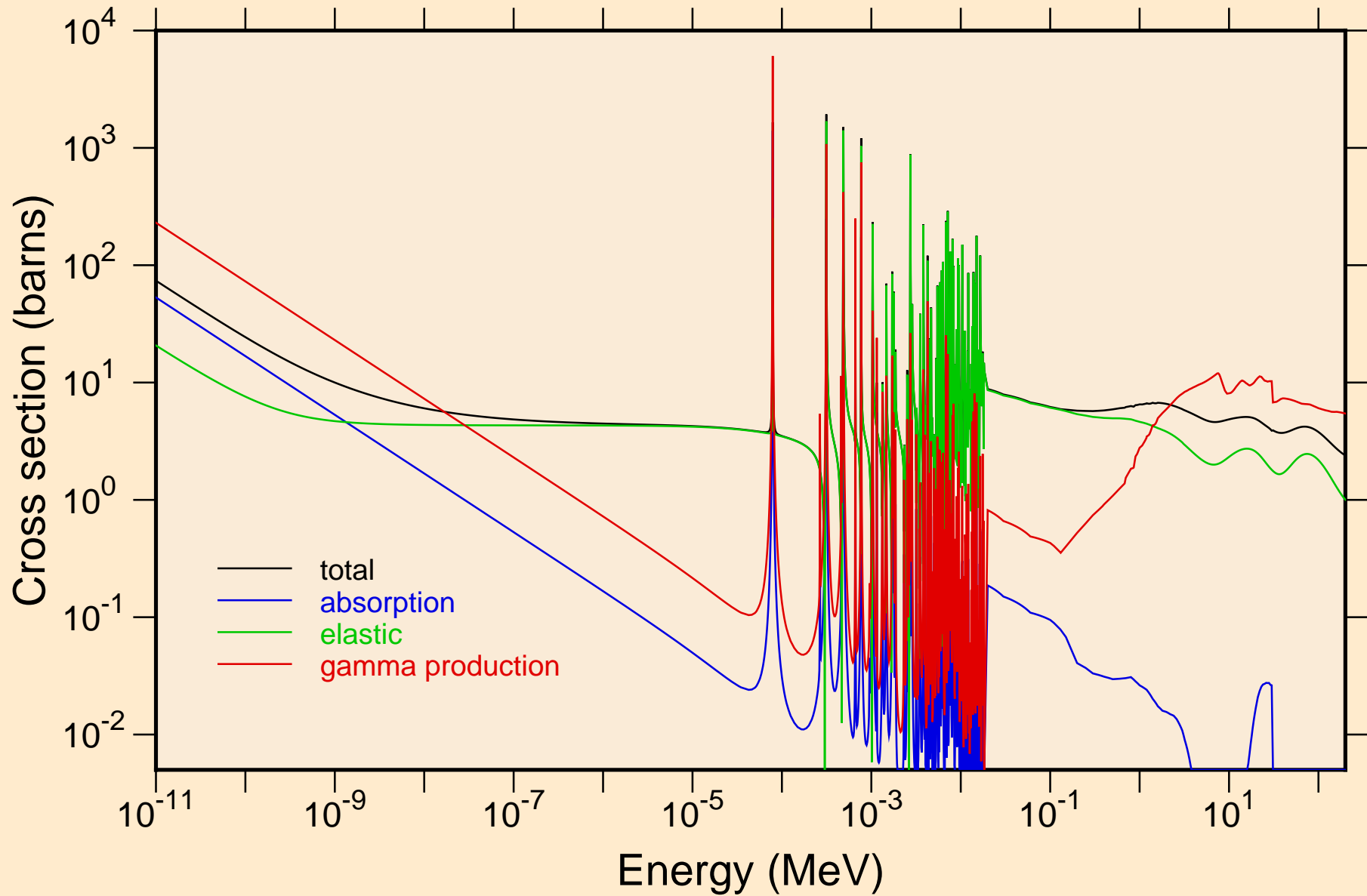
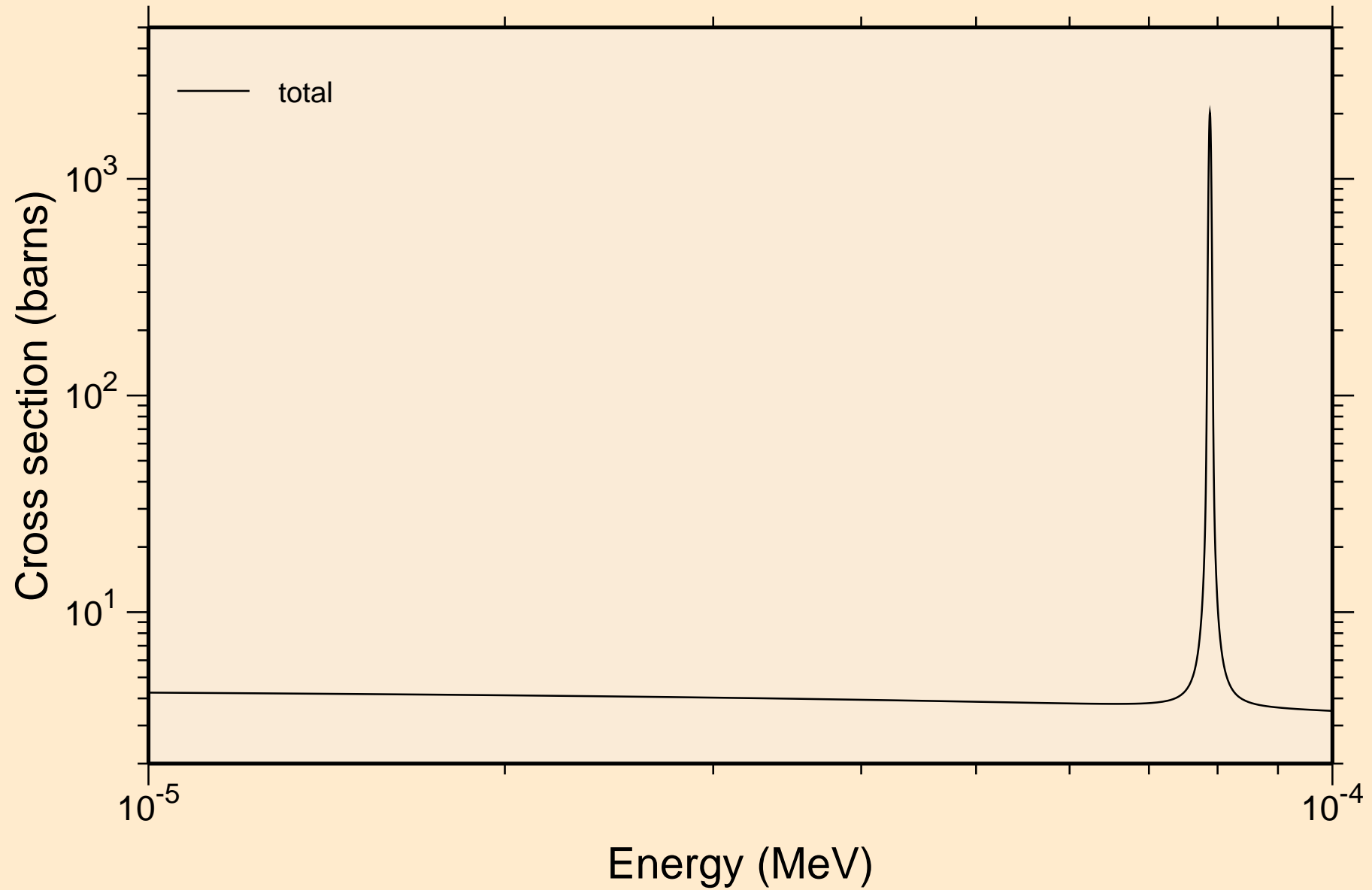


# ND150 NRG TENDL-2015, AKONING

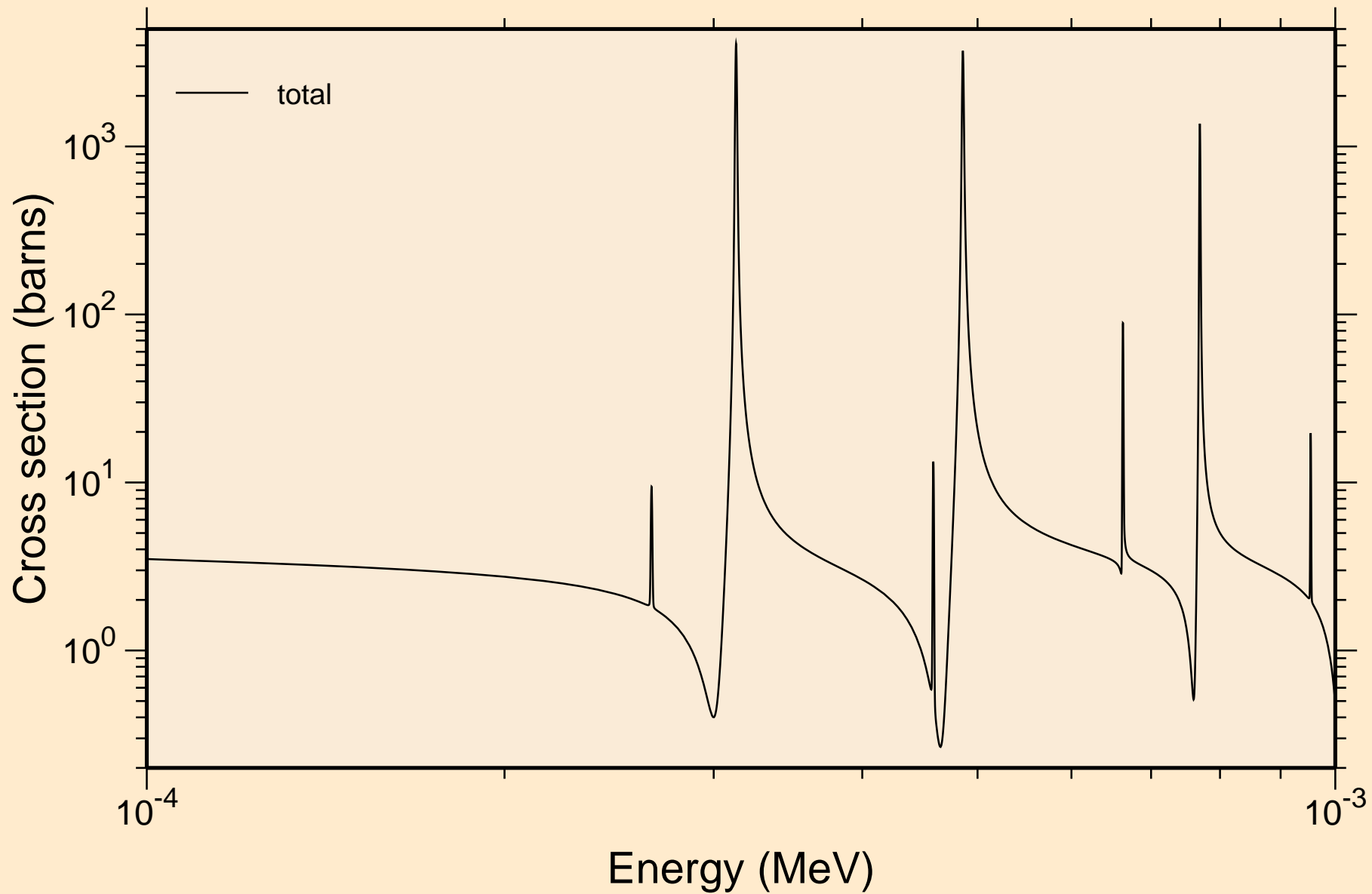
## Principal cross sections



ND150 NRG TENDL-2015, AKONING  
resonance total cross section

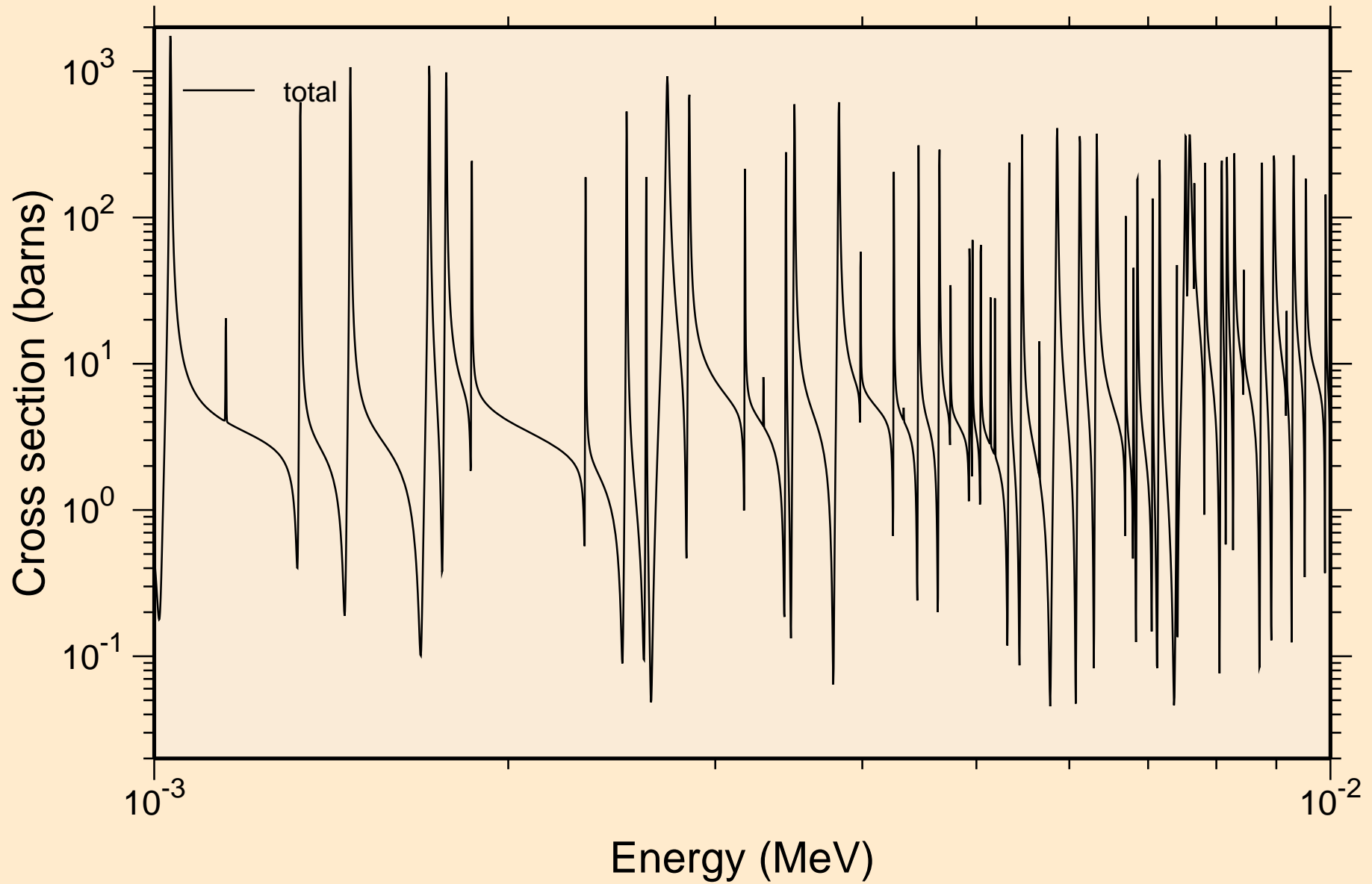


ND150 NRG TENDL-2015, AKONING  
resonance total cross section

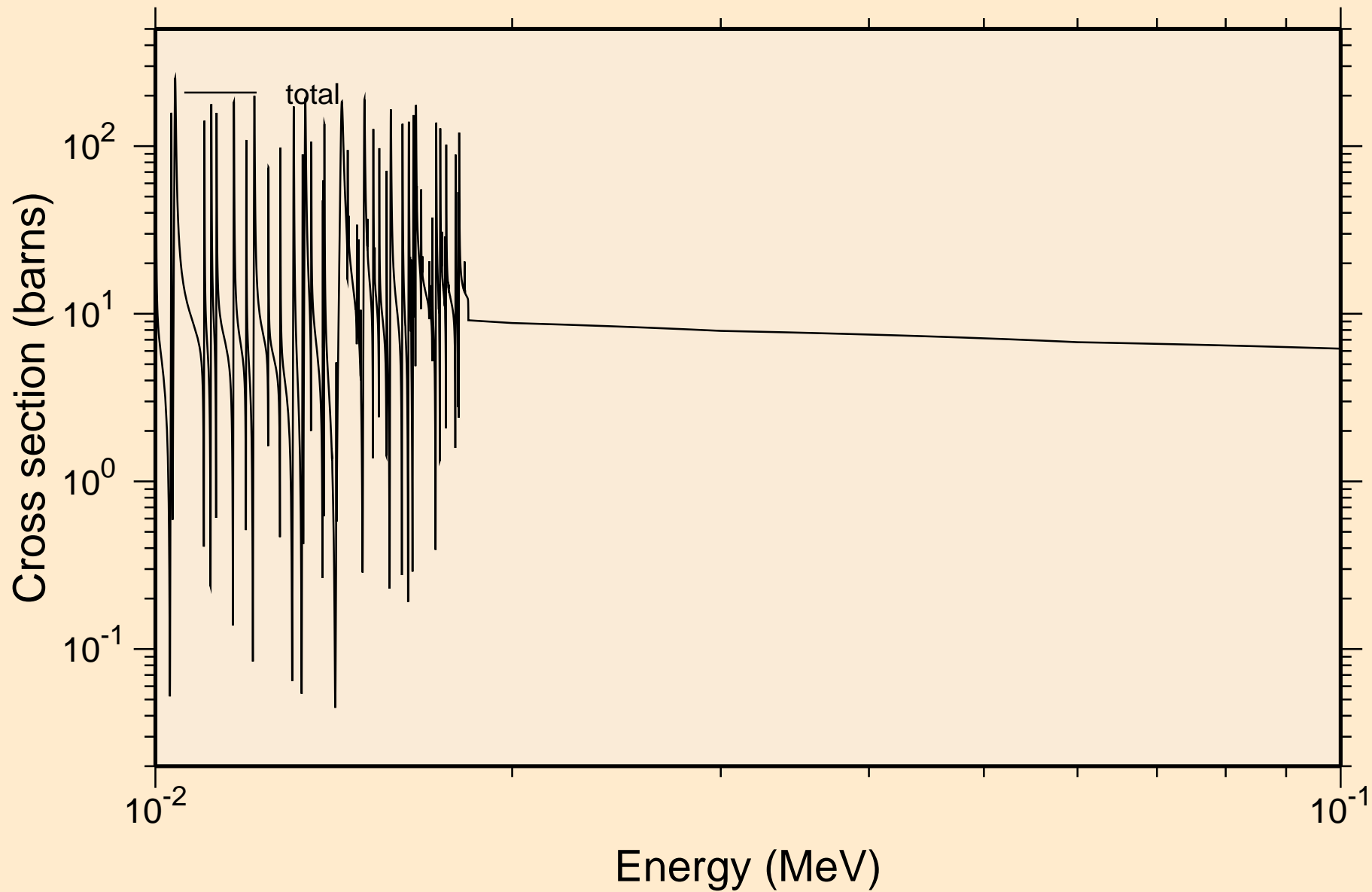


# ND150 NRG TENDL-2015, AKONING

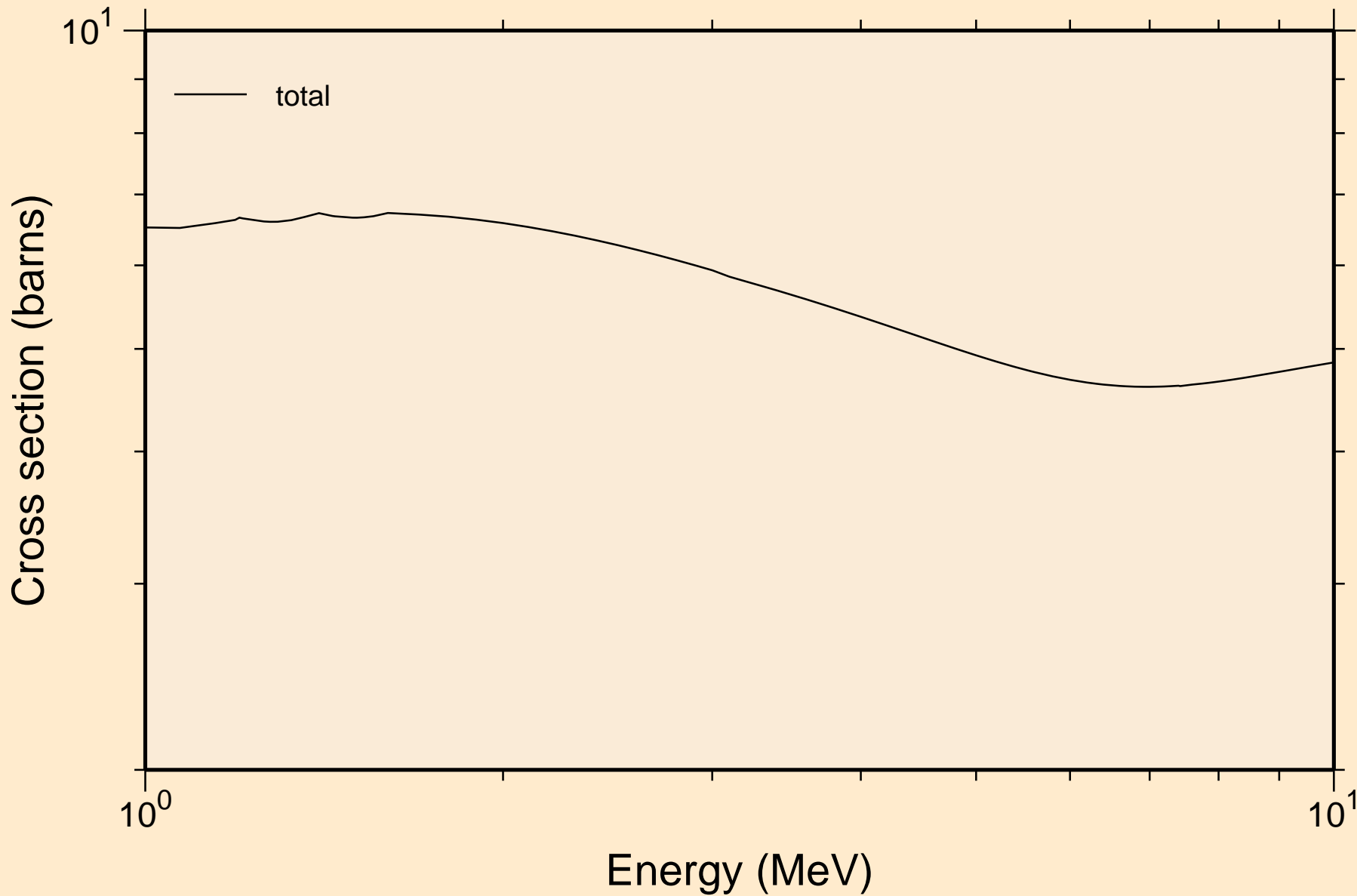
## resonance total cross section



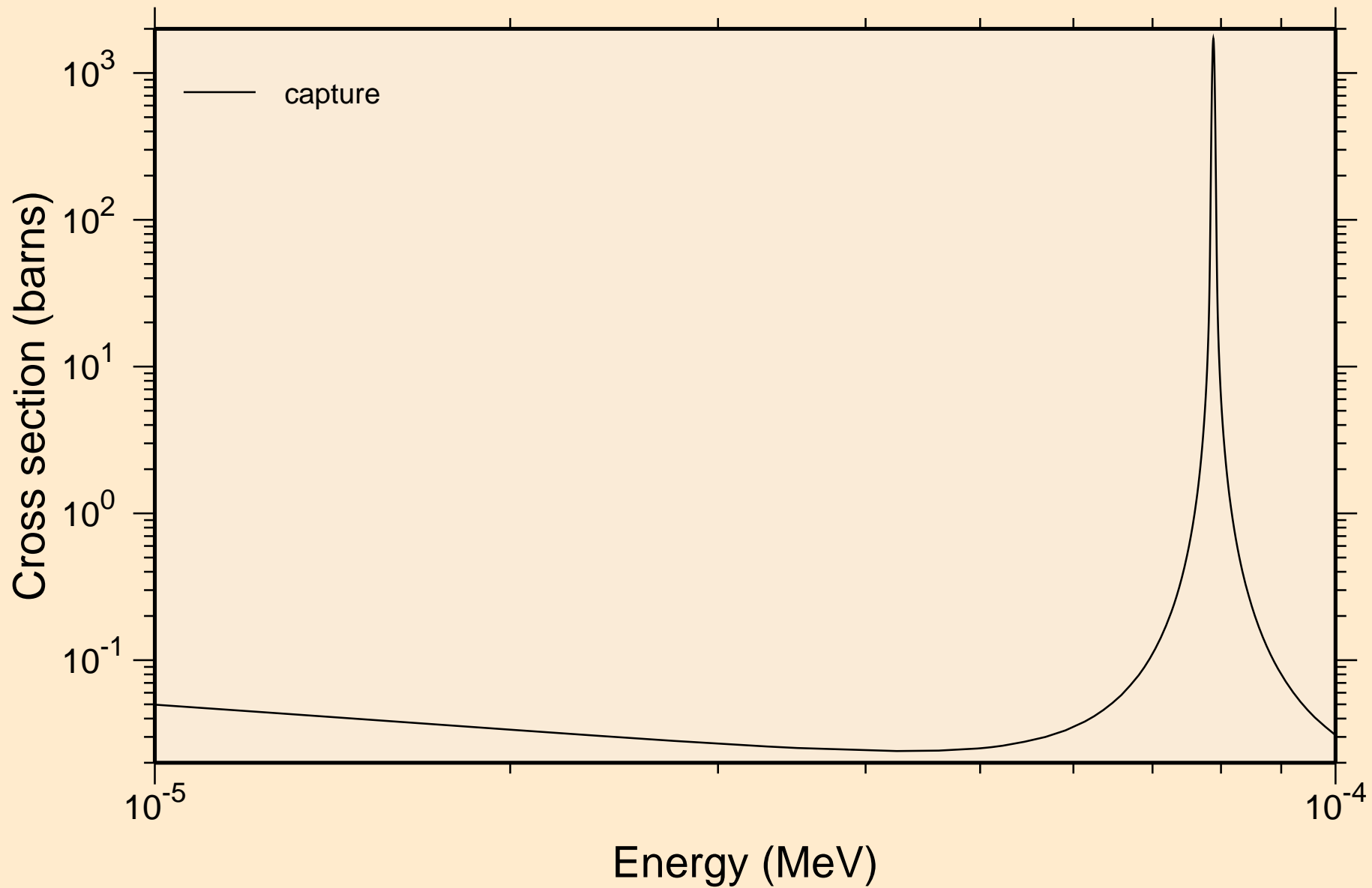
ND150 NRG TENDL-2015, AKONING  
resonance total cross section



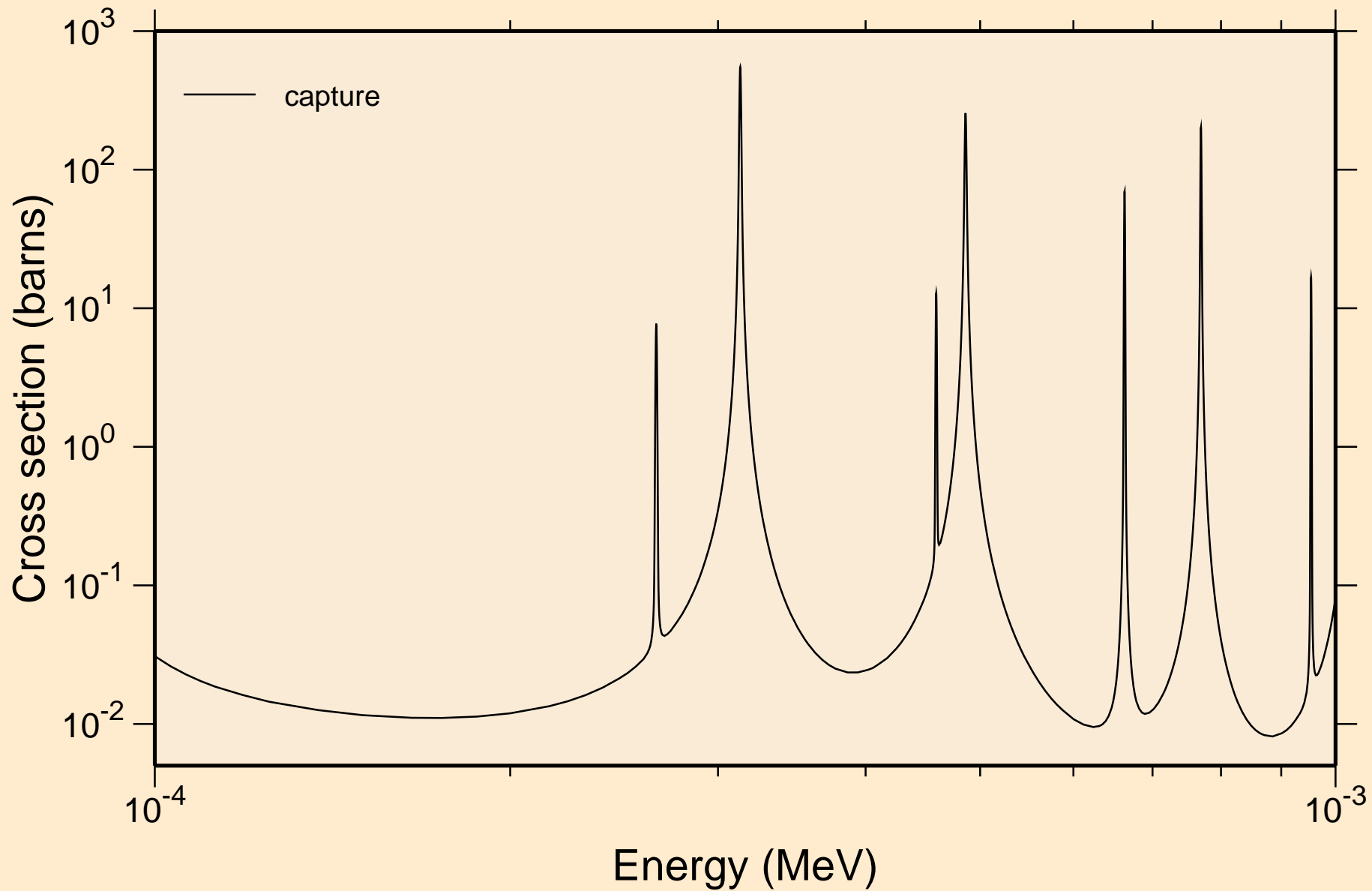
ND150 NRG TENDL-2015, AKONING  
resonance total cross section



ND150 NRG TENDL-2015, AKONING  
resonance absorption cross sections

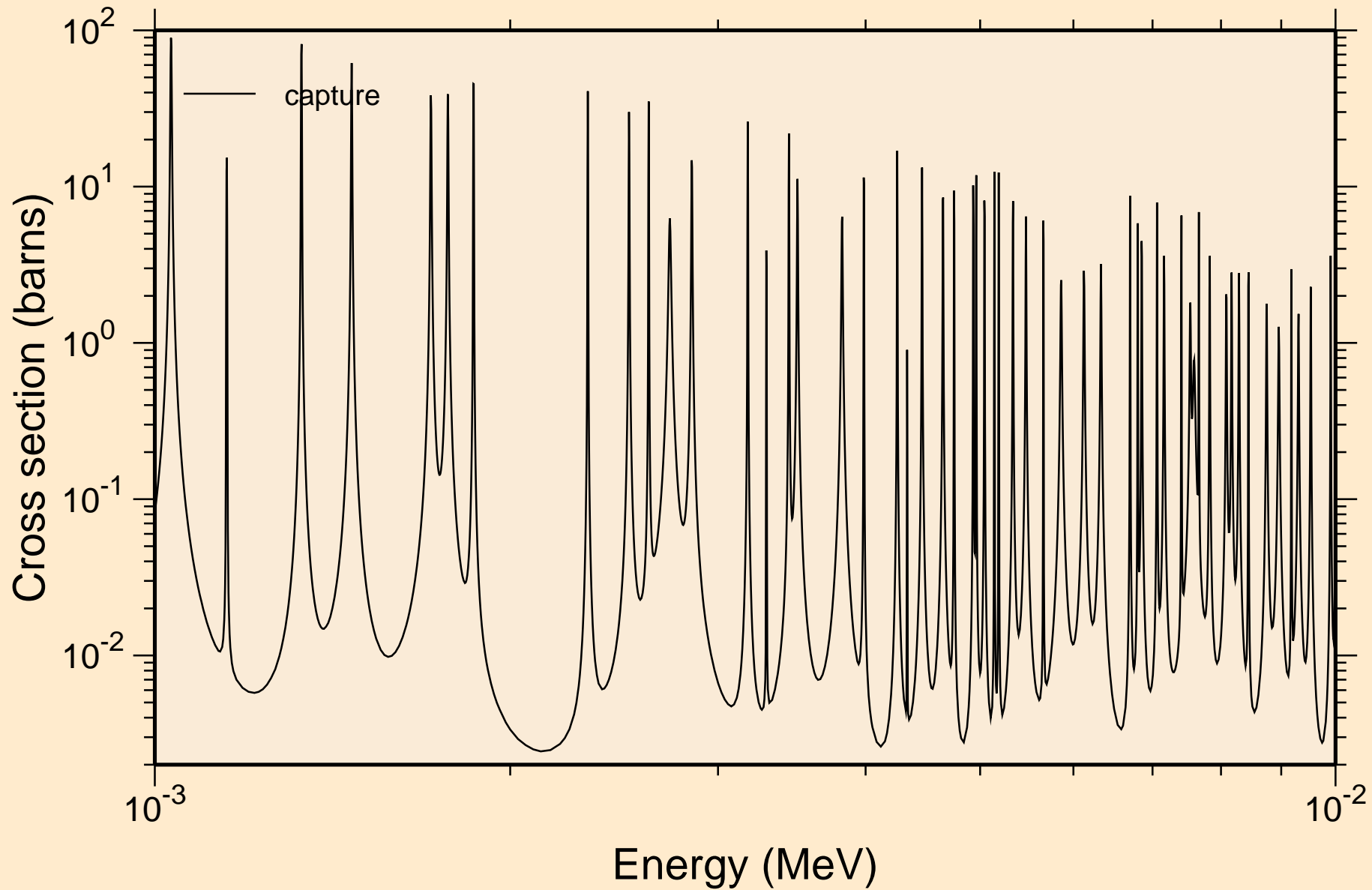


# ND150 NRG TENDL-2015, AKONING resonance absorption cross sections

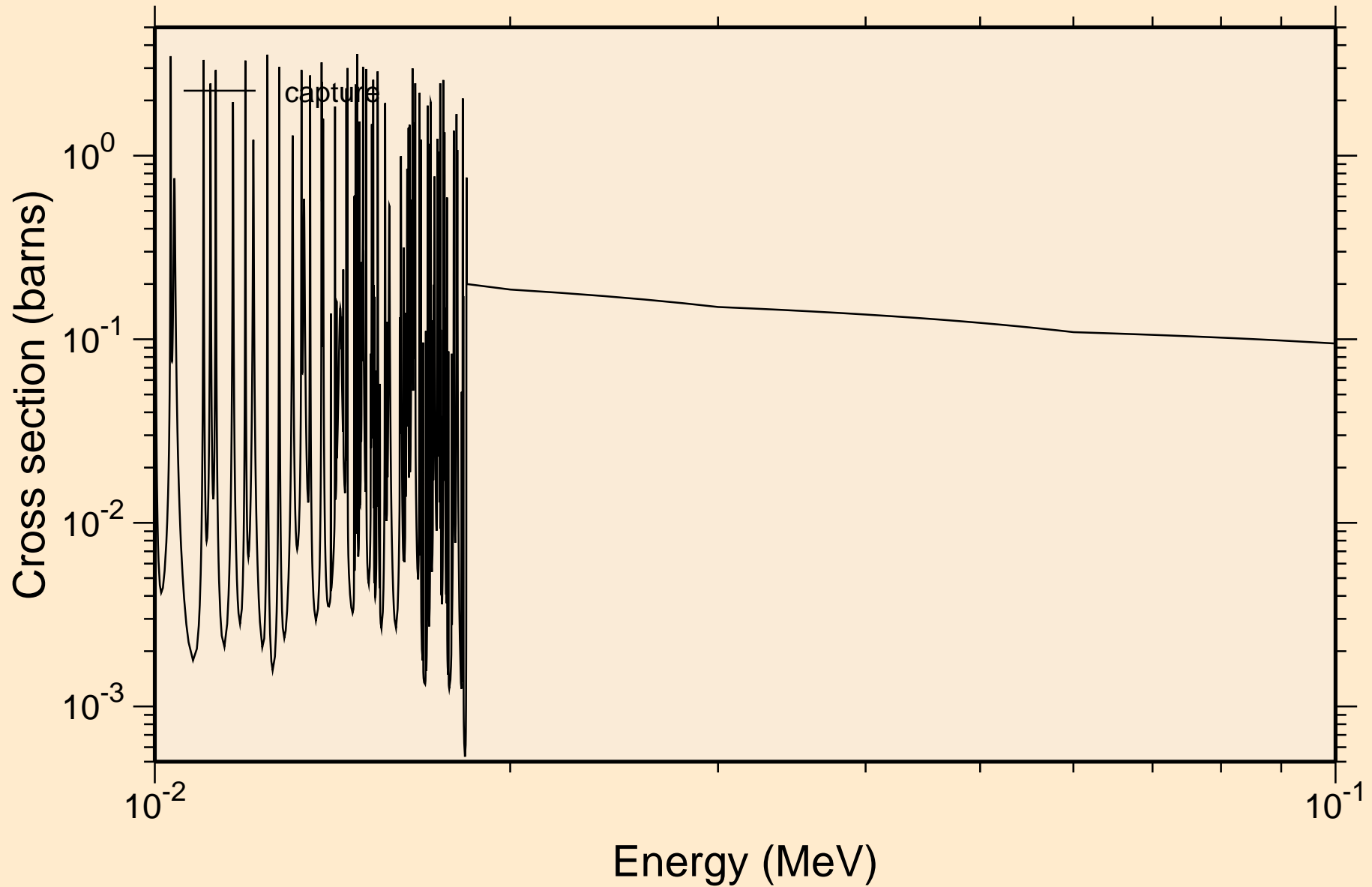




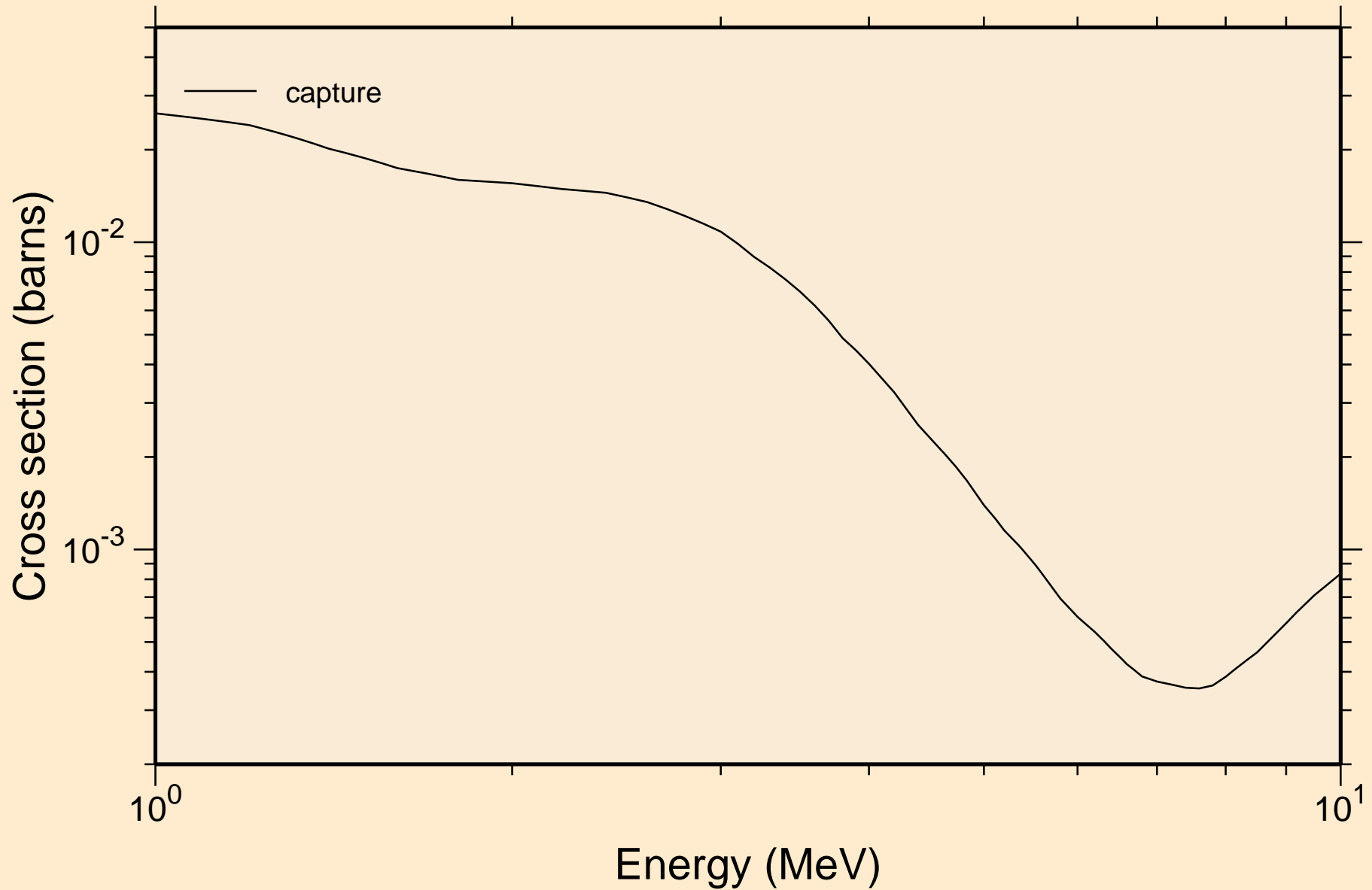
# ND150 NRG TENDL-2015, AKONING resonance absorption cross sections



ND150 NRG TENDL-2015, AKONING  
resonance absorption cross sections

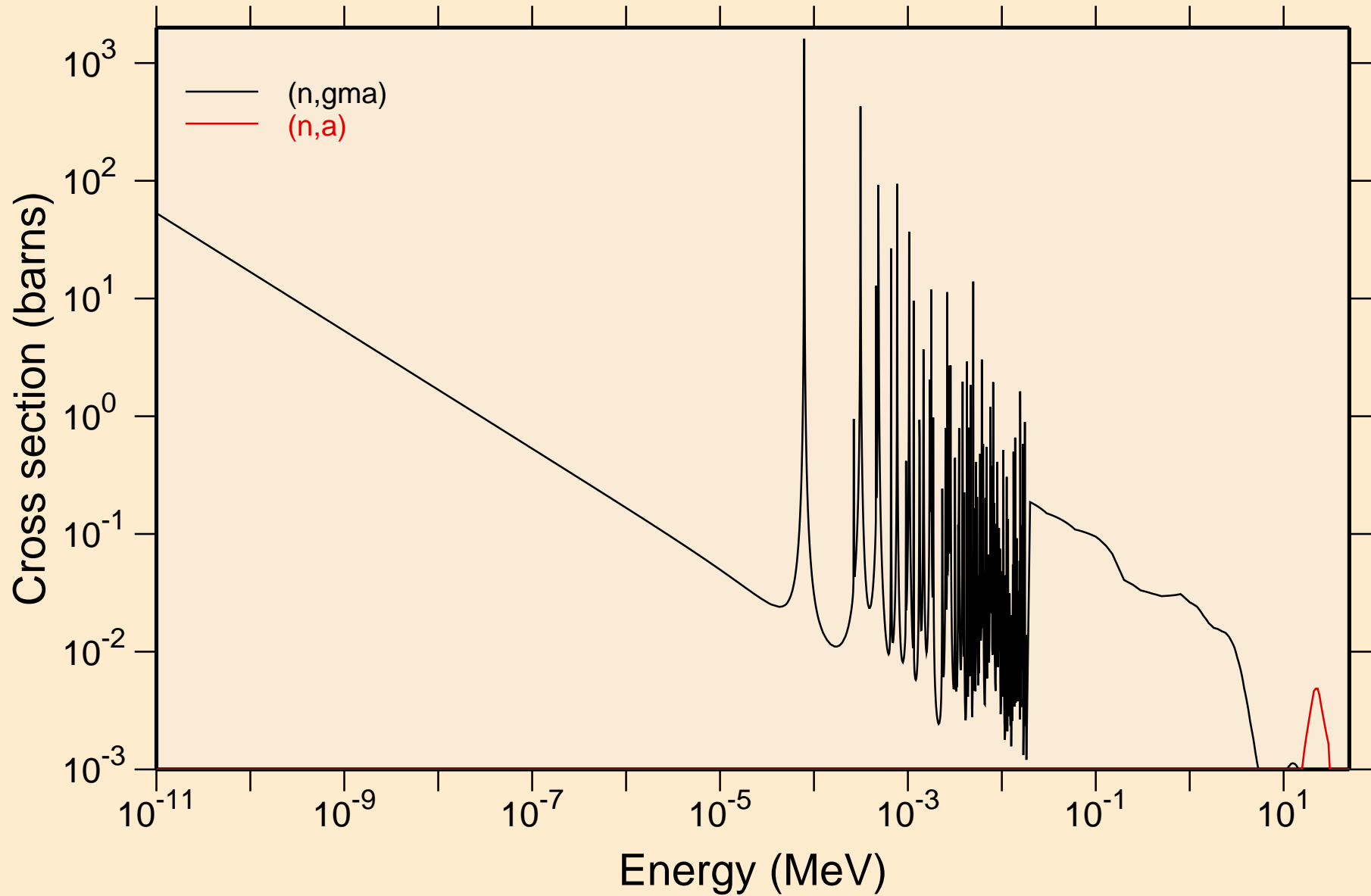


ND150 NRG TENDL-2015, AKONING  
resonance absorption cross sections



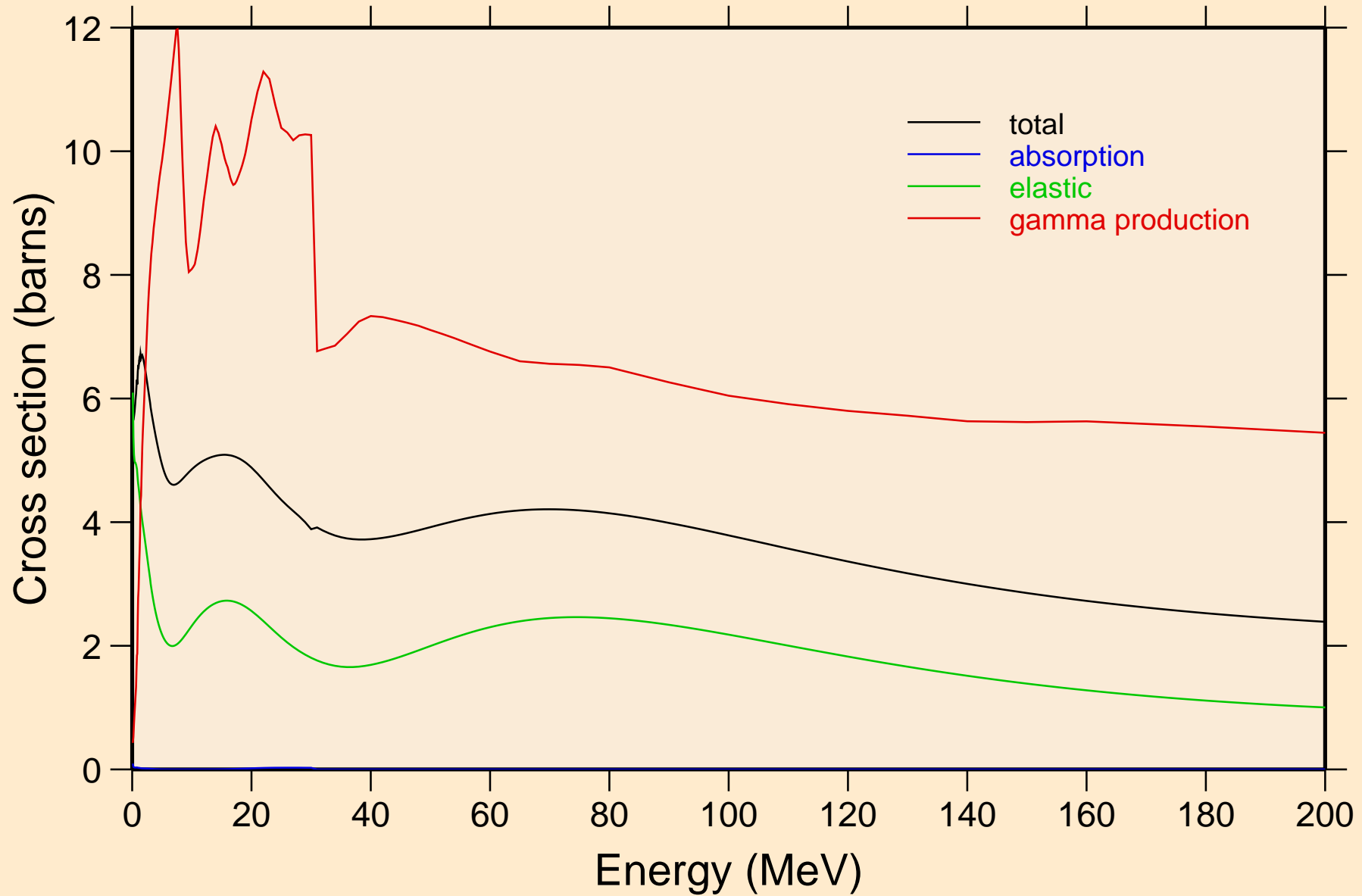
# ND150 NRG TENDL-2015, AKONING

## Non-threshold reactions



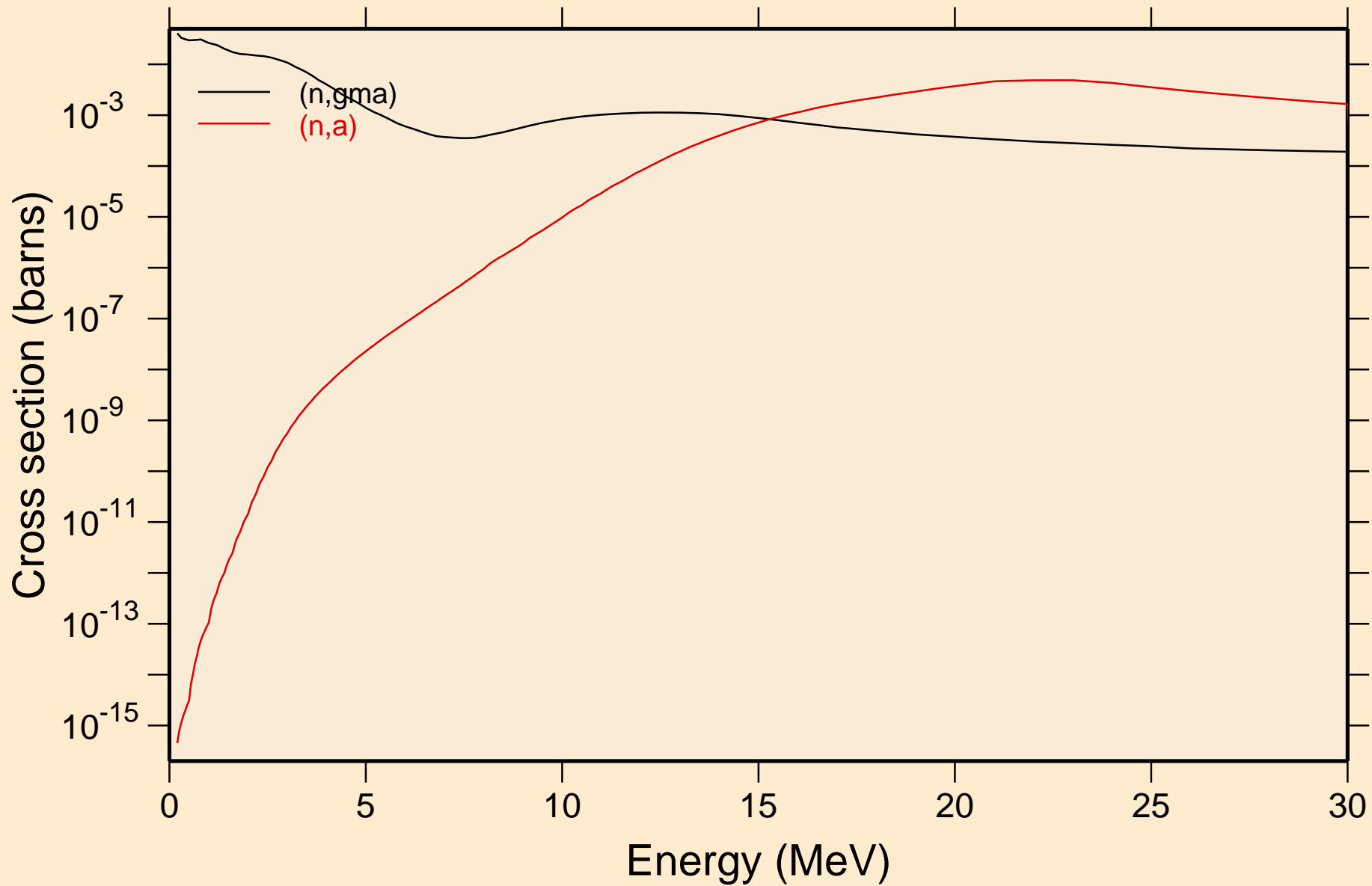
# ND150 NRG TENDL-2015, AKONING

## Principal cross sections



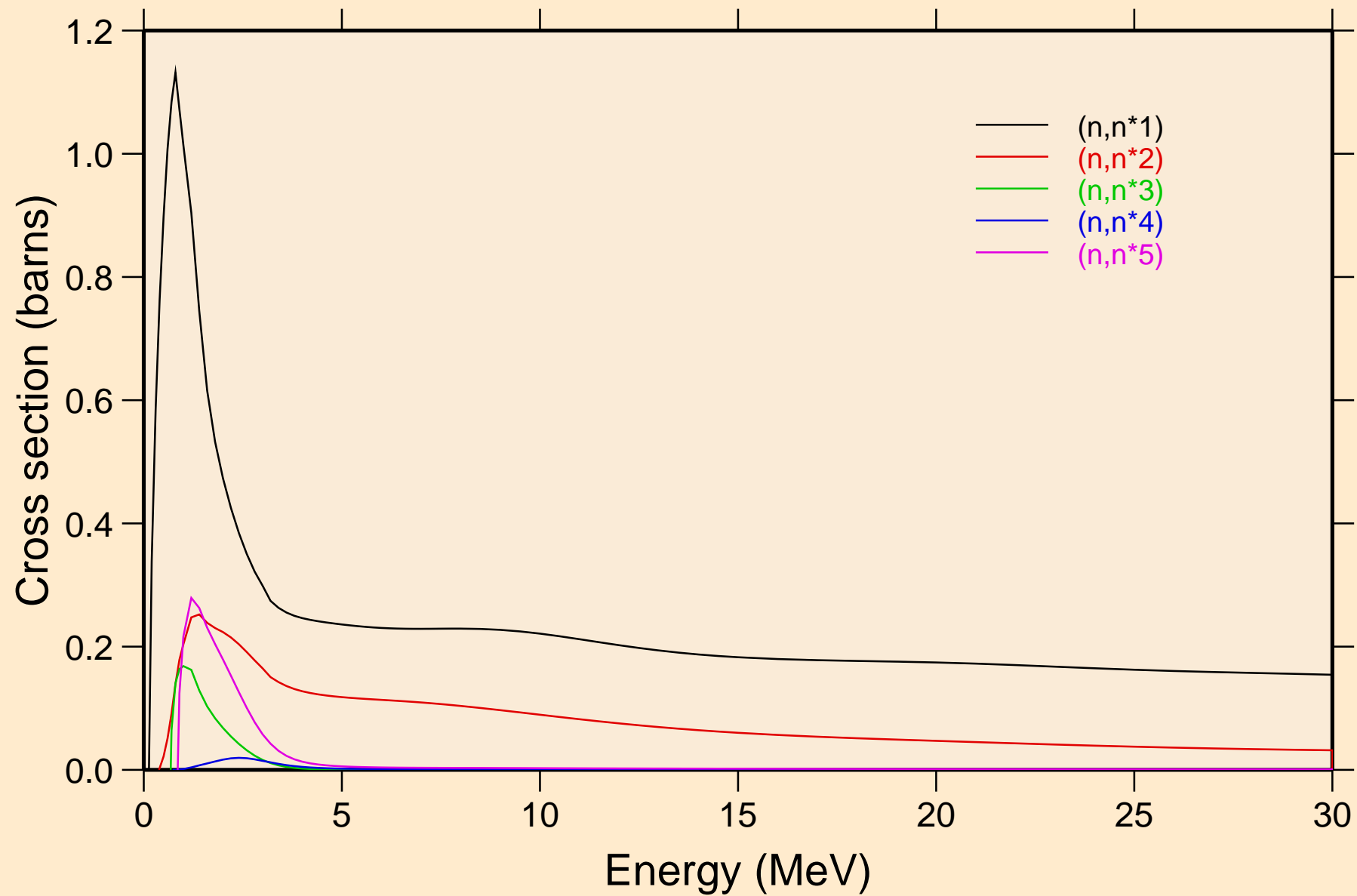
# ND150 NRG TENDL-2015, AKONING

## Non-threshold reactions



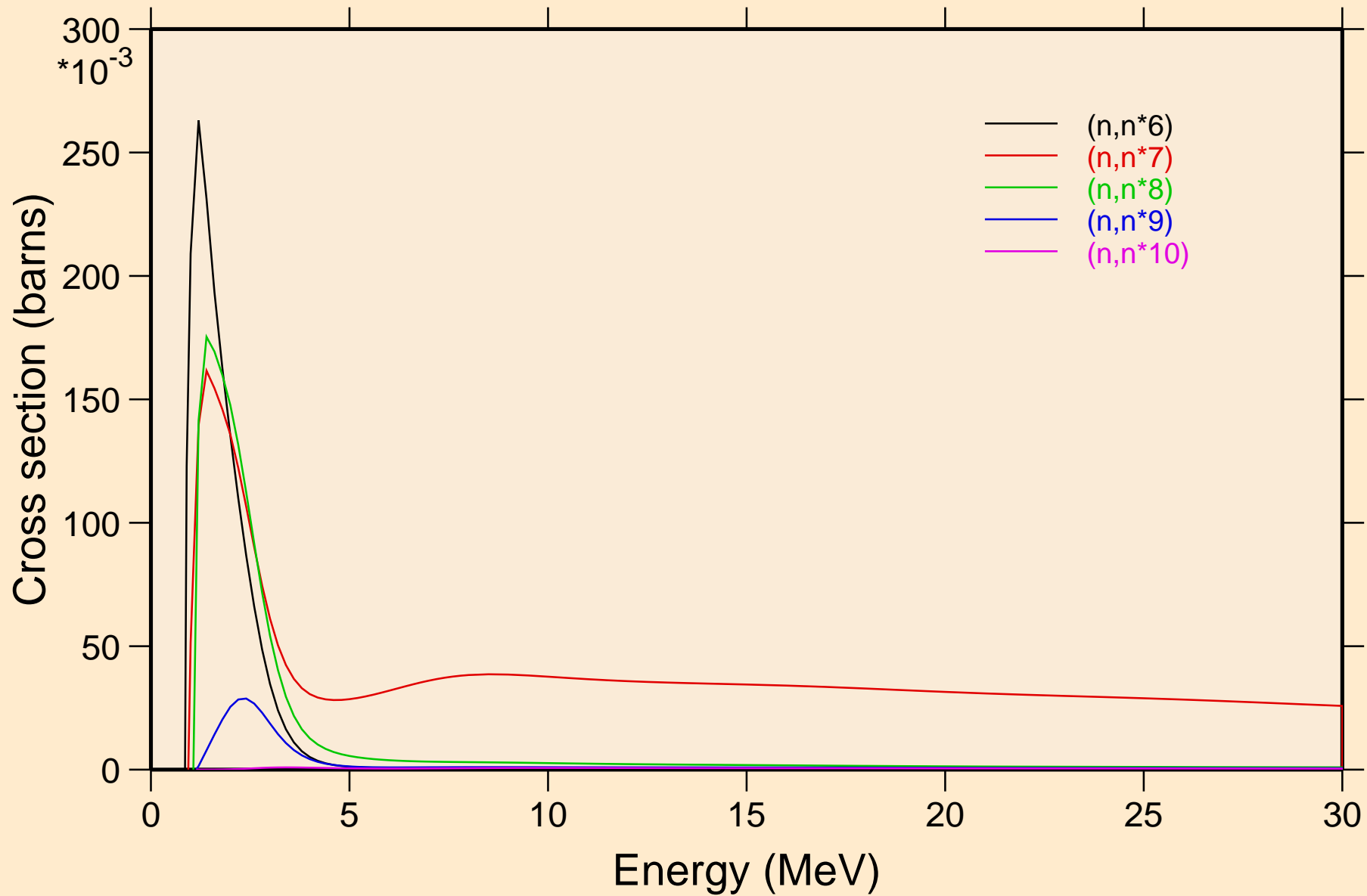
# ND150 NRG TENDL-2015, AKONING

## Inelastic levels



# ND150 NRG TENDL-2015, AKONING

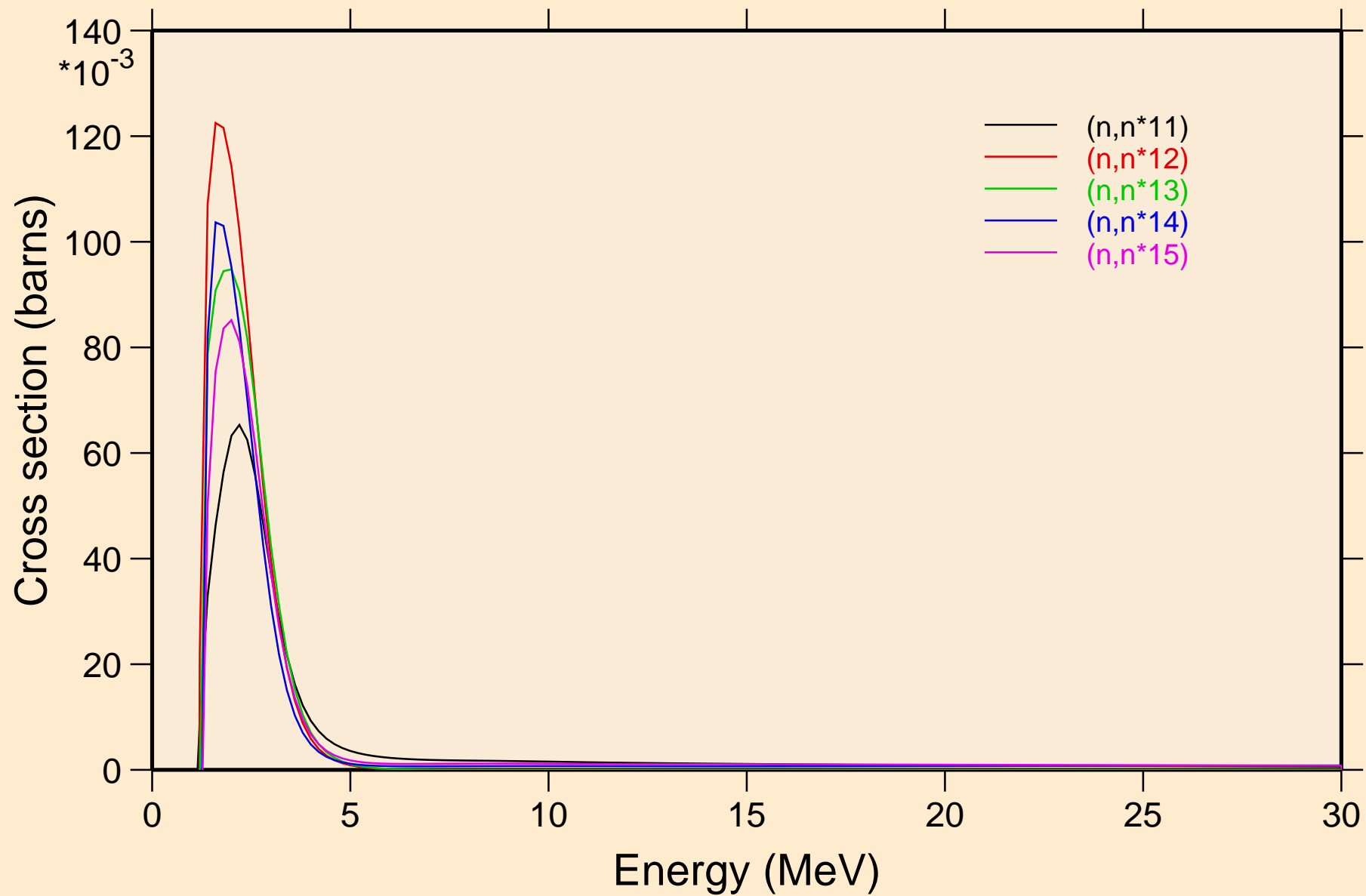
## Inelastic levels





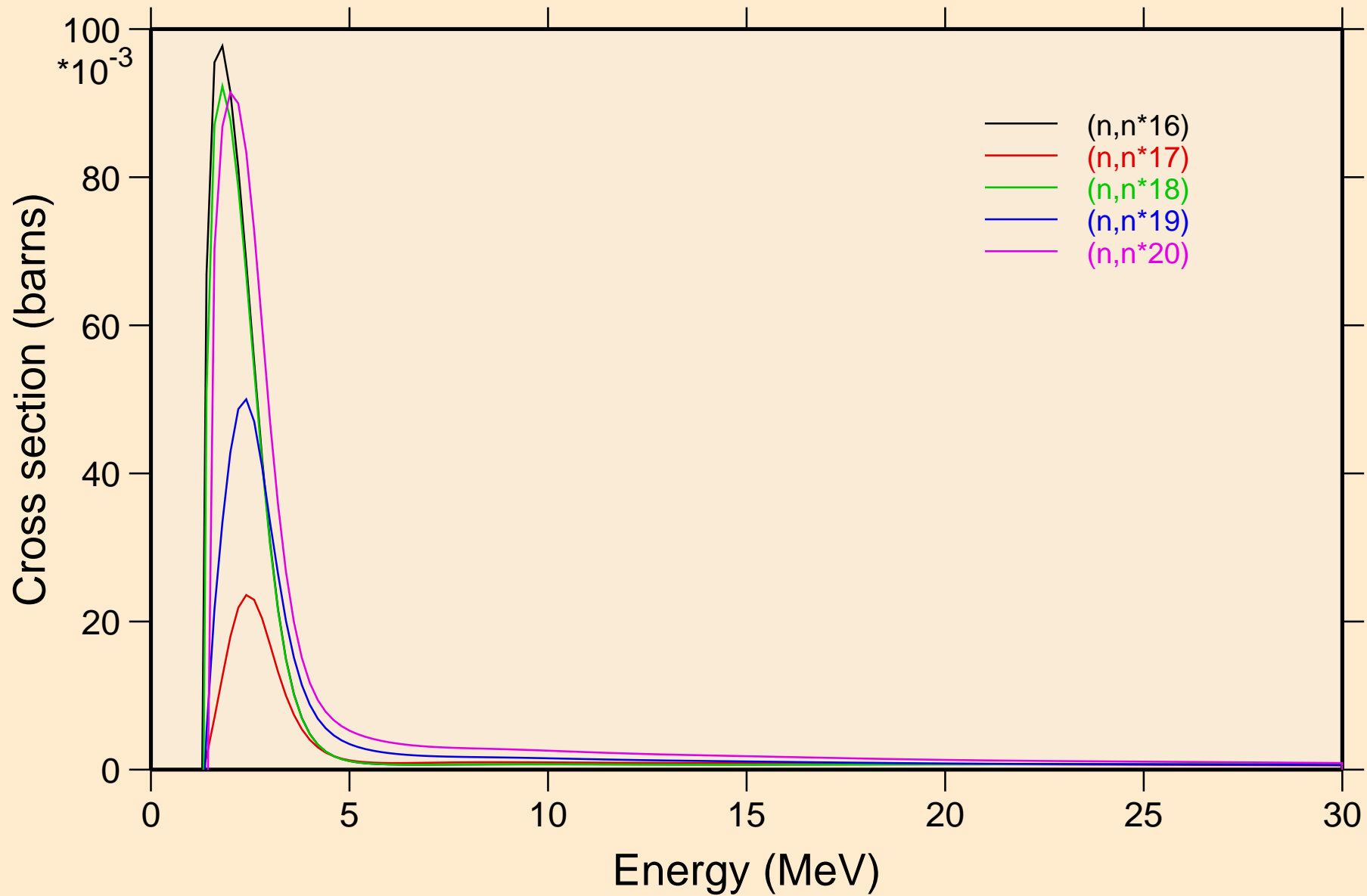
# ND150 NRG TENDL-2015, AKONING

## Inelastic levels



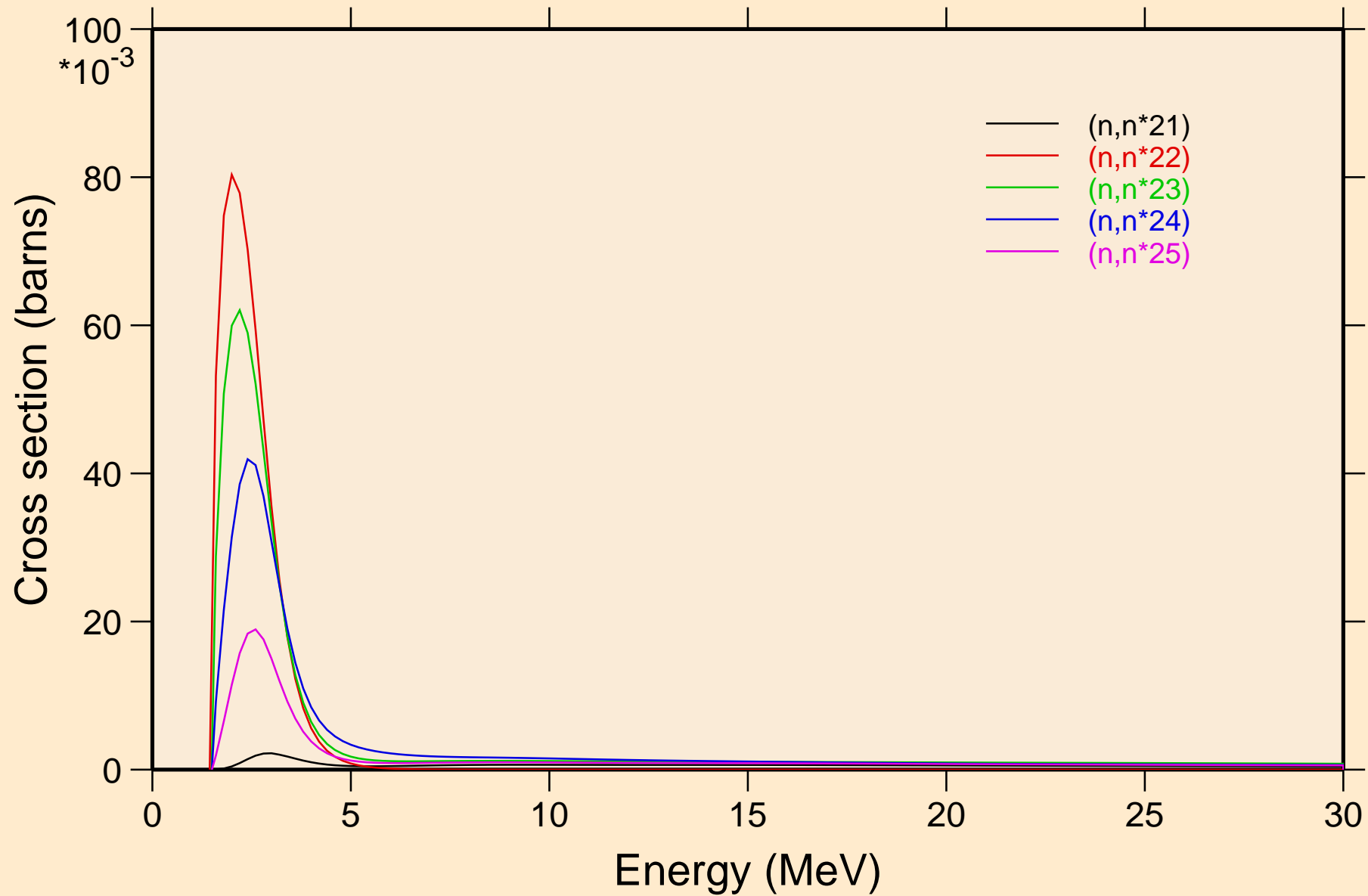
# ND150 NRG TENDL-2015, AKONING

## Inelastic levels



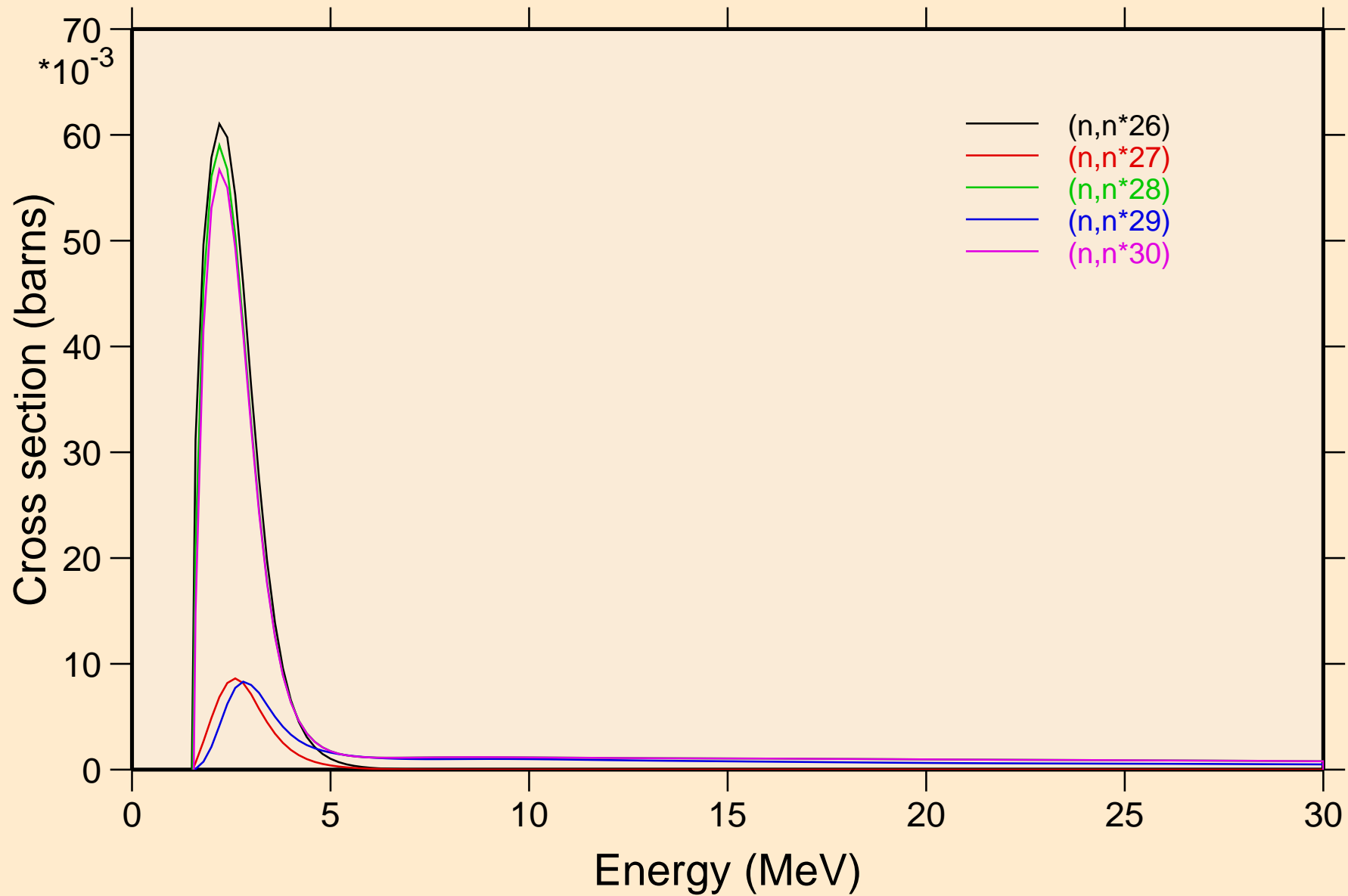
# ND150 NRG TENDL-2015, AKONING

## Inelastic levels



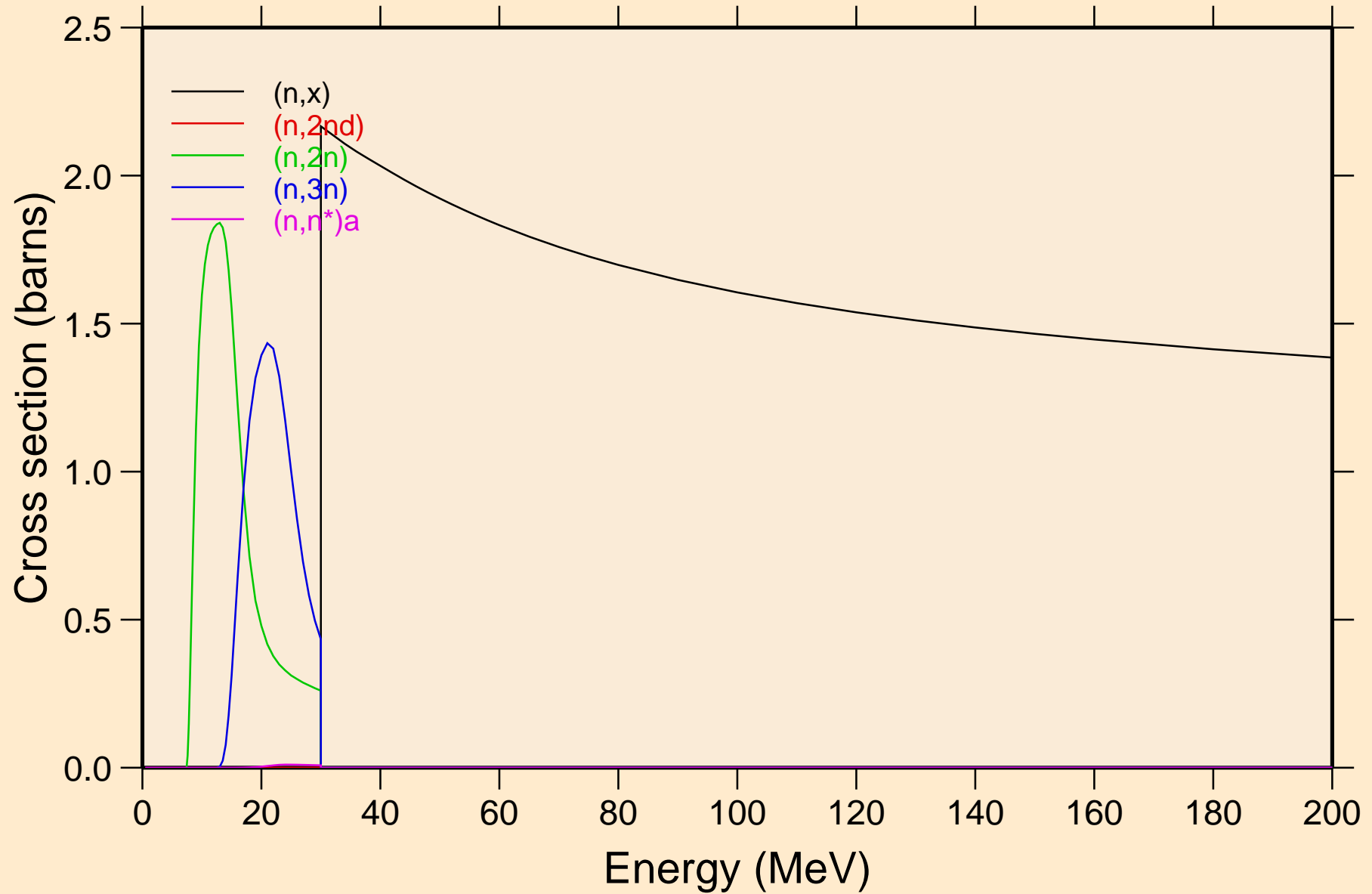
# ND150 NRG TENDL-2015, AKONING

## Inelastic levels



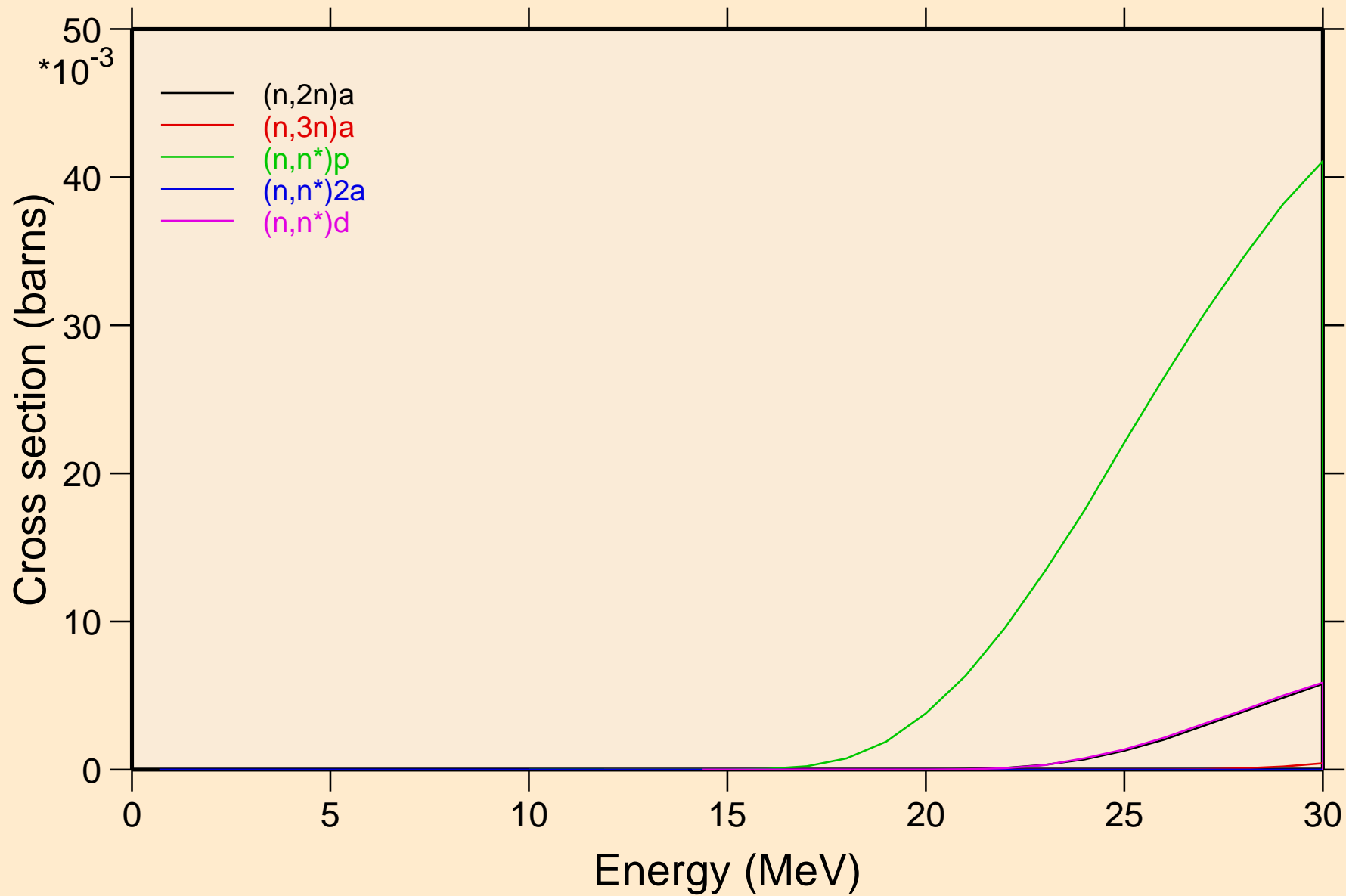
# ND150 NRG TENDL-2015, AKONING

## Threshold reactions



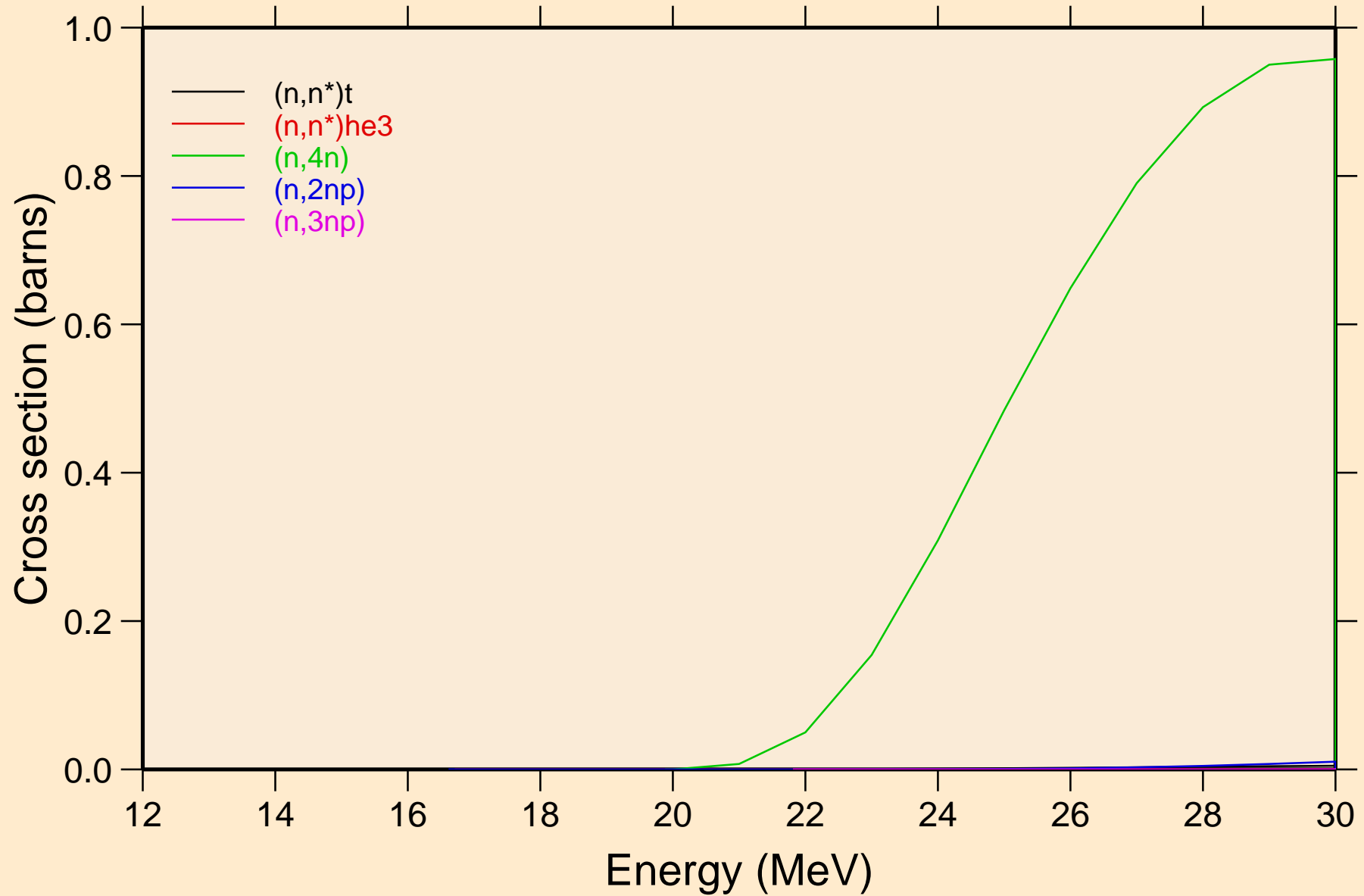
# ND150 NRG TENDL-2015, AKONING

## Threshold reactions



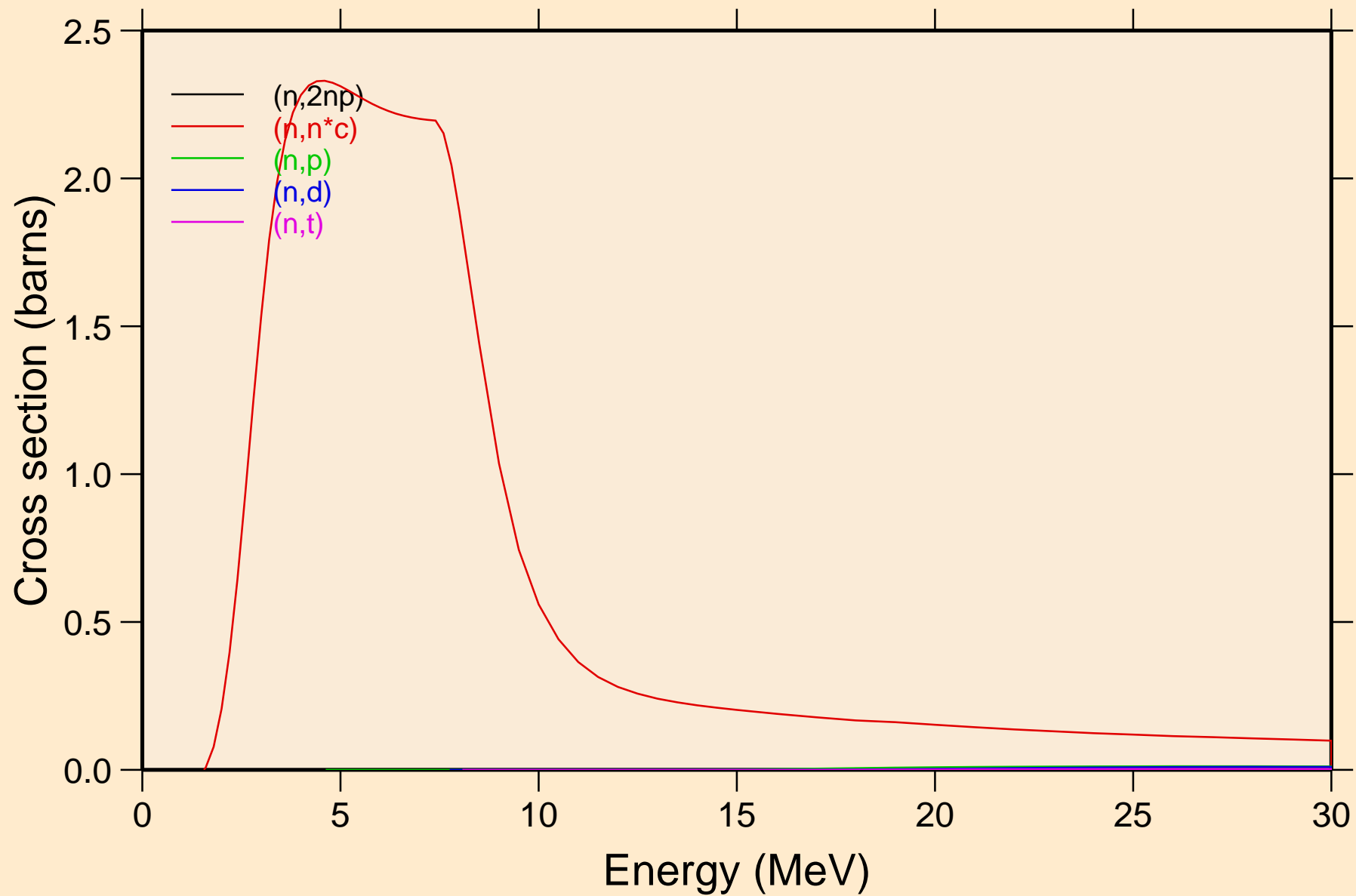
# ND150 NRG TENDL-2015, AKONING

## Threshold reactions



# ND150 NRG TENDL-2015, AKONING

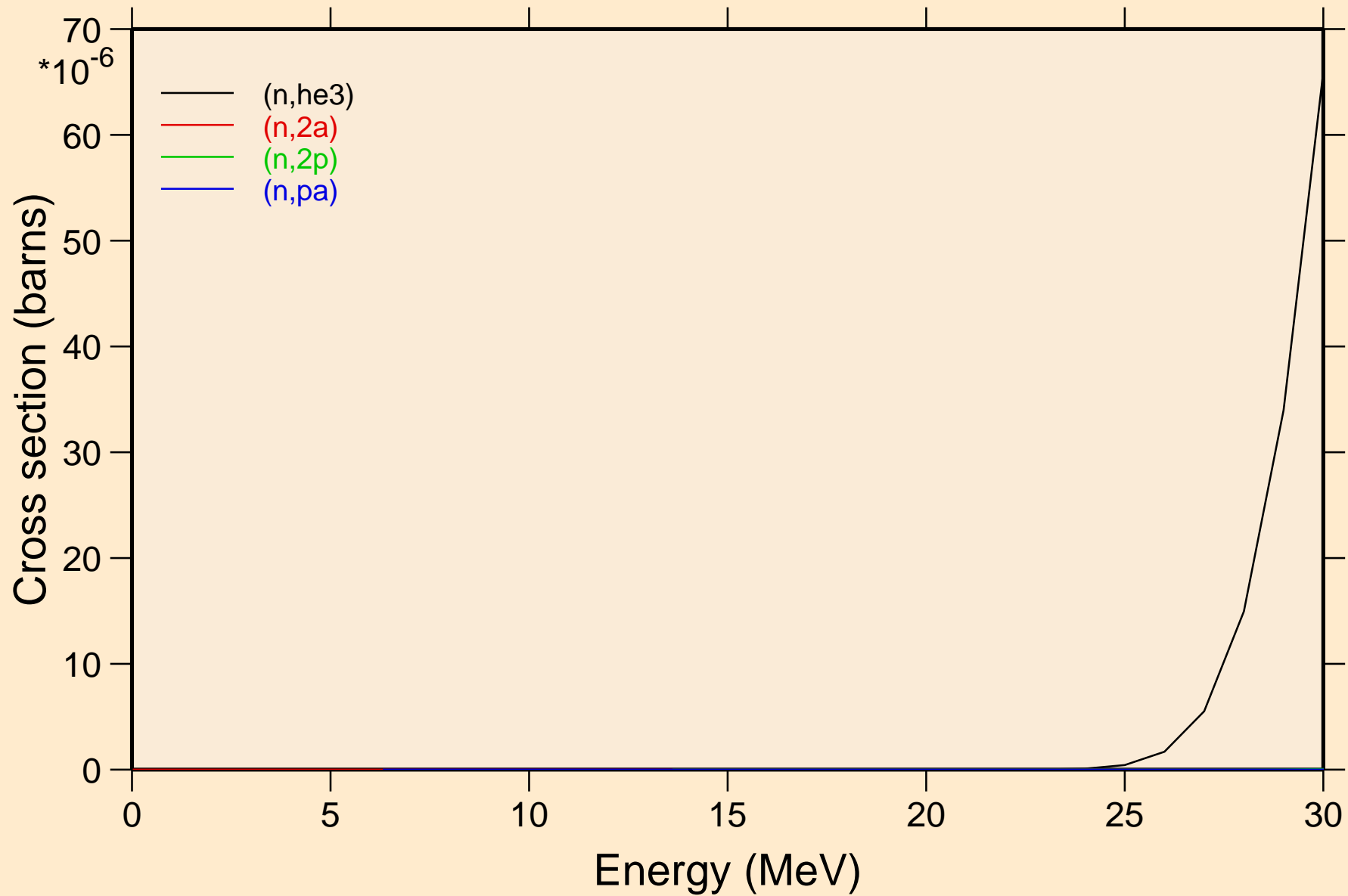
## Threshold reactions



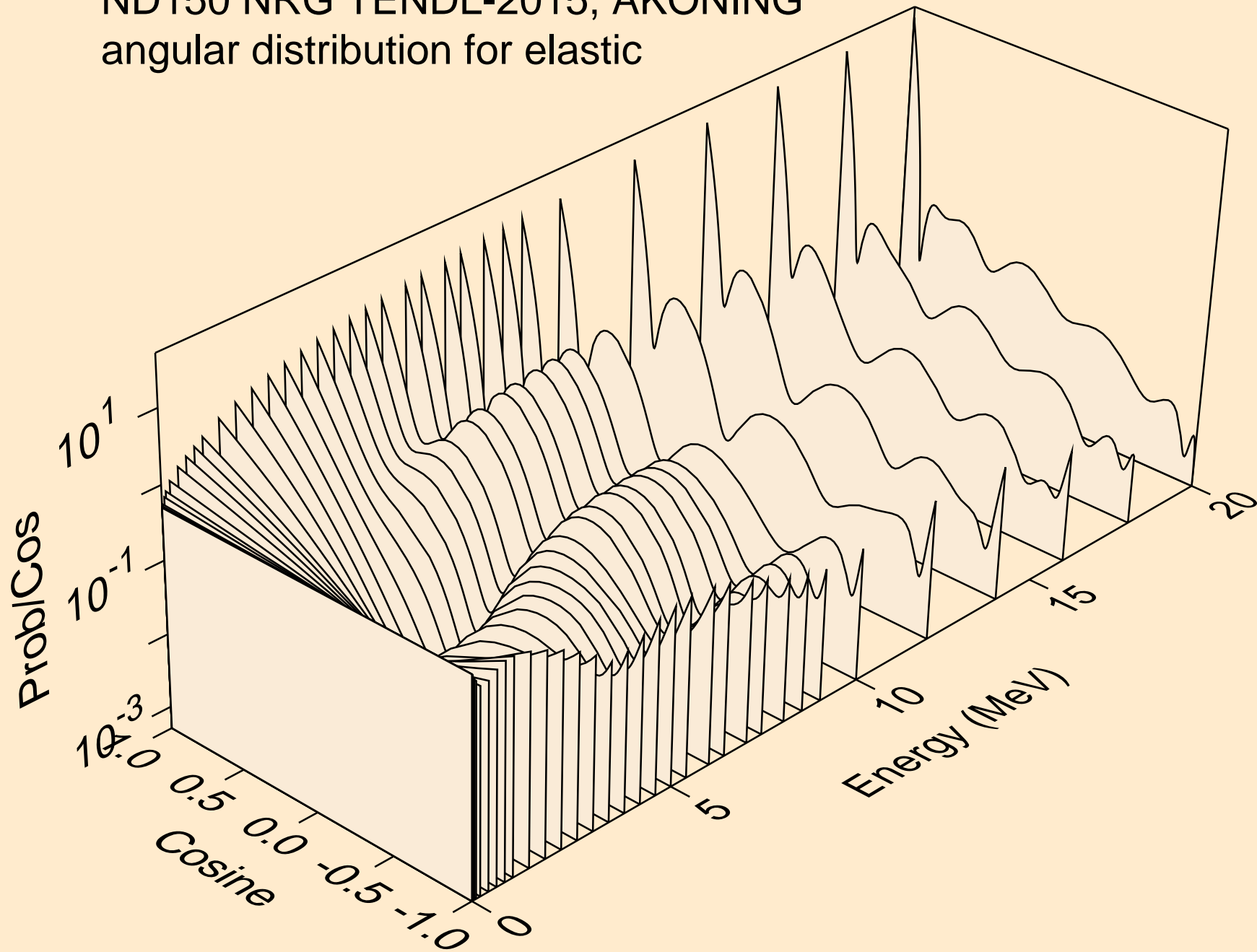


# ND150 NRG TENDL-2015, AKONING

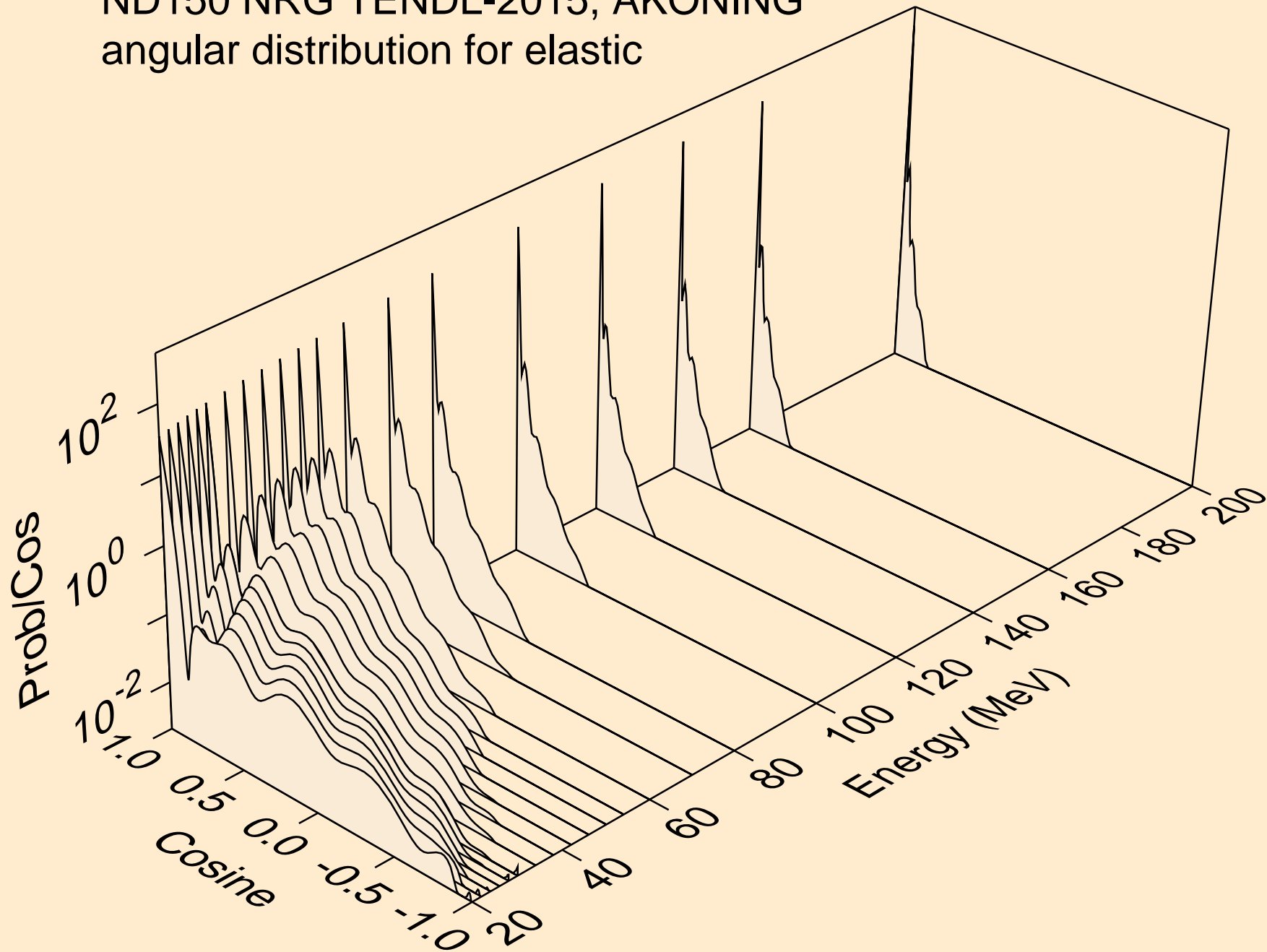
## Threshold reactions



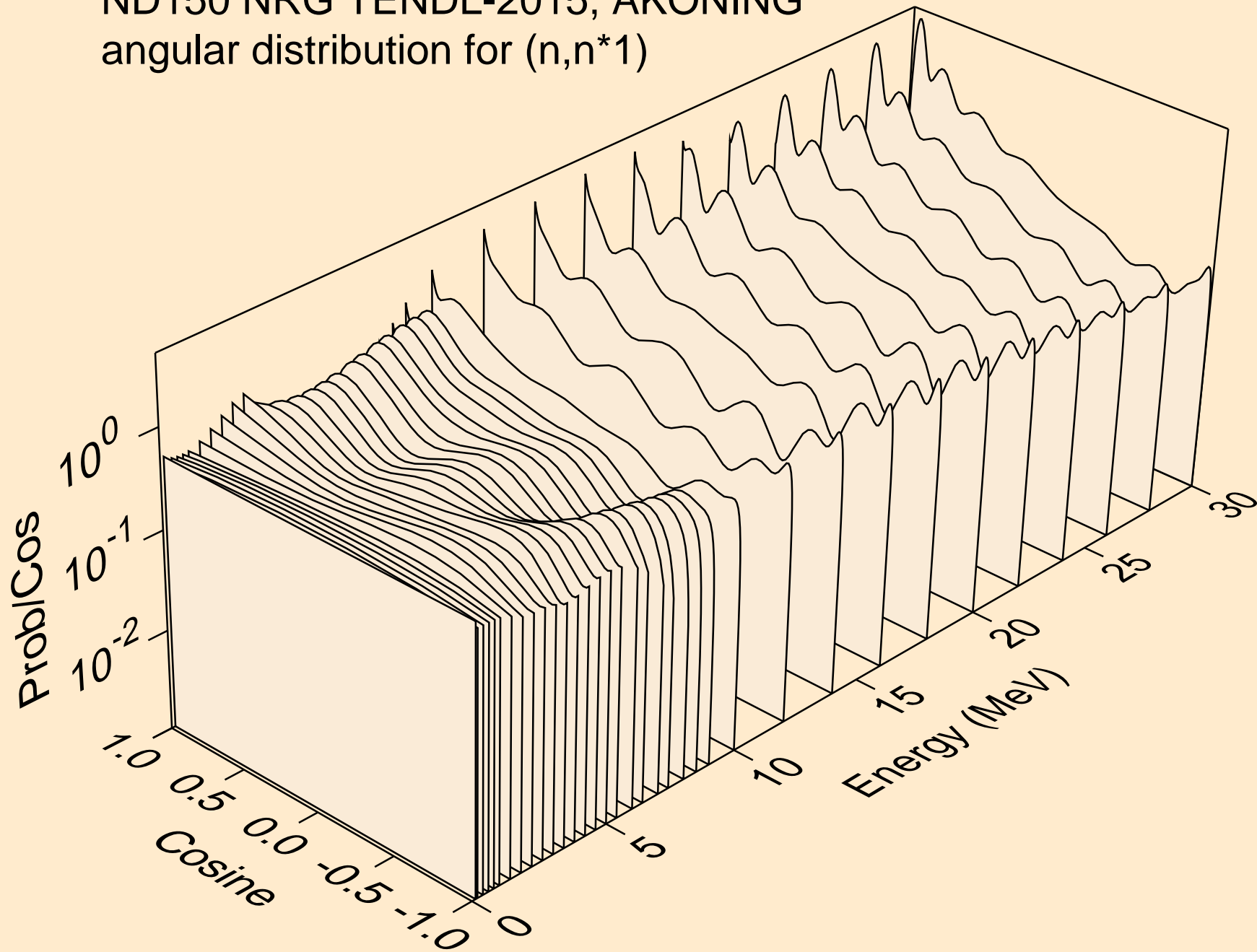
ND150 NRG TENDL-2015, AKONING  
angular distribution for elastic



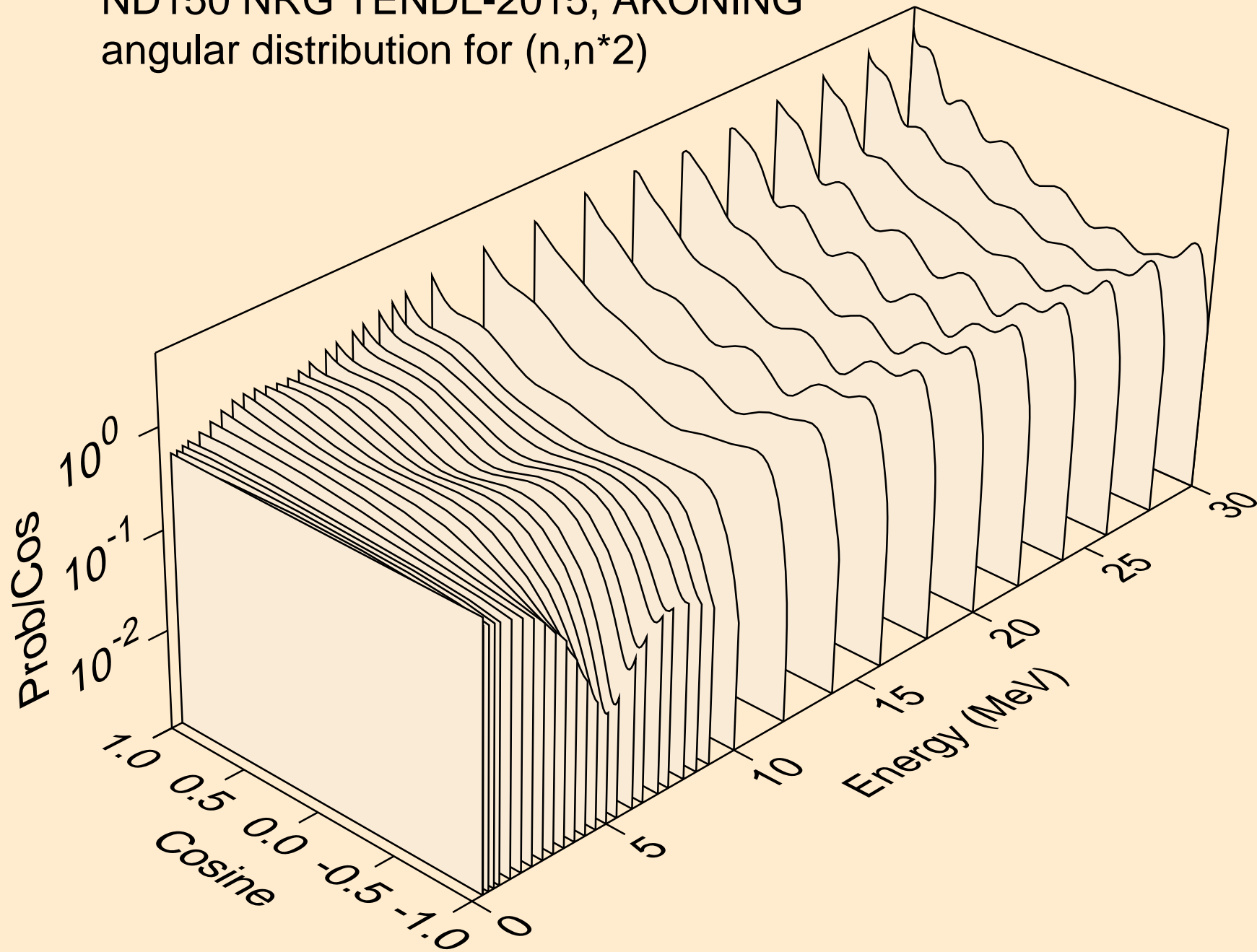
ND150 NRG TENDL-2015, AKONING  
angular distribution for elastic



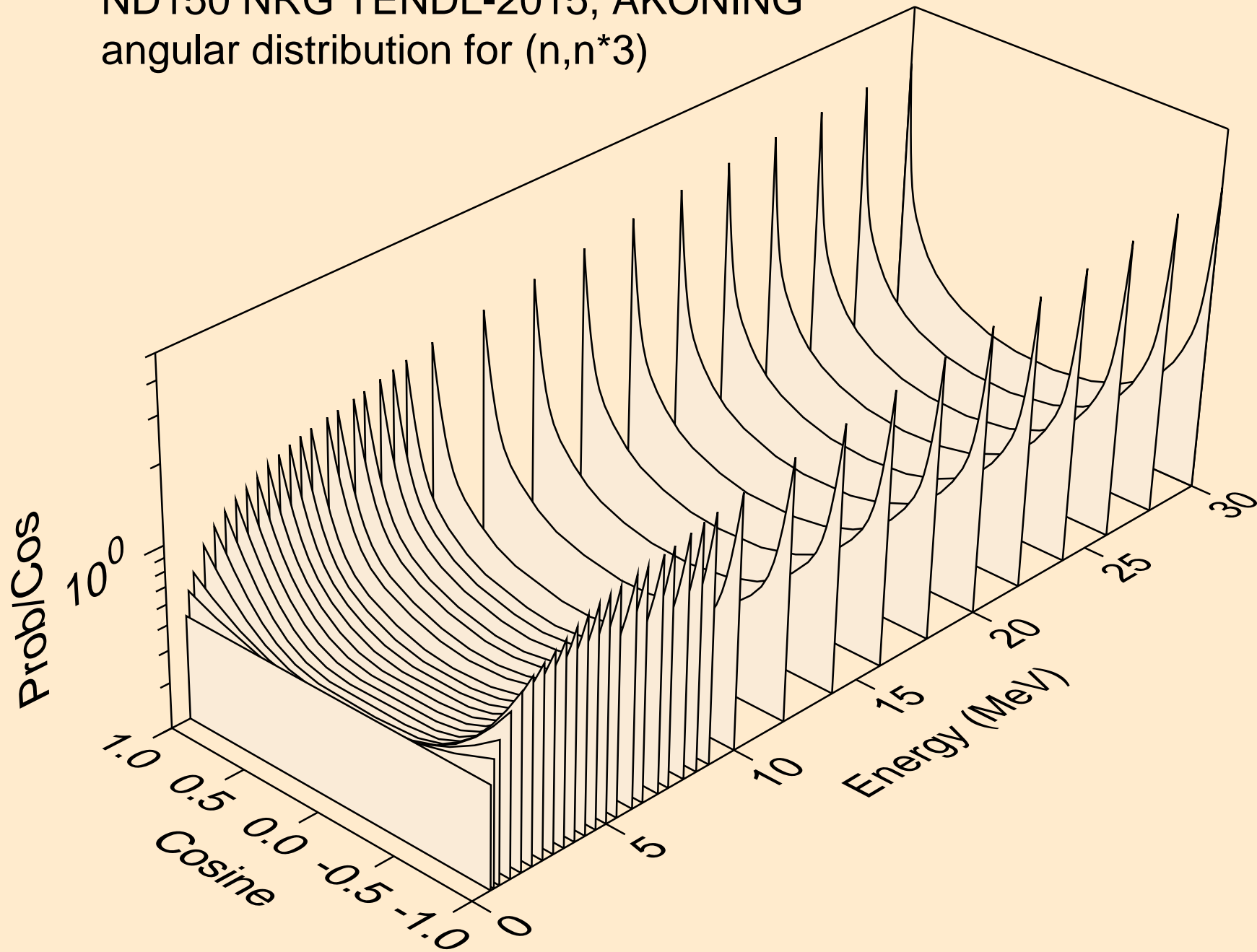
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



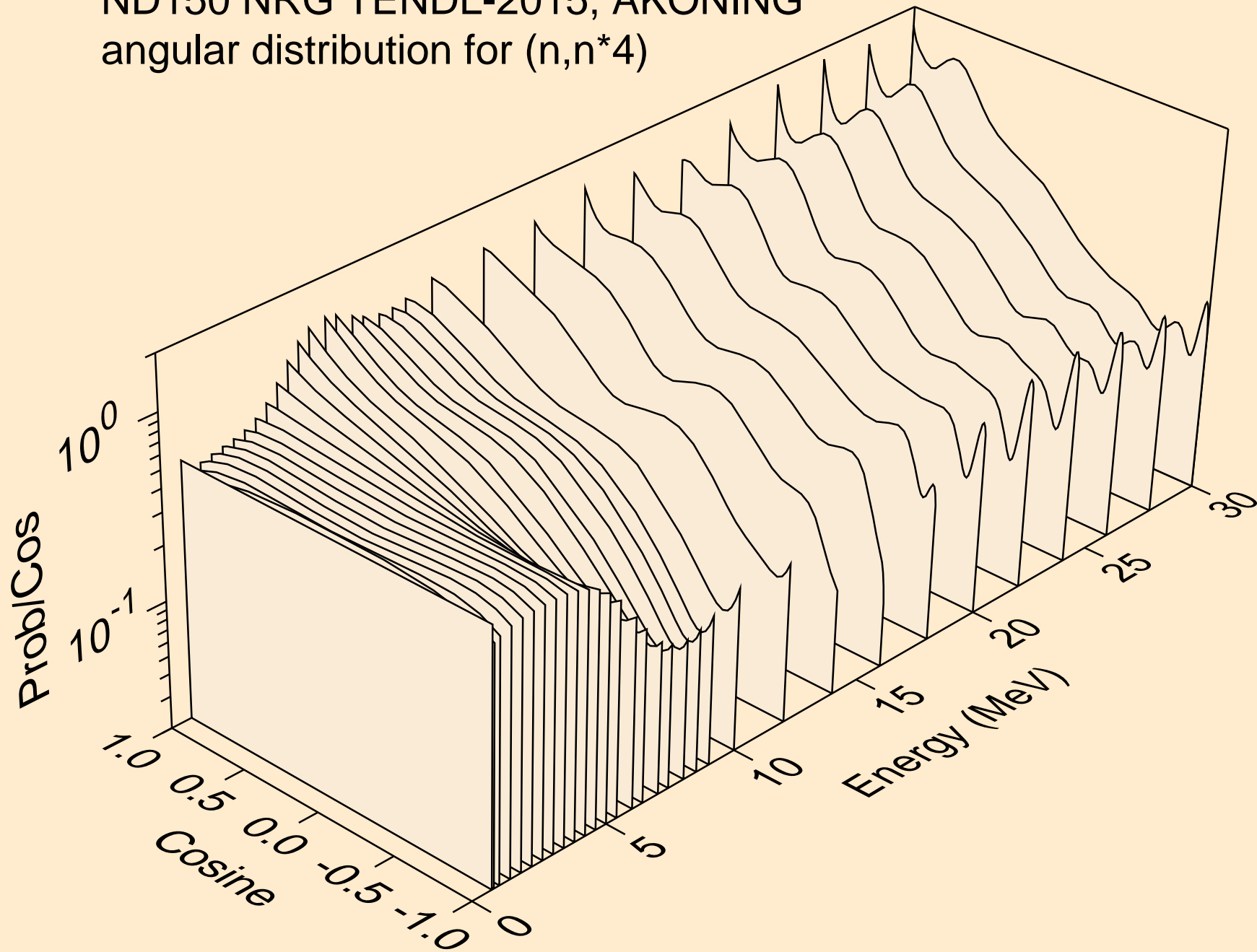
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



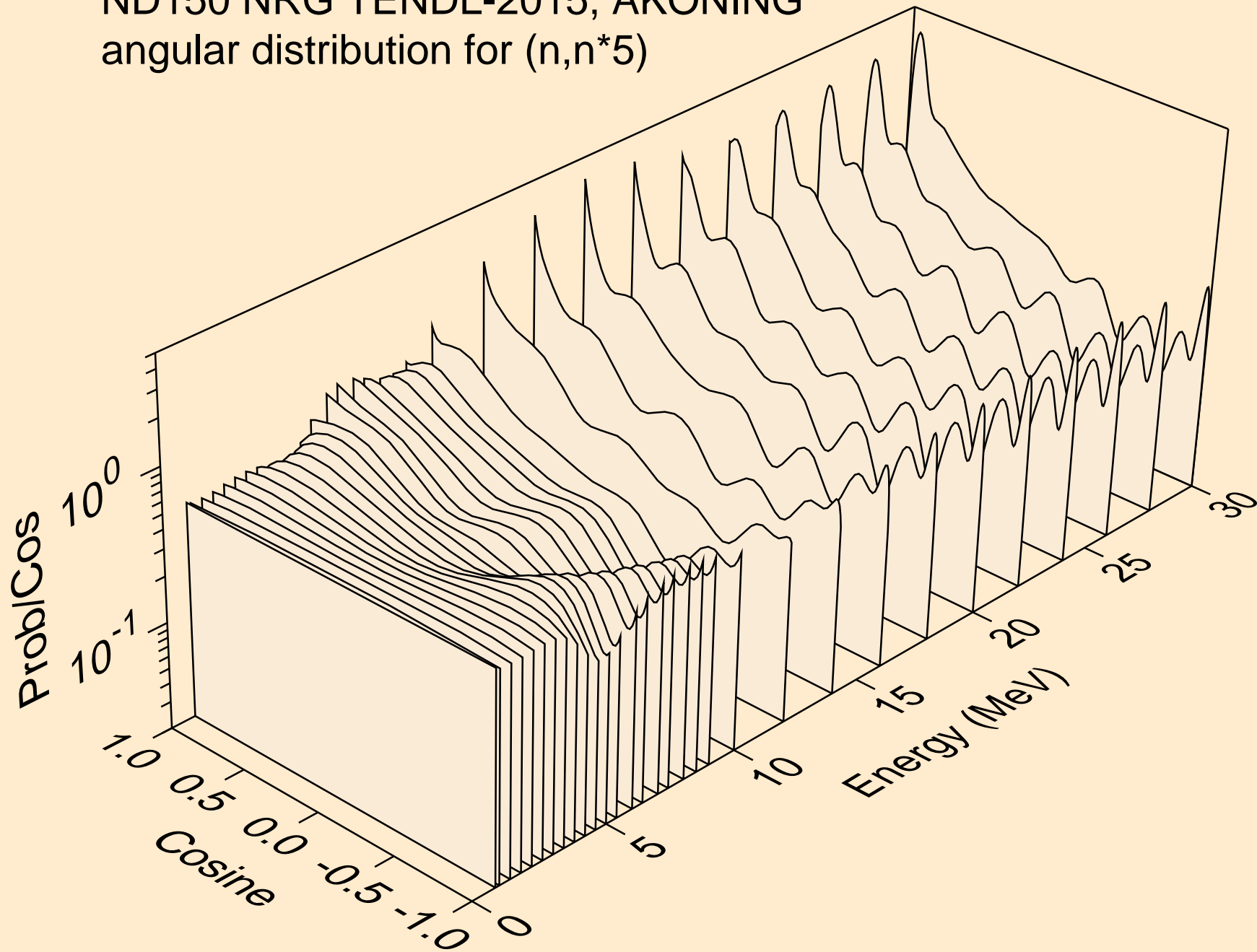
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

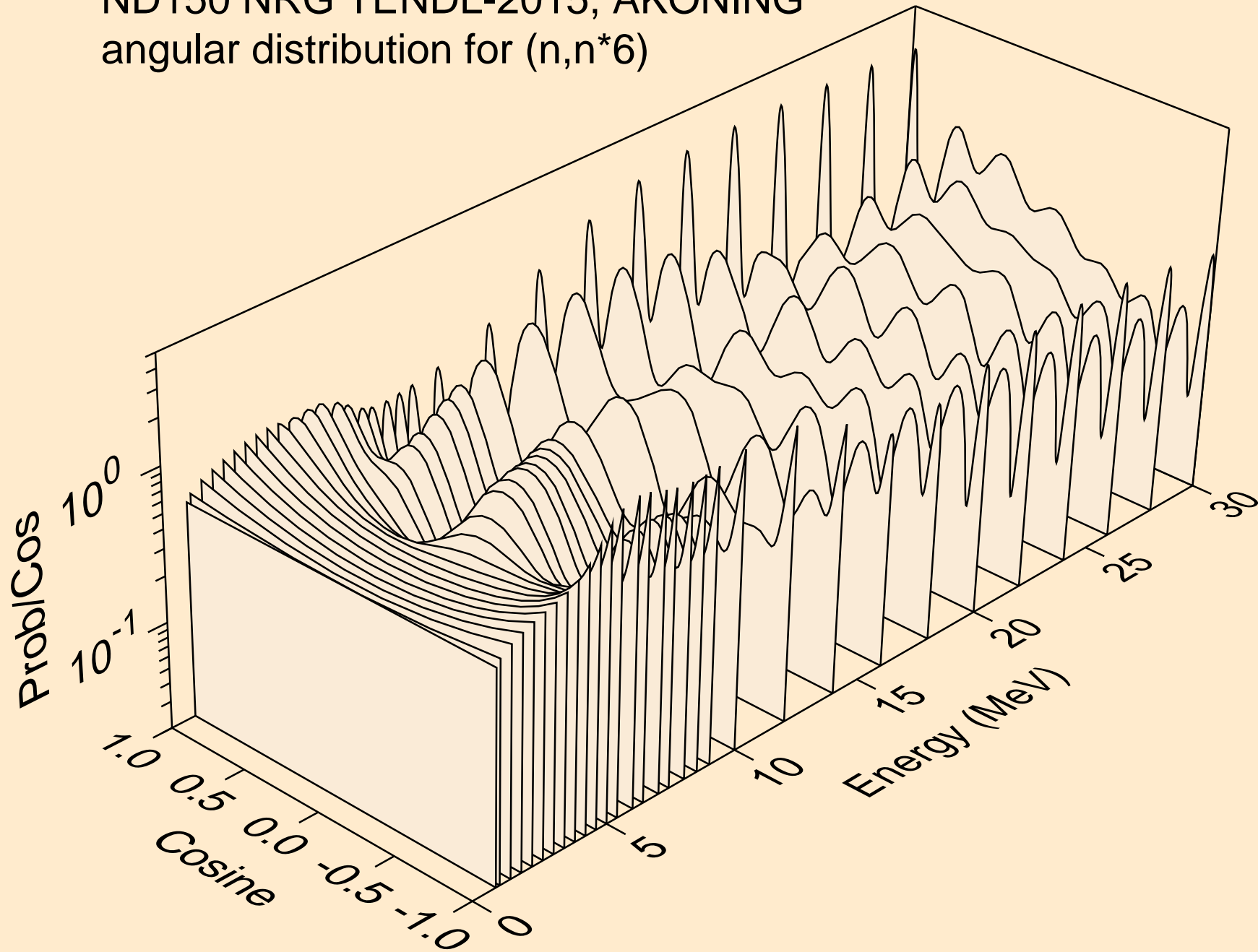


ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

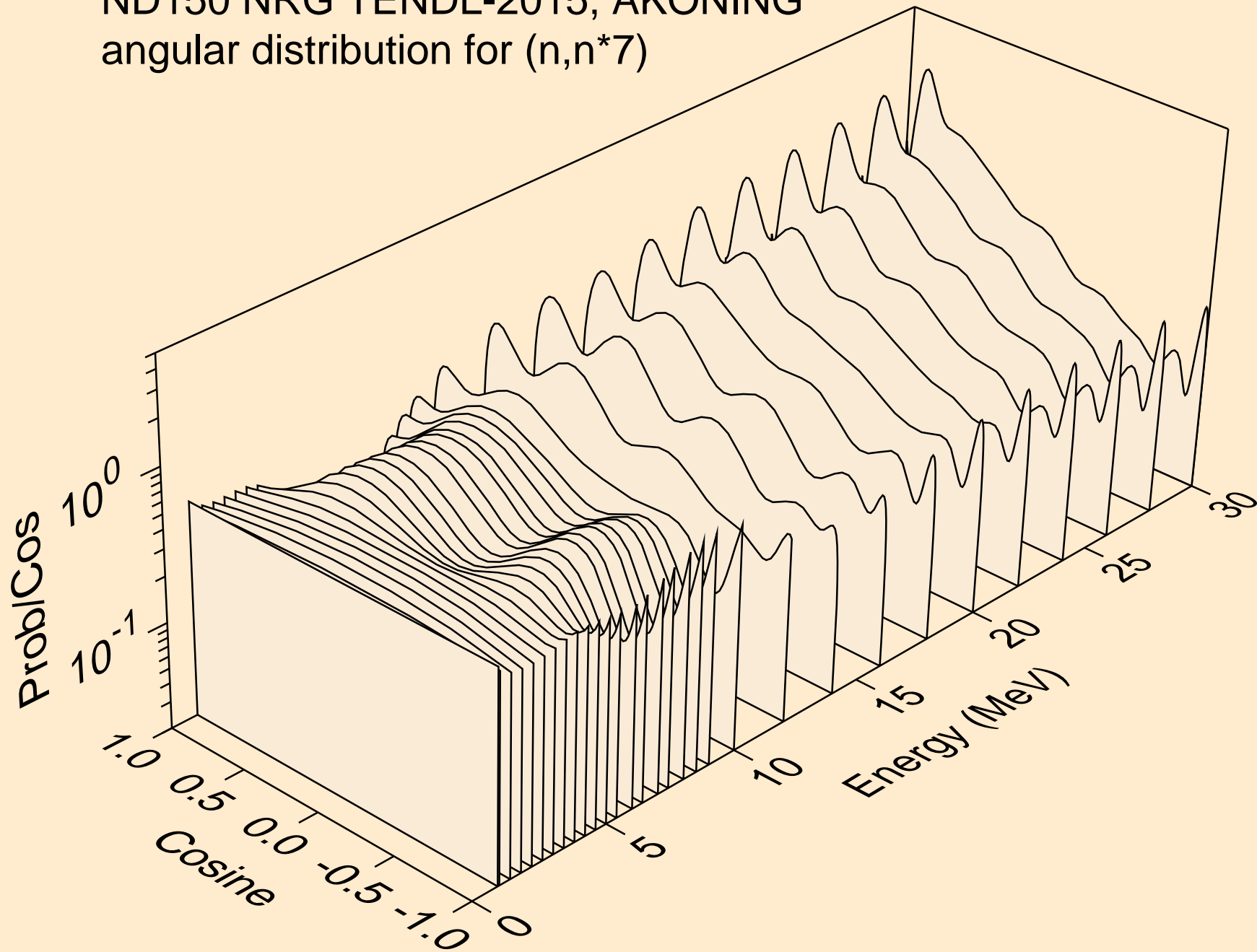




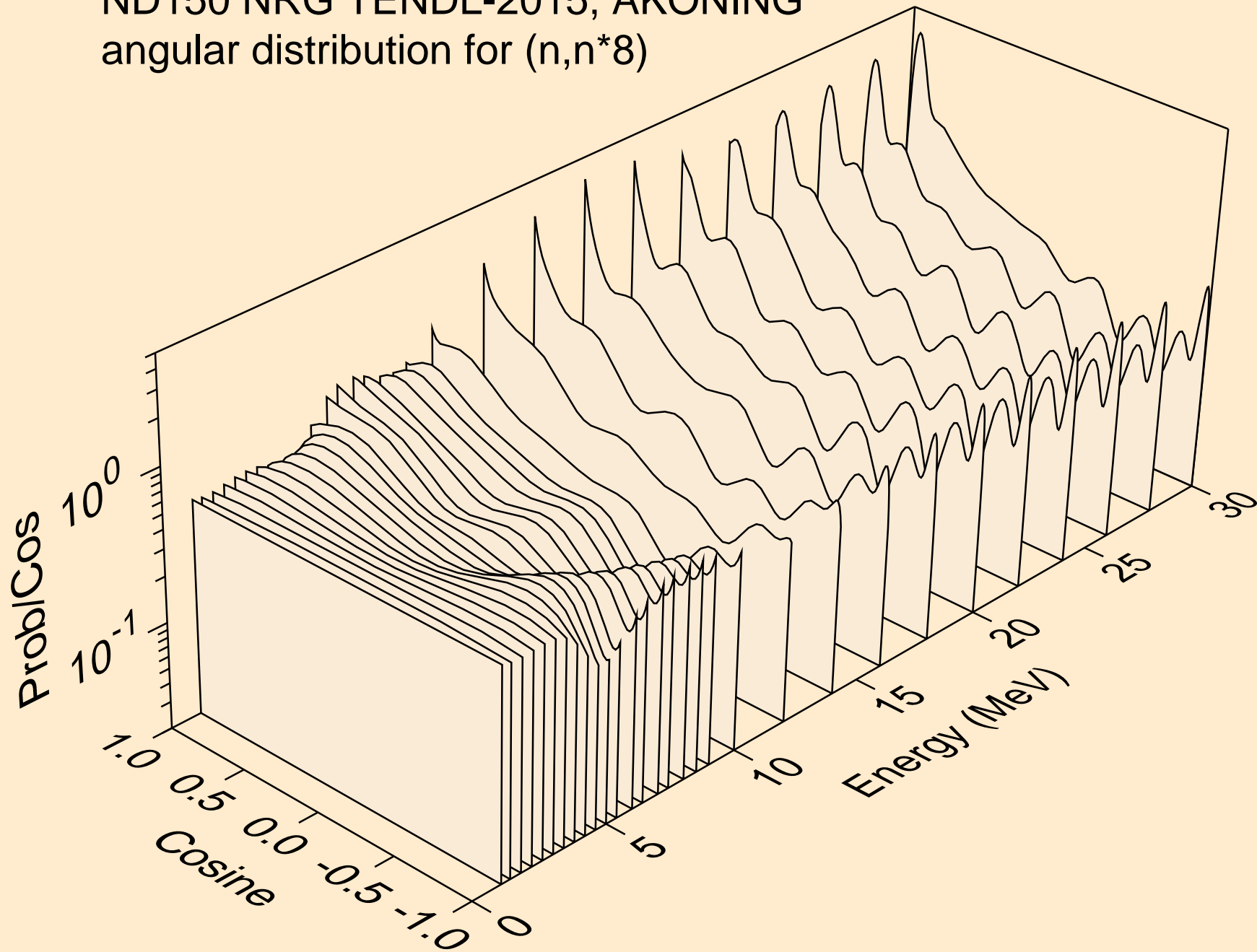
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



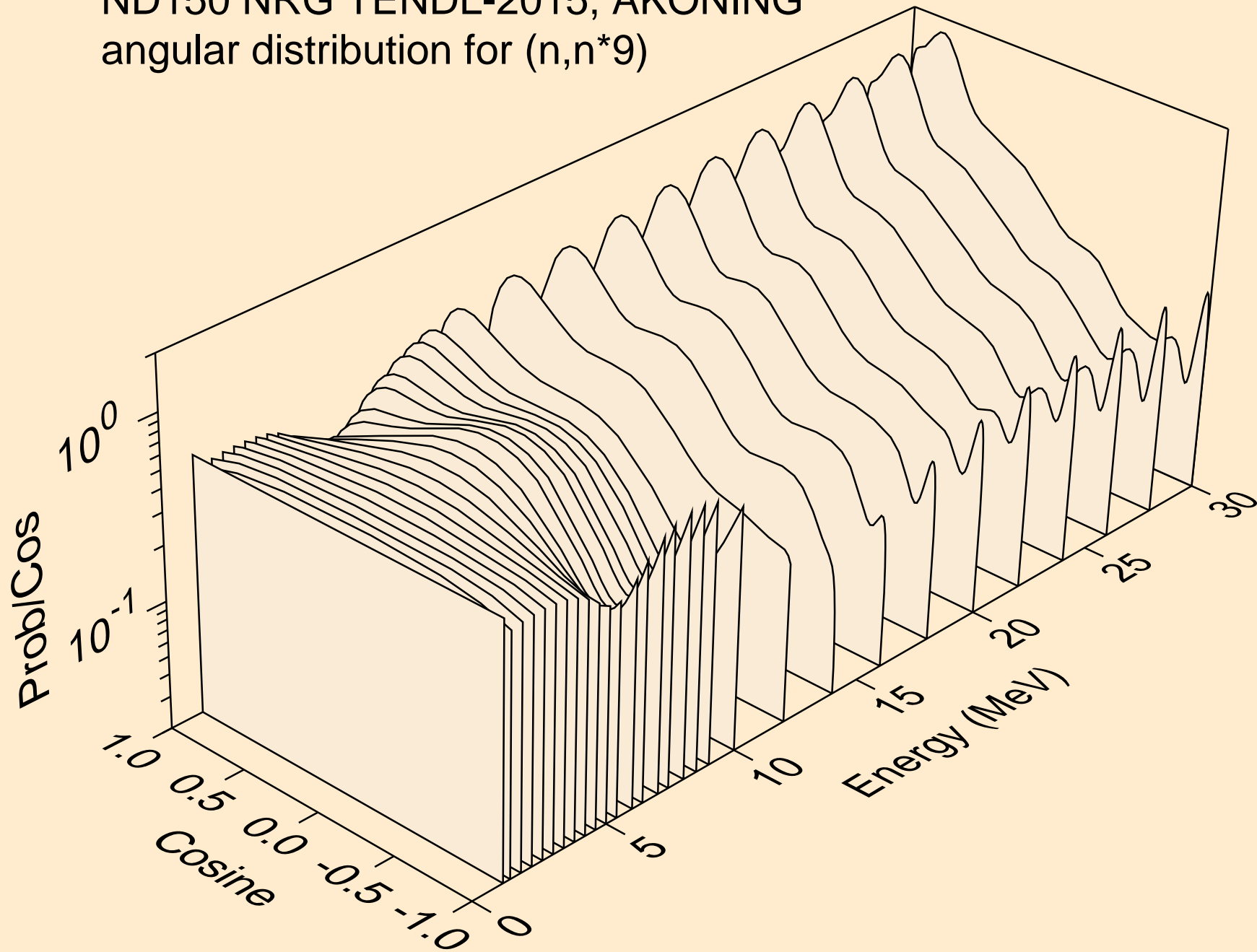
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



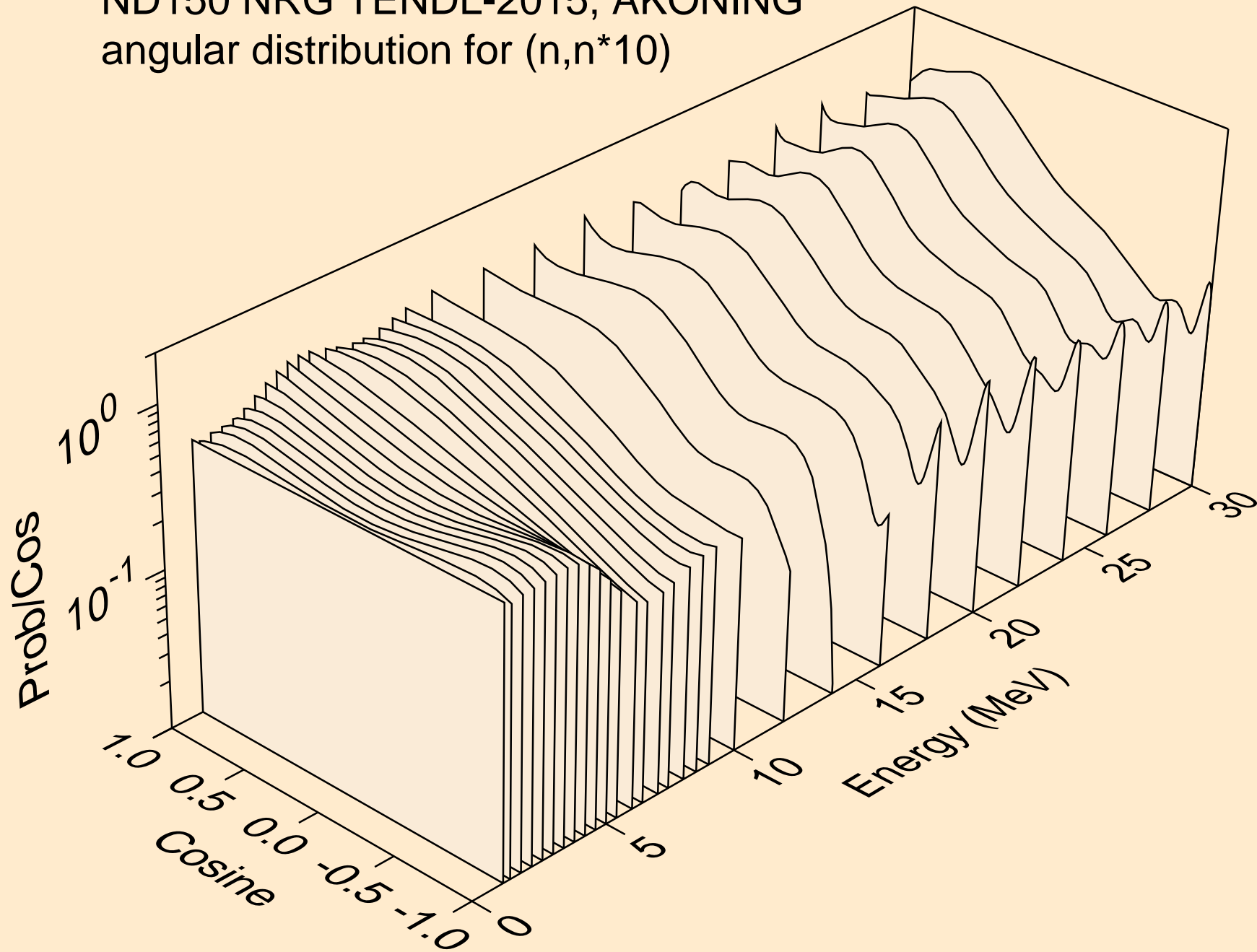
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



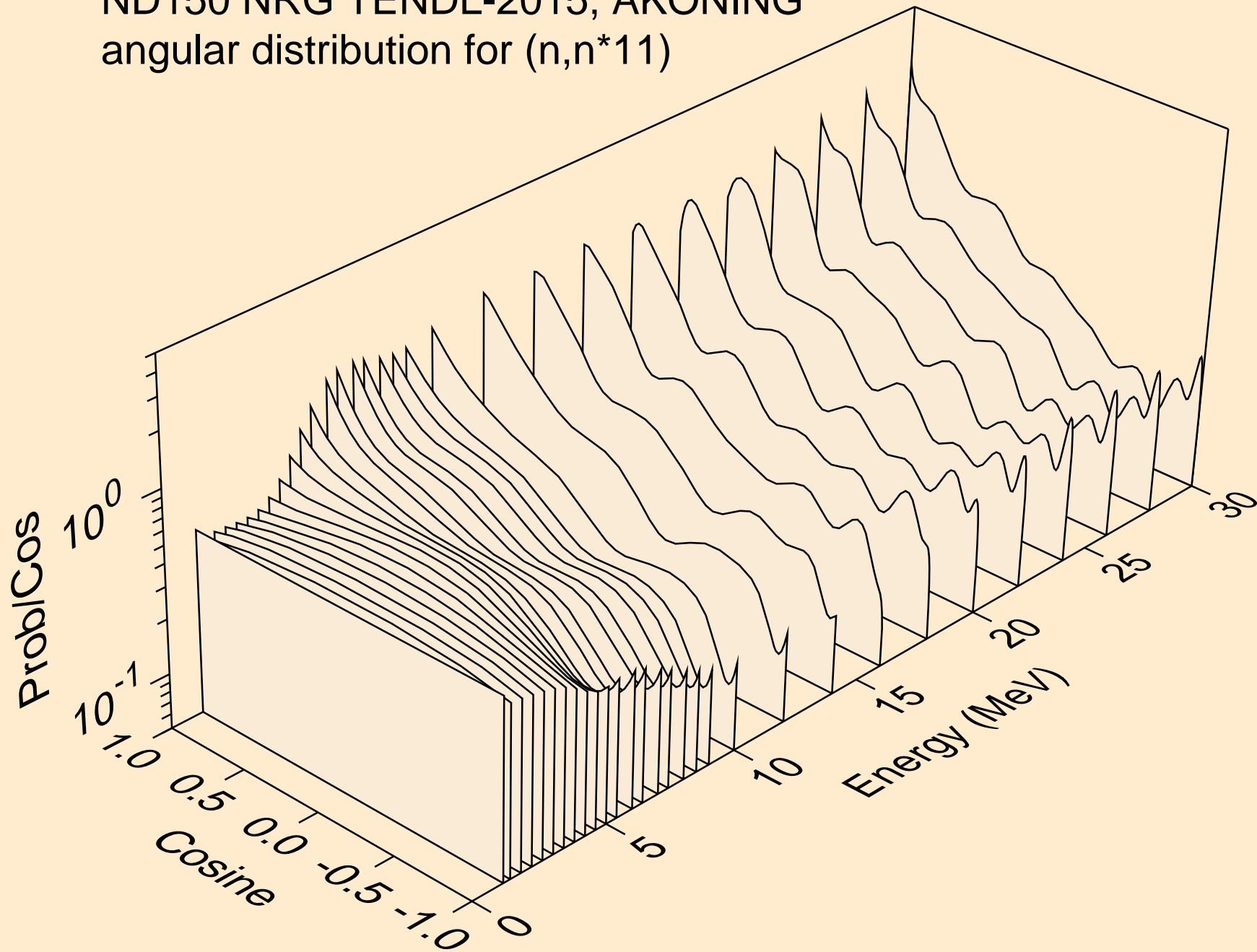
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



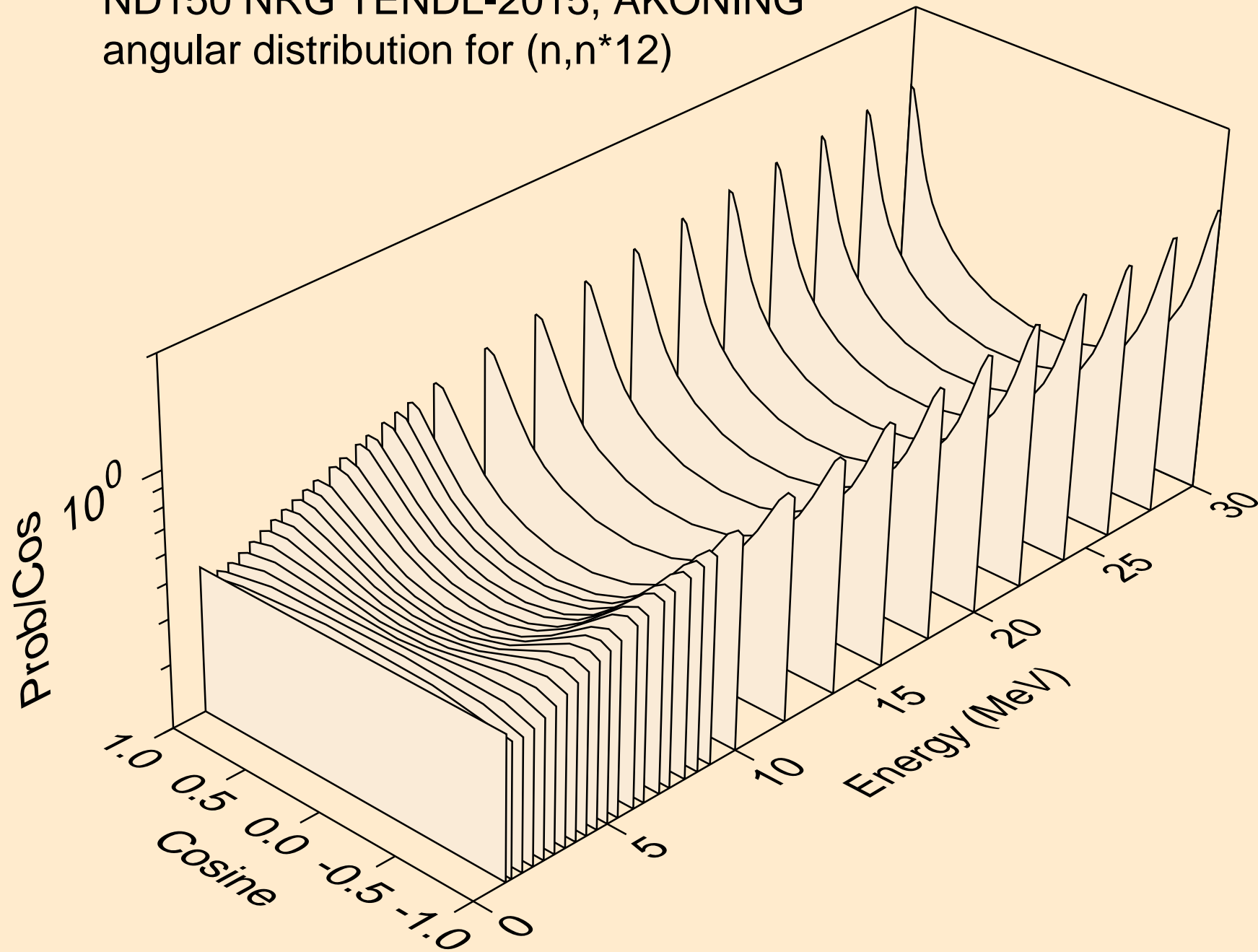
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



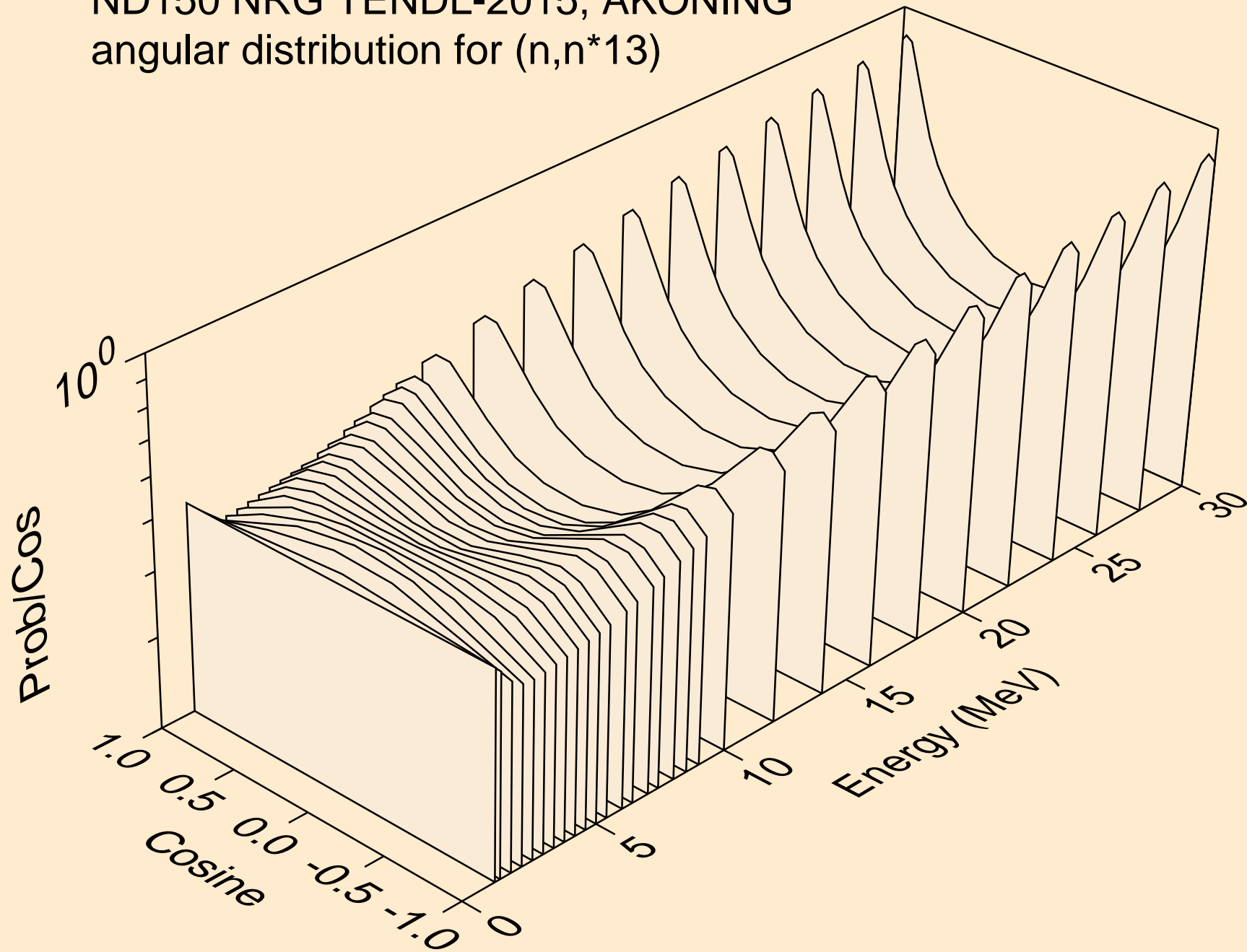
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

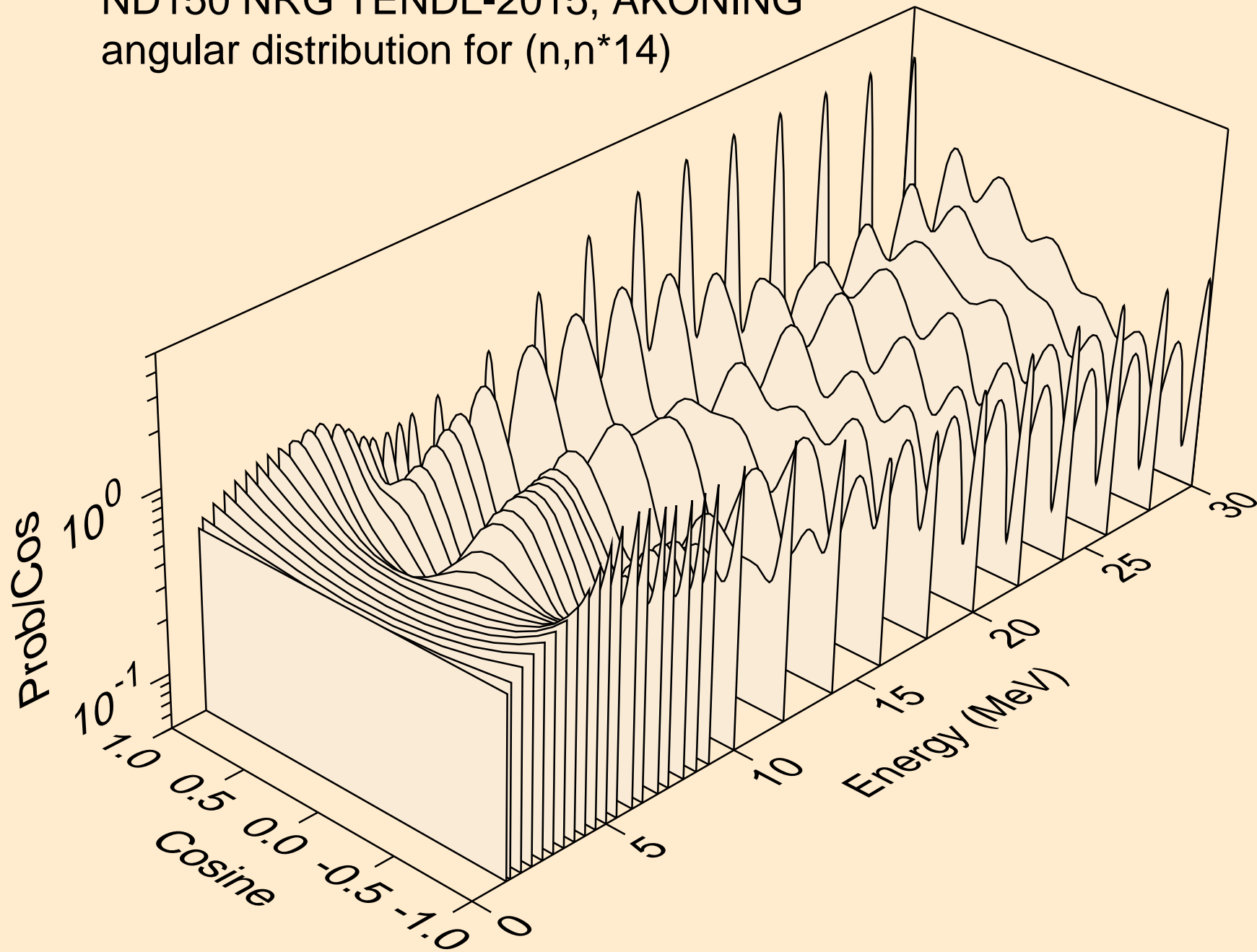


ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

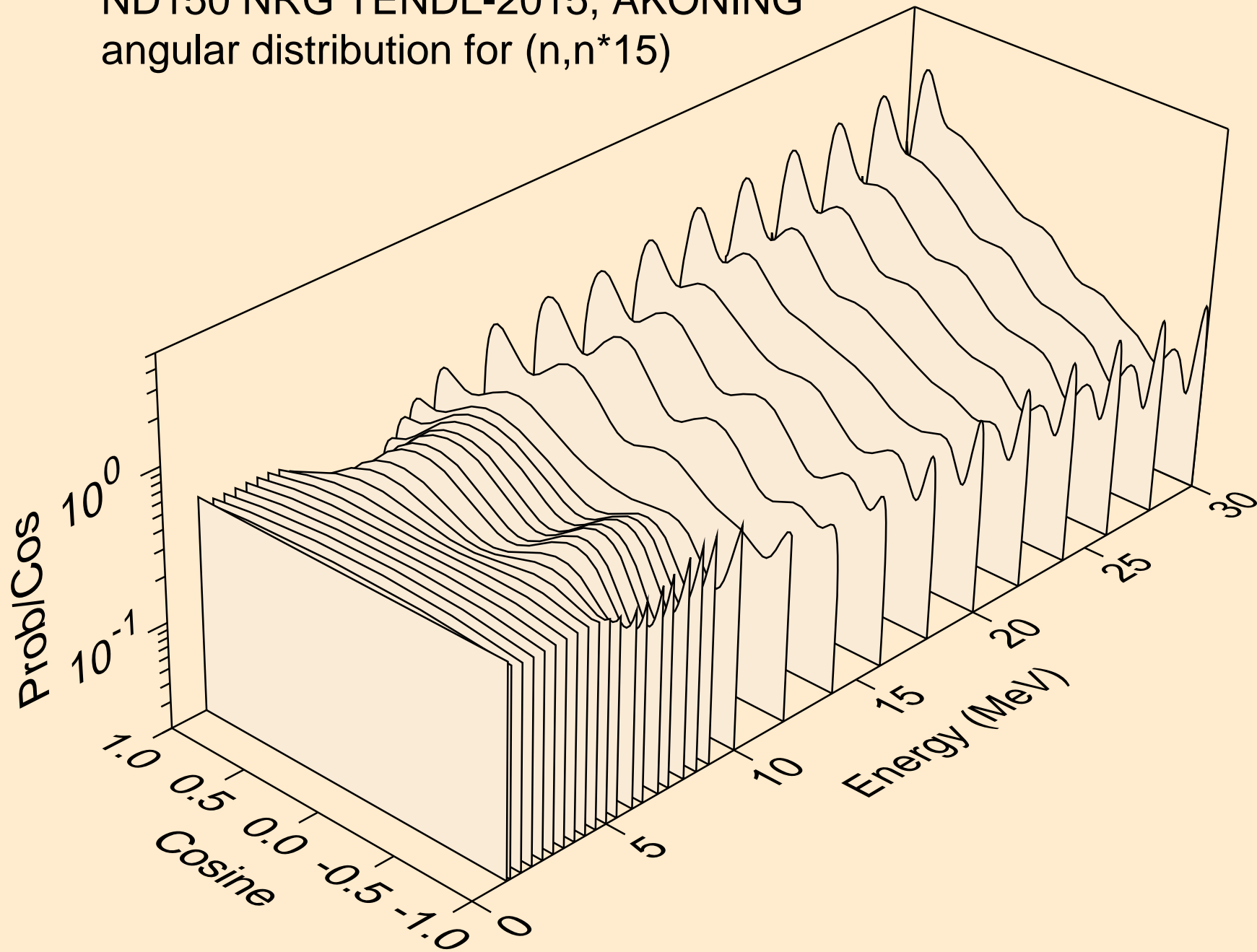




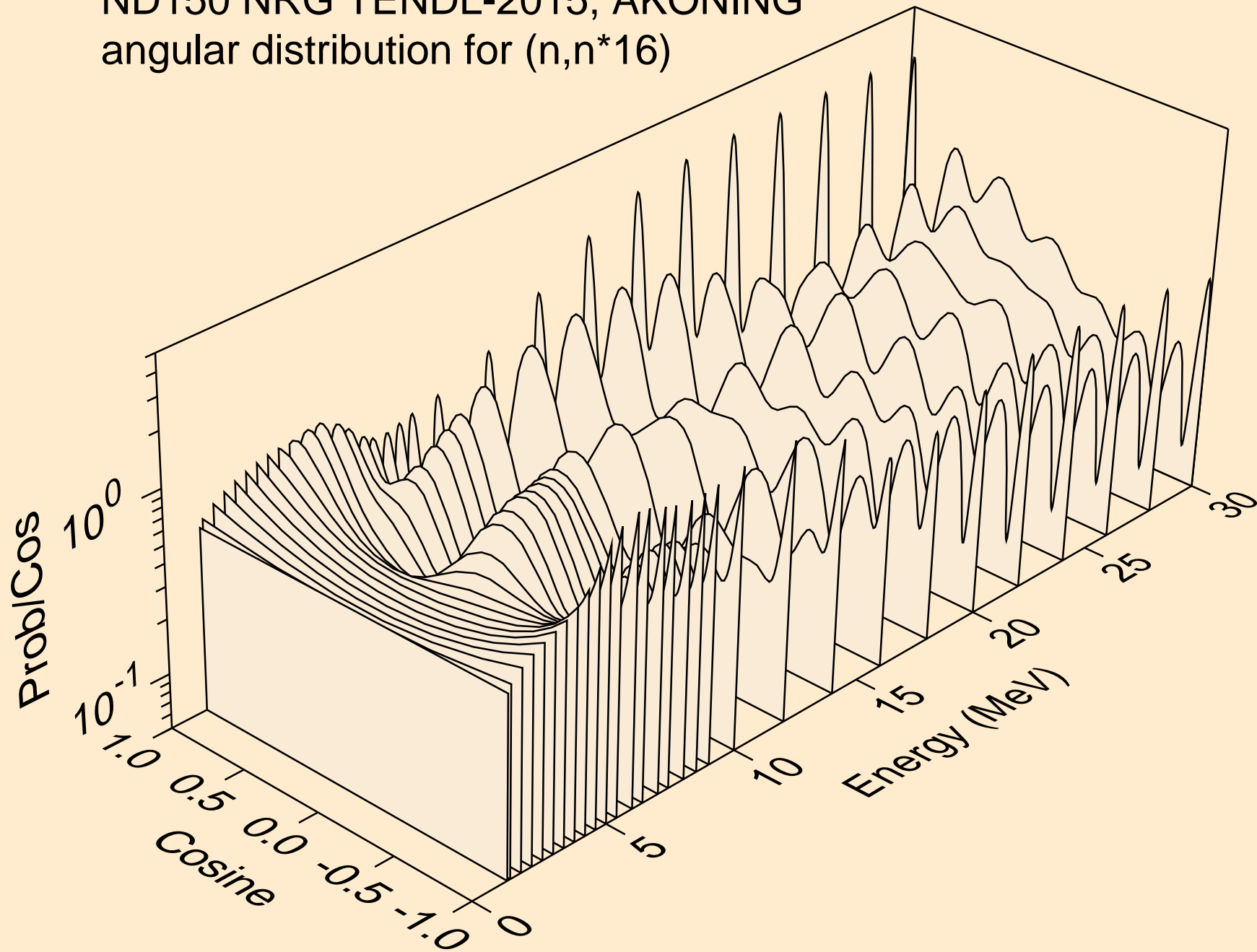
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angular distribution for (n,n\*14)



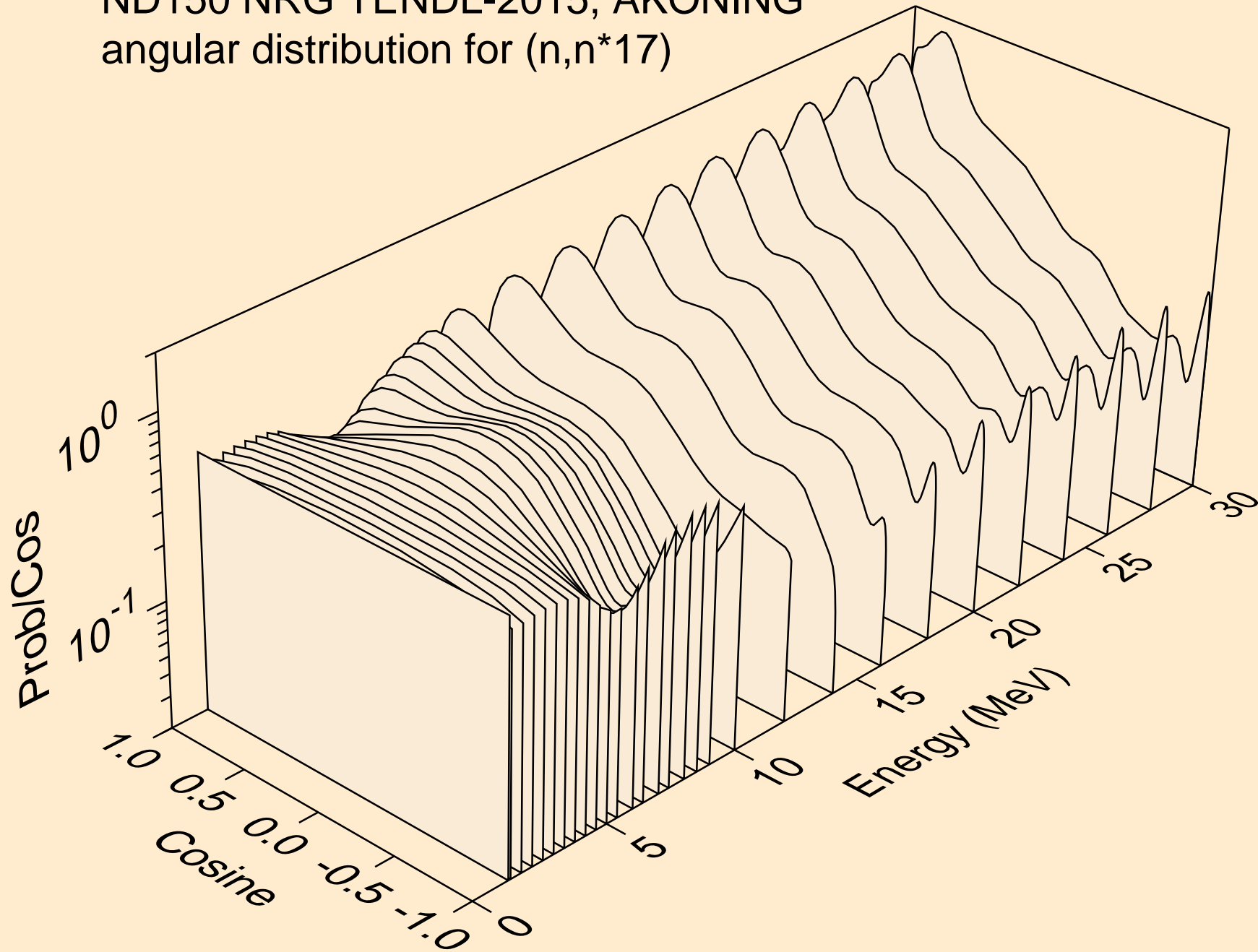
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



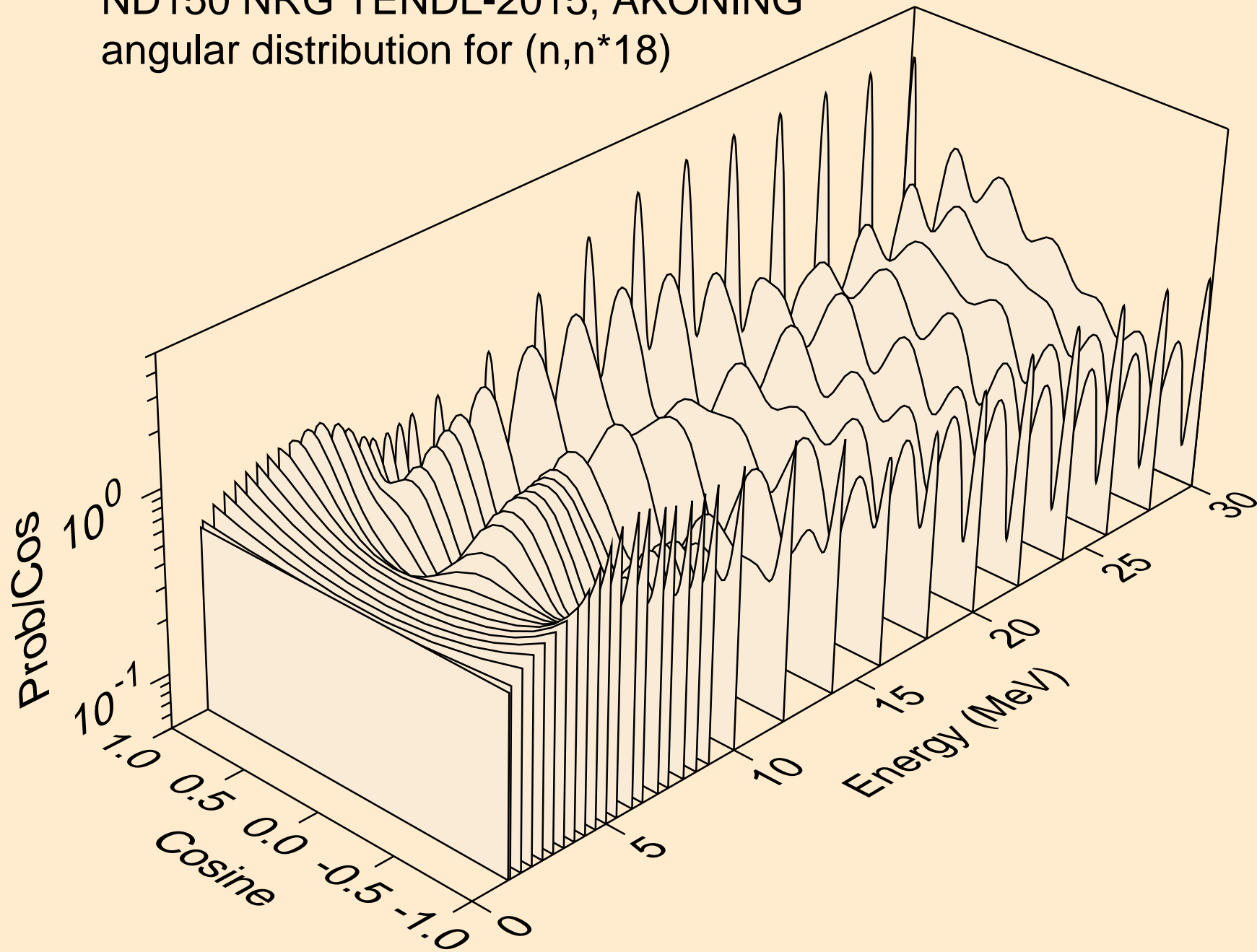
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



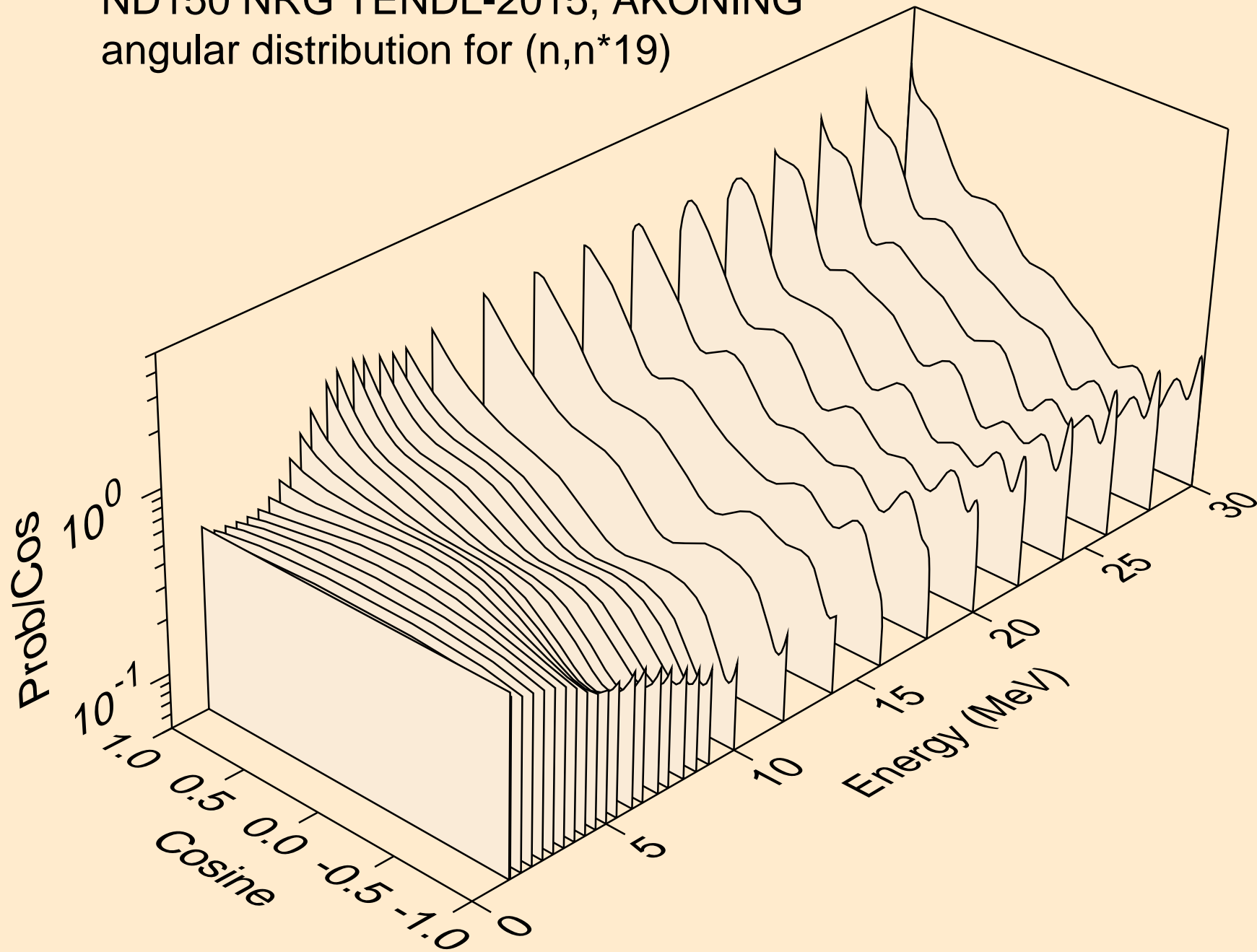
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



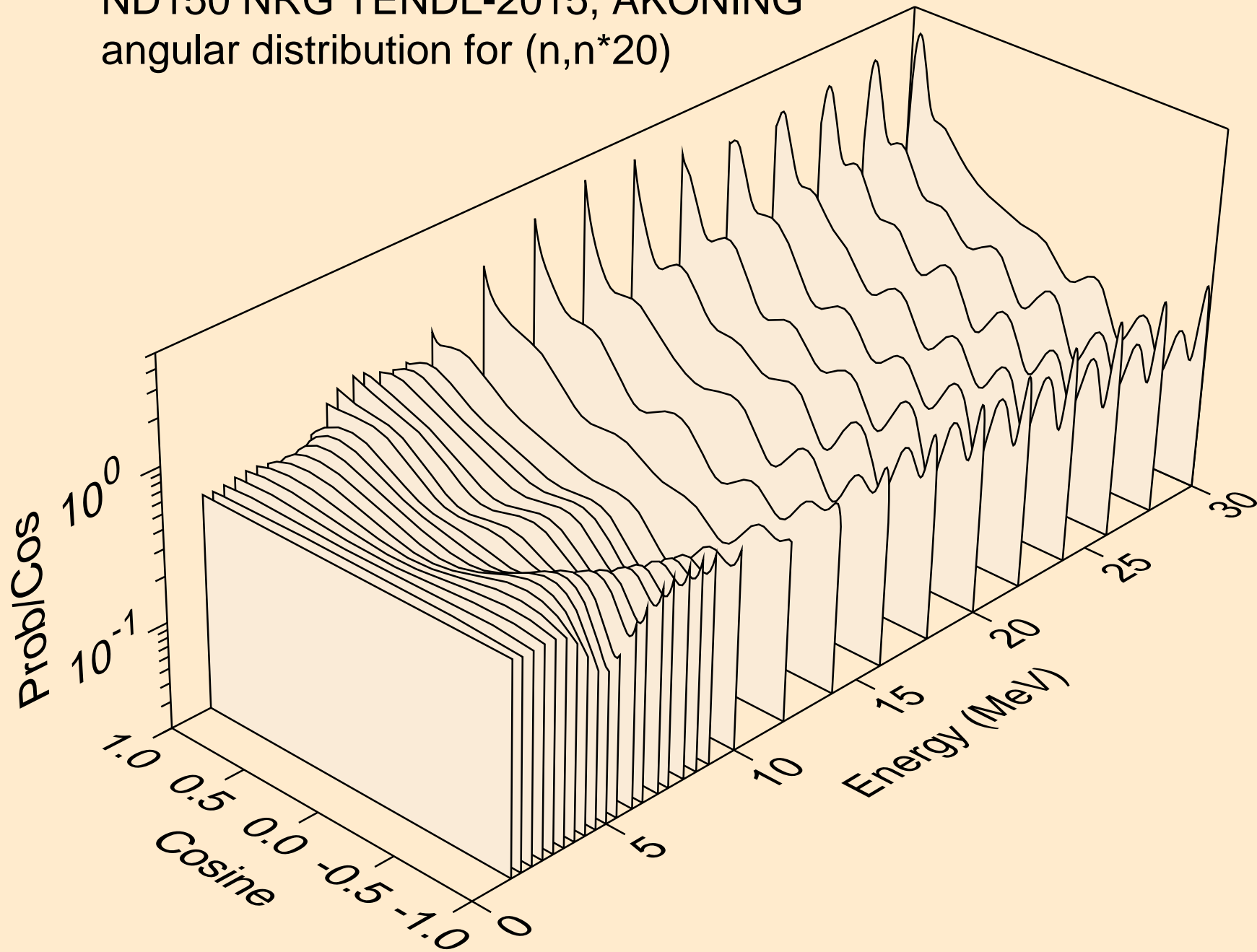
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



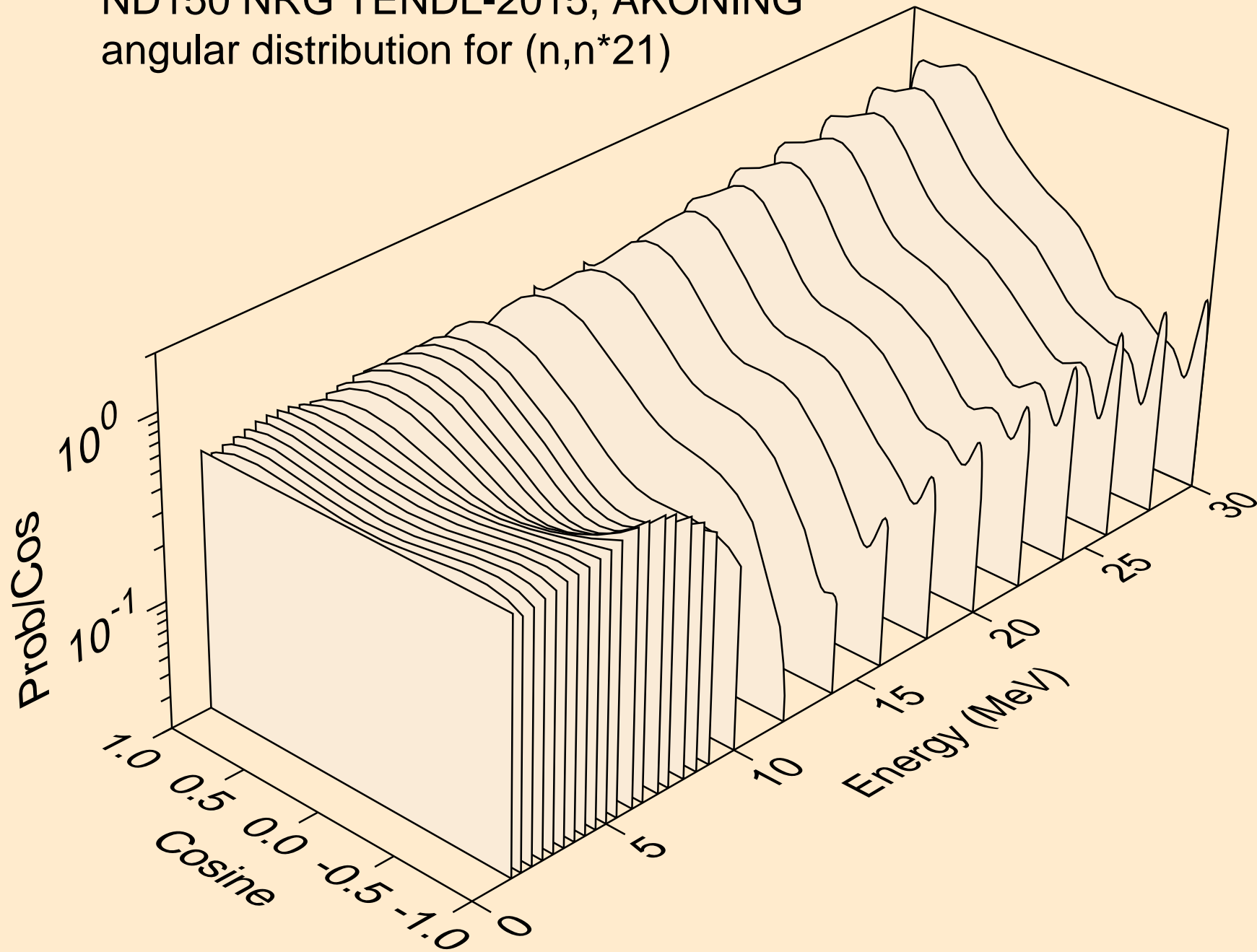
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

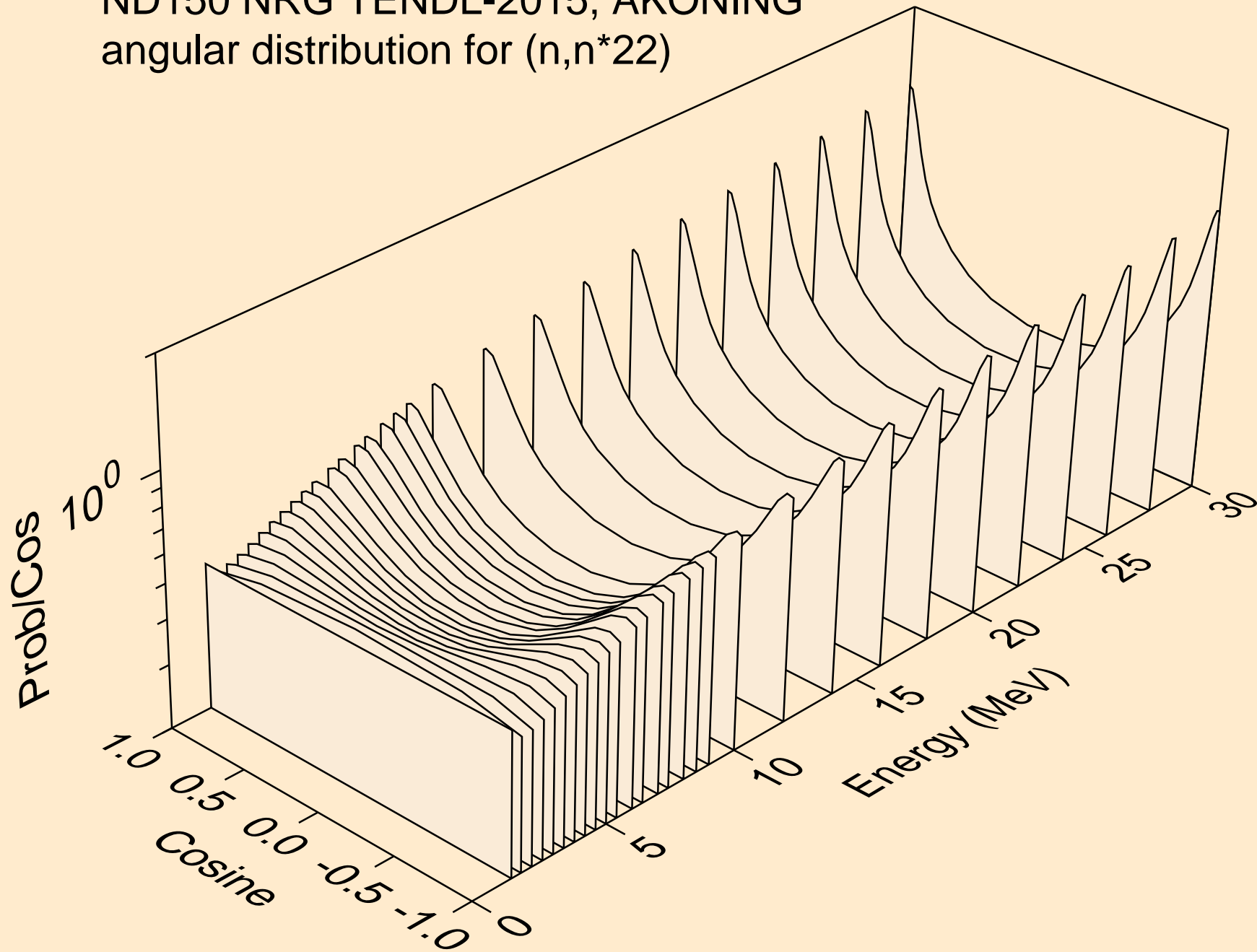


ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

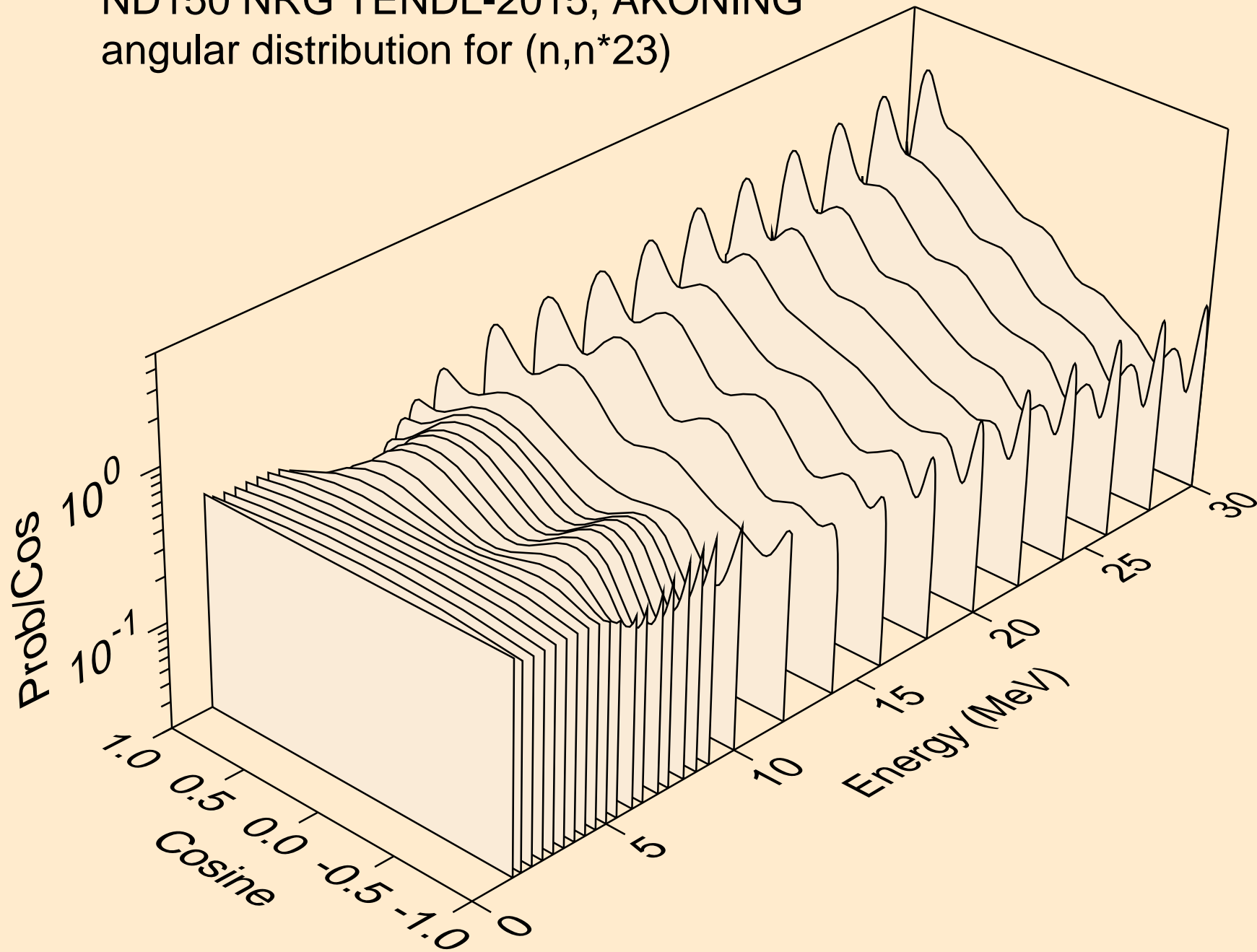




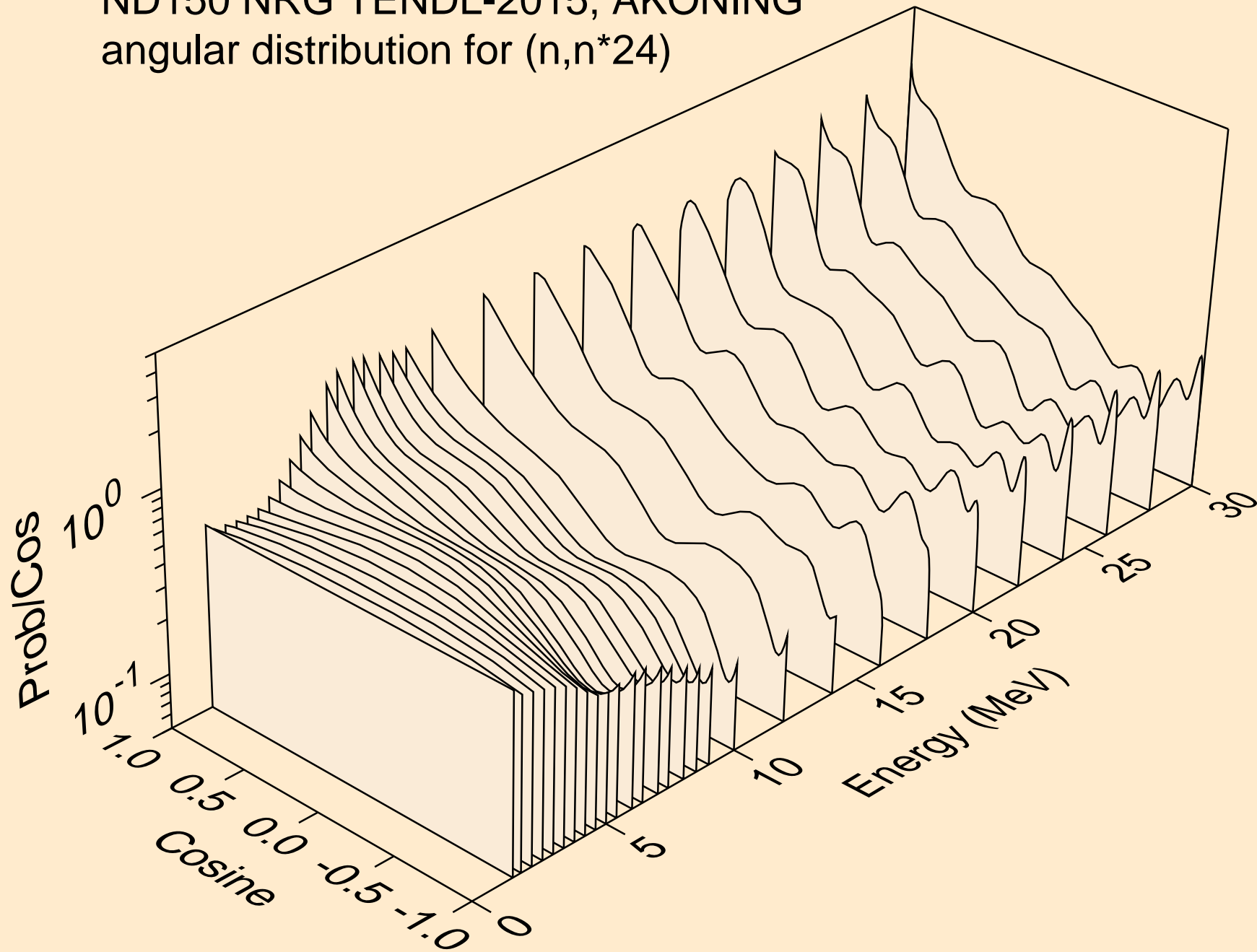
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



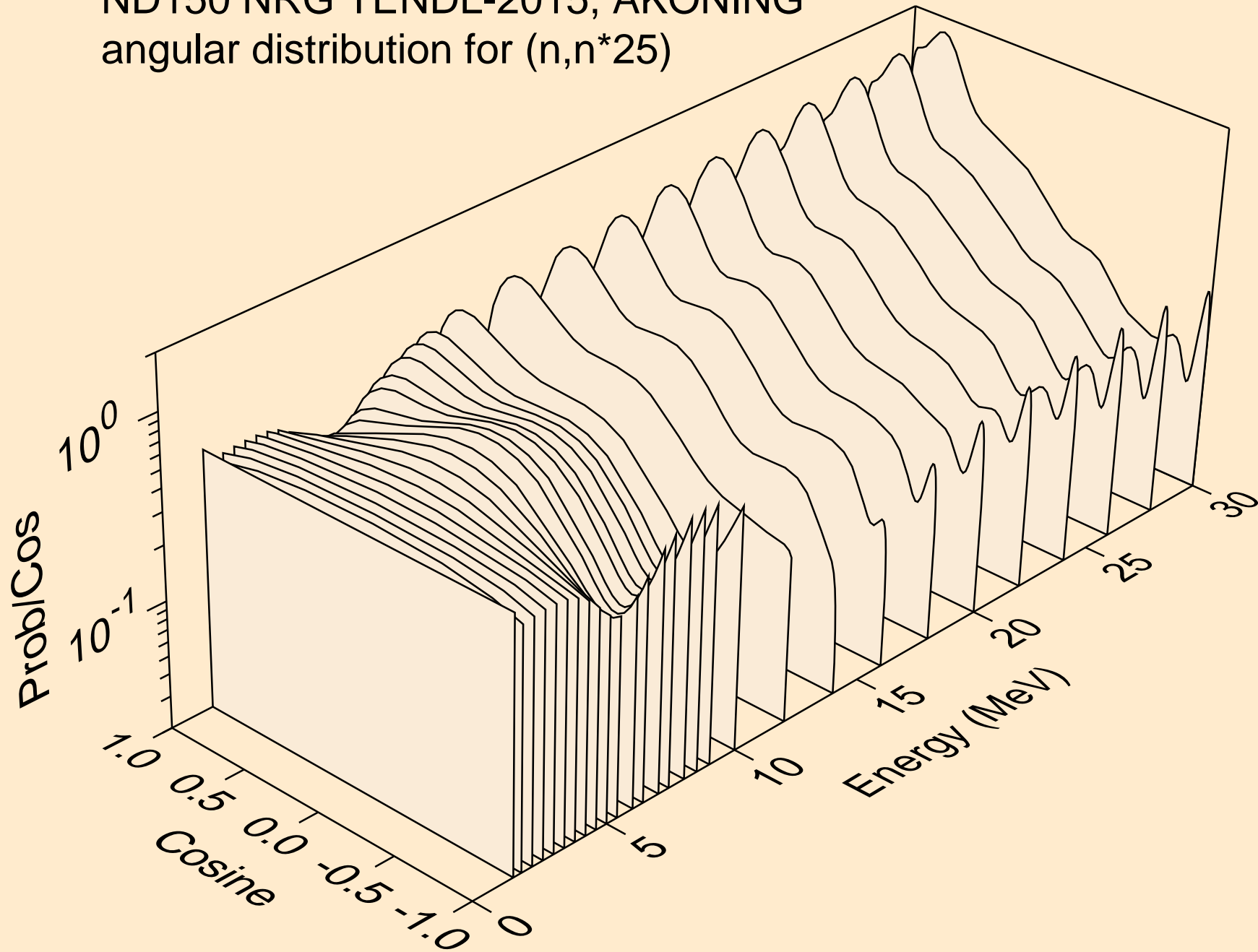
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



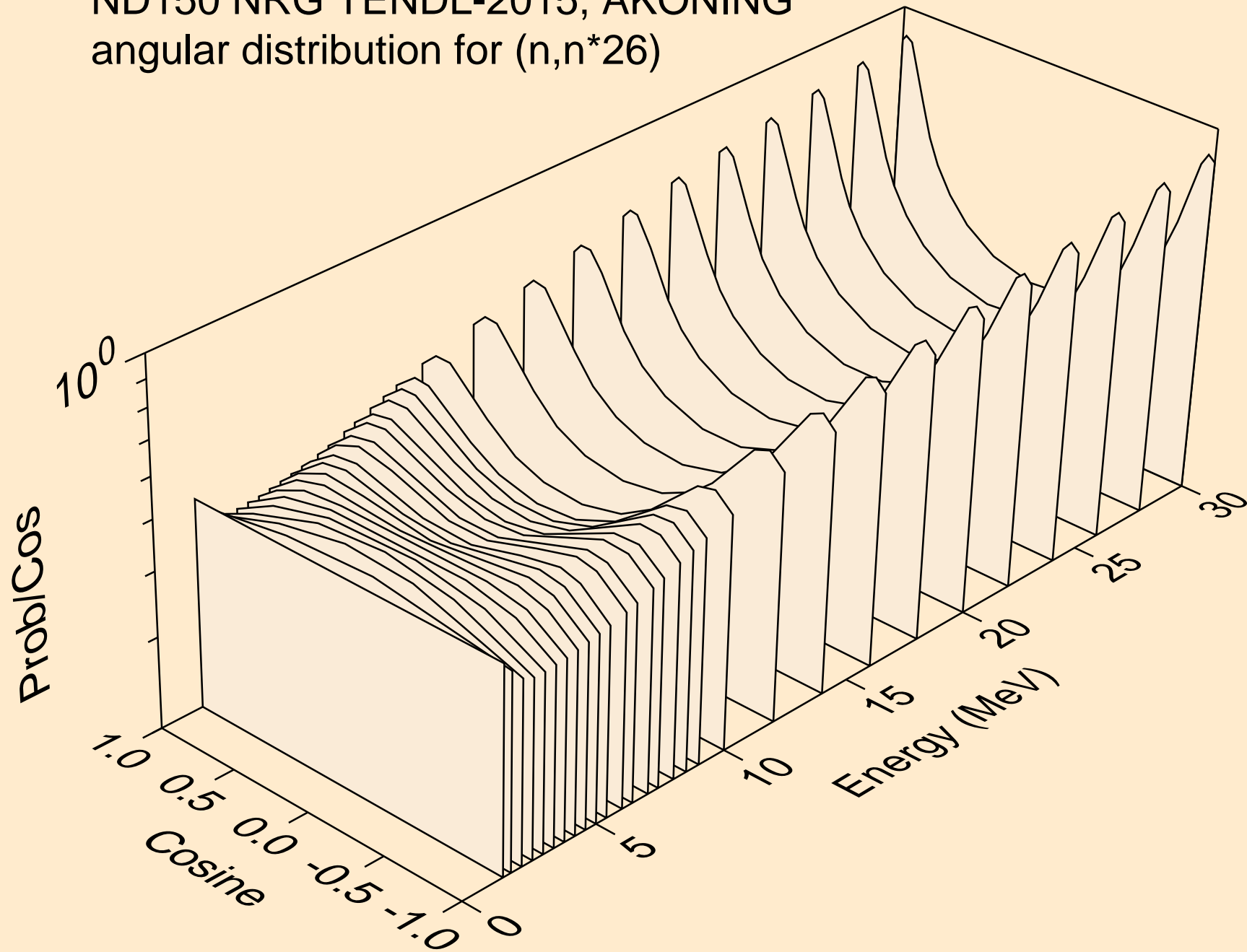
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



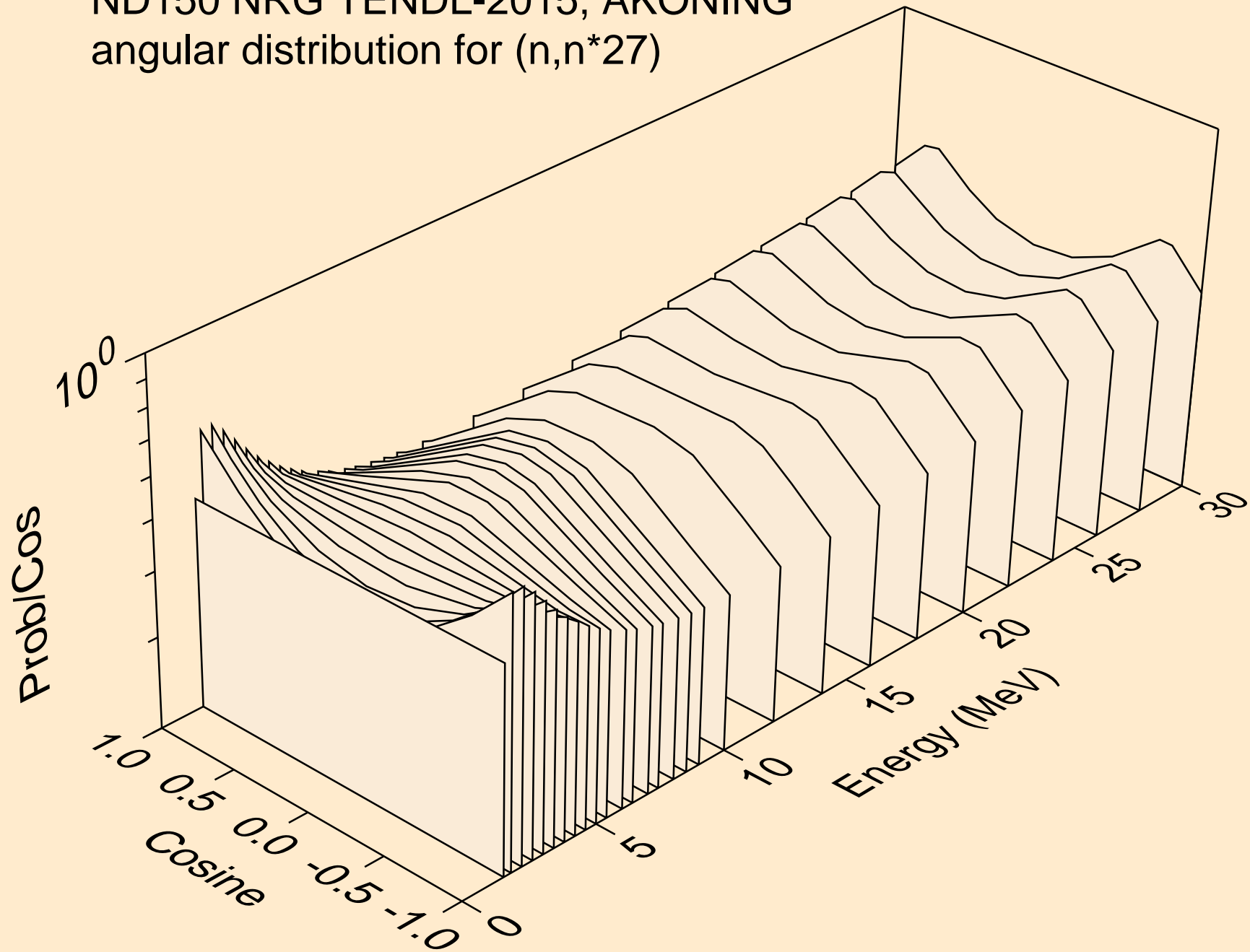
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



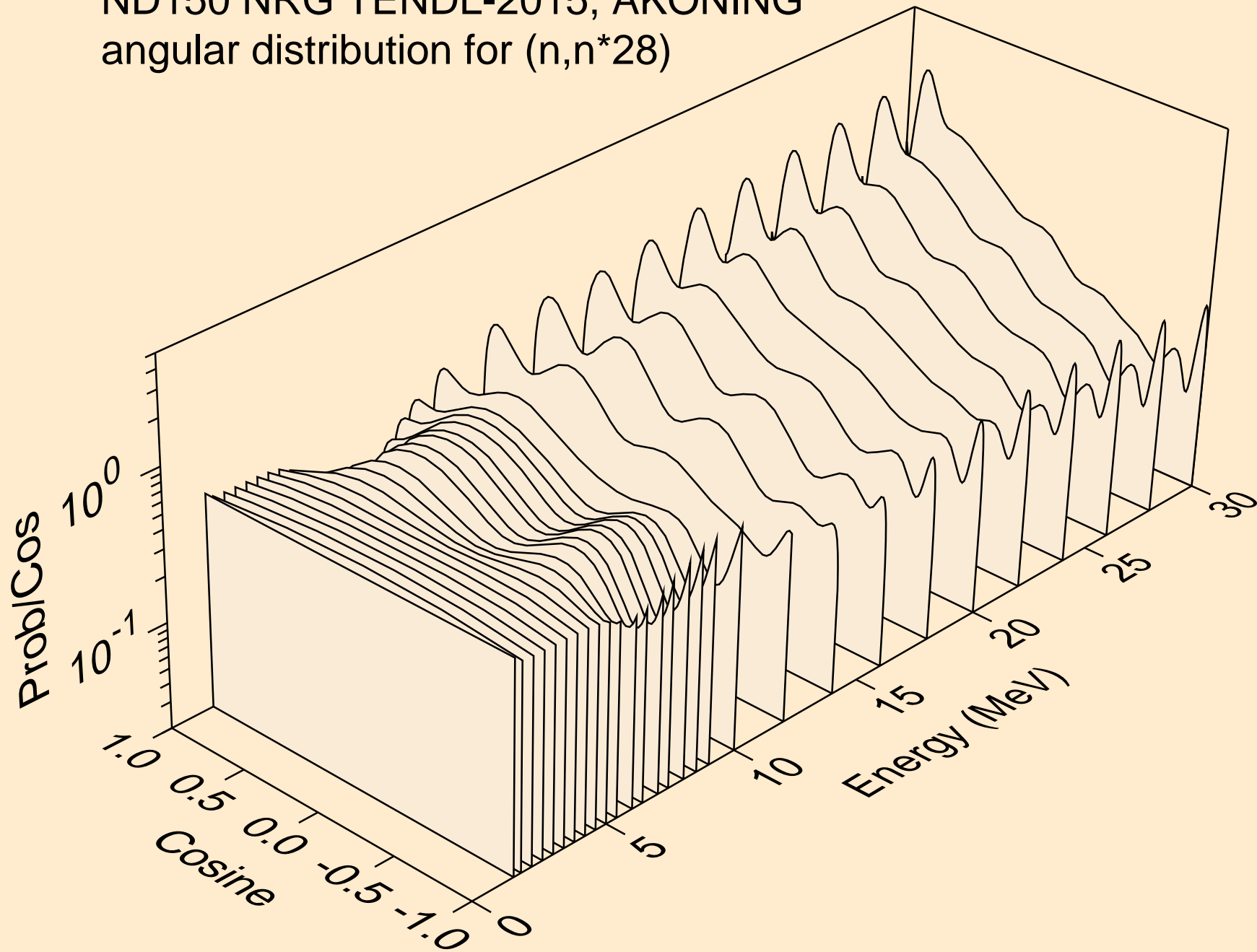
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



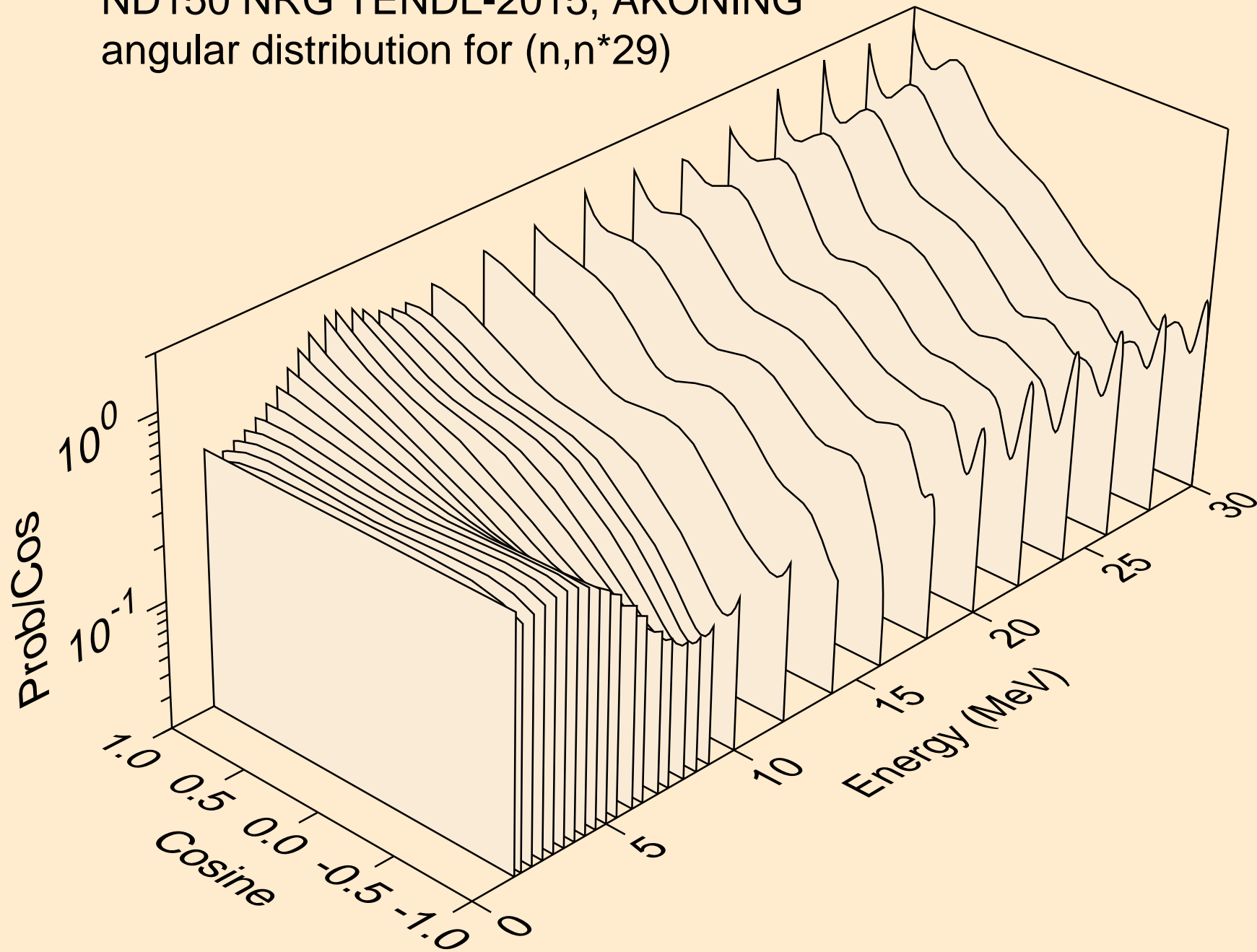
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

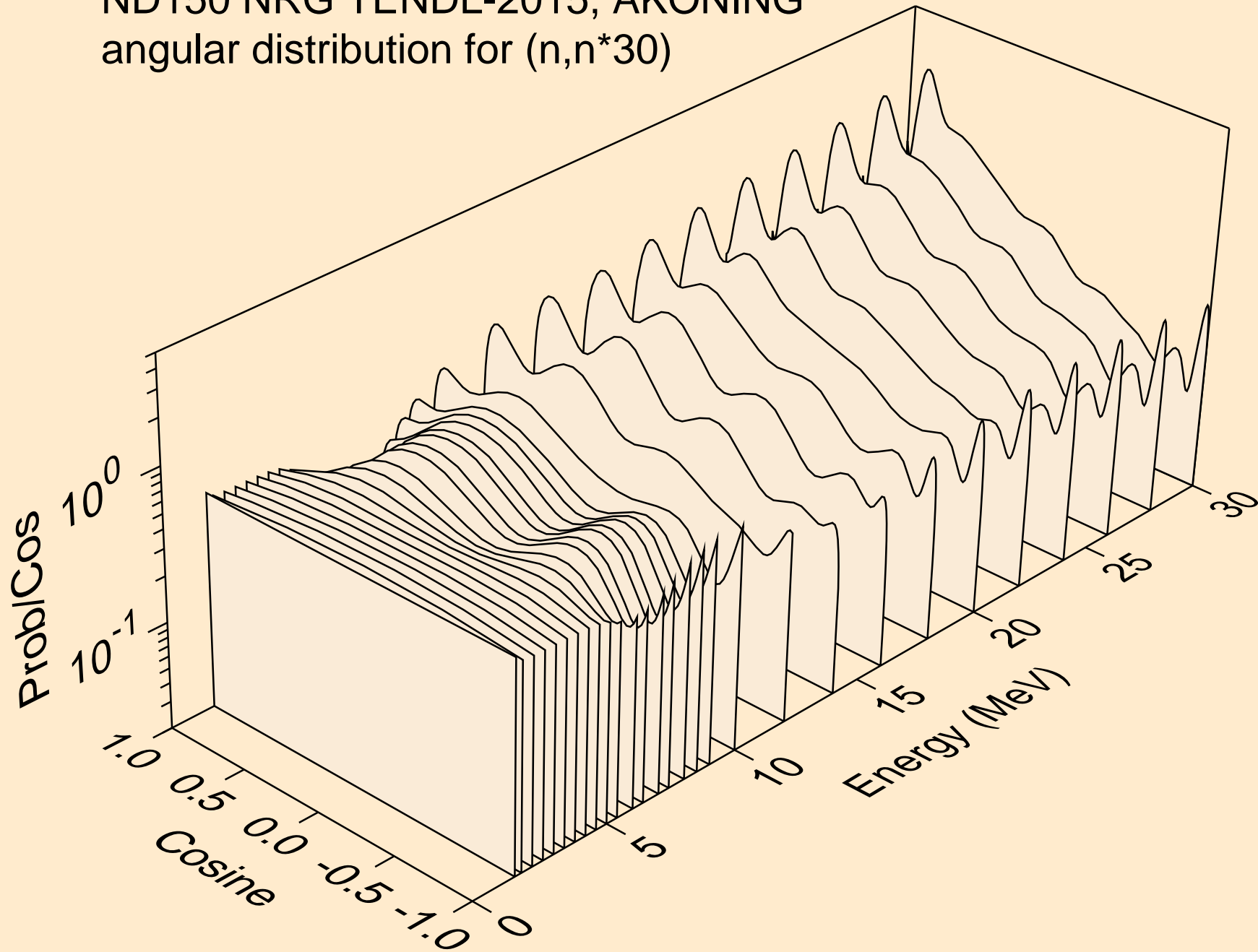


ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

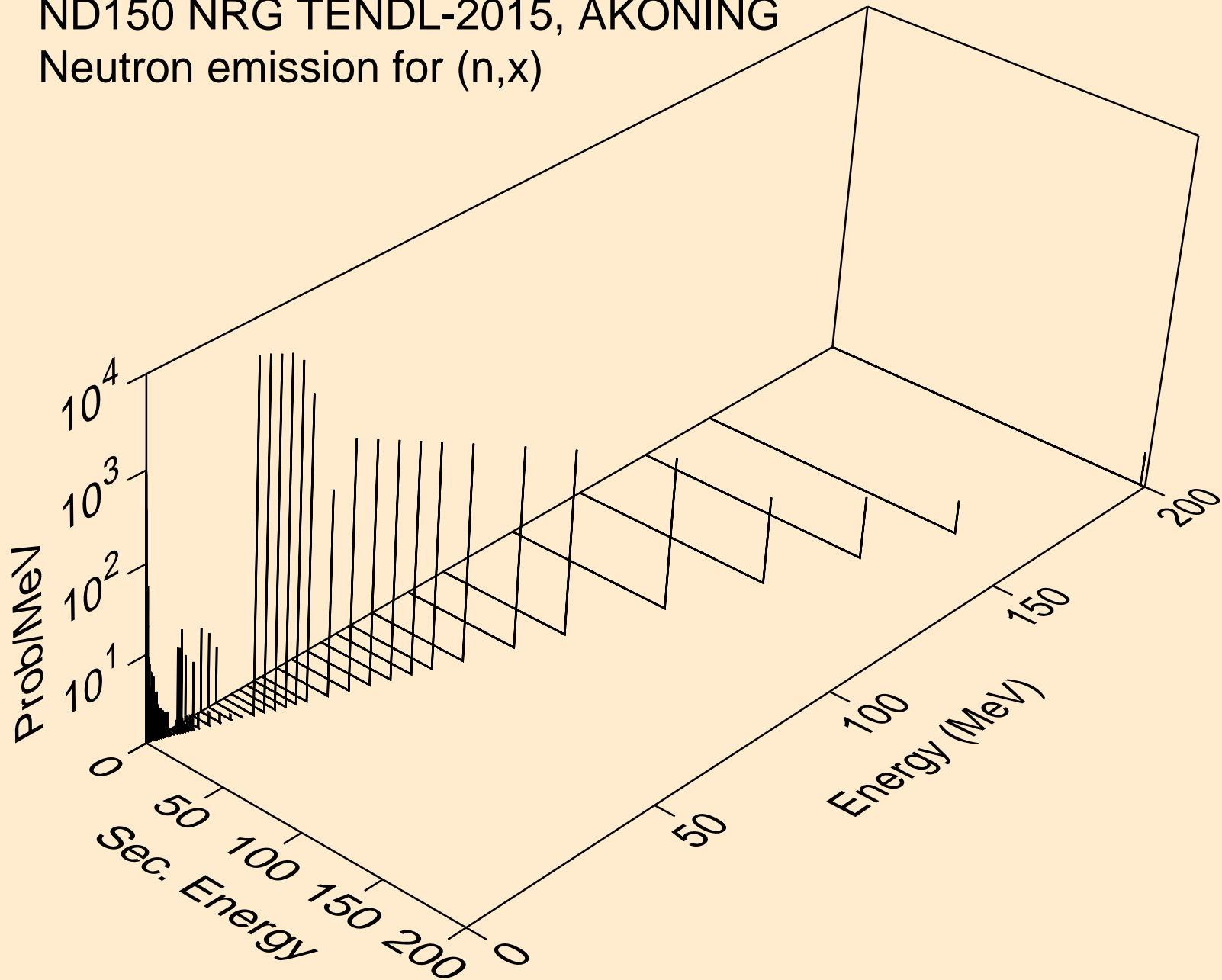




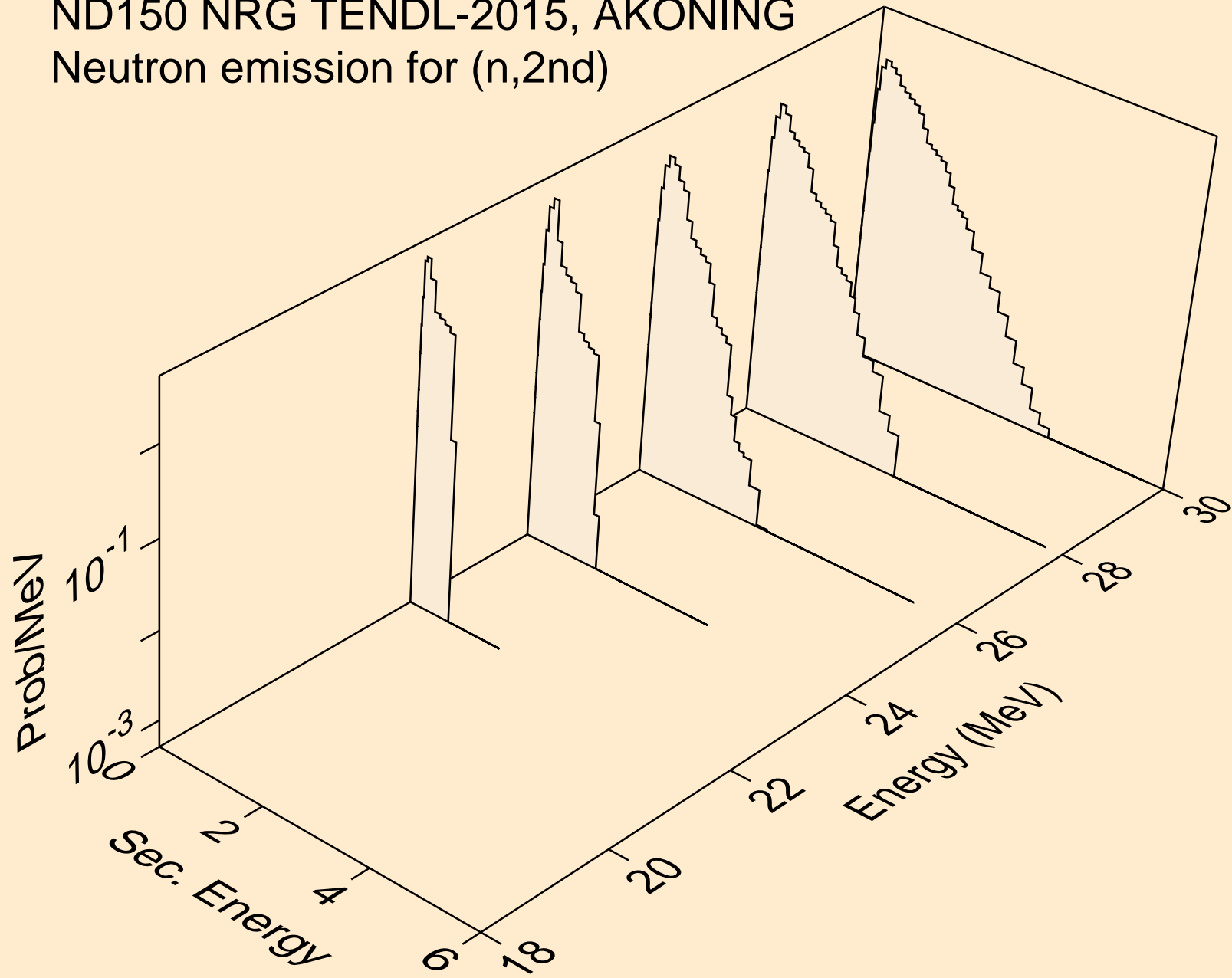
ND150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



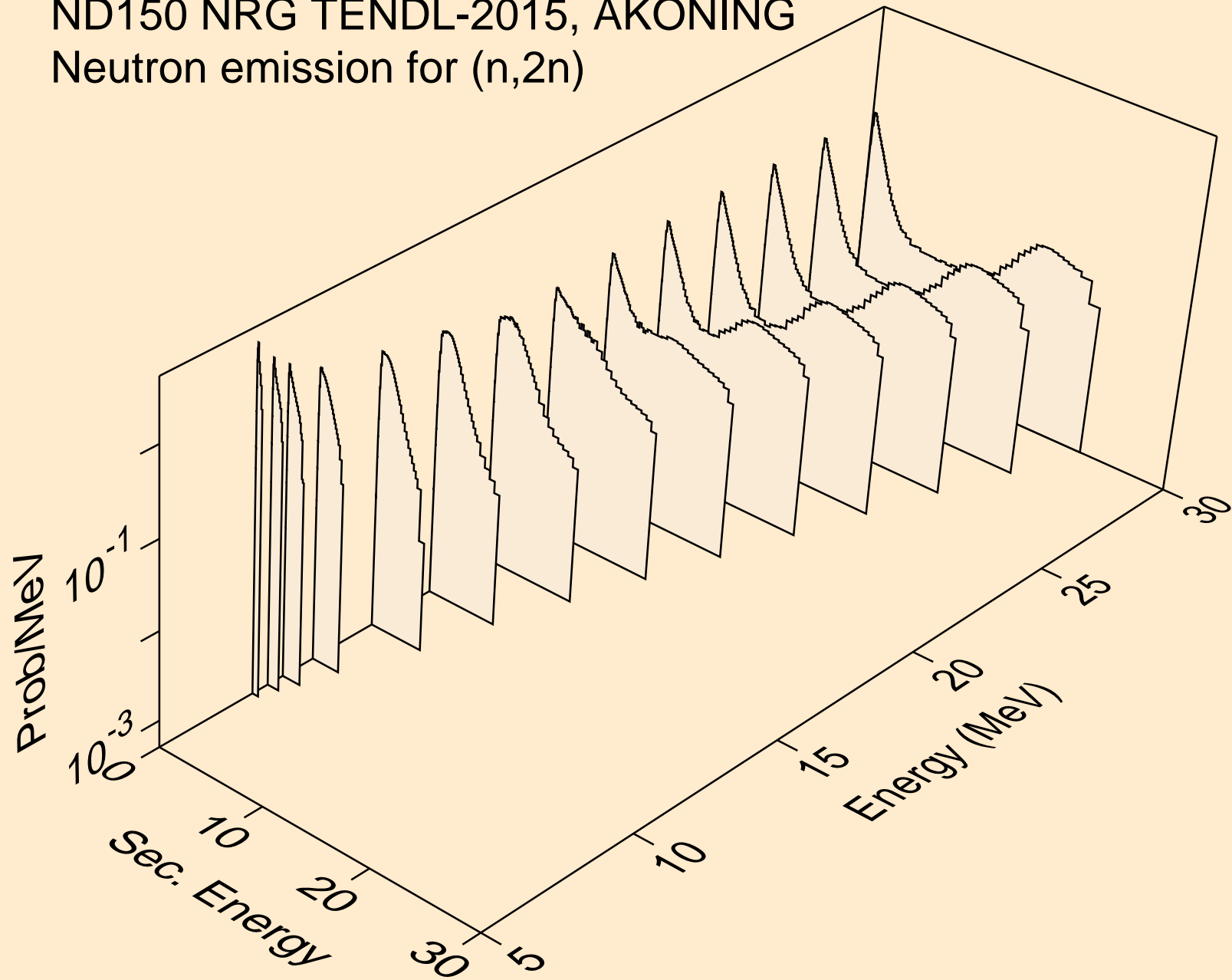
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



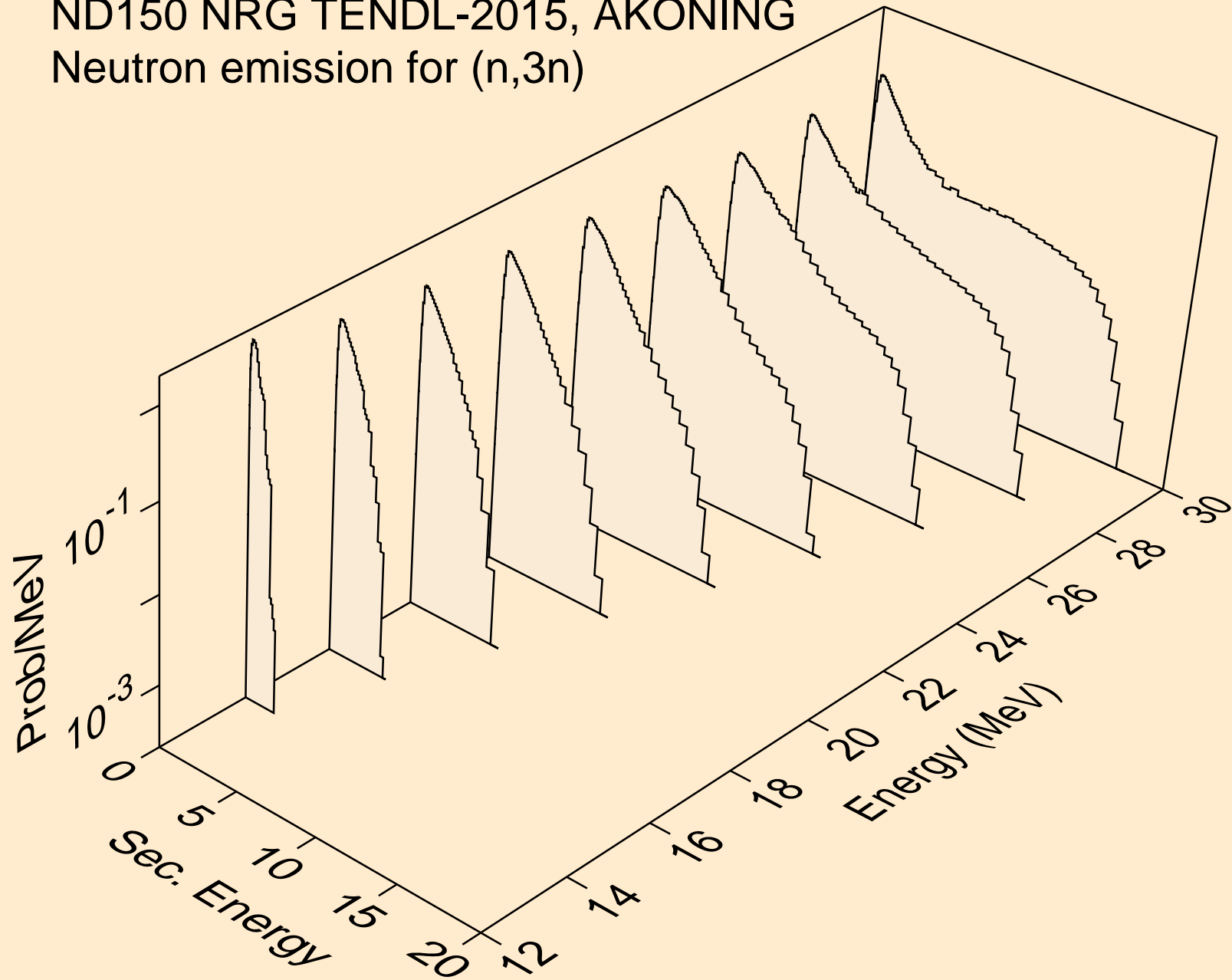
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



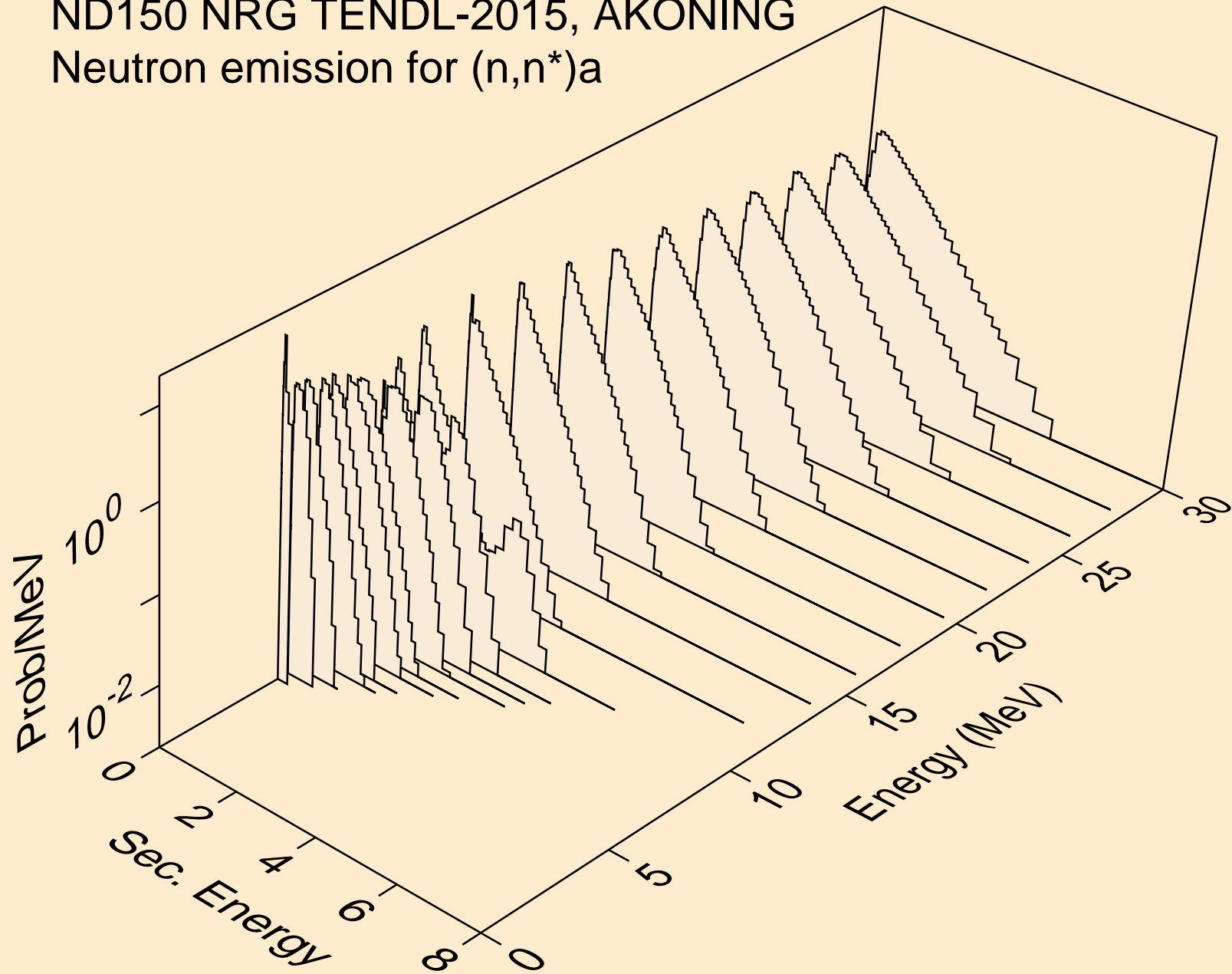
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



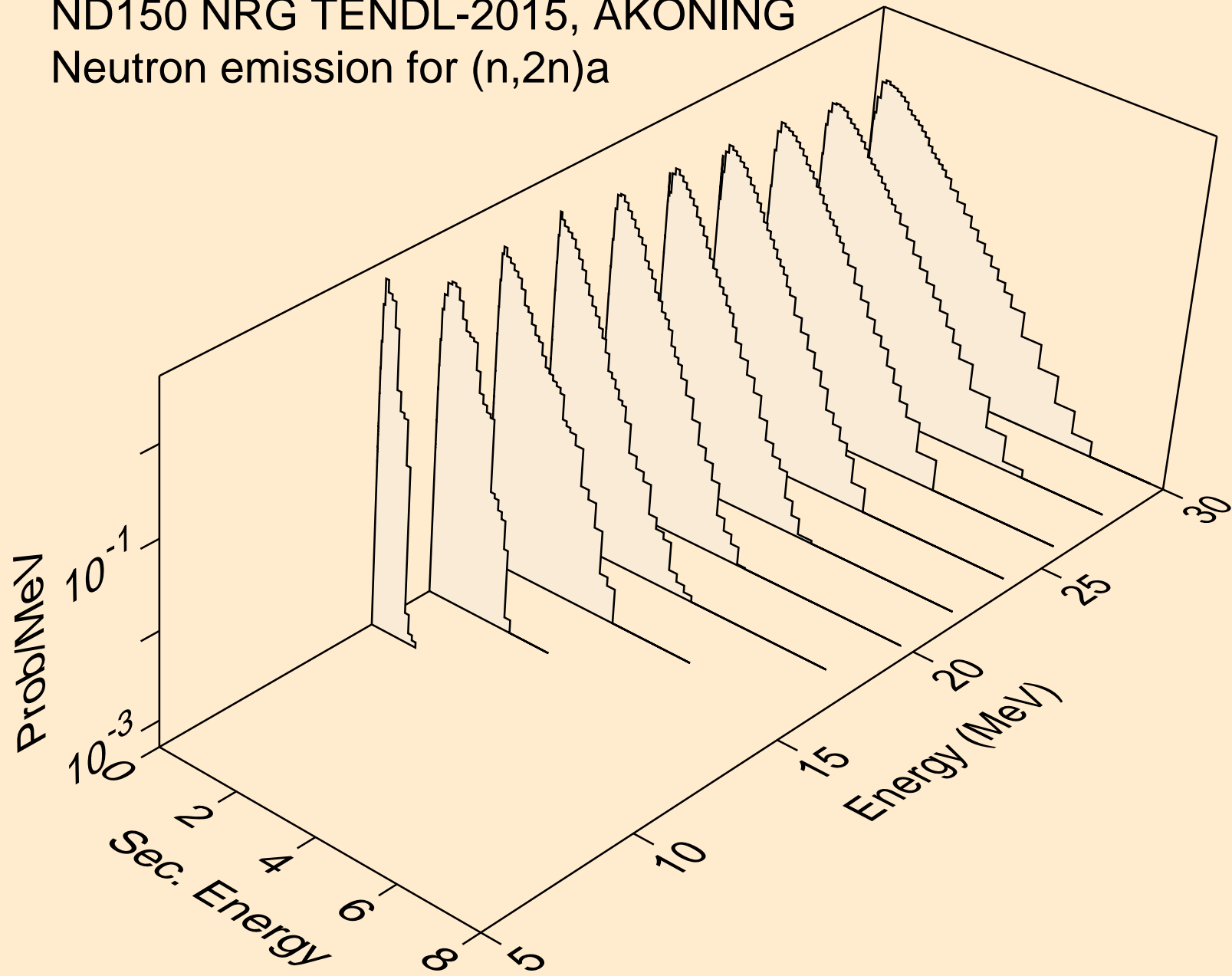
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



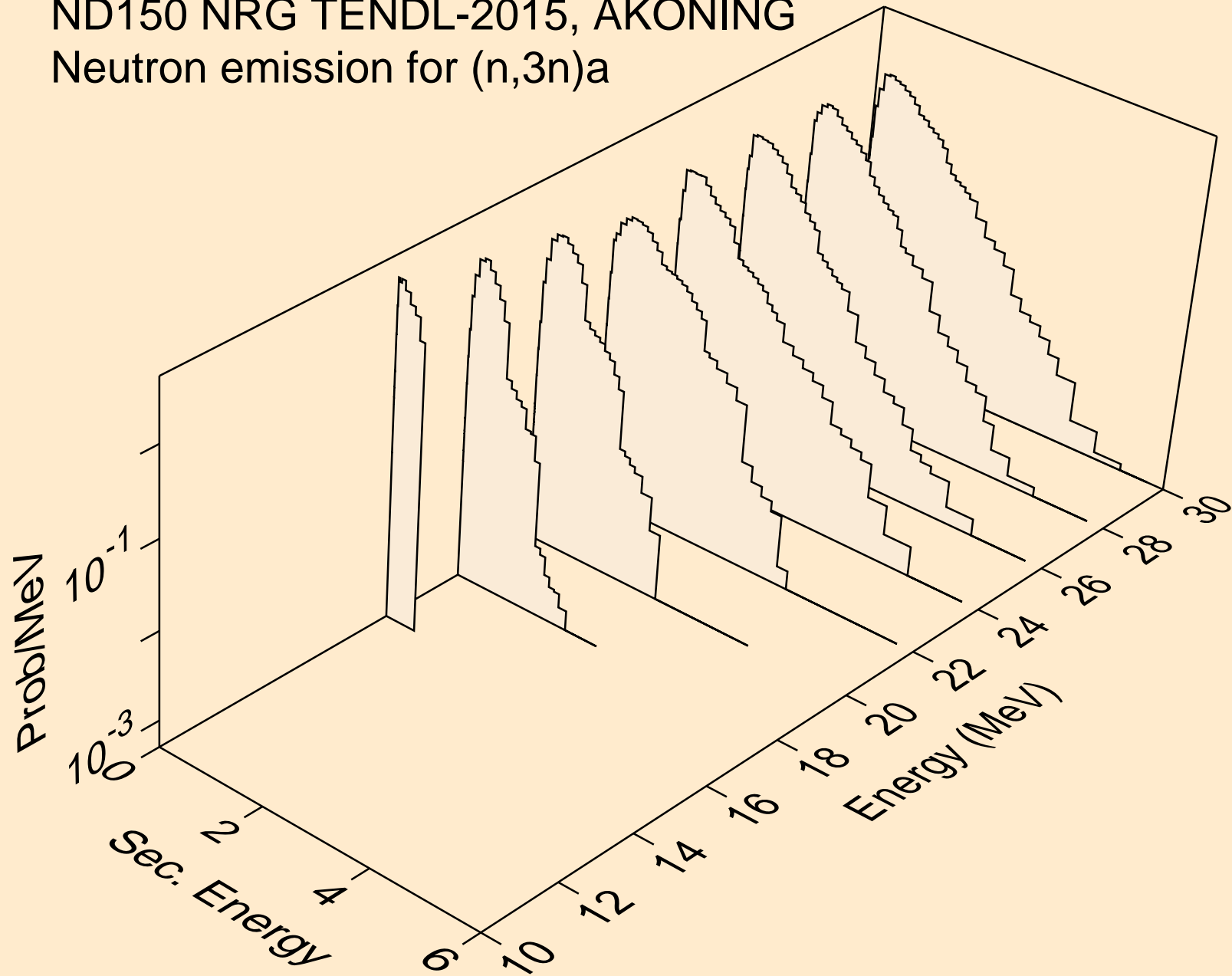
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

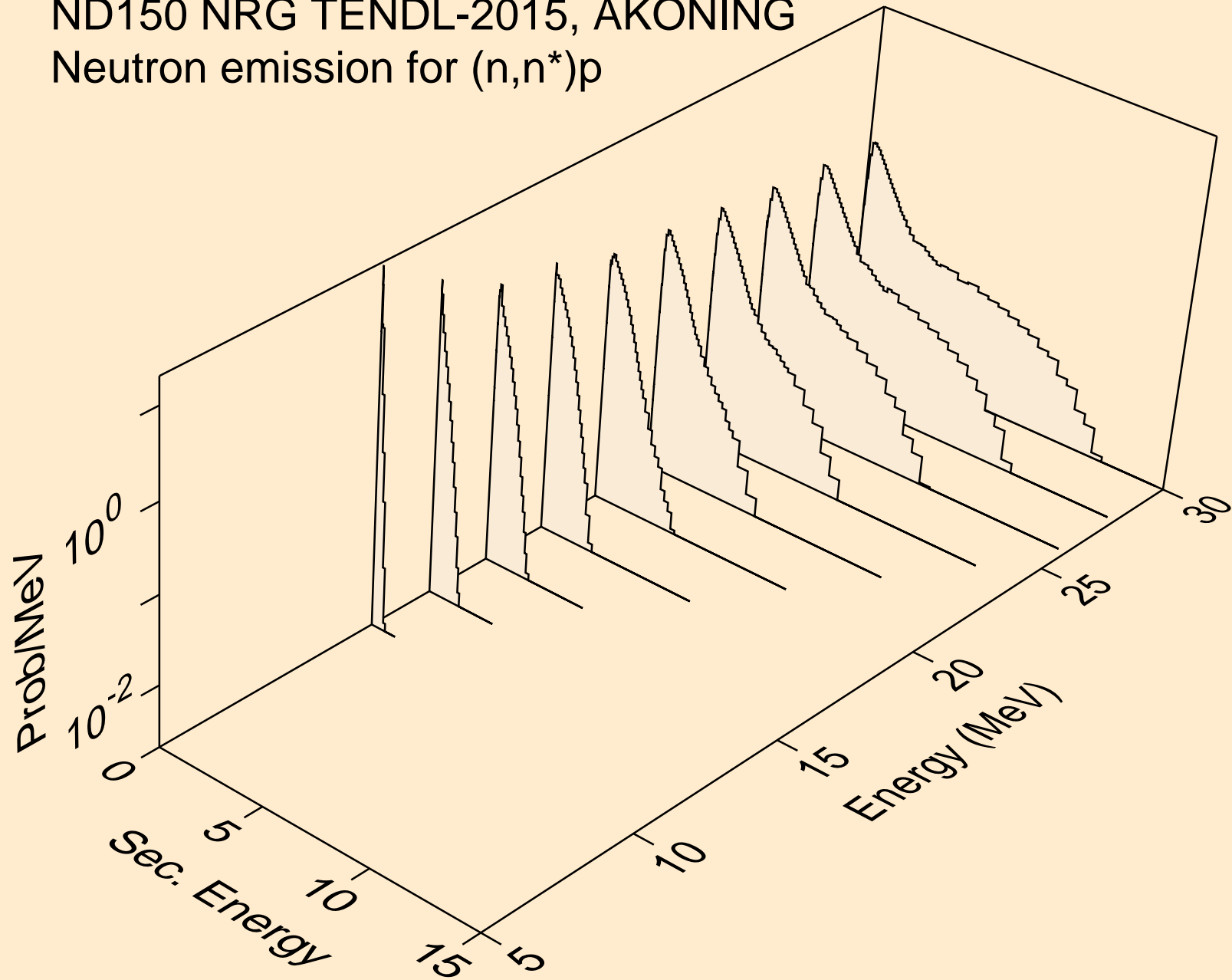


ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

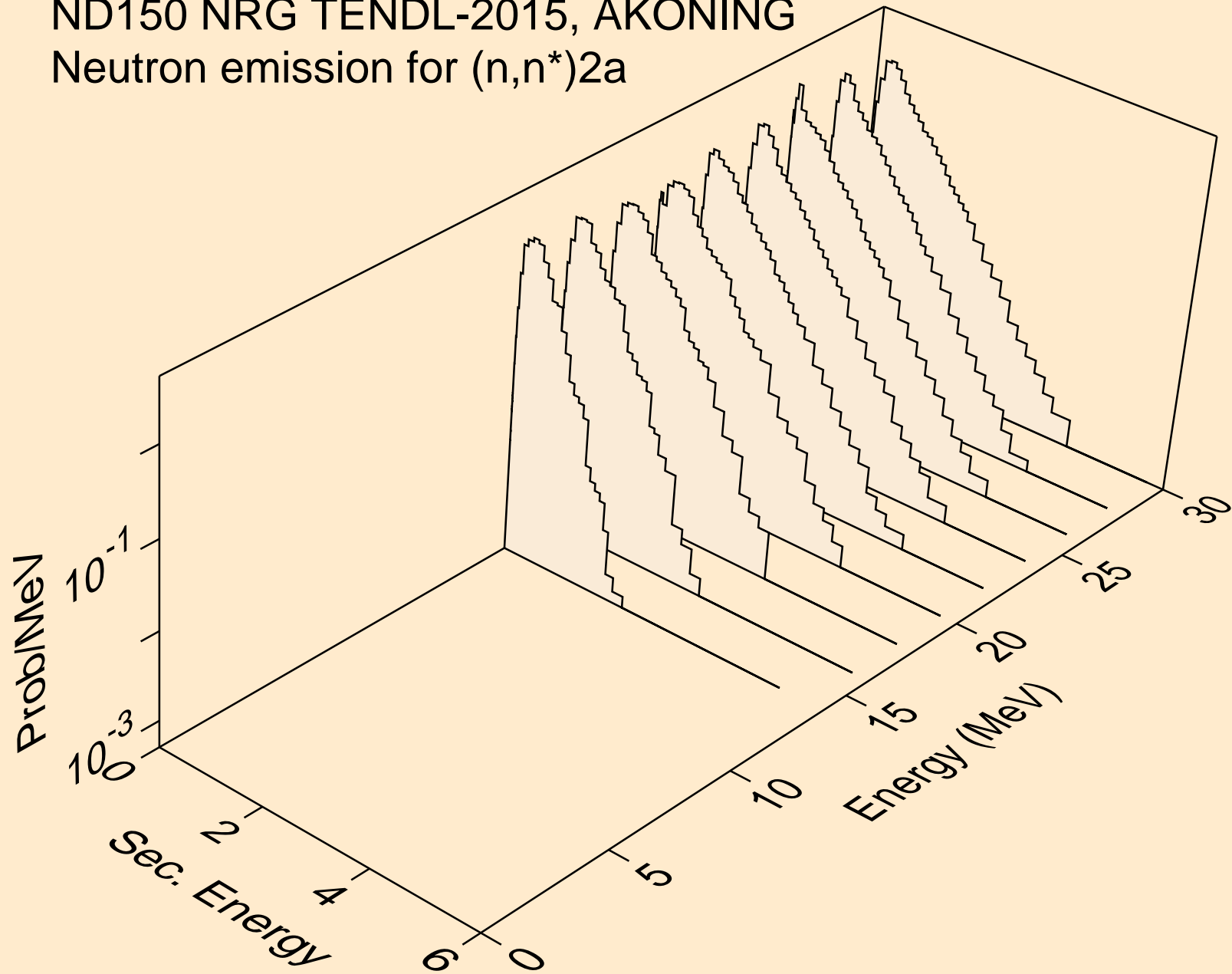




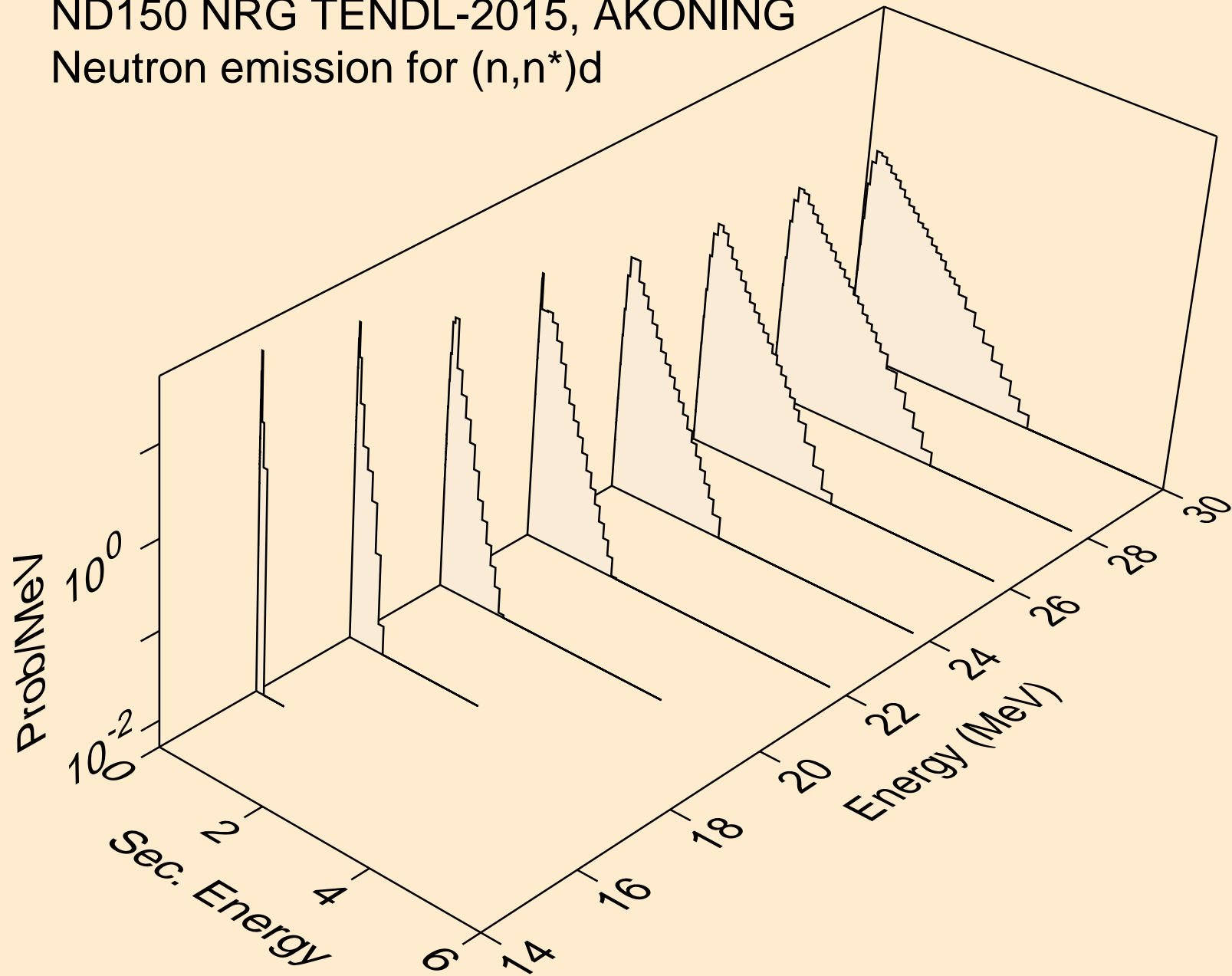
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



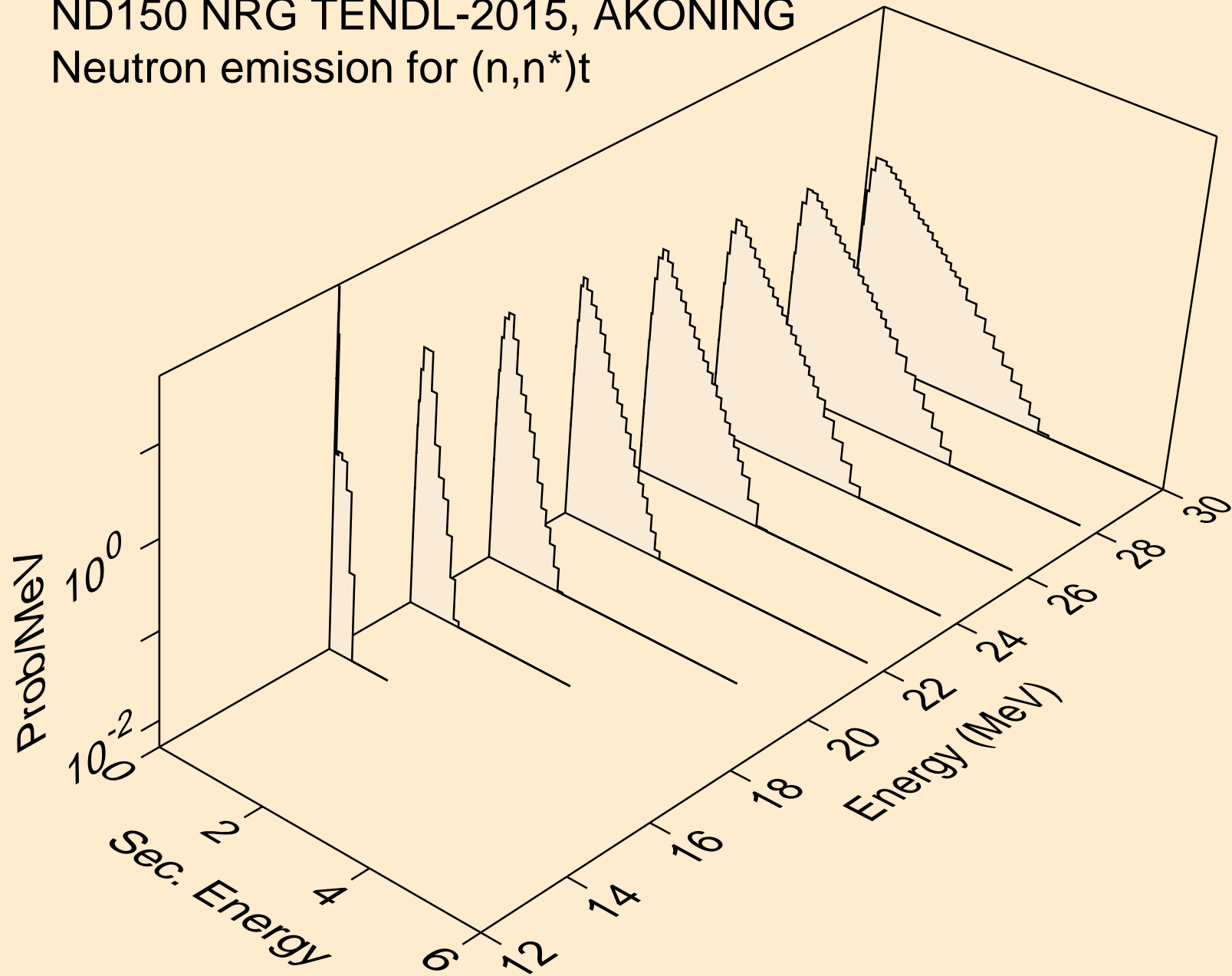
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



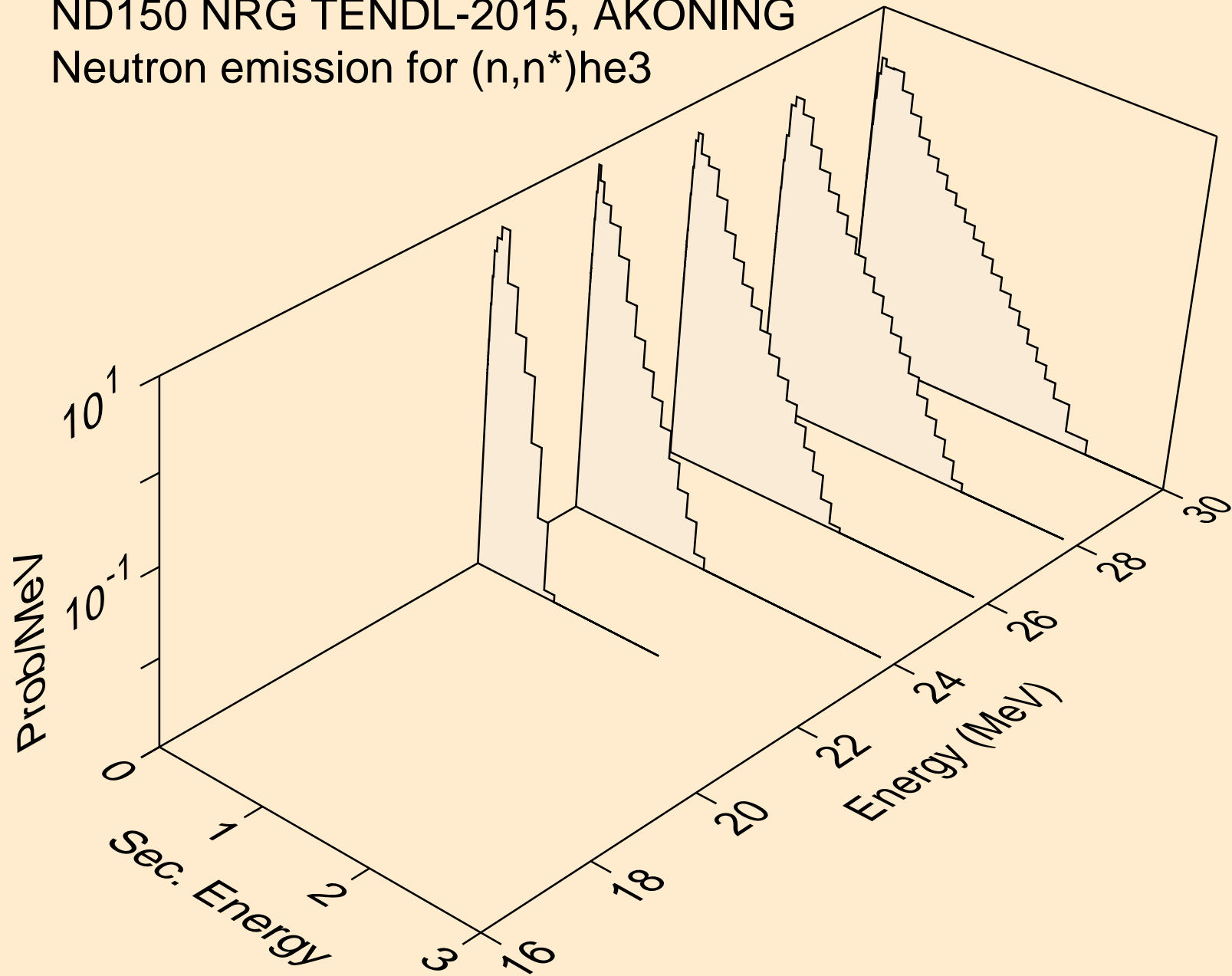
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



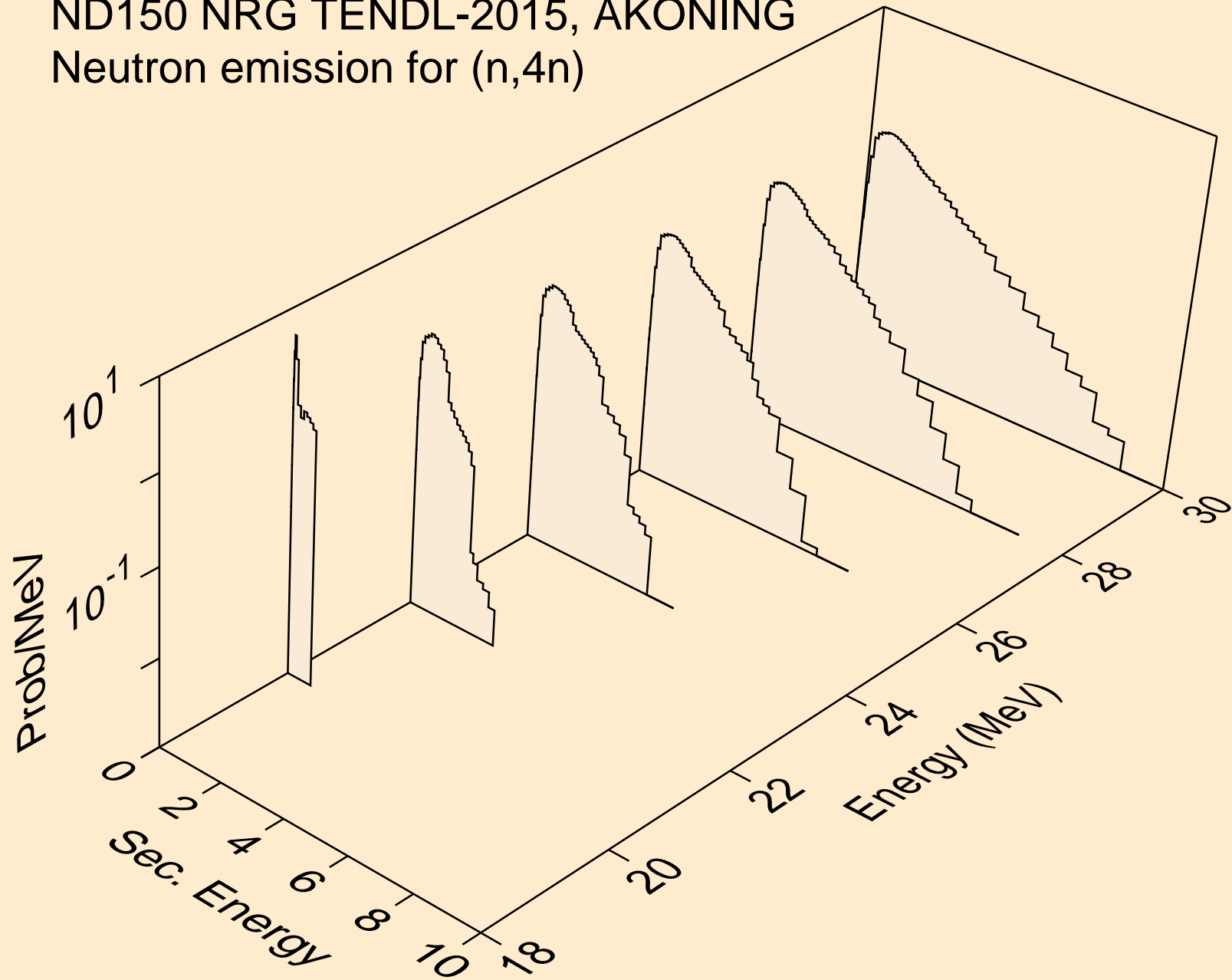
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



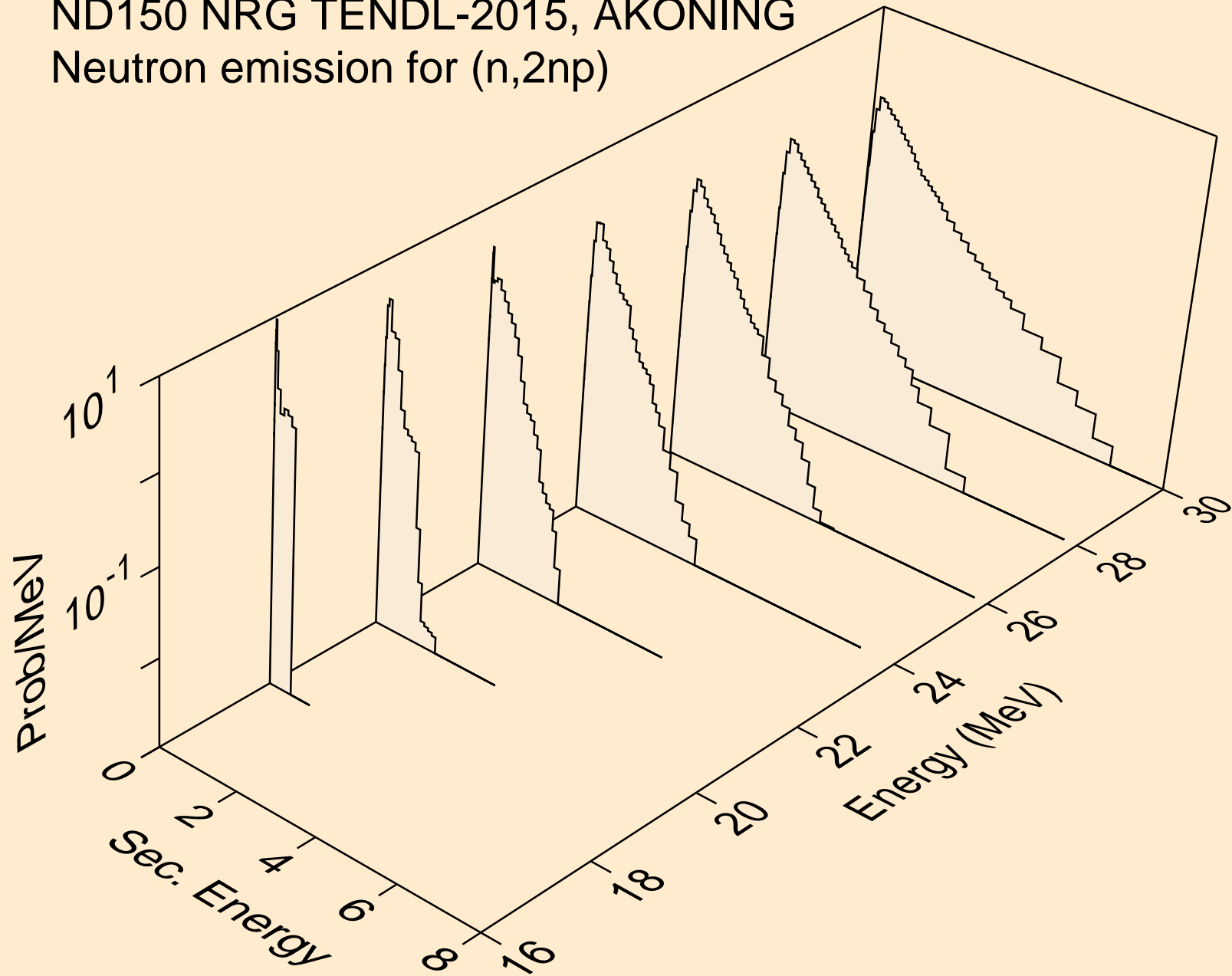
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



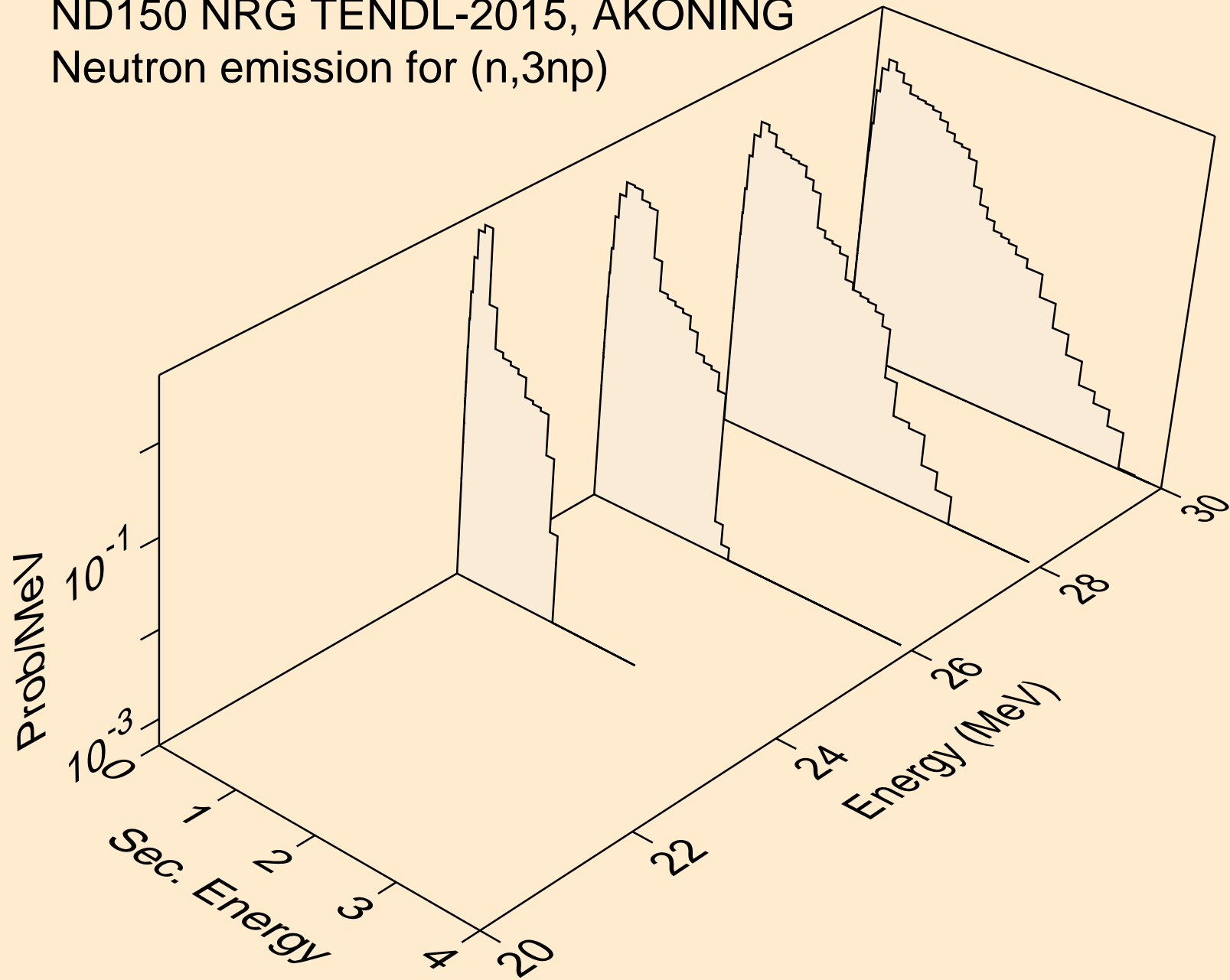
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

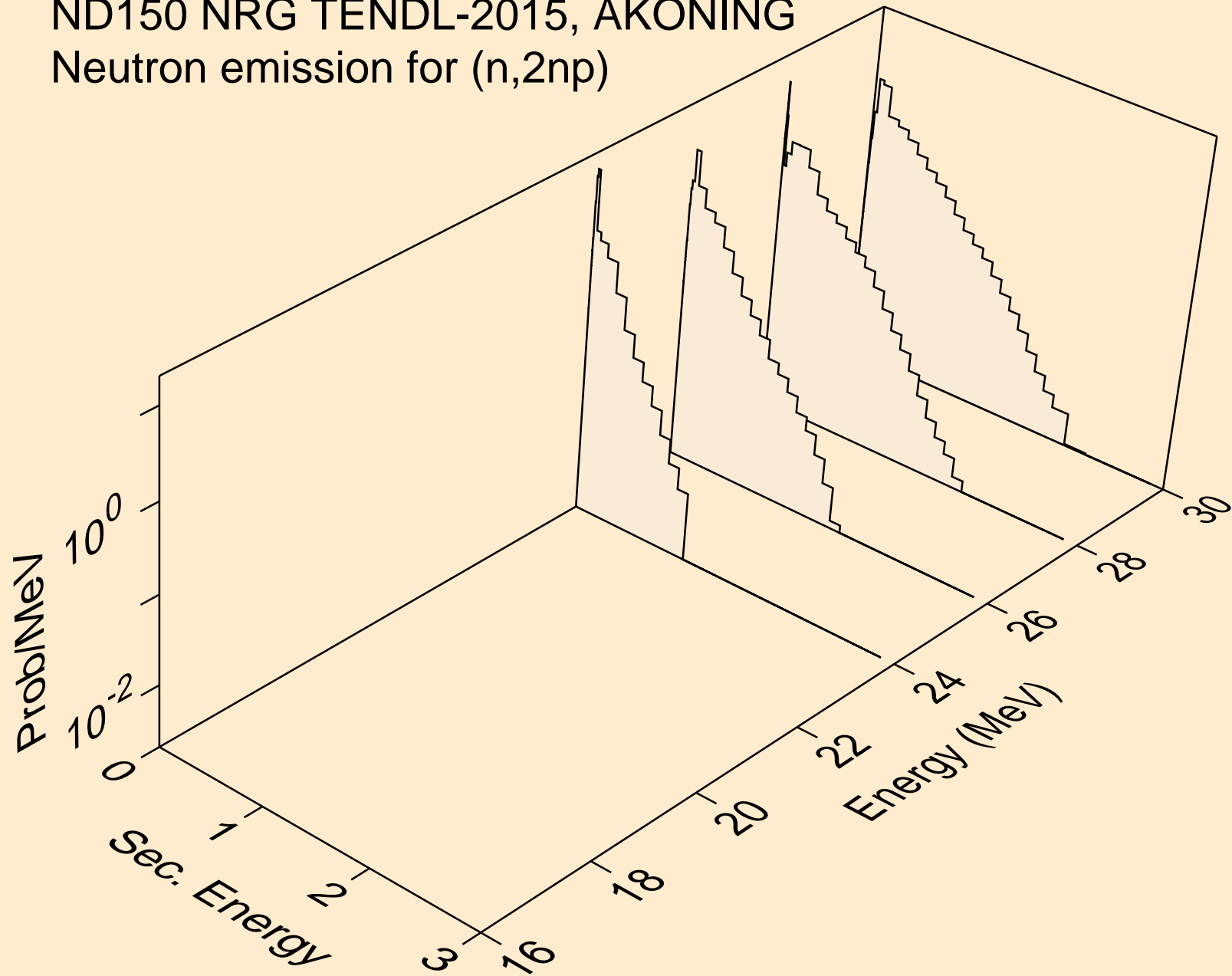


ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

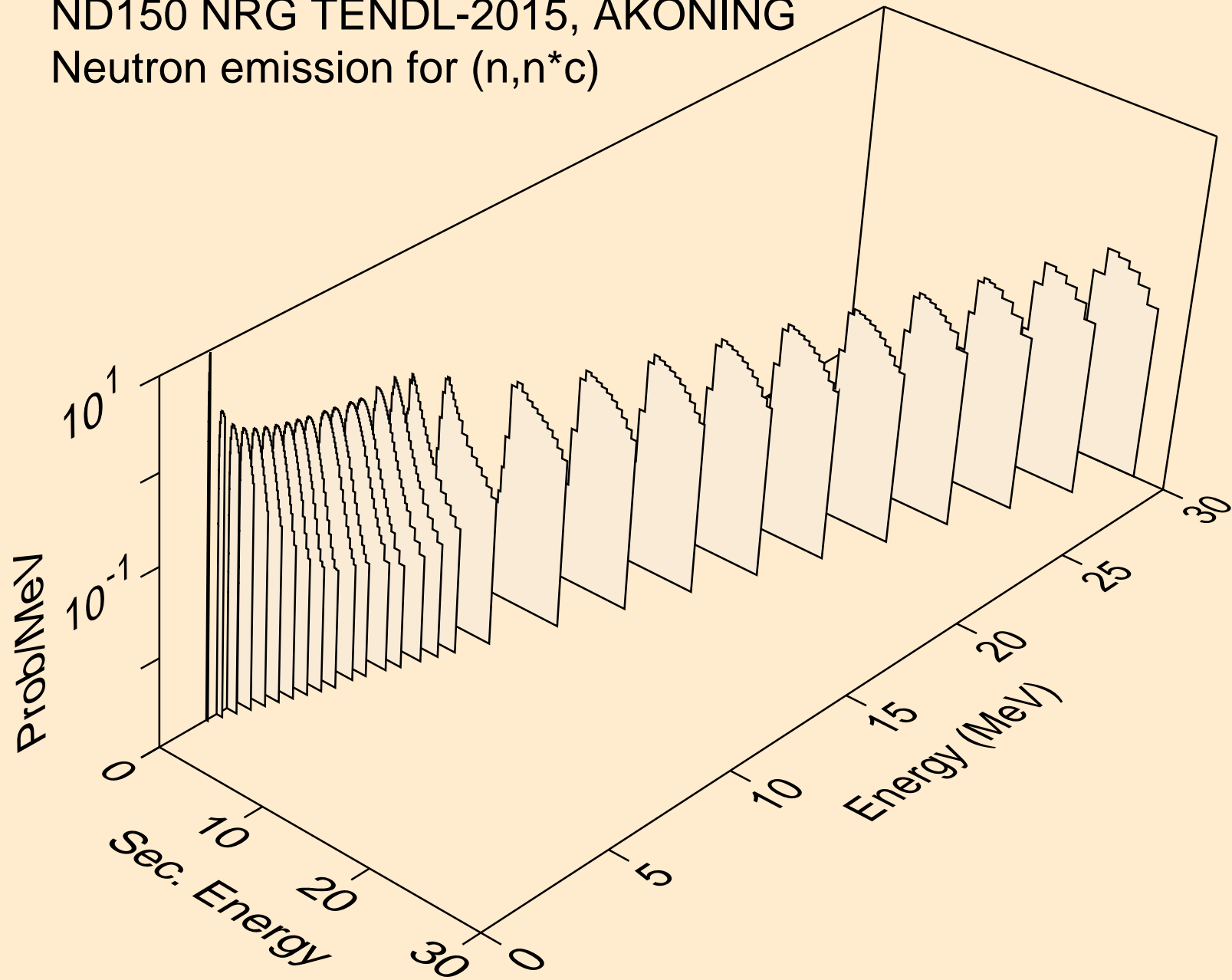




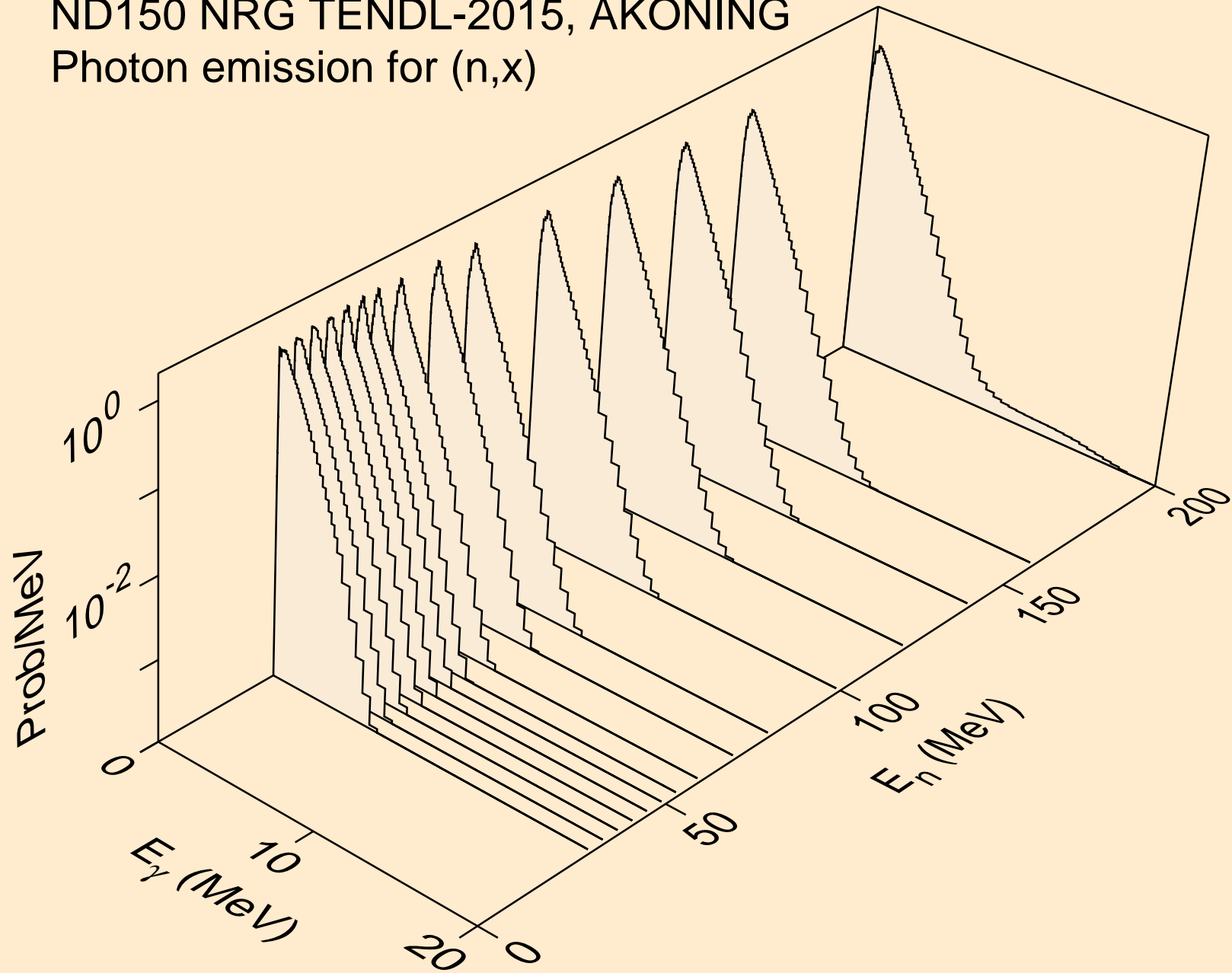
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



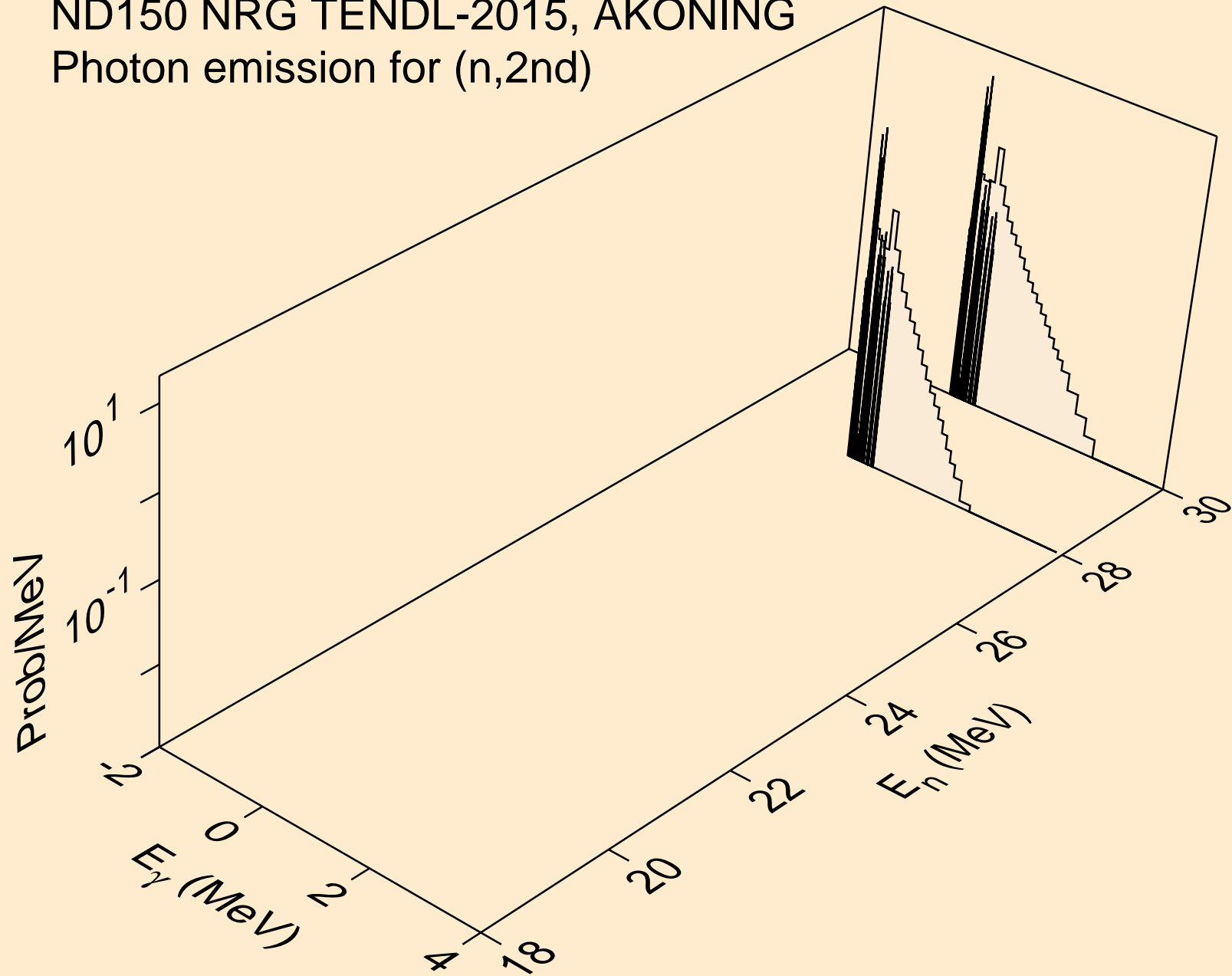
ND150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



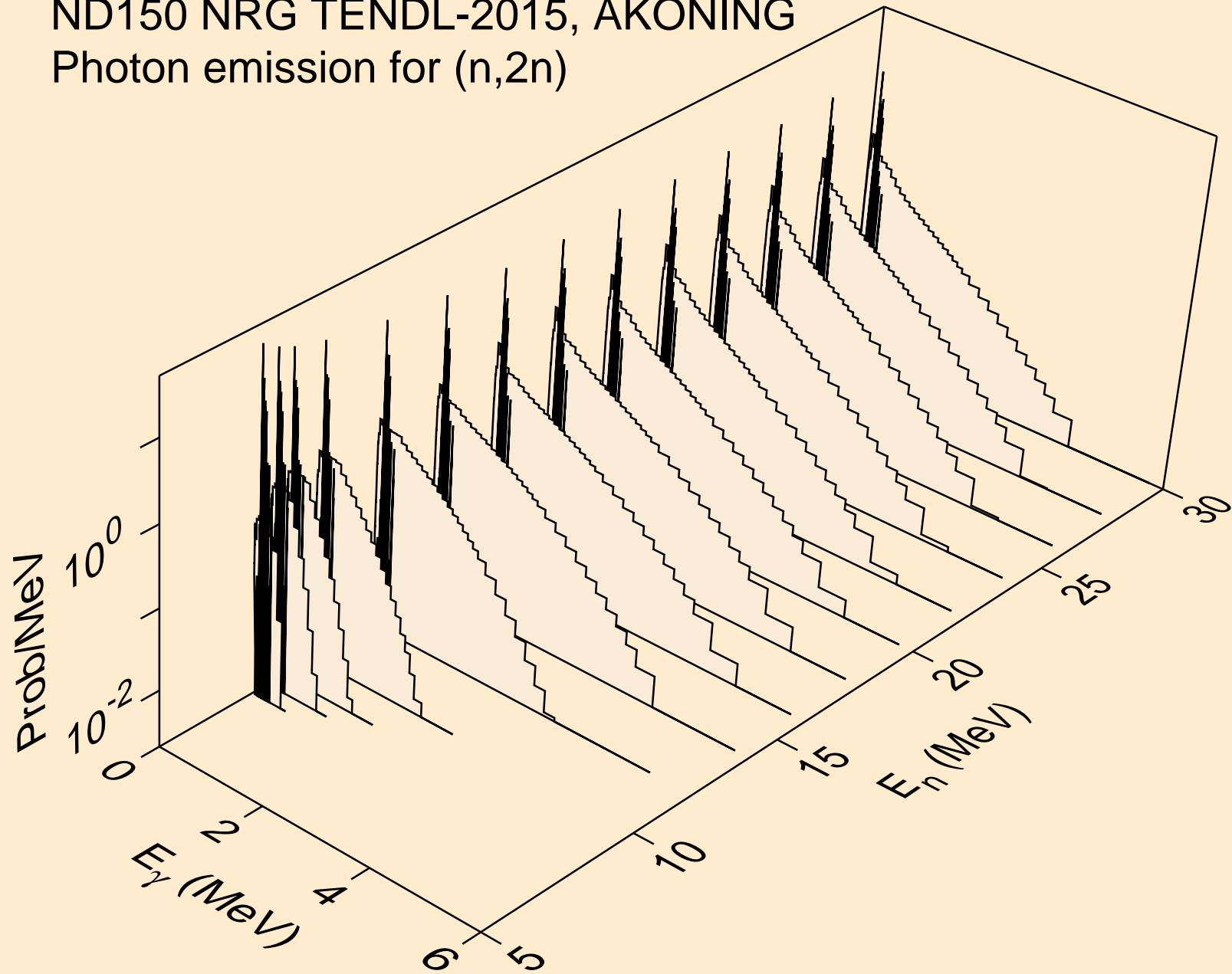
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



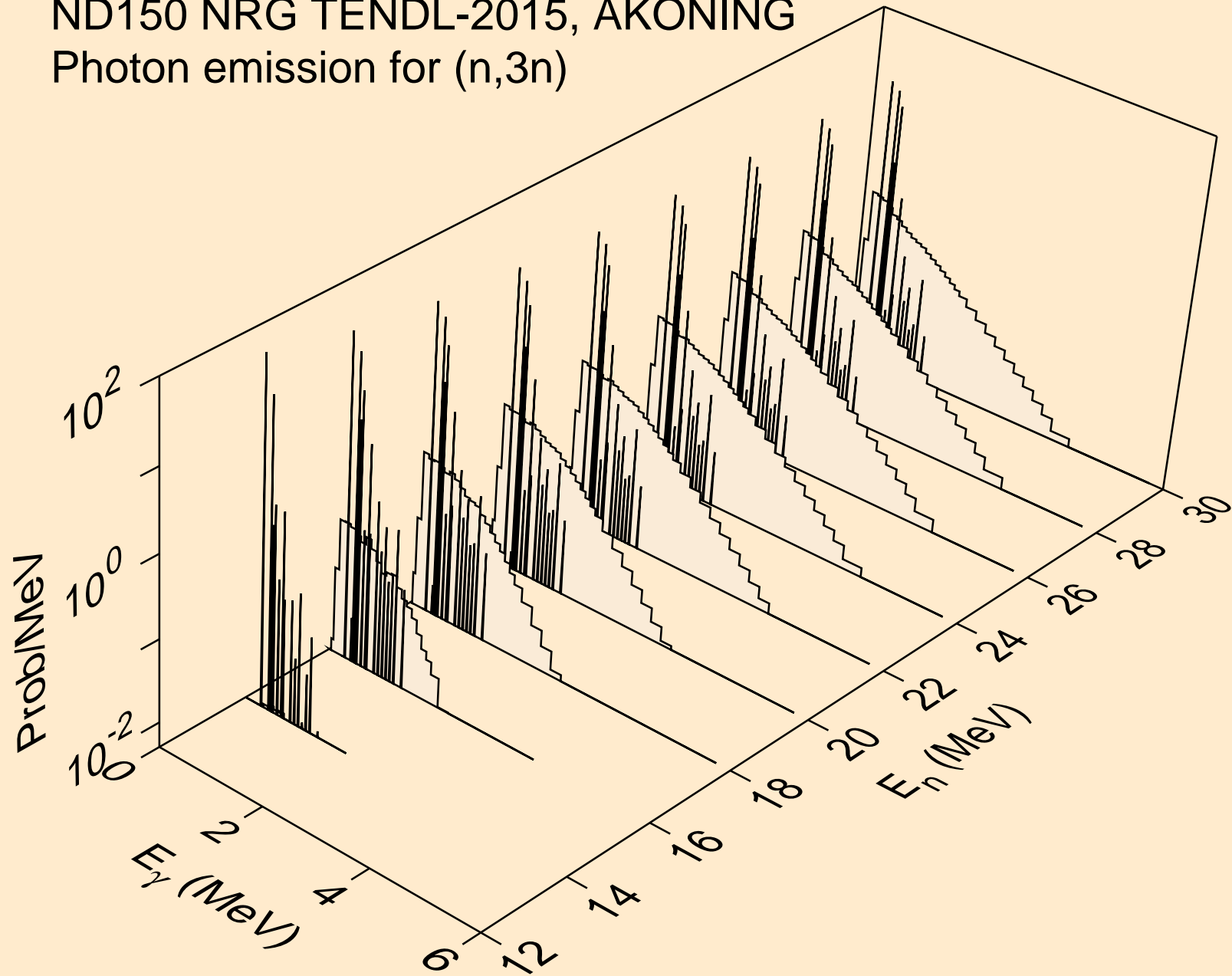
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



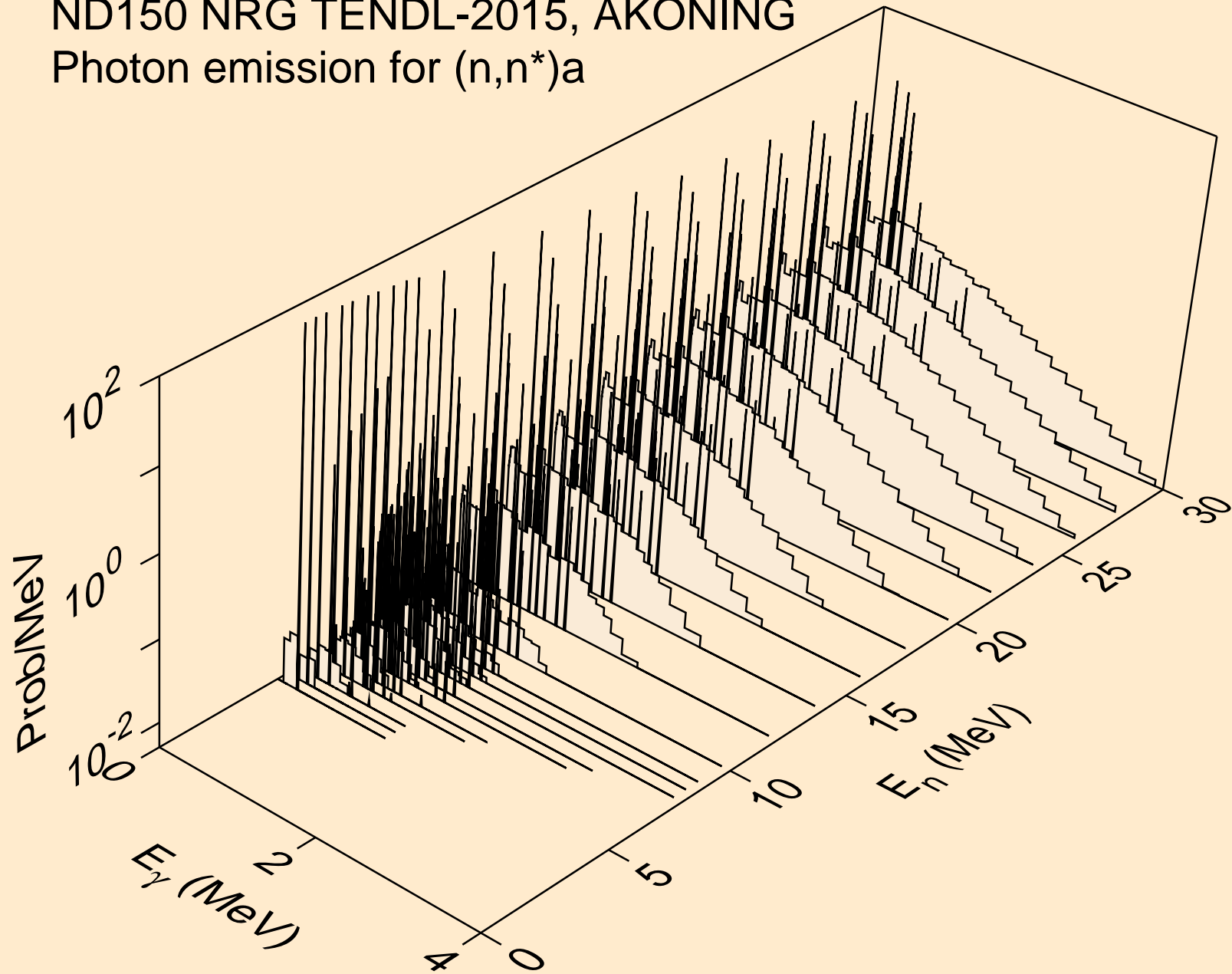
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



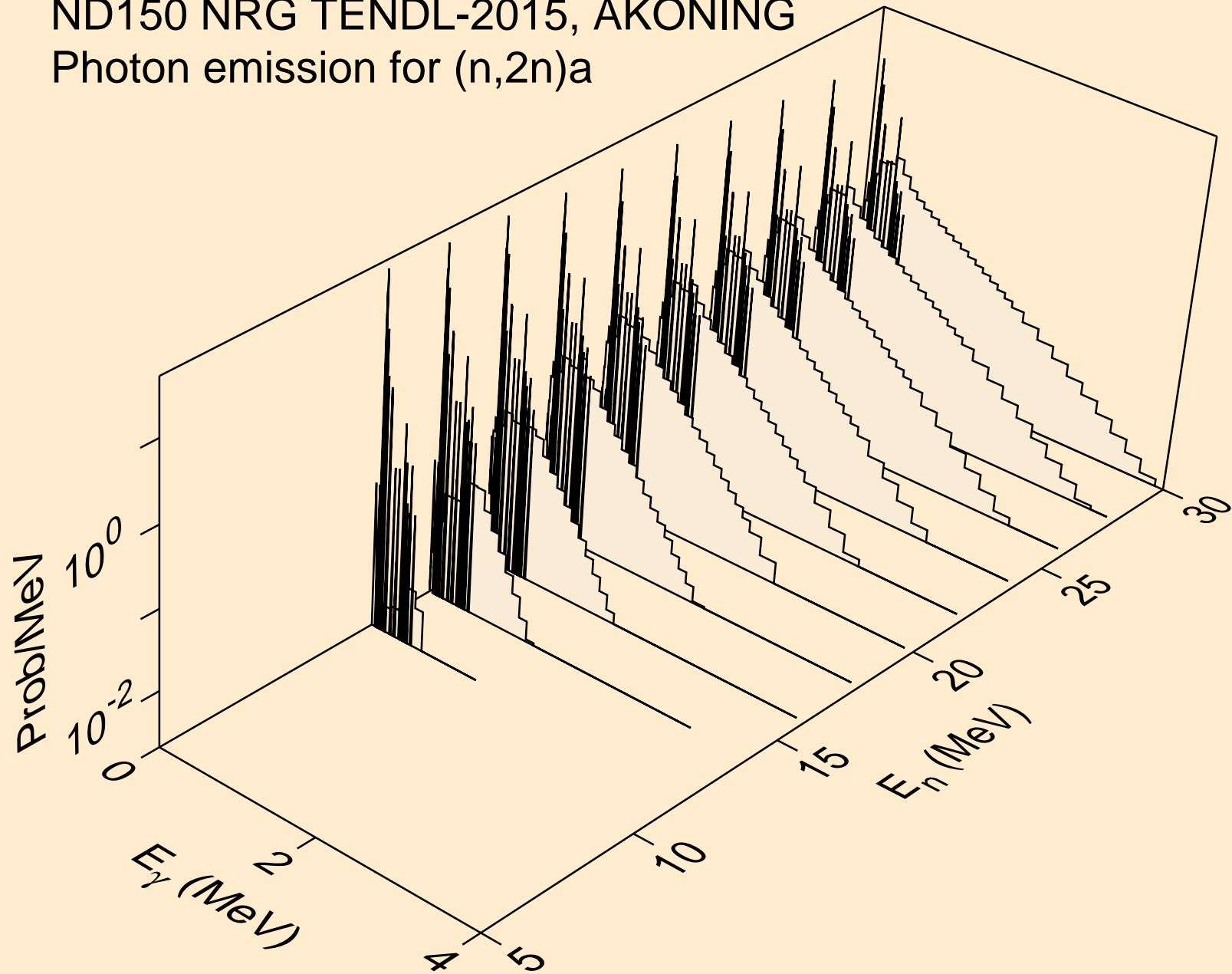
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

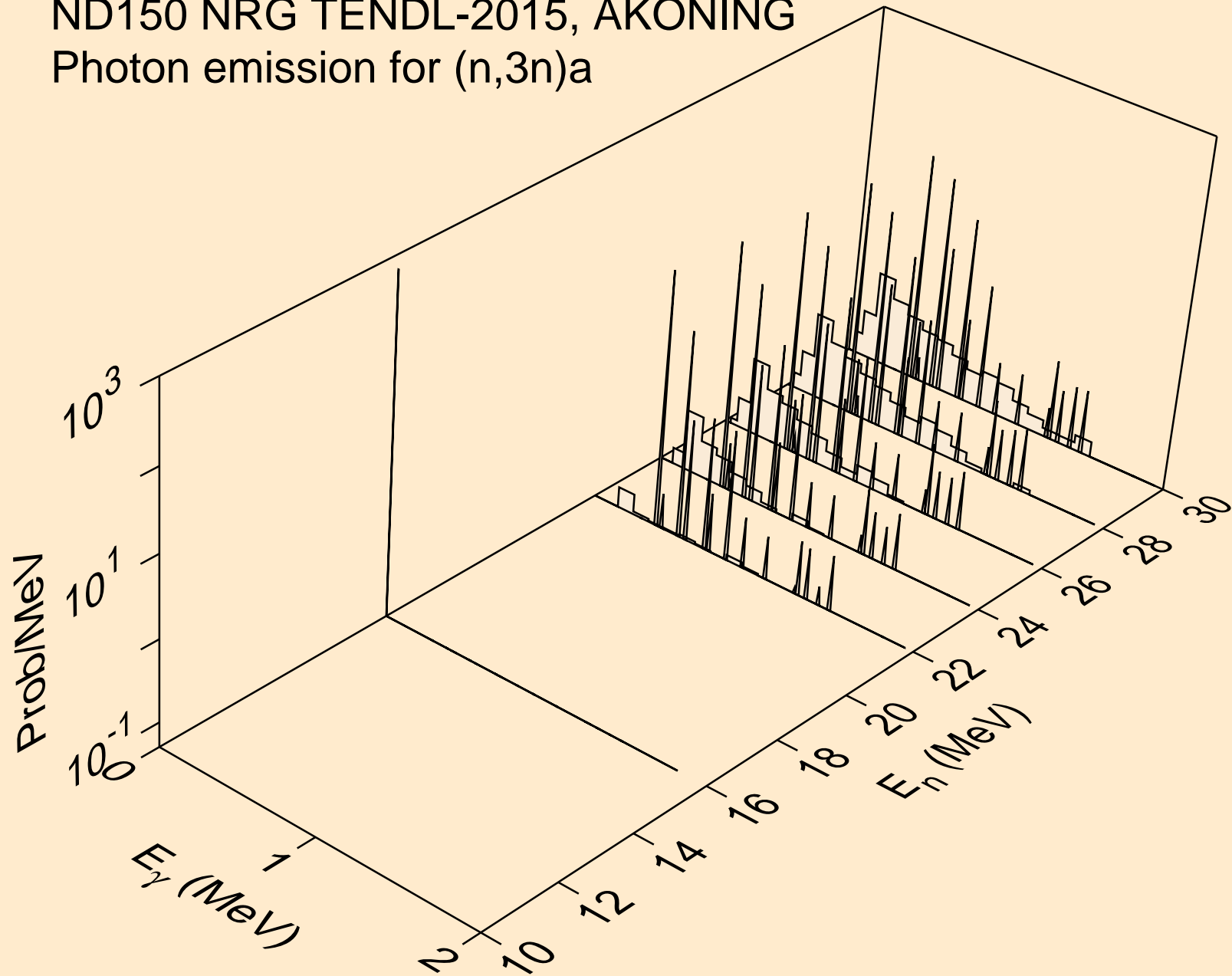


ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

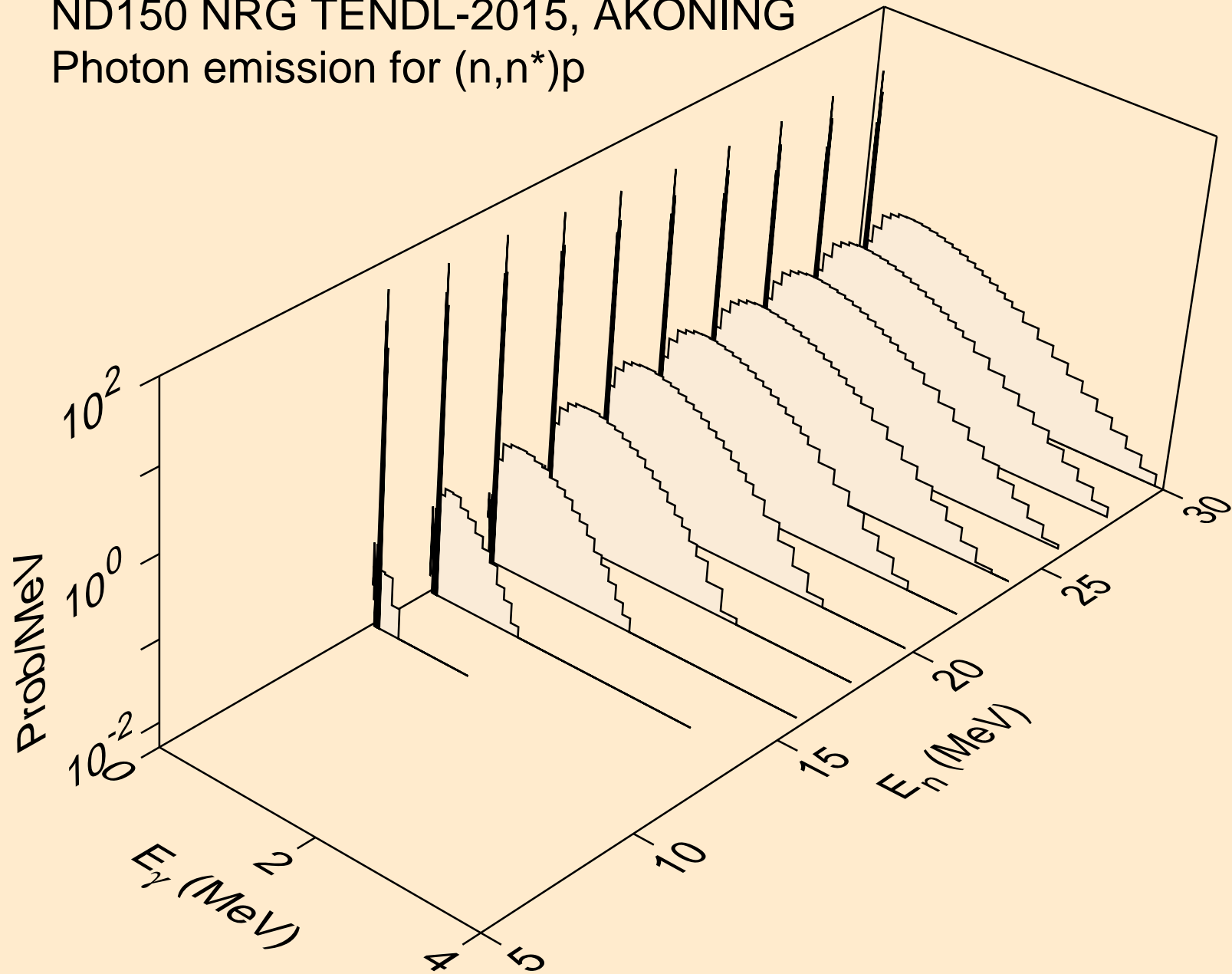




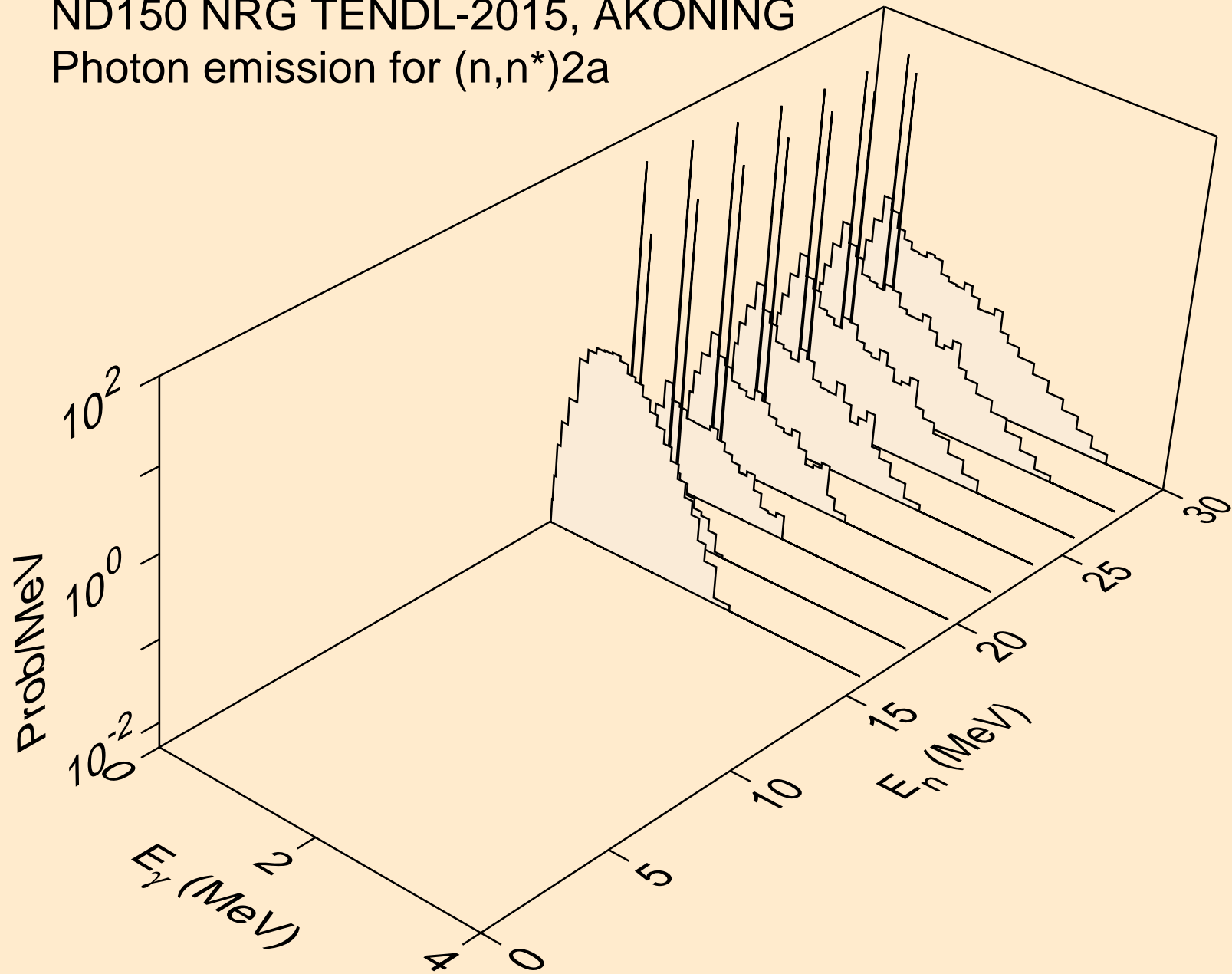
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



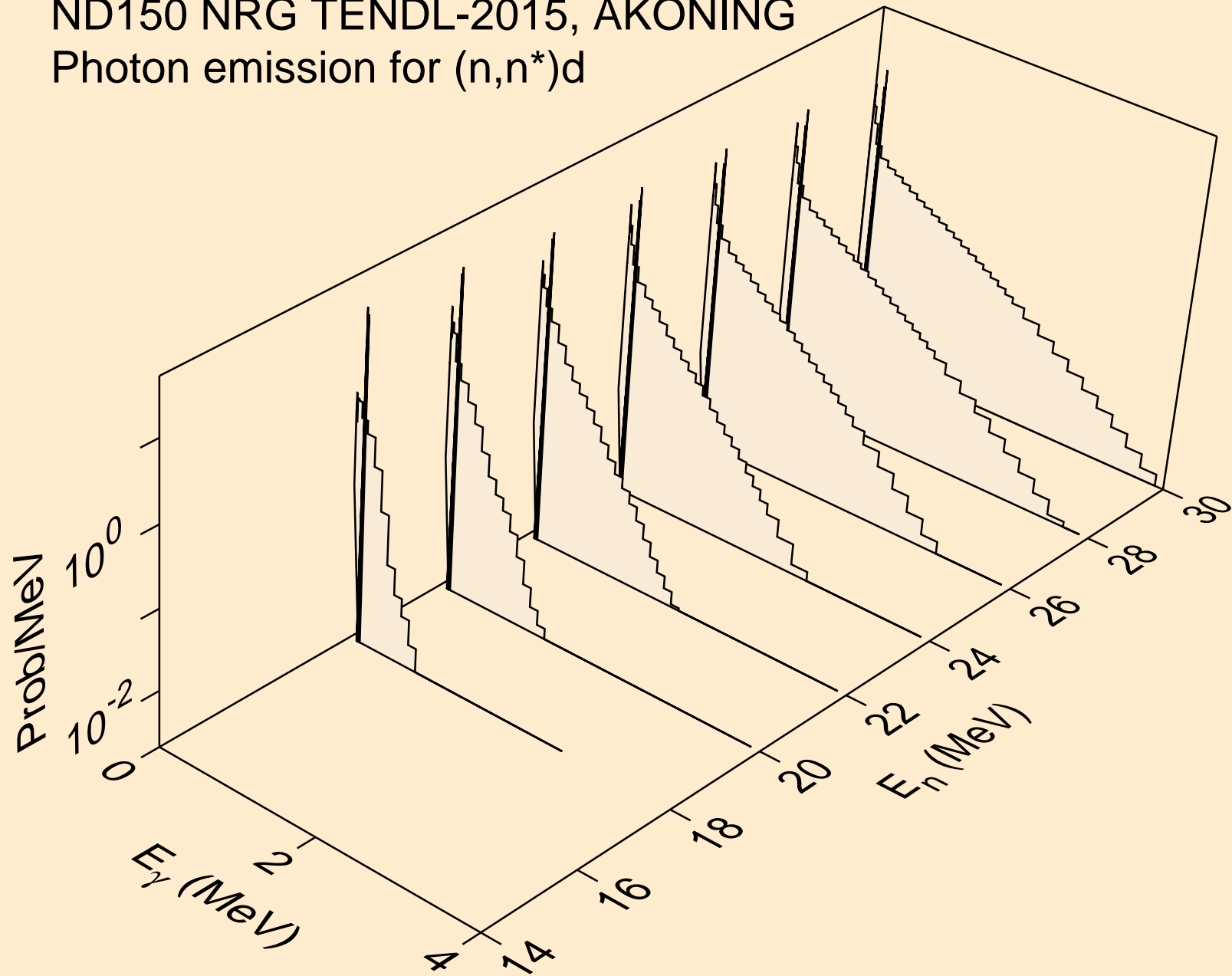
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



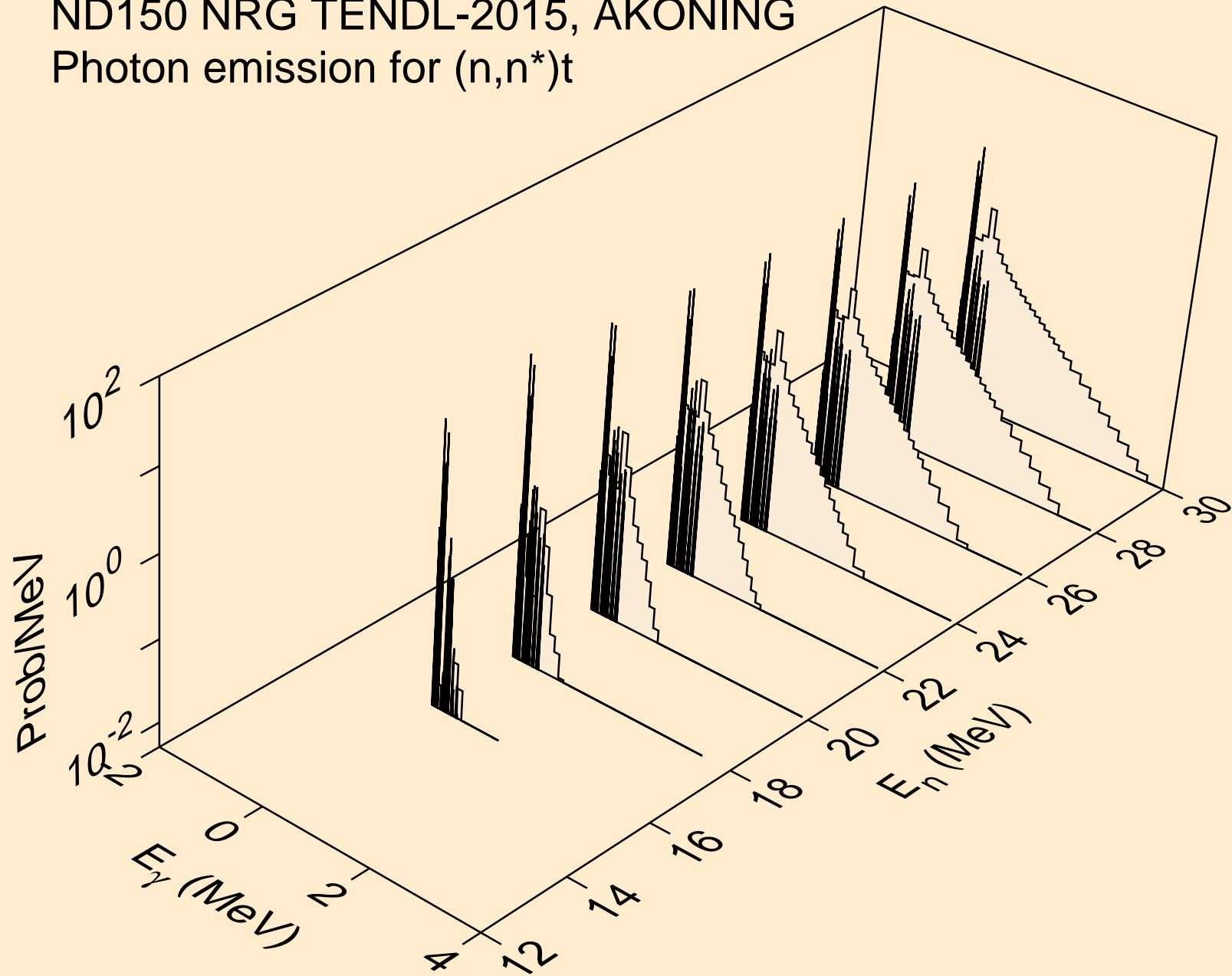
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



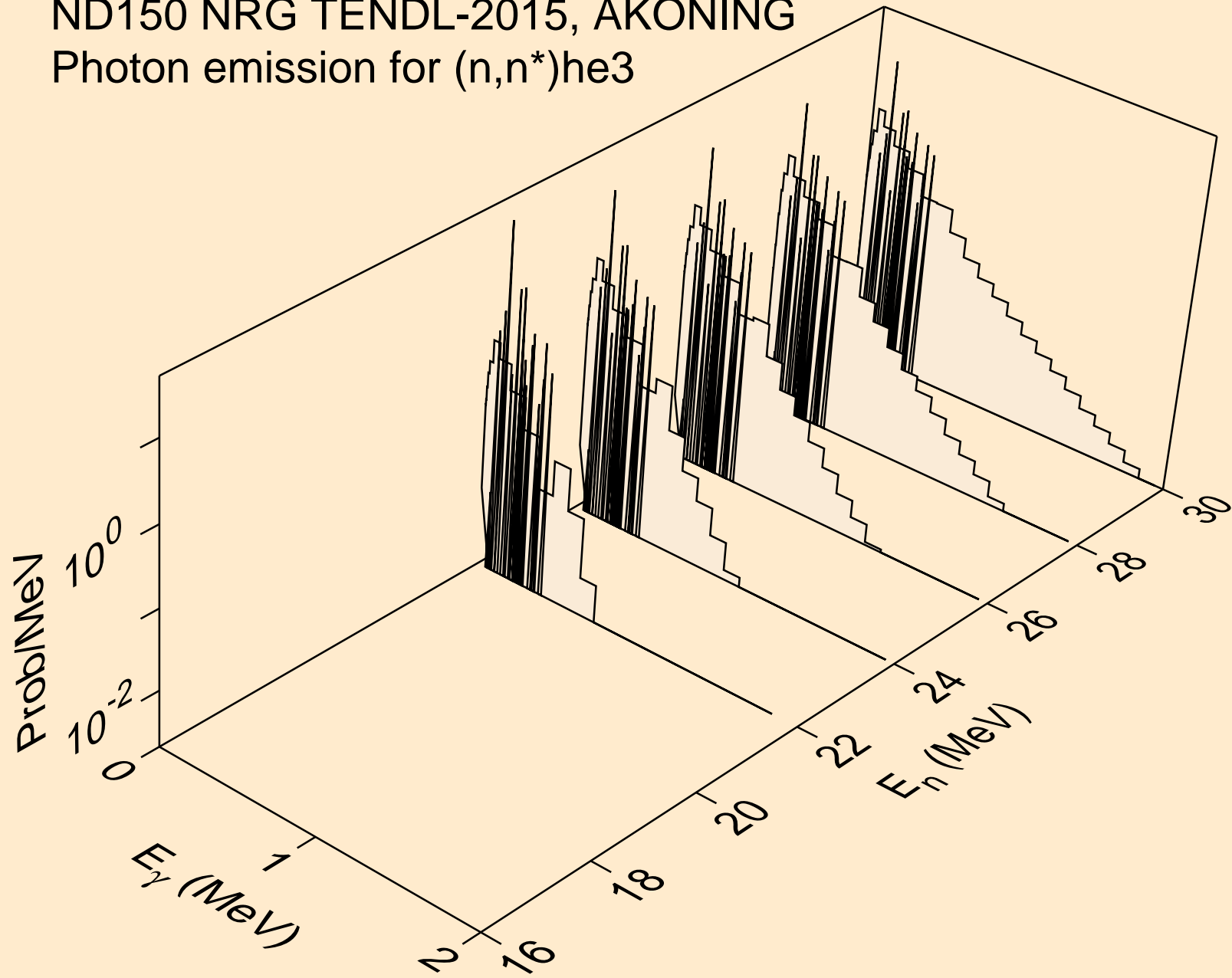
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



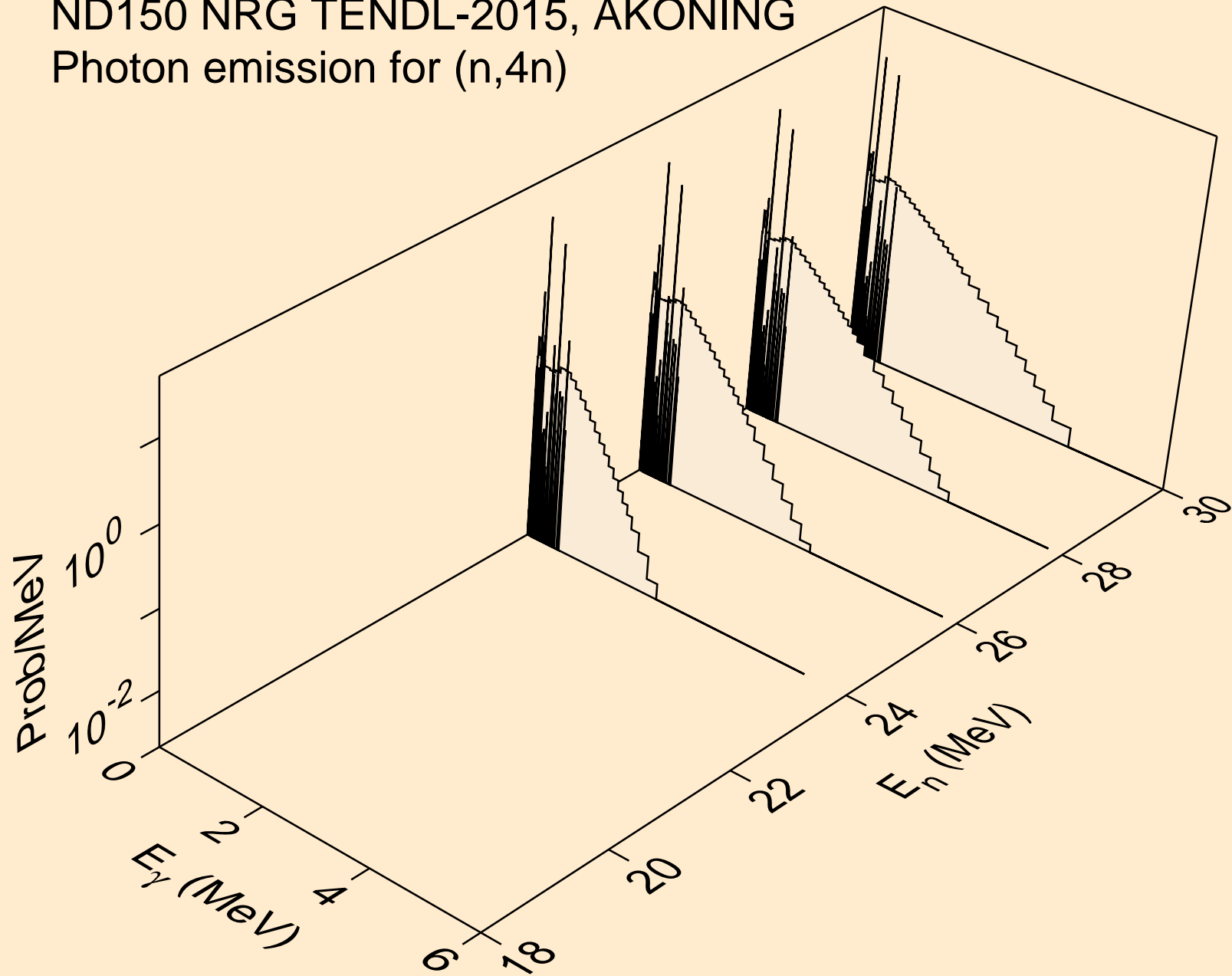
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



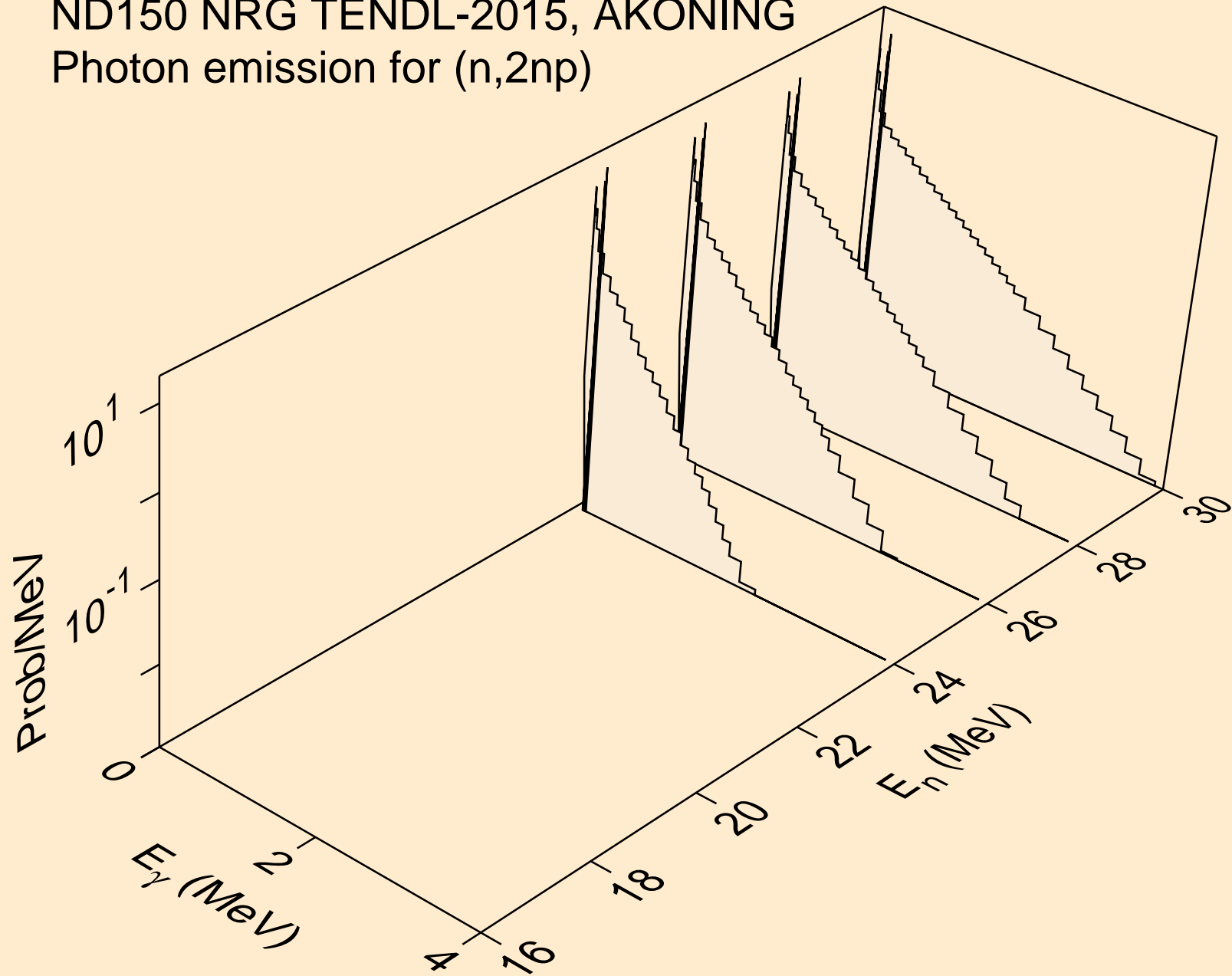
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

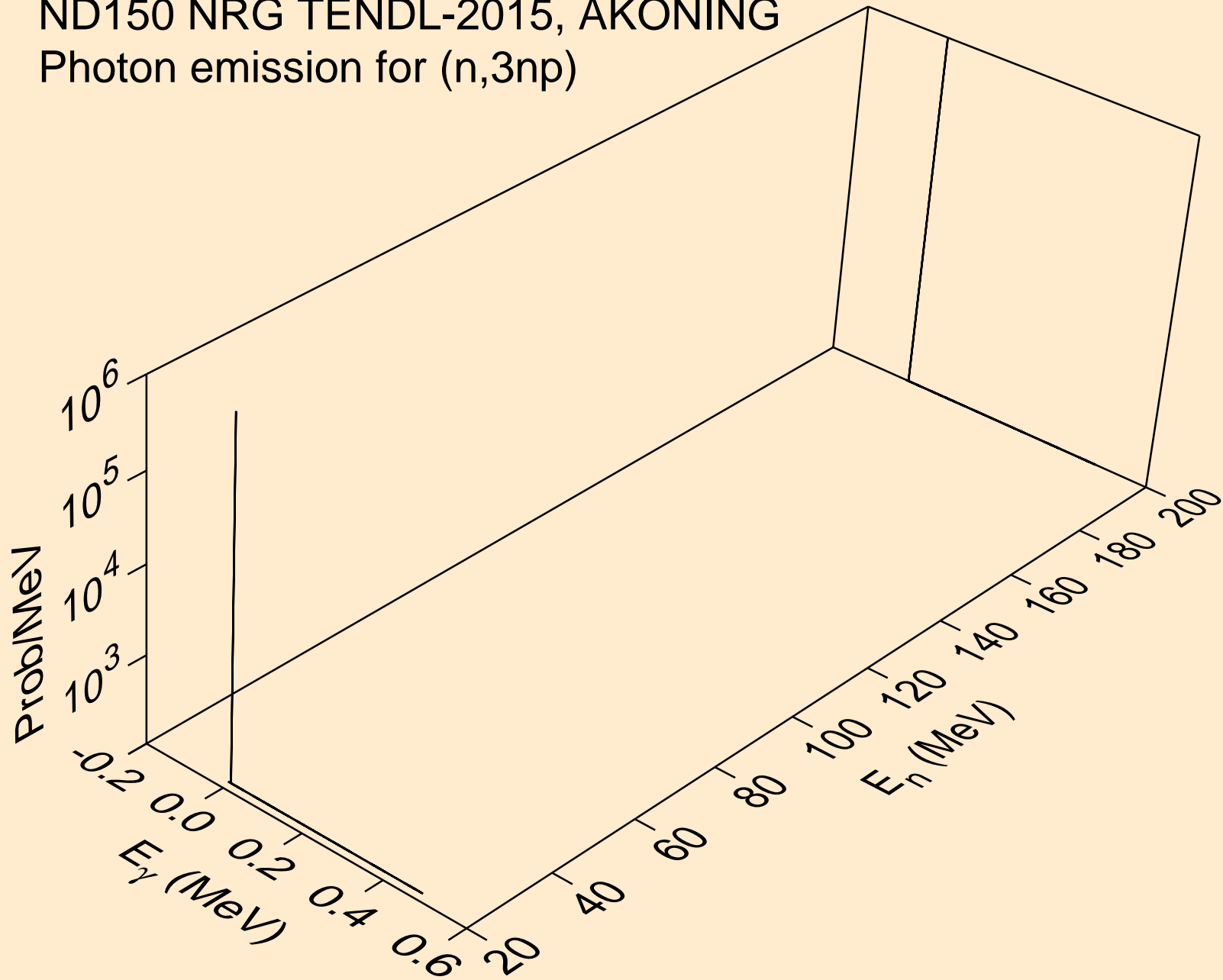


ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

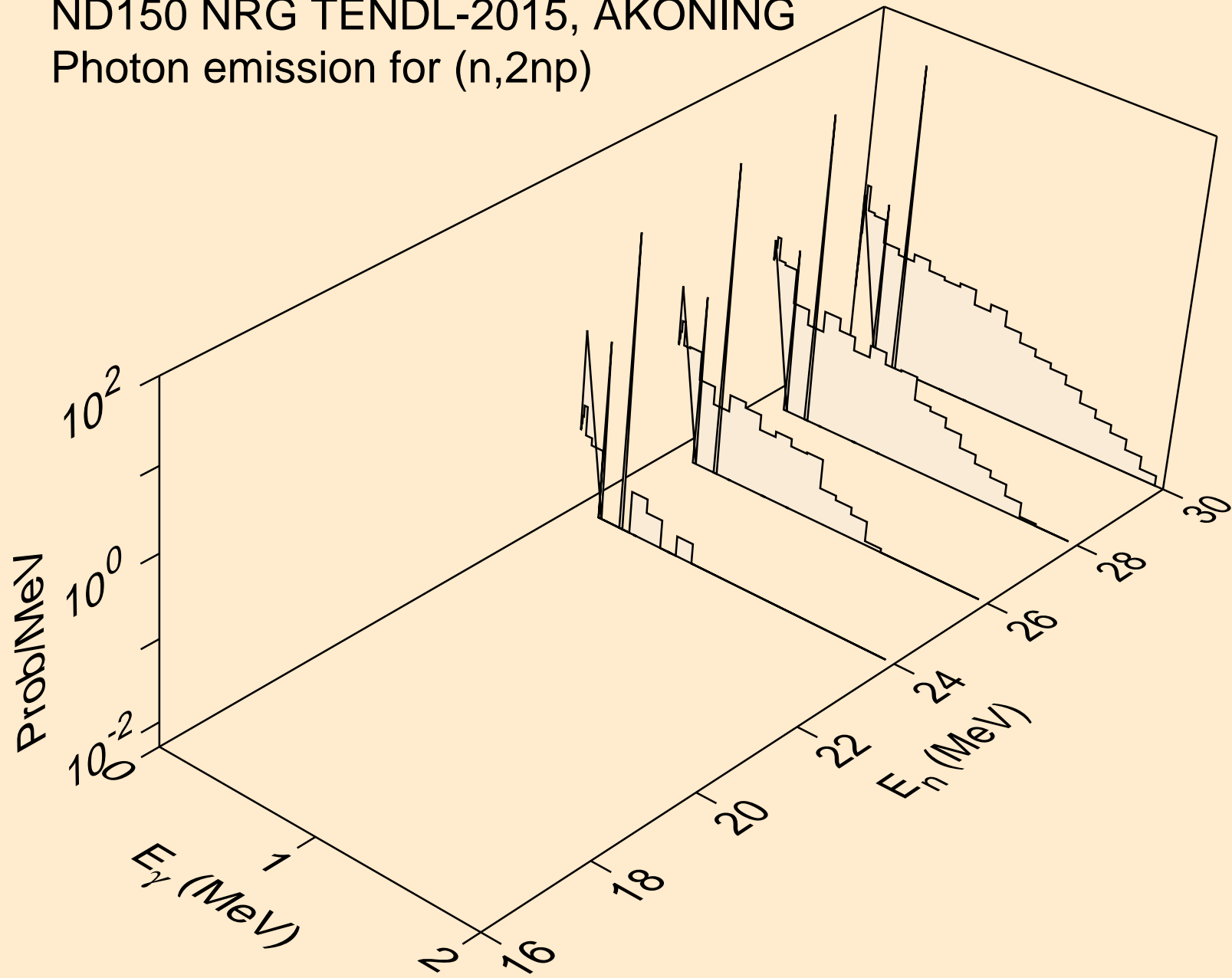




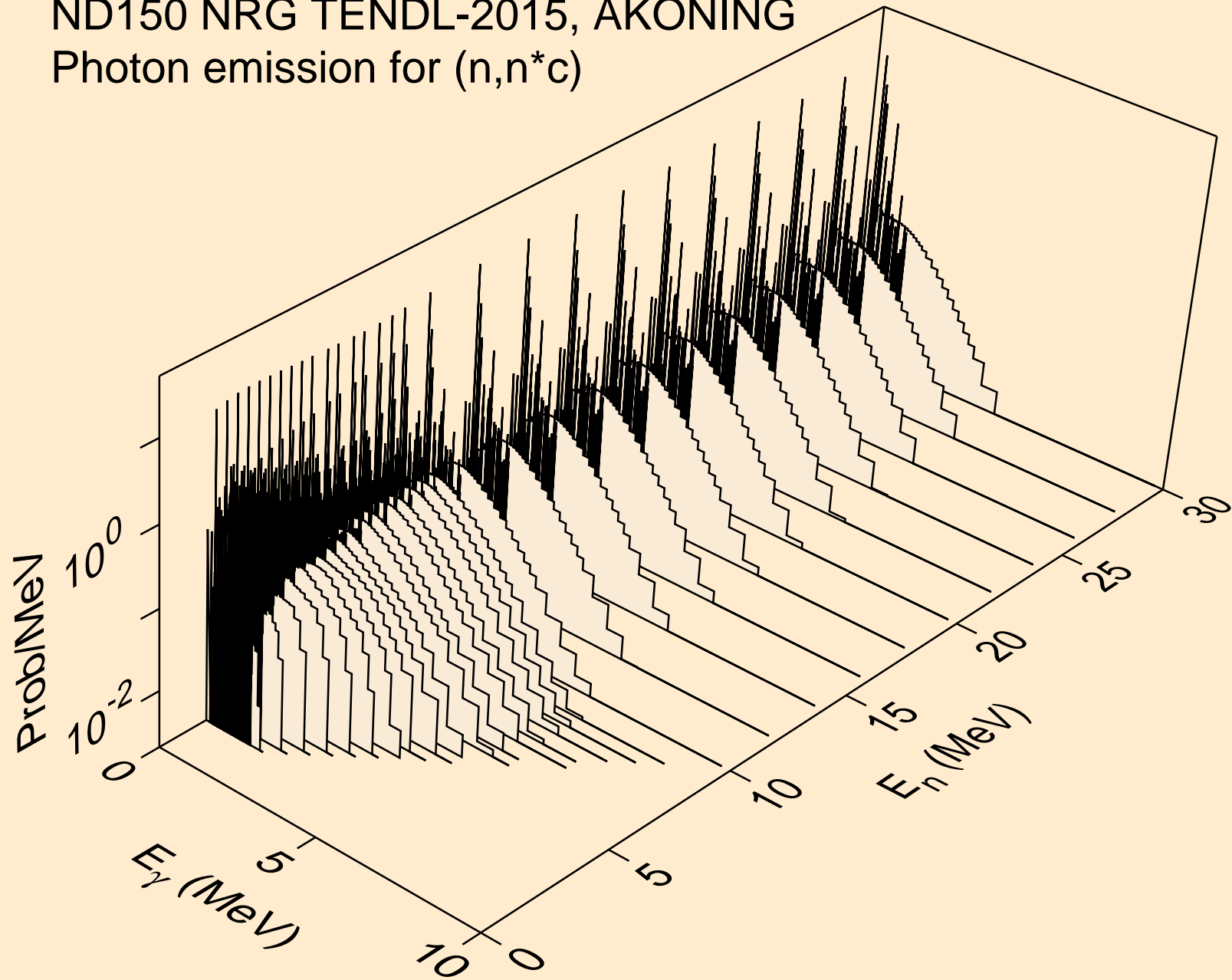
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



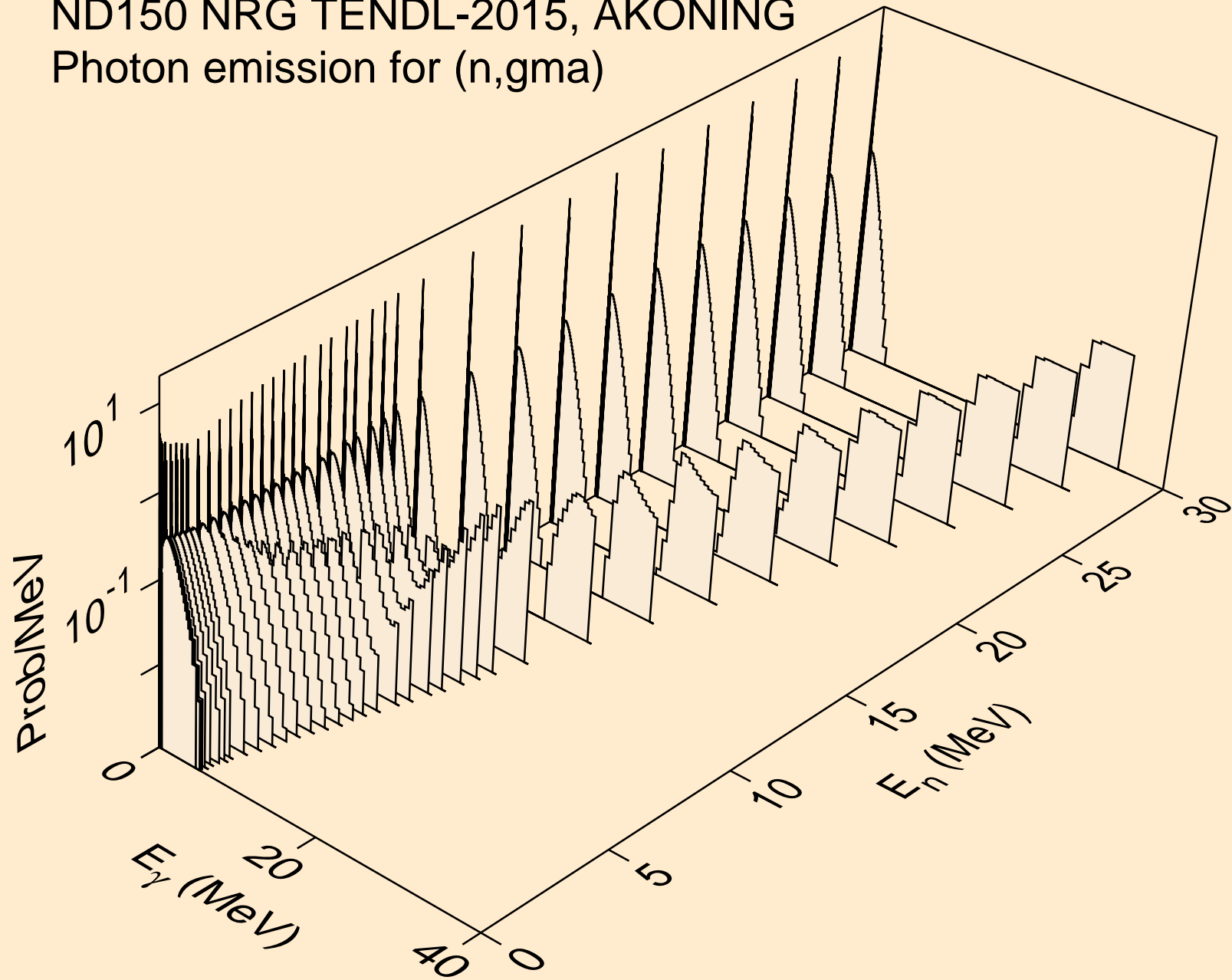
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



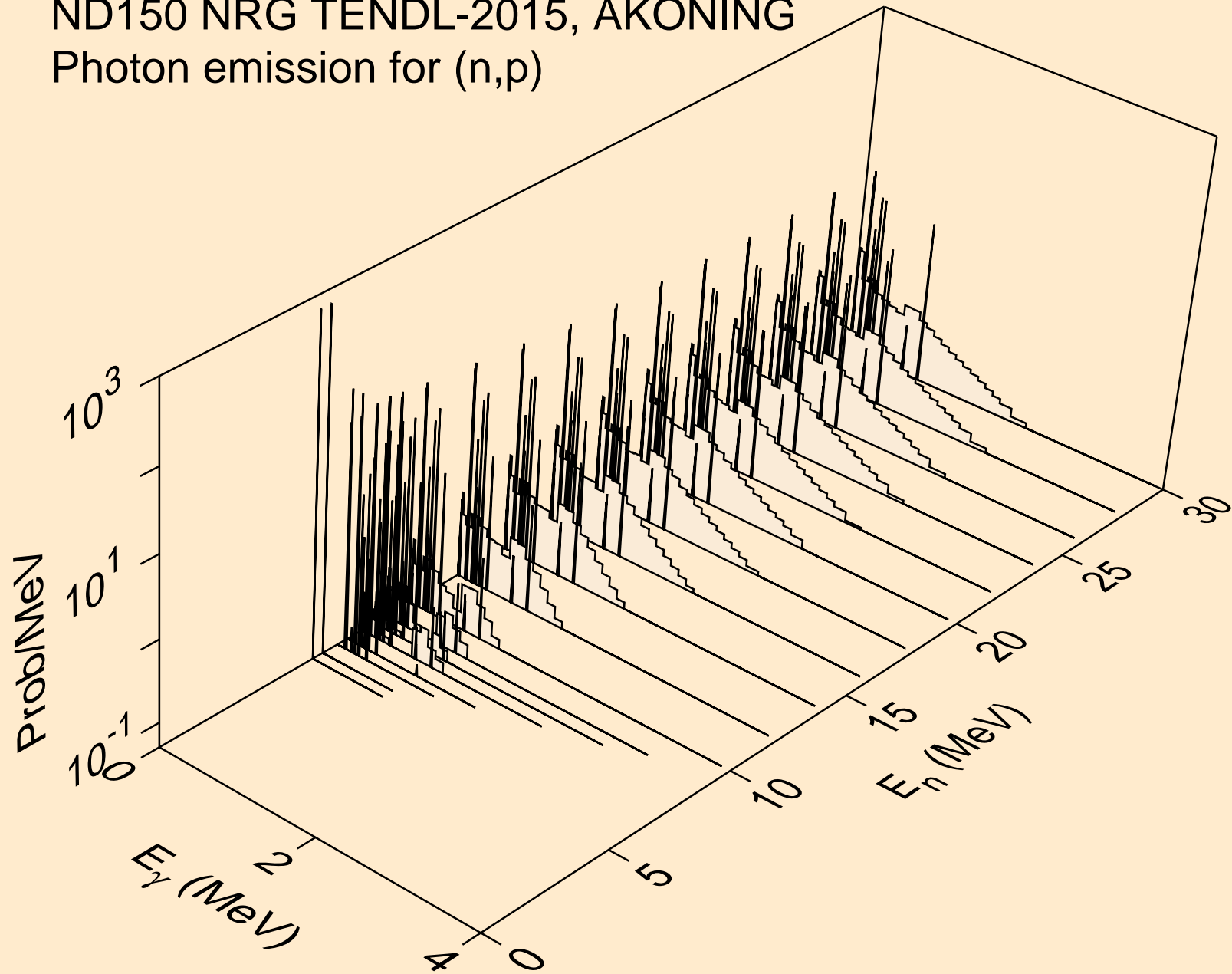
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



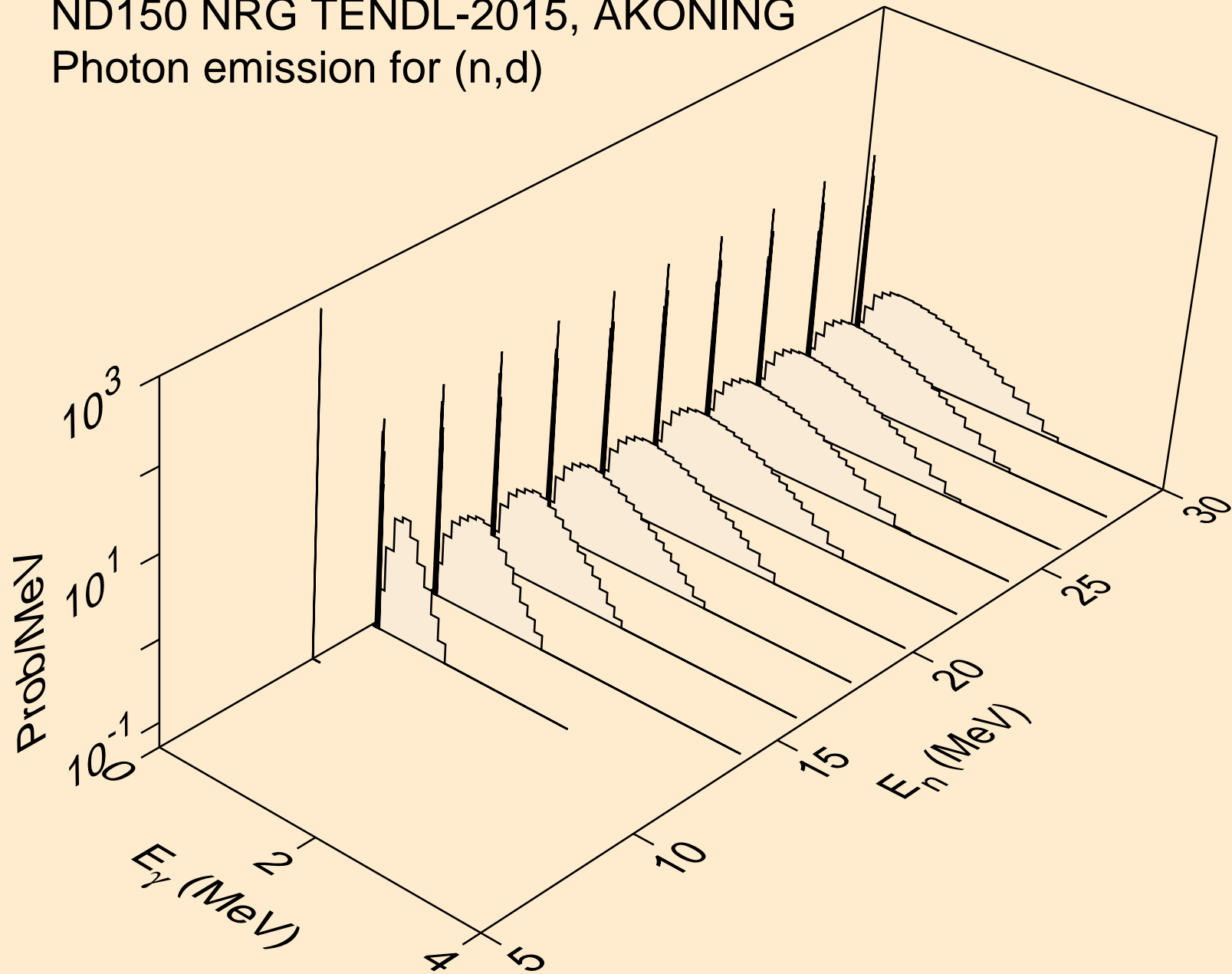
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



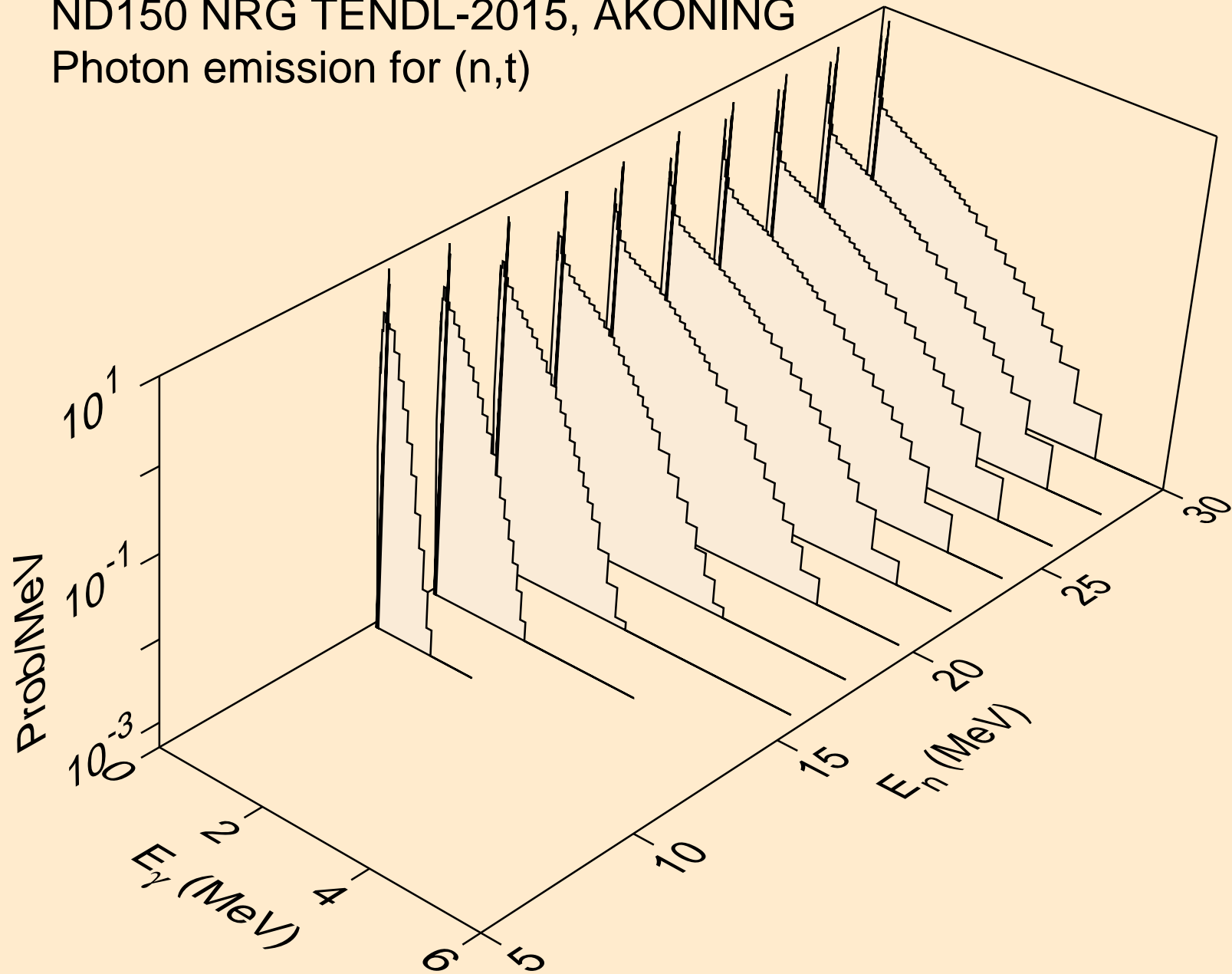
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



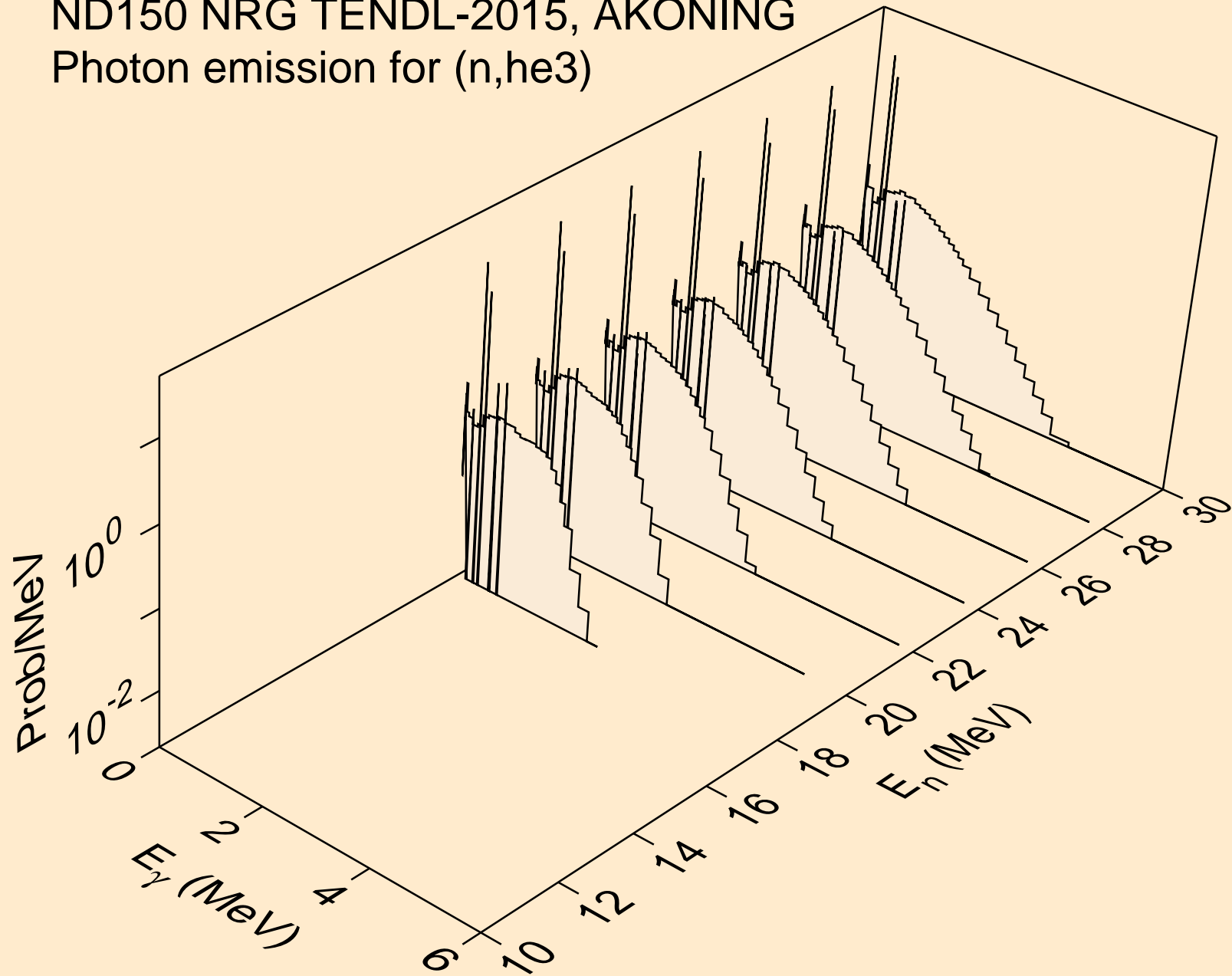
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

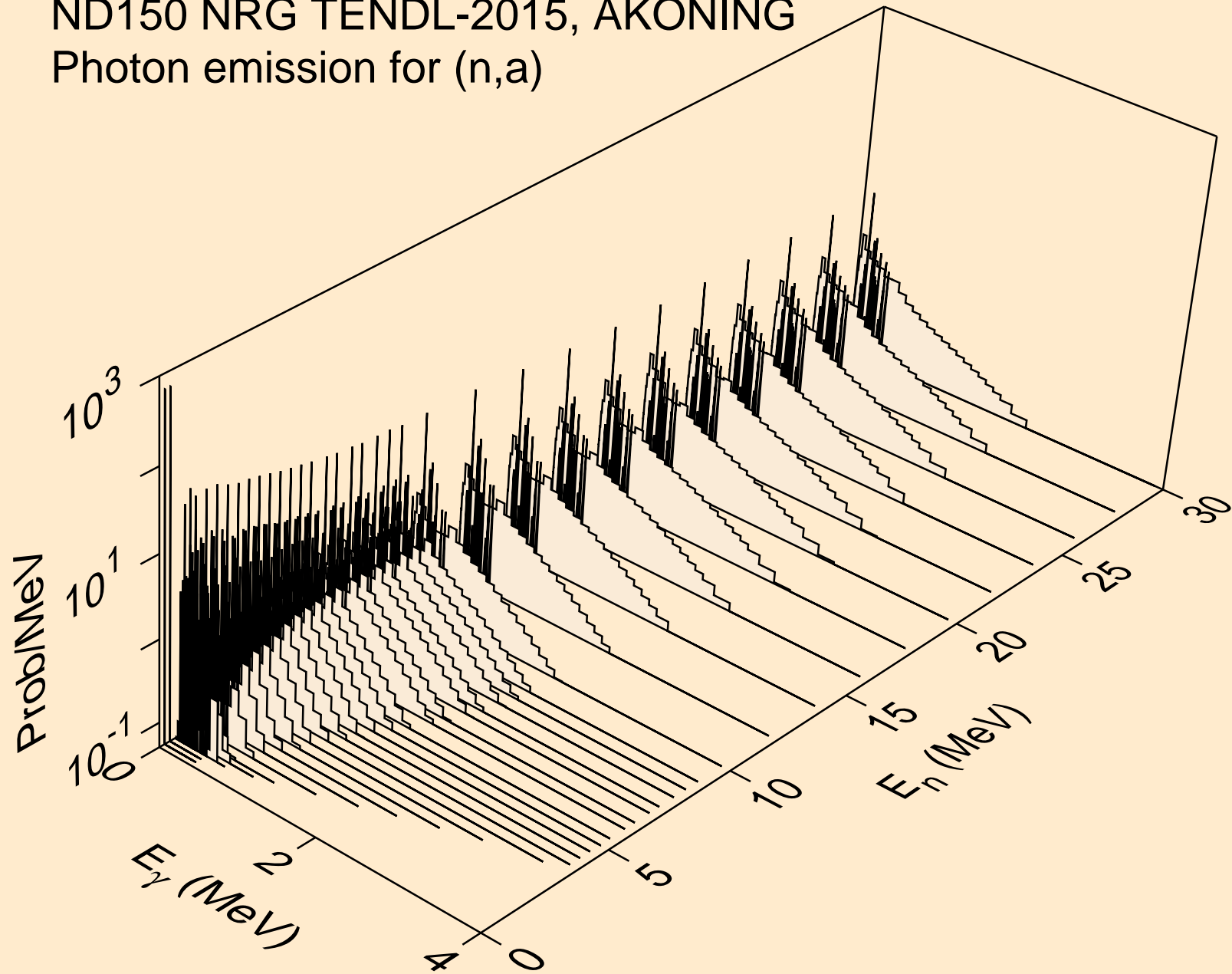


ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

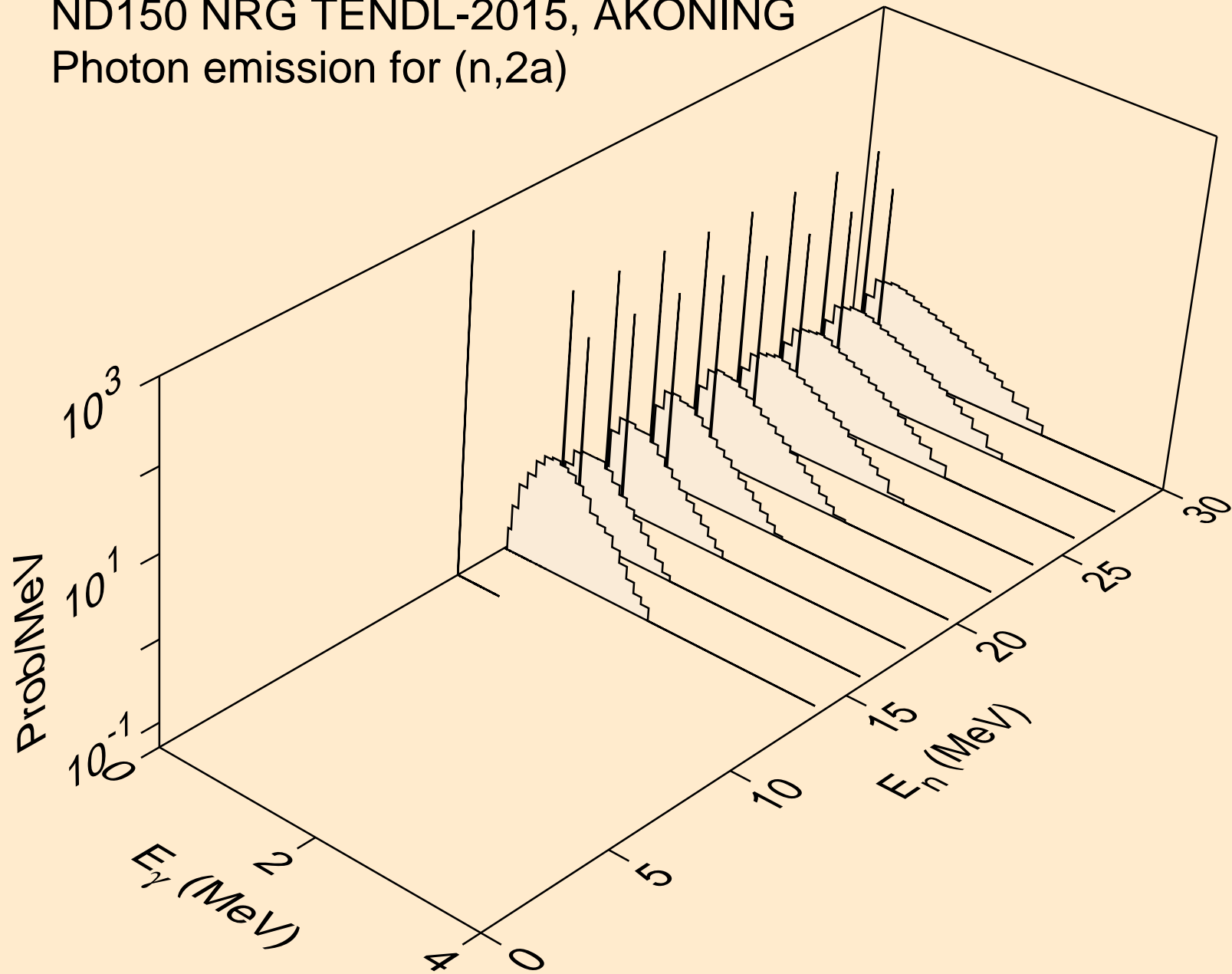




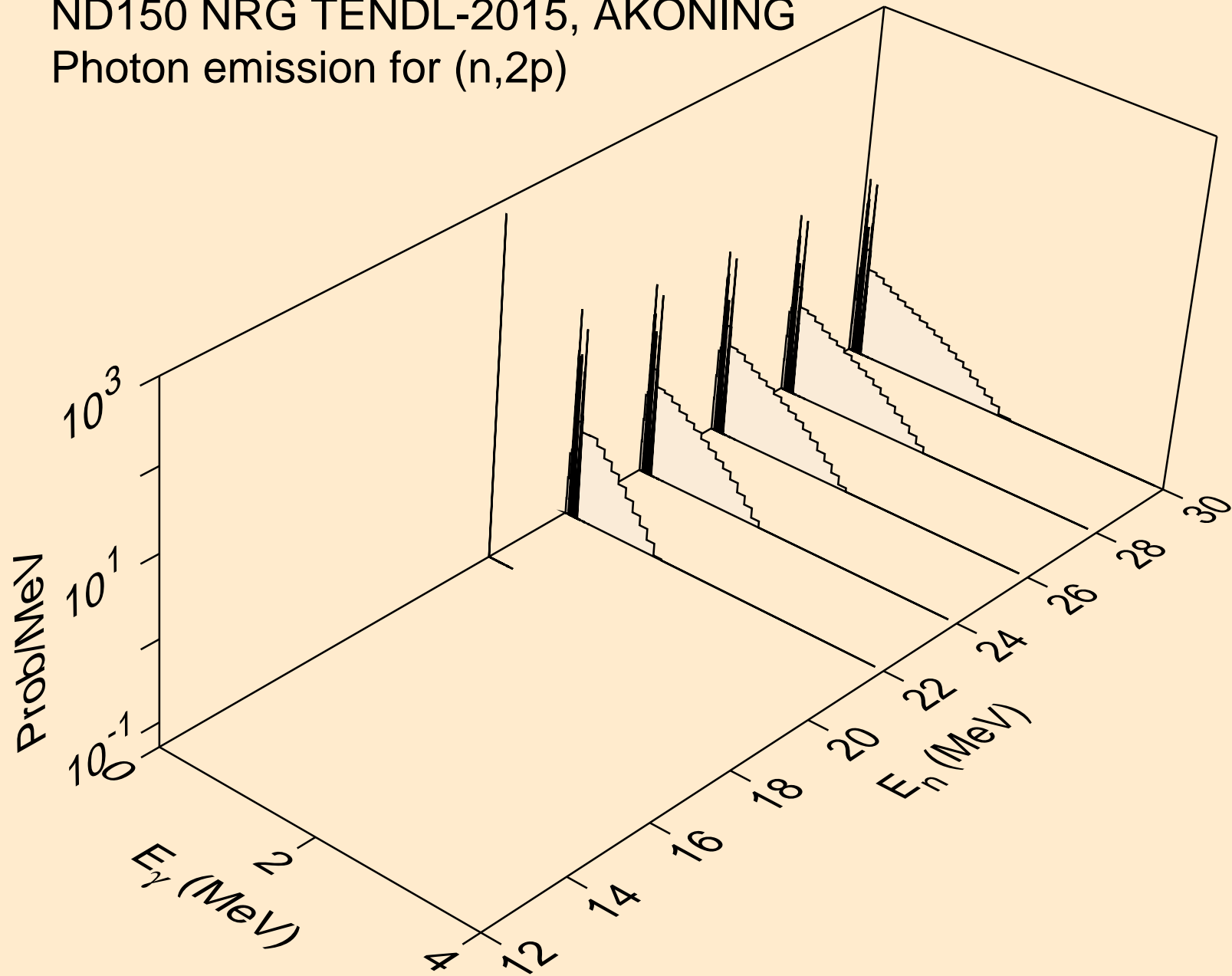
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



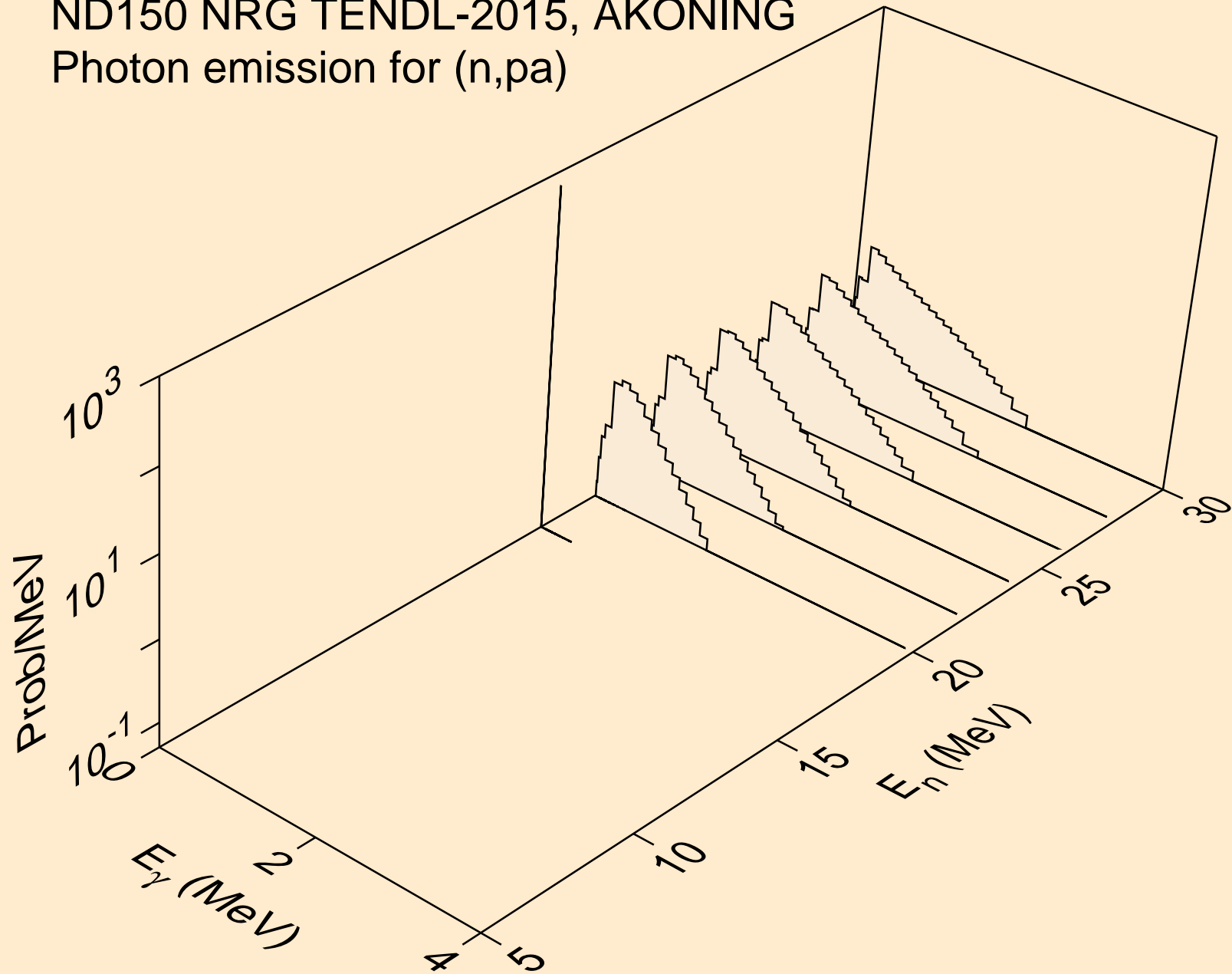
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



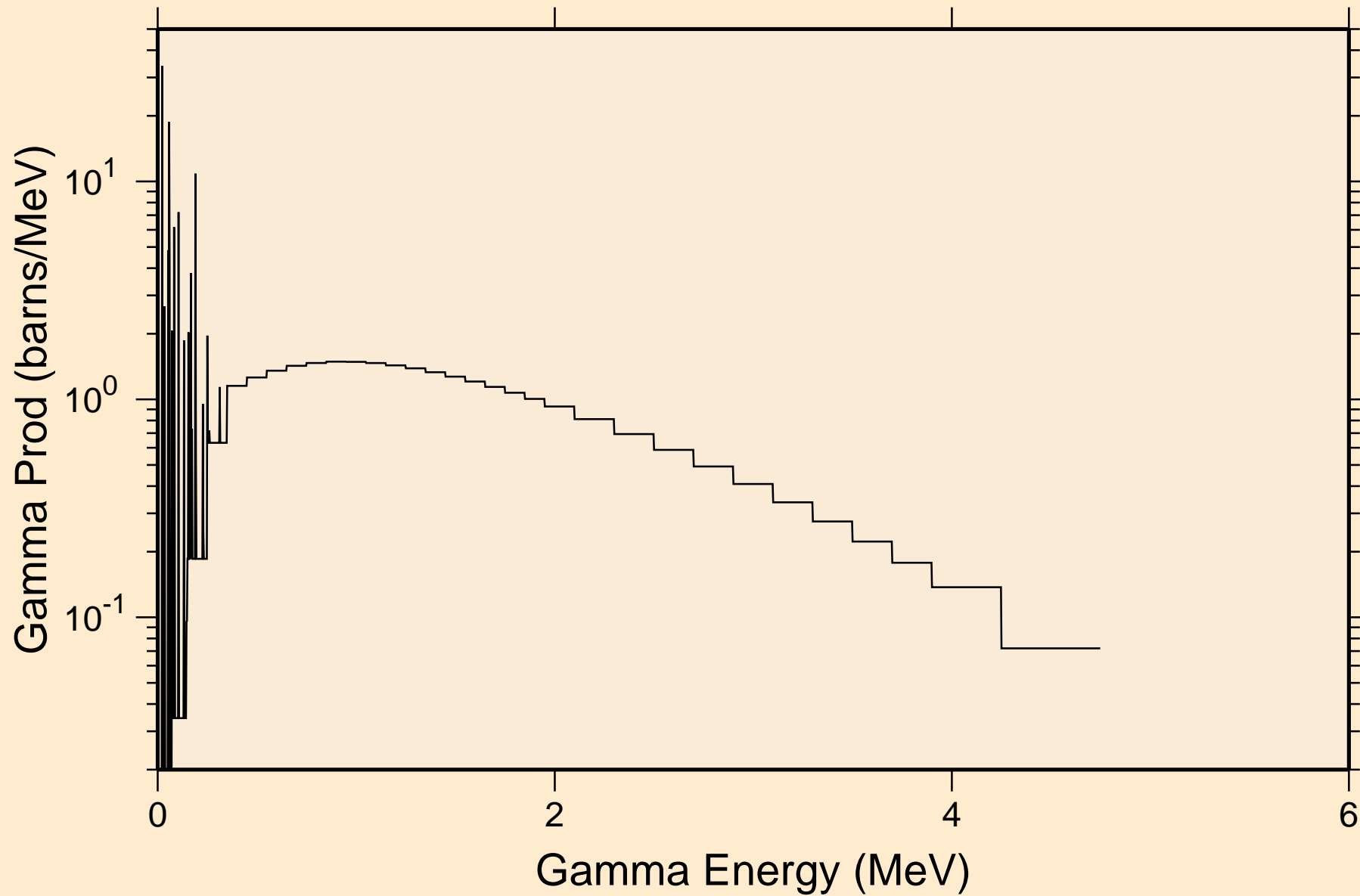
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



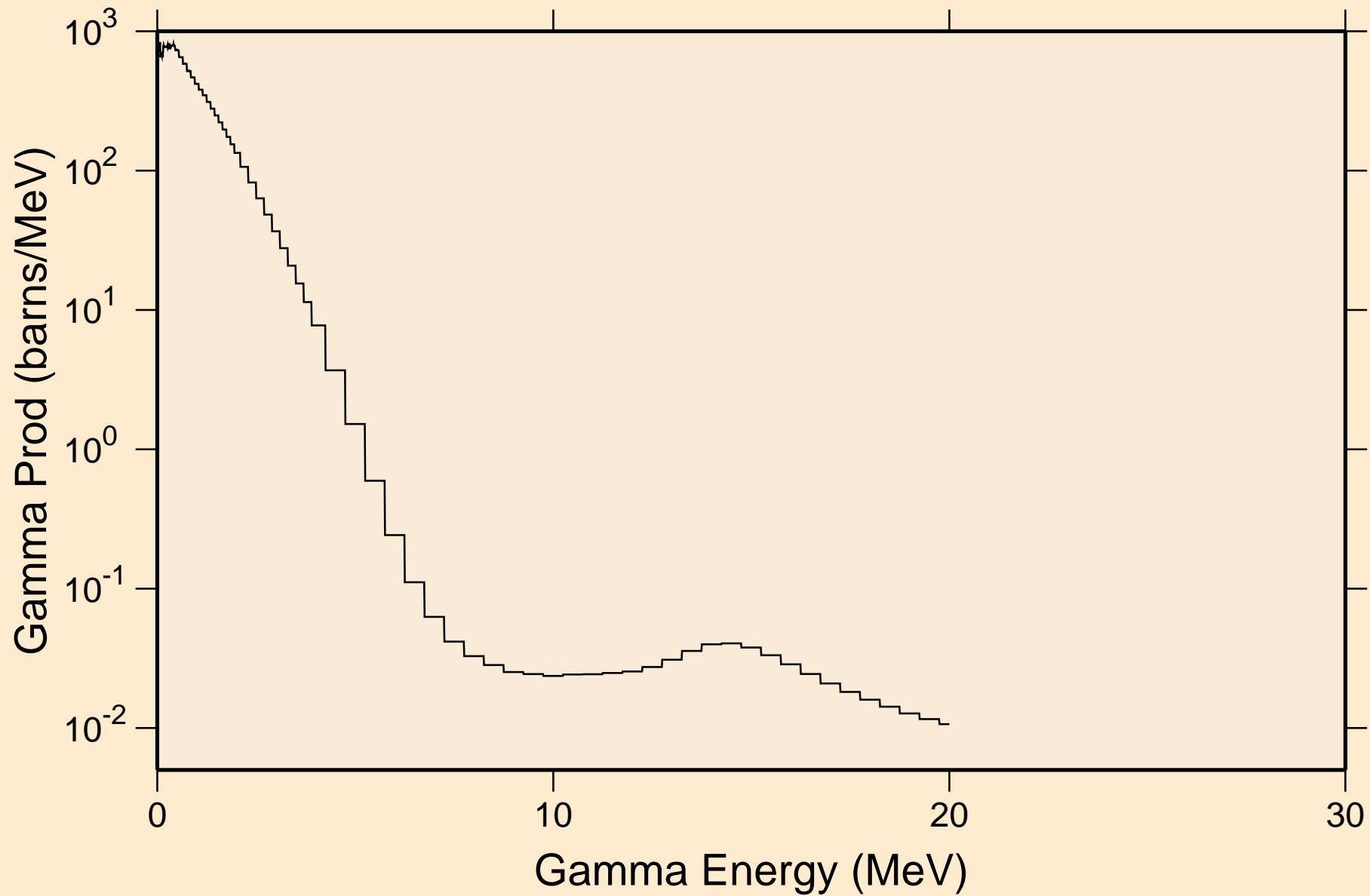
ND150 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



ND150 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

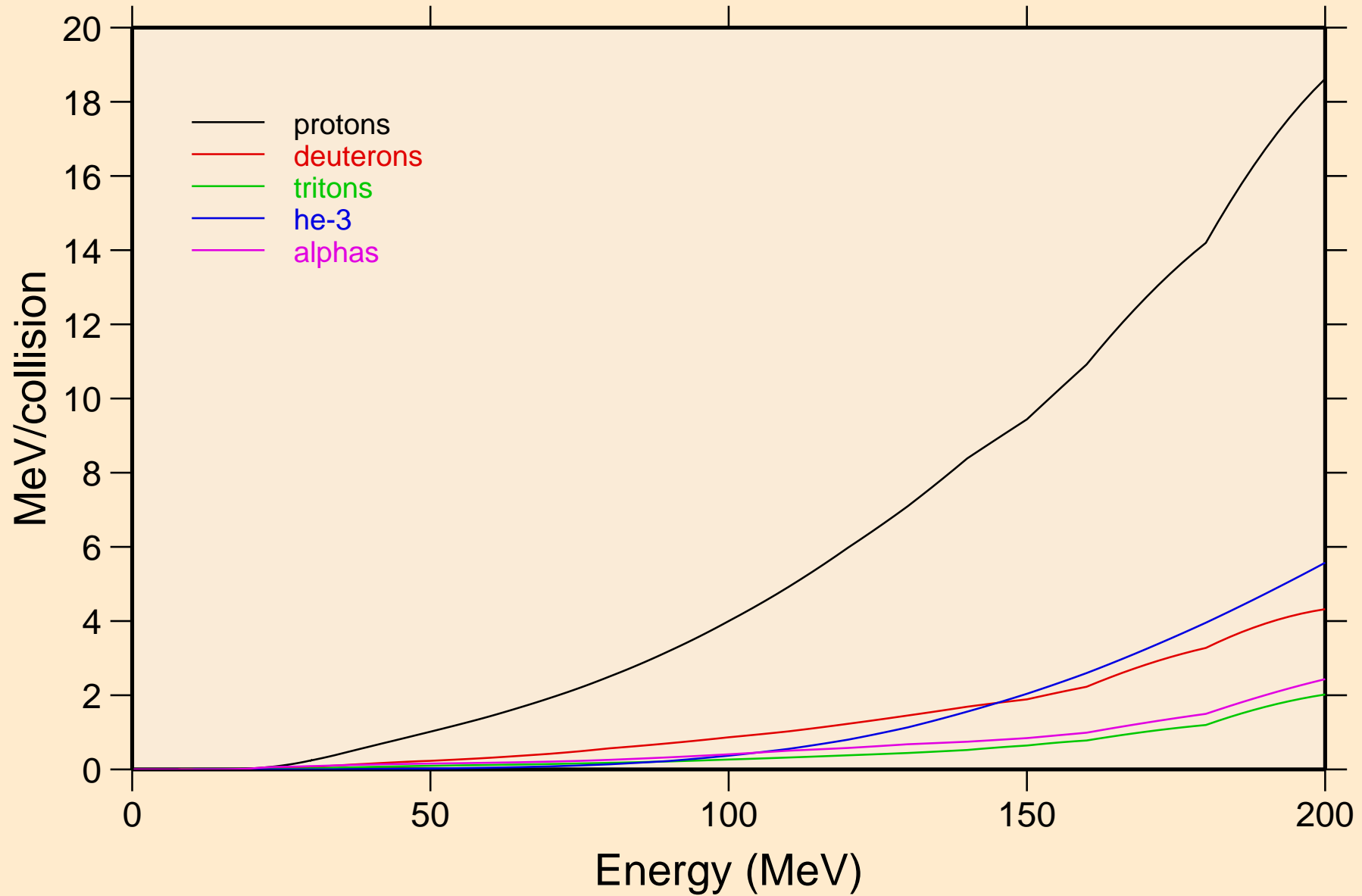


ND150 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



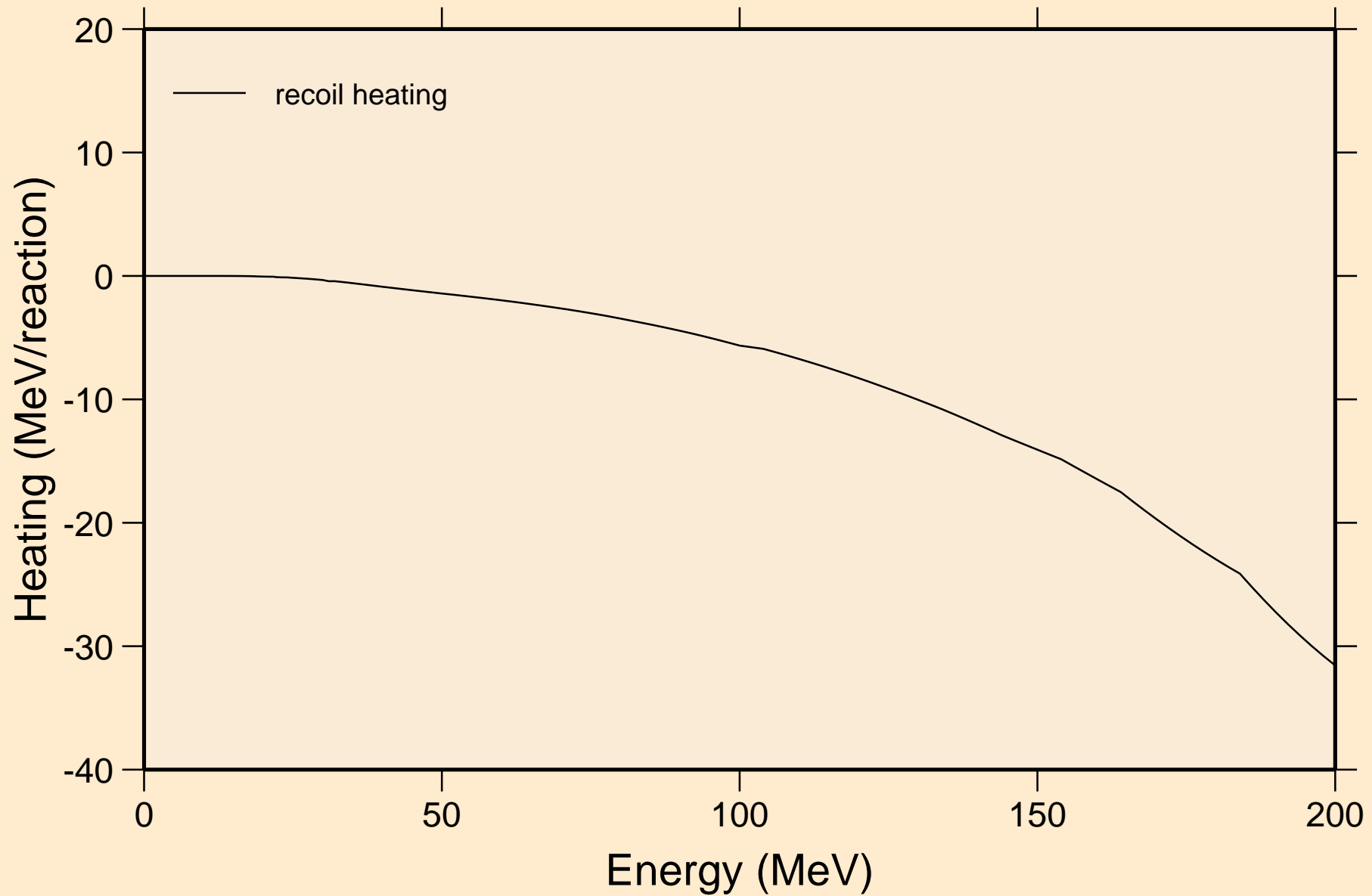
# ND150 NRG TENDL-2015, AKONING

## Particle heating contributions



# ND150 NRG TENDL-2015, AKONING

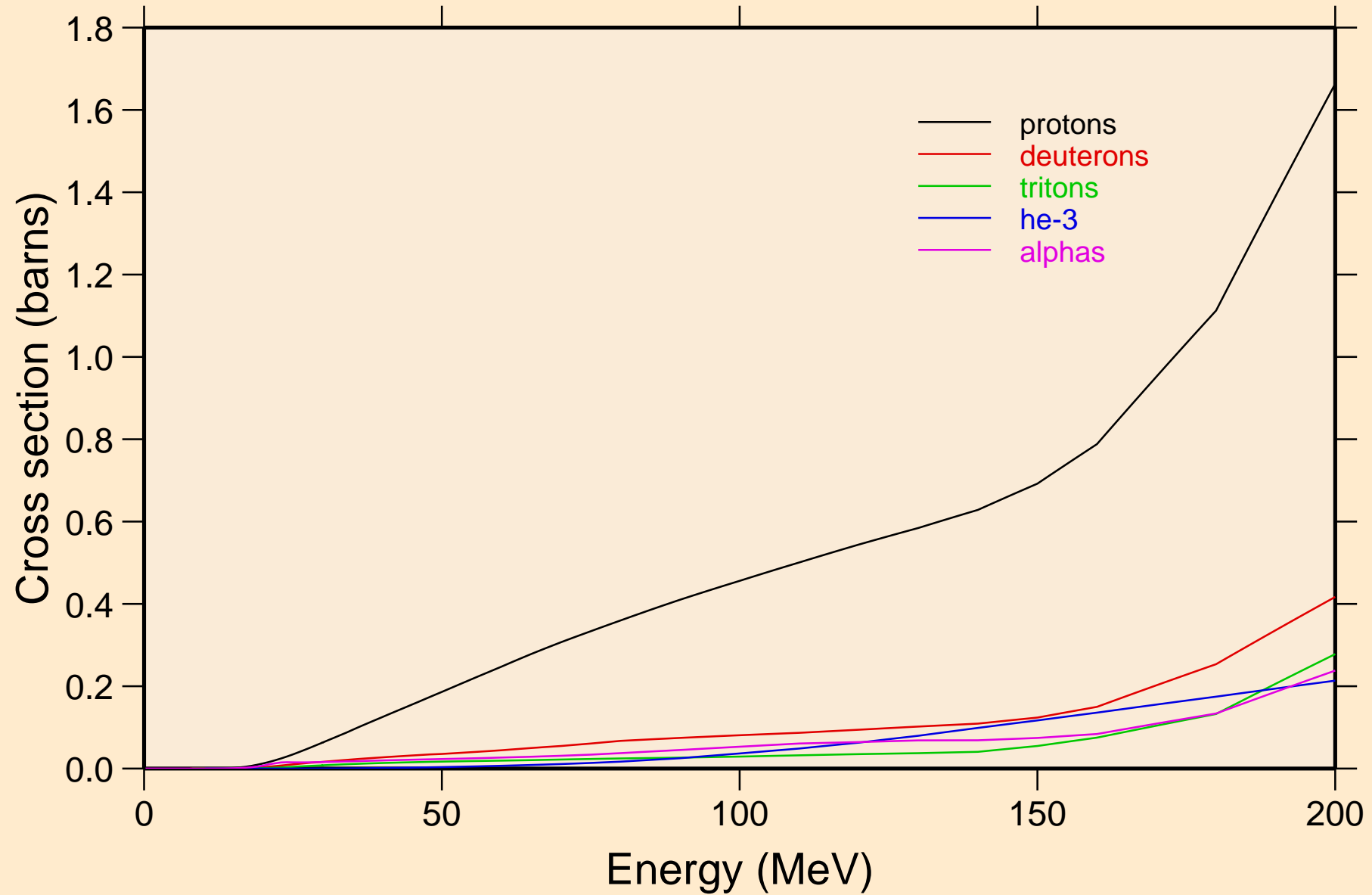
## Recoil Heating



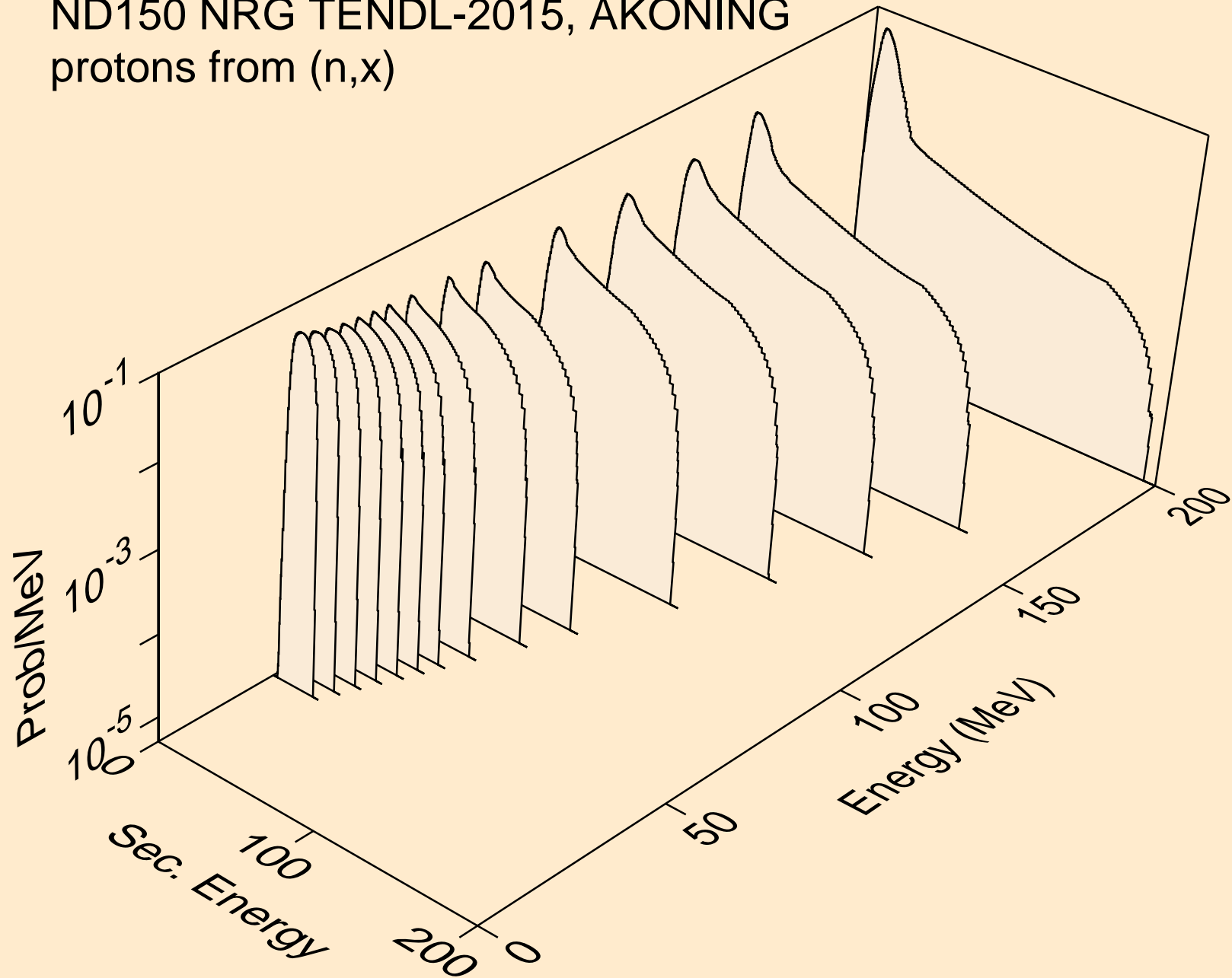


# ND150 NRG TENDL-2015, AKONING

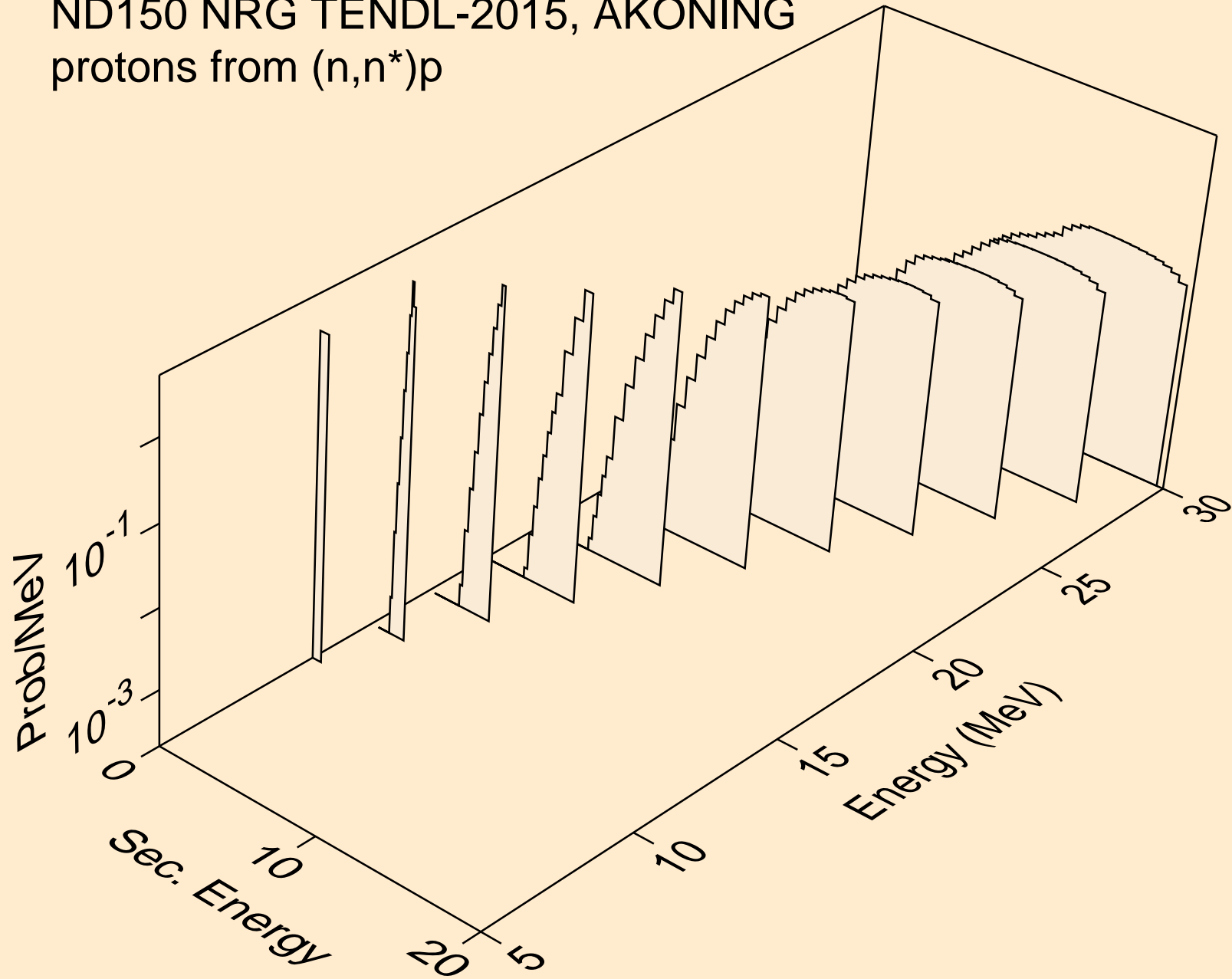
## Particle production cross sections



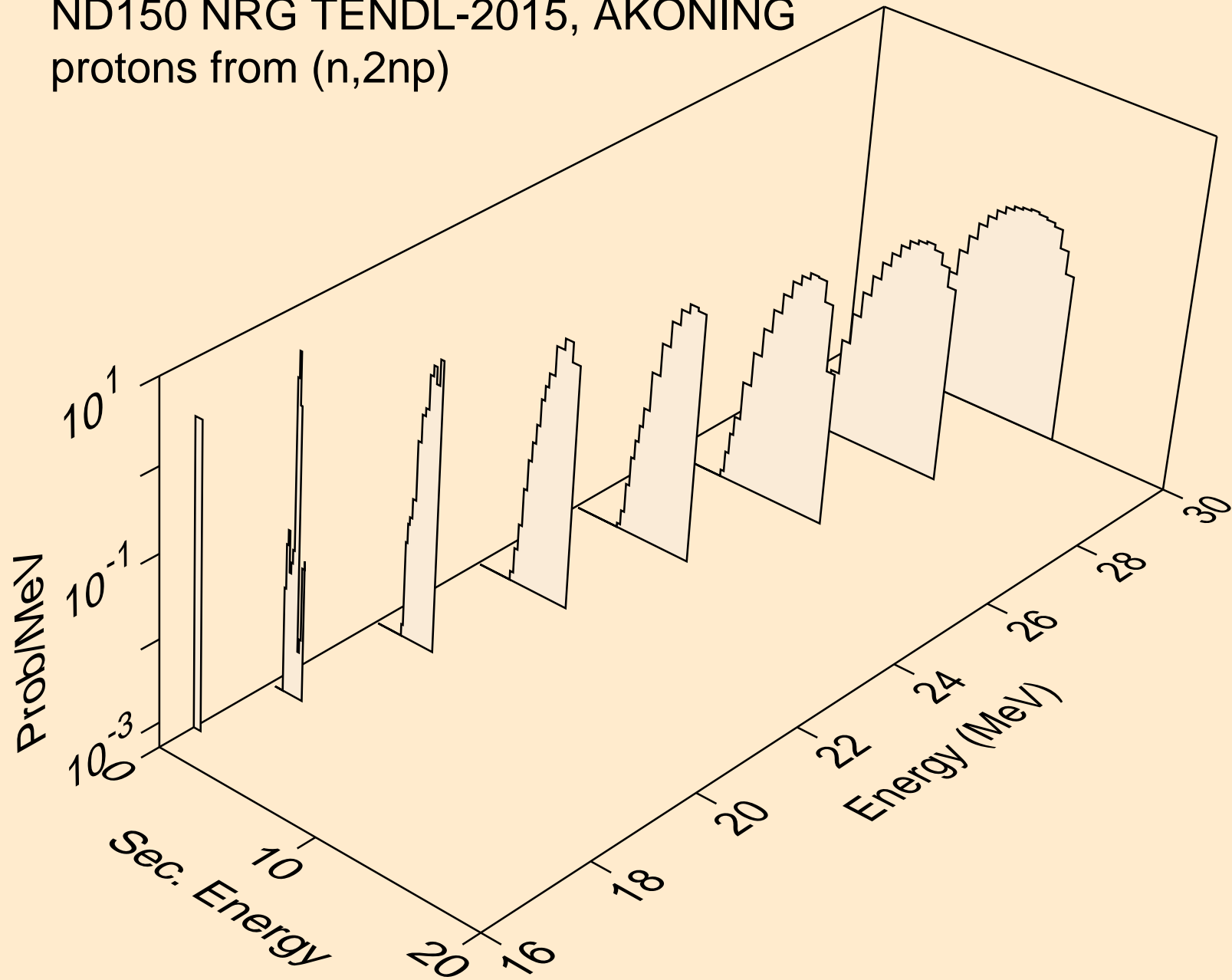
ND150 NRG TENDL-2015, AKONING  
protons from (n,x)



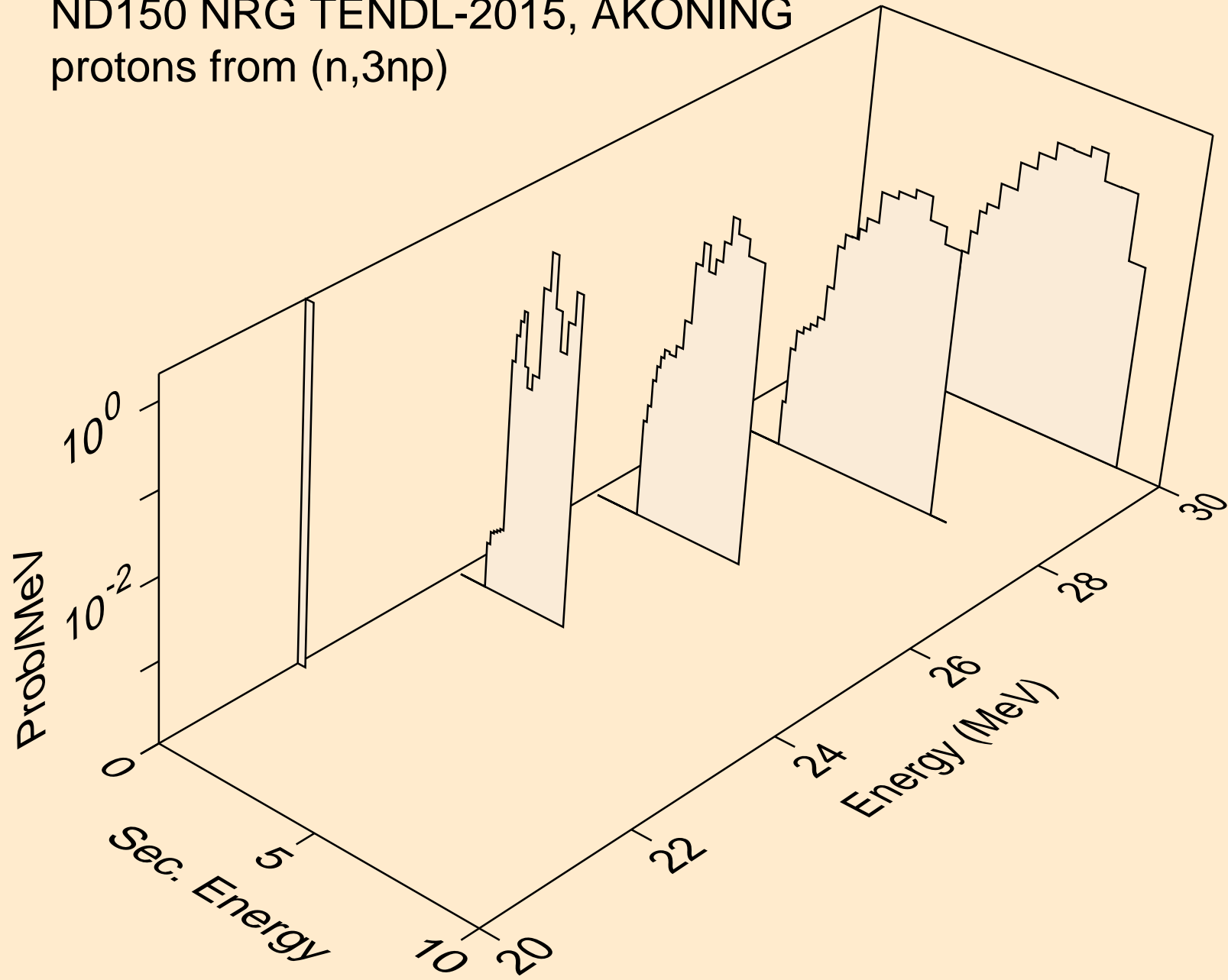
ND150 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



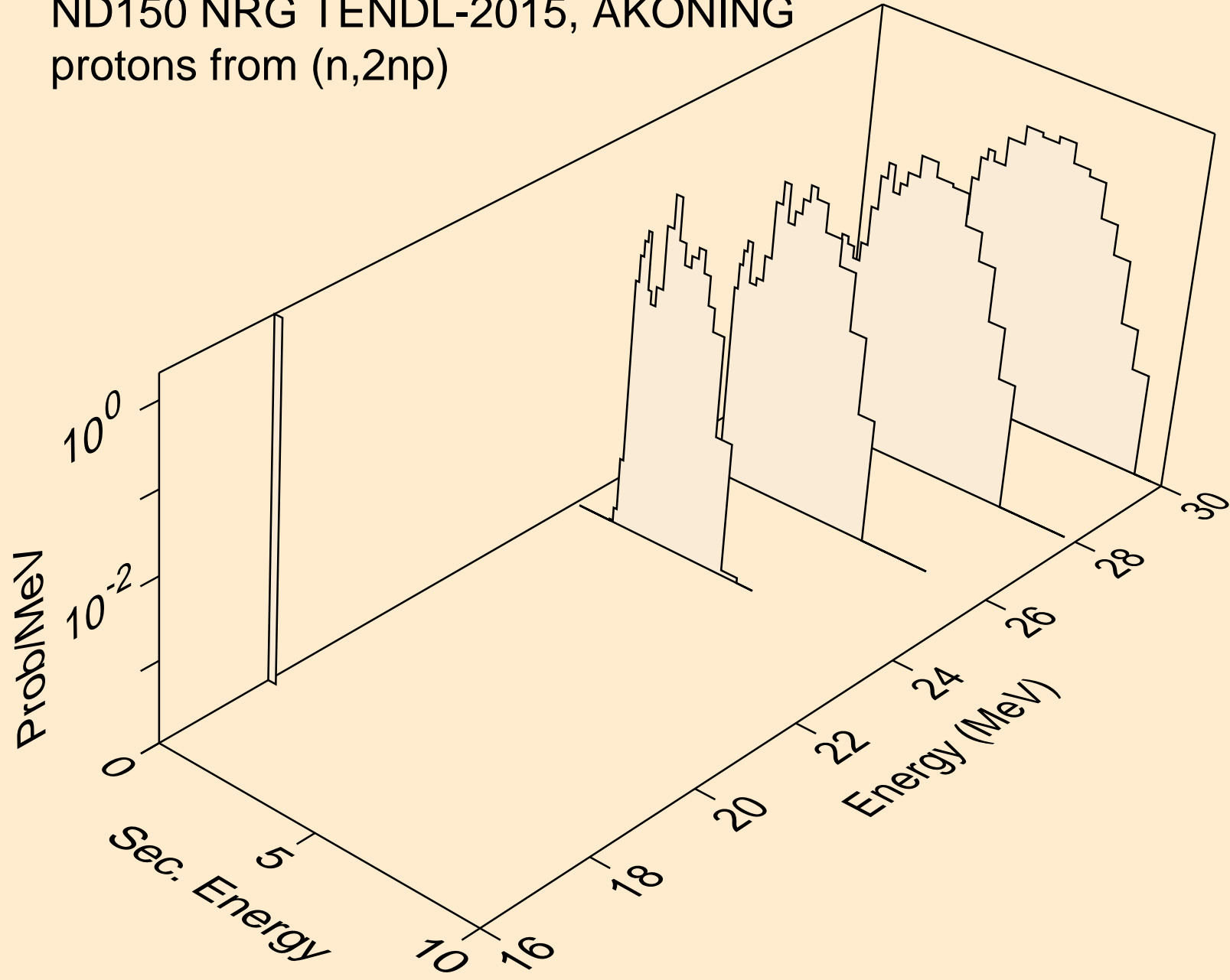
ND150 NRG TENDL-2015, AKONING  
protons from (n,2np)



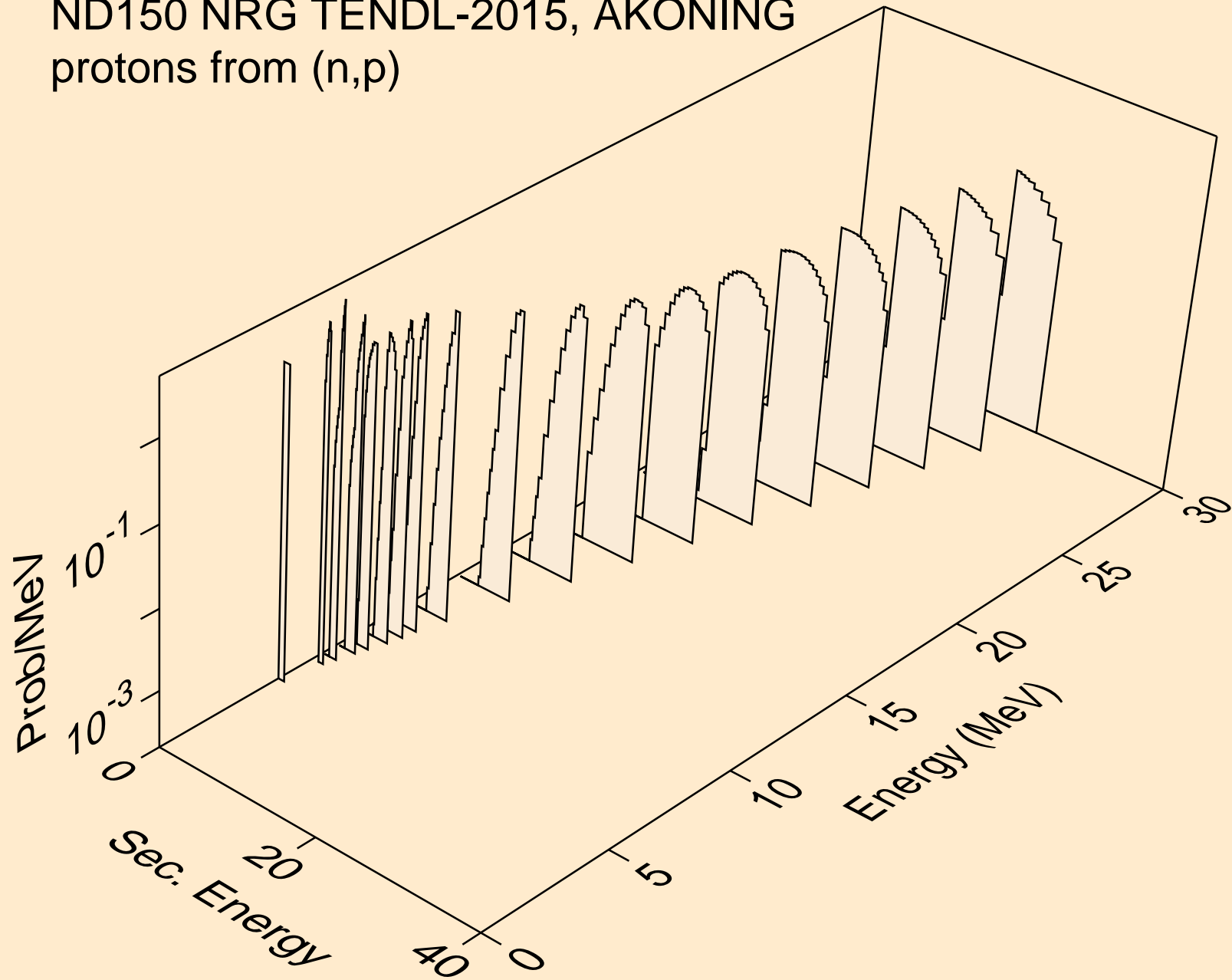
ND150 NRG TENDL-2015, AKONING  
protons from (n,3np)



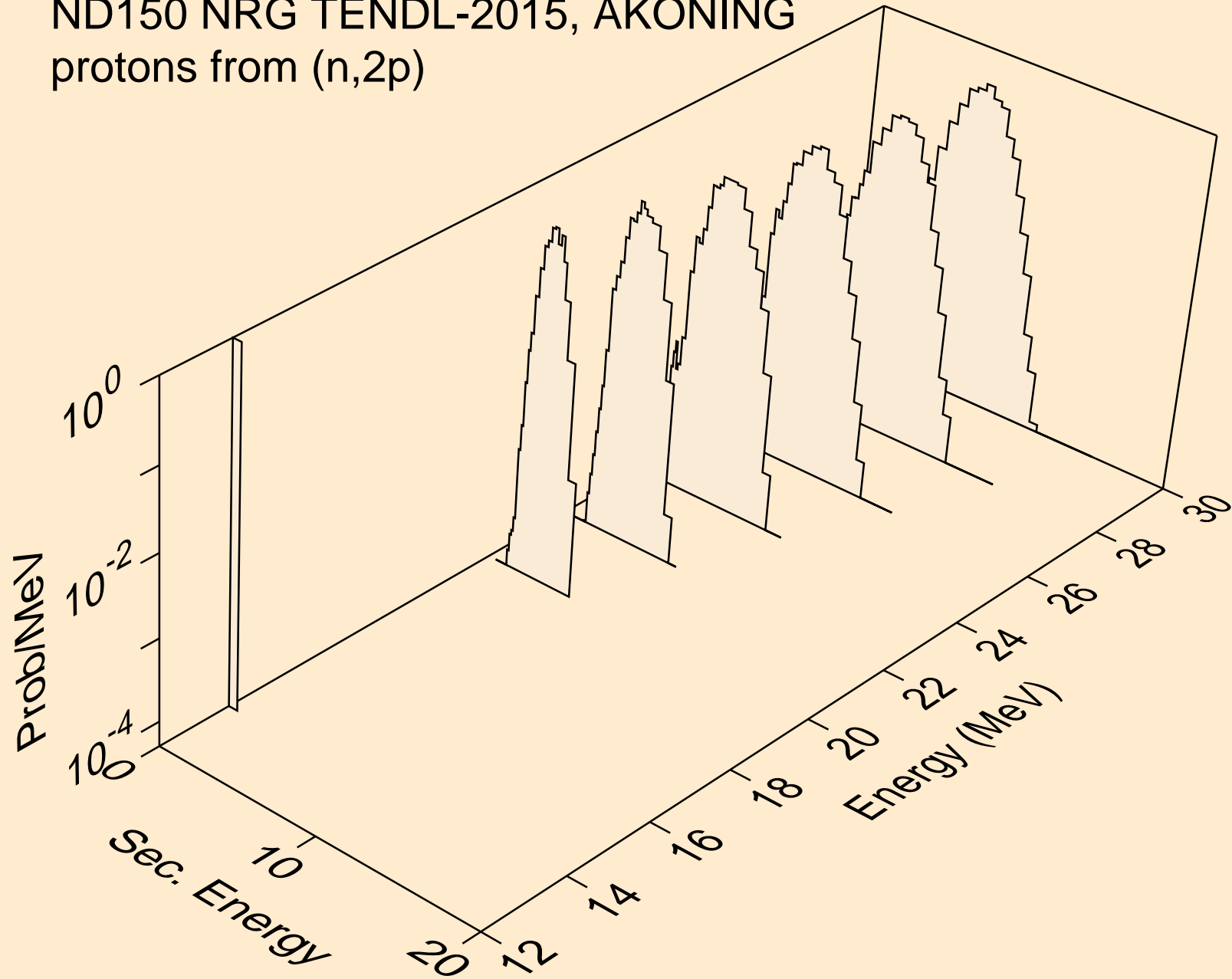
ND150 NRG TENDL-2015, AKONING  
protons from (n,2np)



ND150 NRG TENDL-2015, AKONING  
protons from (n,p)

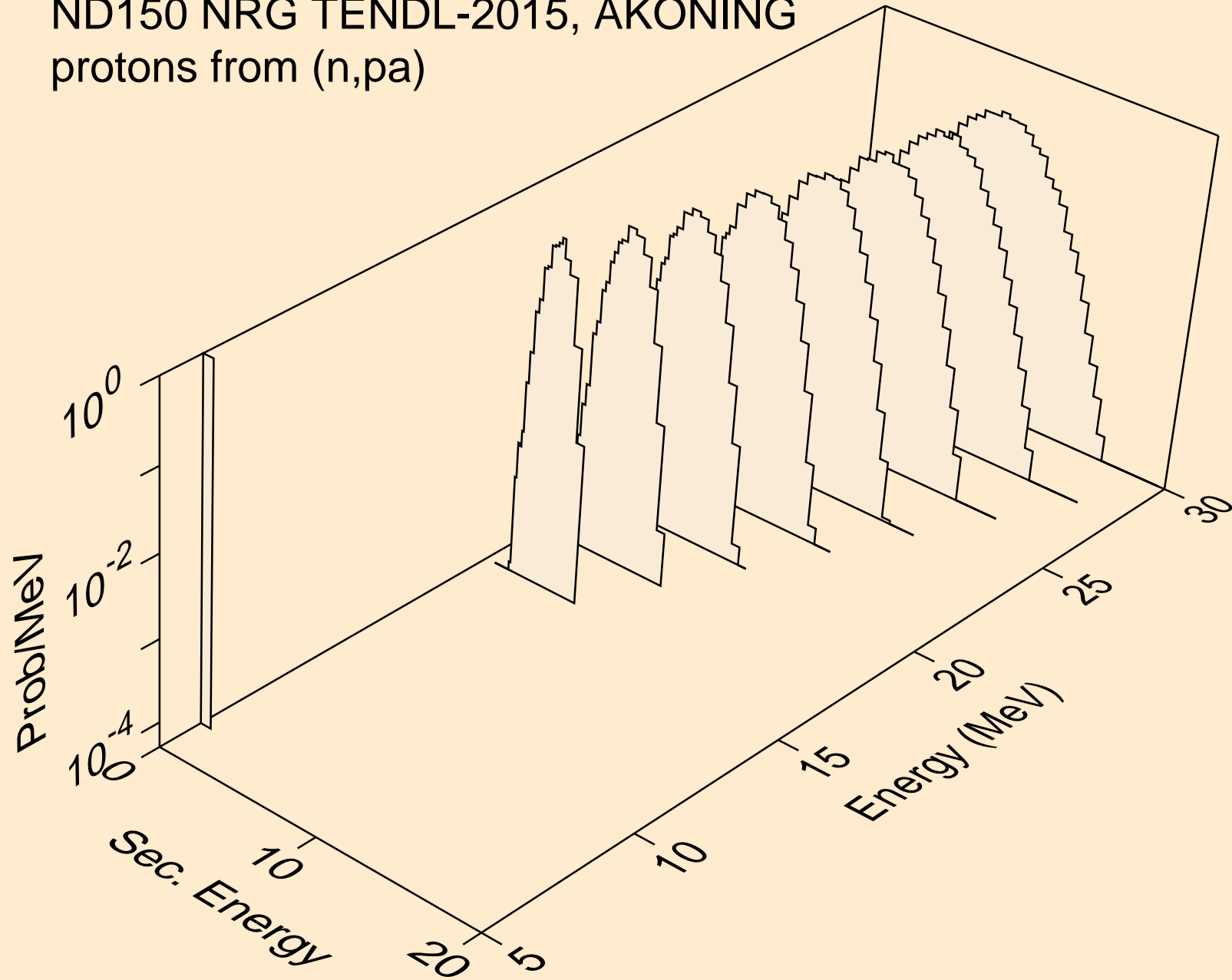


ND150 NRG TENDL-2015, AKONING  
protons from (n,2p)

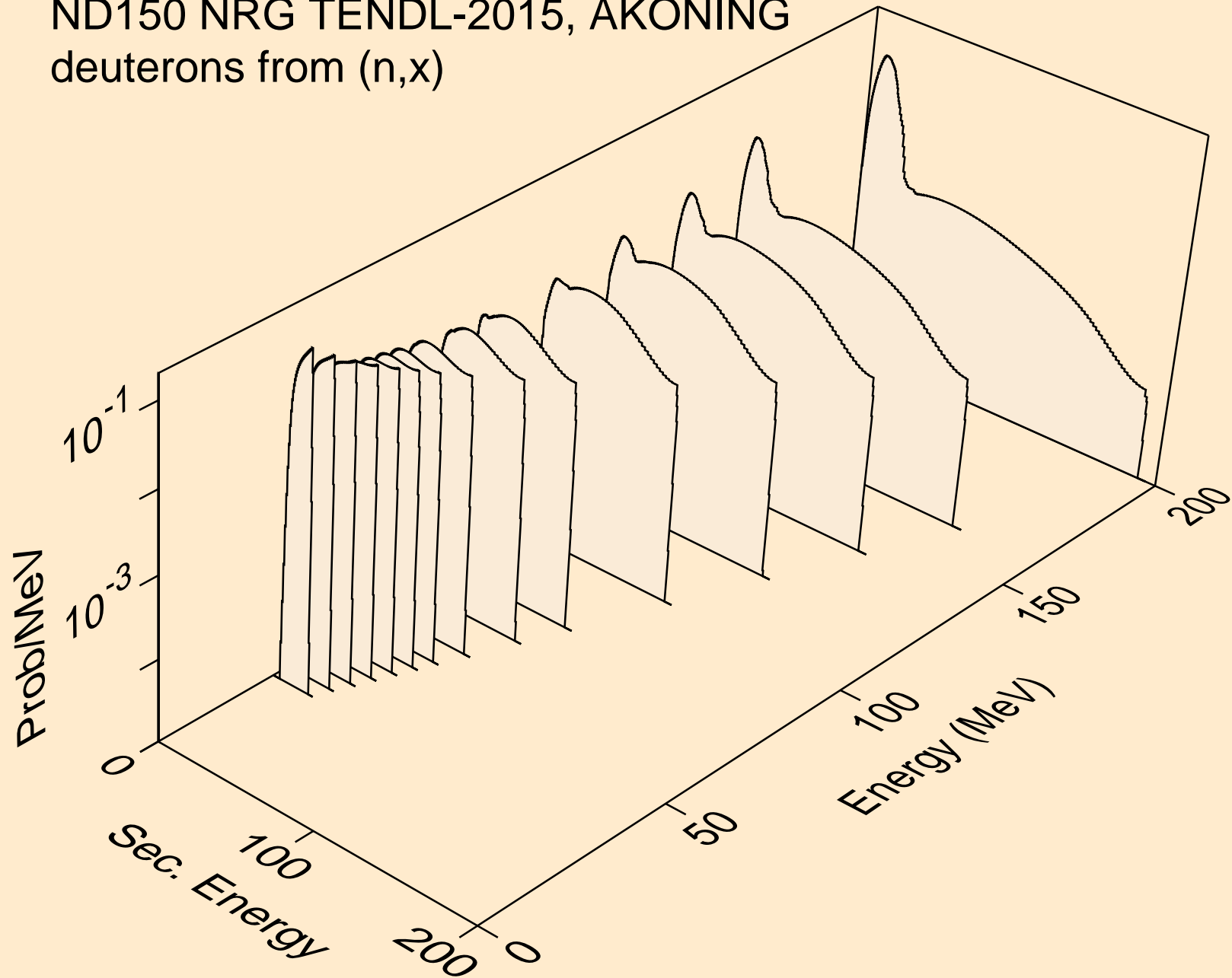




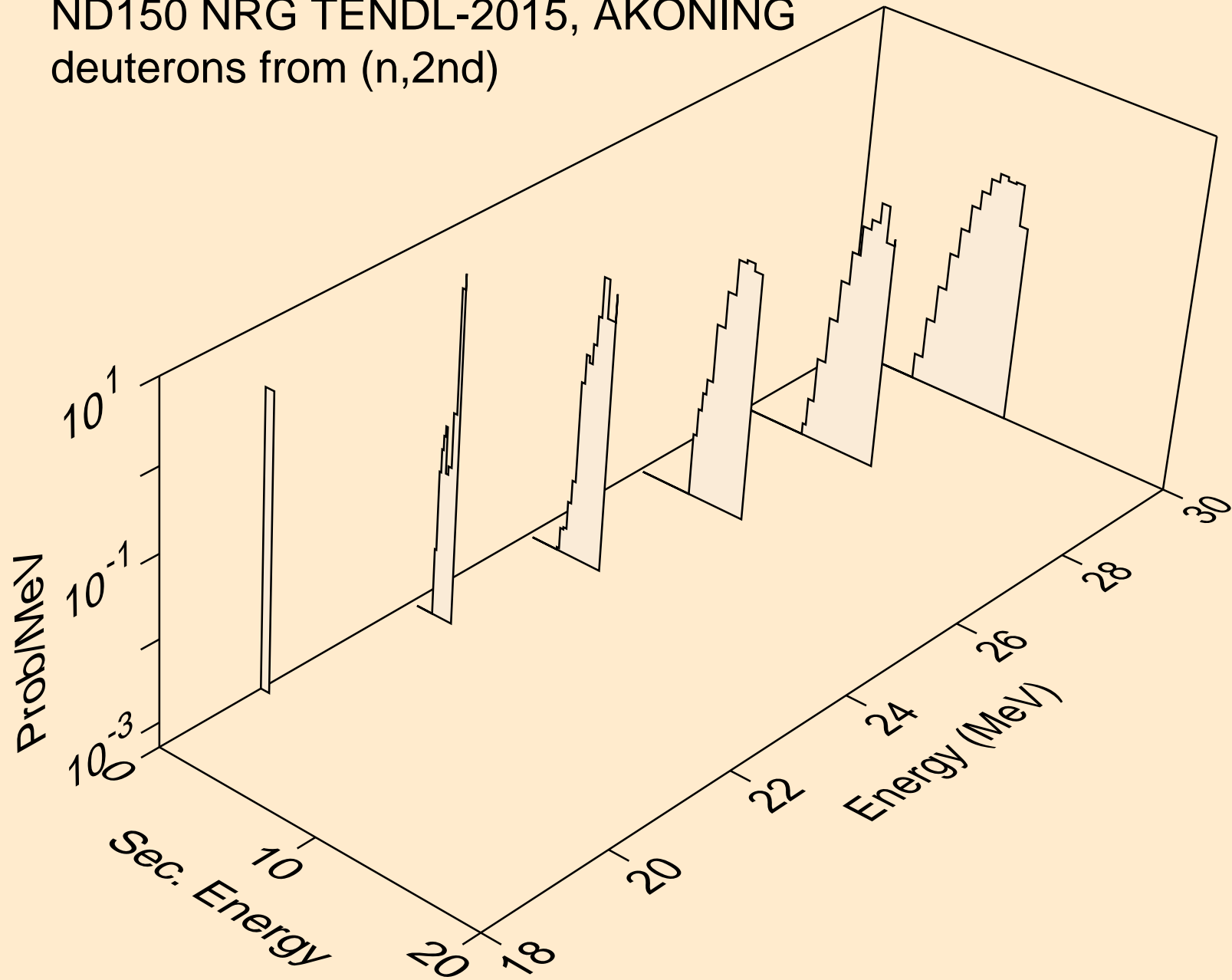
ND150 NRG TENDL-2015, AKONING  
protons from (n,pa)



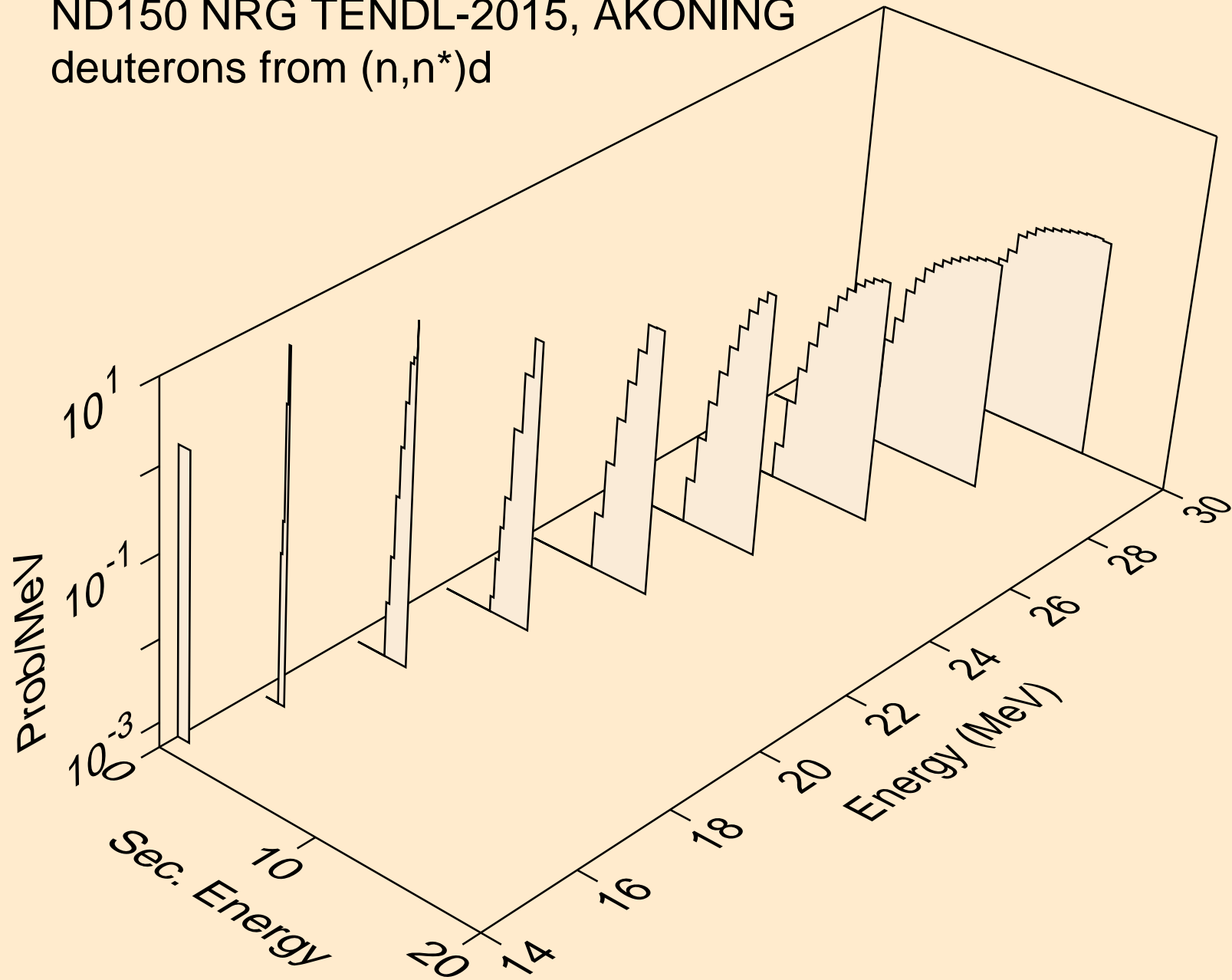
ND150 NRG TENDL-2015, AKONING  
deuterons from (n,x)



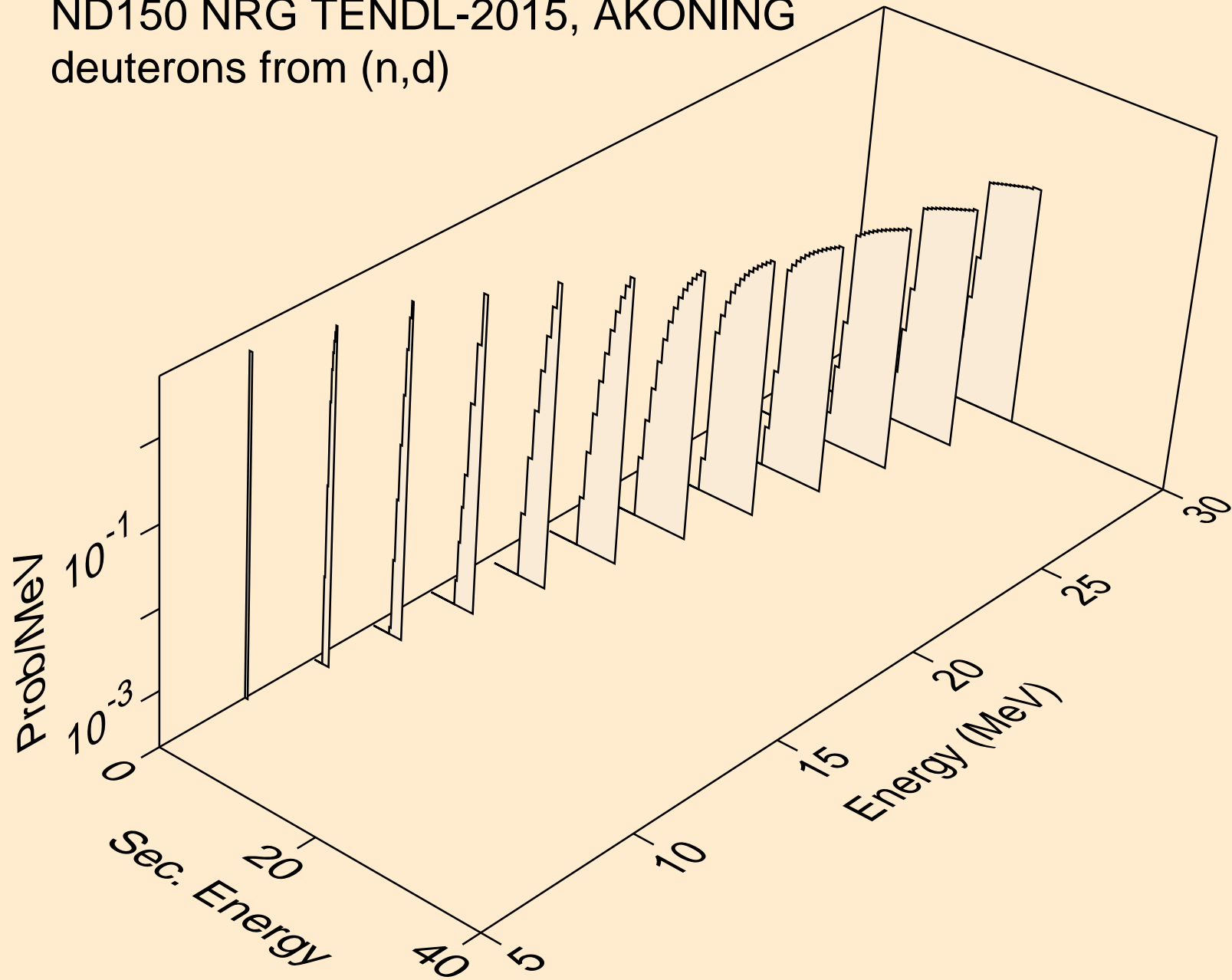
ND150 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



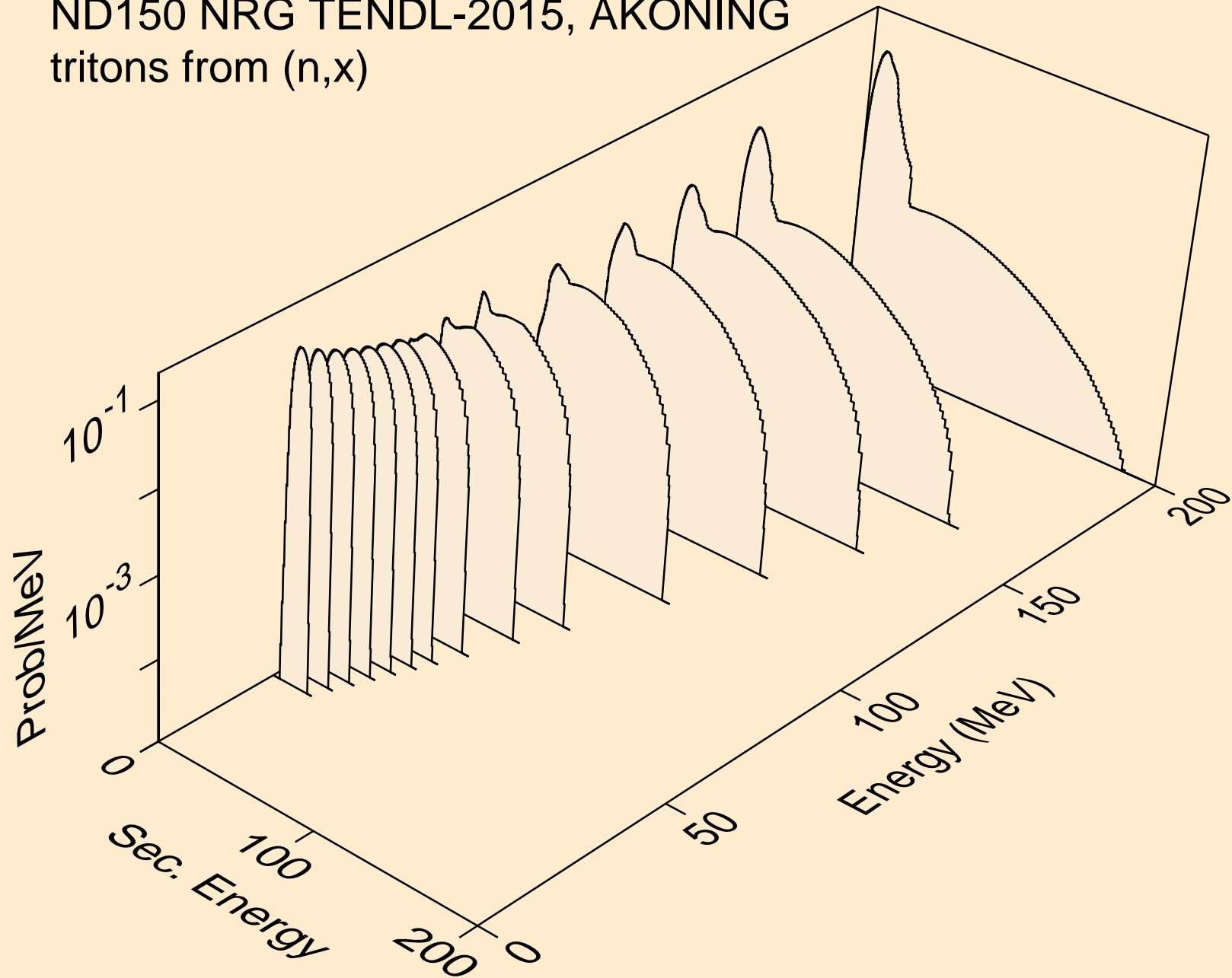
ND150 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



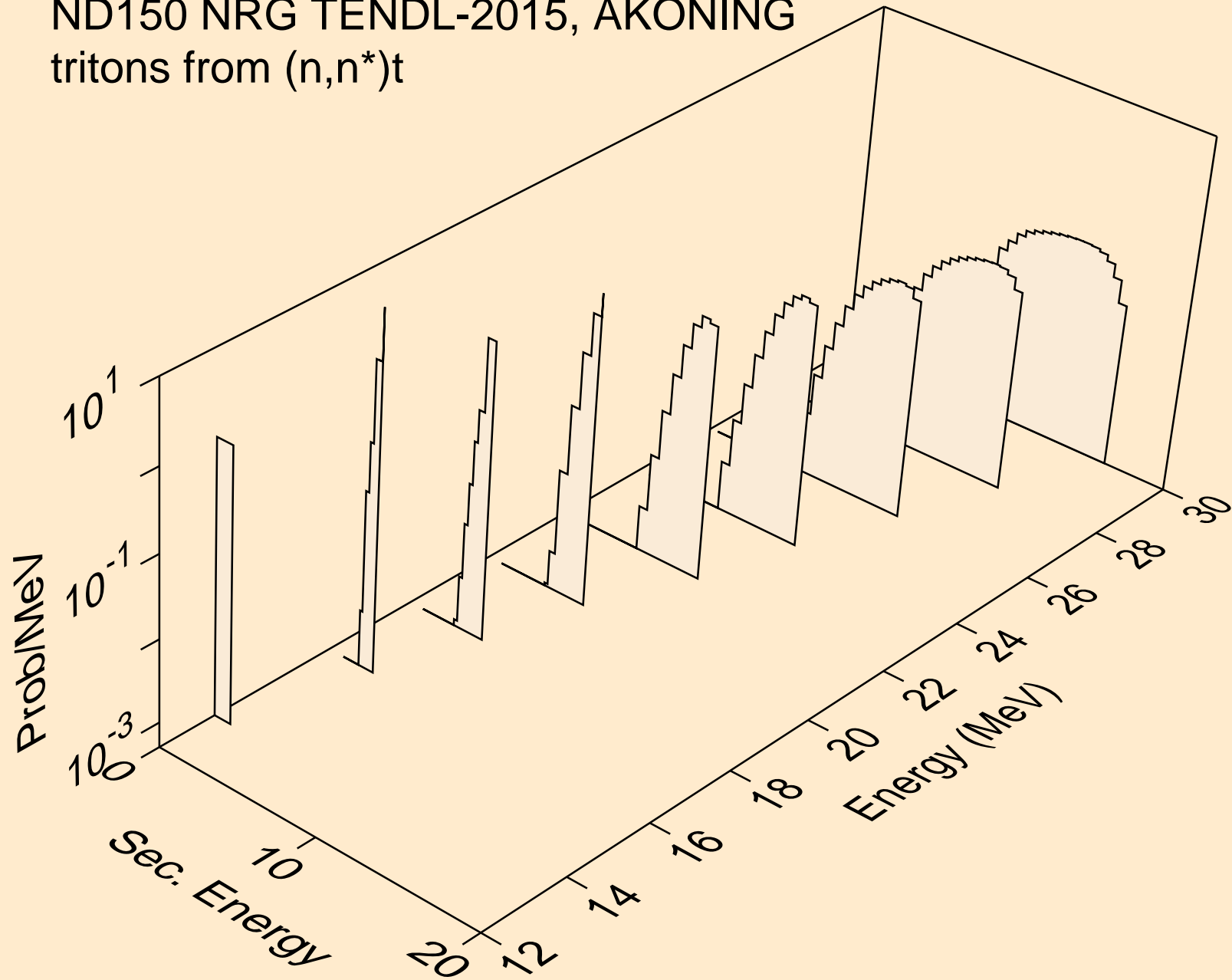
ND150 NRG TENDL-2015, AKONING  
deuterons from (n,d)



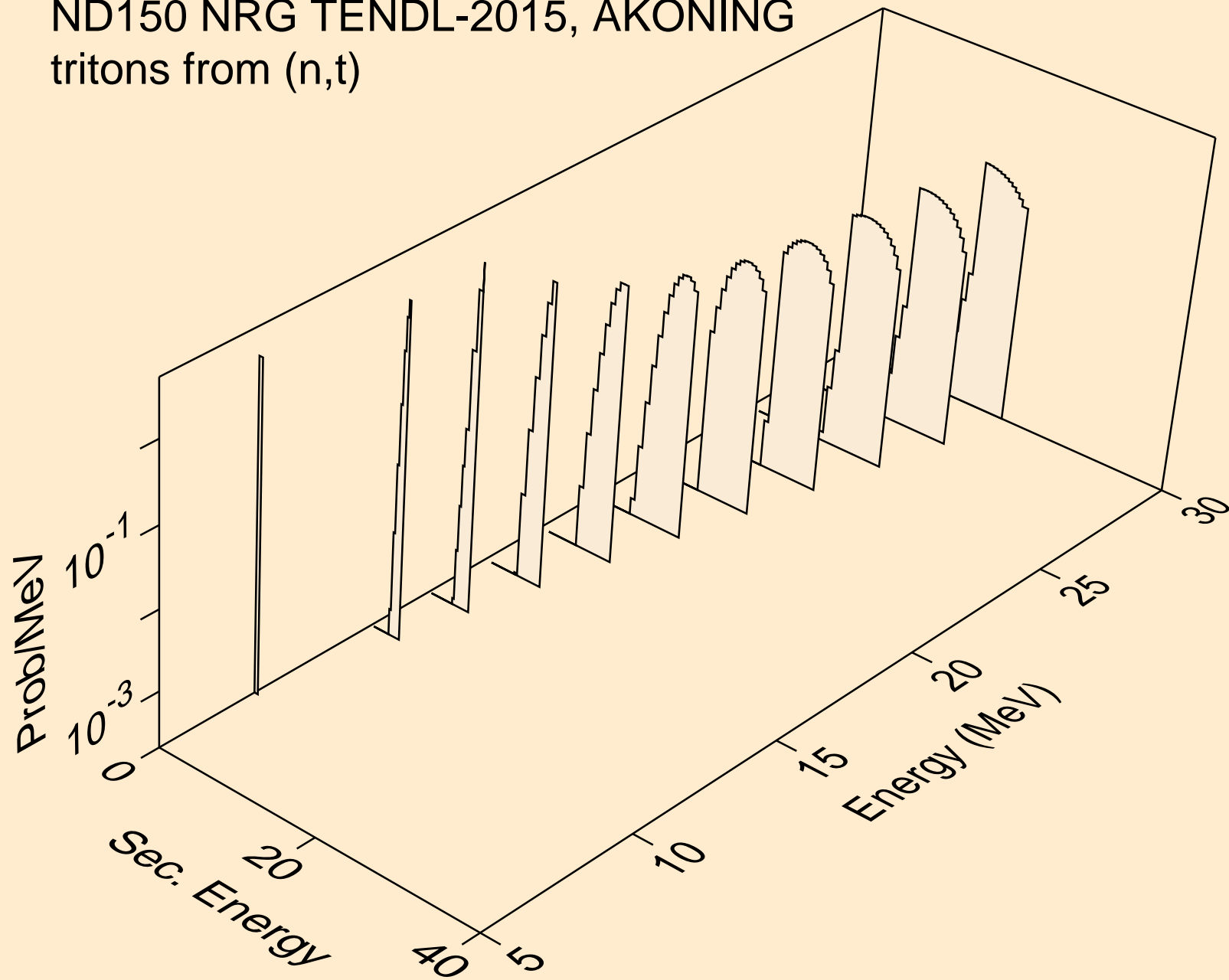
ND150 NRG TENDL-2015, AKONING  
tritons from (n,x)



ND150 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

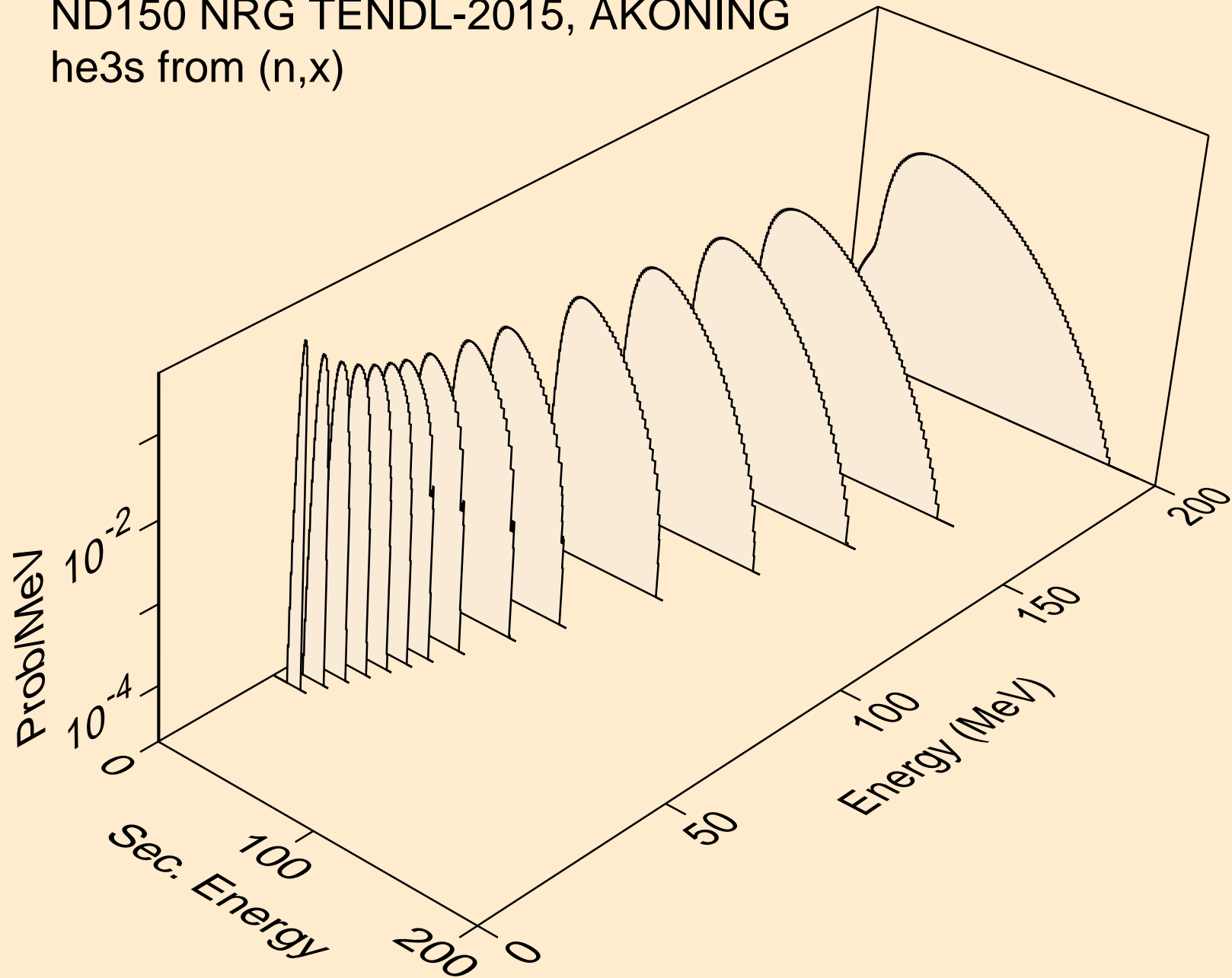


ND150 NRG TENDL-2015, AKONING  
tritons from (n,t)

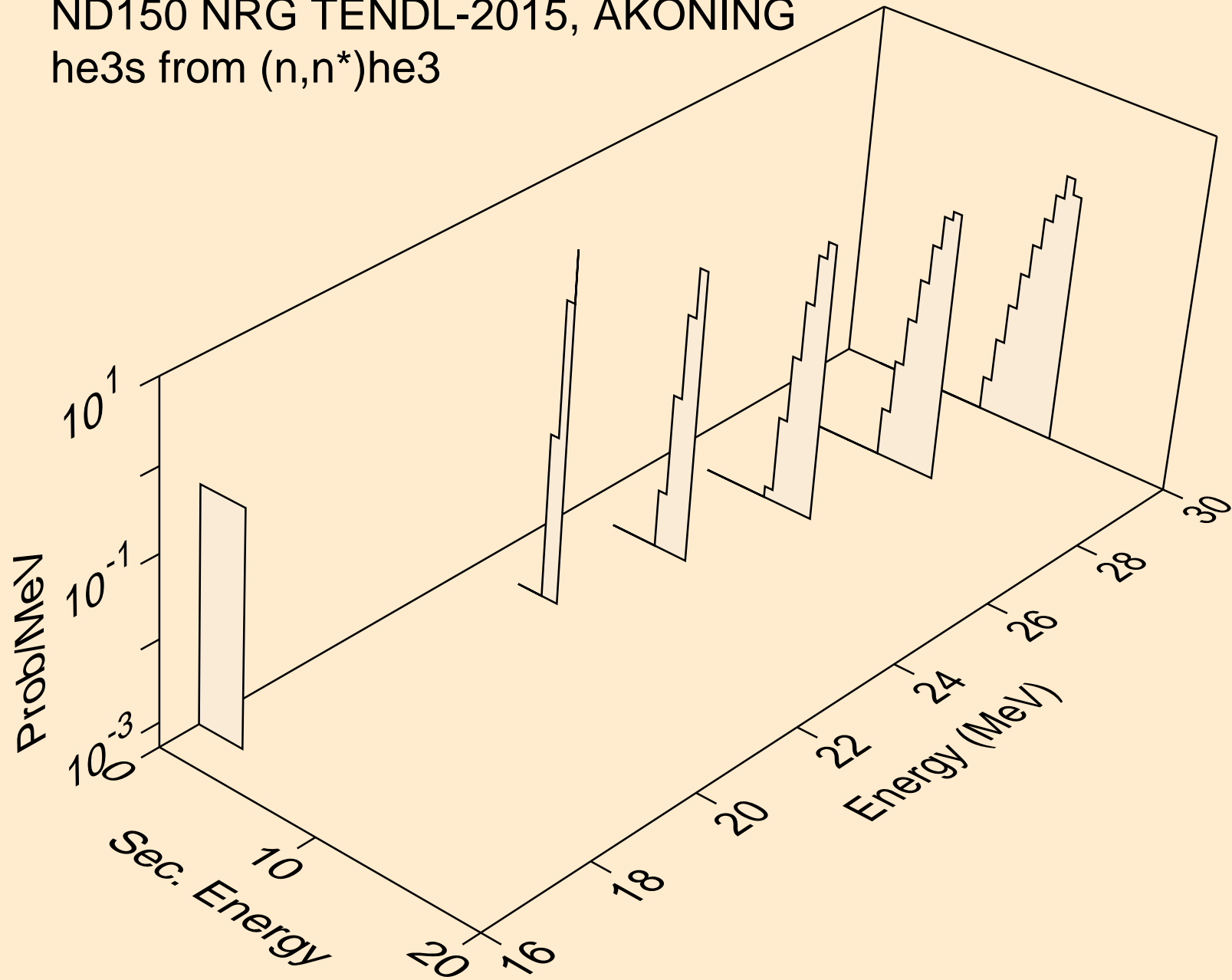




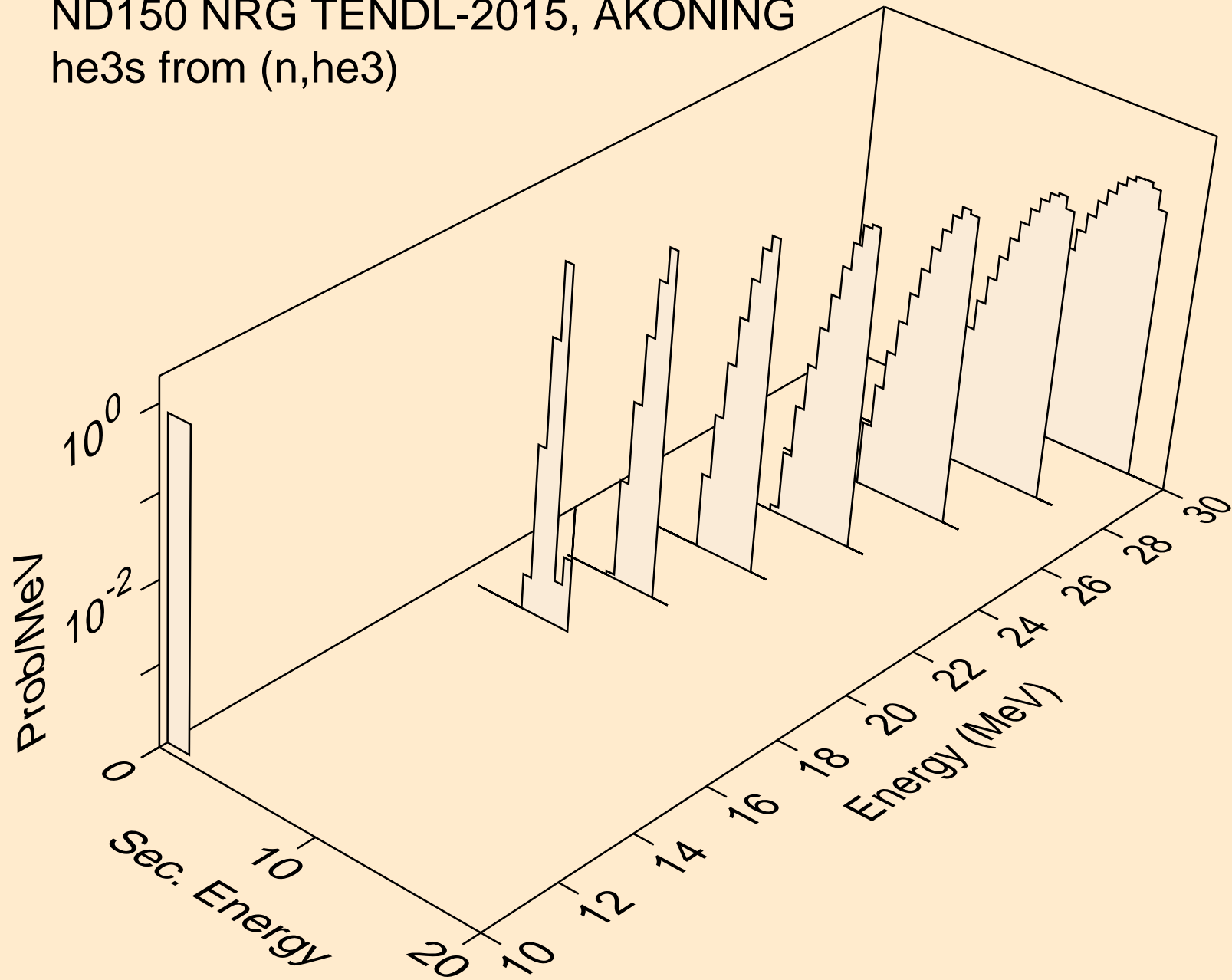
ND150 NRG TENDL-2015, AKONING  
he3s from (n,x)



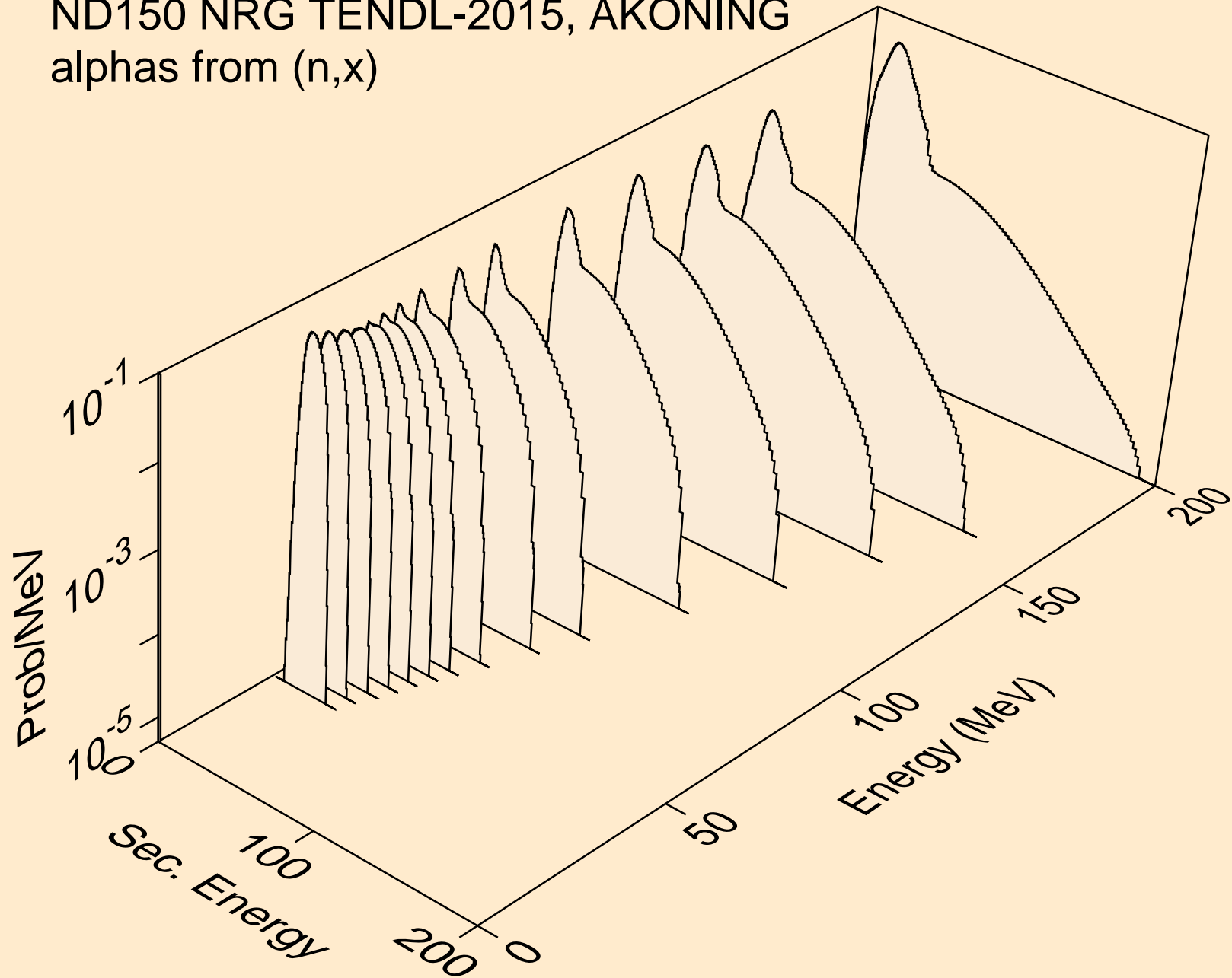
ND150 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



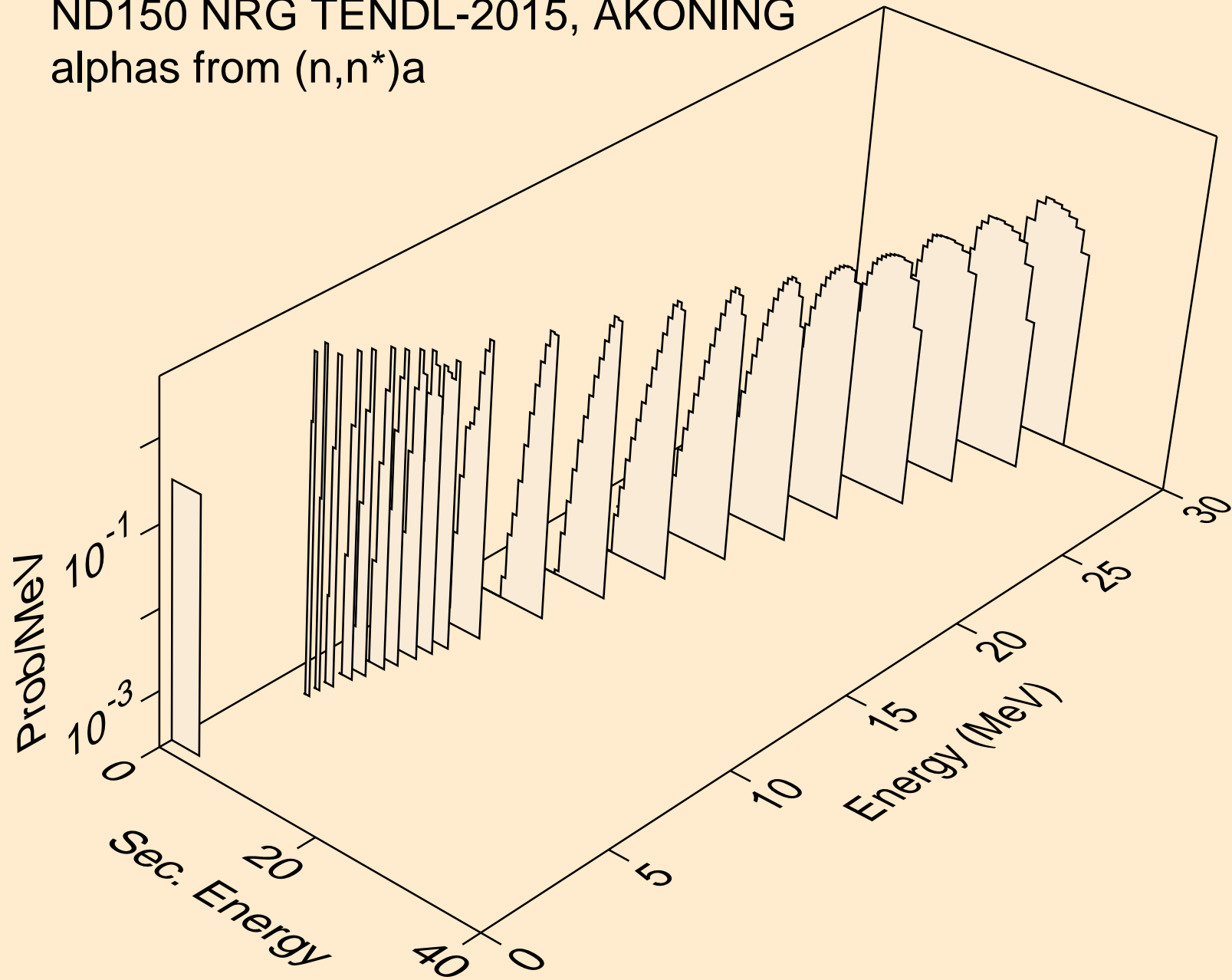
ND150 NRG TENDL-2015, AKONING  
he3s from (n,he3)



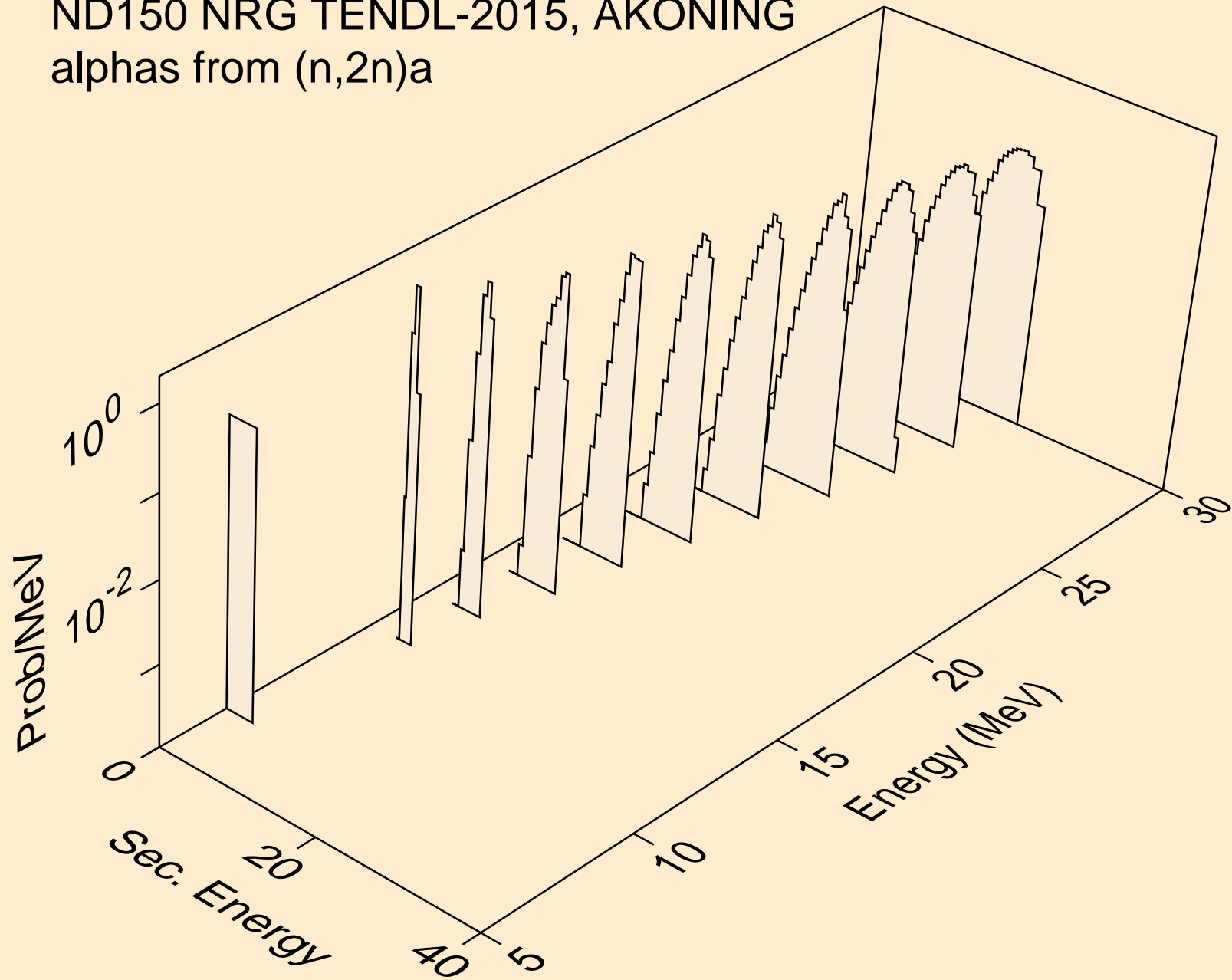
ND150 NRG TENDL-2015, AKONING  
alphas from (n,x)



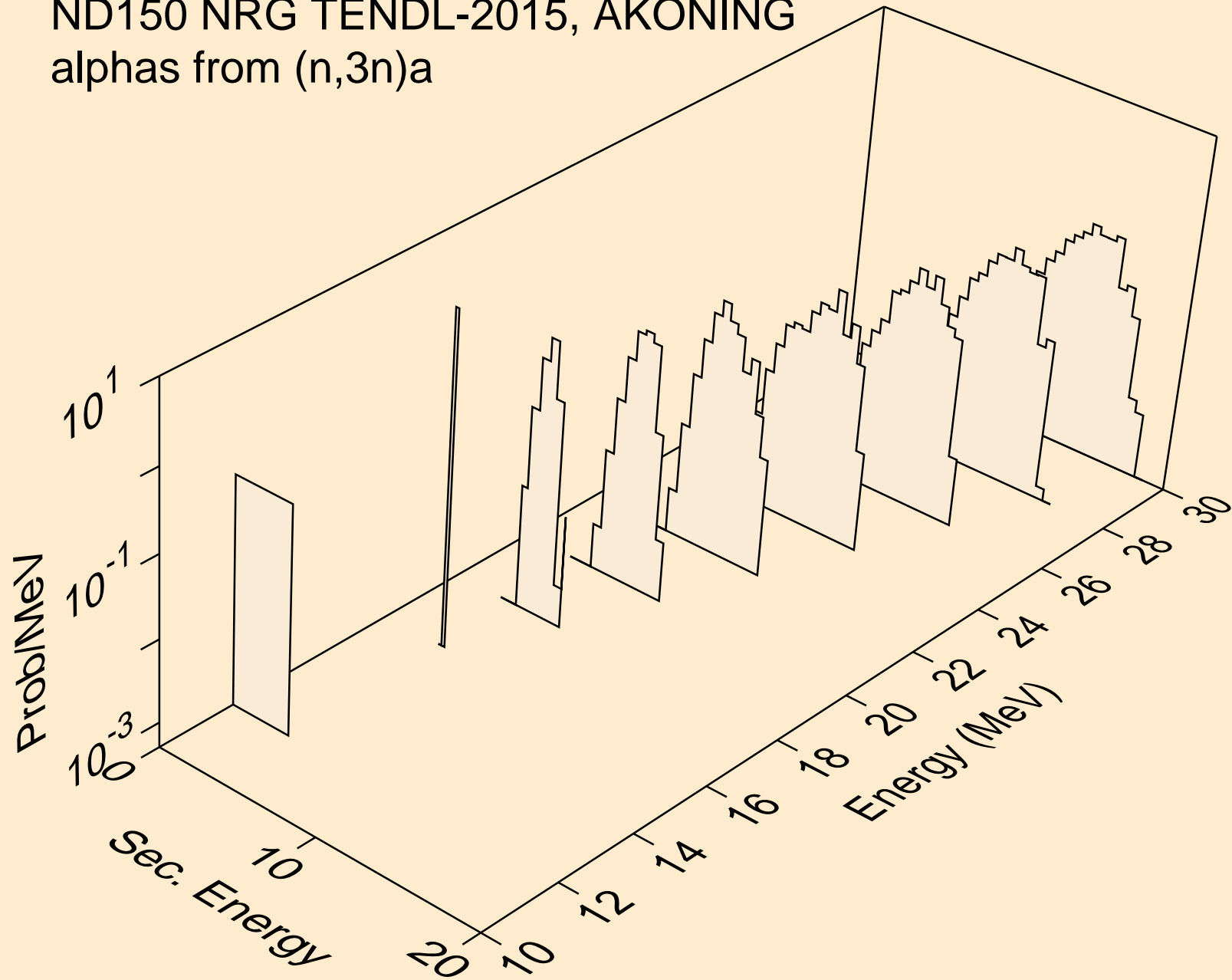
ND150 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



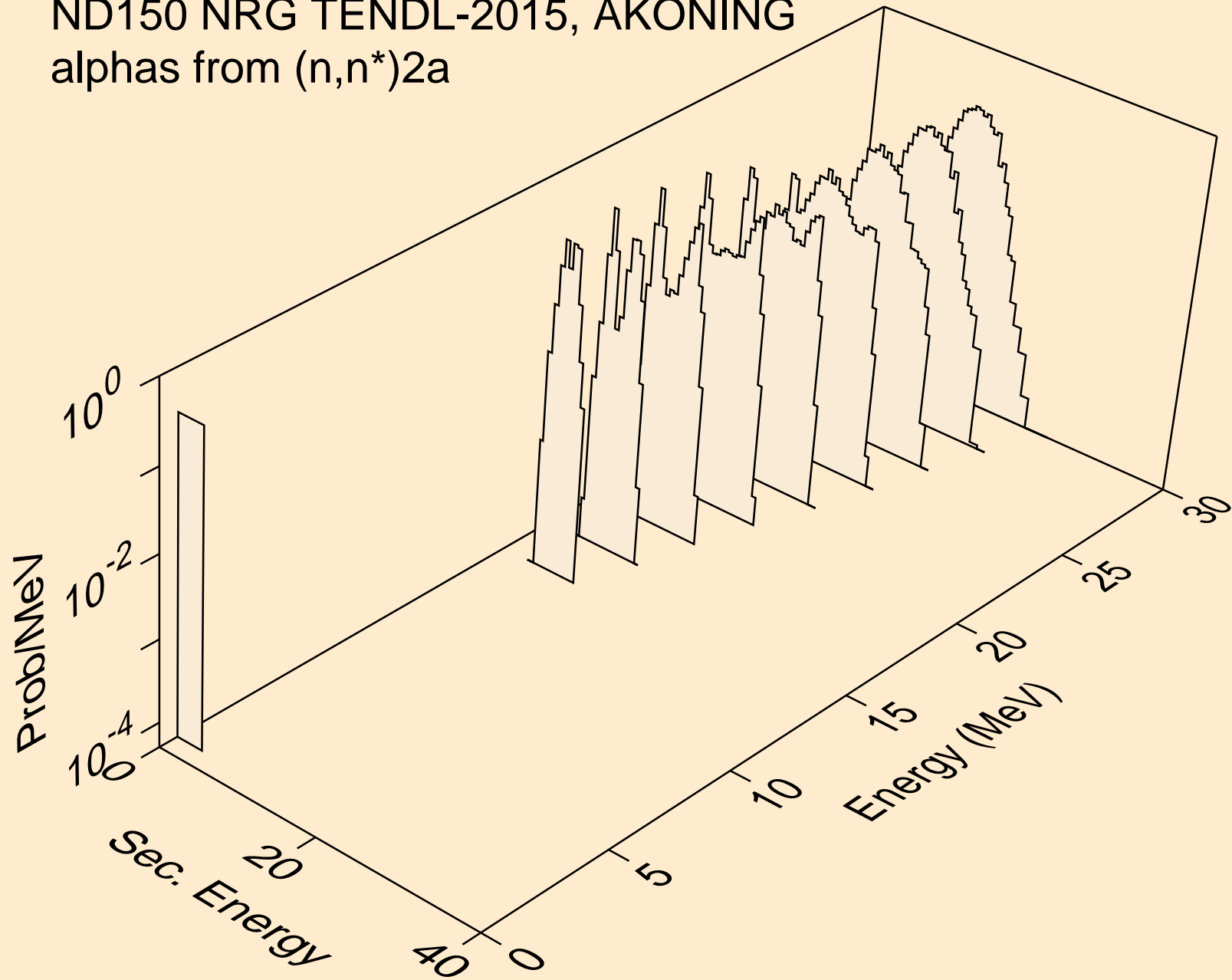
ND150 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ND150 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

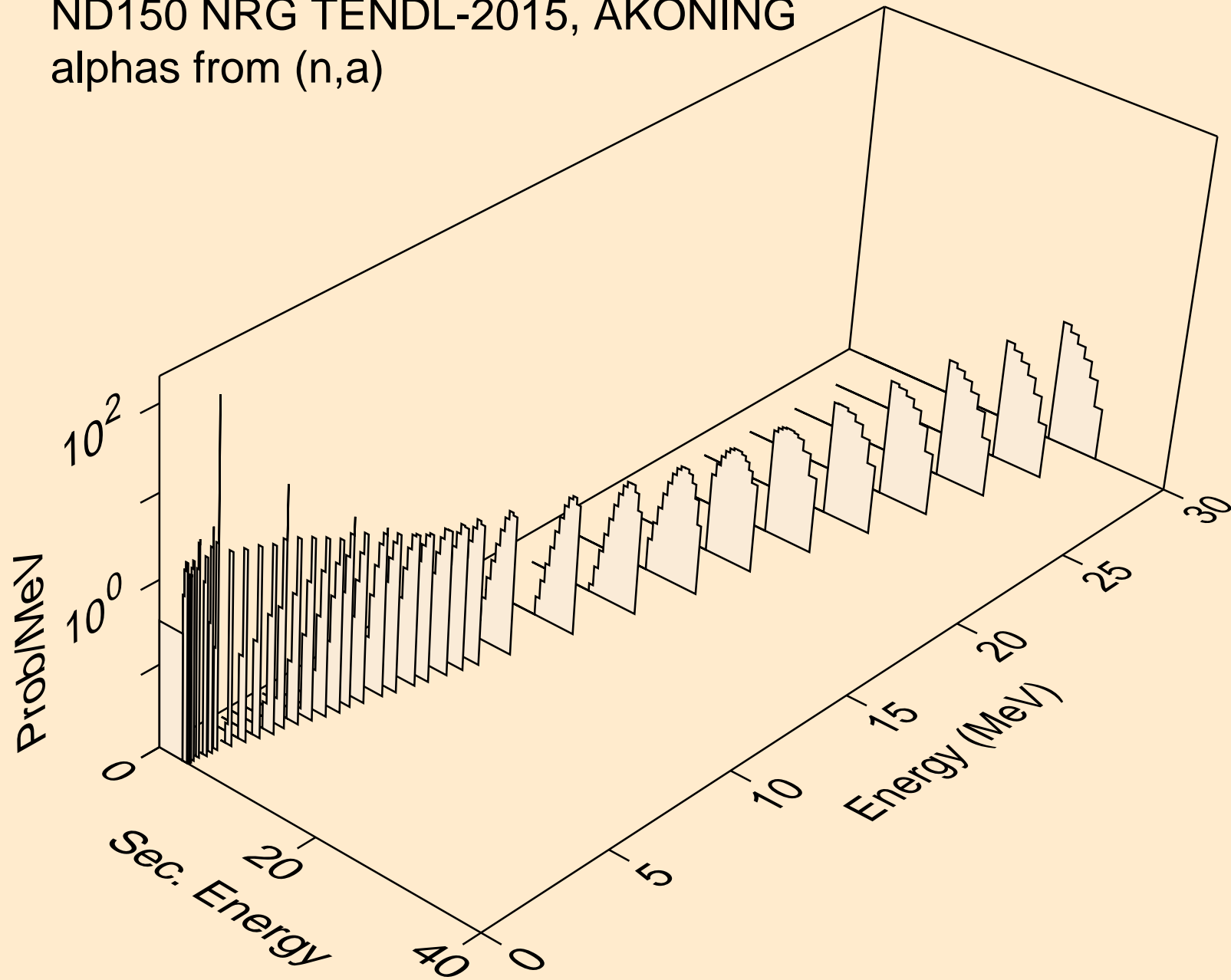


ND150 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

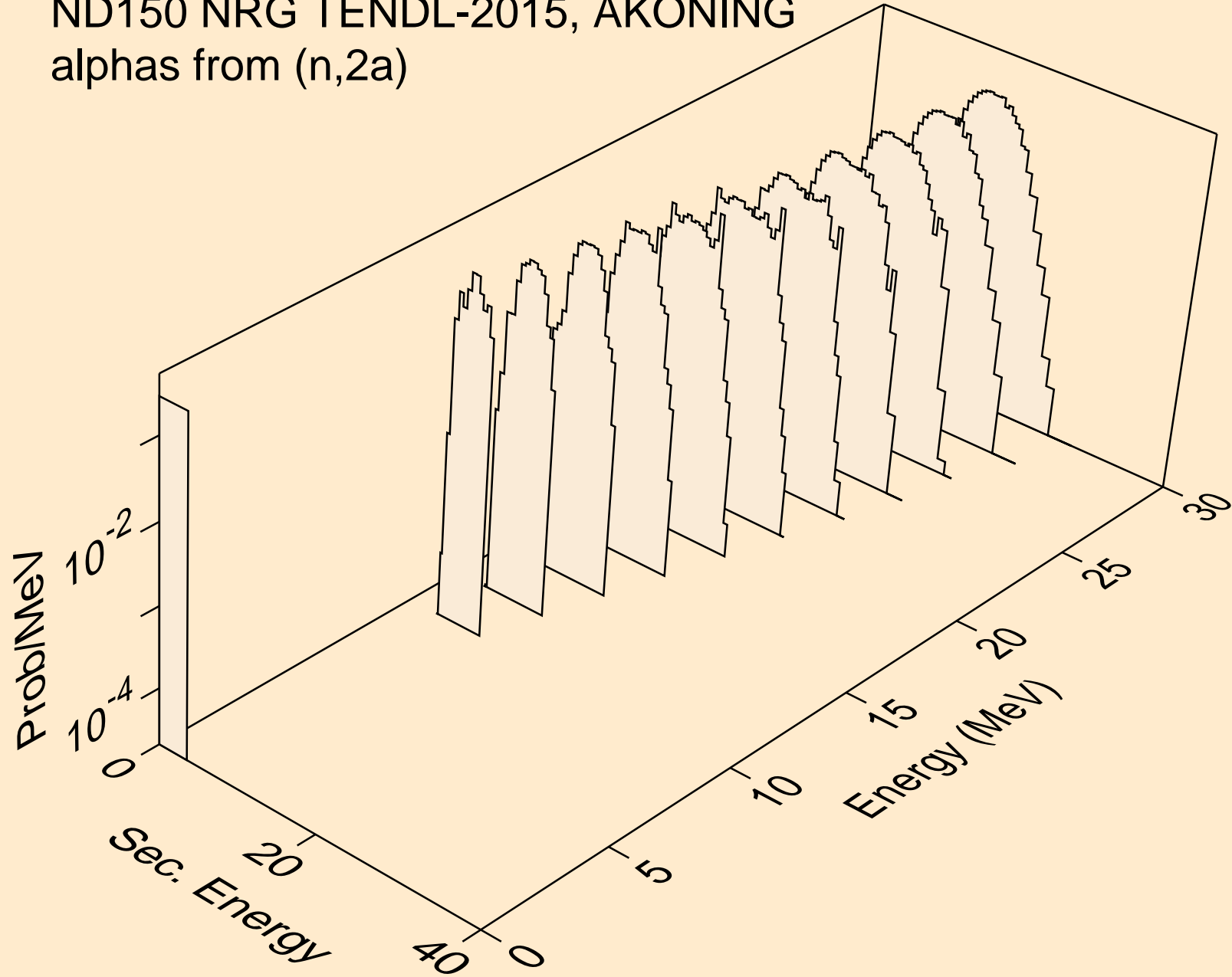




ND150 NRG TENDL-2015, AKONING  
alphas from (n,a)



ND150 NRG TENDL-2015, AKONING  
alphas from (n,2a)



ND150 NRG TENDL-2015, AKONING  
alphas from (n,pa)

