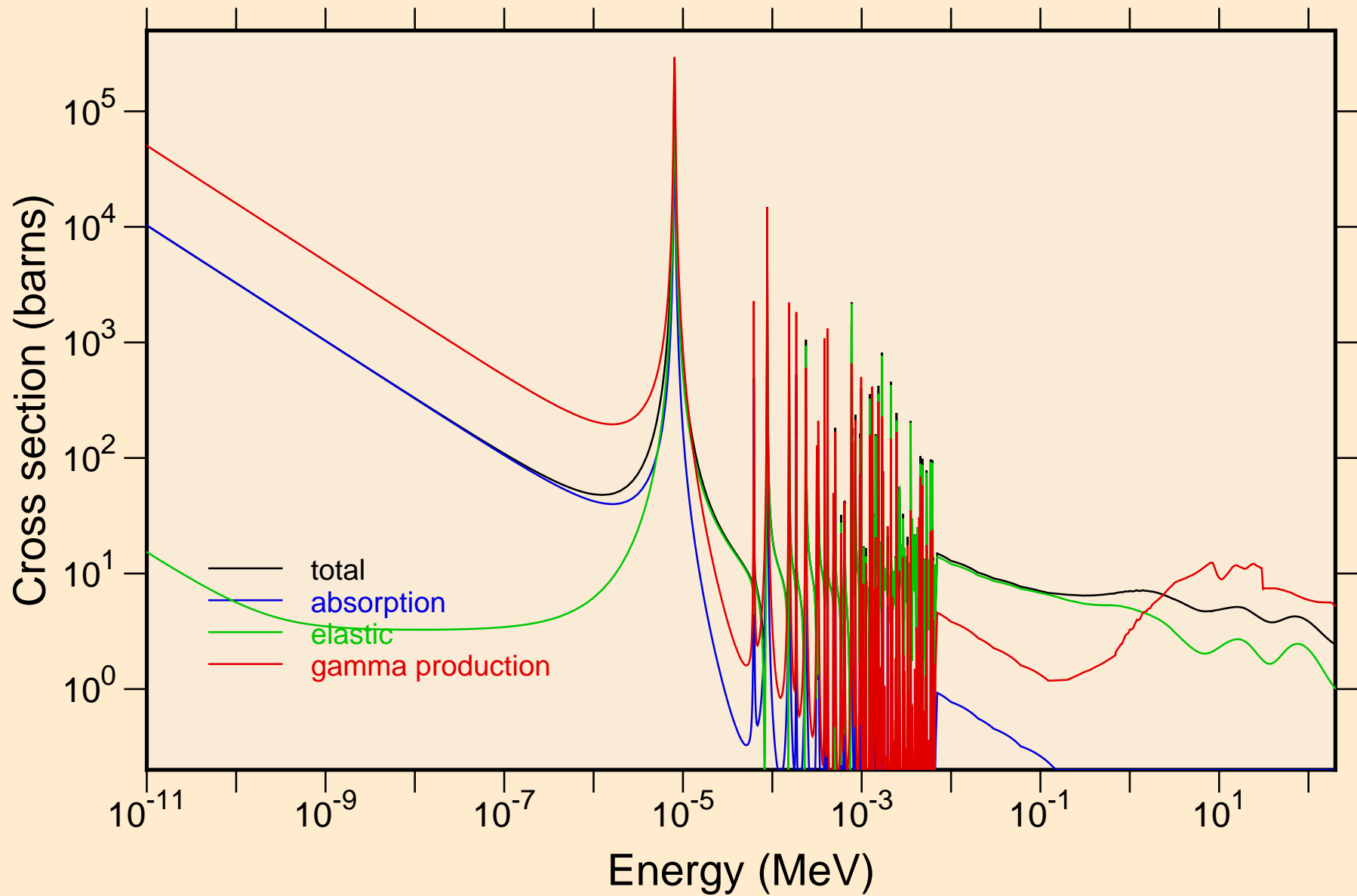
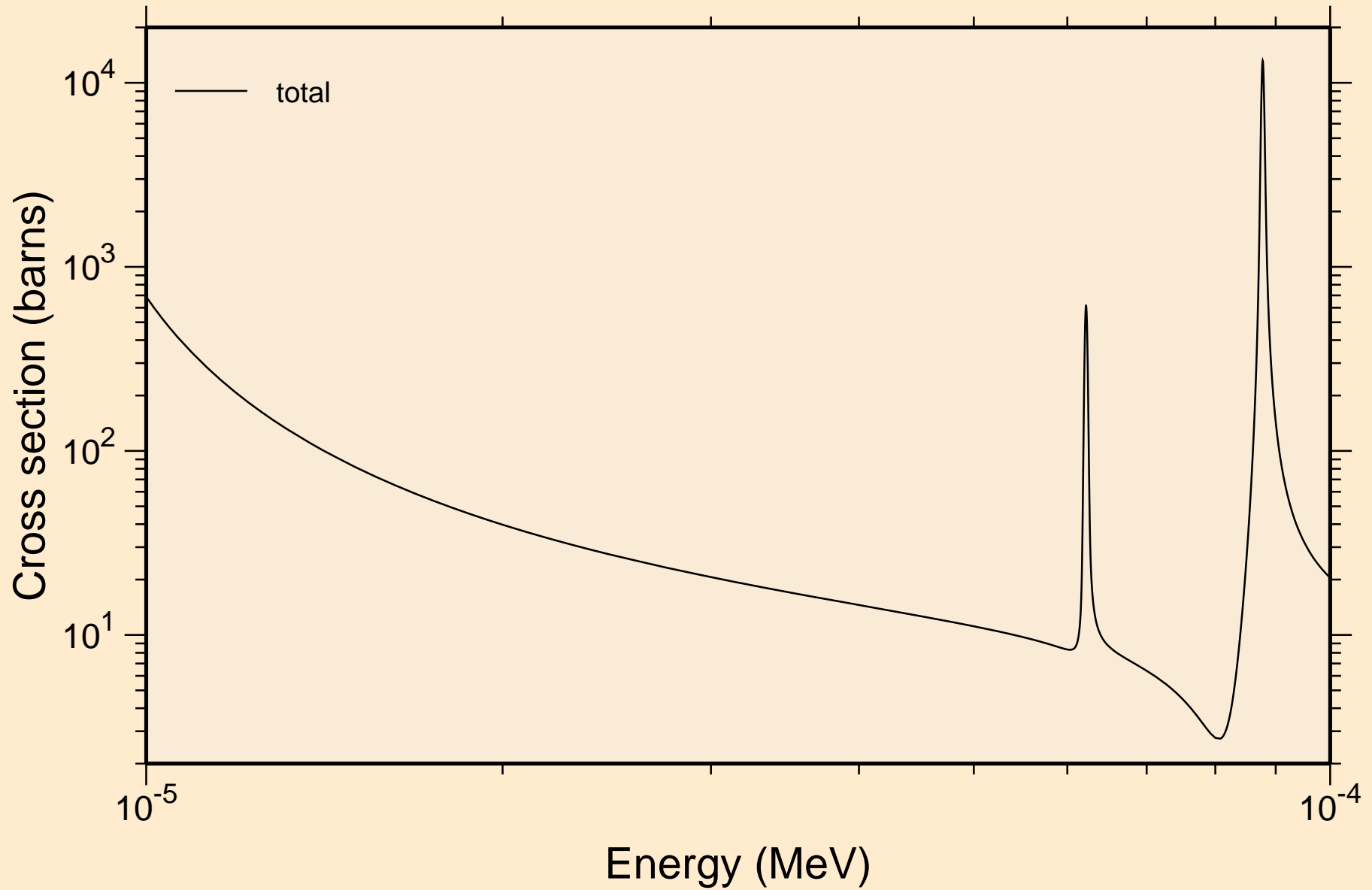


# SM152 NRG TENDL-2015, AKONING

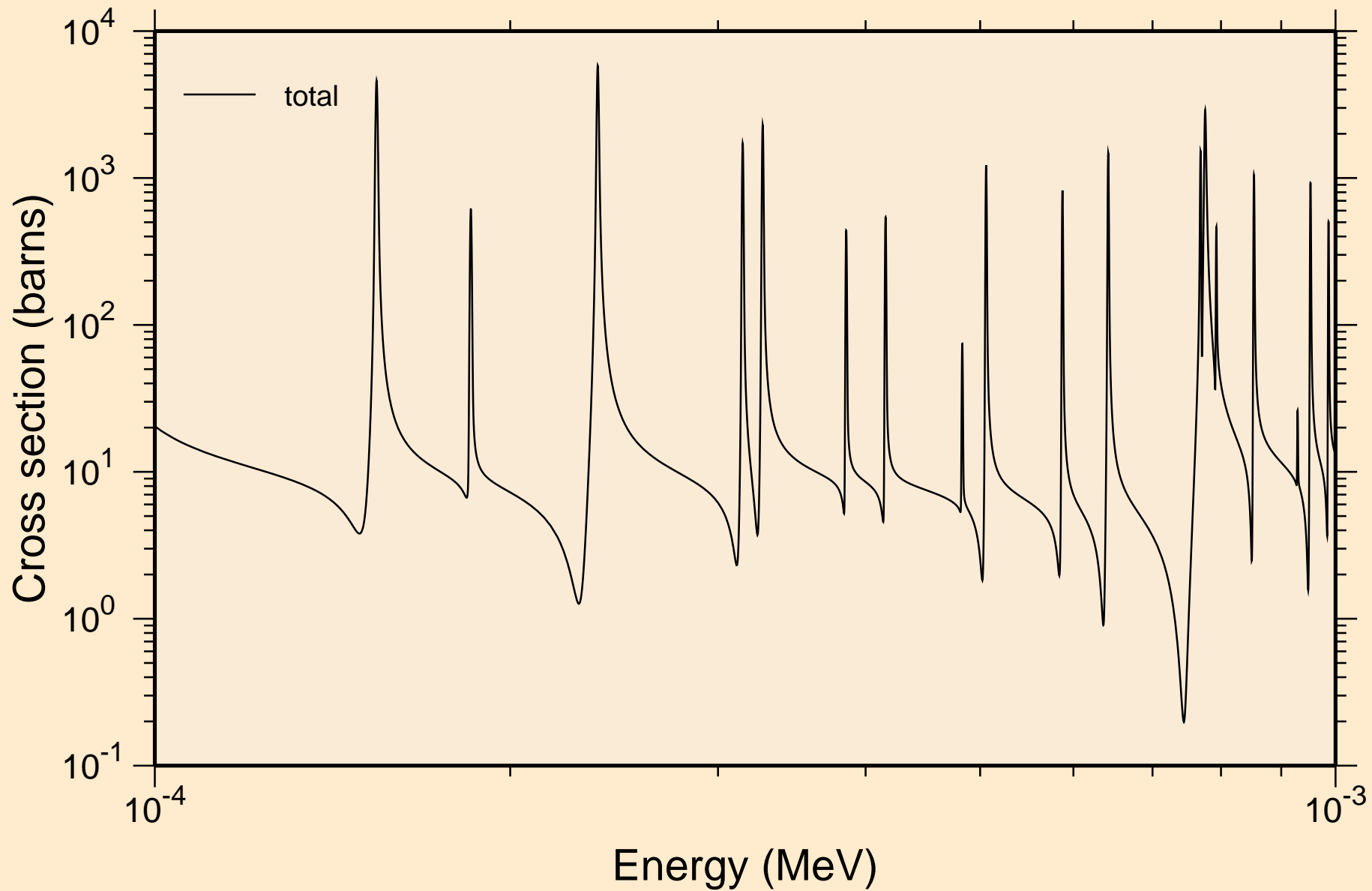
## Principal cross sections



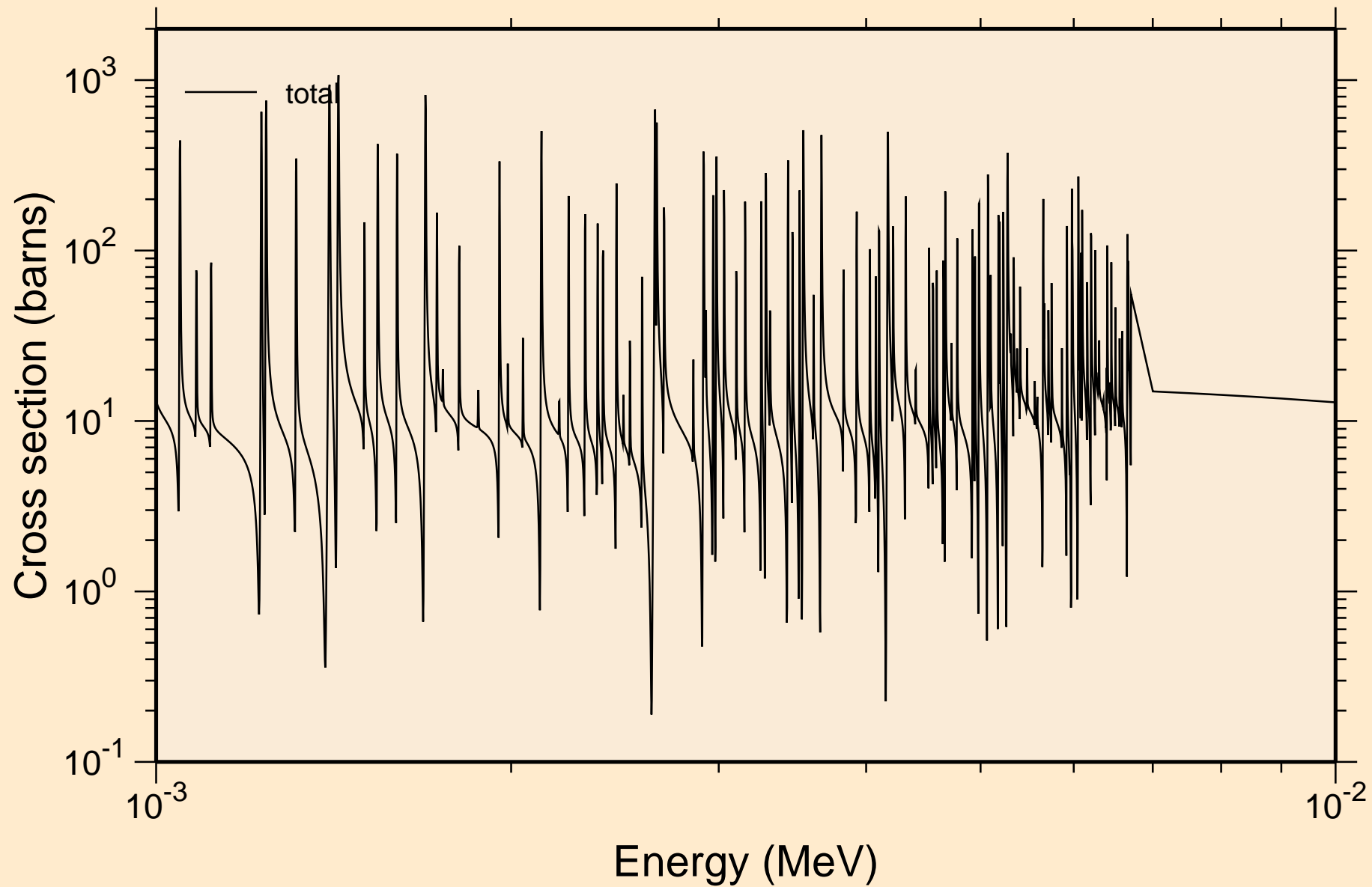
SM152 NRG TENDL-2015, AKONING  
resonance total cross section



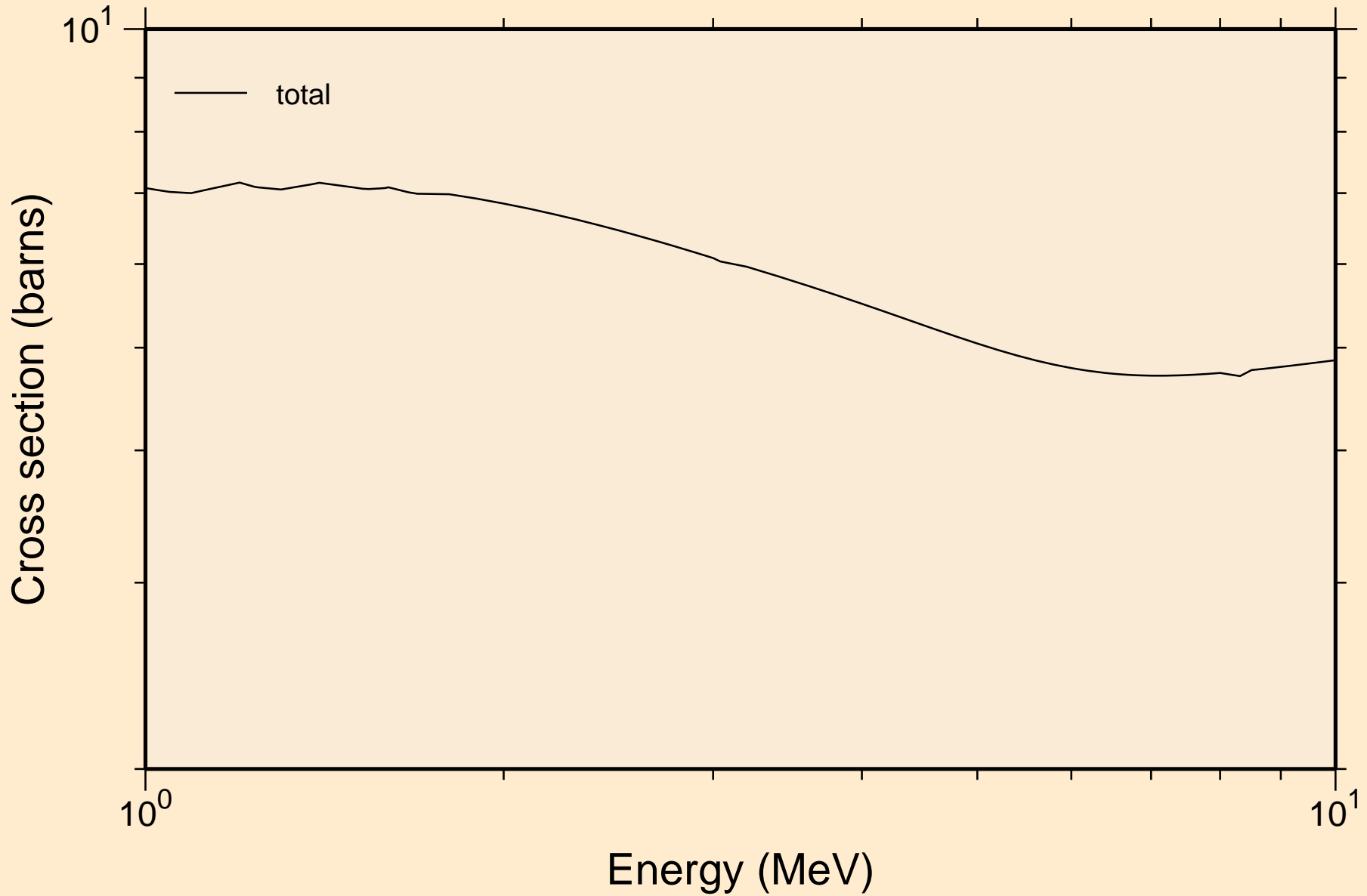
SM152 NRG TENDL-2015, AKONING  
resonance total cross section



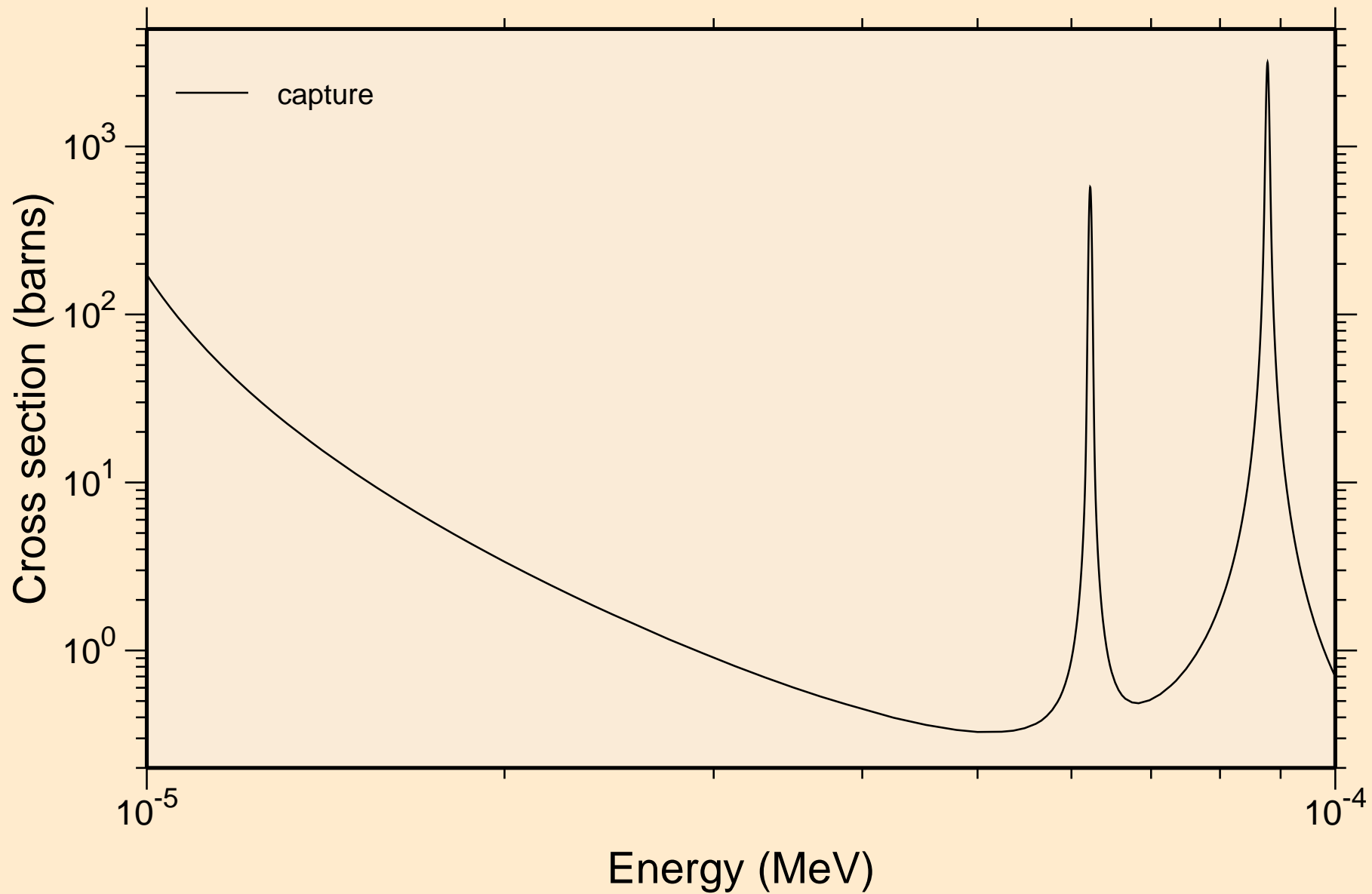
SM152 NRG TENDL-2015, AKONING  
resonance total cross section



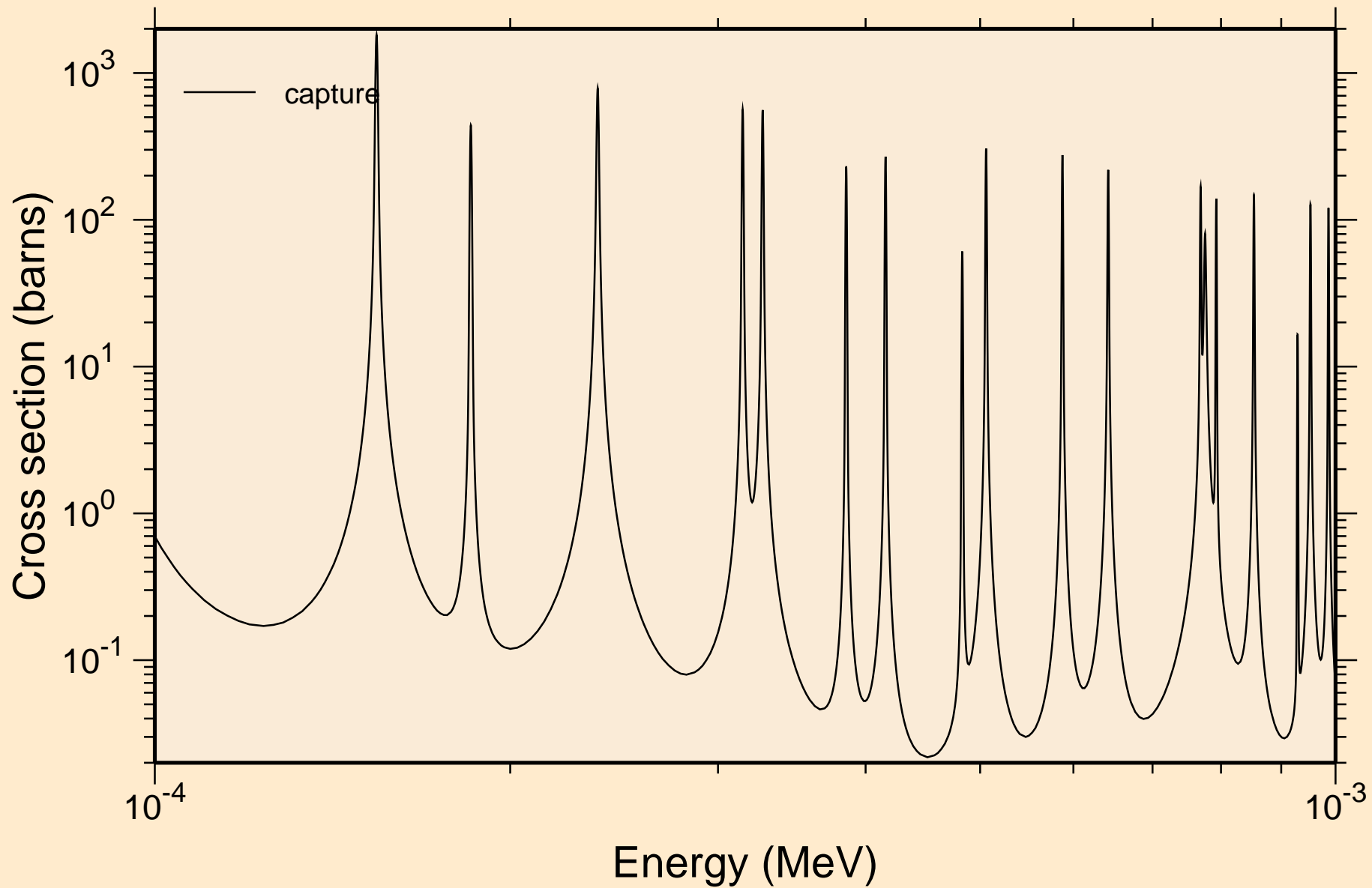
SM152 NRG TENDL-2015, AKONING  
resonance total cross section



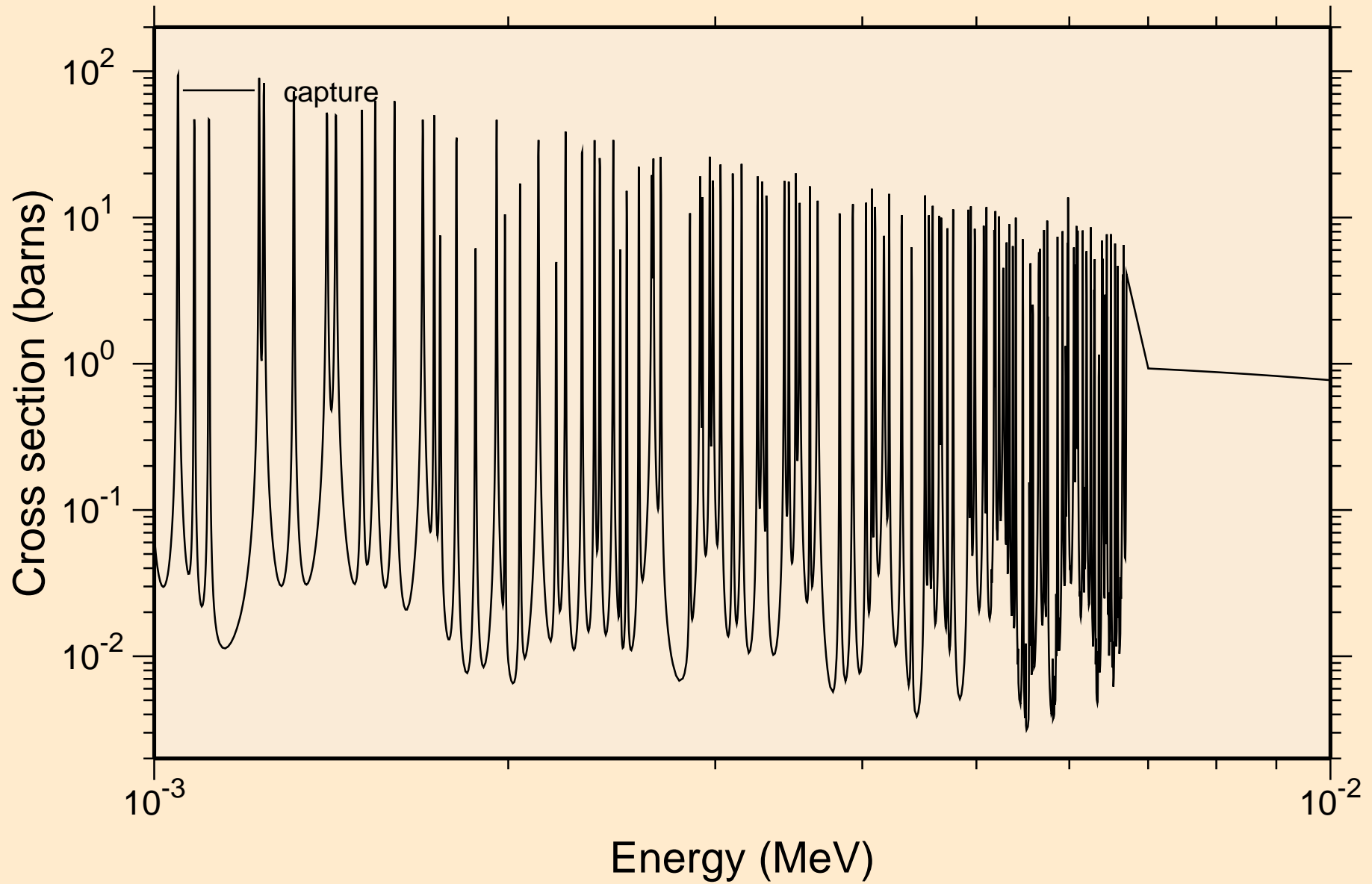
SM152 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SM152 NRG TENDL-2015, AKONING  
resonance absorption cross sections

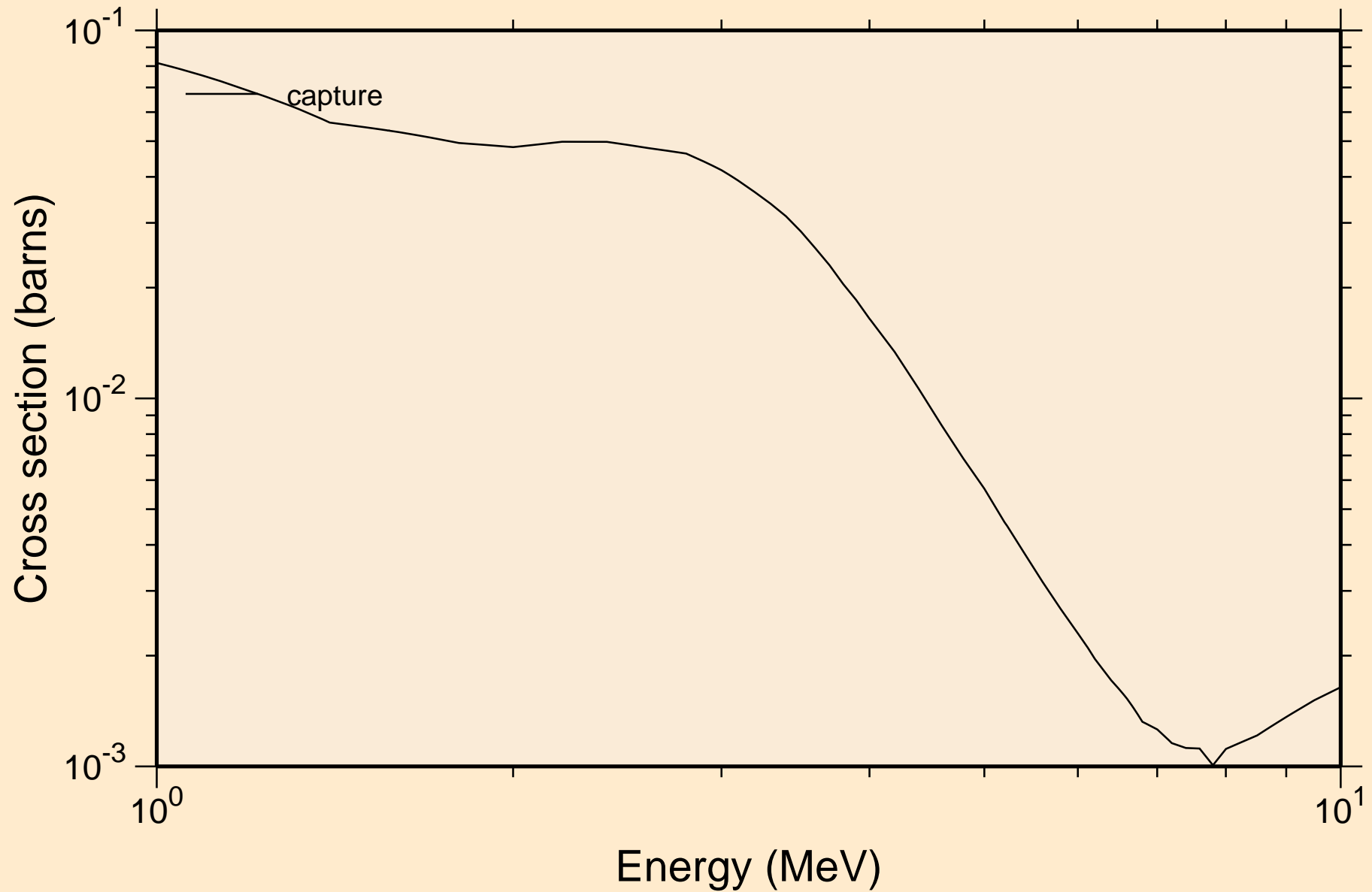


SM152 NRG TENDL-2015, AKONING  
resonance absorption cross sections



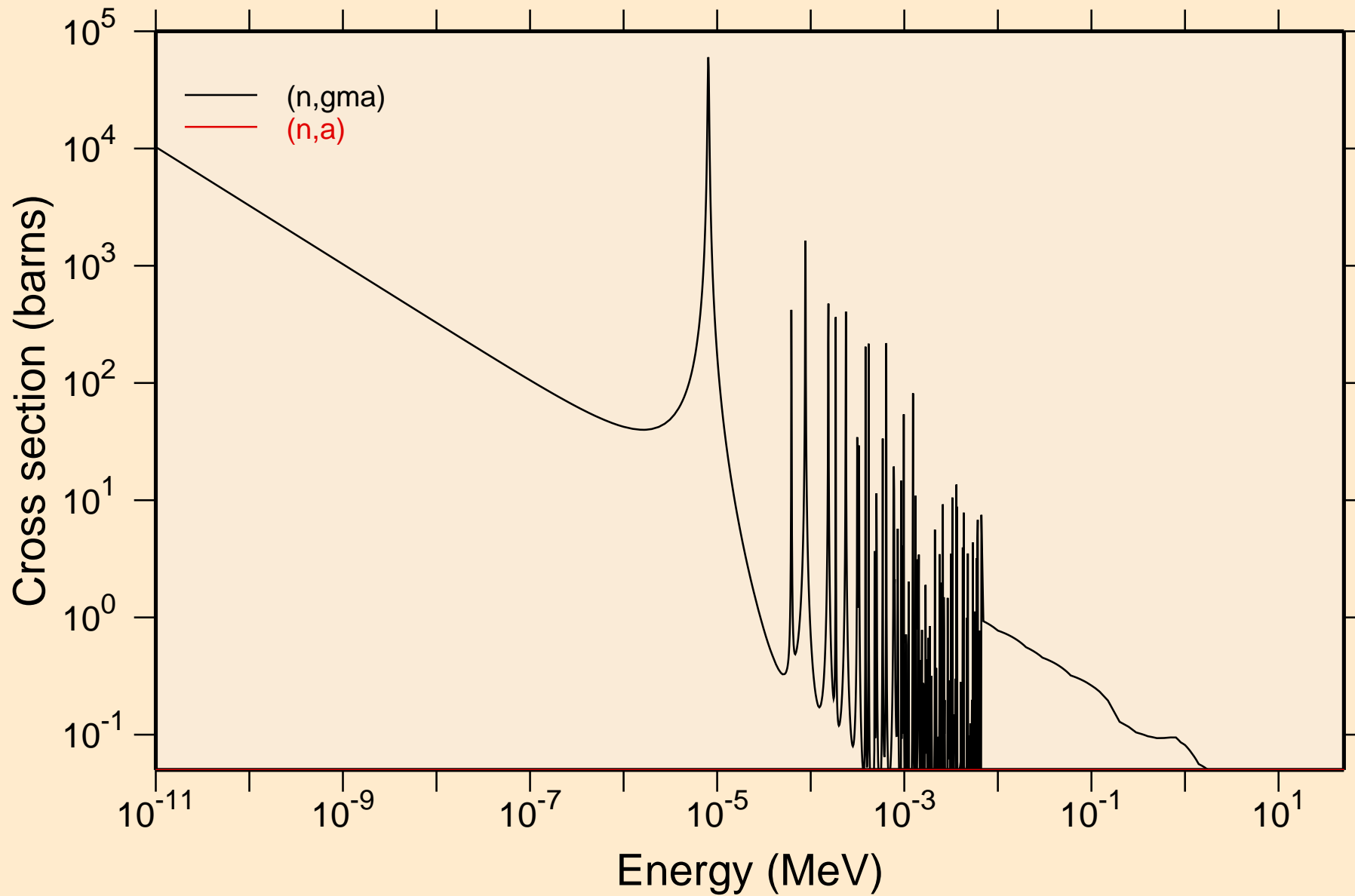


SM152 NRG TENDL-2015, AKONING  
resonance absorption cross sections



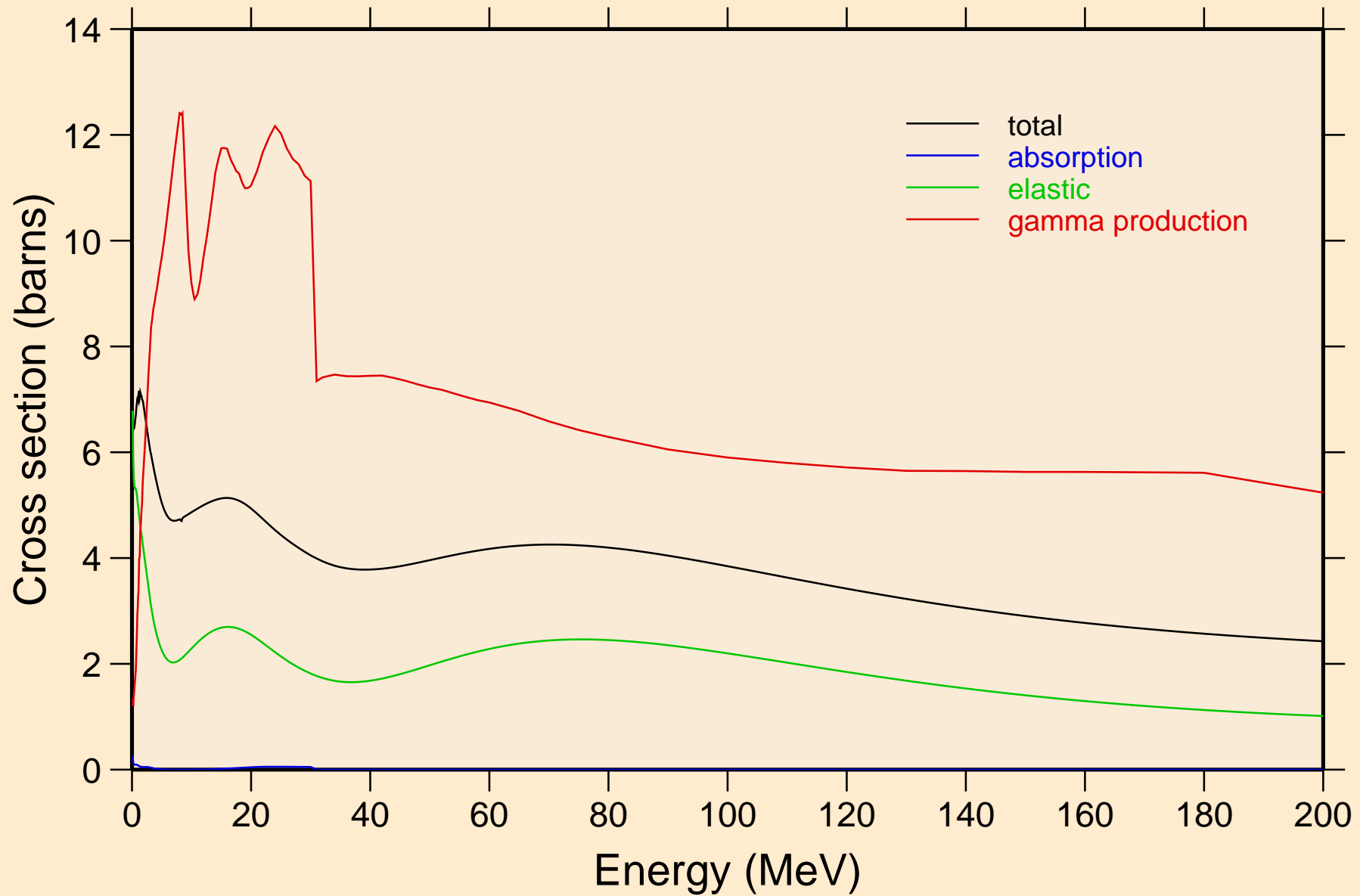
# SM152 NRG TENDL-2015, AKONING

## Non-threshold reactions



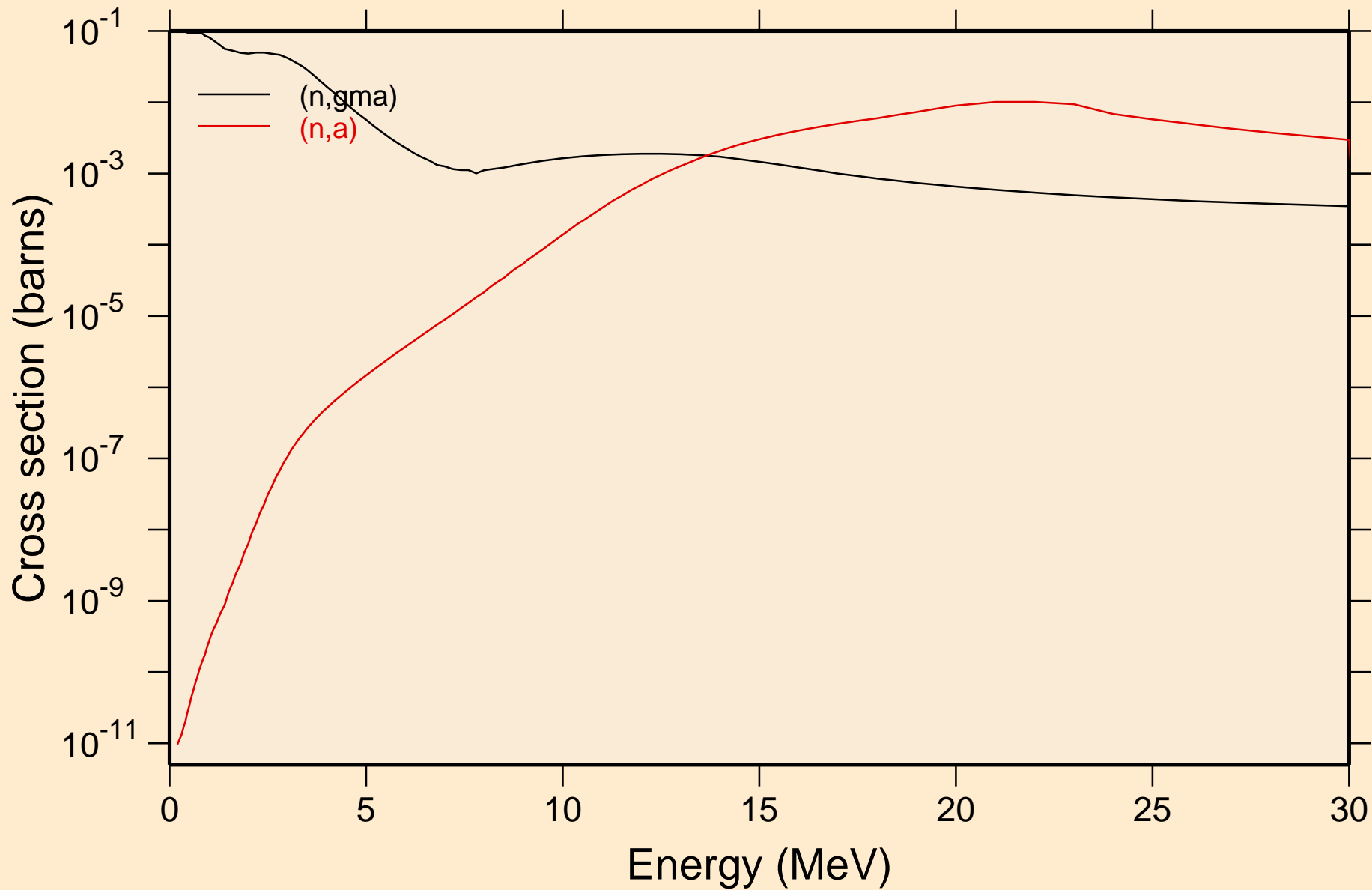
# SM152 NRG TENDL-2015, AKONING

## Principal cross sections



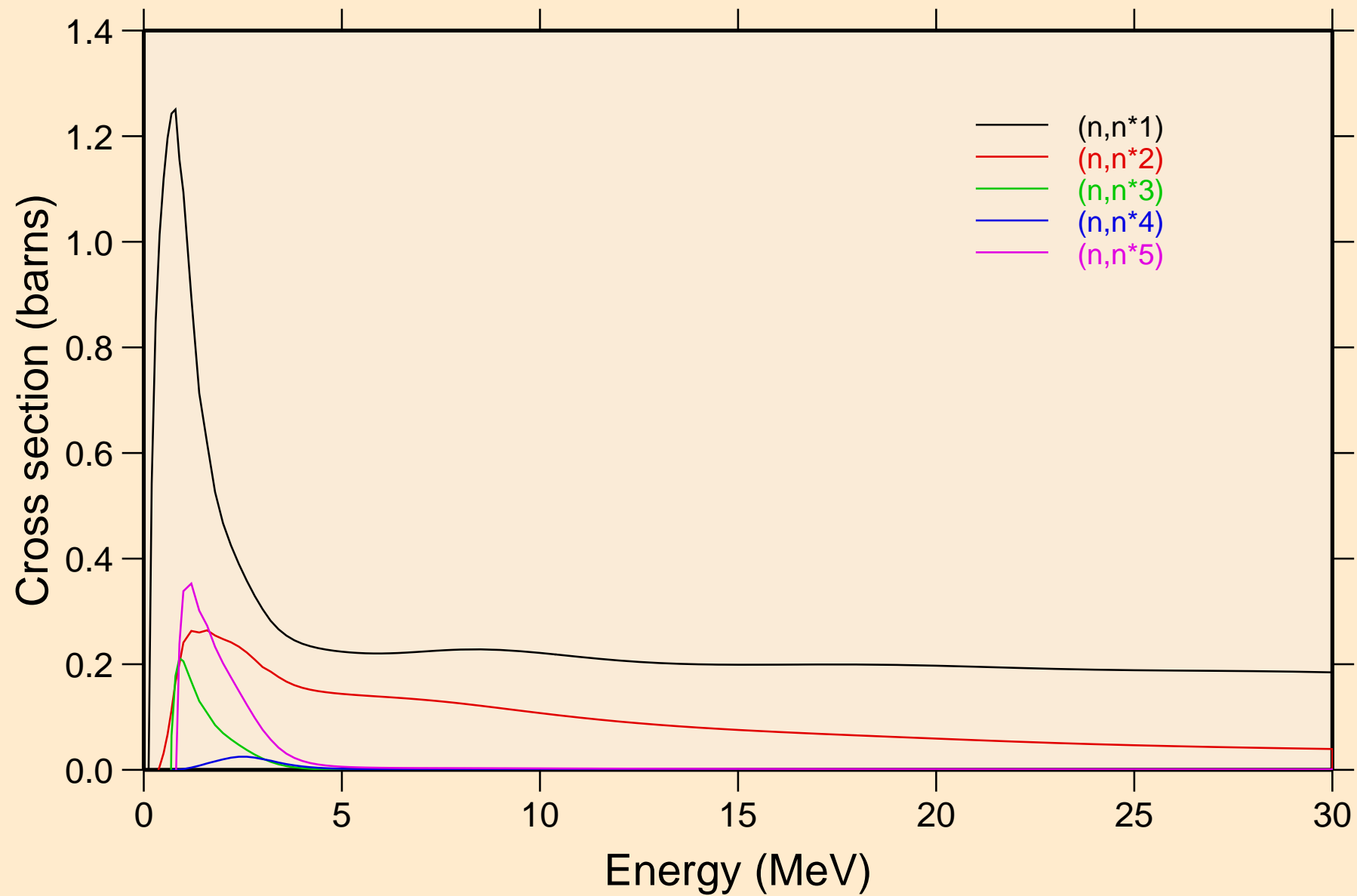
# SM152 NRG TENDL-2015, AKONING

## Non-threshold reactions



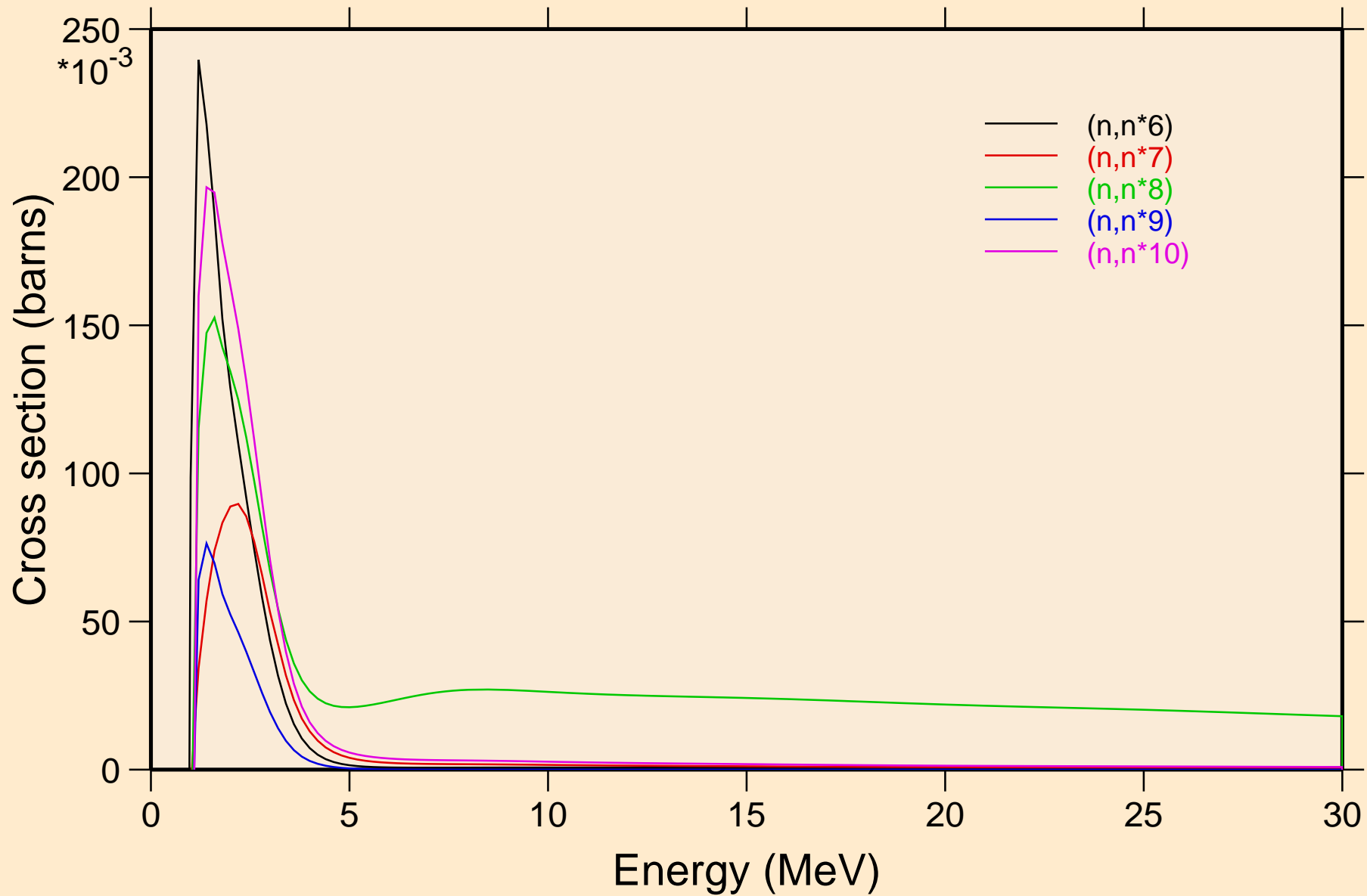
# SM152 NRG TENDL-2015, AKONING

## Inelastic levels



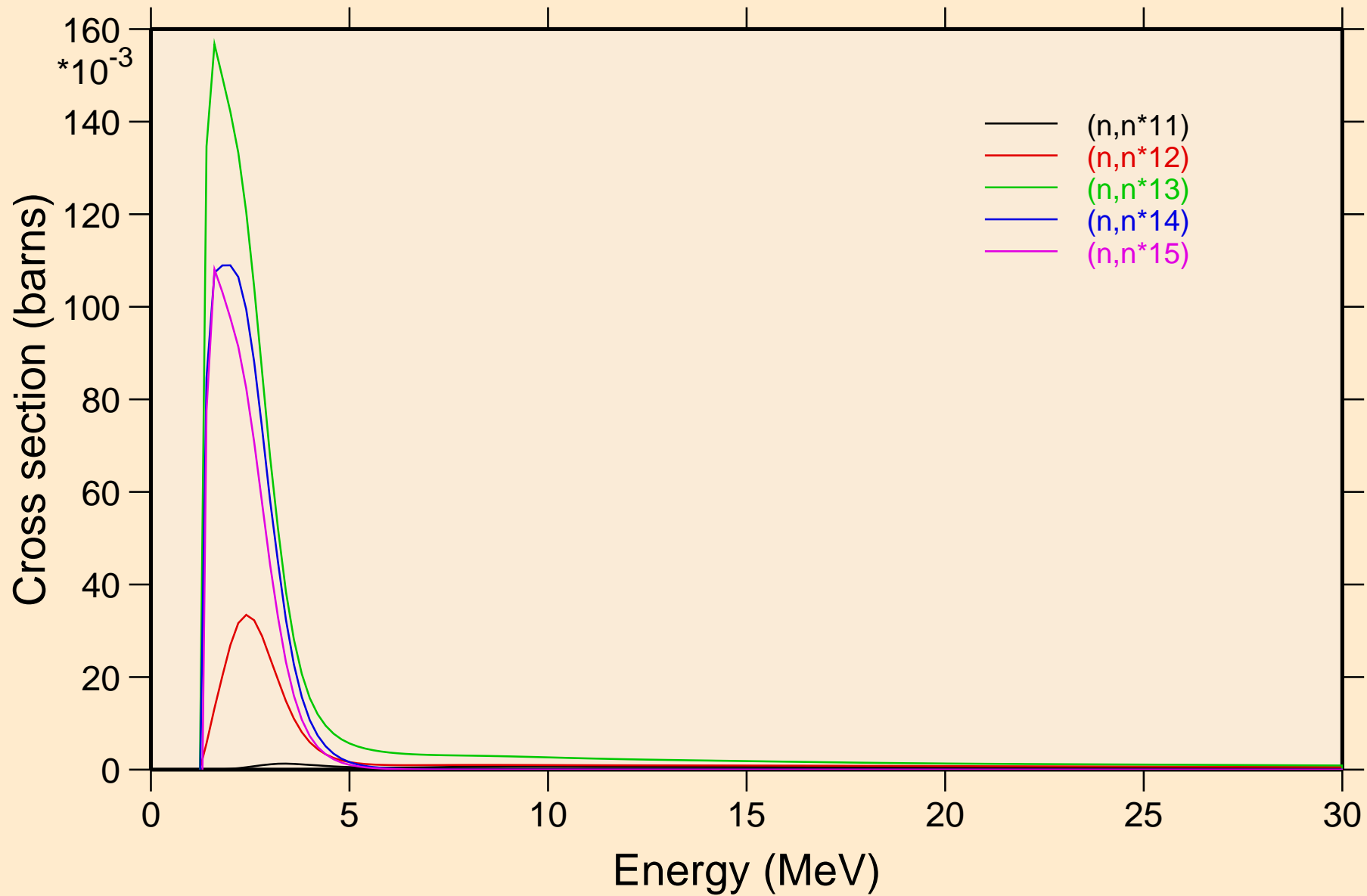
# SM152 NRG TENDL-2015, AKONING

## Inelastic levels



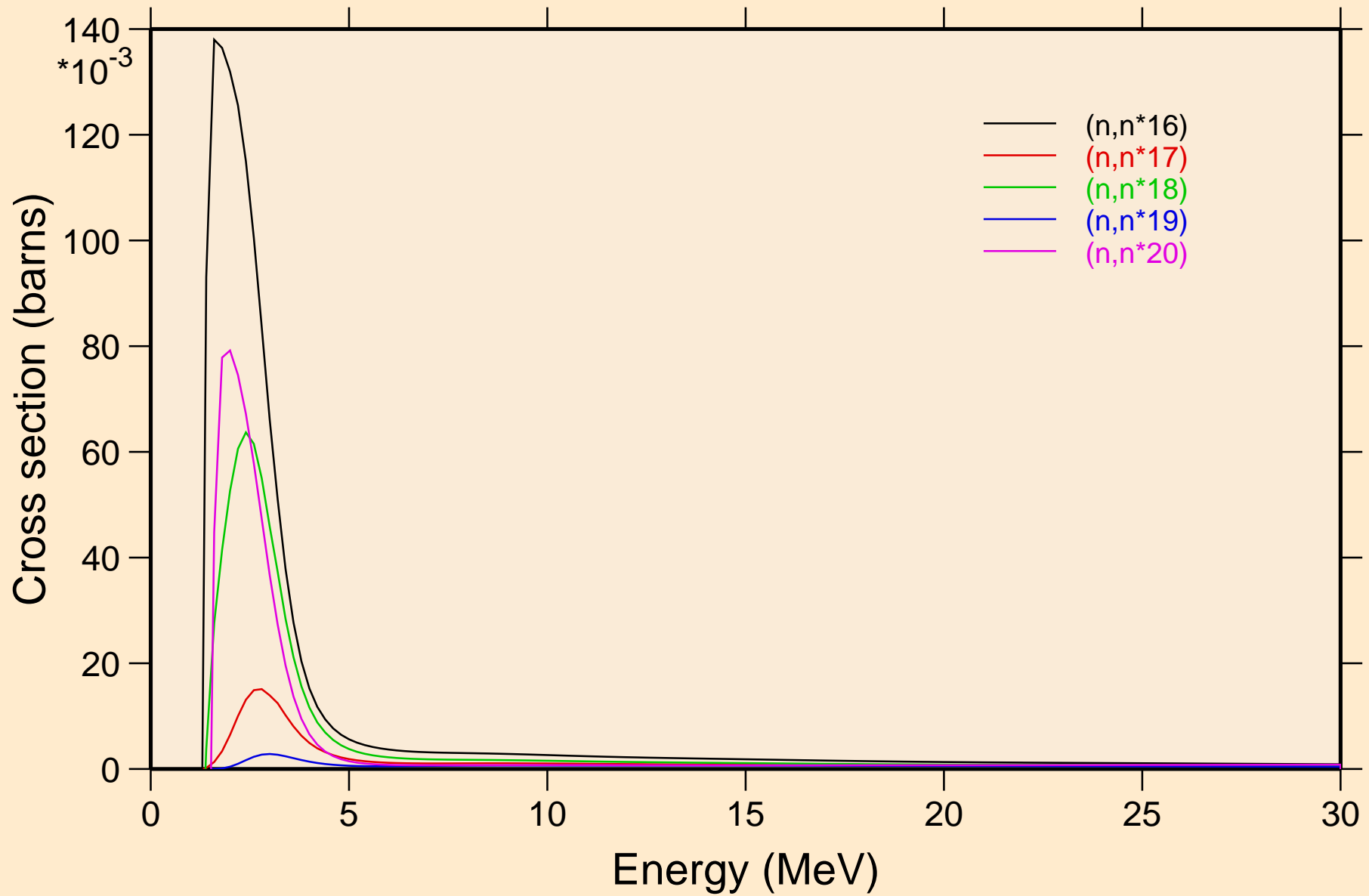
# SM152 NRG TENDL-2015, AKONING

## Inelastic levels



# SM152 NRG TENDL-2015, AKONING

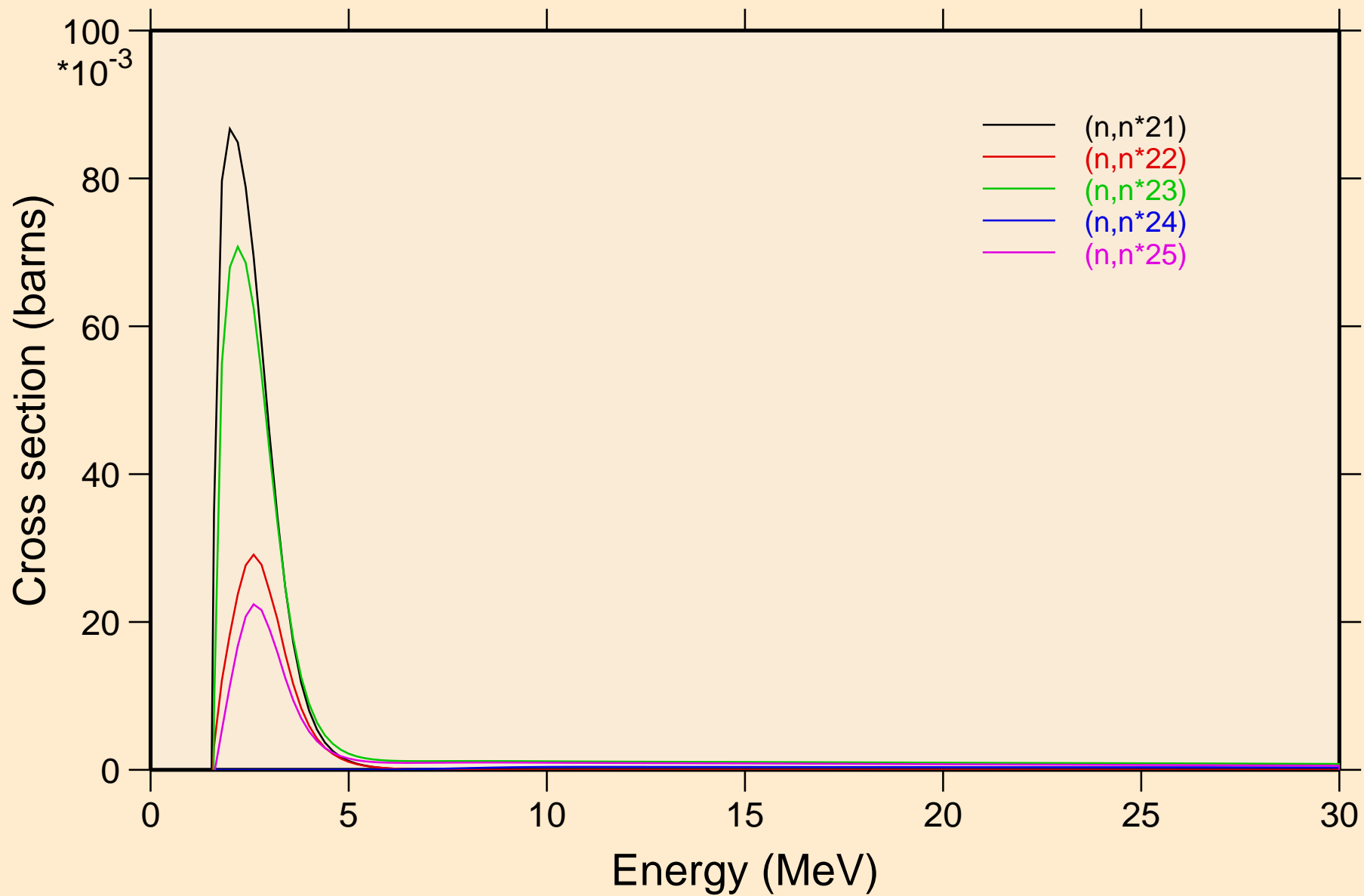
## Inelastic levels





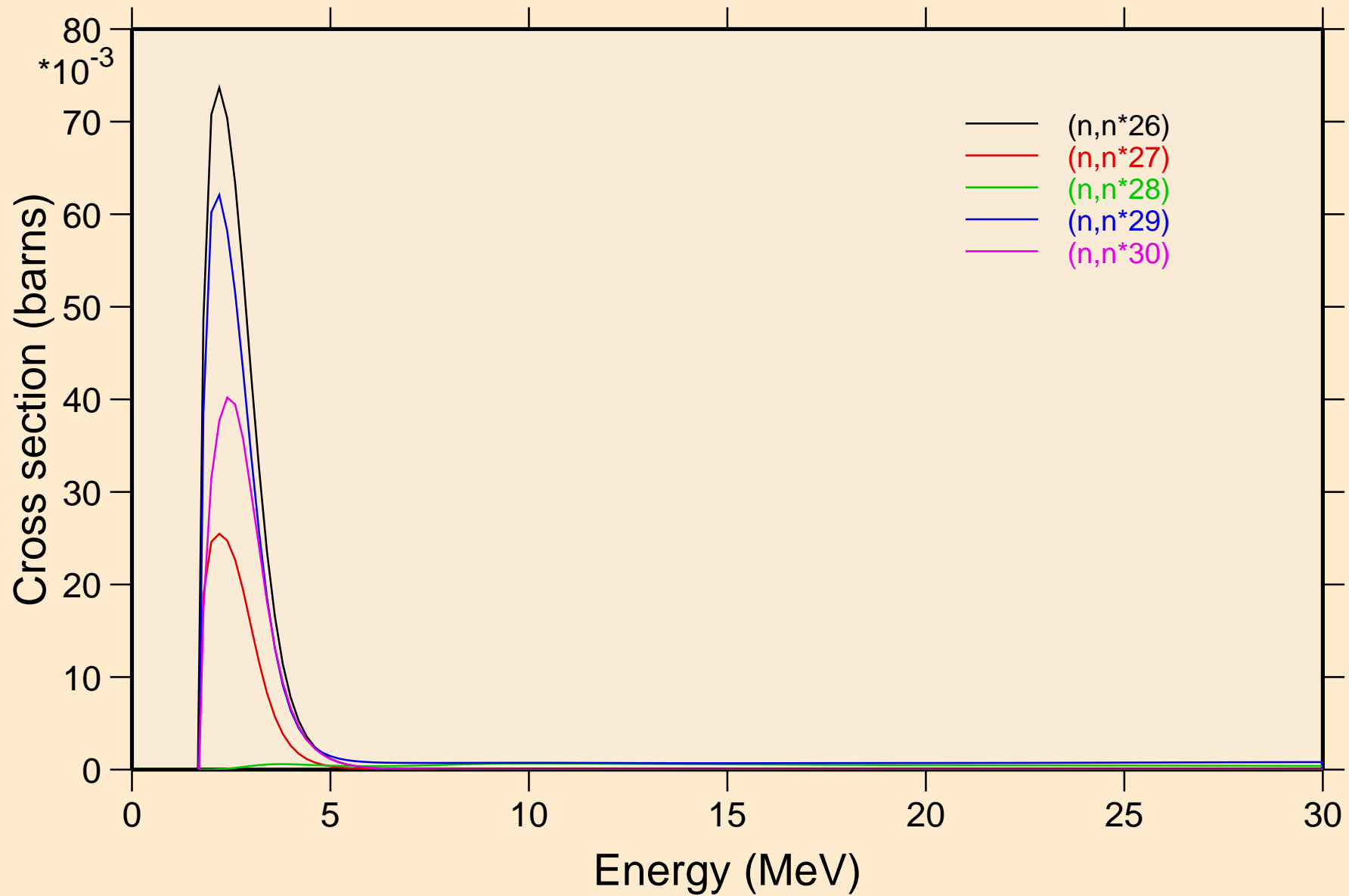
# SM152 NRG TENDL-2015, AKONING

## Inelastic levels



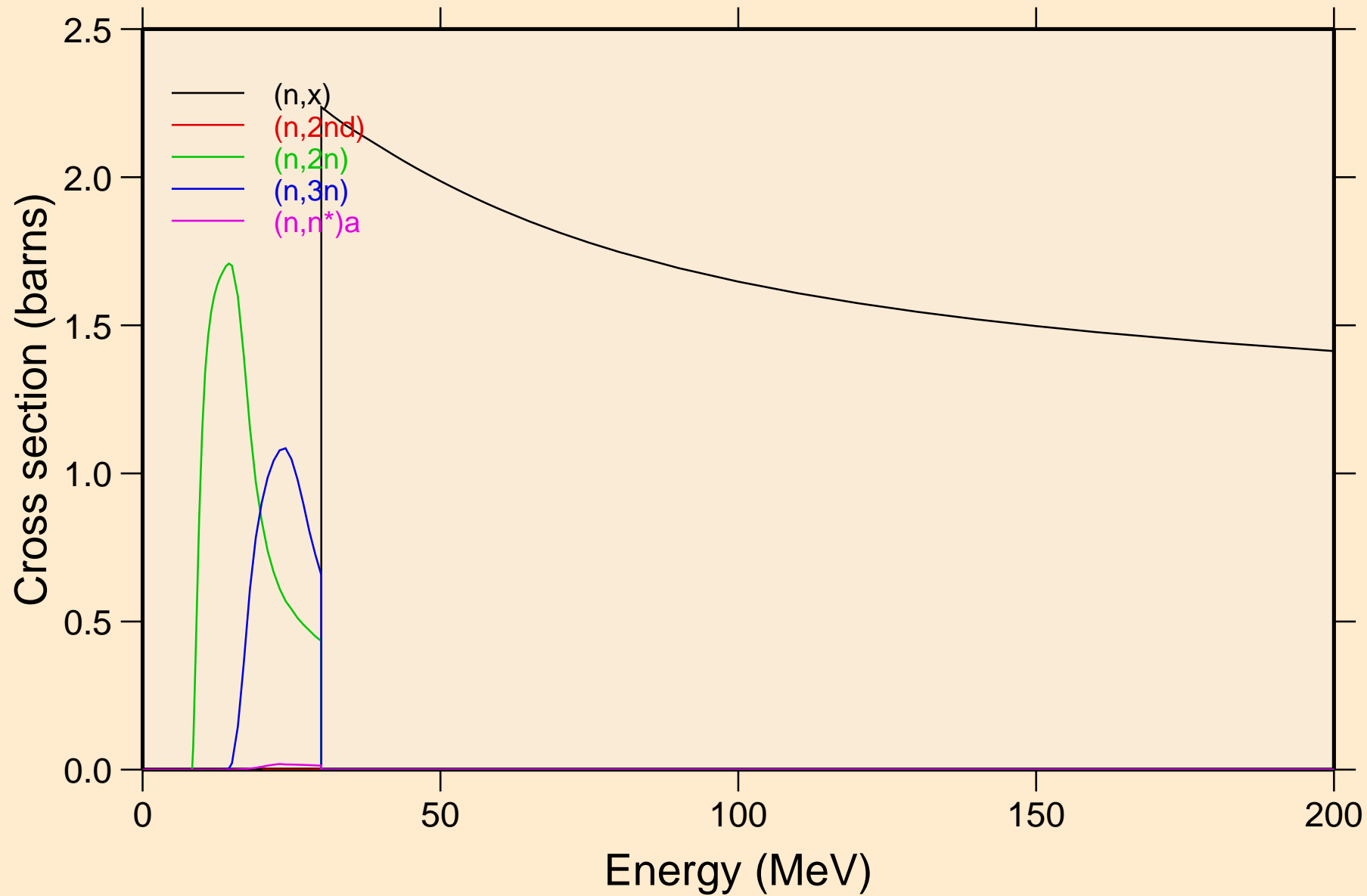
# SM152 NRG TENDL-2015, AKONING

## Inelastic levels



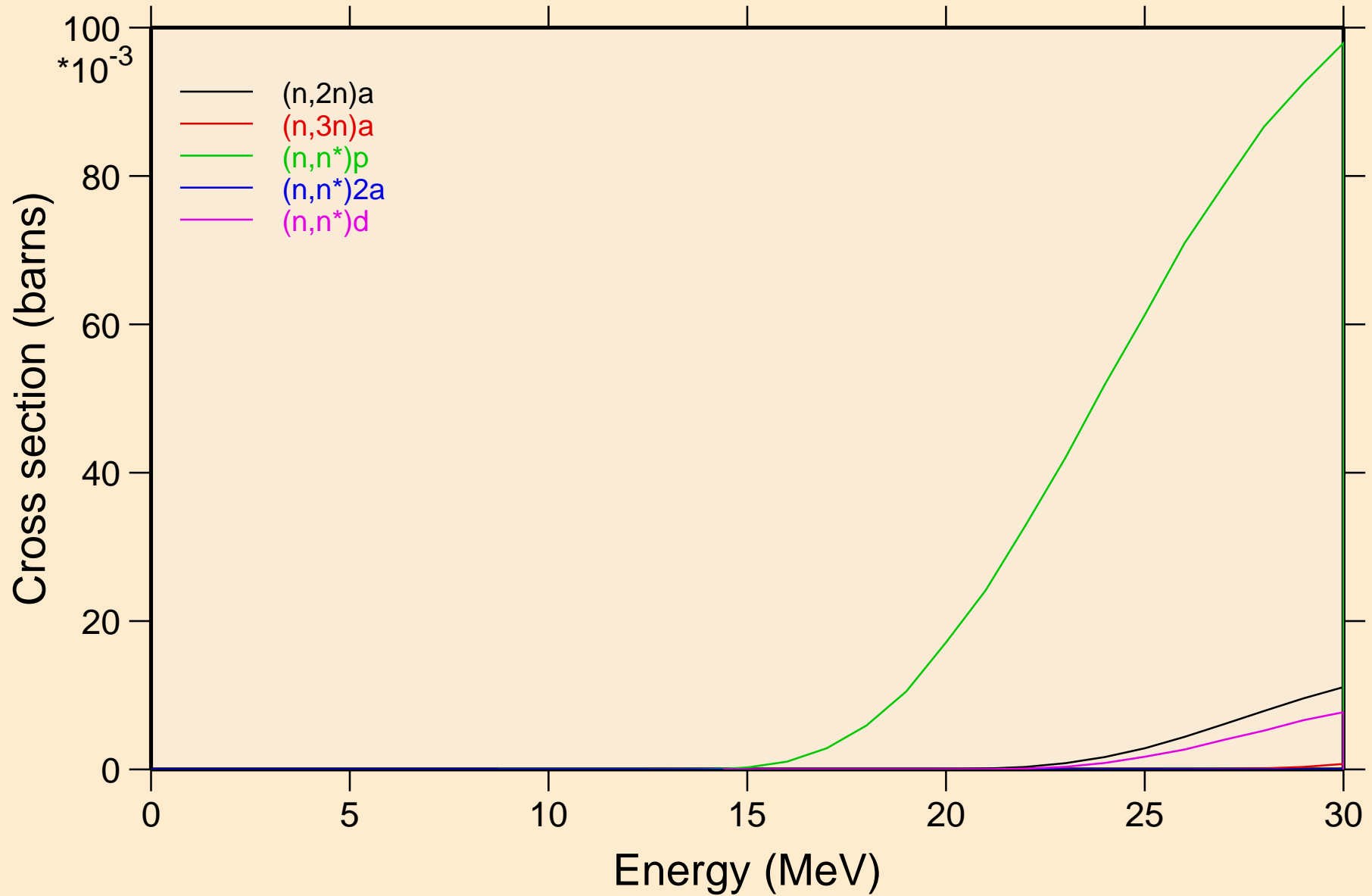
# SM152 NRG TENDL-2015, AKONING

## Threshold reactions



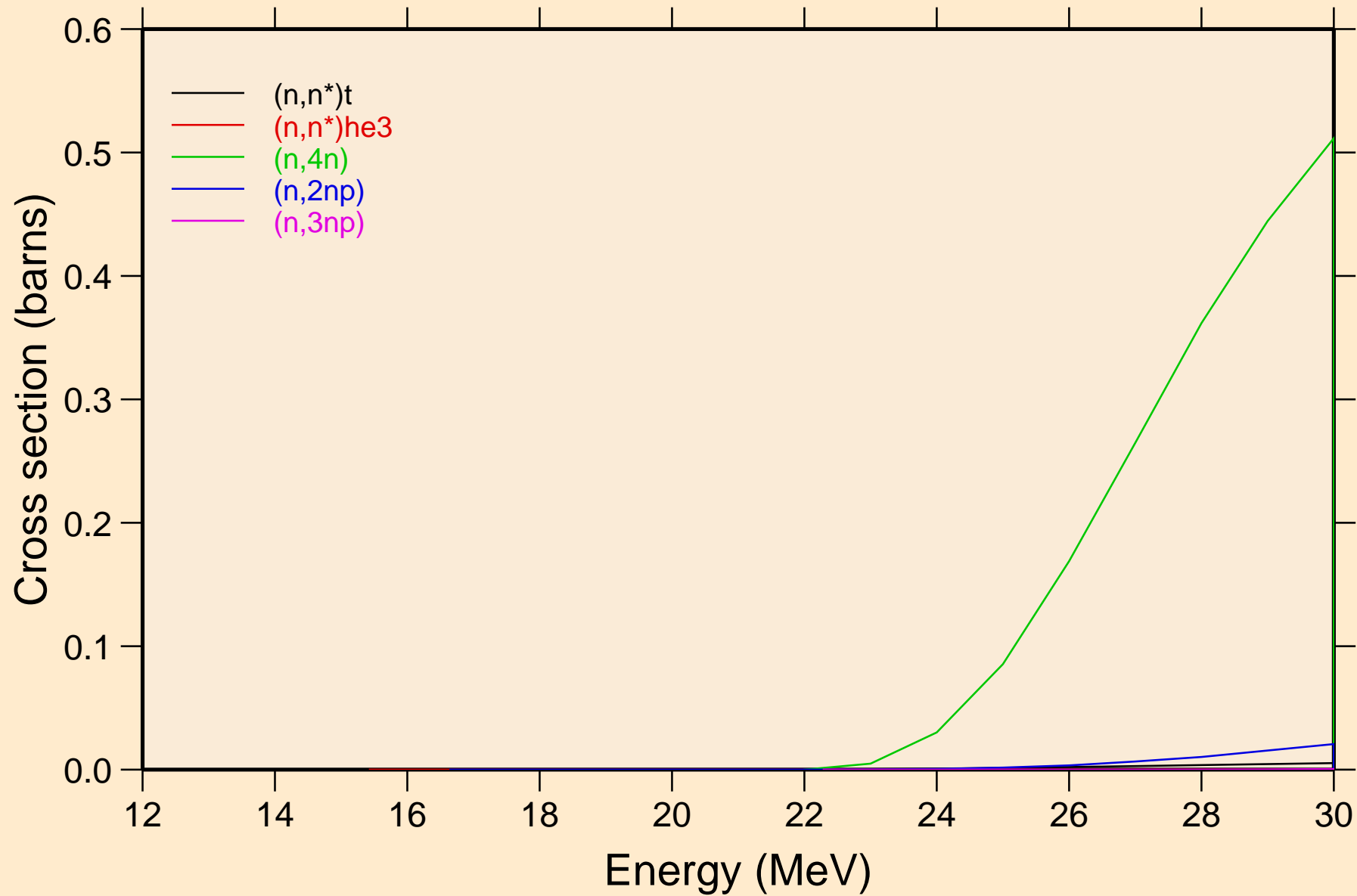
# SM152 NRG TENDL-2015, AKONING

## Threshold reactions



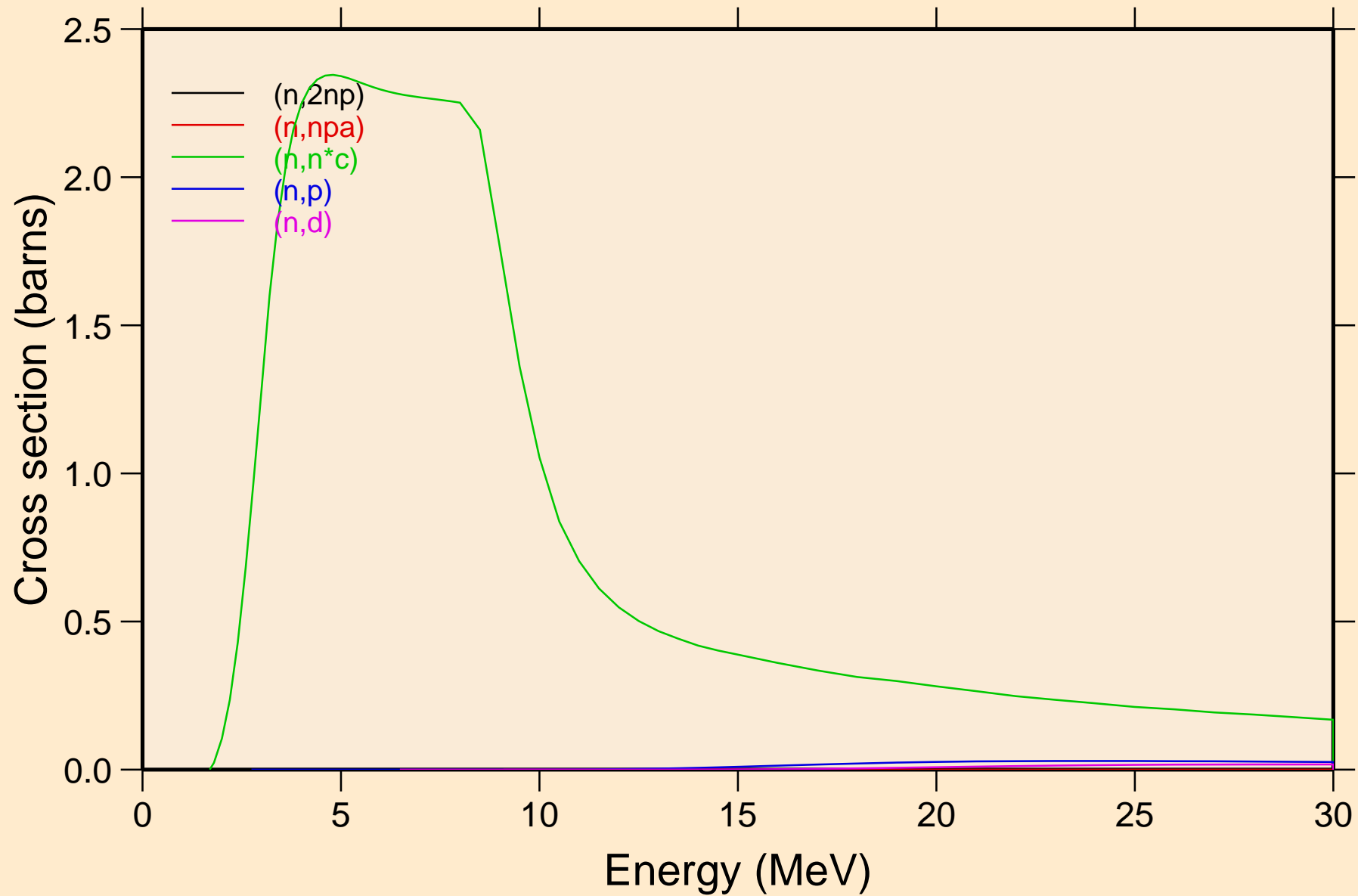
# SM152 NRG TENDL-2015, AKONING

## Threshold reactions



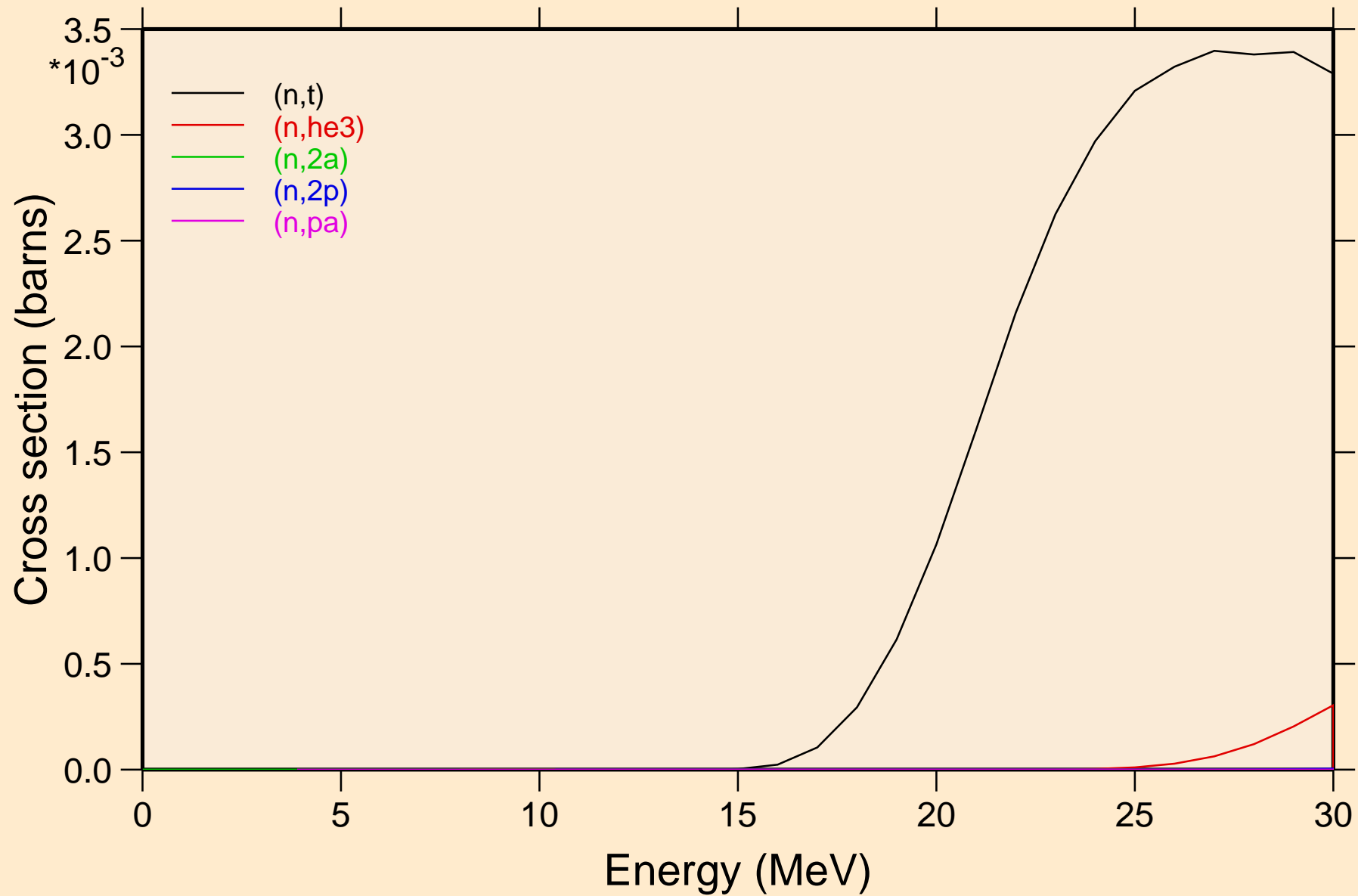
# SM152 NRG TENDL-2015, AKONING

## Threshold reactions



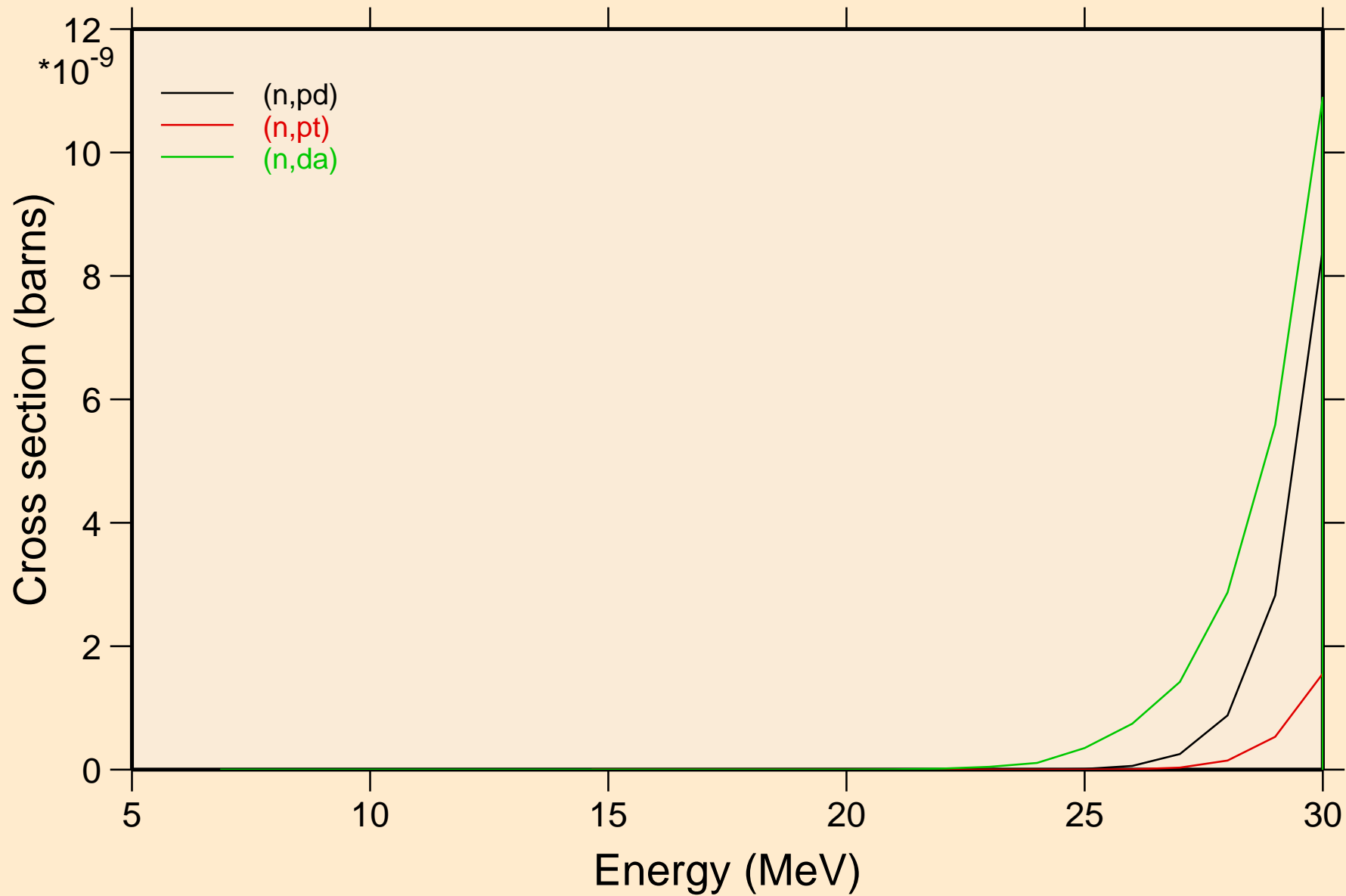
# SM152 NRG TENDL-2015, AKONING

## Threshold reactions



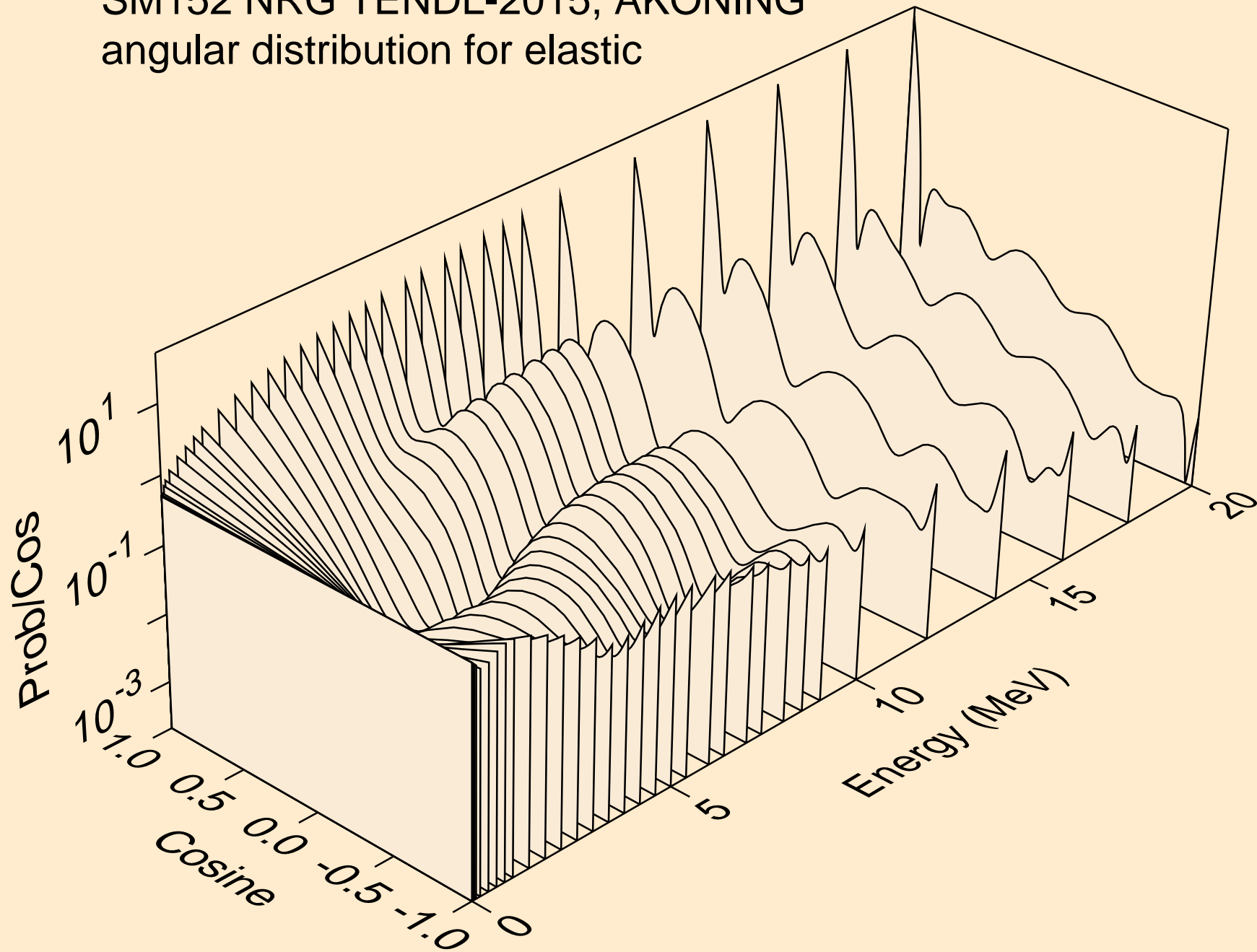
# SM152 NRG TENDL-2015, AKONING

## Threshold reactions

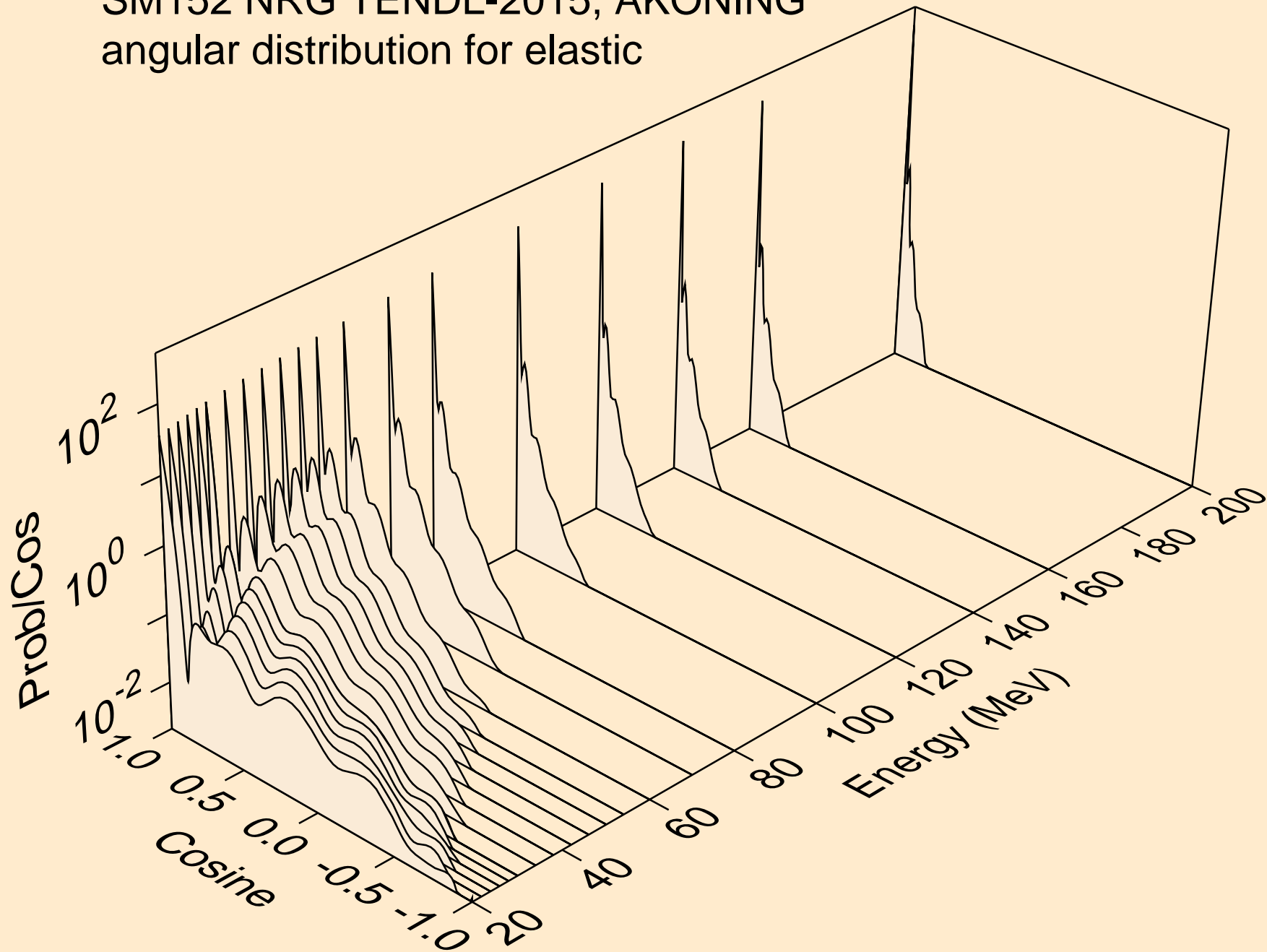




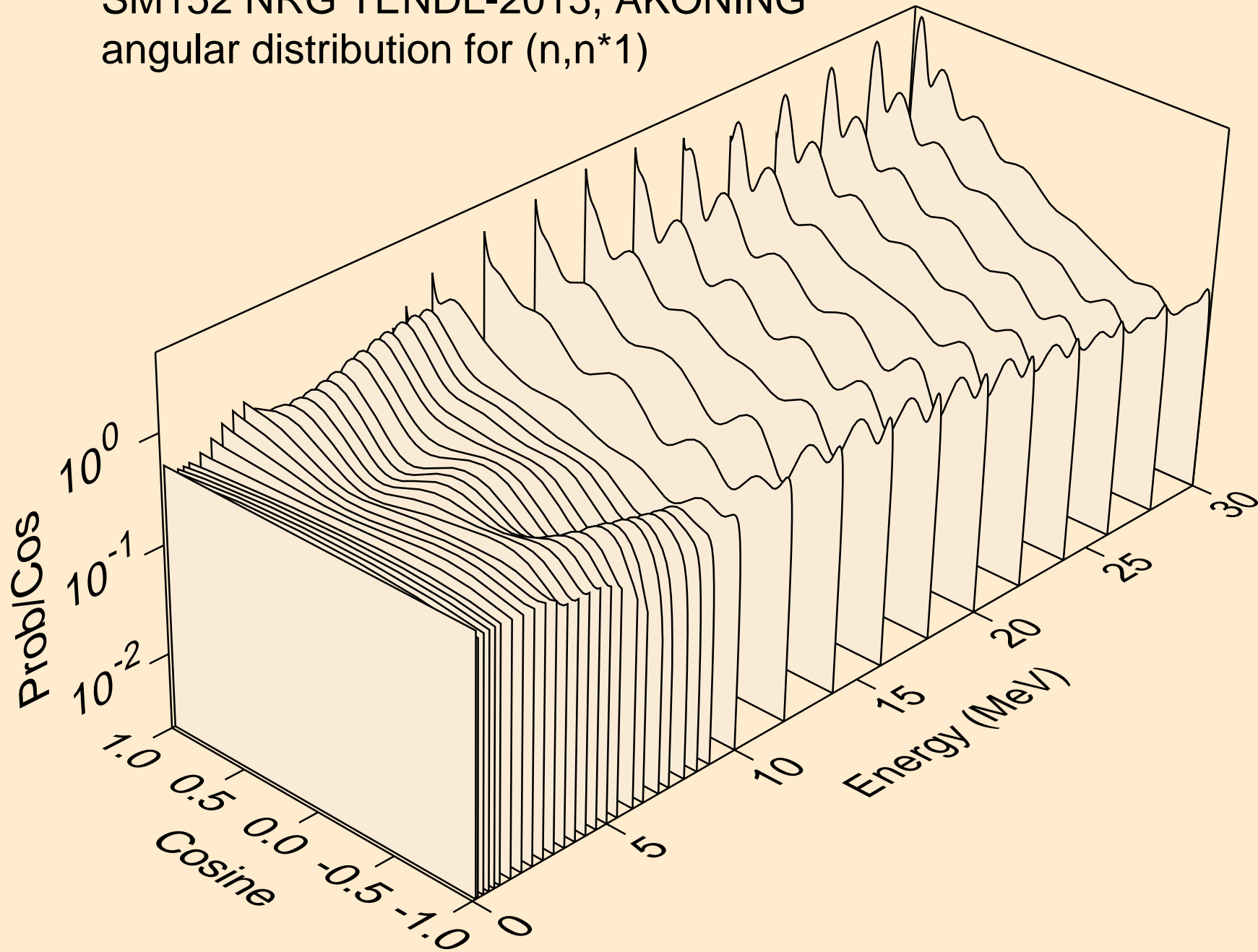
SM152 NRG TENDL-2015, AKONING  
angular distribution for elastic



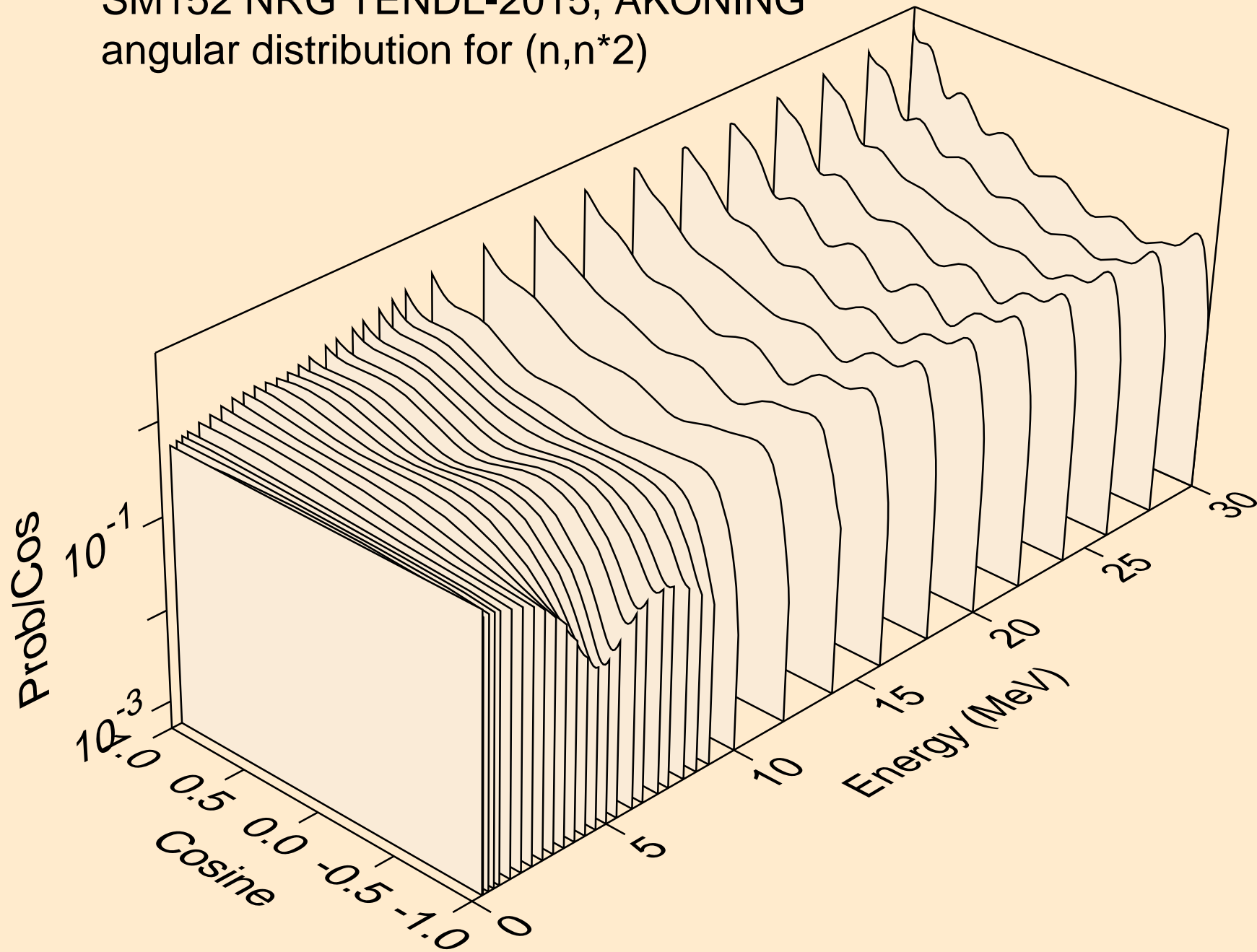
SM152 NRG TENDL-2015, AKONING  
angular distribution for elastic



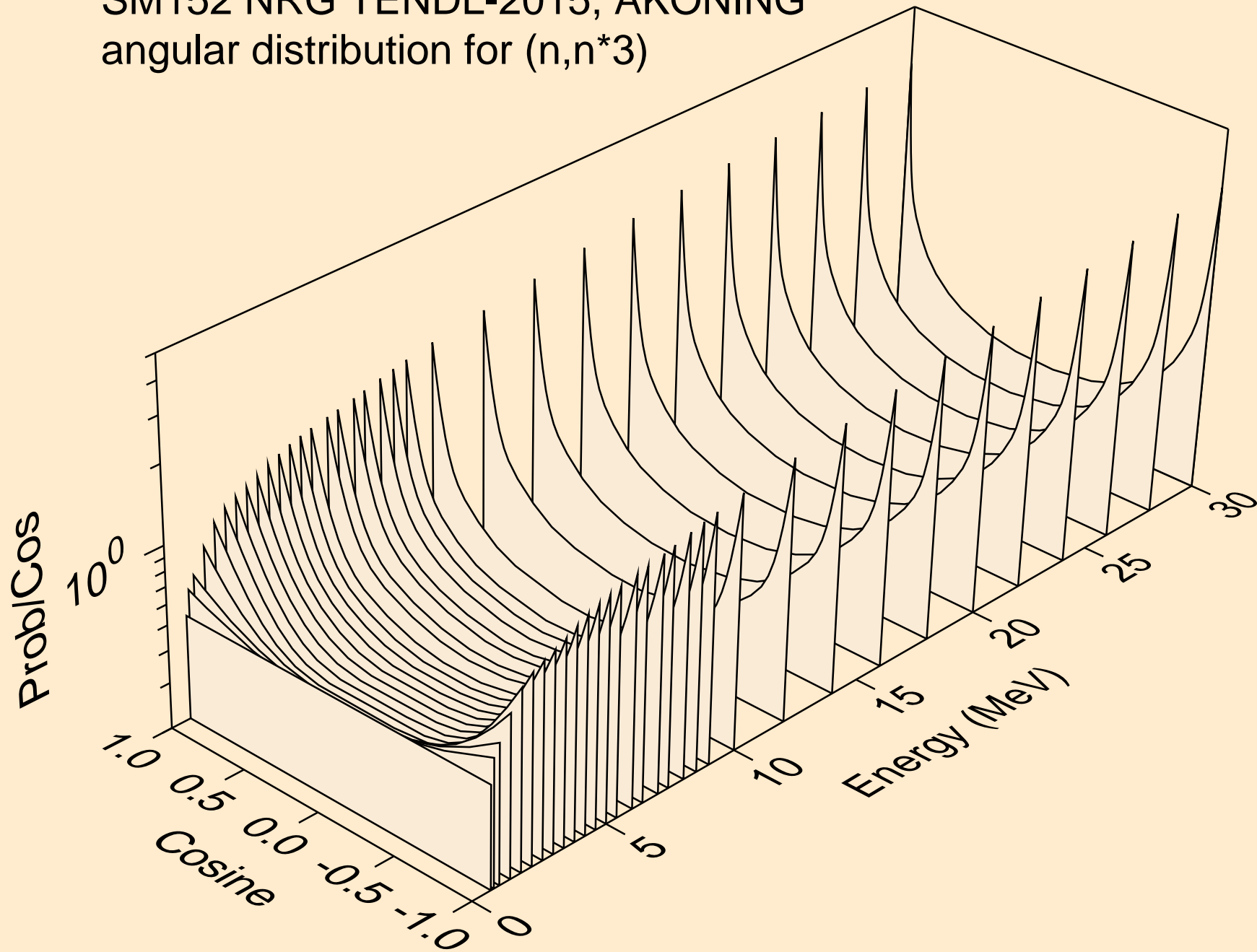
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



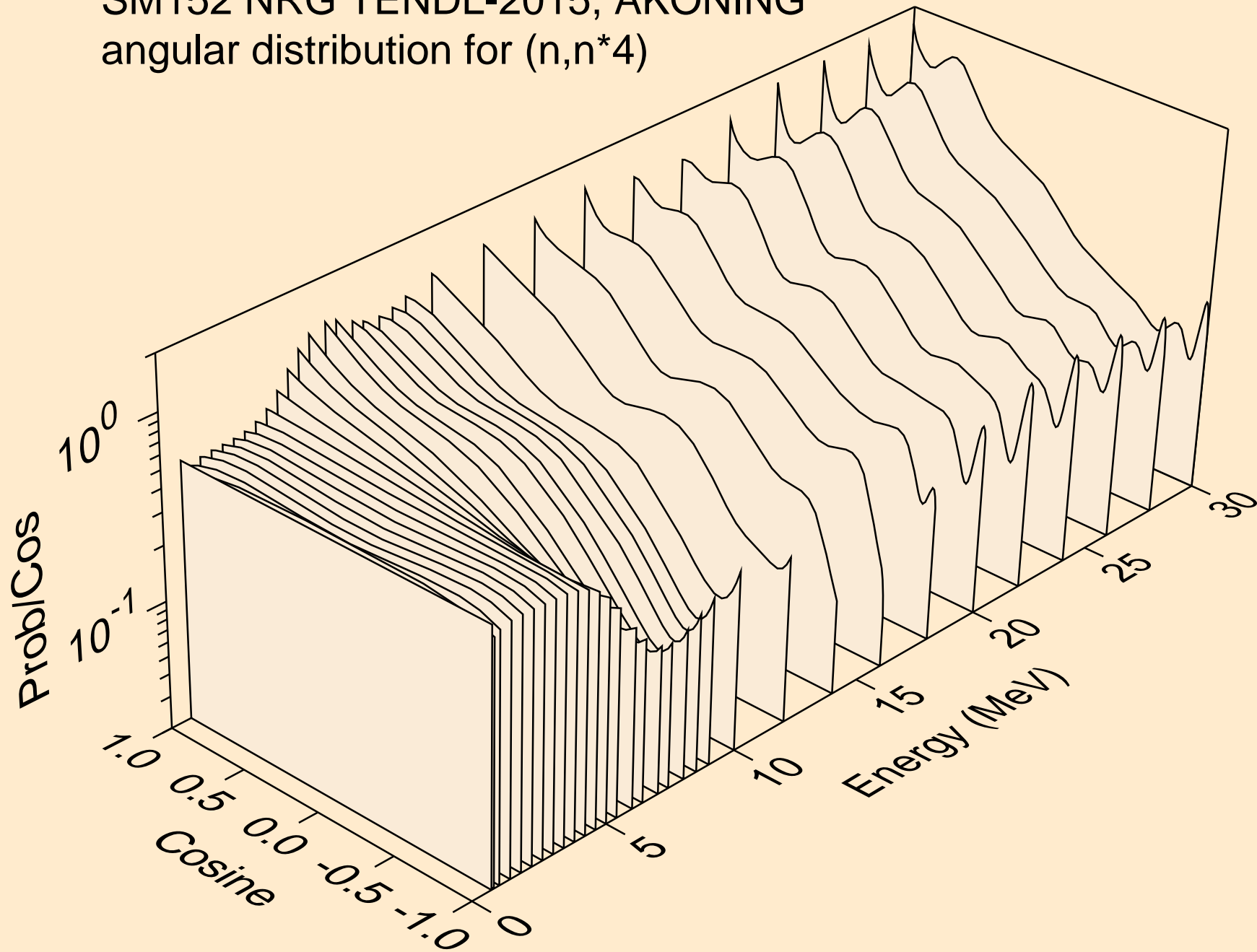
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



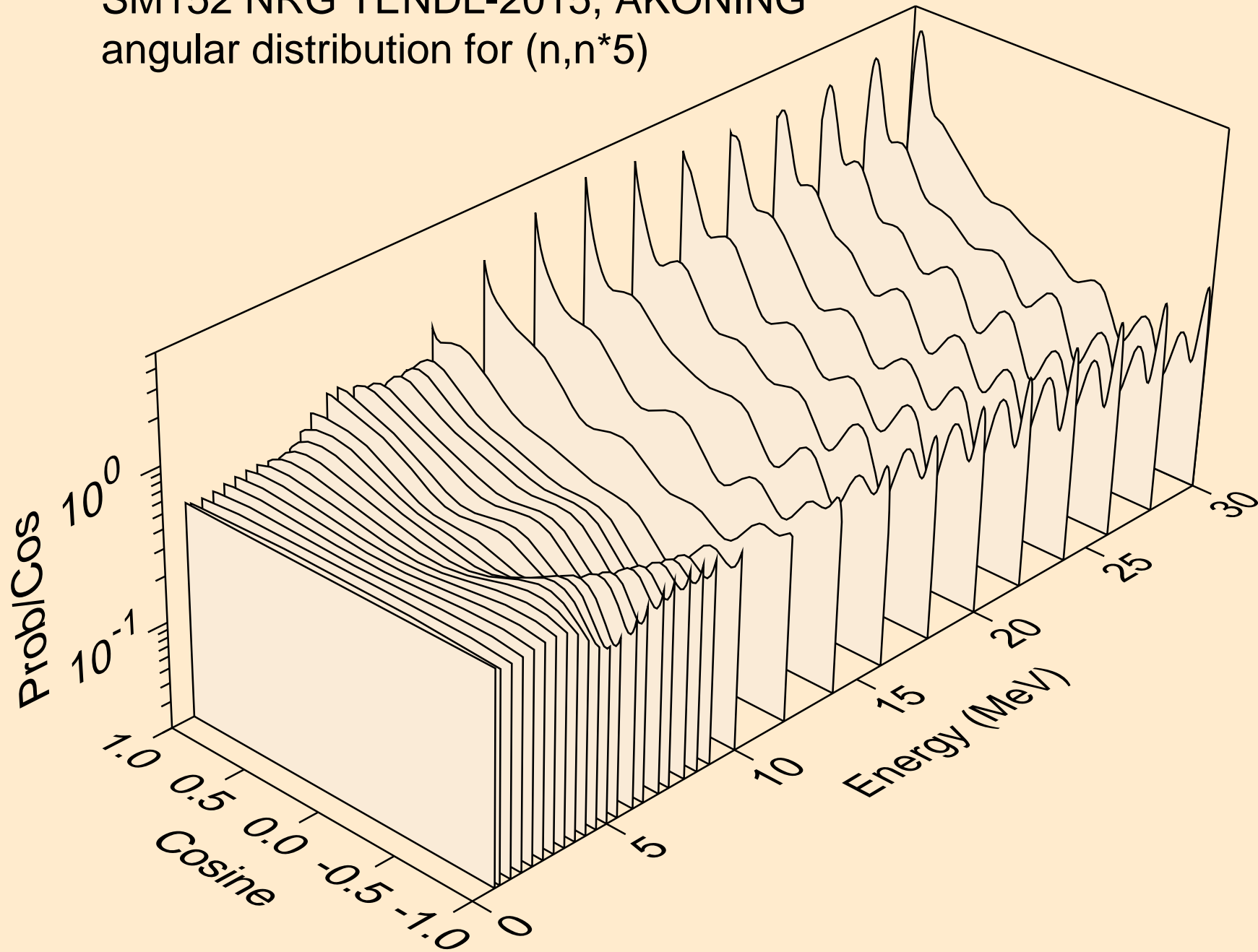
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



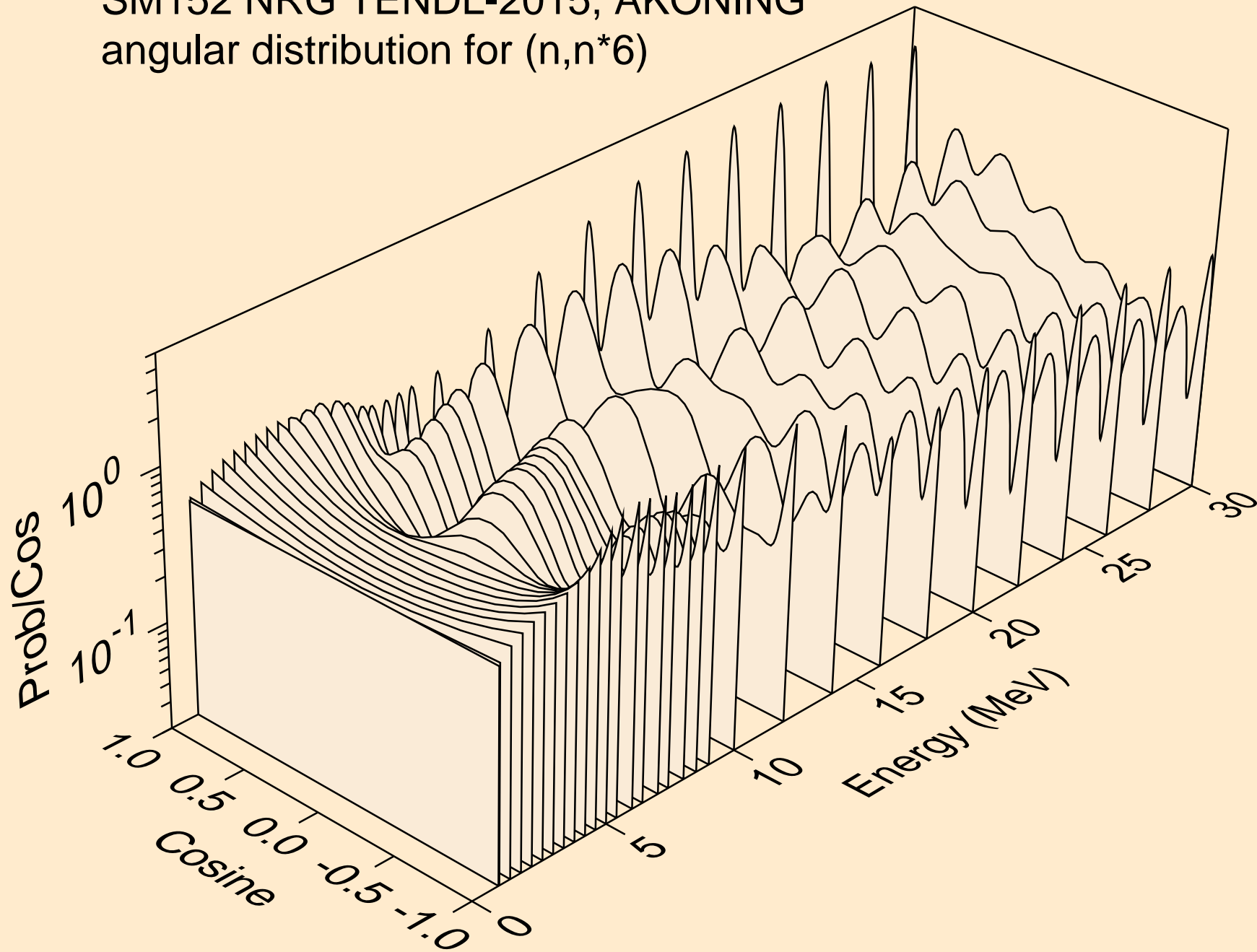
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

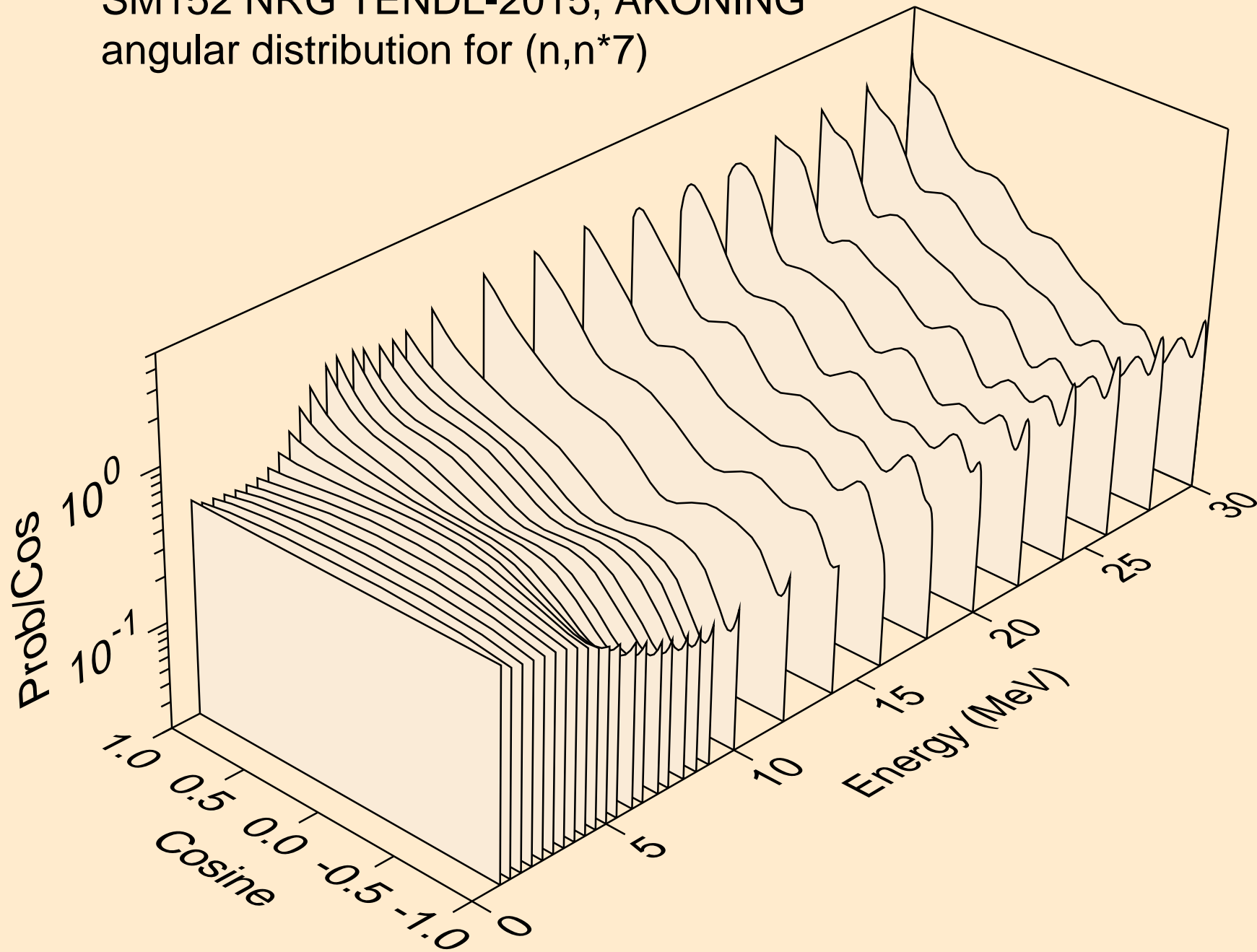


SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

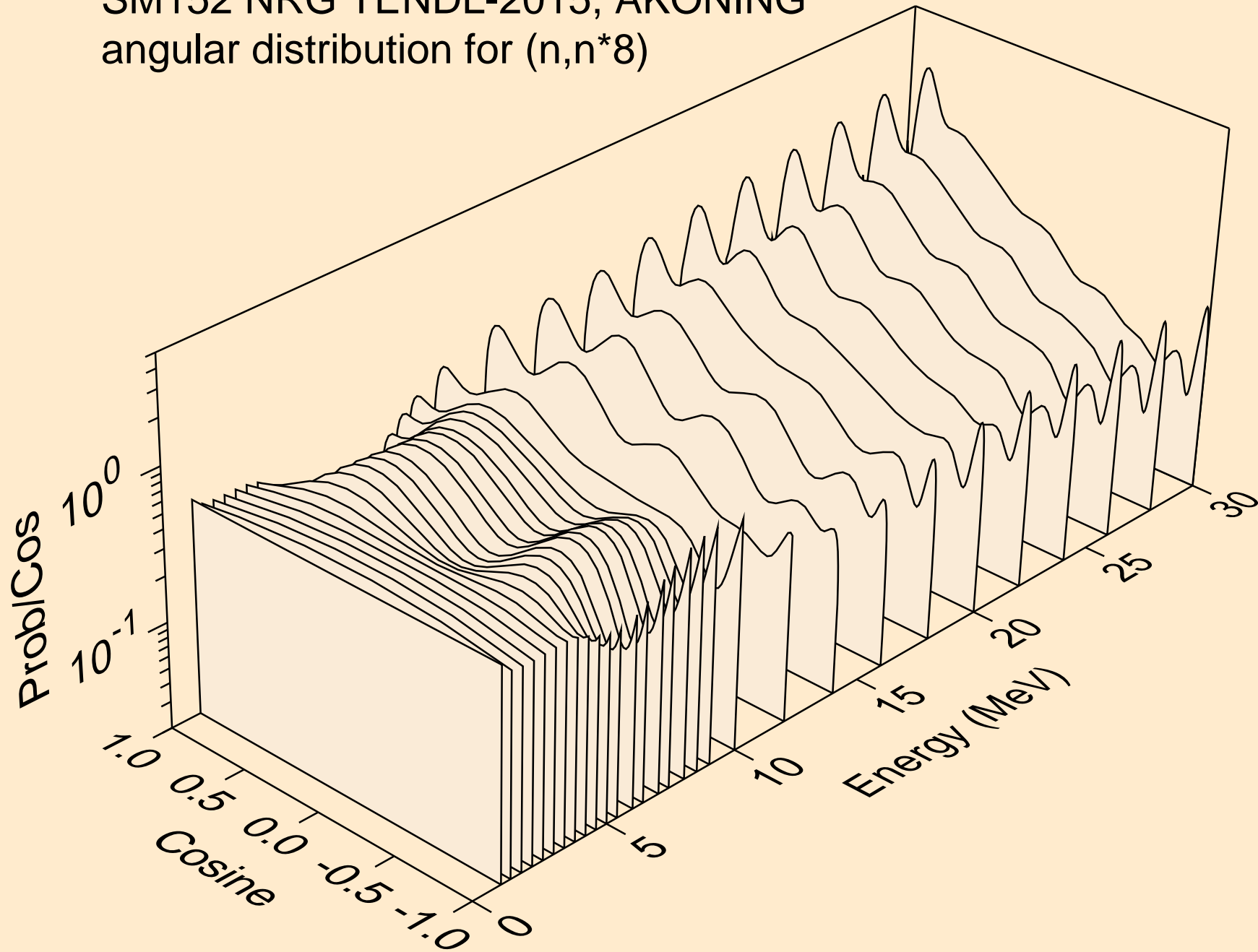




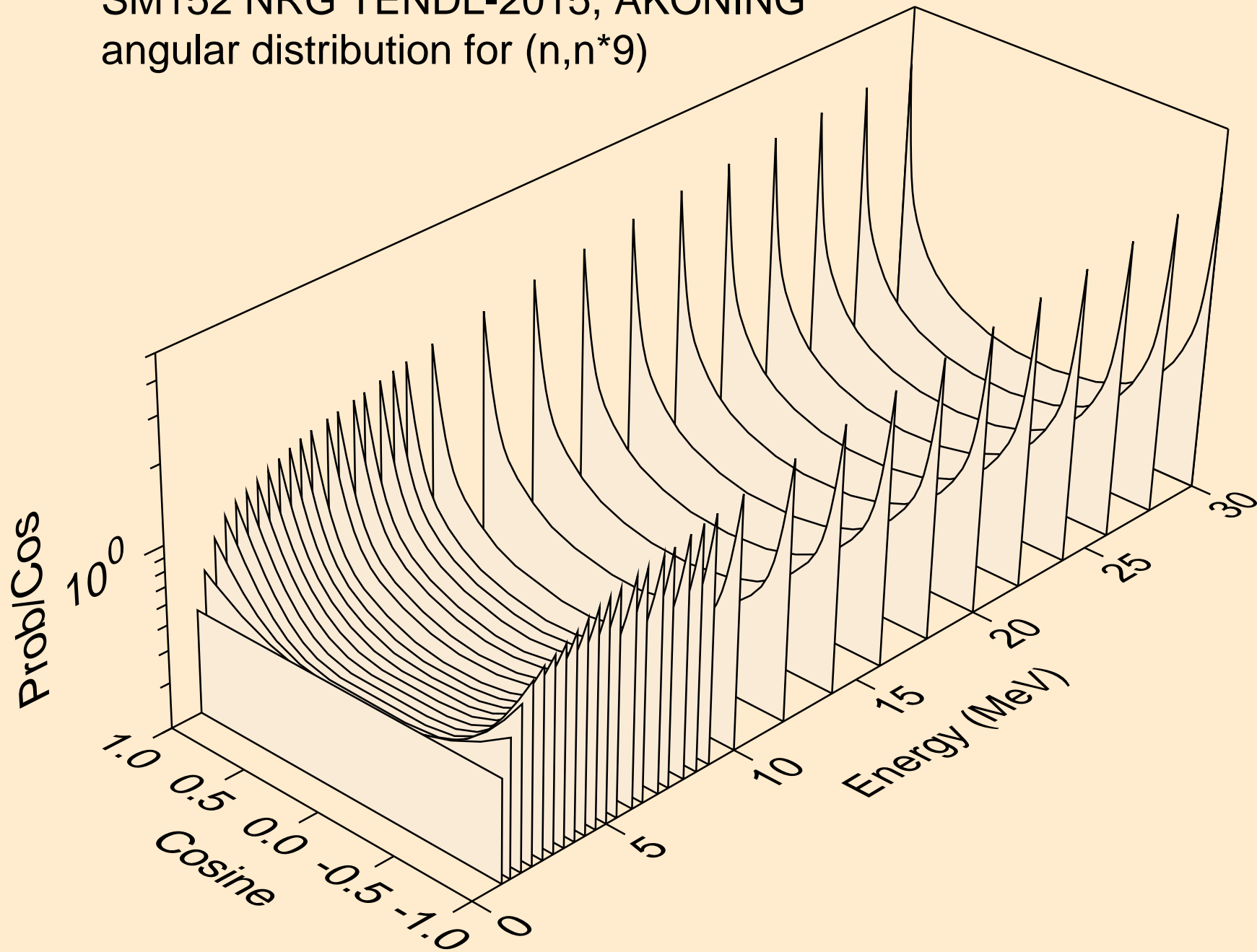
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



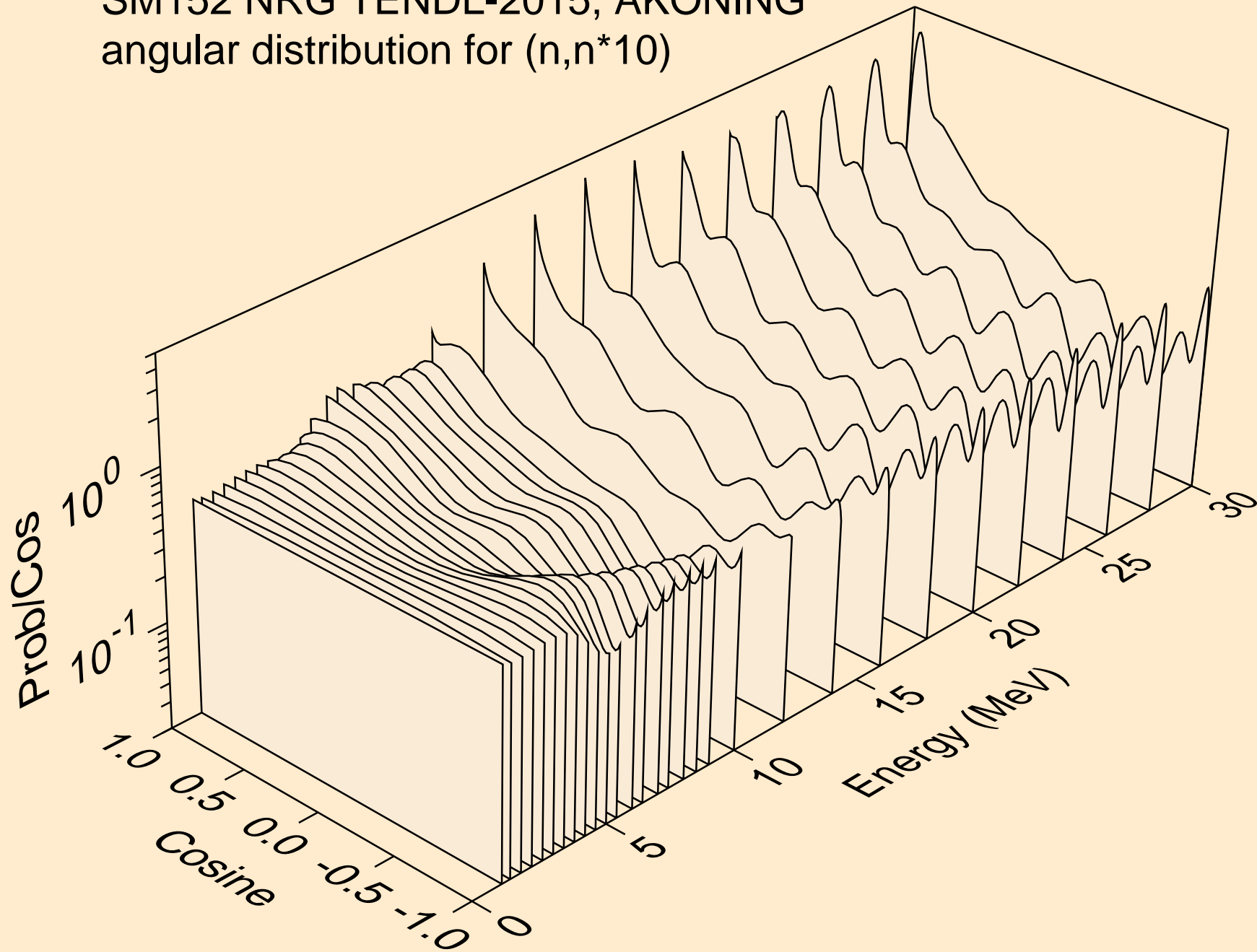
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



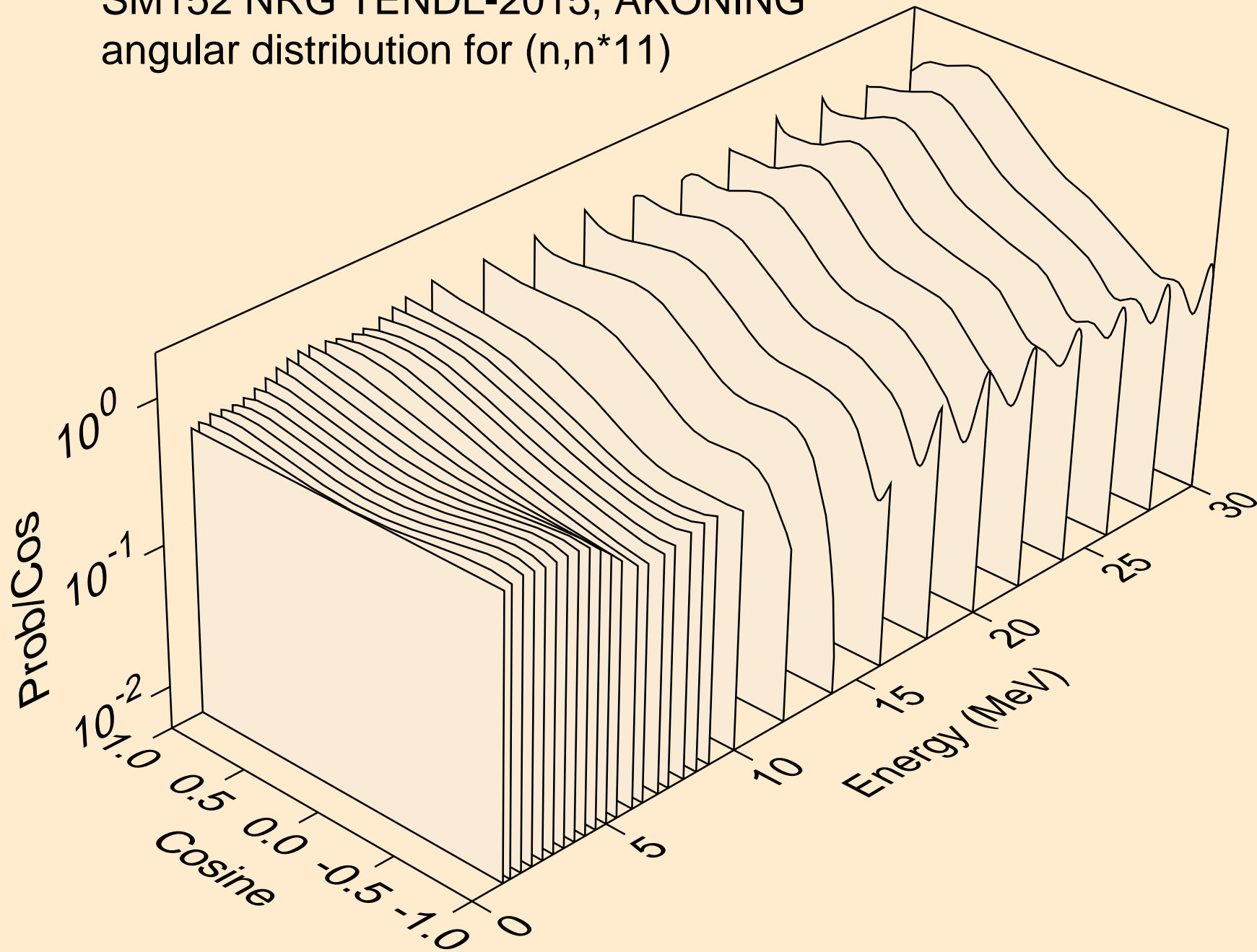
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



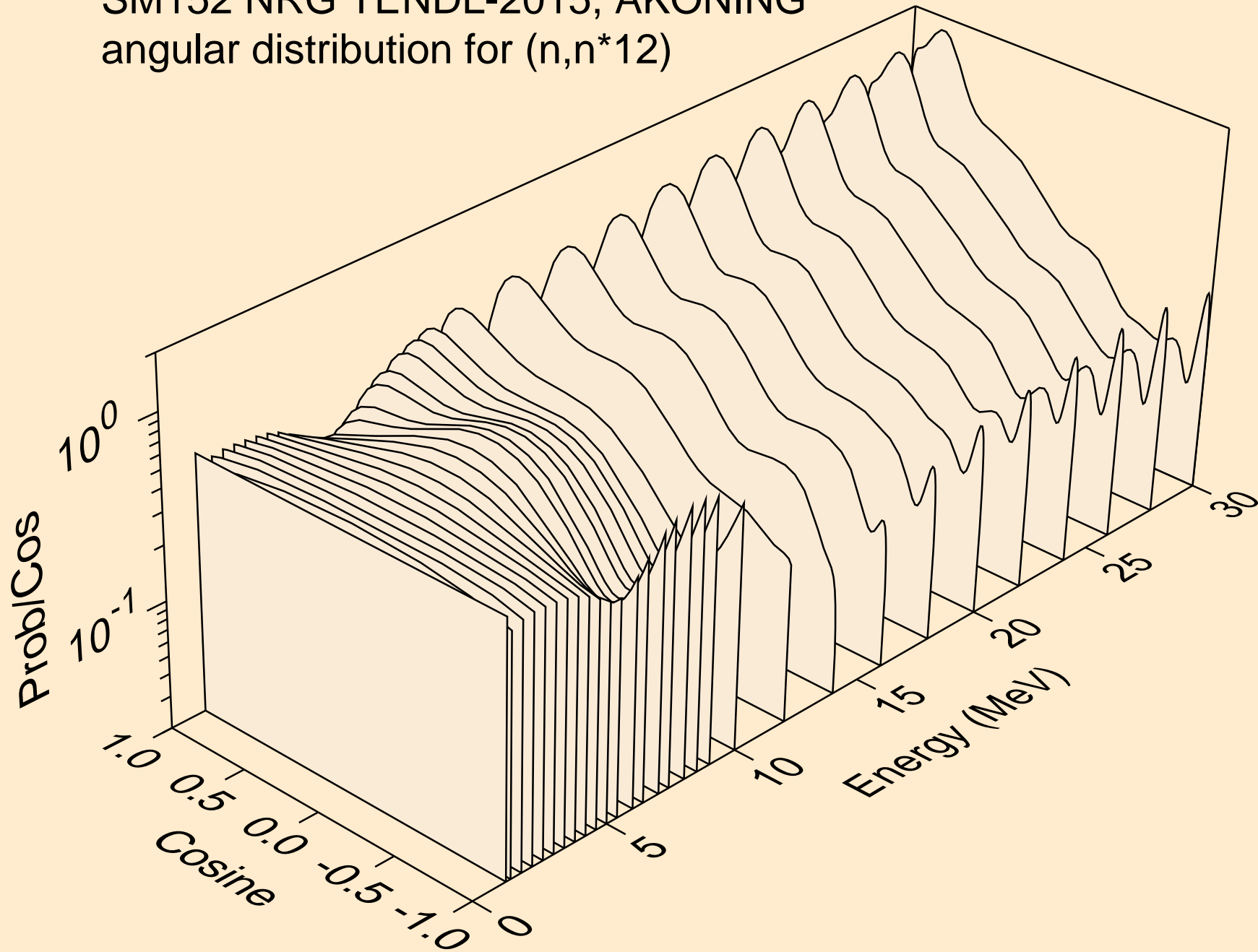
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



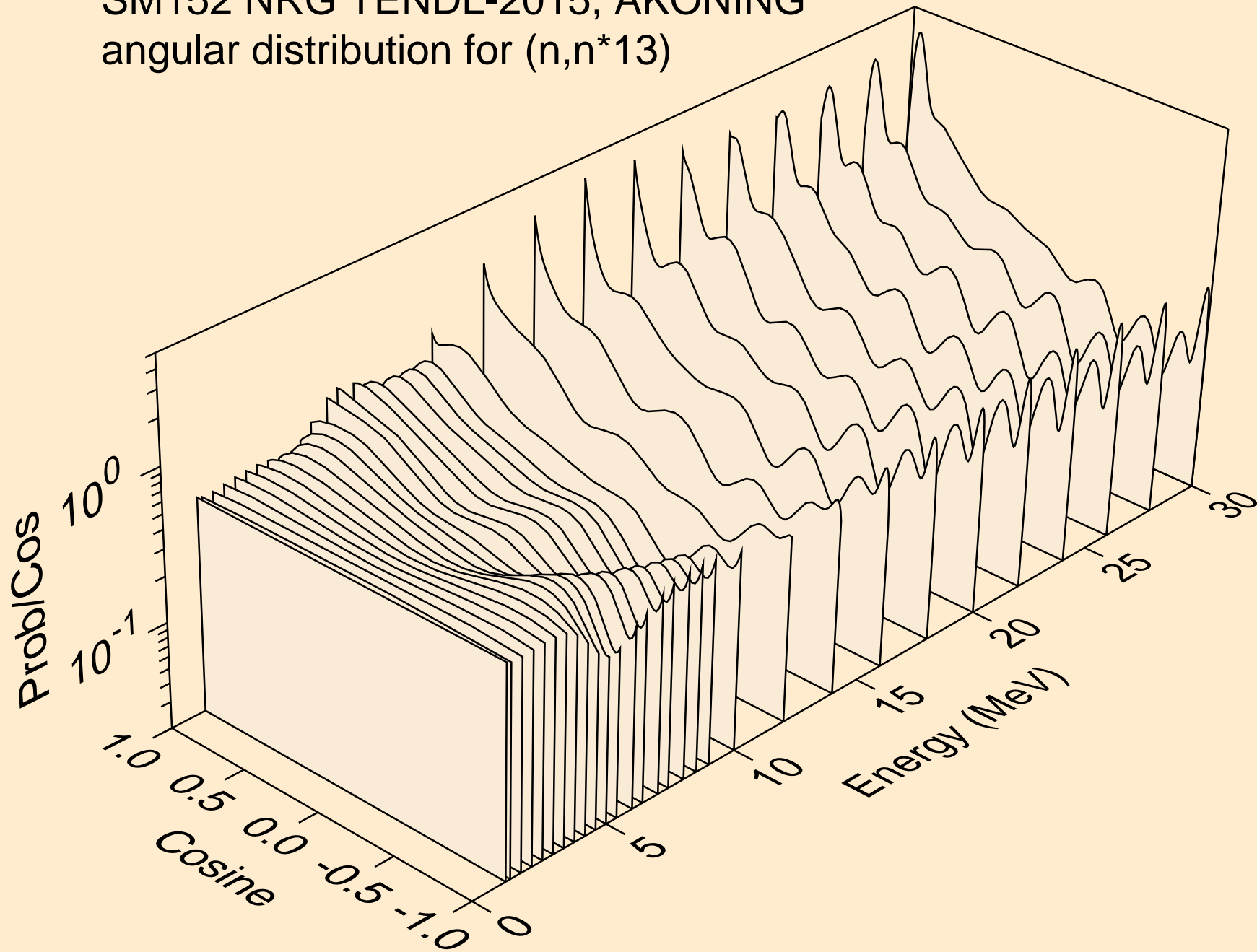
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



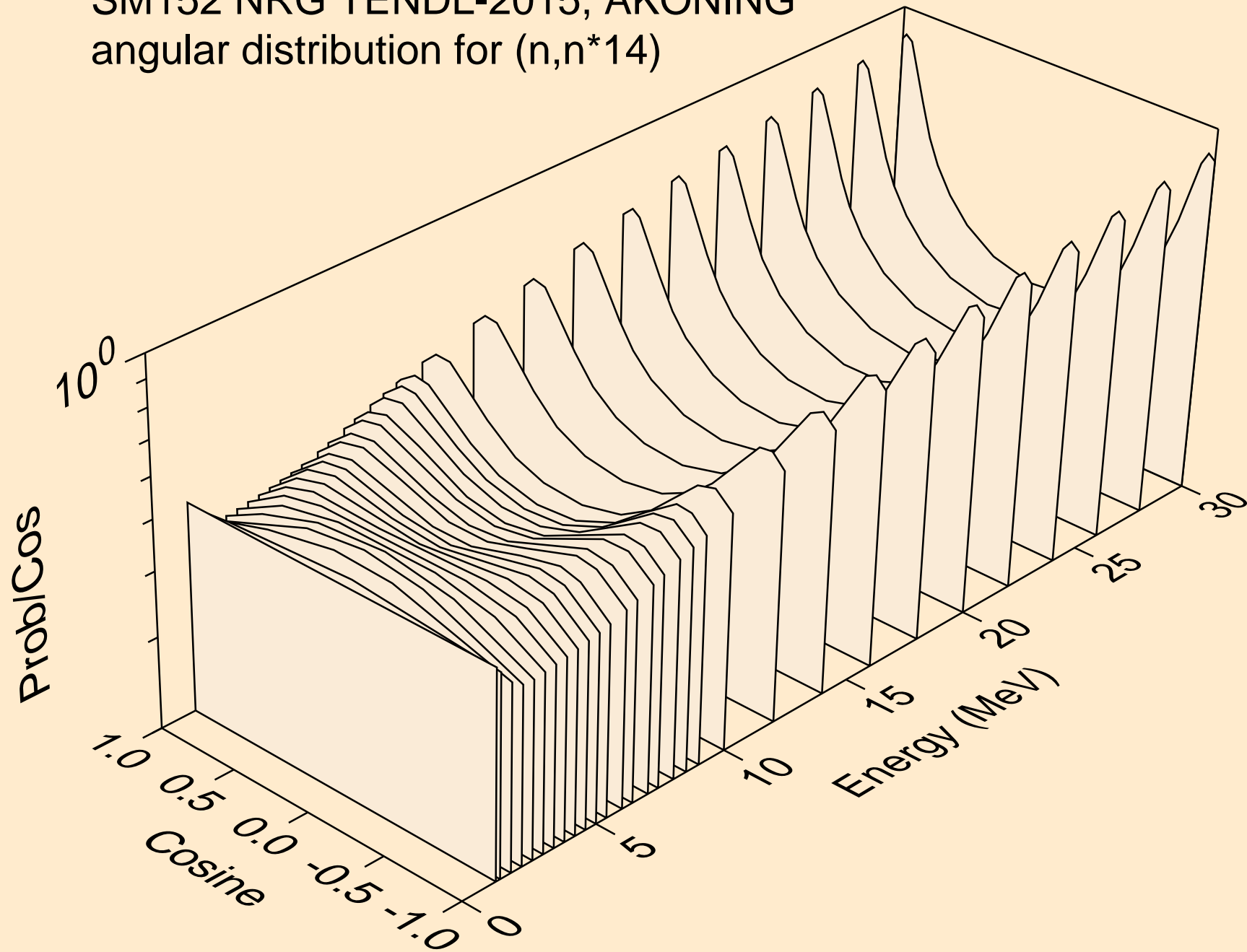
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

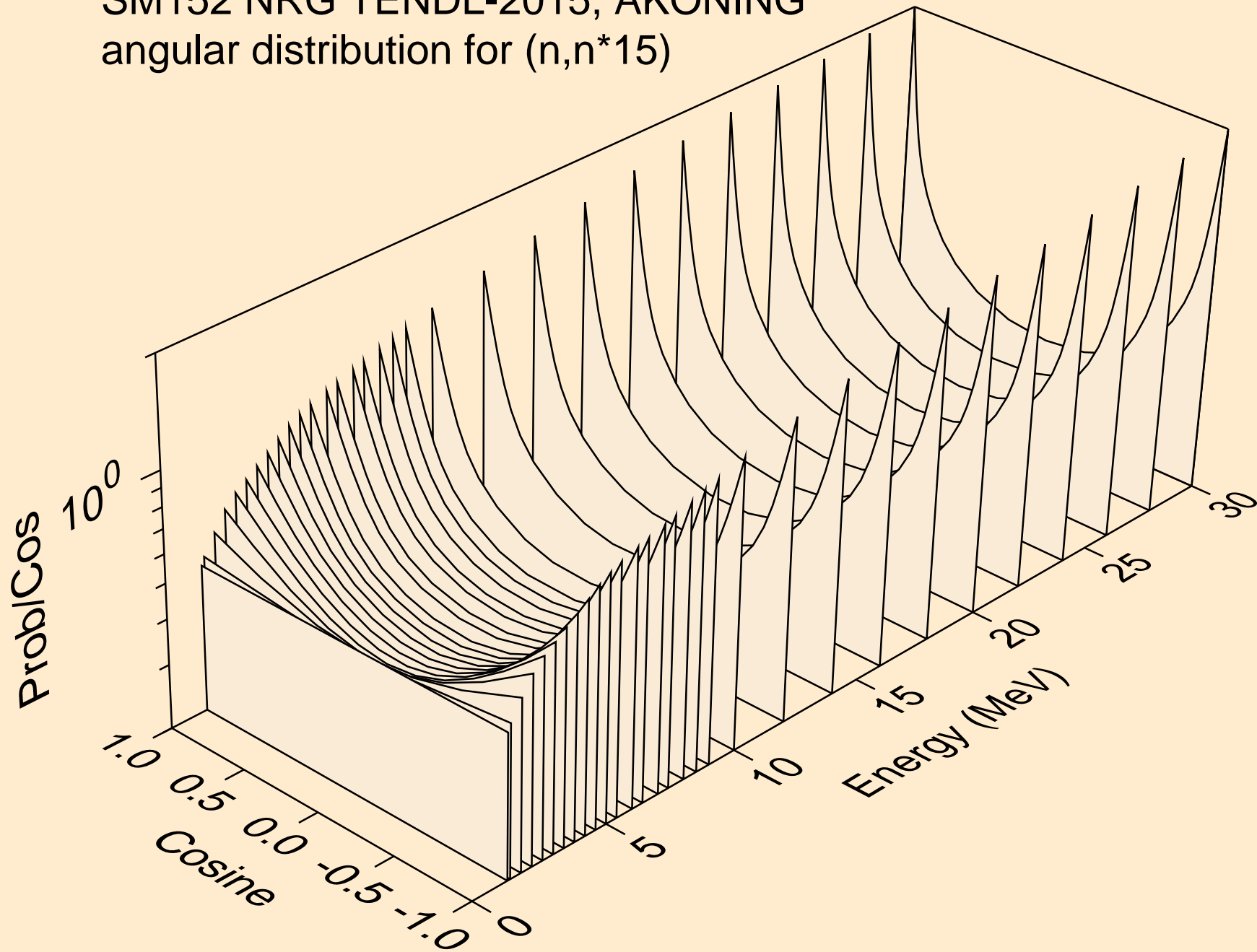


SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

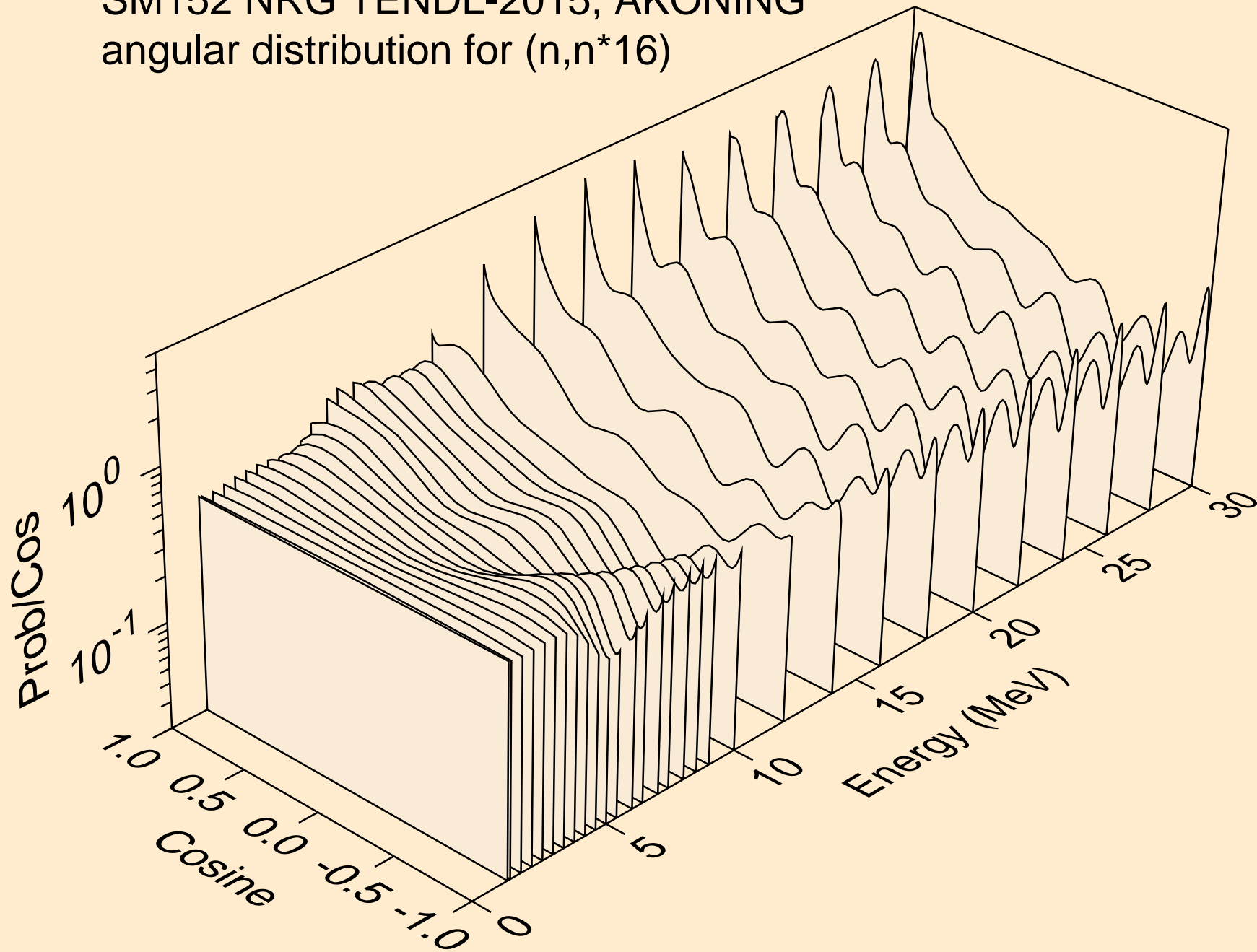




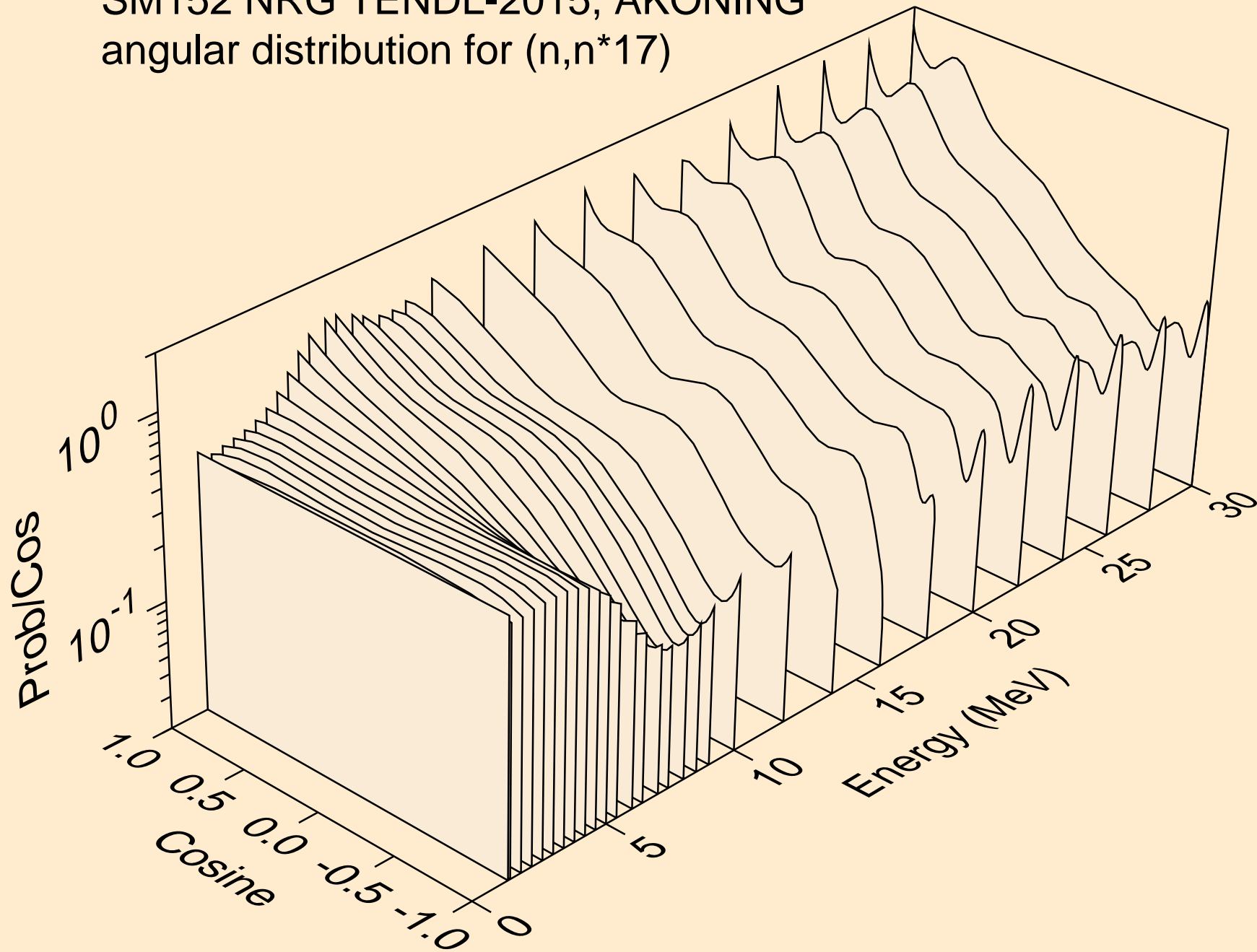
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



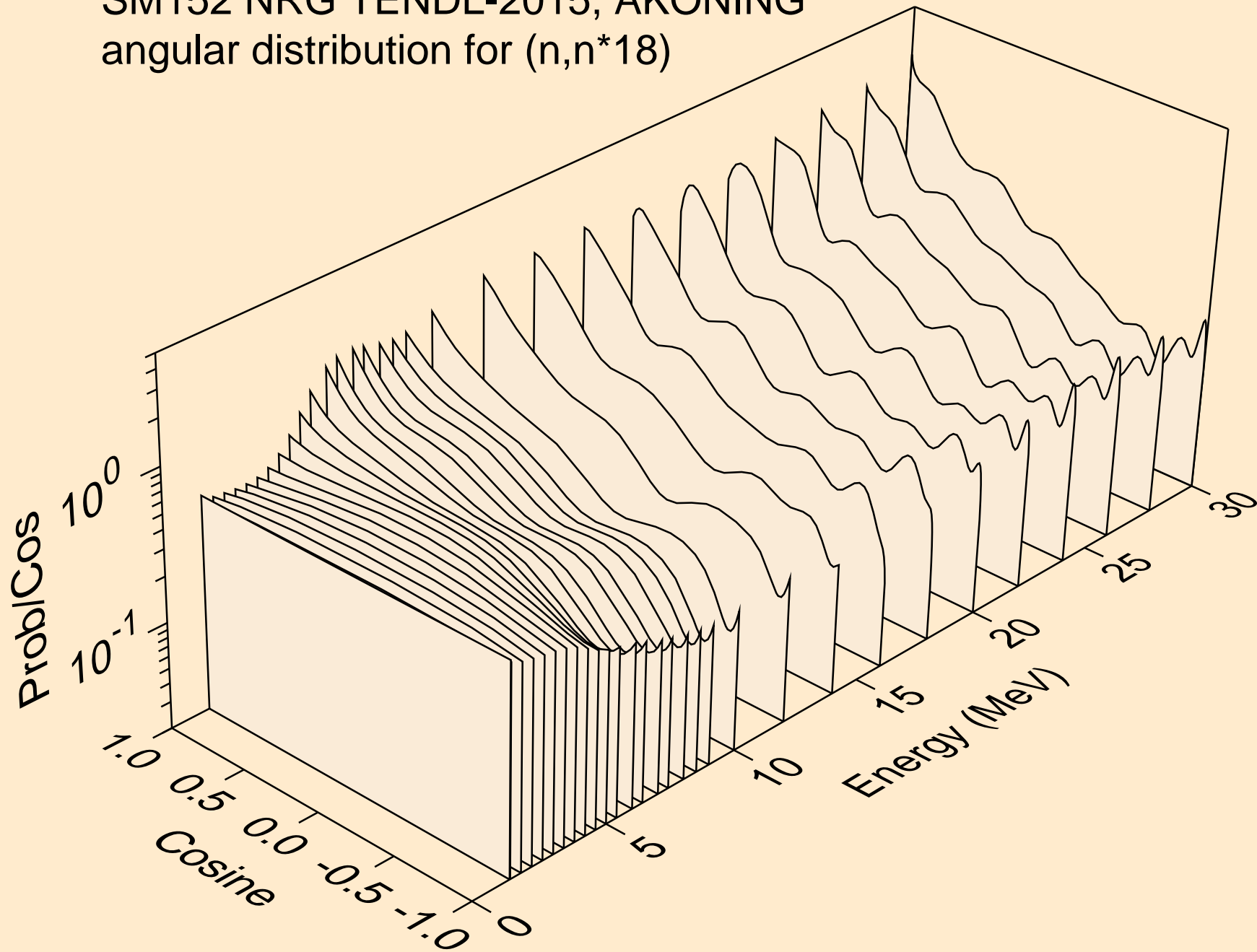
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



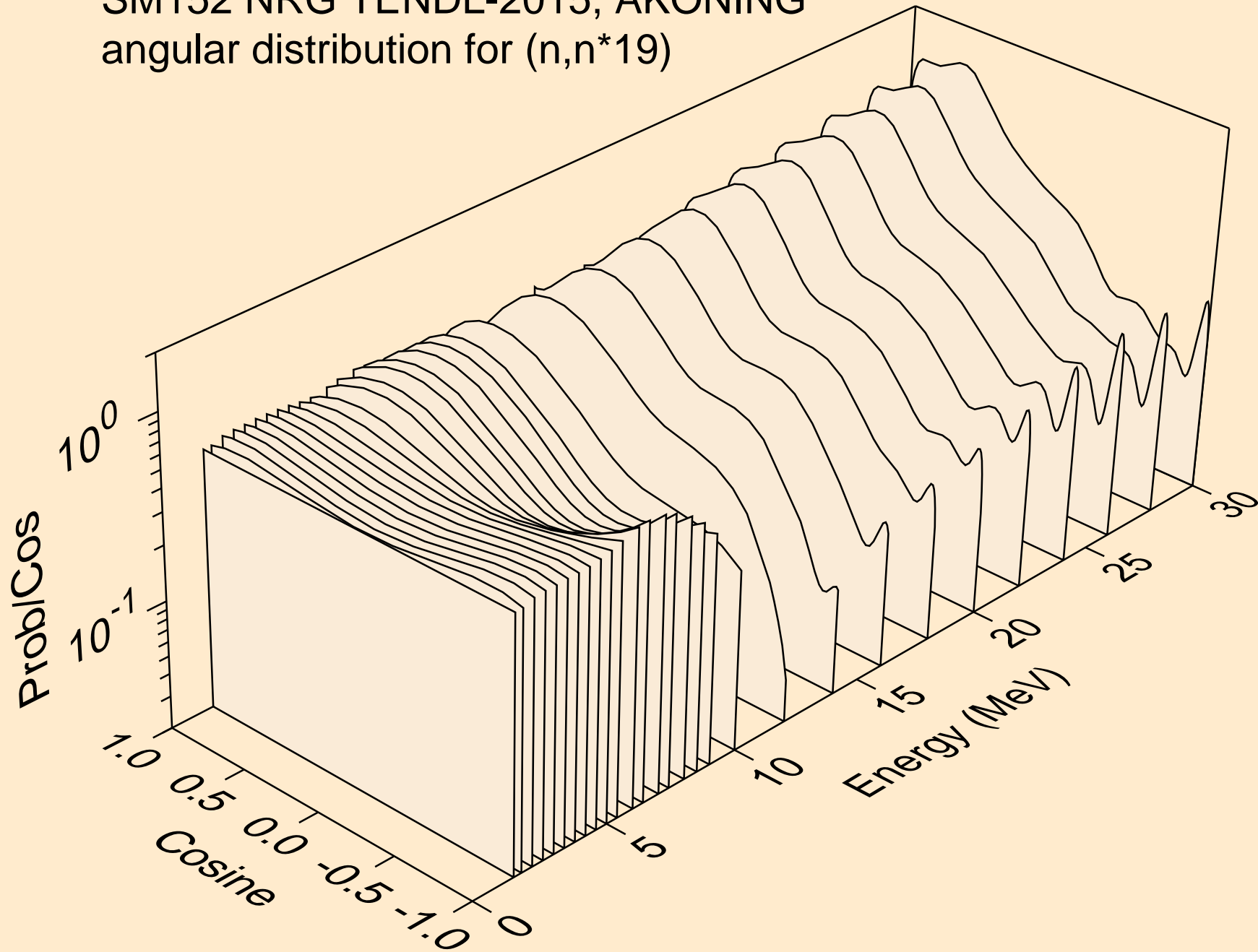
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



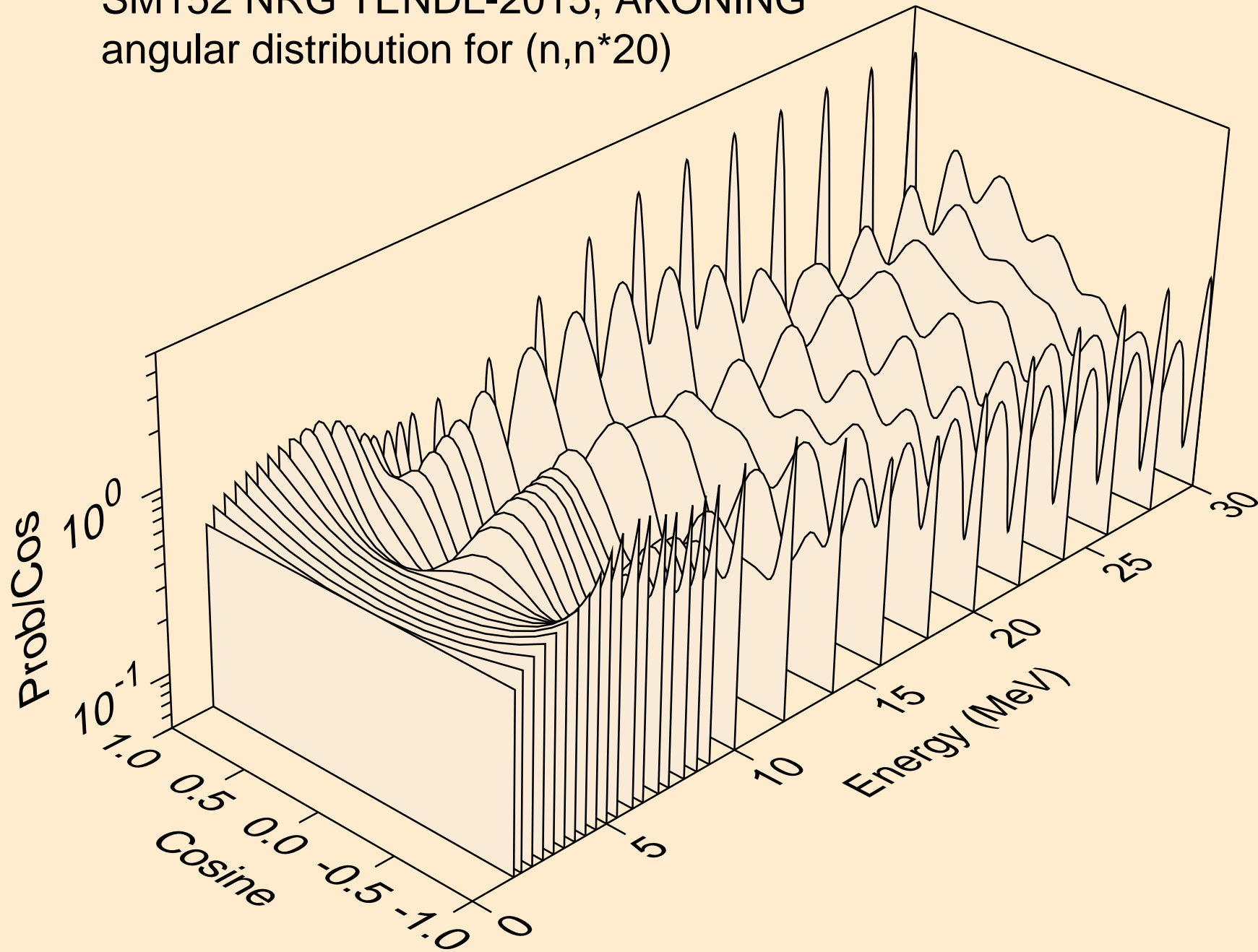
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



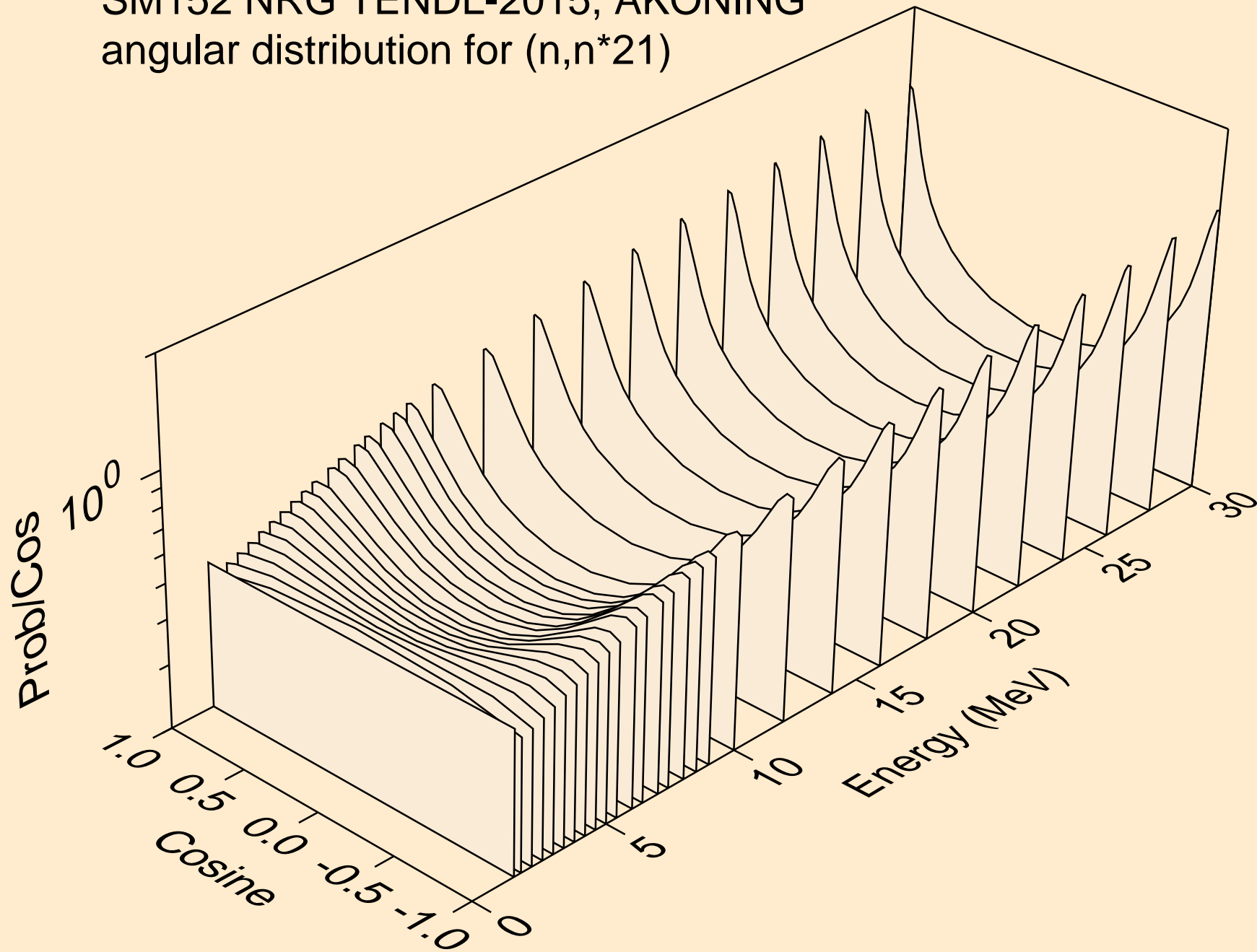
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



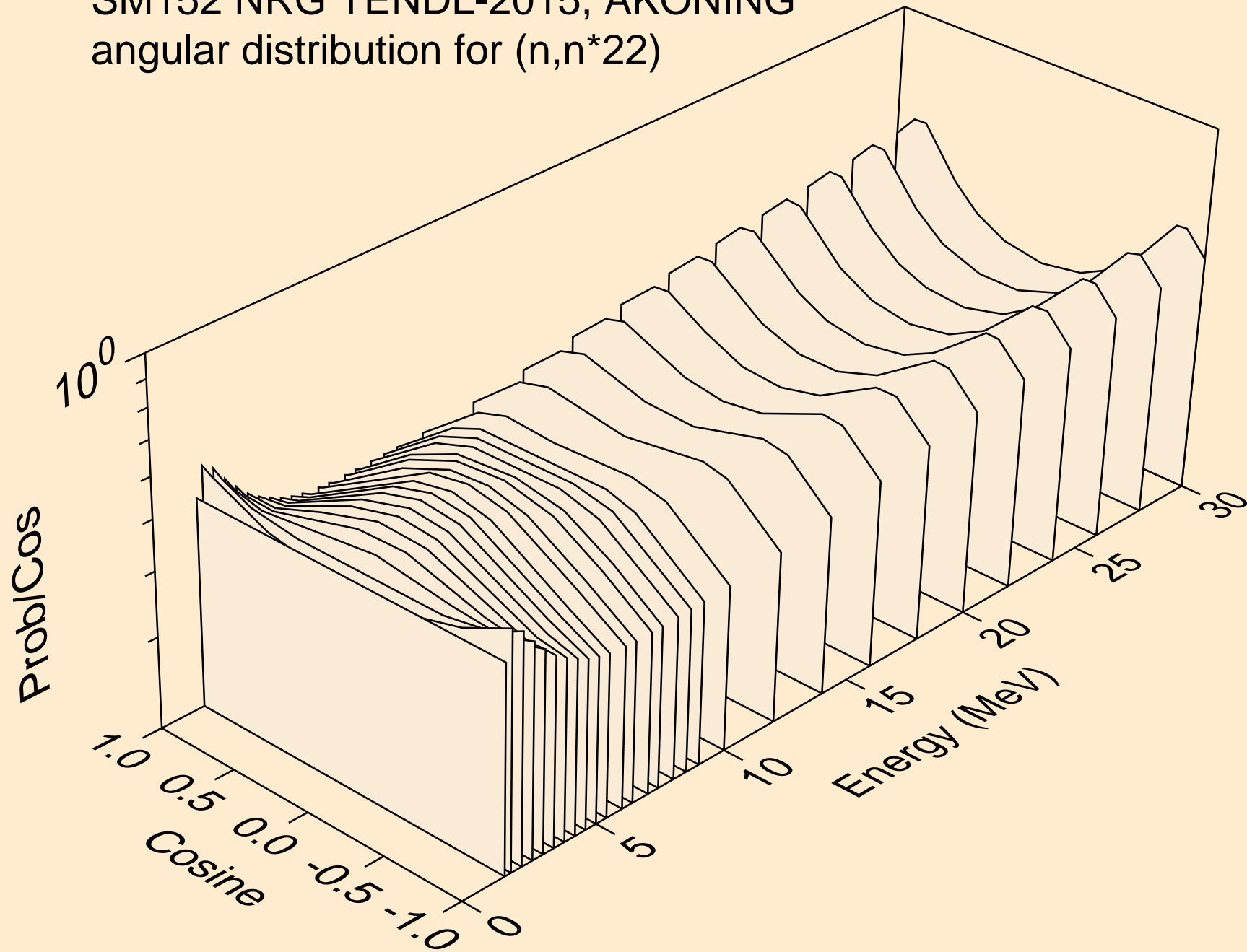
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

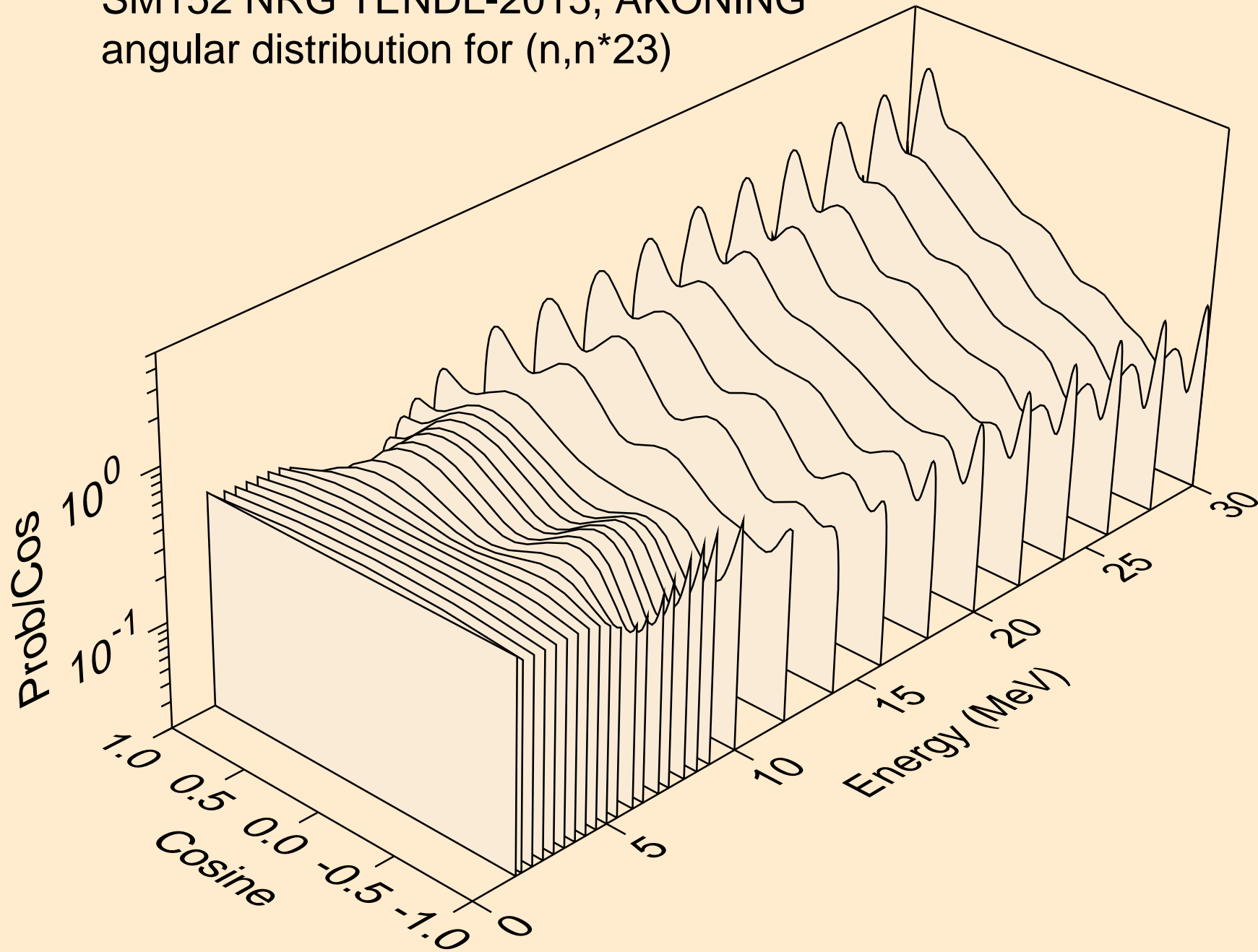


SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

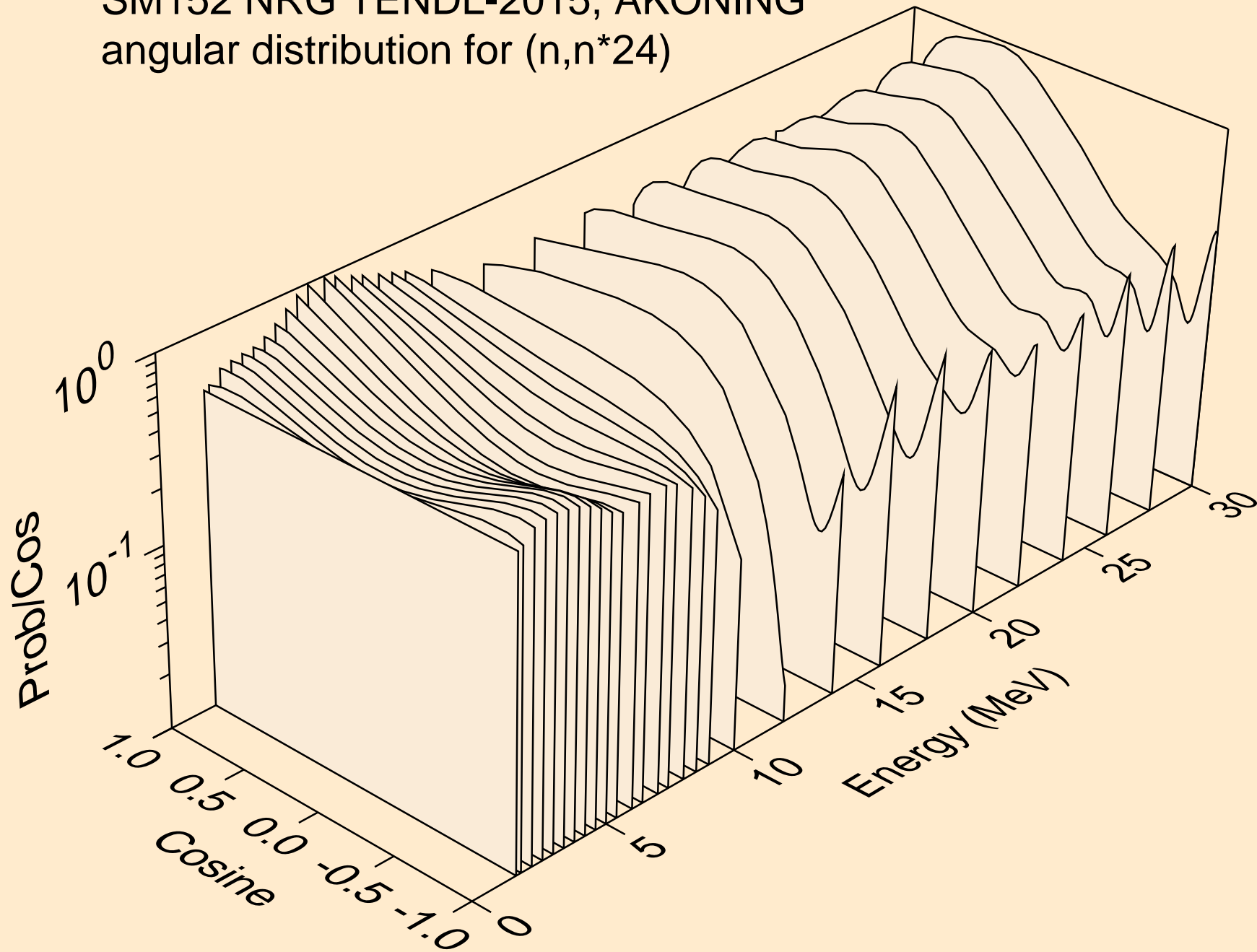




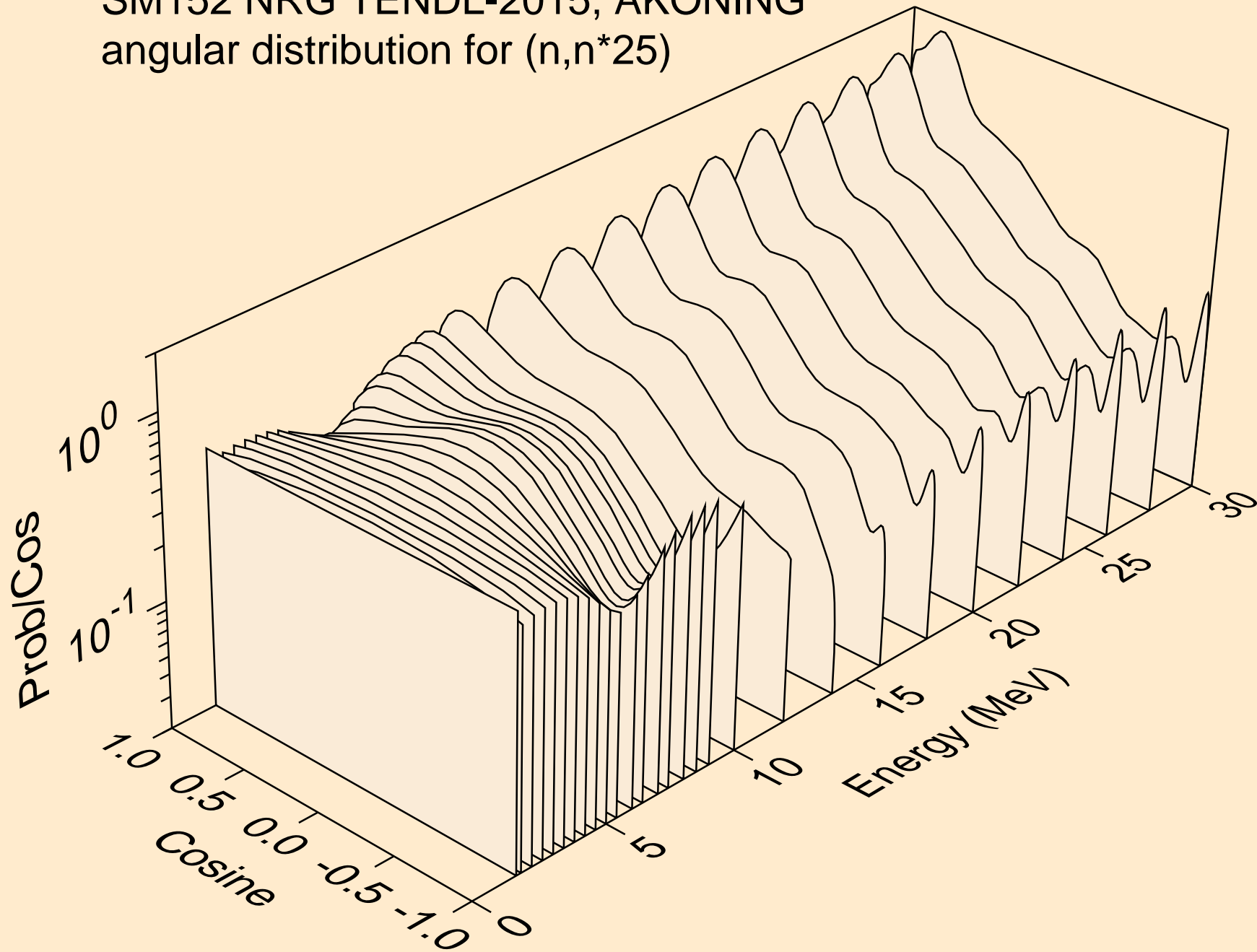
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



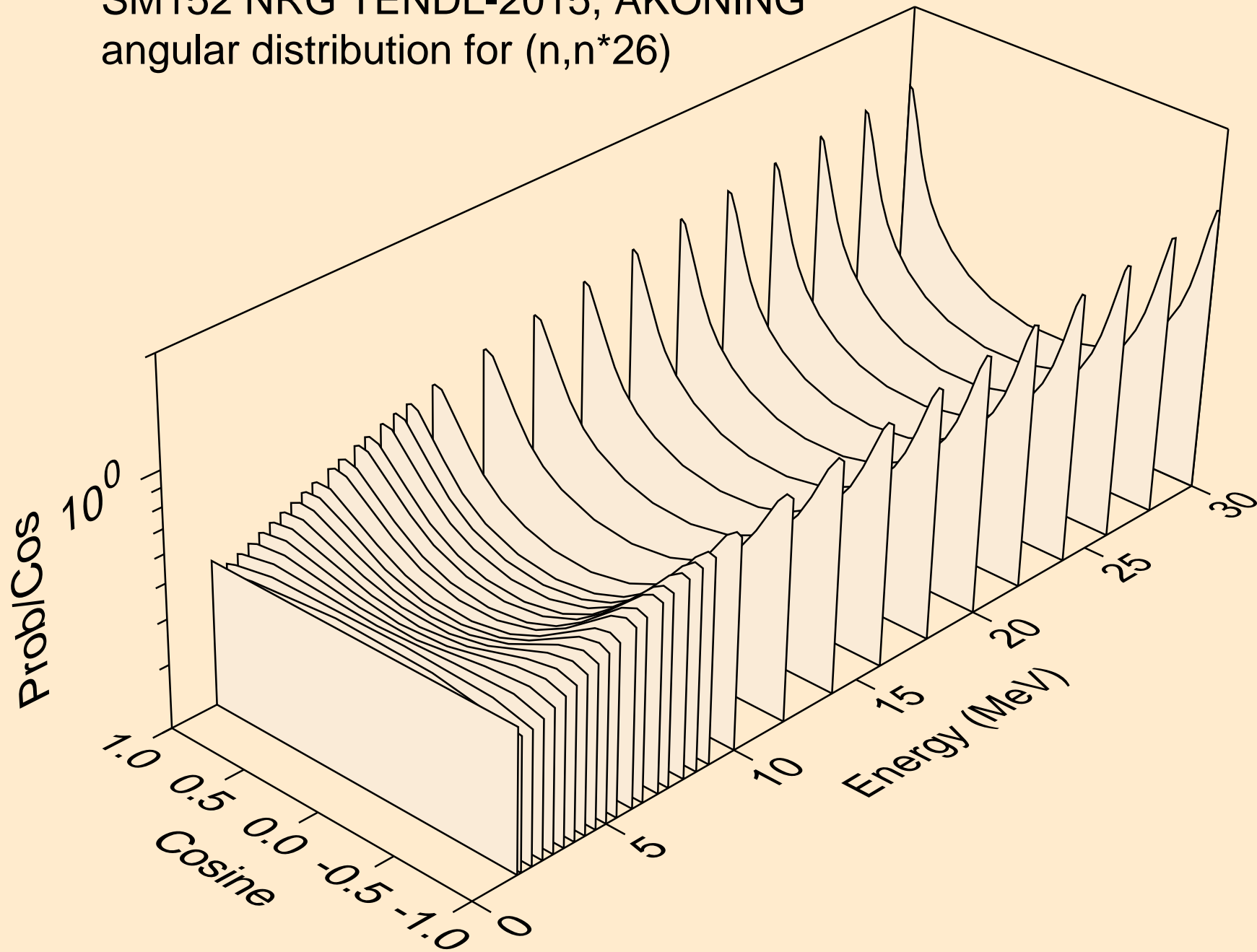
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



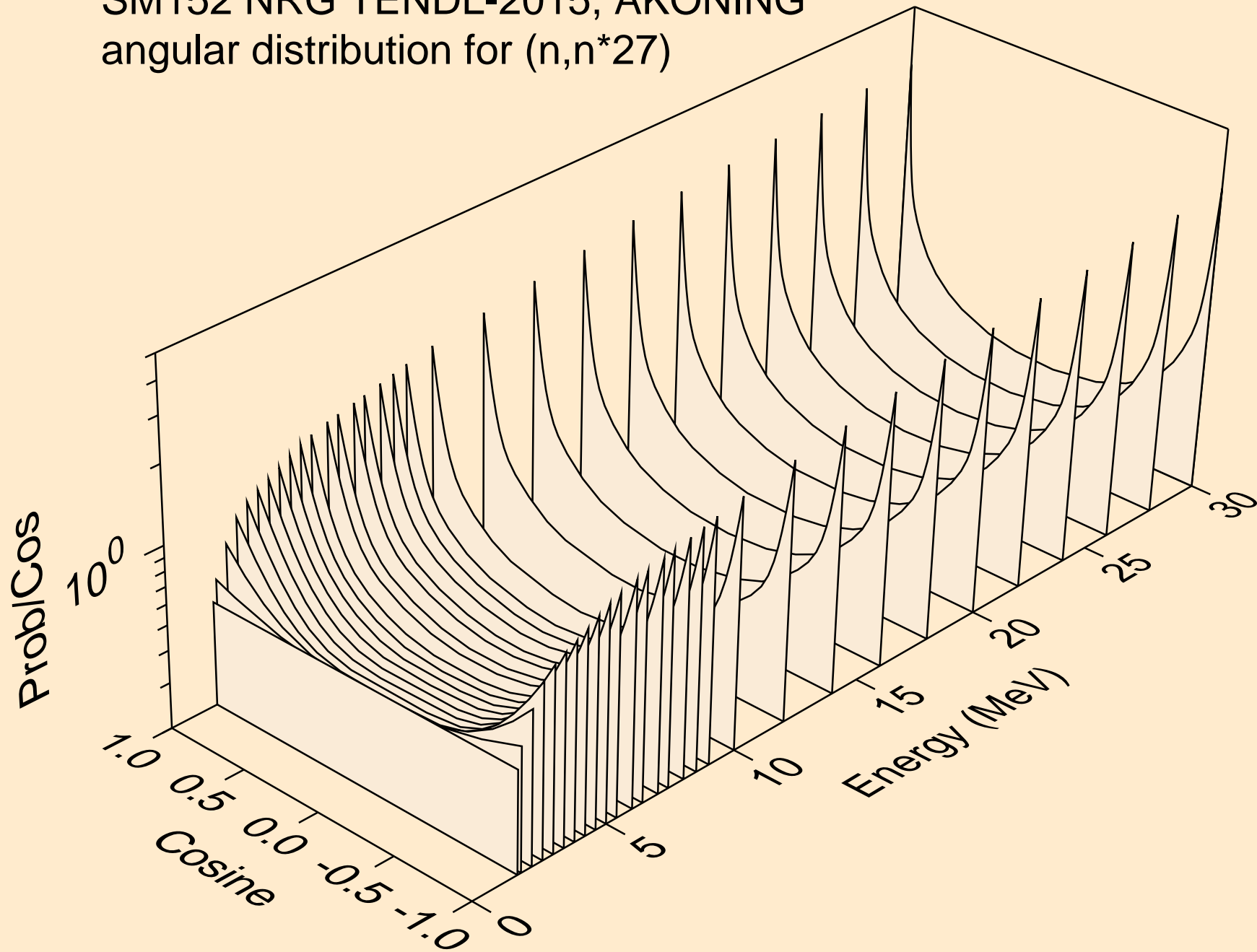
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



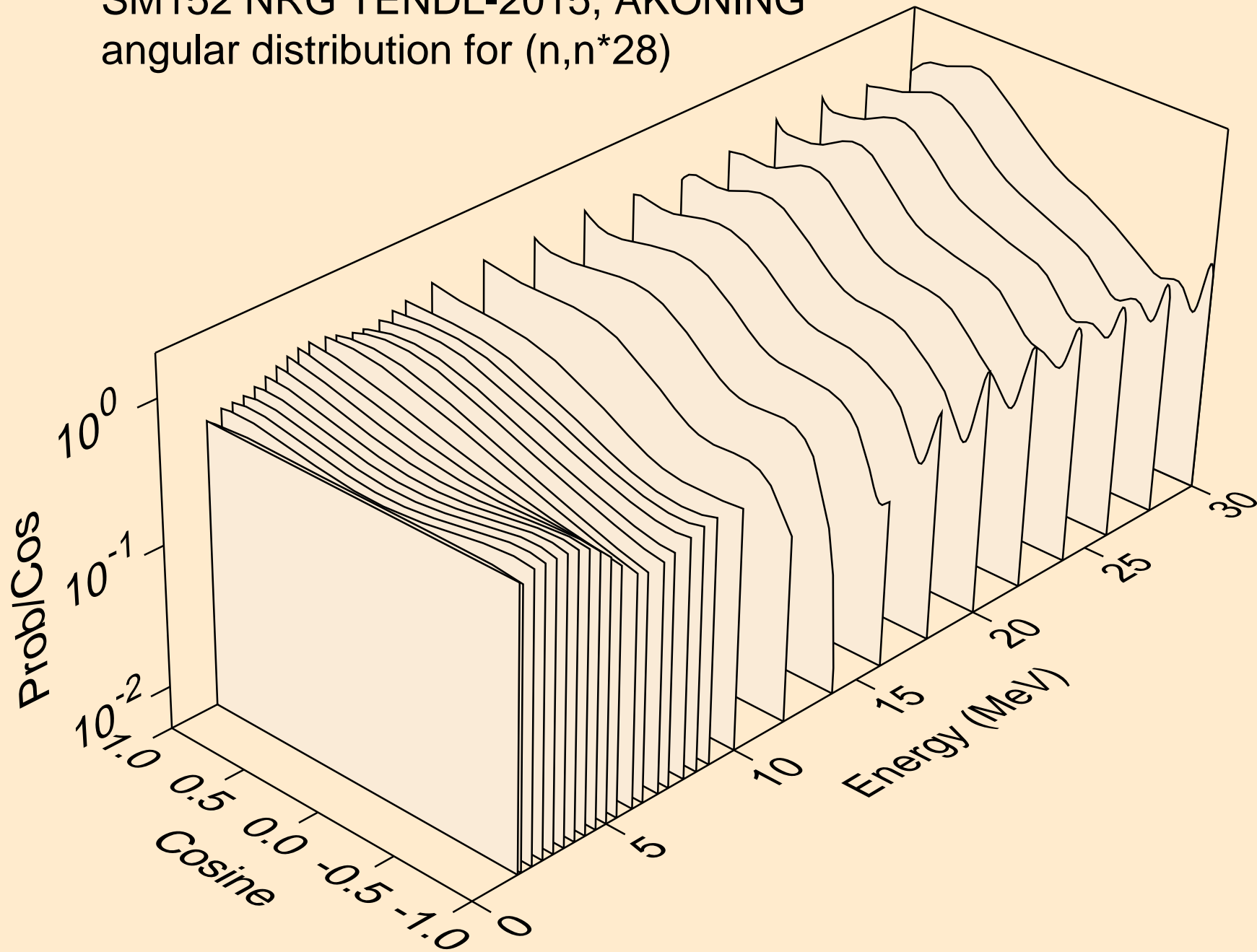
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



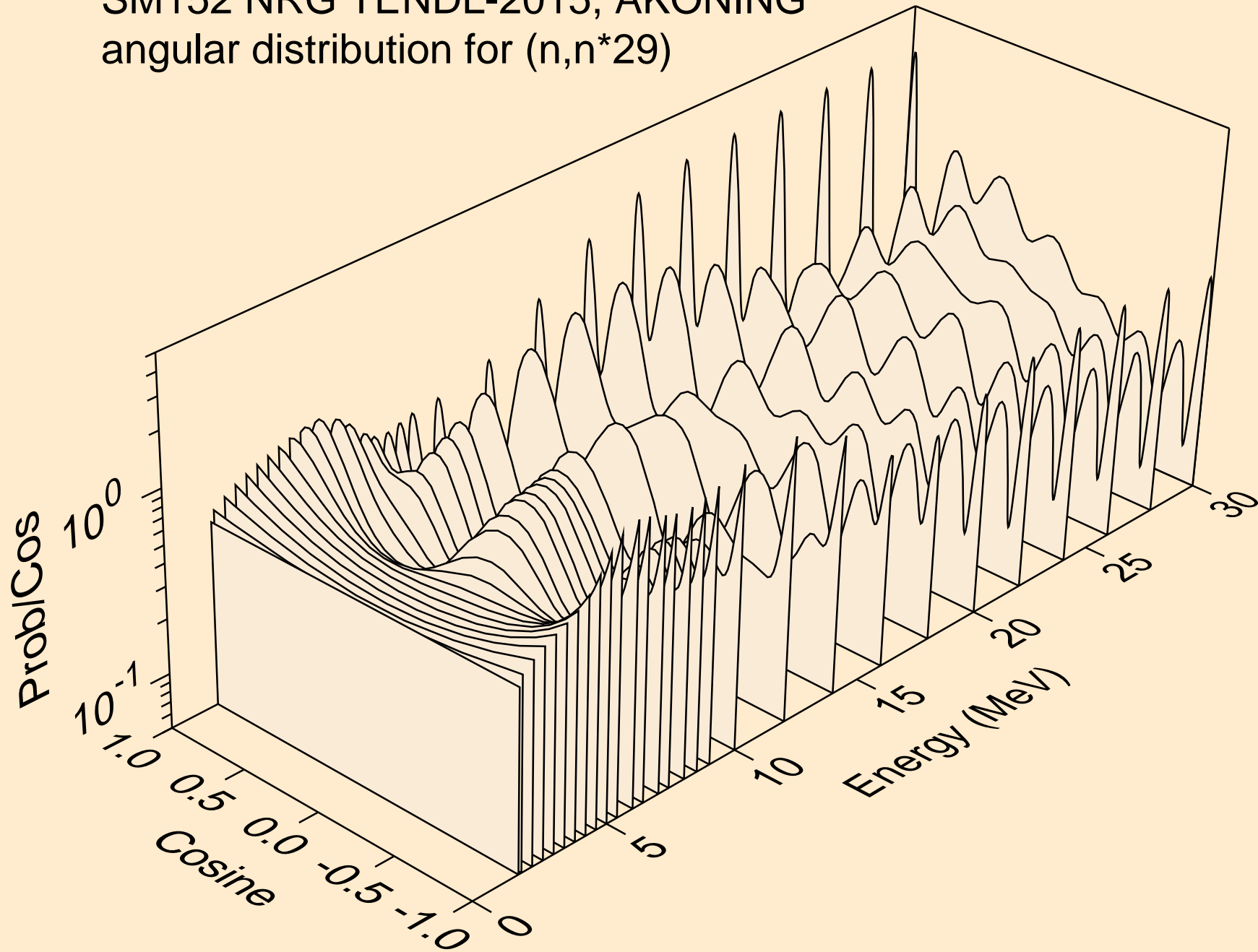
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



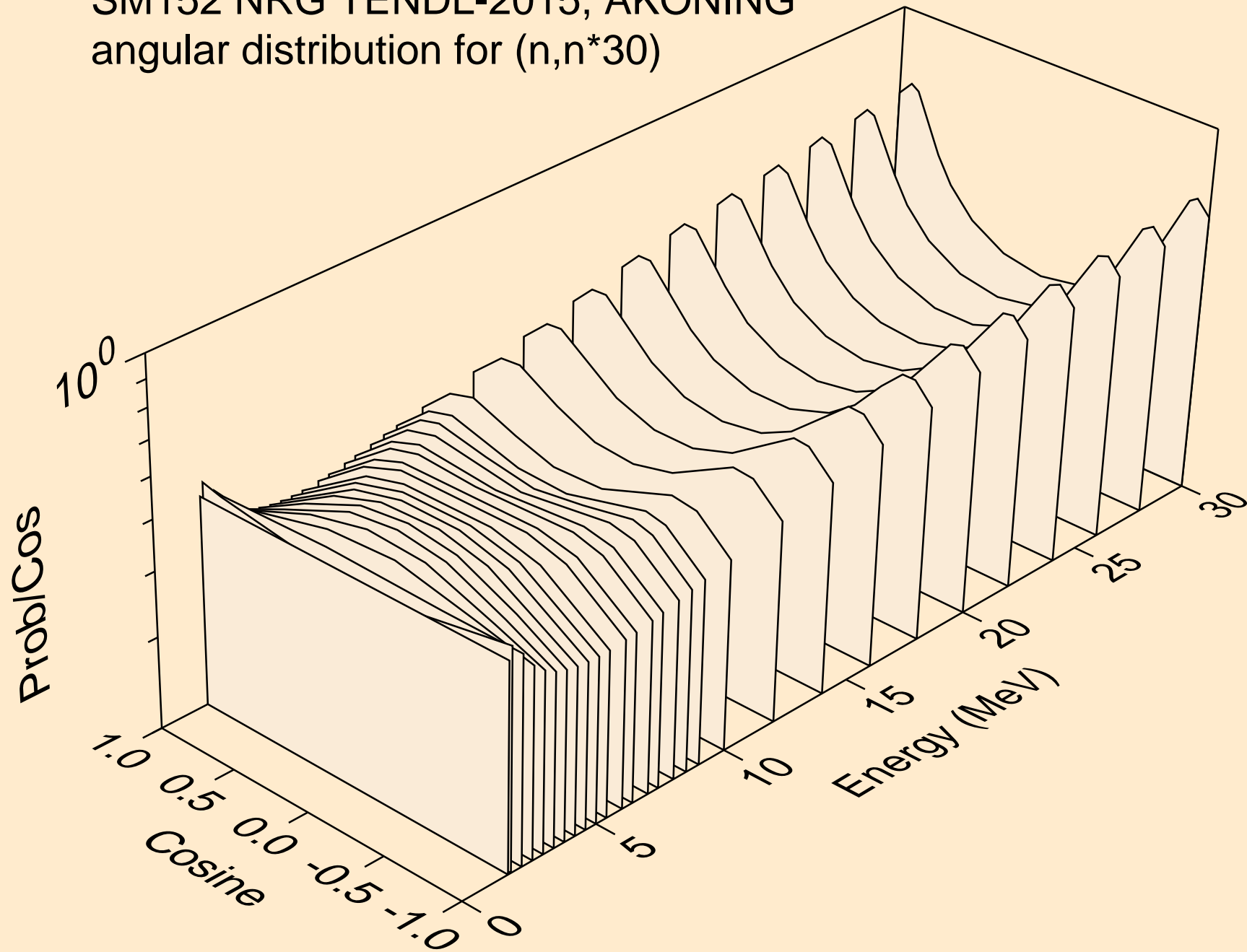
SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

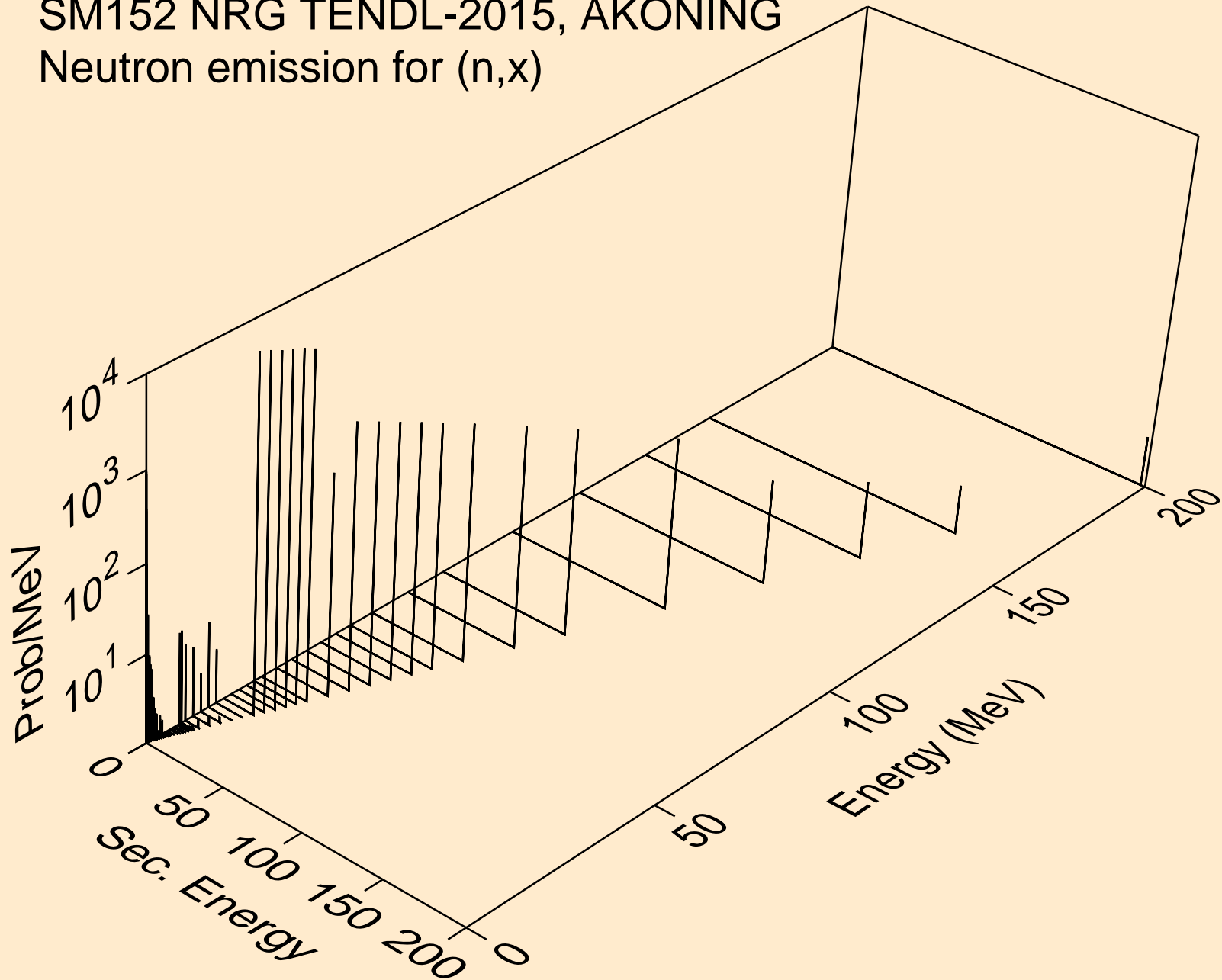


SM152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

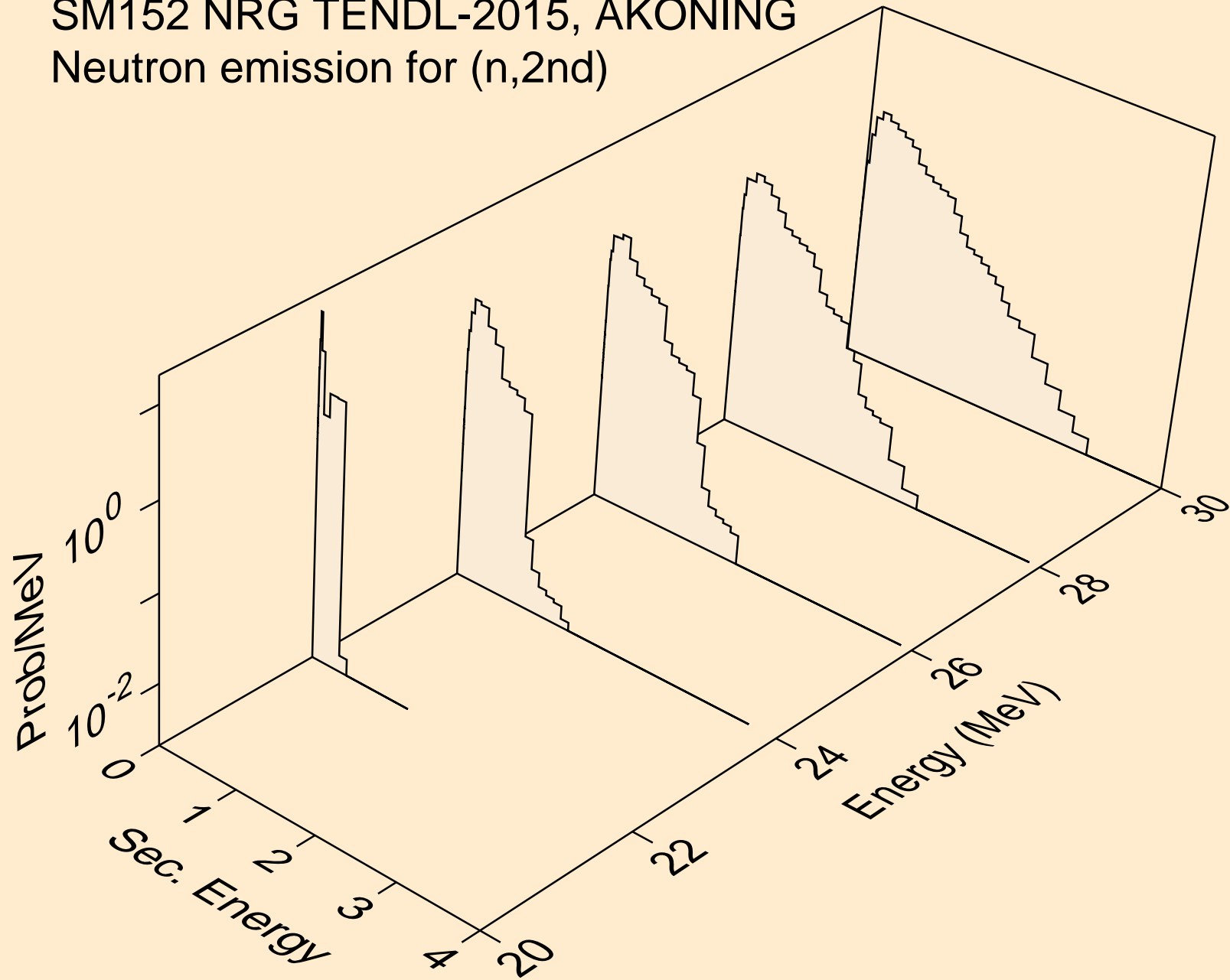




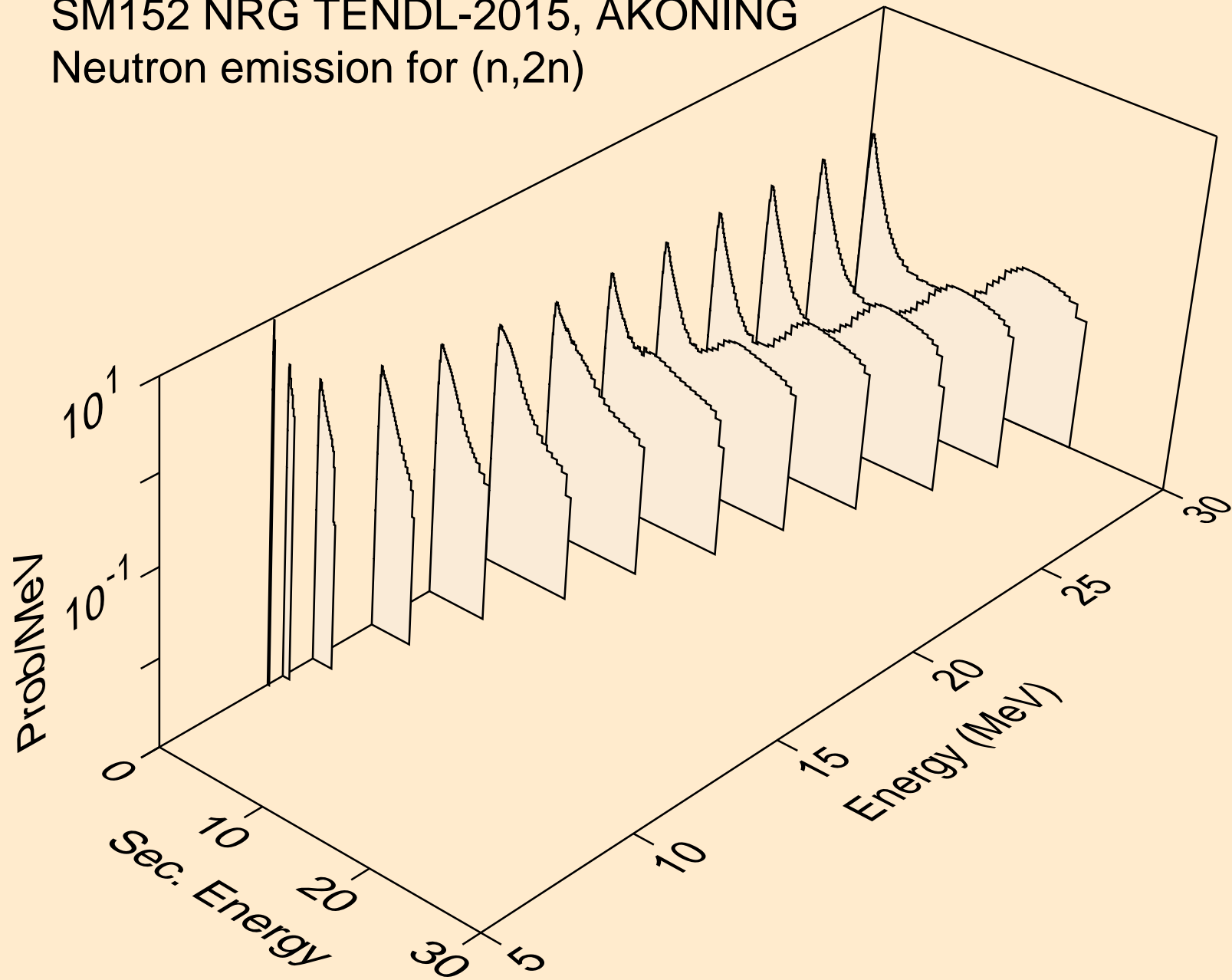
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



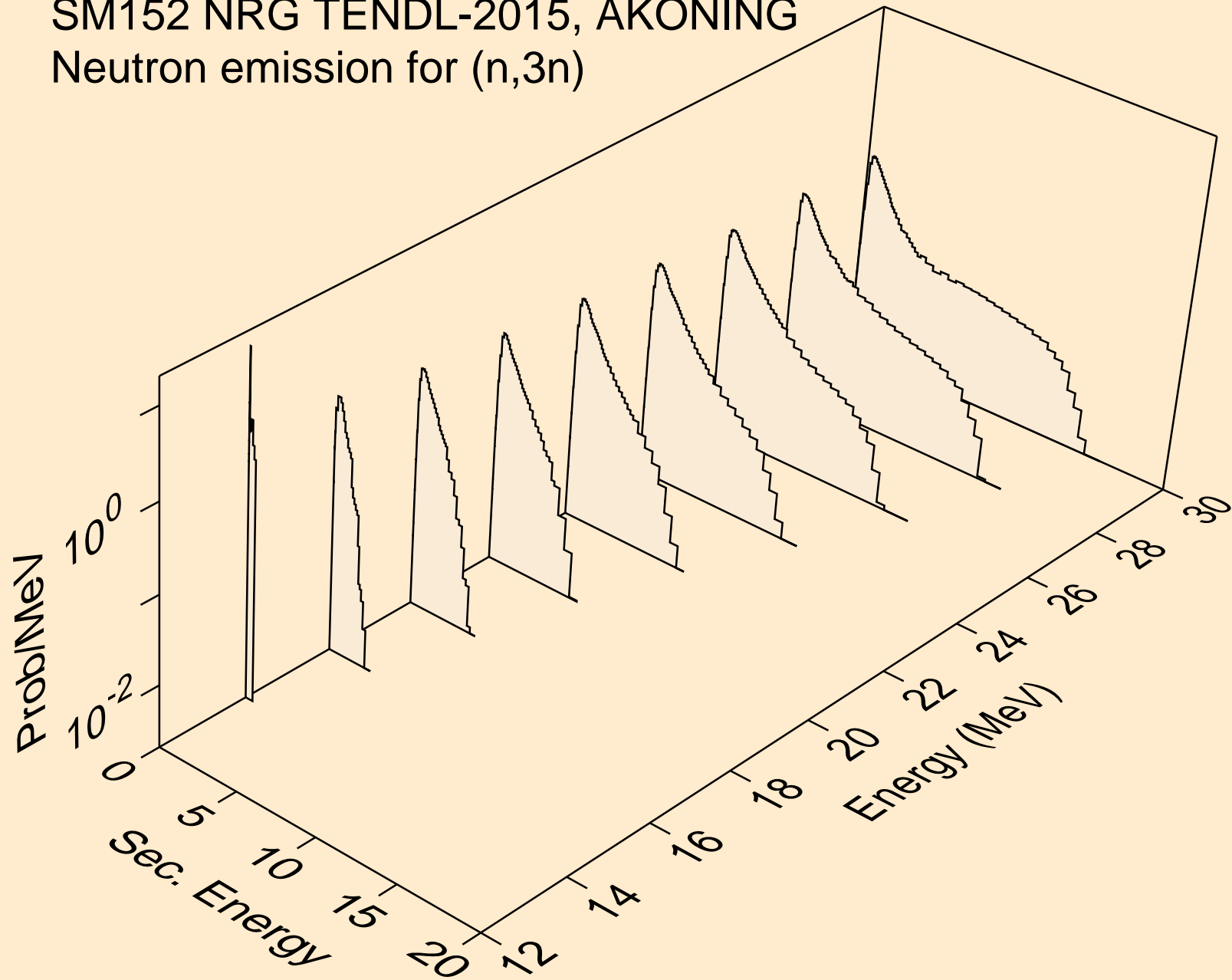
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



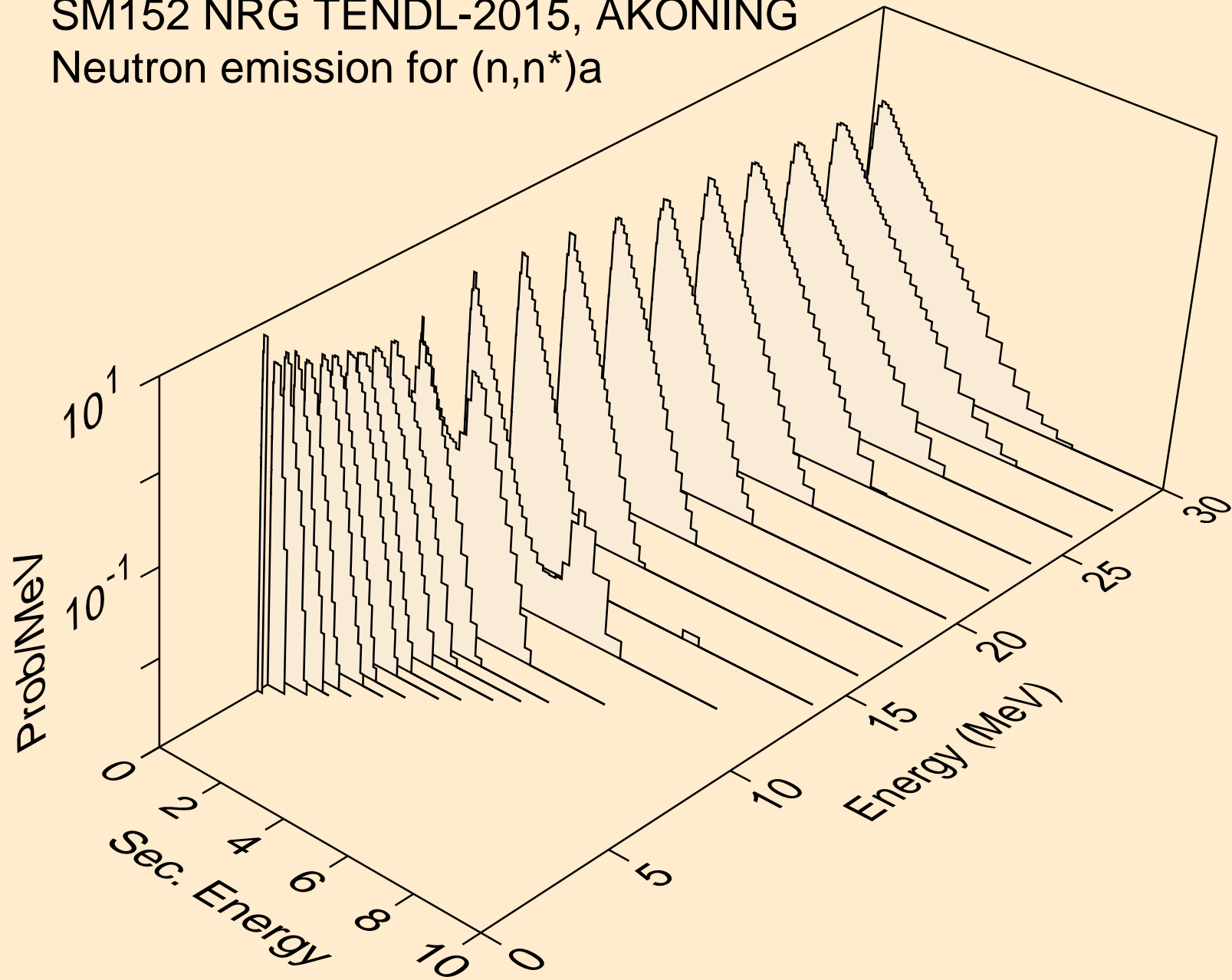
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



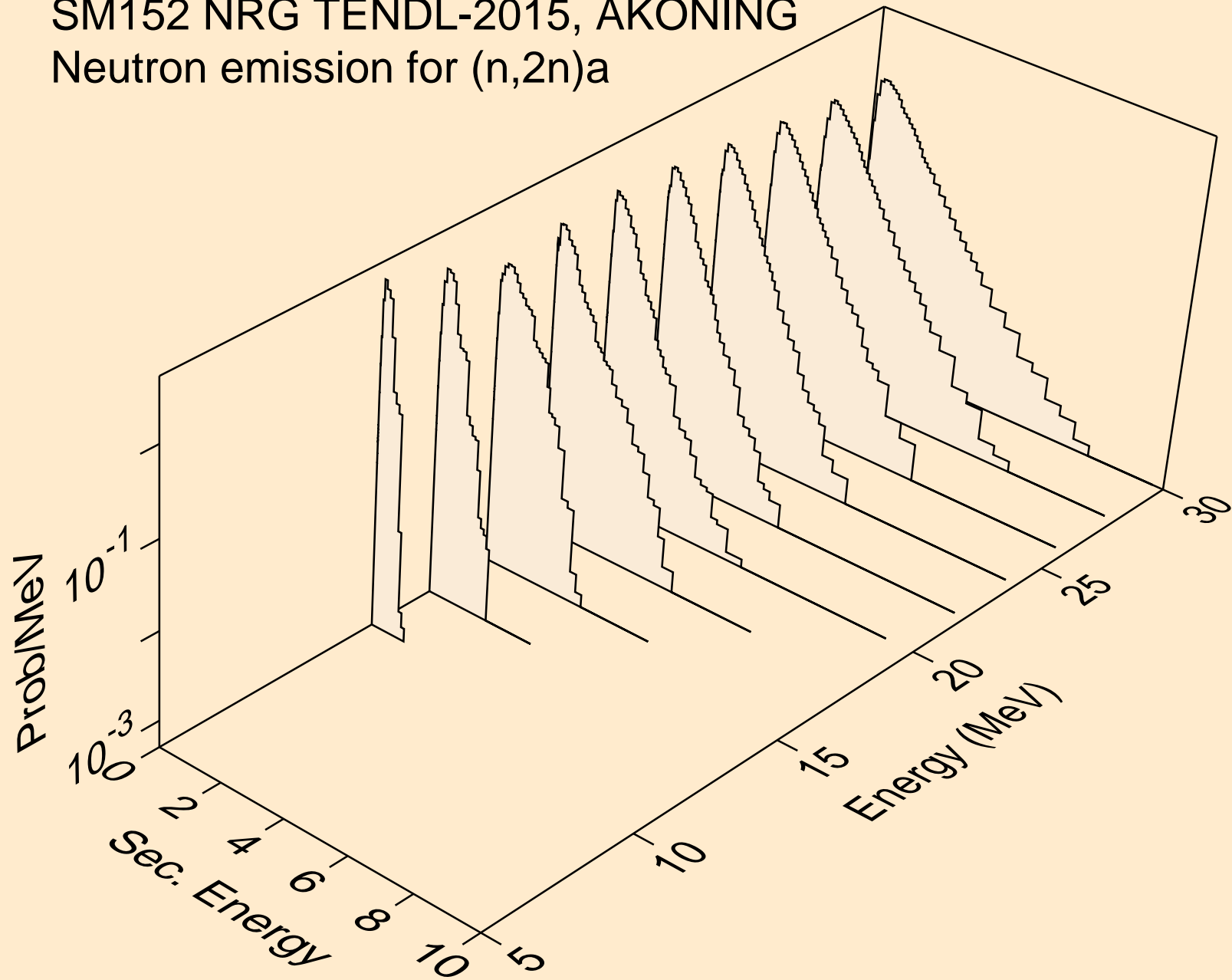
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



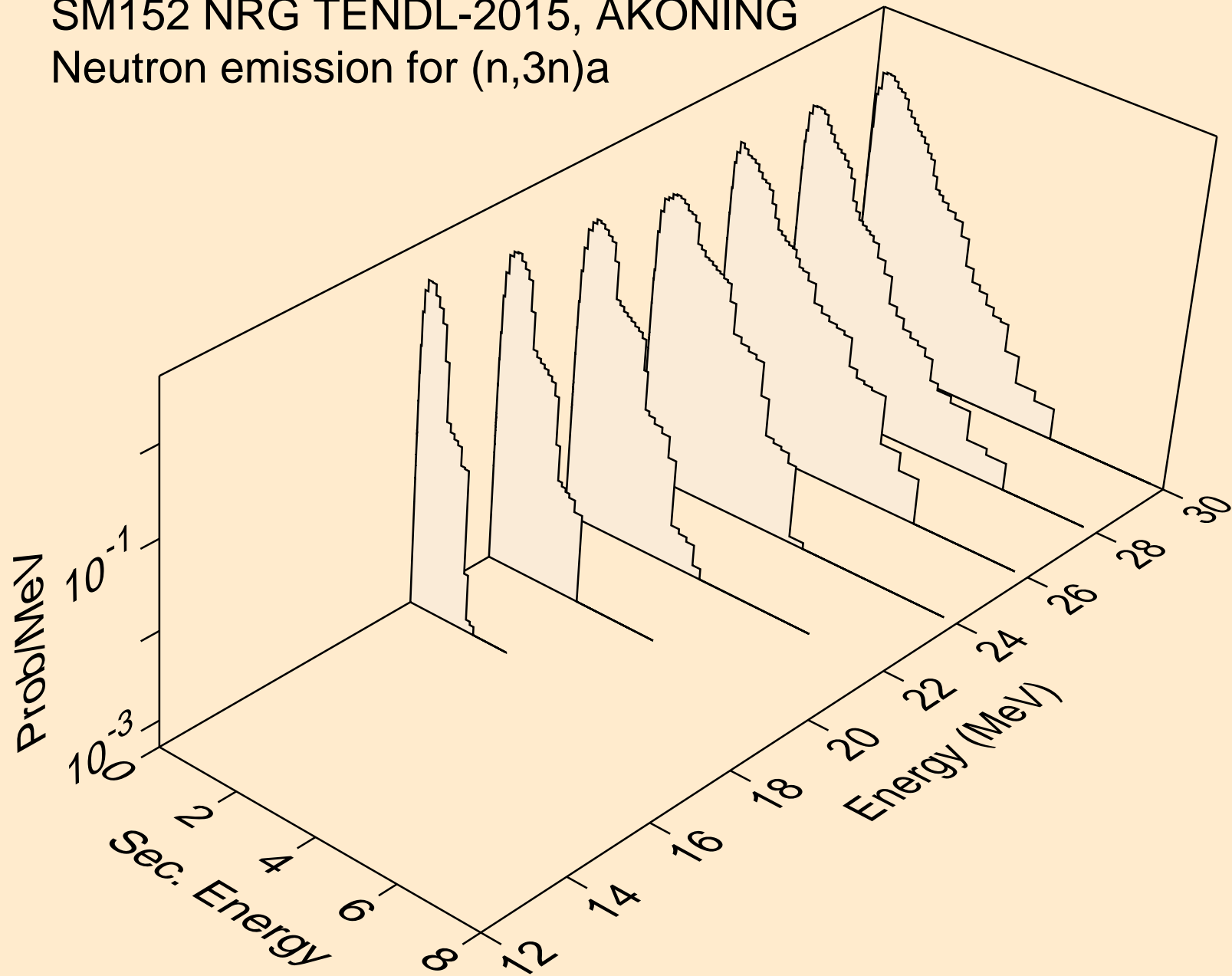
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



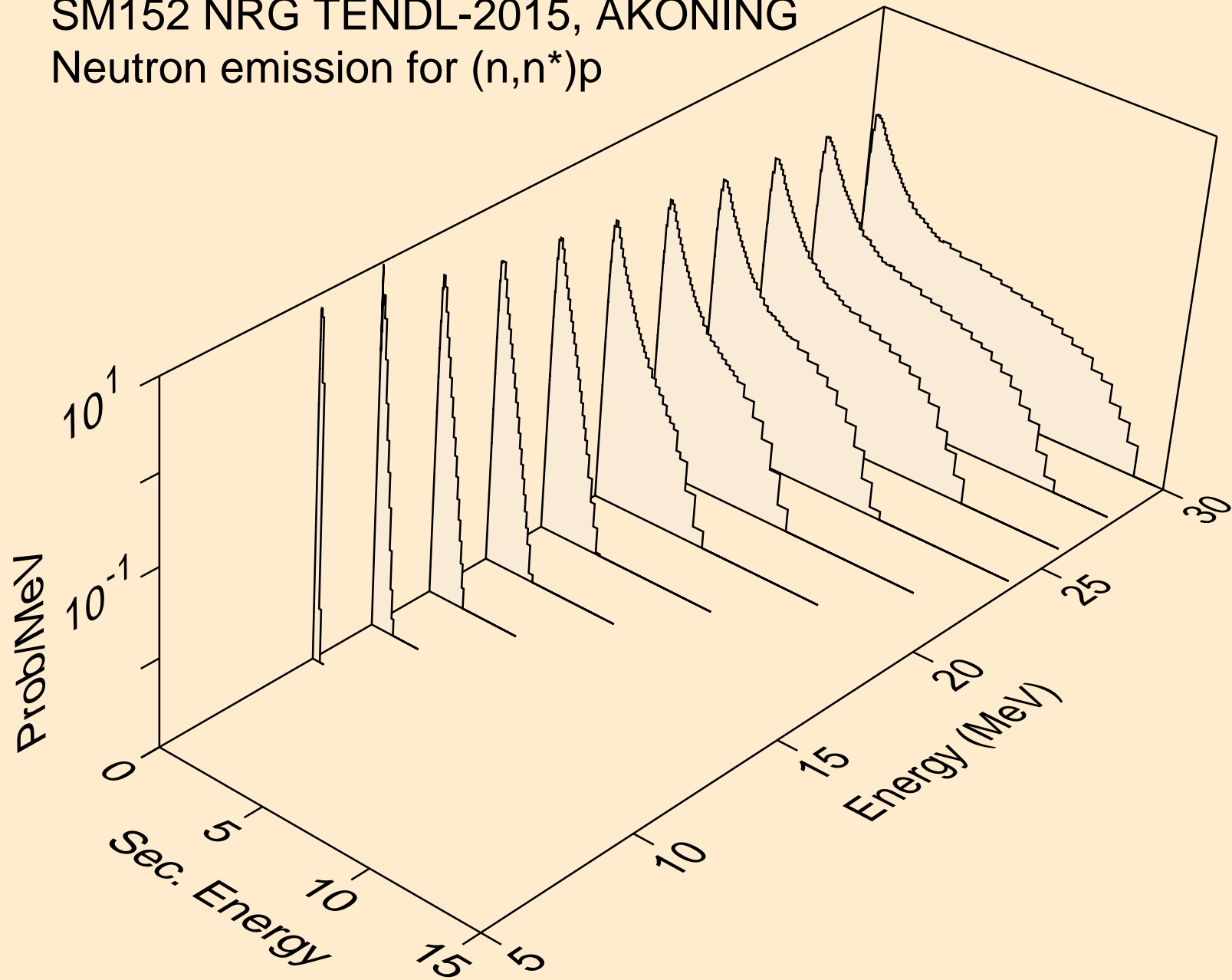
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

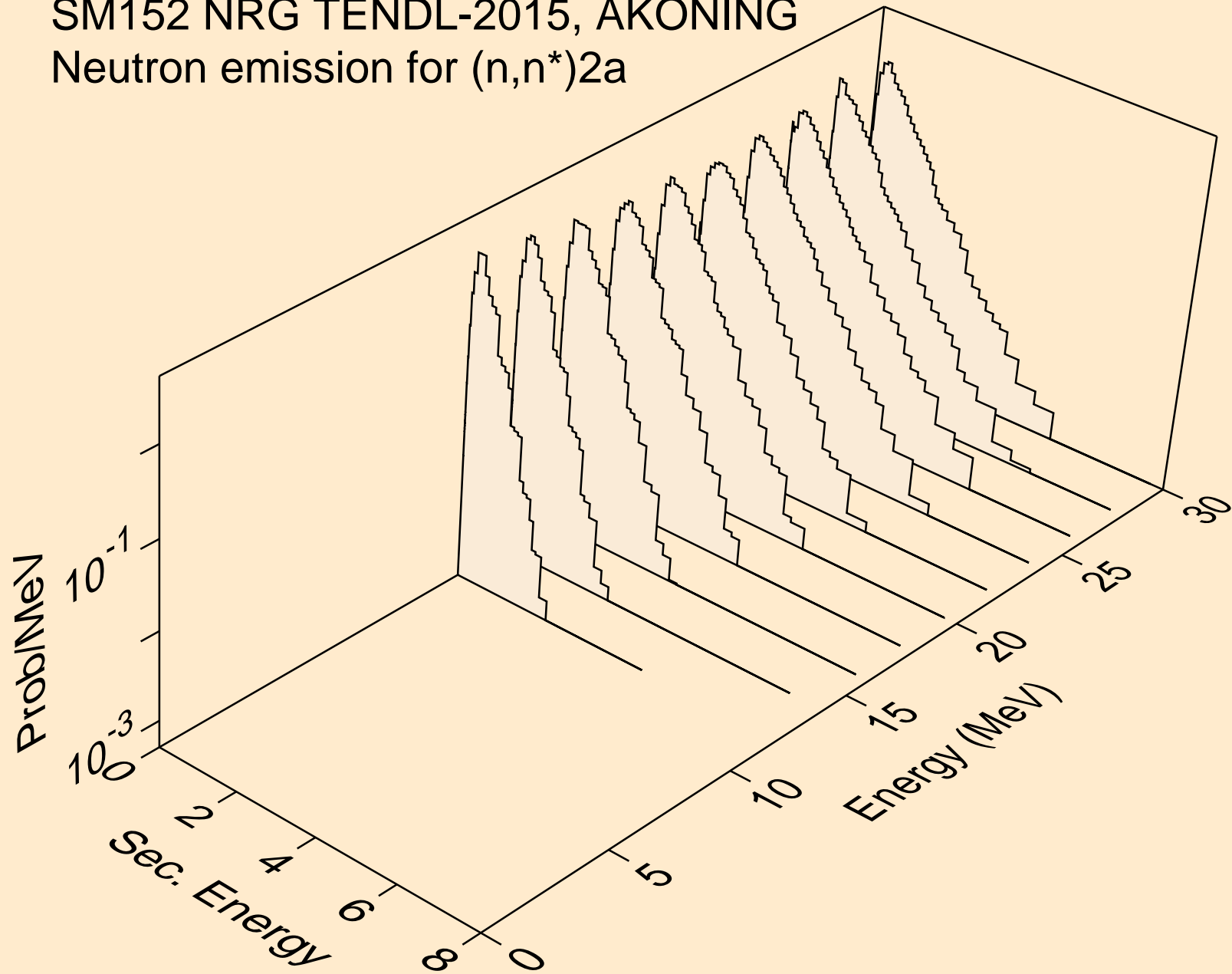


SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

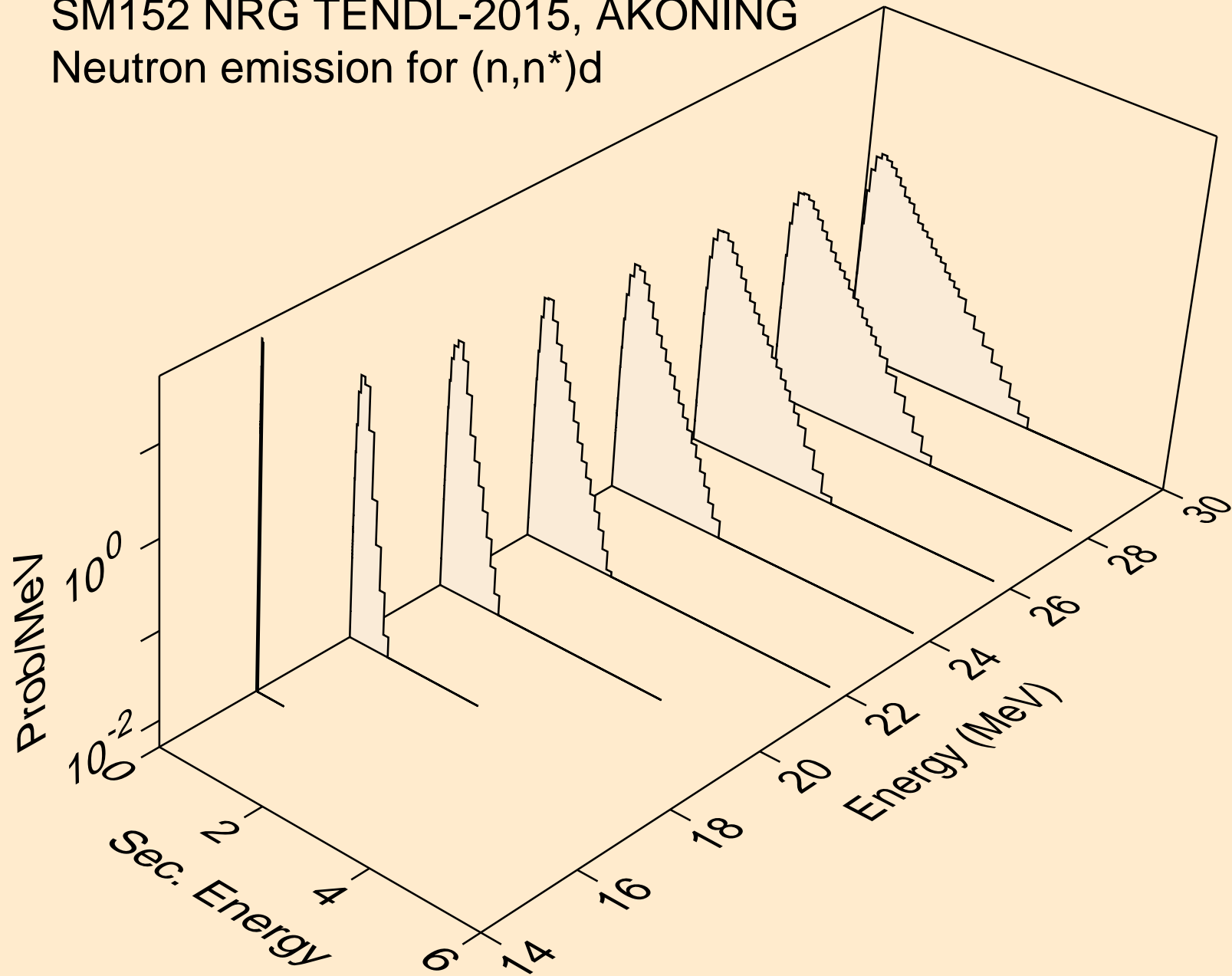




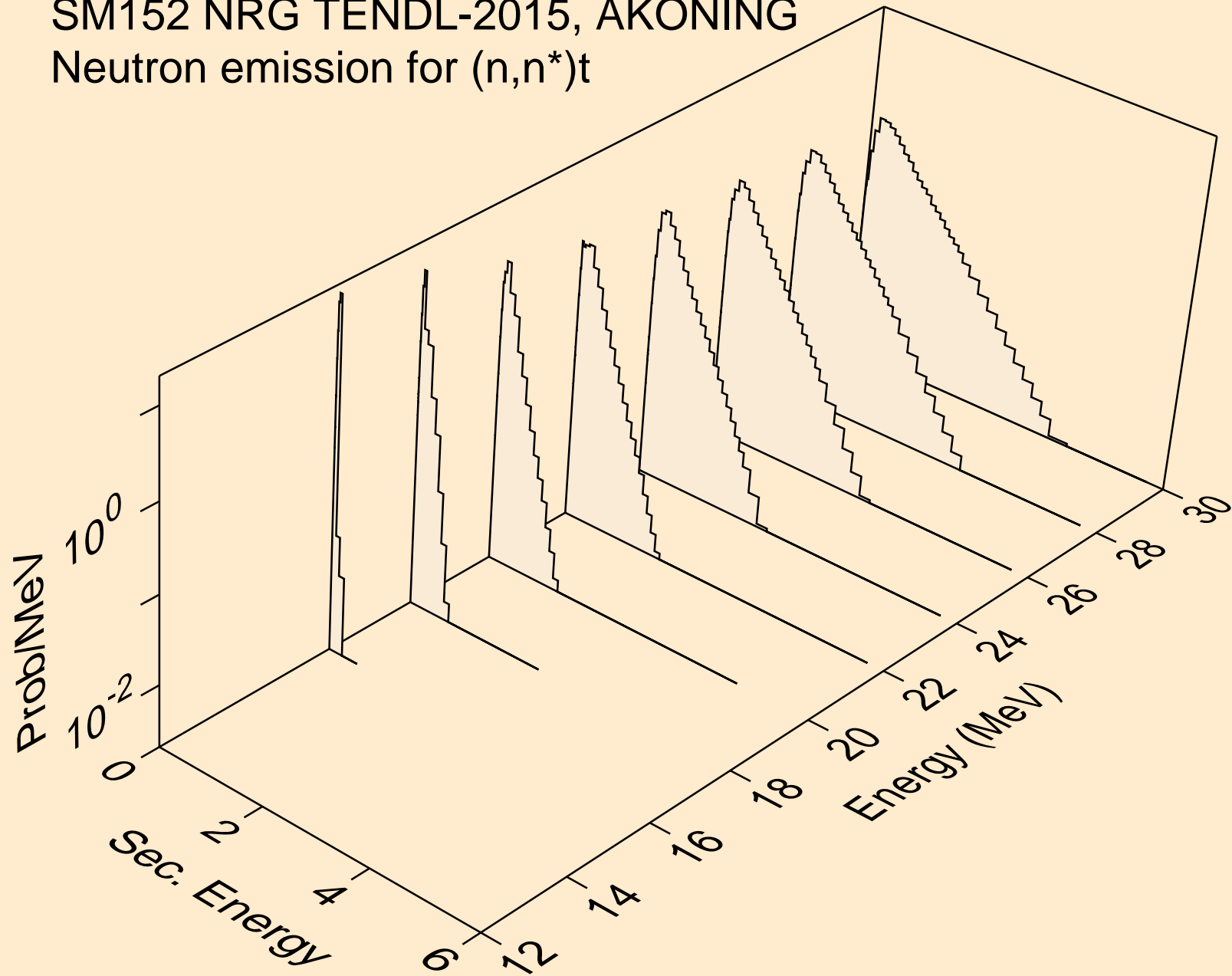
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



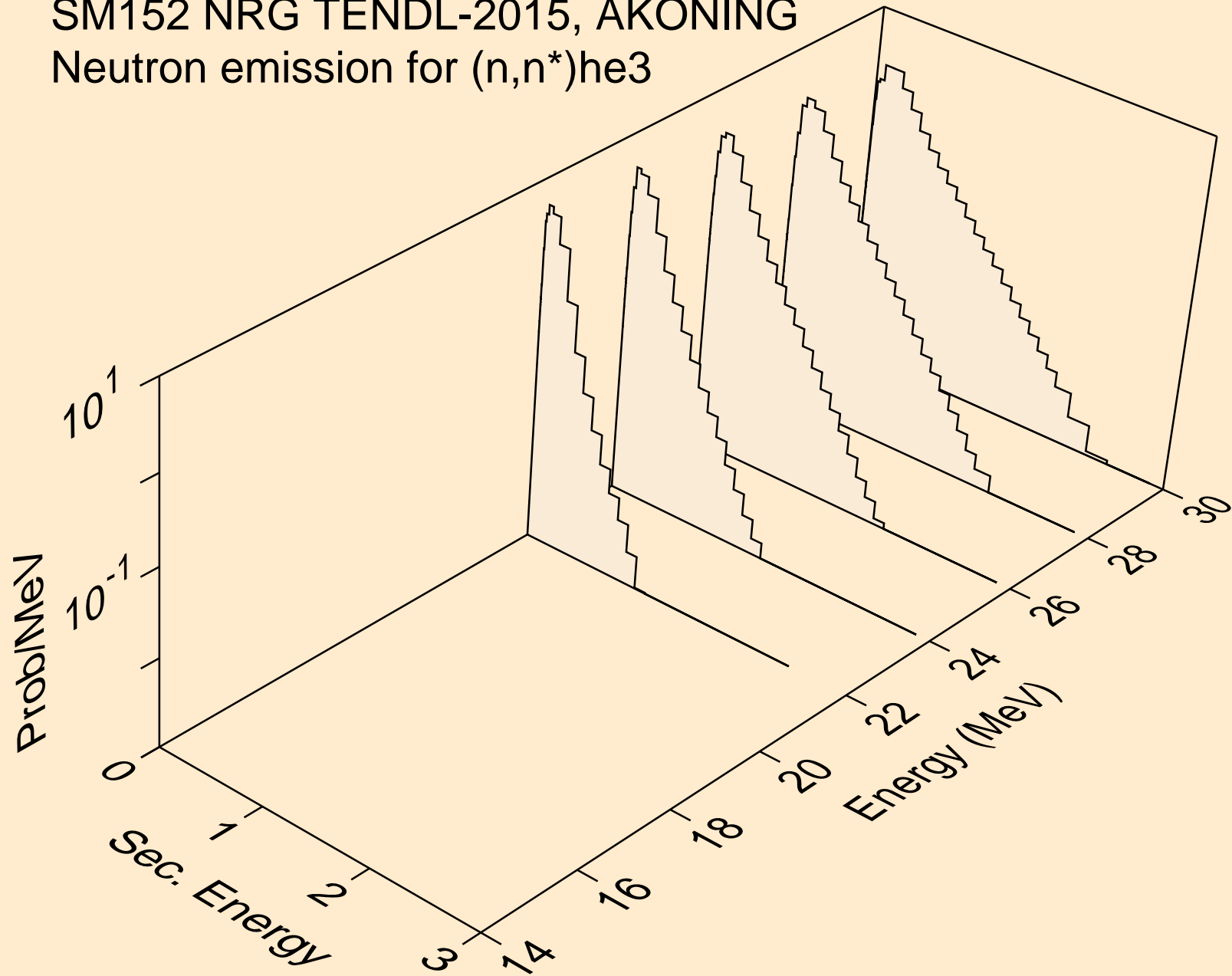
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



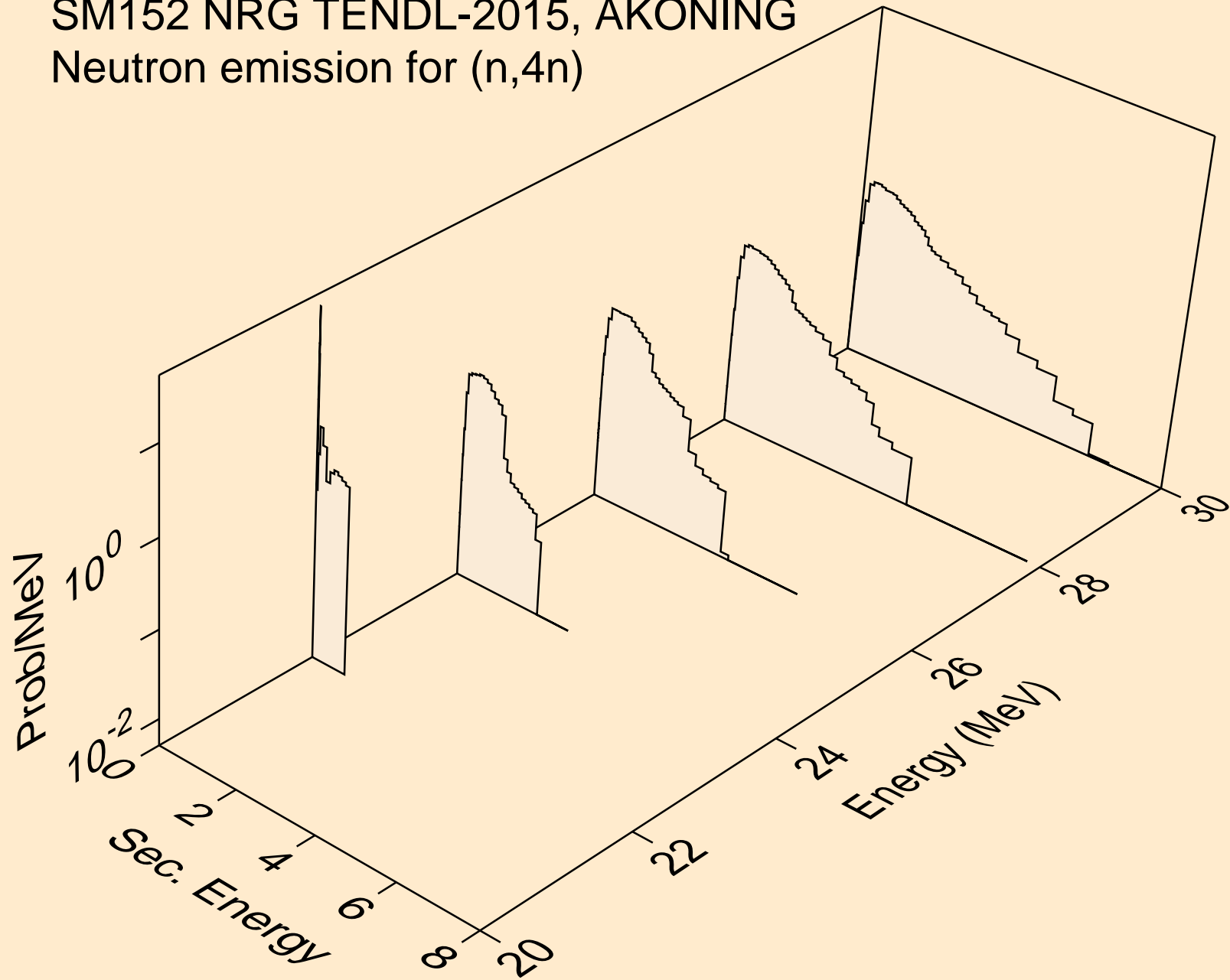
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



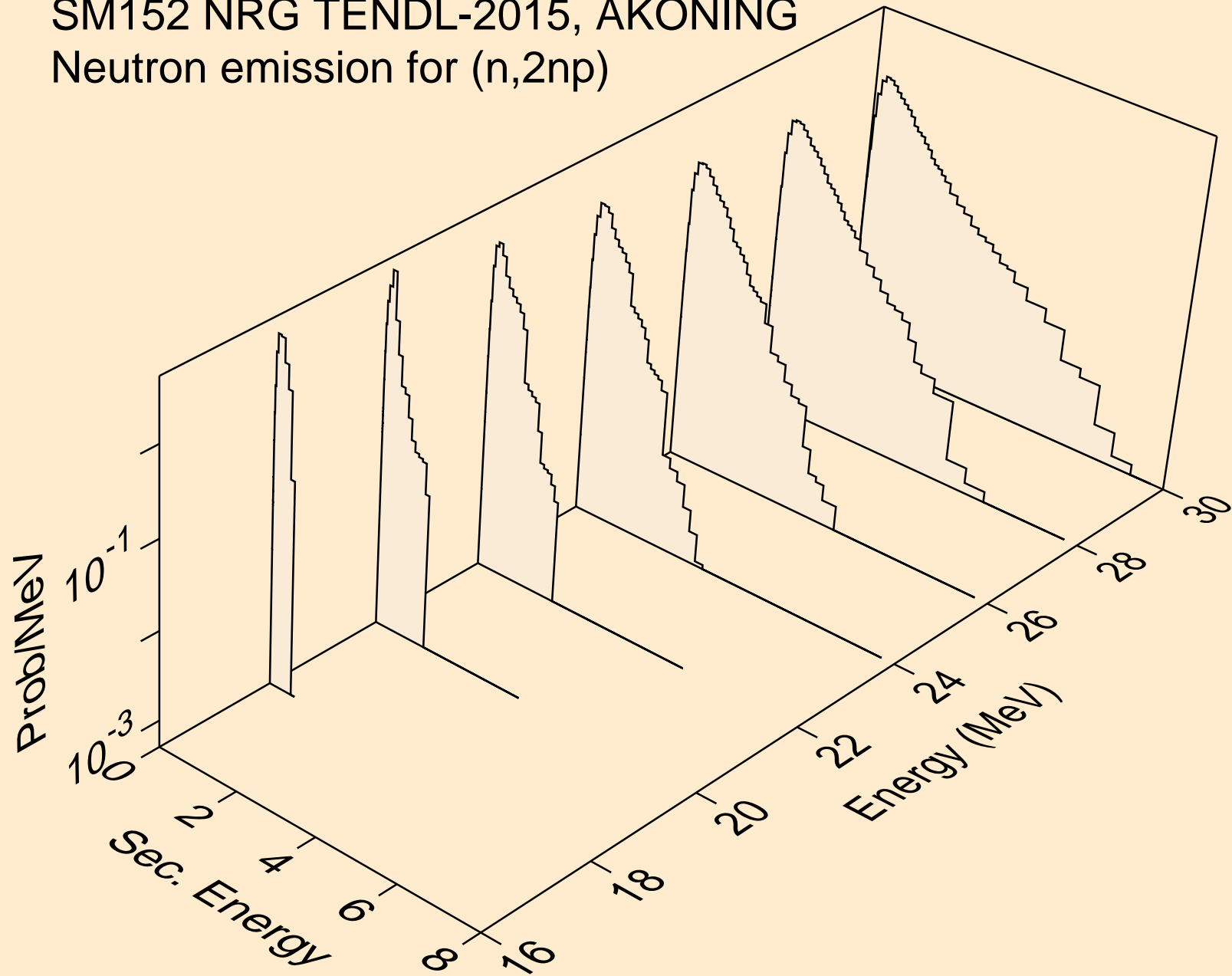
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



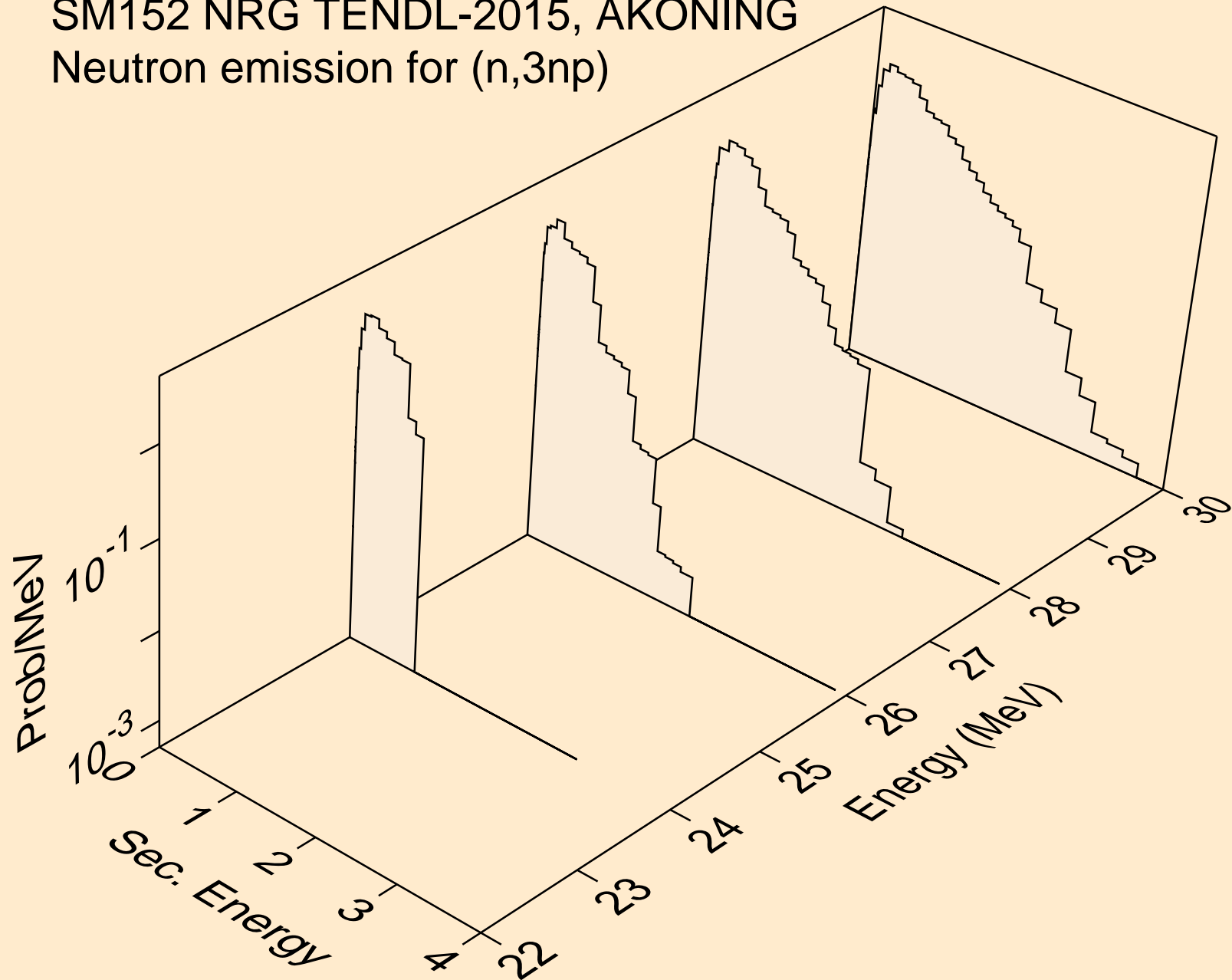
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



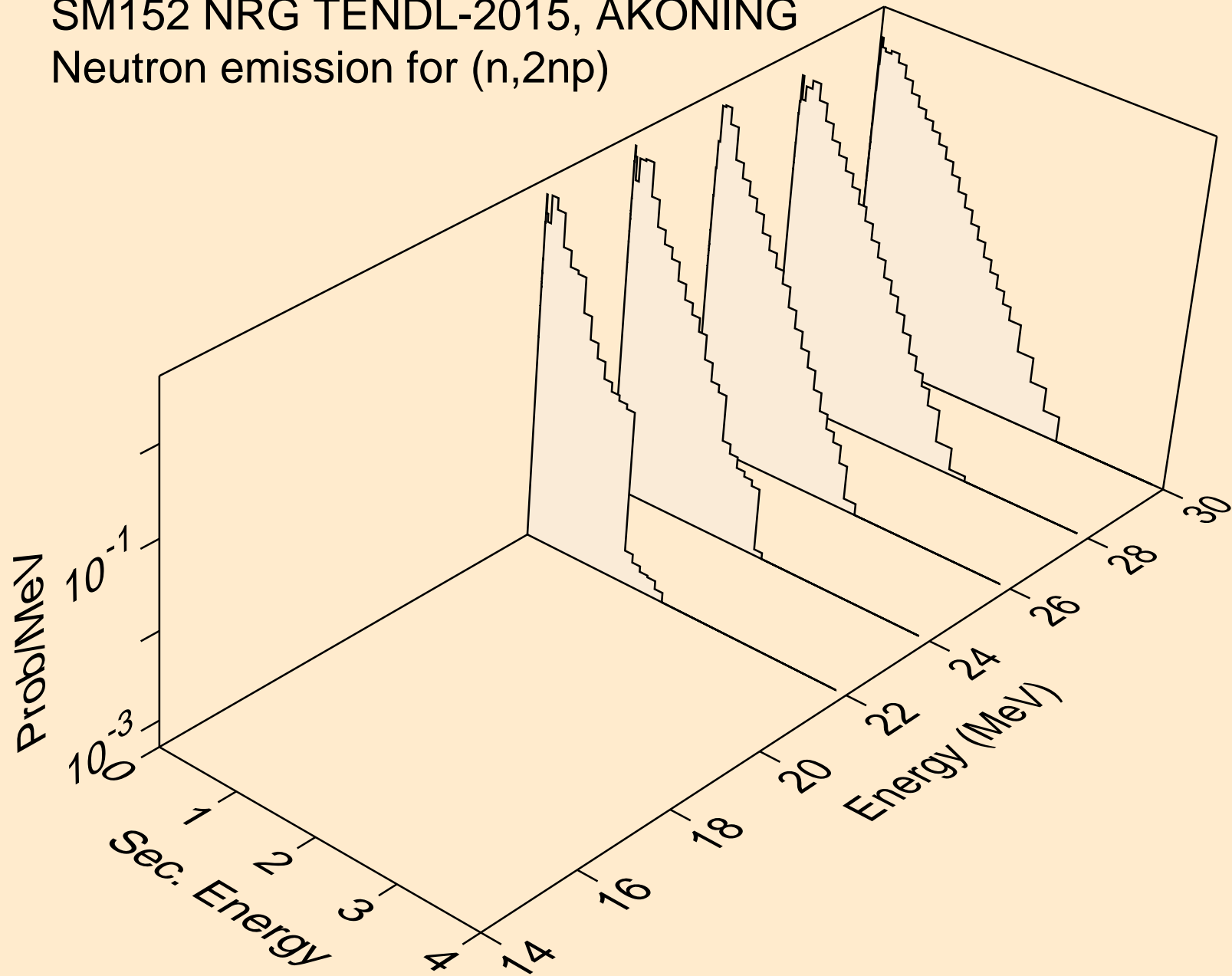
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

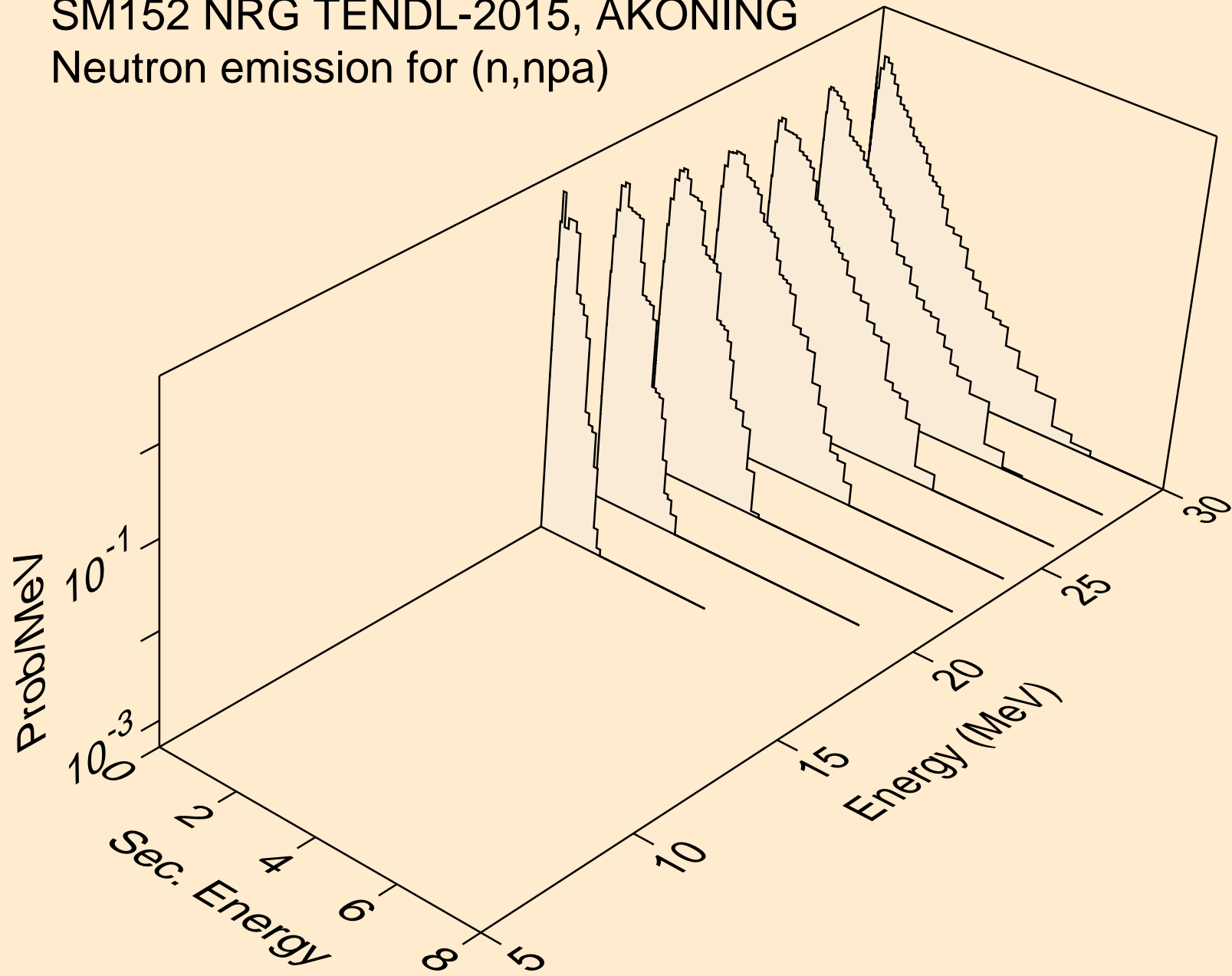


SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

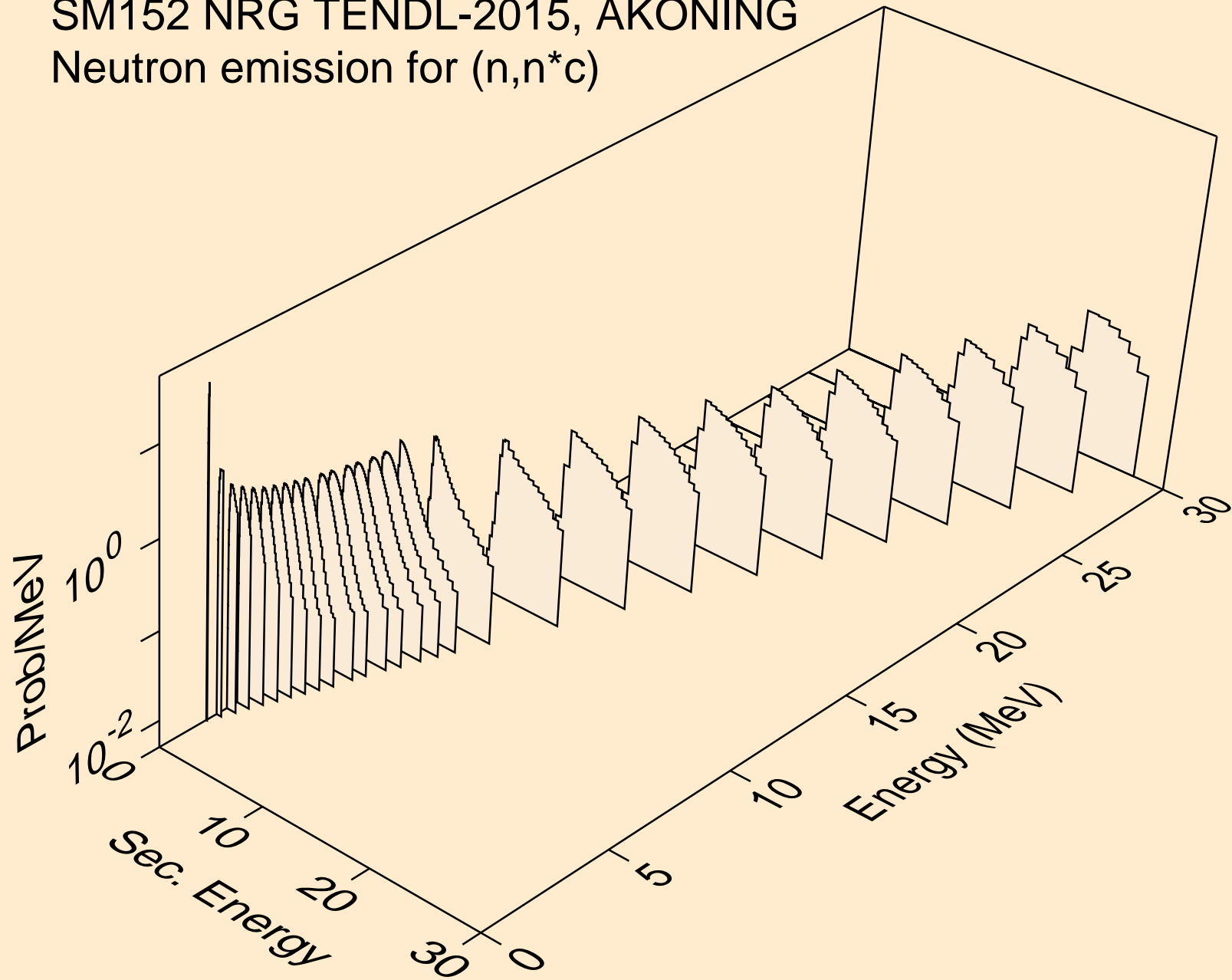




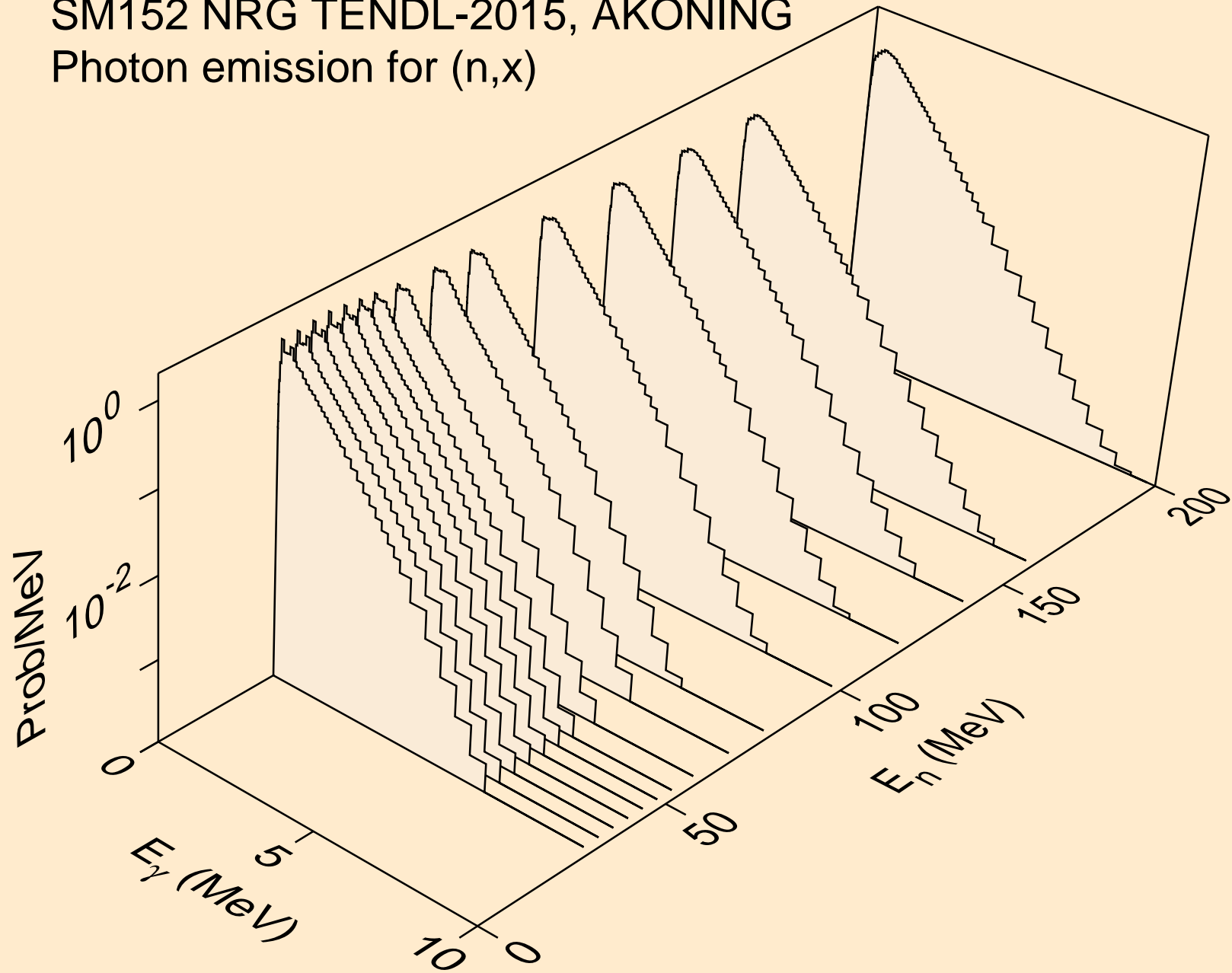
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



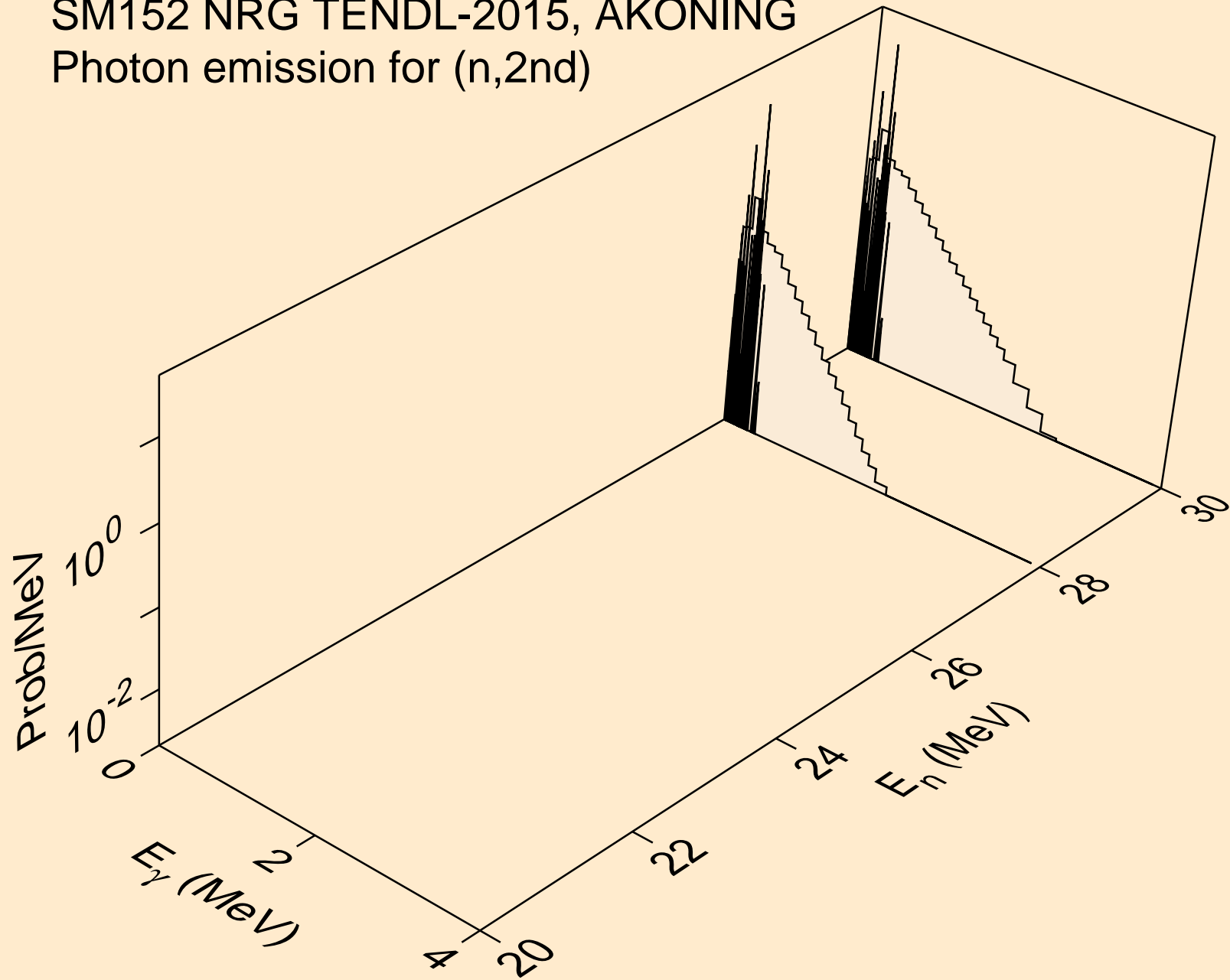
SM152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



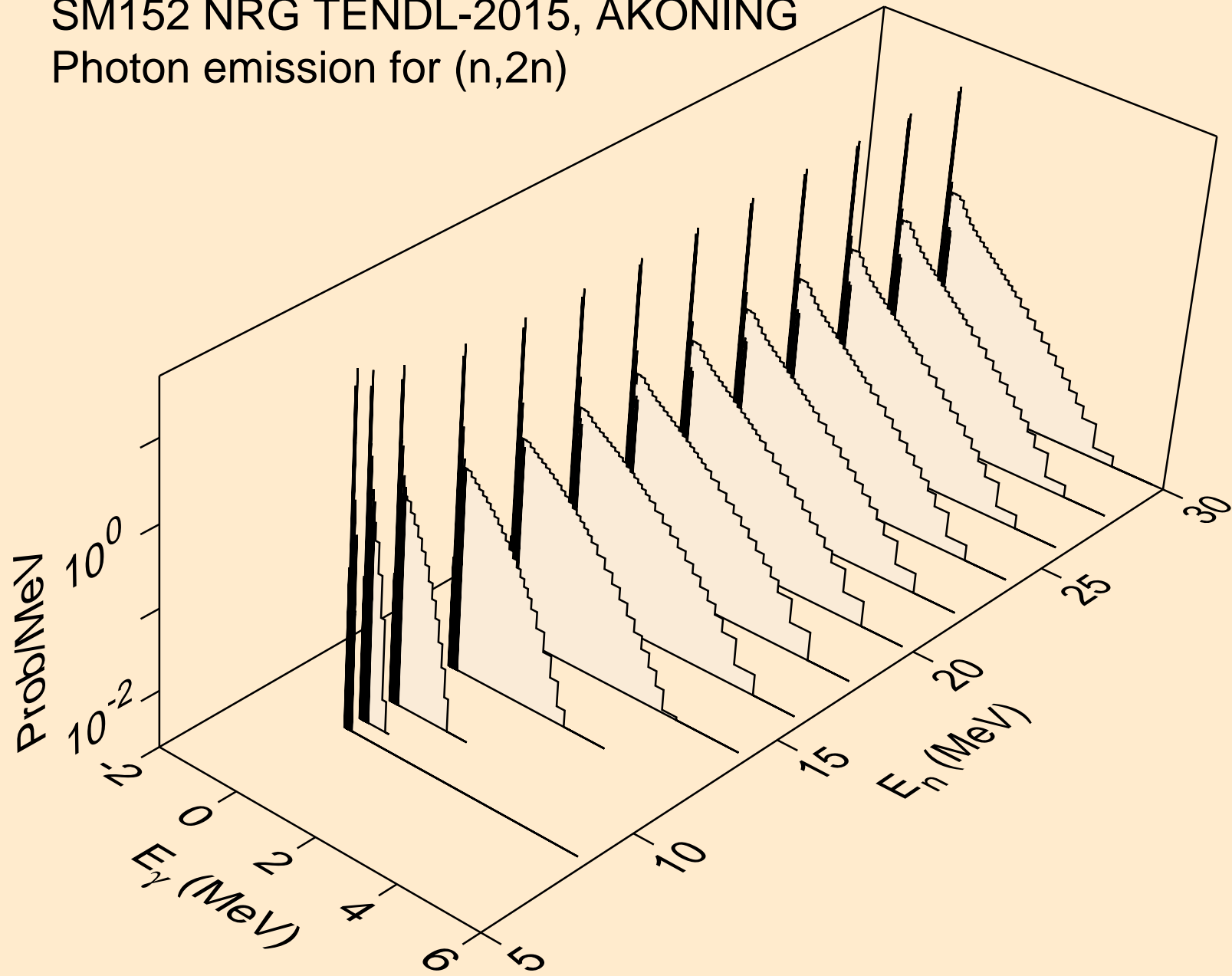
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



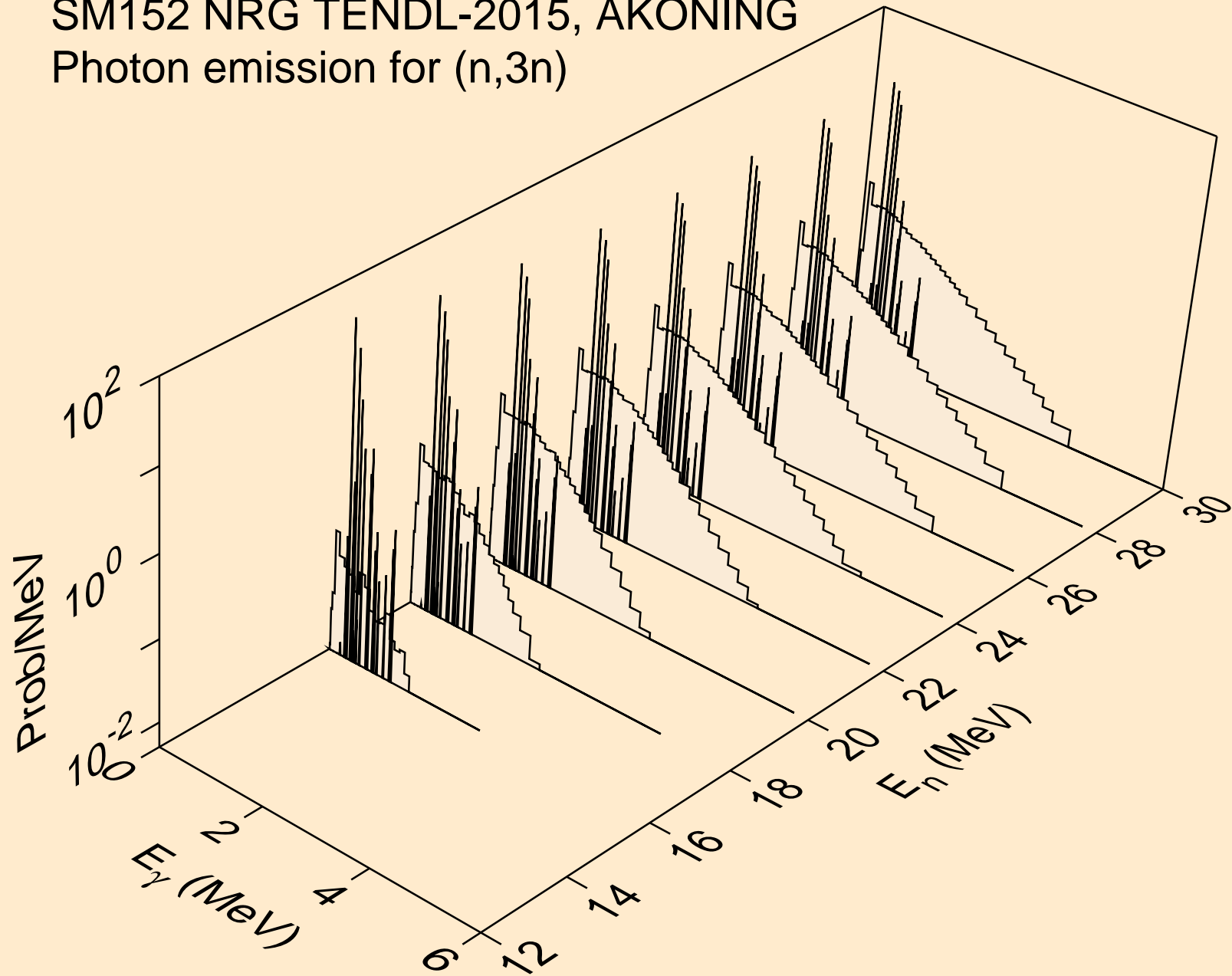
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



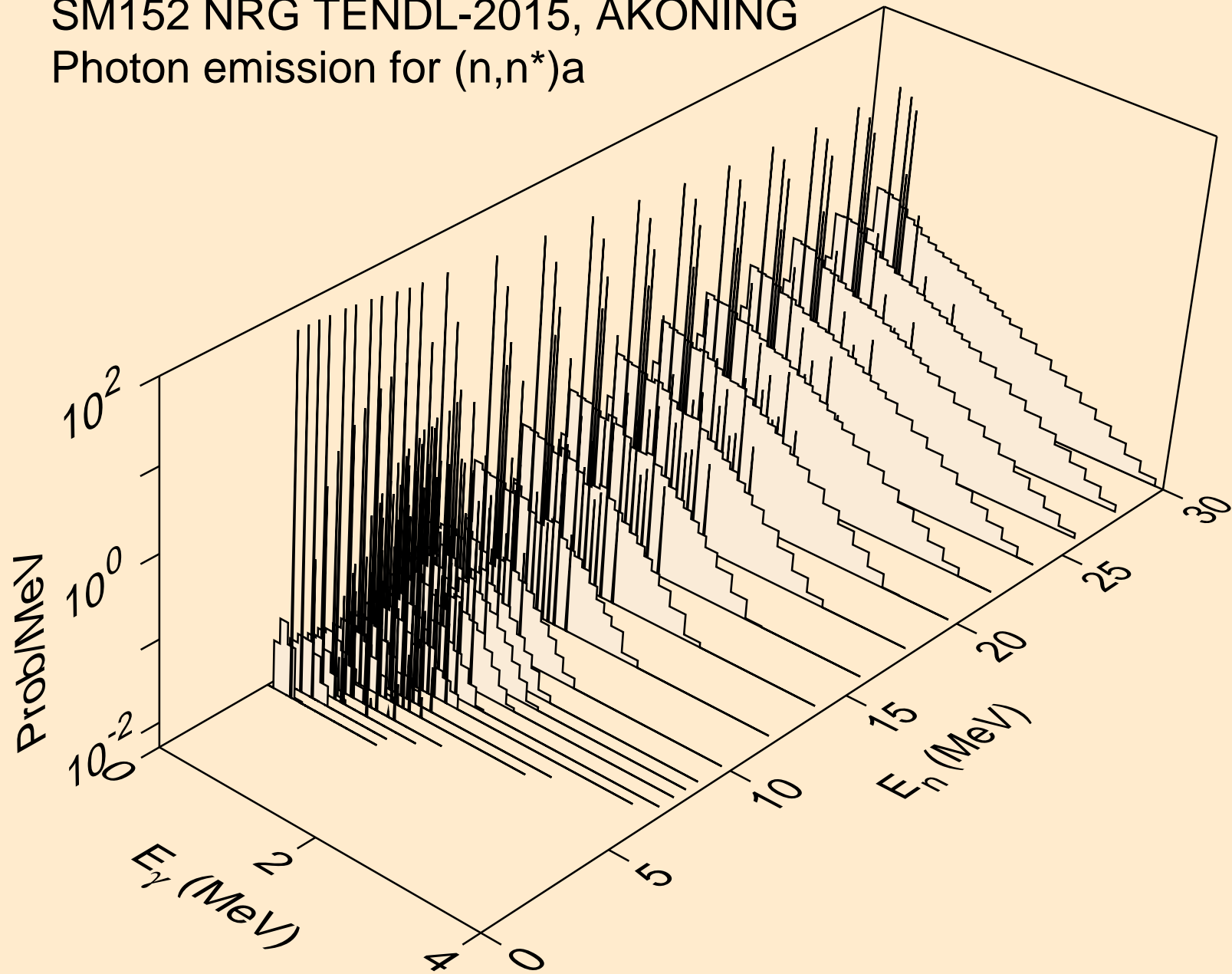
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



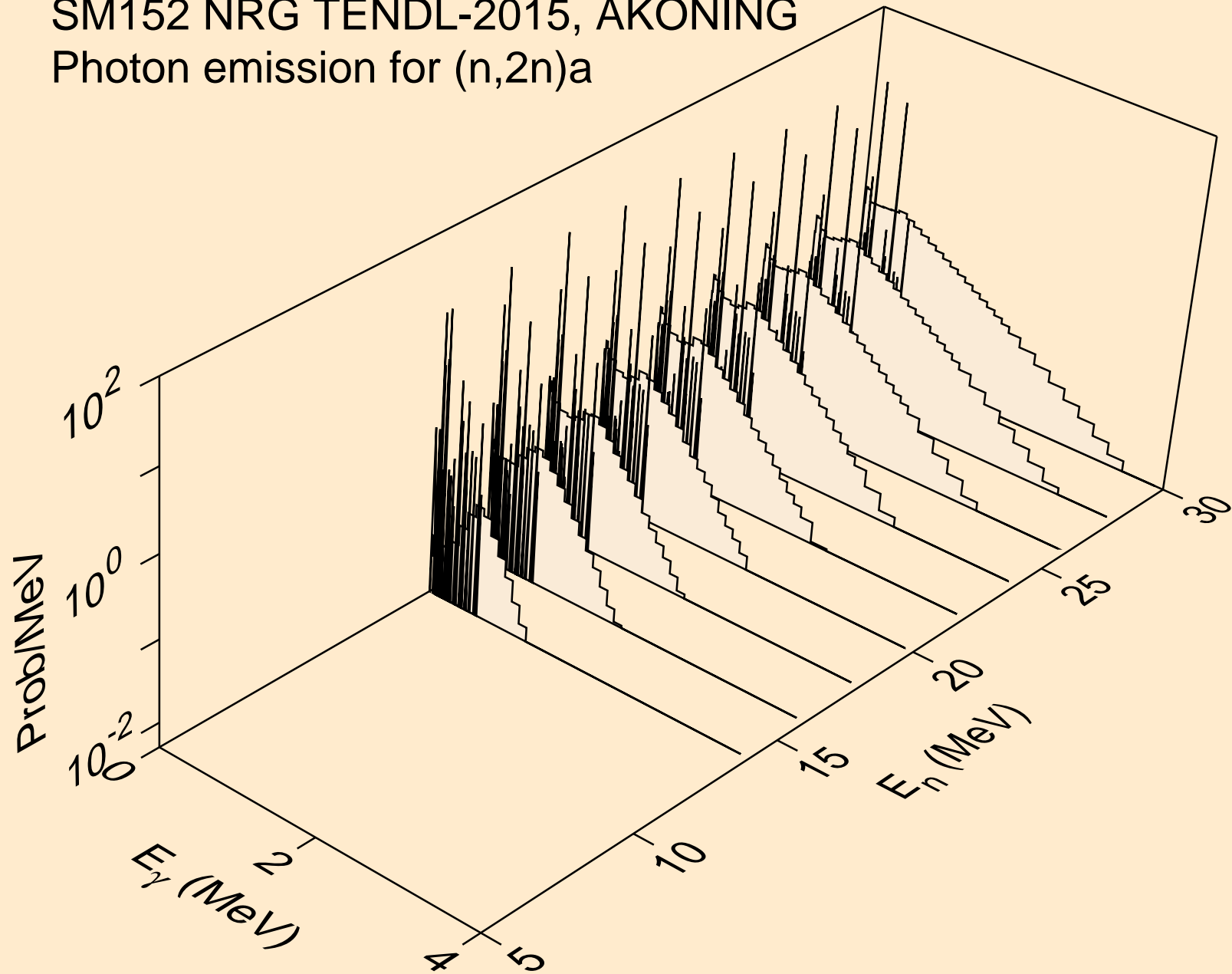
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

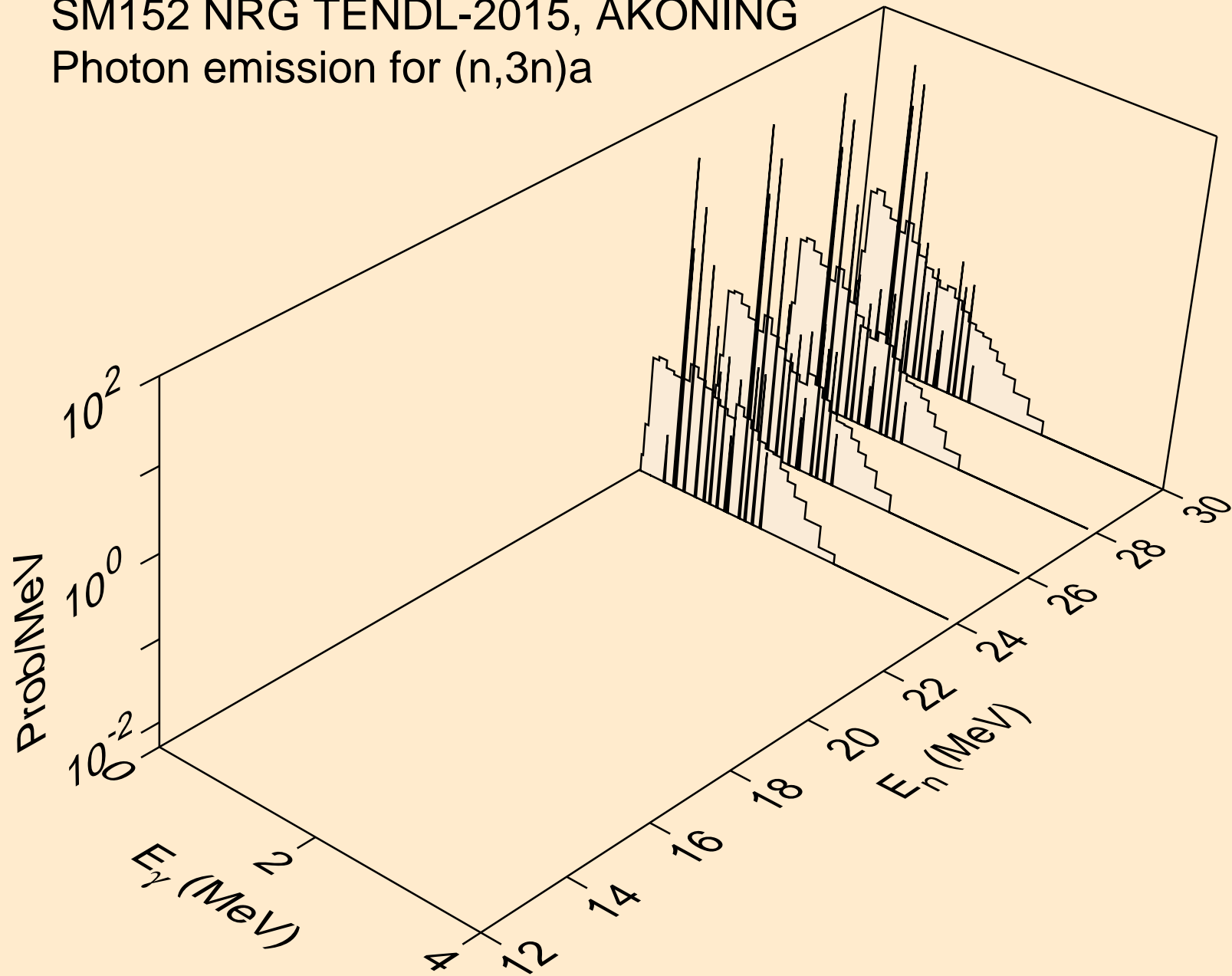


SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

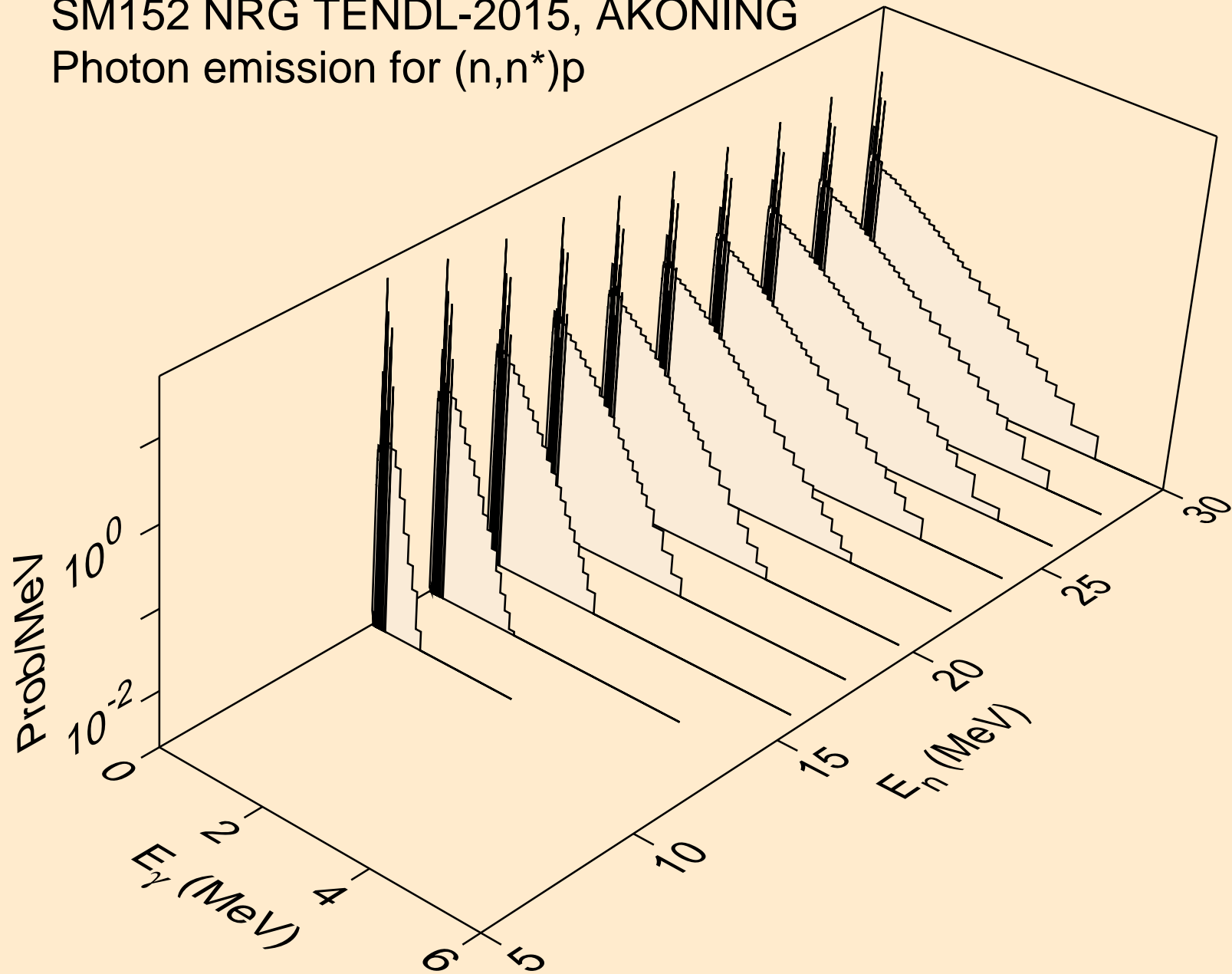




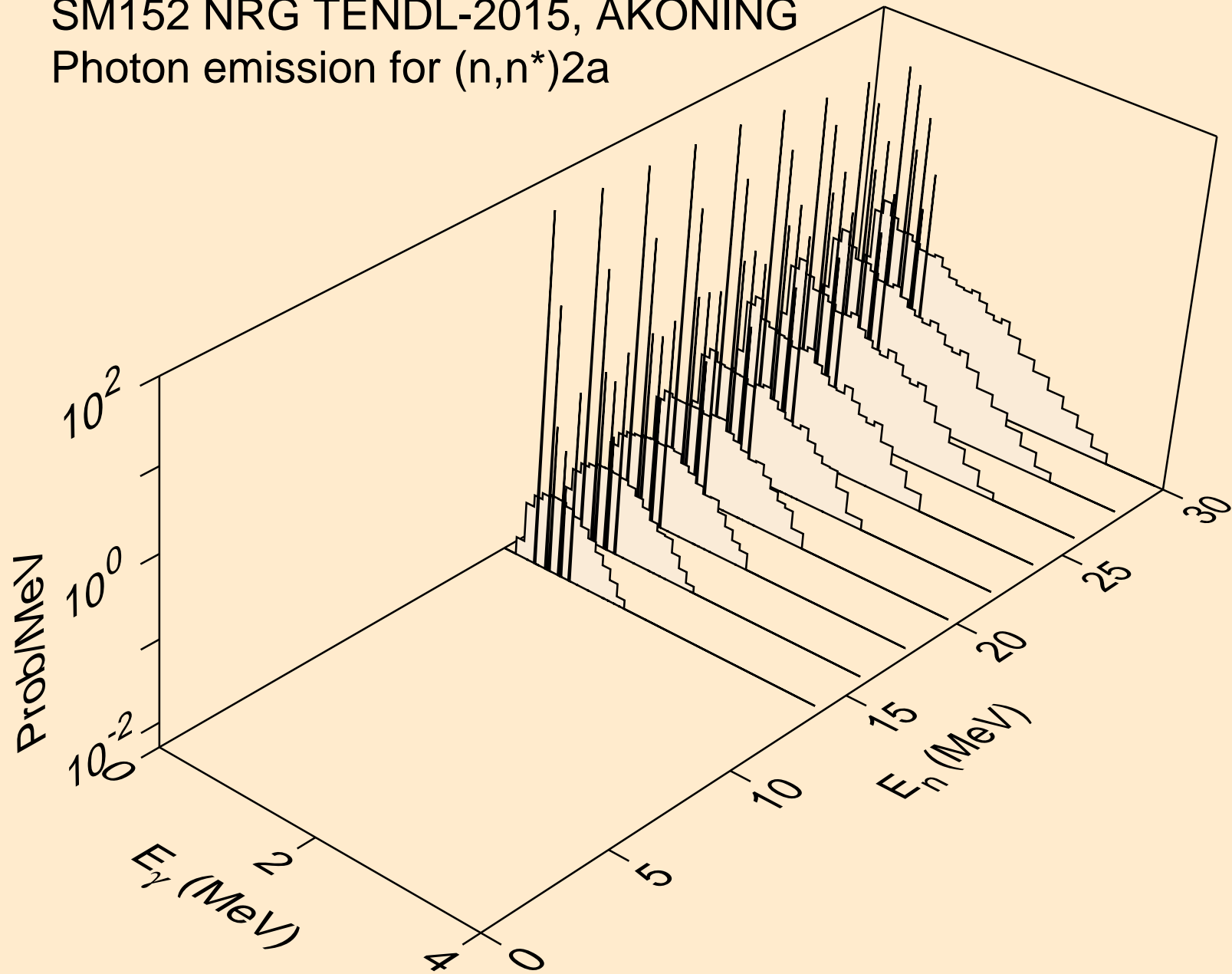
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



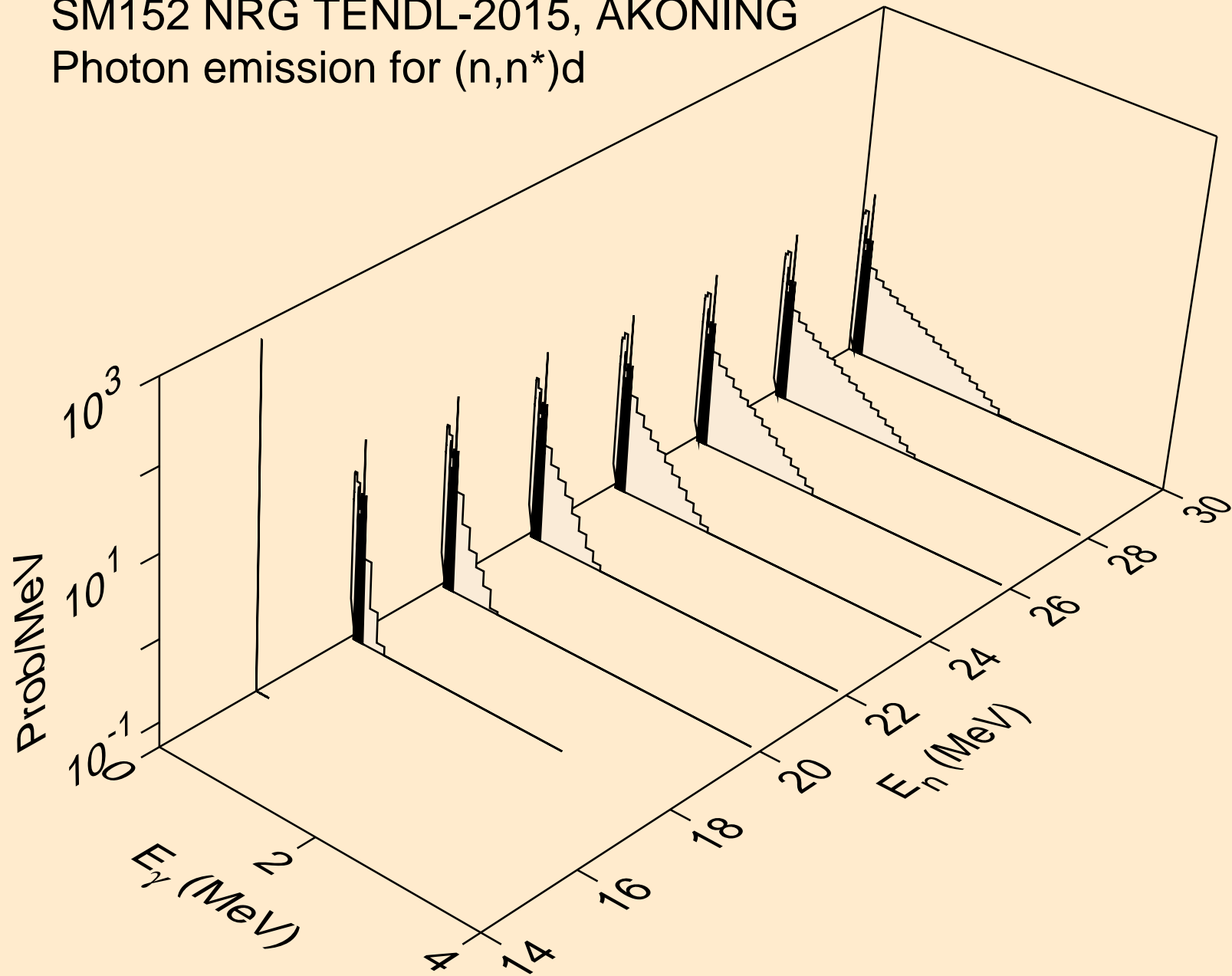
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



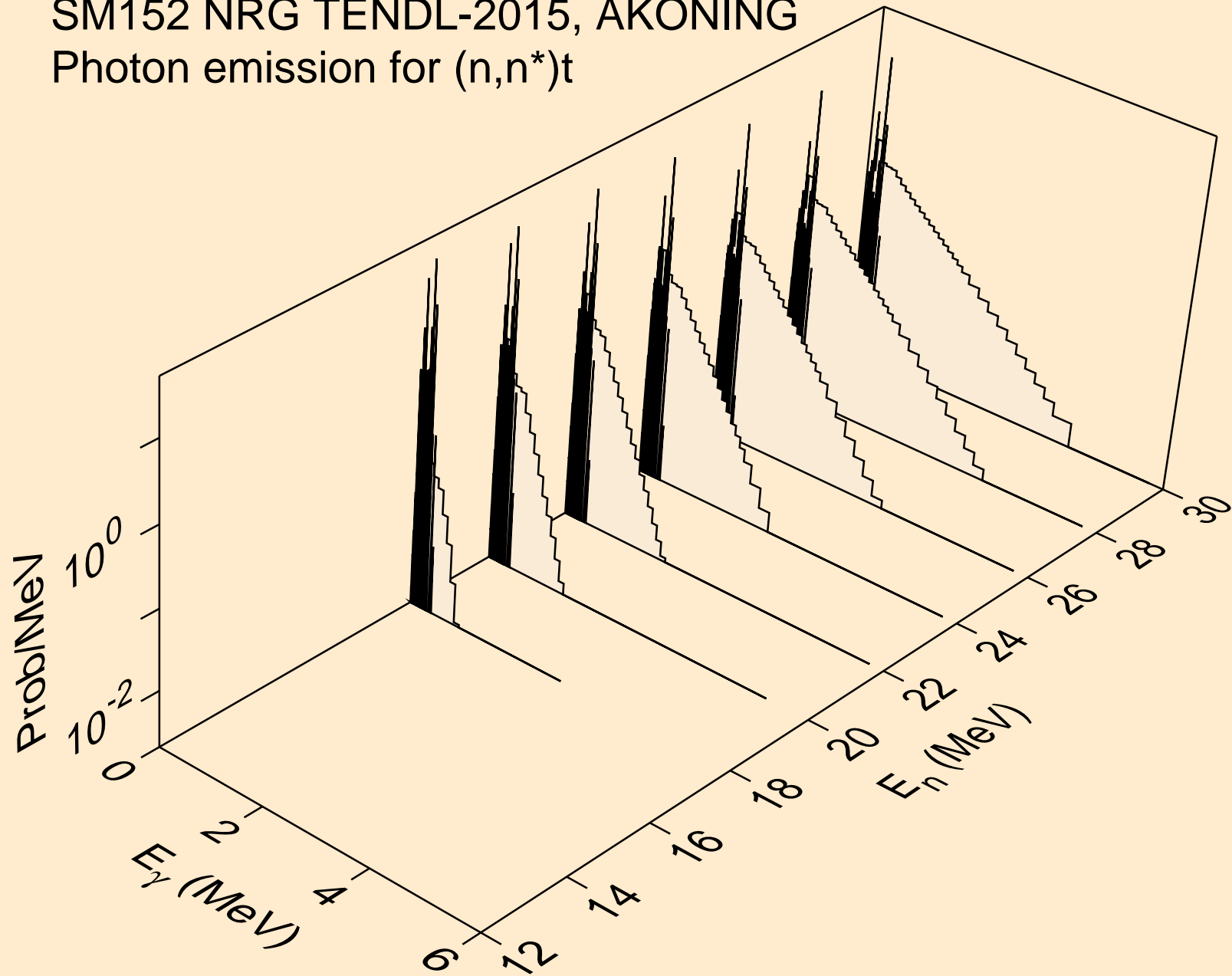
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



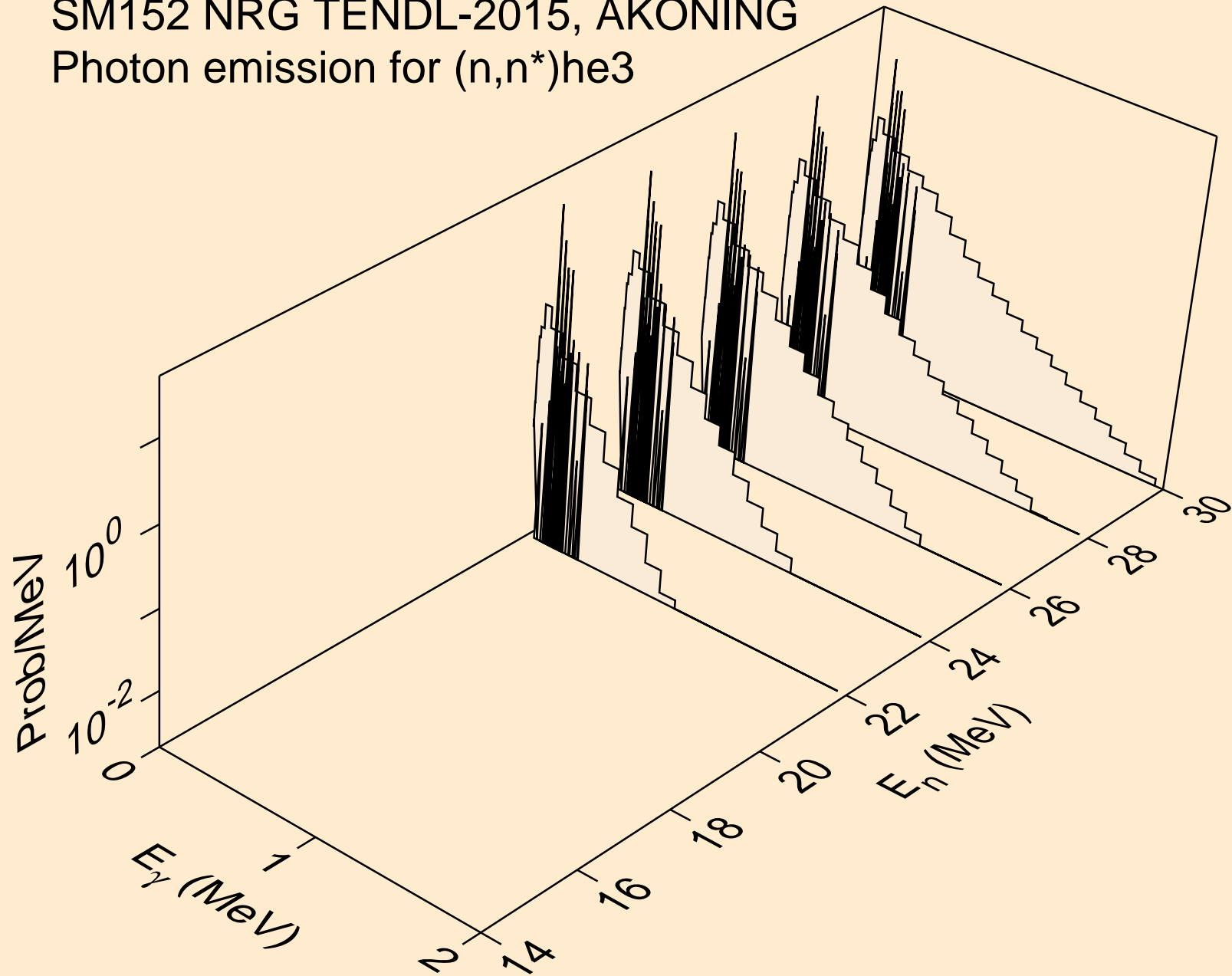
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



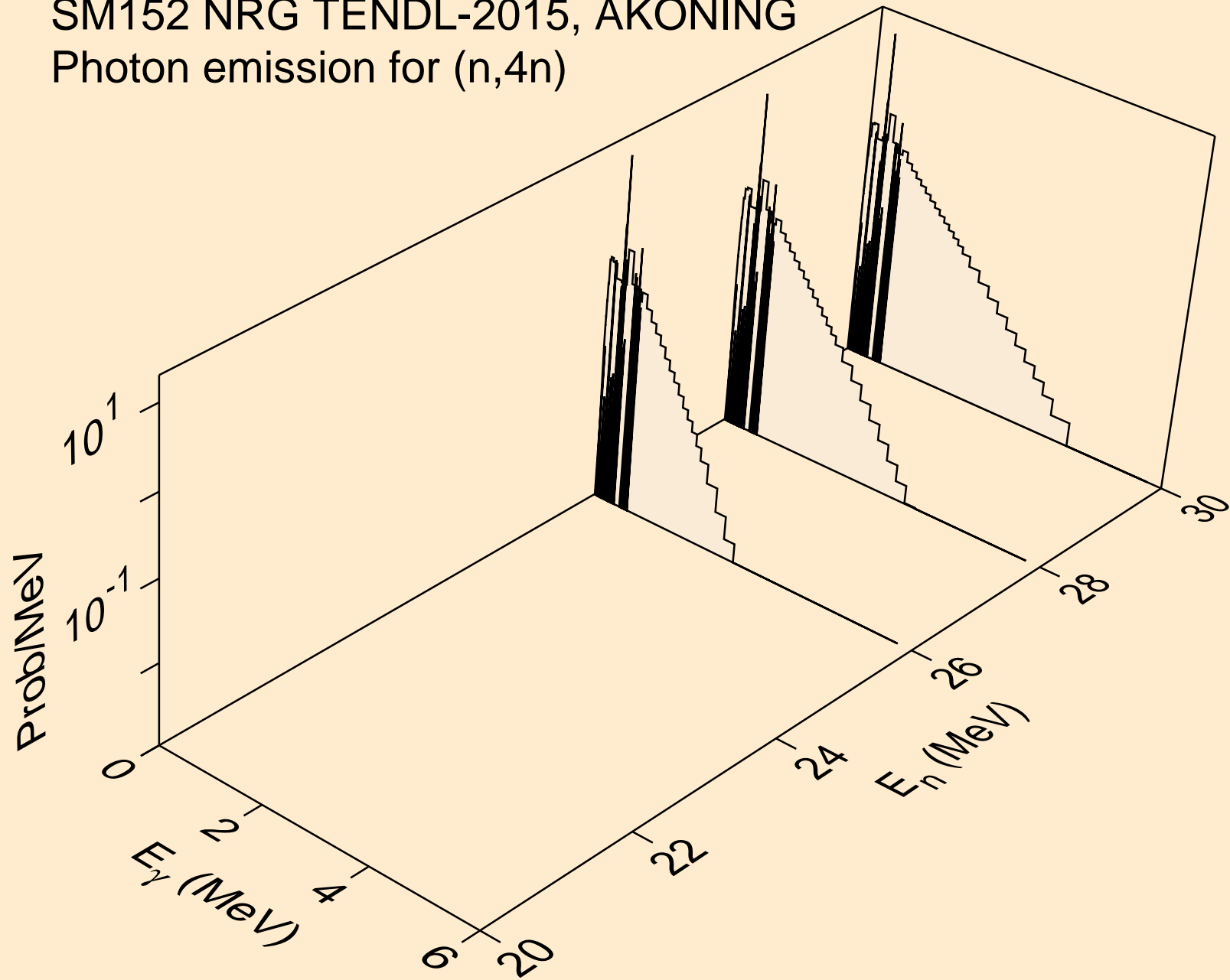
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



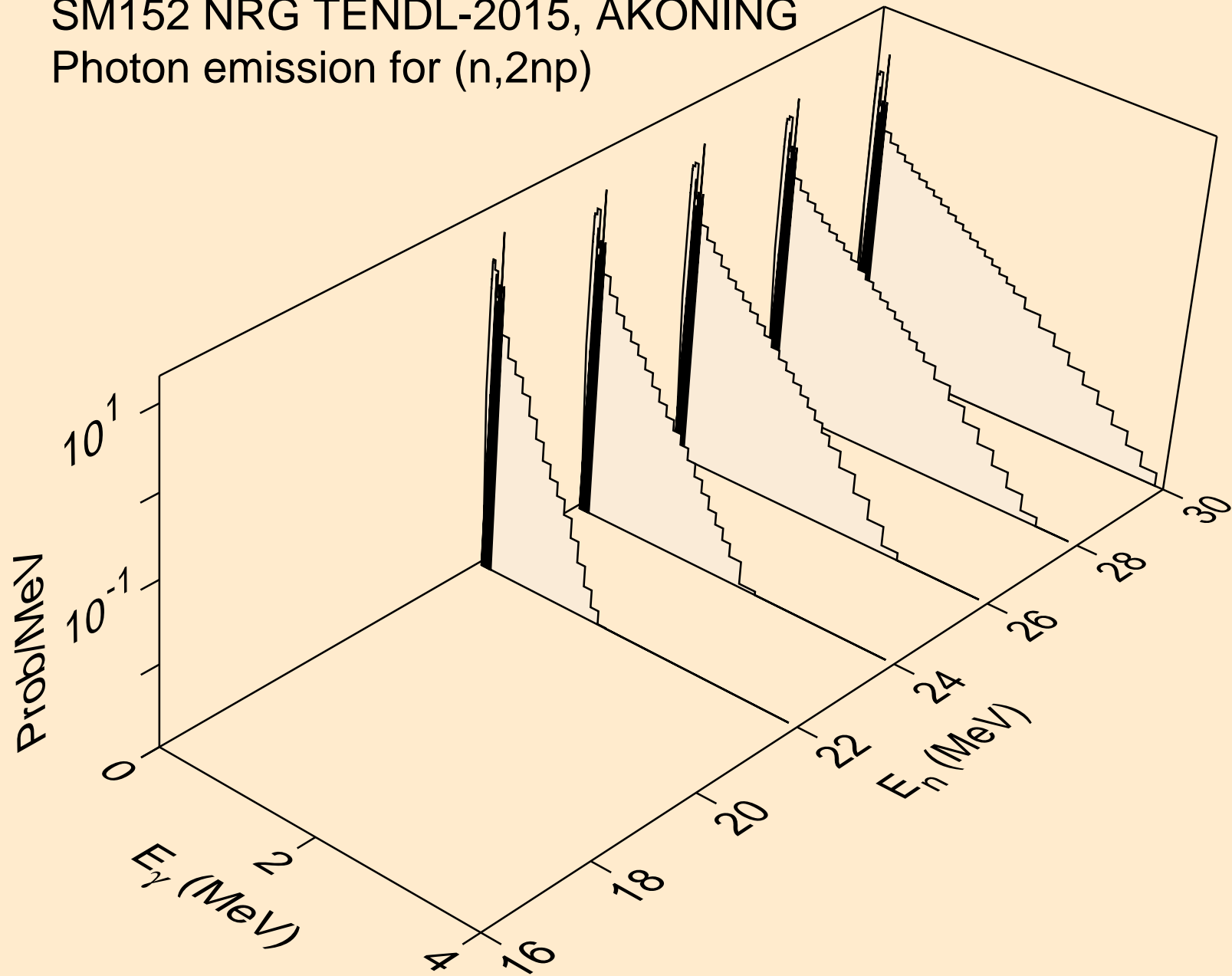
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

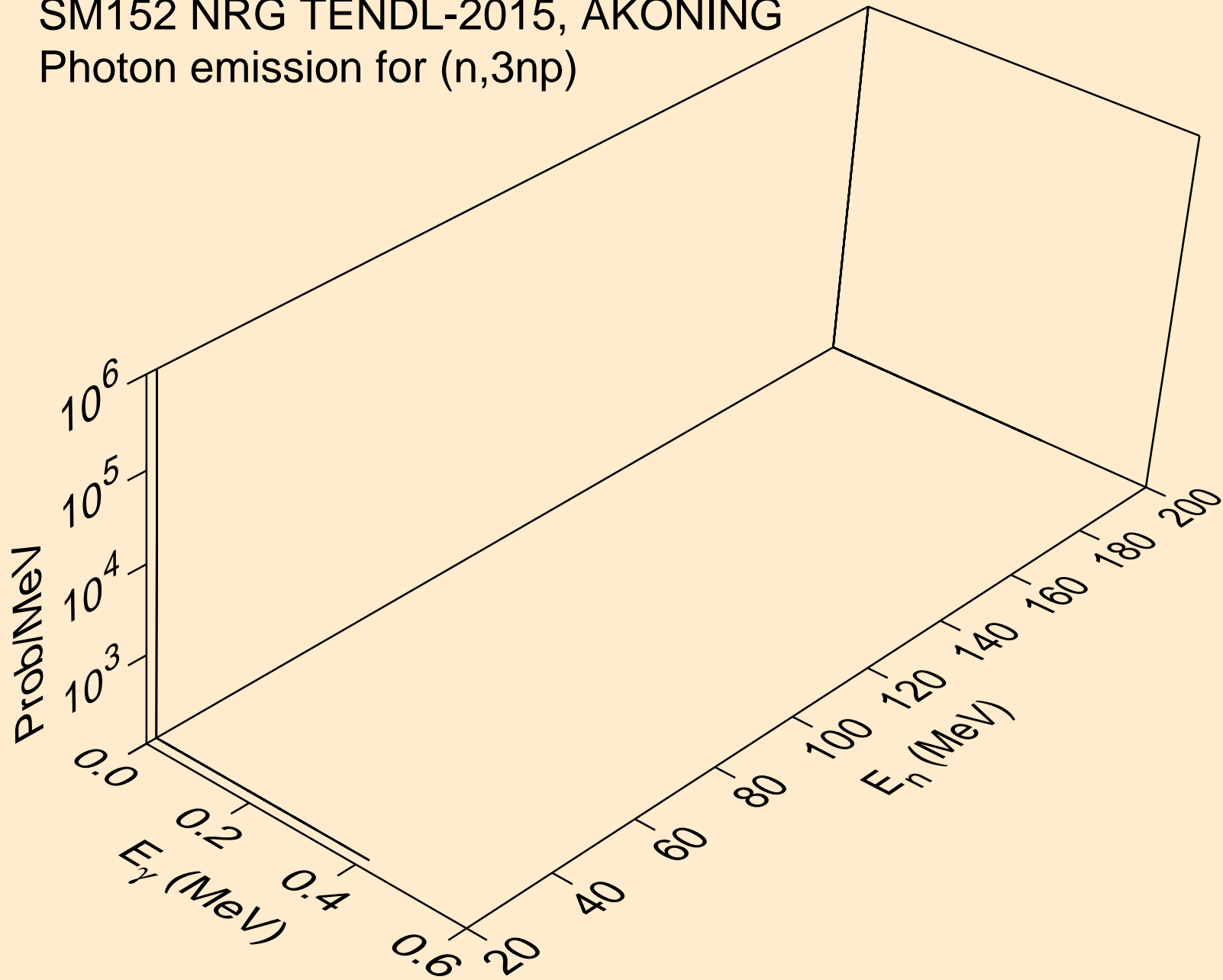


SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

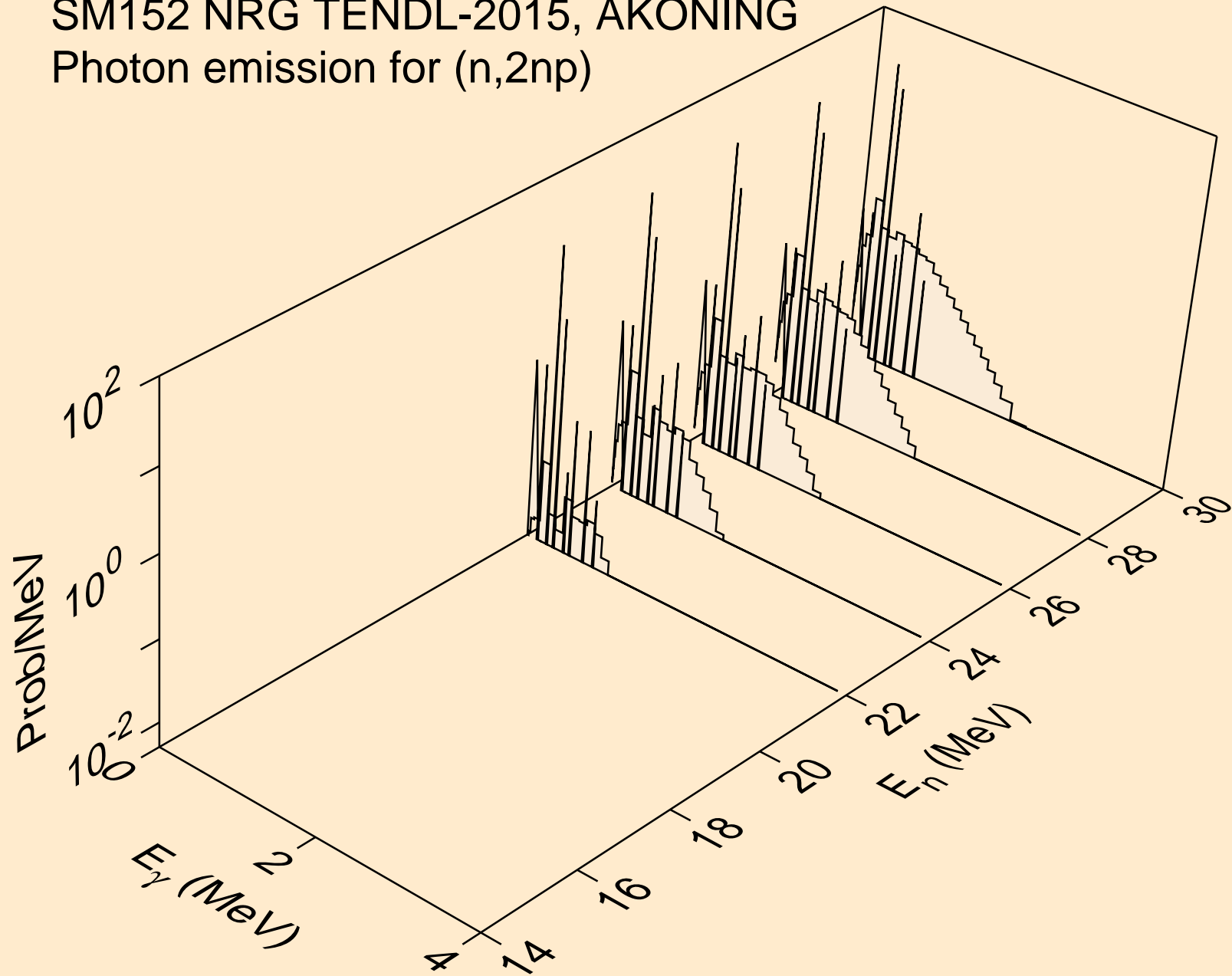




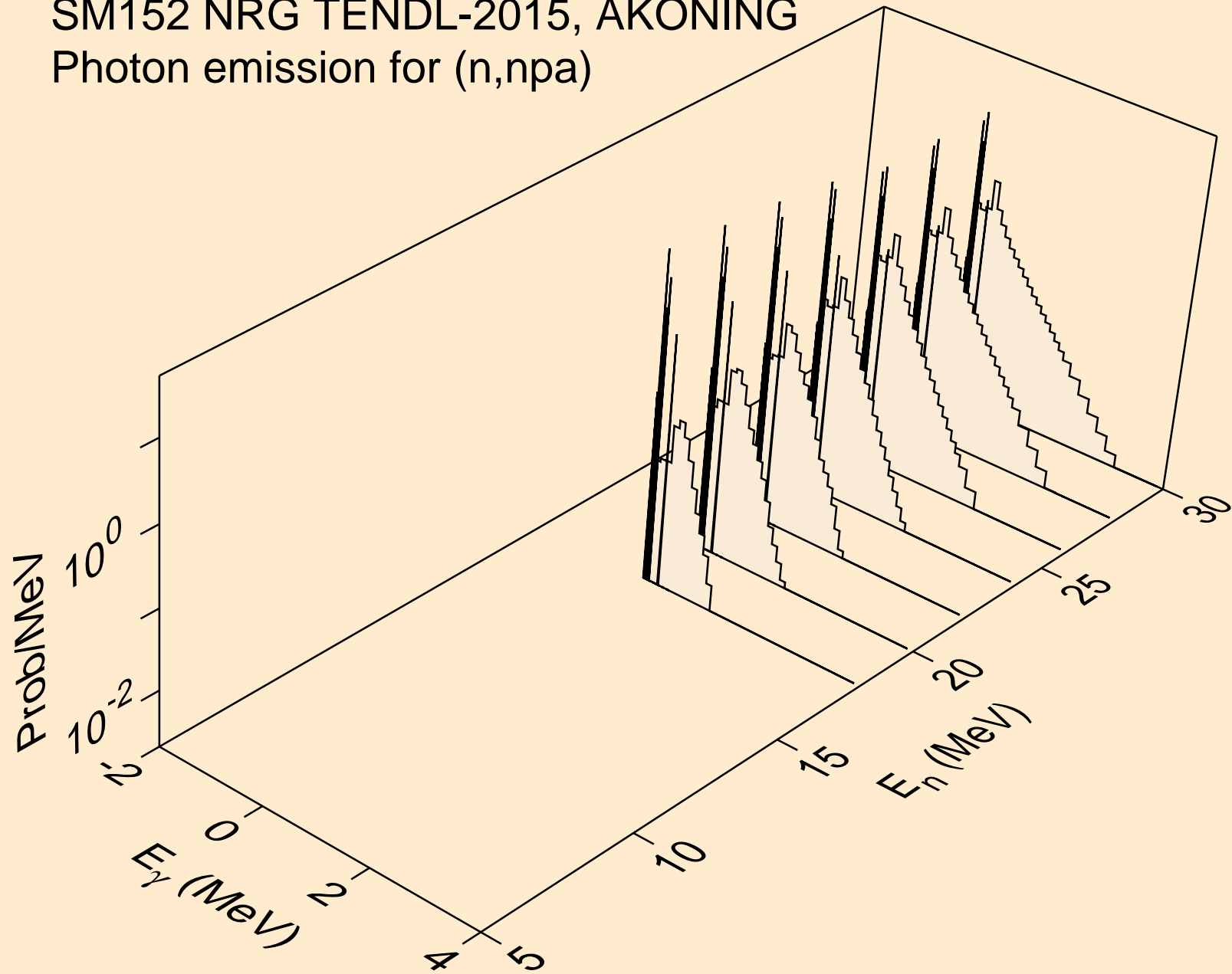
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



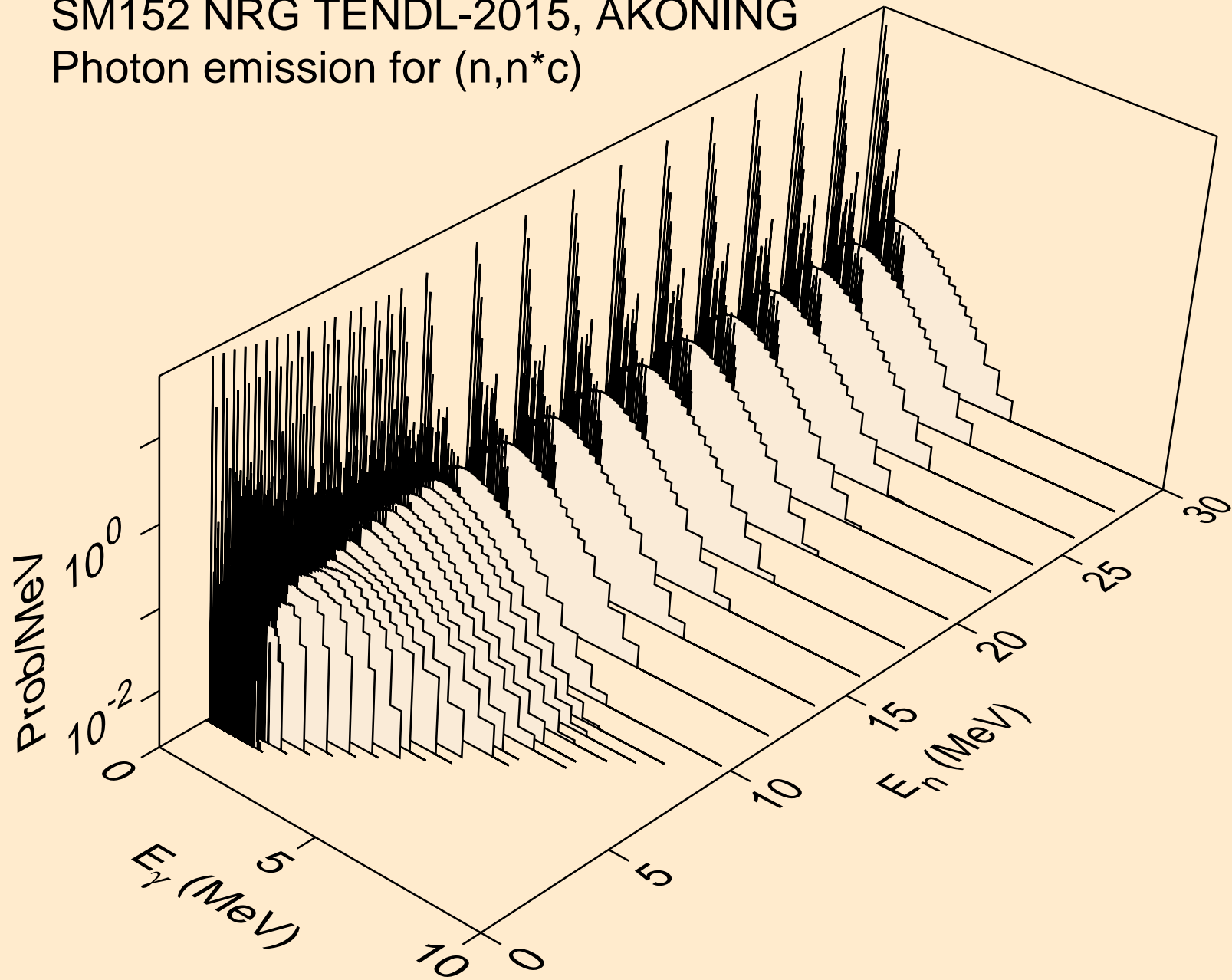
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



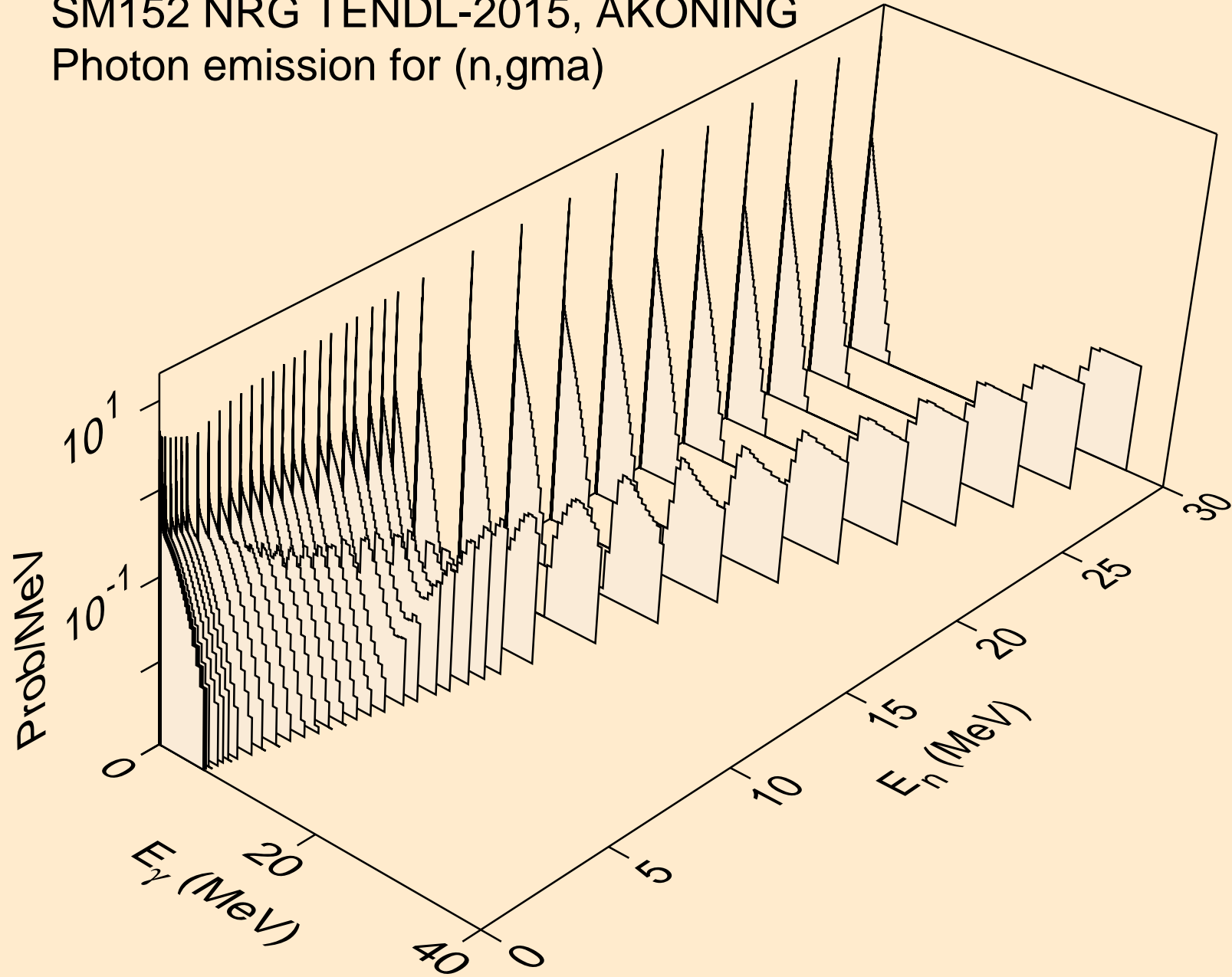
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



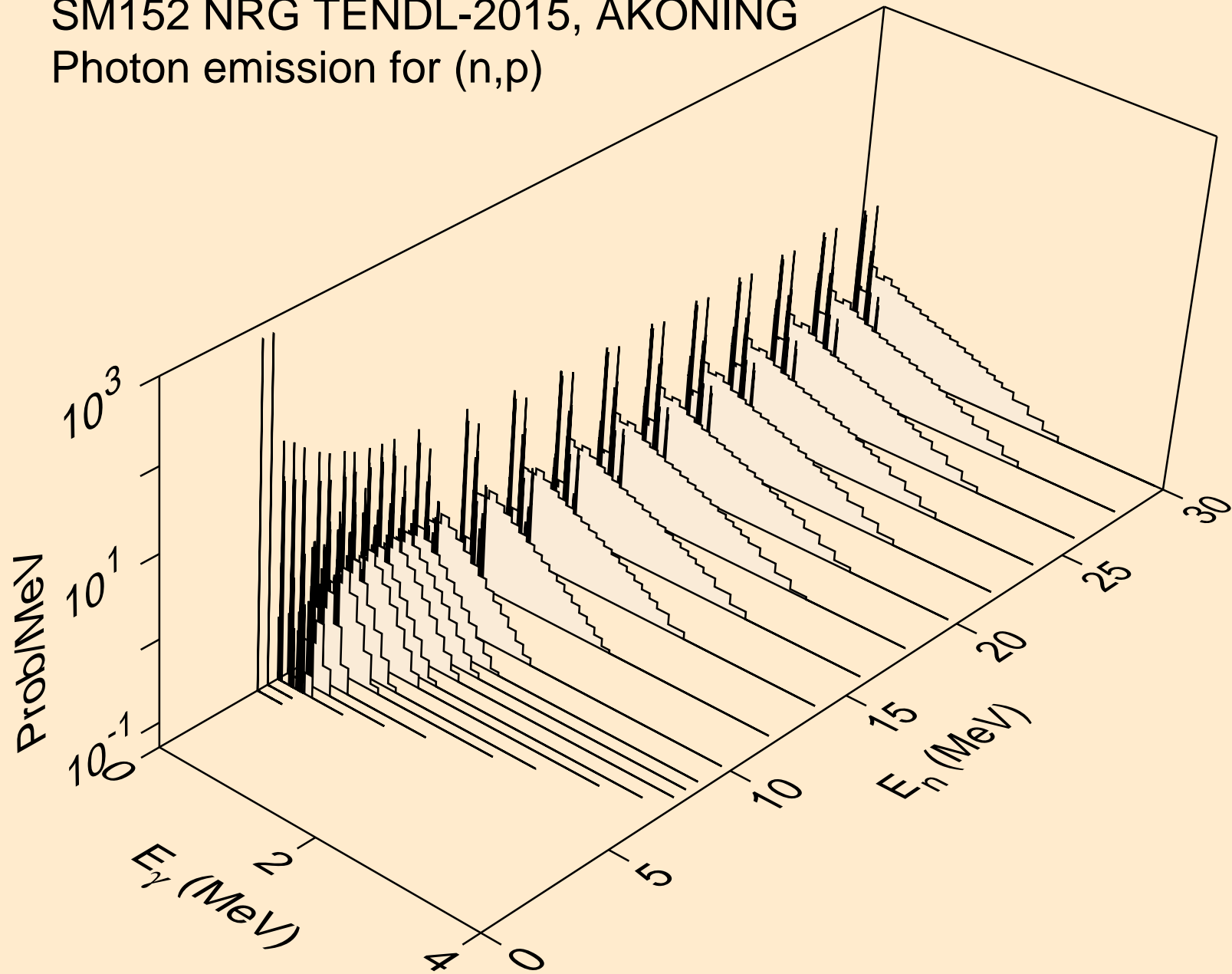
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



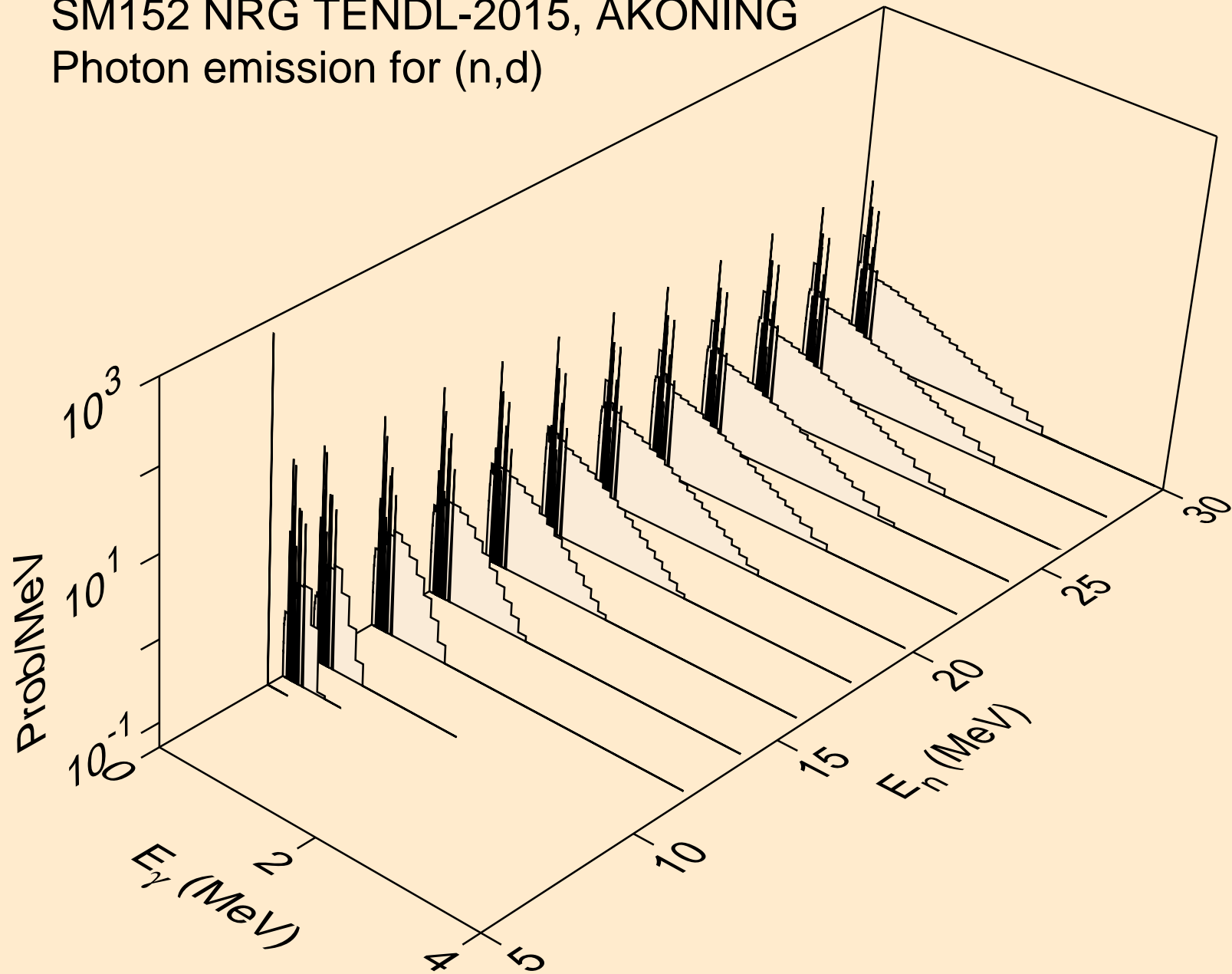
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



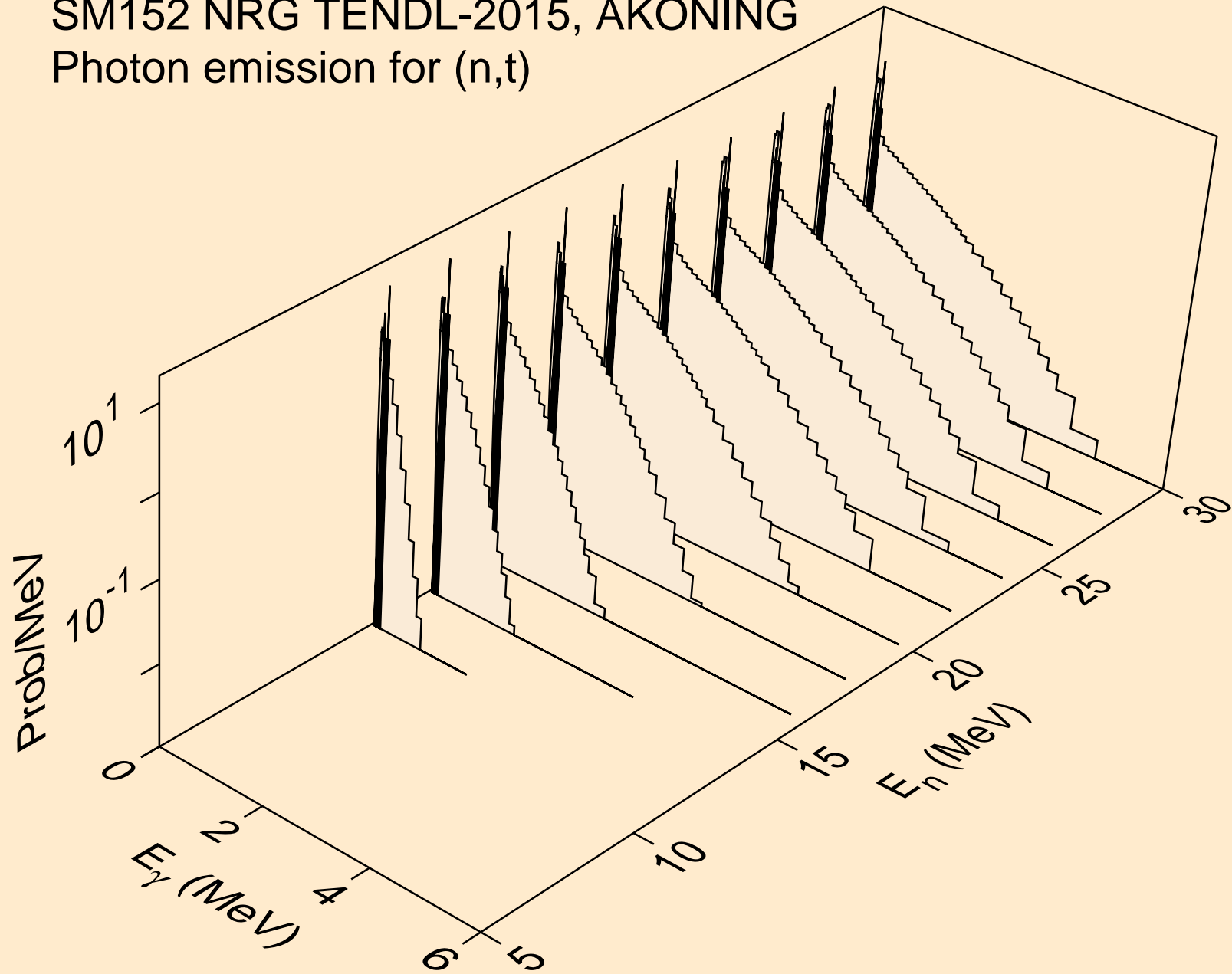
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

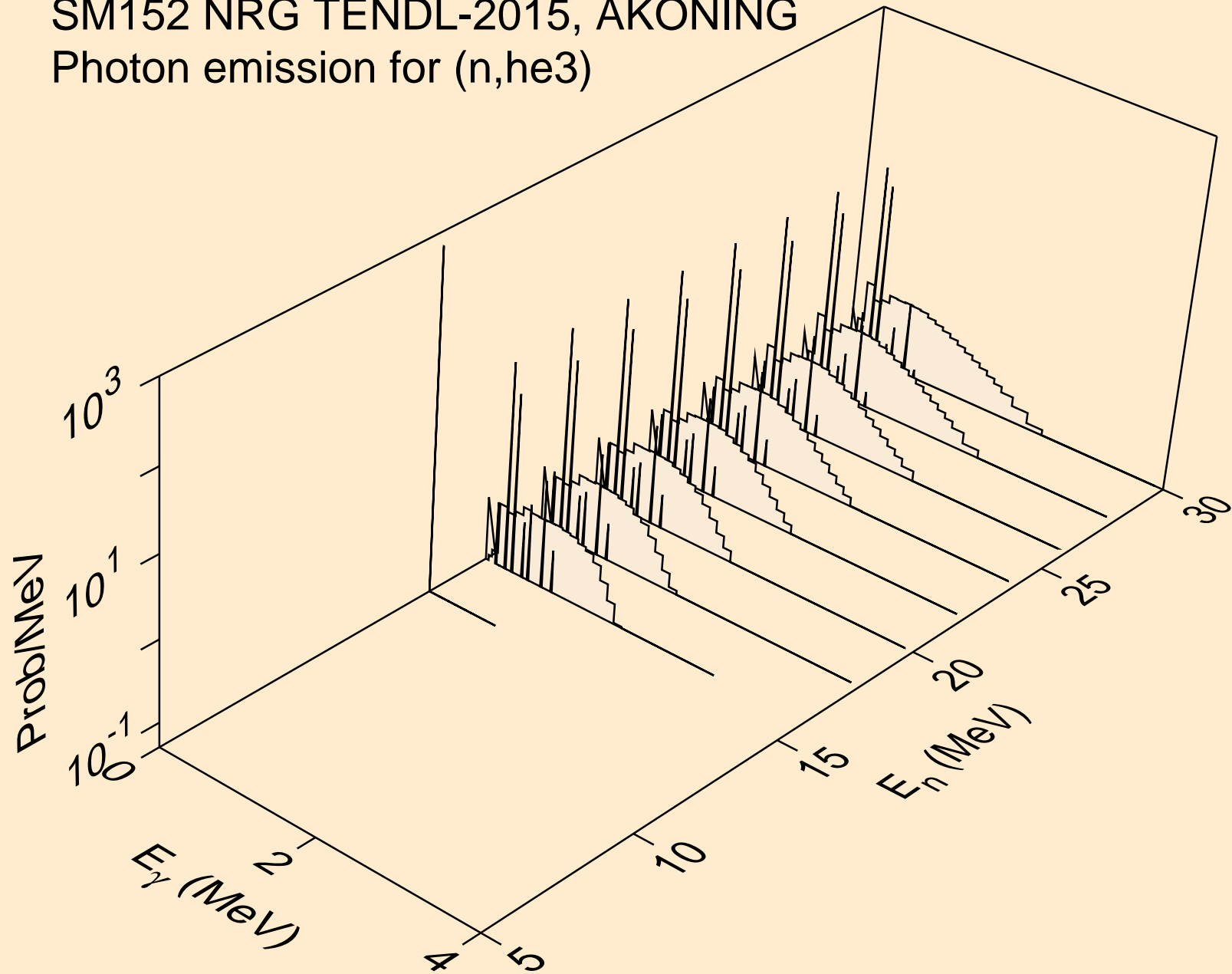


SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

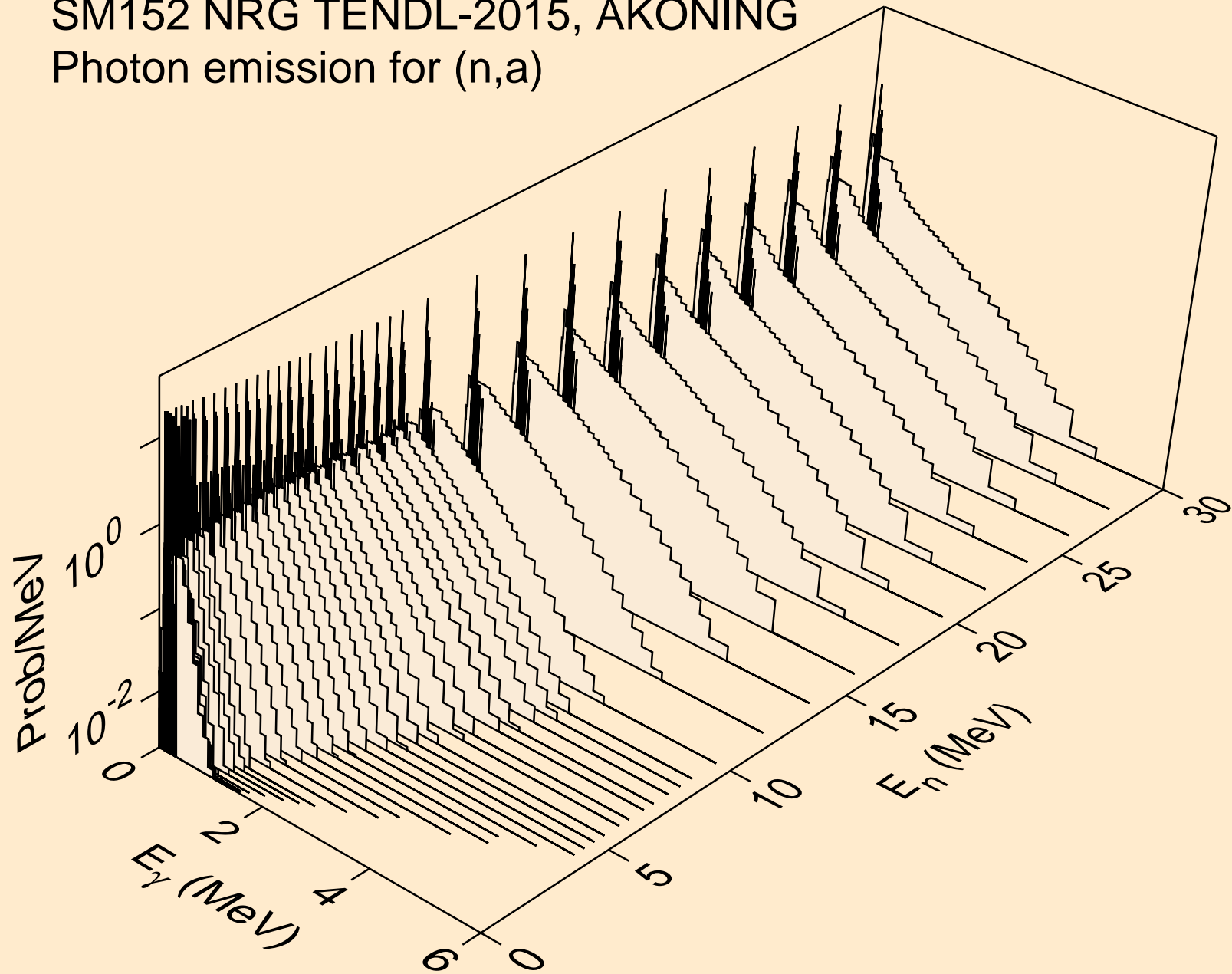




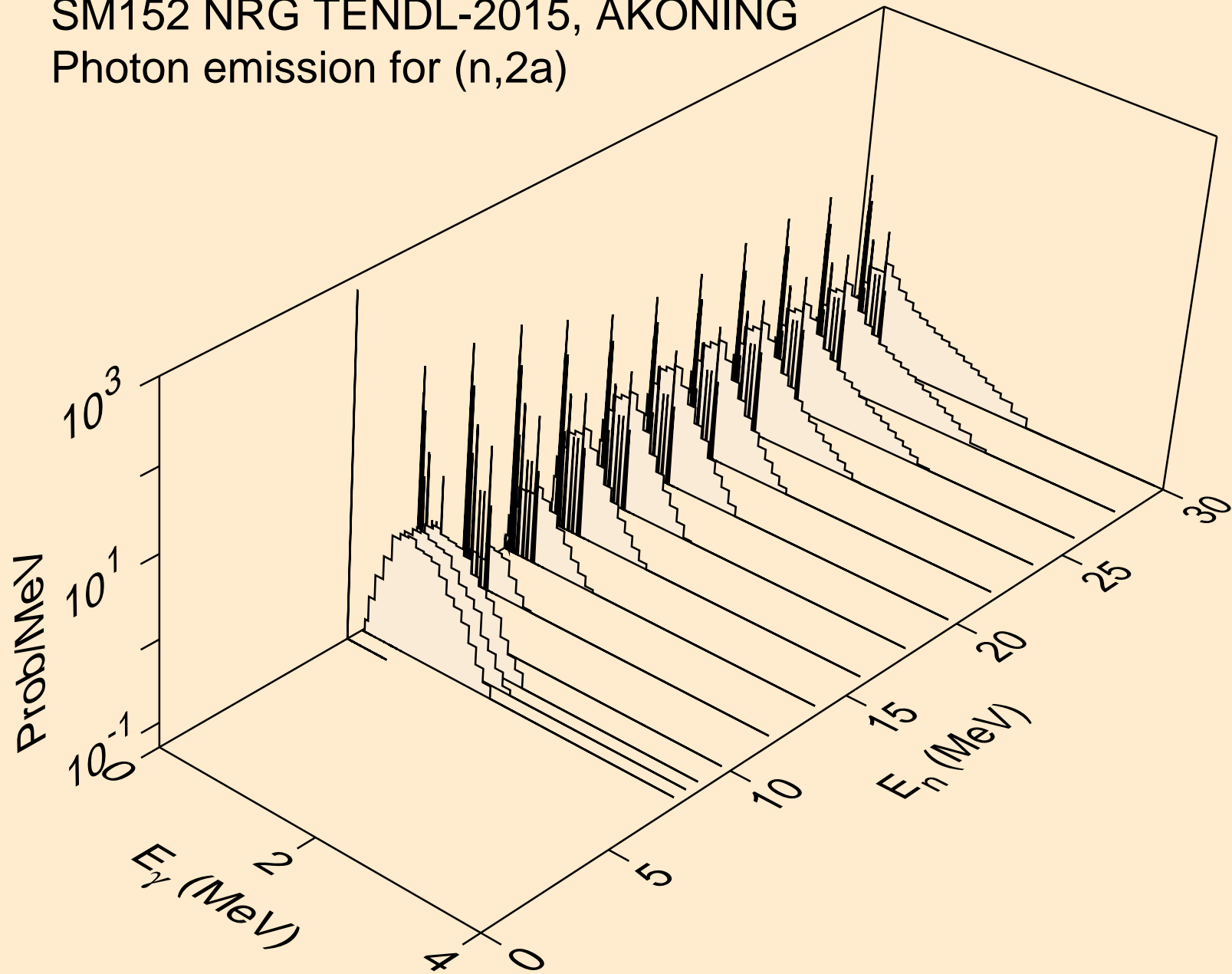
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



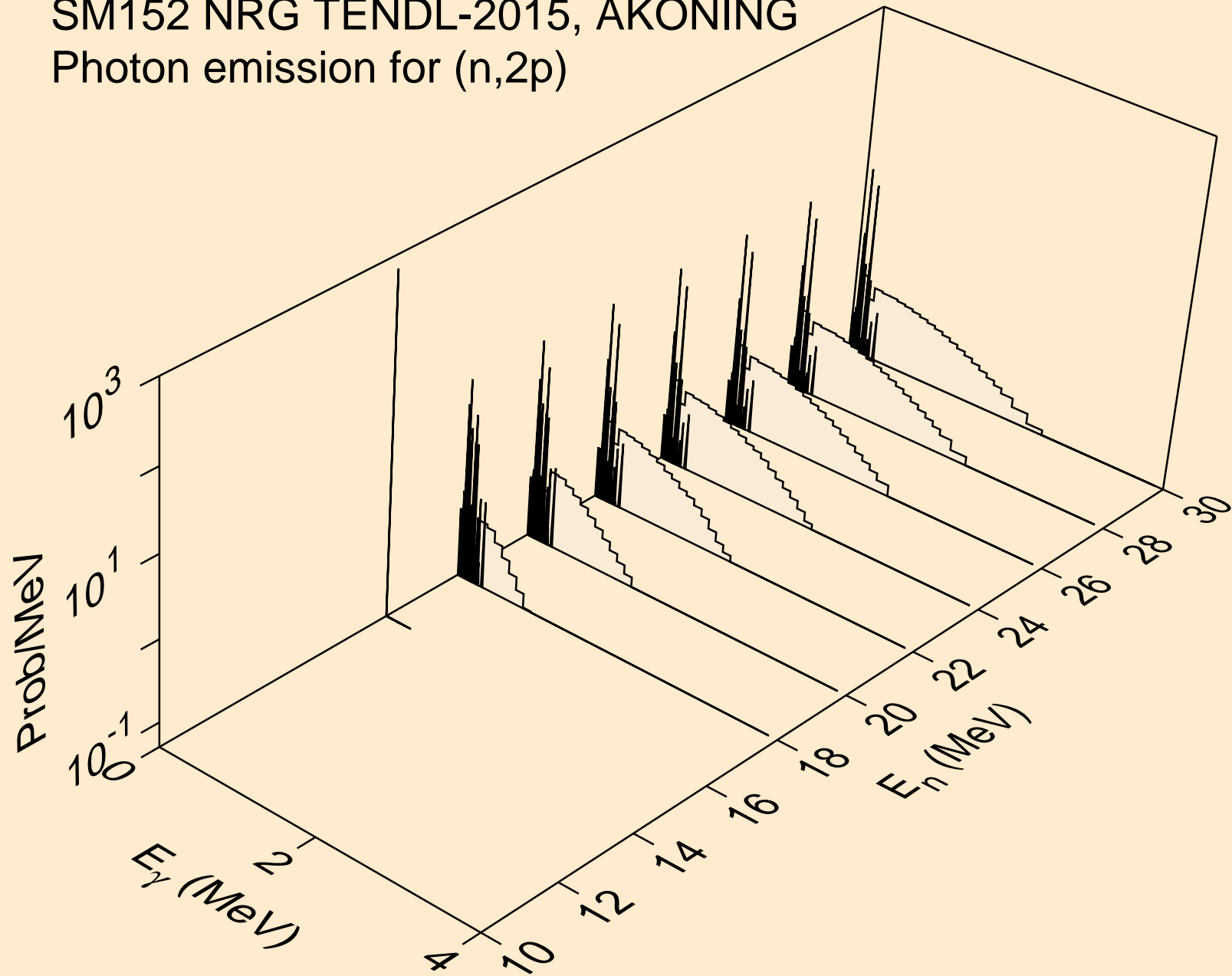
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



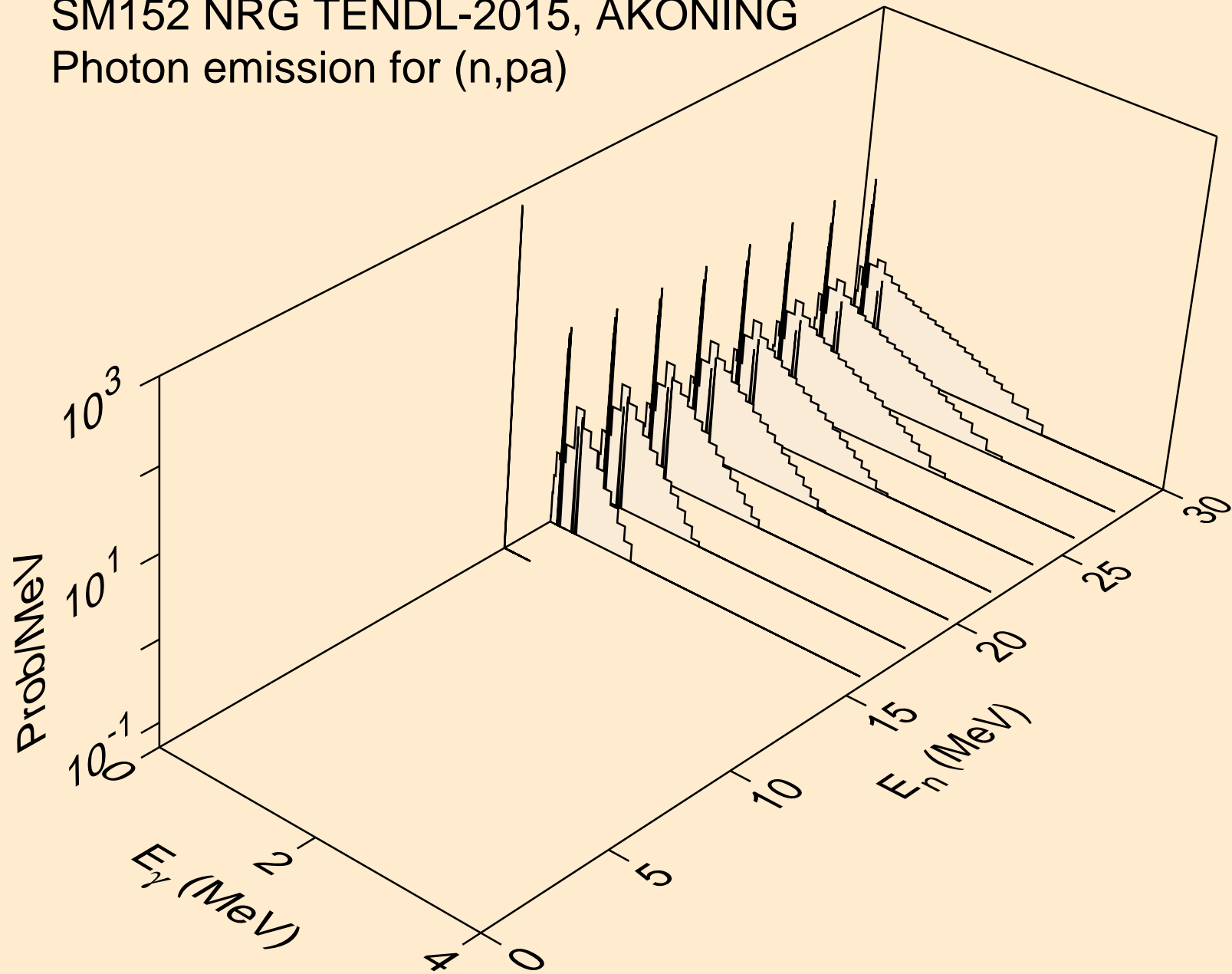
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



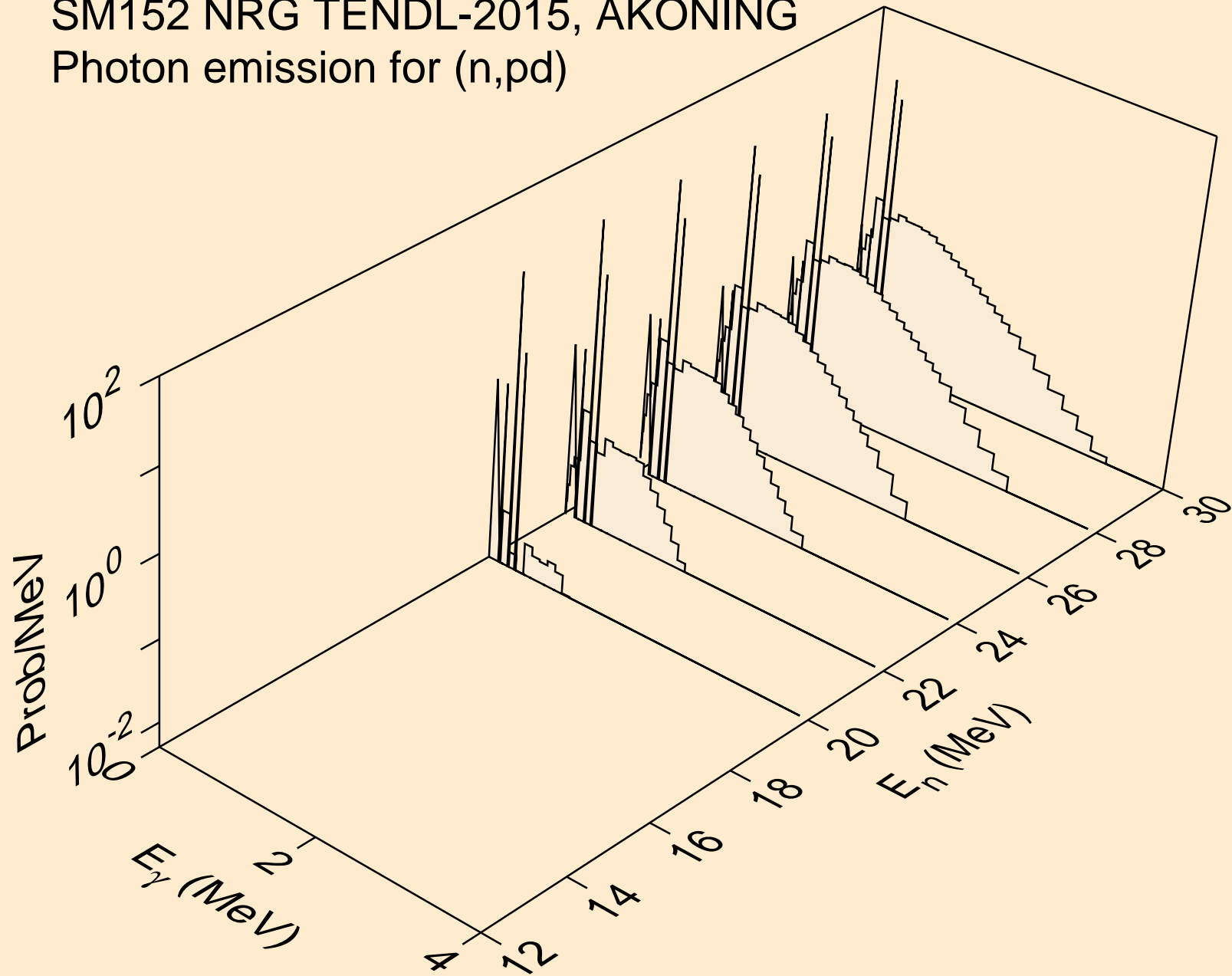
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



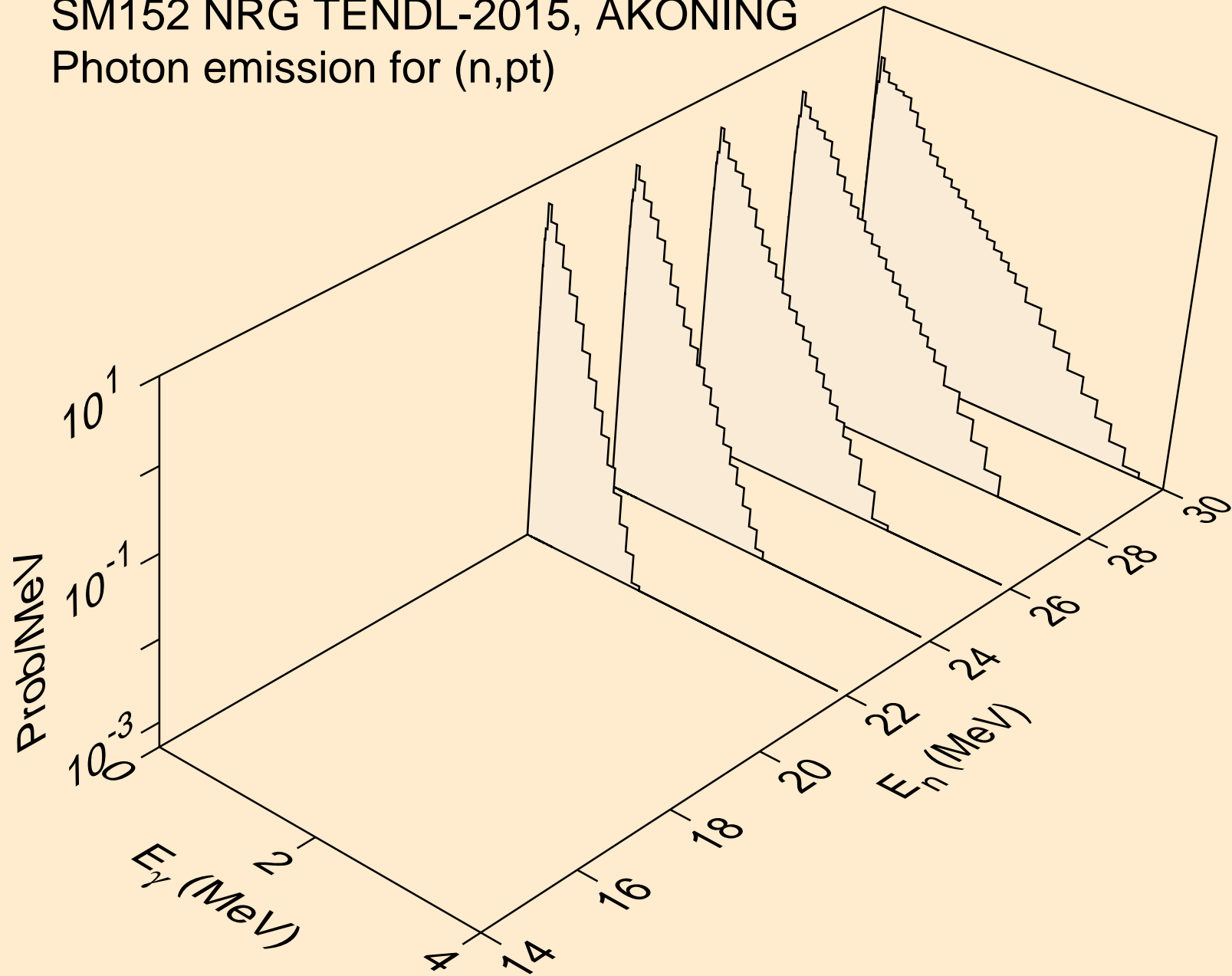
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



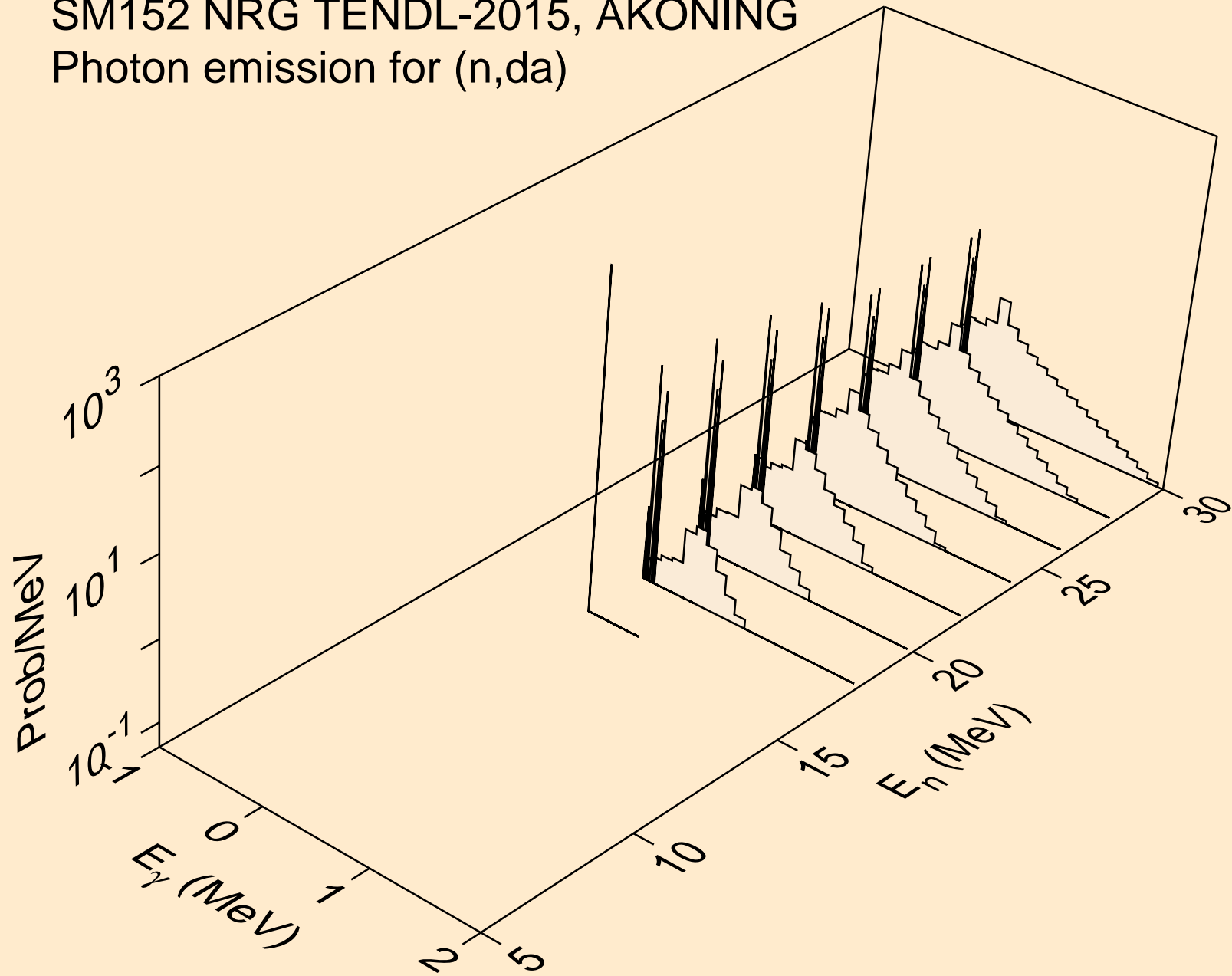
SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

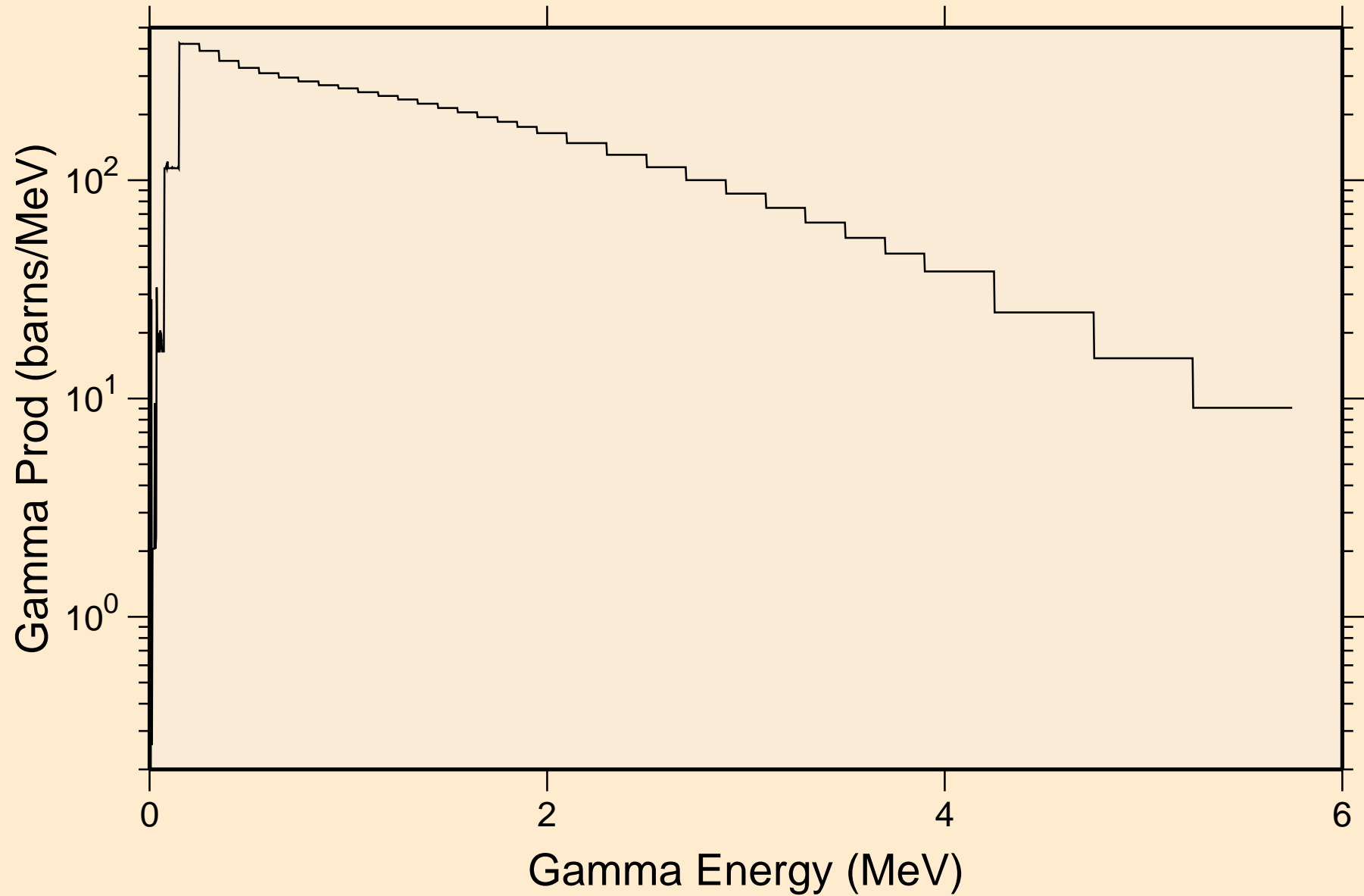


SM152 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

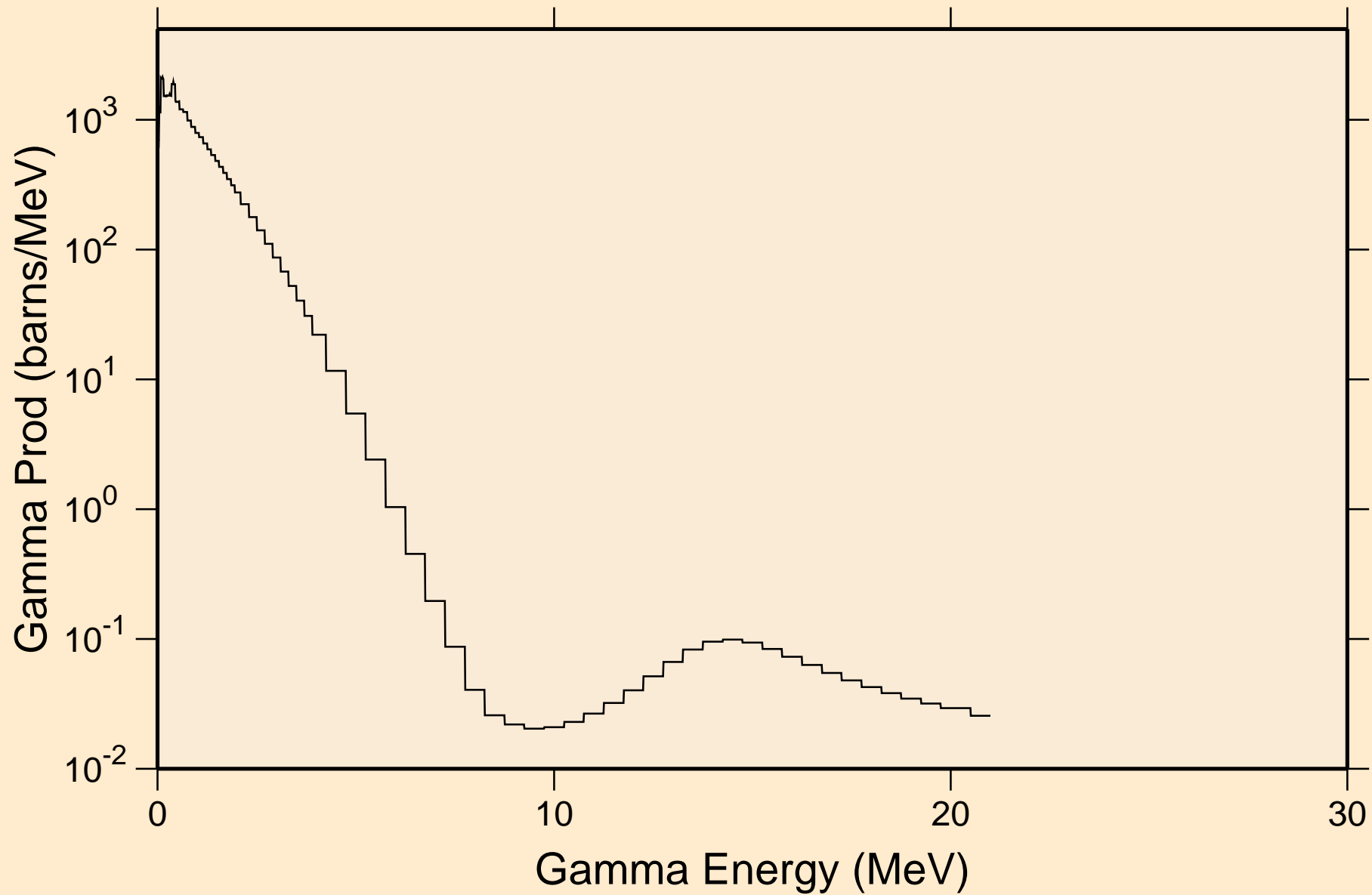




SM152 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

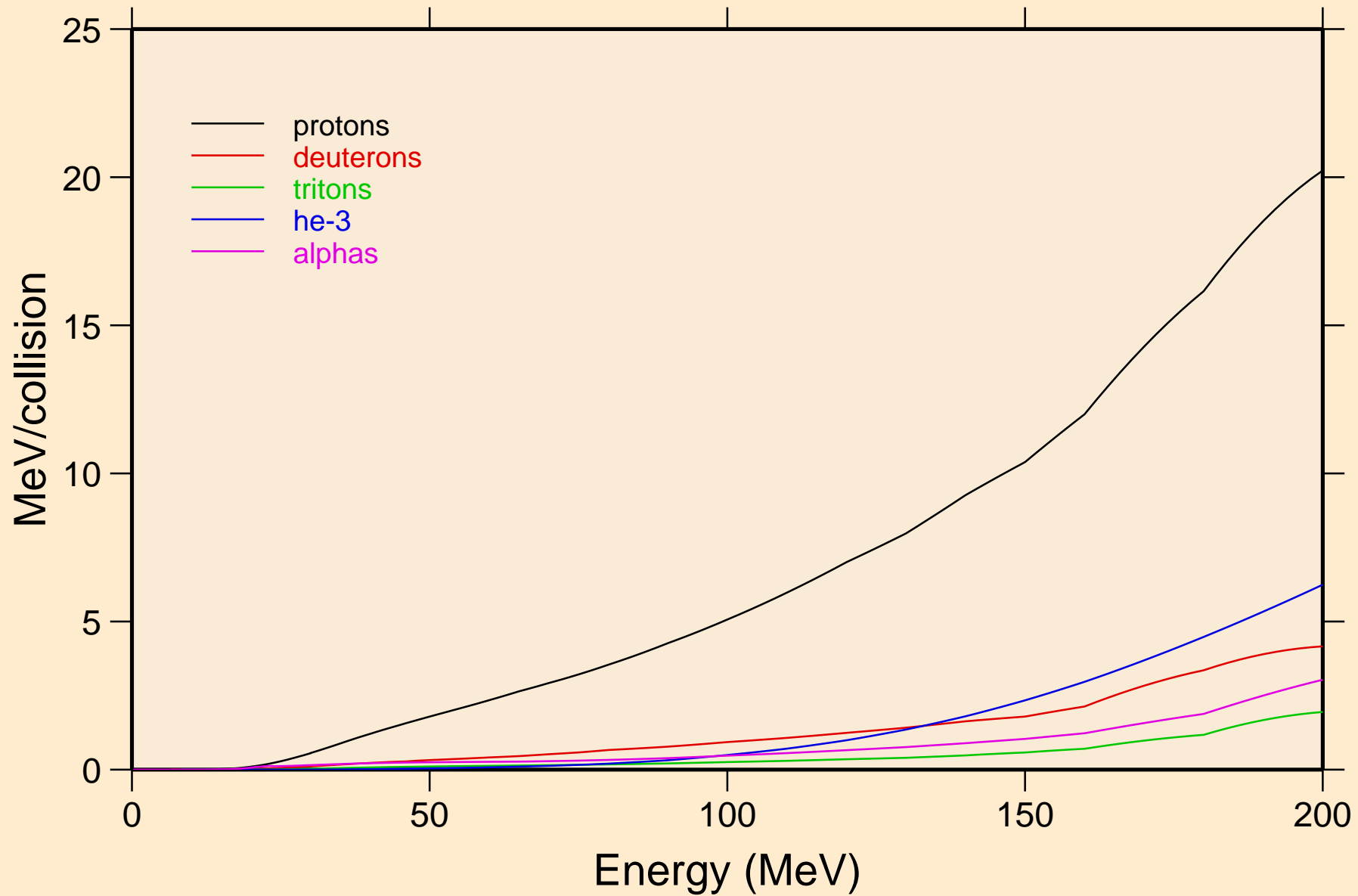


SM152 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



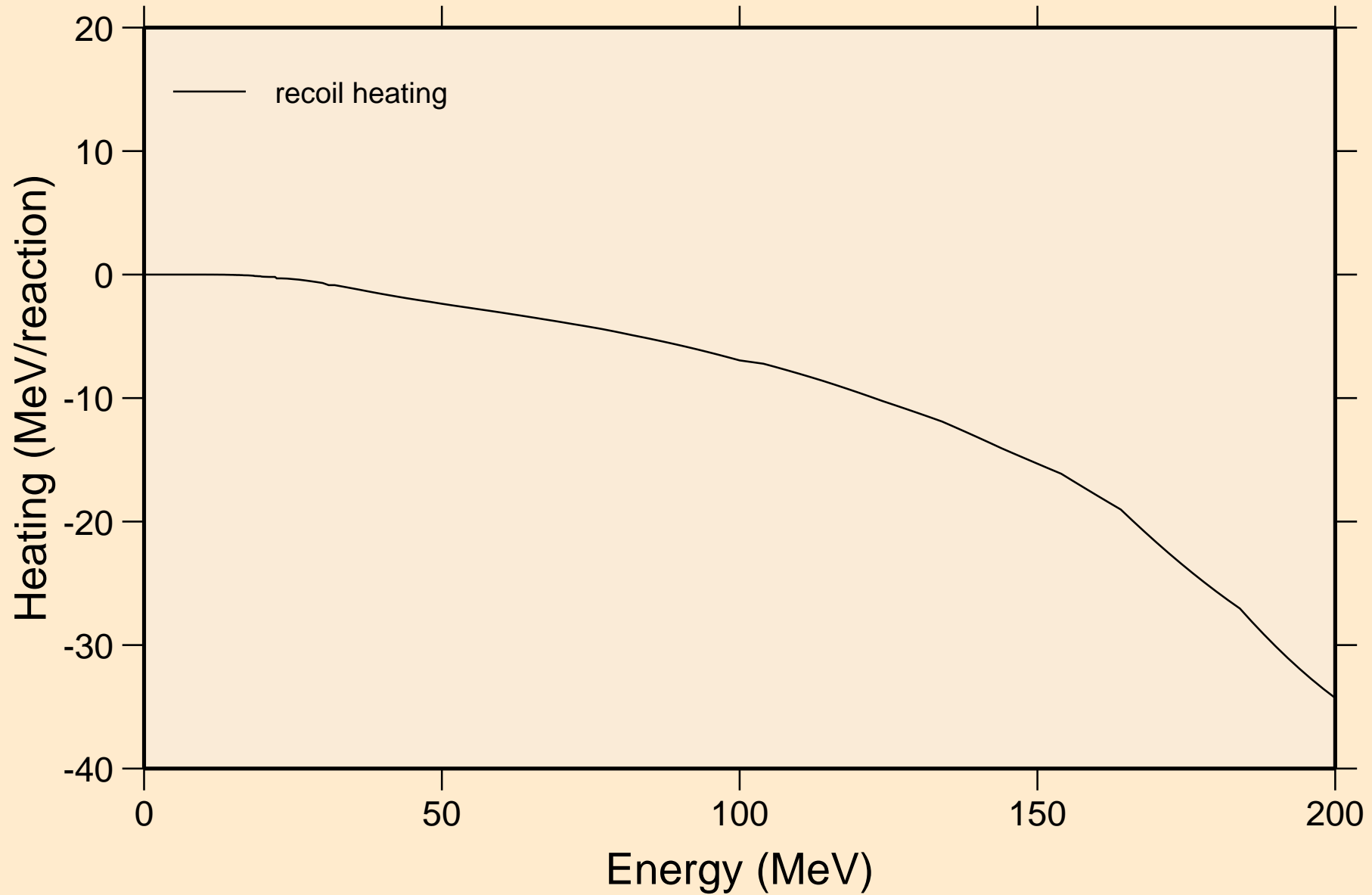
# SM152 NRG TENDL-2015, AKONING

## Particle heating contributions



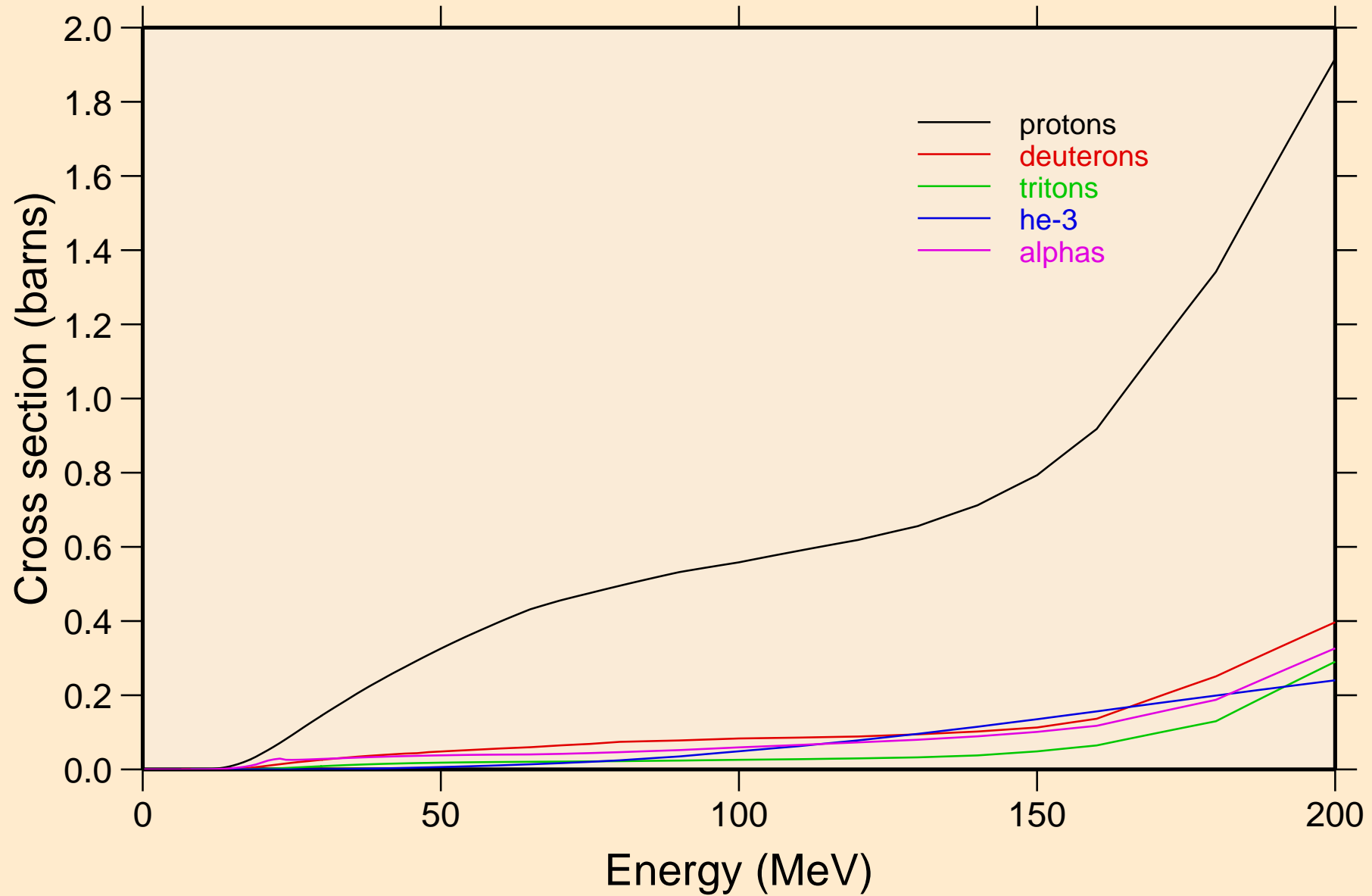
# SM152 NRG TENDL-2015, AKONING

## Recoil Heating

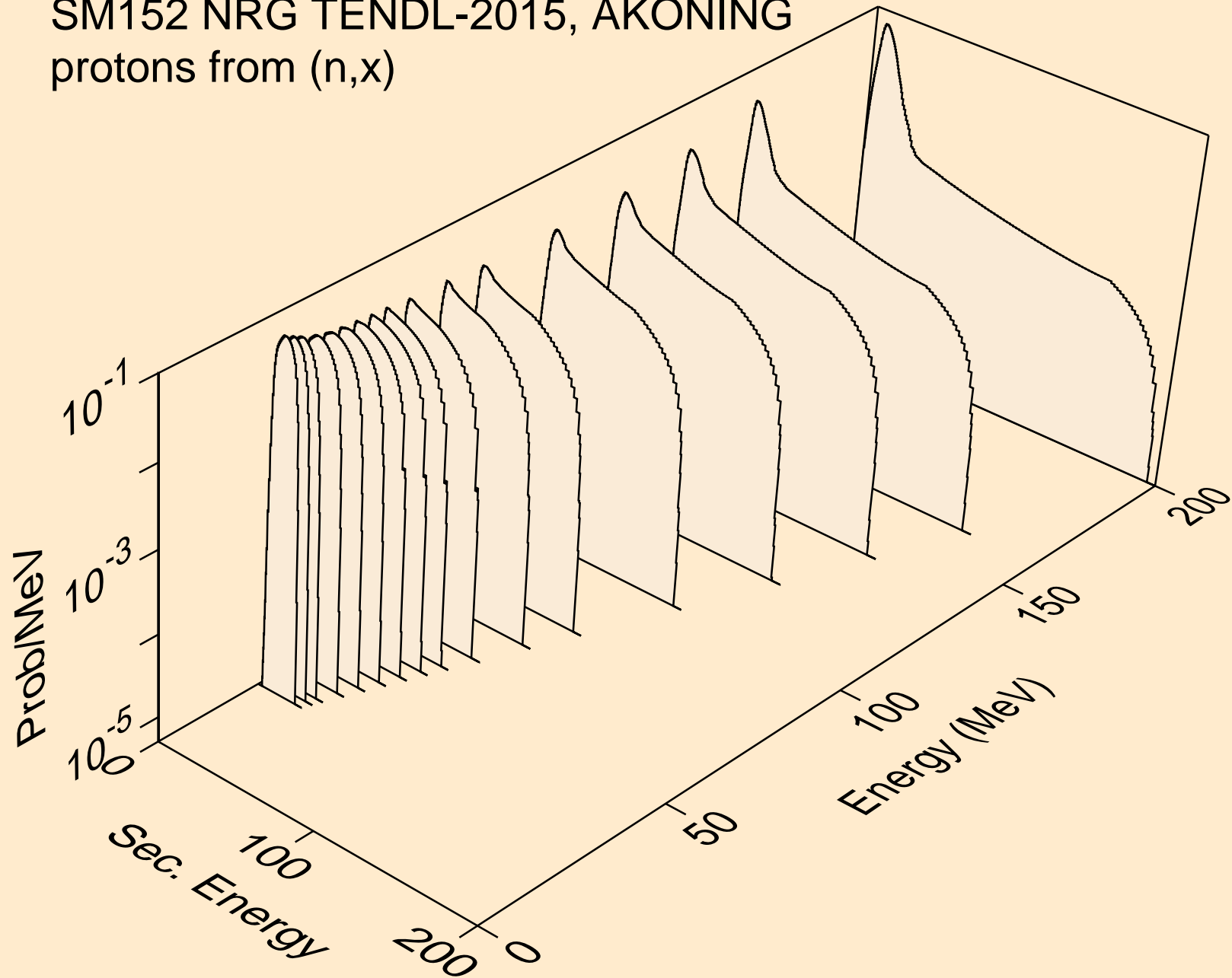


# SM152 NRG TENDL-2015, AKONING

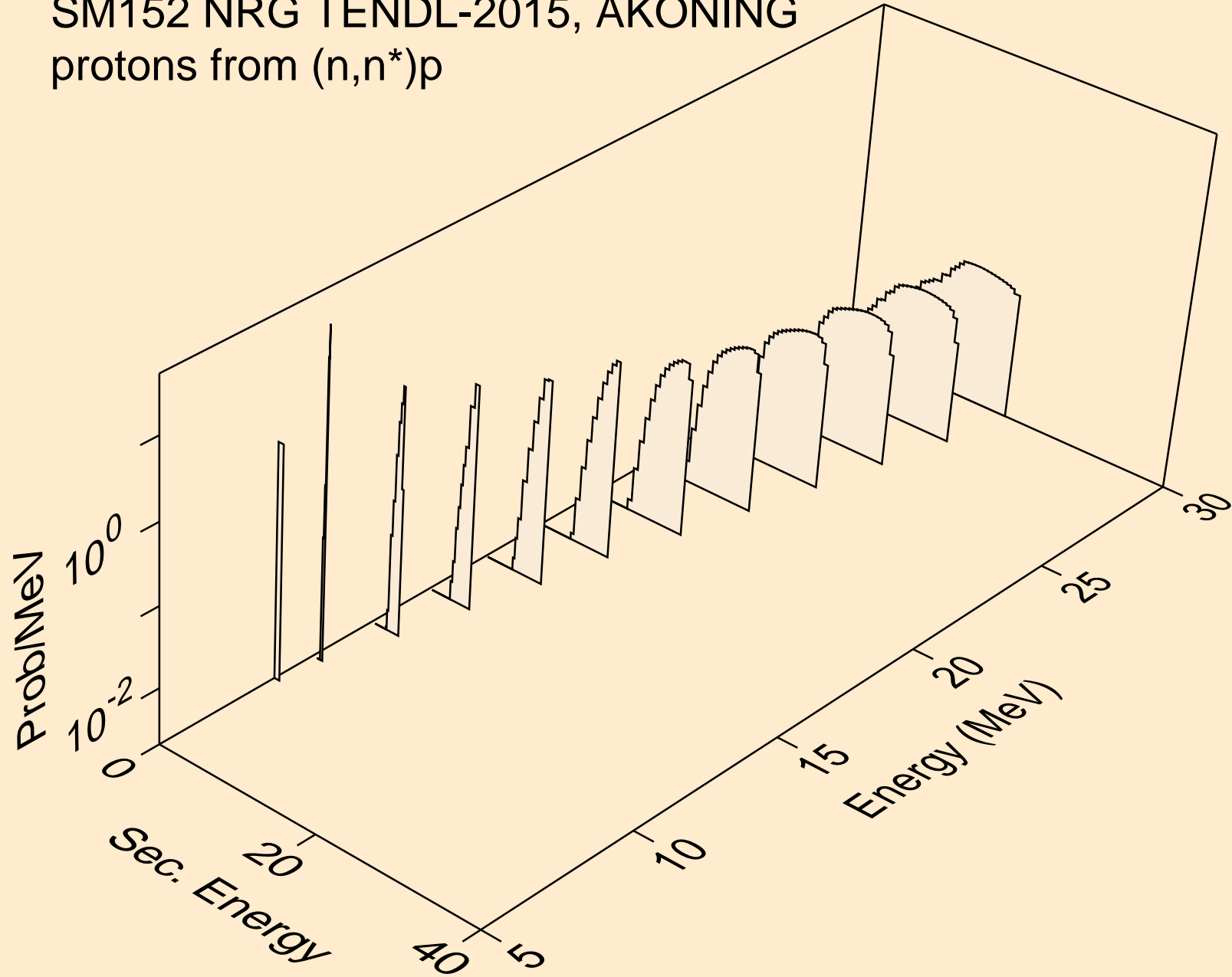
## Particle production cross sections



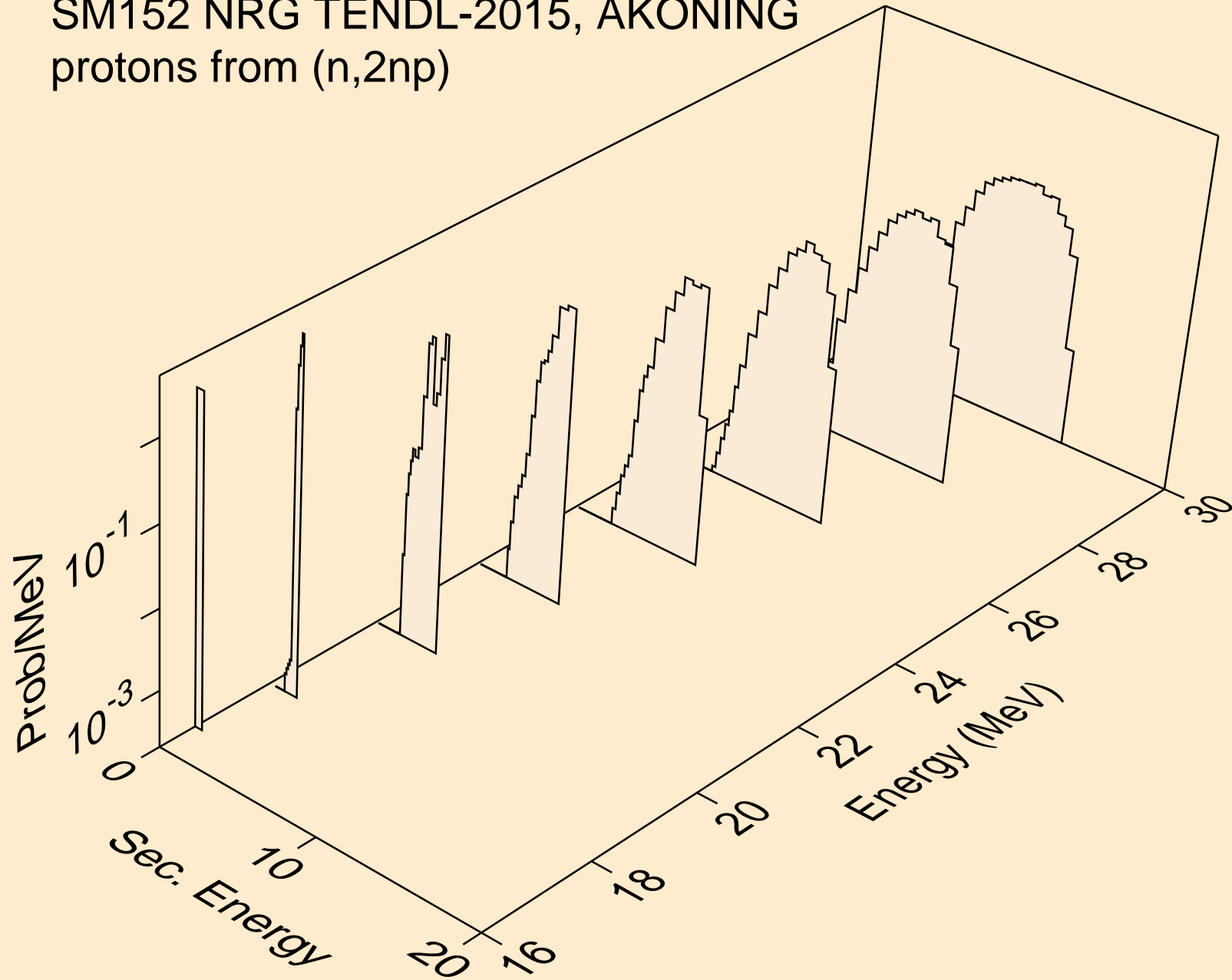
SM152 NRG TENDL-2015, AKONING  
protons from (n,x)



SM152 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

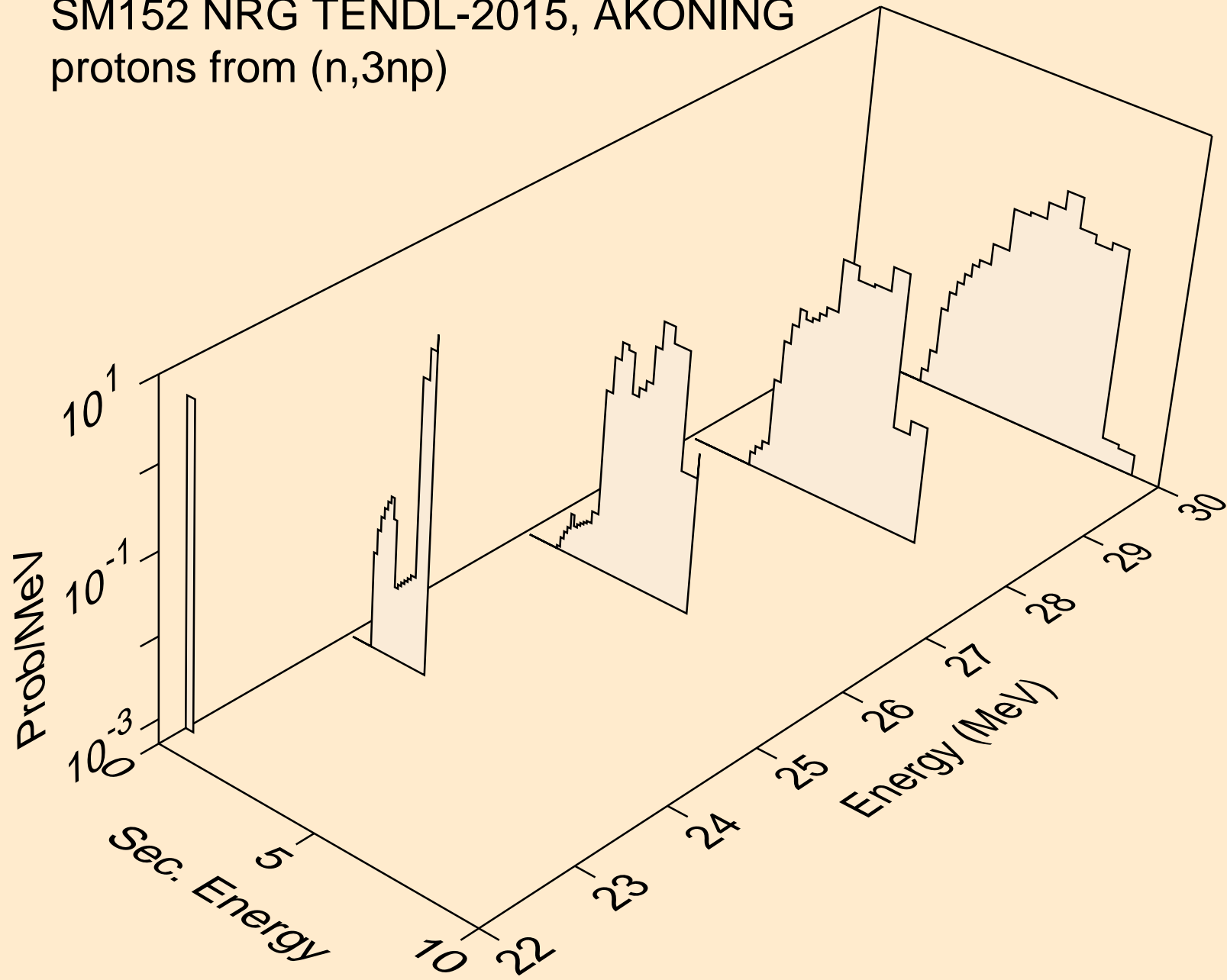


SM152 NRG TENDL-2015, AKONING  
protons from (n,2np)

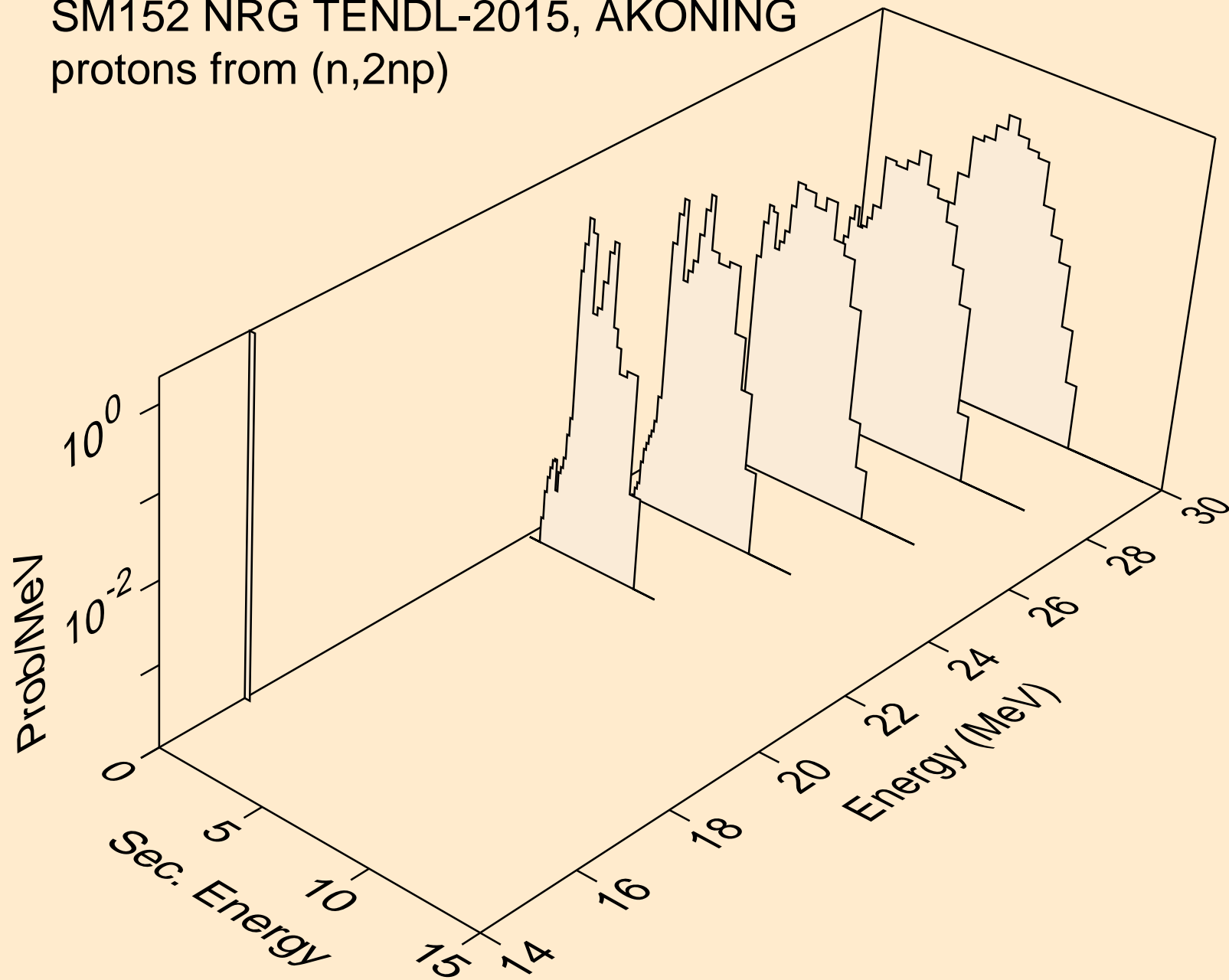




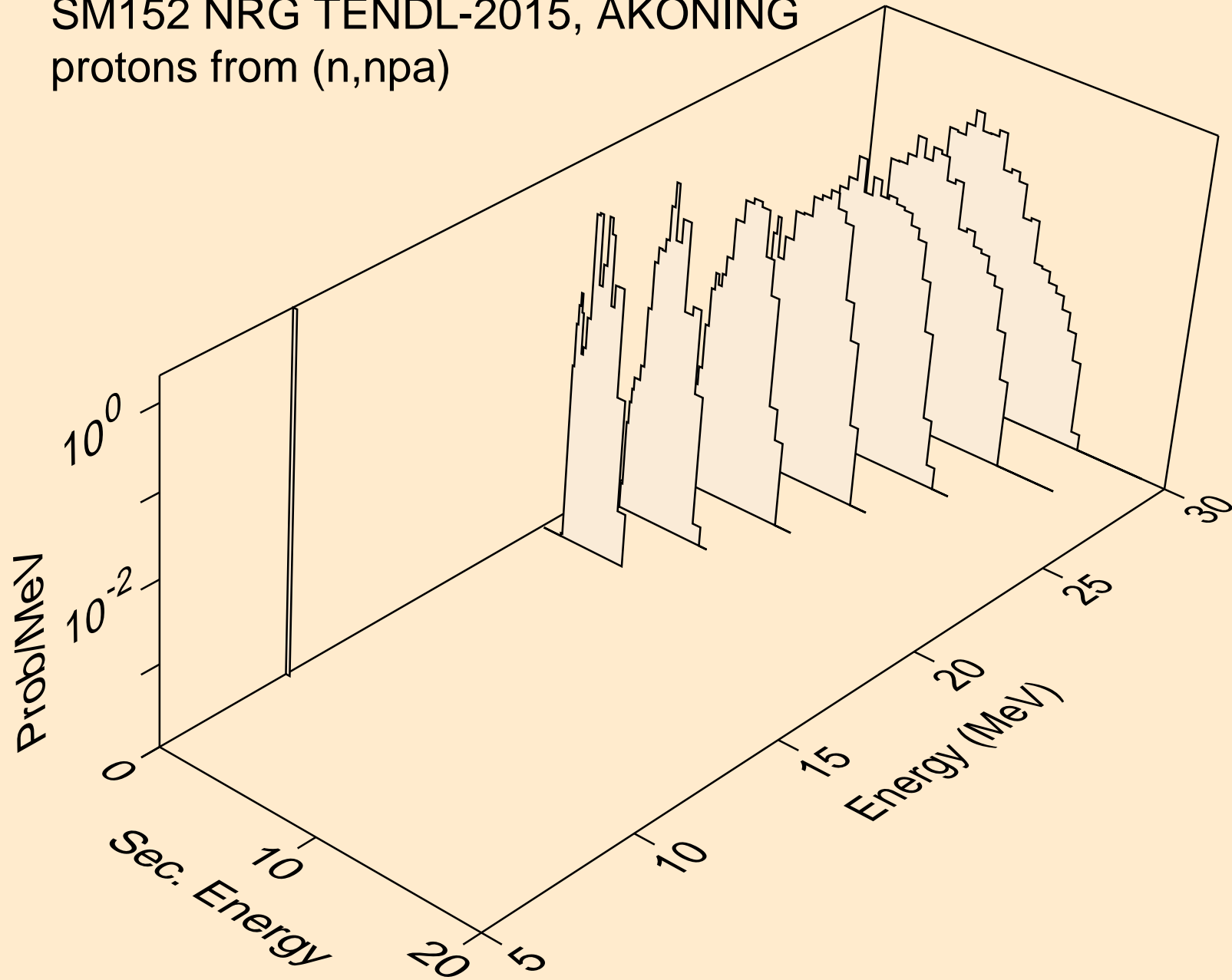
SM152 NRG TENDL-2015, AKONING  
protons from (n,3np)



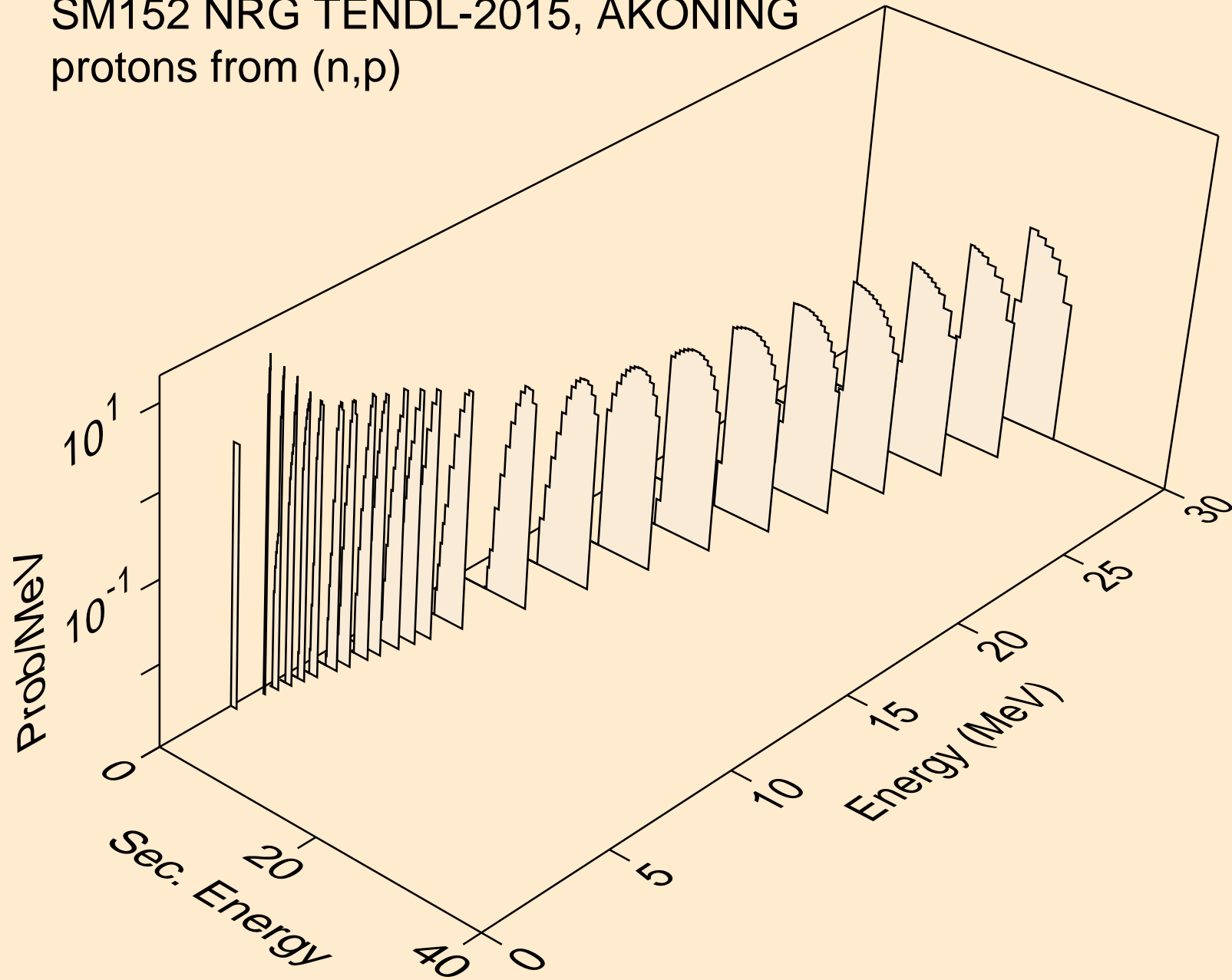
SM152 NRG TENDL-2015, AKONING  
protons from (n,2np)



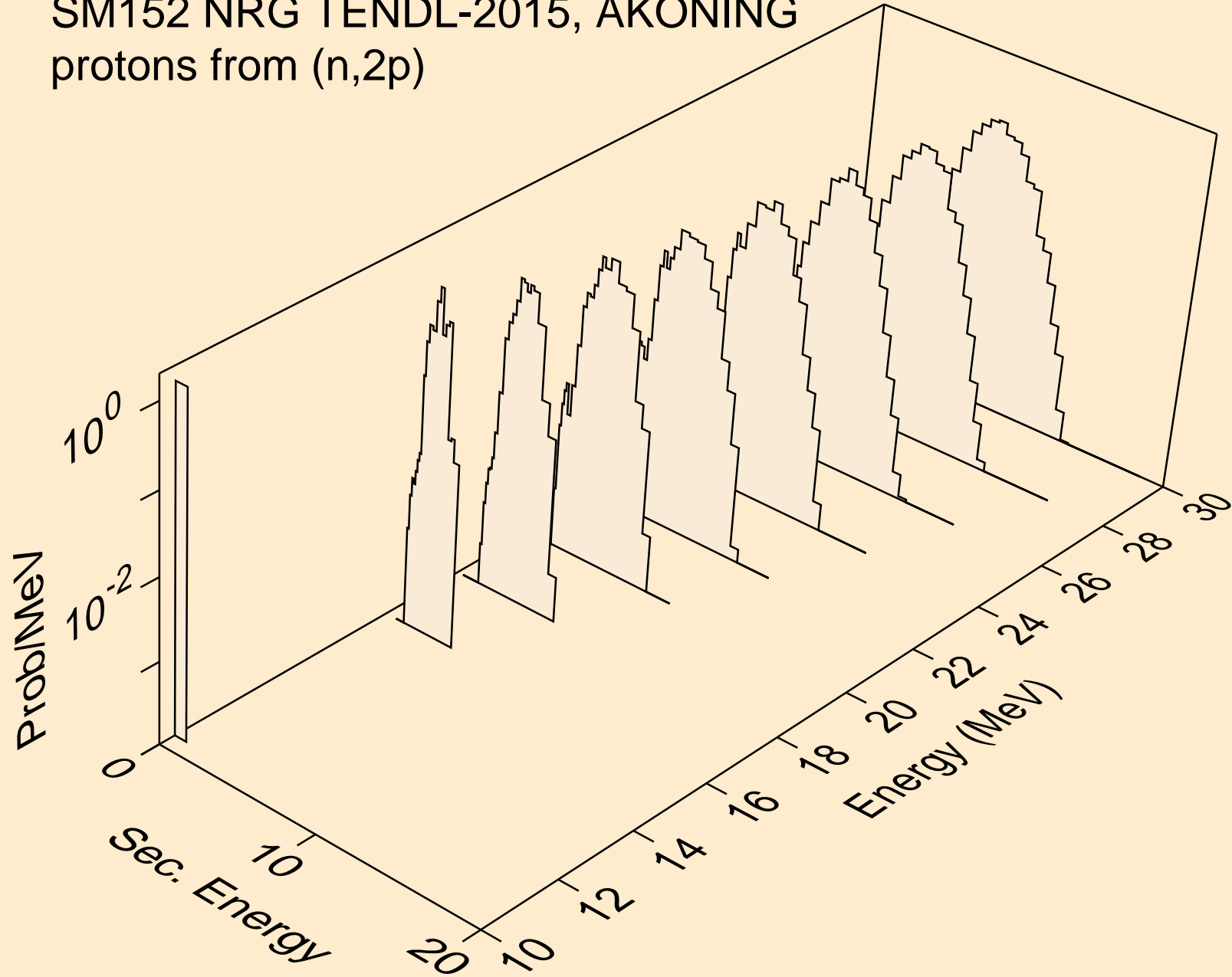
SM152 NRG TENDL-2015, AKONING  
protons from (n,npa)



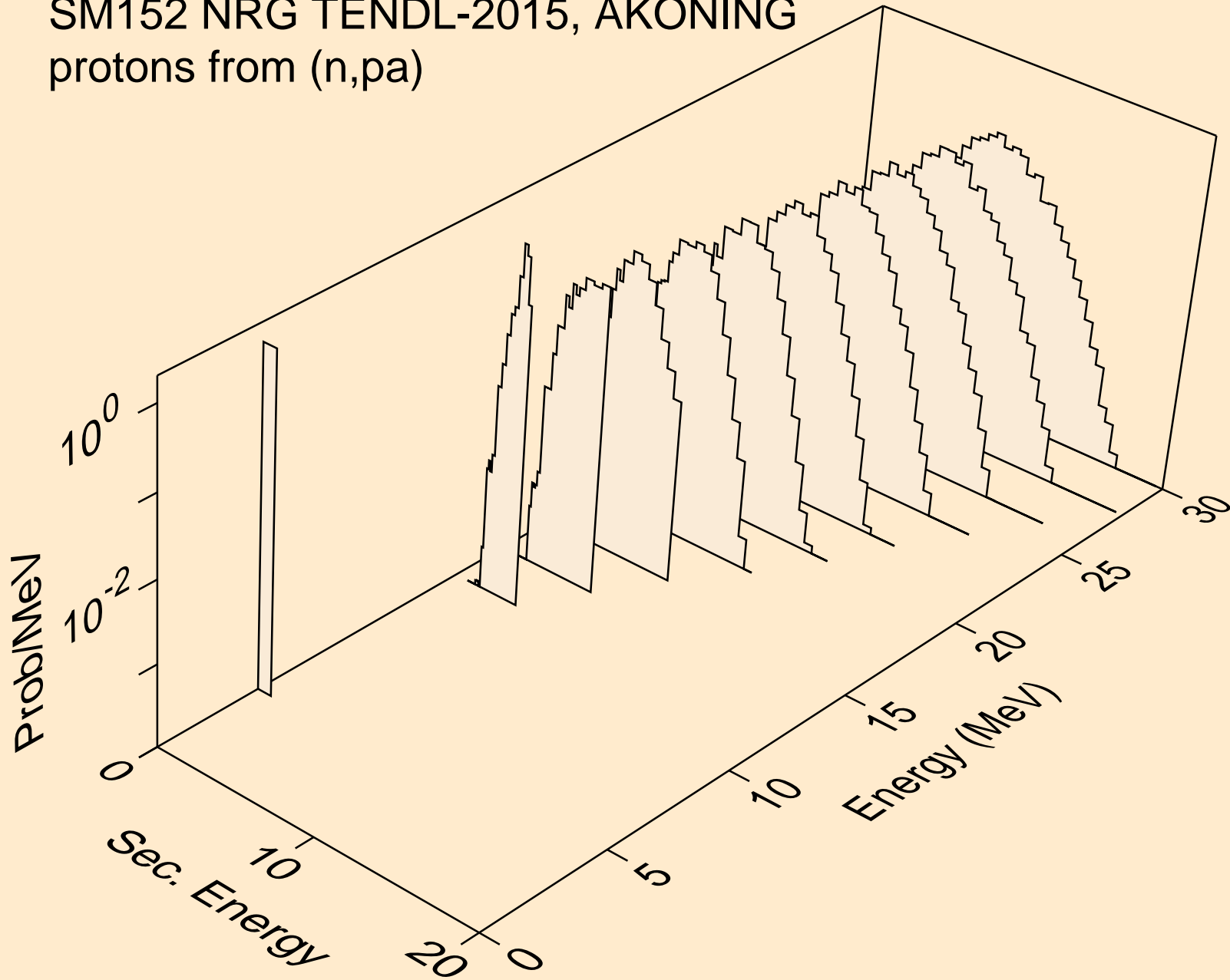
SM152 NRG TENDL-2015, AKONING  
protons from (n,p)



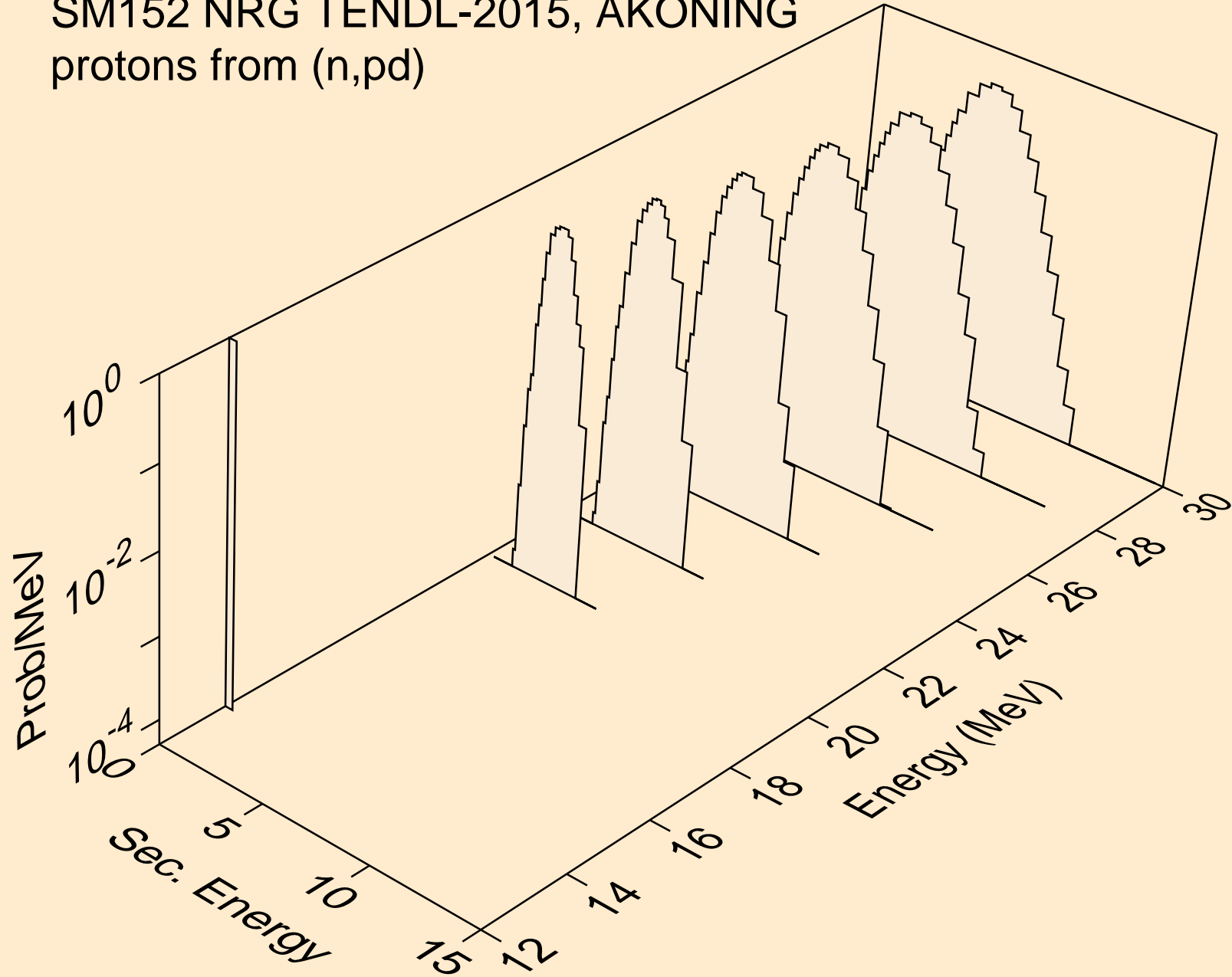
SM152 NRG TENDL-2015, AKONING  
protons from (n,2p)



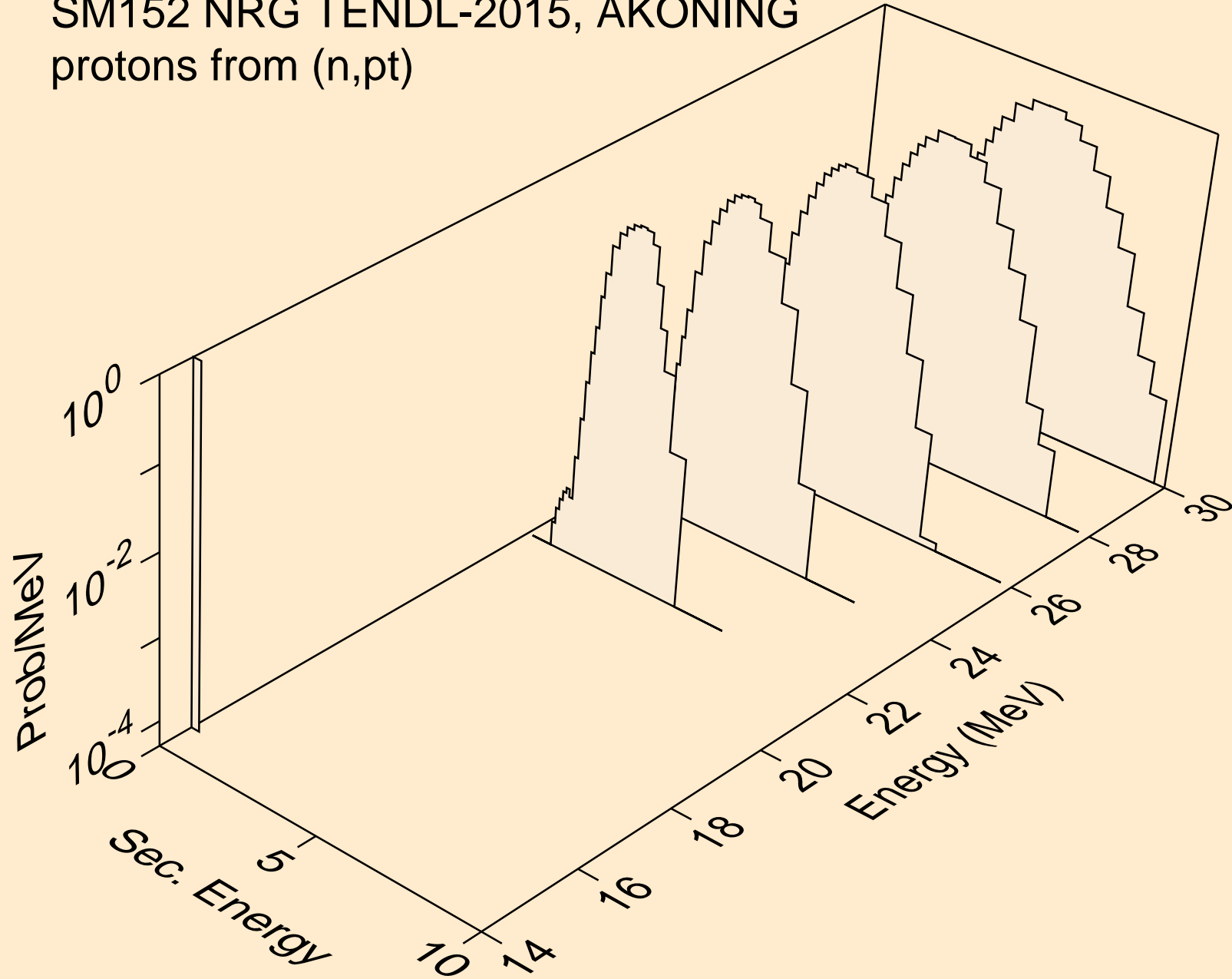
SM152 NRG TENDL-2015, AKONING  
protons from (n,pa)



SM152 NRG TENDL-2015, AKONING  
protons from (n,pd)

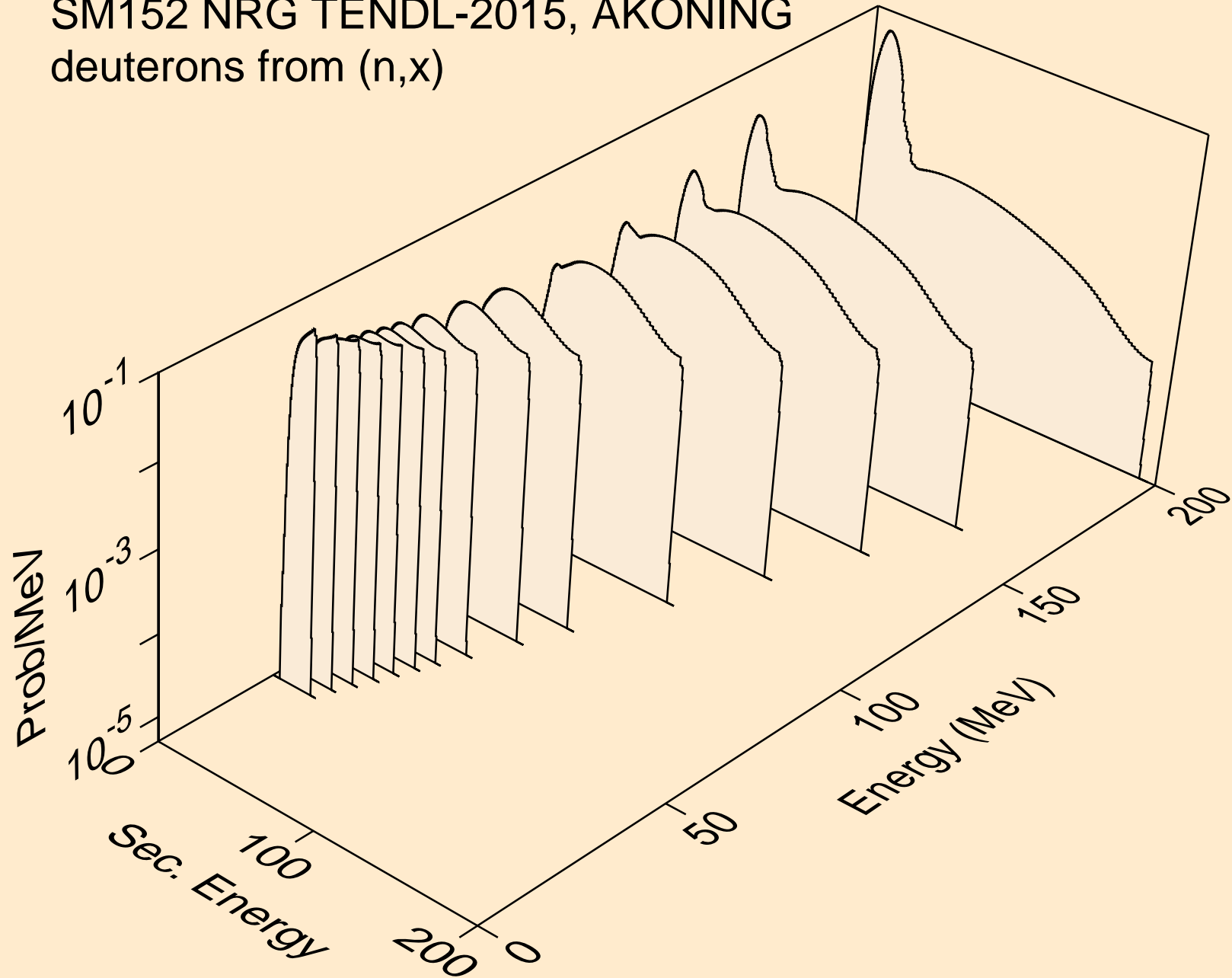


SM152 NRG TENDL-2015, AKONING  
protons from (n,pt)

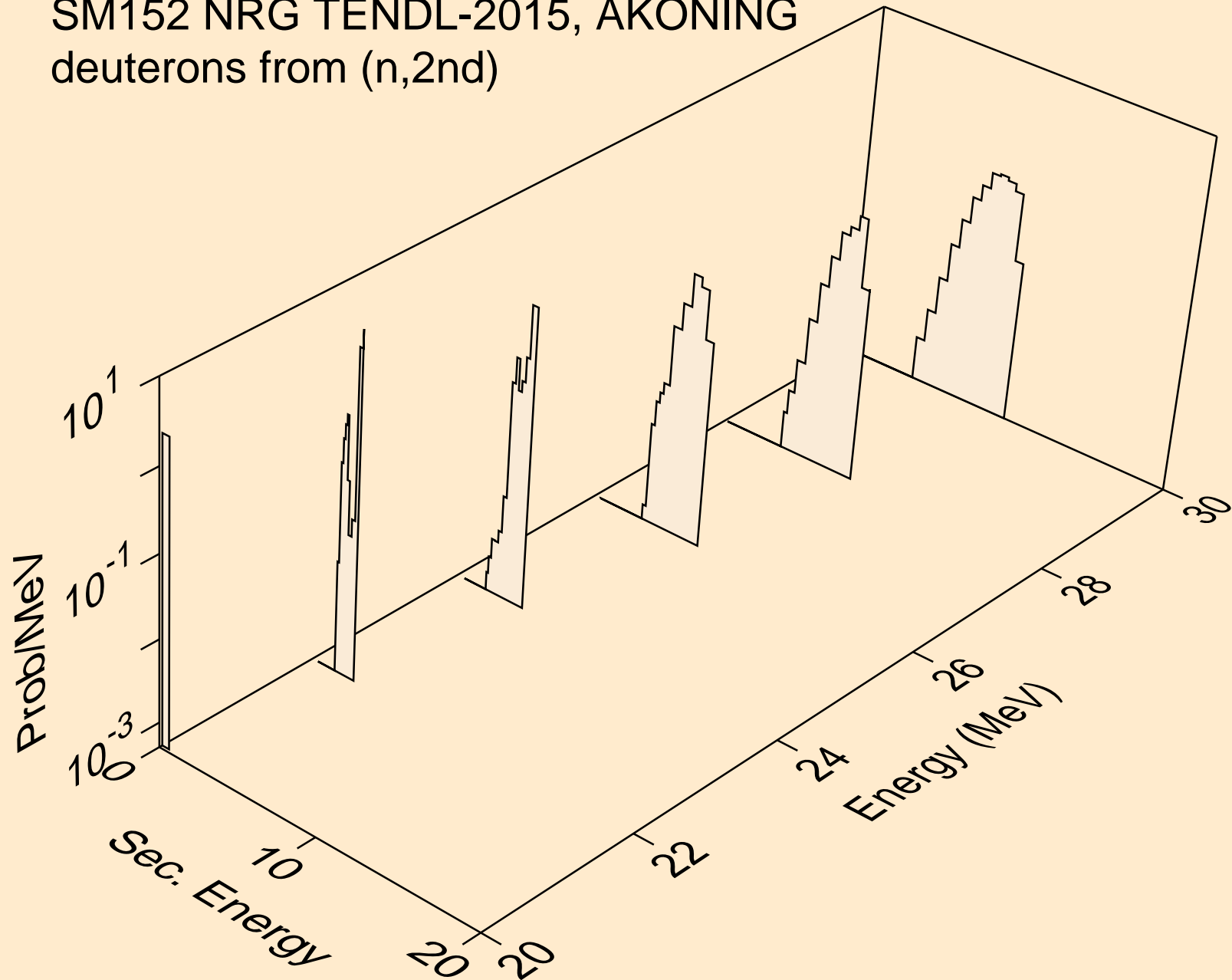




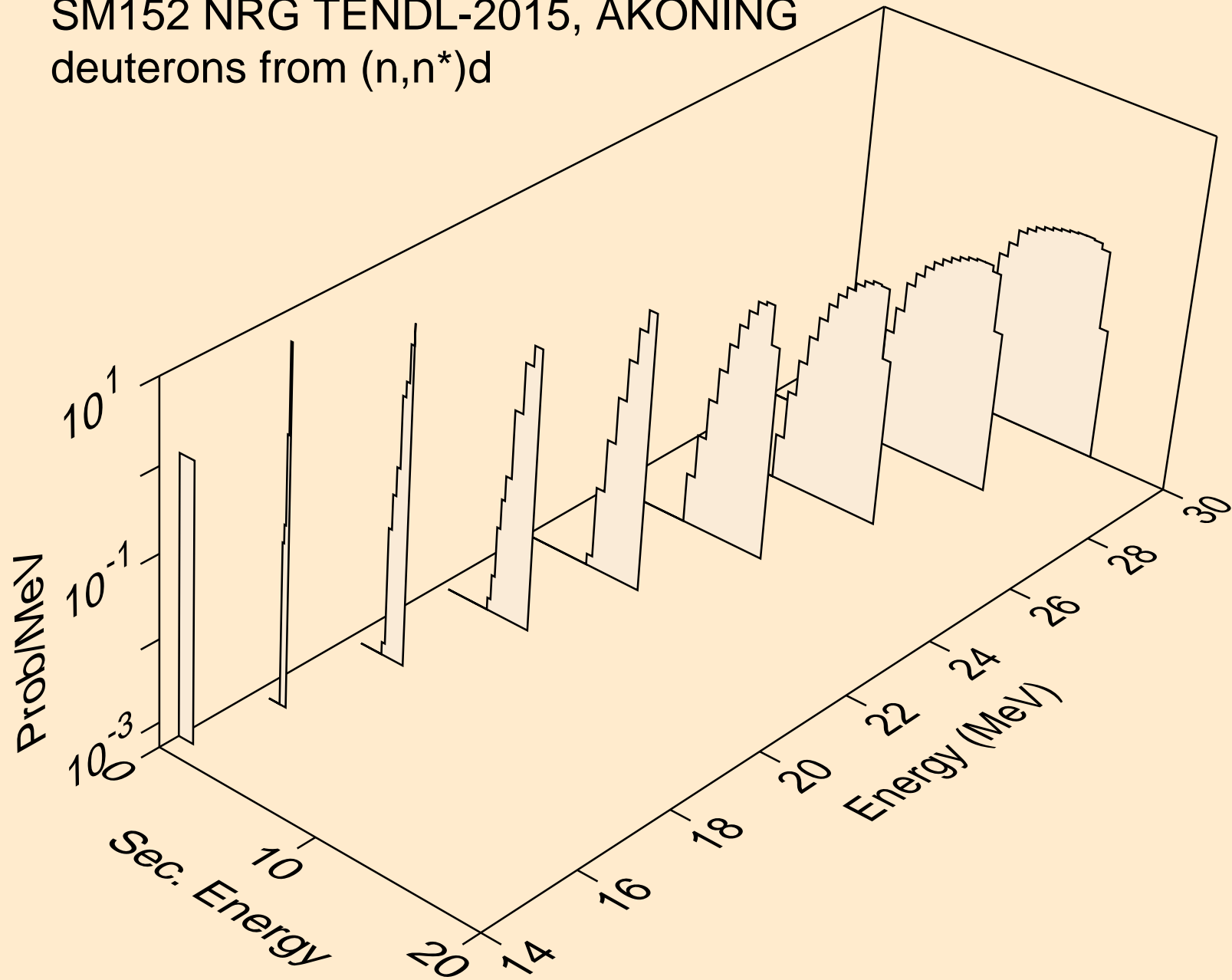
SM152 NRG TENDL-2015, AKONING  
deuterons from (n,x)



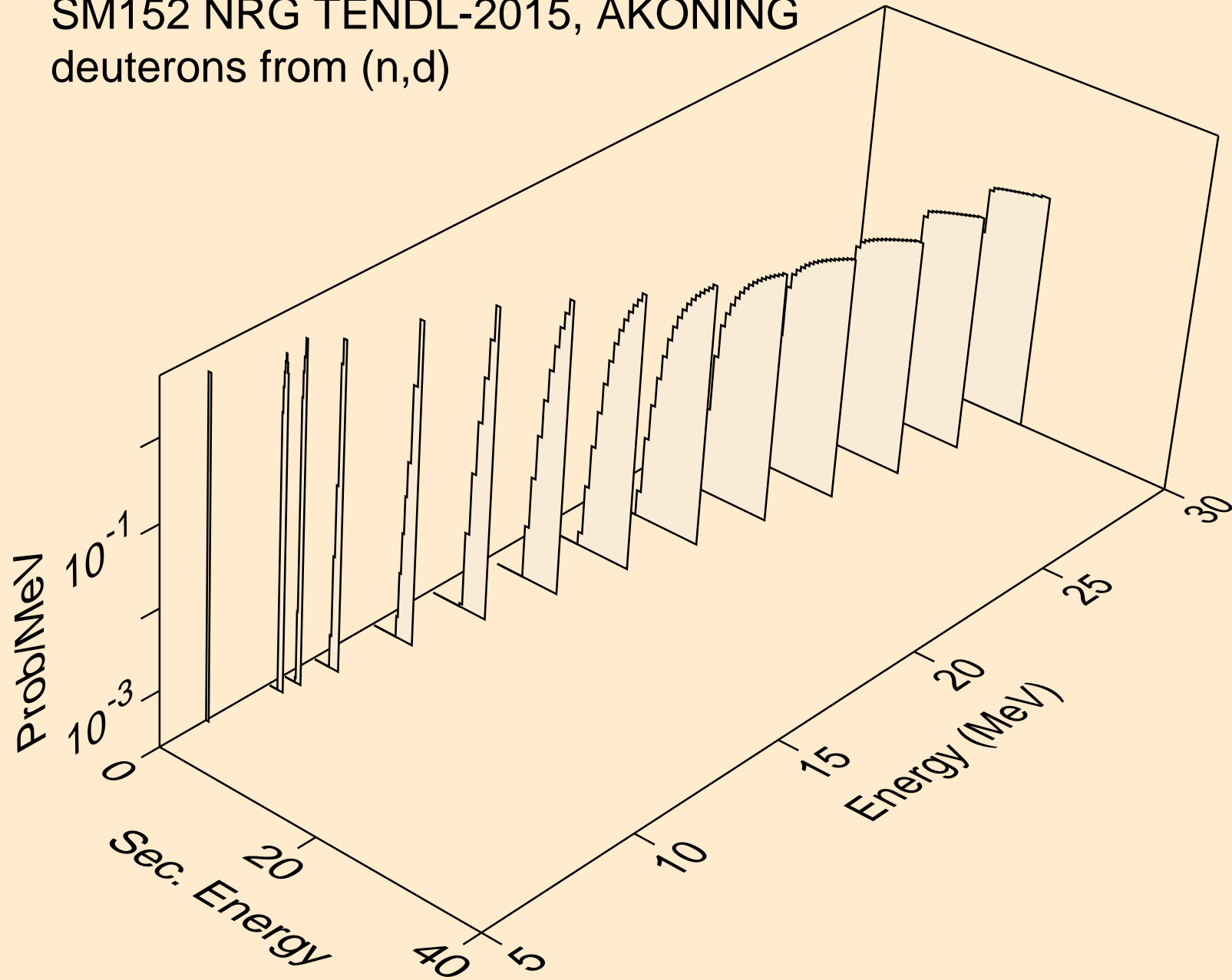
SM152 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



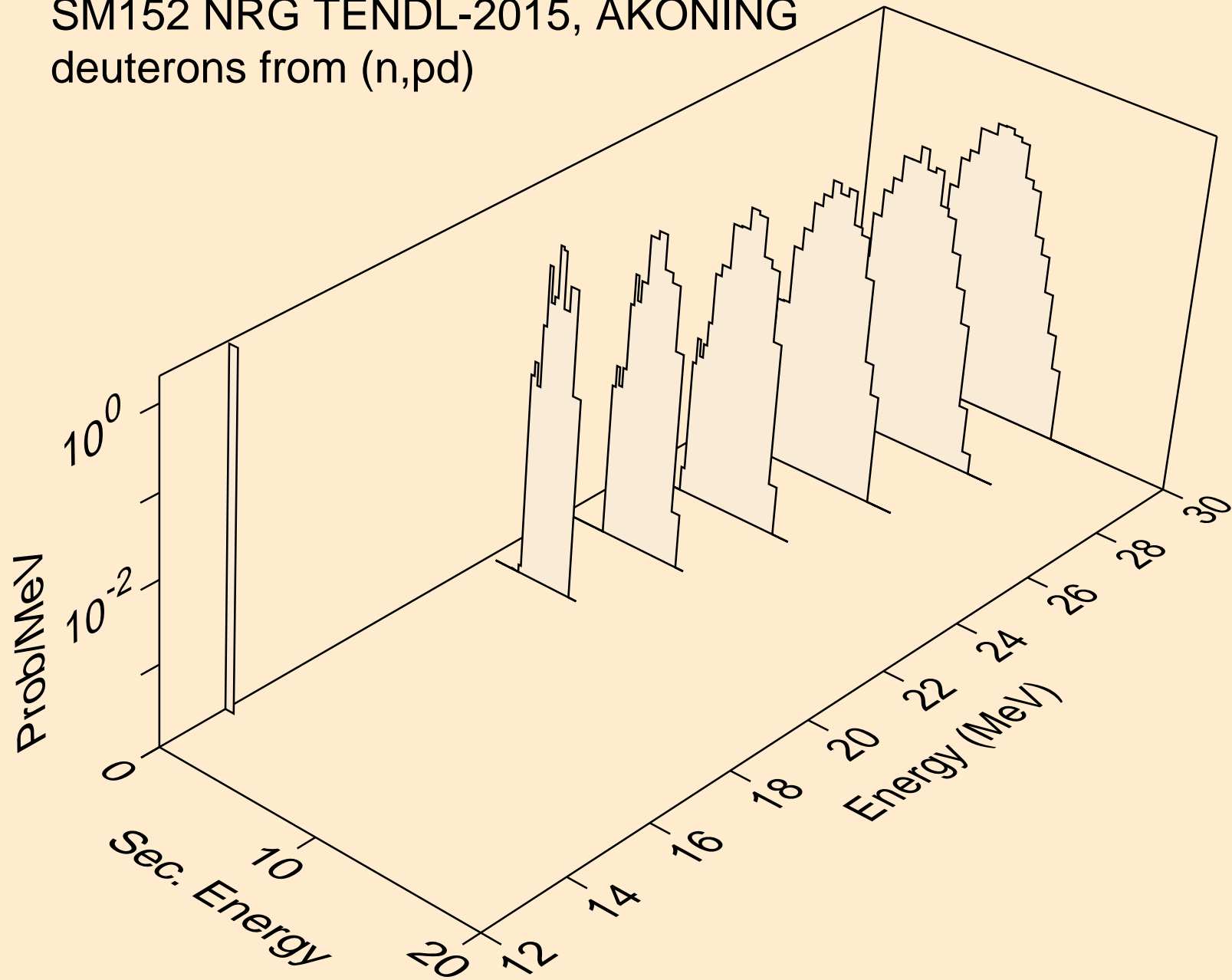
SM152 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



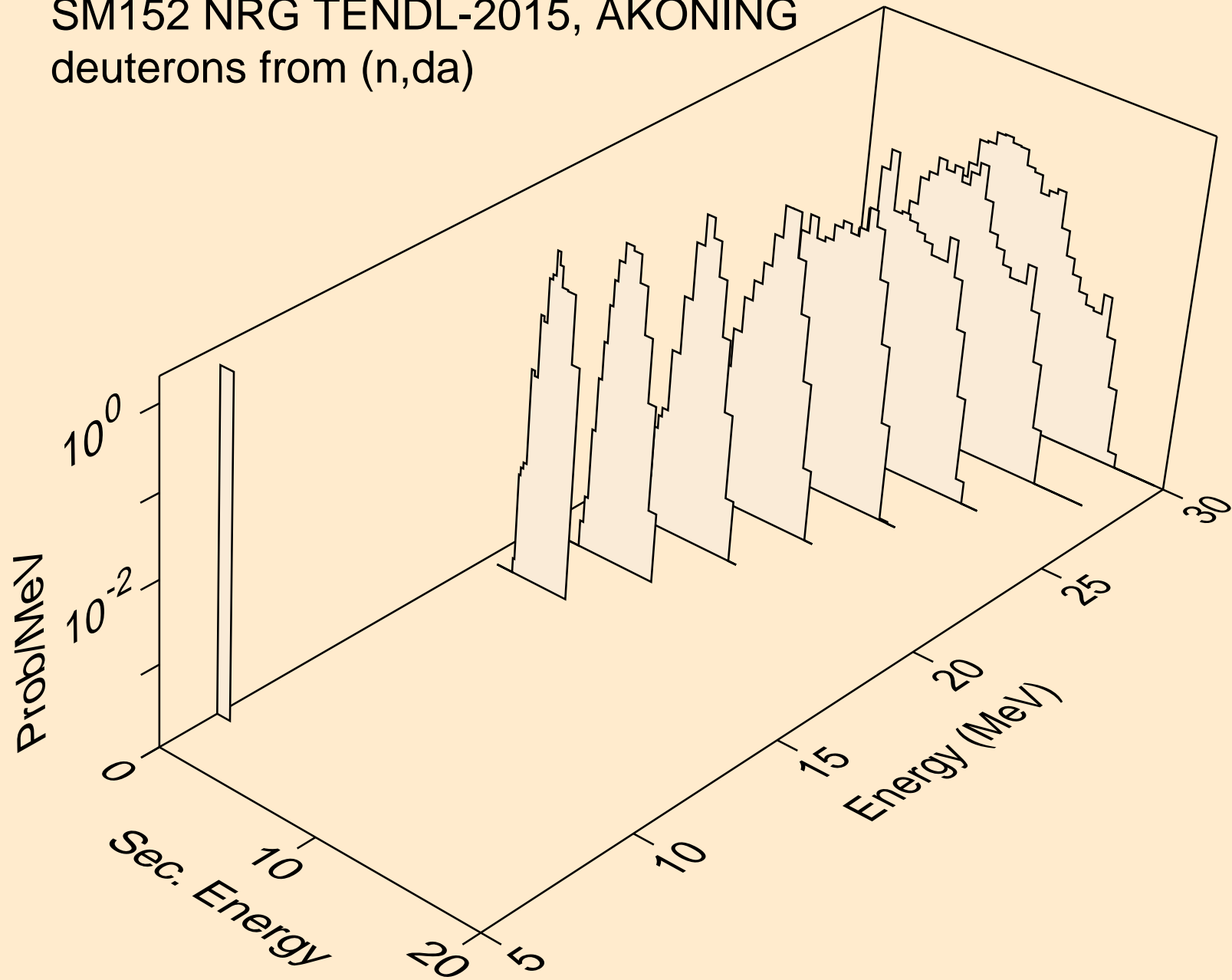
SM152 NRG TENDL-2015, AKONING  
deuterons from (n,d)



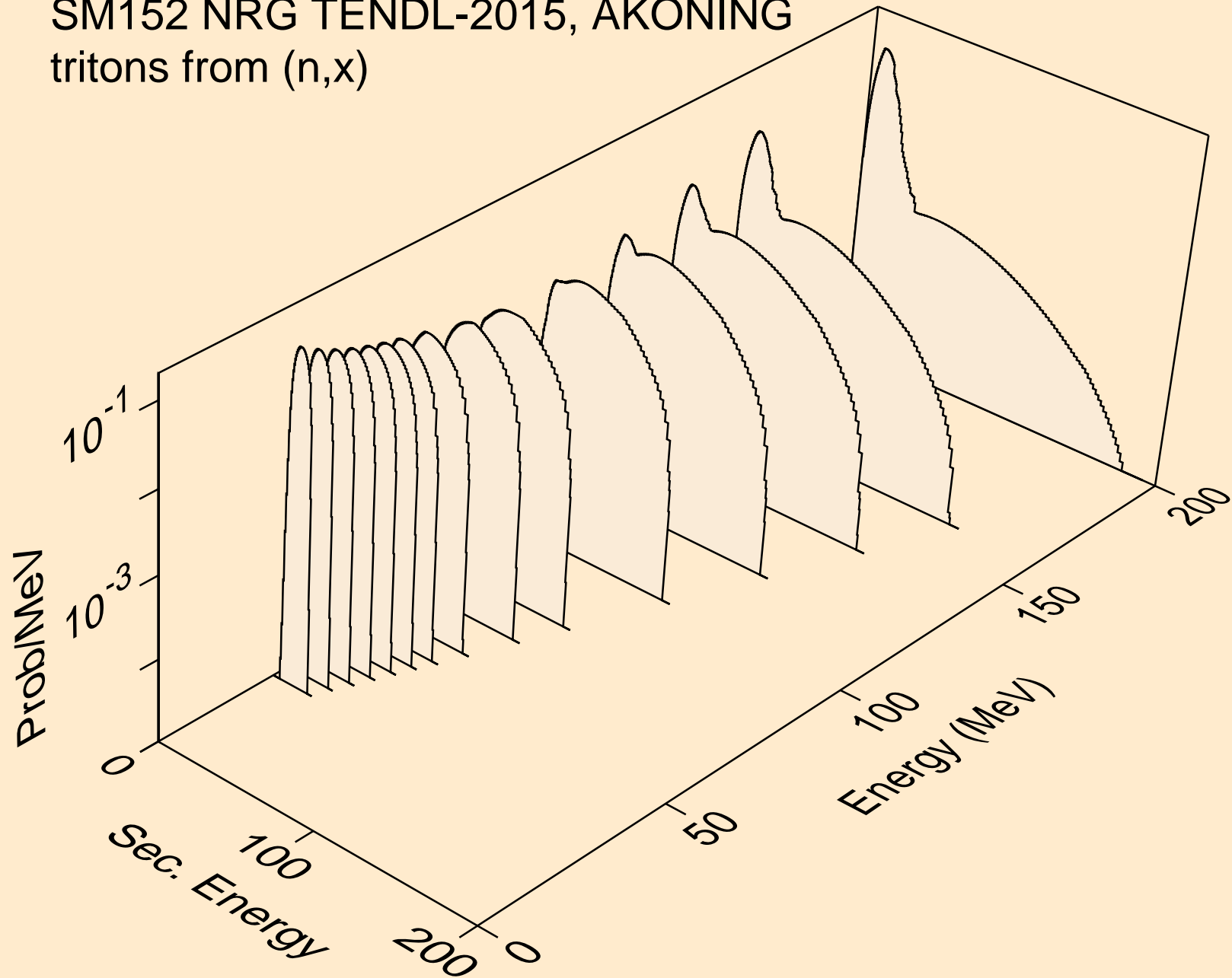
SM152 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



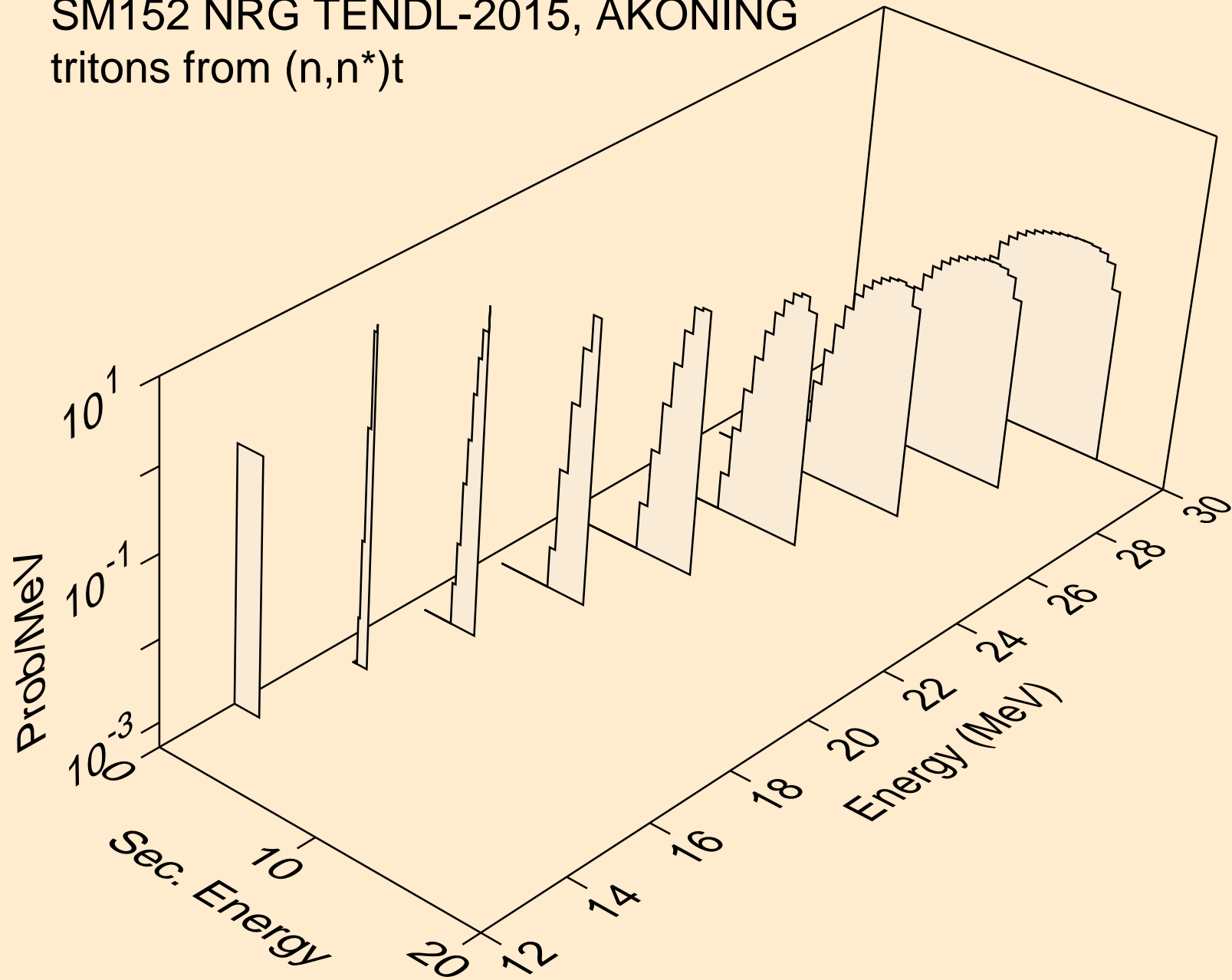
SM152 NRG TENDL-2015, AKONING  
deuterons from (n,da)



SM152 NRG TENDL-2015, AKONING  
tritons from (n,x)

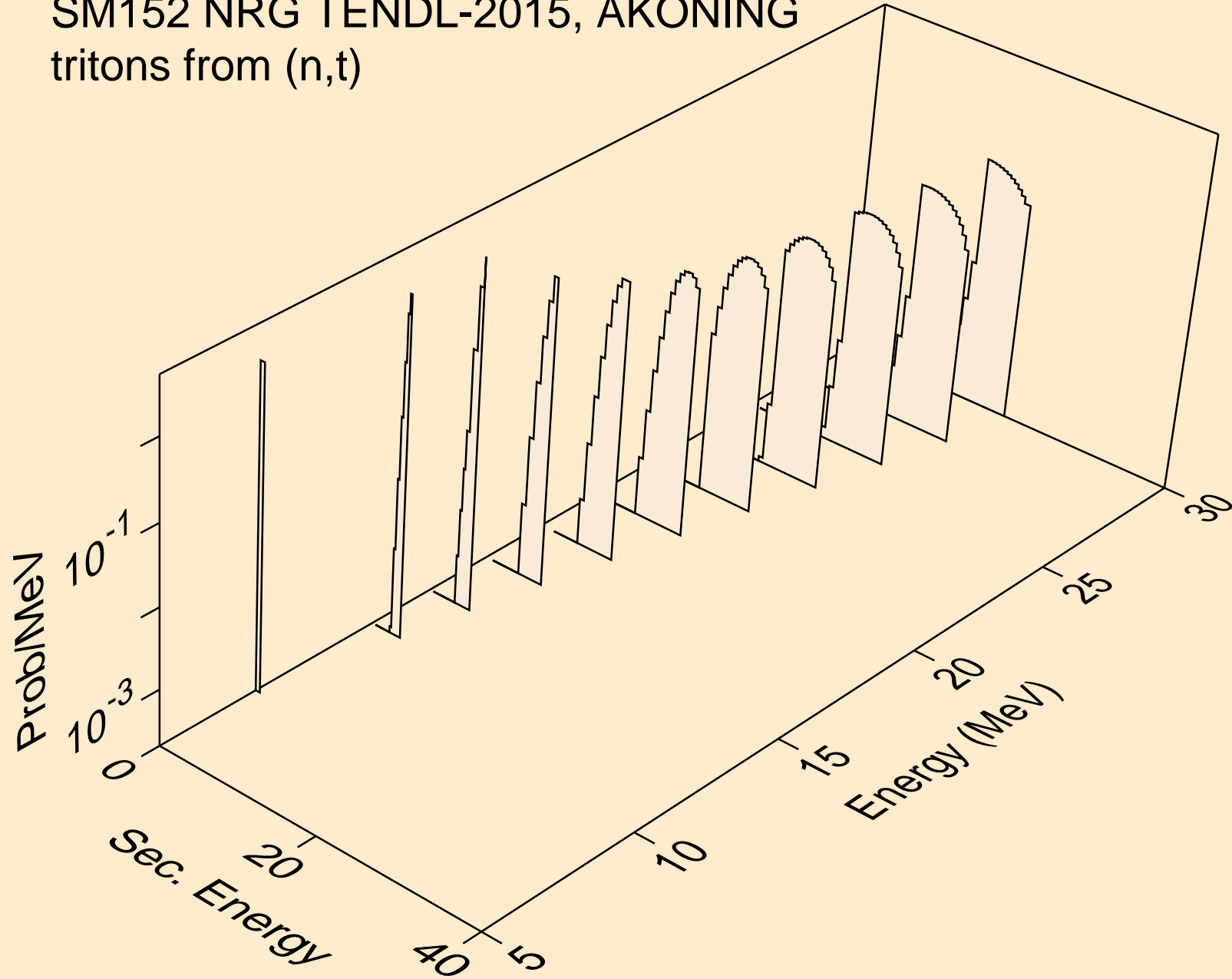


SM152 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

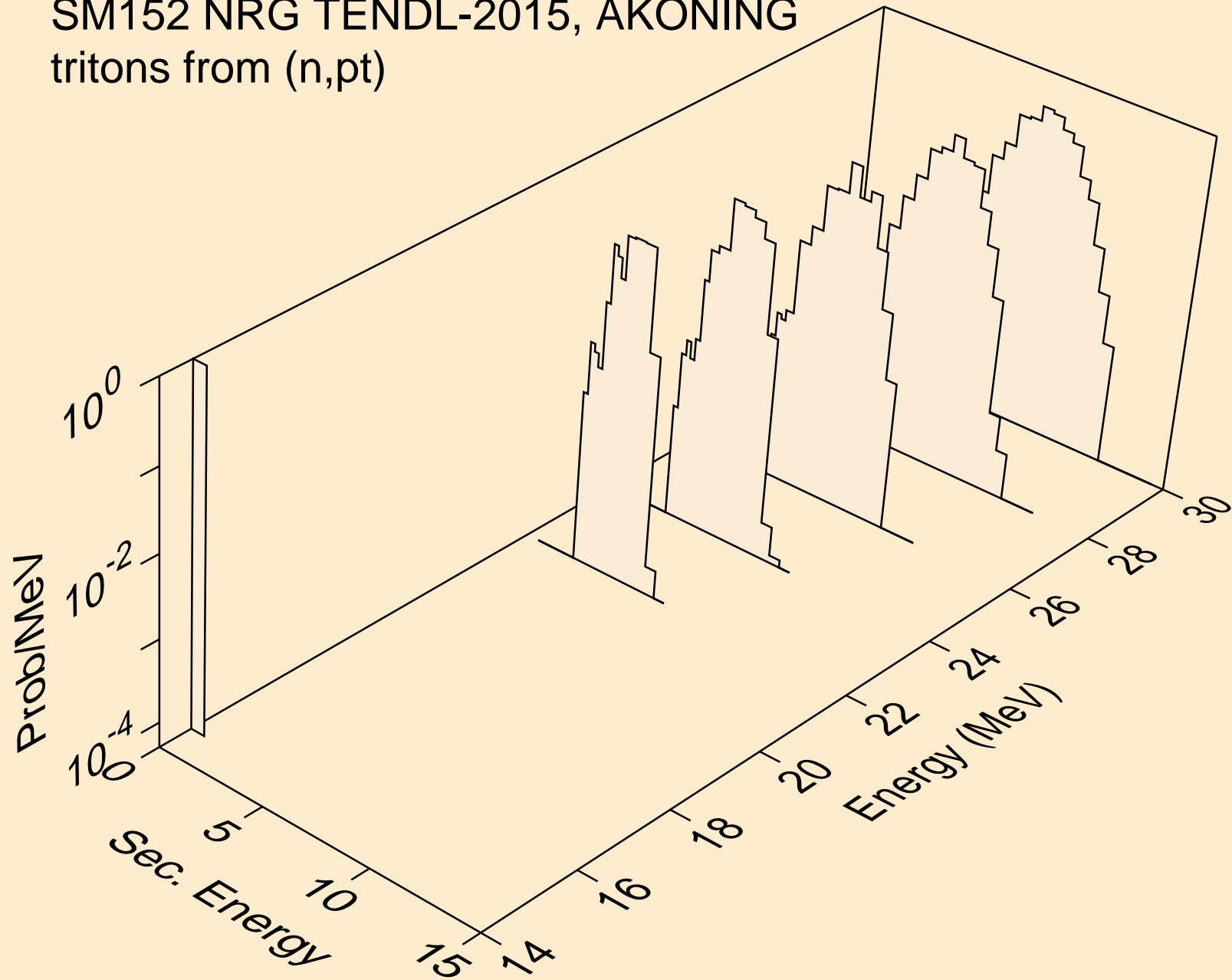




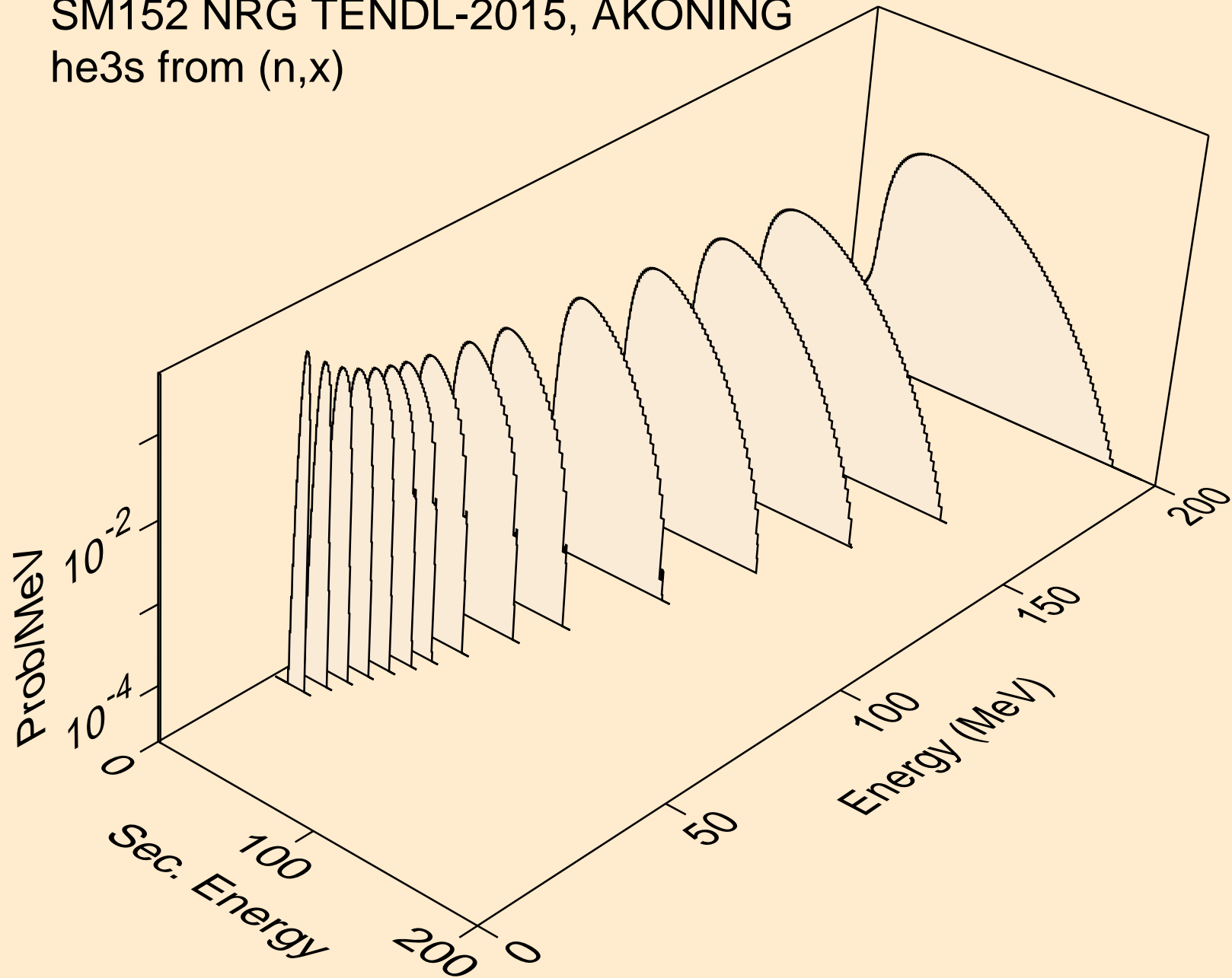
SM152 NRG TENDL-2015, AKONING  
tritons from (n,t)



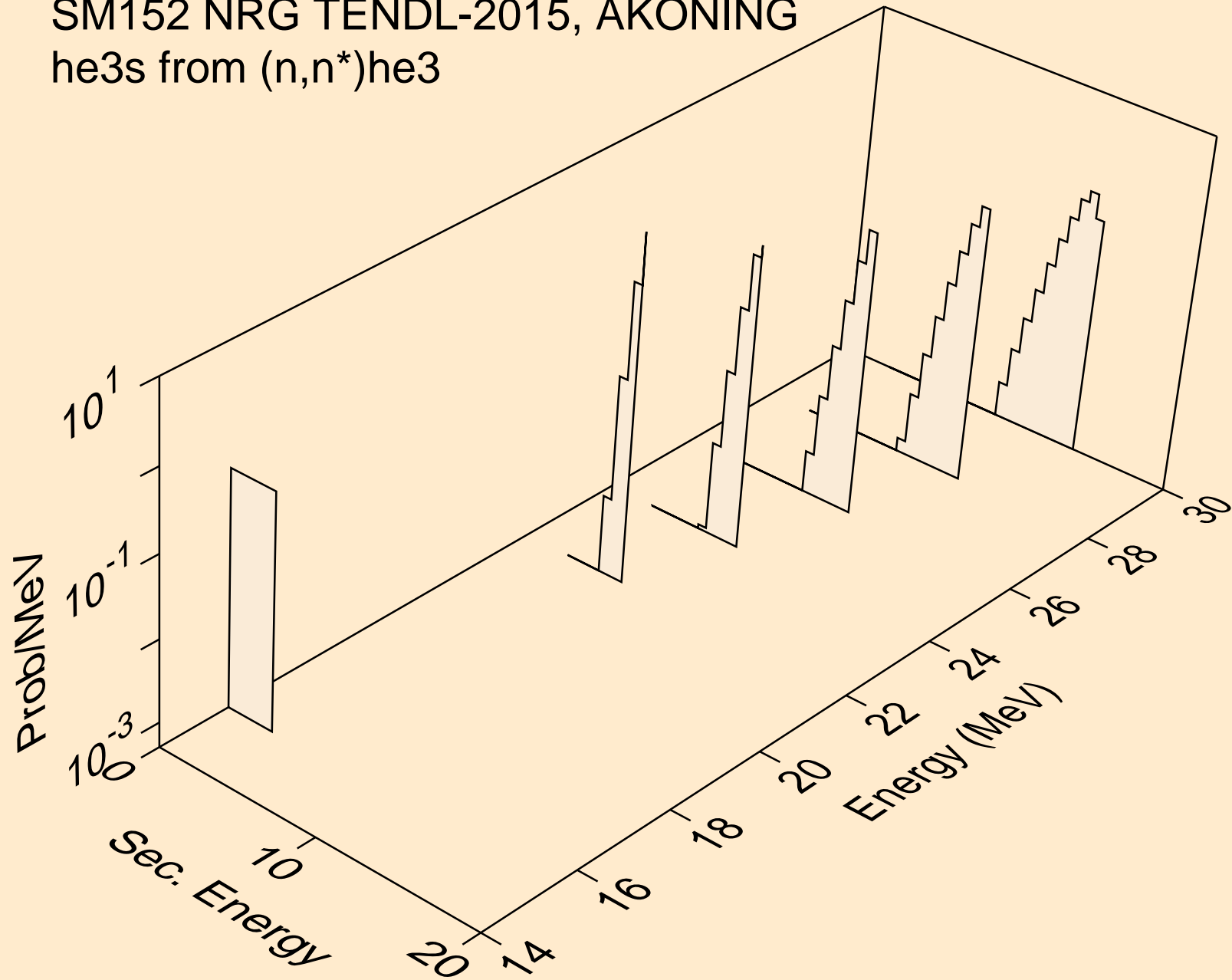
SM152 NRG TENDL-2015, AKONING  
tritons from (n,pt)



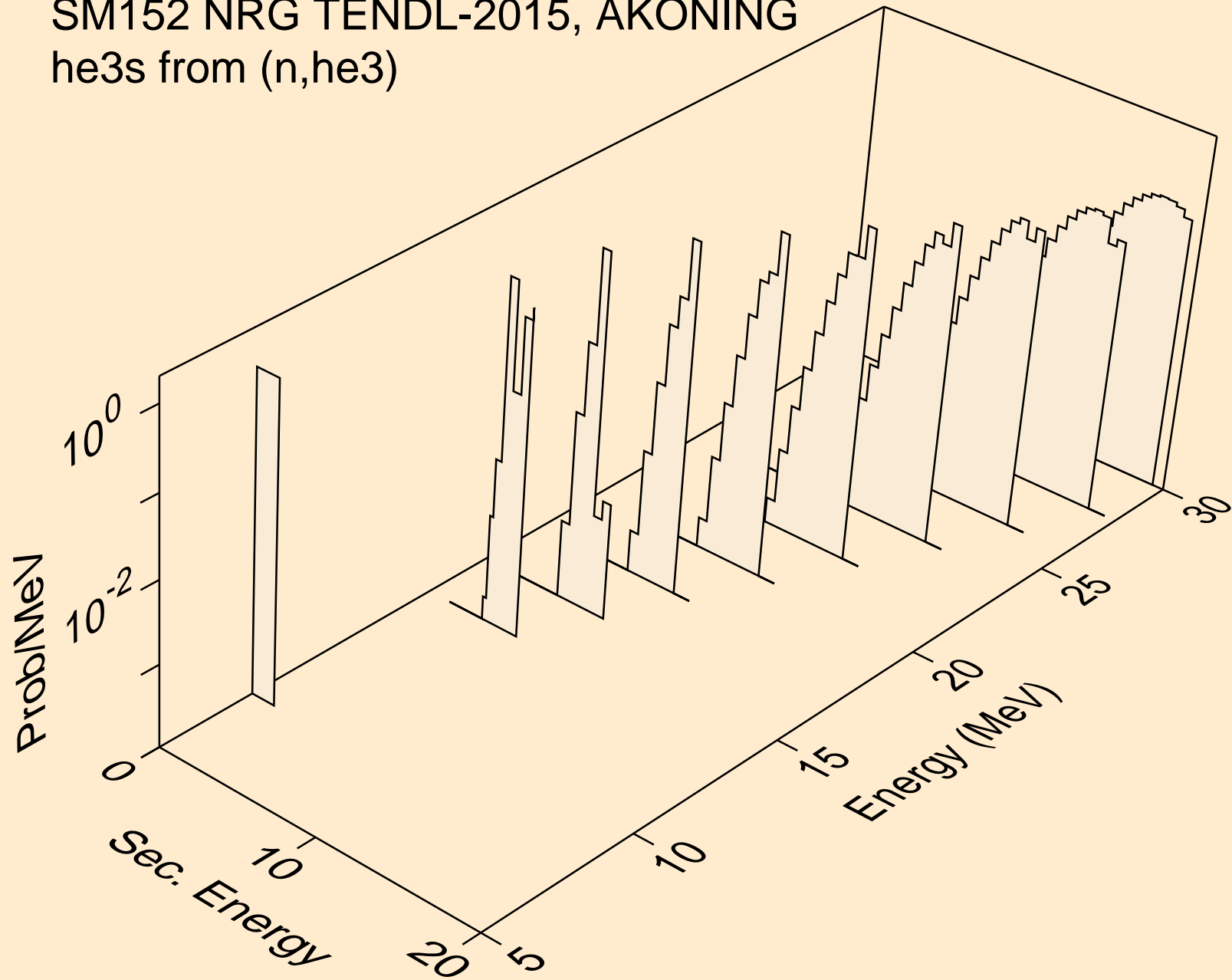
SM152 NRG TENDL-2015, AKONING  
he3s from (n,x)



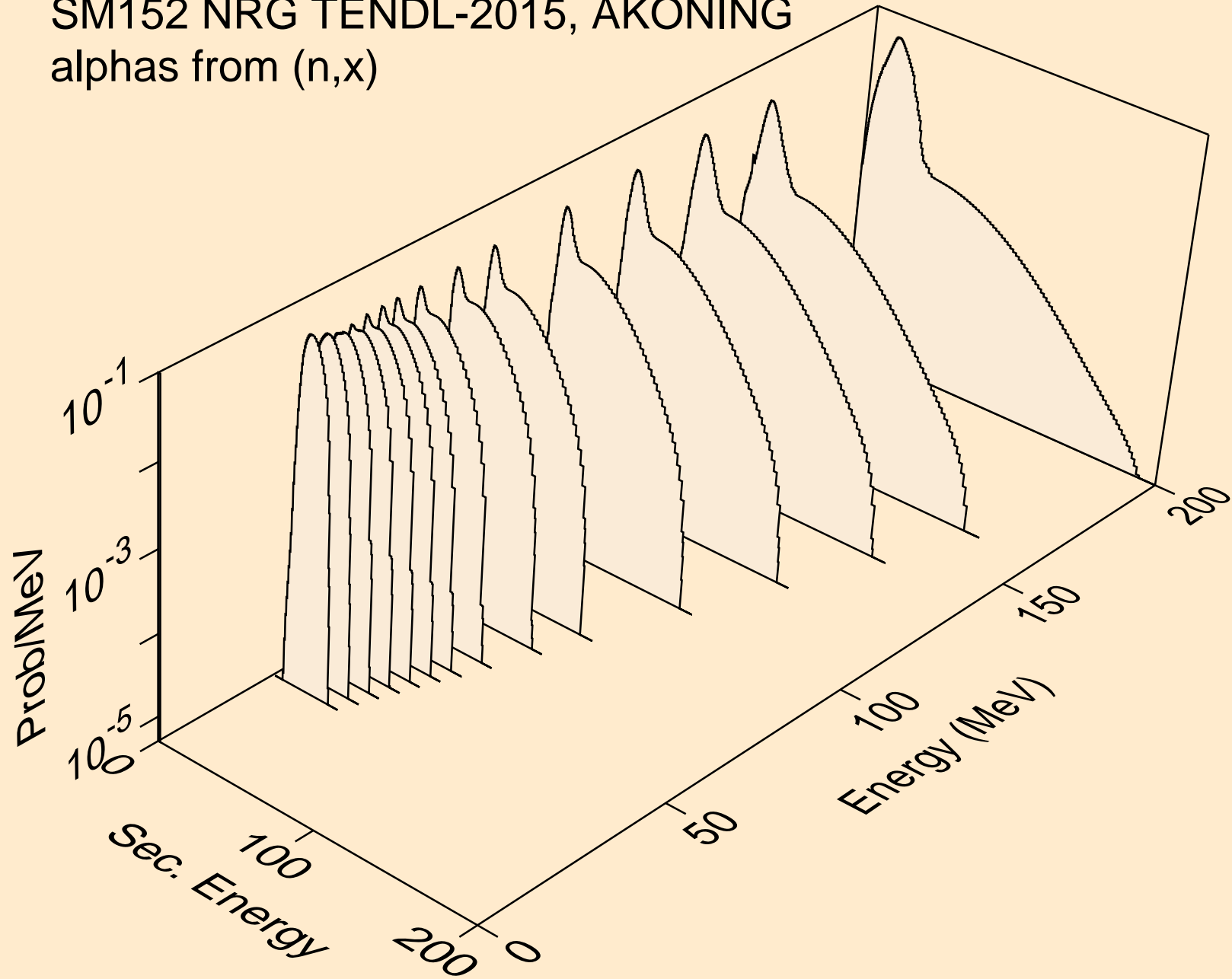
SM152 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



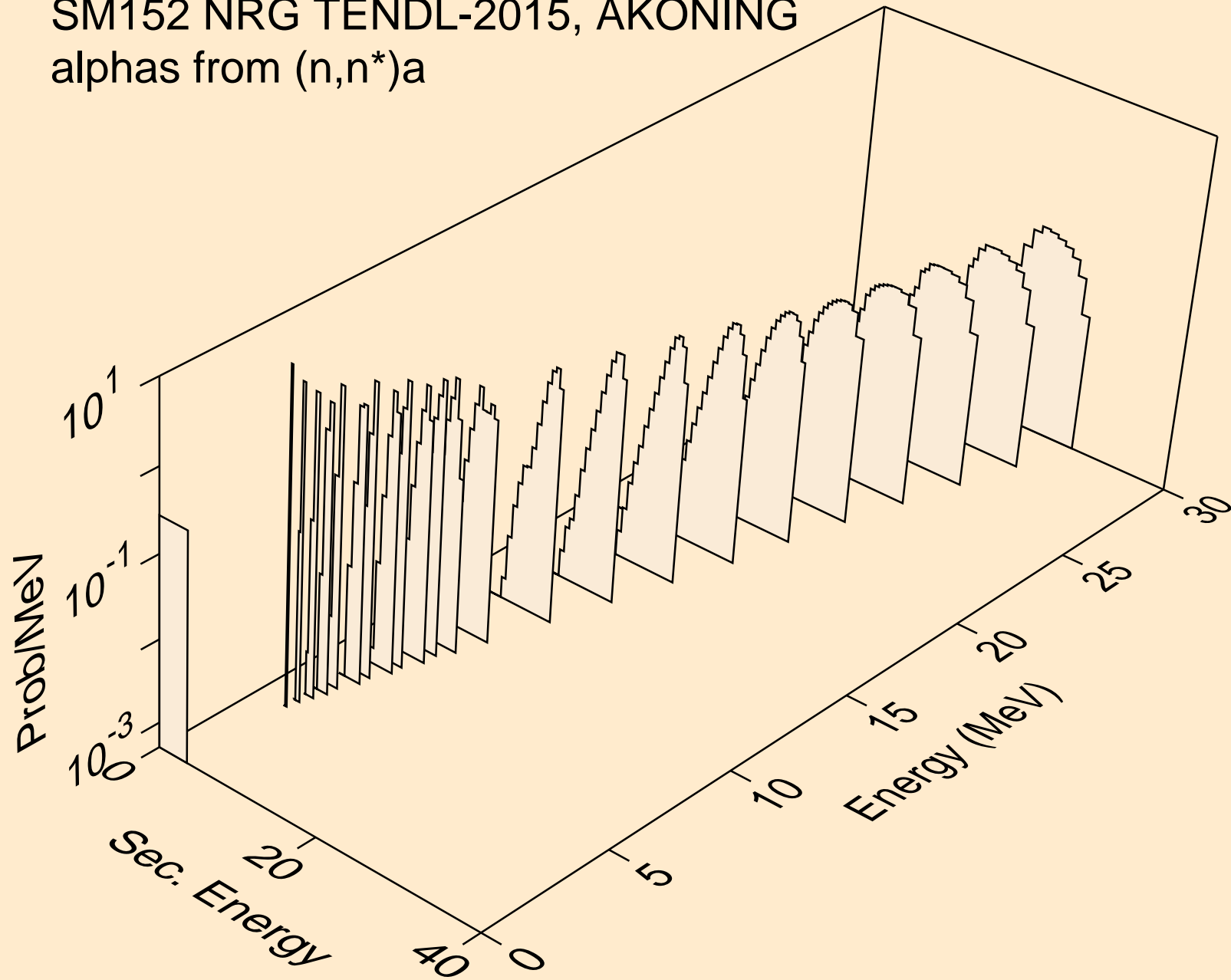
SM152 NRG TENDL-2015, AKONING  
he3s from (n,he3)



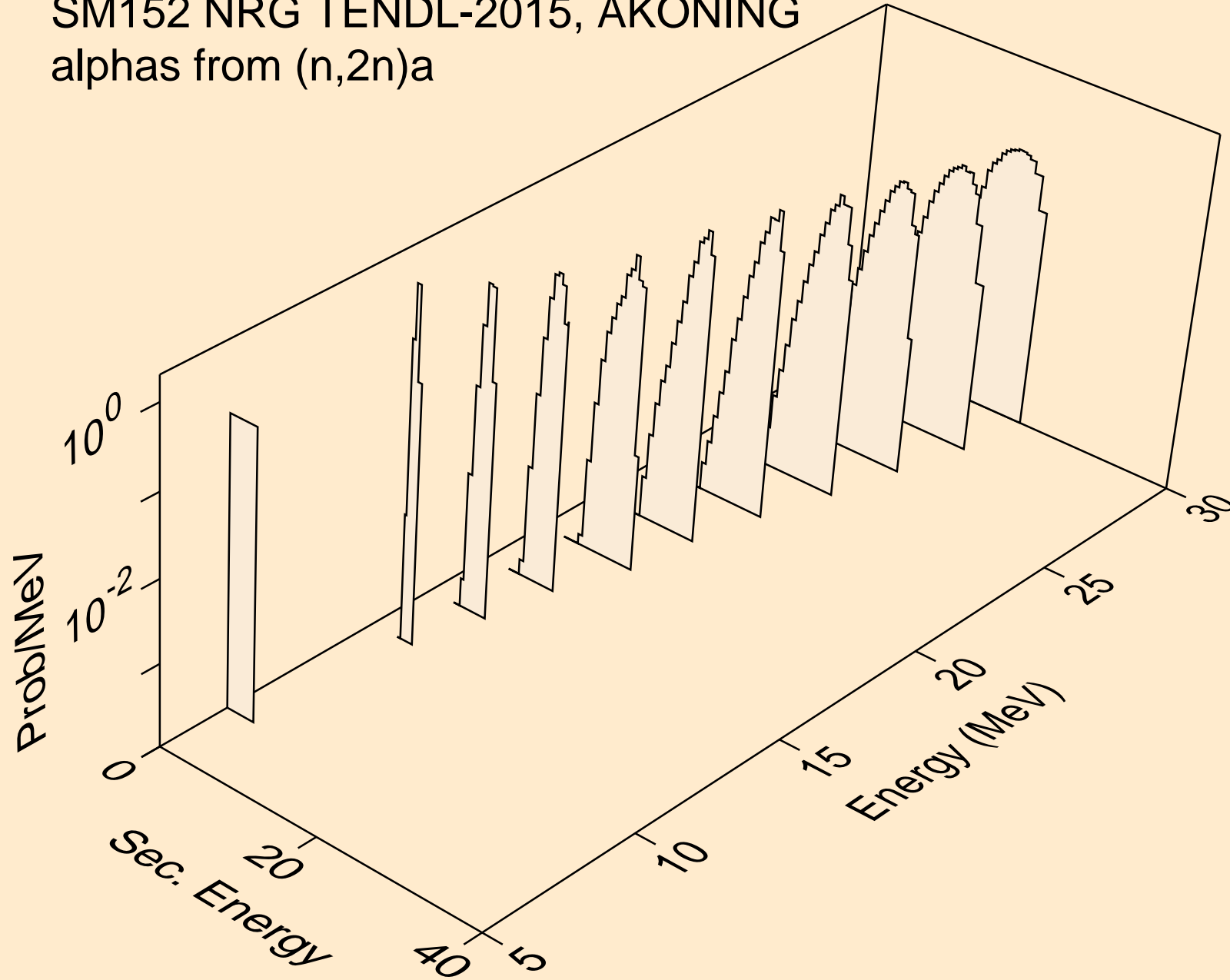
SM152 NRG TENDL-2015, AKONING  
alphas from (n,x)



SM152 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

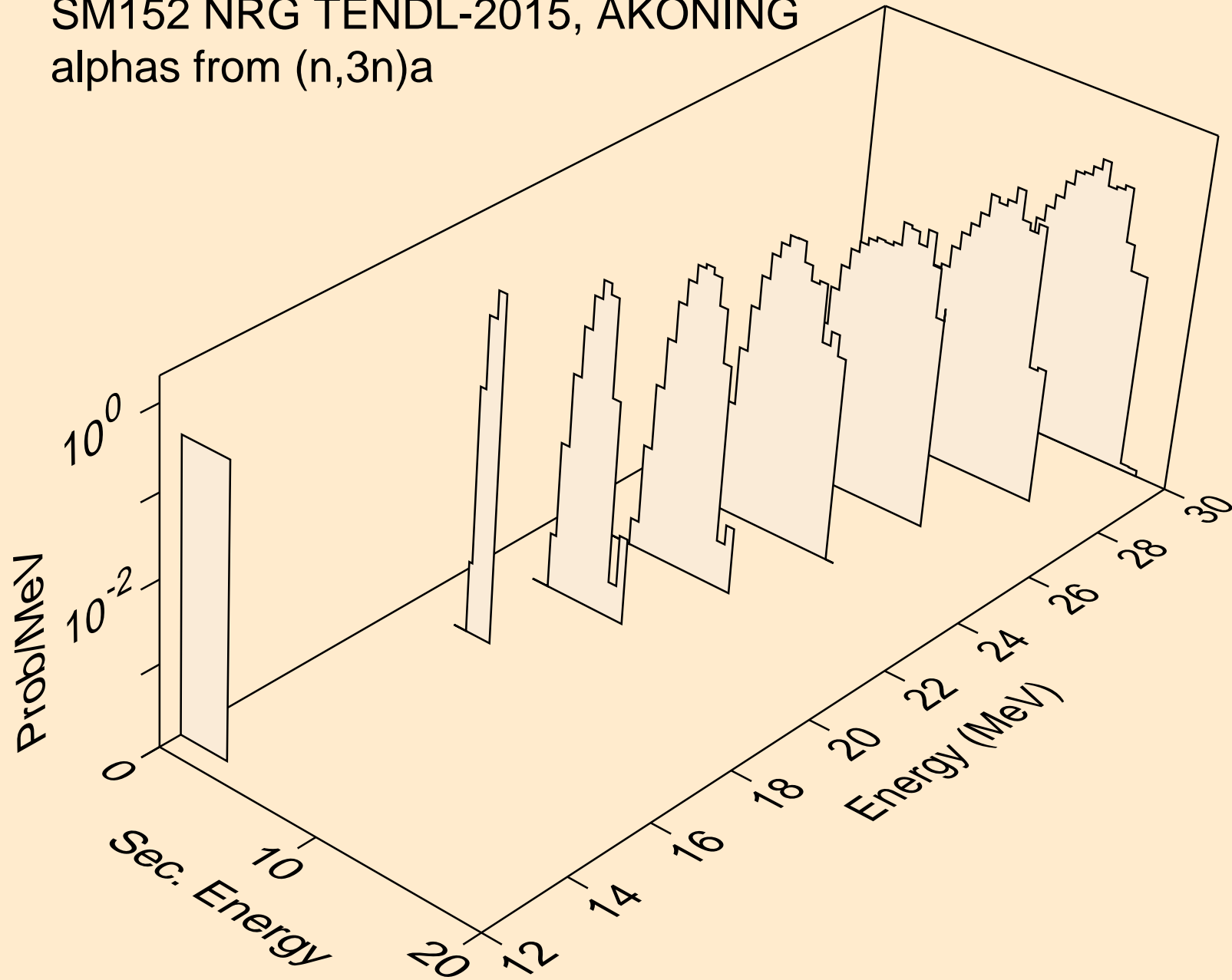


SM152 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

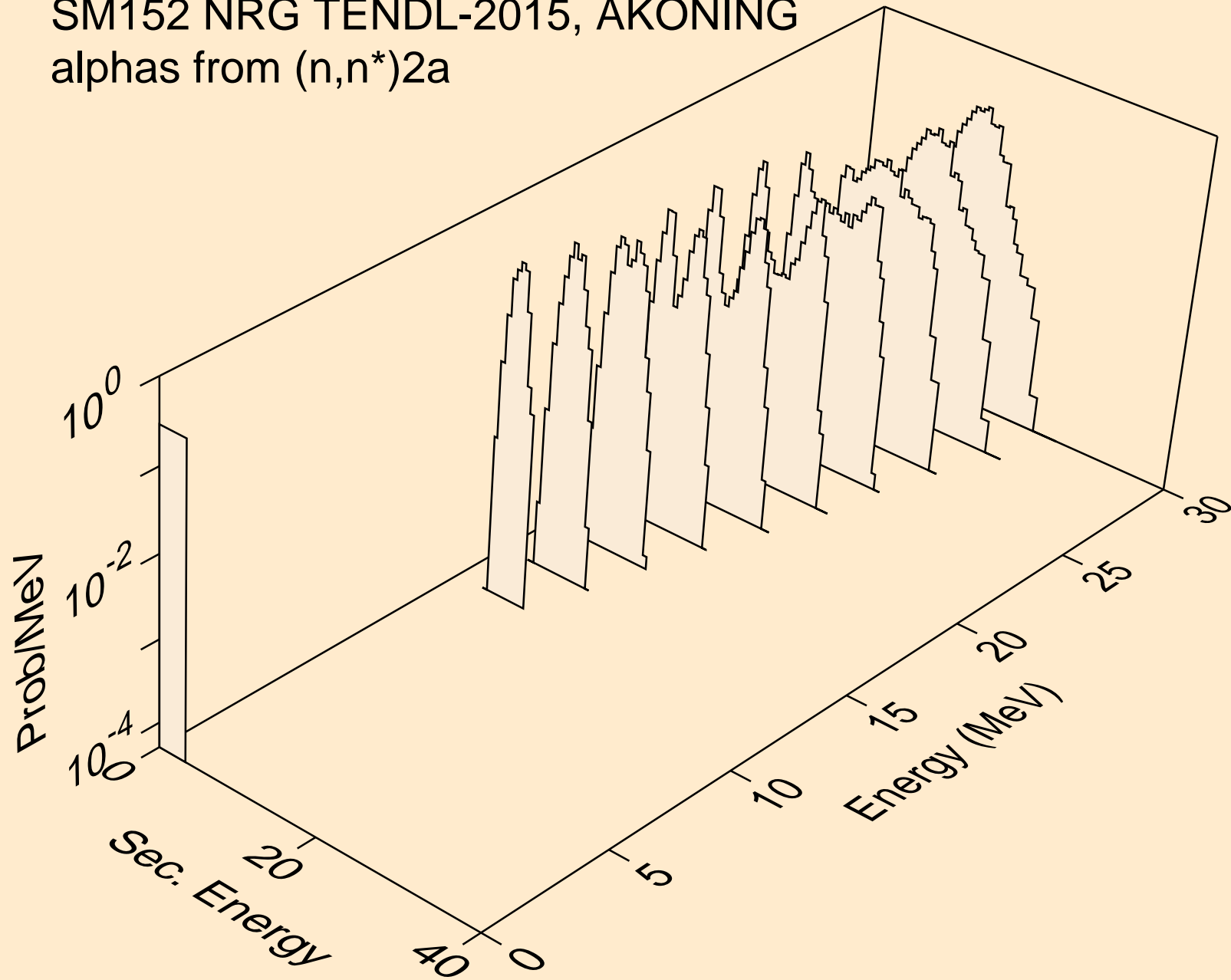




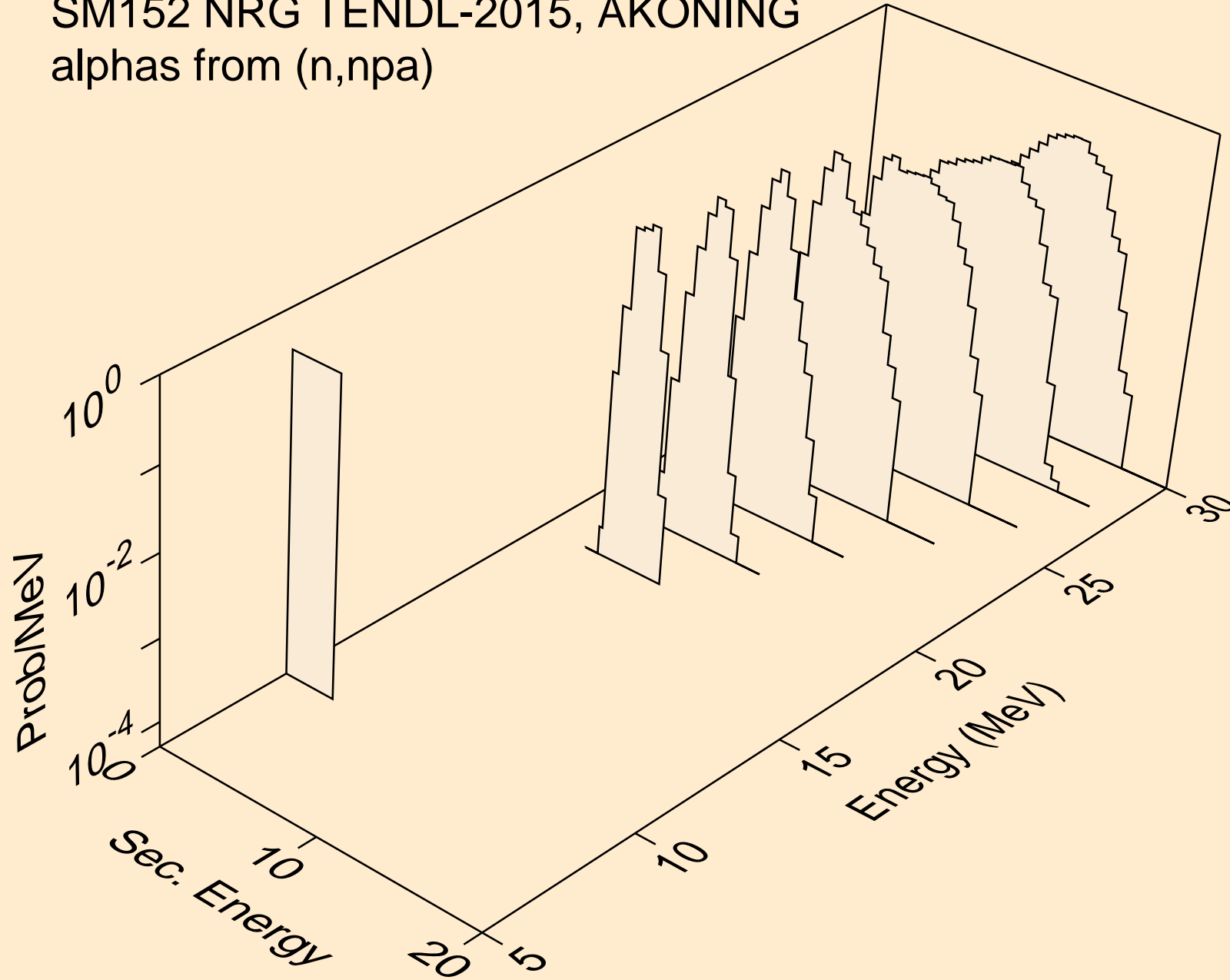
SM152 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



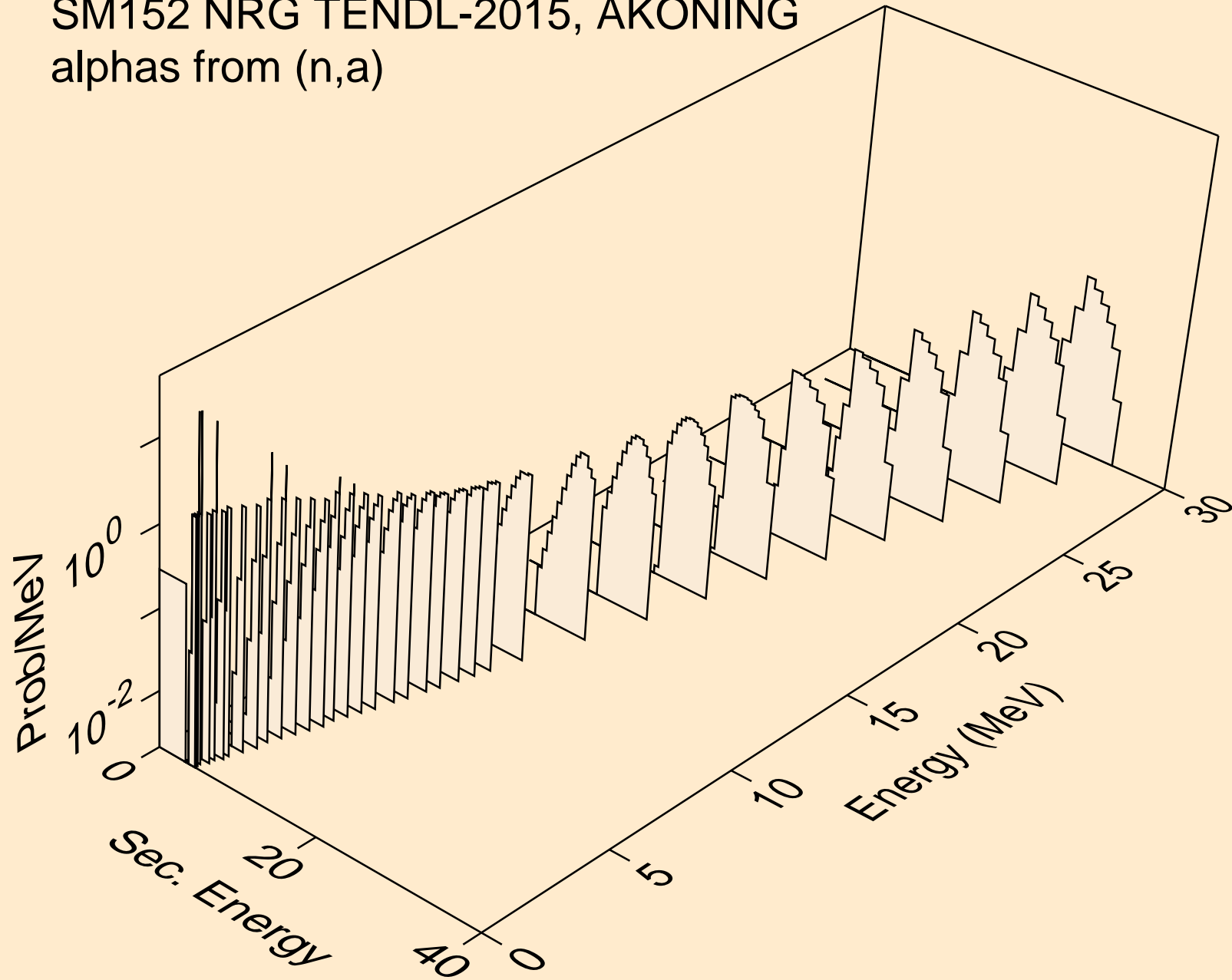
SM152 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



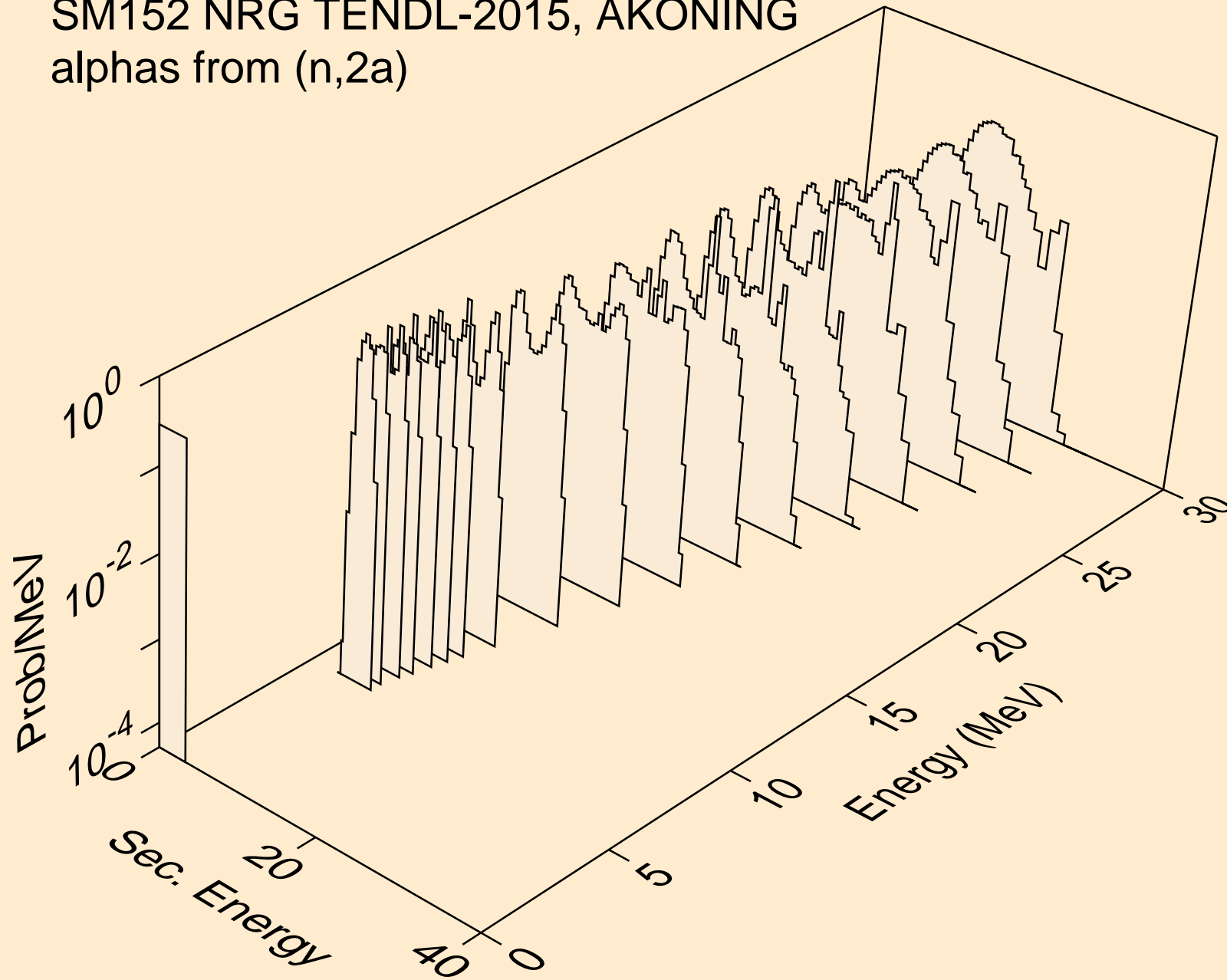
SM152 NRG TENDL-2015, AKONING  
alphas from (n,npa)



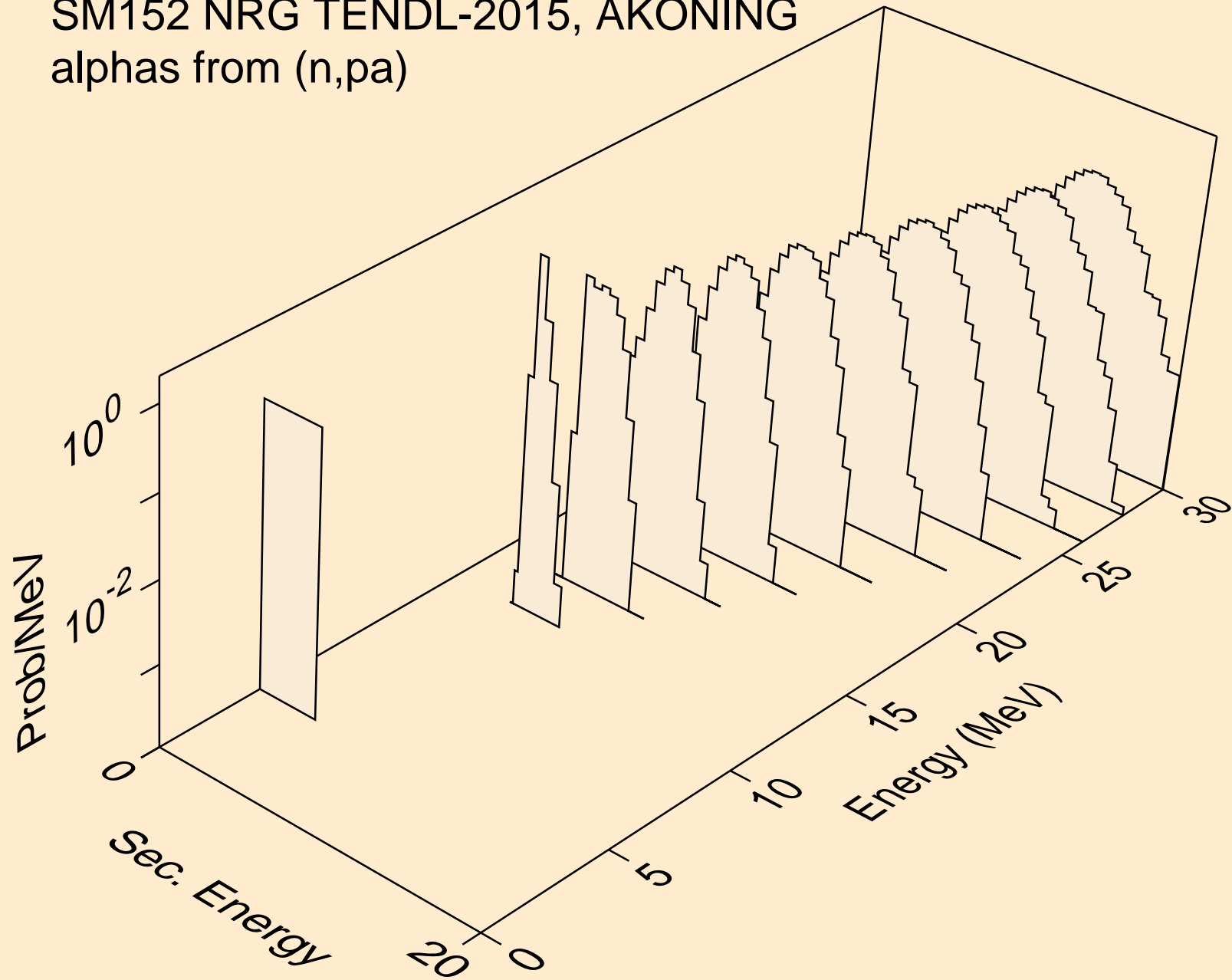
SM152 NRG TENDL-2015, AKONING  
alphas from (n,a)



SM152 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SM152 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SM152 NRG TENDL-2015, AKONING  
alphas from (n,da)

