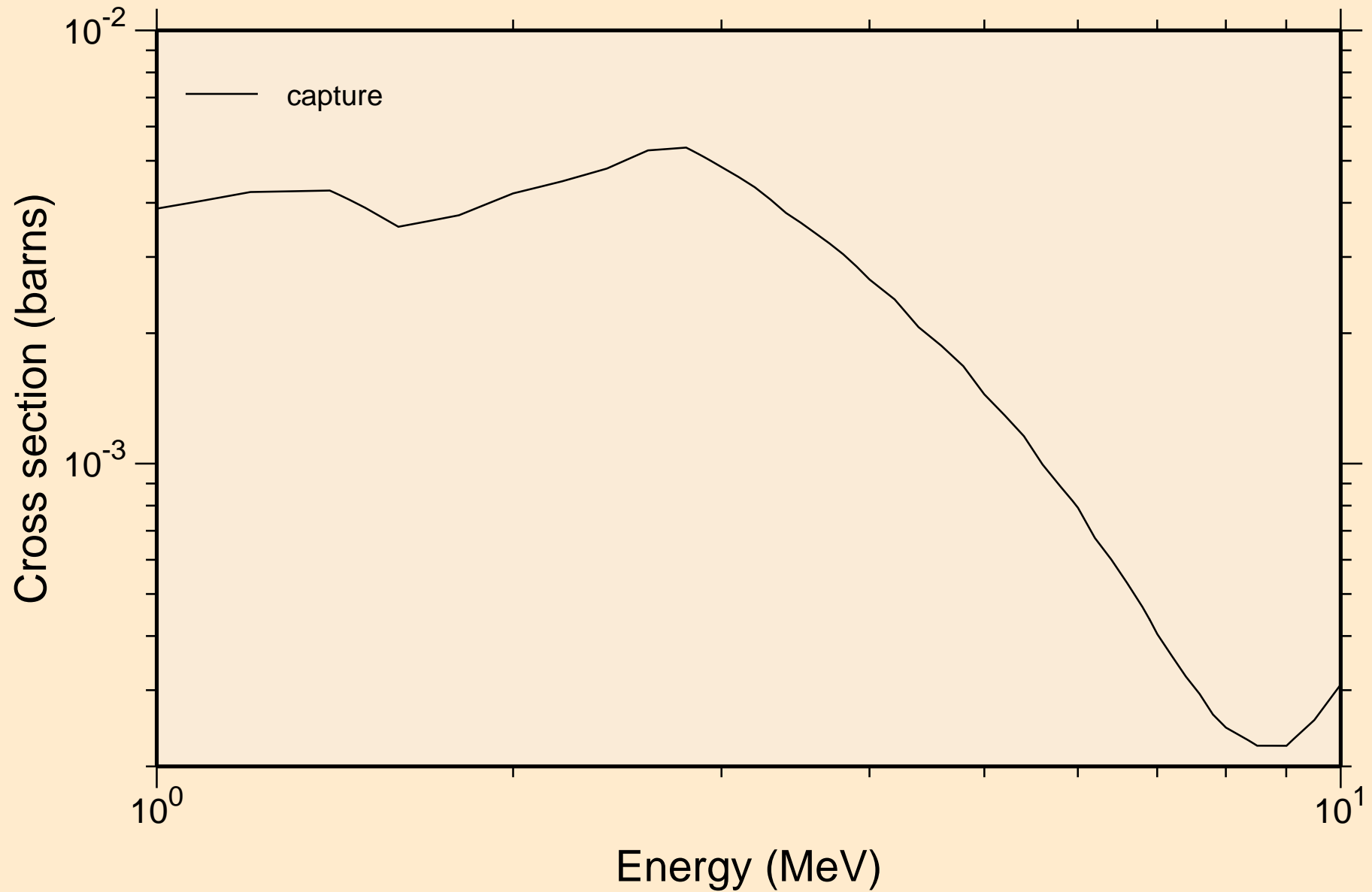
ZR100 NRG TENDL-2015, AKONING  
resonance absorption cross sections



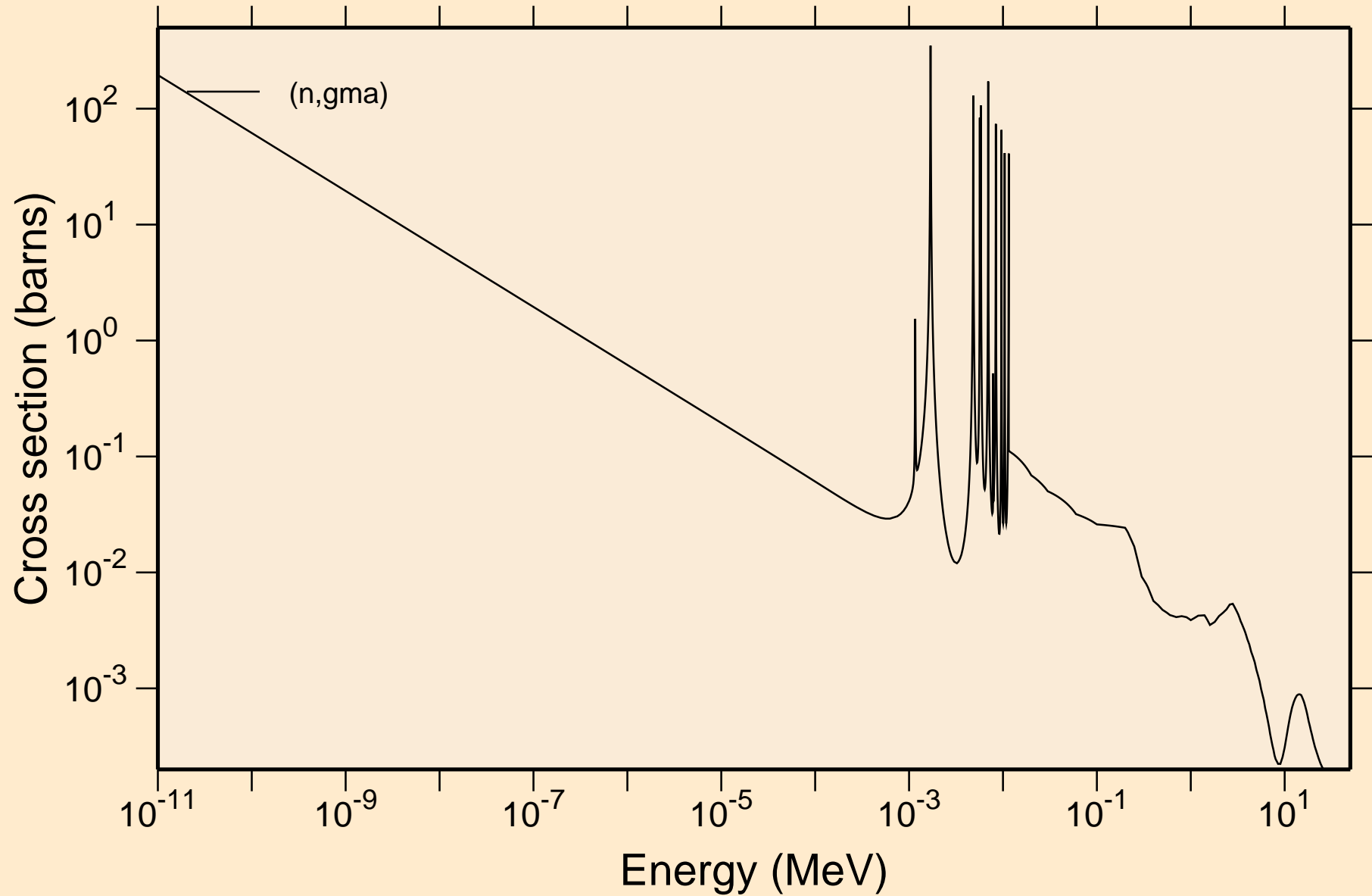
ZR100 NRG TENDL-2015, AKONING  
resonance absorption cross sections



ZR100 NRG TENDL-2015, AKONING  
resonance absorption cross sections



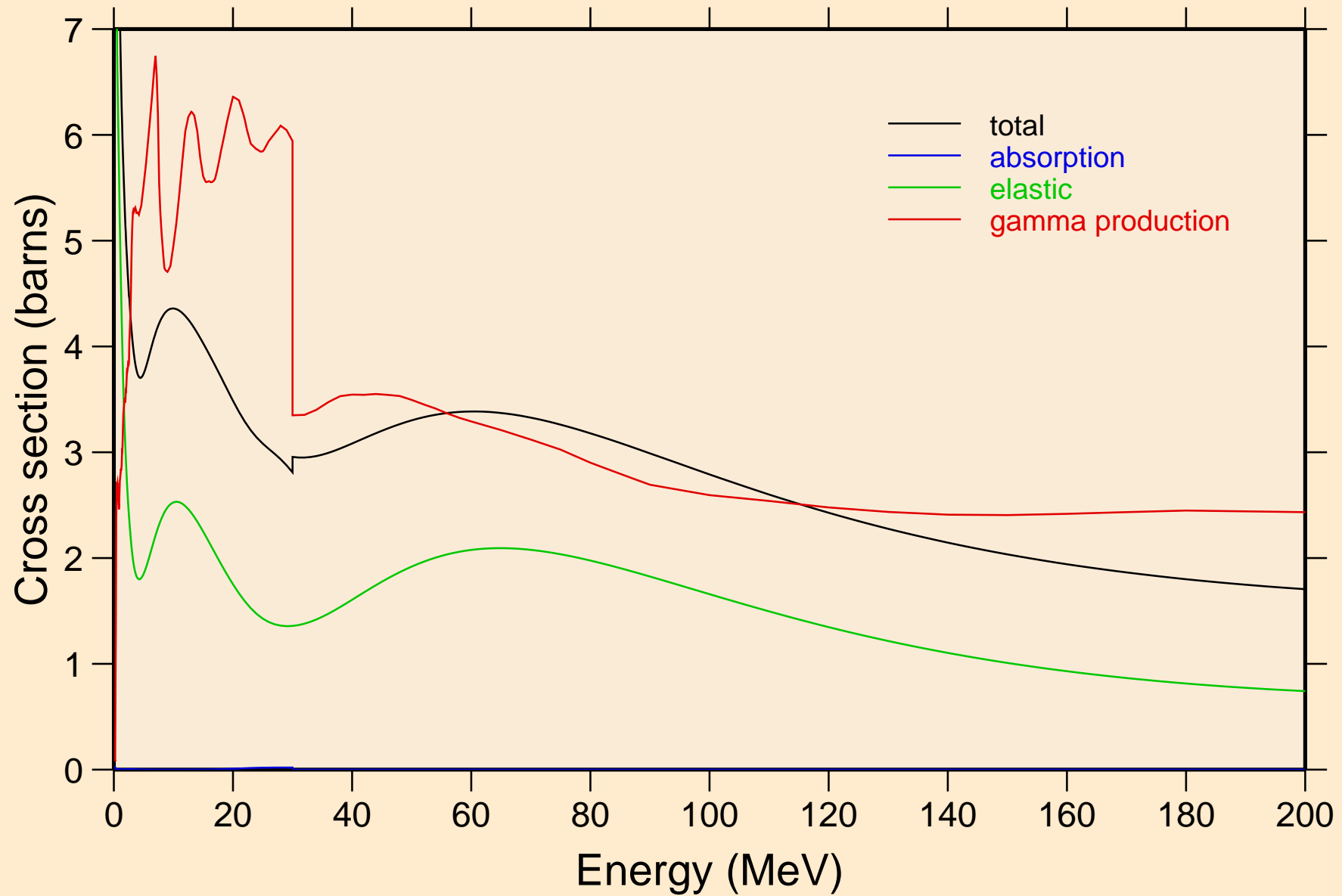
ZR100 NRG TENDL-2015, AKONING  
Non-threshold reactions



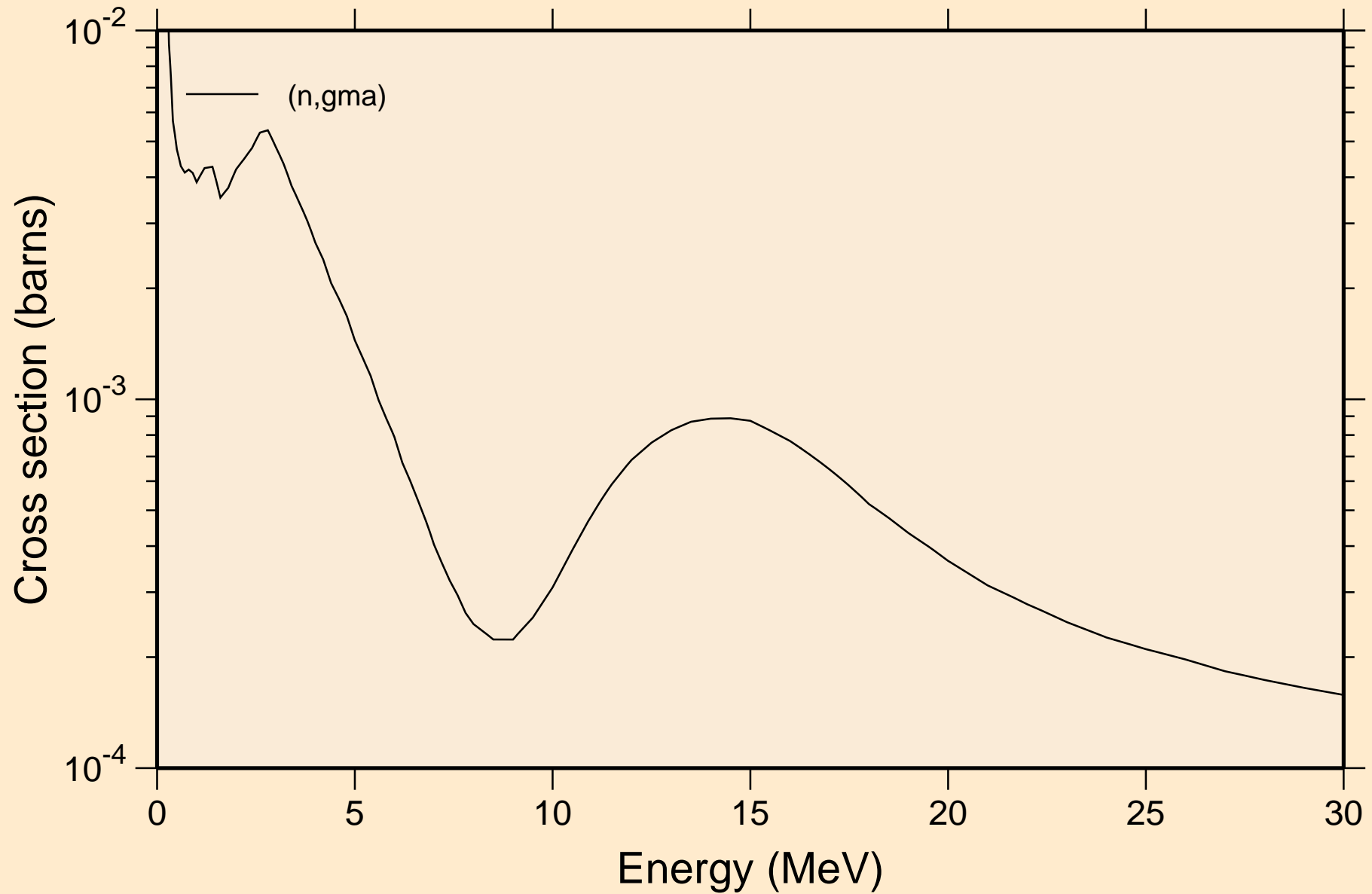


# ZR100 NRG TENDL-2015, AKONING

## Principal cross sections

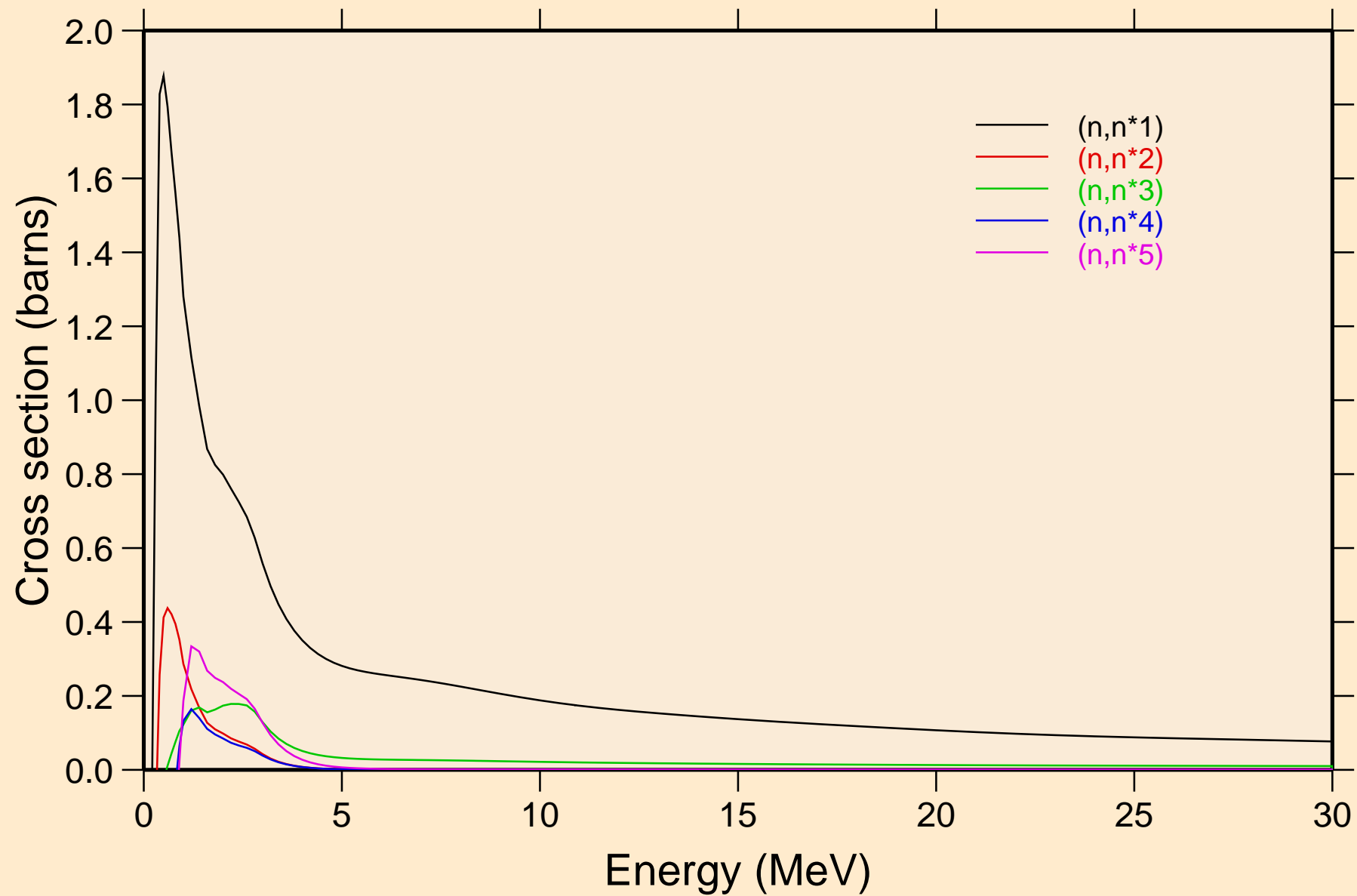


ZR100 NRG TENDL-2015, AKONING  
Non-threshold reactions



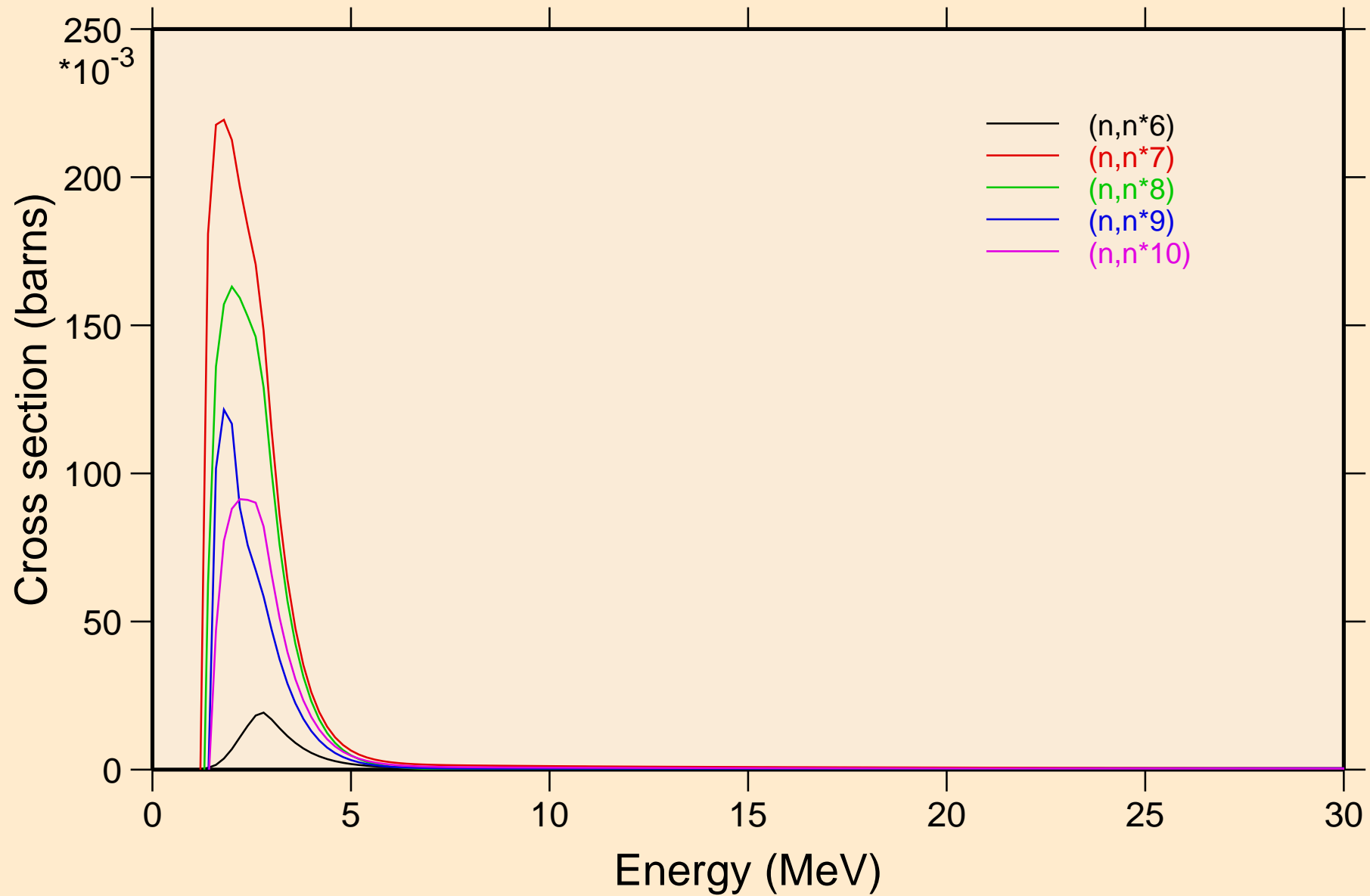
# ZR100 NRG TENDL-2015, AKONING

## Inelastic levels



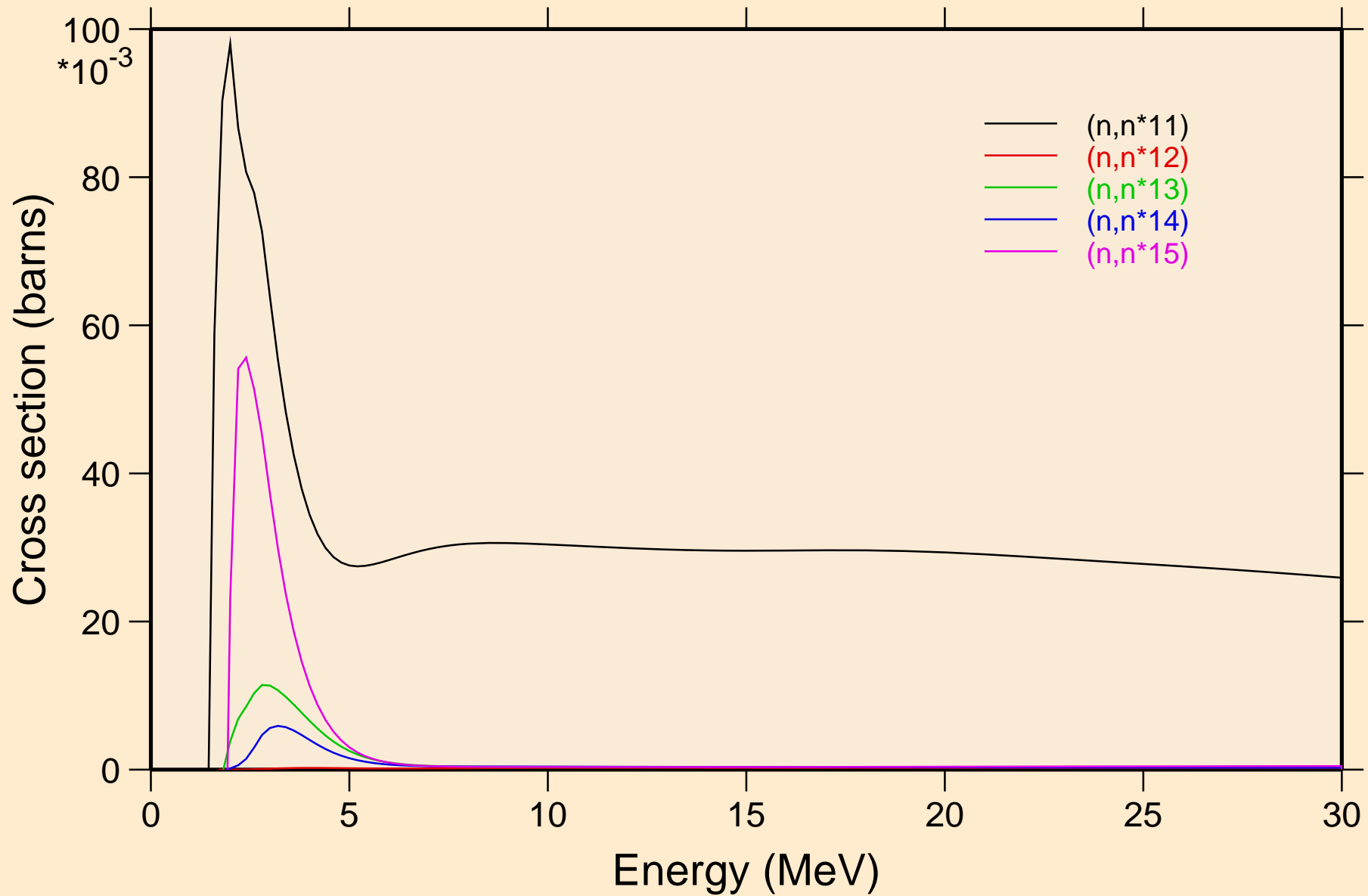
# ZR100 NRG TENDL-2015, AKONING

## Inelastic levels



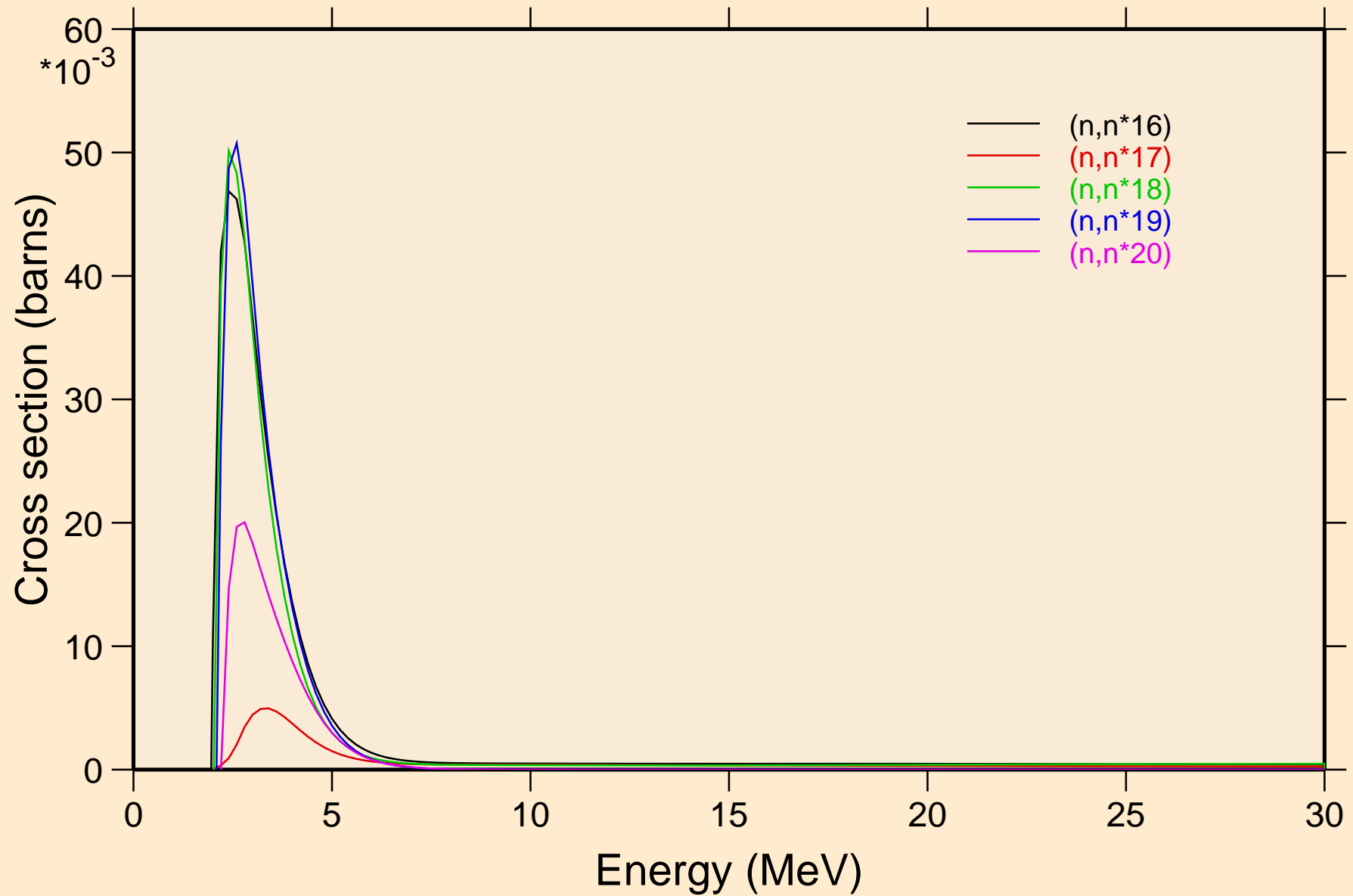
# ZR100 NRG TENDL-2015, AKONING

## Inelastic levels



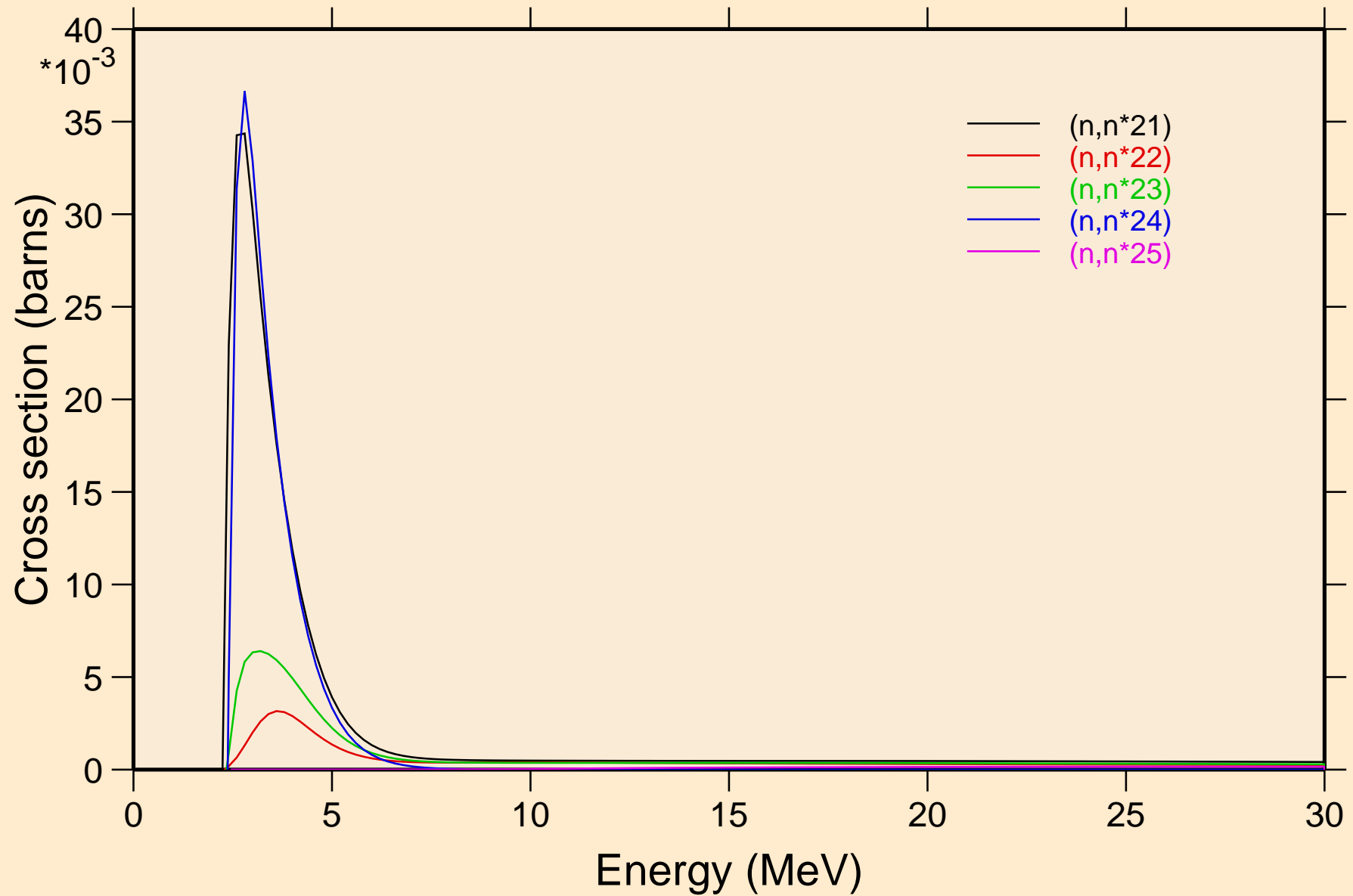
# ZR100 NRG TENDL-2015, AKONING

## Inelastic levels



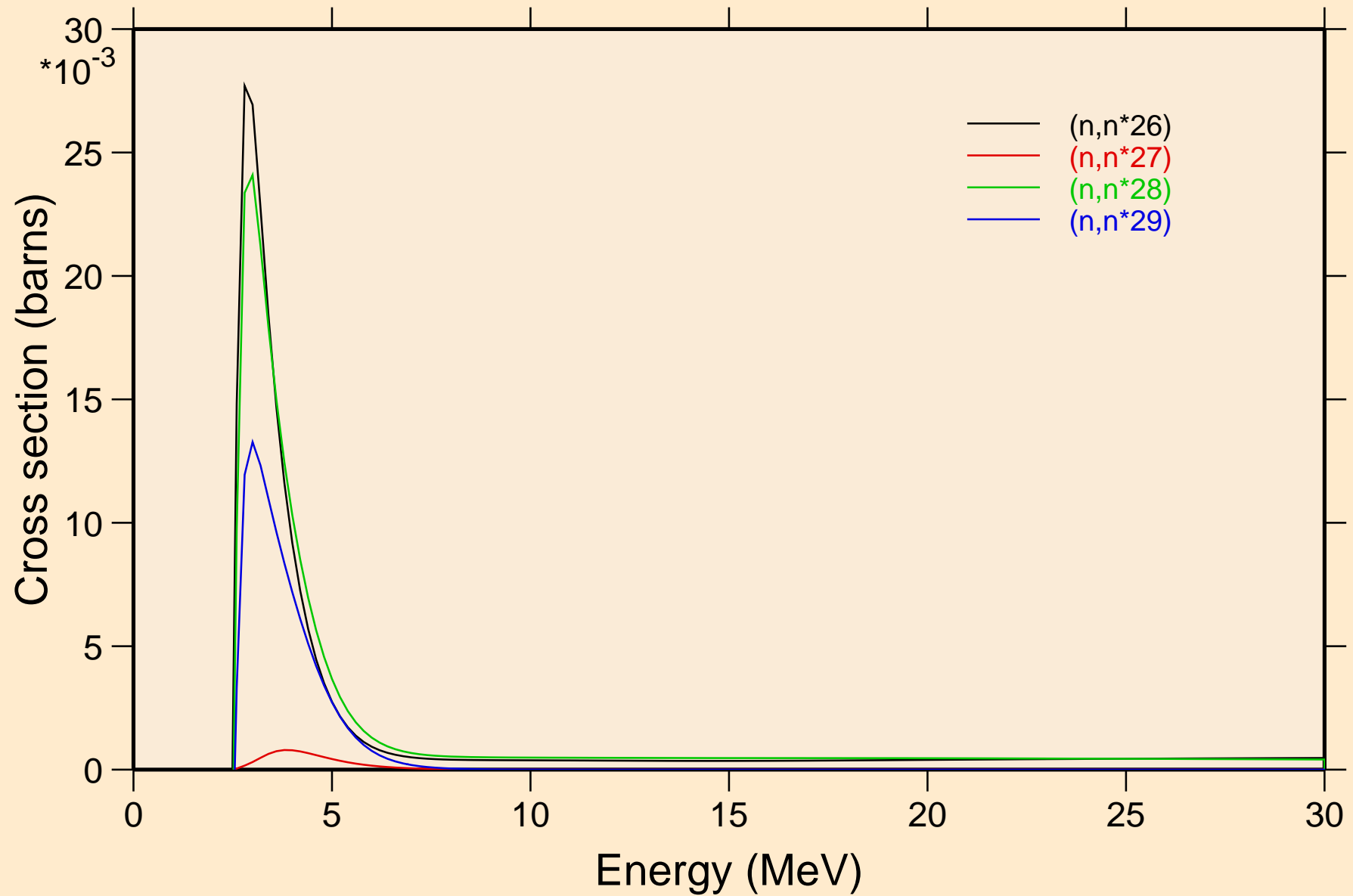
# ZR100 NRG TENDL-2015, AKONING

## Inelastic levels



# ZR100 NRG TENDL-2015, AKONING

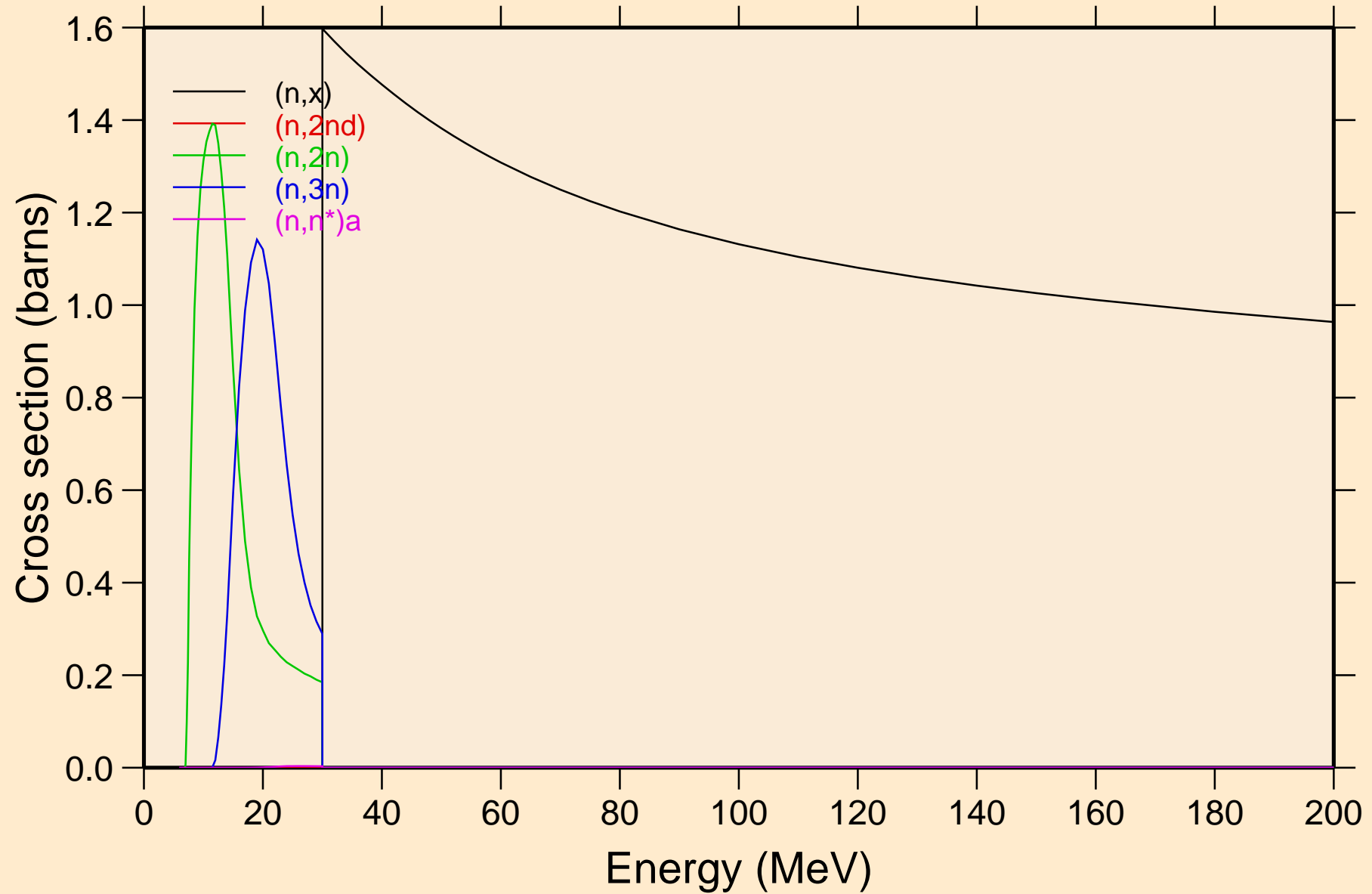
## Inelastic levels





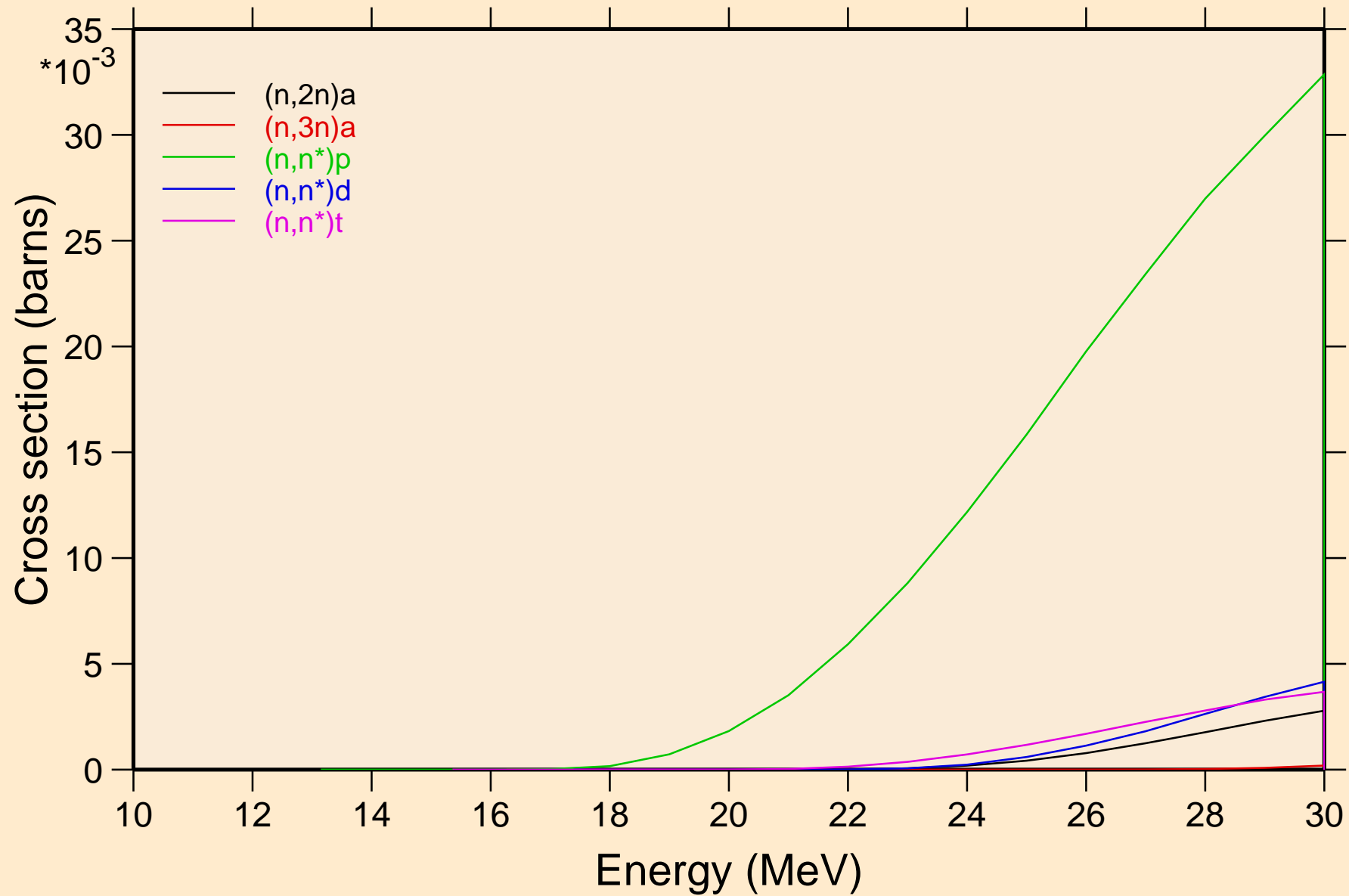
# ZR100 NRG TENDL-2015, AKONING

## Threshold reactions



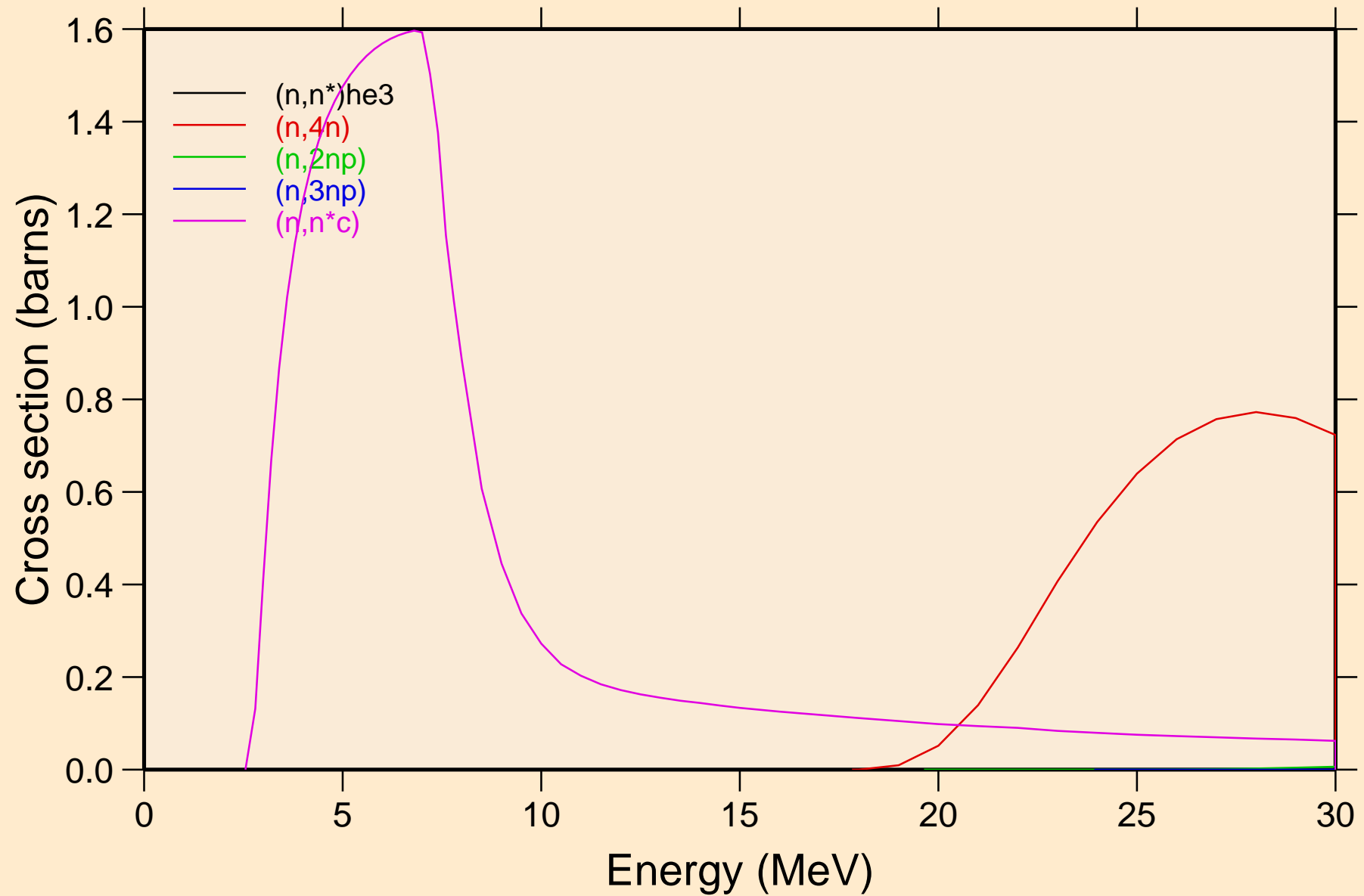
# ZR100 NRG TENDL-2015, AKONING

## Threshold reactions



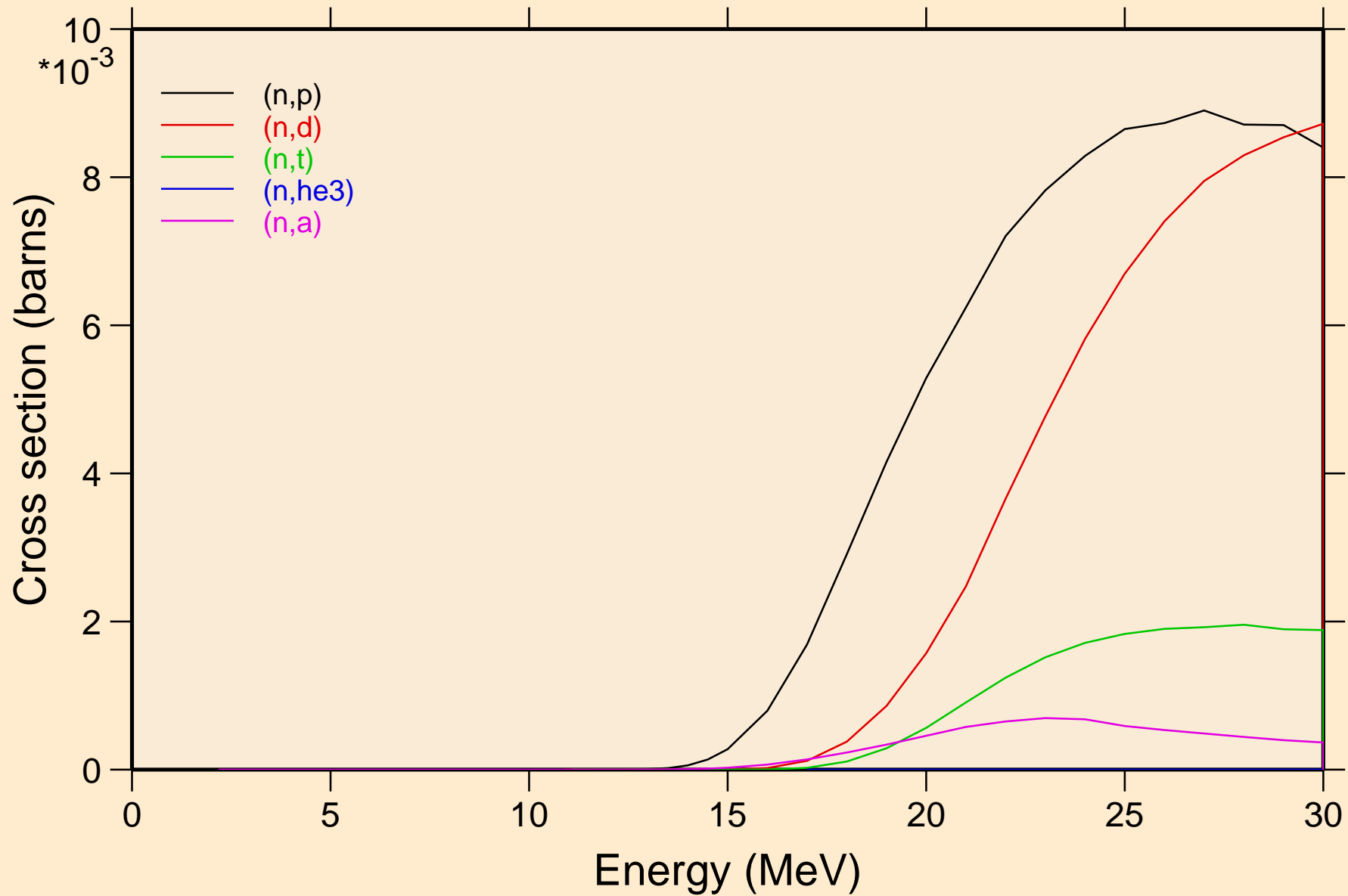
# ZR100 NRG TENDL-2015, AKONING

## Threshold reactions

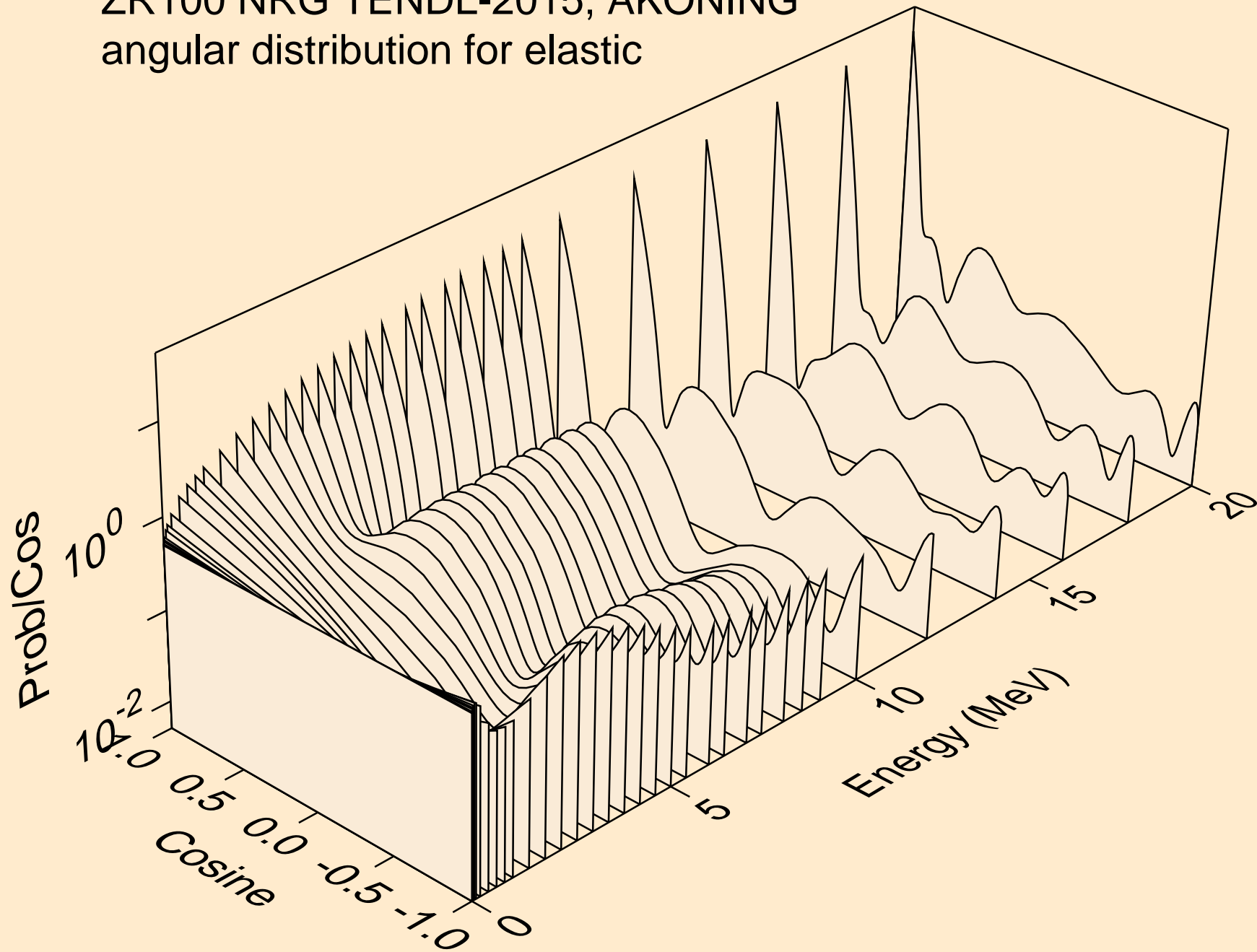


# ZR100 NRG TENDL-2015, AKONING

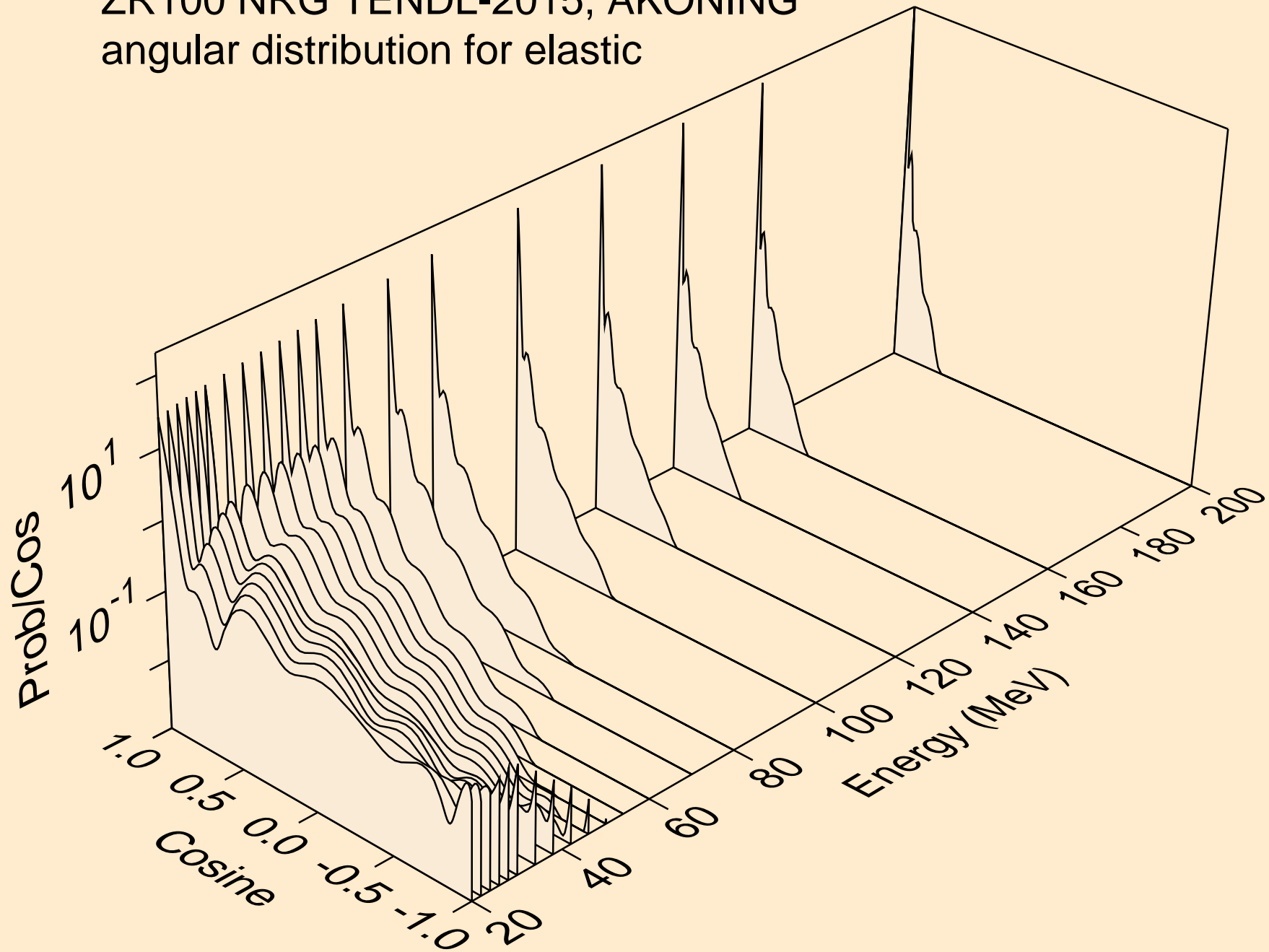
## Threshold reactions



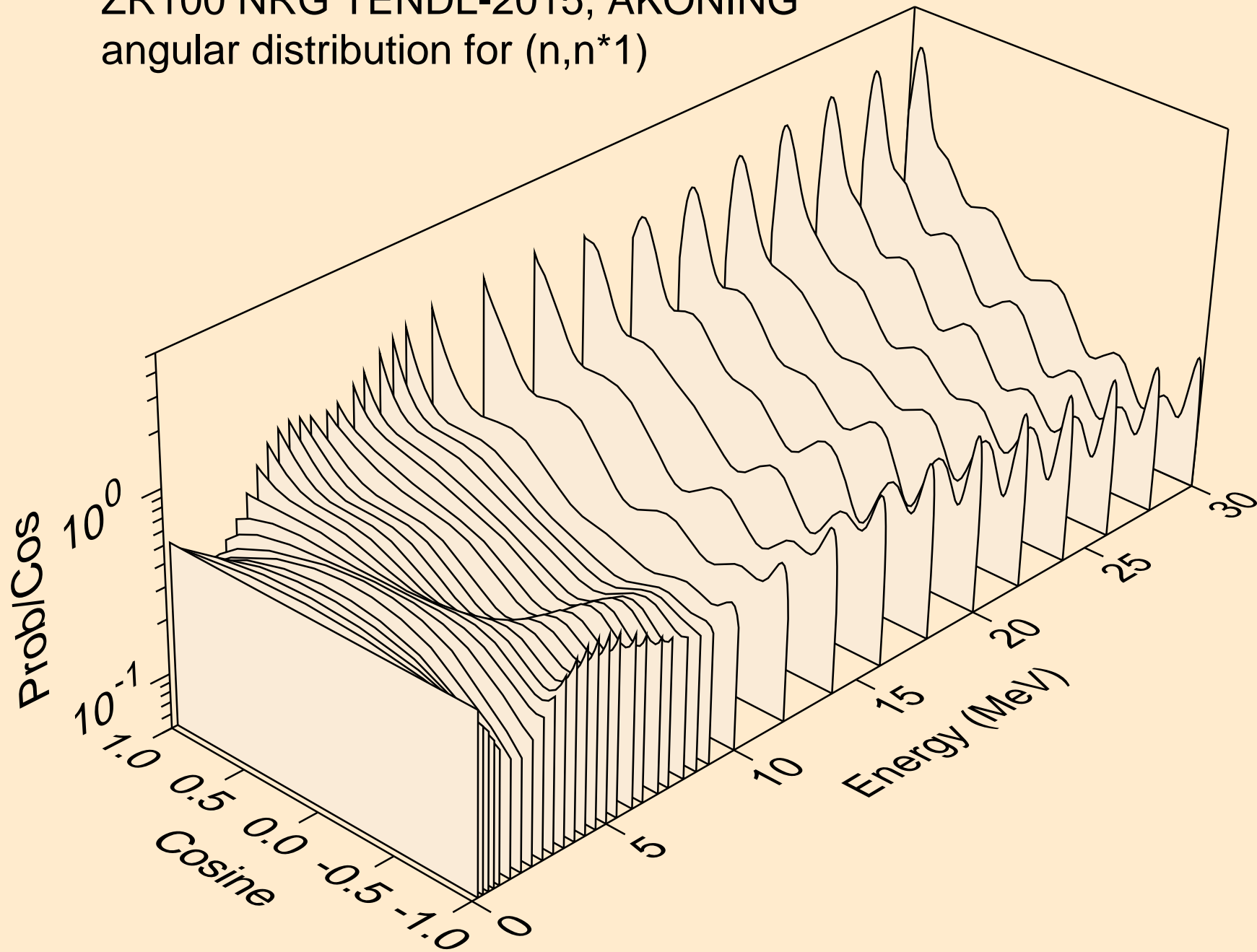
ZR100 NRG TENDL-2015, AKONING  
angular distribution for elastic



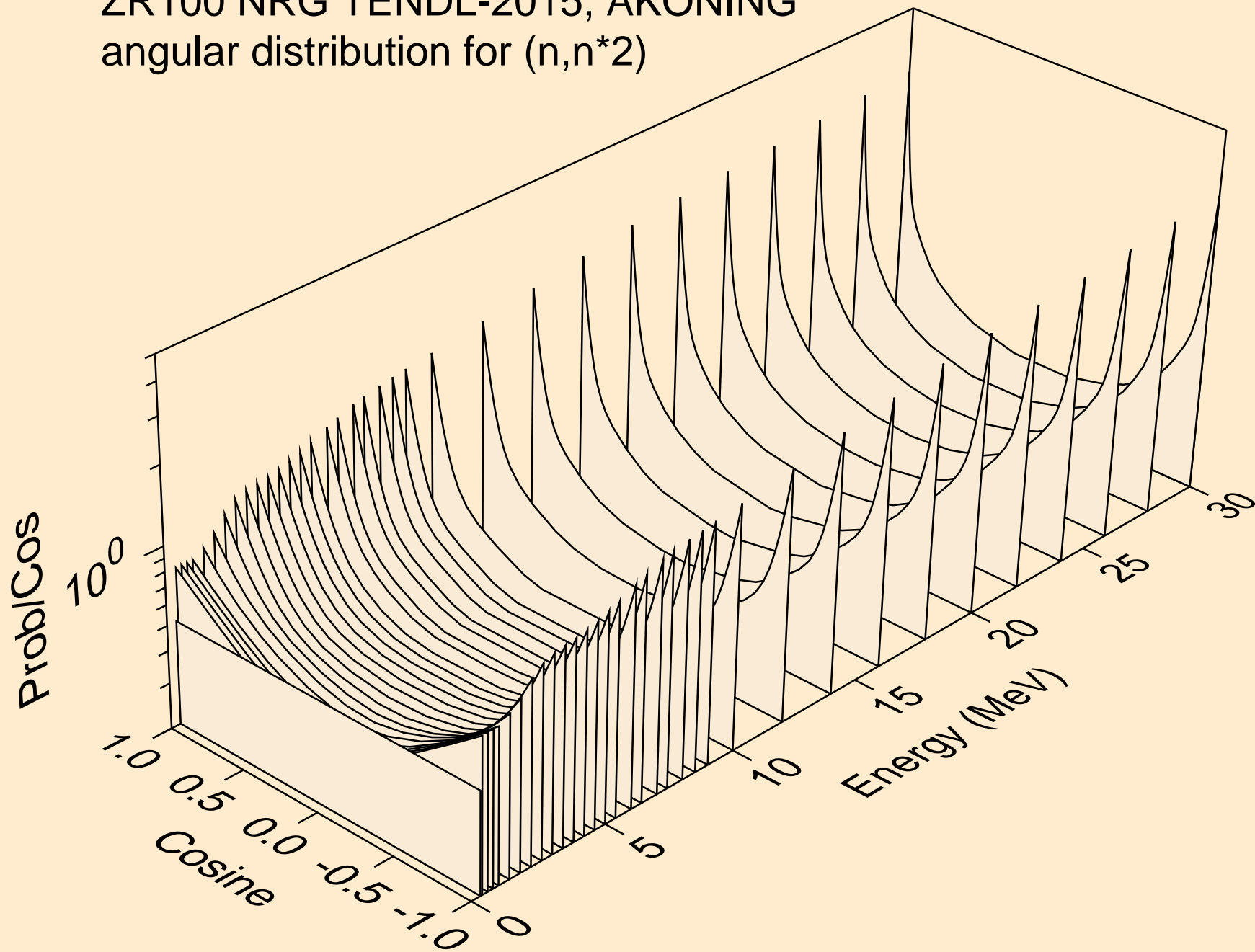
ZR100 NRG TENDL-2015, AKONING  
angular distribution for elastic



ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

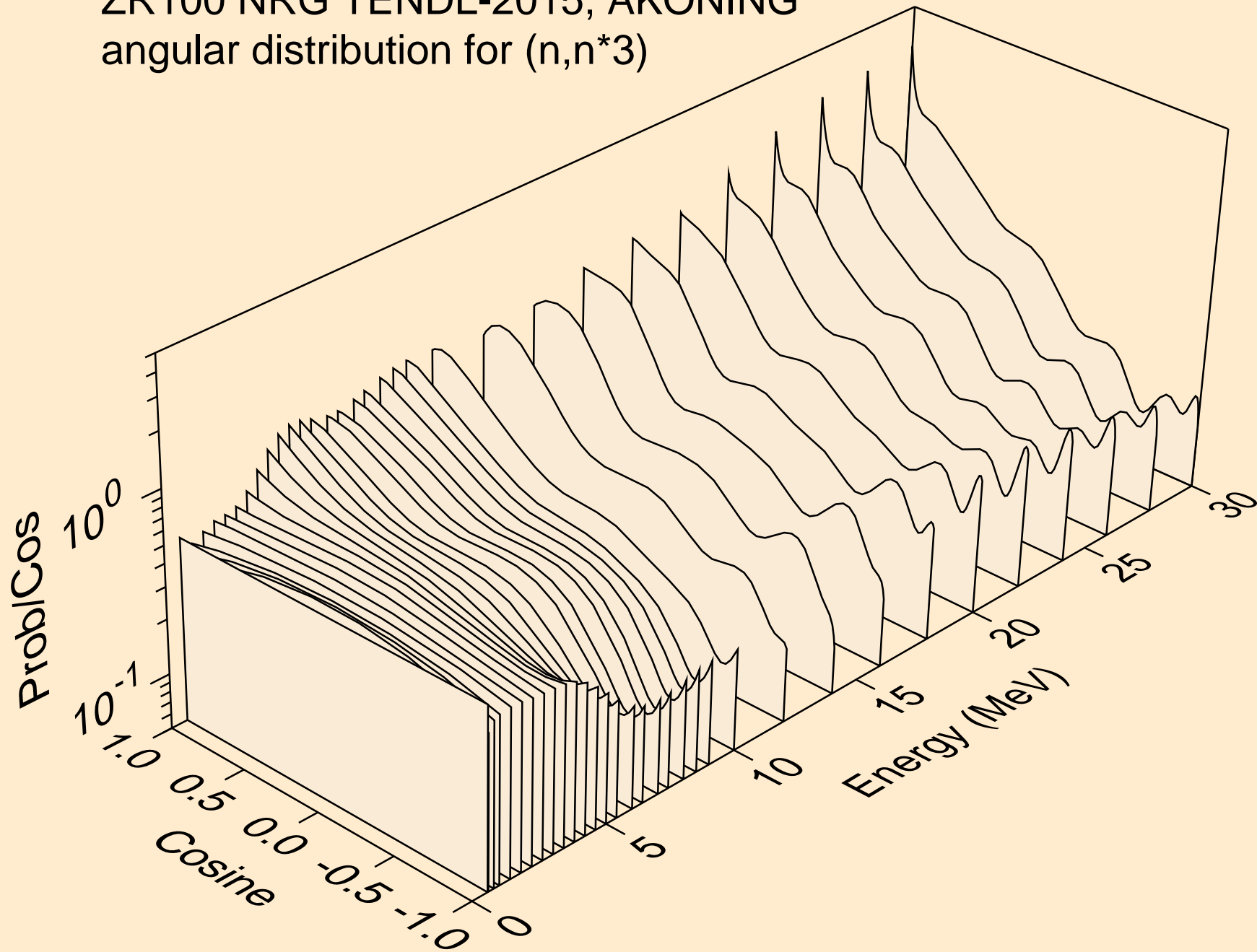


ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

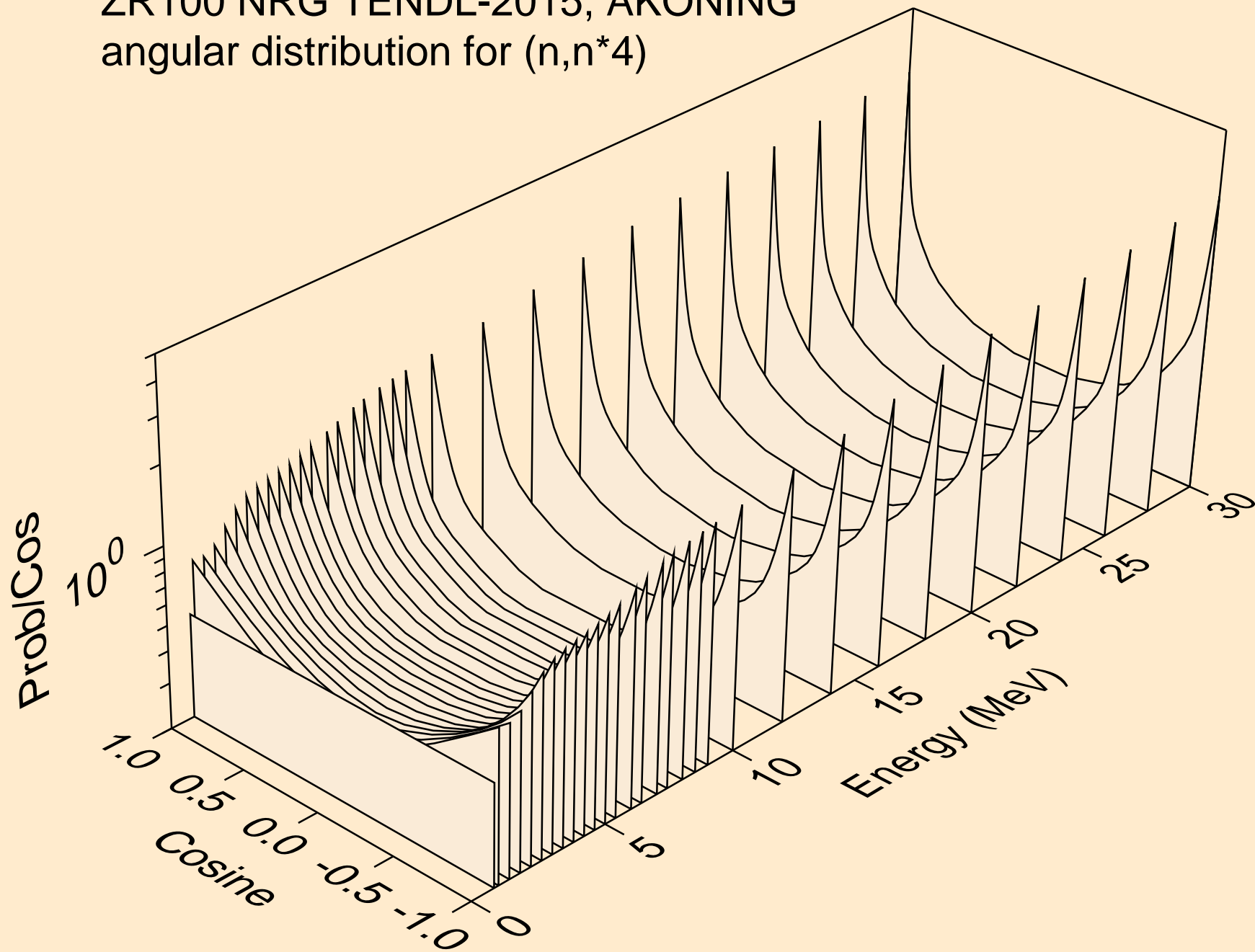




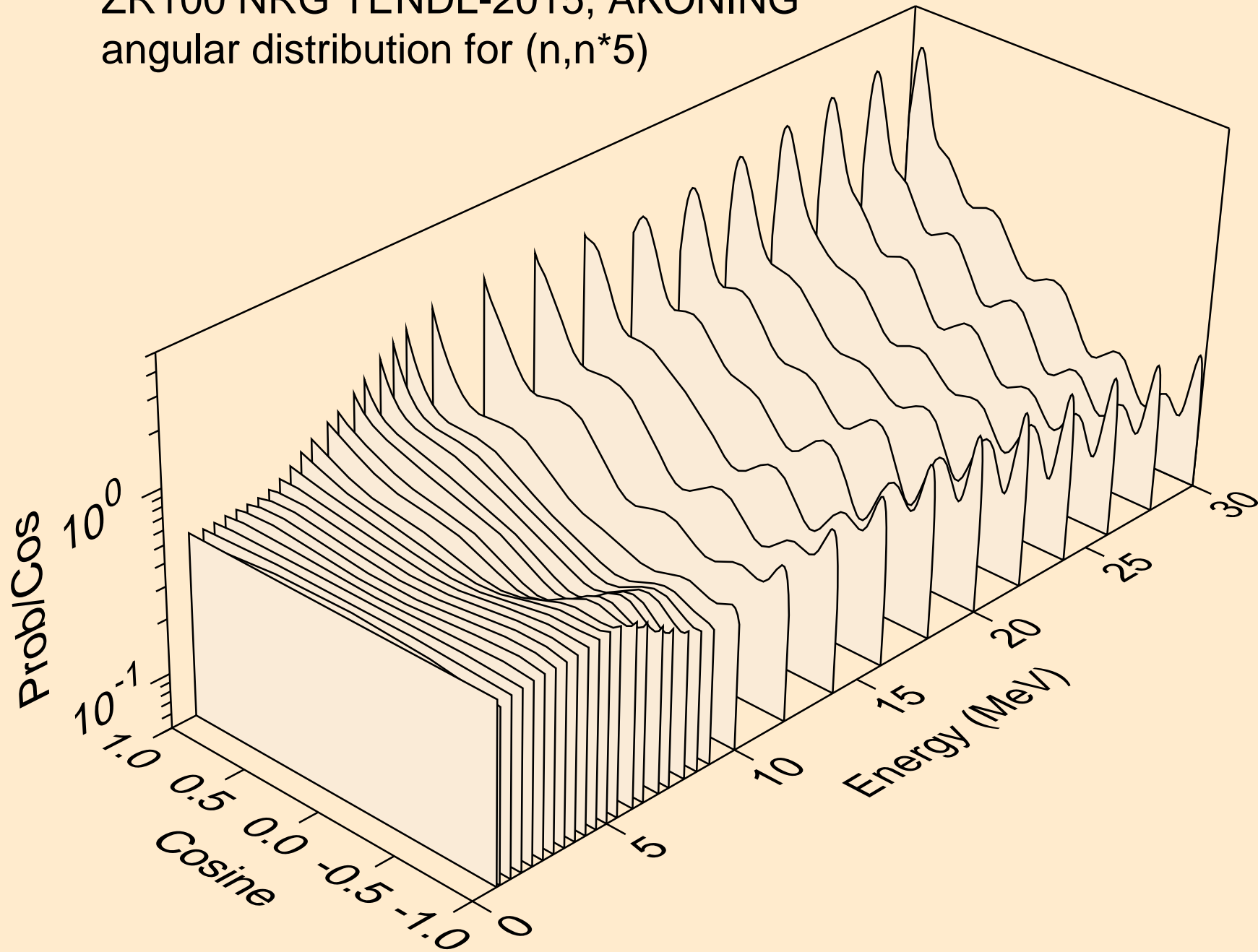
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



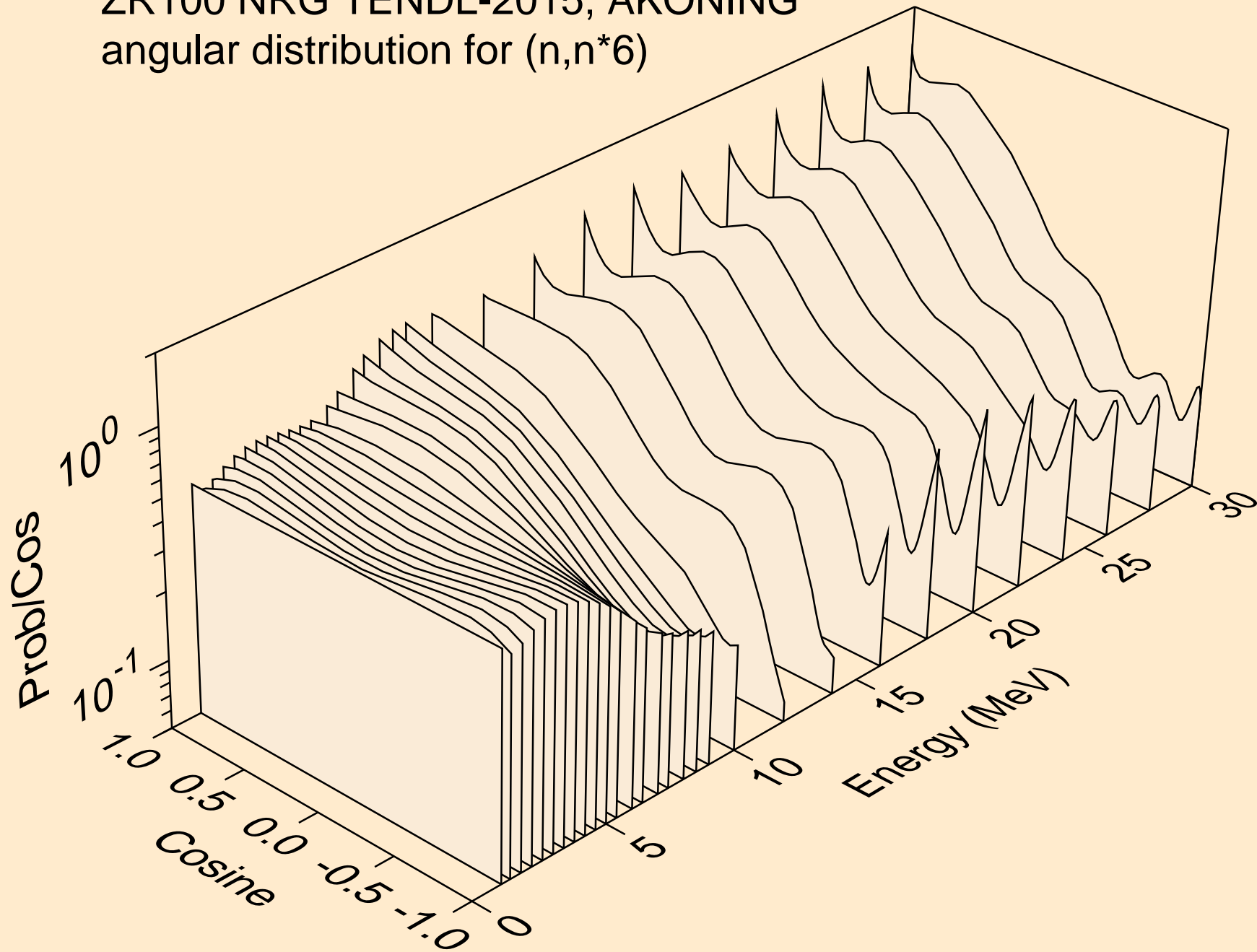
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



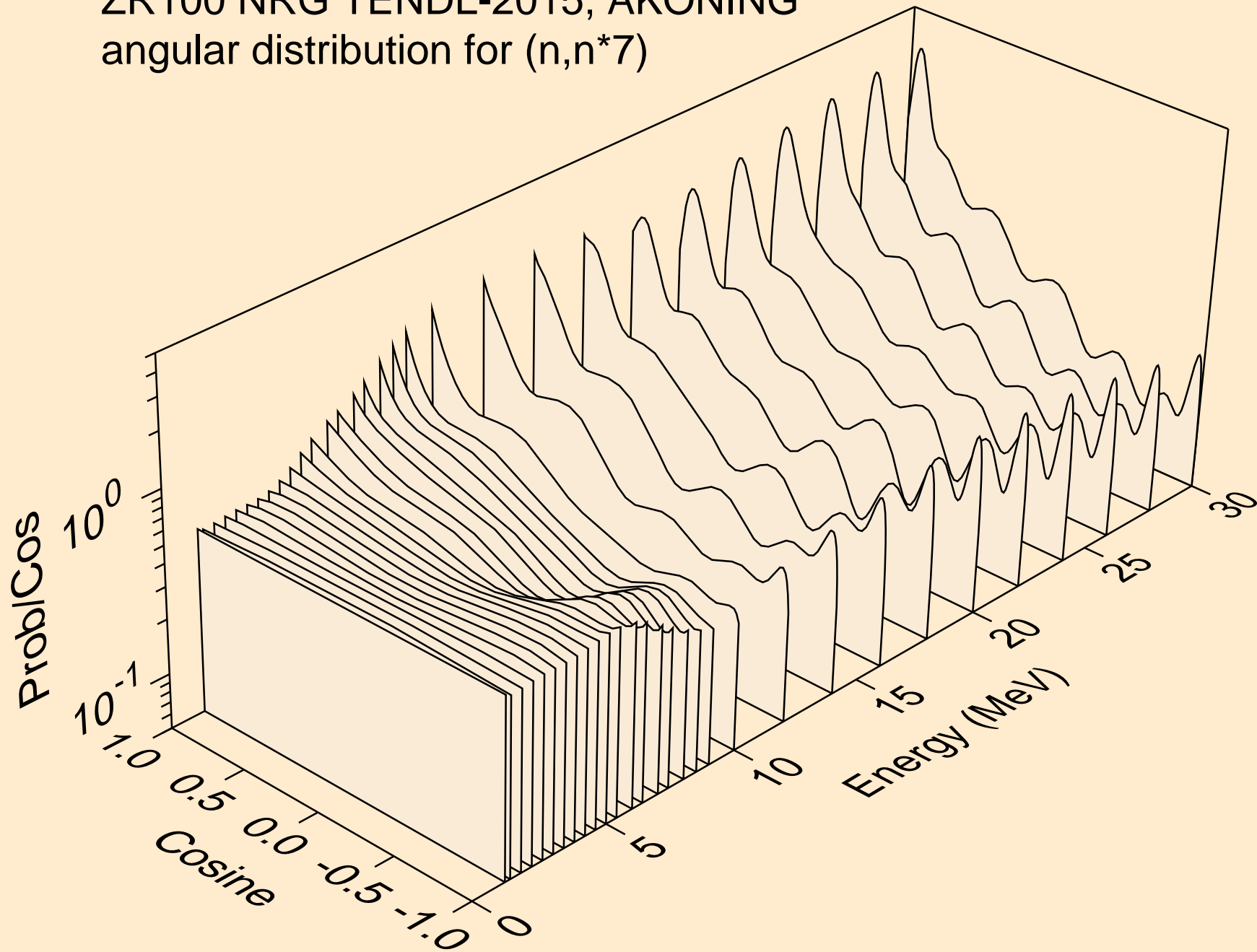
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



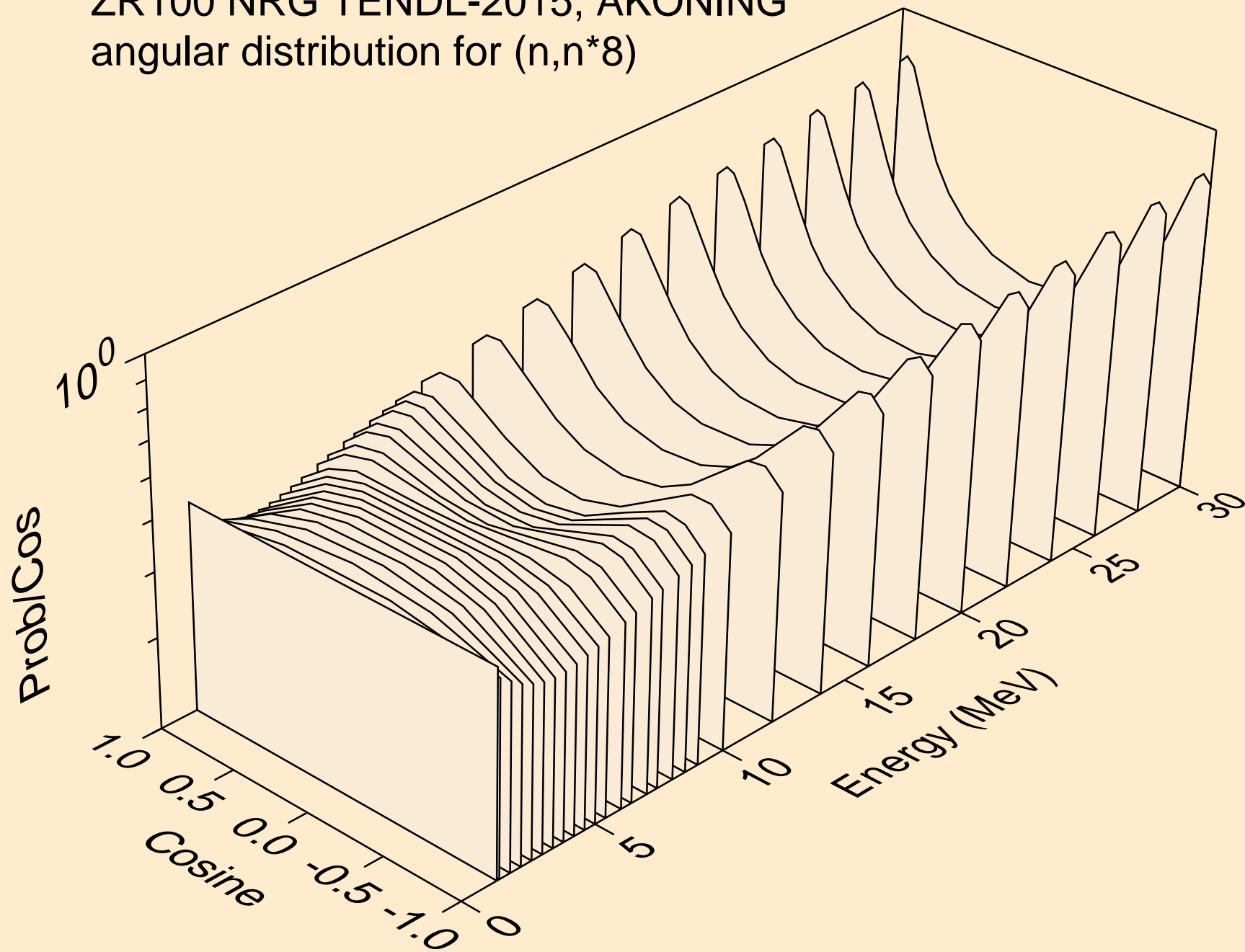
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



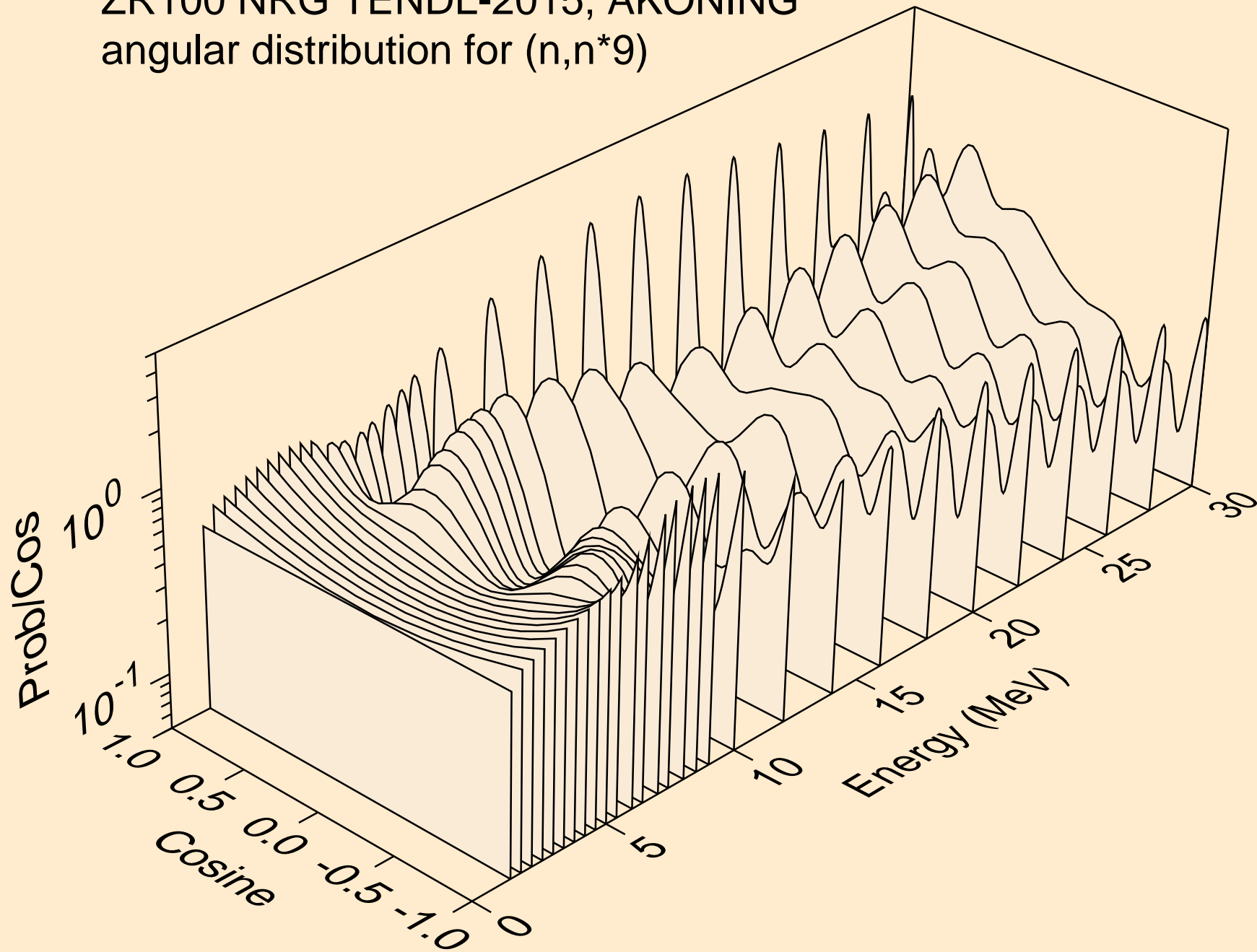
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



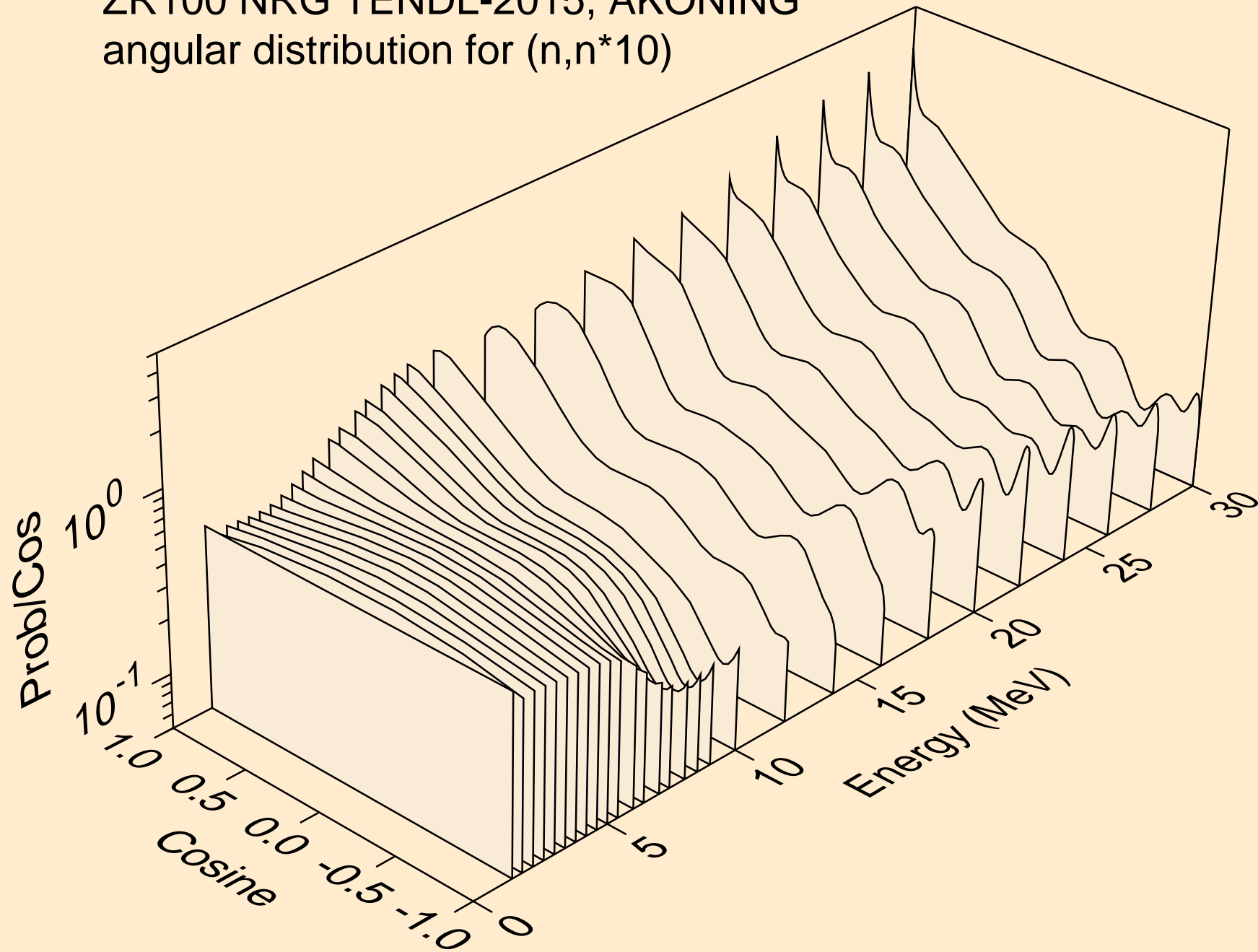
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

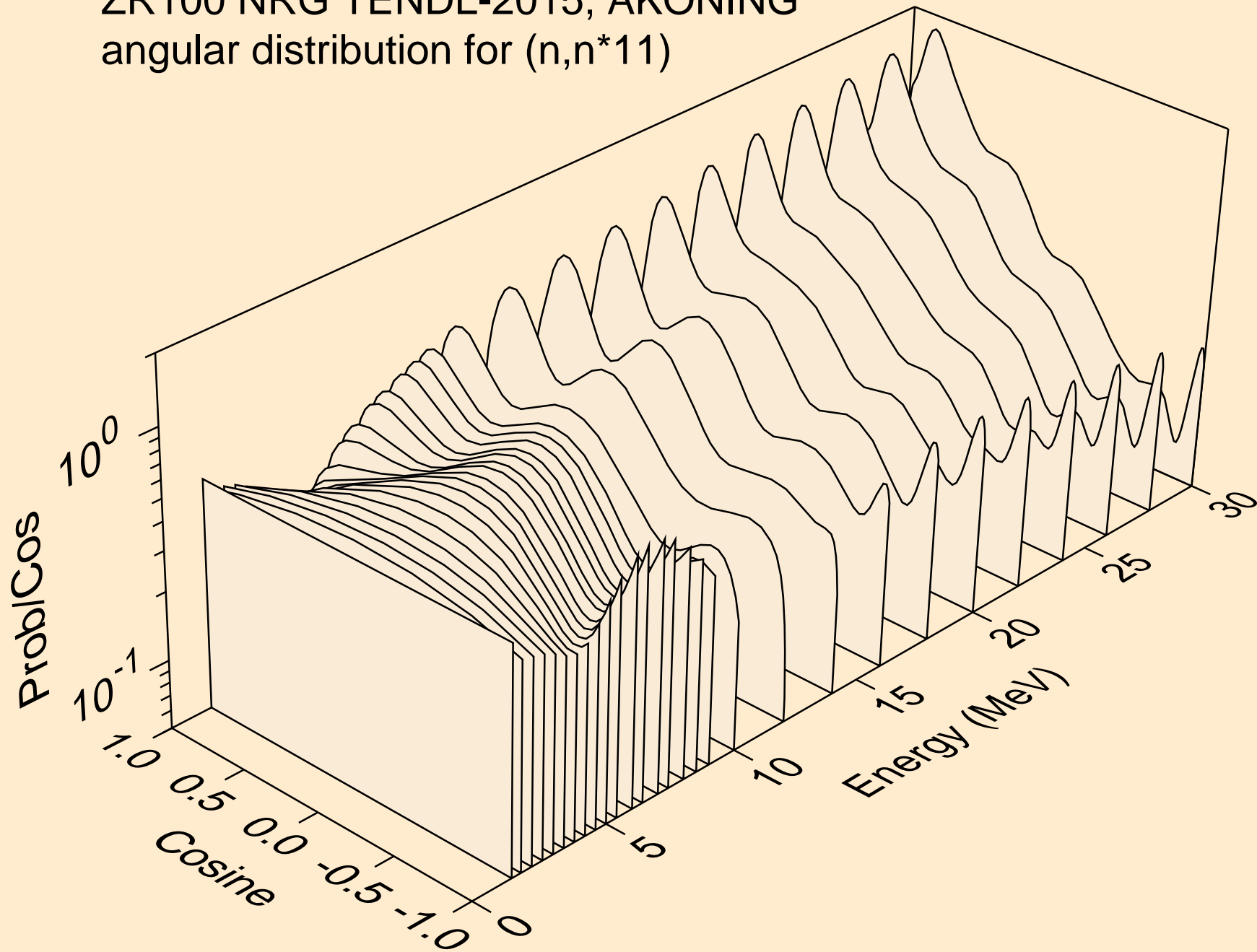


ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

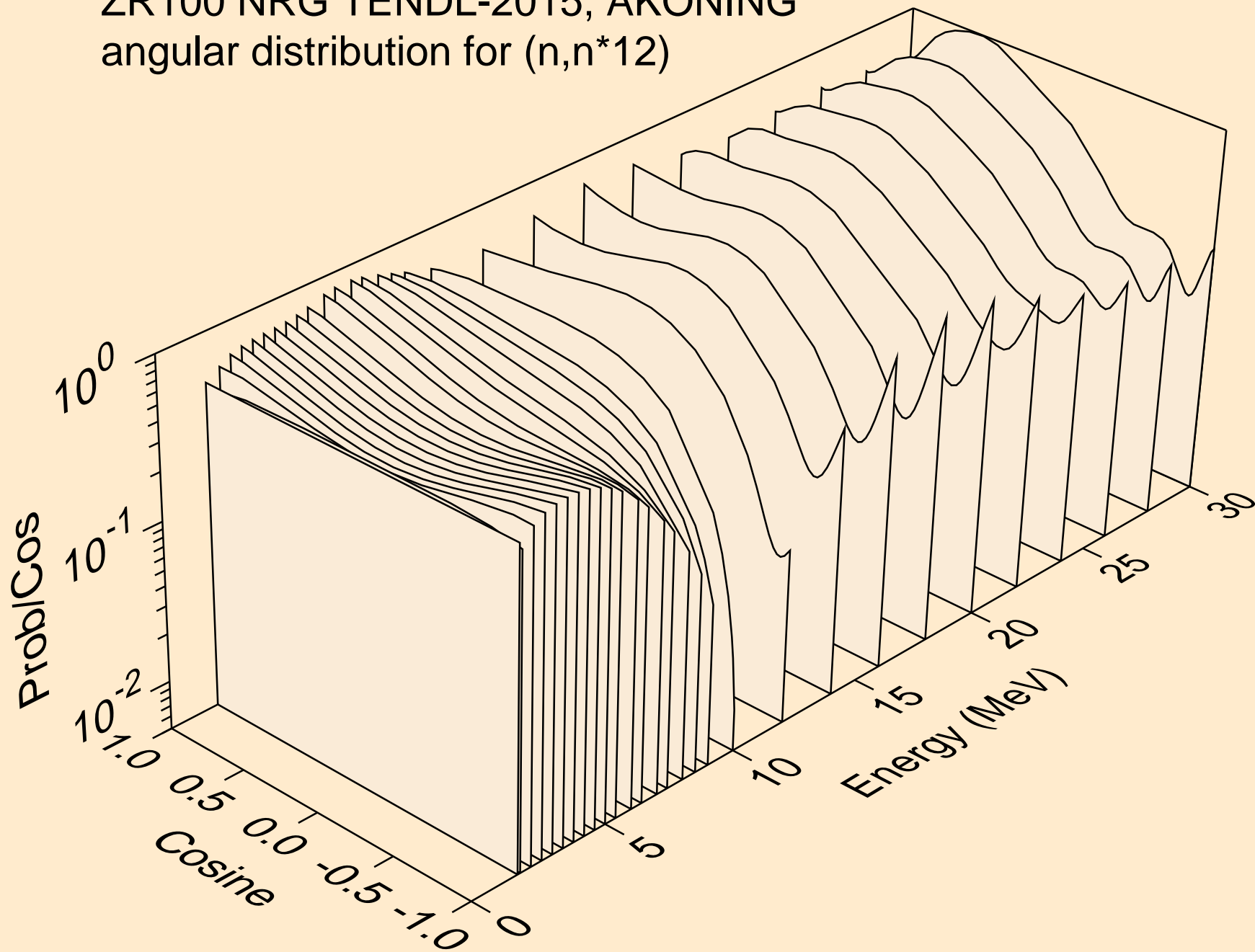




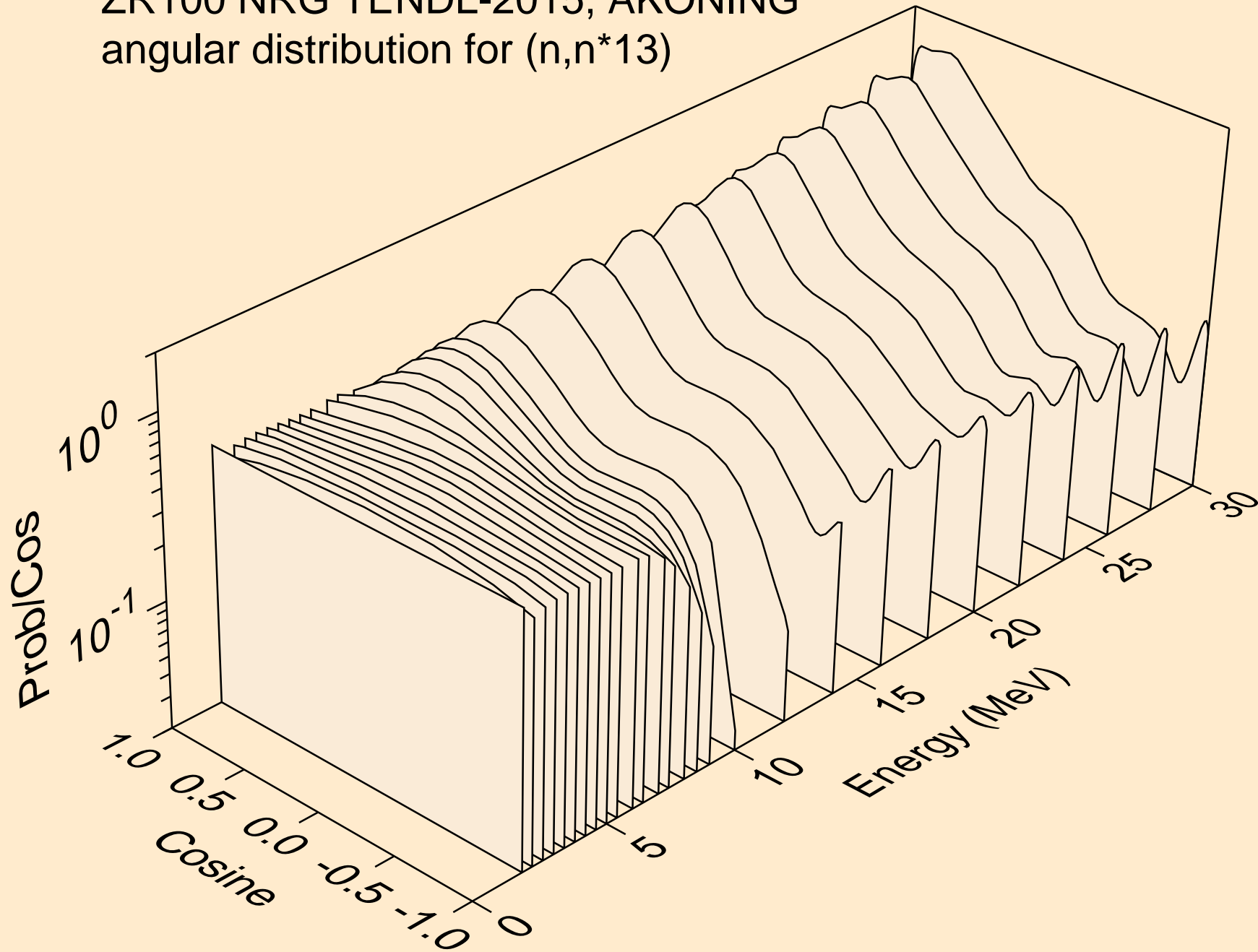
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



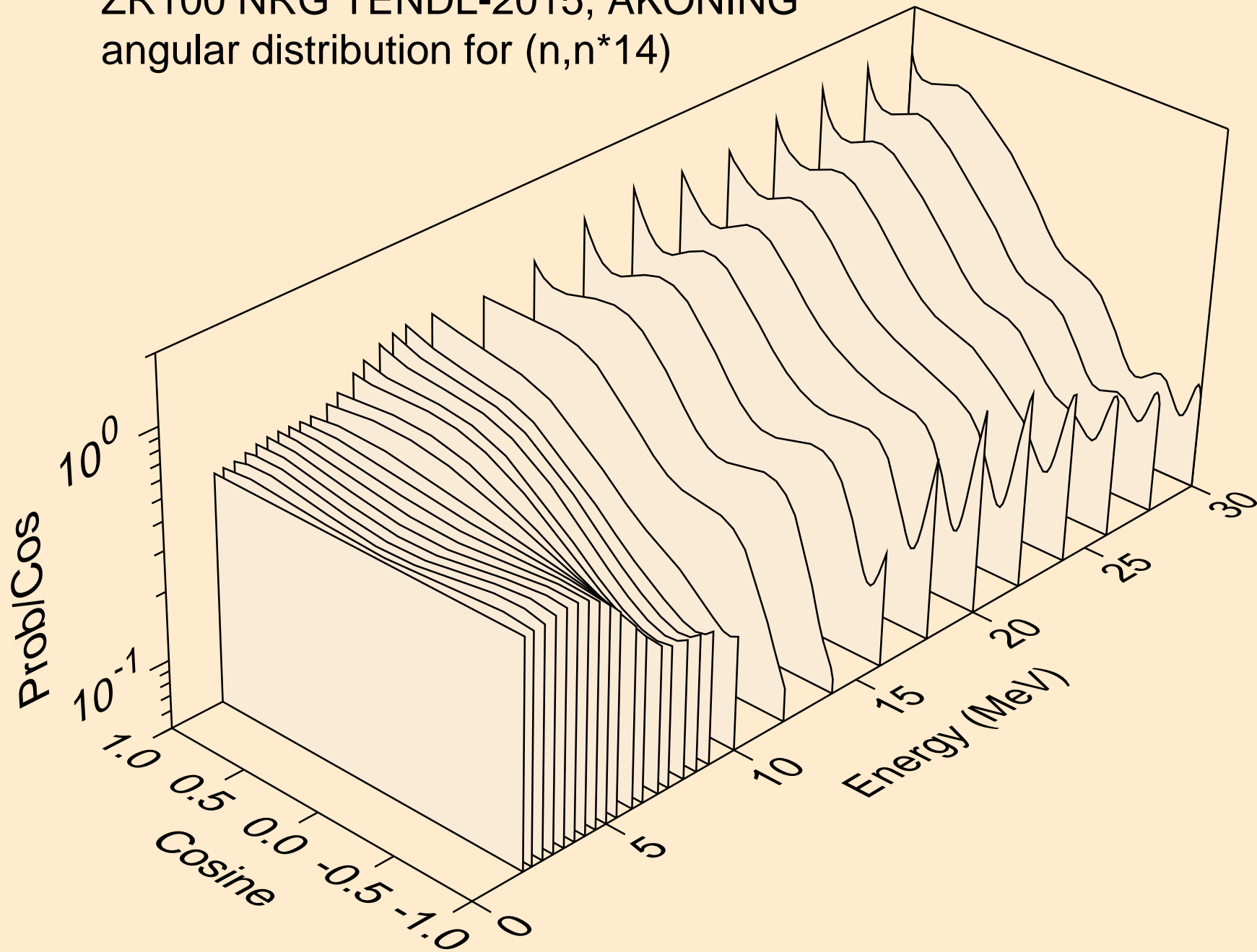
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



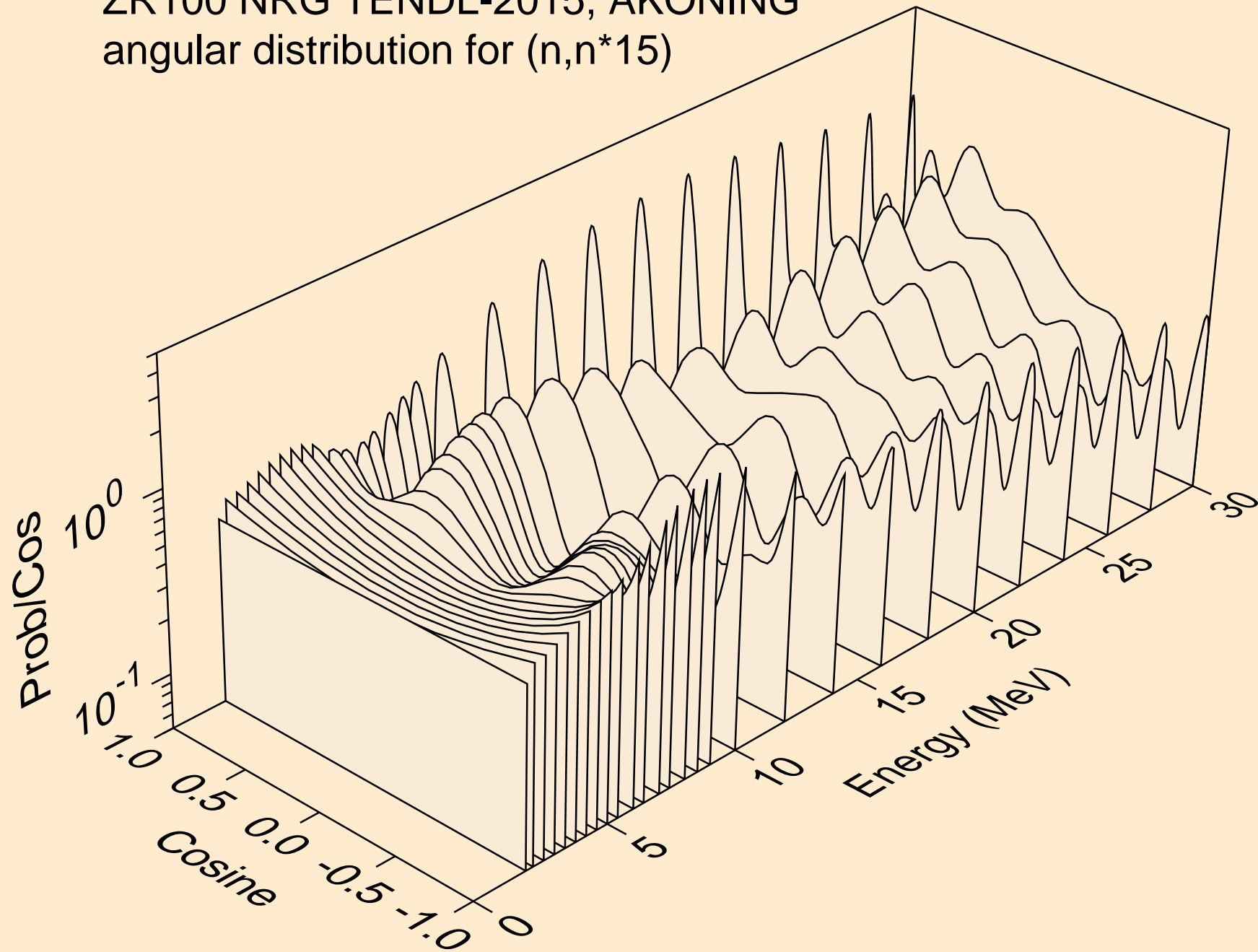
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



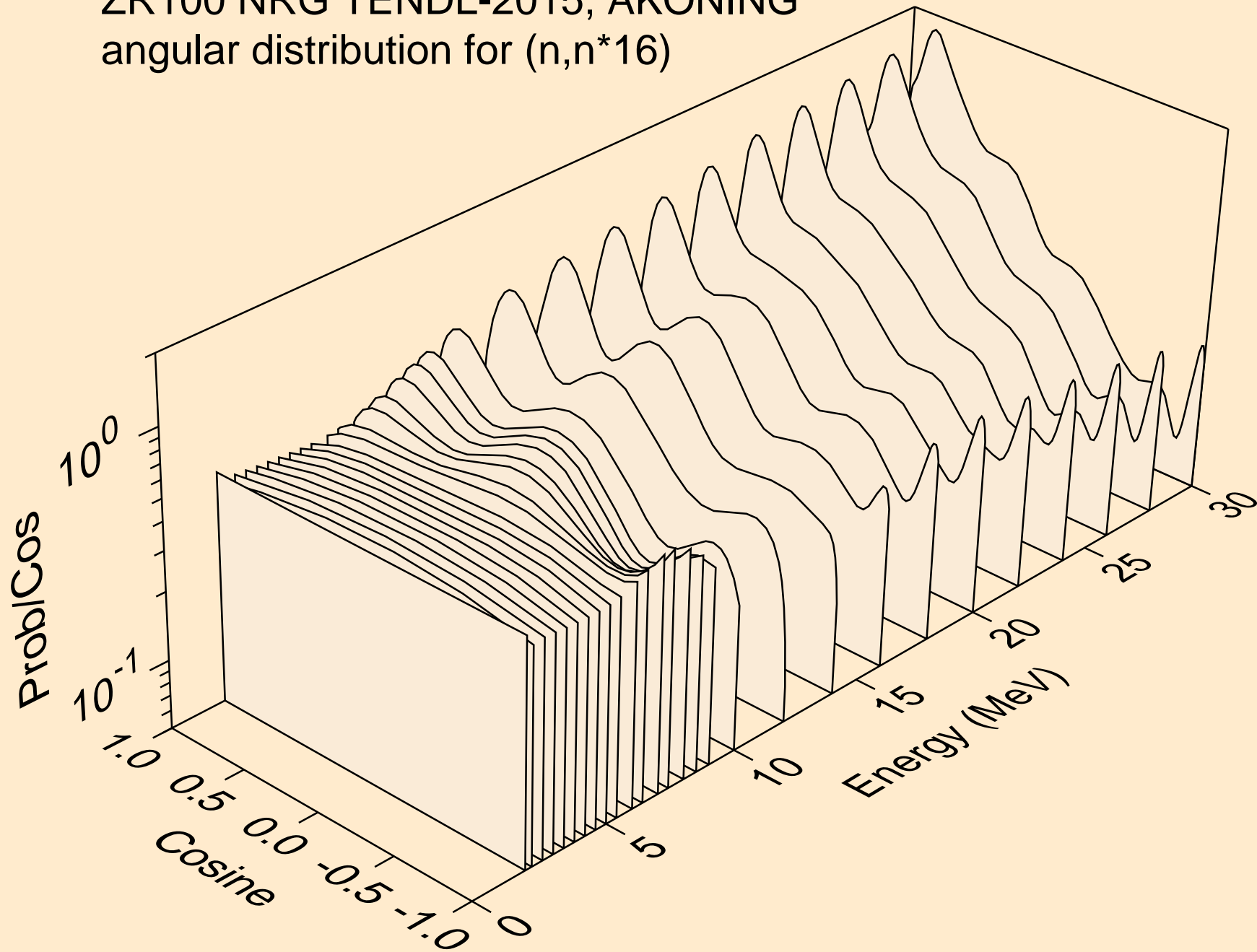
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



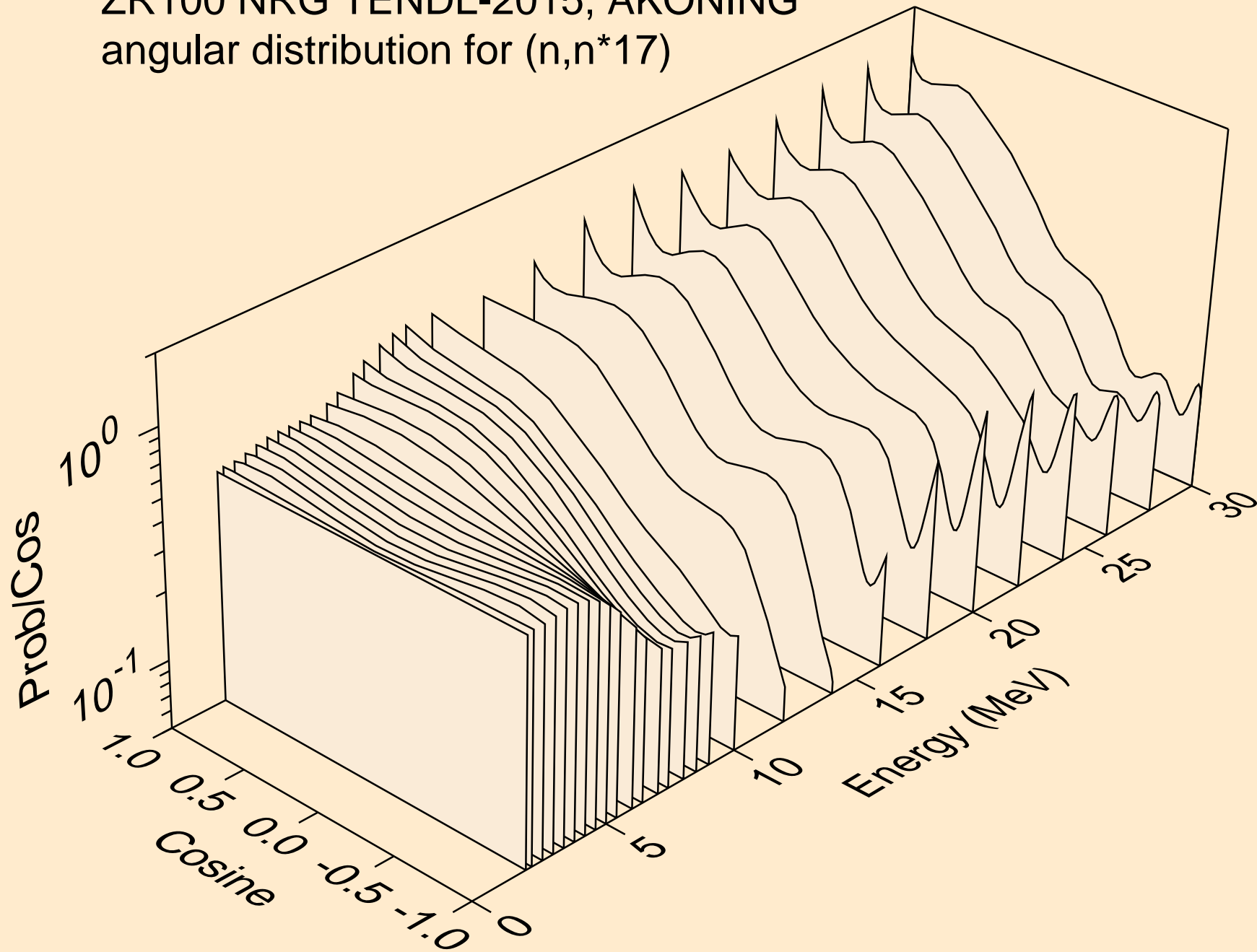
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



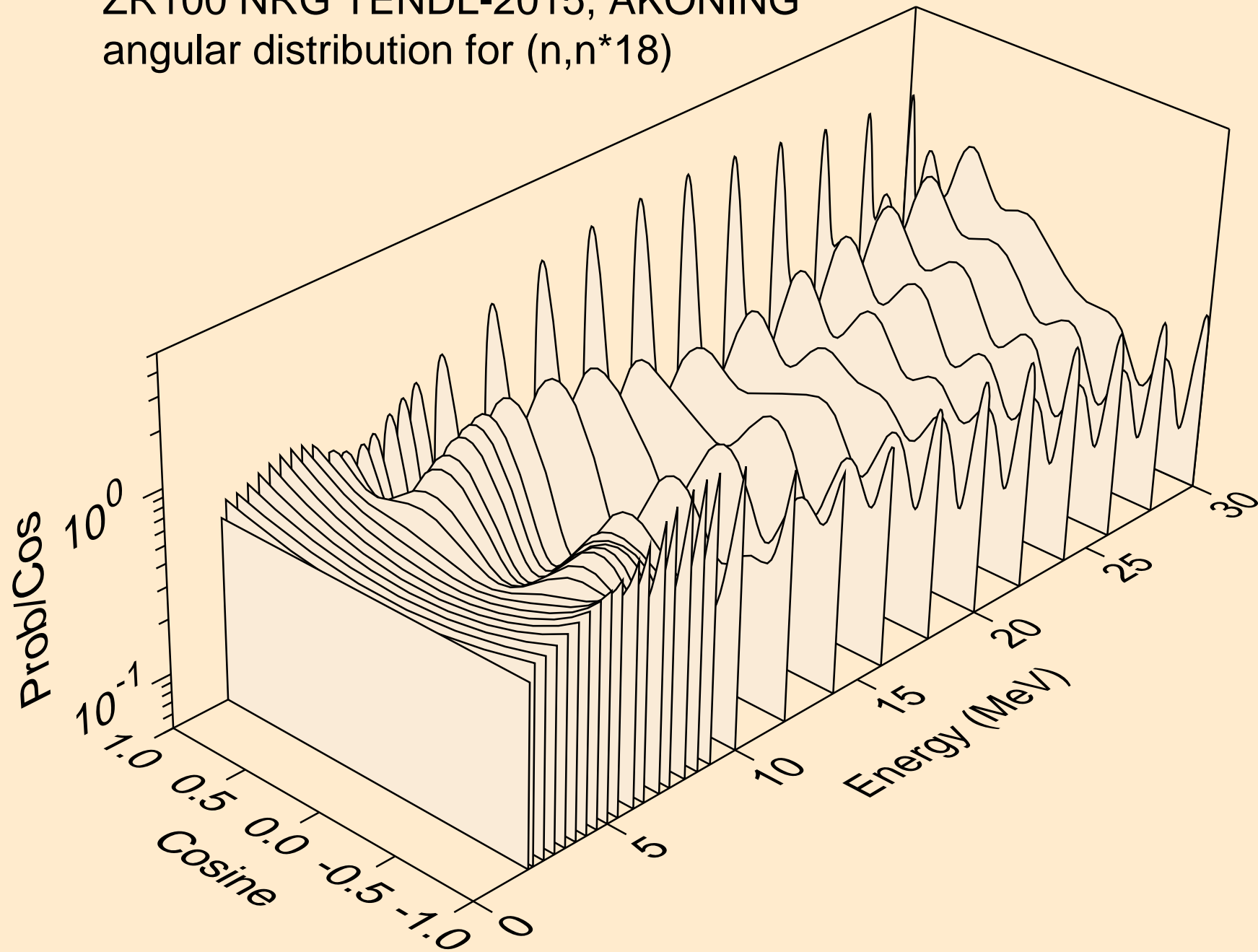
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

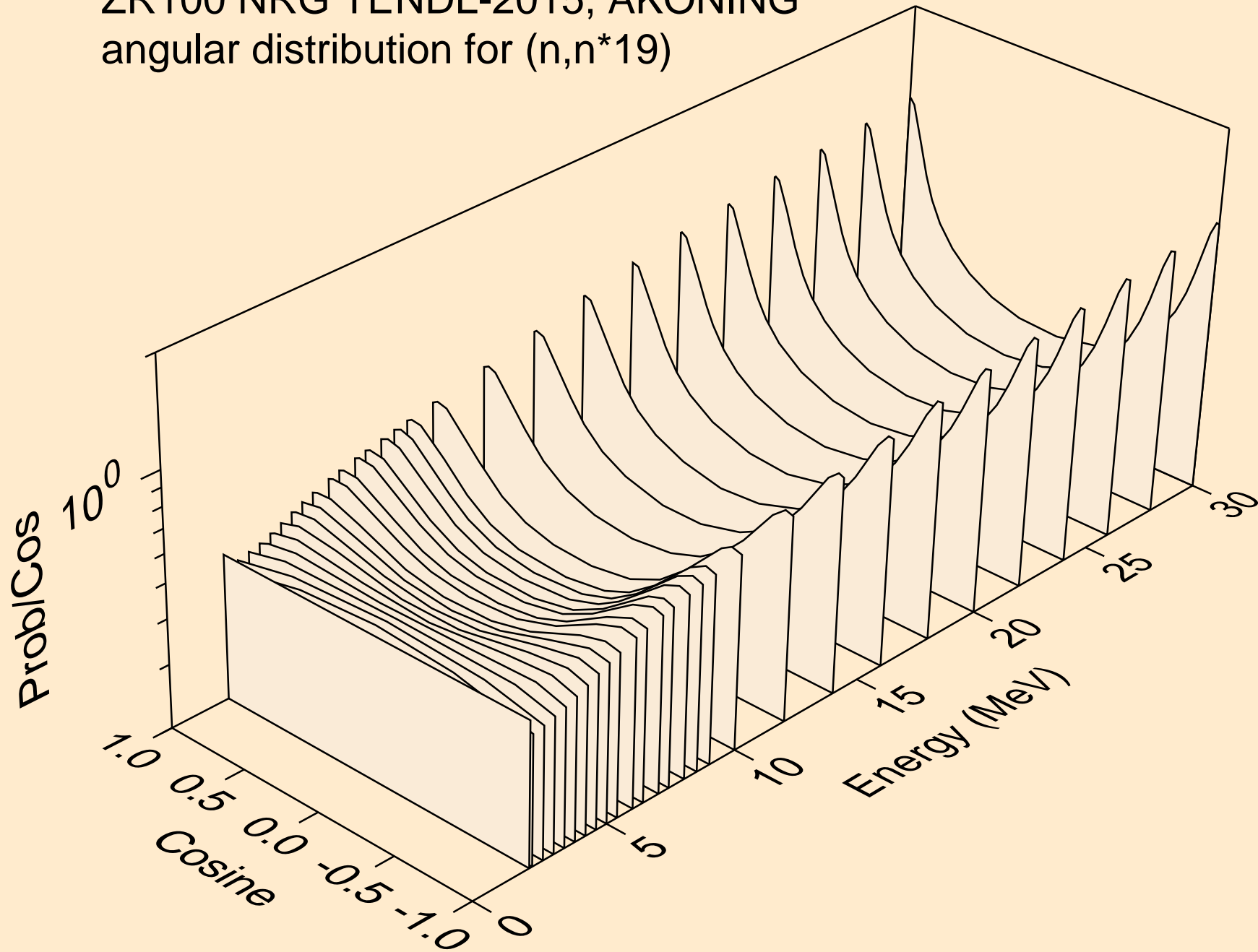


ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

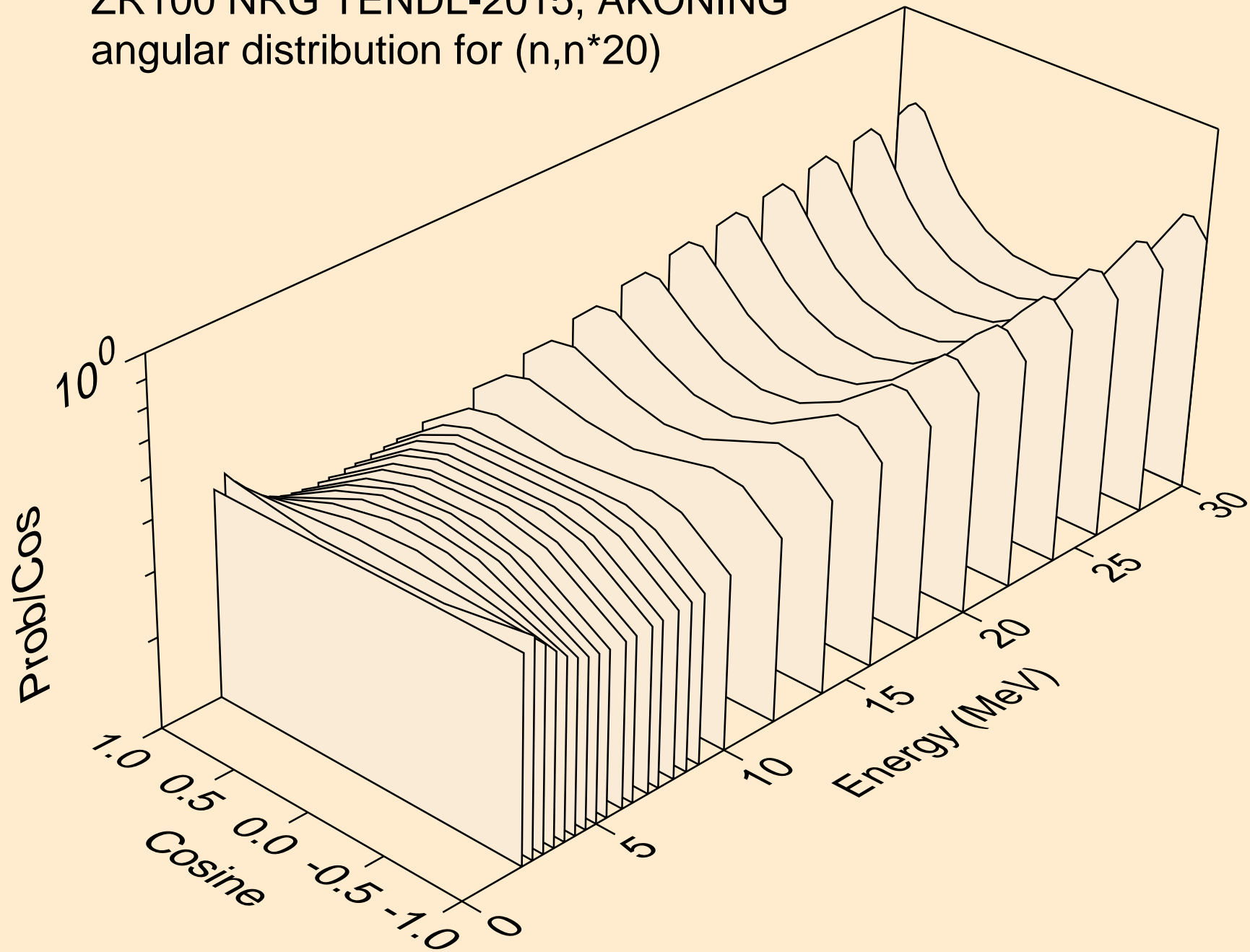




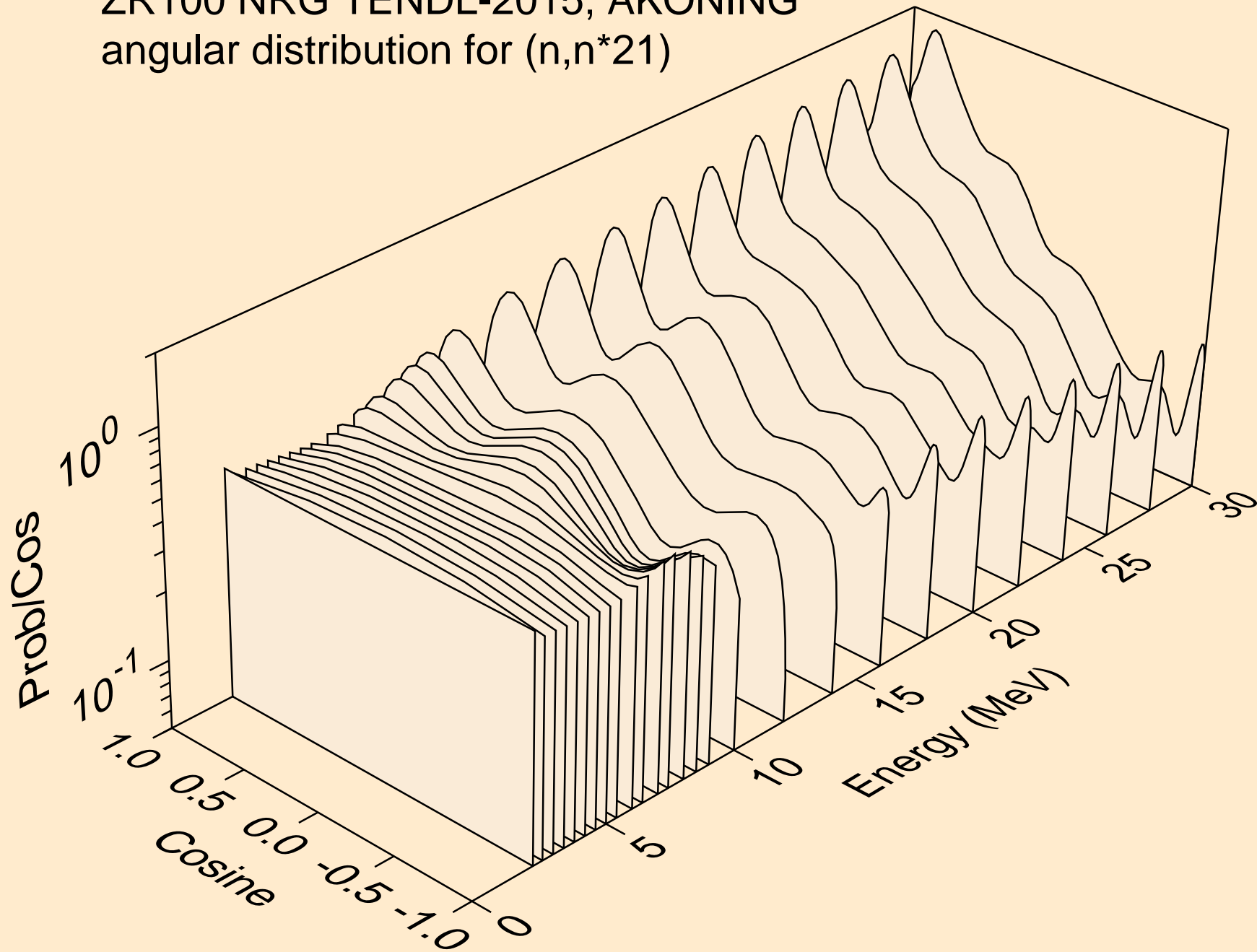
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



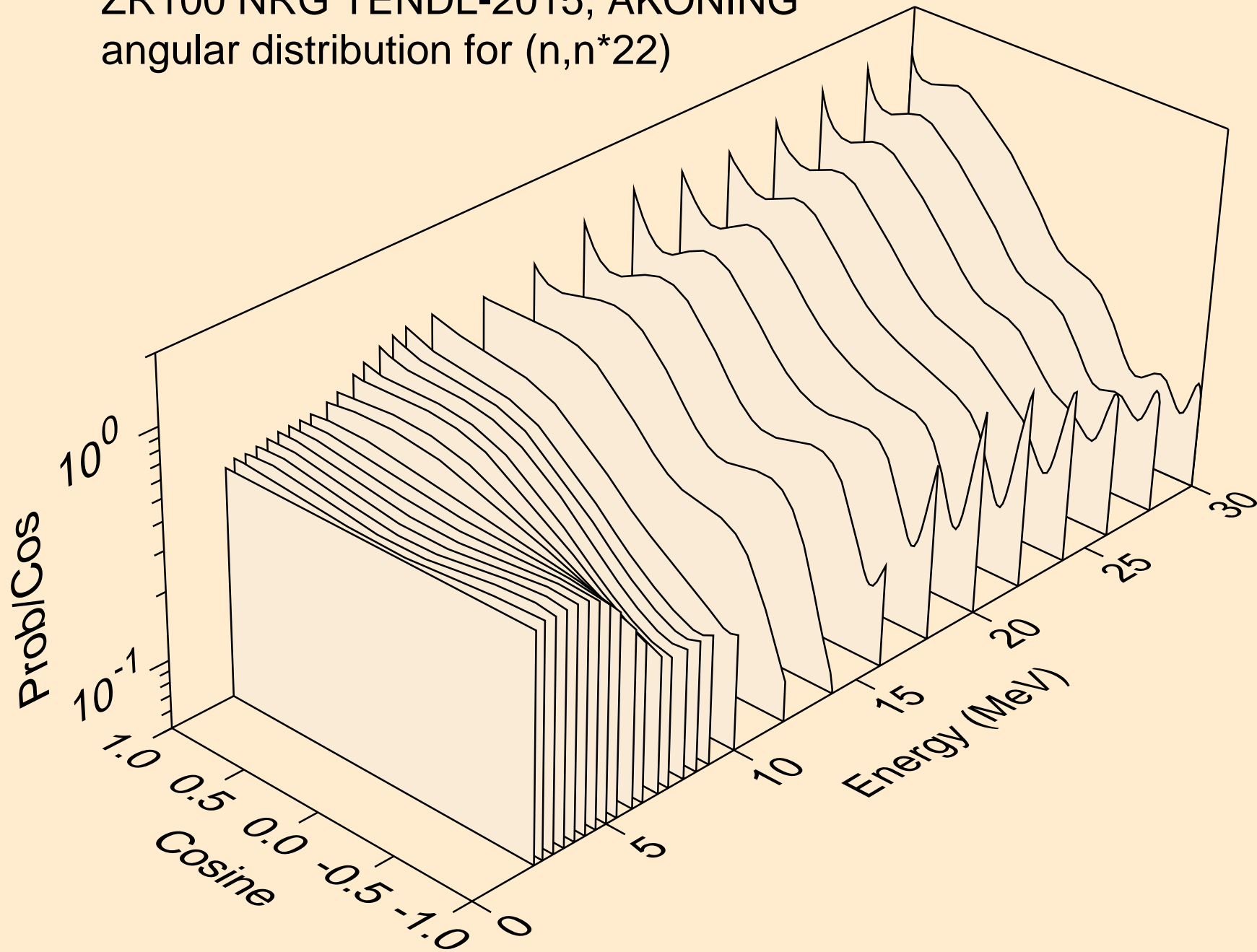
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



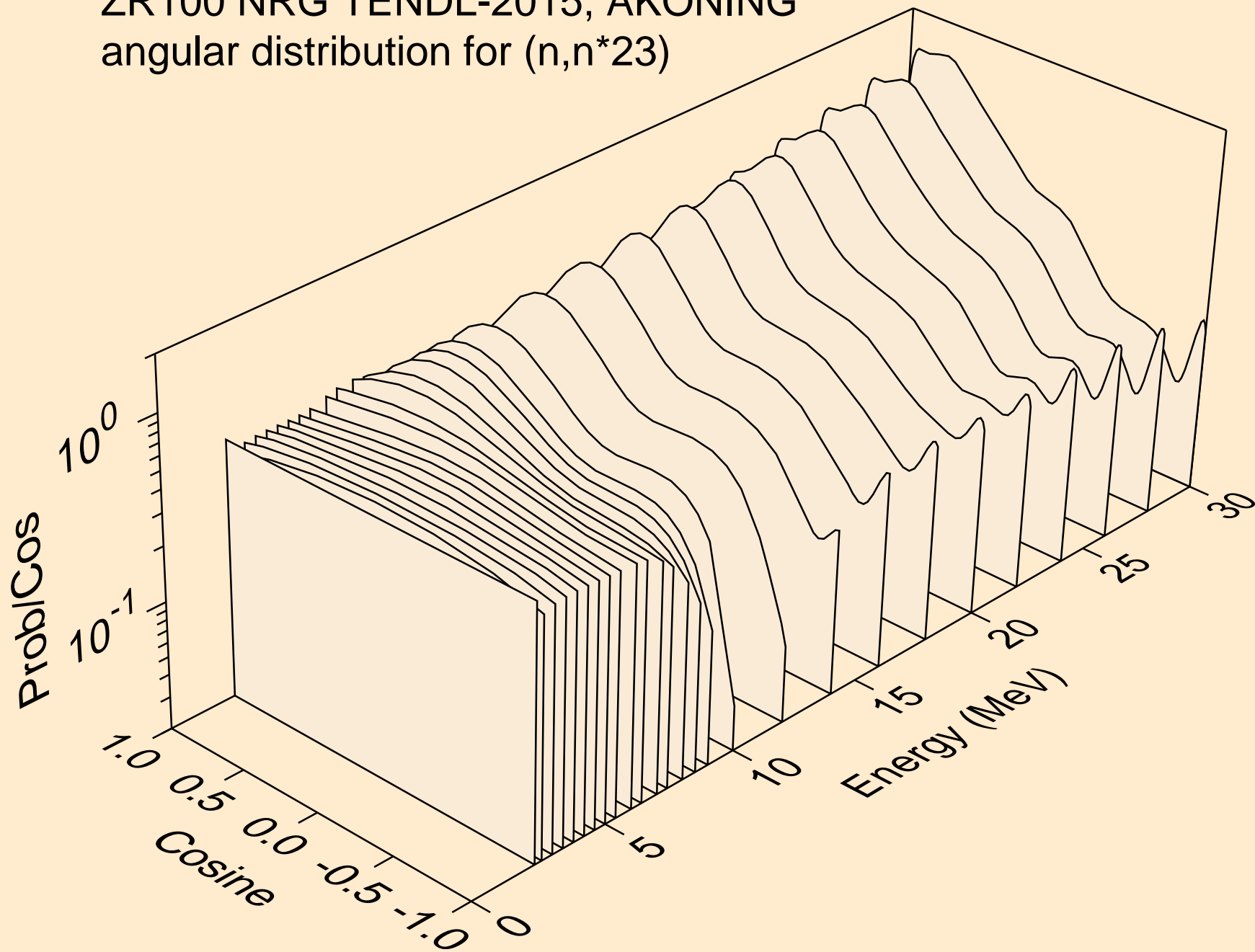
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



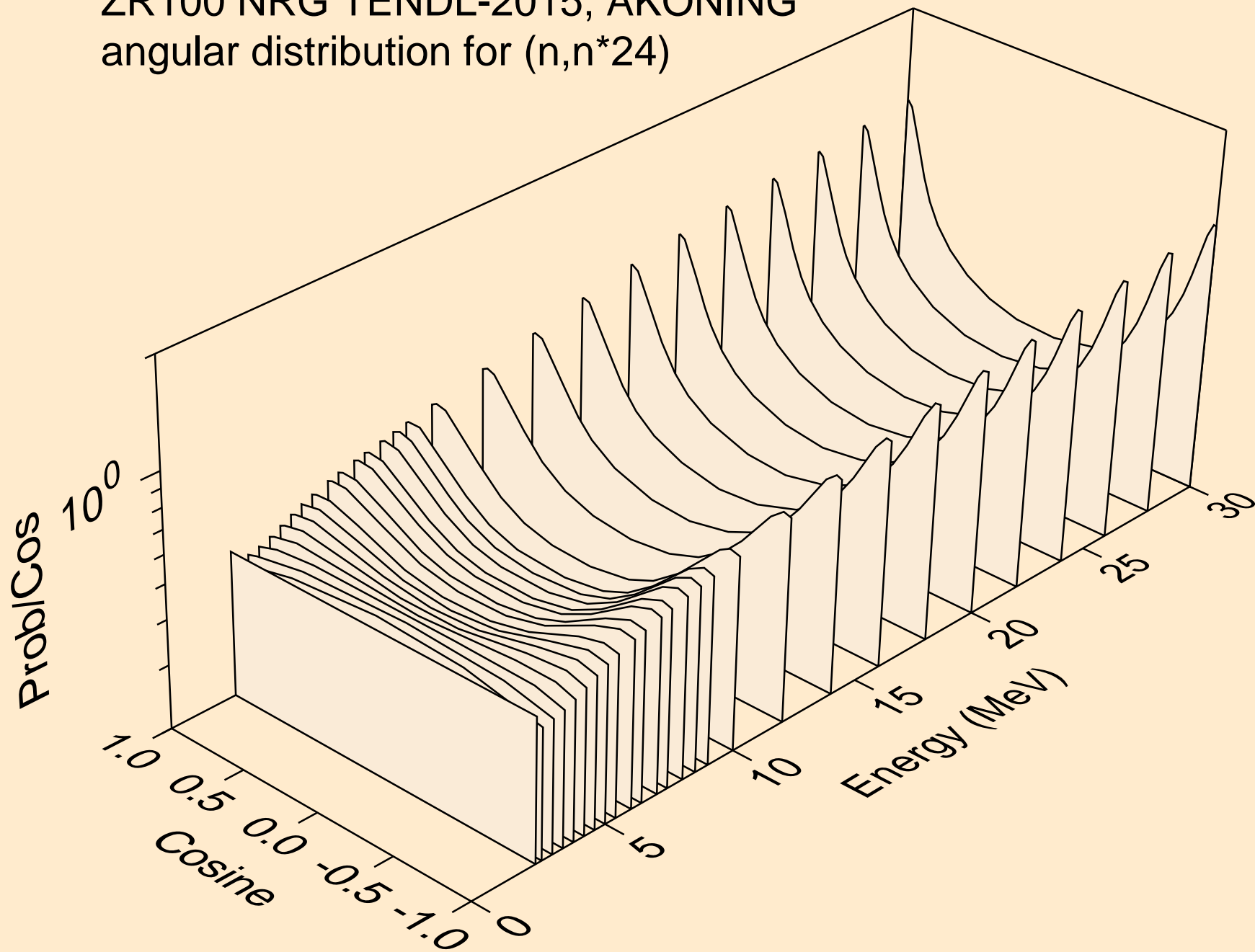
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



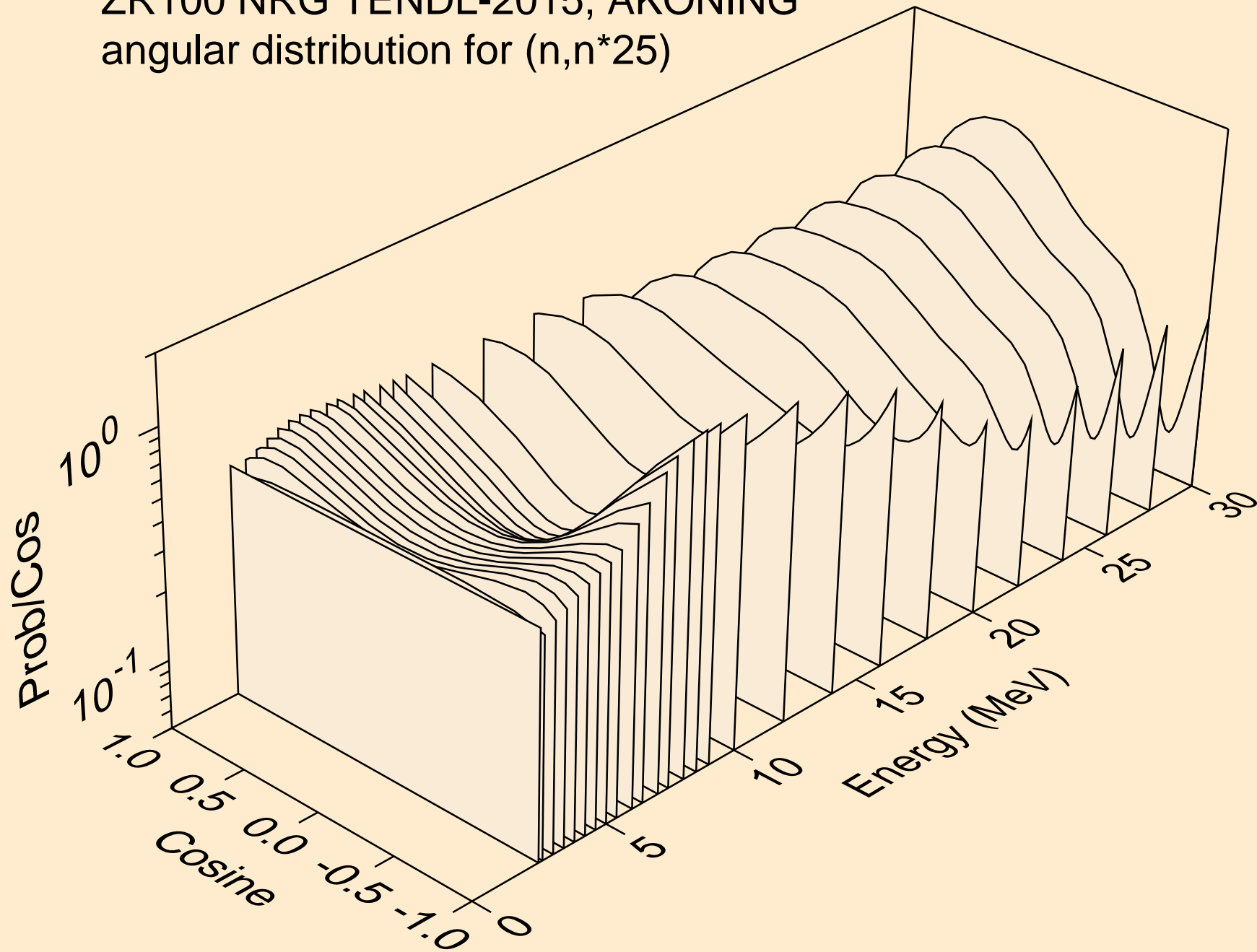
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



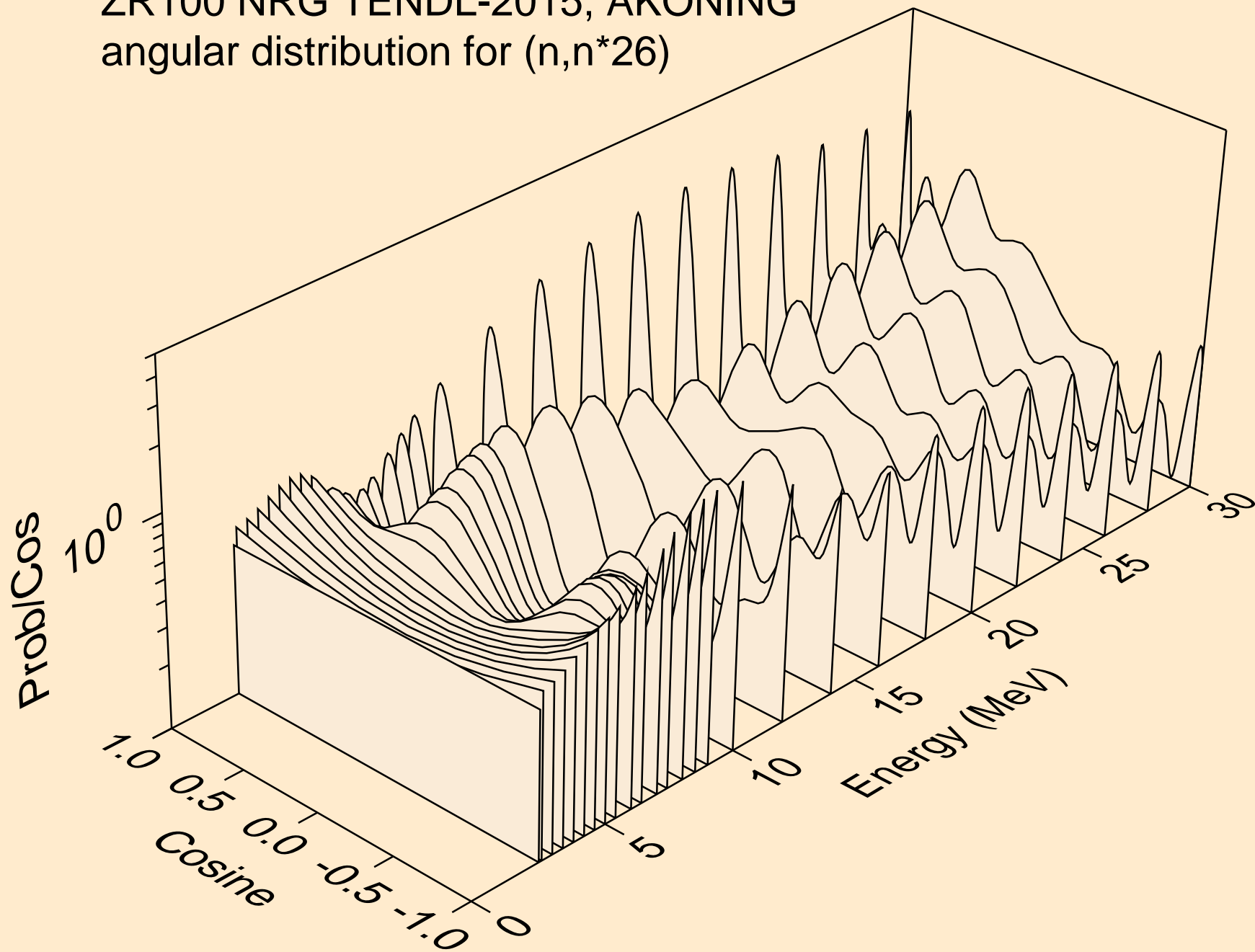
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

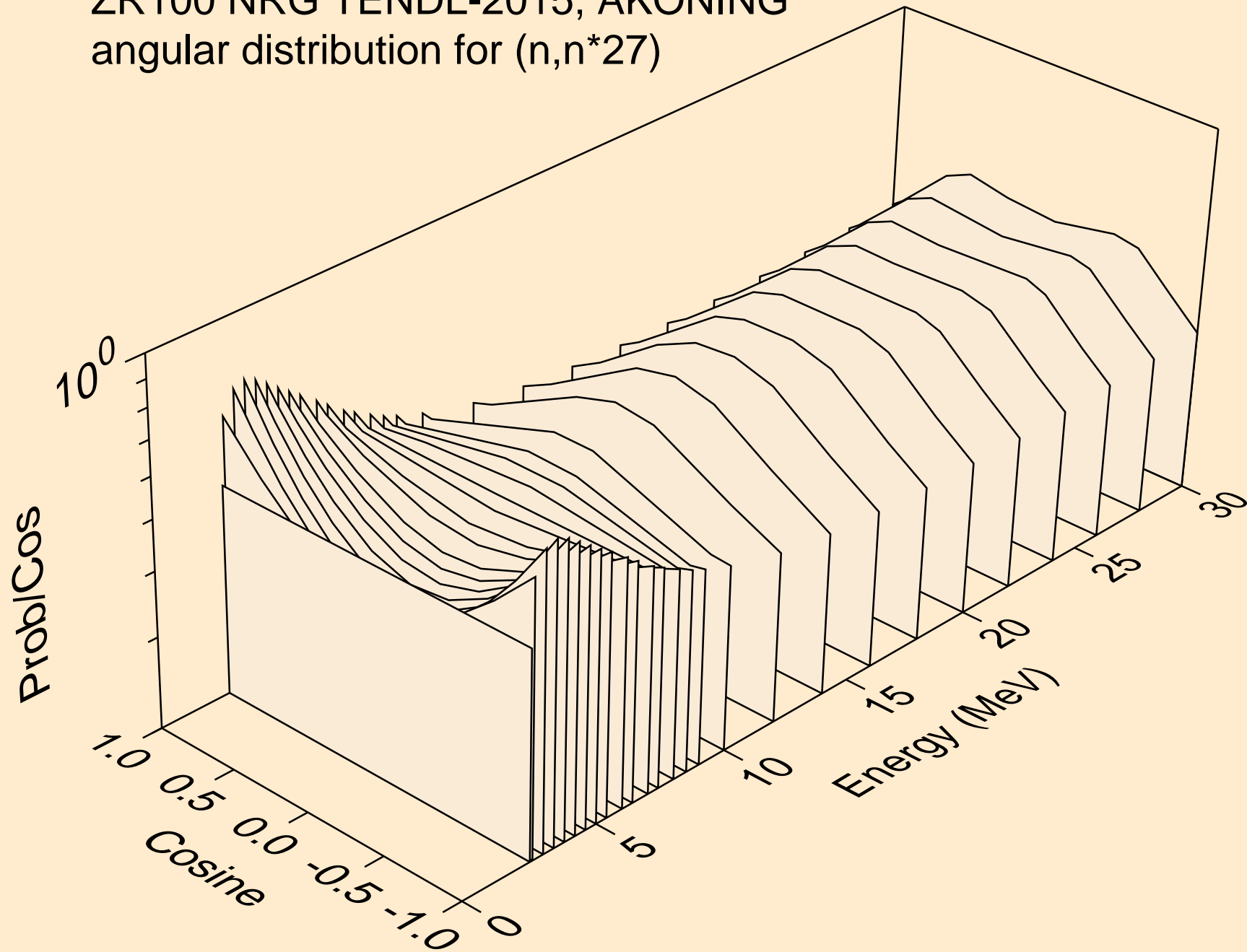


ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)

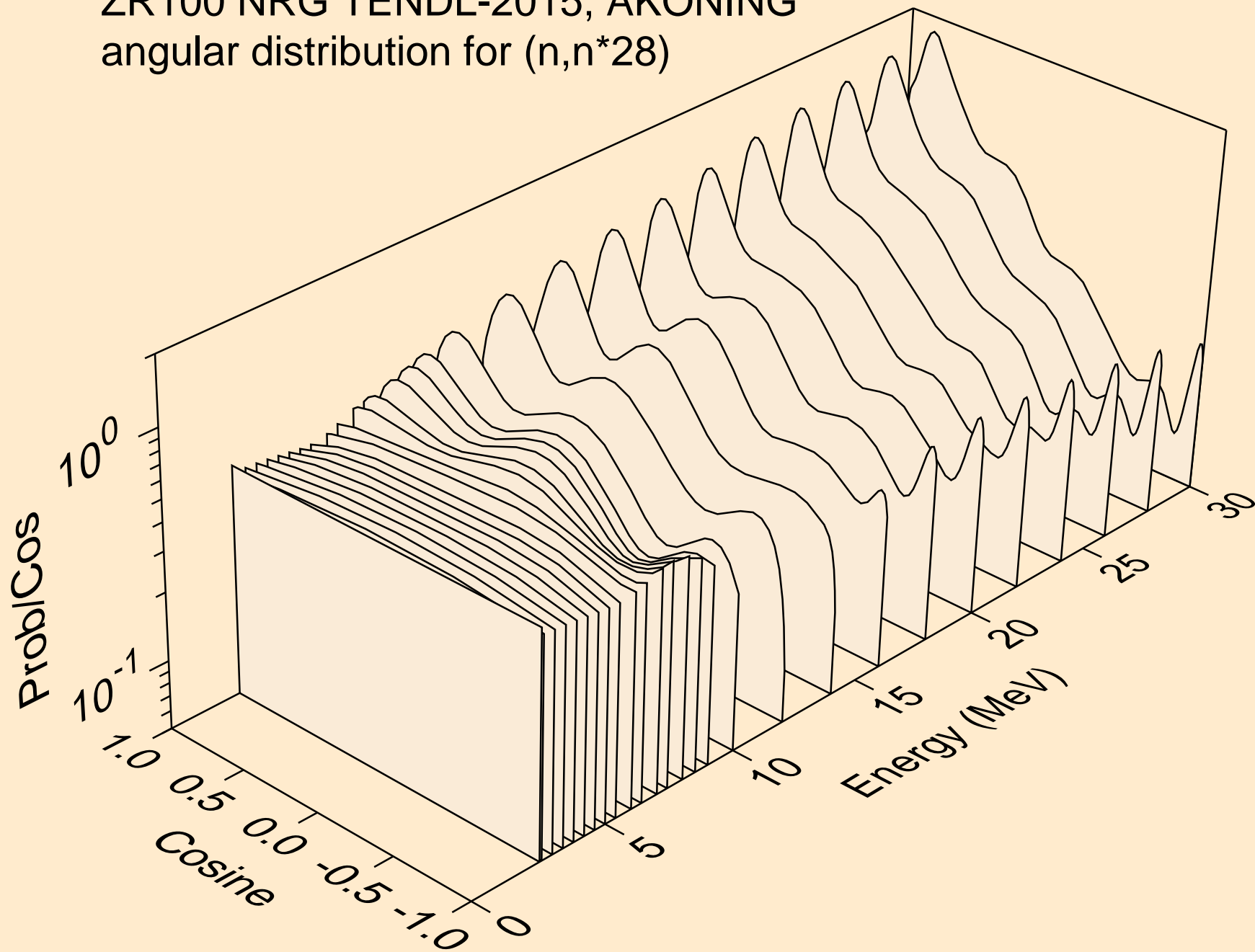




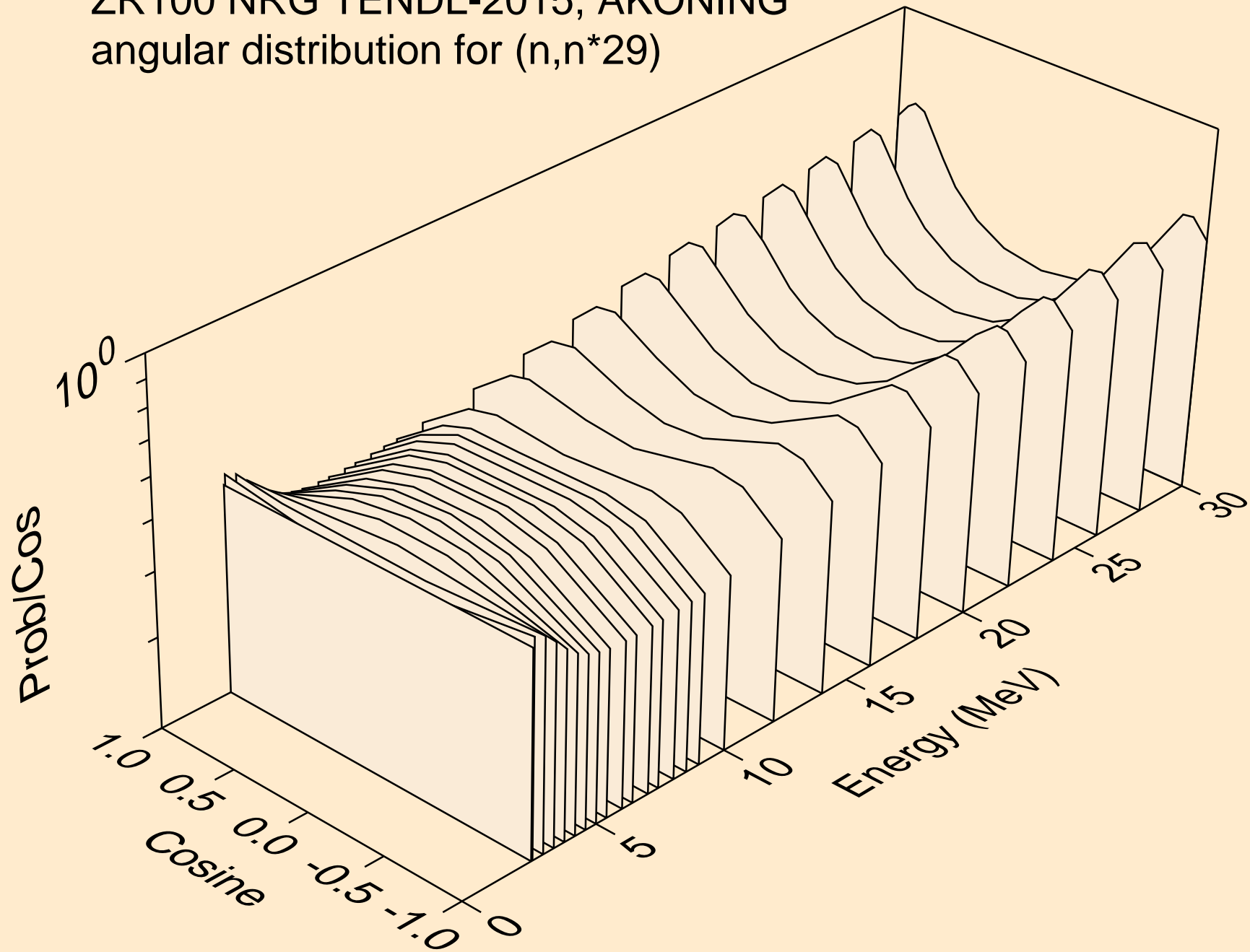
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angular distribution for (n,n\*27)



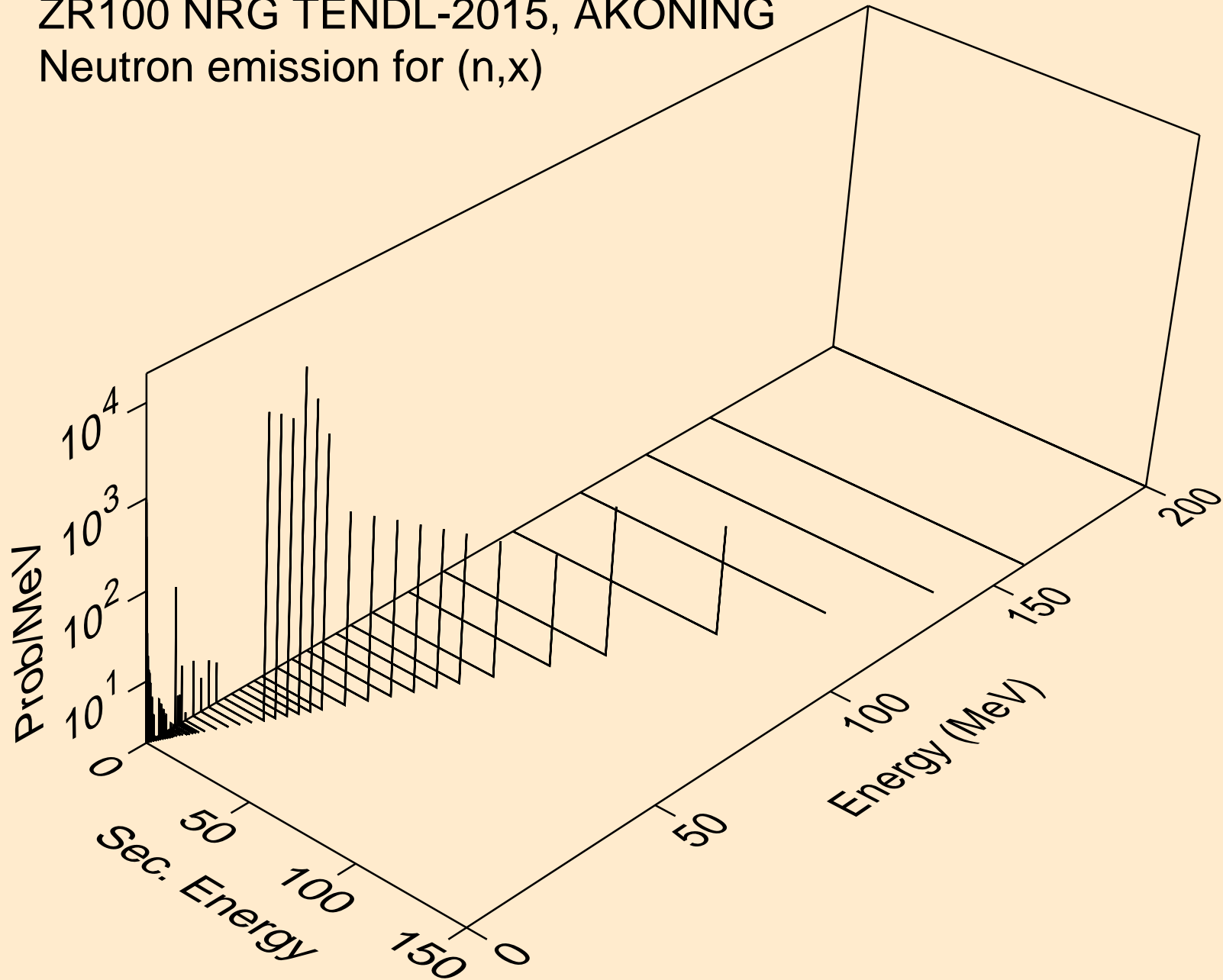
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



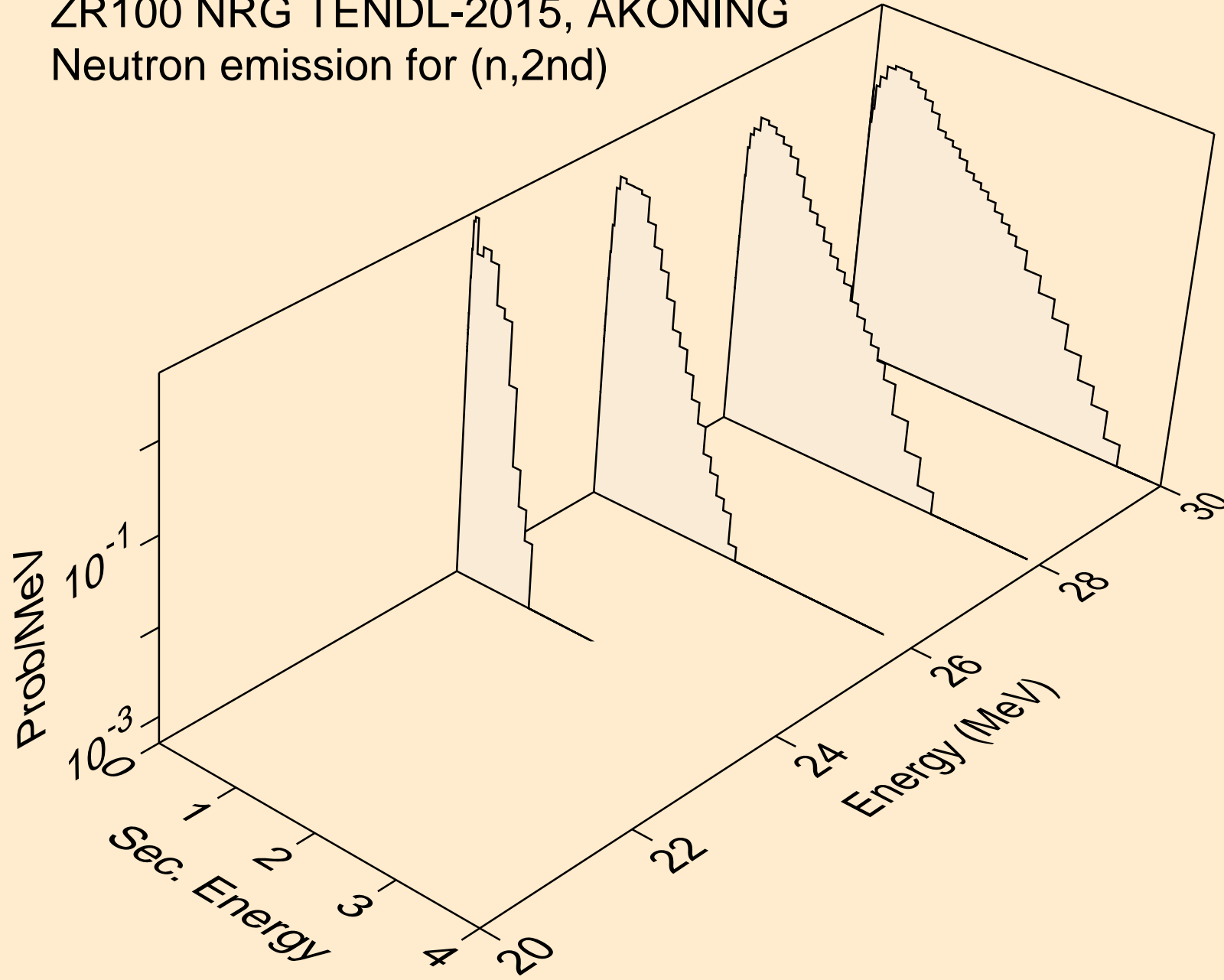
ZR100 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



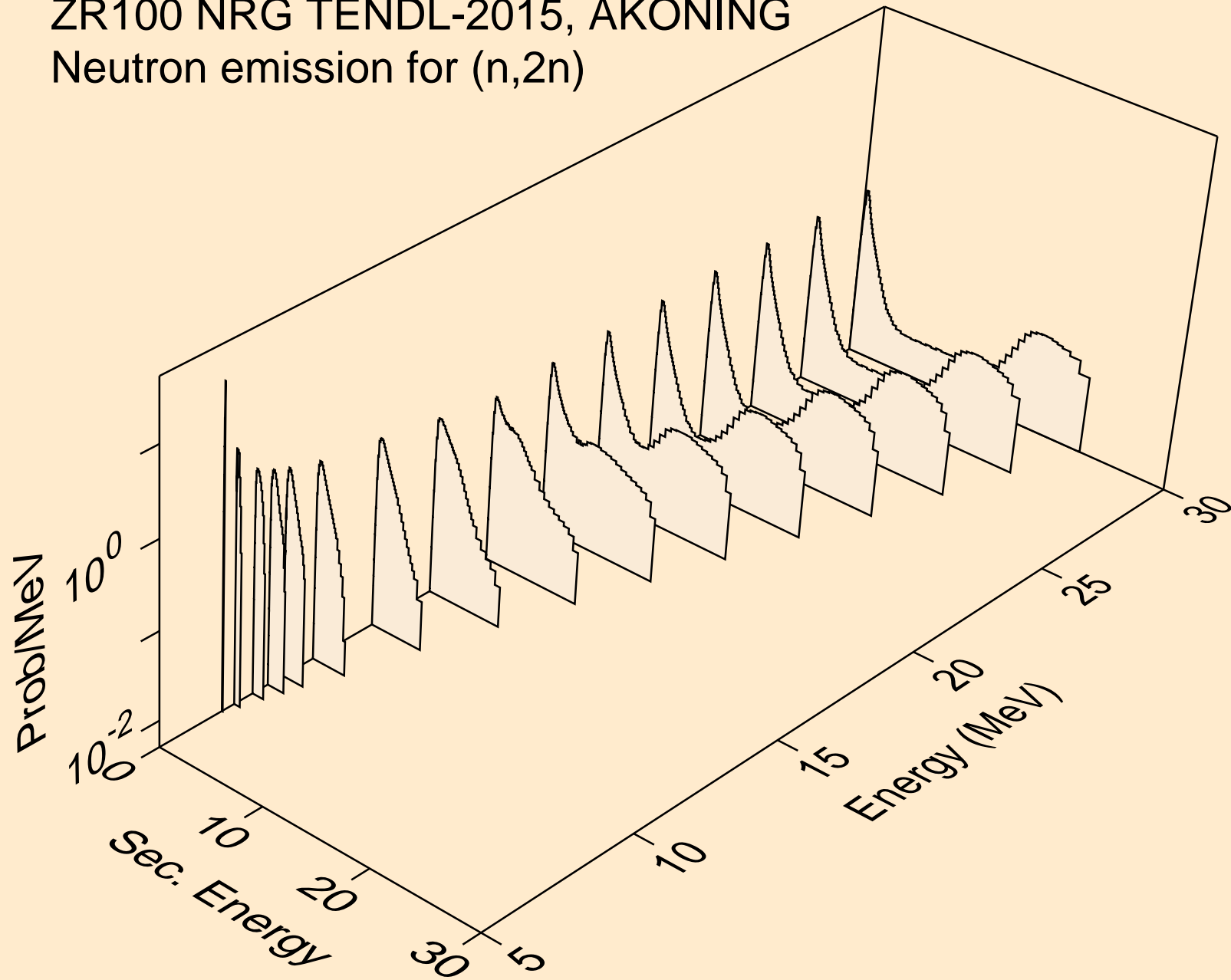
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



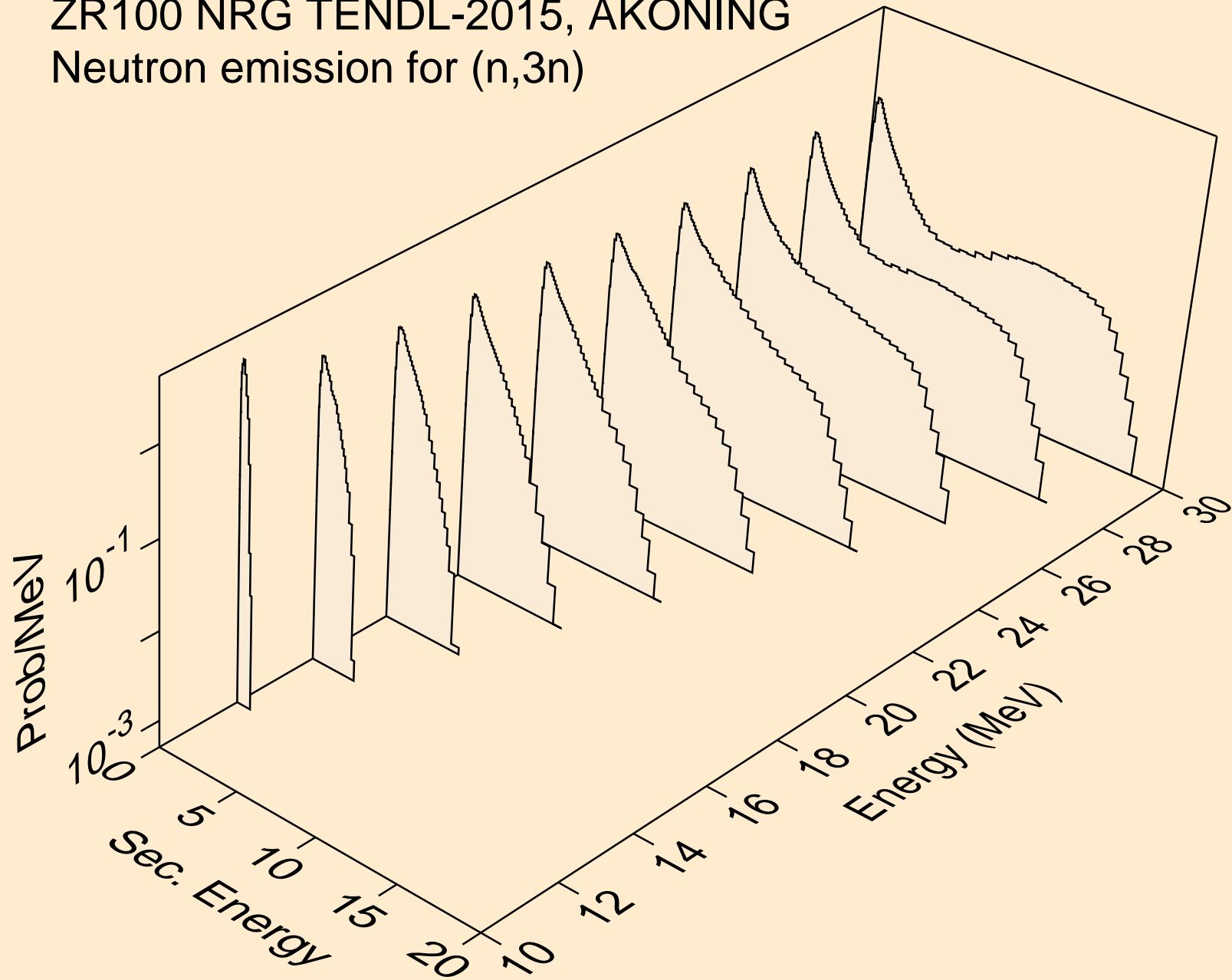
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



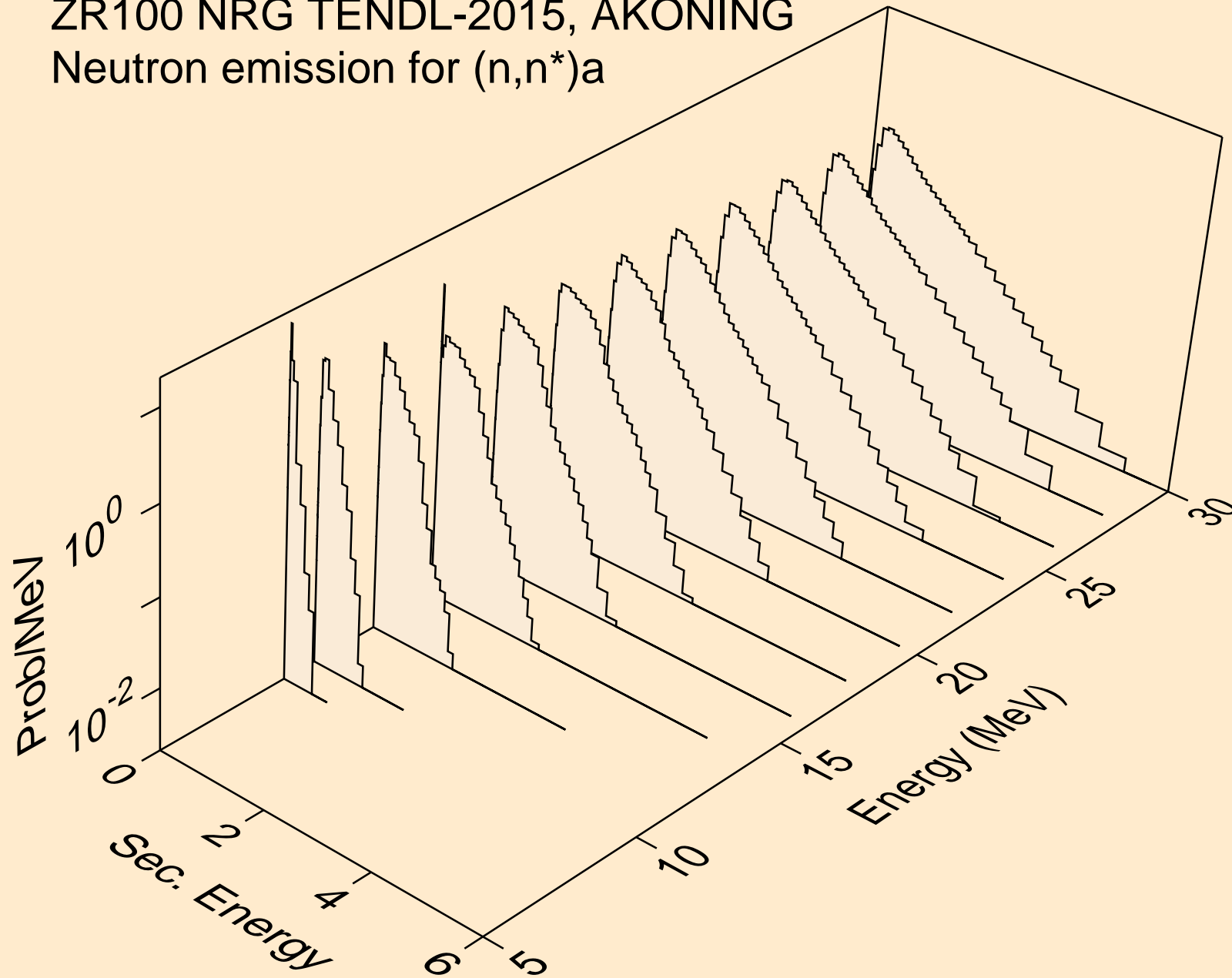
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

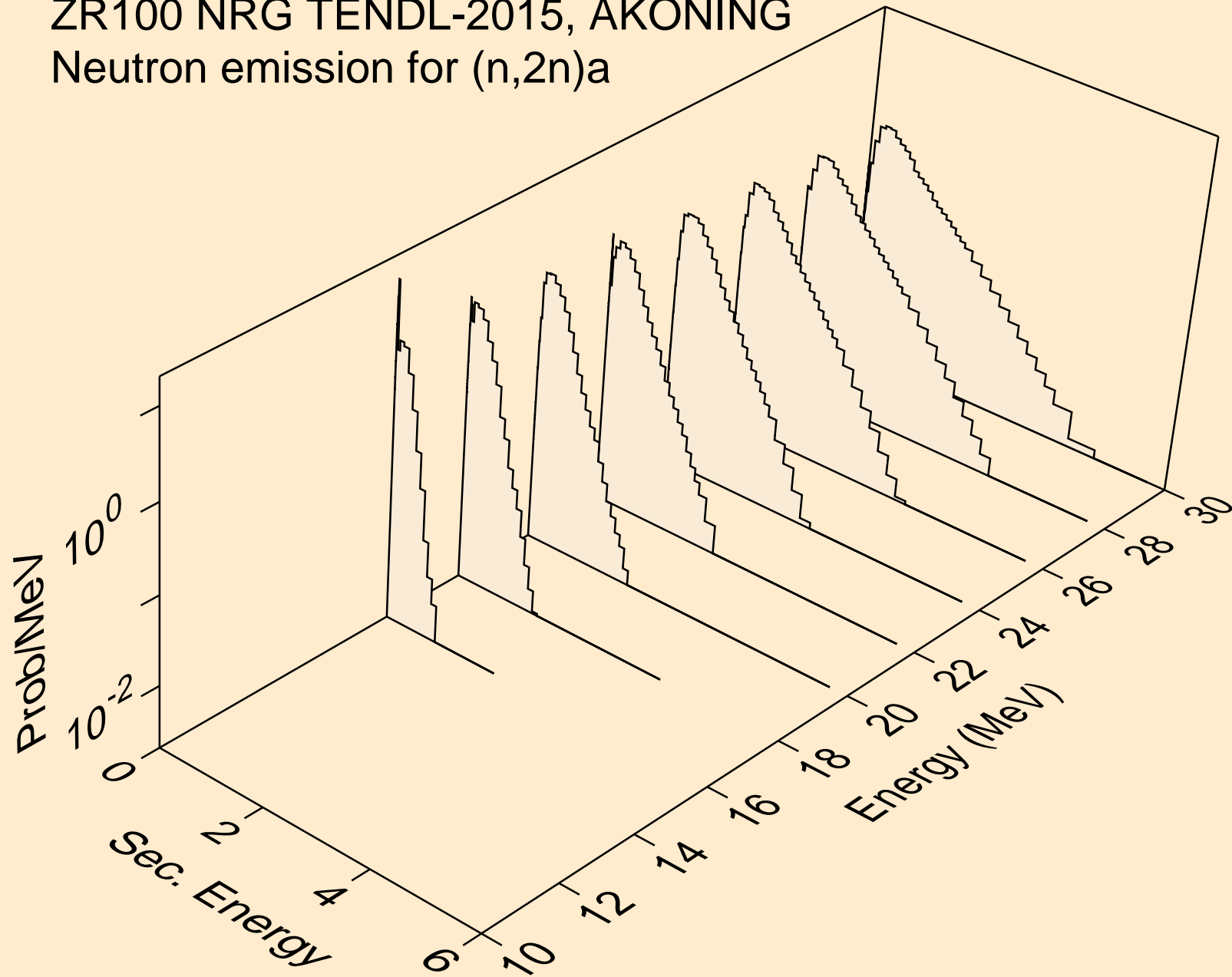


ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

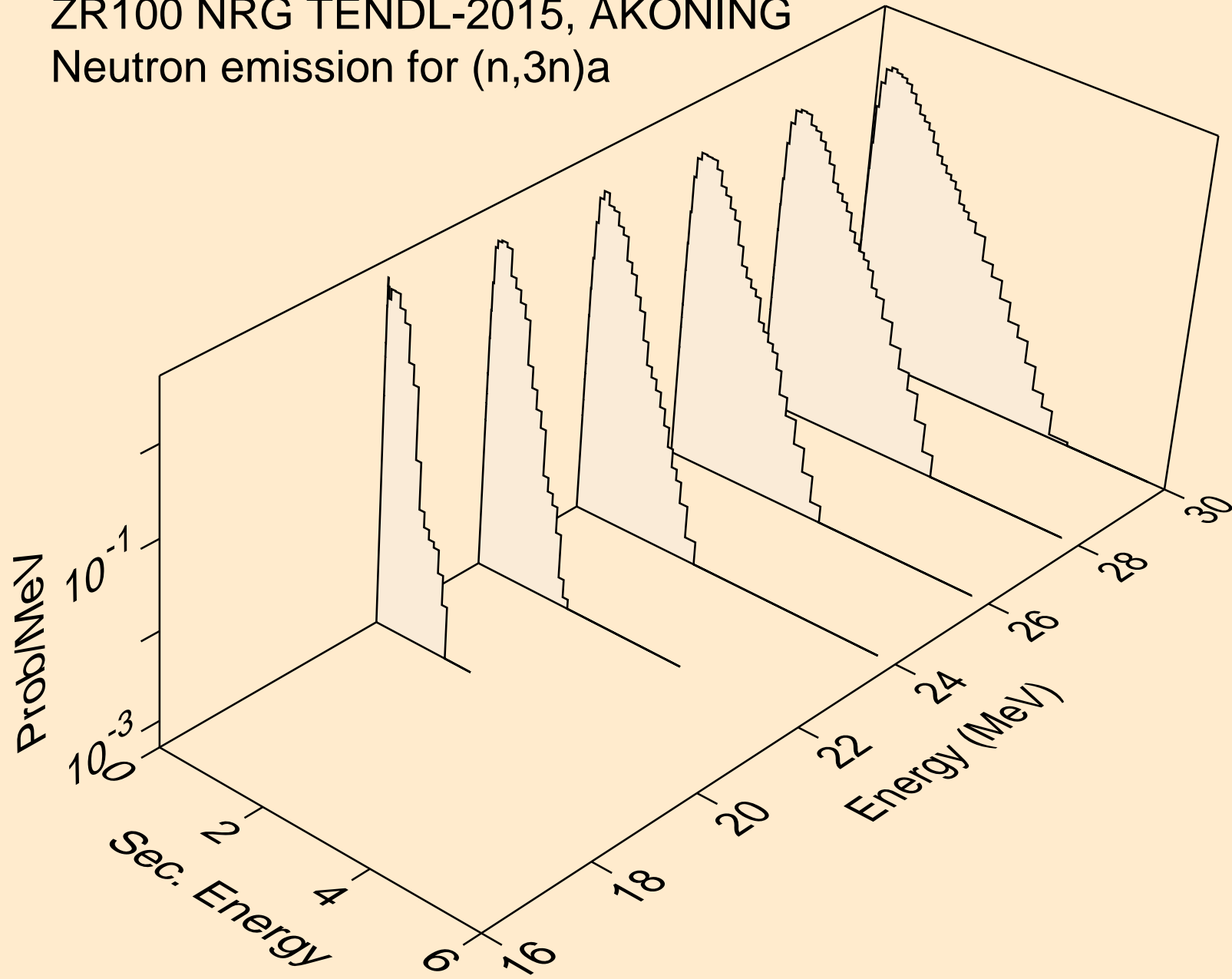




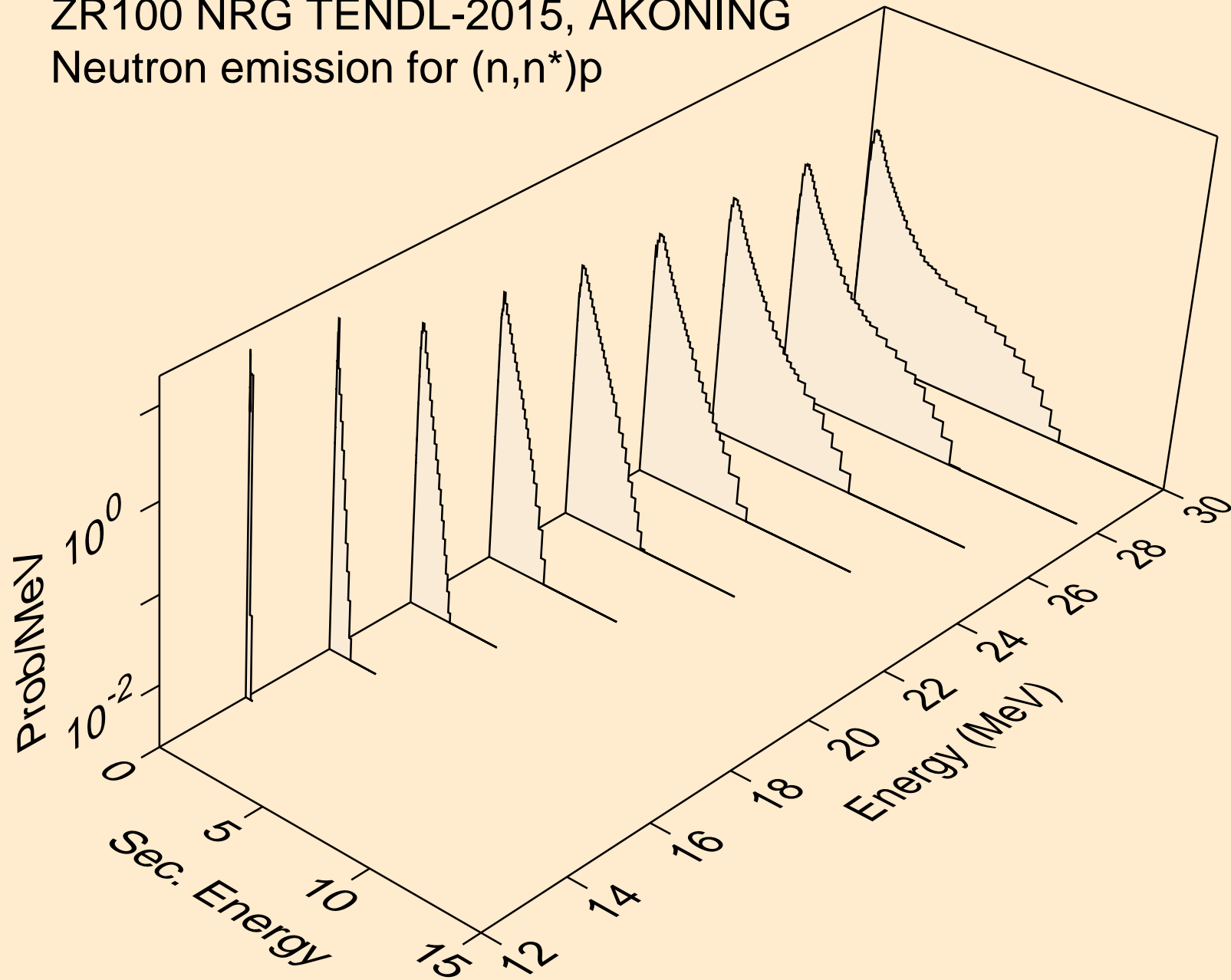
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



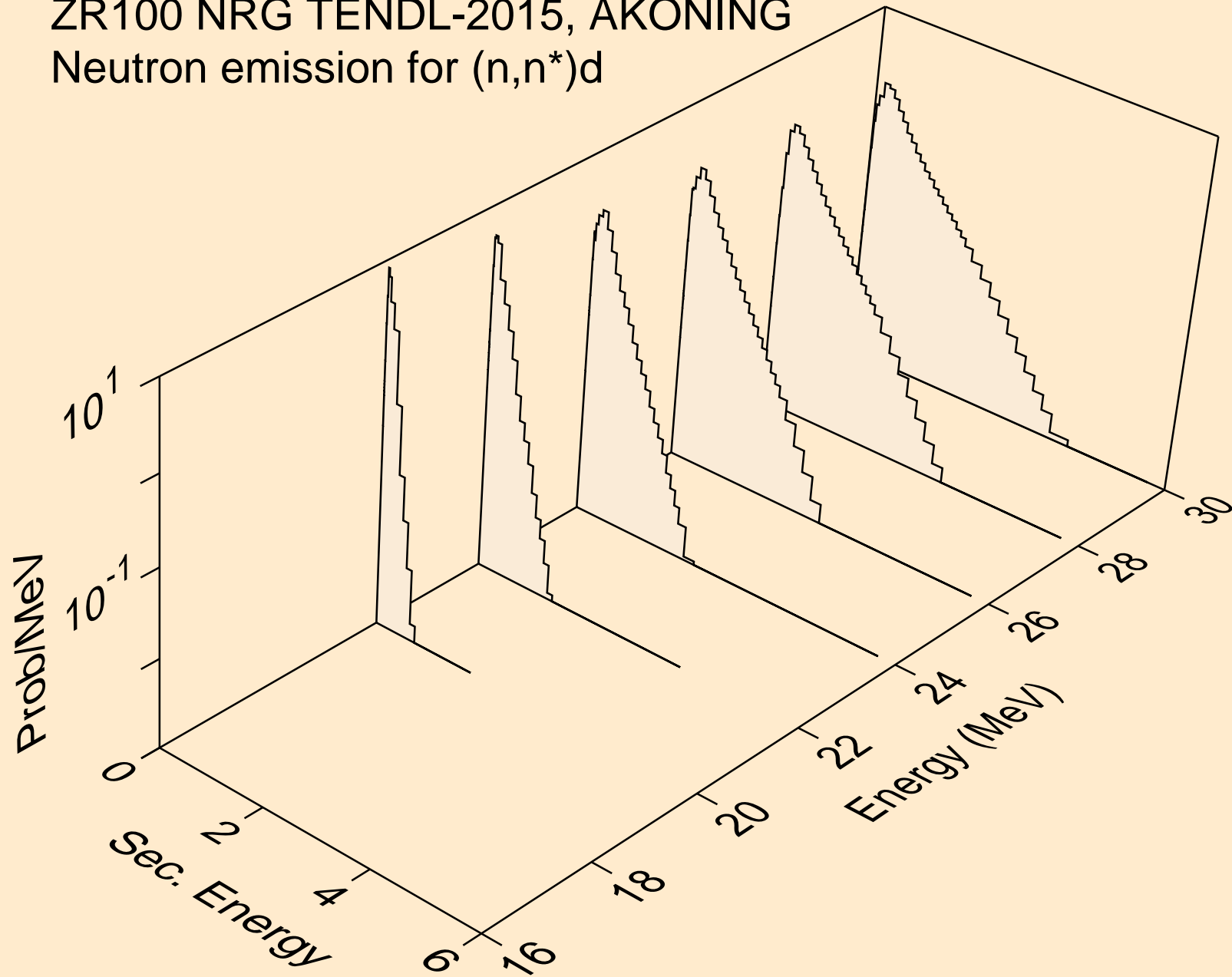
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



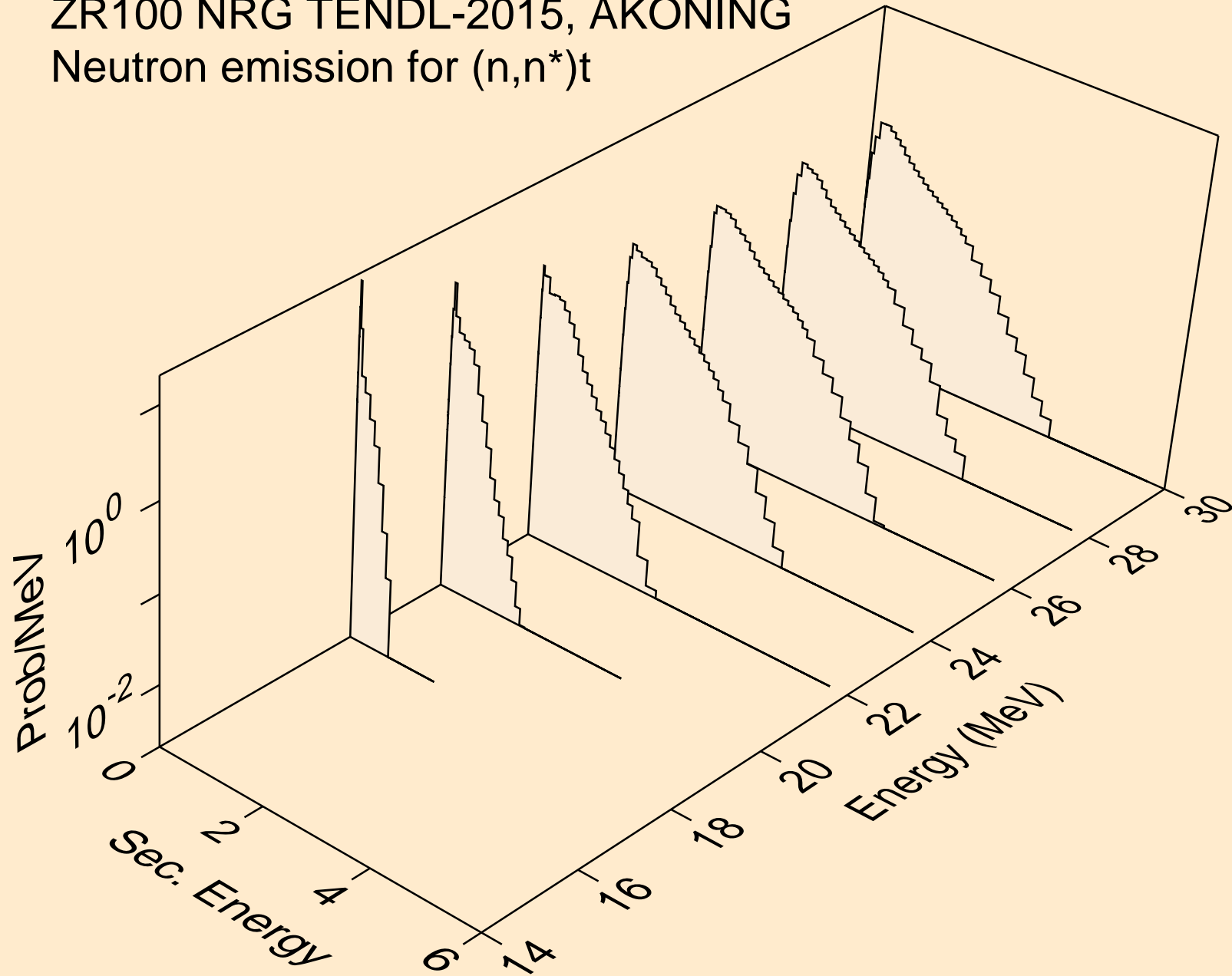
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



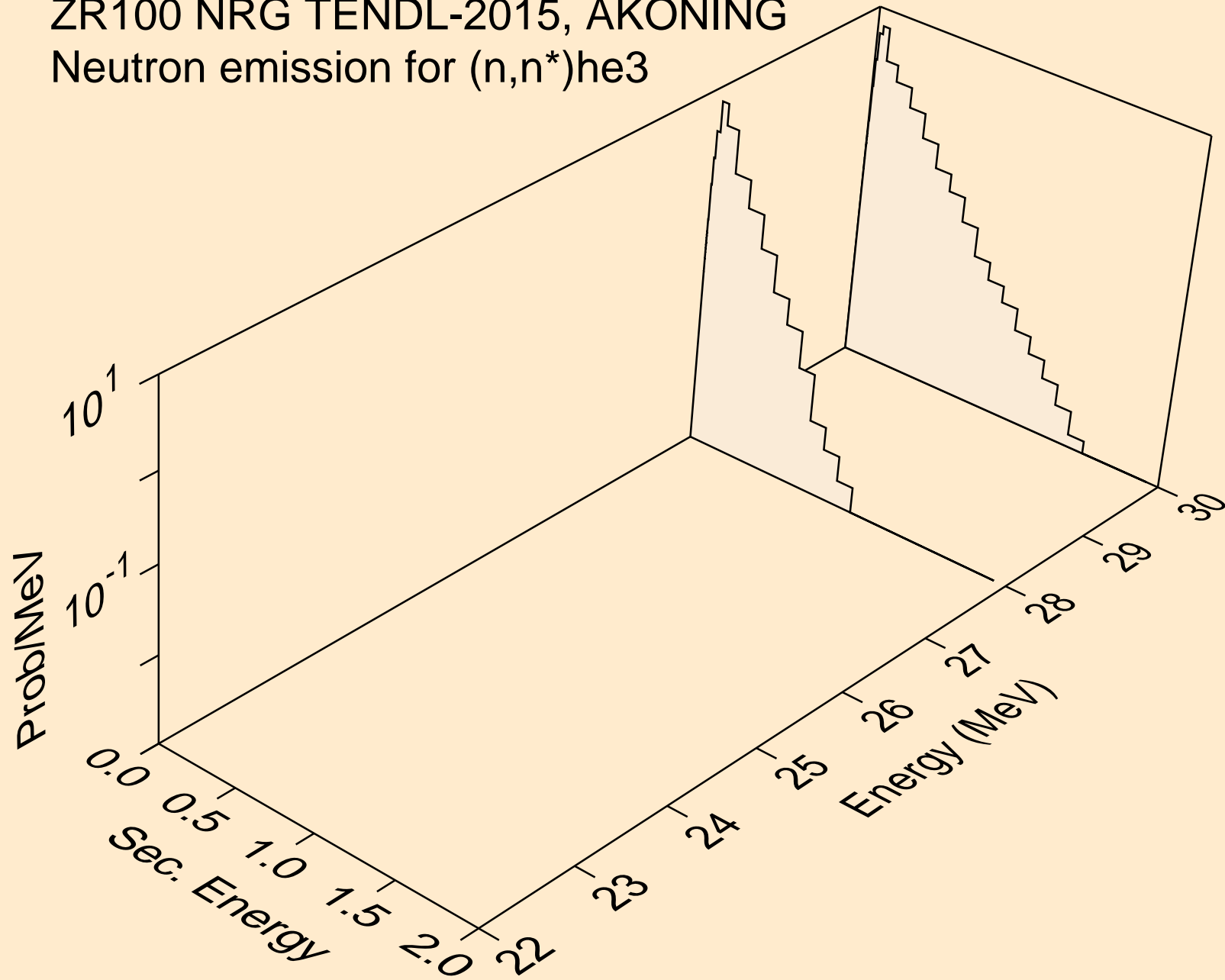
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



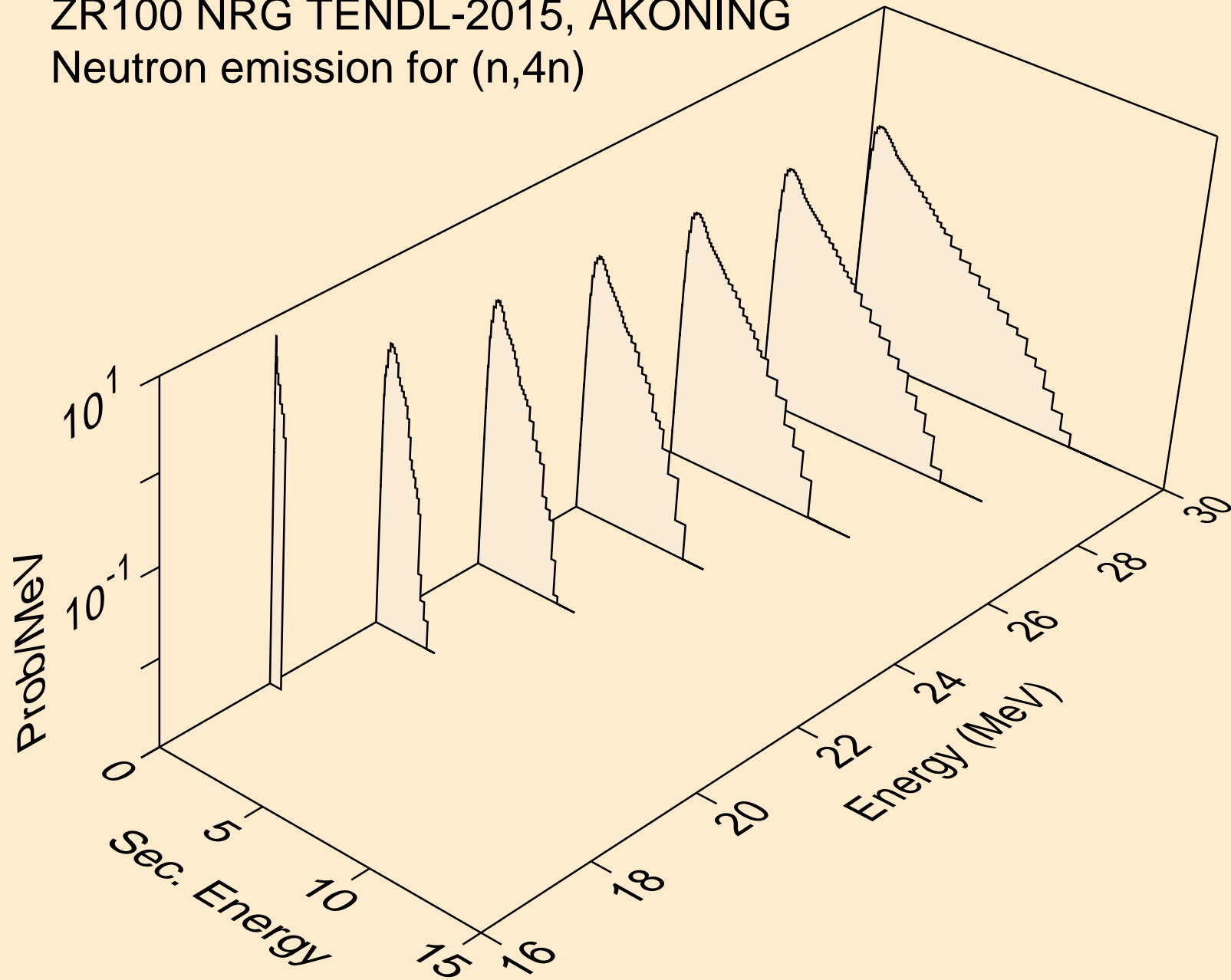
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



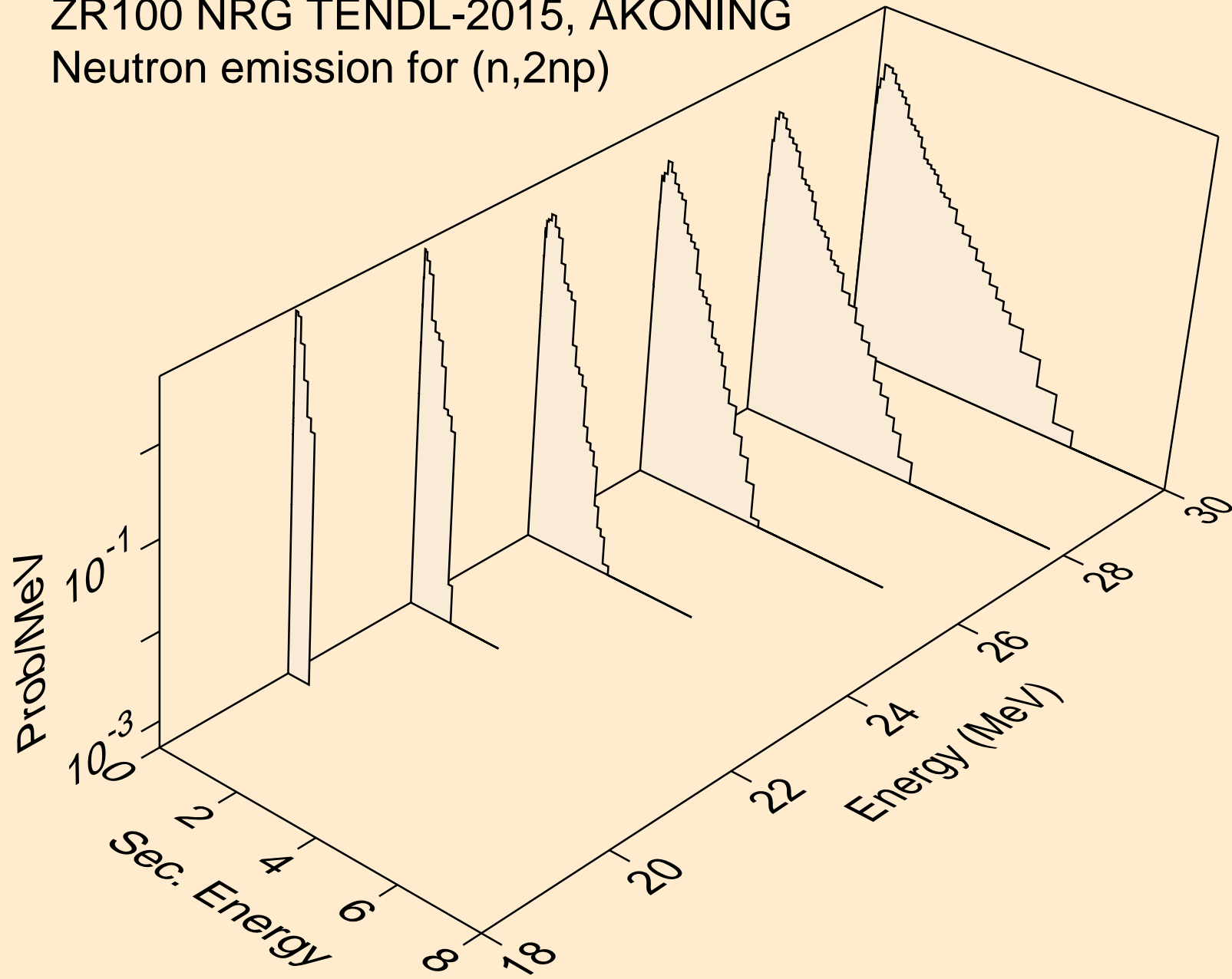
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

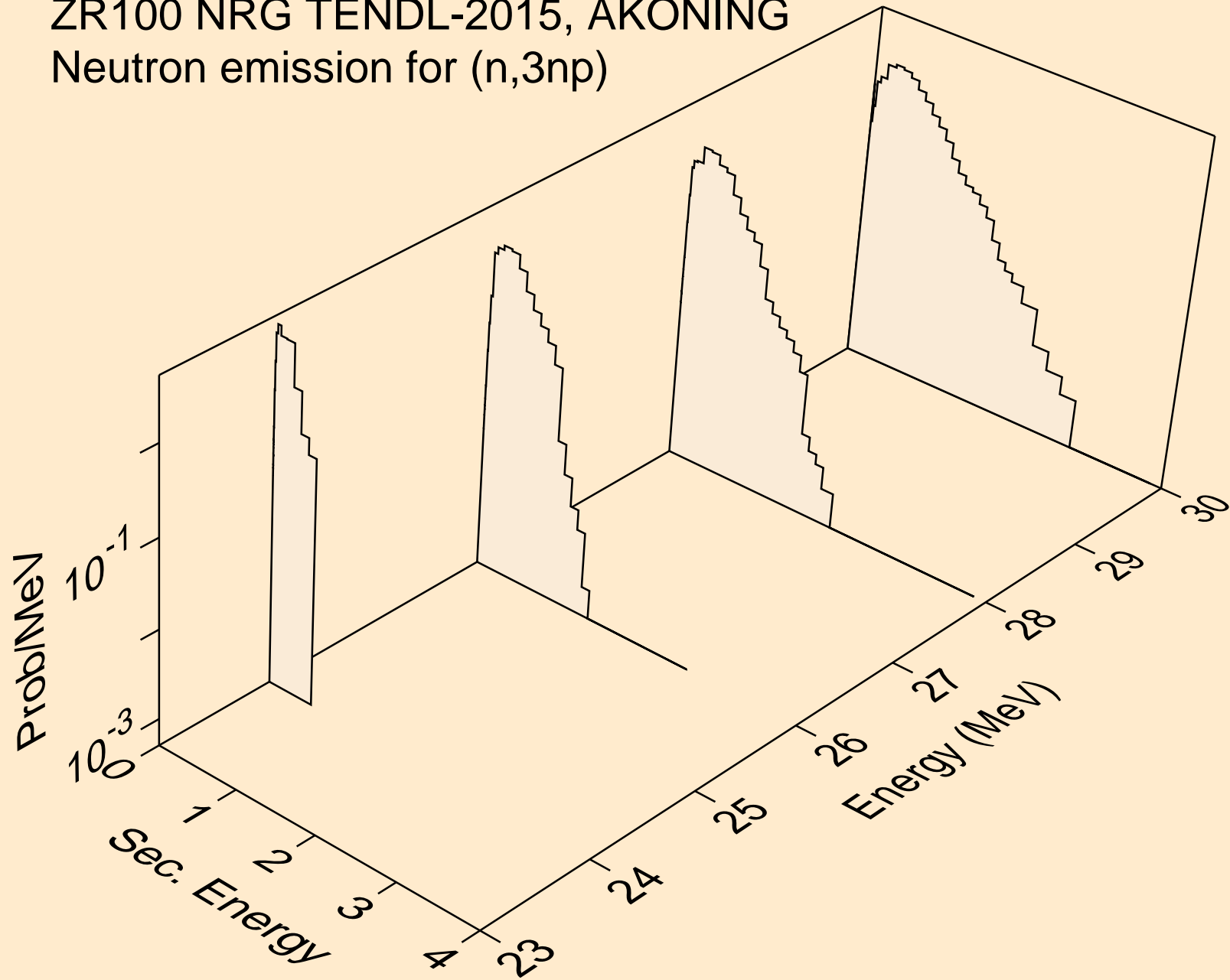


ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

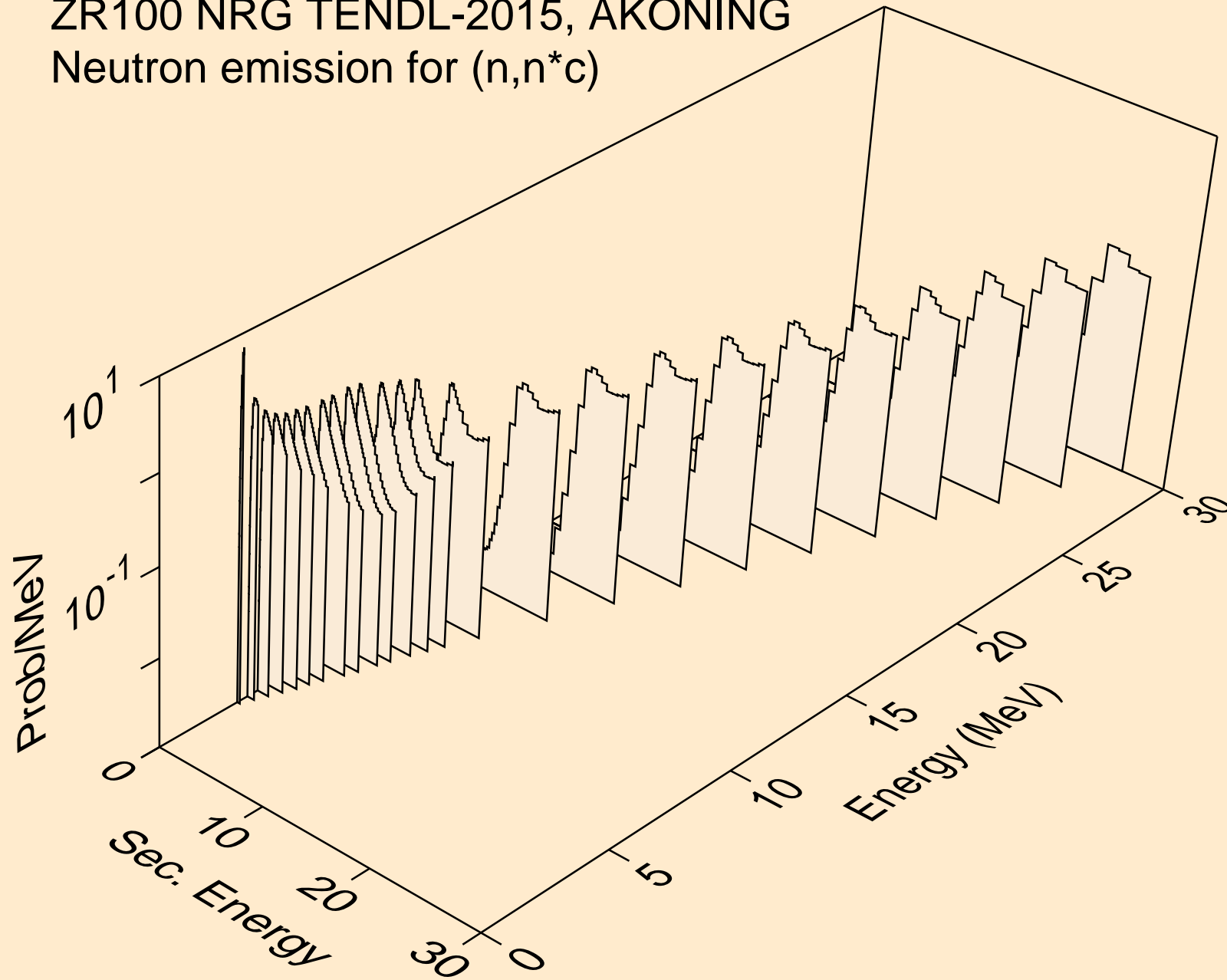




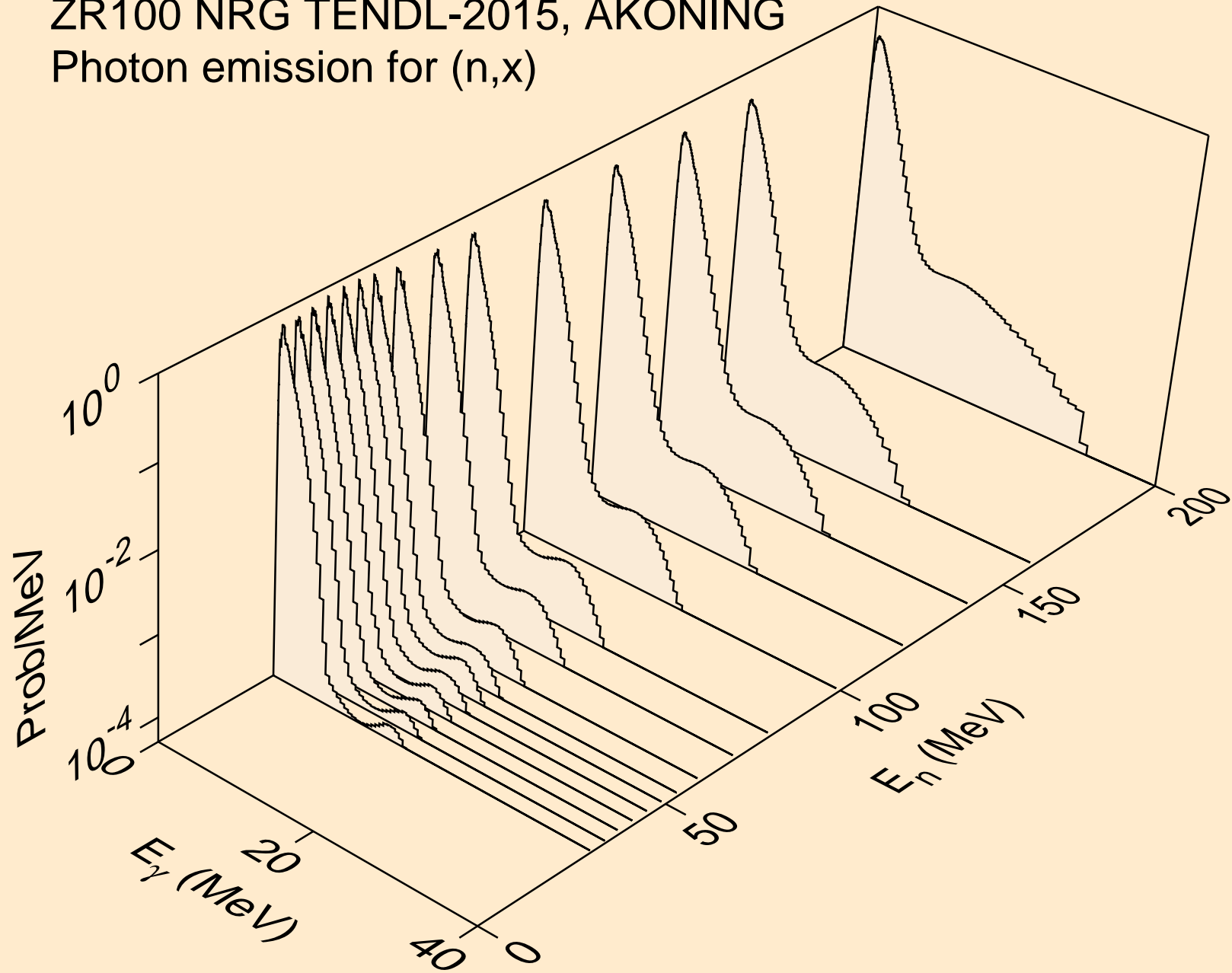
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



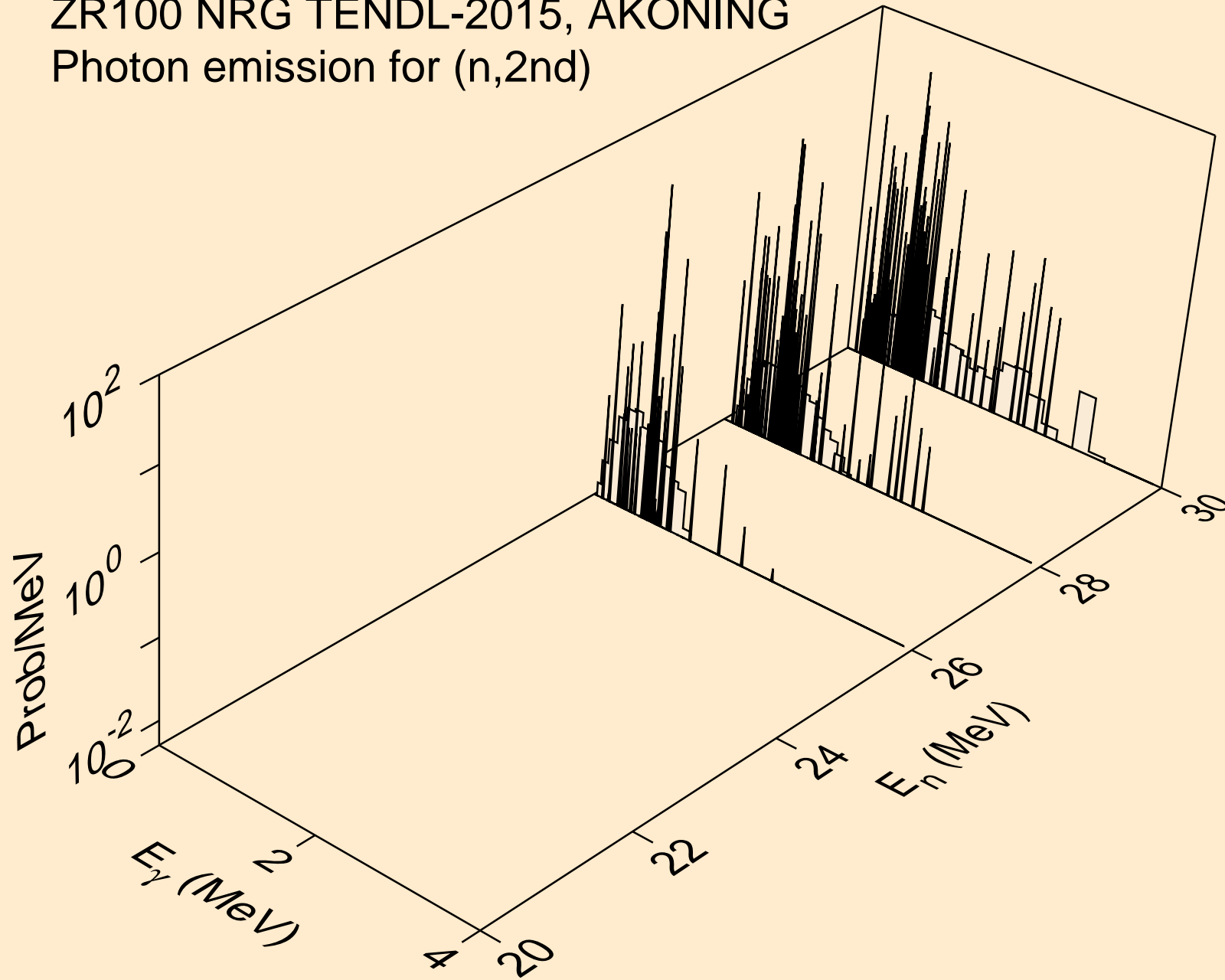
ZR100 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



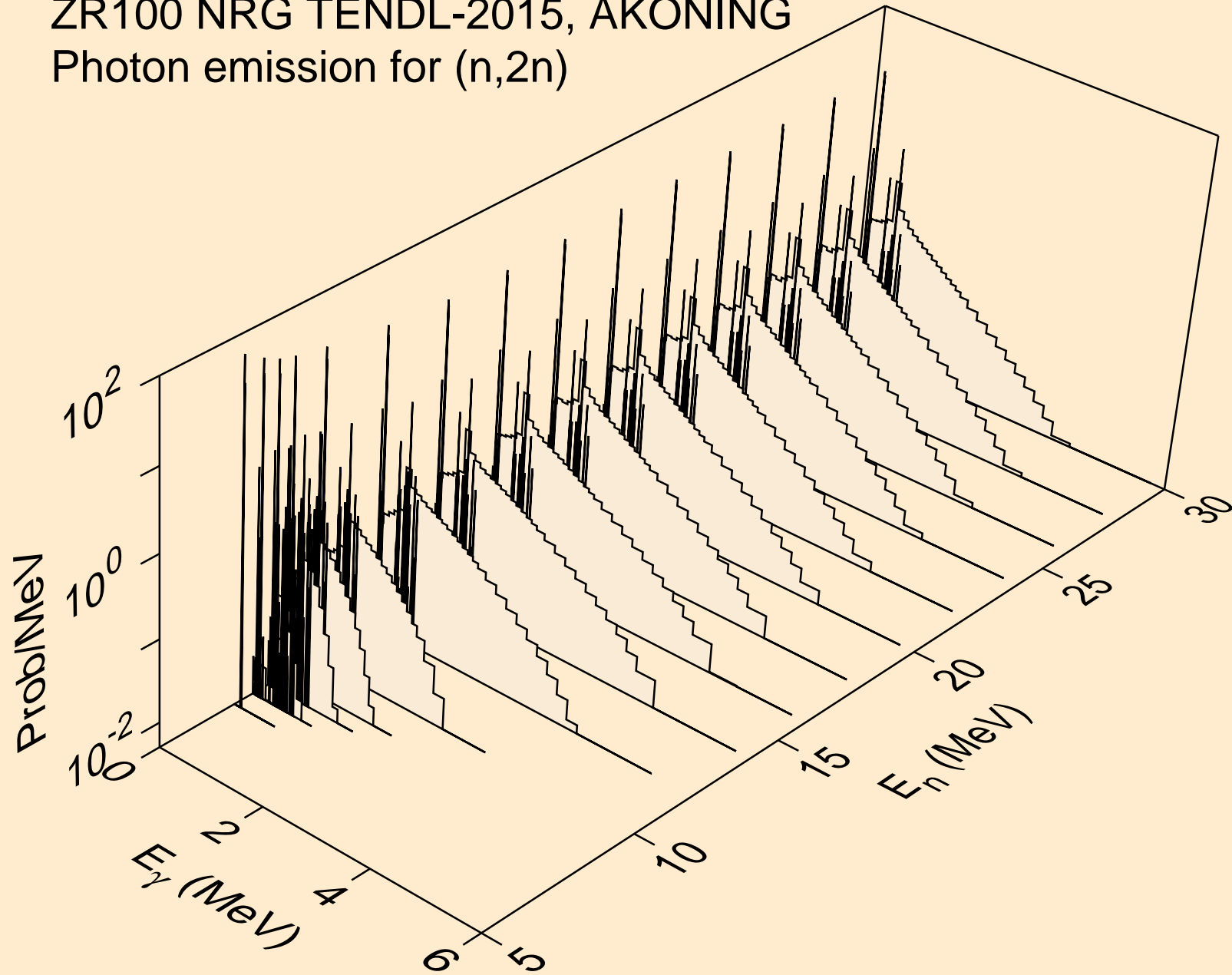
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



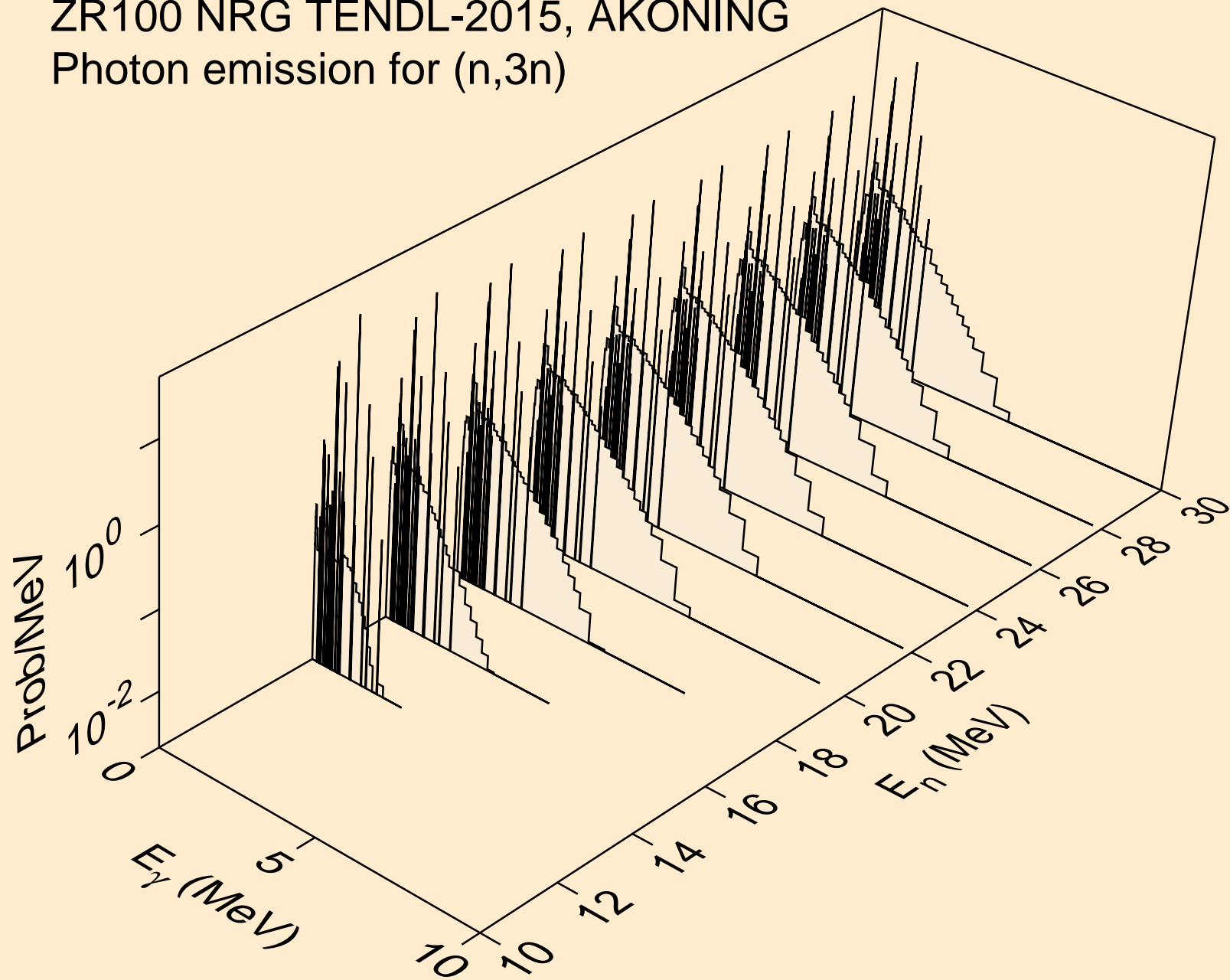
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



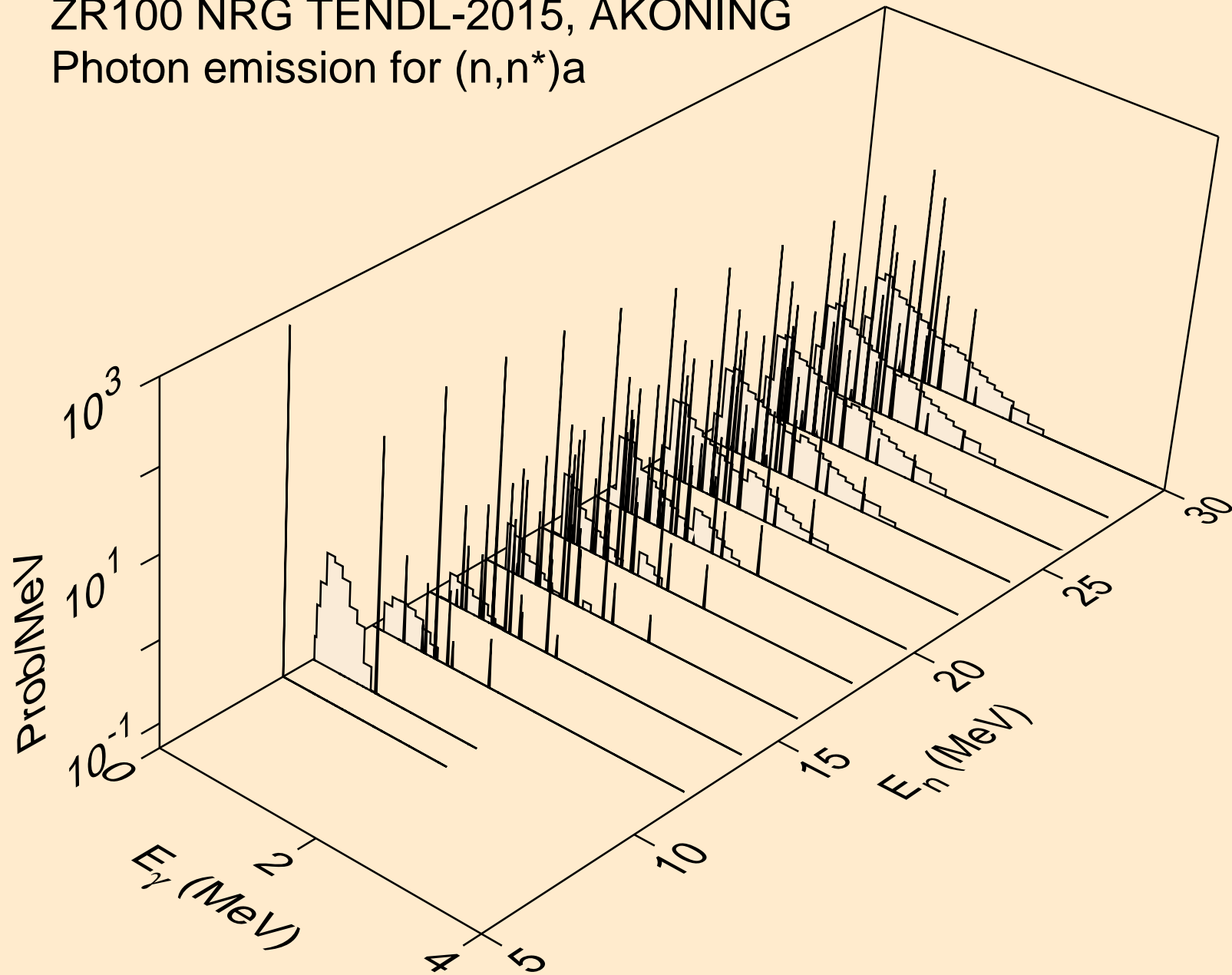
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



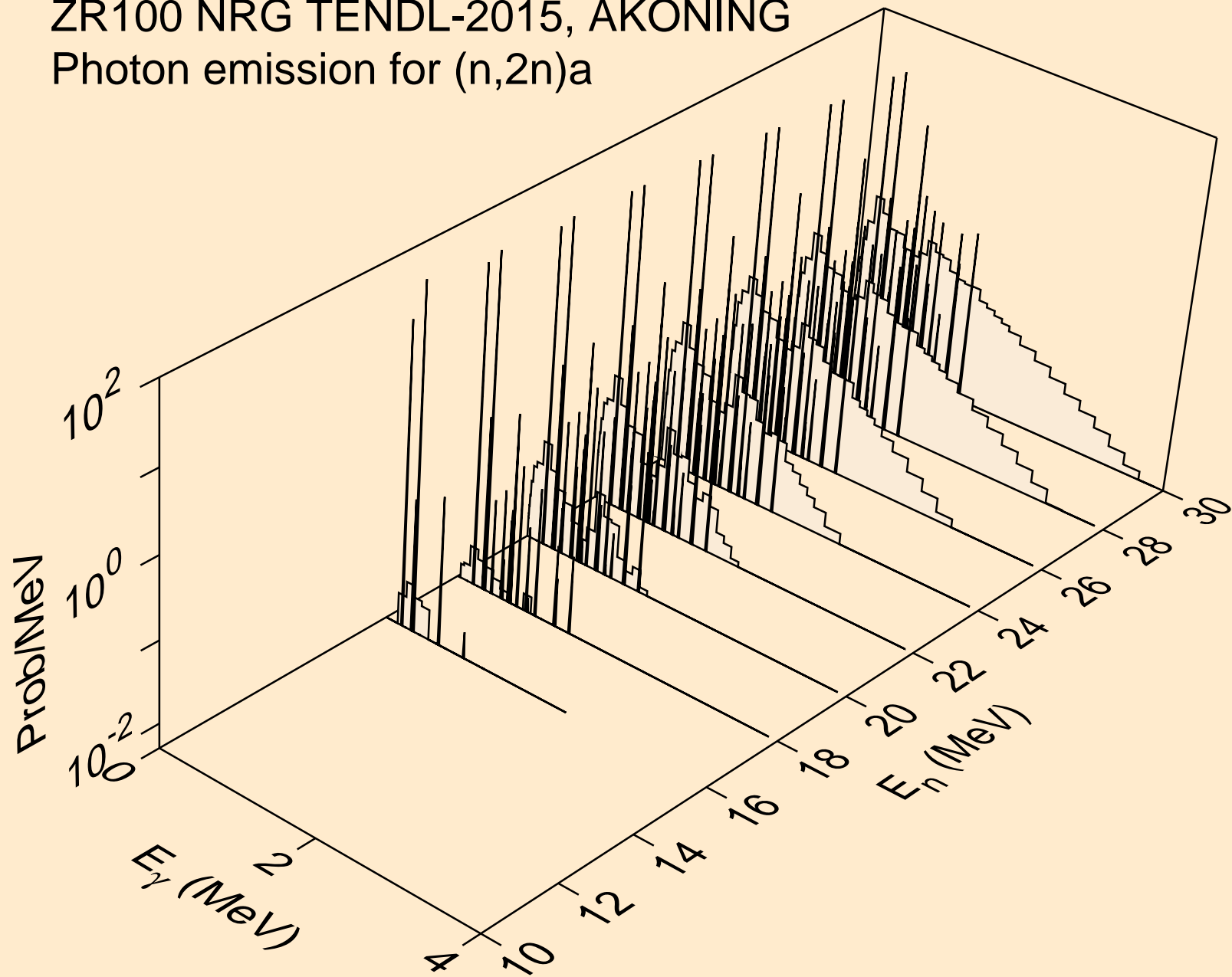
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

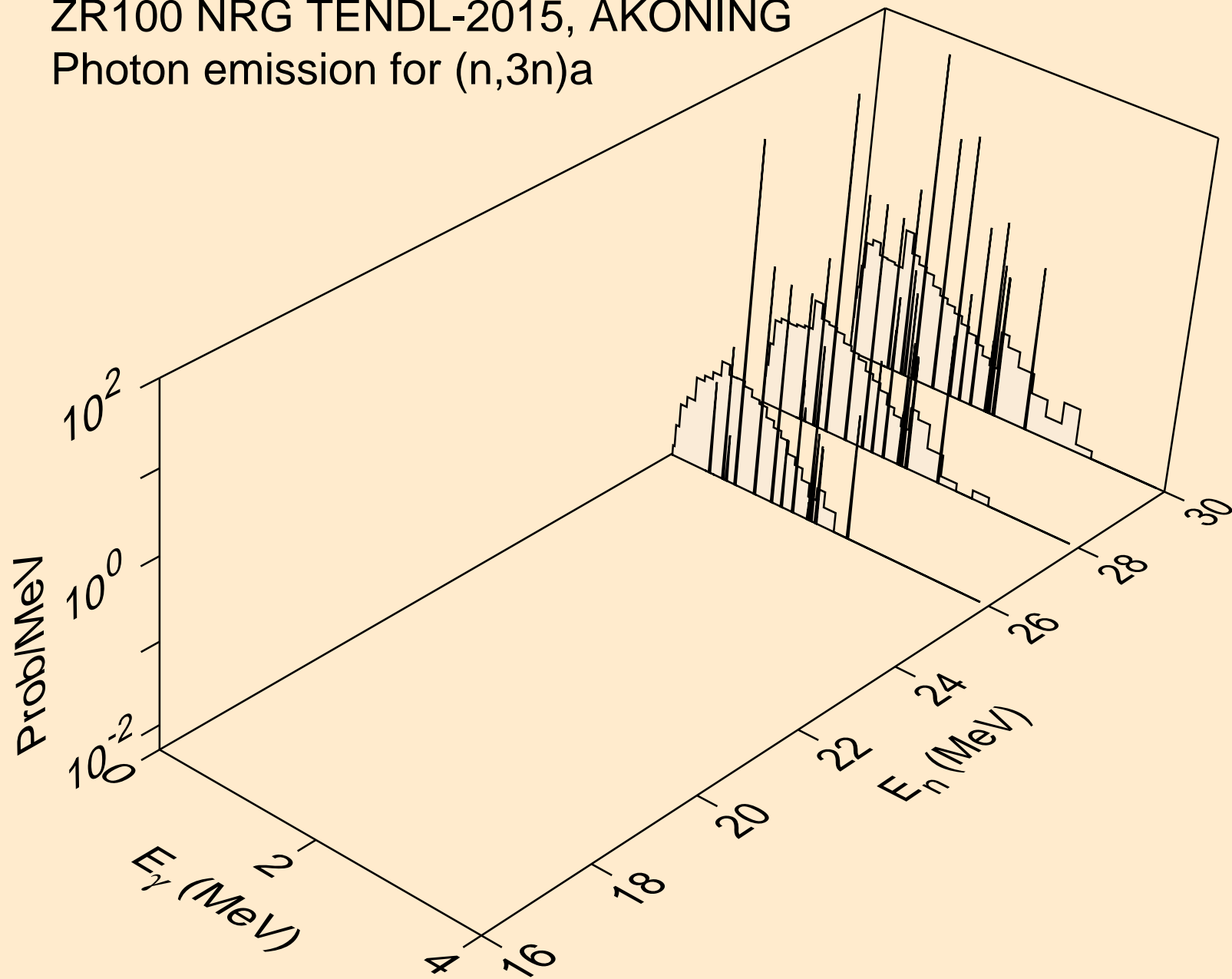


ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

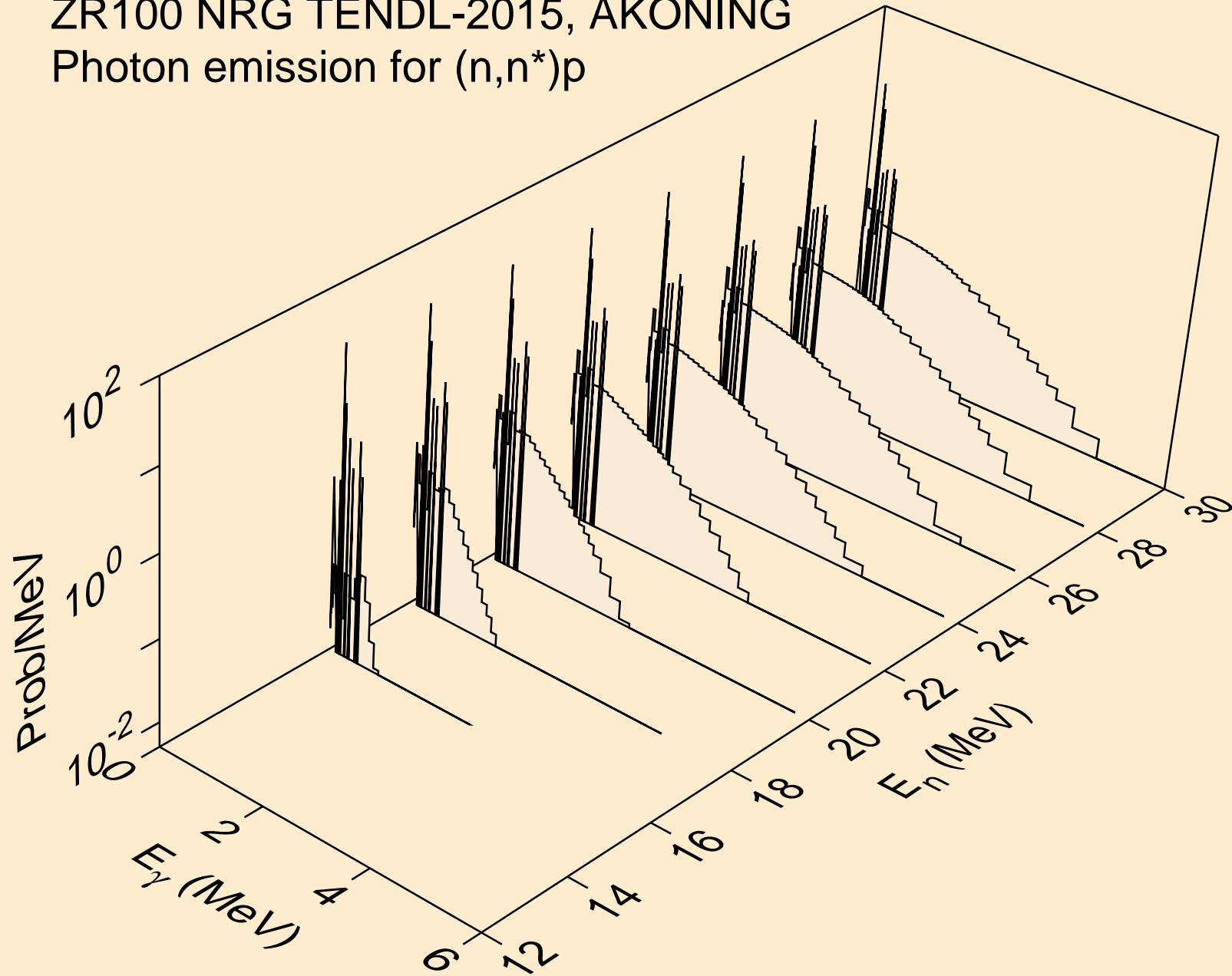




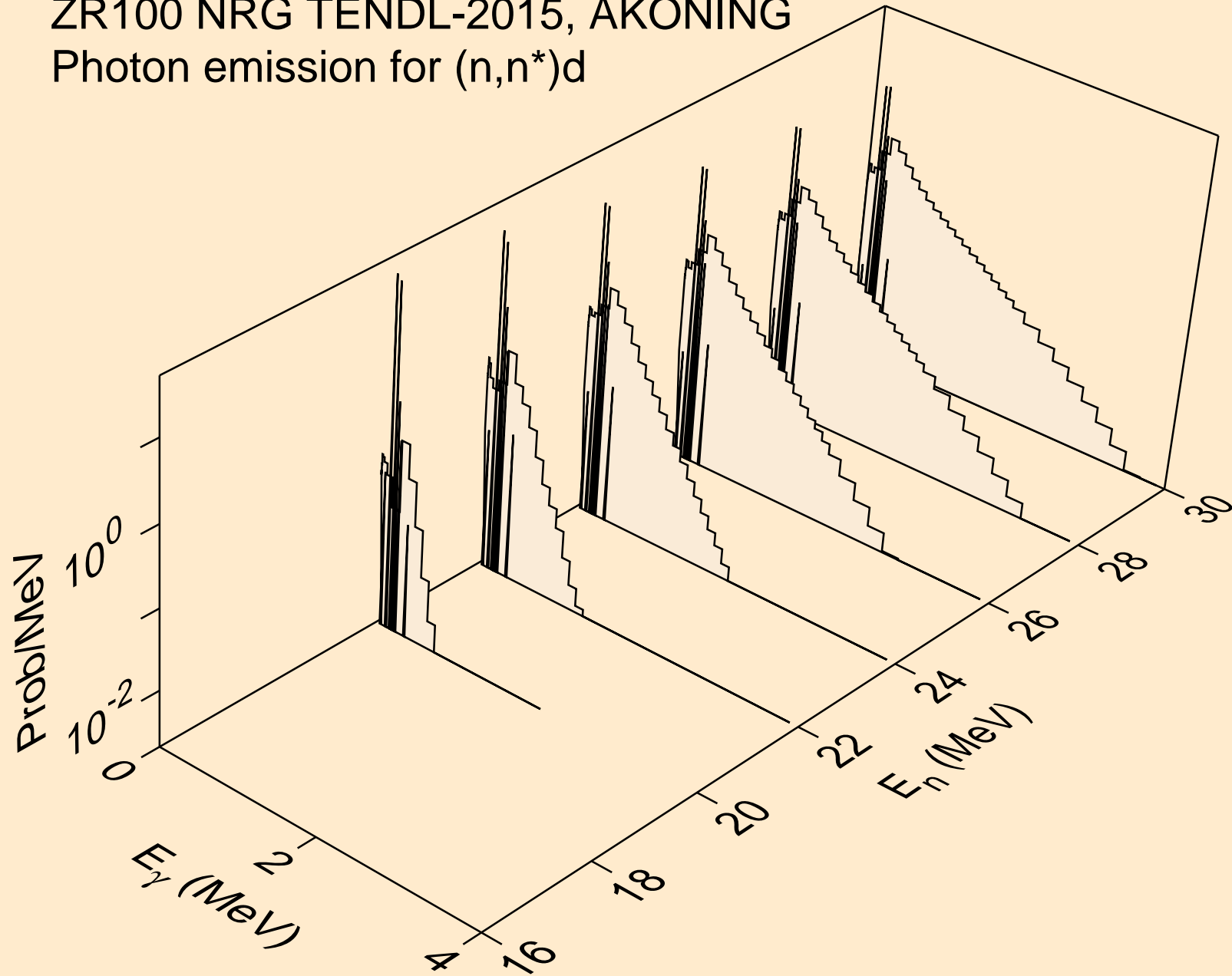
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



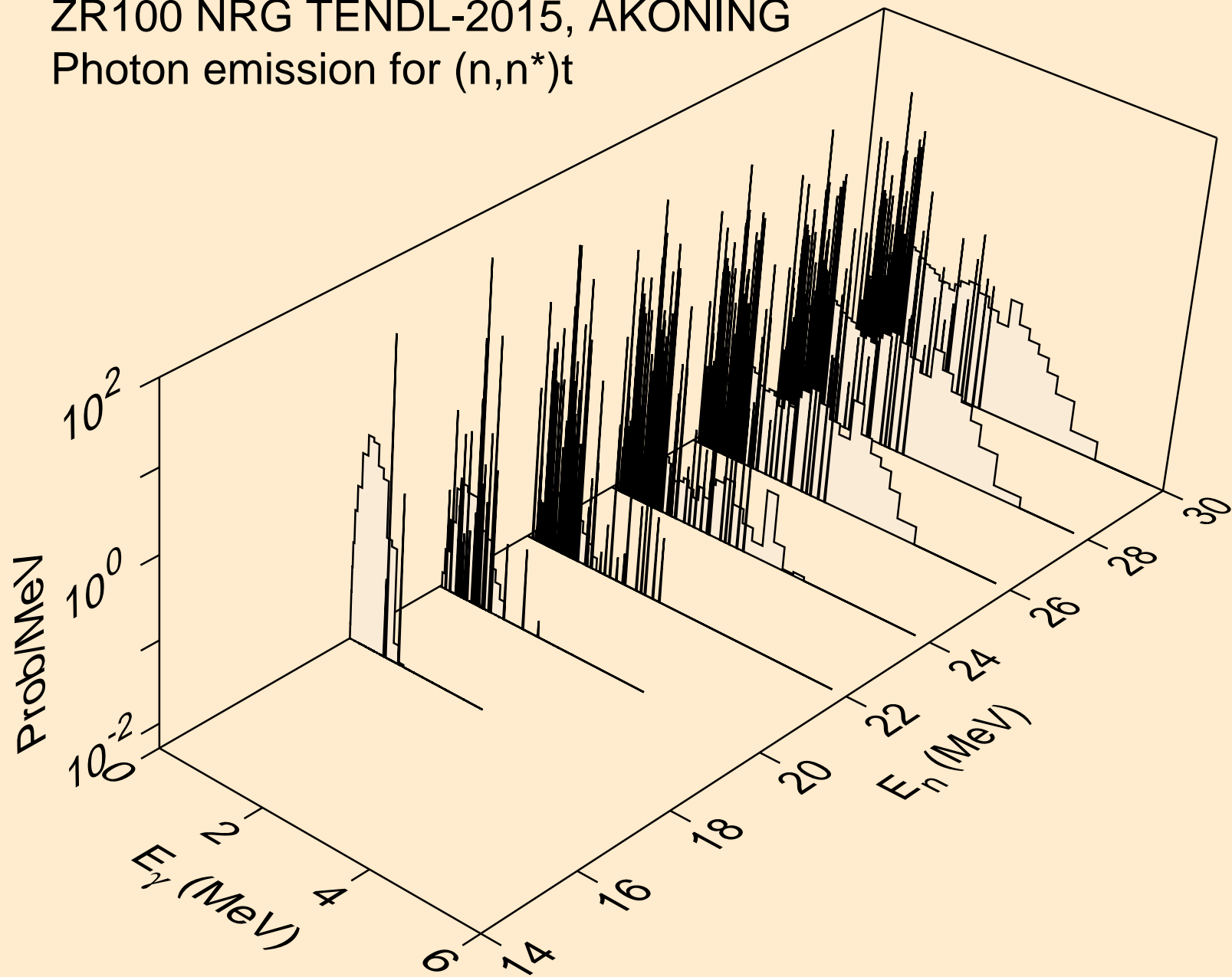
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



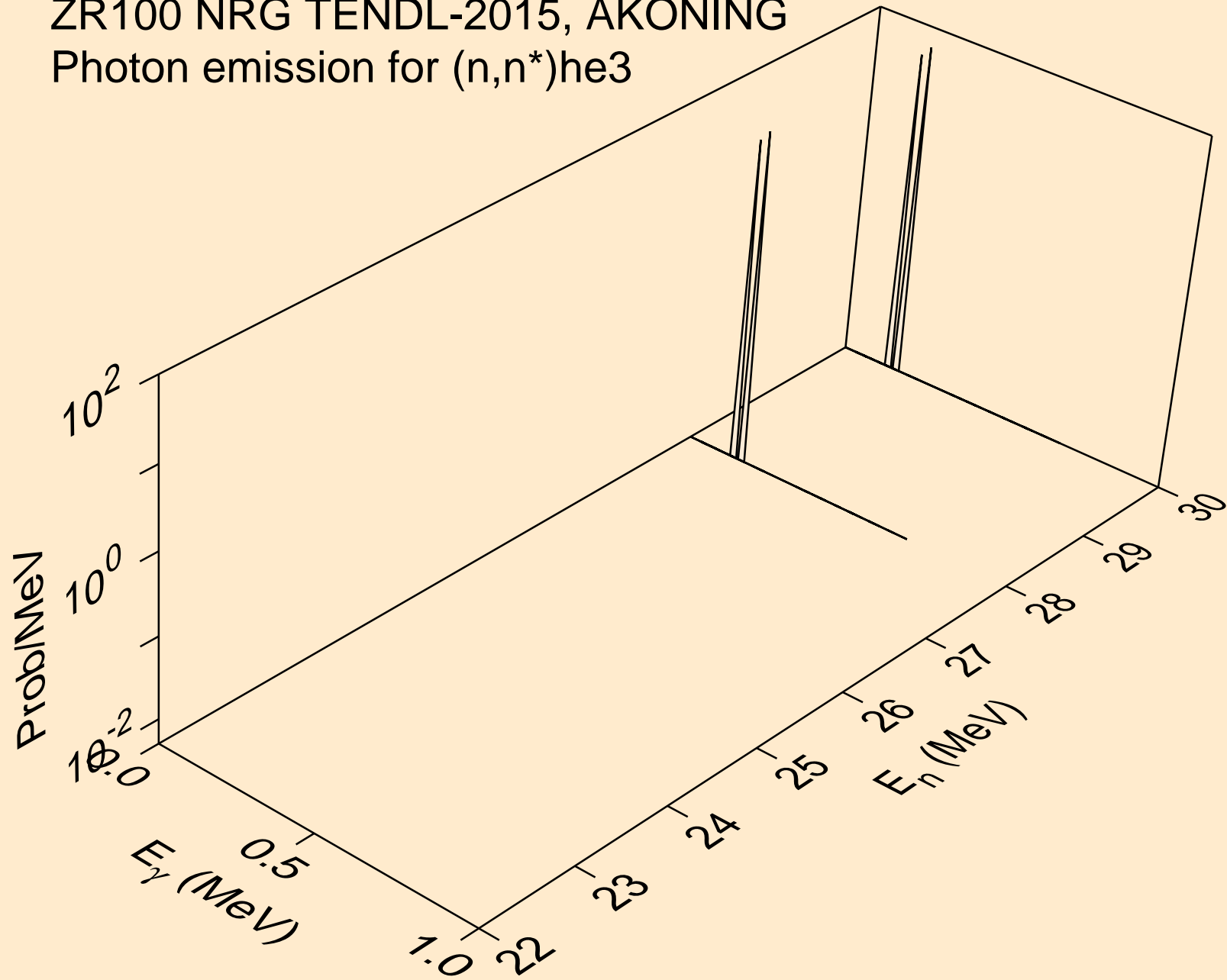
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



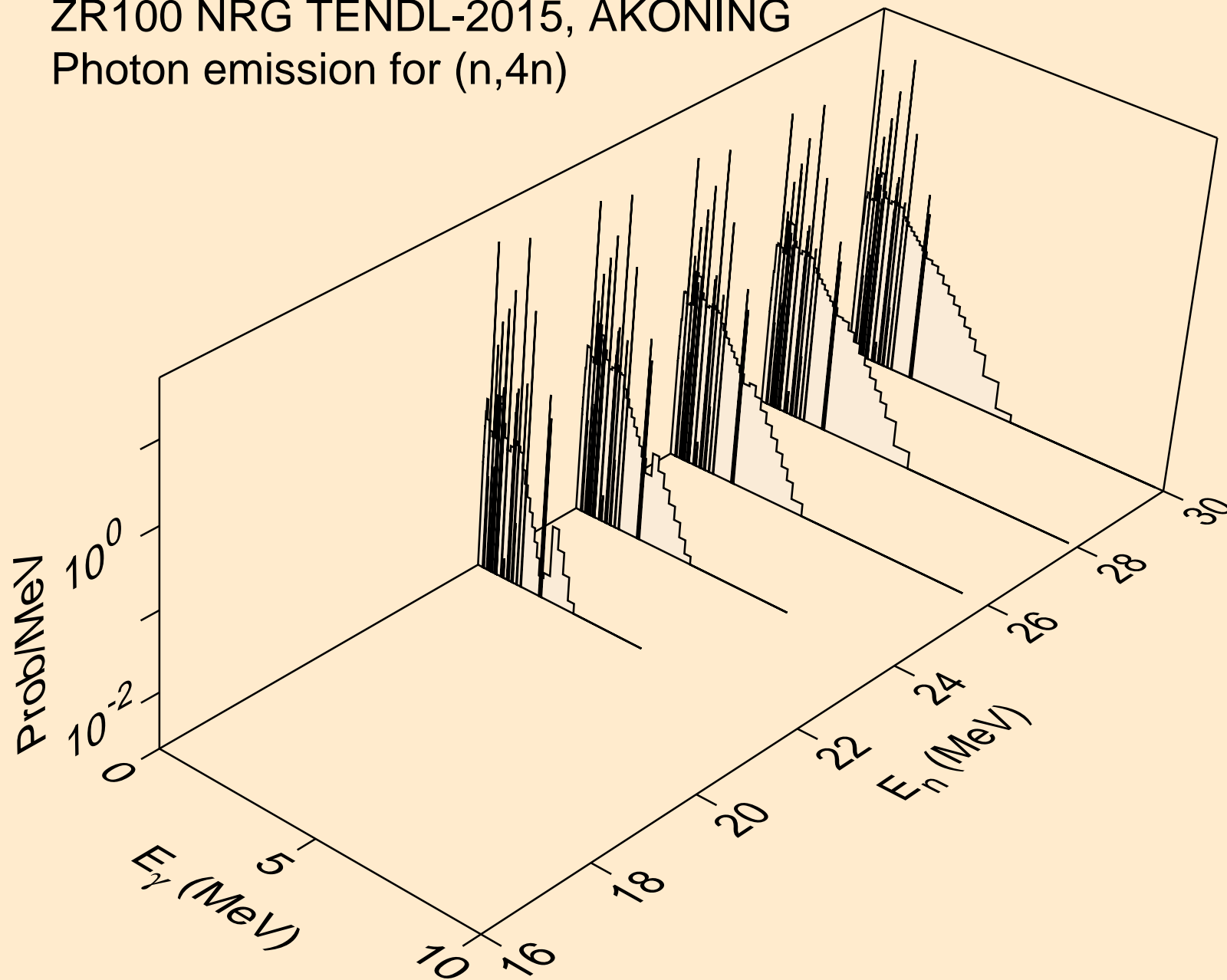
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



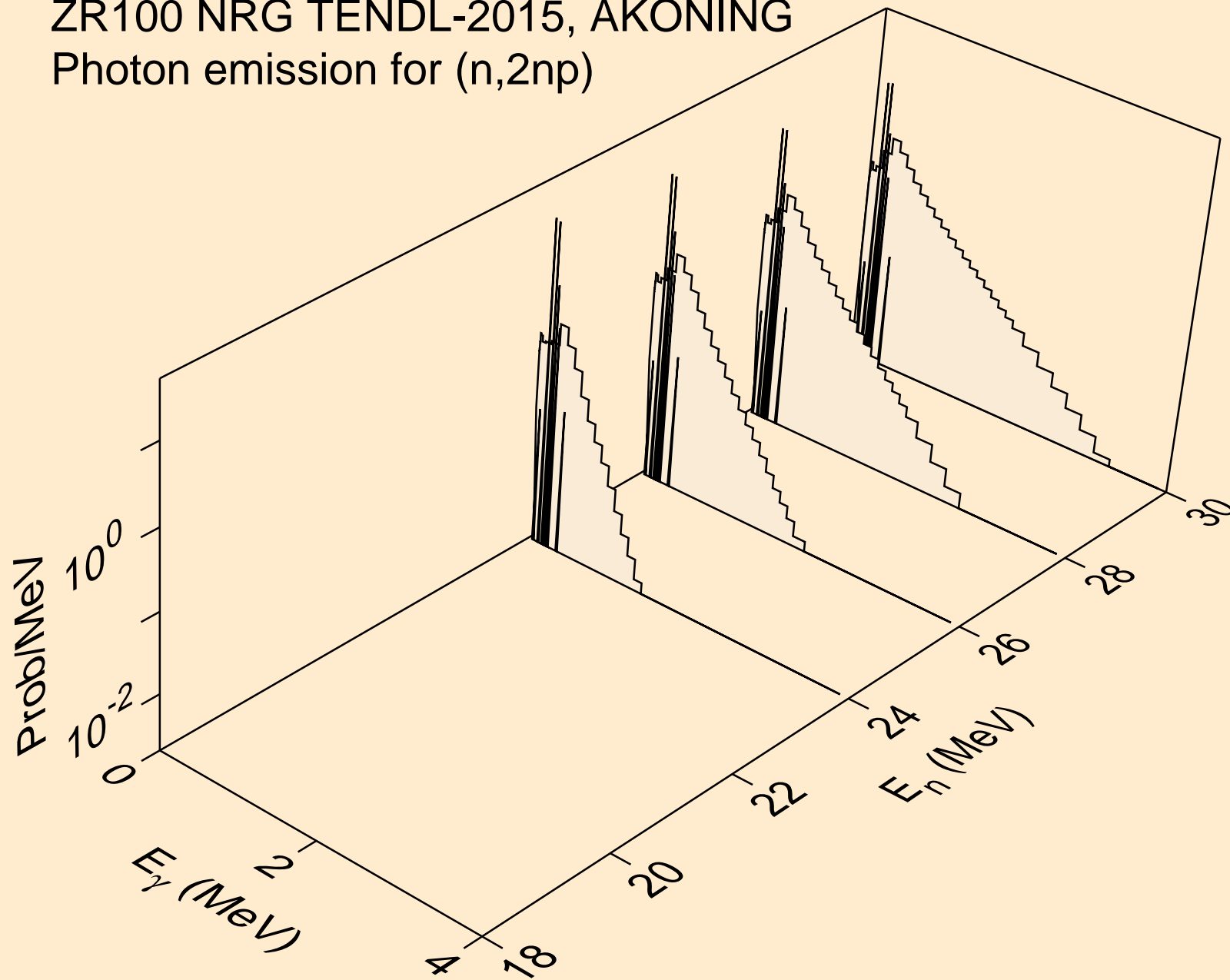
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



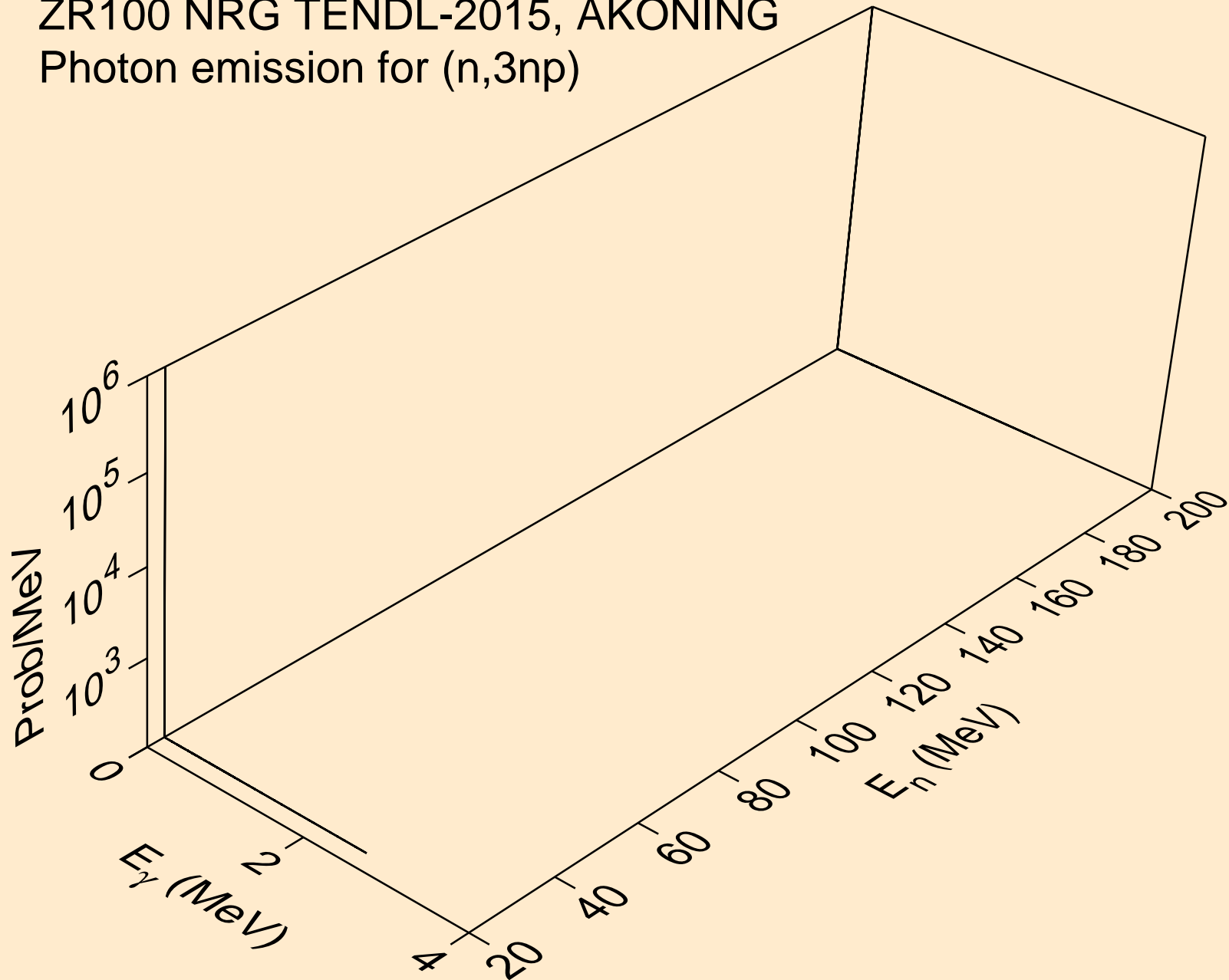
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

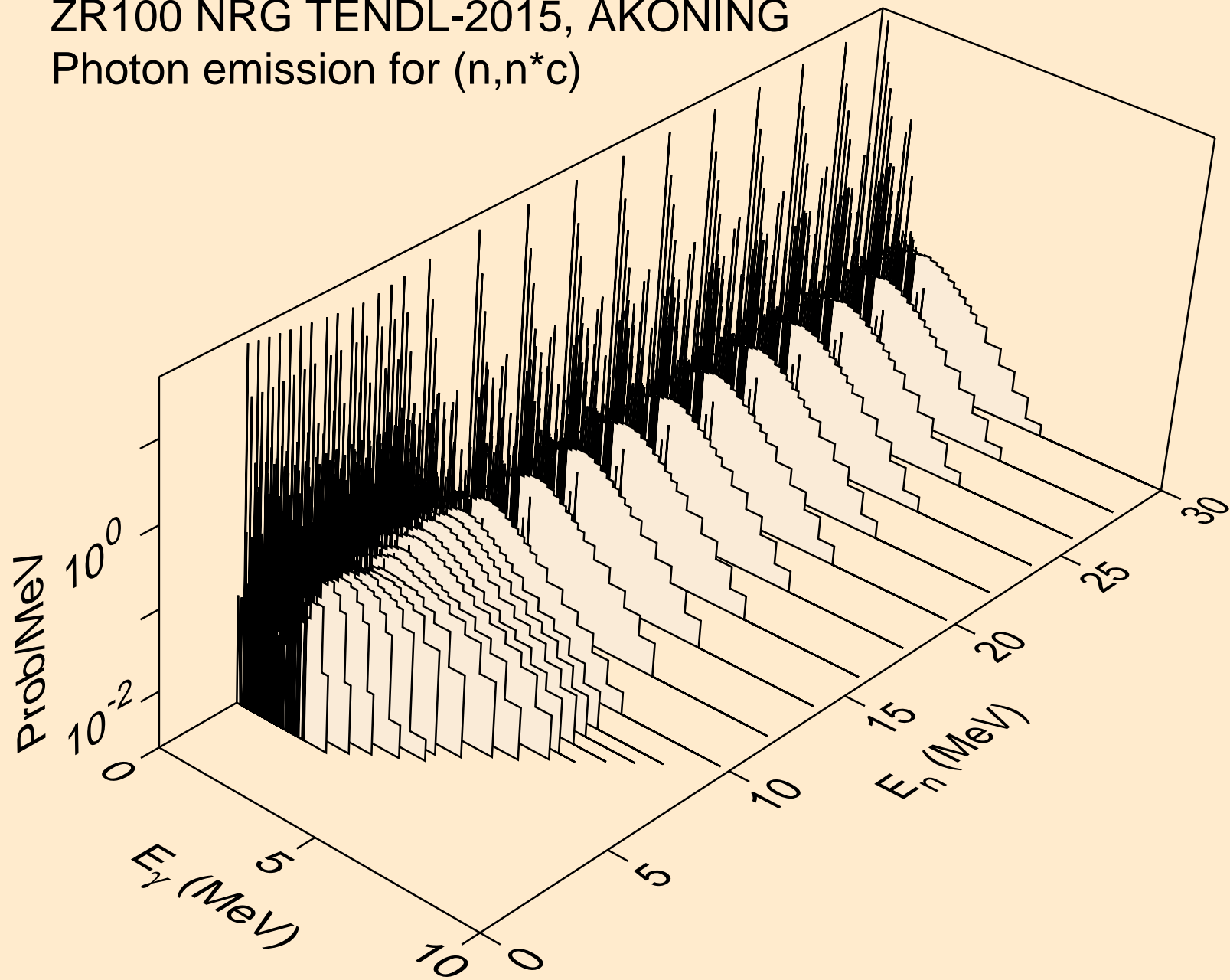


ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

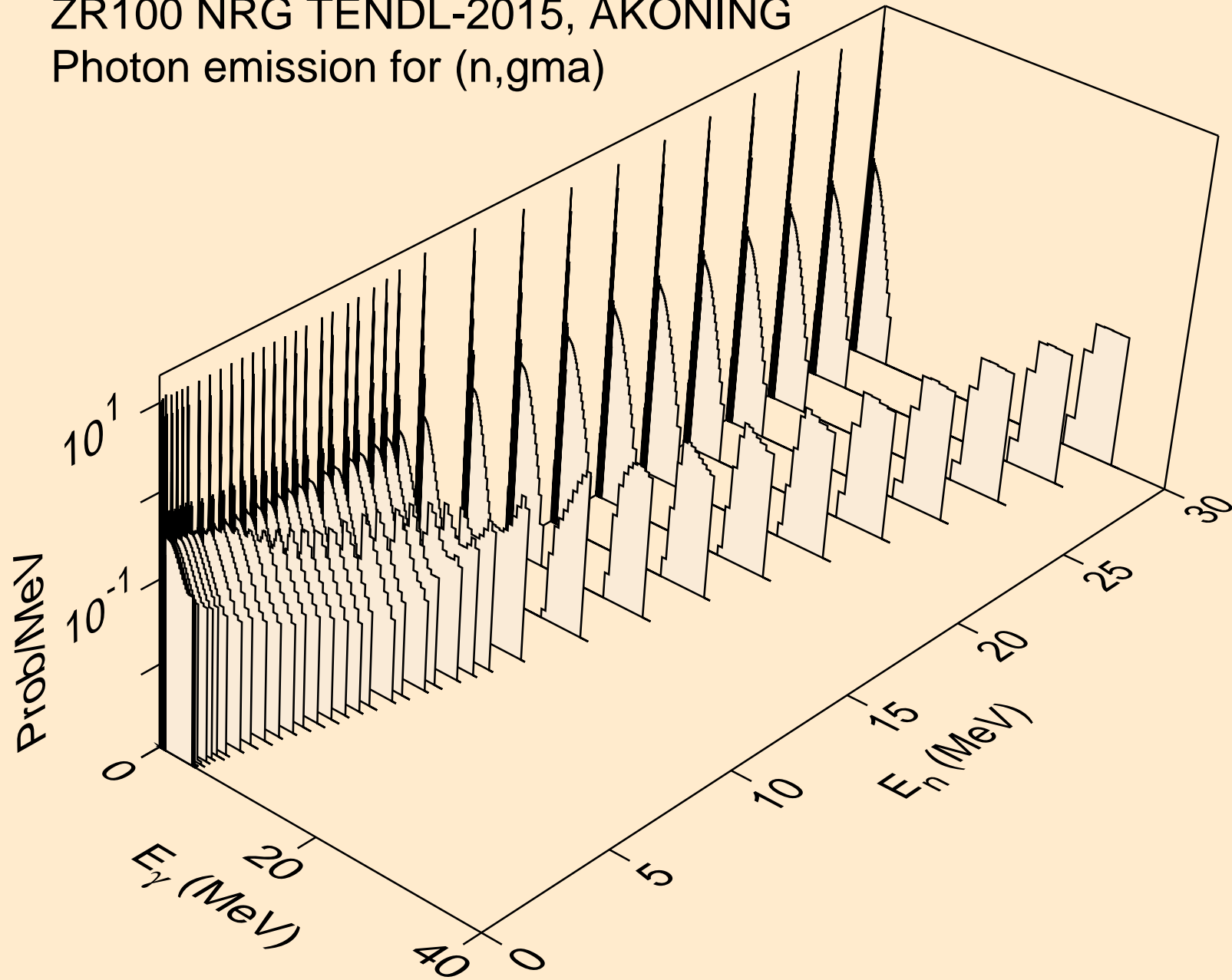




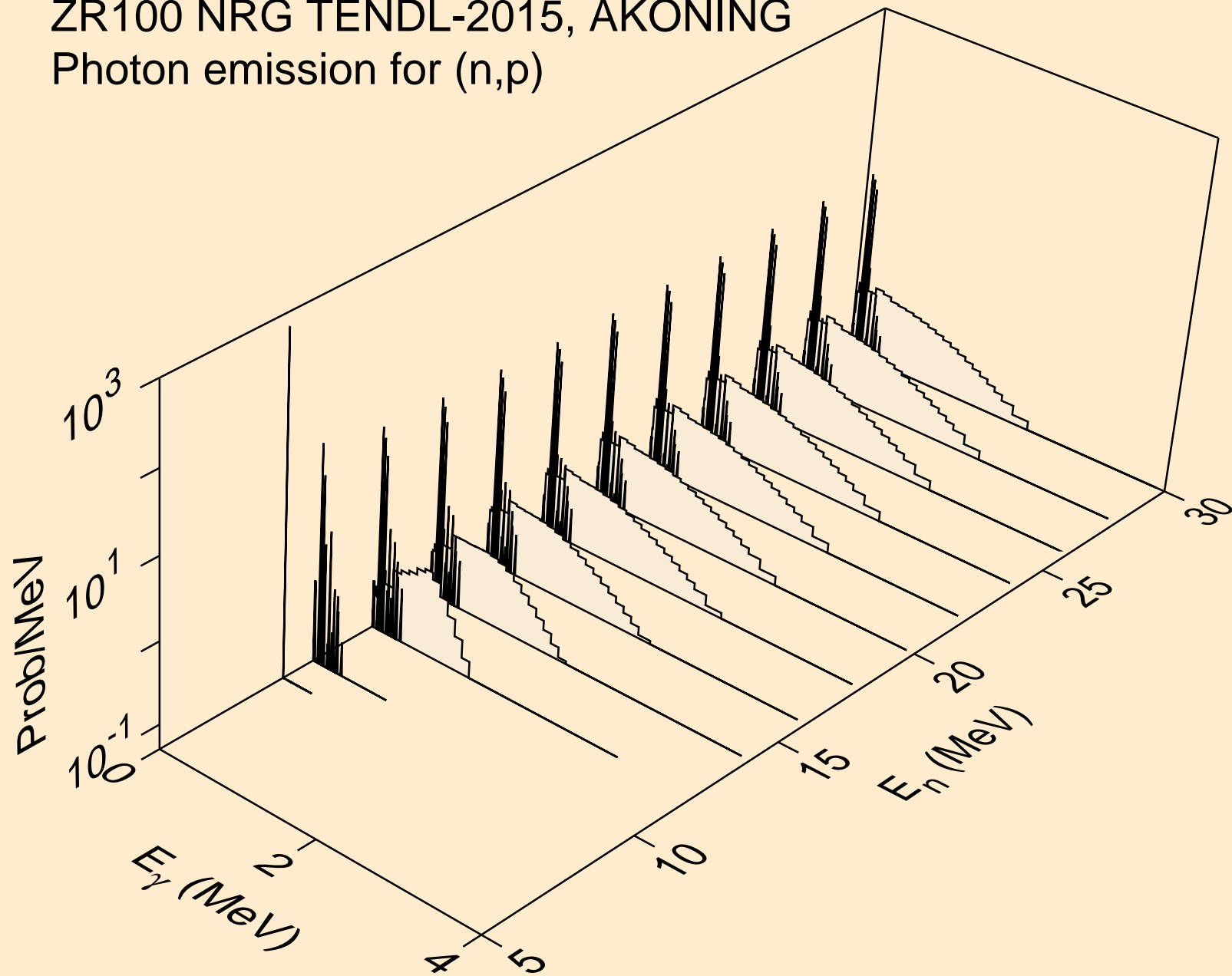
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



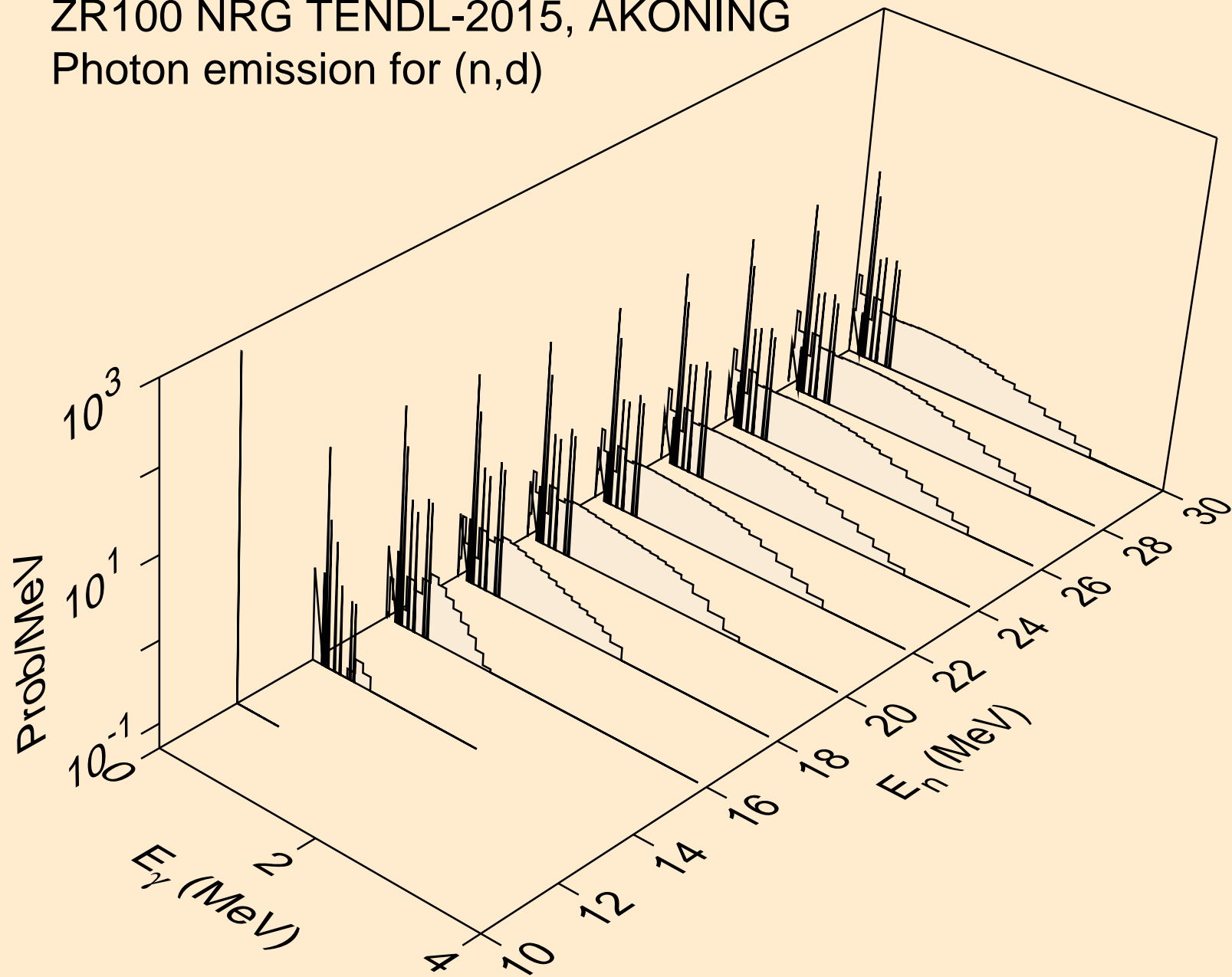
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



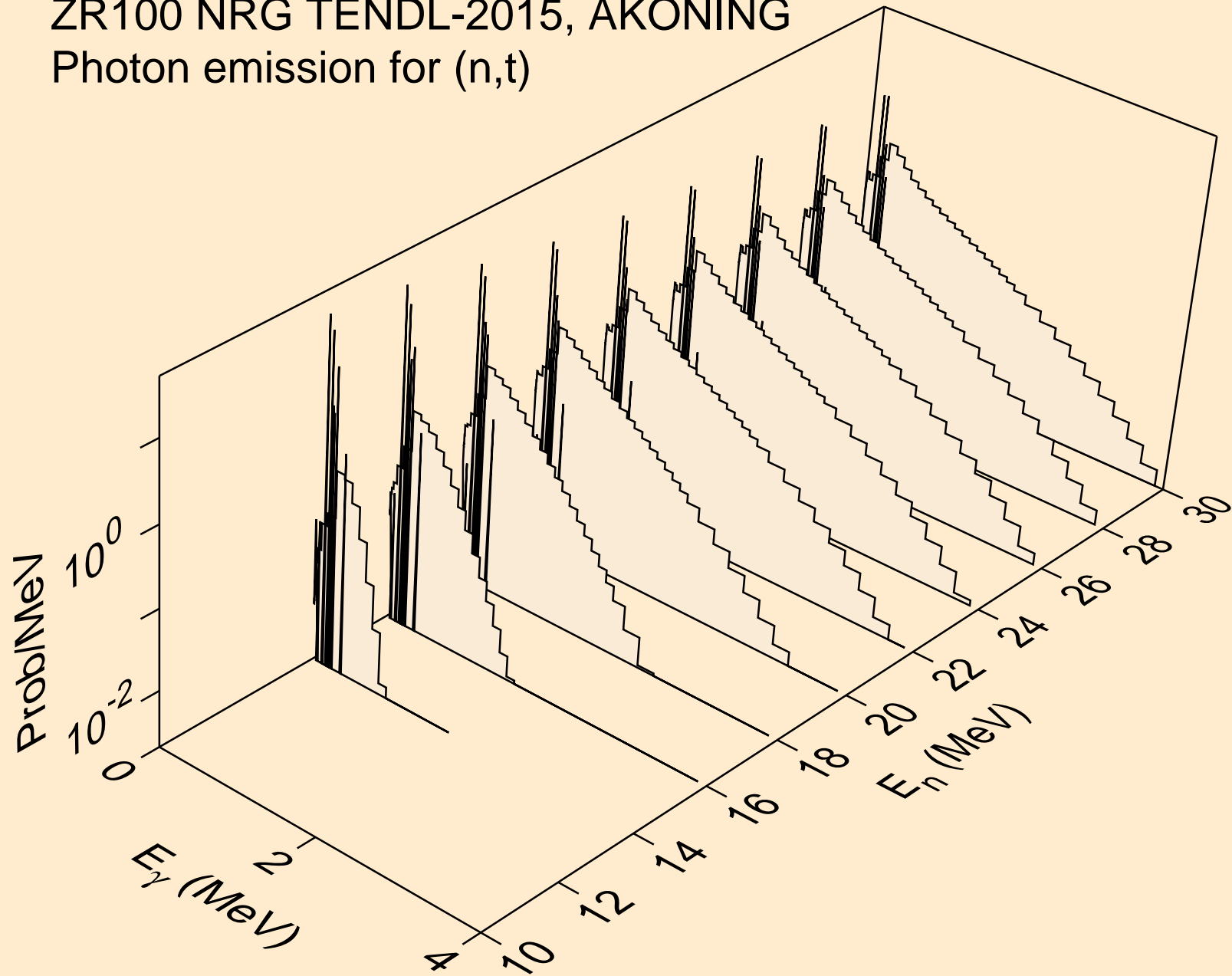
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



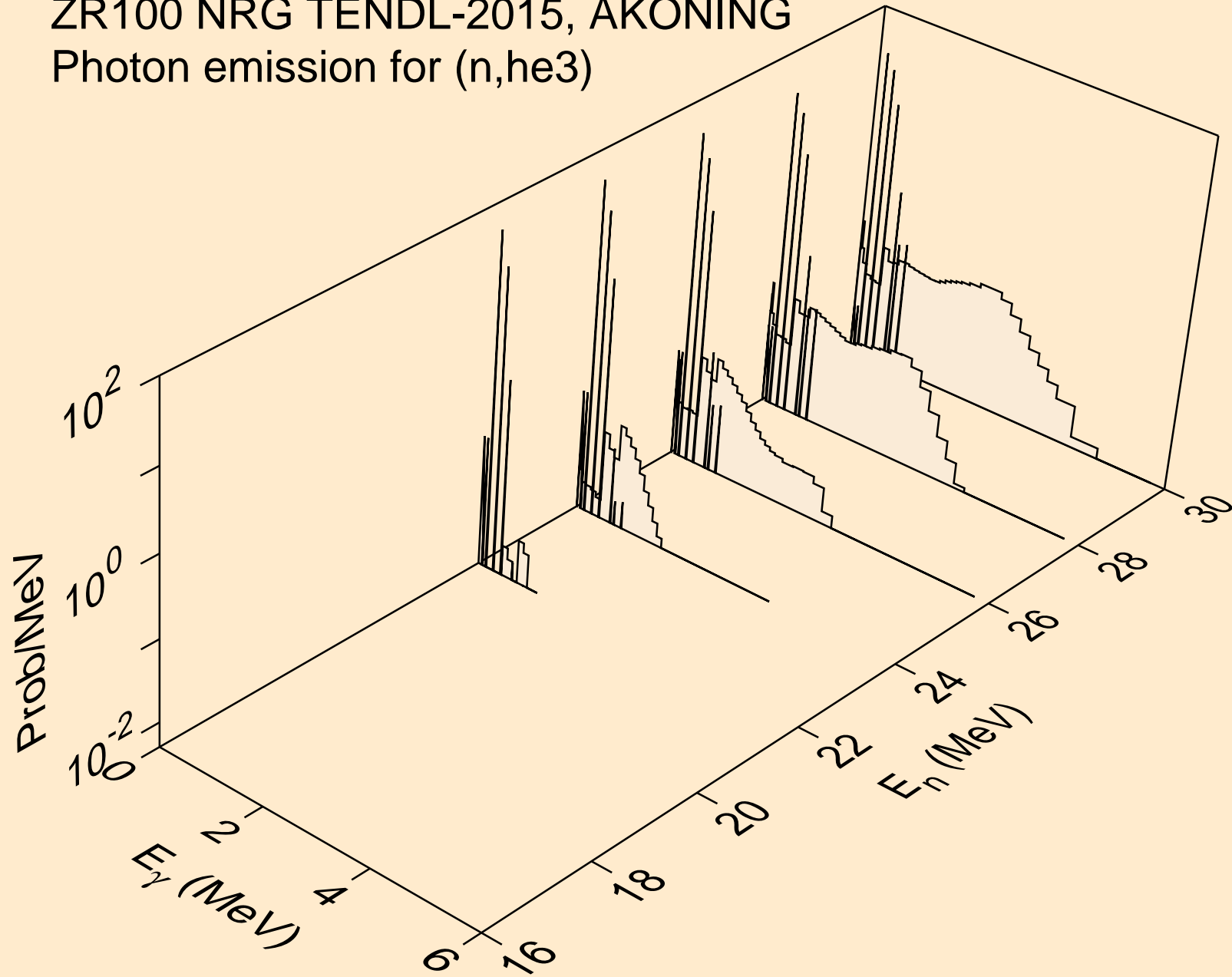
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



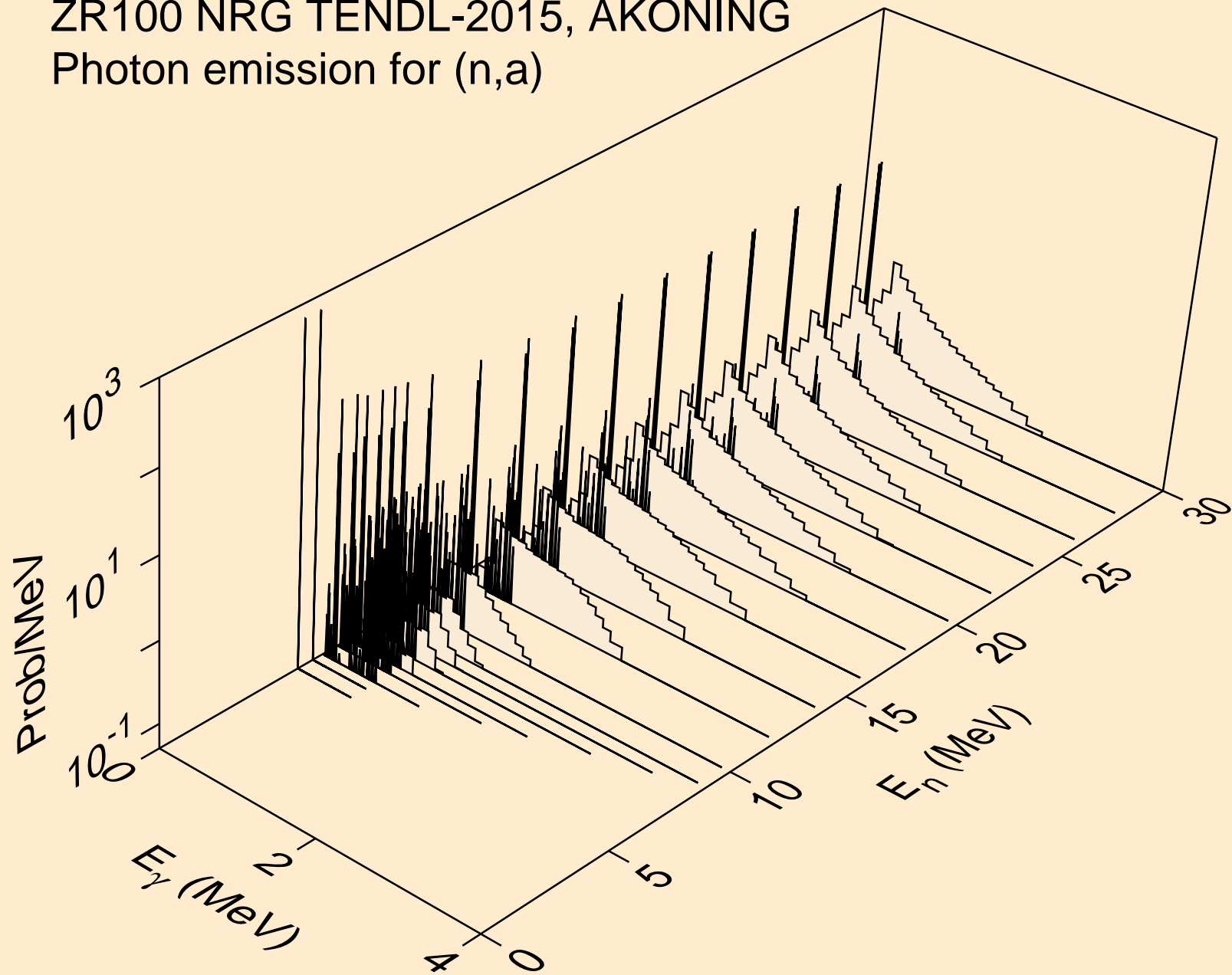
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



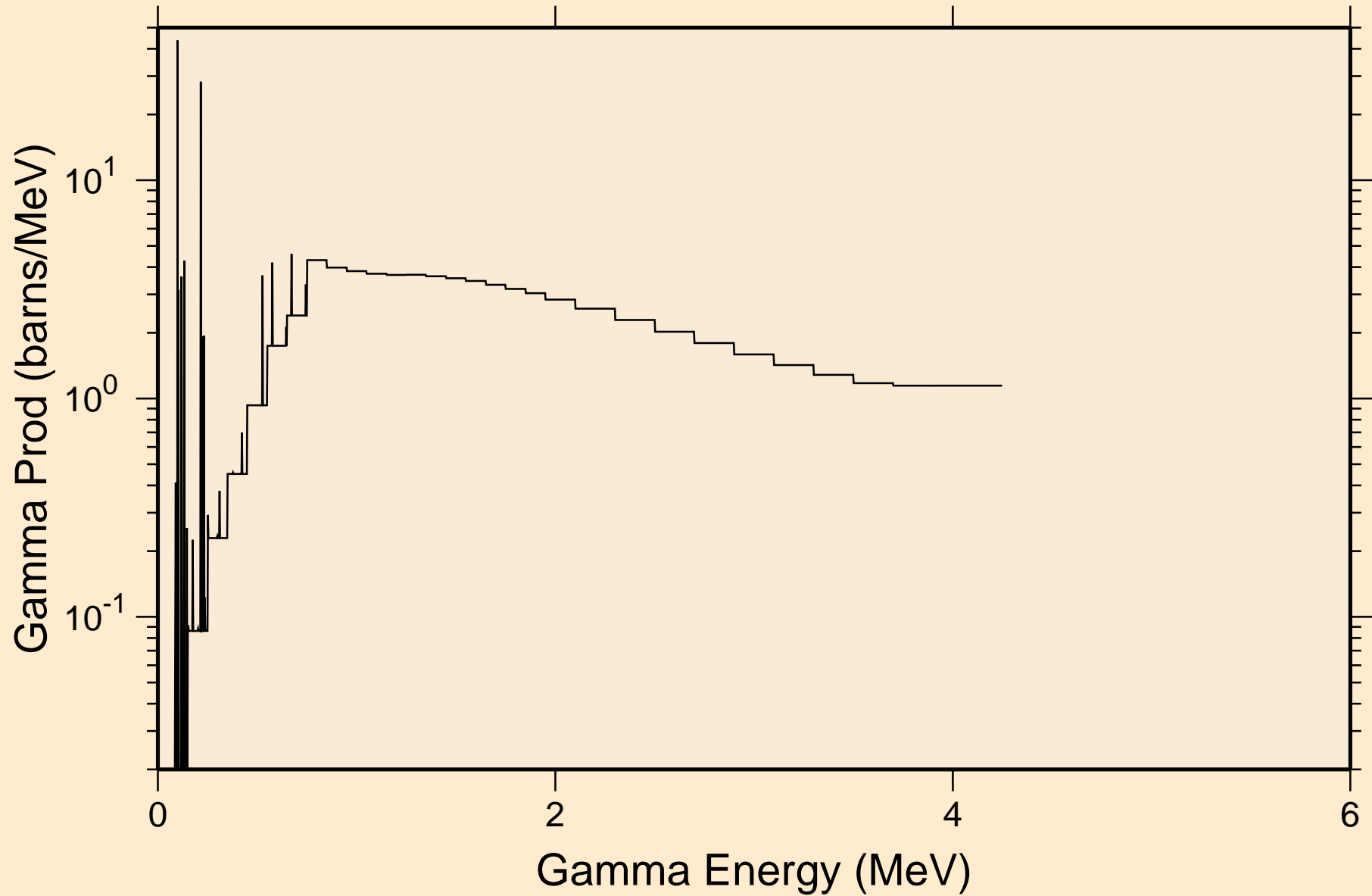
ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



ZR100 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

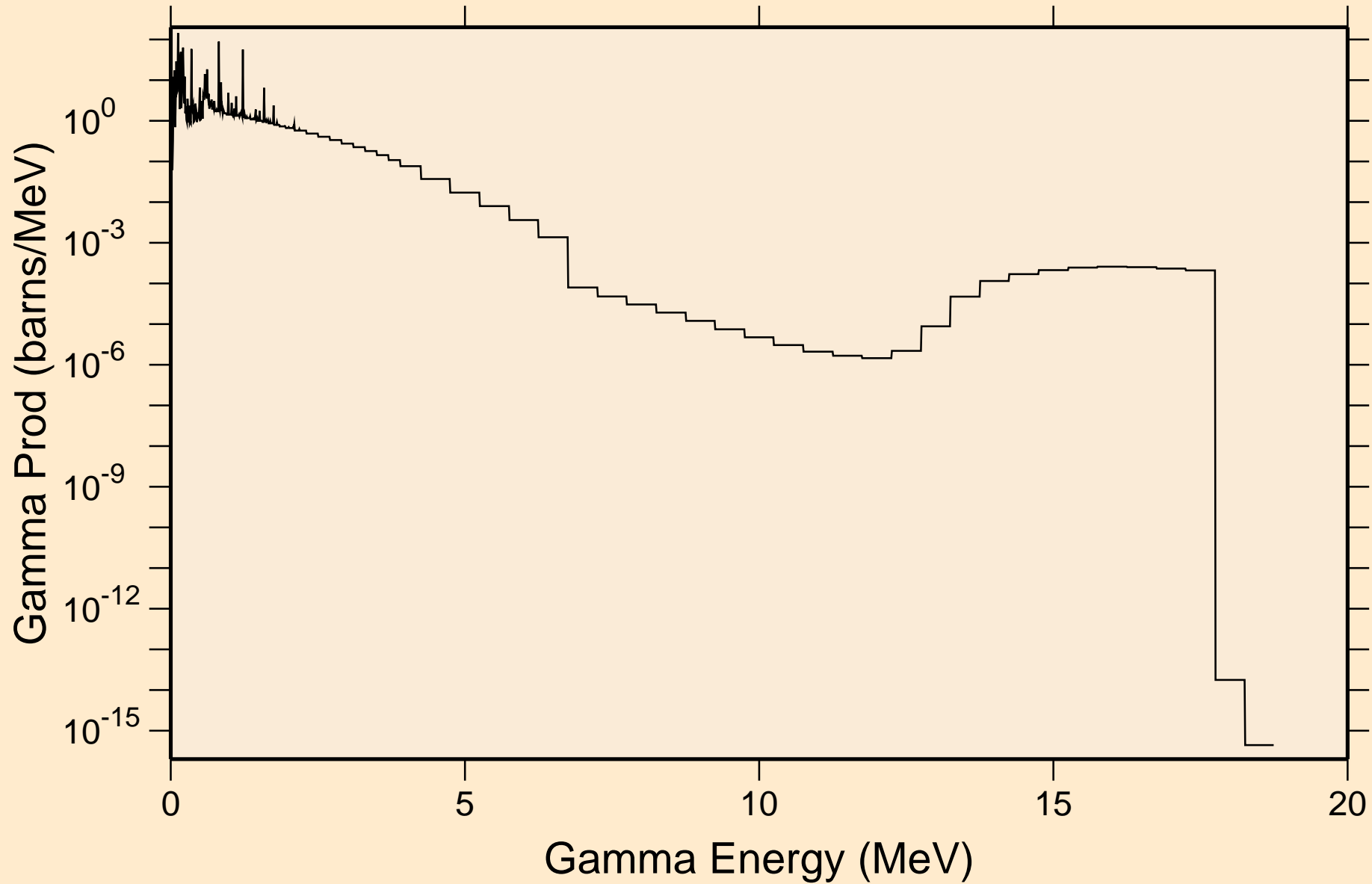


ZR100 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



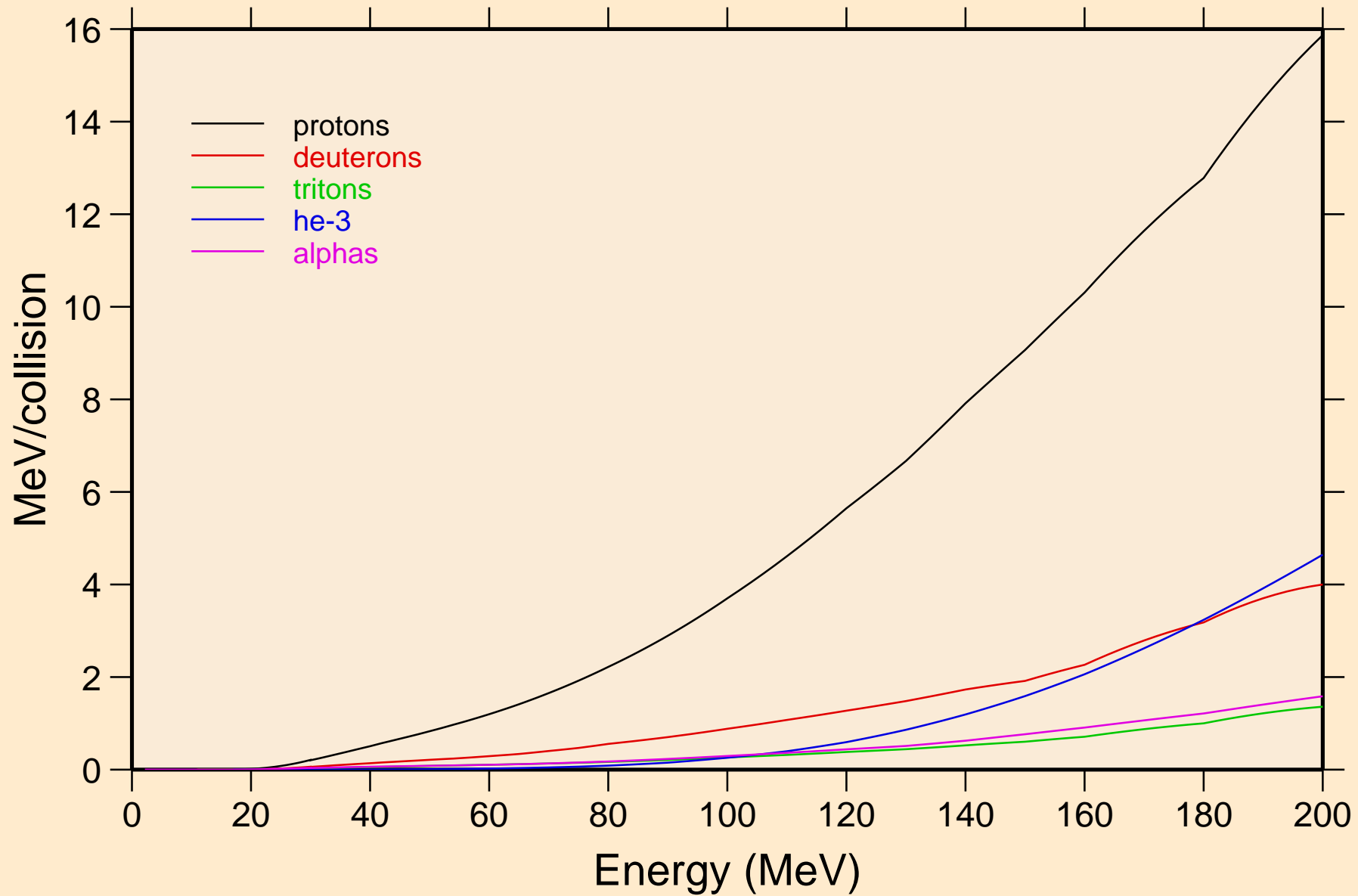


ZR100 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



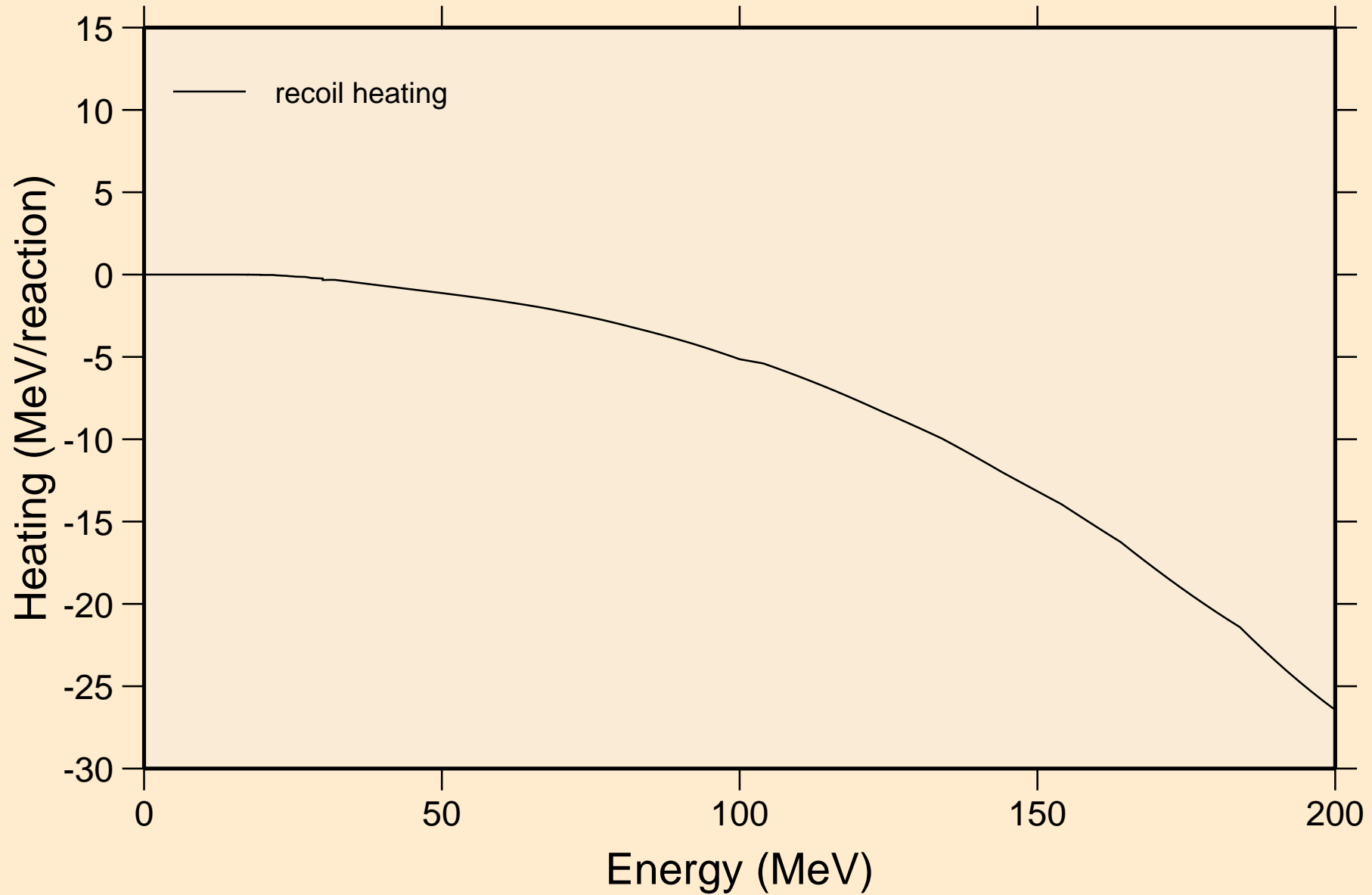
# ZR100 NRG TENDL-2015, AKONING

## Particle heating contributions



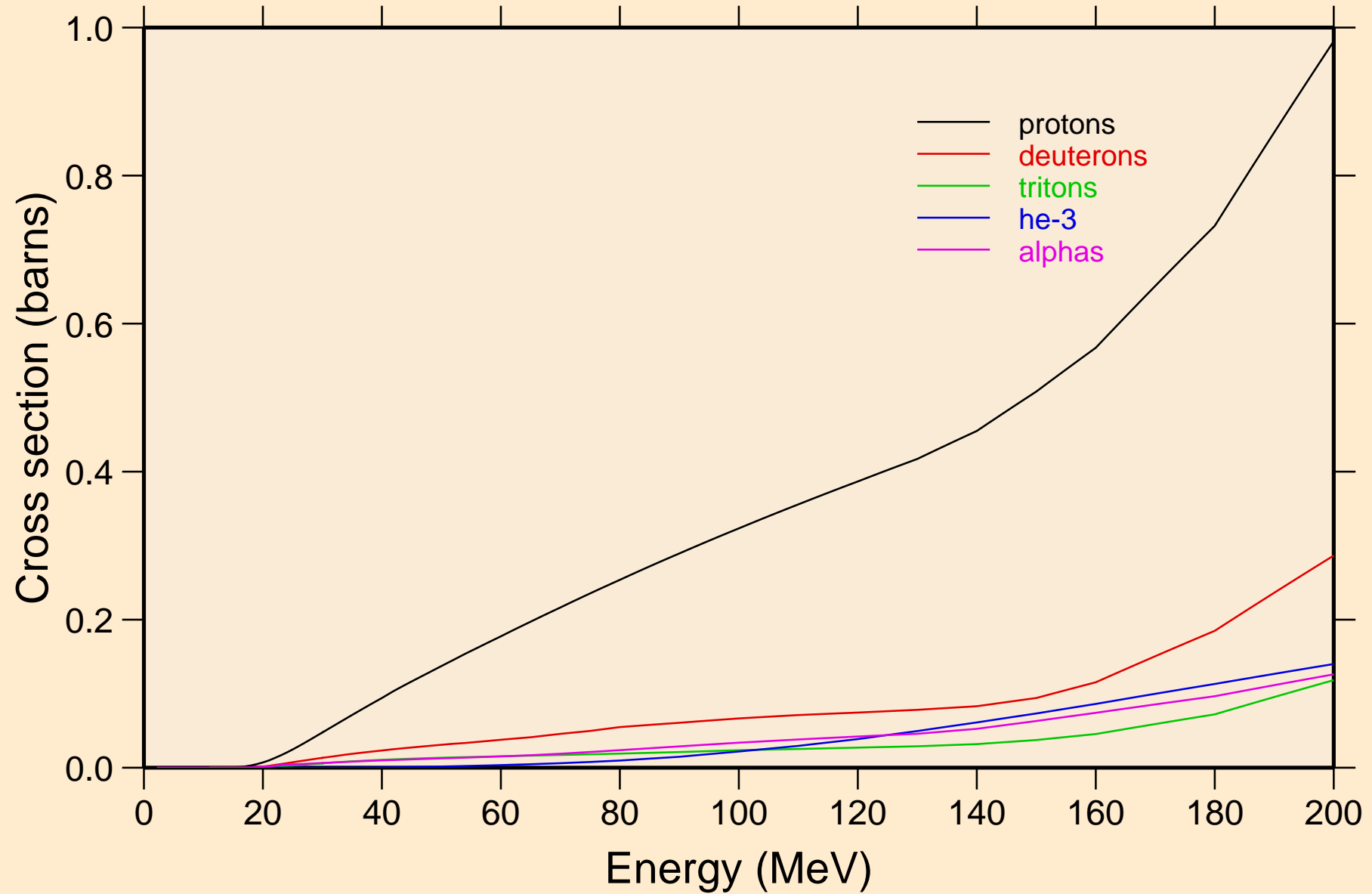
# ZR100 NRG TENDL-2015, AKONING

## Recoil Heating

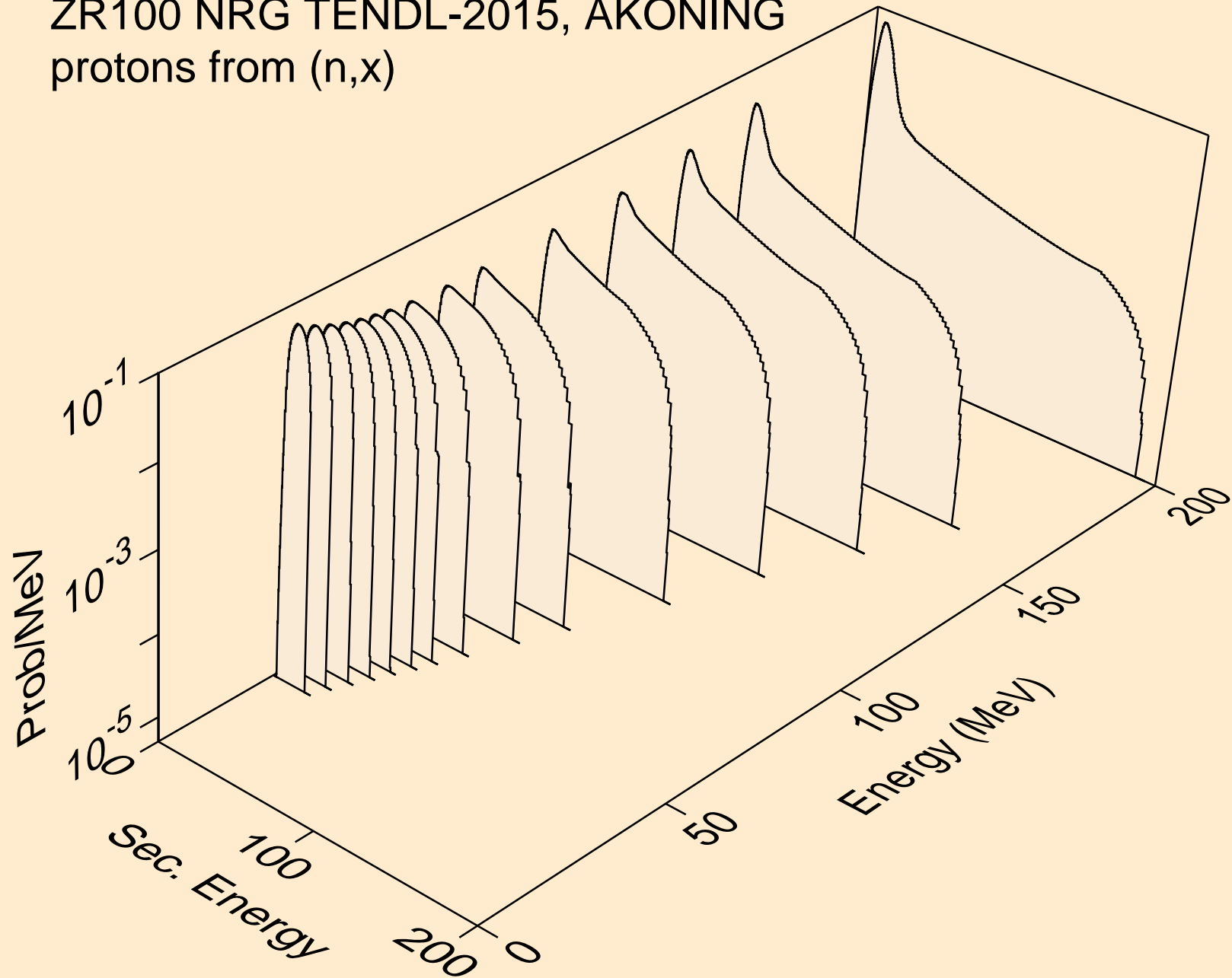


# ZR100 NRG TENDL-2015, AKONING

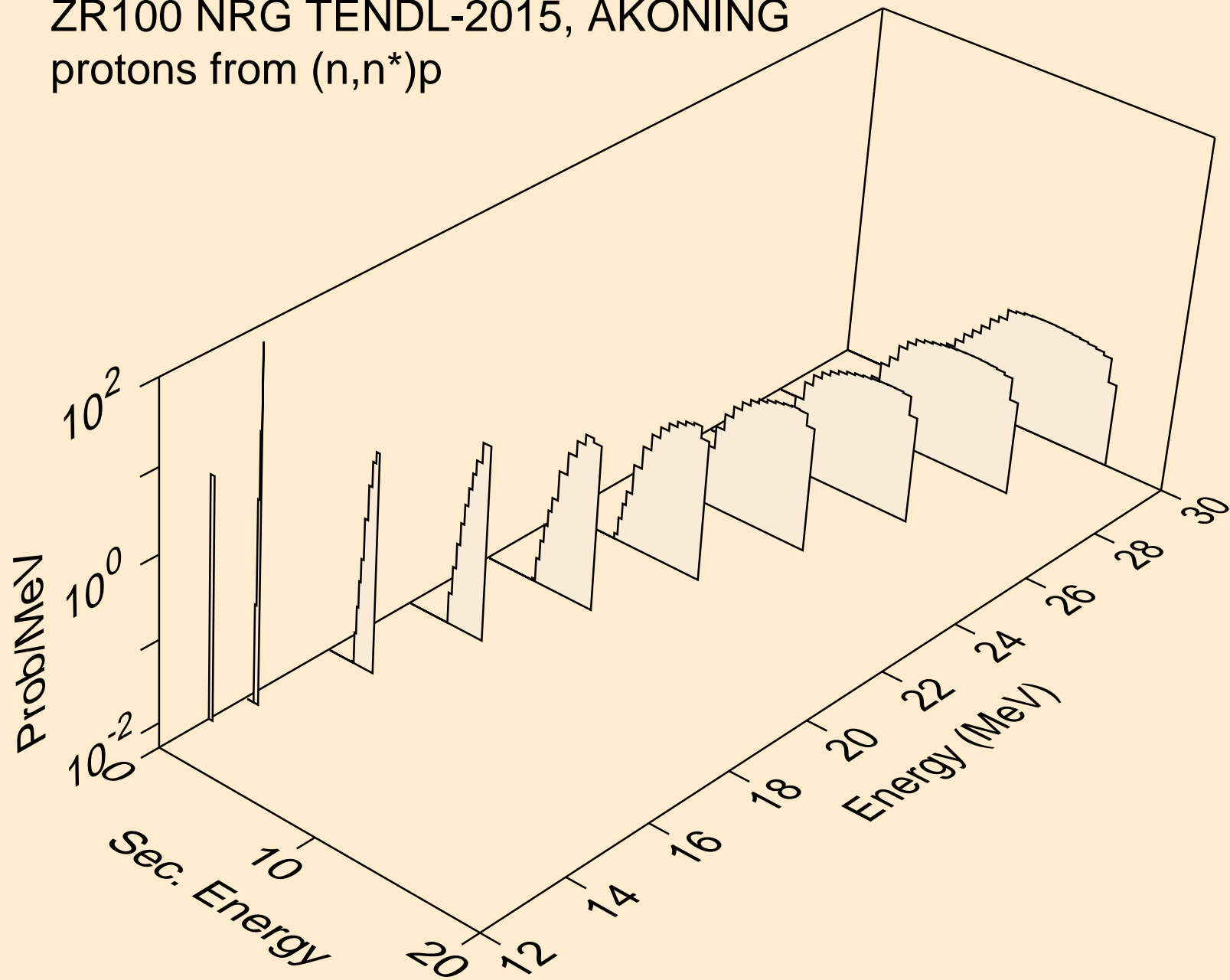
## Particle production cross sections



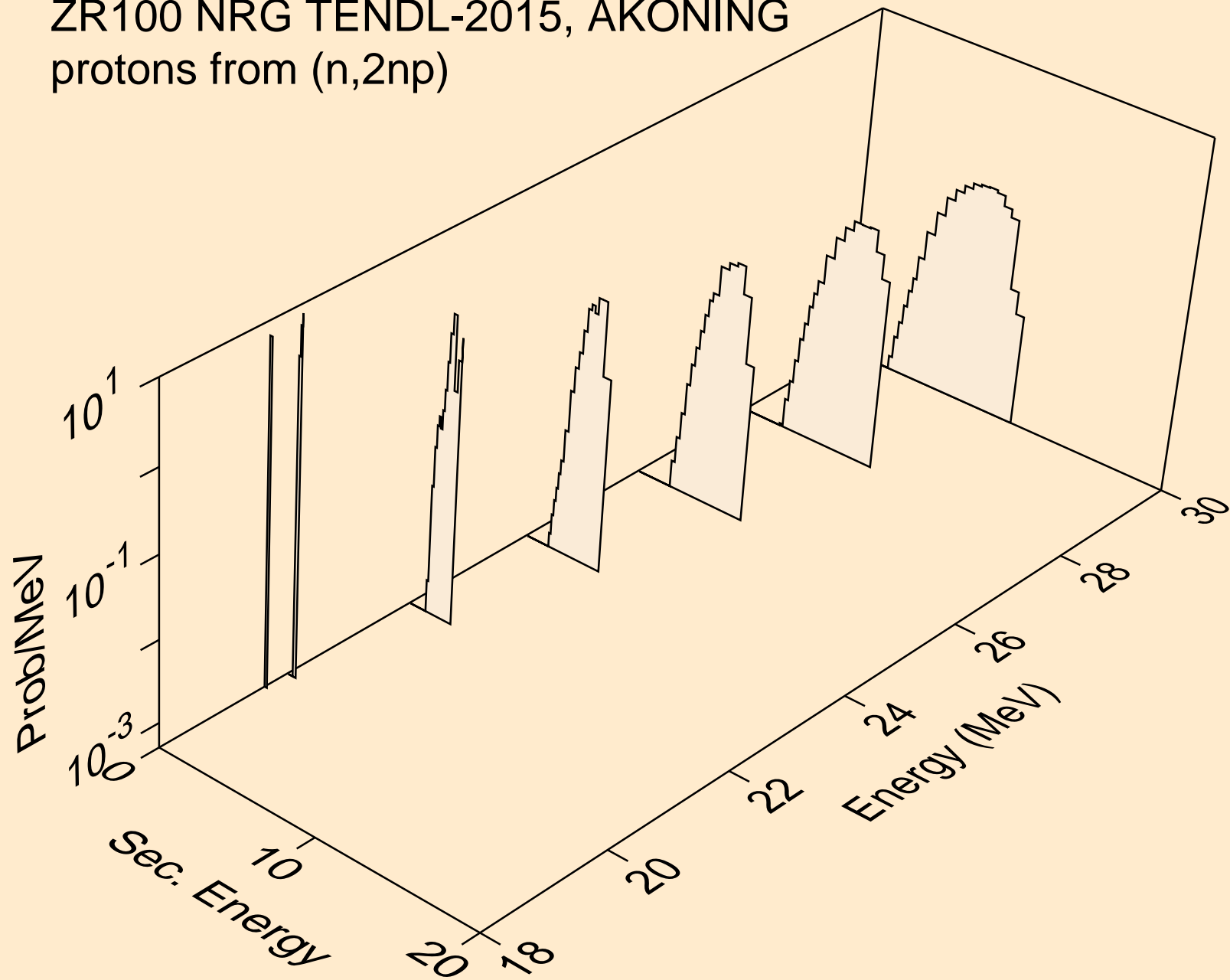
ZR100 NRG TENDL-2015, AKONING  
protons from (n,x)



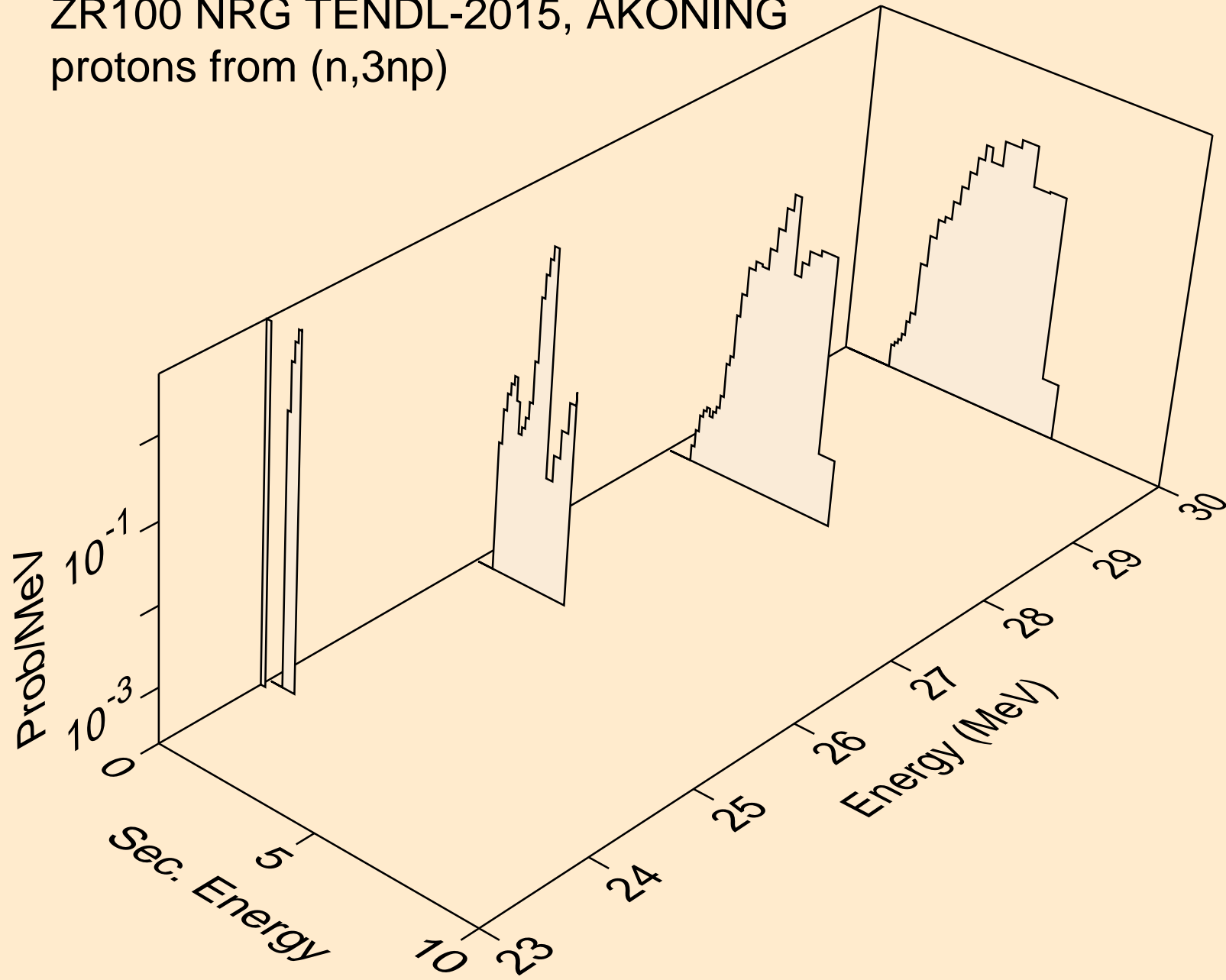
ZR100 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



ZR100 NRG TENDL-2015, AKONING  
protons from (n,2np)

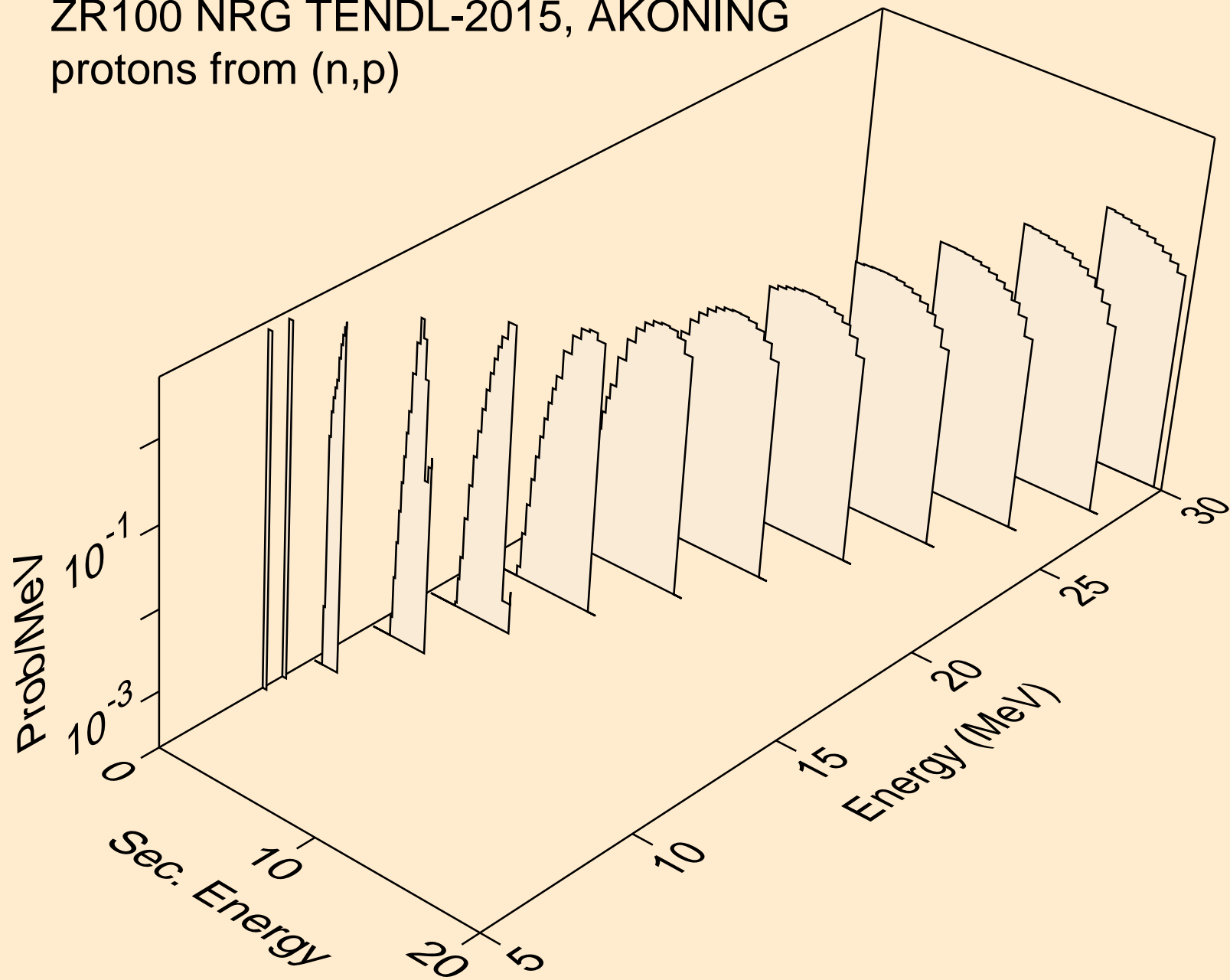


ZR100 NRG TENDL-2015, AKONING  
protons from (n,3np)

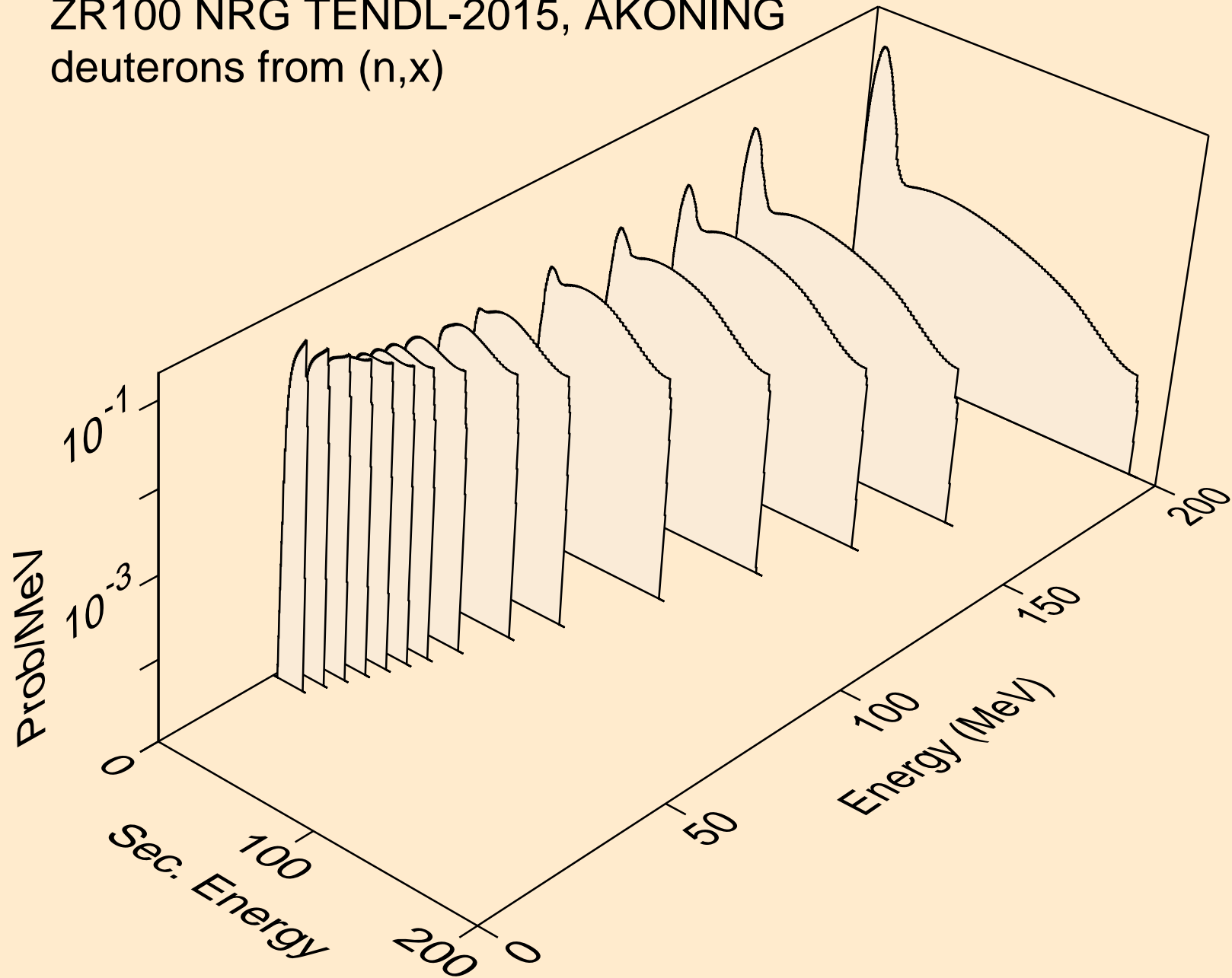




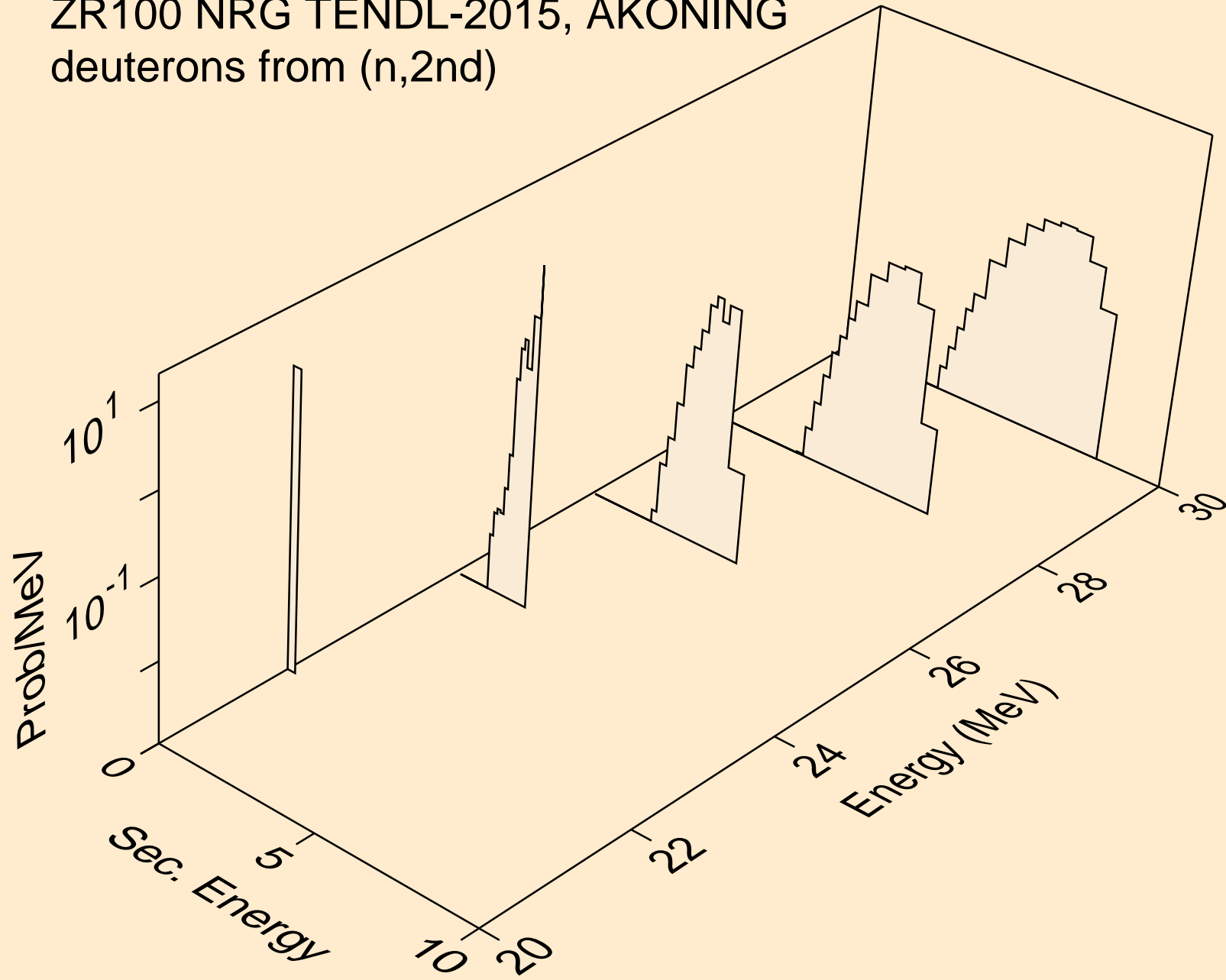
ZR100 NRG TENDL-2015, AKONING  
protons from (n,p)



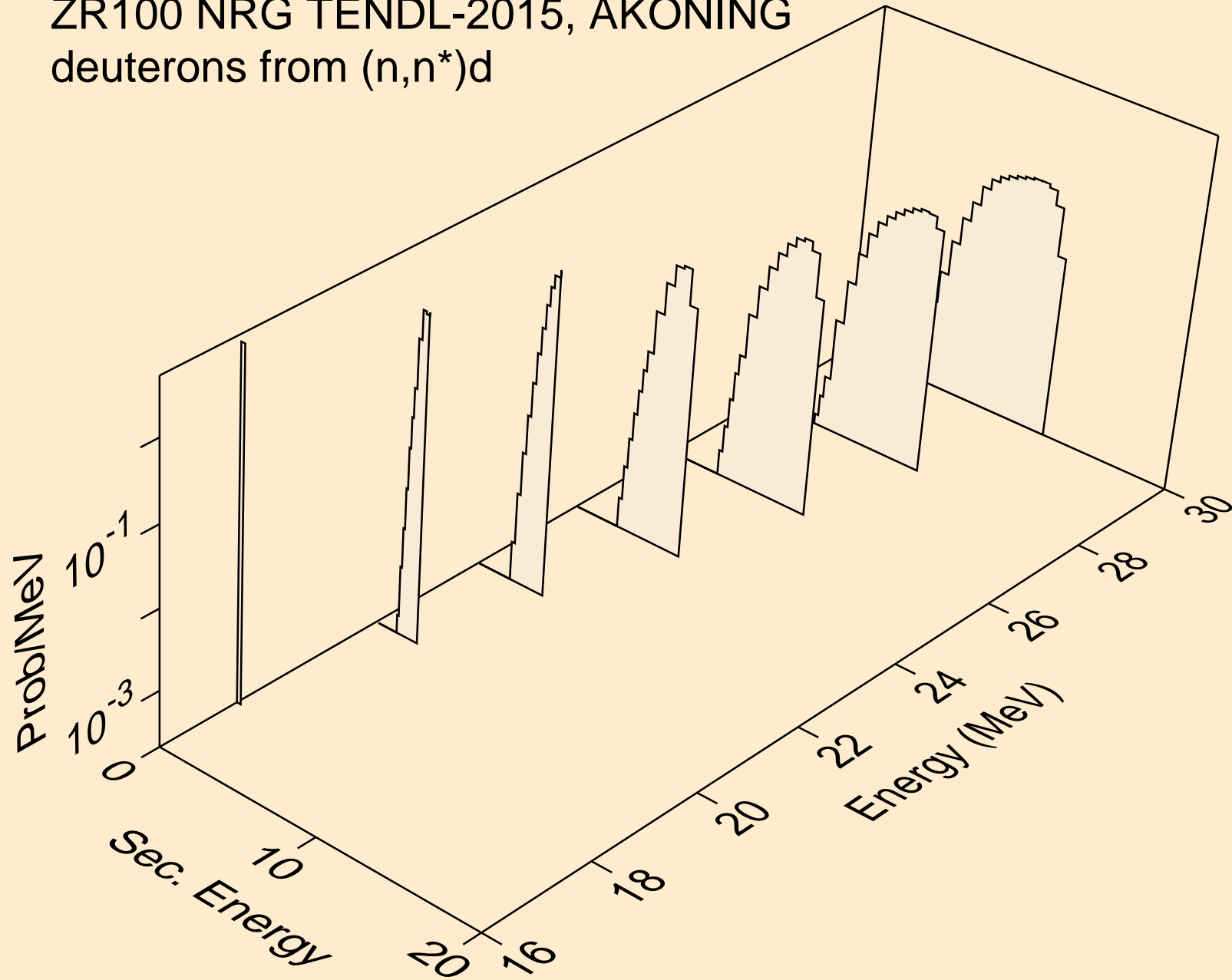
ZR100 NRG TENDL-2015, AKONING  
deuterons from (n,x)



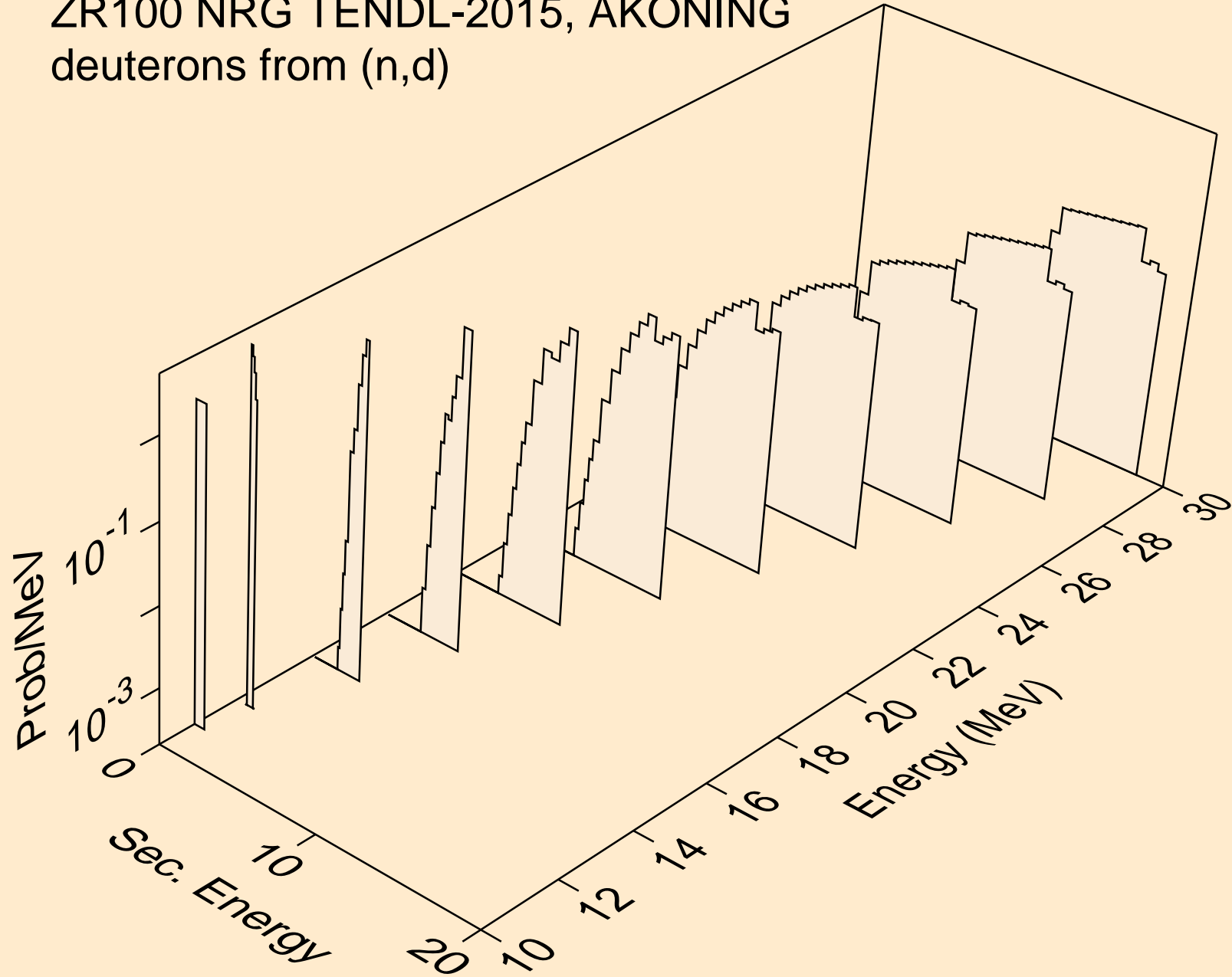
ZR100 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



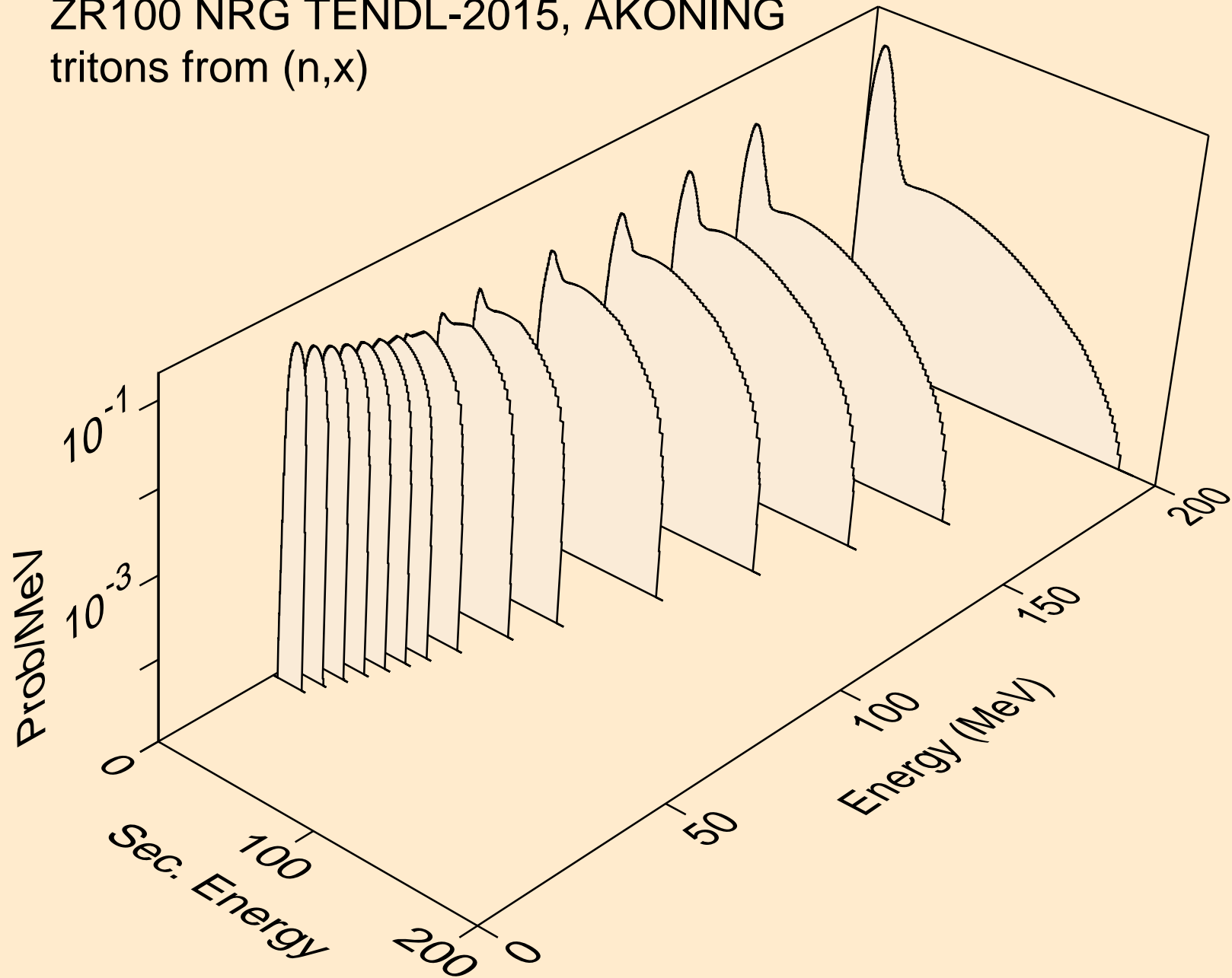
ZR100 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



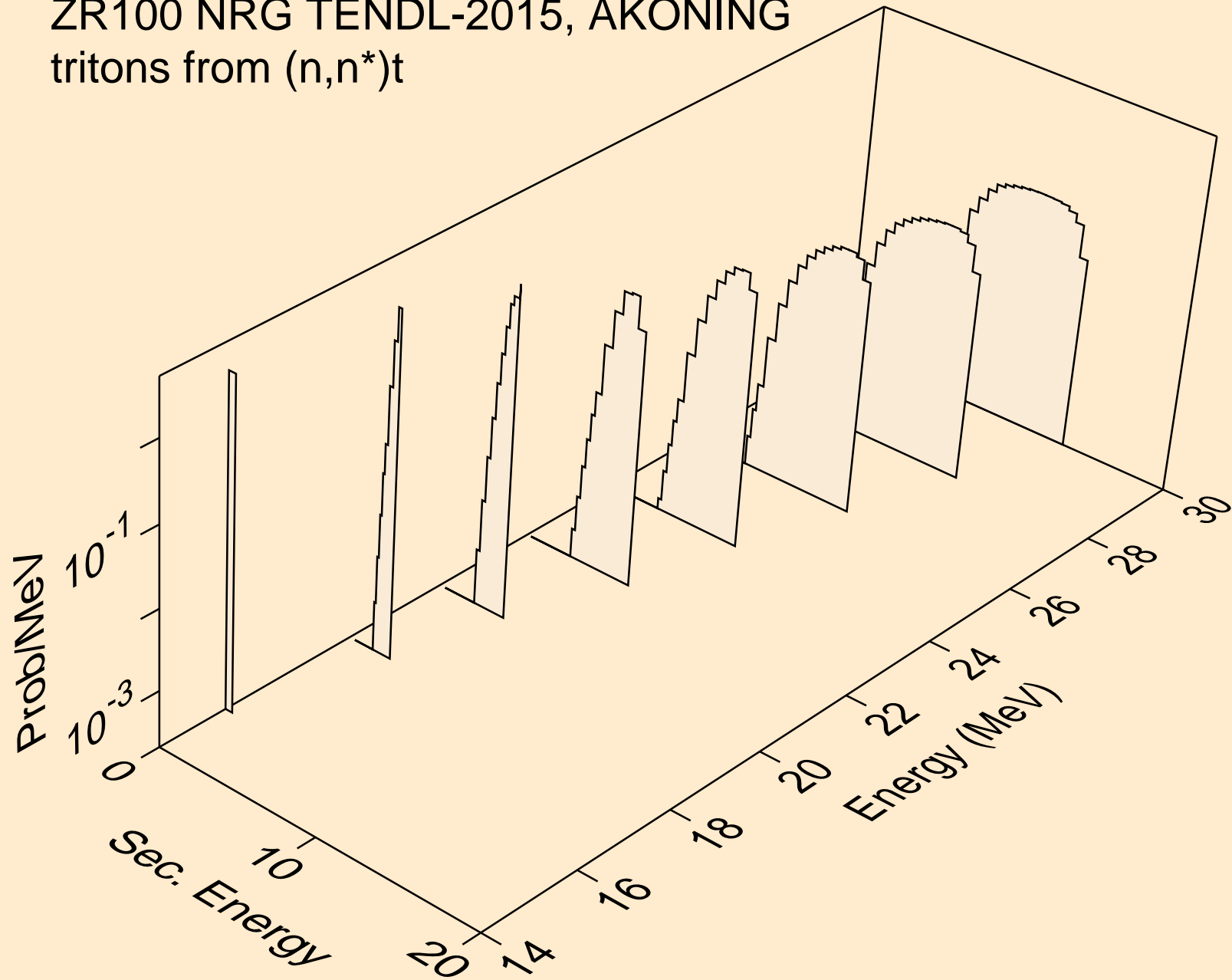
ZR100 NRG TENDL-2015, AKONING  
deuterons from (n,d)



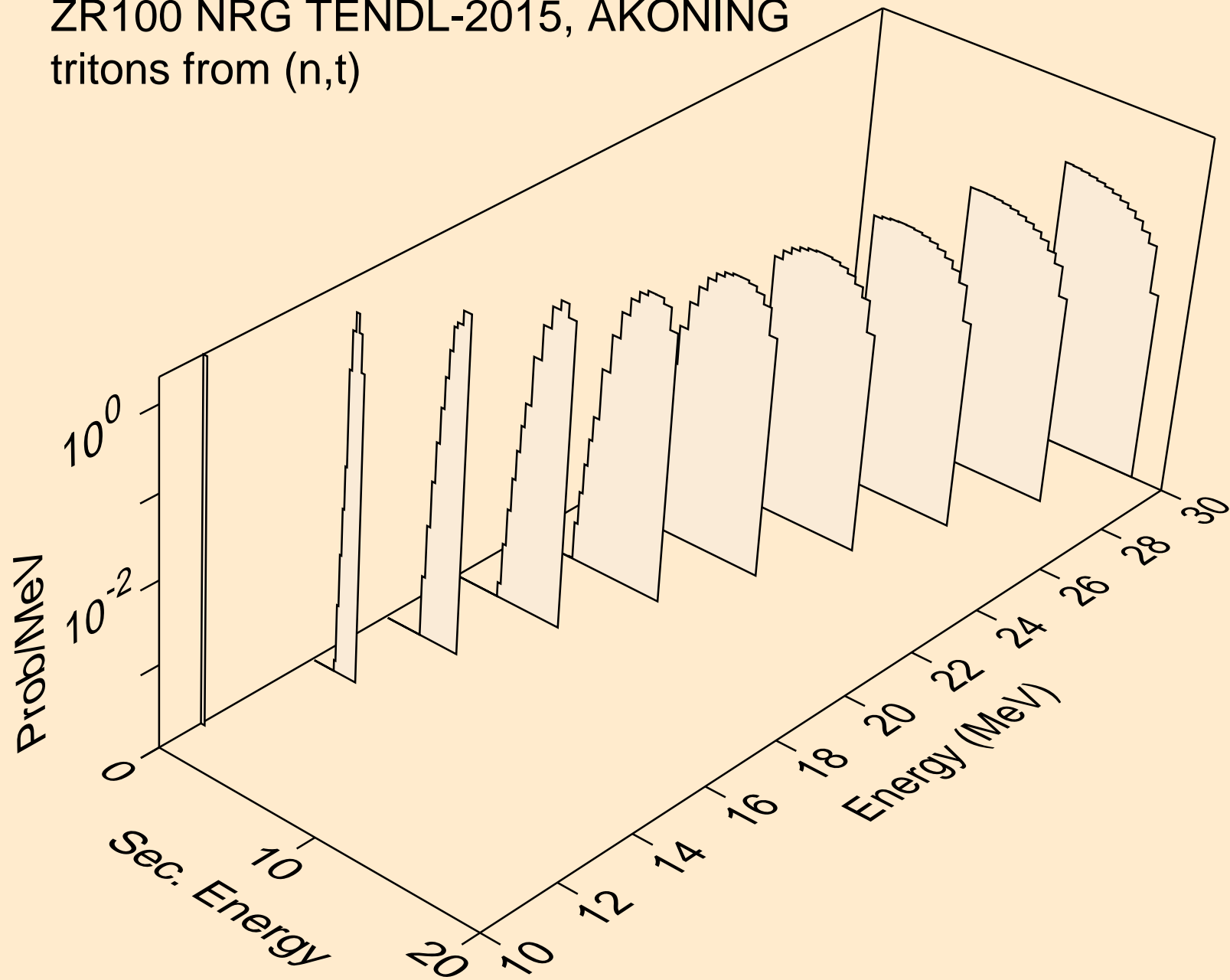
ZR100 NRG TENDL-2015, AKONING  
tritons from (n,x)



ZR100 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

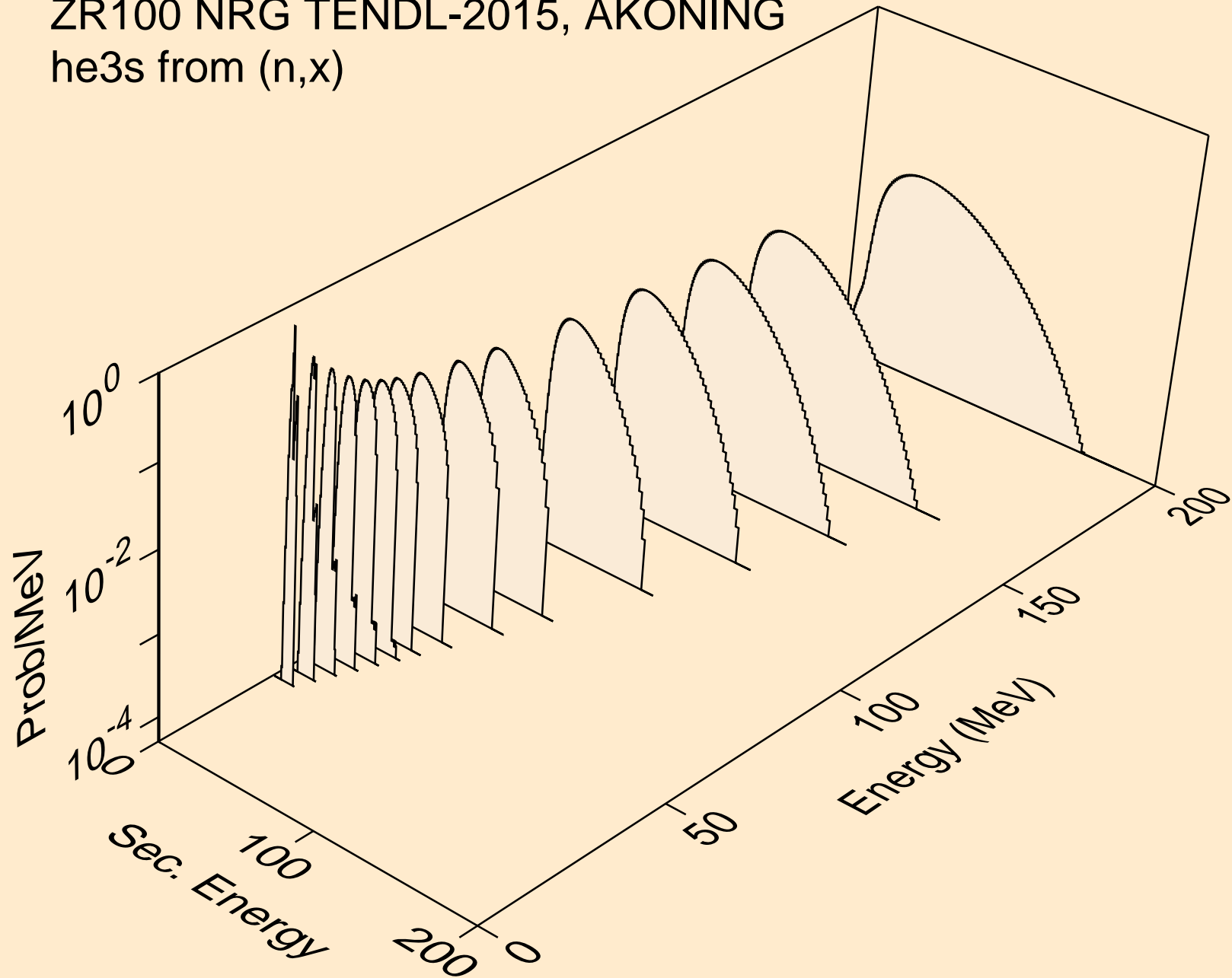


ZR100 NRG TENDL-2015, AKONING  
tritons from (n,t)

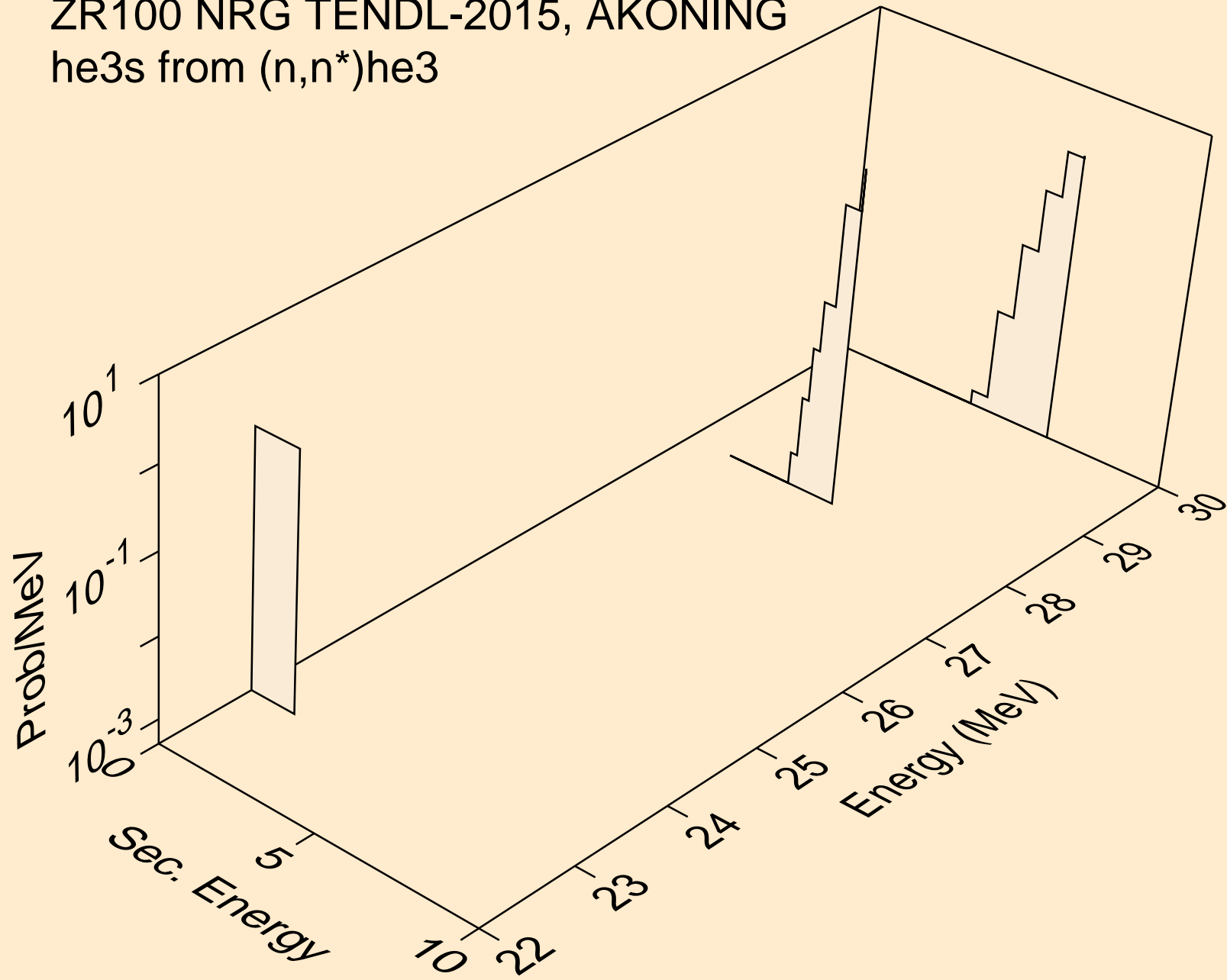




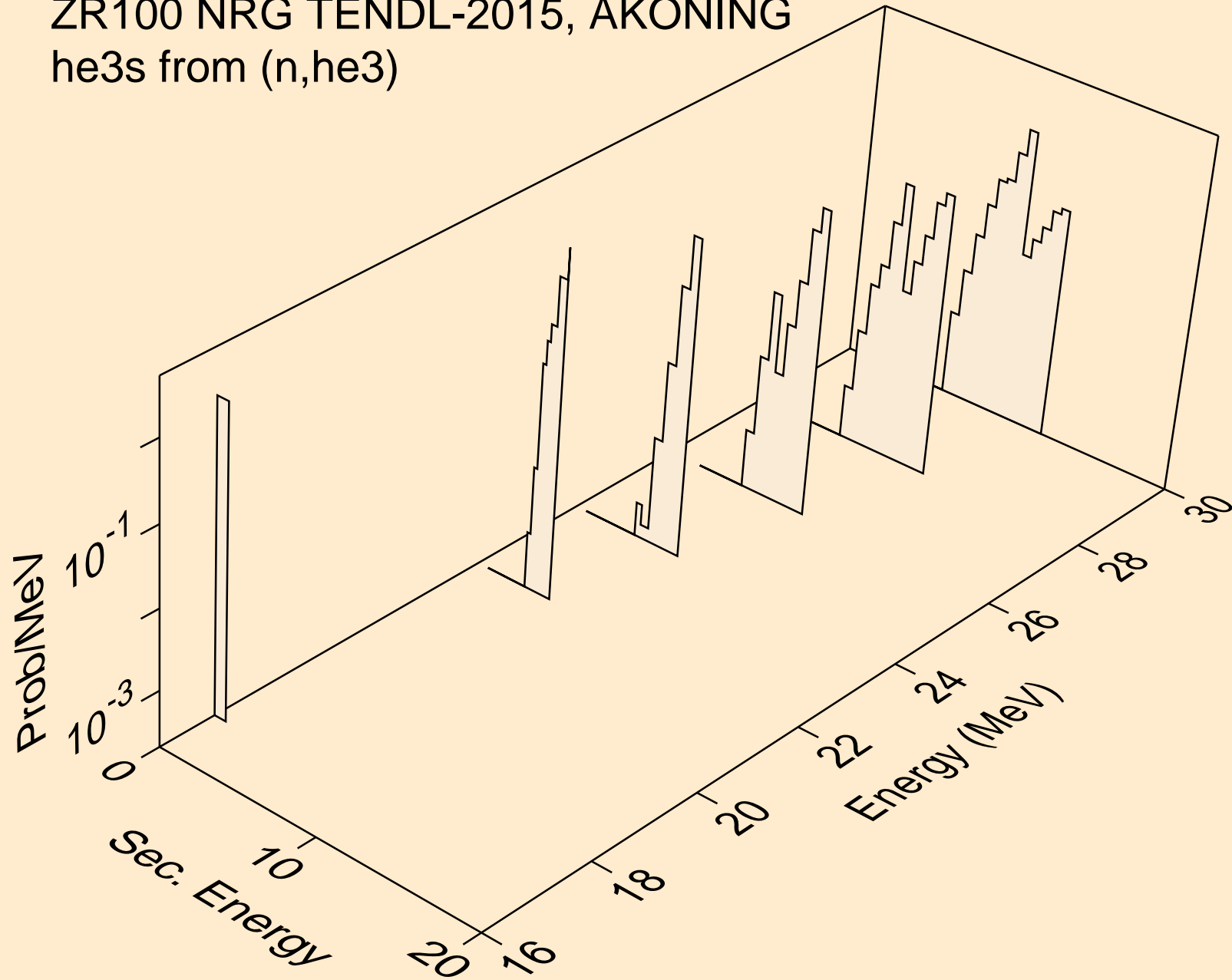
ZR100 NRG TENDL-2015, AKONING  
he3s from (n,x)



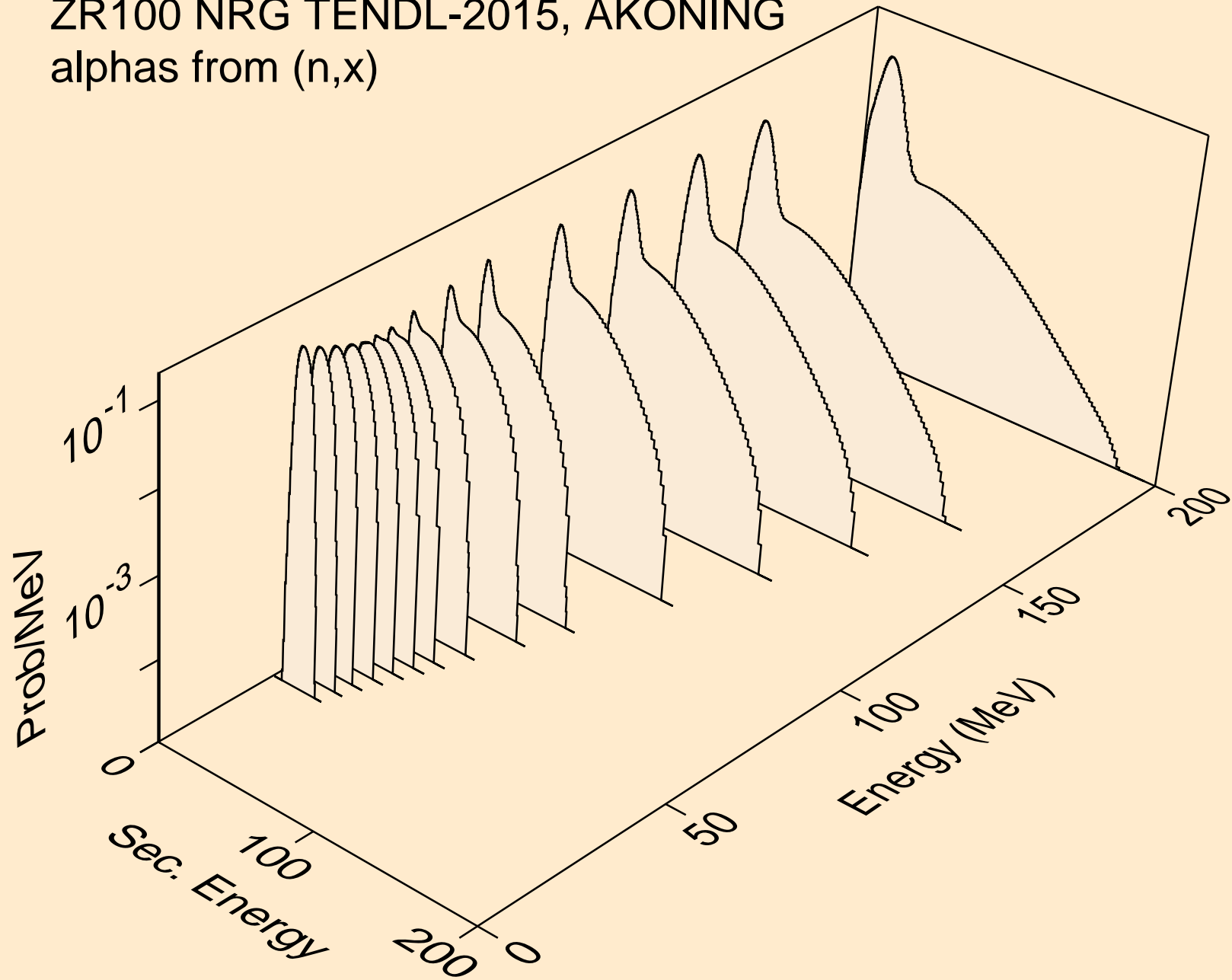
ZR100 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



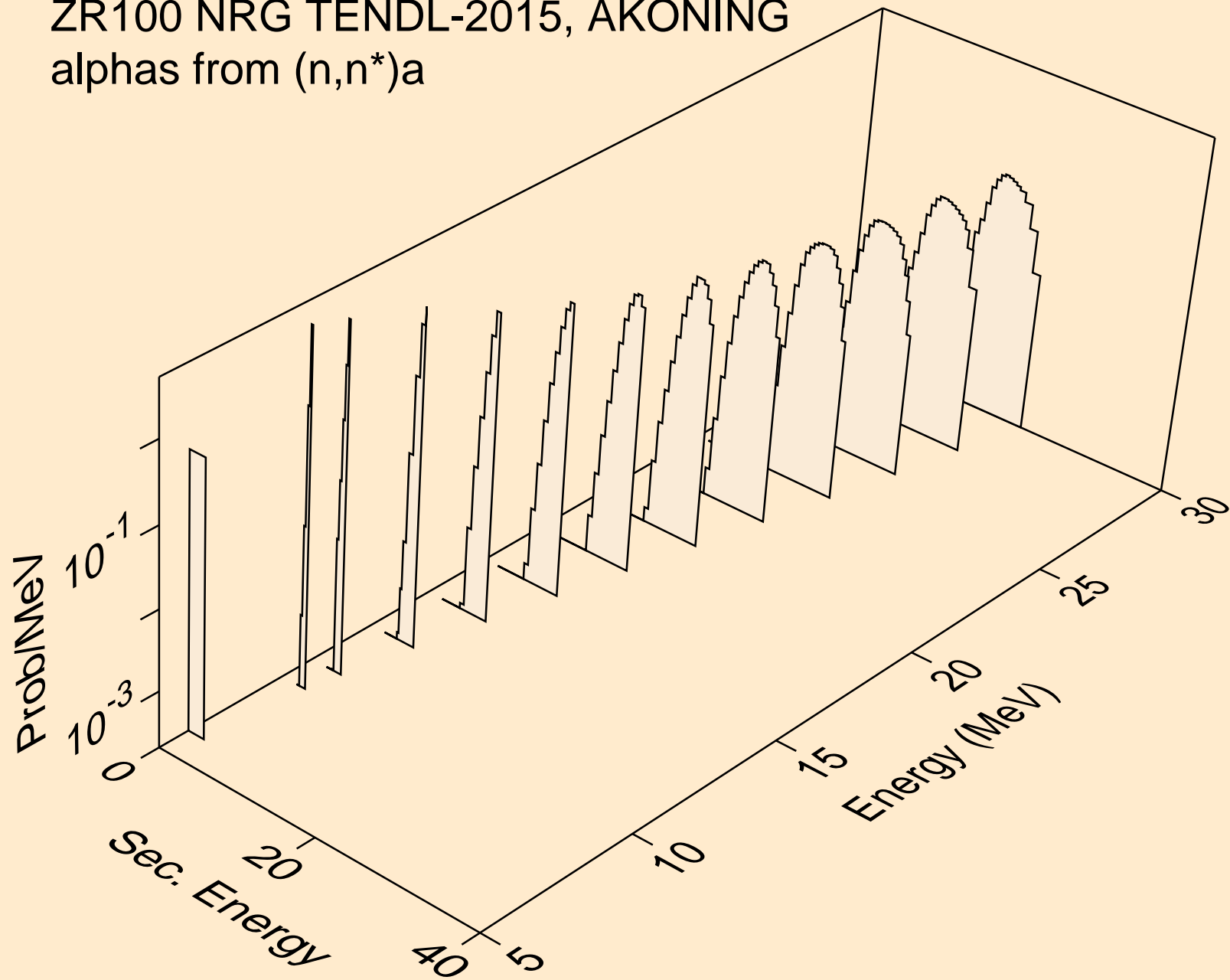
ZR100 NRG TENDL-2015, AKONING  
he3s from (n,he3)



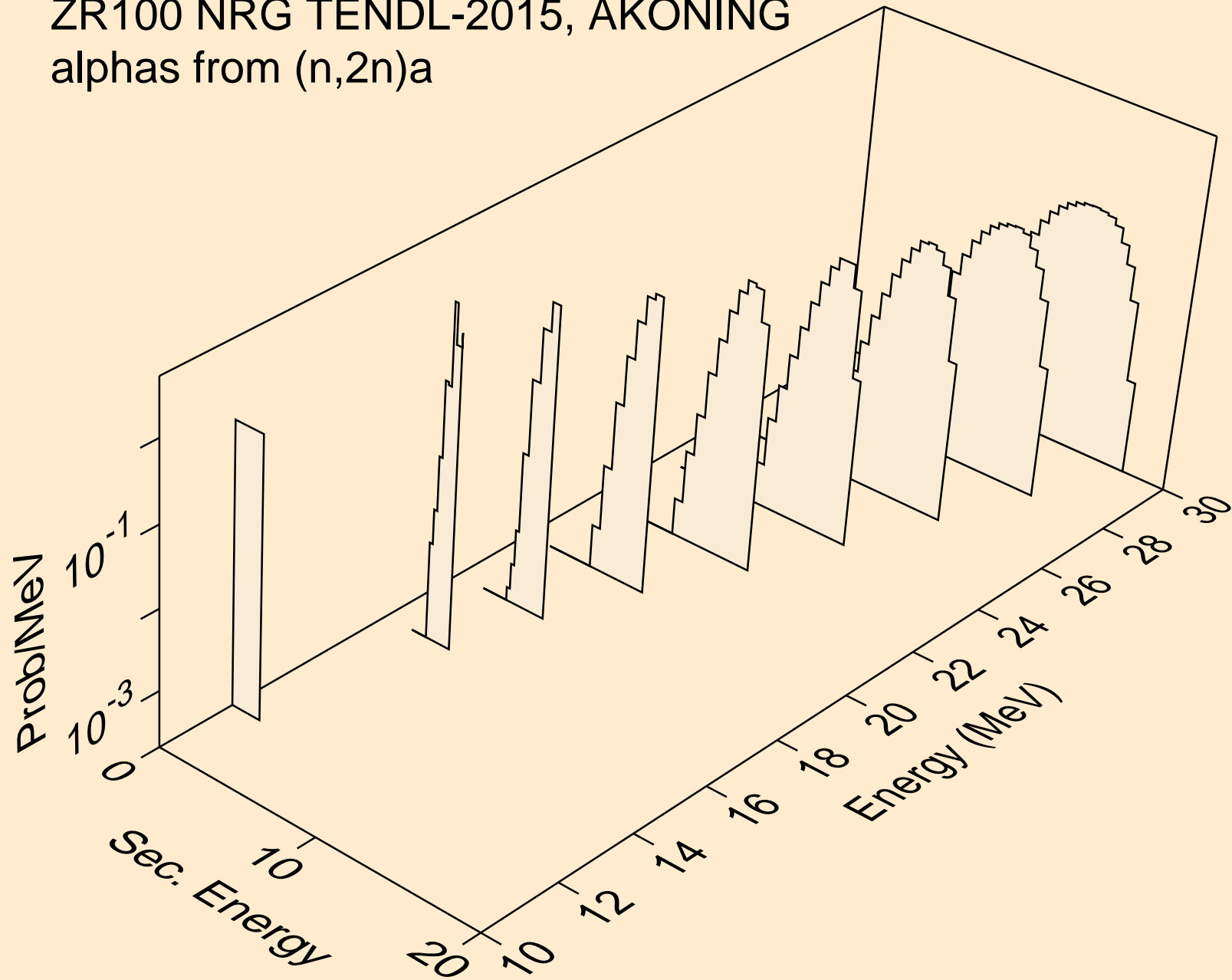
ZR100 NRG TENDL-2015, AKONING  
alphas from (n,x)



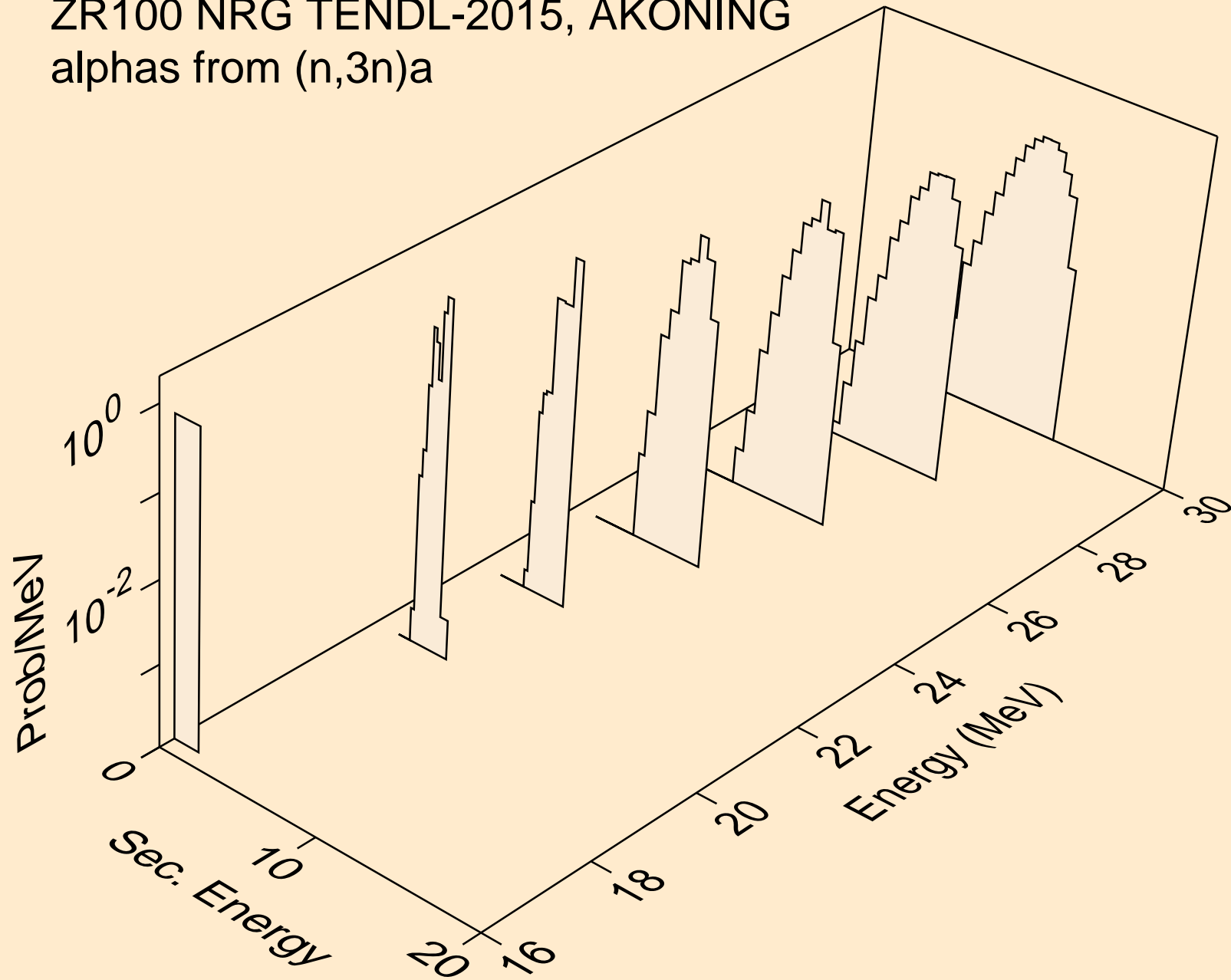
ZR100 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



ZR100 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ZR100 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ZR100 NRG TENDL-2015, AKONING  
alphas from (n,a)

