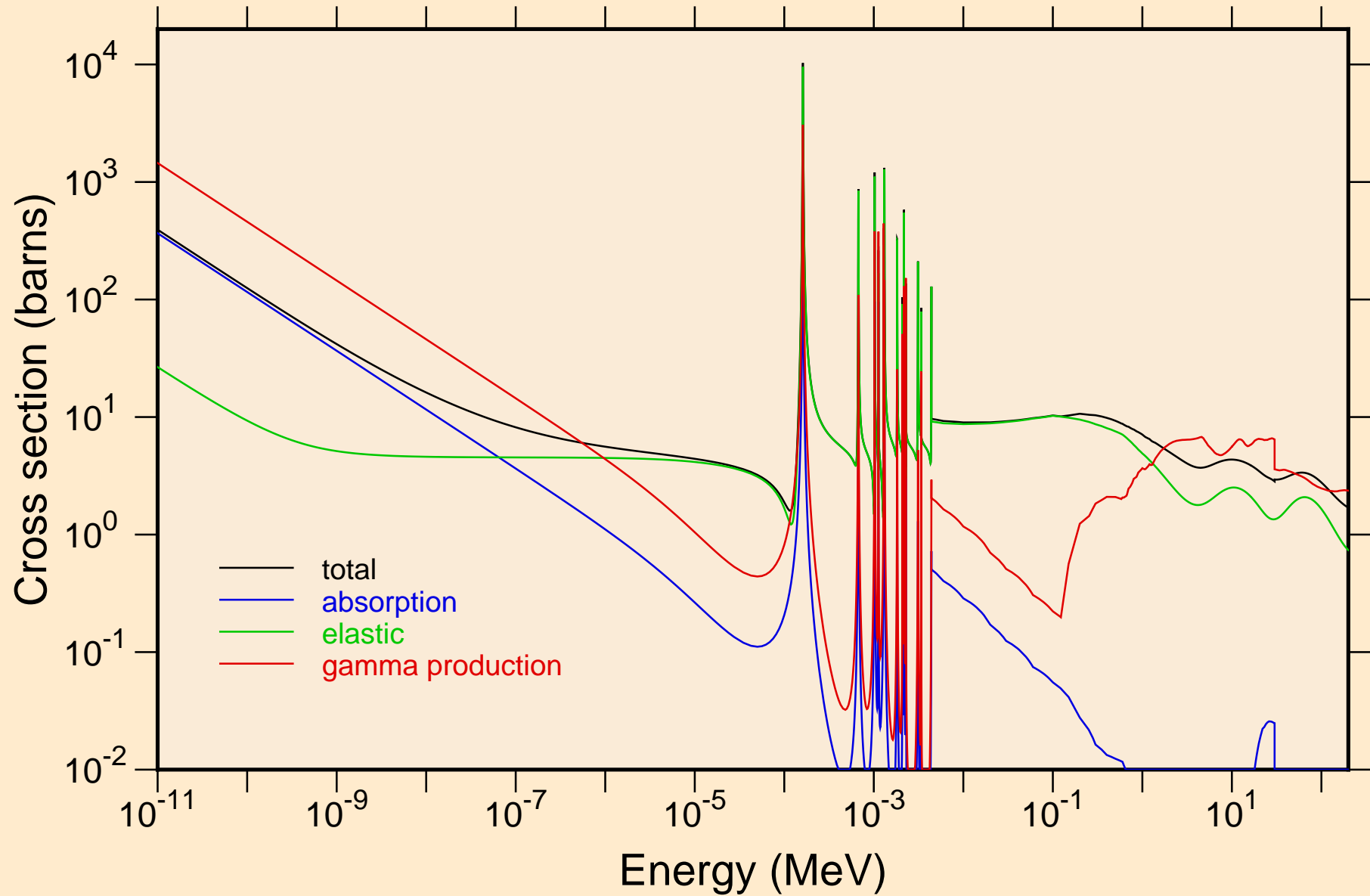
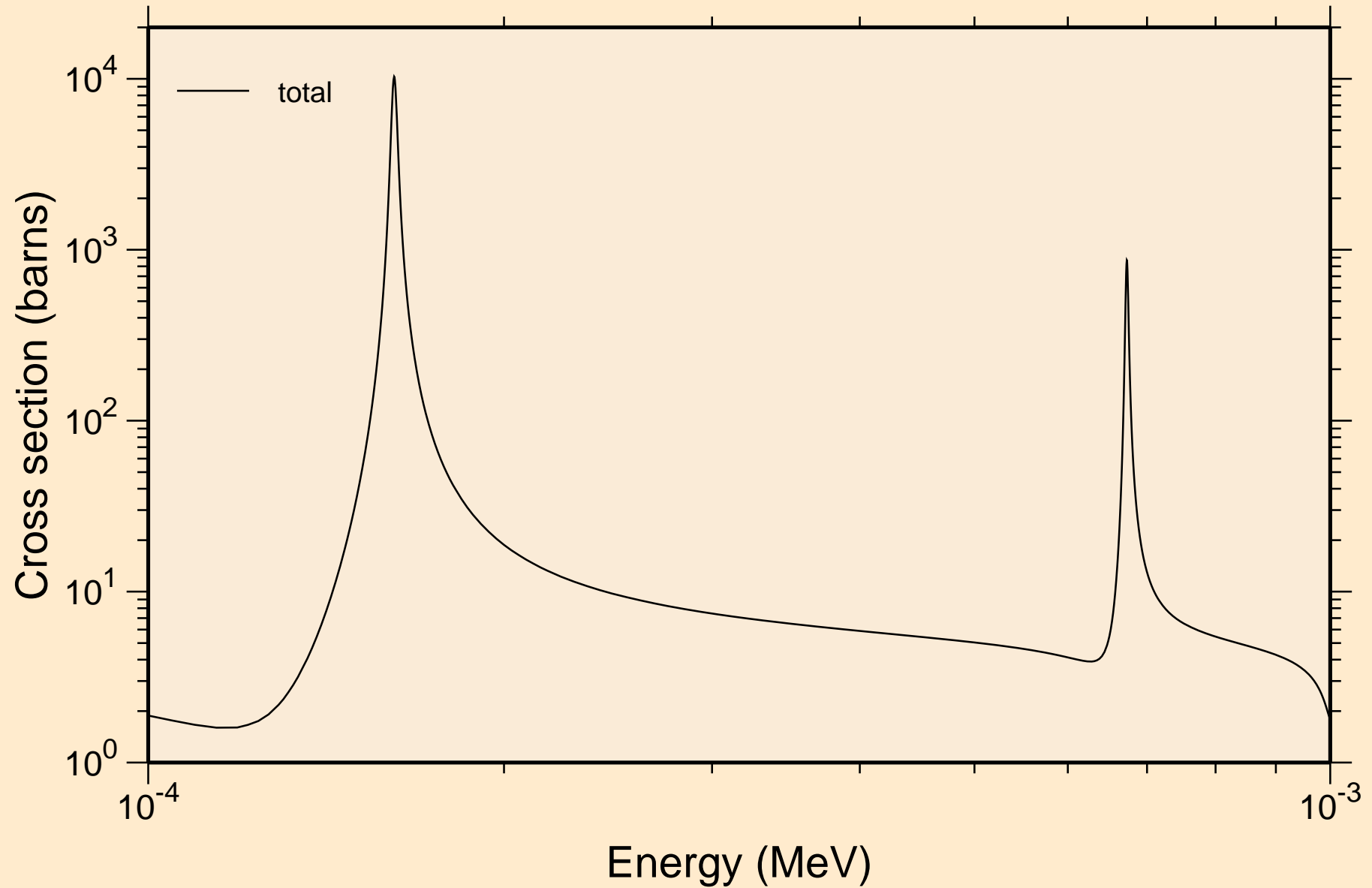


# ZR099 NRG TENDL-2015, AKONING

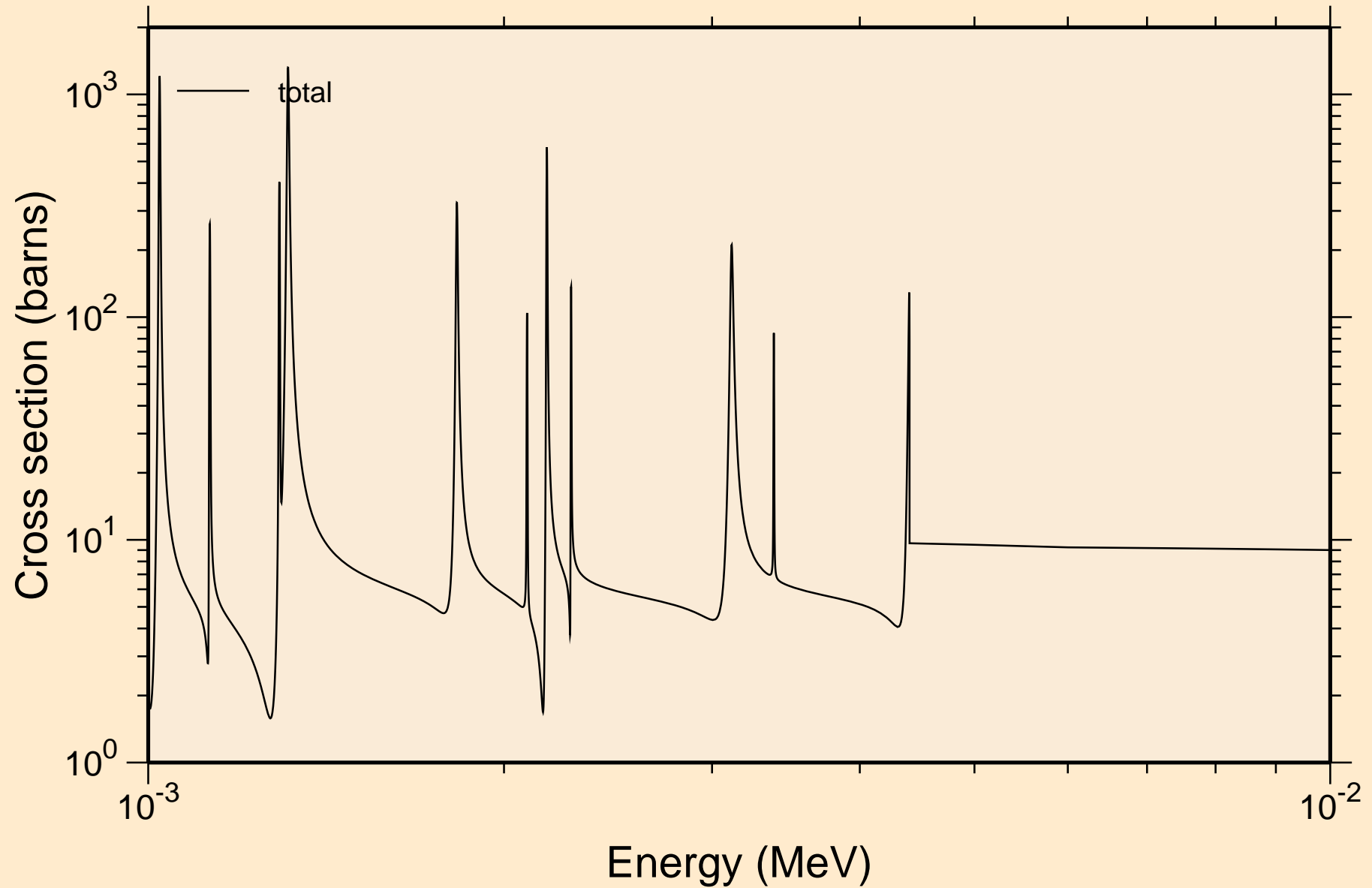
## Principal cross sections



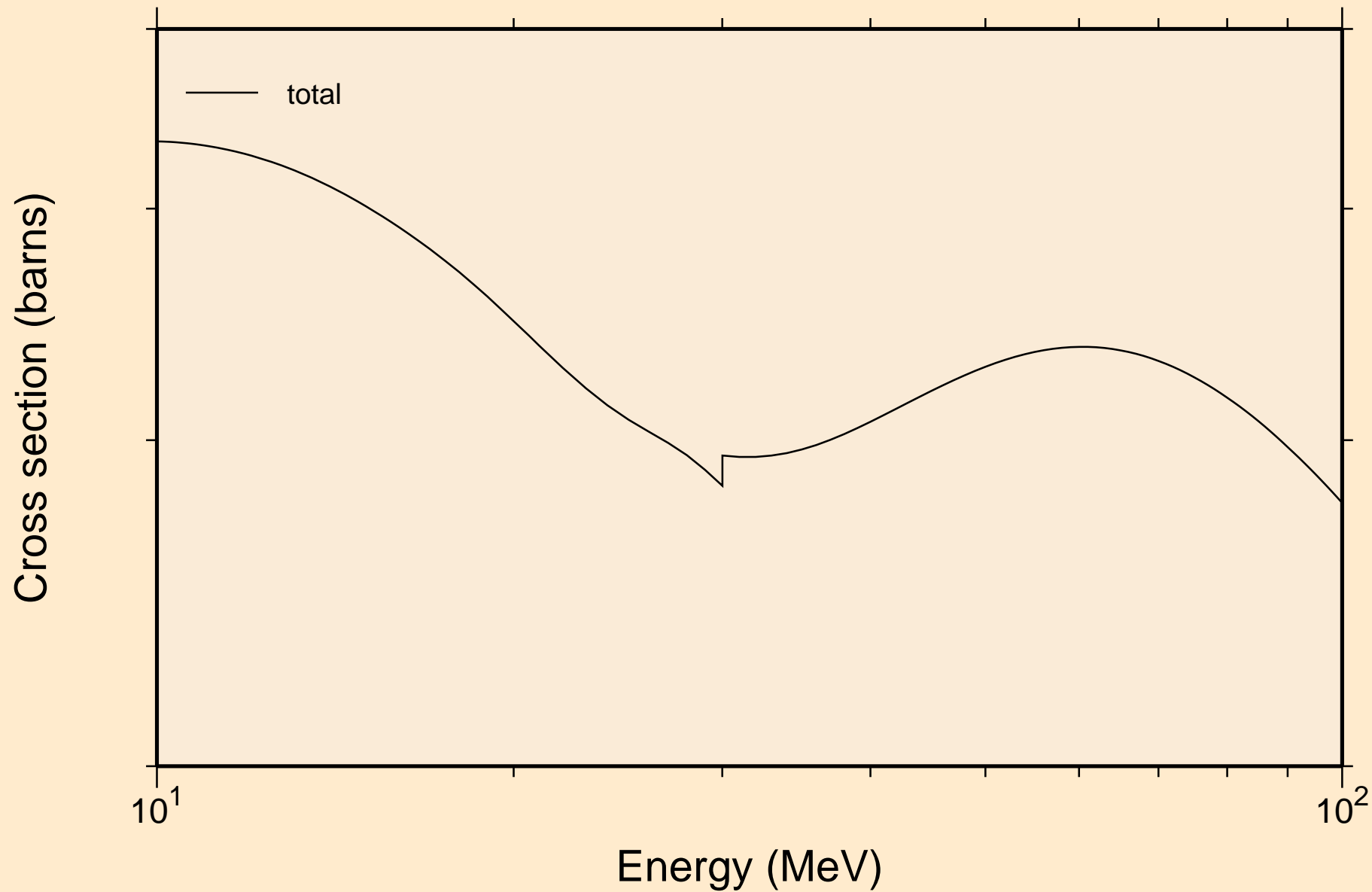
ZR099 NRG TENDL-2015, AKONING  
resonance total cross section



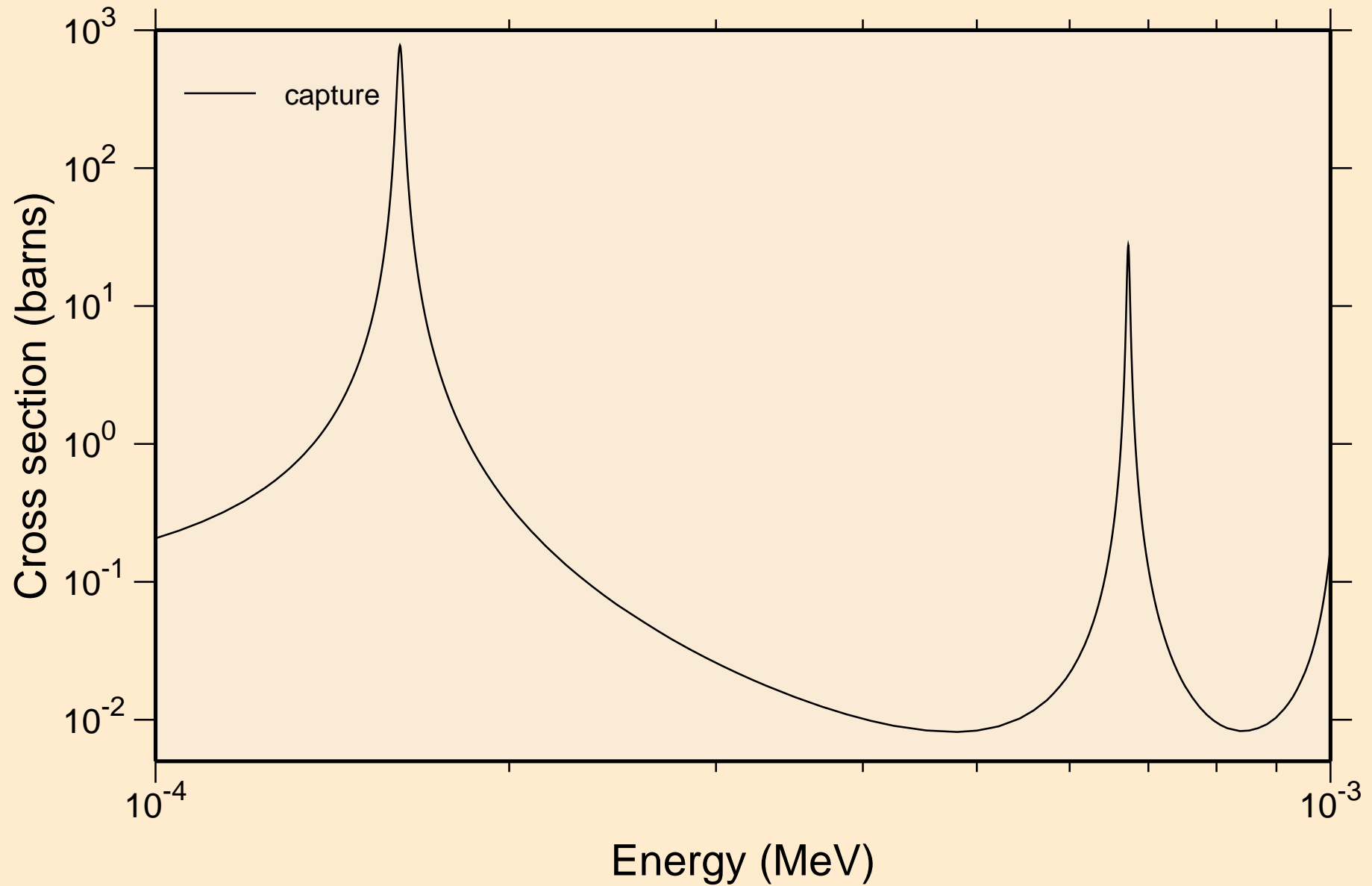
ZR099 NRG TENDL-2015, AKONING  
resonance total cross section



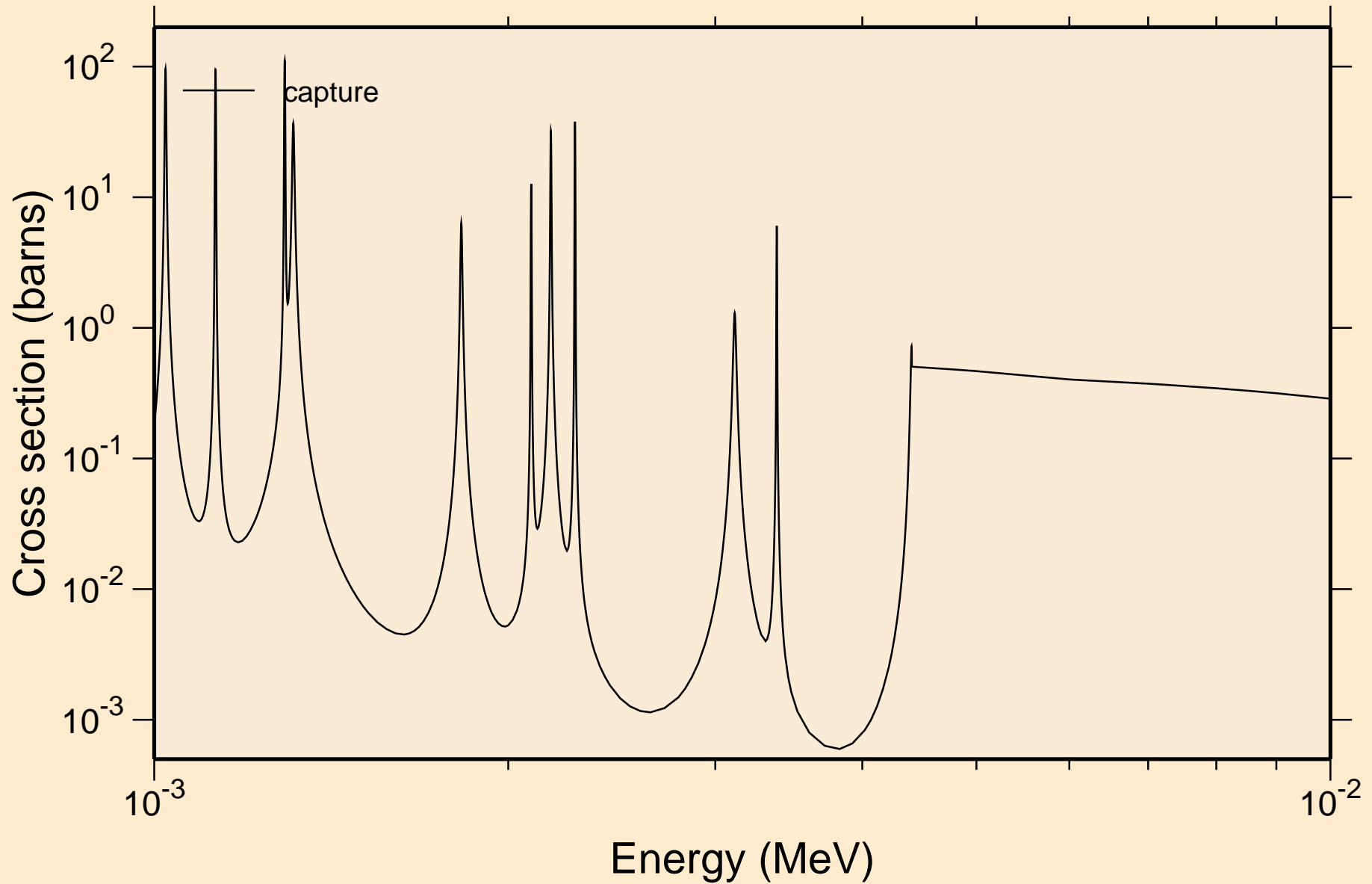
ZR099 NRG TENDL-2015, AKONING  
resonance total cross section



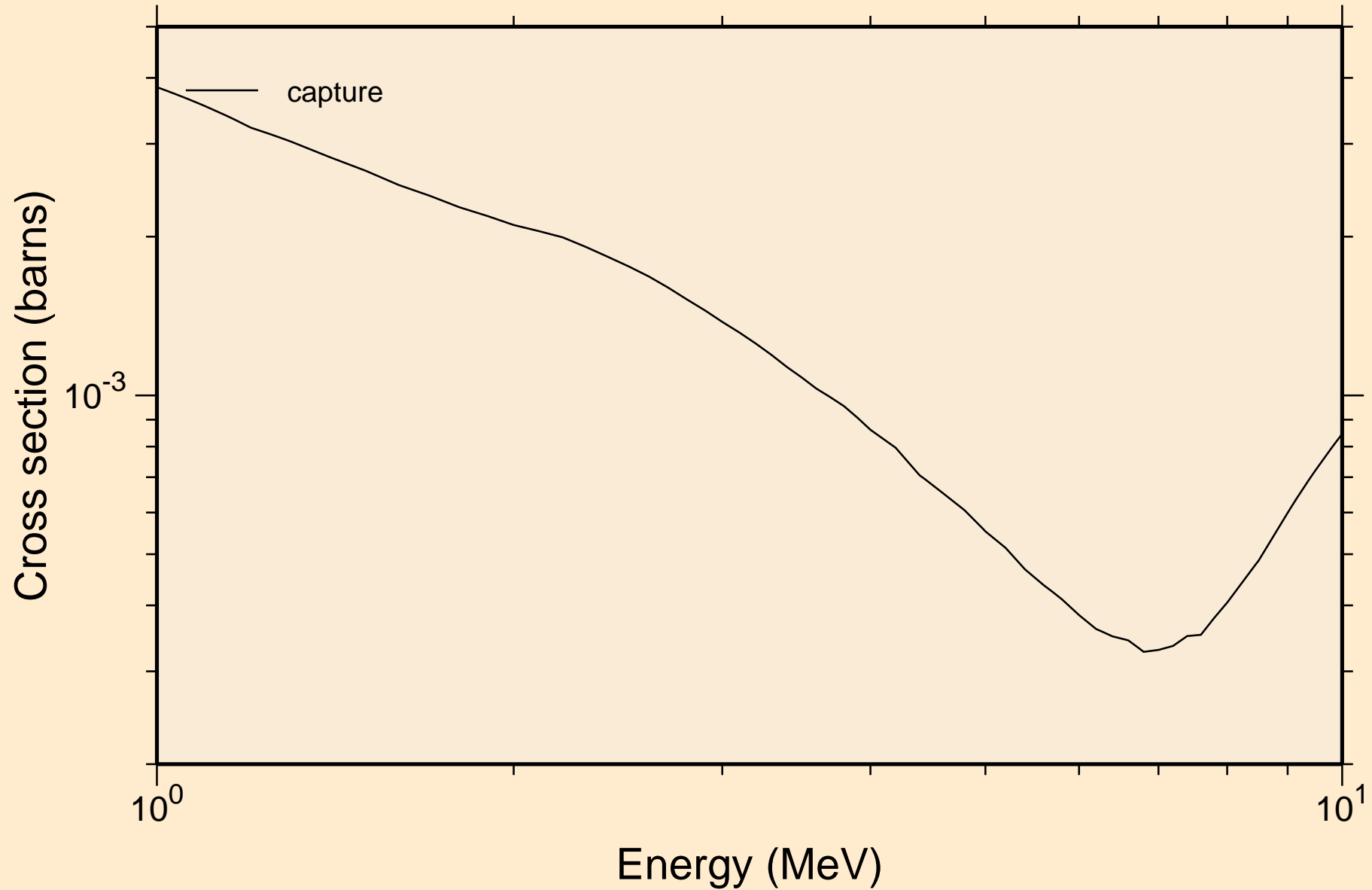
ZR099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



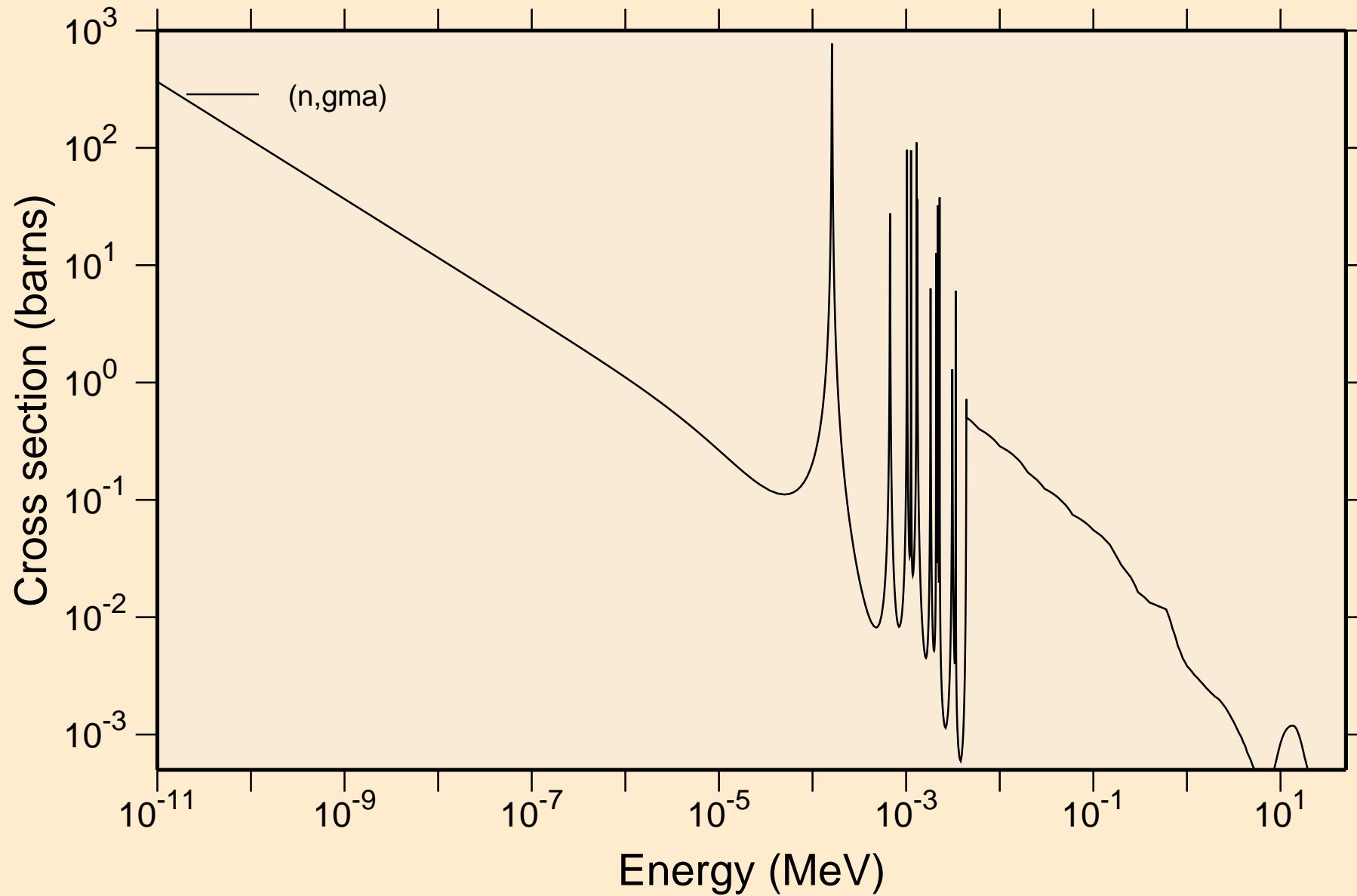
ZR099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



ZR099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



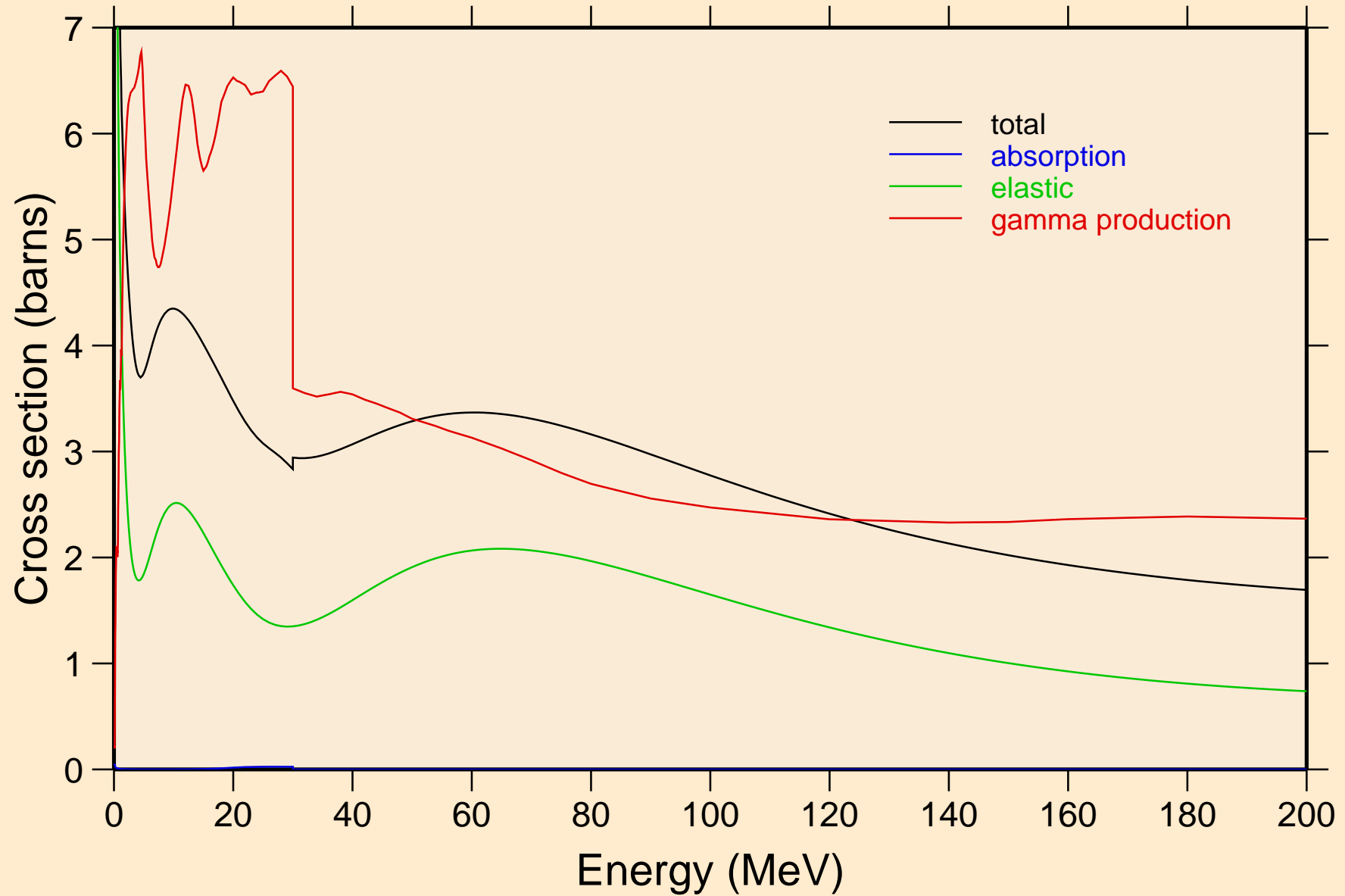
ZR099 NRG TENDL-2015, AKONING  
Non-threshold reactions



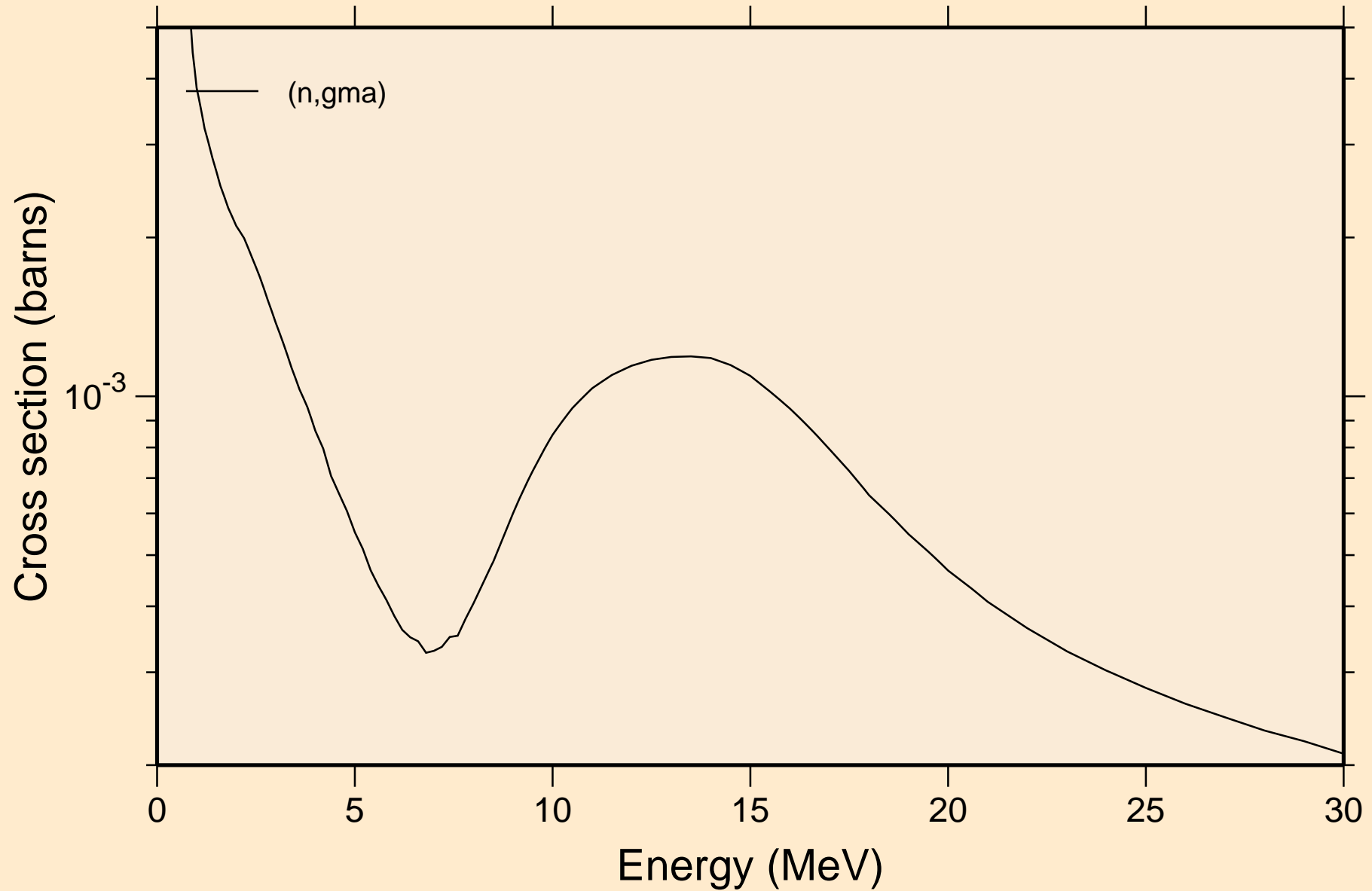


# ZR099 NRG TENDL-2015, AKONING

## Principal cross sections

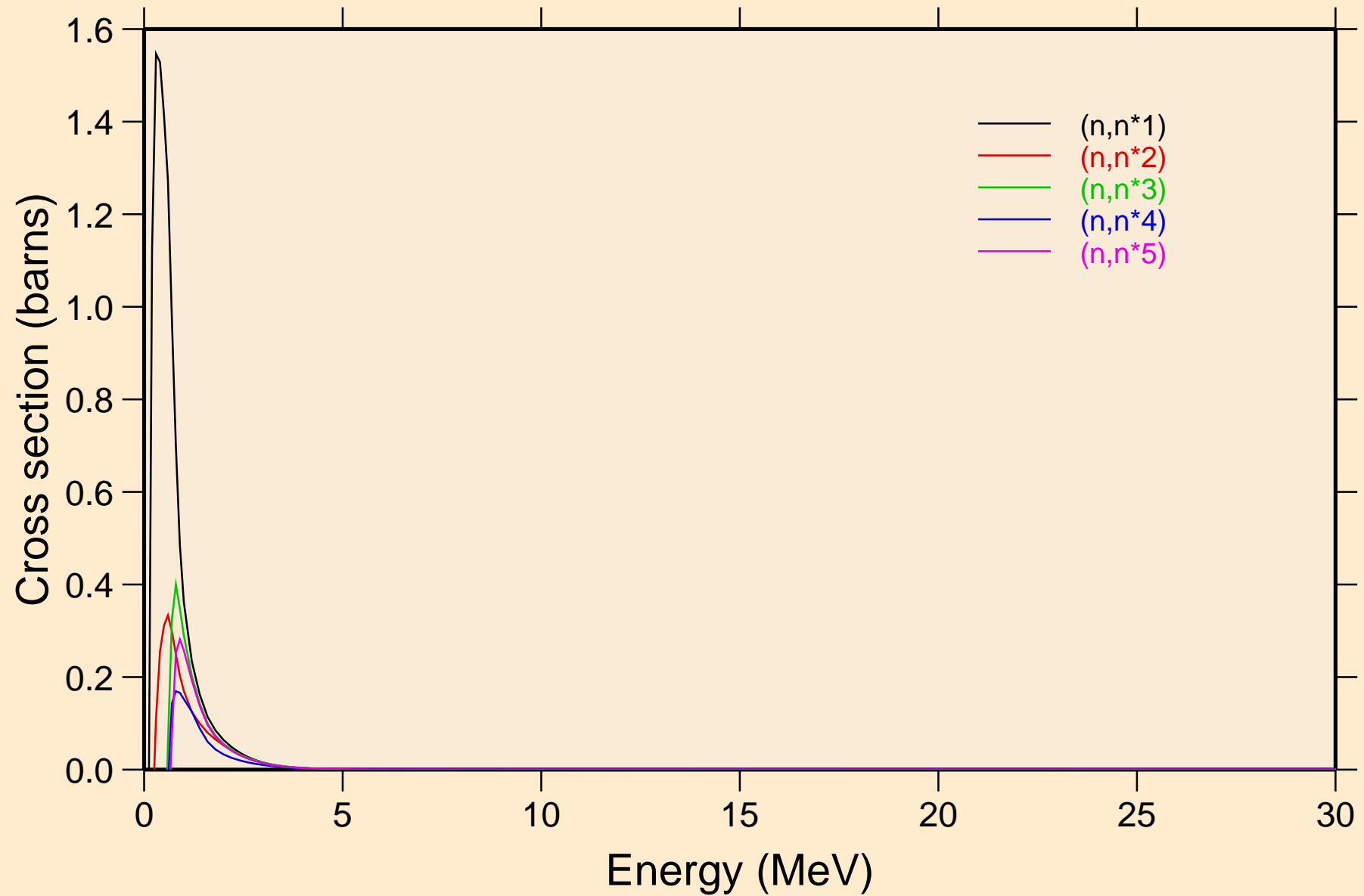


ZR099 NRG TENDL-2015, AKONING  
Non-threshold reactions



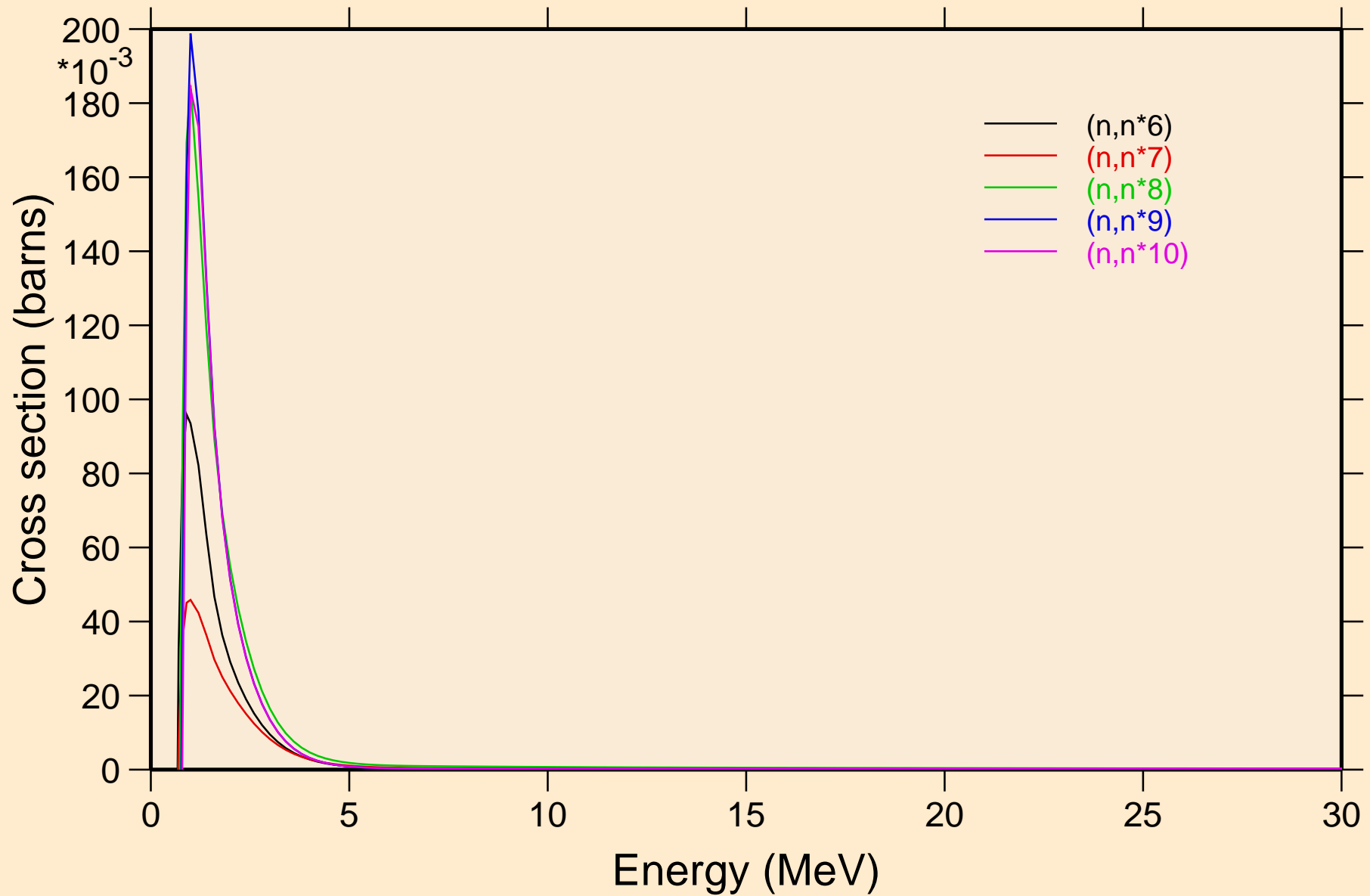
# ZR099 NRG TENDL-2015, AKONING

## Inelastic levels



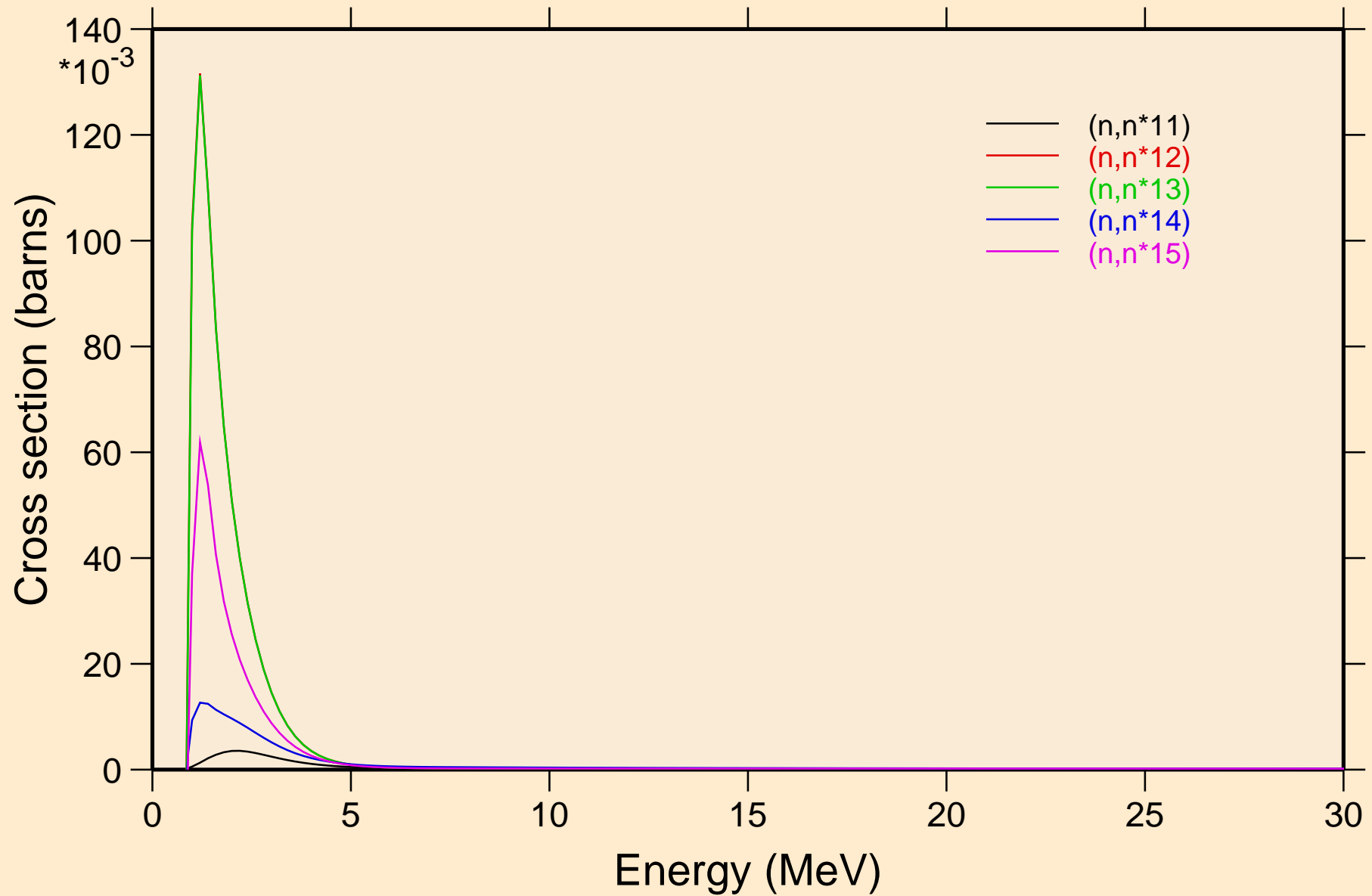
# ZR099 NRG TENDL-2015, AKONING

## Inelastic levels



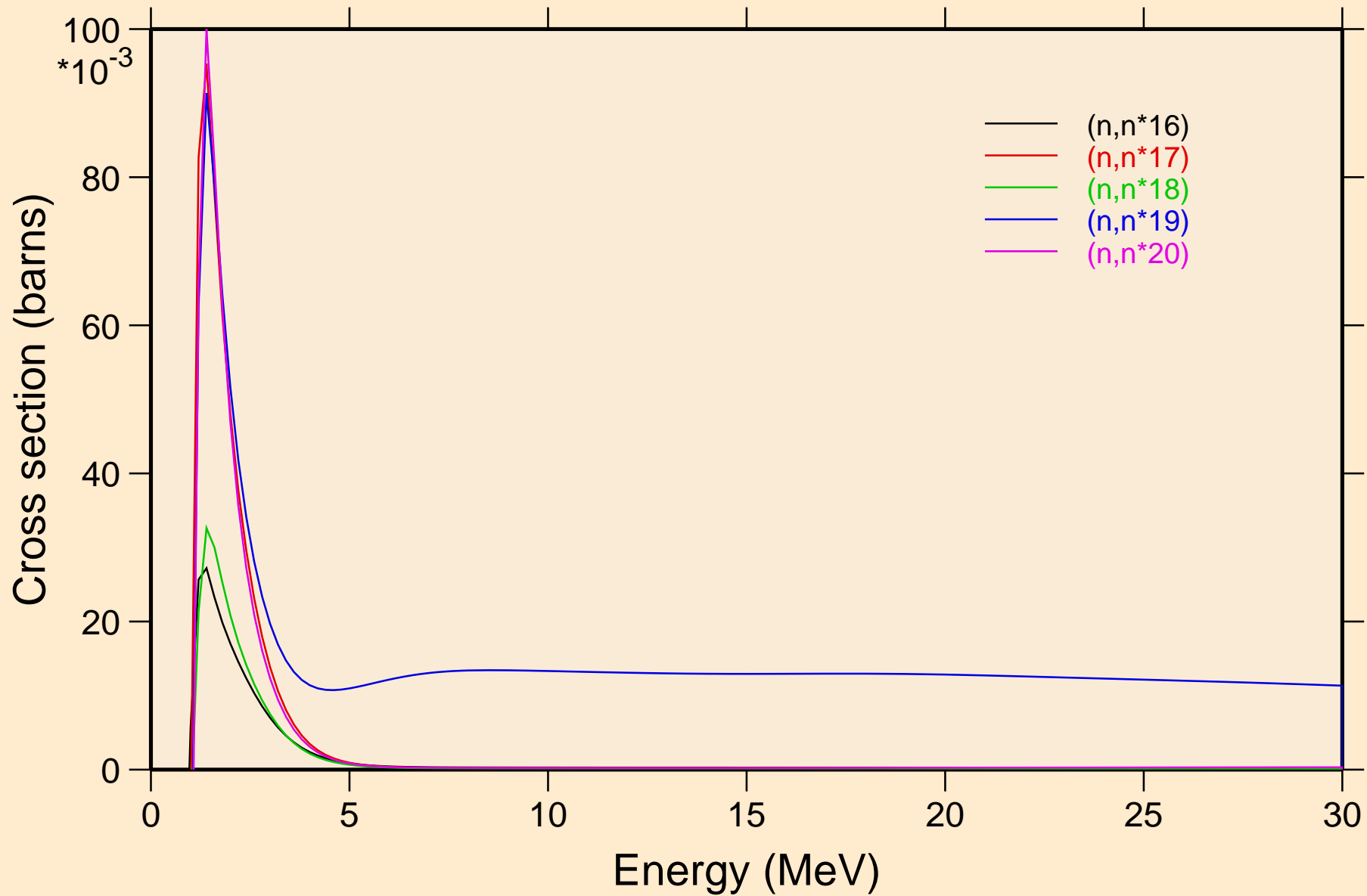
# ZR099 NRG TENDL-2015, AKONING

## Inelastic levels



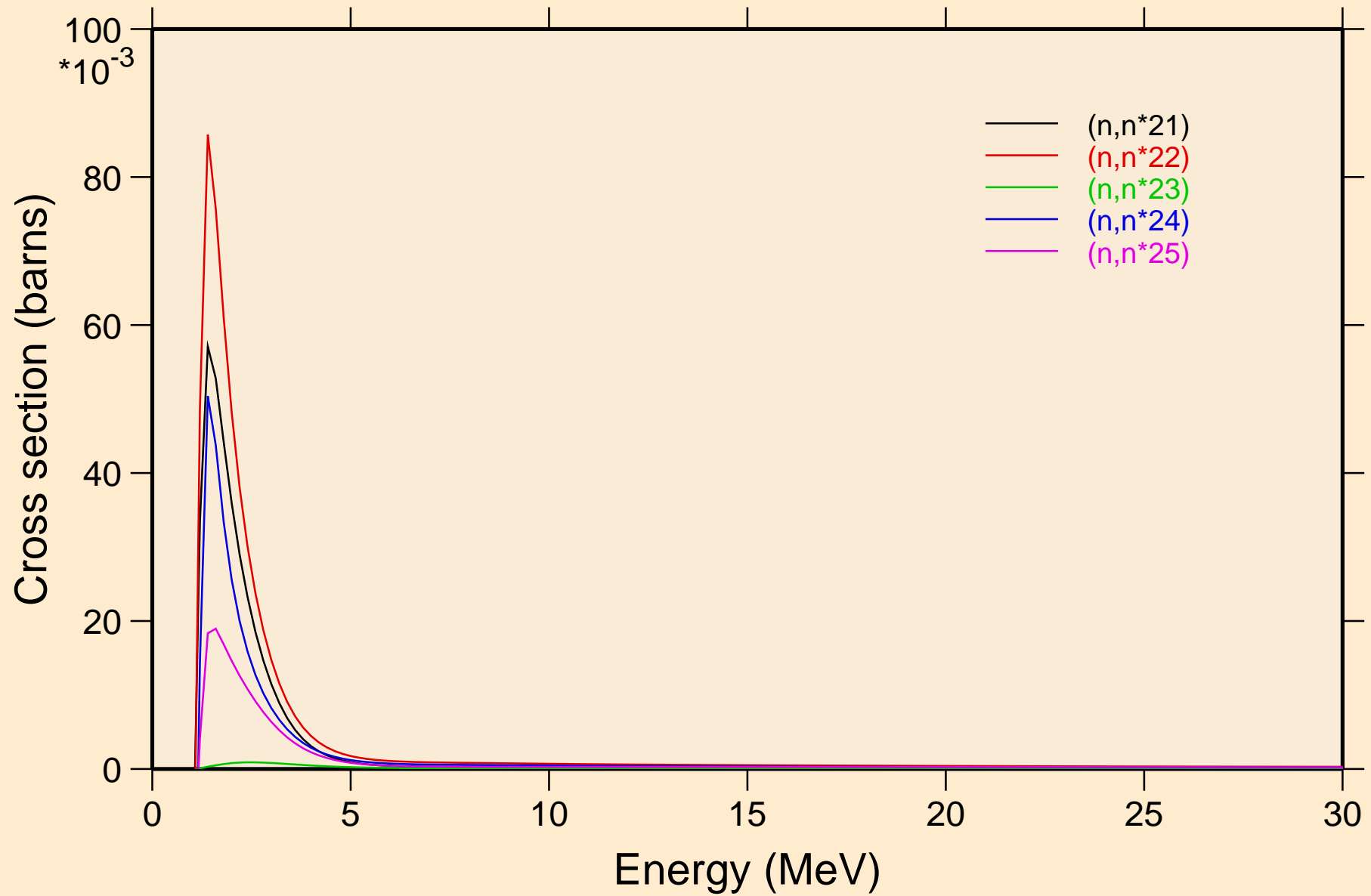
# ZR099 NRG TENDL-2015, AKONING

## Inelastic levels



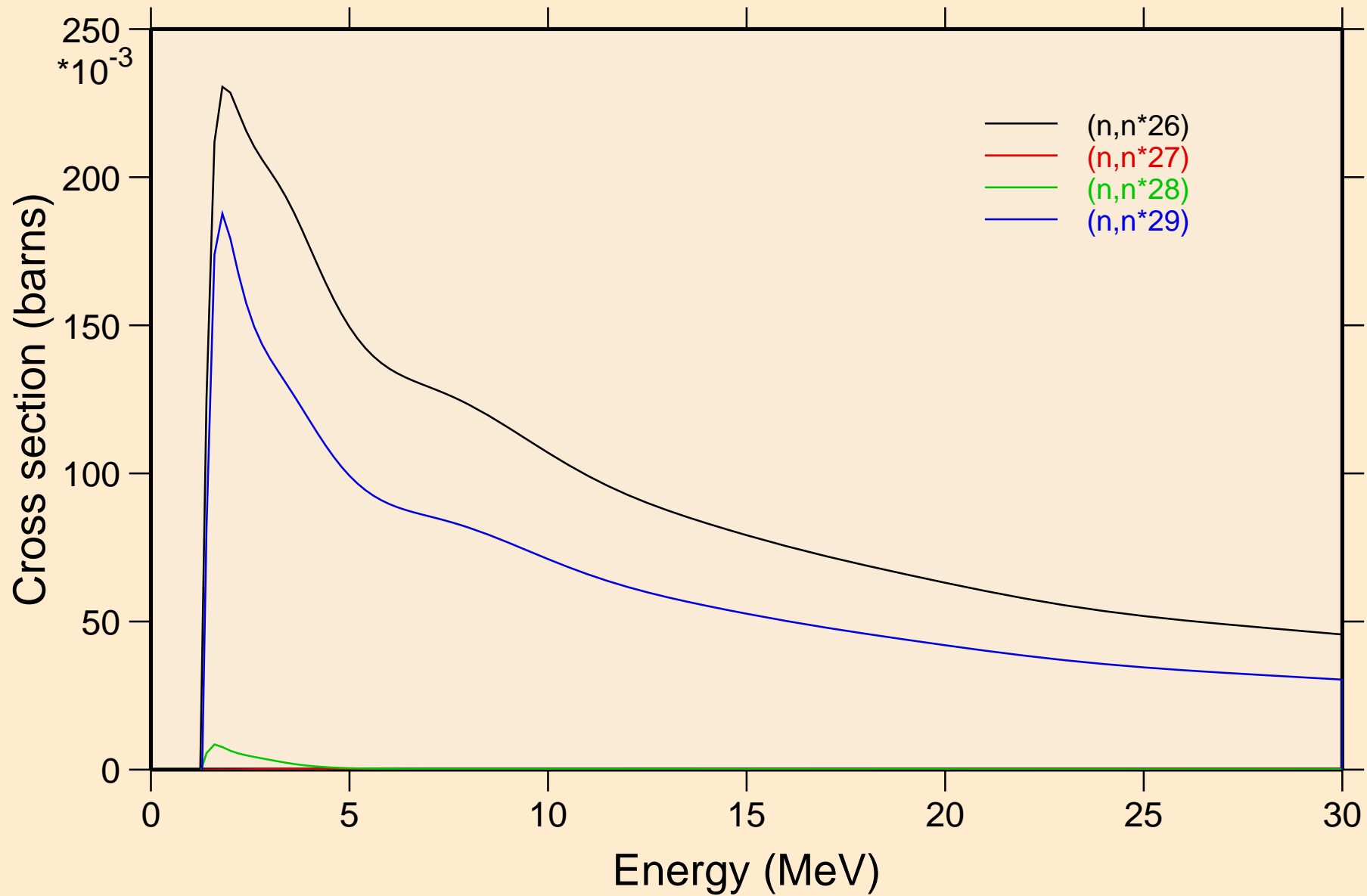
# ZR099 NRG TENDL-2015, AKONING

## Inelastic levels



# ZR099 NRG TENDL-2015, AKONING

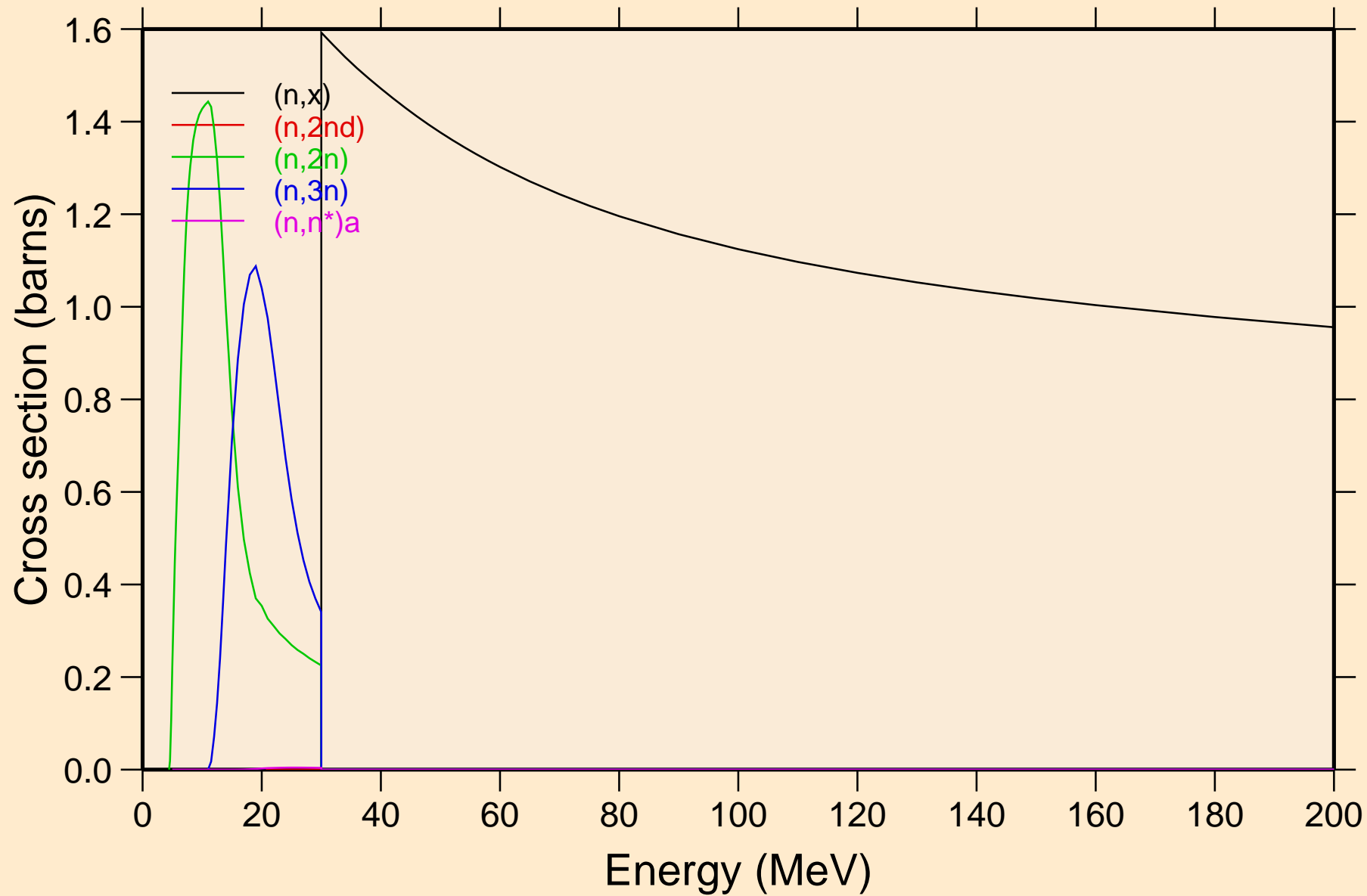
## Inelastic levels





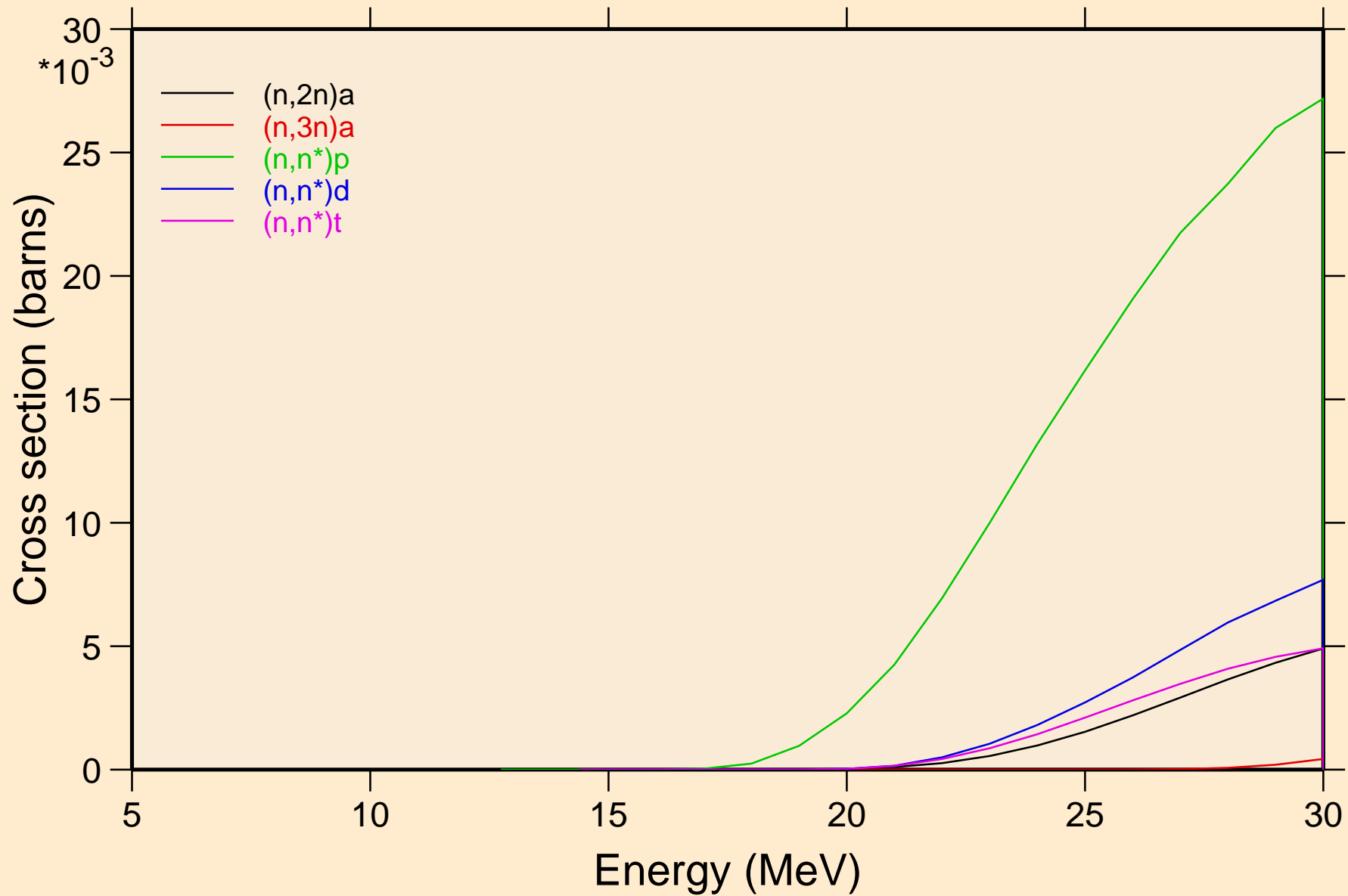
# ZR099 NRG TENDL-2015, AKONING

## Threshold reactions



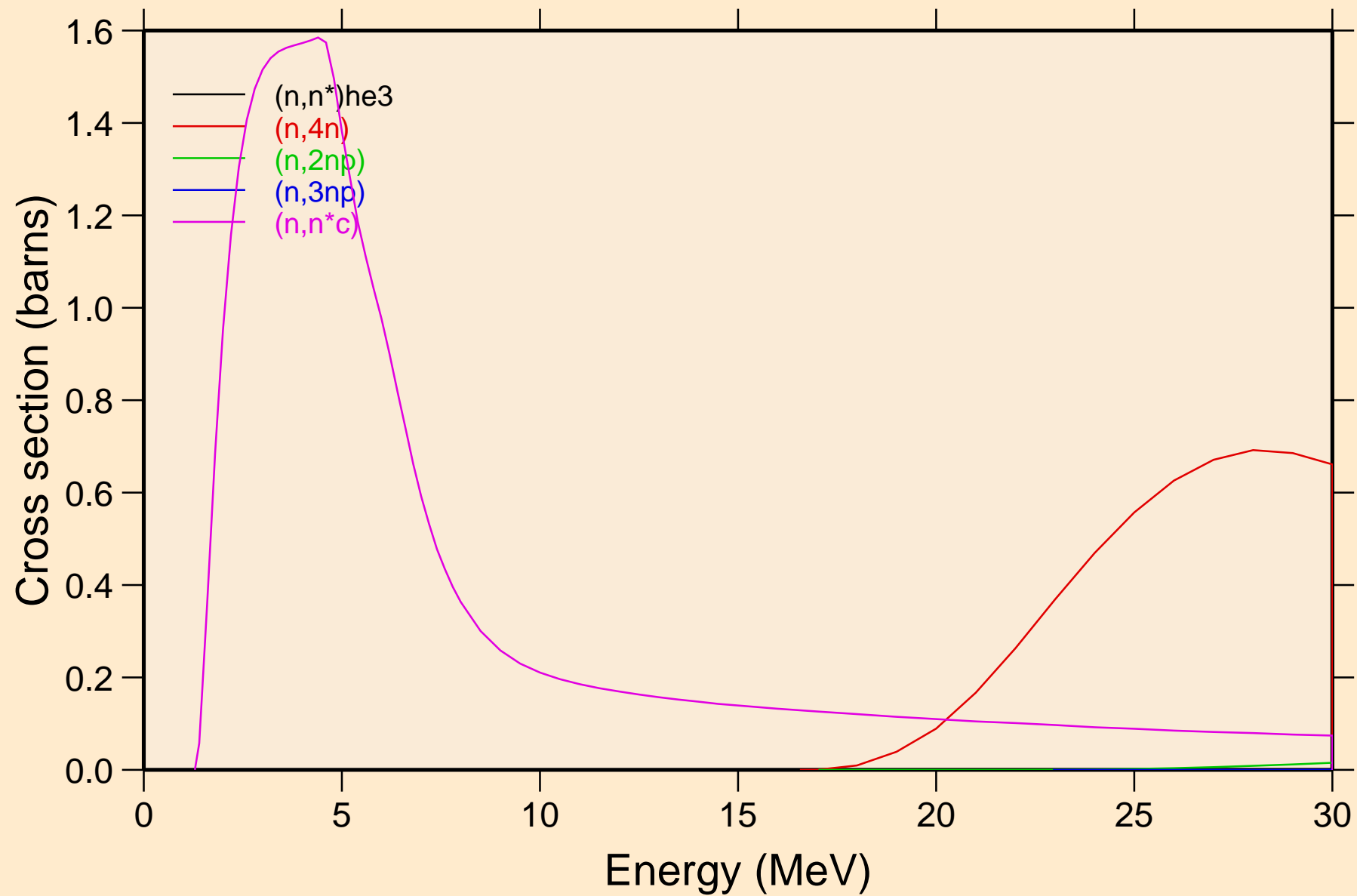
# ZR099 NRG TENDL-2015, AKONING

## Threshold reactions



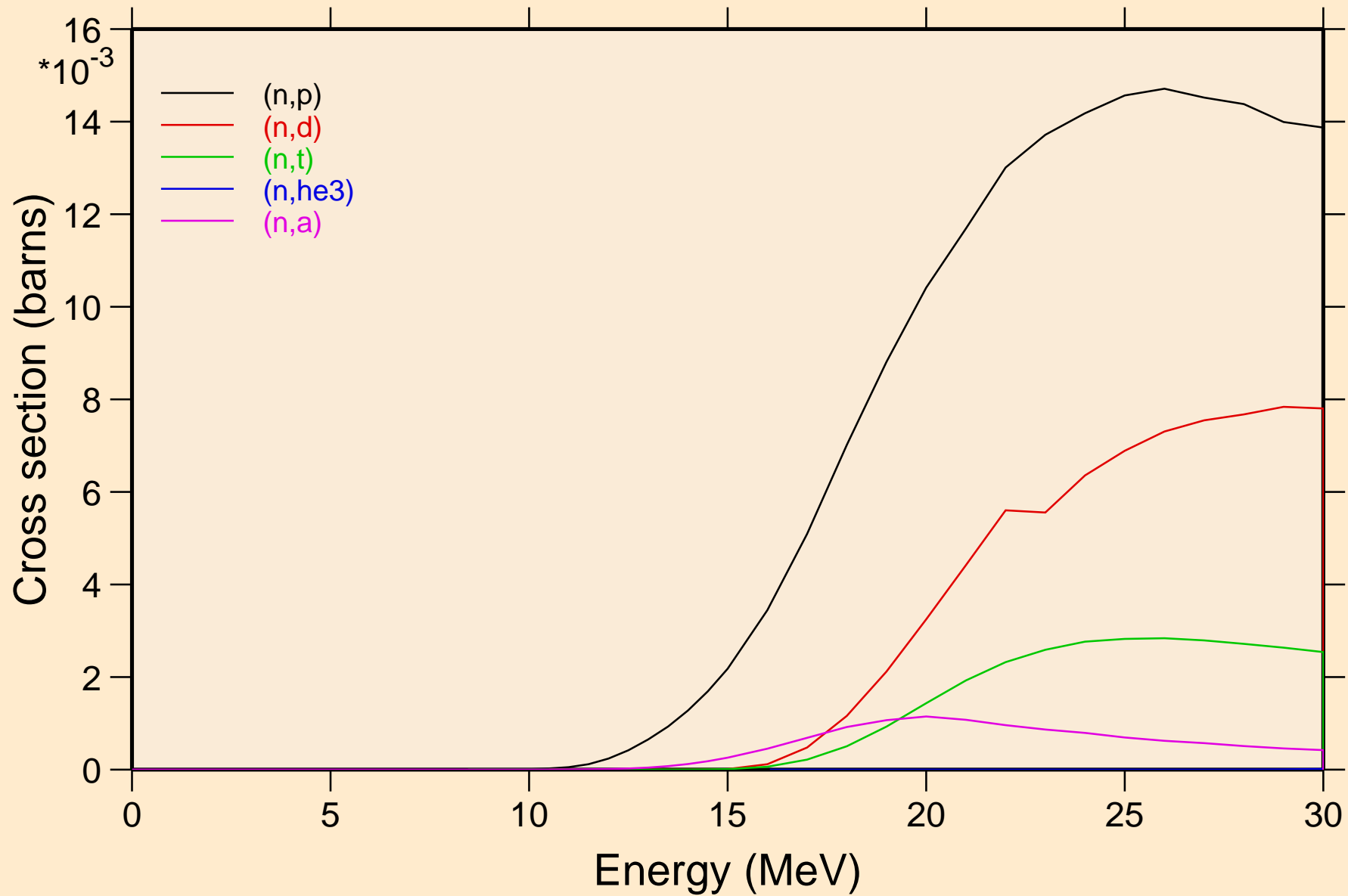
# ZR099 NRG TENDL-2015, AKONING

## Threshold reactions



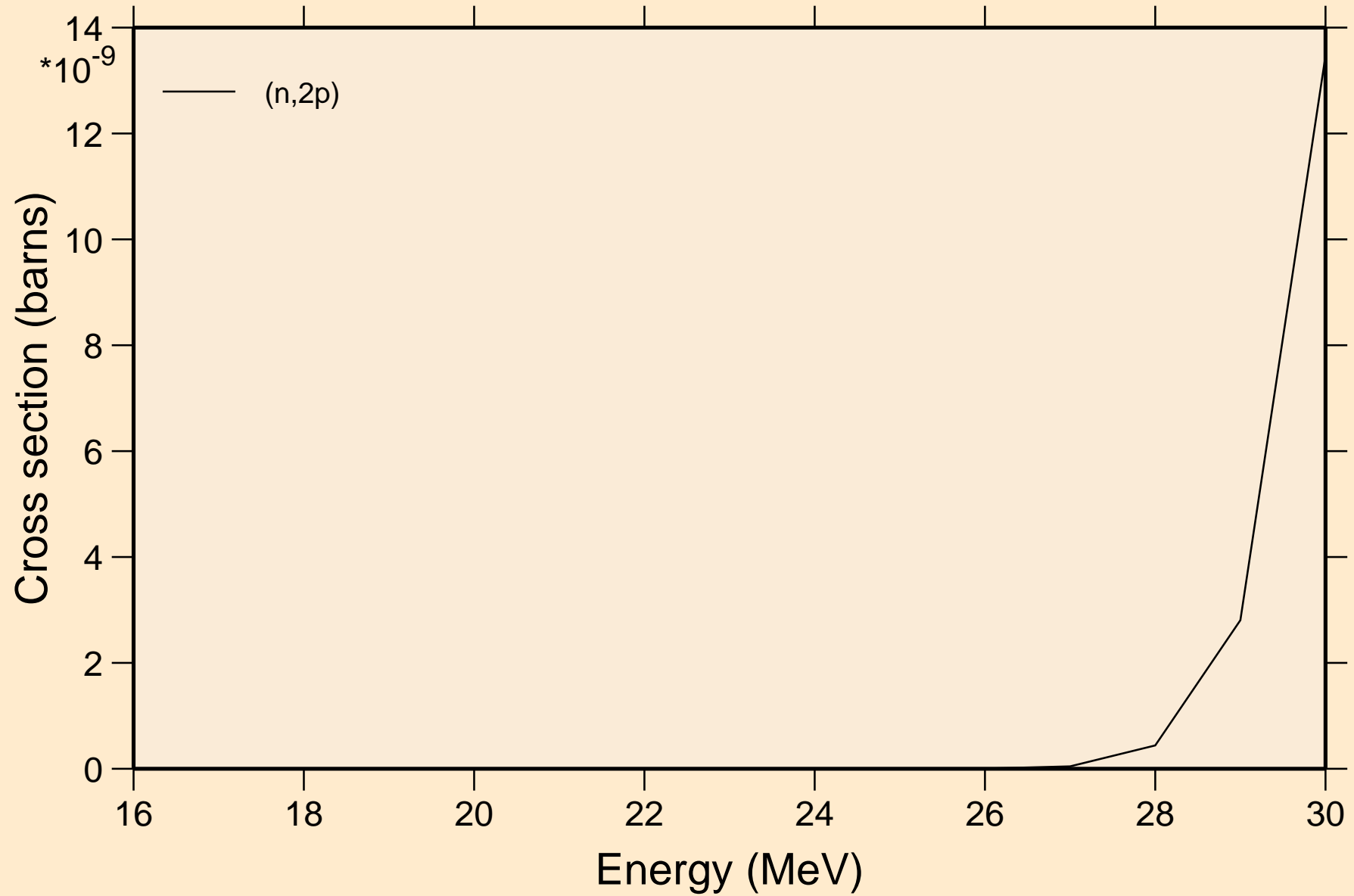
# ZR099 NRG TENDL-2015, AKONING

## Threshold reactions

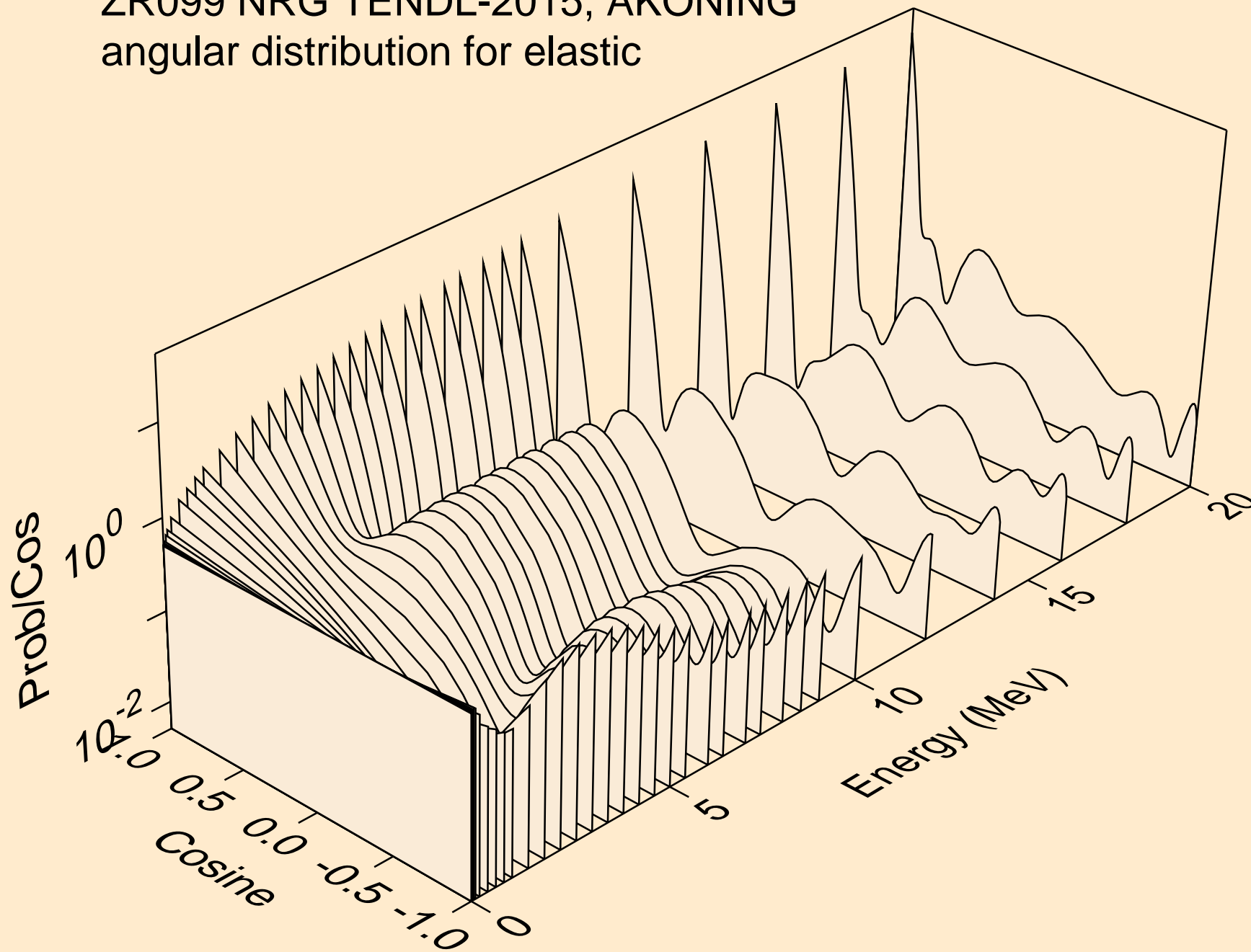


# ZR099 NRG TENDL-2015, AKONING

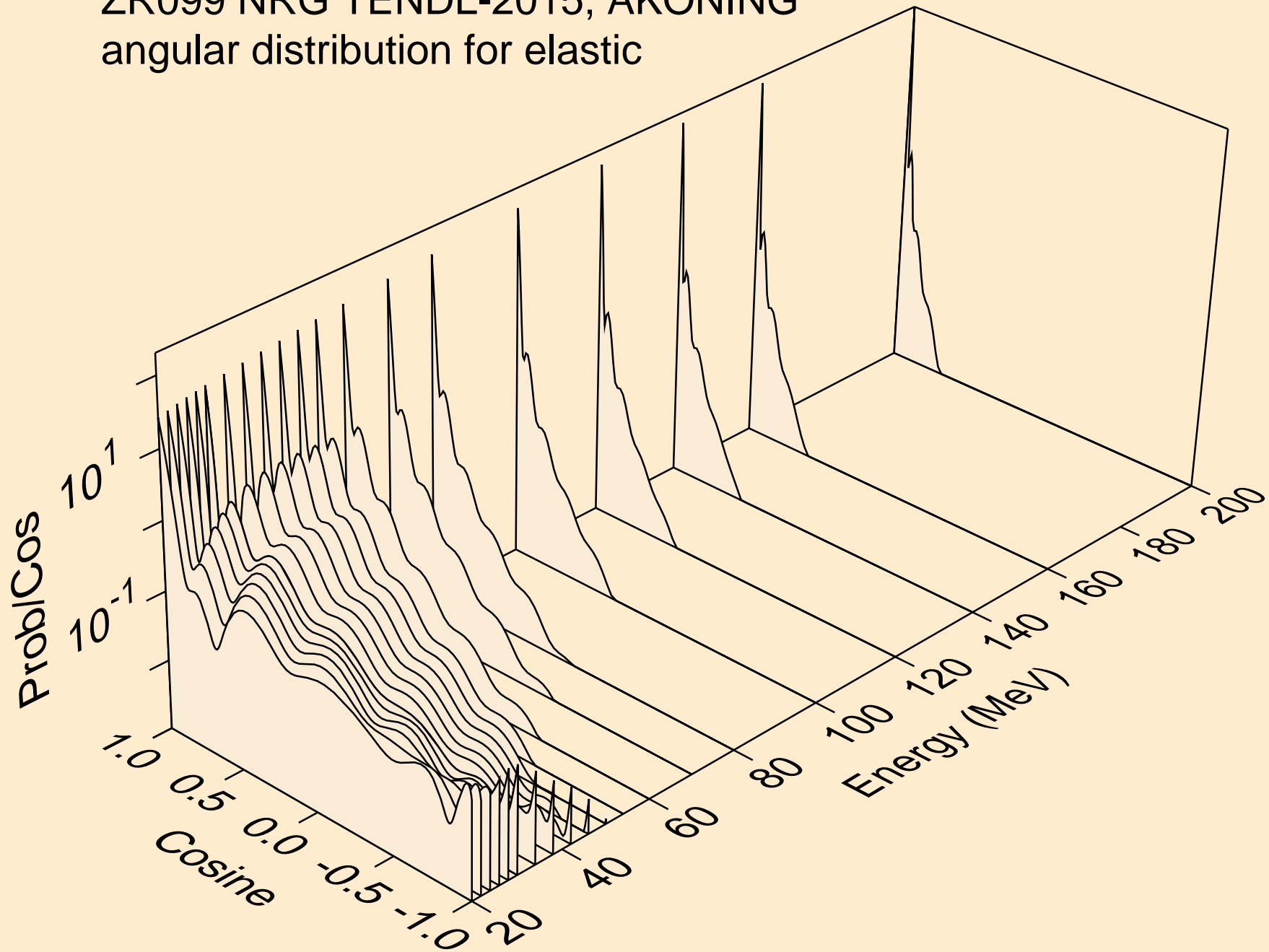
## Threshold reactions



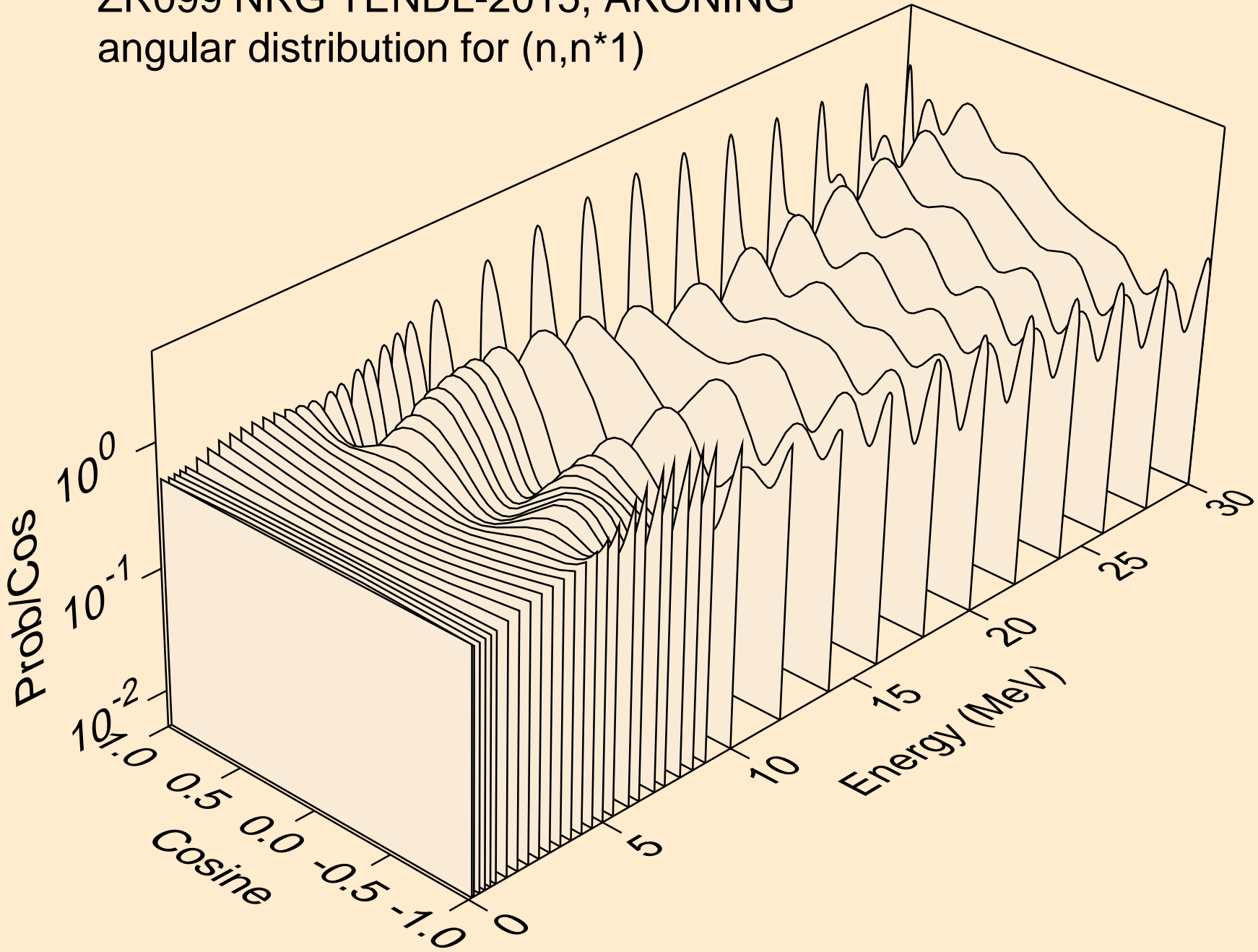
ZR099 NRG TENDL-2015, AKONING  
angular distribution for elastic



ZR099 NRG TENDL-2015, AKONING  
angular distribution for elastic

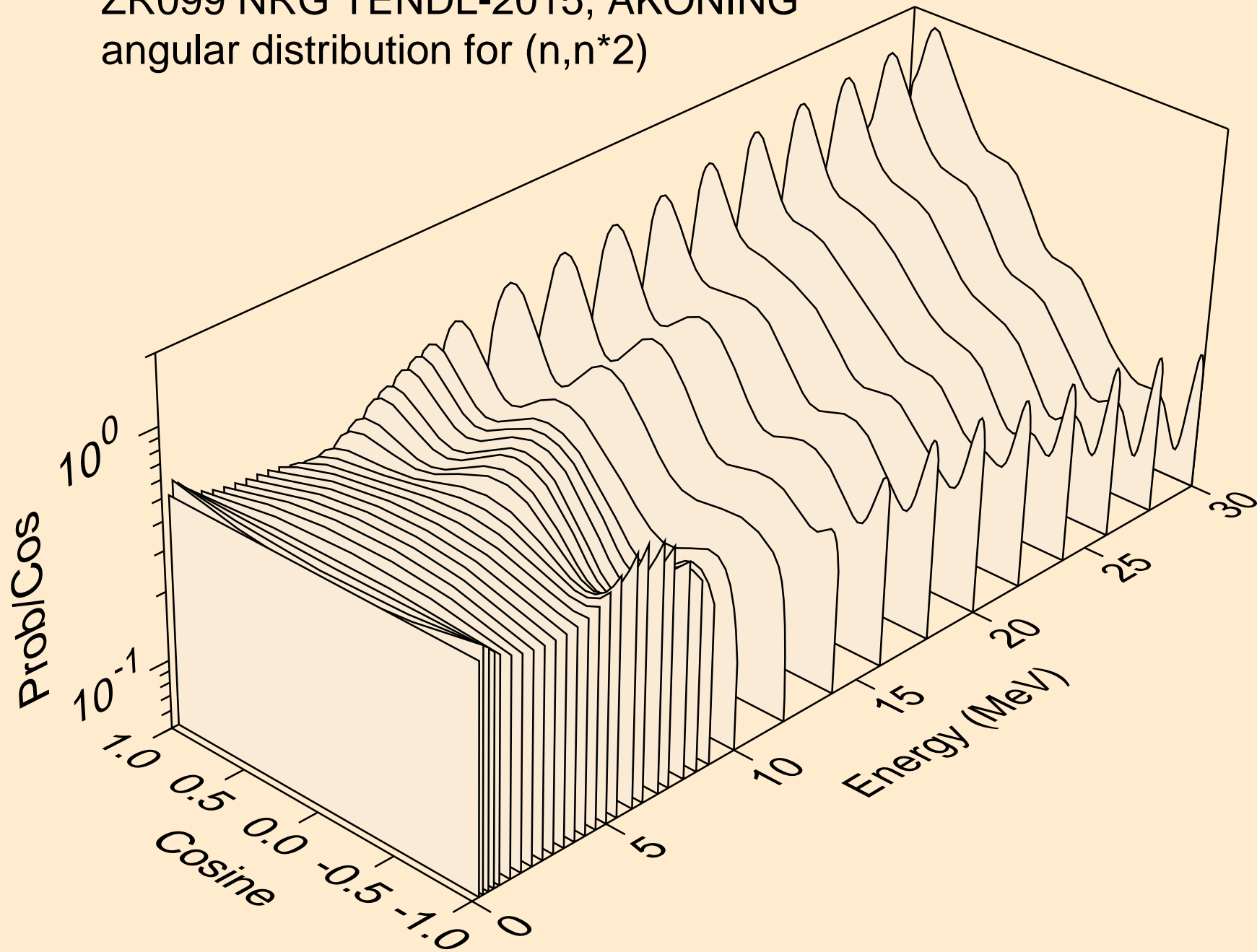


ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

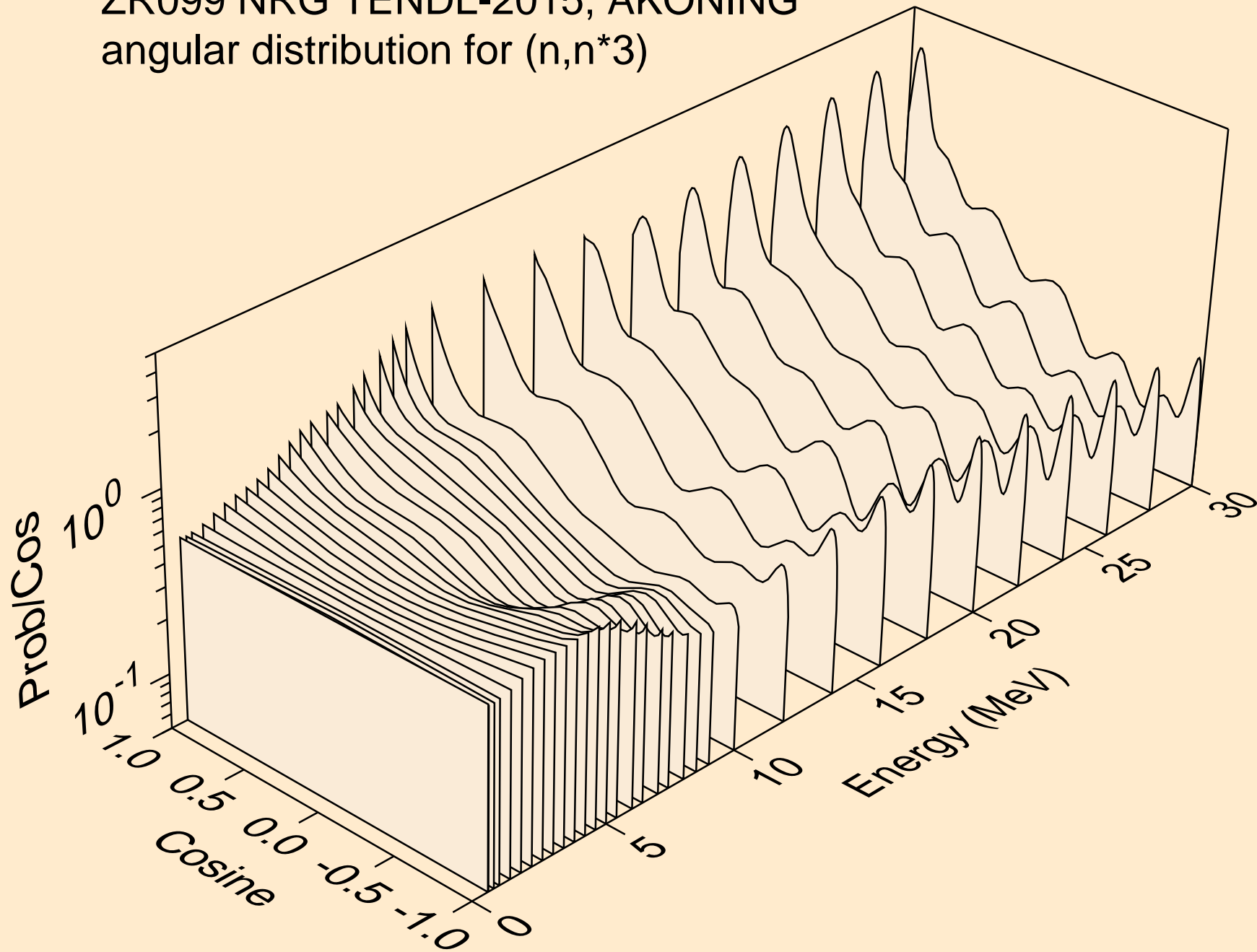




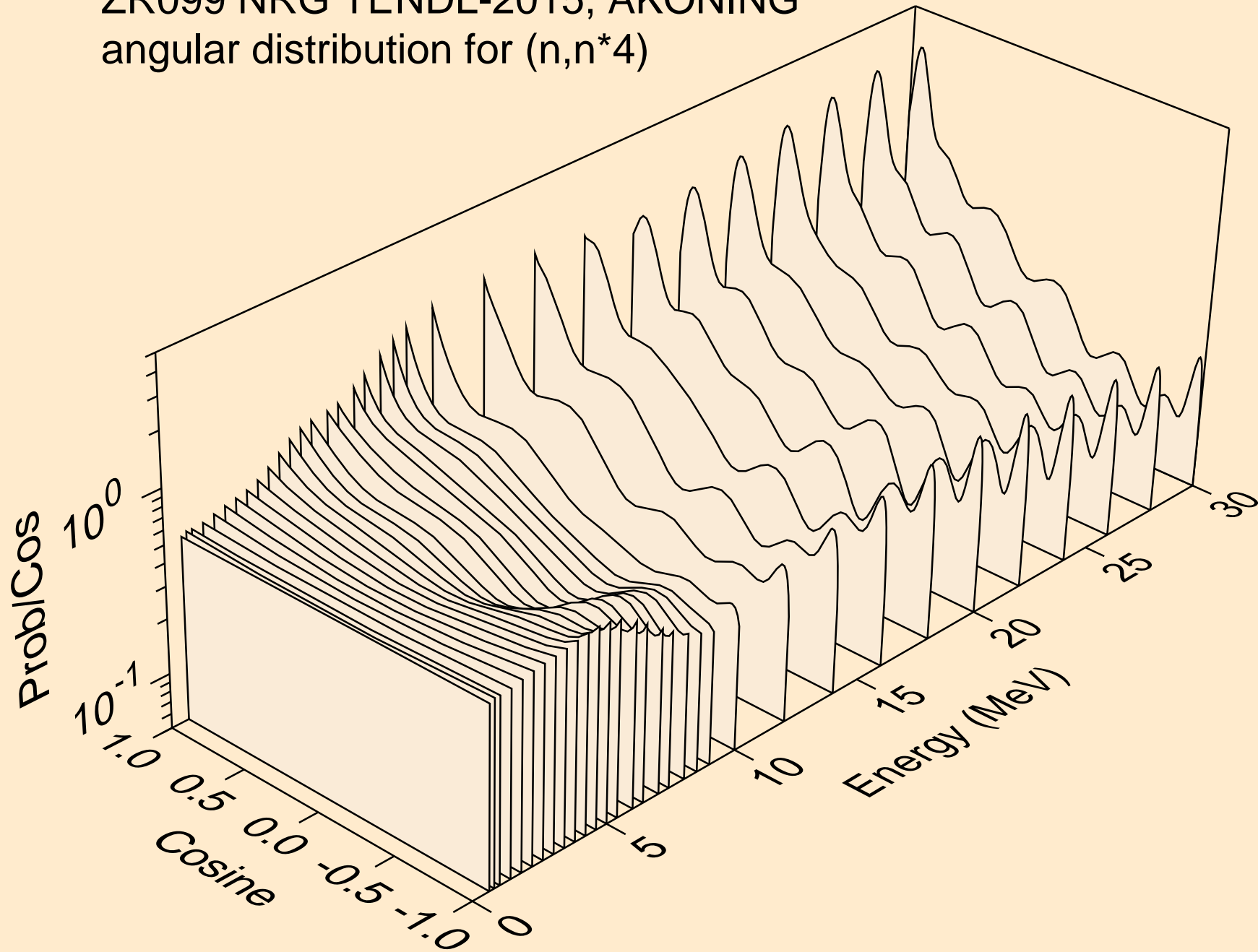
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



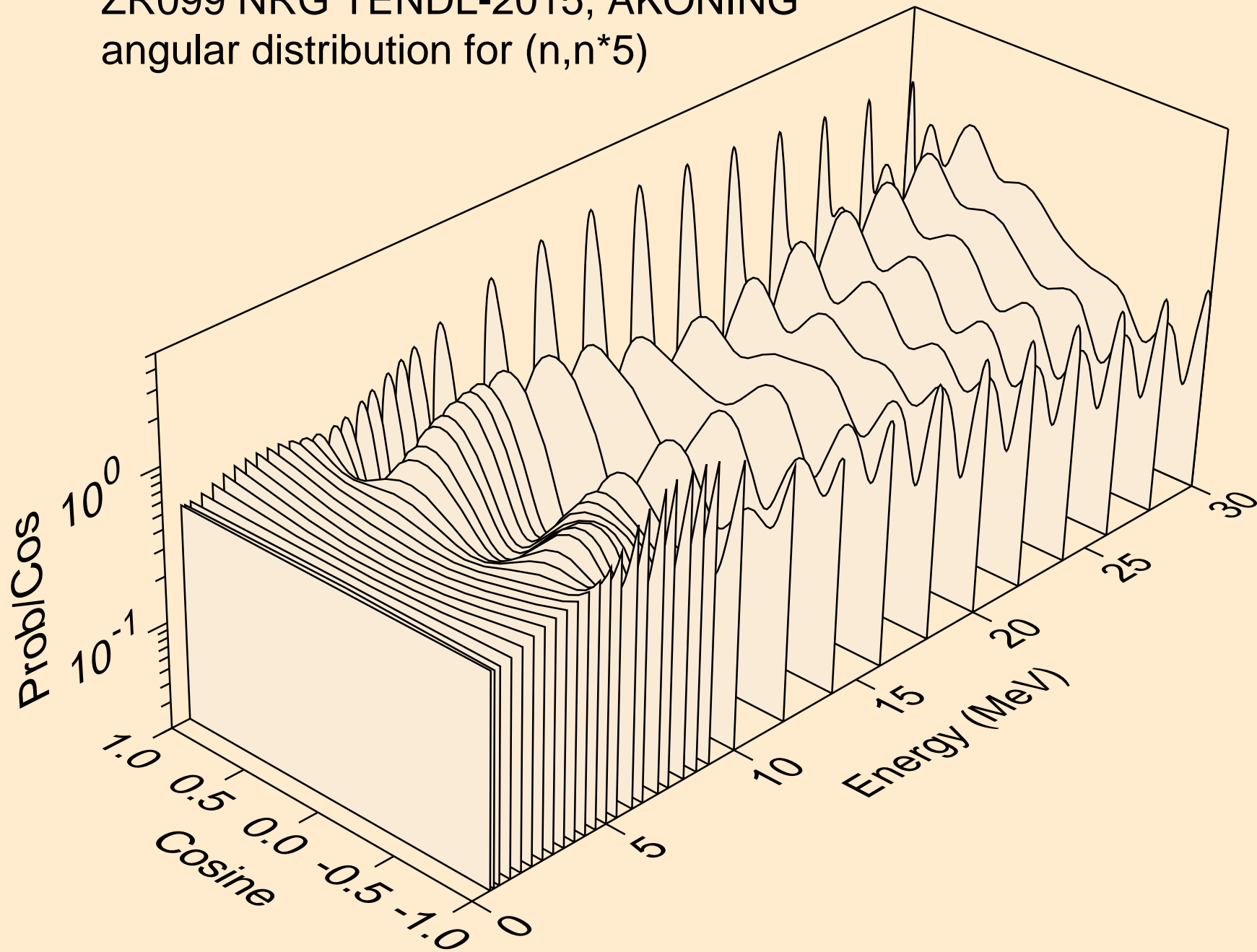
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



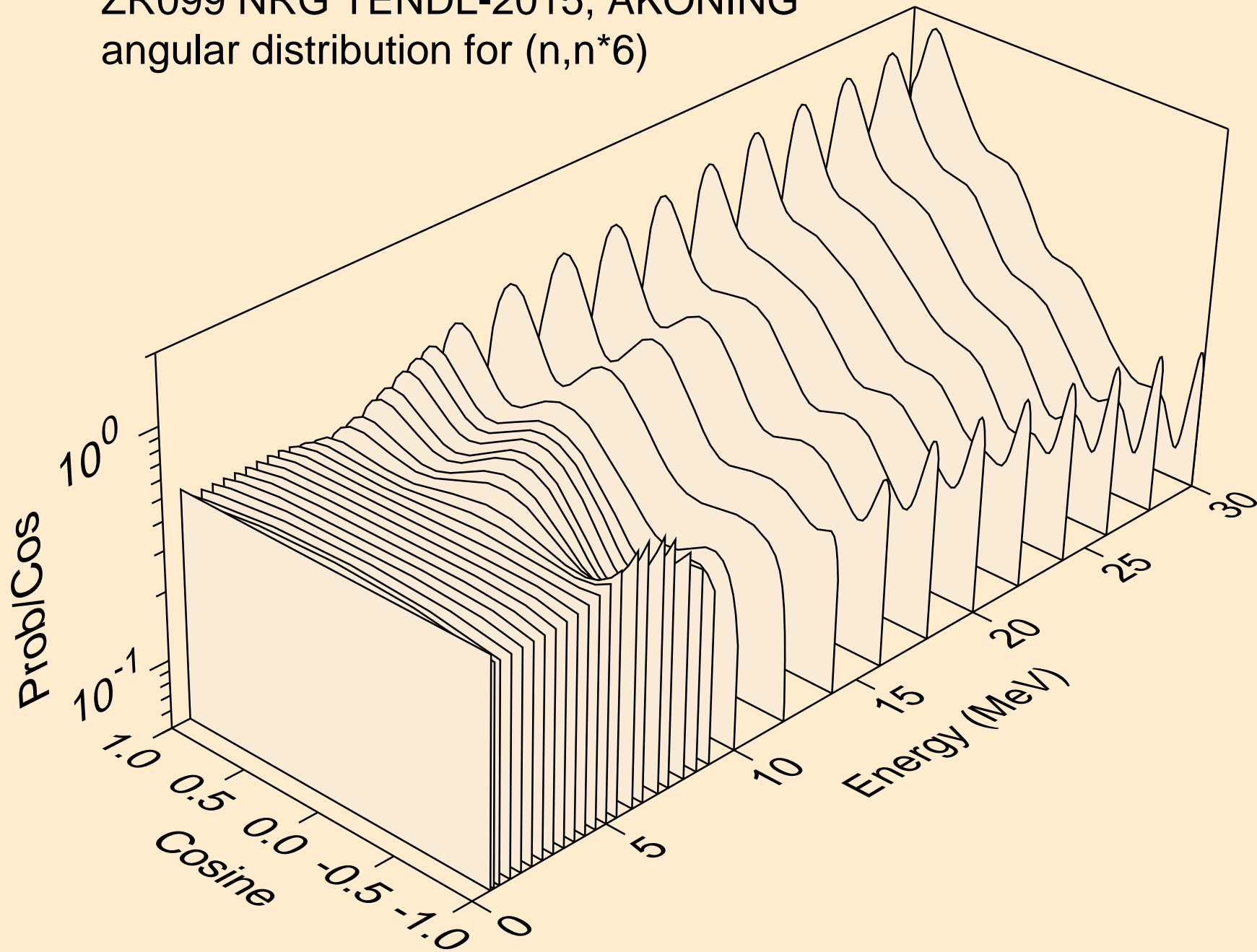
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



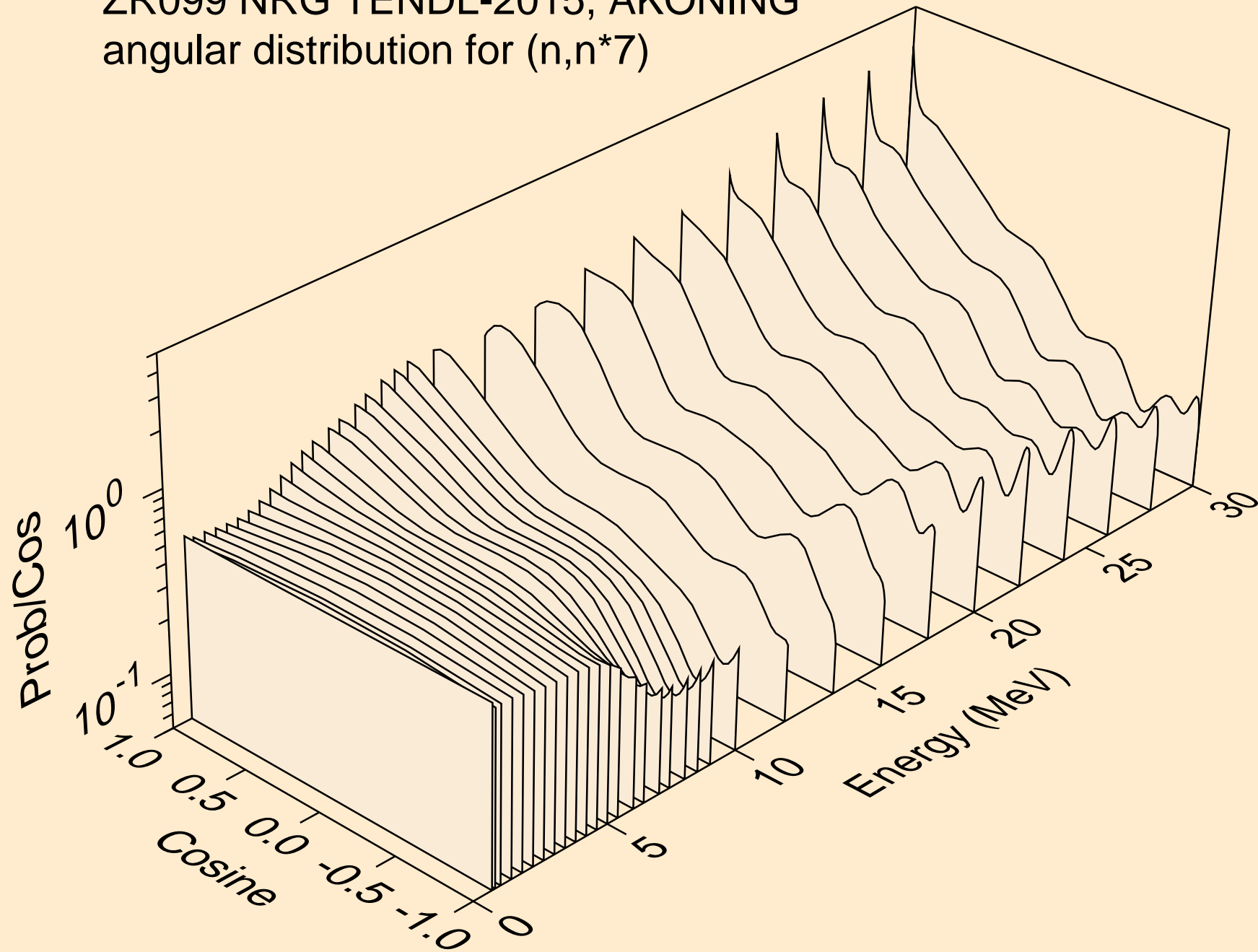
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



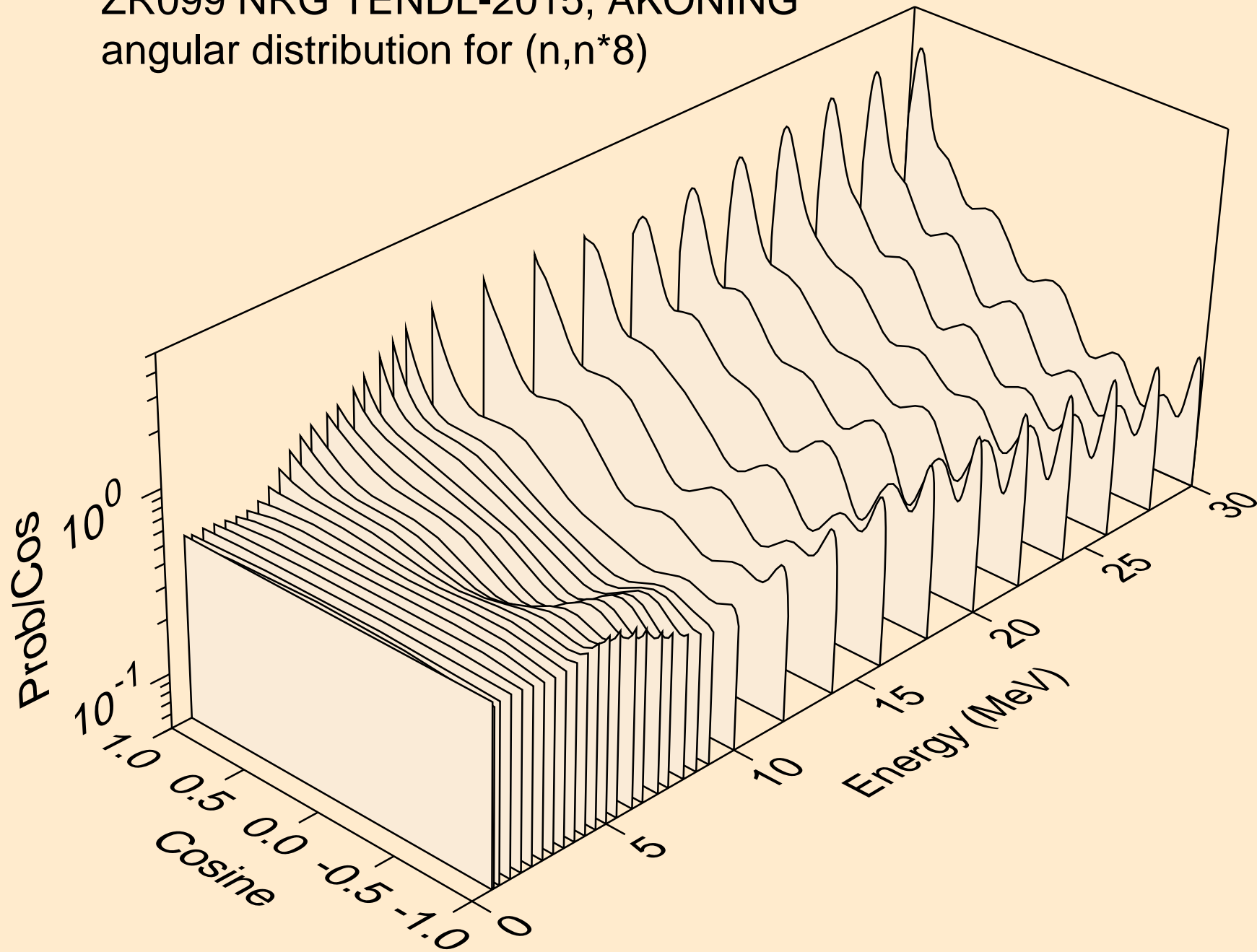
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



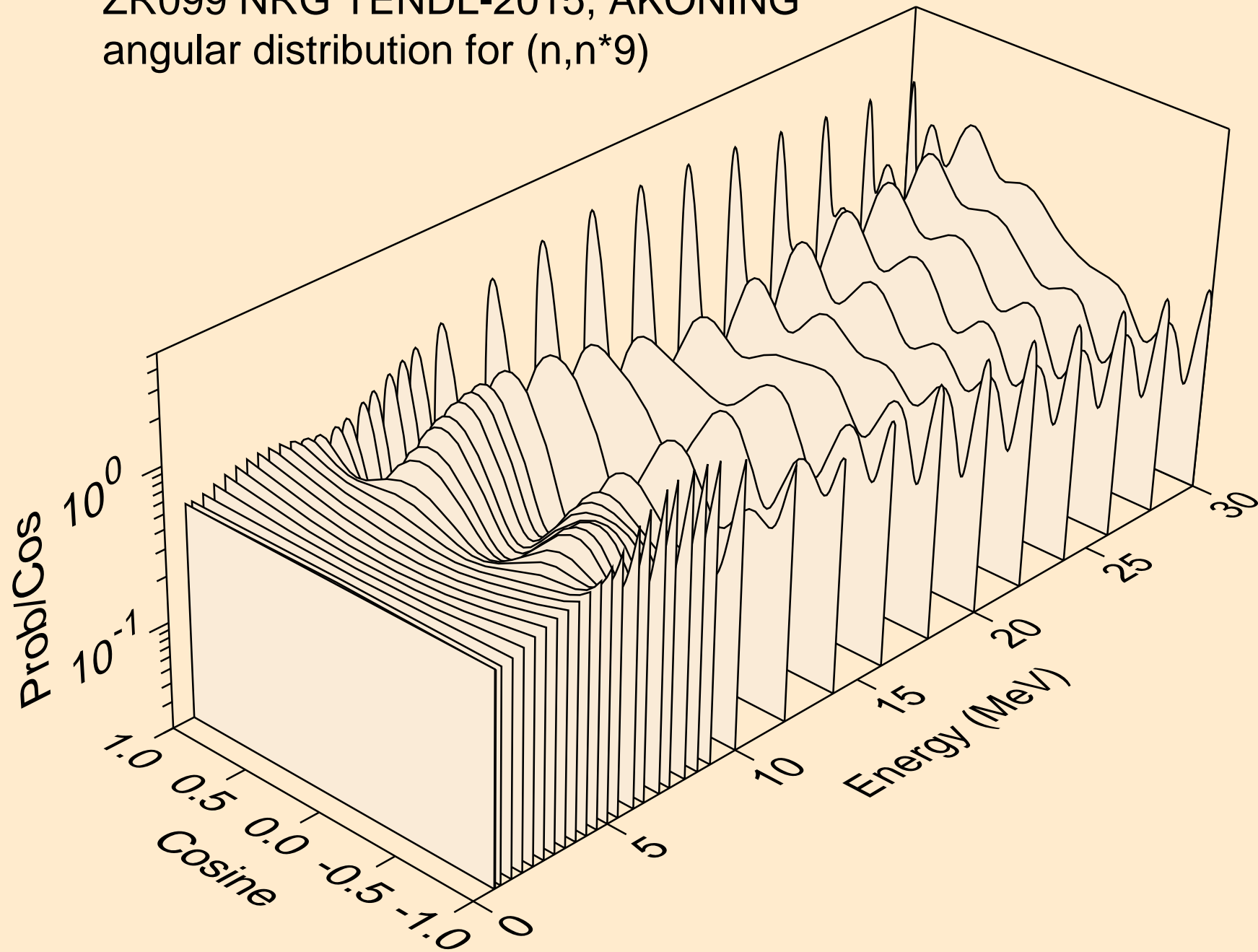
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

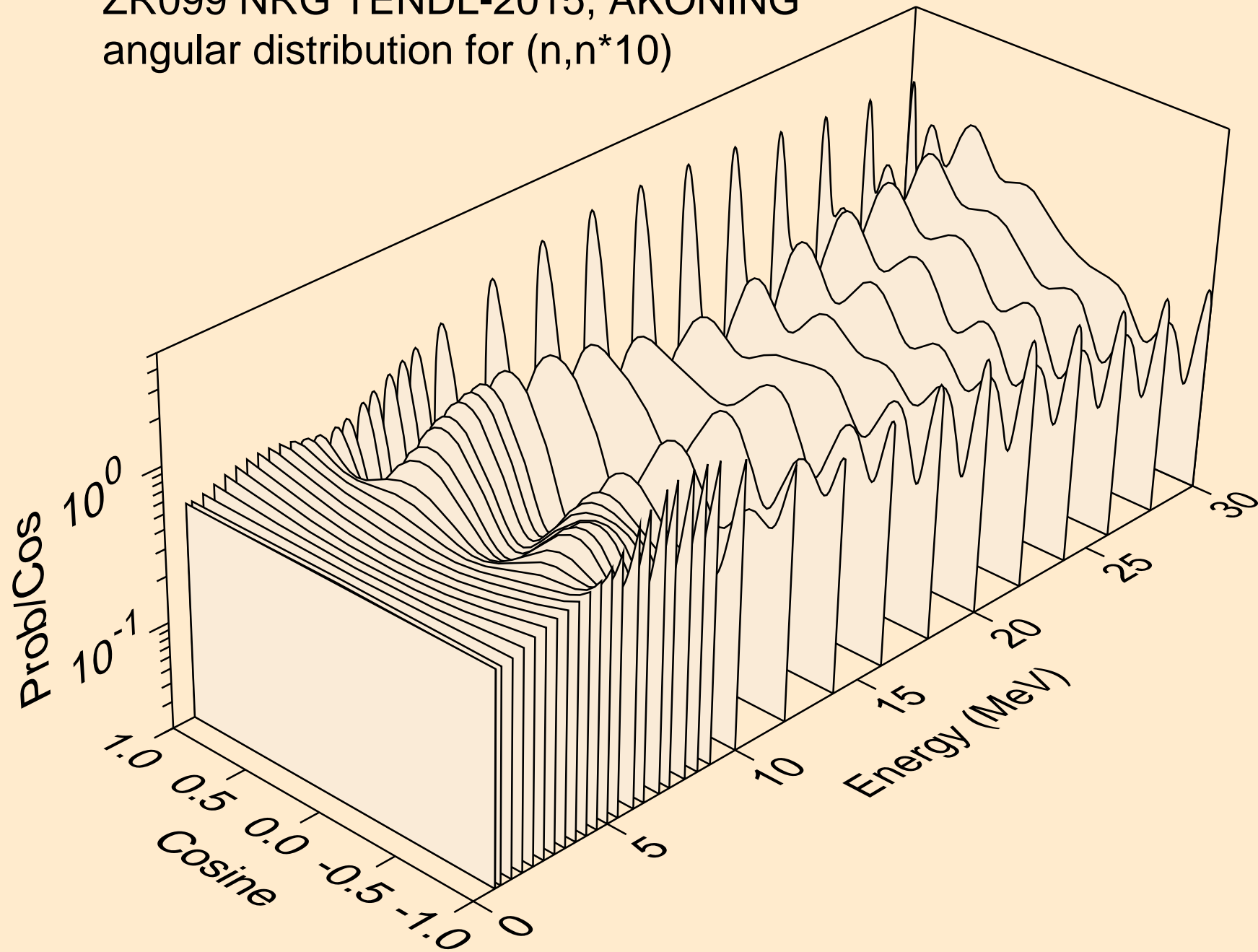


ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

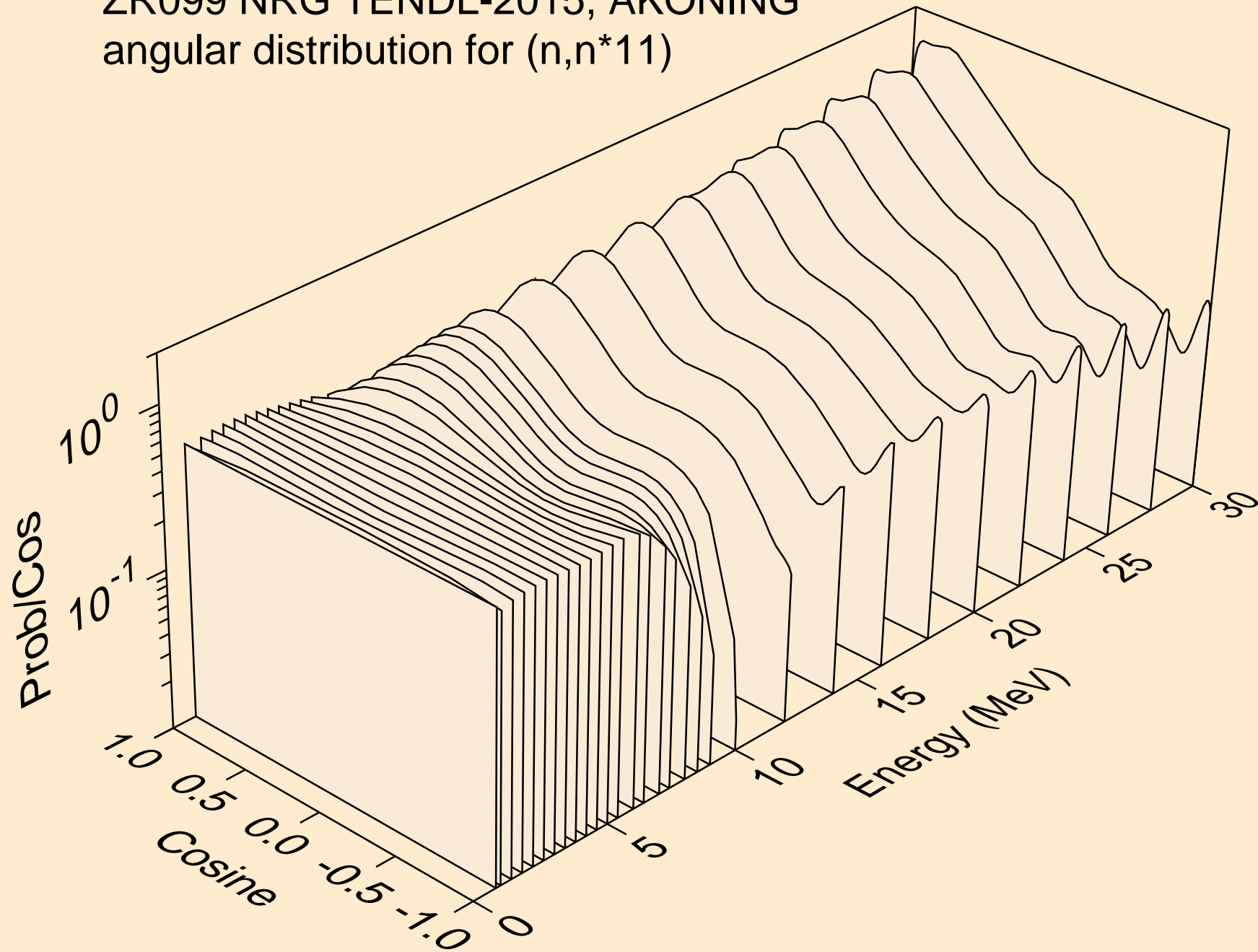




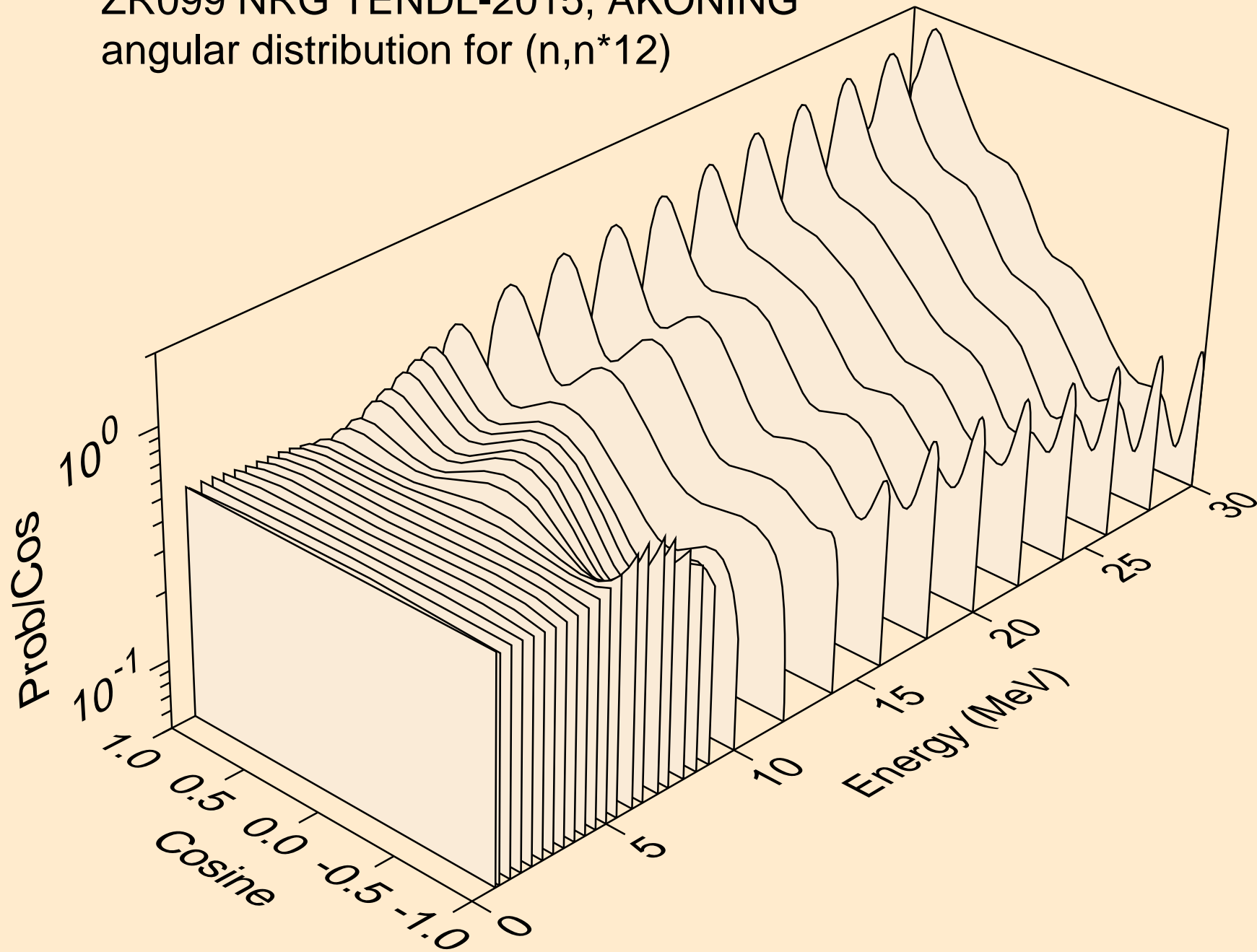
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



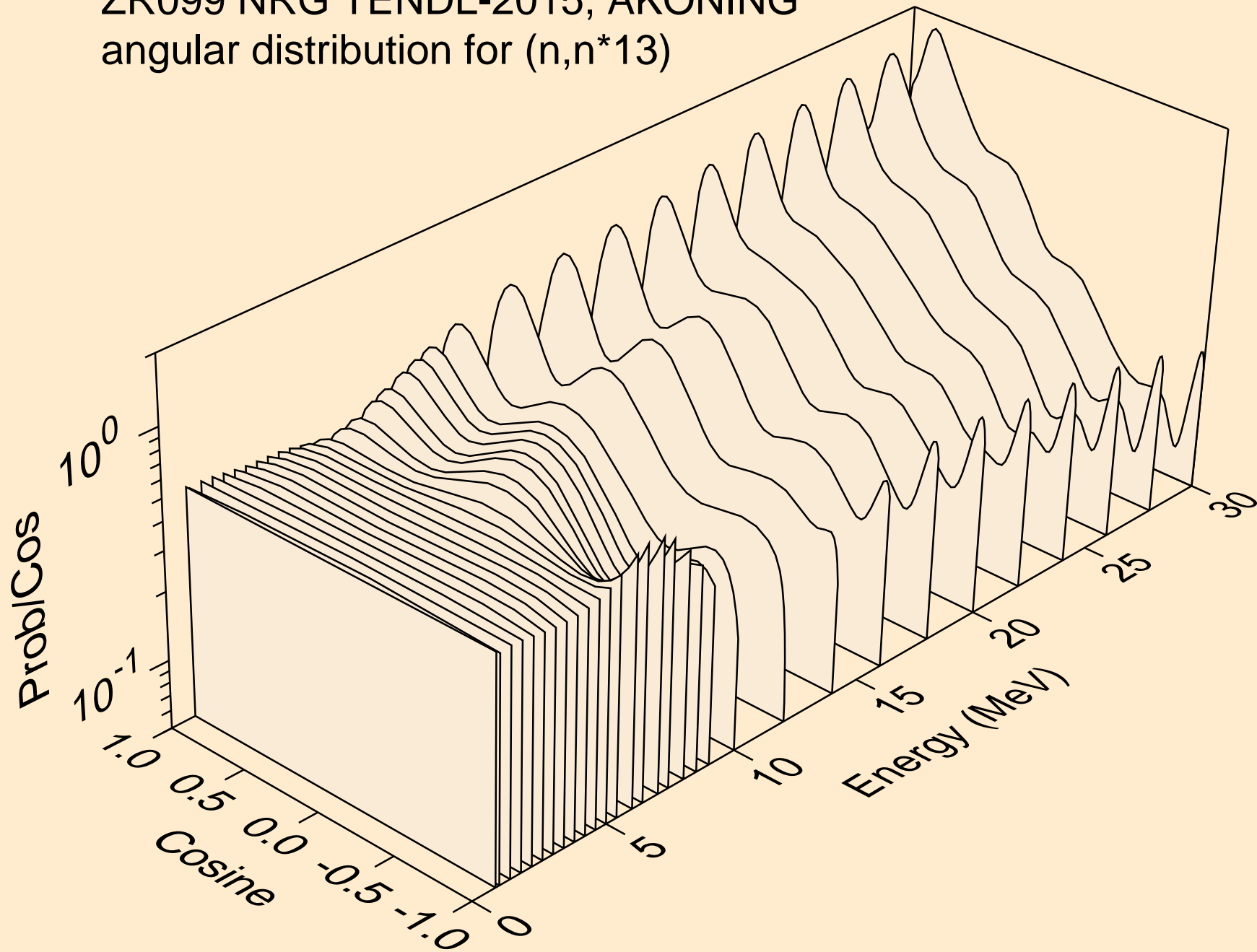
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



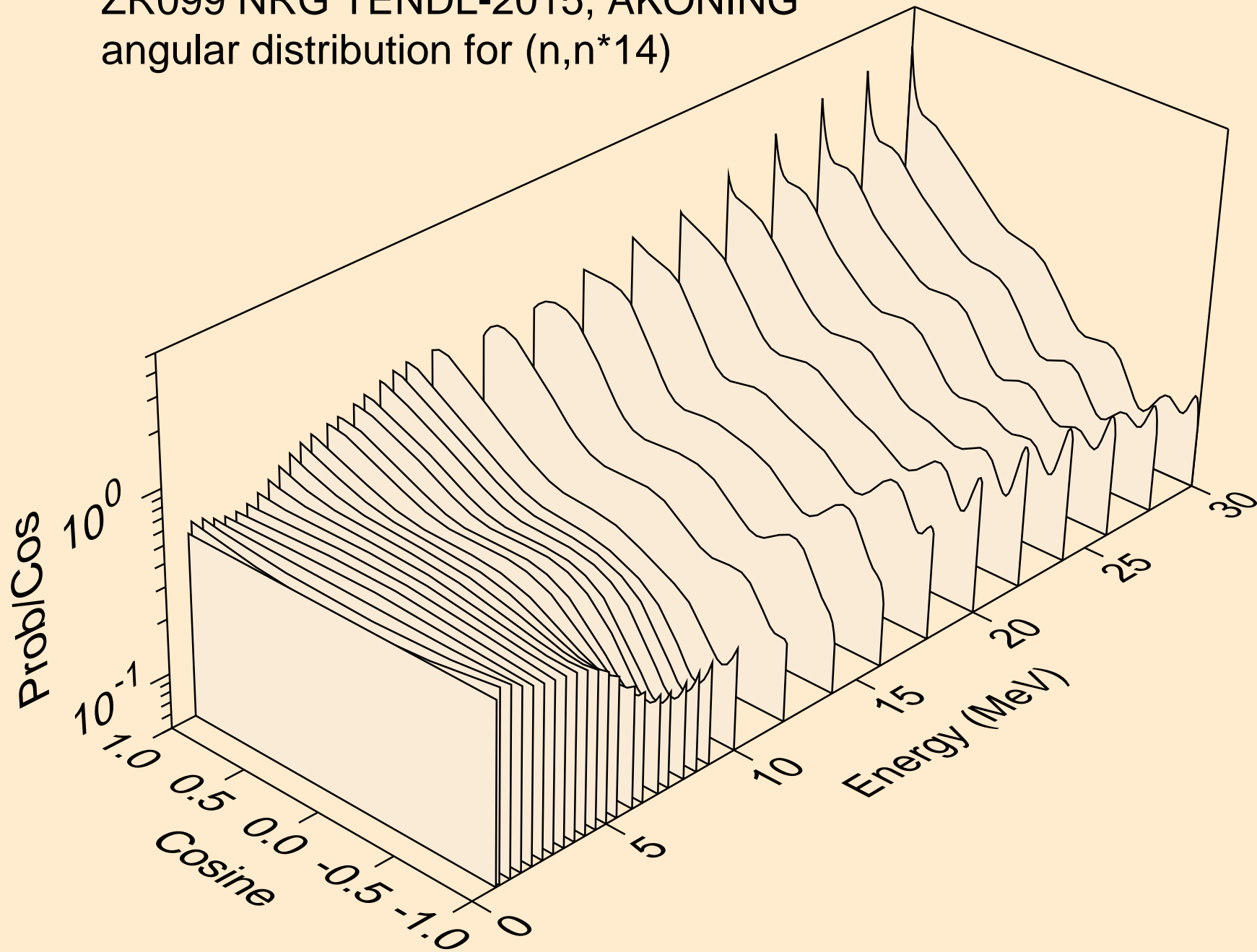
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angular distribution for (n,n\*12)



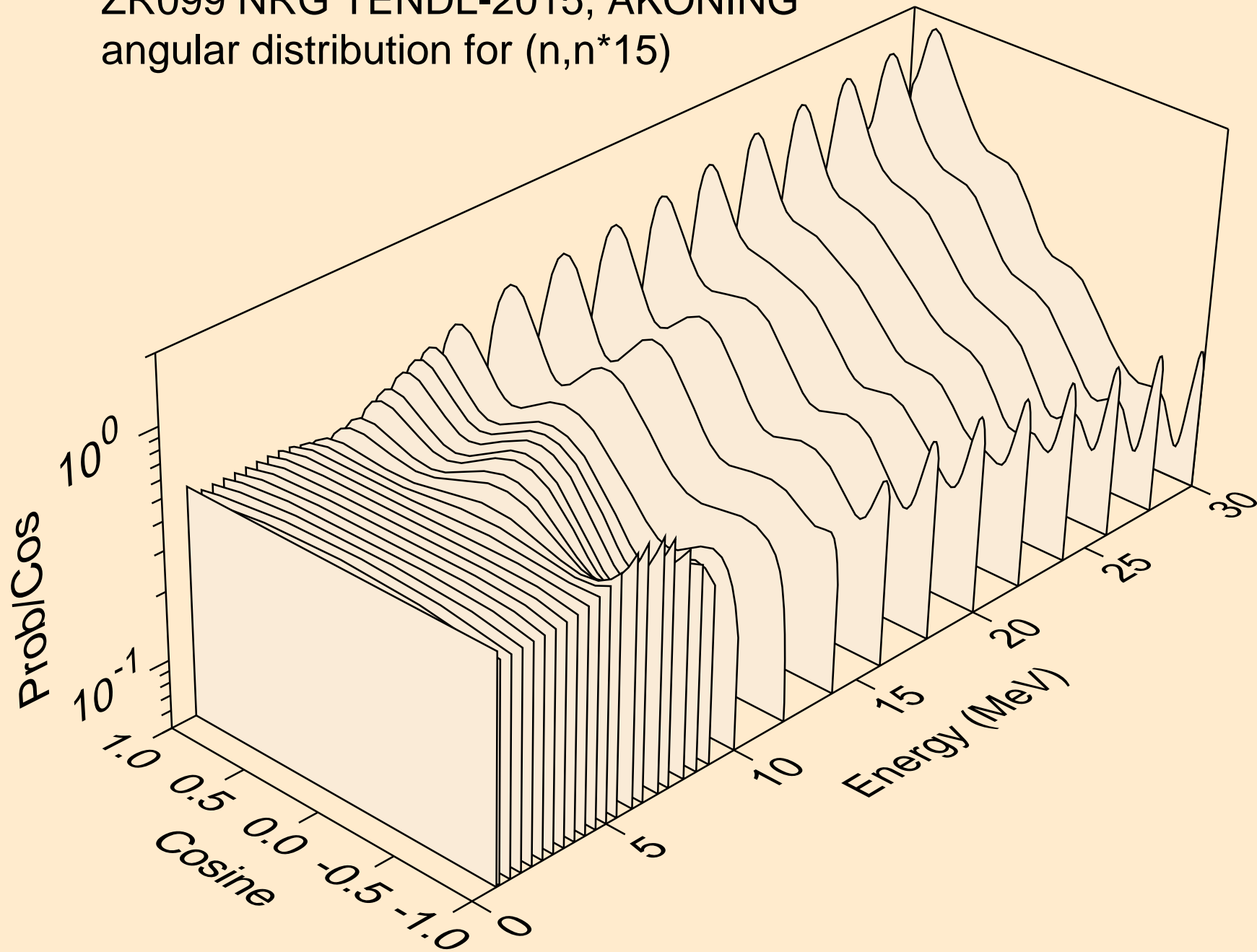
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



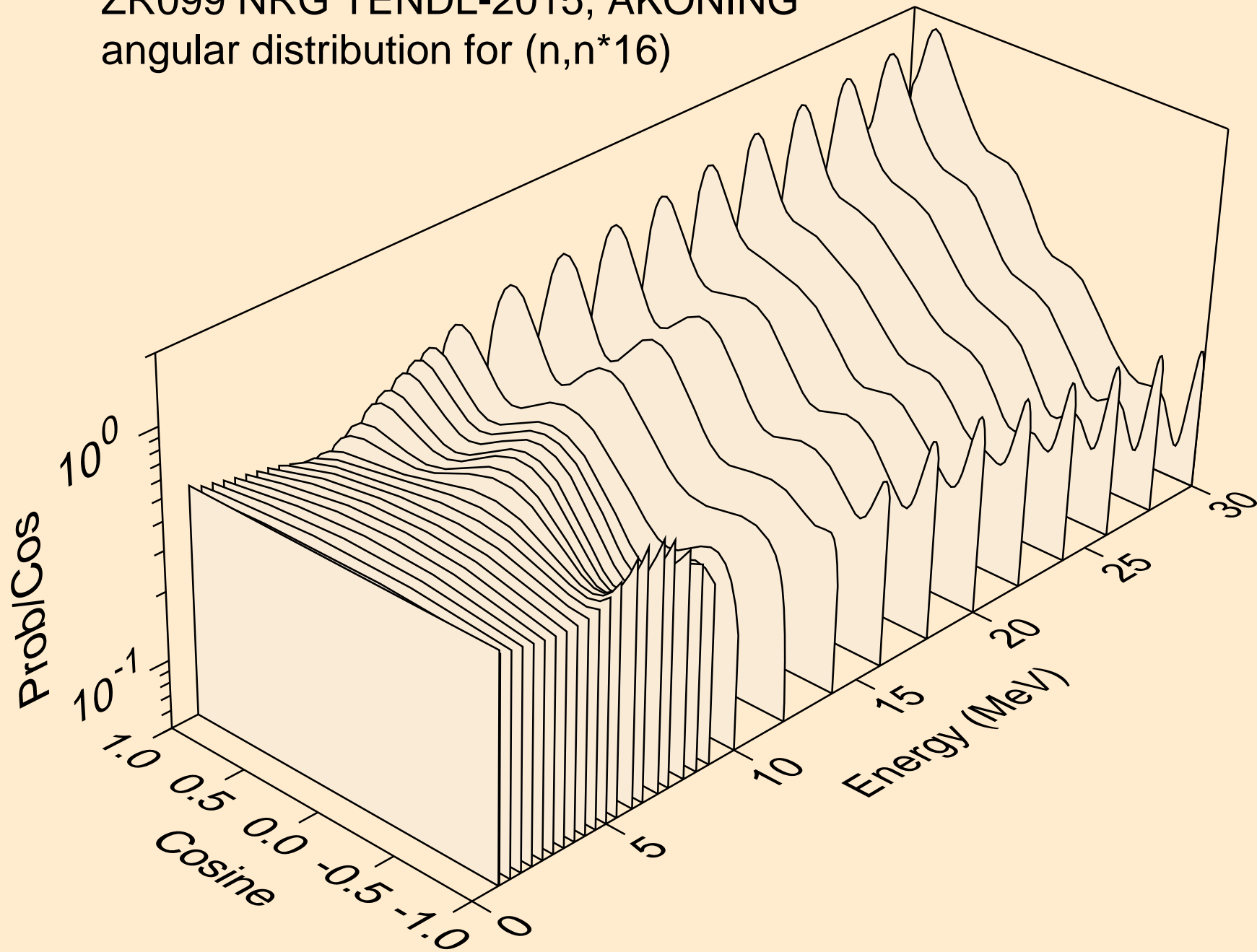
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



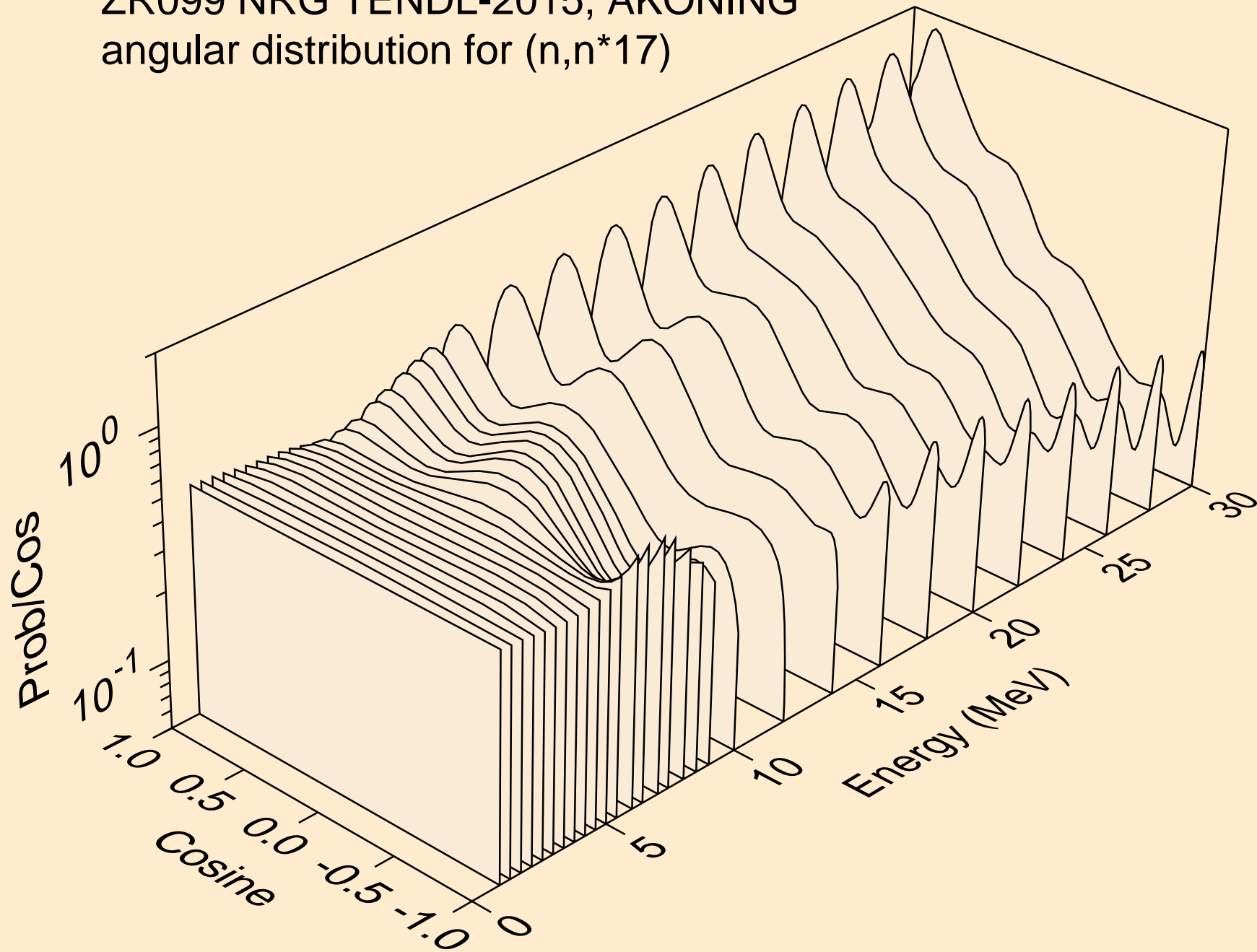
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

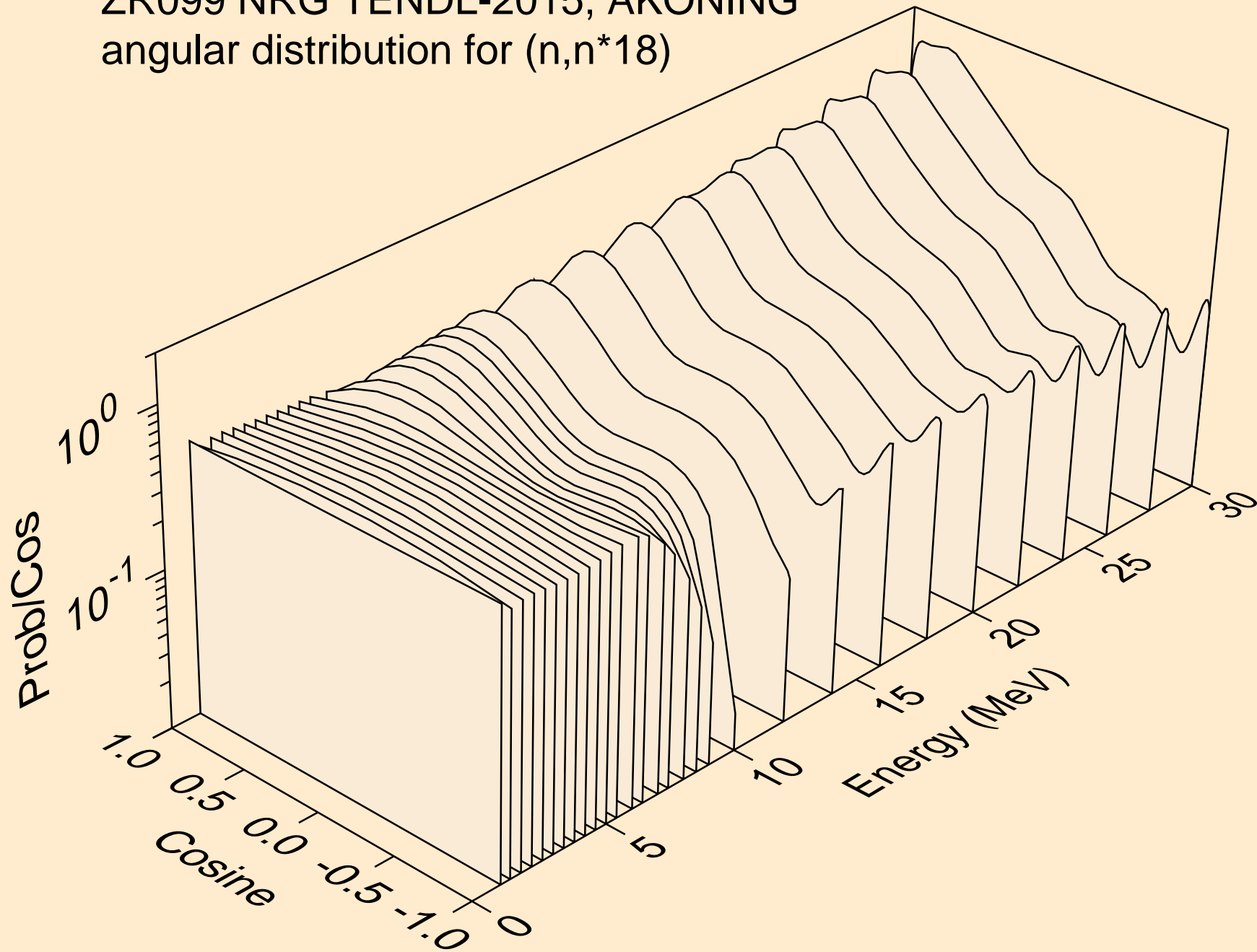


ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

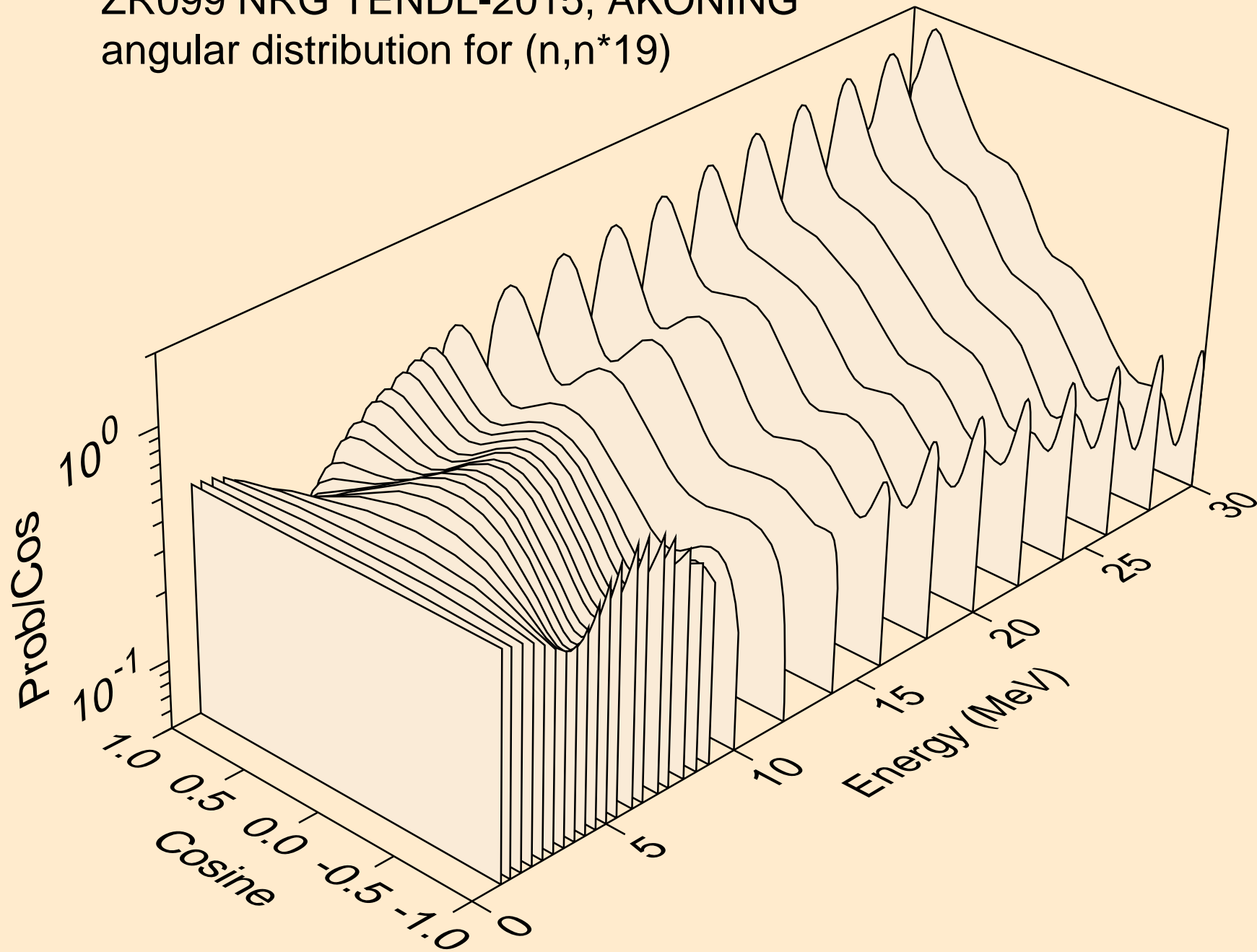




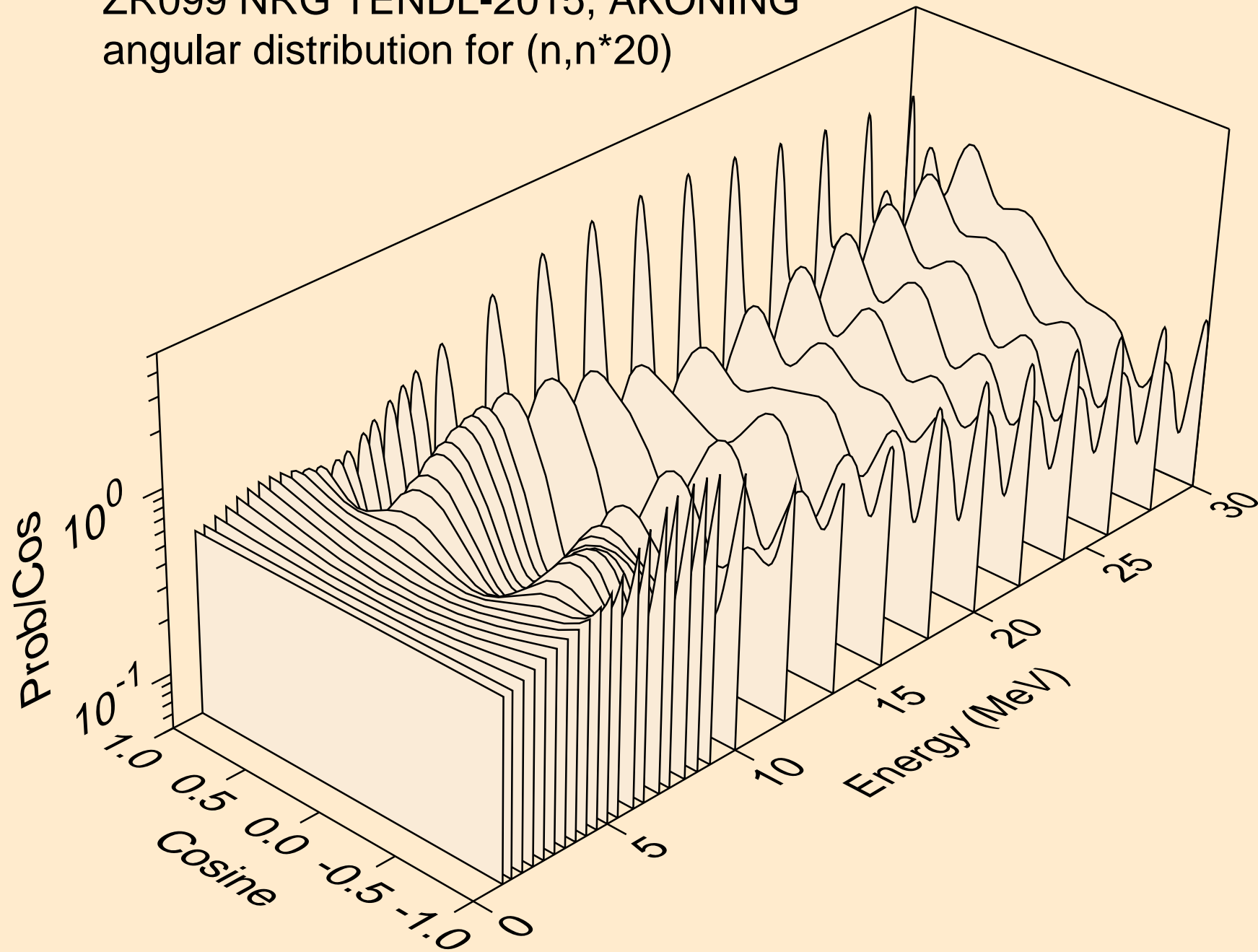
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



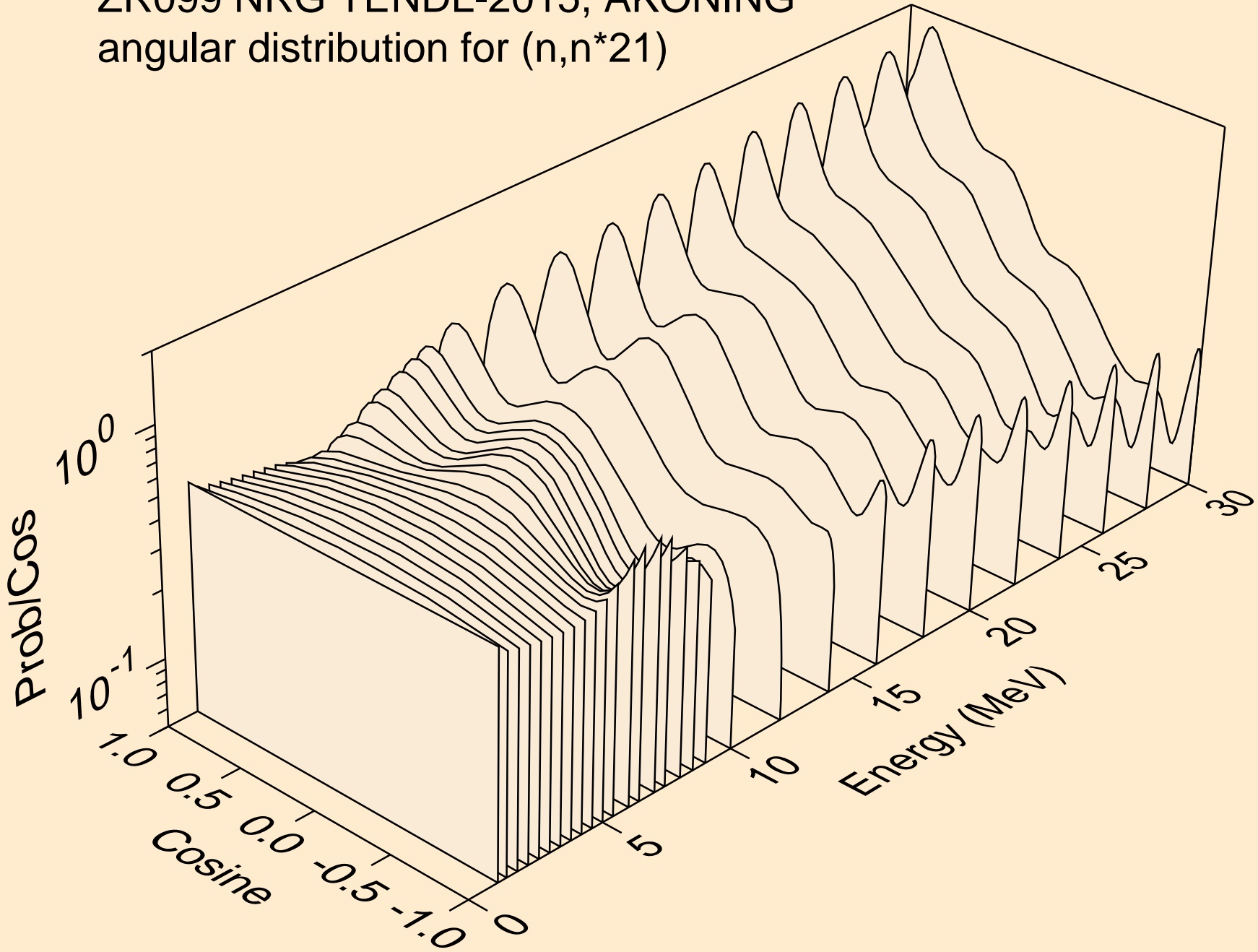
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



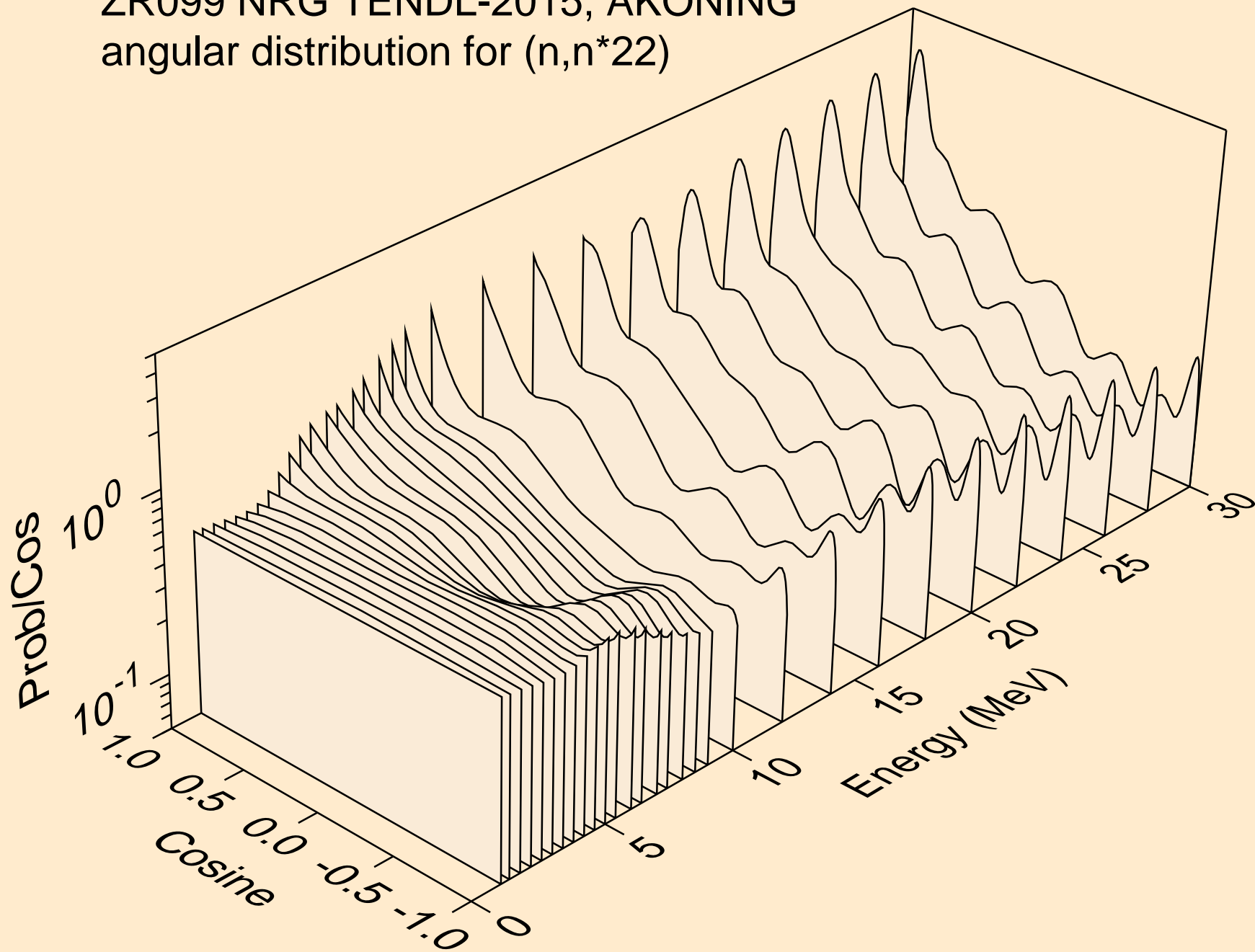
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



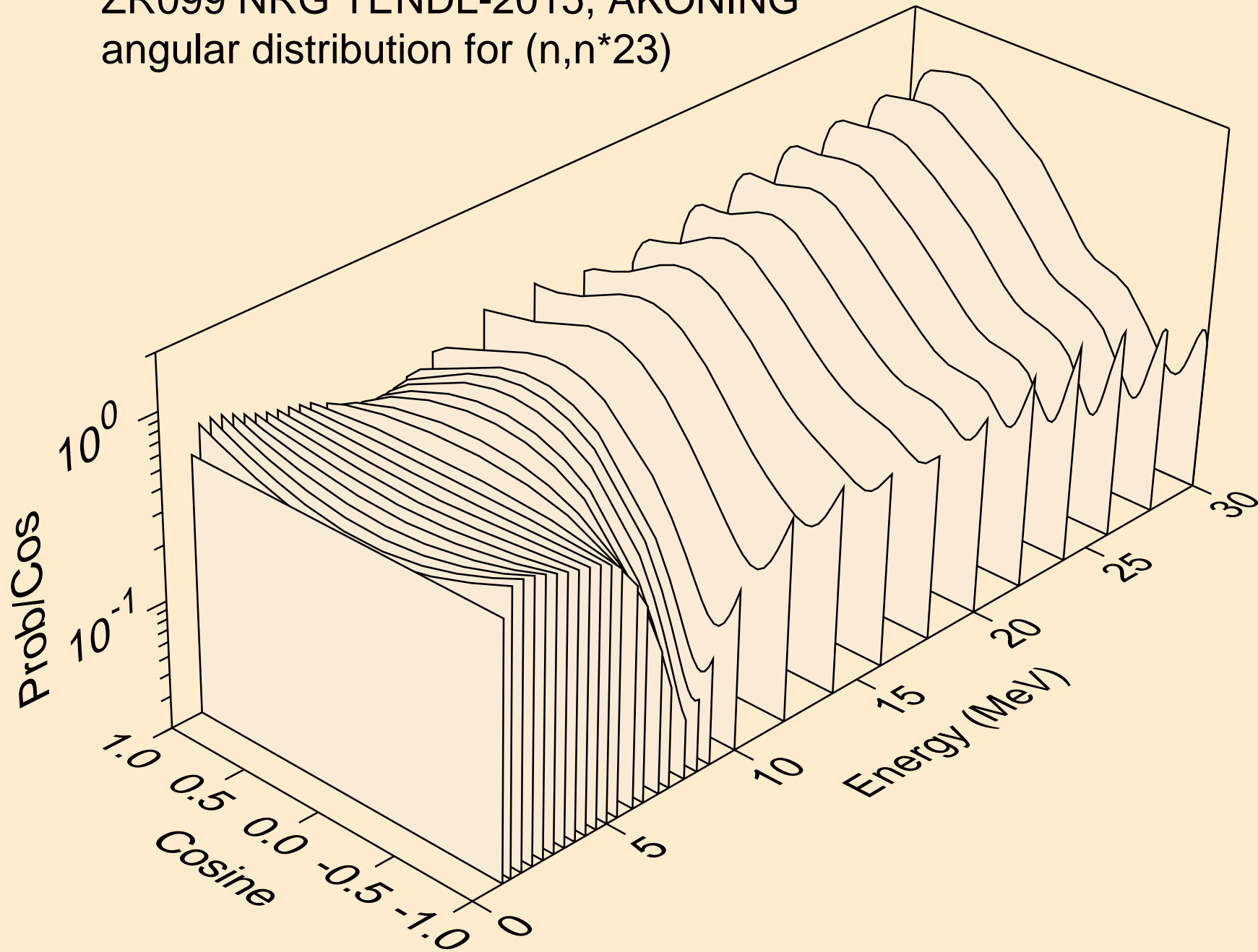
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



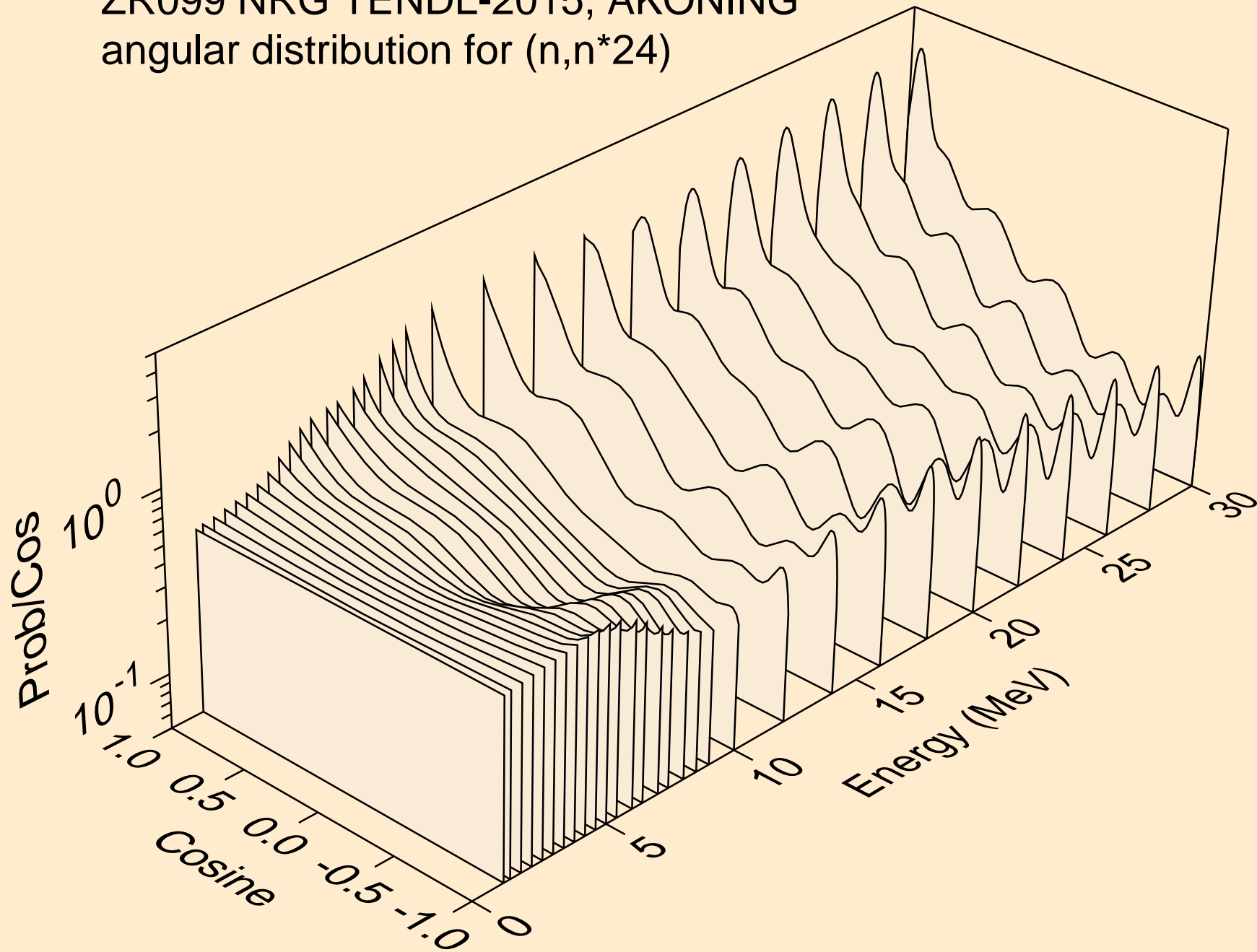
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



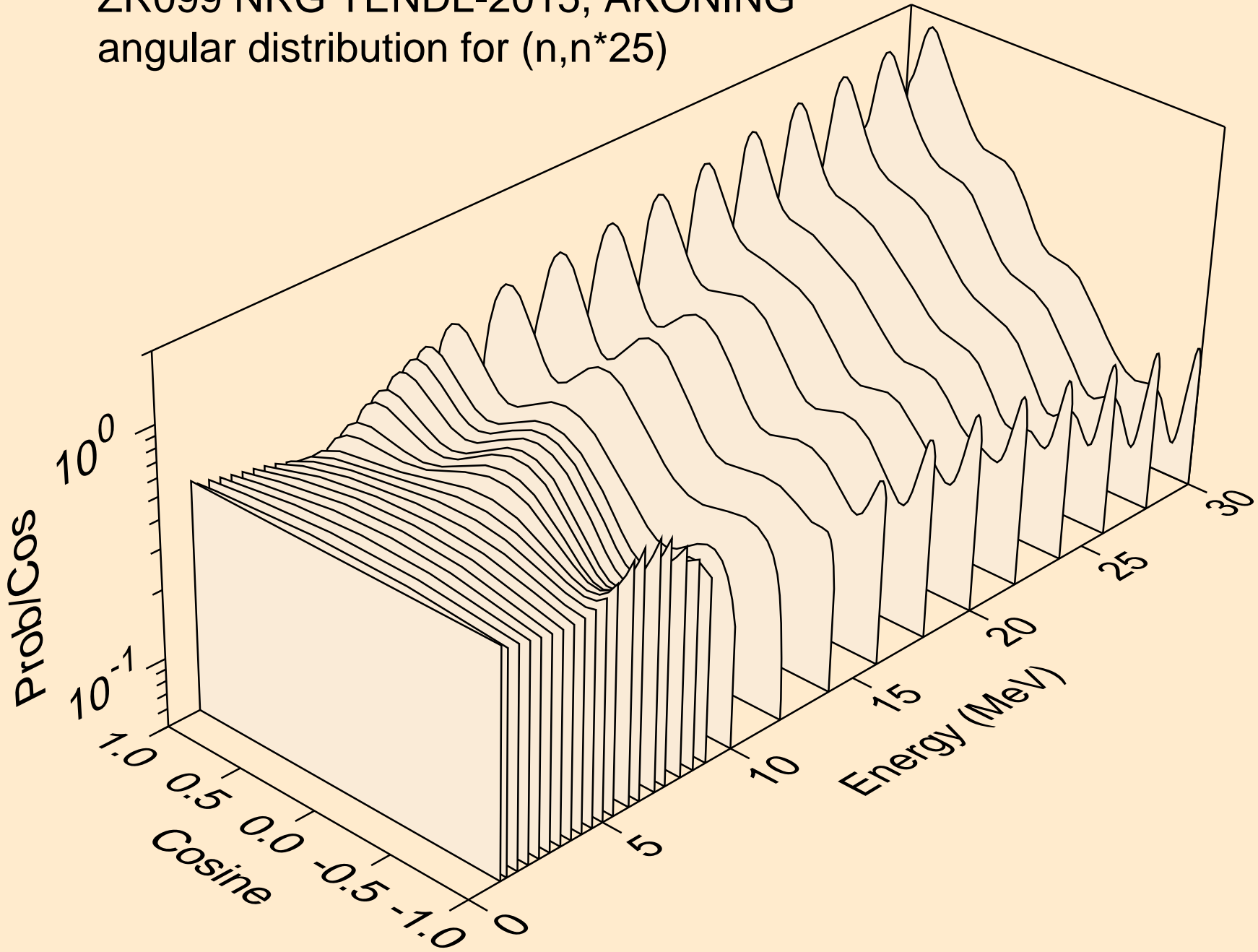
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

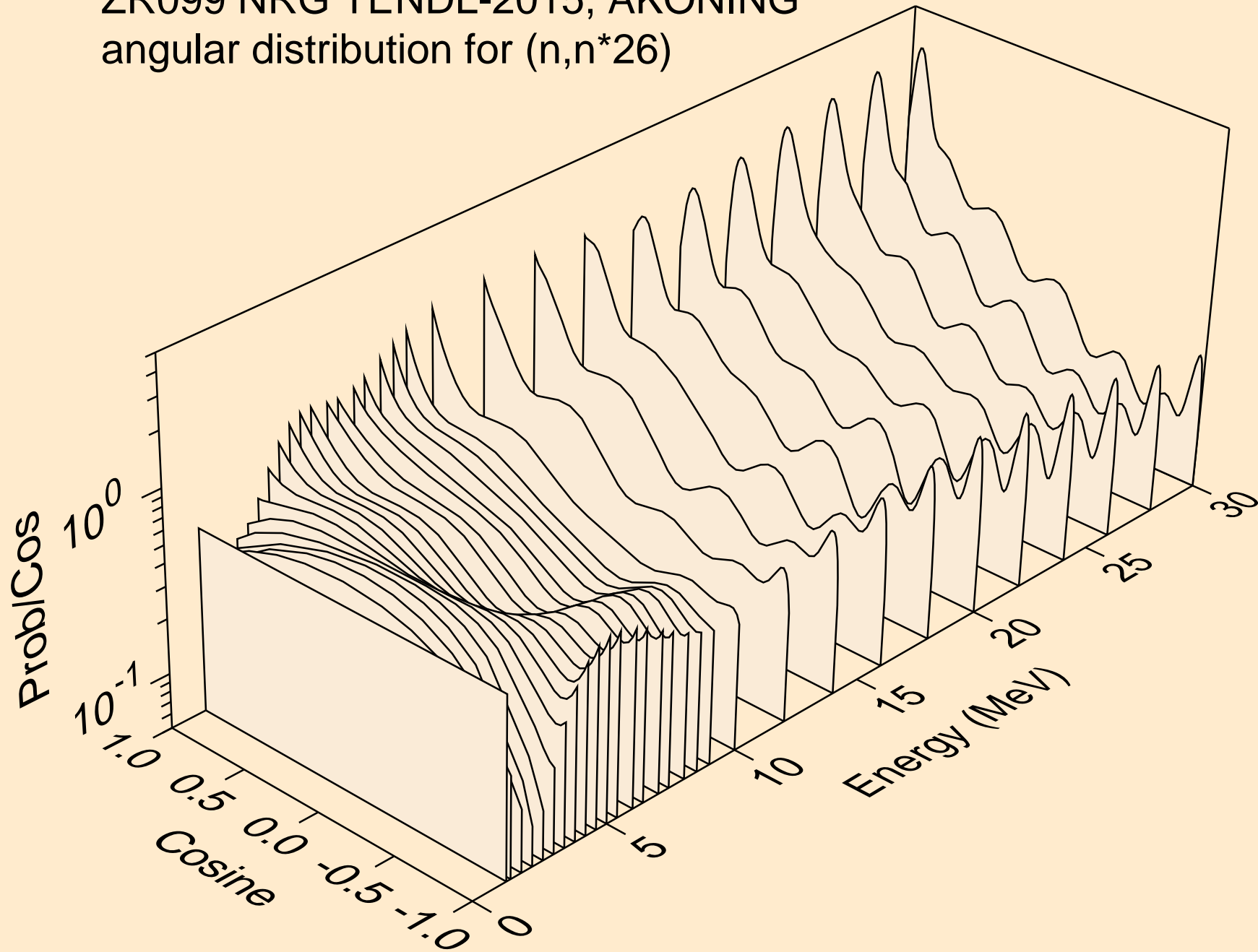


ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

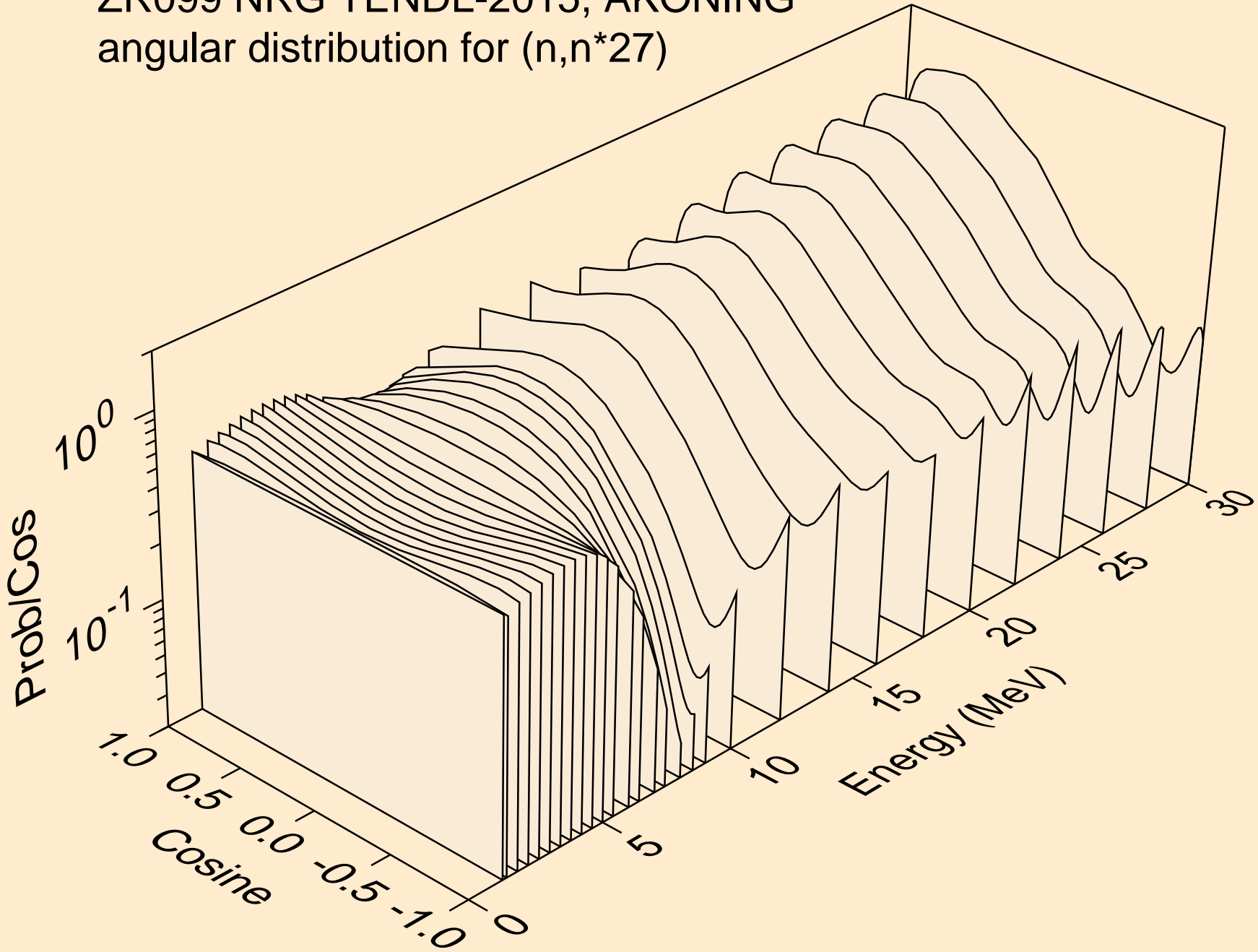




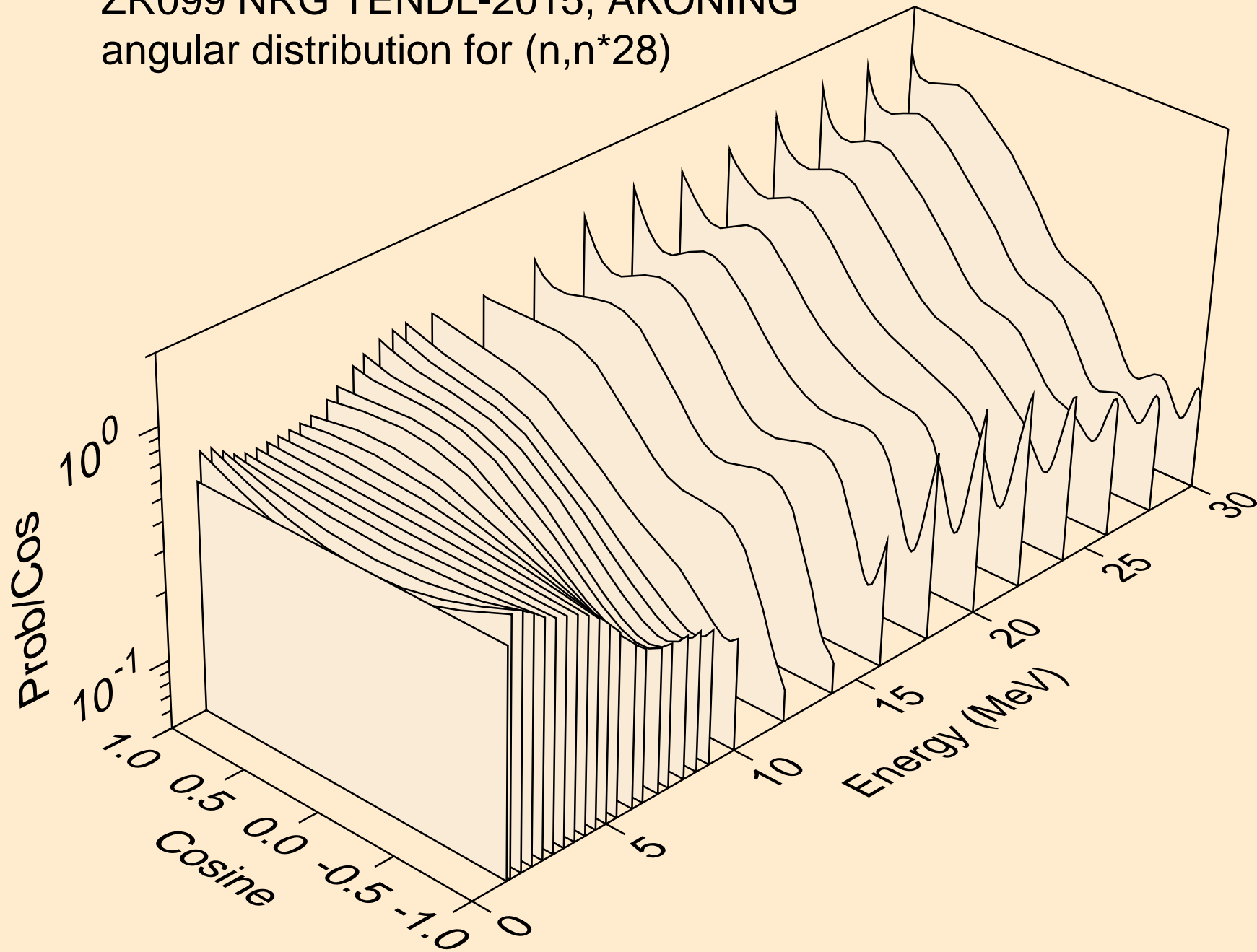
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



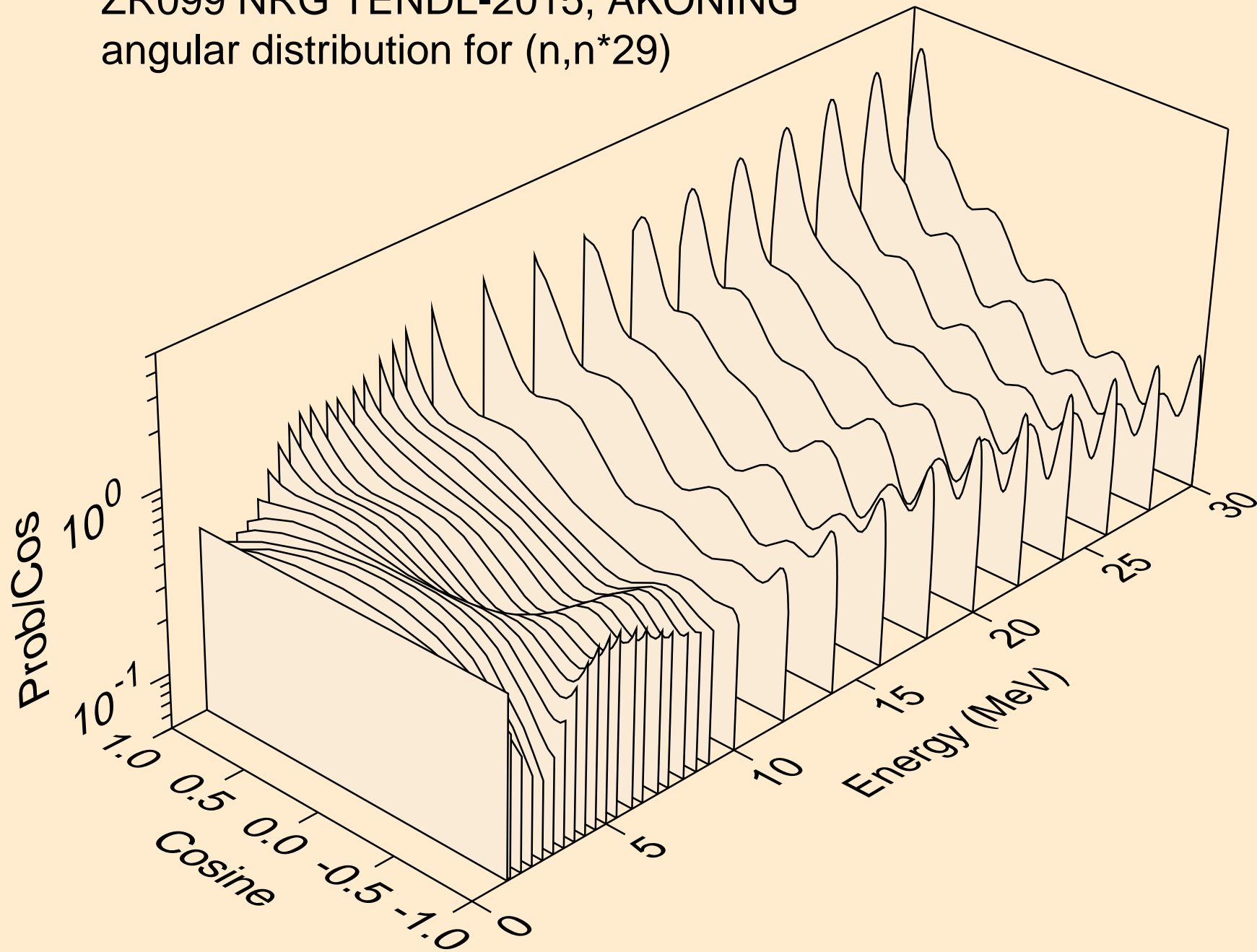
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angular distribution for (n,n\*27)



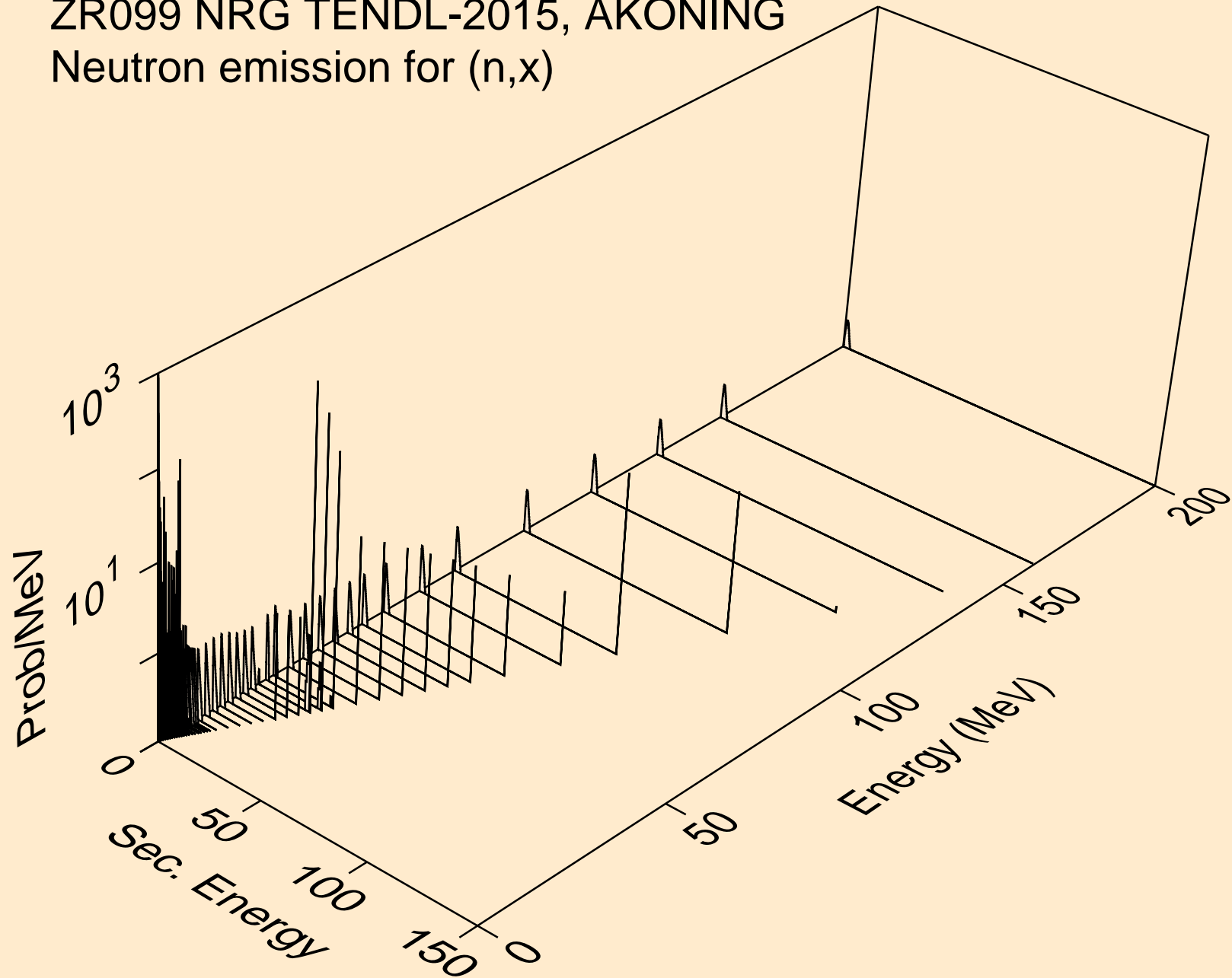
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



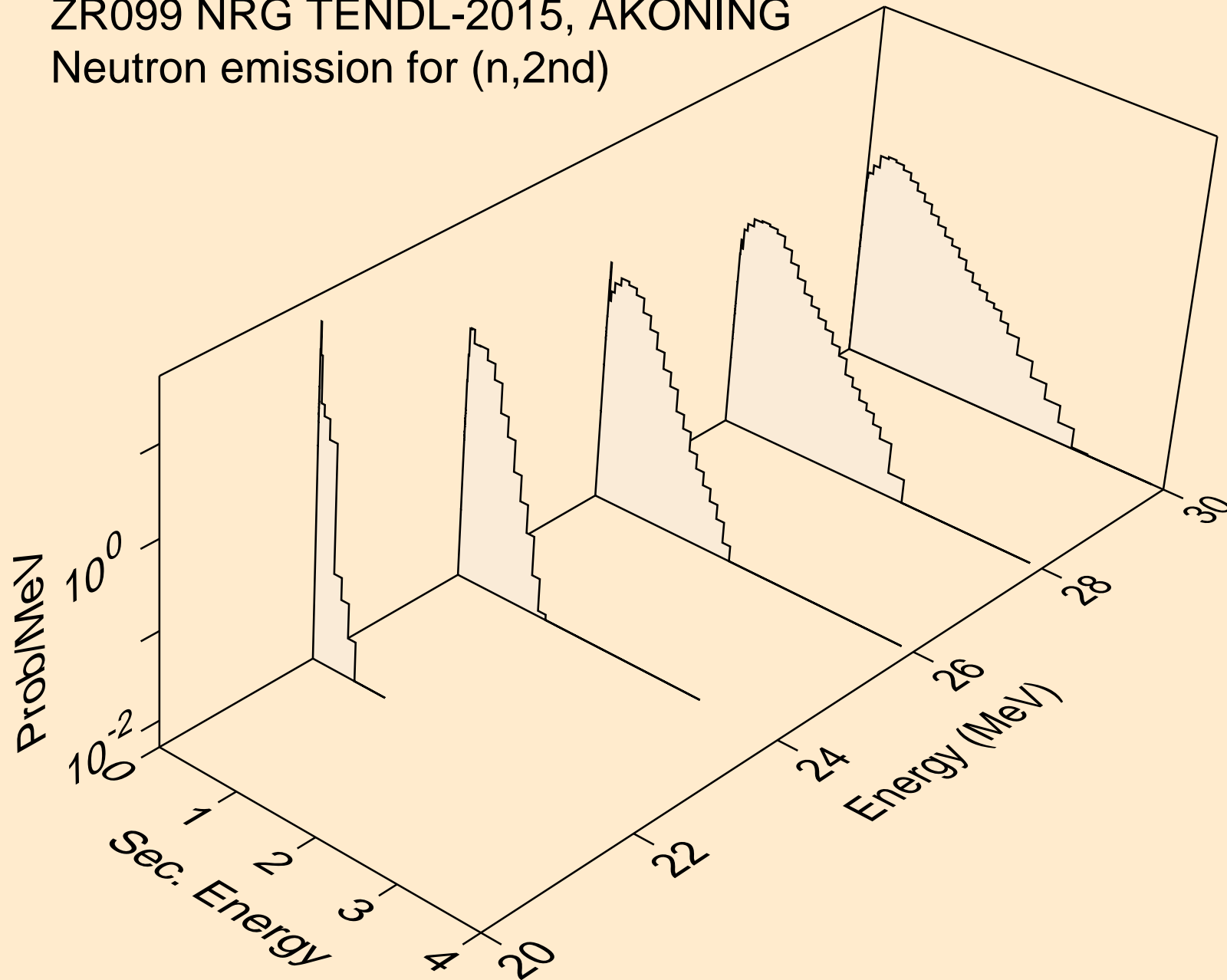
ZR099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



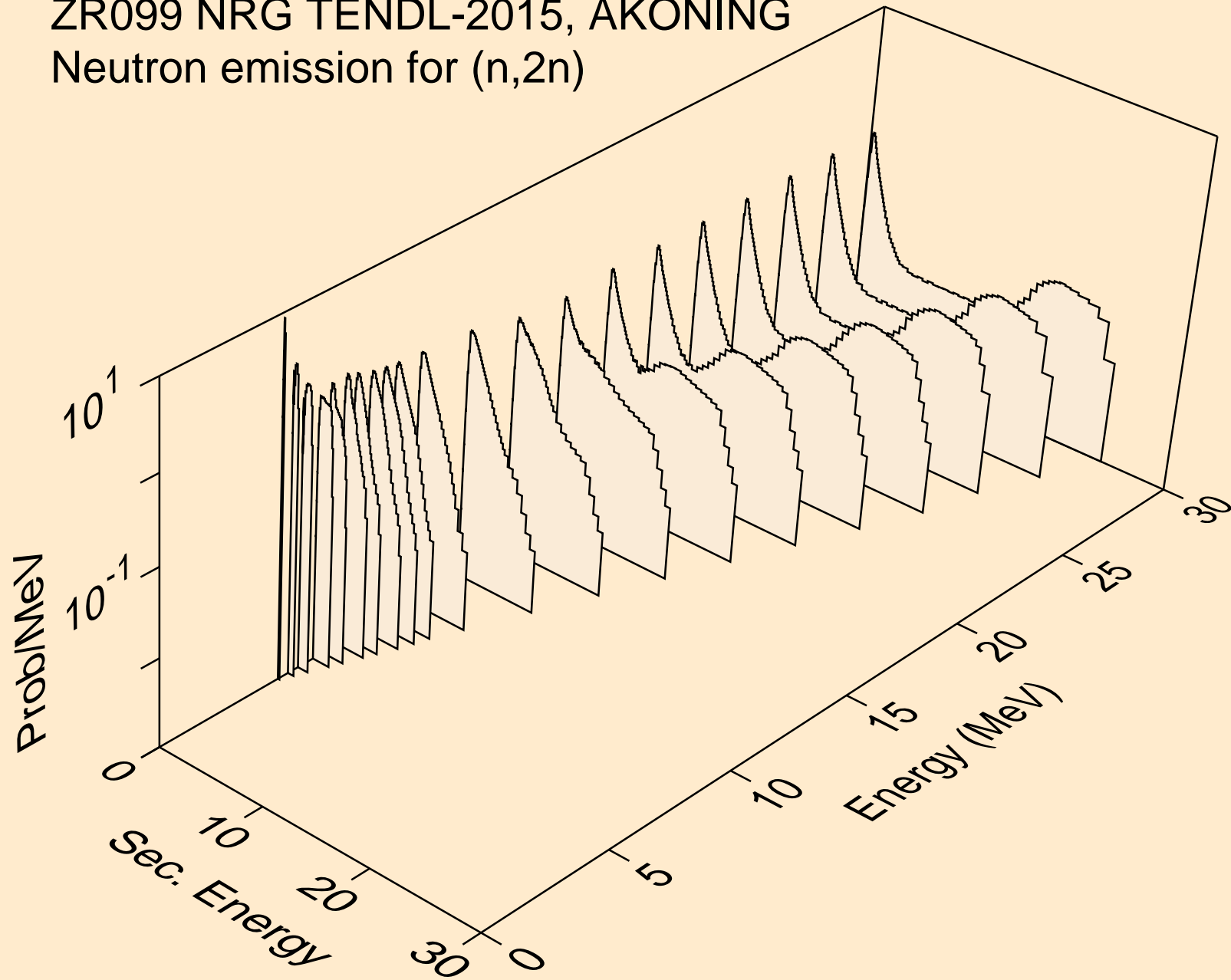
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



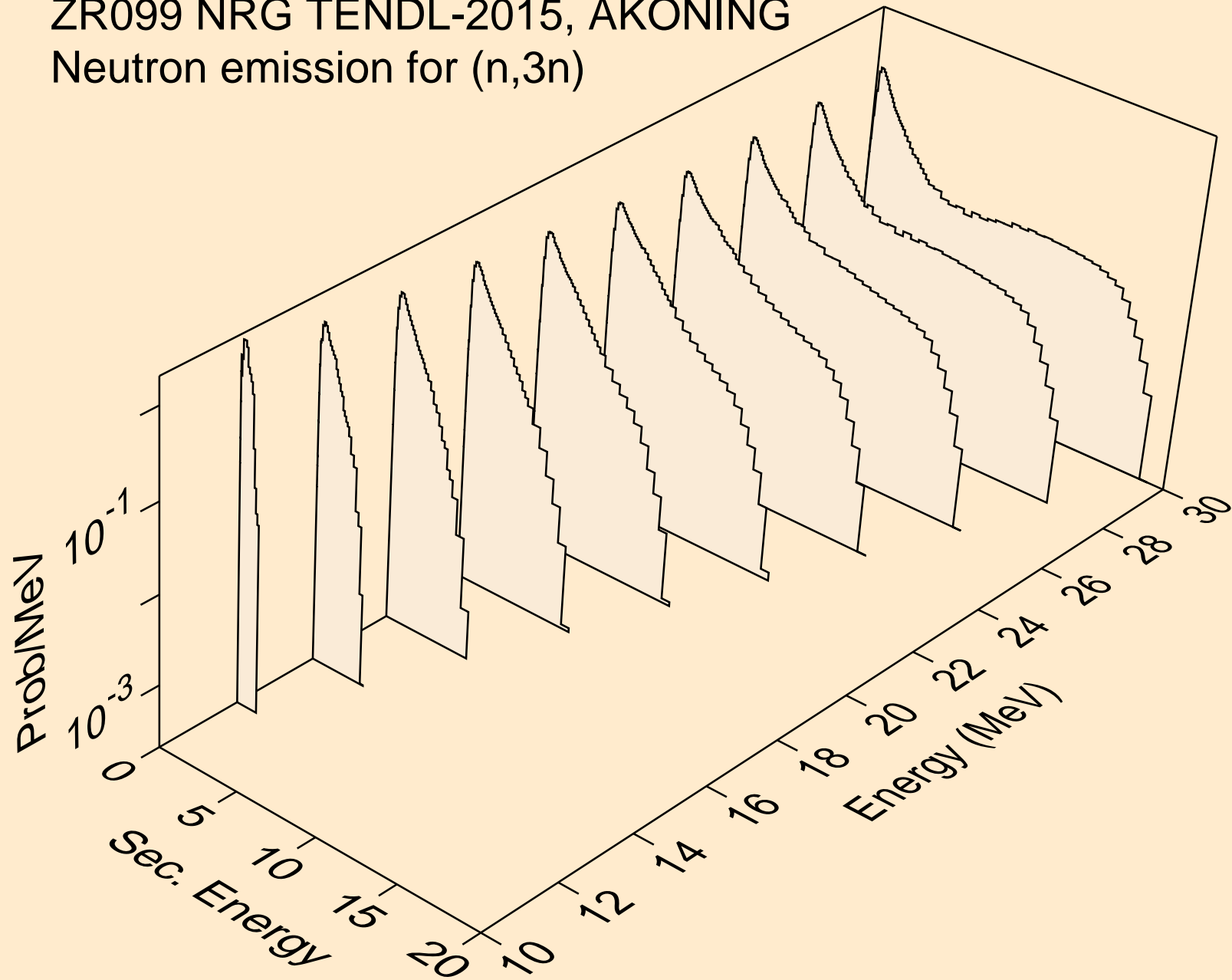
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

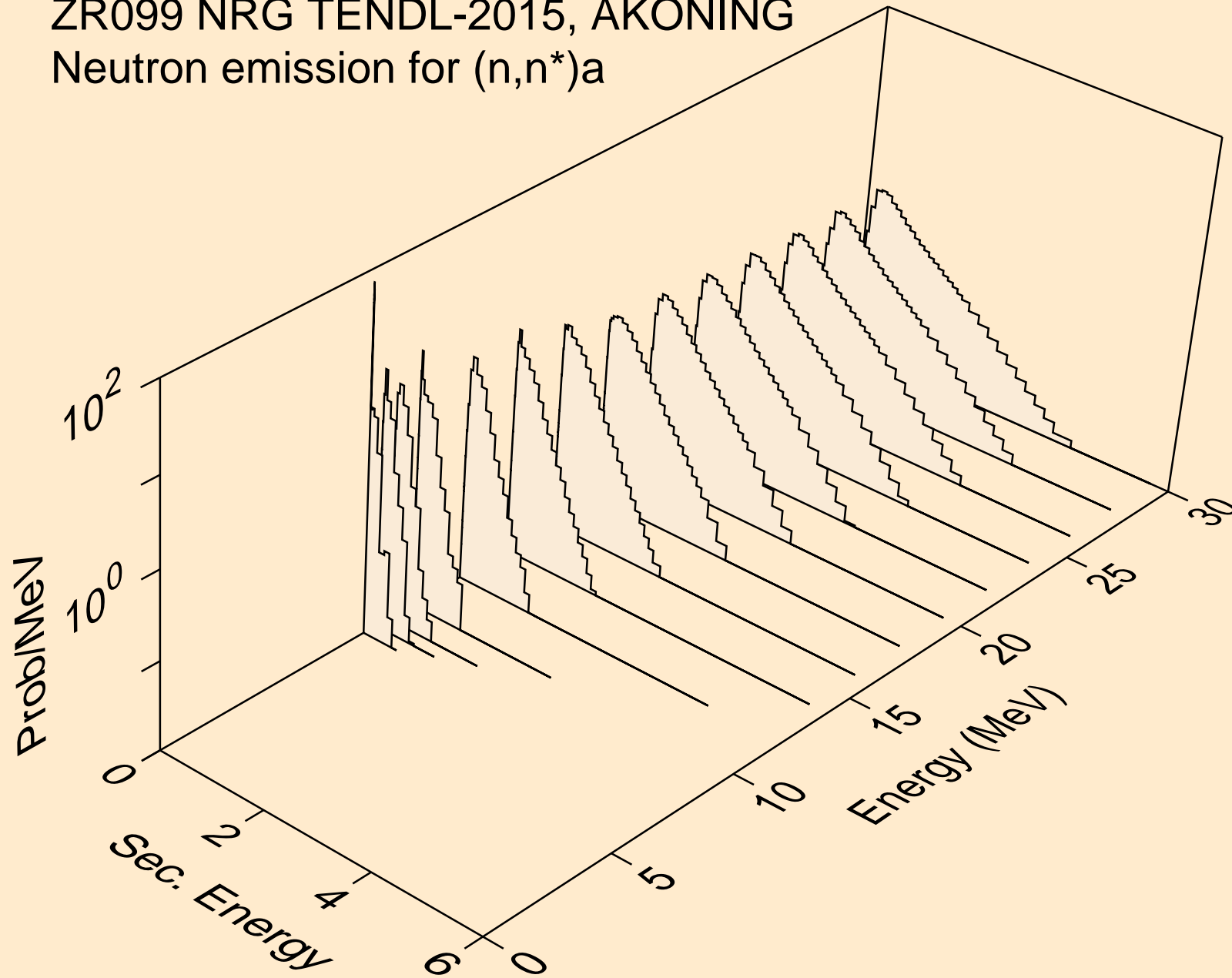


ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

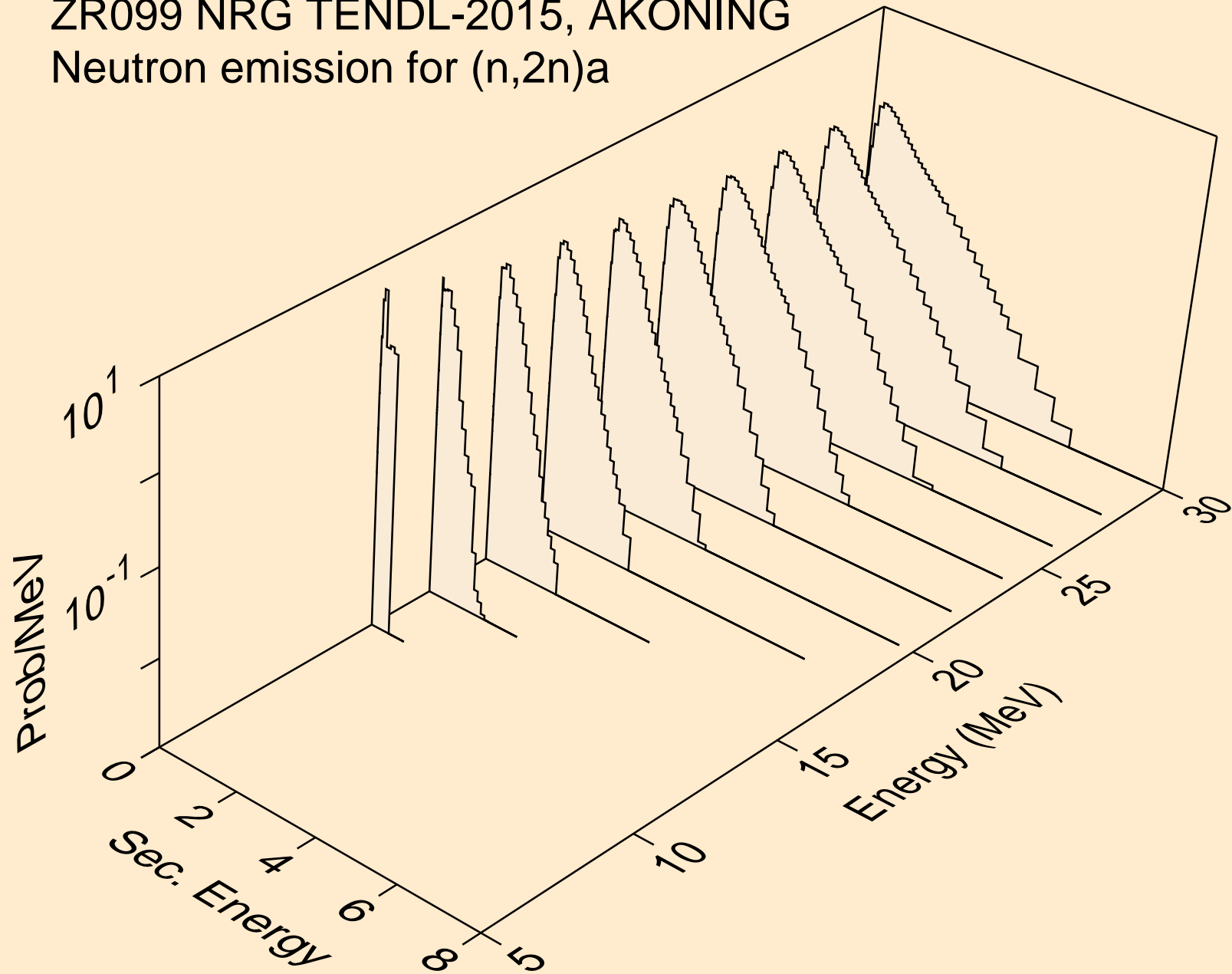




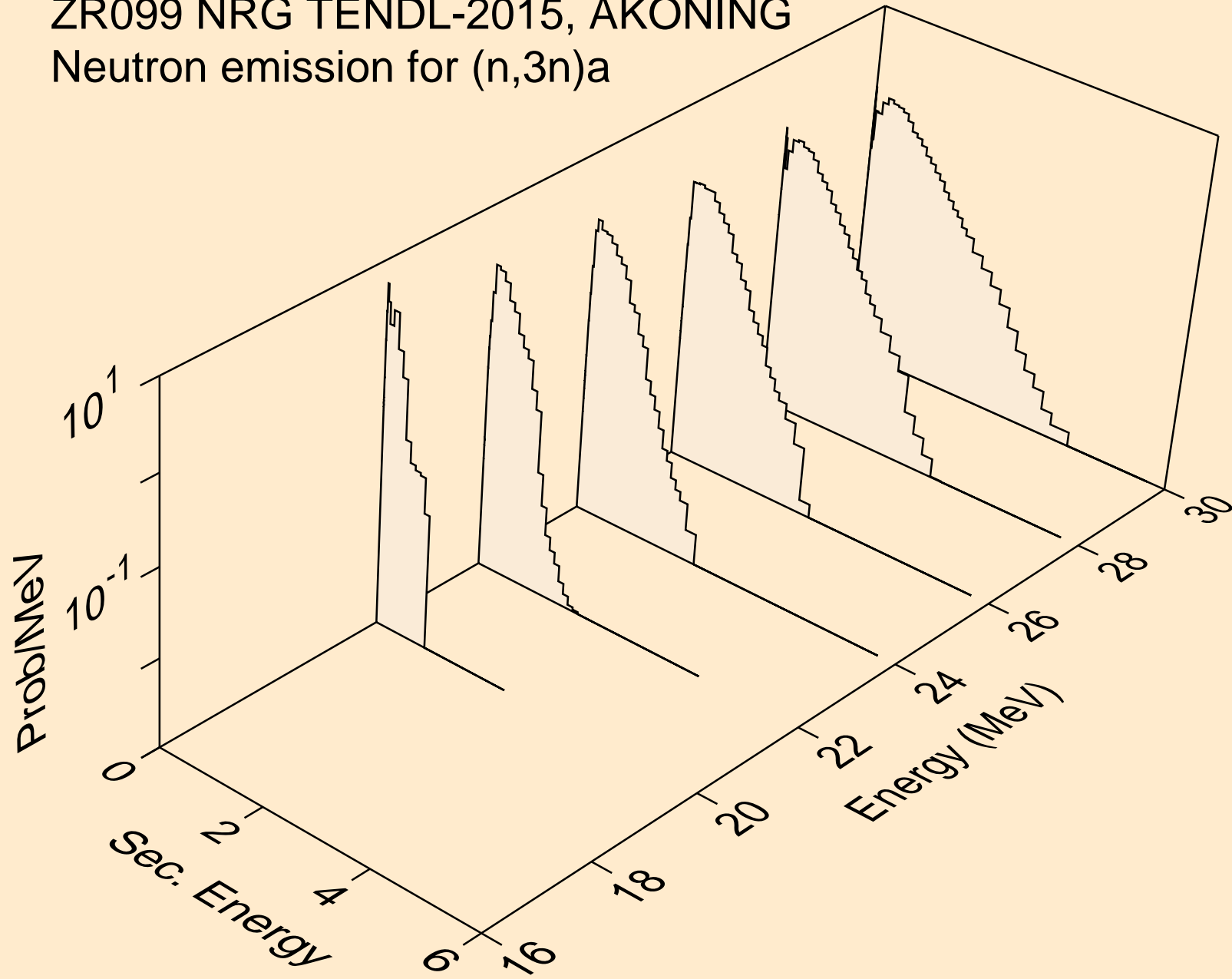
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



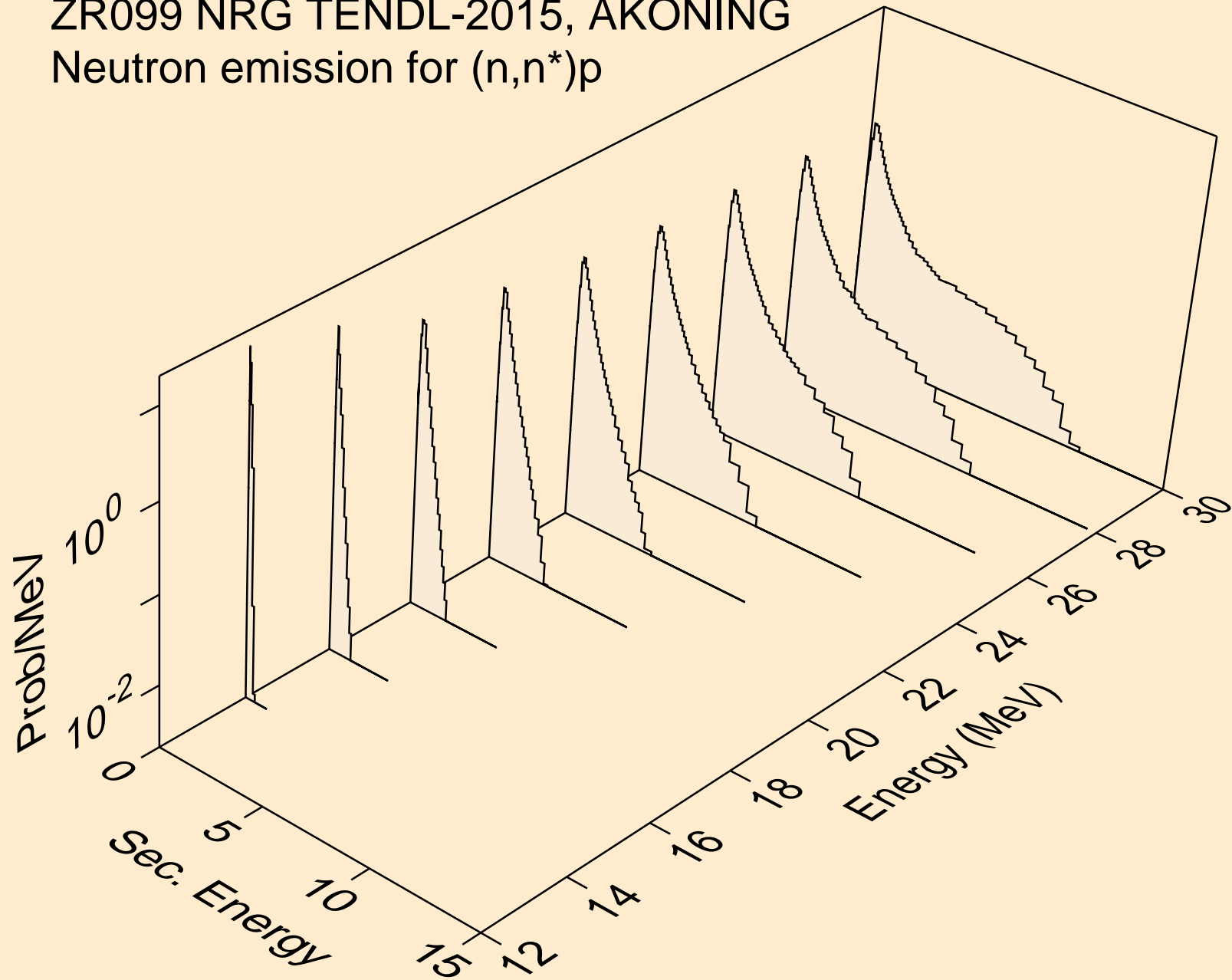
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



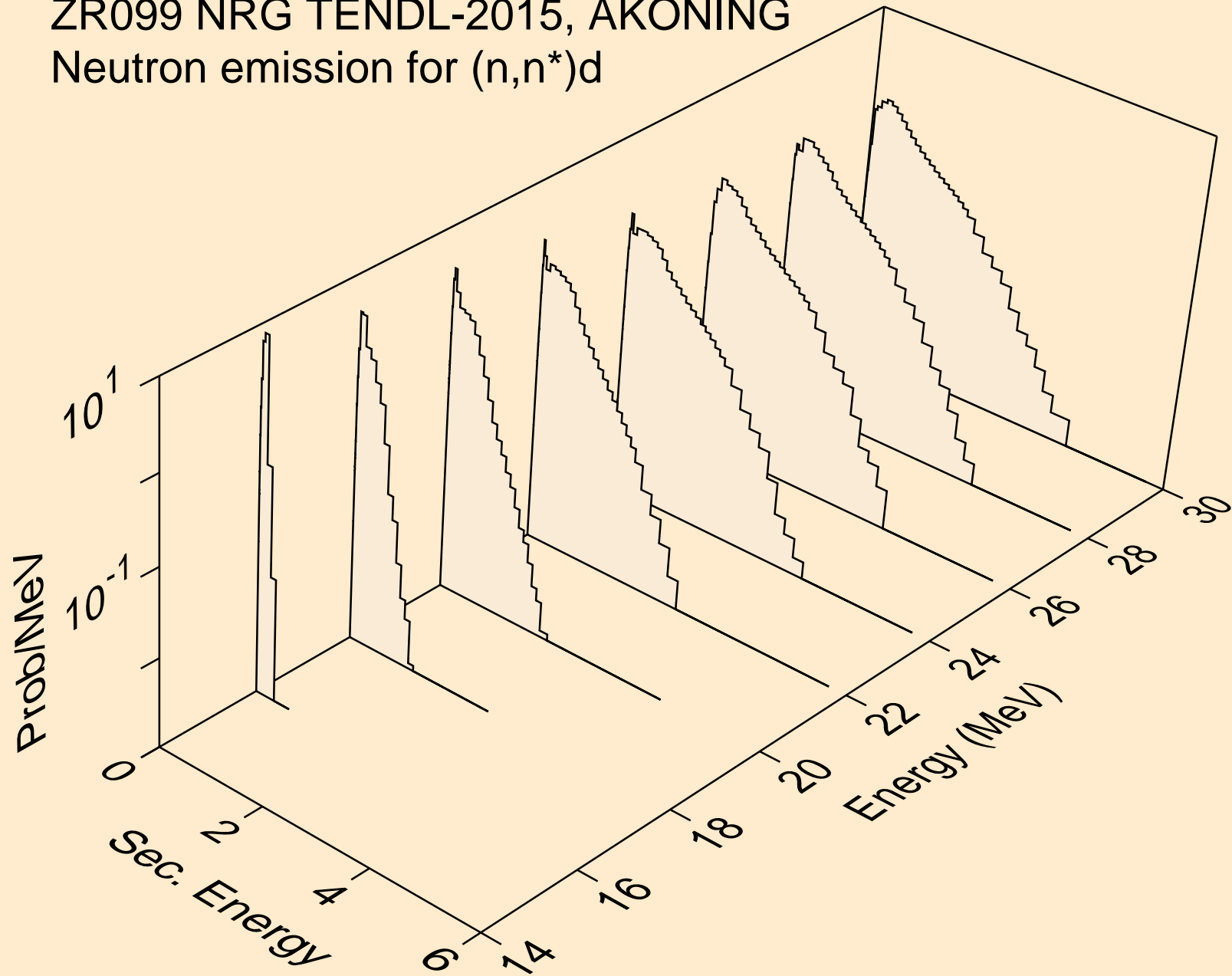
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



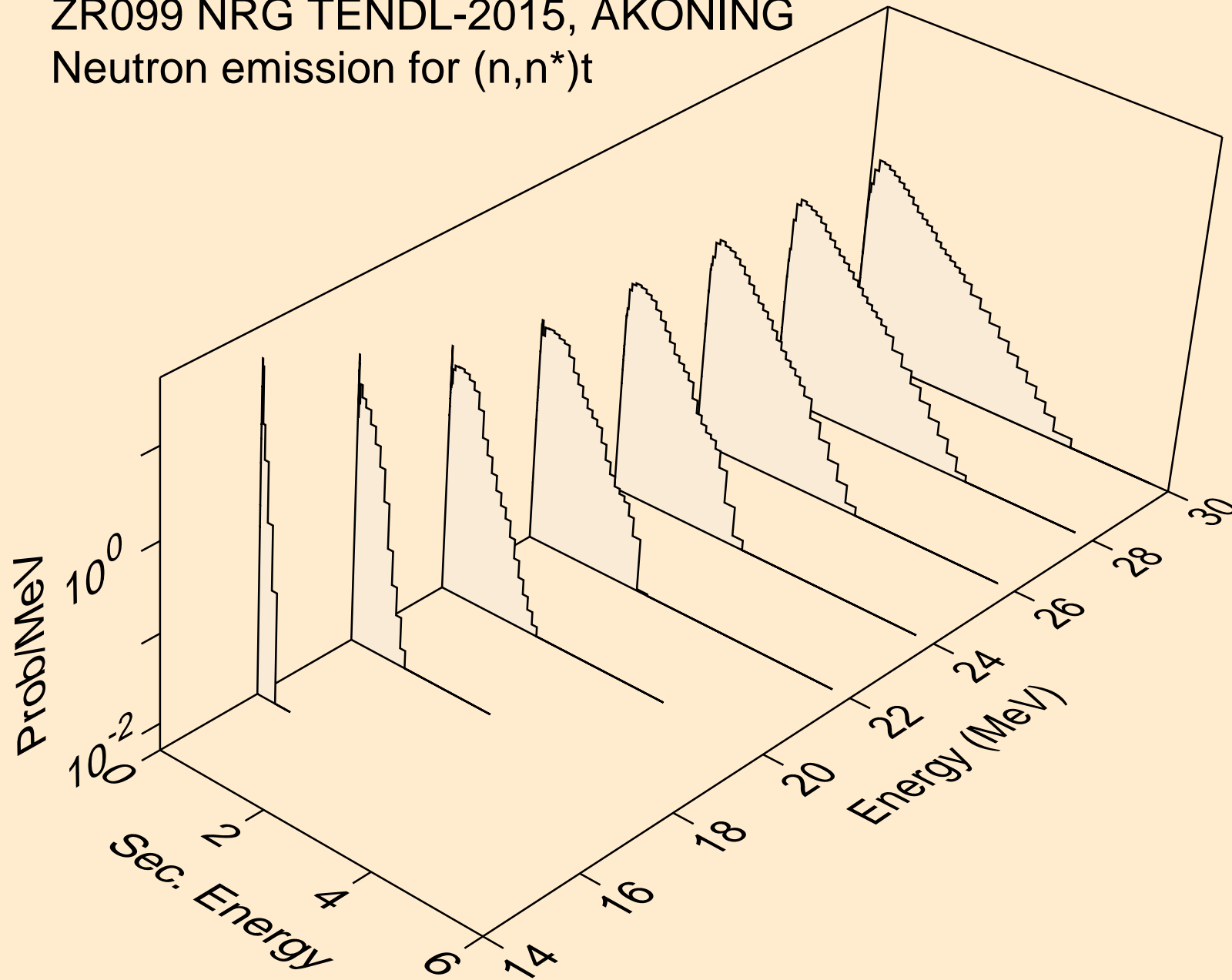
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



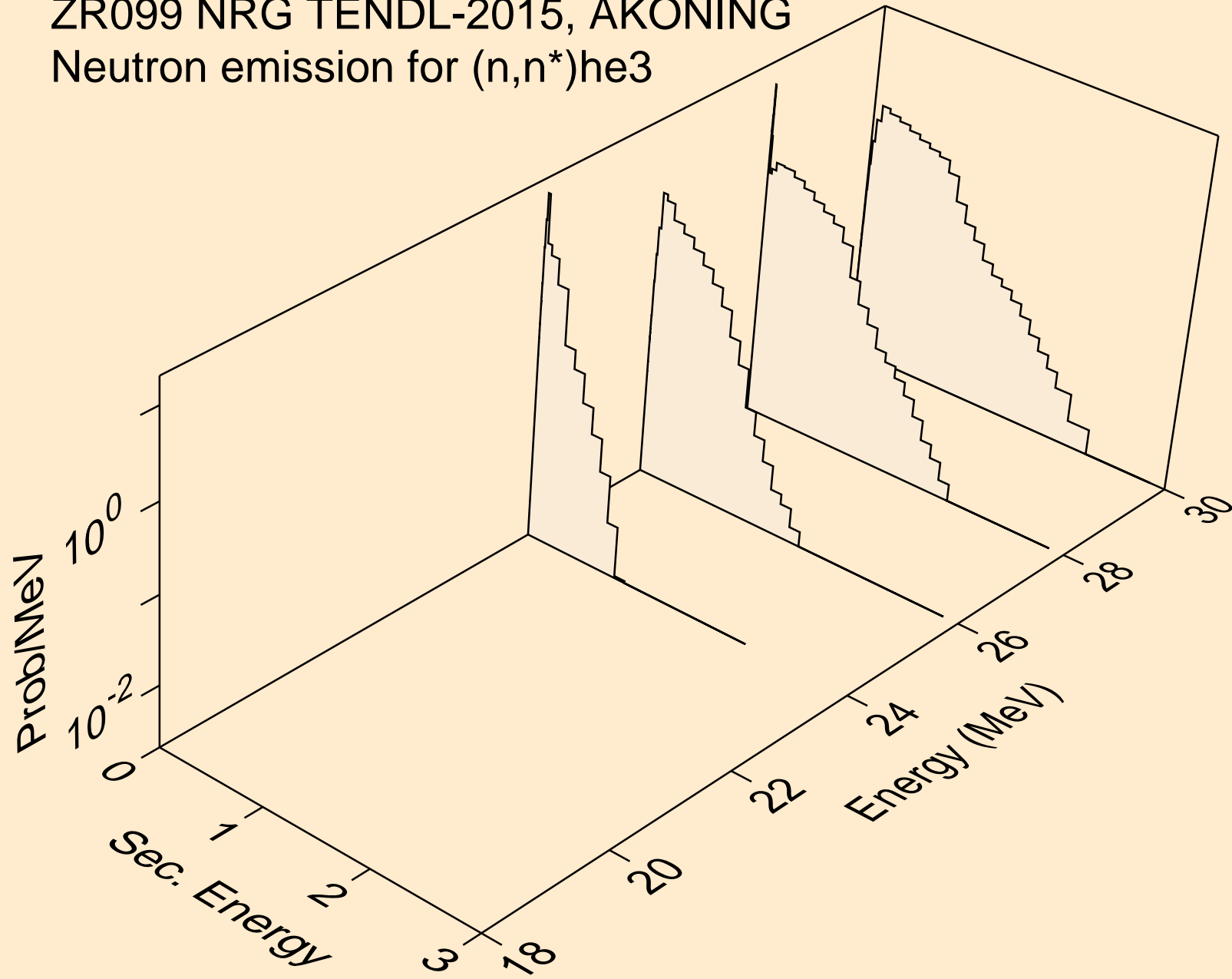
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



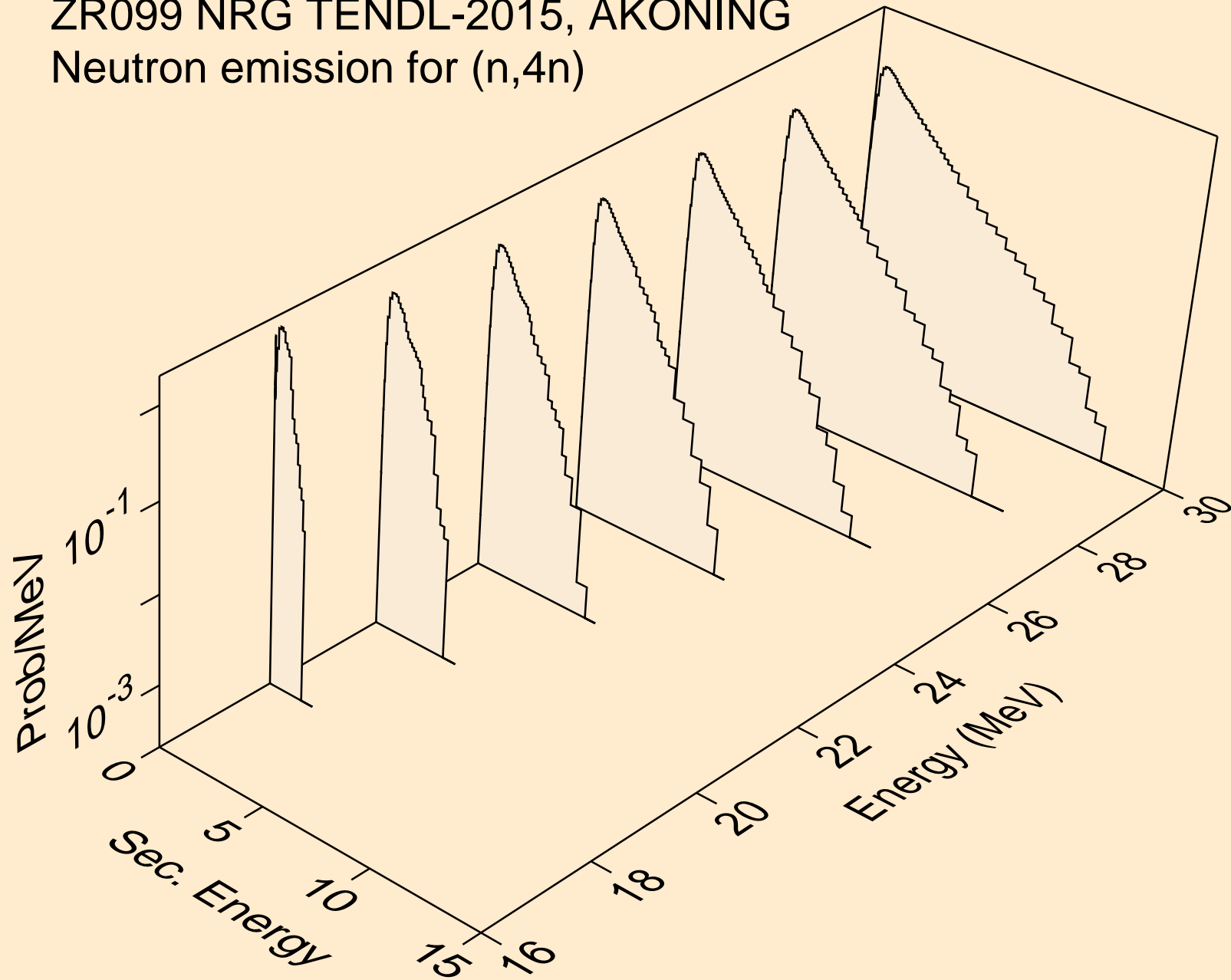
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

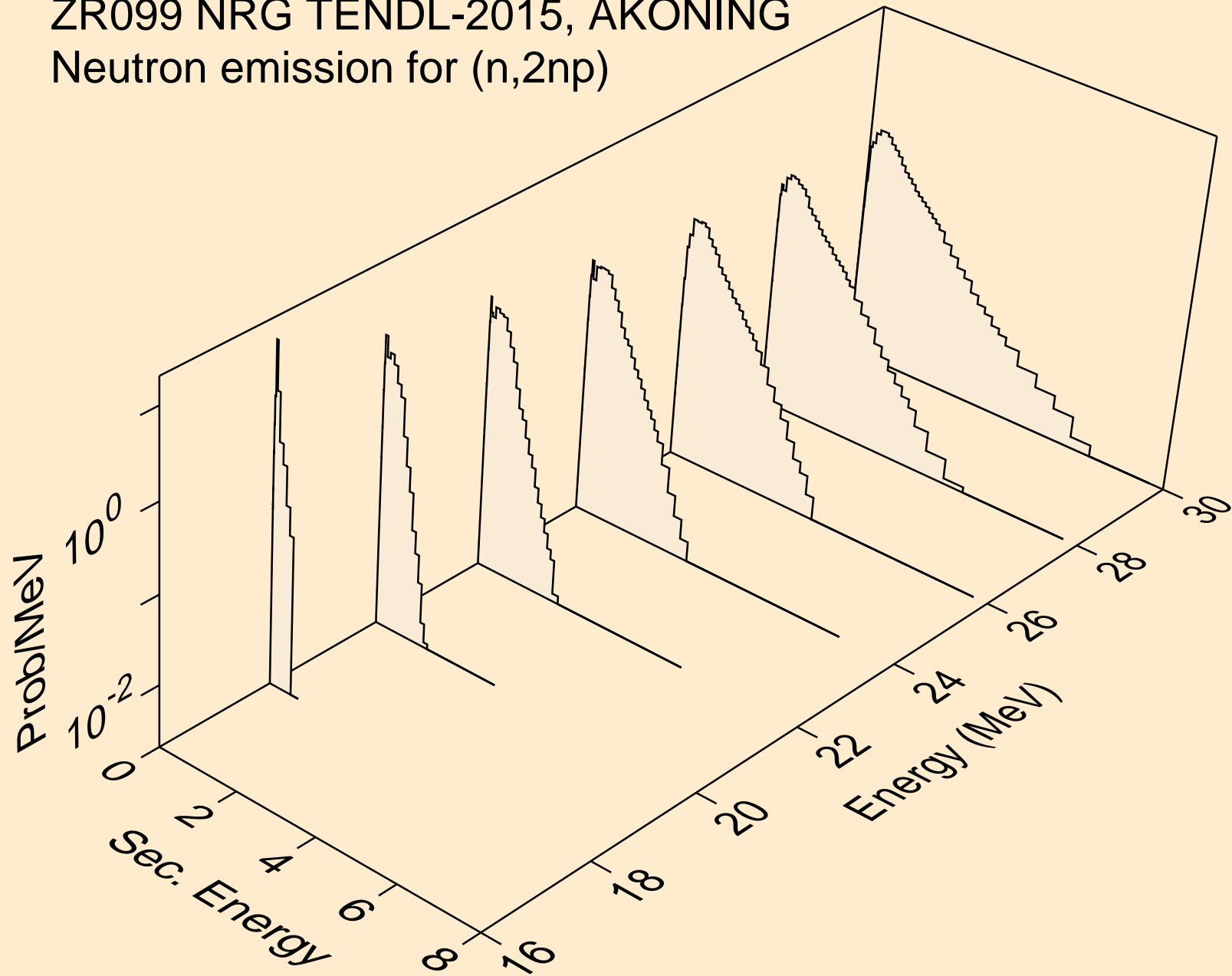


ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

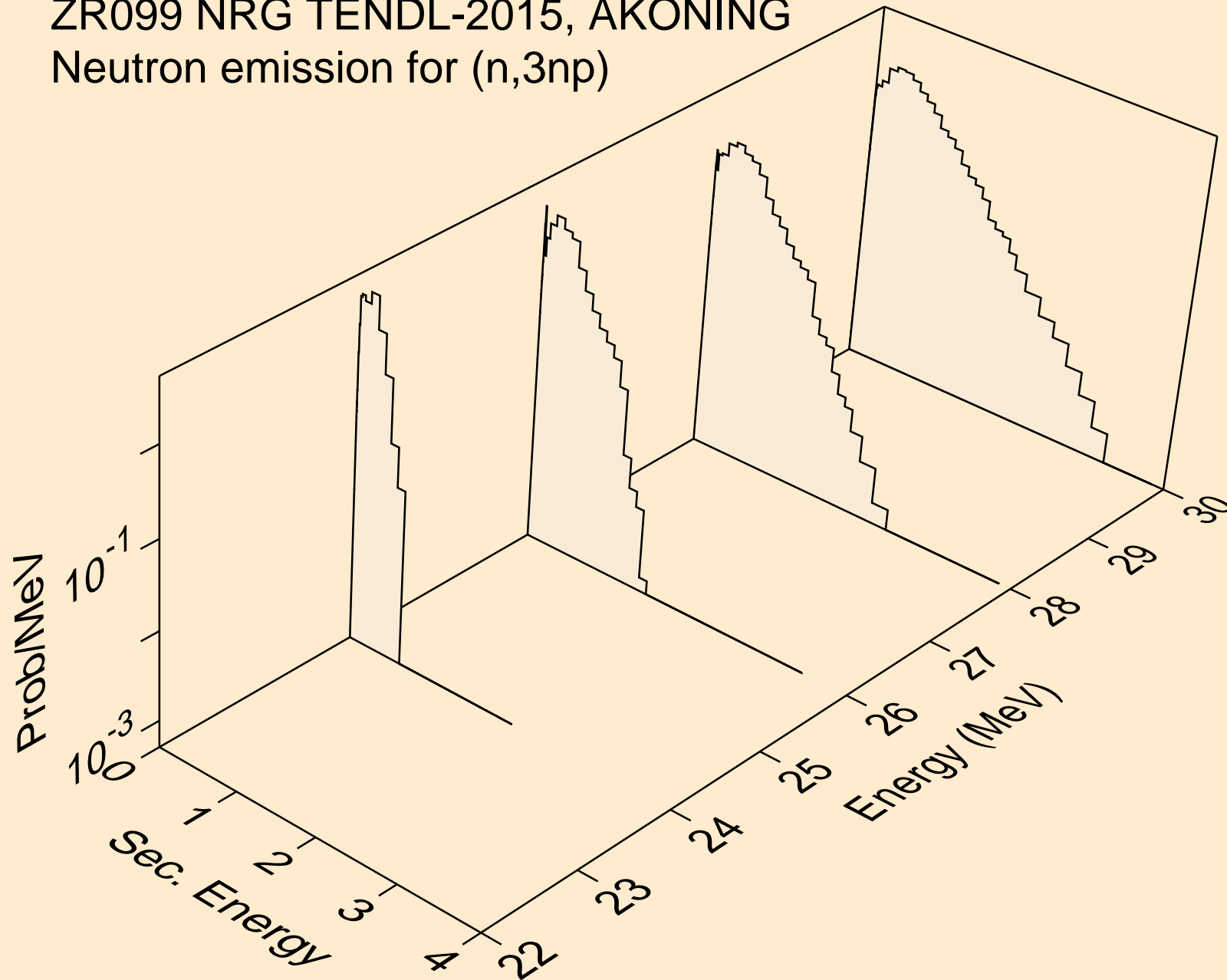




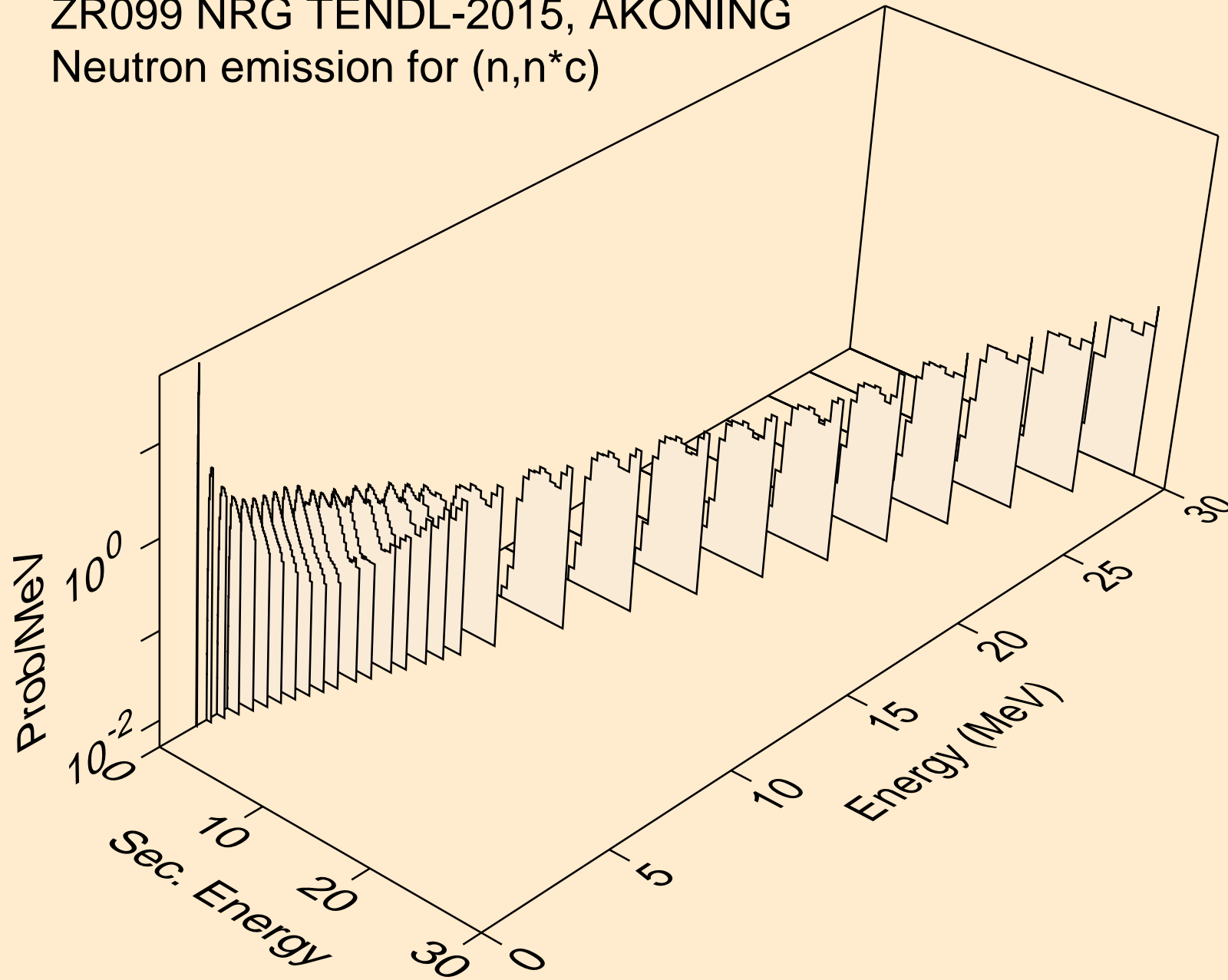
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



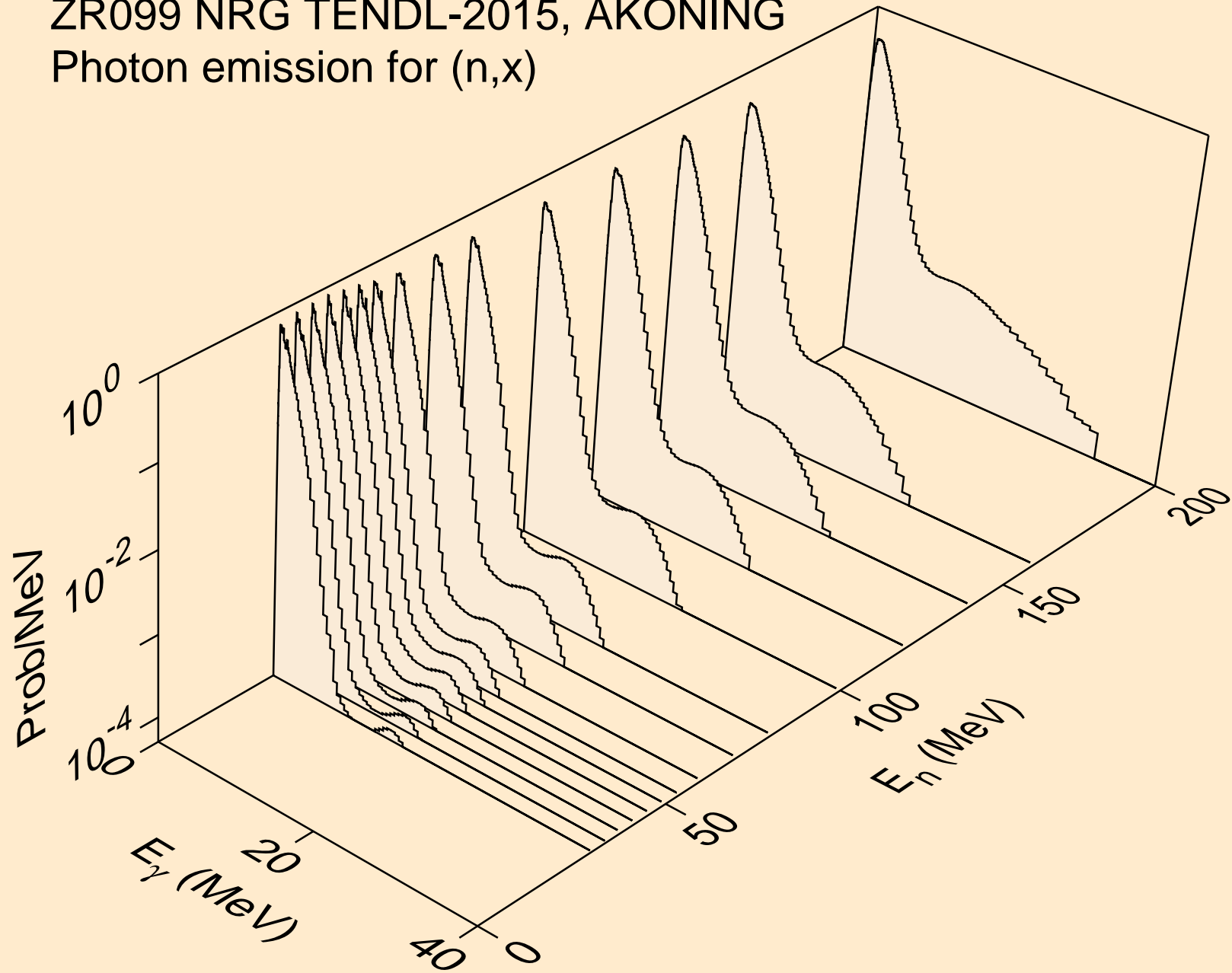
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



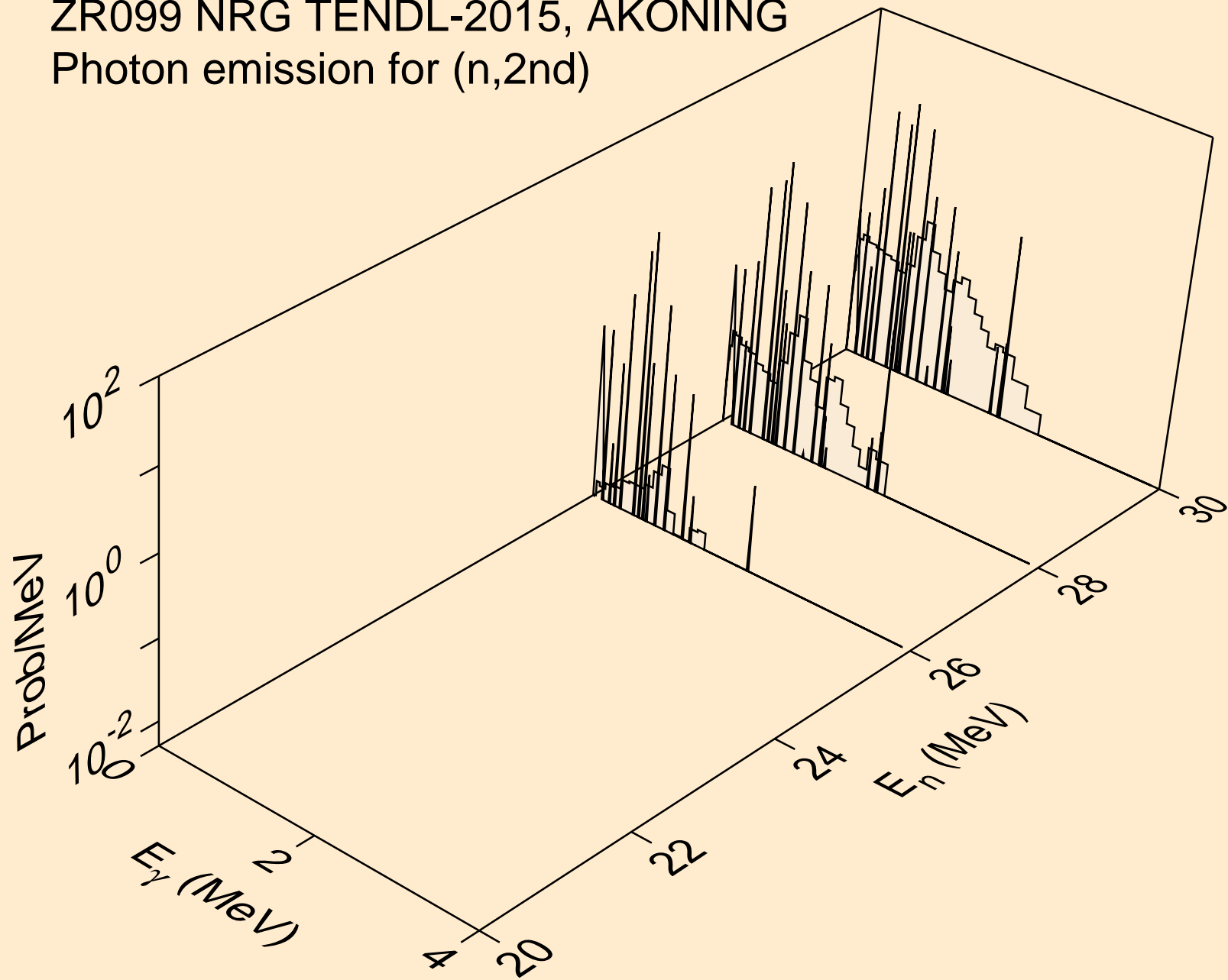
ZR099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



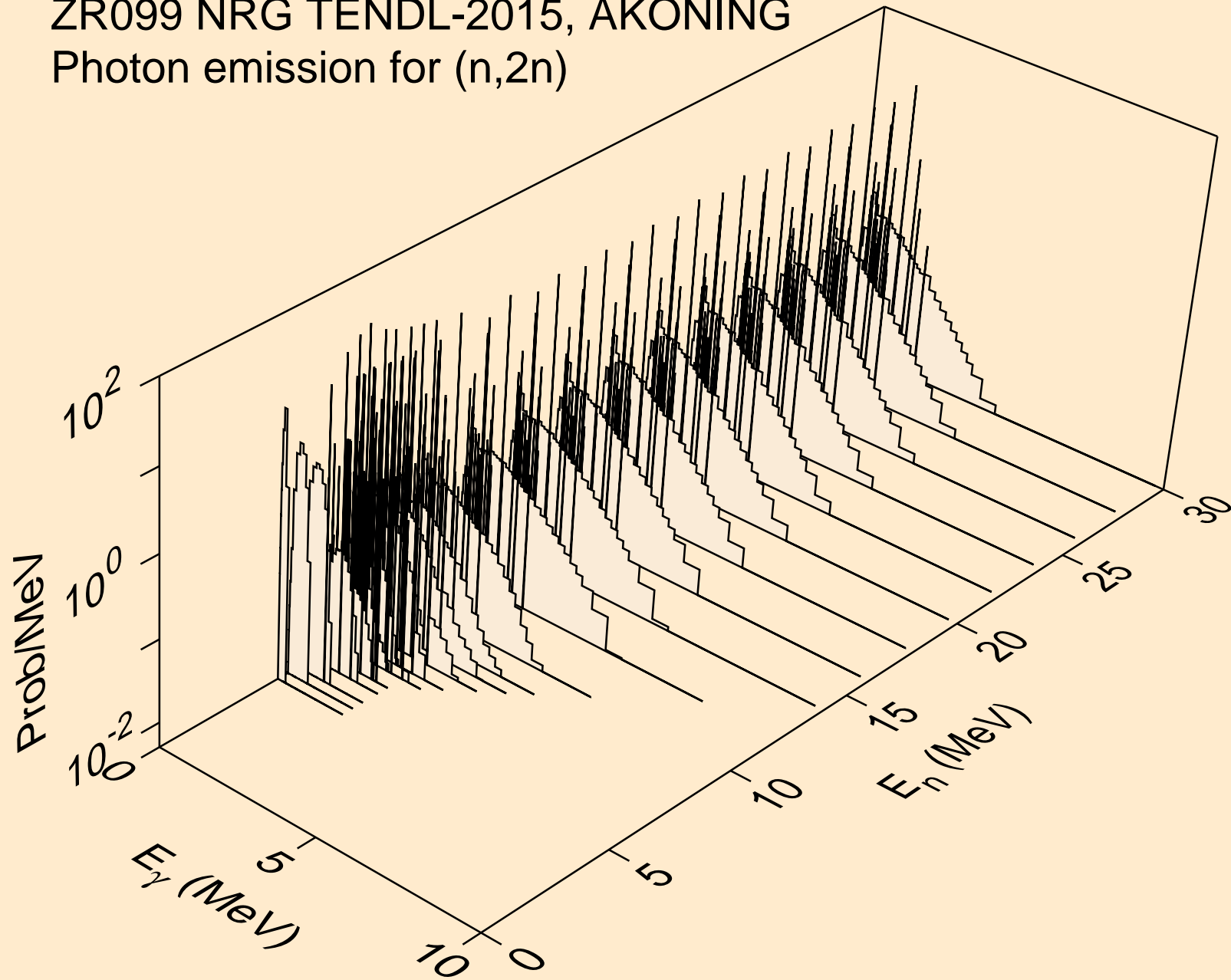
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



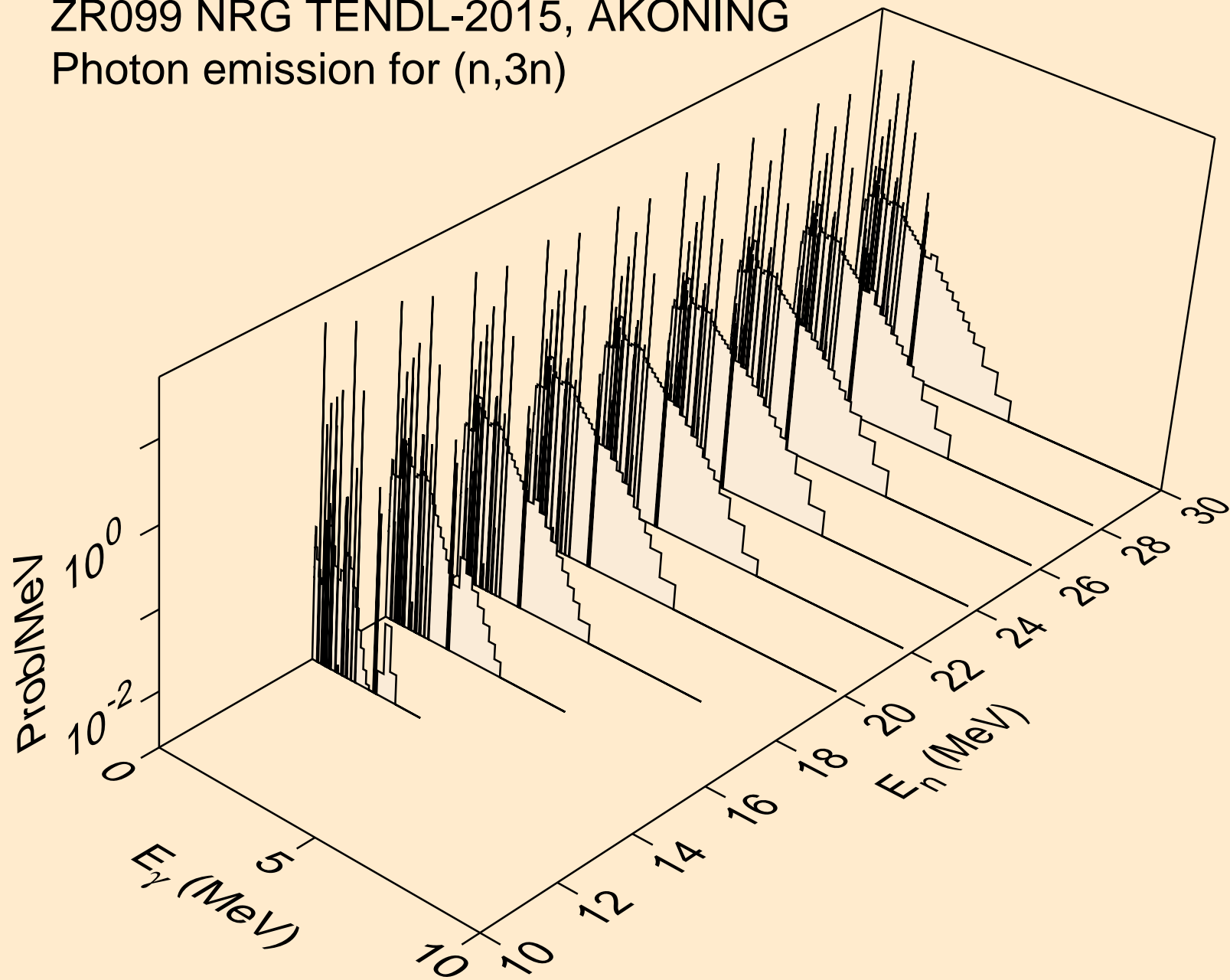
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



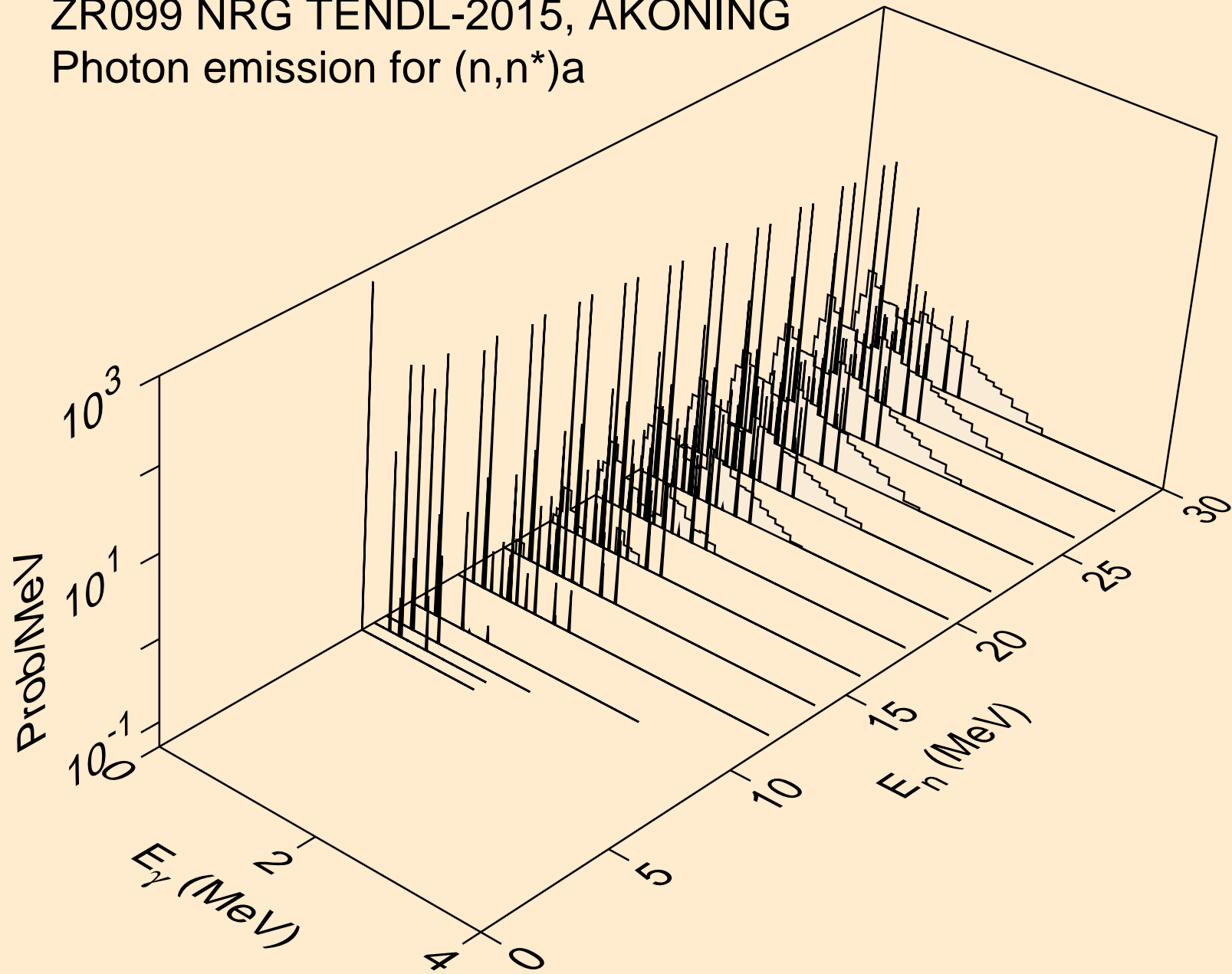
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

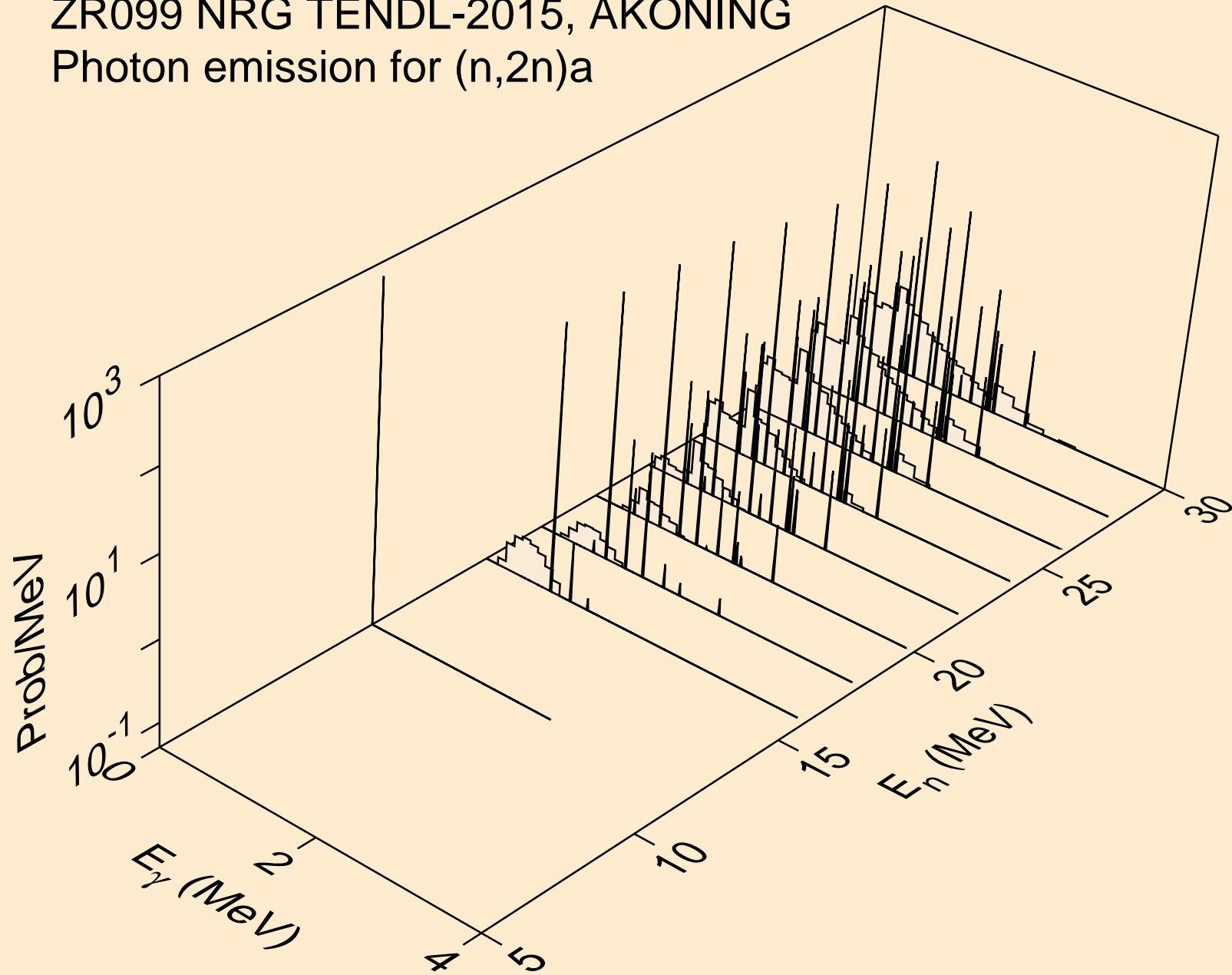


ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

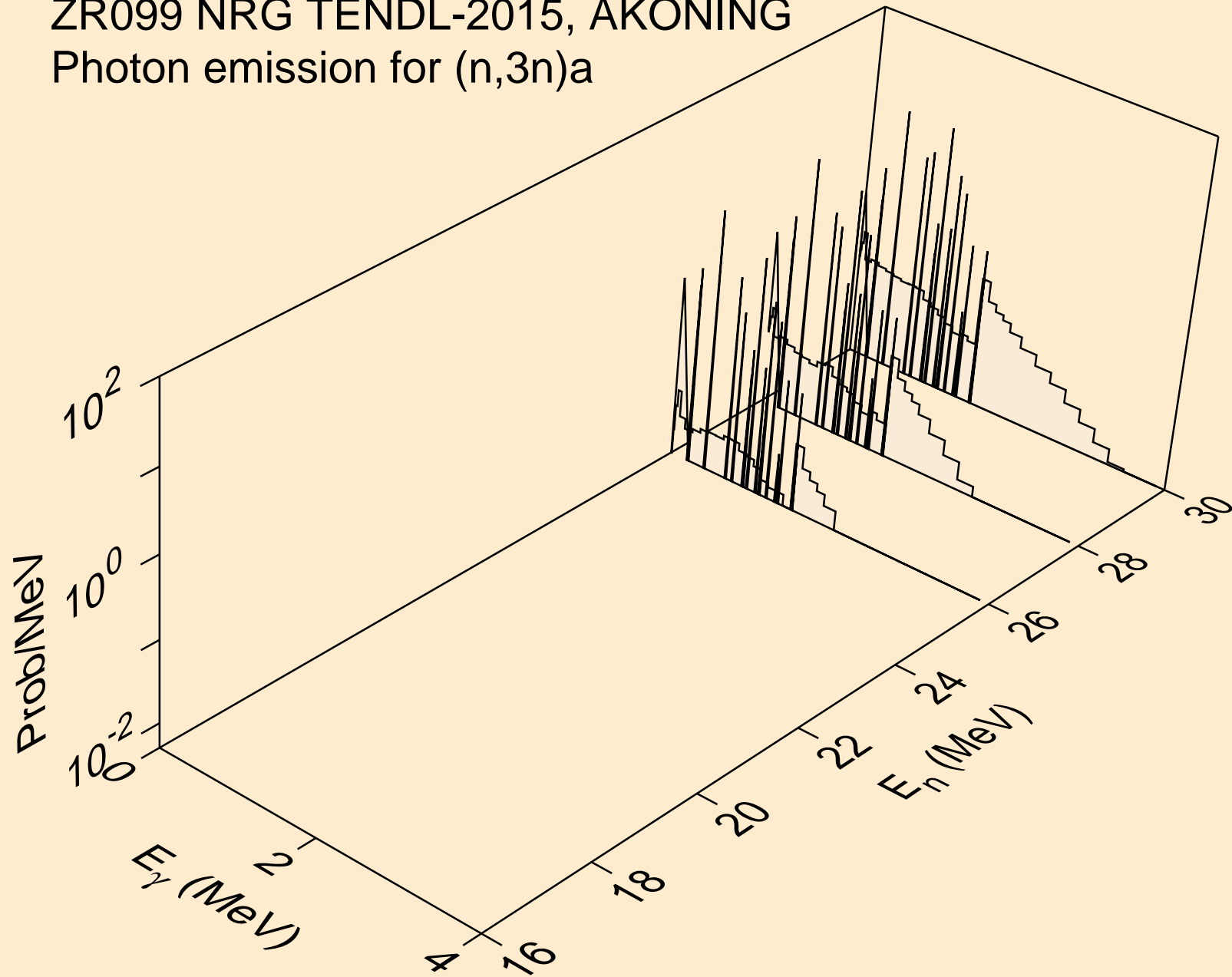




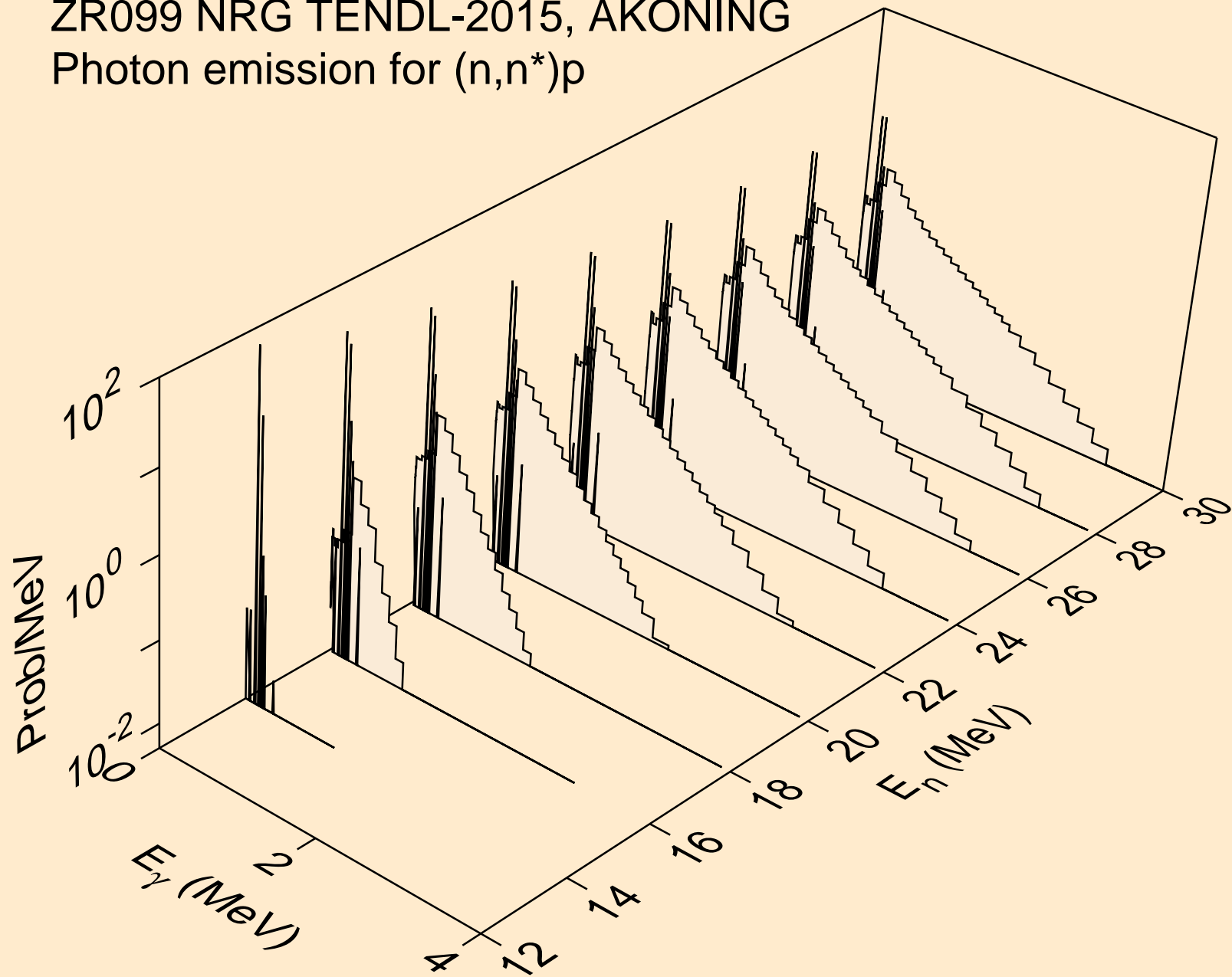
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



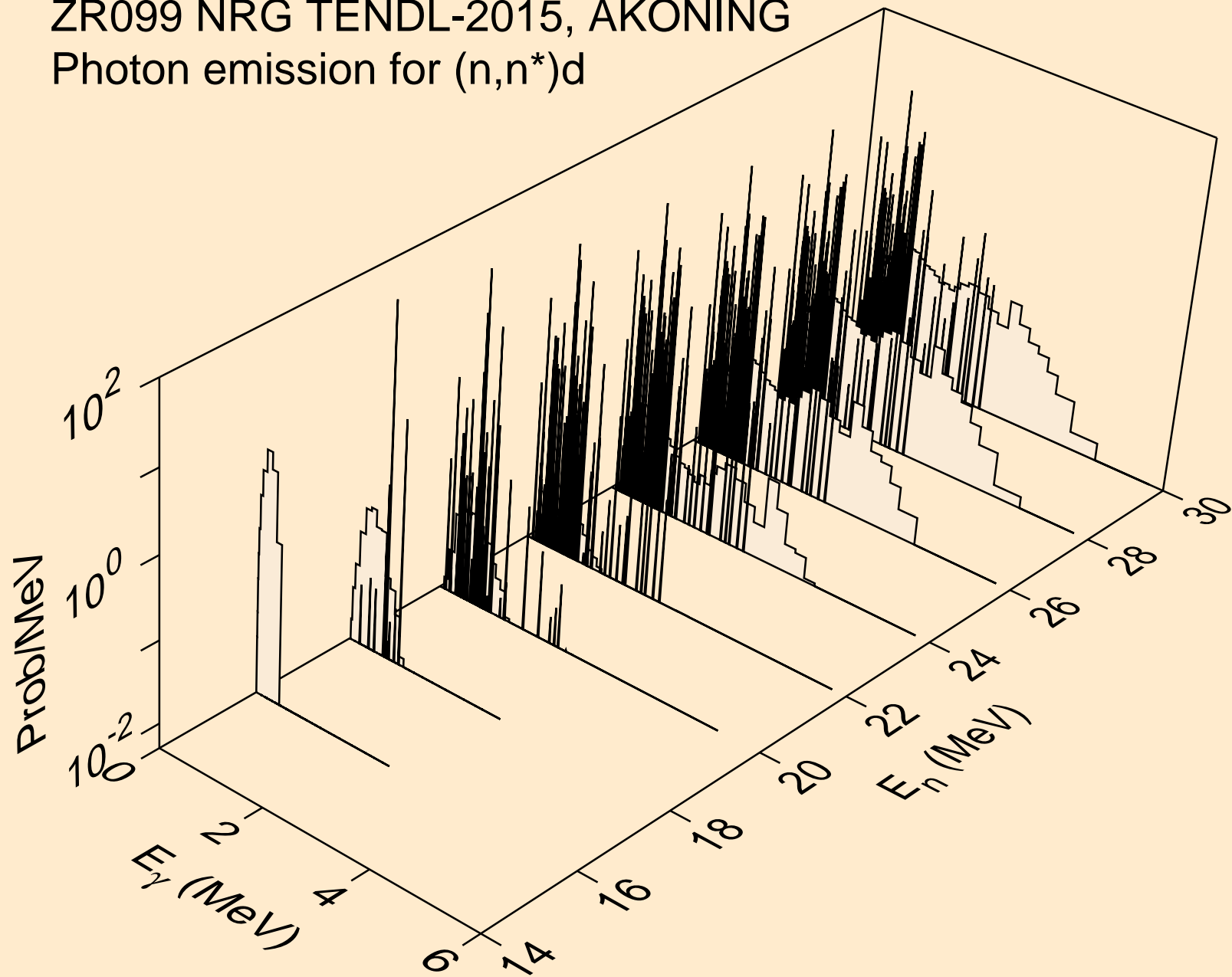
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



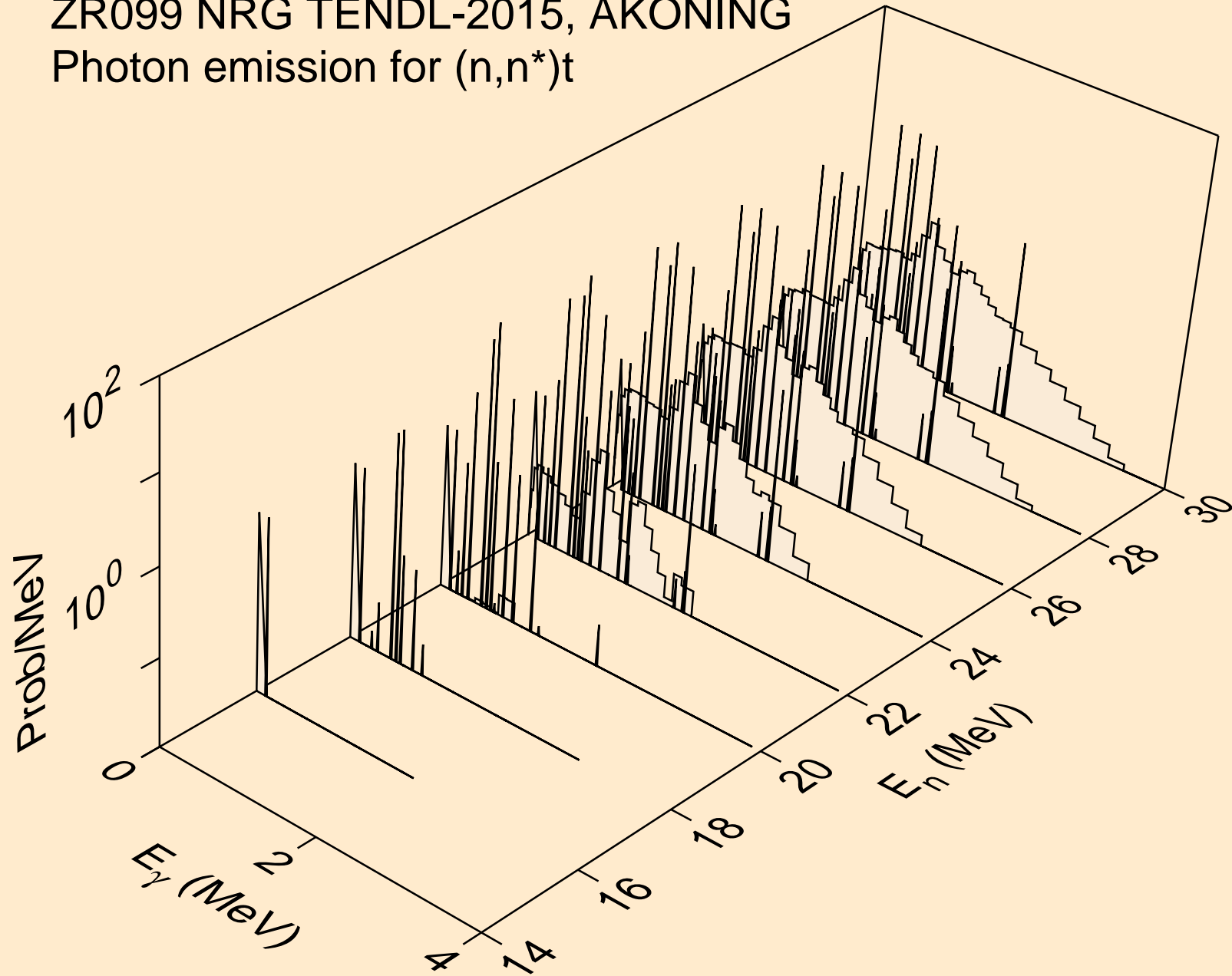
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



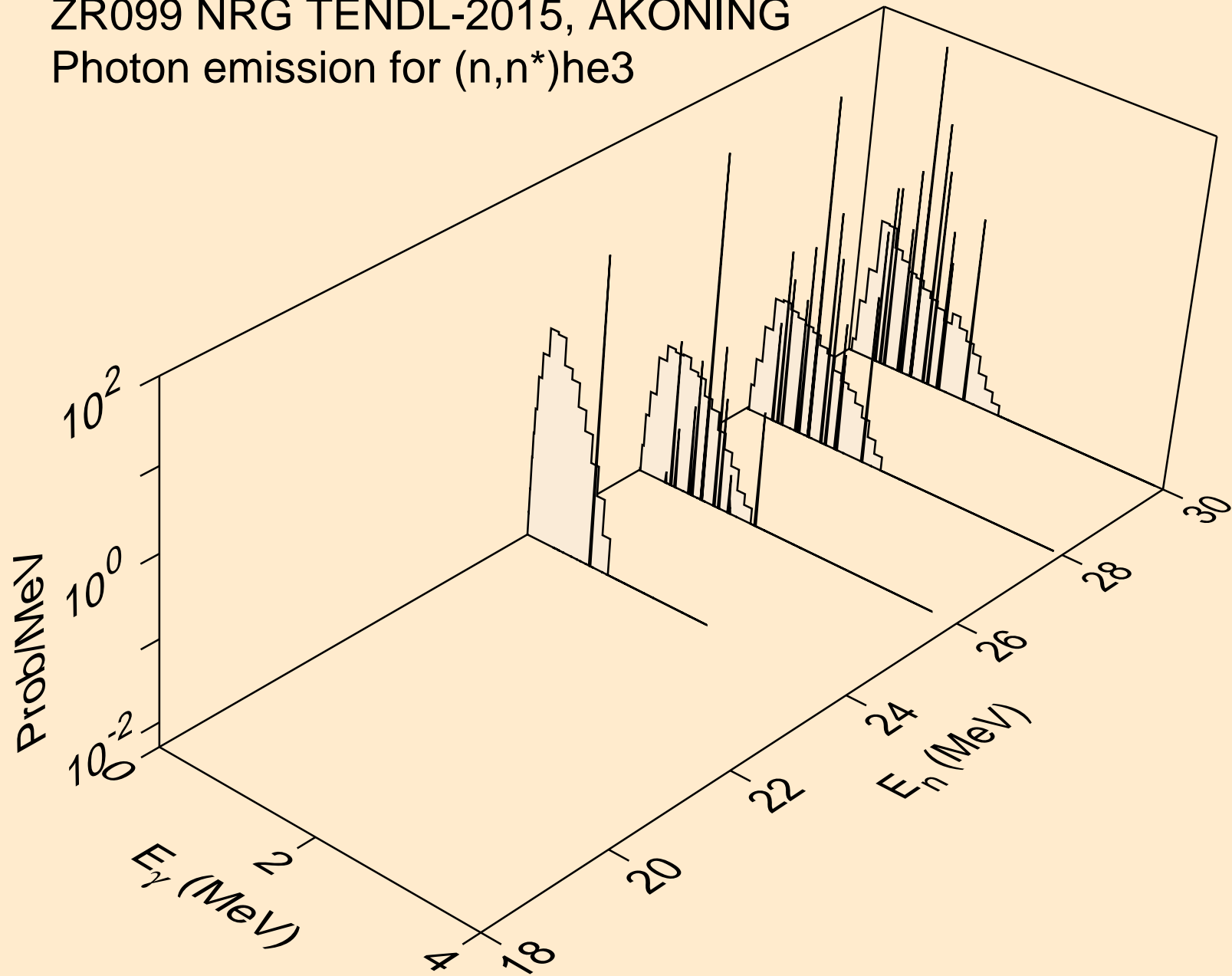
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



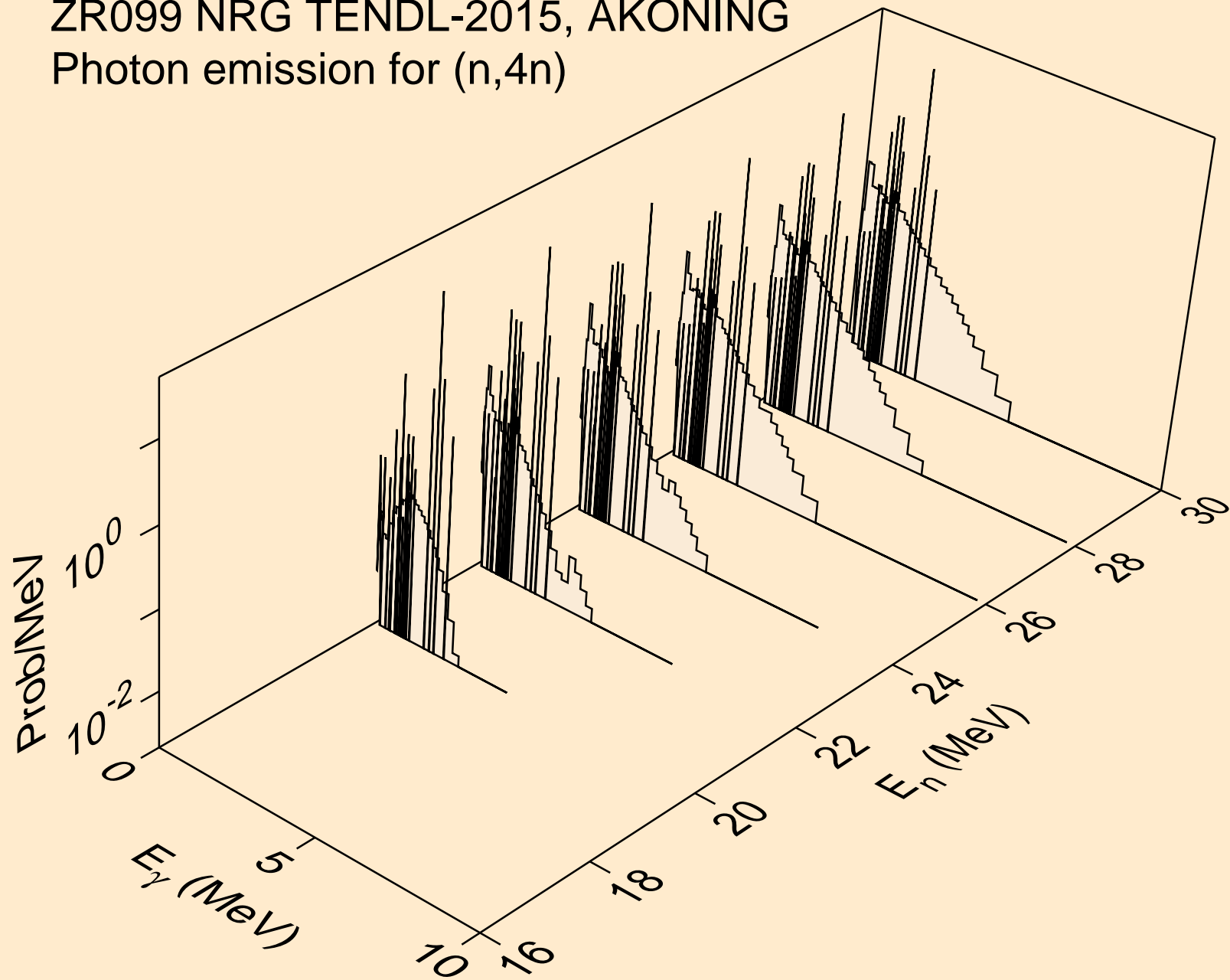
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



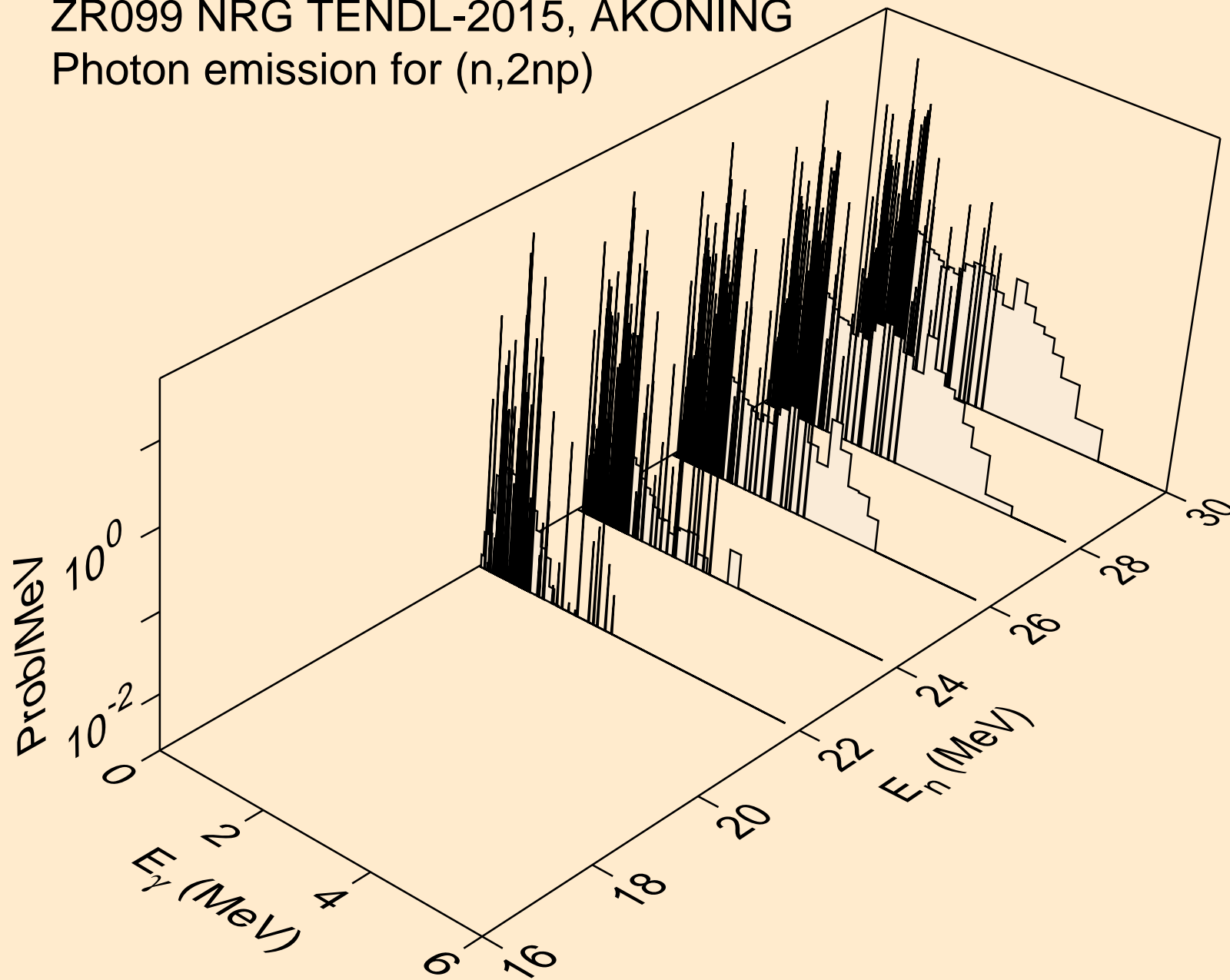
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

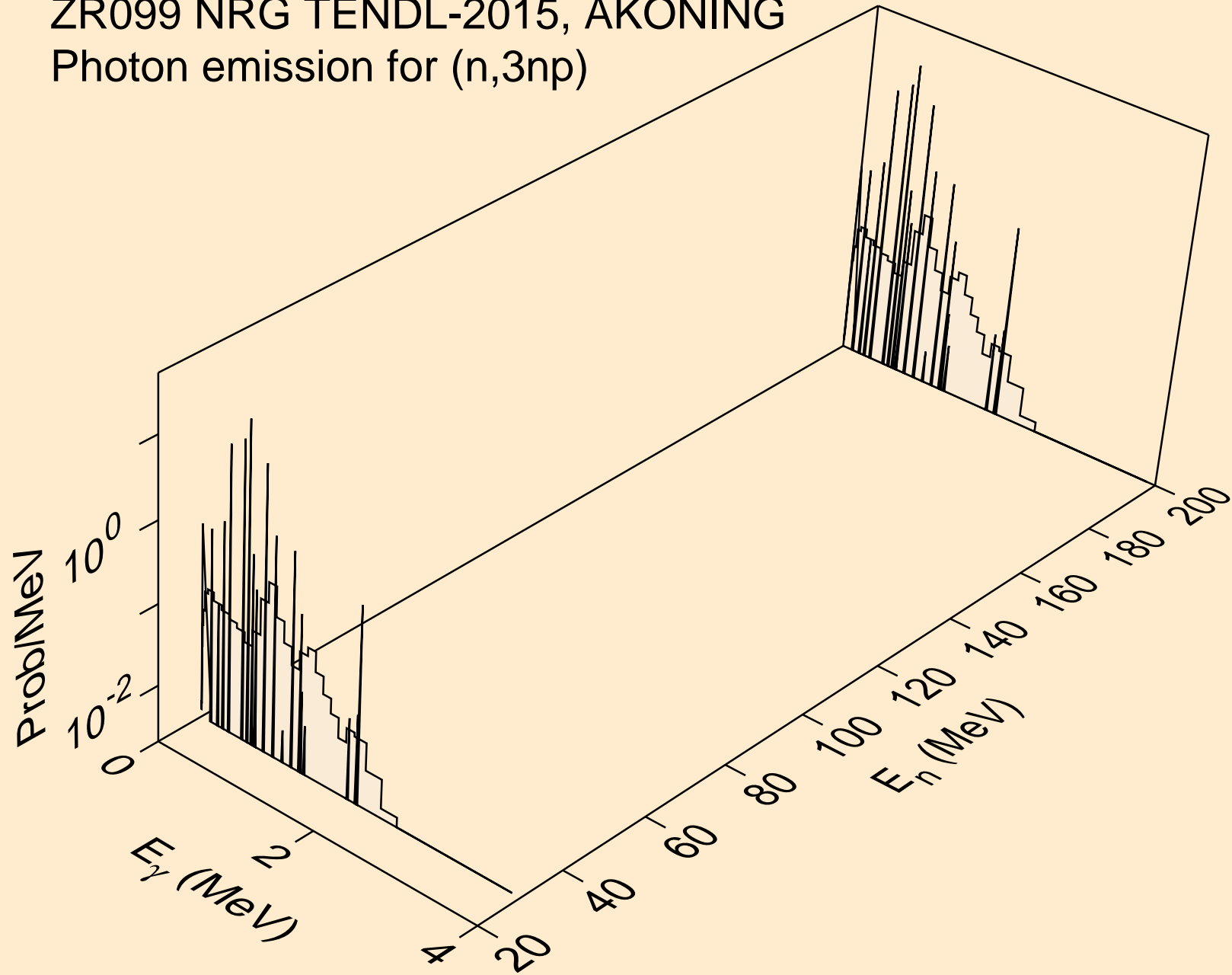


ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

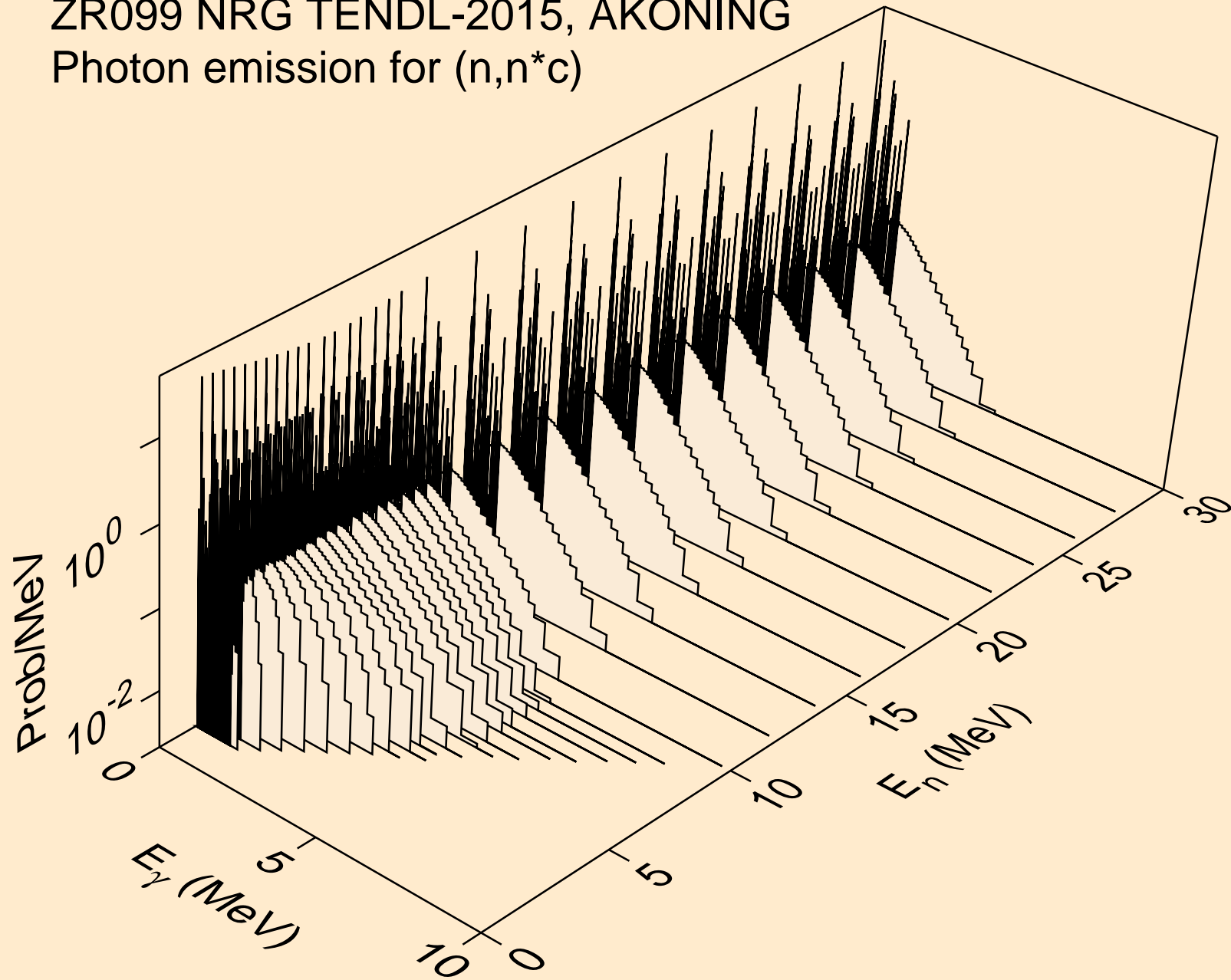




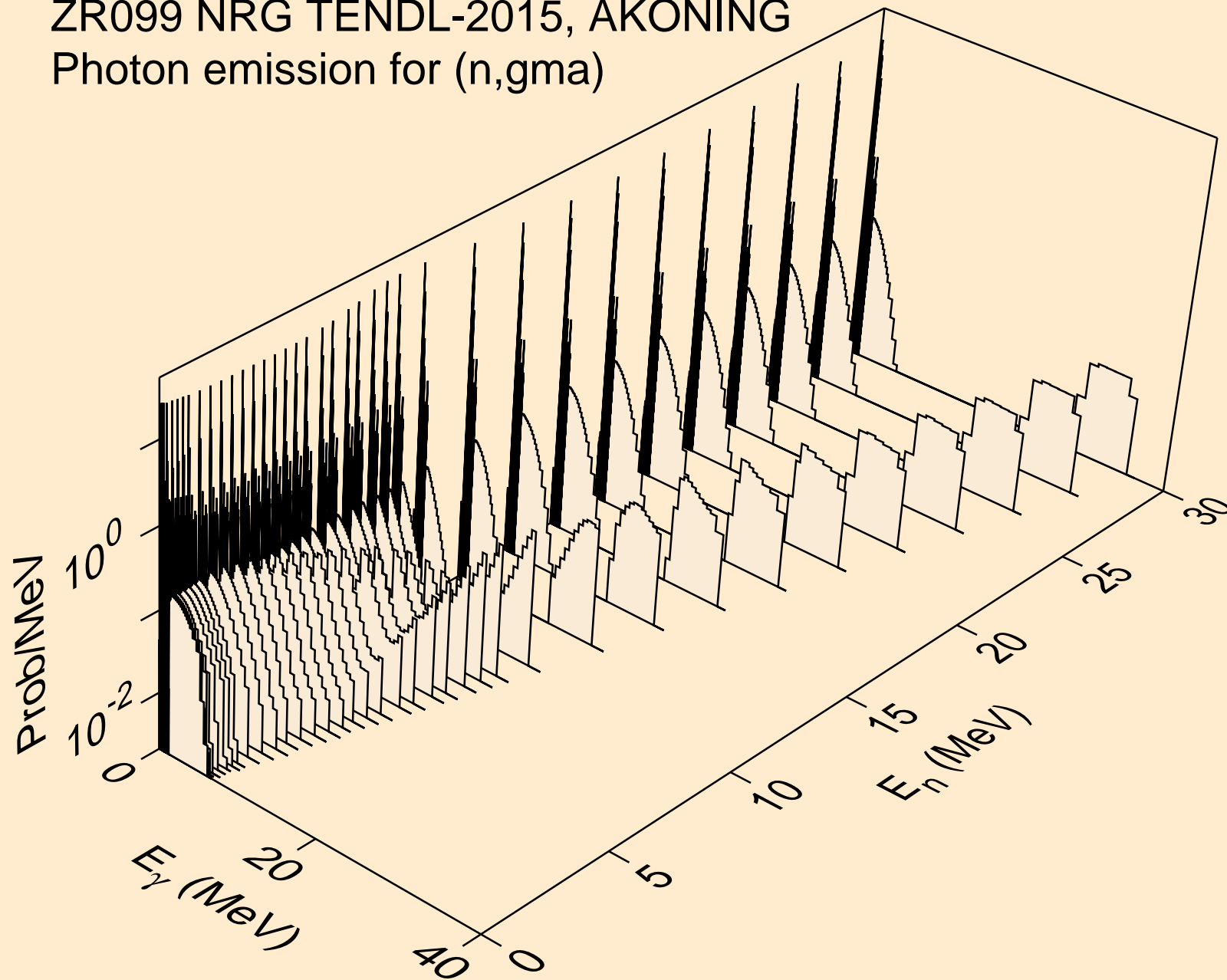
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



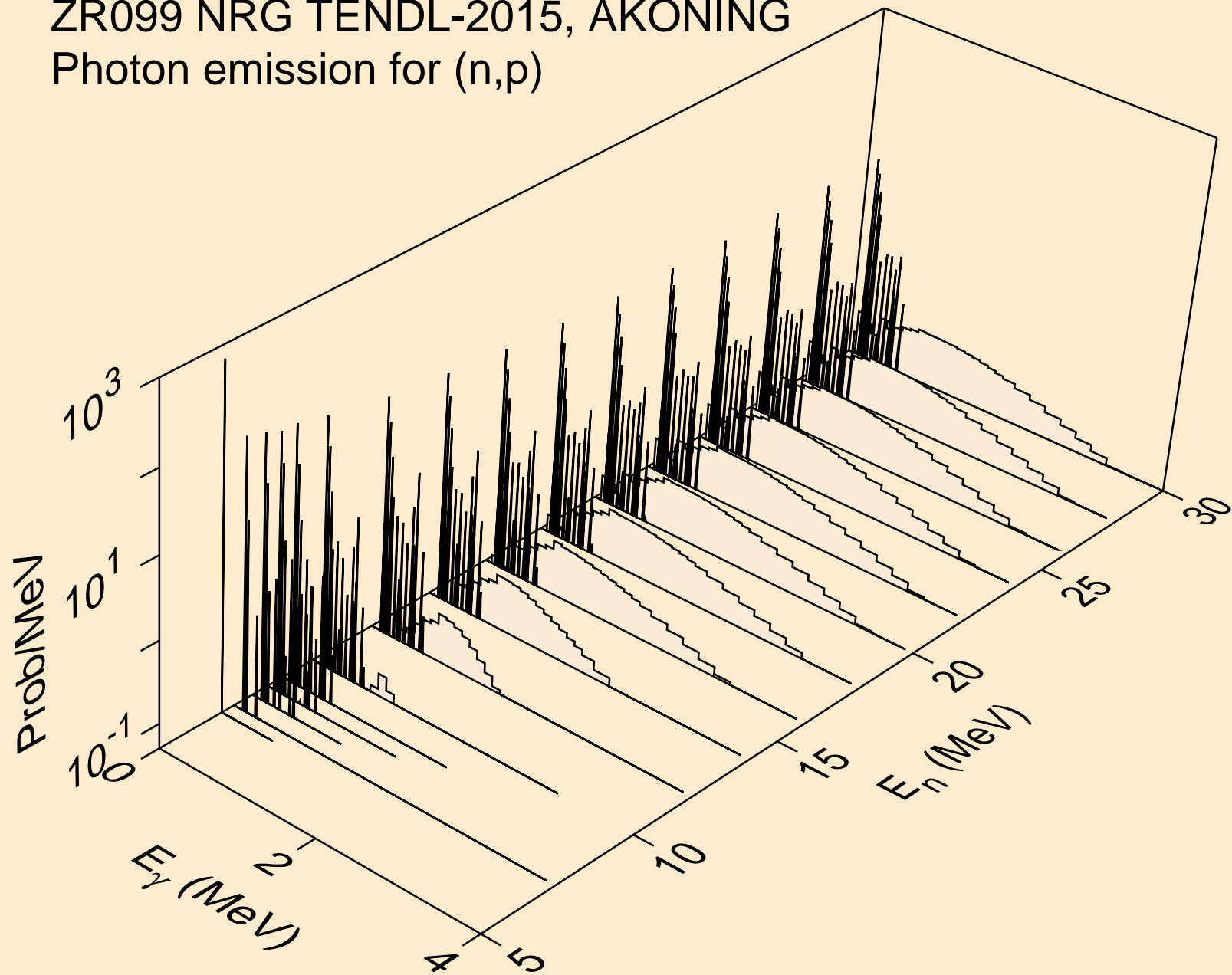
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Photon emission for (n,n\*c)



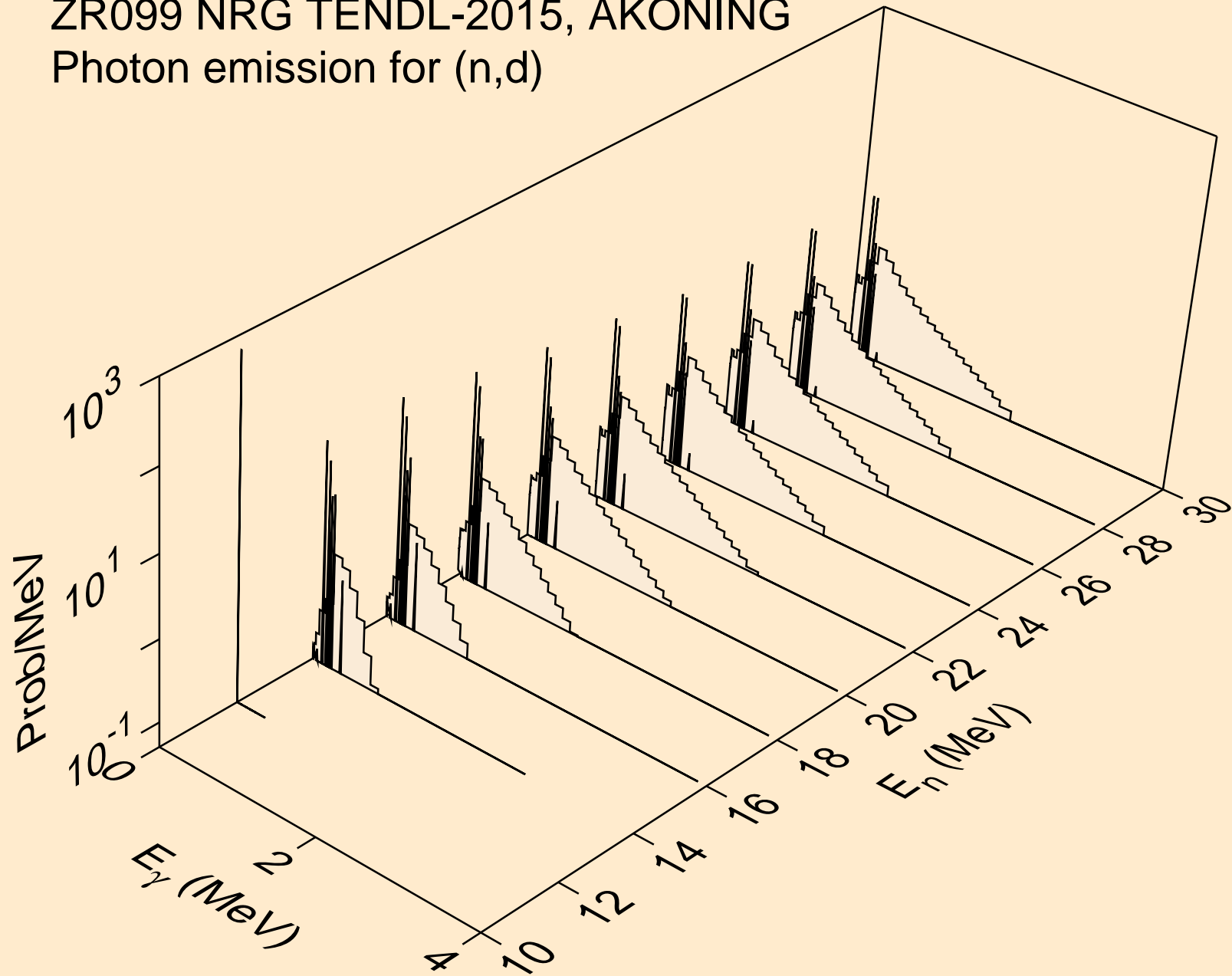
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



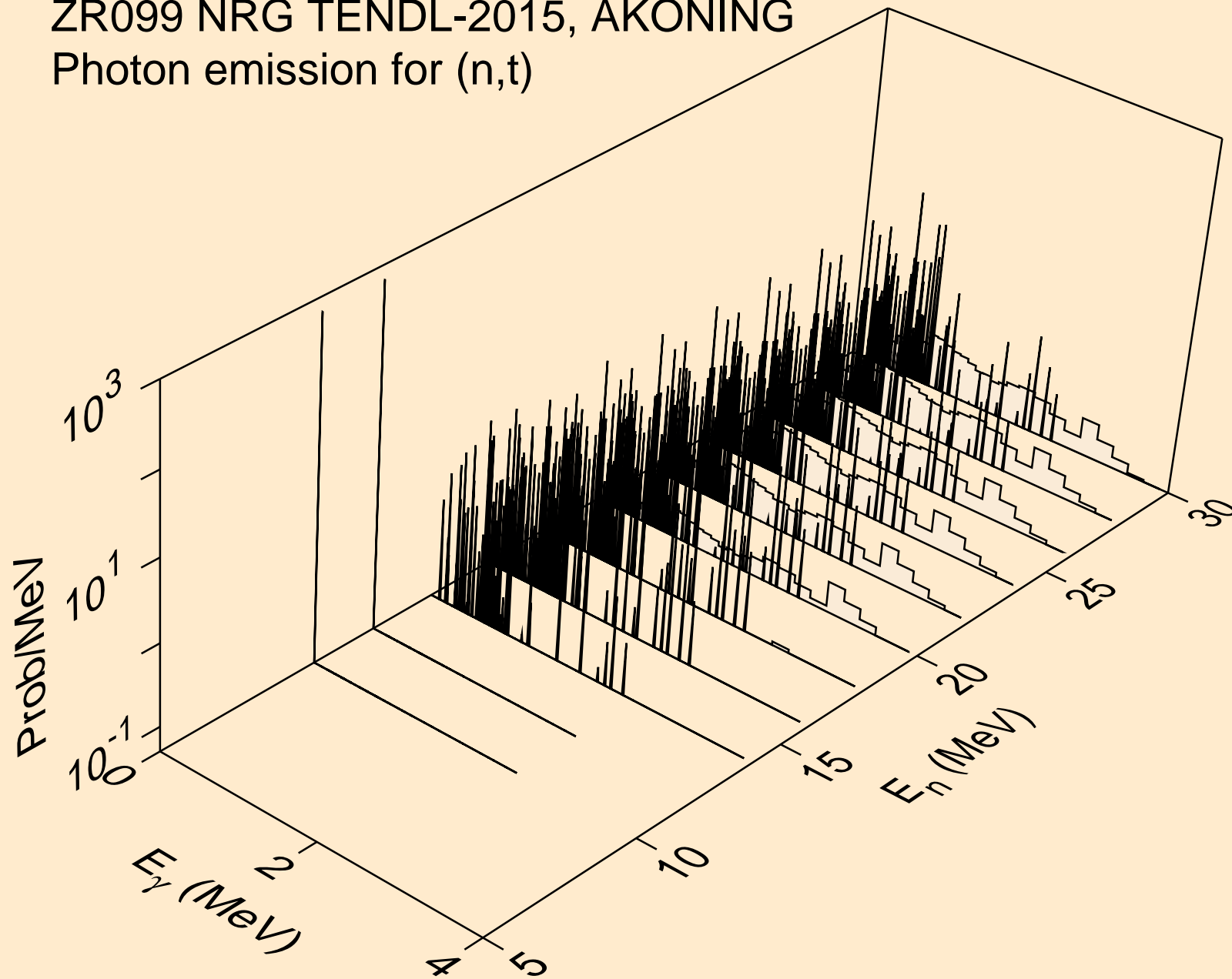
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



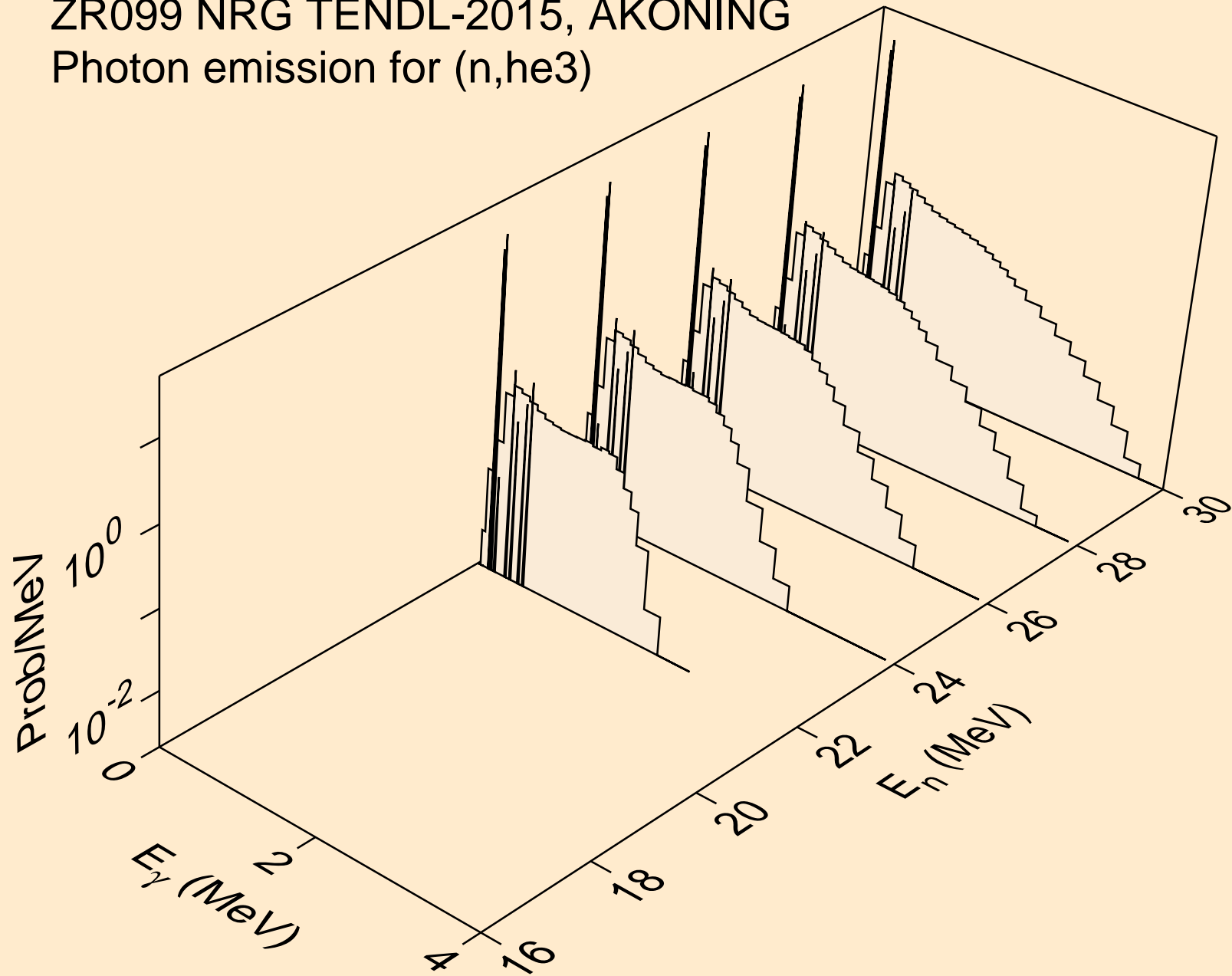
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



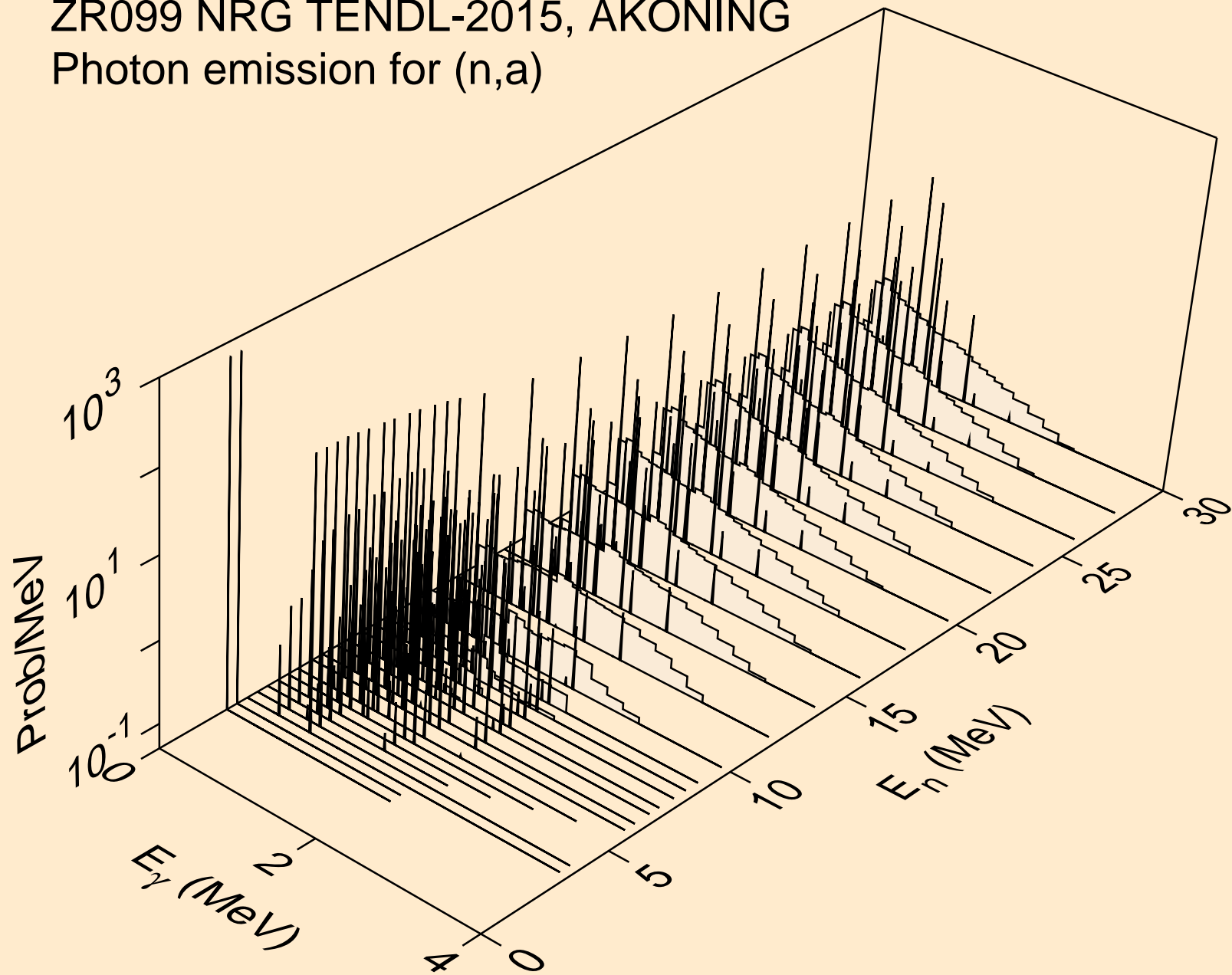
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

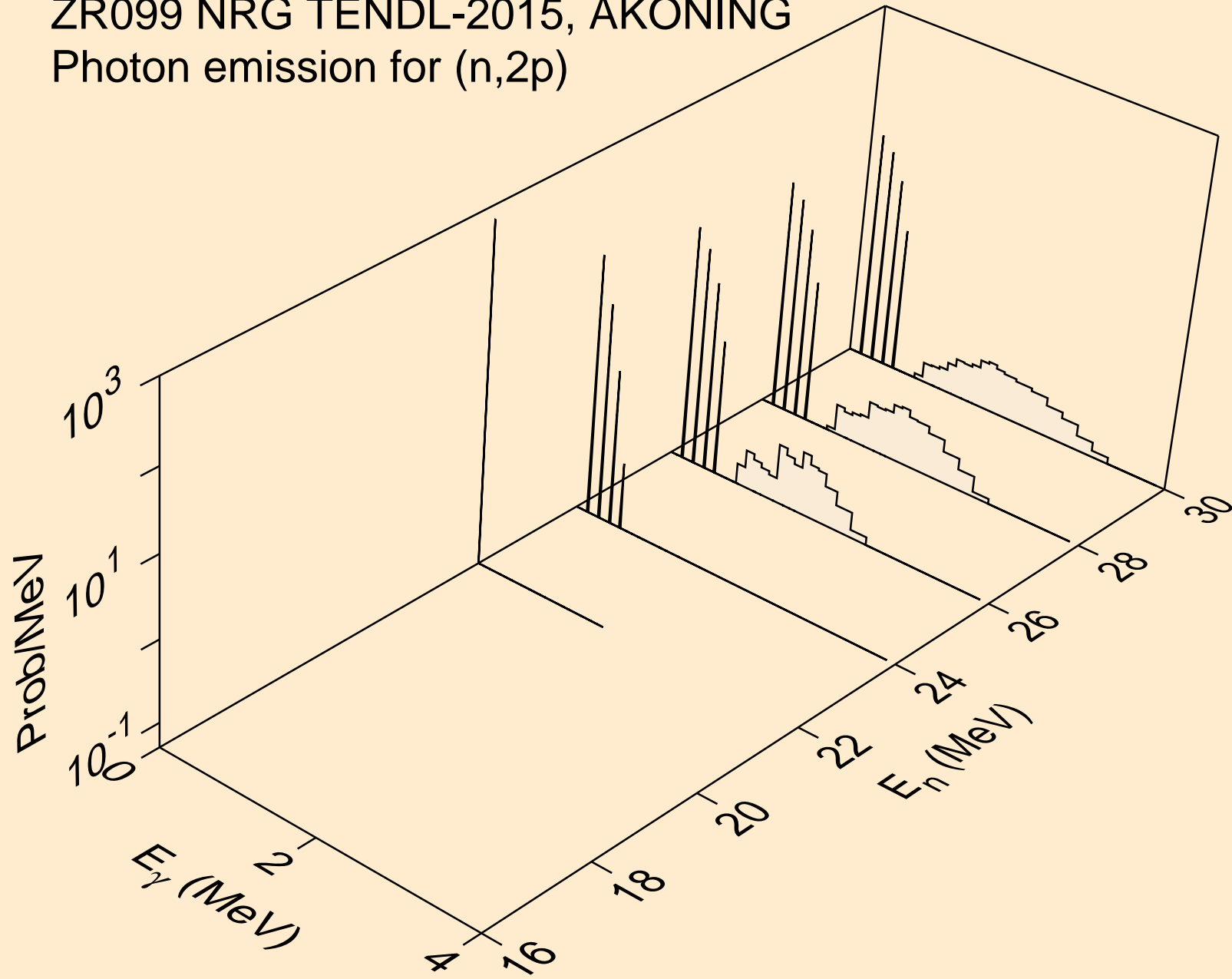


ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

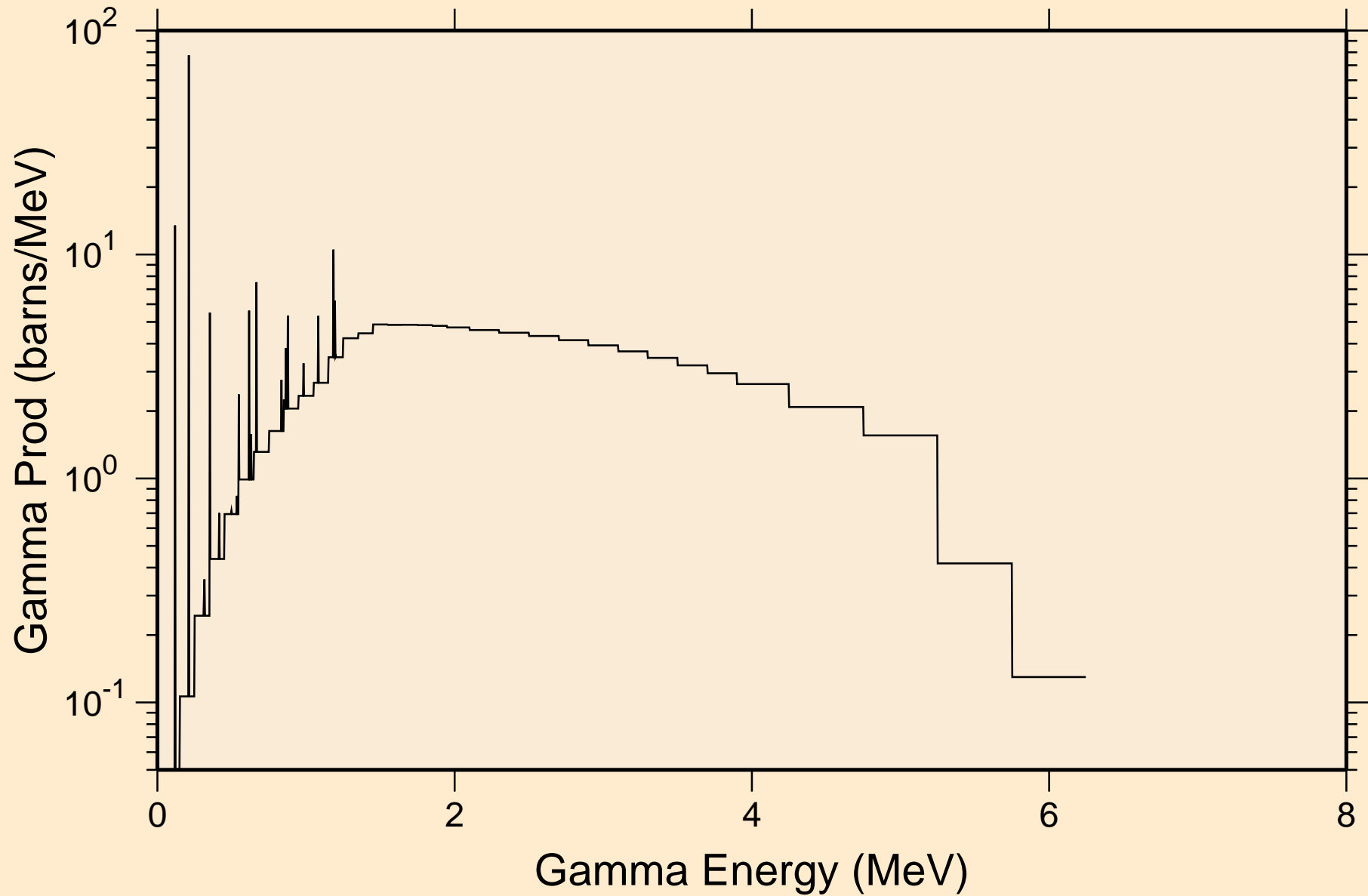




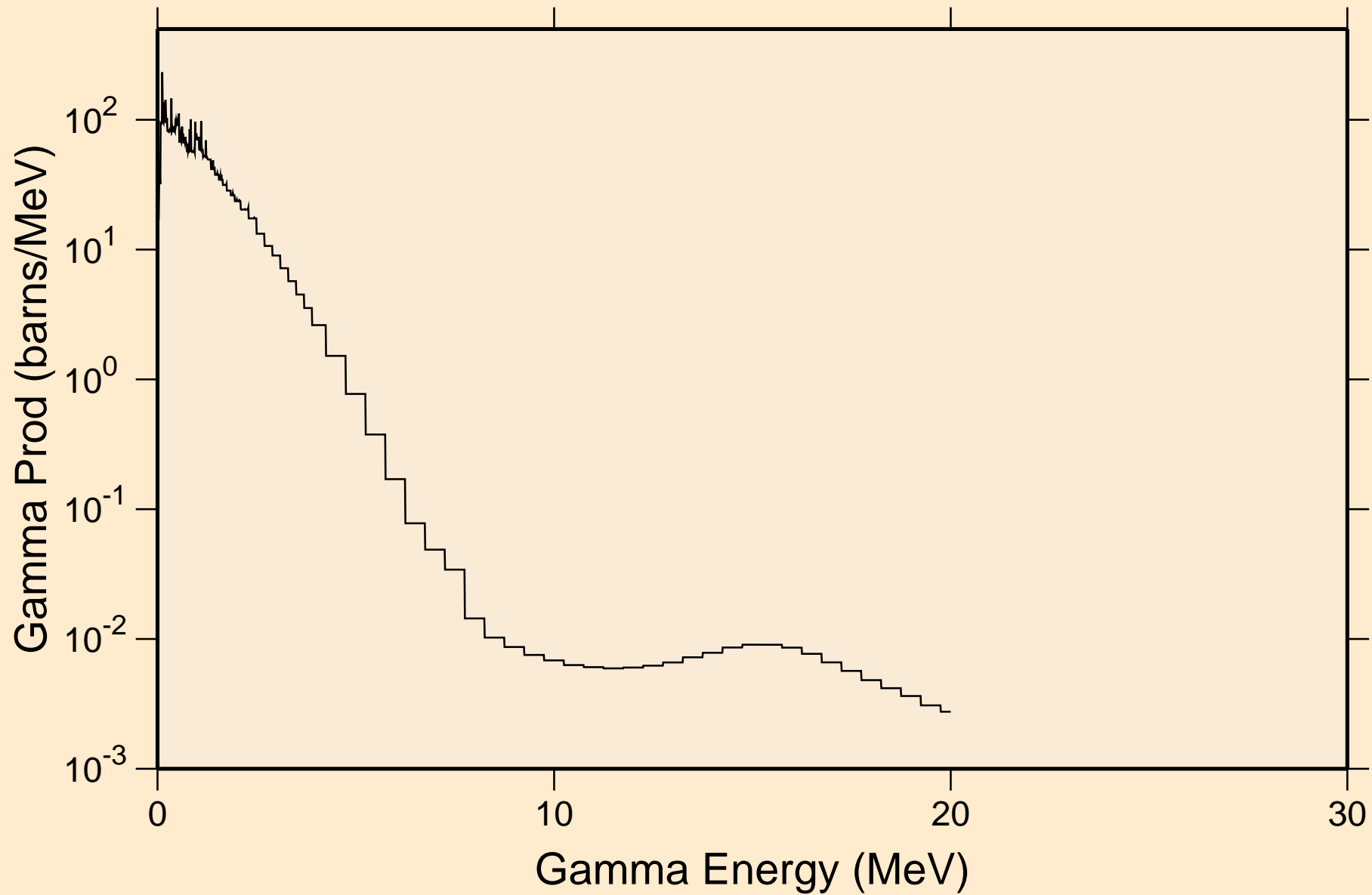
ZR099 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



ZR099 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

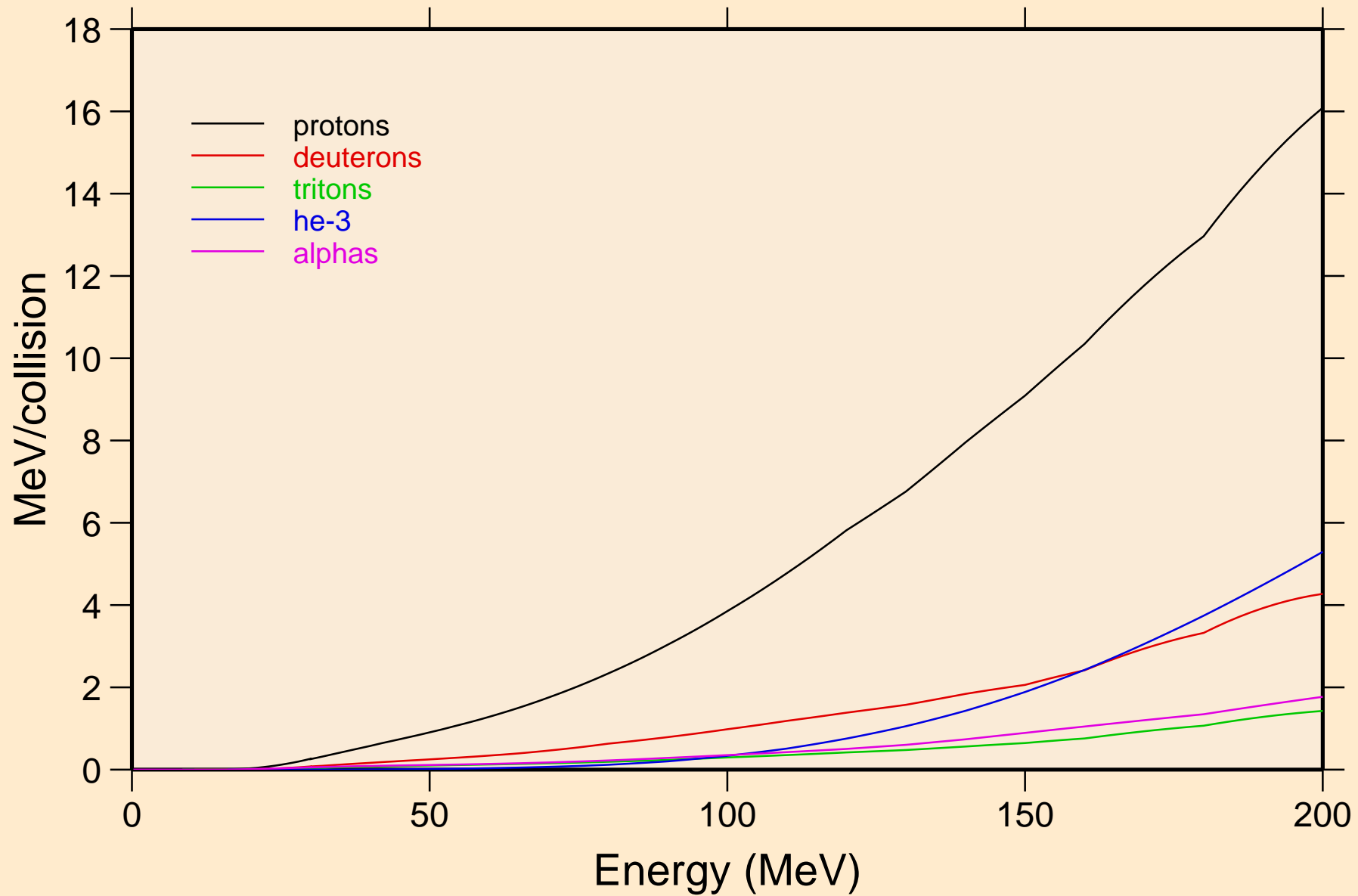


ZR099 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



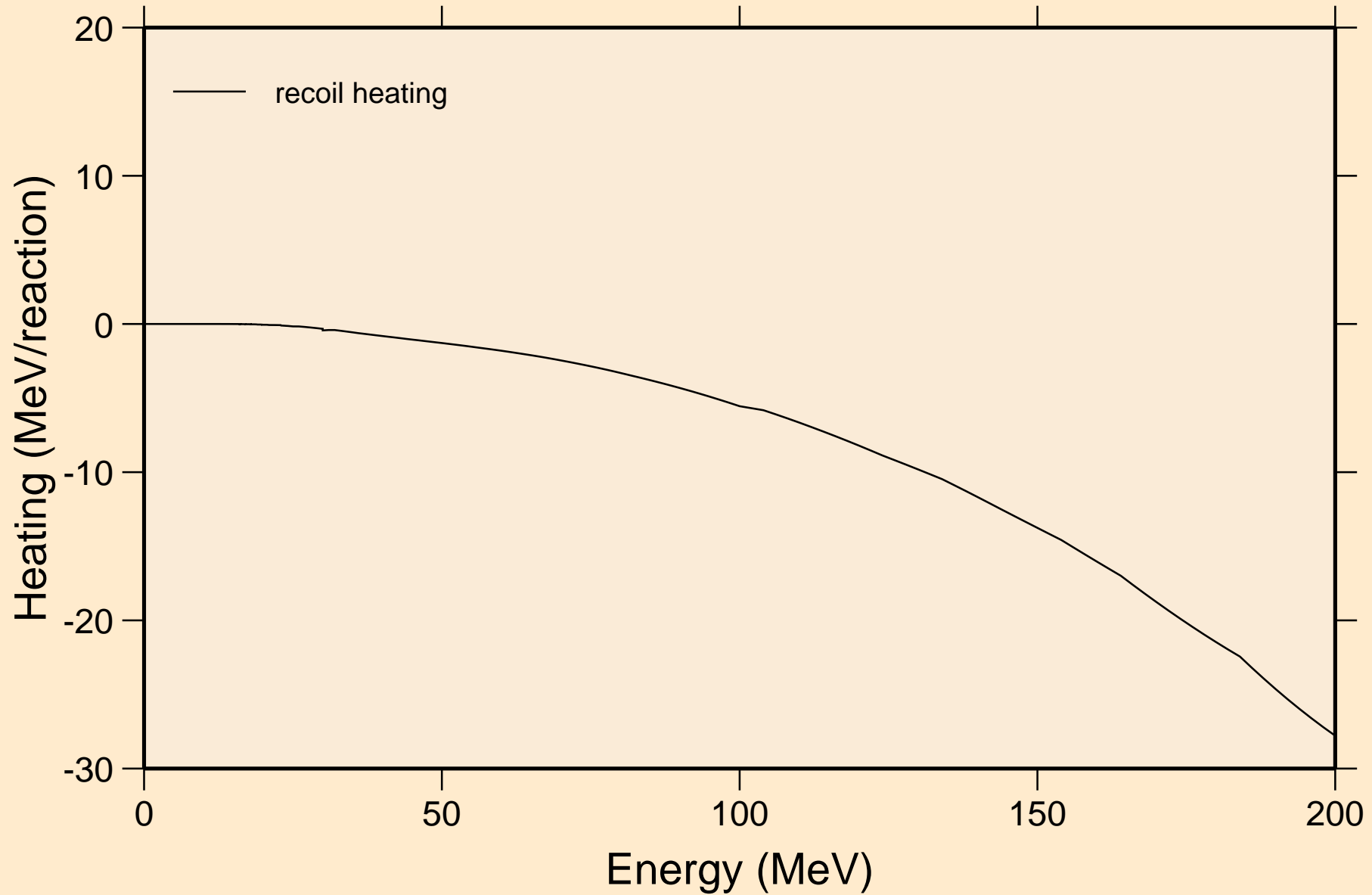
# ZR099 NRG TENDL-2015, AKONING

## Particle heating contributions



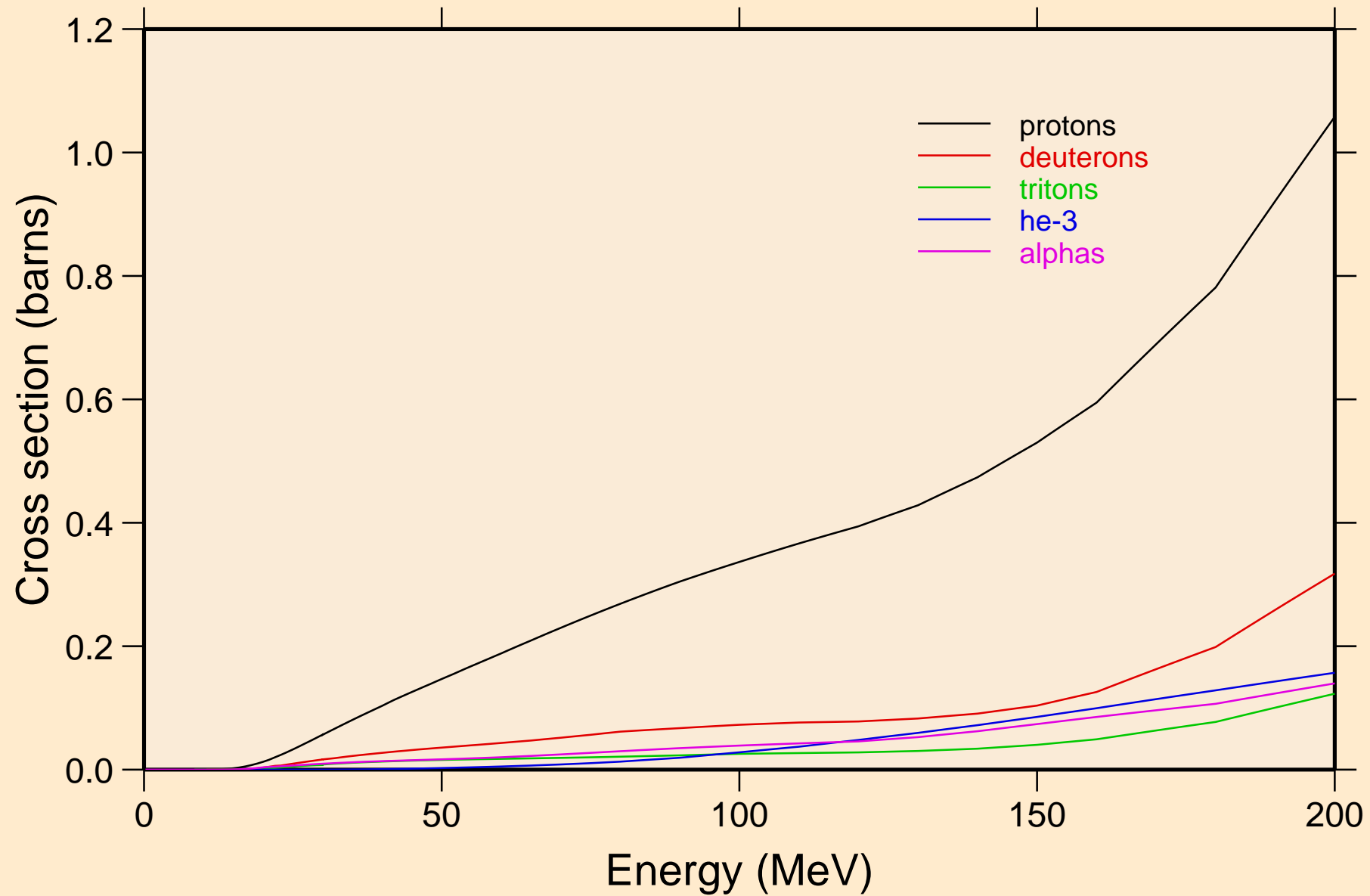
# ZR099 NRG TENDL-2015, AKONING

## Recoil Heating

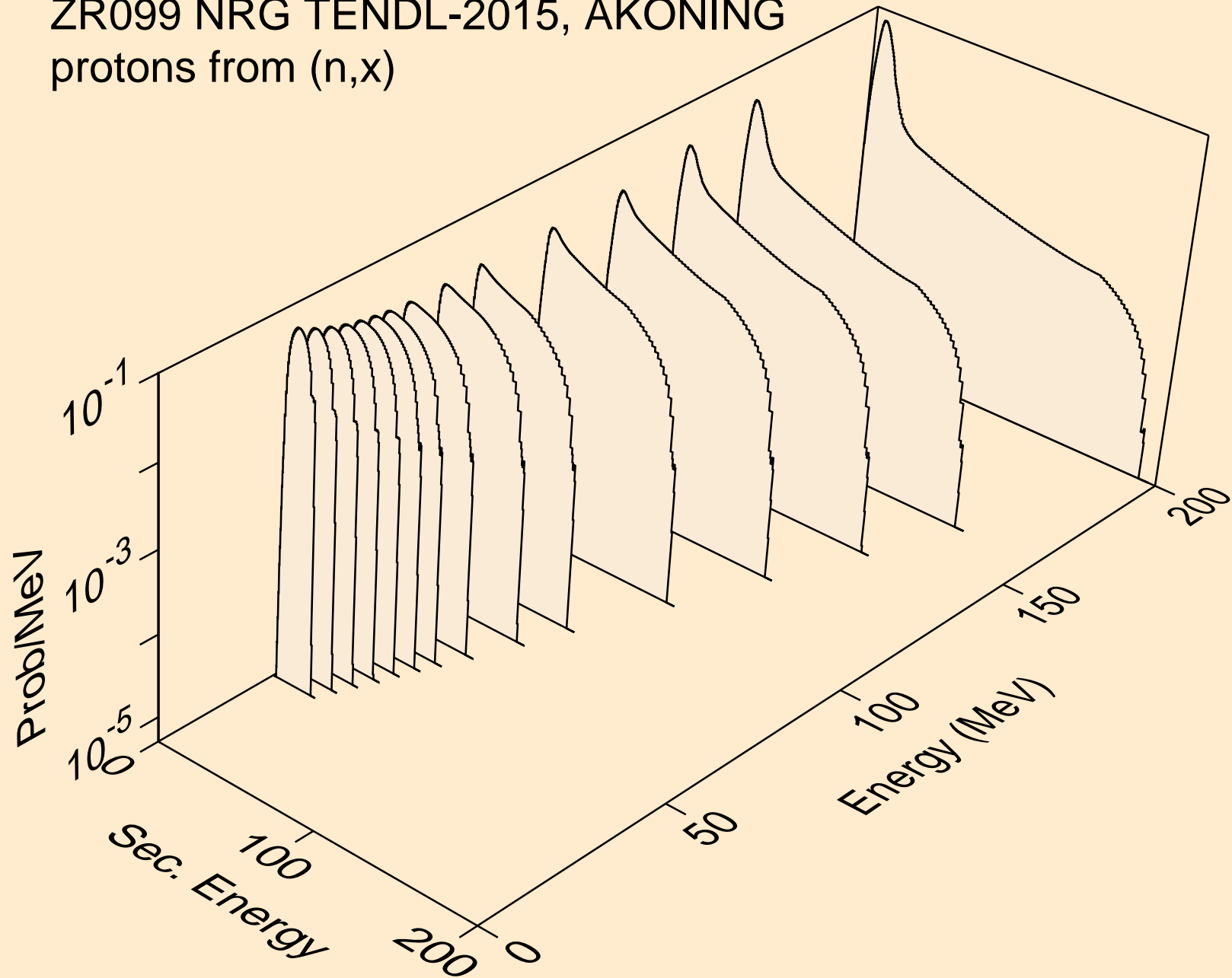


# ZR099 NRG TENDL-2015, AKONING

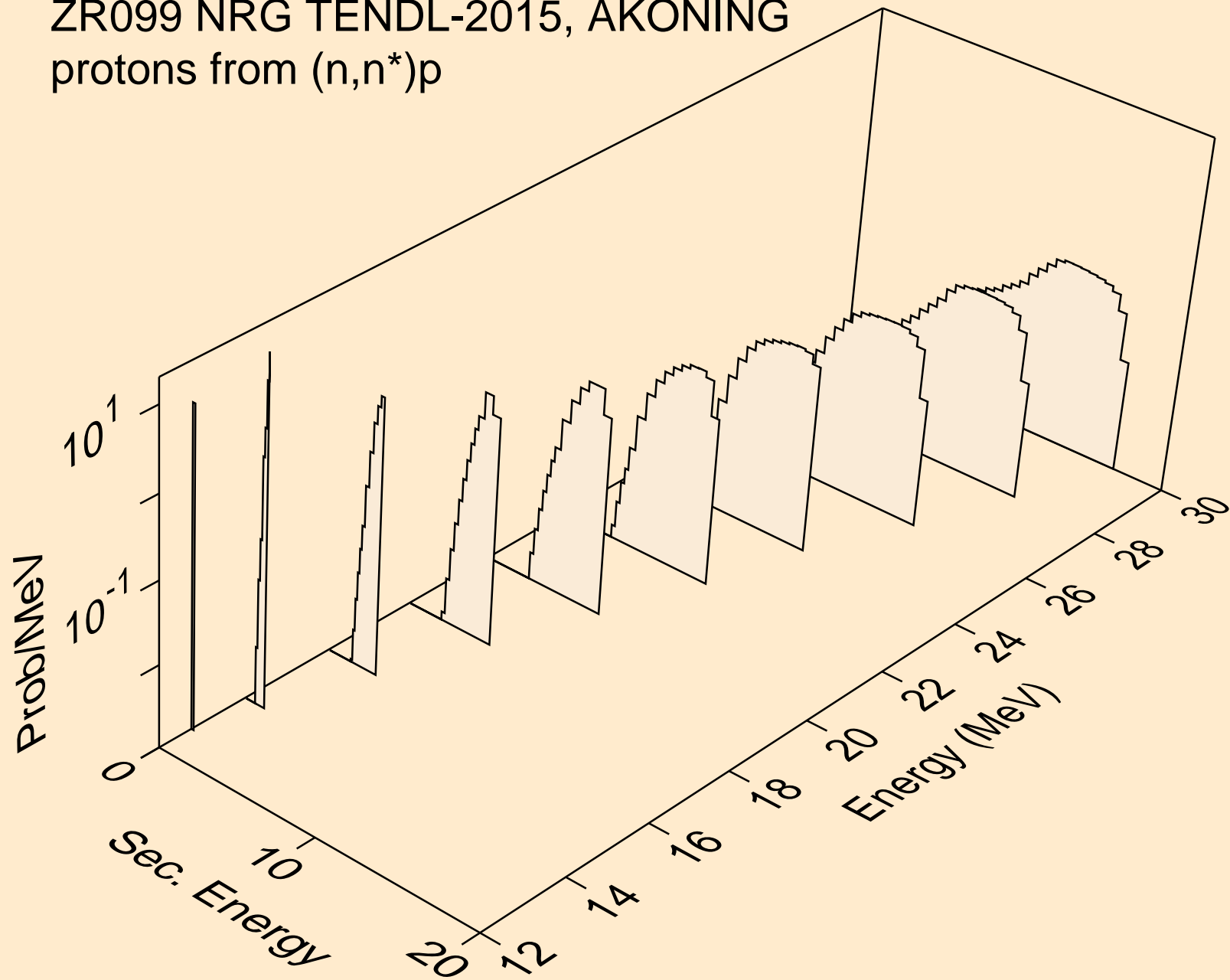
## Particle production cross sections



ZR099 NRG TENDL-2015, AKONING  
protons from (n,x)

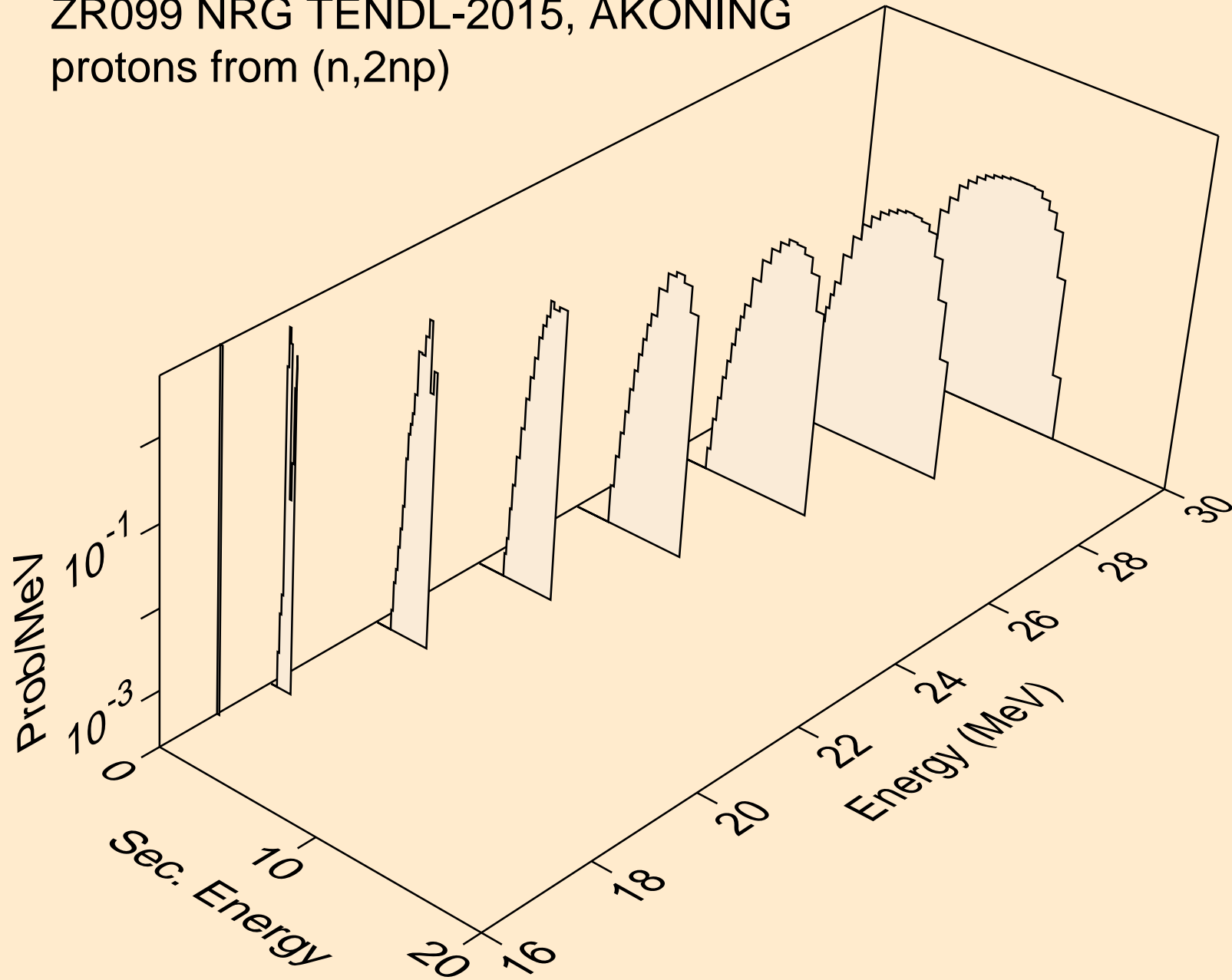


ZR099 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

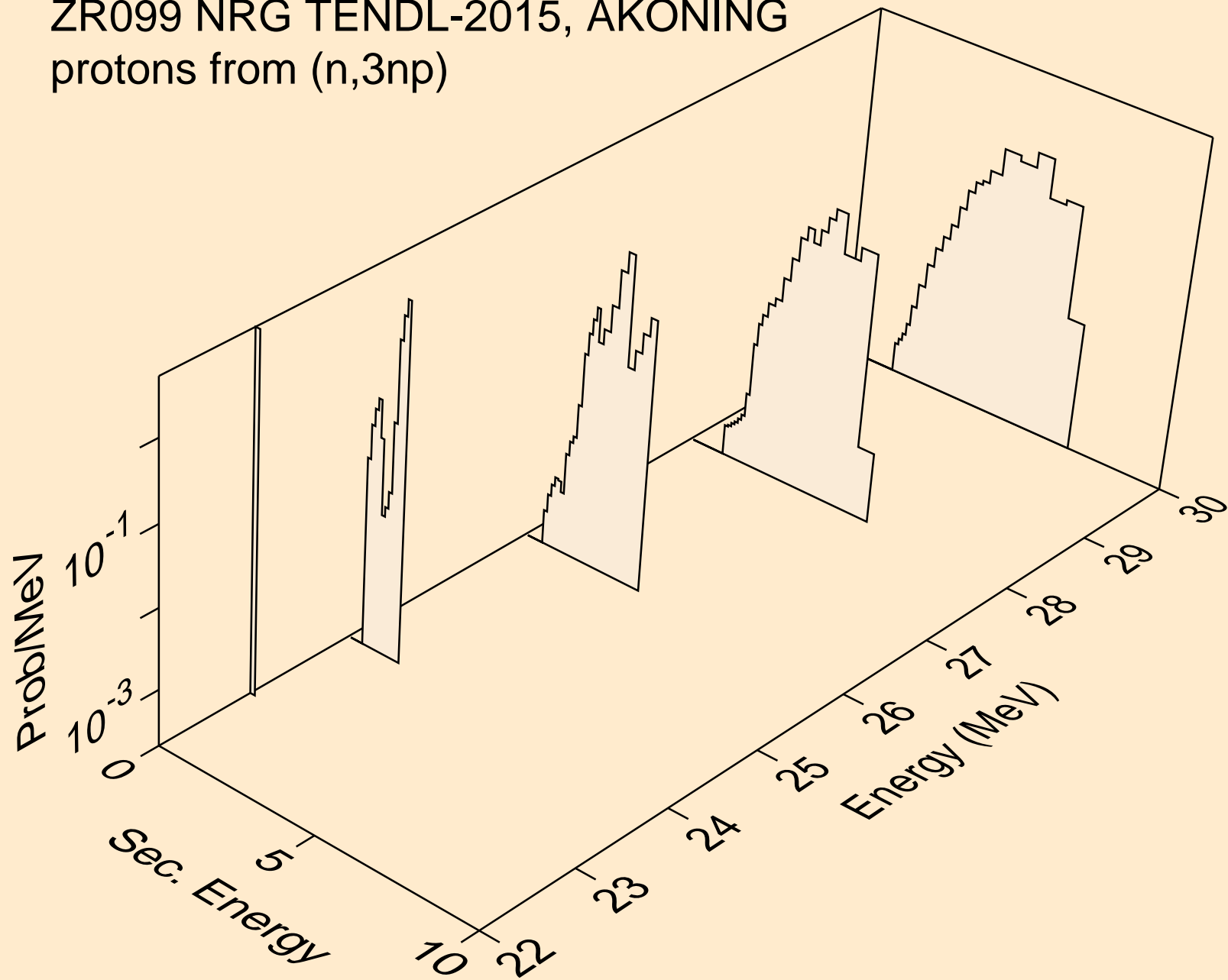




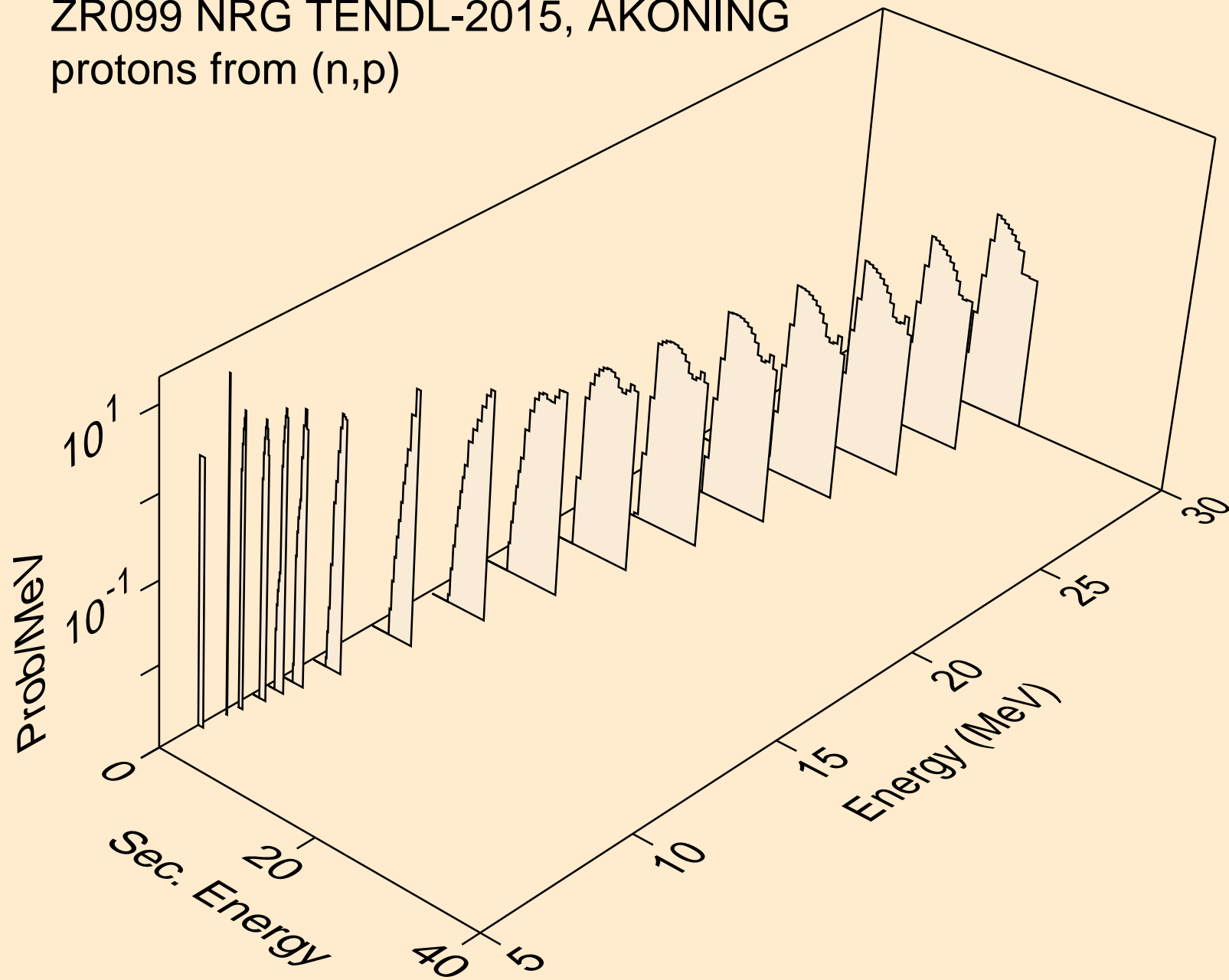
ZR099 NRG TENDL-2015, AKONING  
protons from (n,2np)



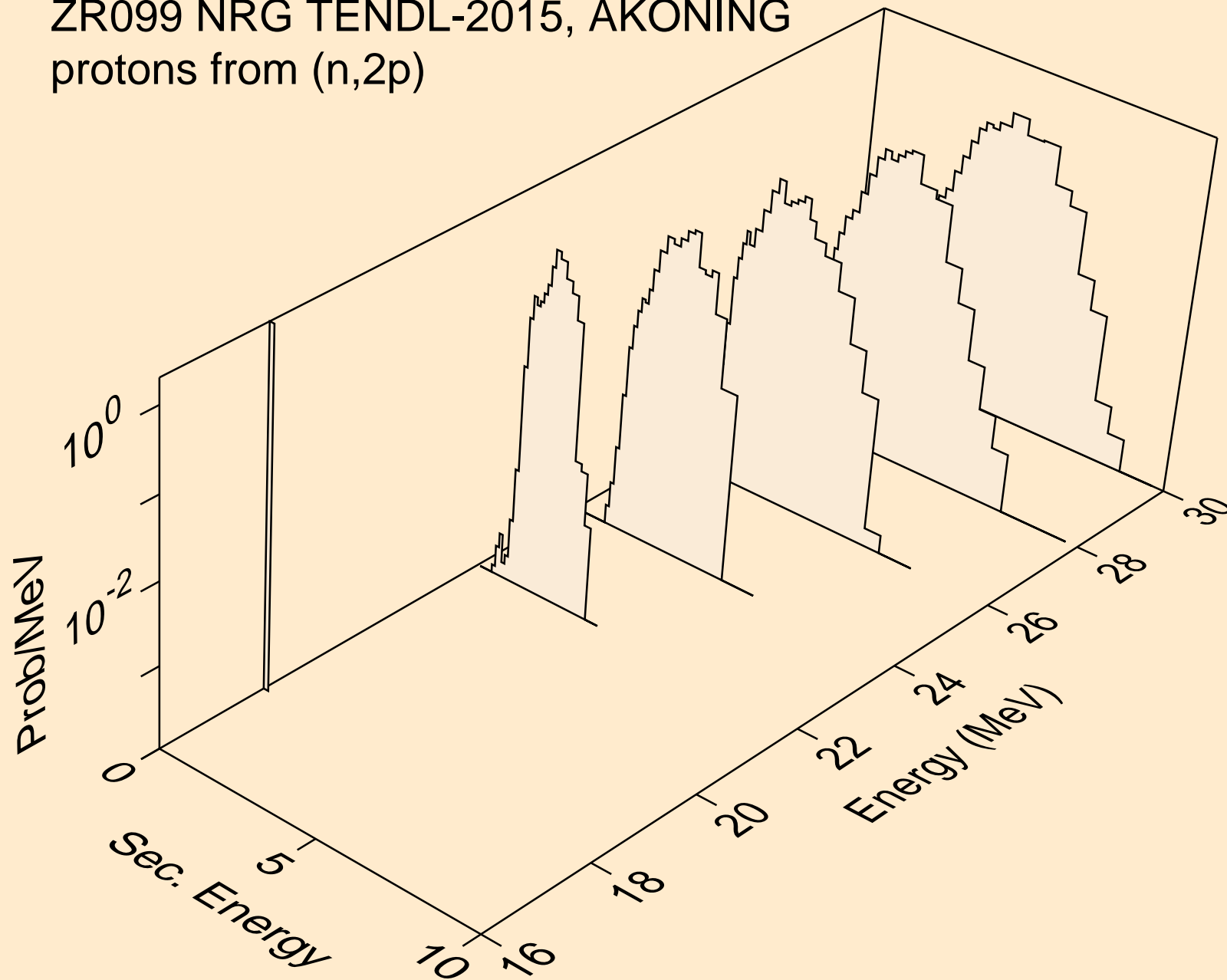
ZR099 NRG TENDL-2015, AKONING  
protons from (n,3np)



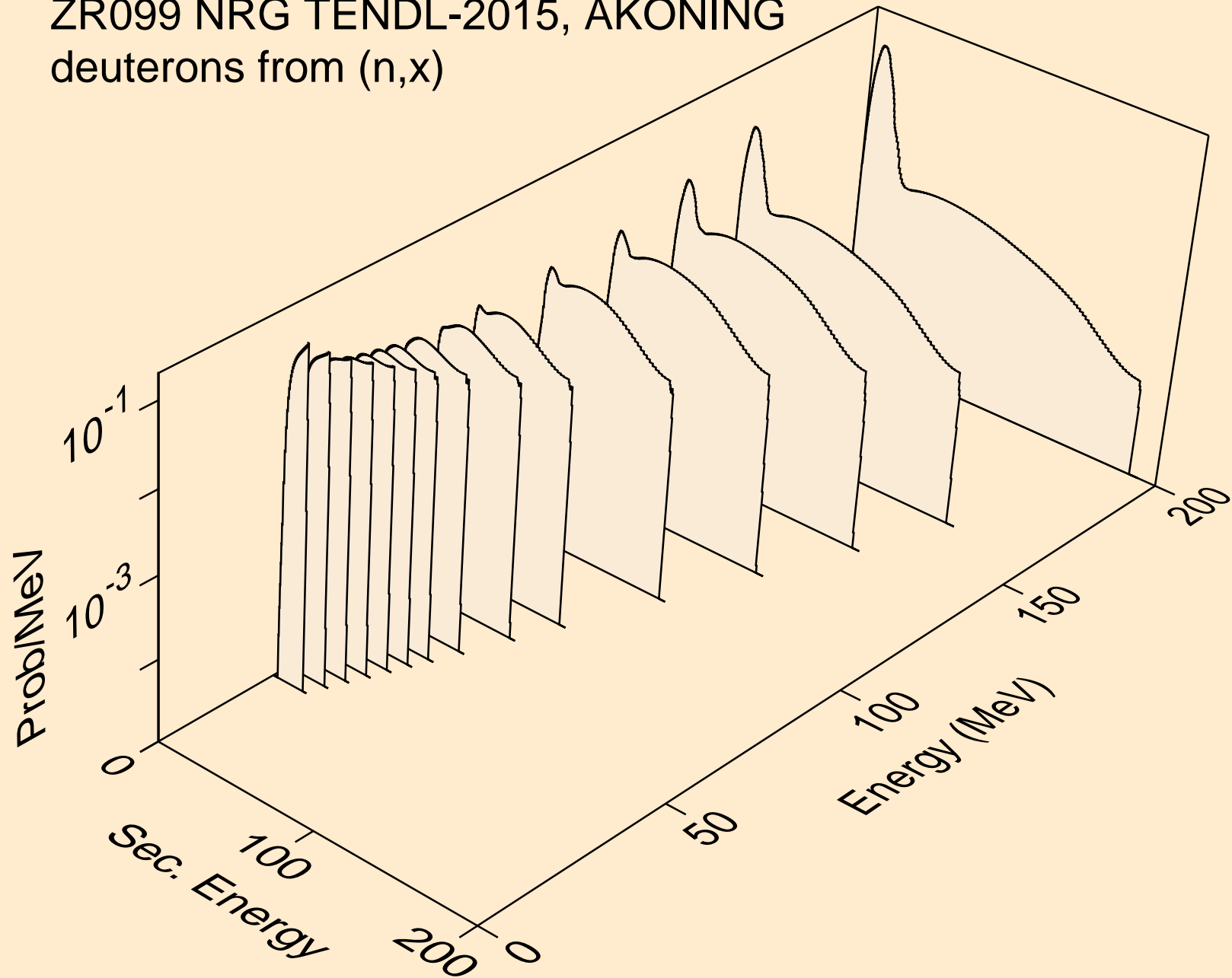
ZR099 NRG TENDL-2015, AKONING  
protons from (n,p)



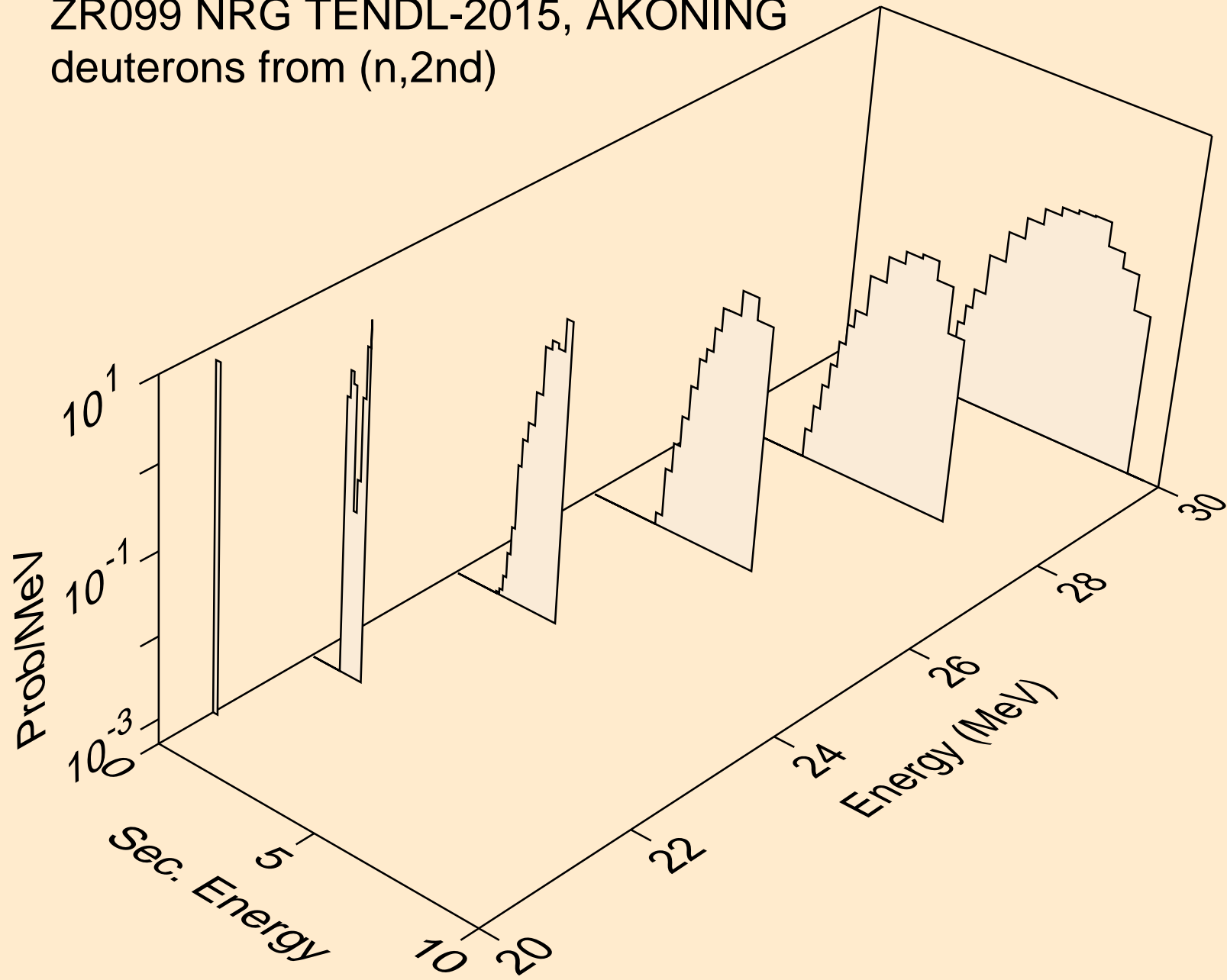
ZR099 NRG TENDL-2015, AKONING  
protons from (n,2p)



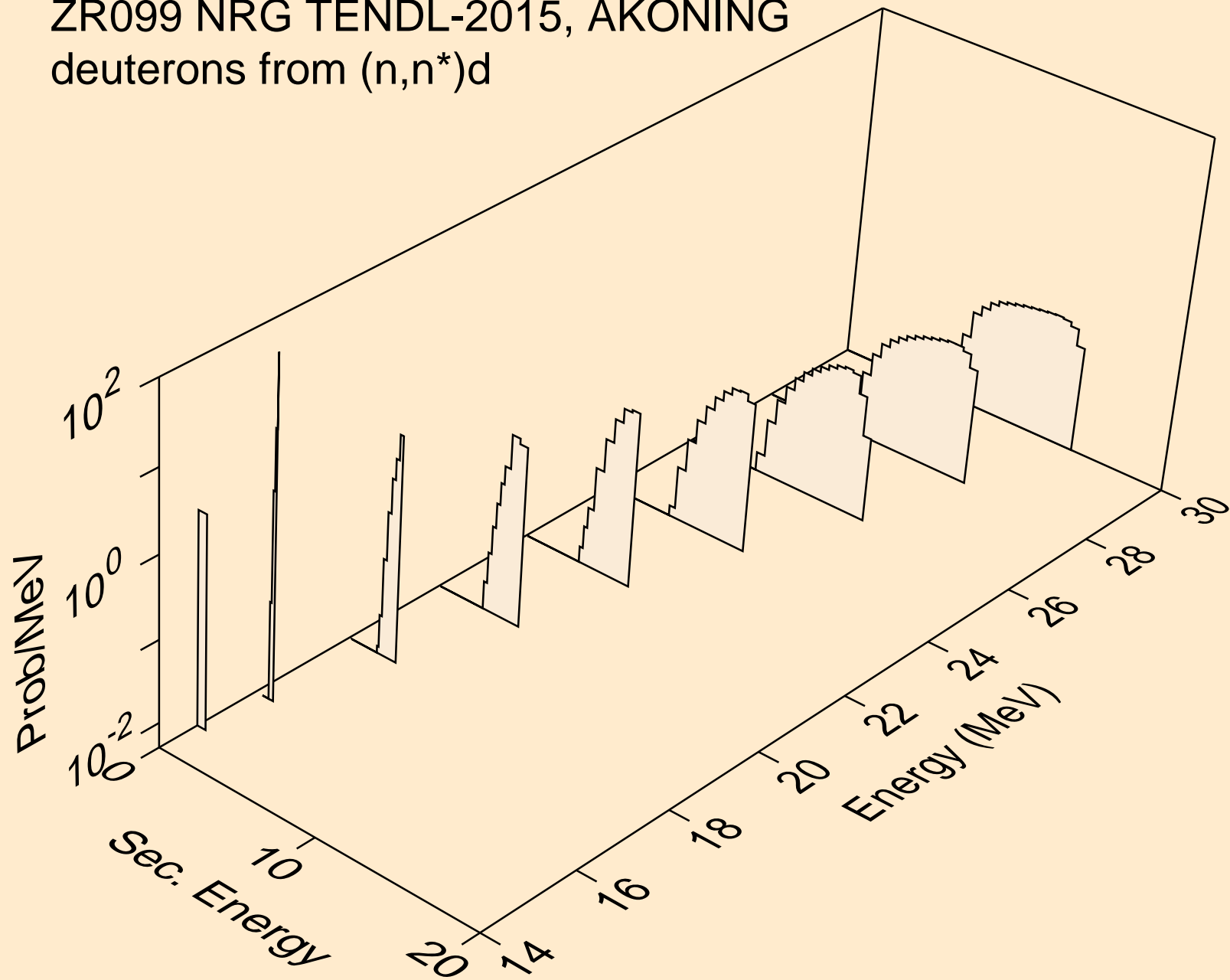
ZR099 NRG TENDL-2015, AKONING  
deuterons from (n,x)



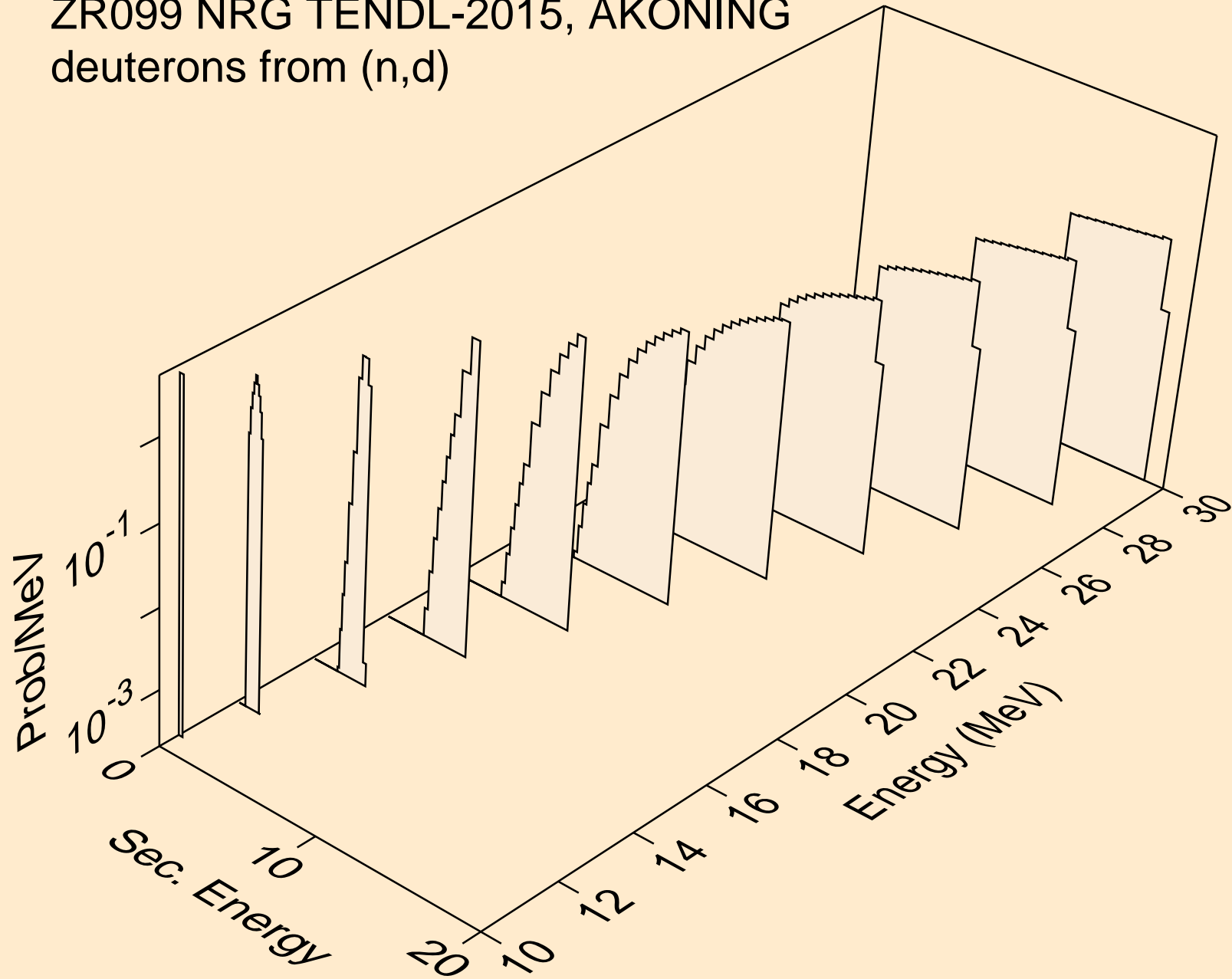
ZR099 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



ZR099 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

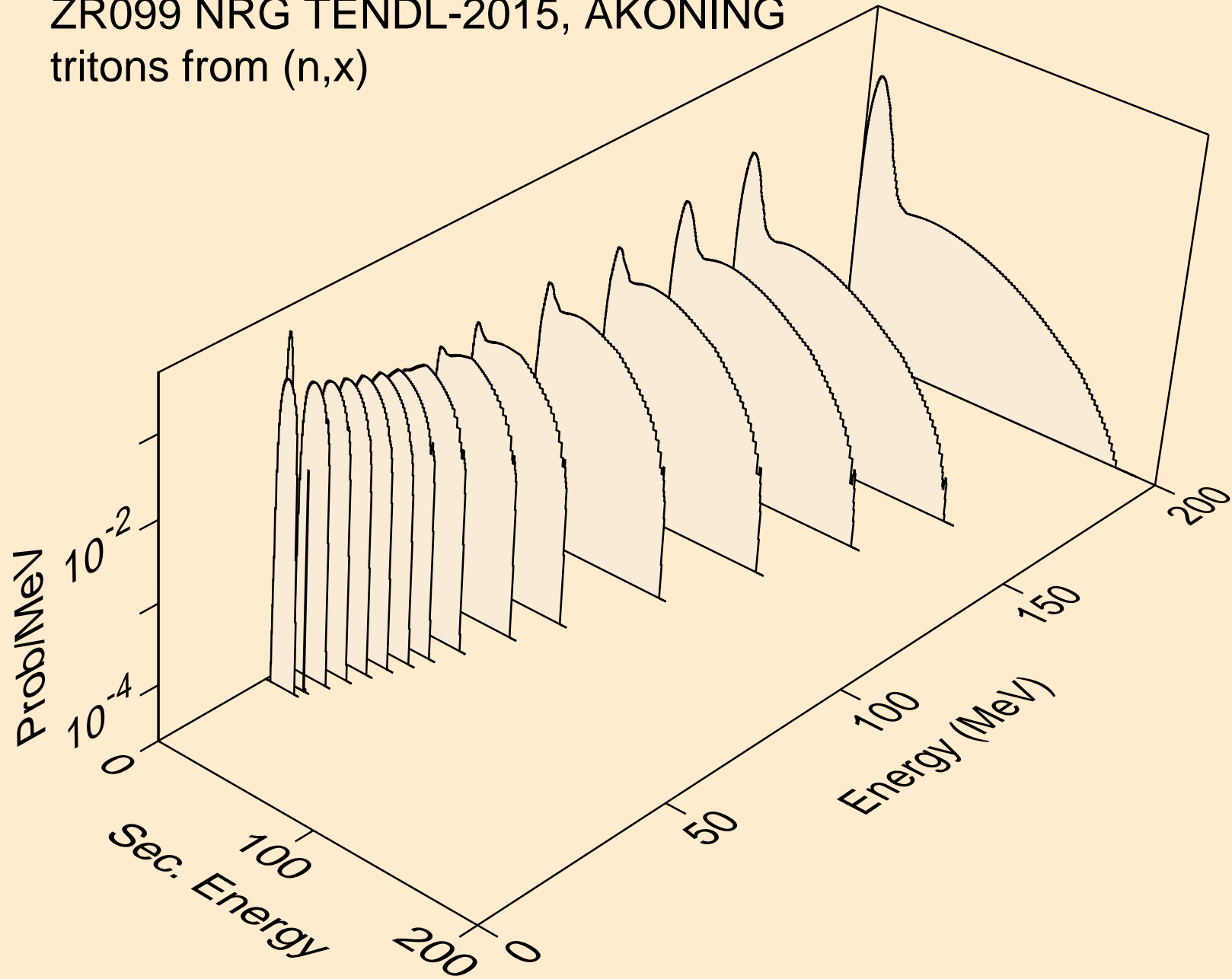


ZR099 NRG TENDL-2015, AKONING  
deuterons from (n,d)

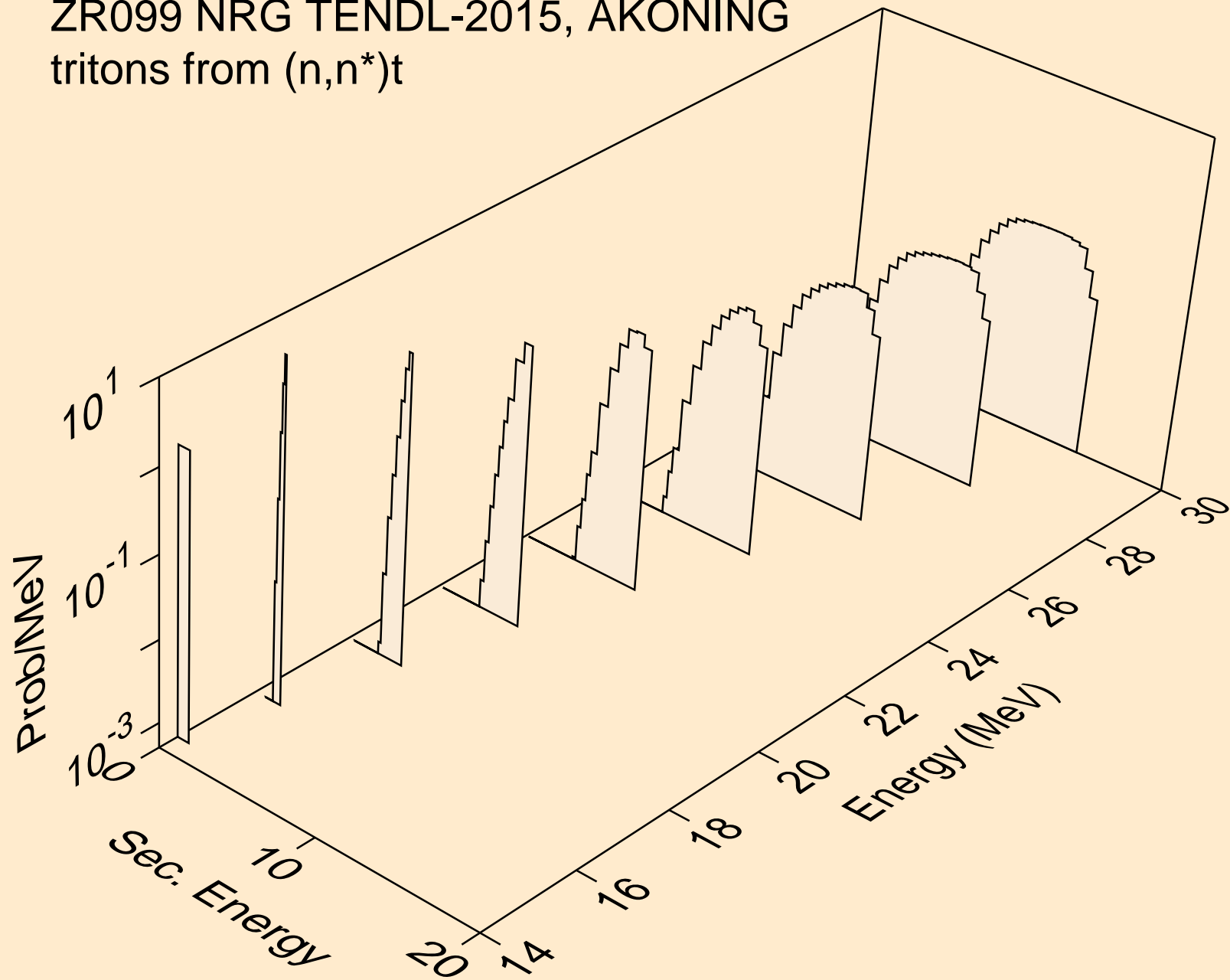




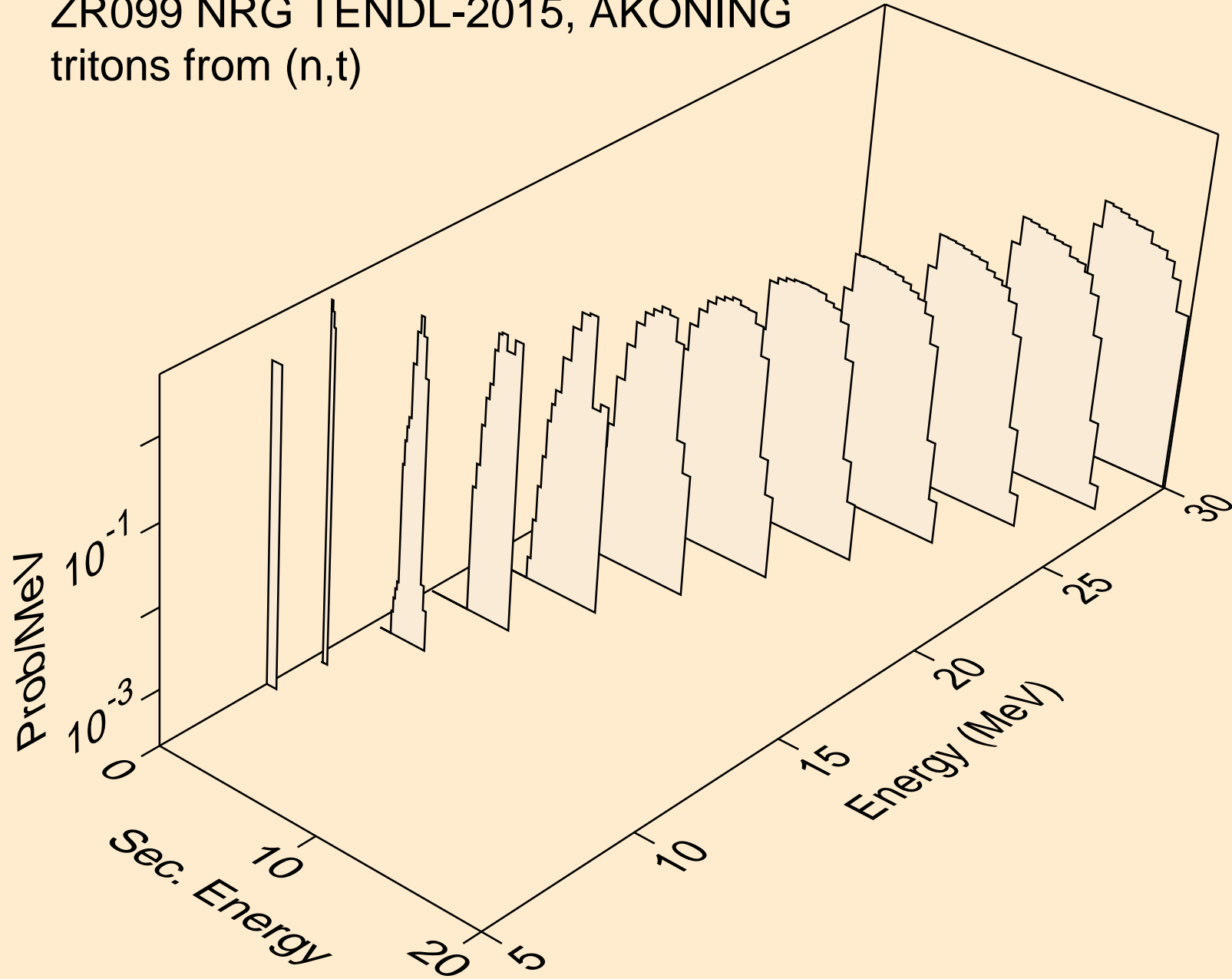
ZR099 NRG TENDL-2015, AKONING  
tritons from (n,x)



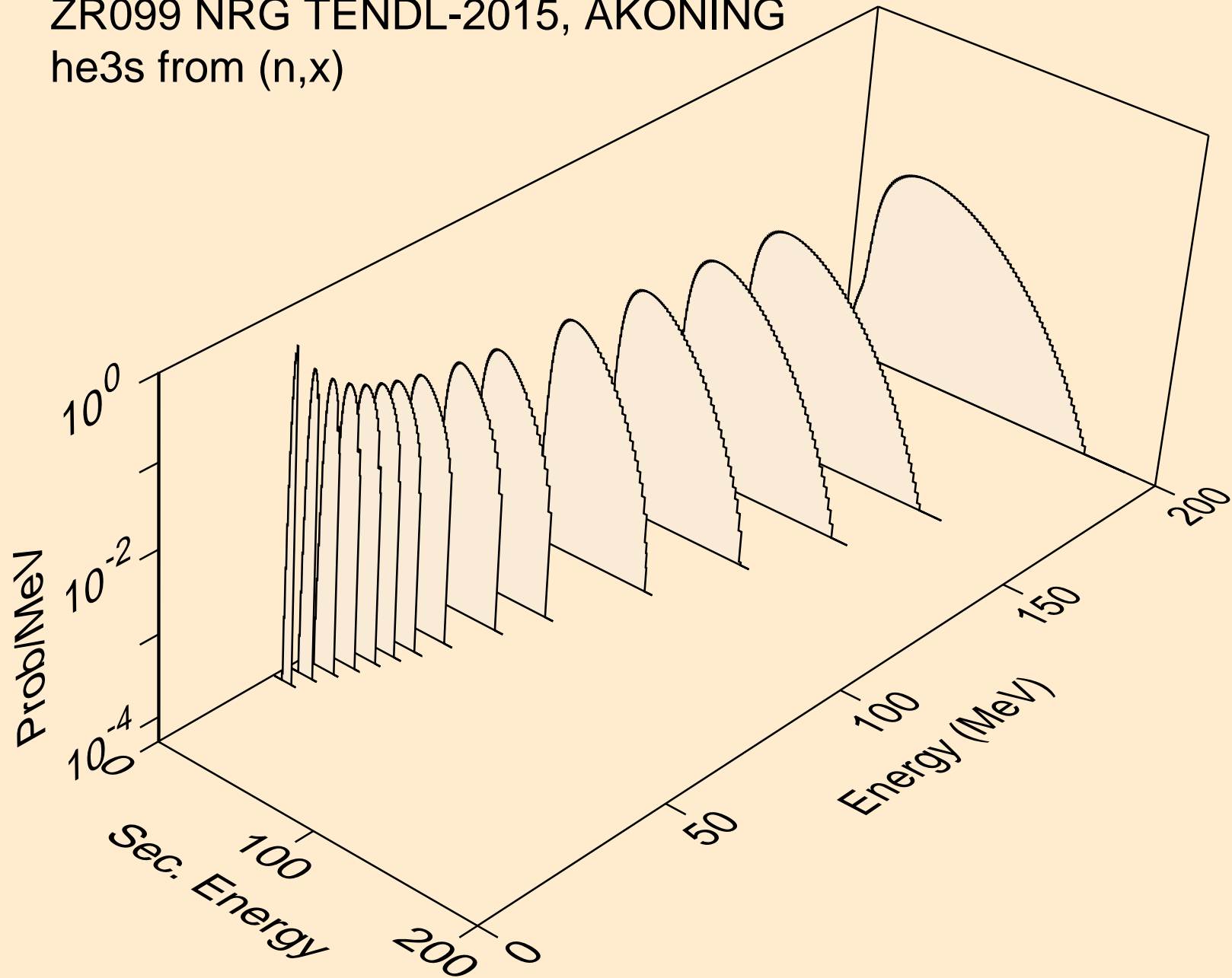
ZR099 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



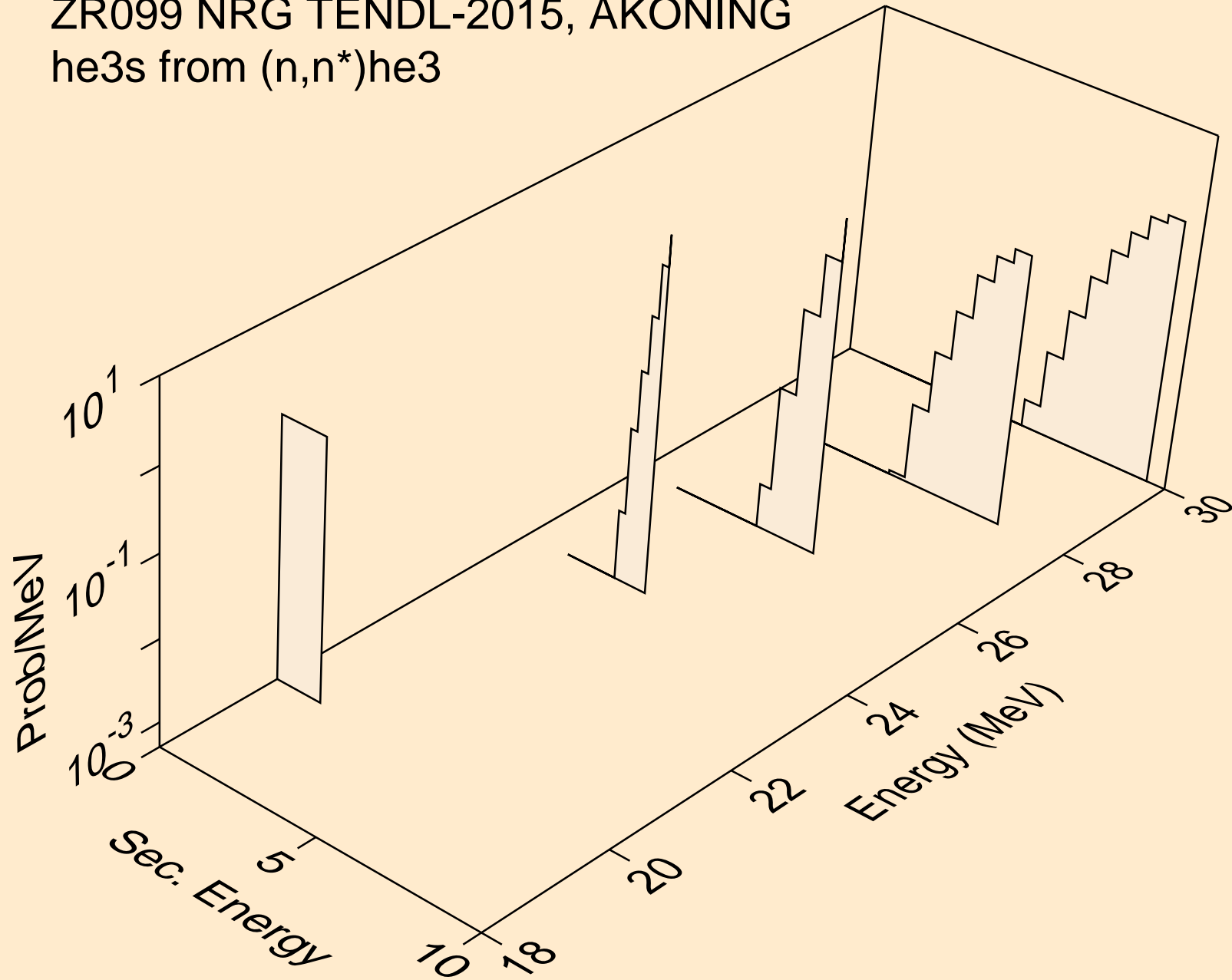
ZR099 NRG TENDL-2015, AKONING  
tritons from (n,t)



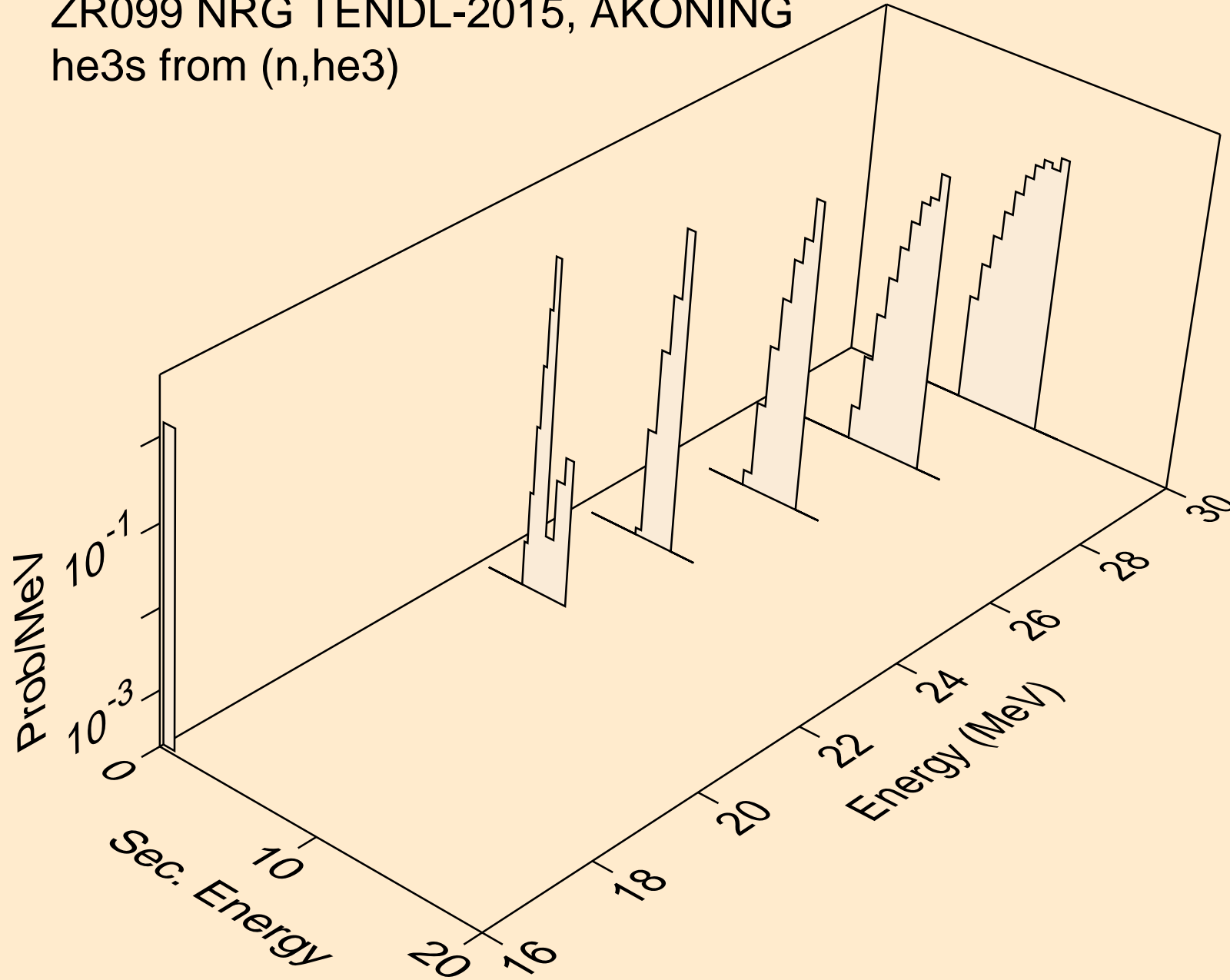
ZR099 NRG TENDL-2015, AKONING  
he3s from (n,x)



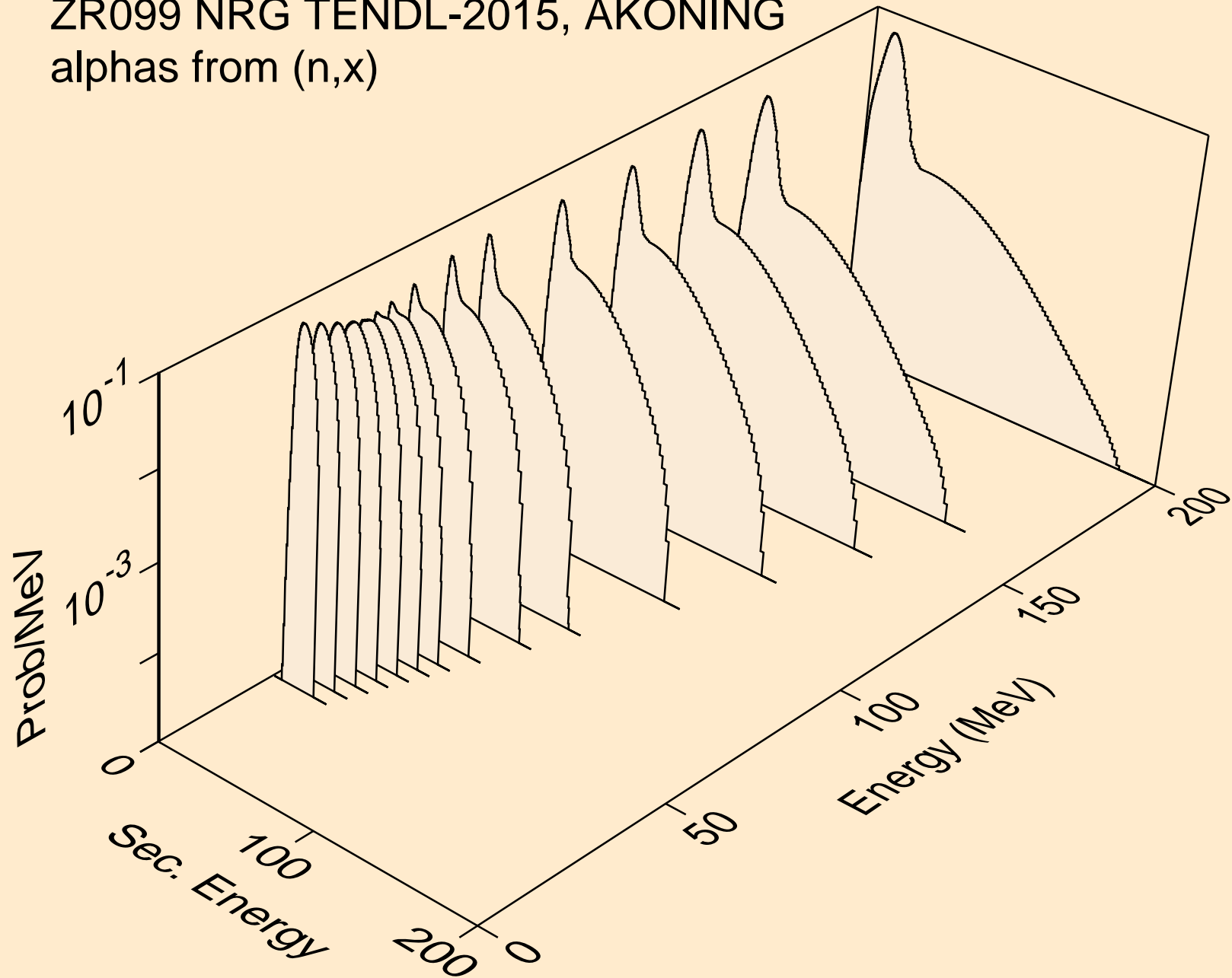
ZR099 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



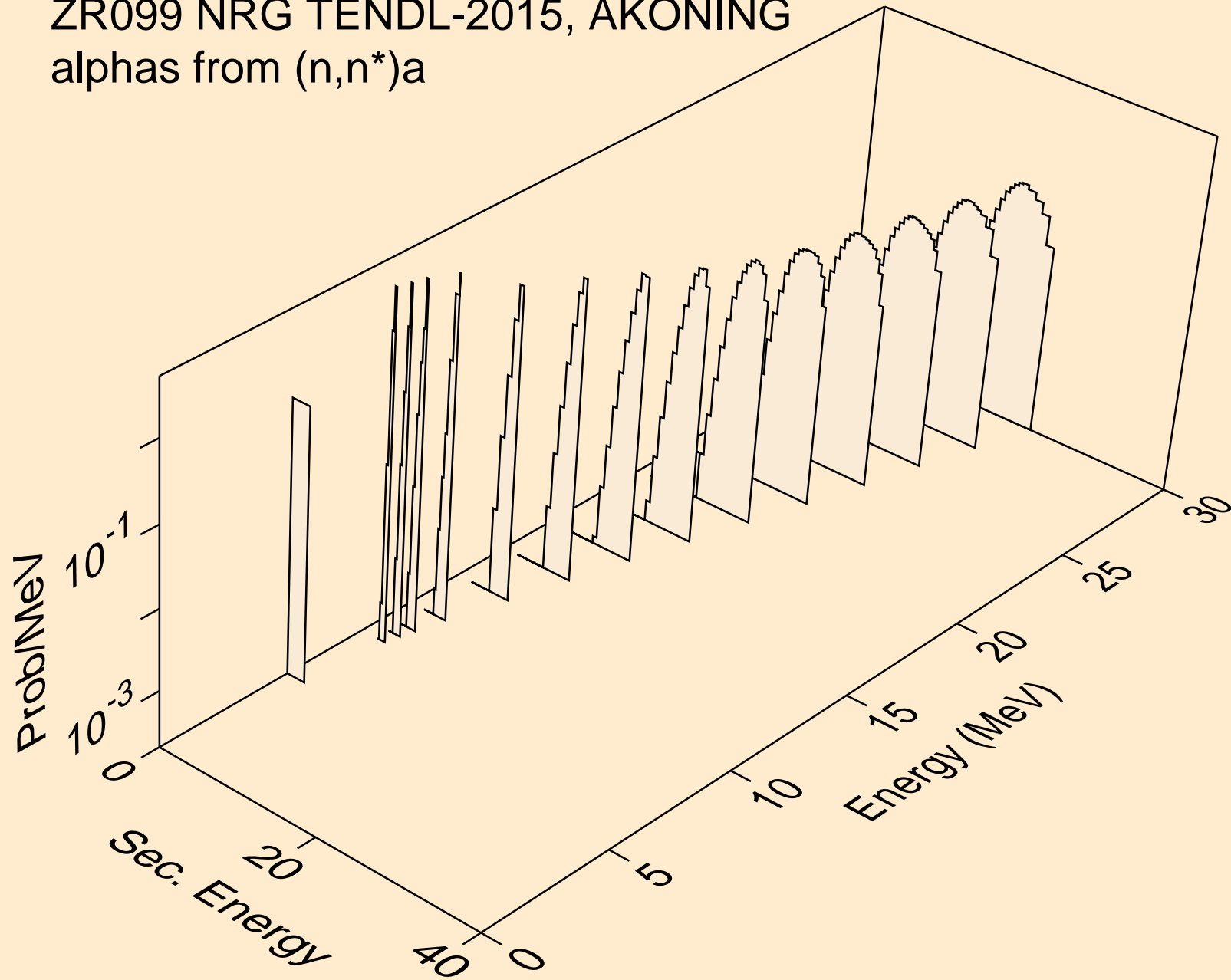
ZR099 NRG TENDL-2015, AKONING  
he3s from (n,he3)



ZR099 NRG TENDL-2015, AKONING  
alphas from (n,x)

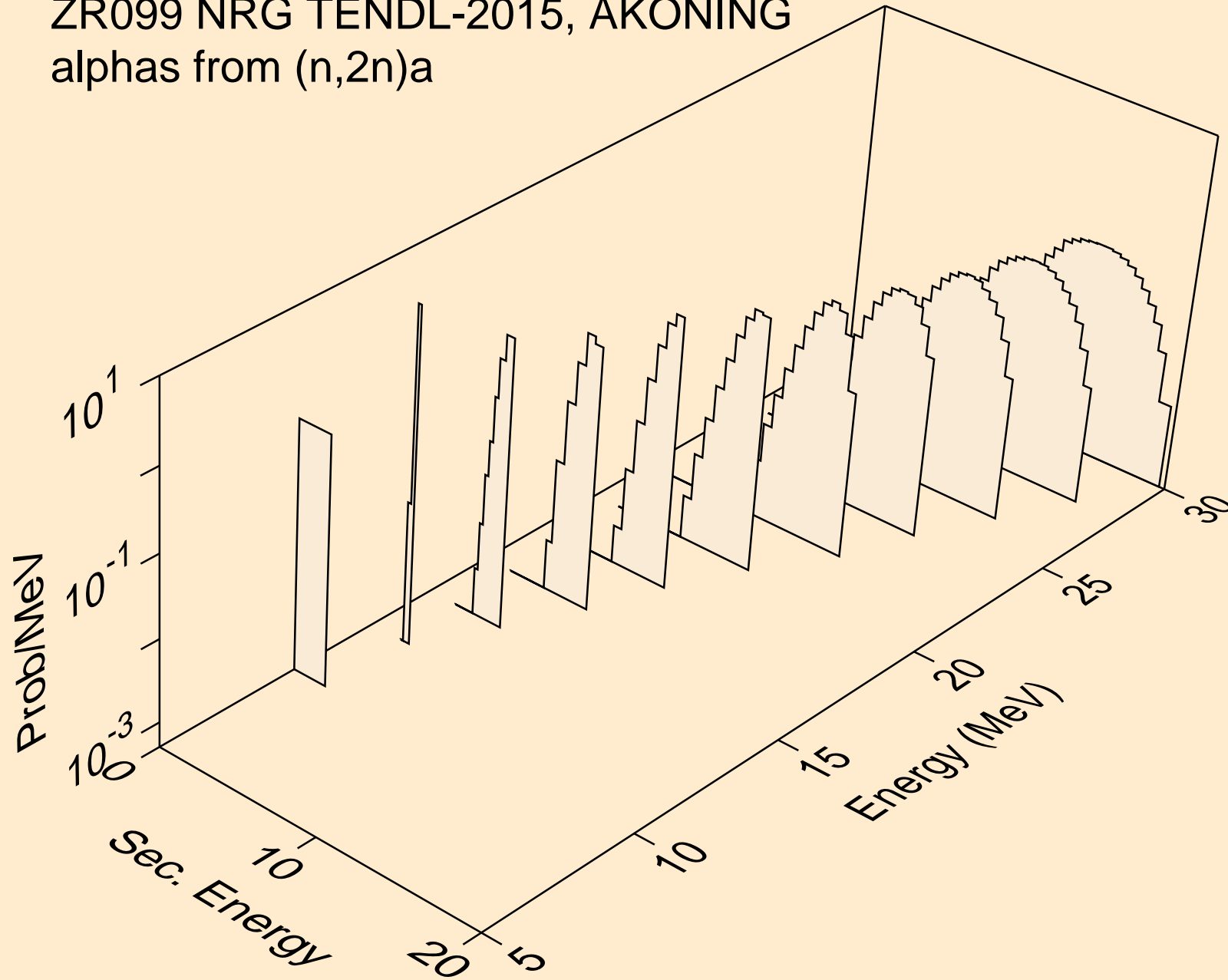


ZR099 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

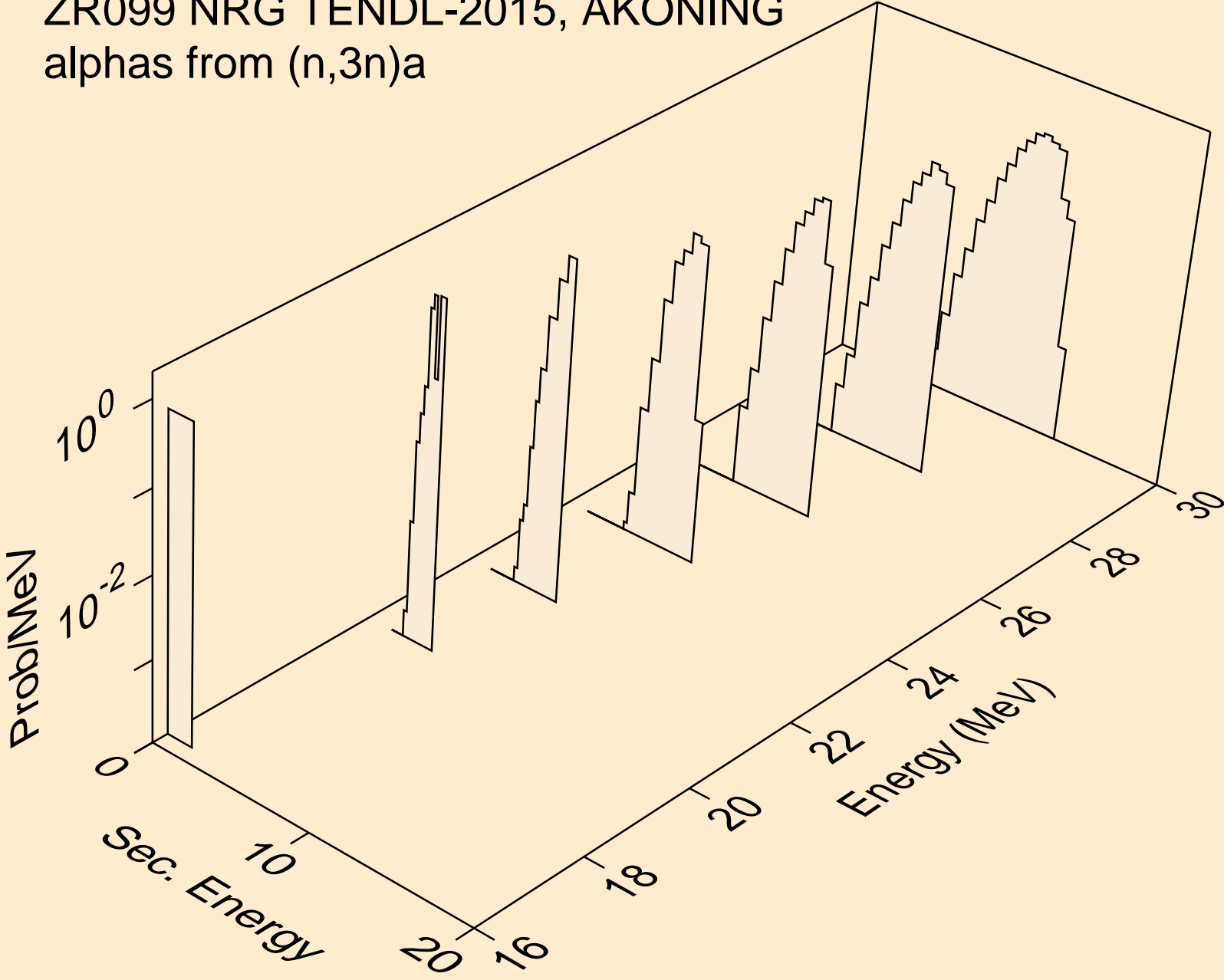




ZR099 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ZR099 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ZR099 NRG TENDL-2015, AKONING  
alphas from (n,a)

