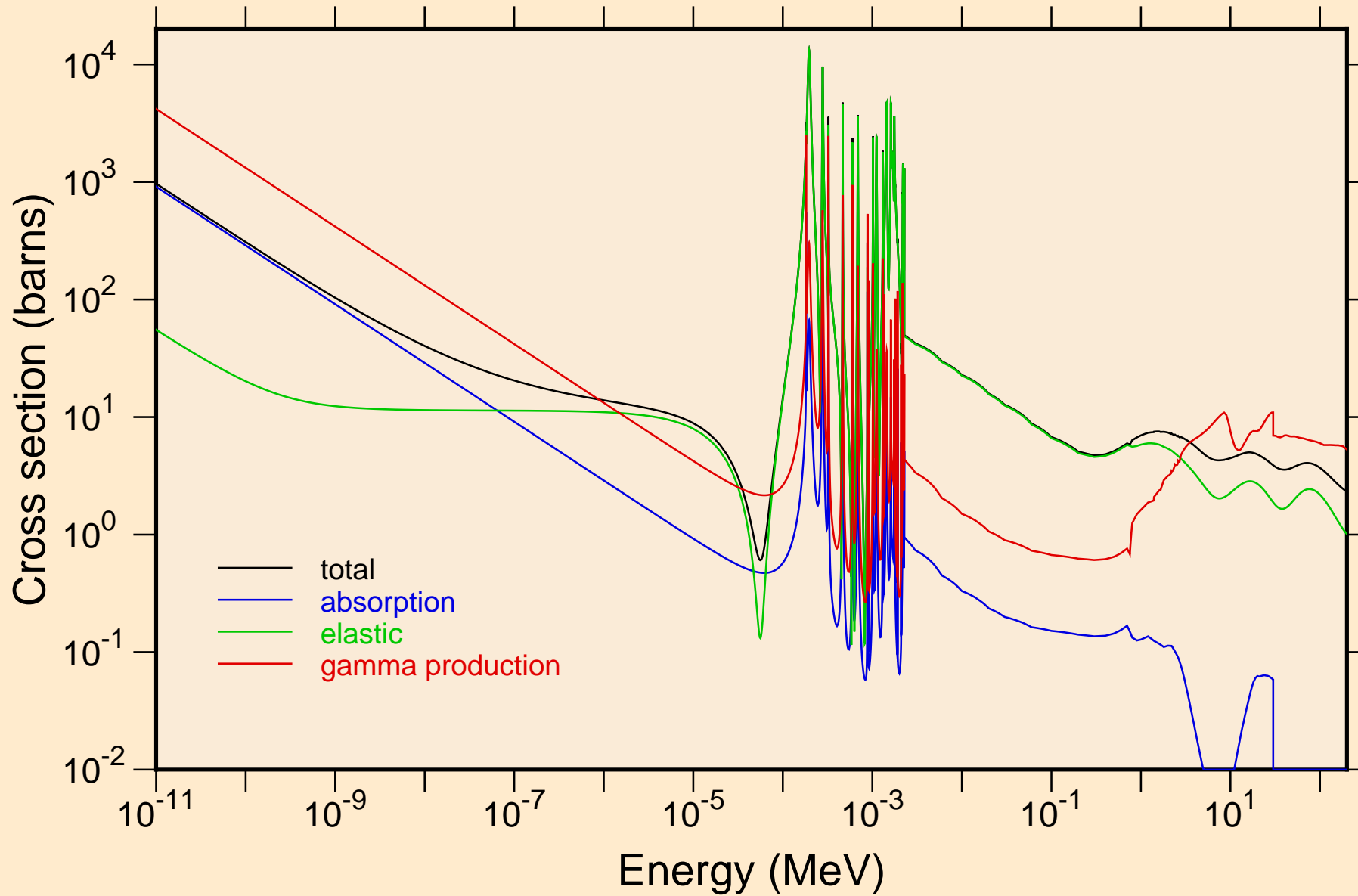
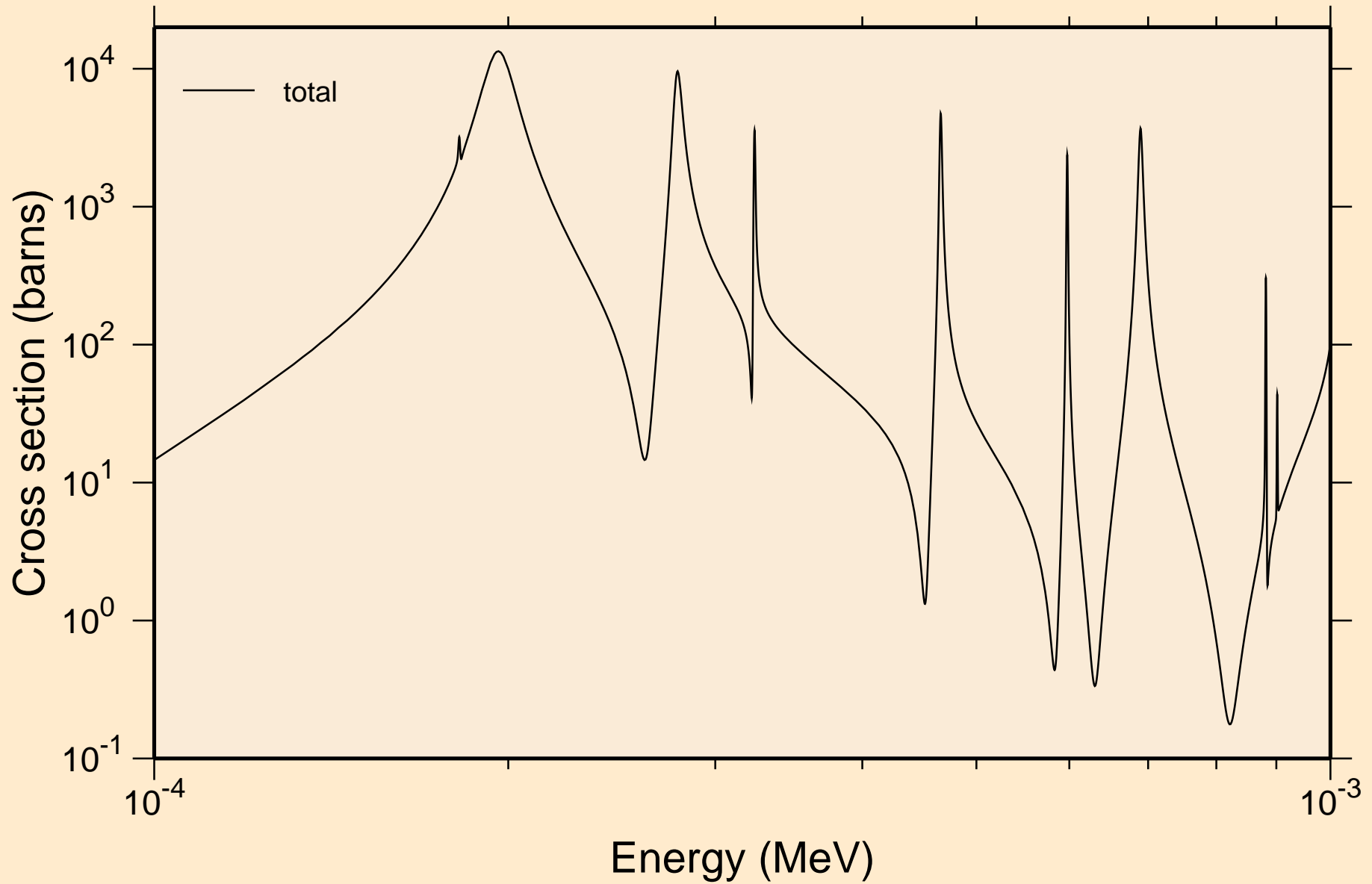


# SM146 NRG TENDL-2015, AKONING

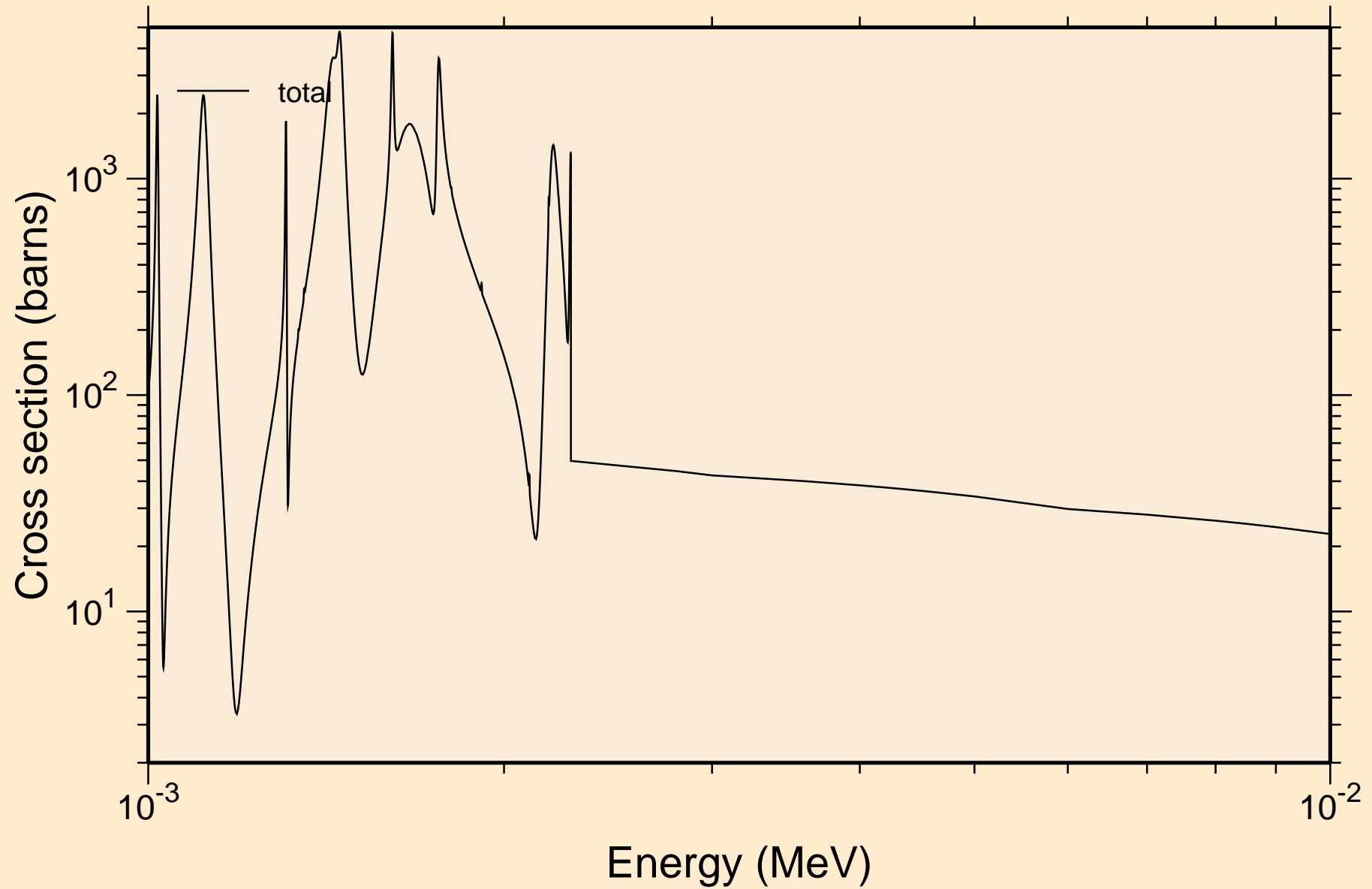
## Principal cross sections



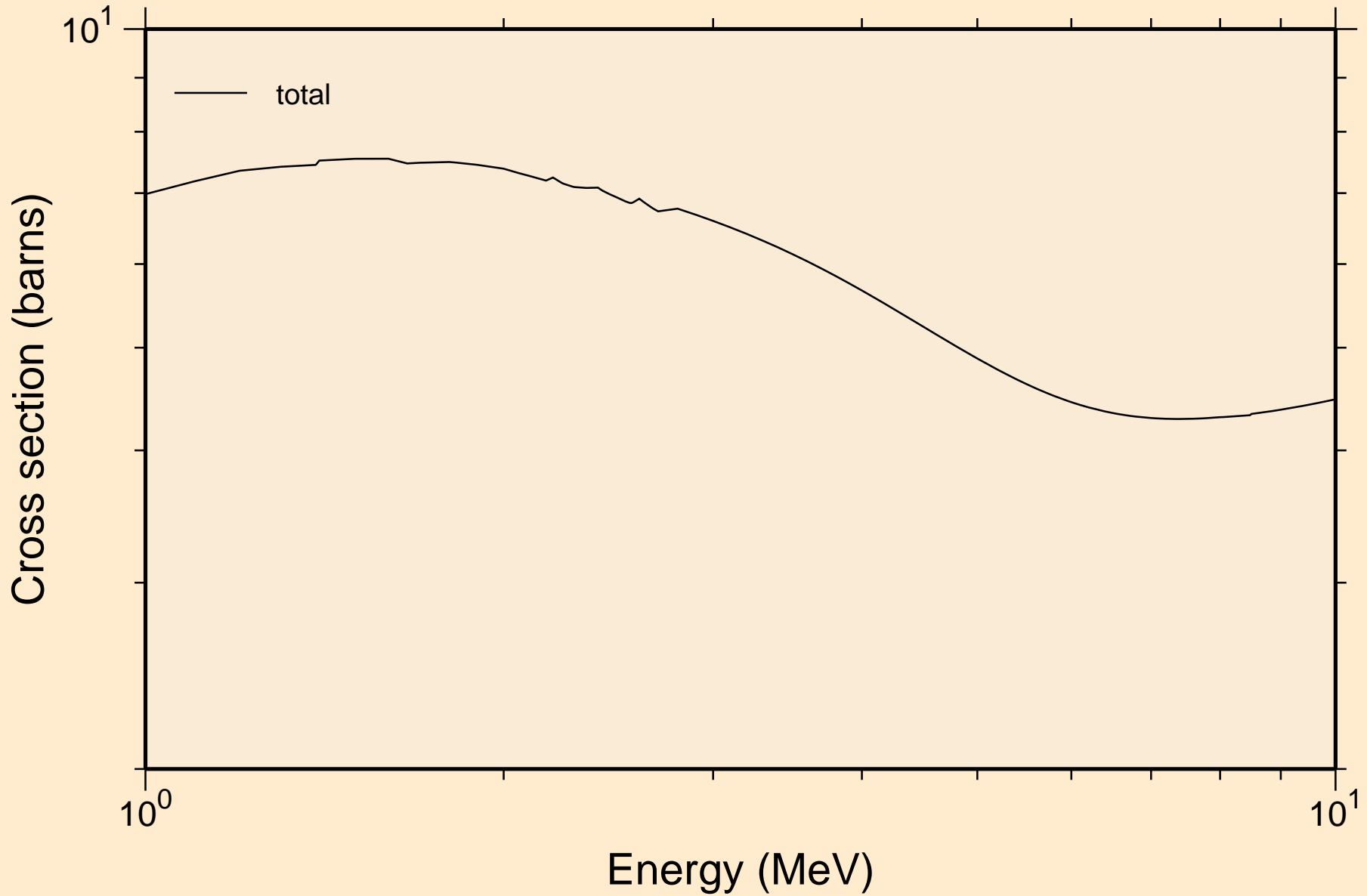
SM146 NRG TENDL-2015, AKONING  
resonance total cross section



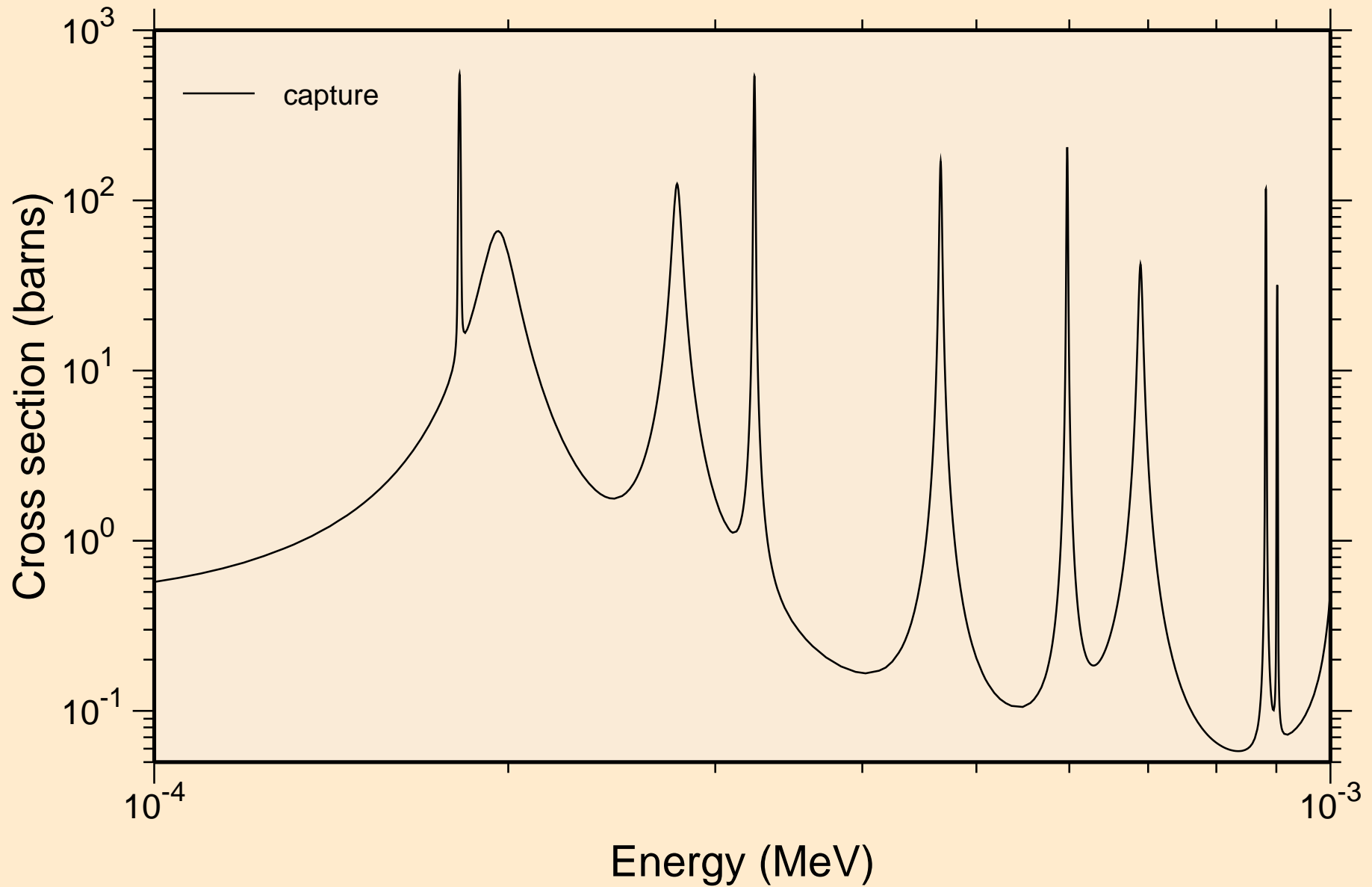
SM146 NRG TENDL-2015, AKONING  
resonance total cross section



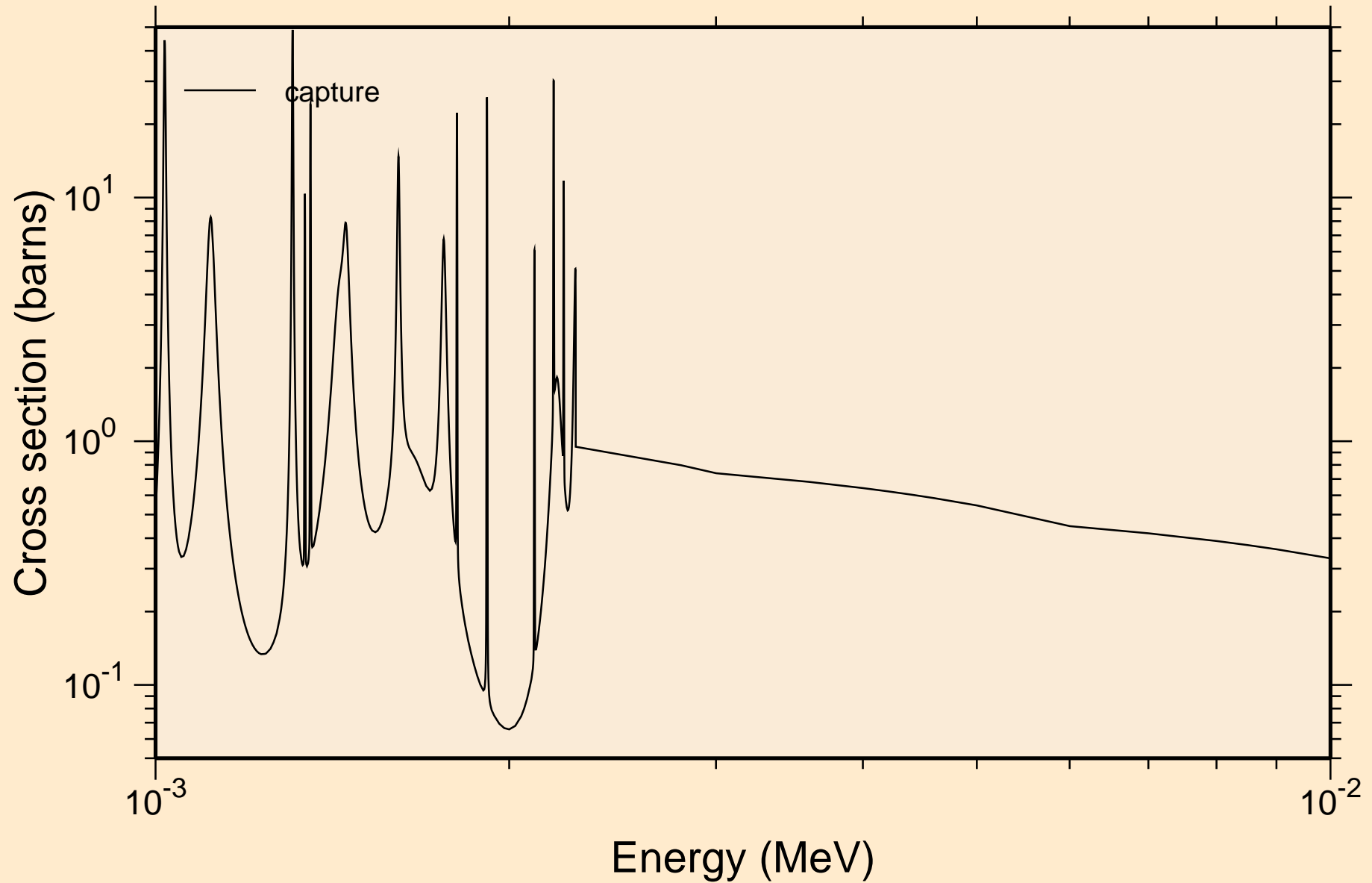
SM146 NRG TENDL-2015, AKONING  
resonance total cross section



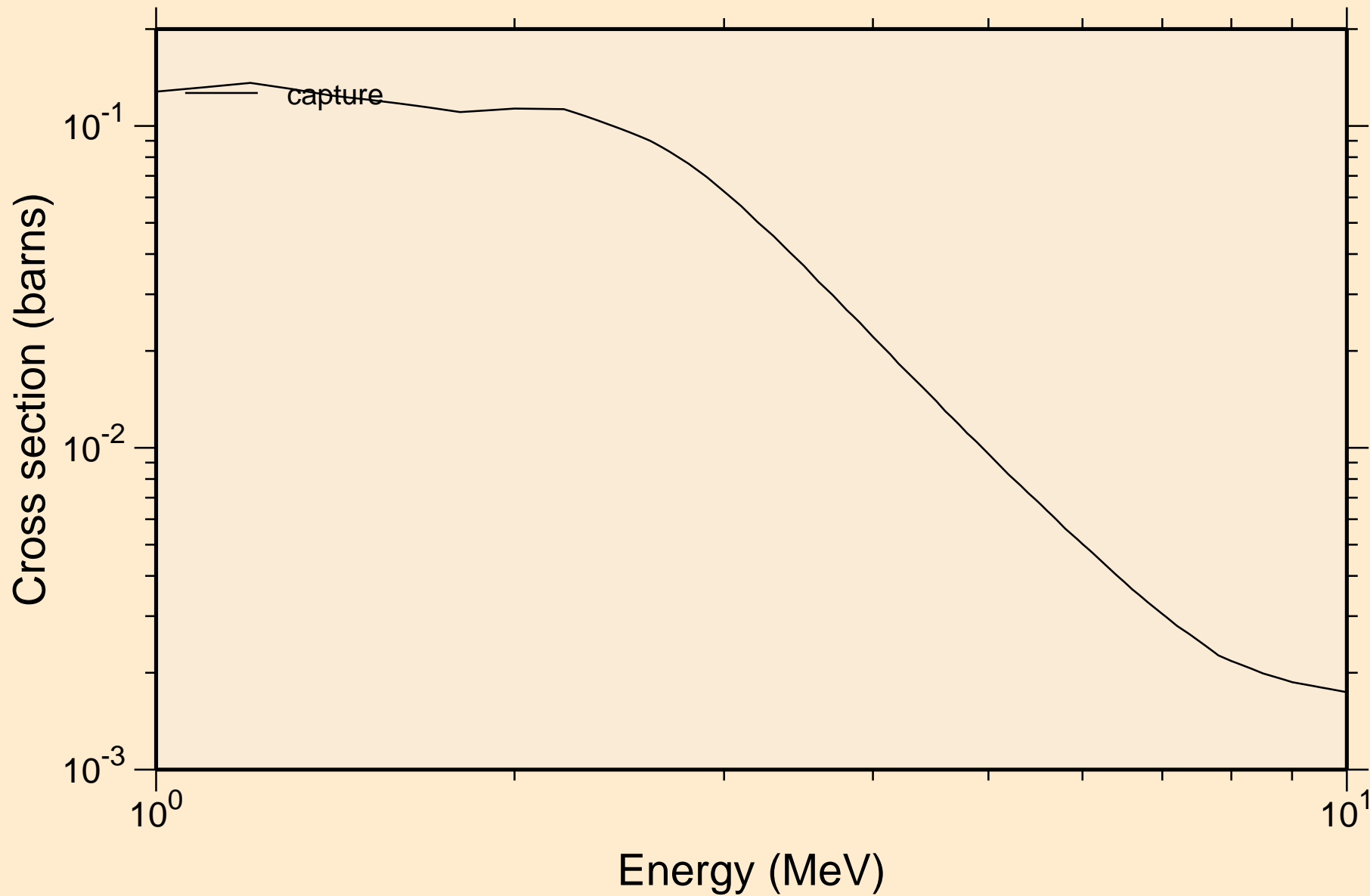
# SM146 NRG TENDL-2015, AKONING resonance absorption cross sections



SM146 NRG TENDL-2015, AKONING  
resonance absorption cross sections

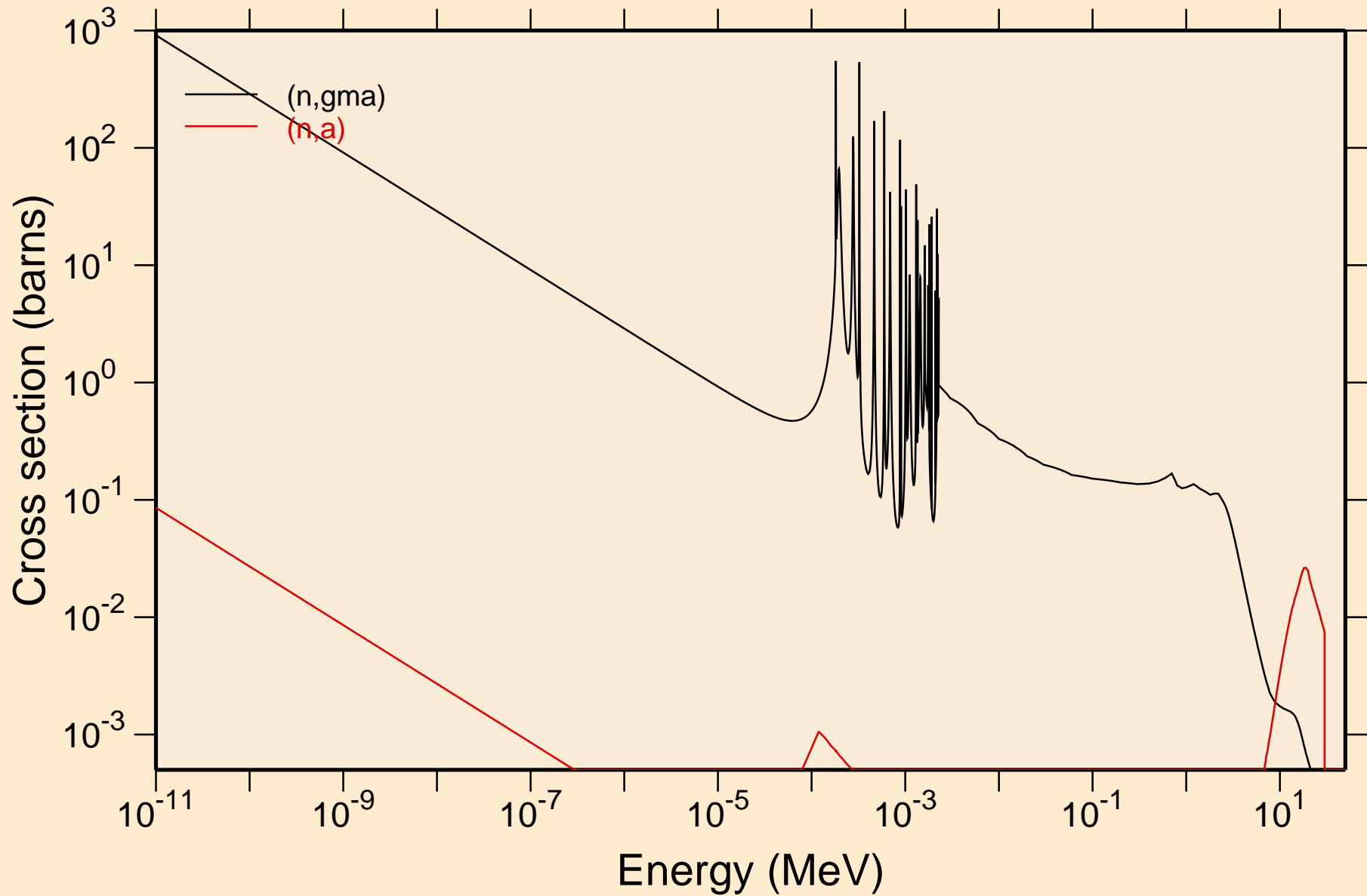


SM146 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# SM146 NRG TENDL-2015, AKONING

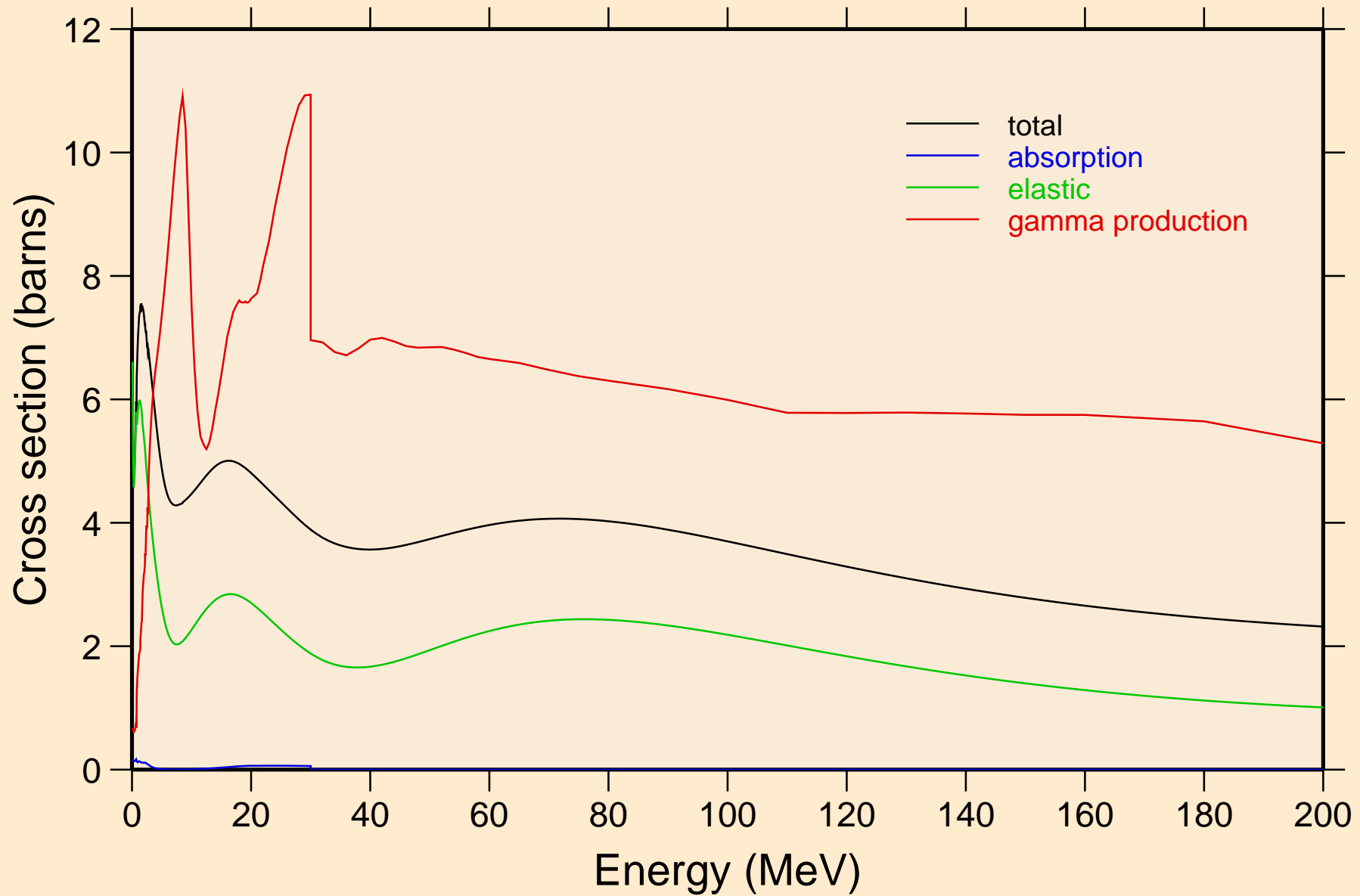
## Non-threshold reactions





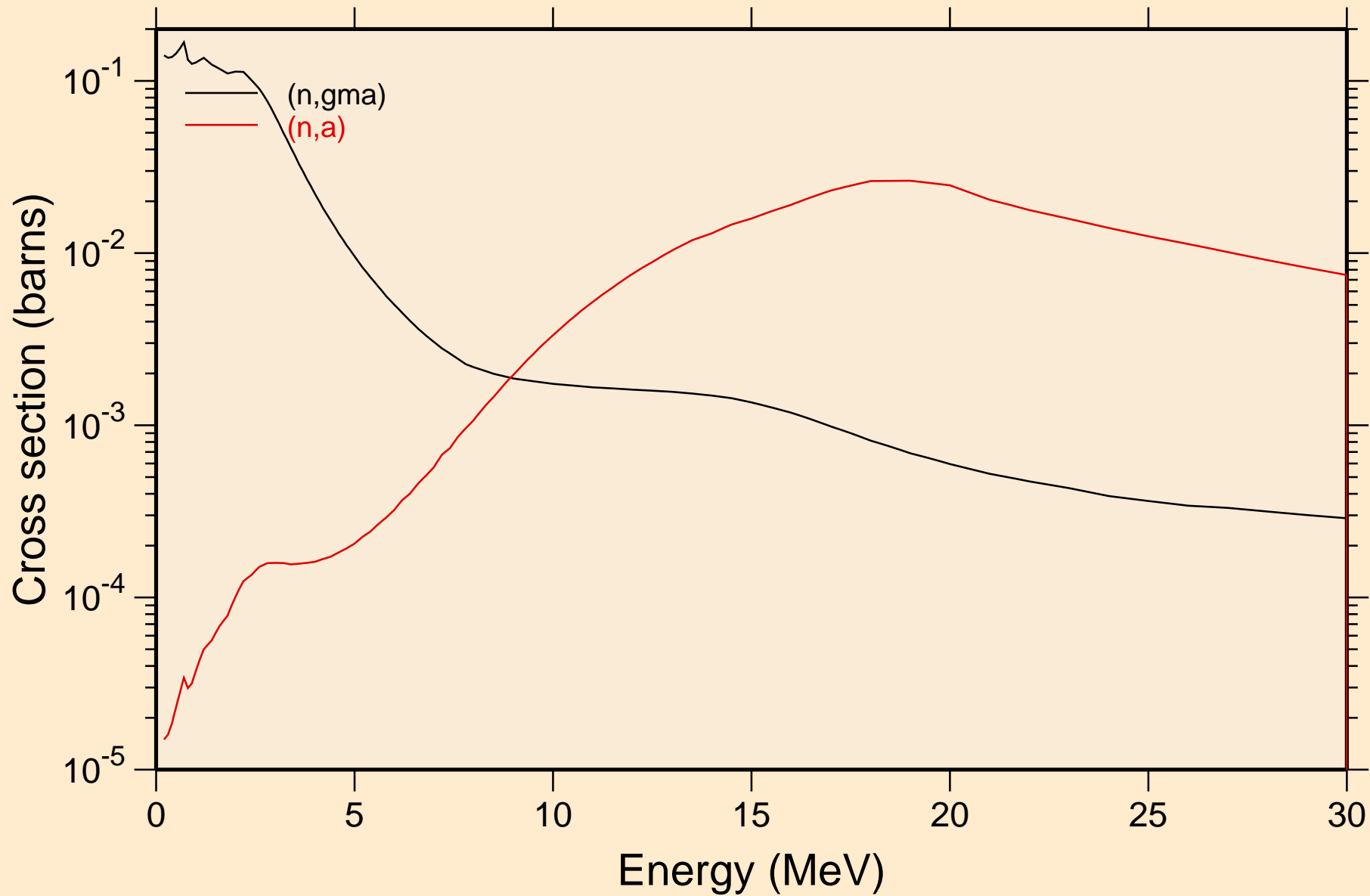
# SM146 NRG TENDL-2015, AKONING

## Principal cross sections



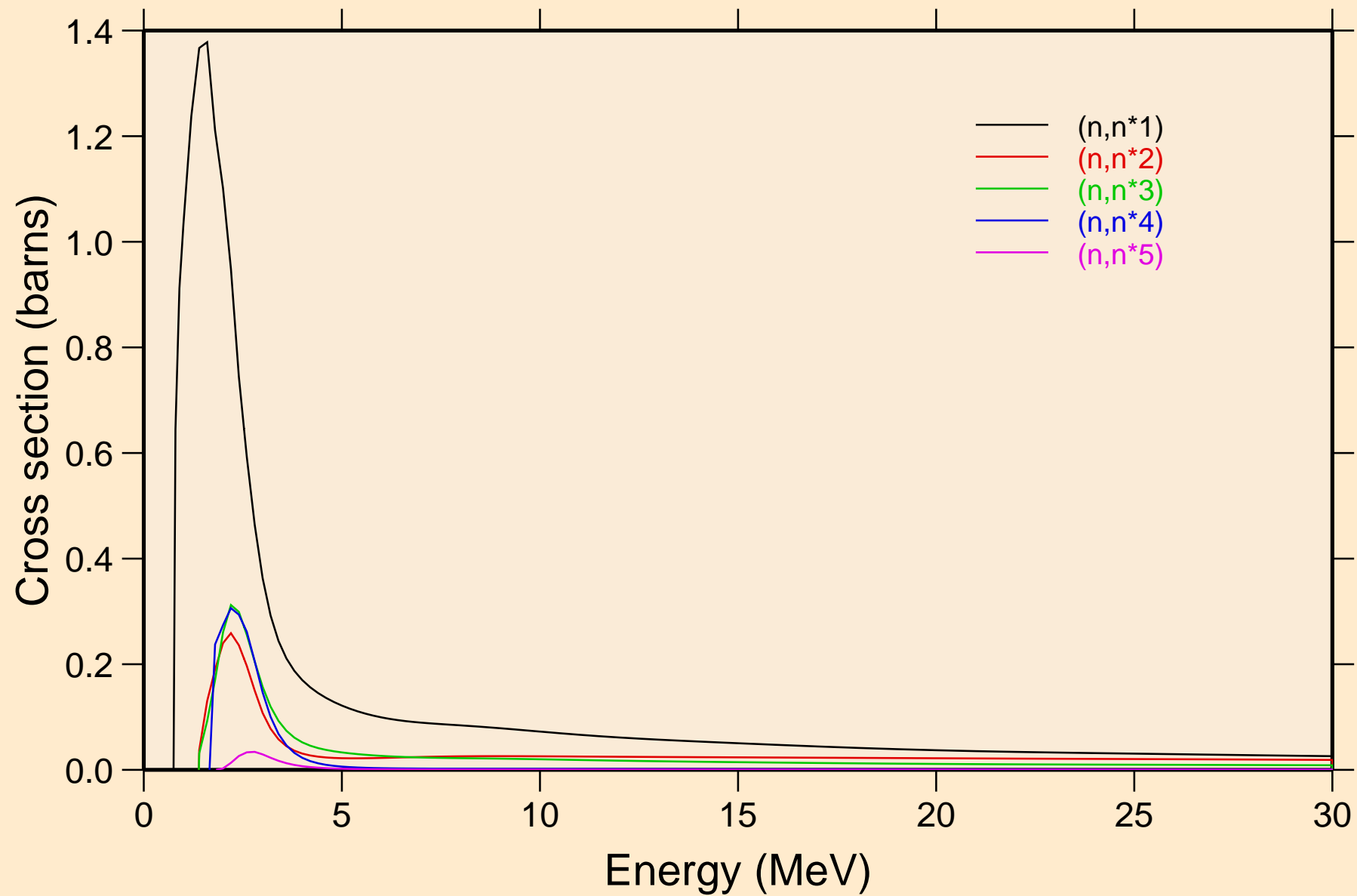
# SM146 NRG TENDL-2015, AKONING

## Non-threshold reactions



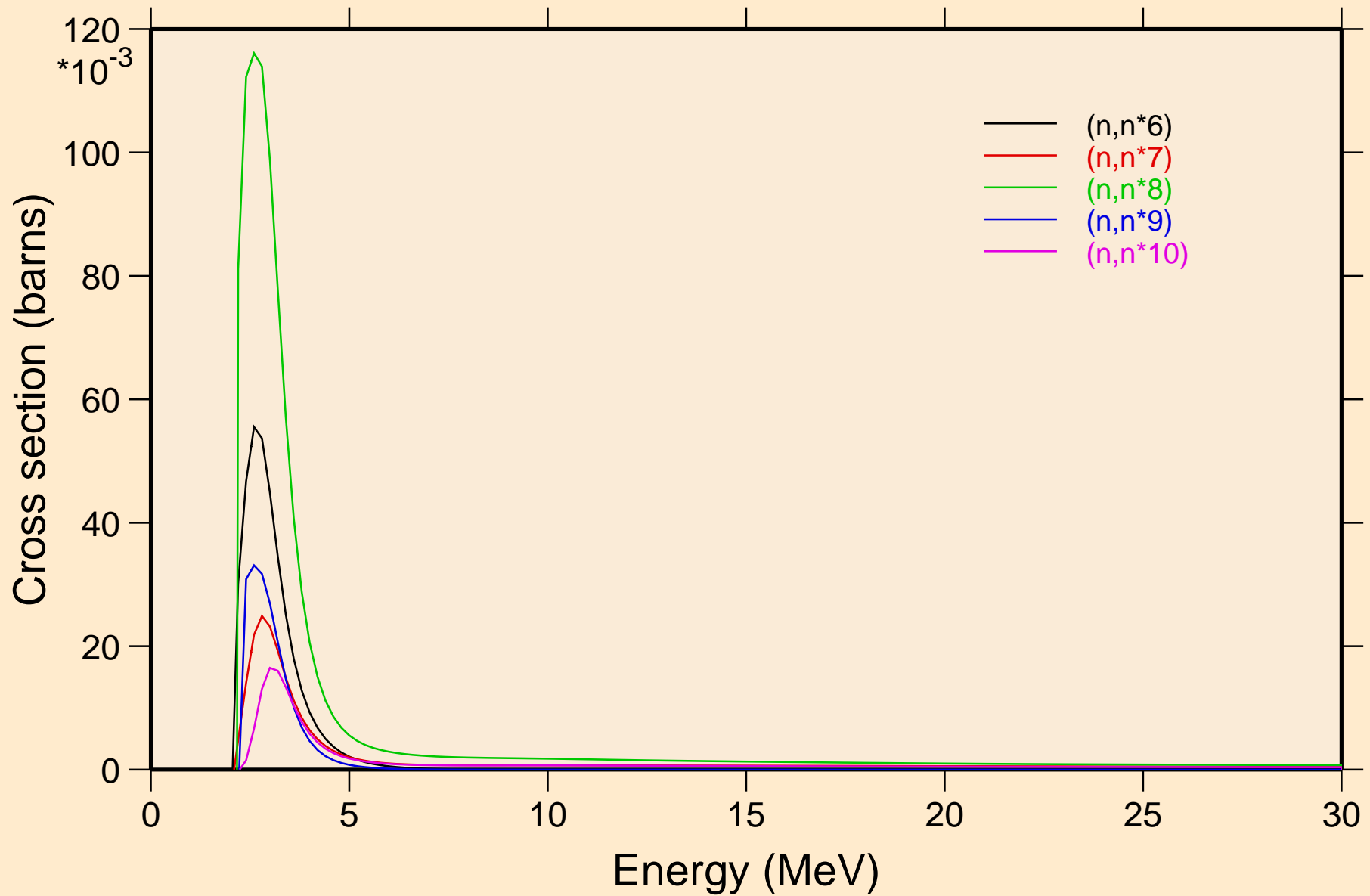
# SM146 NRG TENDL-2015, AKONING

## Inelastic levels



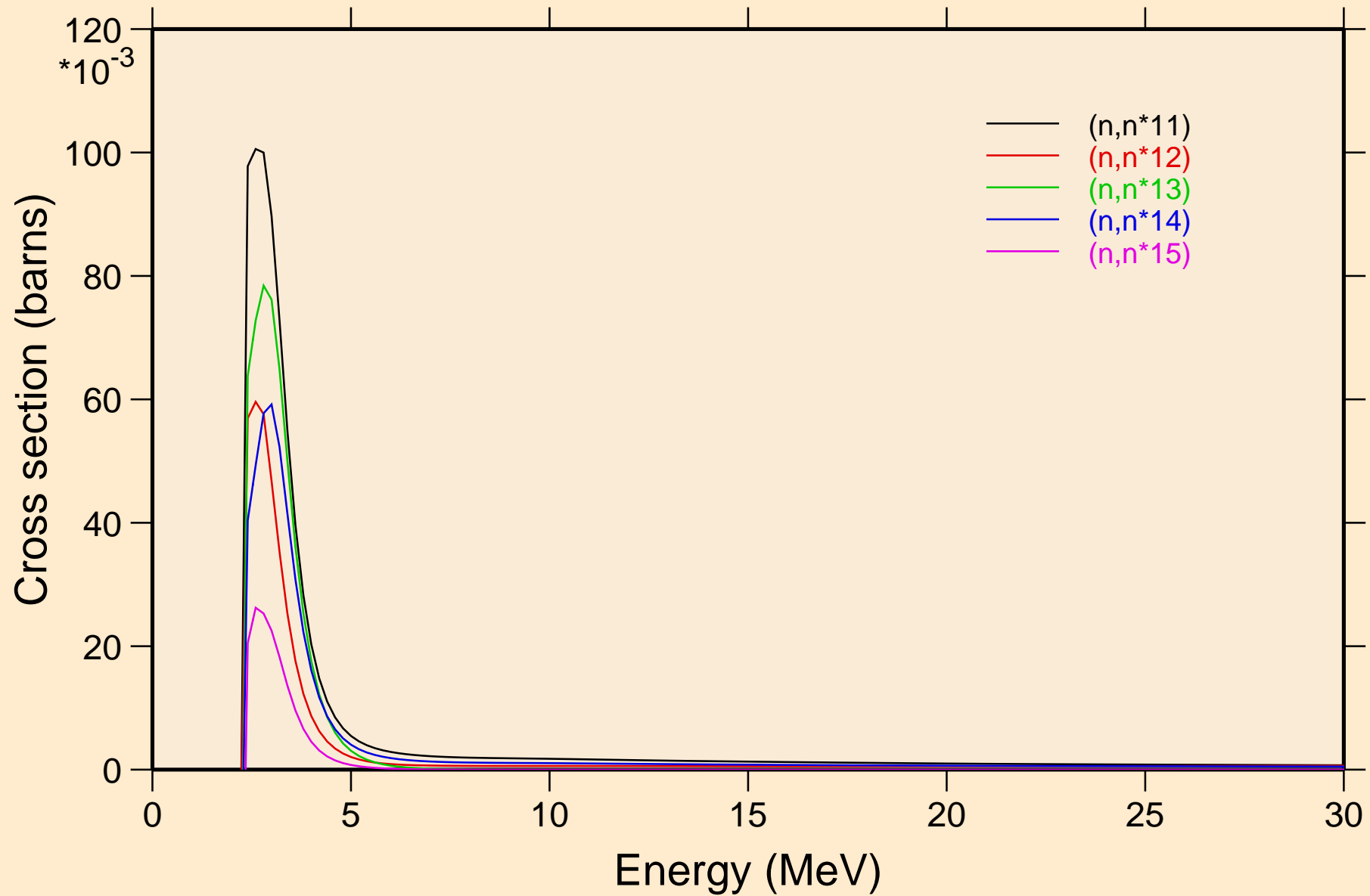
# SM146 NRG TENDL-2015, AKONING

## Inelastic levels



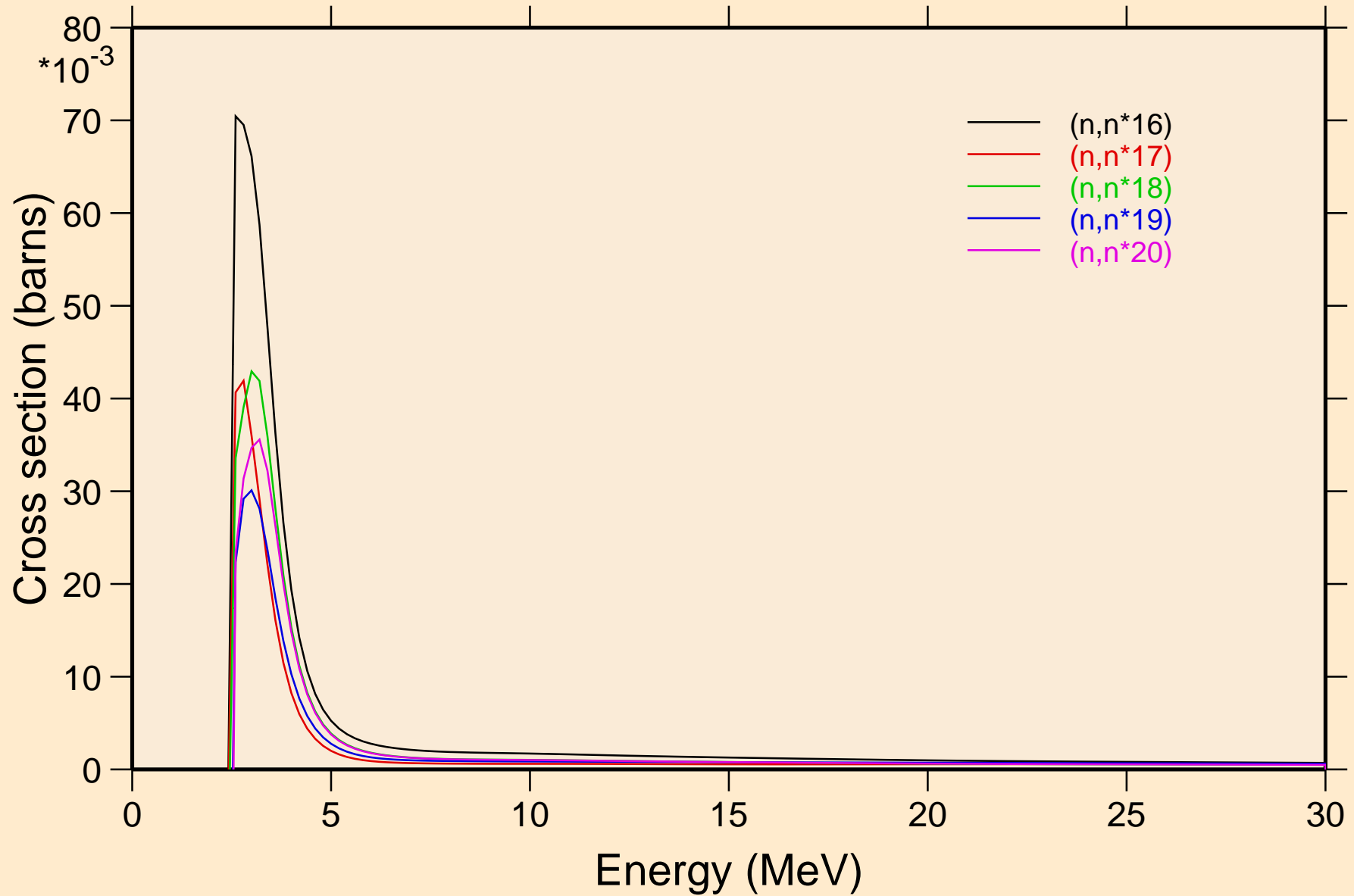
# SM146 NRG TENDL-2015, AKONING

## Inelastic levels



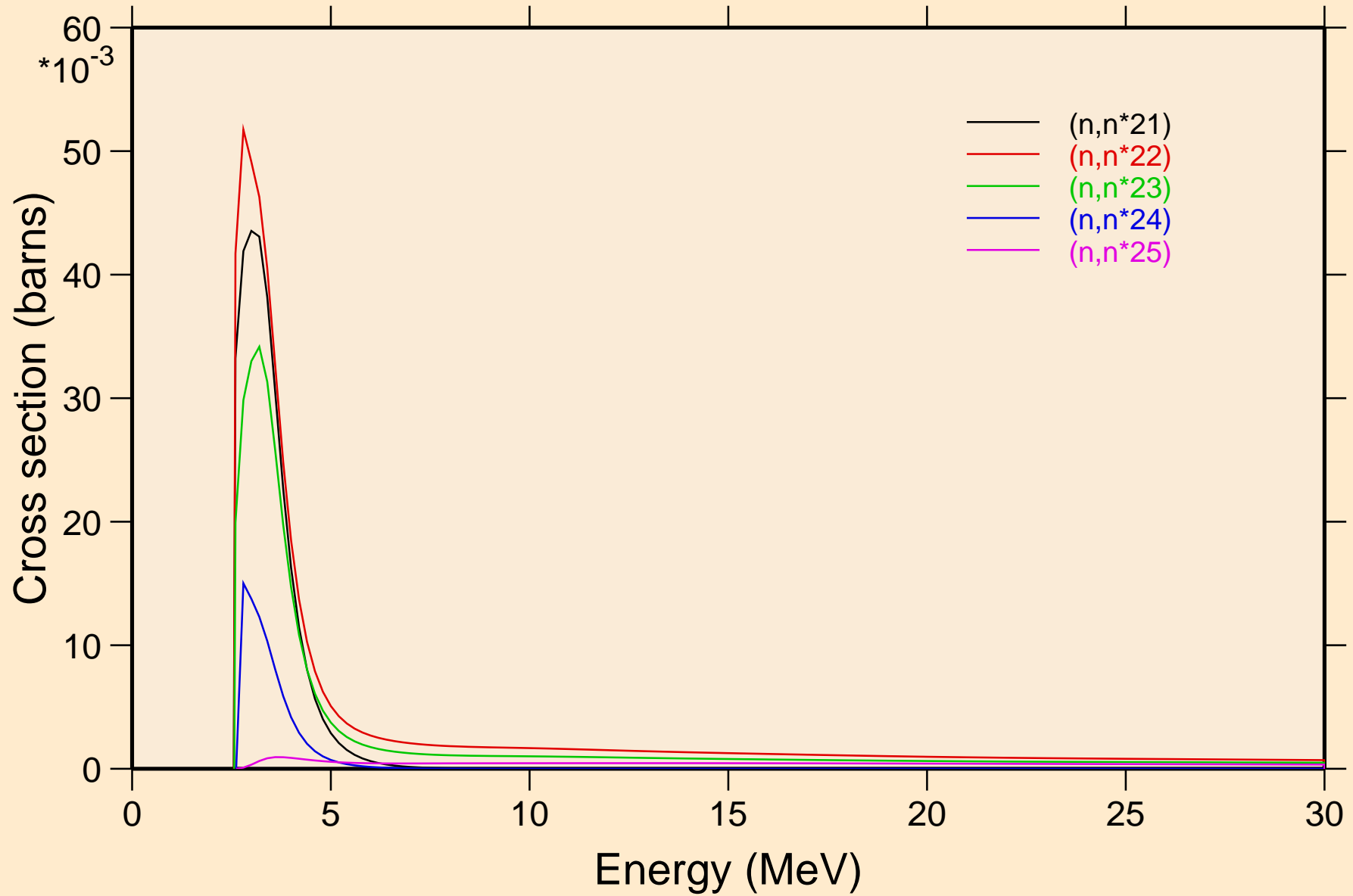
# SM146 NRG TENDL-2015, AKONING

## Inelastic levels



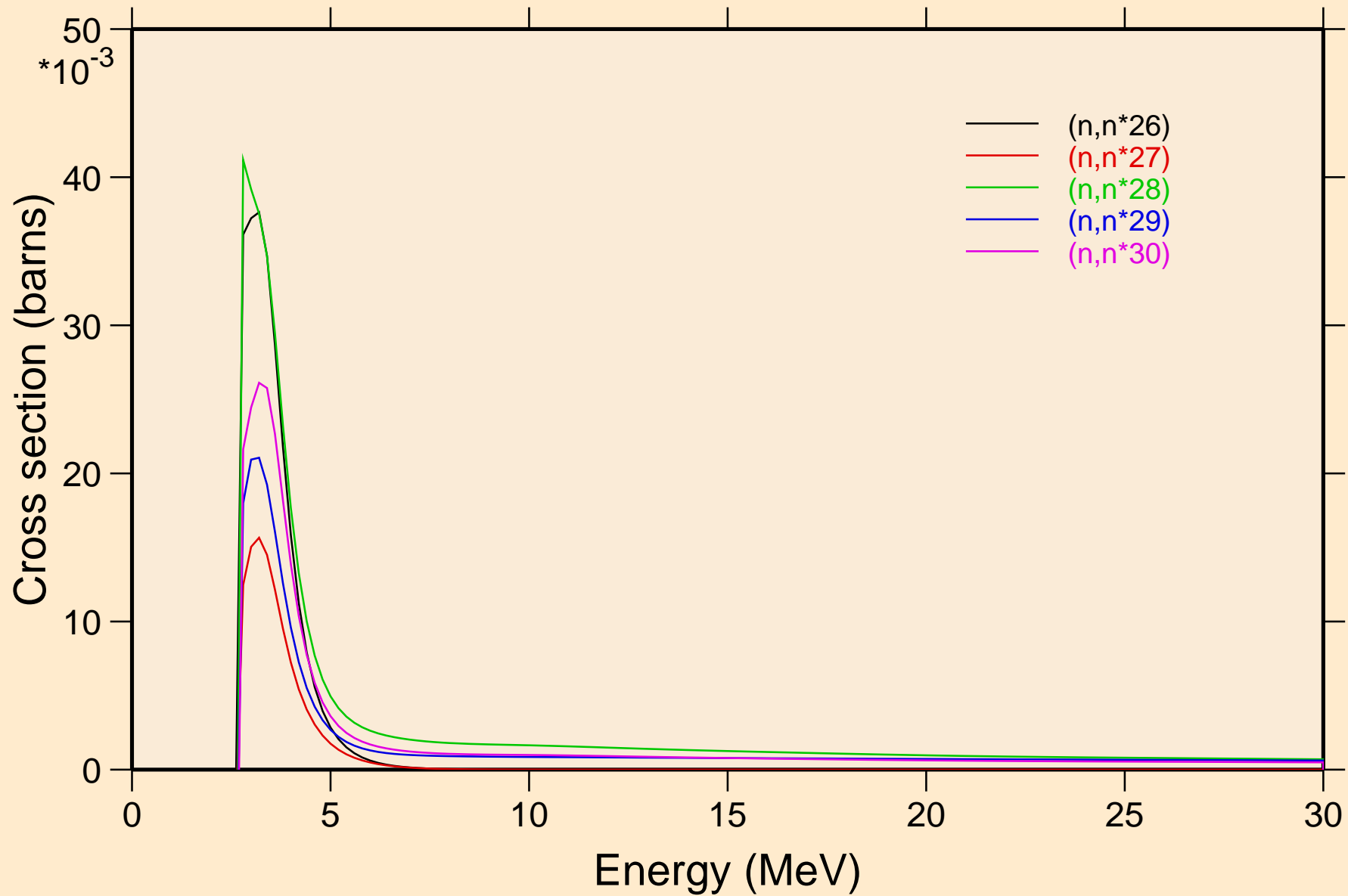
# SM146 NRG TENDL-2015, AKONING

## Inelastic levels



# SM146 NRG TENDL-2015, AKONING

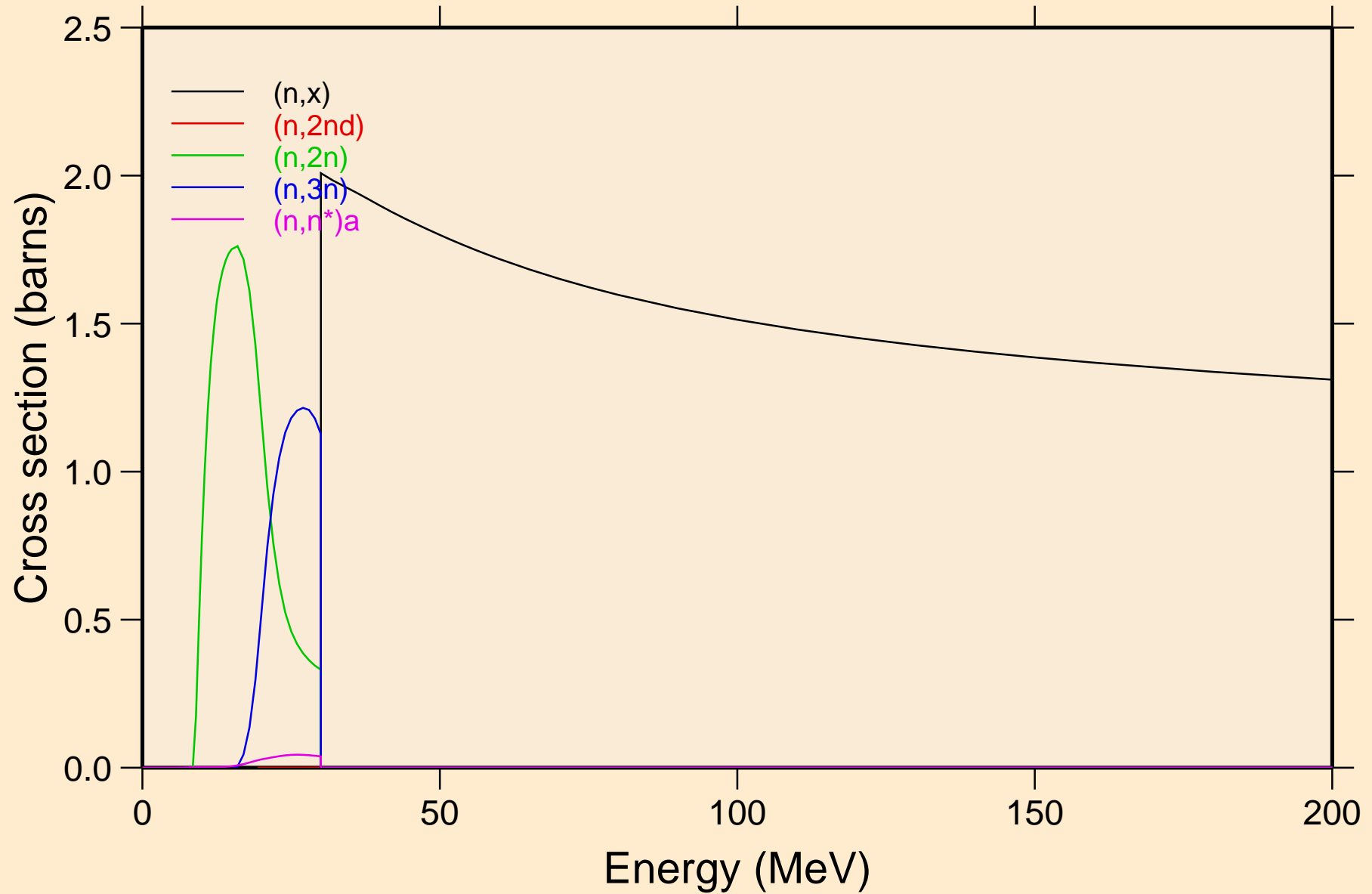
## Inelastic levels





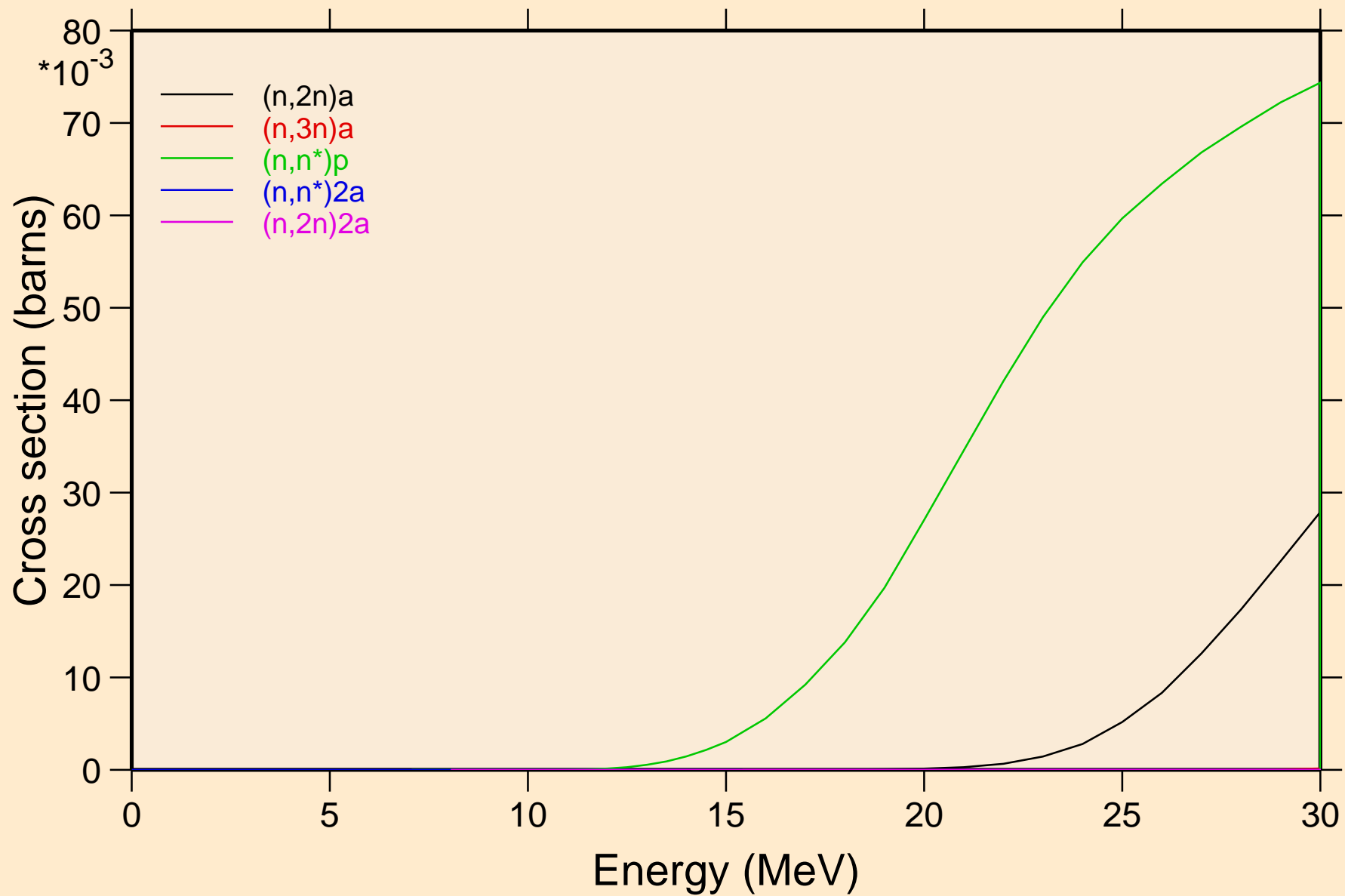
# SM146 NRG TENDL-2015, AKONING

## Threshold reactions



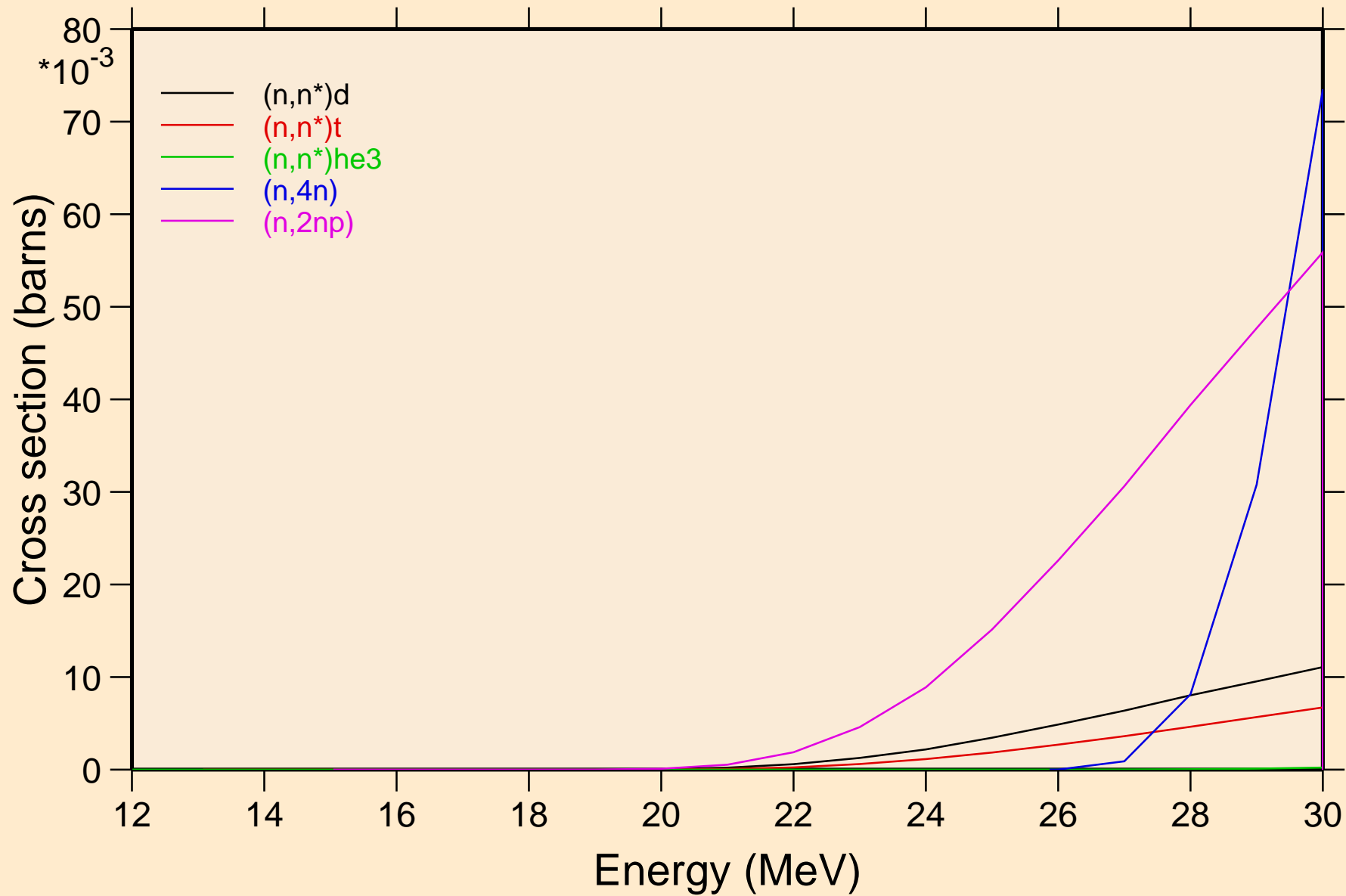
# SM146 NRG TENDL-2015, AKONING

## Threshold reactions



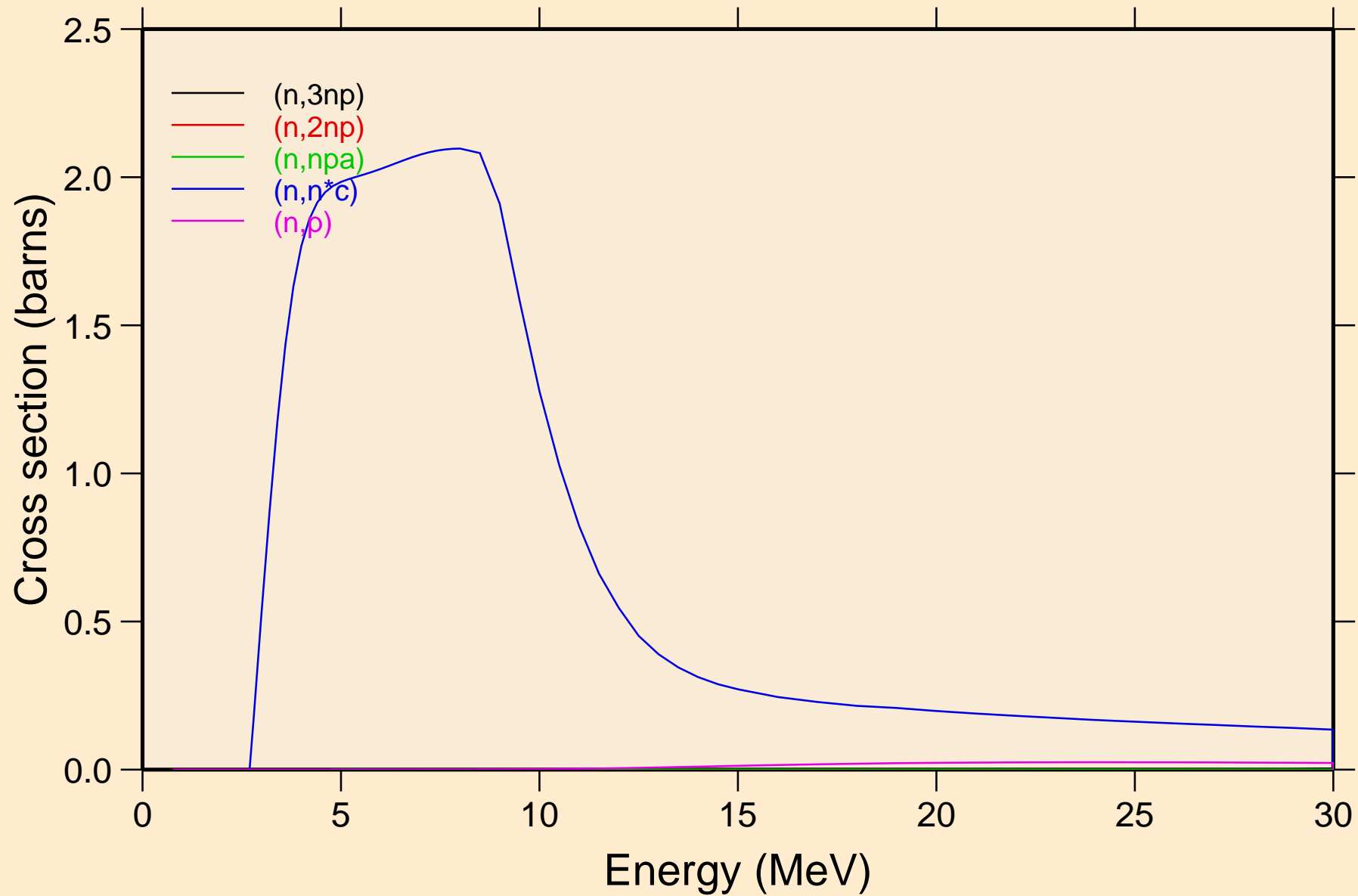
# SM146 NRG TENDL-2015, AKONING

## Threshold reactions



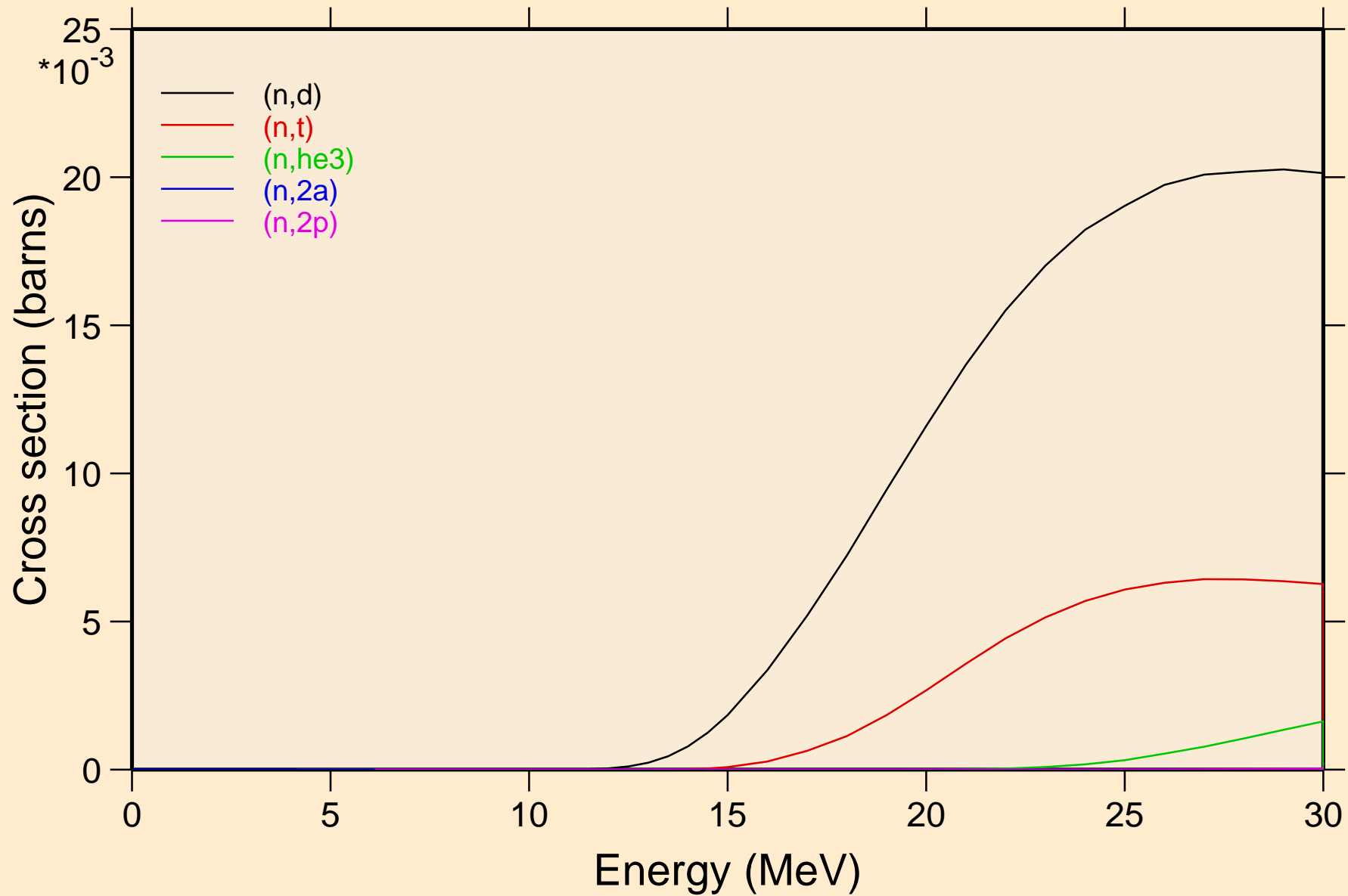
# SM146 NRG TENDL-2015, AKONING

## Threshold reactions



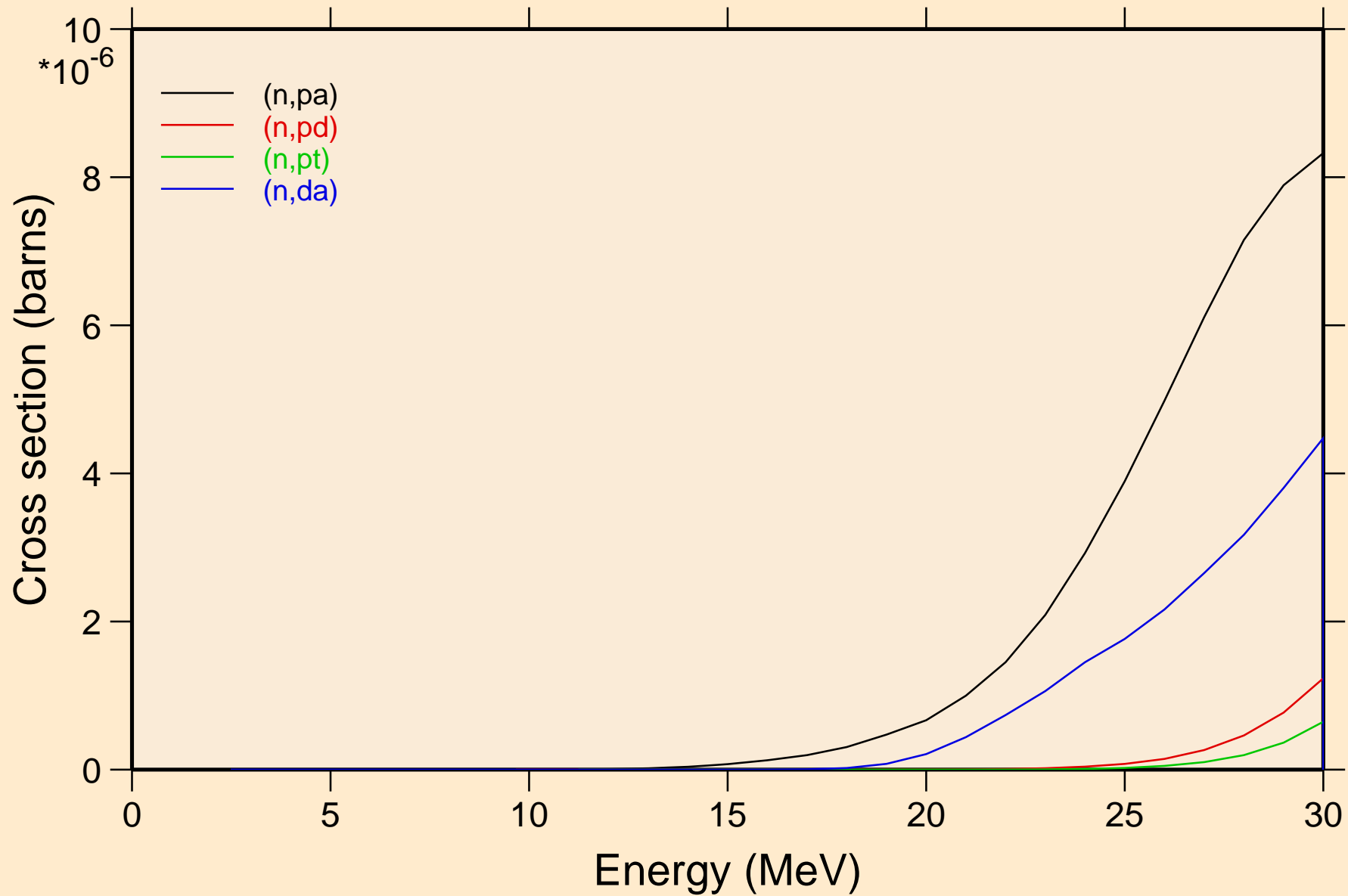
# SM146 NRG TENDL-2015, AKONING

## Threshold reactions

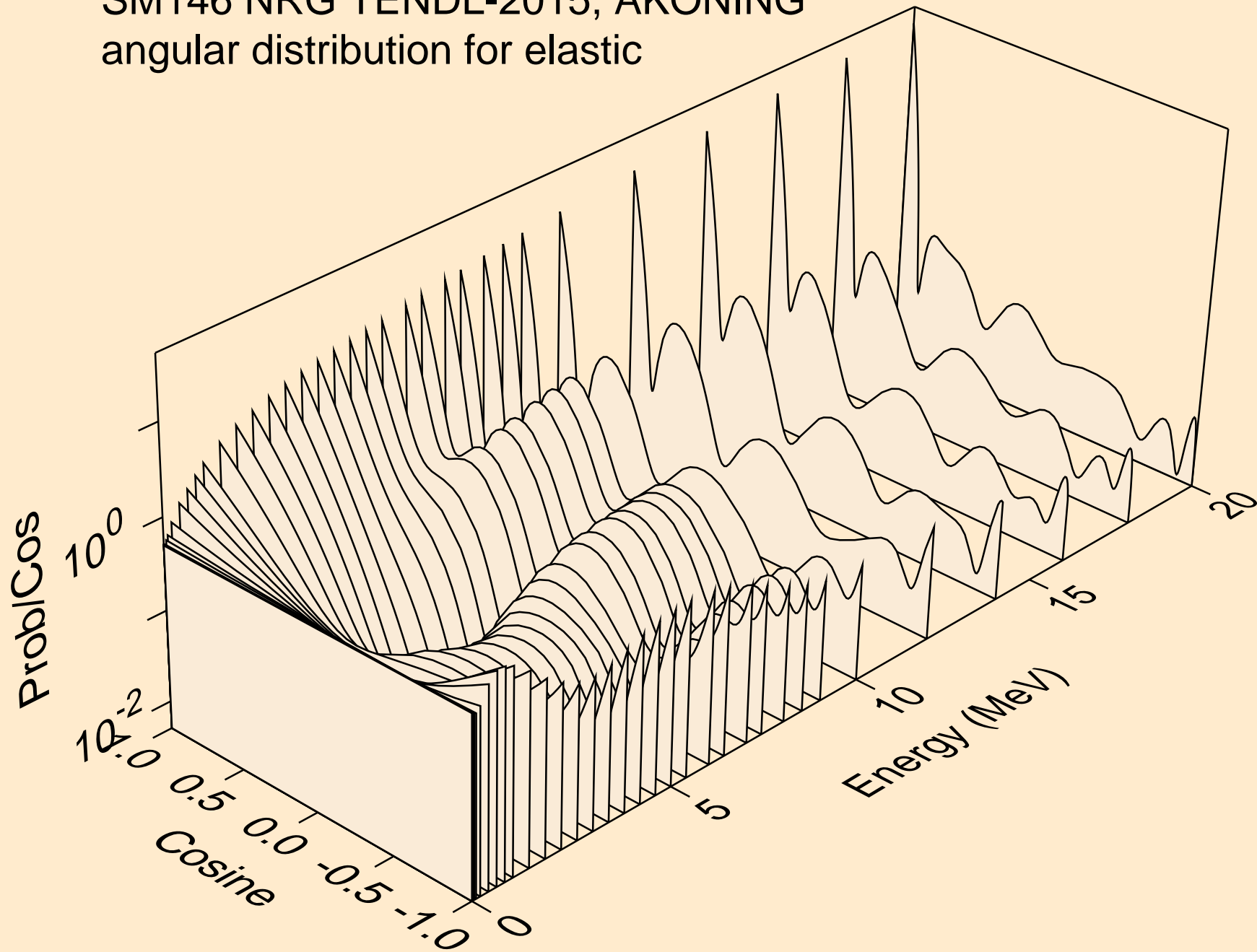


# SM146 NRG TENDL-2015, AKONING

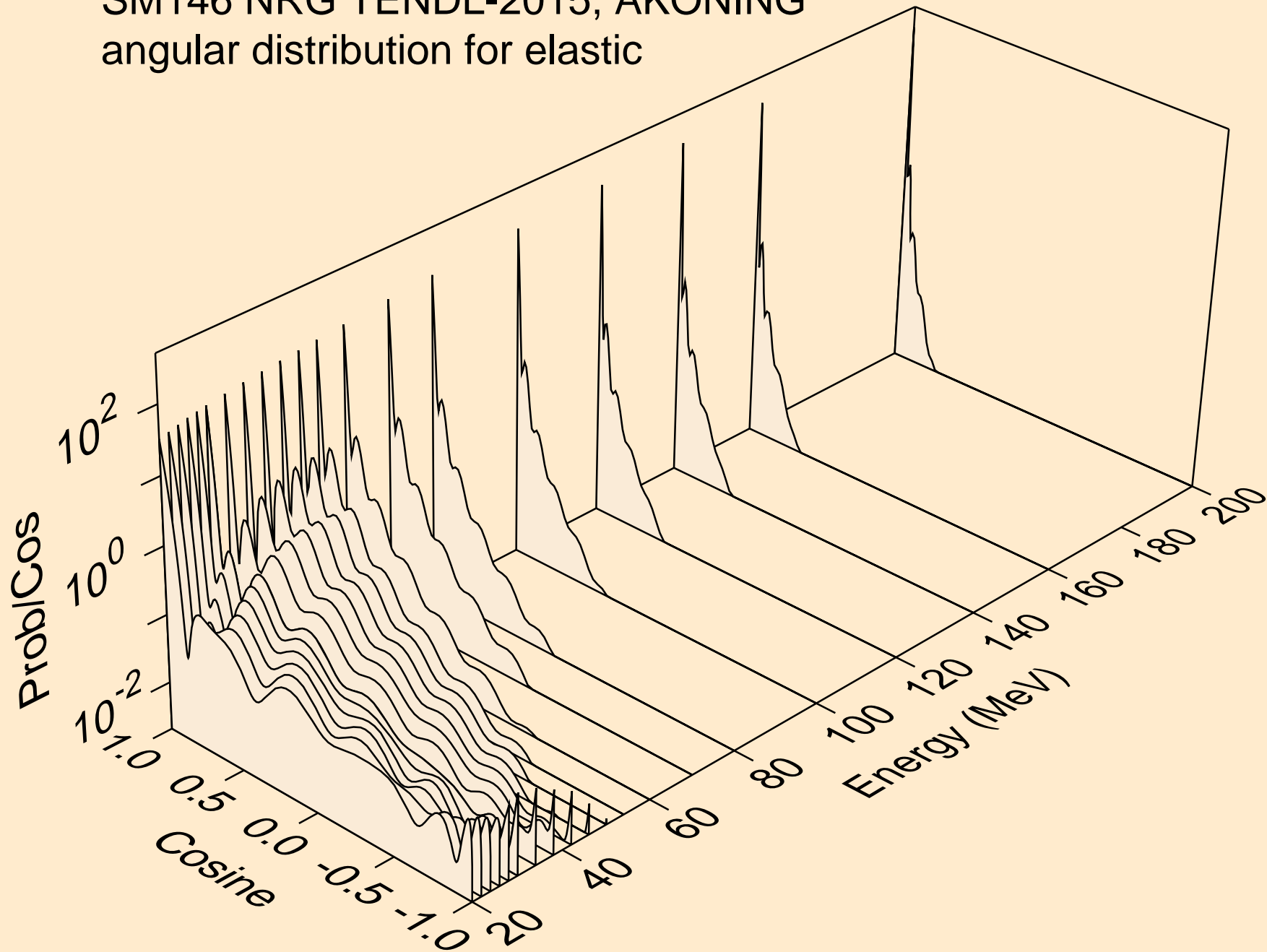
## Threshold reactions



SM146 NRG TENDL-2015, AKONING  
angular distribution for elastic

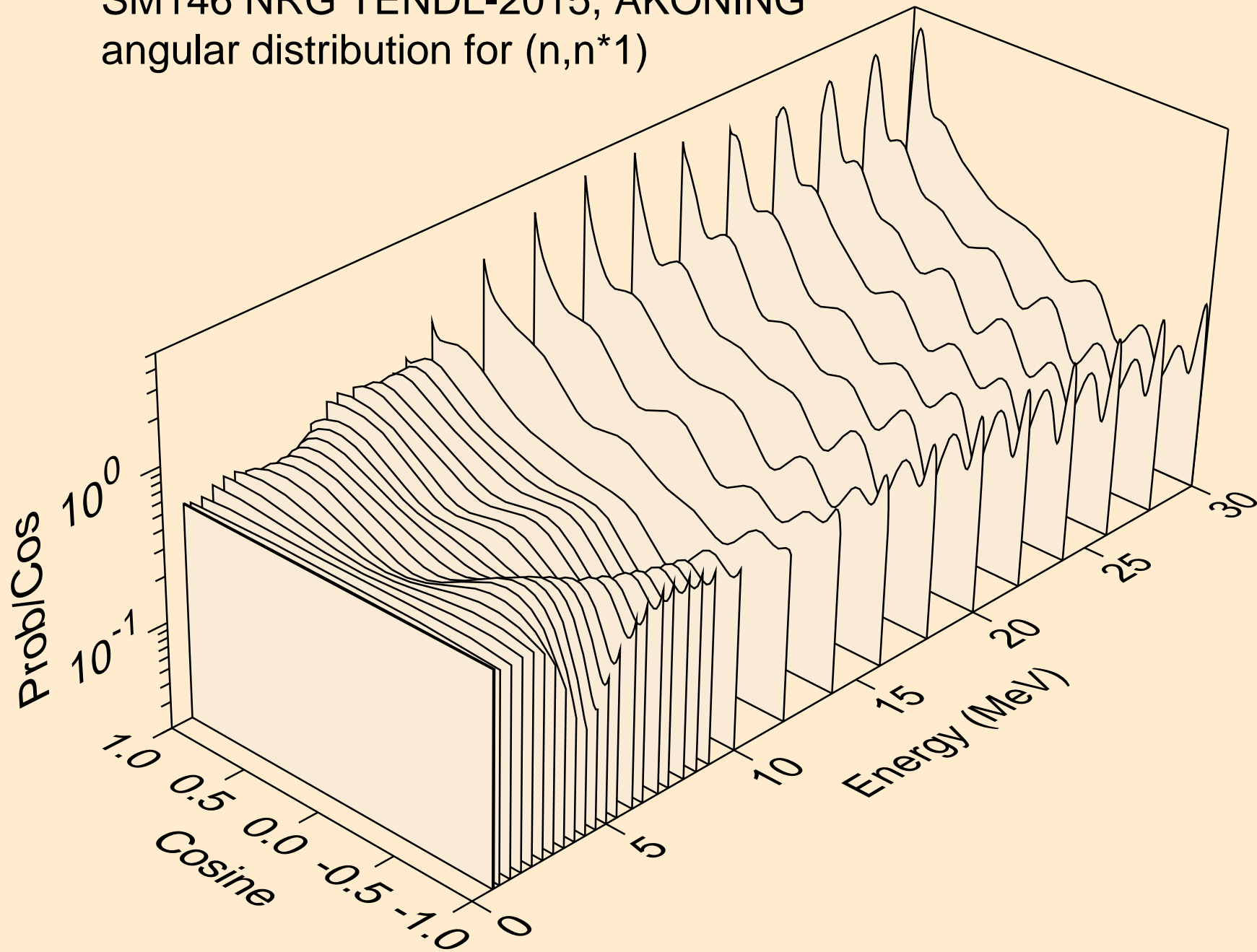


SM146 NRG TENDL-2015, AKONING  
angular distribution for elastic

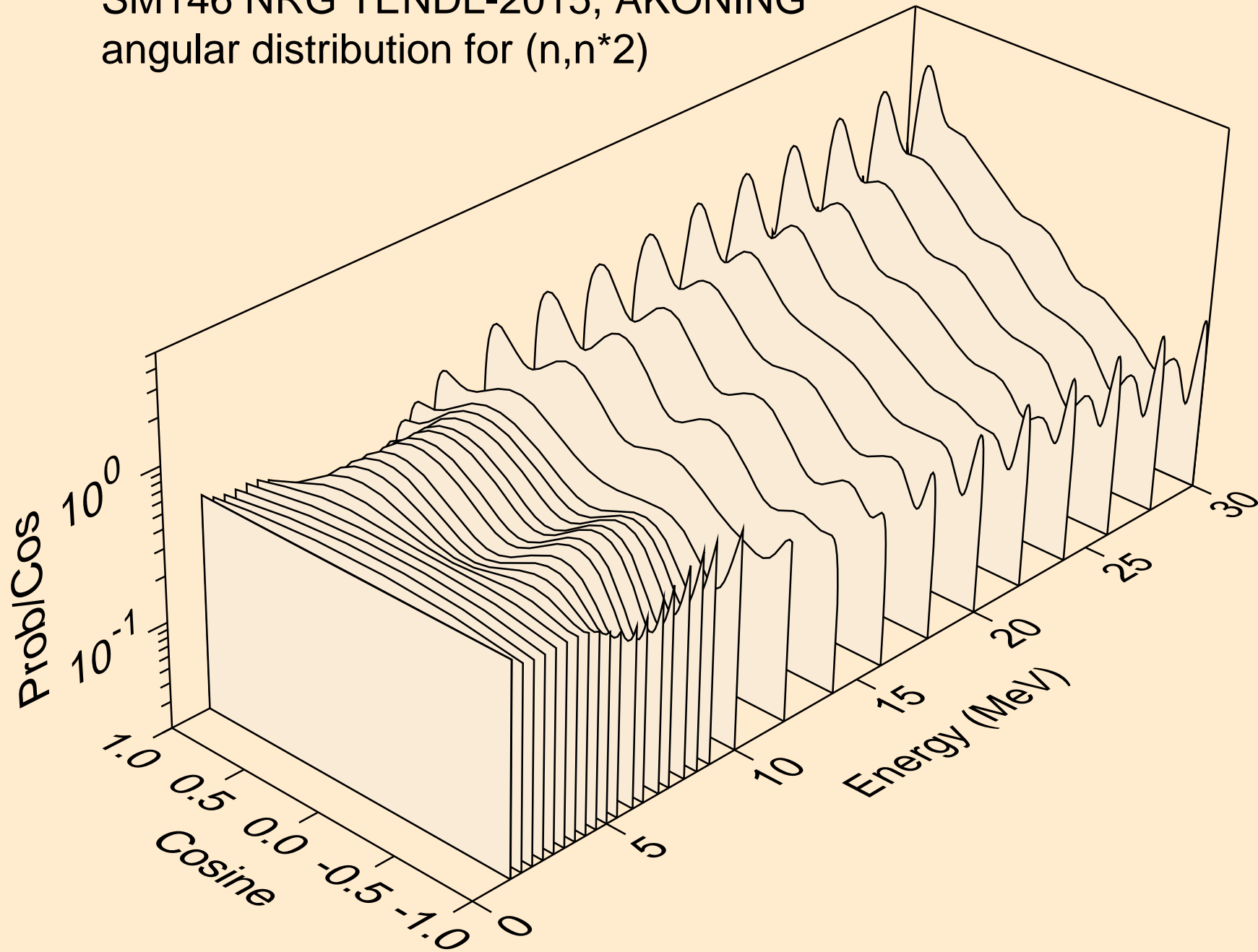




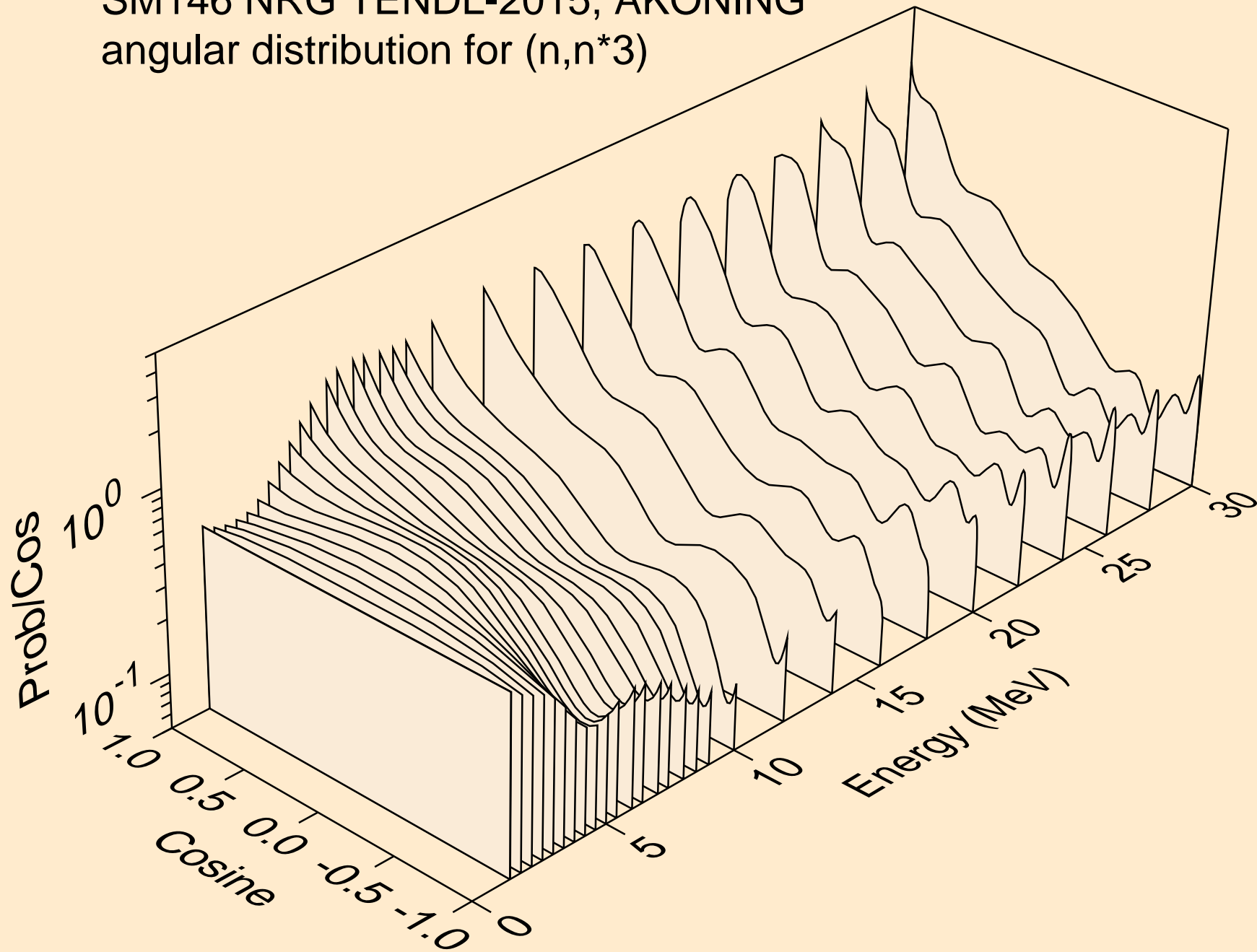
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



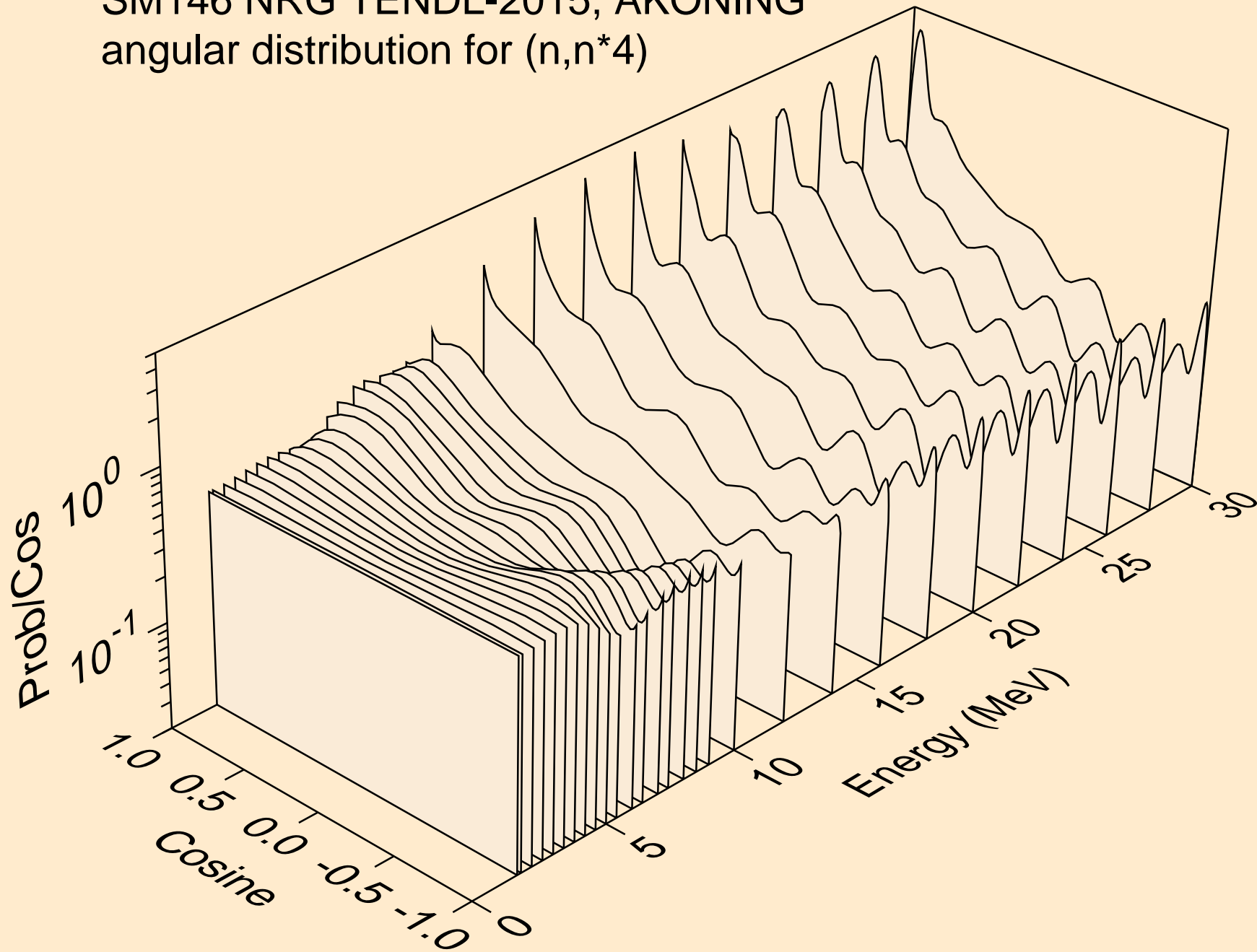
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



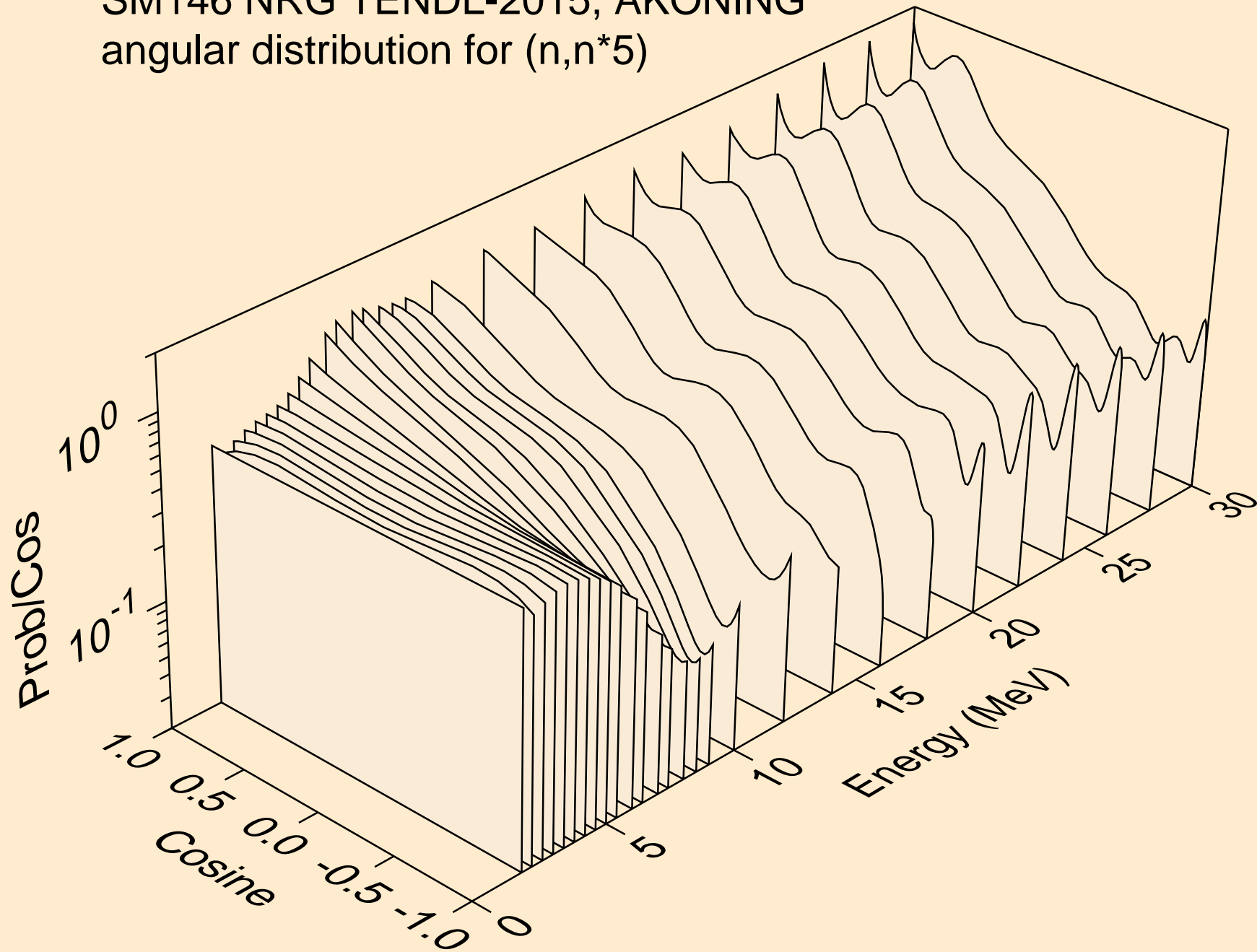
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



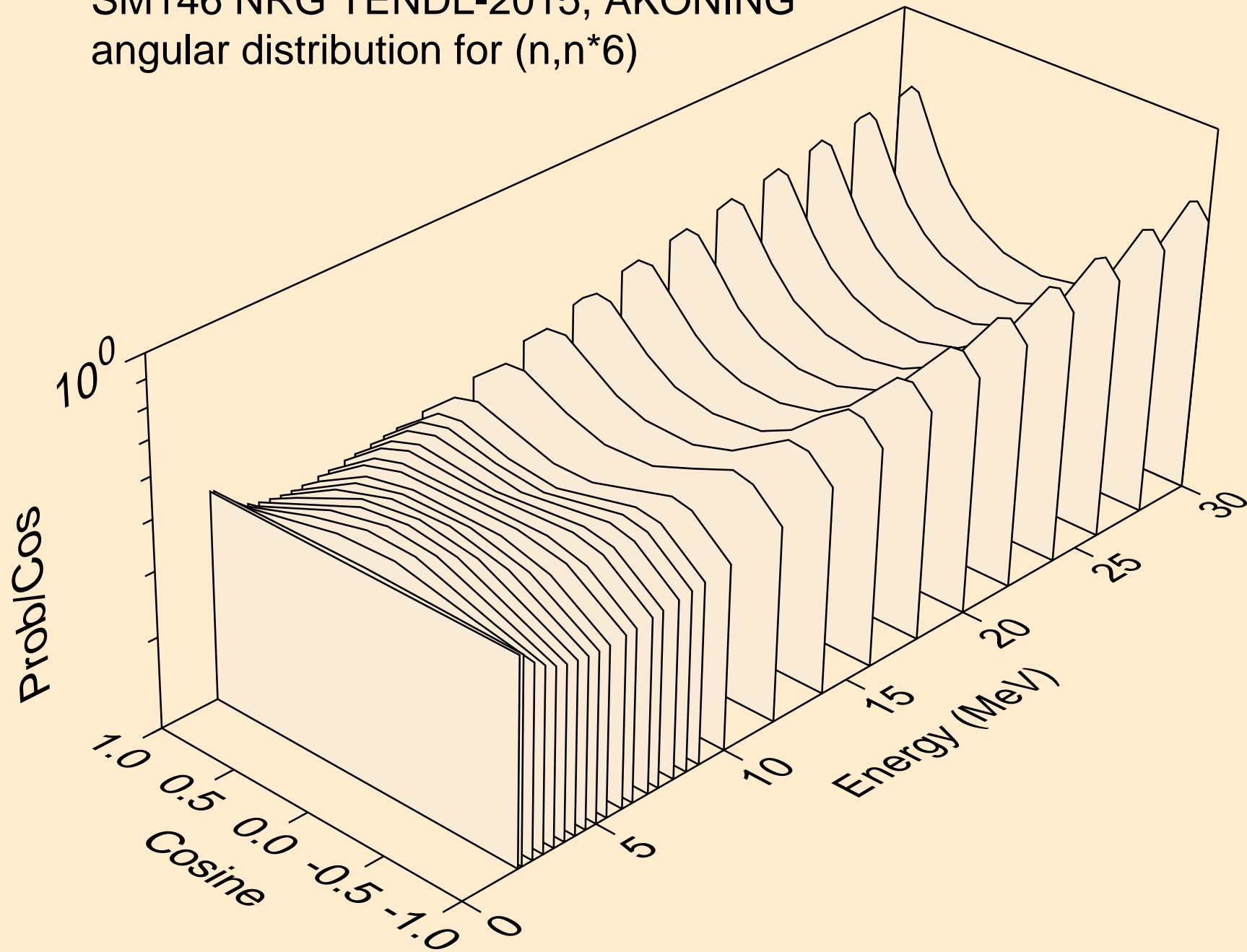
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



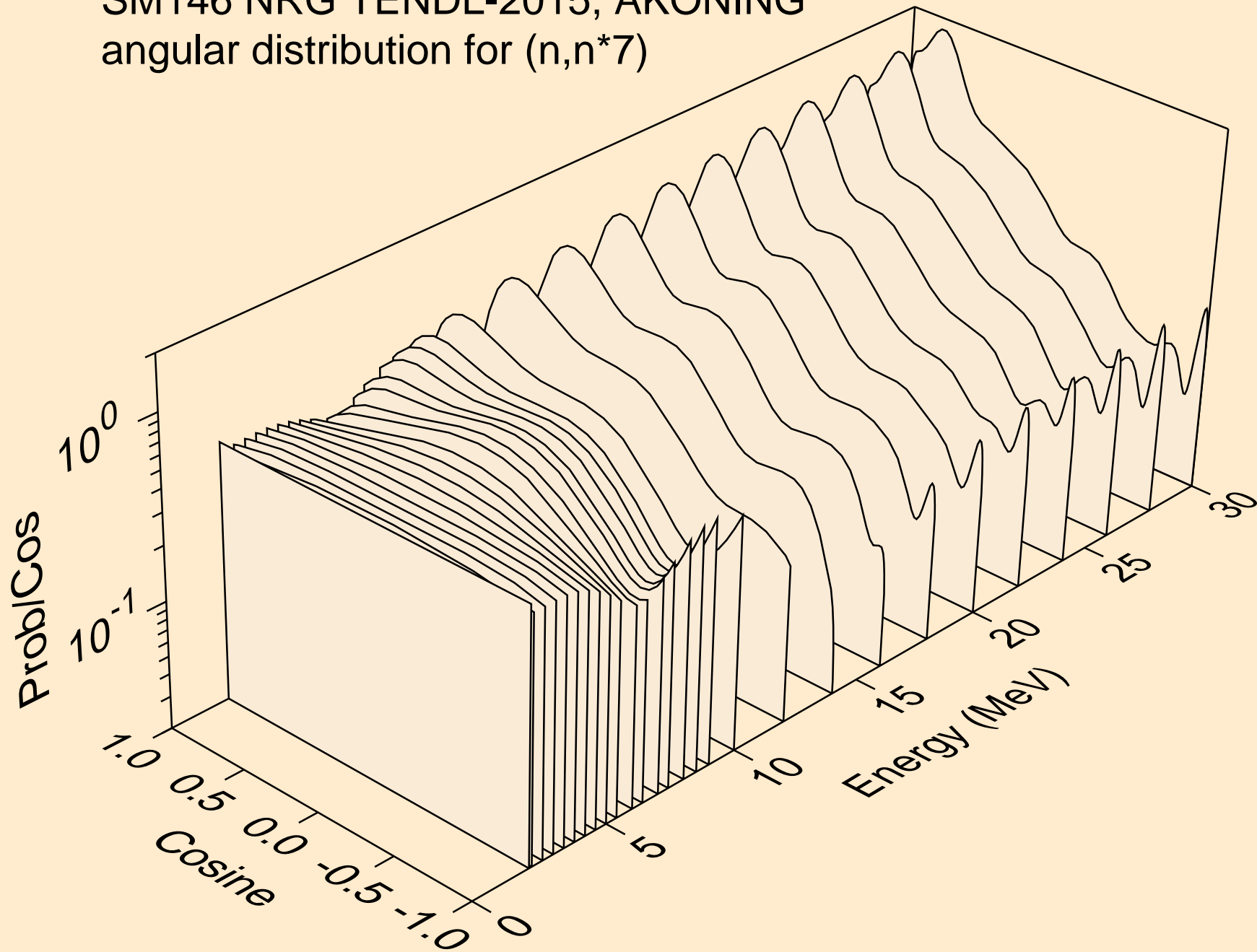
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



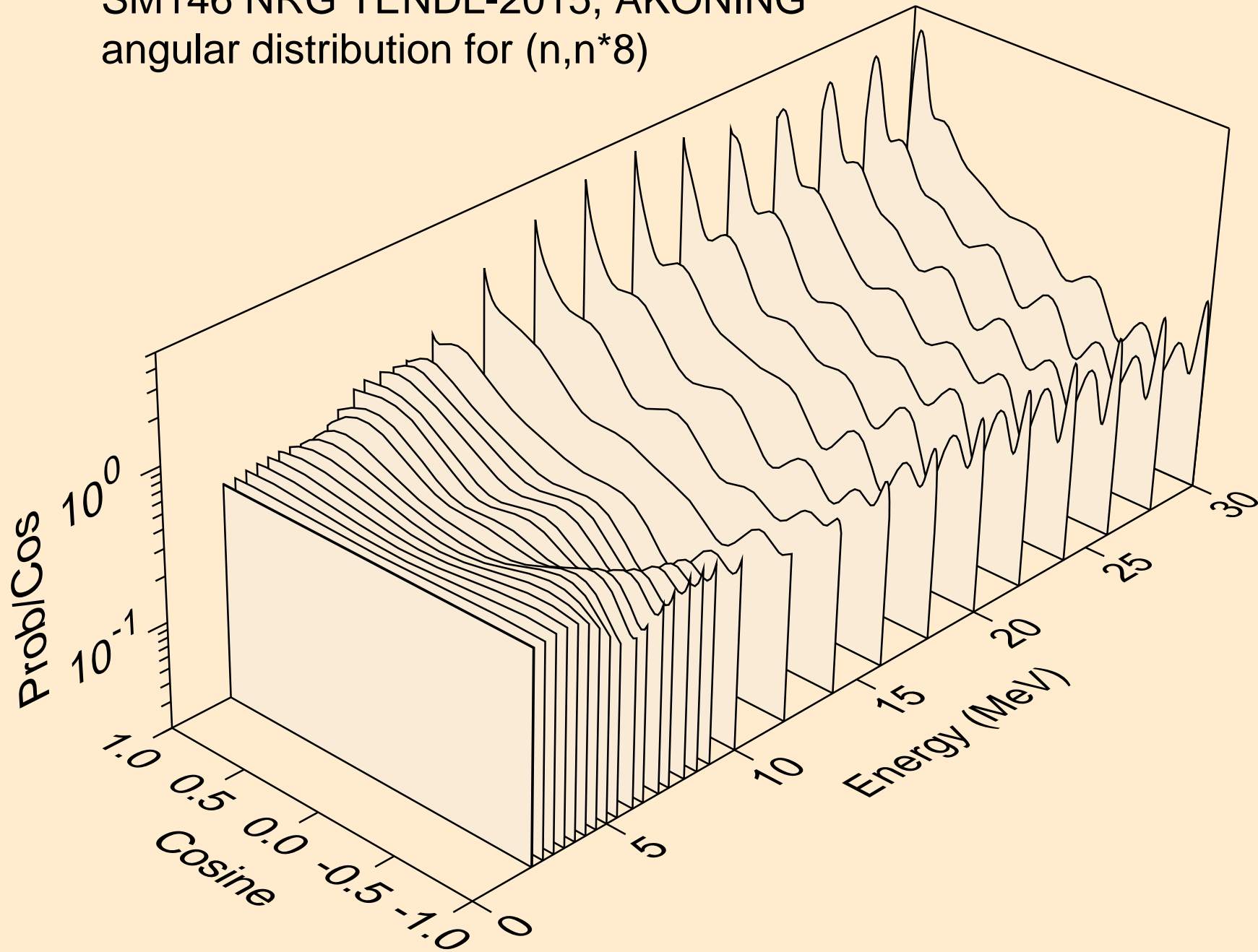
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

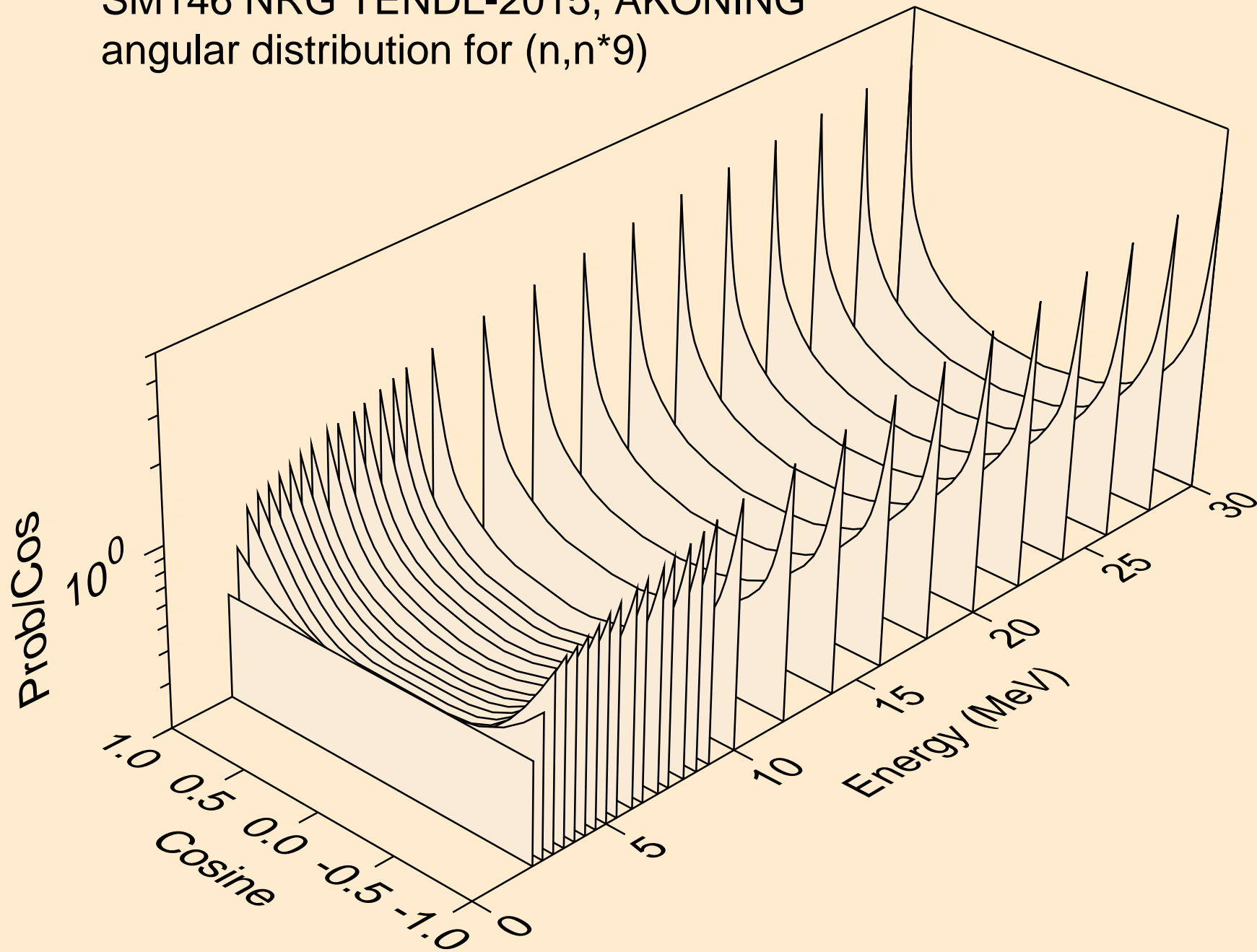


SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

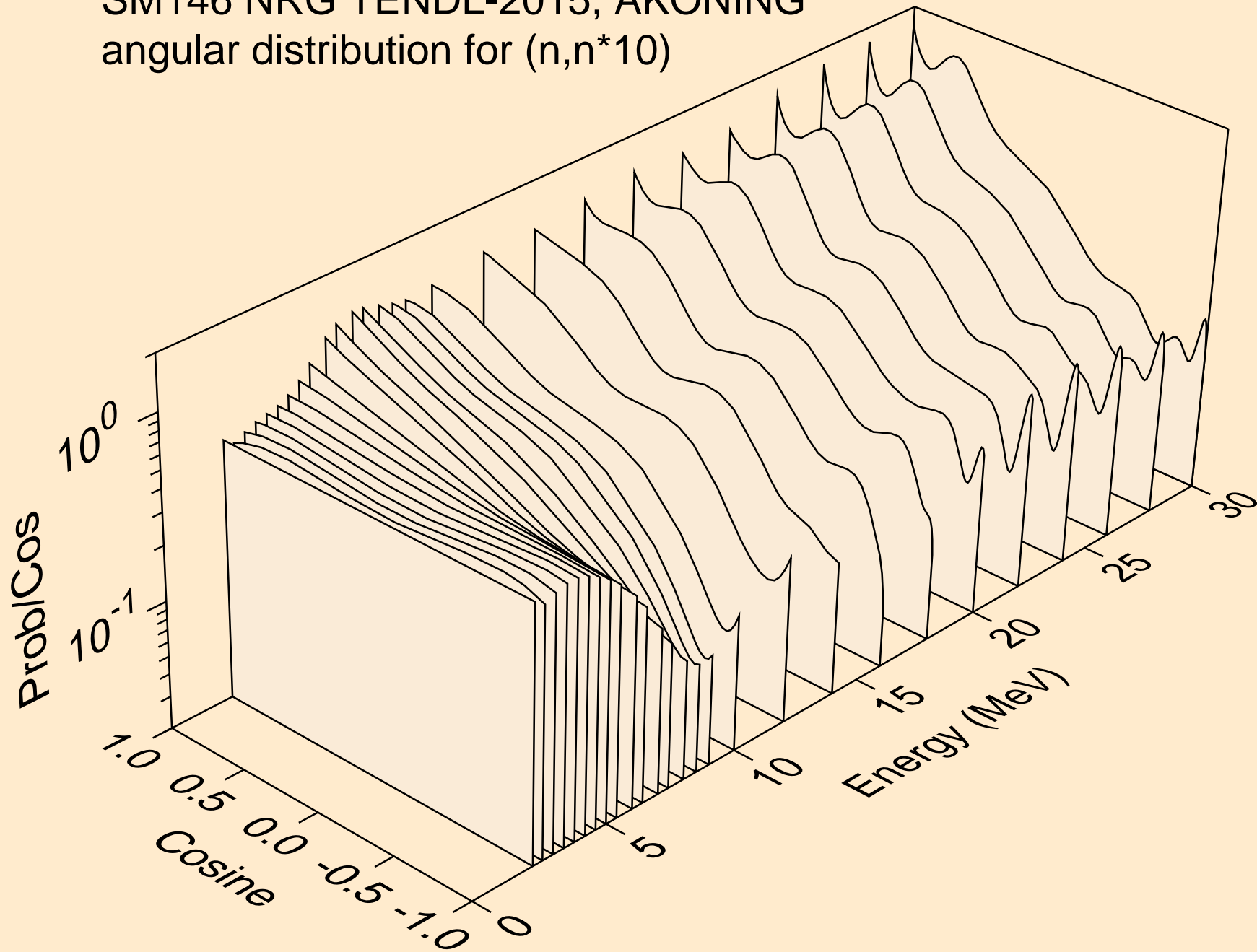




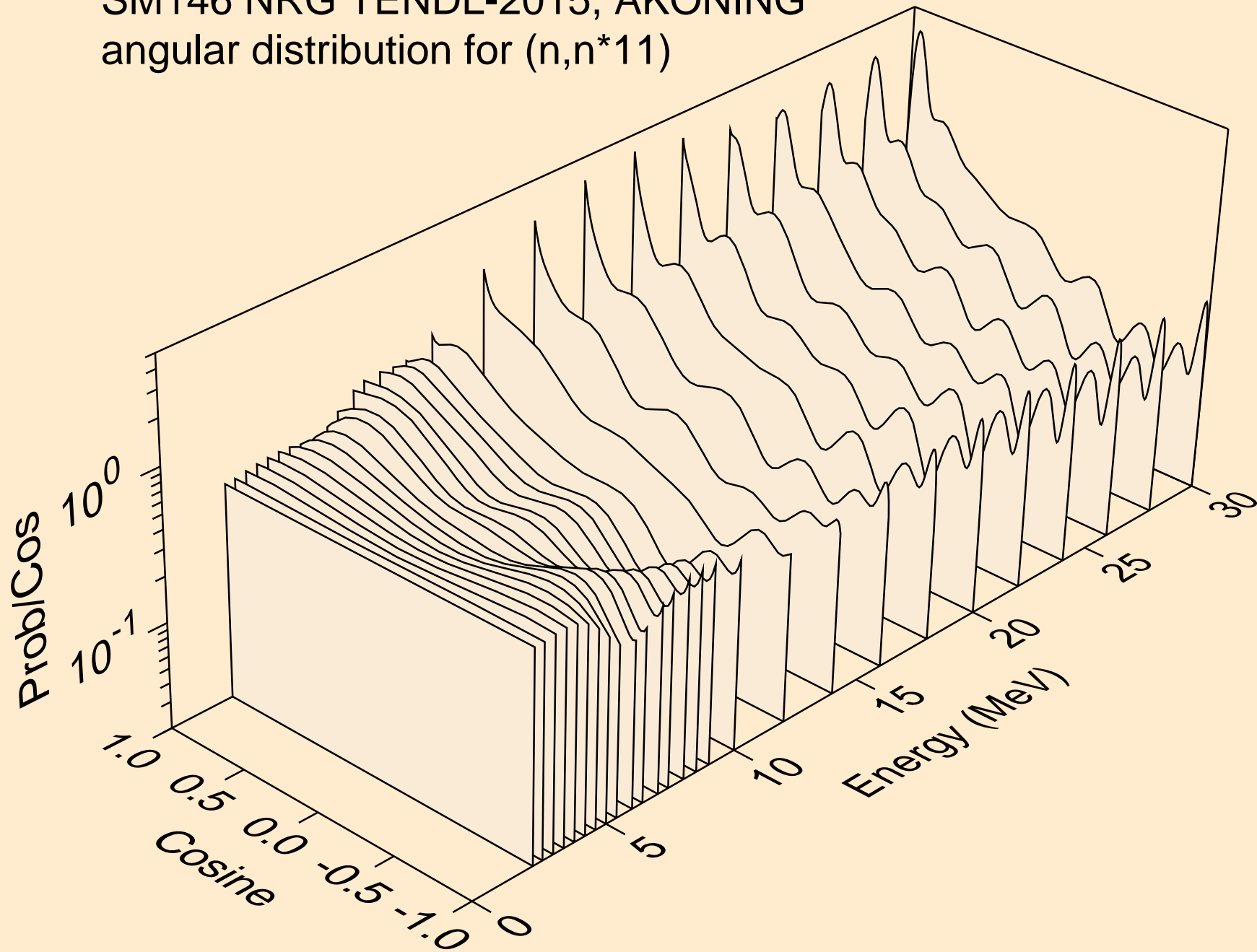
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



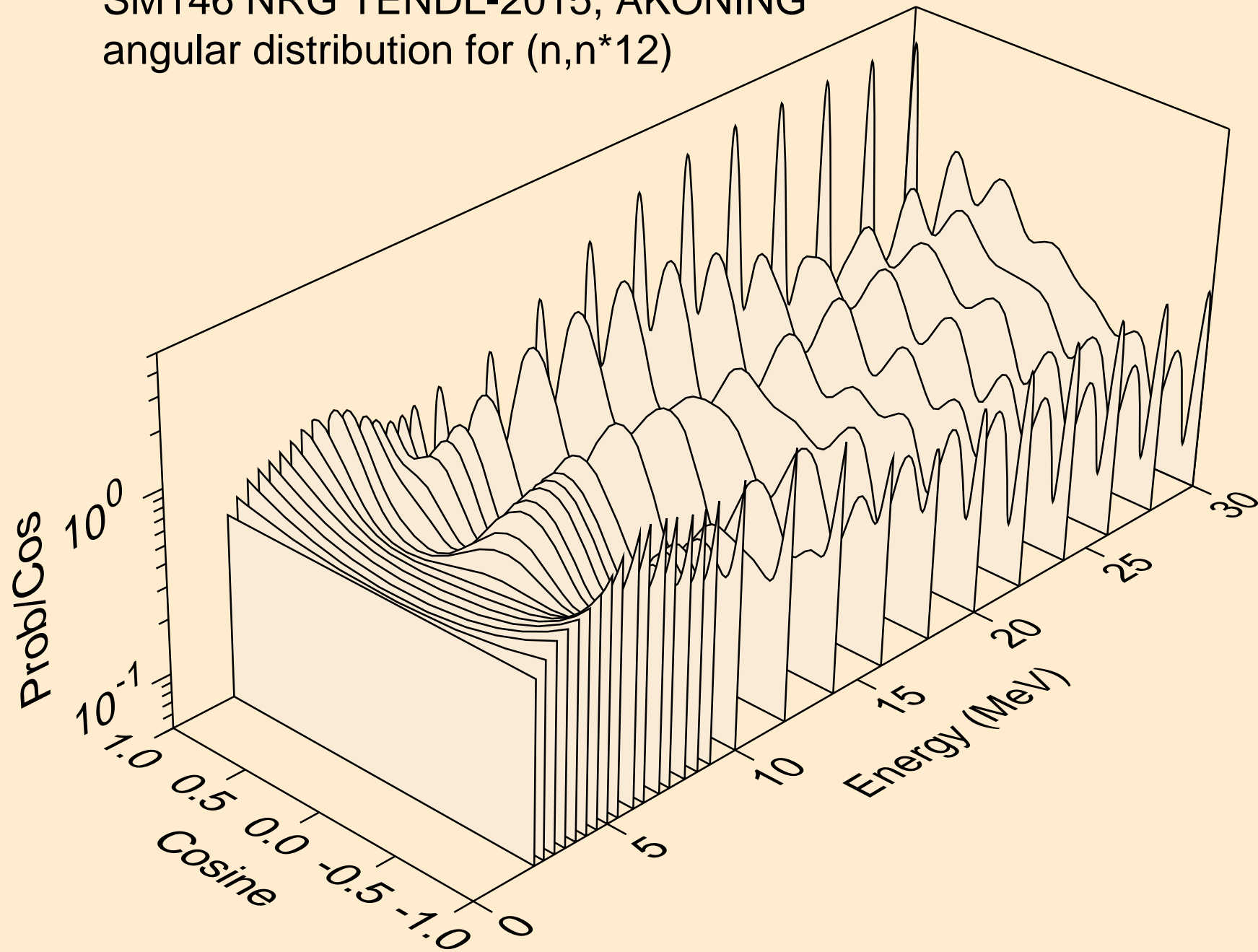
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



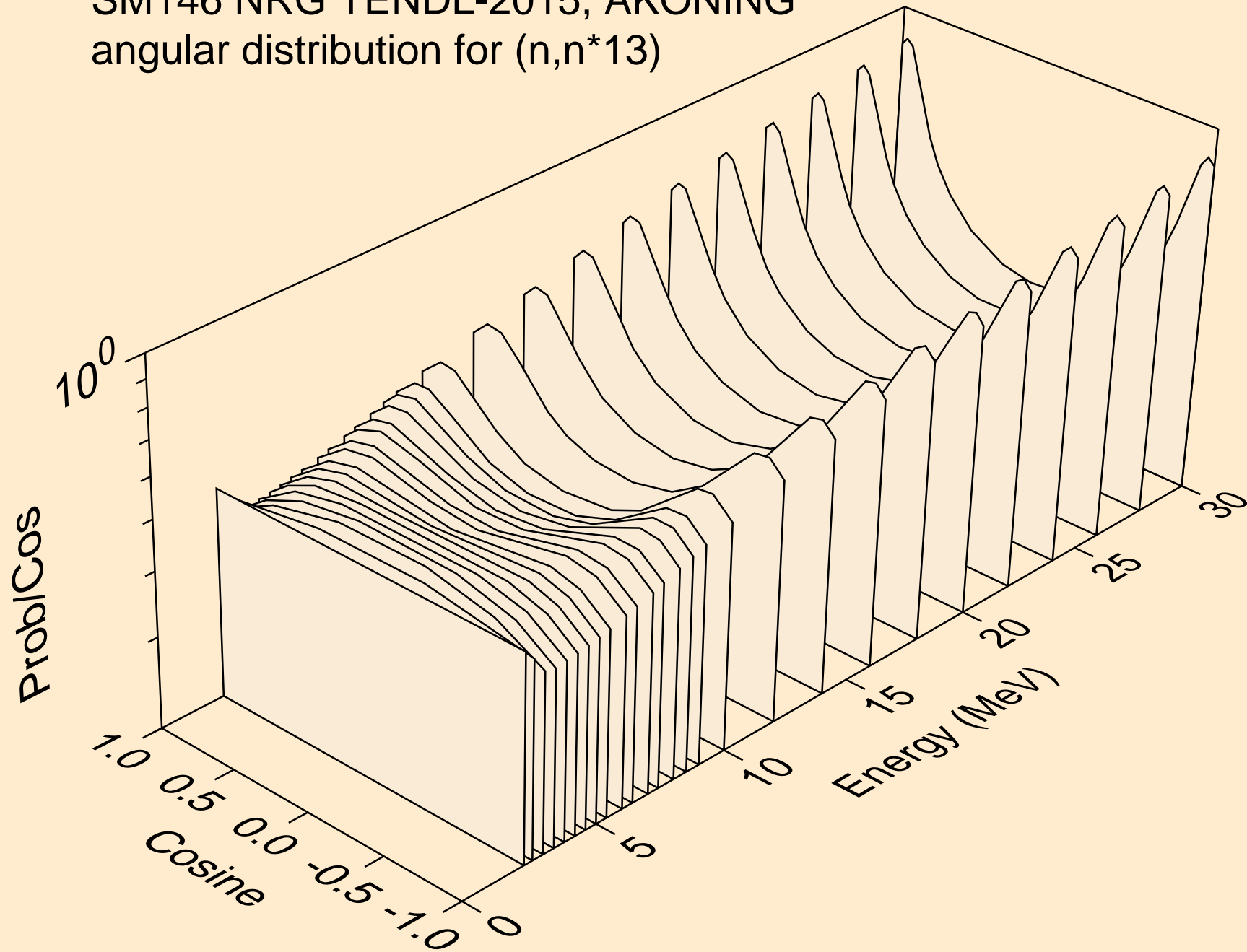
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



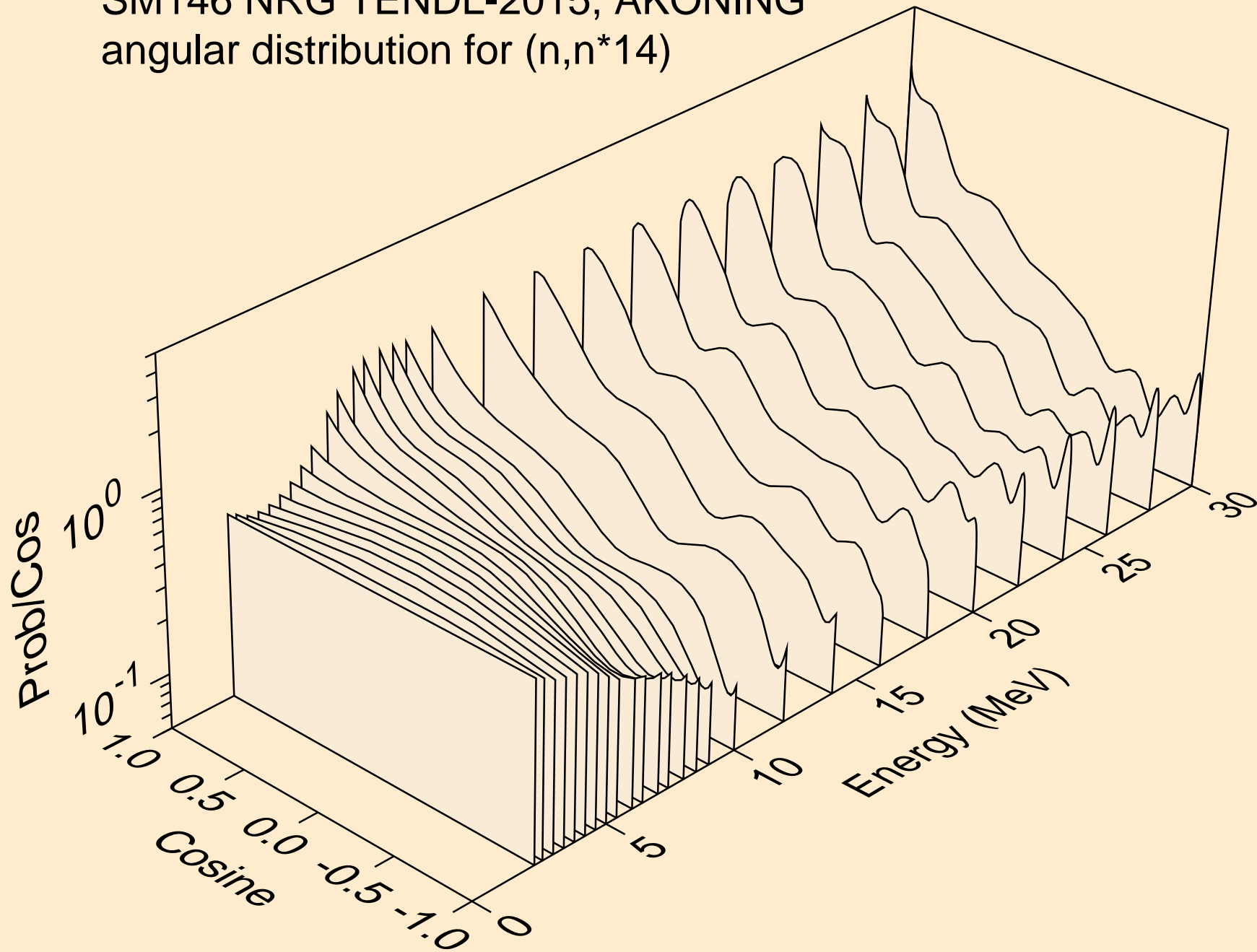
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



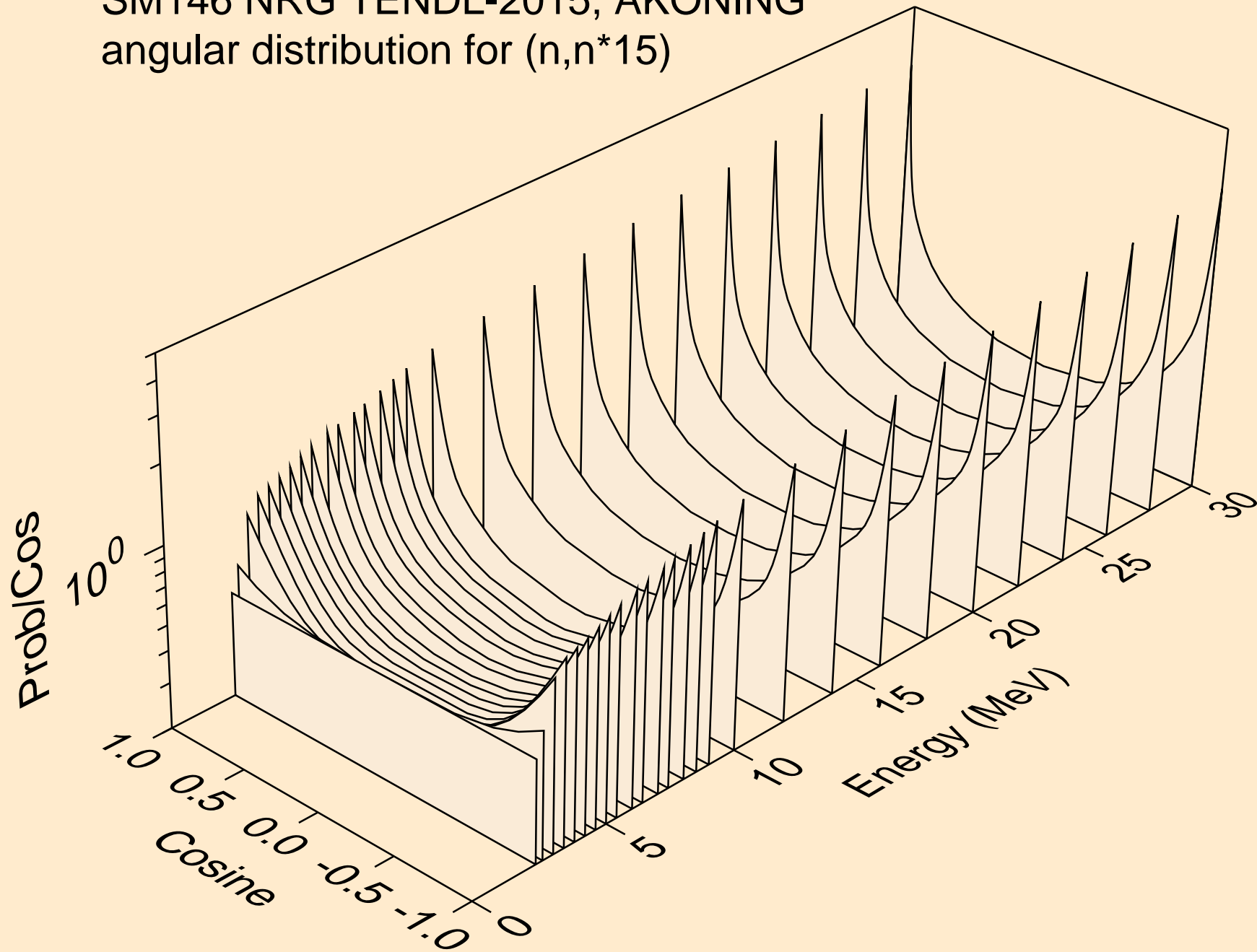
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



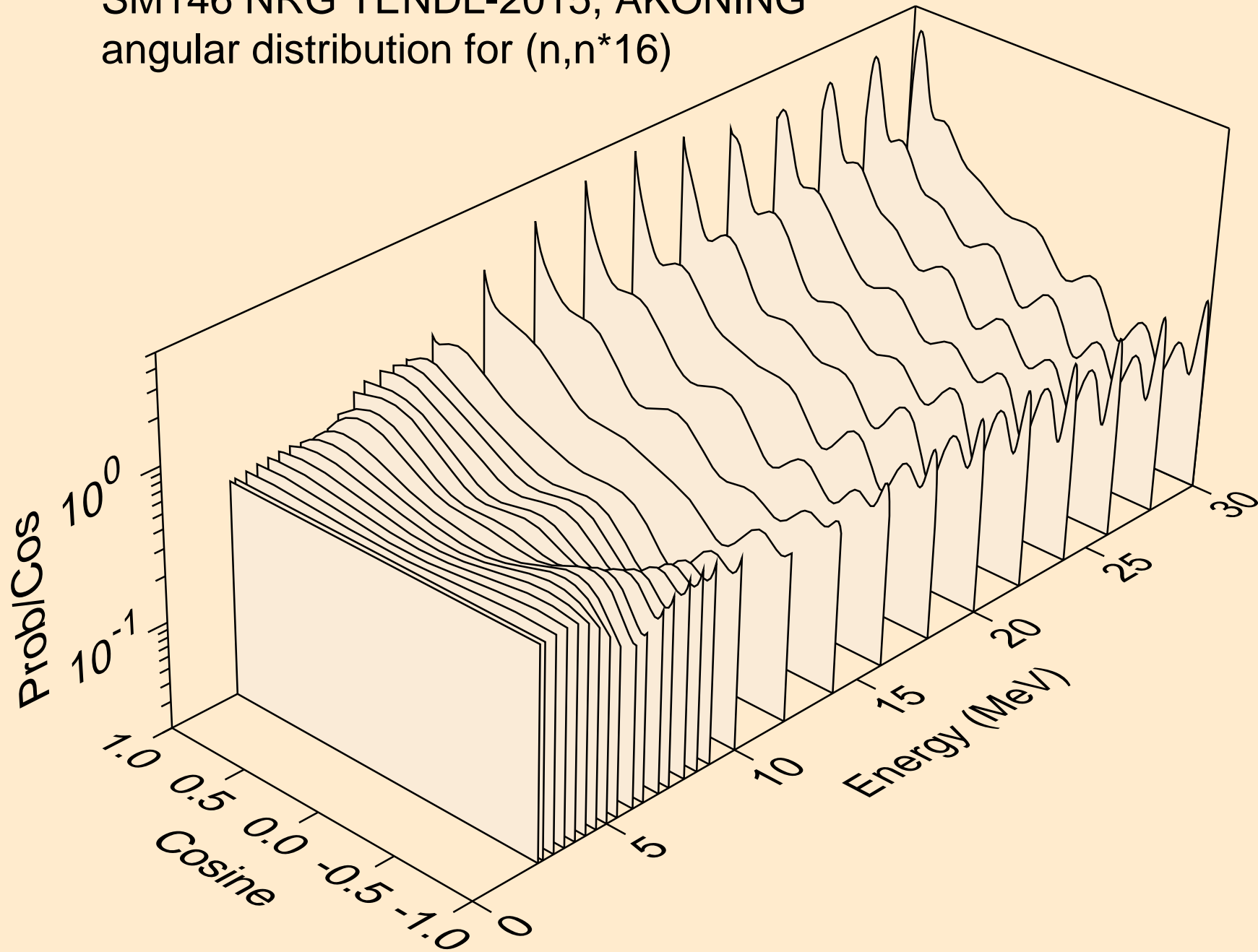
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

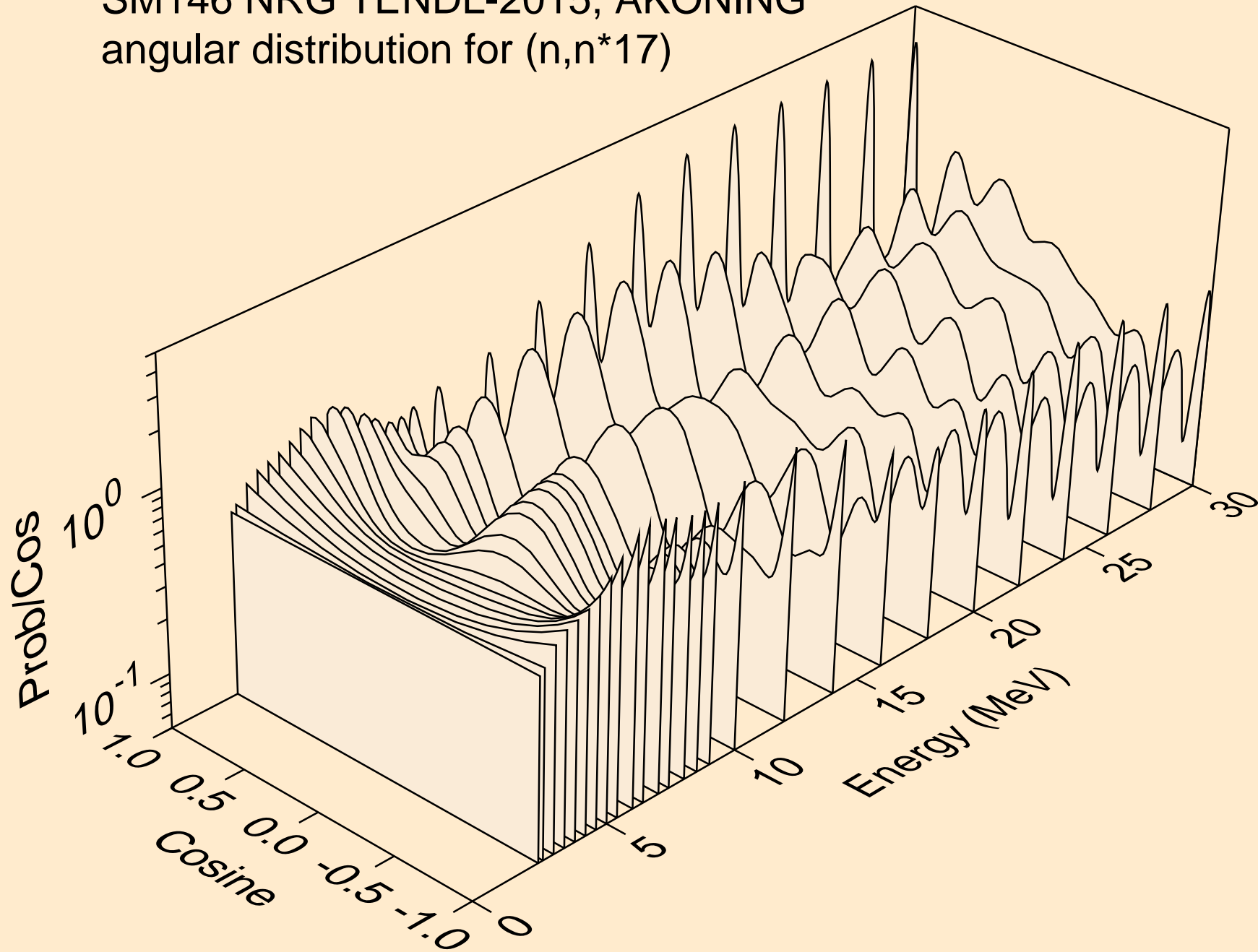


SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

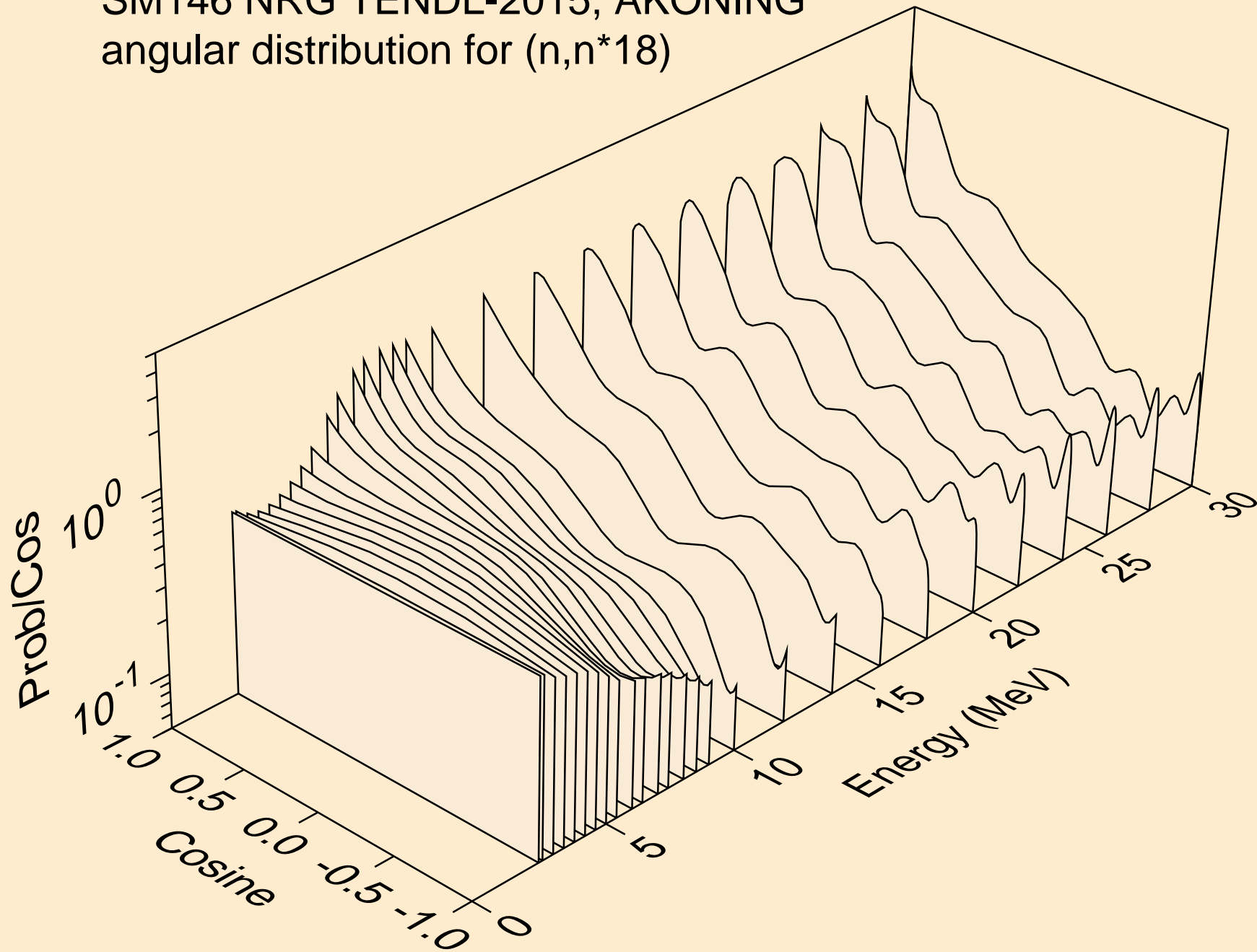




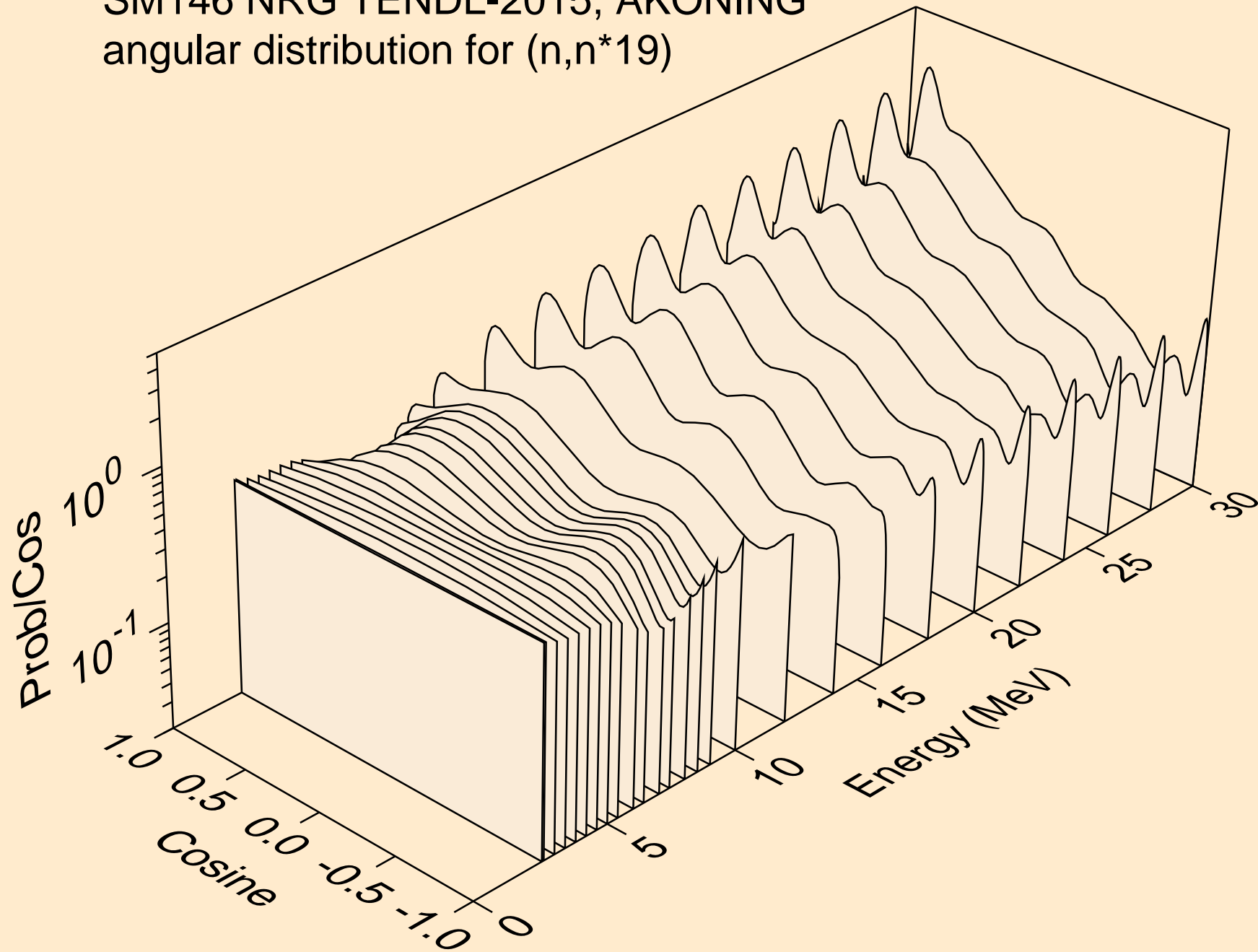
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



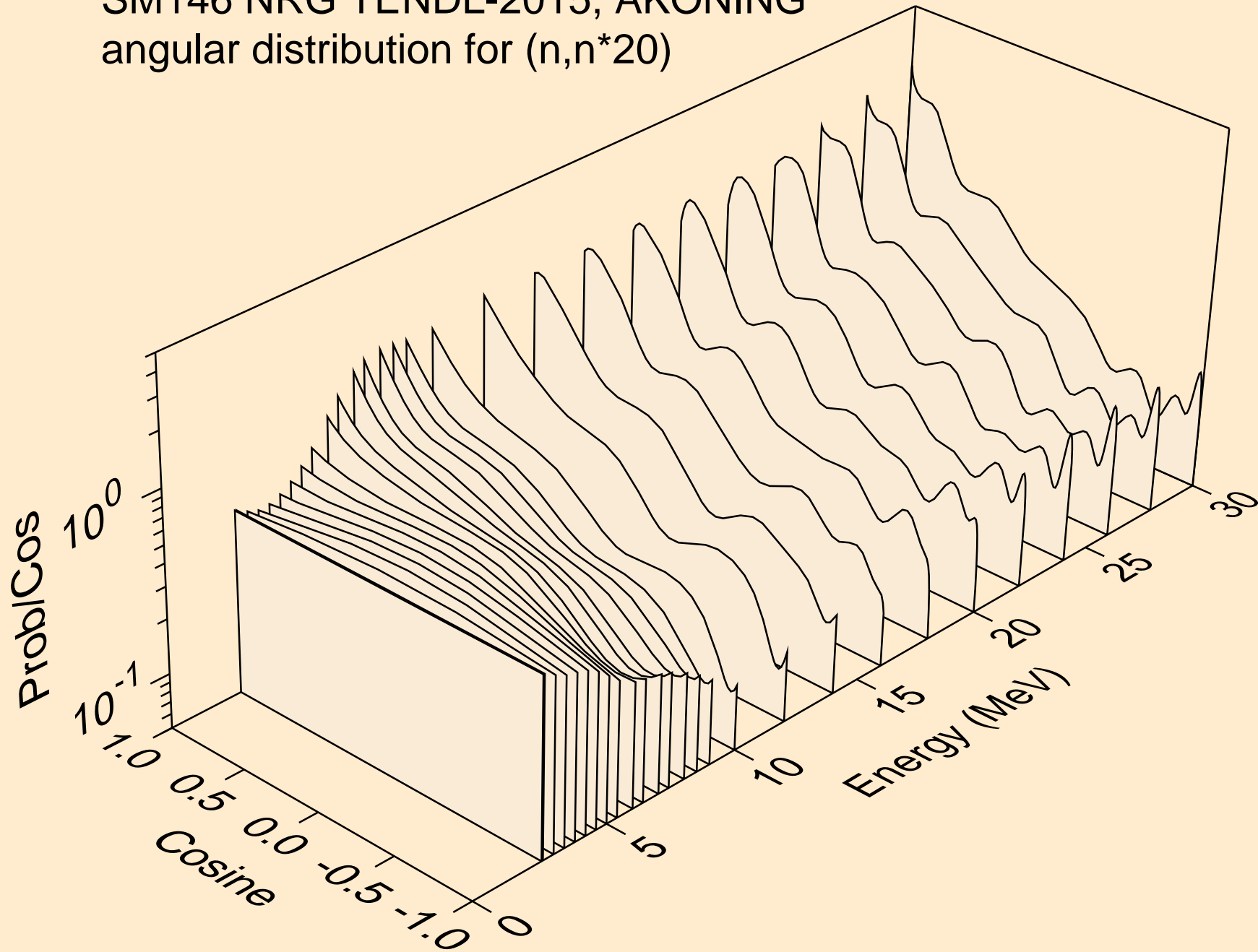
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



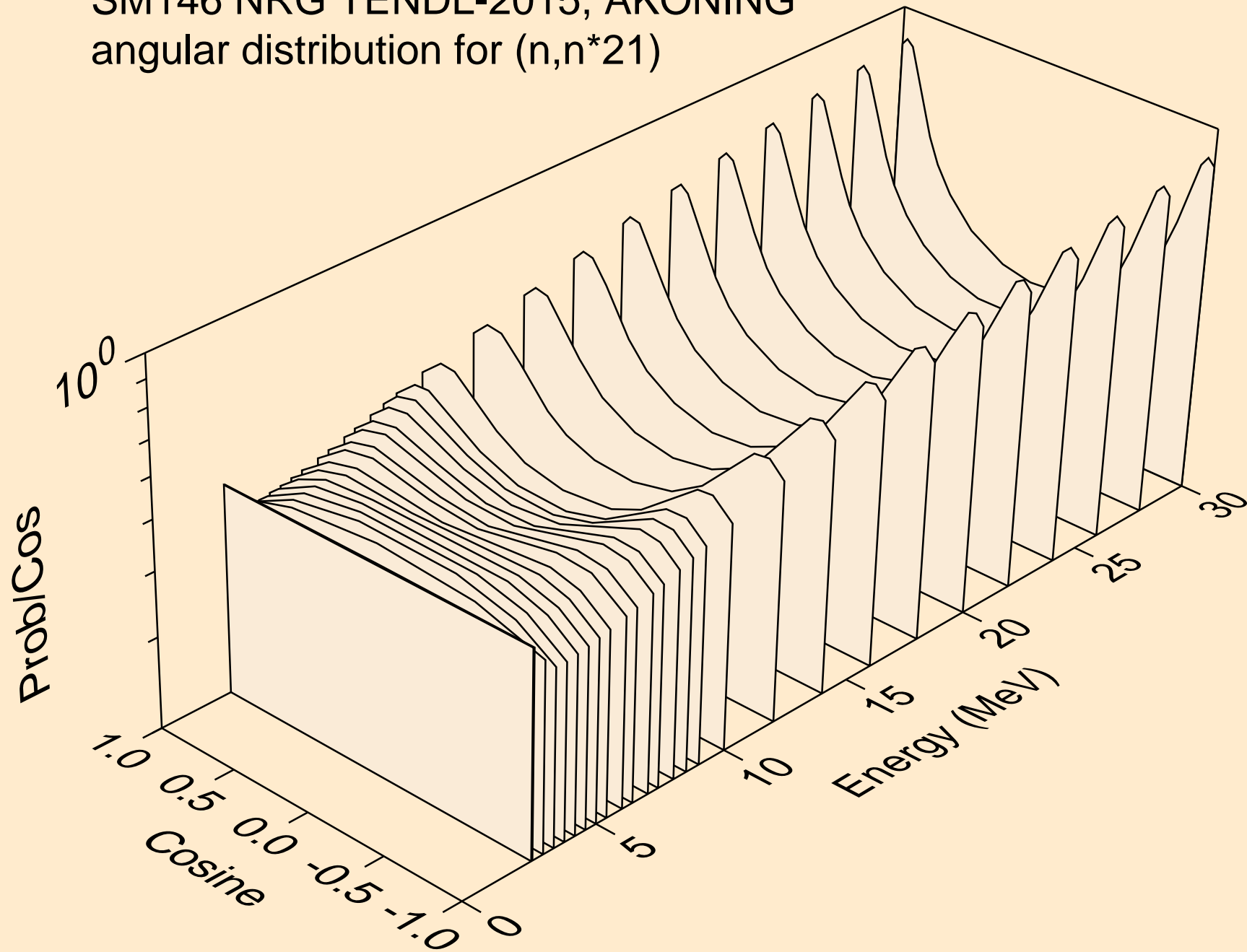
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



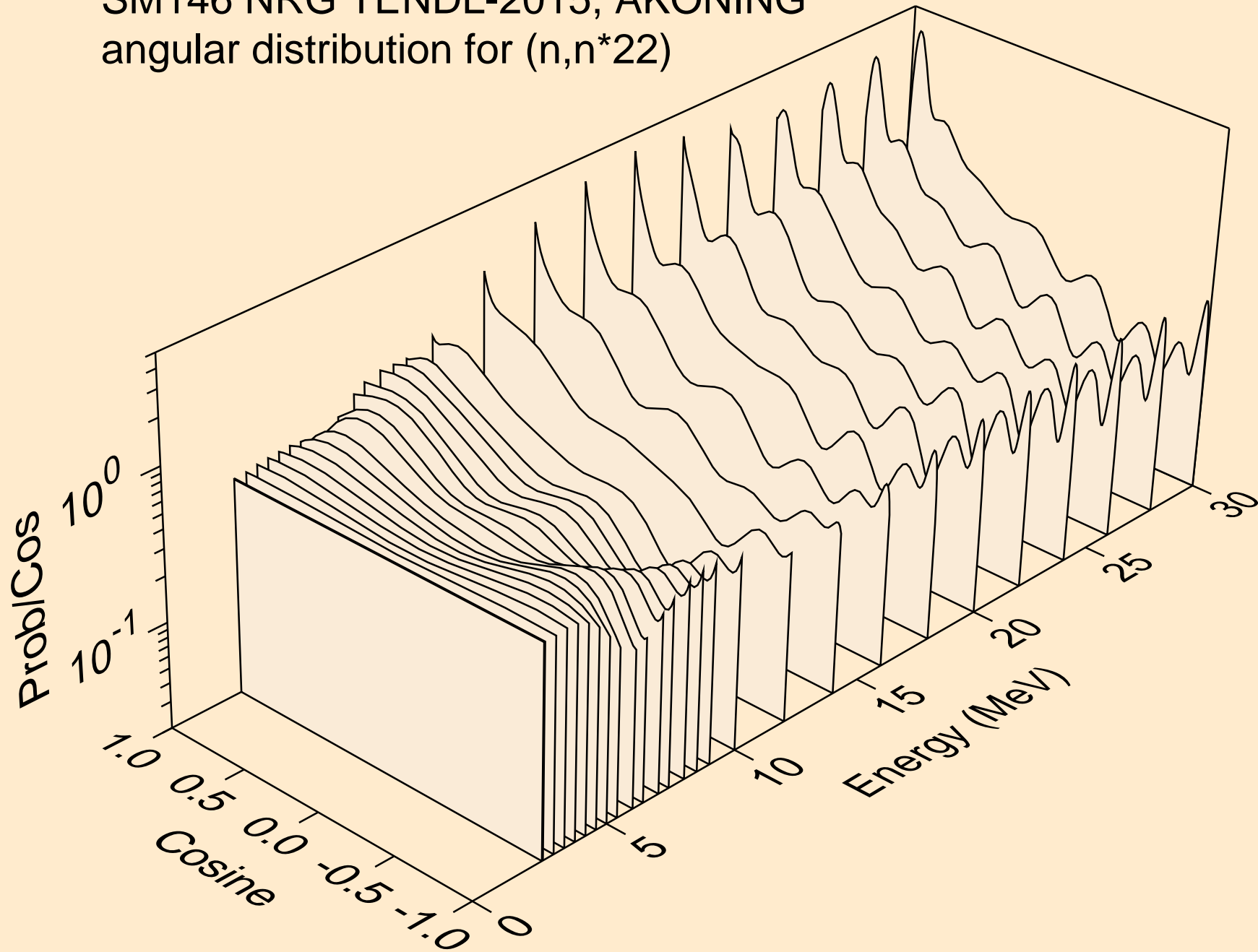
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



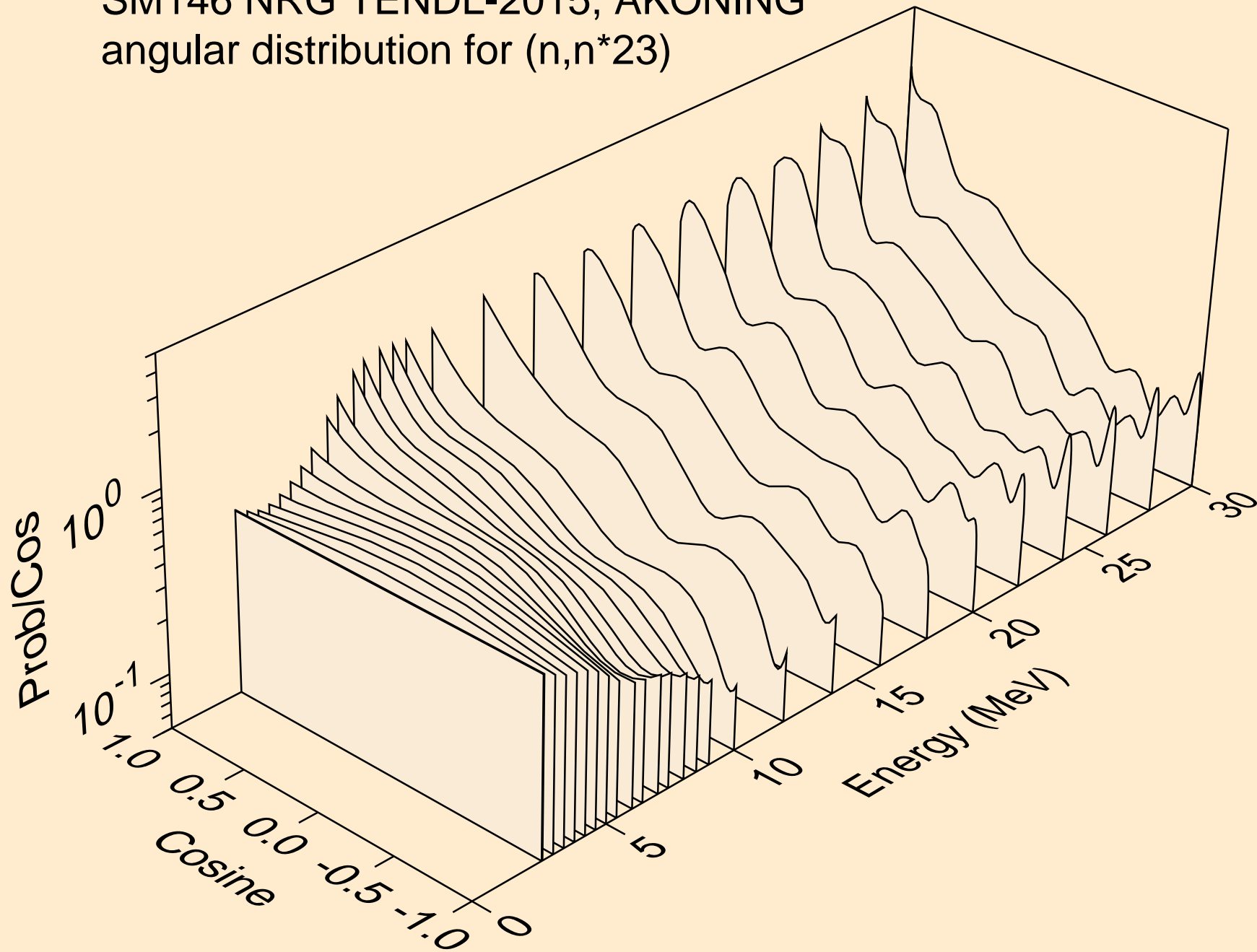
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



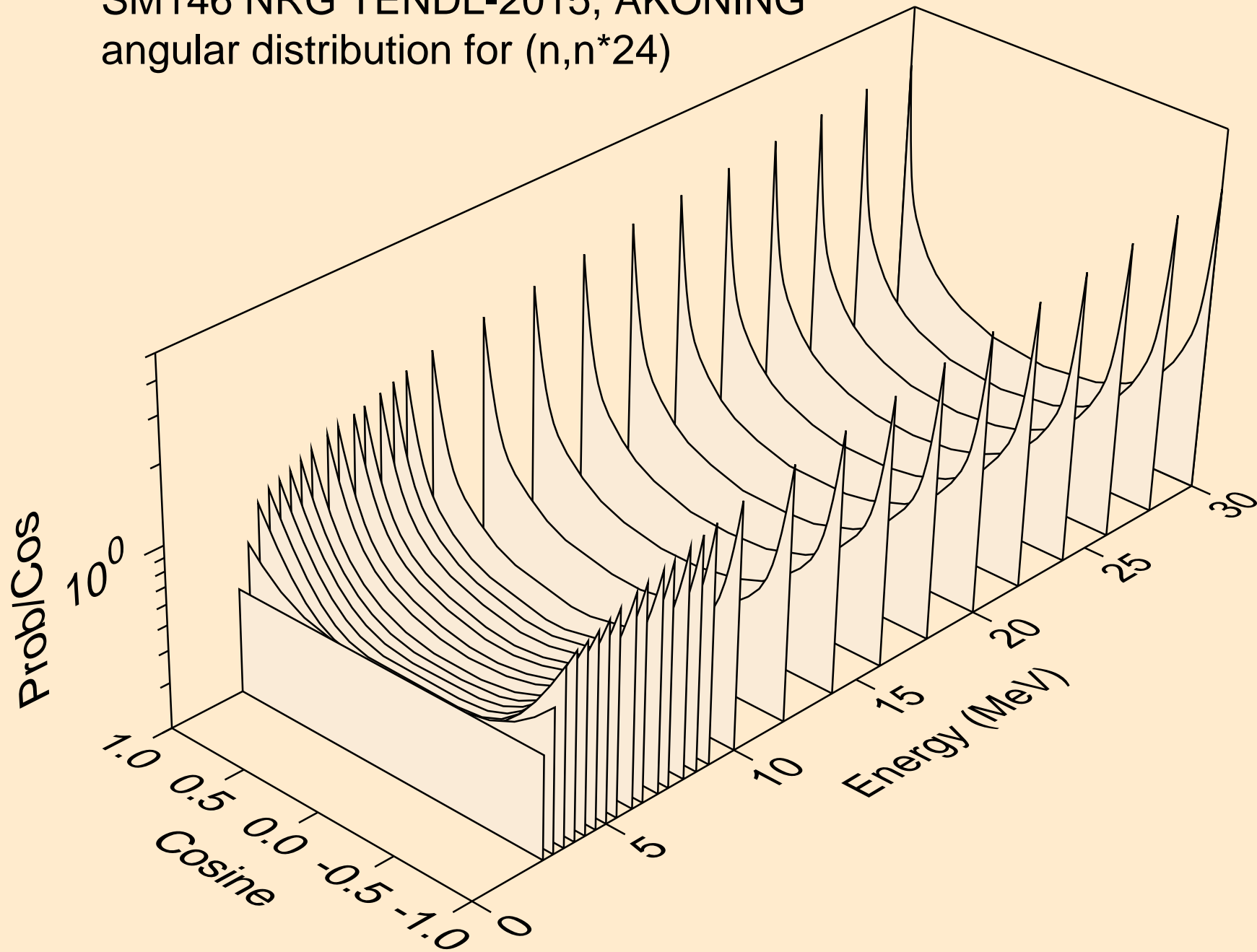
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

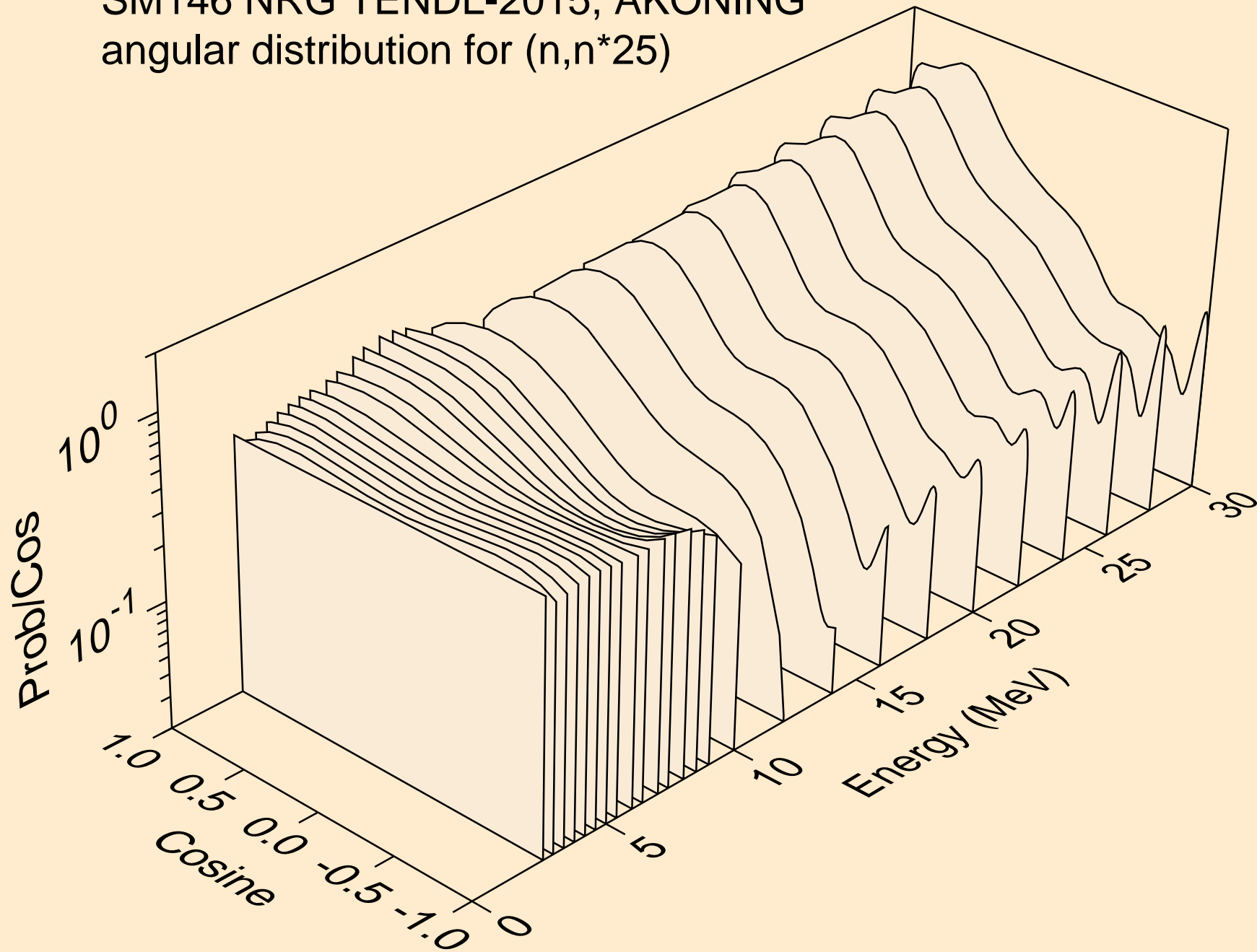


SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

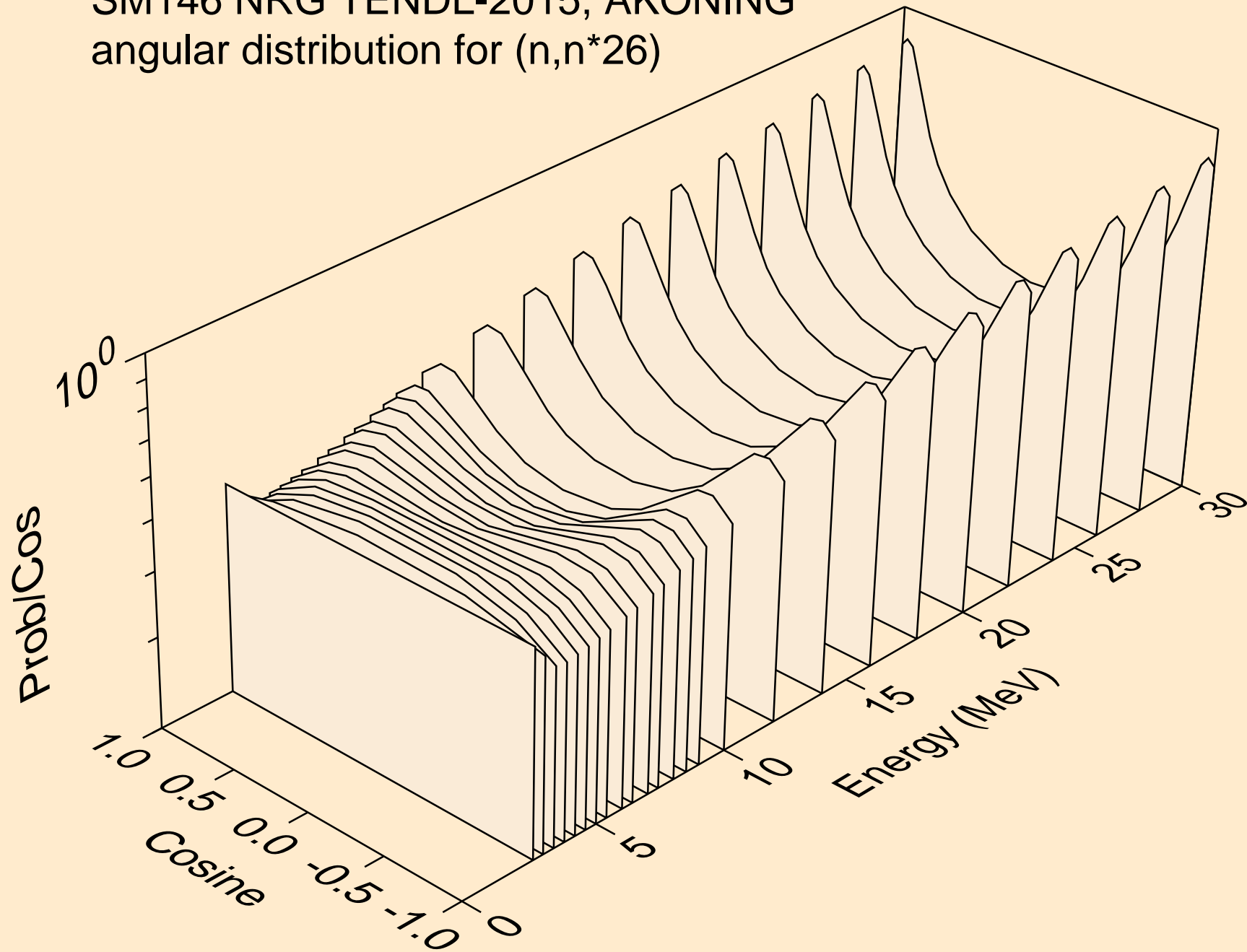




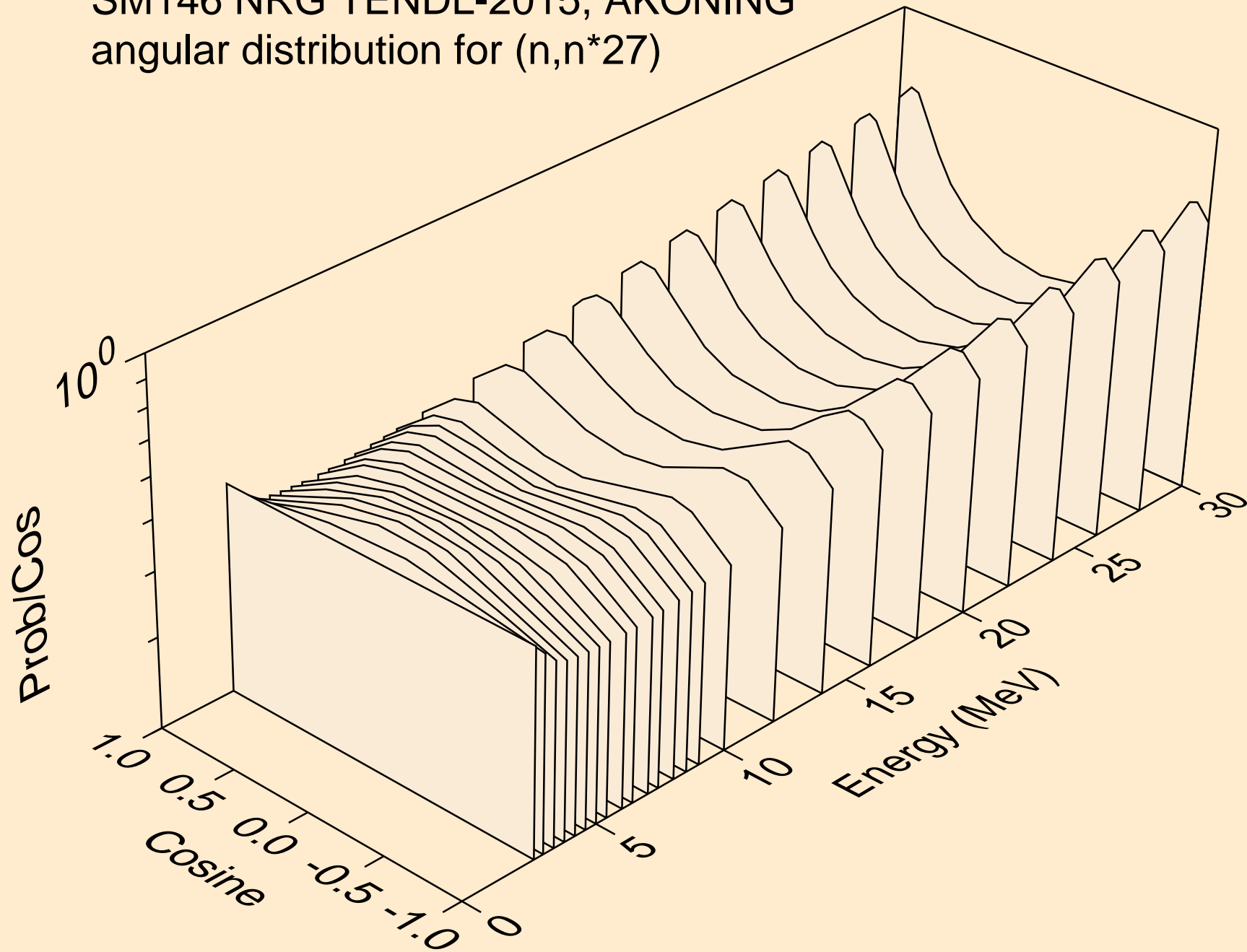
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



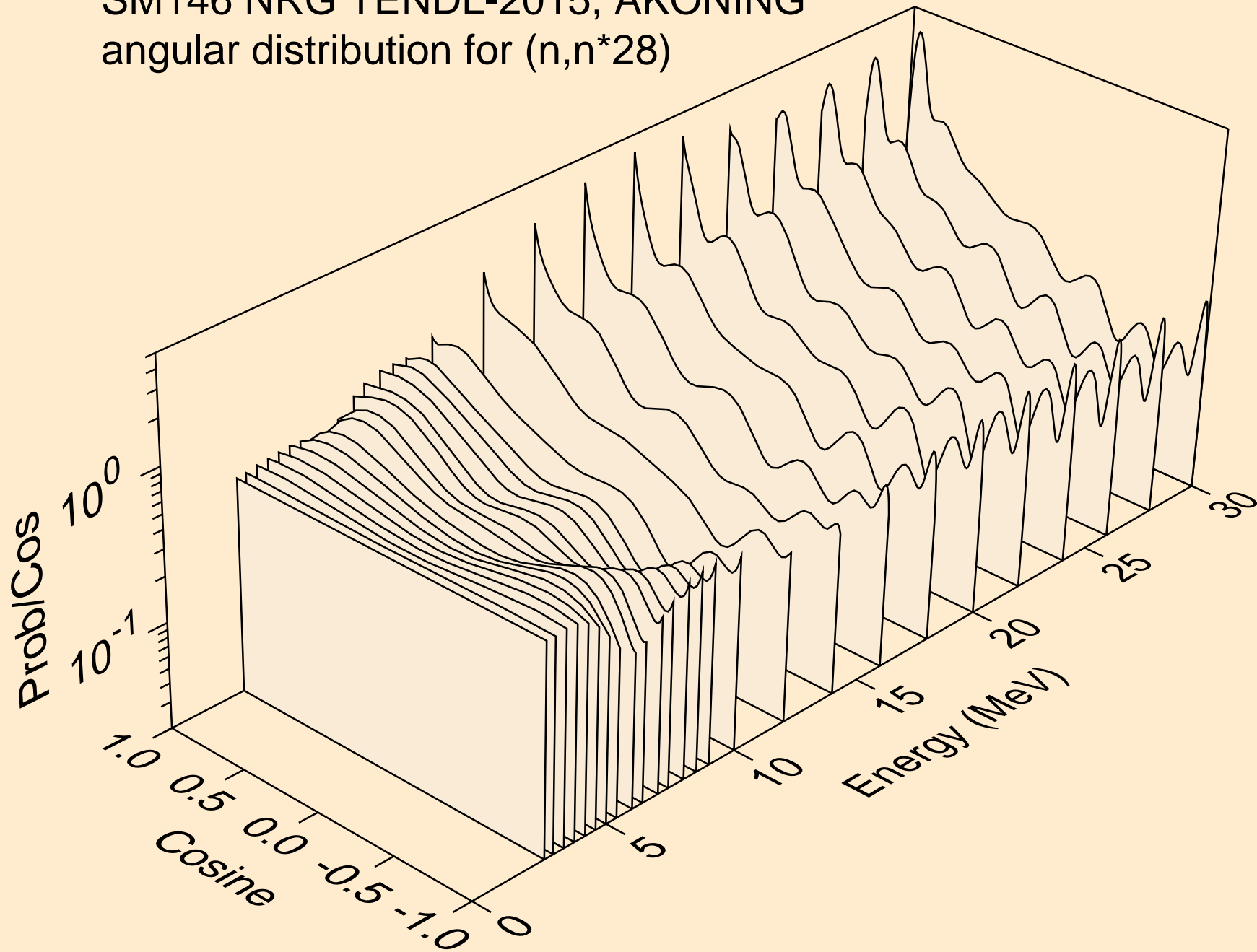
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



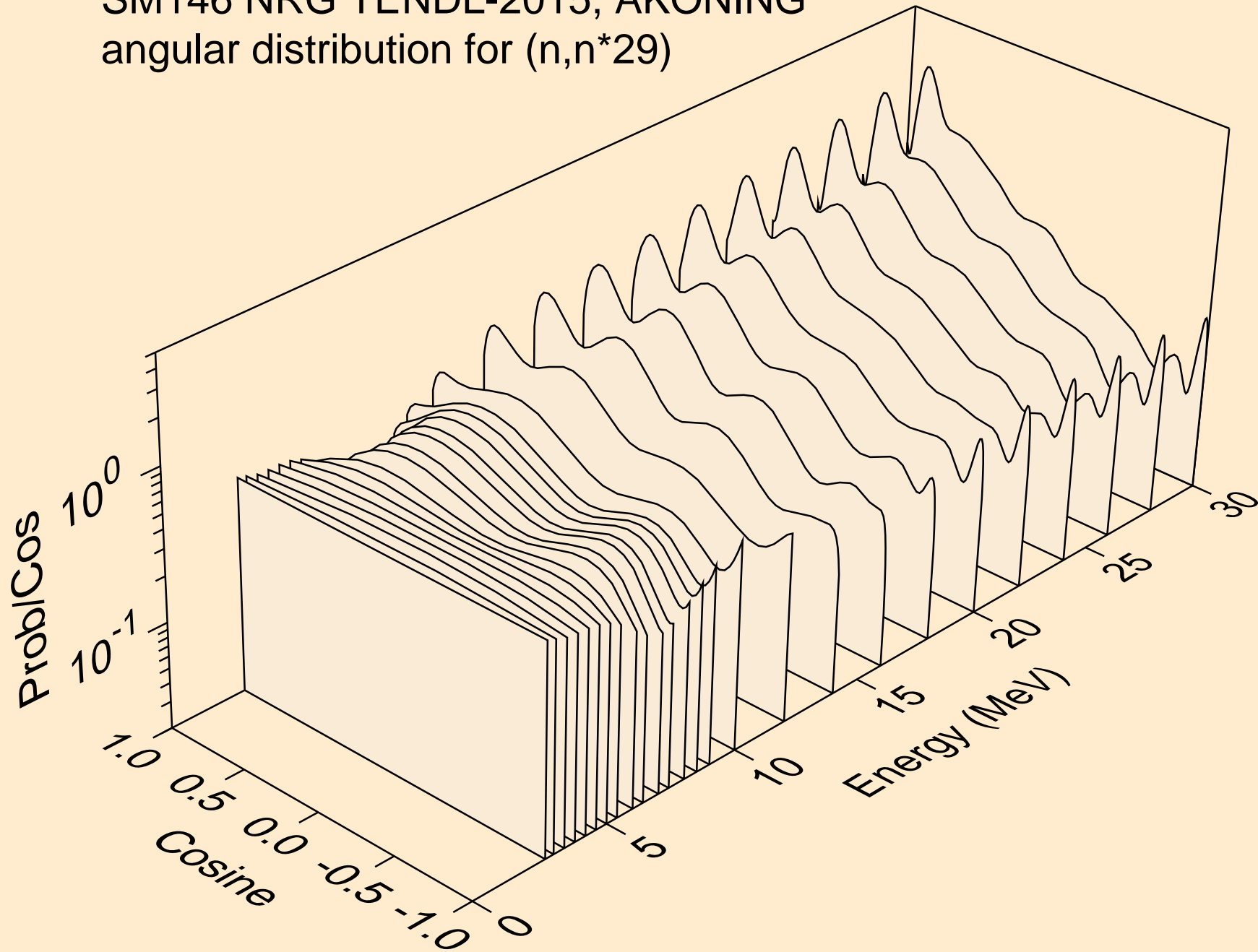
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



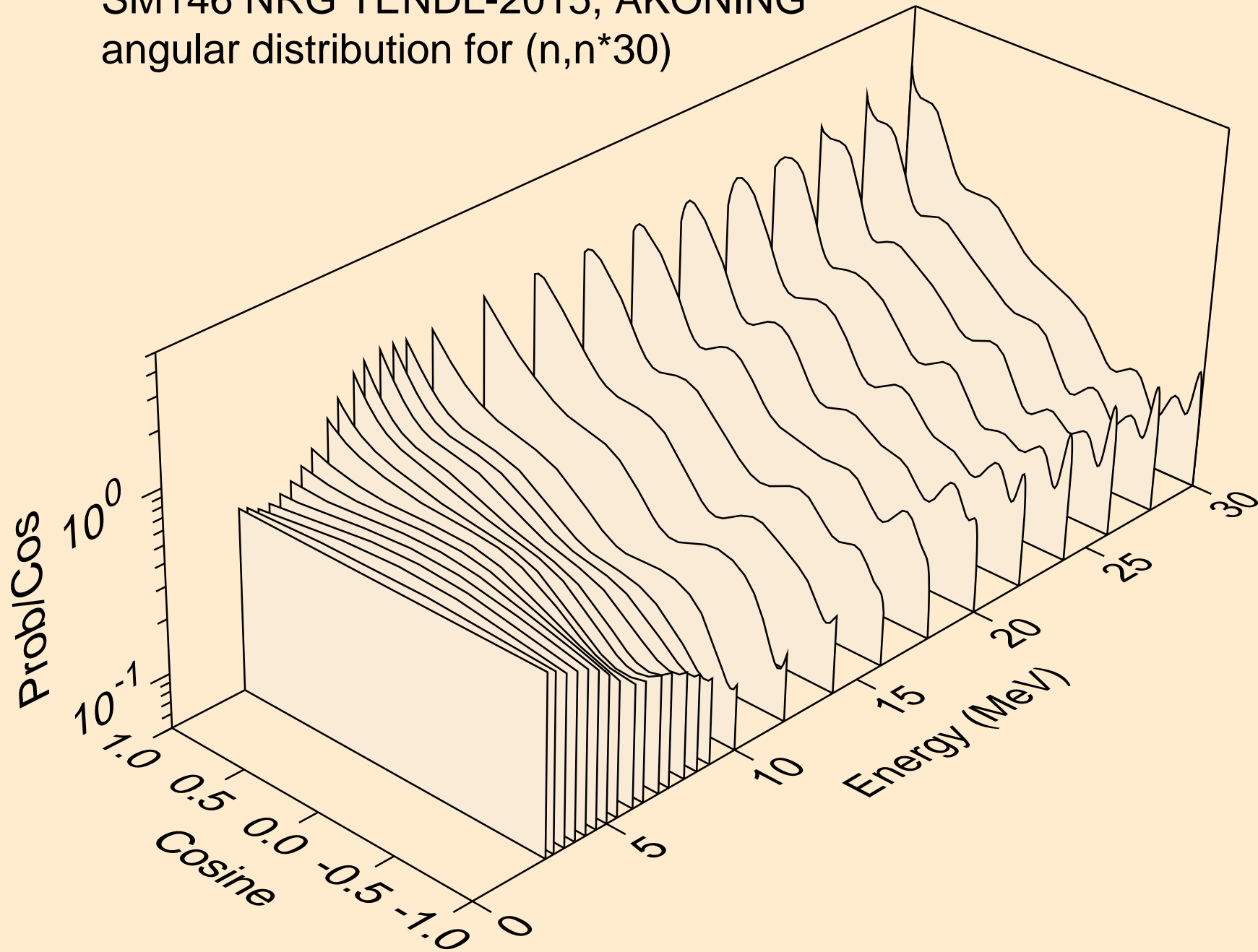
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



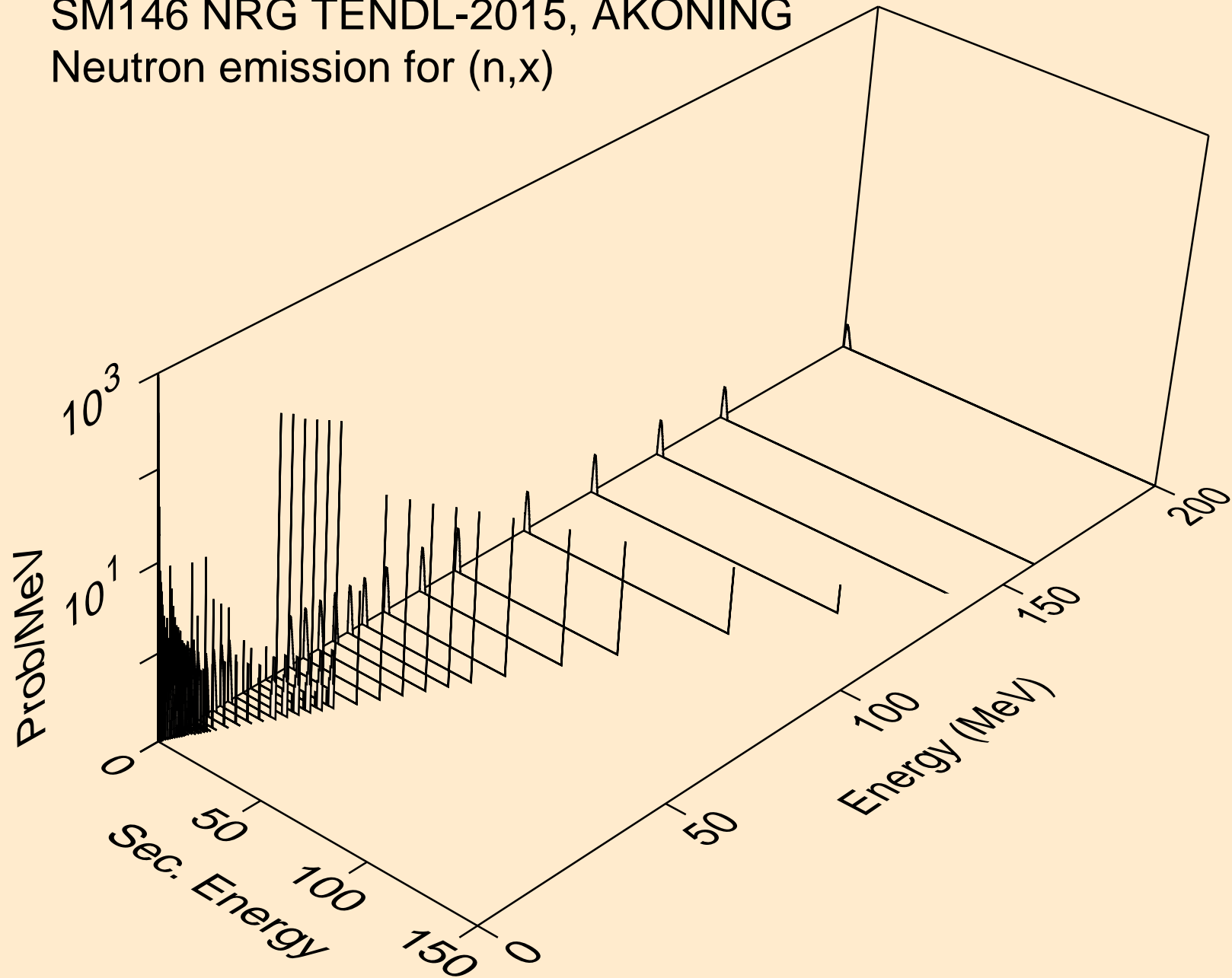
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



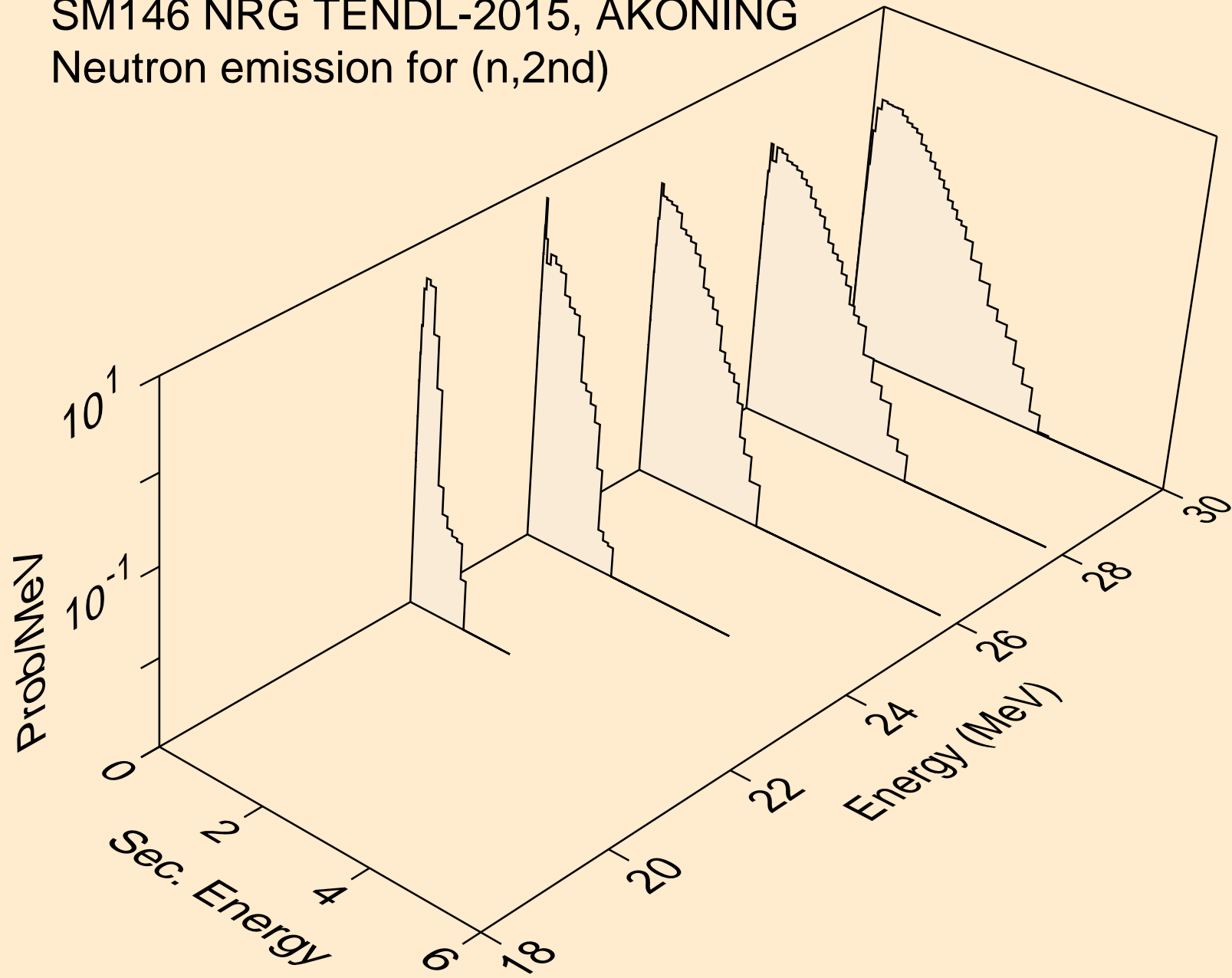
SM146 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

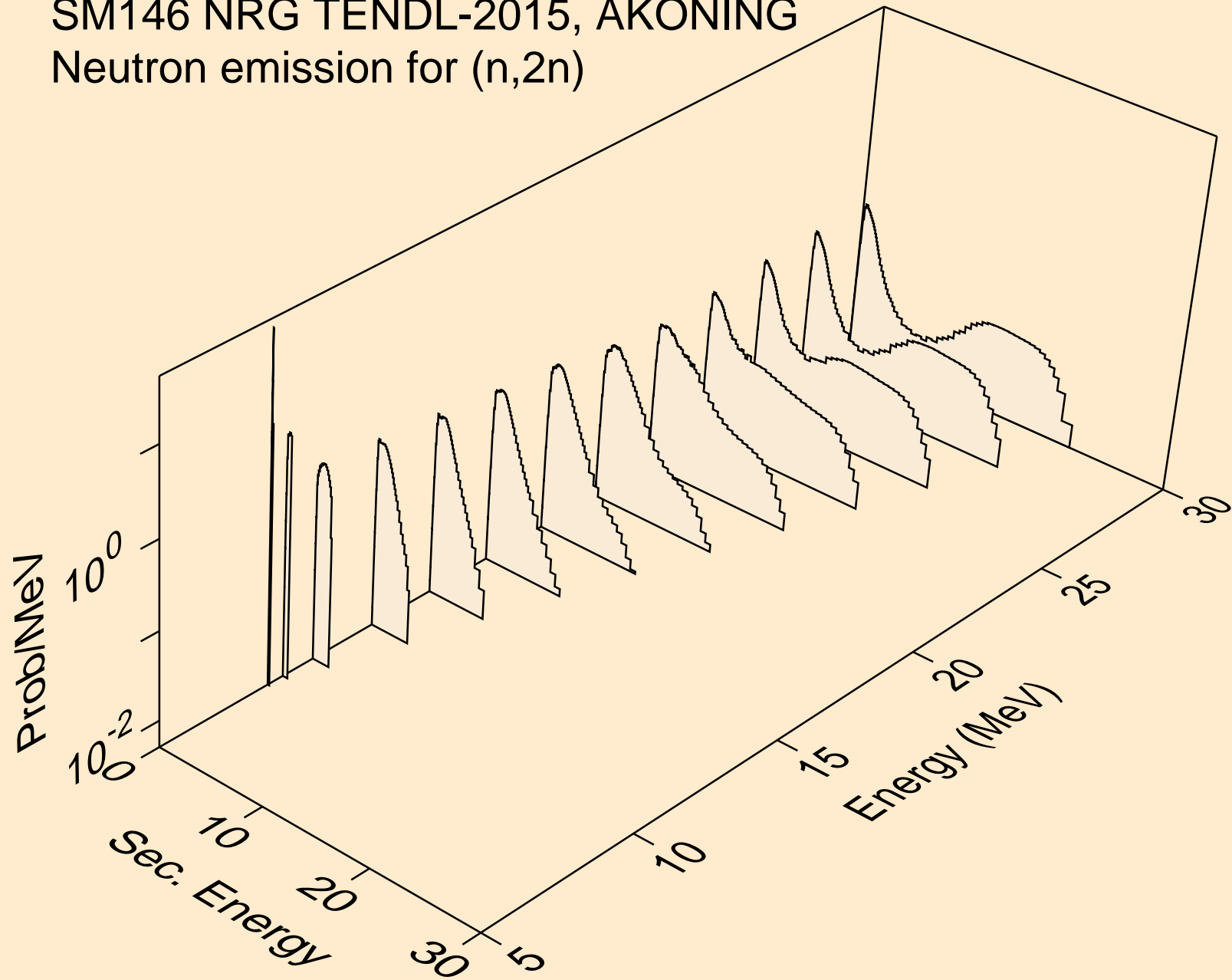


SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

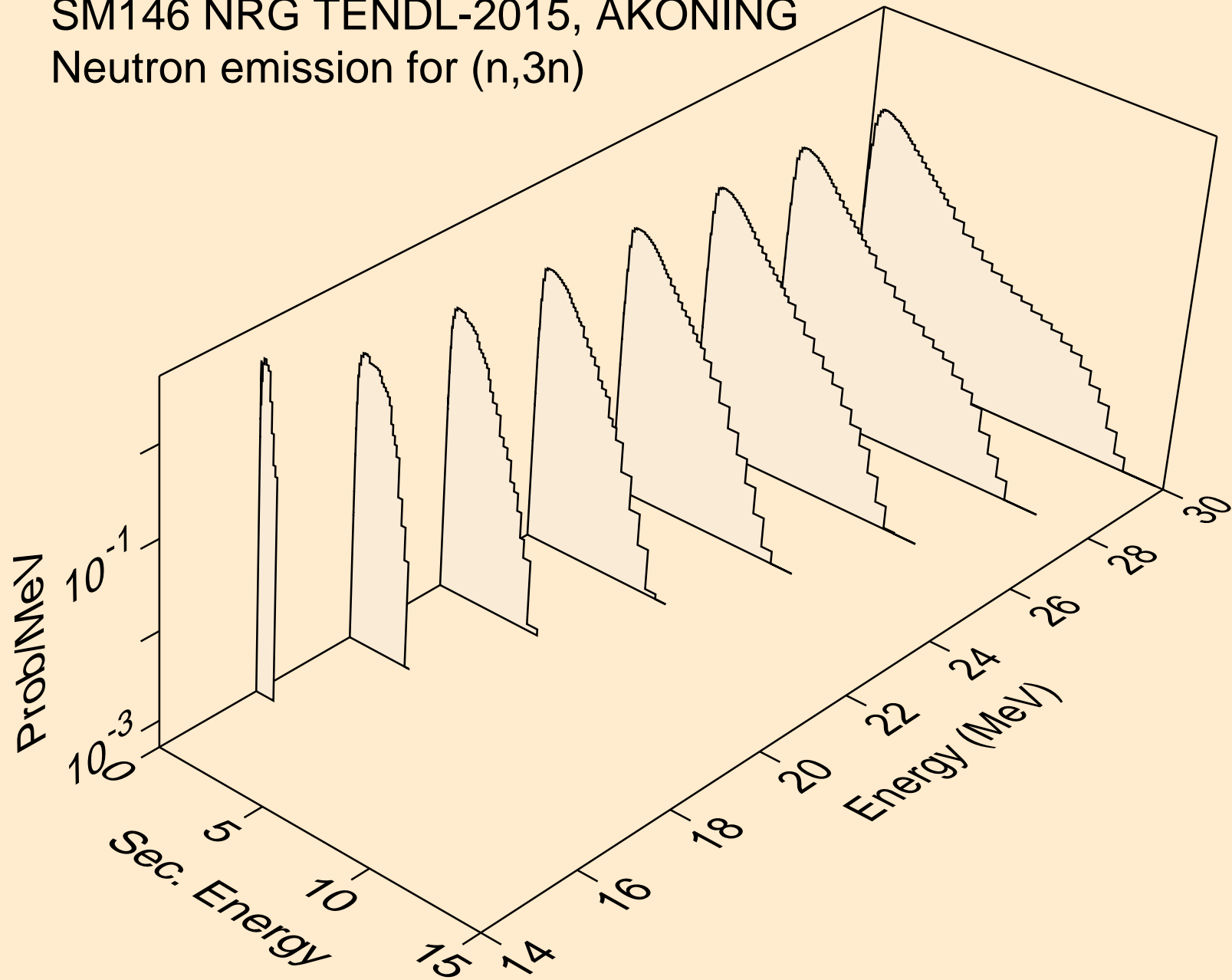




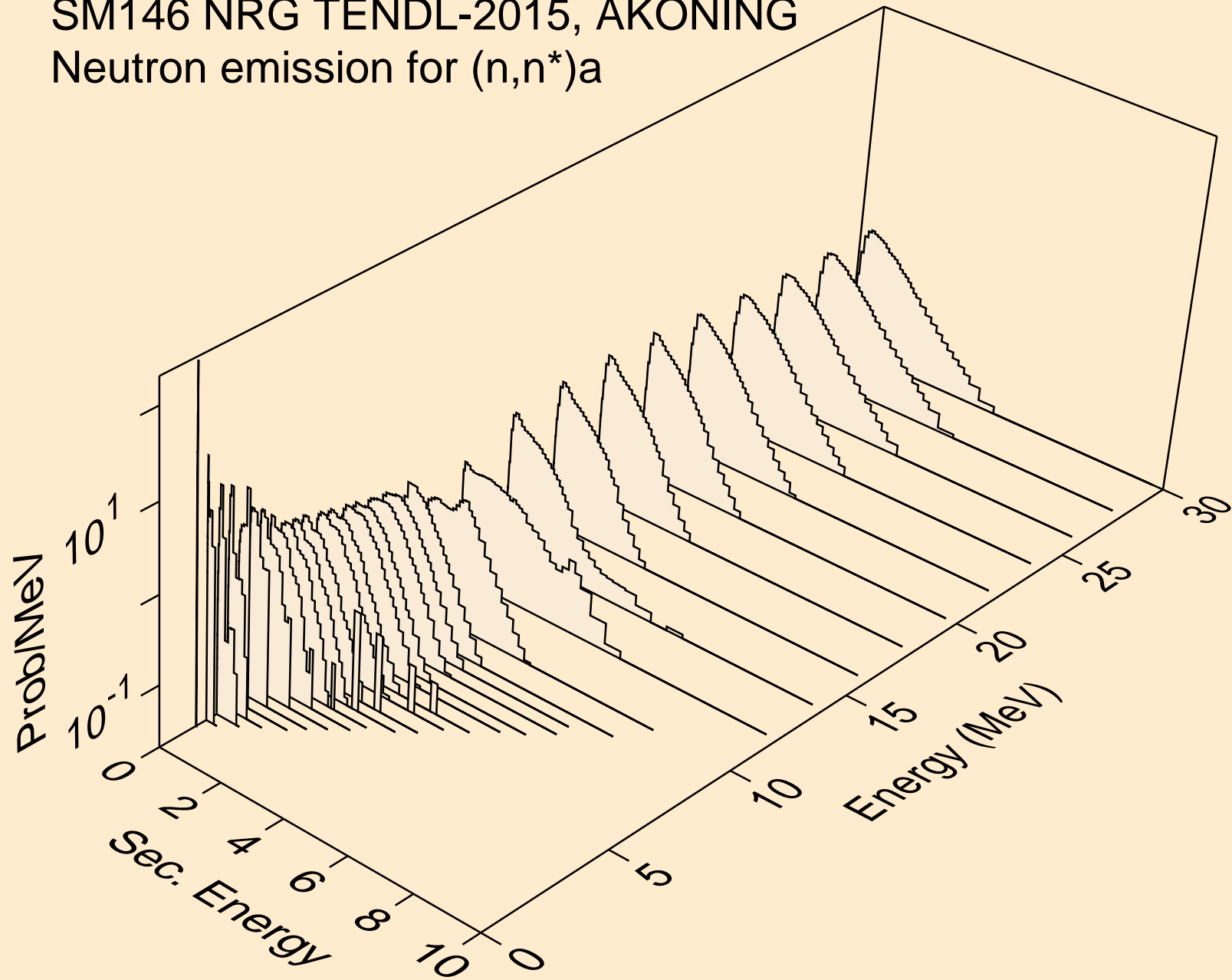
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



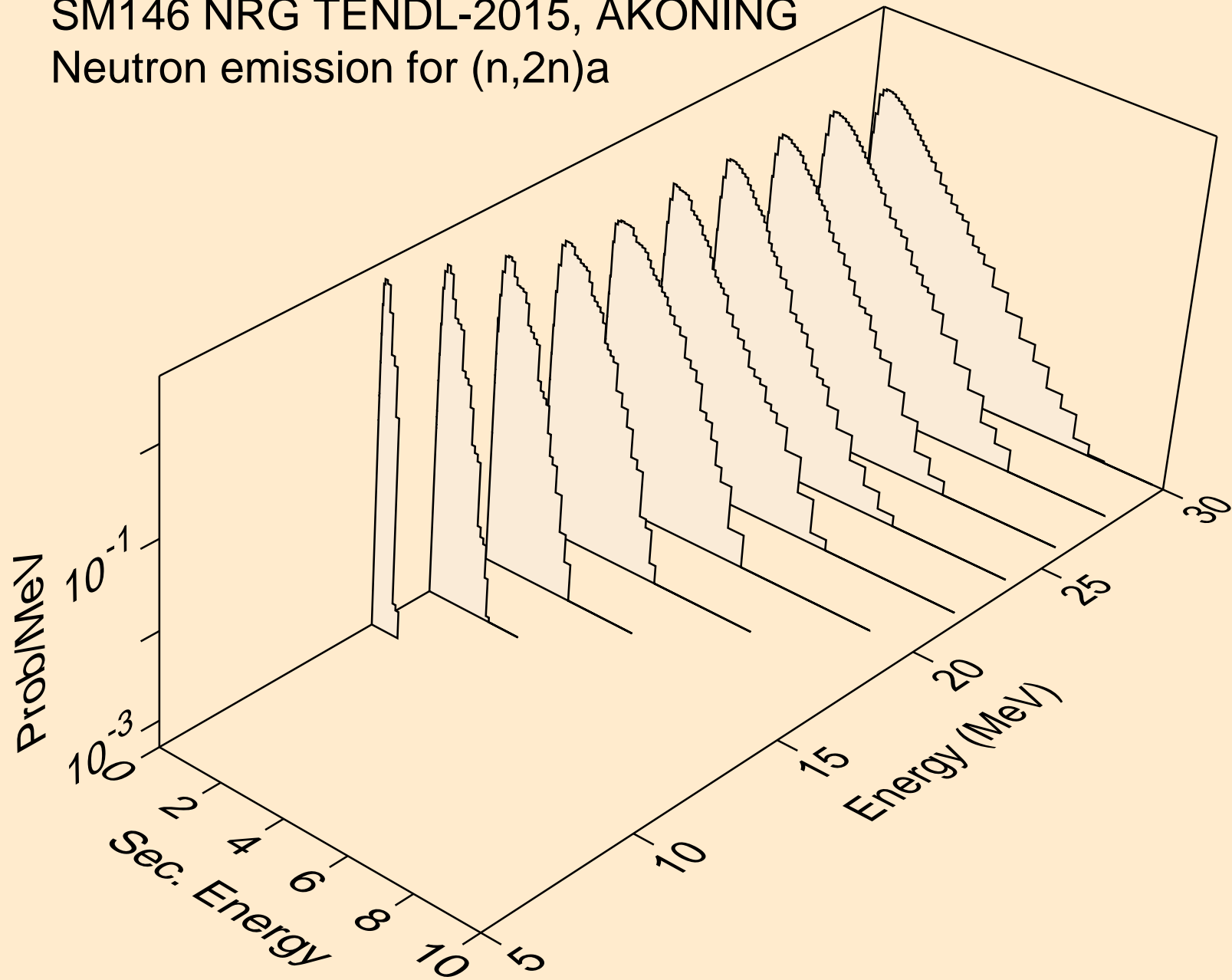
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



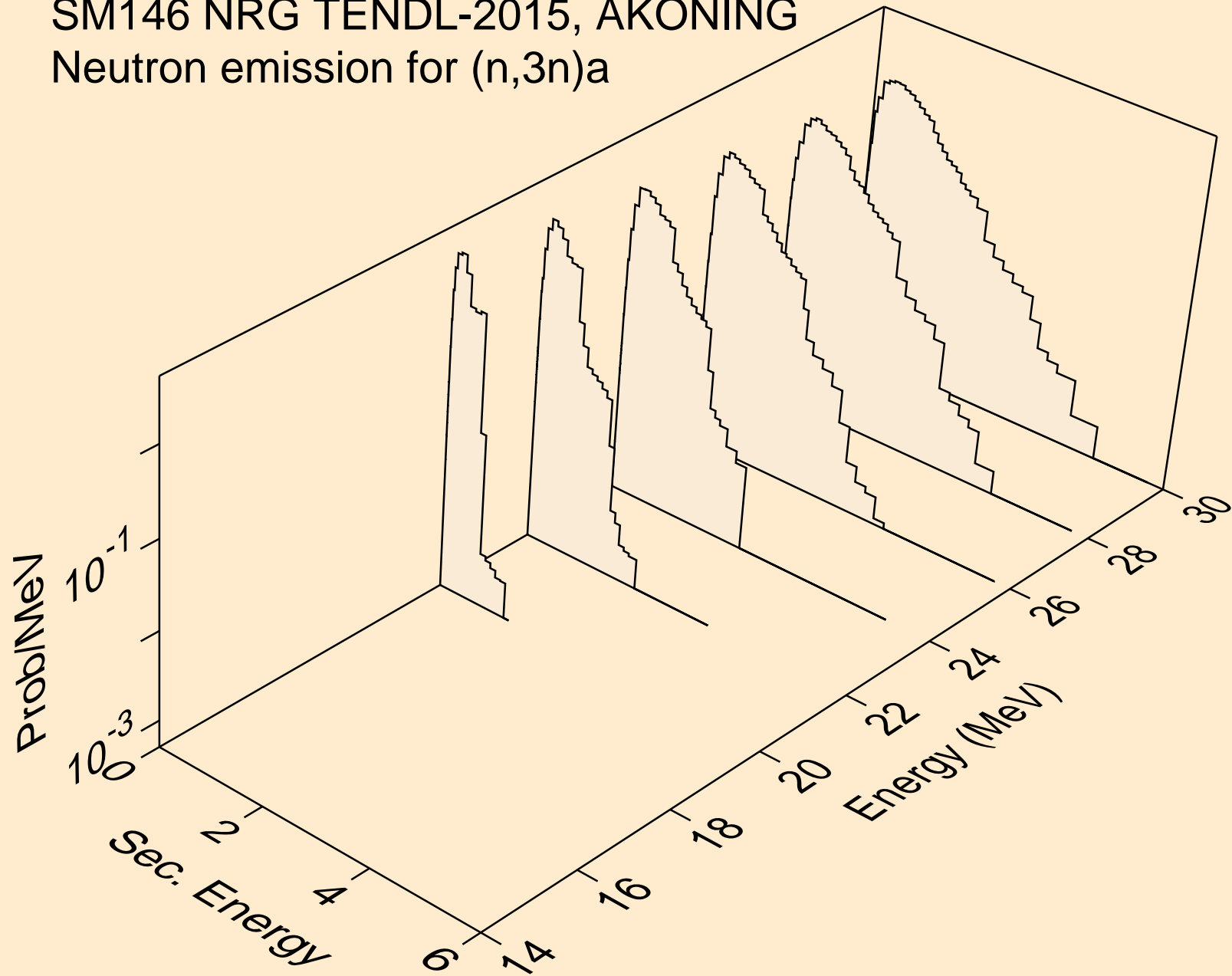
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



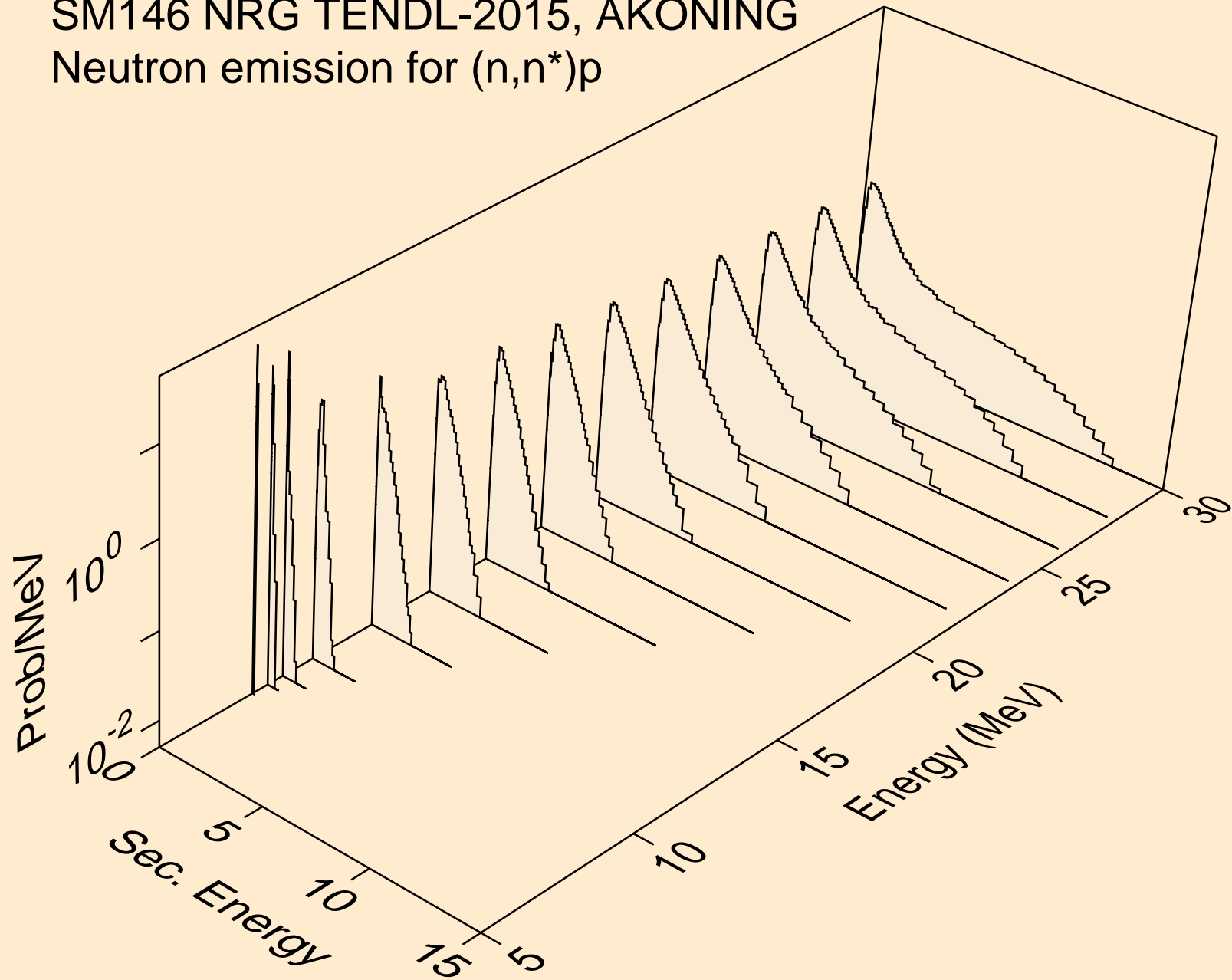
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



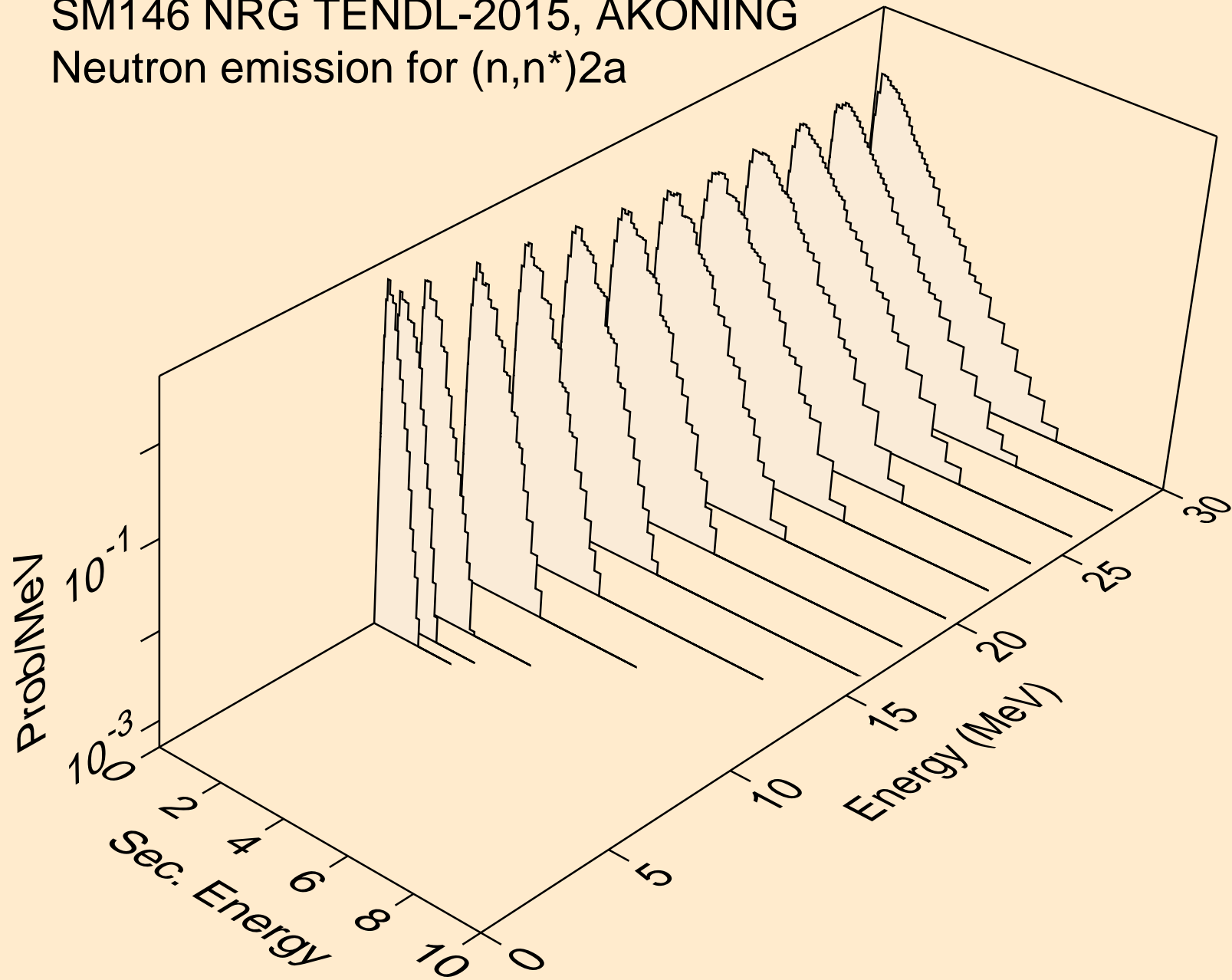
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



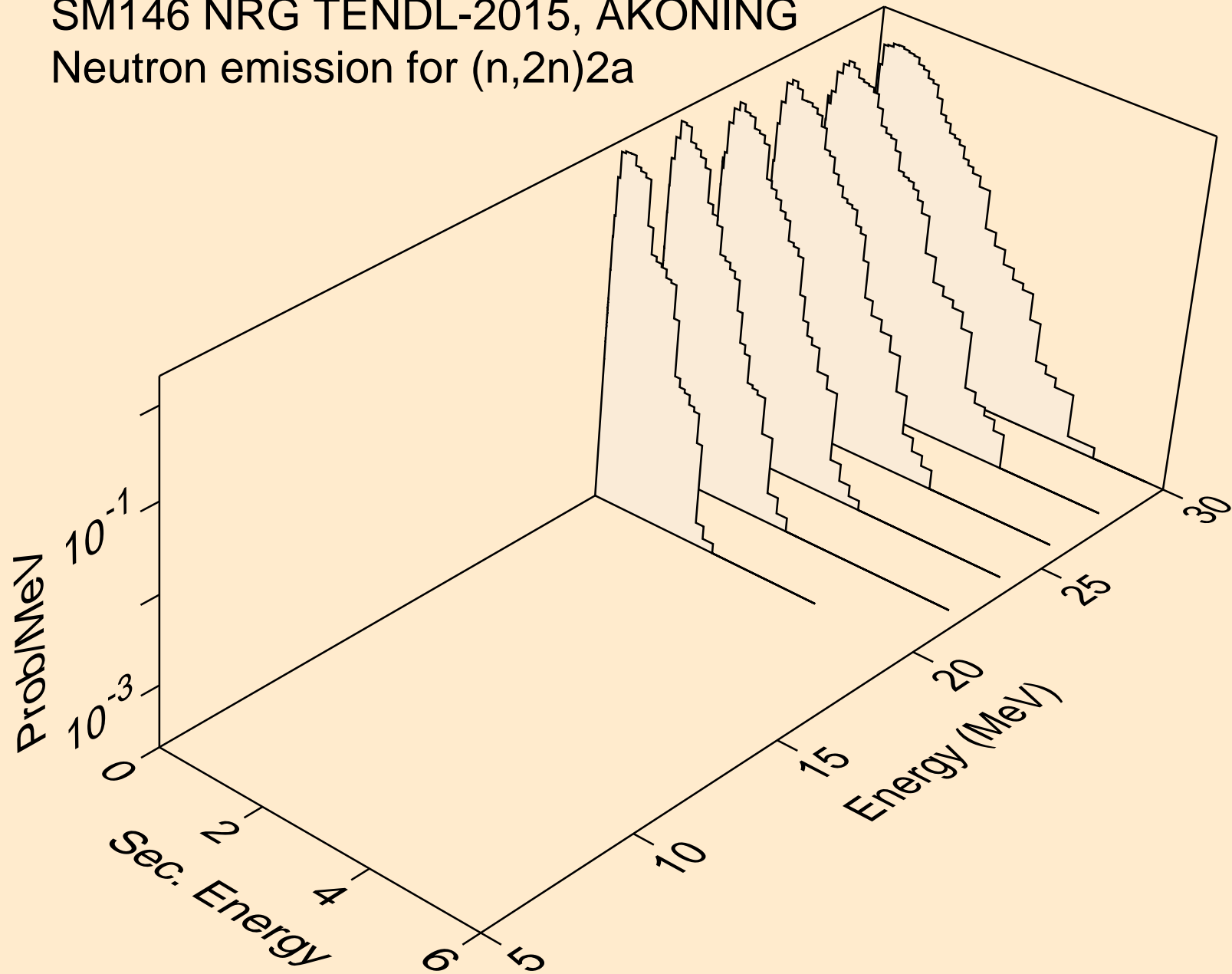
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

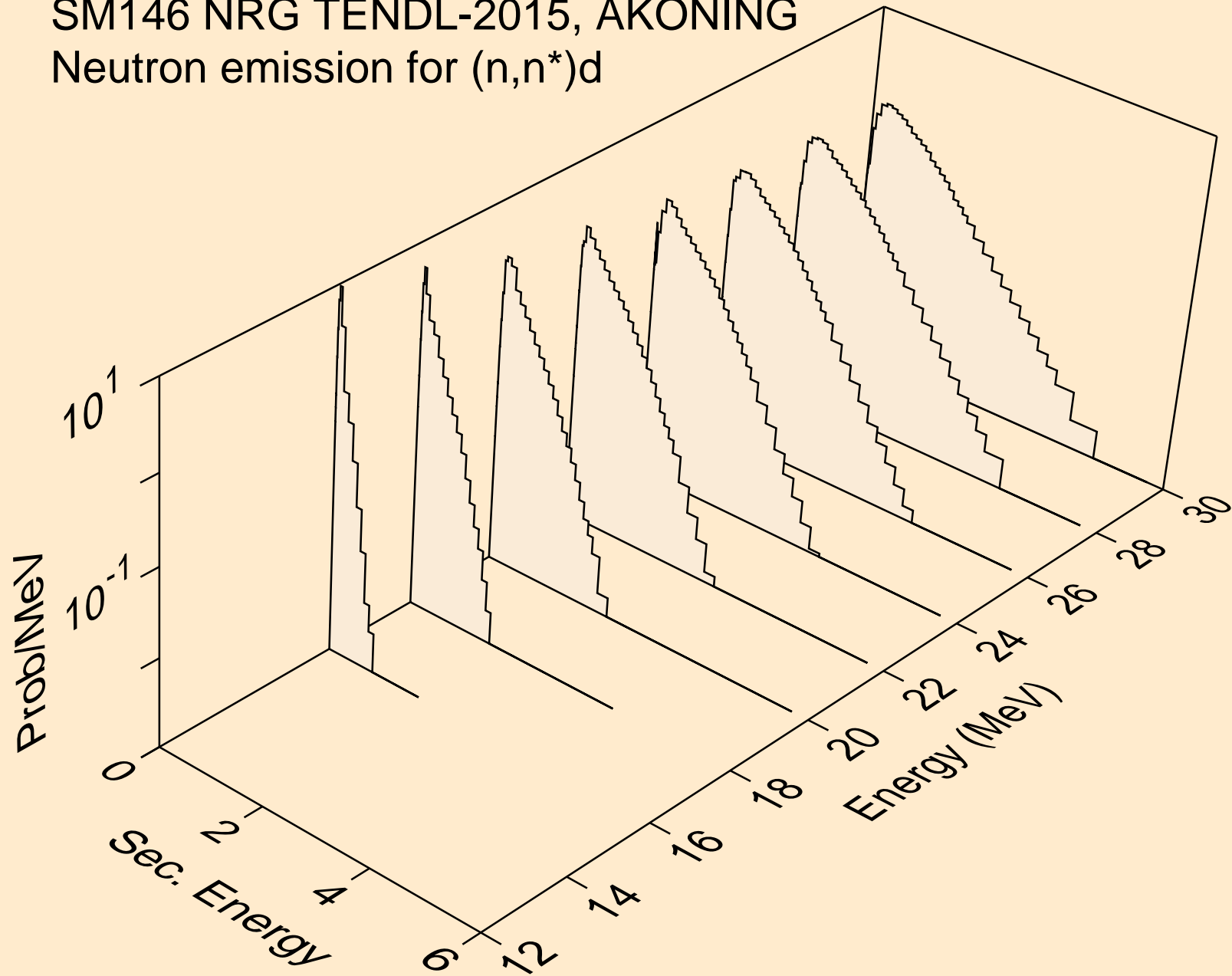


SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

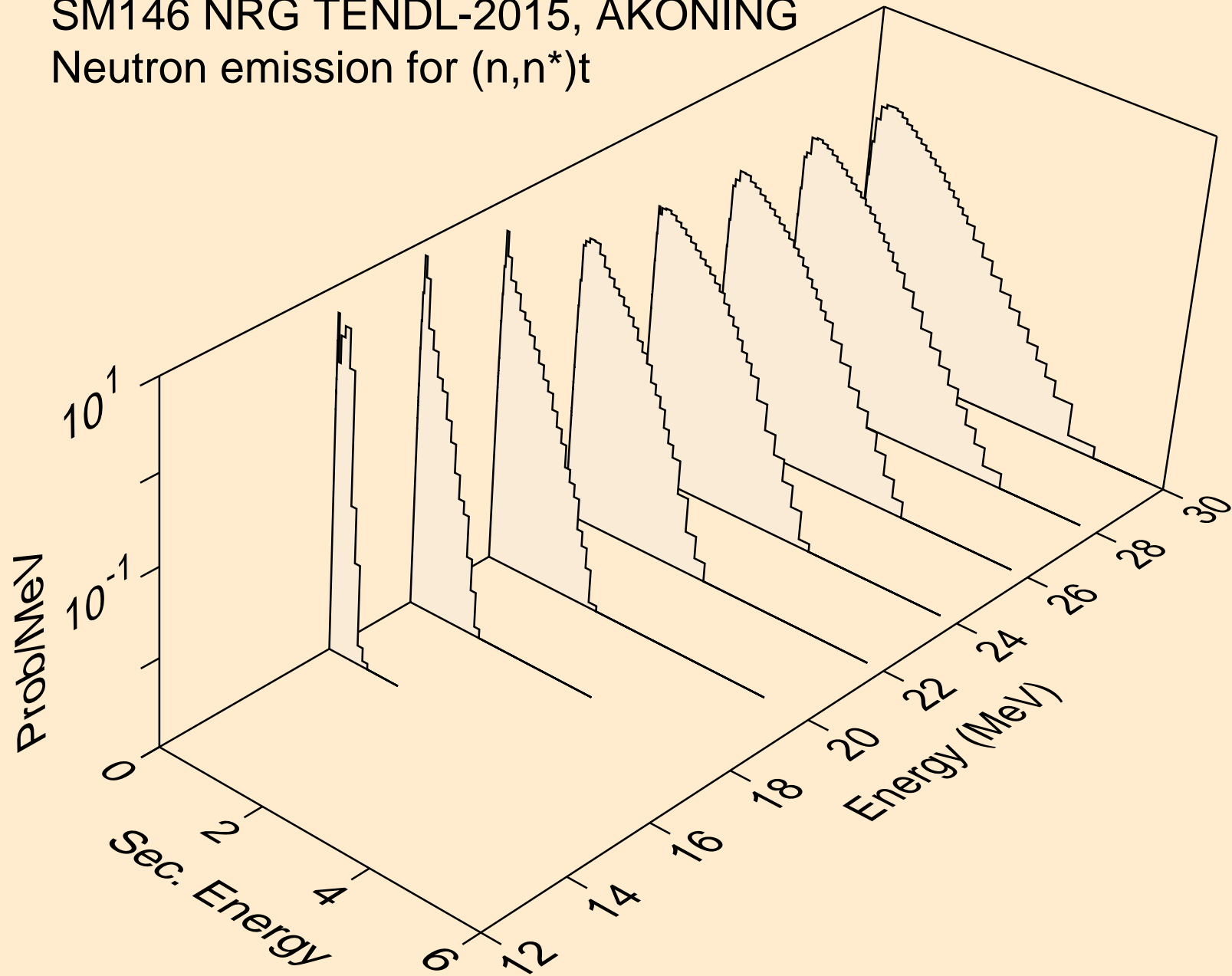




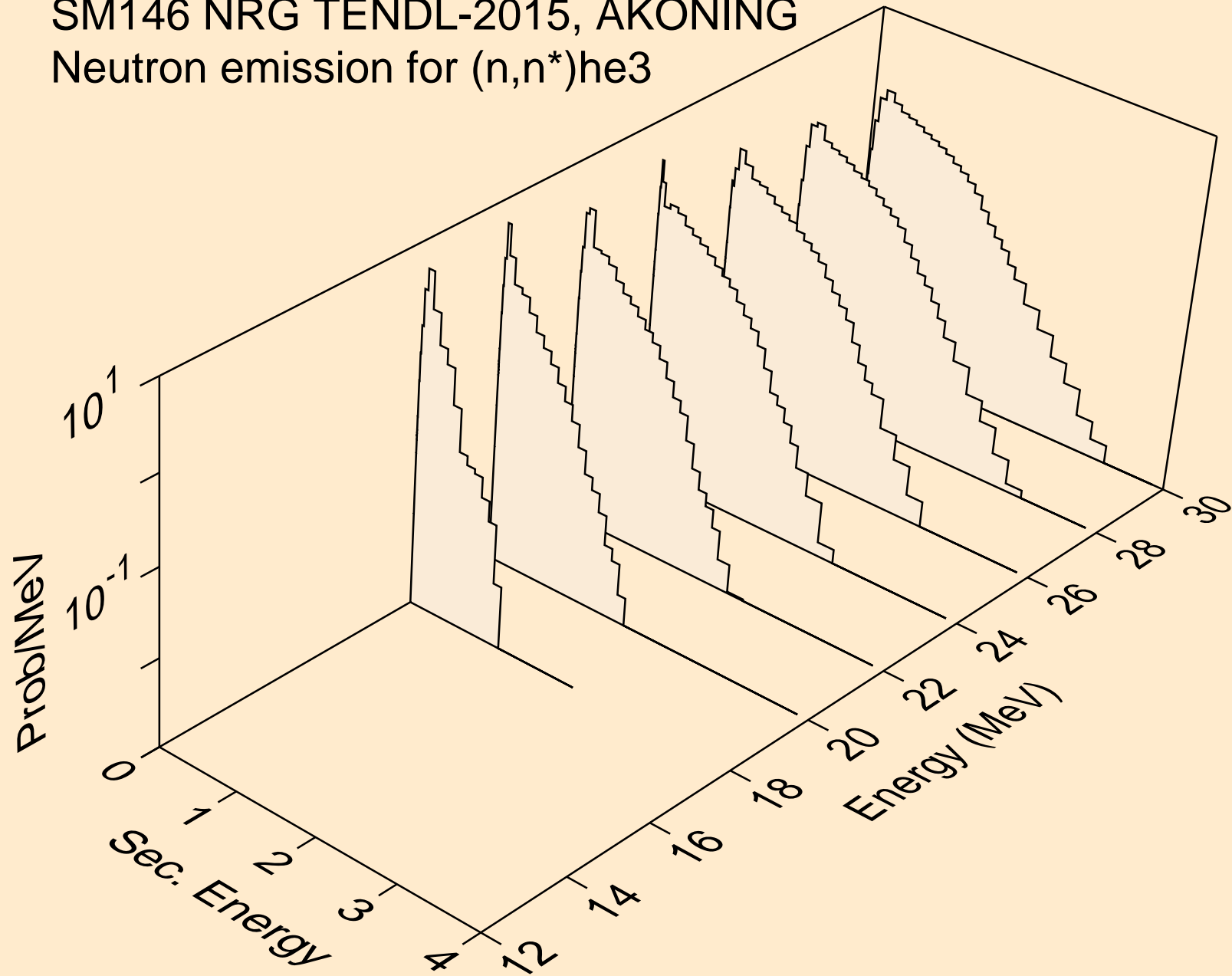
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



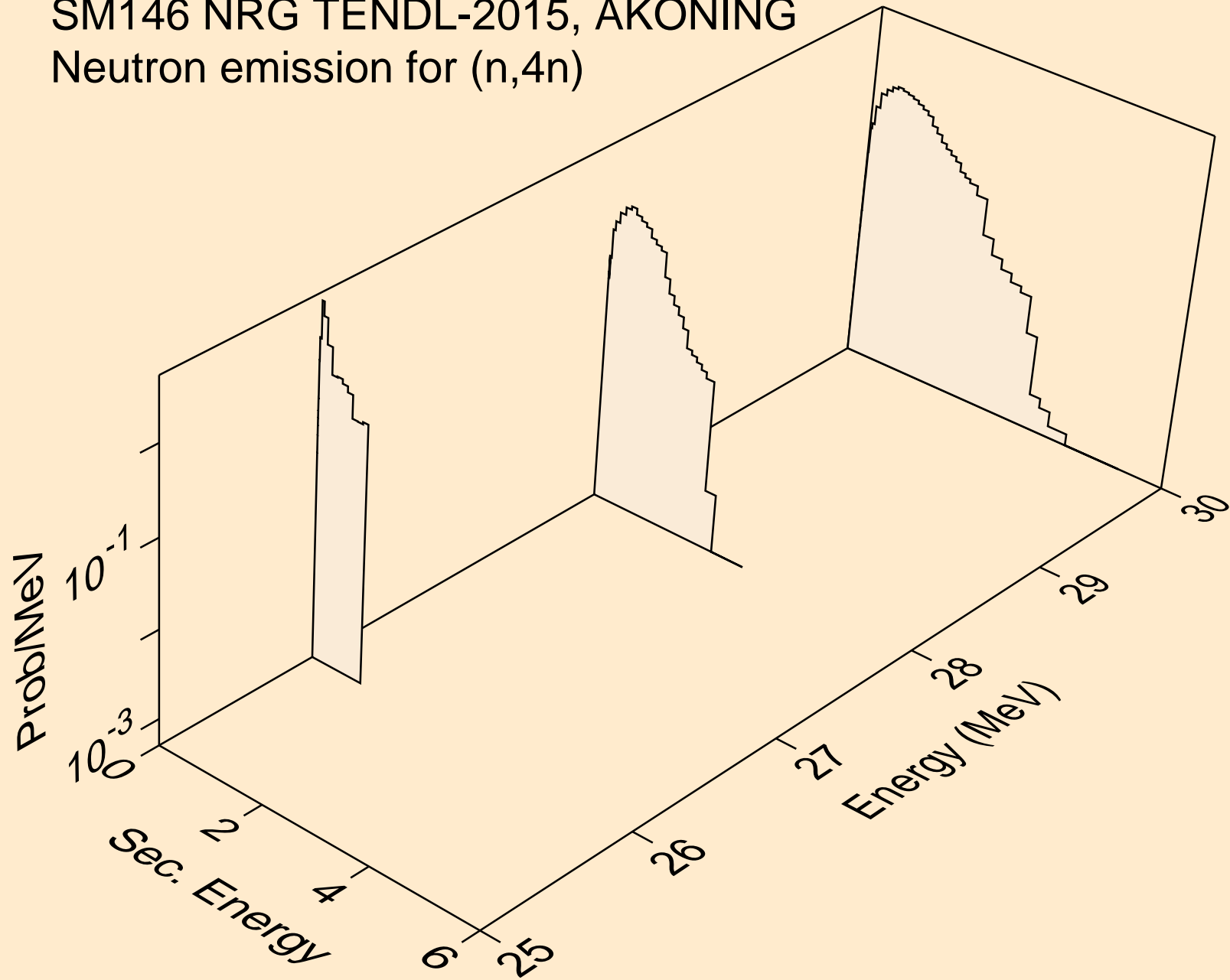
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



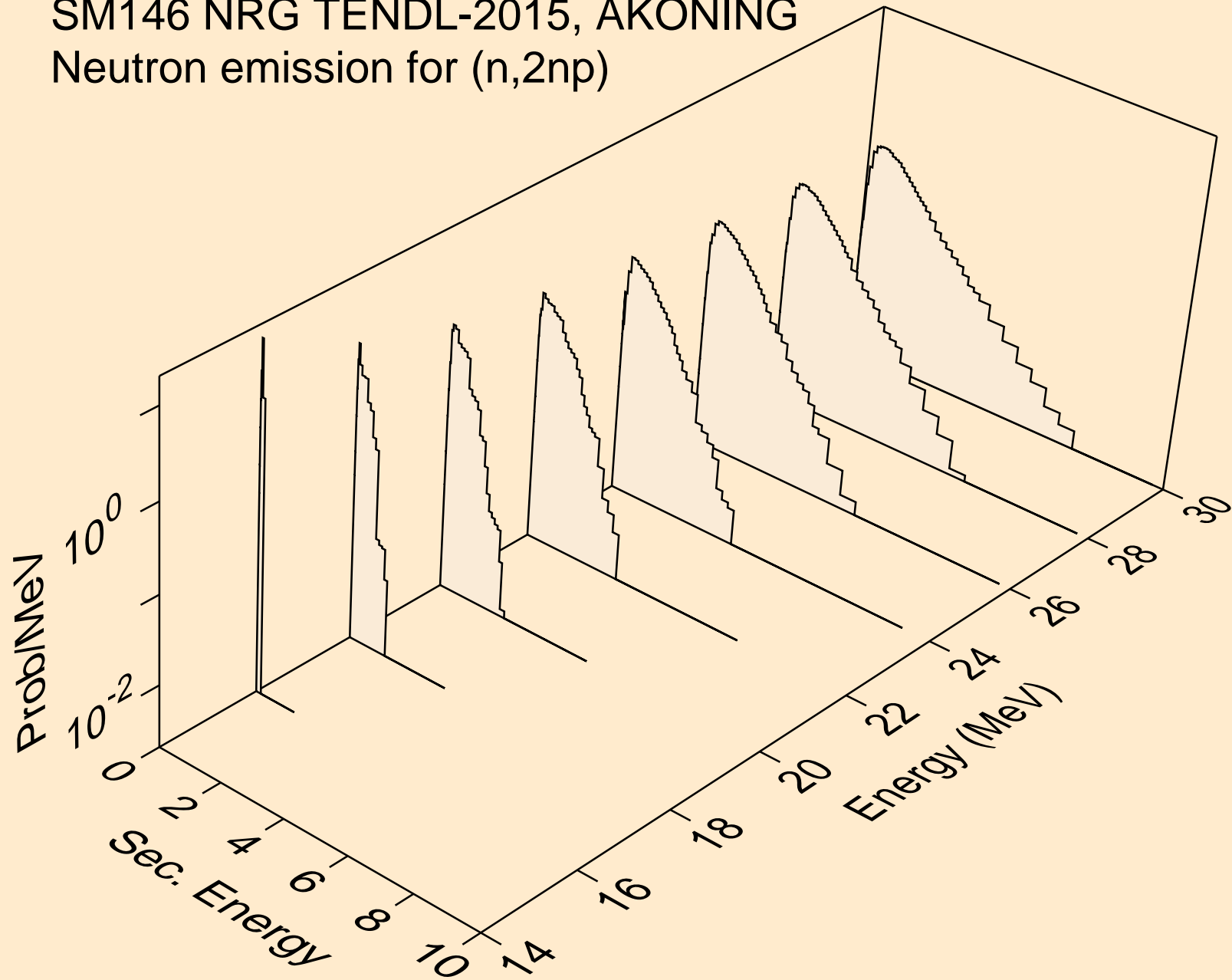
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



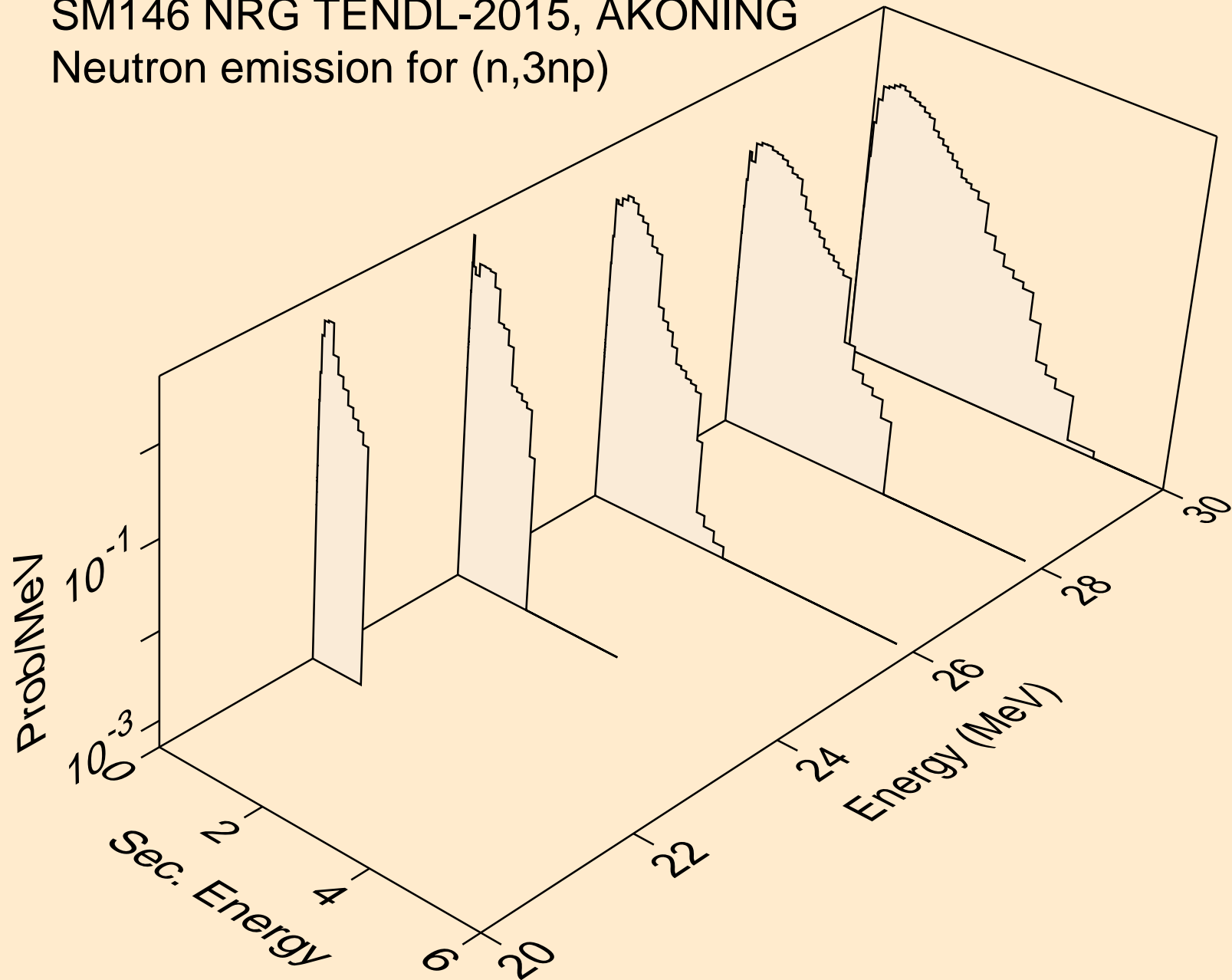
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



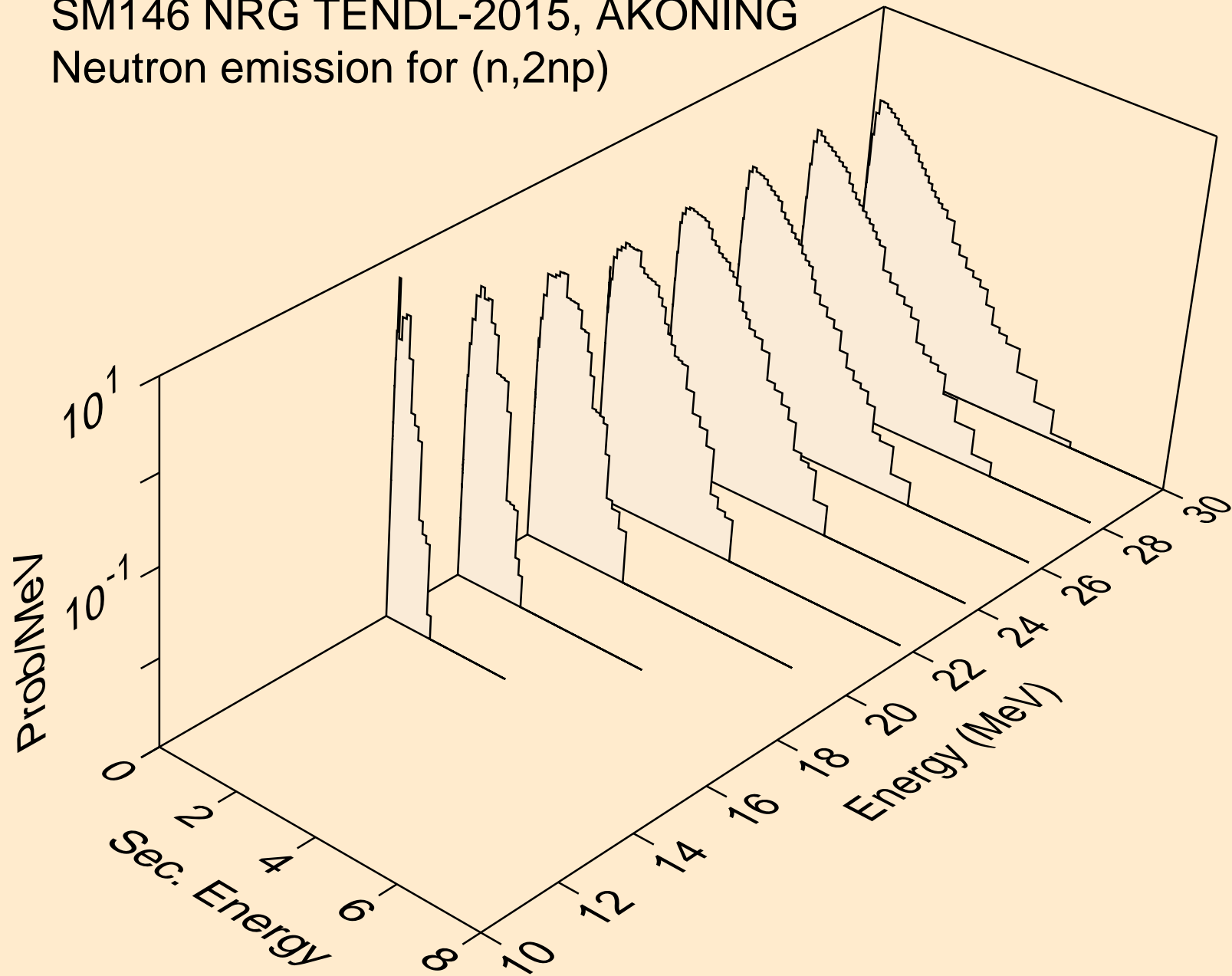
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



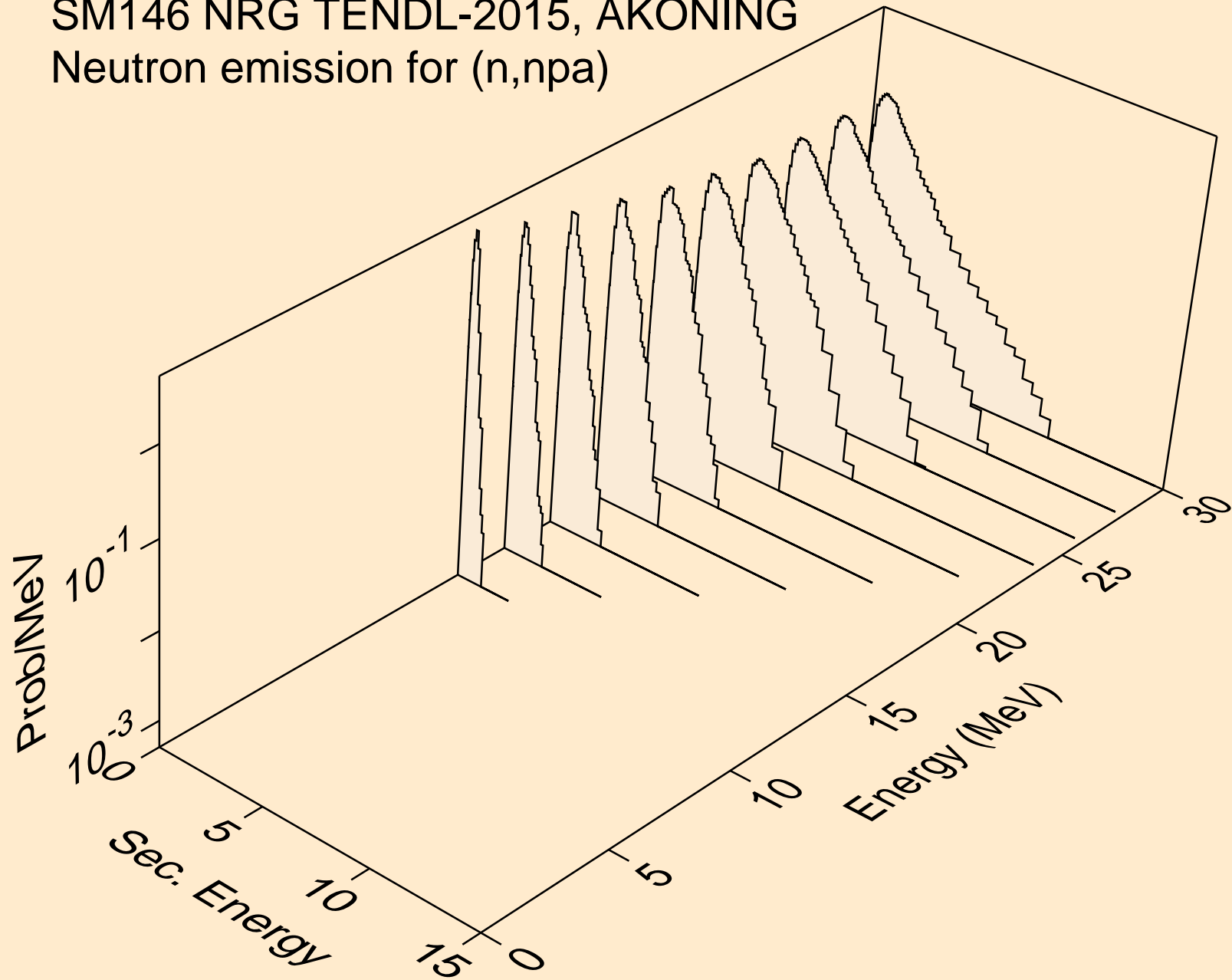
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

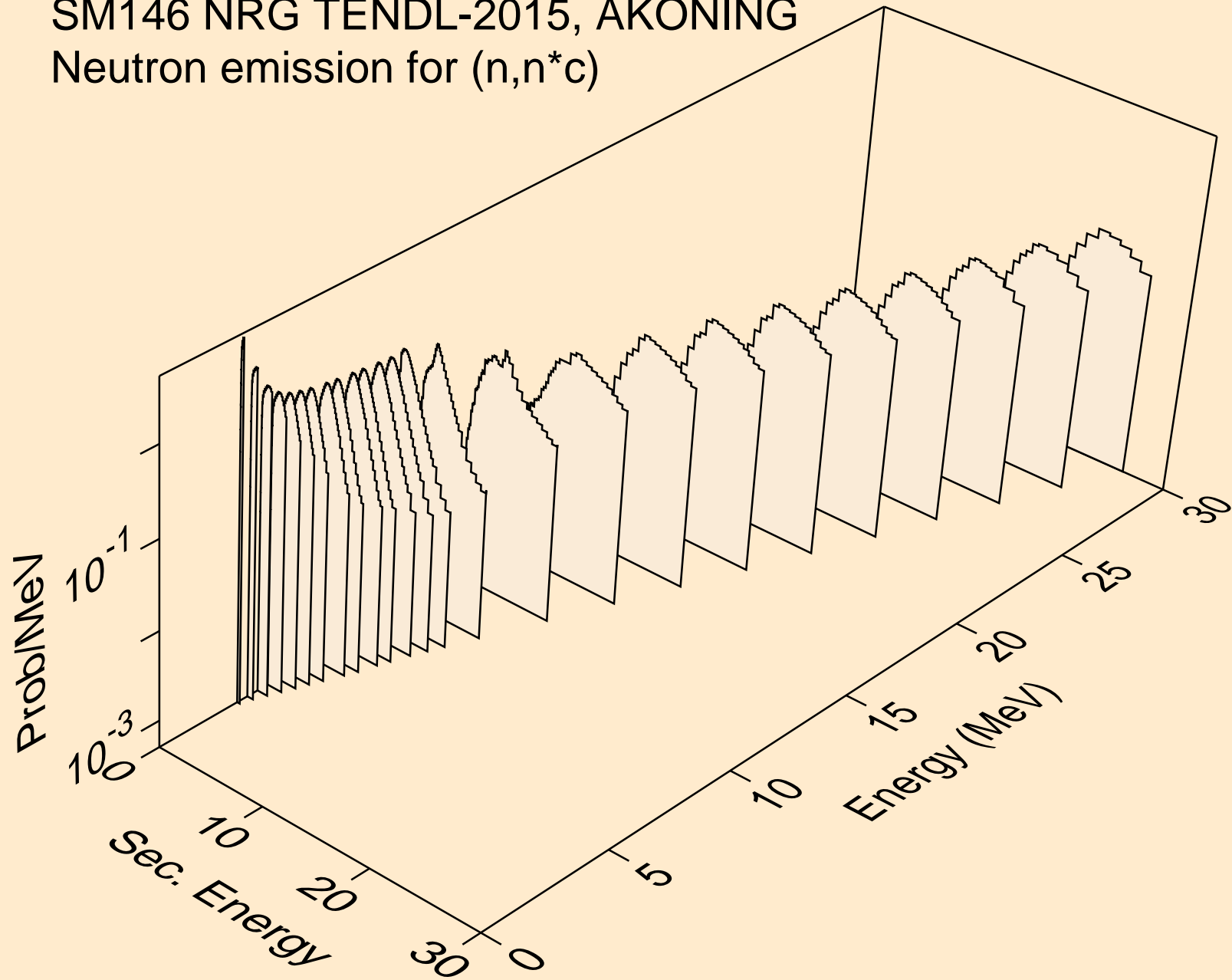


SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

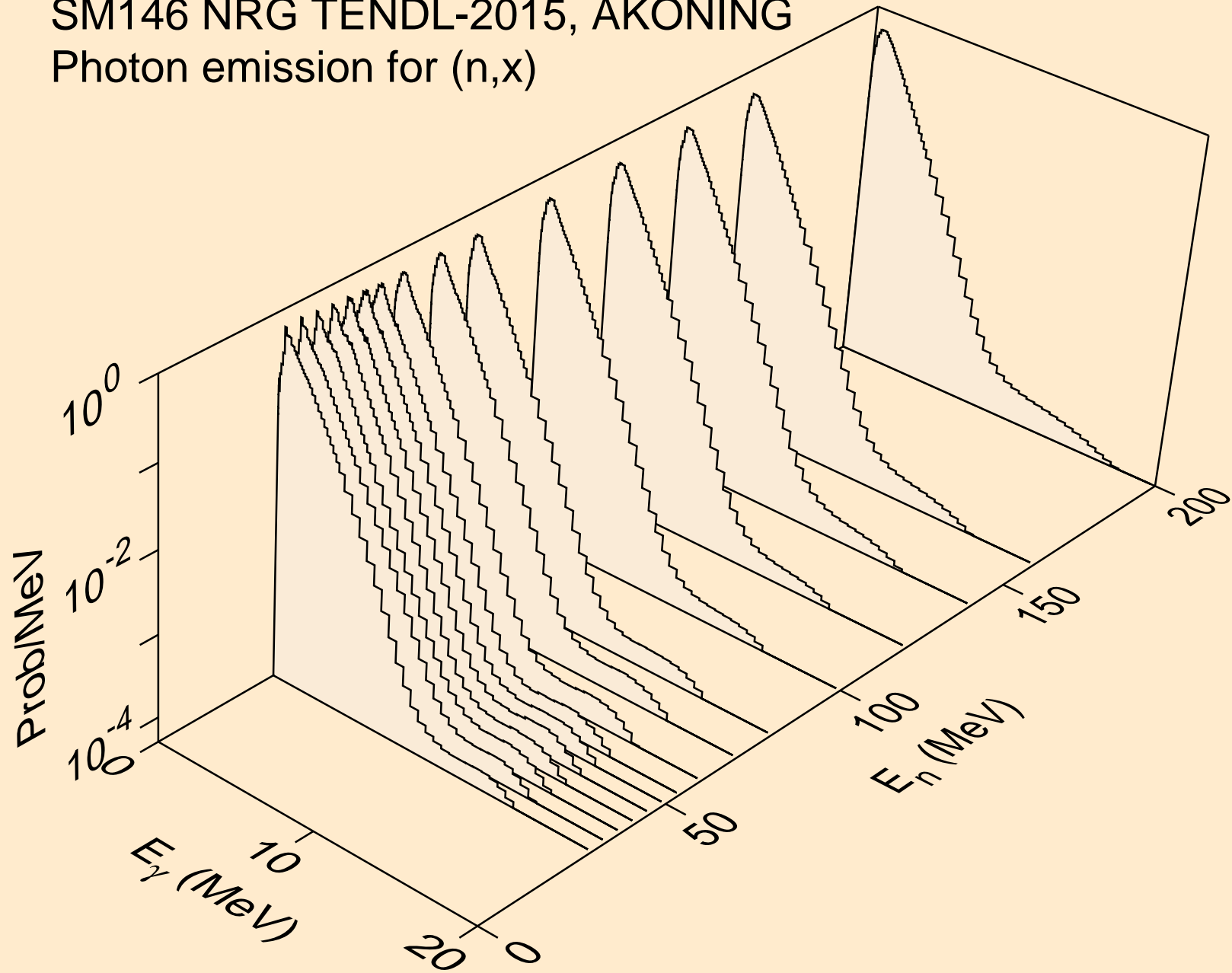




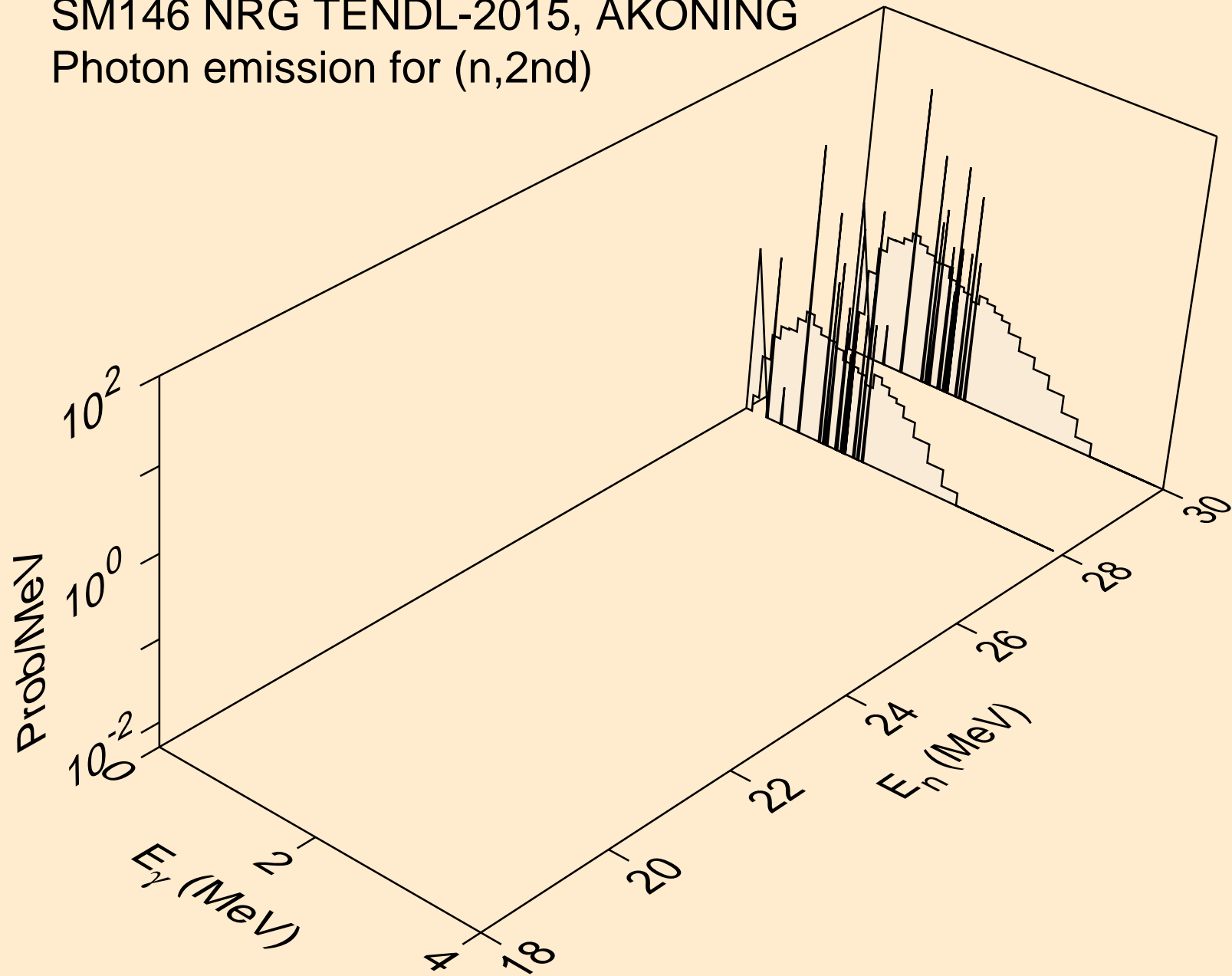
SM146 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



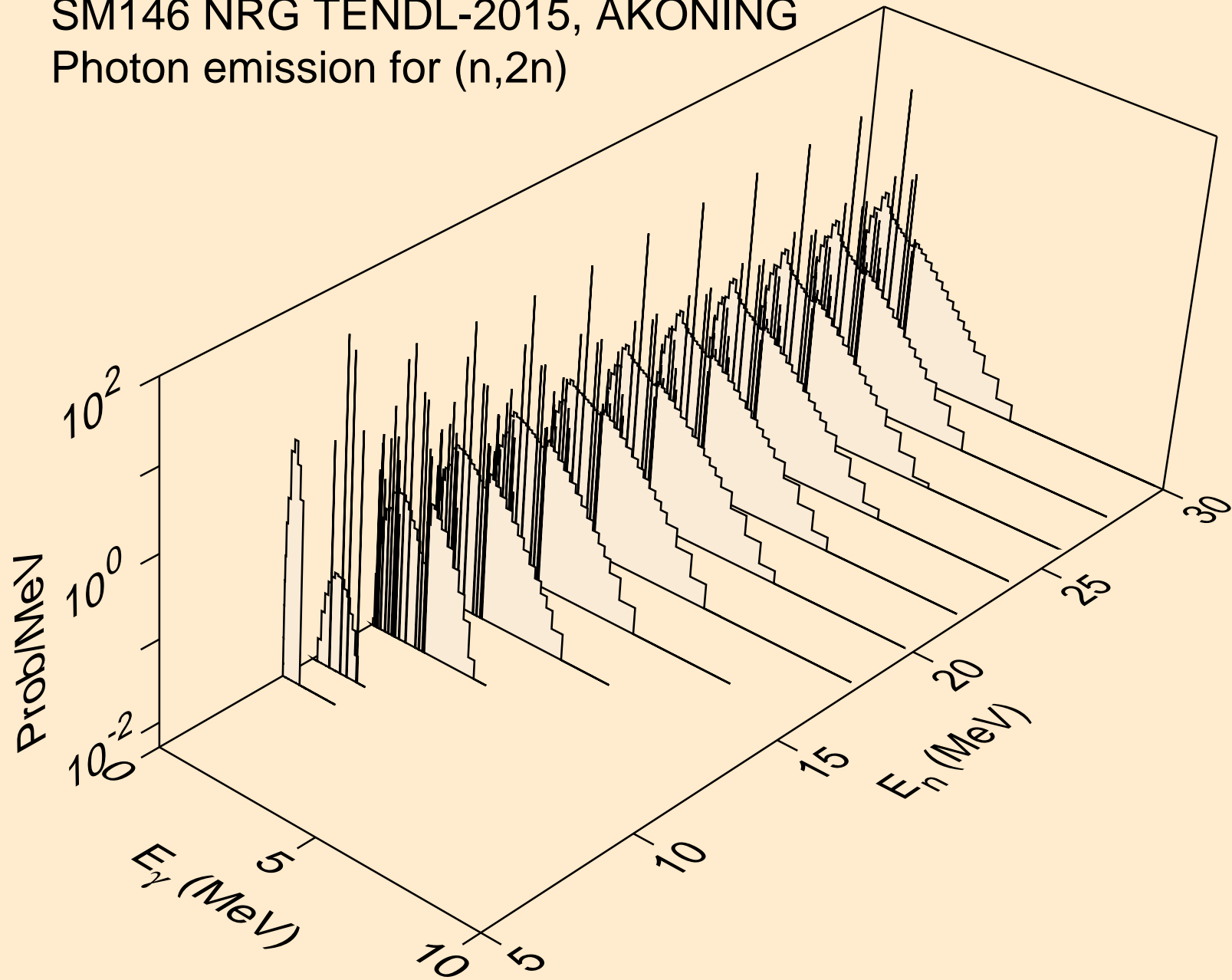
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



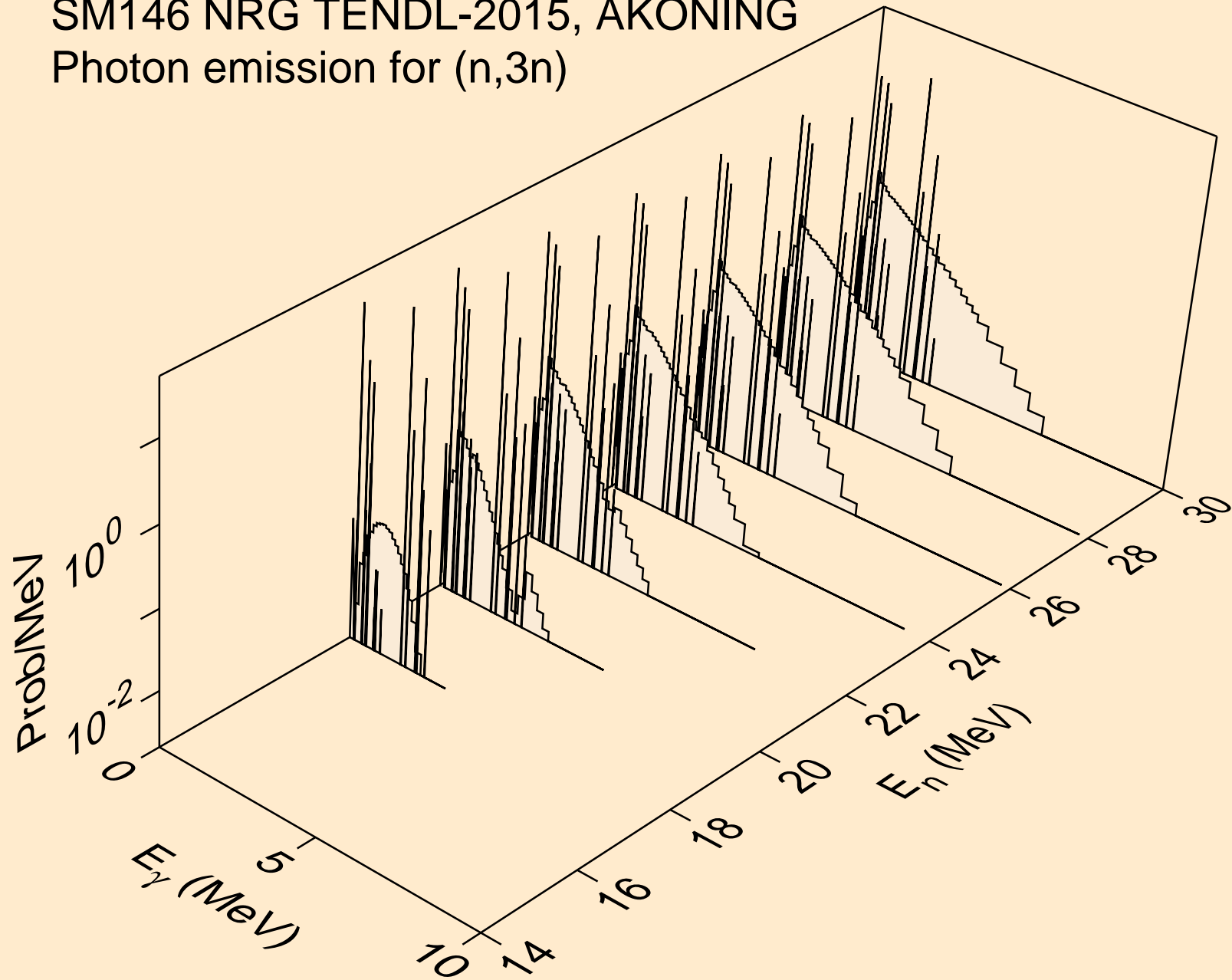
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



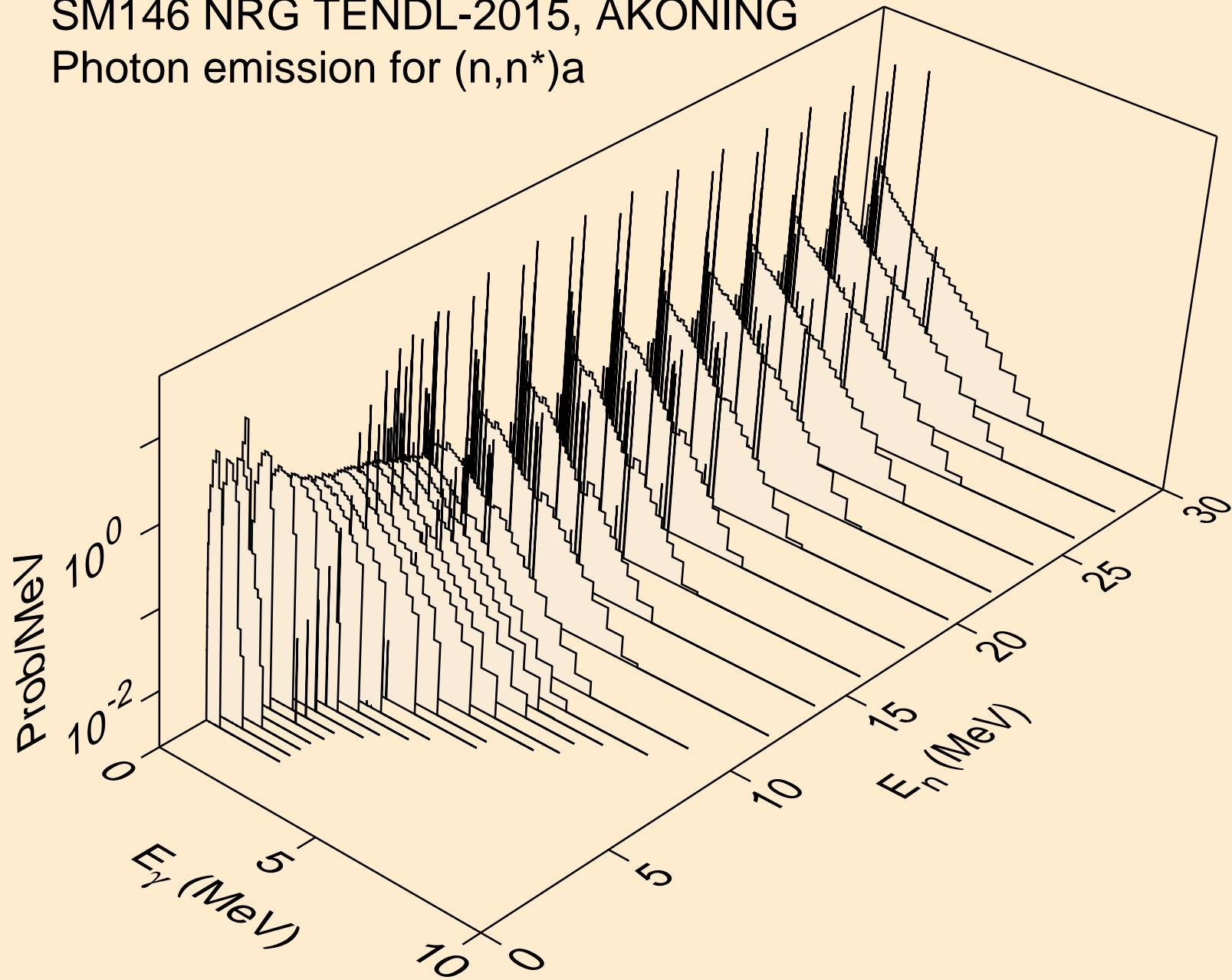
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



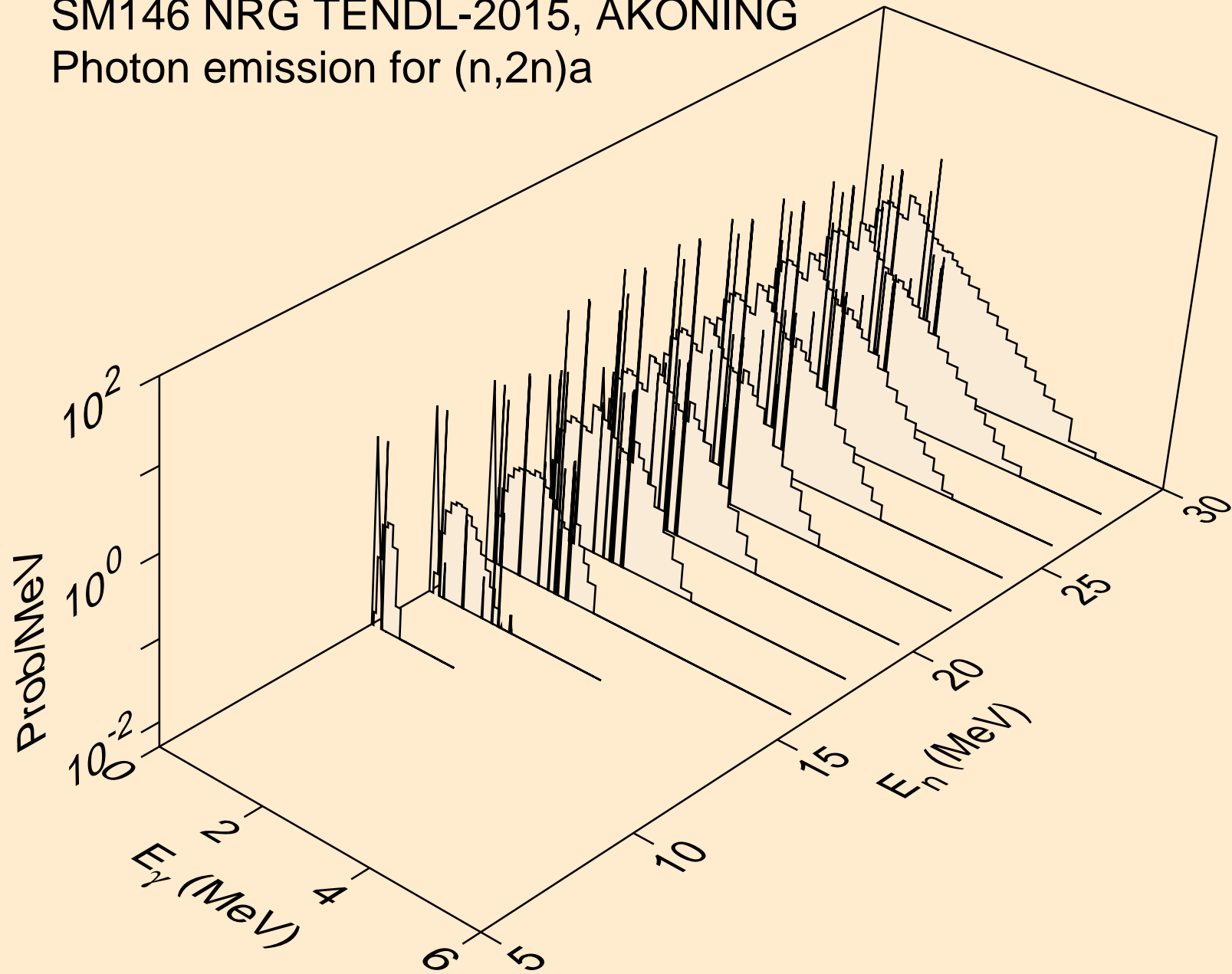
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



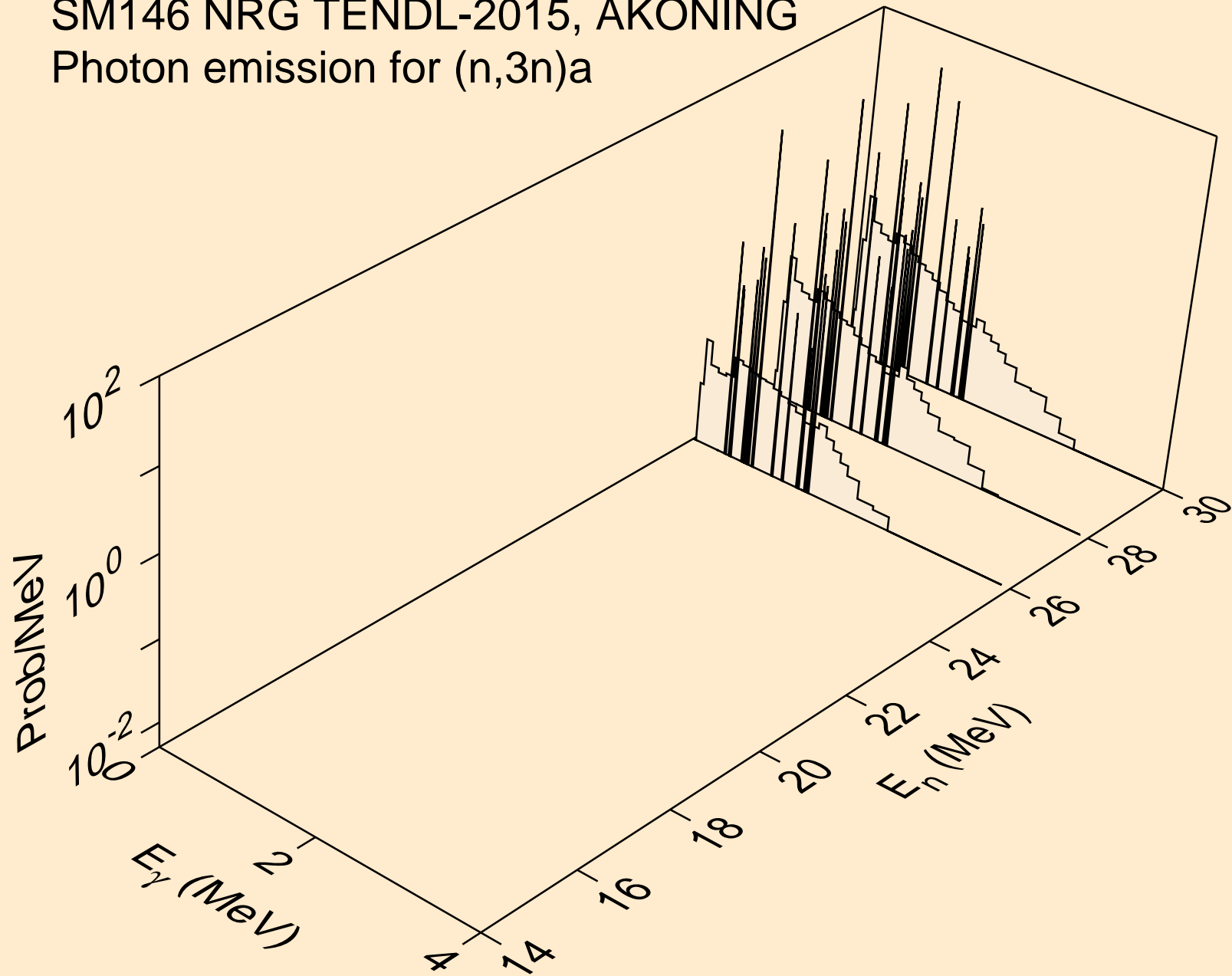
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

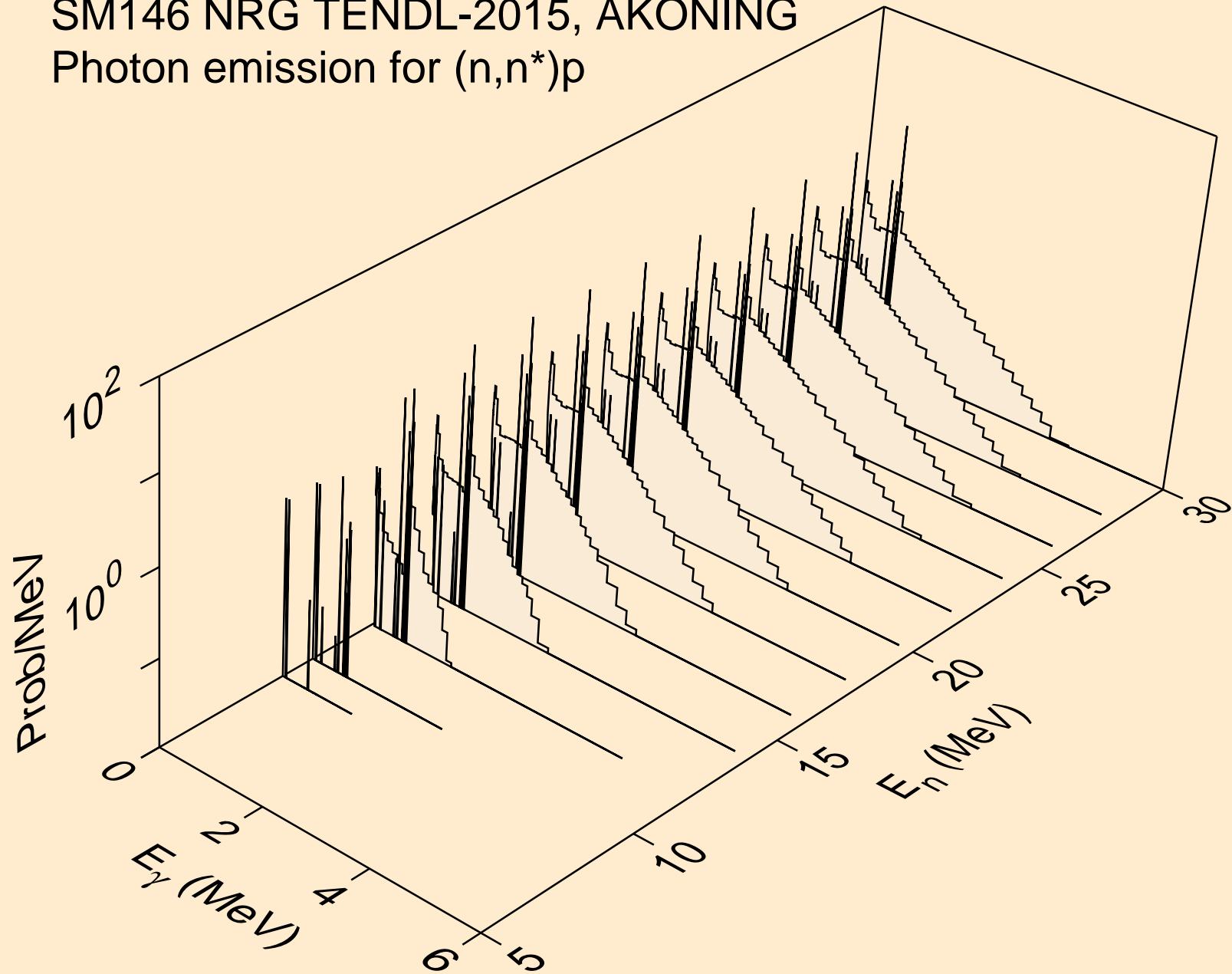


SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

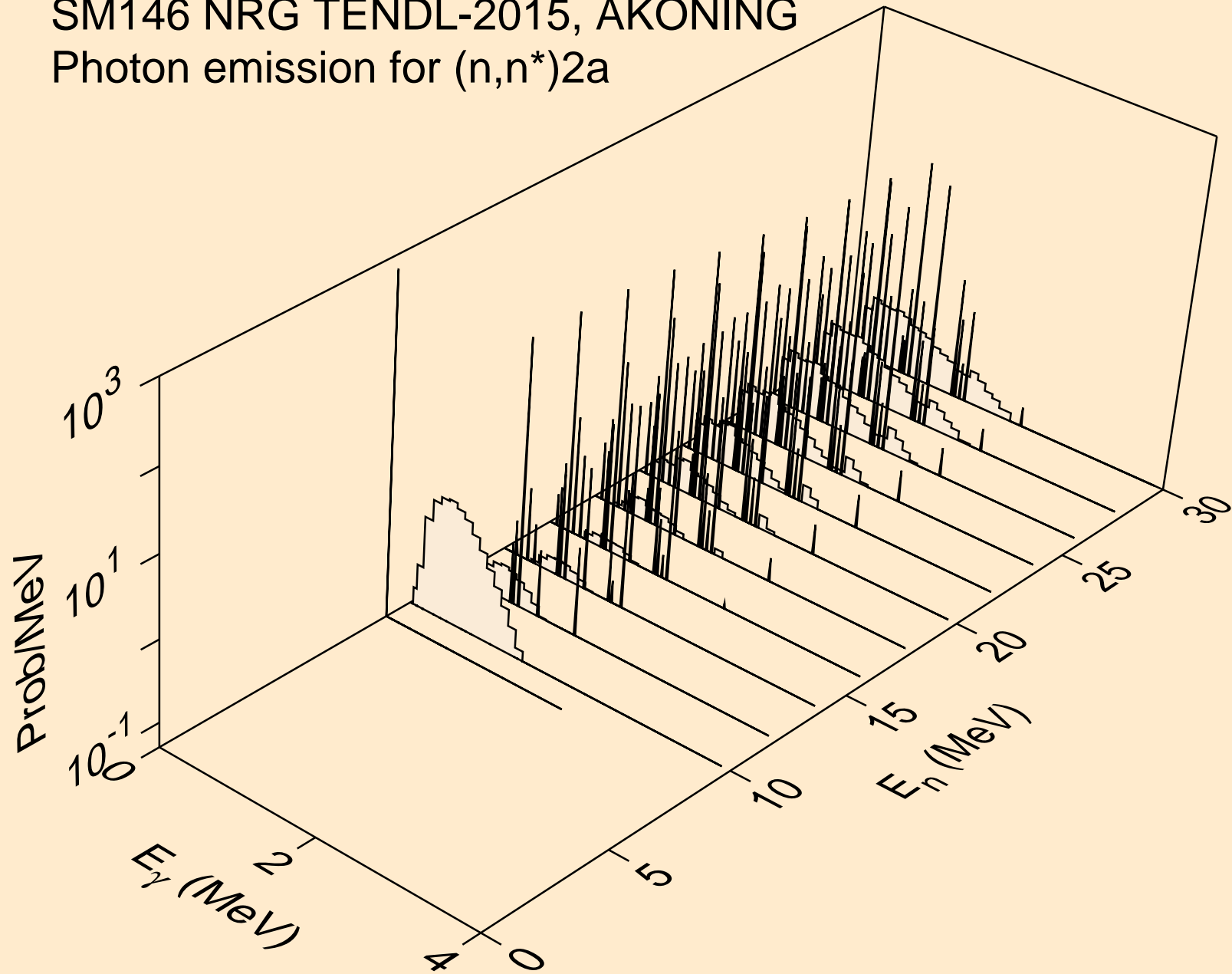




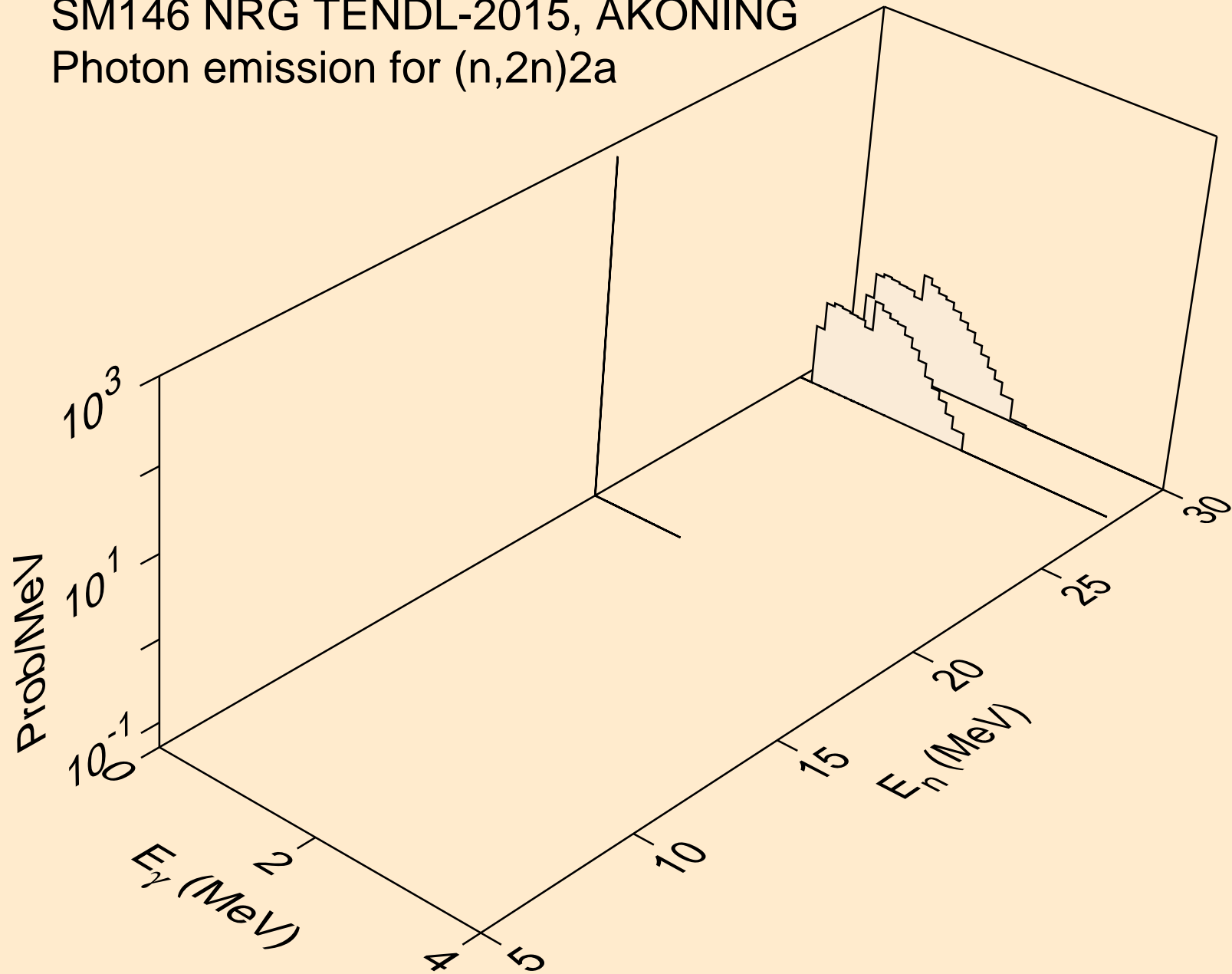
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



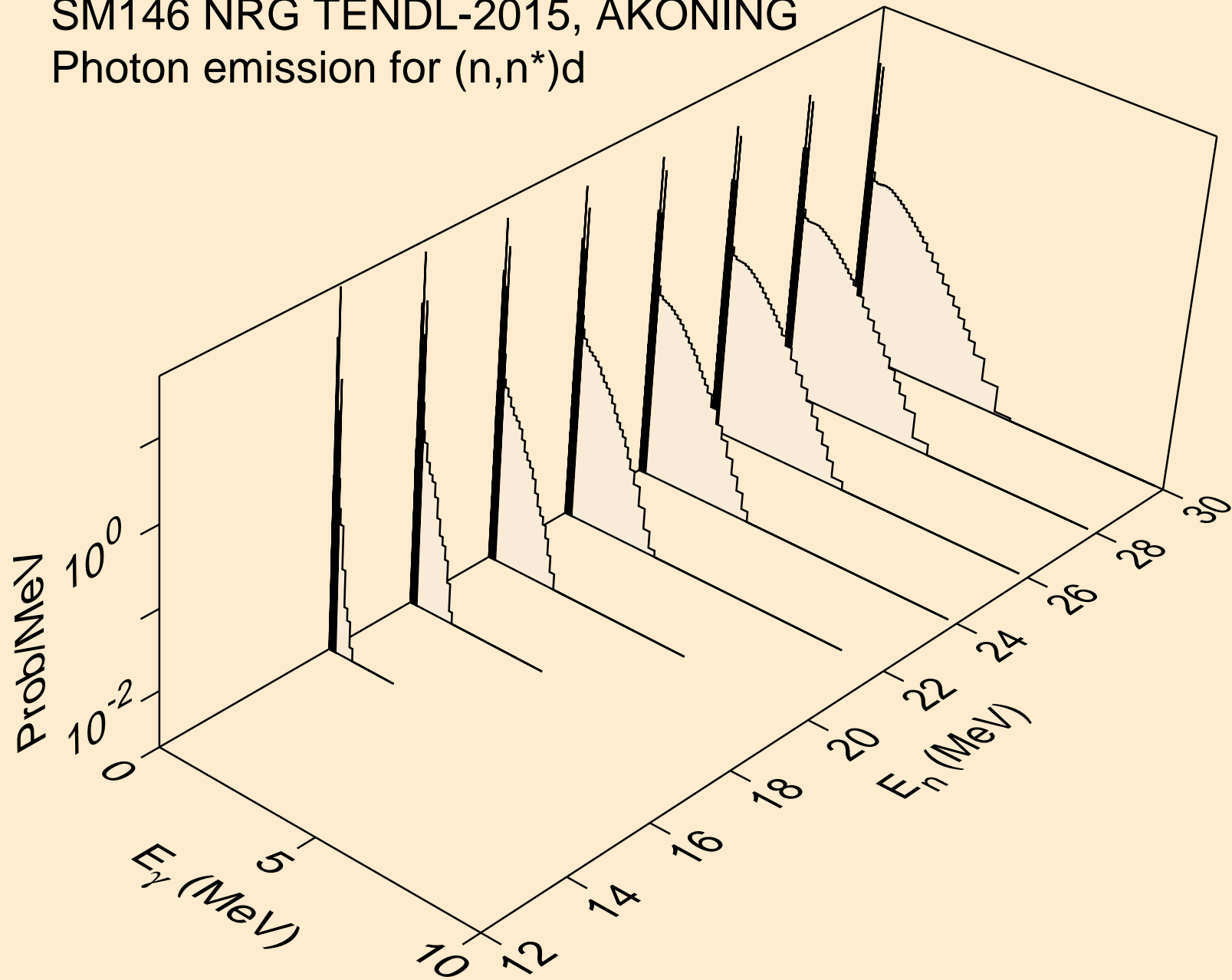
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



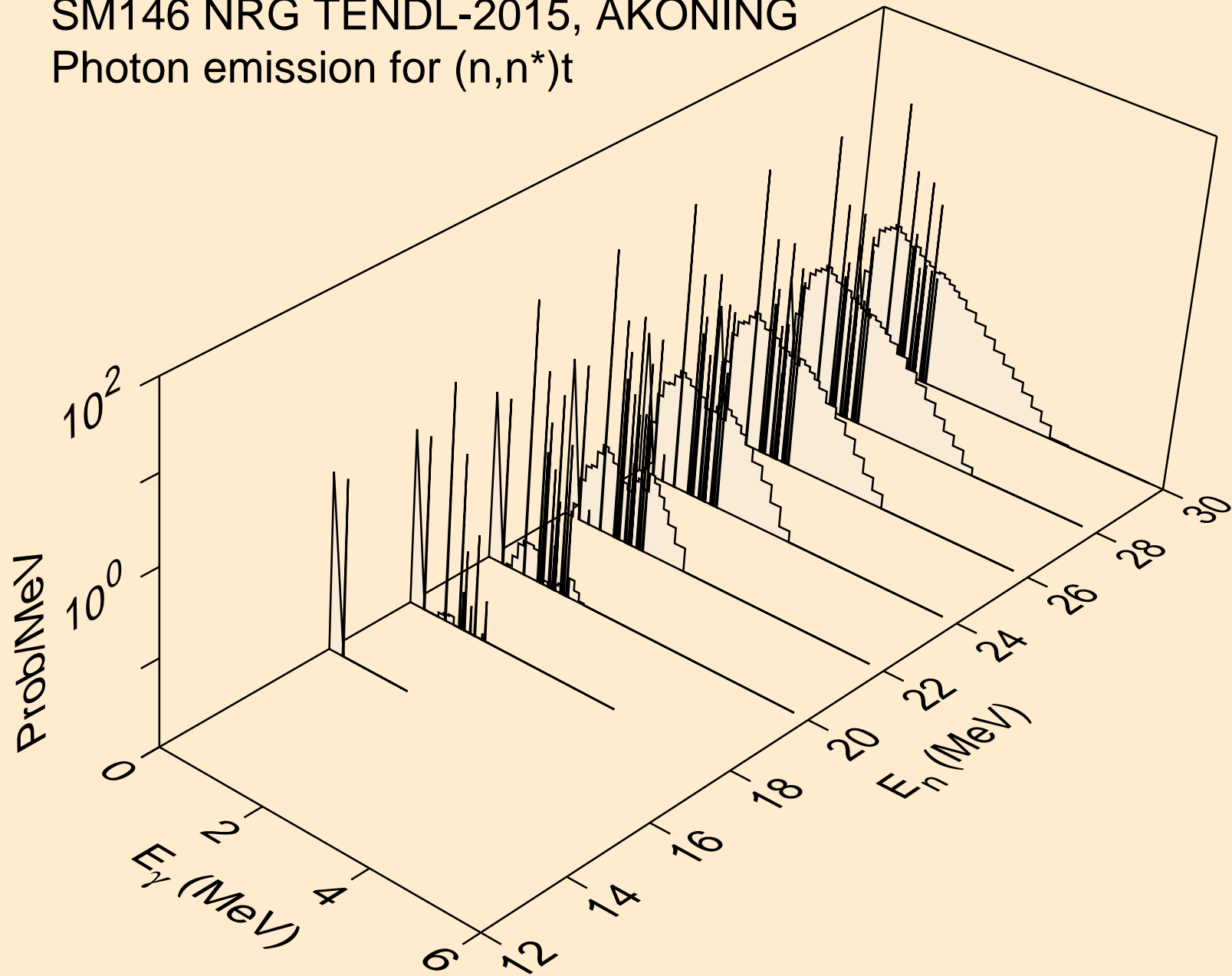
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



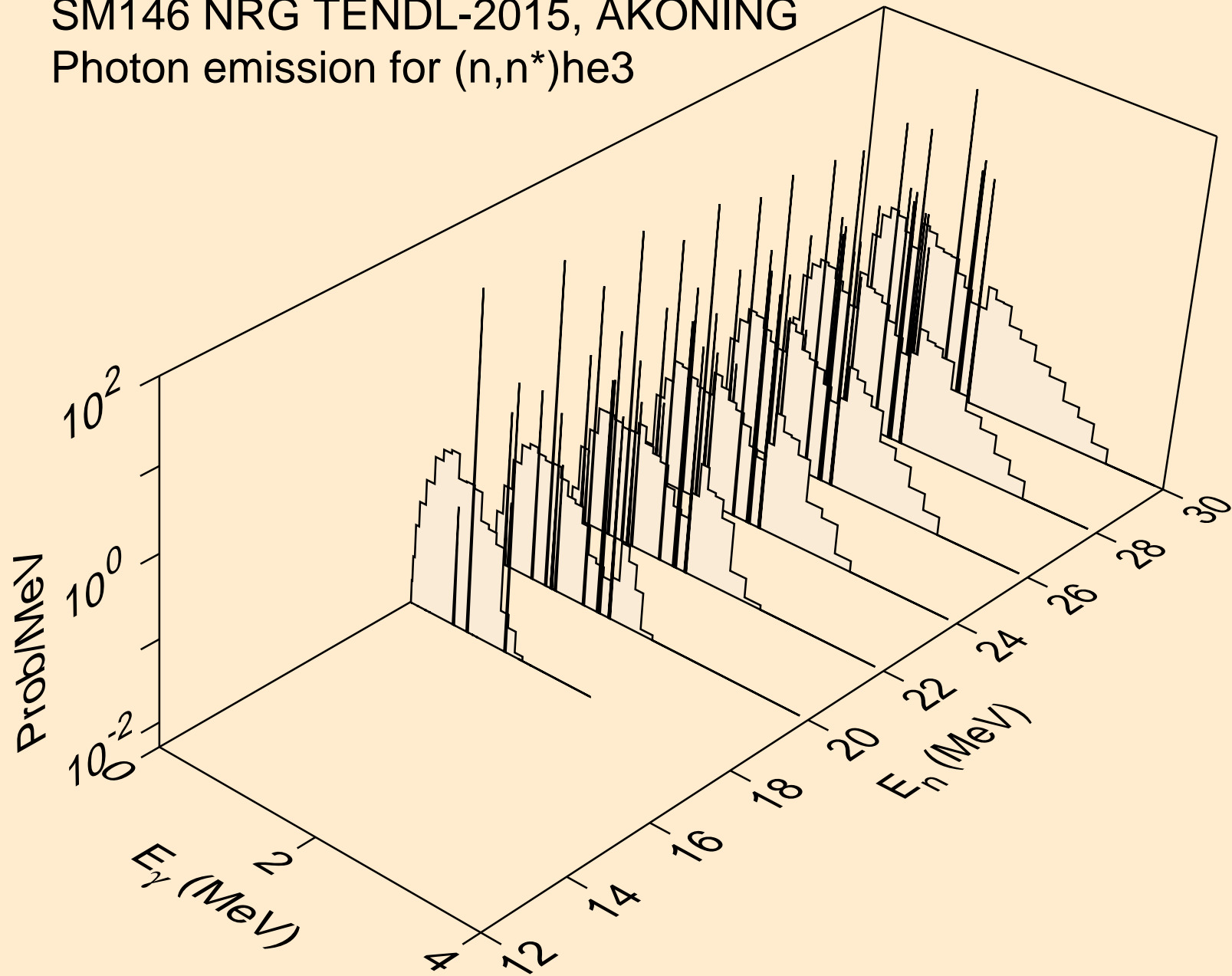
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



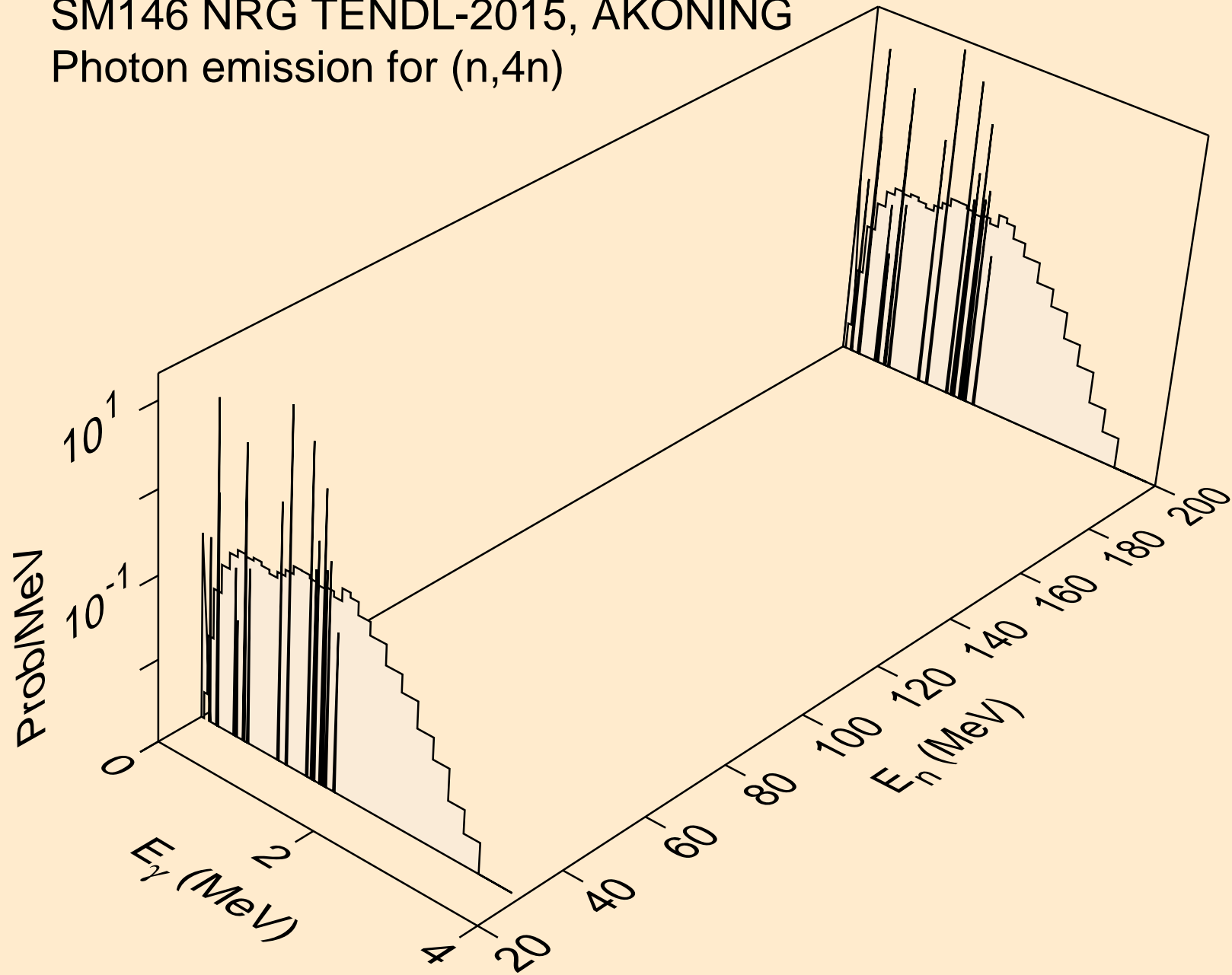
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



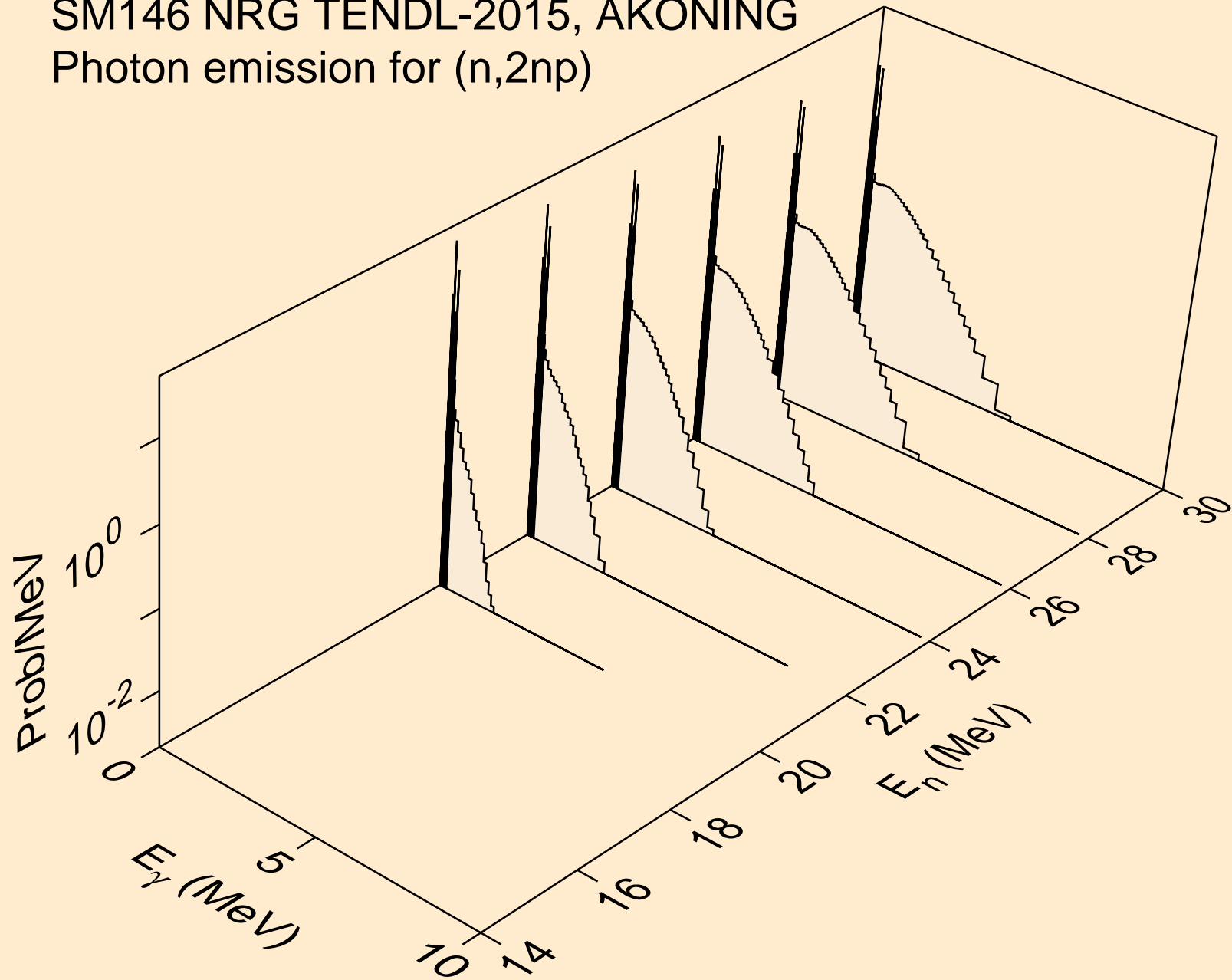
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

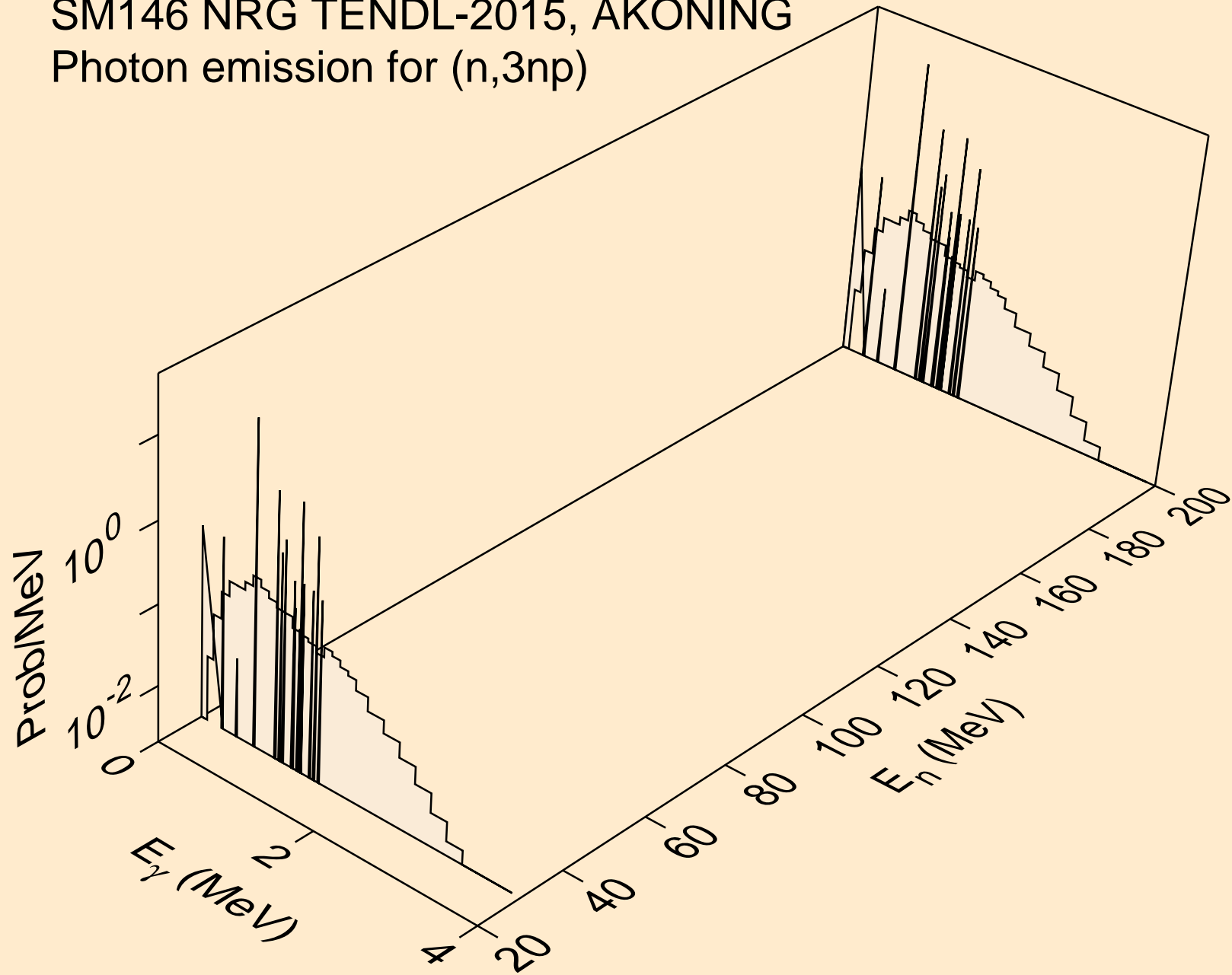


SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

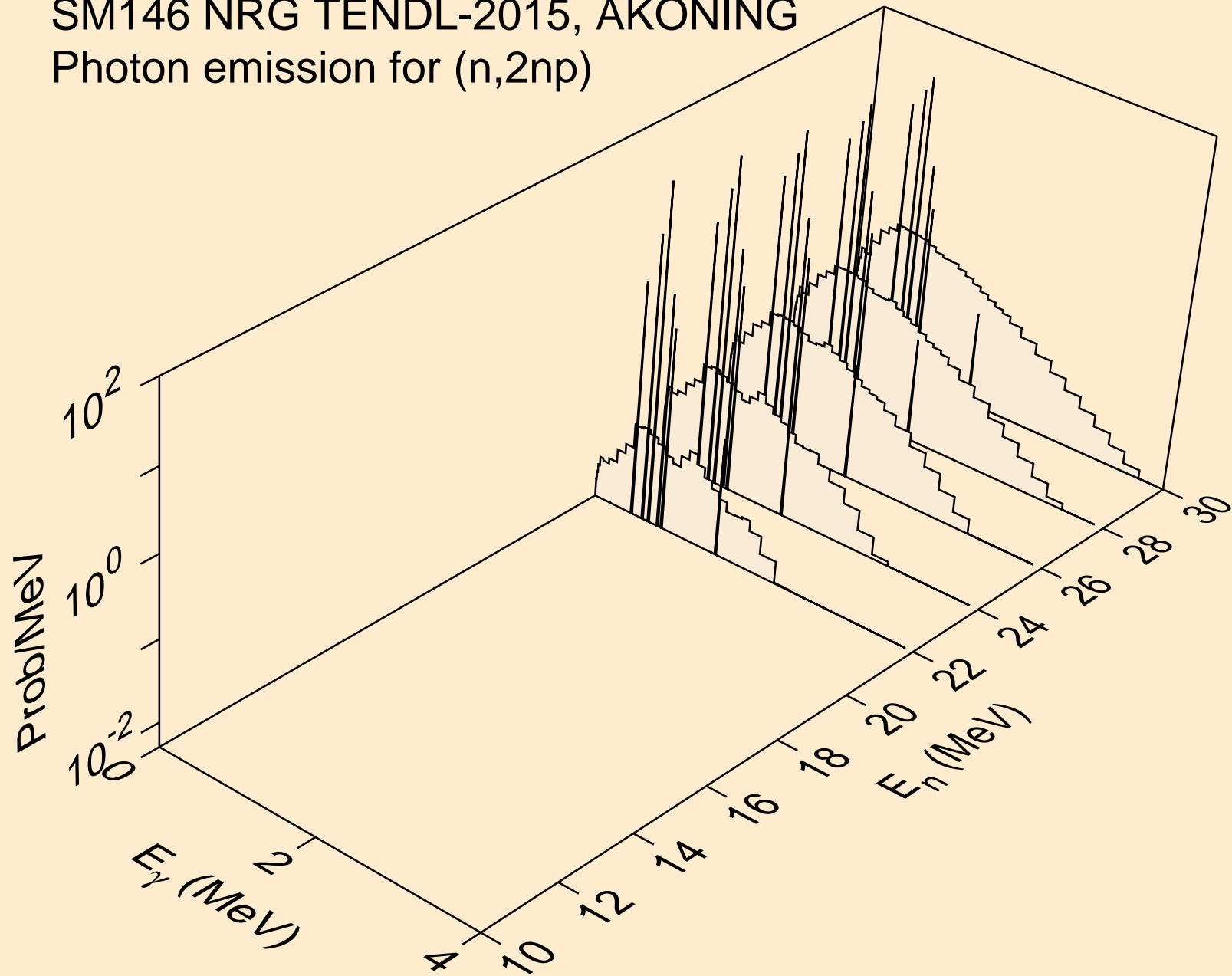




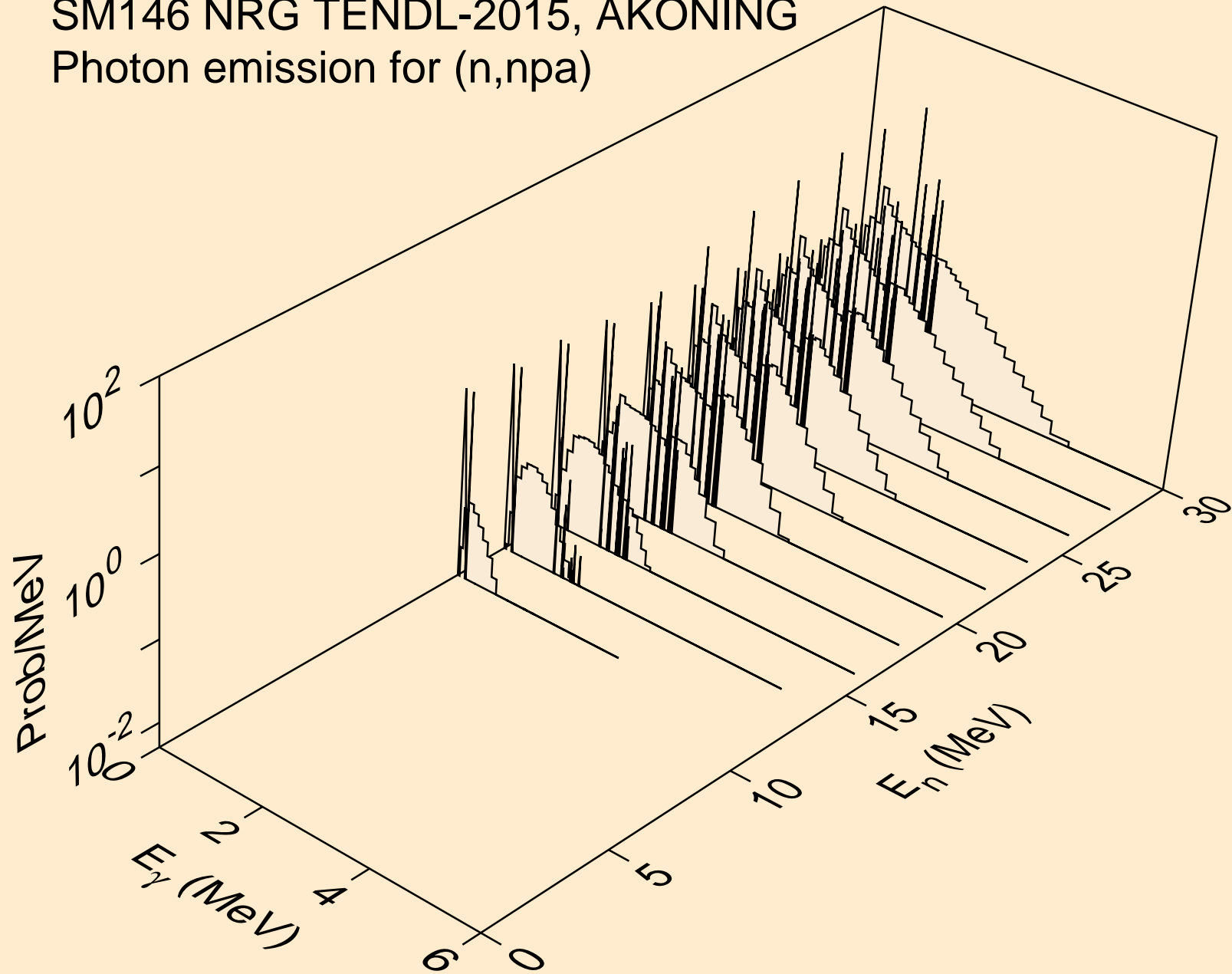
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



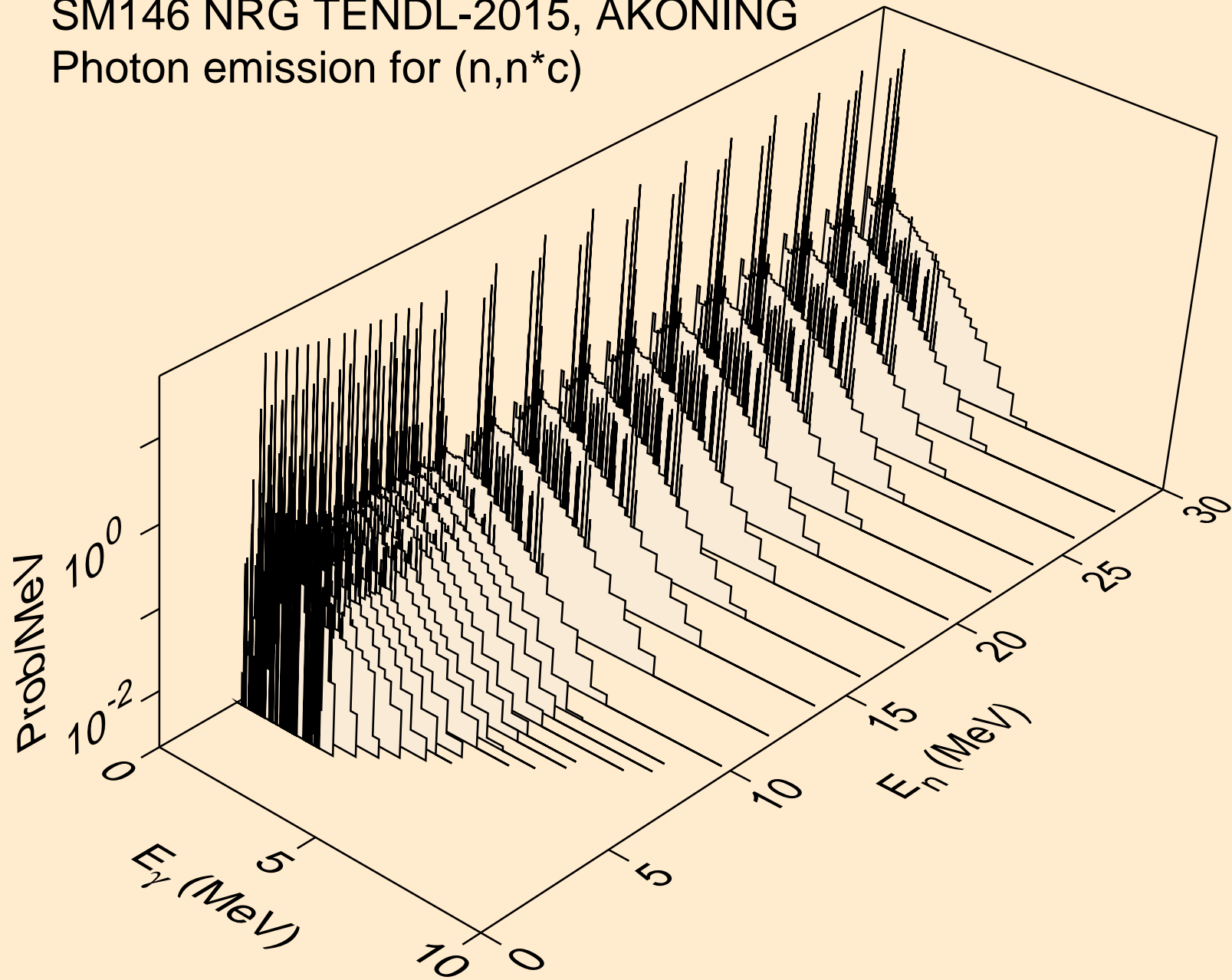
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



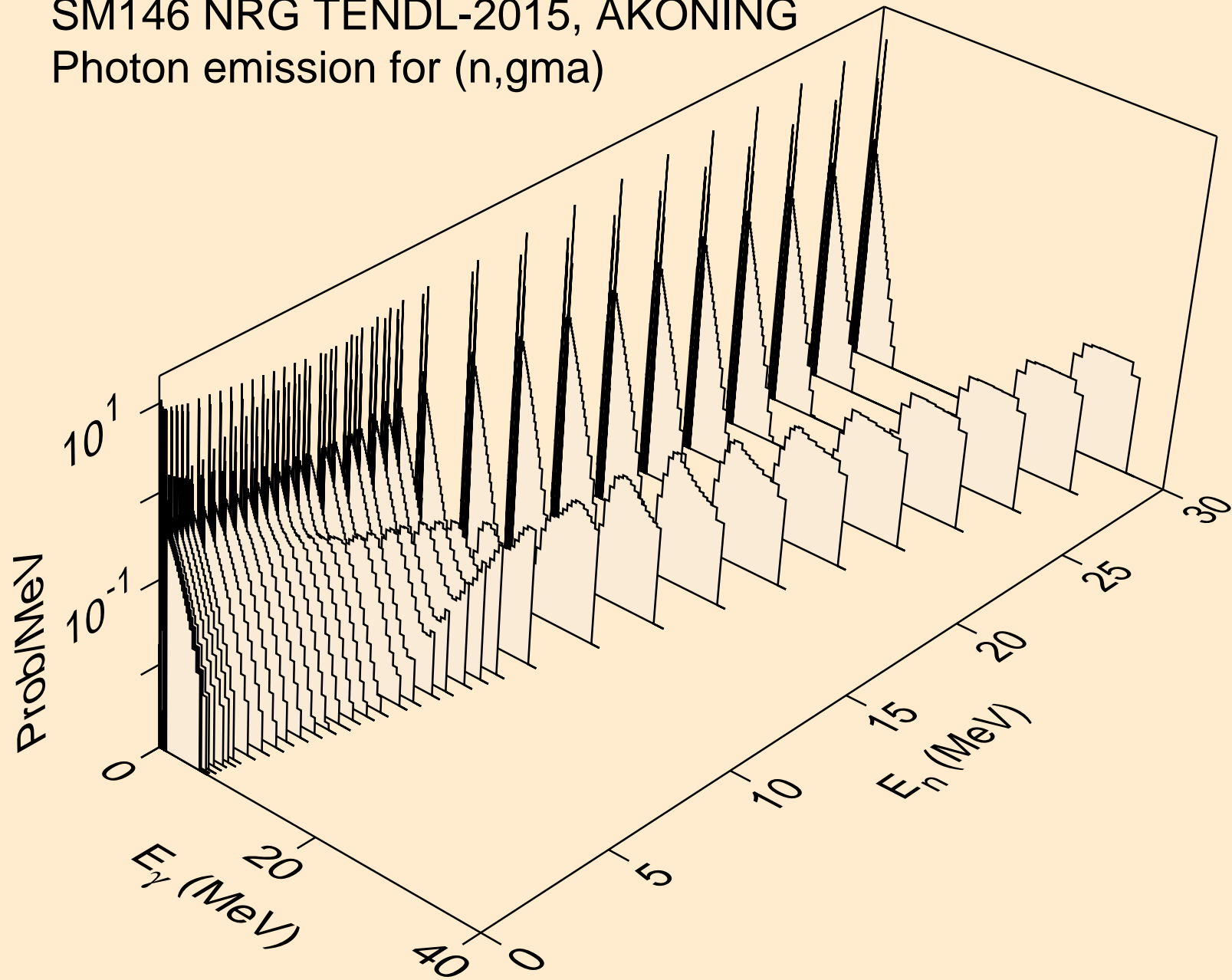
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



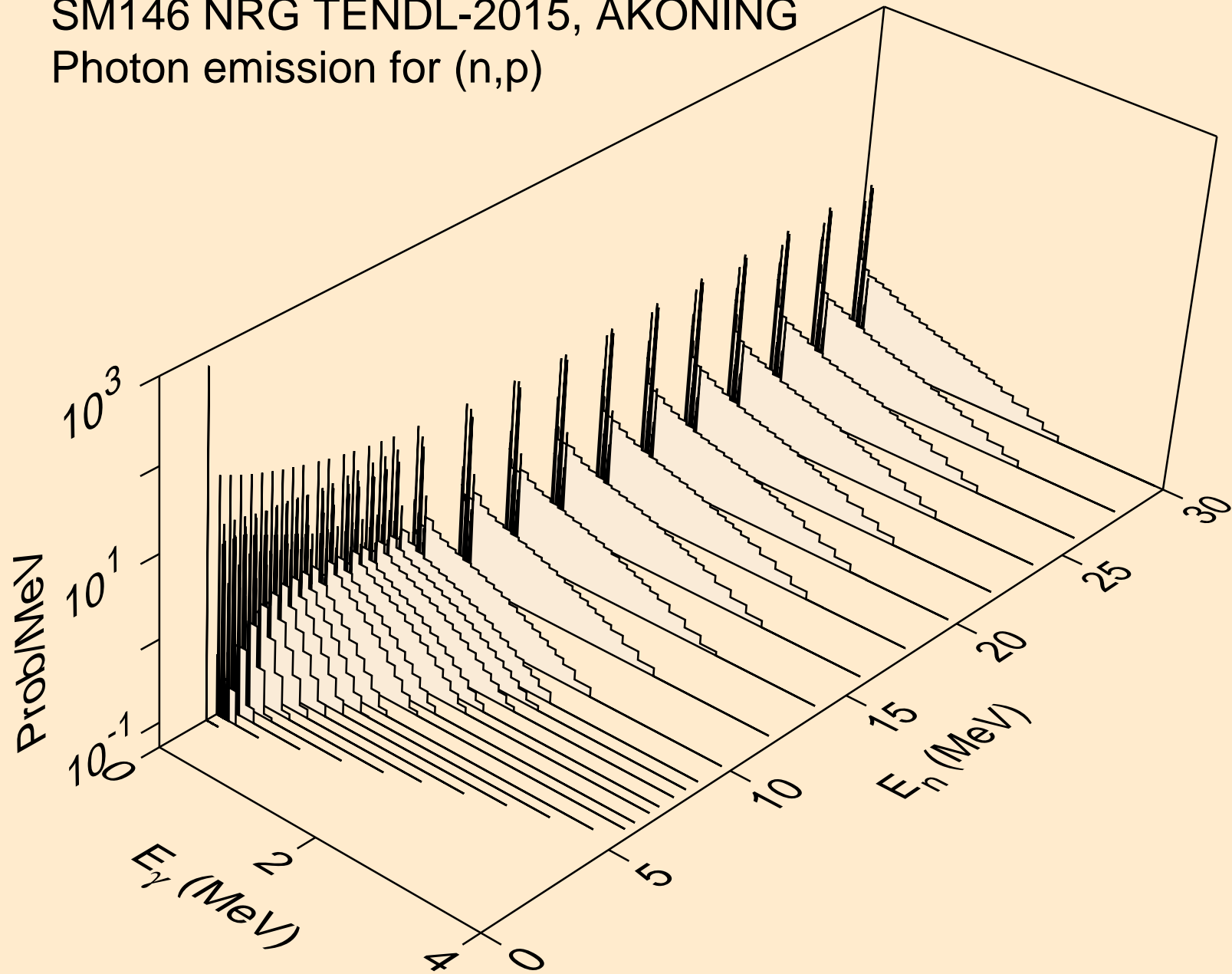
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



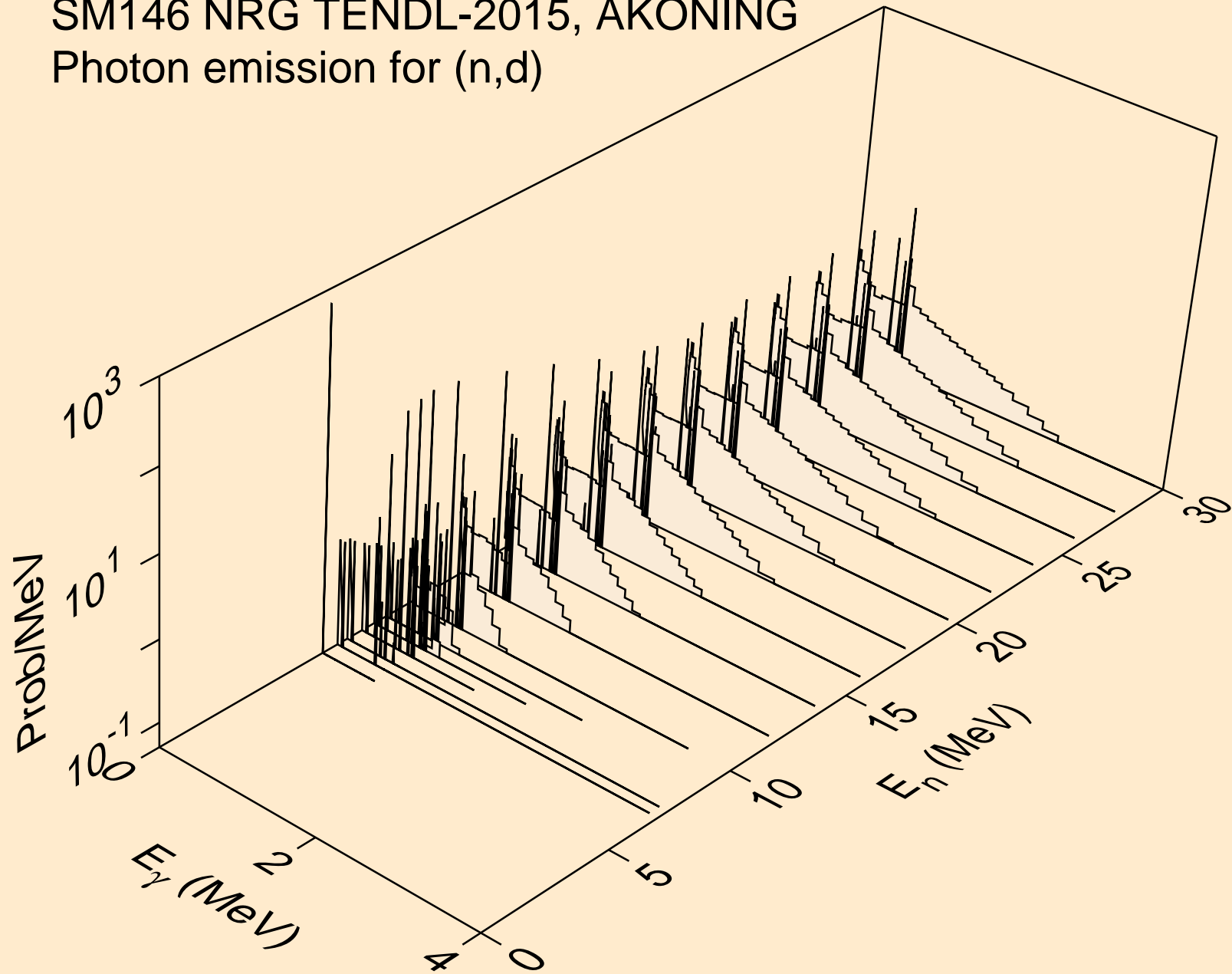
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



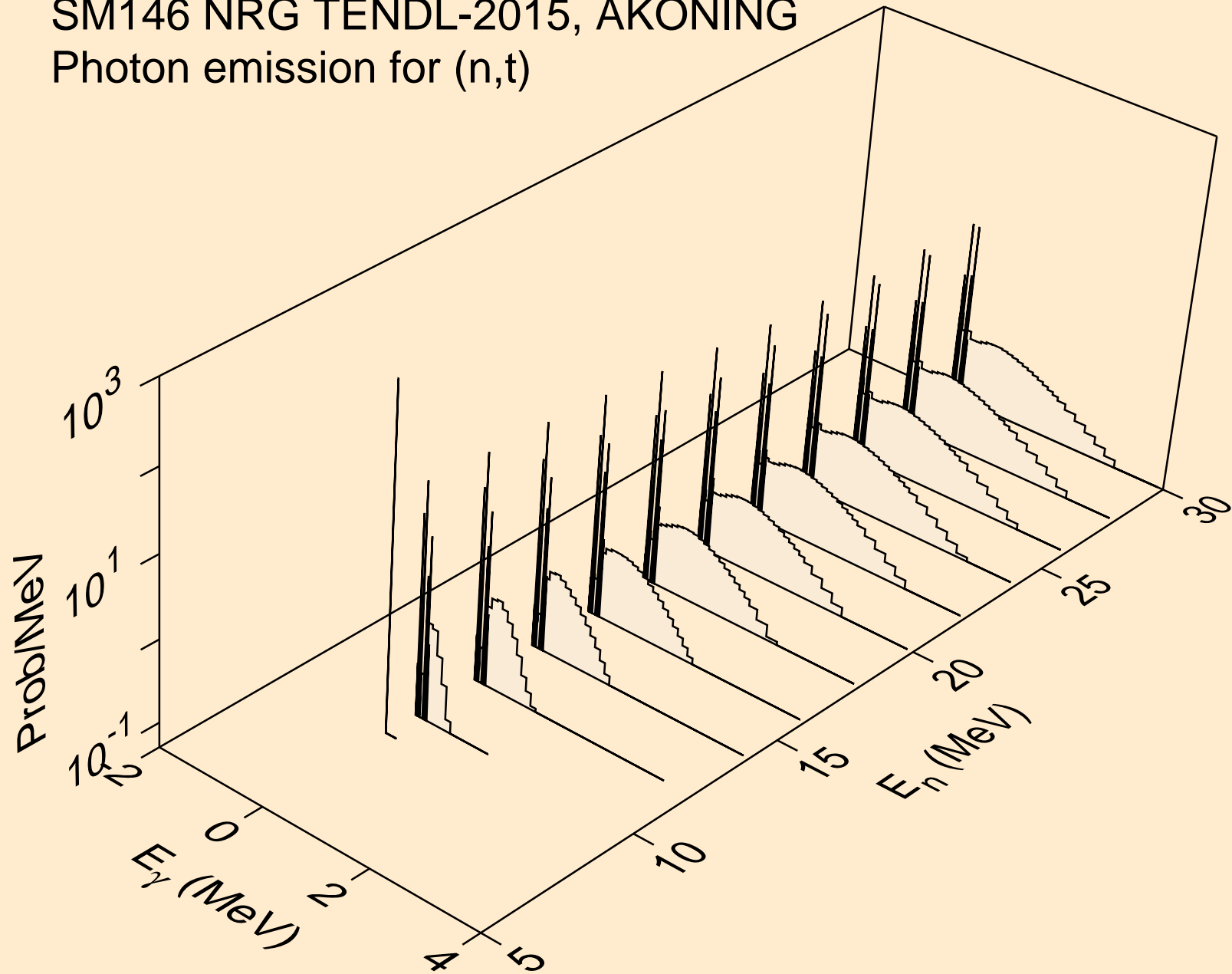
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

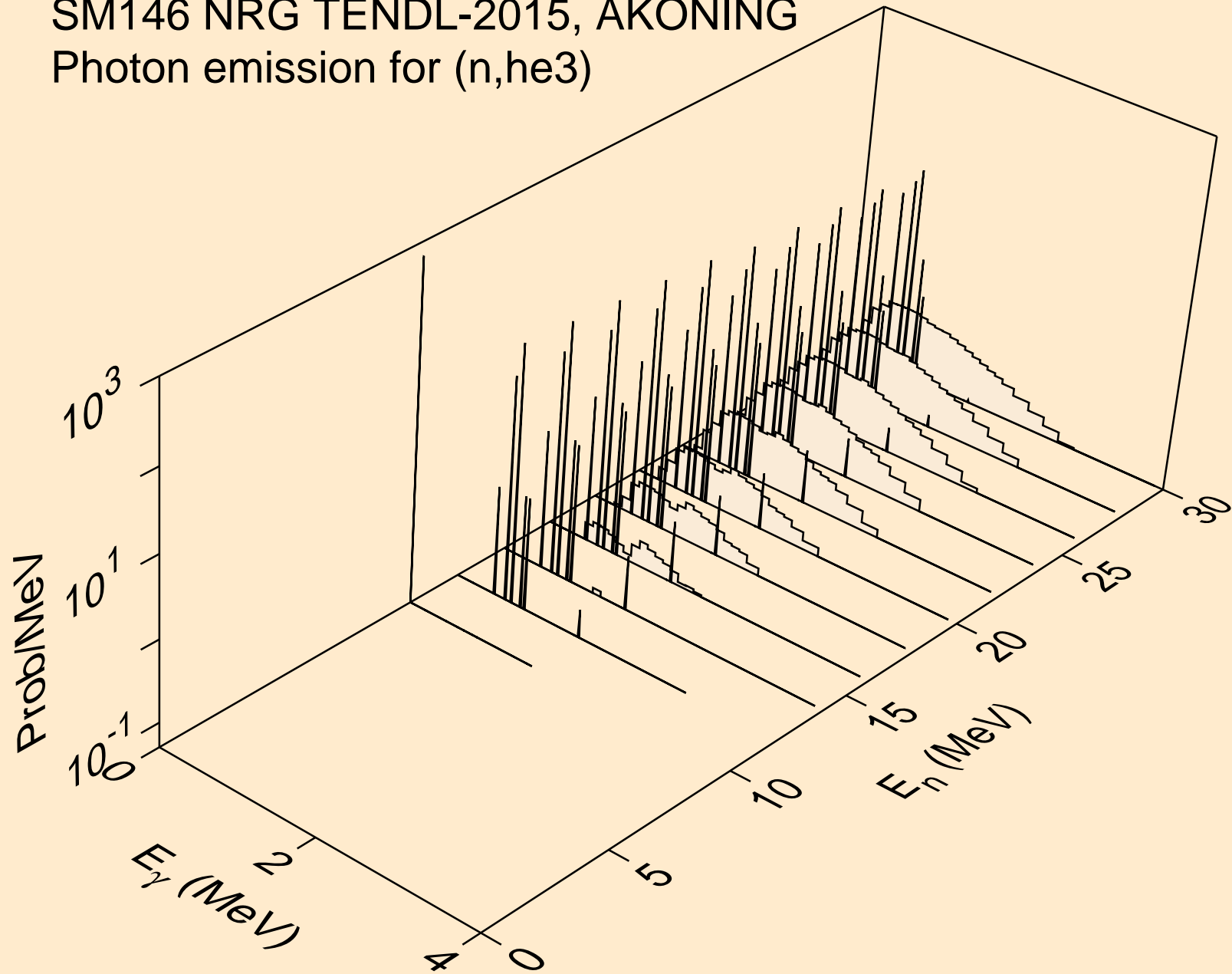


SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

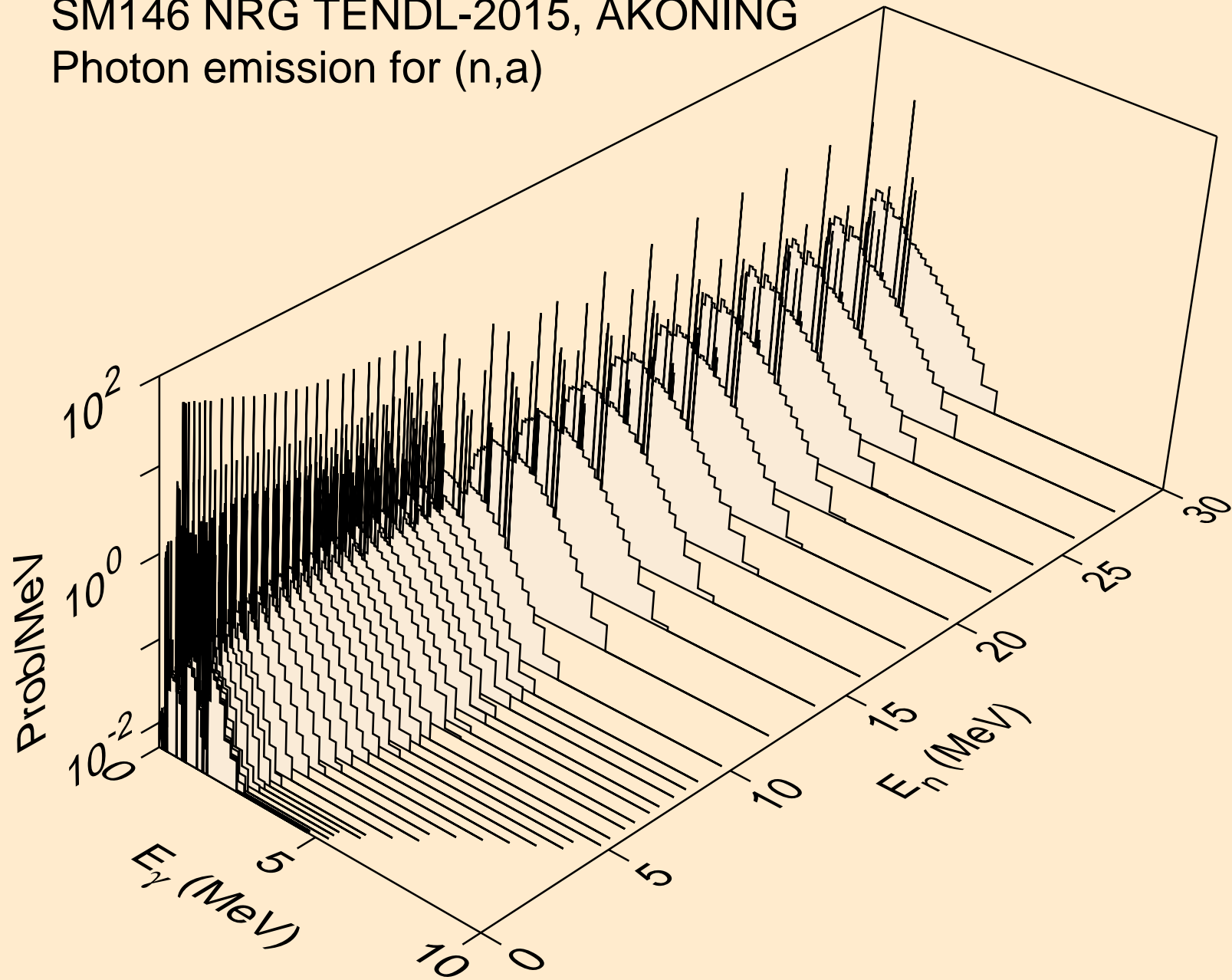




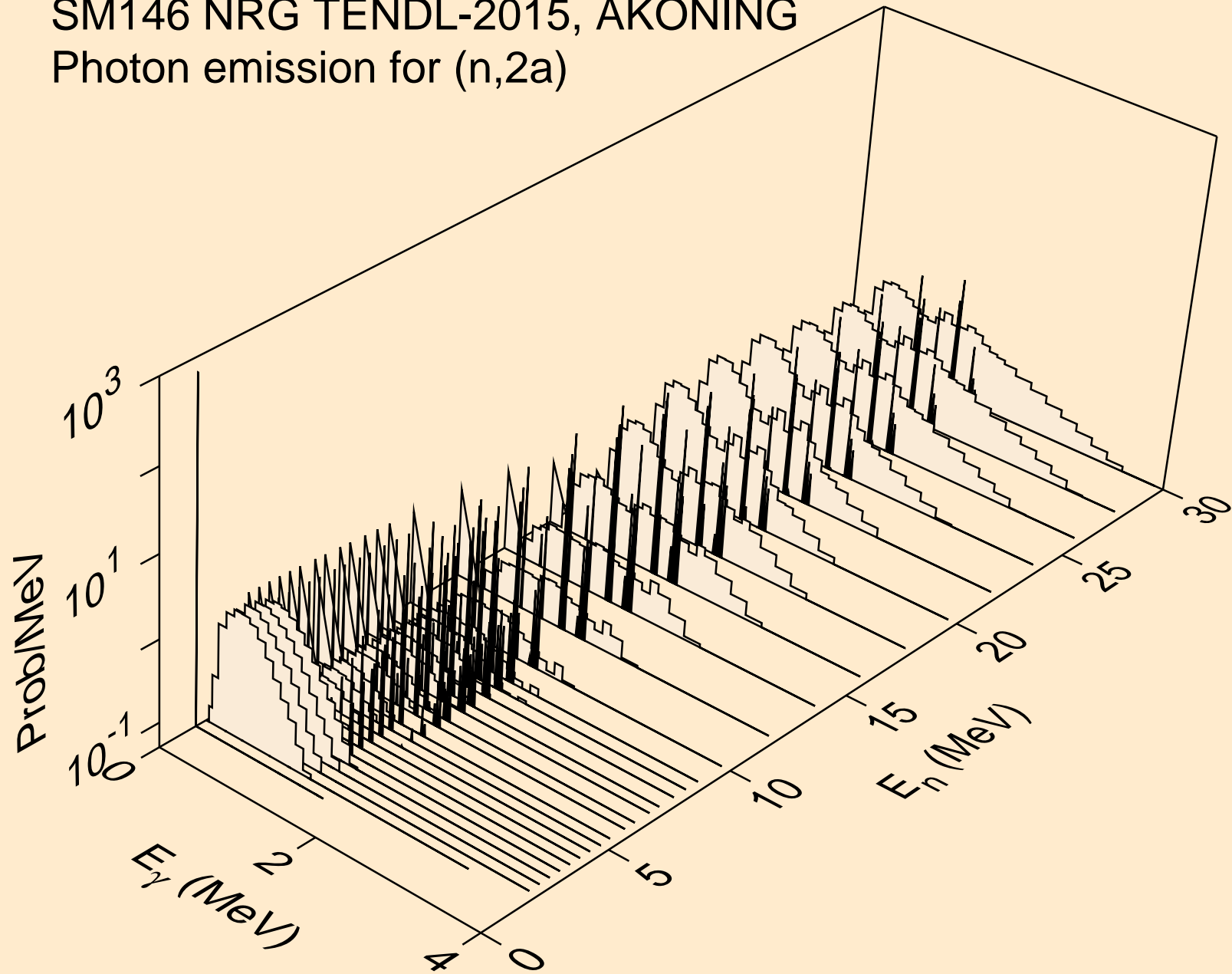
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



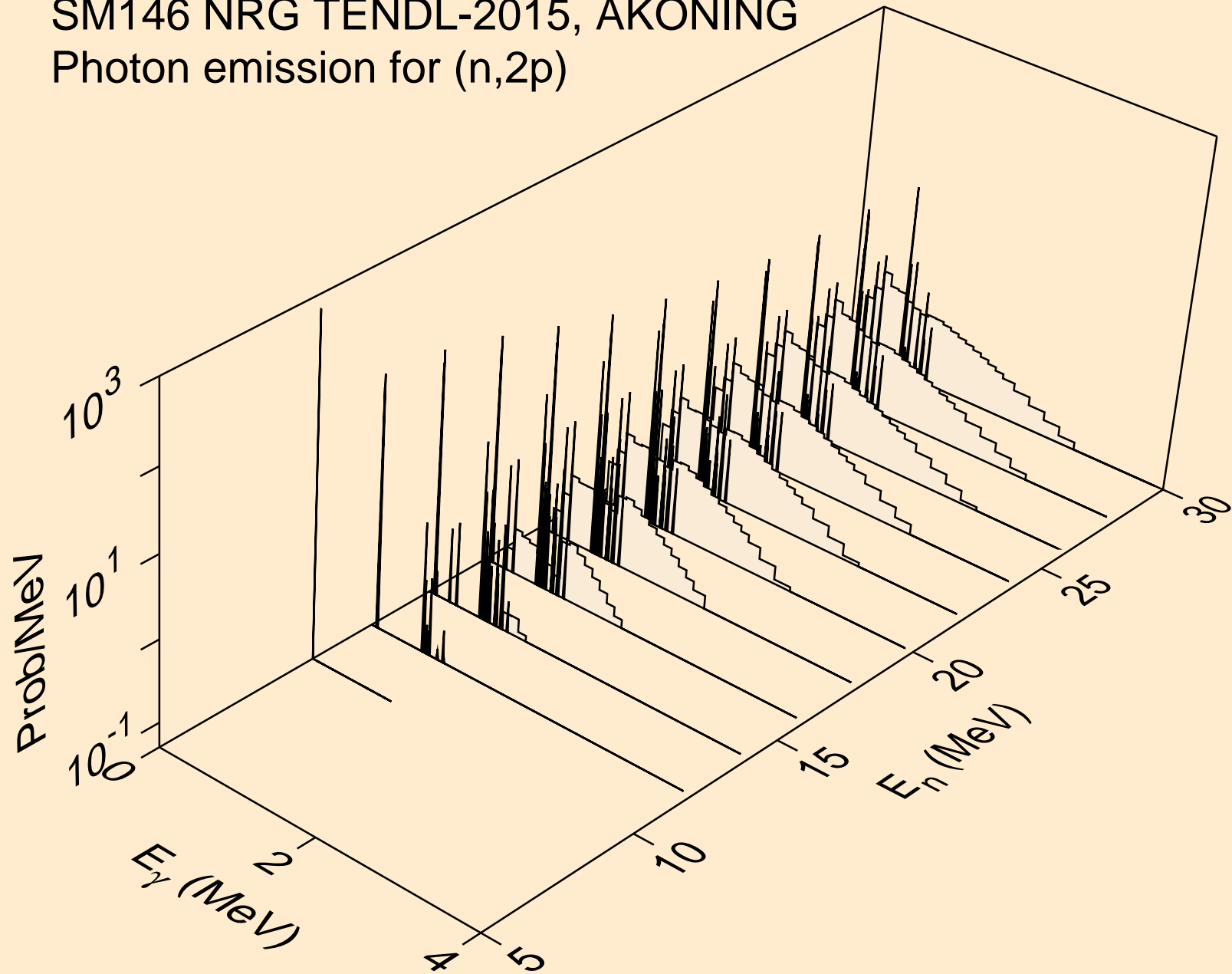
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



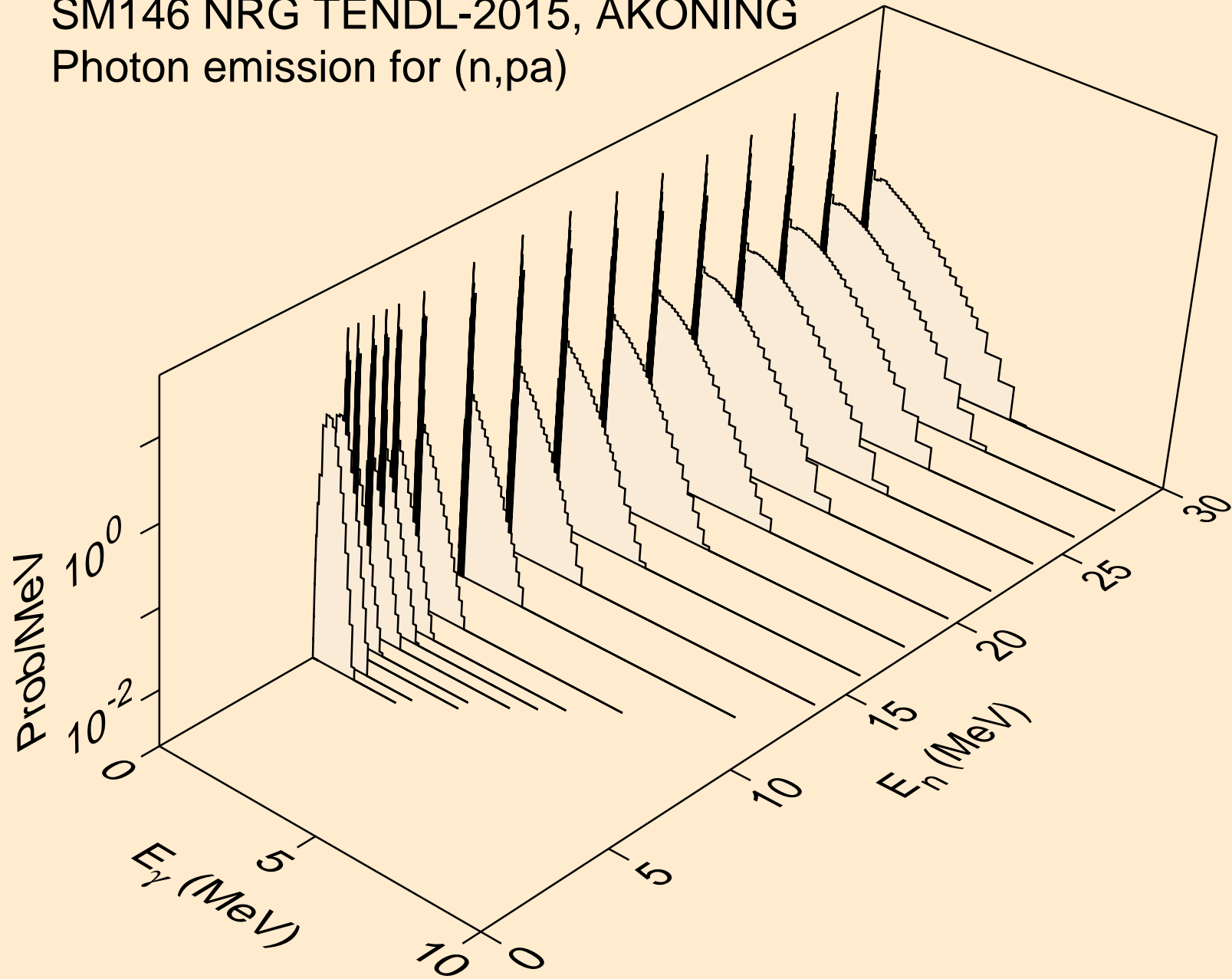
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



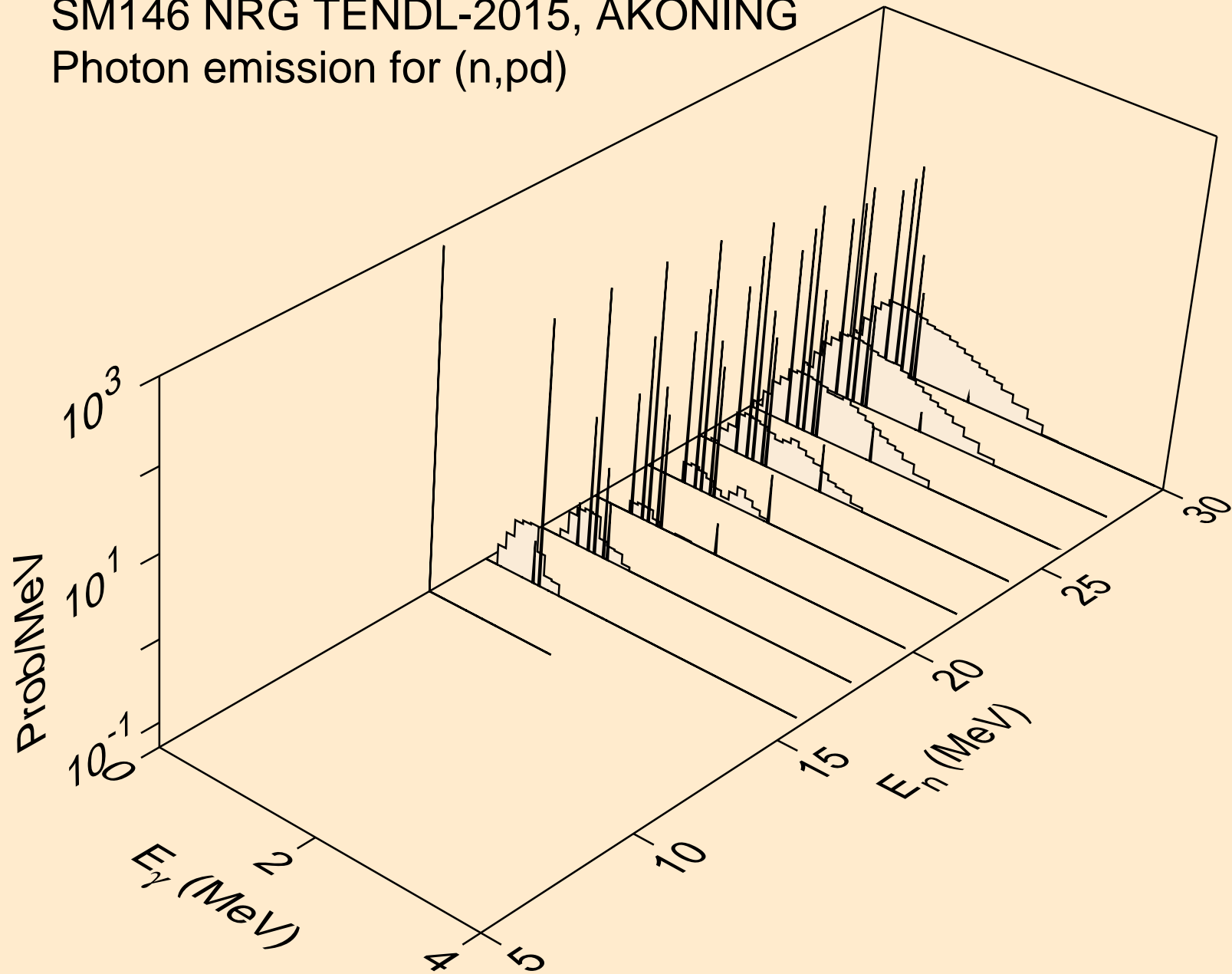
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



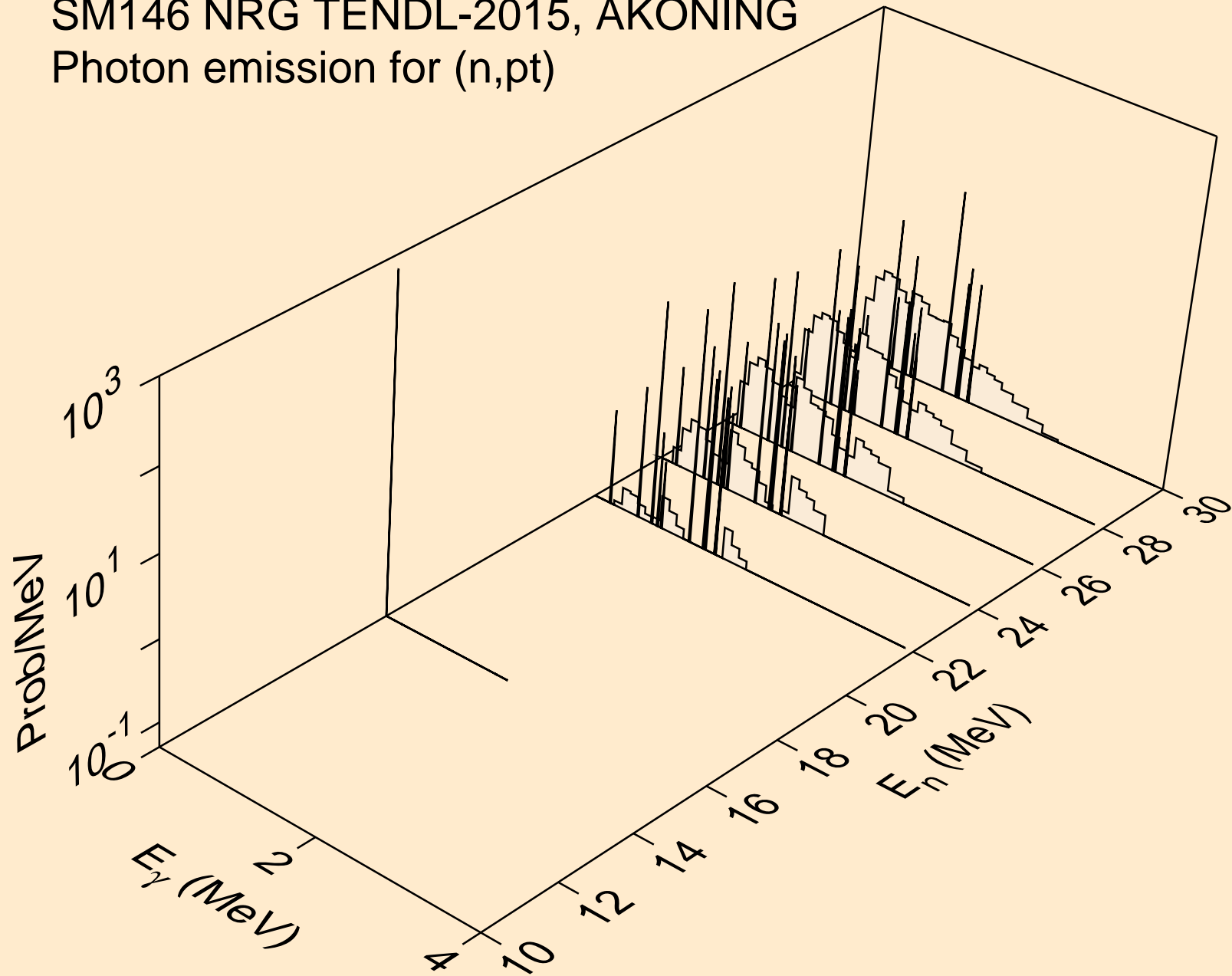
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



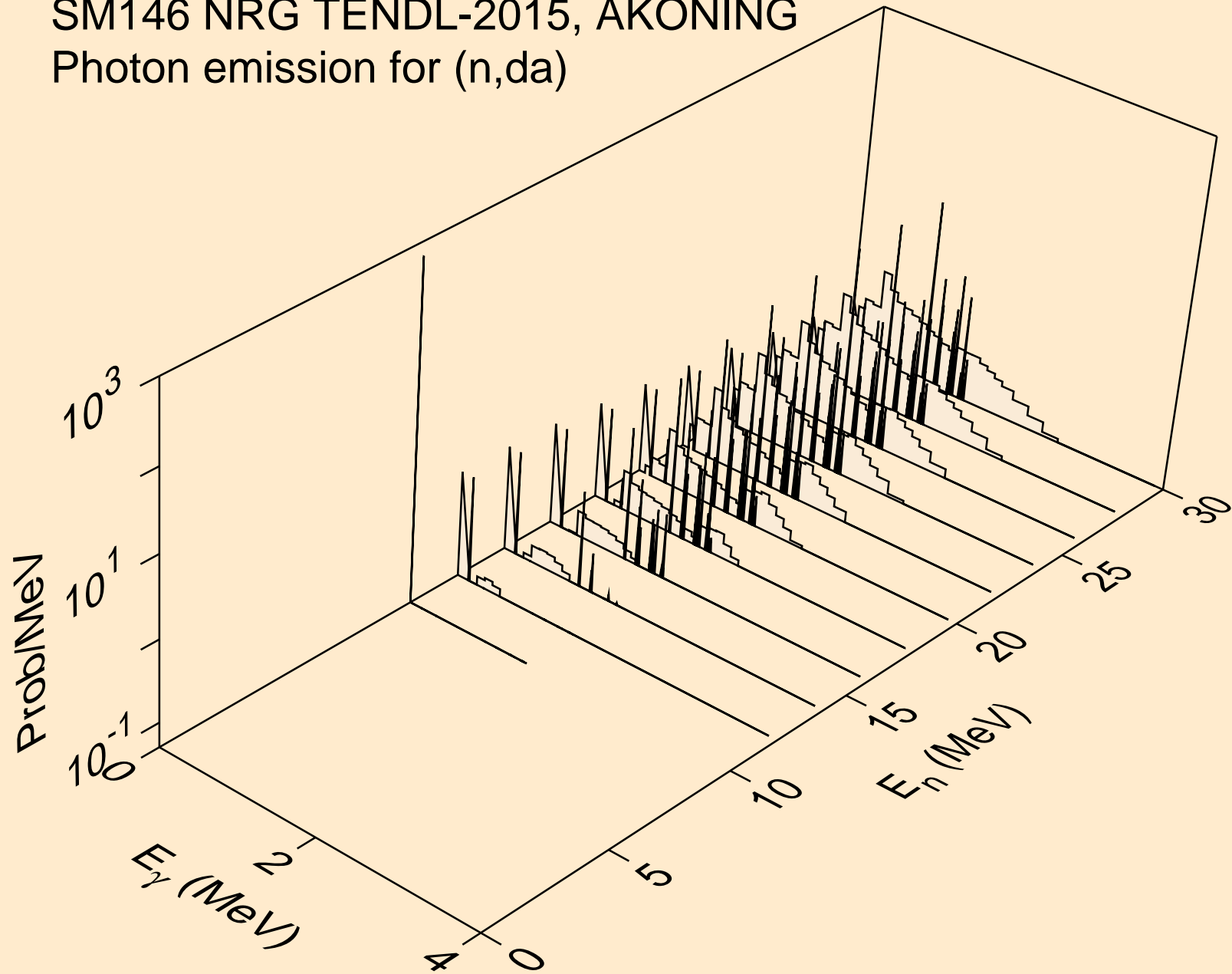
SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

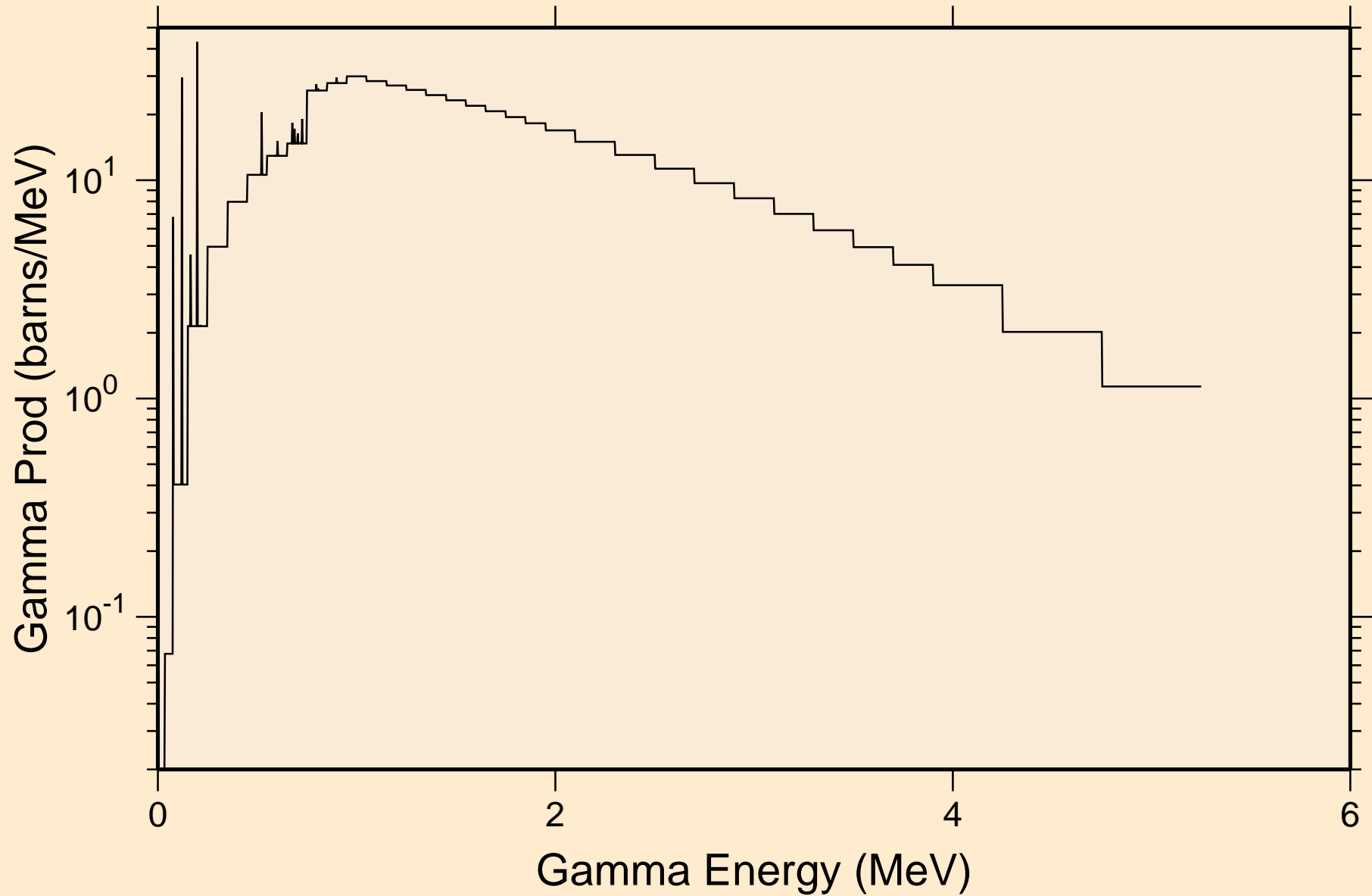


SM146 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

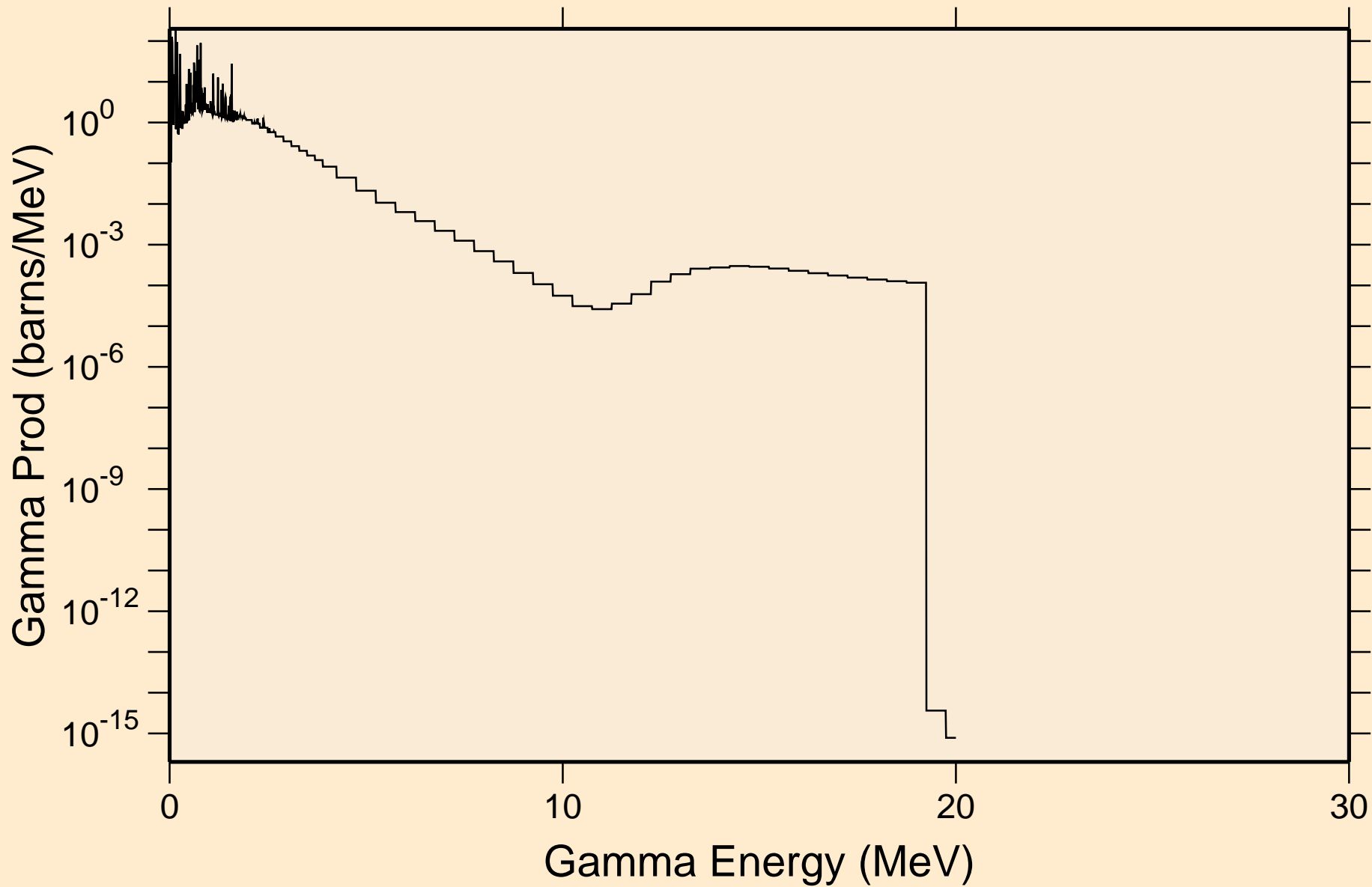




SM146 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

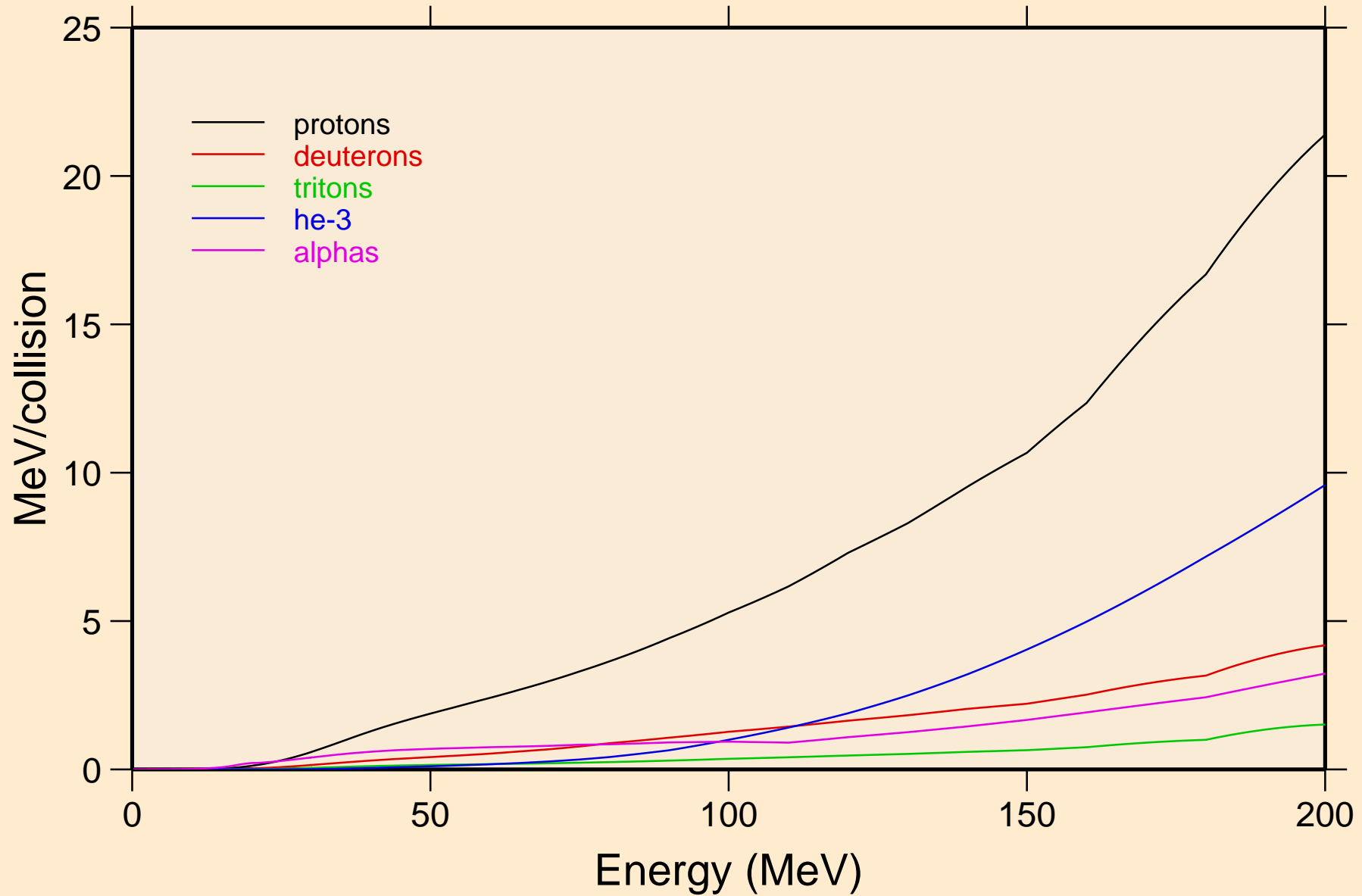


SM146 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



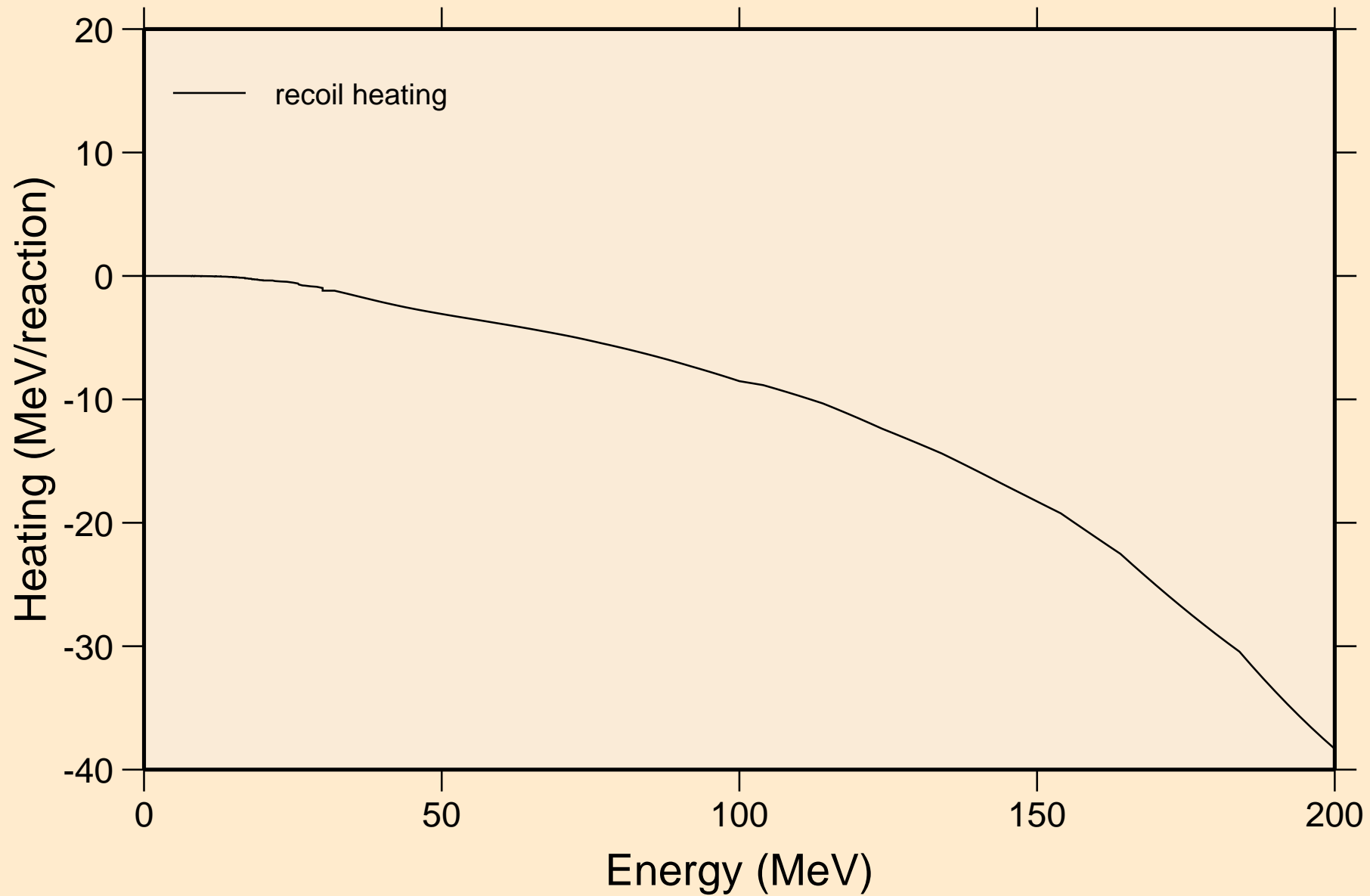
# SM146 NRG TENDL-2015, AKONING

## Particle heating contributions



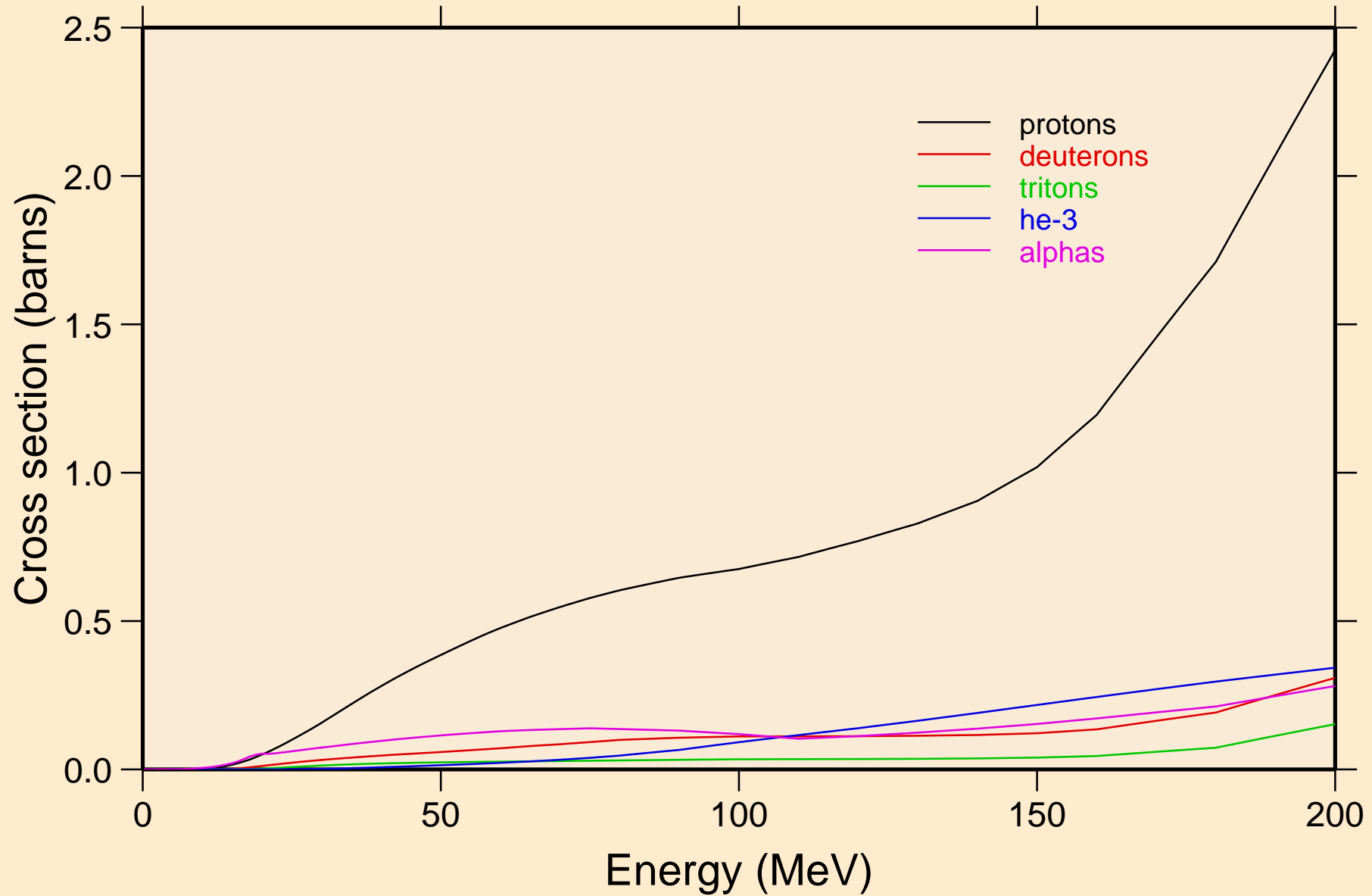
# SM146 NRG TENDL-2015, AKONING

## Recoil Heating

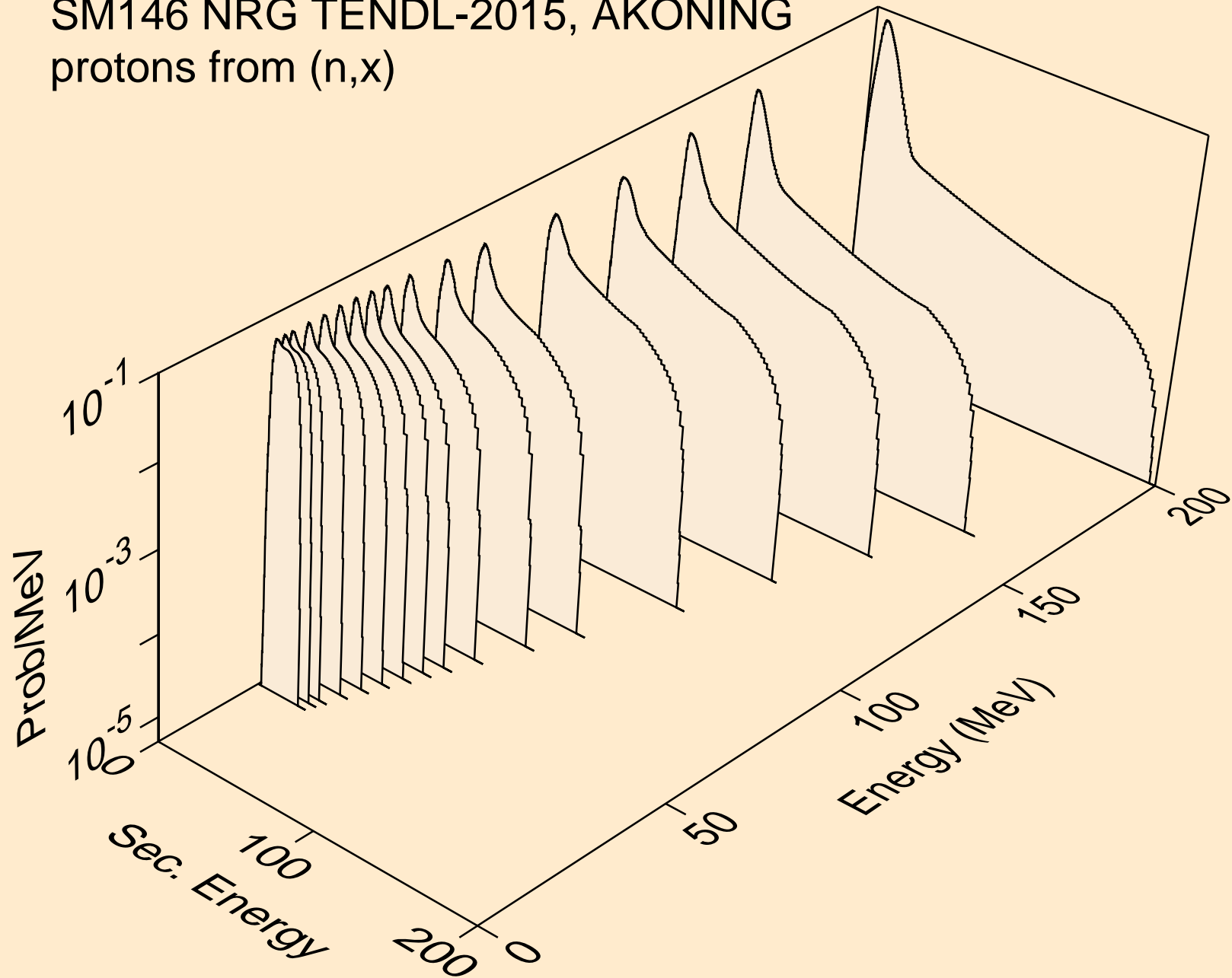


# SM146 NRG TENDL-2015, AKONING

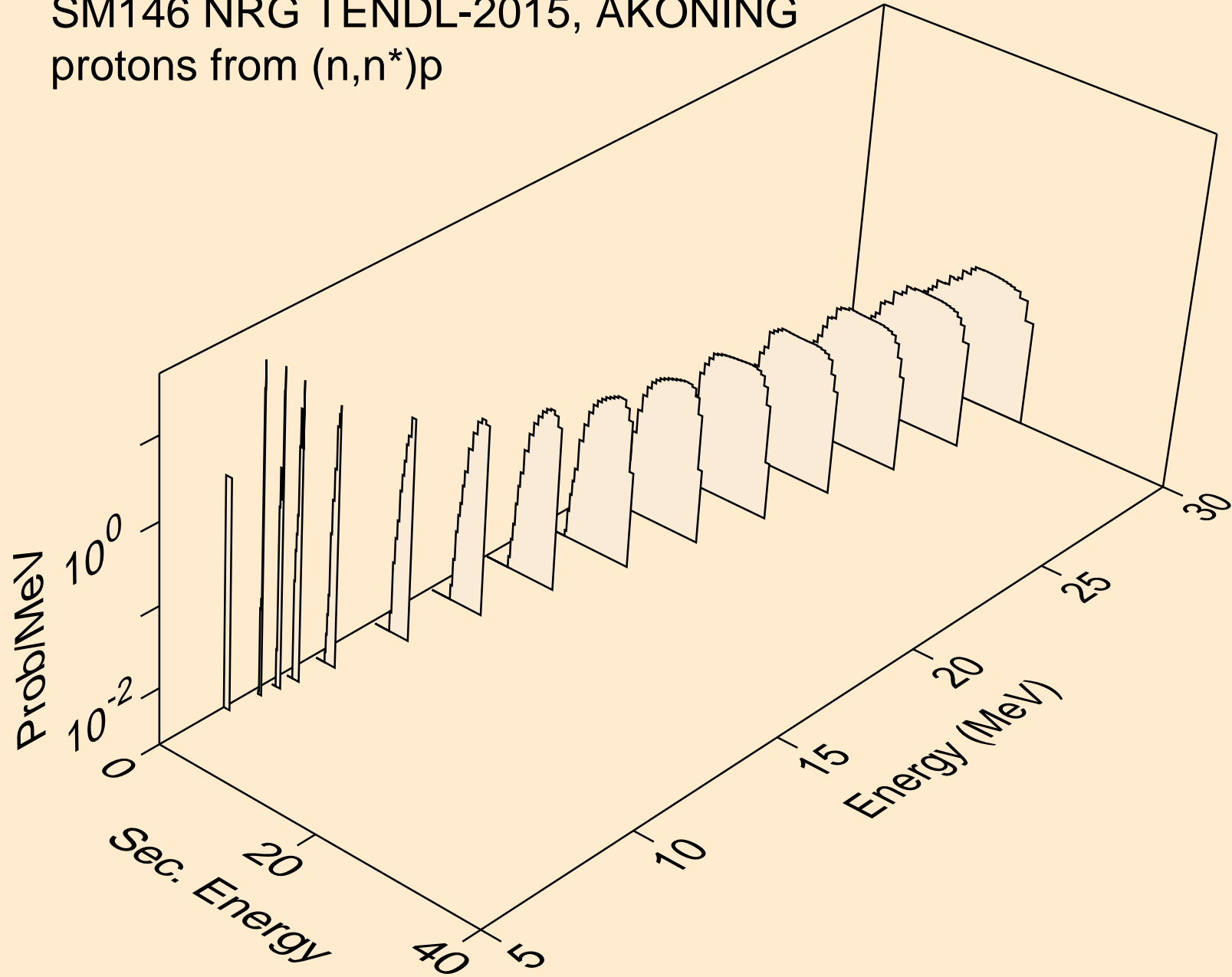
## Particle production cross sections



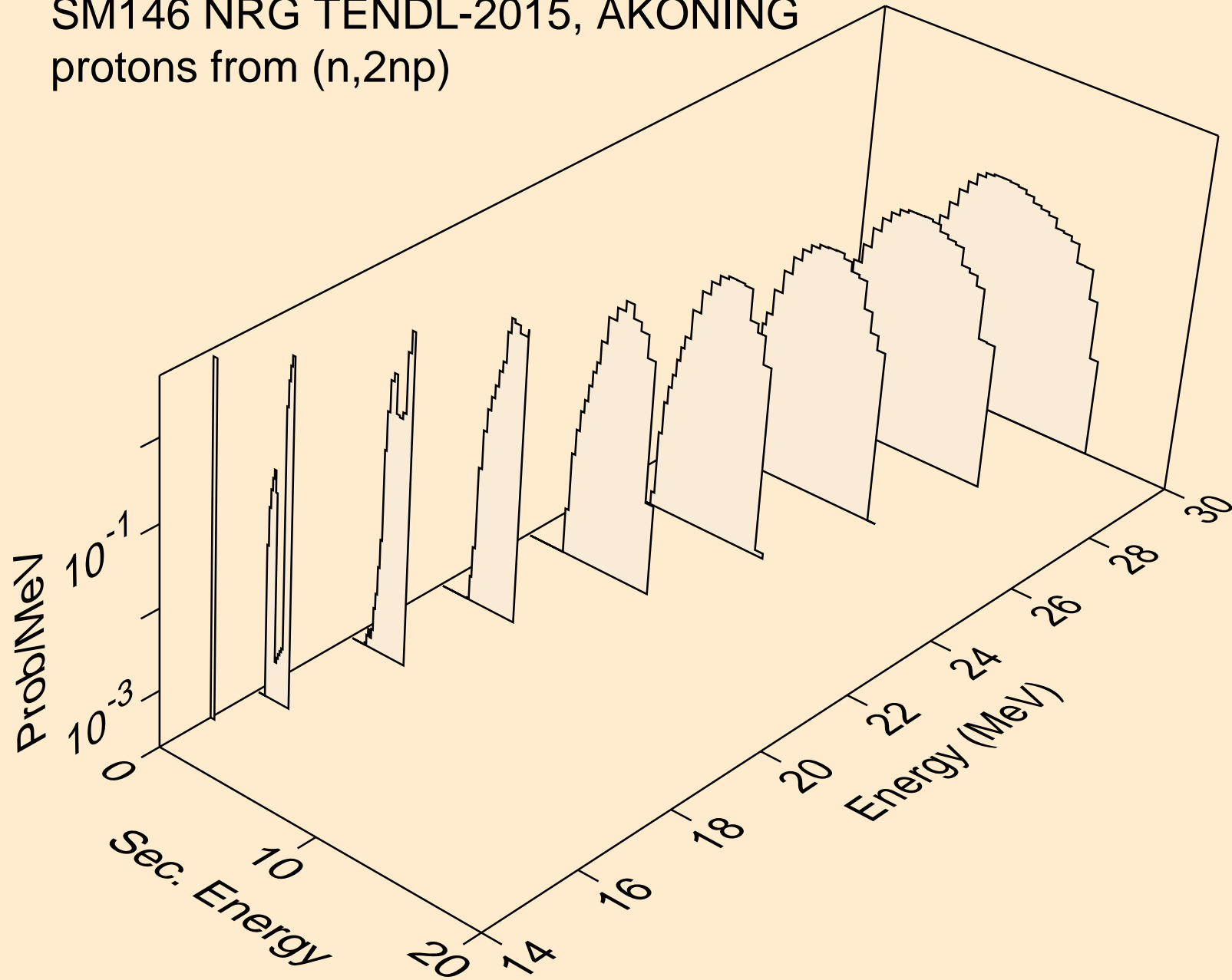
SM146 NRG TENDL-2015, AKONING  
protons from (n,x)



SM146 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

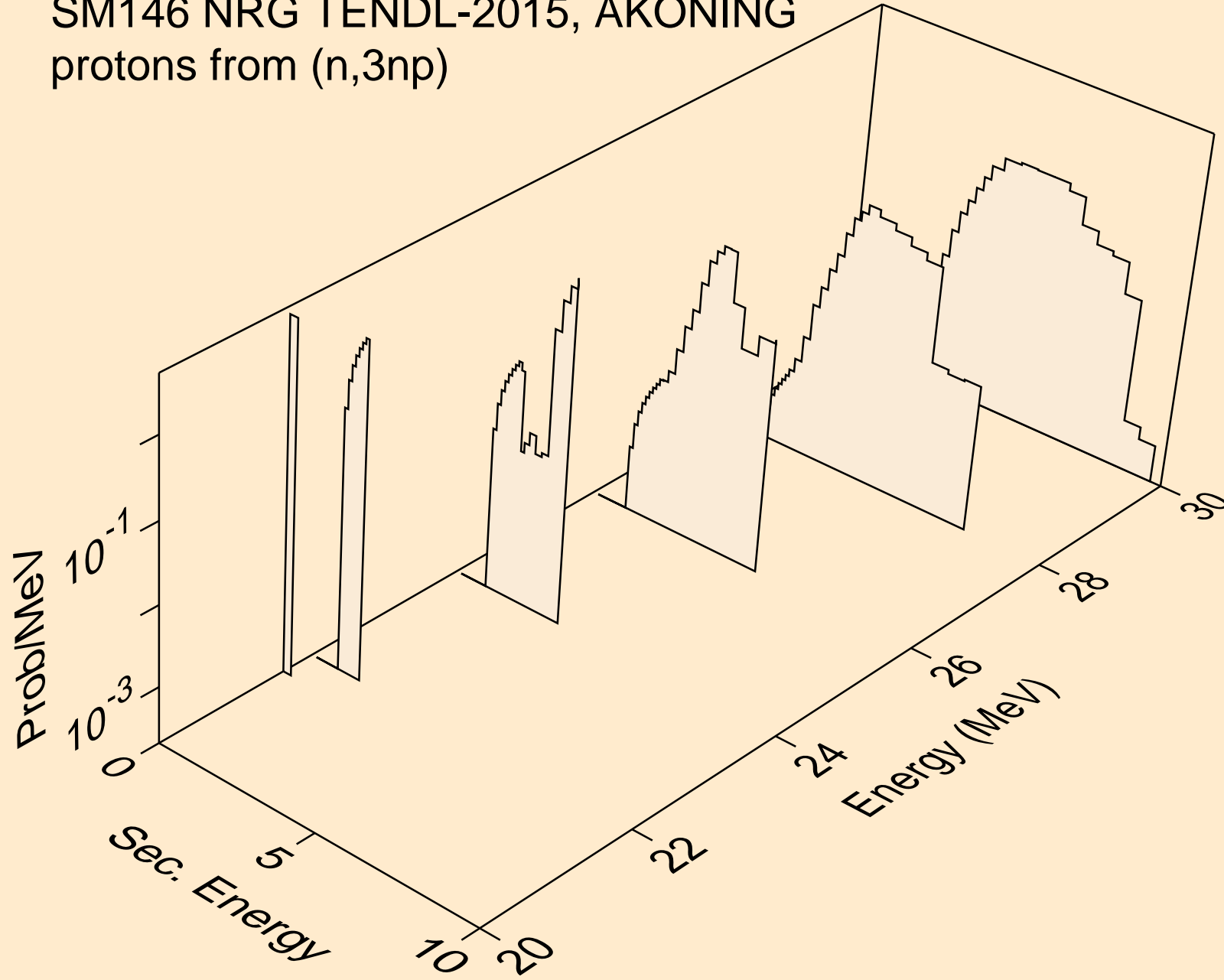


SM146 NRG TENDL-2015, AKONING  
protons from (n,2np)

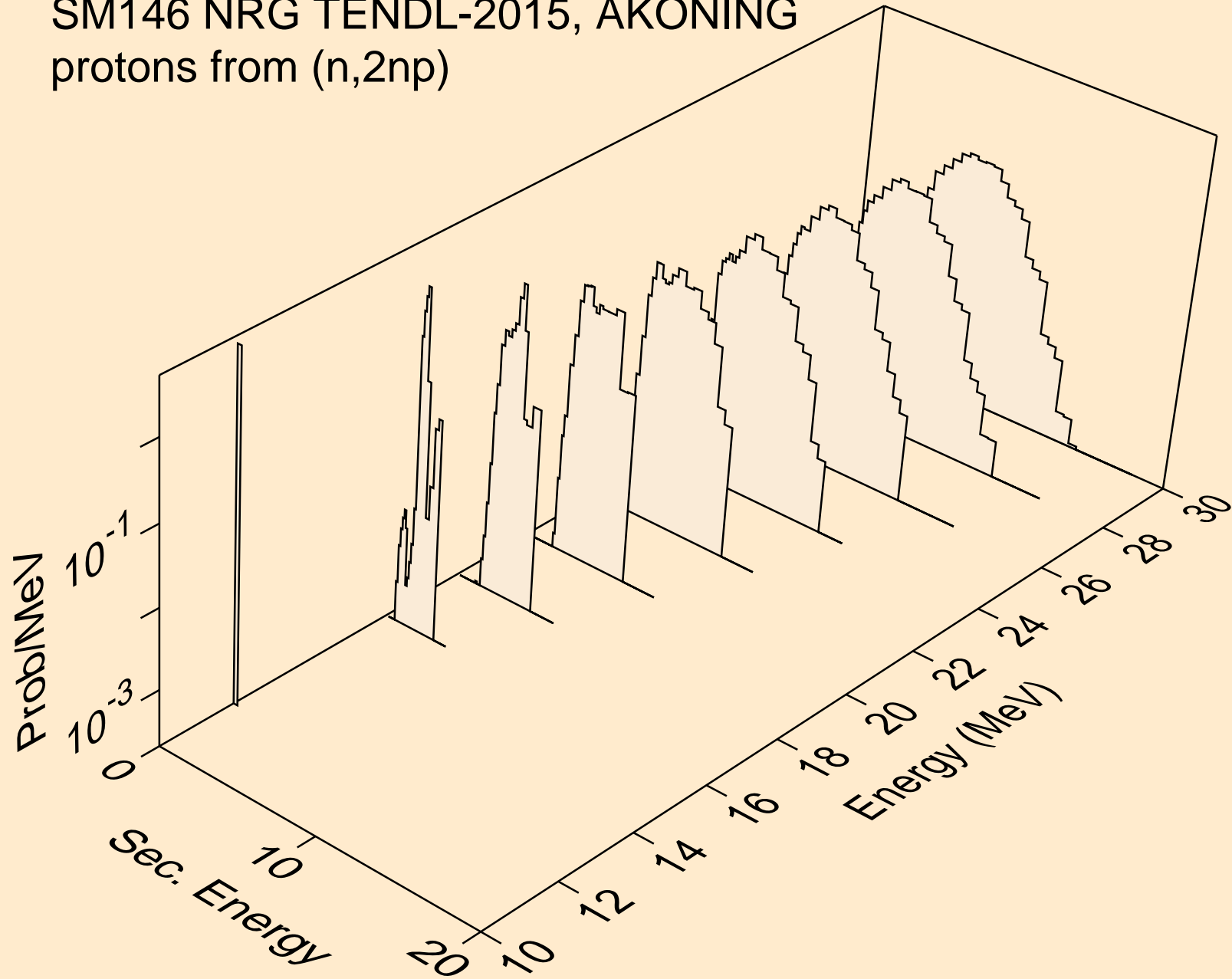




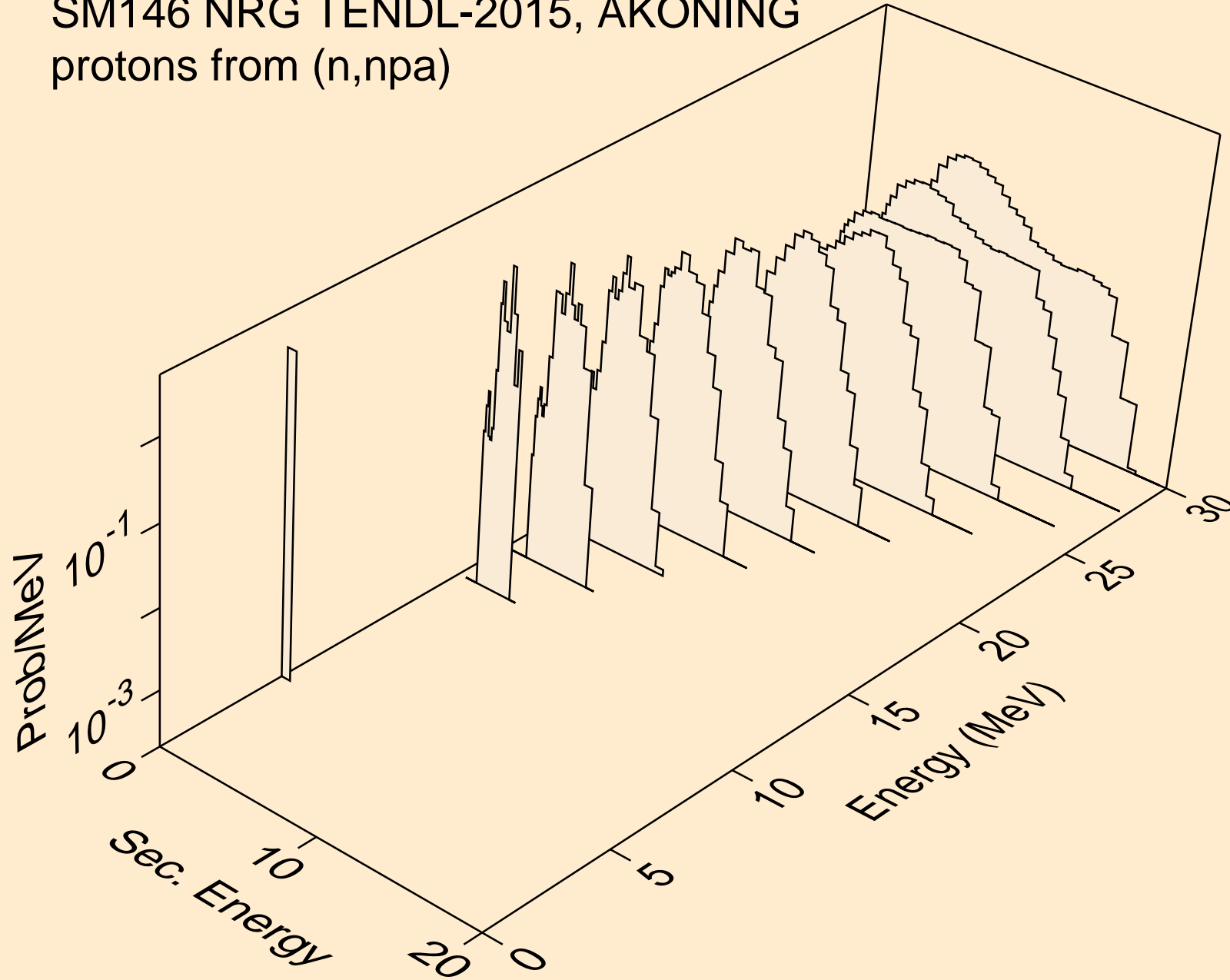
SM146 NRG TENDL-2015, AKONING  
protons from (n,3np)



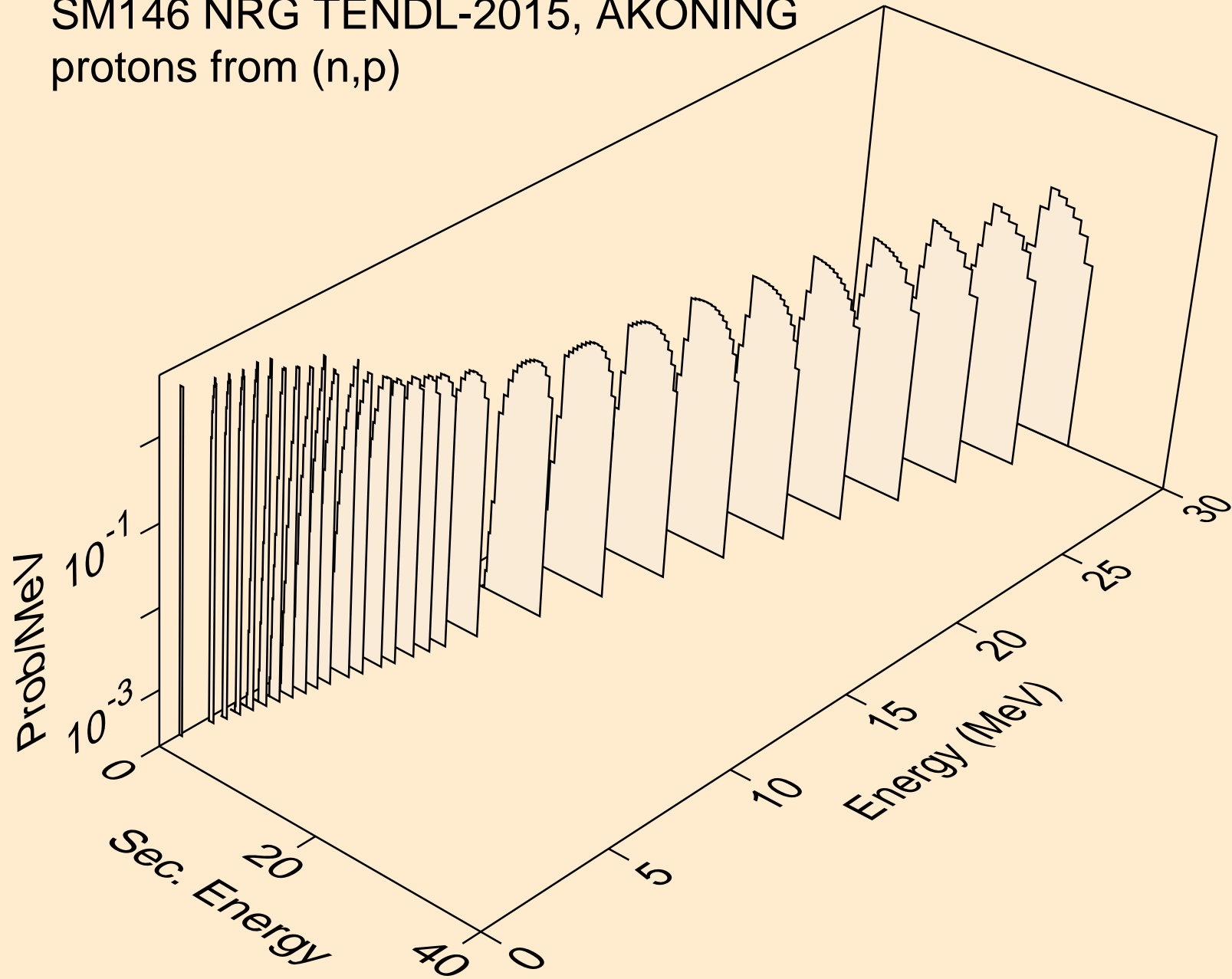
SM146 NRG TENDL-2015, AKONING  
protons from (n,2np)



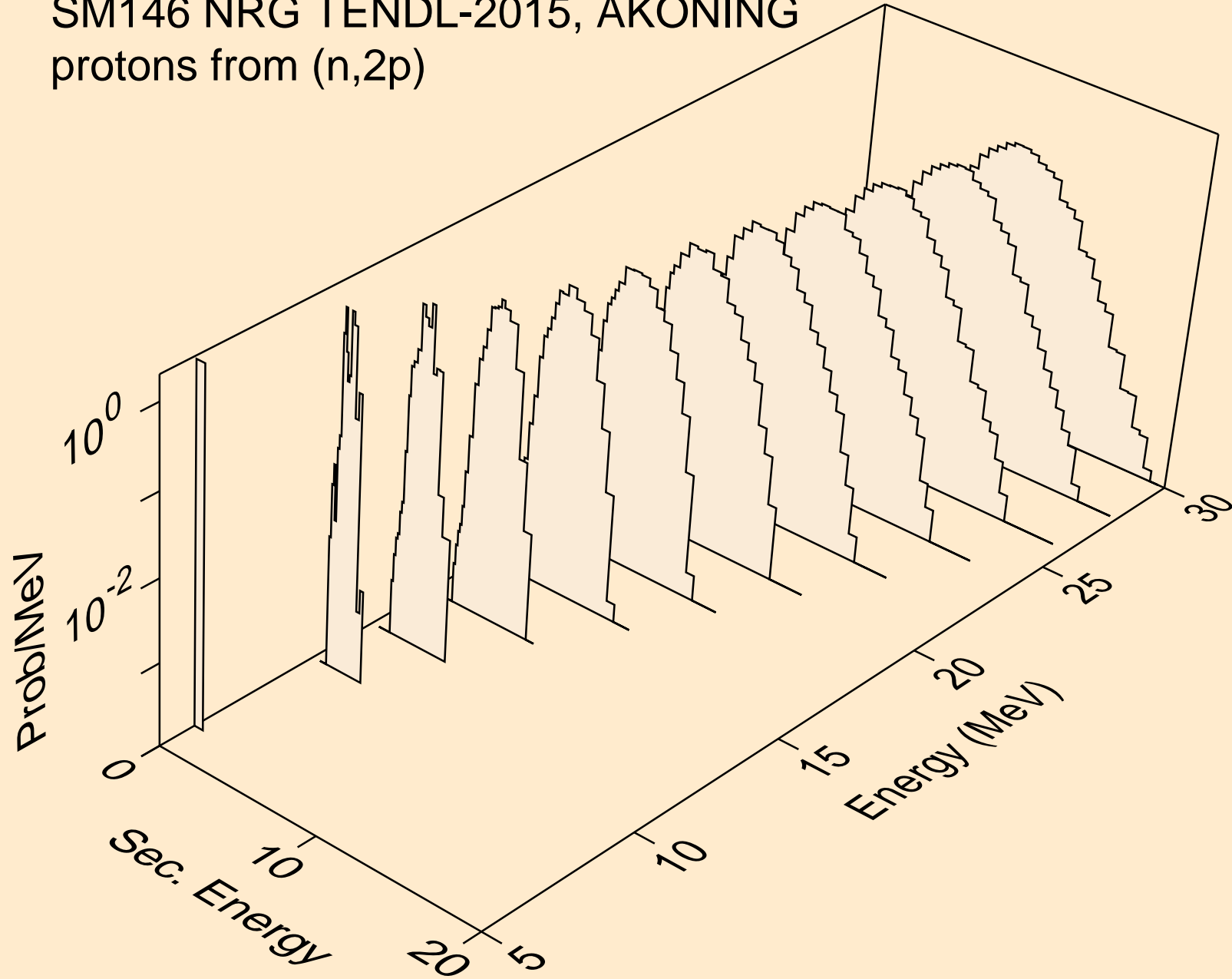
SM146 NRG TENDL-2015, AKONING  
protons from (n,npa)



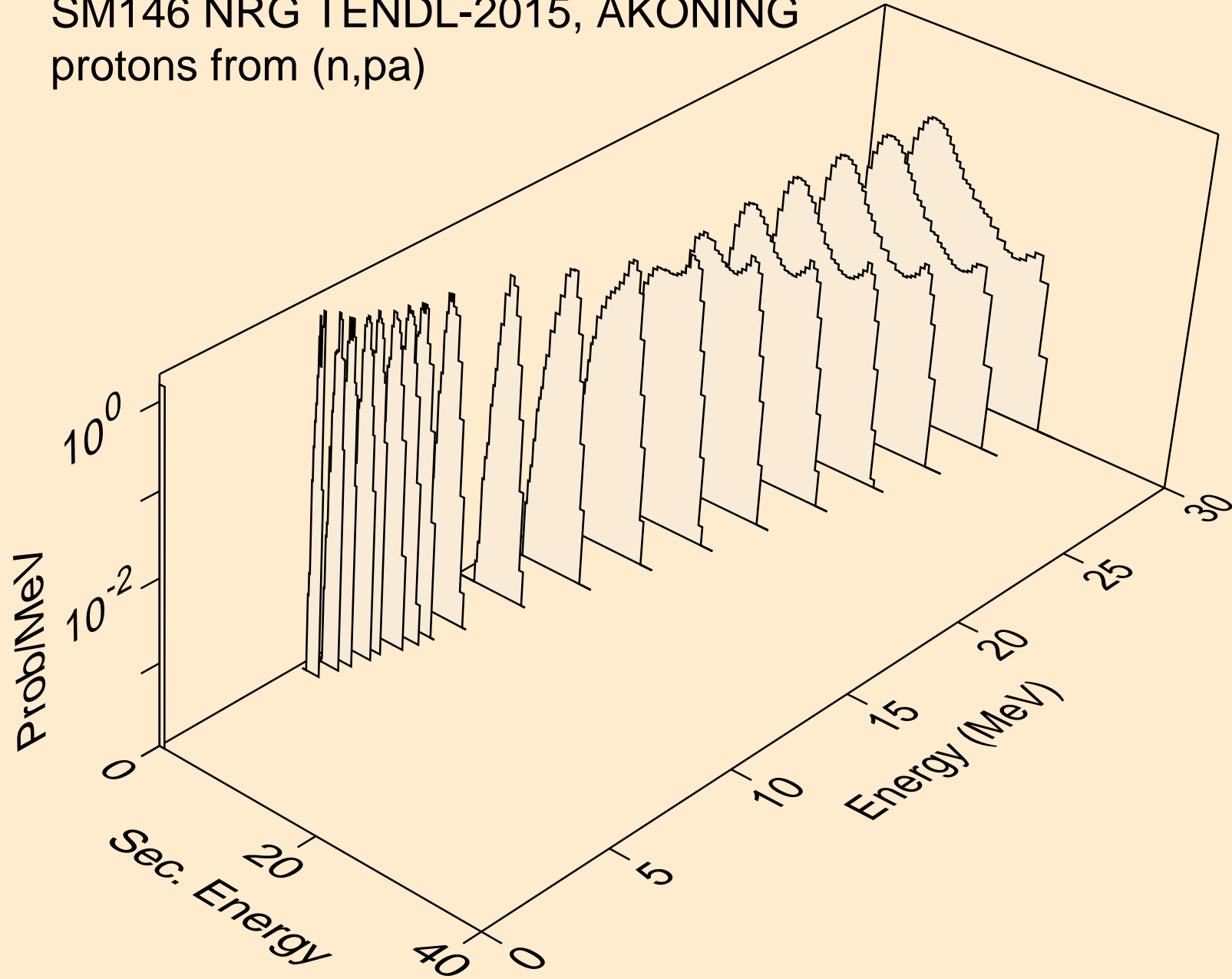
SM146 NRG TENDL-2015, AKONING  
protons from (n,p)



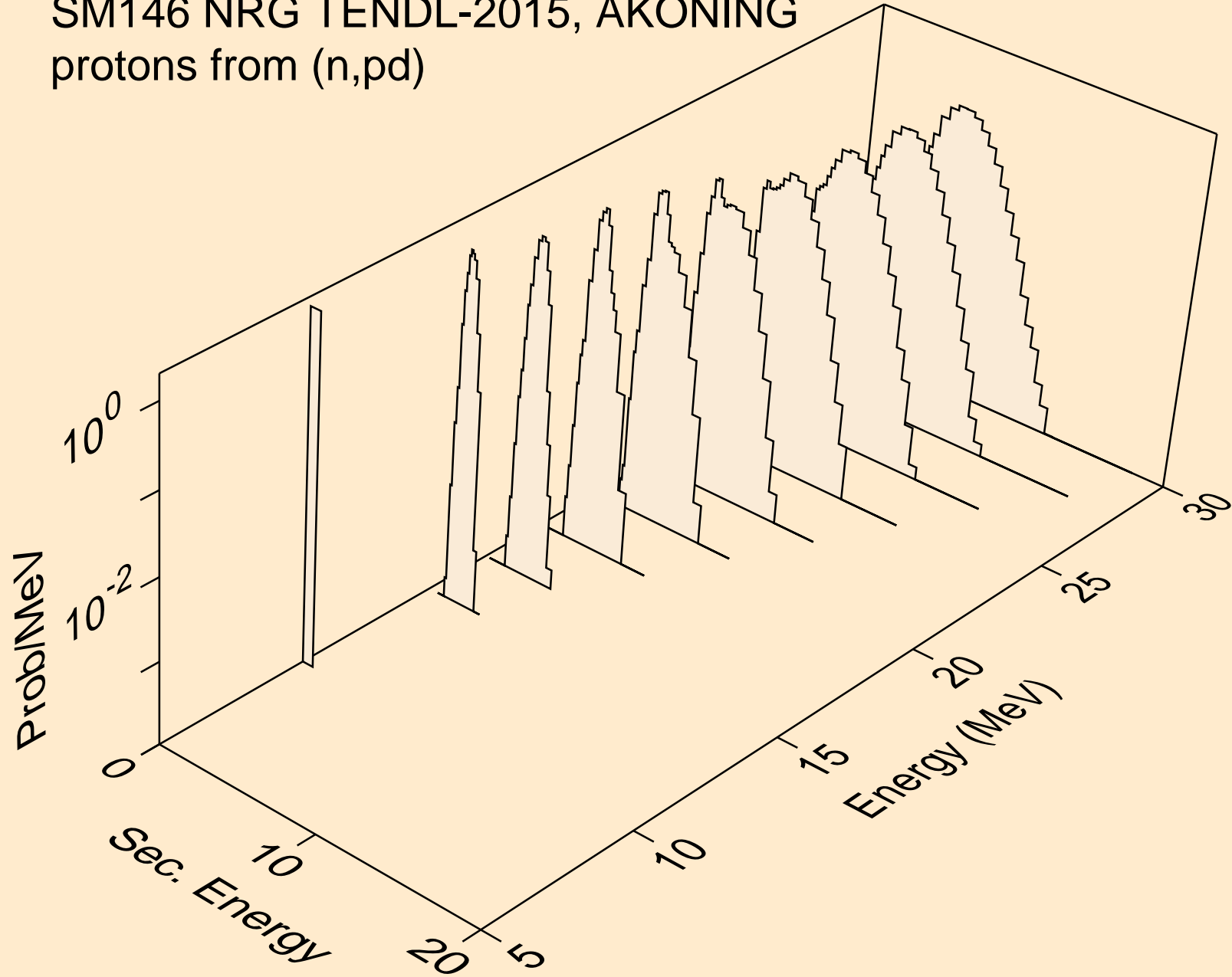
SM146 NRG TENDL-2015, AKONING  
protons from (n,2p)



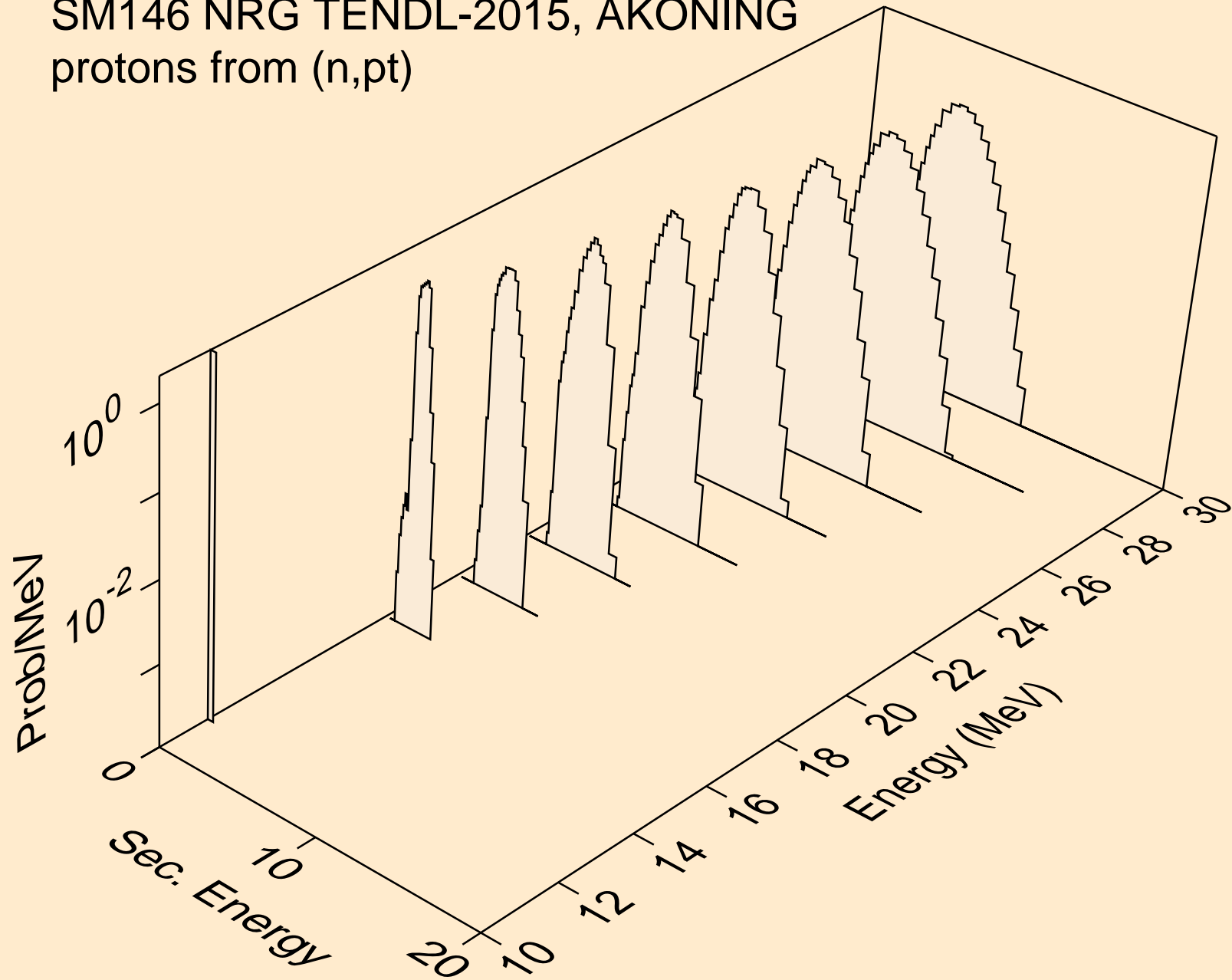
SM146 NRG TENDL-2015, AKONING  
protons from (n,pa)



SM146 NRG TENDL-2015, AKONING  
protons from (n,pd)

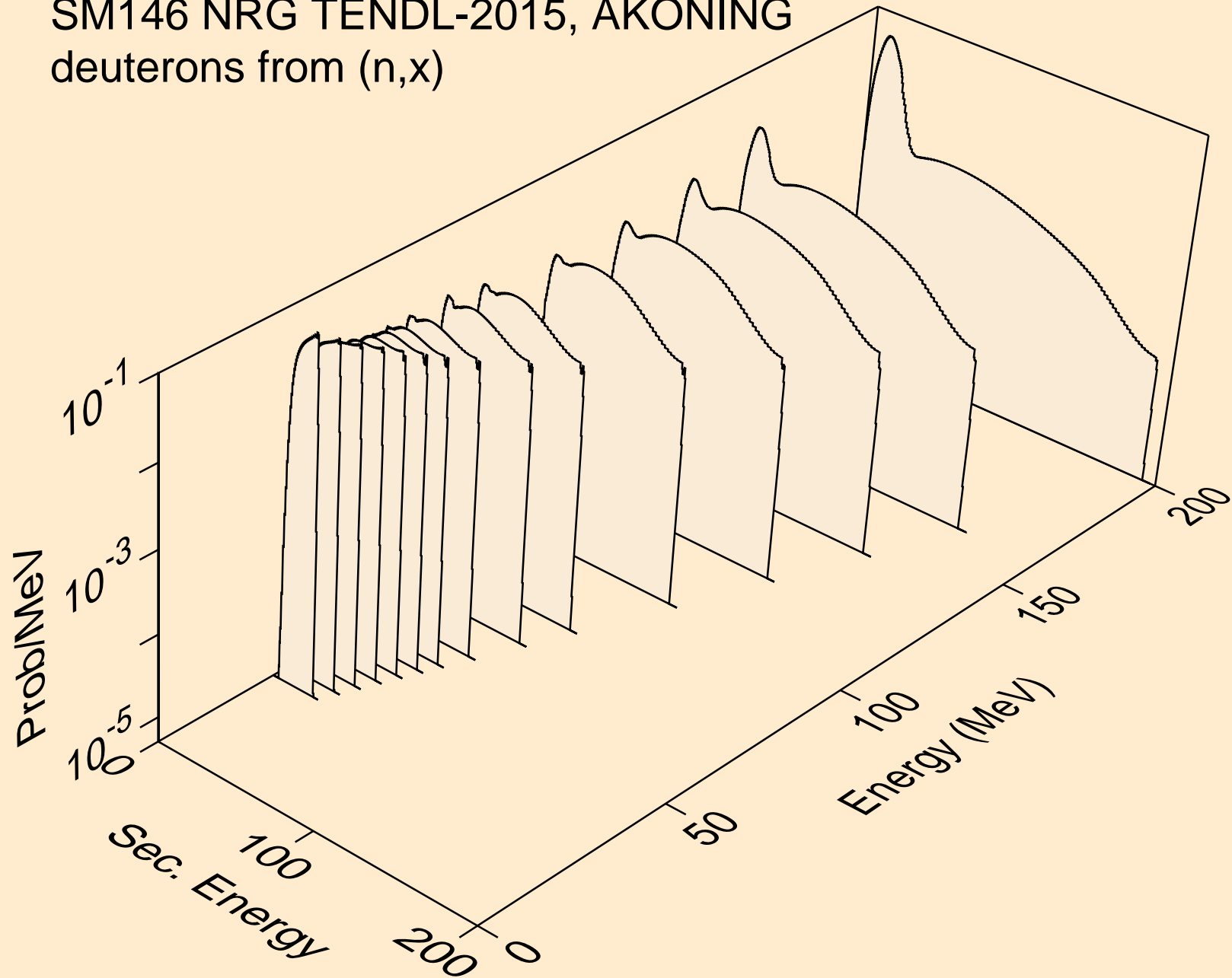


SM146 NRG TENDL-2015, AKONING  
protons from (n,pt)

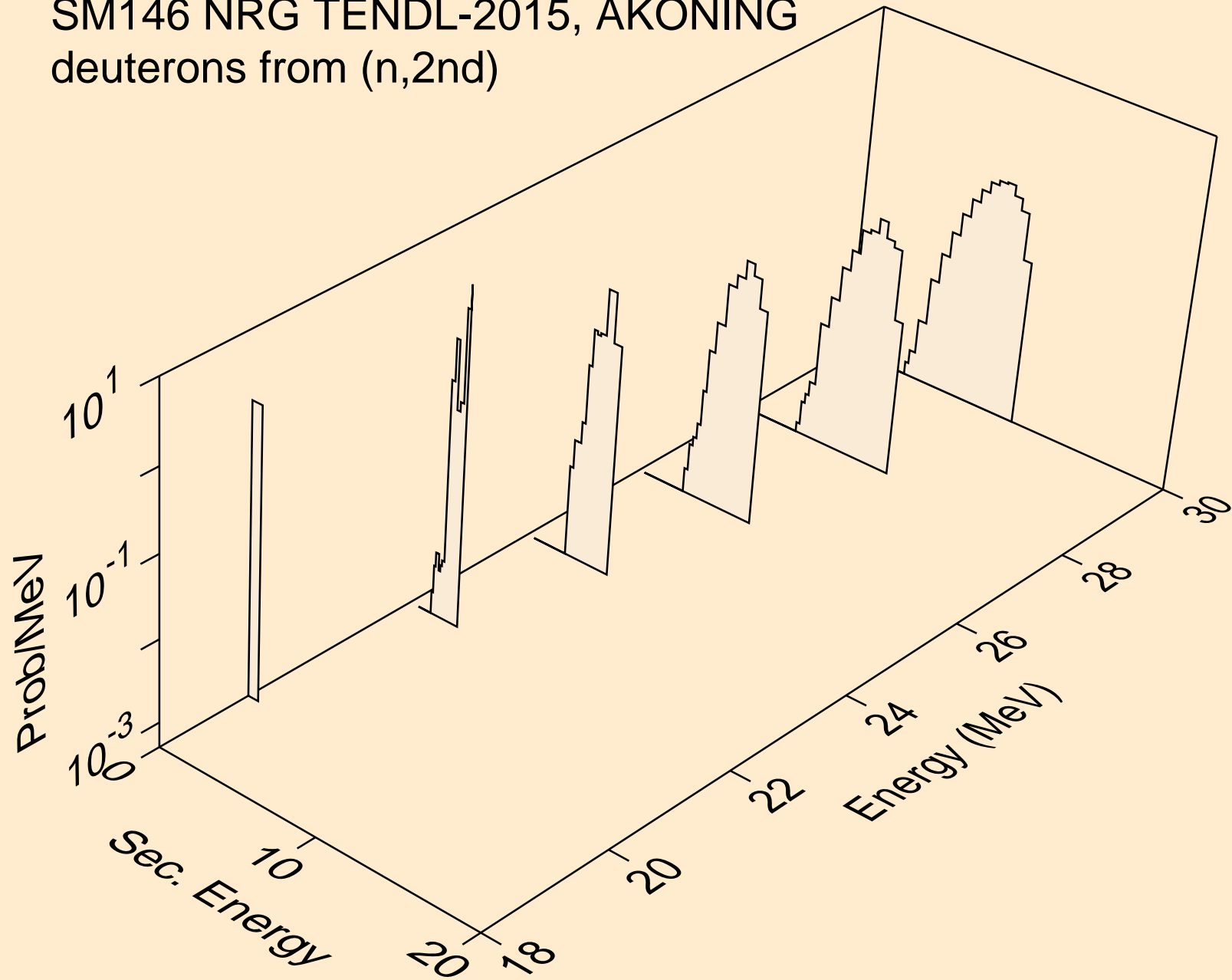




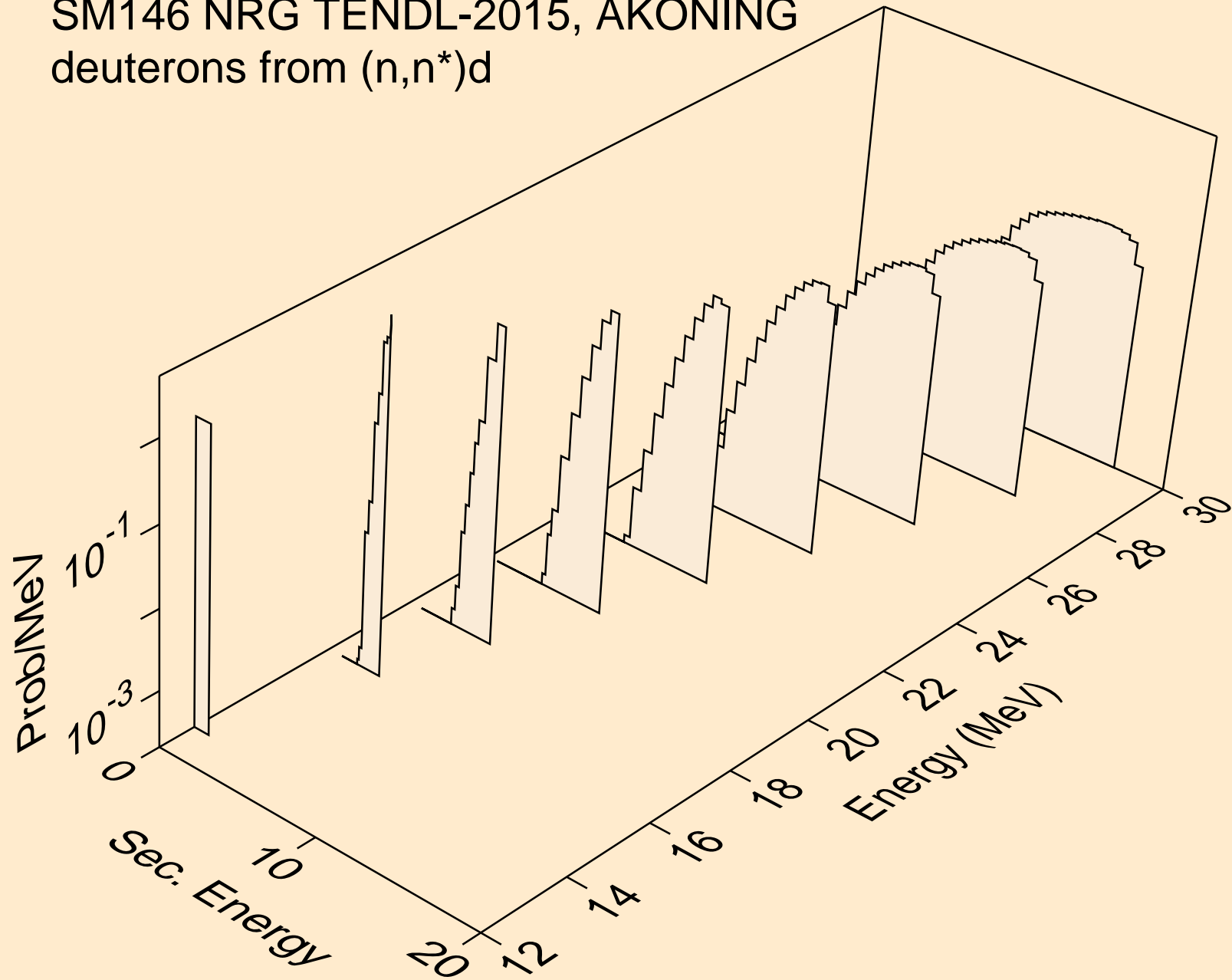
SM146 NRG TENDL-2015, AKONING  
deuterons from (n,x)



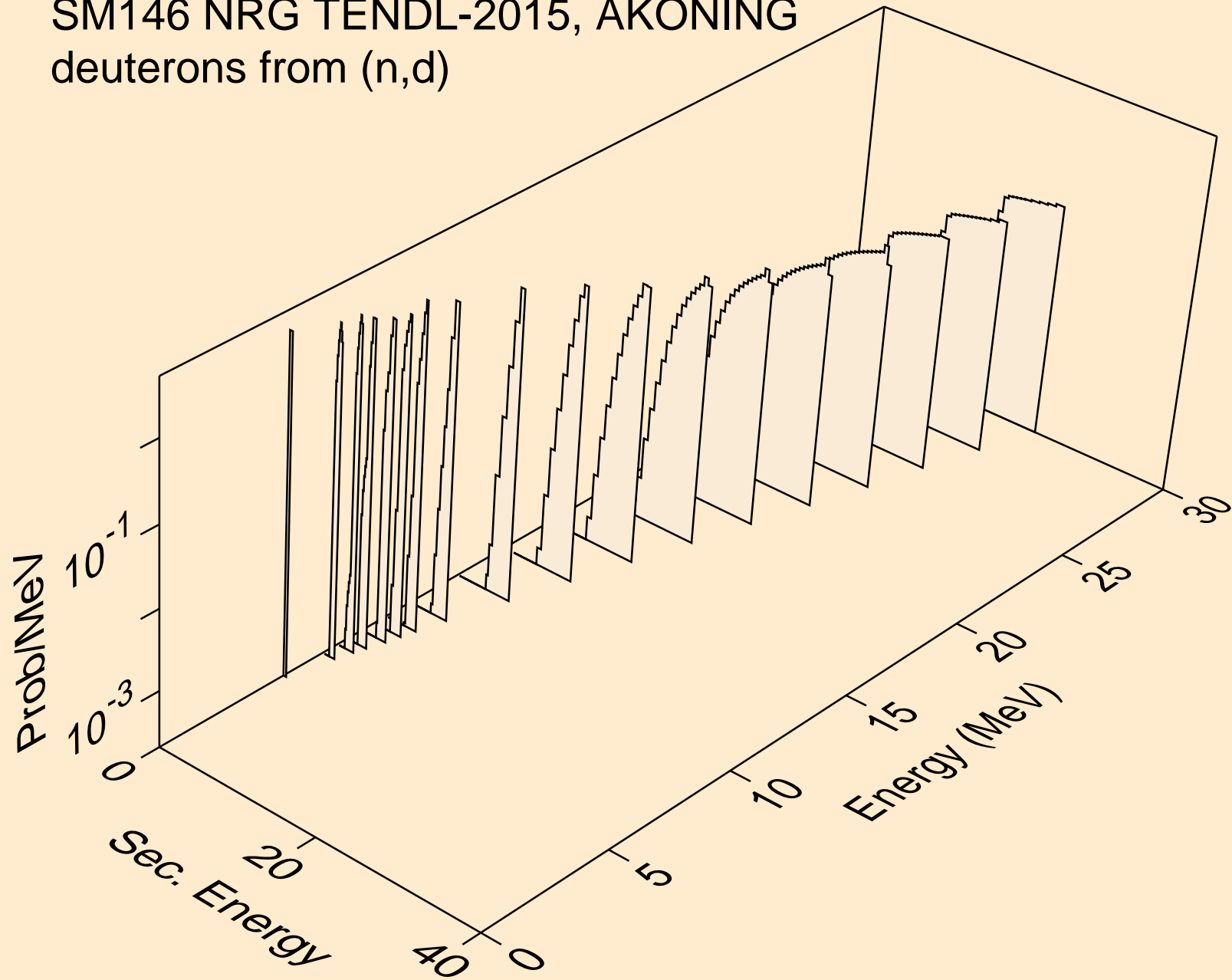
SM146 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



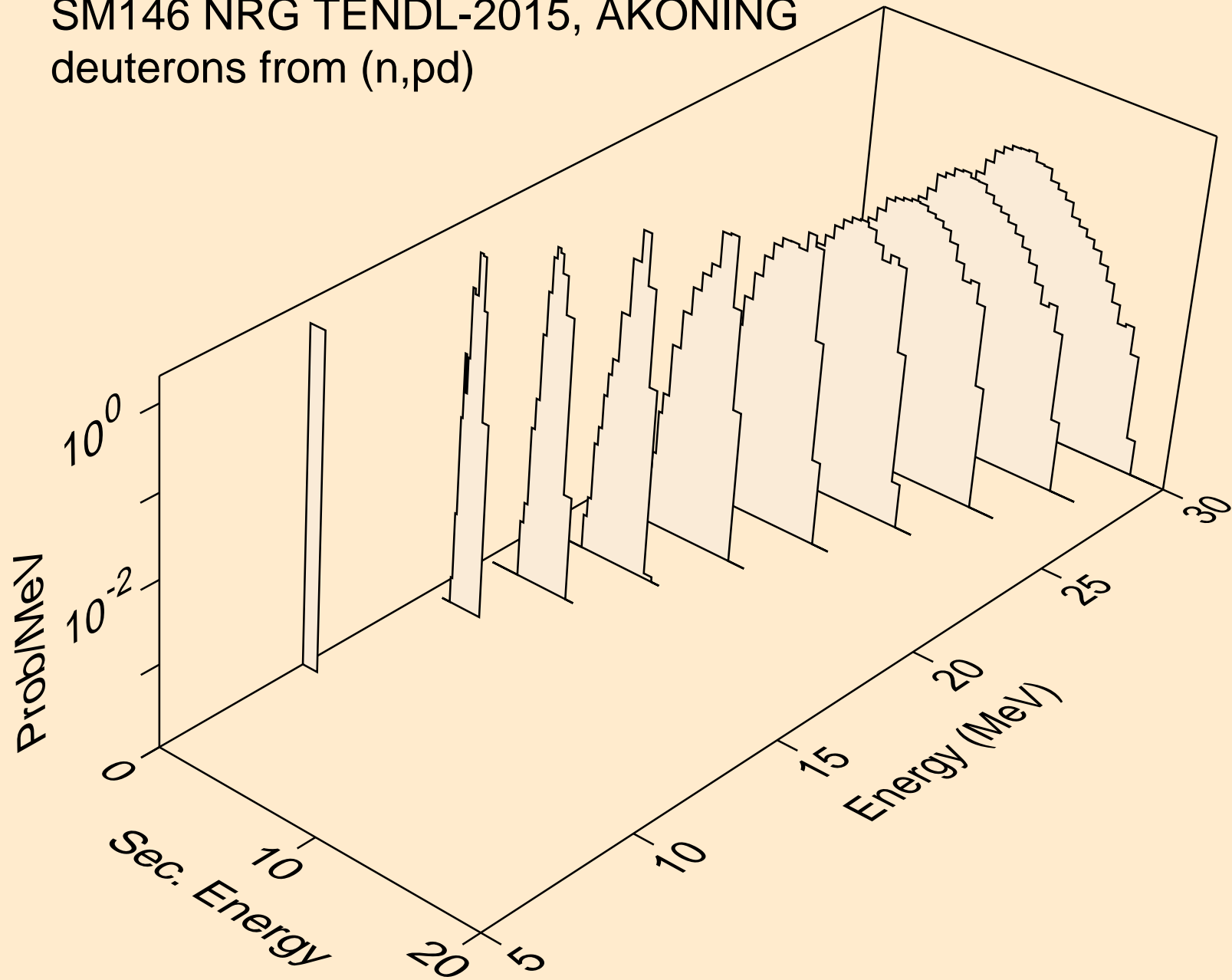
SM146 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



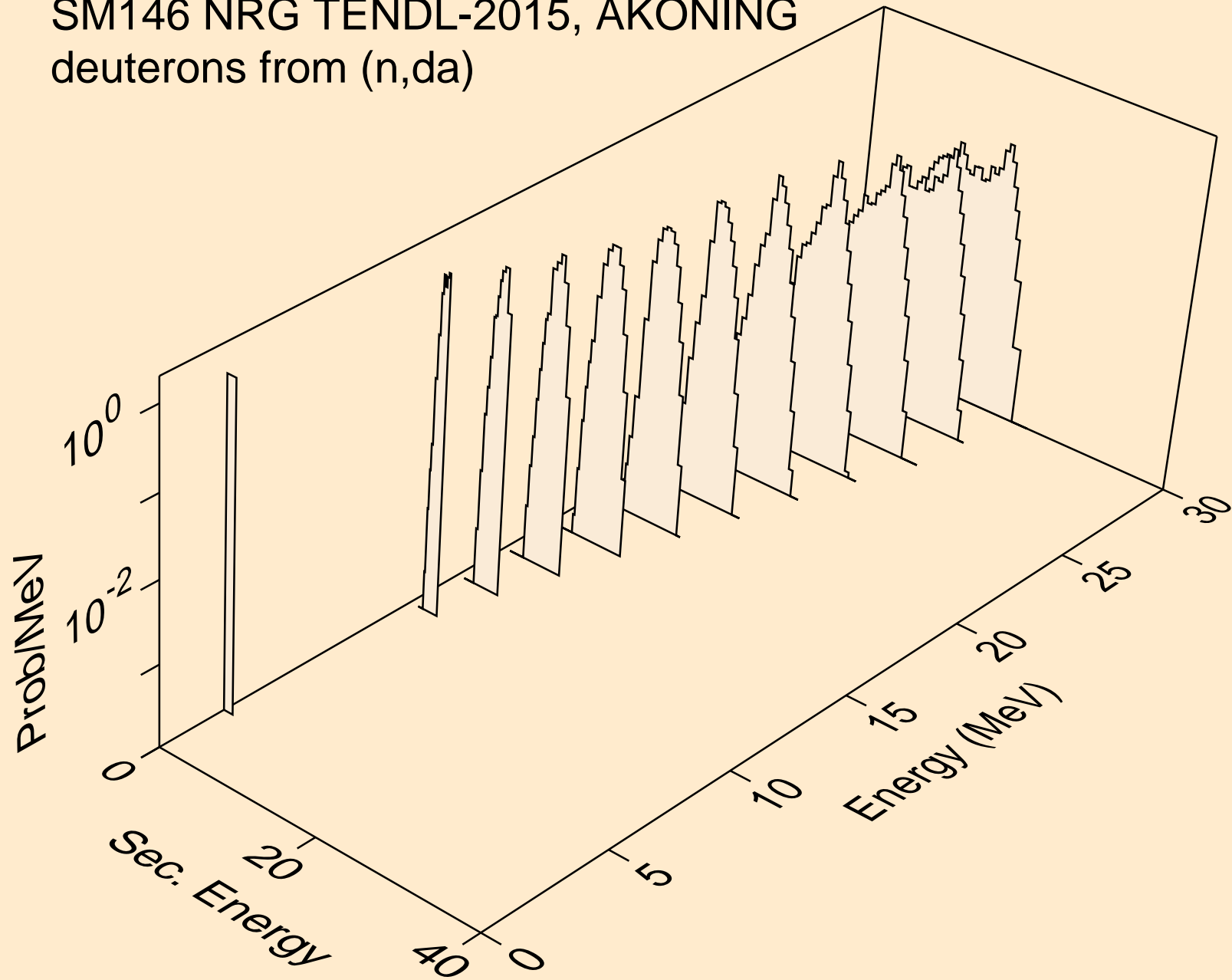
SM146 NRG TENDL-2015, AKONING  
deuterons from (n,d)



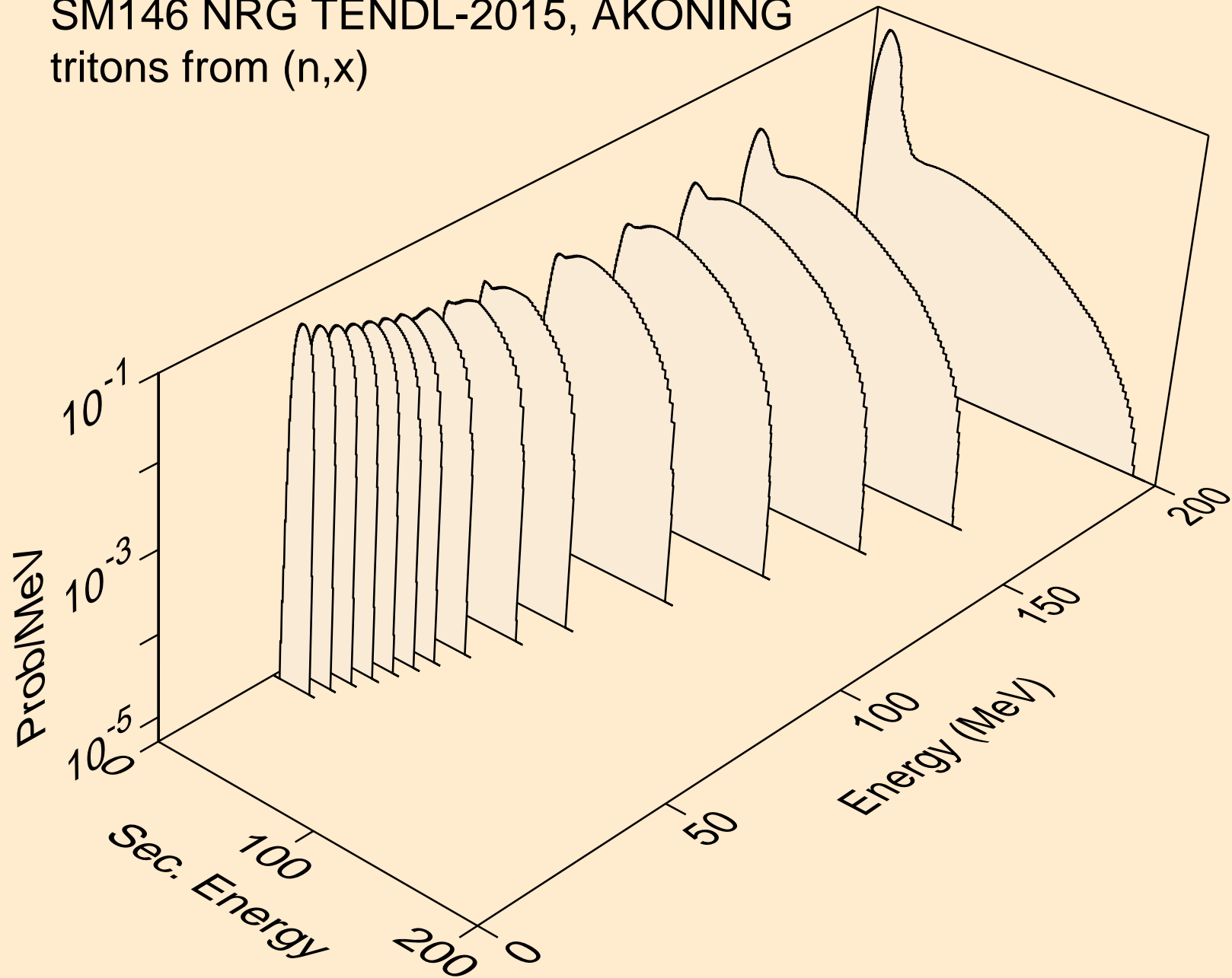
SM146 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



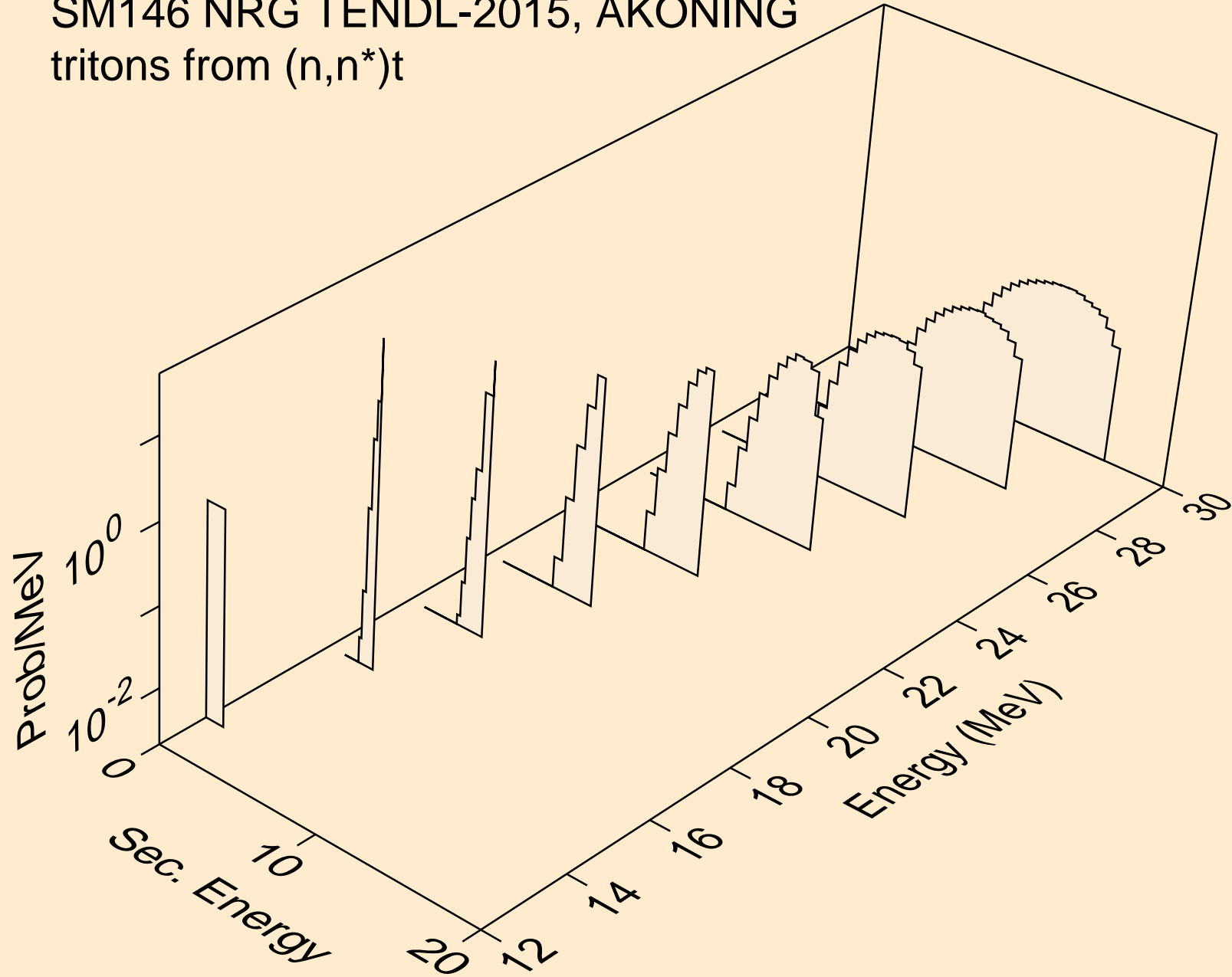
SM146 NRG TENDL-2015, AKONING  
deuterons from (n,da)



SM146 NRG TENDL-2015, AKONING  
tritons from (n,x)

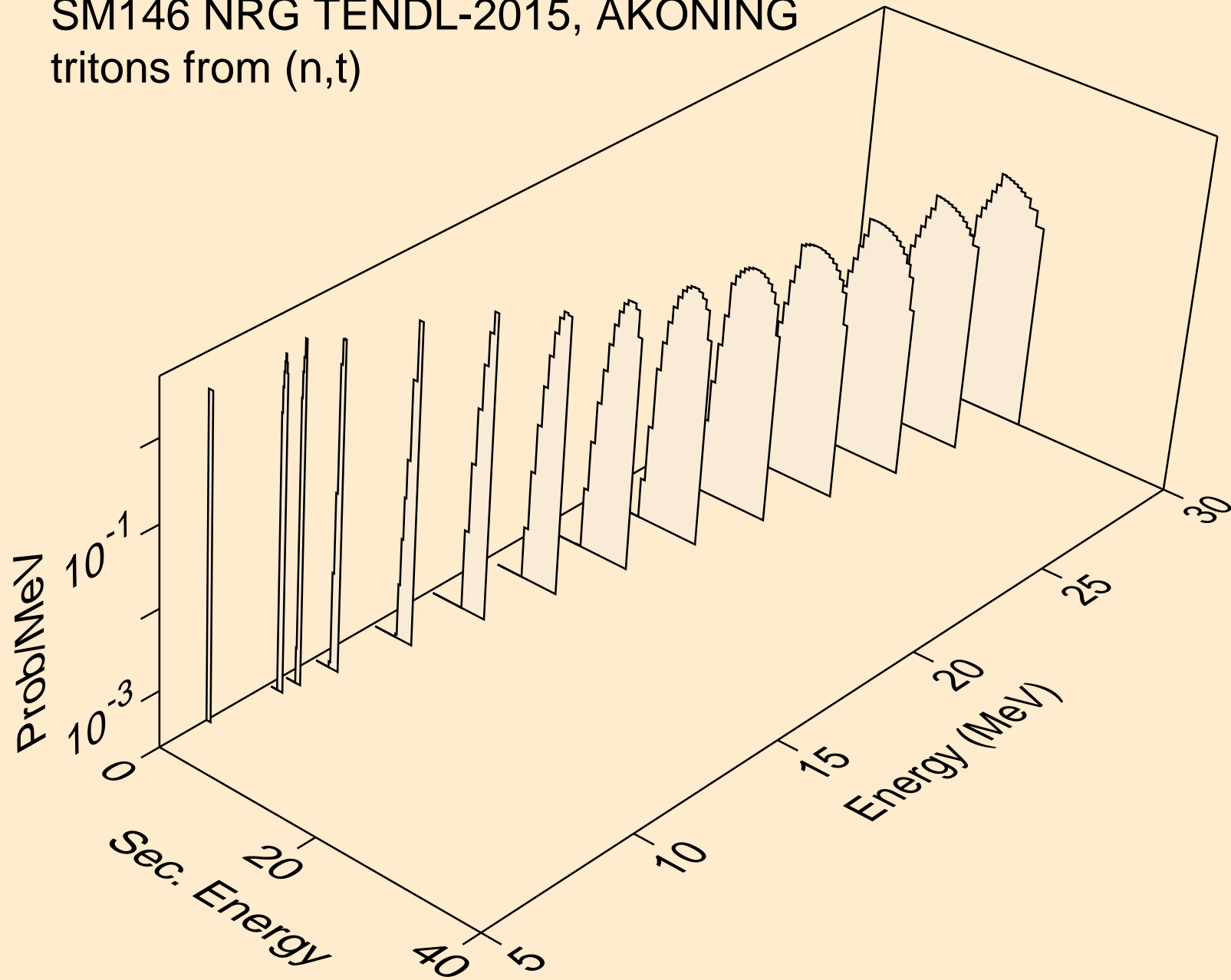


SM146 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

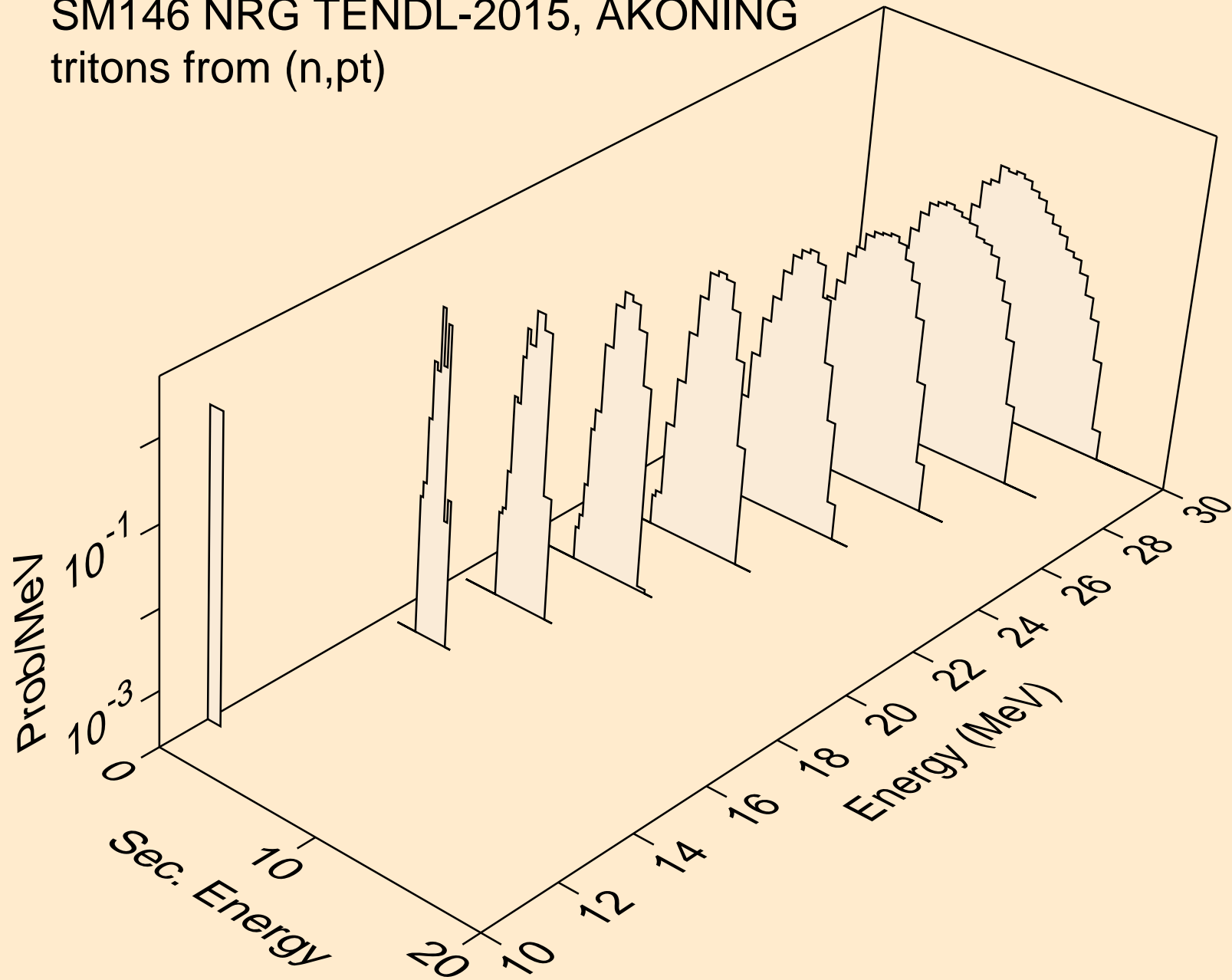




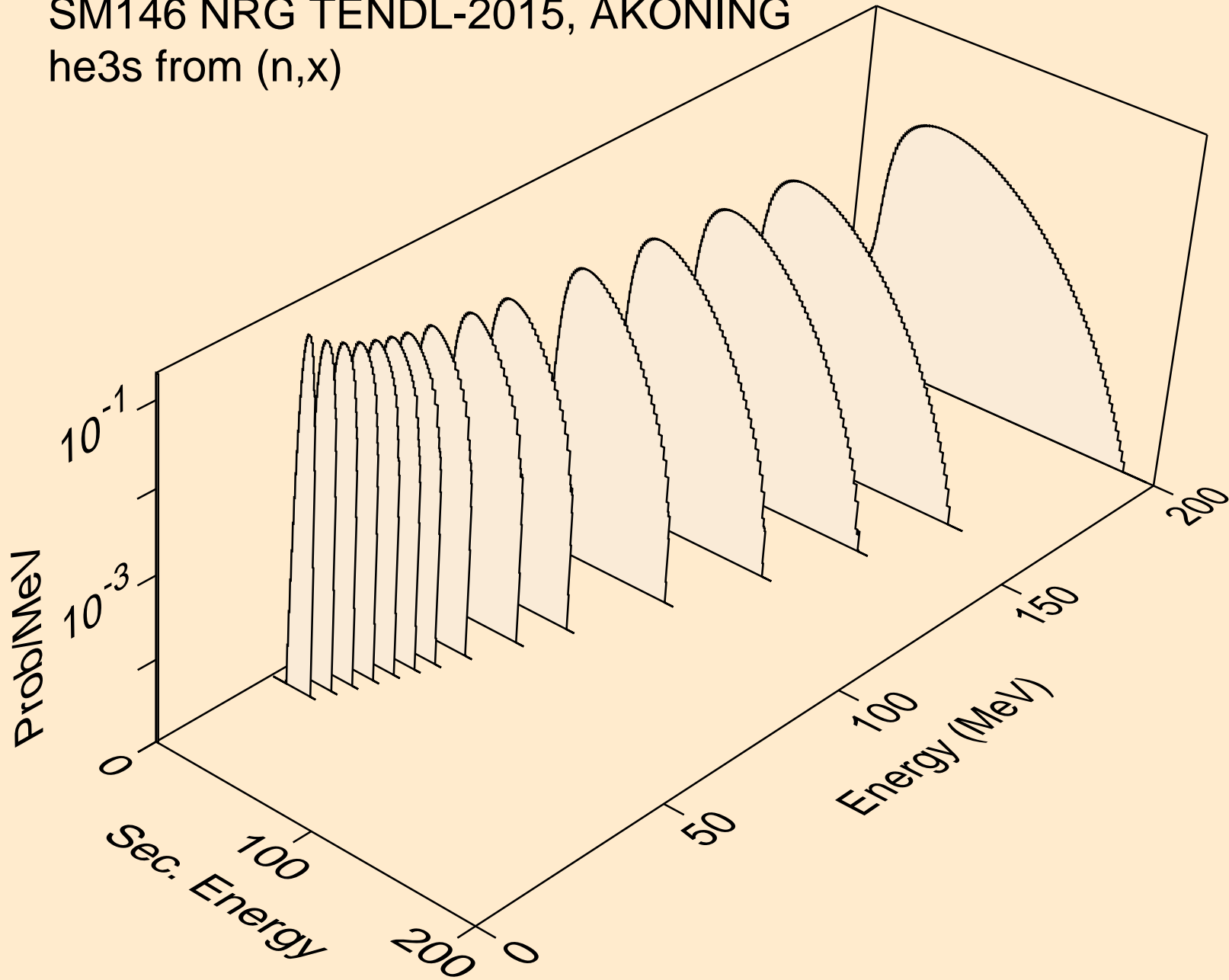
SM146 NRG TENDL-2015, AKONING  
tritons from (n,t)



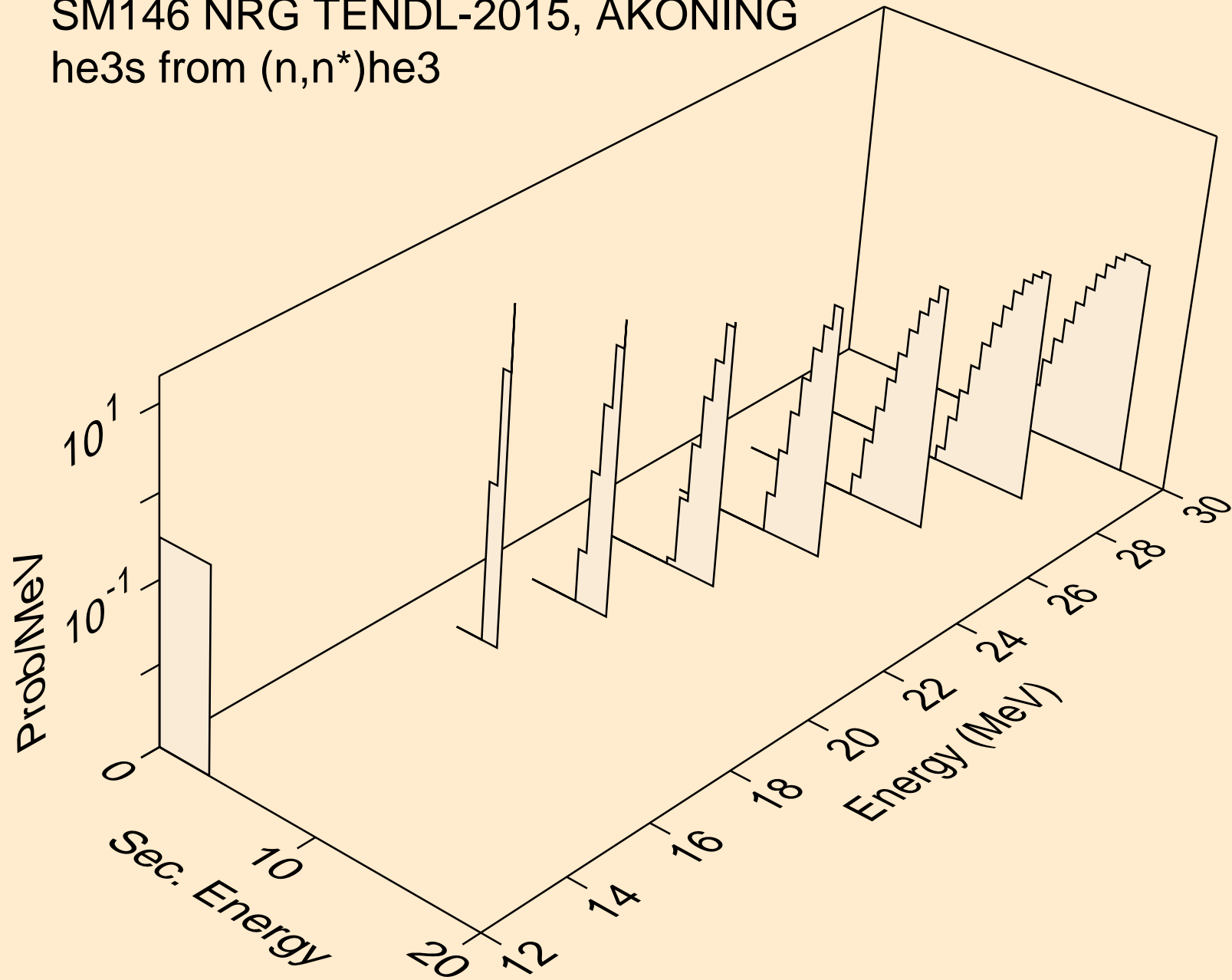
SM146 NRG TENDL-2015, AKONING  
tritons from (n,pt)



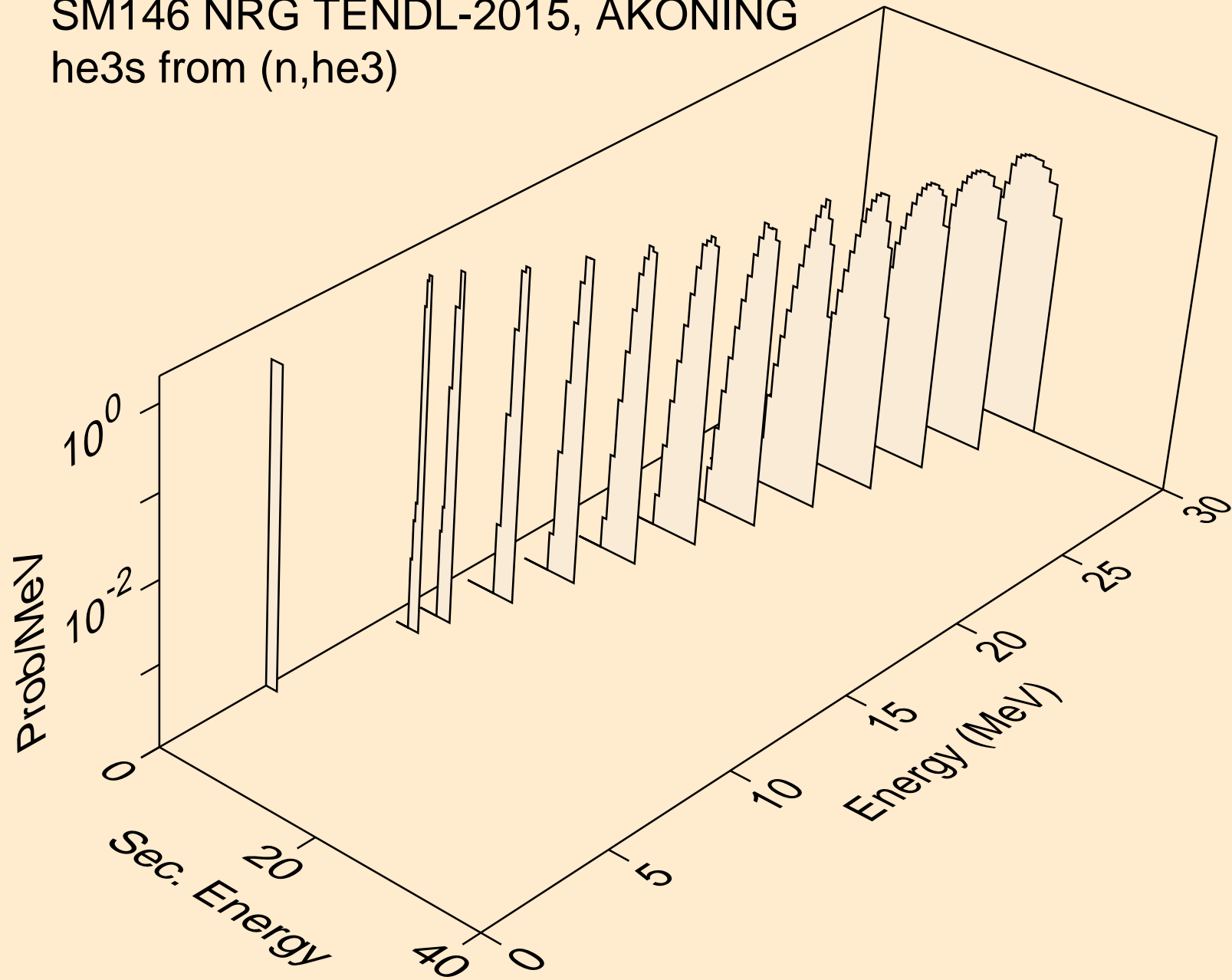
SM146 NRG TENDL-2015, AKONING  
he3s from (n,x)



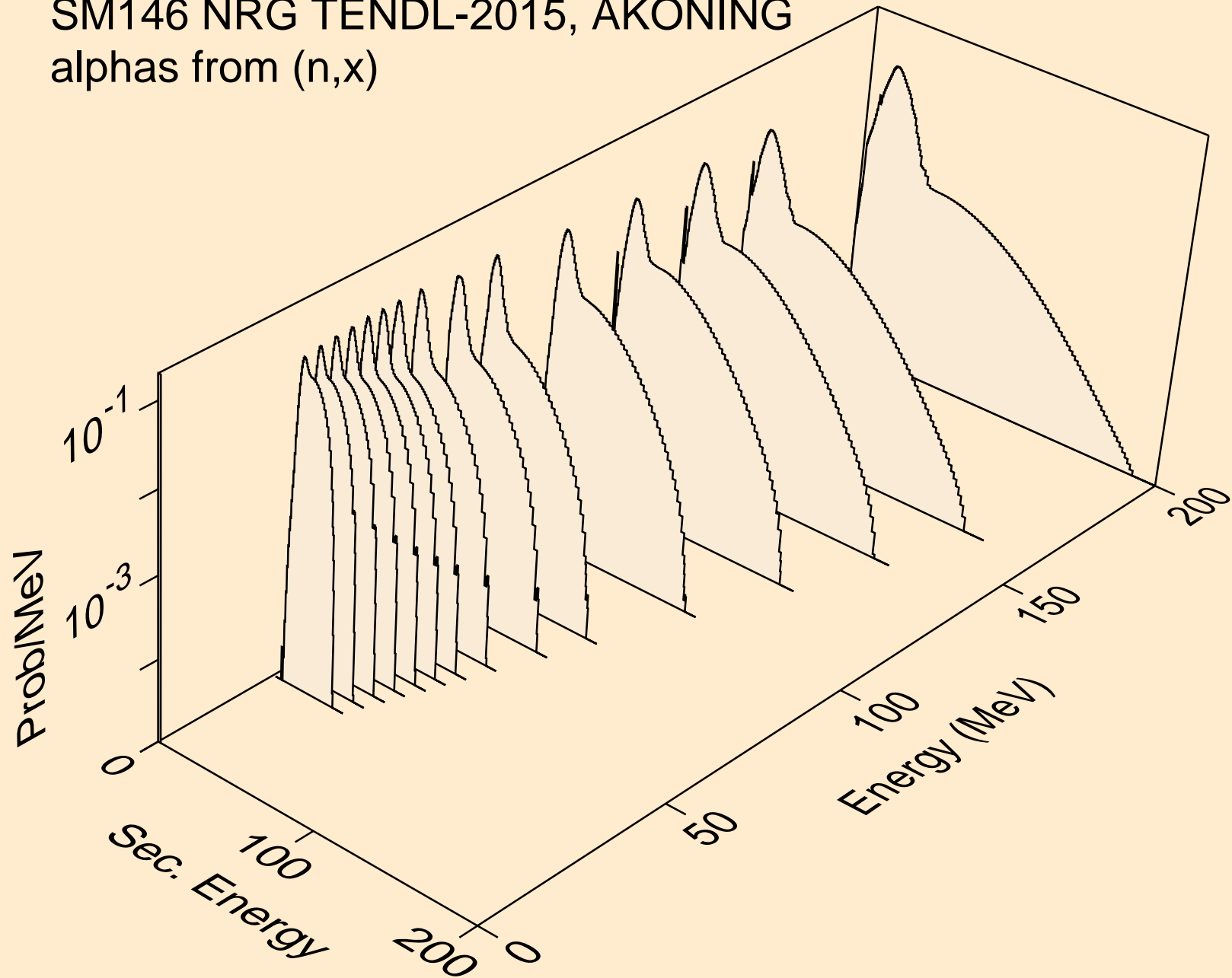
SM146 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



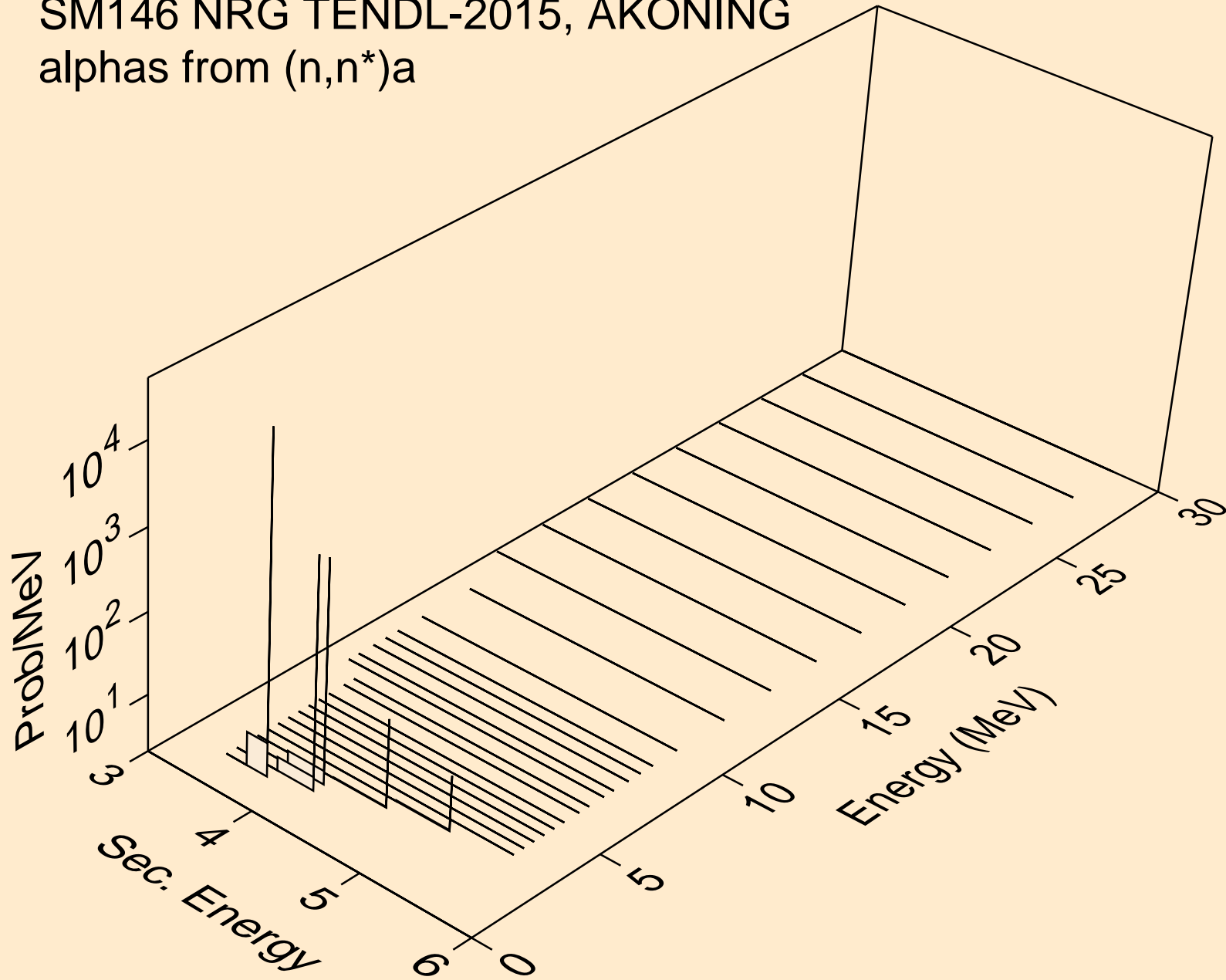
SM146 NRG TENDL-2015, AKONING  
he3s from (n,he3)



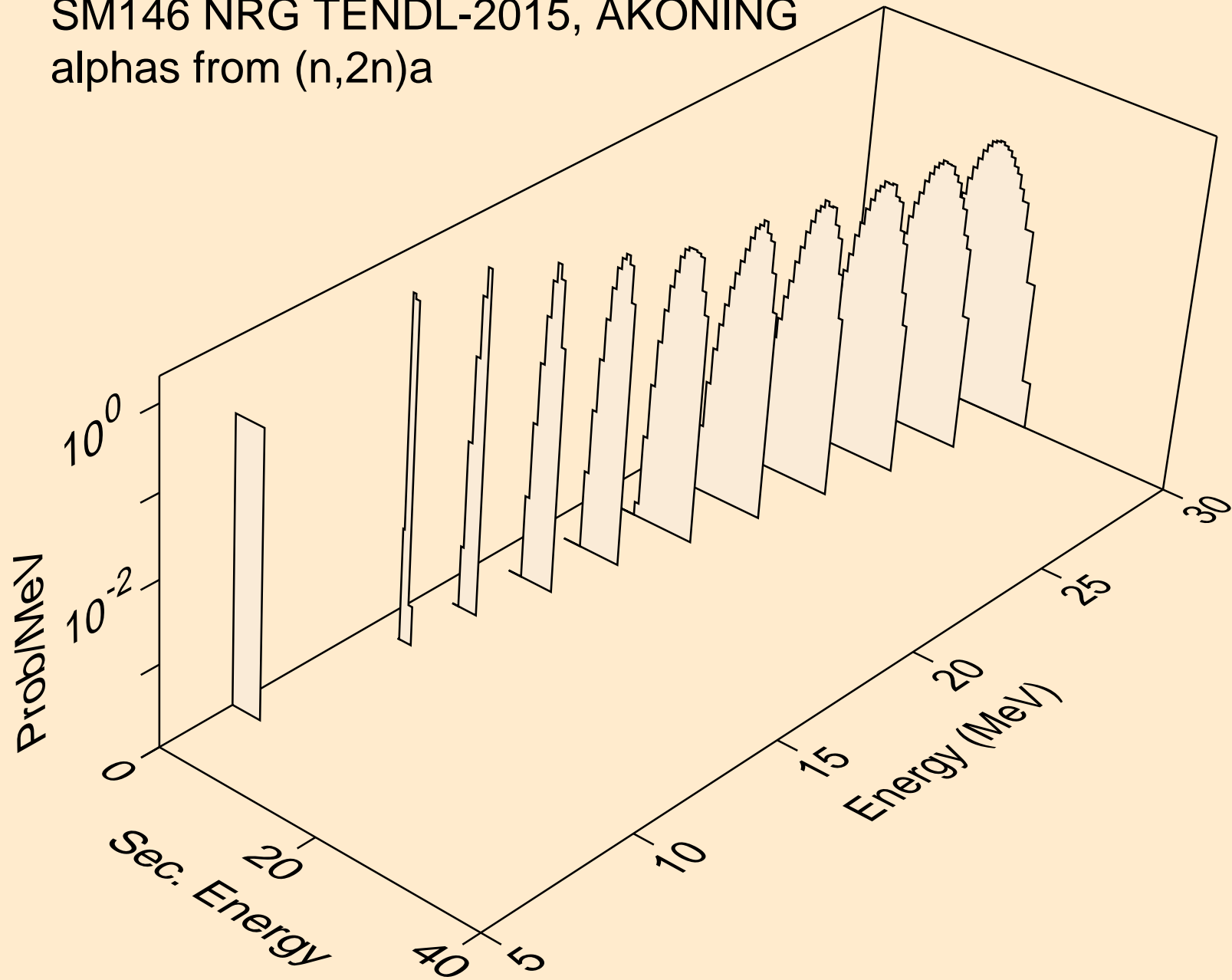
SM146 NRG TENDL-2015, AKONING  
alphas from (n,x)



SM146 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

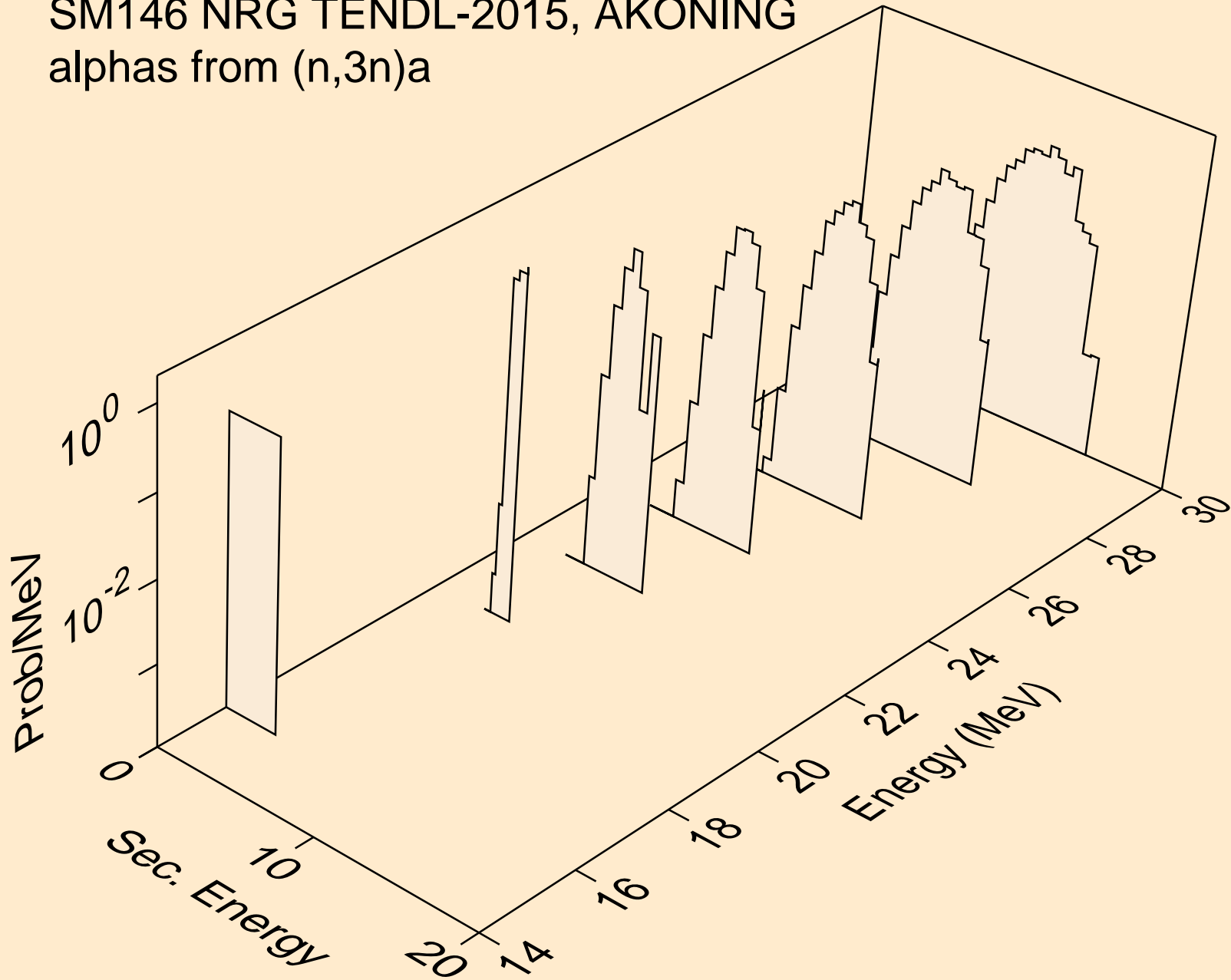


SM146 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

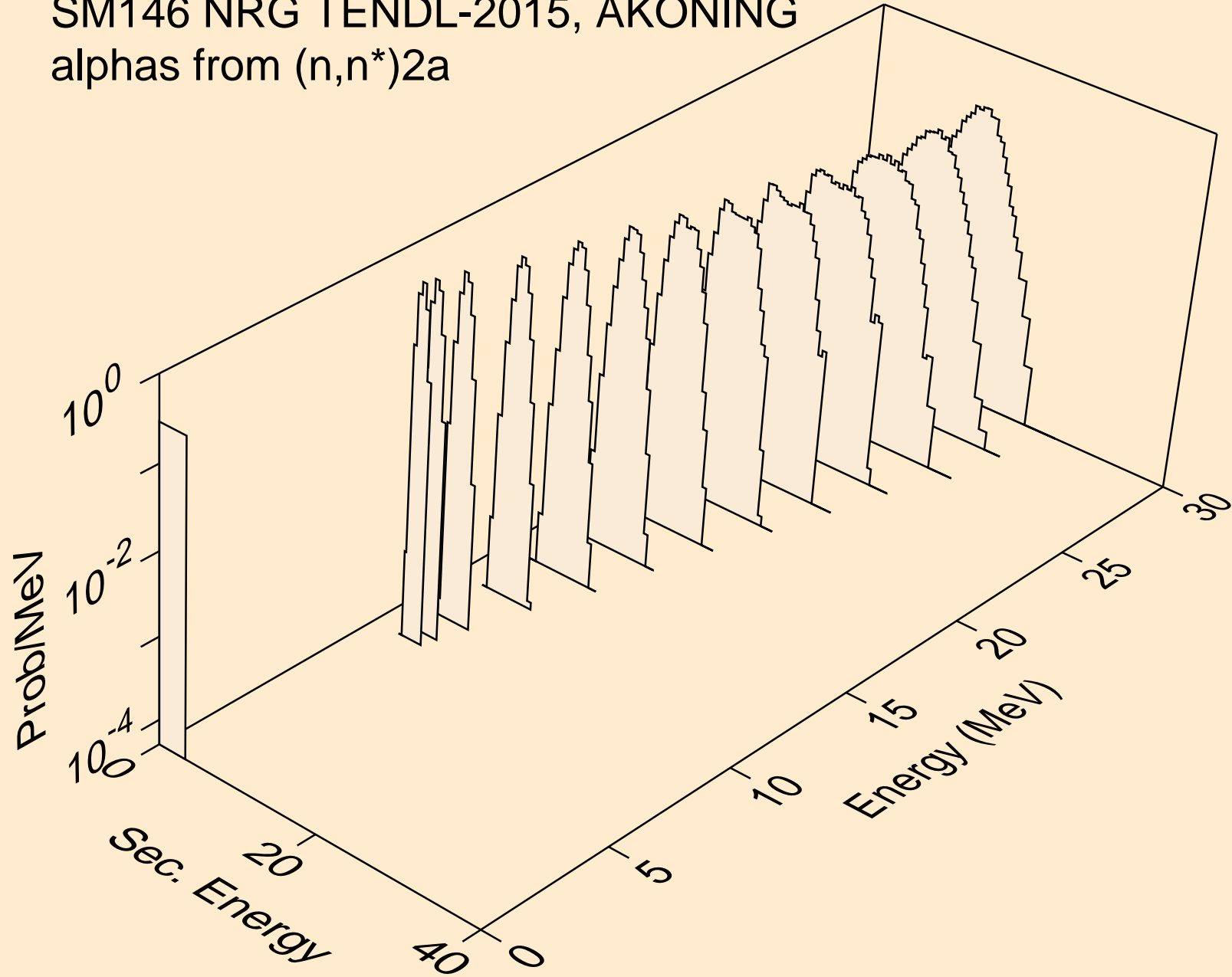




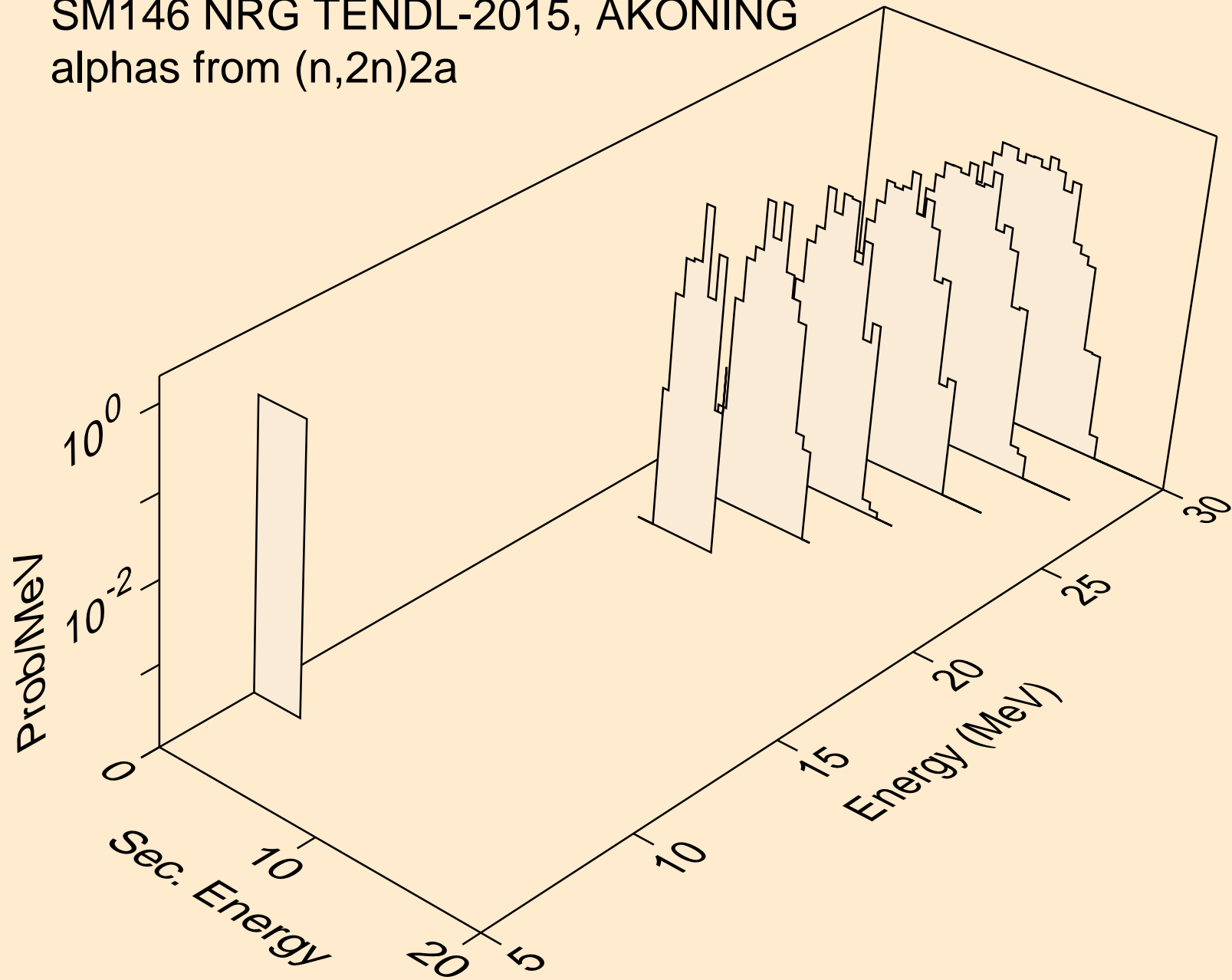
SM146 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



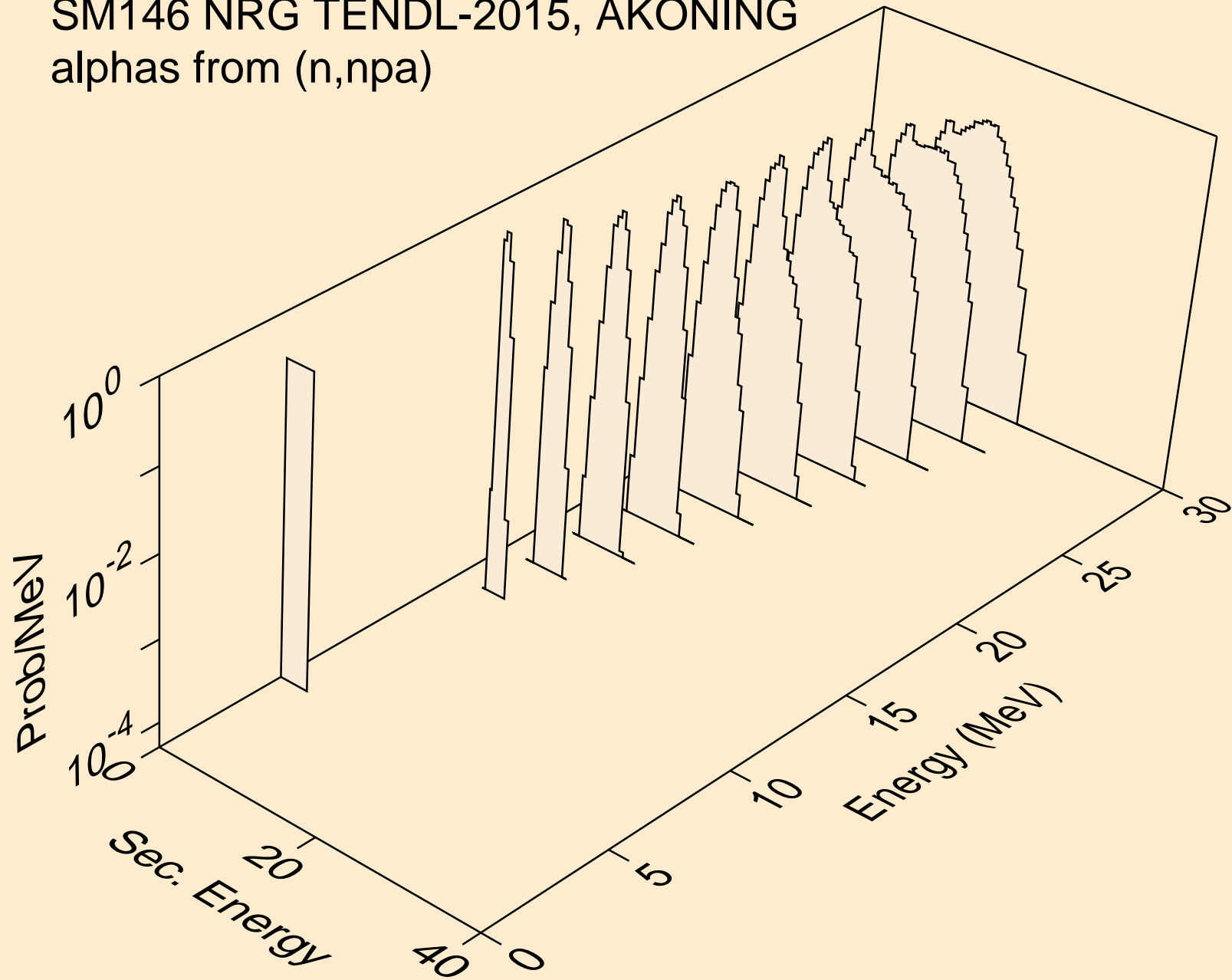
SM146 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



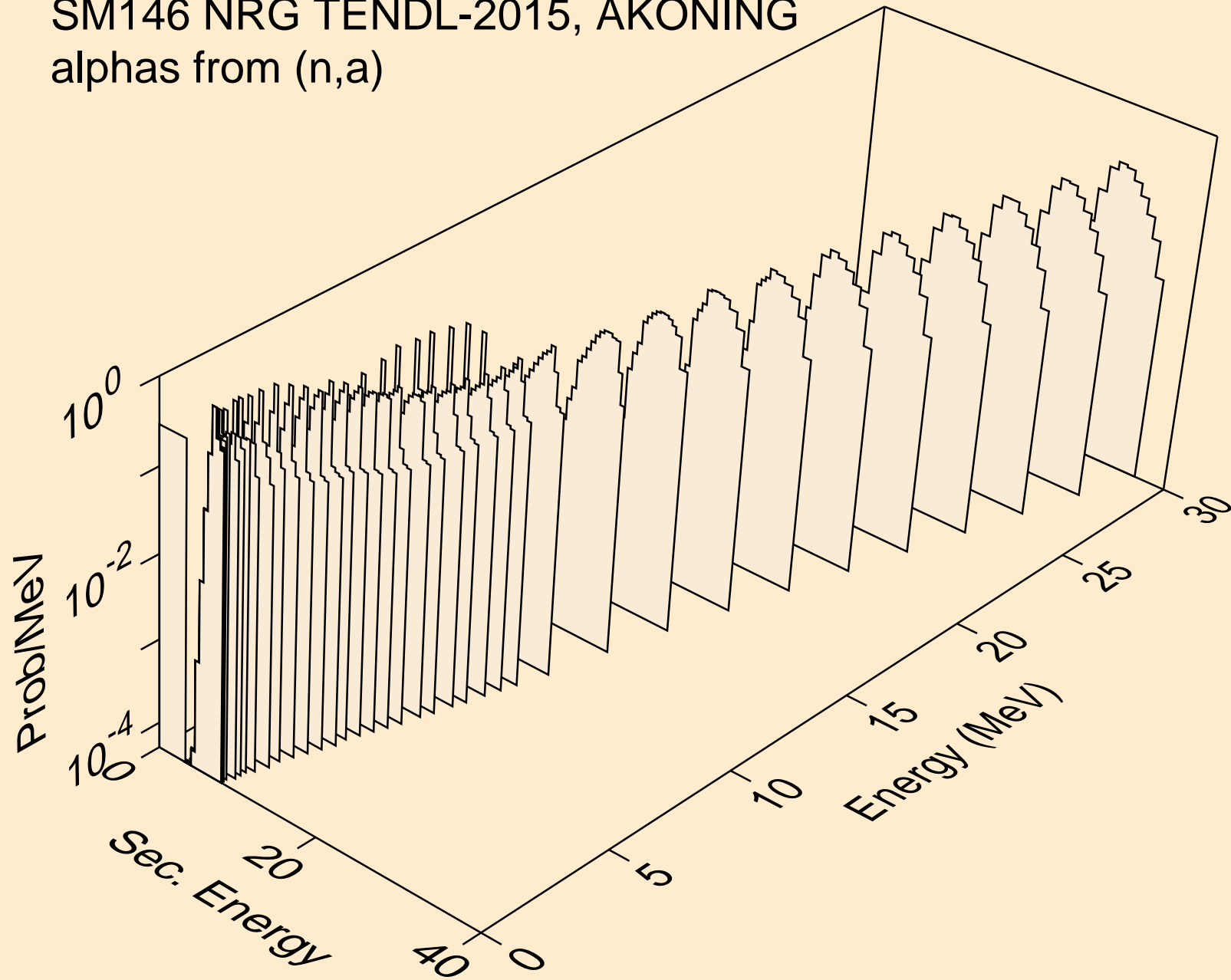
SM146 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



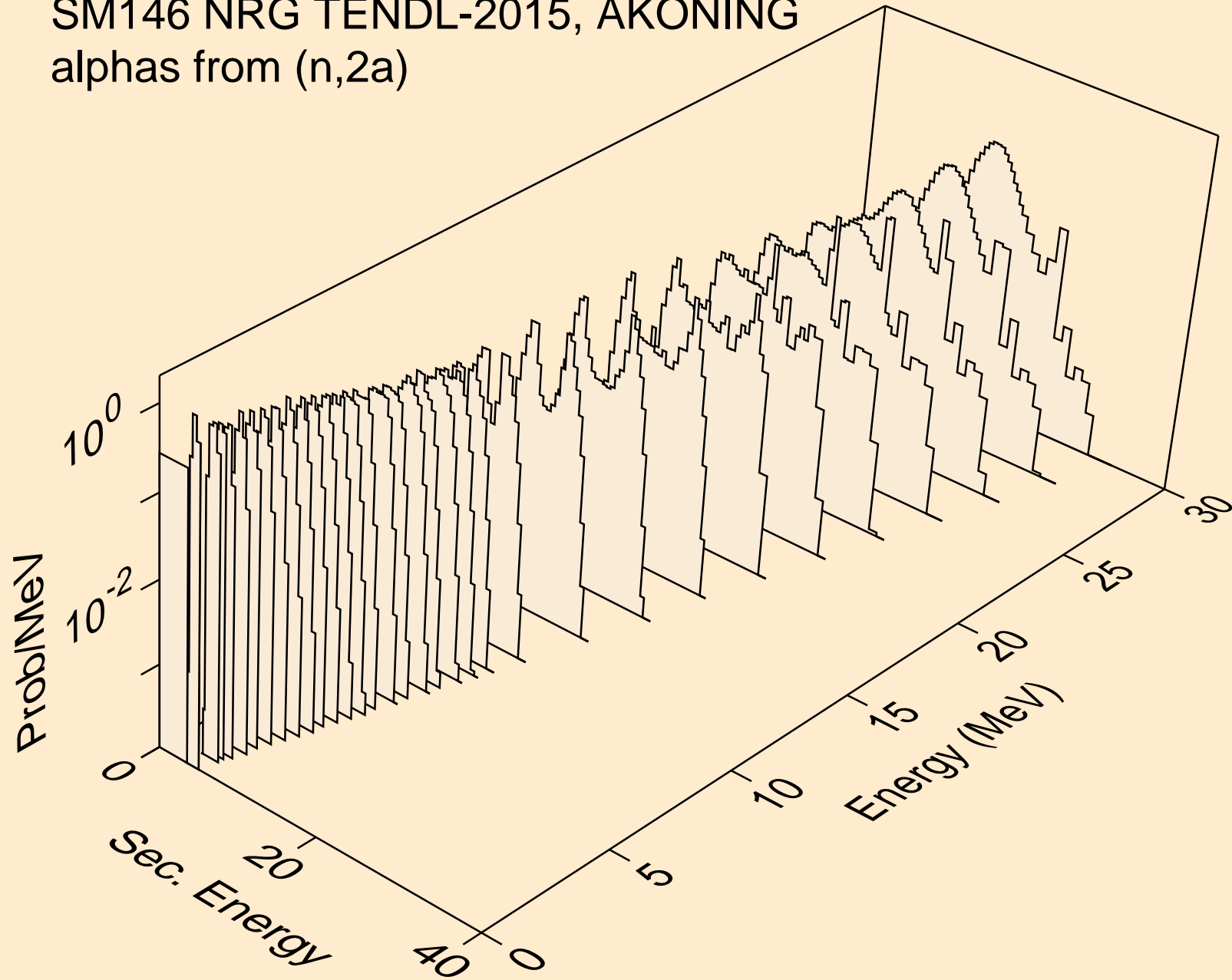
SM146 NRG TENDL-2015, AKONING  
alphas from (n,npa)



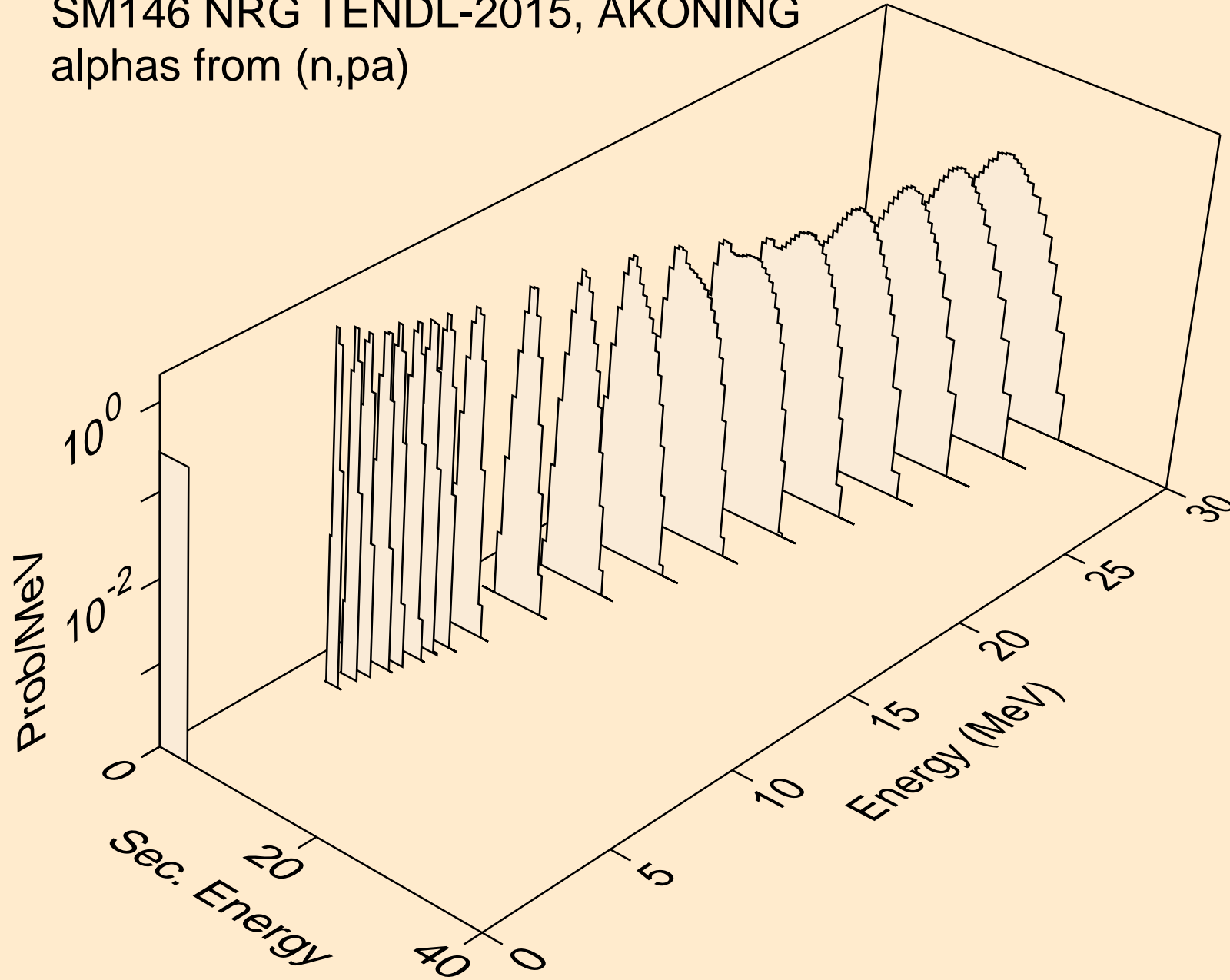
SM146 NRG TENDL-2015, AKONING  
alphas from (n,a)



SM146 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SM146 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SM146 NRG TENDL-2015, AKONING  
alphas from (n,da)

