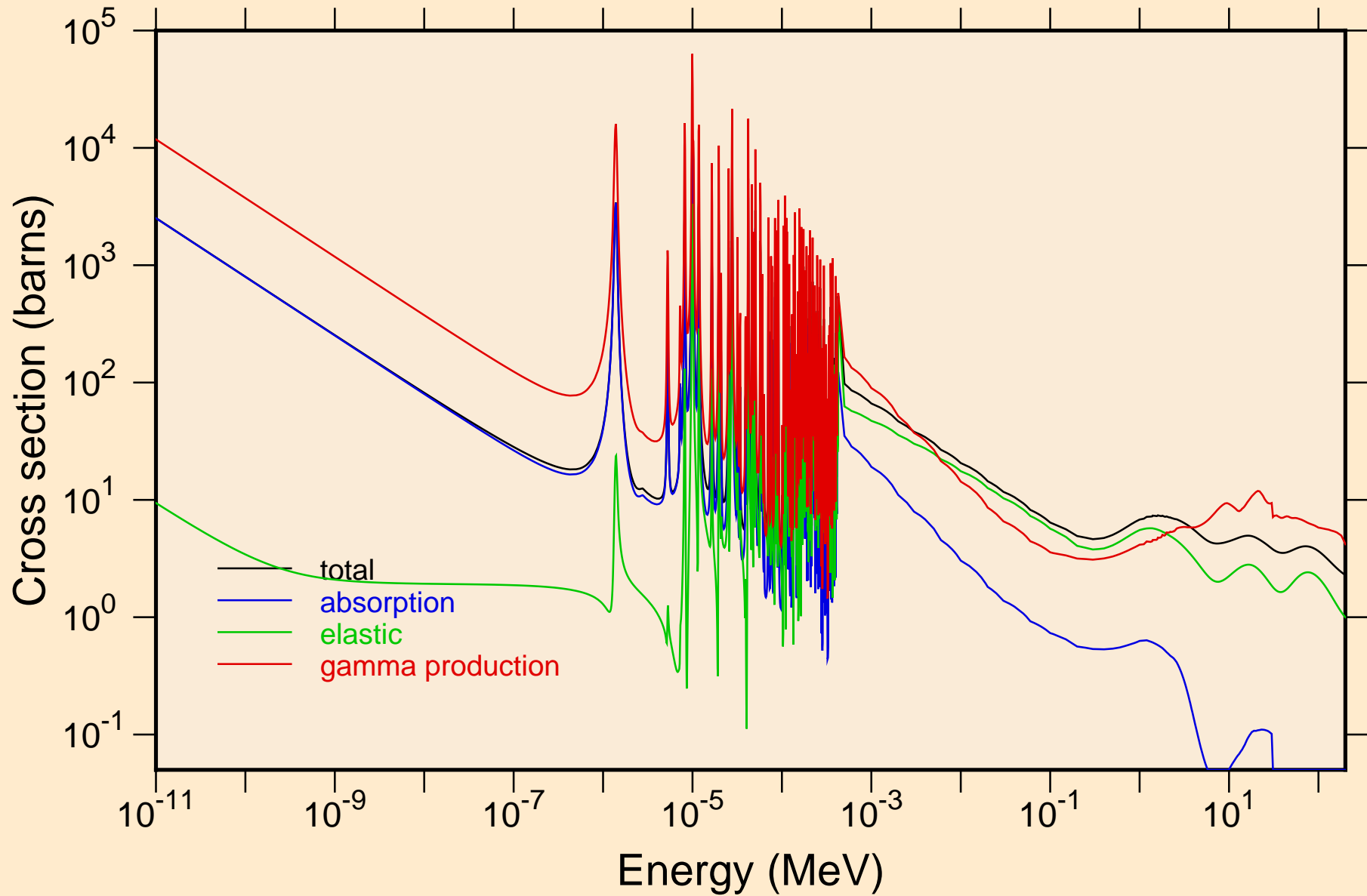
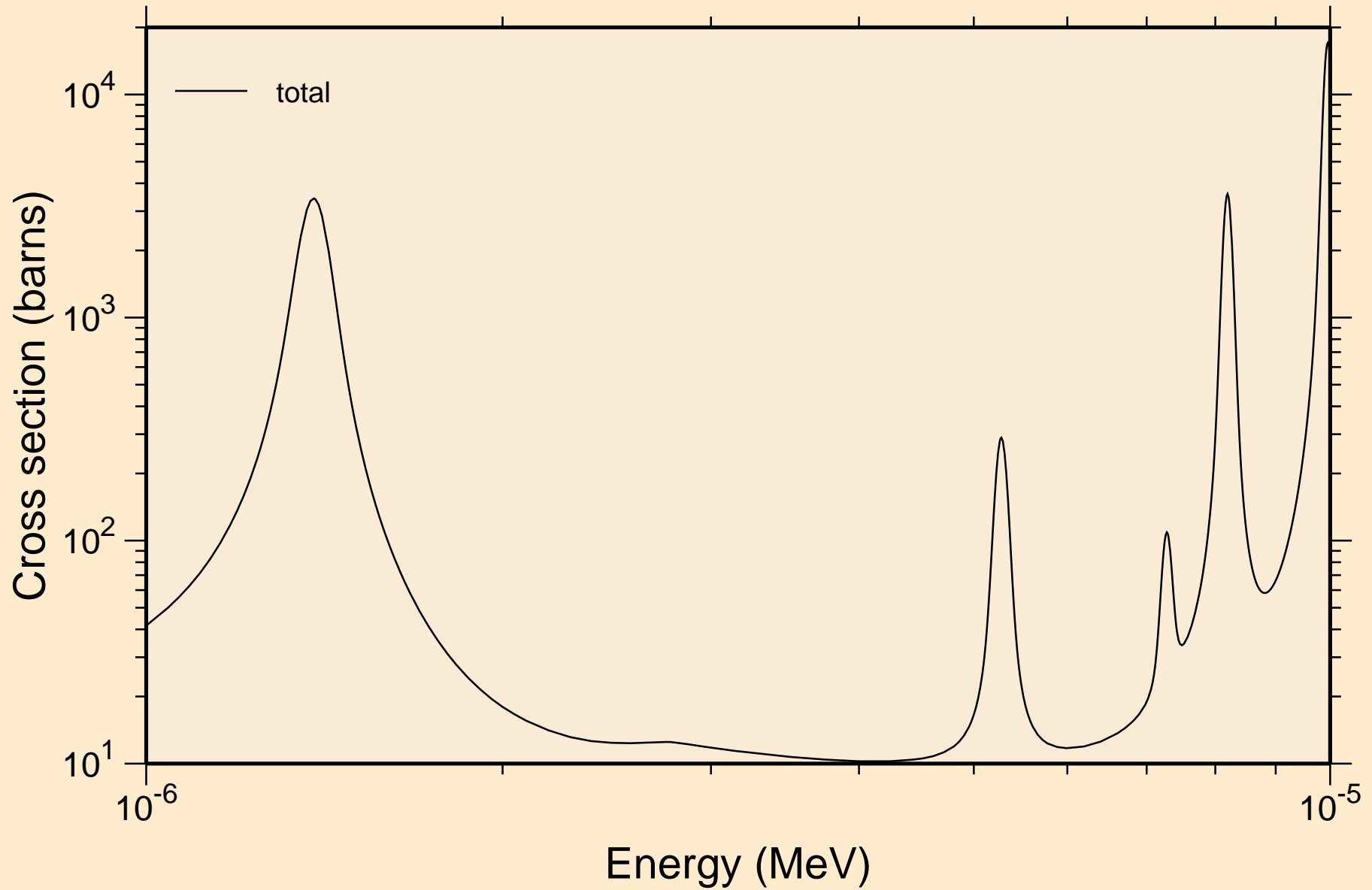


# SM143 NRG TENDL-2015, AKONING

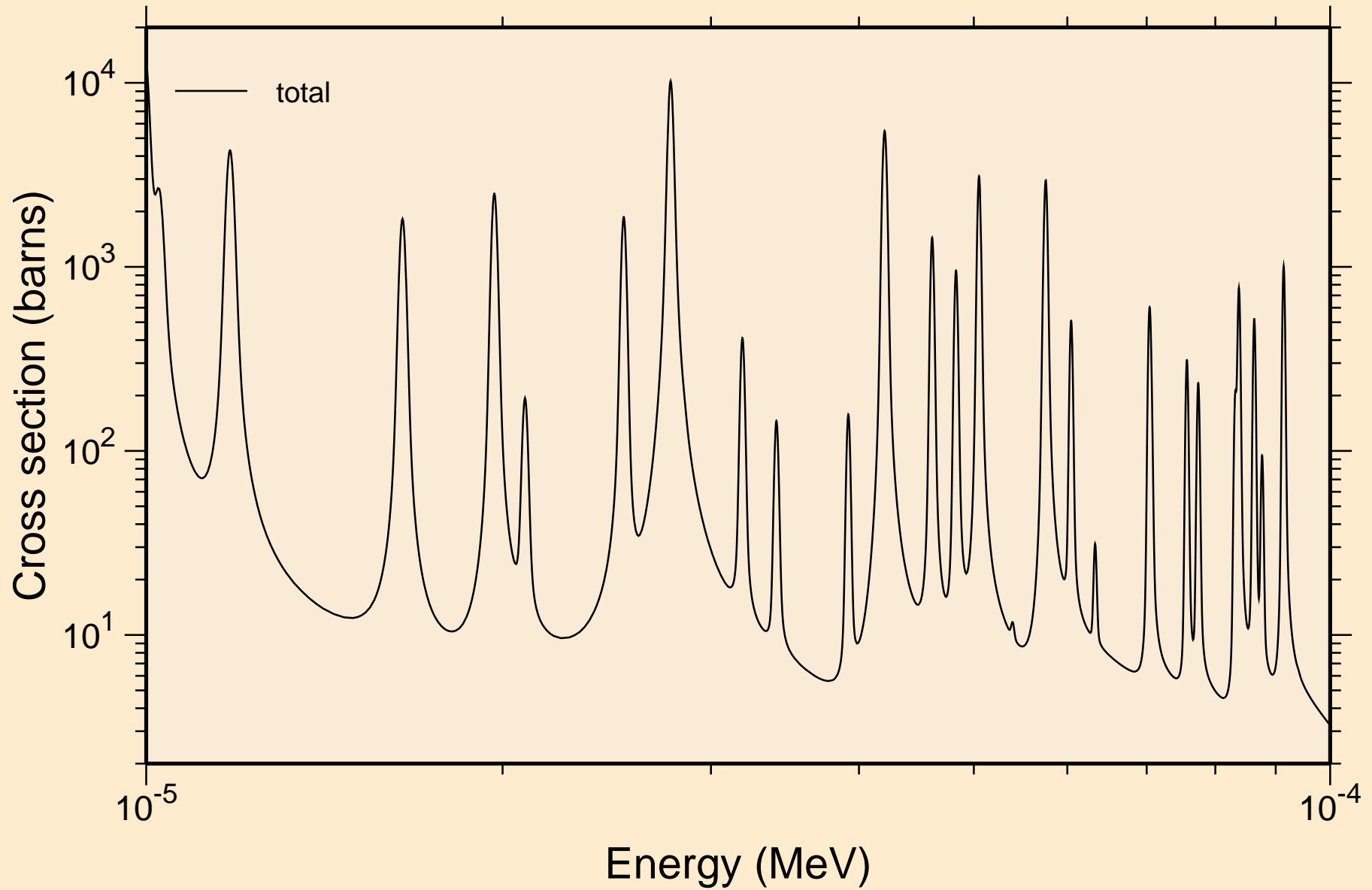
## Principal cross sections



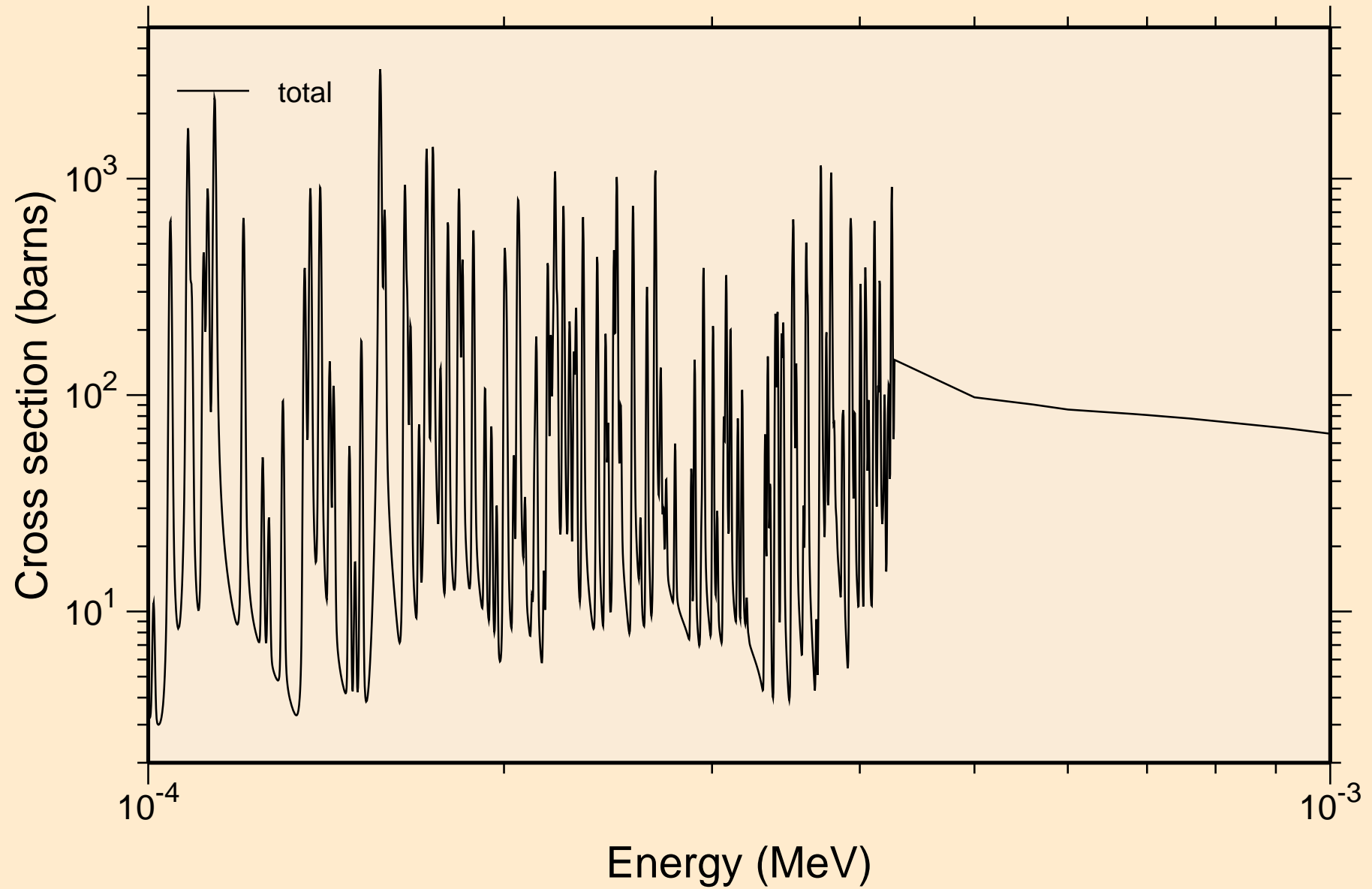
SM143 NRG TENDL-2015, AKONING  
resonance total cross section



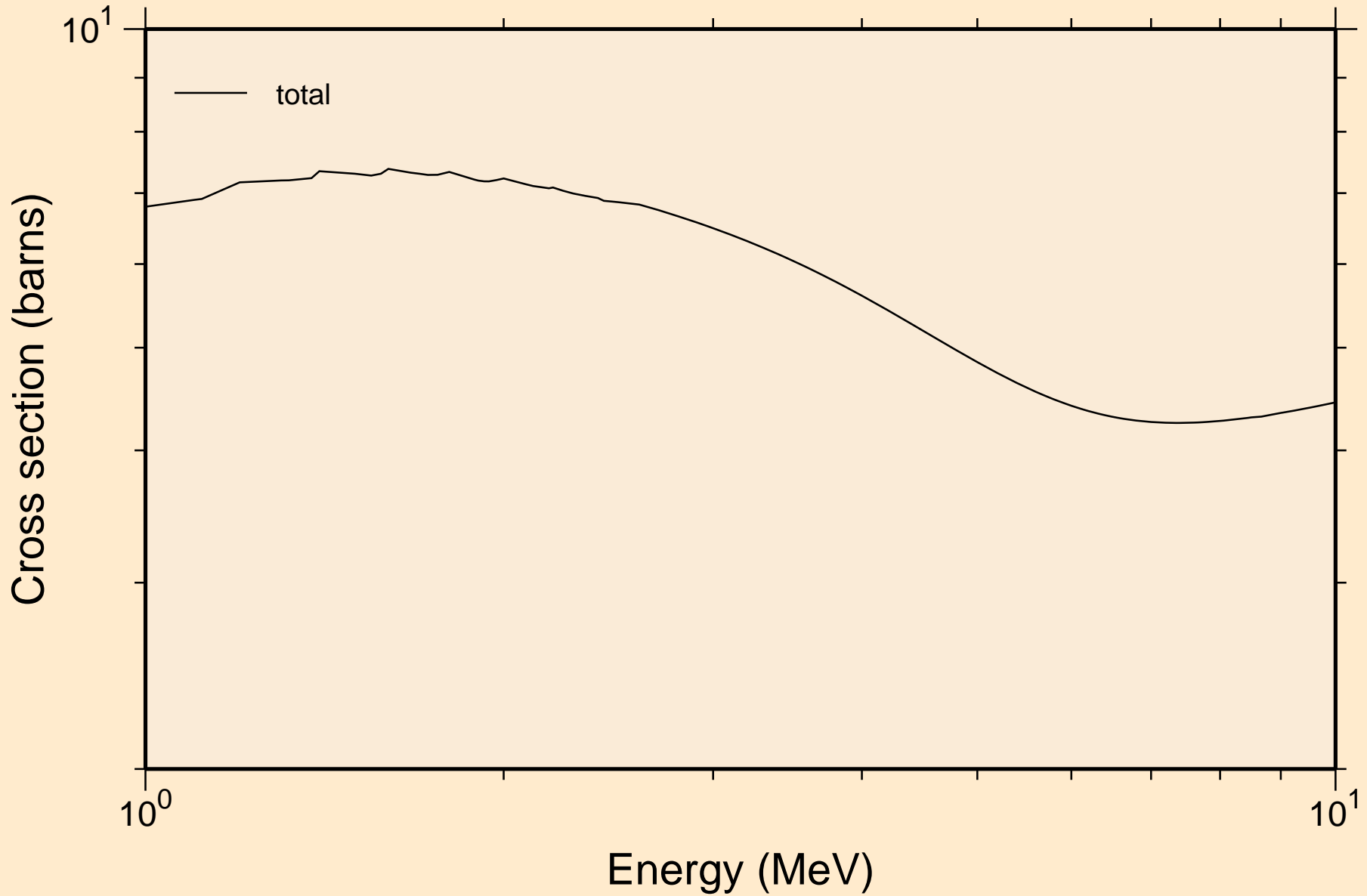
SM143 NRG TENDL-2015, AKONING  
resonance total cross section



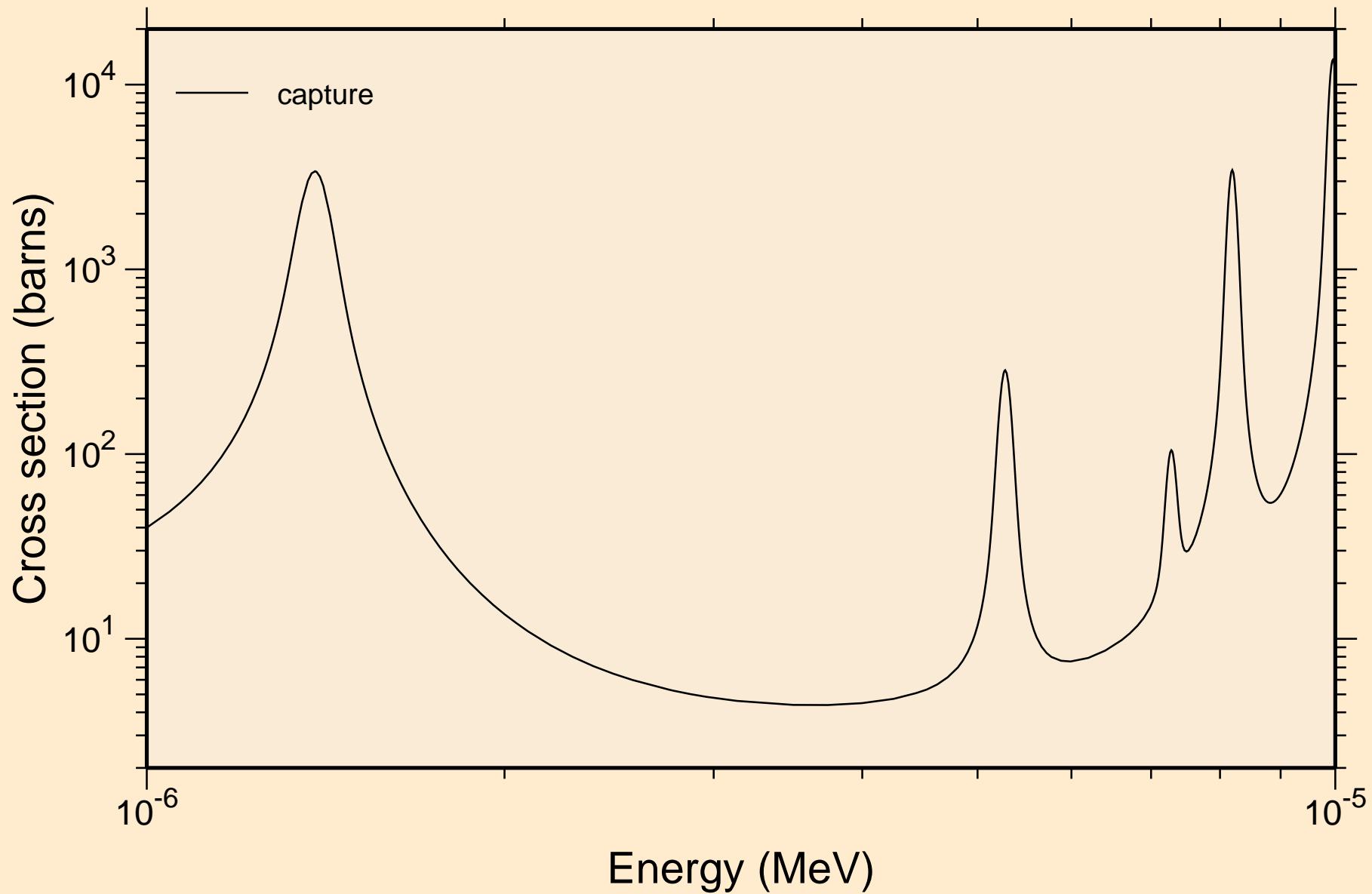
SM143 NRG TENDL-2015, AKONING  
resonance total cross section



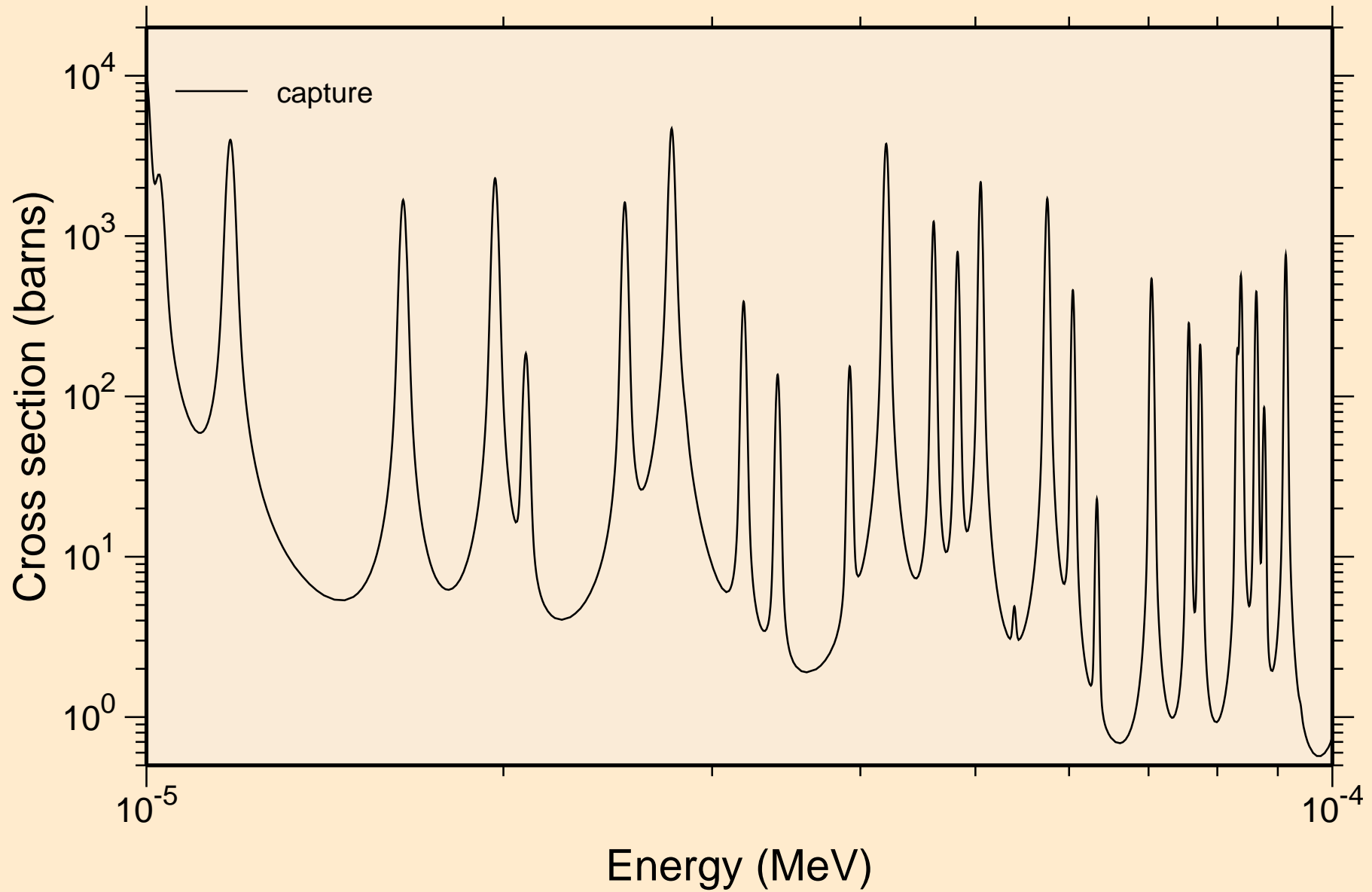
SM143 NRG TENDL-2015, AKONING  
resonance total cross section



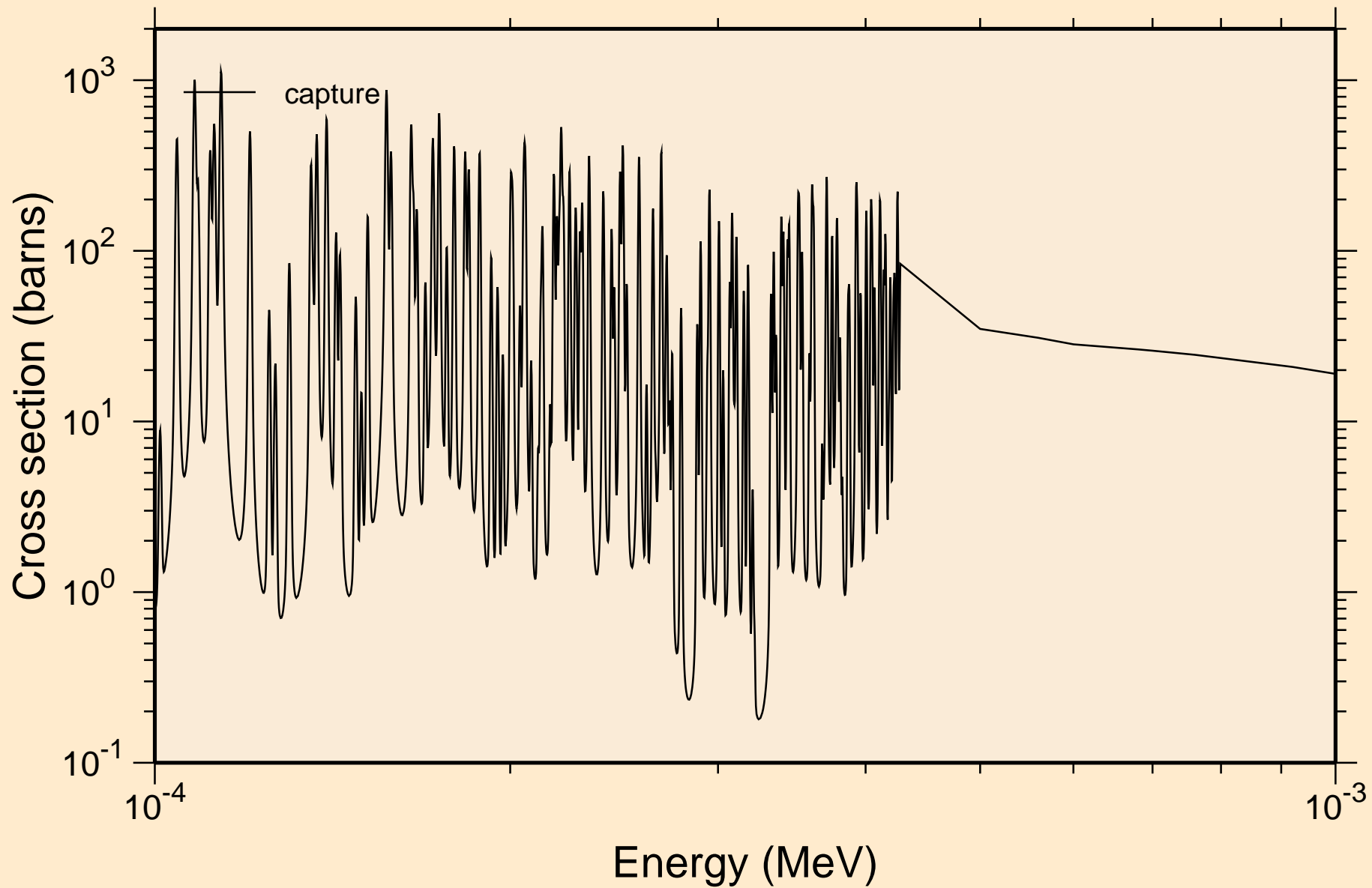
SM143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# SM143 NRG TENDL-2015, AKONING resonance absorption cross sections

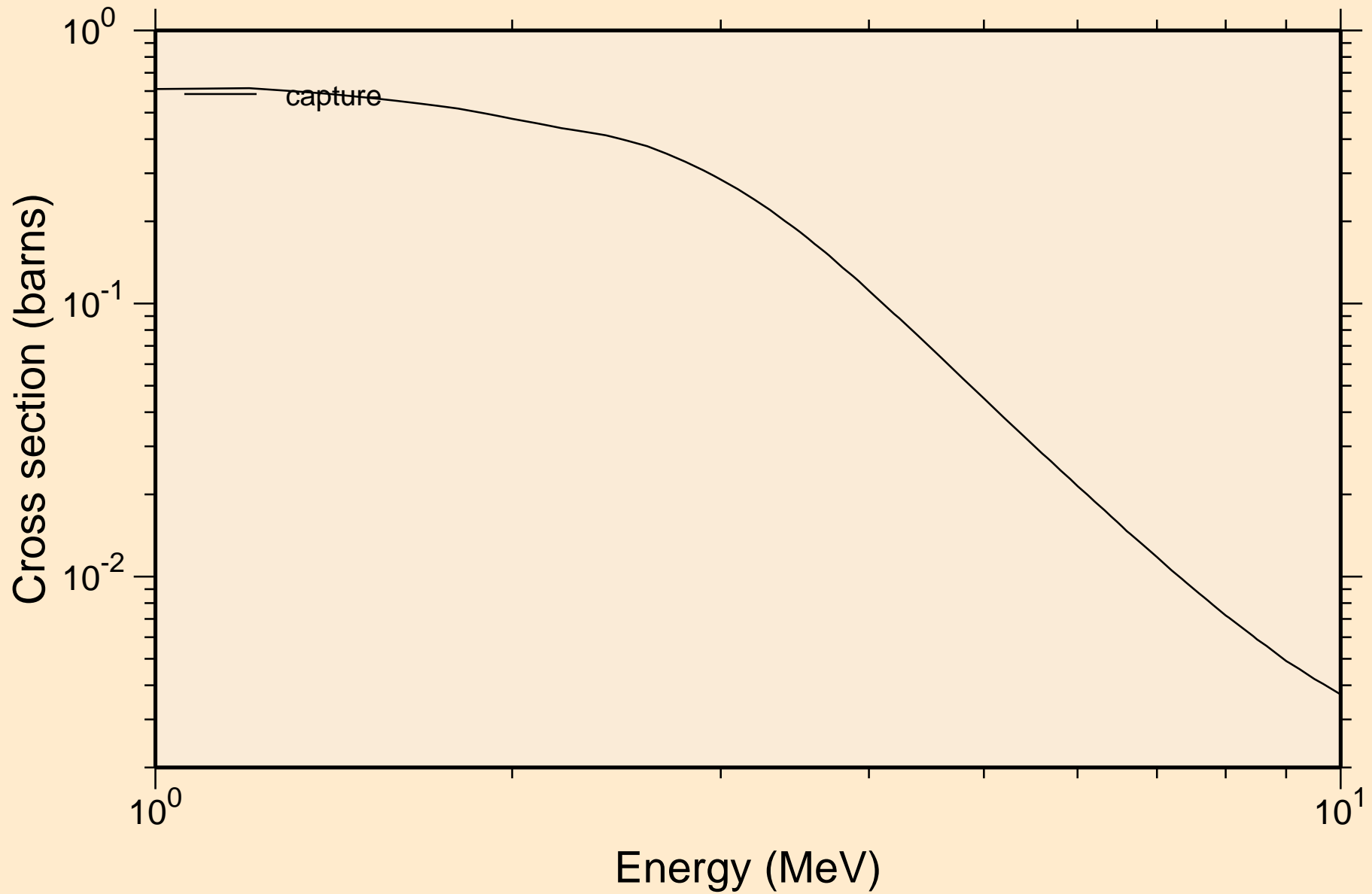


SM143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



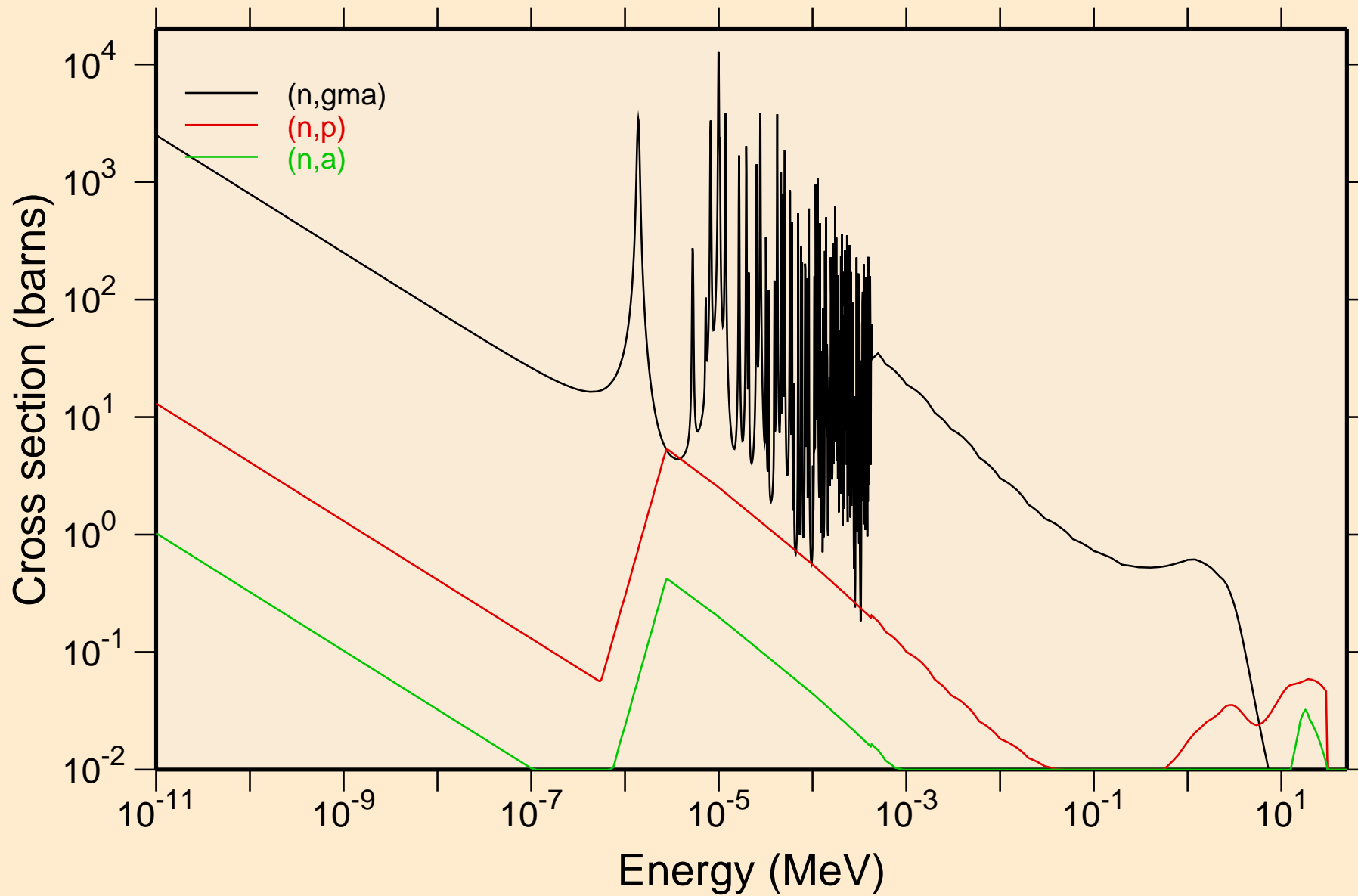


SM143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



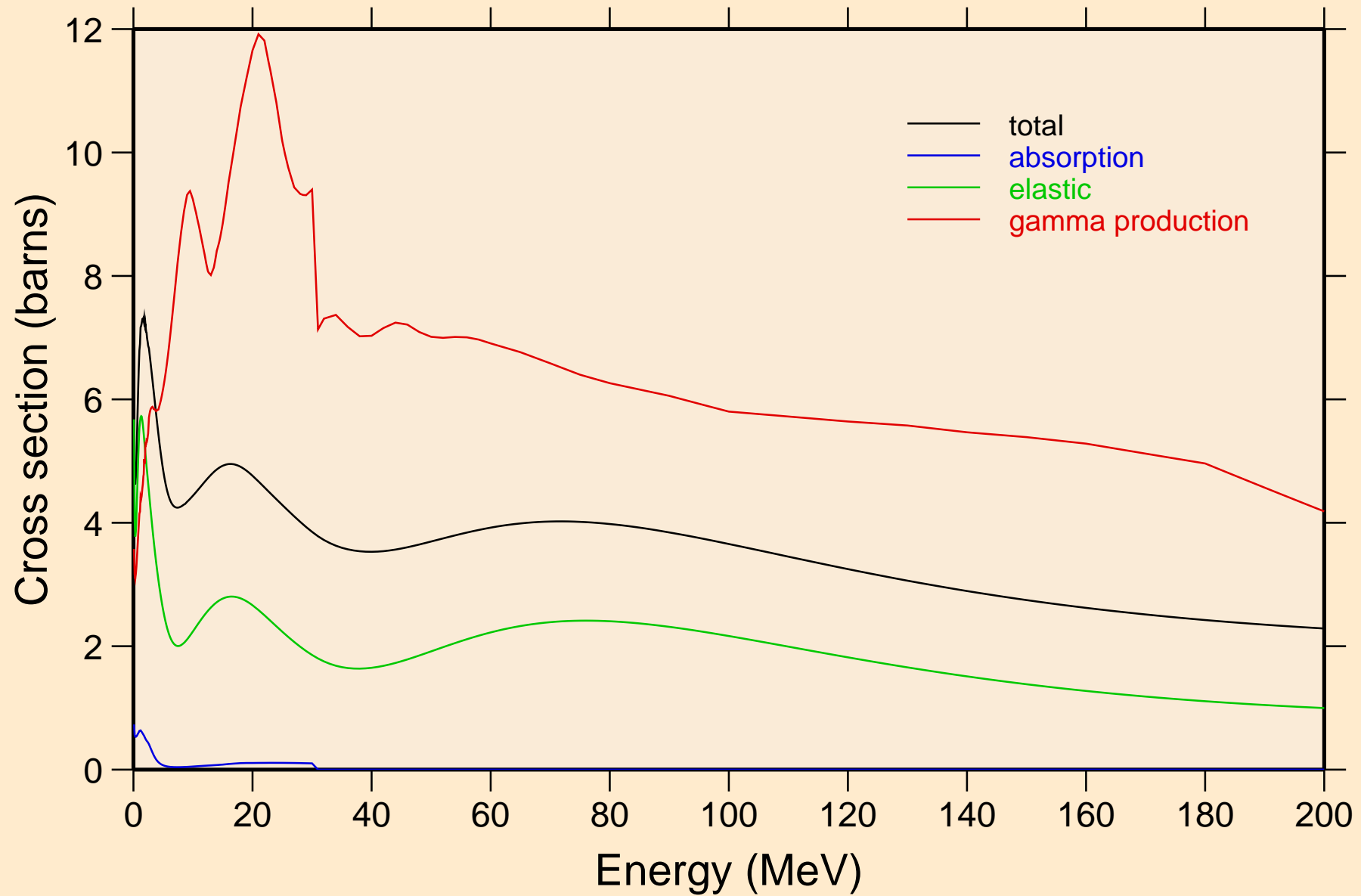
# SM143 NRG TENDL-2015, AKONING

## Non-threshold reactions



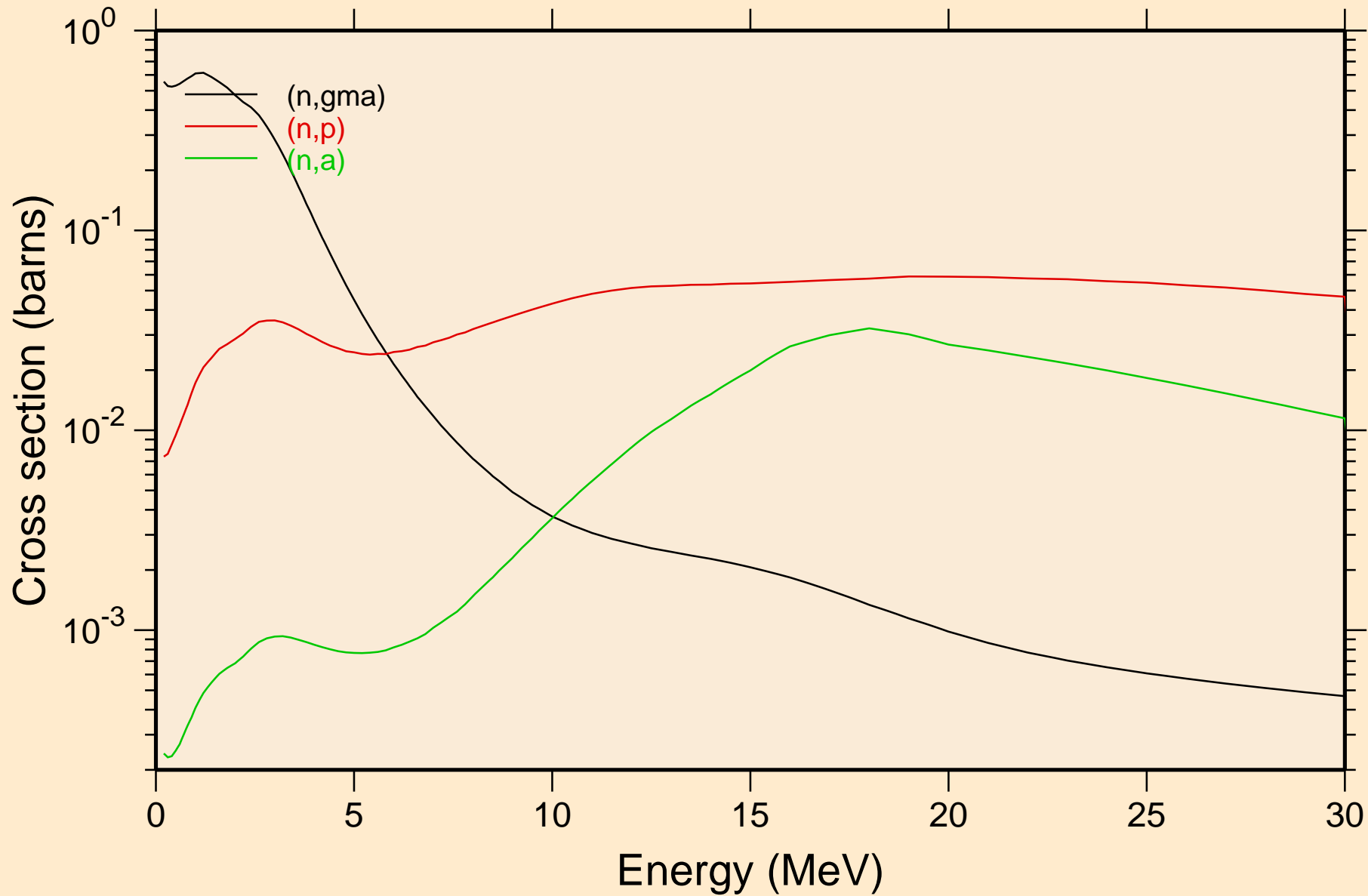
# SM143 NRG TENDL-2015, AKONING

## Principal cross sections



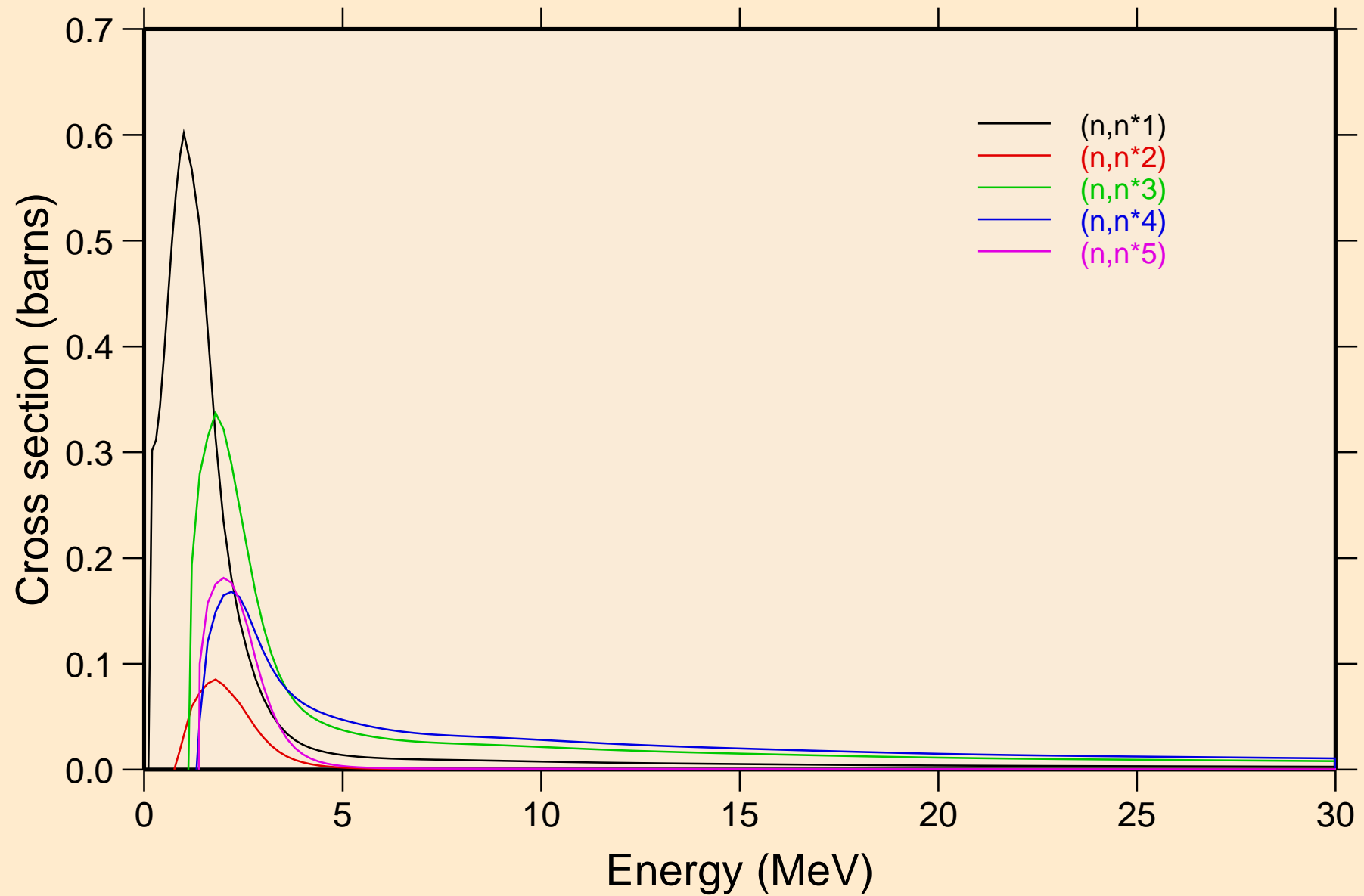
# SM143 NRG TENDL-2015, AKONING

## Non-threshold reactions



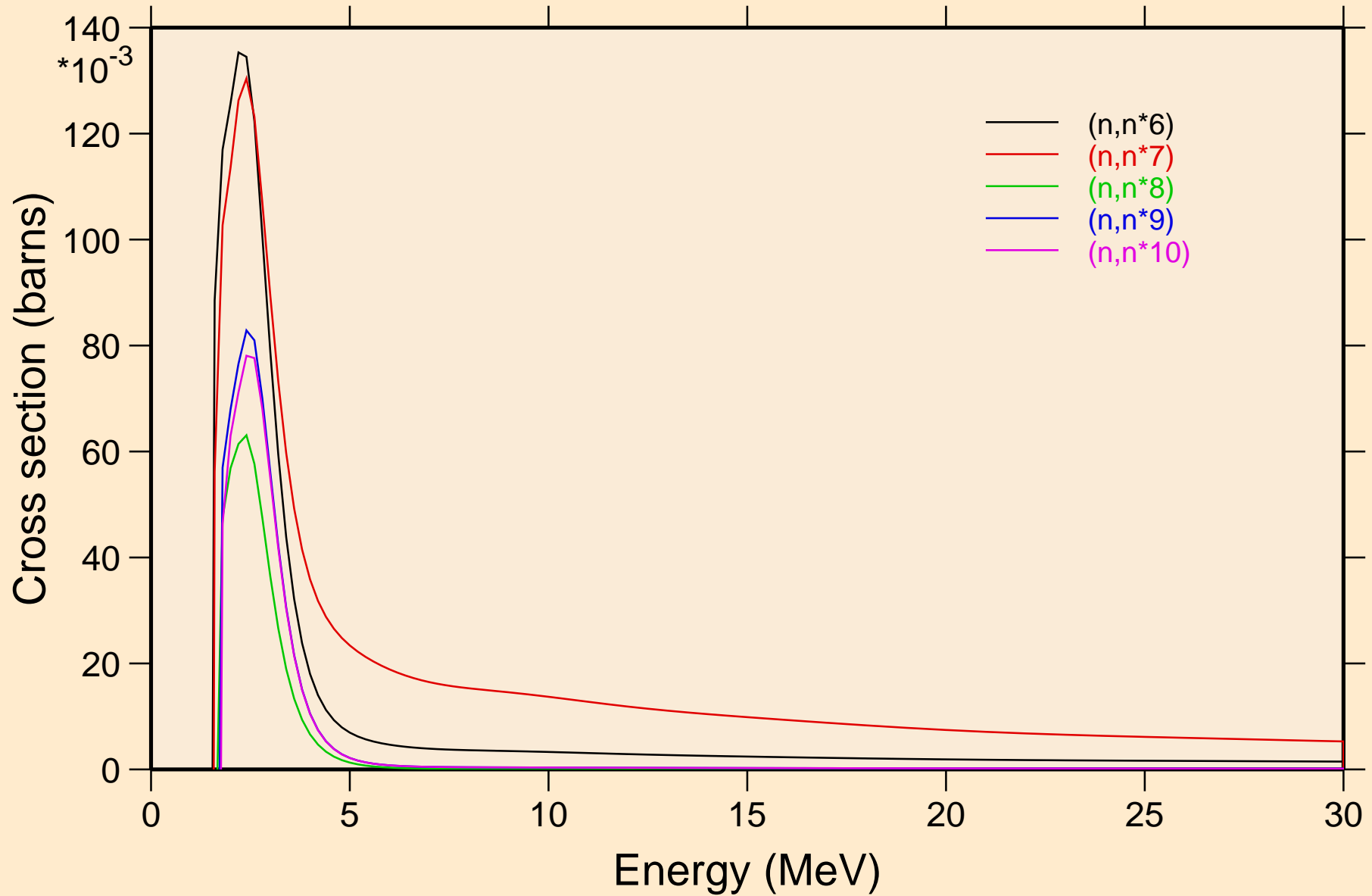
# SM143 NRG TENDL-2015, AKONING

## Inelastic levels



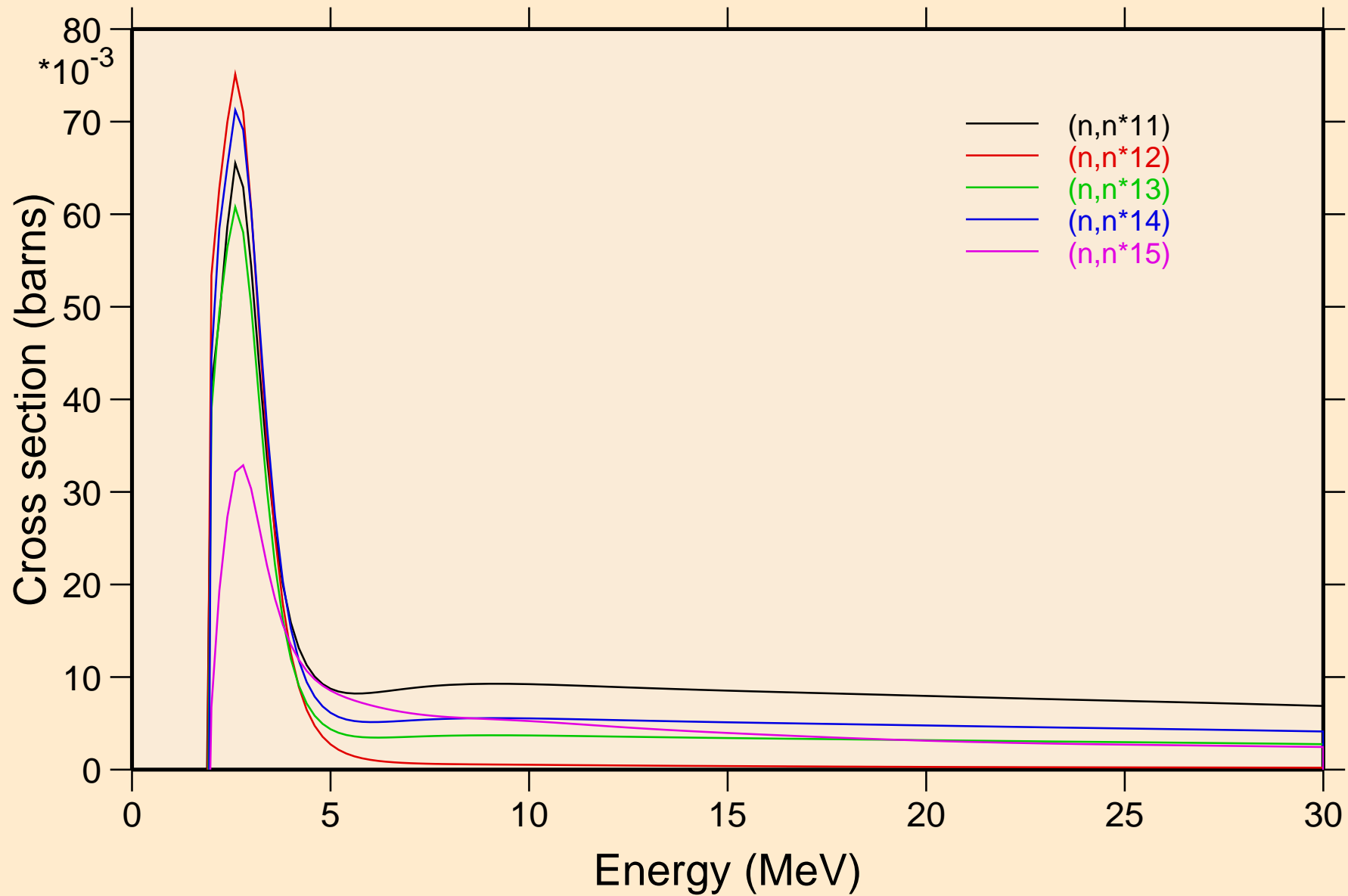
# SM143 NRG TENDL-2015, AKONING

## Inelastic levels



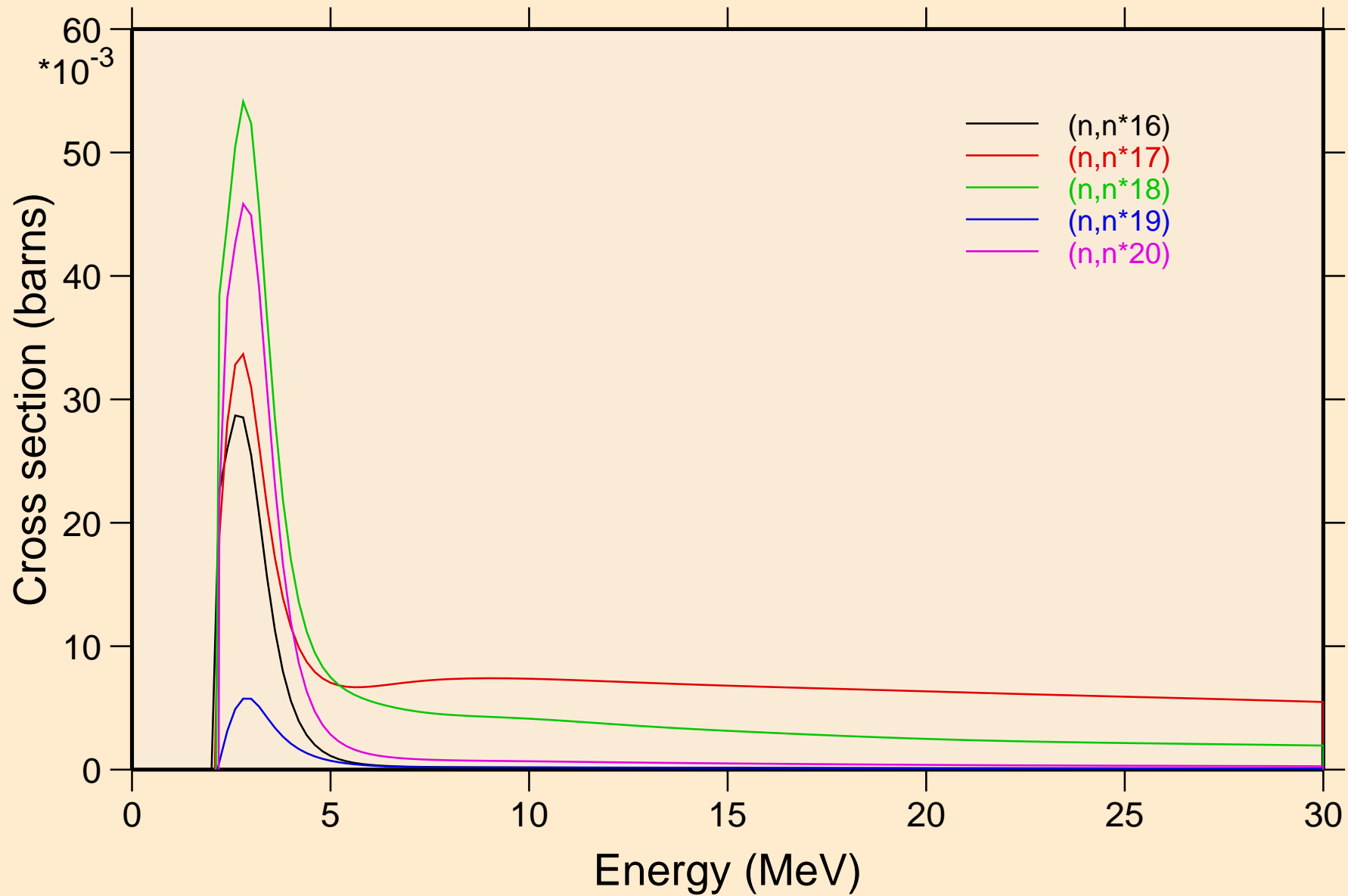
# SM143 NRG TENDL-2015, AKONING

## Inelastic levels



# SM143 NRG TENDL-2015, AKONING

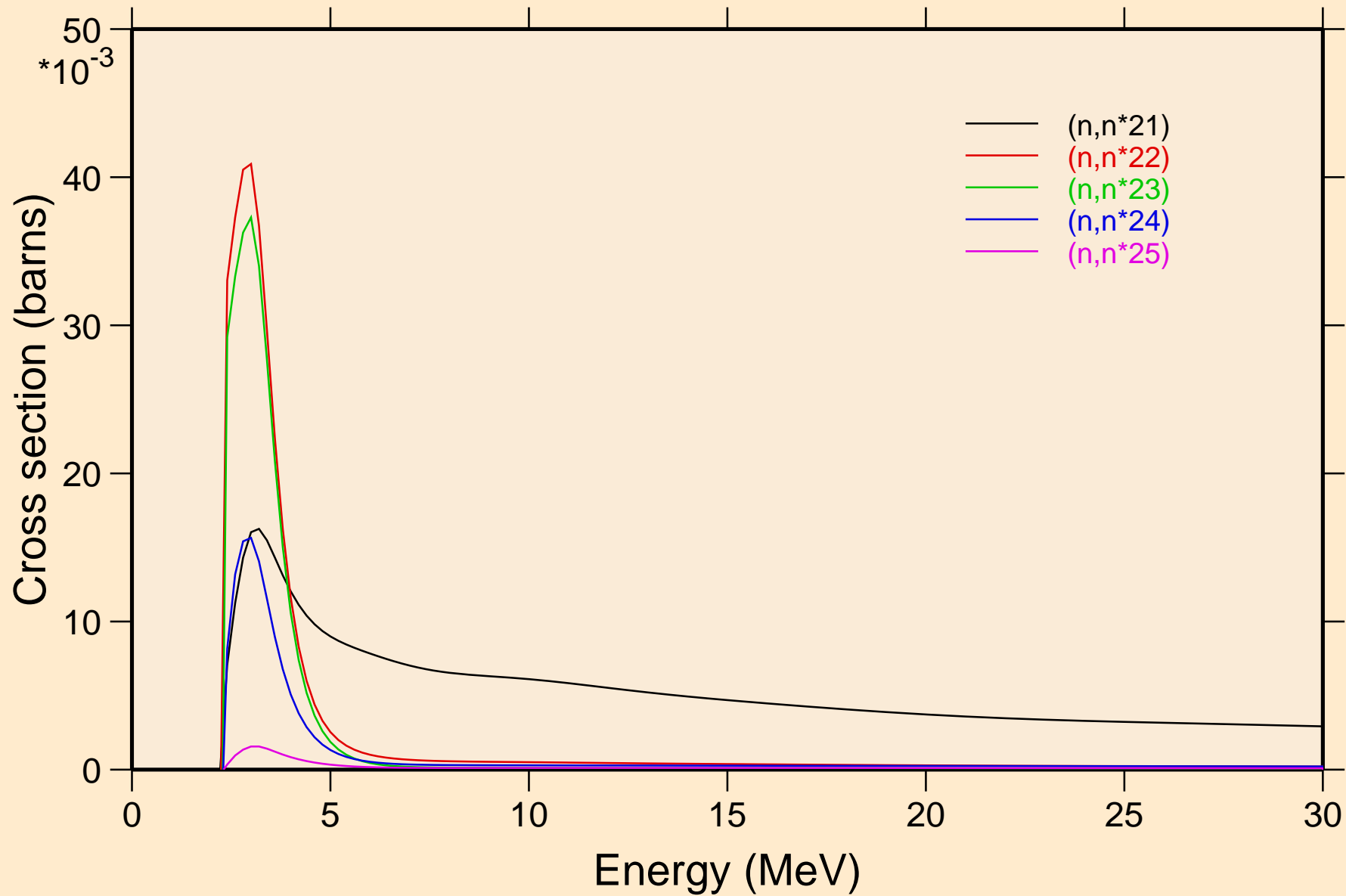
## Inelastic levels





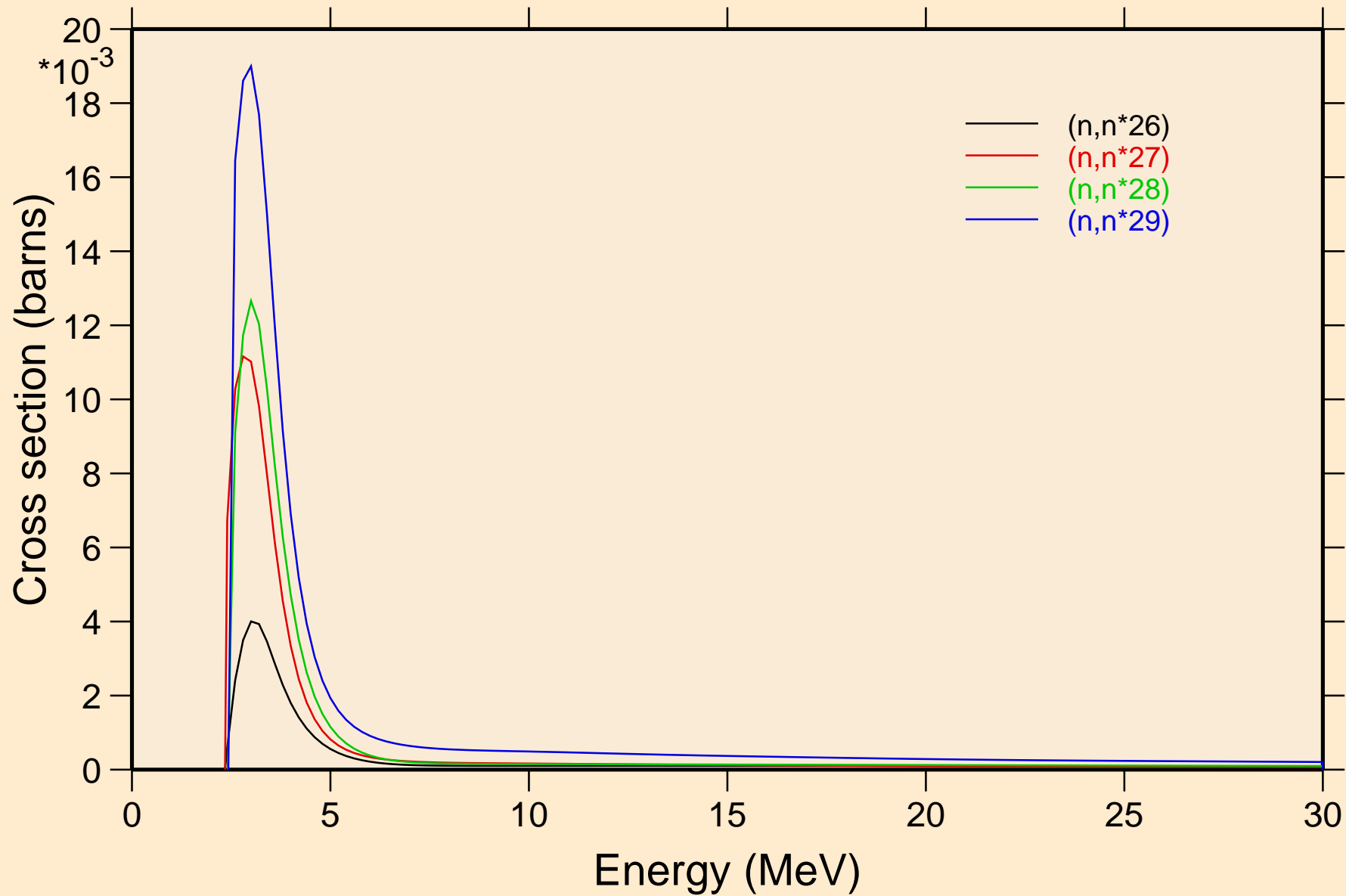
# SM143 NRG TENDL-2015, AKONING

## Inelastic levels



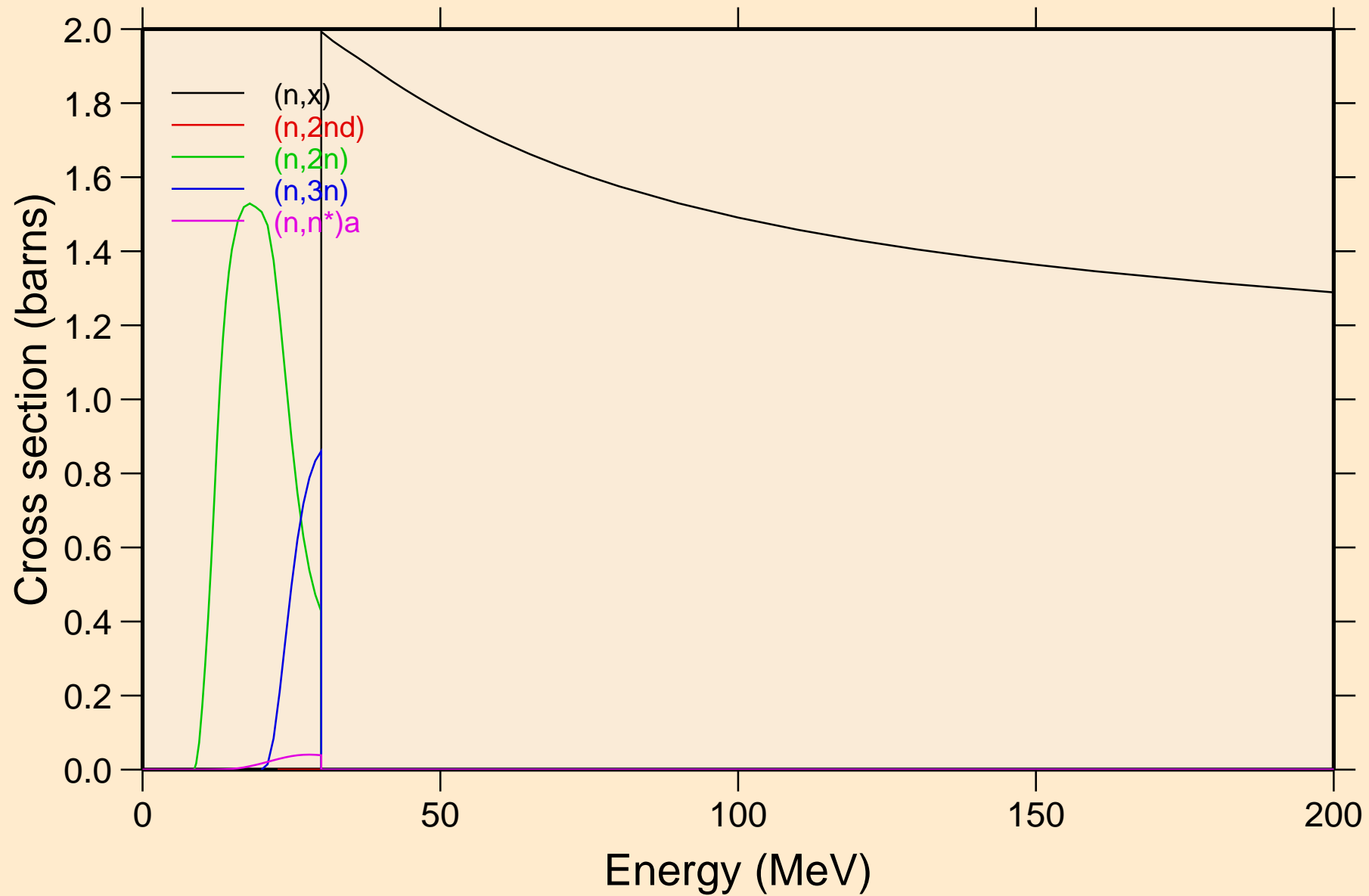
# SM143 NRG TENDL-2015, AKONING

## Inelastic levels



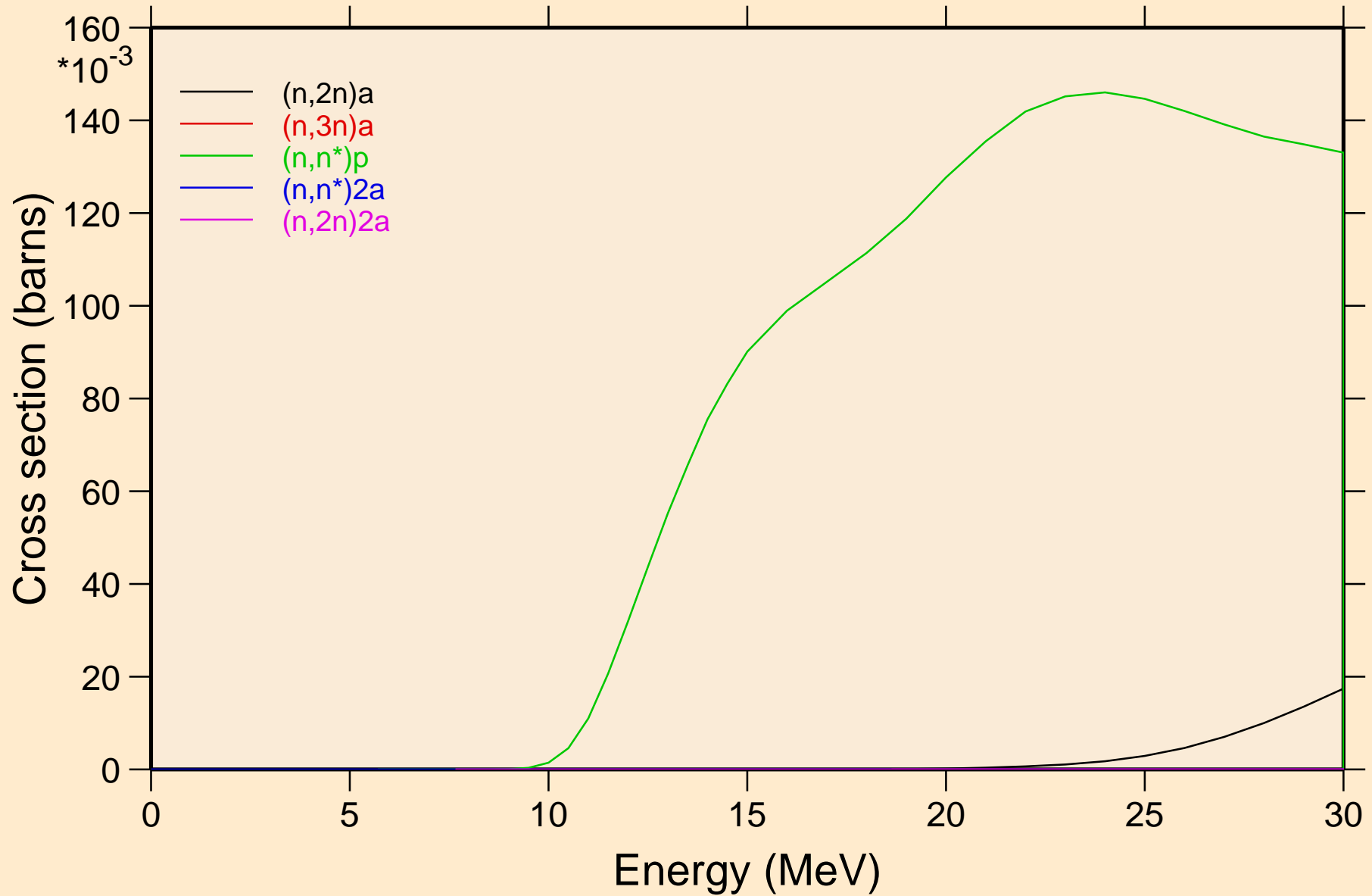
# SM143 NRG TENDL-2015, AKONING

## Threshold reactions



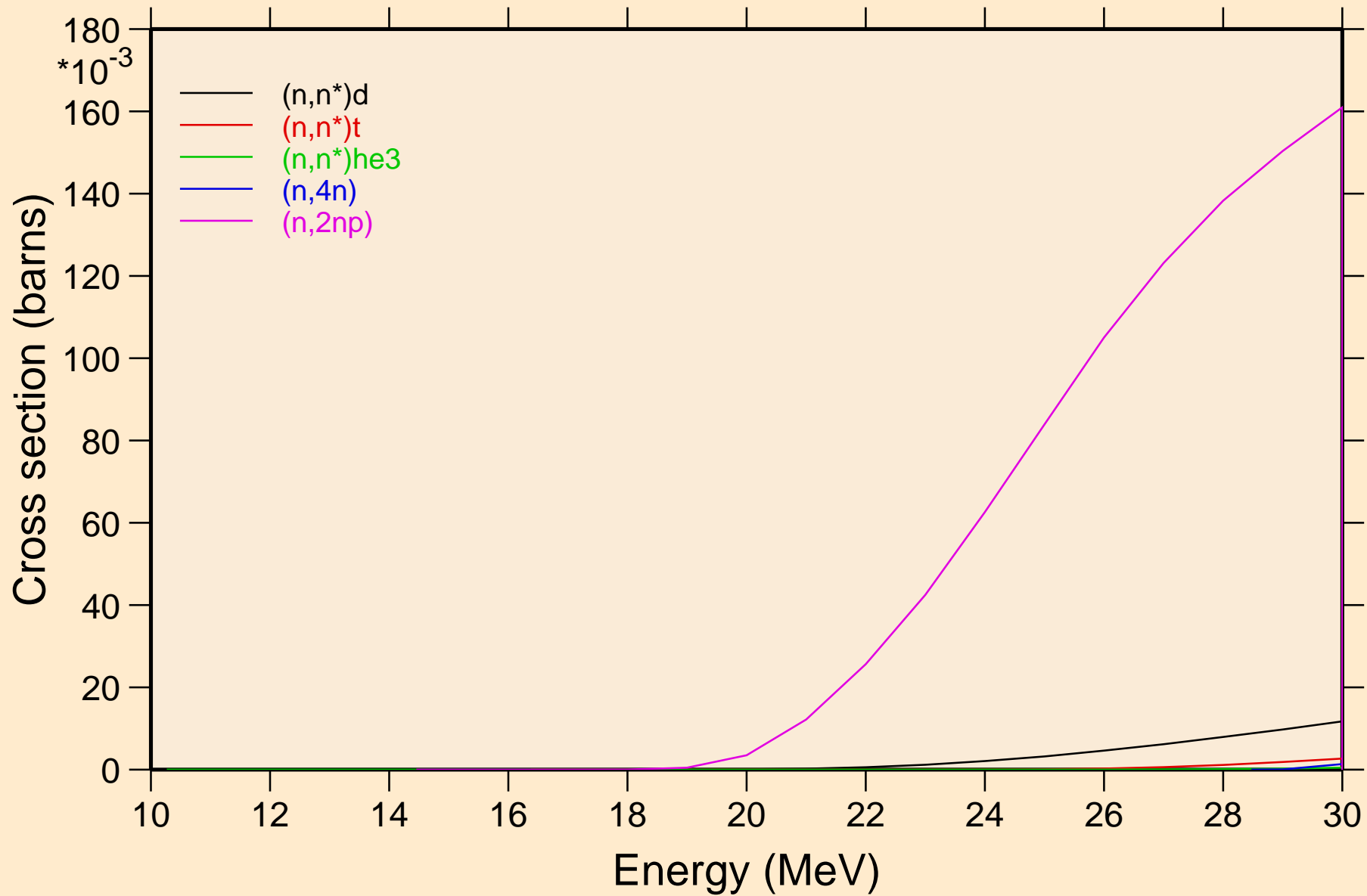
# SM143 NRG TENDL-2015, AKONING

## Threshold reactions



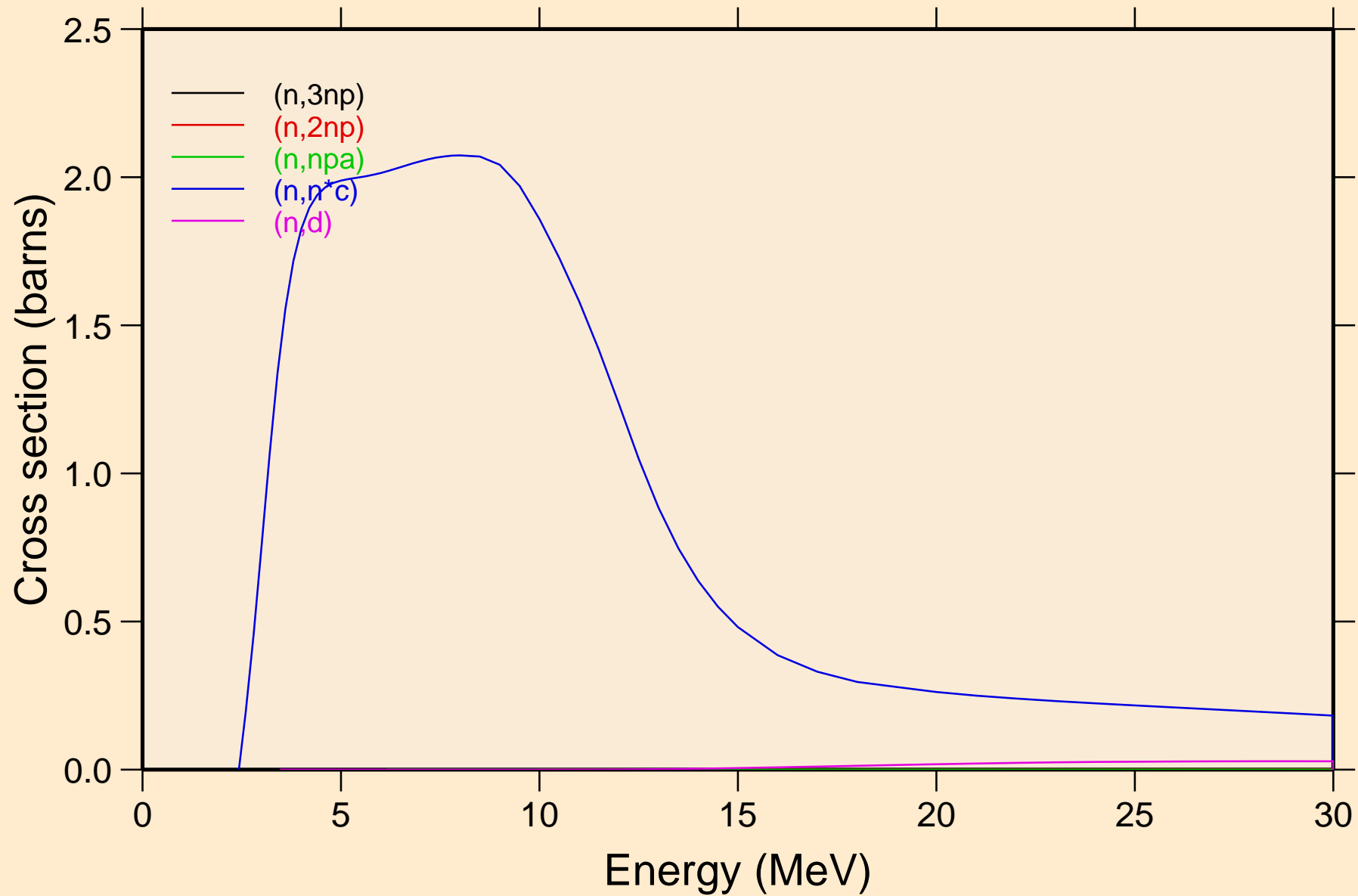
# SM143 NRG TENDL-2015, AKONING

## Threshold reactions



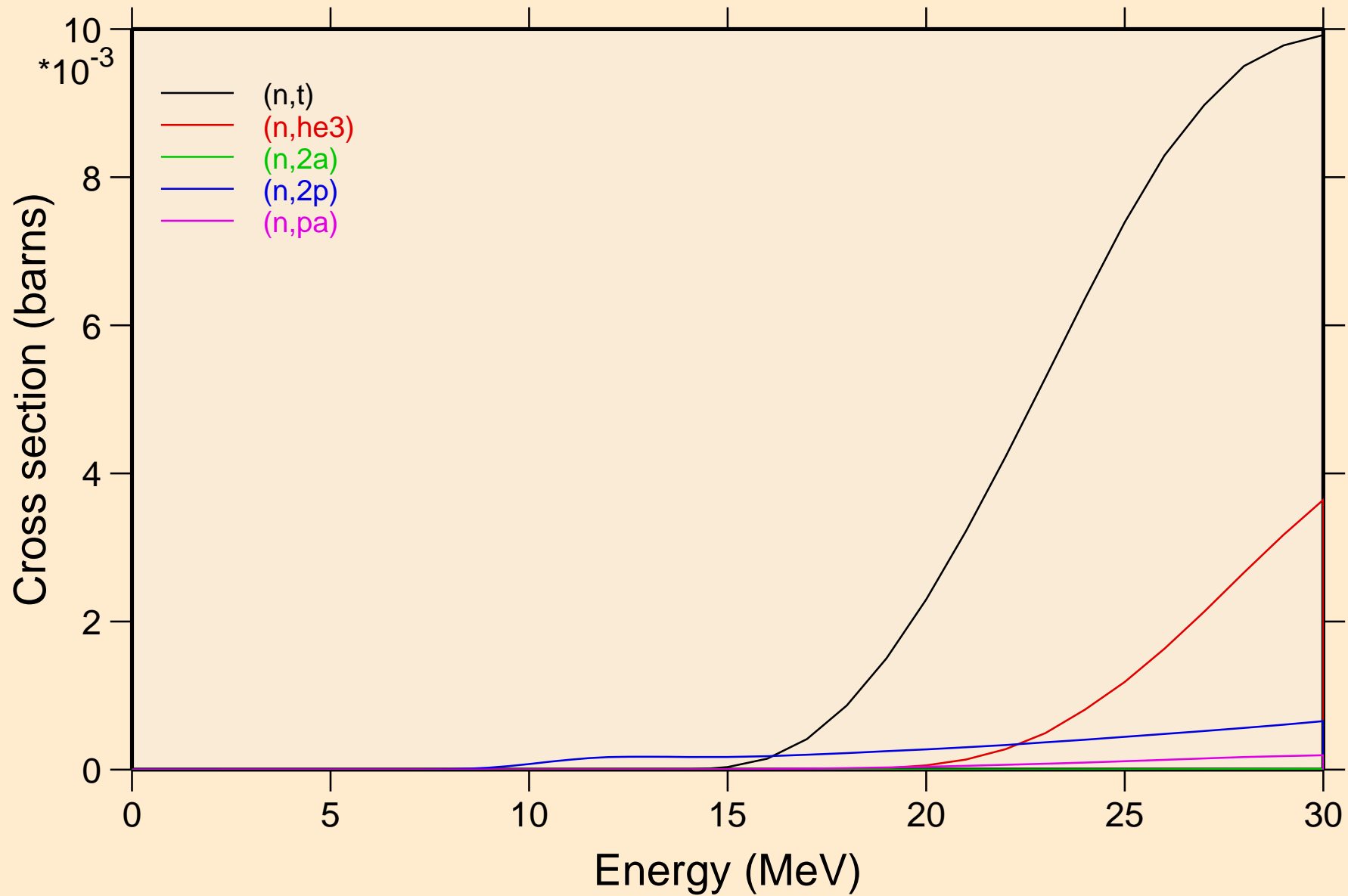
# SM143 NRG TENDL-2015, AKONING

## Threshold reactions



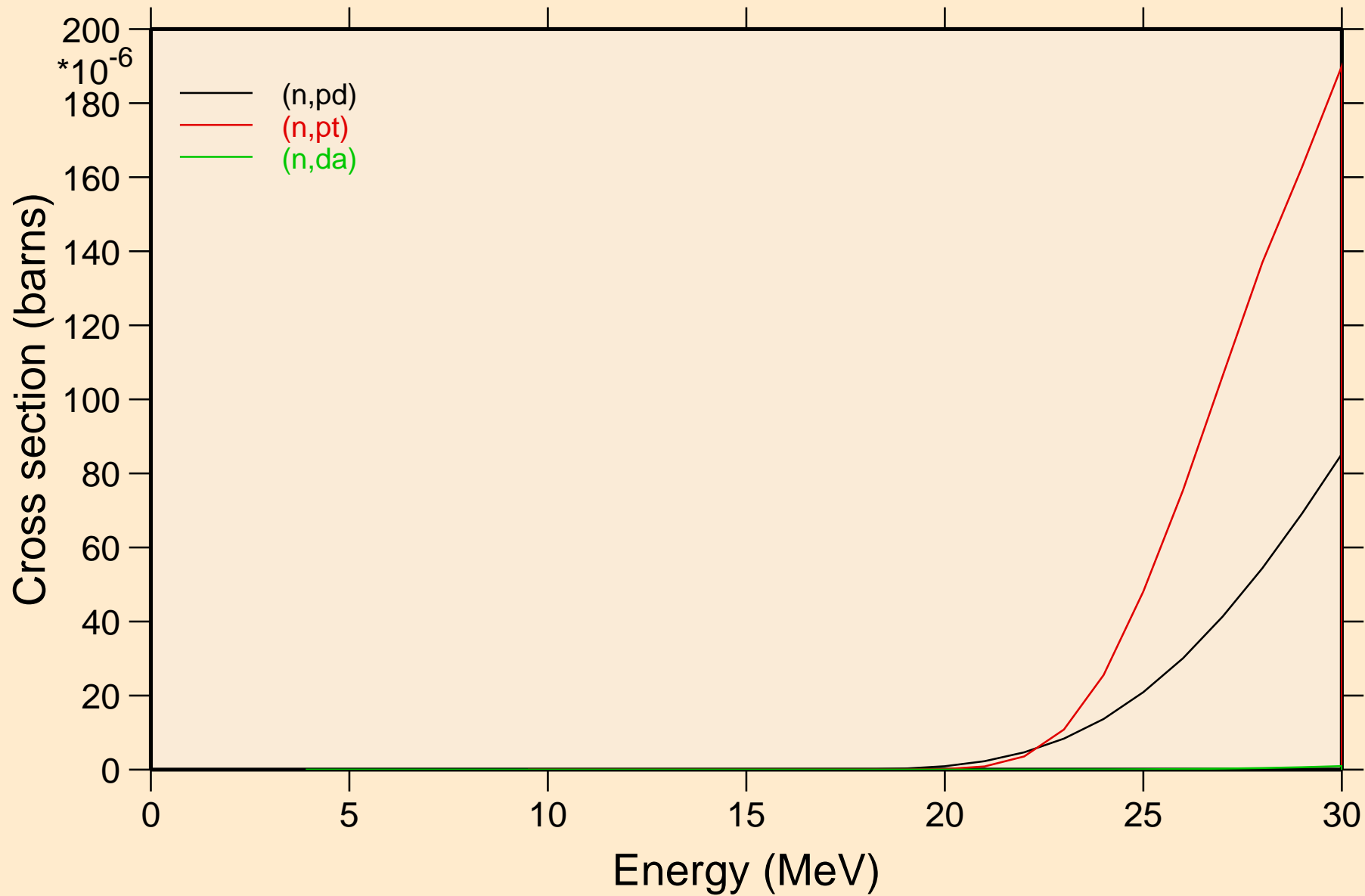
# SM143 NRG TENDL-2015, AKONING

## Threshold reactions



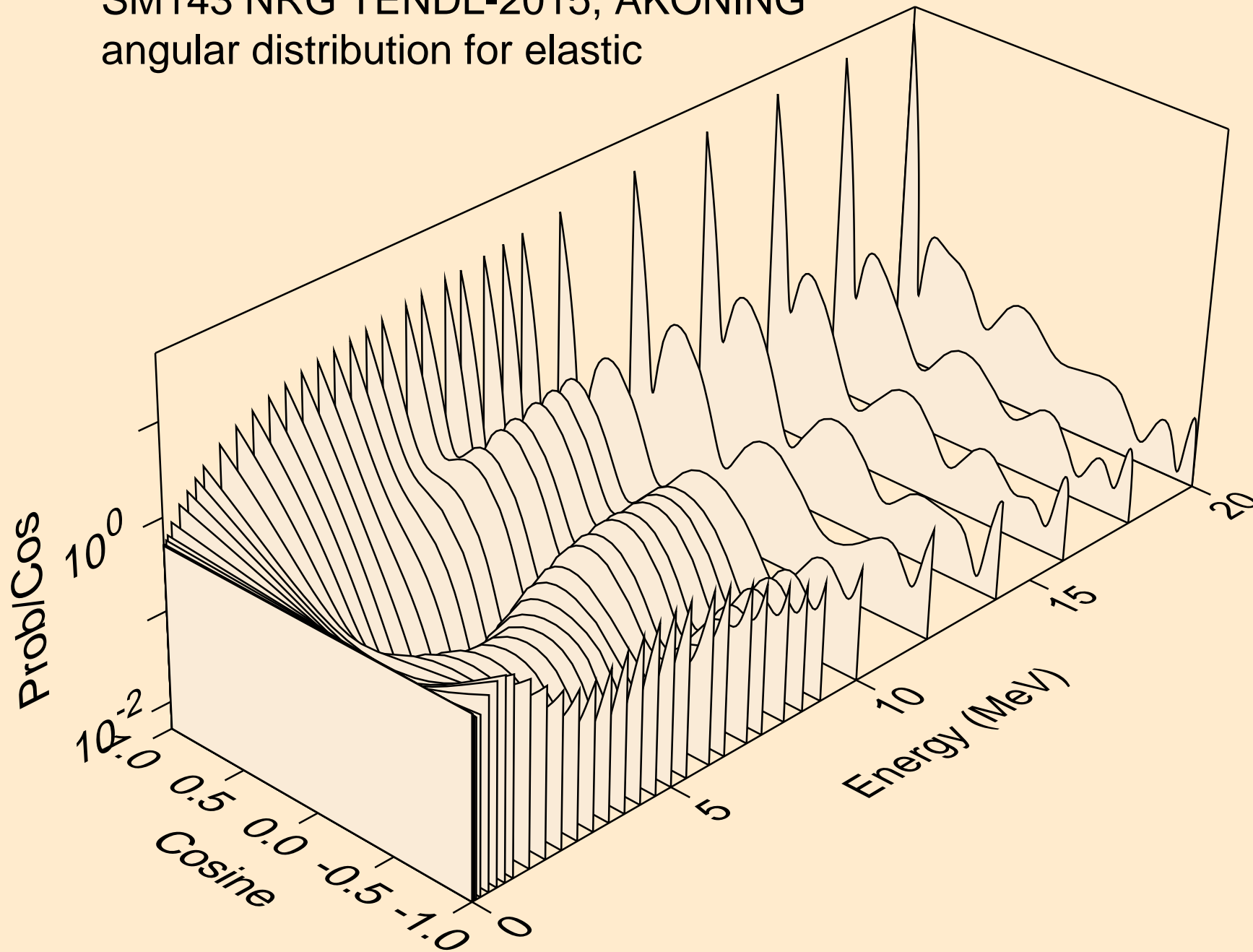
# SM143 NRG TENDL-2015, AKONING

## Threshold reactions

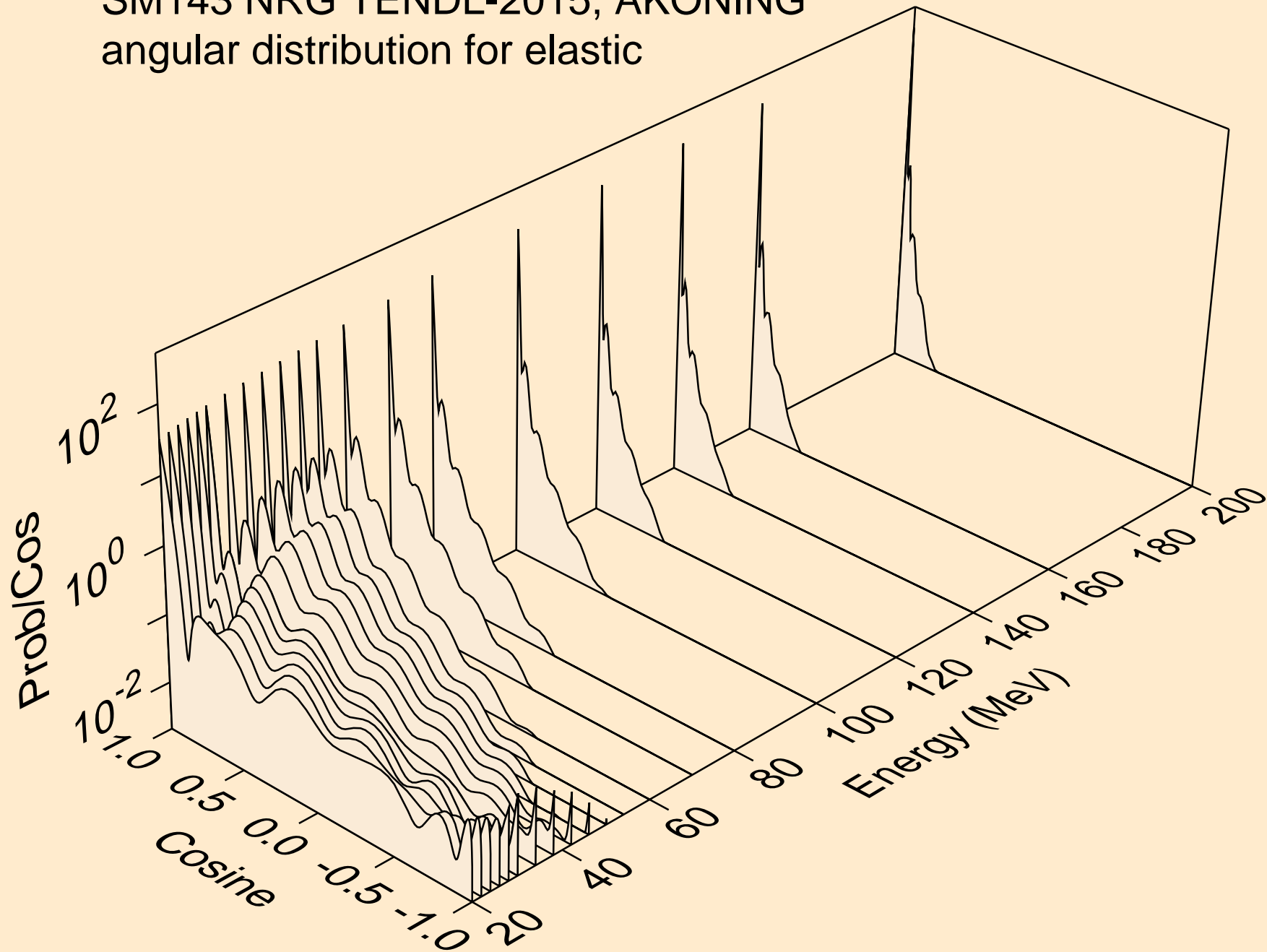




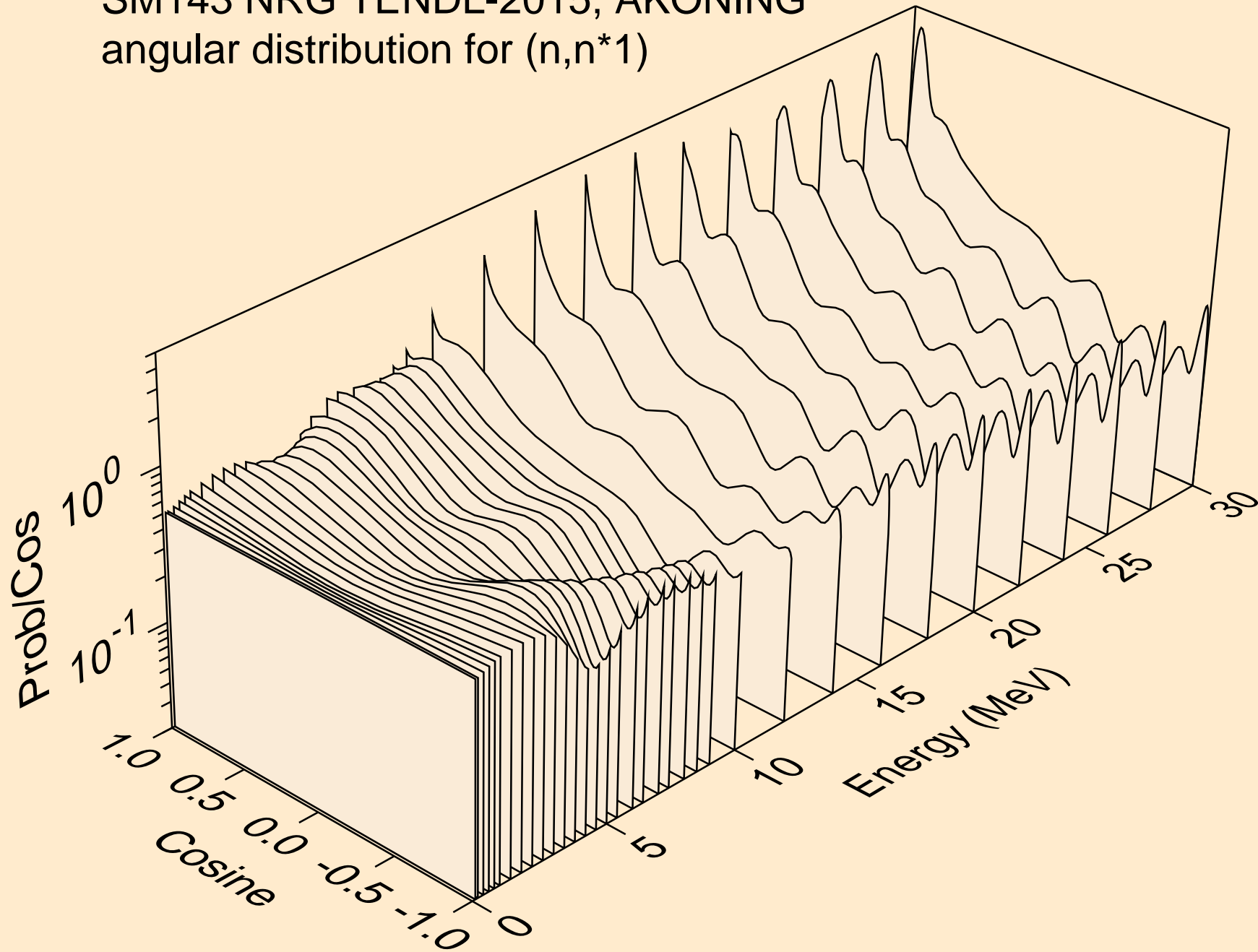
SM143 NRG TENDL-2015, AKONING  
angular distribution for elastic



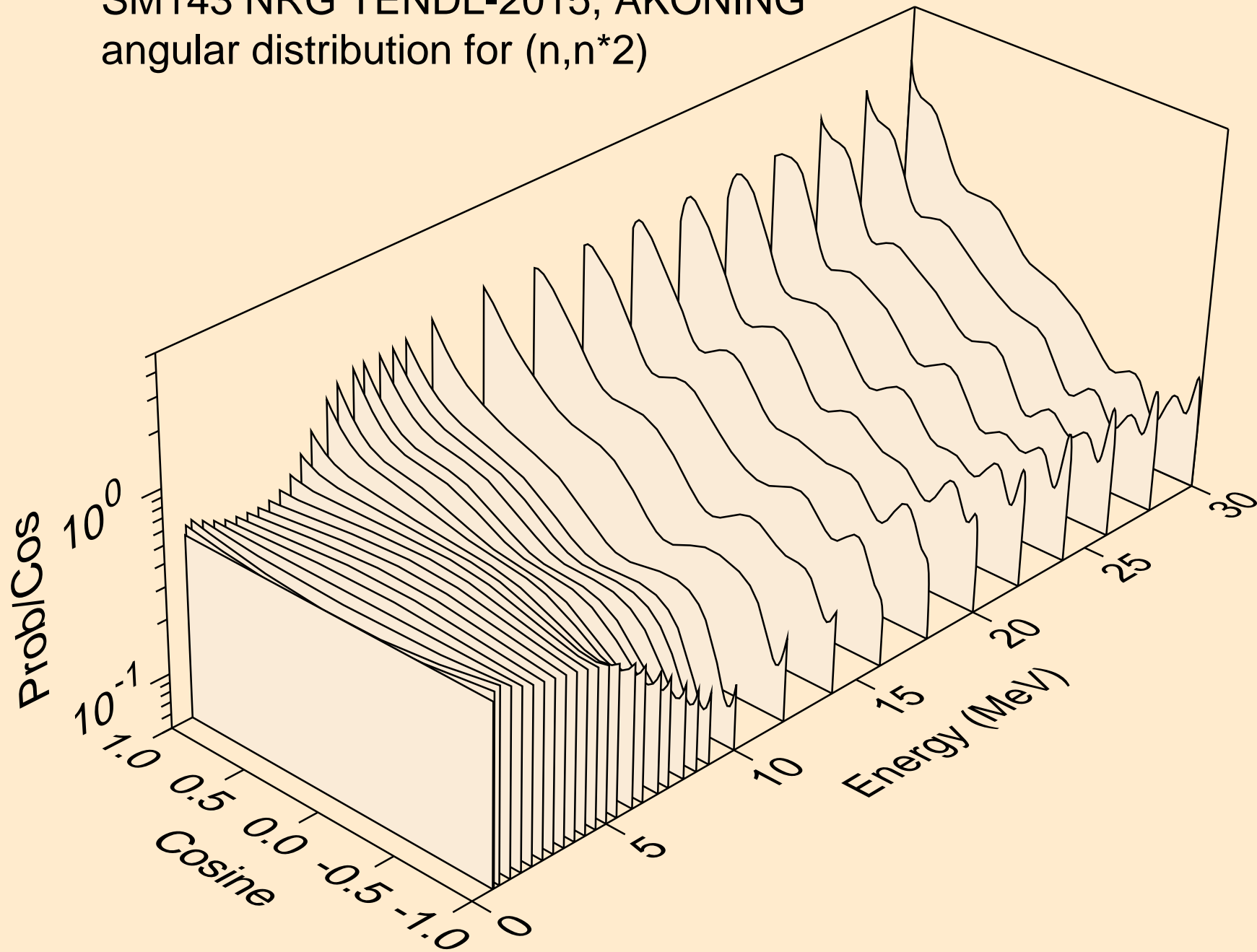
SM143 NRG TENDL-2015, AKONING  
angular distribution for elastic



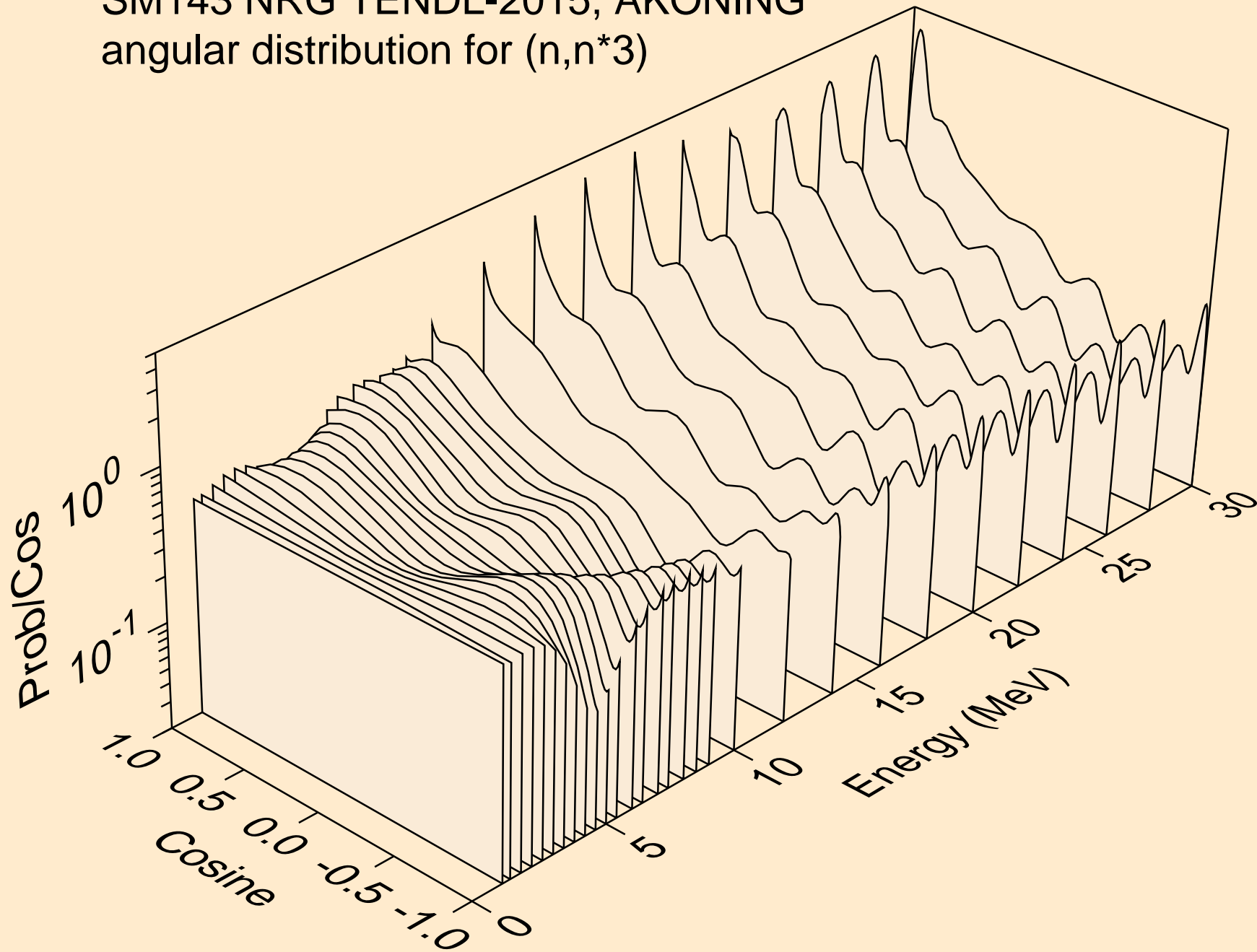
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



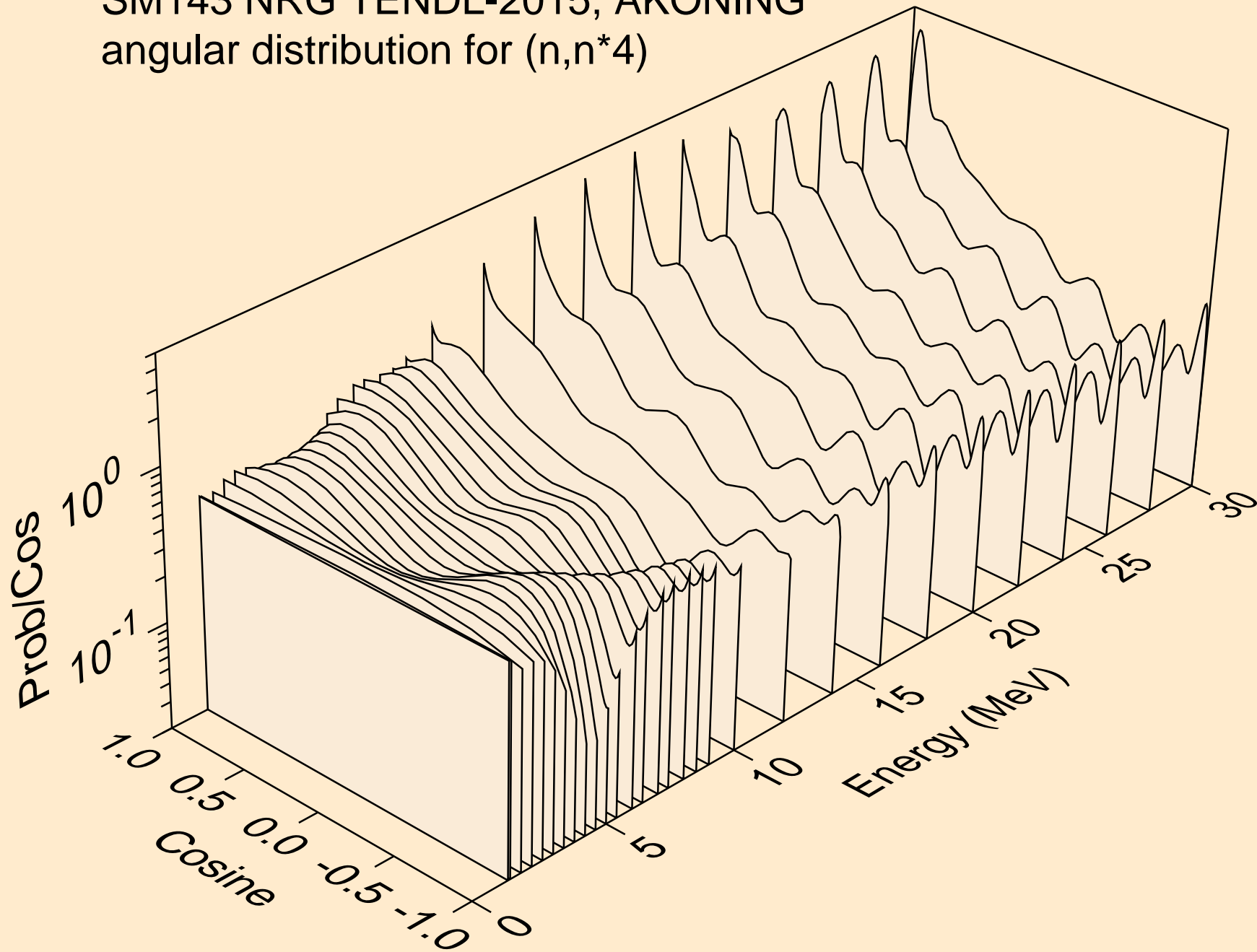
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



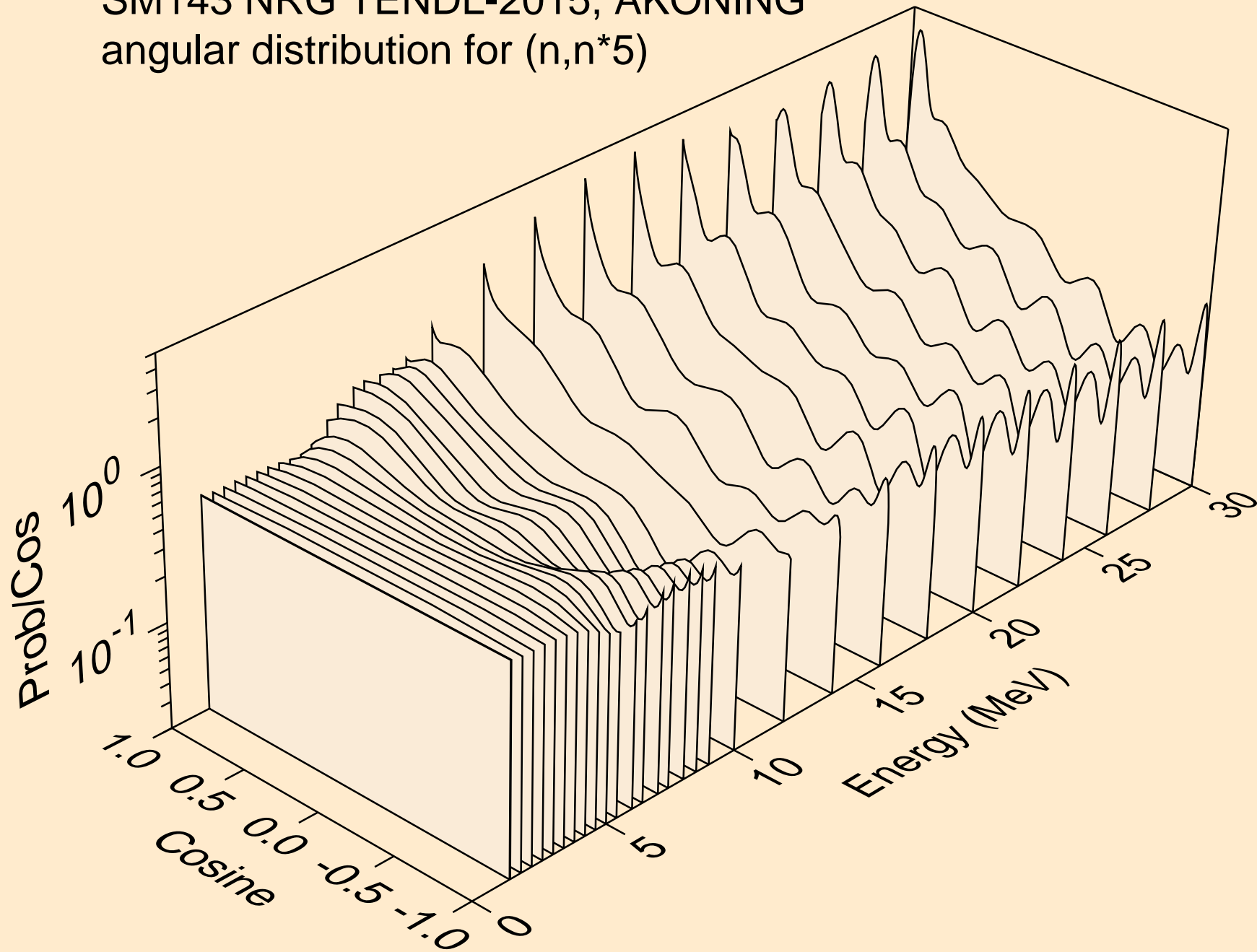
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



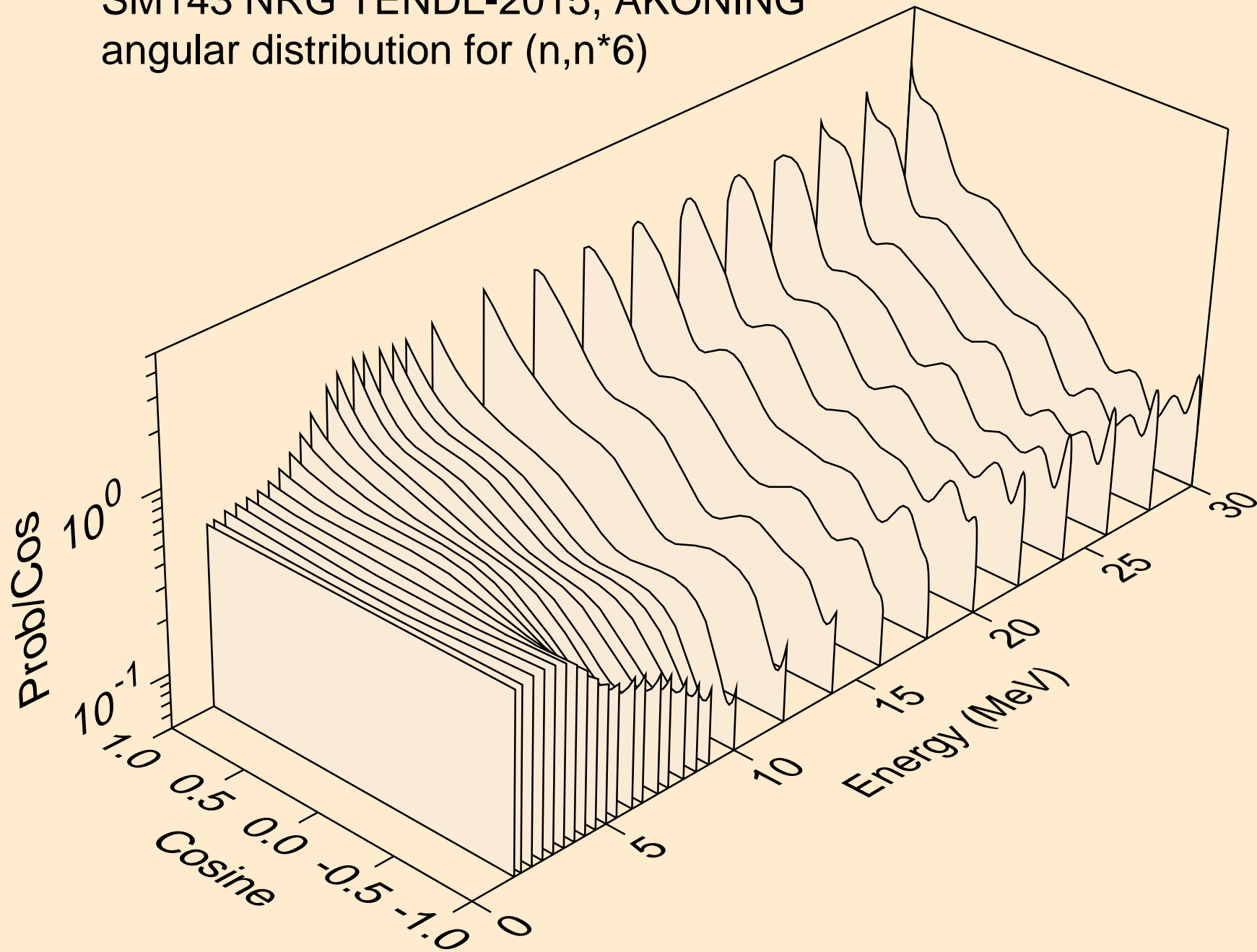
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

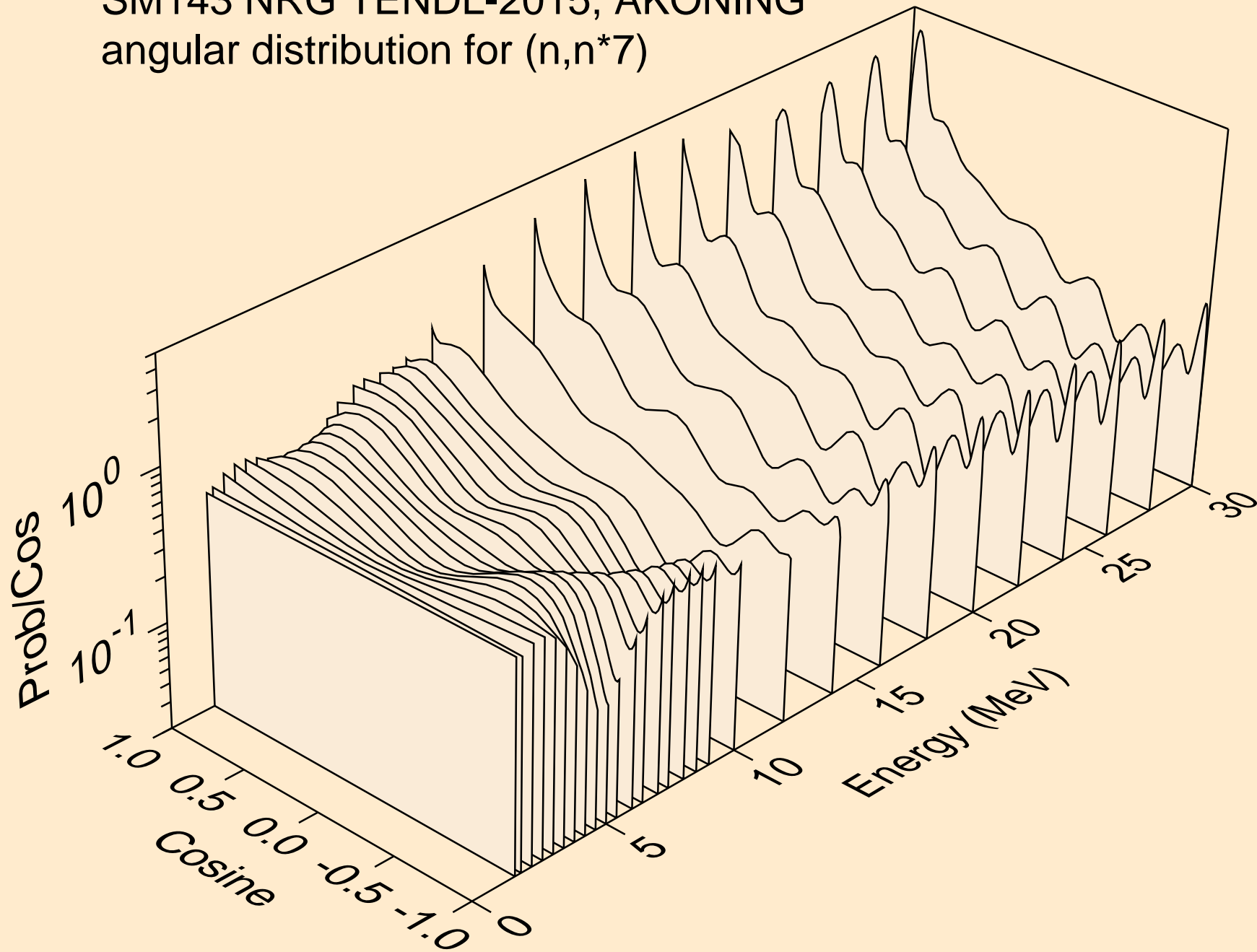


SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

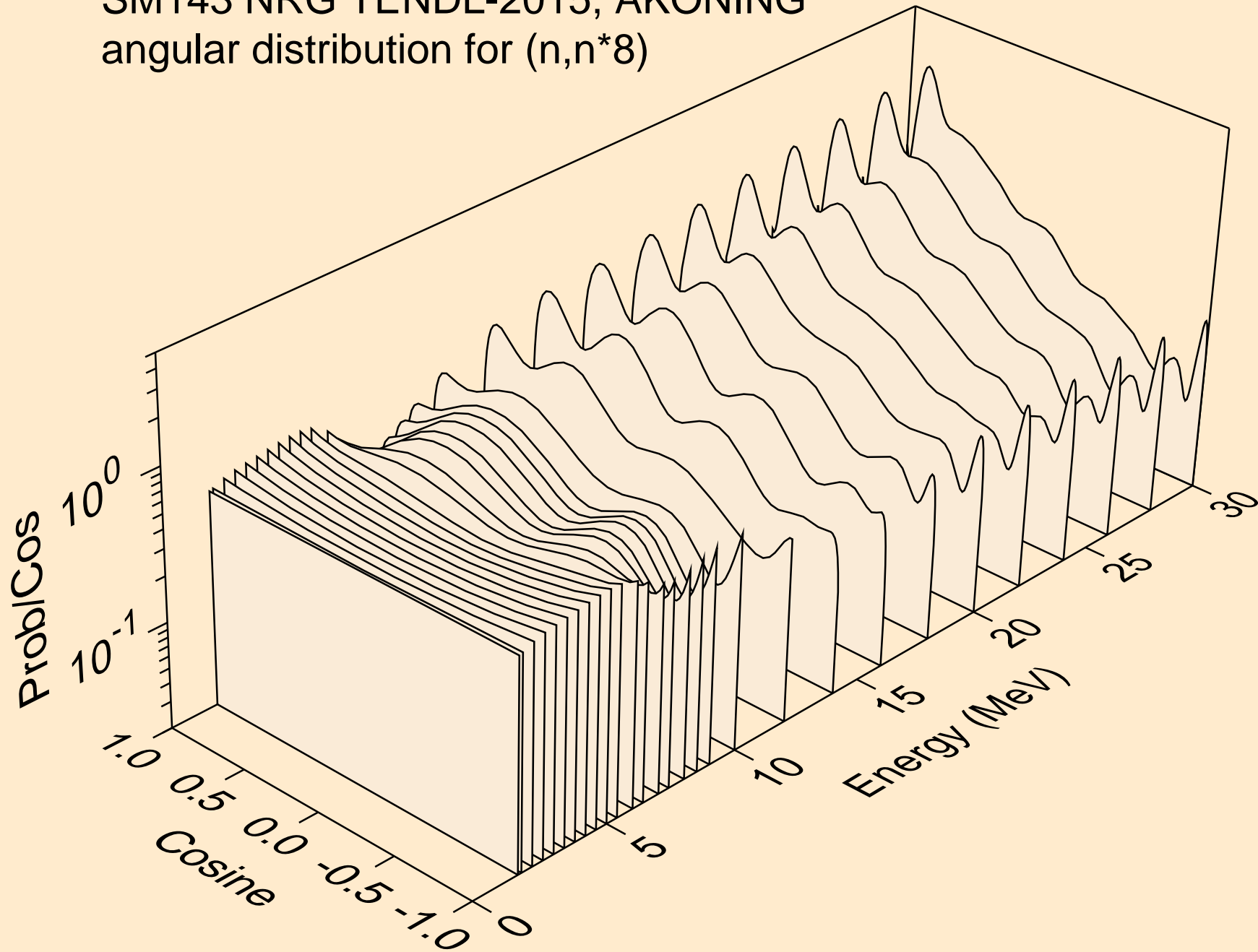




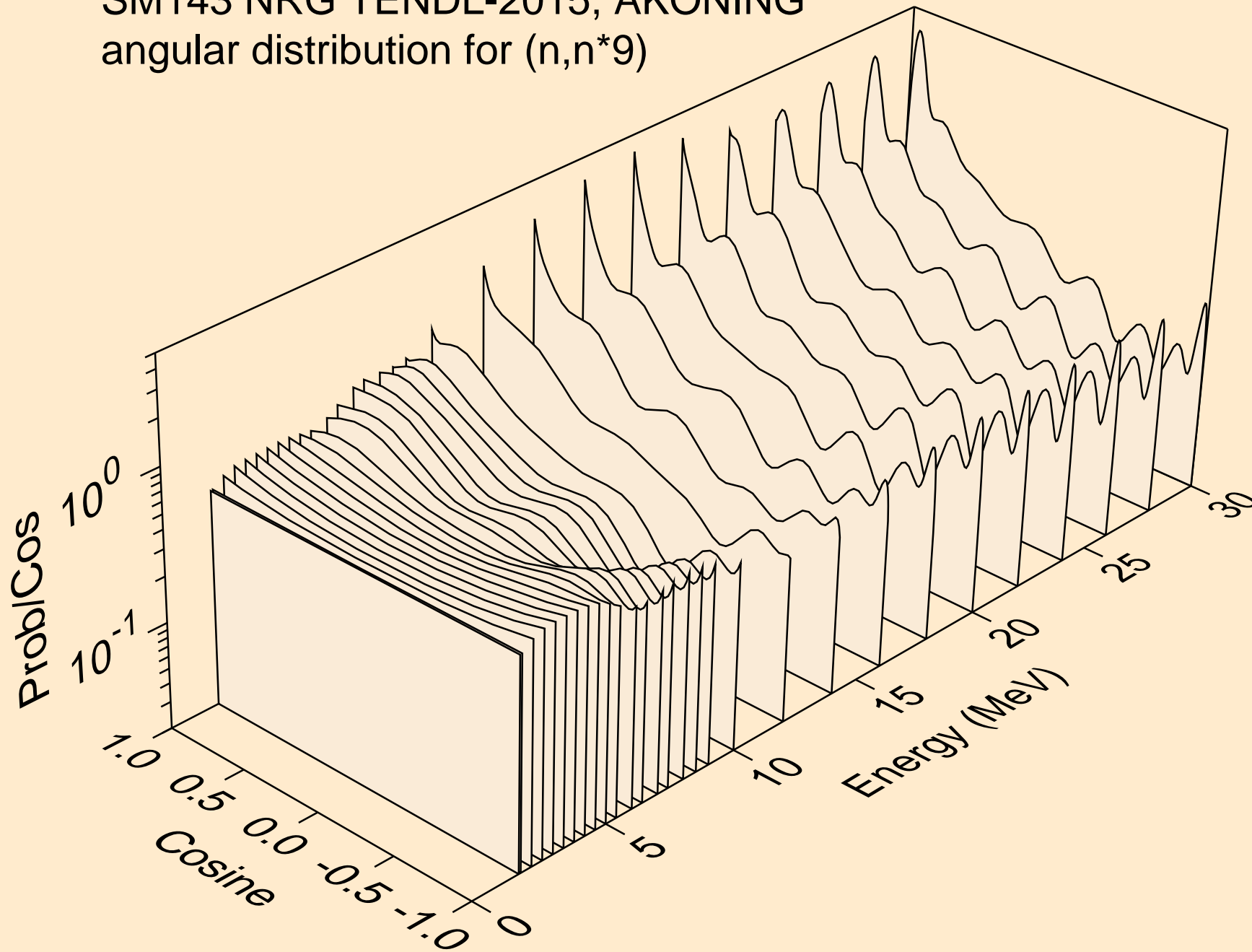
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



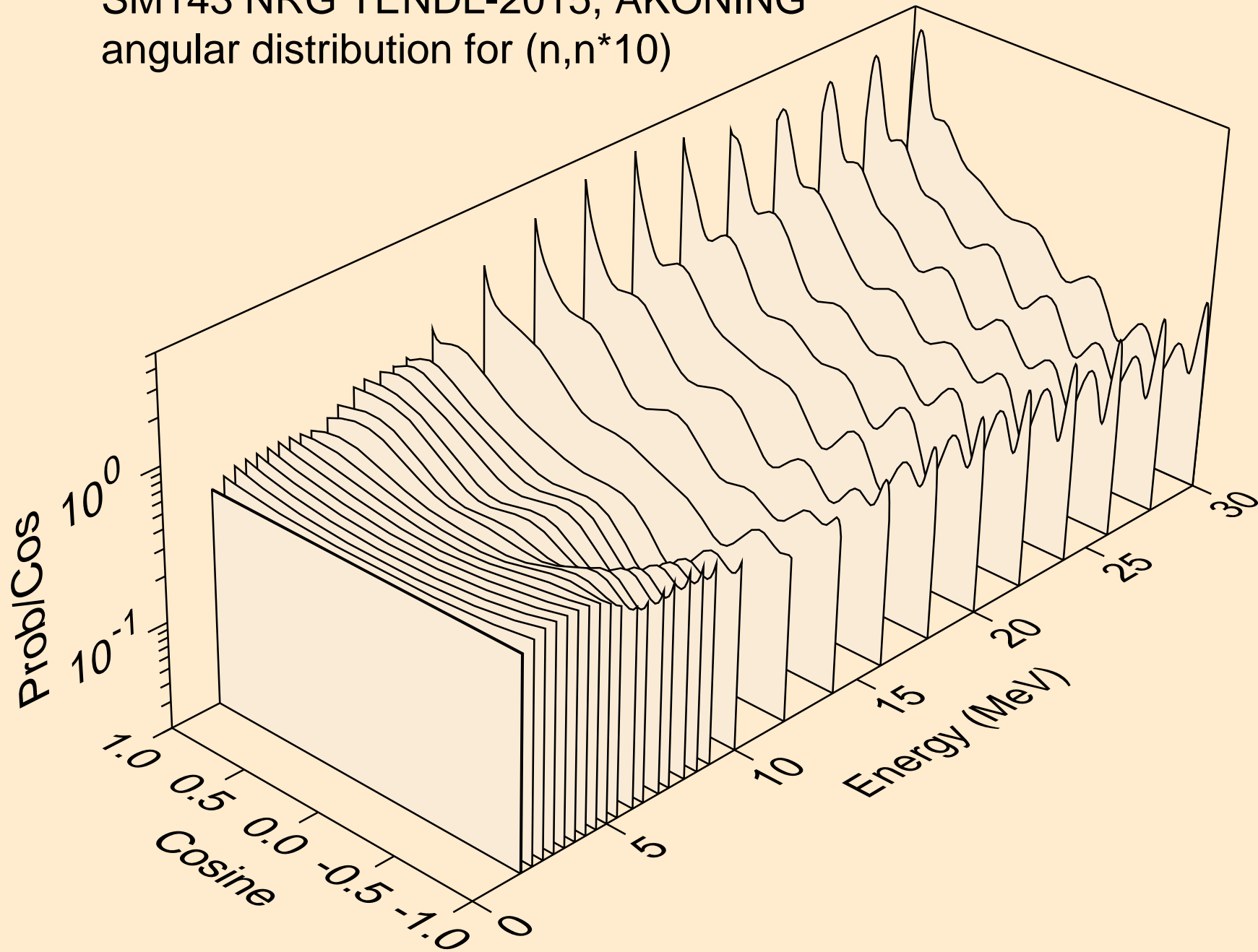
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



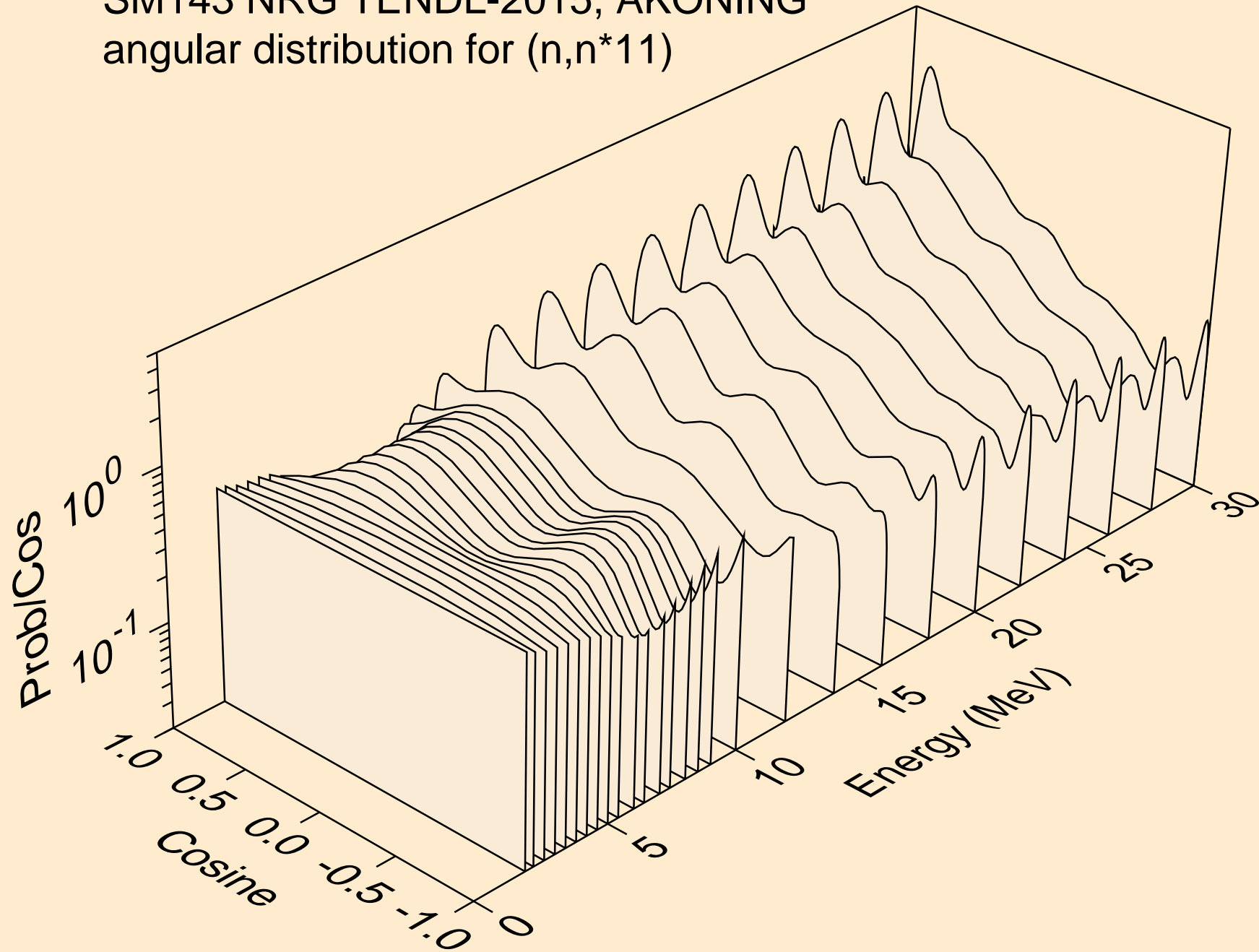
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



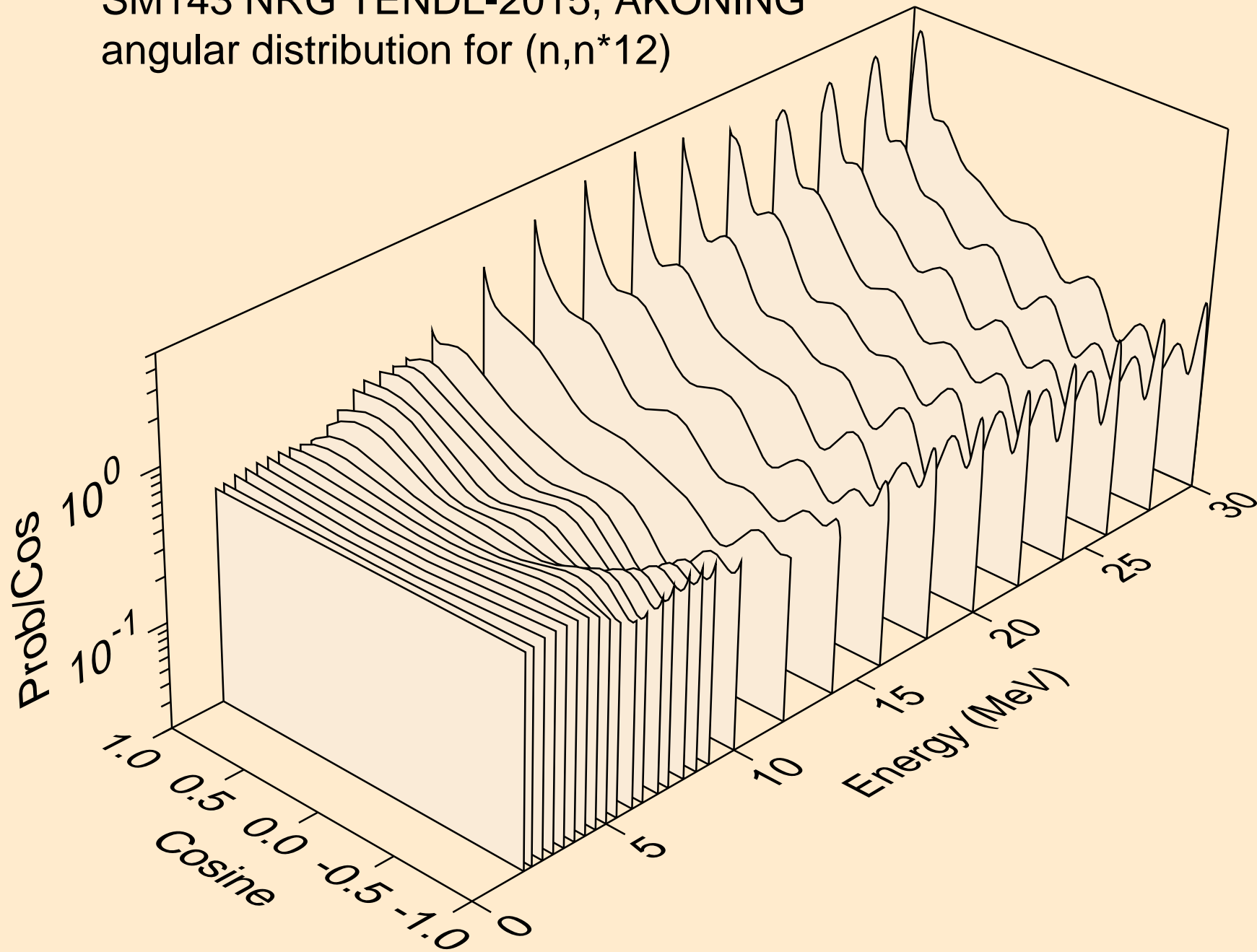
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



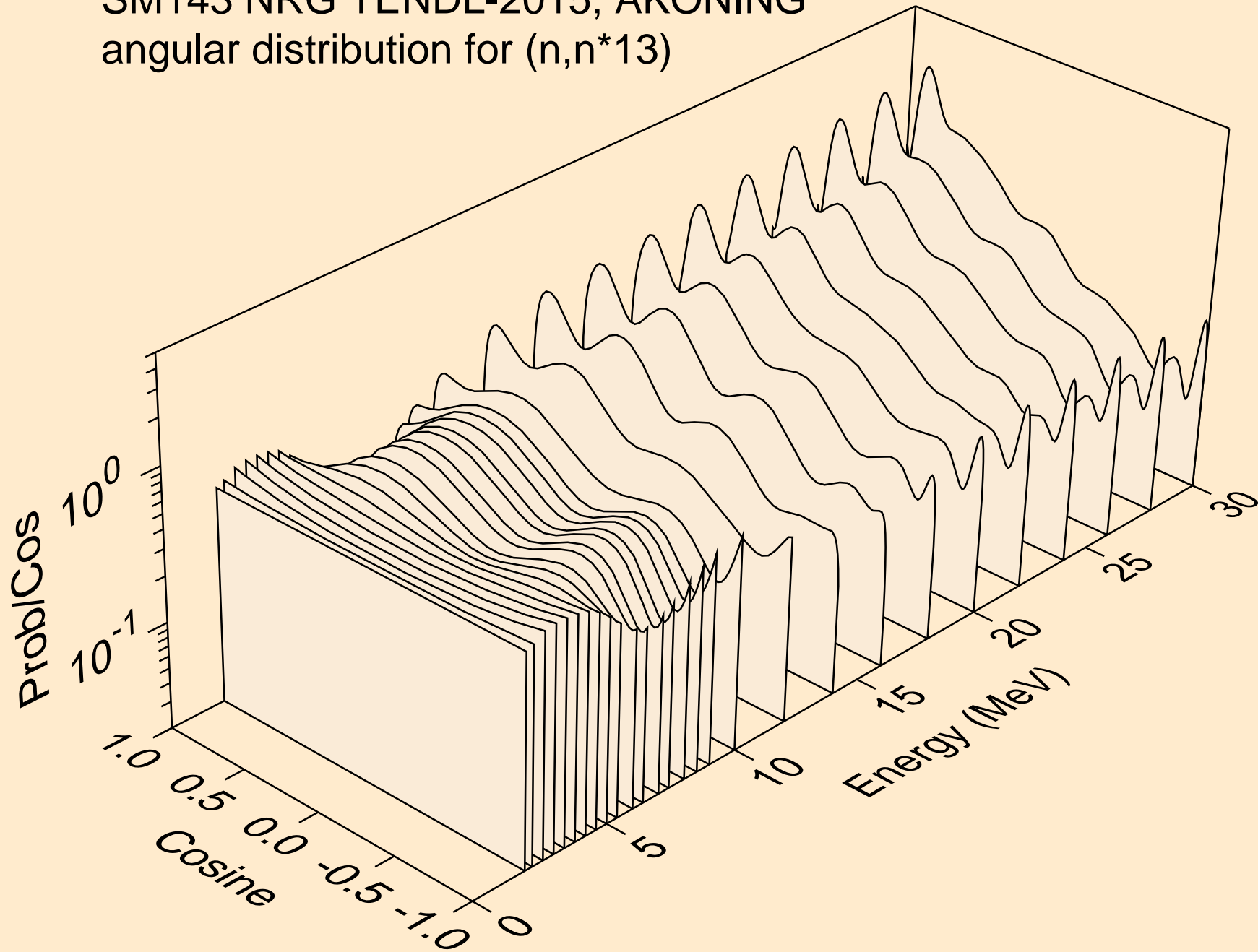
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



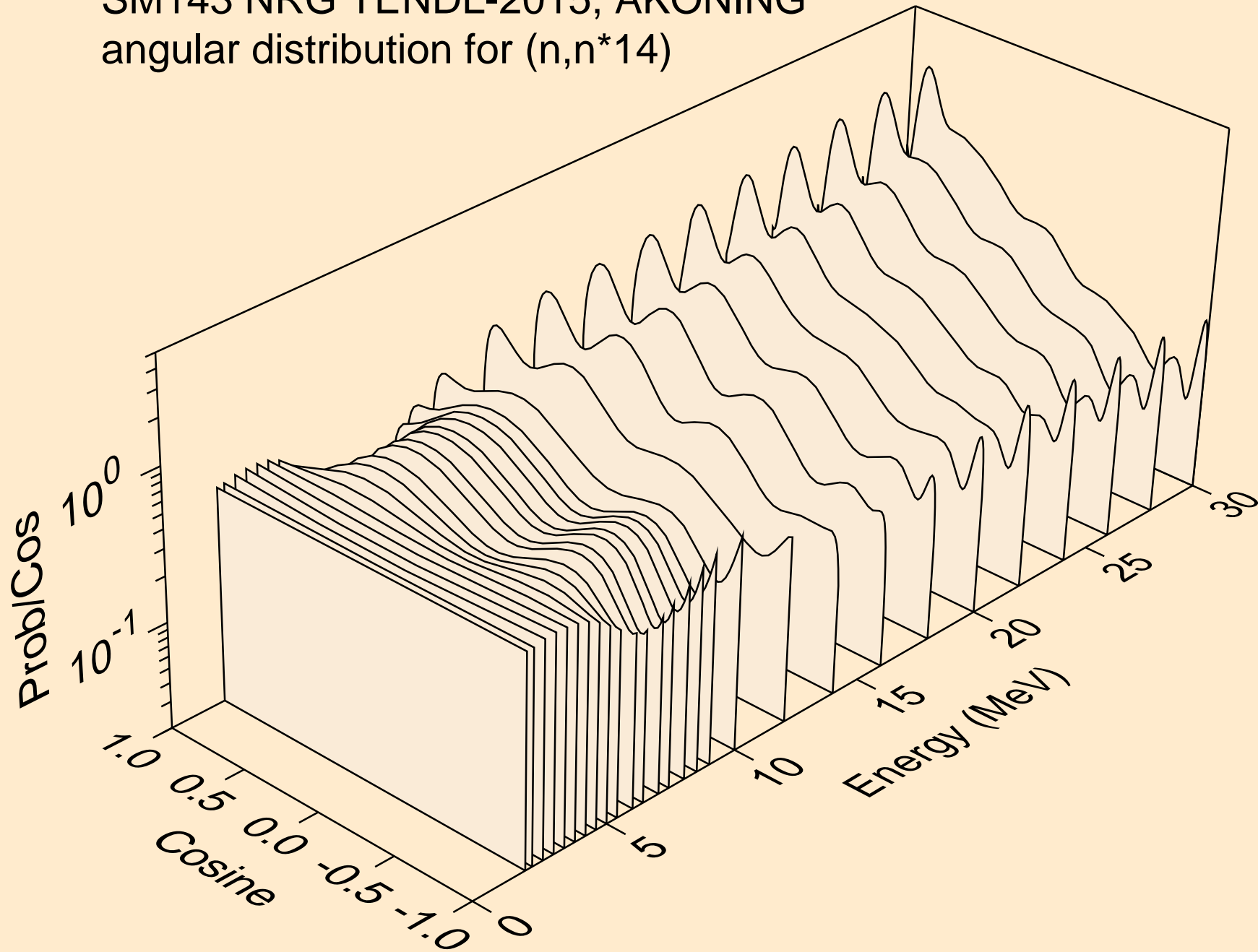
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

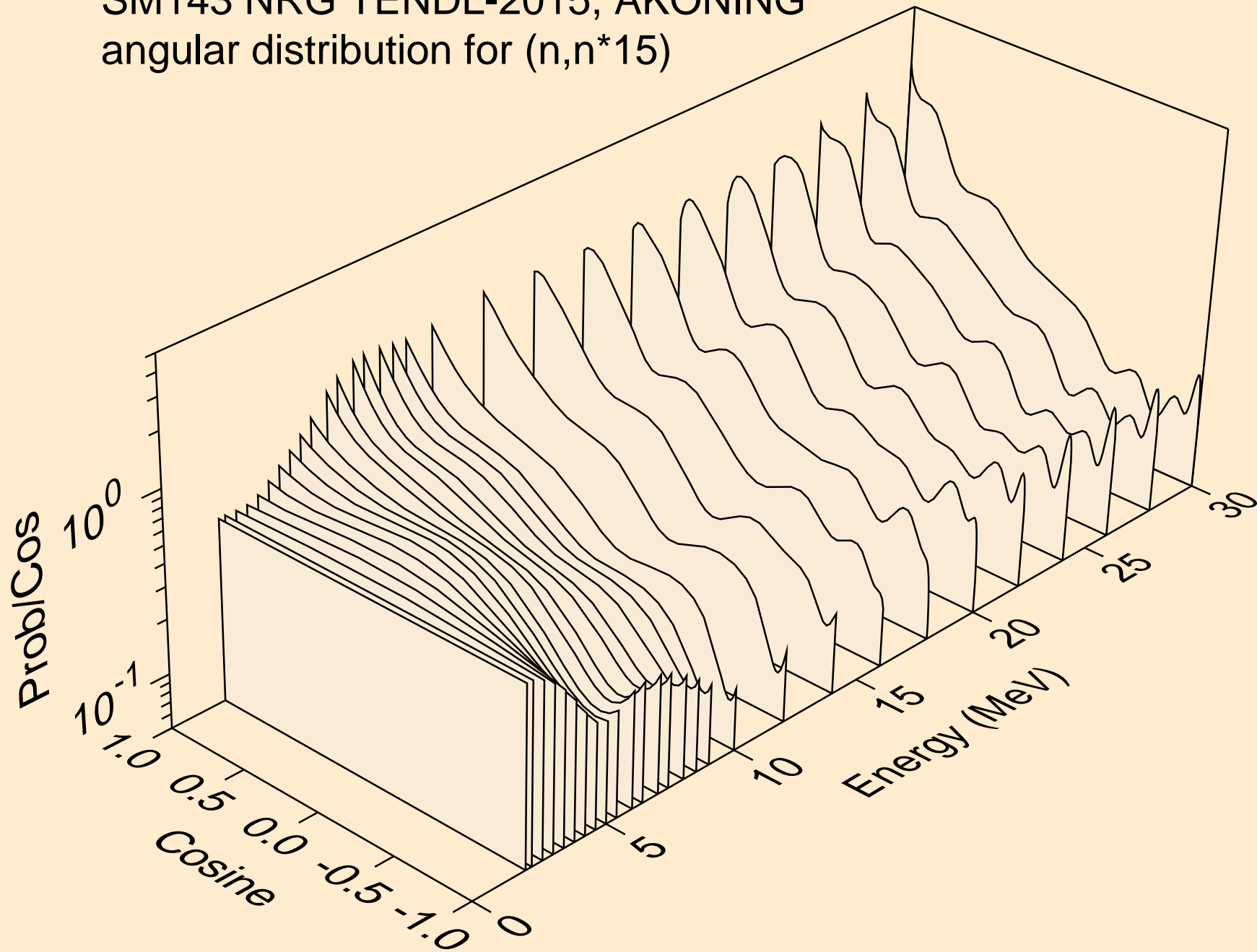


SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

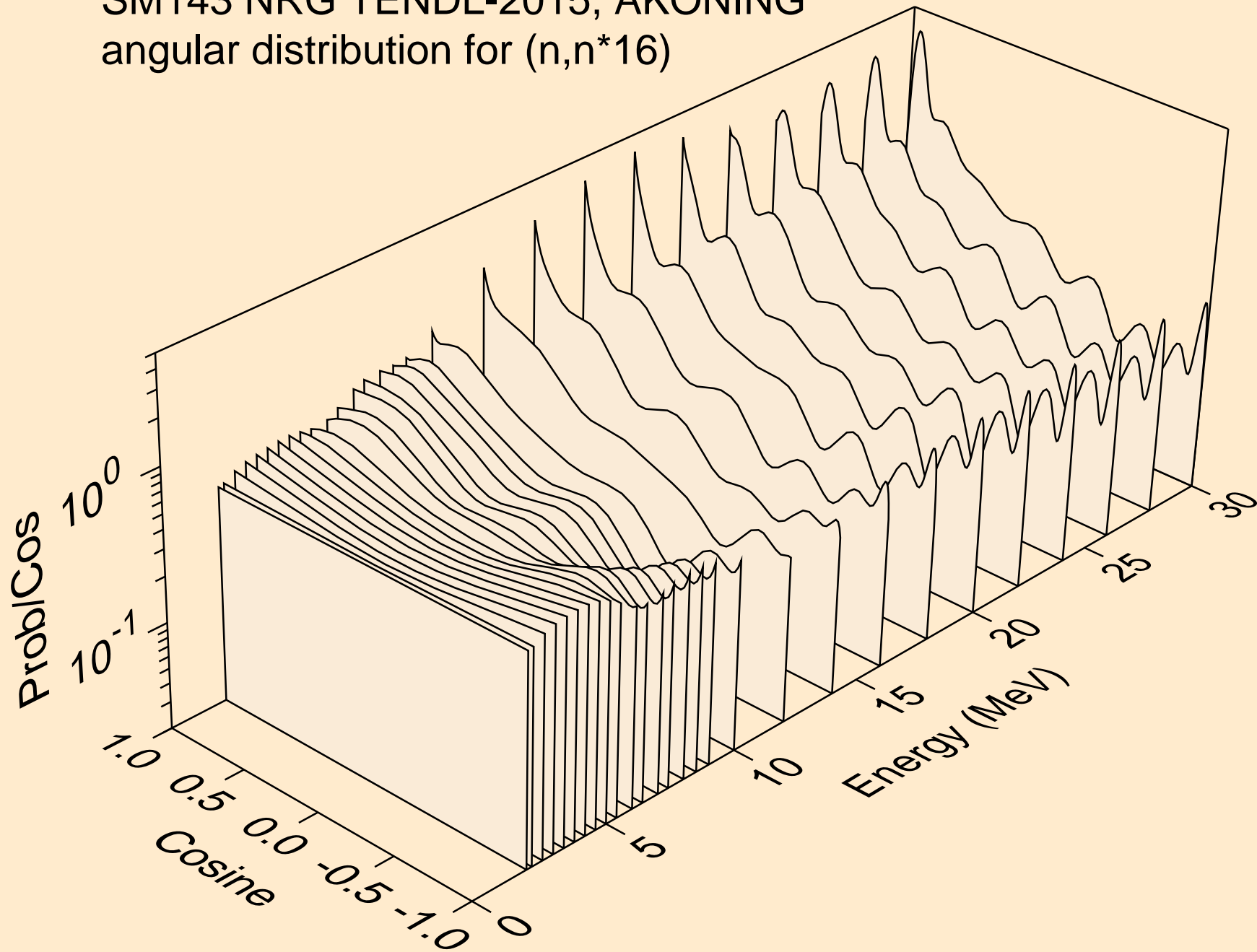




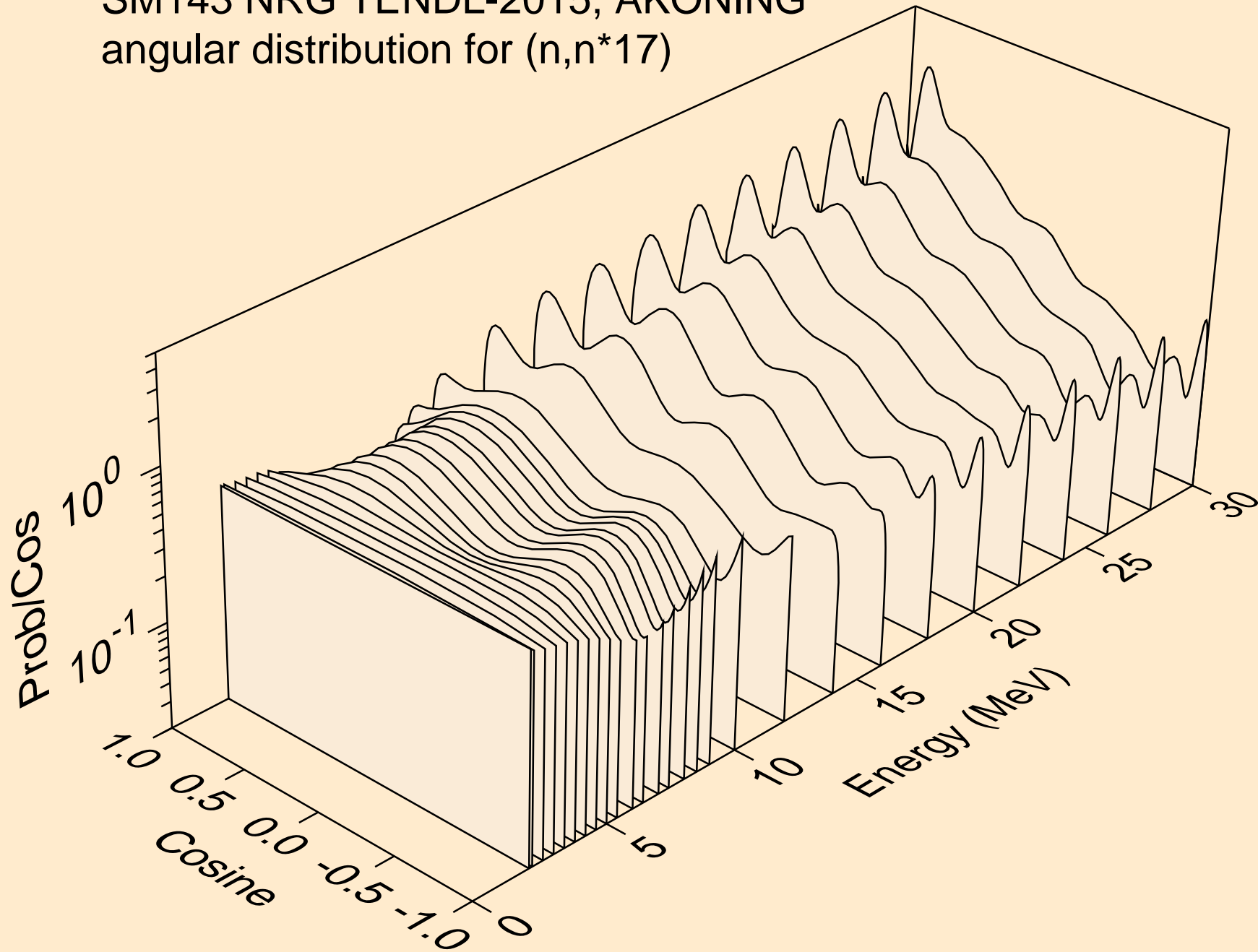
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



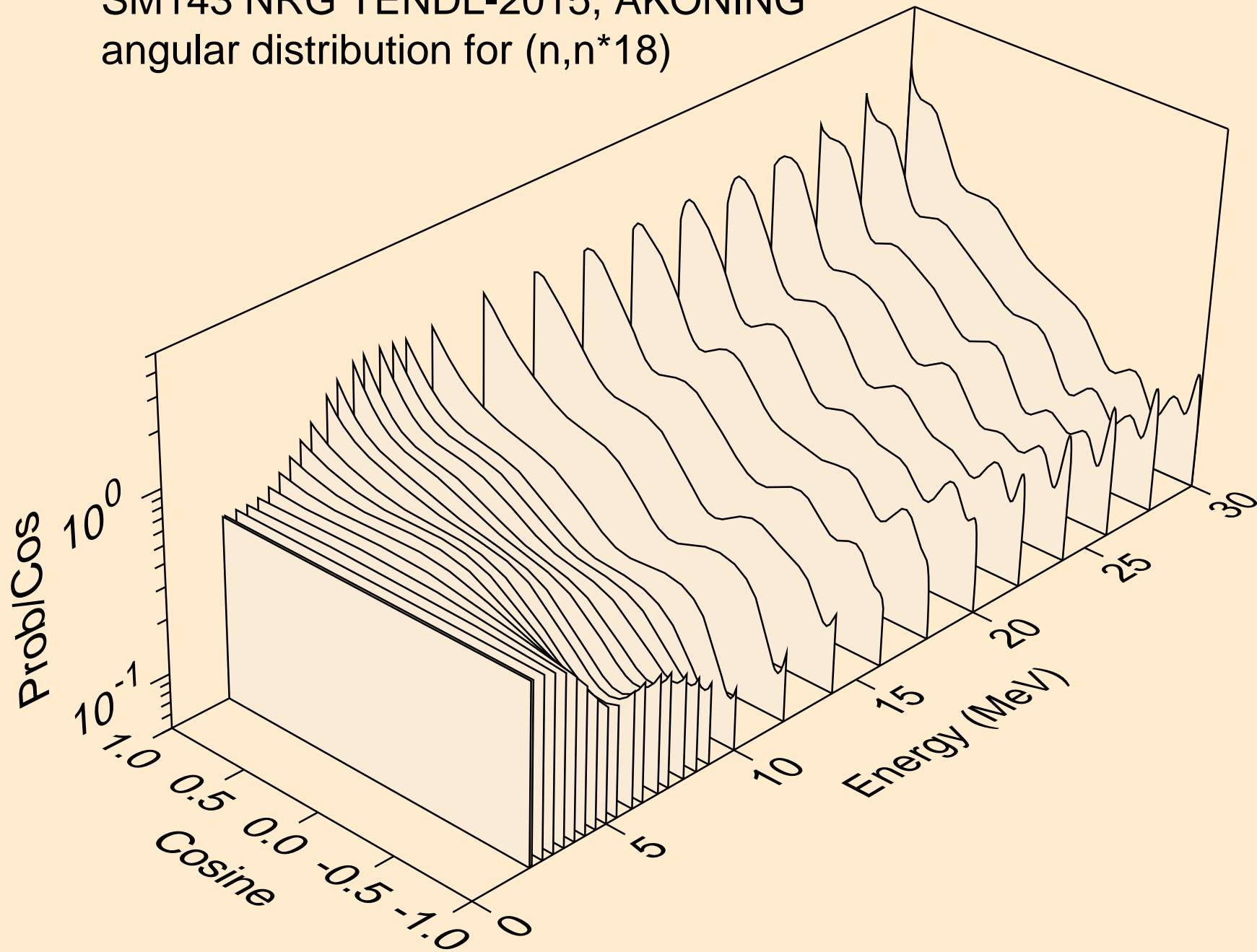
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



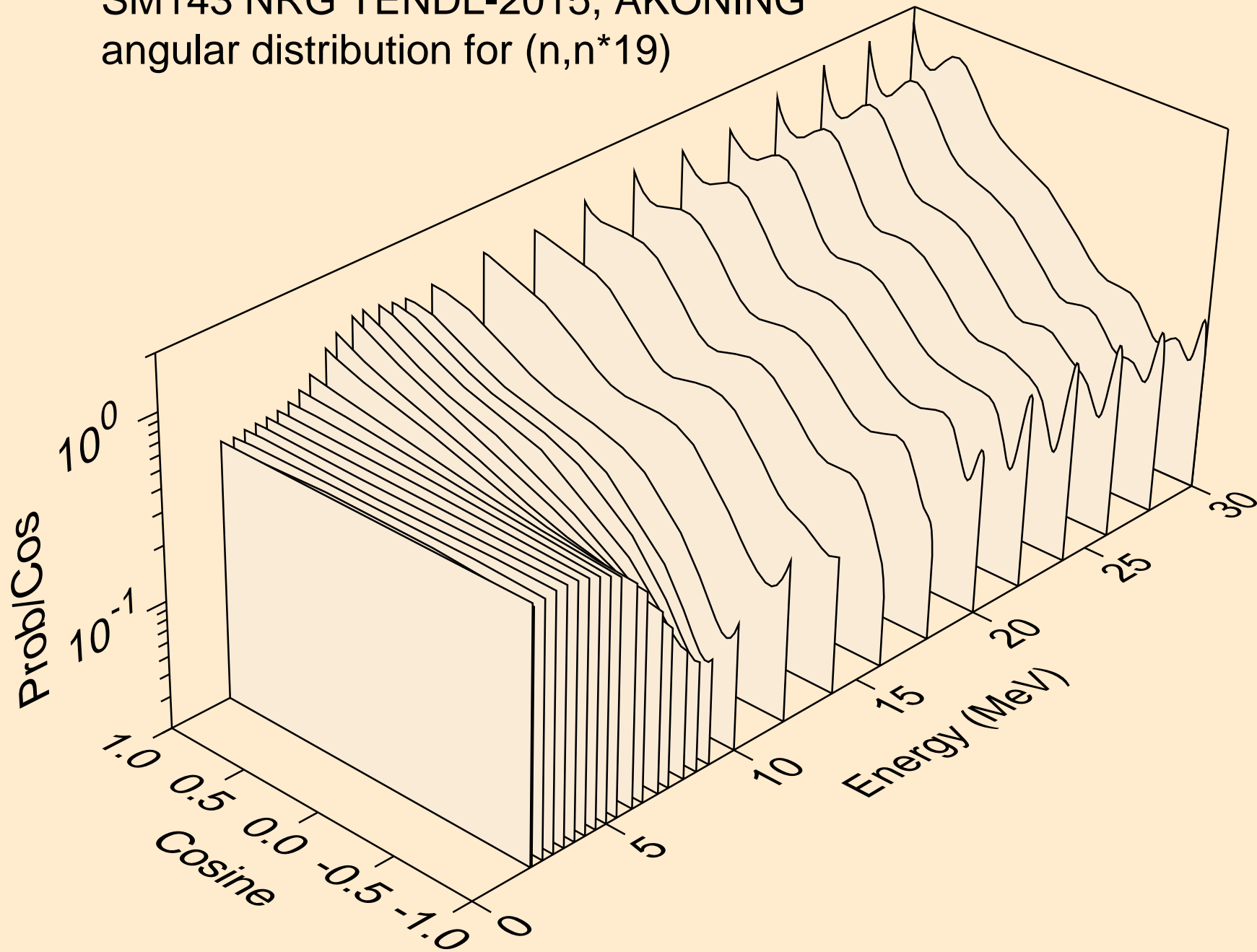
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



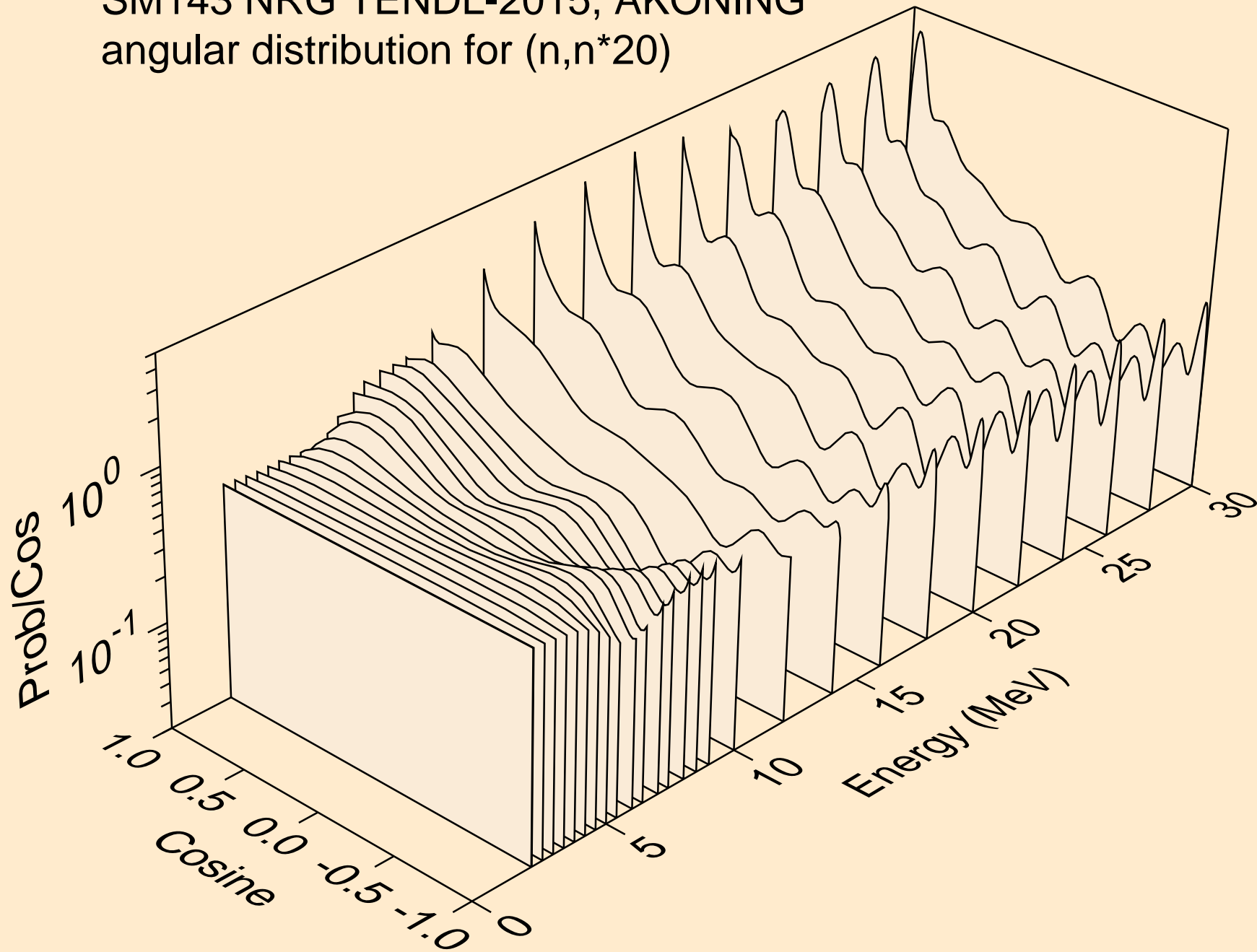
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



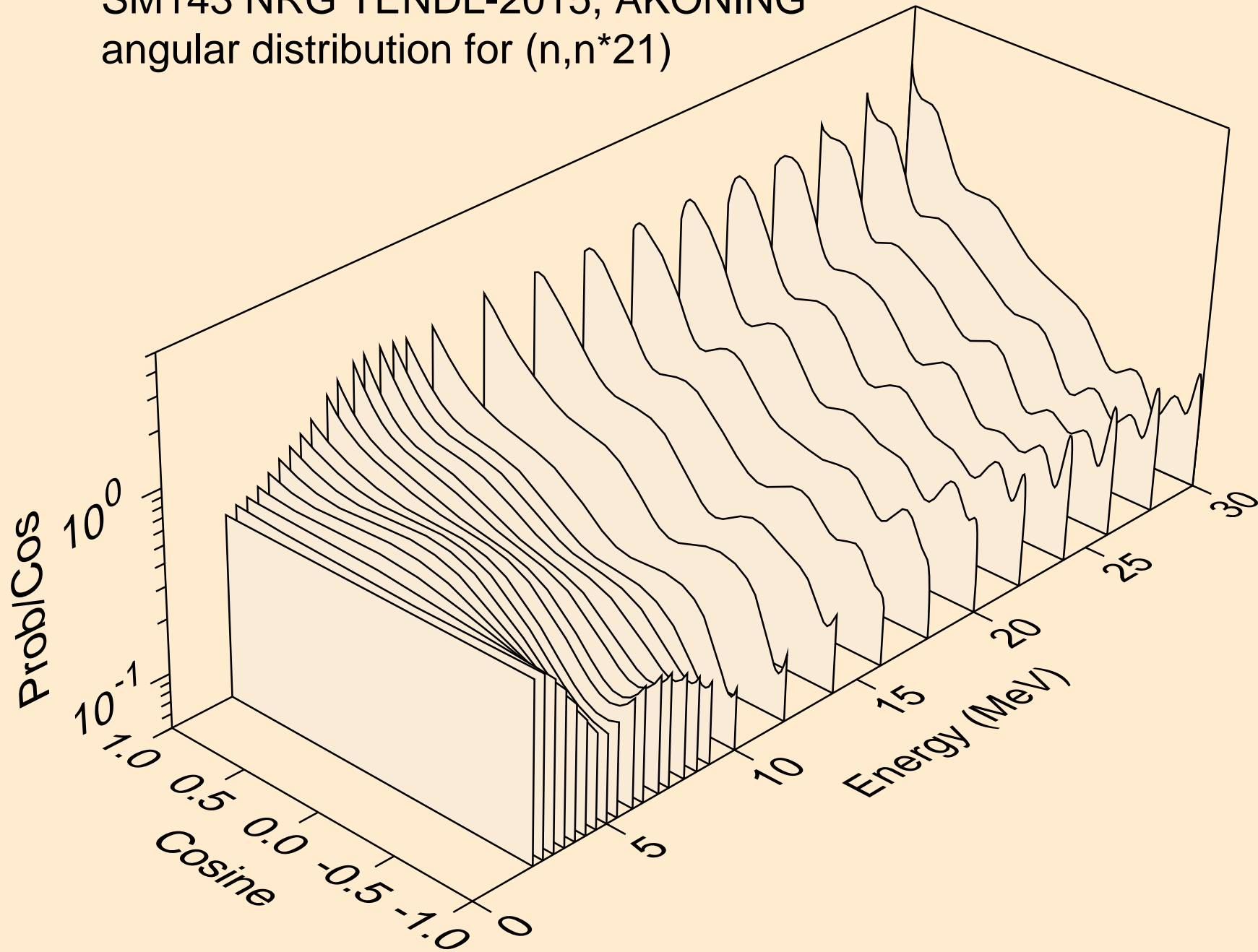
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



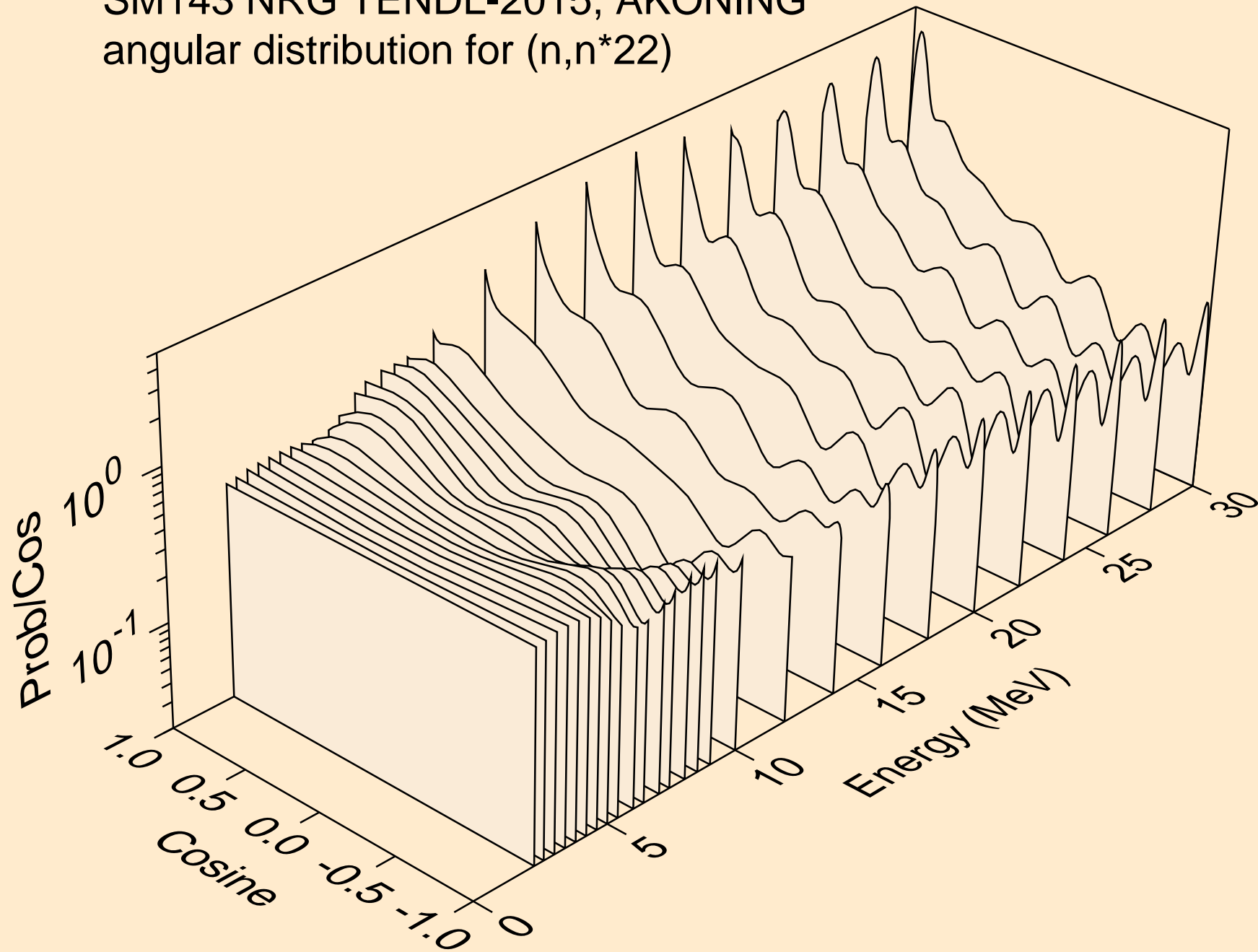
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

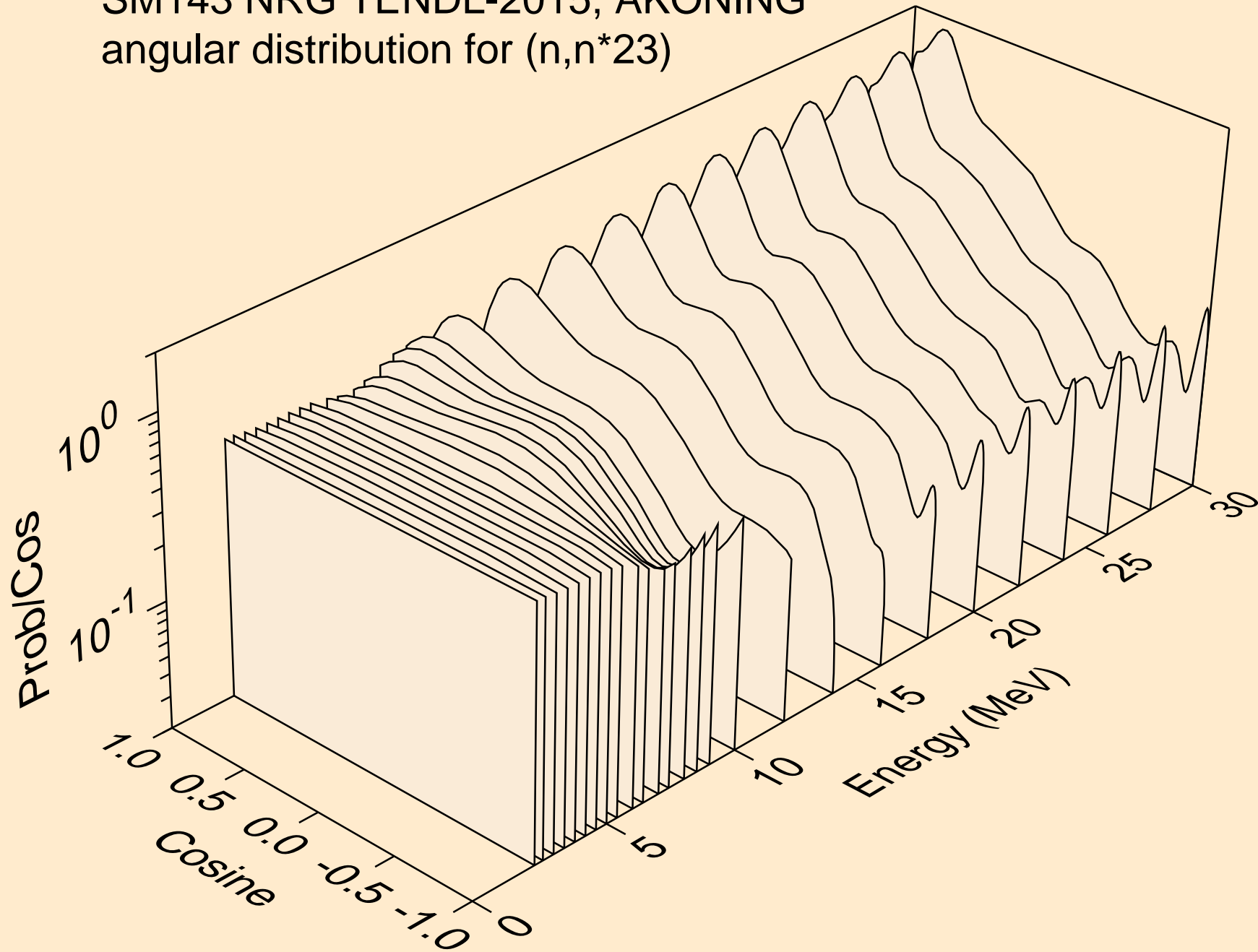


SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

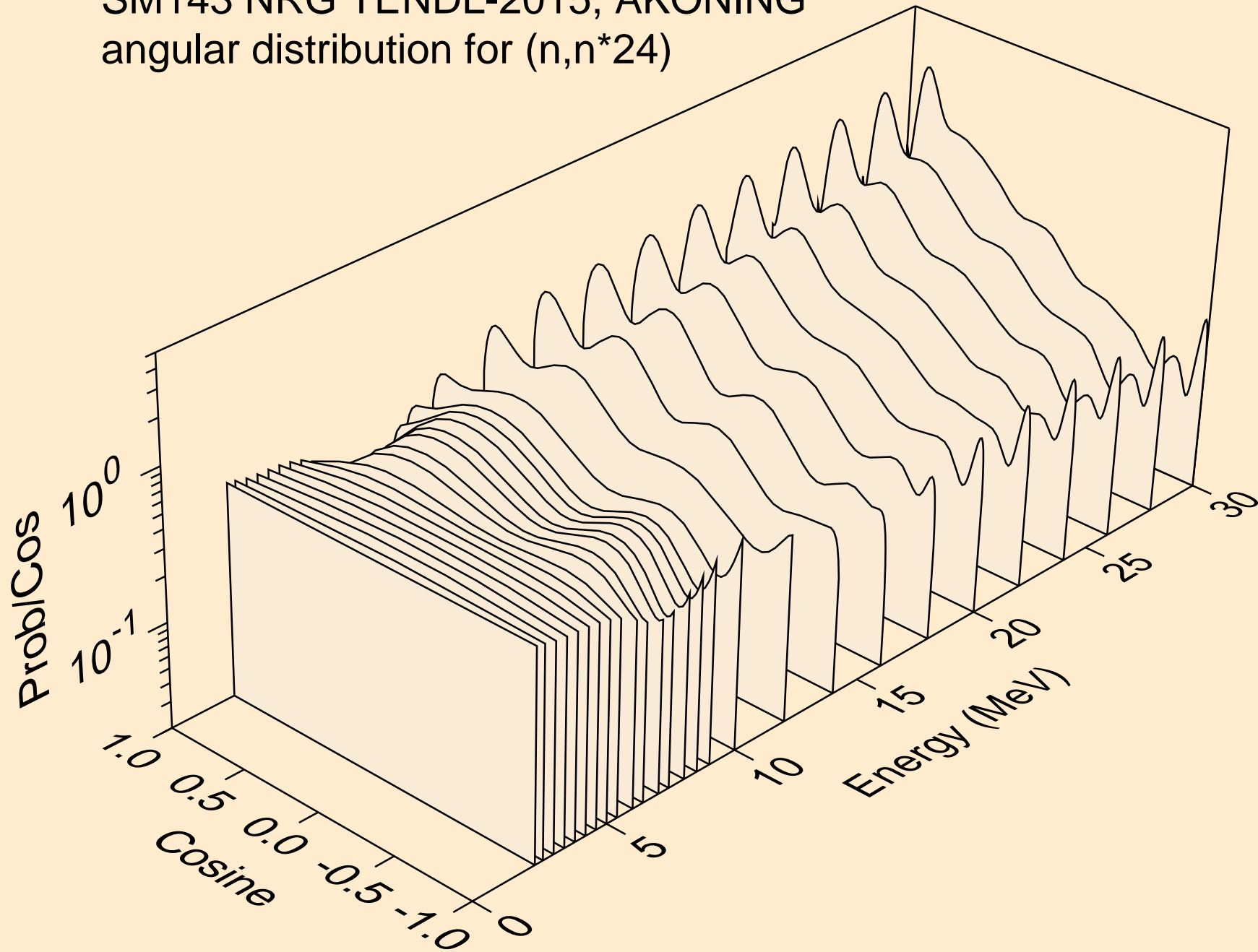




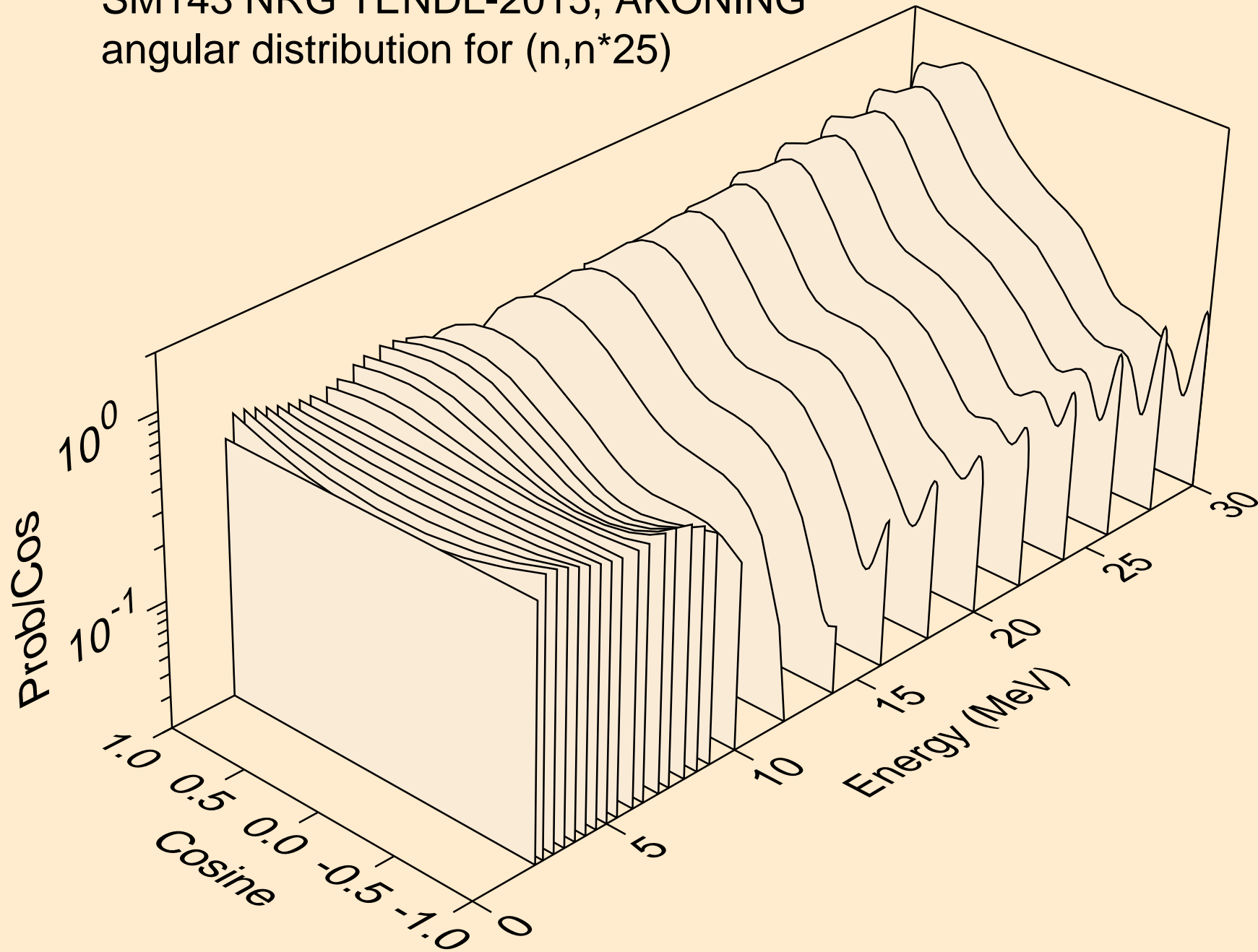
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



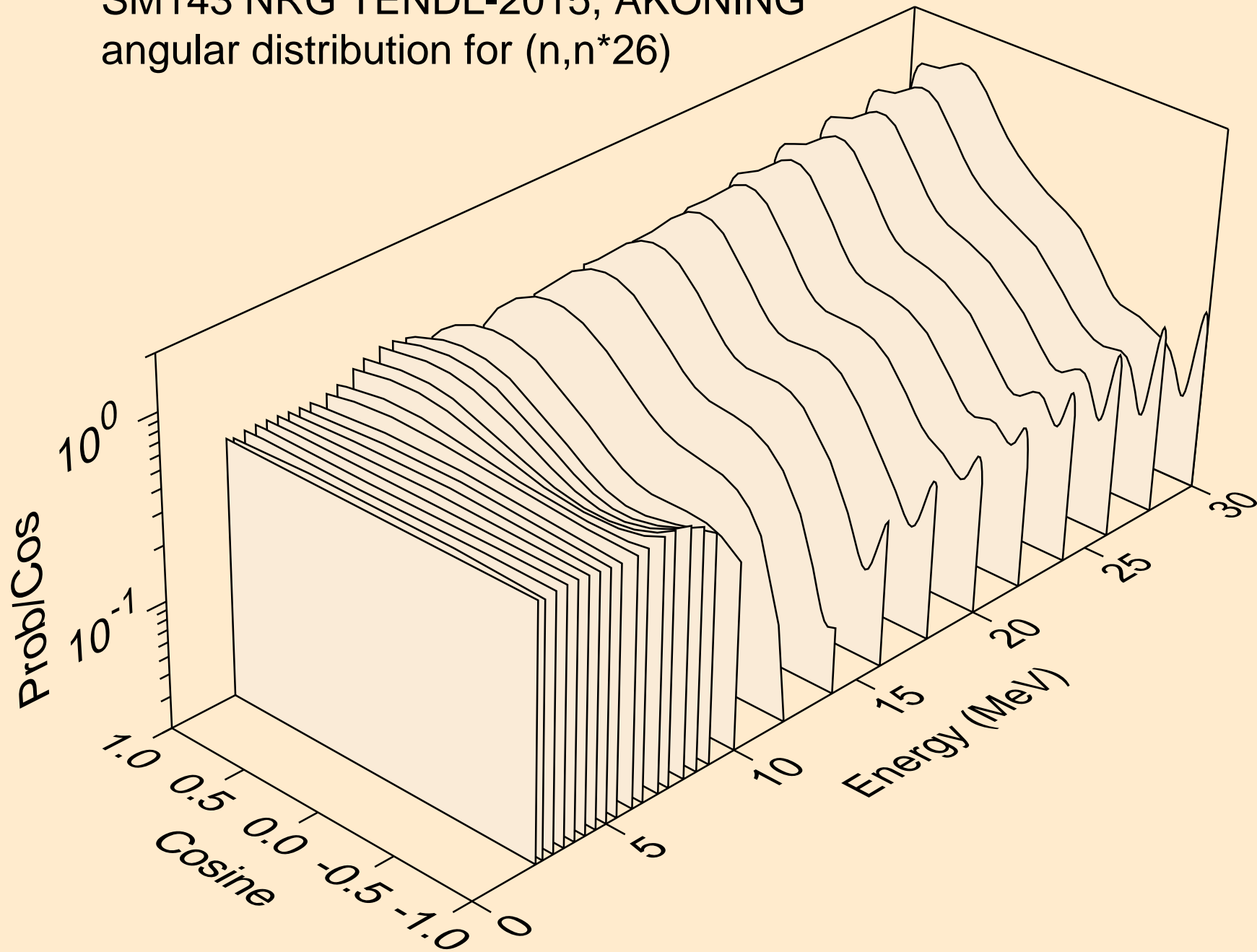
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



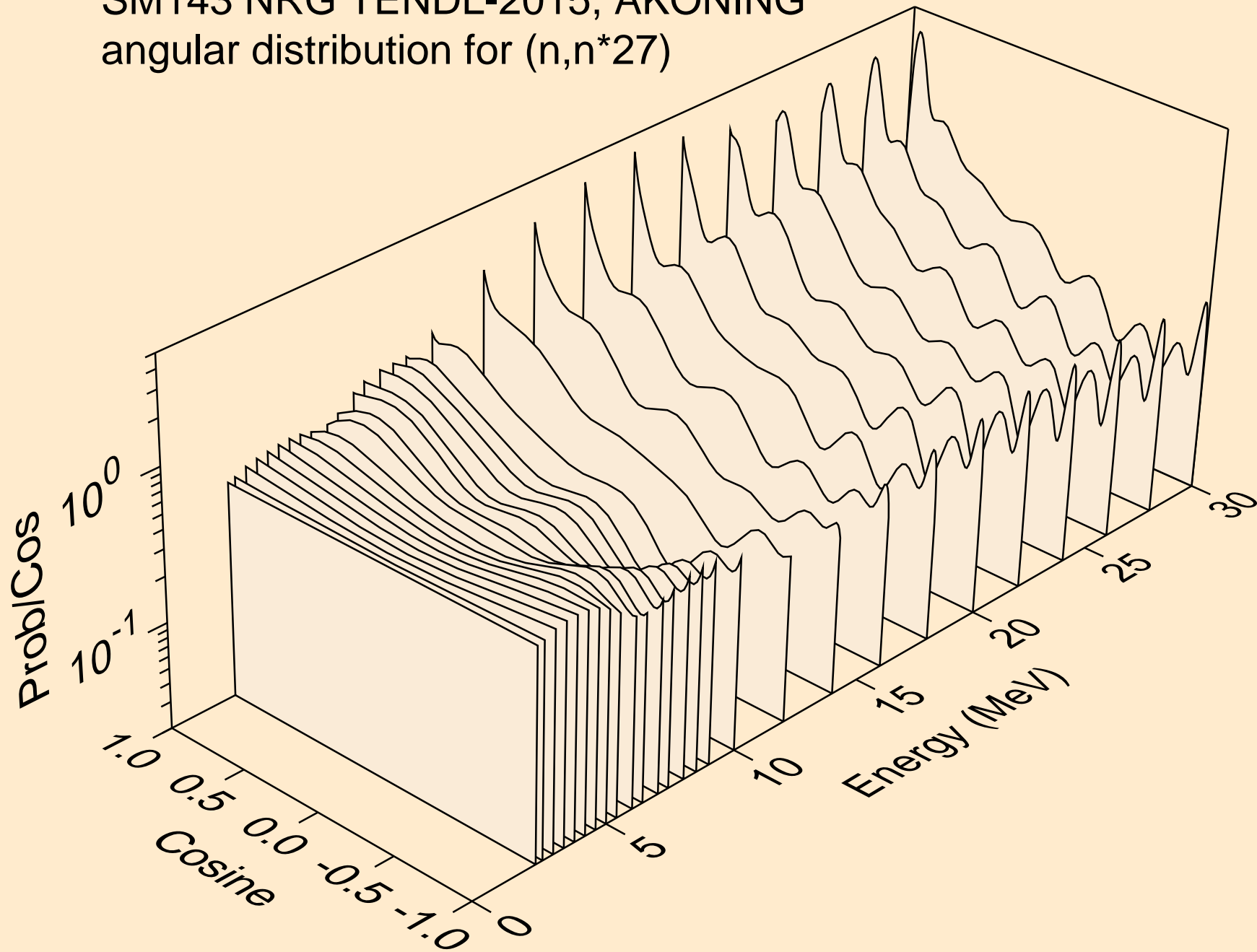
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



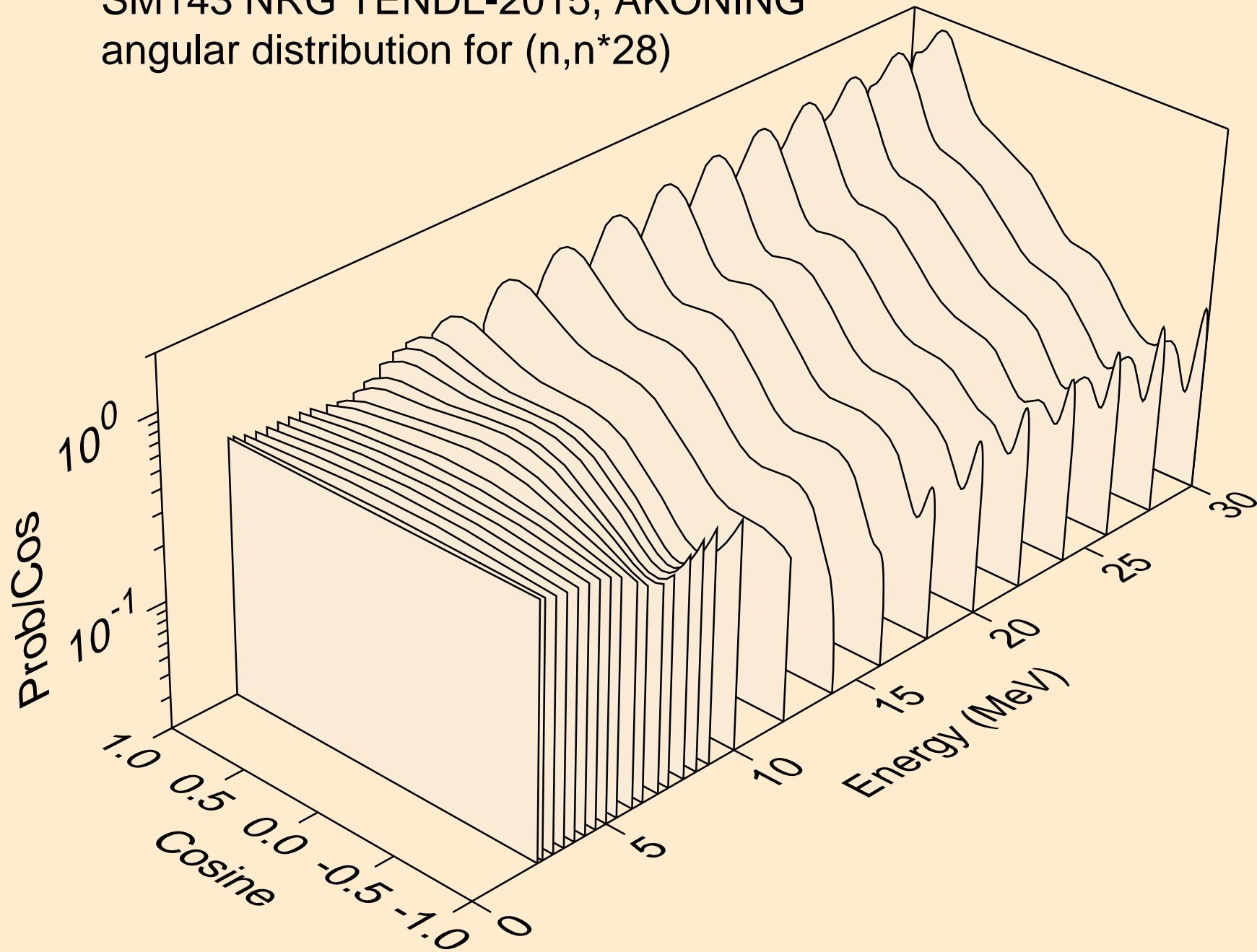
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



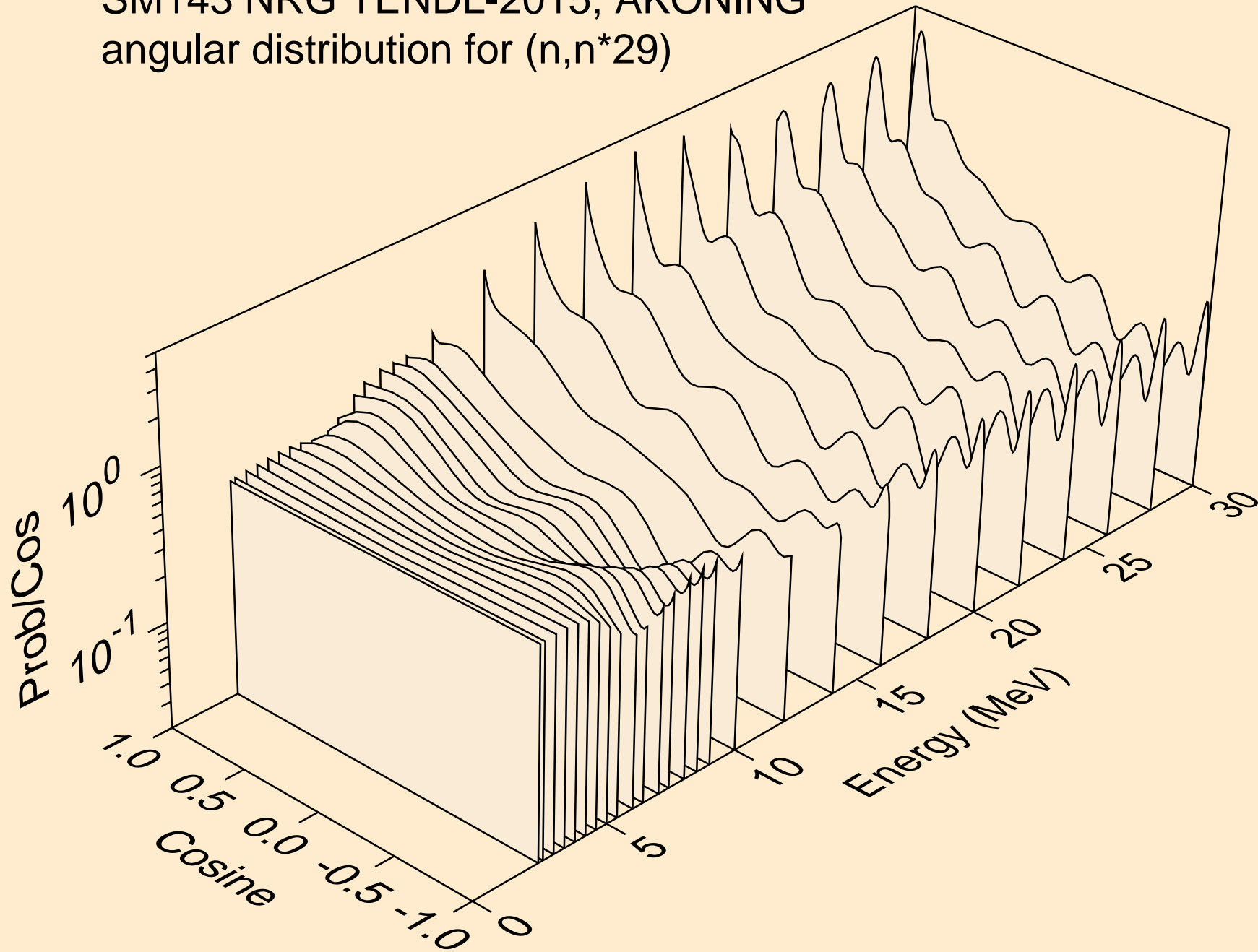
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



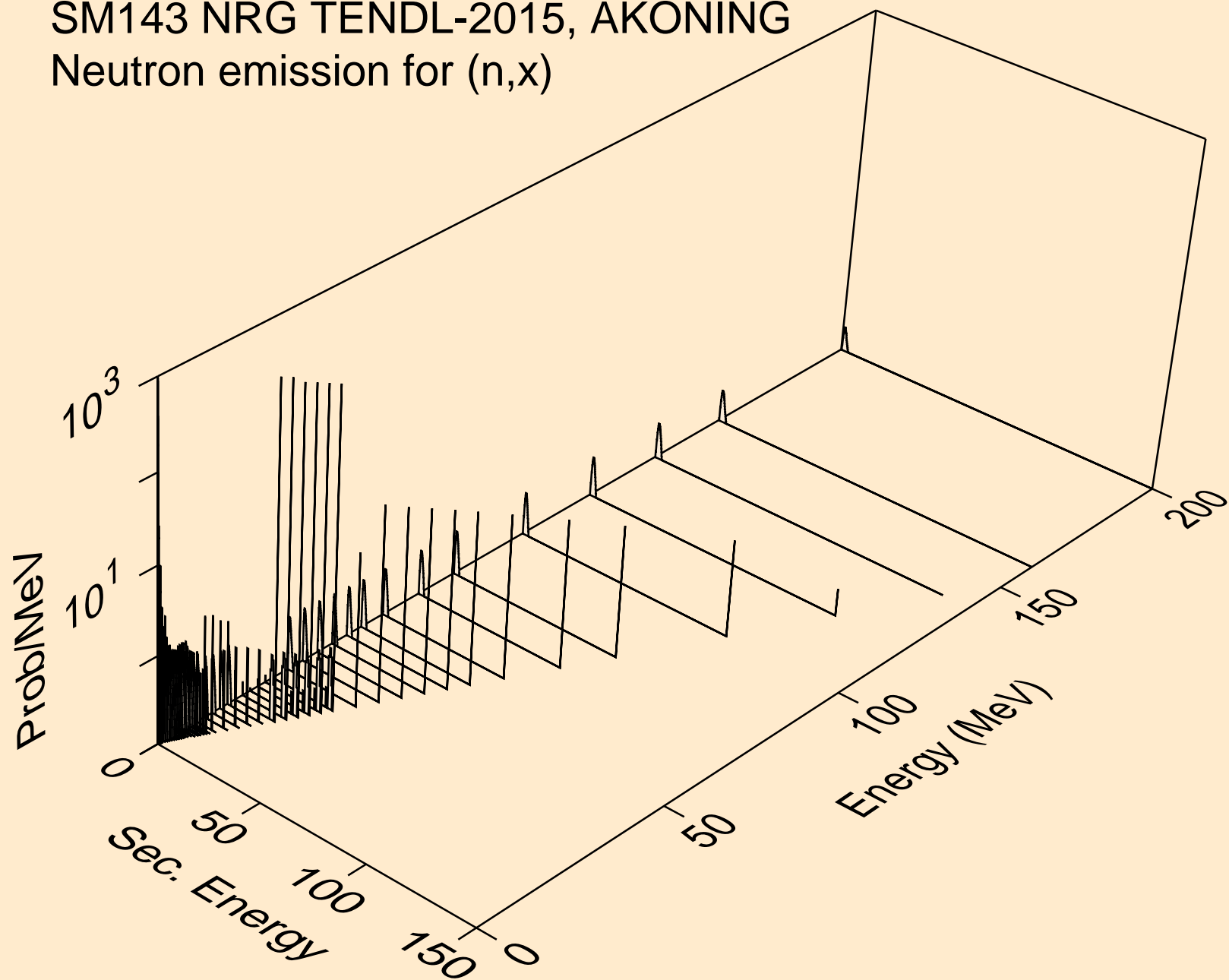
SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



SM143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

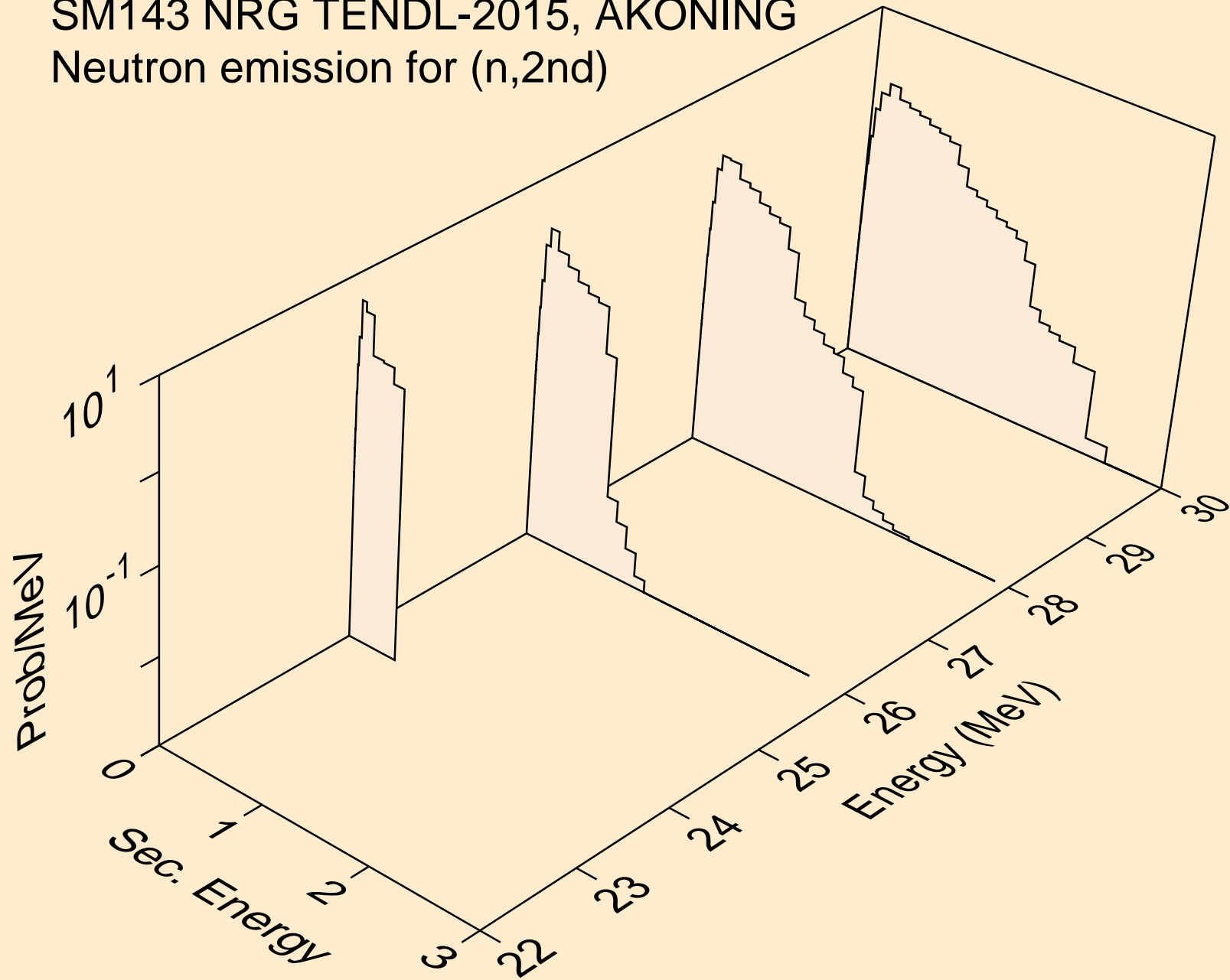


SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

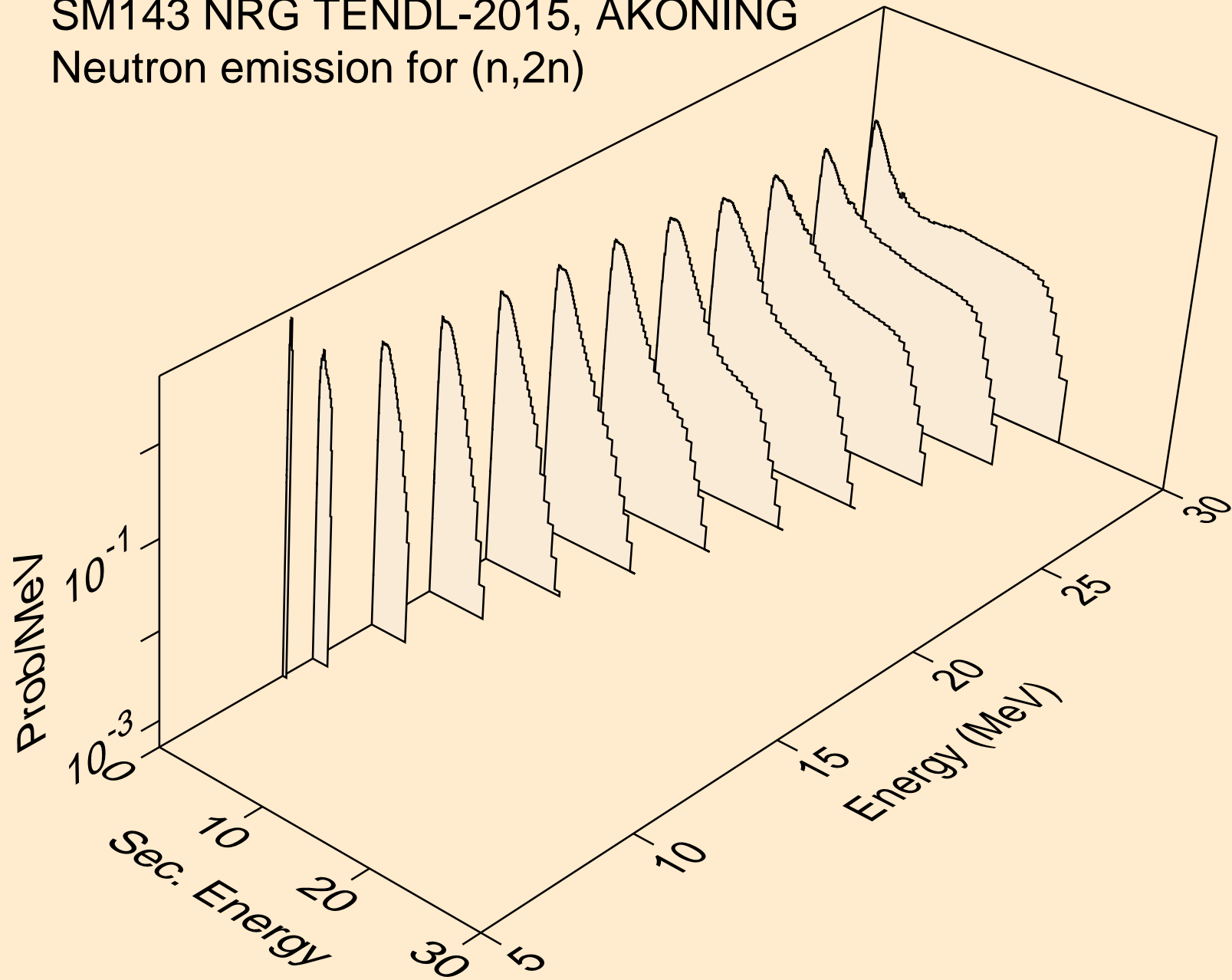




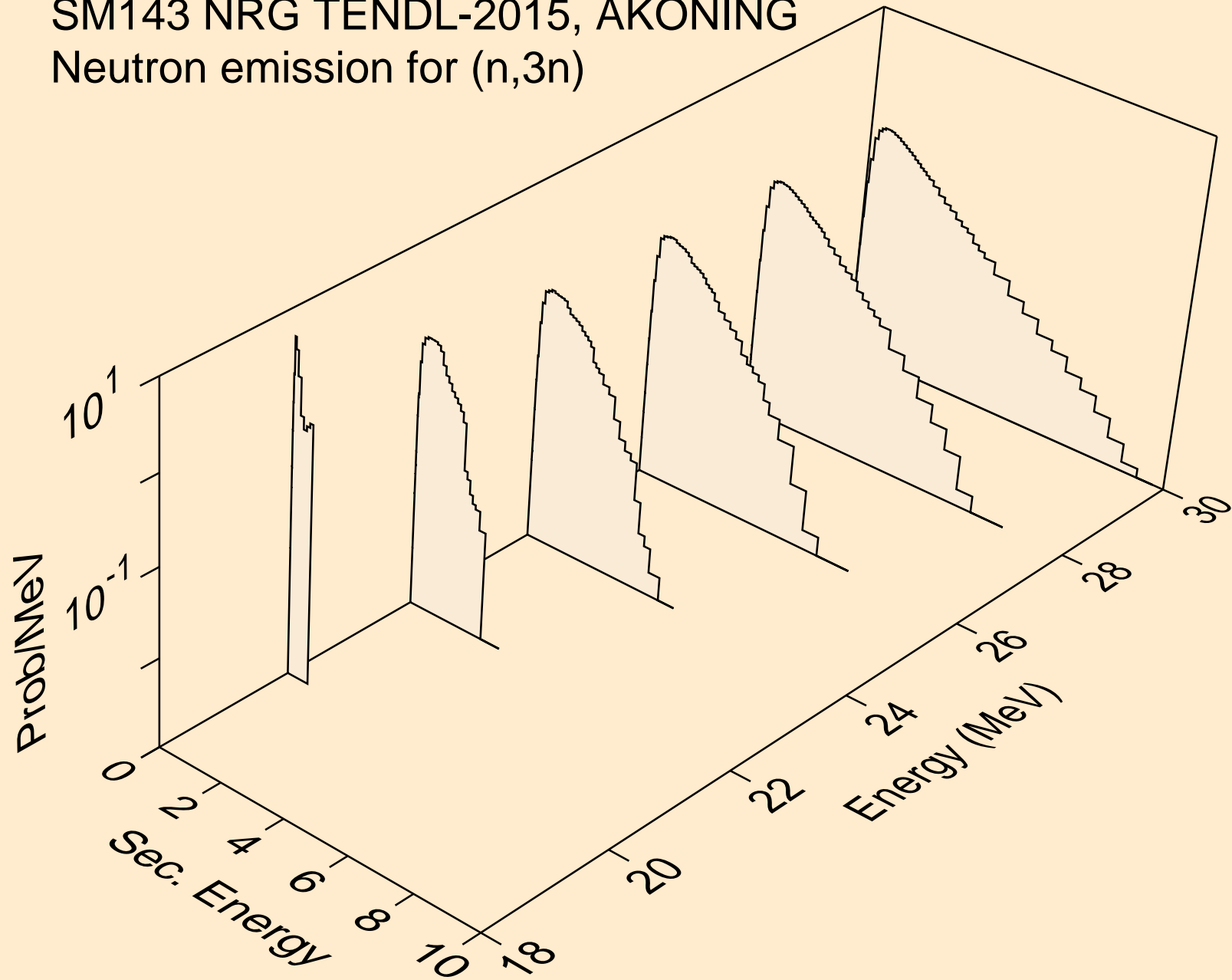
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



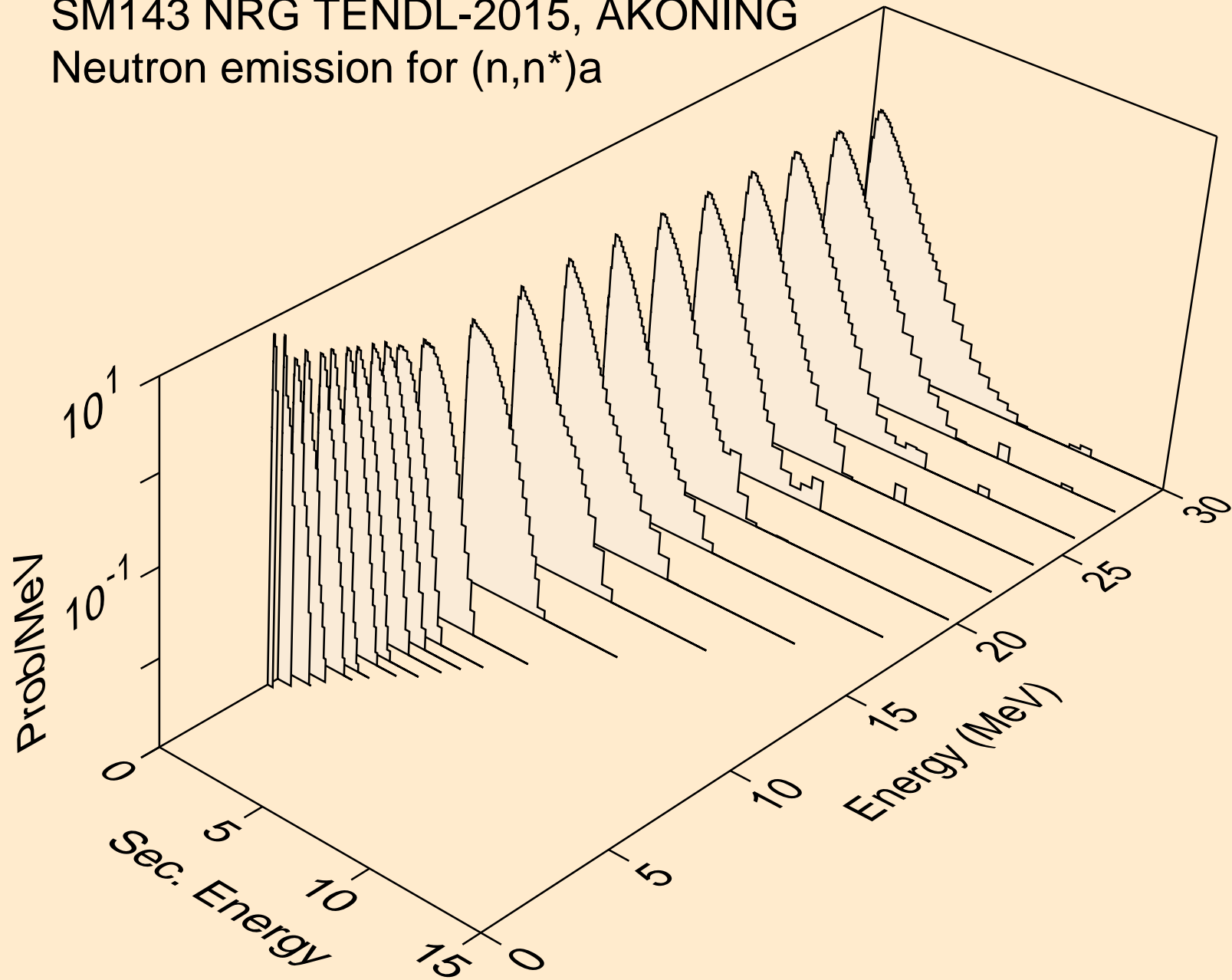
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



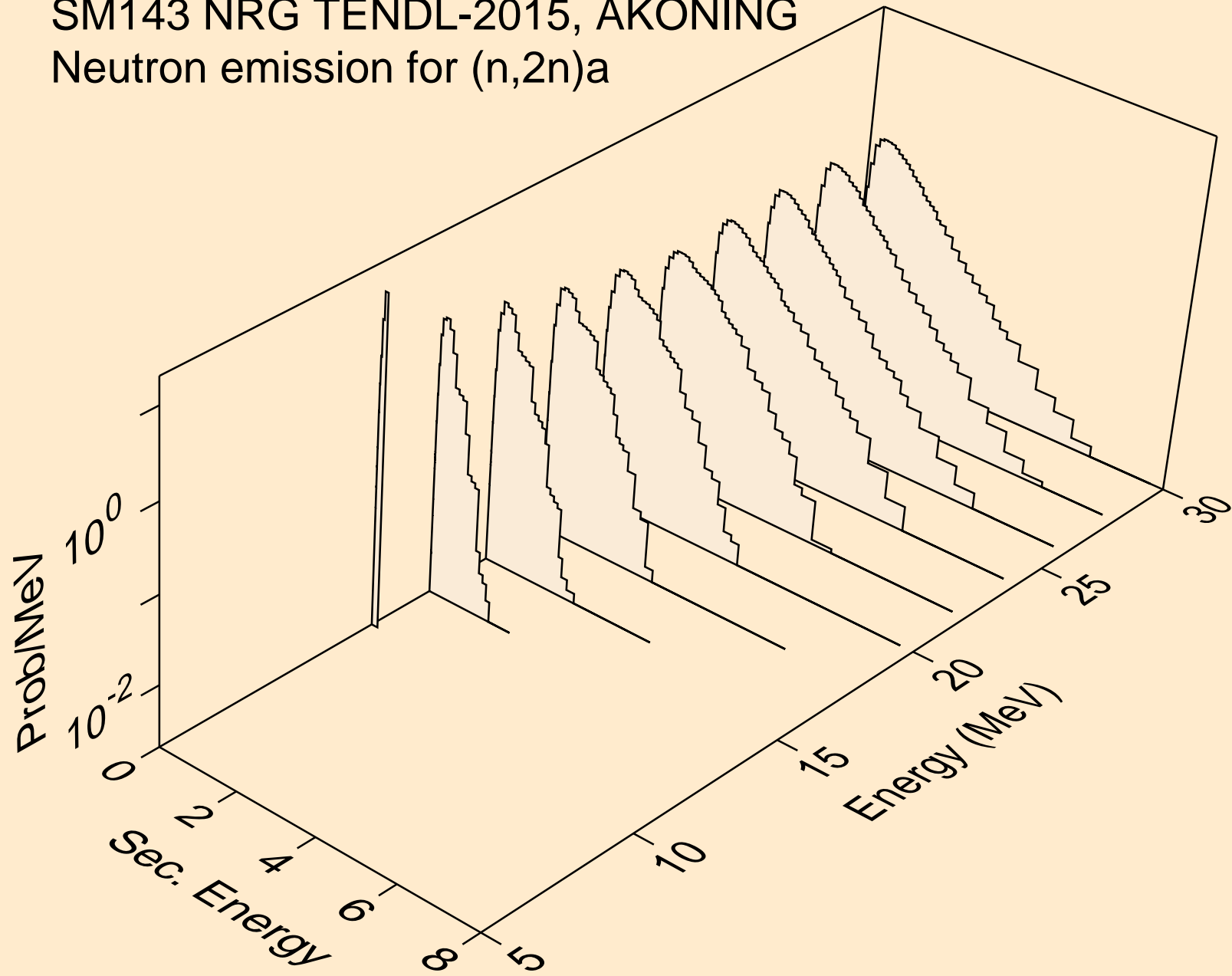
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



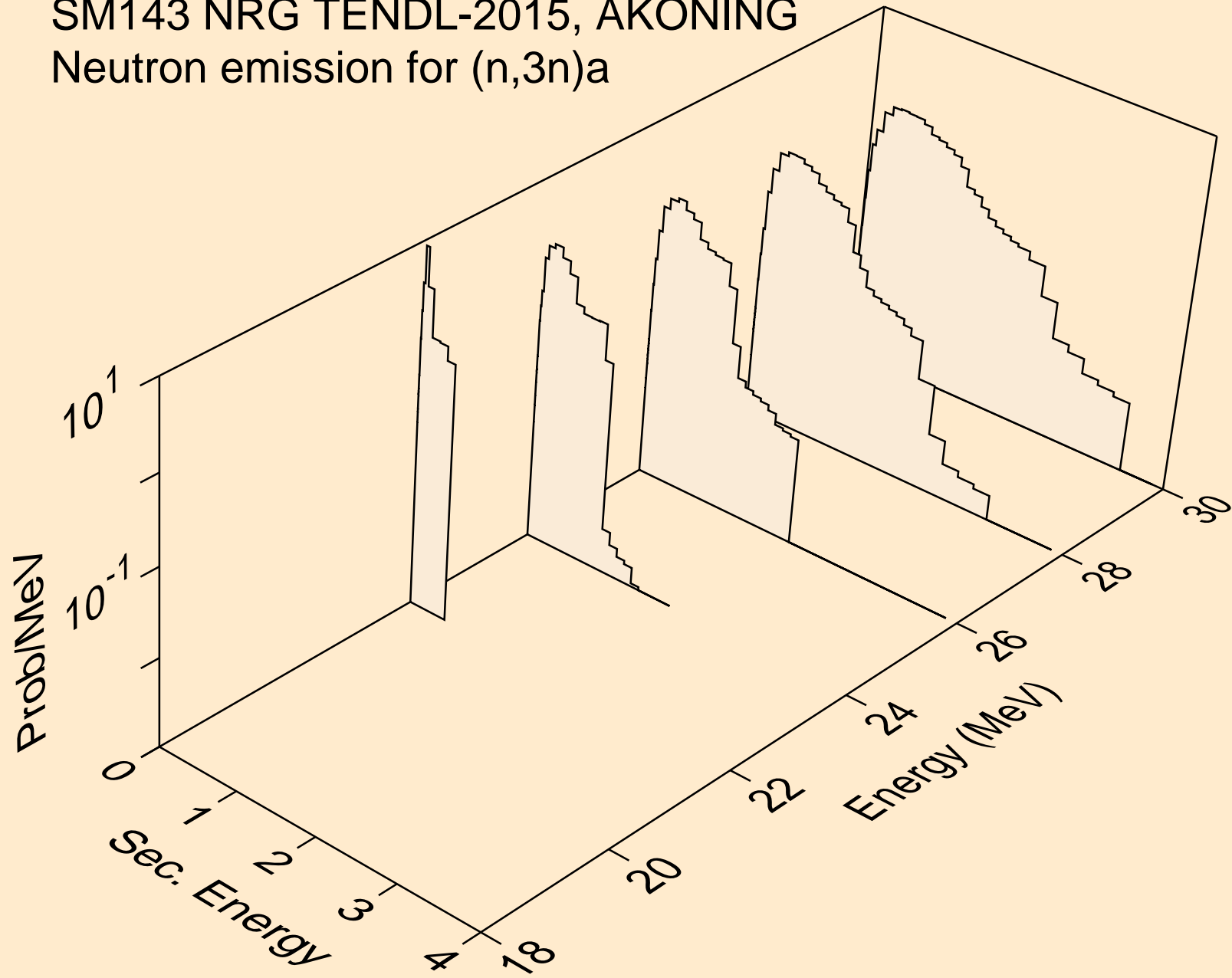
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



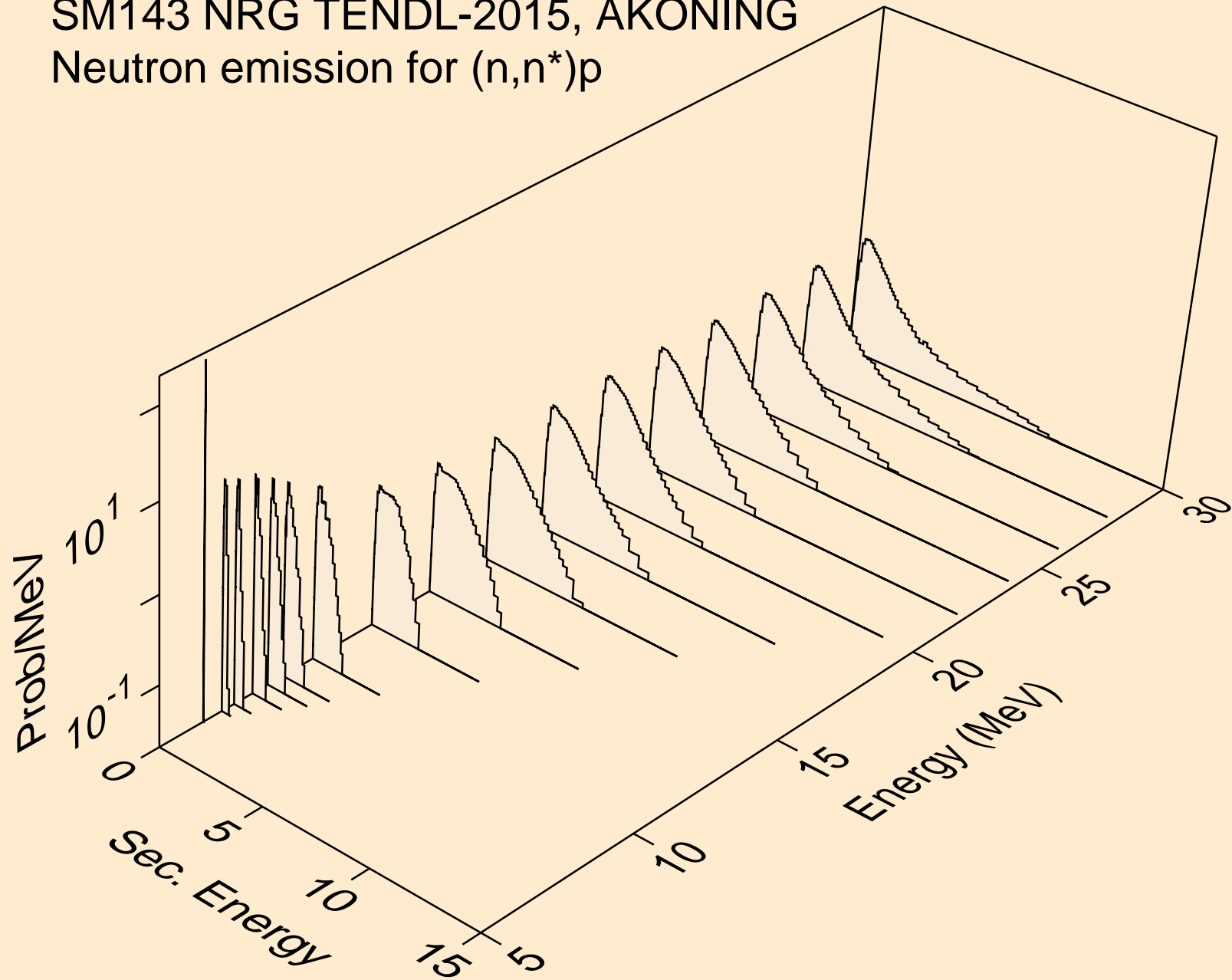
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



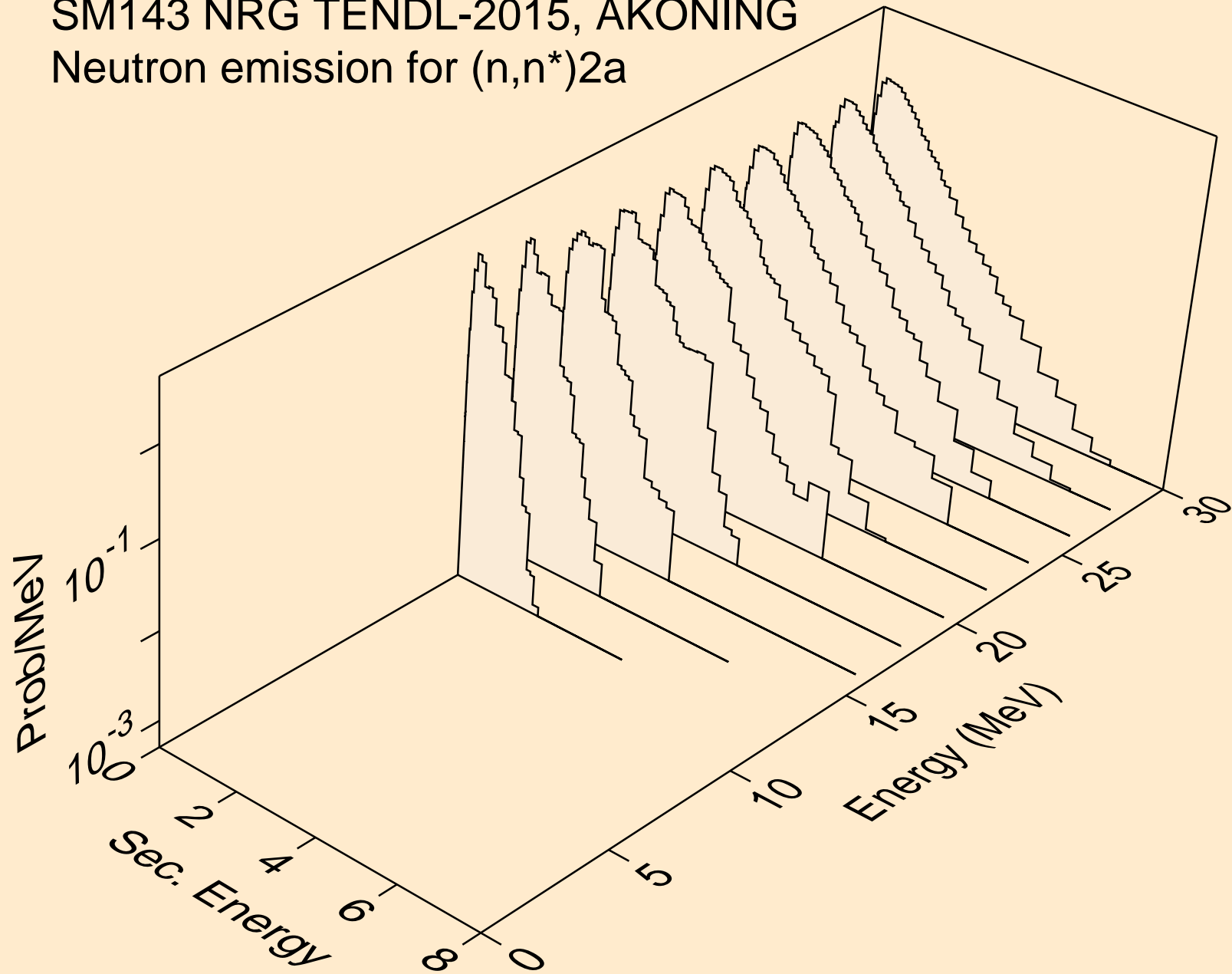
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

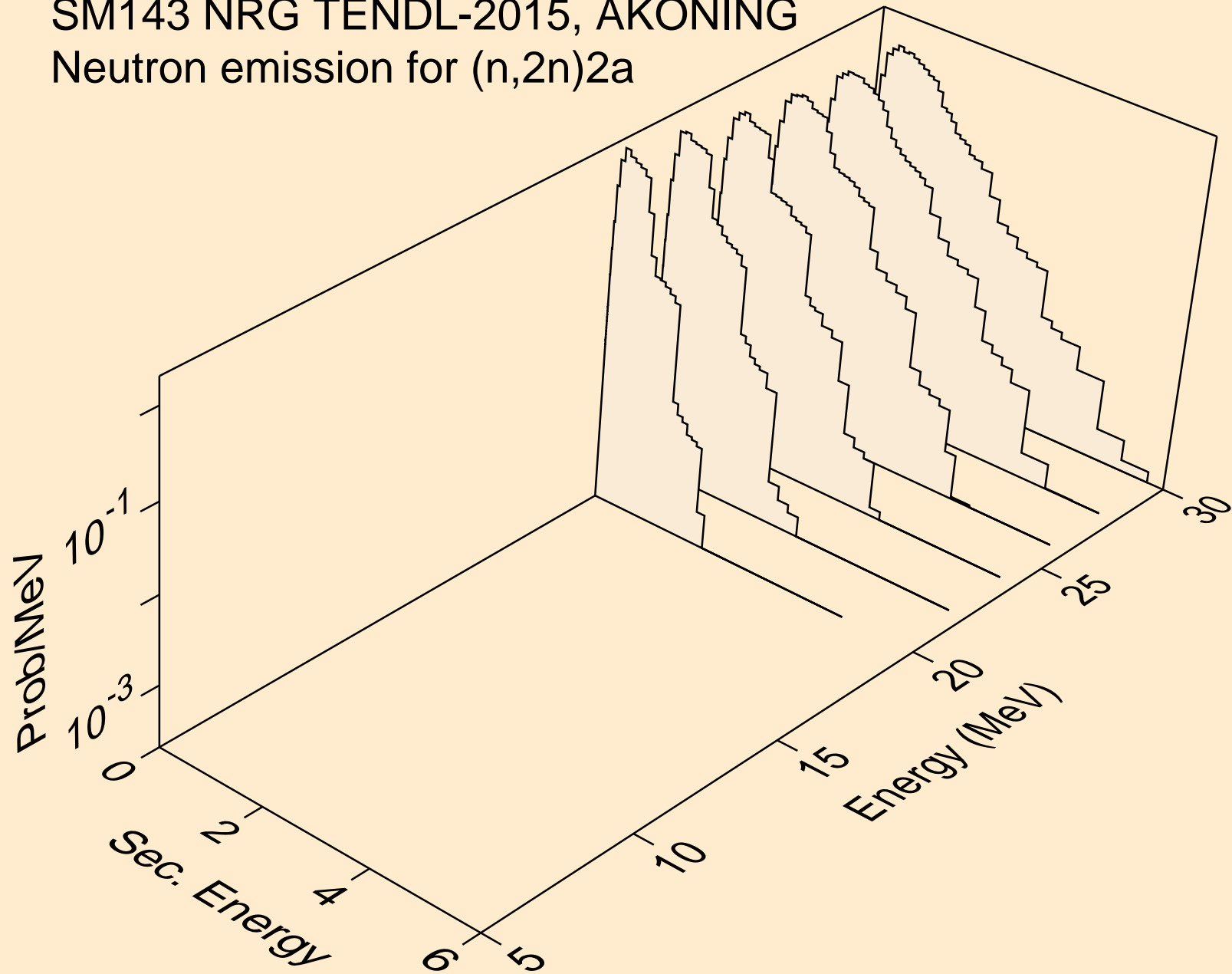


SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

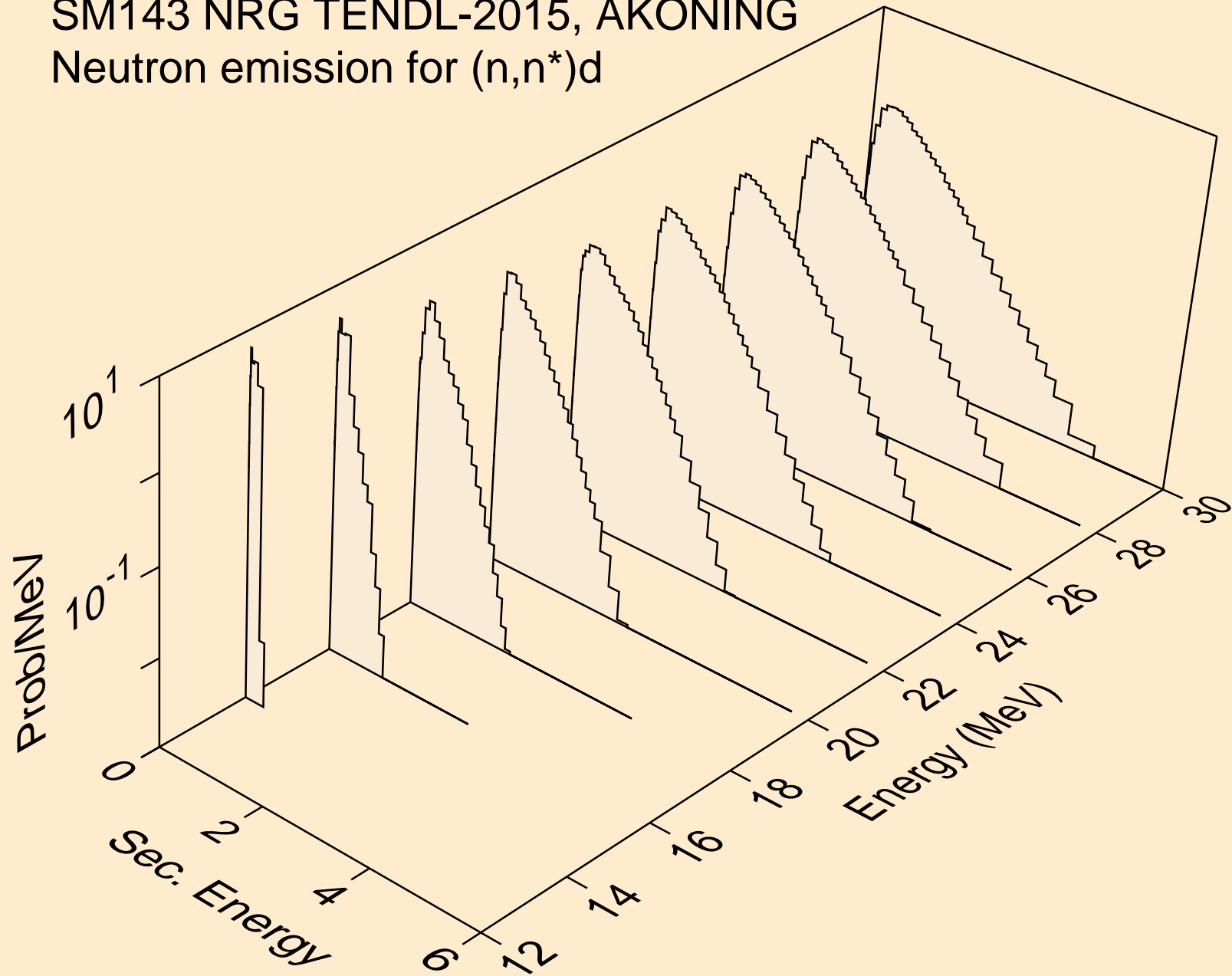




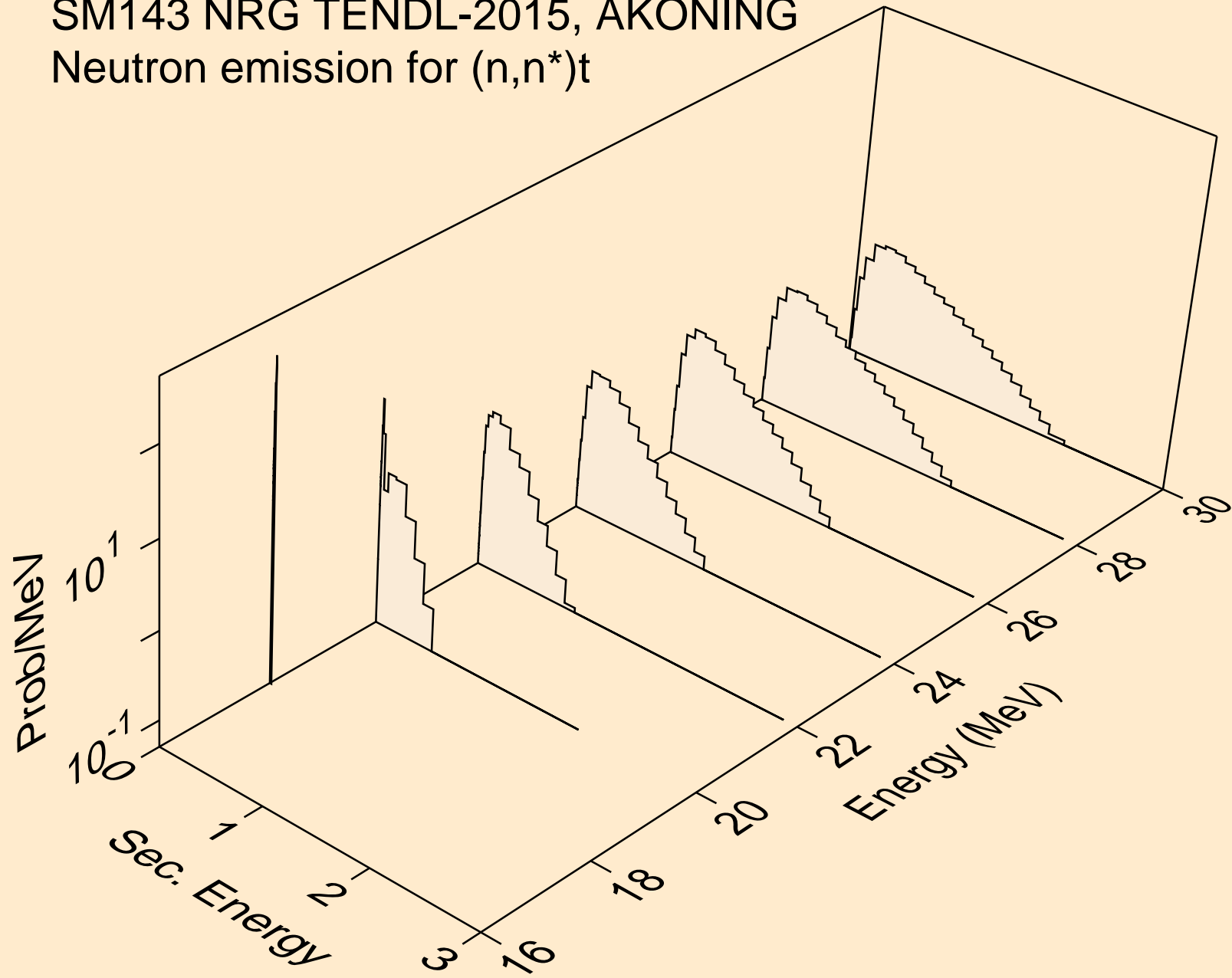
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



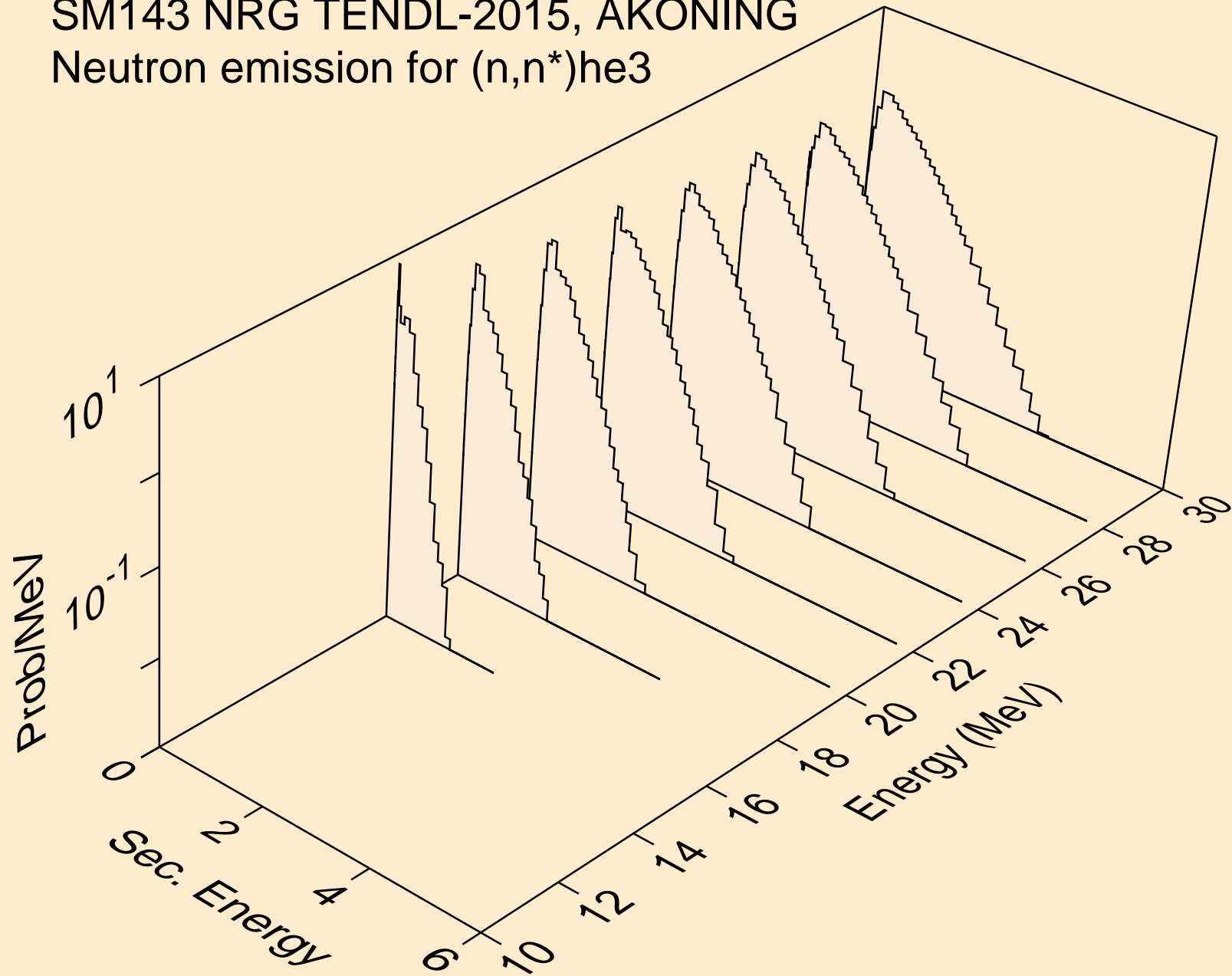
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



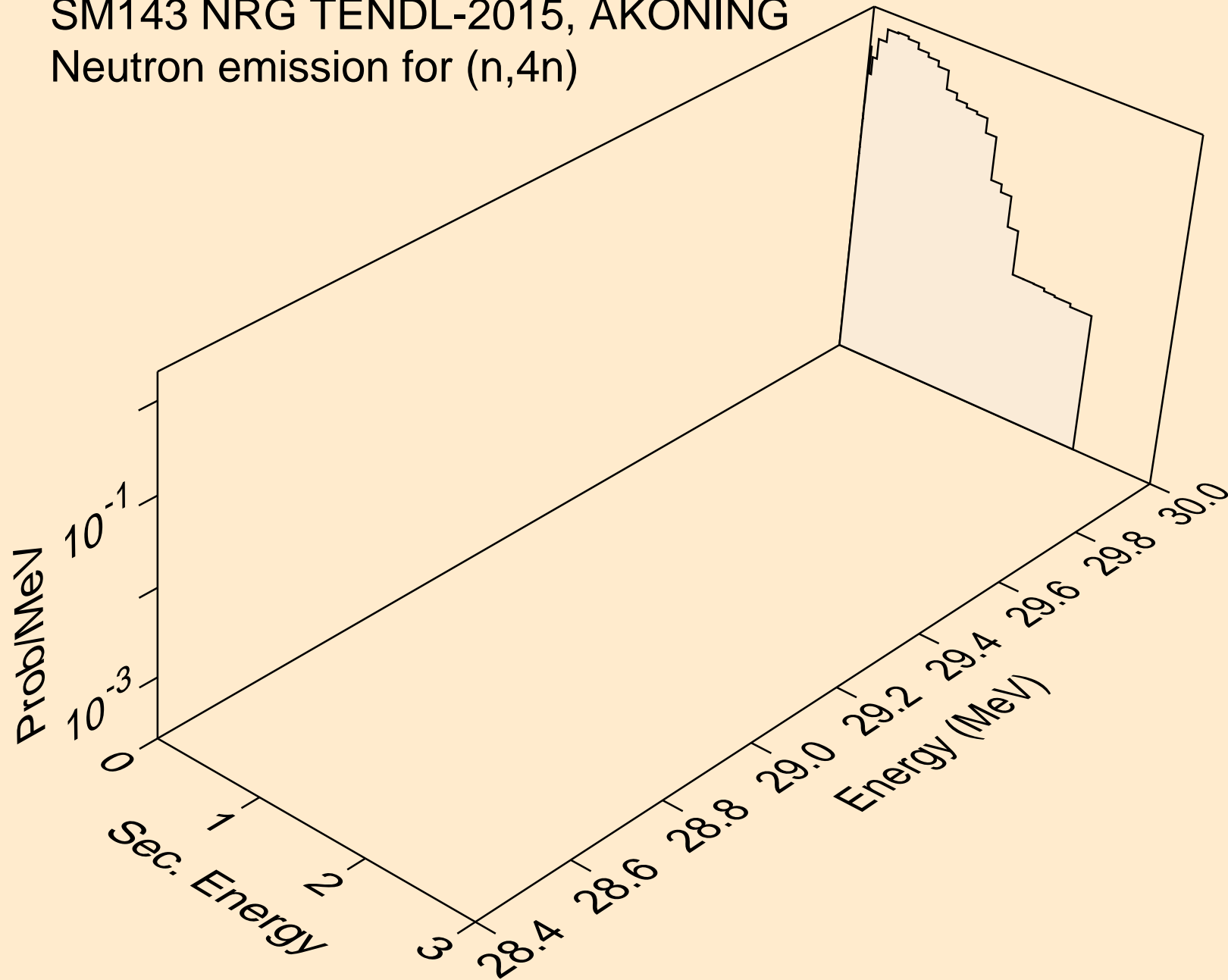
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



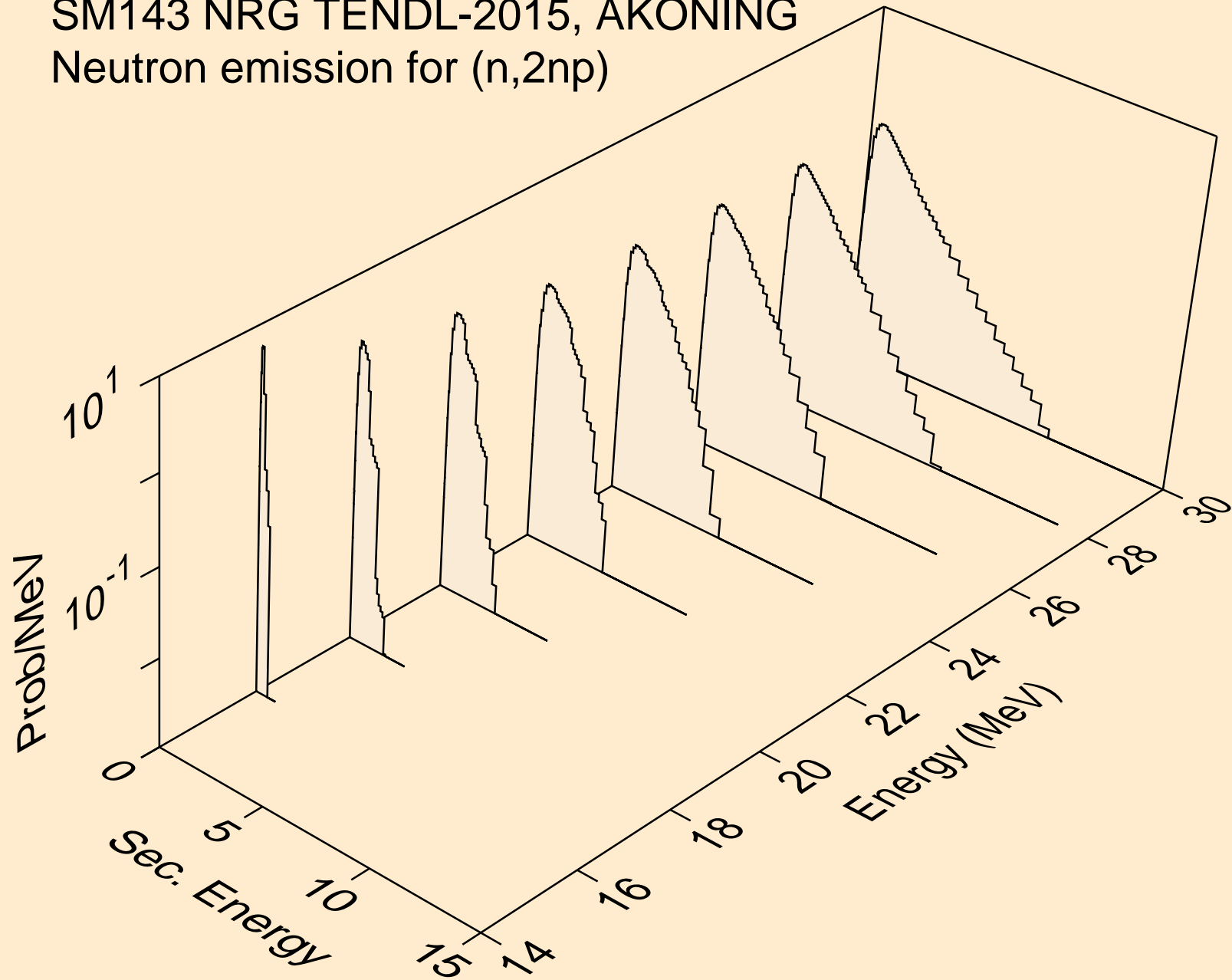
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



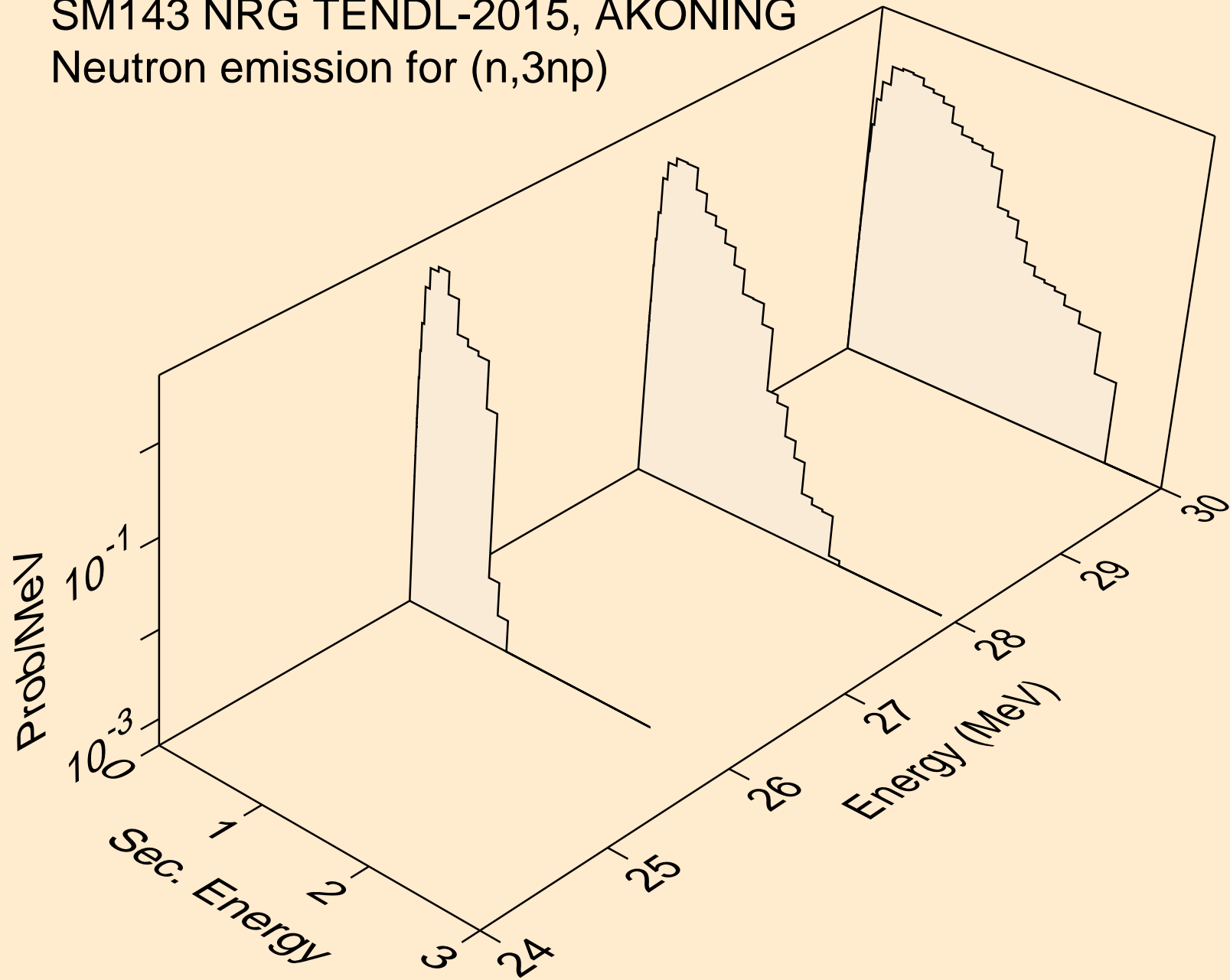
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



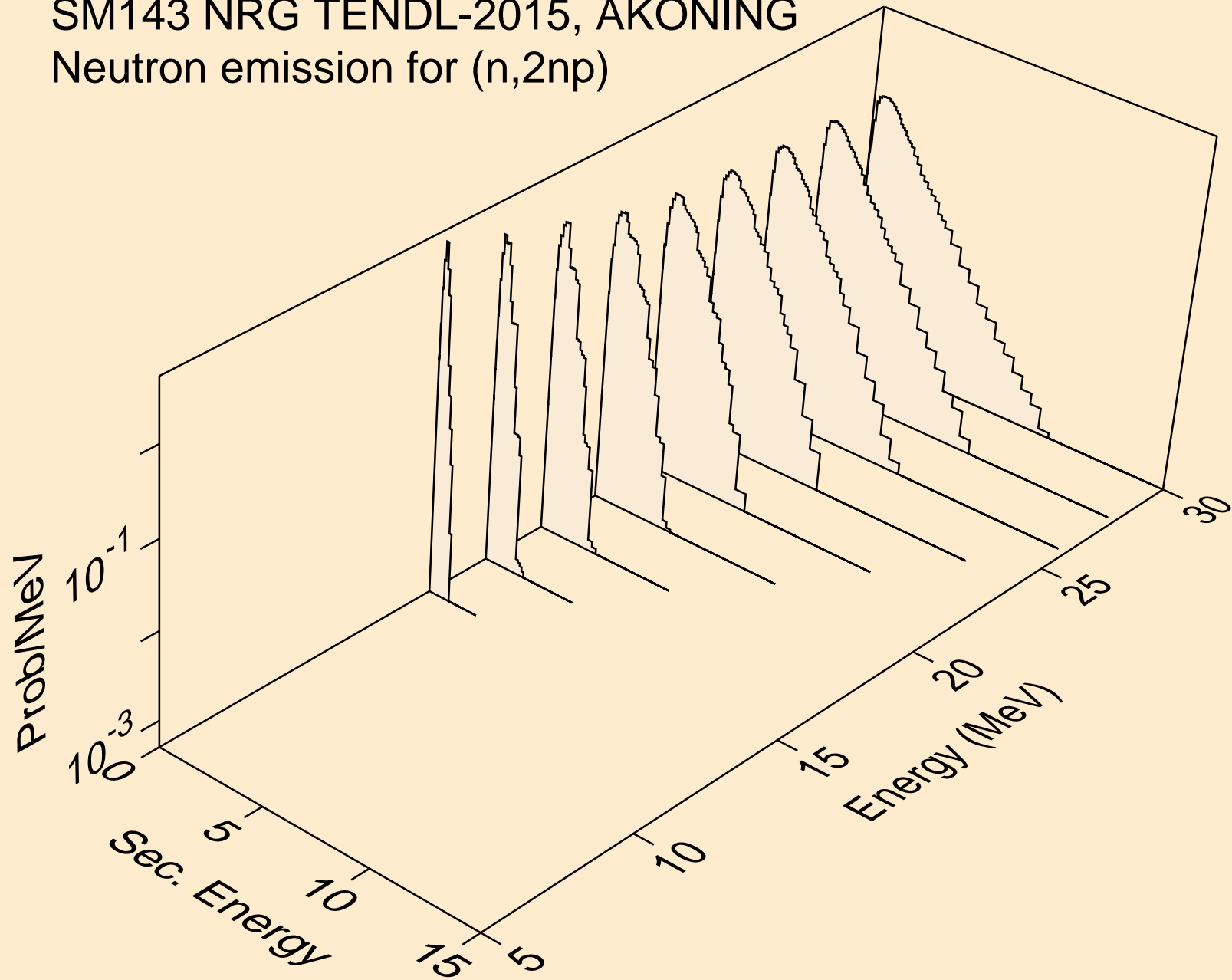
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

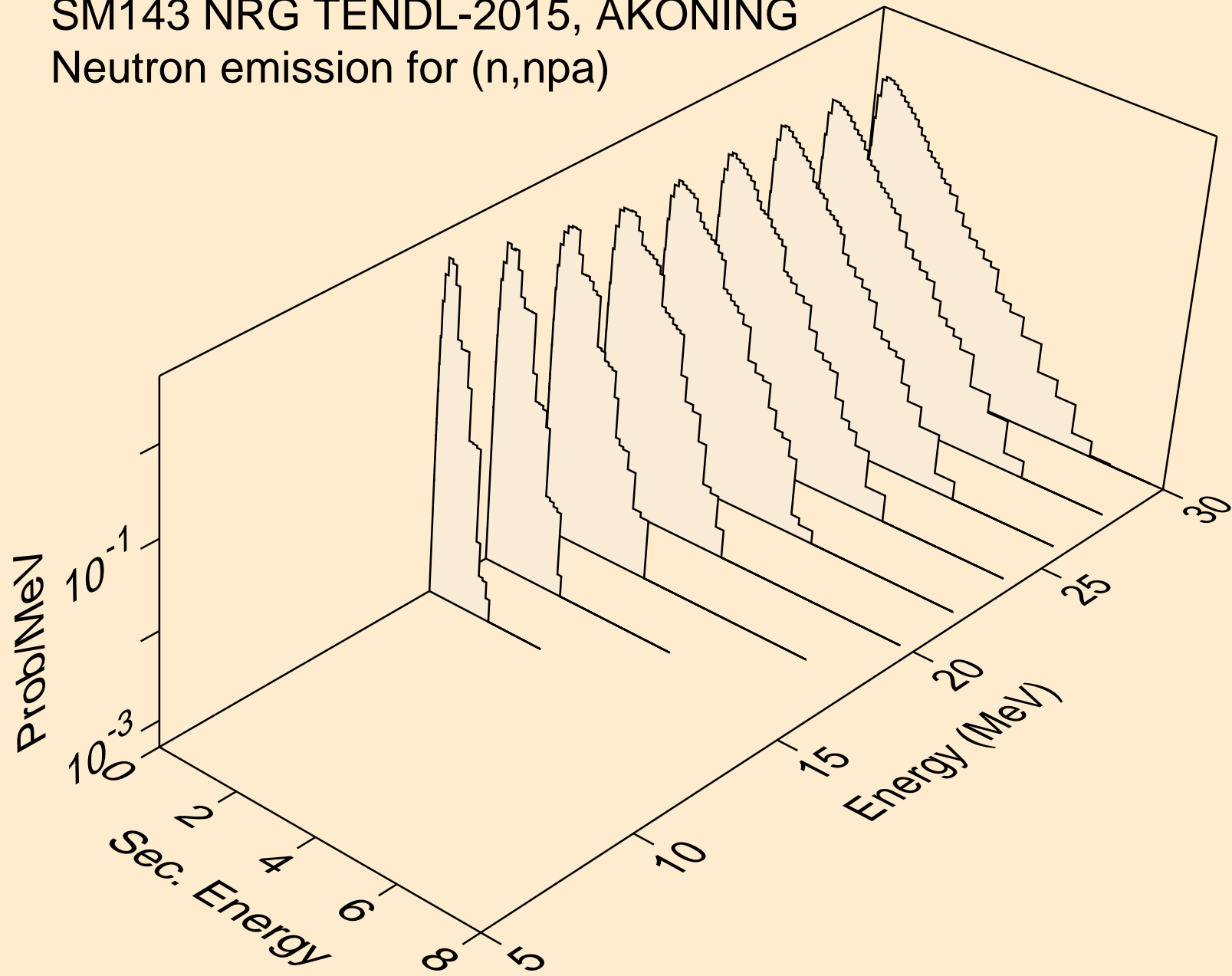


SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

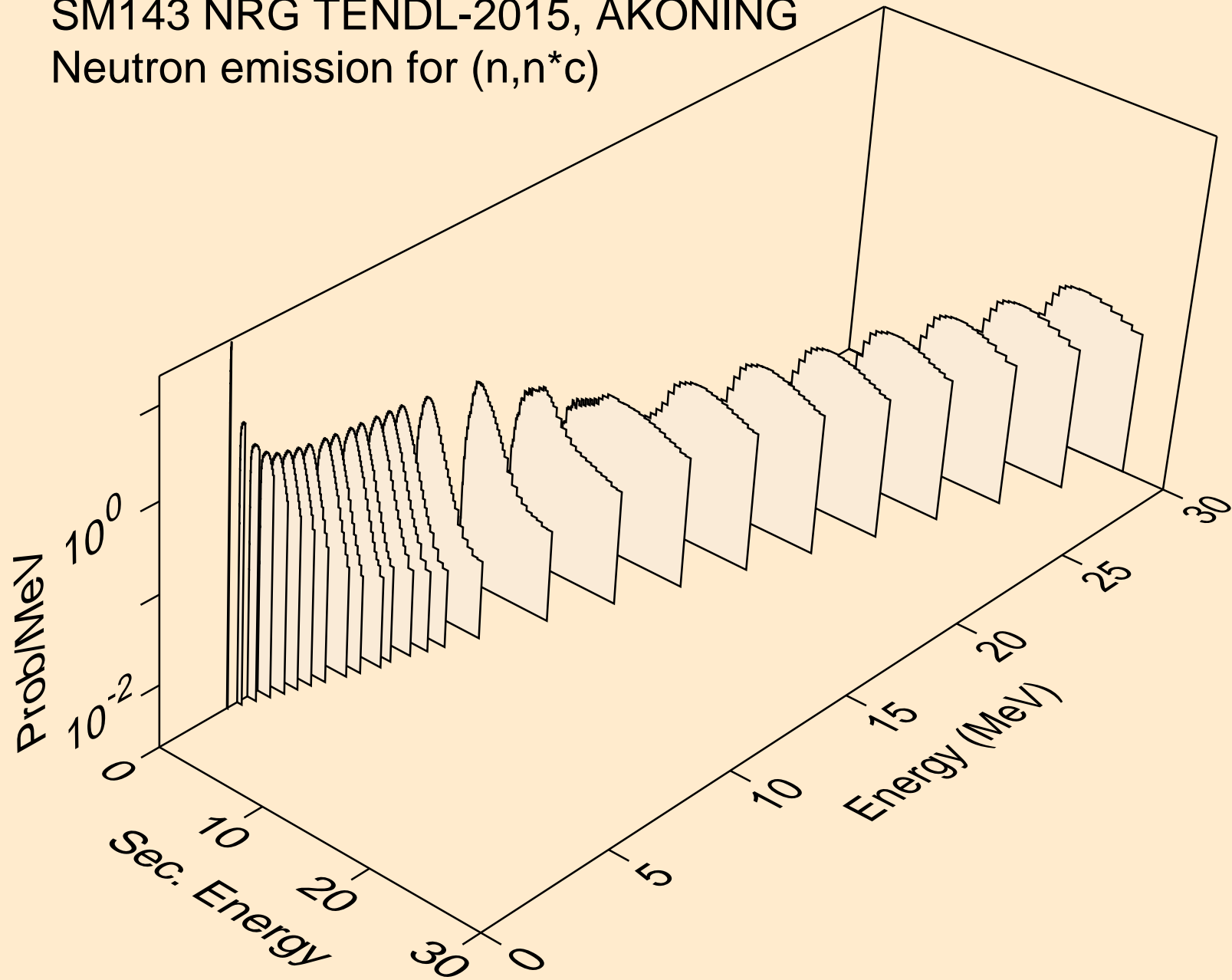




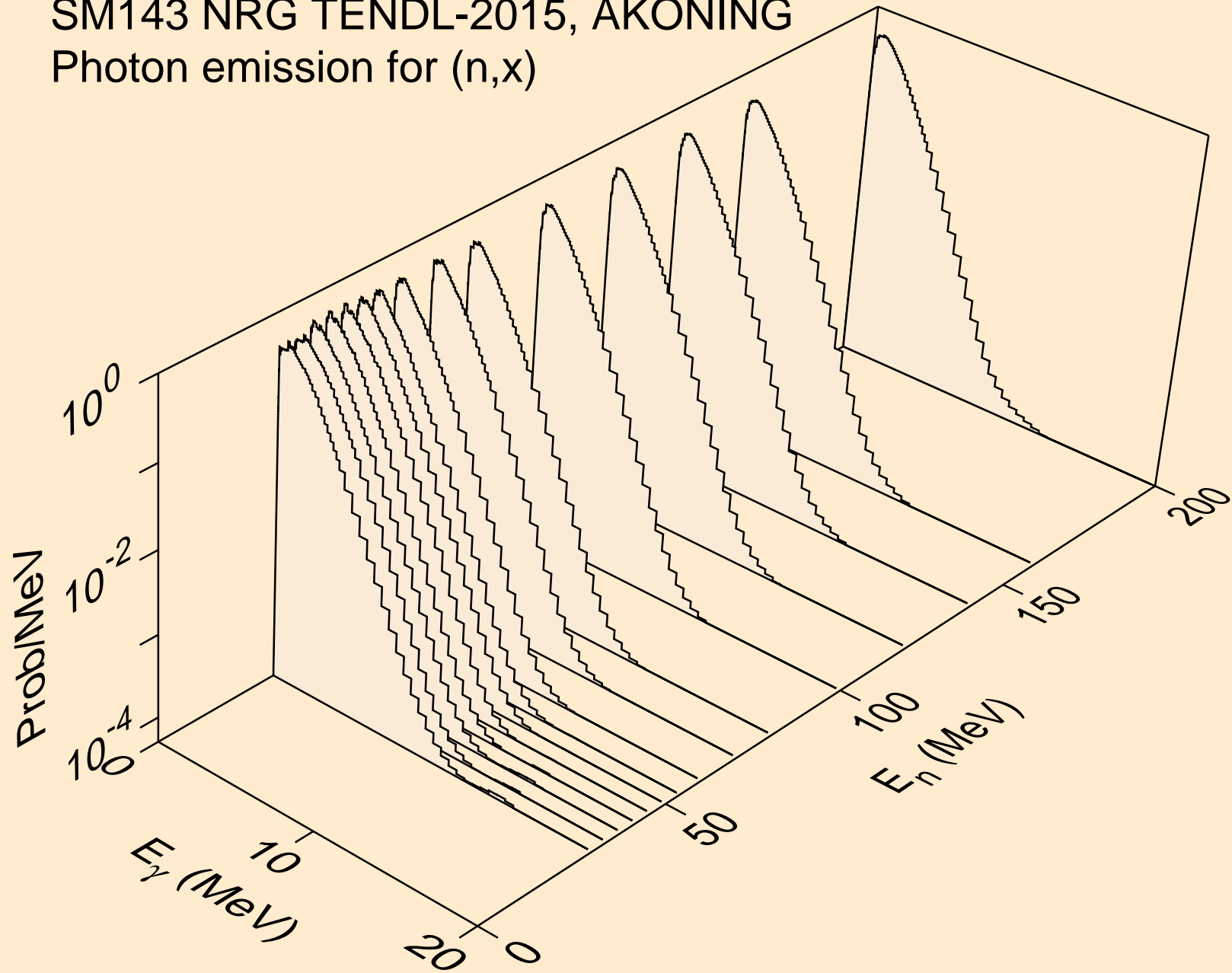
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



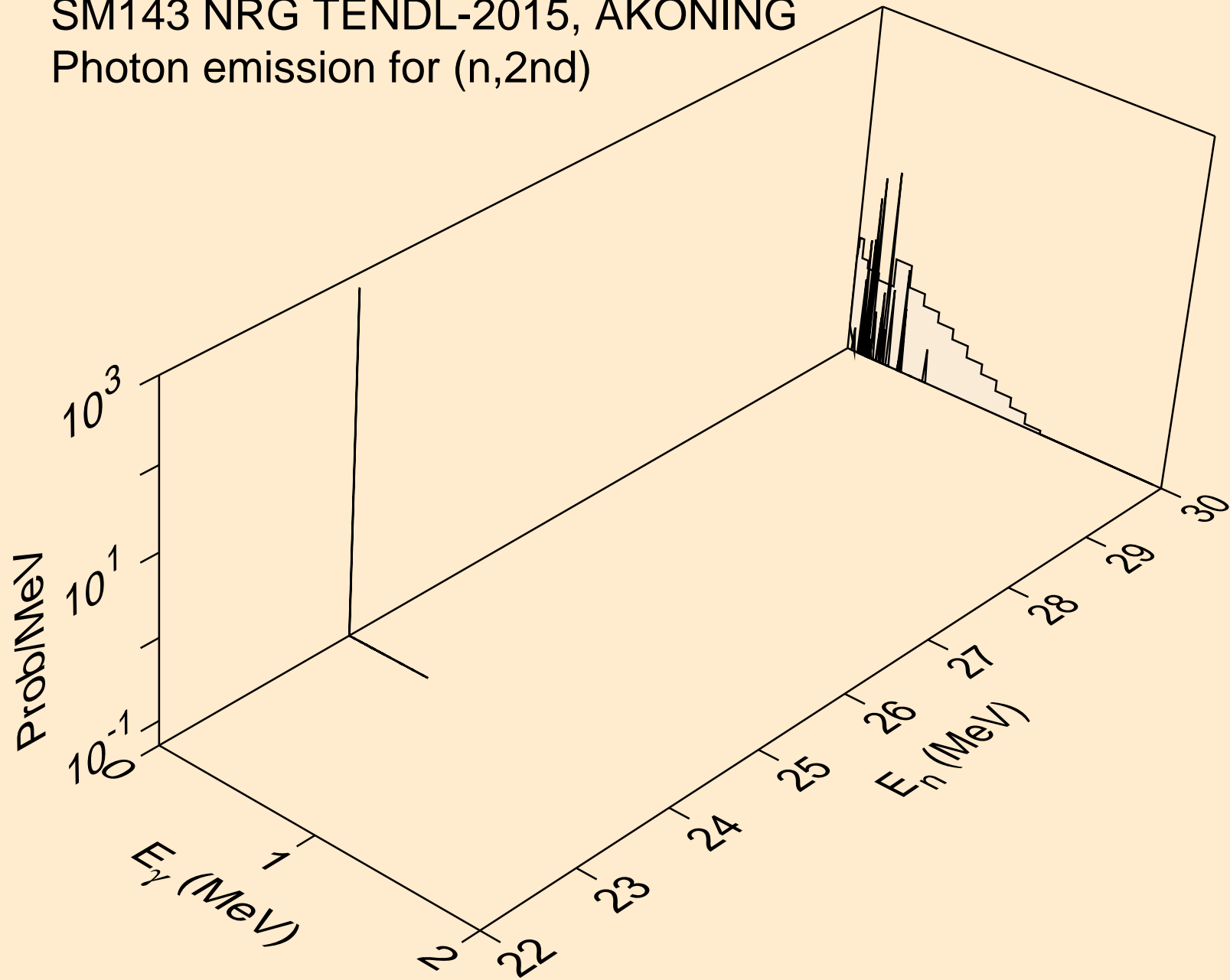
SM143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



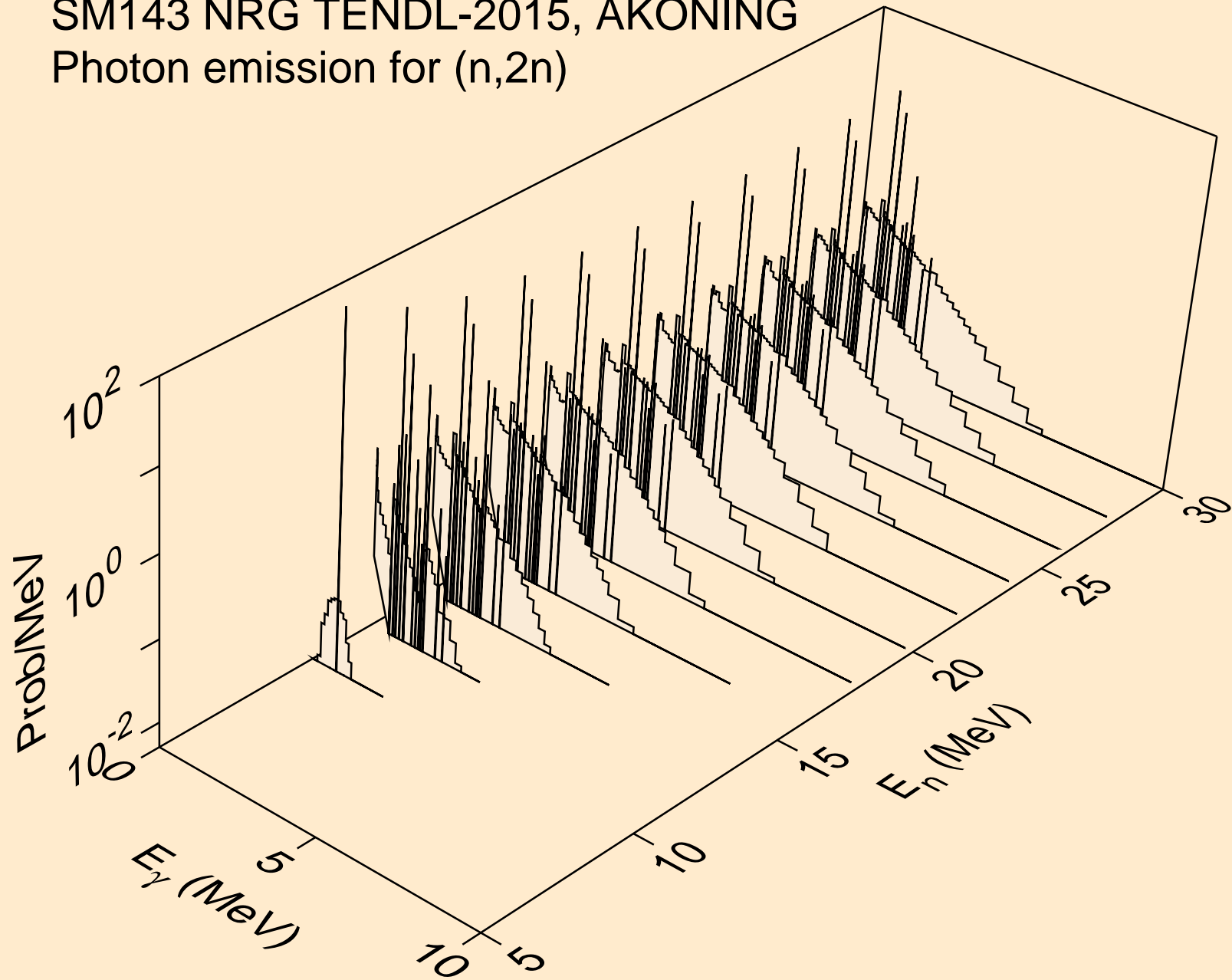
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



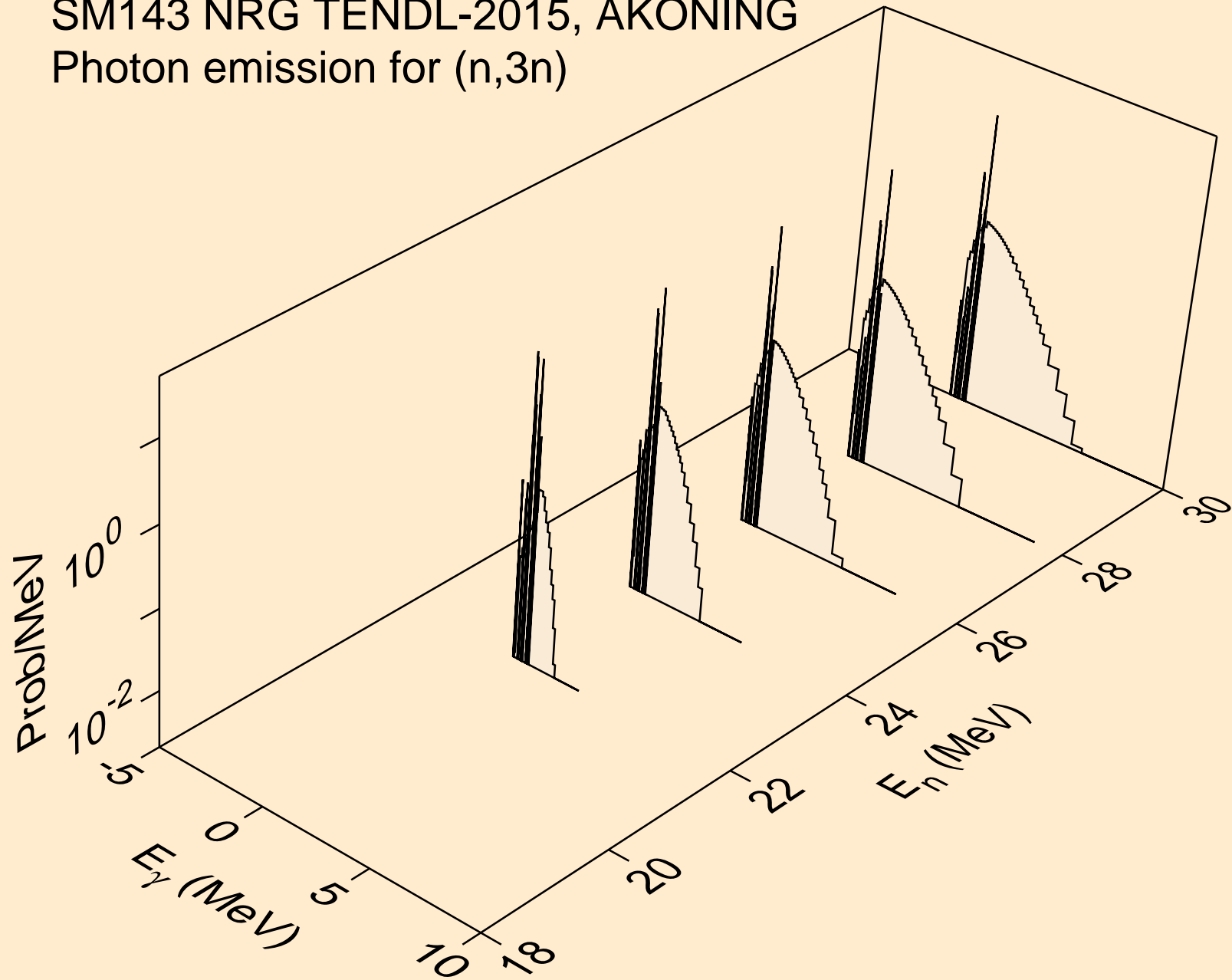
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



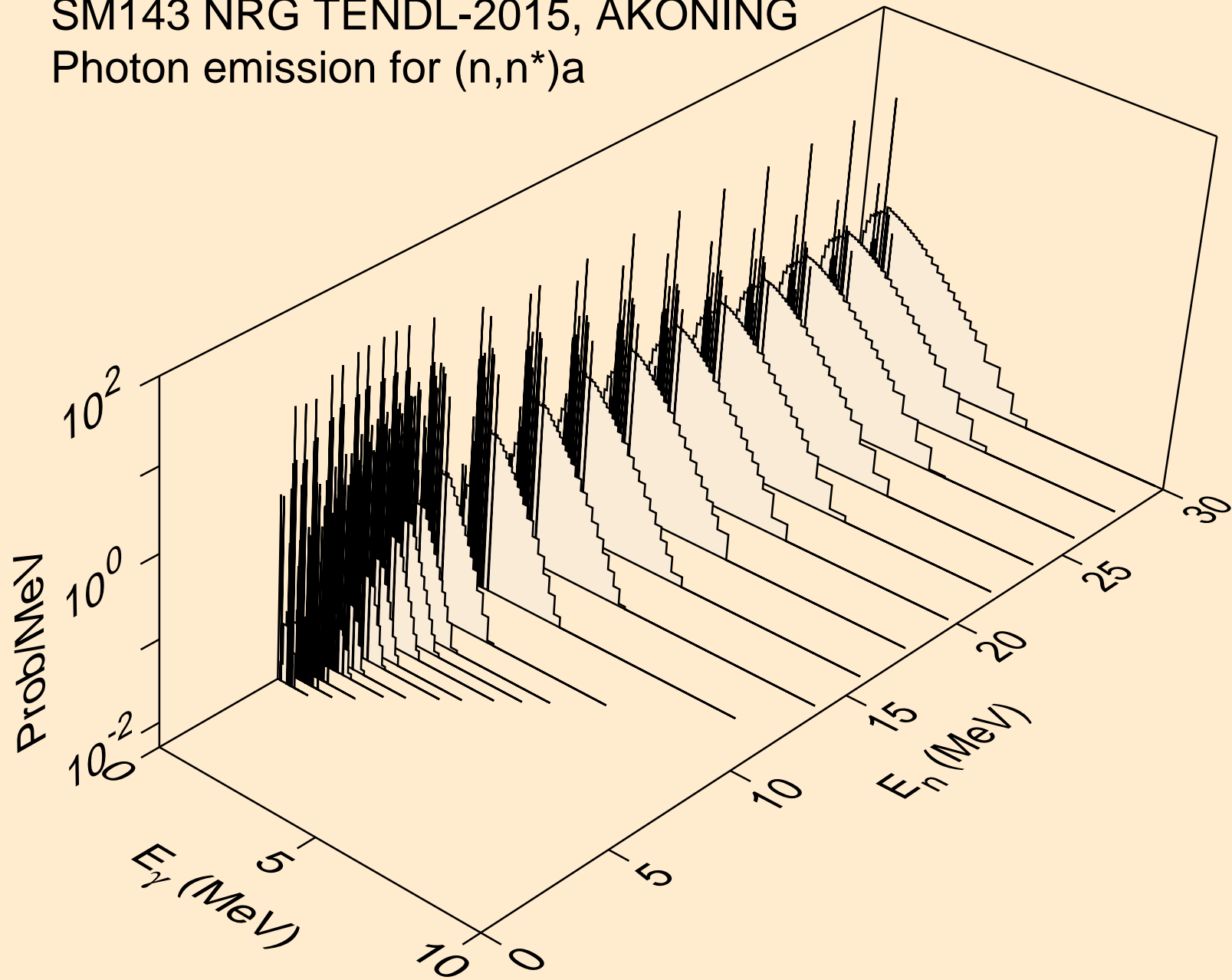
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



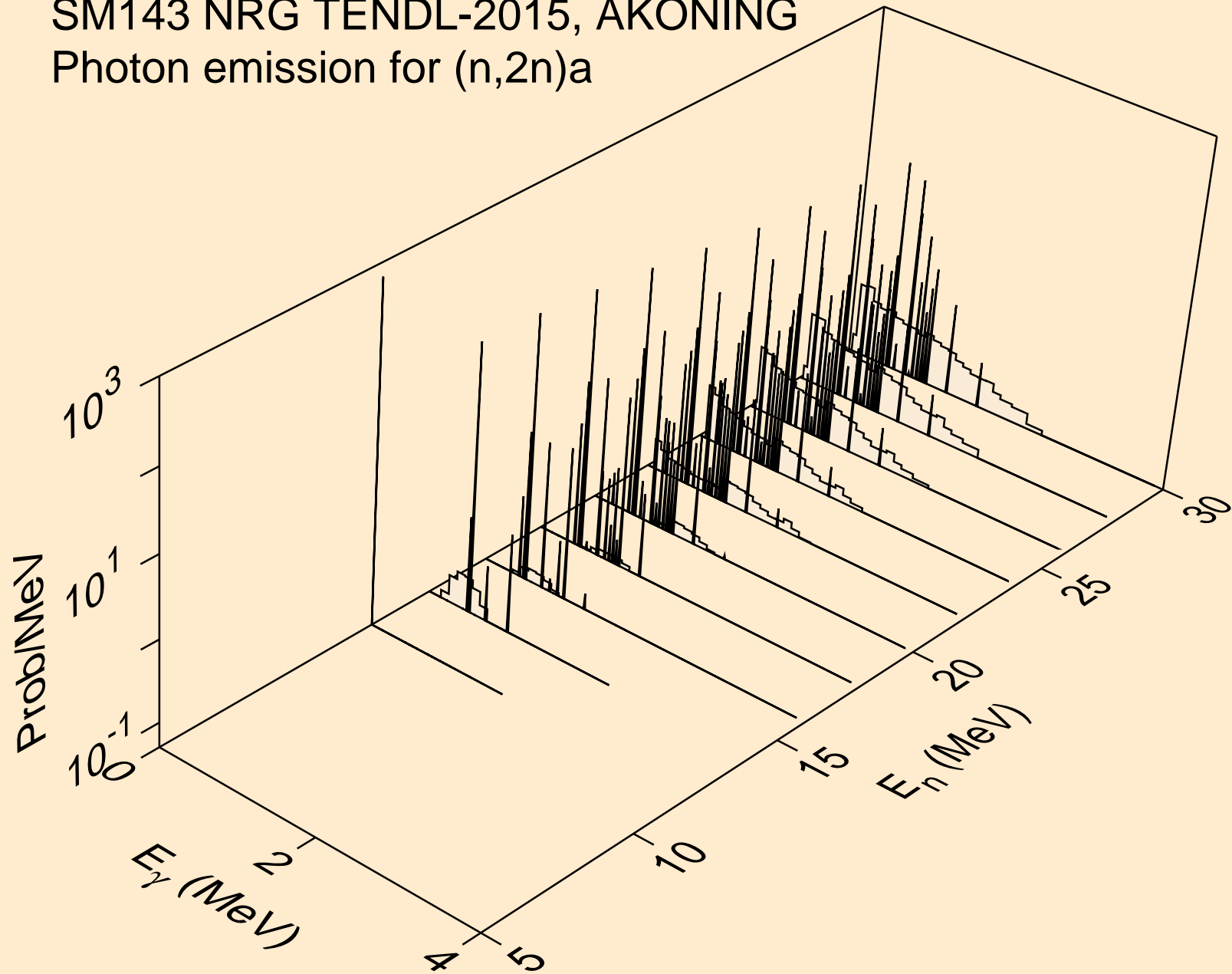
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

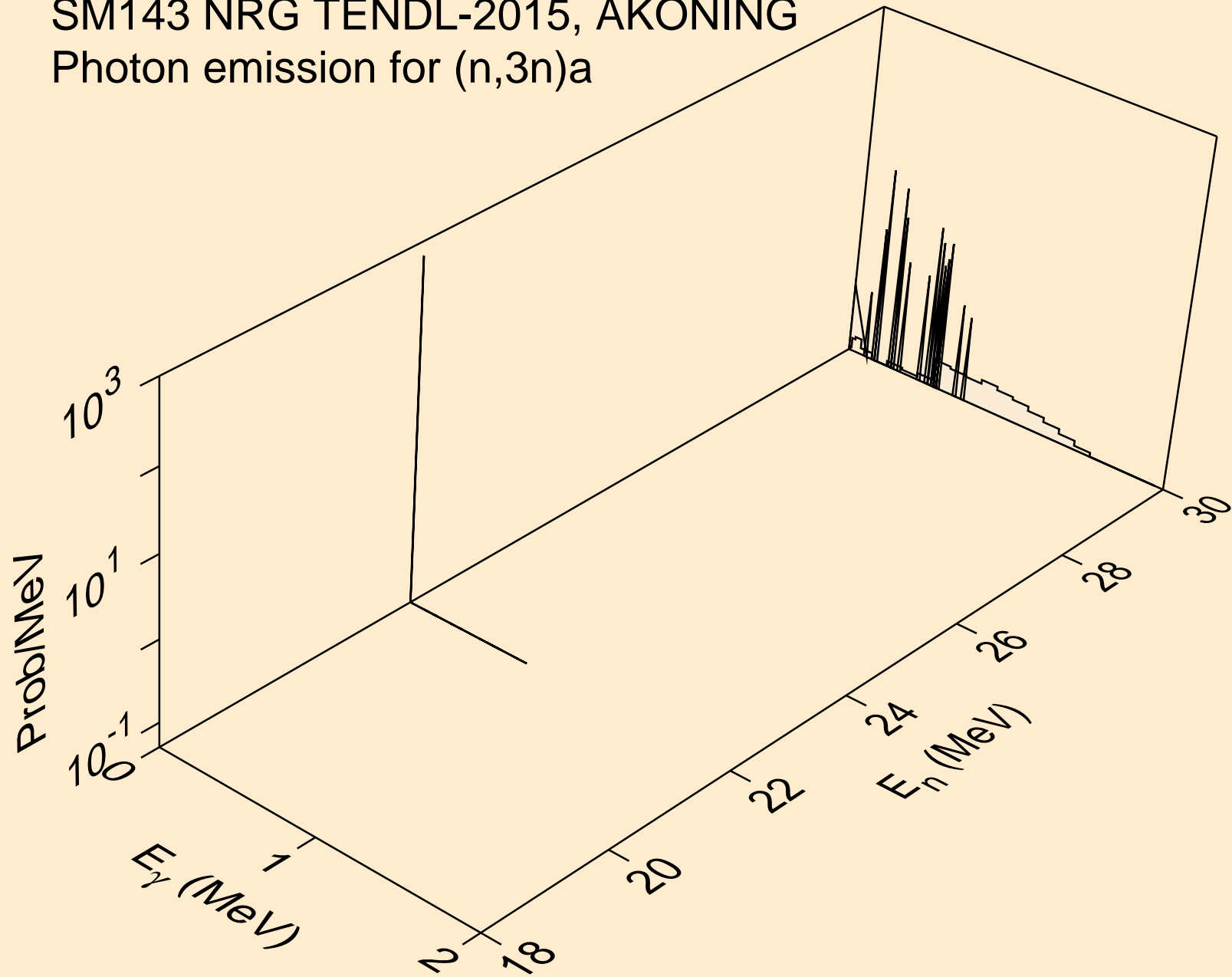


SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

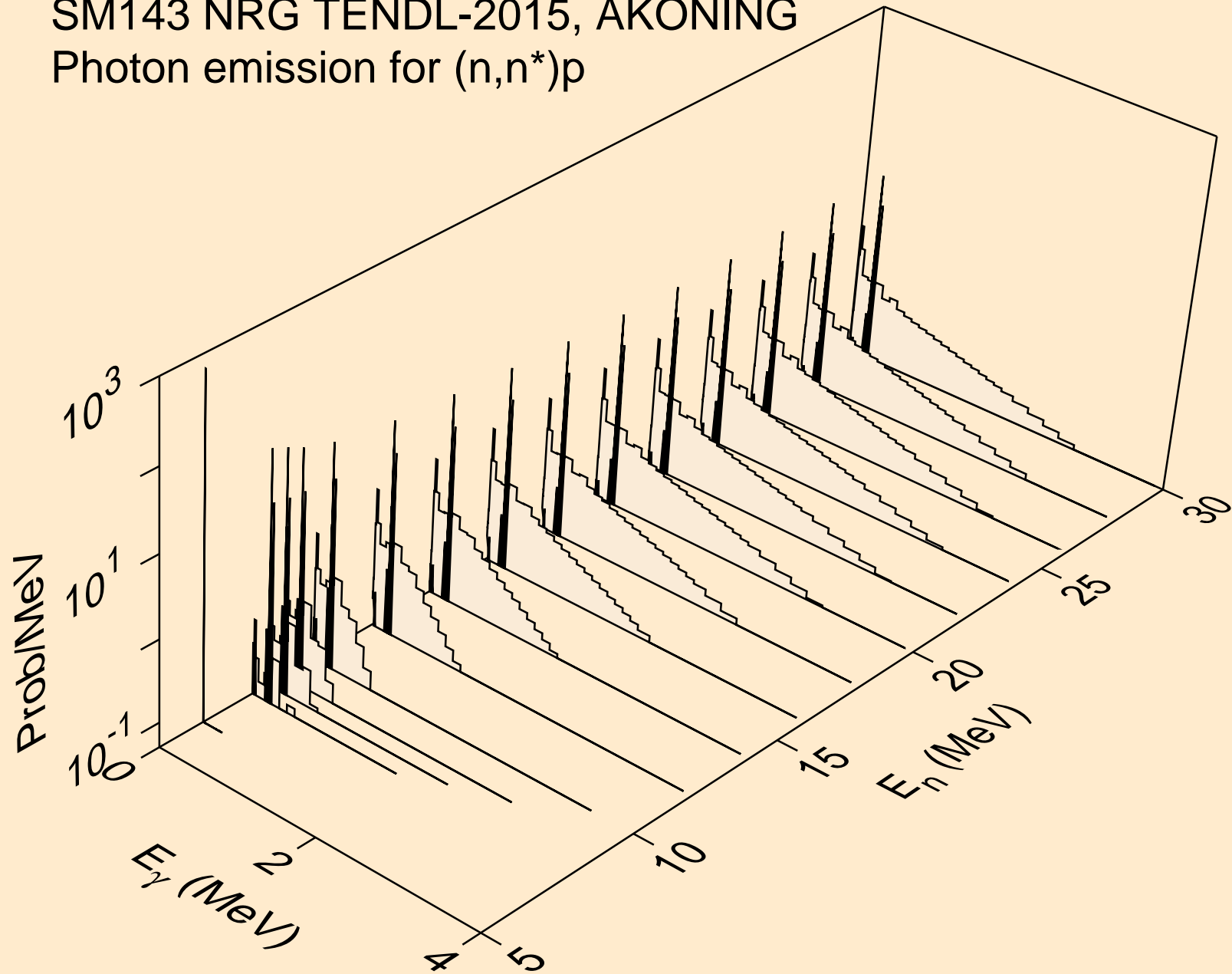




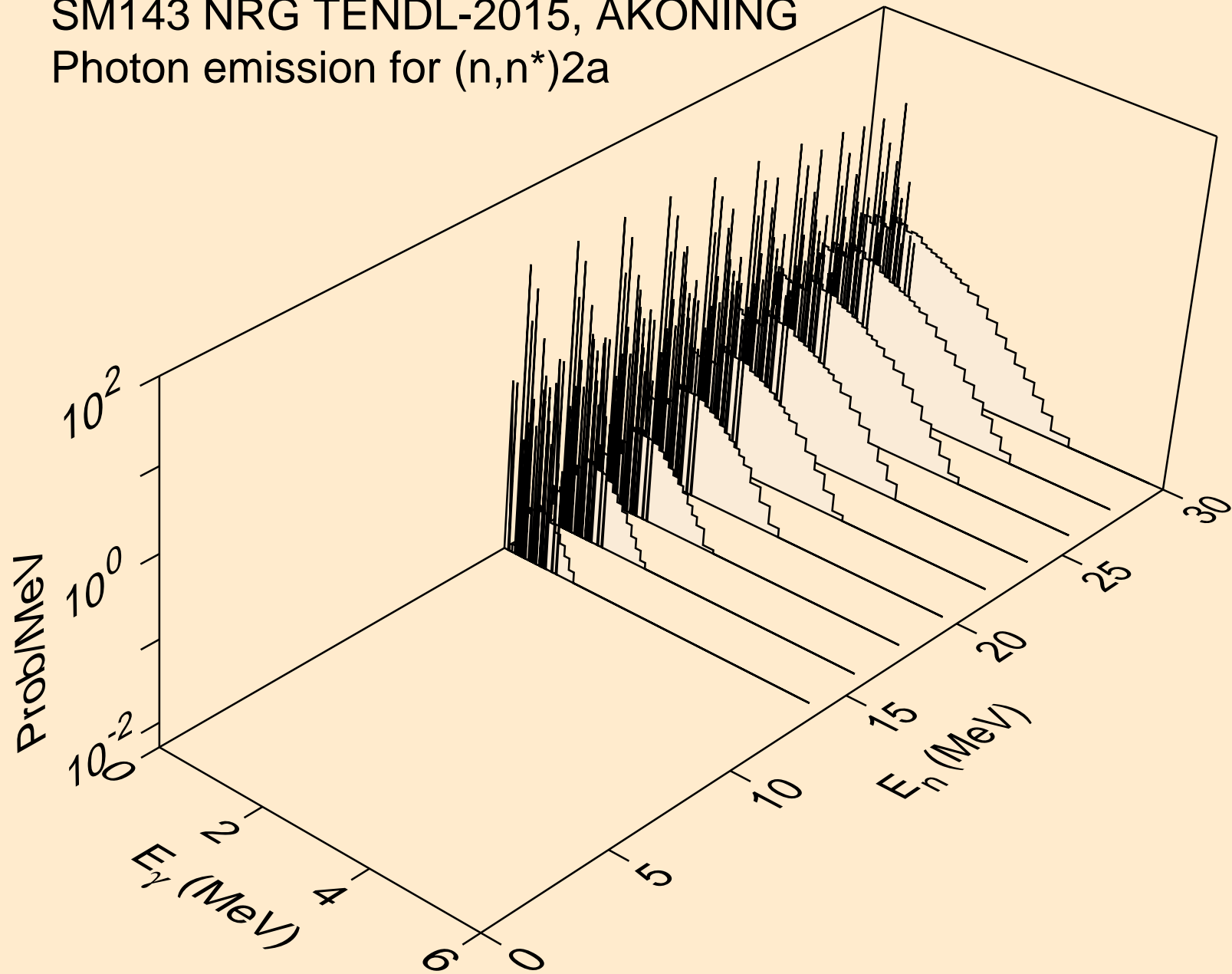
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



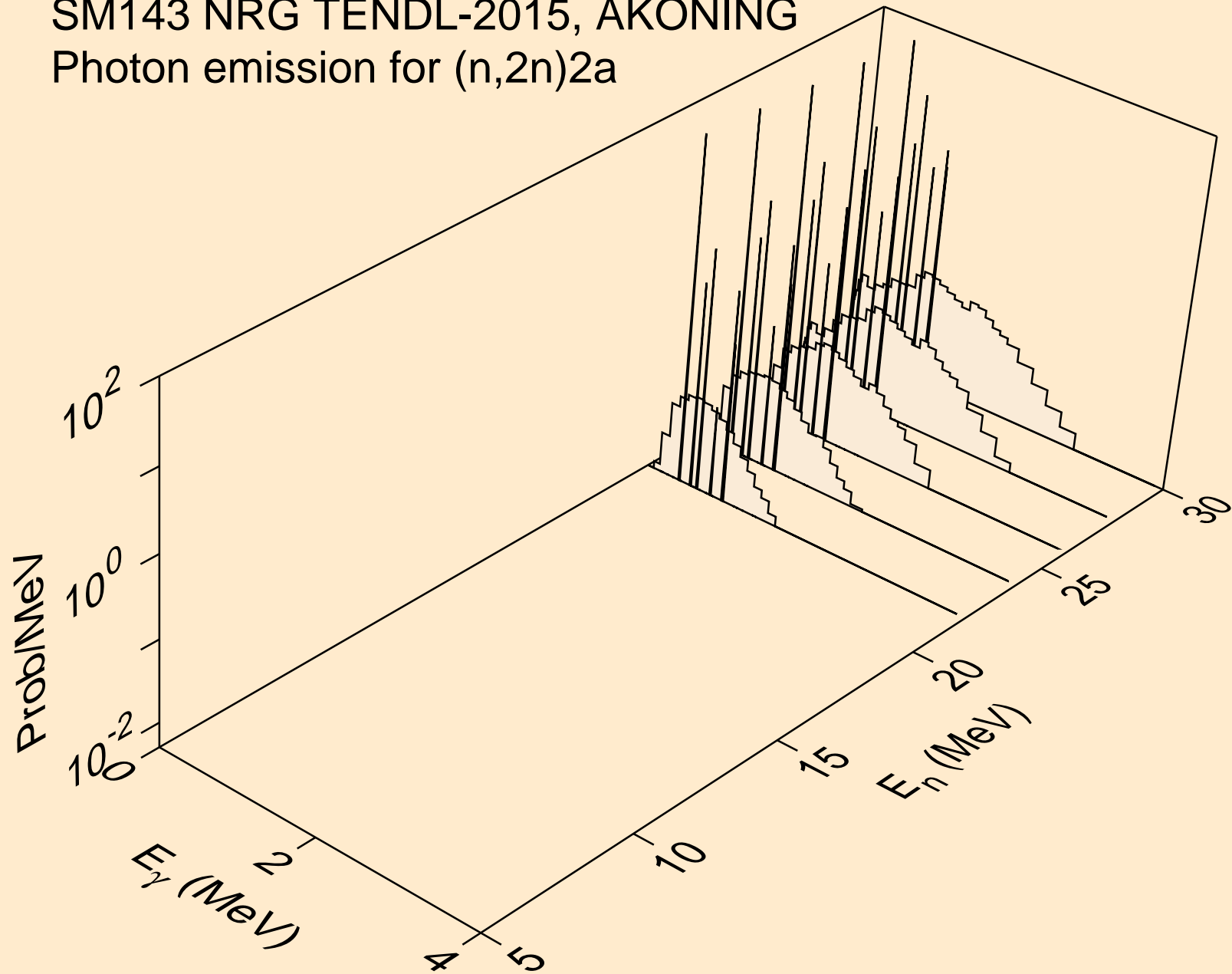
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



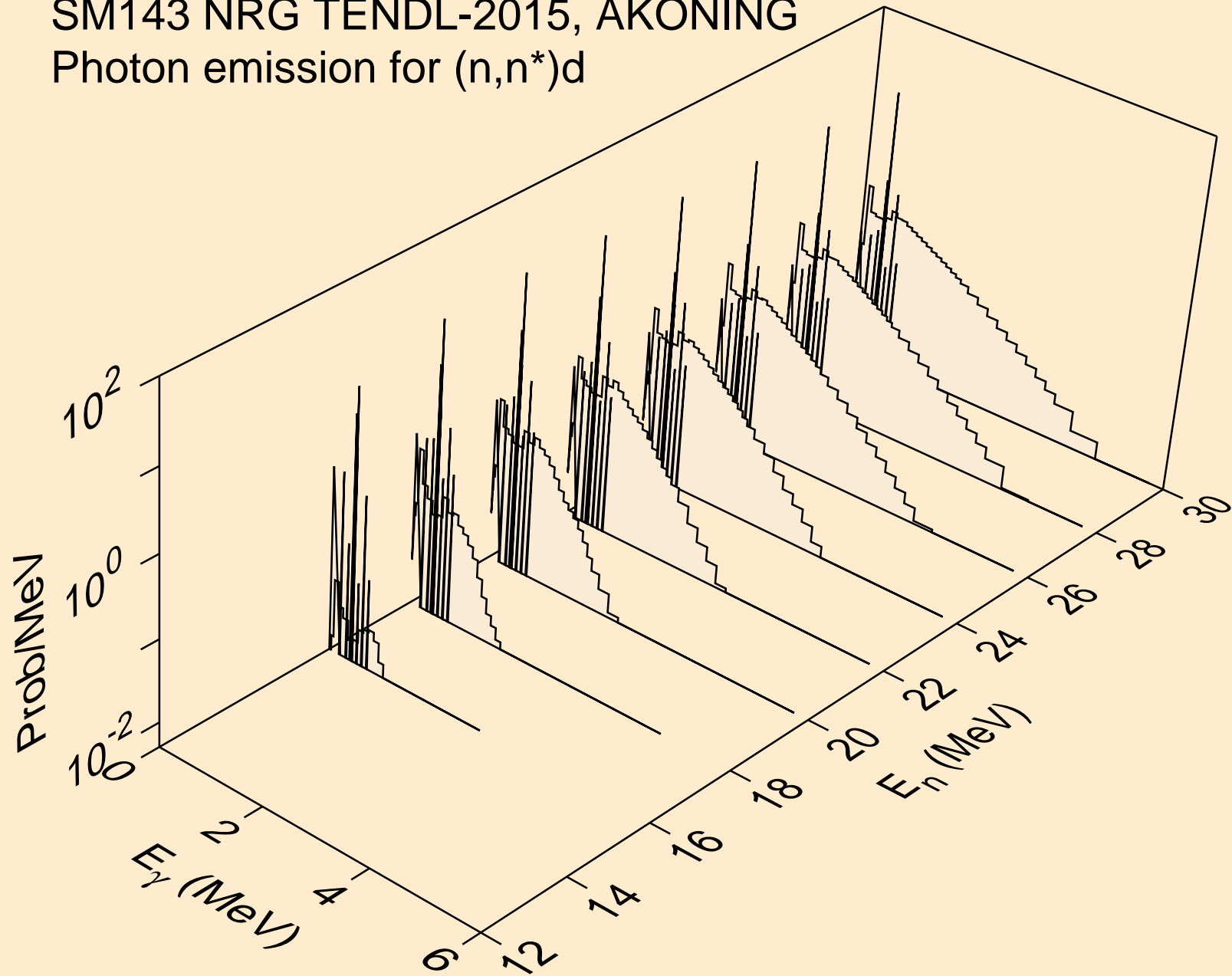
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



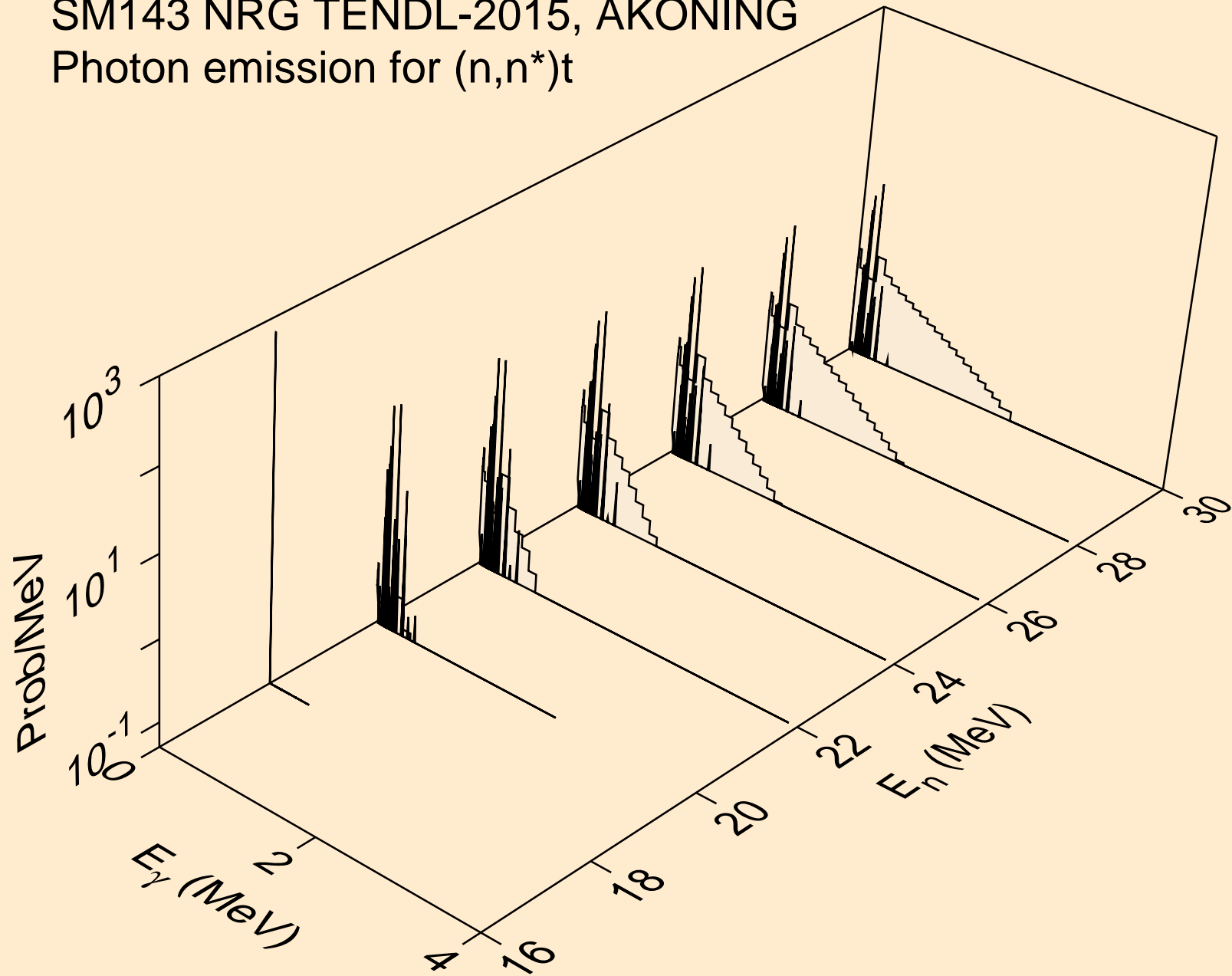
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



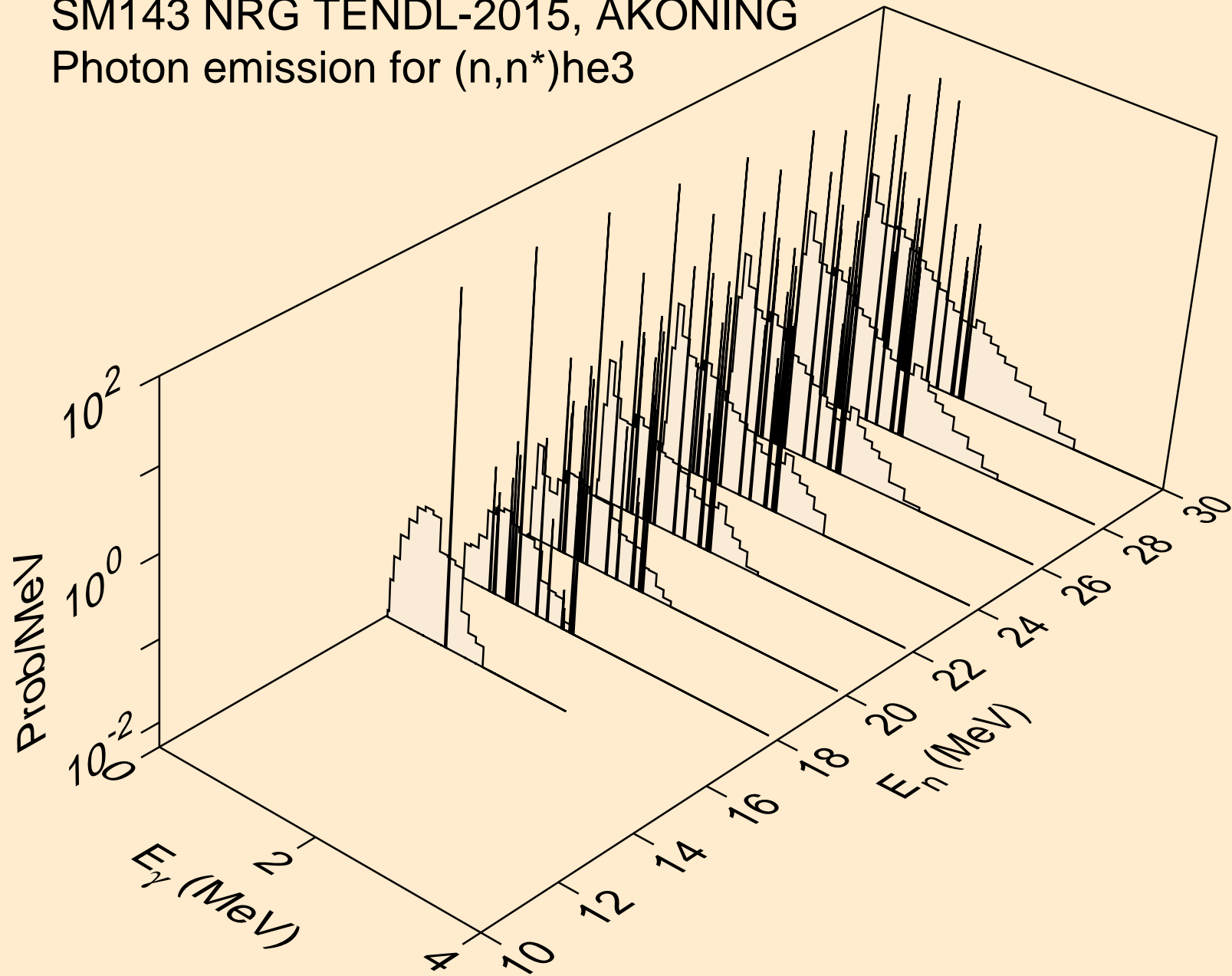
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



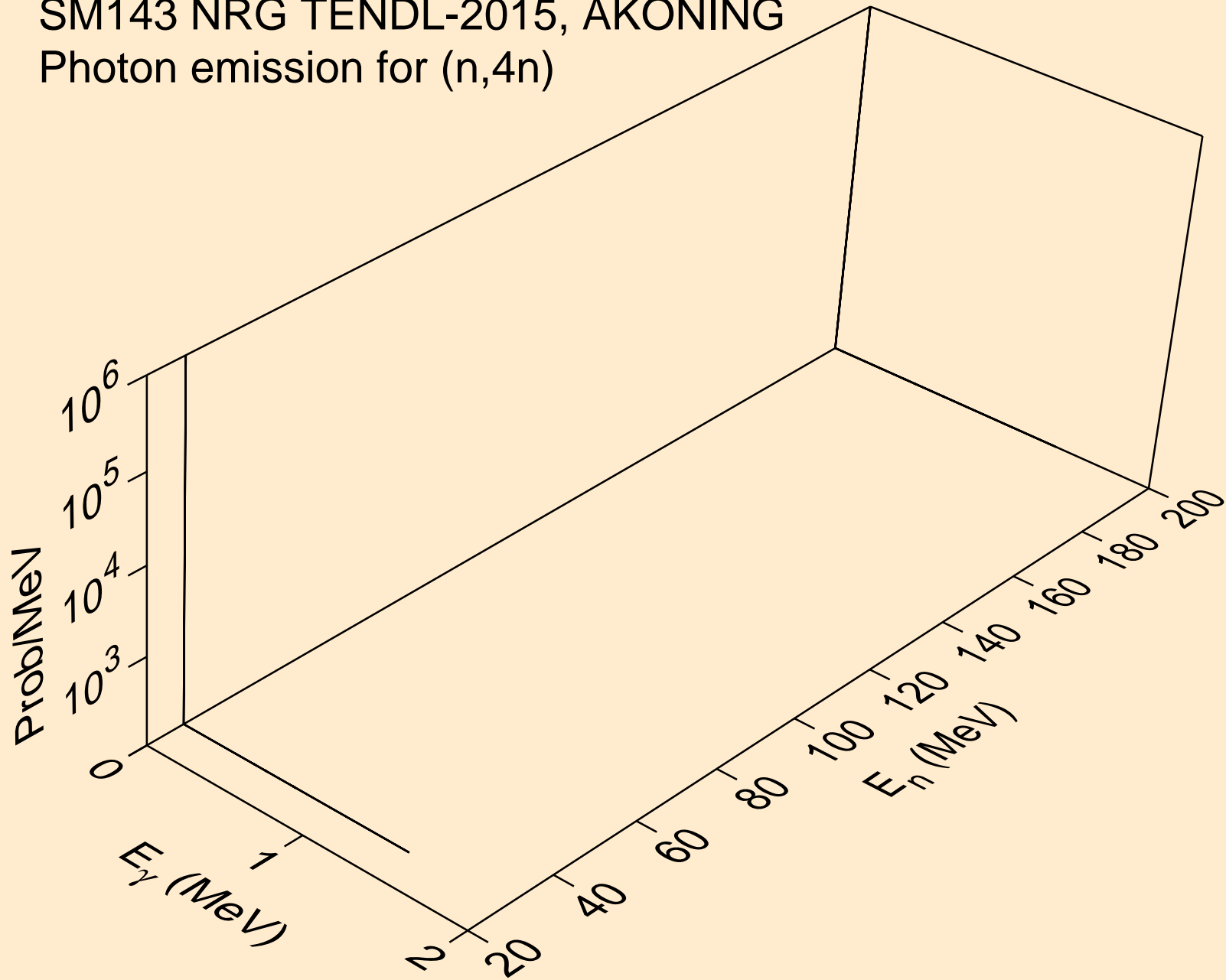
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

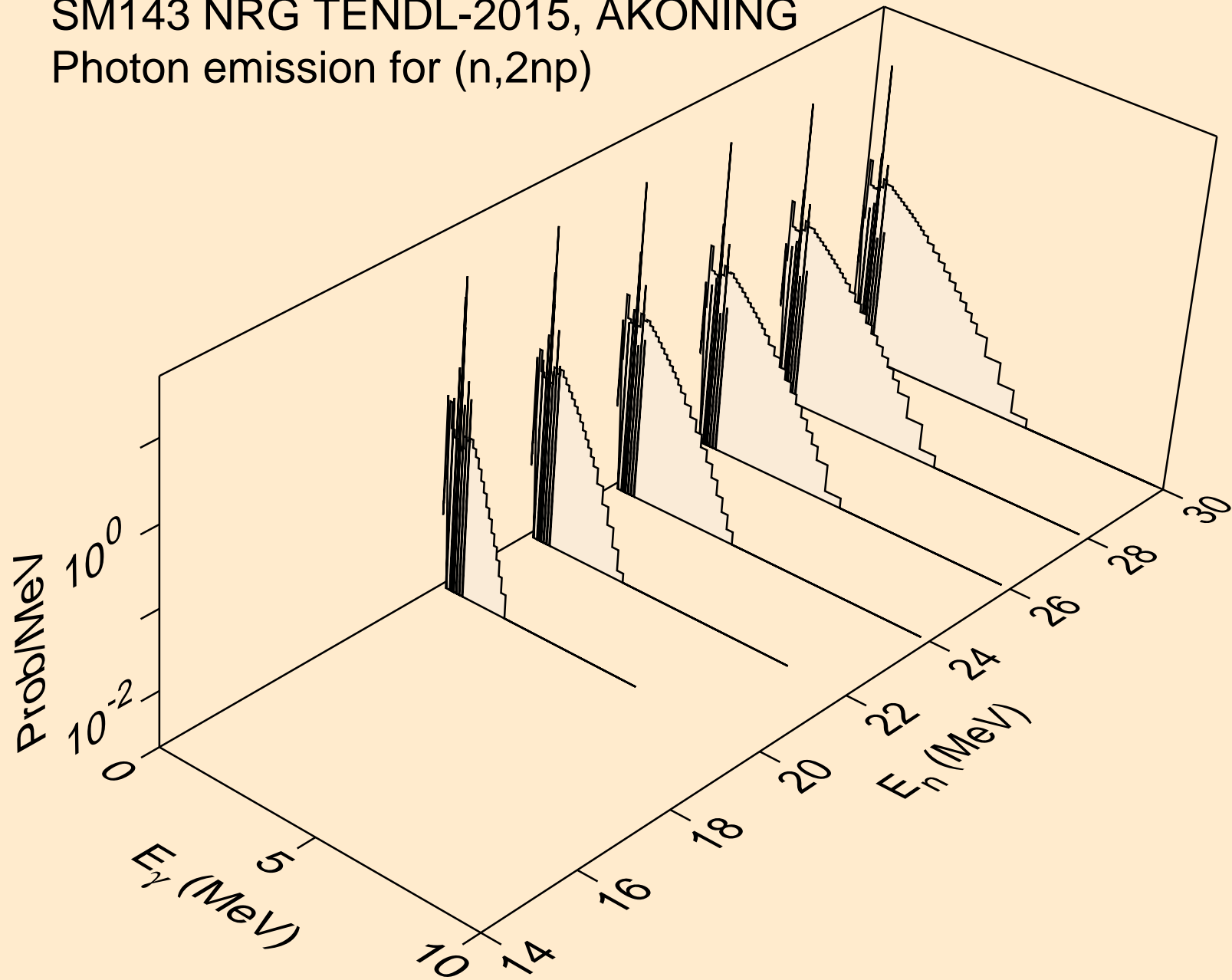


SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

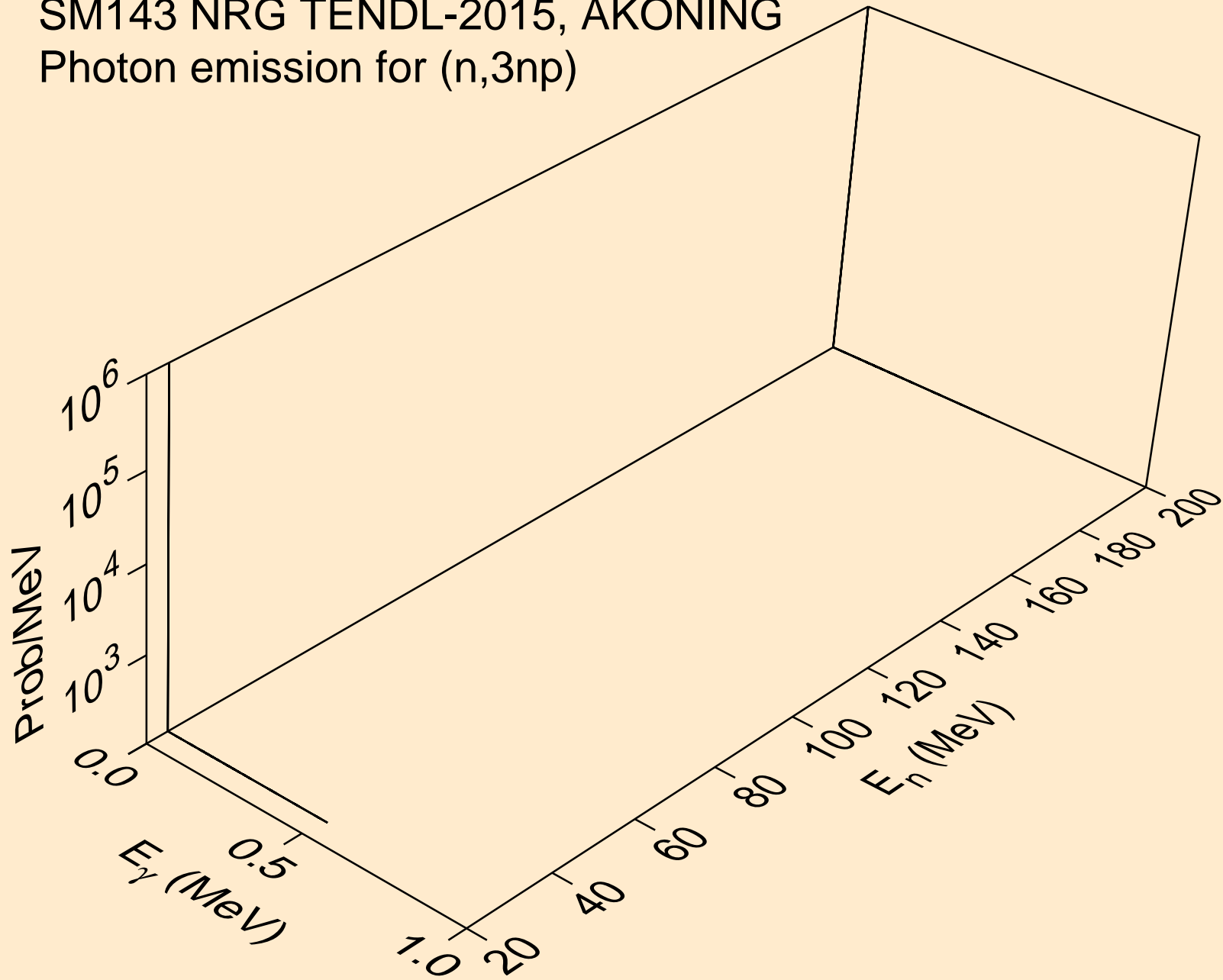




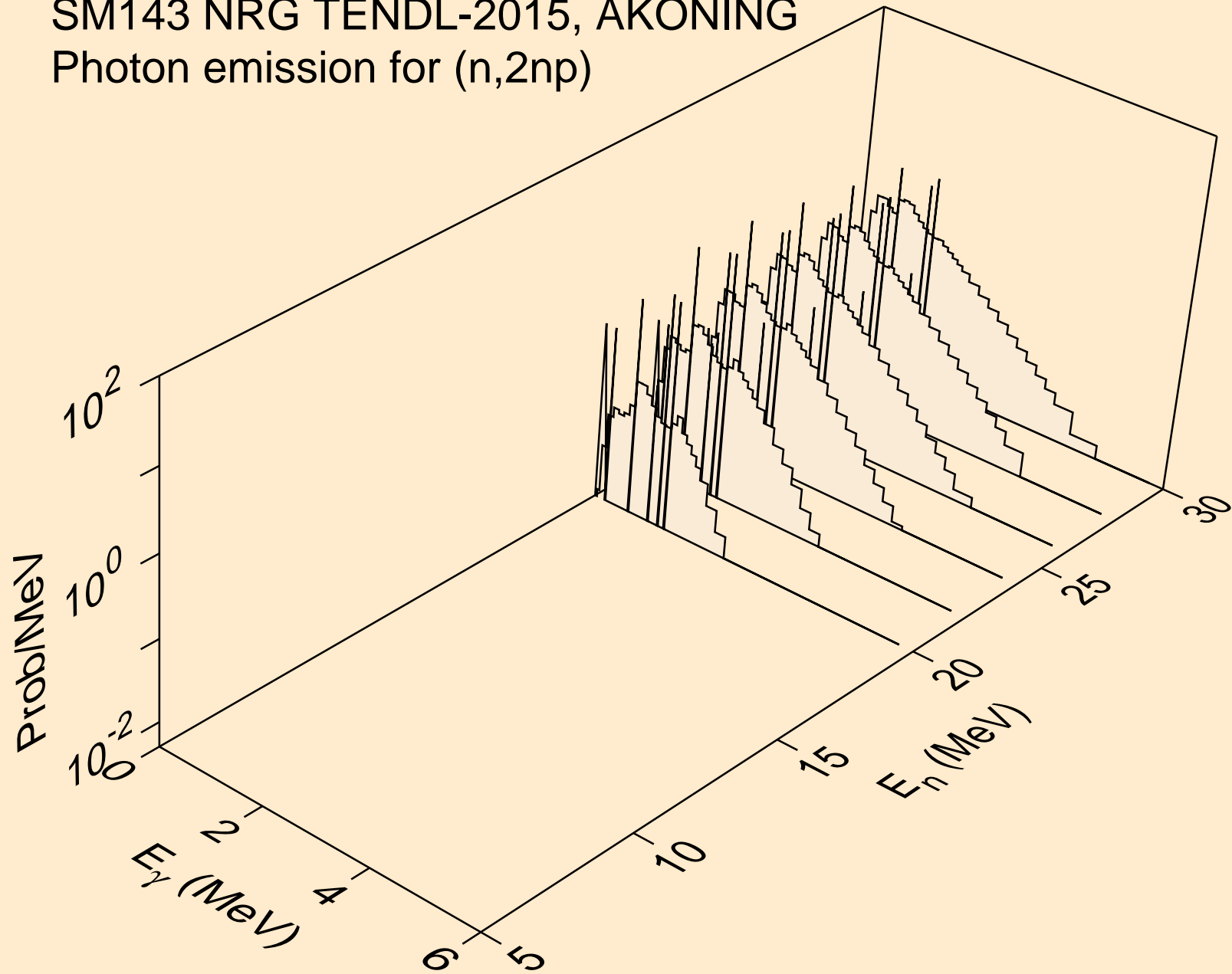
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



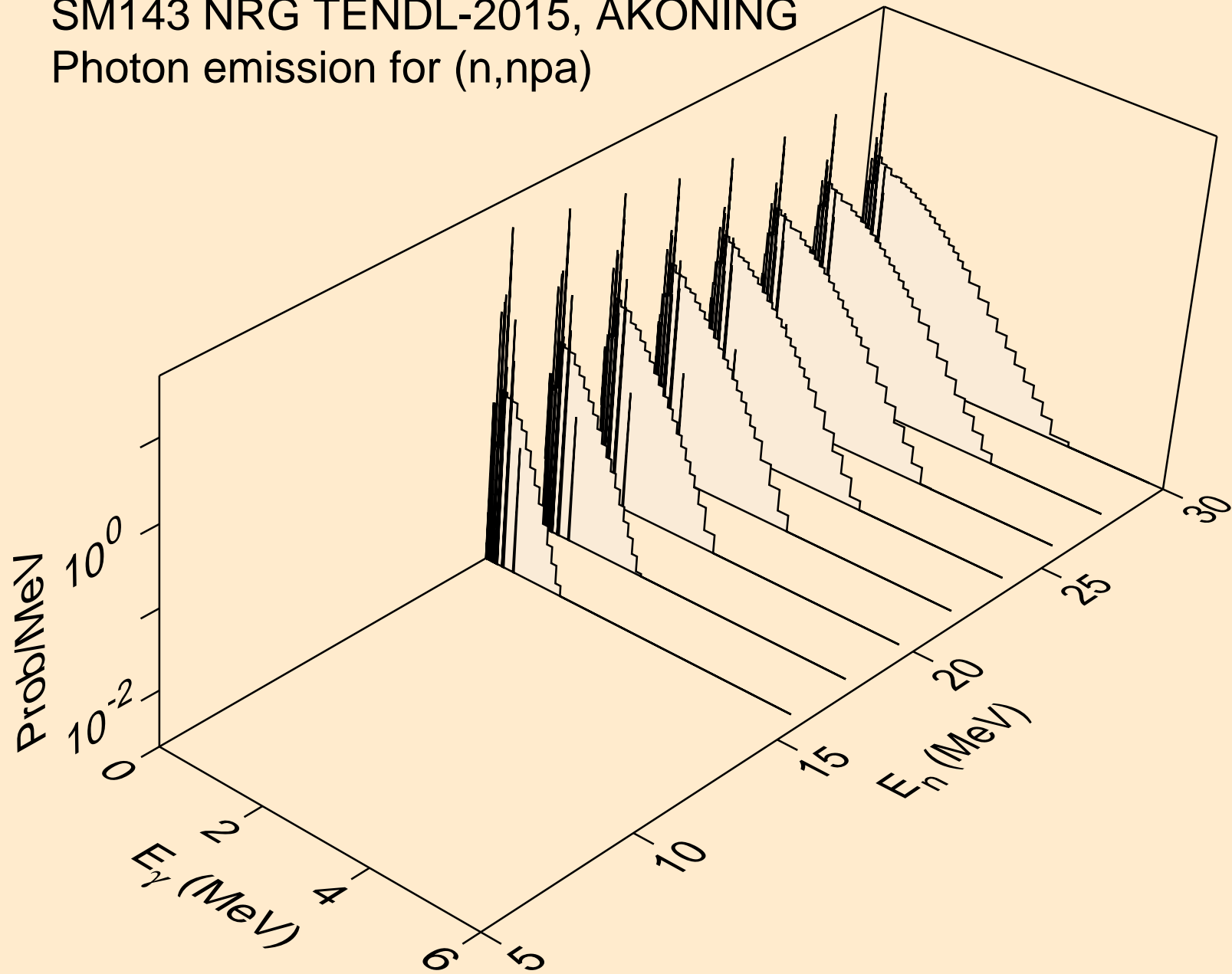
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



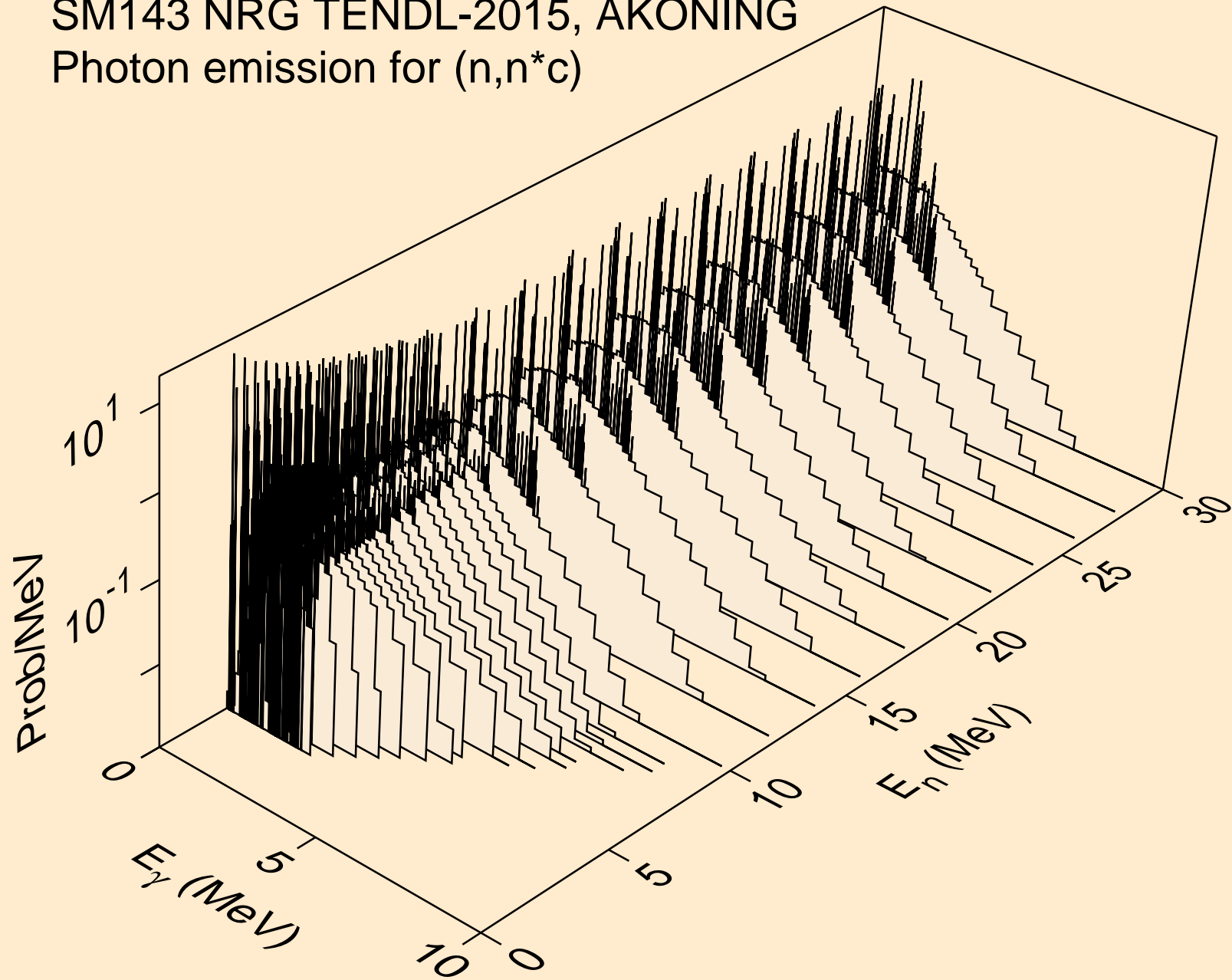
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



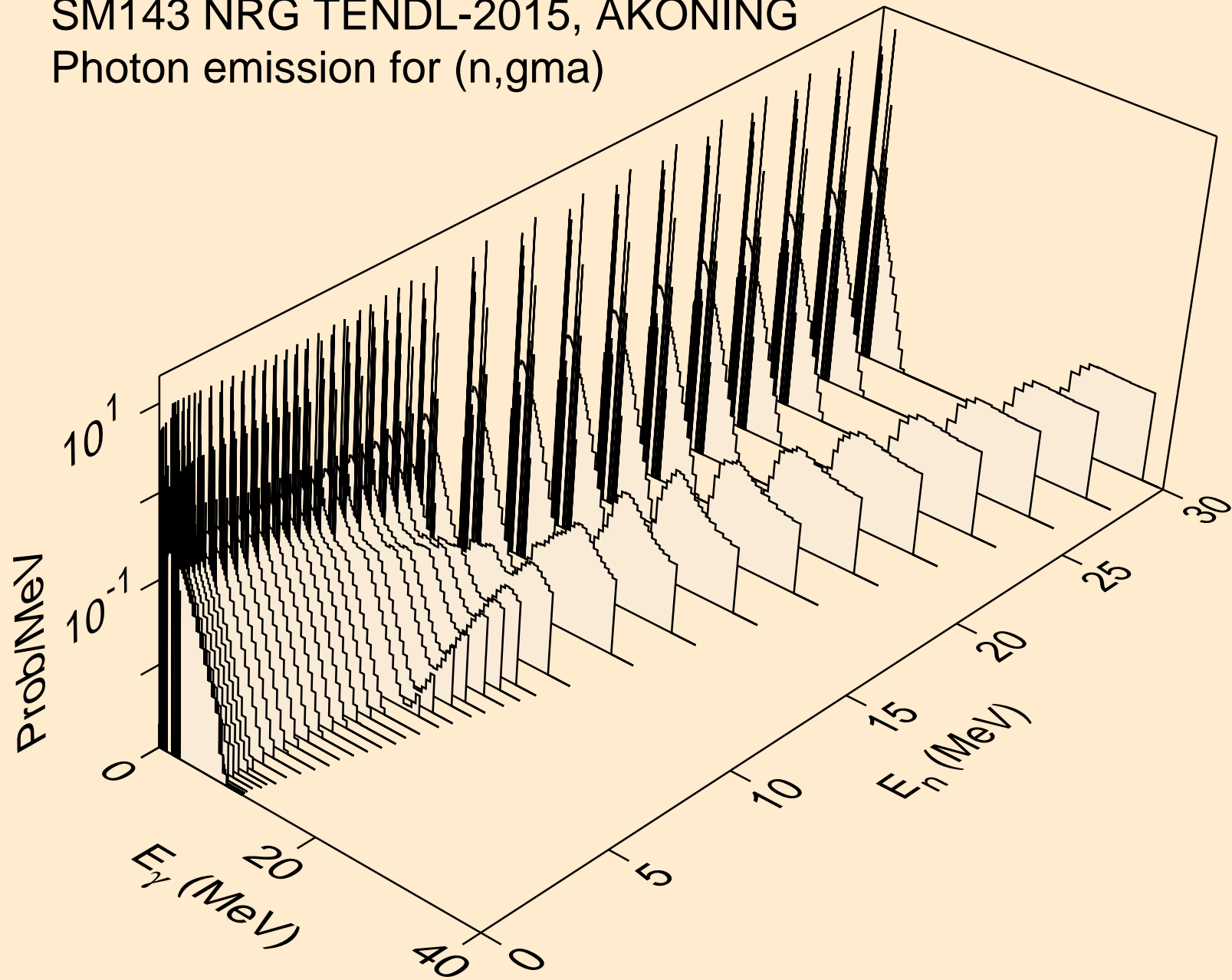
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



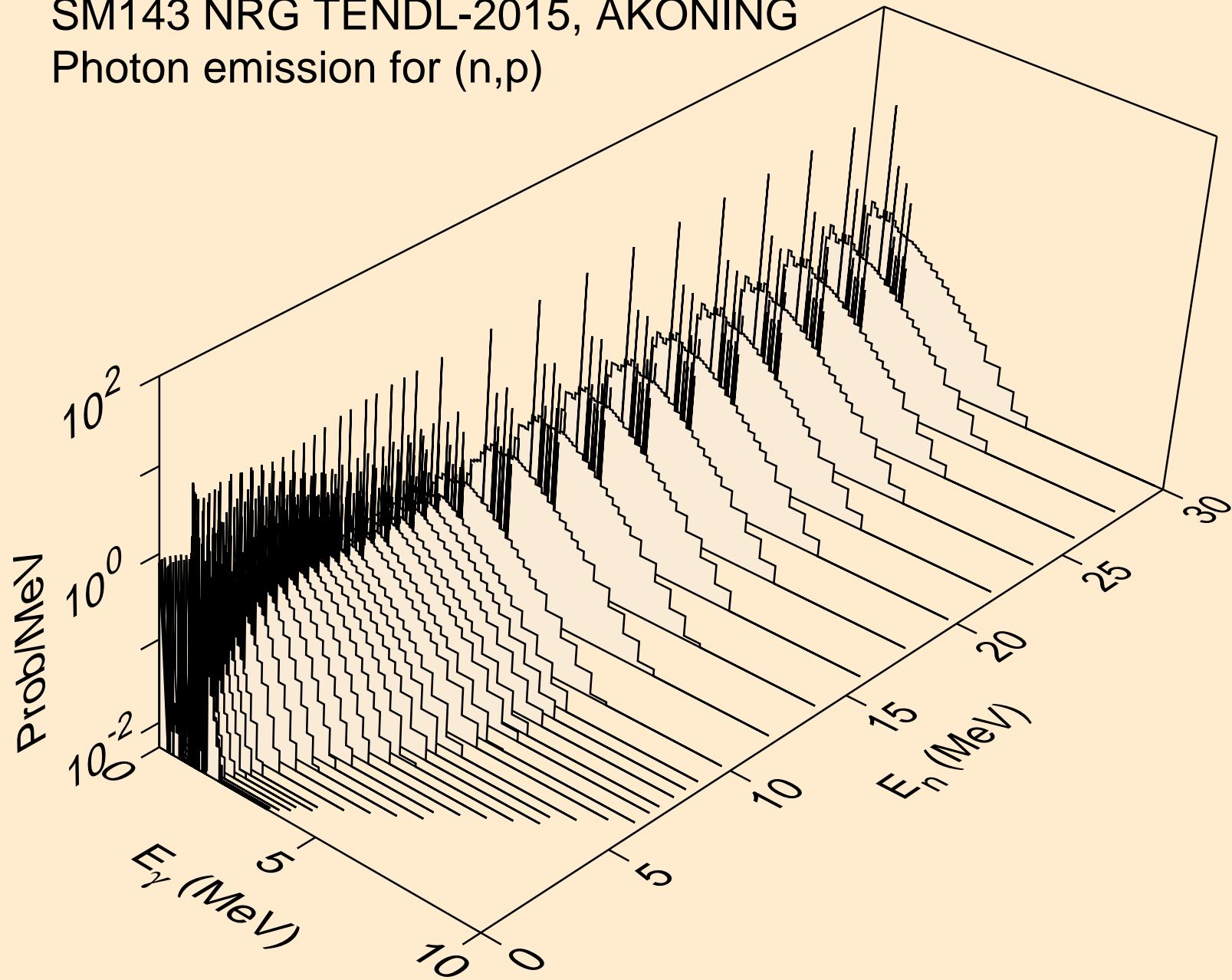
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



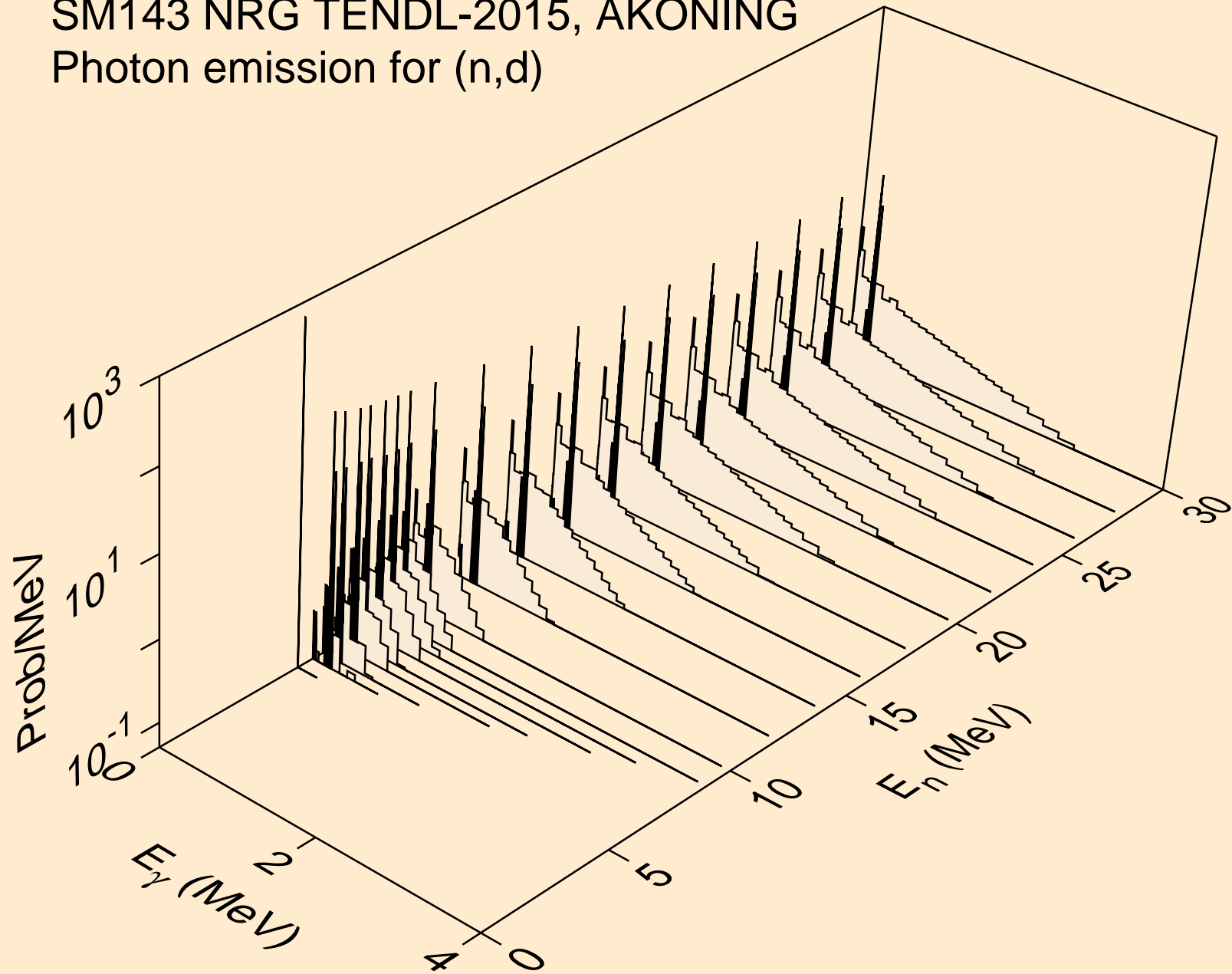
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

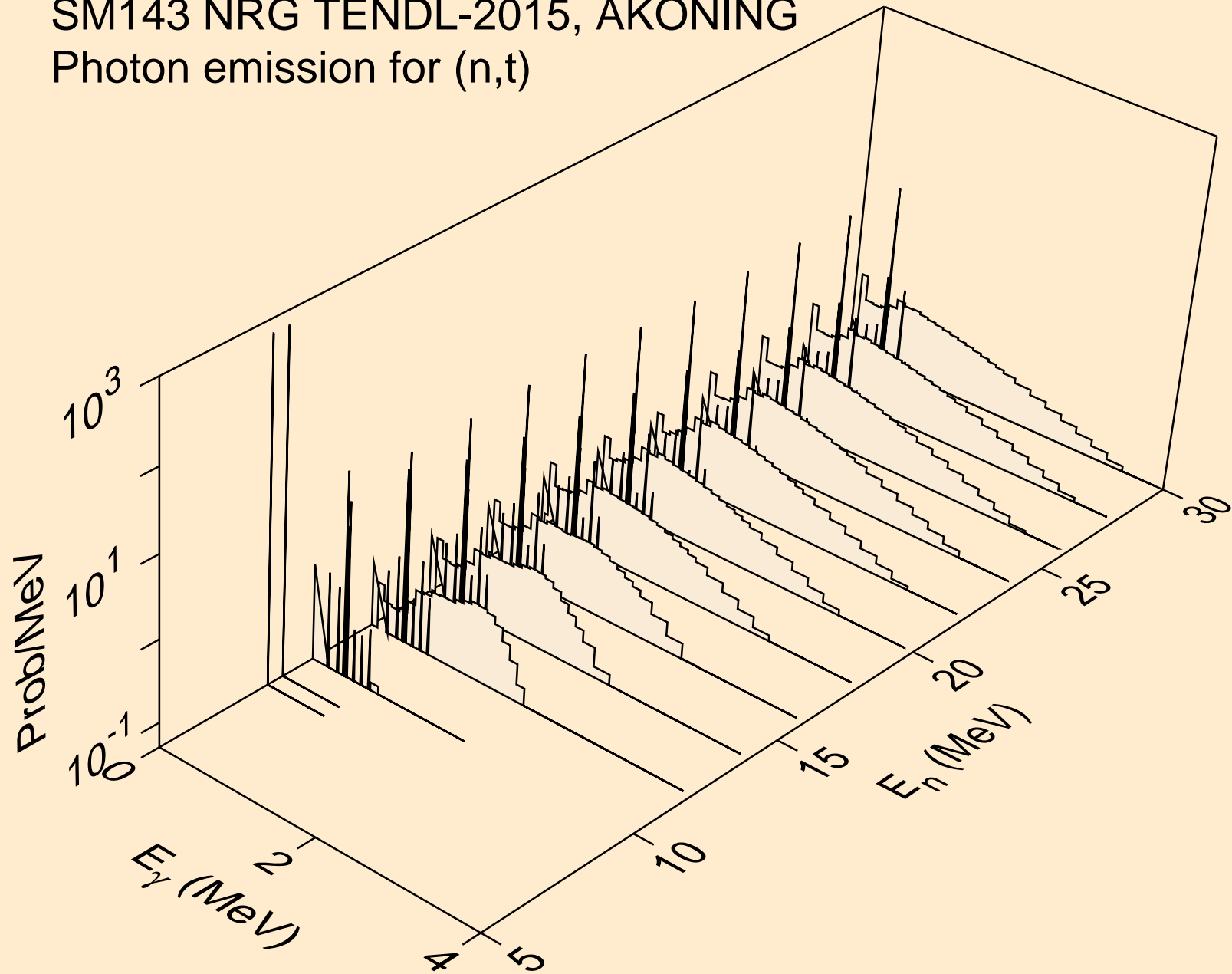


SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

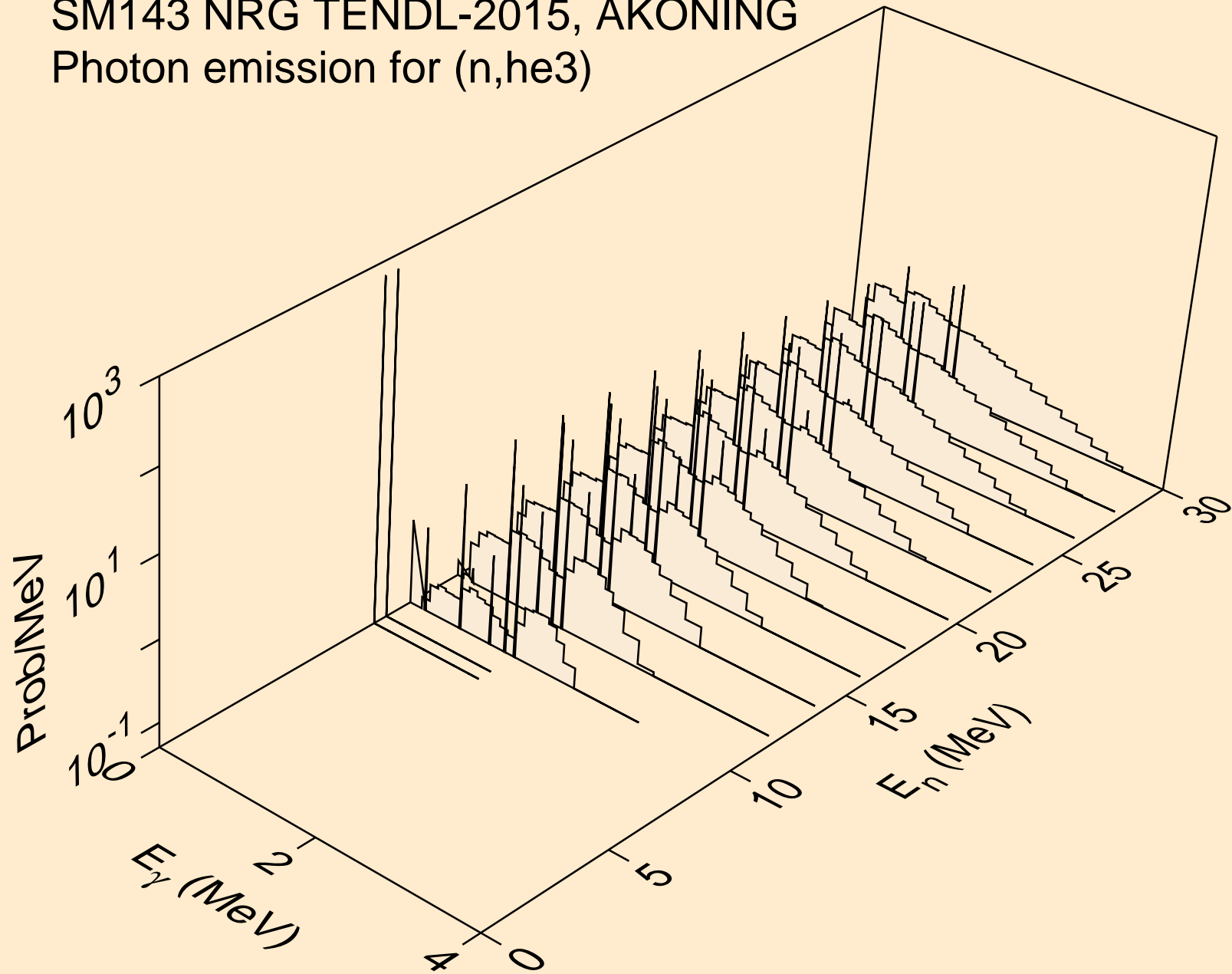




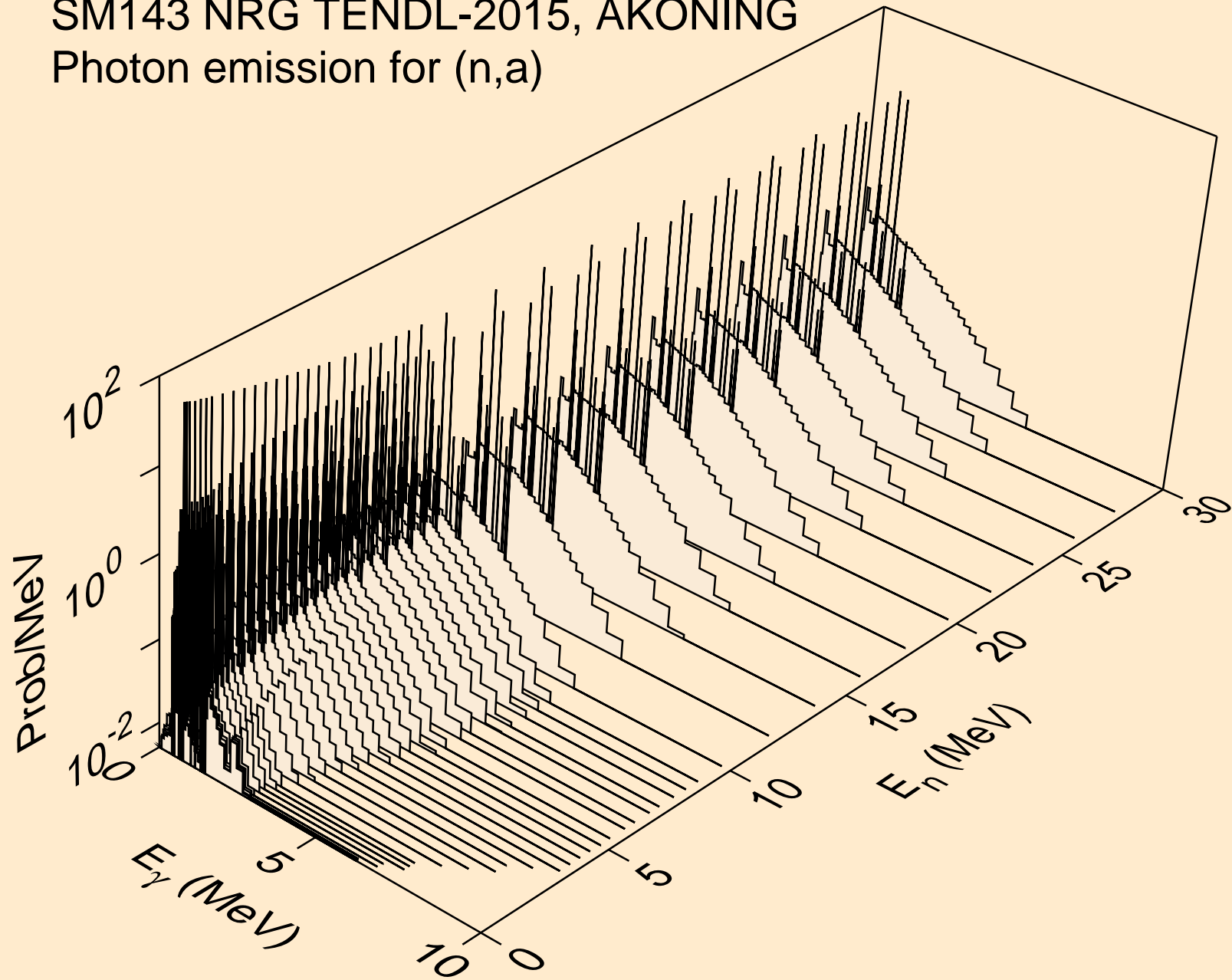
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



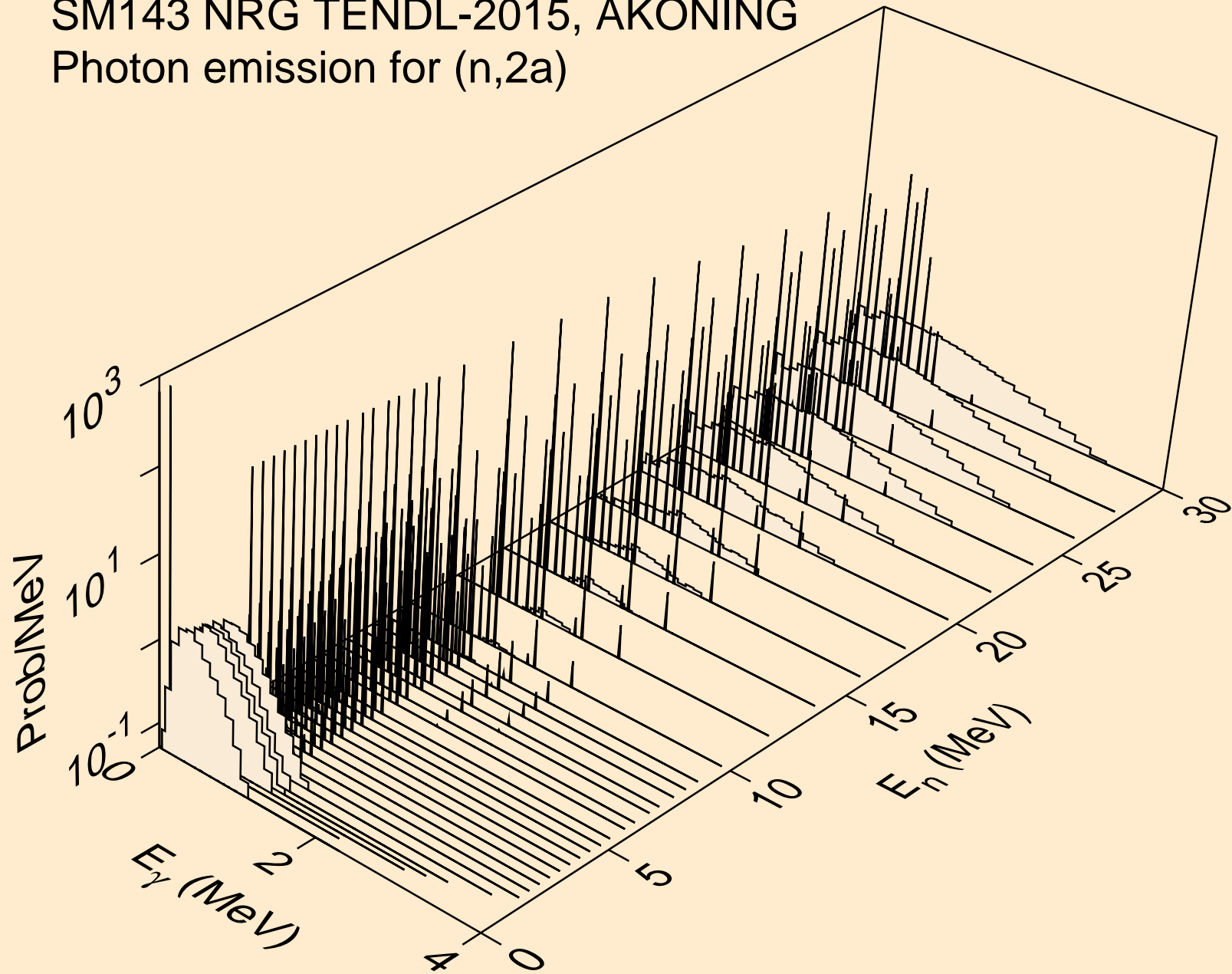
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



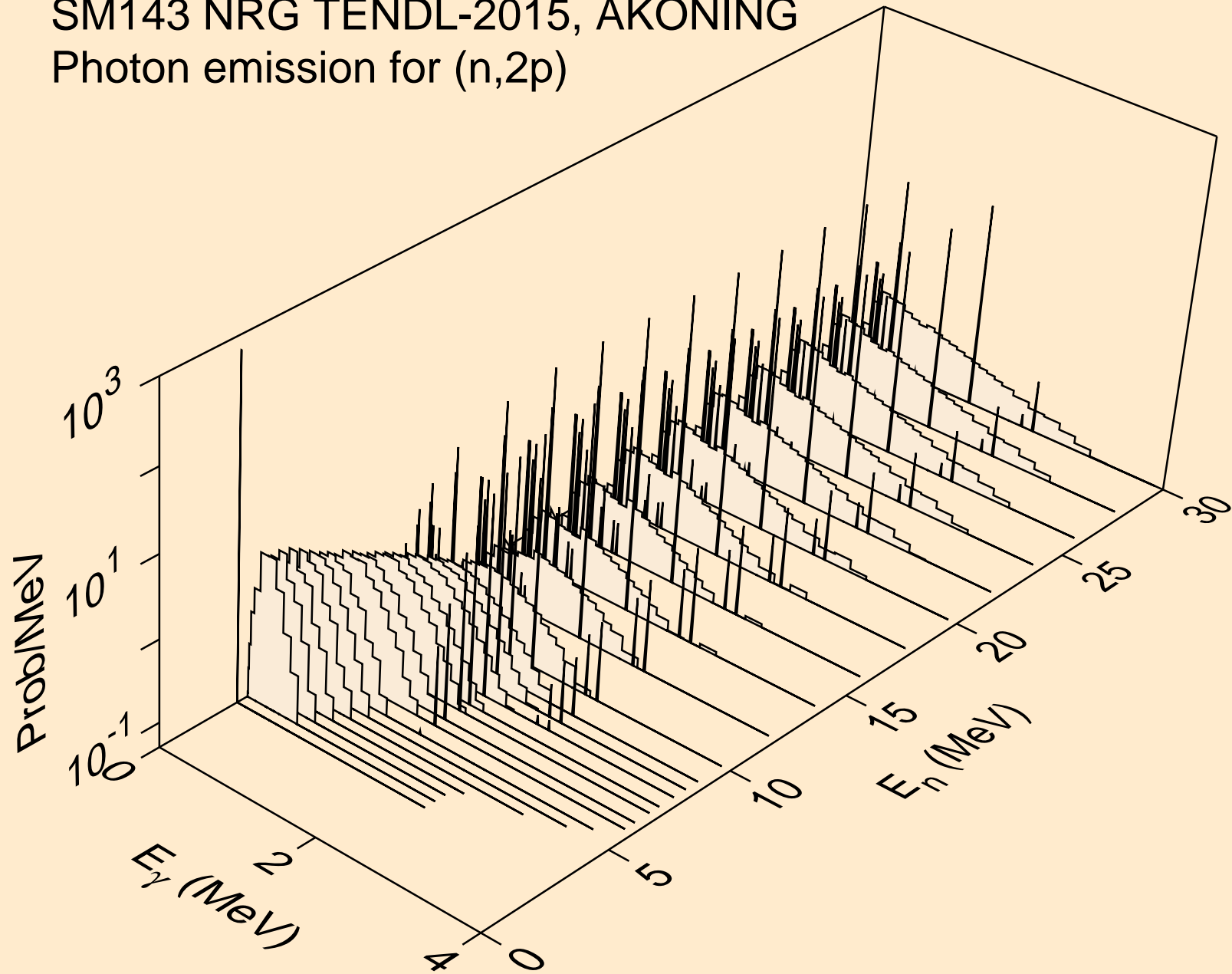
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



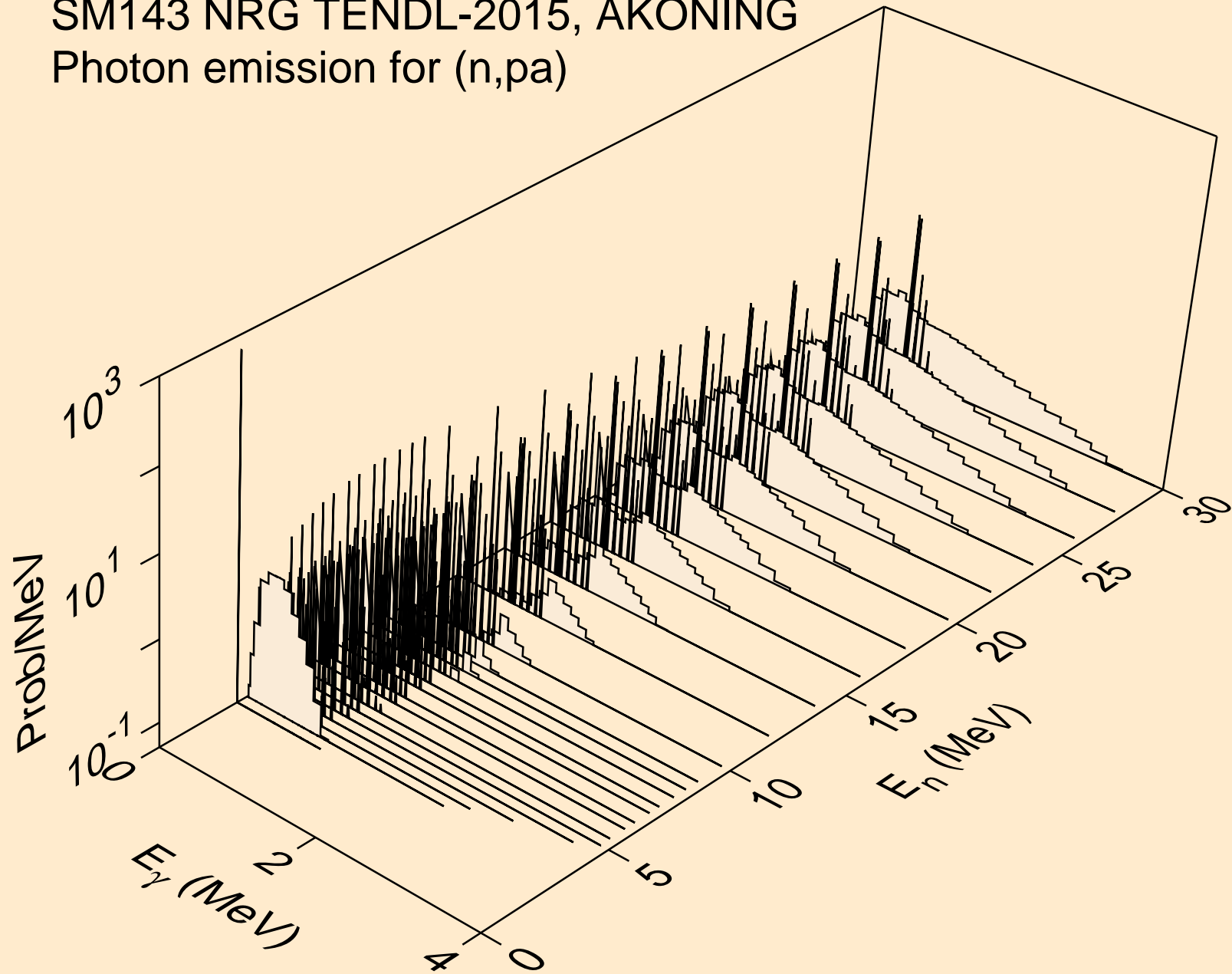
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



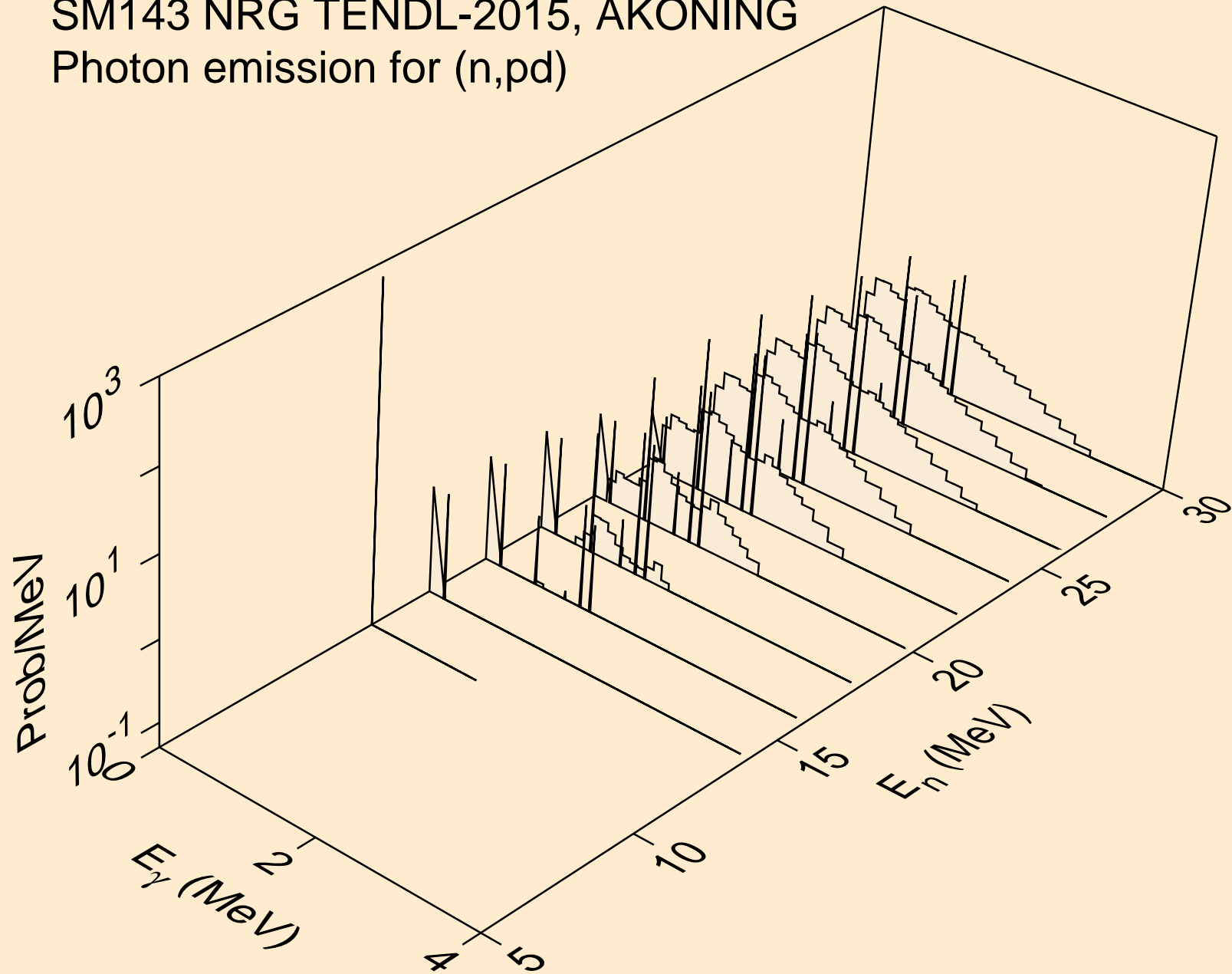
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



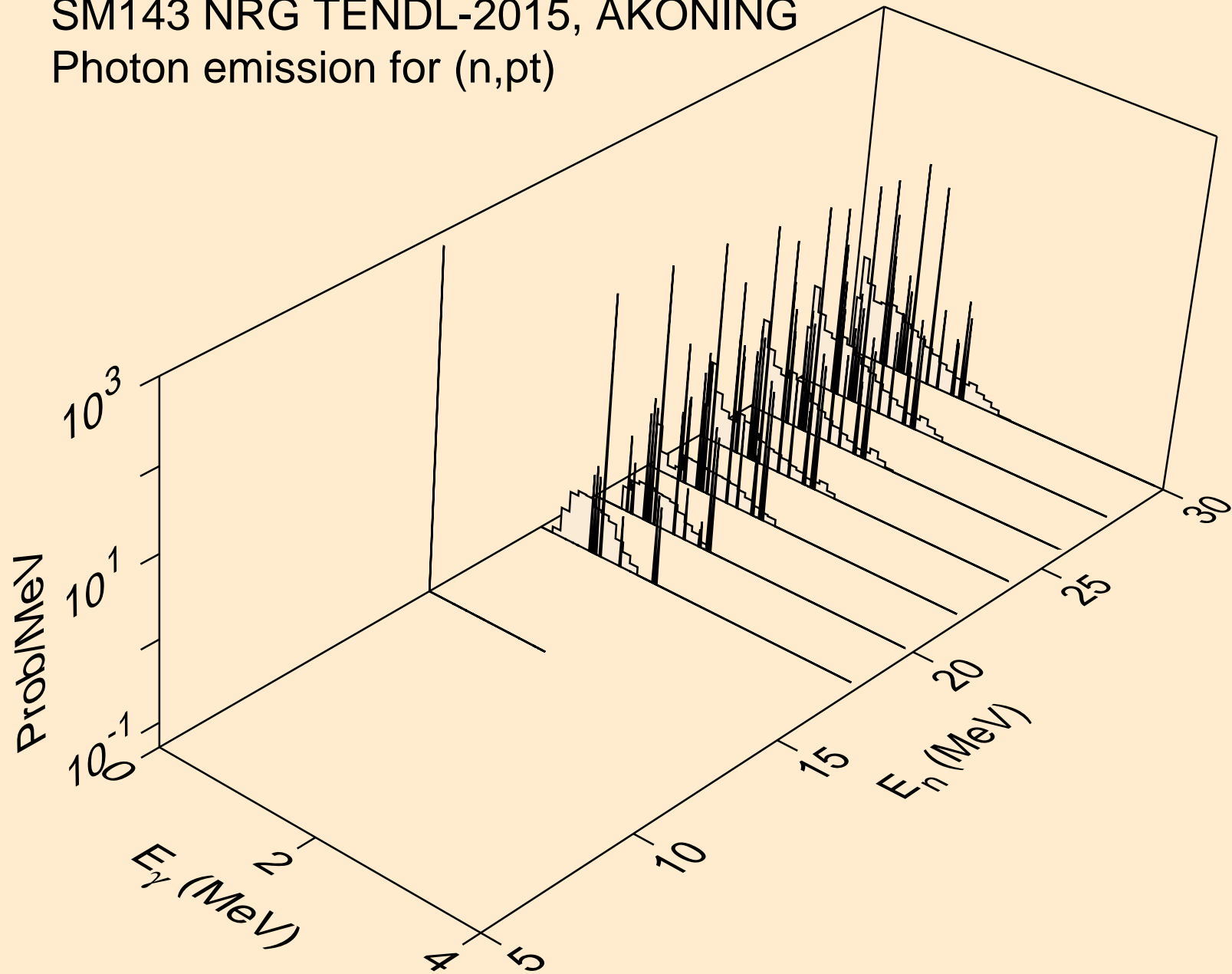
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

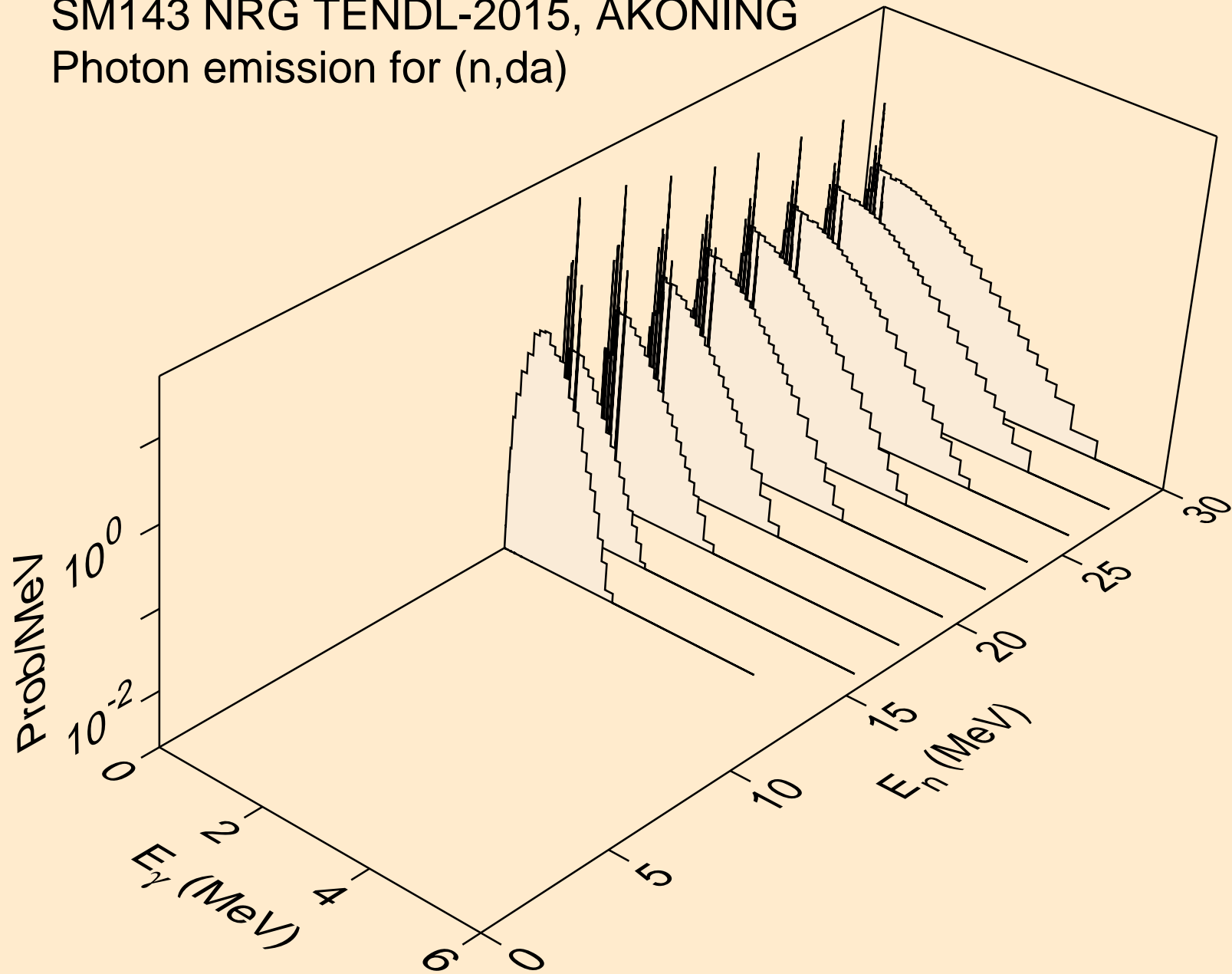


SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

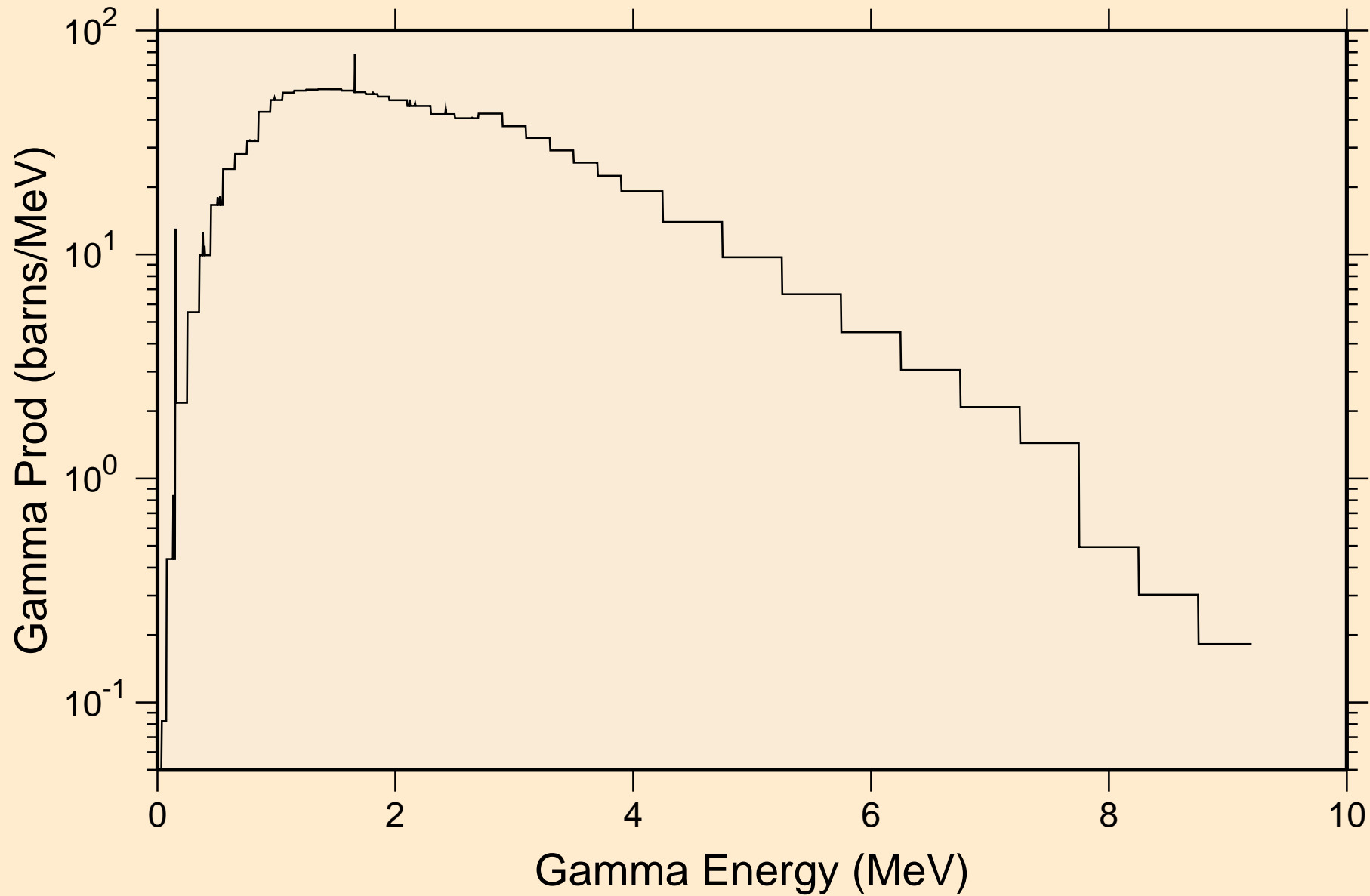




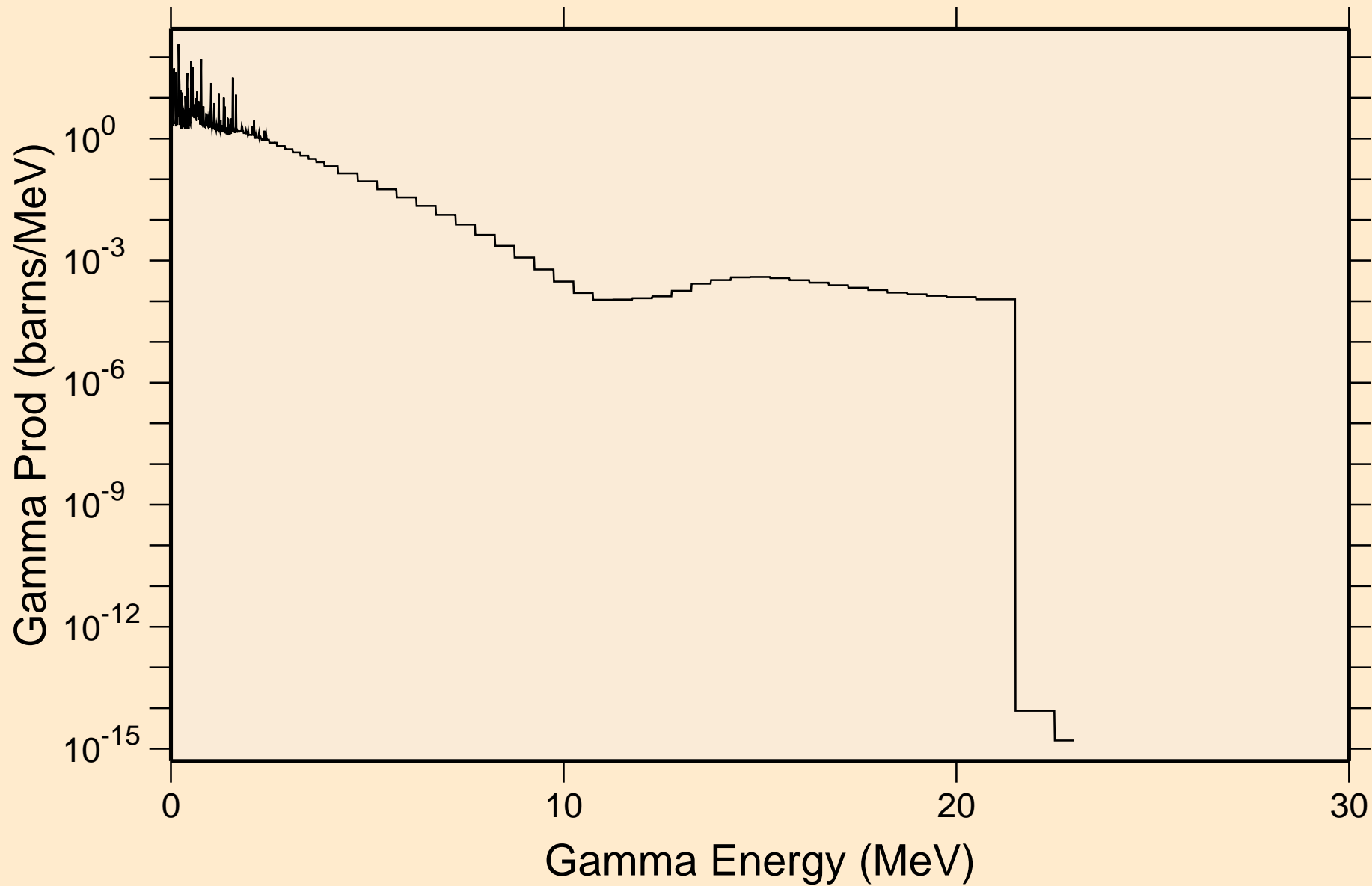
SM143 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SM143 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

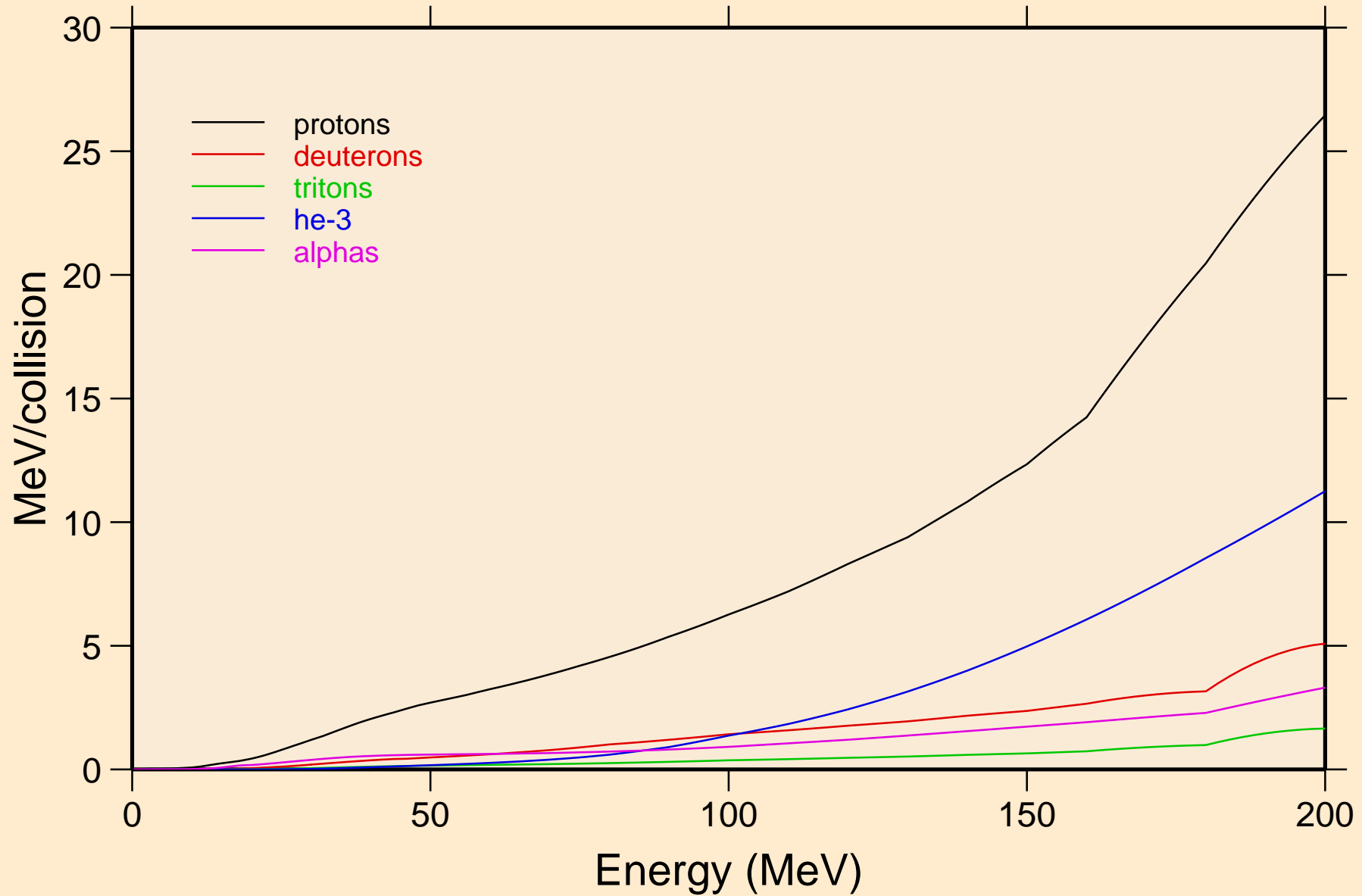


SM143 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



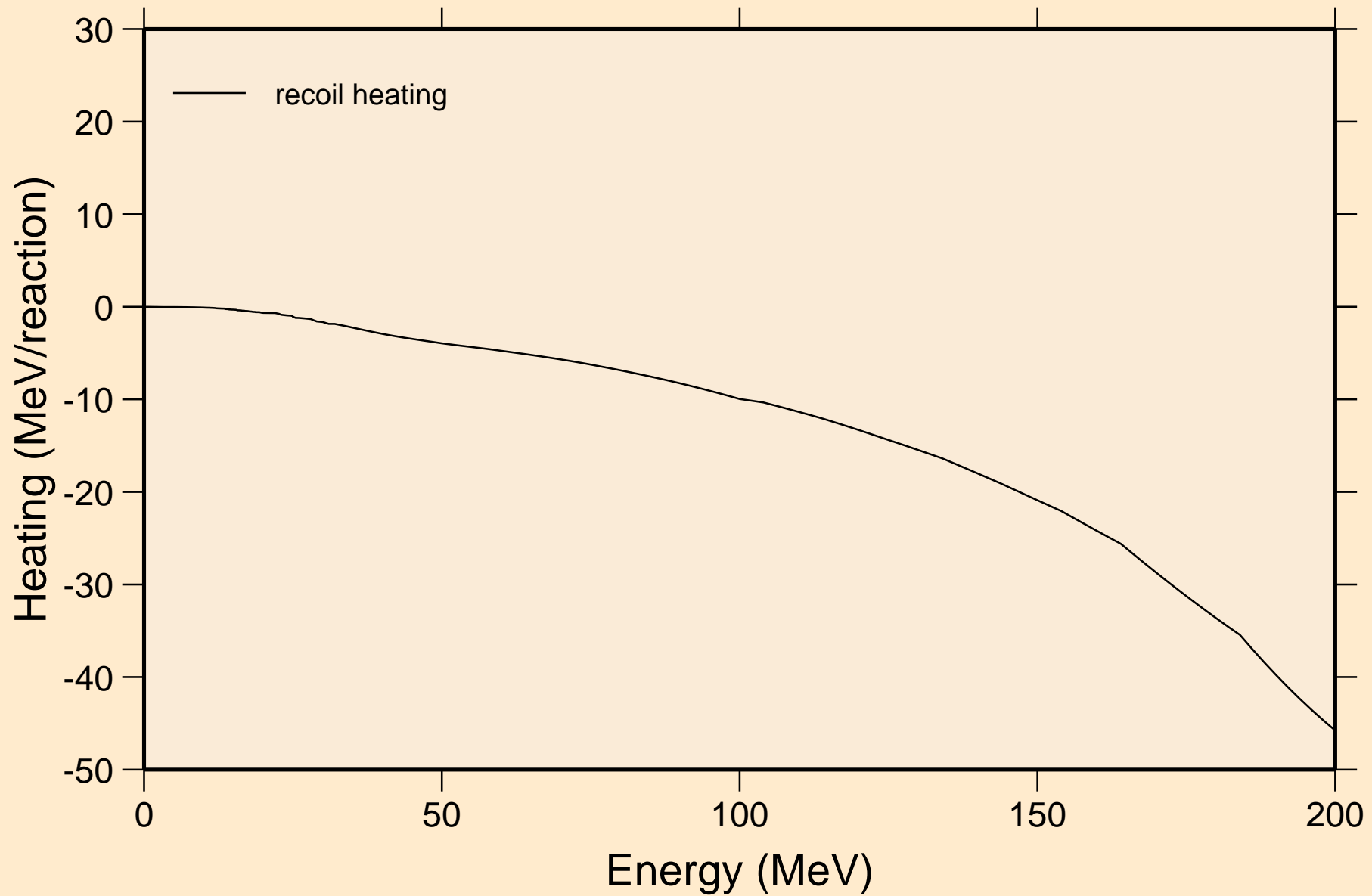
# SM143 NRG TENDL-2015, AKONING

## Particle heating contributions



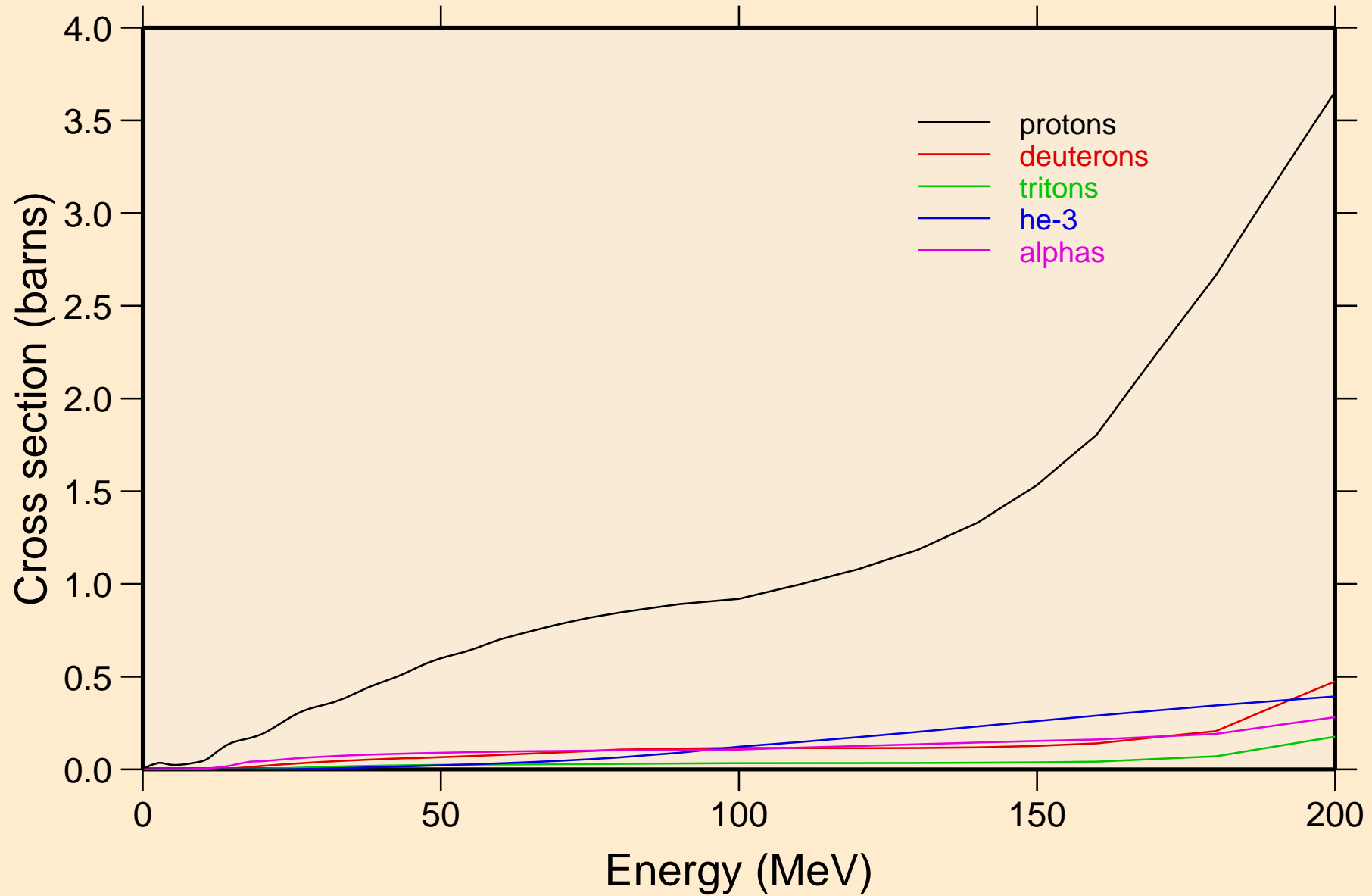
# SM143 NRG TENDL-2015, AKONING

## Recoil Heating

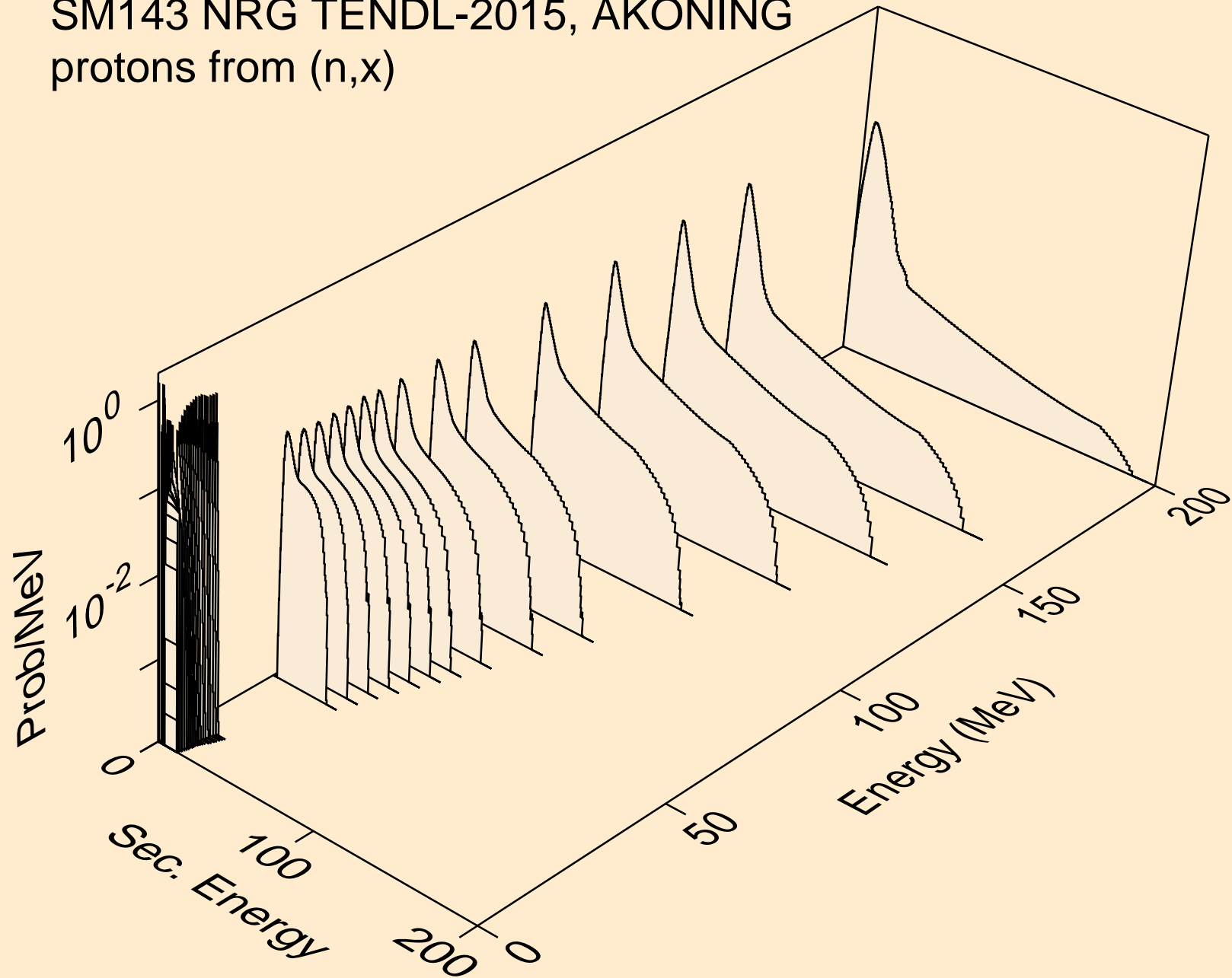


# SM143 NRG TENDL-2015, AKONING

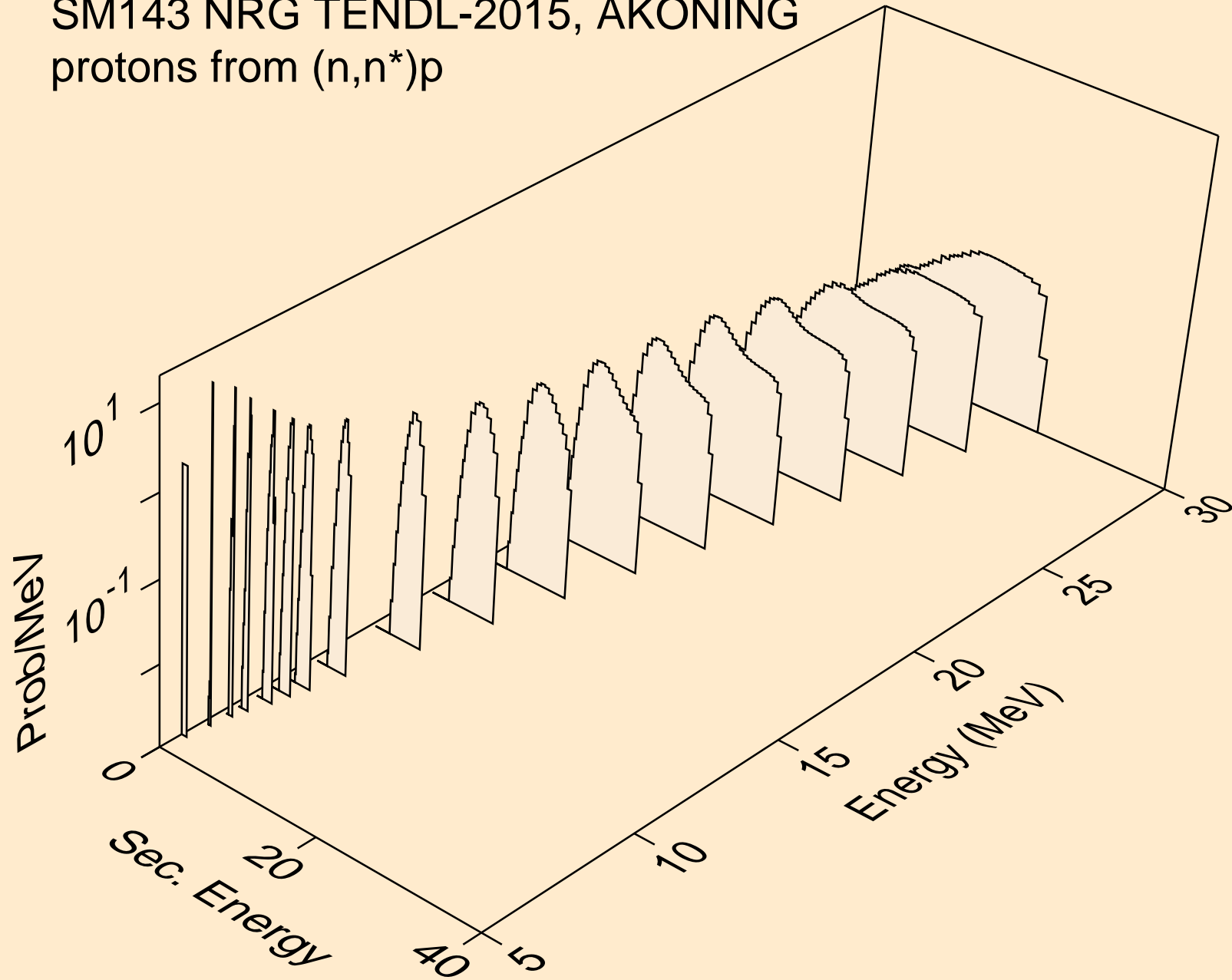
## Particle production cross sections



SM143 NRG TENDL-2015, AKONING  
protons from (n,x)

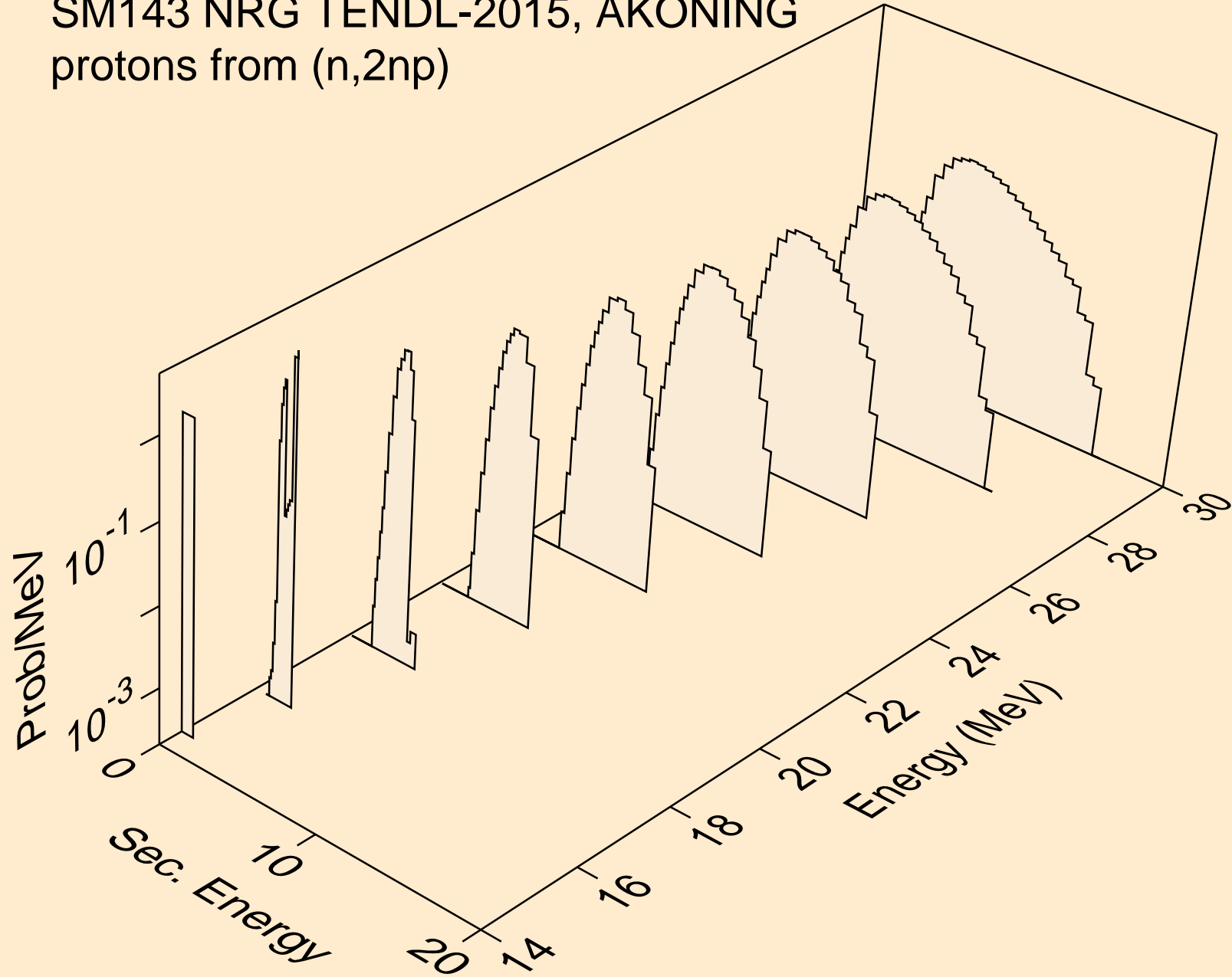


SM143 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

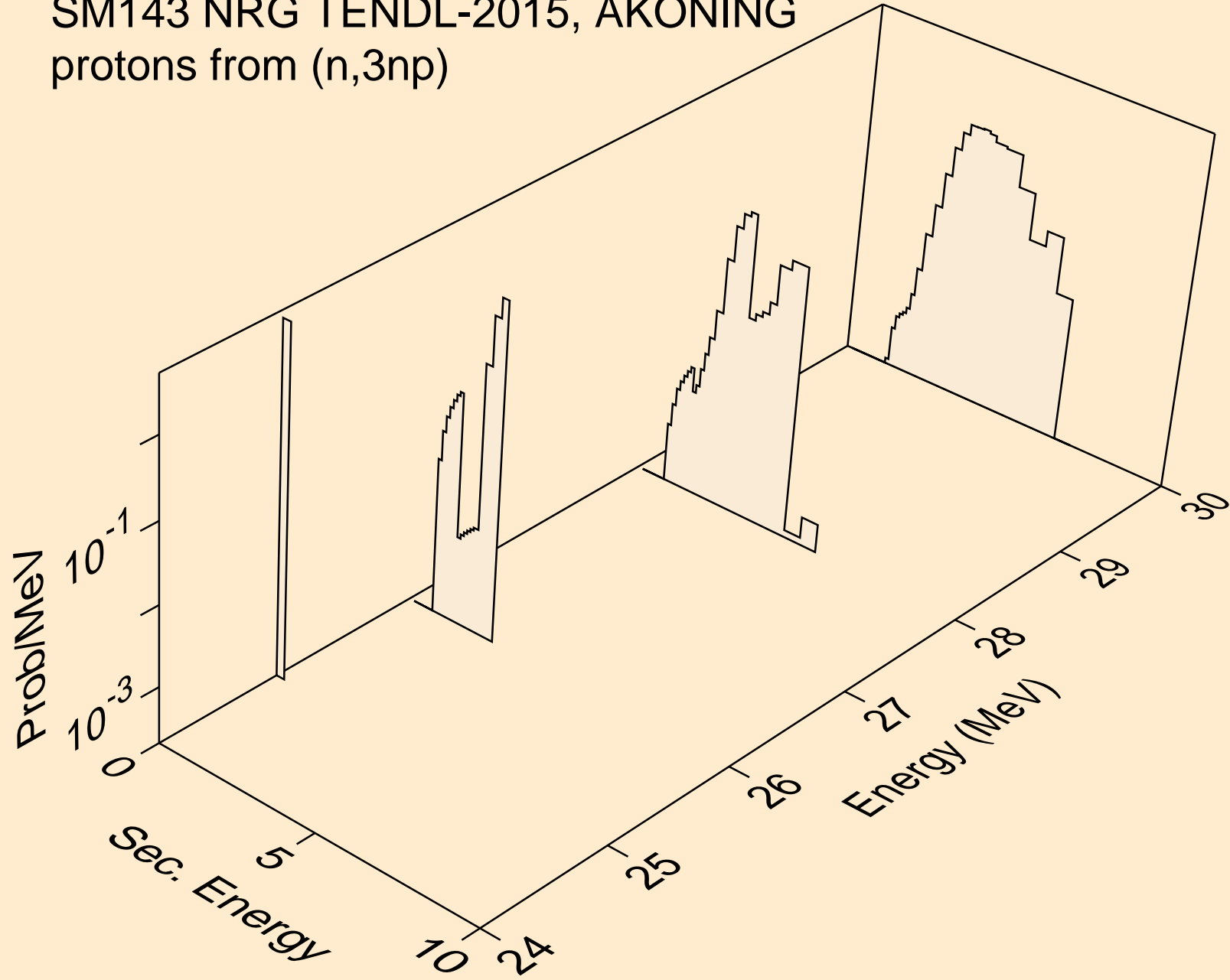




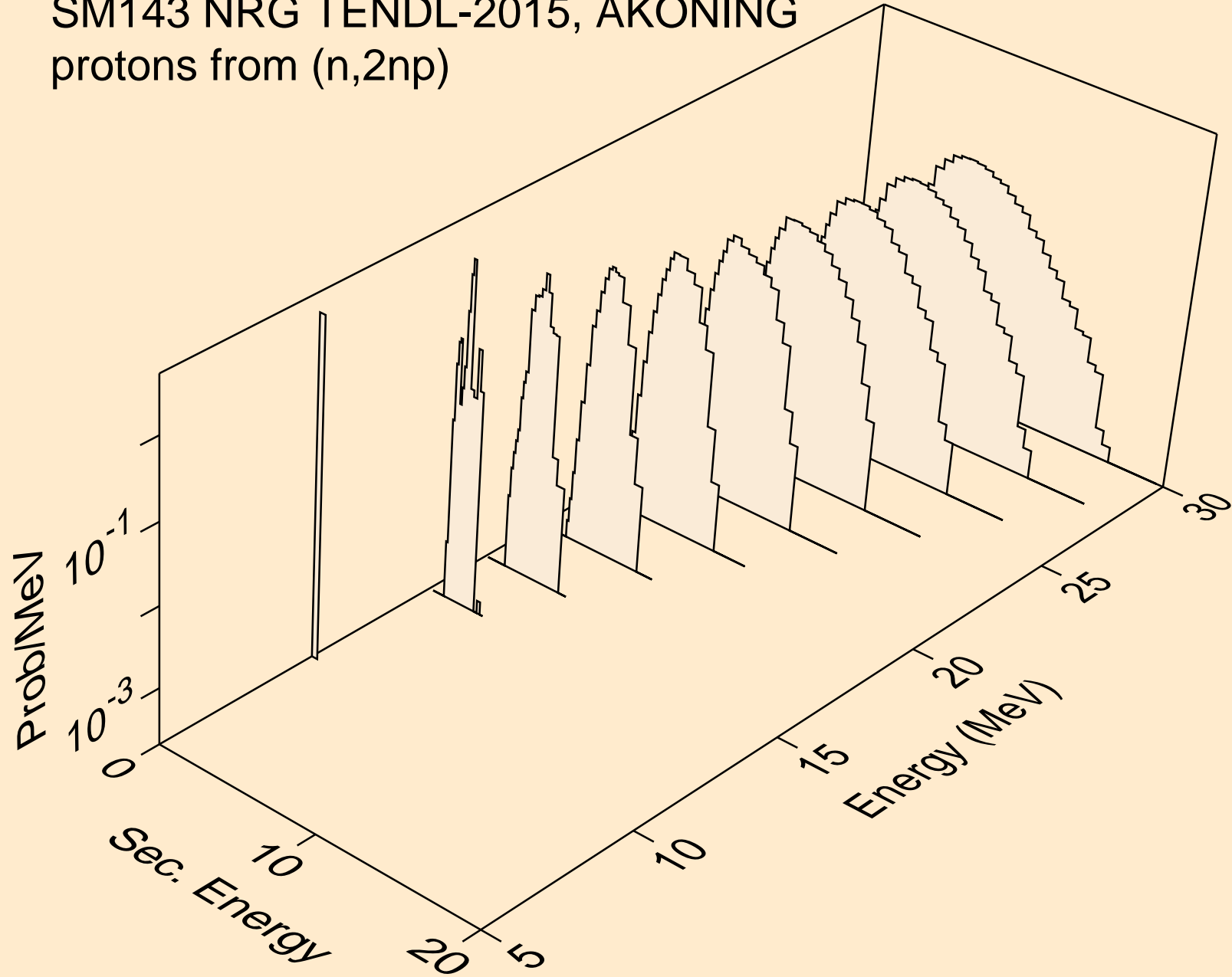
SM143 NRG TENDL-2015, AKONING  
protons from (n,2np)



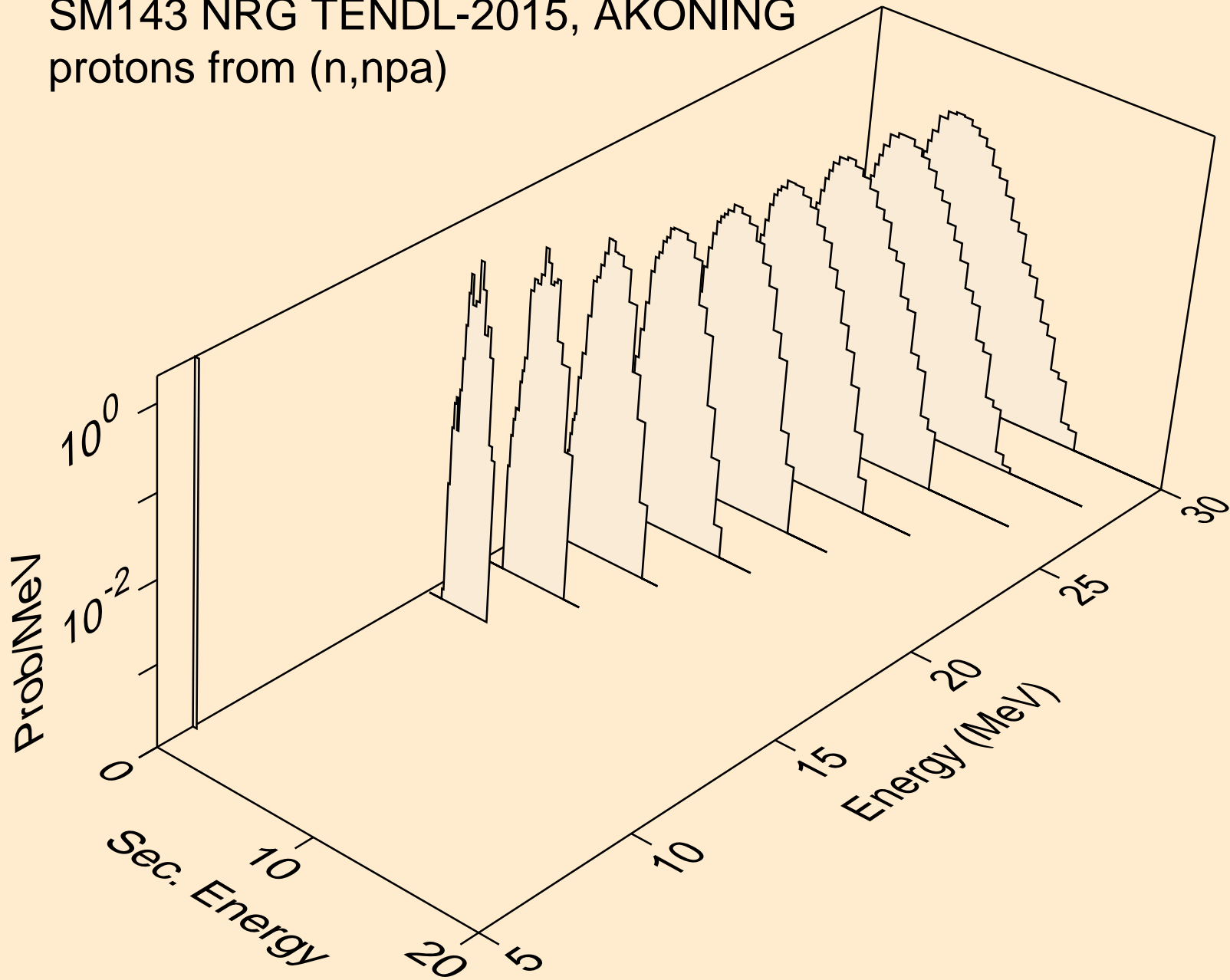
SM143 NRG TENDL-2015, AKONING  
protons from (n,3np)



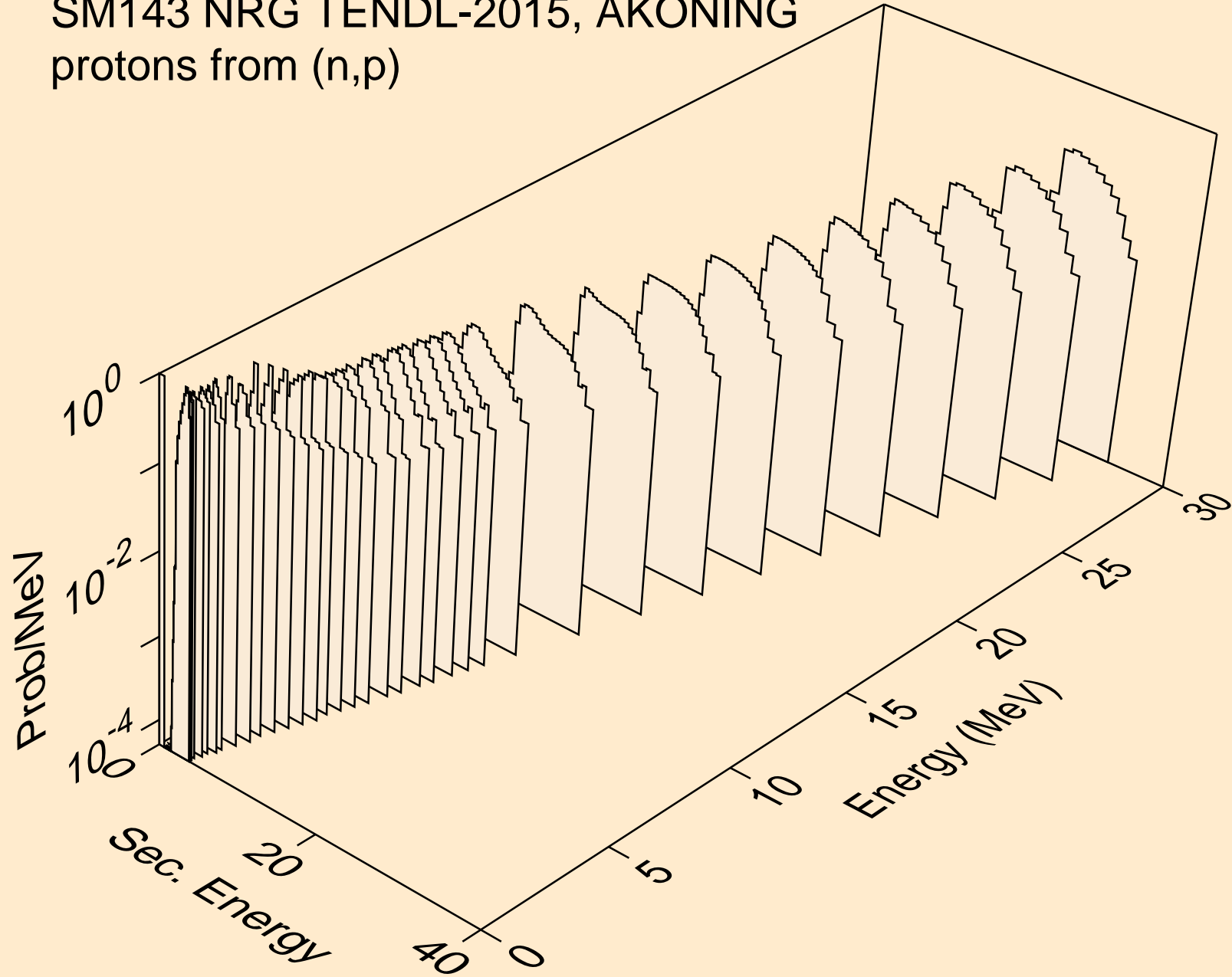
SM143 NRG TENDL-2015, AKONING  
protons from (n,2np)



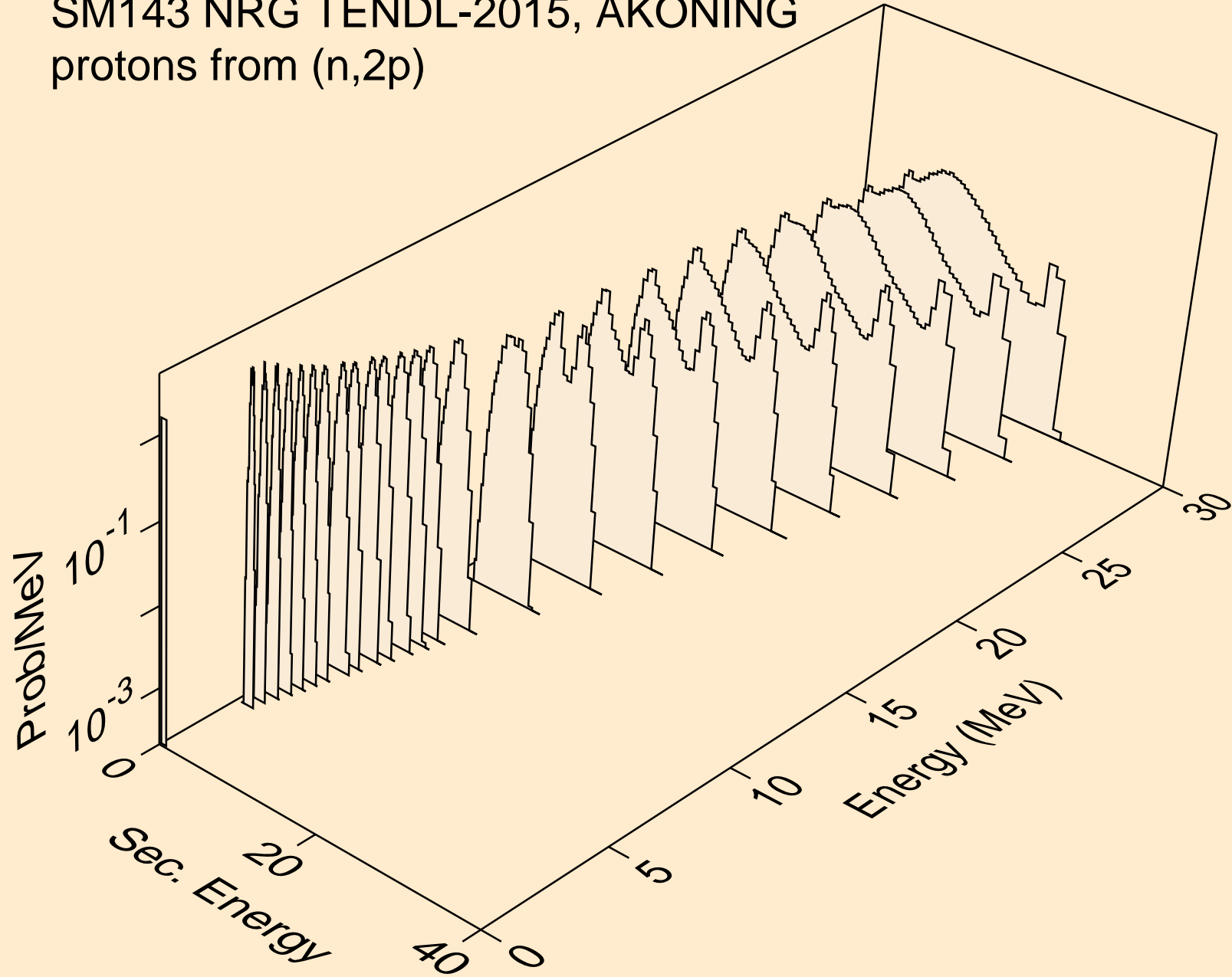
SM143 NRG TENDL-2015, AKONING  
protons from (n,npa)



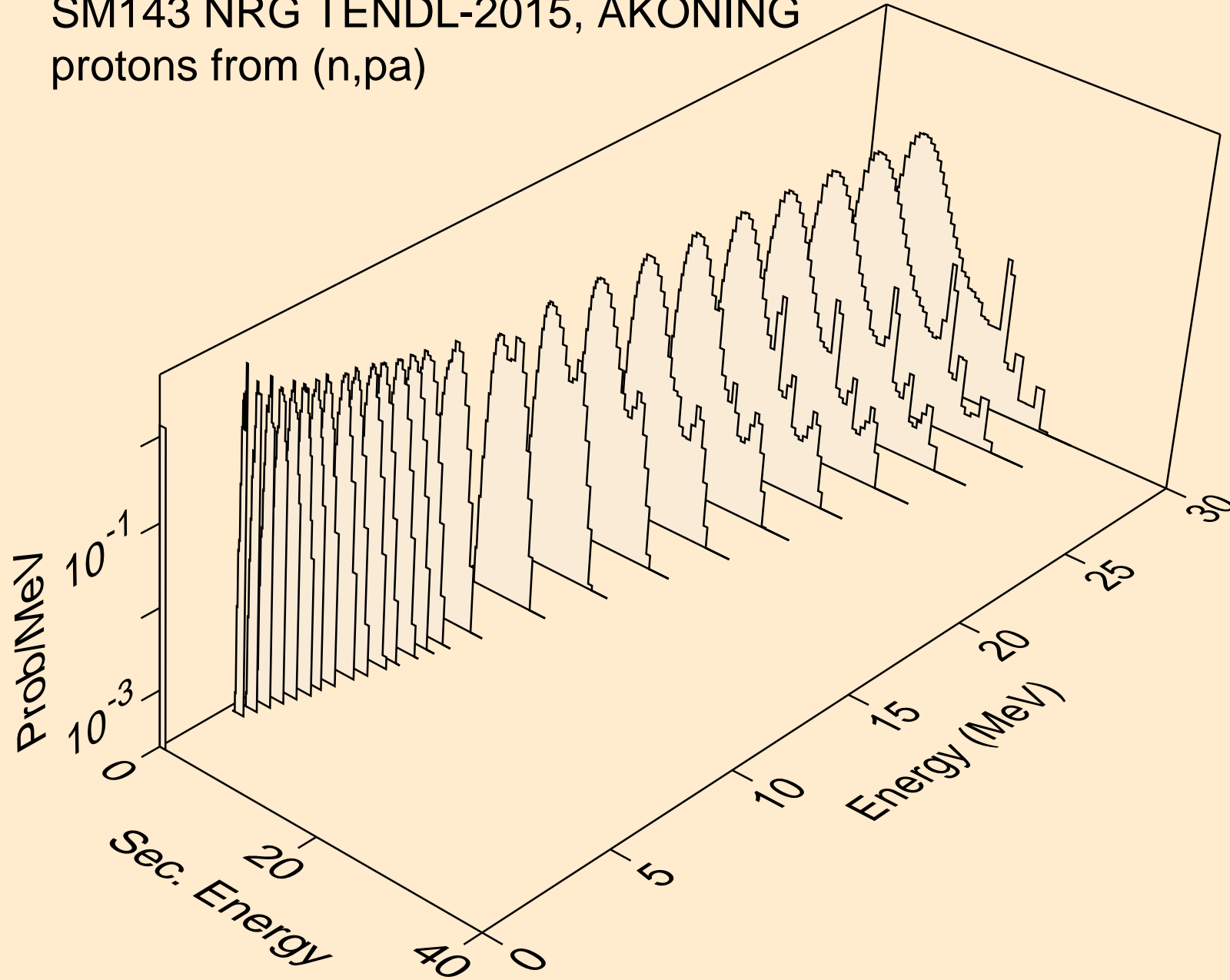
SM143 NRG TENDL-2015, AKONING  
protons from (n,p)



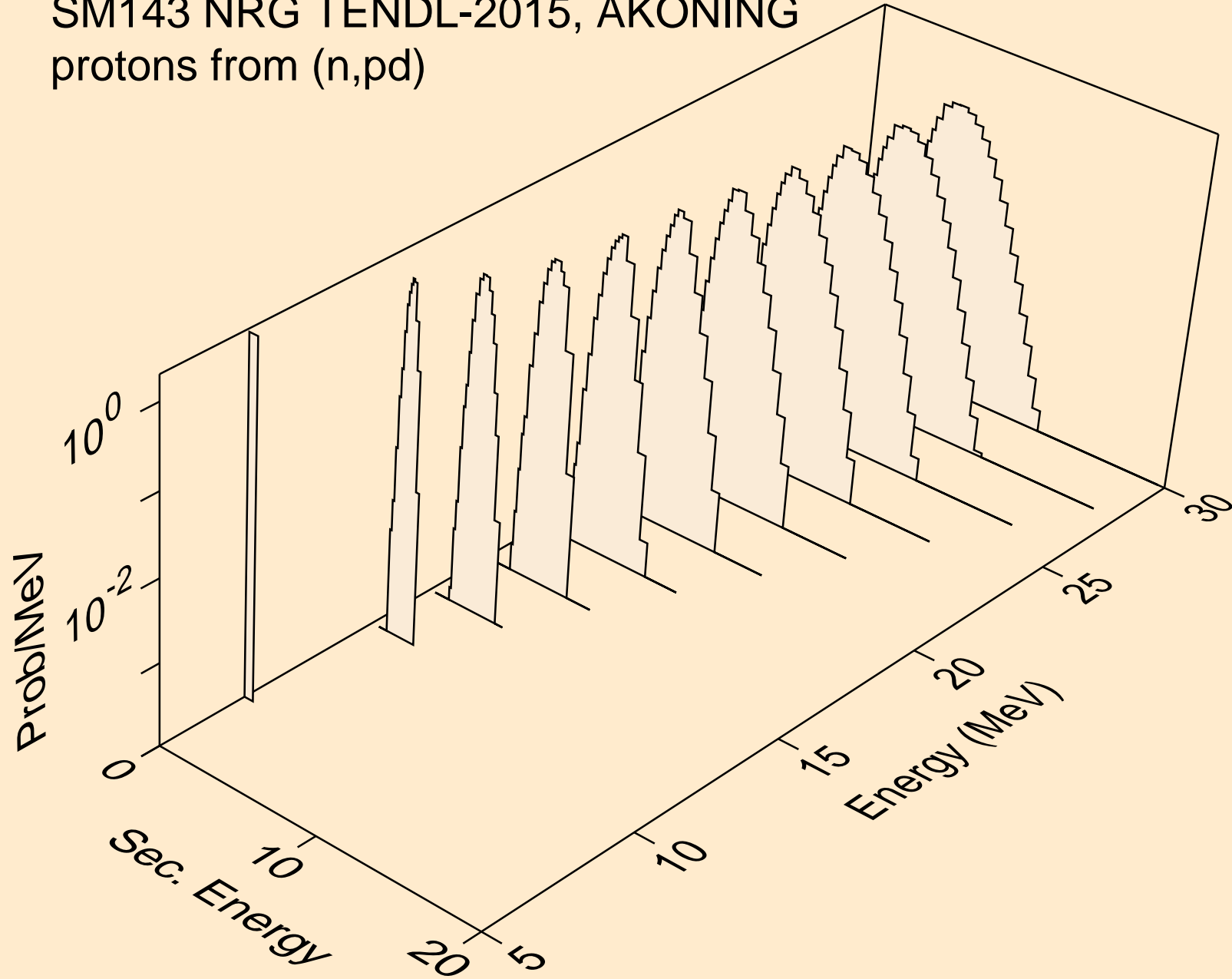
SM143 NRG TENDL-2015, AKONING  
protons from (n,2p)



SM143 NRG TENDL-2015, AKONING  
protons from (n,pa)

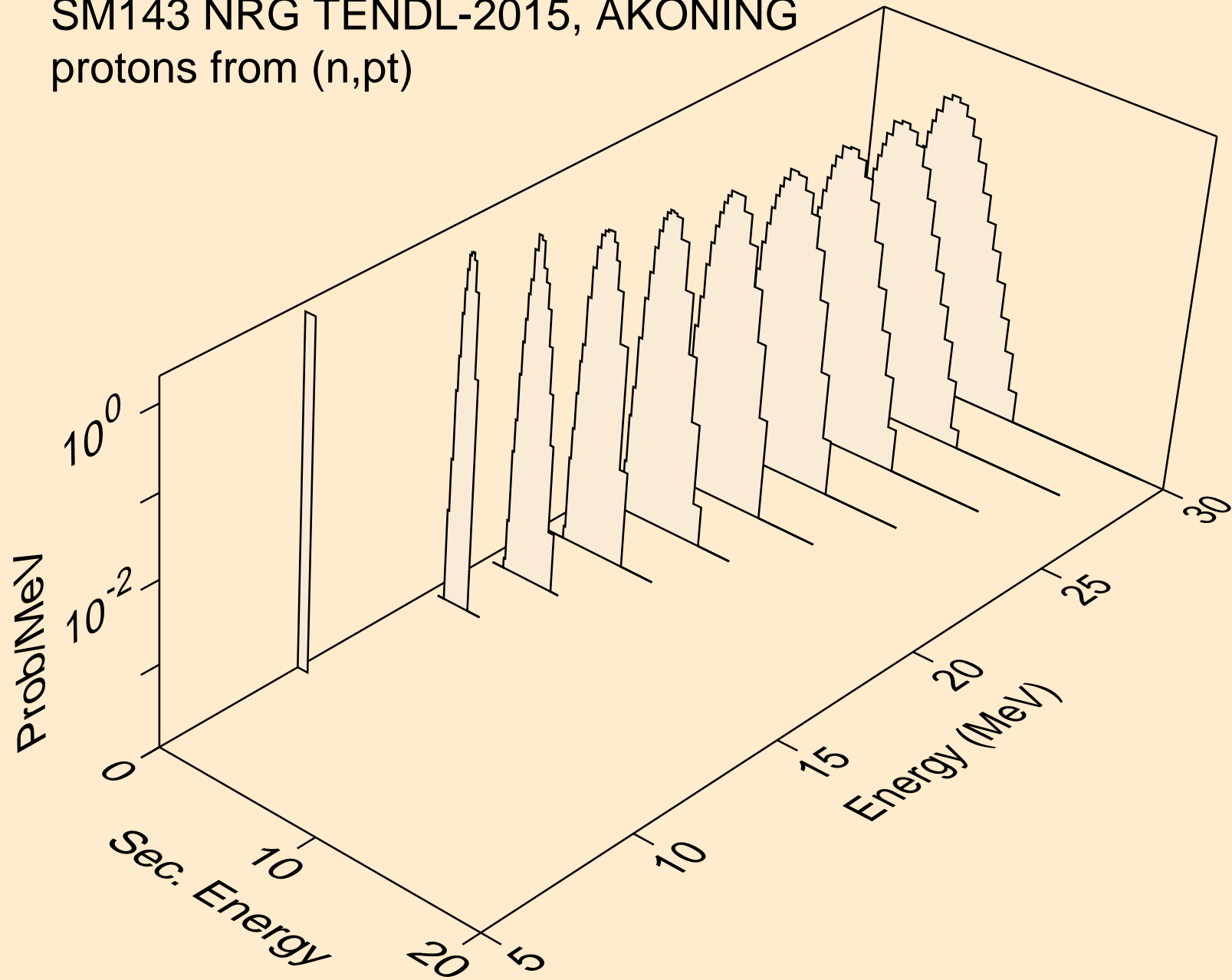


SM143 NRG TENDL-2015, AKONING  
protons from (n,pd)

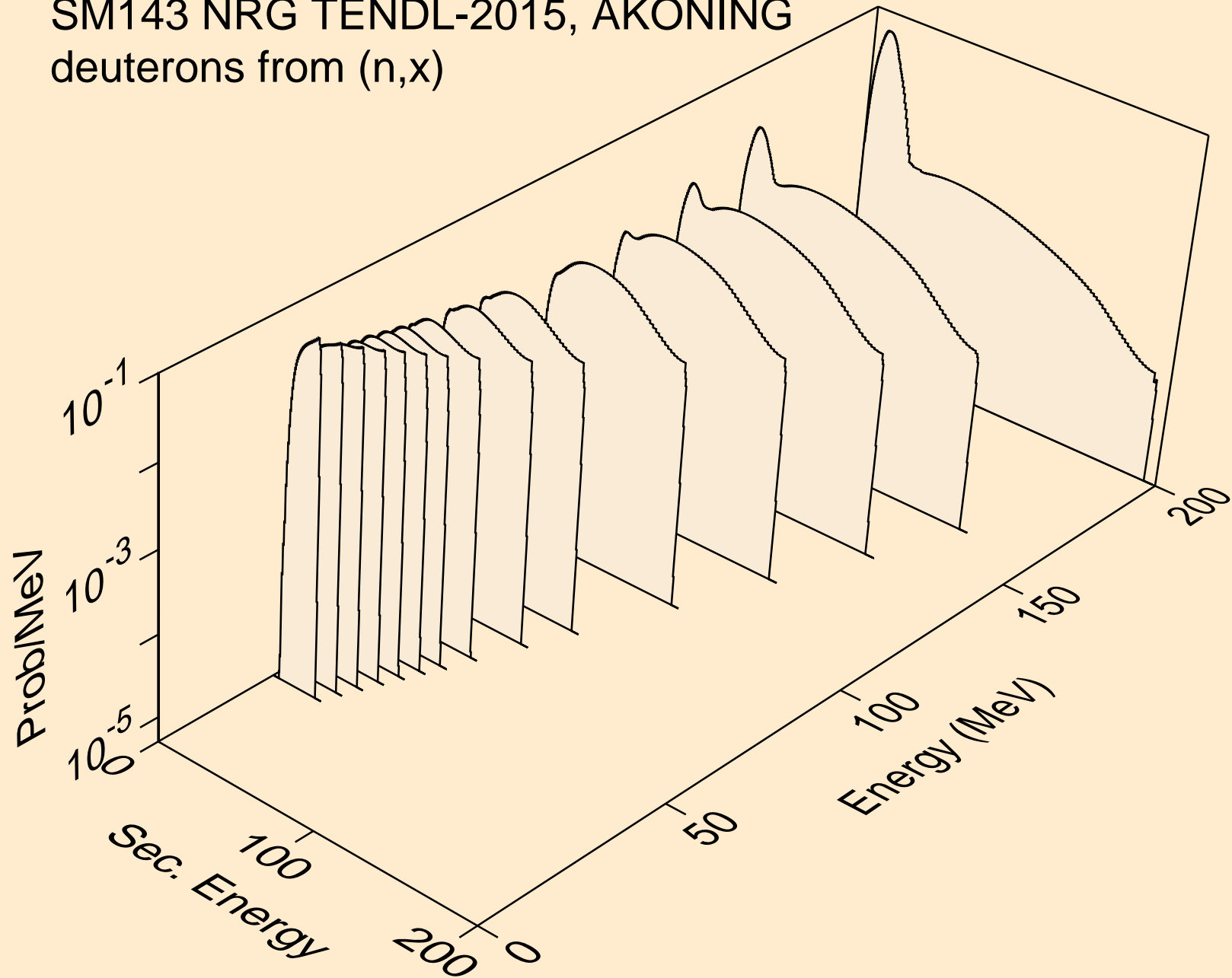




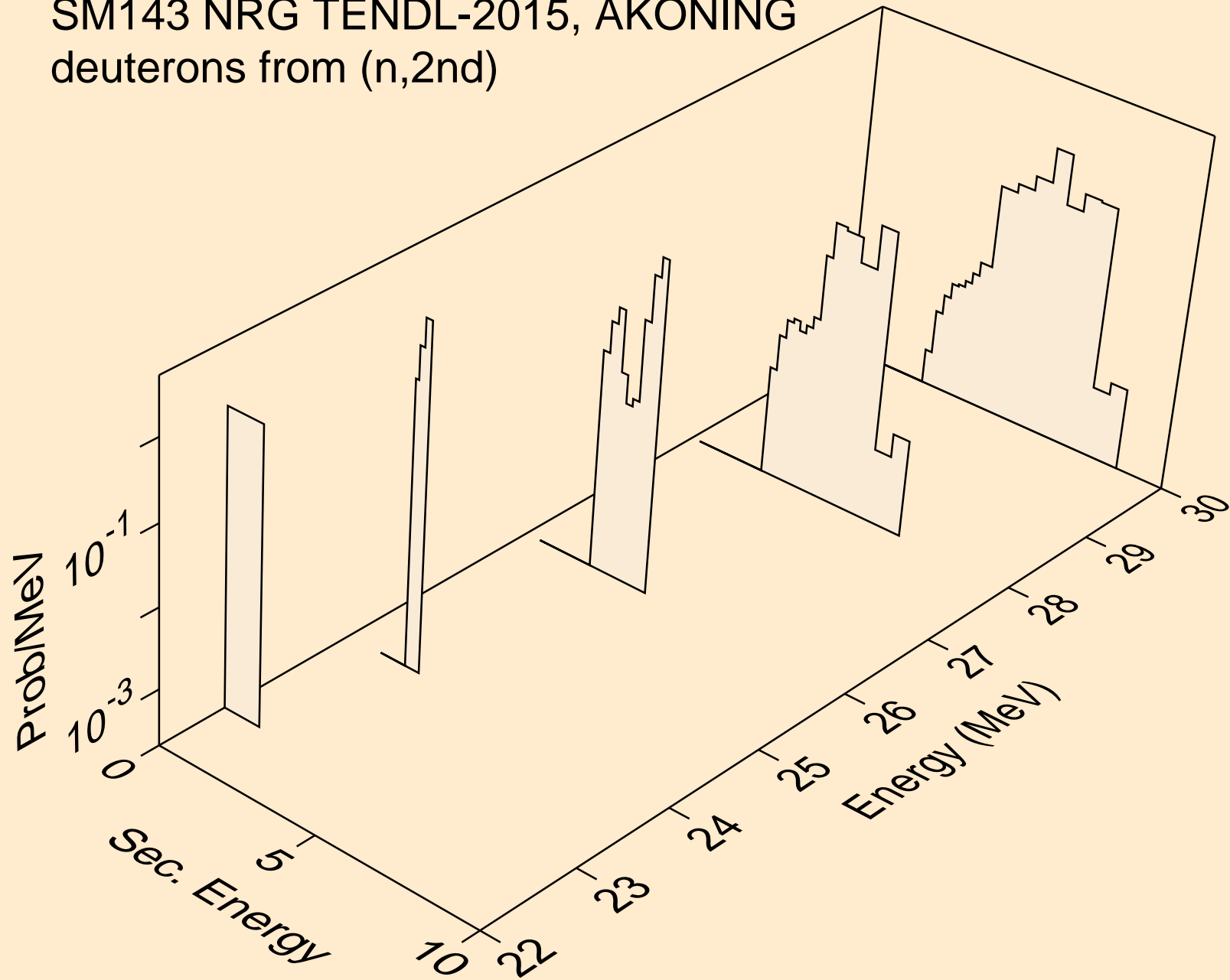
SM143 NRG TENDL-2015, AKONING  
protons from (n,pt)



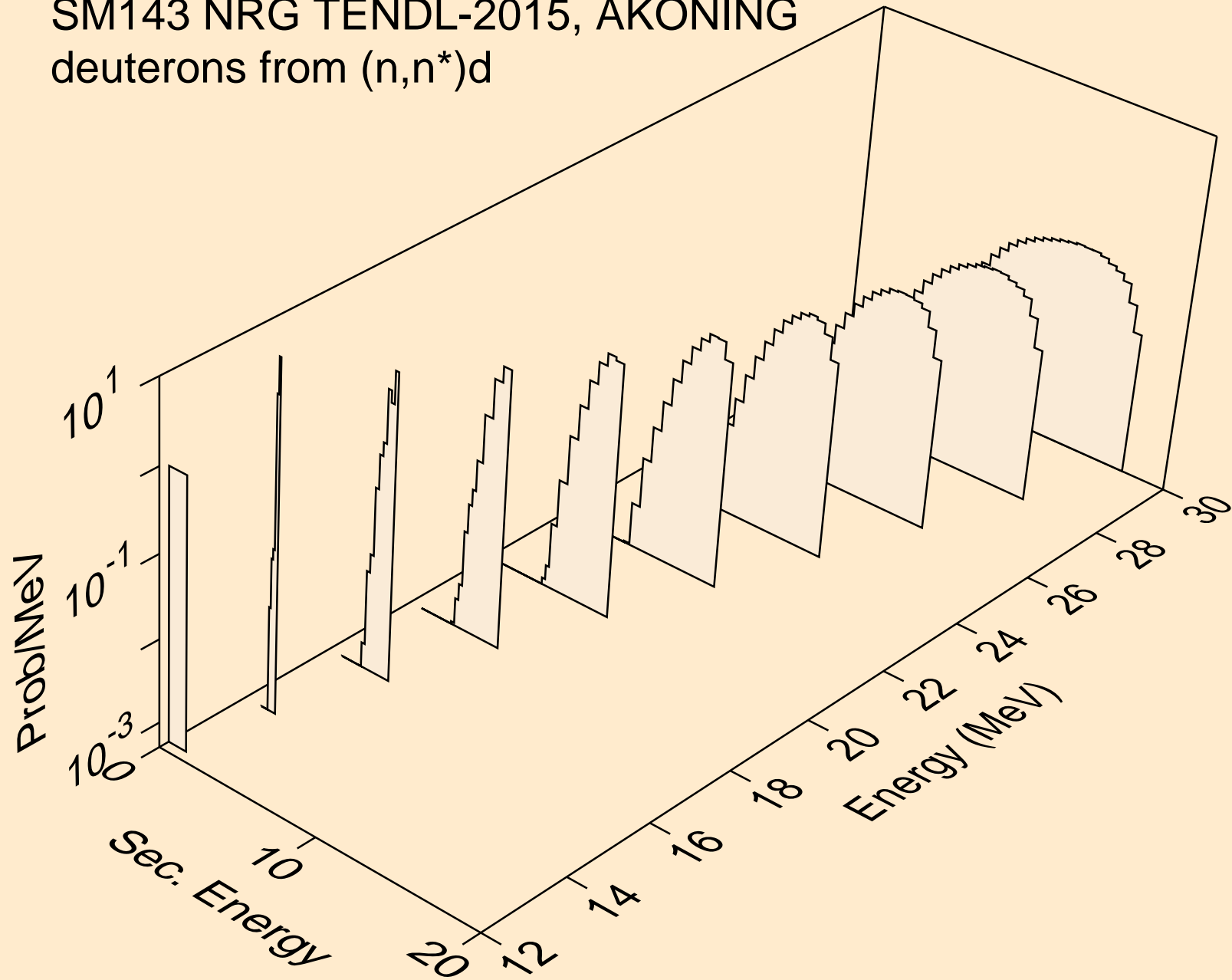
SM143 NRG TENDL-2015, AKONING  
deuterons from (n,x)



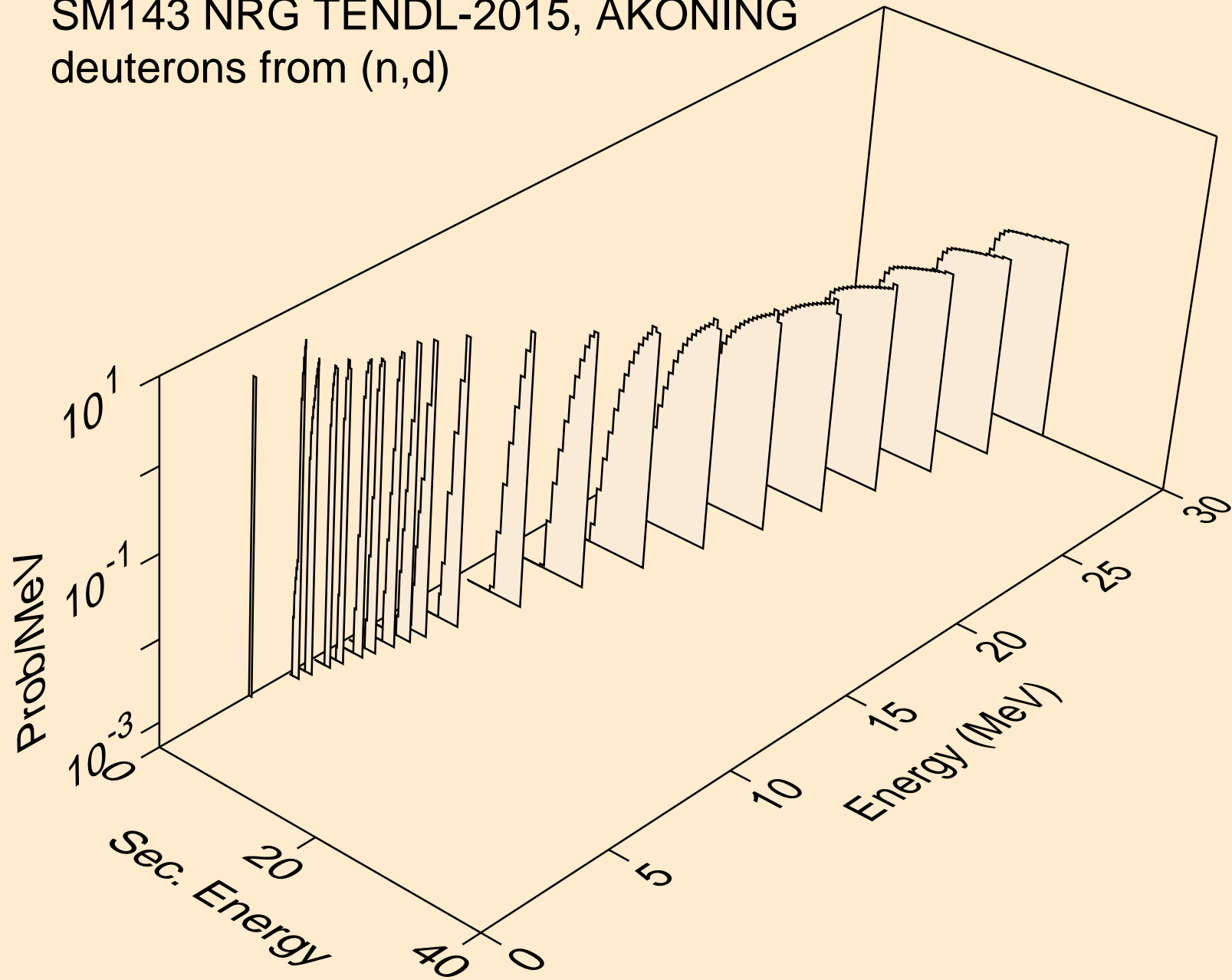
SM143 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



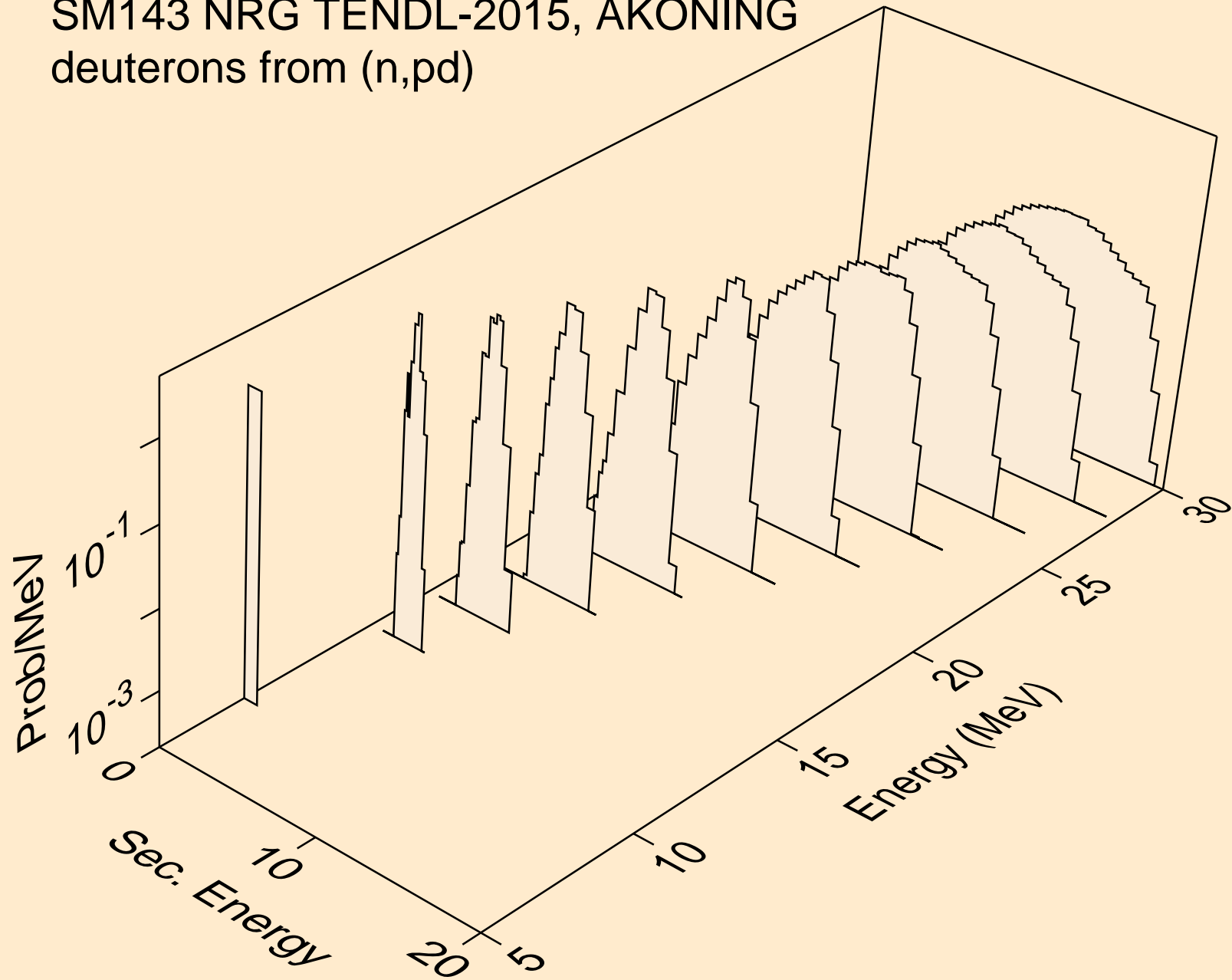
SM143 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



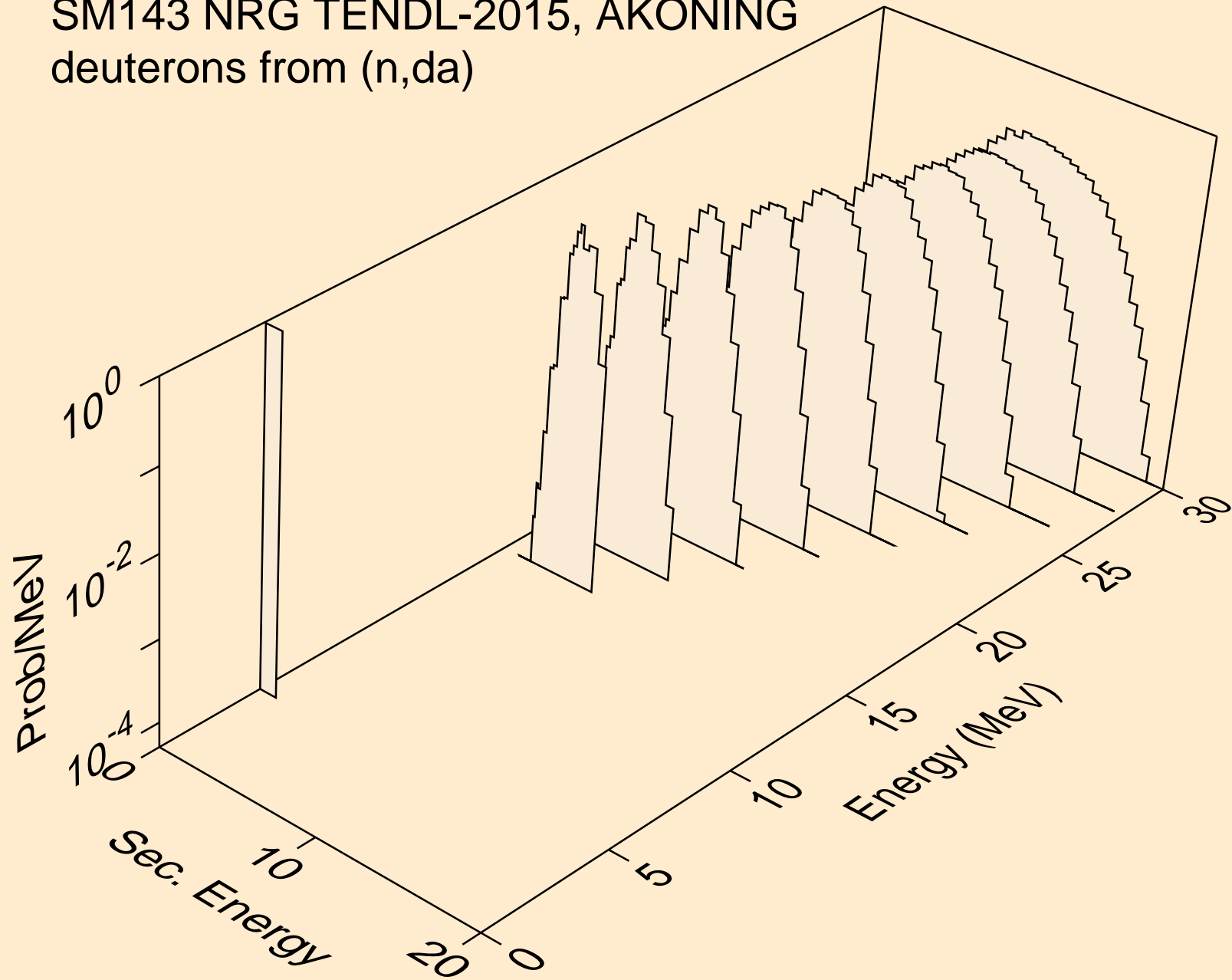
SM143 NRG TENDL-2015, AKONING  
deuterons from (n,d)



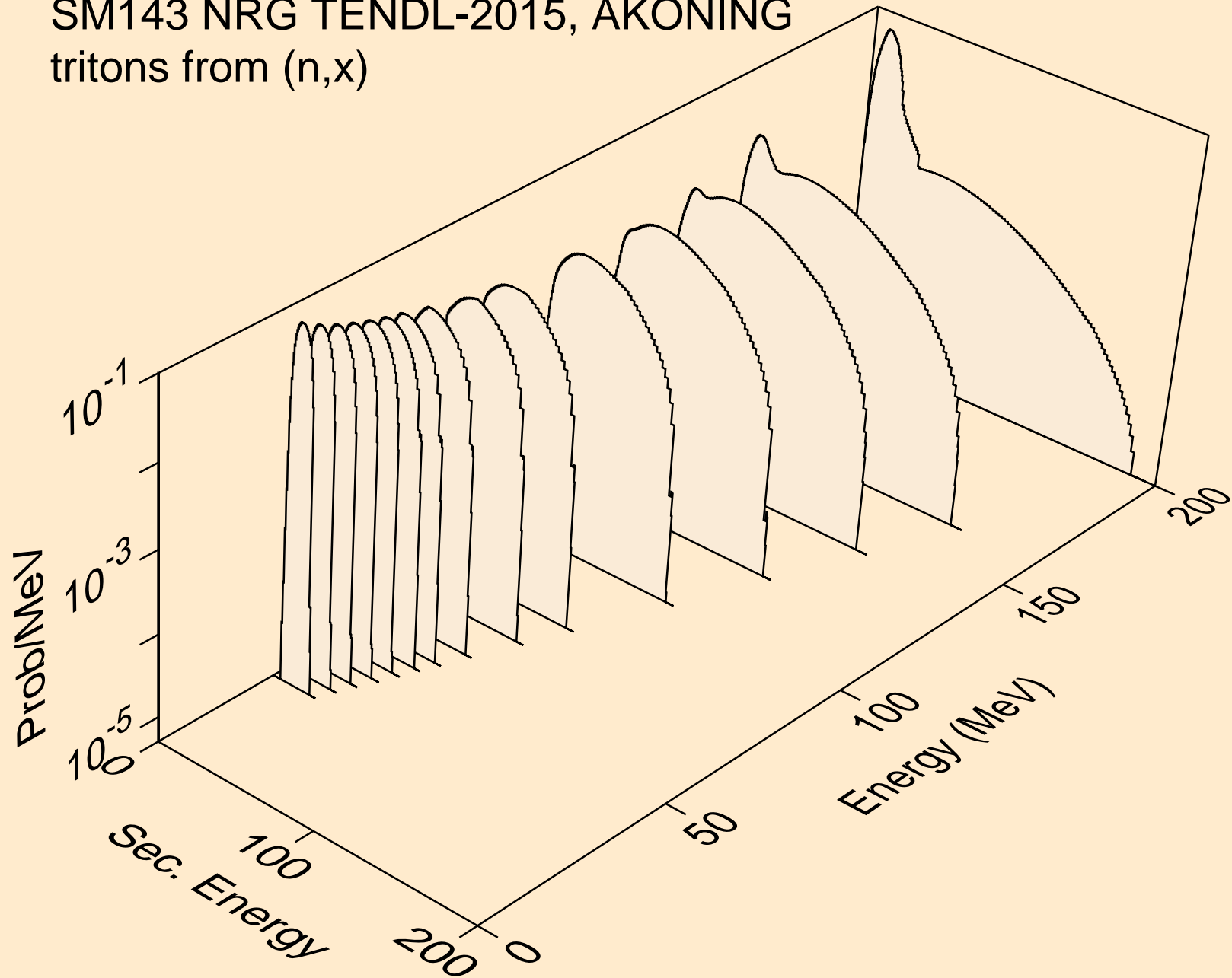
SM143 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



SM143 NRG TENDL-2015, AKONING  
deuterons from (n,da)

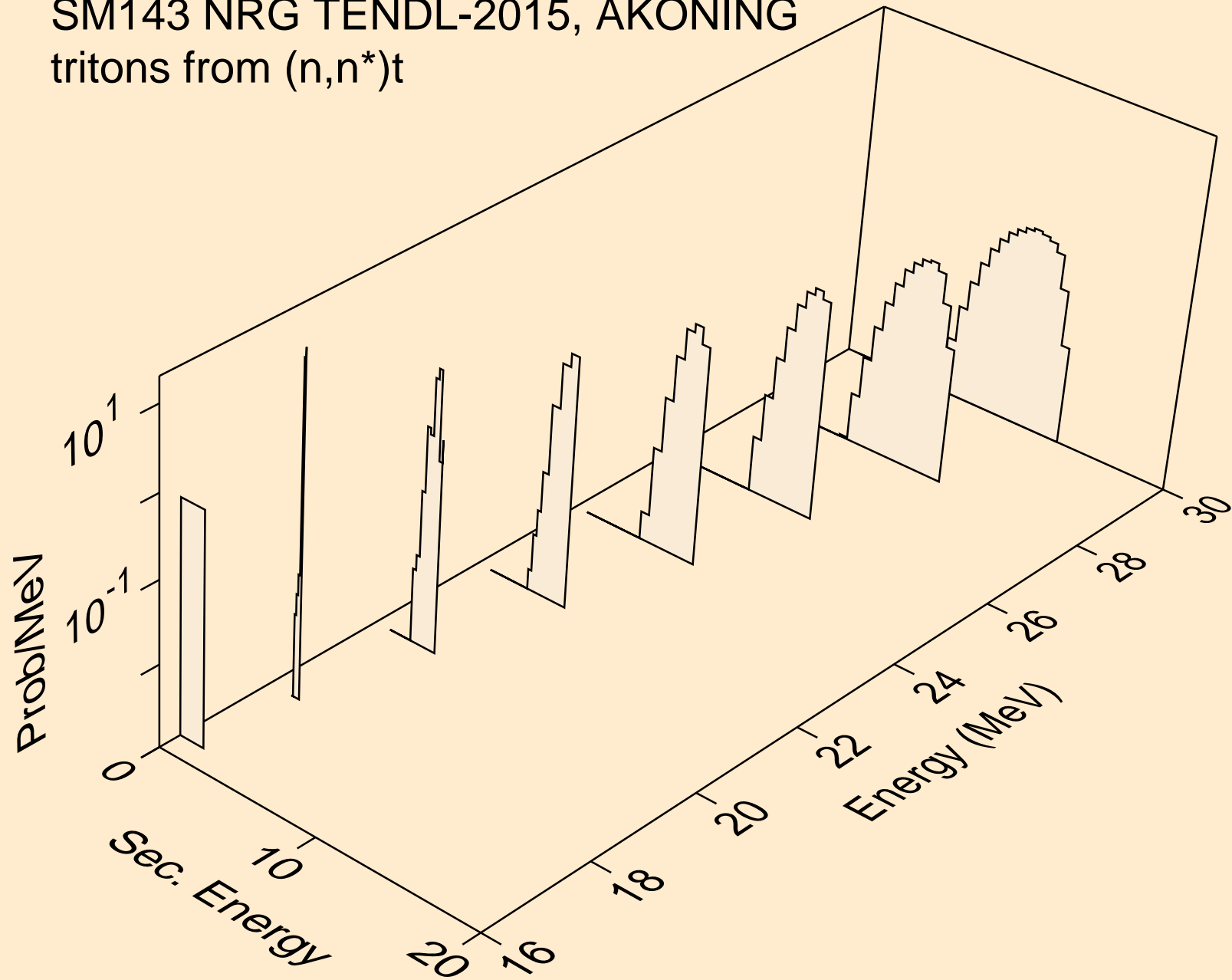


SM143 NRG TENDL-2015, AKONING  
tritons from (n,x)

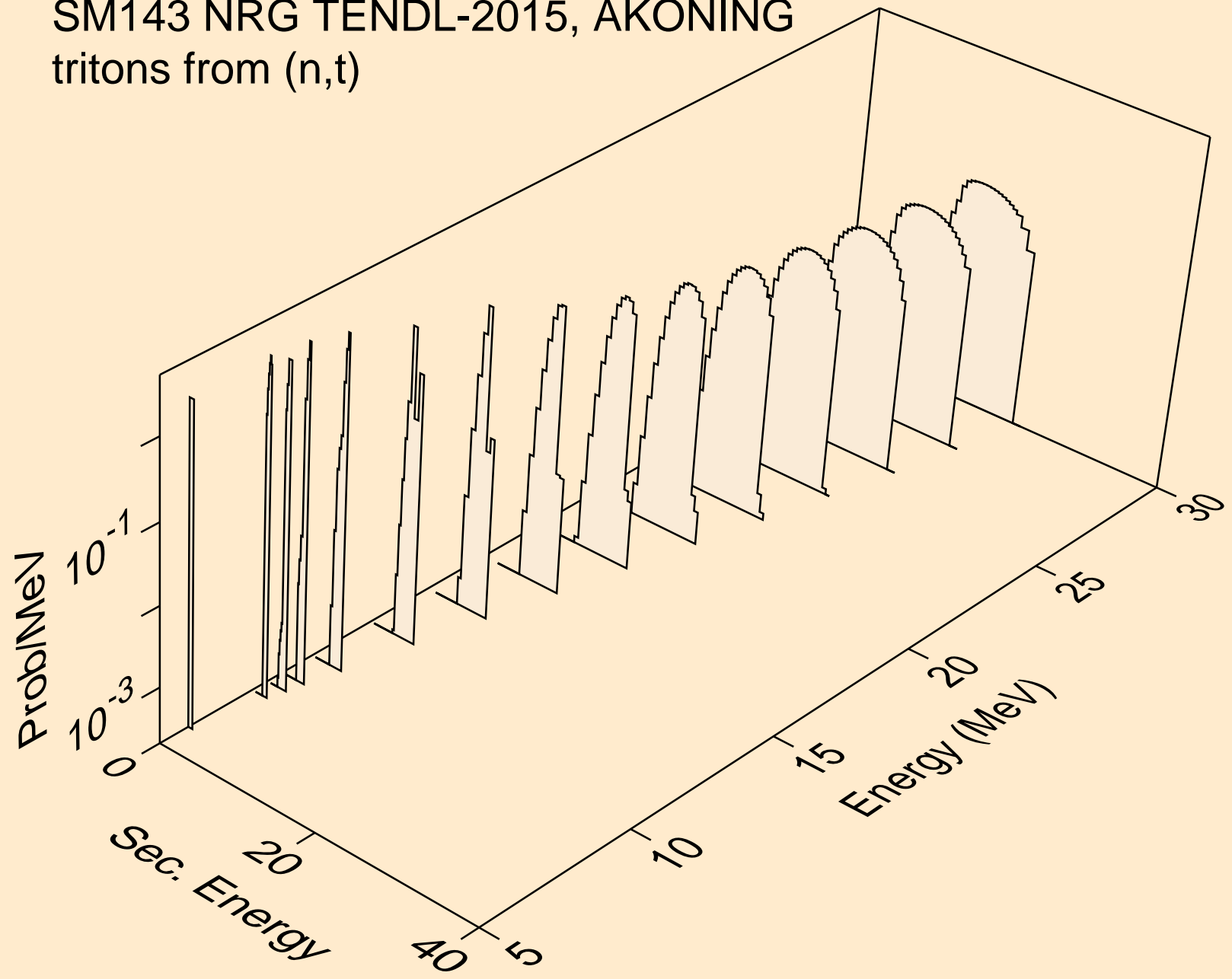




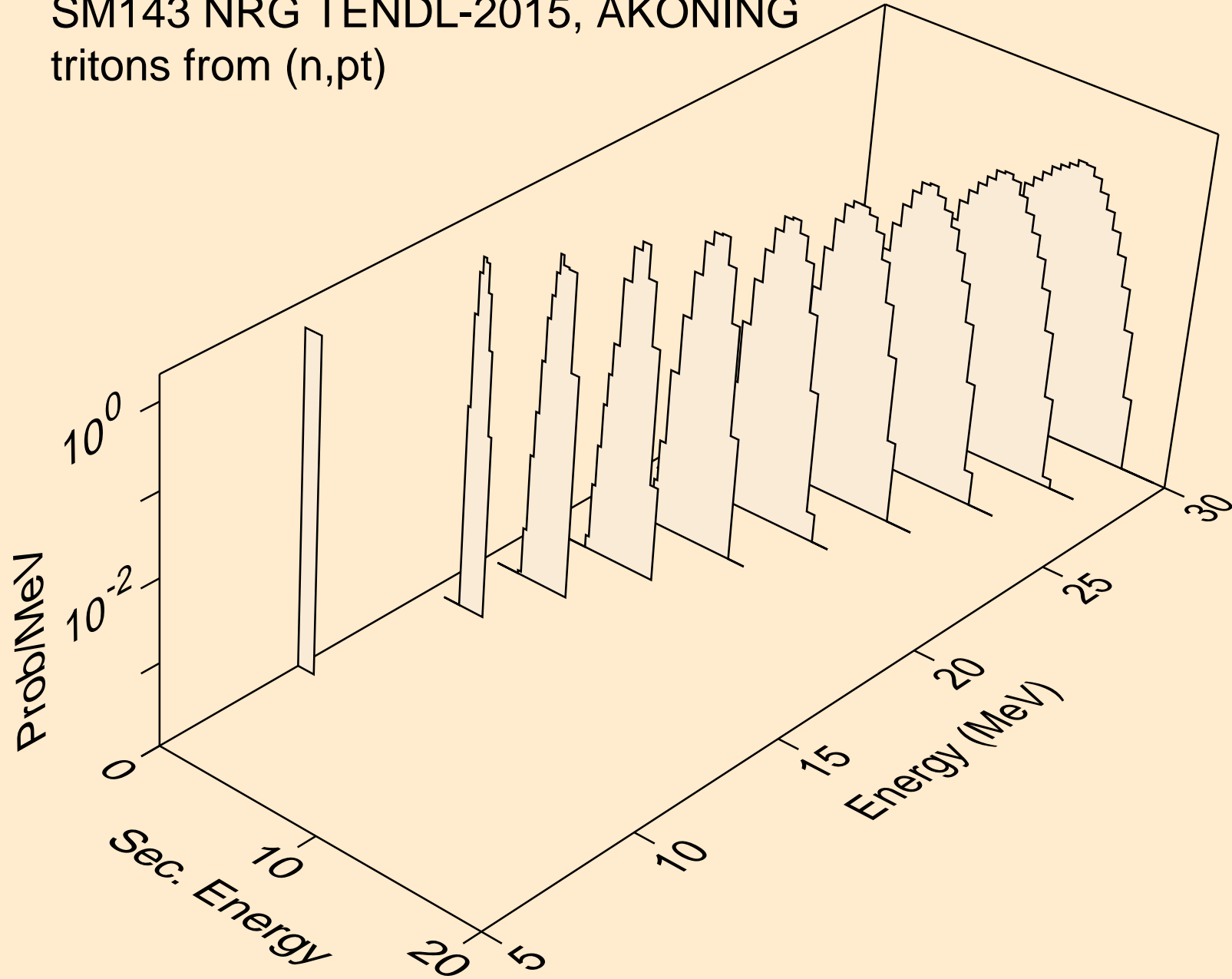
SM143 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



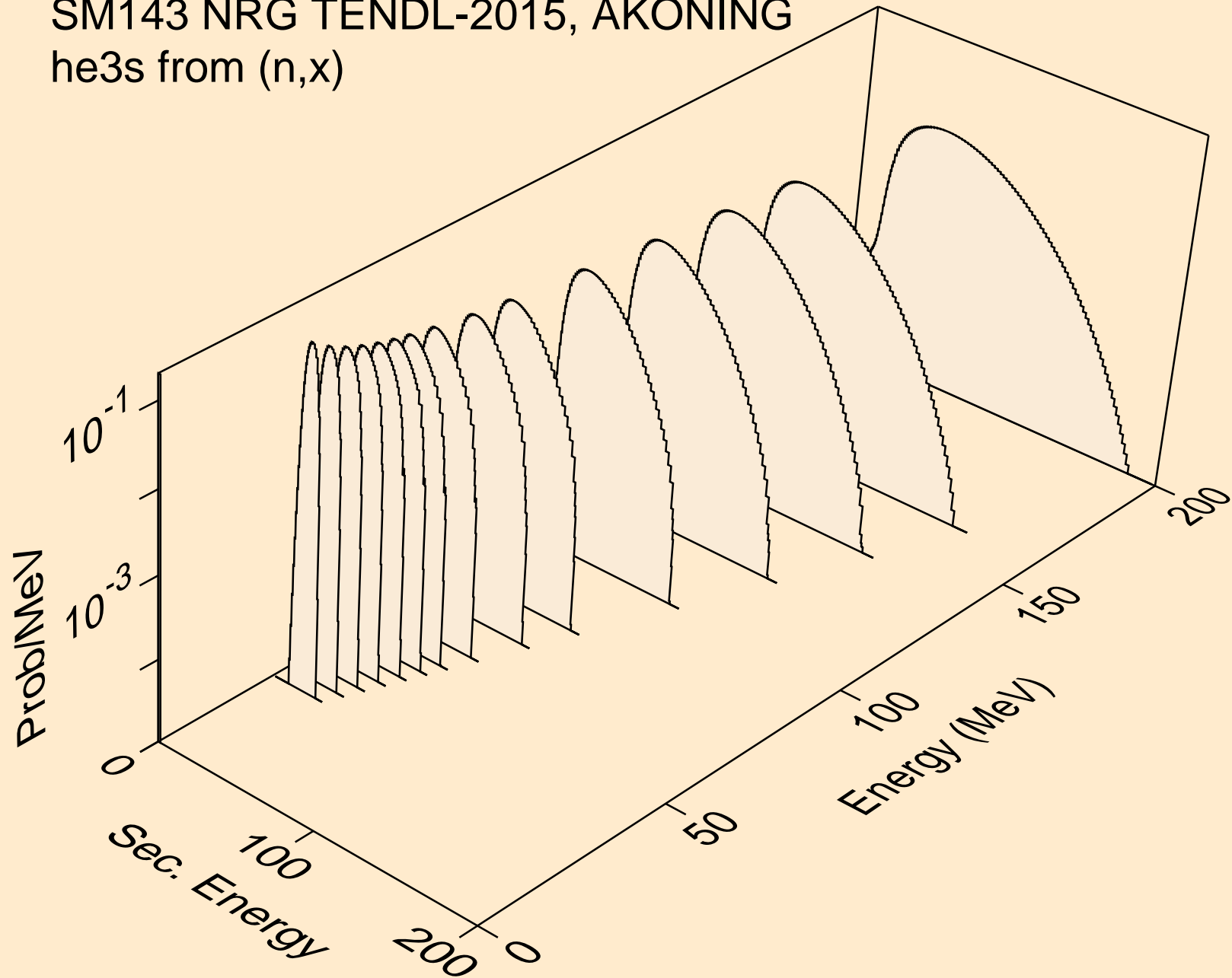
SM143 NRG TENDL-2015, AKONING  
tritons from (n,t)



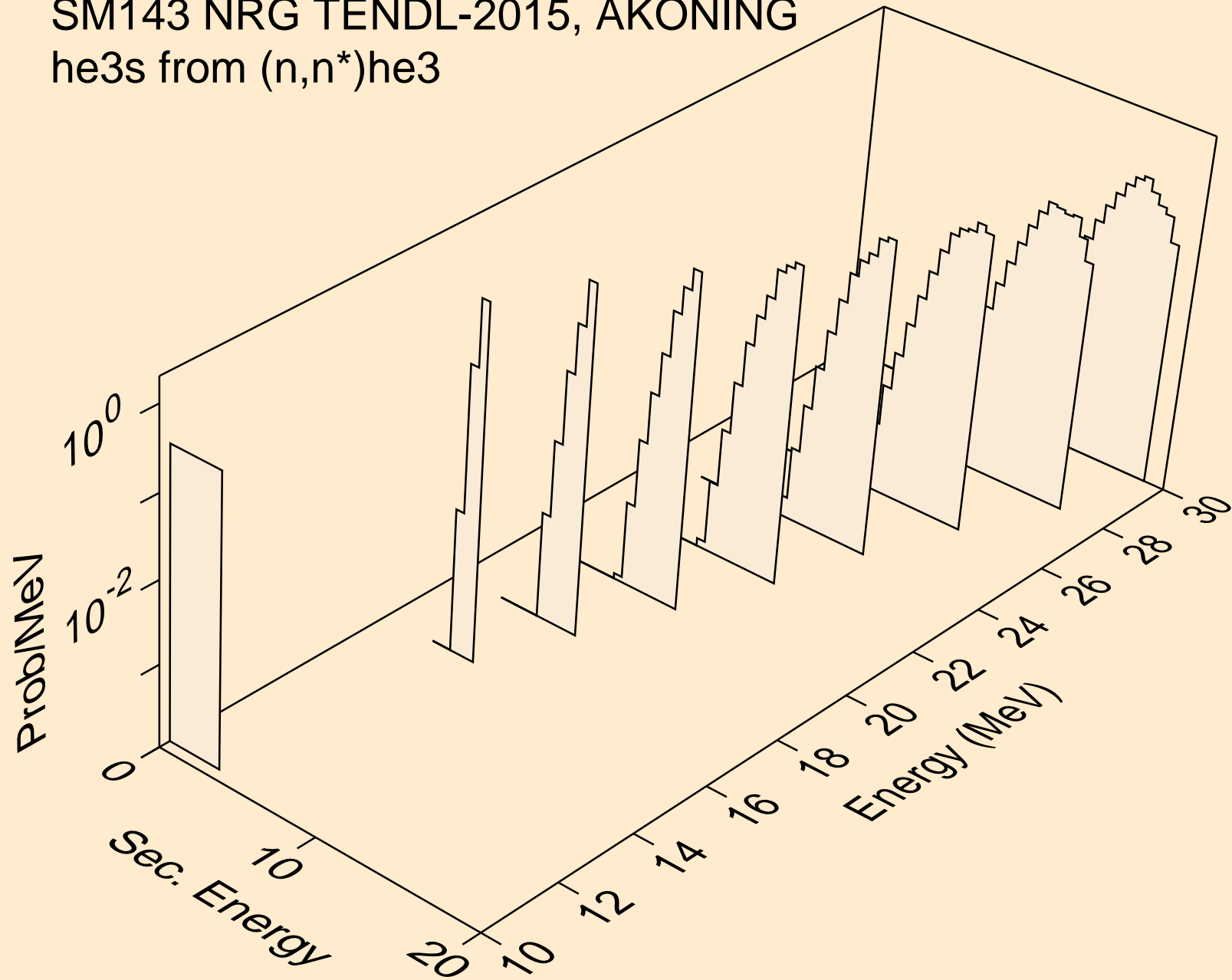
SM143 NRG TENDL-2015, AKONING  
tritons from (n,pt)



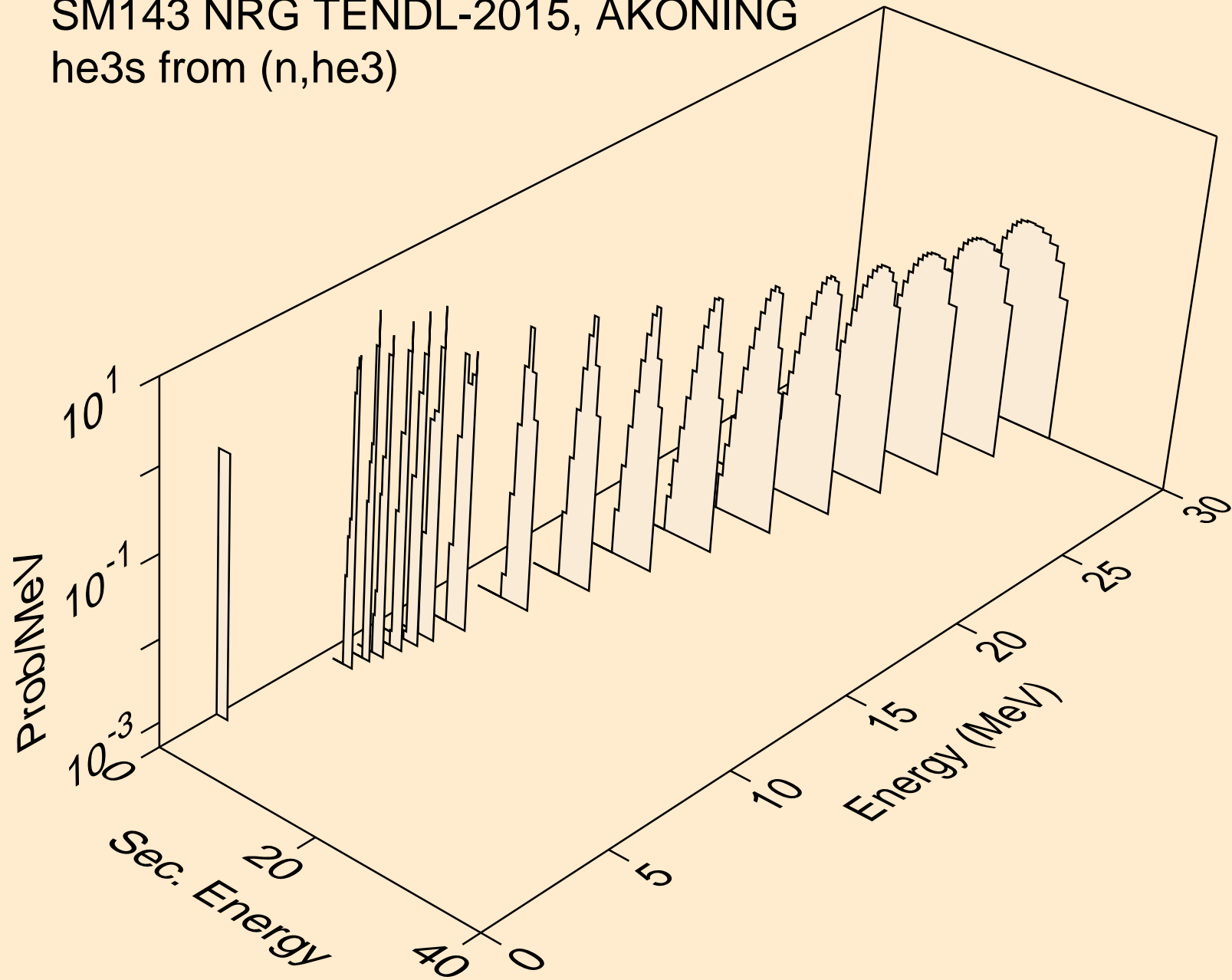
SM143 NRG TENDL-2015, AKONING  
he3s from (n,x)



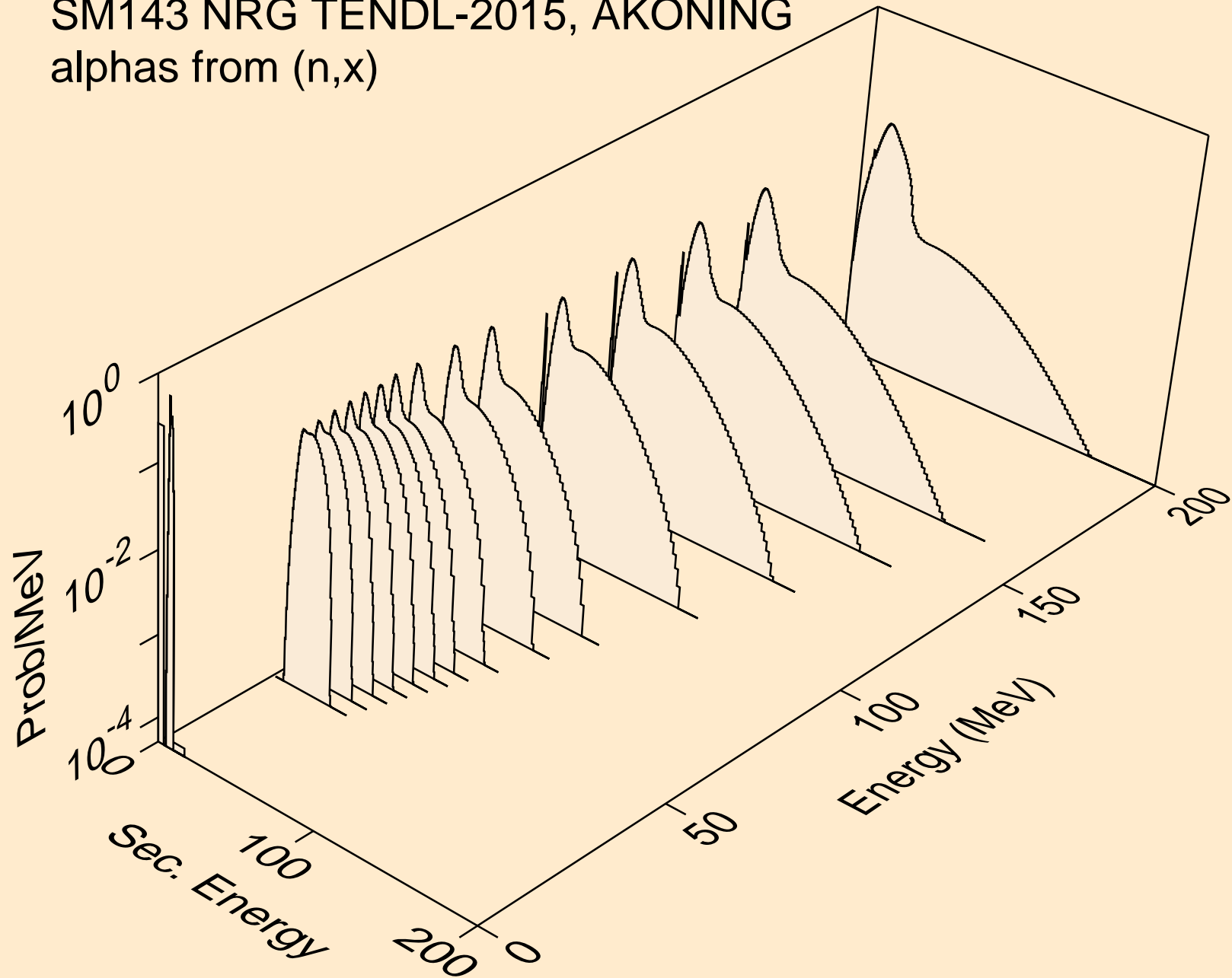
SM143 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



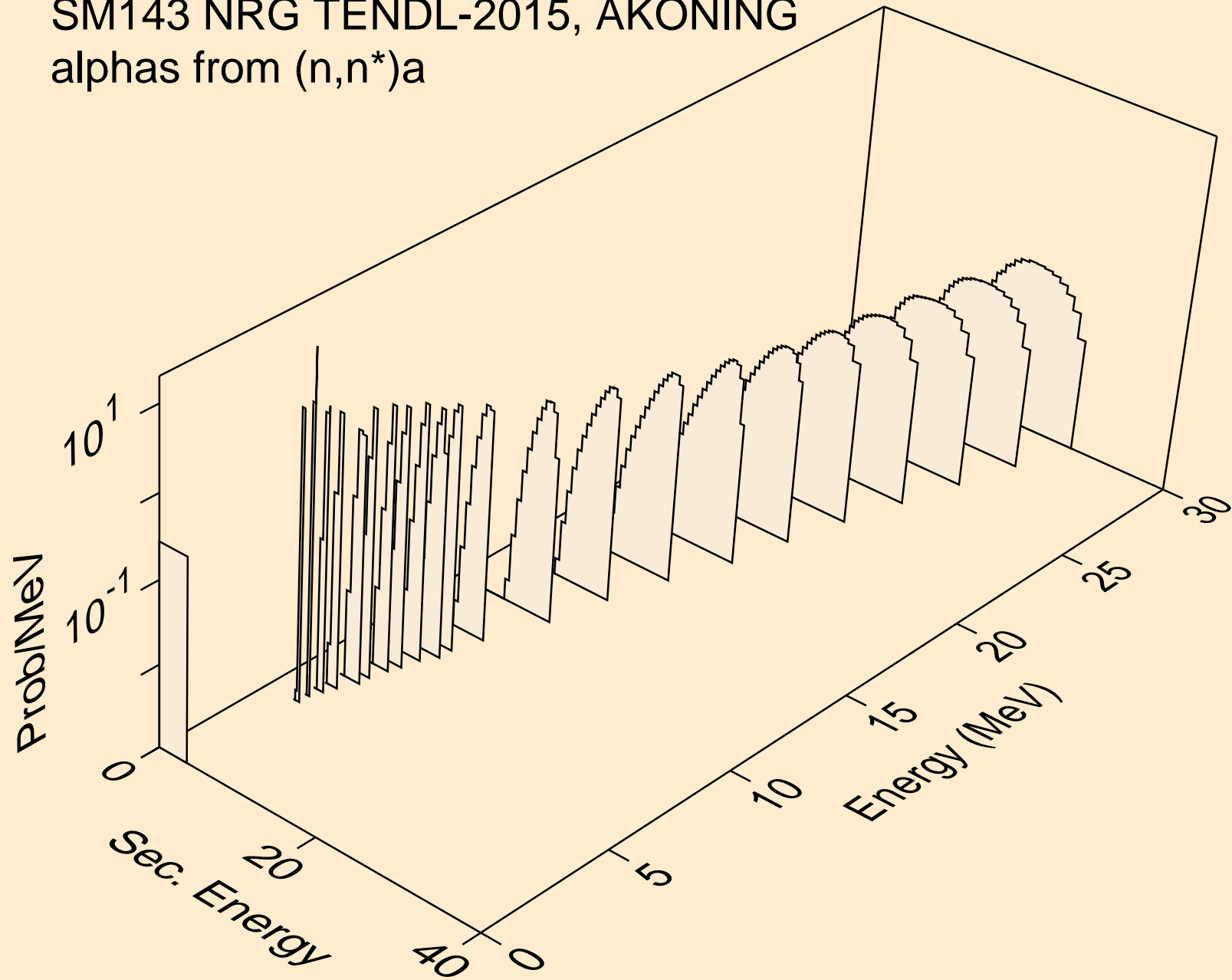
SM143 NRG TENDL-2015, AKONING  
he3s from (n,he3)



SM143 NRG TENDL-2015, AKONING  
alphas from (n,x)

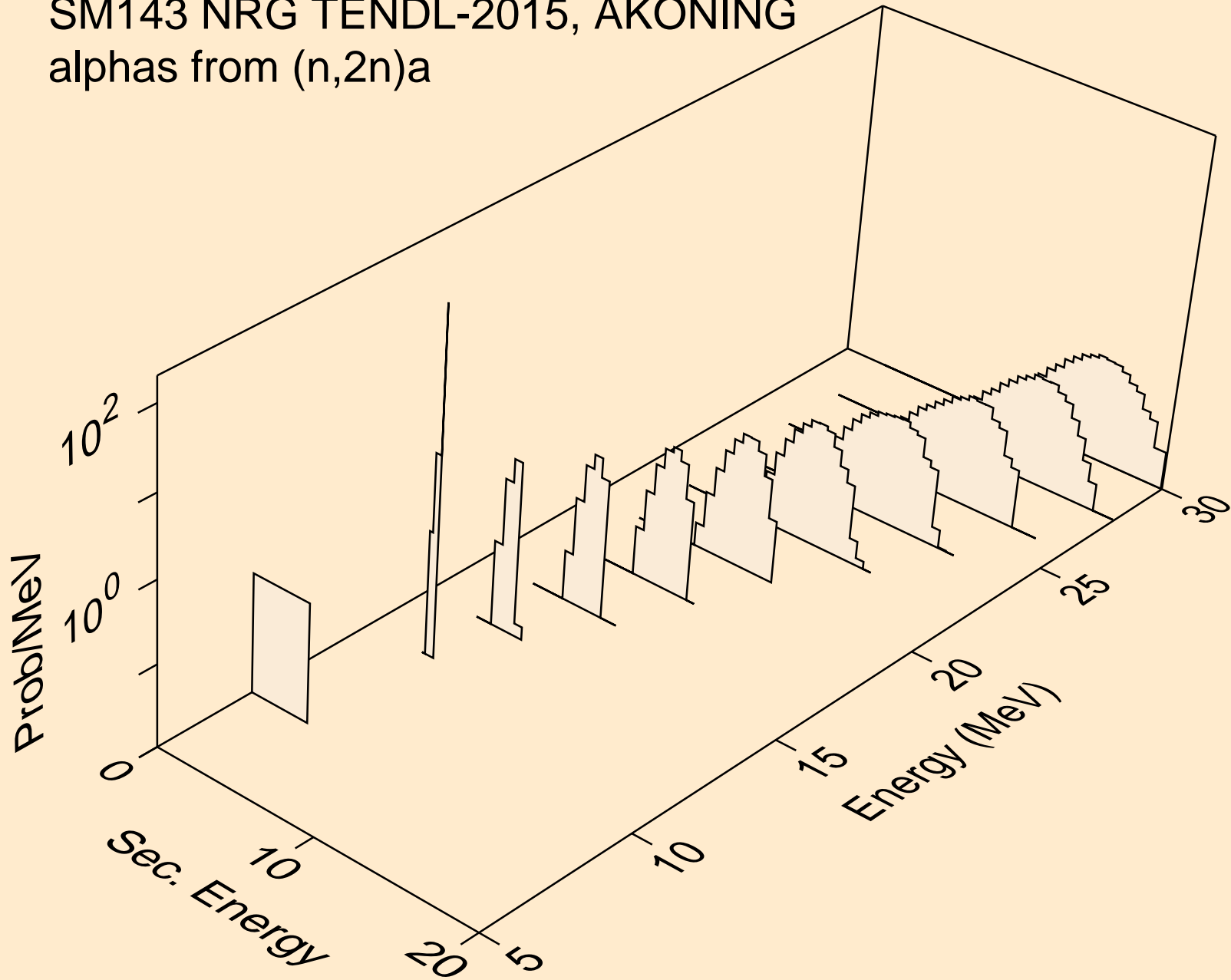


SM143 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

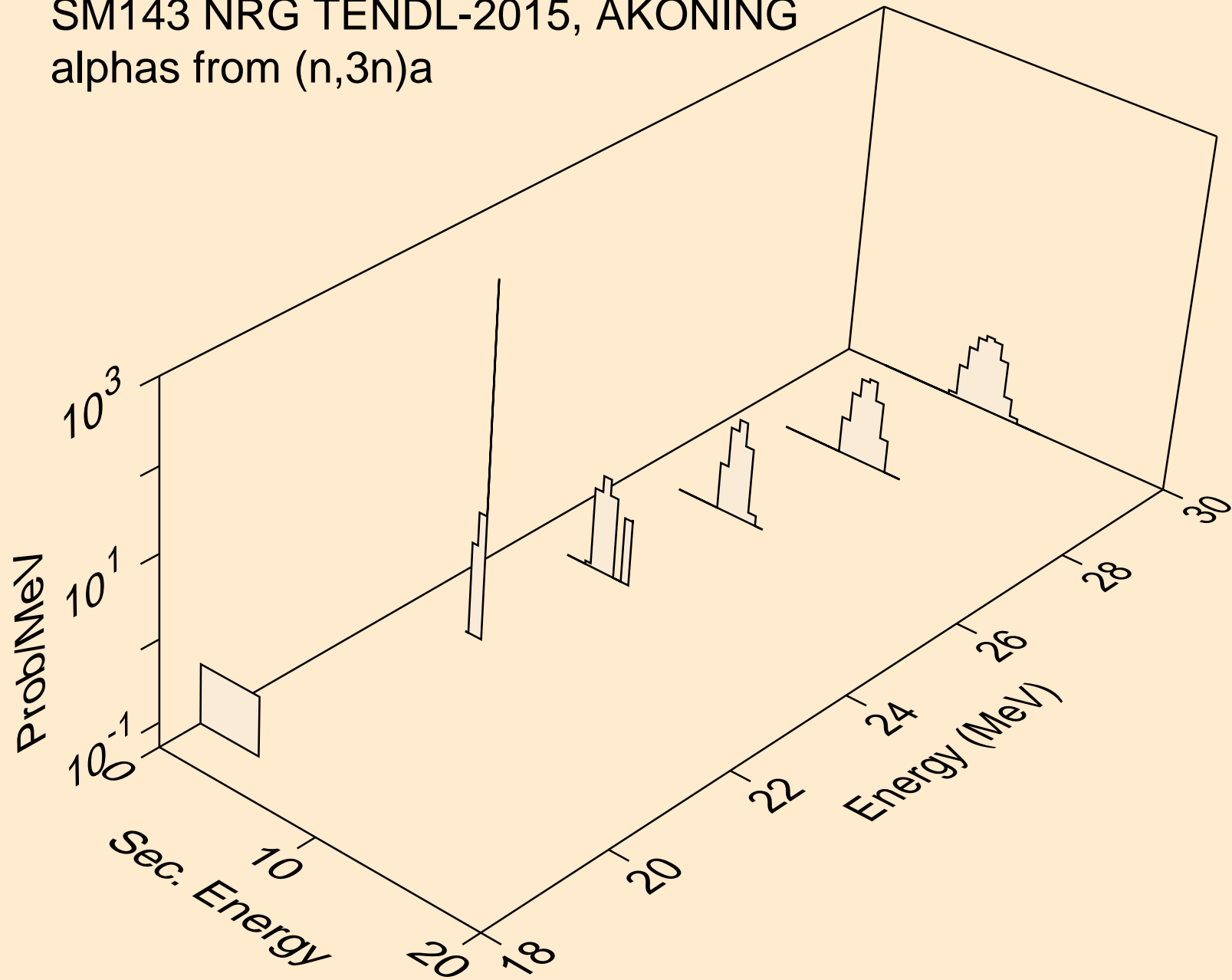




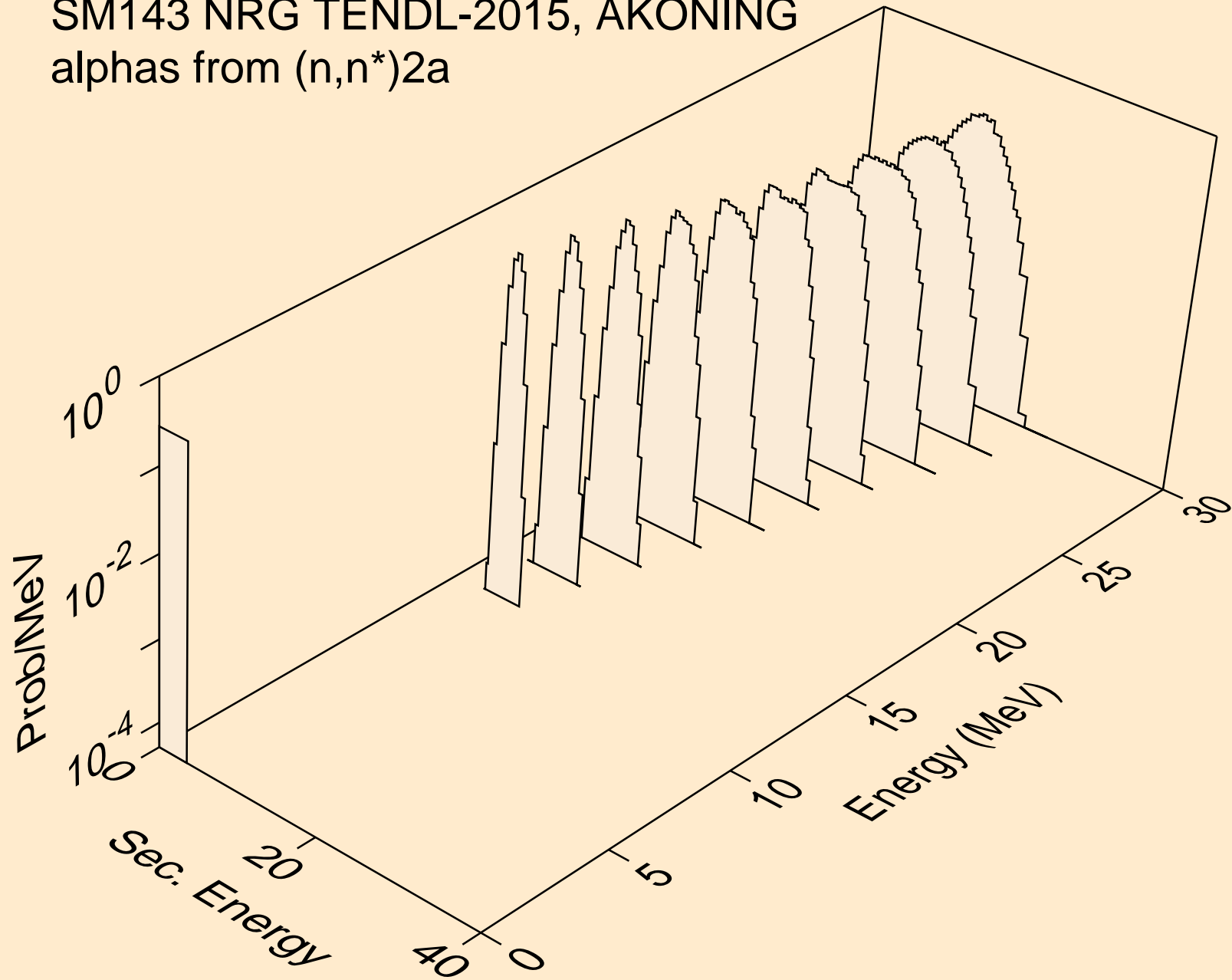
SM143 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



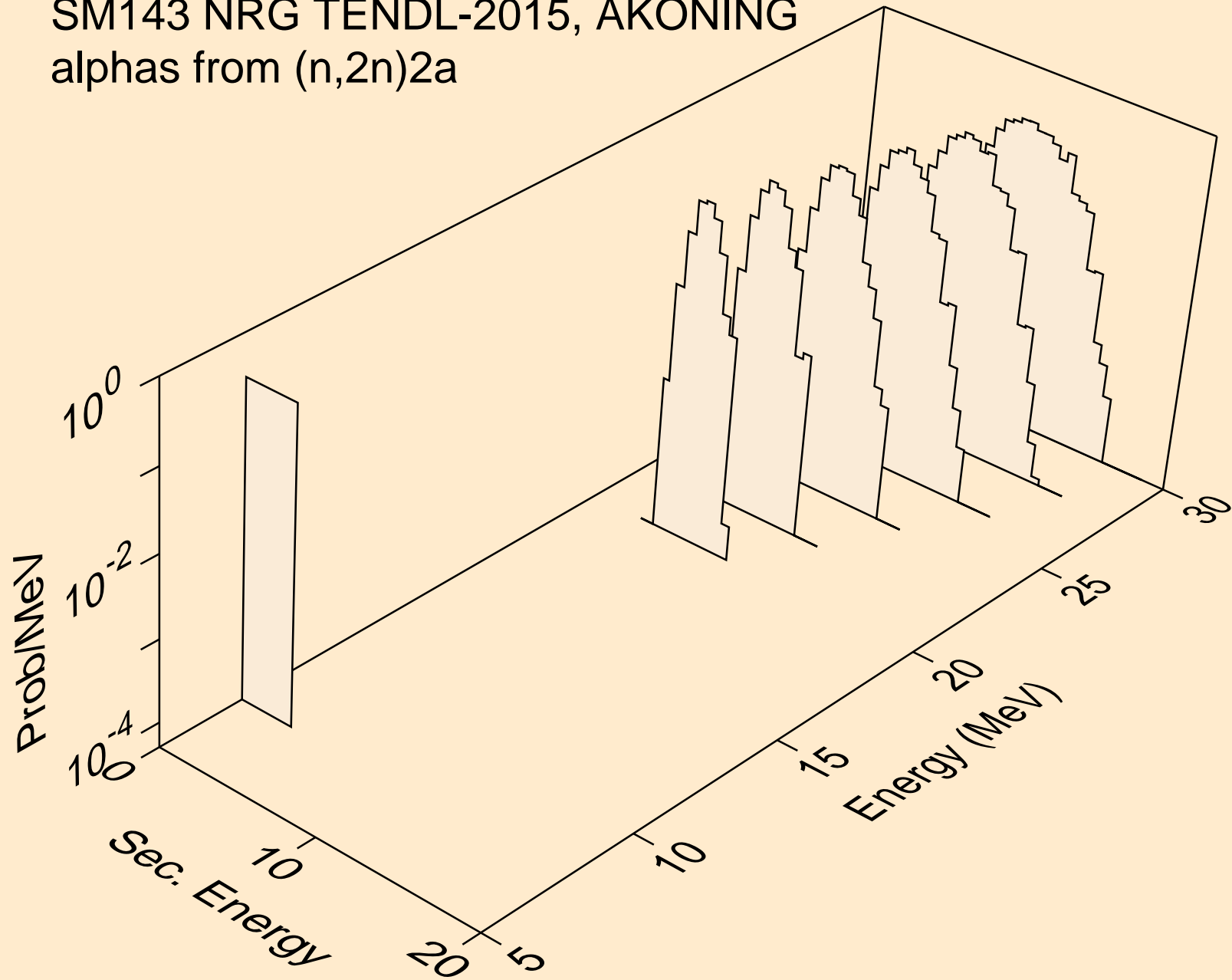
SM143 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



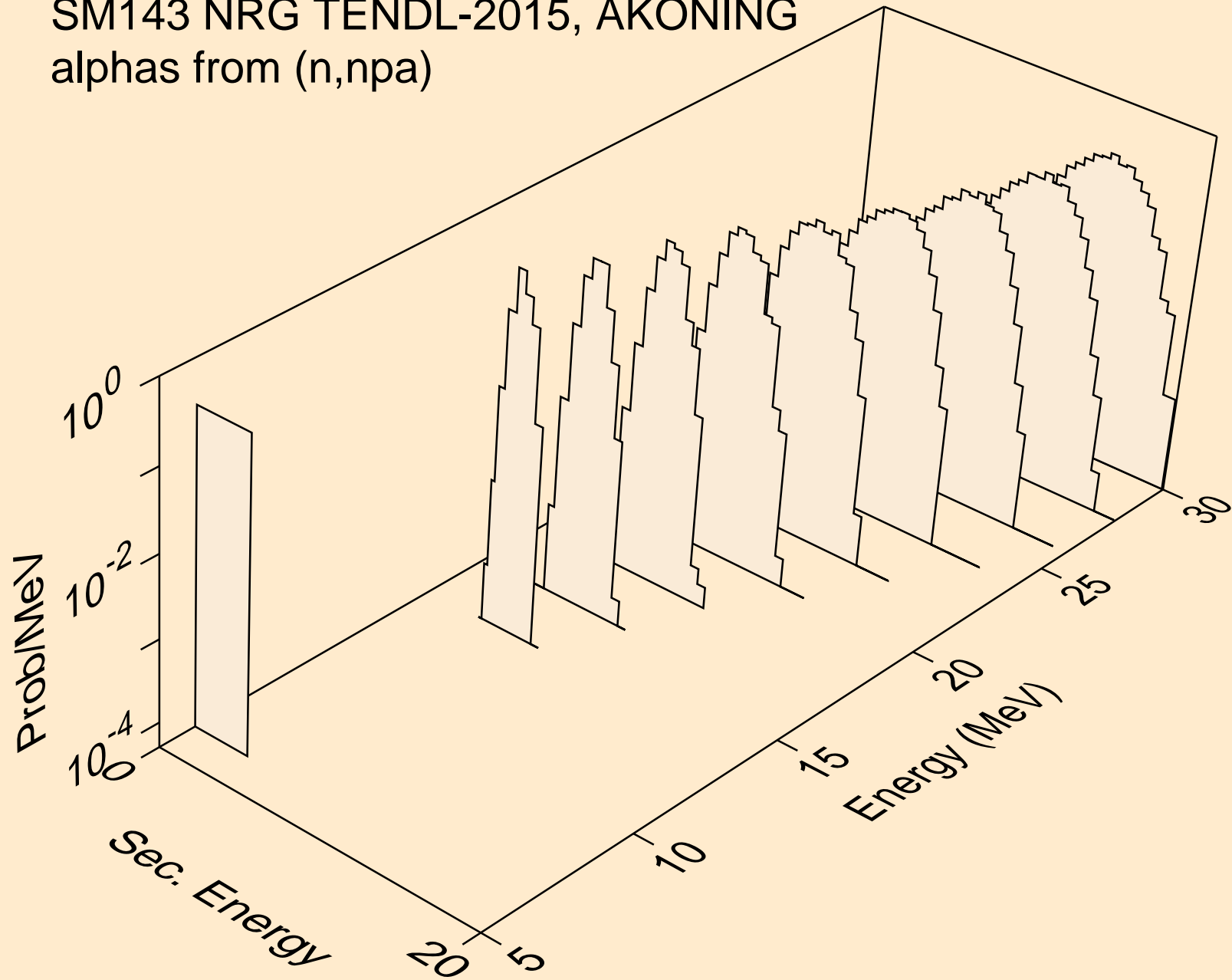
SM143 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



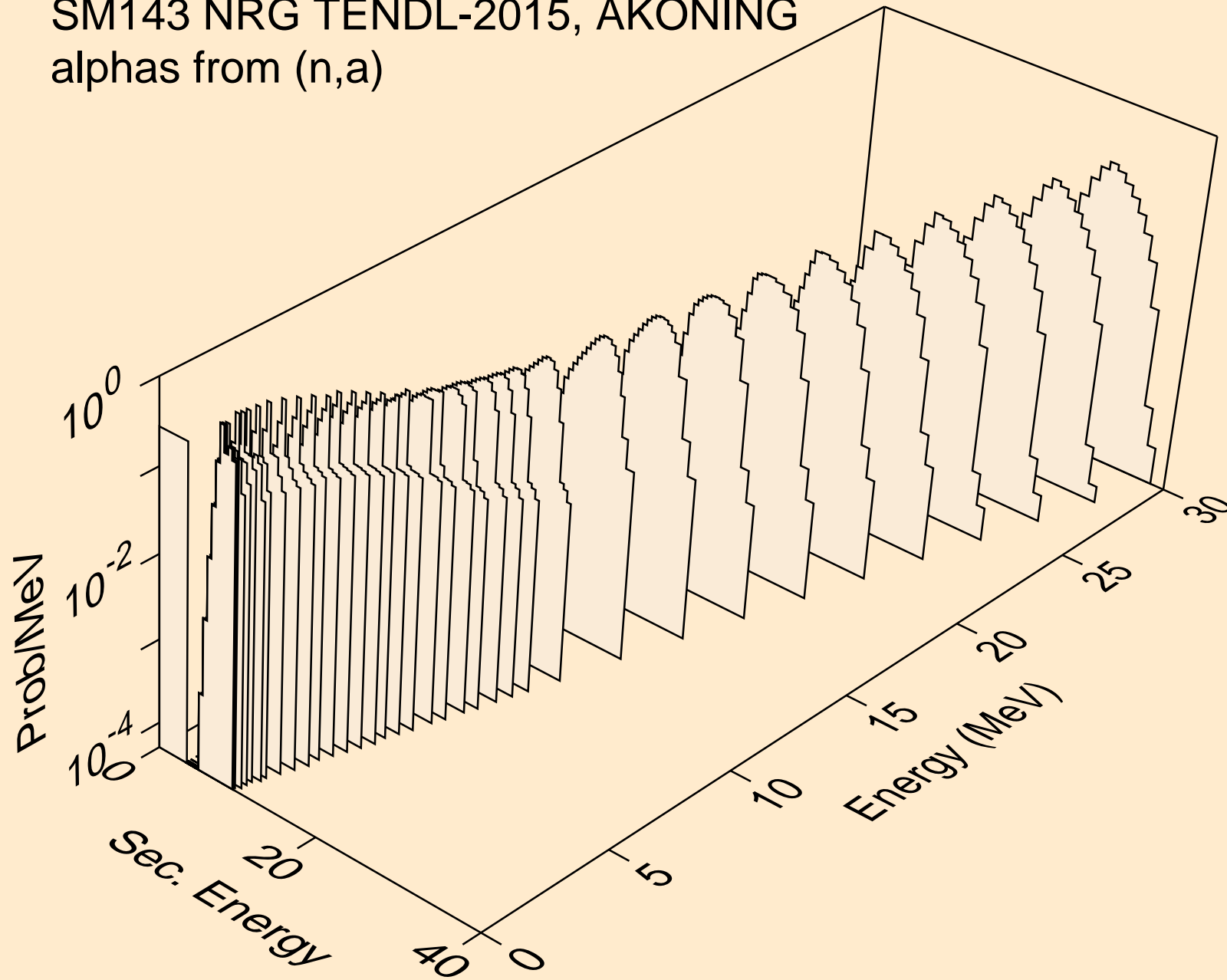
SM143 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



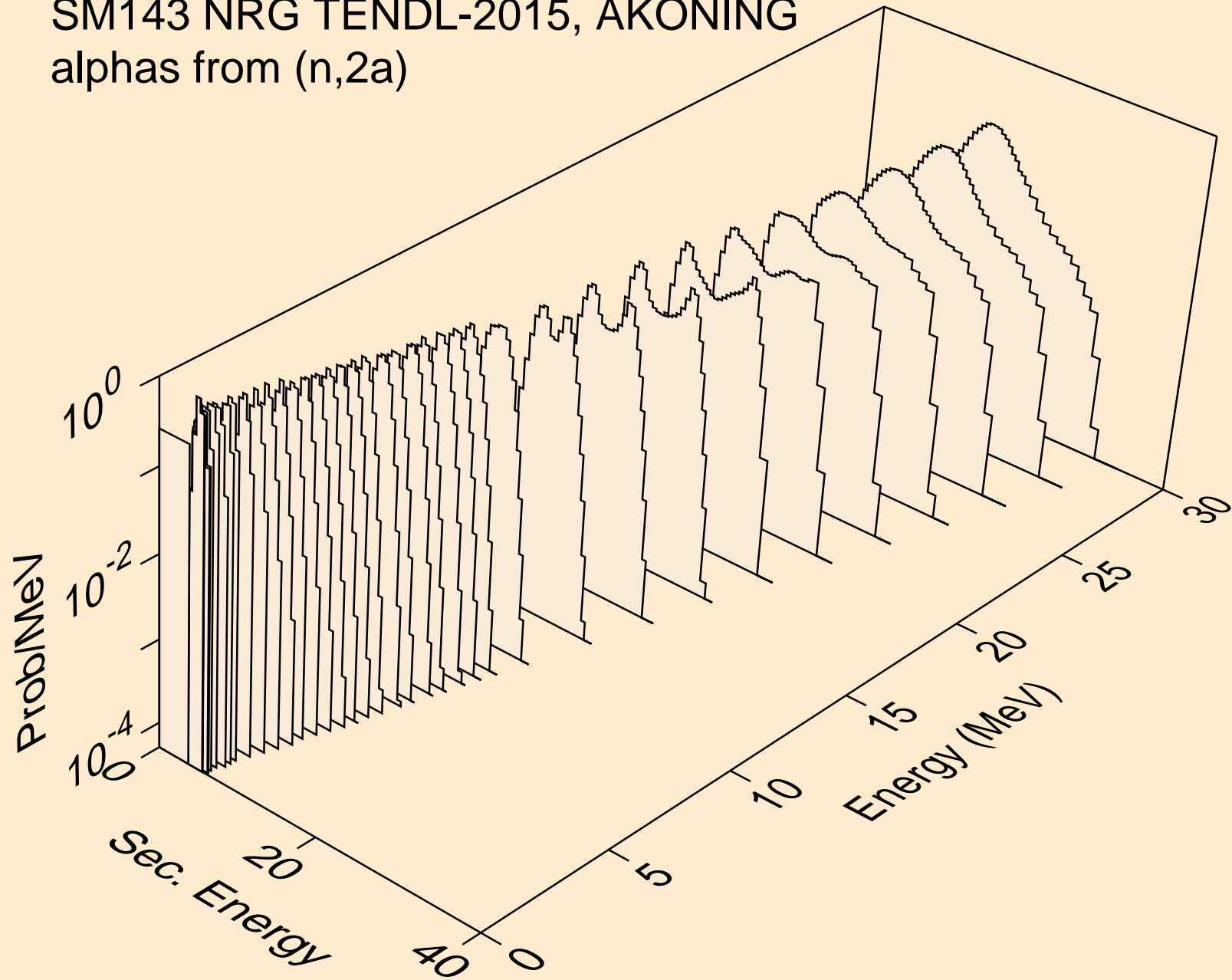
SM143 NRG TENDL-2015, AKONING  
alphas from (n,npa)



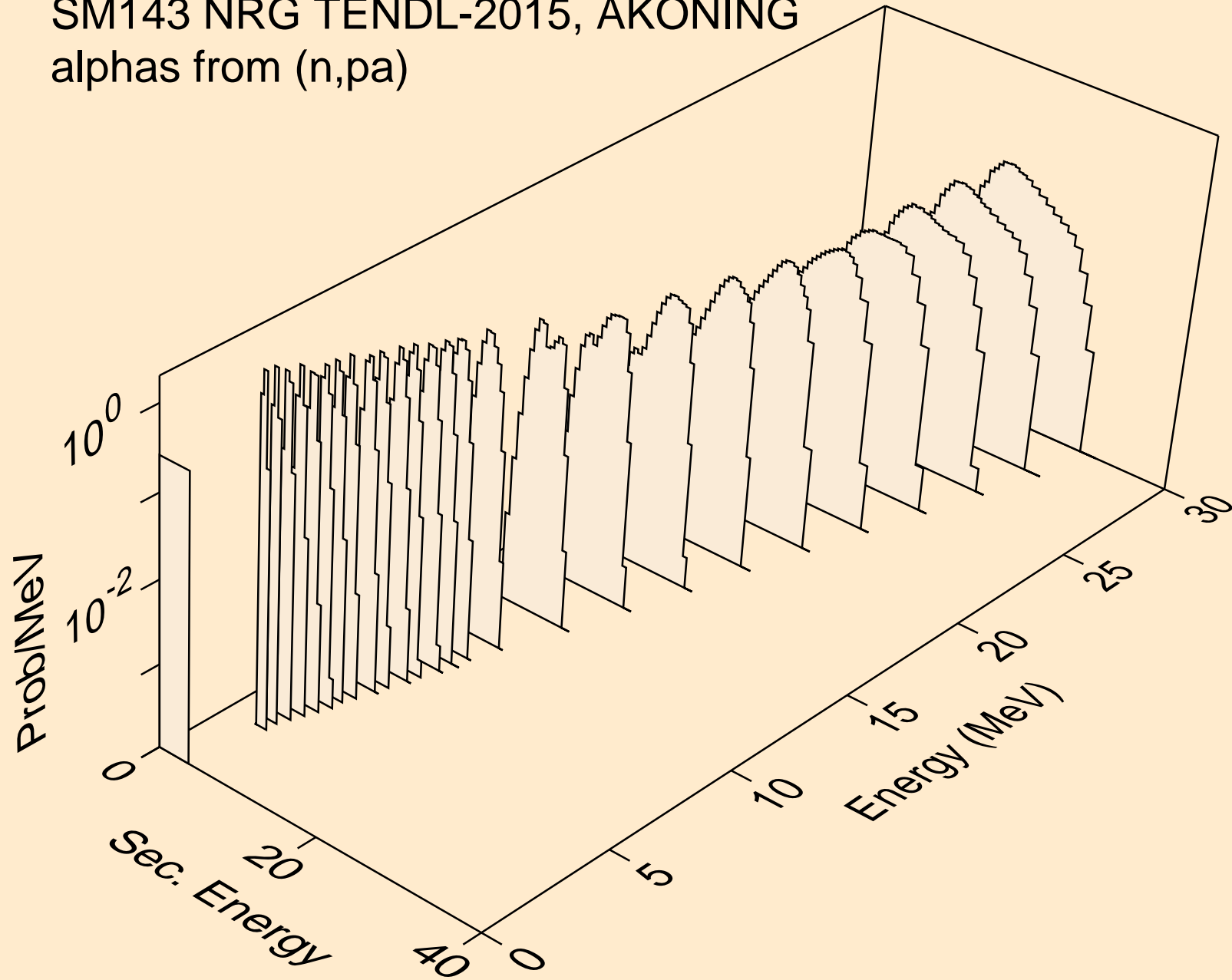
SM143 NRG TENDL-2015, AKONING  
alphas from (n,a)



SM143 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SM143 NRG TENDL-2015, AKONING  
alphas from (n,pa)





SM143 NRG TENDL-2015, AKONING  
alphas from (n,da)

