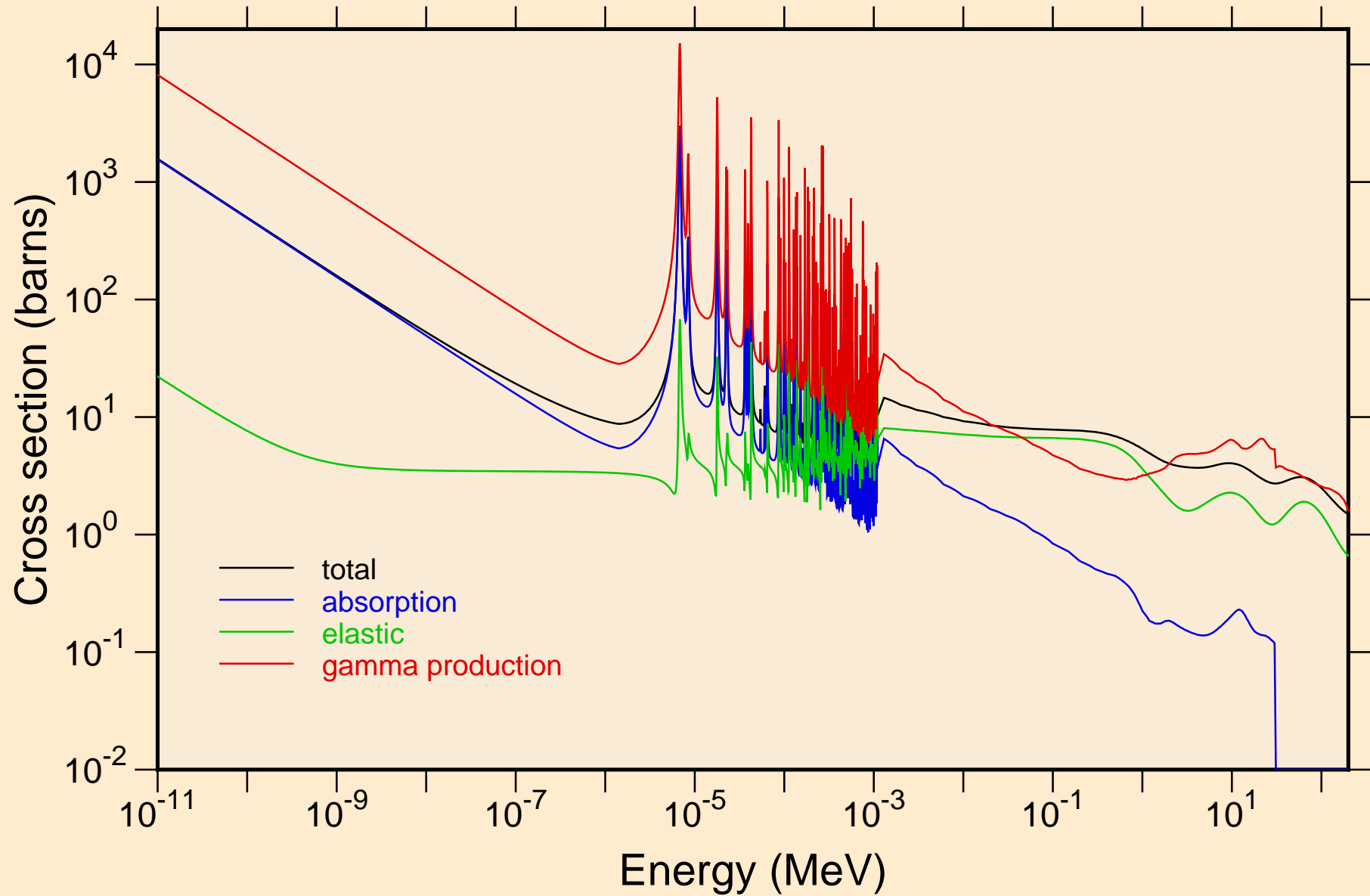
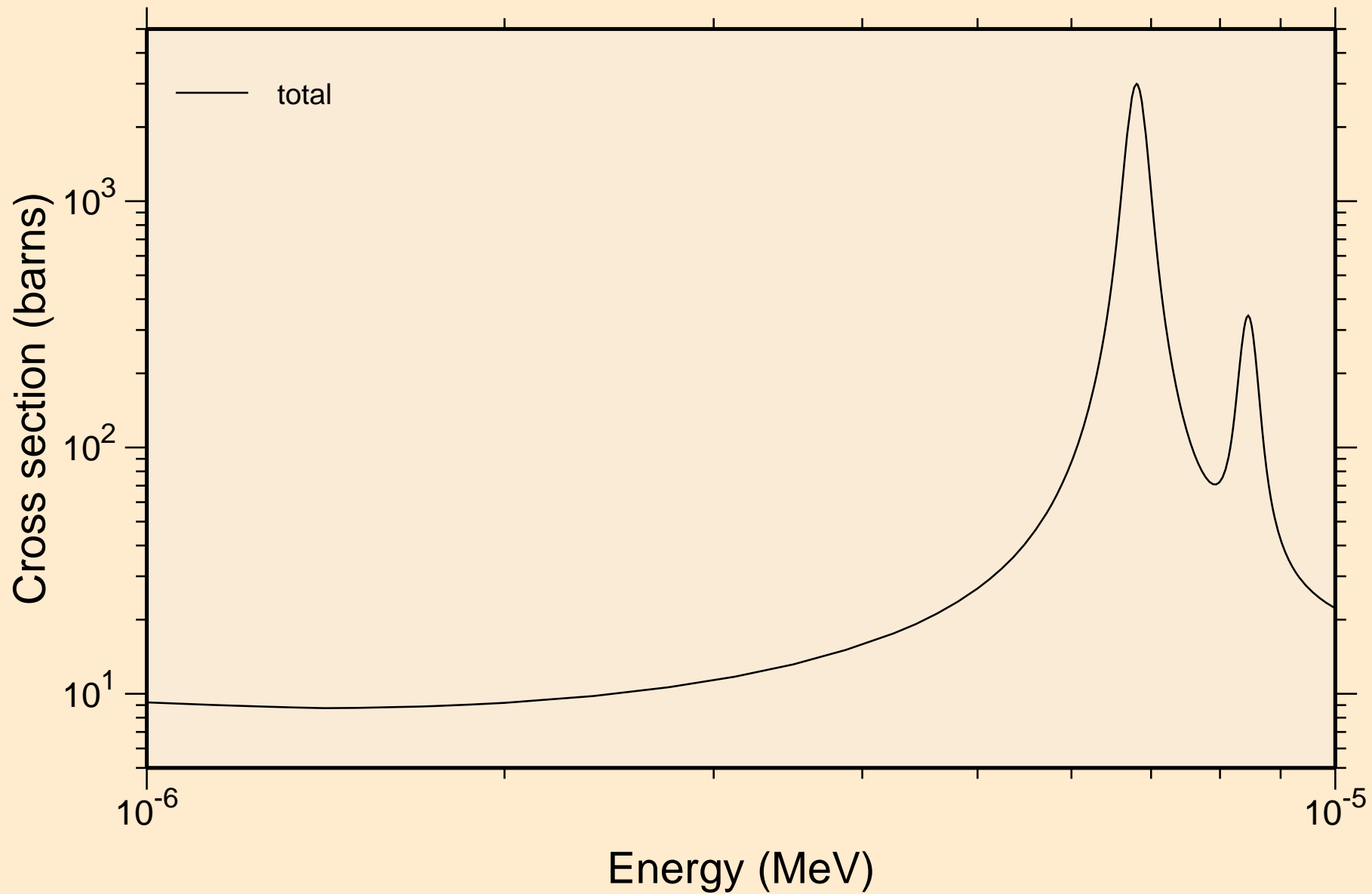


# SR083 NRG TENDL-2015, AKONING

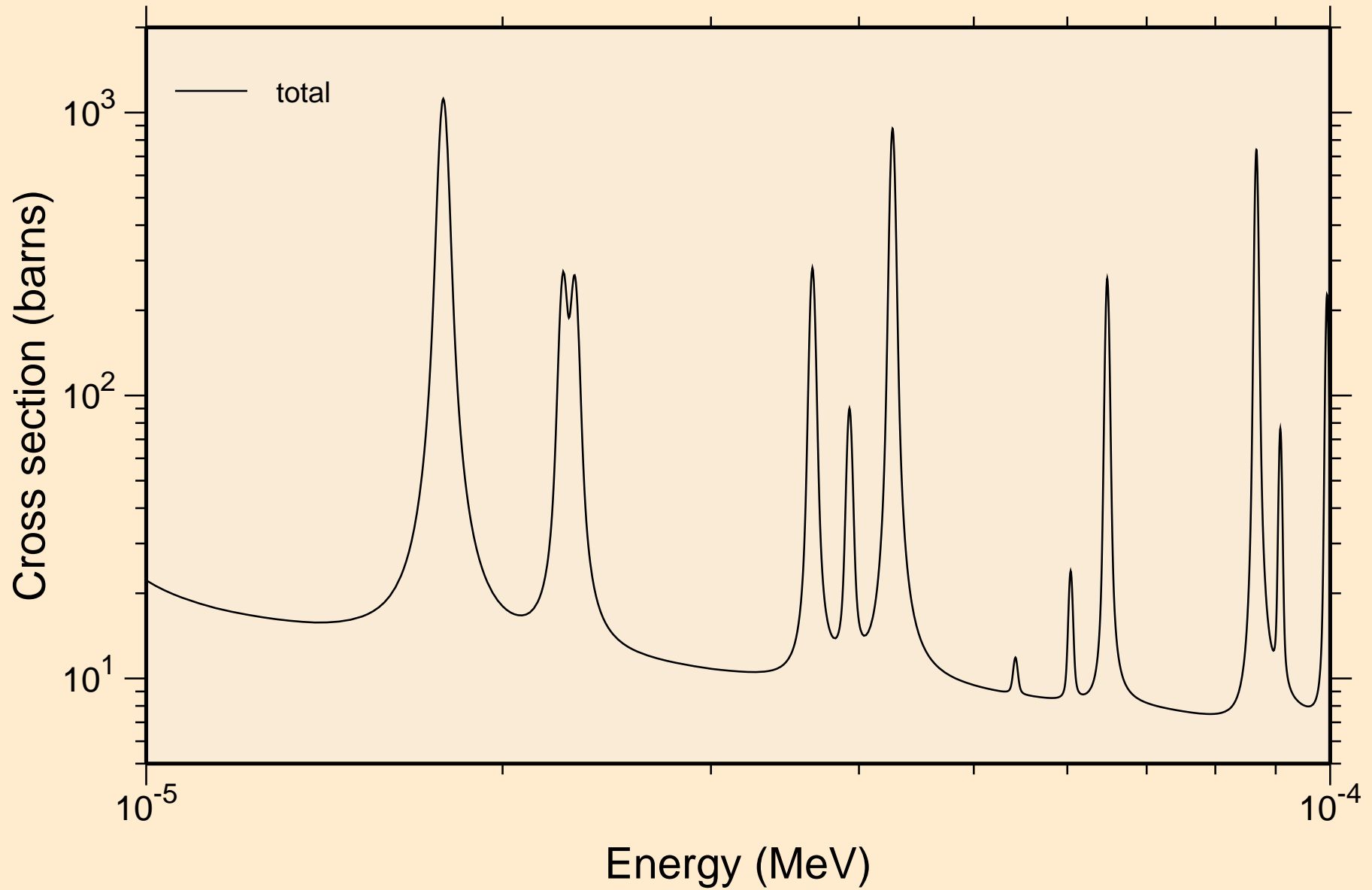
## Principal cross sections



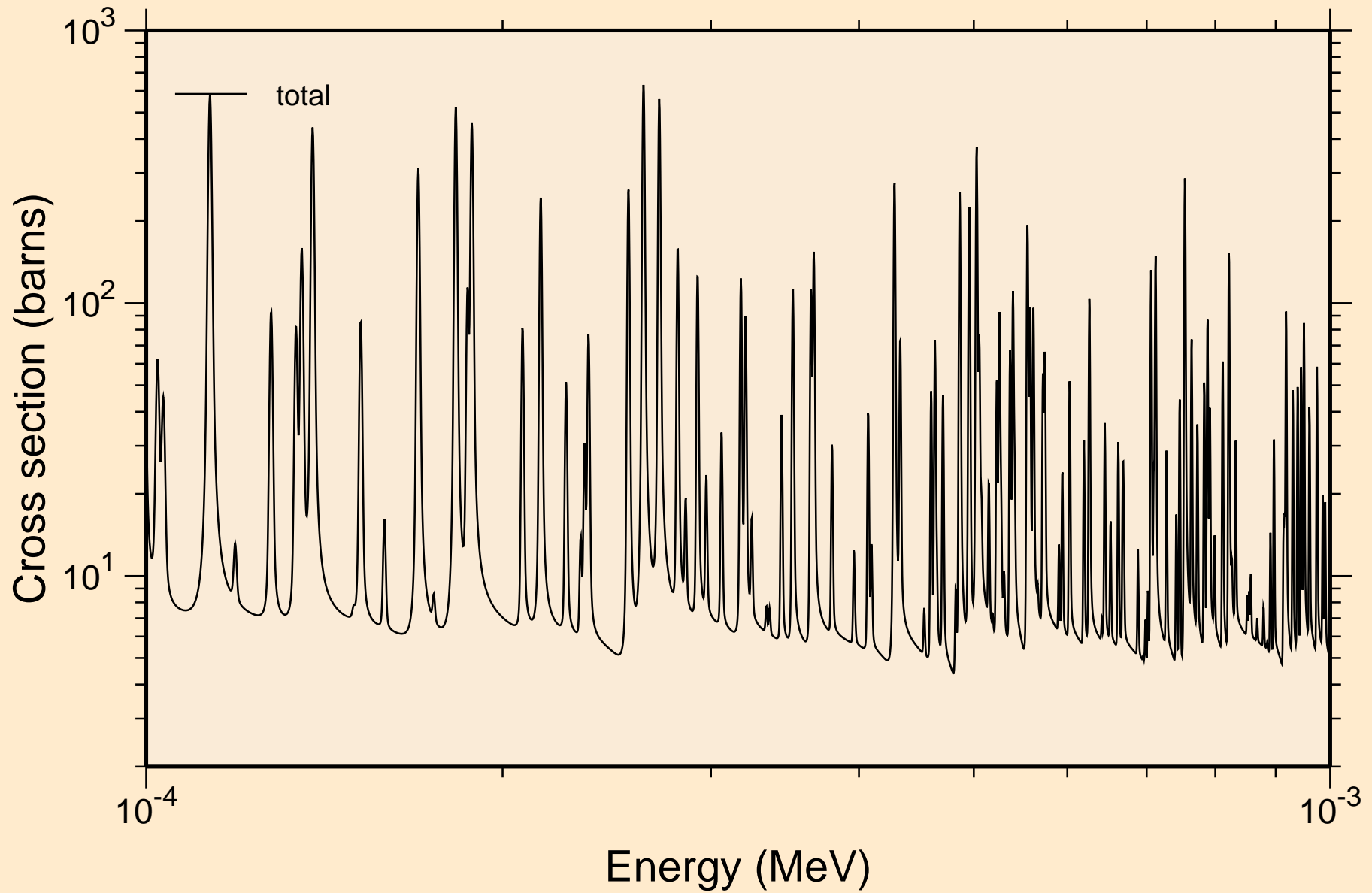
SR083 NRG TENDL-2015, AKONING  
resonance total cross section



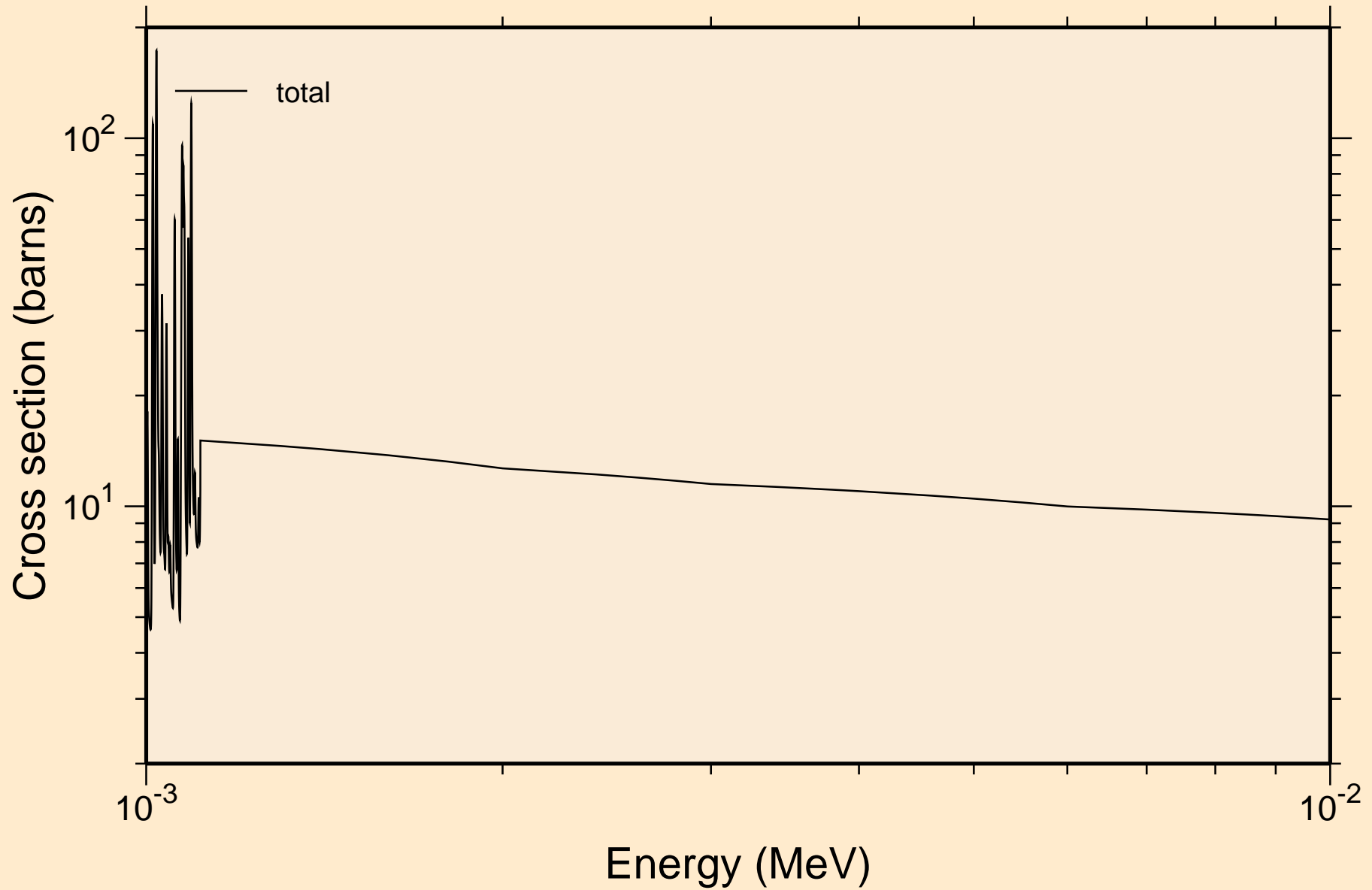
SR083 NRG TENDL-2015, AKONING  
resonance total cross section



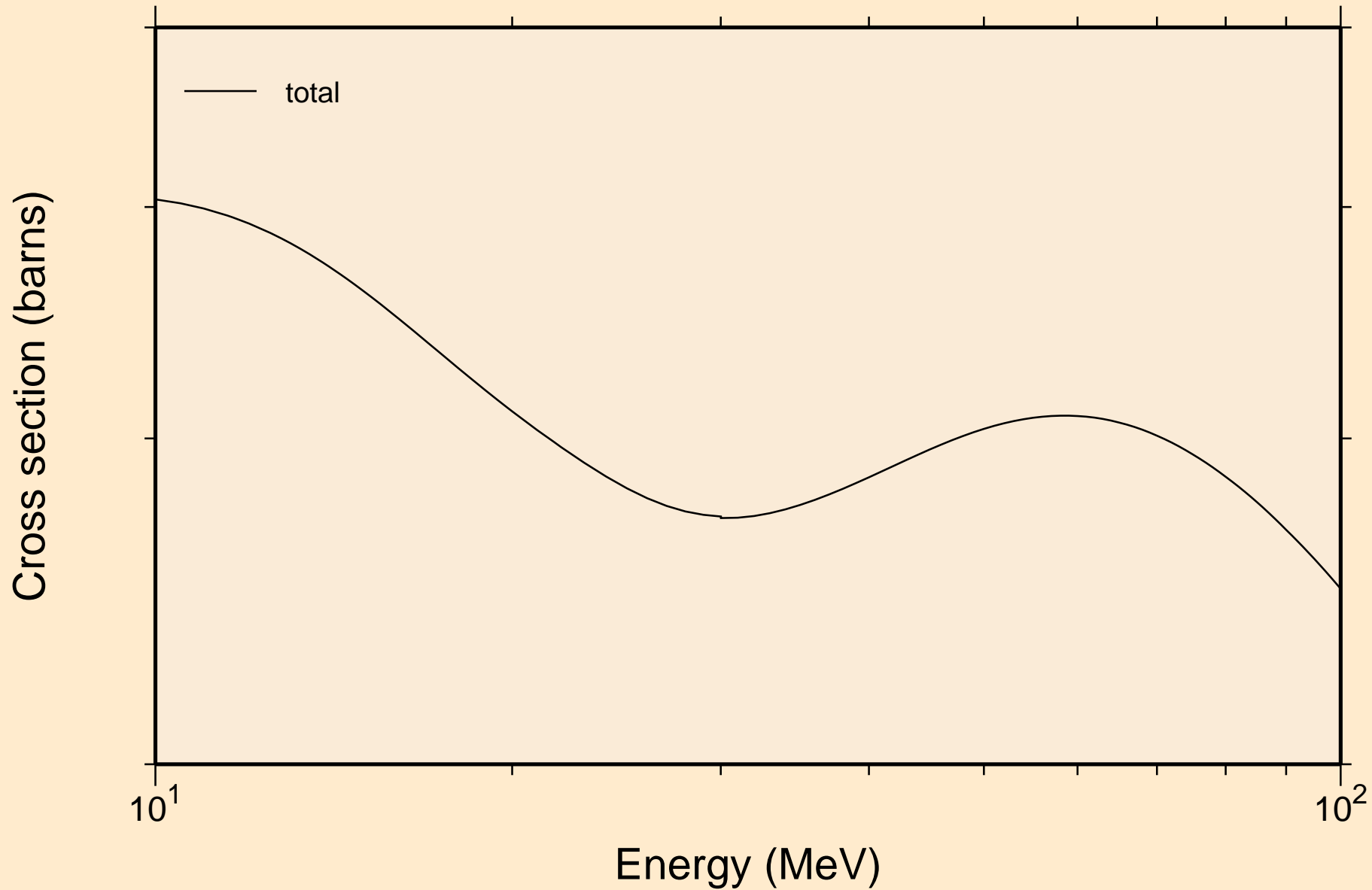
SR083 NRG TENDL-2015, AKONING  
resonance total cross section



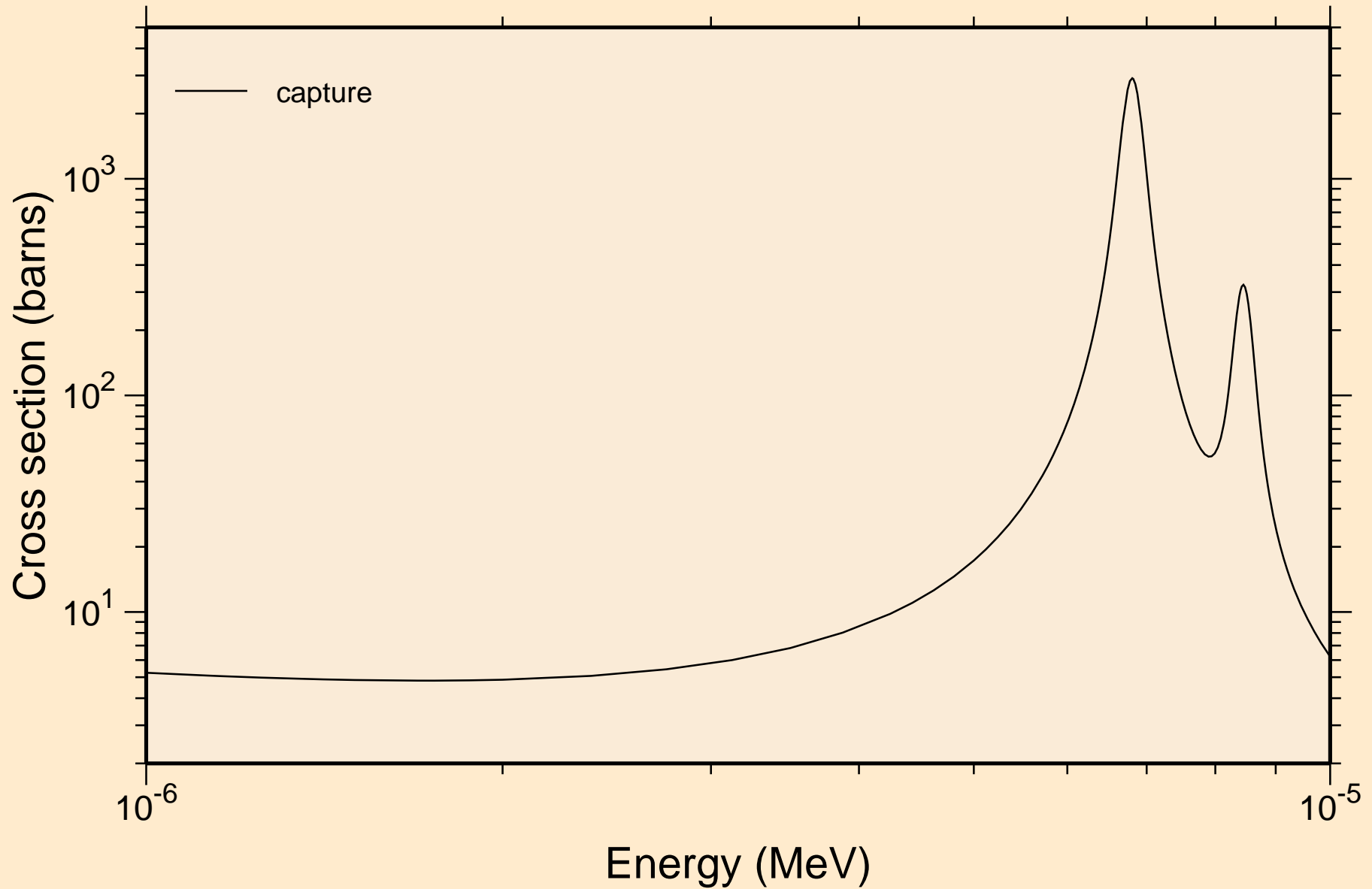
SR083 NRG TENDL-2015, AKONING  
resonance total cross section



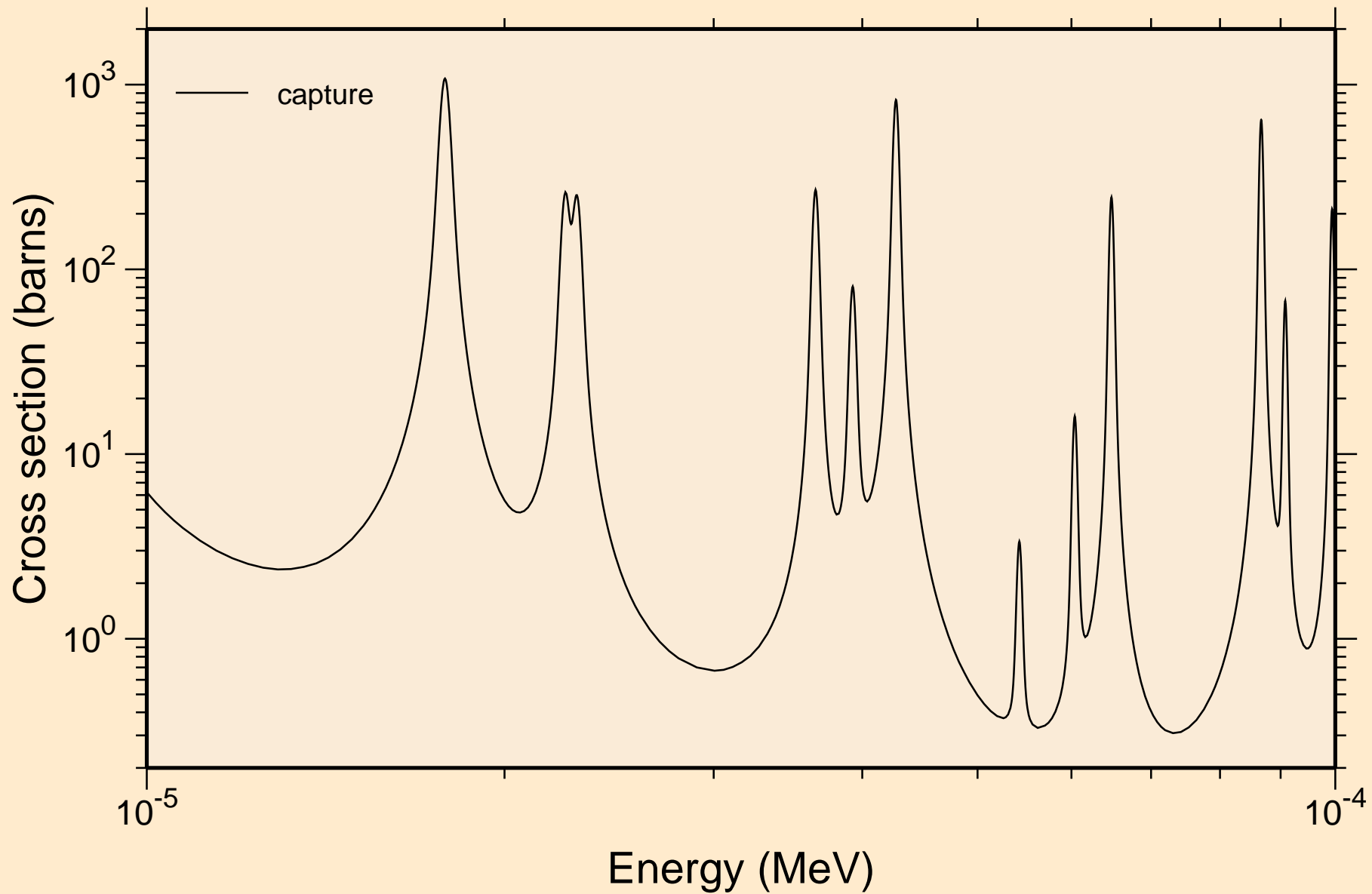
SR083 NRG TENDL-2015, AKONING  
resonance total cross section



SR083 NRG TENDL-2015, AKONING  
resonance absorption cross sections

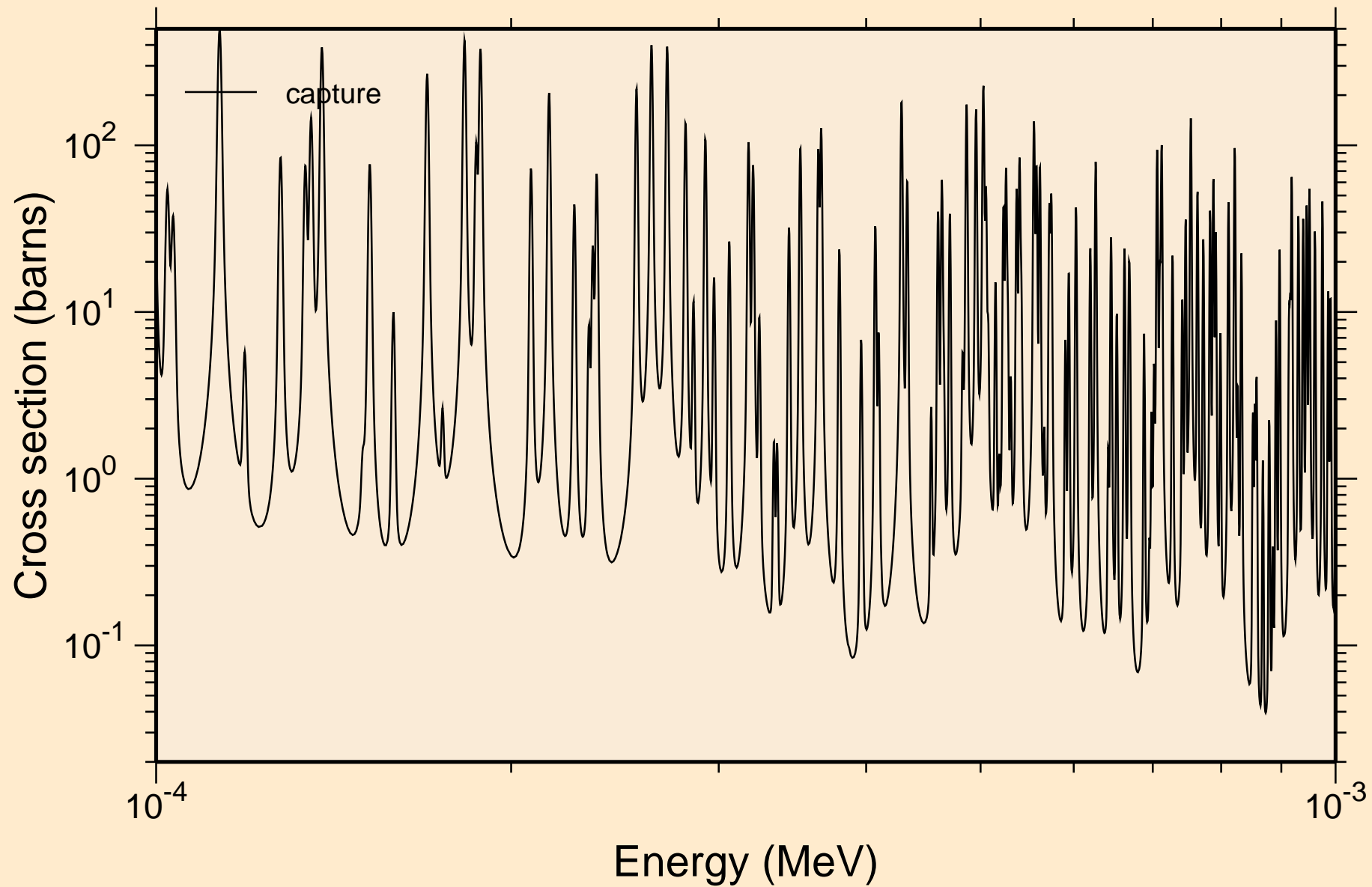


SR083 NRG TENDL-2015, AKONING  
resonance absorption cross sections

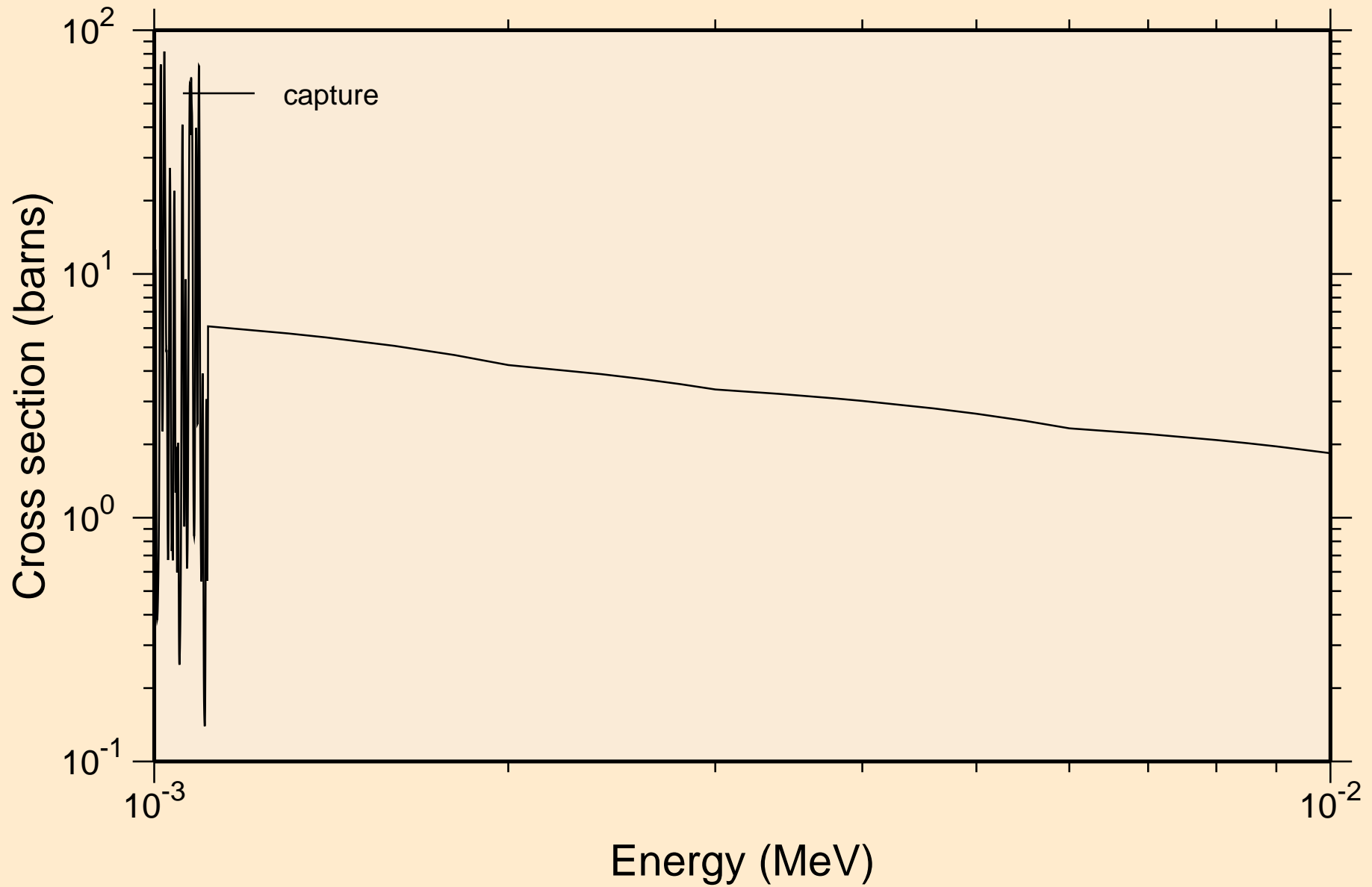




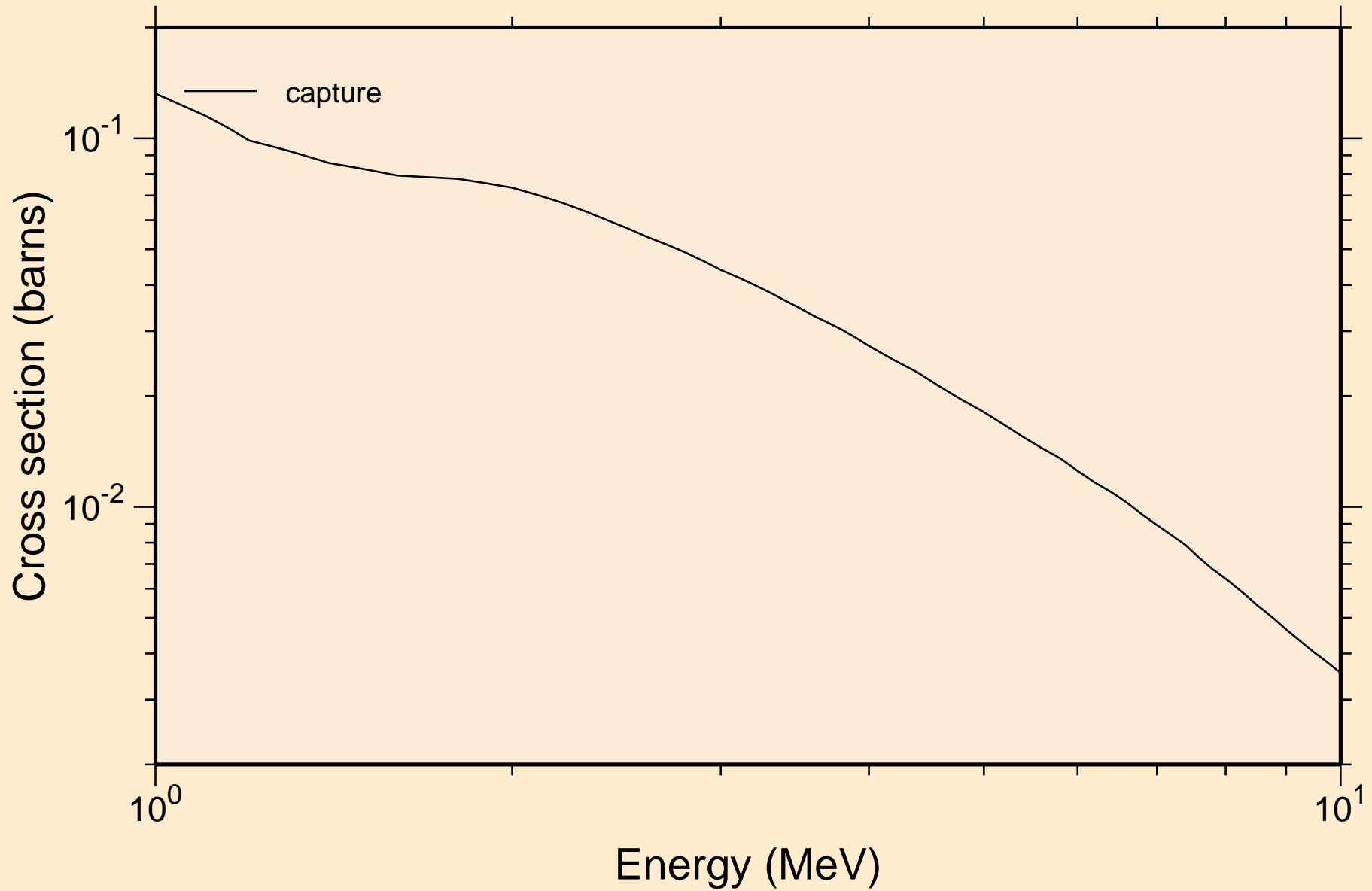
SR083 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SR083 NRG TENDL-2015, AKONING  
resonance absorption cross sections

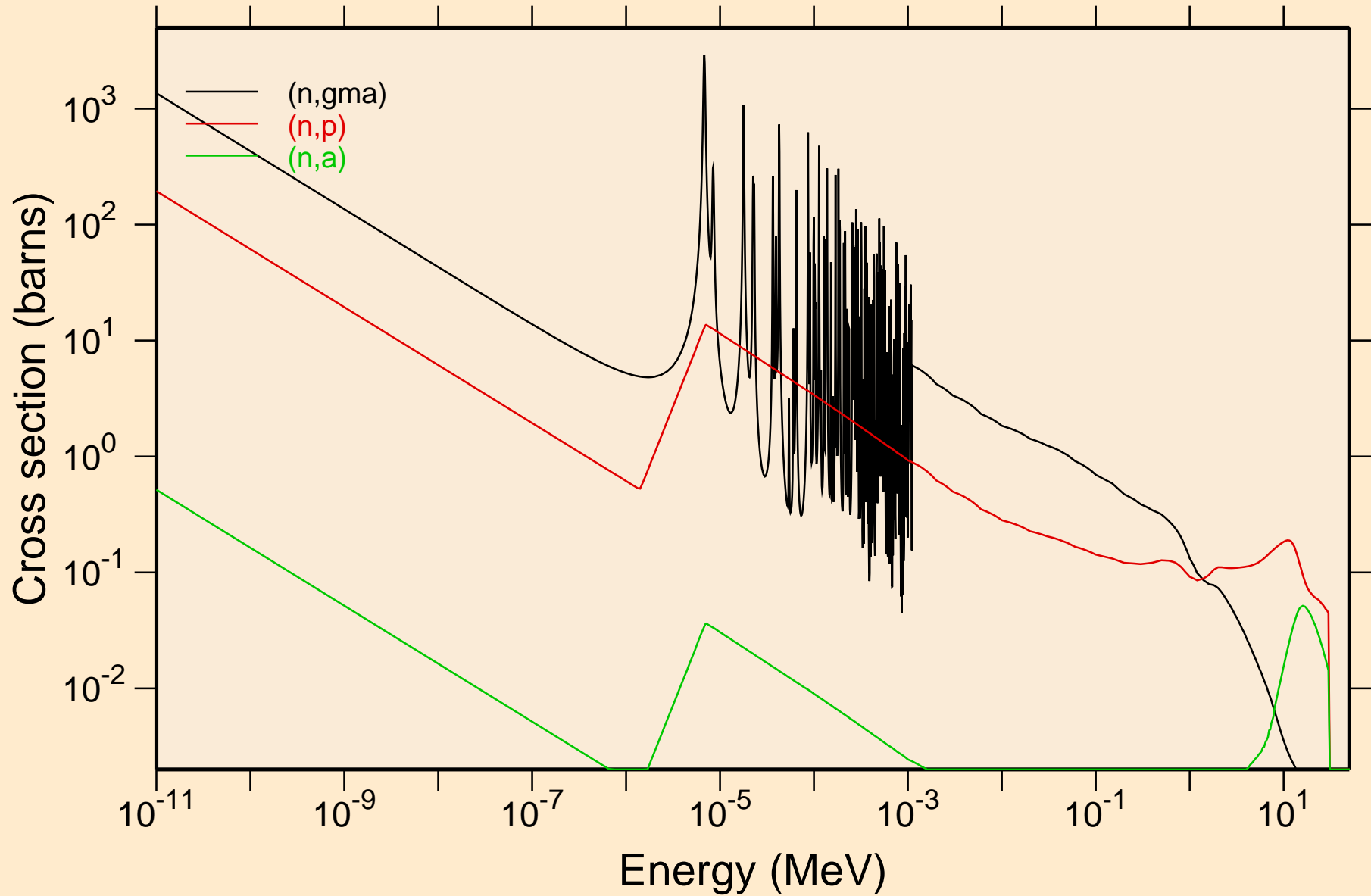


SR083 NRG TENDL-2015, AKONING  
resonance absorption cross sections



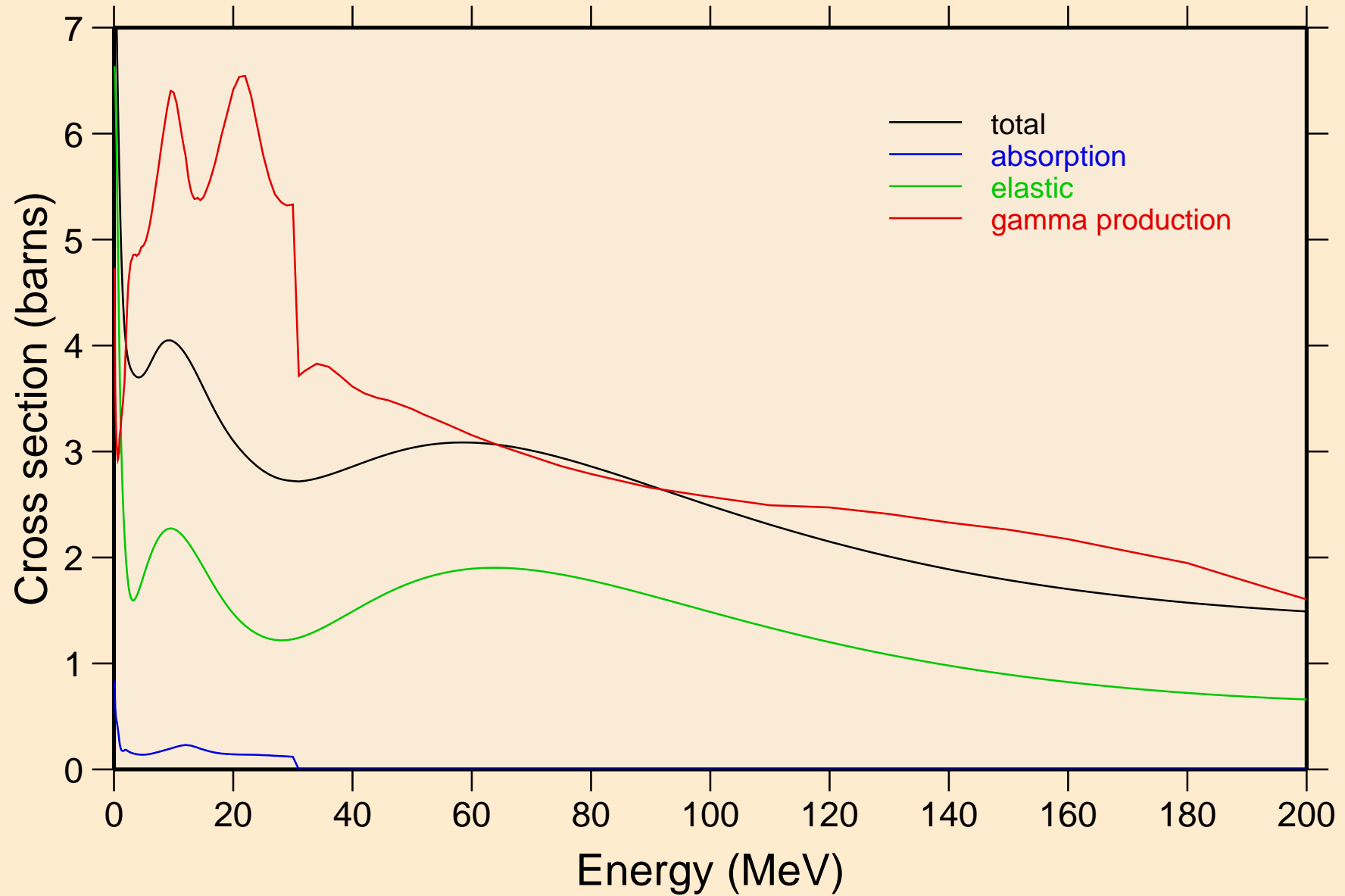
# SR083 NRG TENDL-2015, AKONING

## Non-threshold reactions



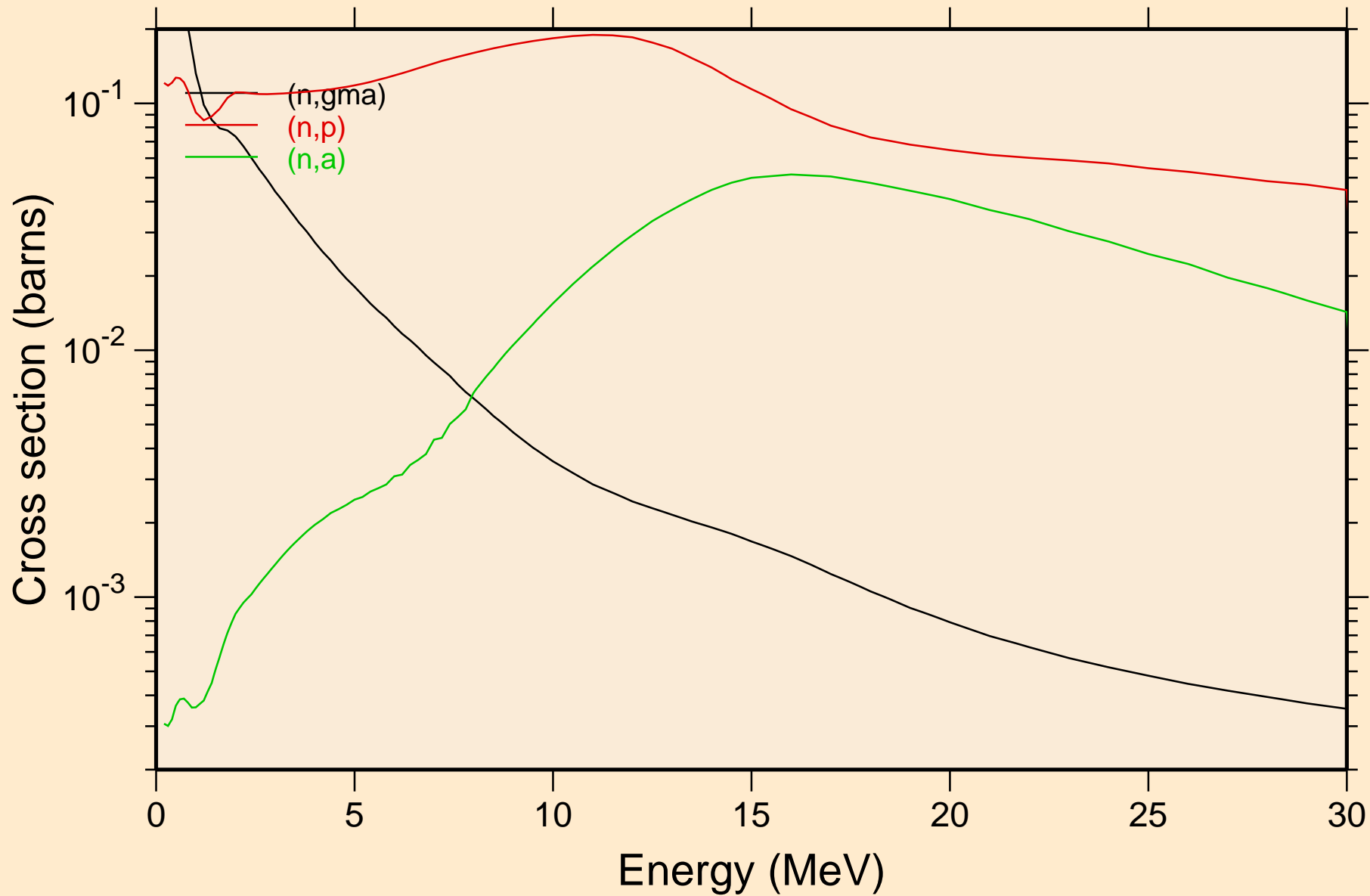
# SR083 NRG TENDL-2015, AKONING

## Principal cross sections



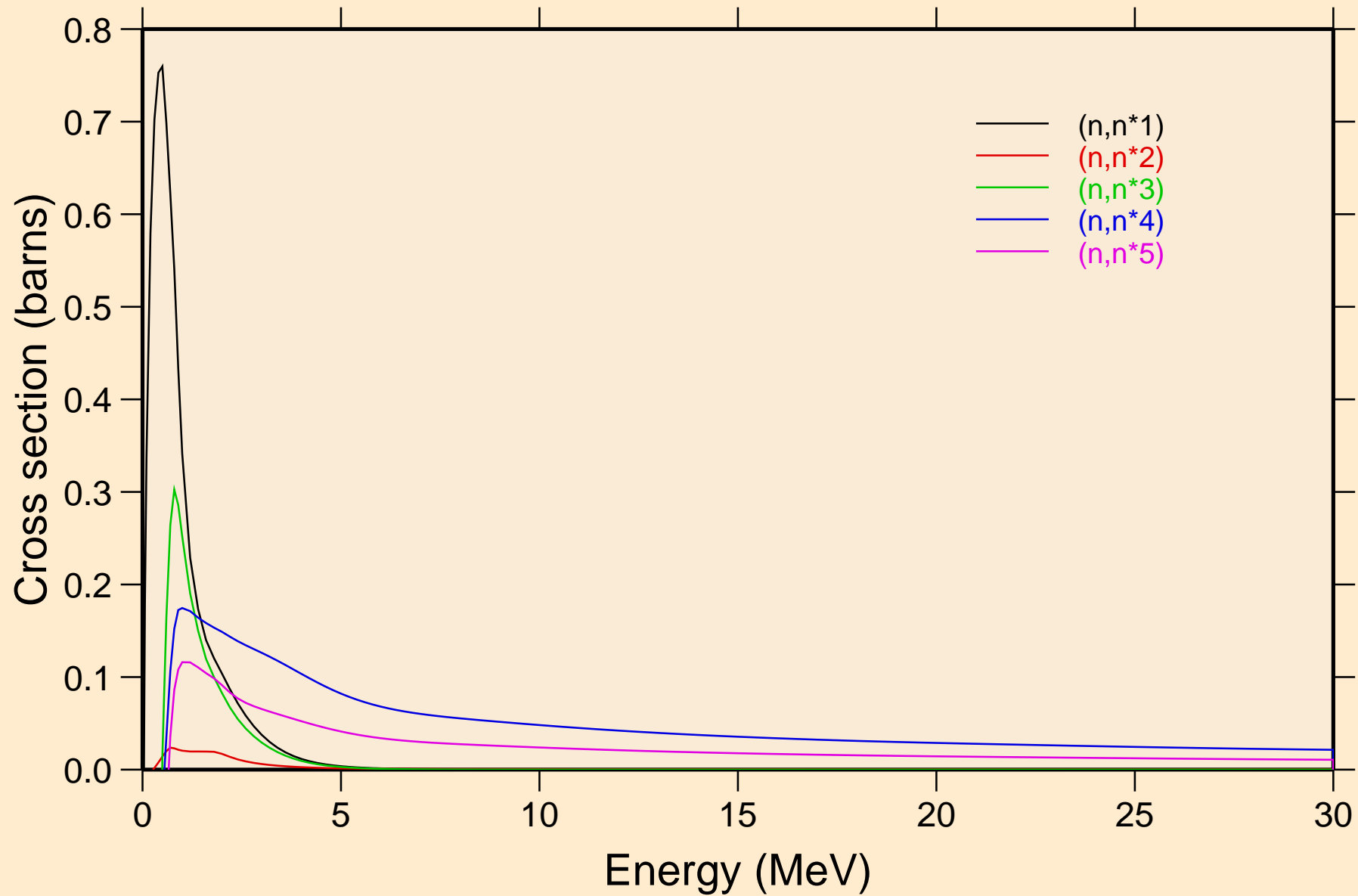
# SR083 NRG TENDL-2015, AKONING

## Non-threshold reactions



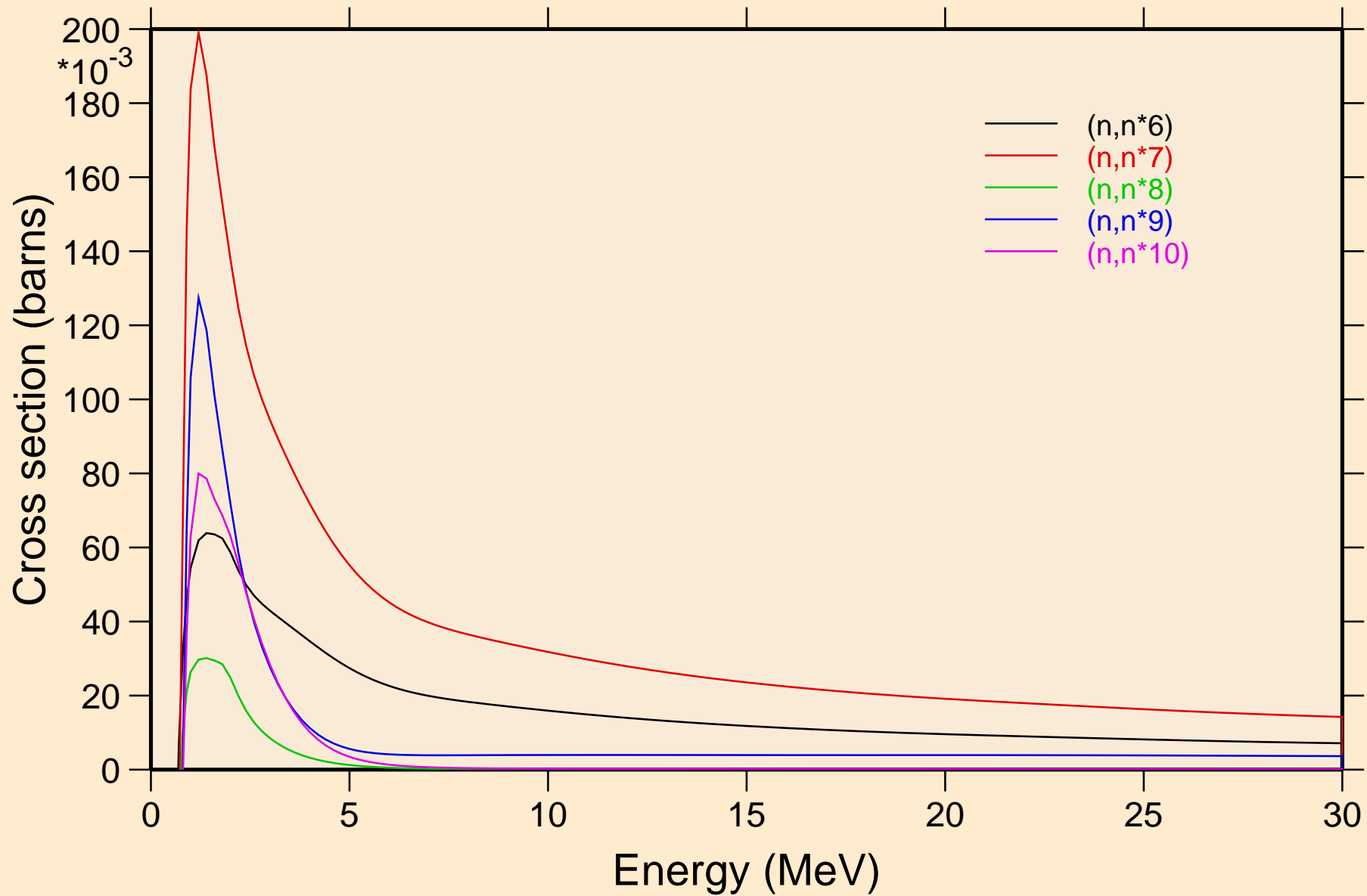
# SR083 NRG TENDL-2015, AKONING

## Inelastic levels



# SR083 NRG TENDL-2015, AKONING

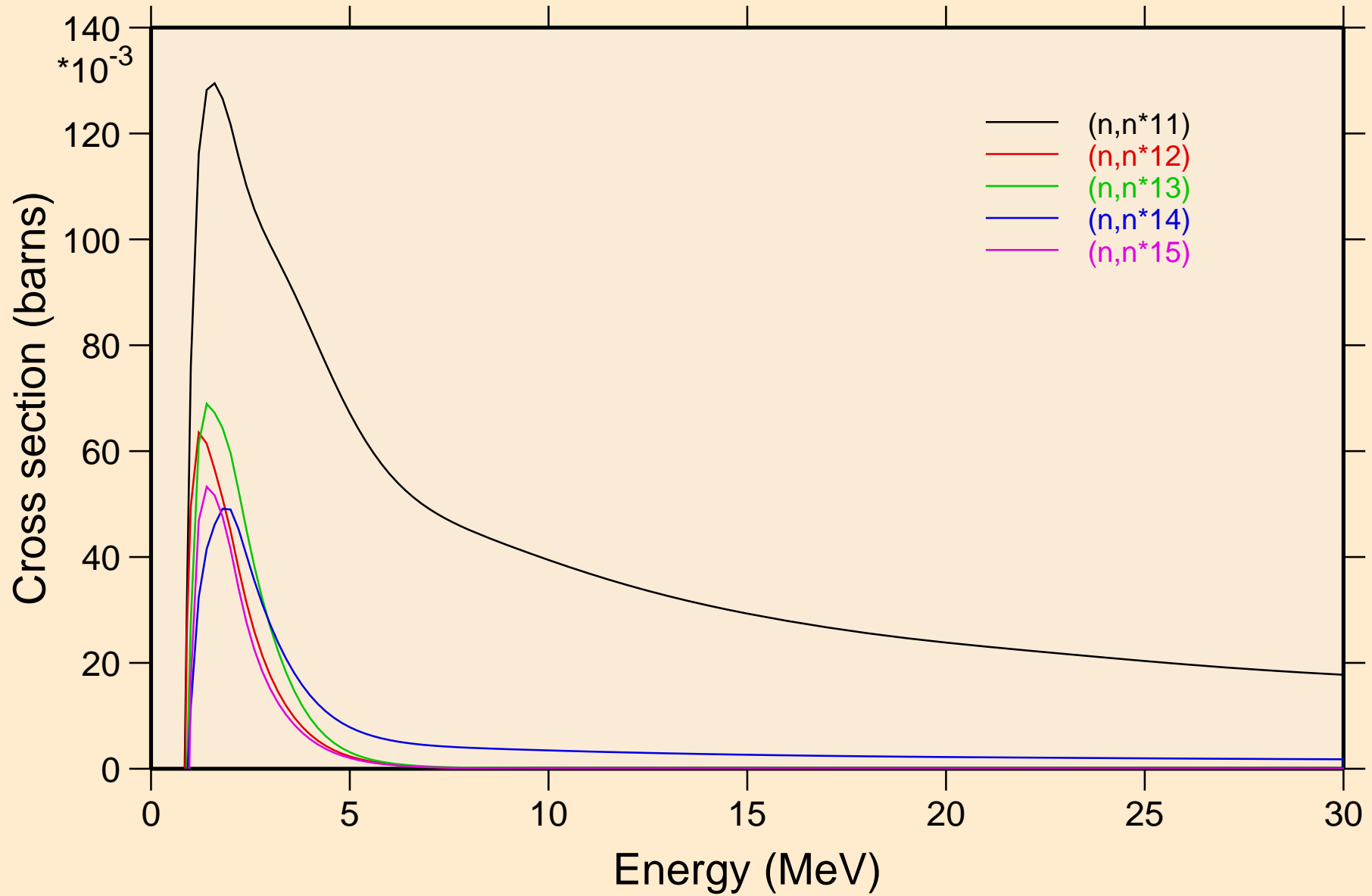
## Inelastic levels





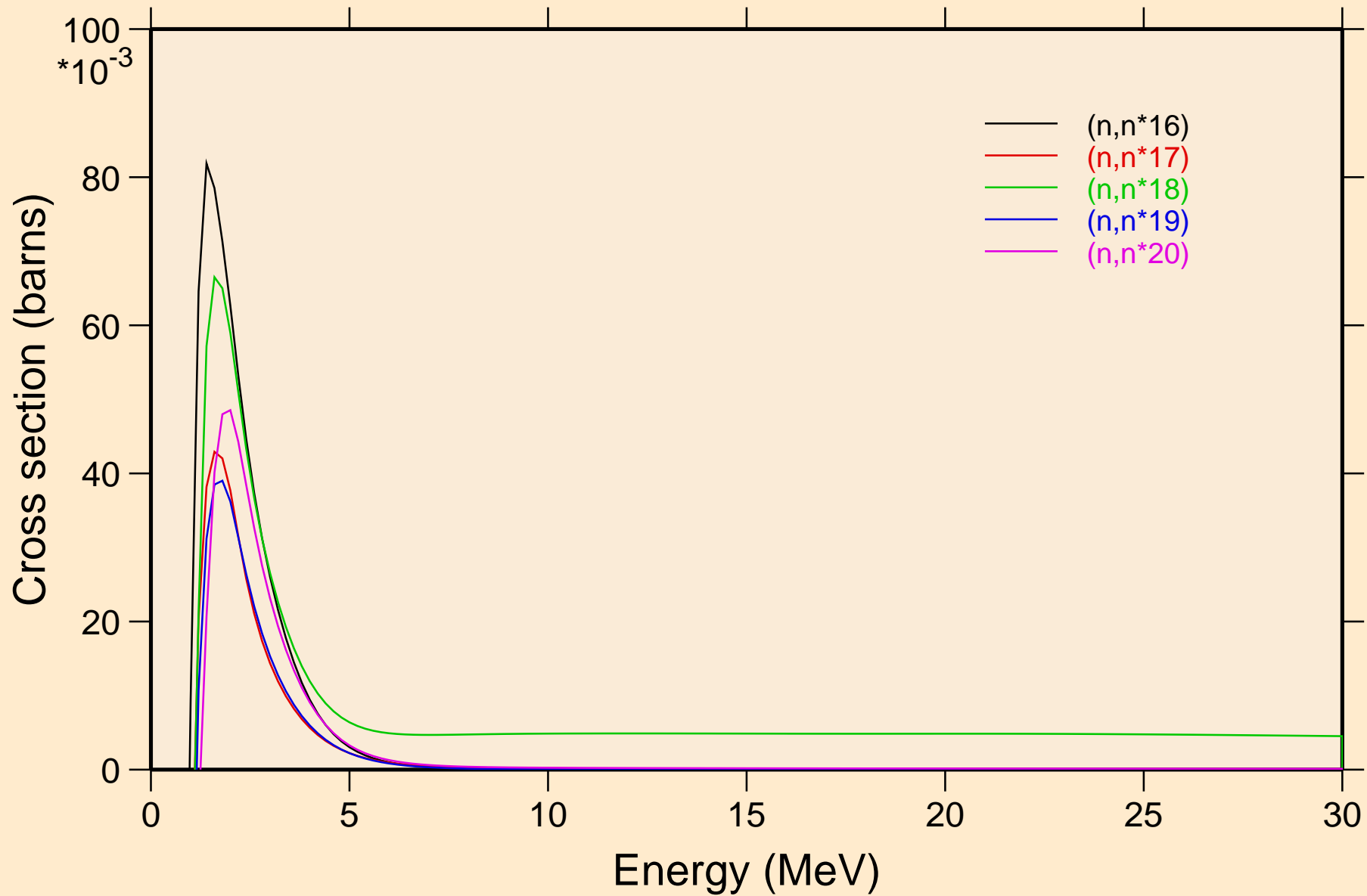
# SR083 NRG TENDL-2015, AKONING

## Inelastic levels



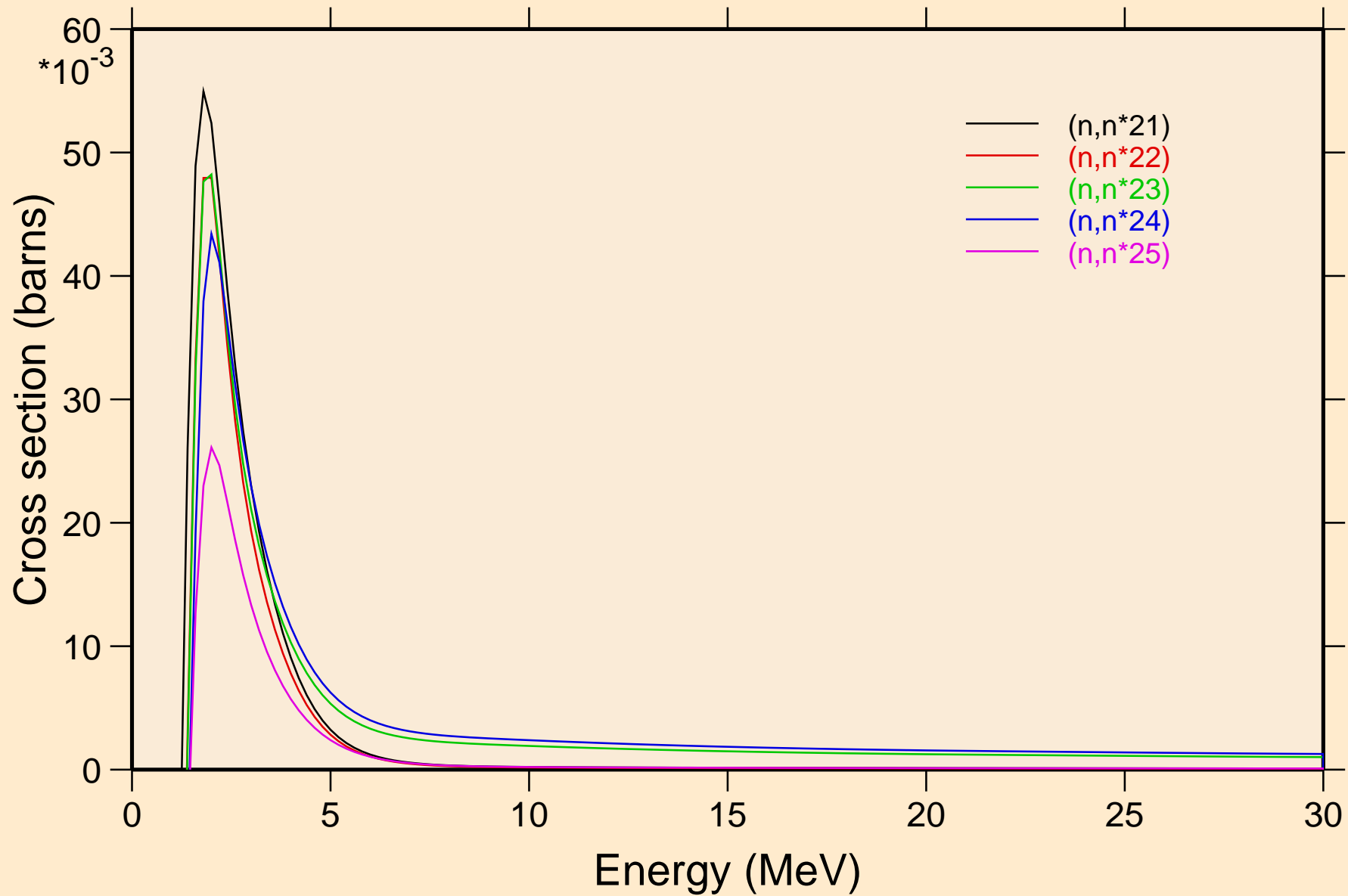
# SR083 NRG TENDL-2015, AKONING

## Inelastic levels



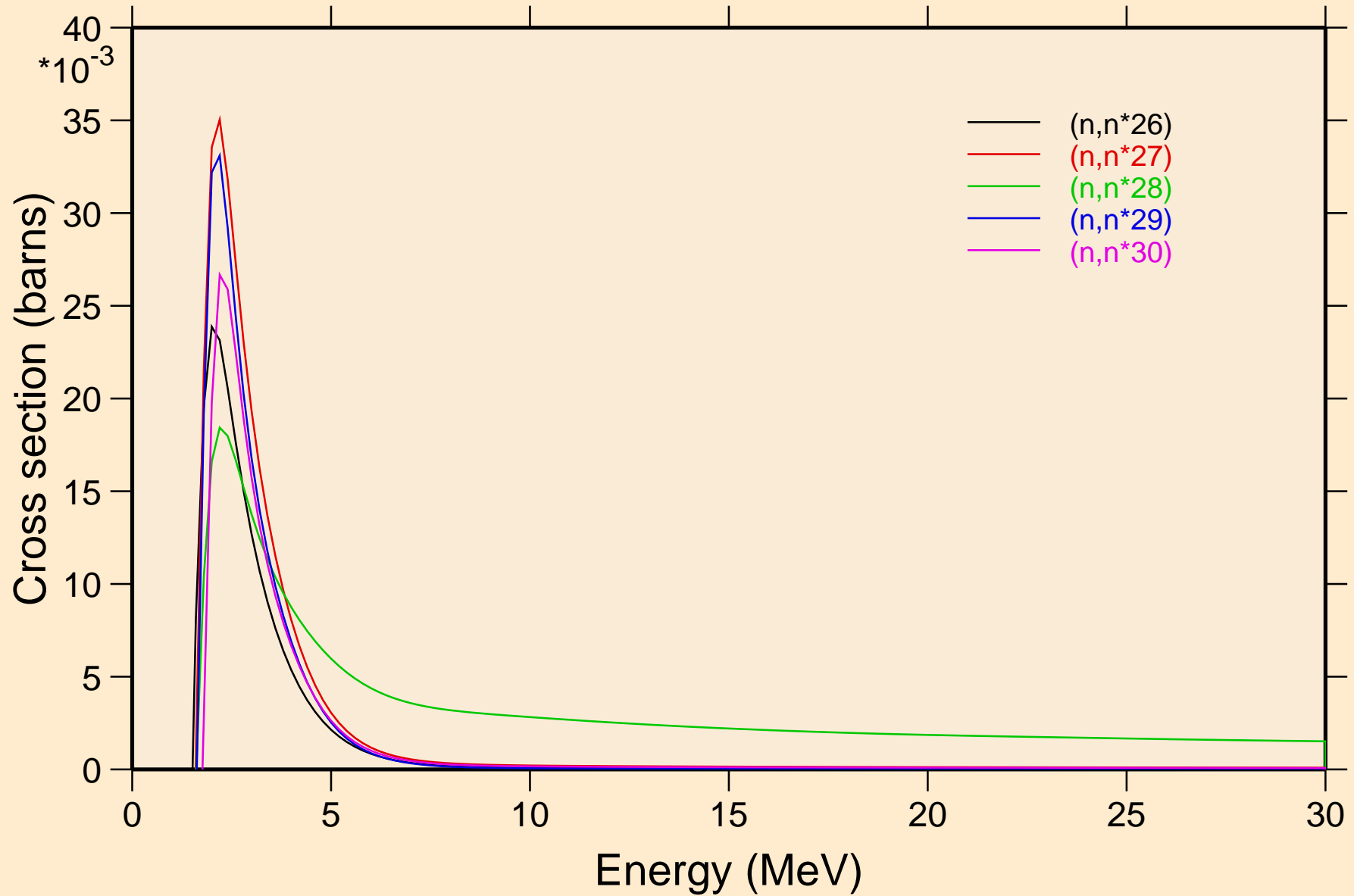
# SR083 NRG TENDL-2015, AKONING

## Inelastic levels



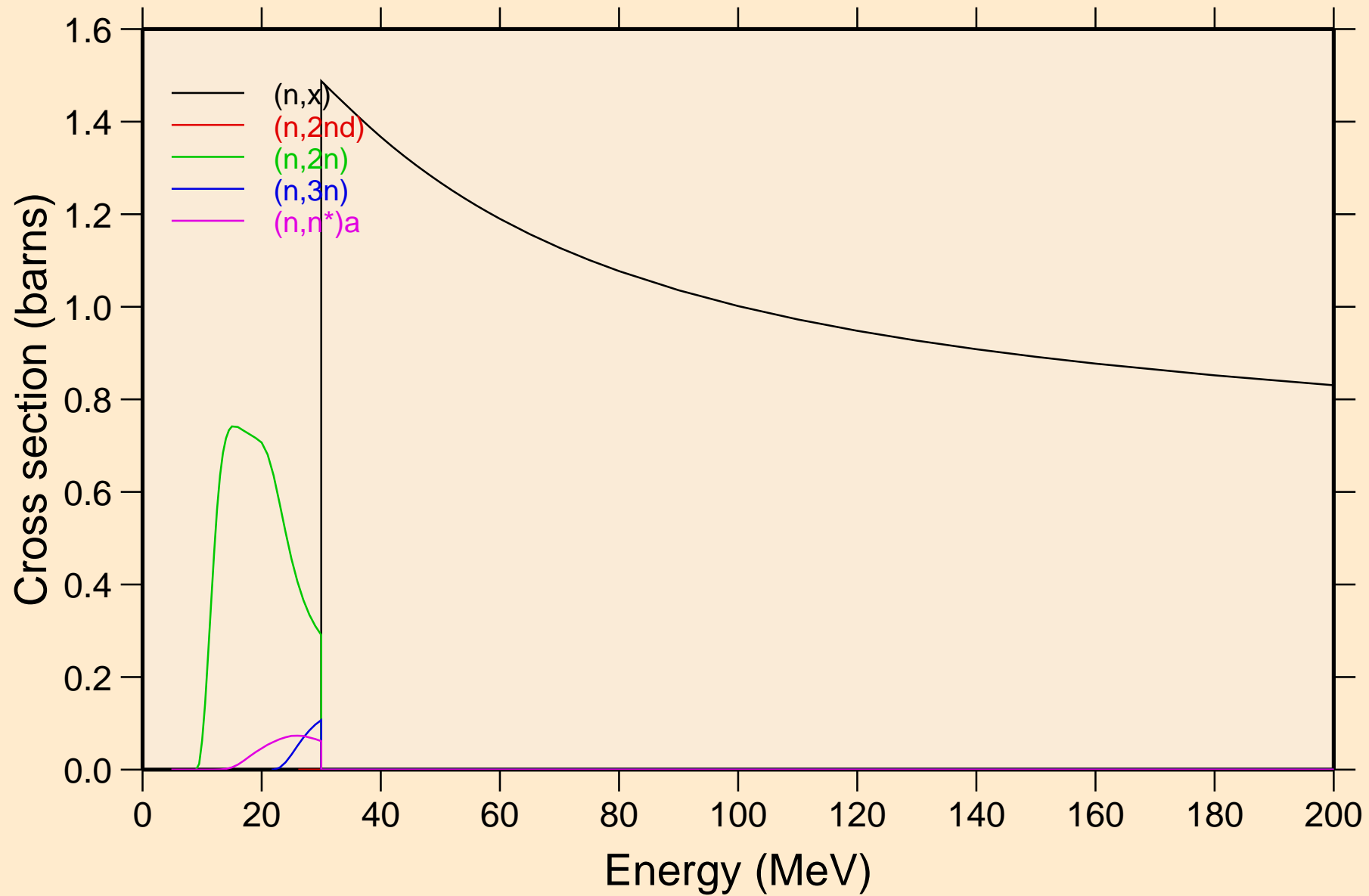
# SR083 NRG TENDL-2015, AKONING

## Inelastic levels



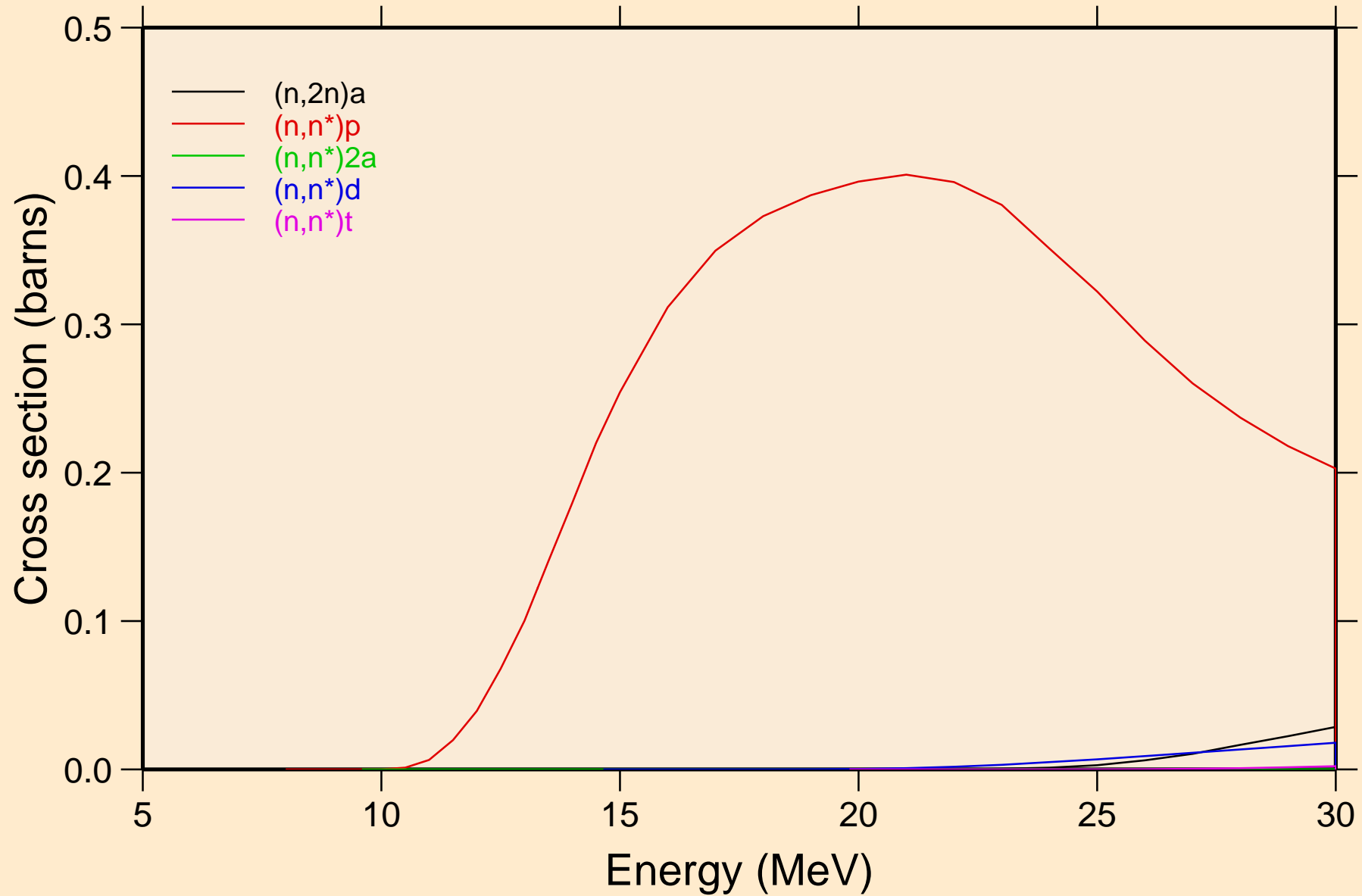
# SR083 NRG TENDL-2015, AKONING

## Threshold reactions



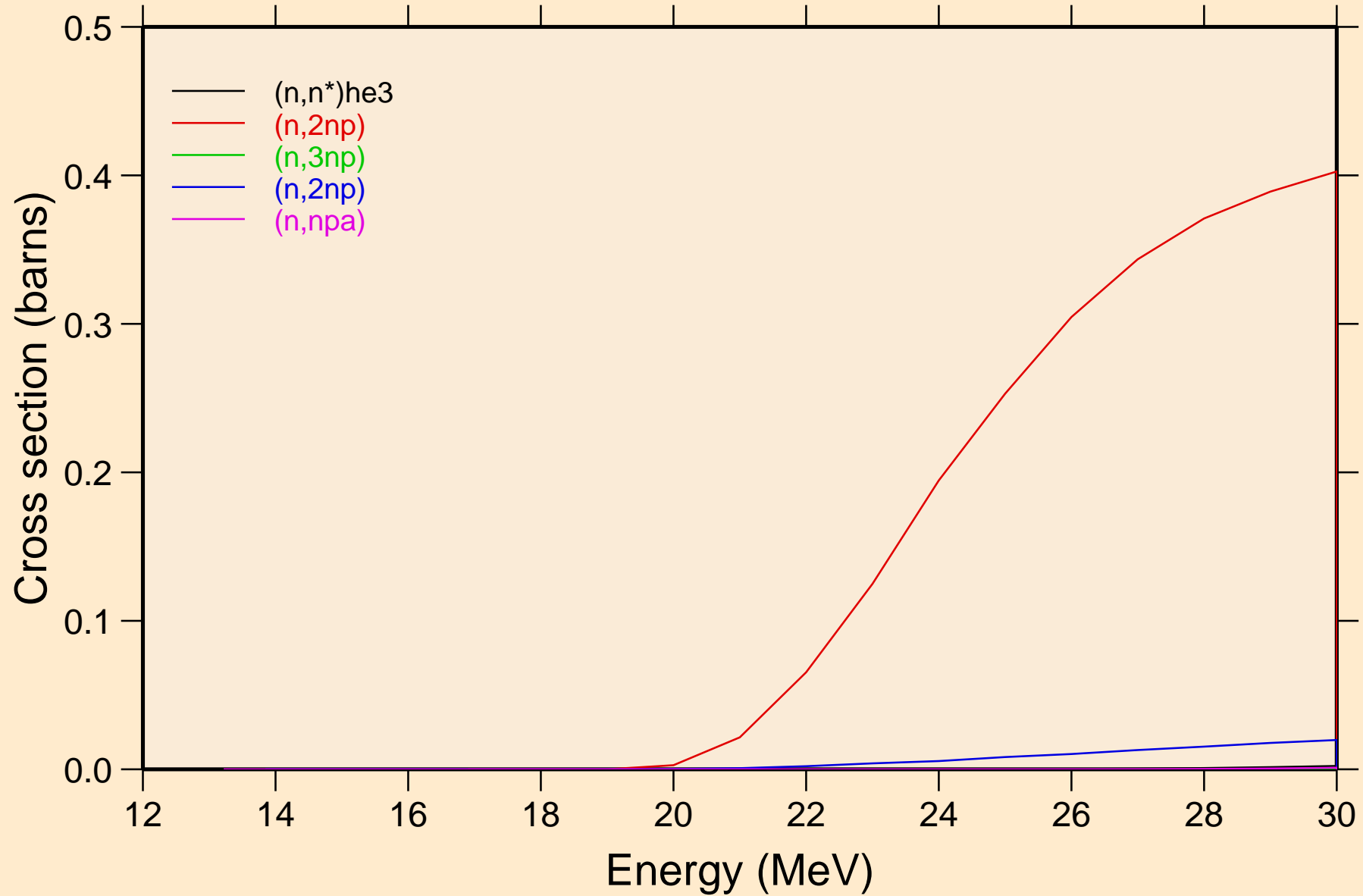
# SR083 NRG TENDL-2015, AKONING

## Threshold reactions



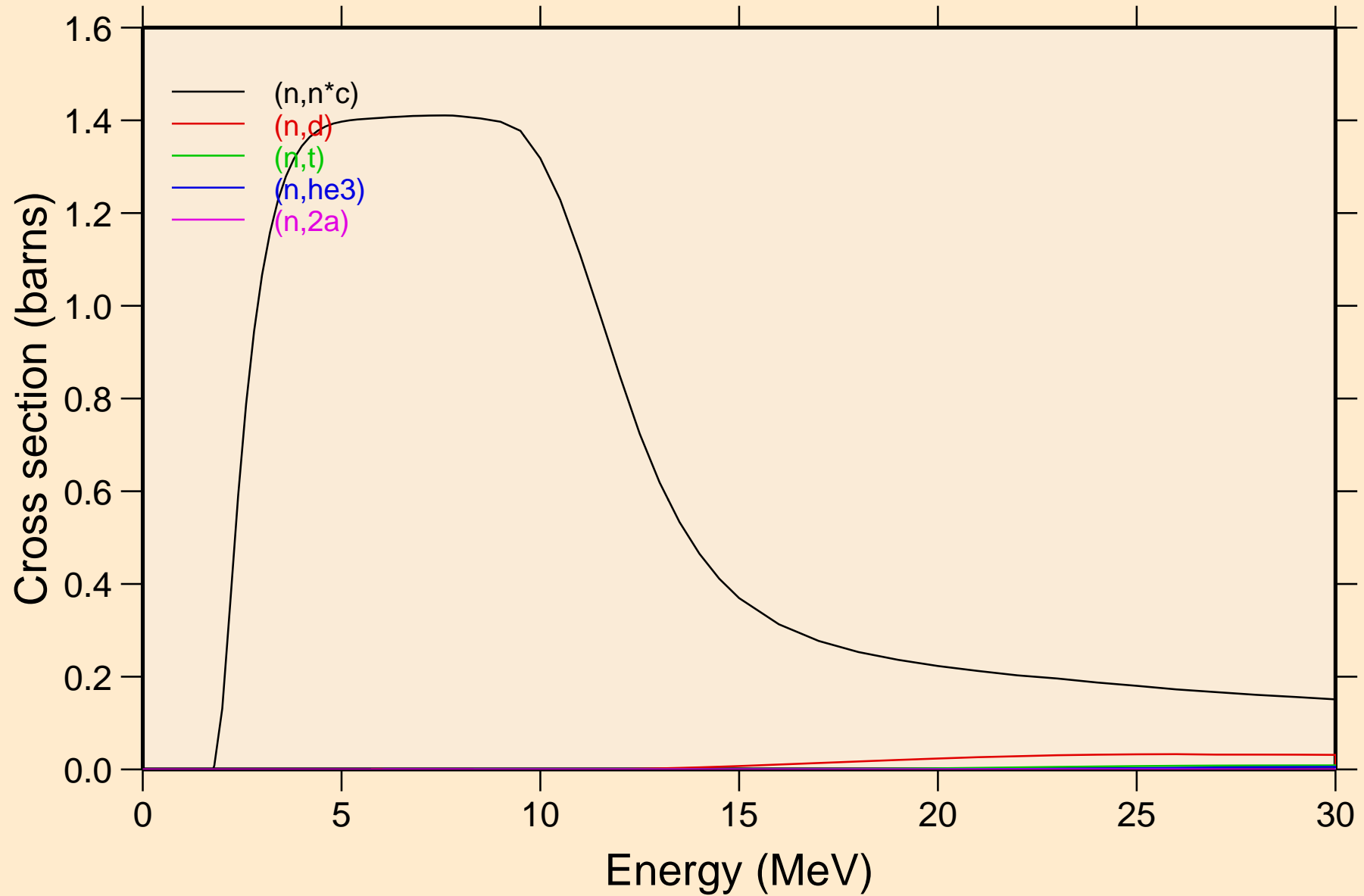
# SR083 NRG TENDL-2015, AKONING

## Threshold reactions



# SR083 NRG TENDL-2015, AKONING

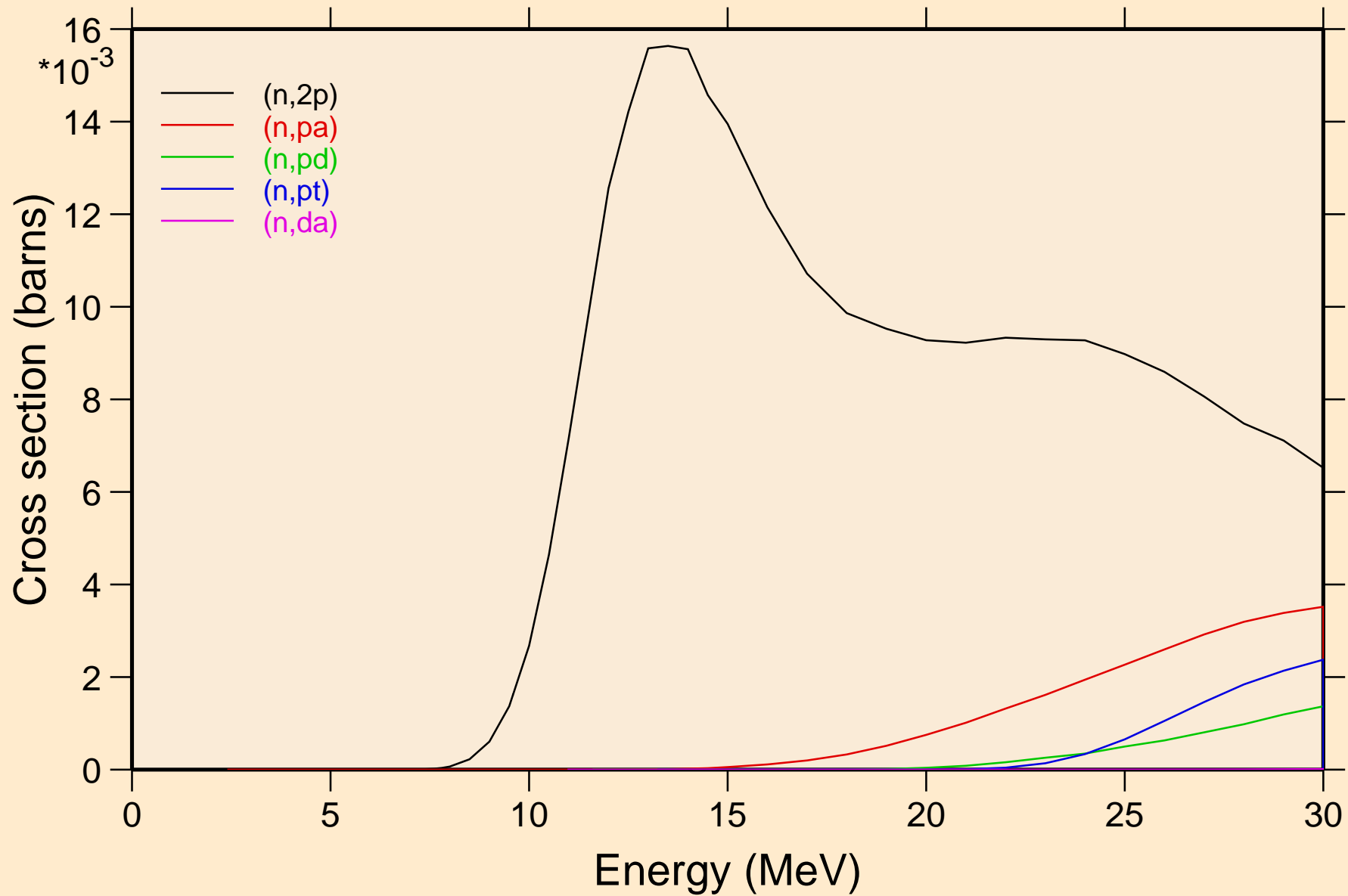
## Threshold reactions



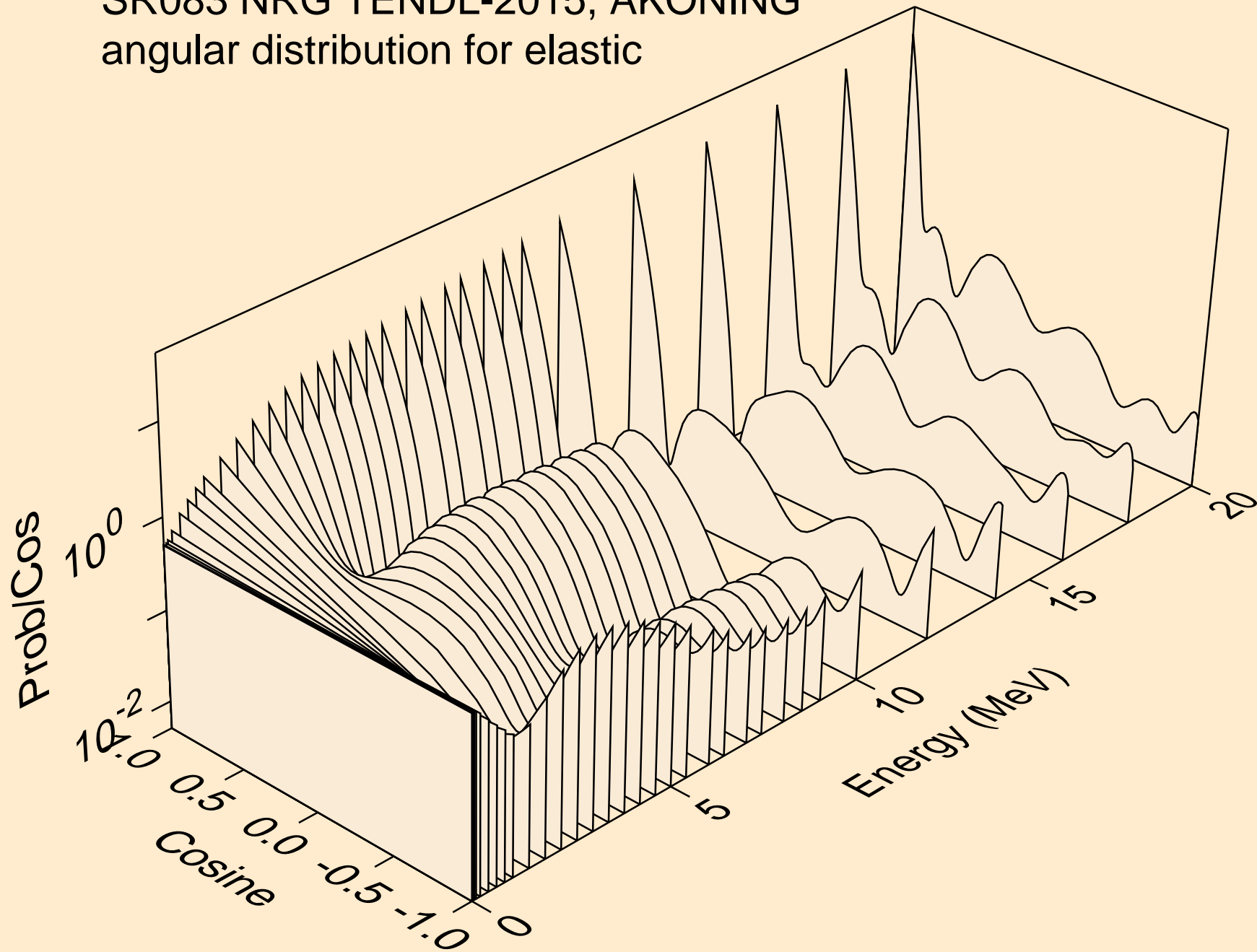


# SR083 NRG TENDL-2015, AKONING

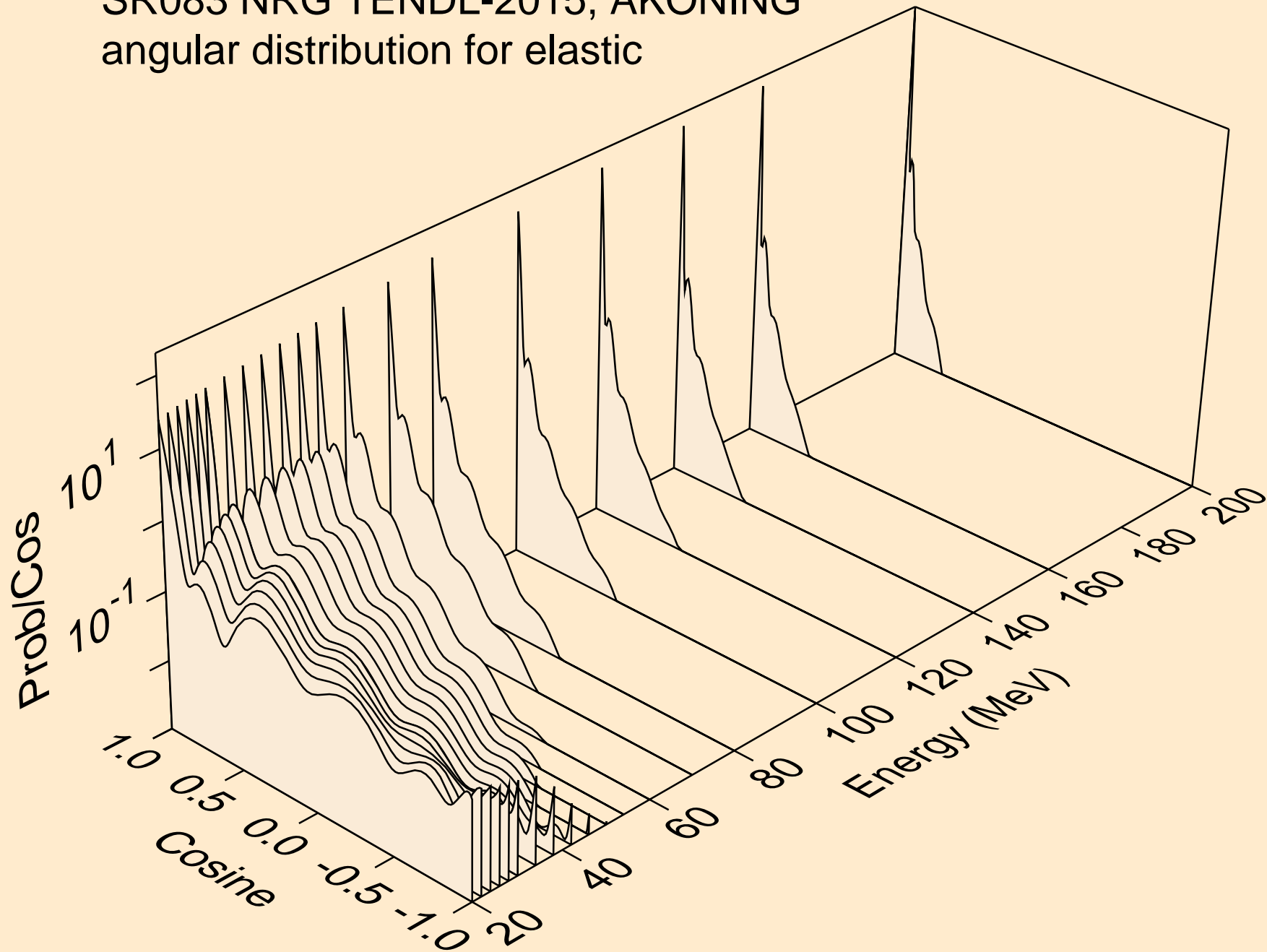
## Threshold reactions



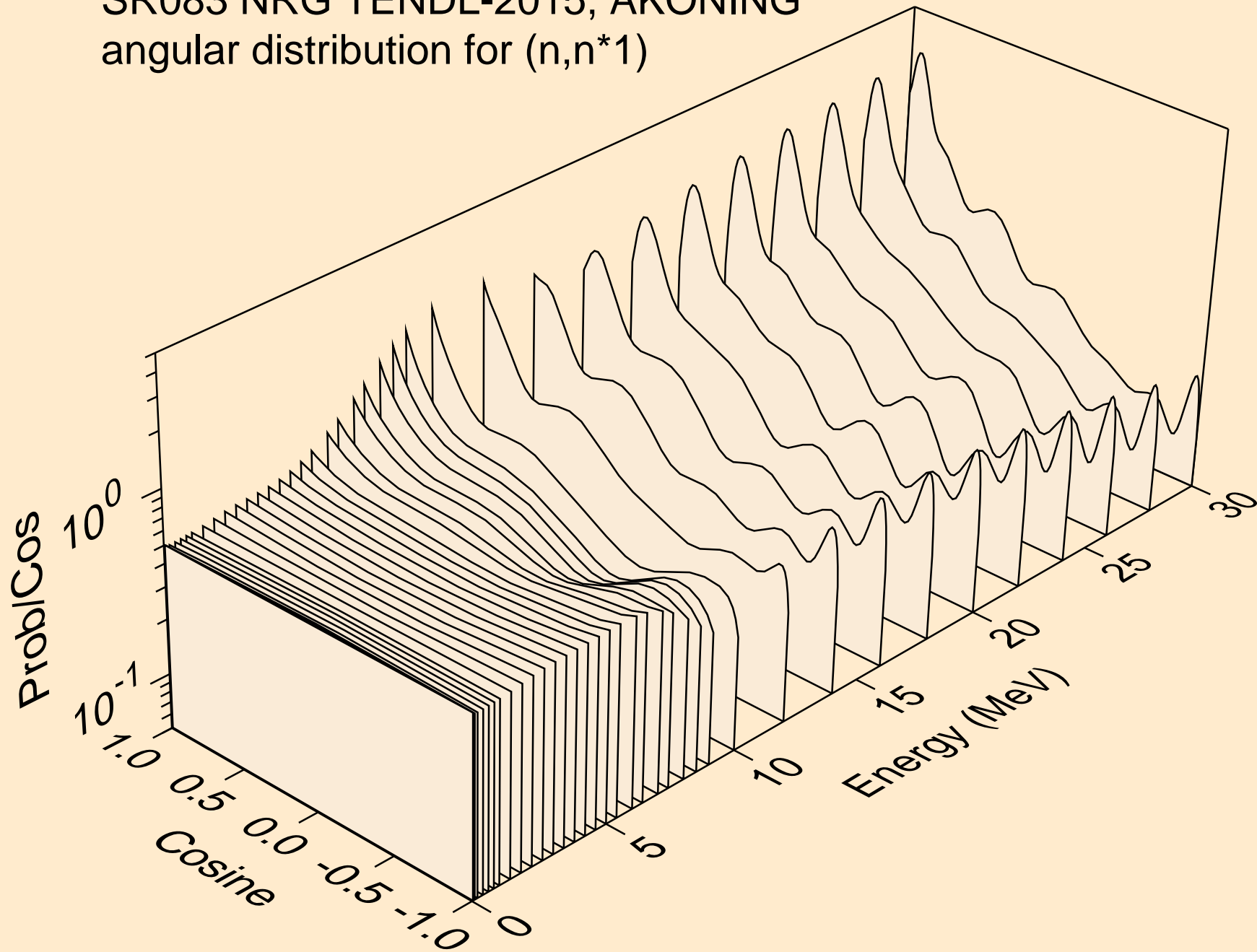
SR083 NRG TENDL-2015, AKONING  
angular distribution for elastic



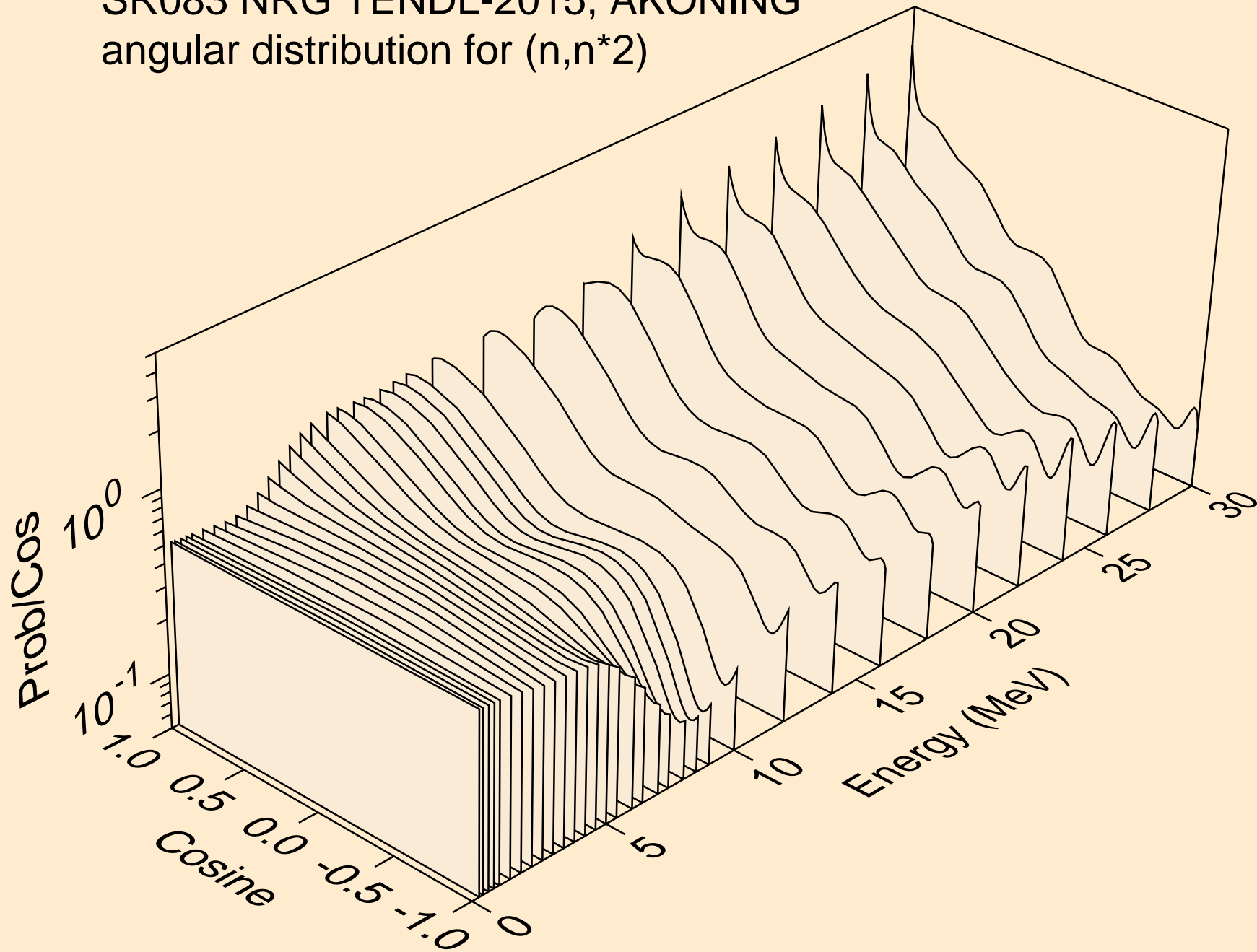
SR083 NRG TENDL-2015, AKONING  
angular distribution for elastic



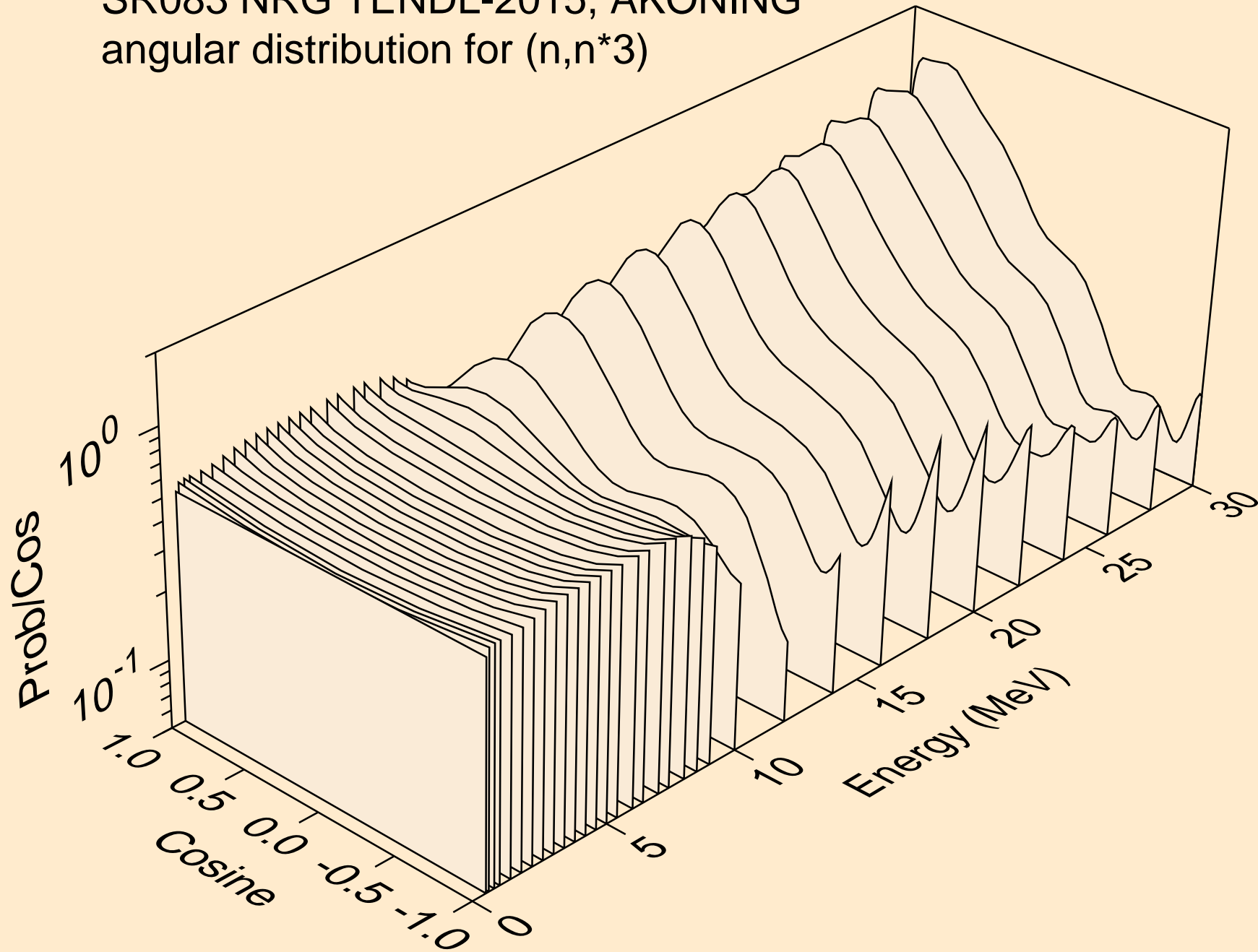
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



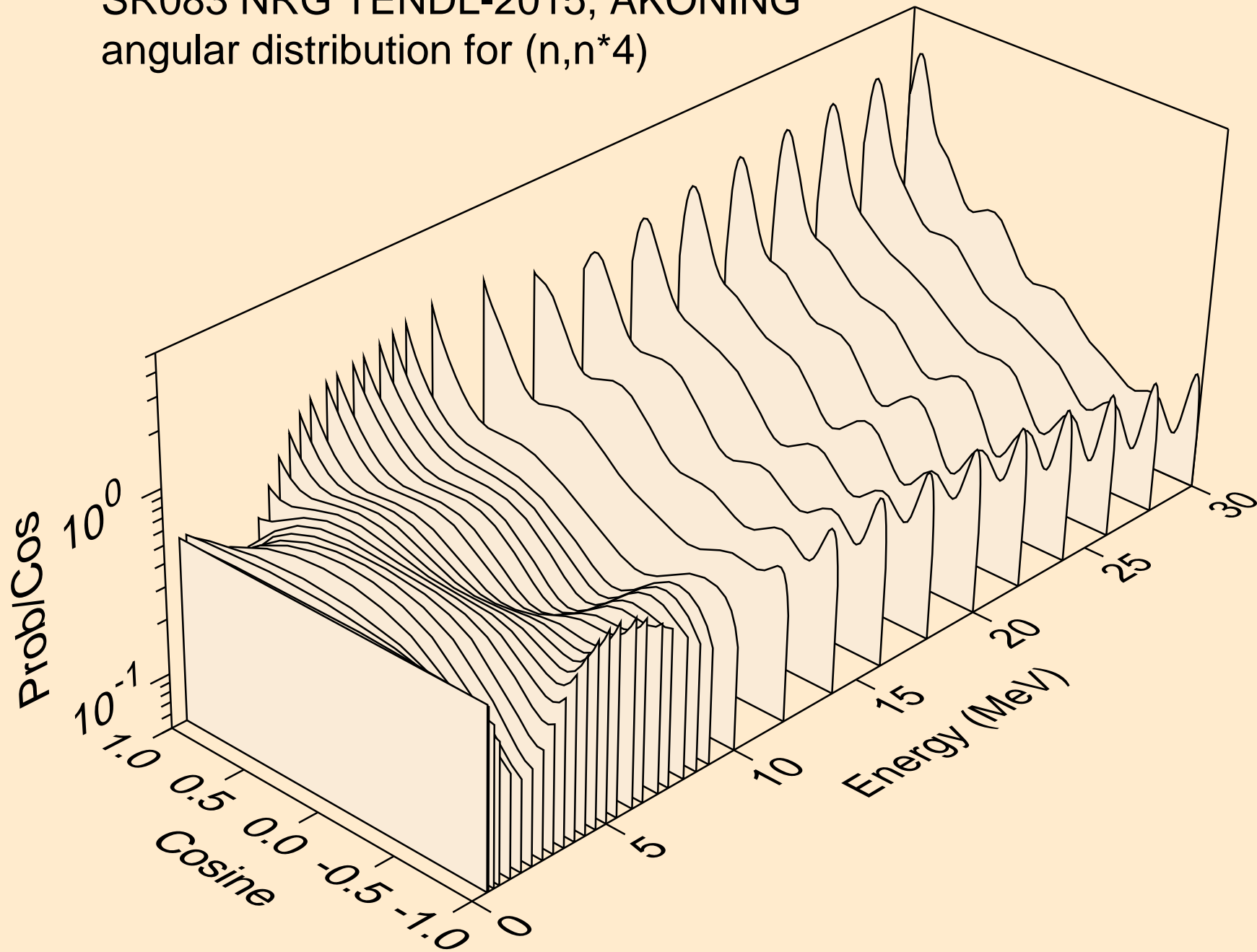
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



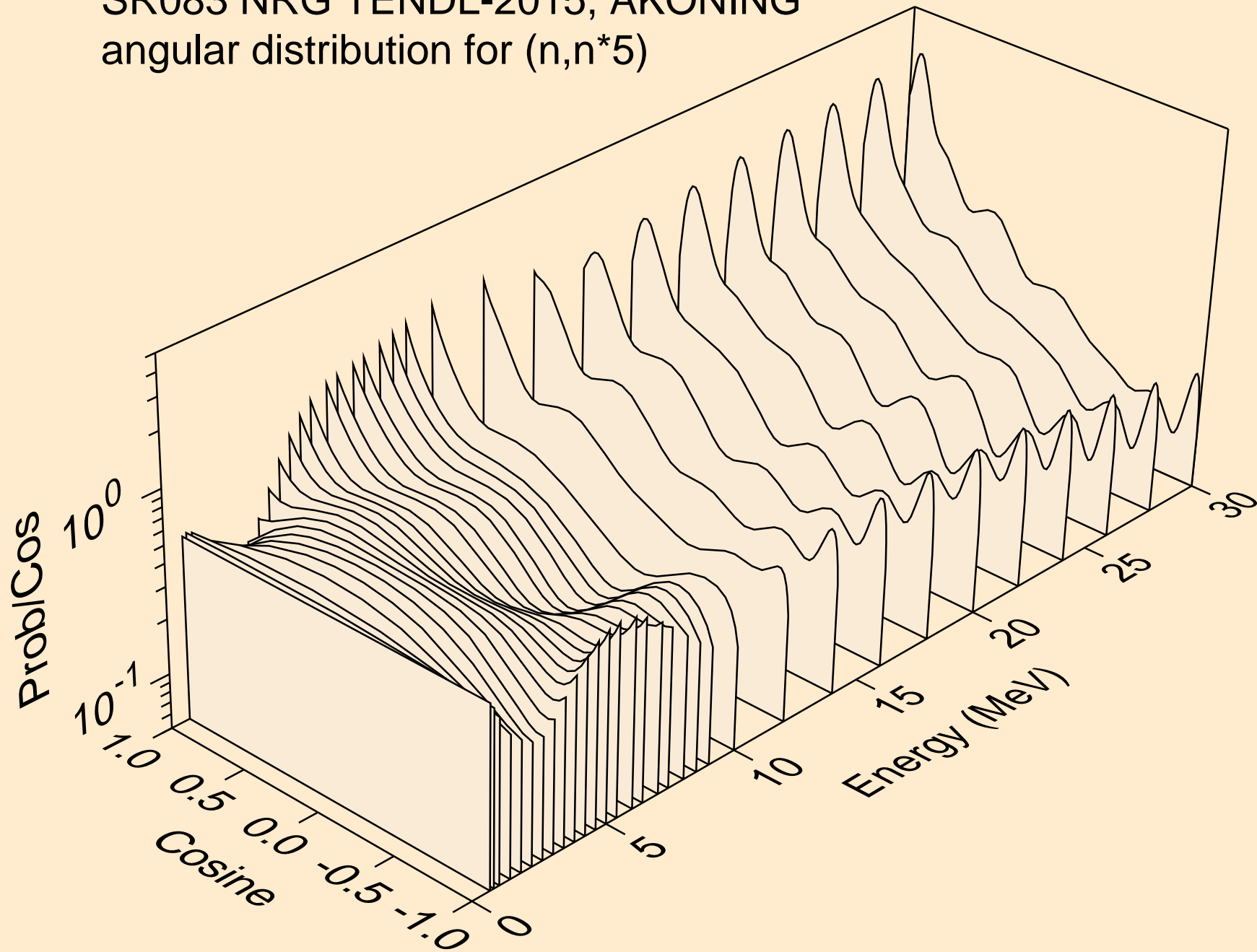
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

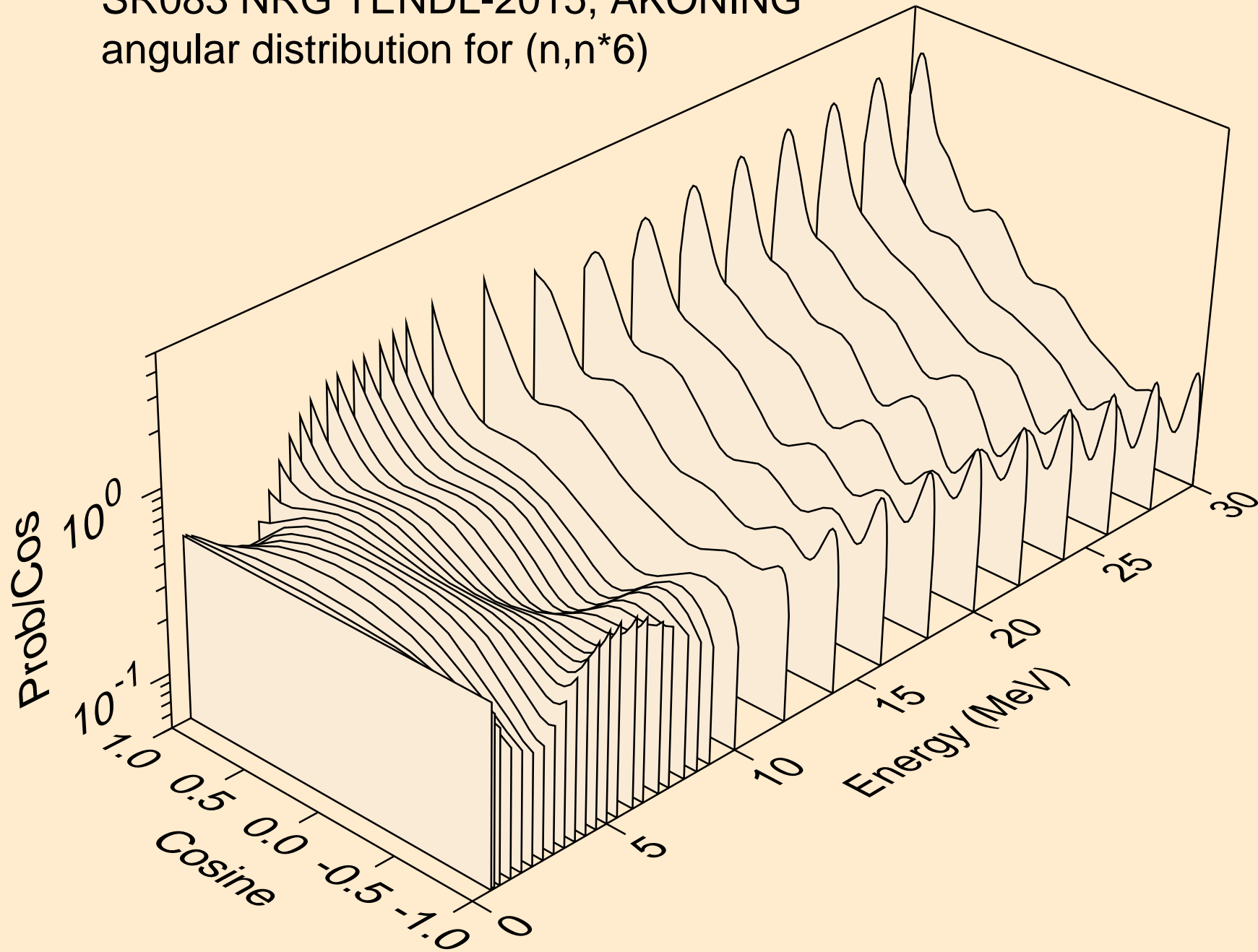


SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

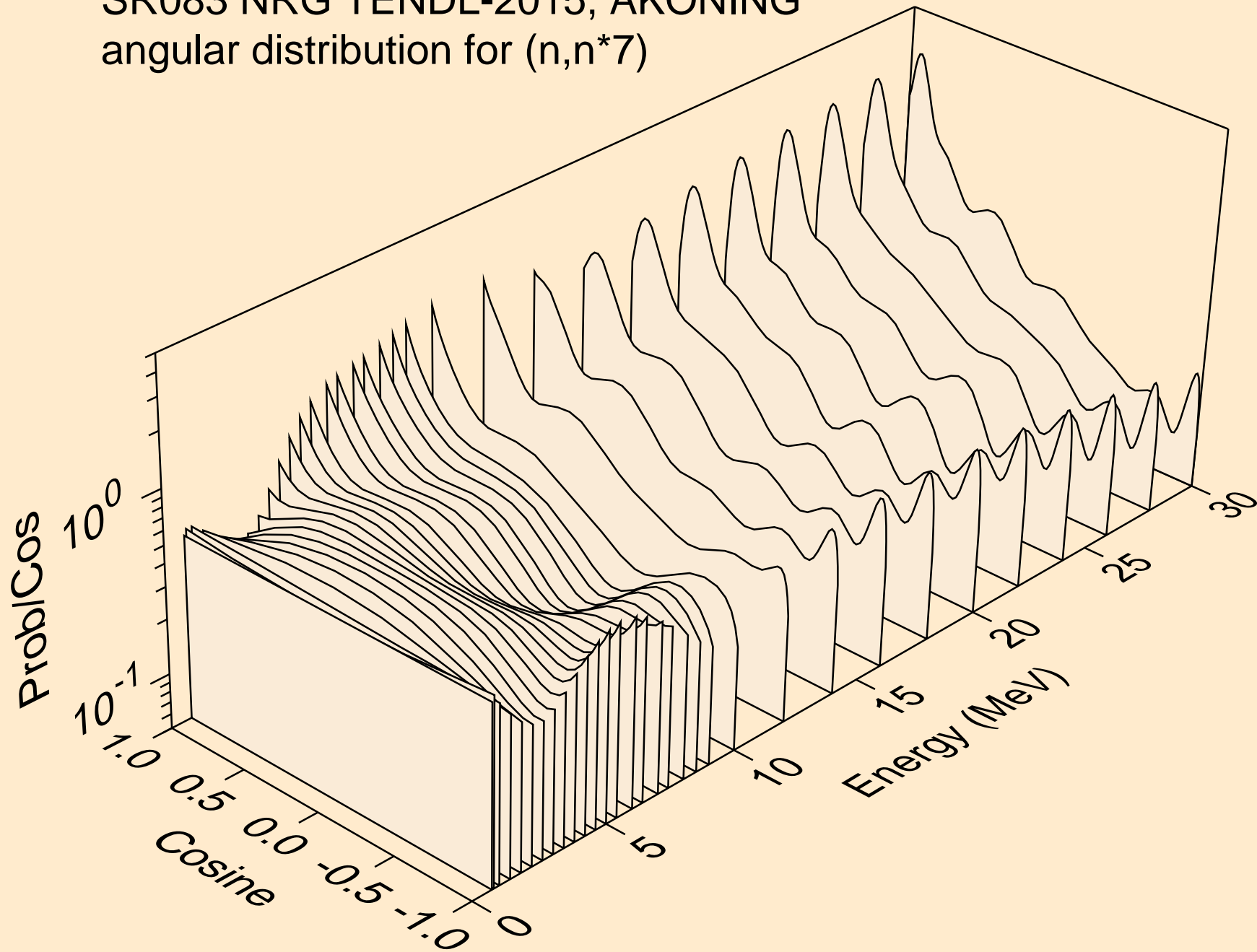




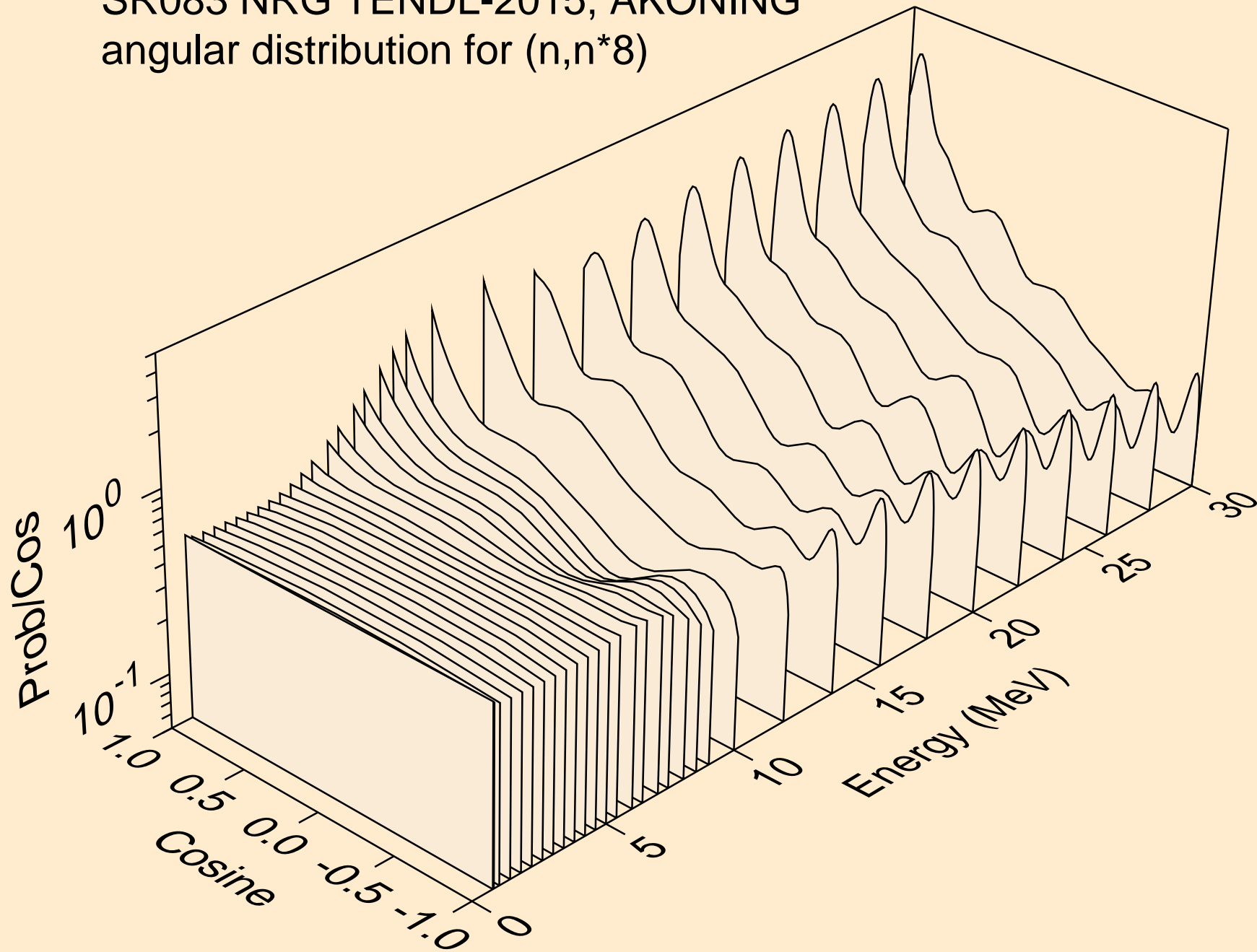
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



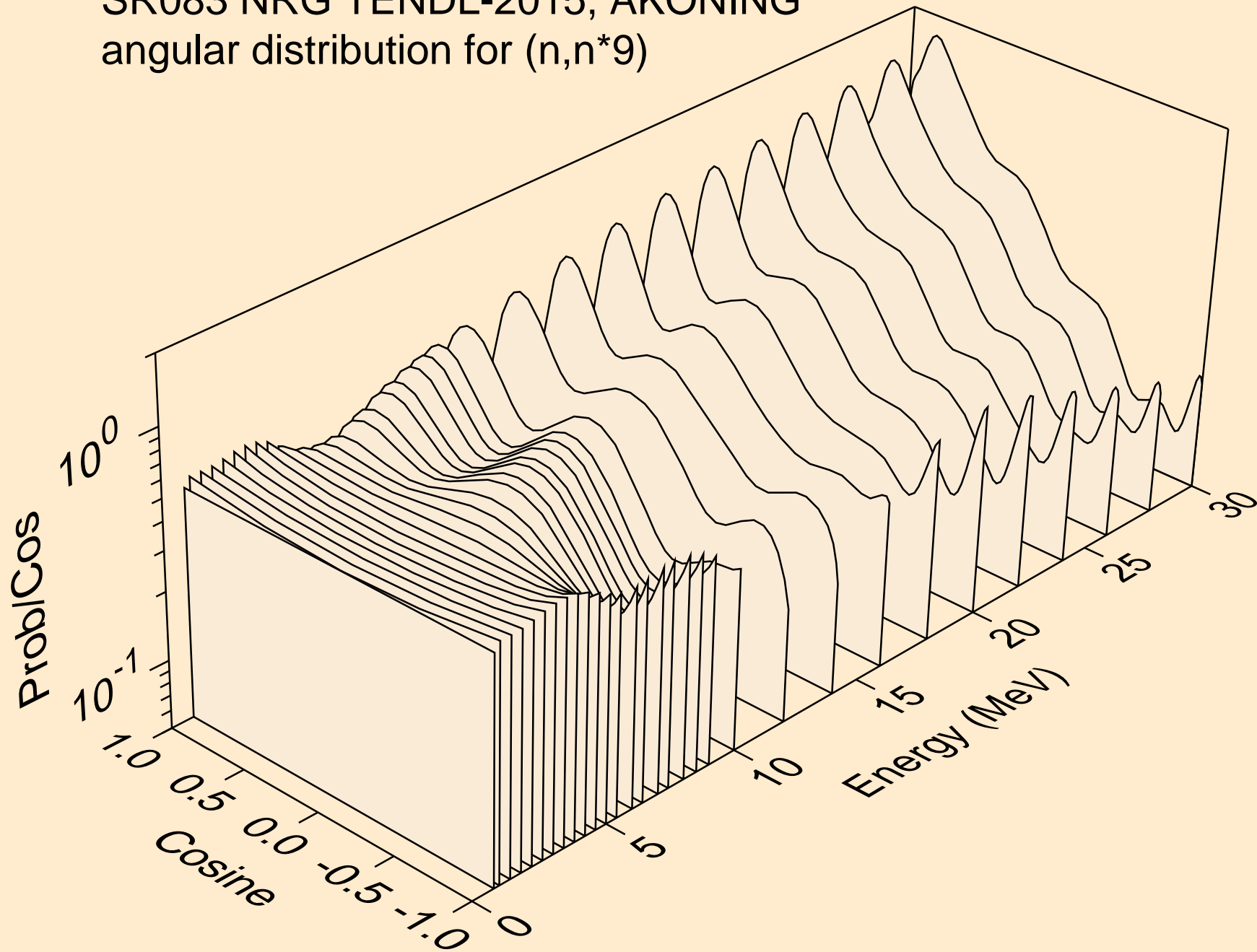
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



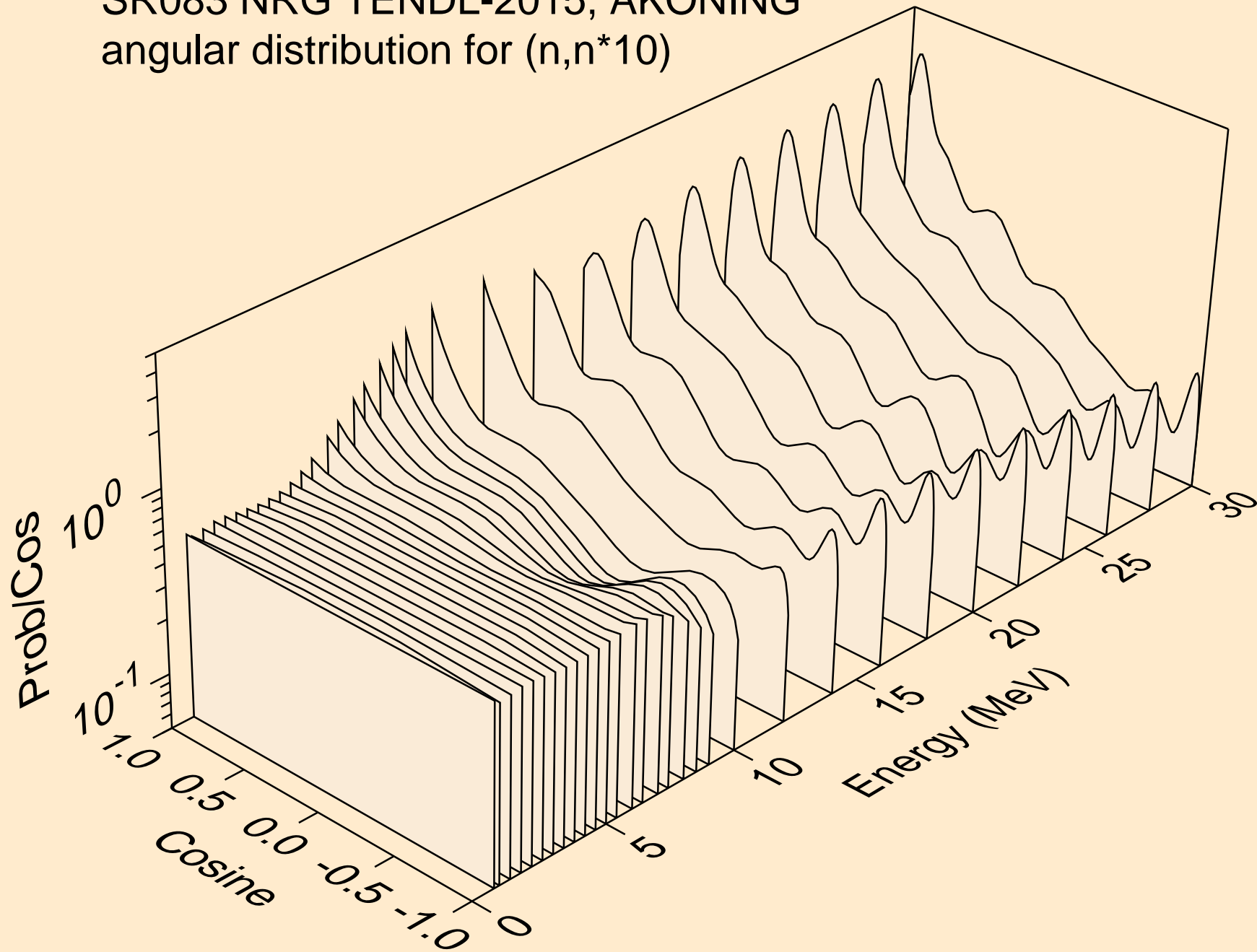
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



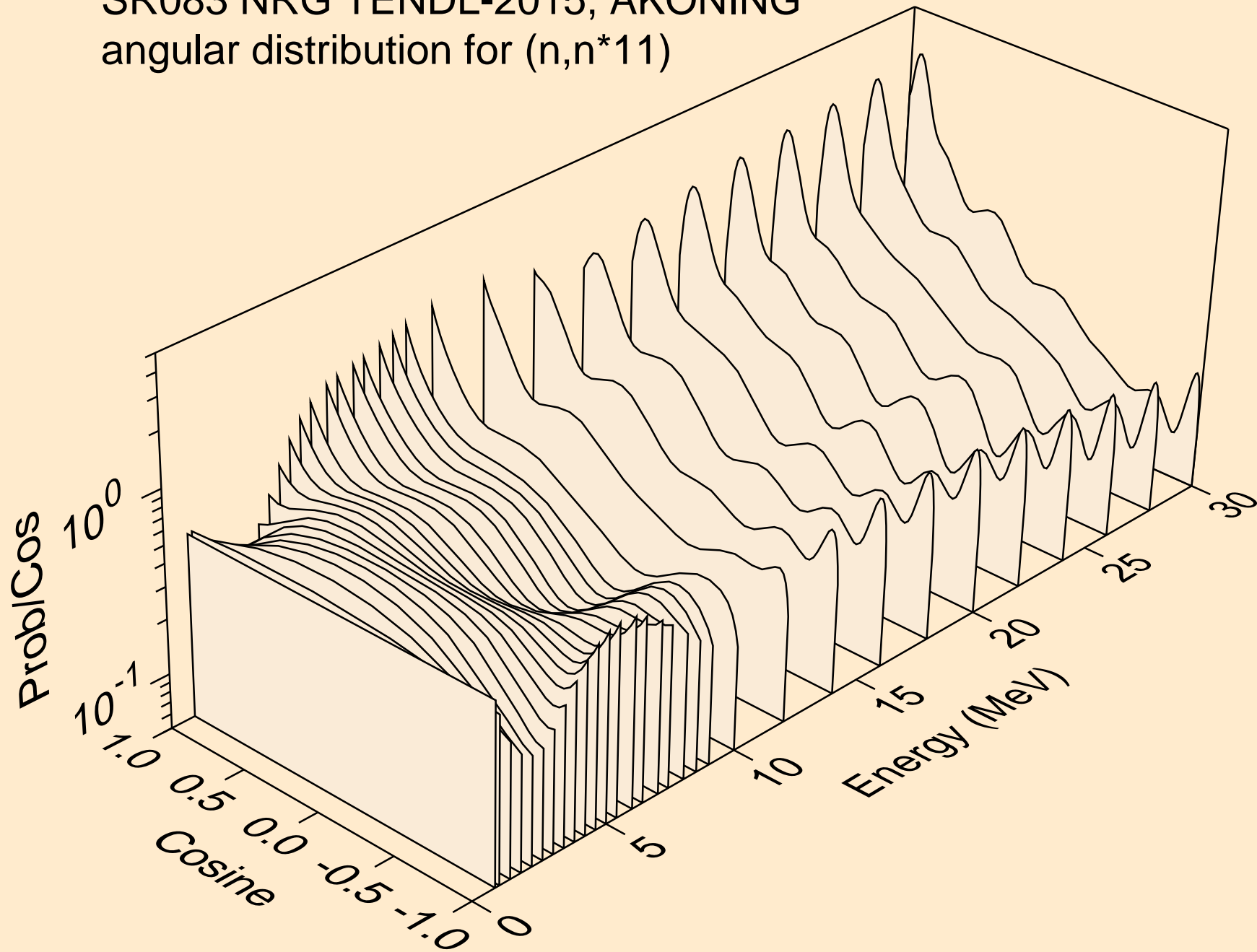
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



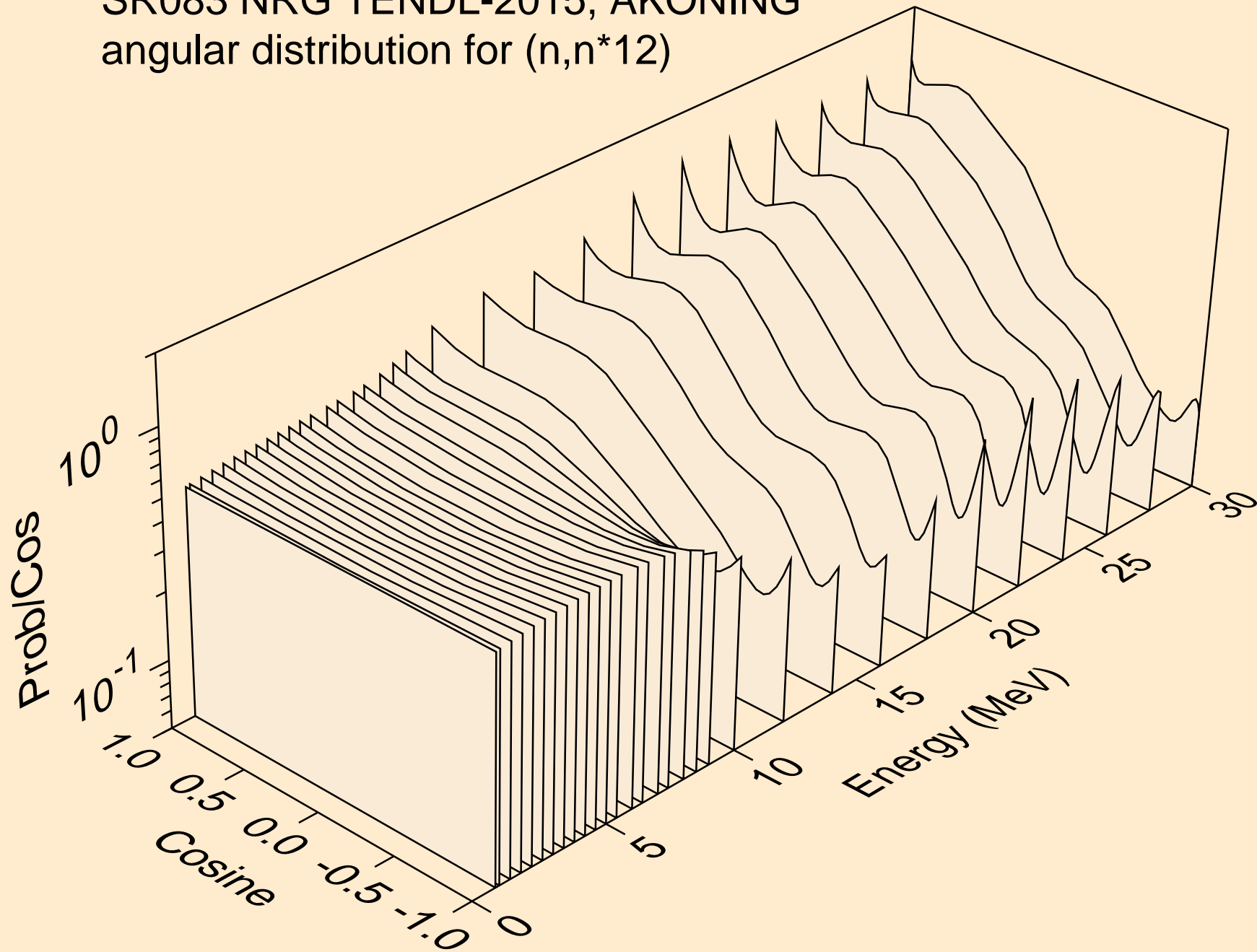
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



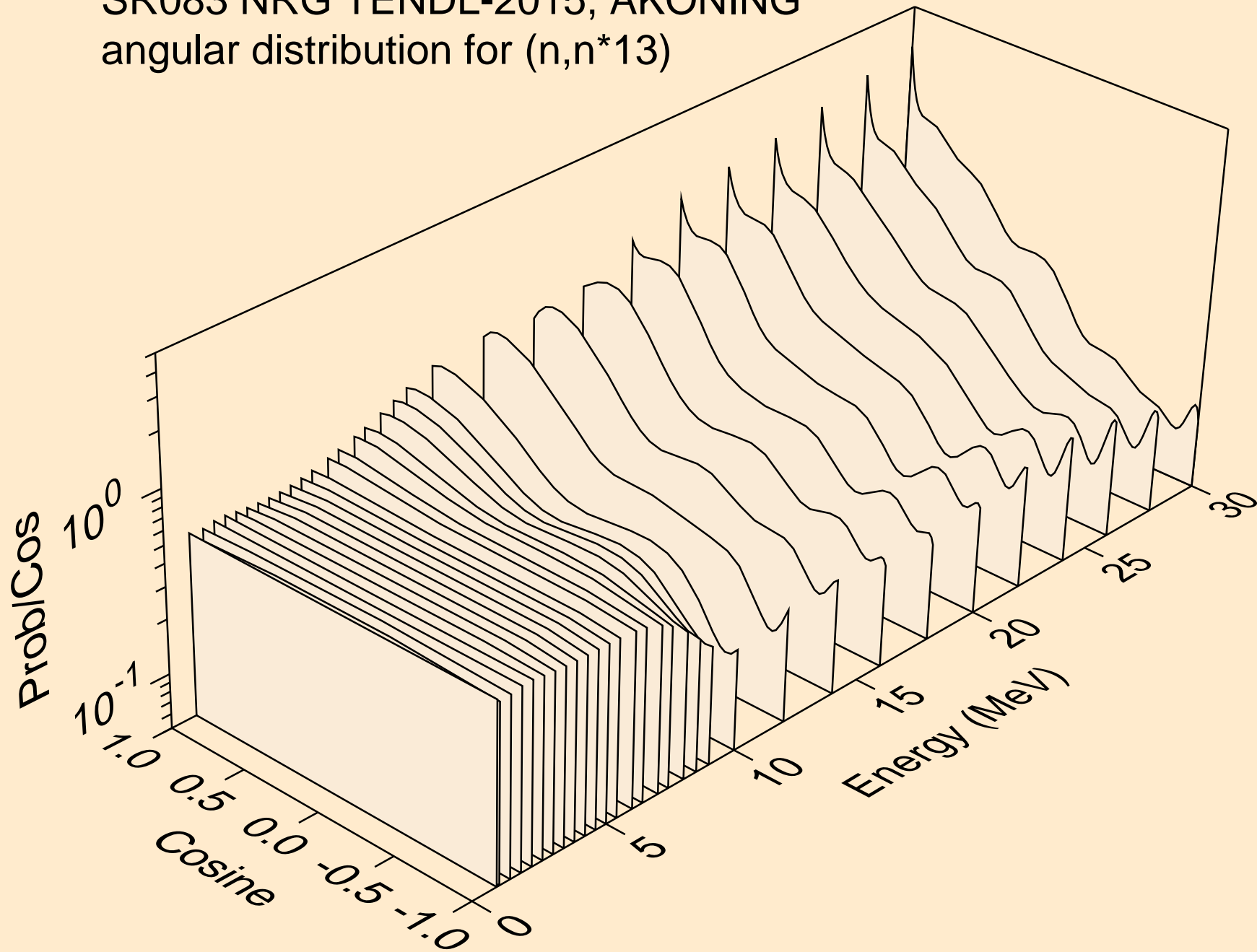
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

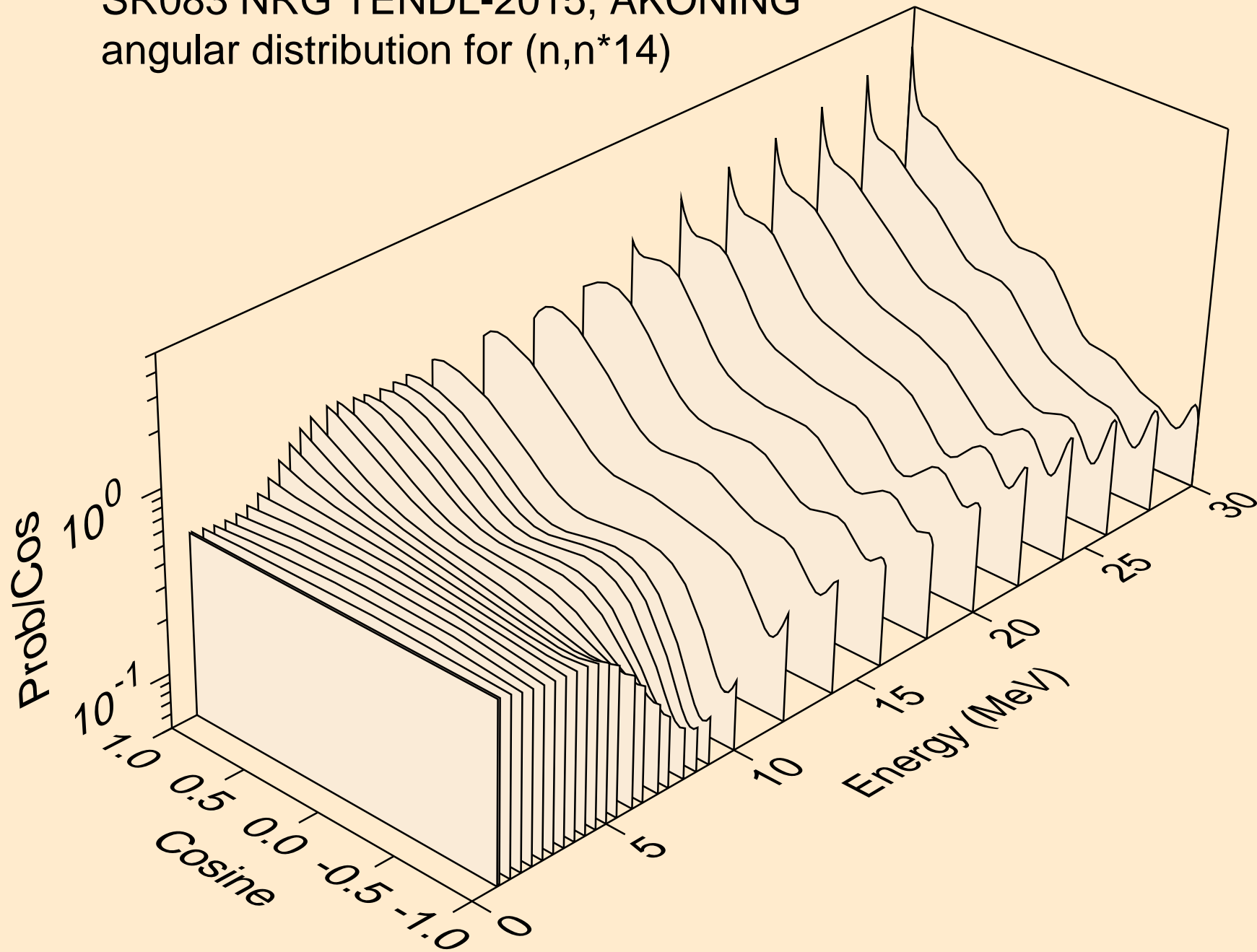


SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

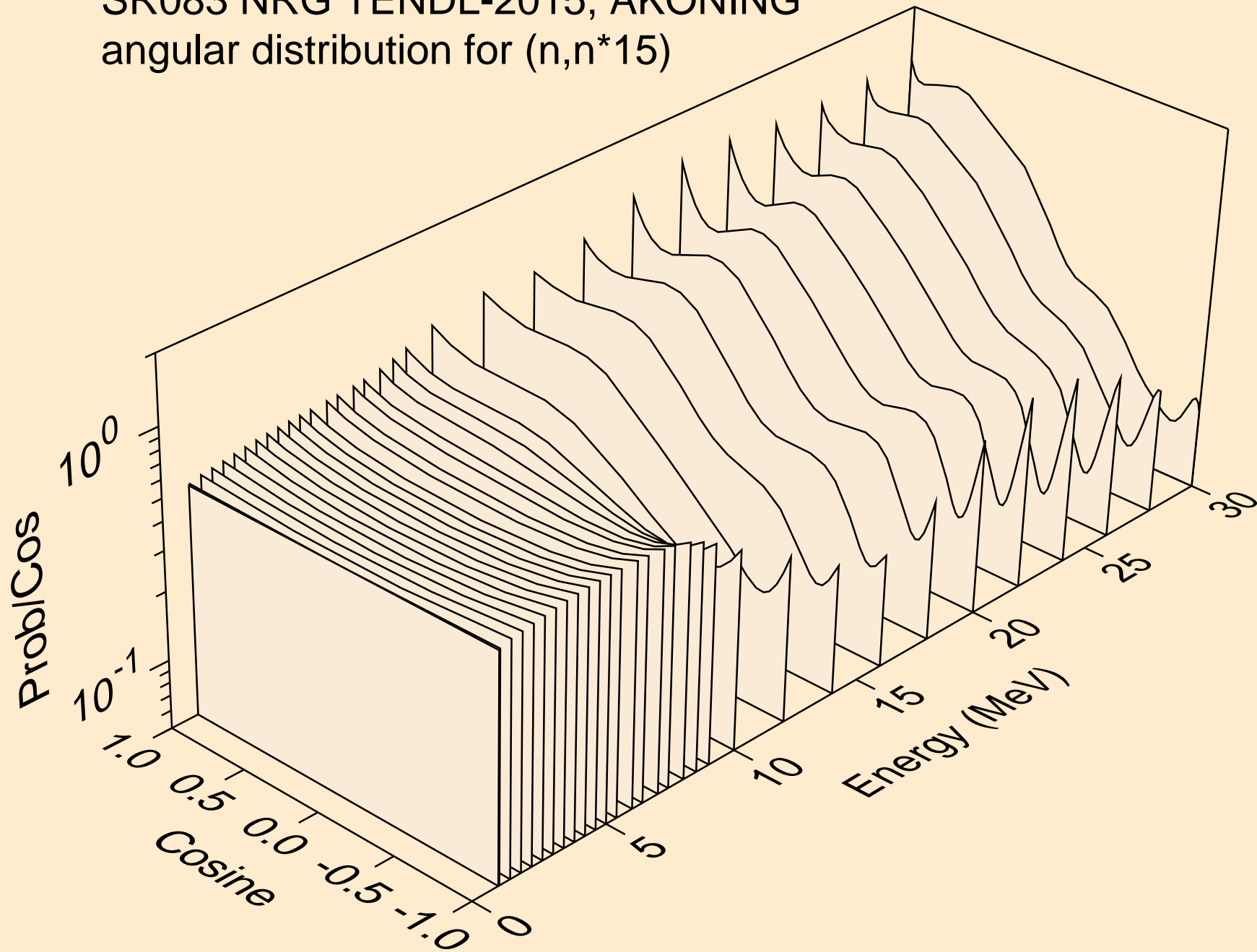




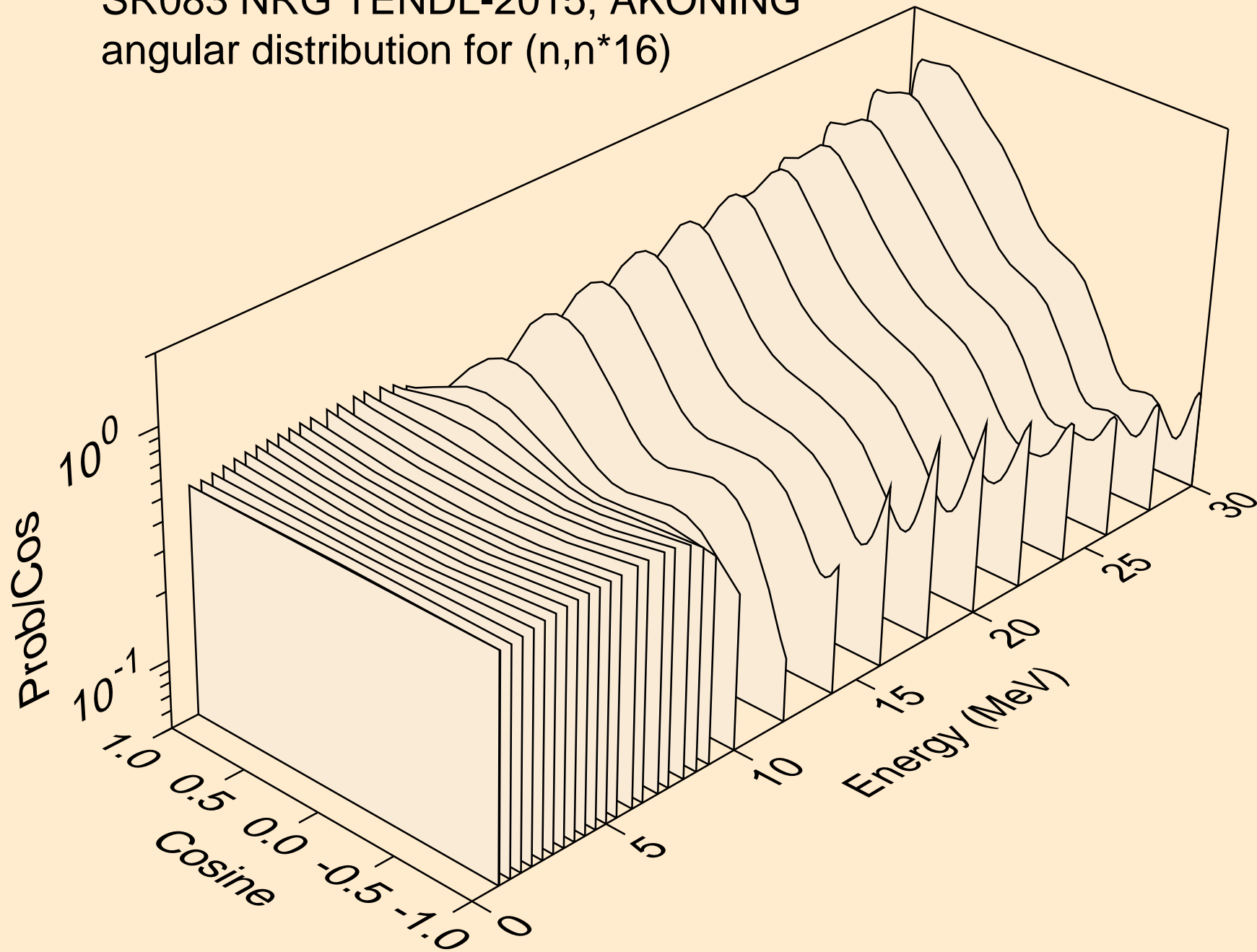
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



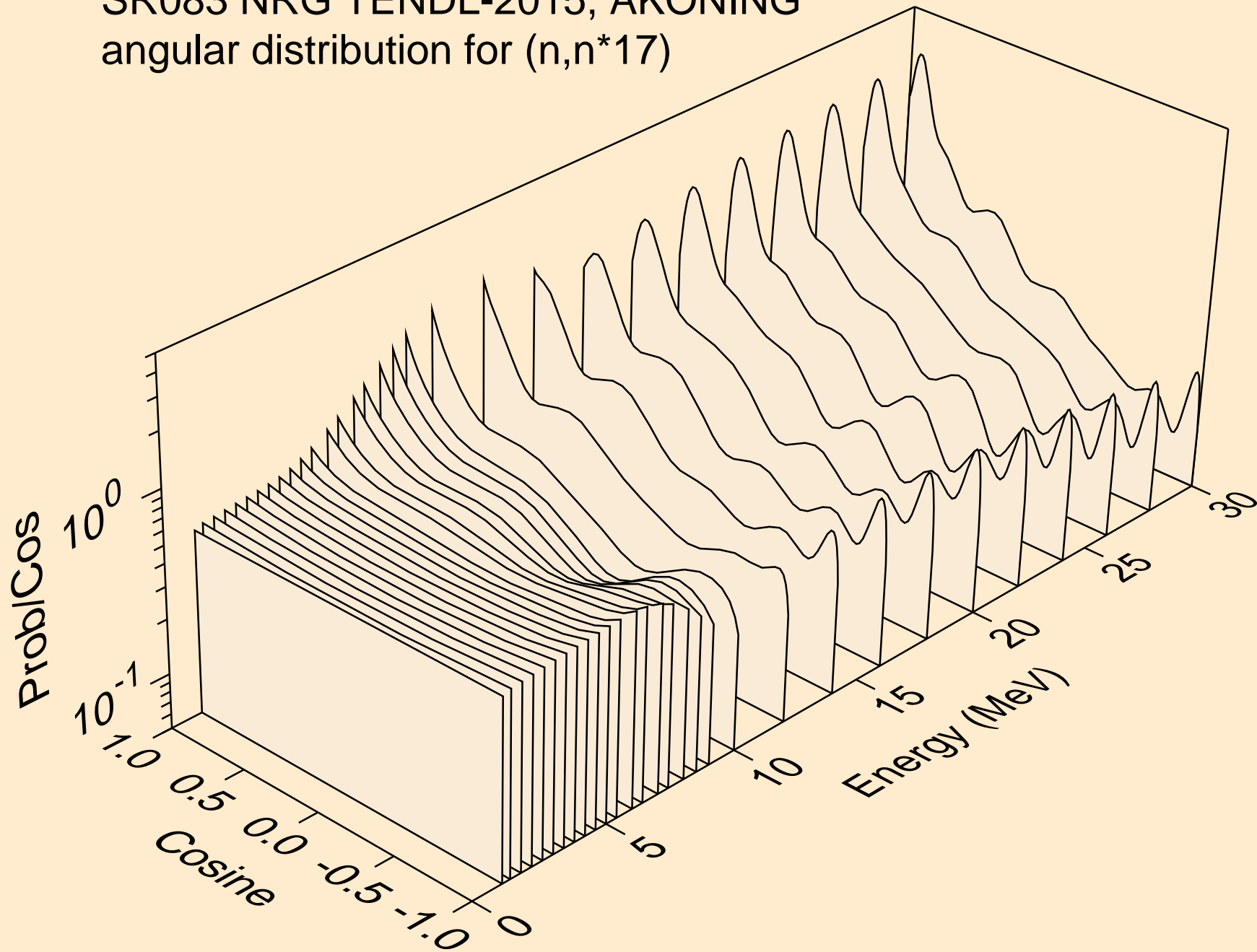
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



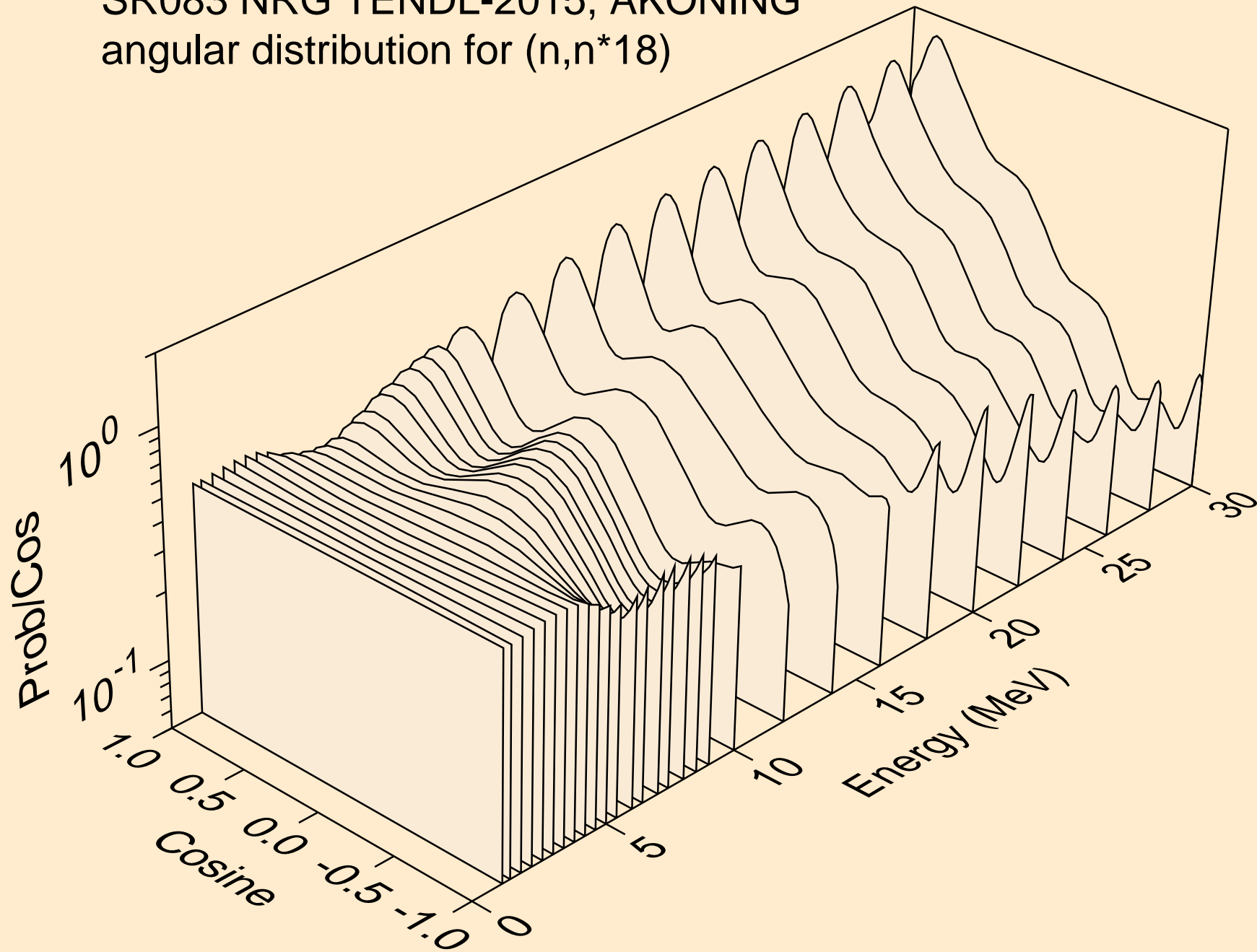
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



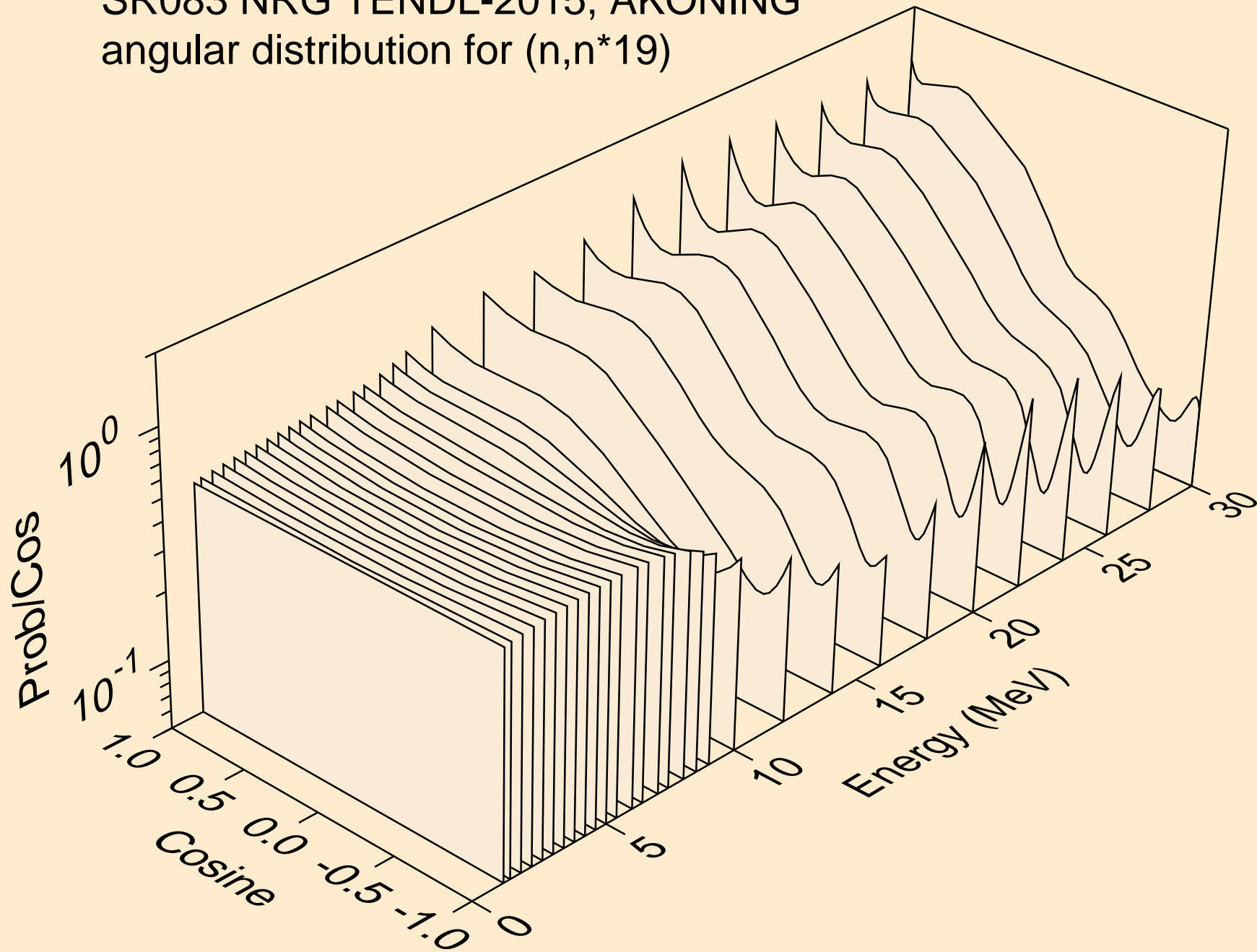
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



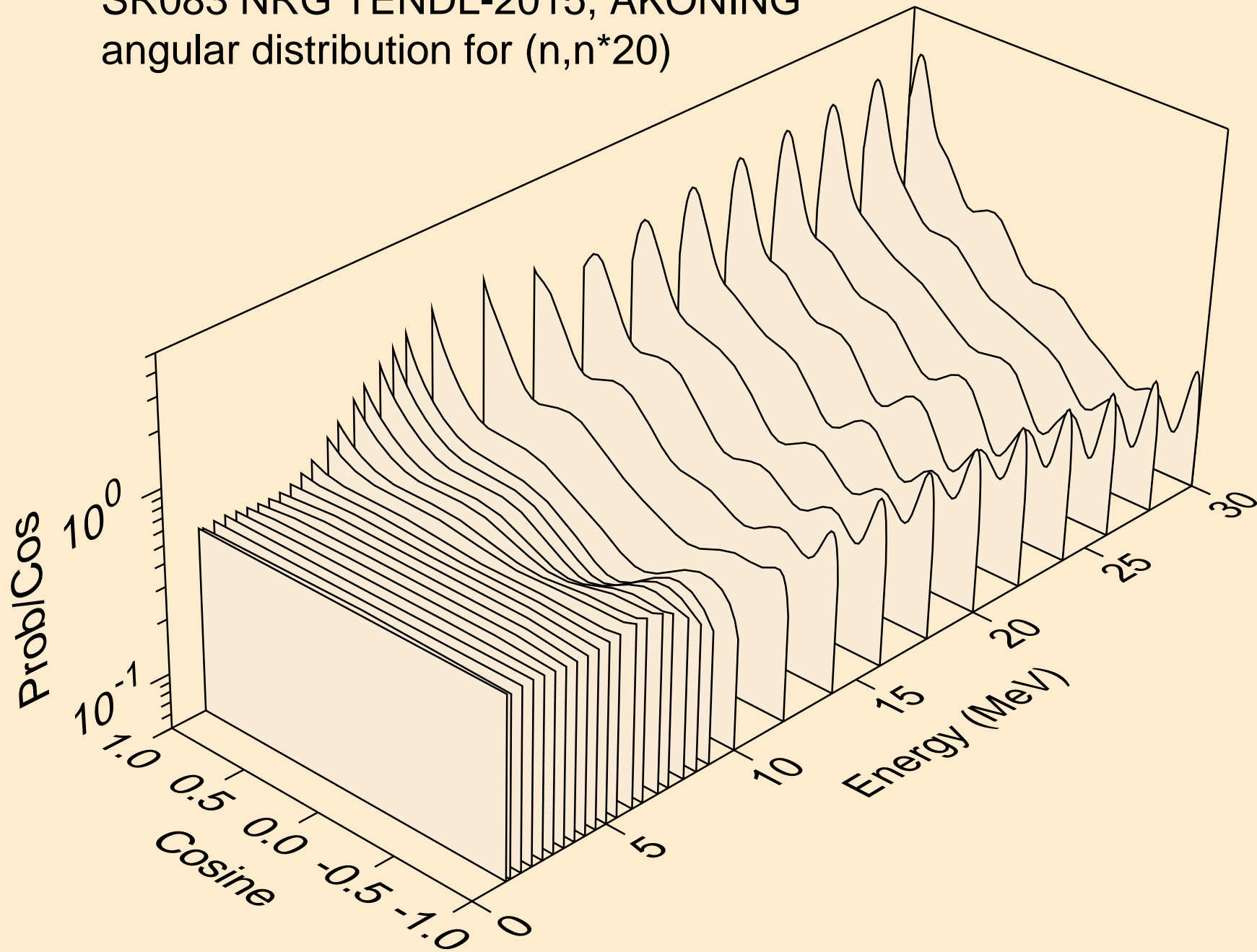
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



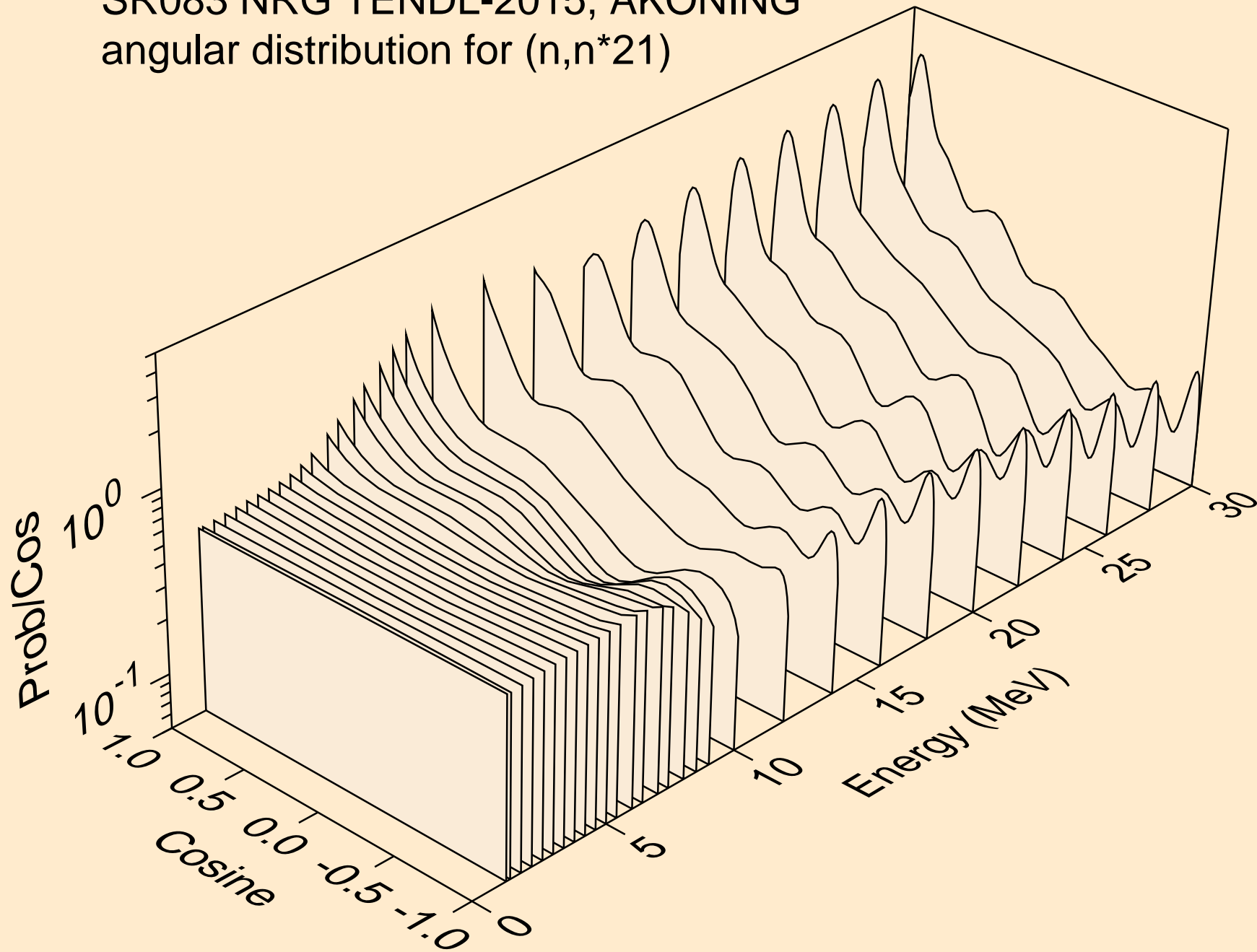
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

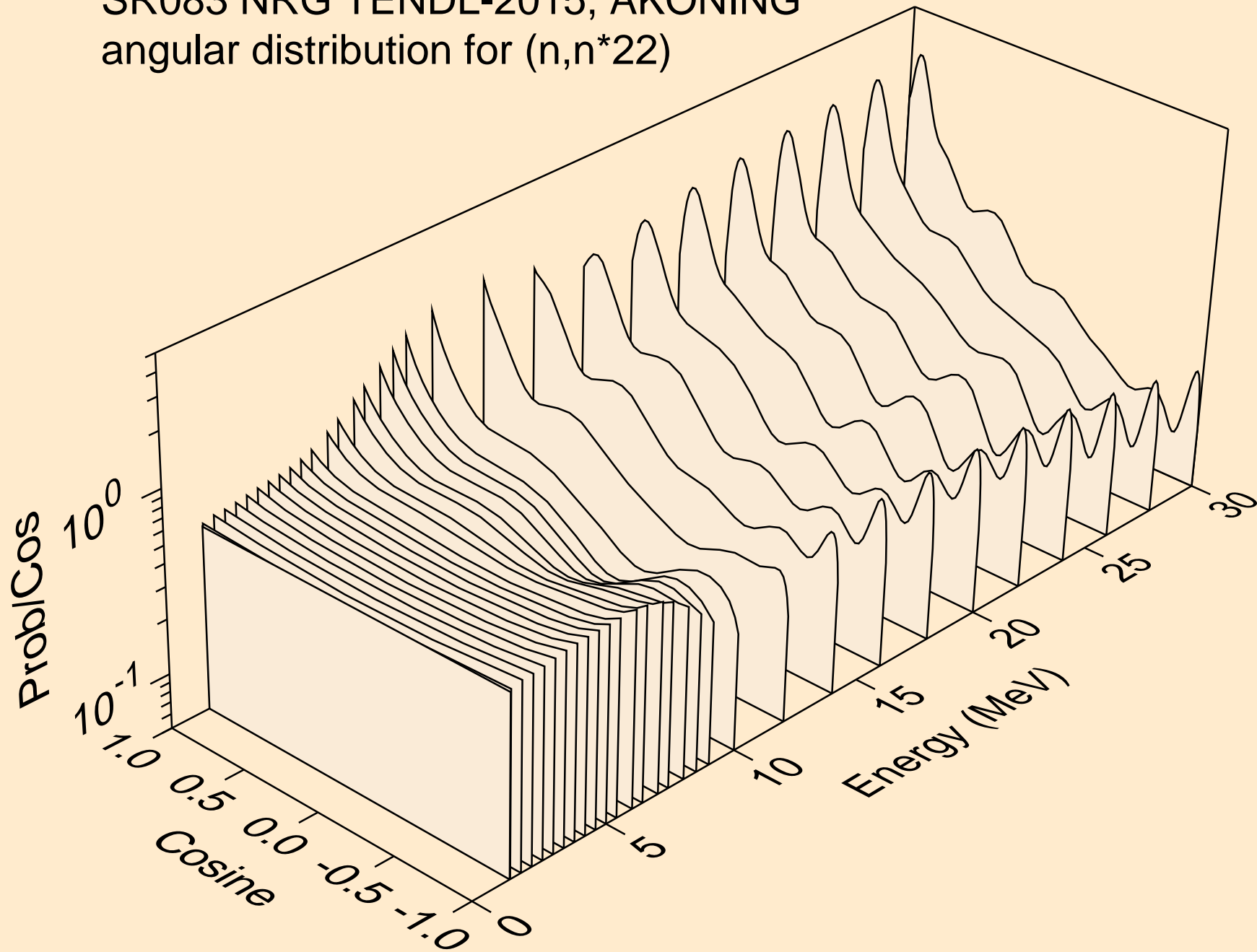


SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

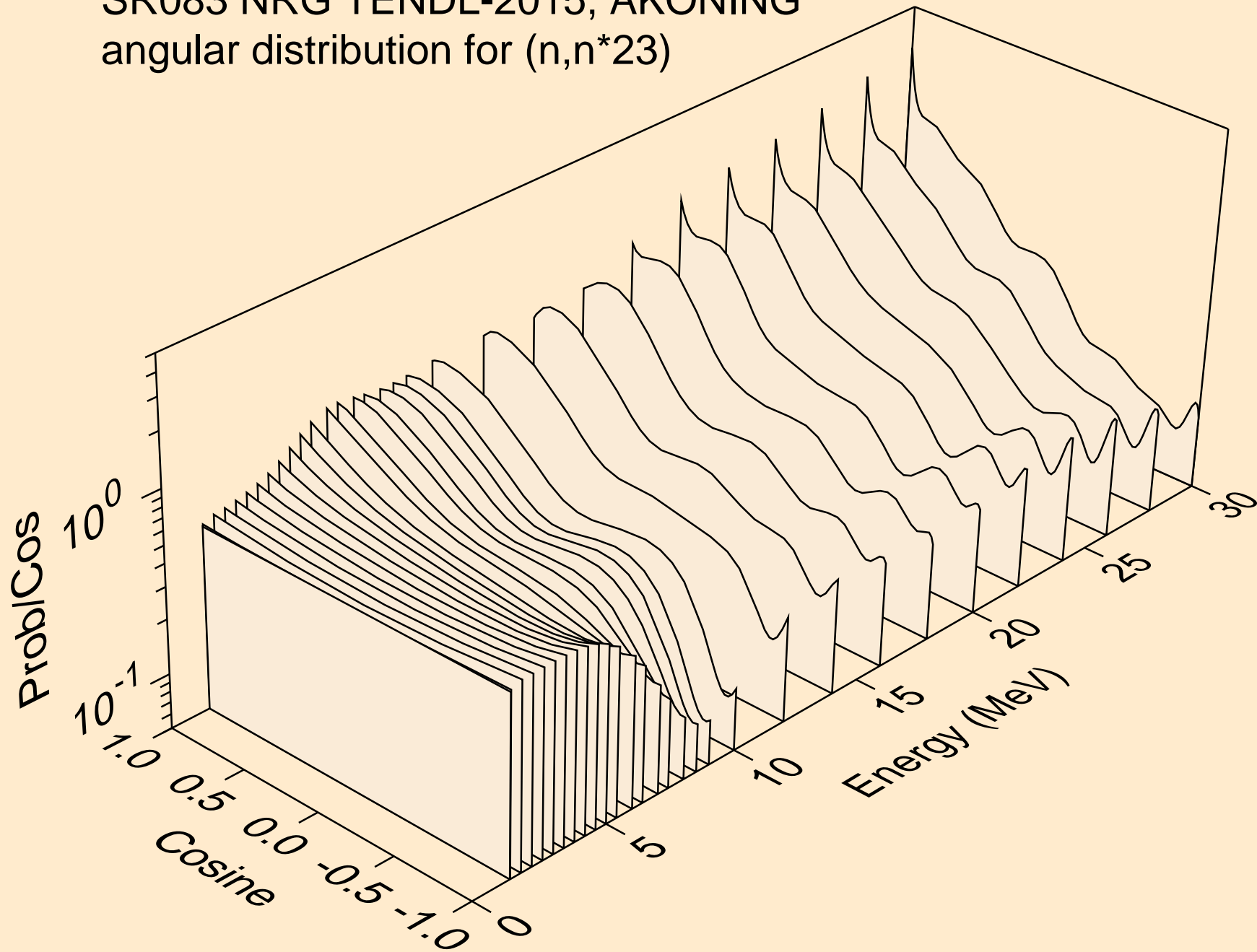




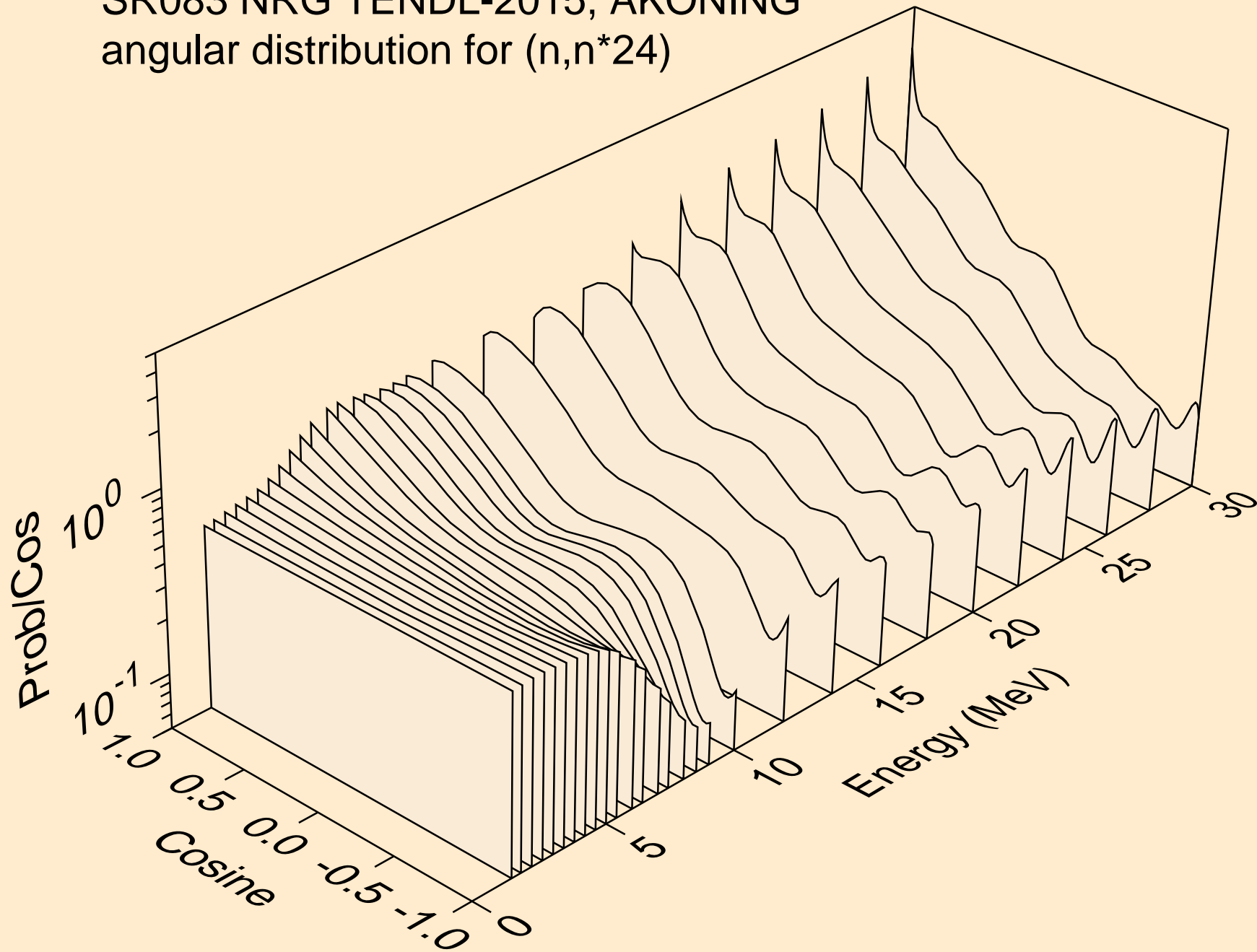
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



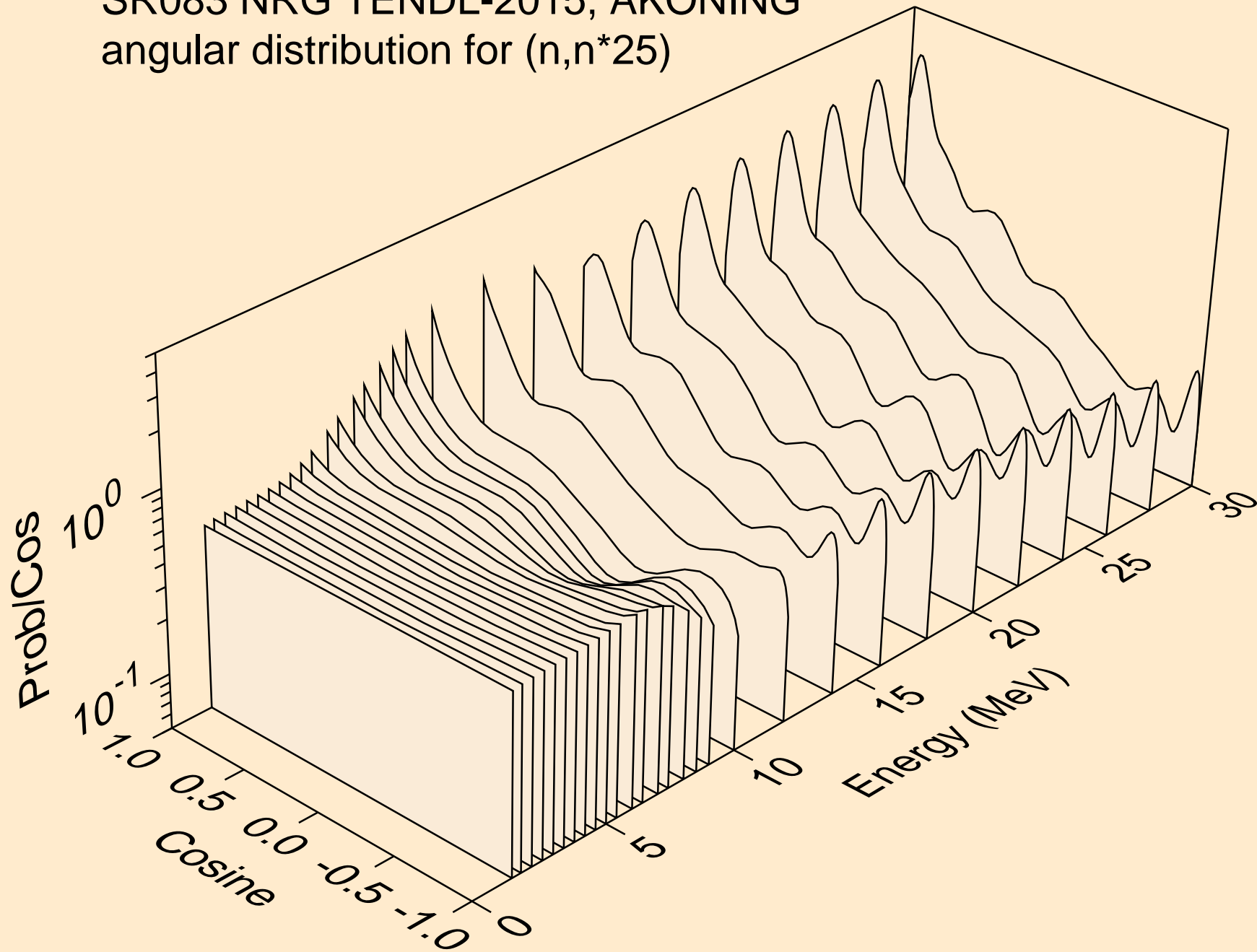
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



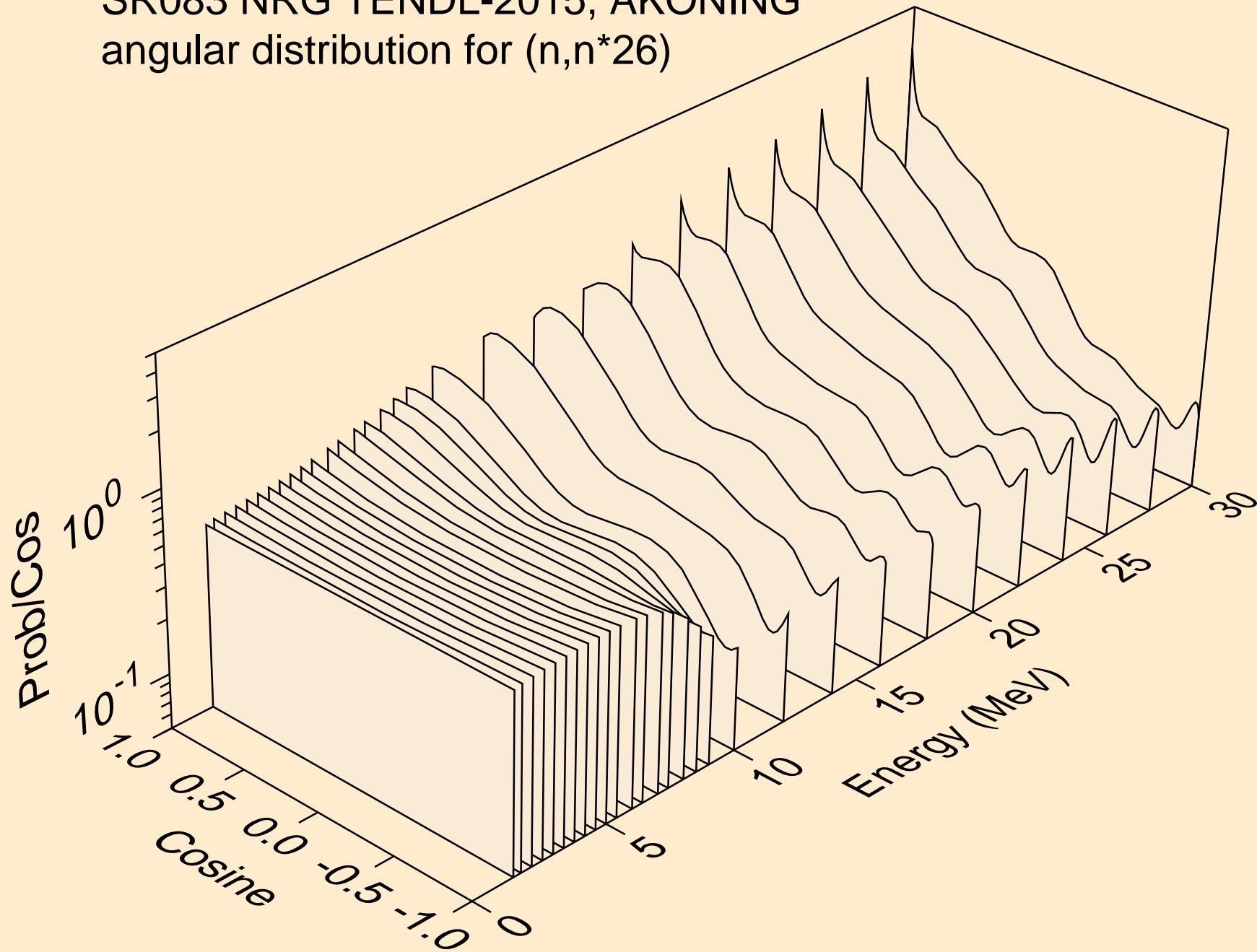
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



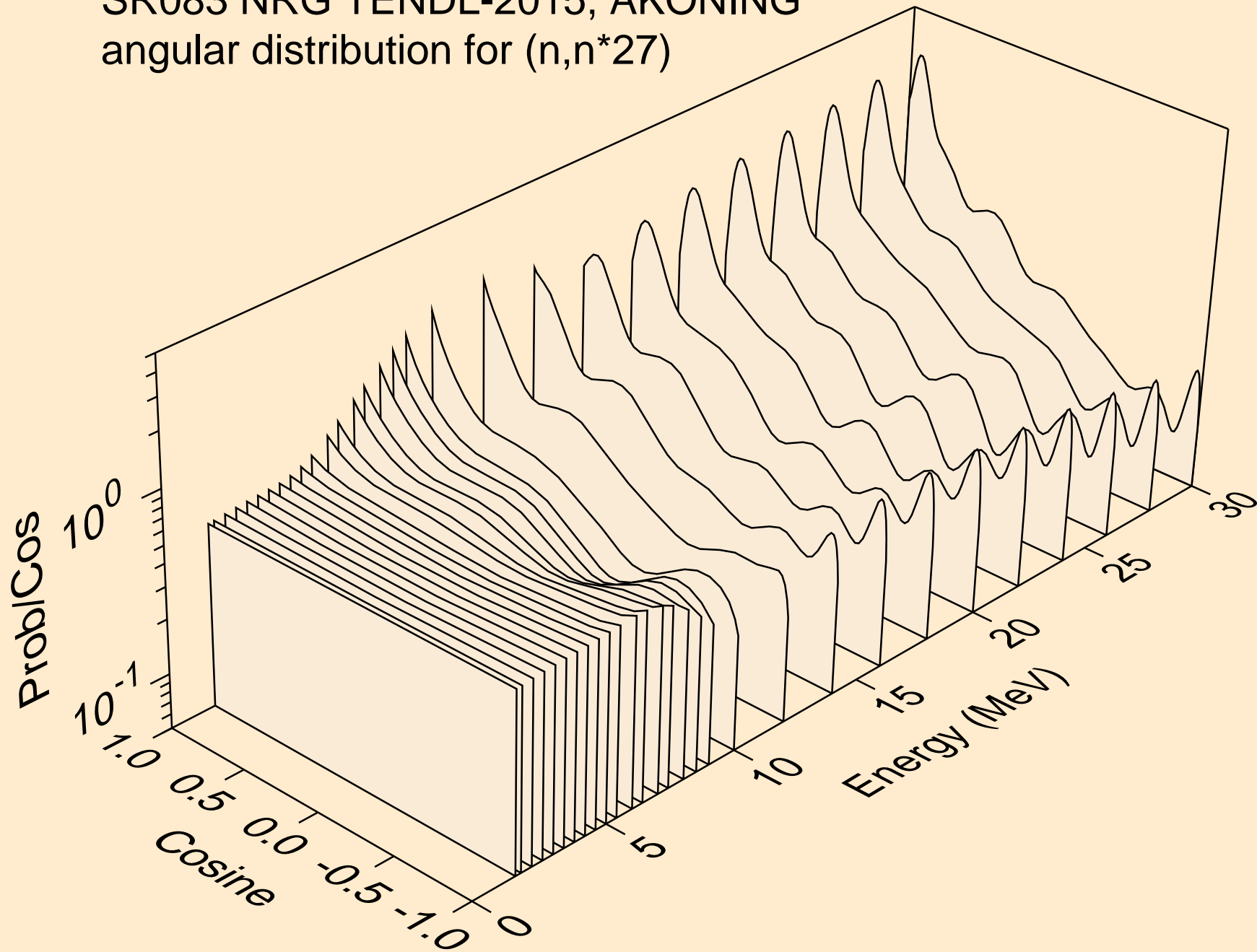
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



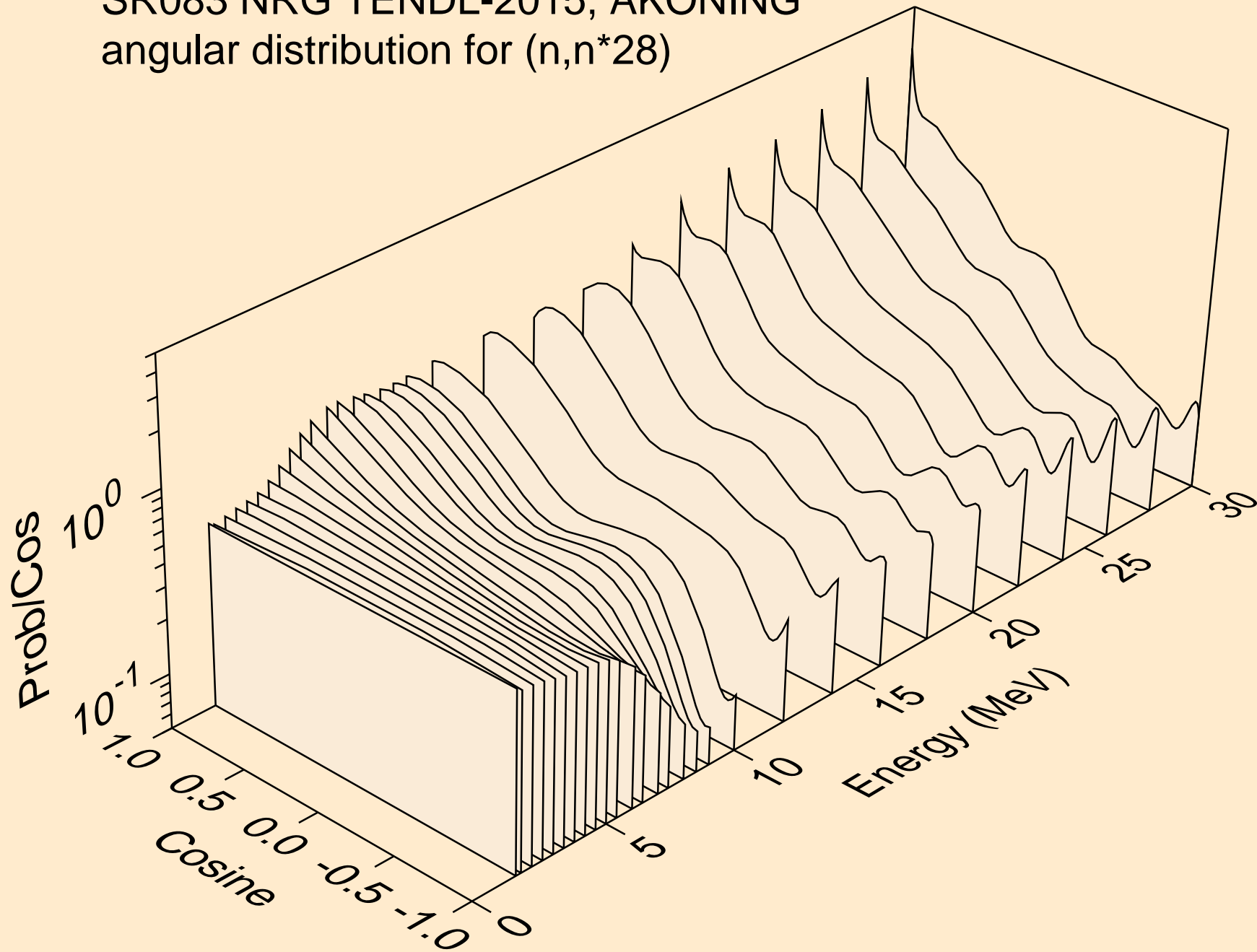
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



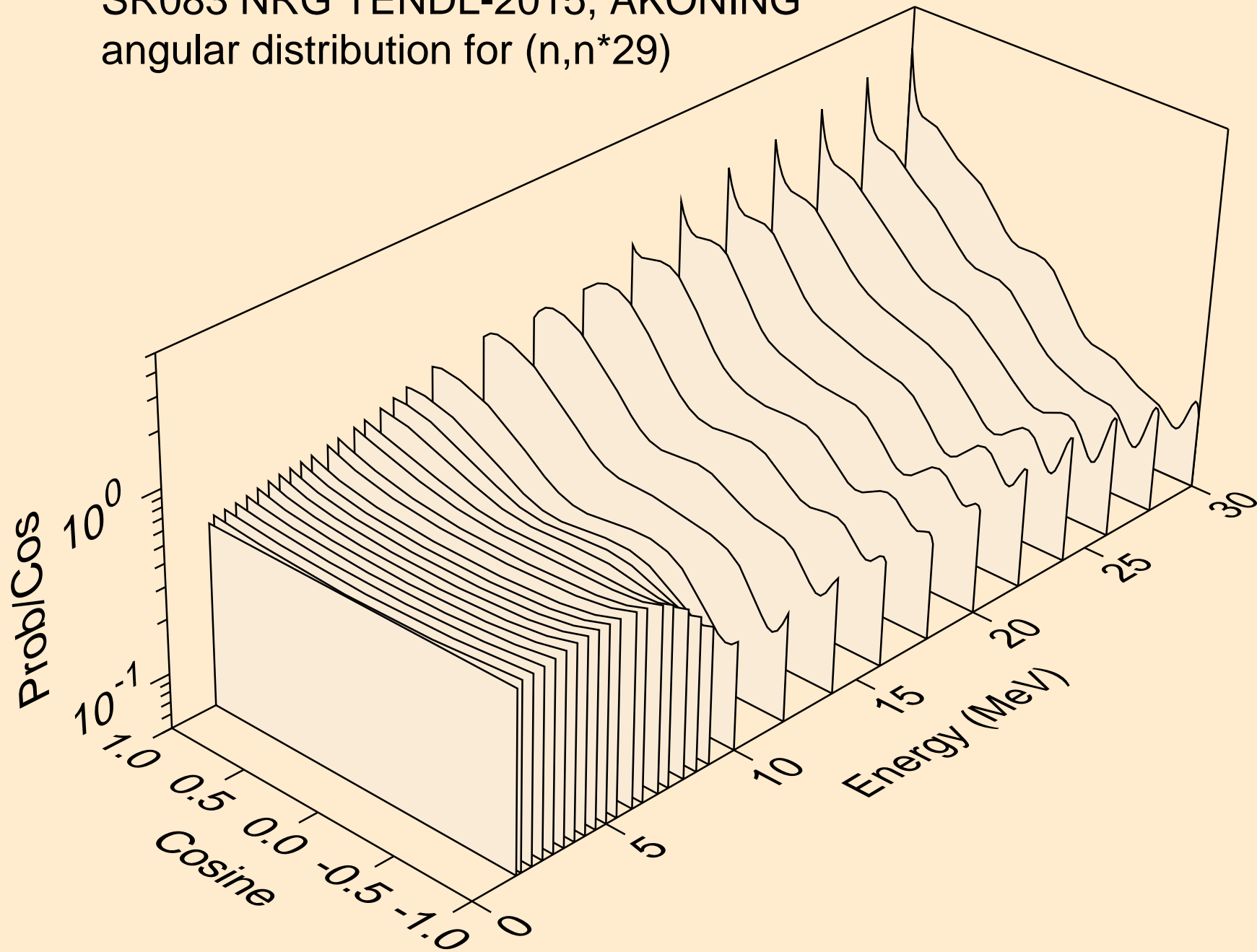
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

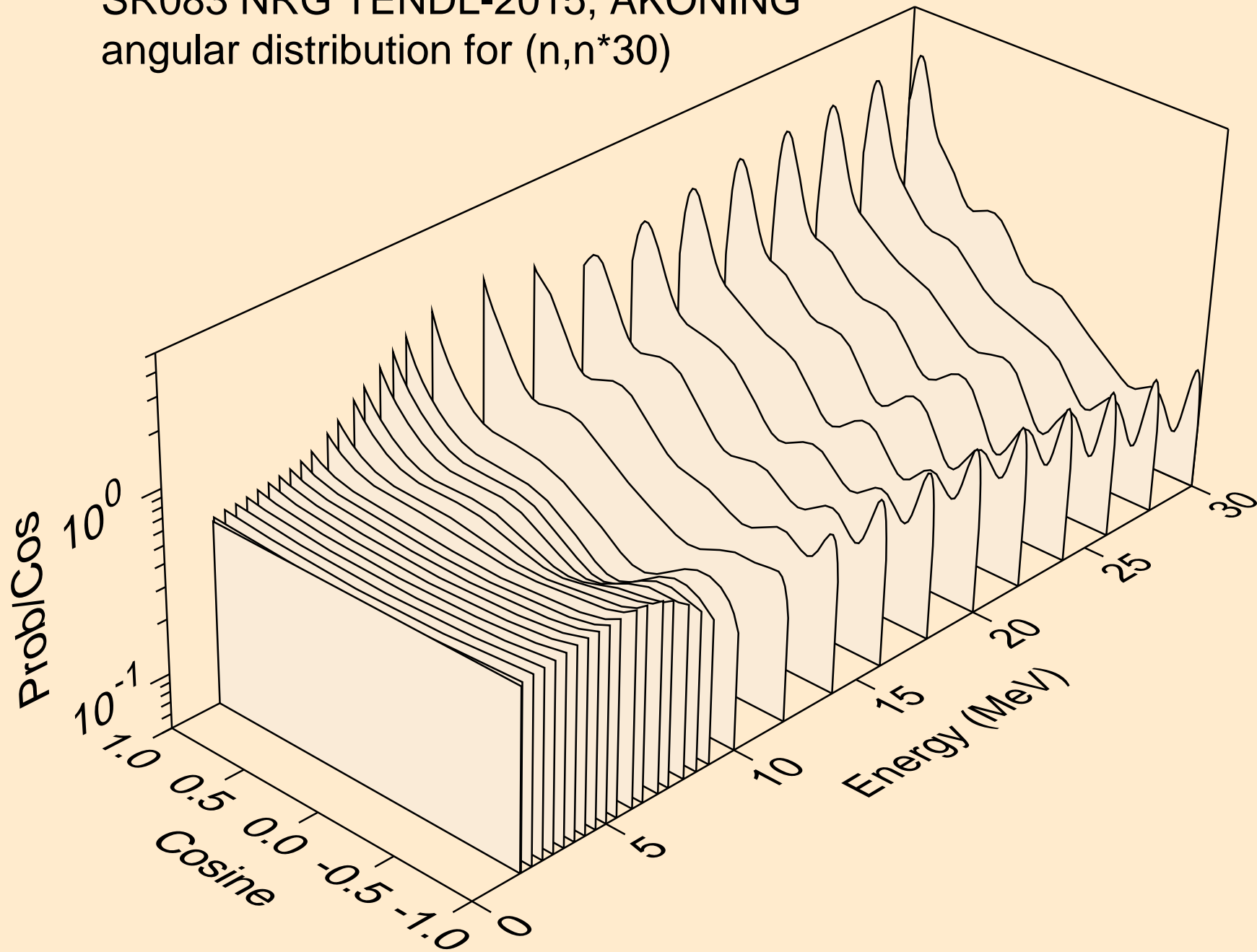


SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

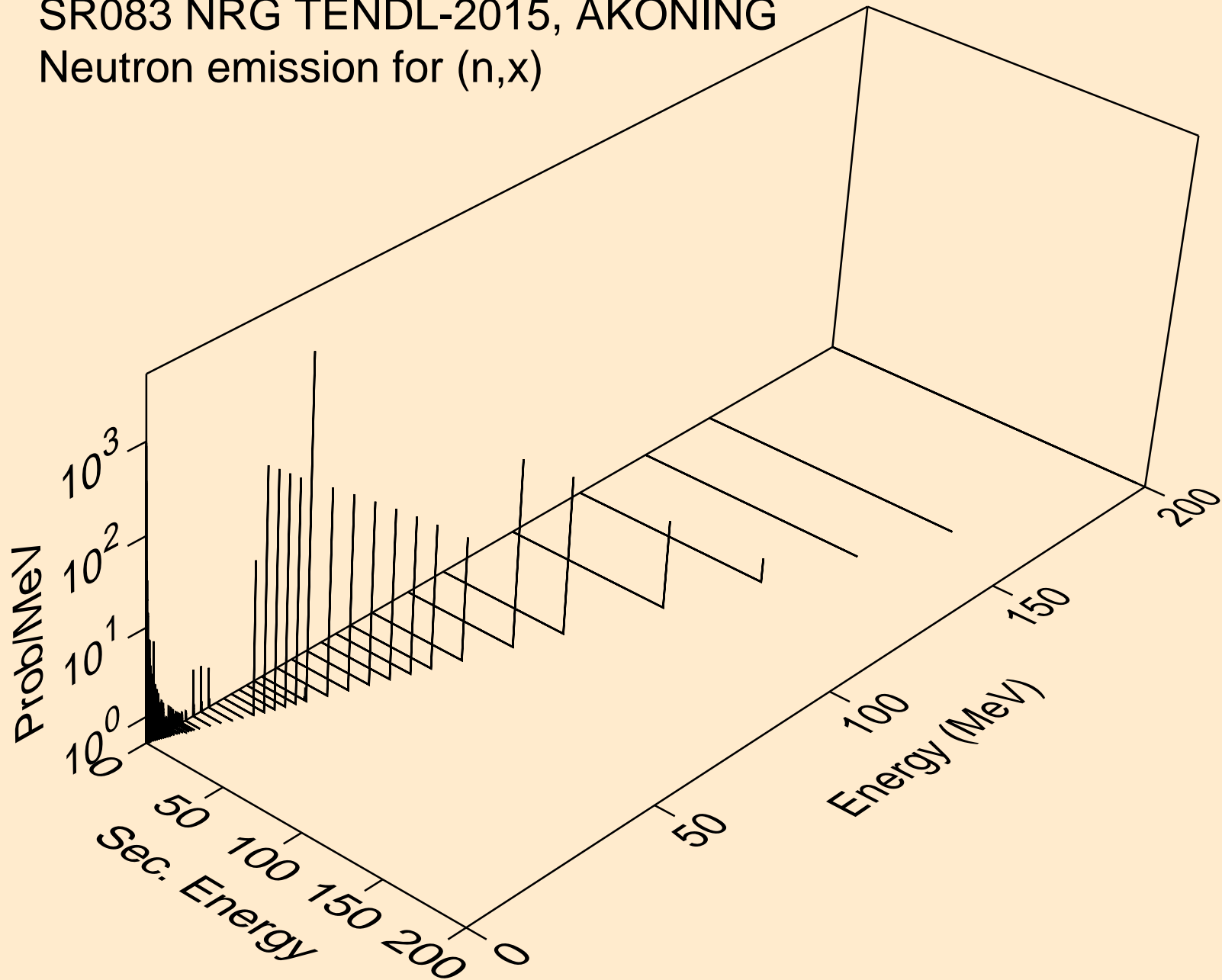




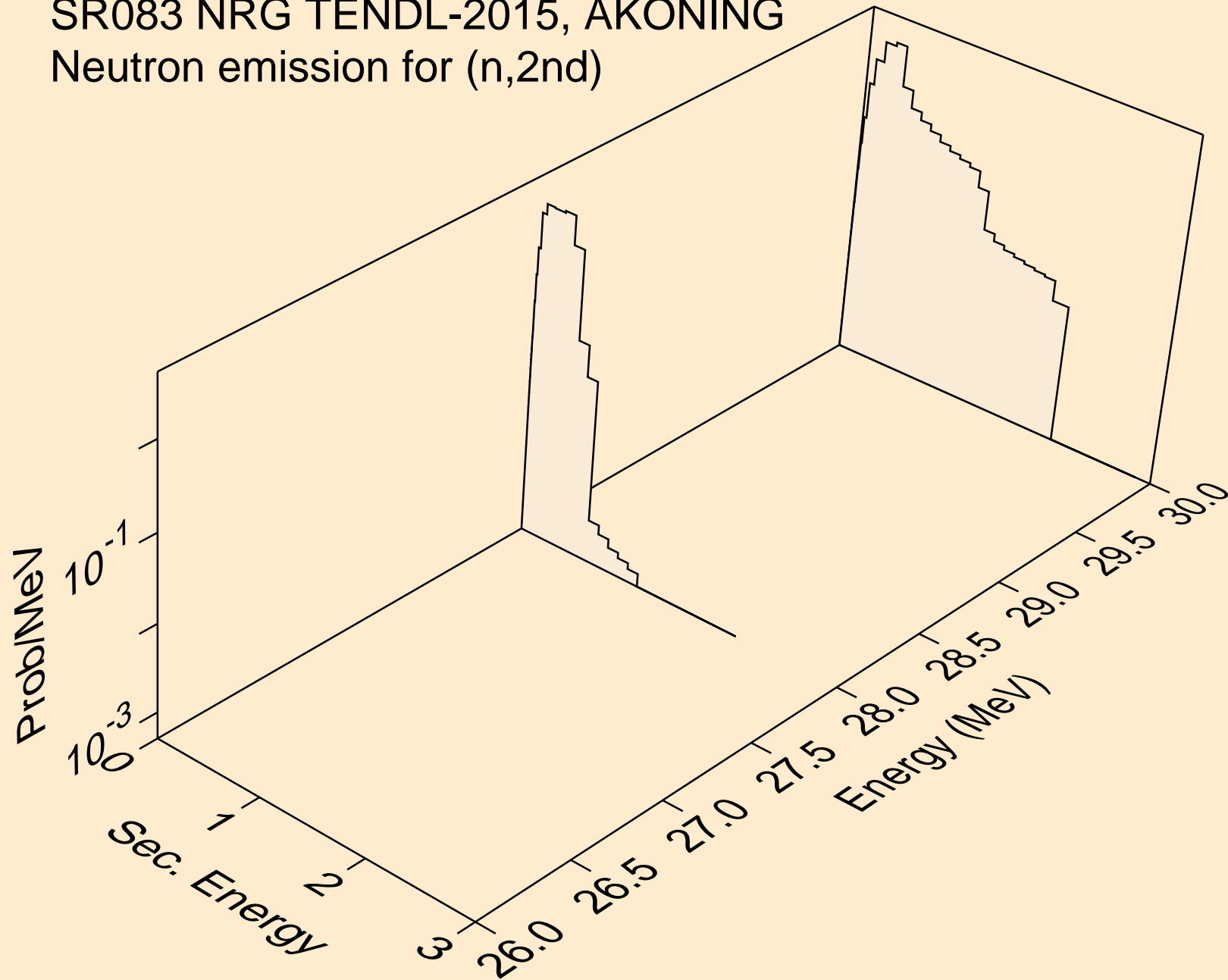
SR083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



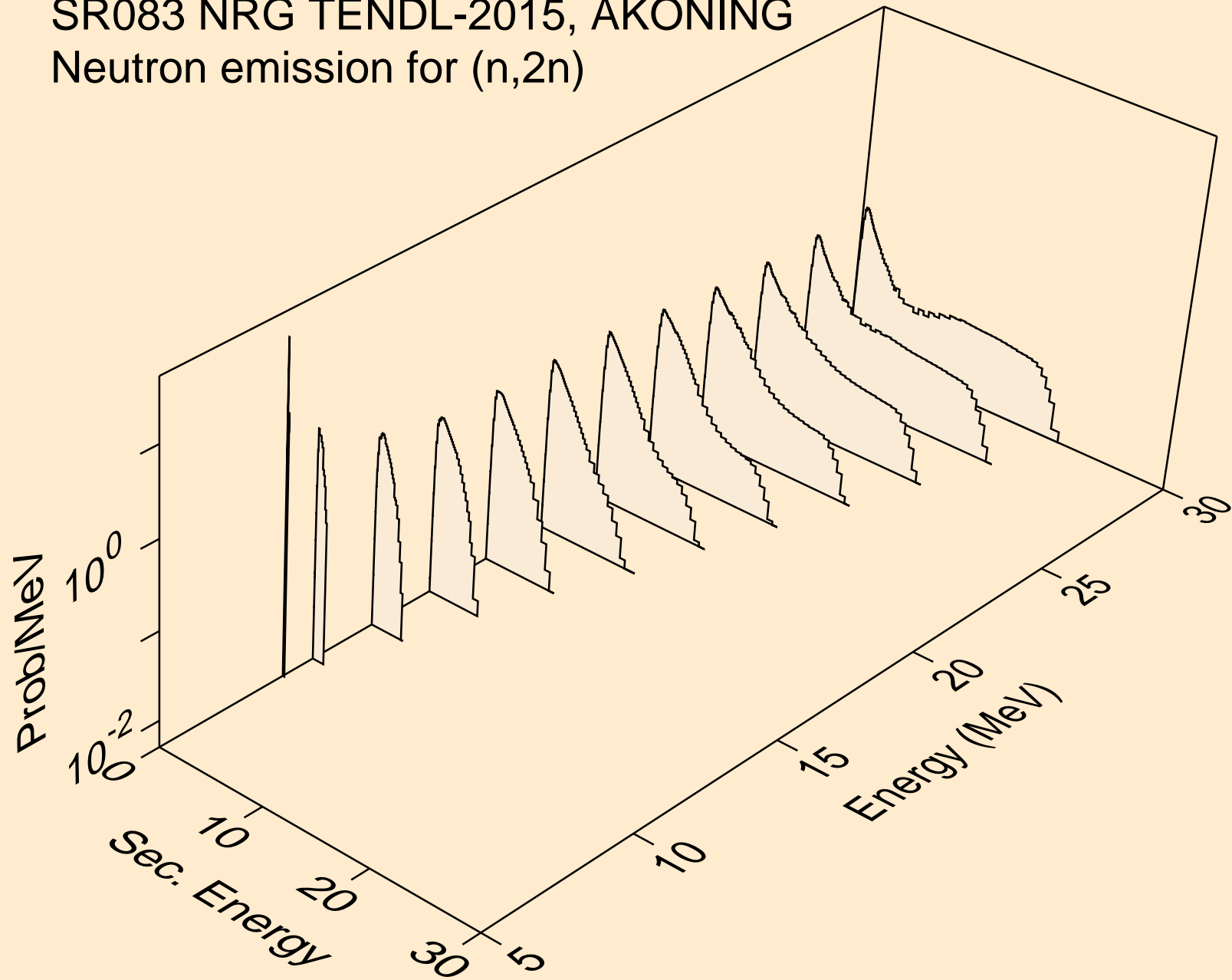
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



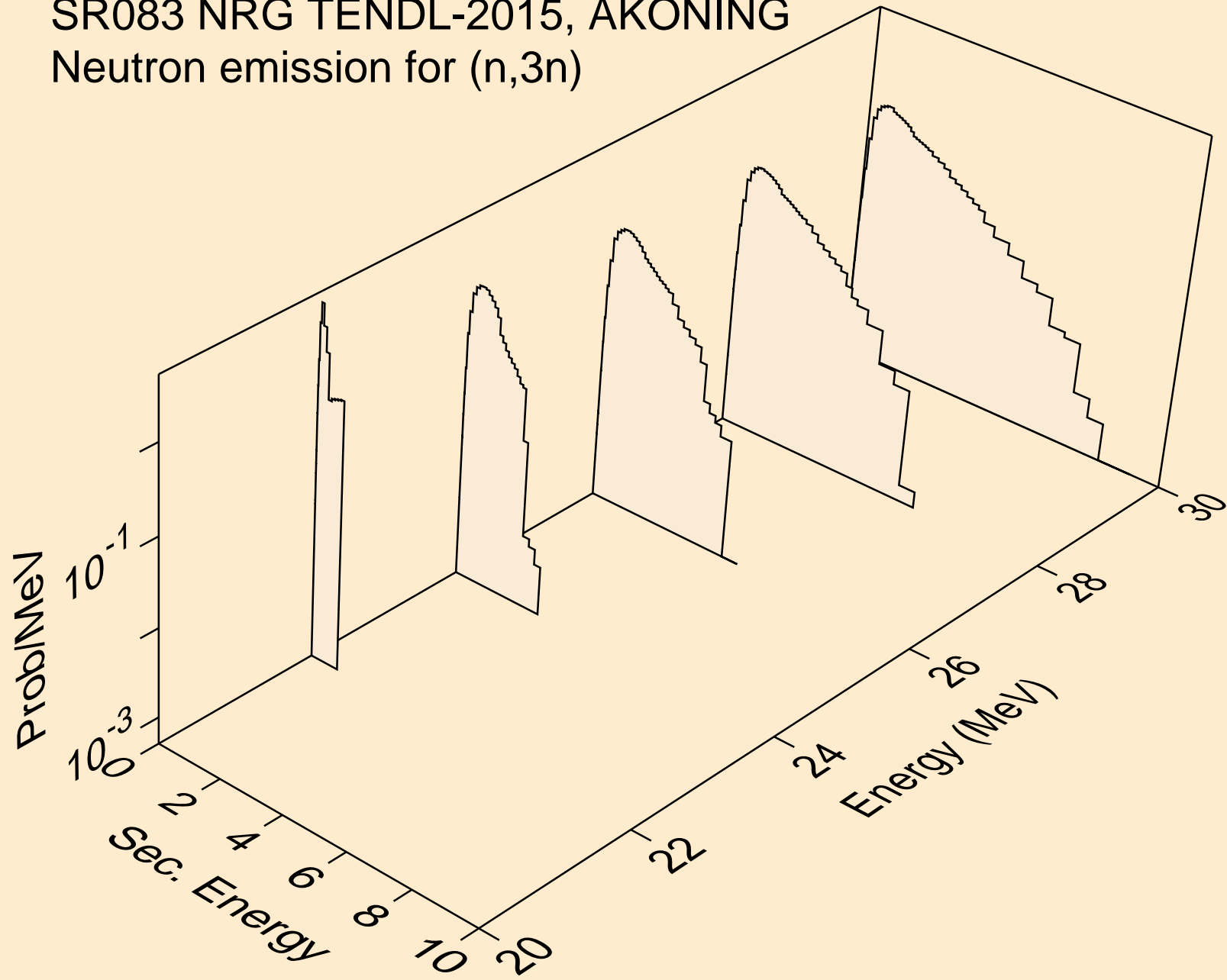
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



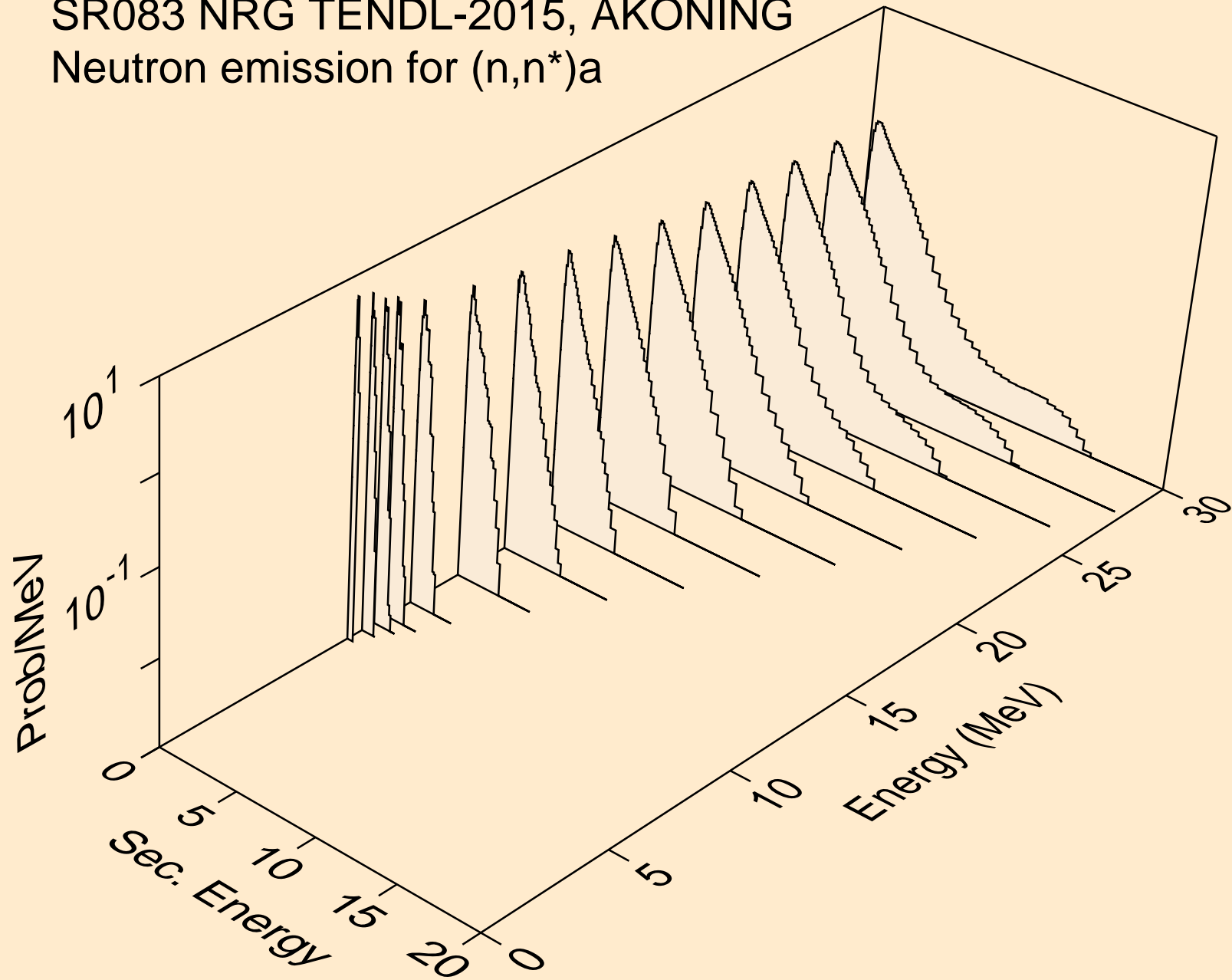
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



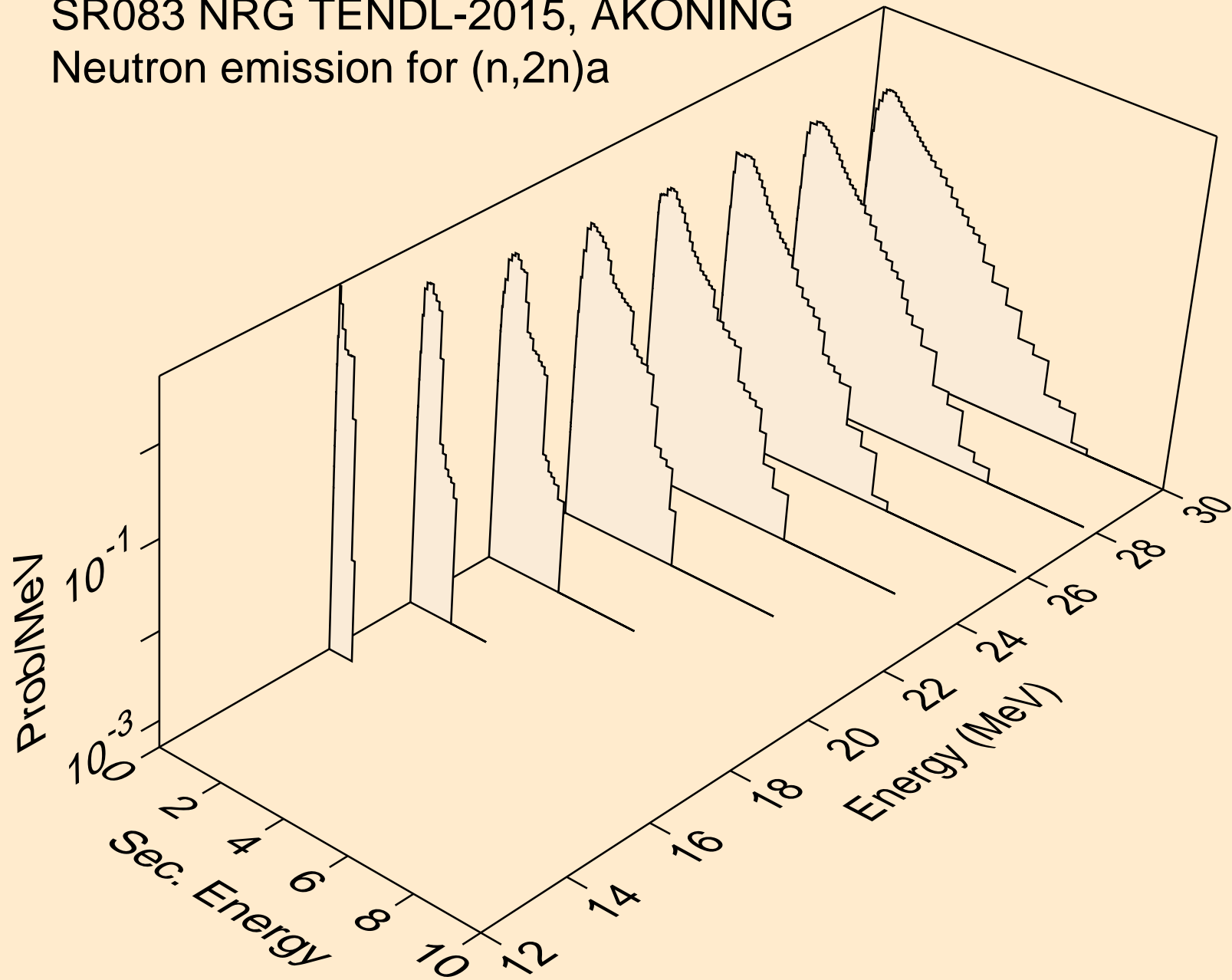
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



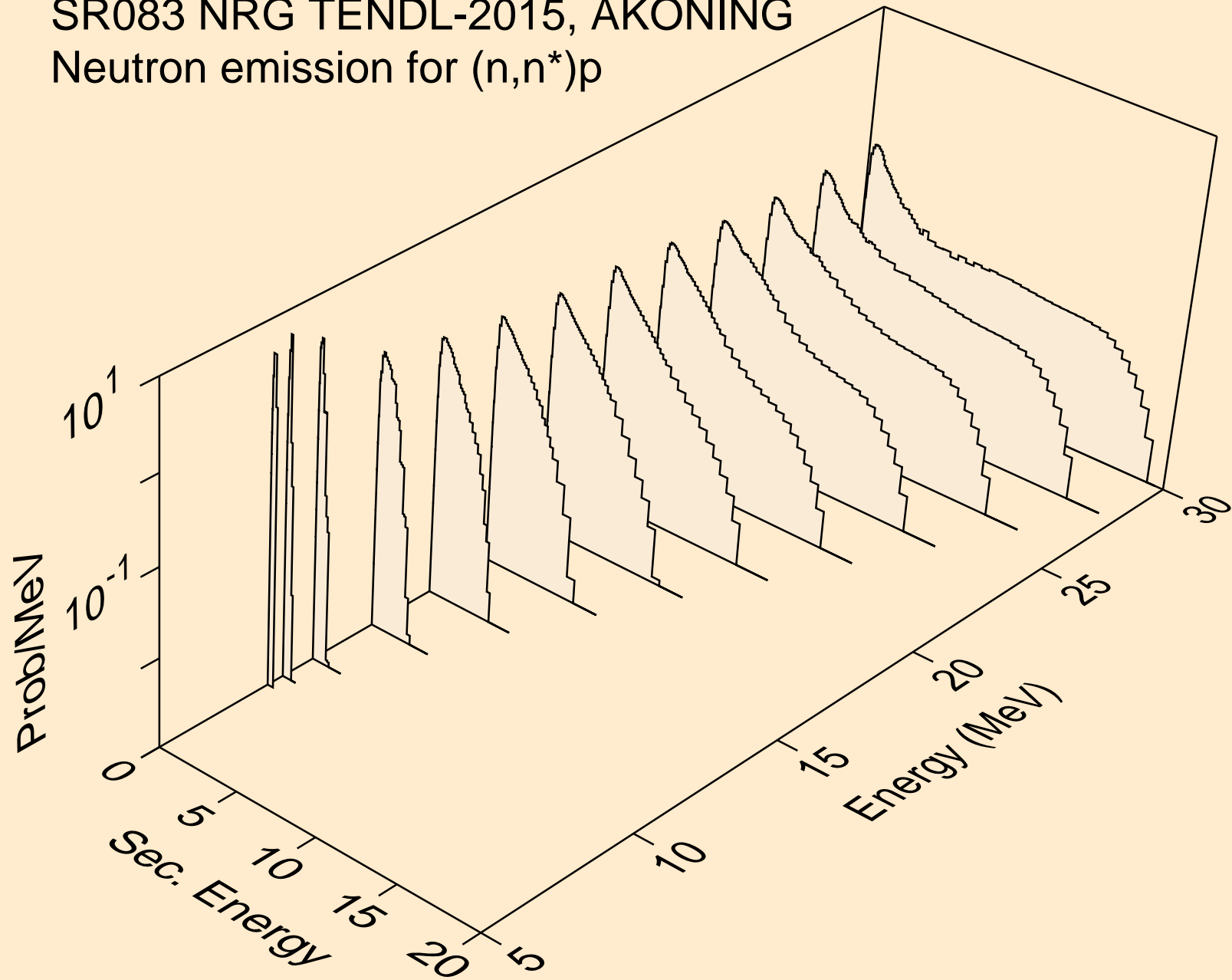
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

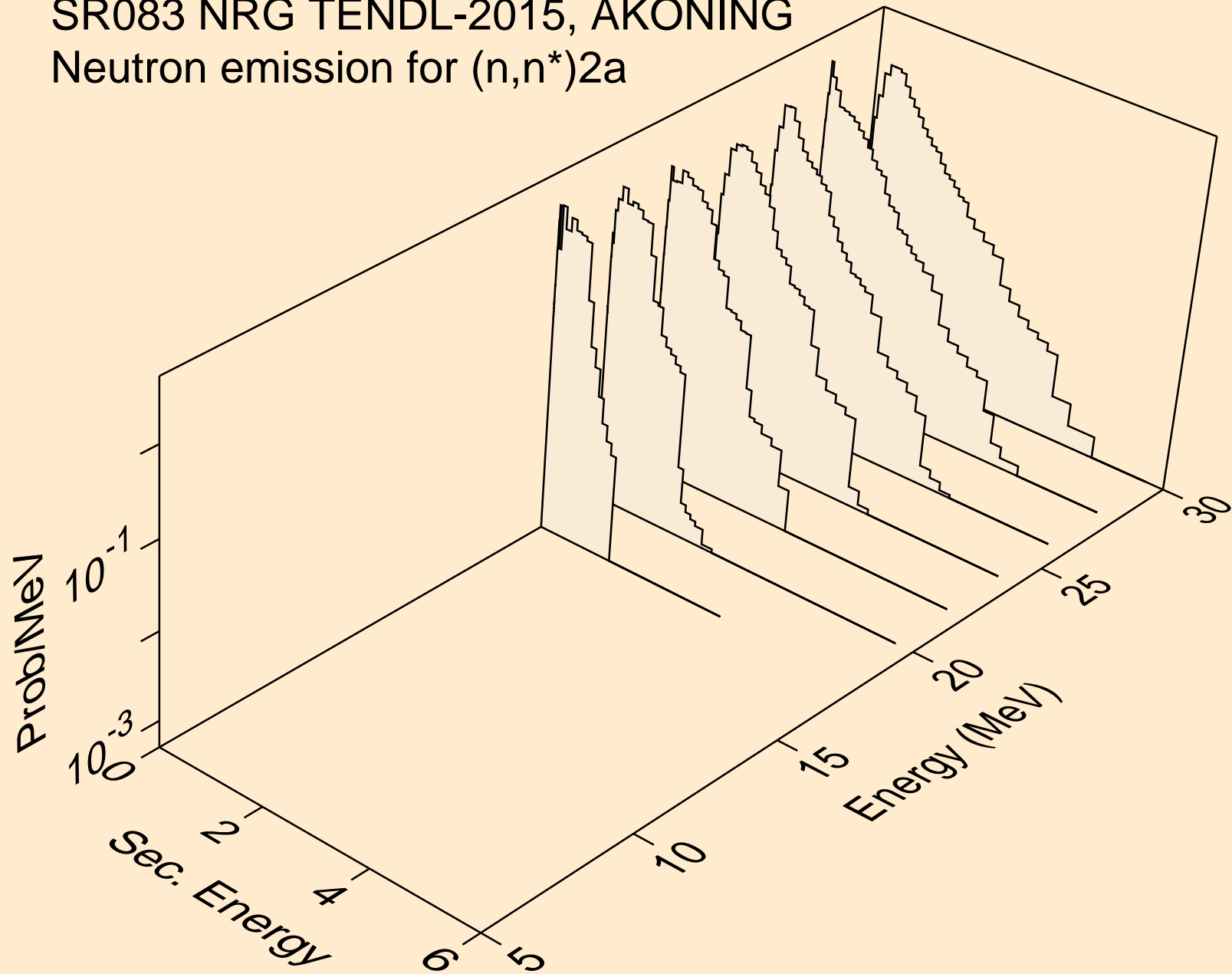


SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

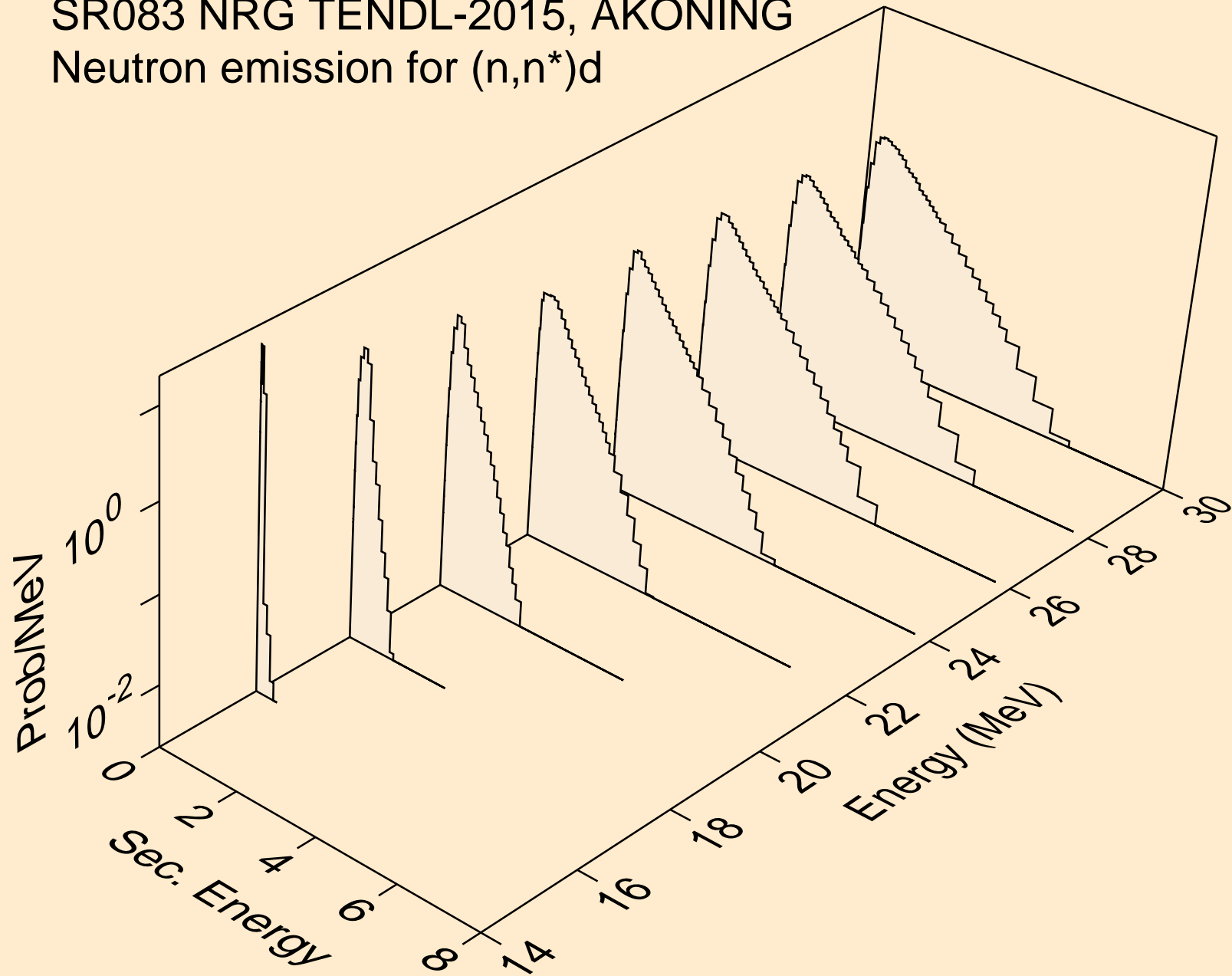




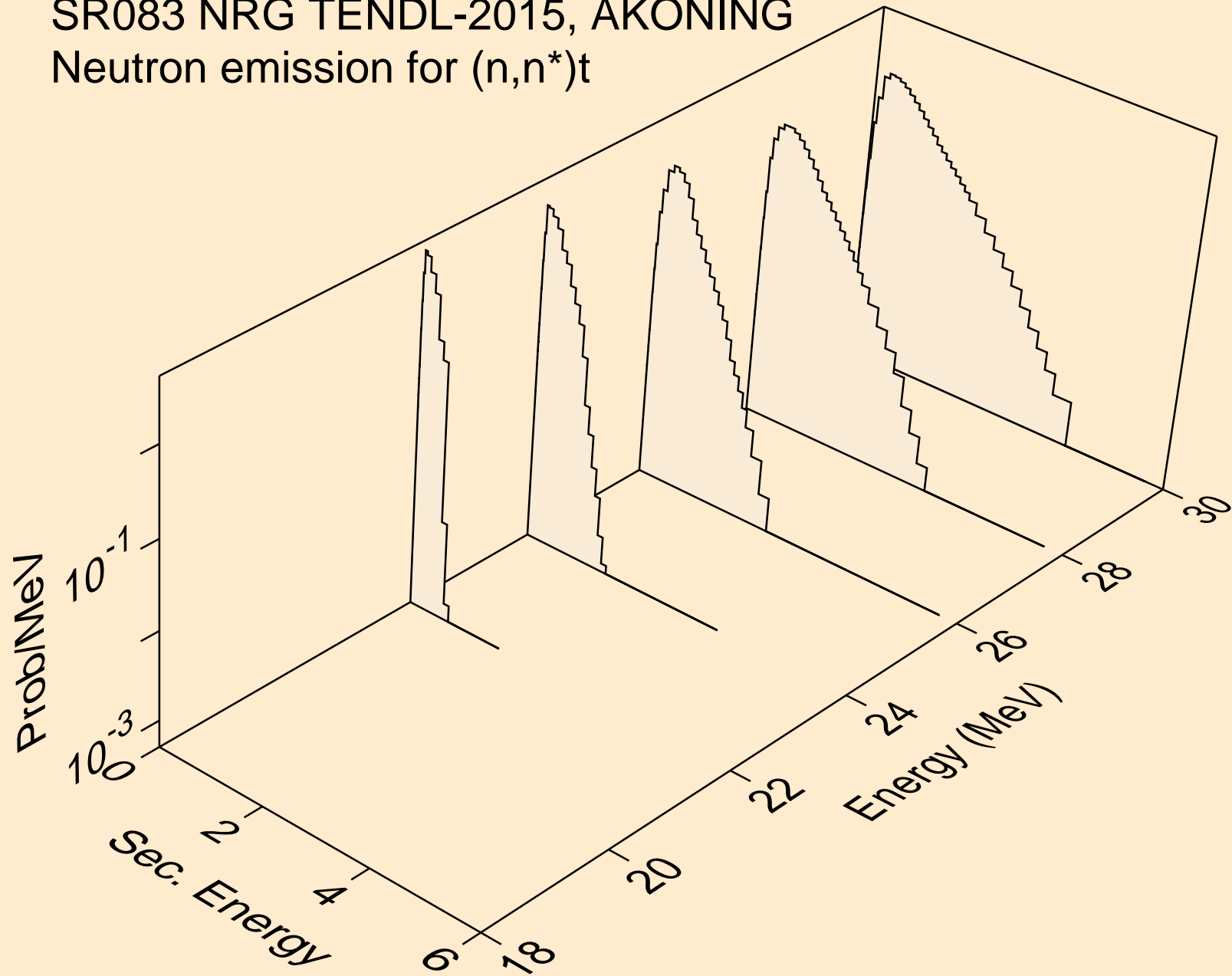
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



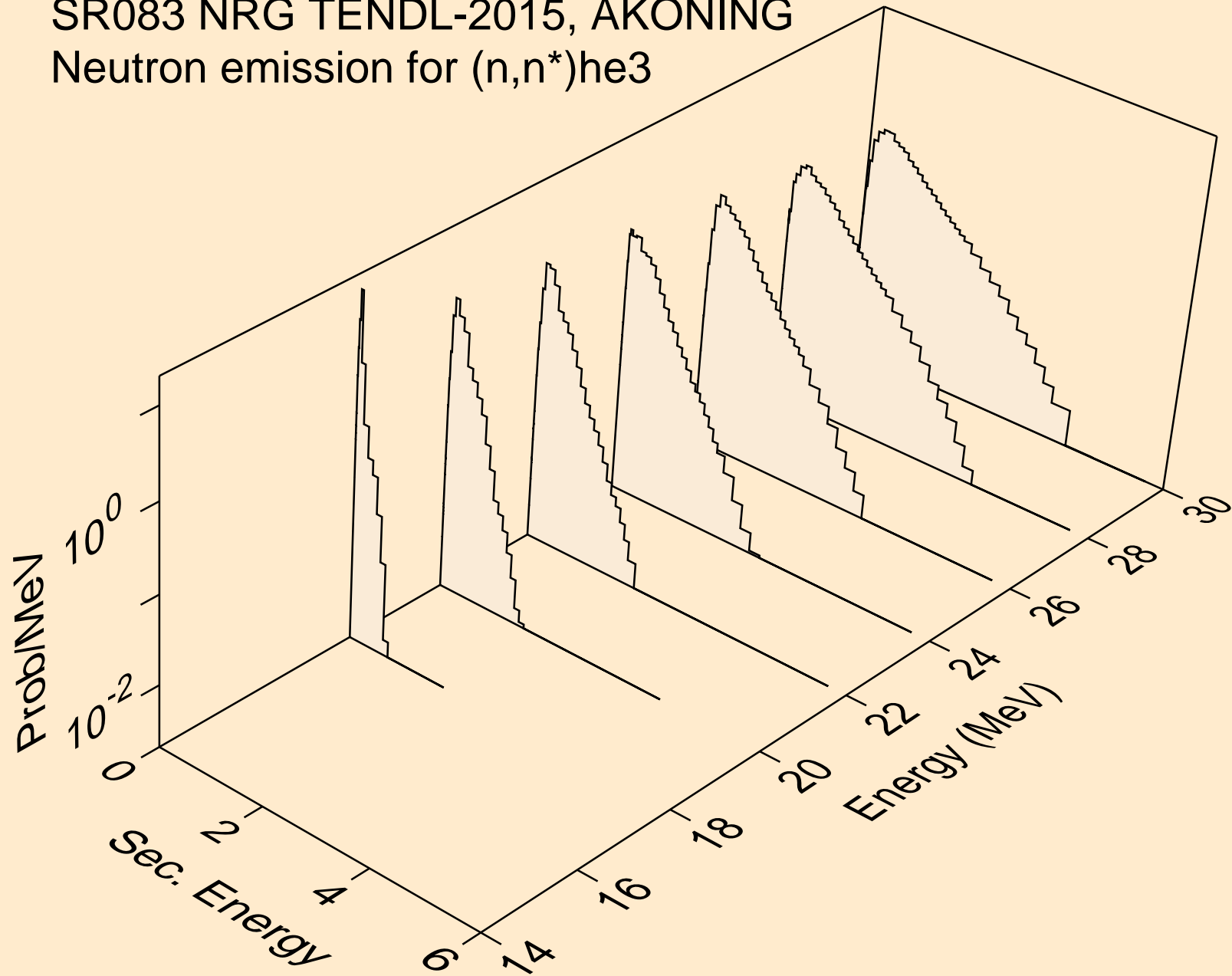
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



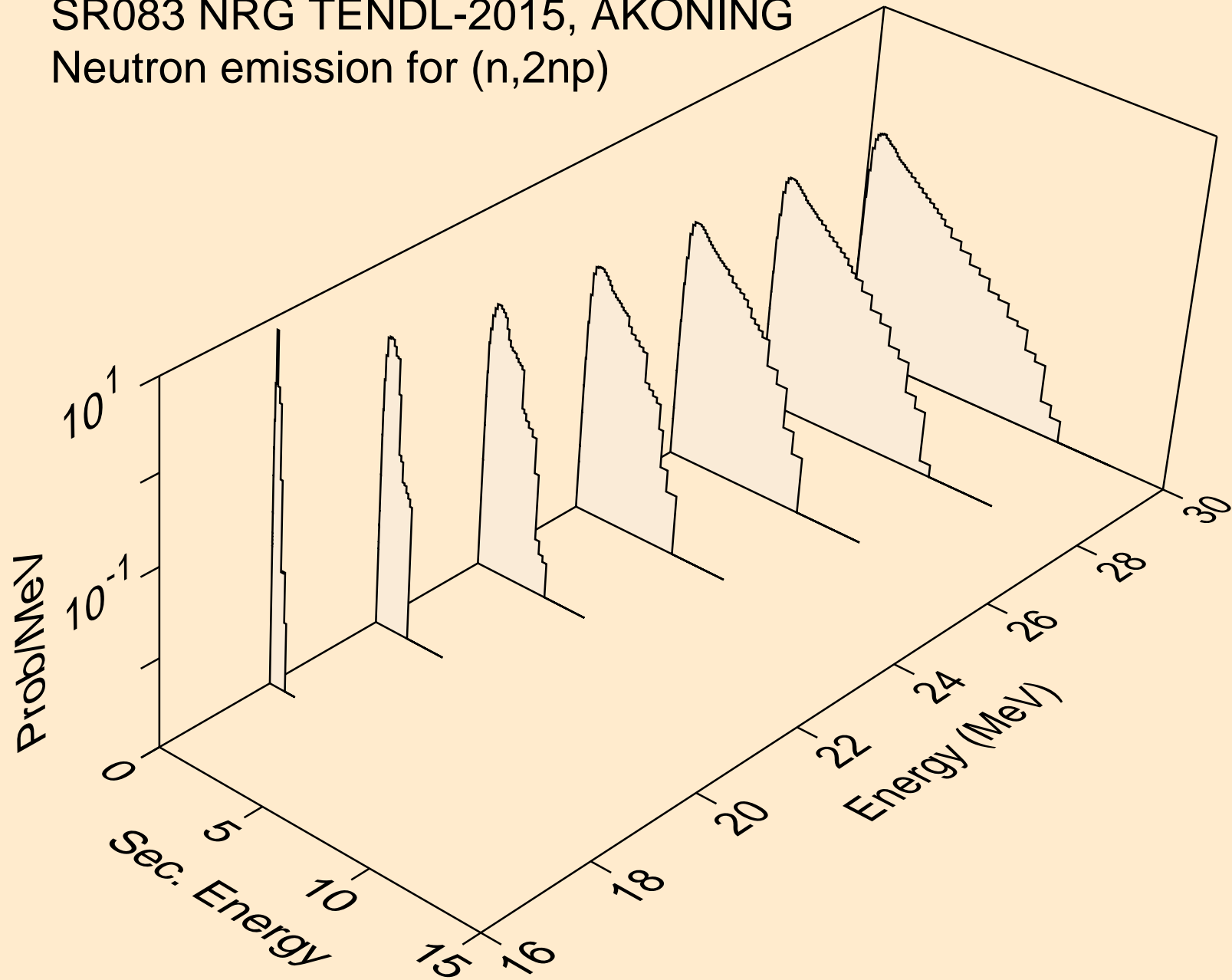
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



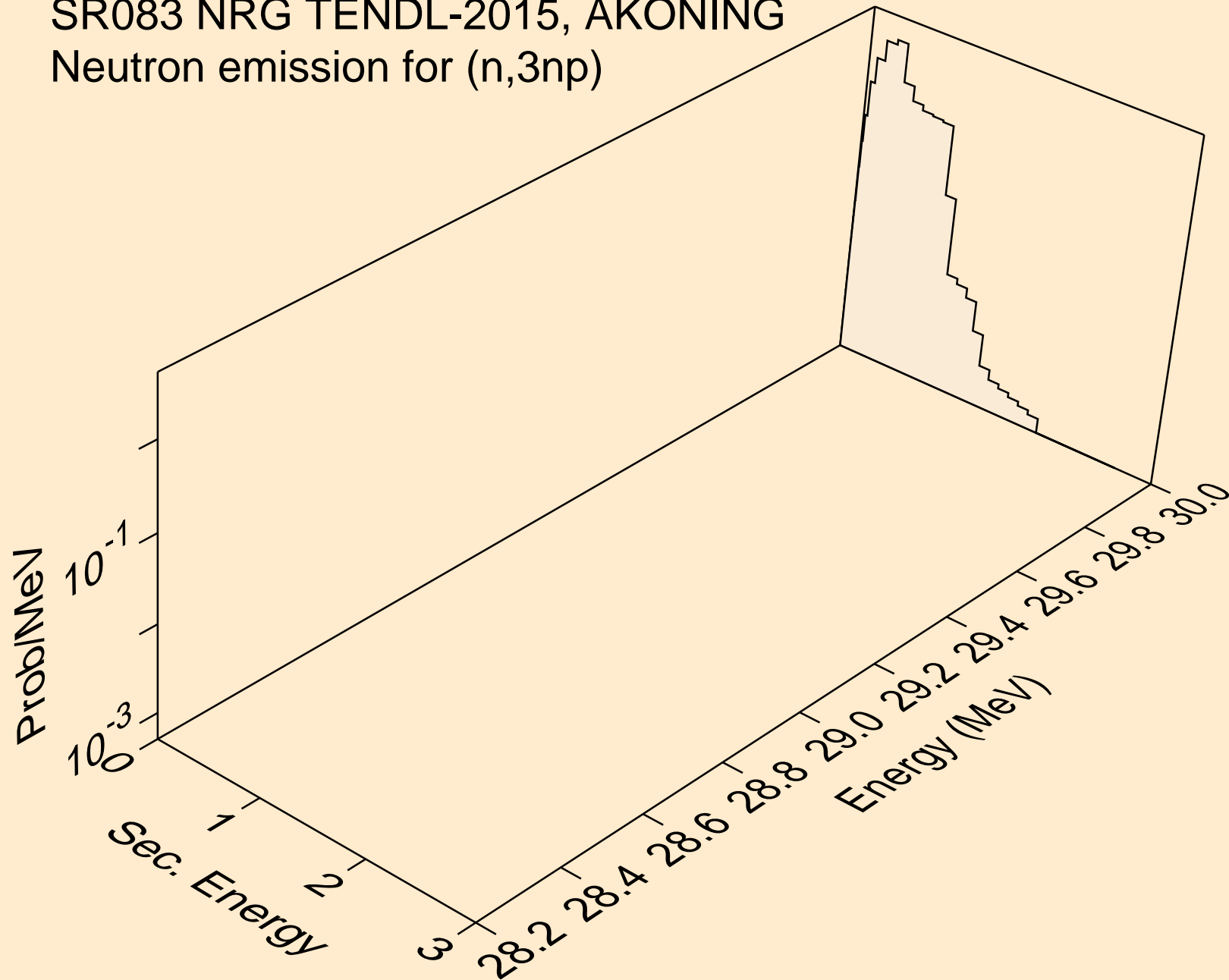
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



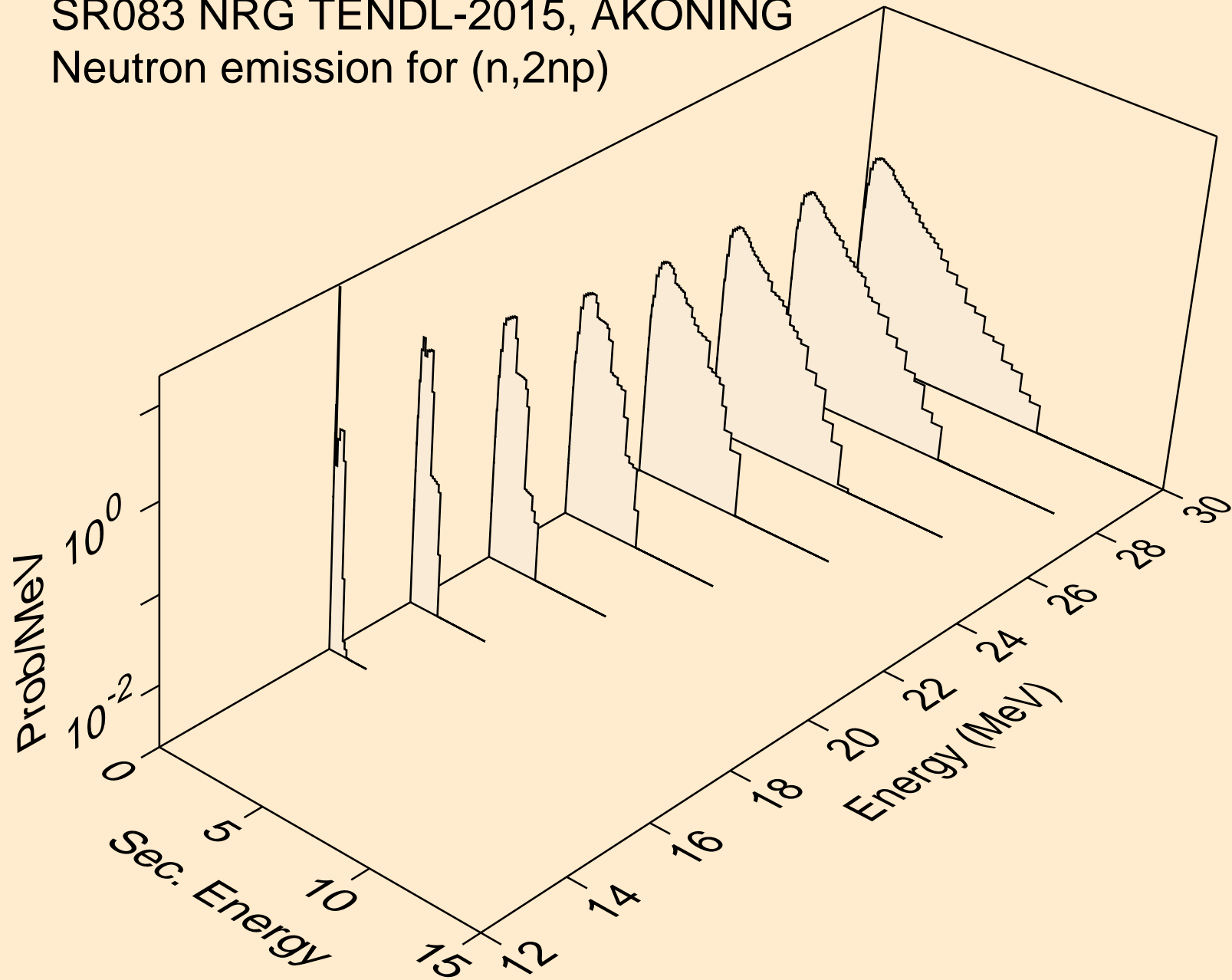
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



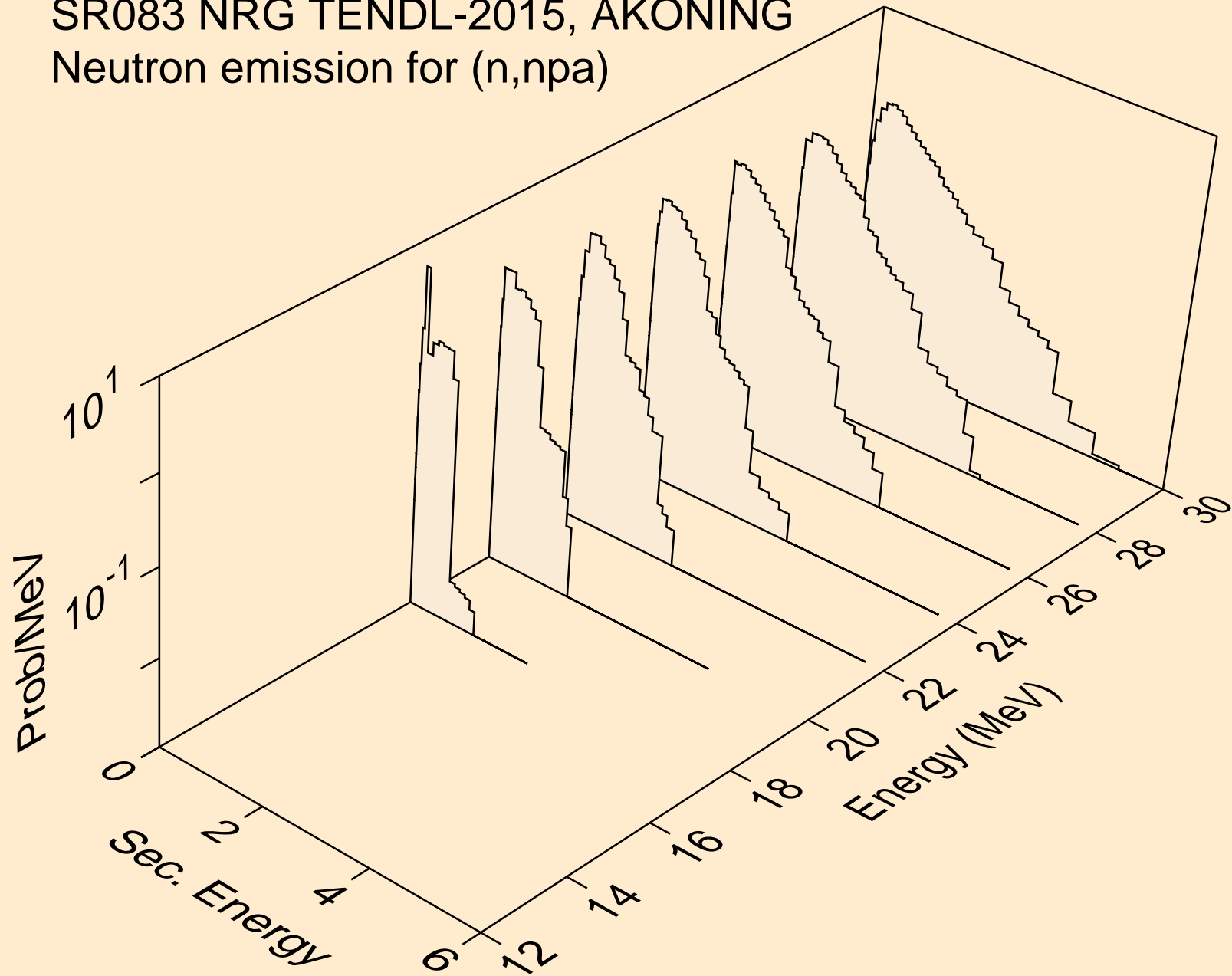
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

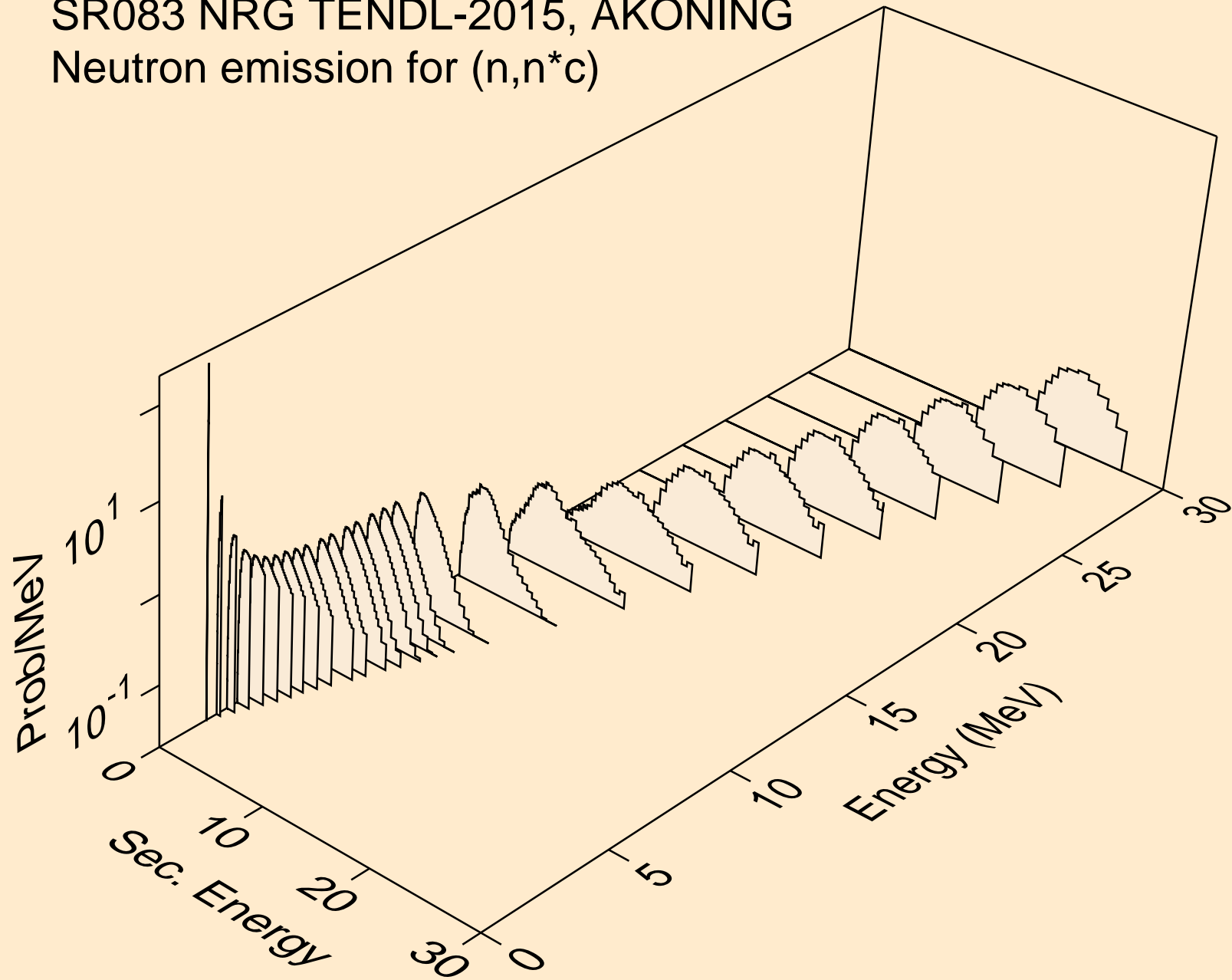


SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

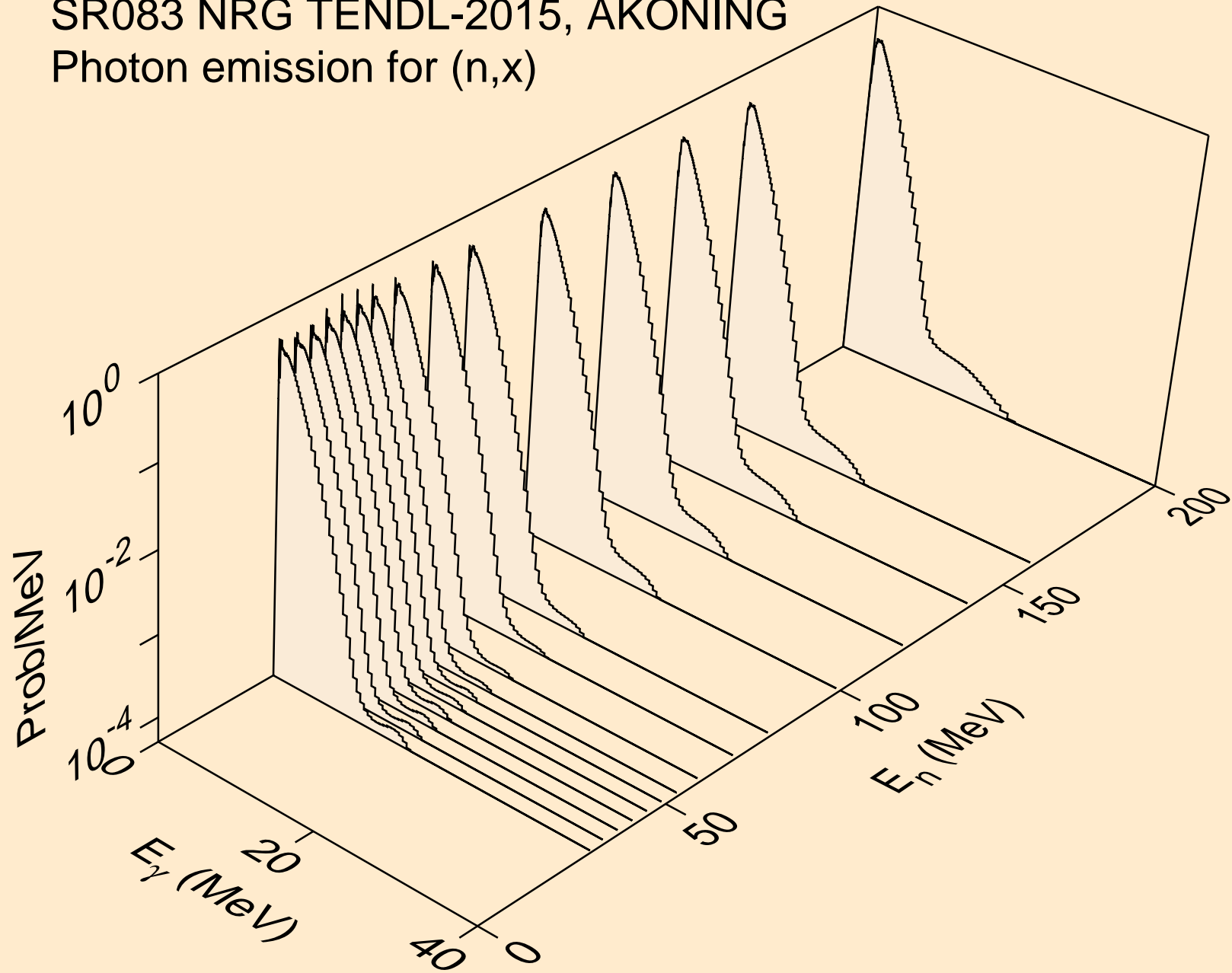




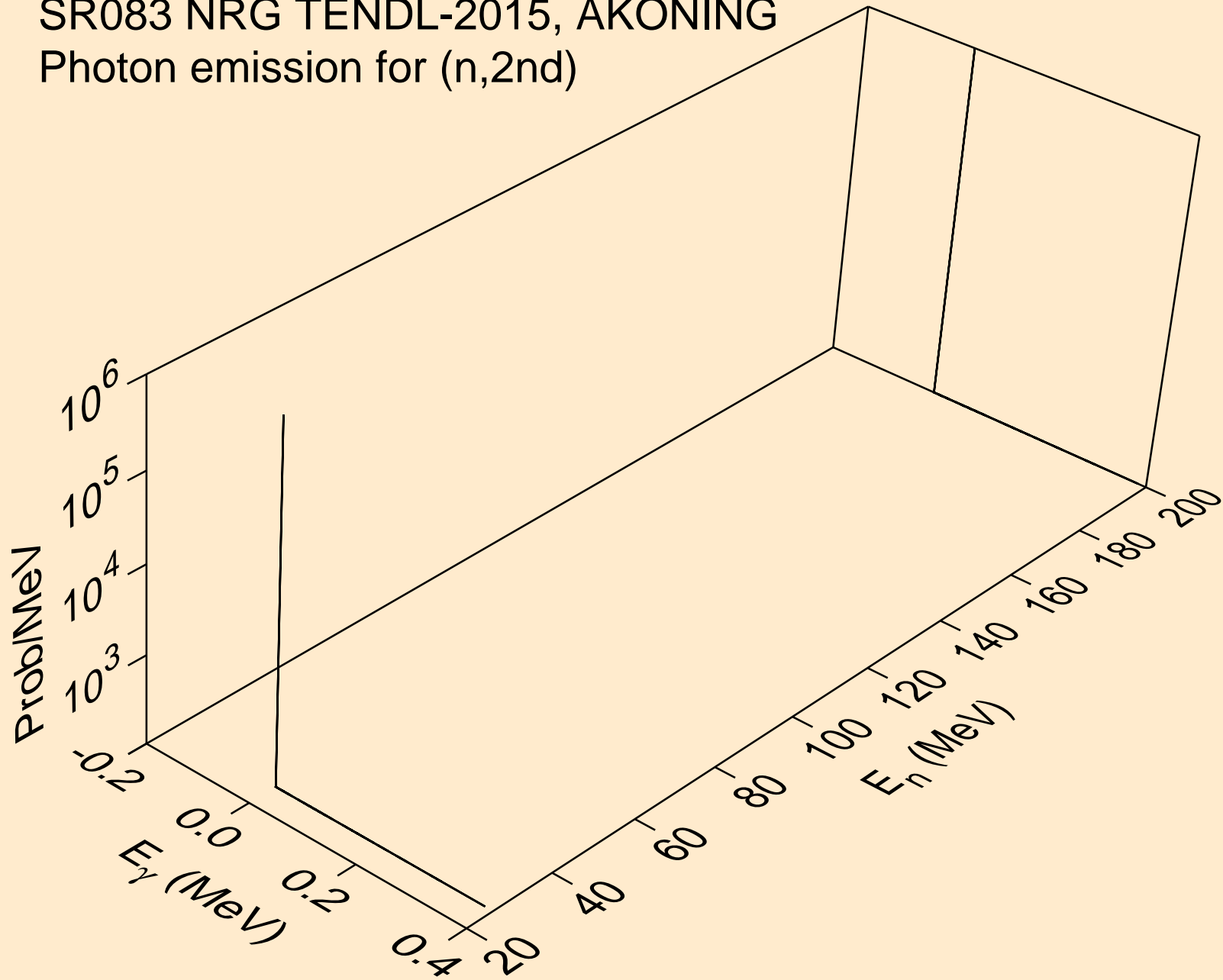
SR083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



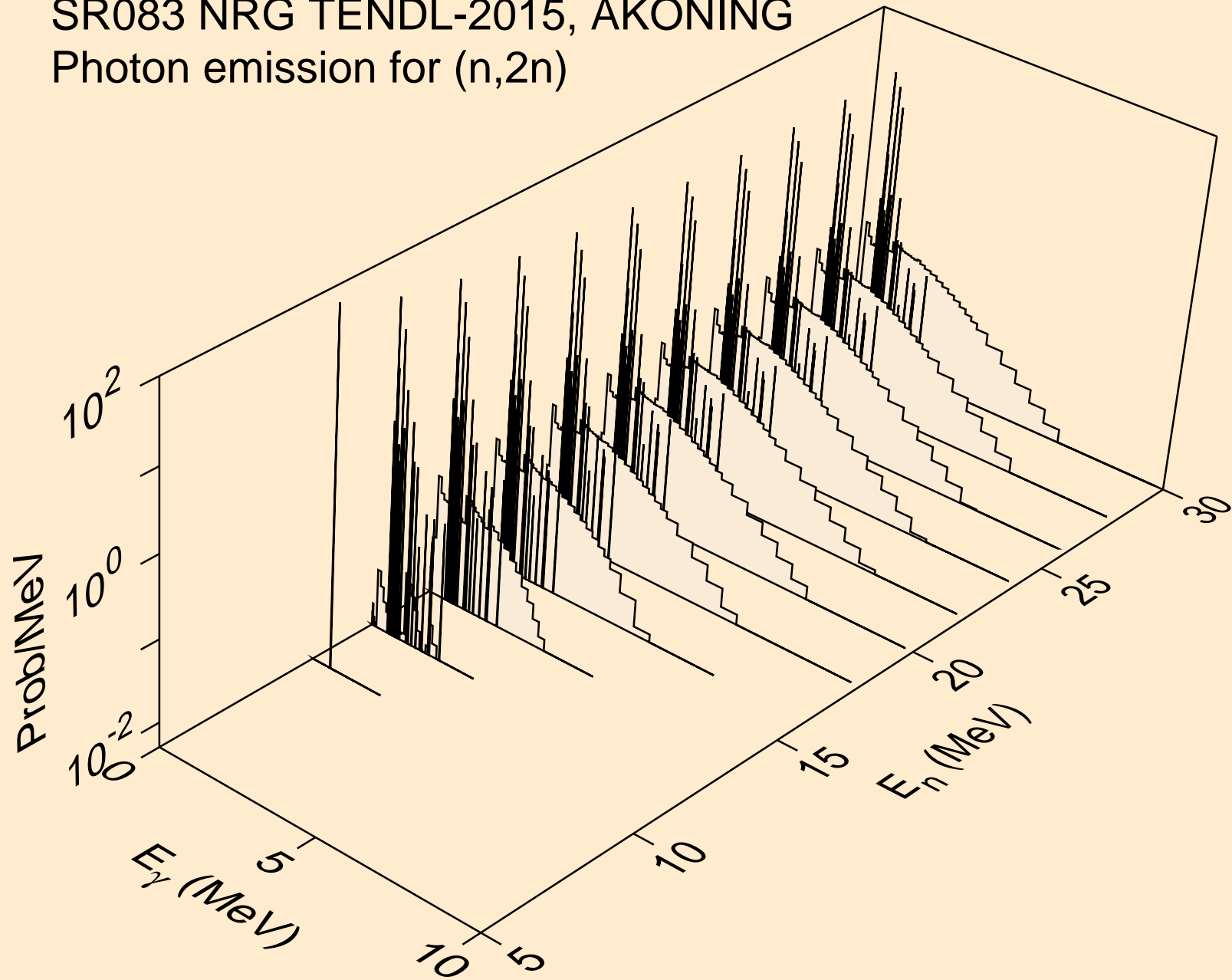
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



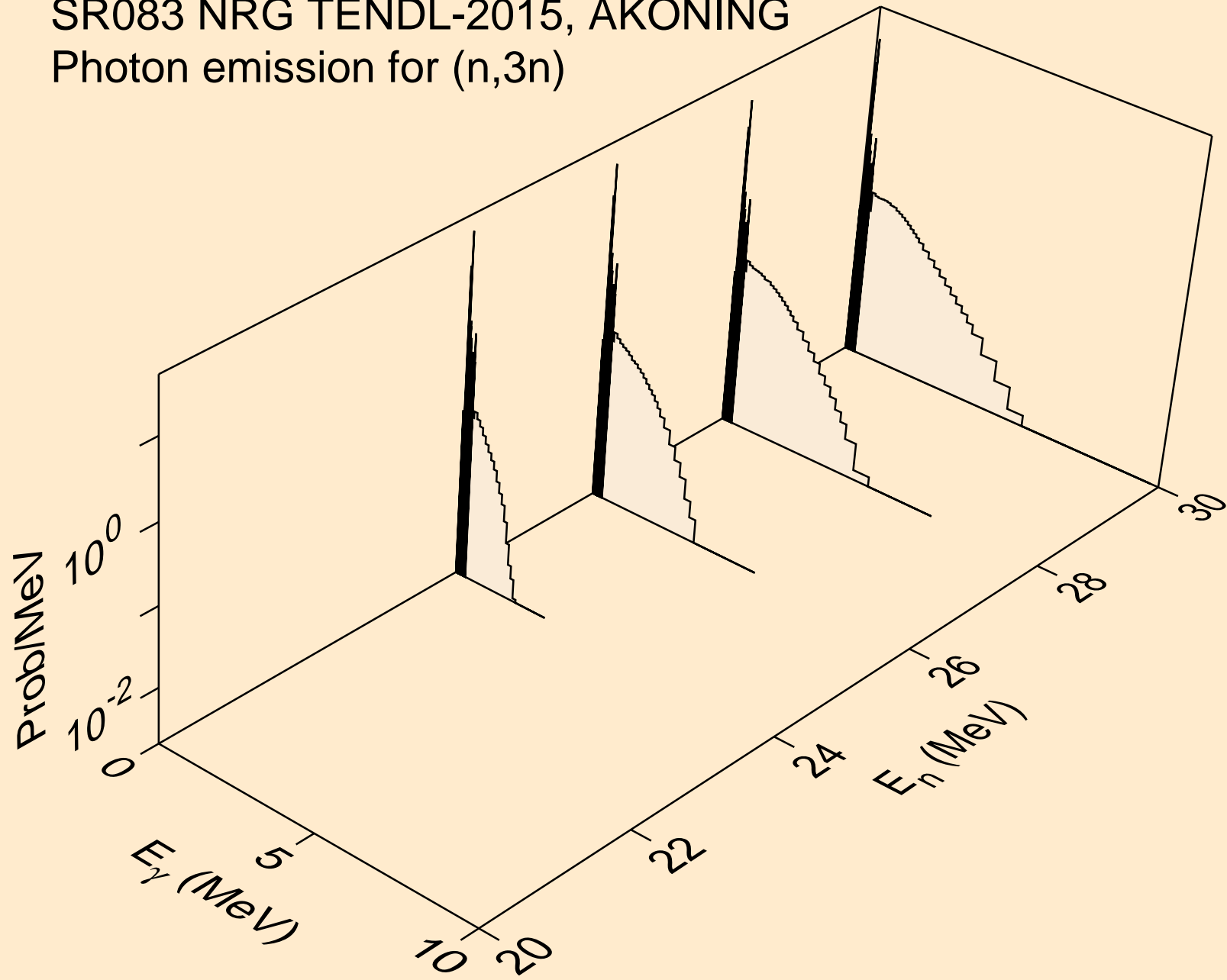
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



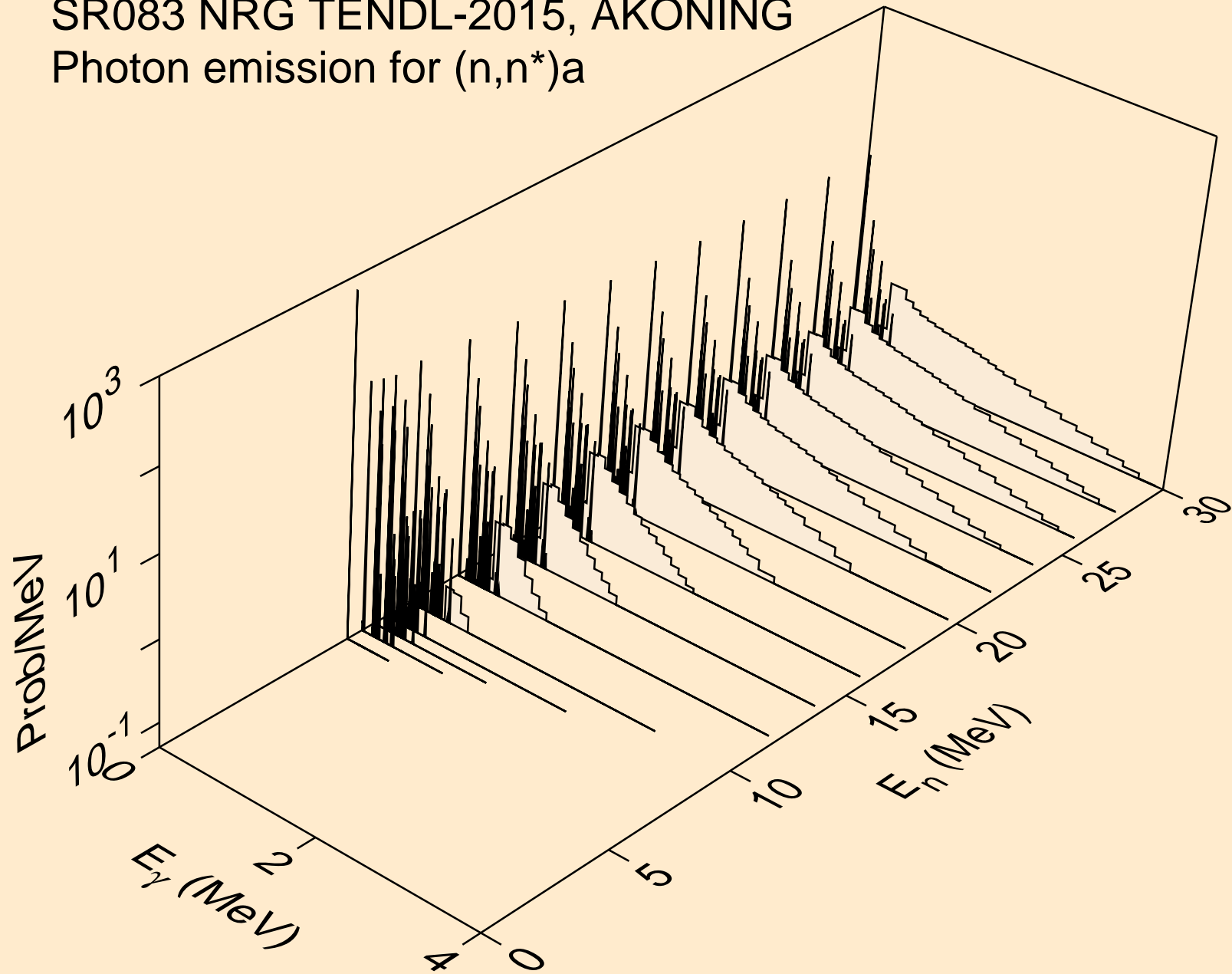
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



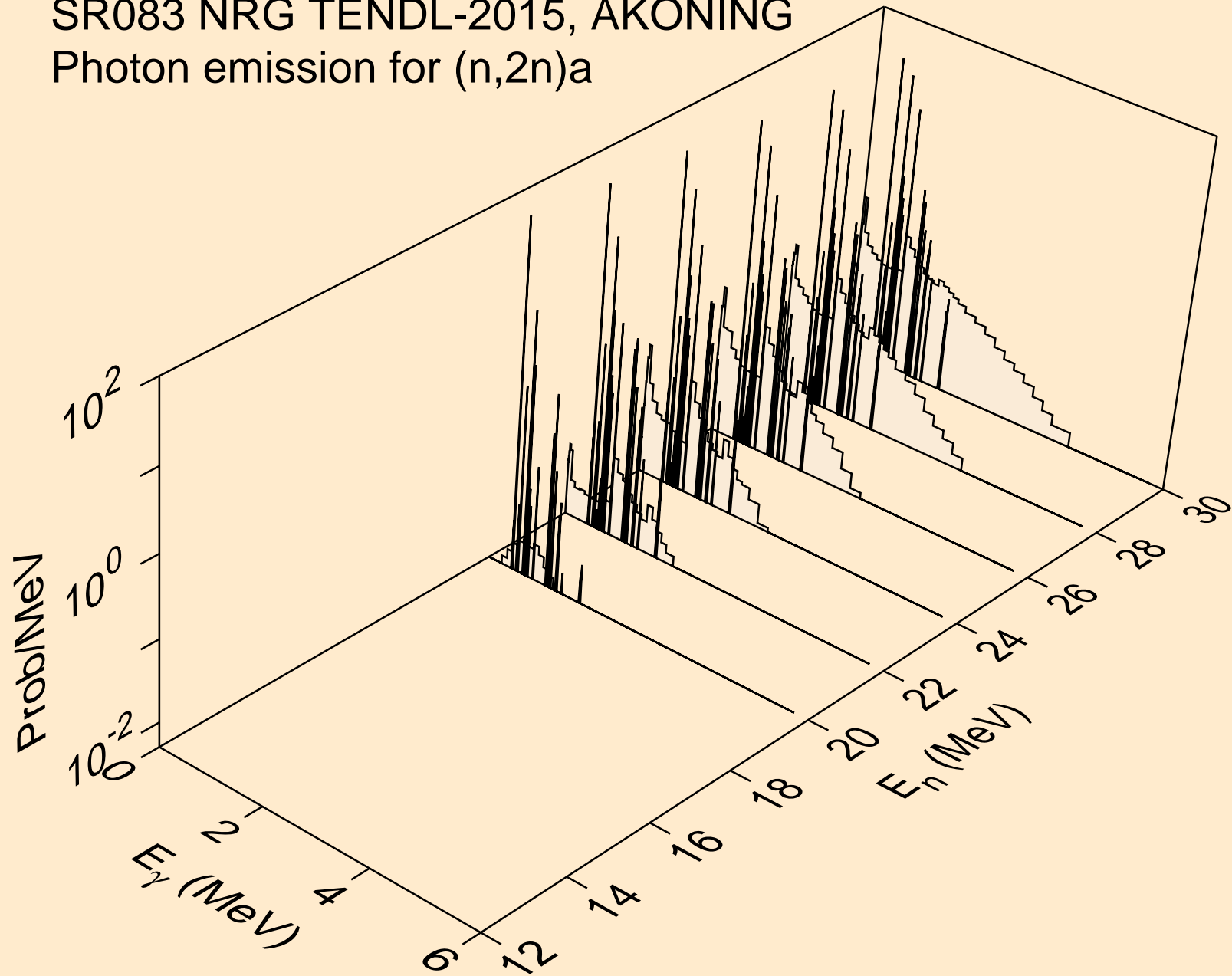
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



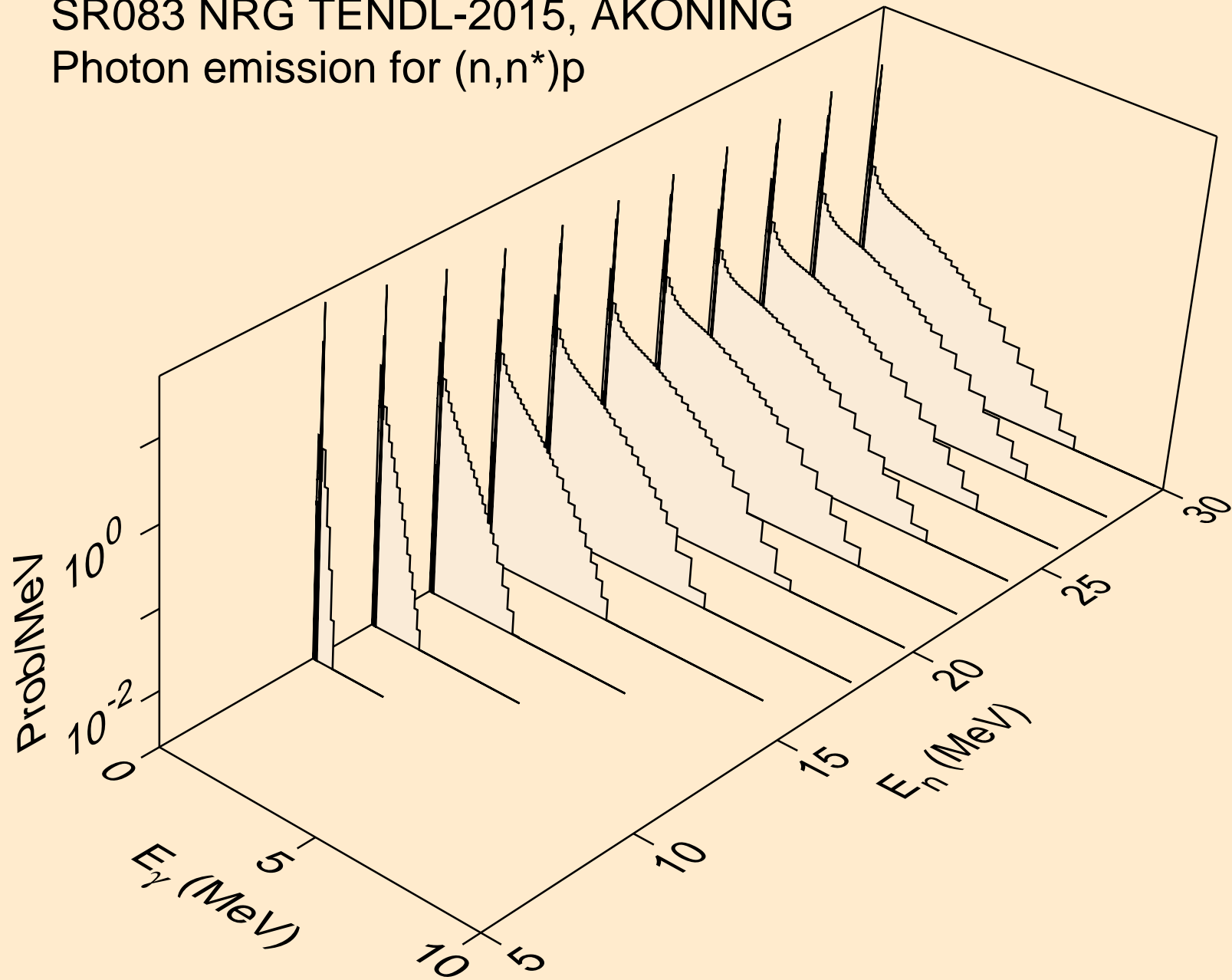
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

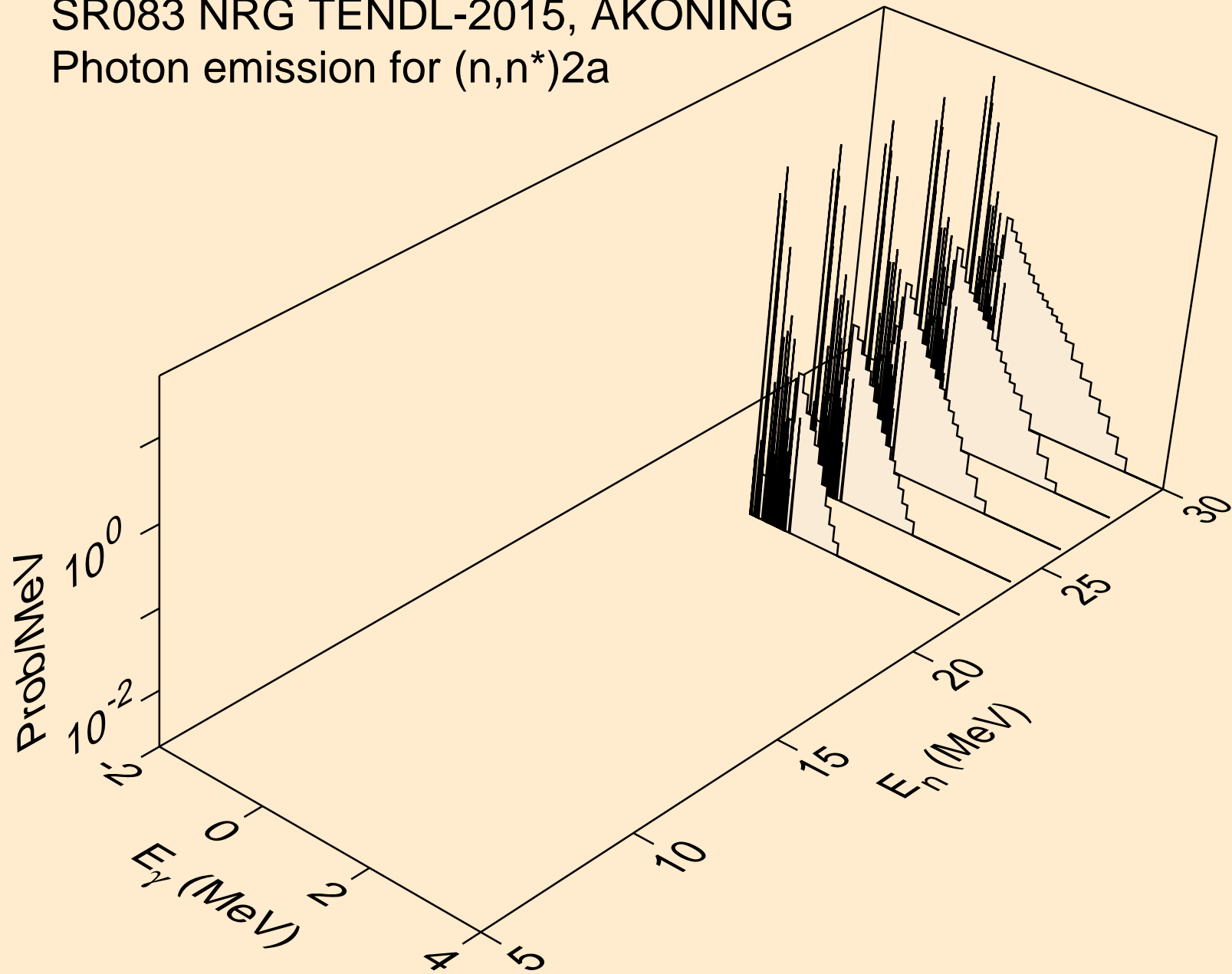


SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

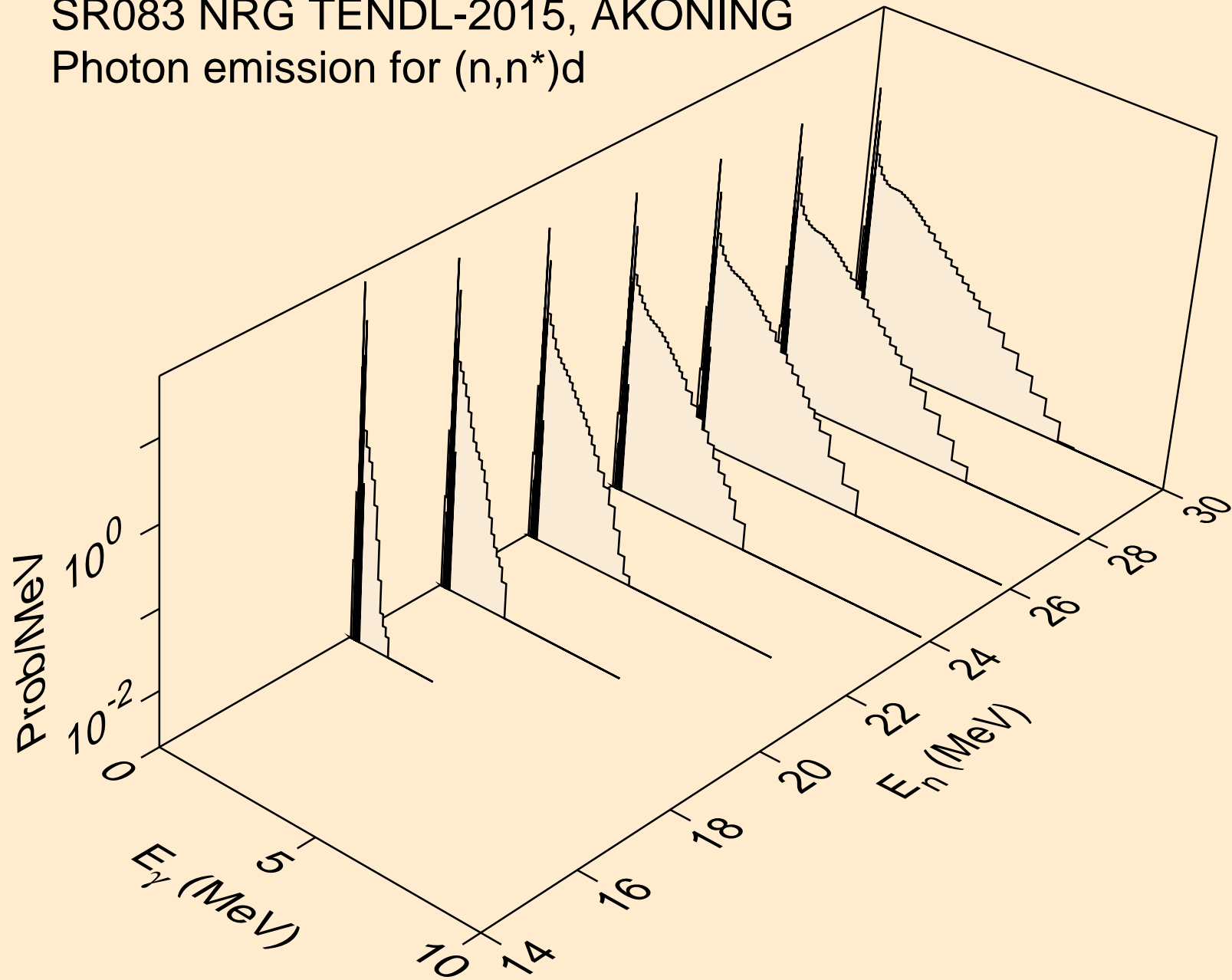




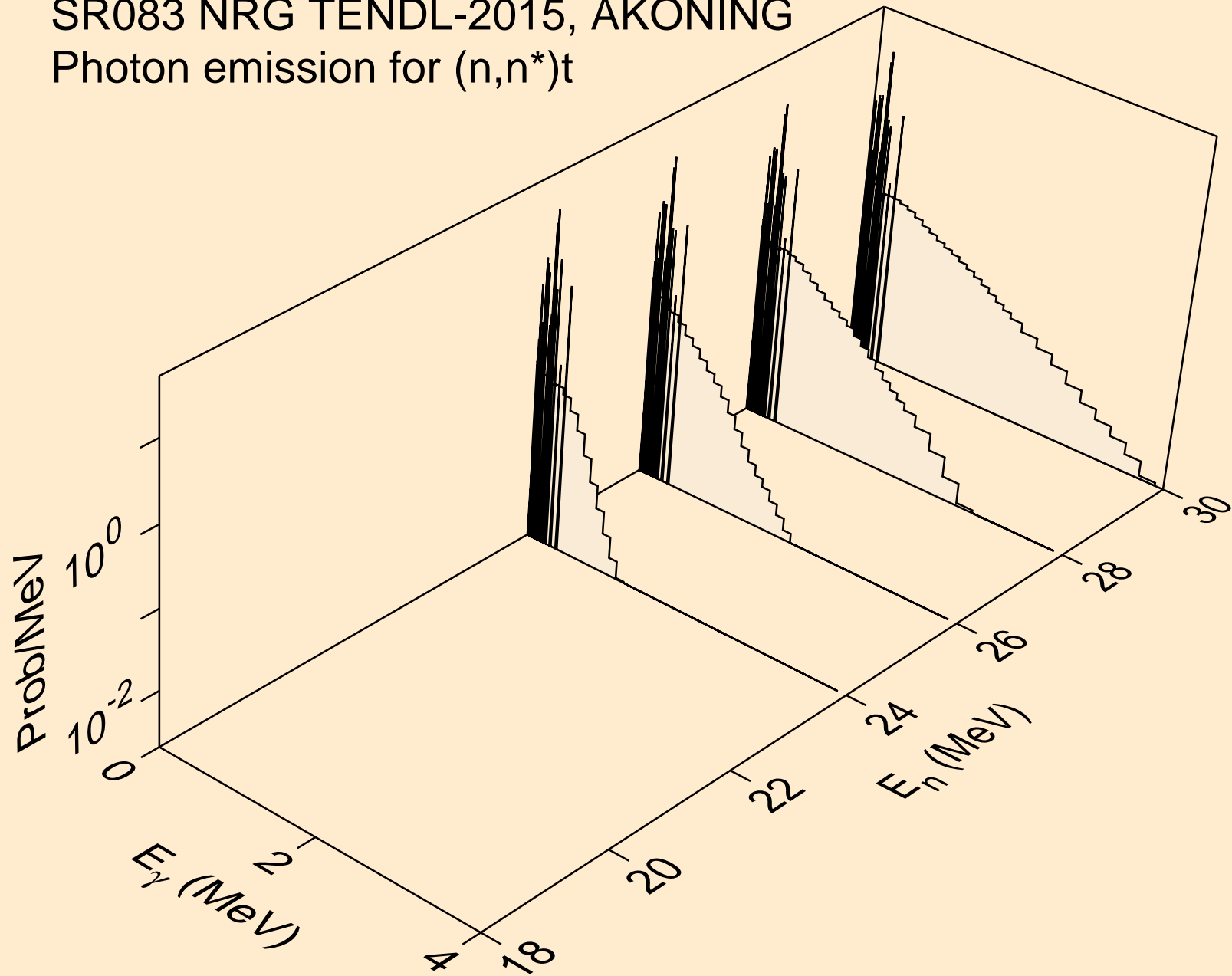
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



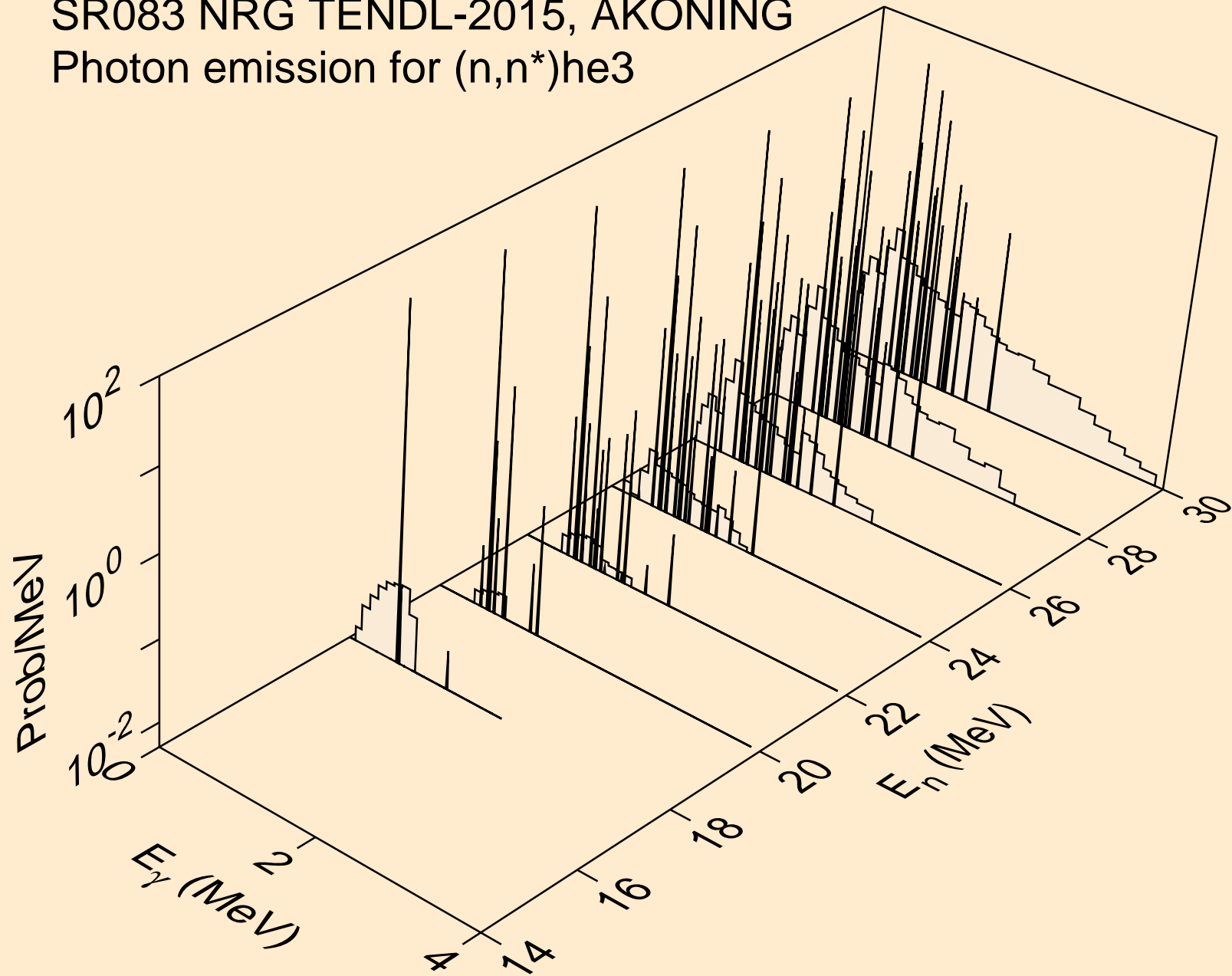
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



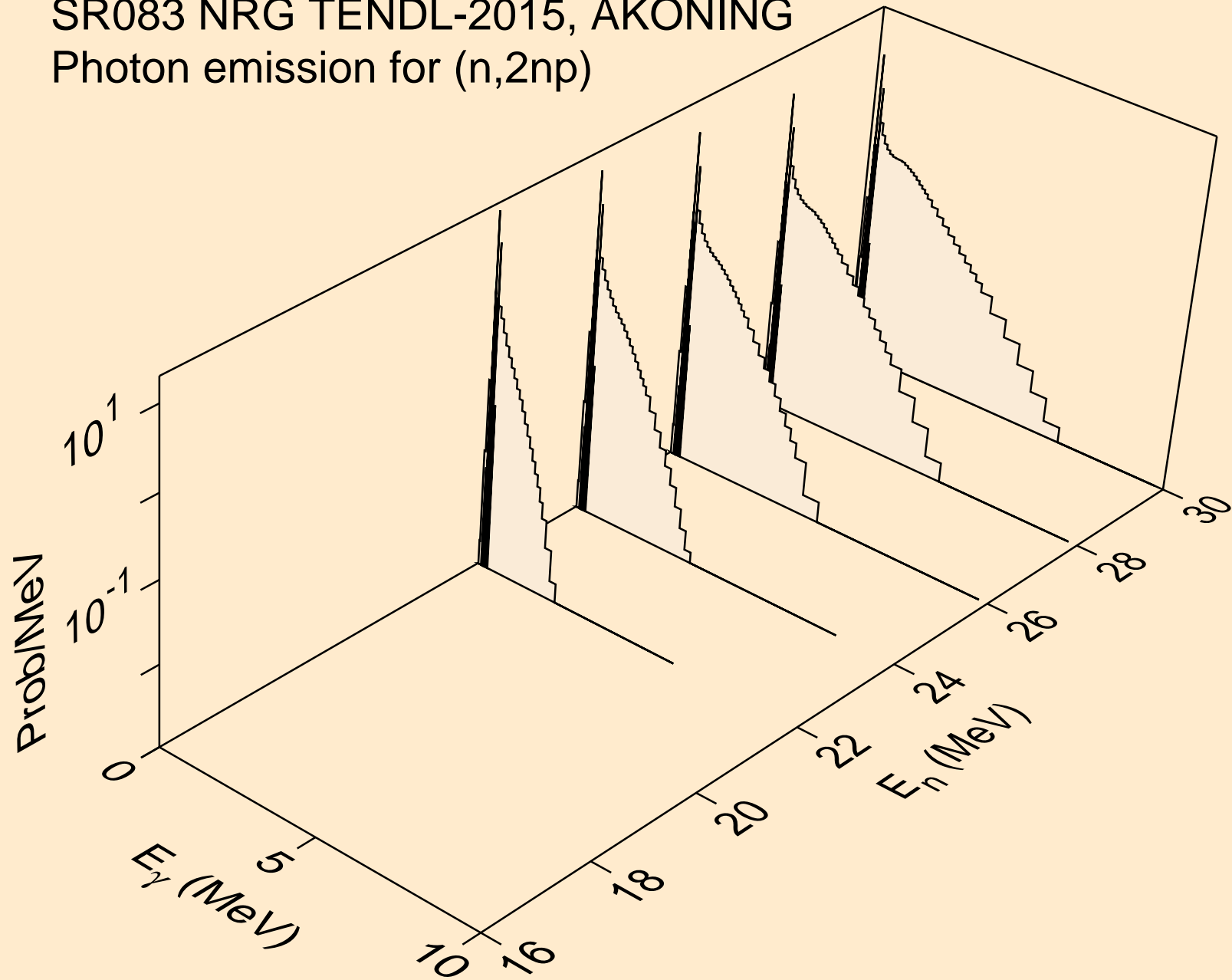
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



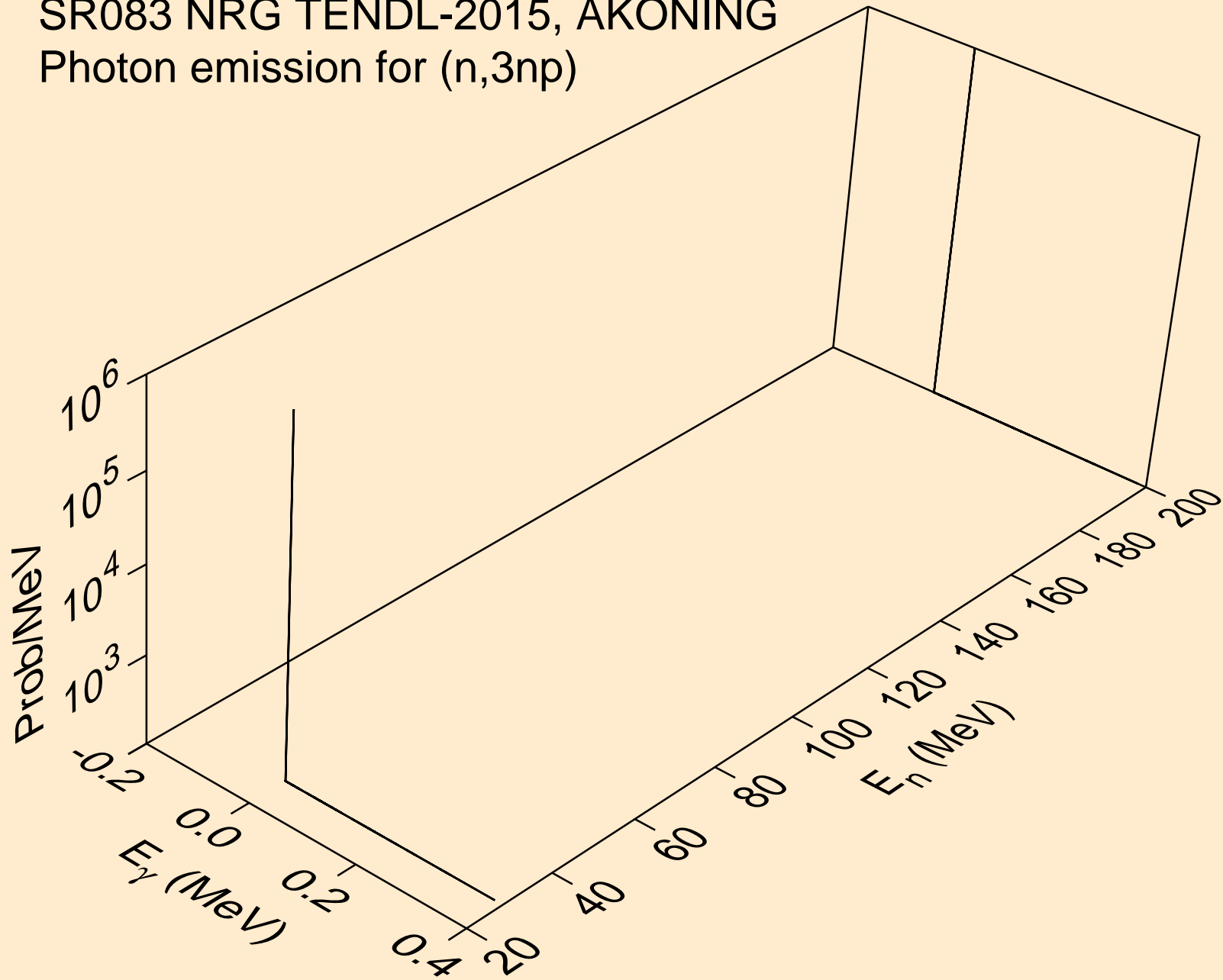
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



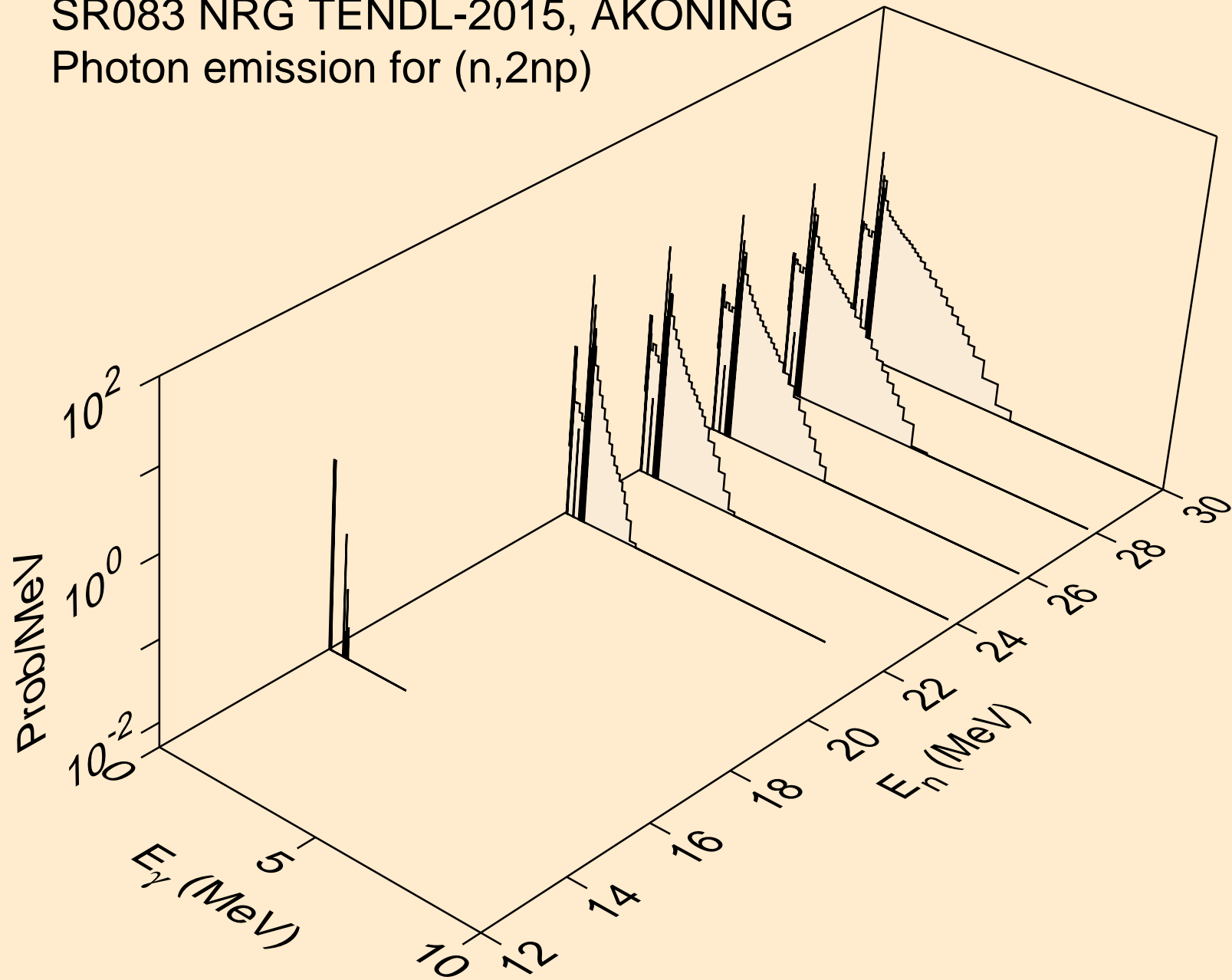
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



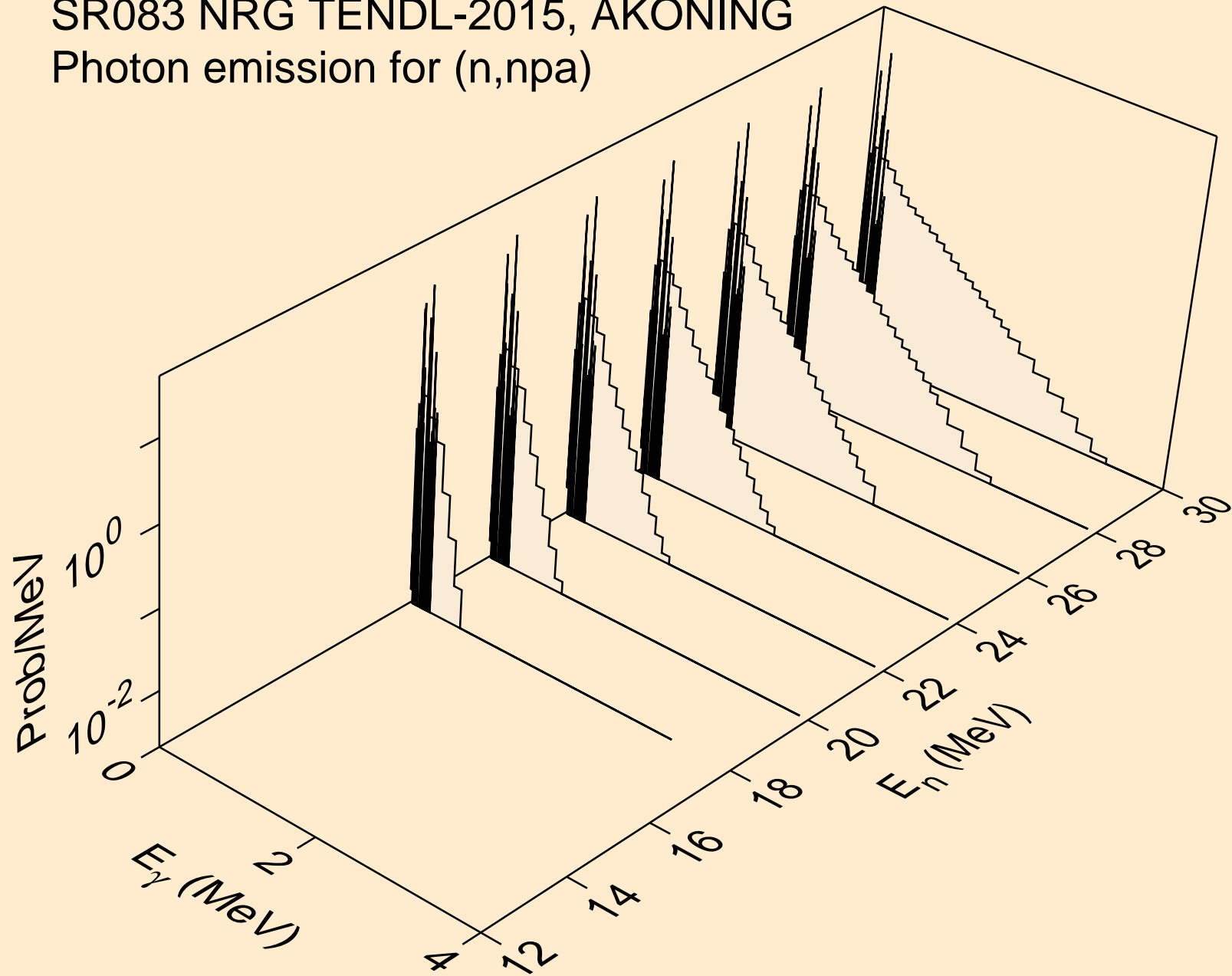
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

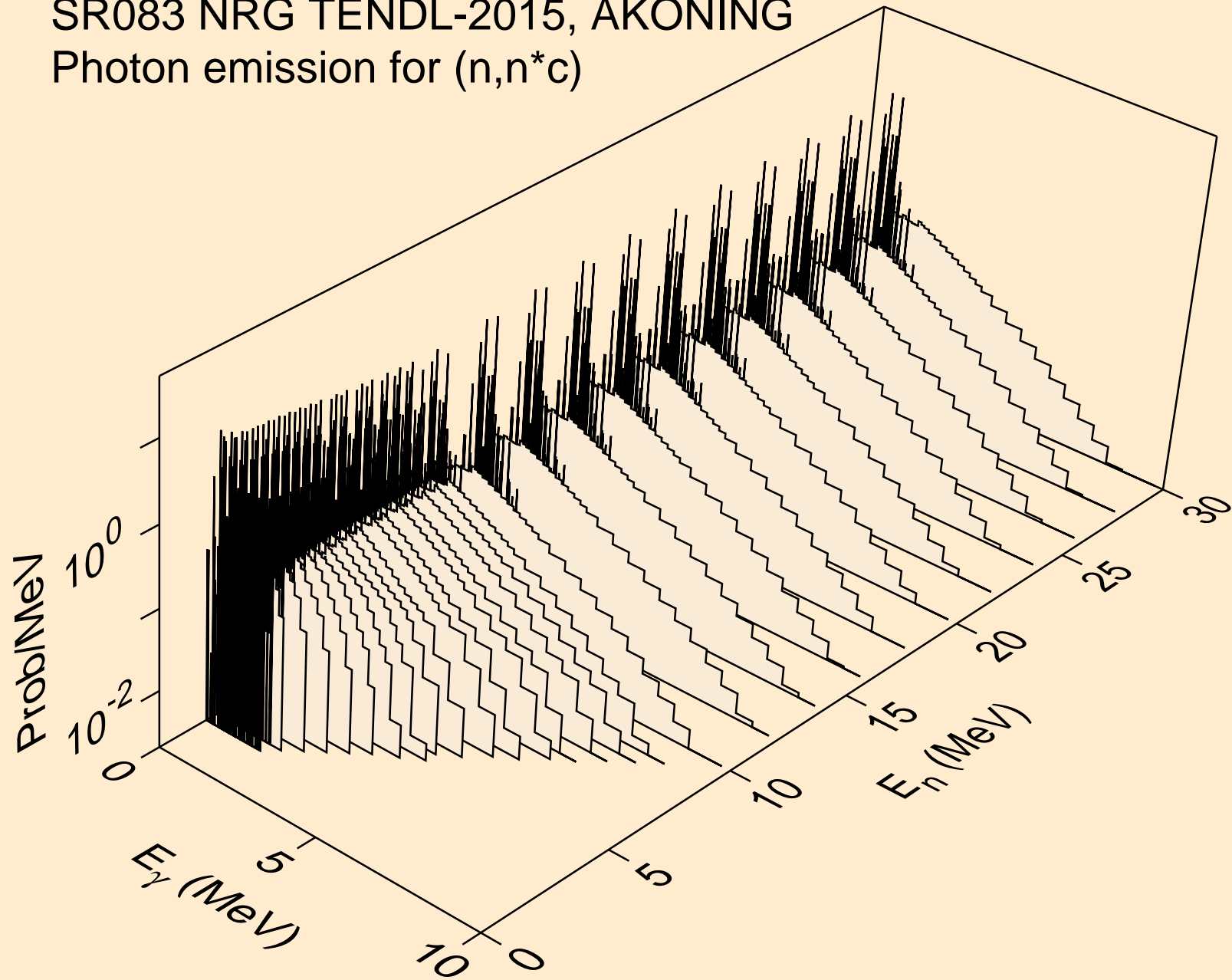


SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

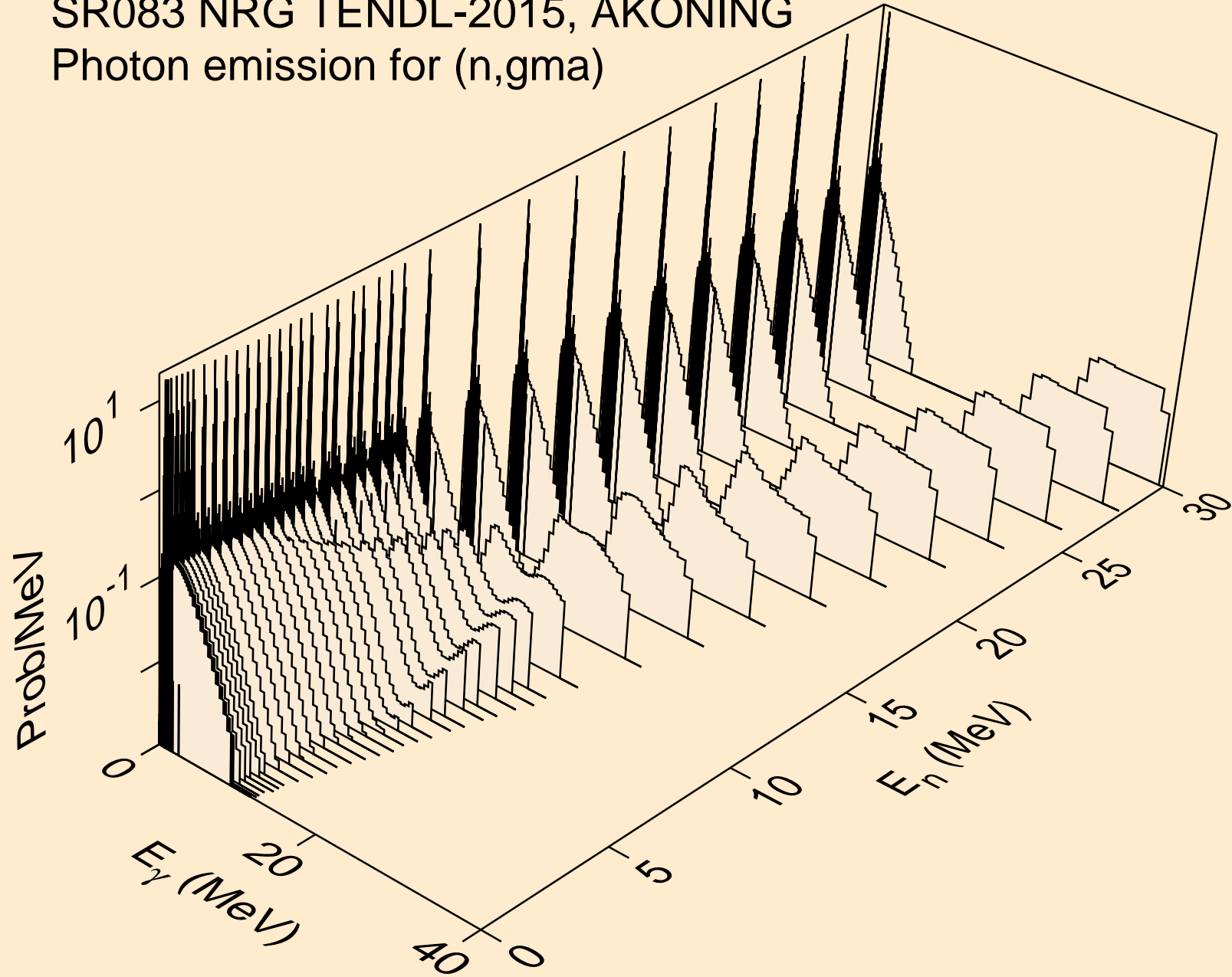




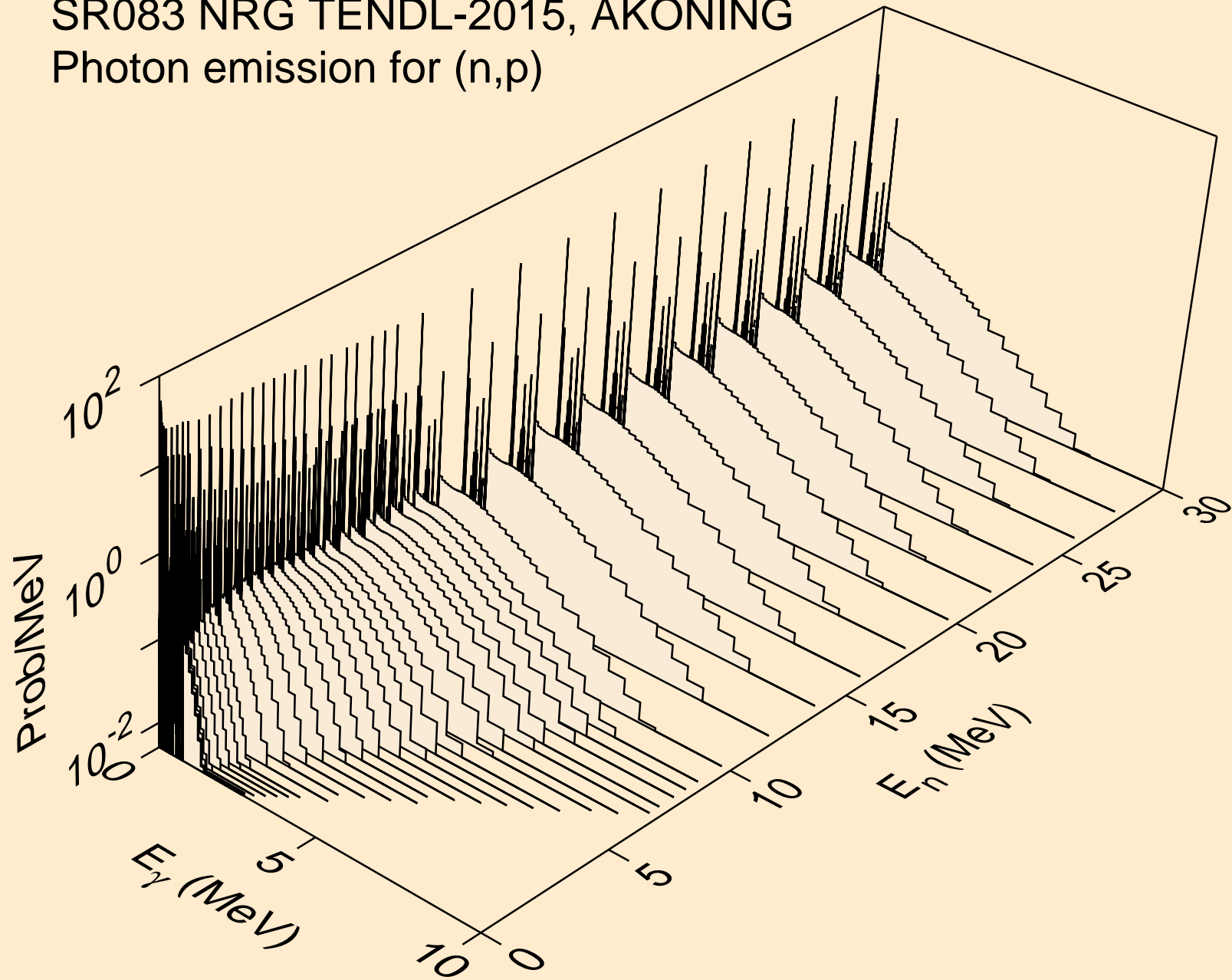
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



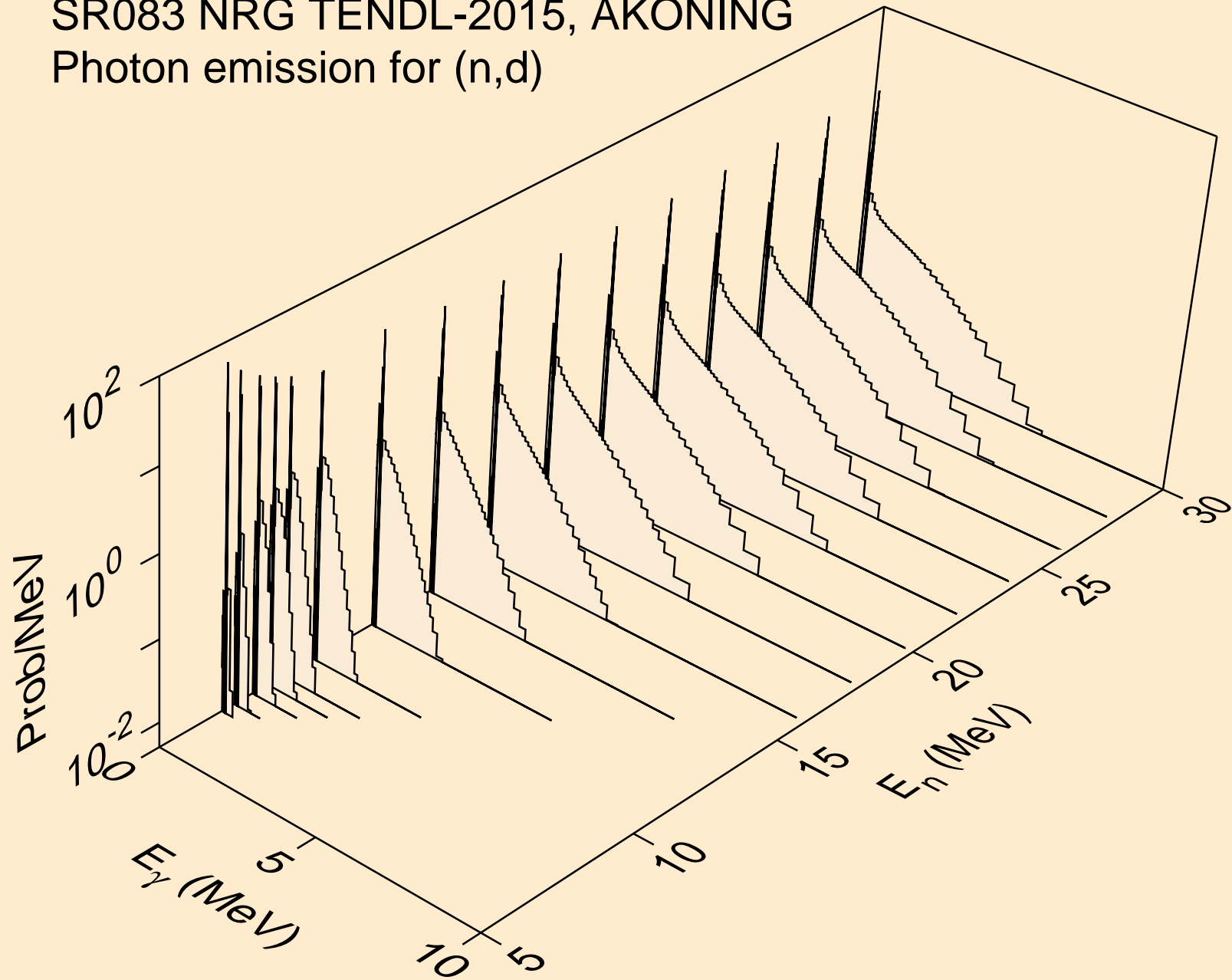
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



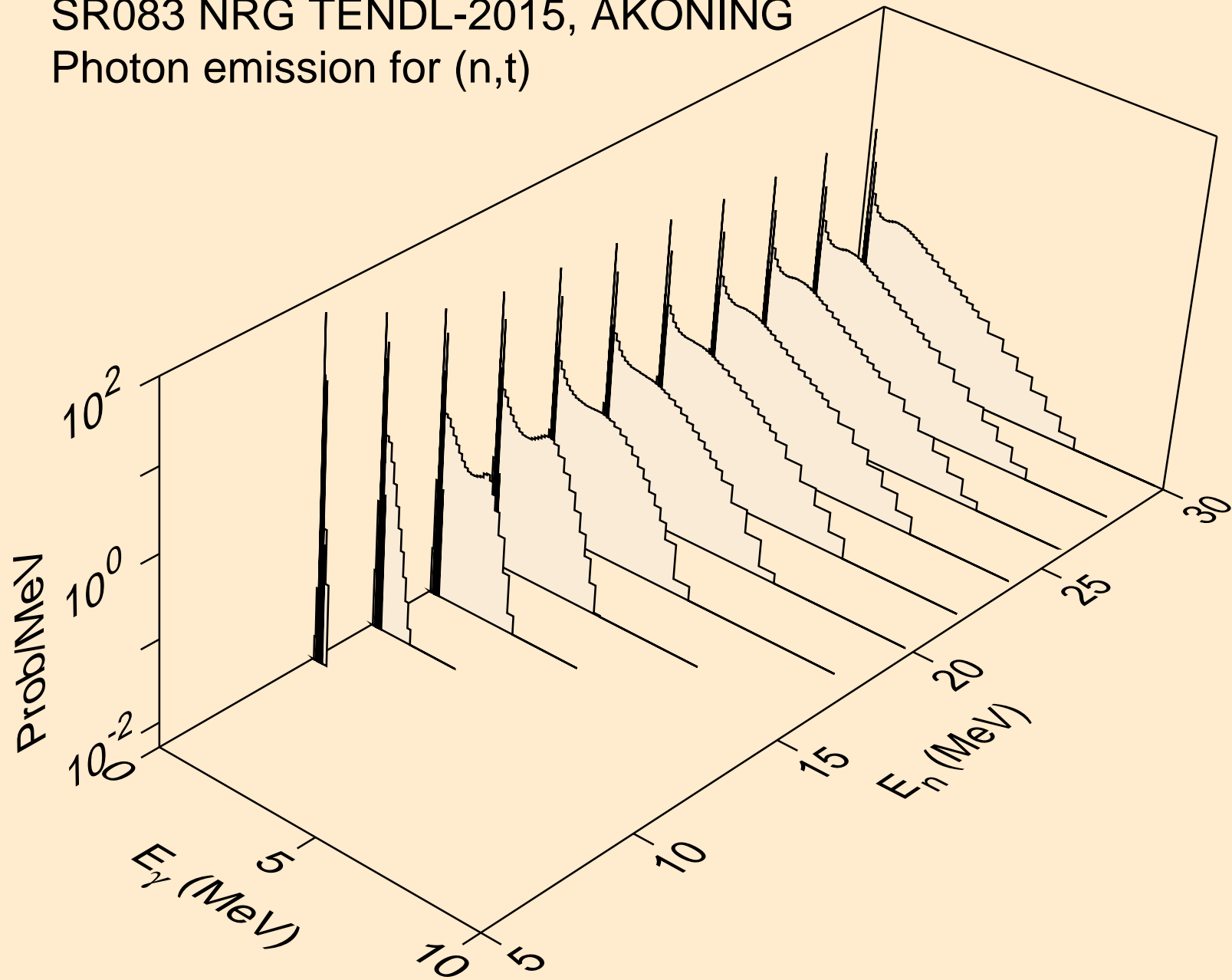
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



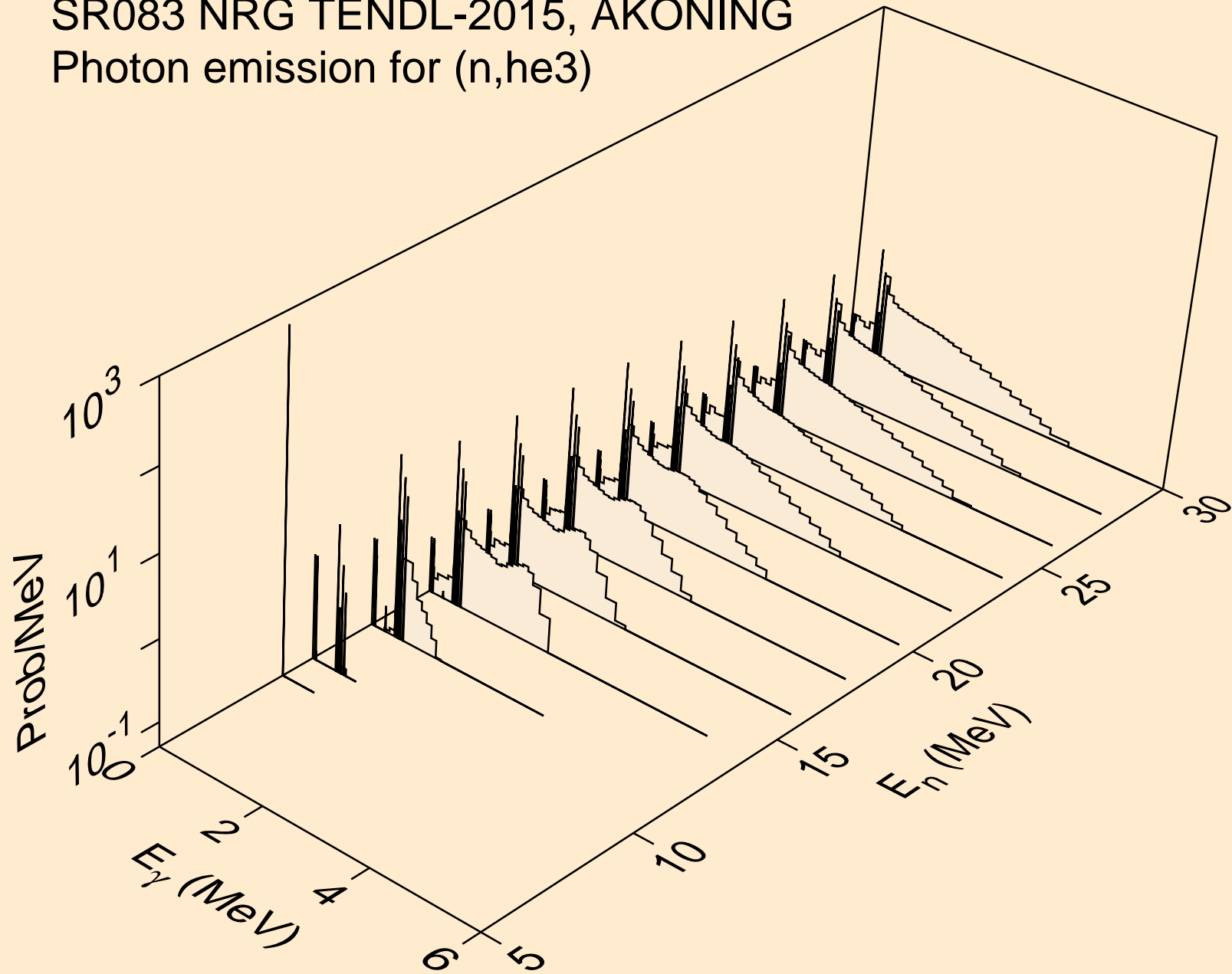
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



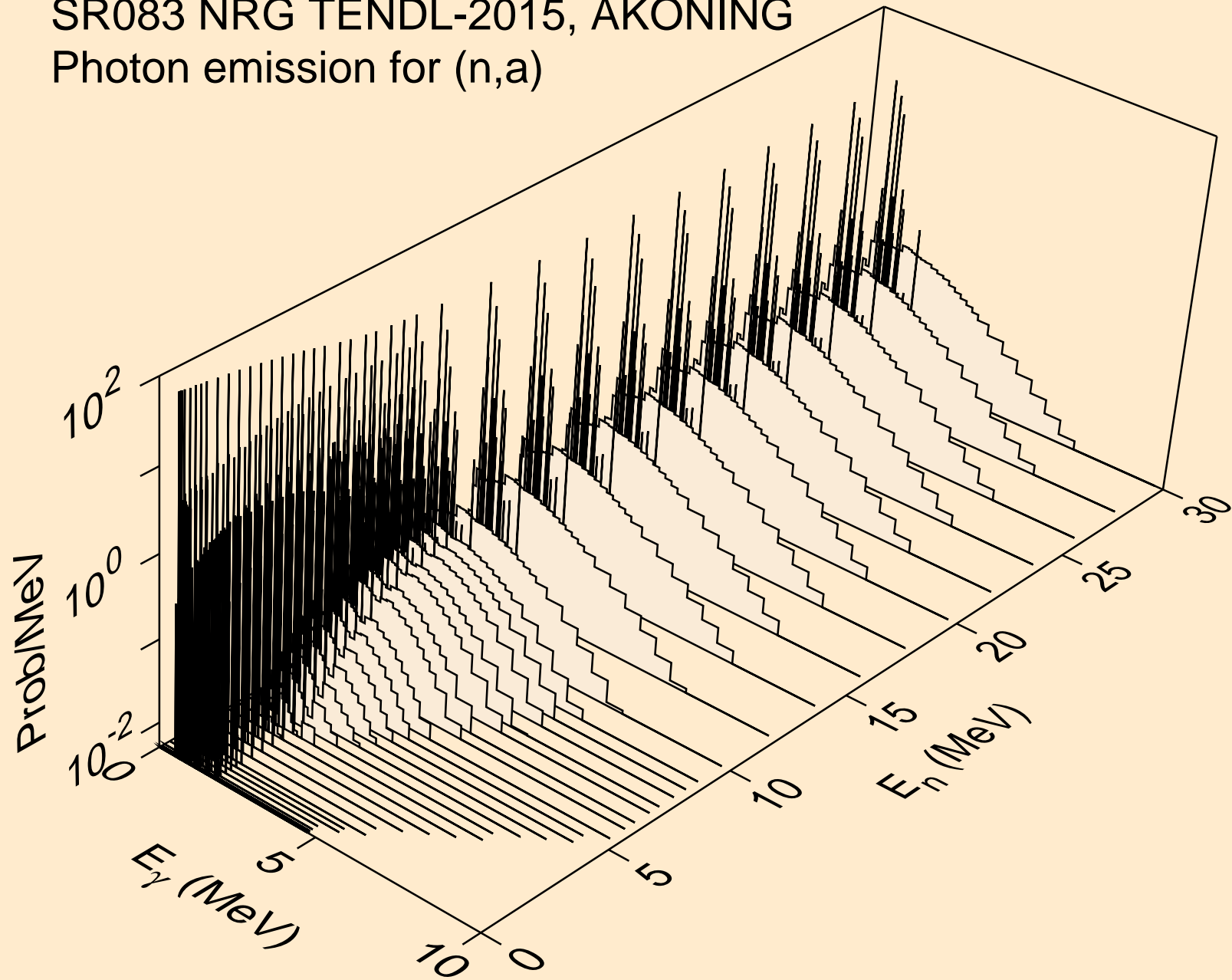
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



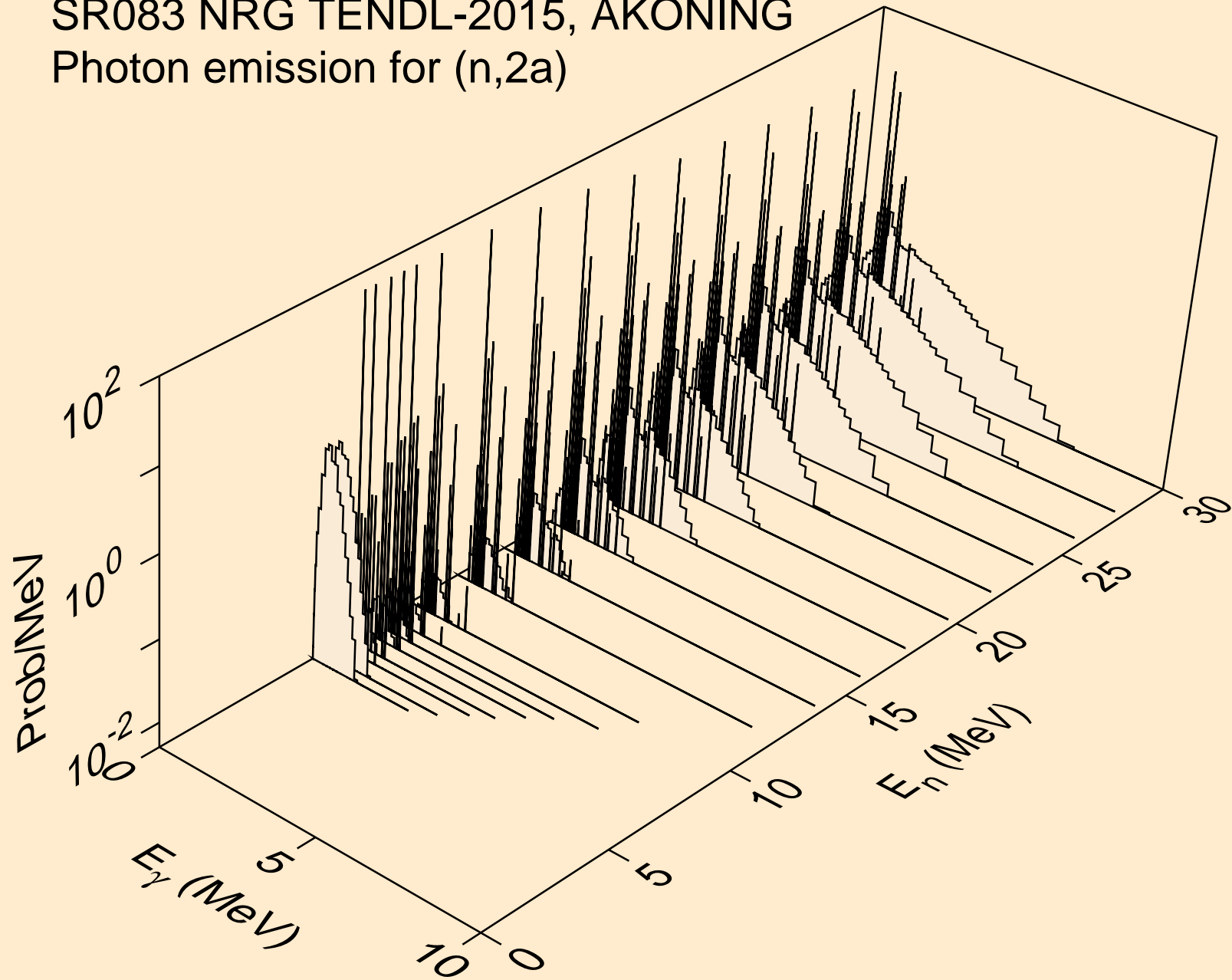
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

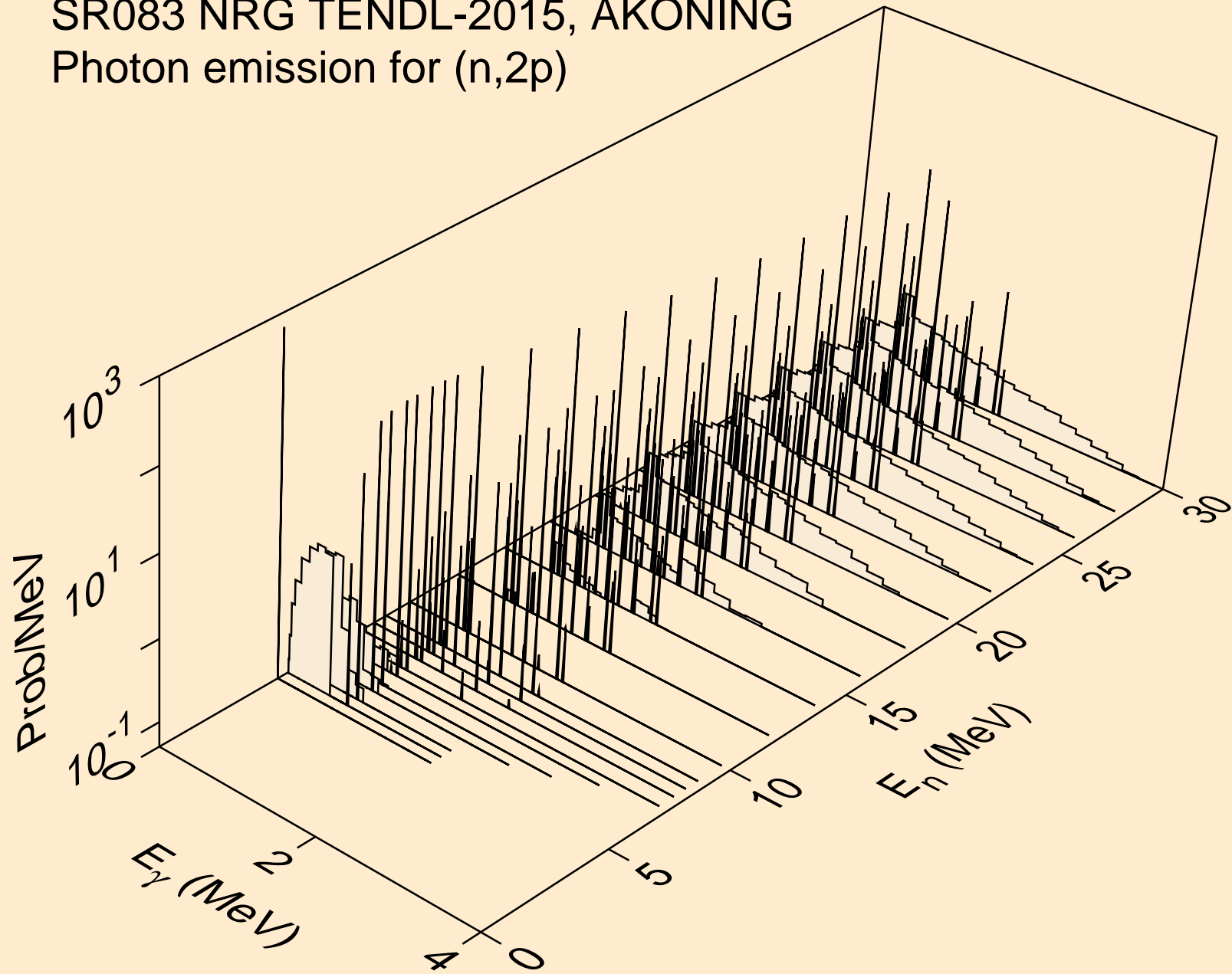


SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

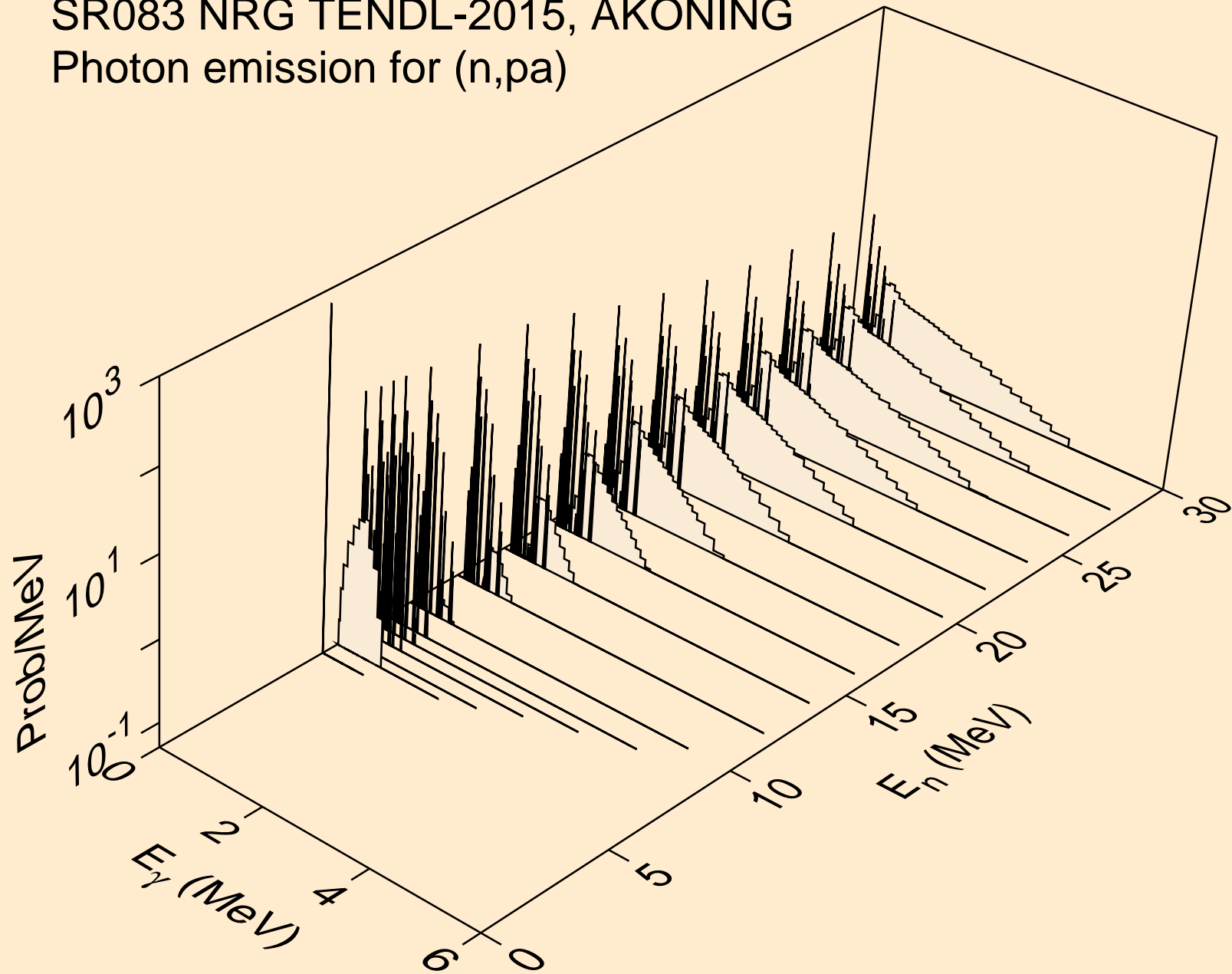




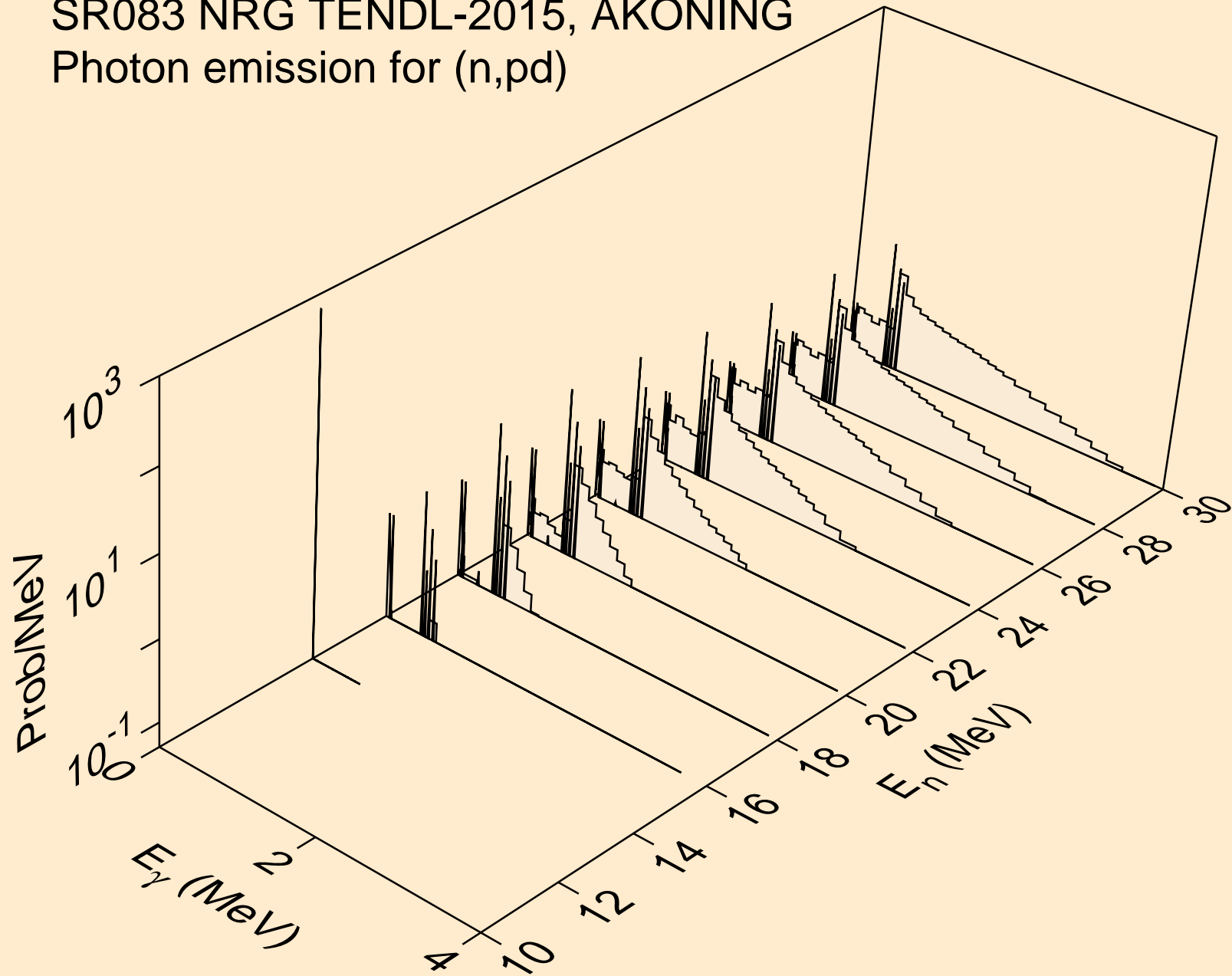
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



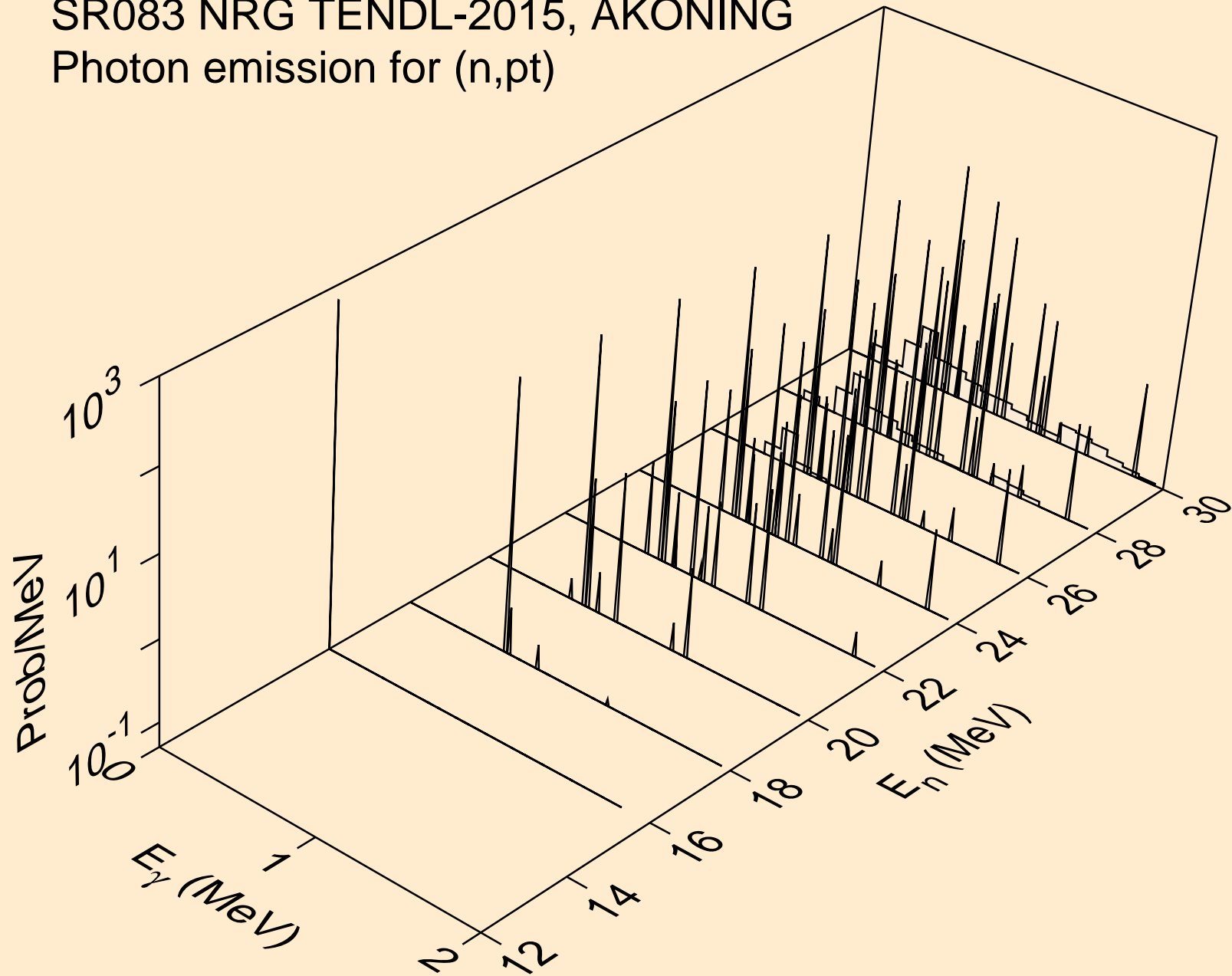
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



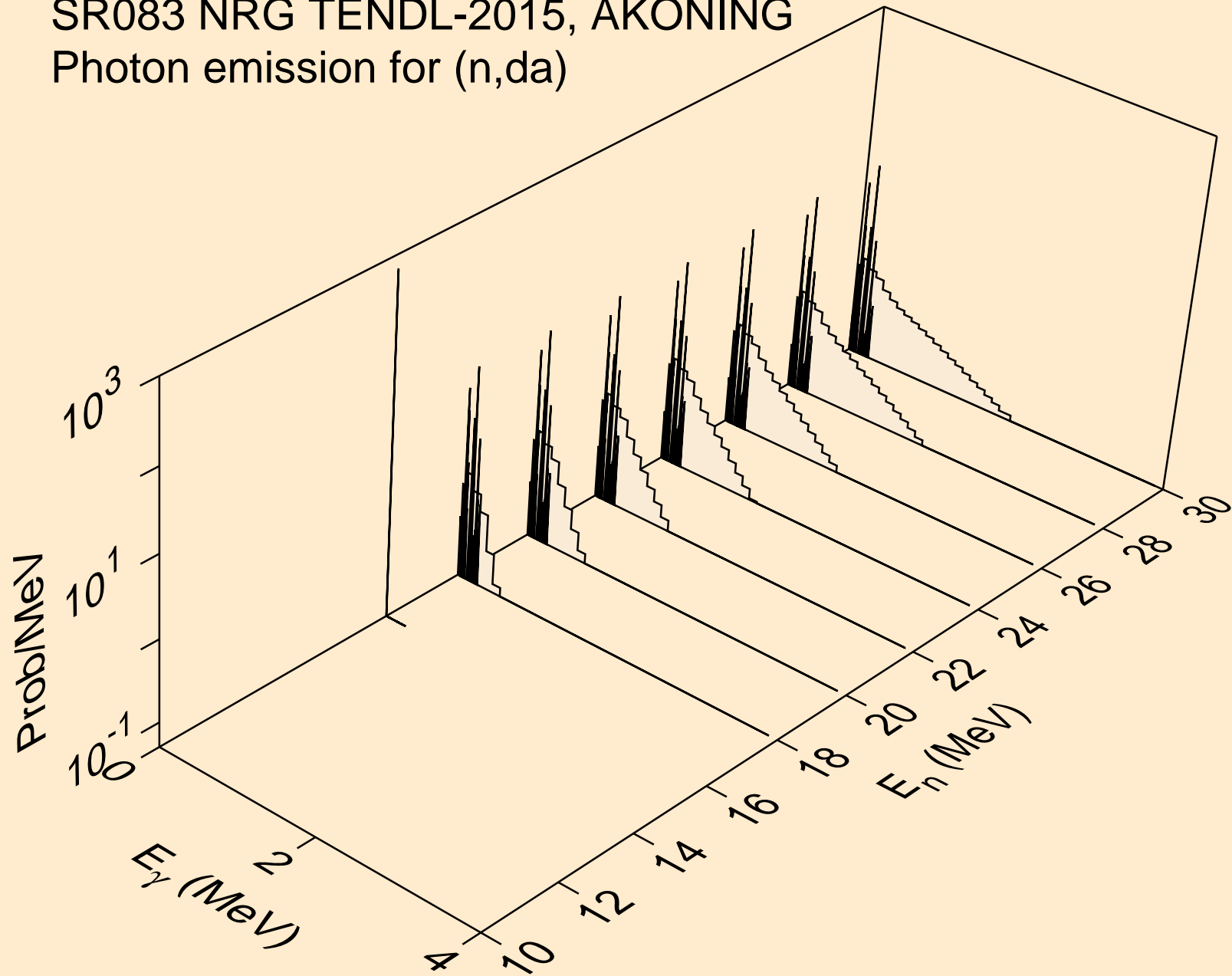
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



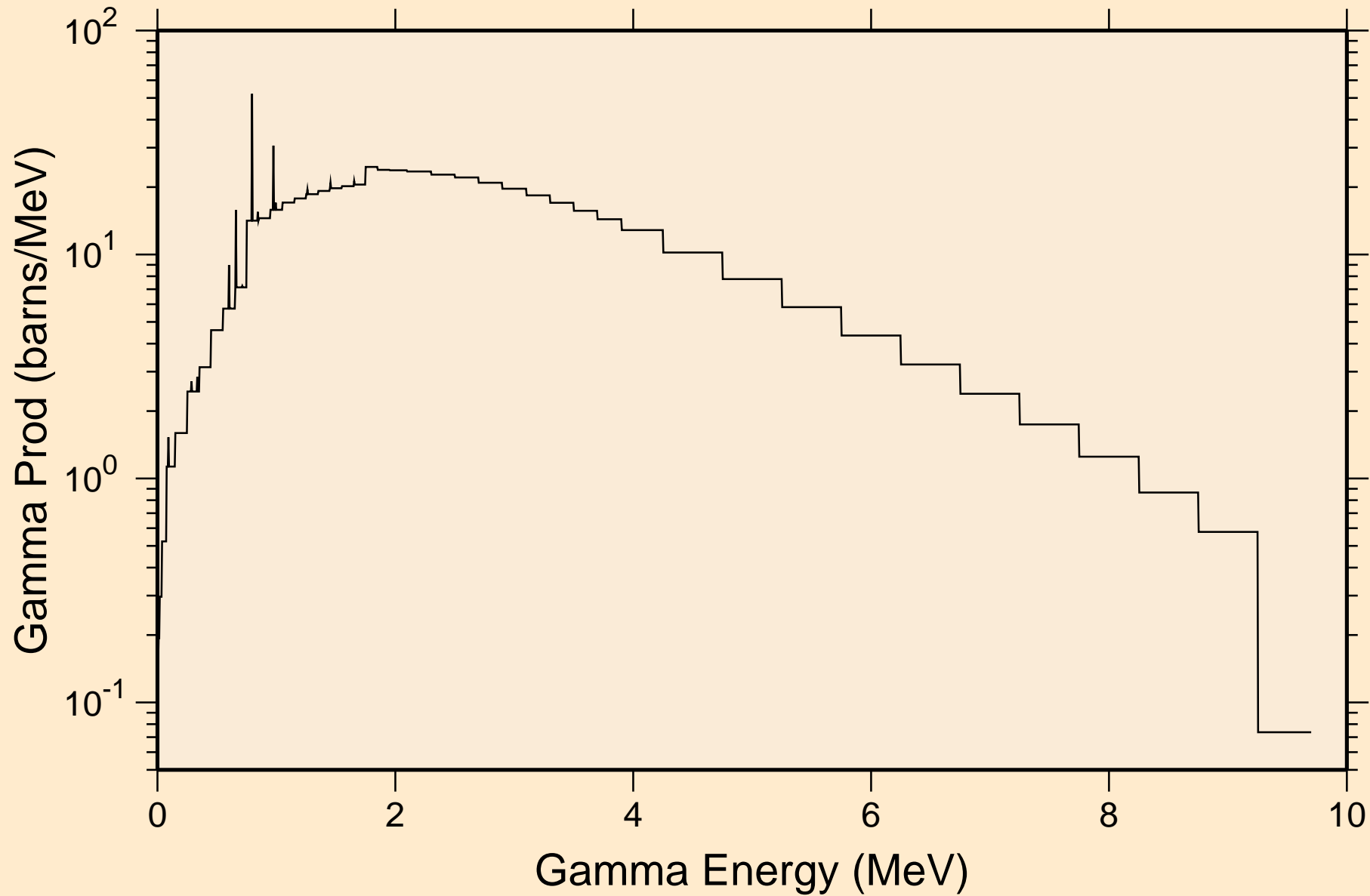
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



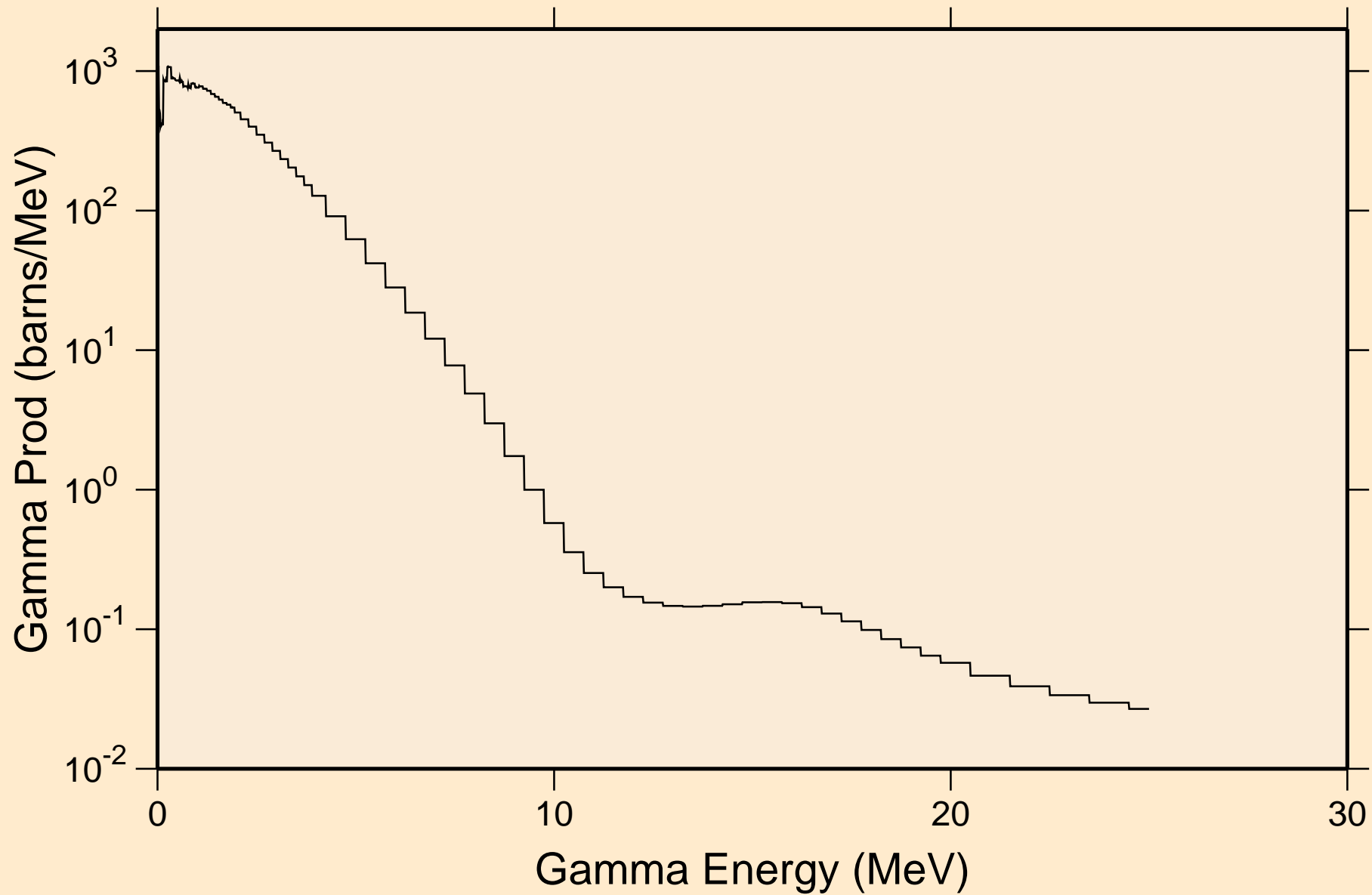
SR083 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SR083 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

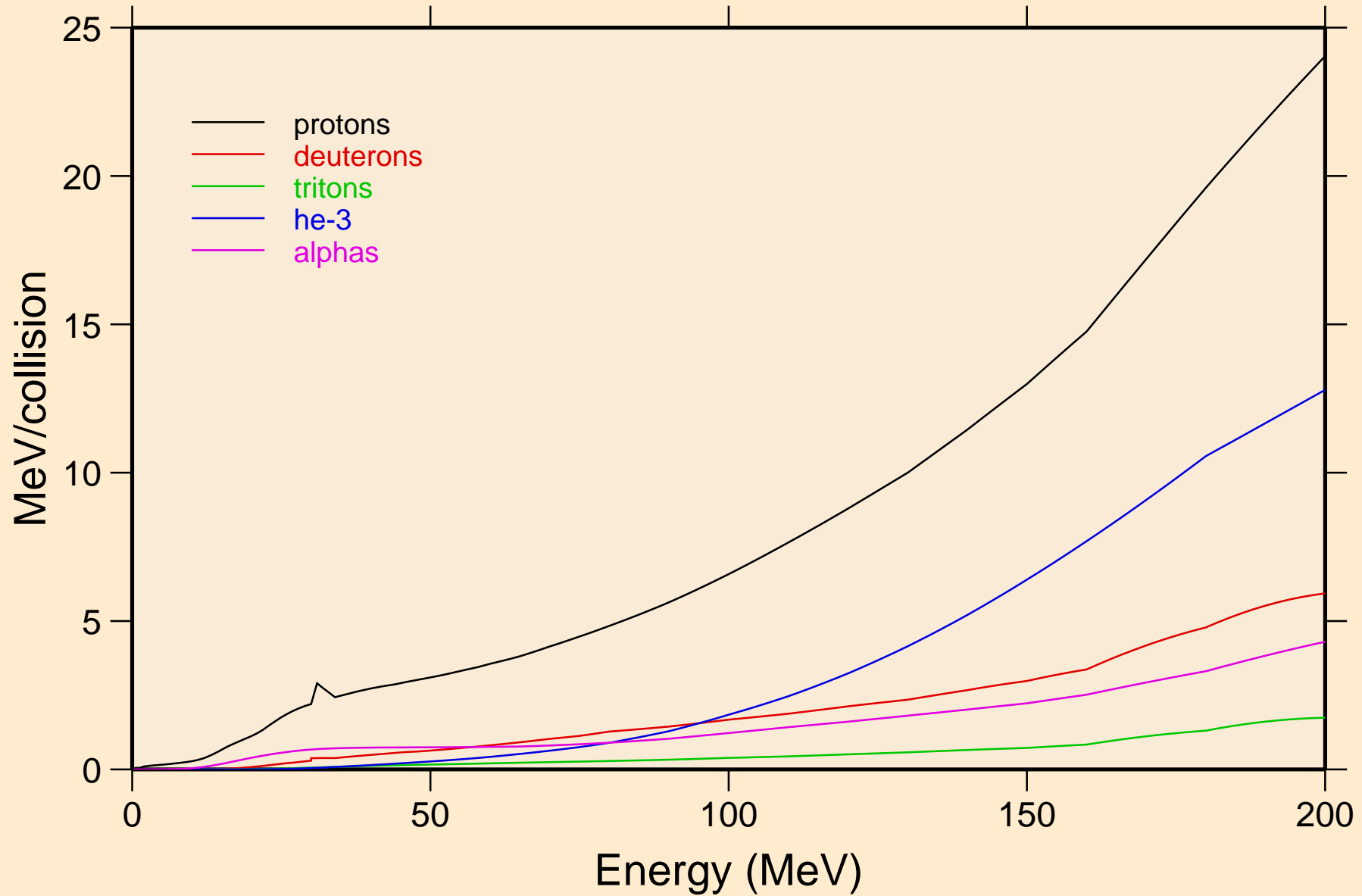


SR083 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# SR083 NRG TENDL-2015, AKONING

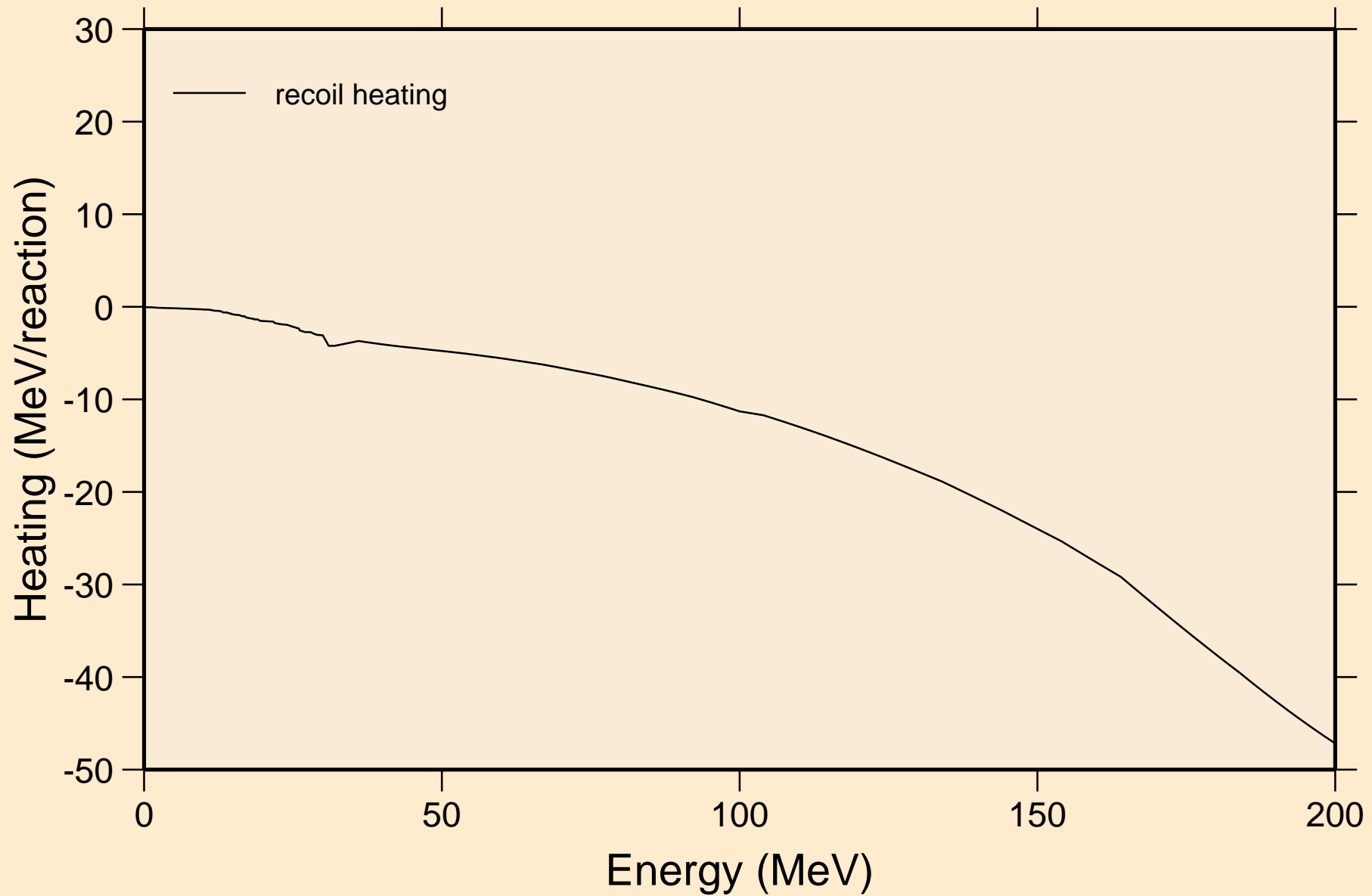
## Particle heating contributions





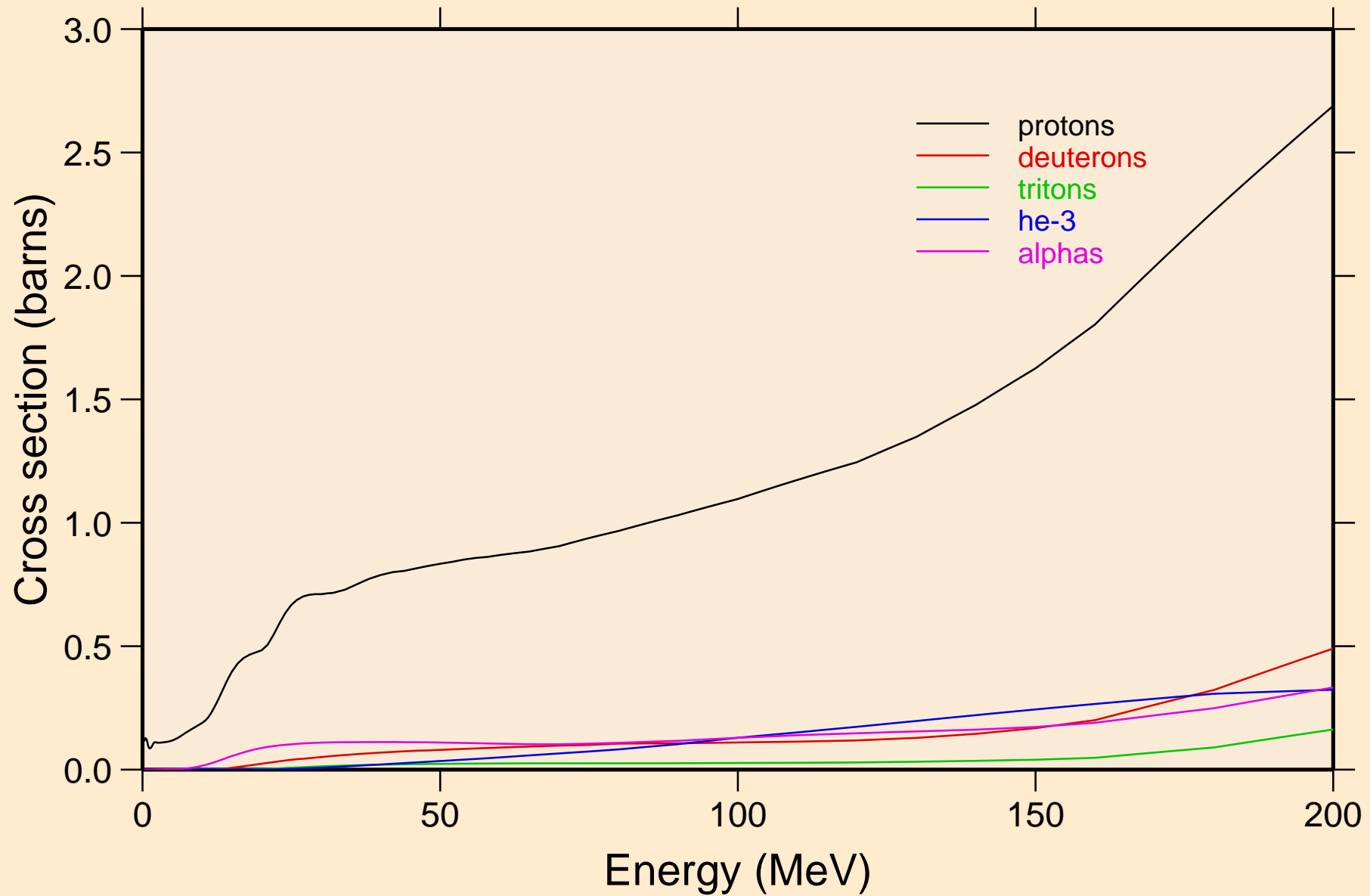
# SR083 NRG TENDL-2015, AKONING

## Recoil Heating

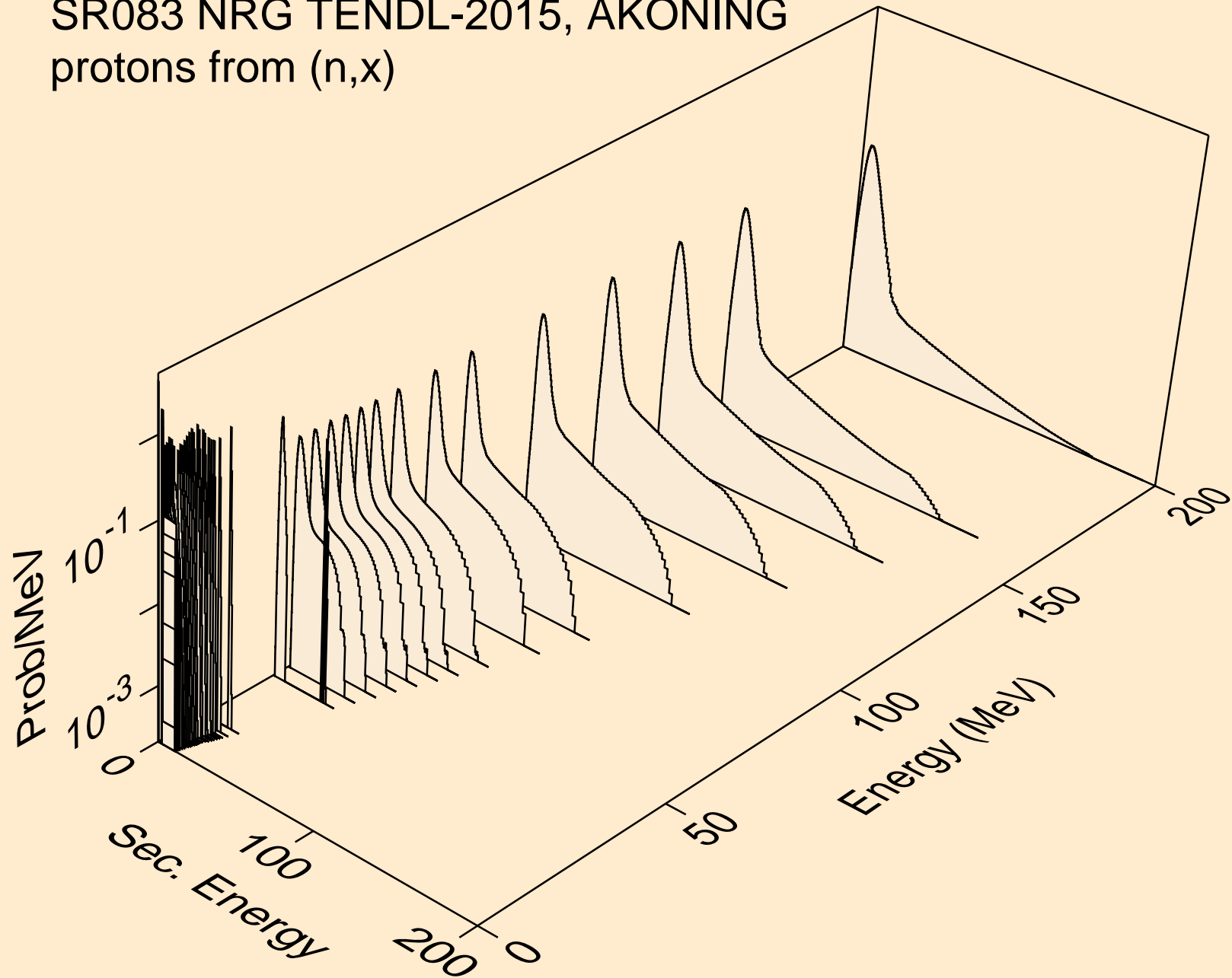


# SR083 NRG TENDL-2015, AKONING

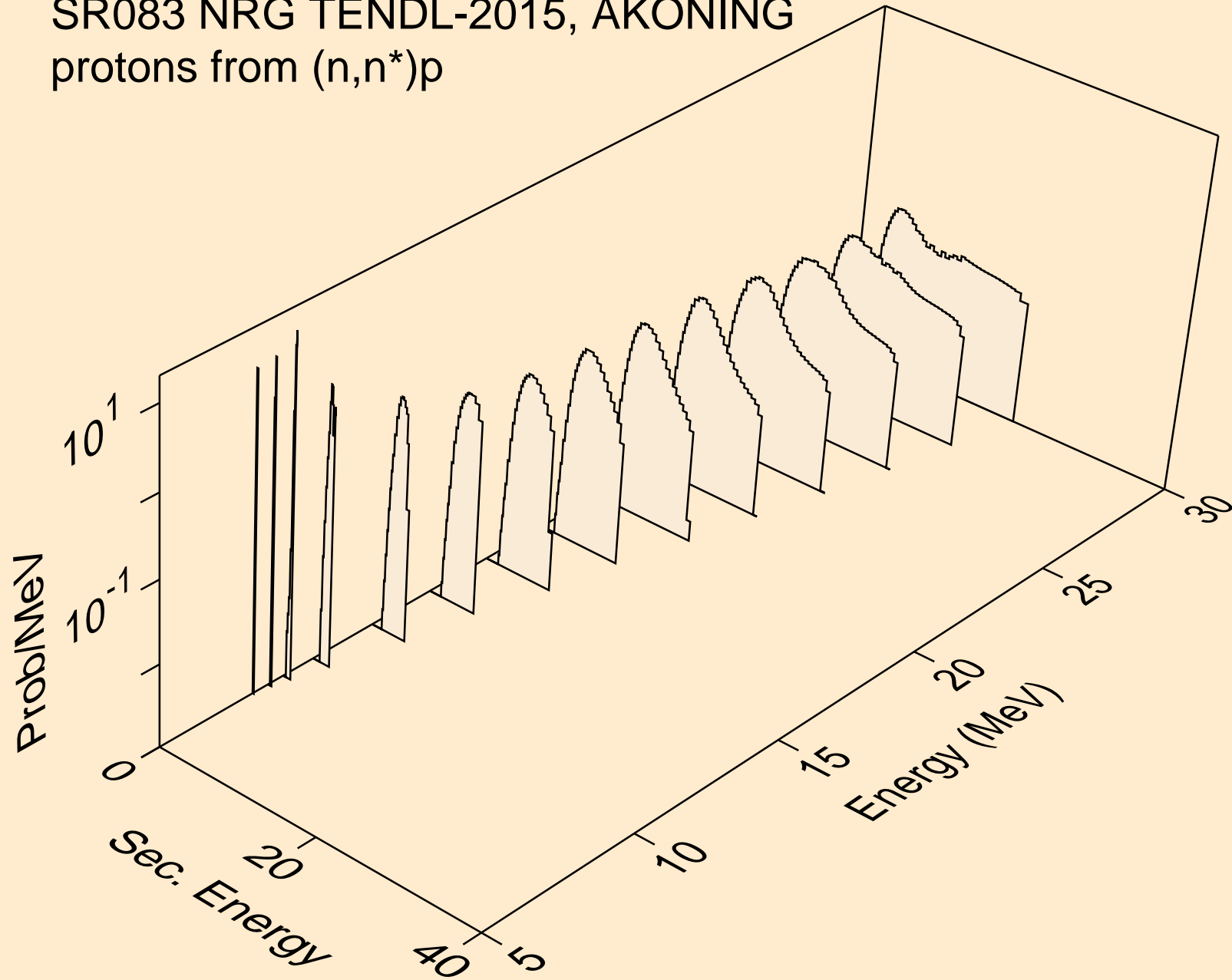
## Particle production cross sections



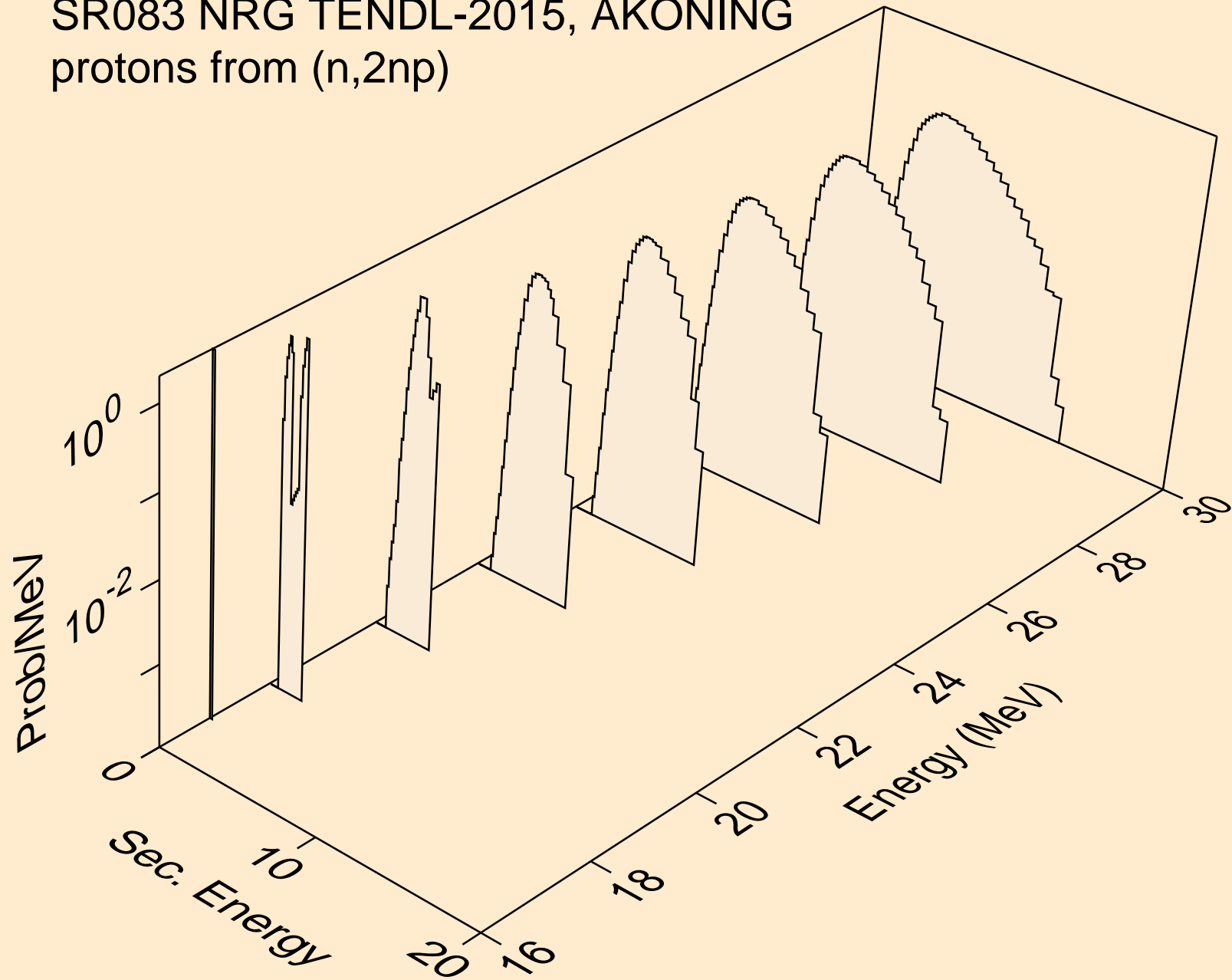
SR083 NRG TENDL-2015, AKONING  
protons from (n,x)



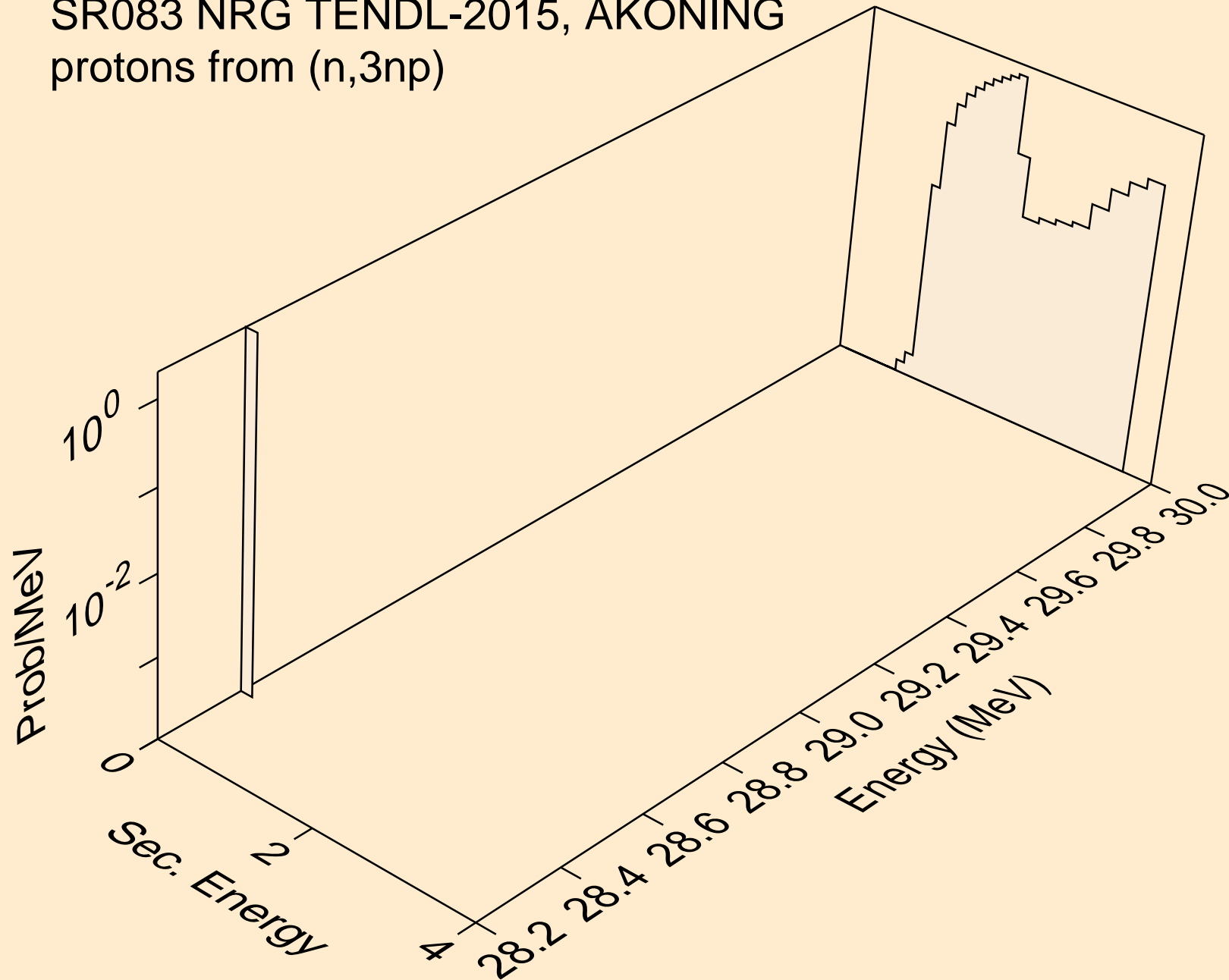
SR083 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



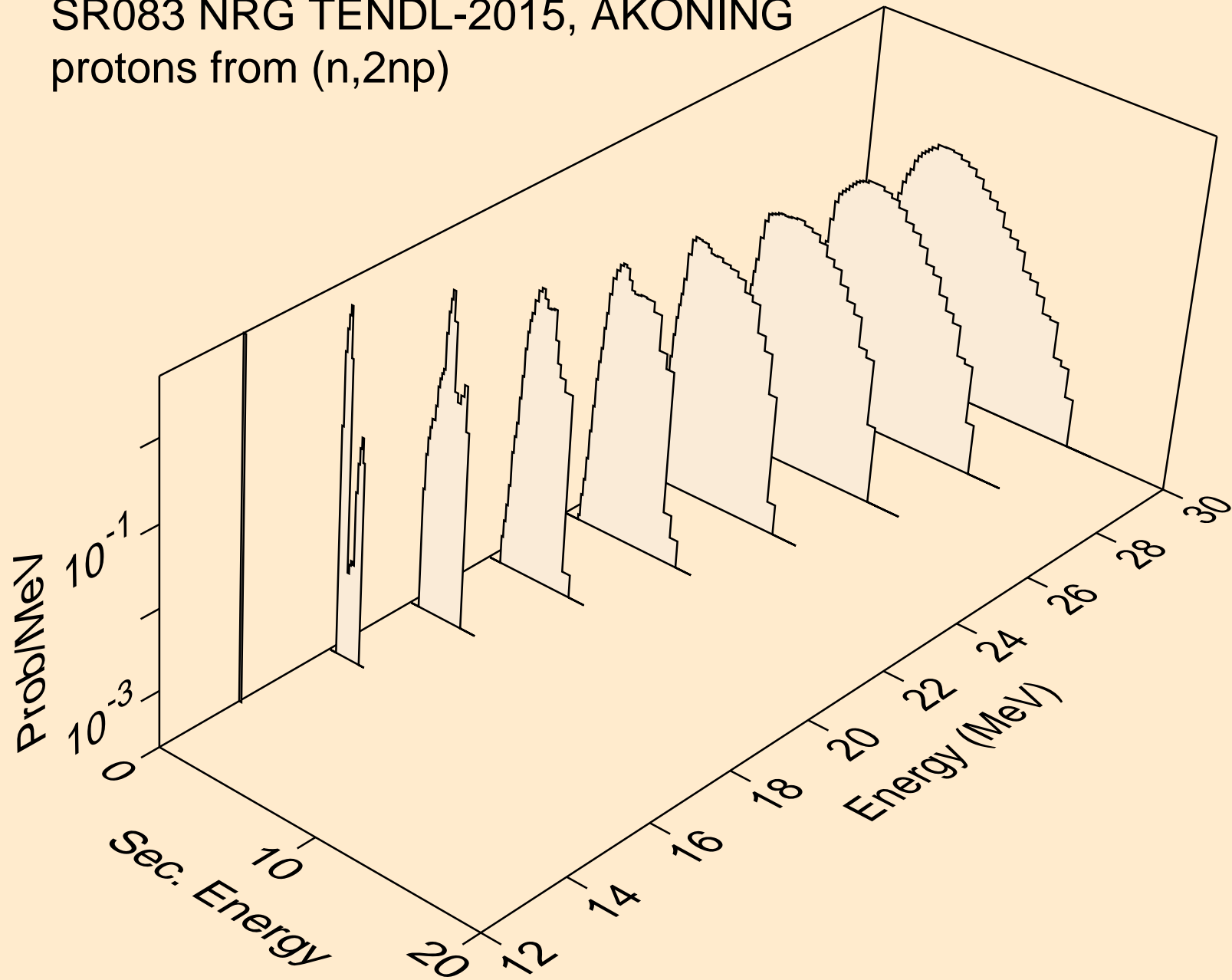
SR083 NRG TENDL-2015, AKONING  
protons from (n,2np)



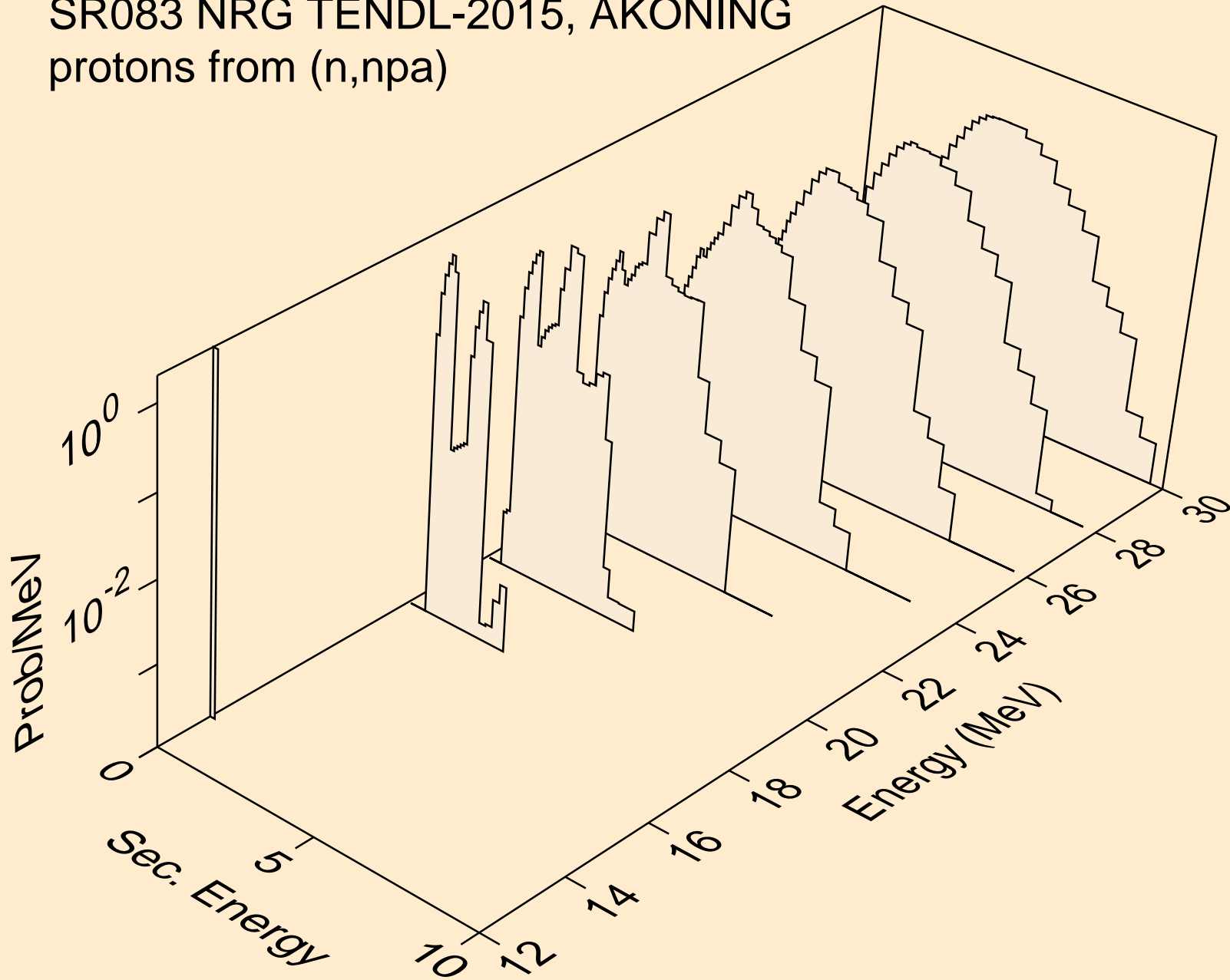
SR083 NRG TENDL-2015, AKONING  
protons from (n,3np)



SR083 NRG TENDL-2015, AKONING  
protons from (n,2np)

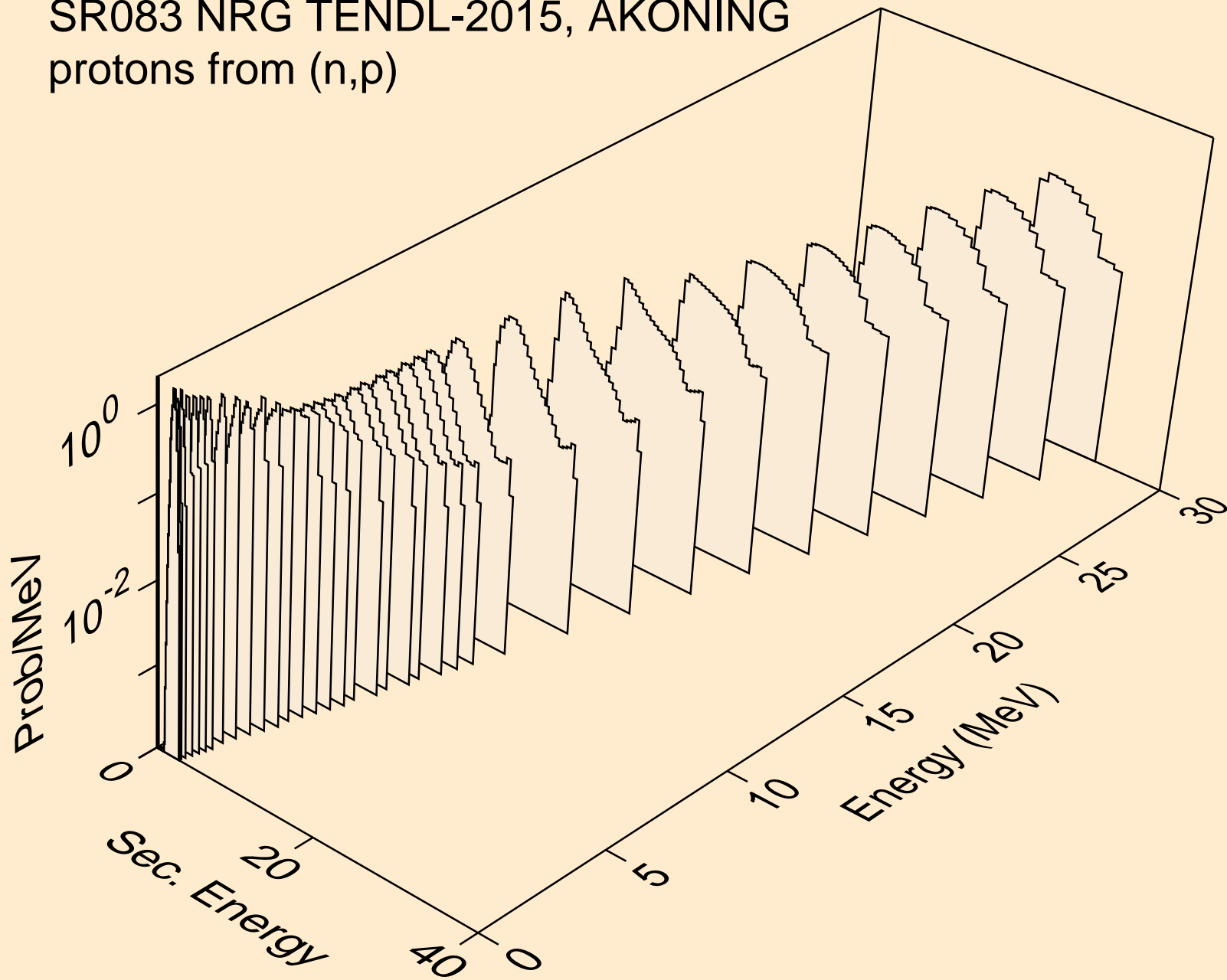


SR083 NRG TENDL-2015, AKONING  
protons from (n,npa)

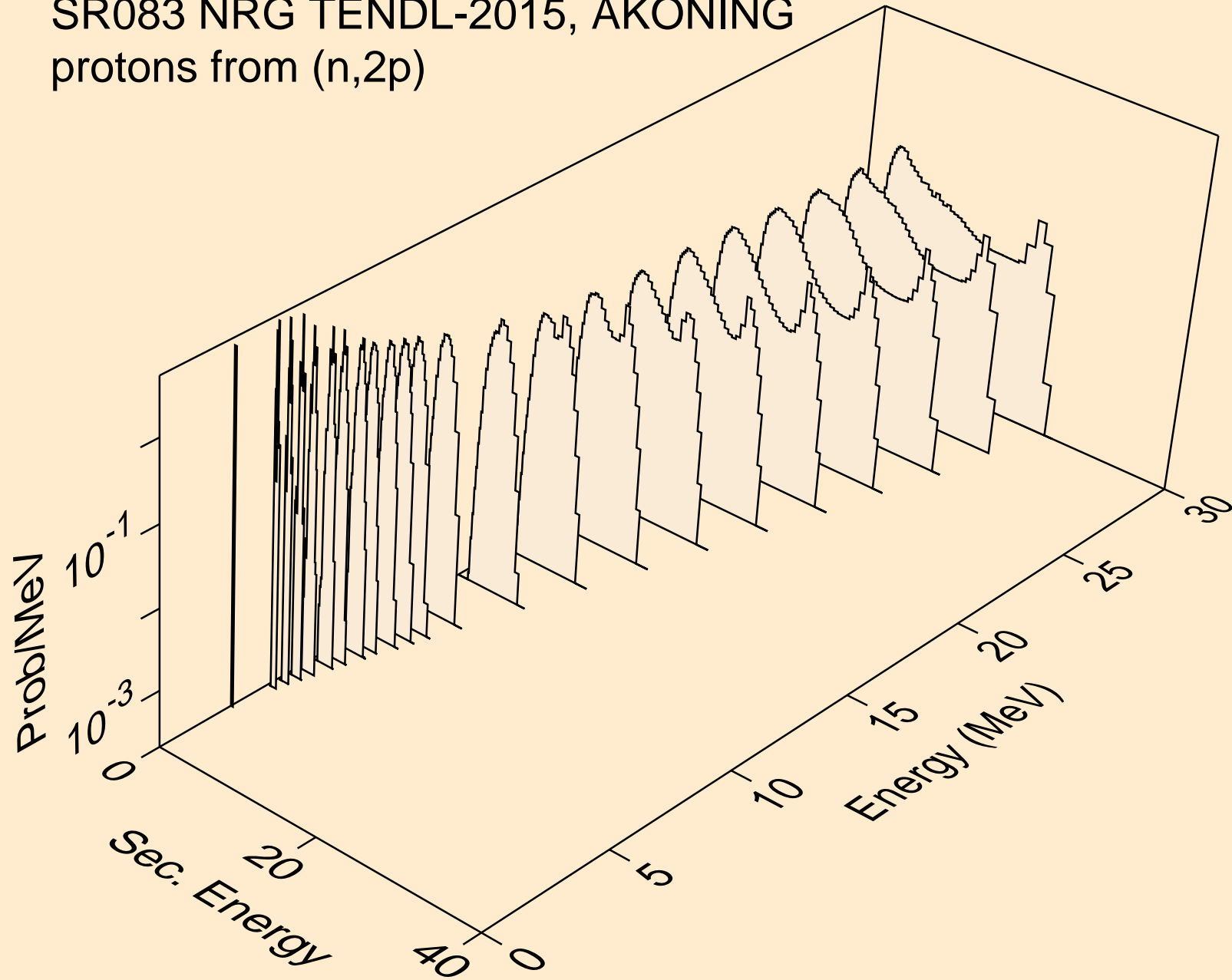




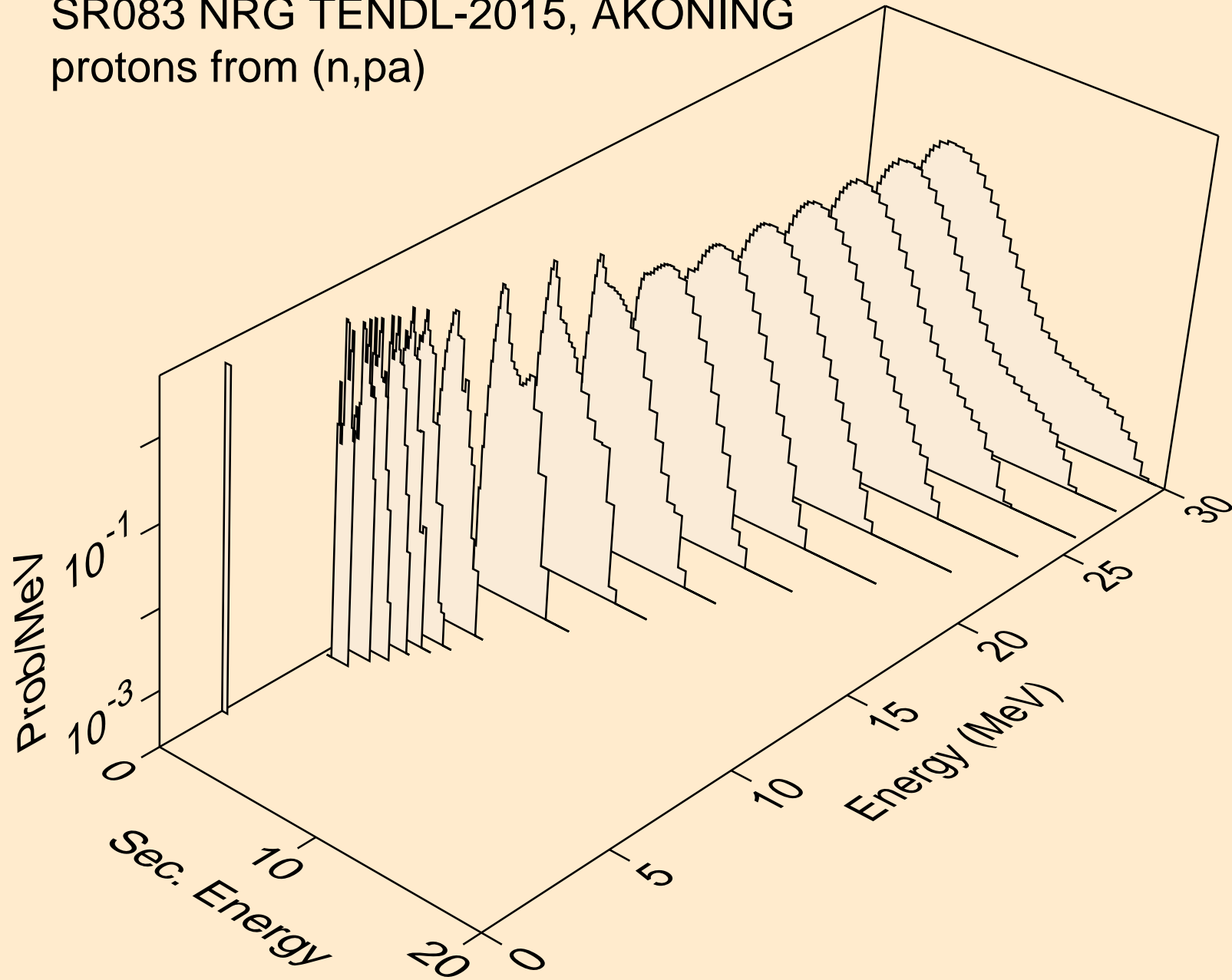
SR083 NRG TENDL-2015, AKONING  
protons from (n,p)



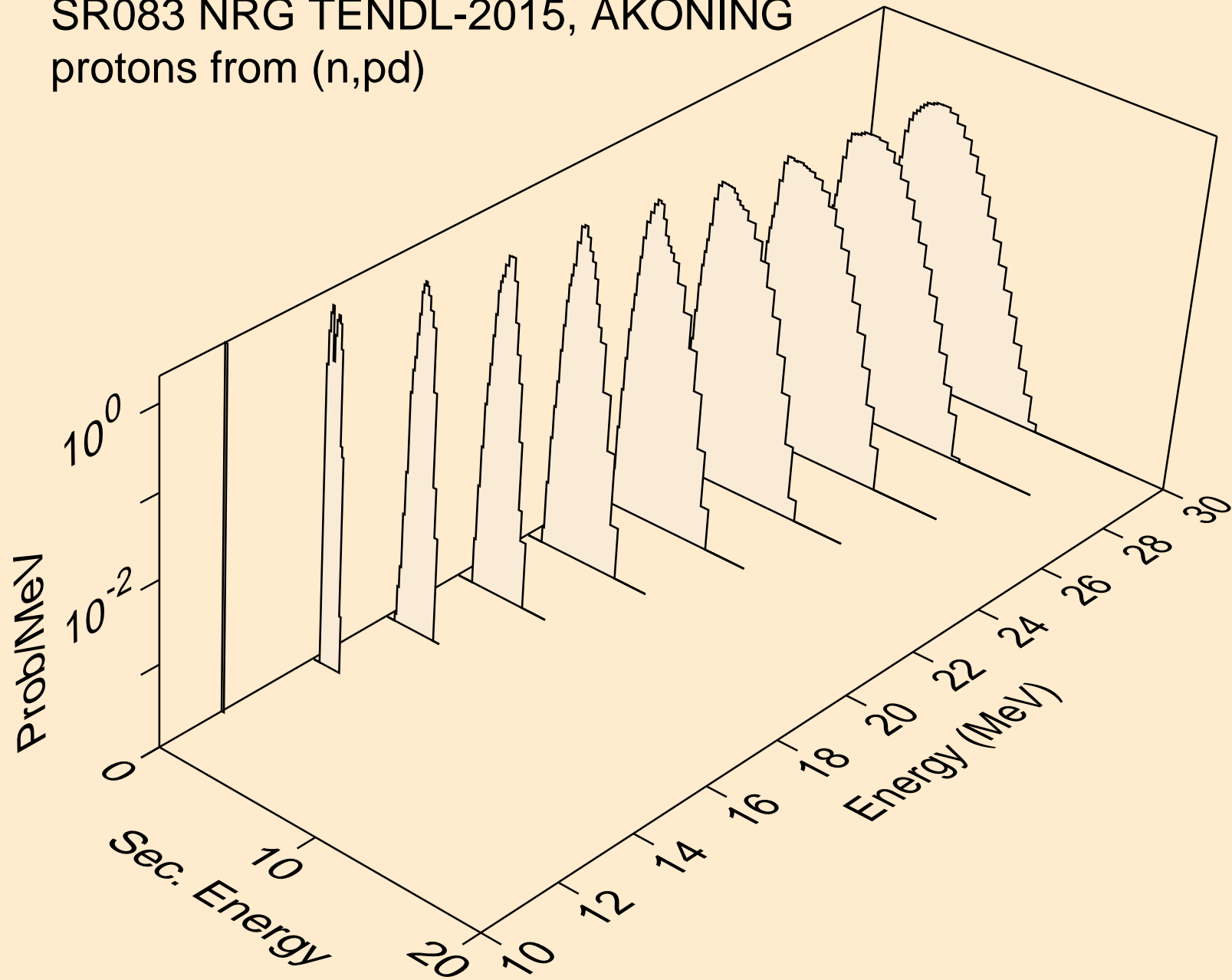
SR083 NRG TENDL-2015, AKONING  
protons from (n,2p)



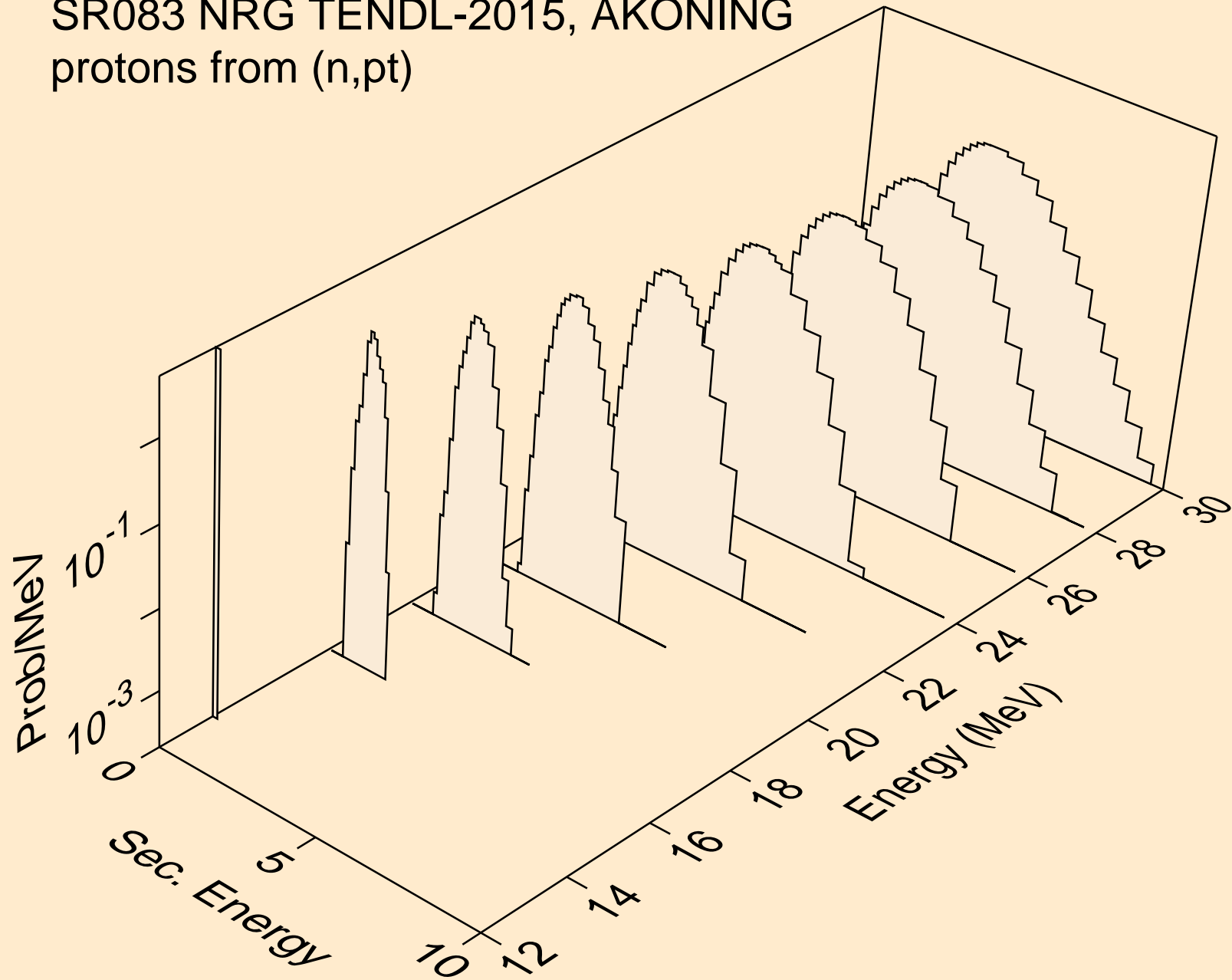
SR083 NRG TENDL-2015, AKONING  
protons from (n,pa)



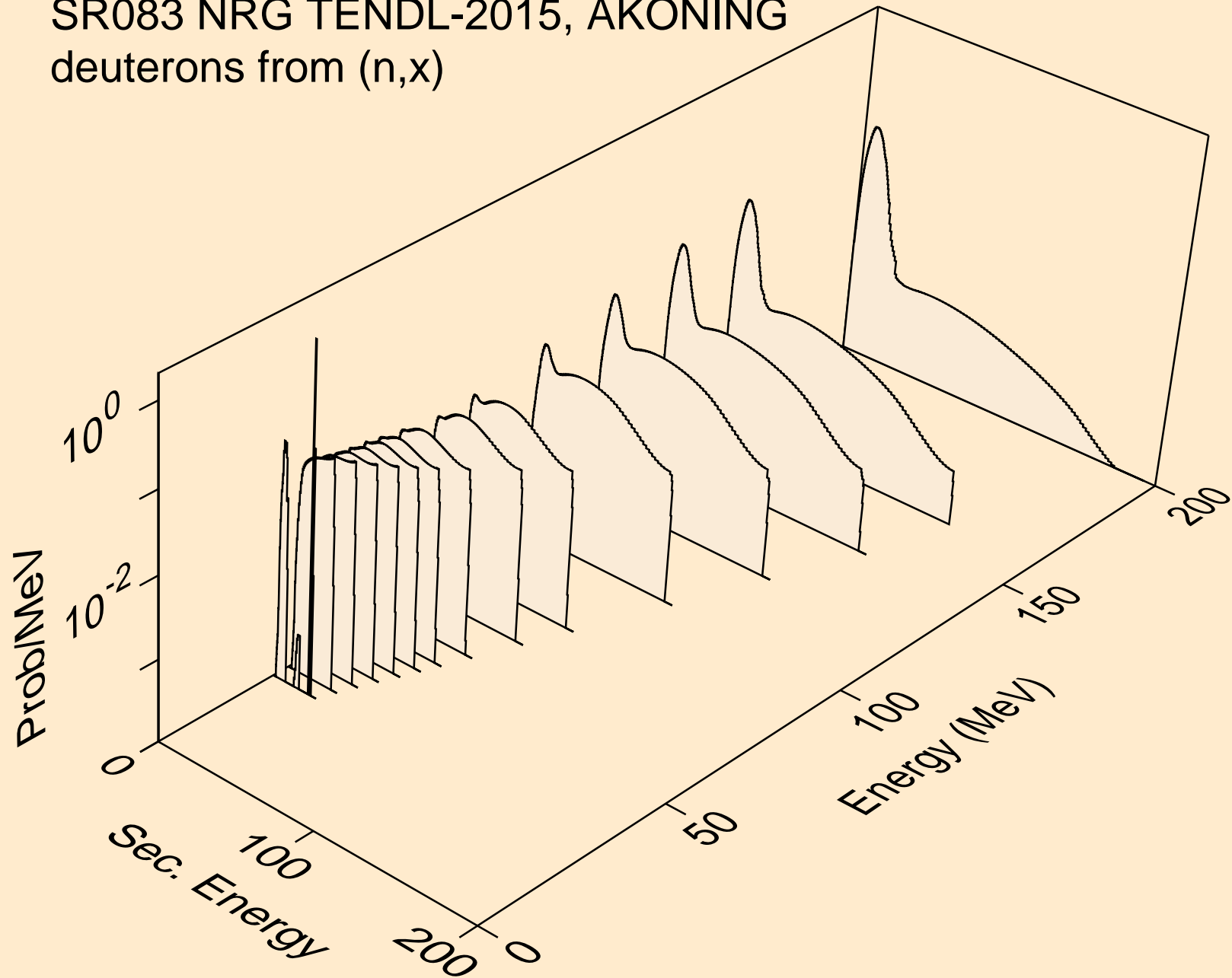
SR083 NRG TENDL-2015, AKONING  
protons from (n,pd)



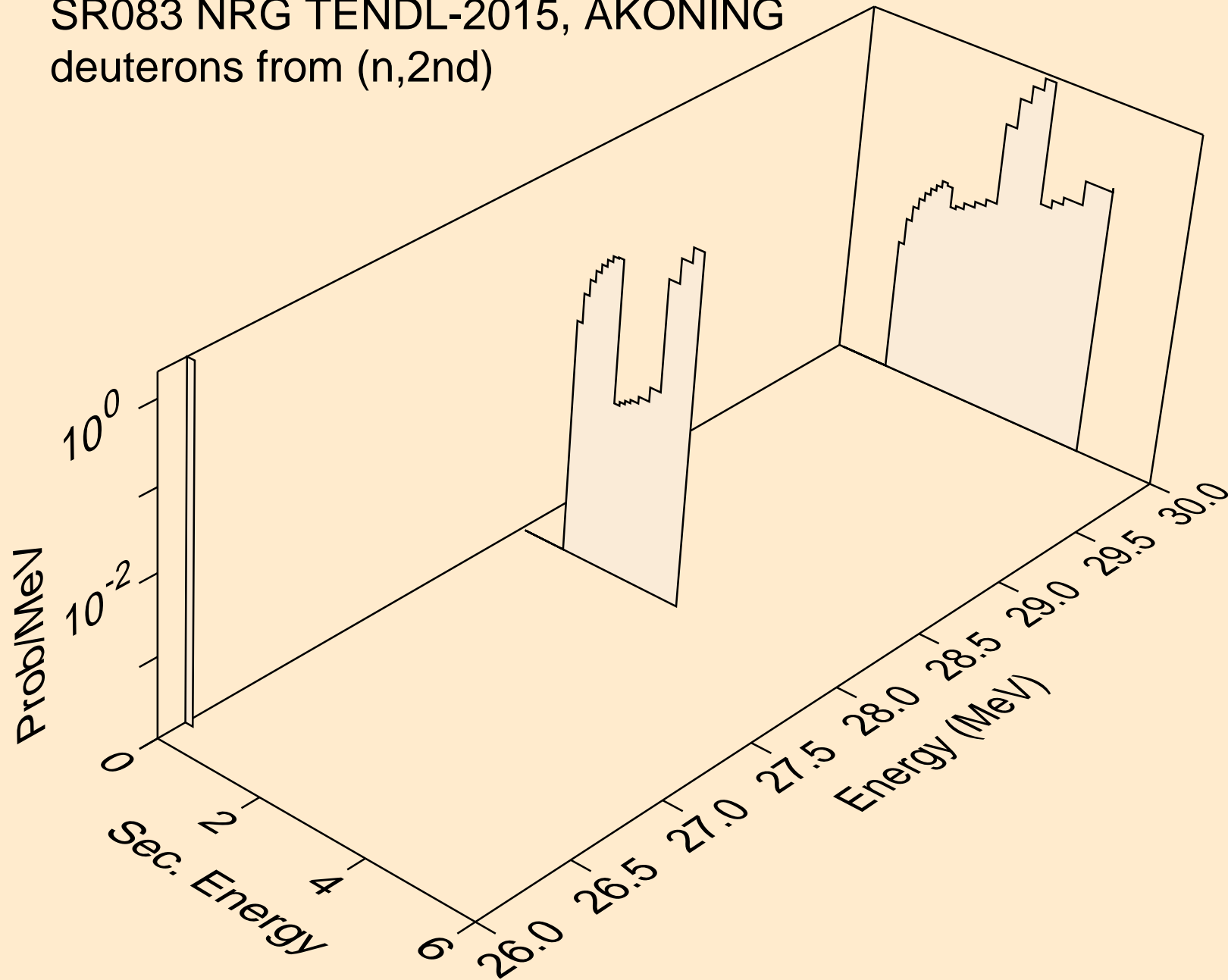
SR083 NRG TENDL-2015, AKONING  
protons from (n,pt)



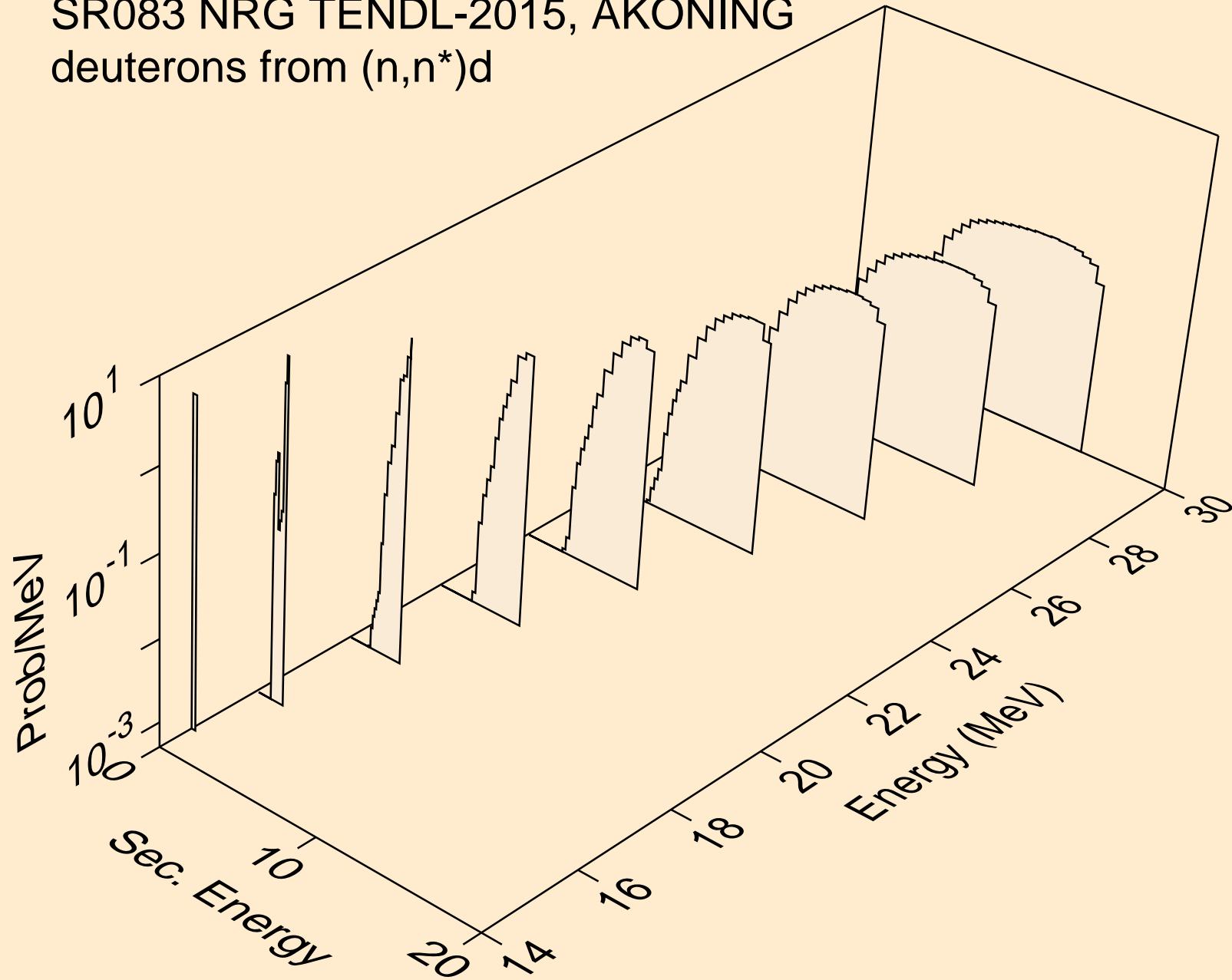
SR083 NRG TENDL-2015, AKONING  
deuterons from (n,x)



SR083 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

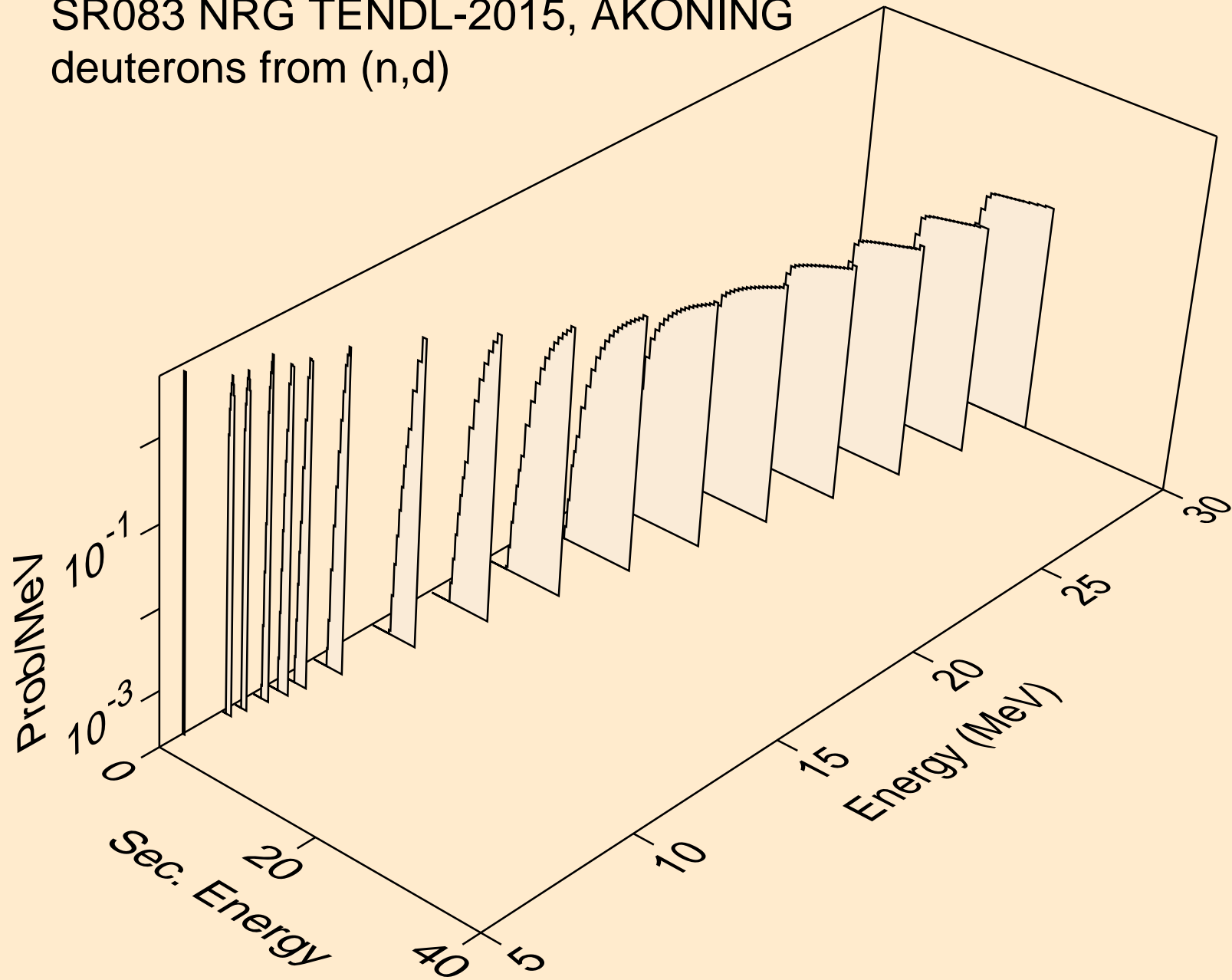


SR083 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

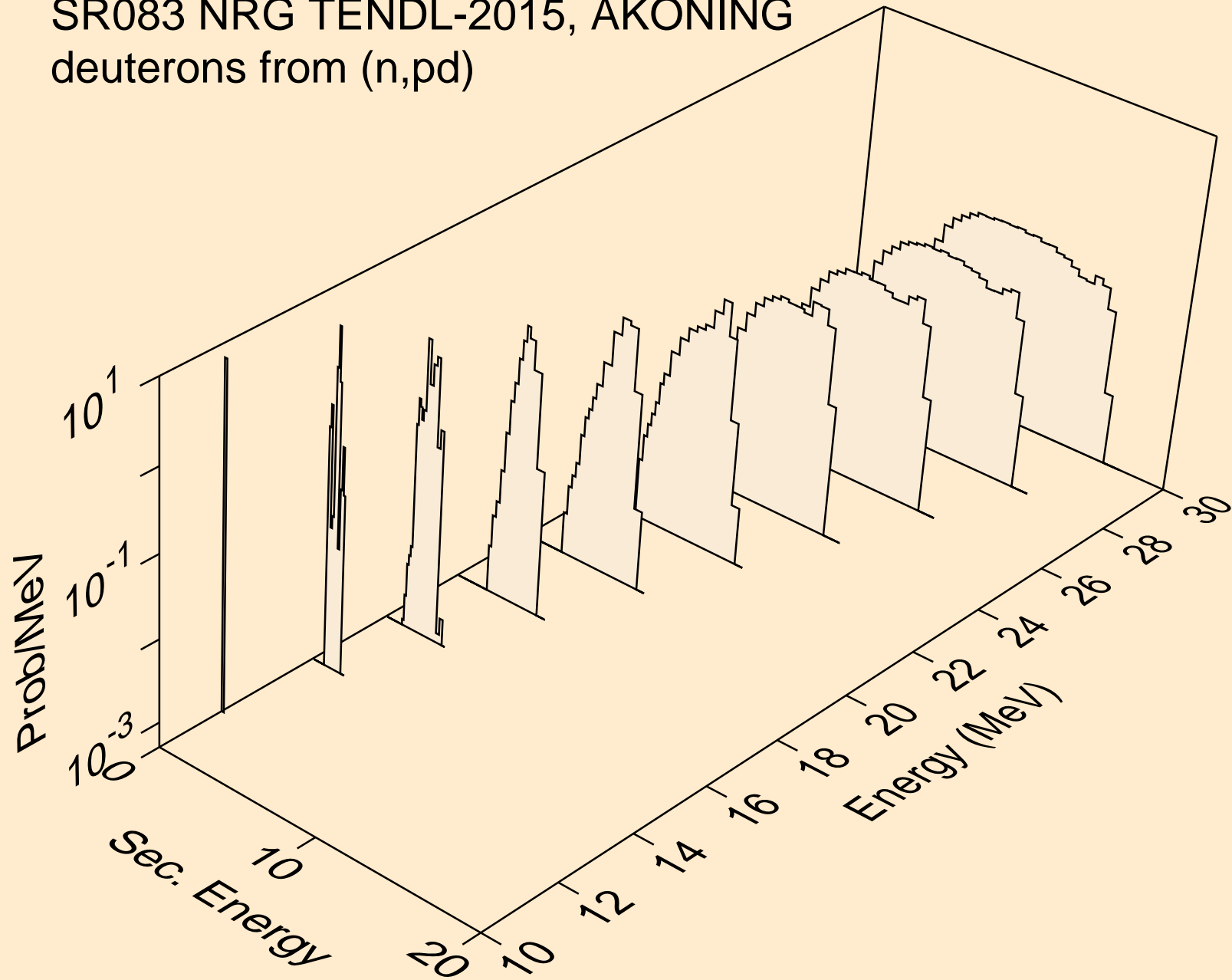




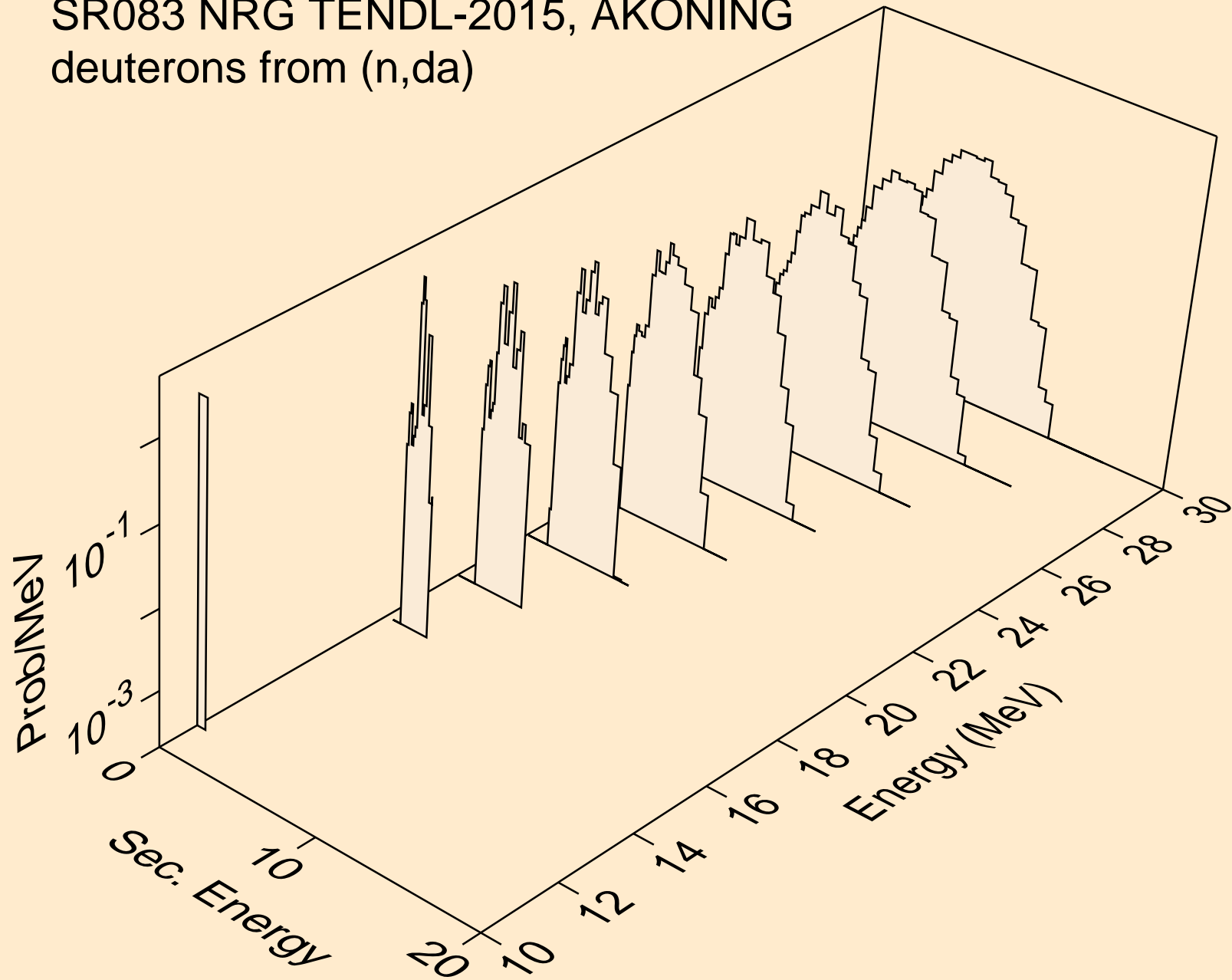
SR083 NRG TENDL-2015, AKONING  
deuterons from (n,d)



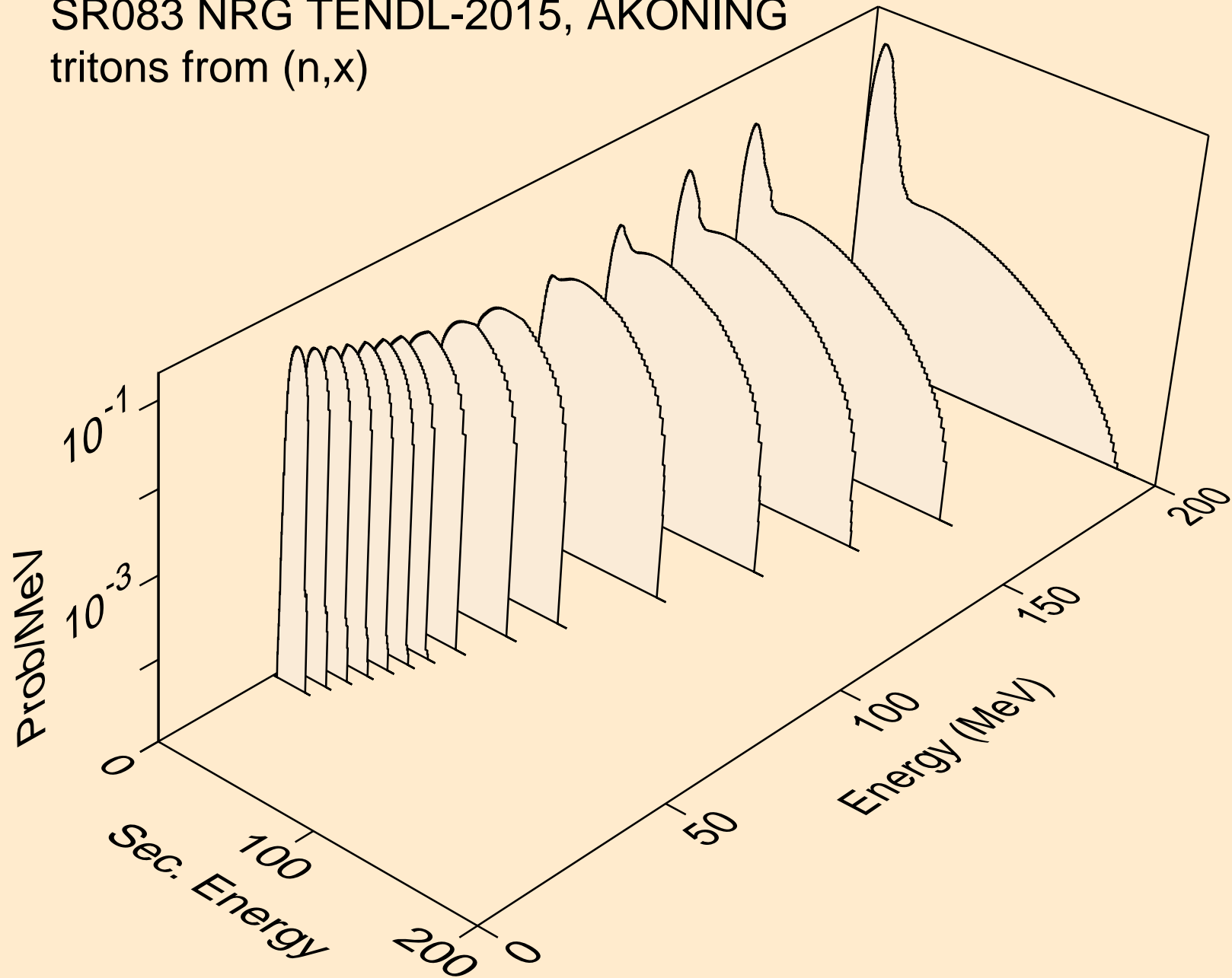
SR083 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



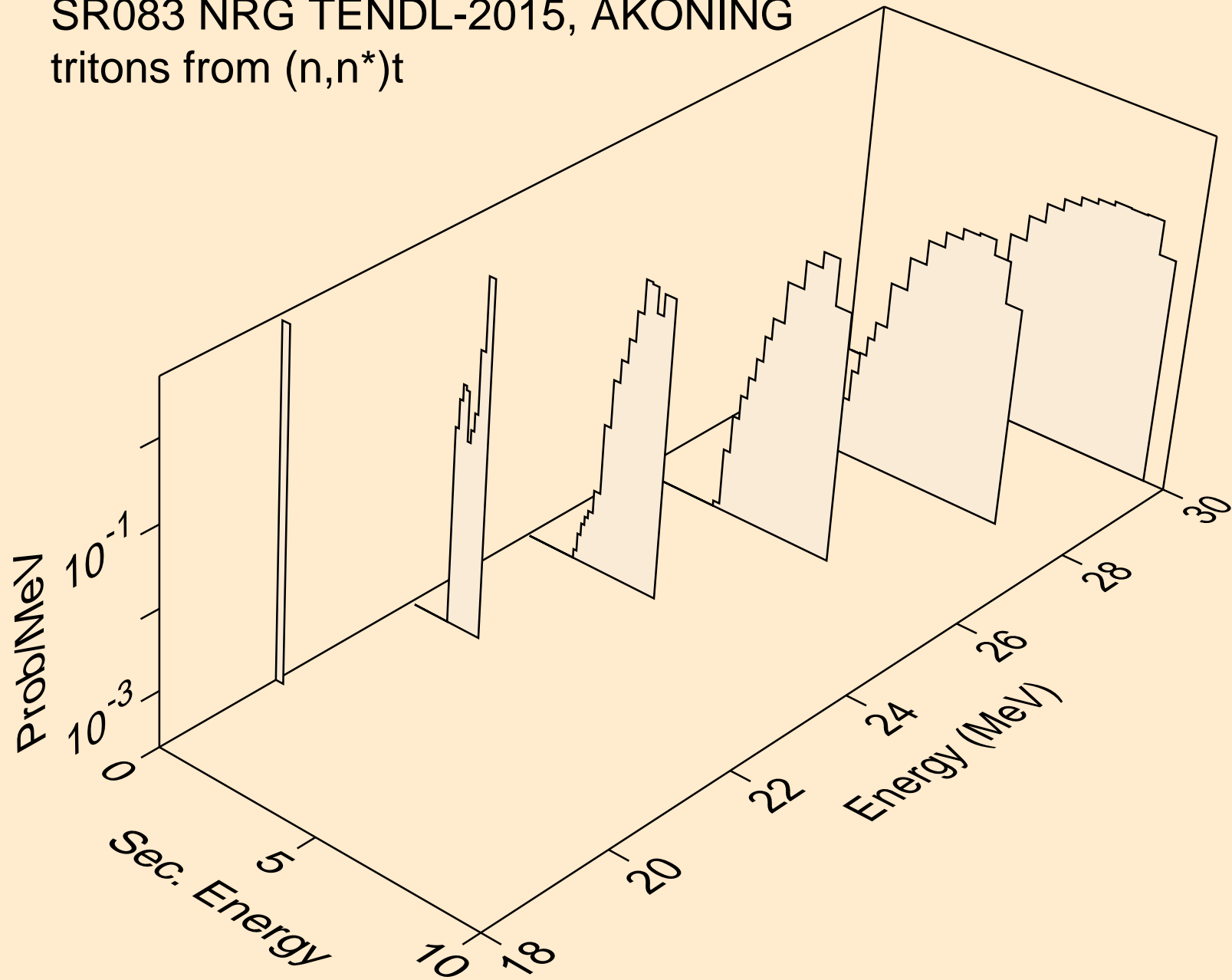
SR083 NRG TENDL-2015, AKONING  
deuterons from (n,da)



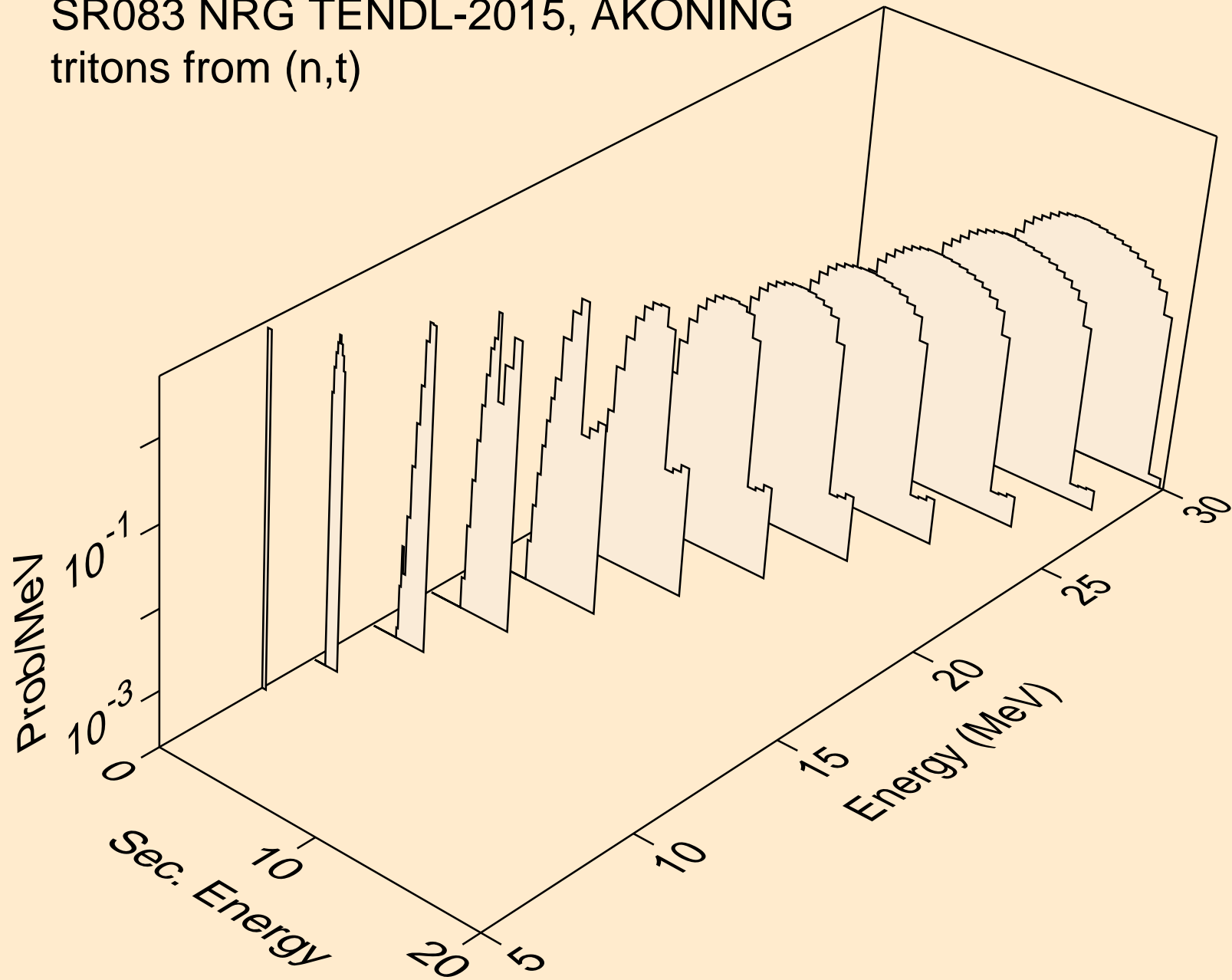
SR083 NRG TENDL-2015, AKONING  
tritons from (n,x)



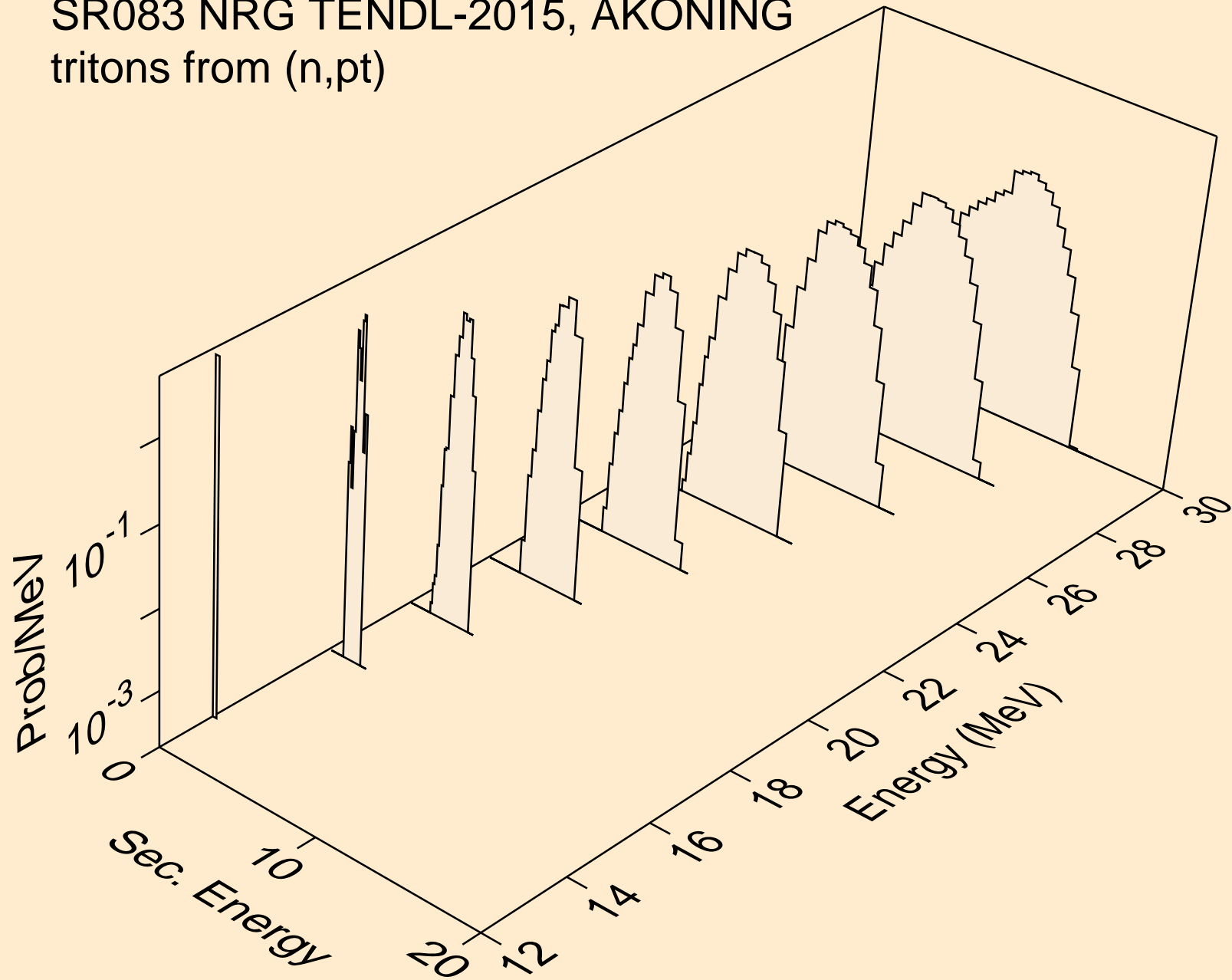
SR083 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



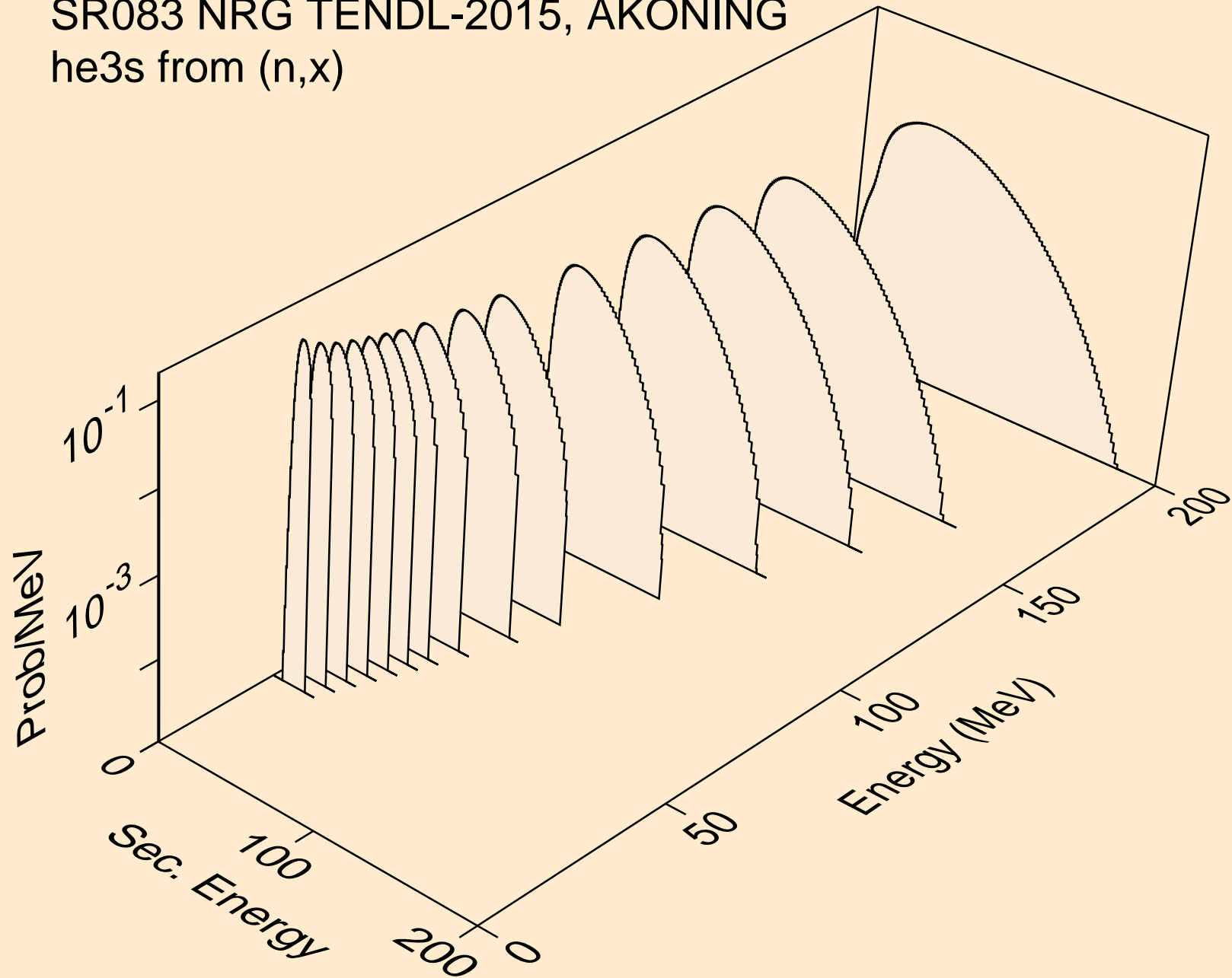
SR083 NRG TENDL-2015, AKONING  
tritons from (n,t)



SR083 NRG TENDL-2015, AKONING  
tritons from (n,pt)

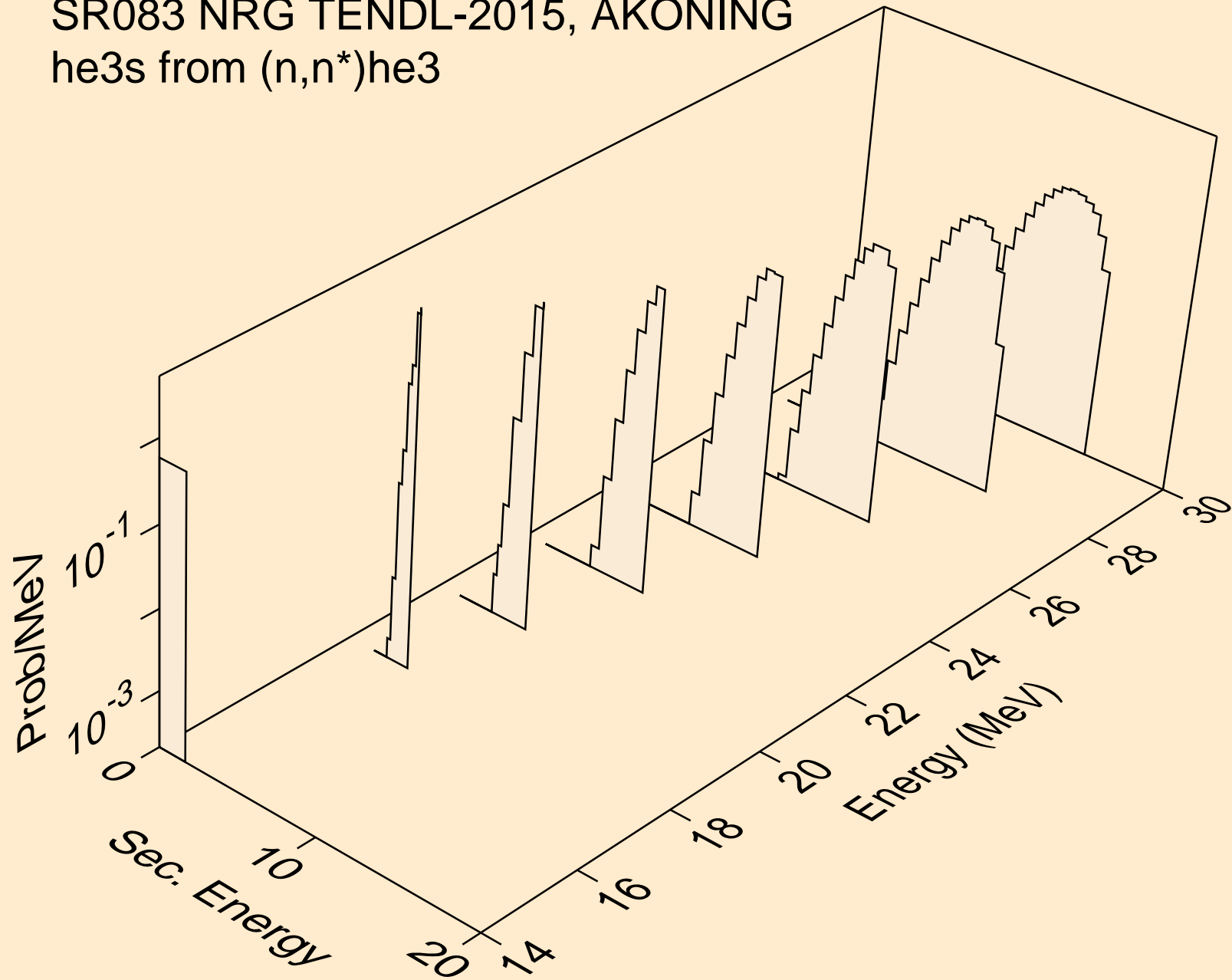


SR083 NRG TENDL-2015, AKONING  
he3s from (n,x)

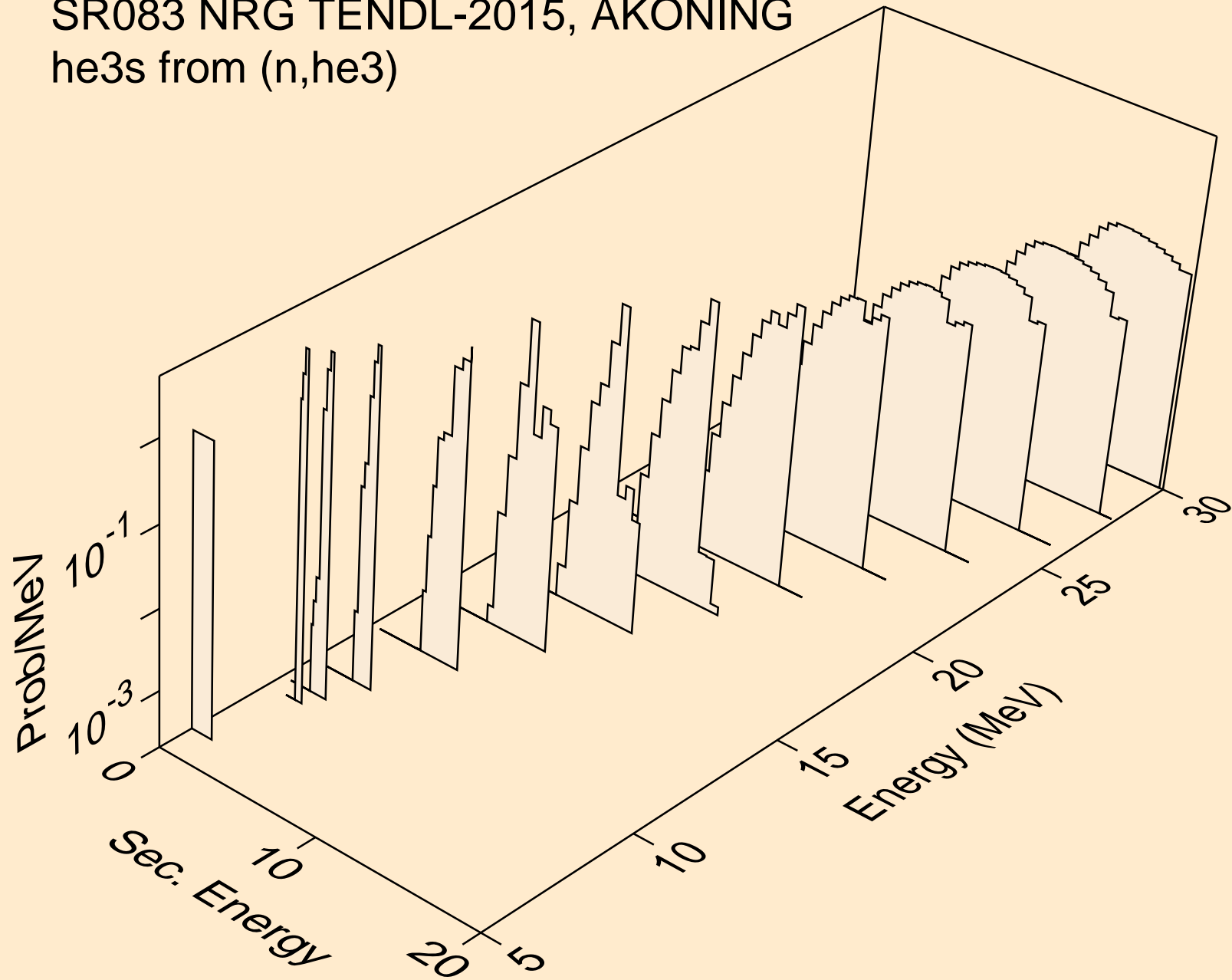




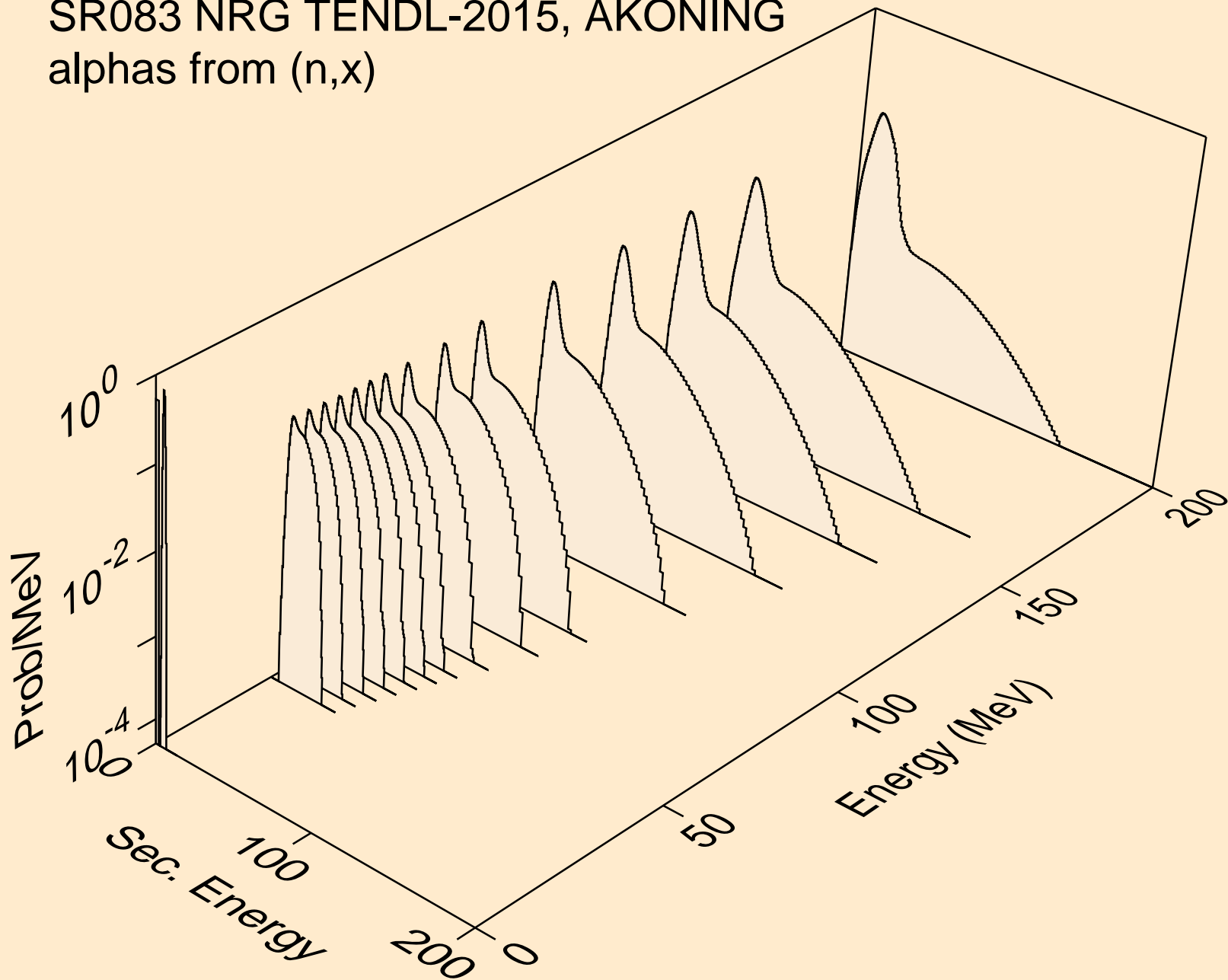
SR083 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



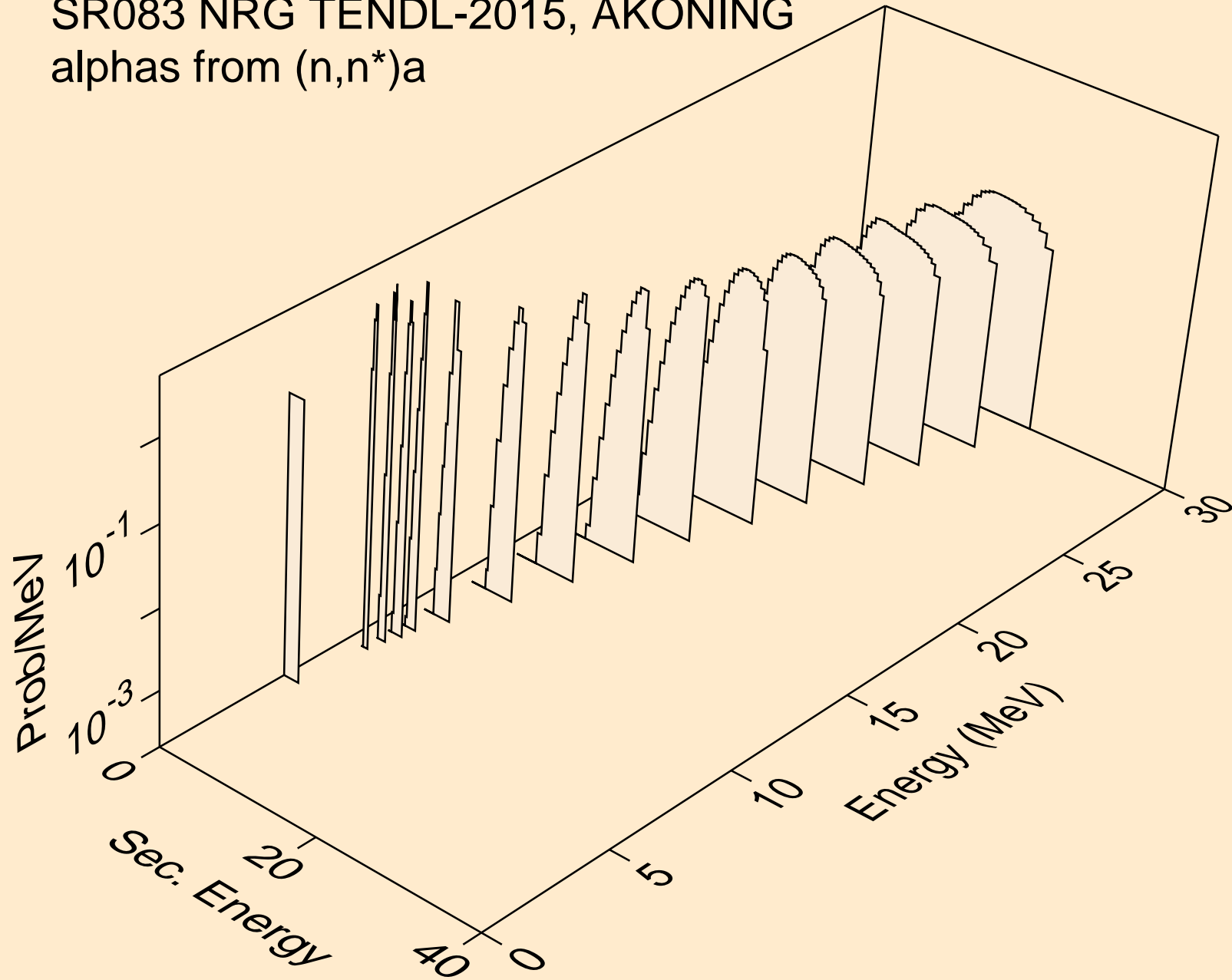
SR083 NRG TENDL-2015, AKONING  
he3s from (n,he3)



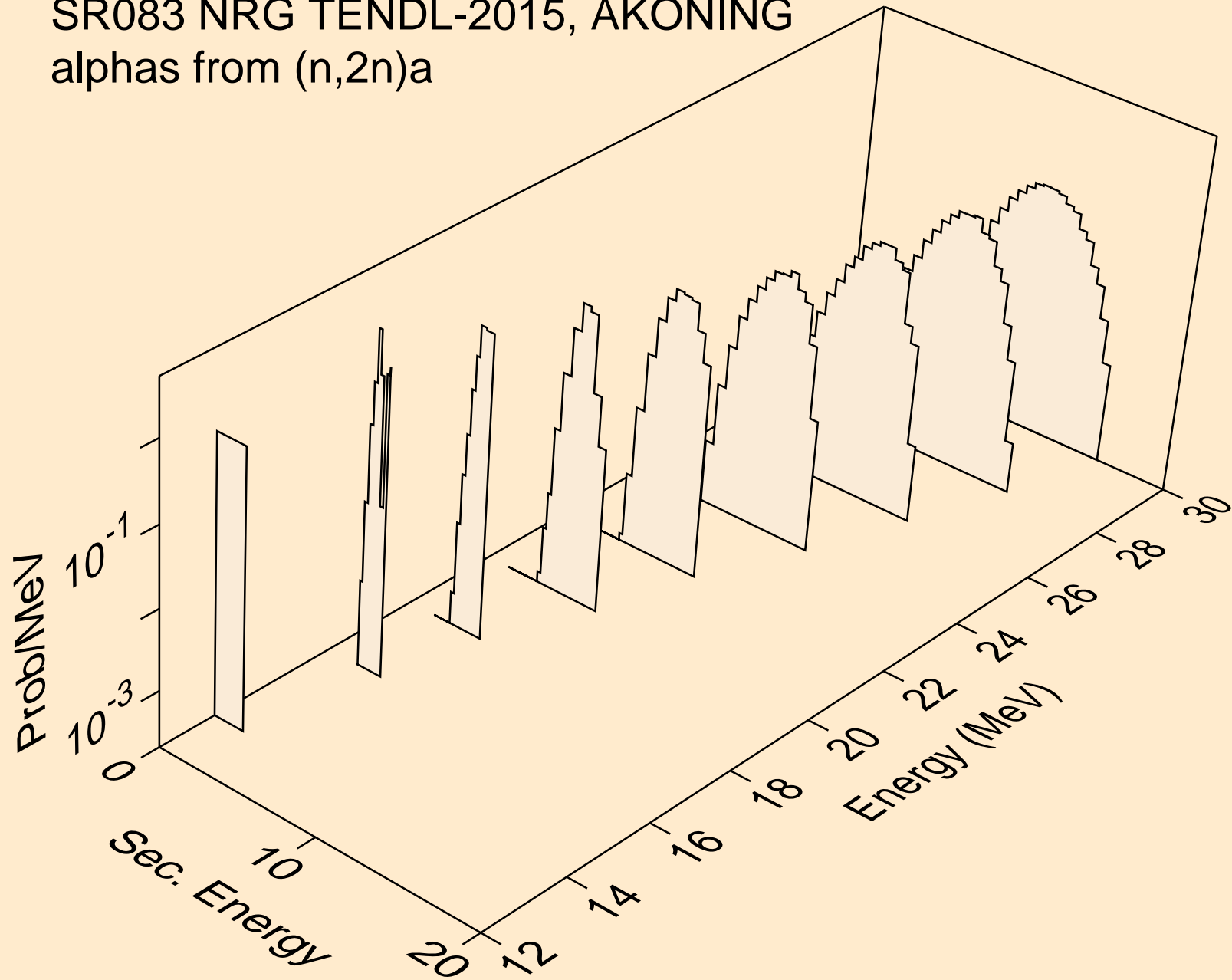
SR083 NRG TENDL-2015, AKONING  
alphas from (n,x)



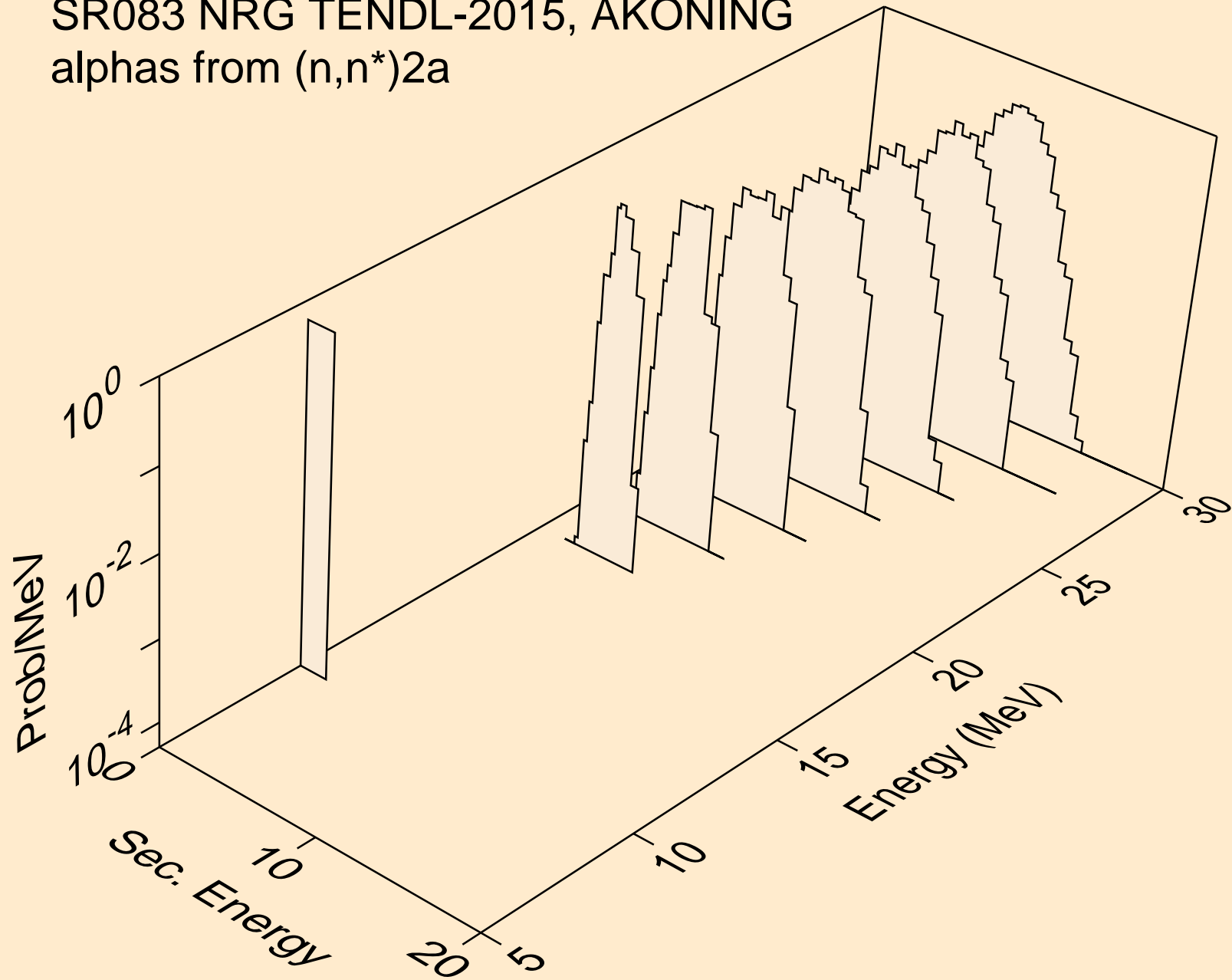
SR083 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



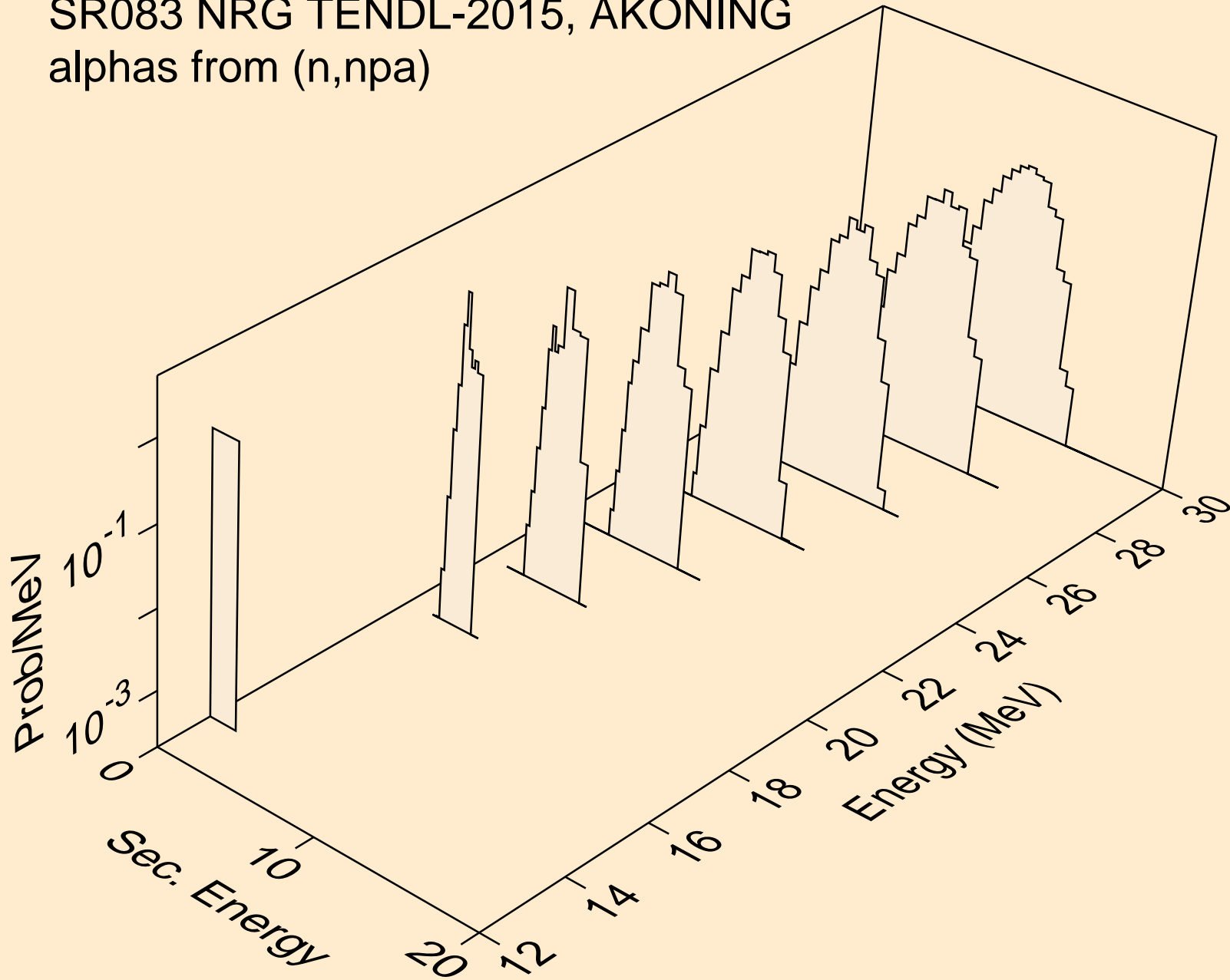
SR083 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



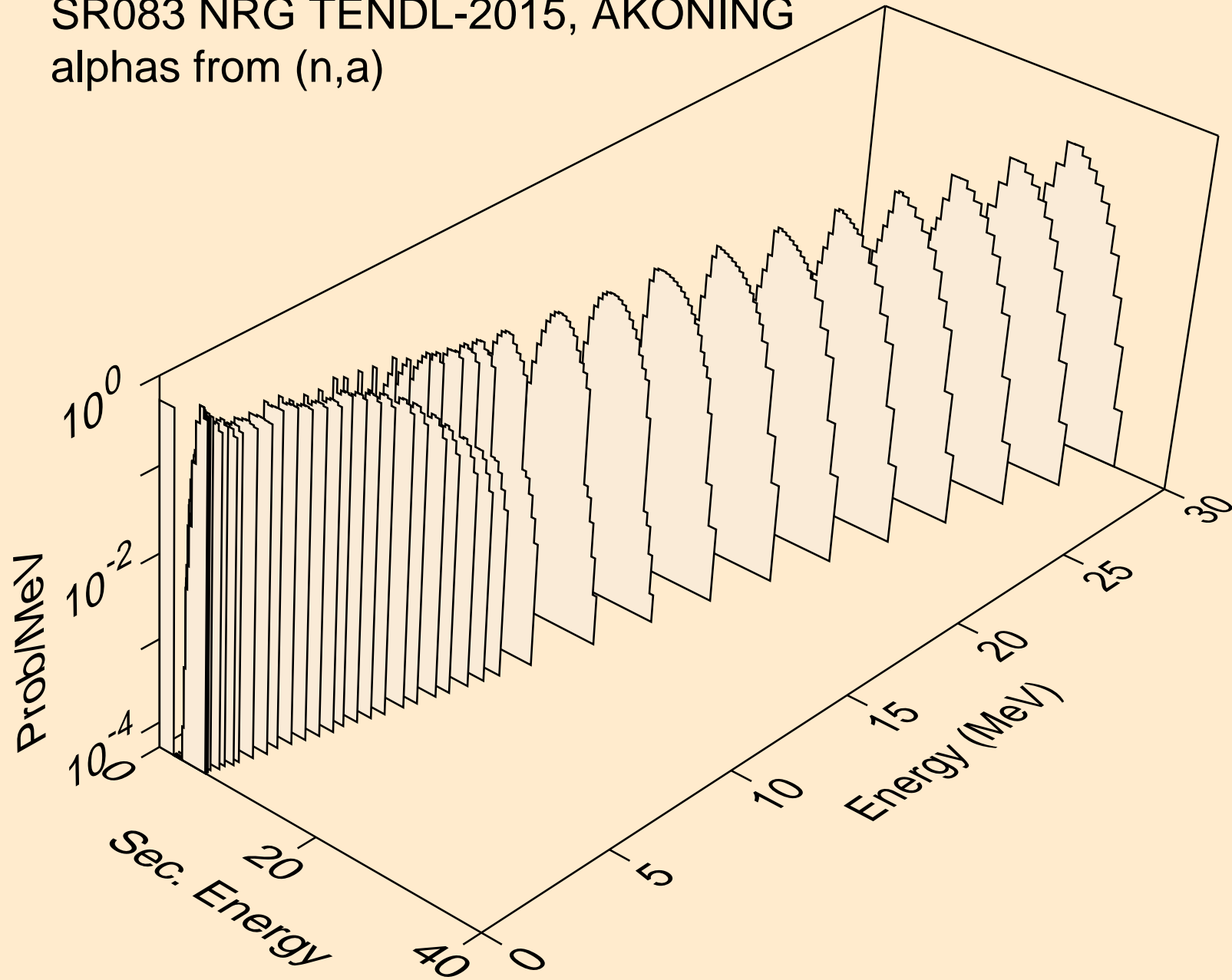
SR083 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



SR083 NRG TENDL-2015, AKONING  
alphas from (n,npa)

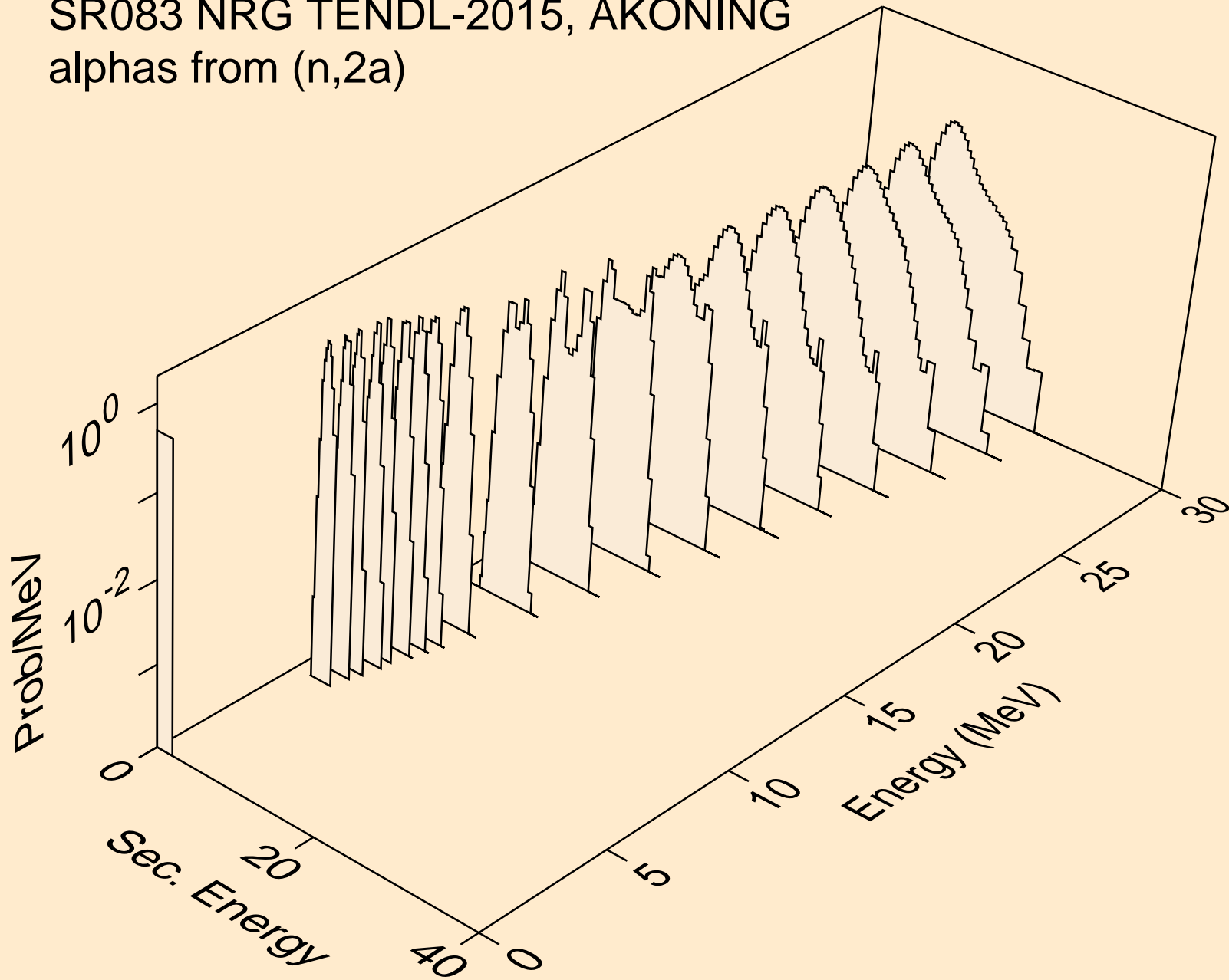


SR083 NRG TENDL-2015, AKONING  
alphas from (n,a)

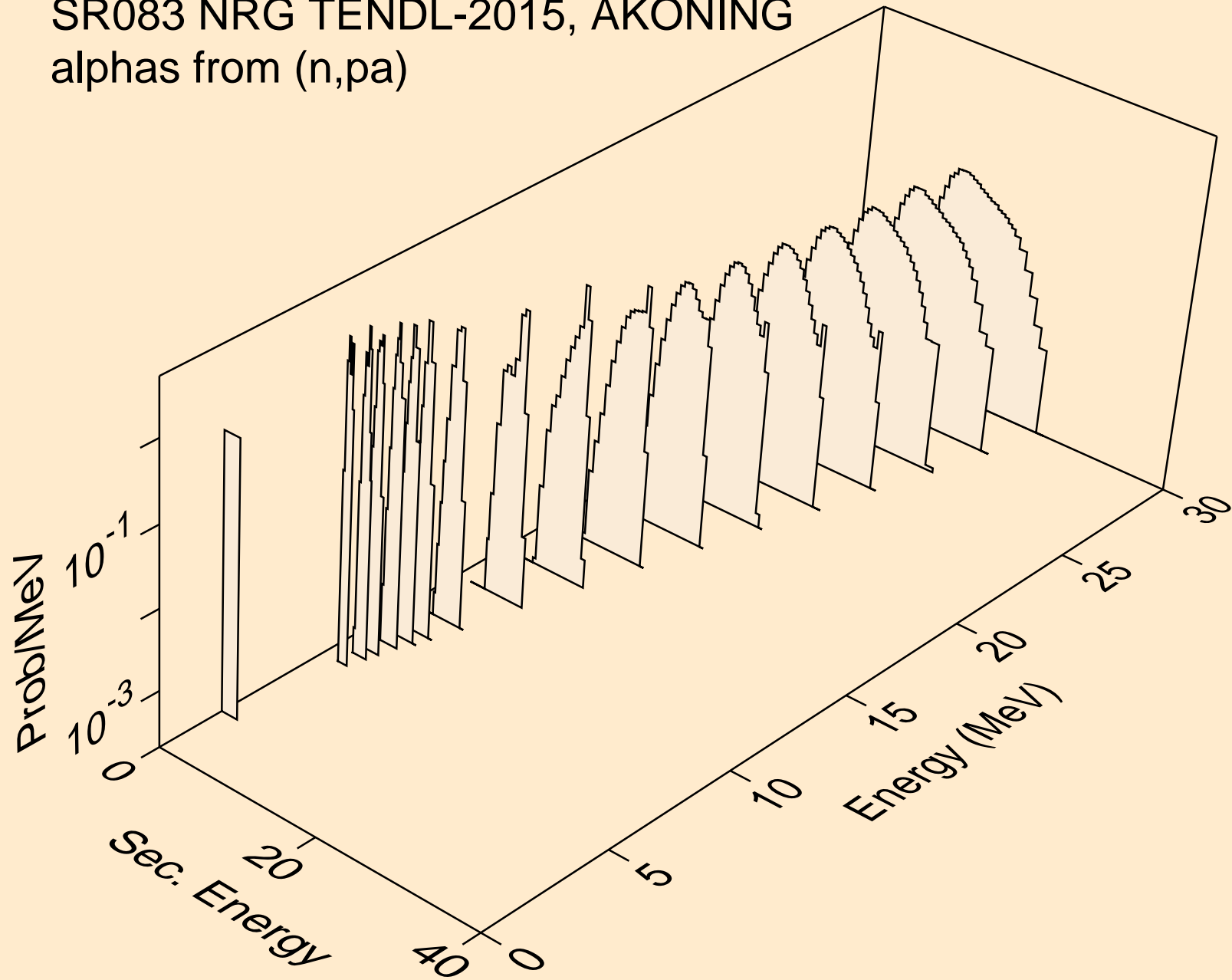




SR083 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SR083 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SR083 NRG TENDL-2015, AKONING  
alphas from (n,da)

