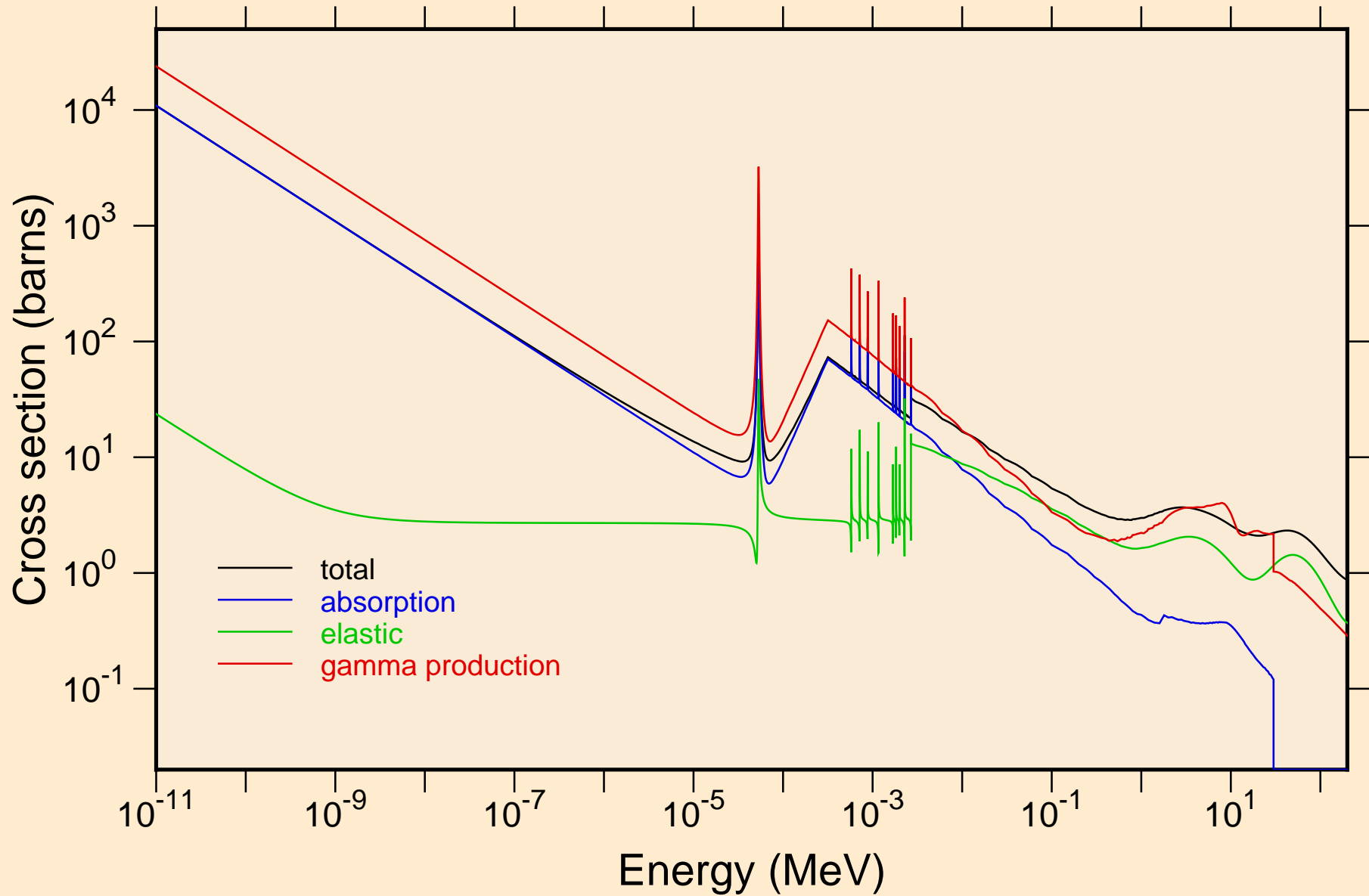
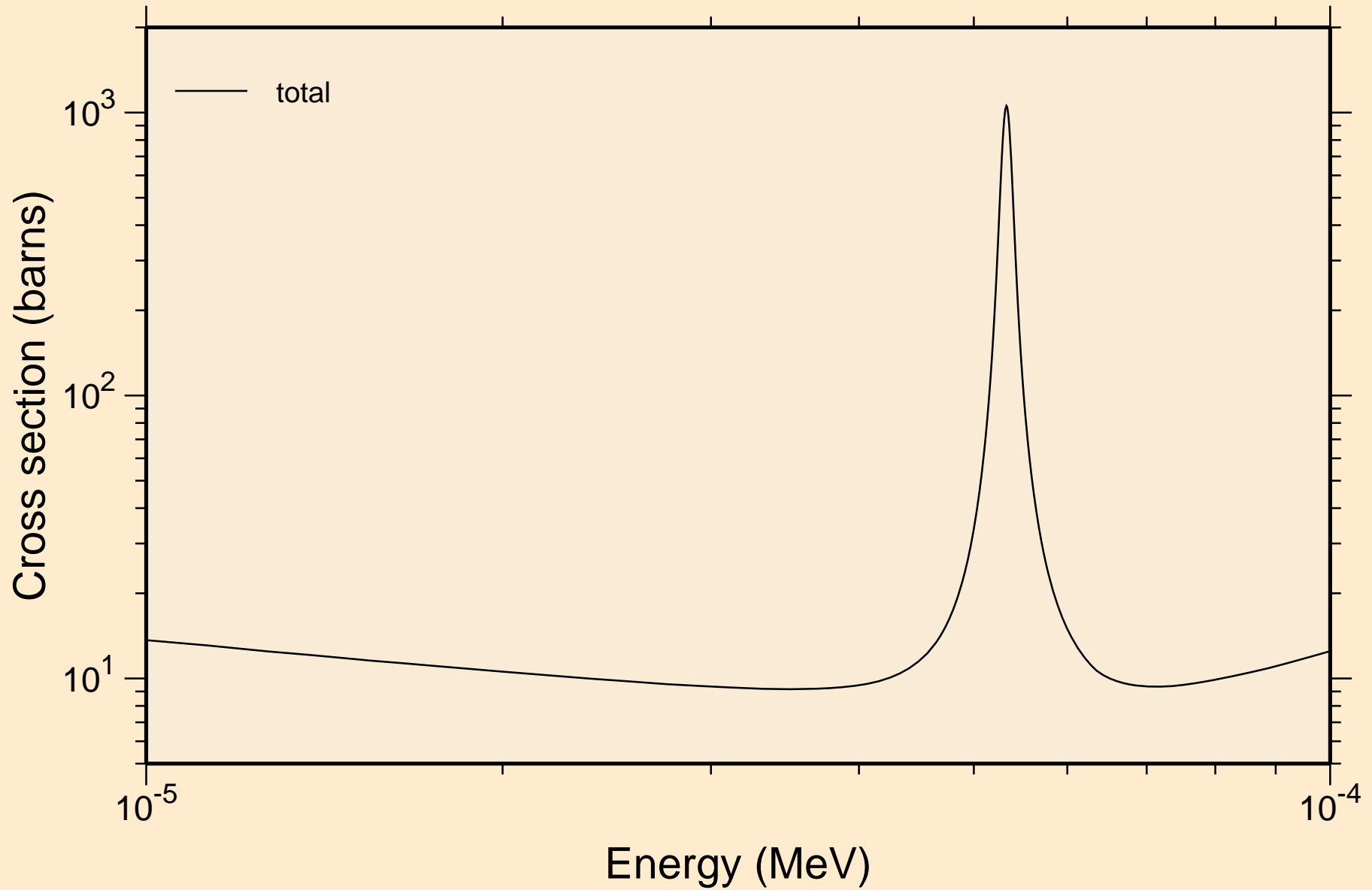


# SC044 NRG TENDL-2015, AKONING

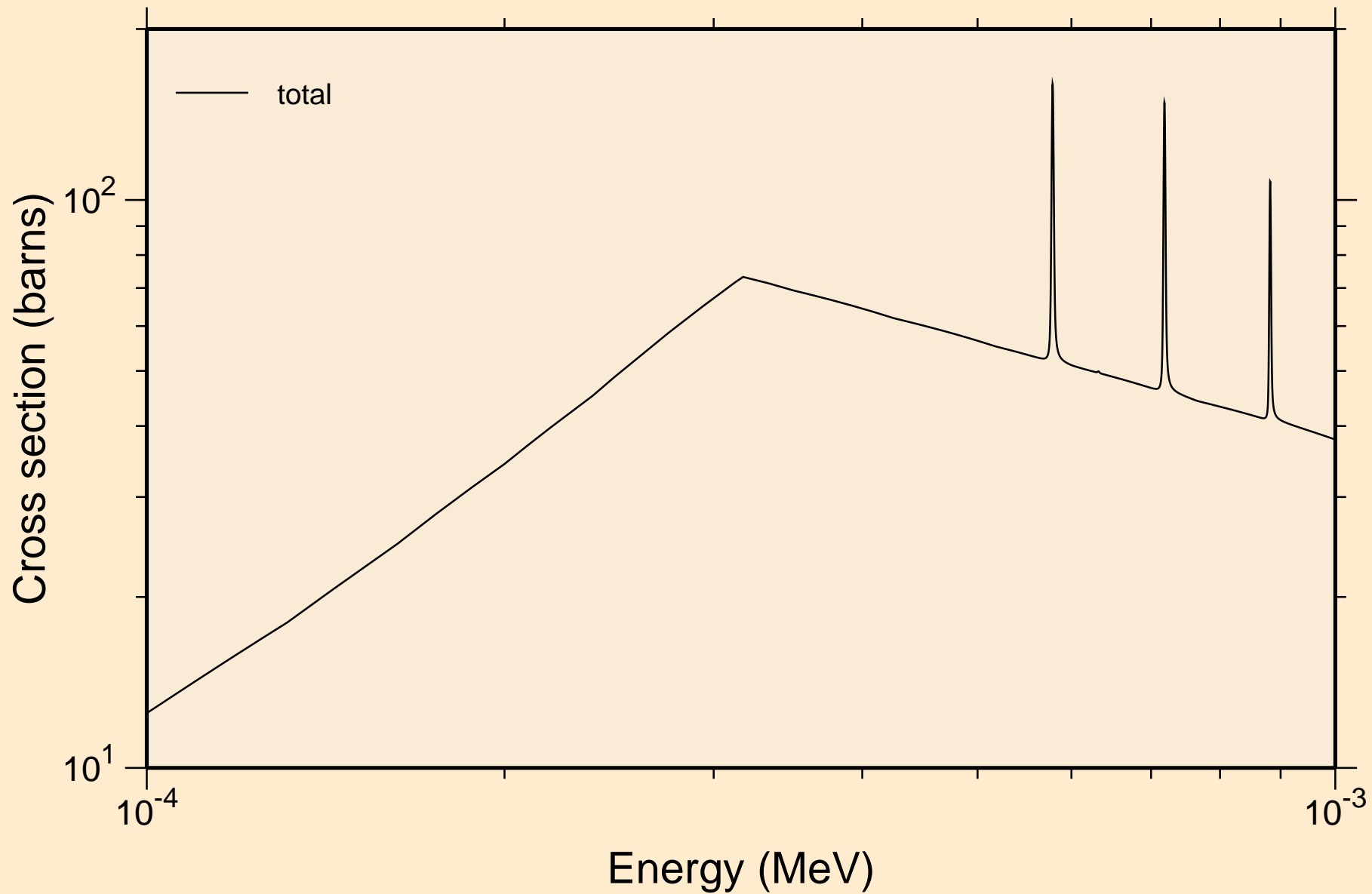
## Principal cross sections



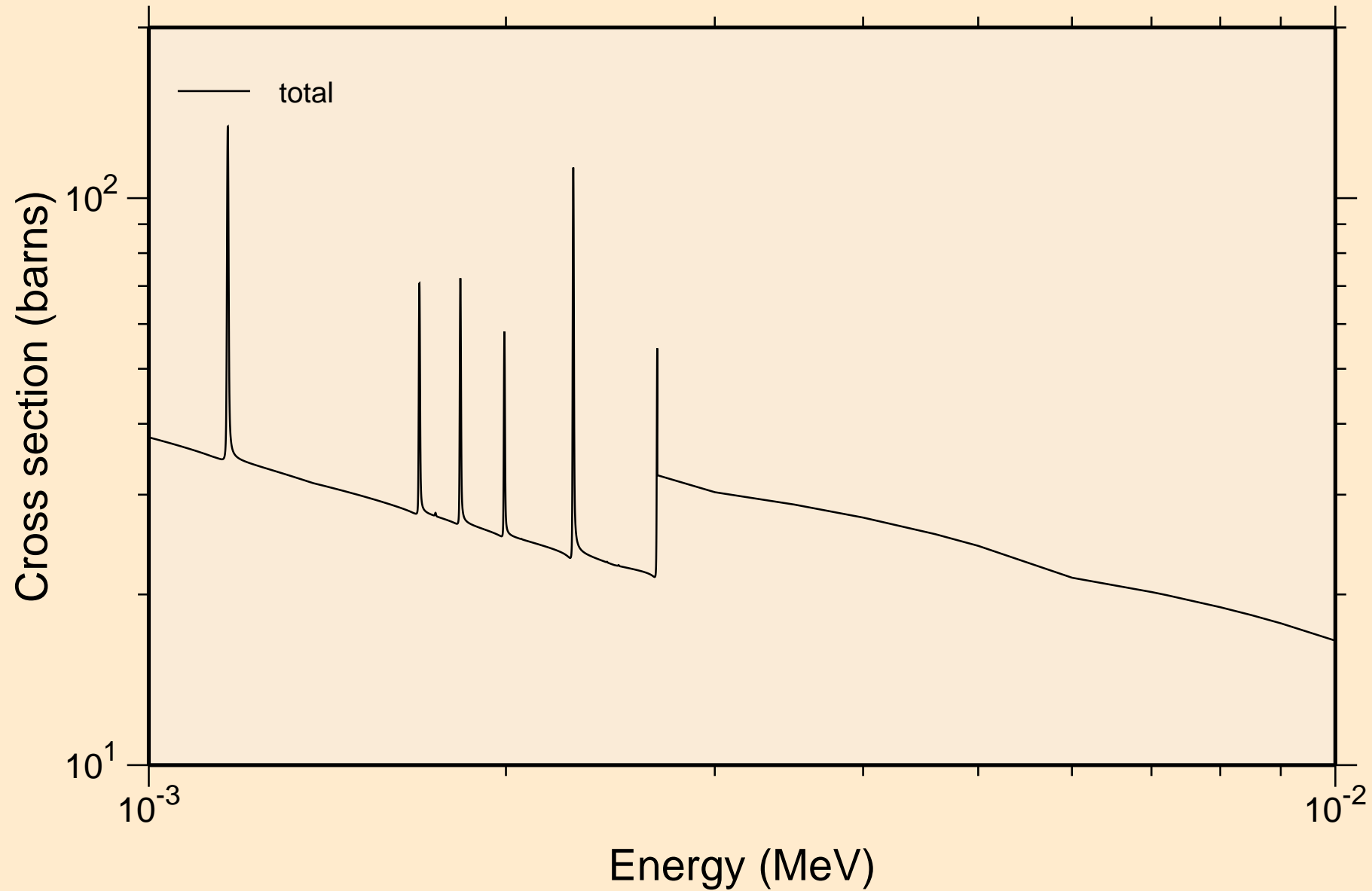
SC044 NRG TENDL-2015, AKONING  
resonance total cross section



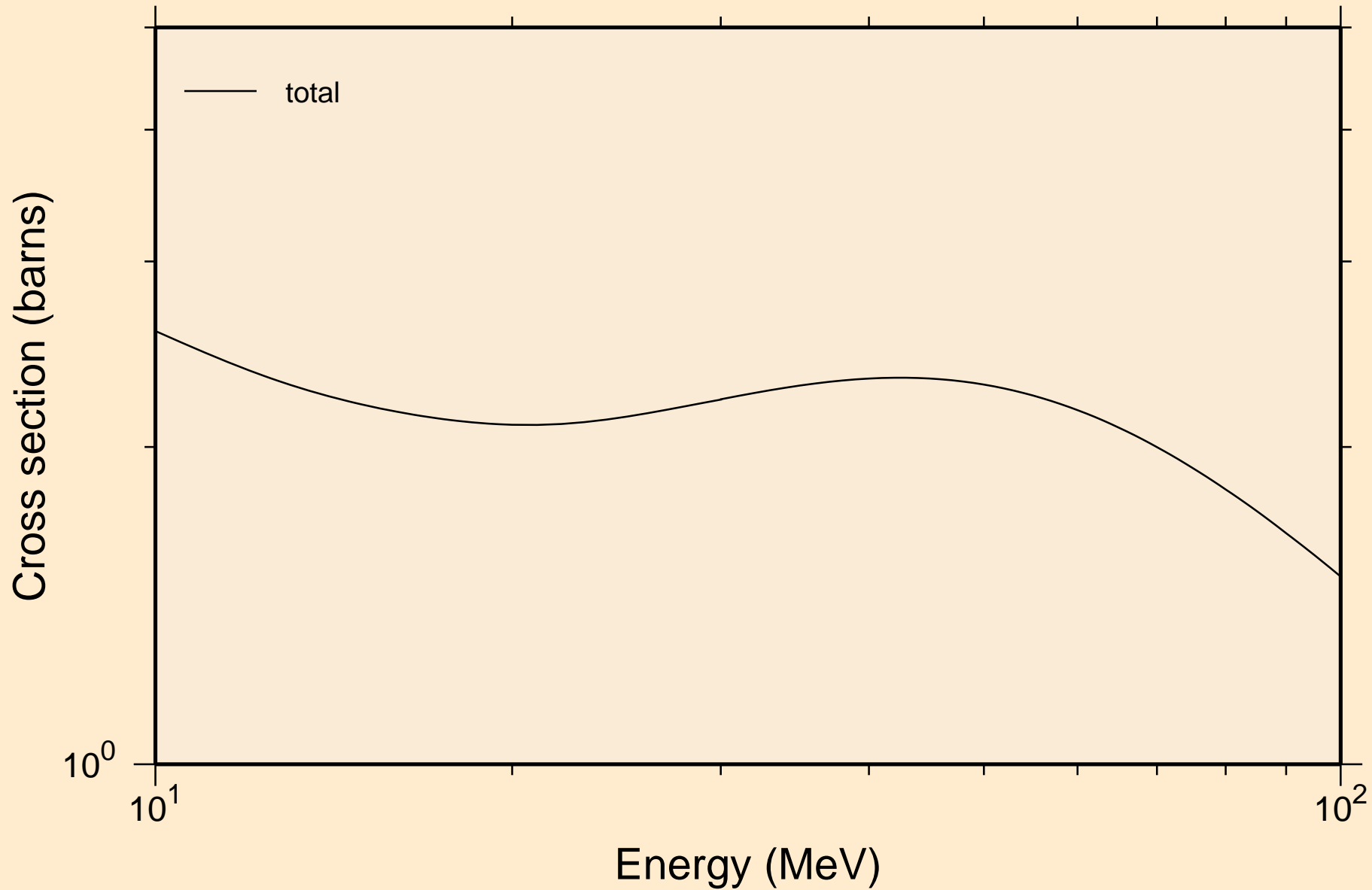
SC044 NRG TENDL-2015, AKONING  
resonance total cross section



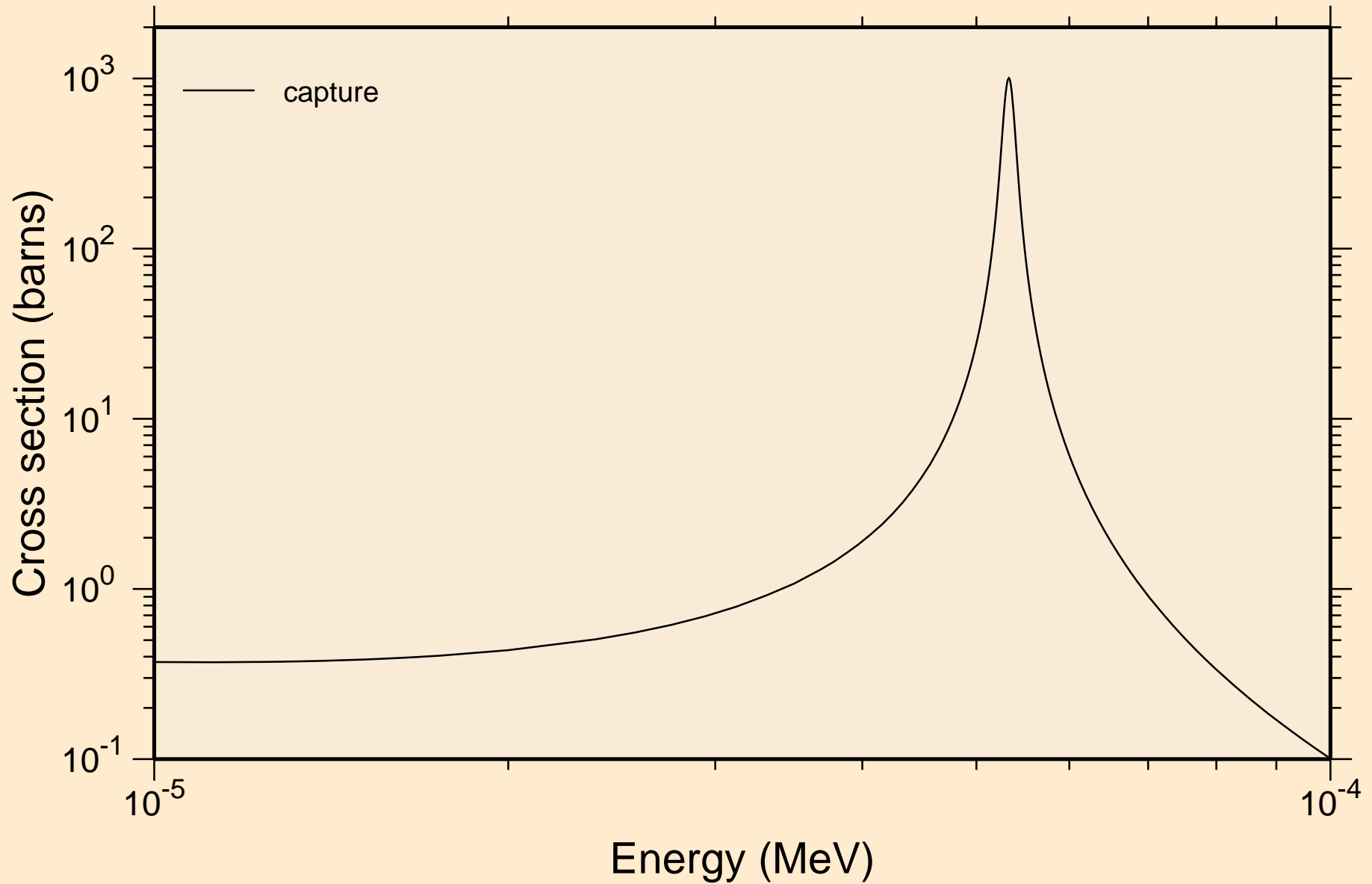
SC044 NRG TENDL-2015, AKONING  
resonance total cross section



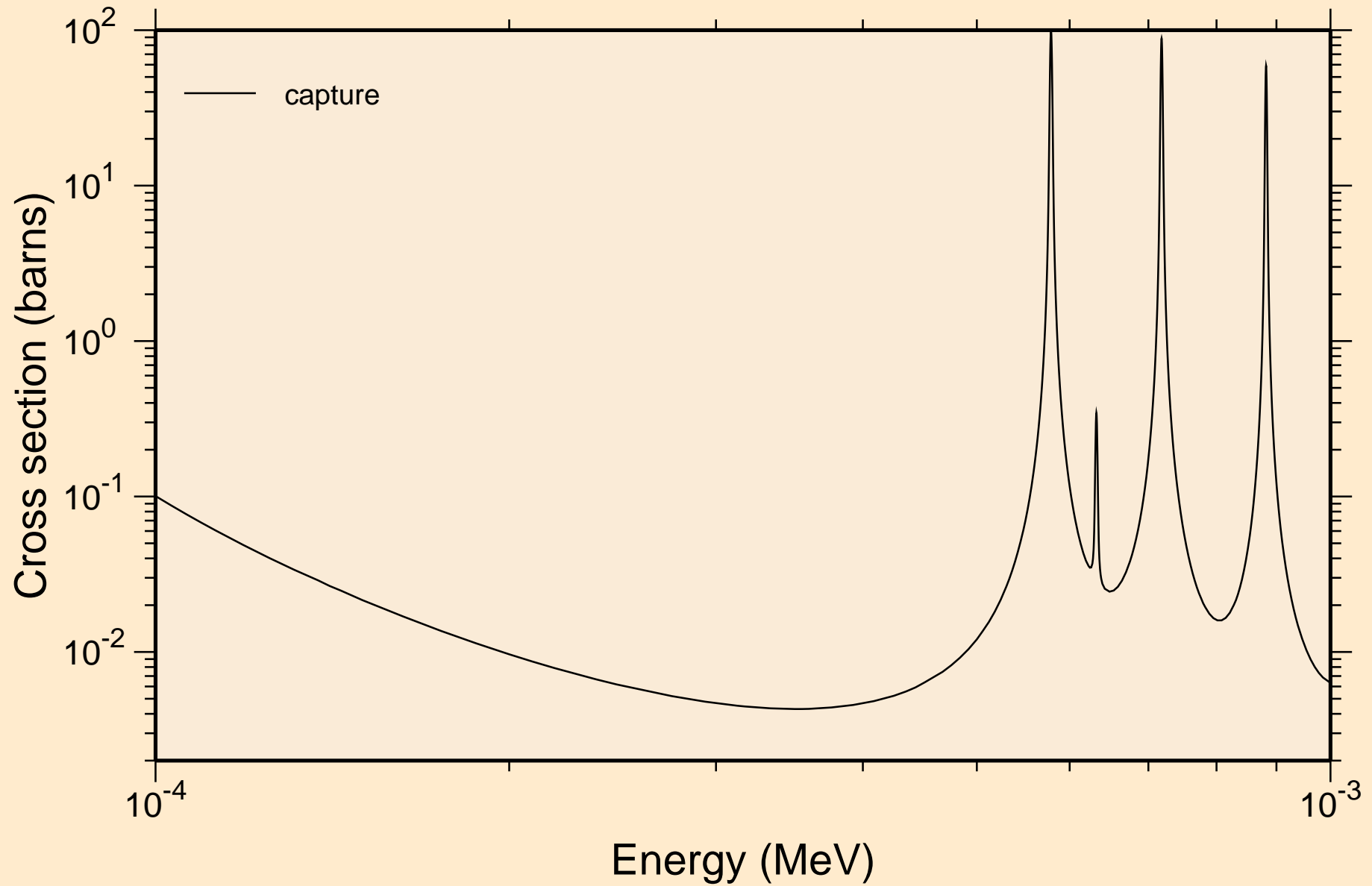
SC044 NRG TENDL-2015, AKONING  
resonance total cross section



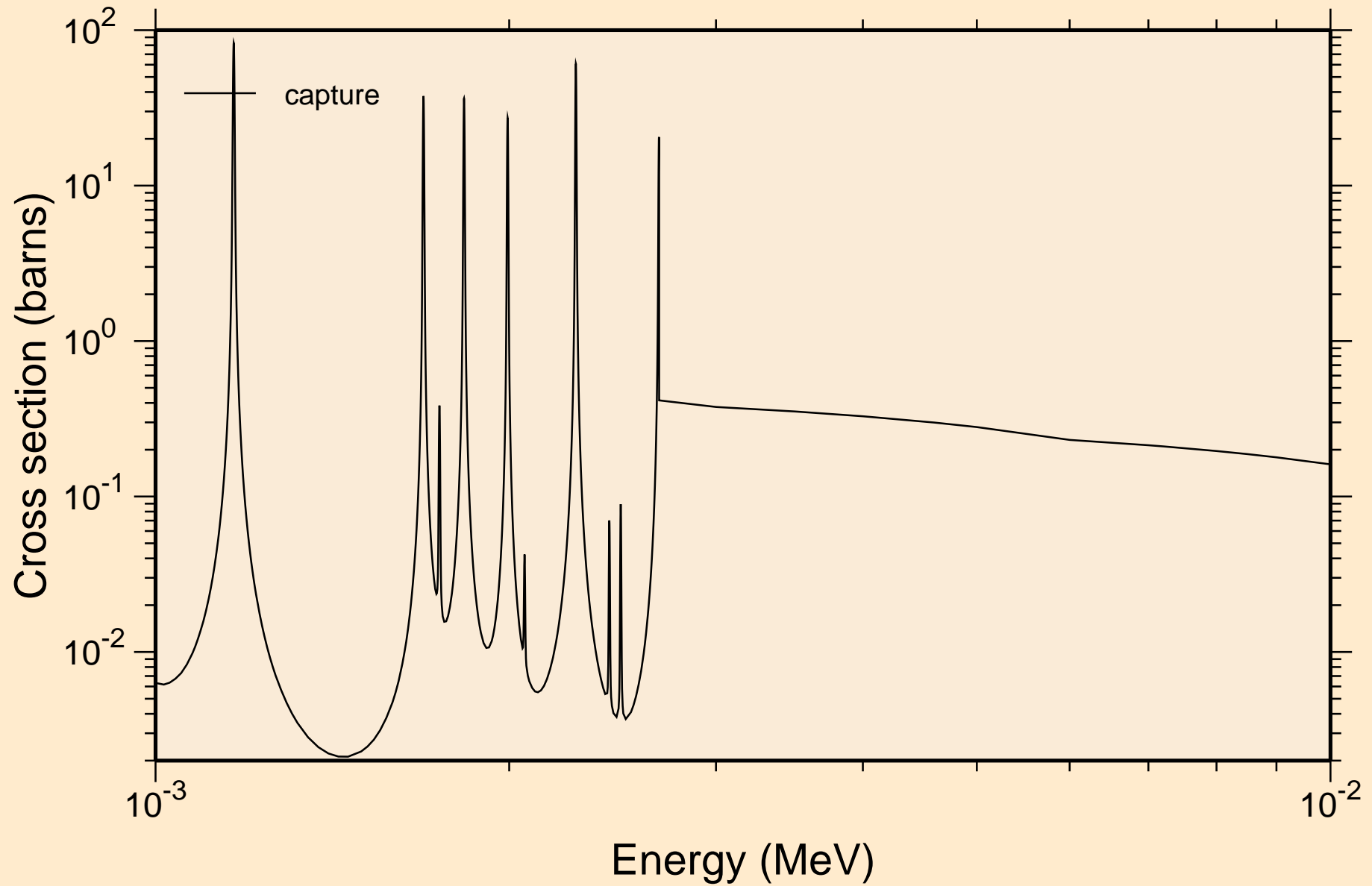
SC044 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SC044 NRG TENDL-2015, AKONING  
resonance absorption cross sections

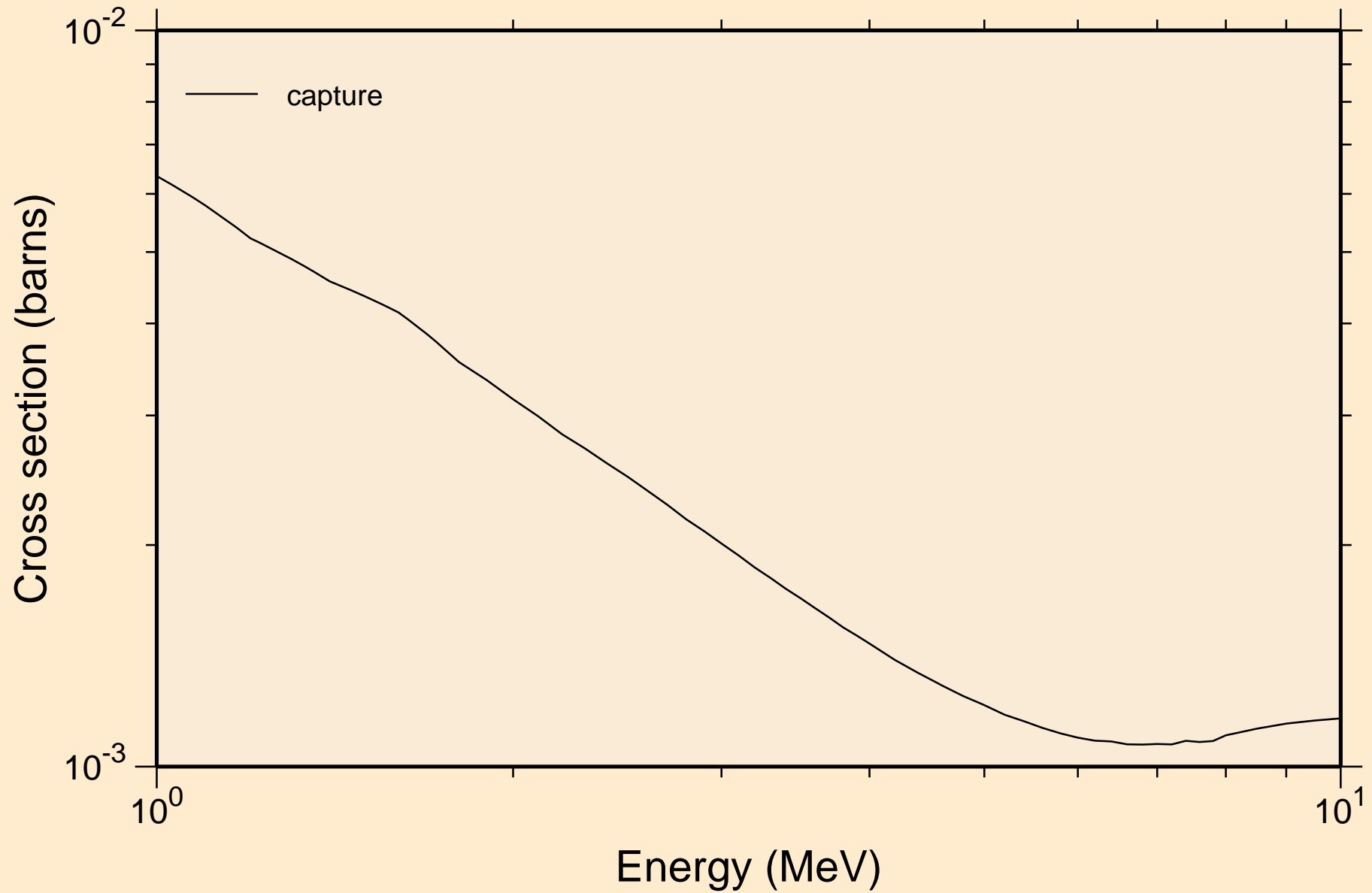


SC044 NRG TENDL-2015, AKONING  
resonance absorption cross sections



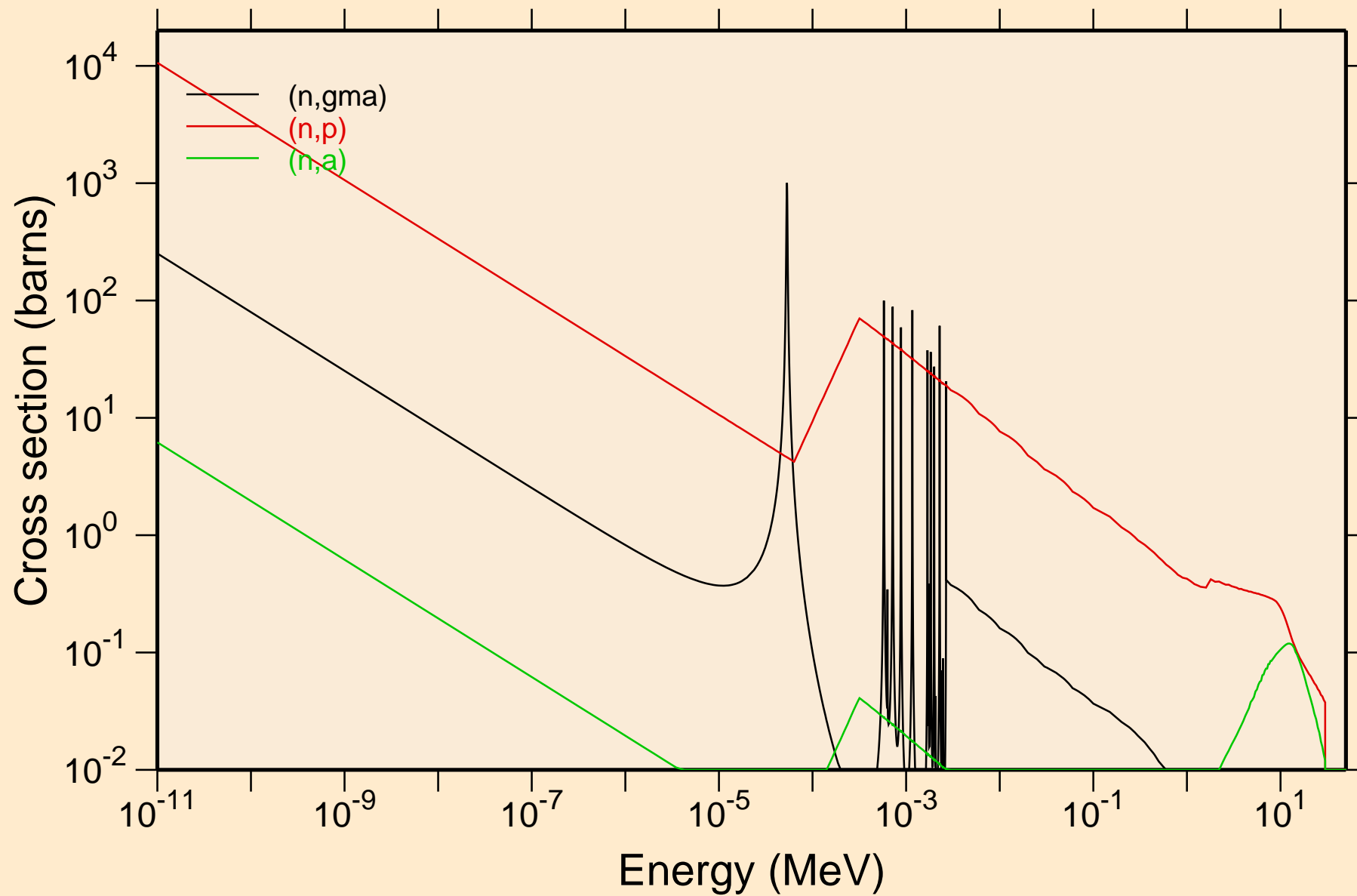


SC044 NRG TENDL-2015, AKONING  
resonance absorption cross sections



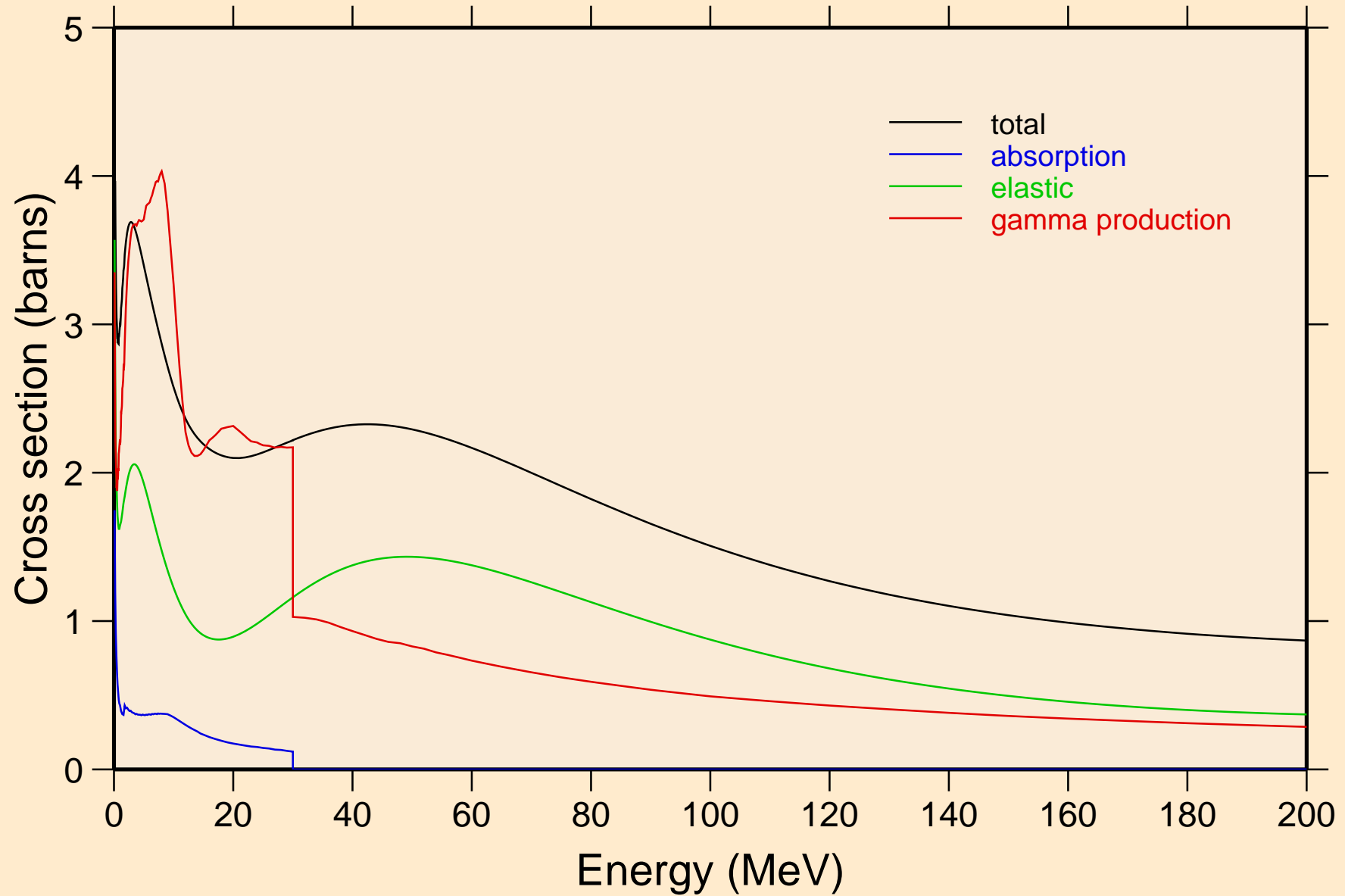
# SC044 NRG TENDL-2015, AKONING

## Non-threshold reactions



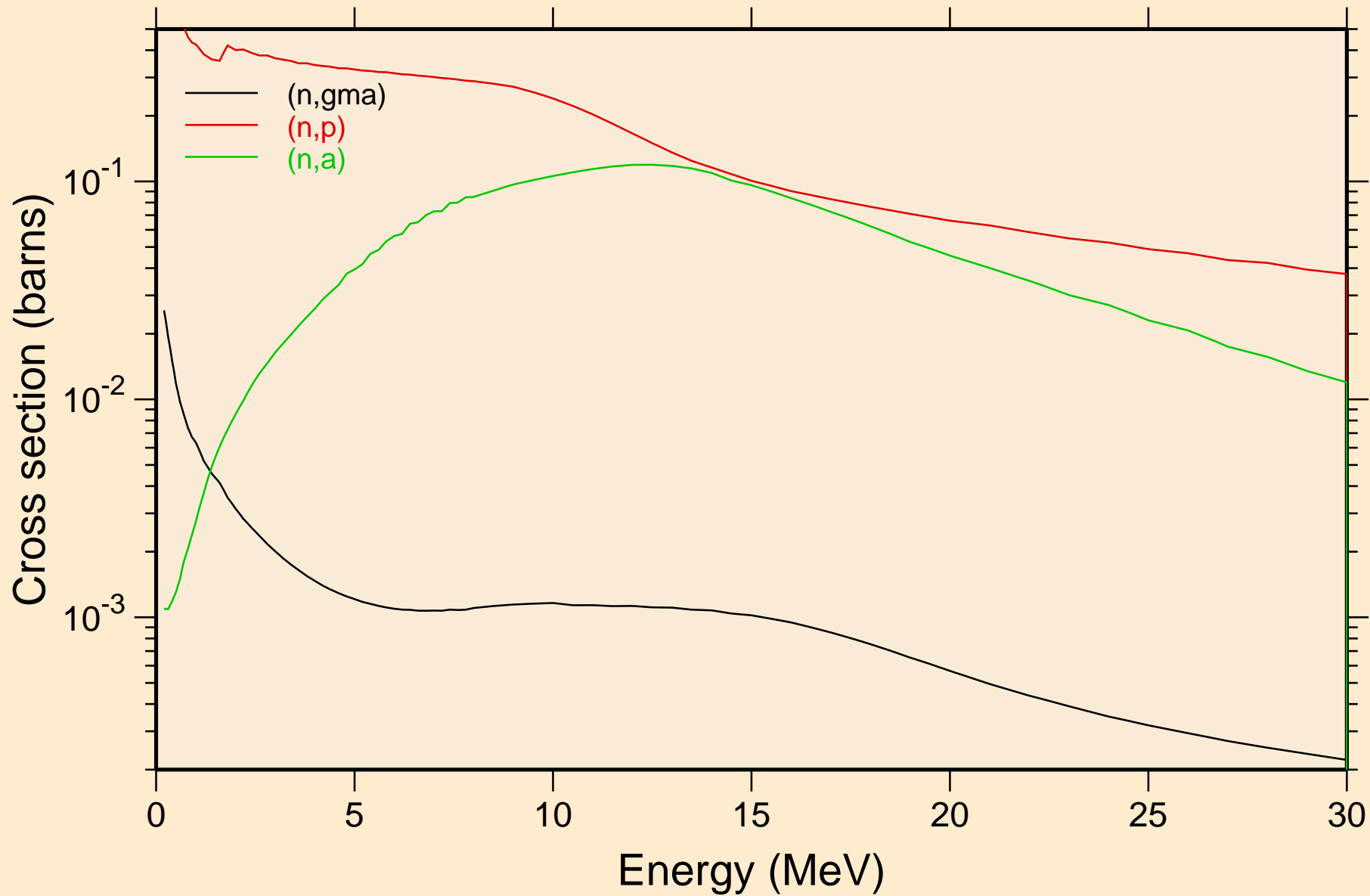
# SC044 NRG TENDL-2015, AKONING

## Principal cross sections



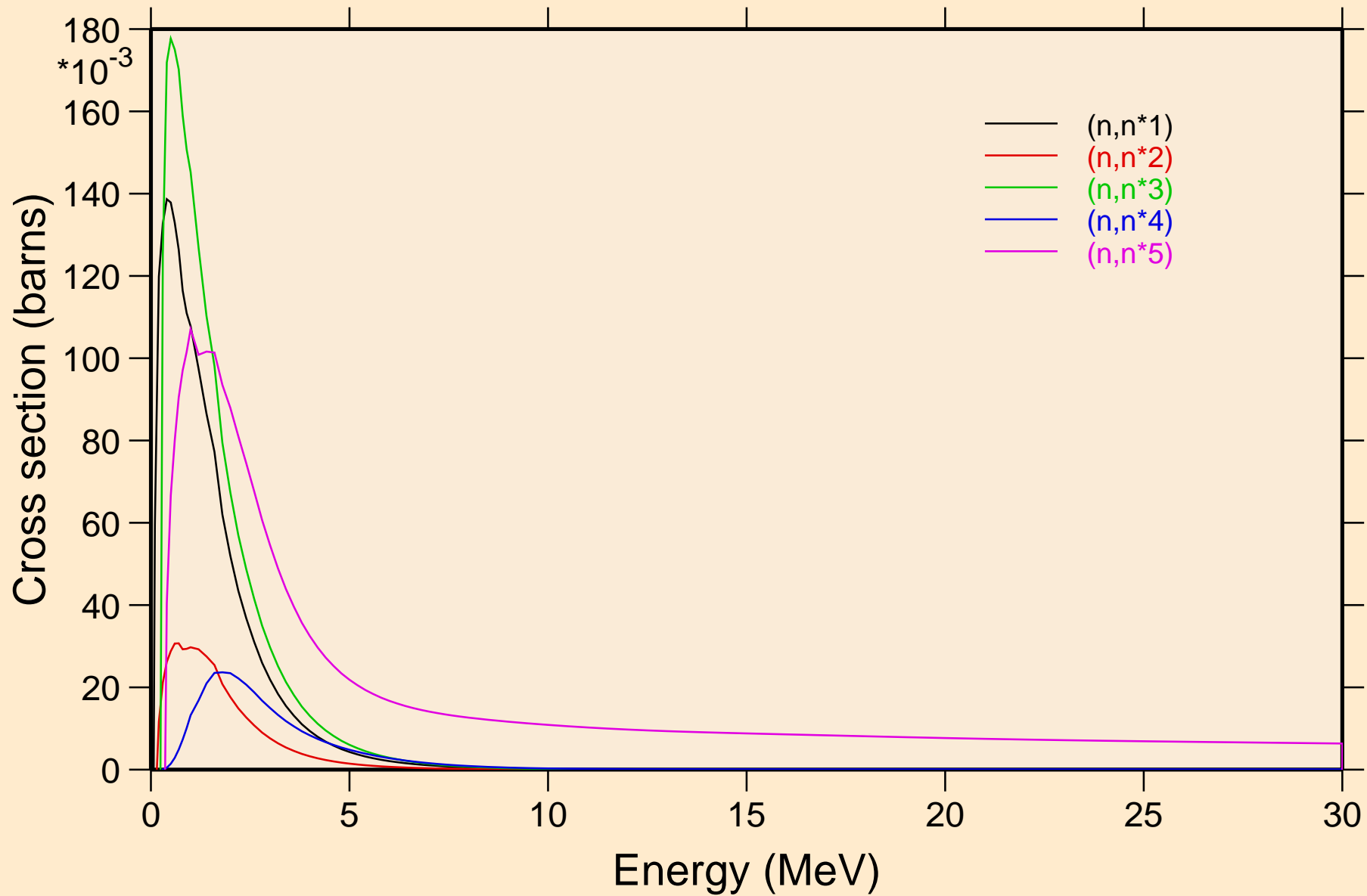
# SC044 NRG TENDL-2015, AKONING

## Non-threshold reactions



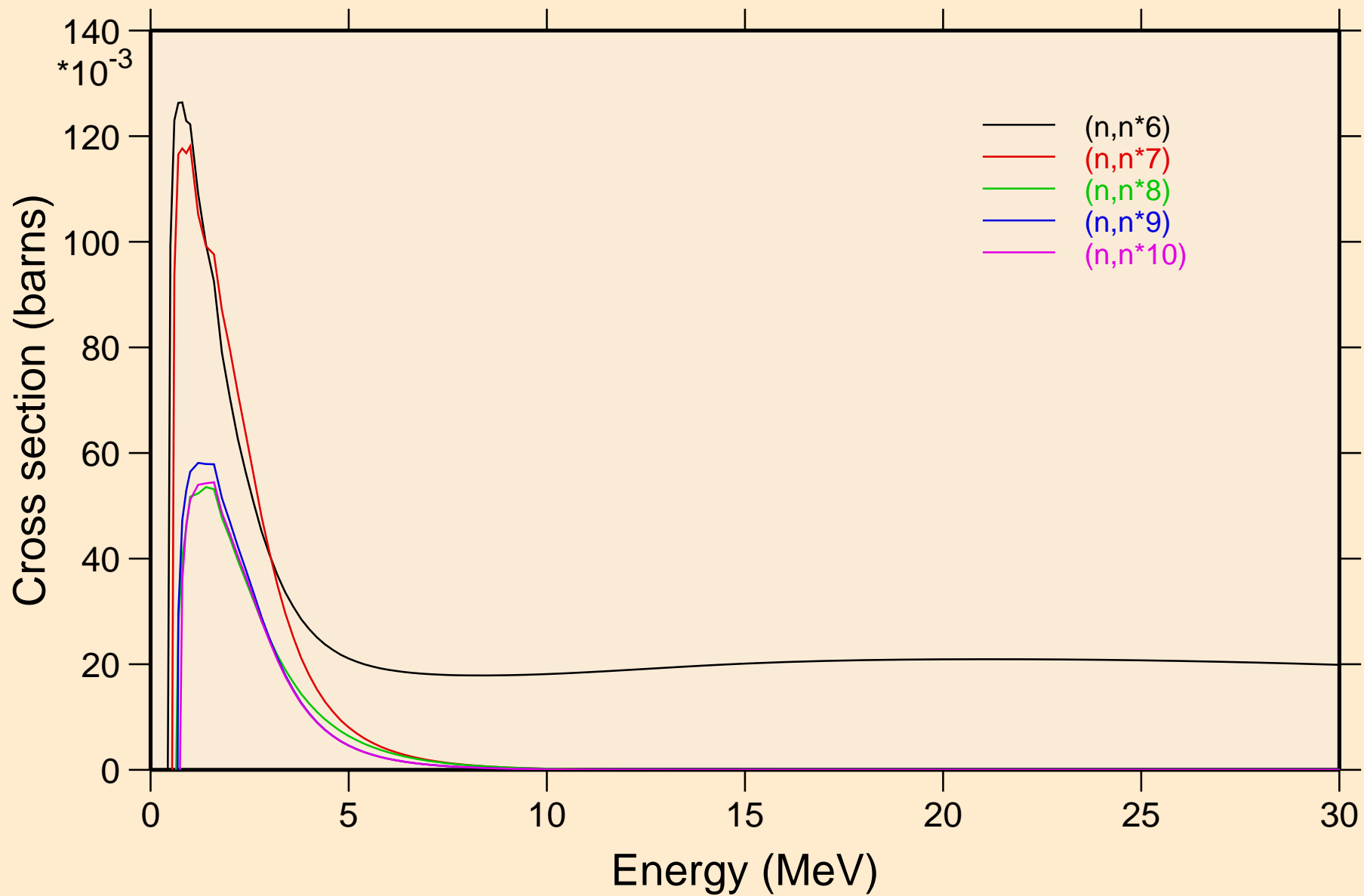
# SC044 NRG TENDL-2015, AKONING

## Inelastic levels



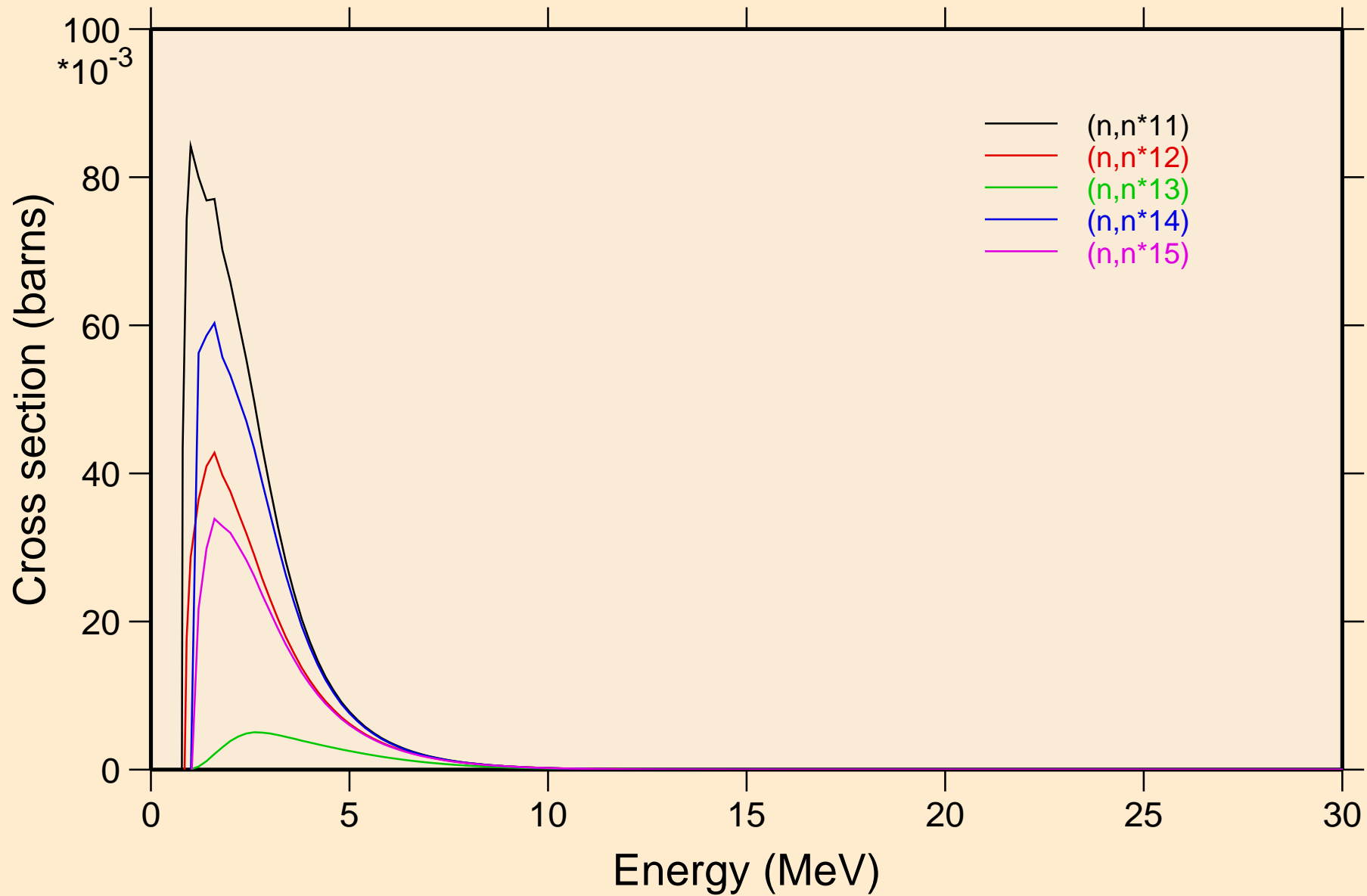
# SC044 NRG TENDL-2015, AKONING

## Inelastic levels



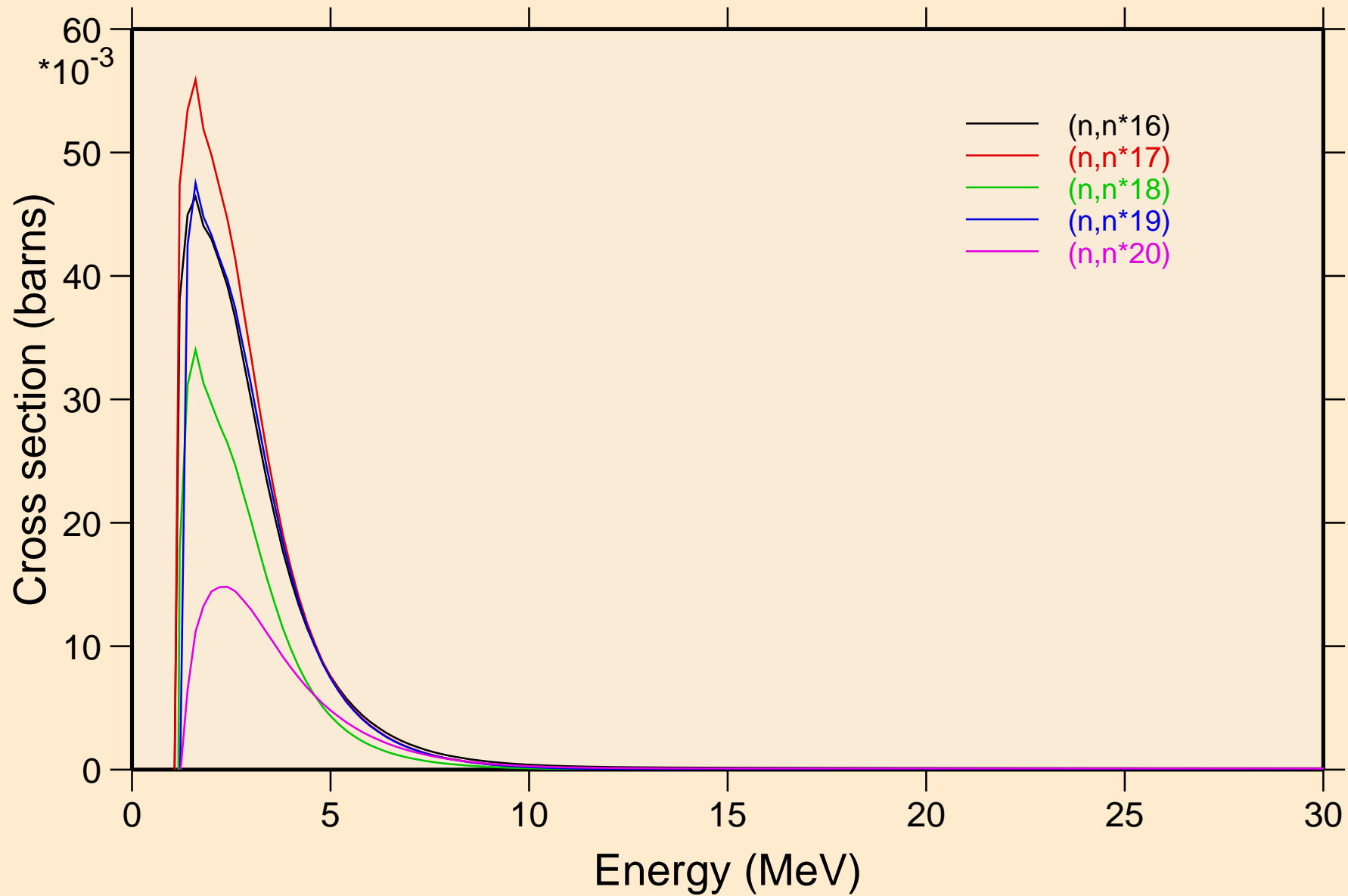
# SC044 NRG TENDL-2015, AKONING

## Inelastic levels



# SC044 NRG TENDL-2015, AKONING

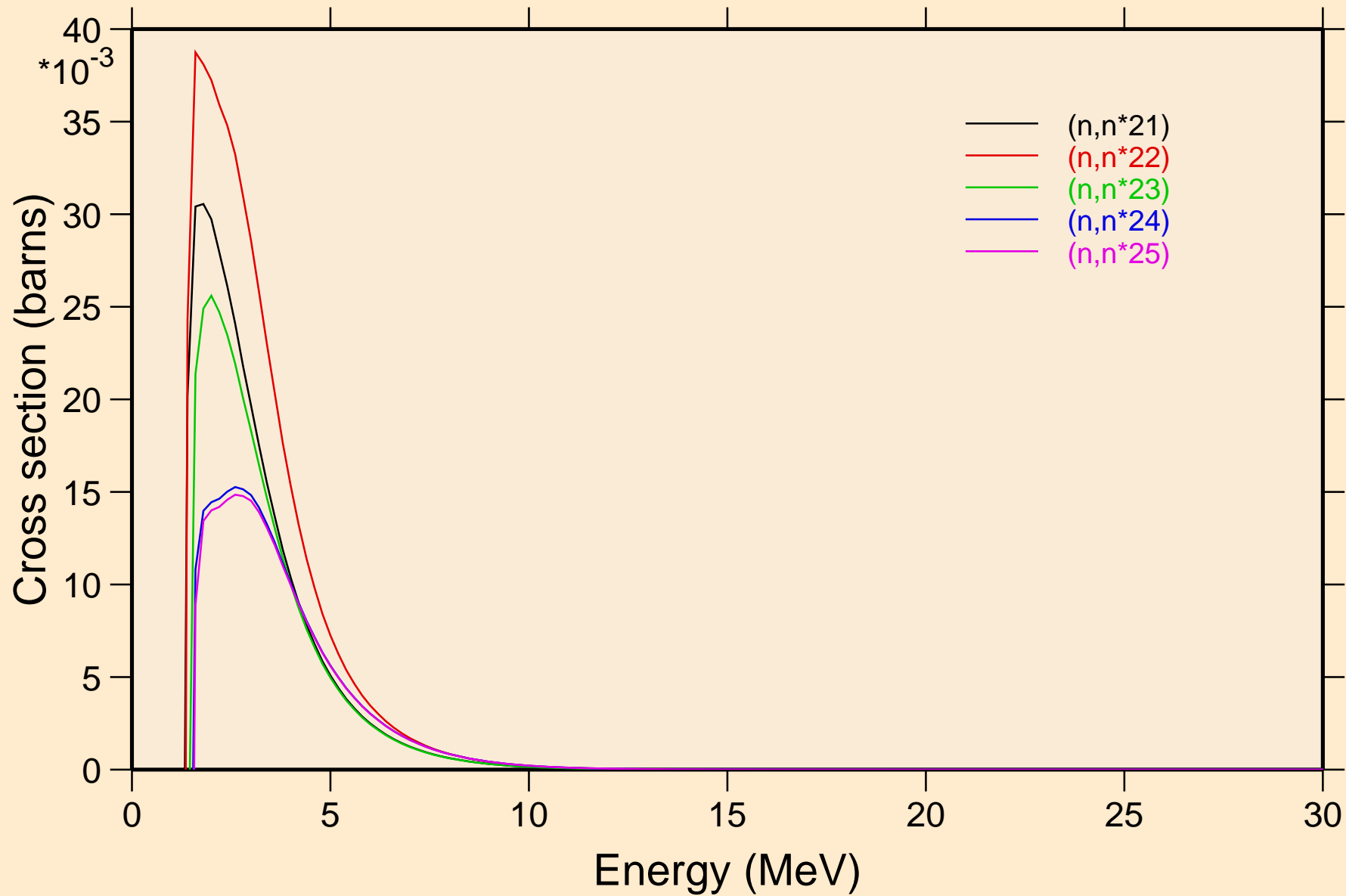
## Inelastic levels





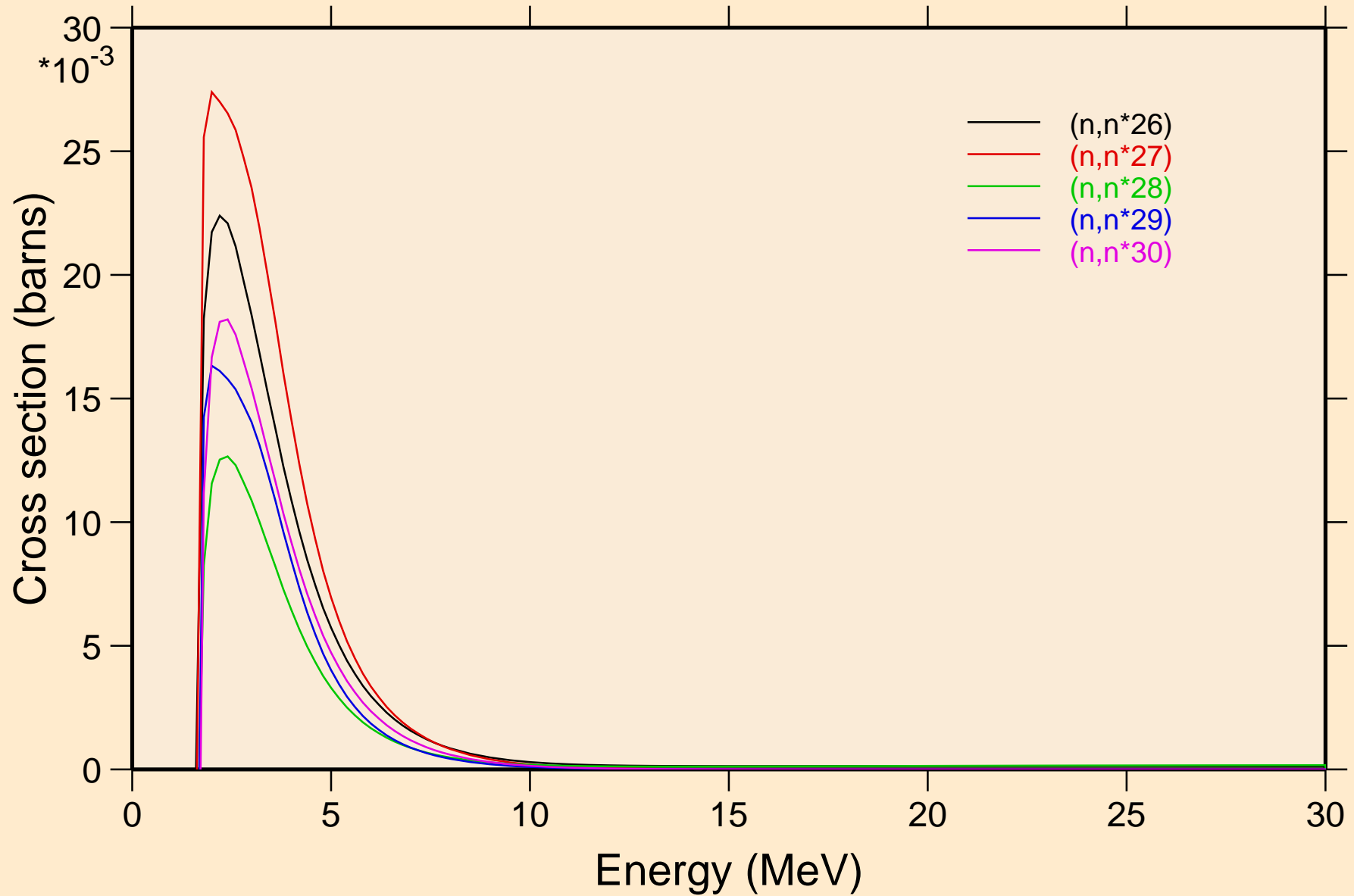
# SC044 NRG TENDL-2015, AKONING

## Inelastic levels



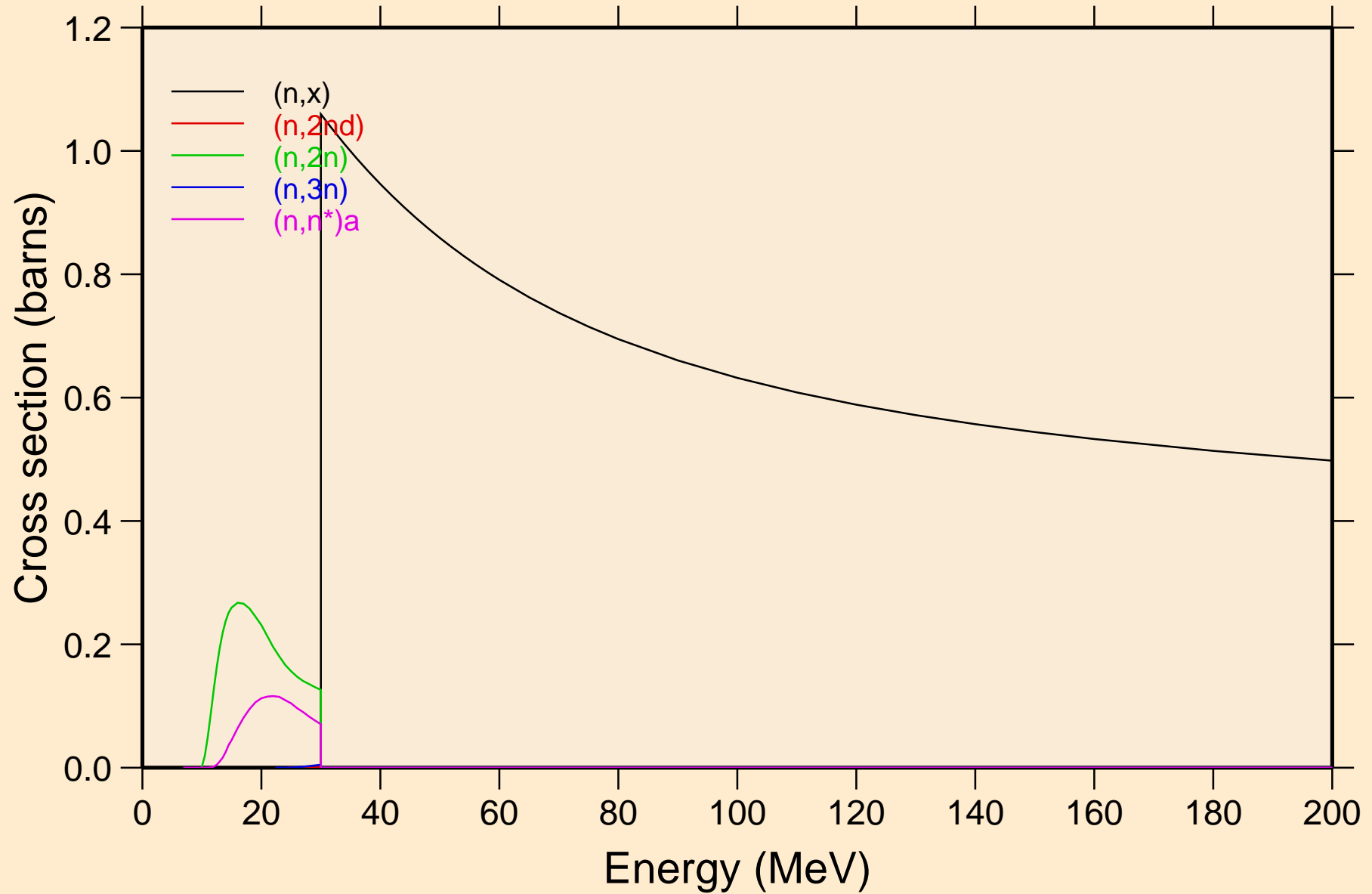
# SC044 NRG TENDL-2015, AKONING

## Inelastic levels



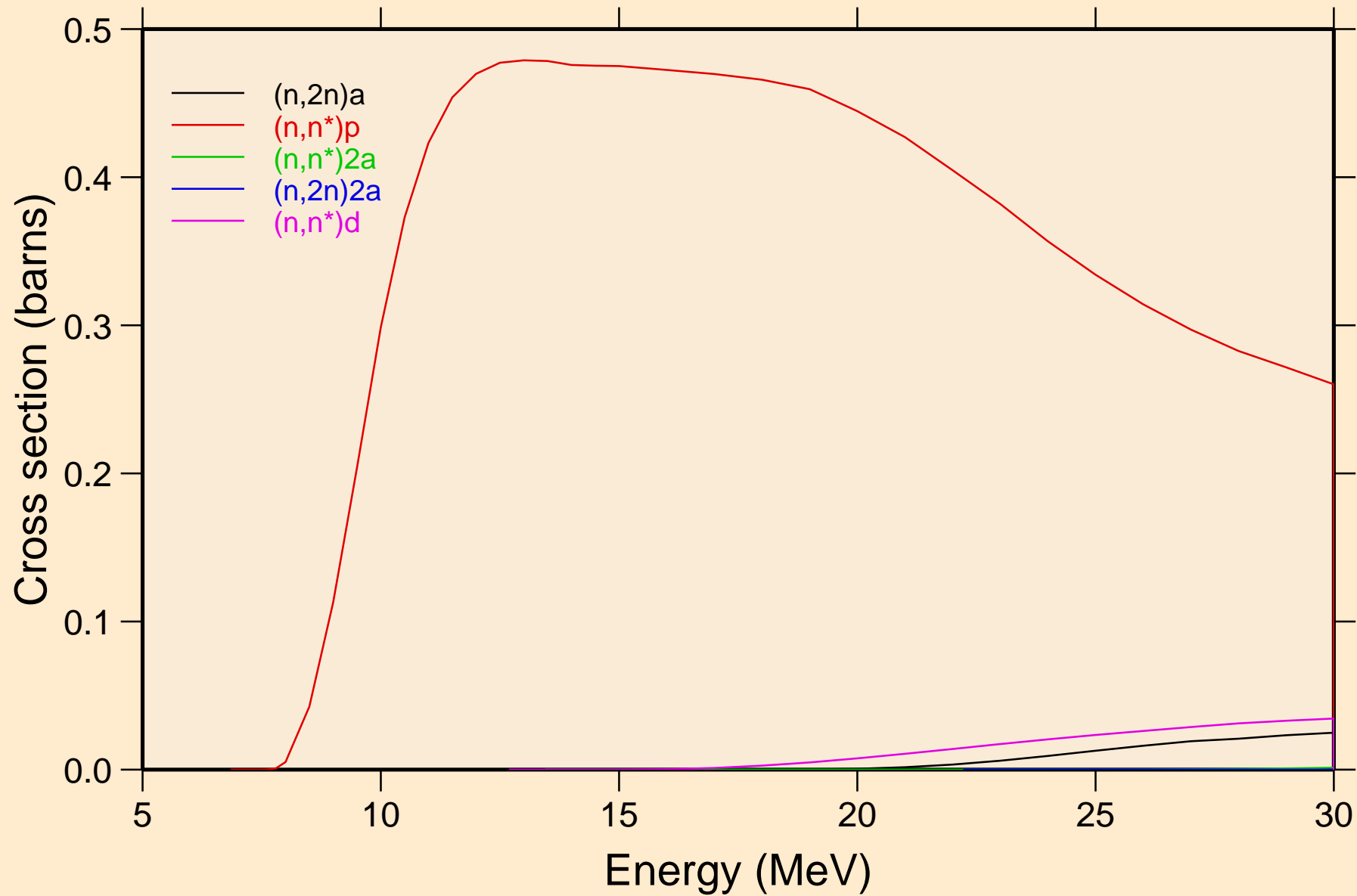
# SC044 NRG TENDL-2015, AKONING

## Threshold reactions



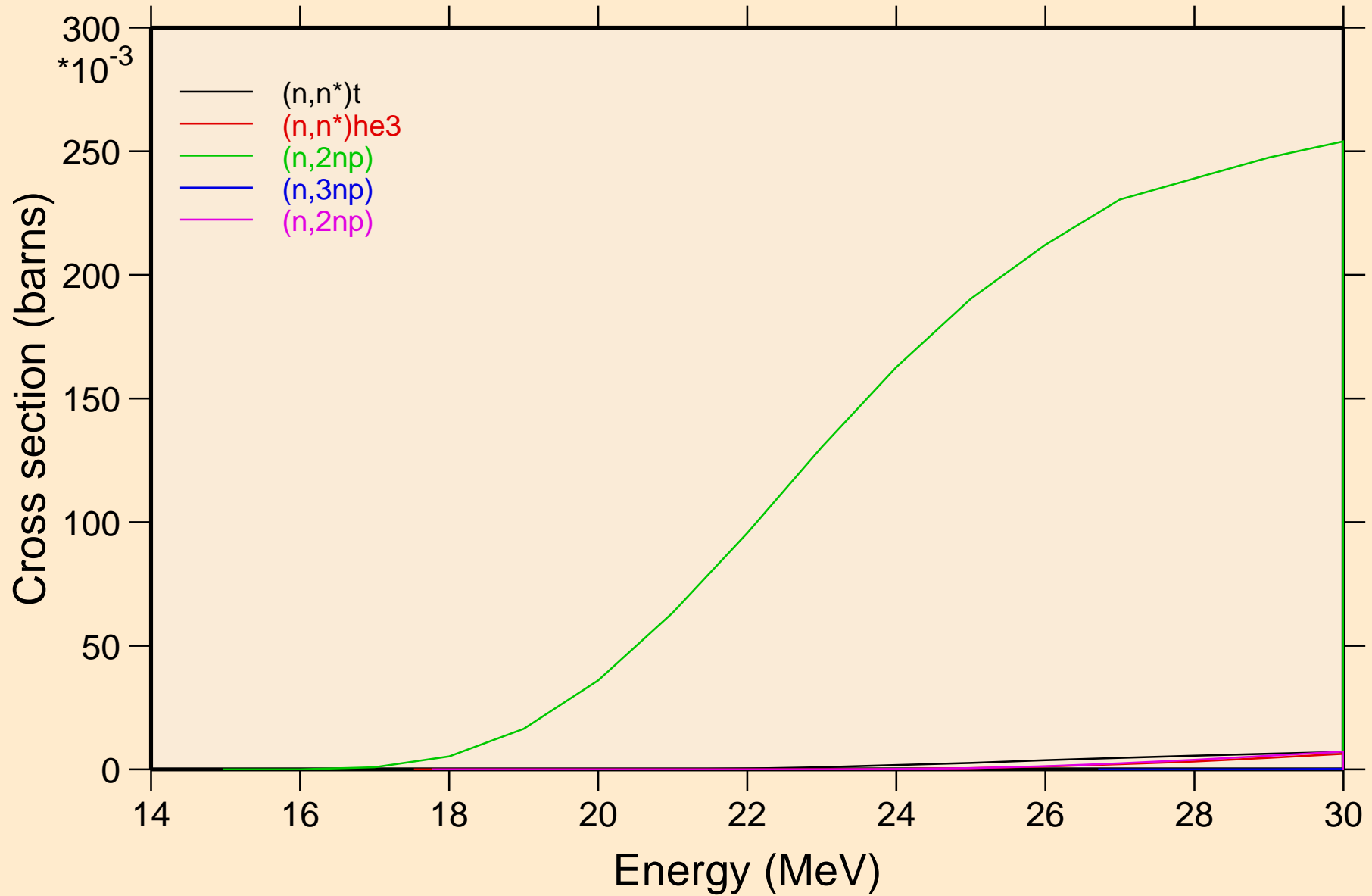
# SC044 NRG TENDL-2015, AKONING

## Threshold reactions



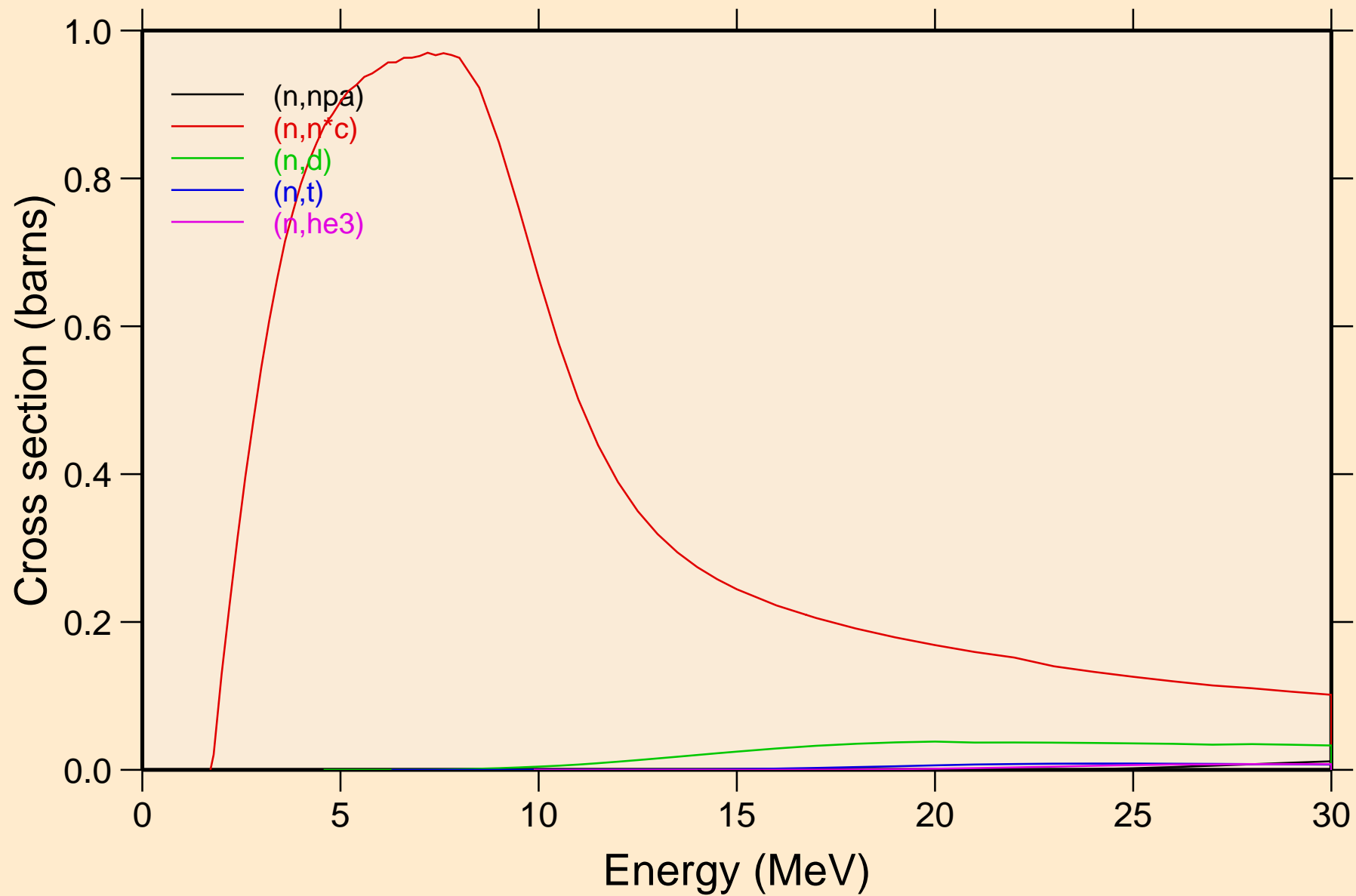
# SC044 NRG TENDL-2015, AKONING

## Threshold reactions



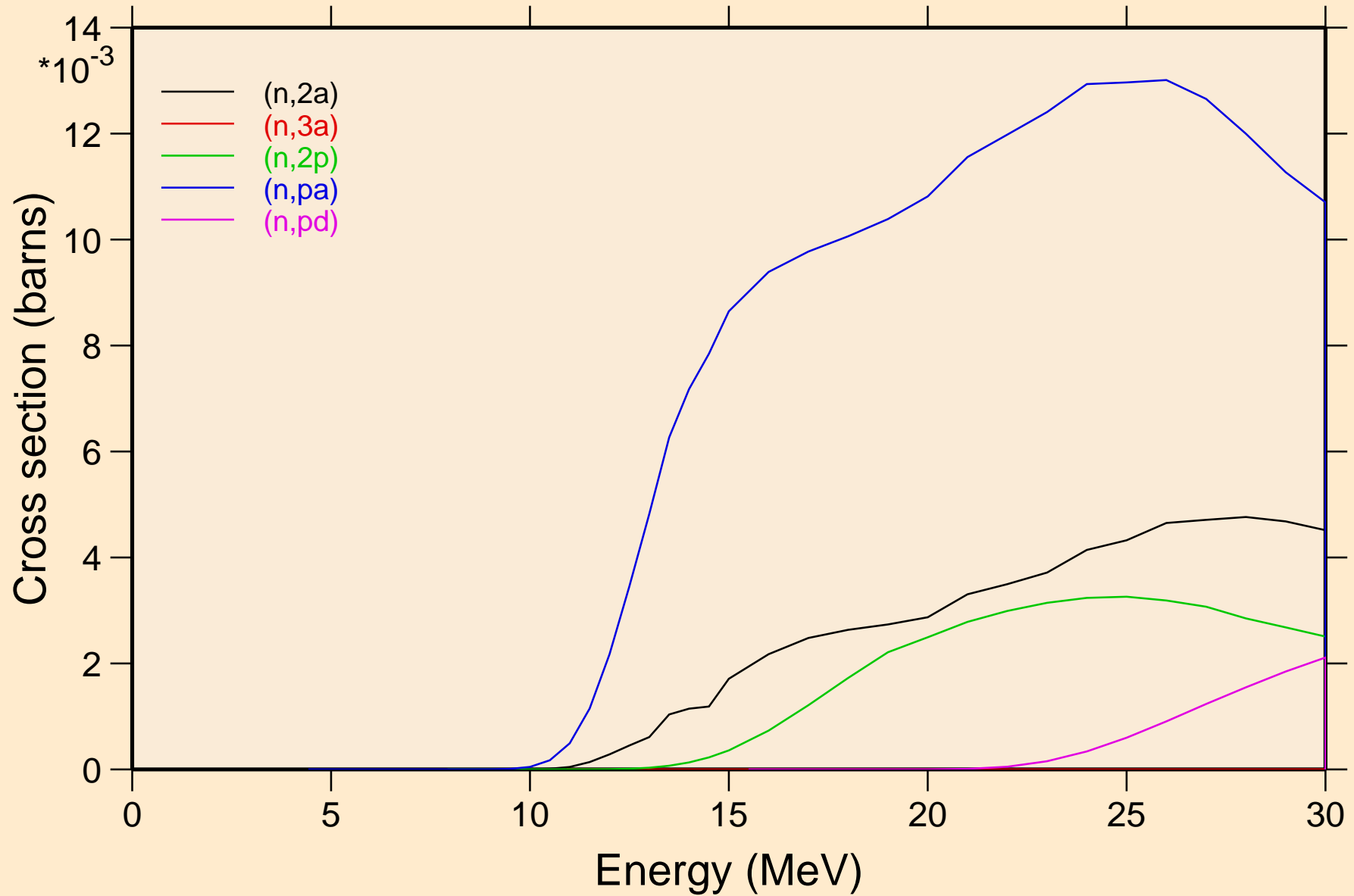
# SC044 NRG TENDL-2015, AKONING

## Threshold reactions



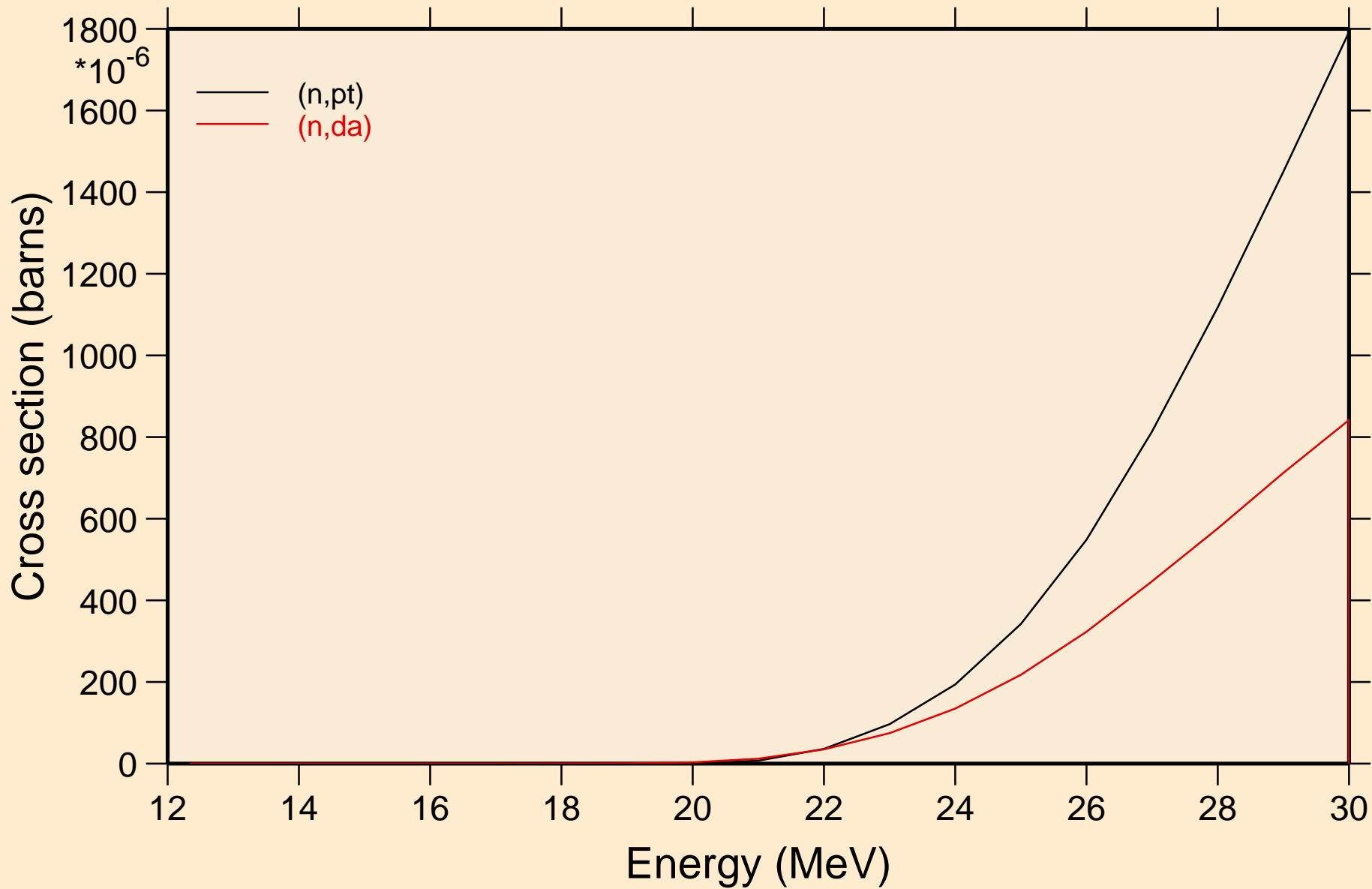
# SC044 NRG TENDL-2015, AKONING

## Threshold reactions



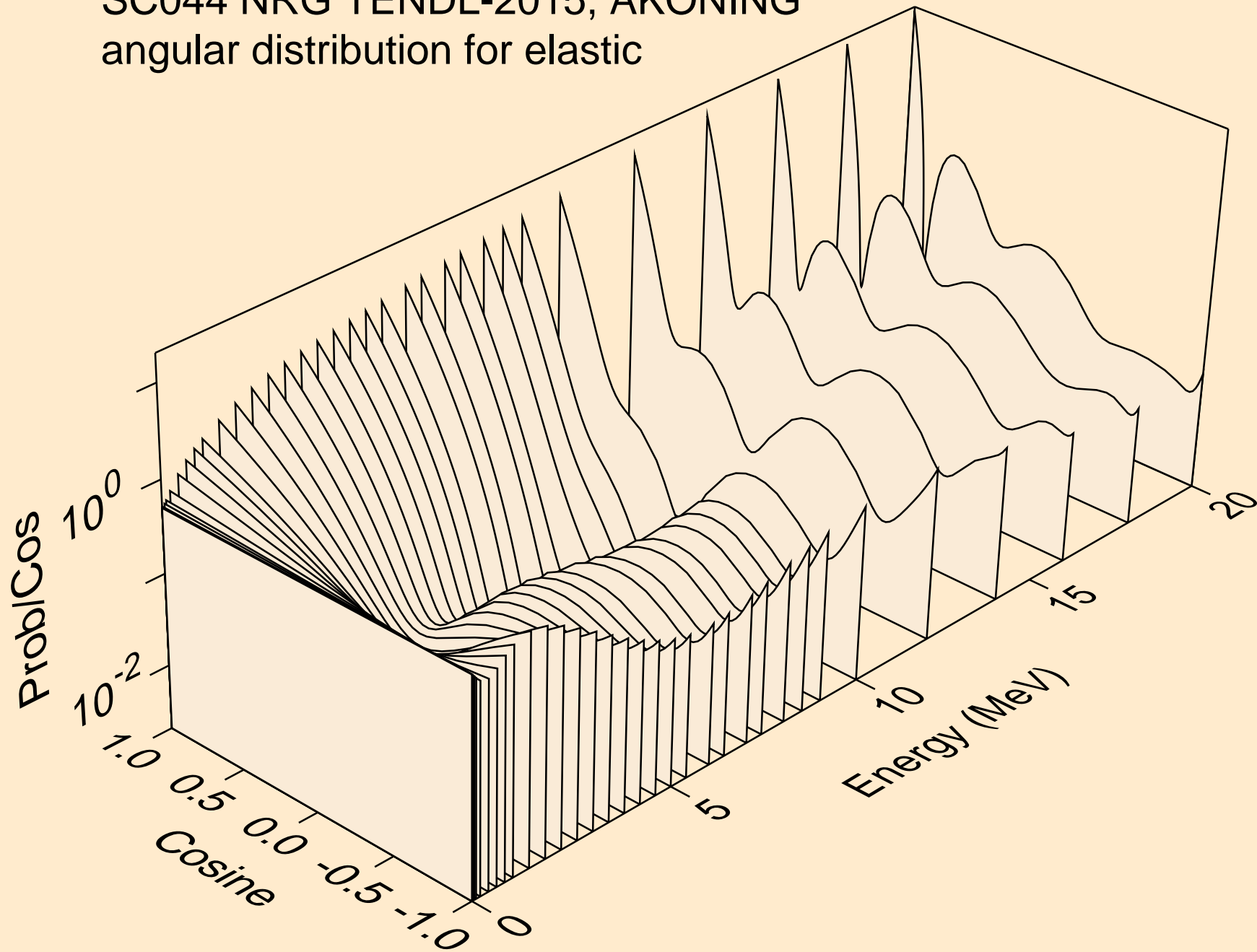
# SC044 NRG TENDL-2015, AKONING

## Threshold reactions

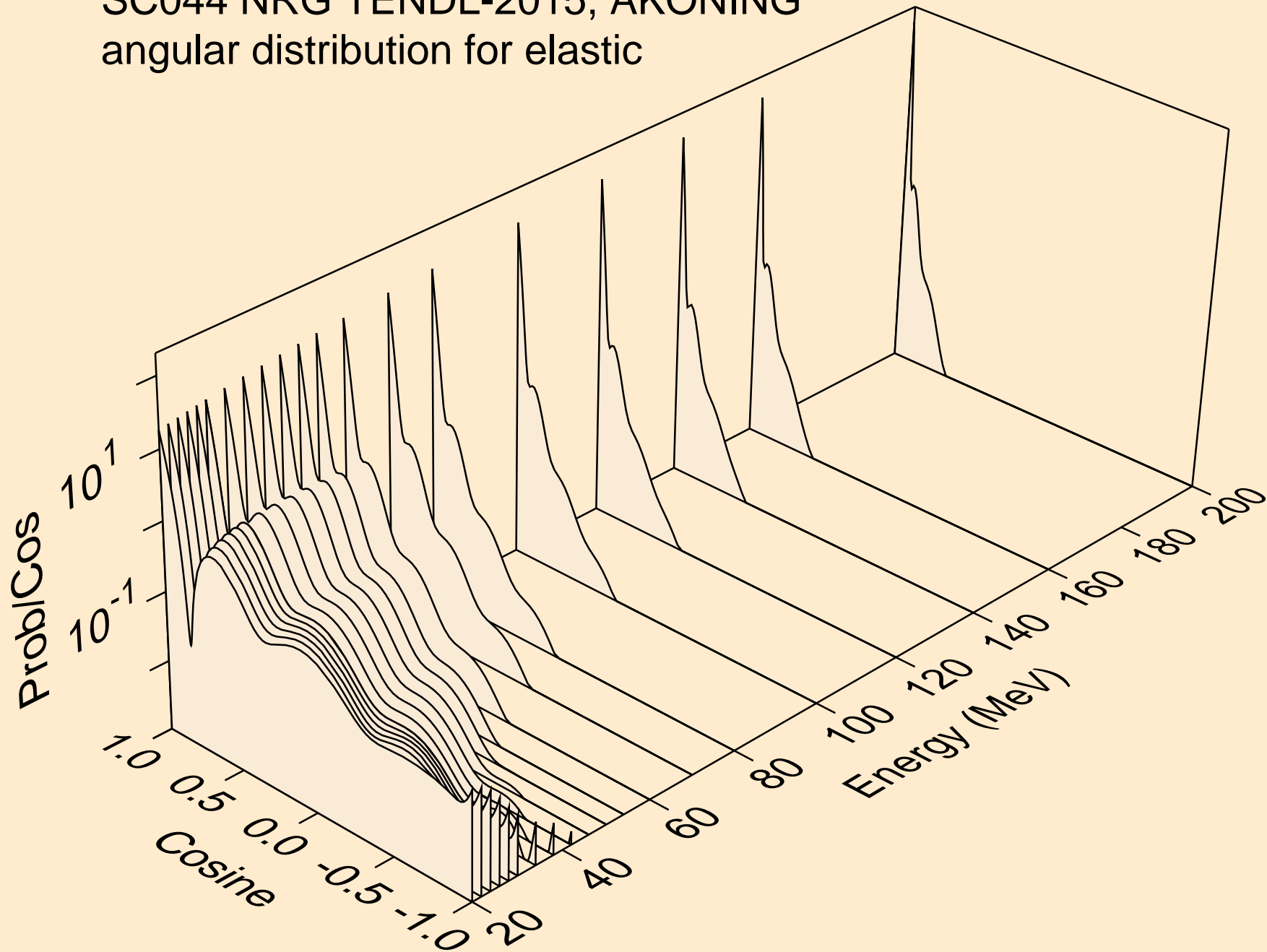




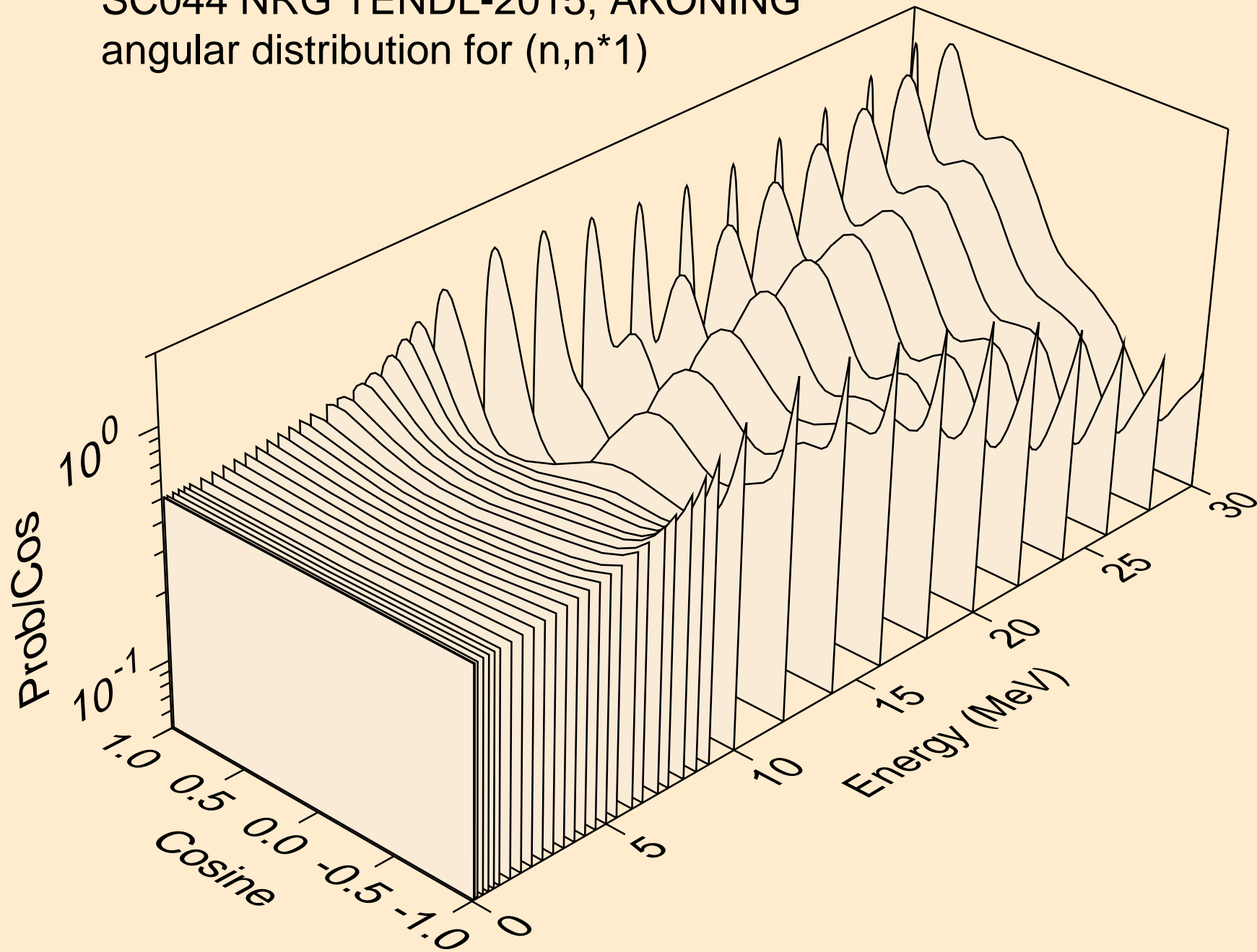
SC044 NRG TENDL-2015, AKONING  
angular distribution for elastic



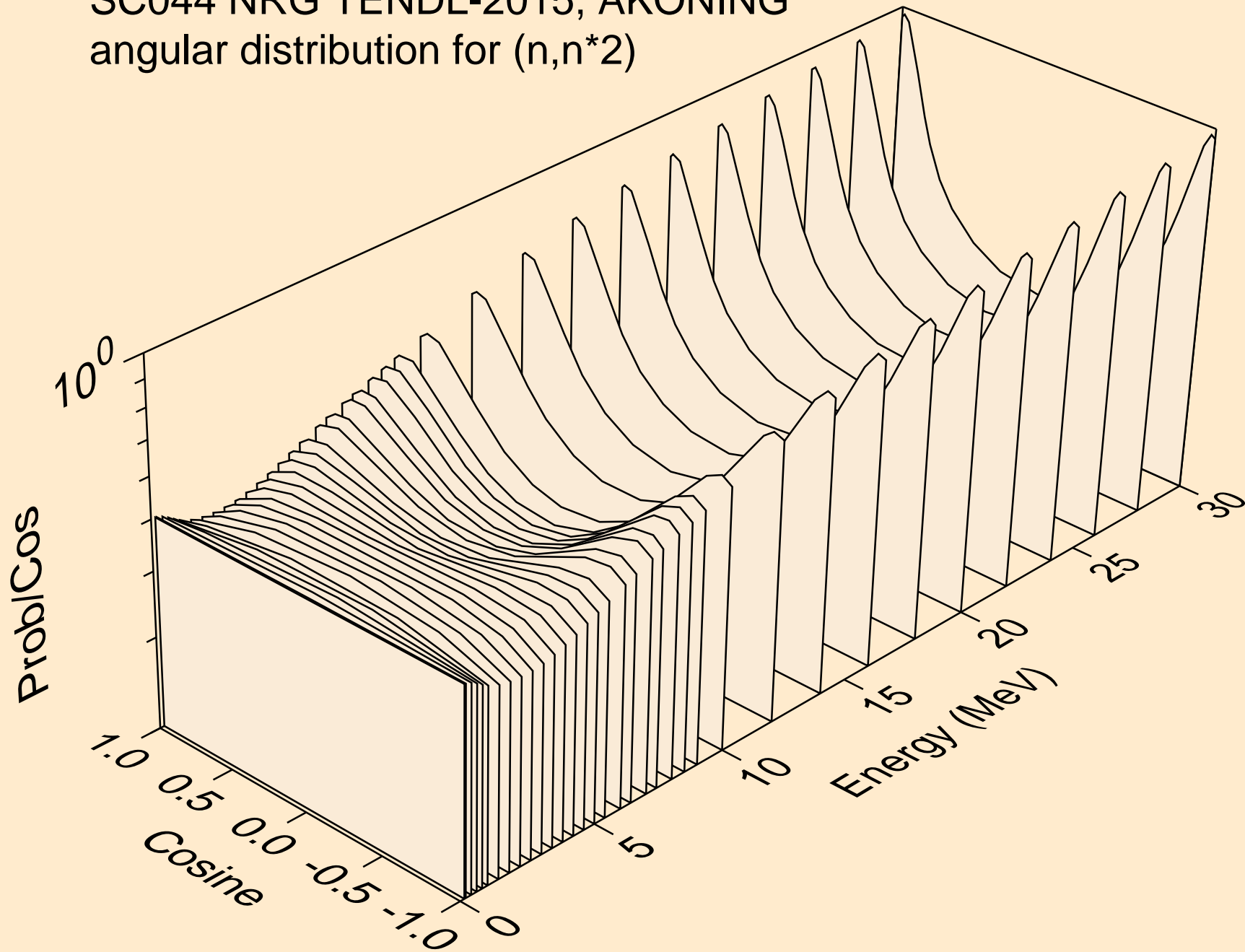
SC044 NRG TENDL-2015, AKONING  
angular distribution for elastic



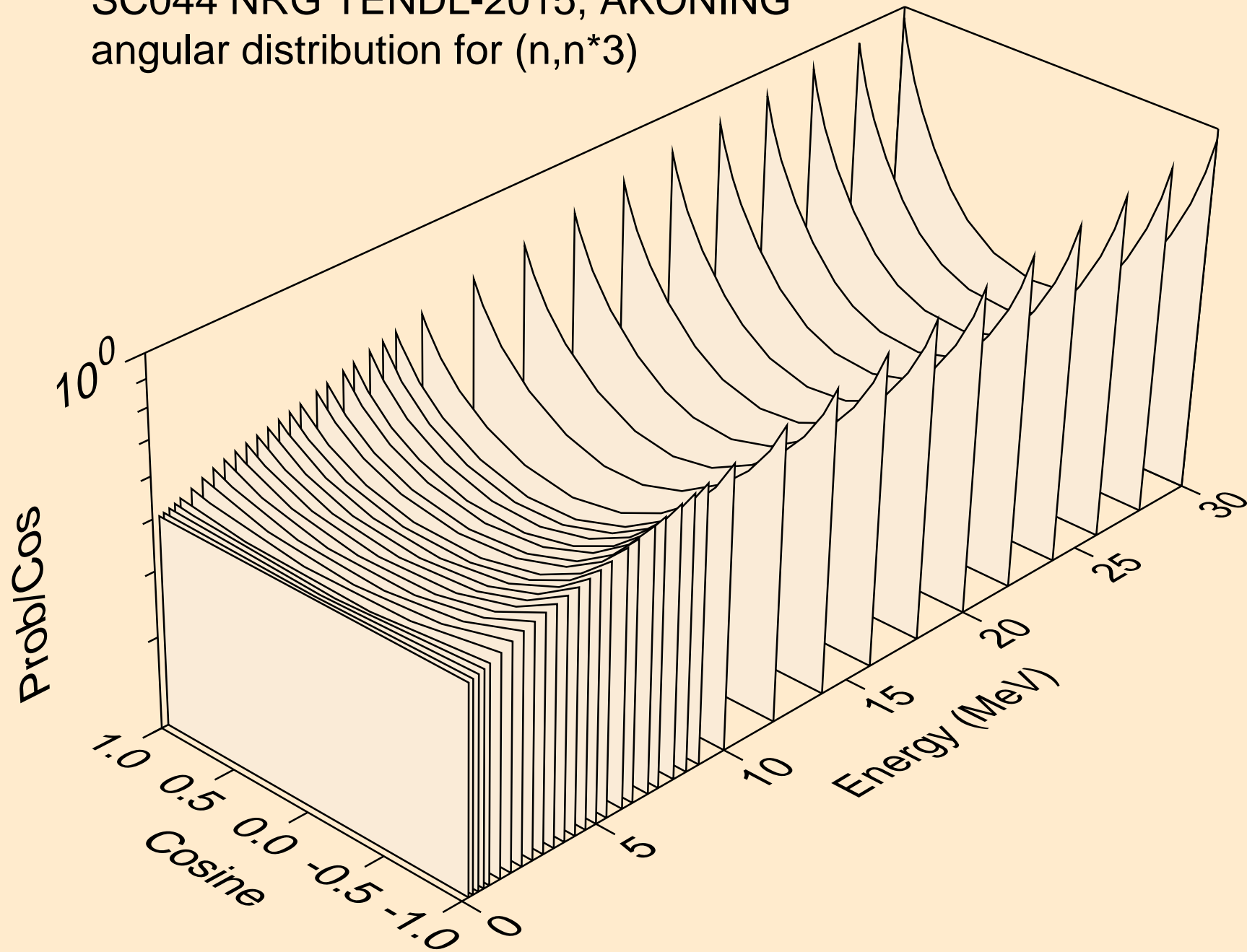
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



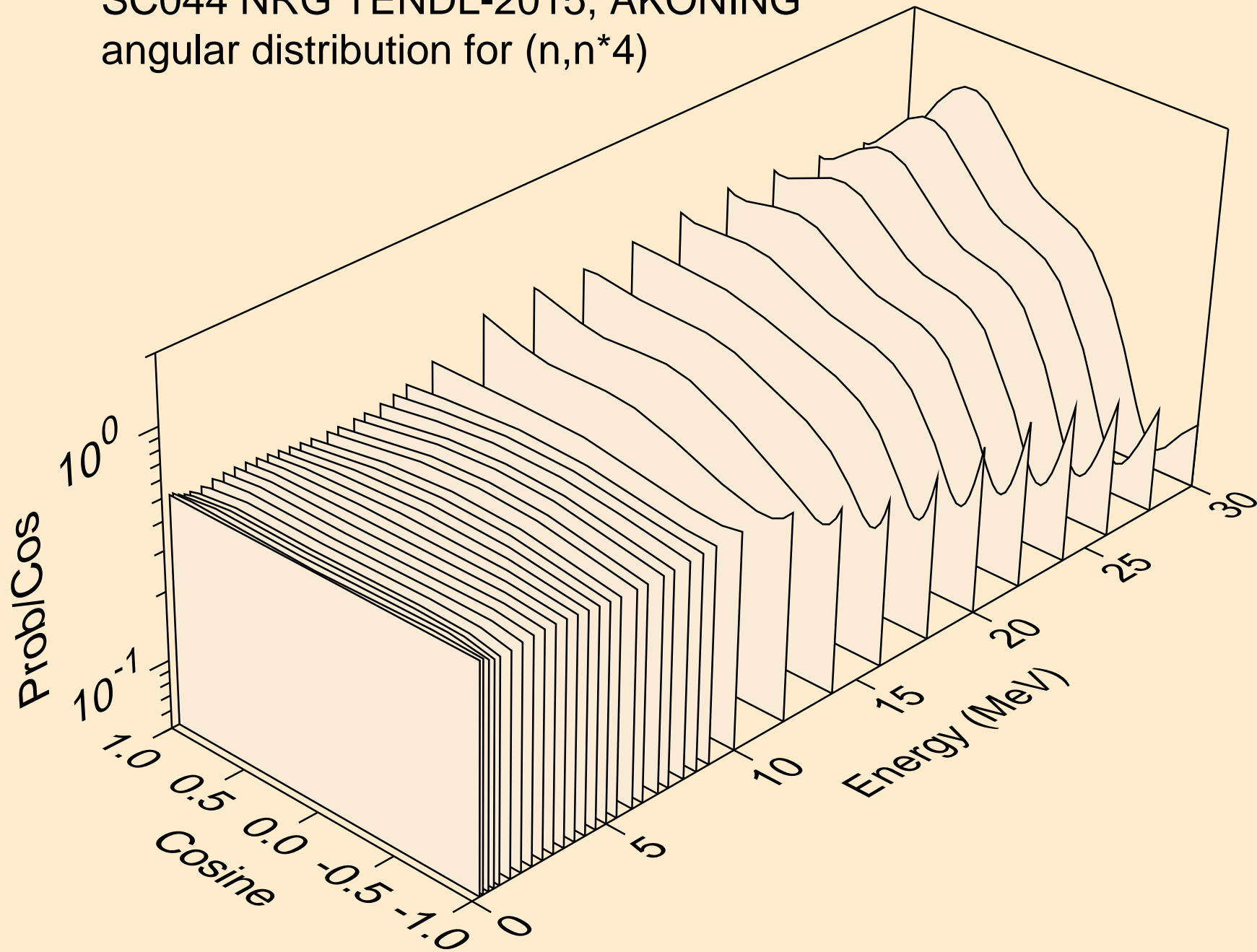
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



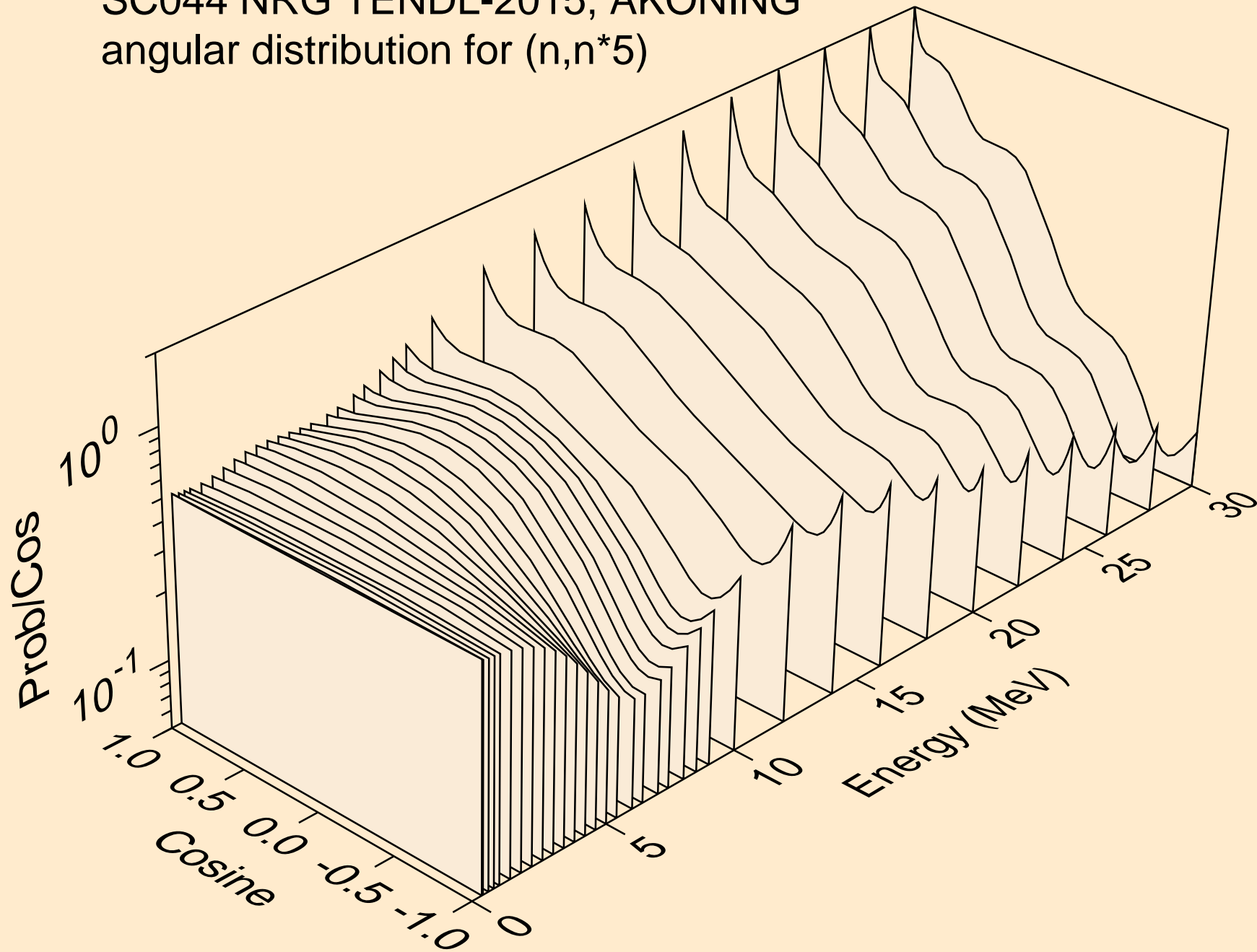
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



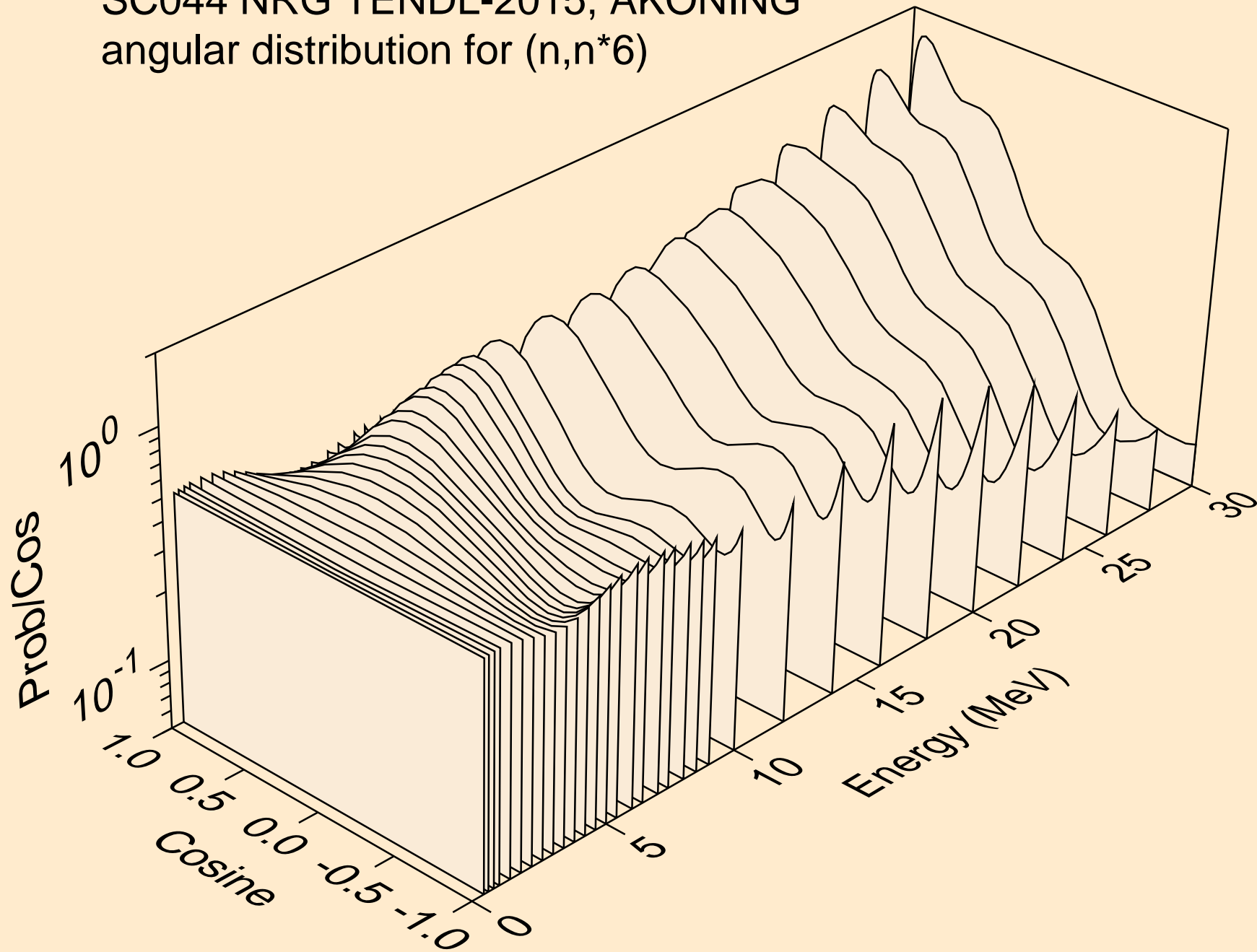
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

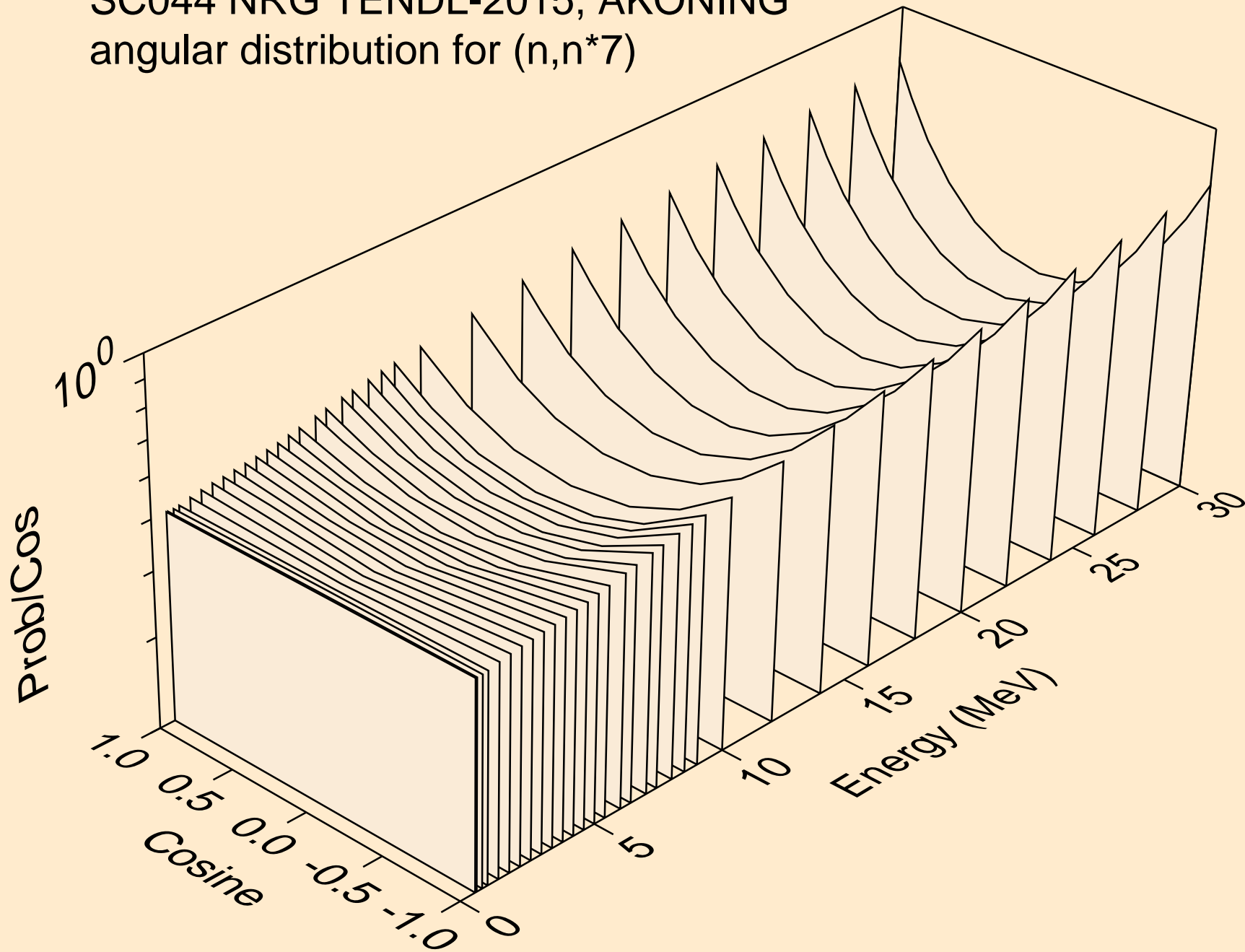


SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

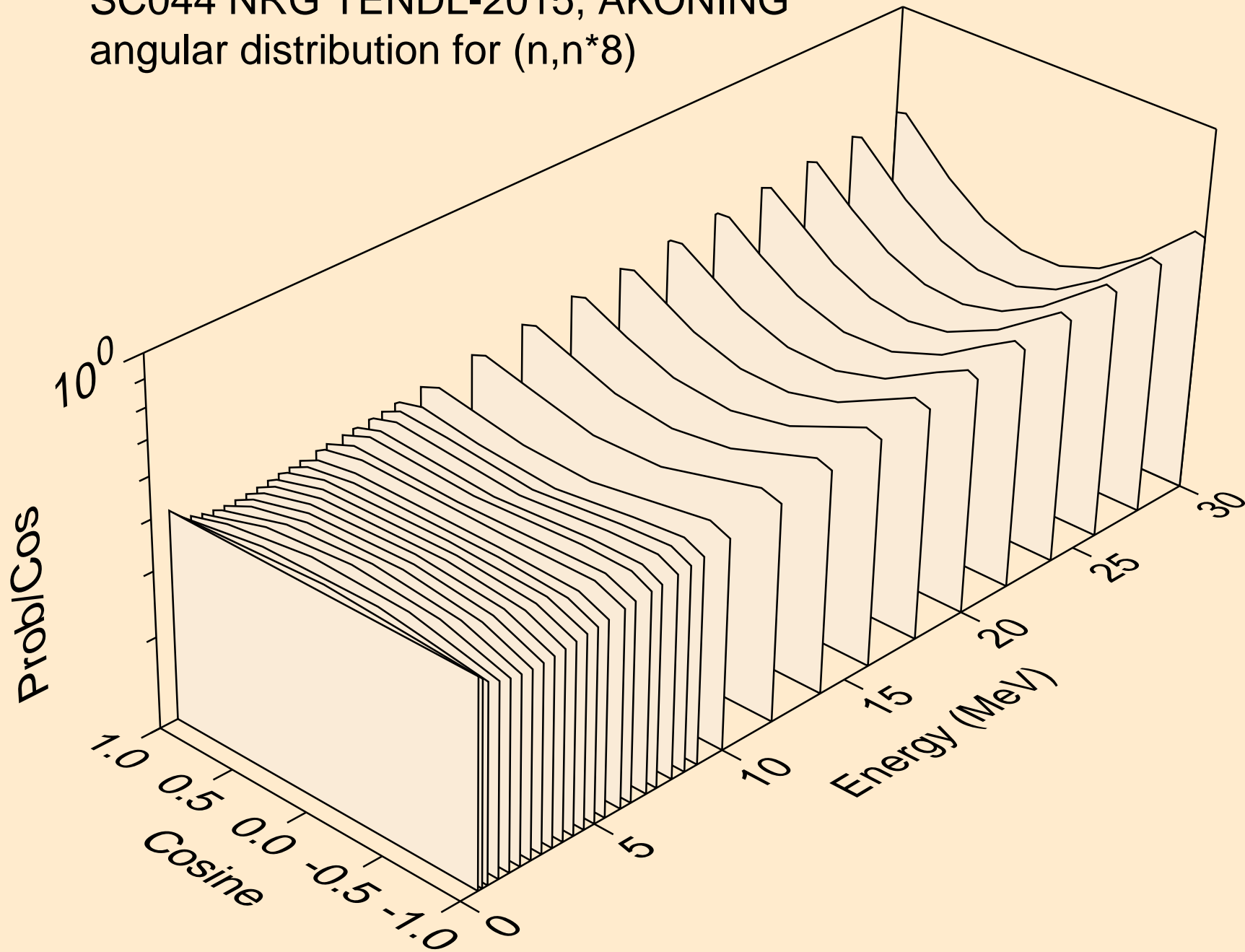




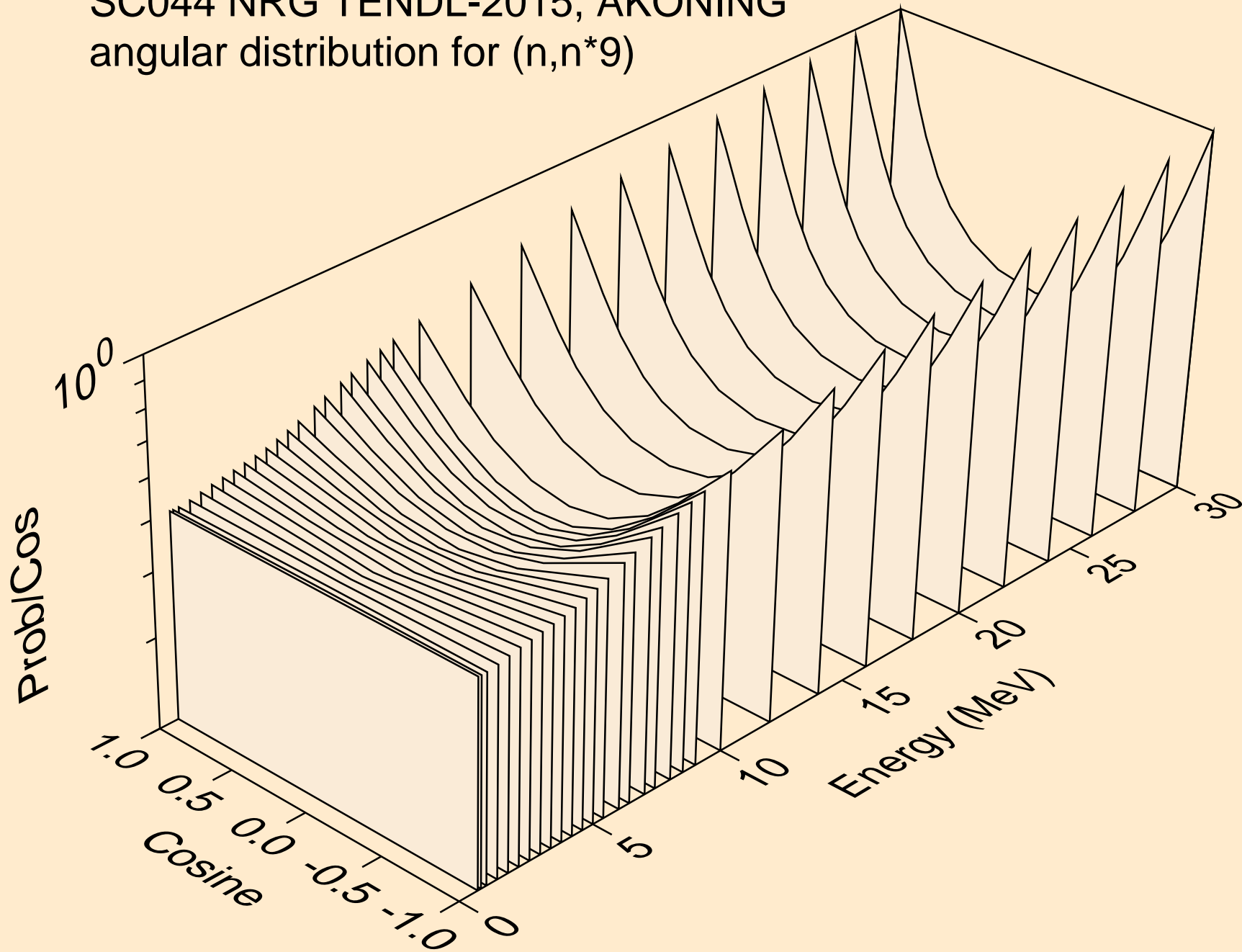
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



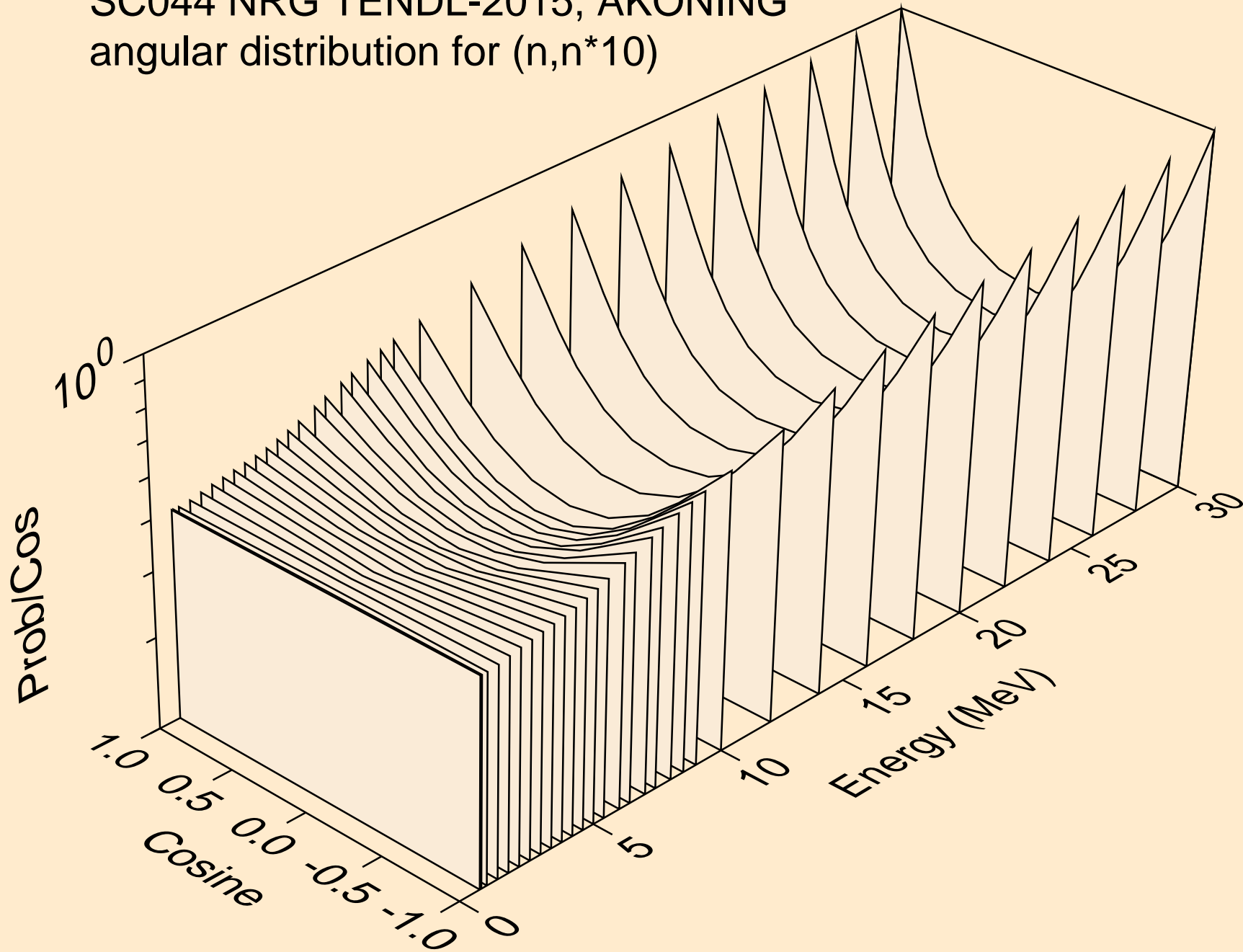
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



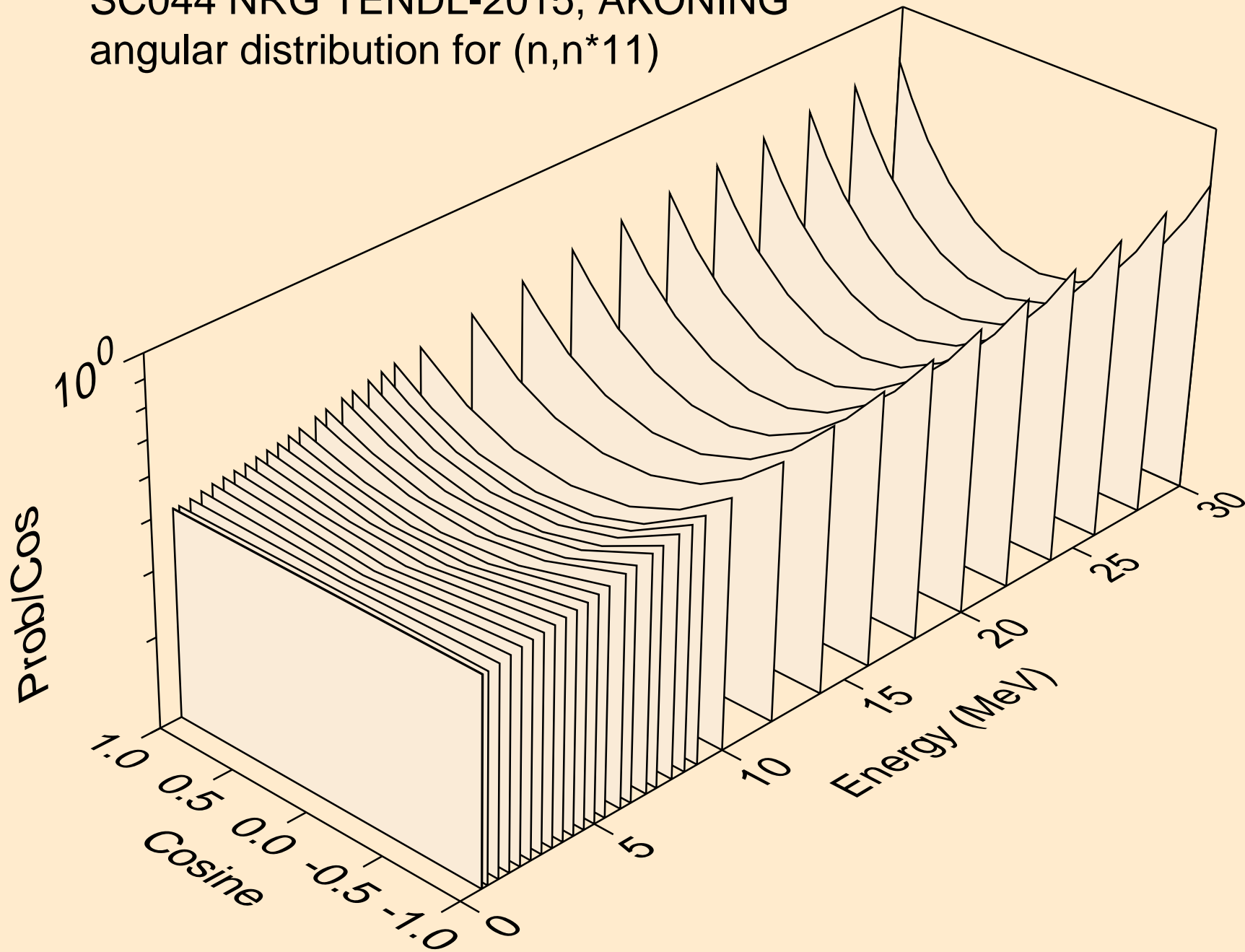
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



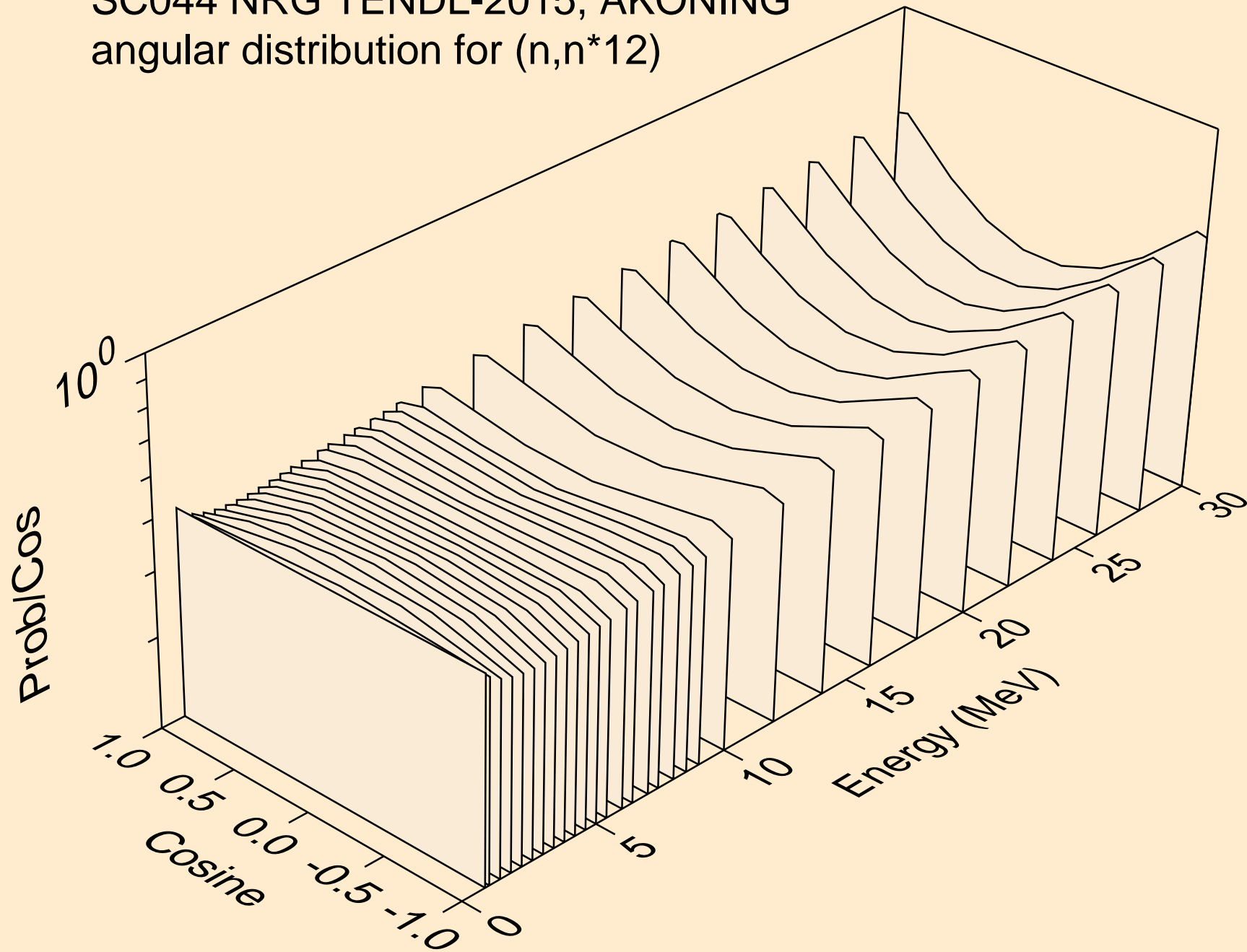
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



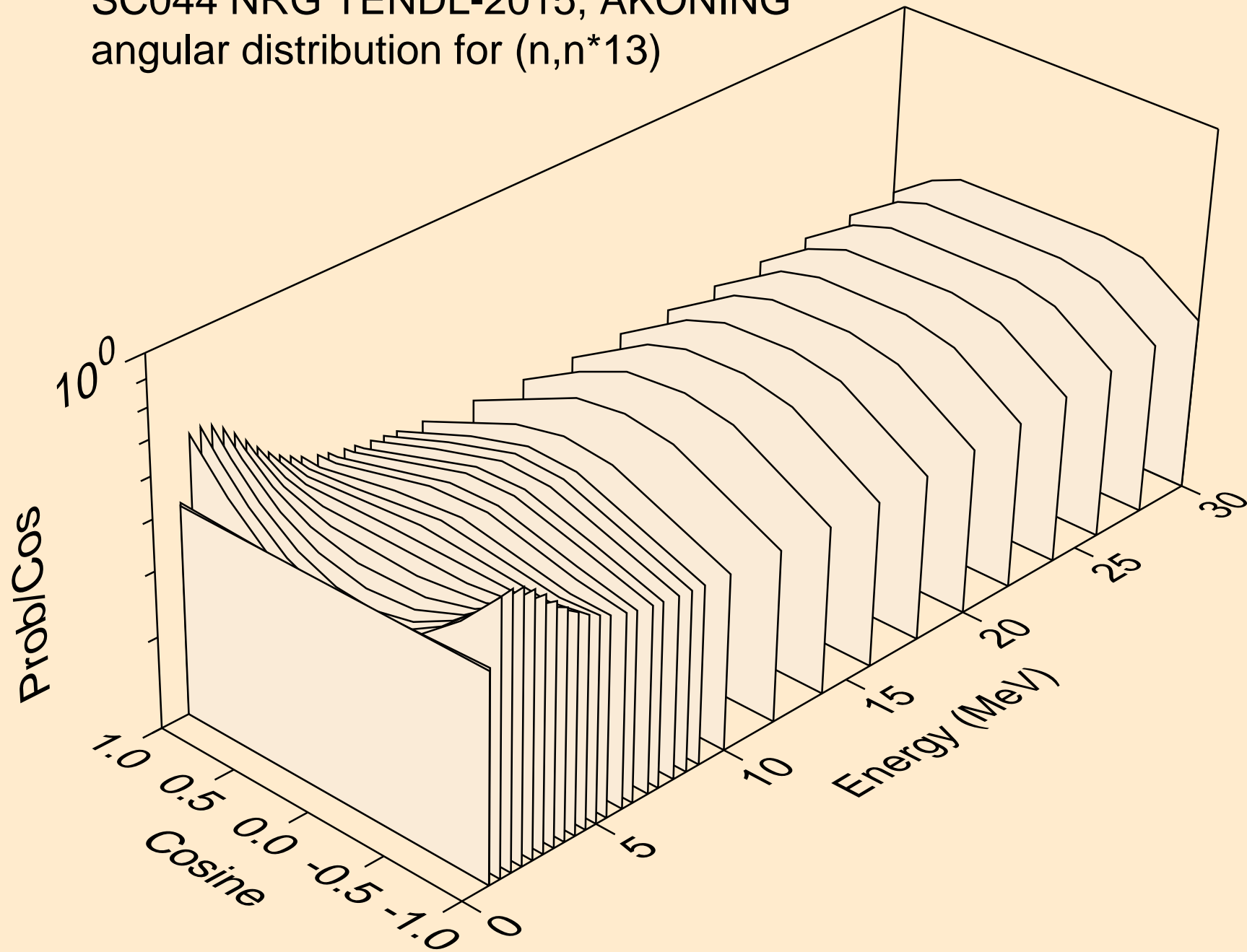
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



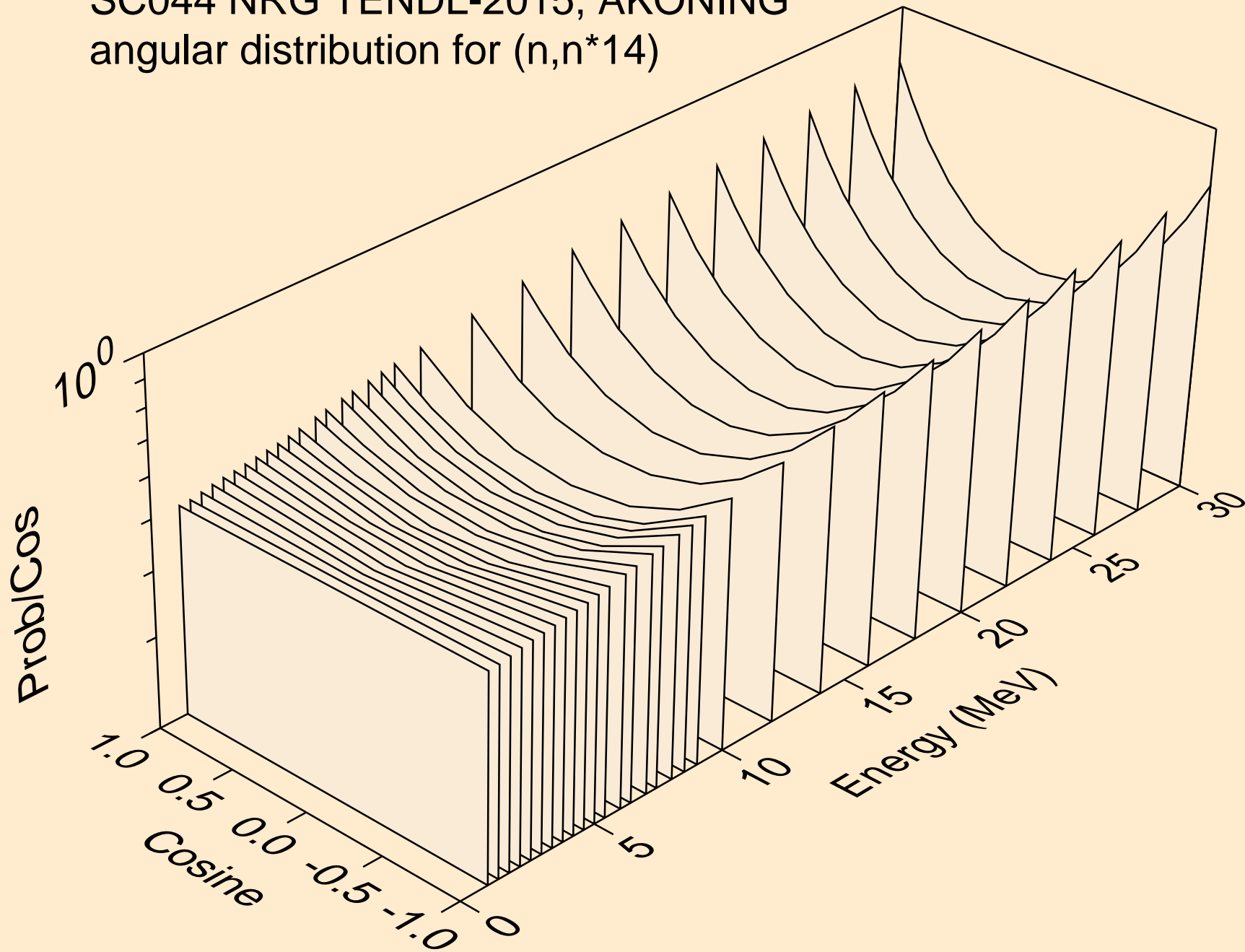
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

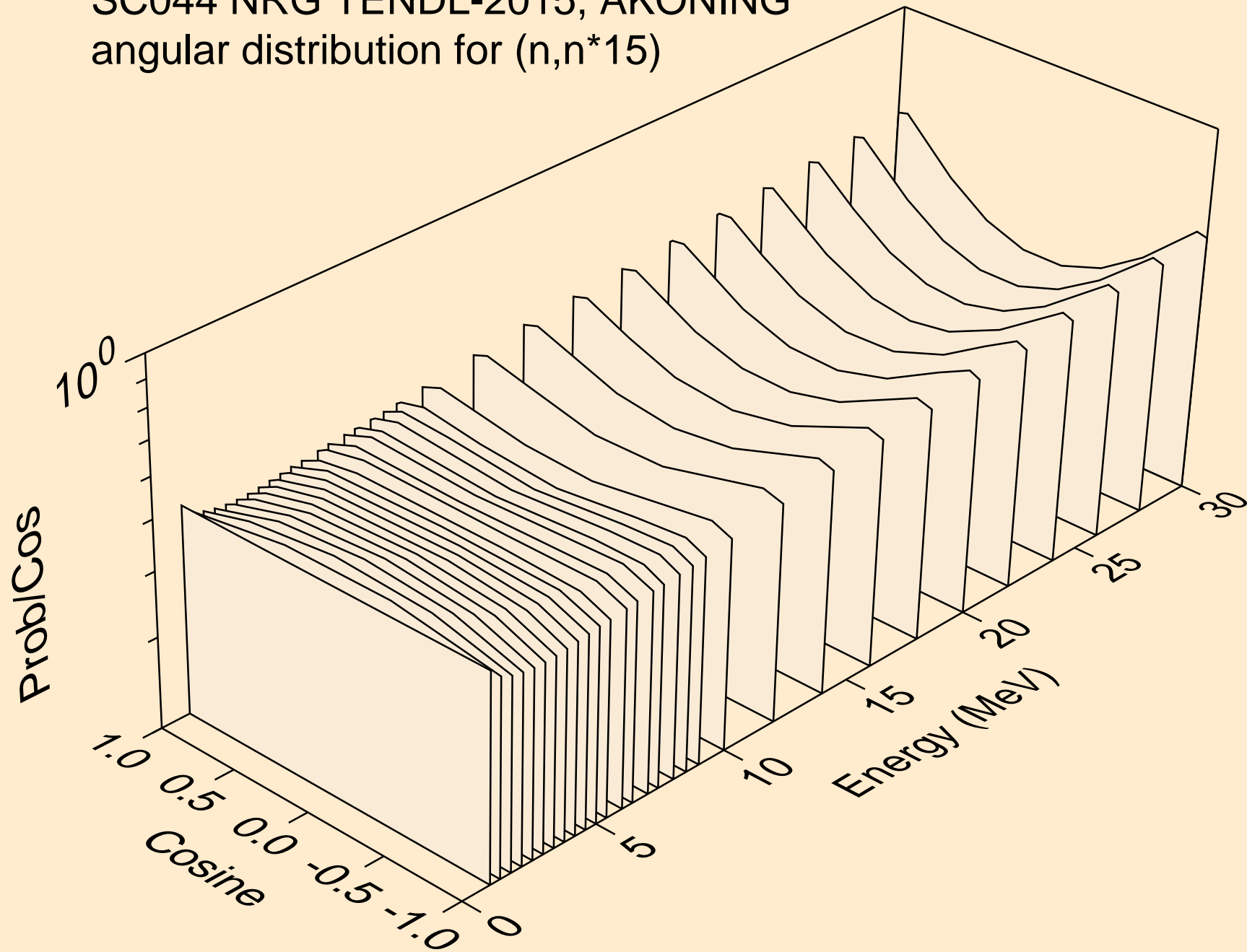


SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

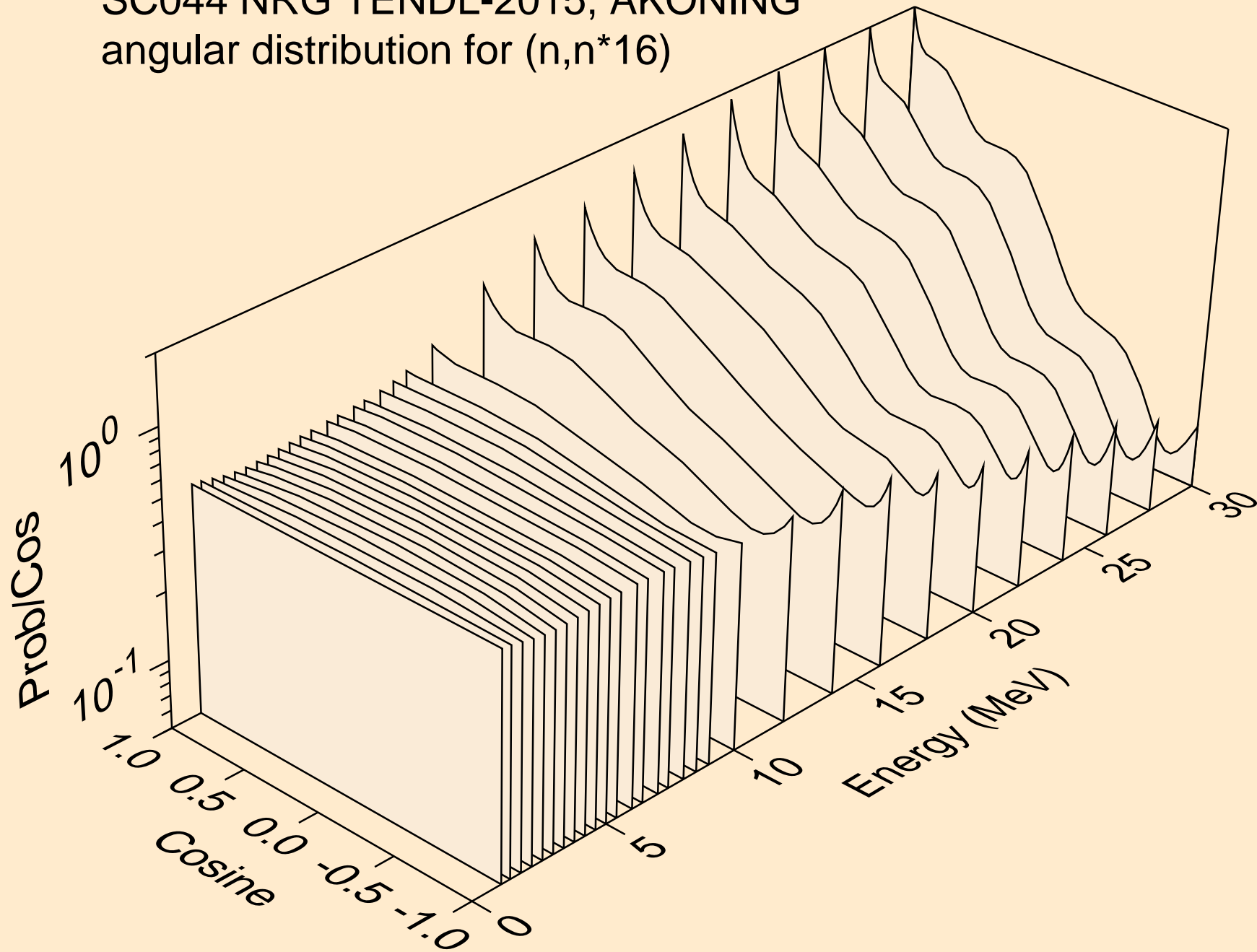




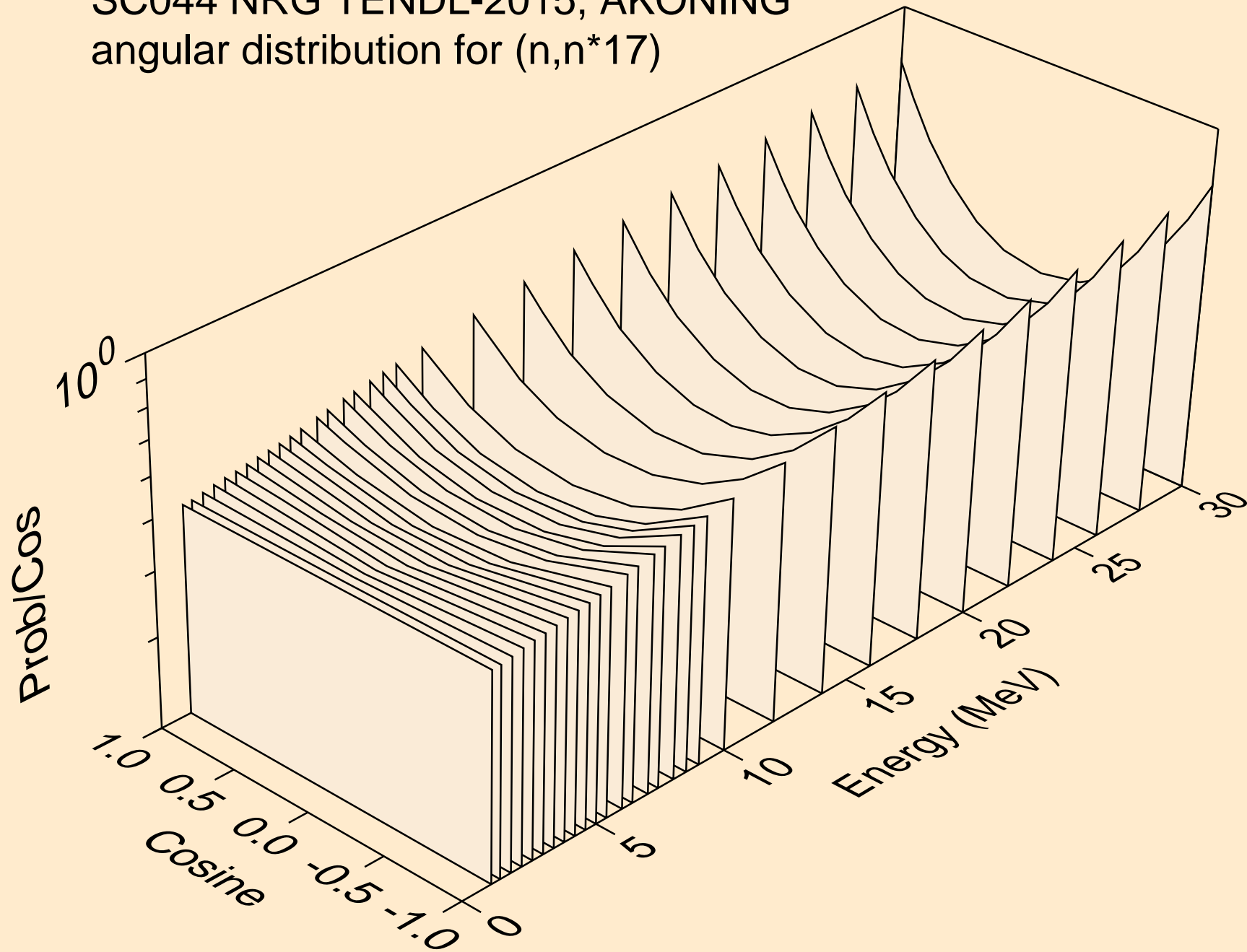
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



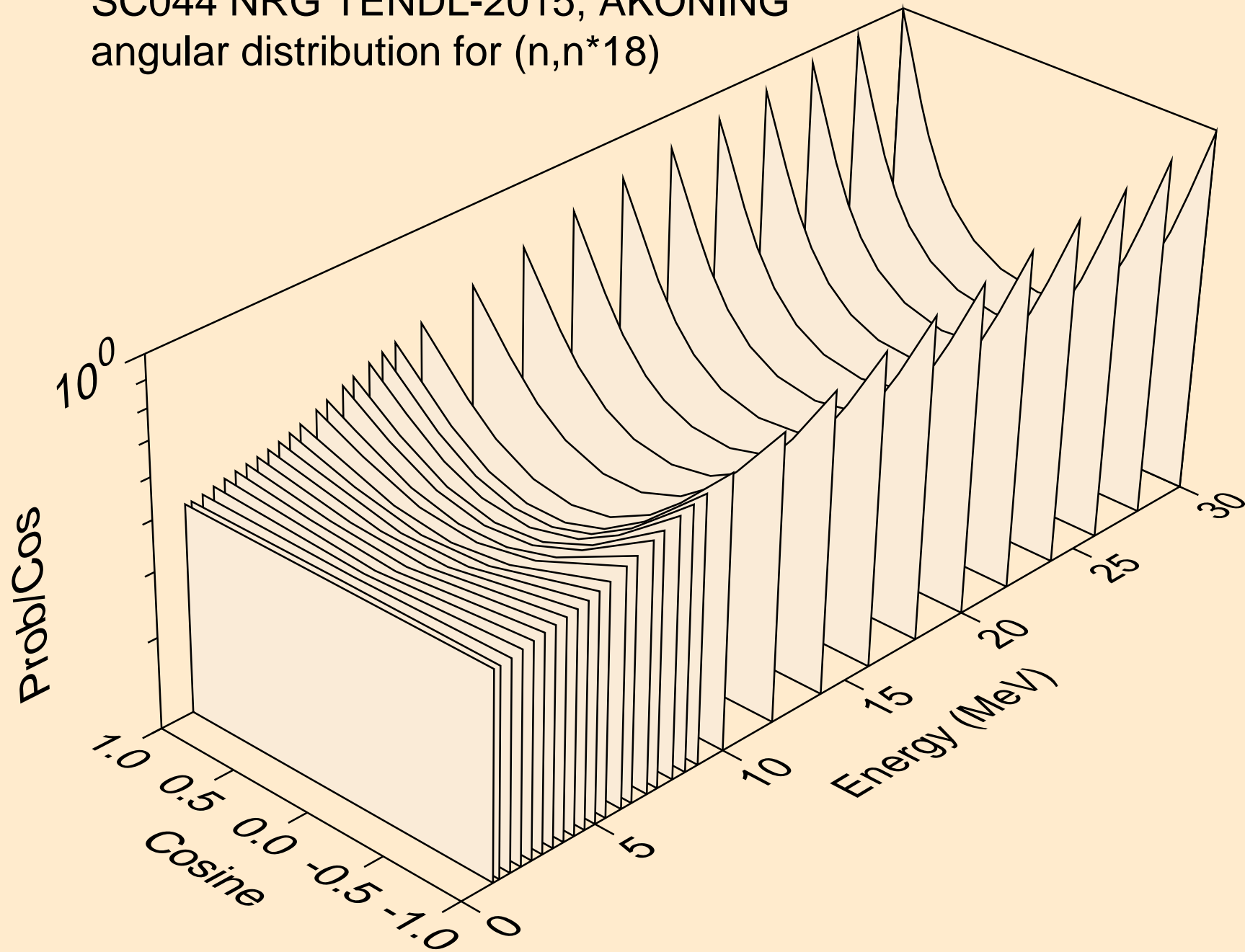
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



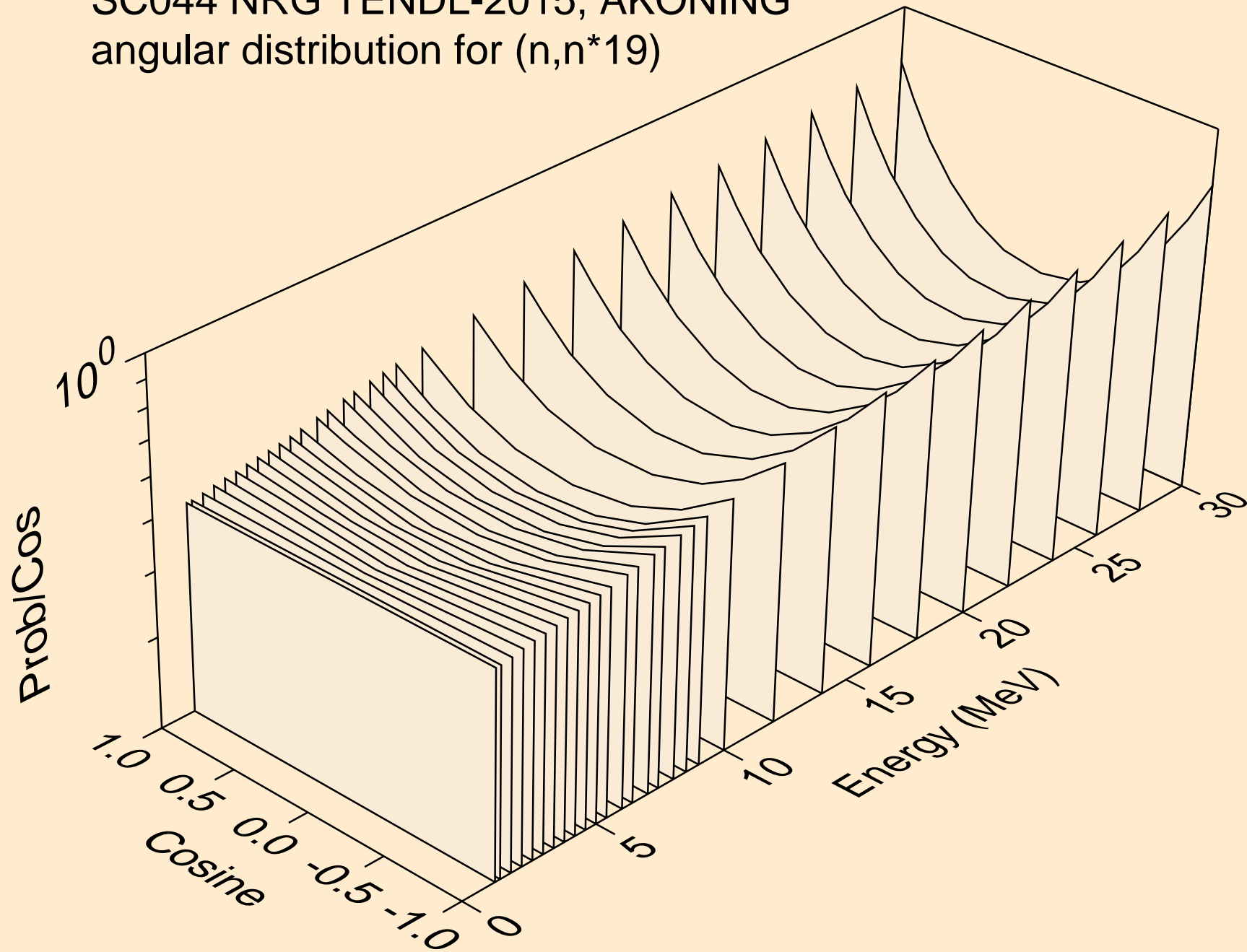
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



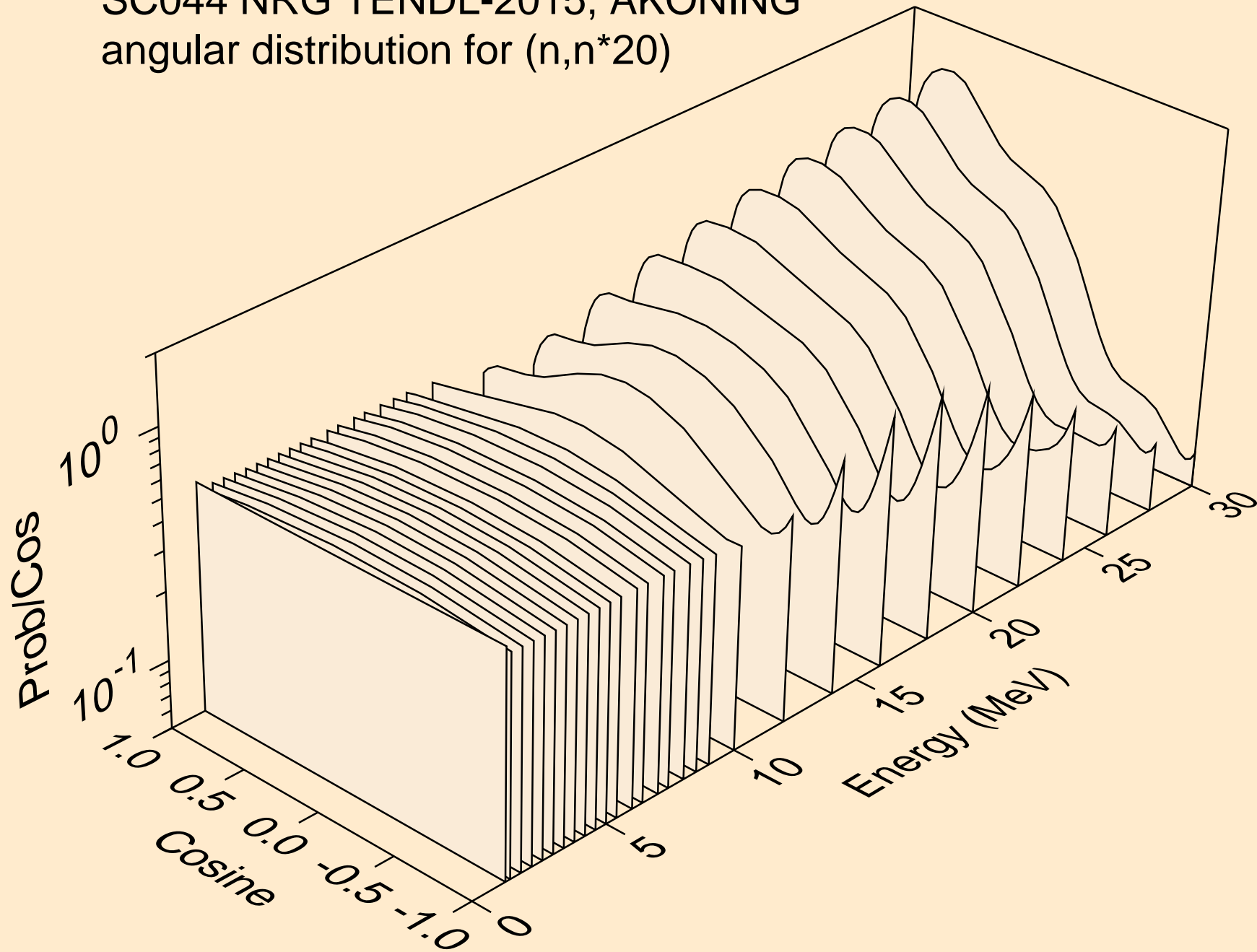
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



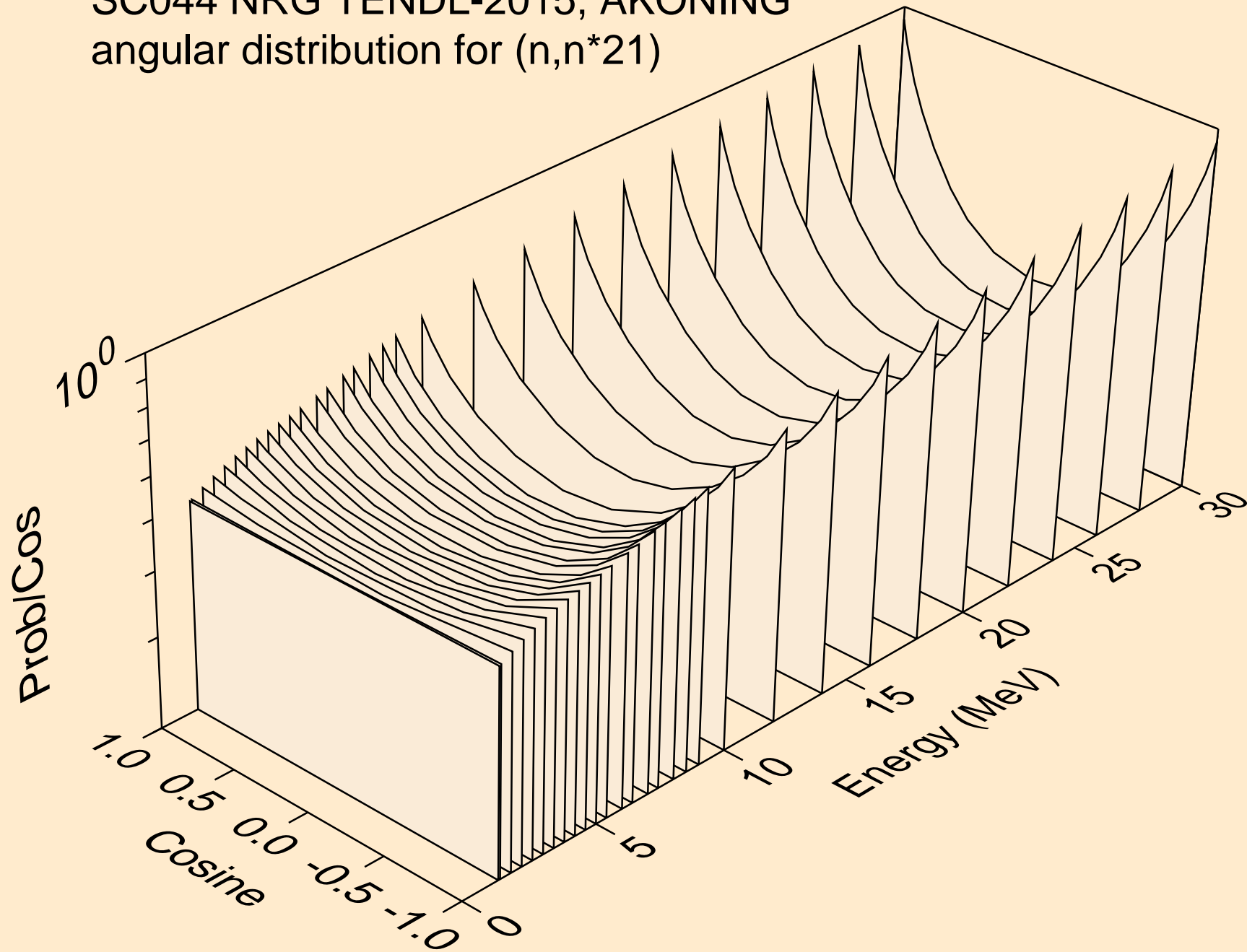
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



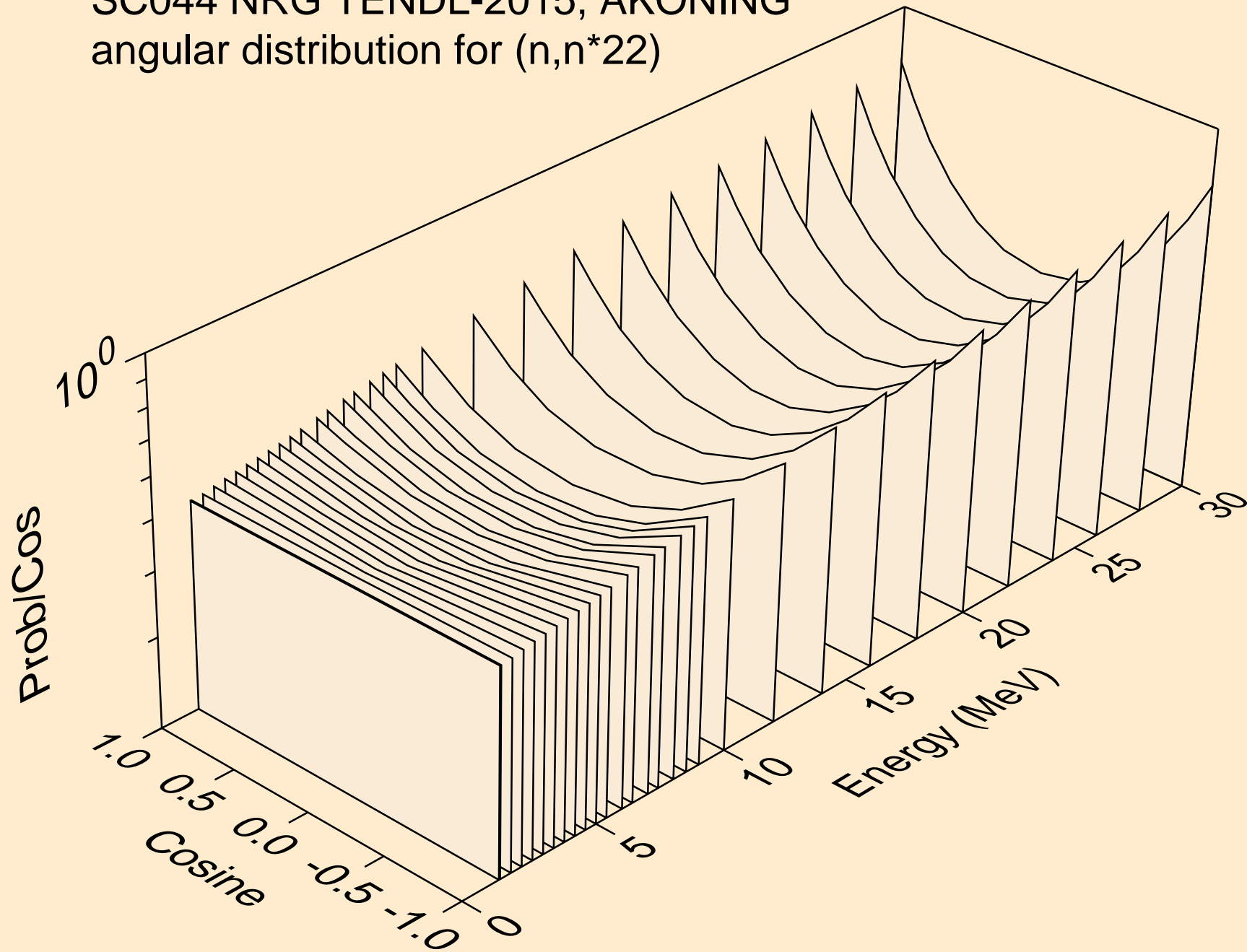
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

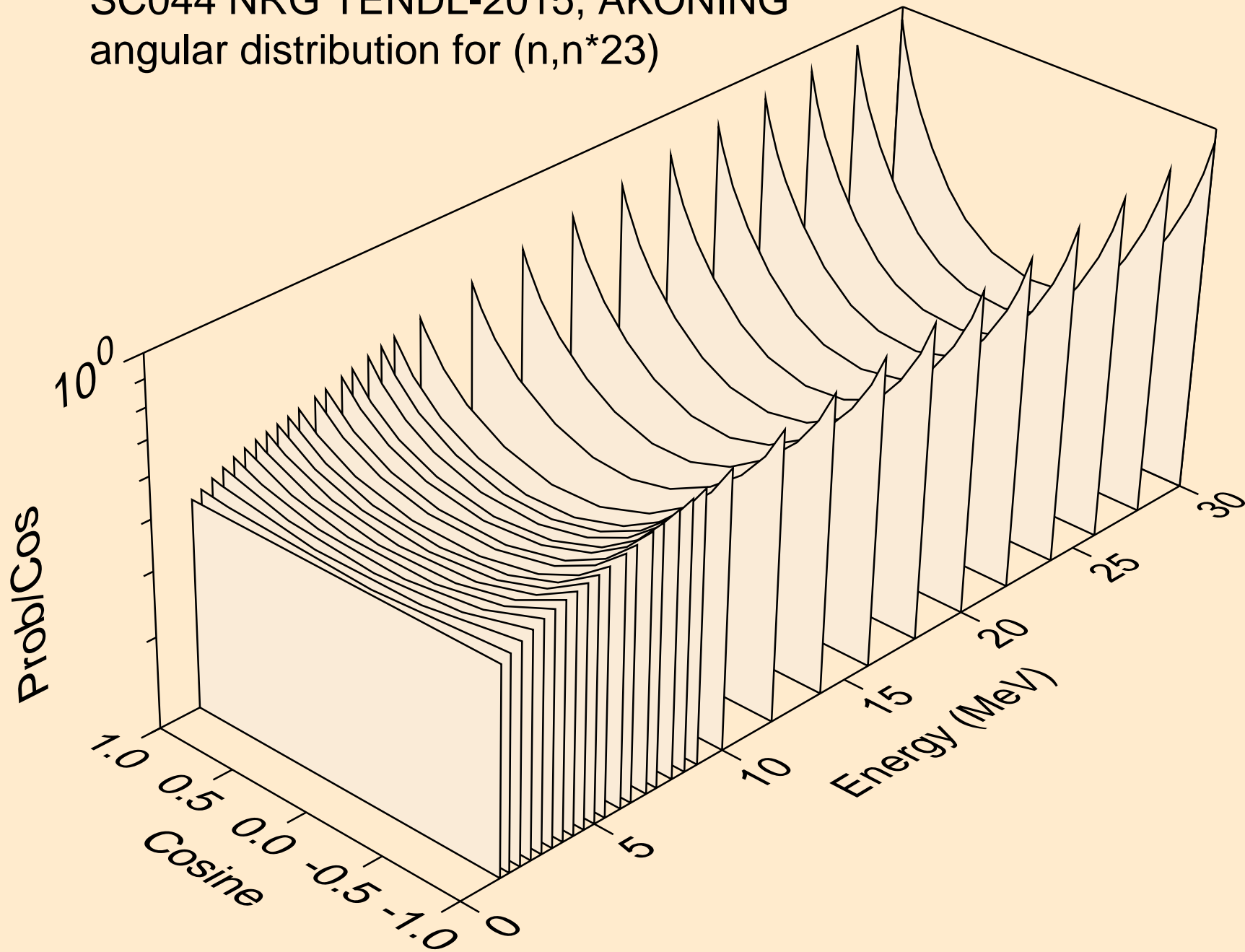


SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

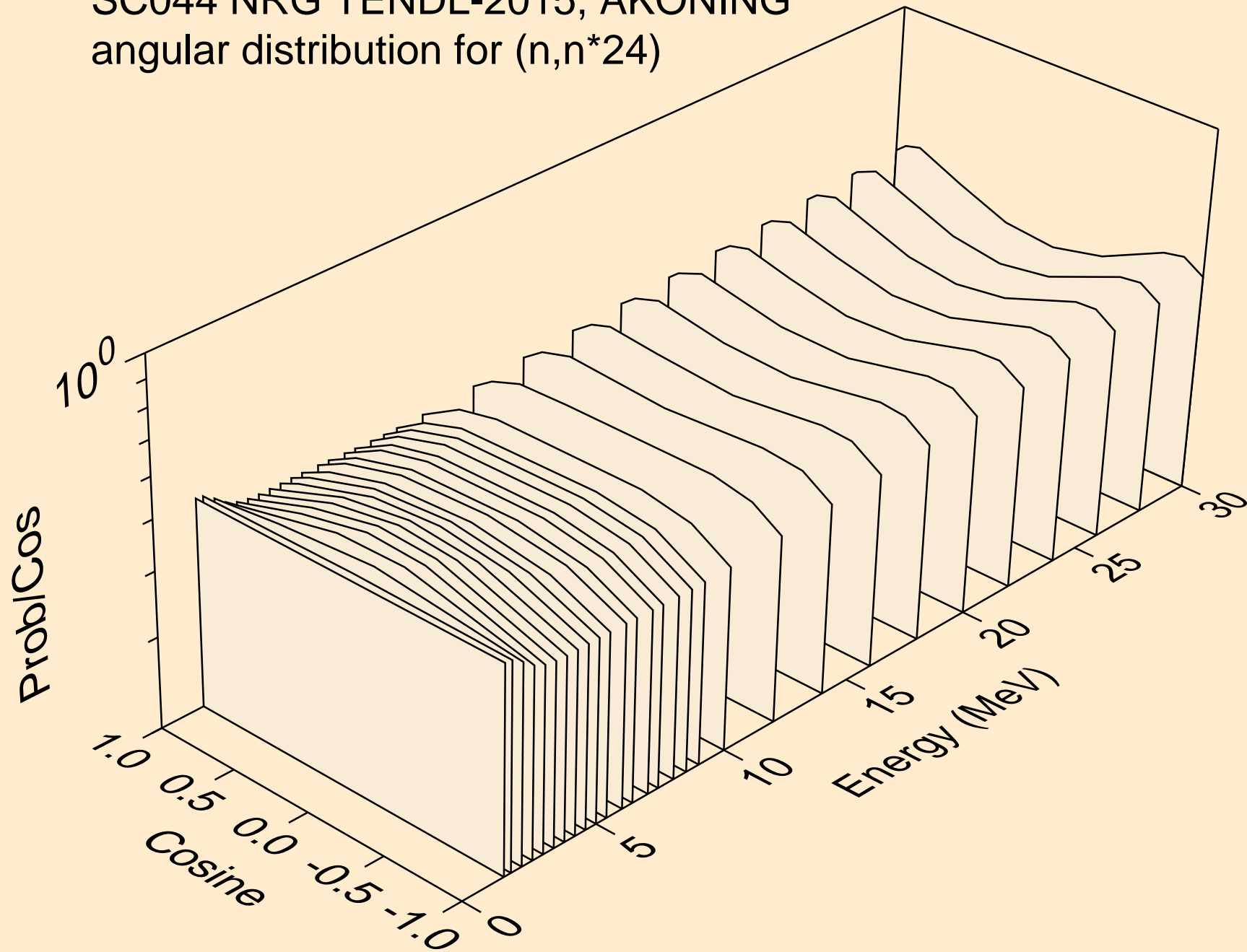




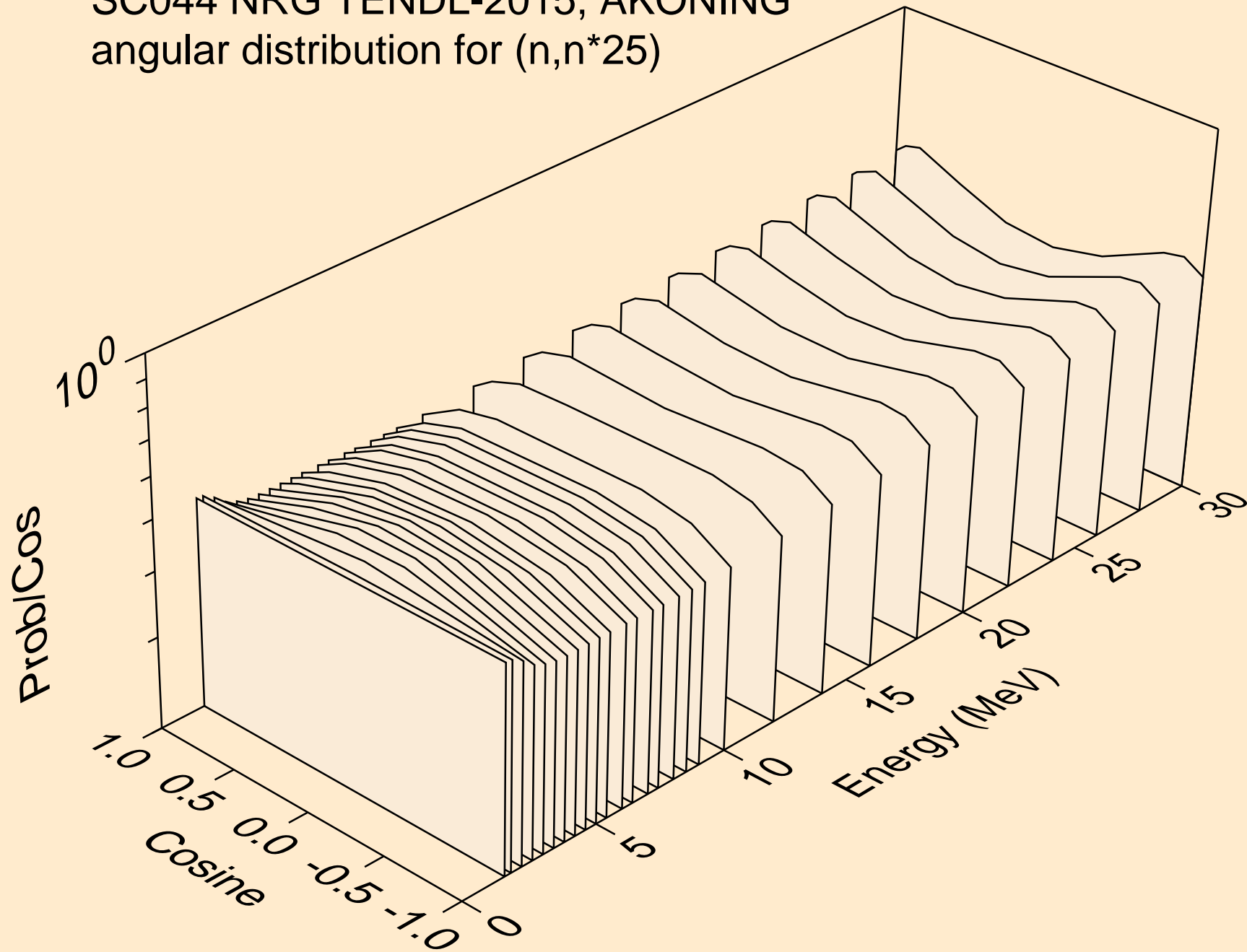
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



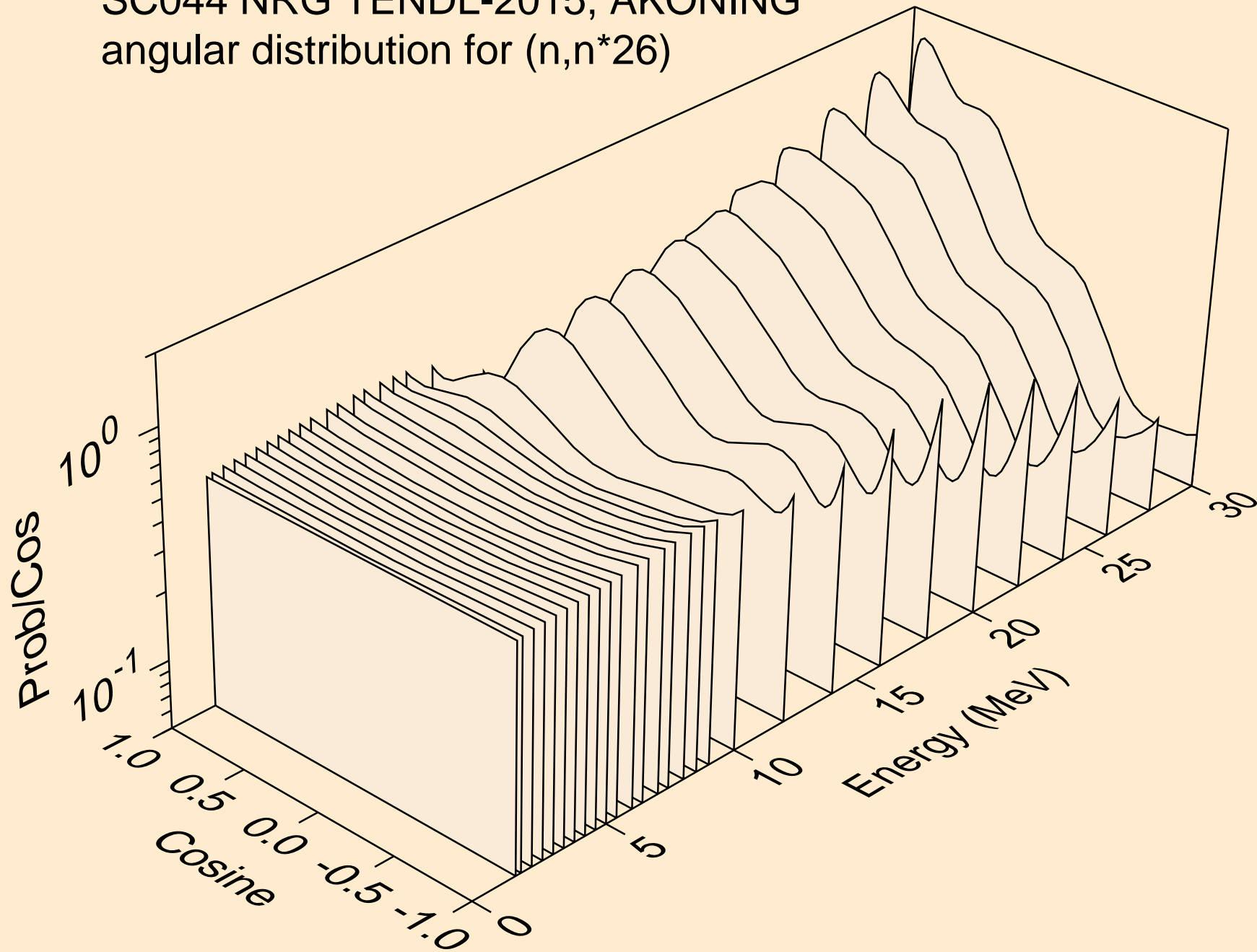
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



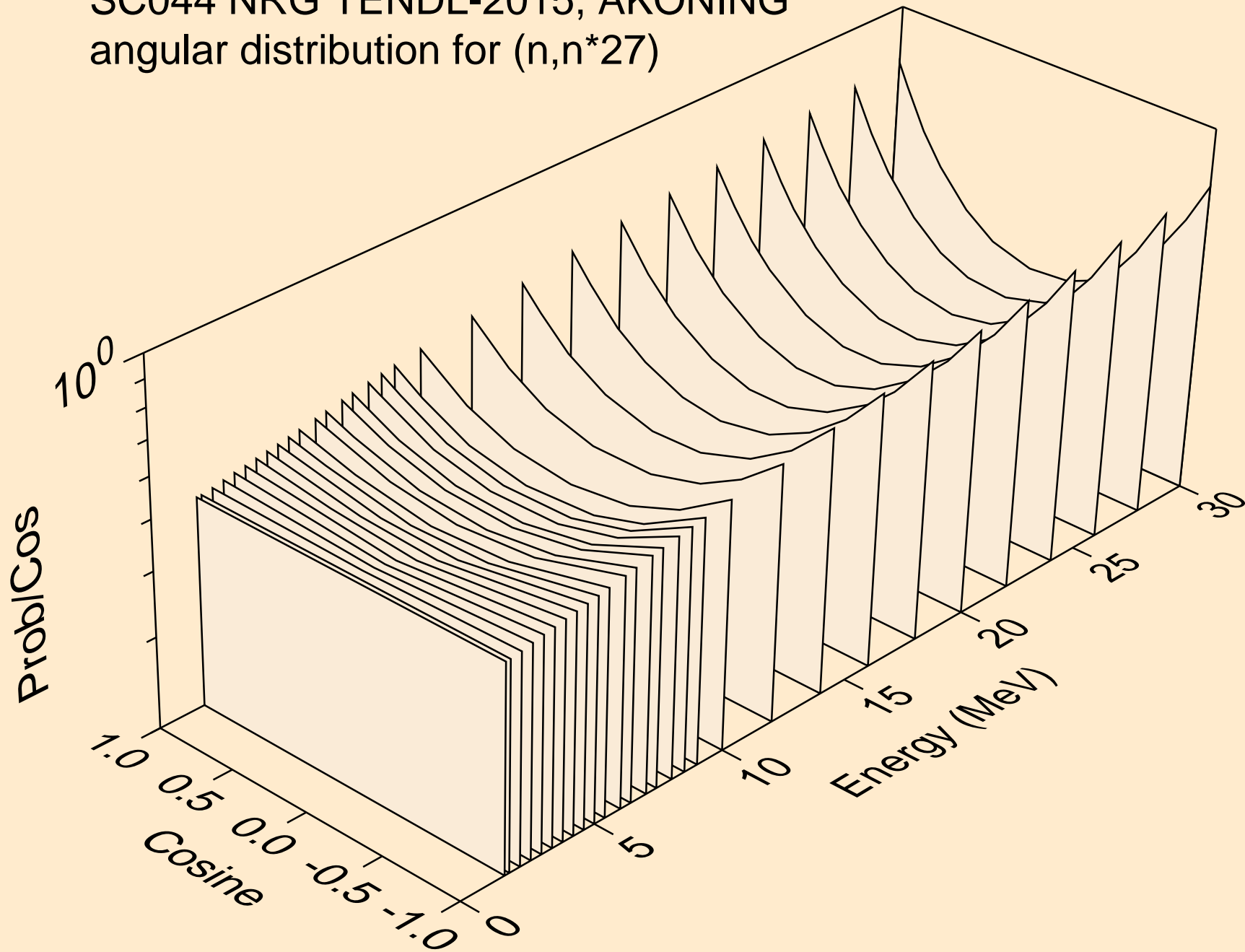
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



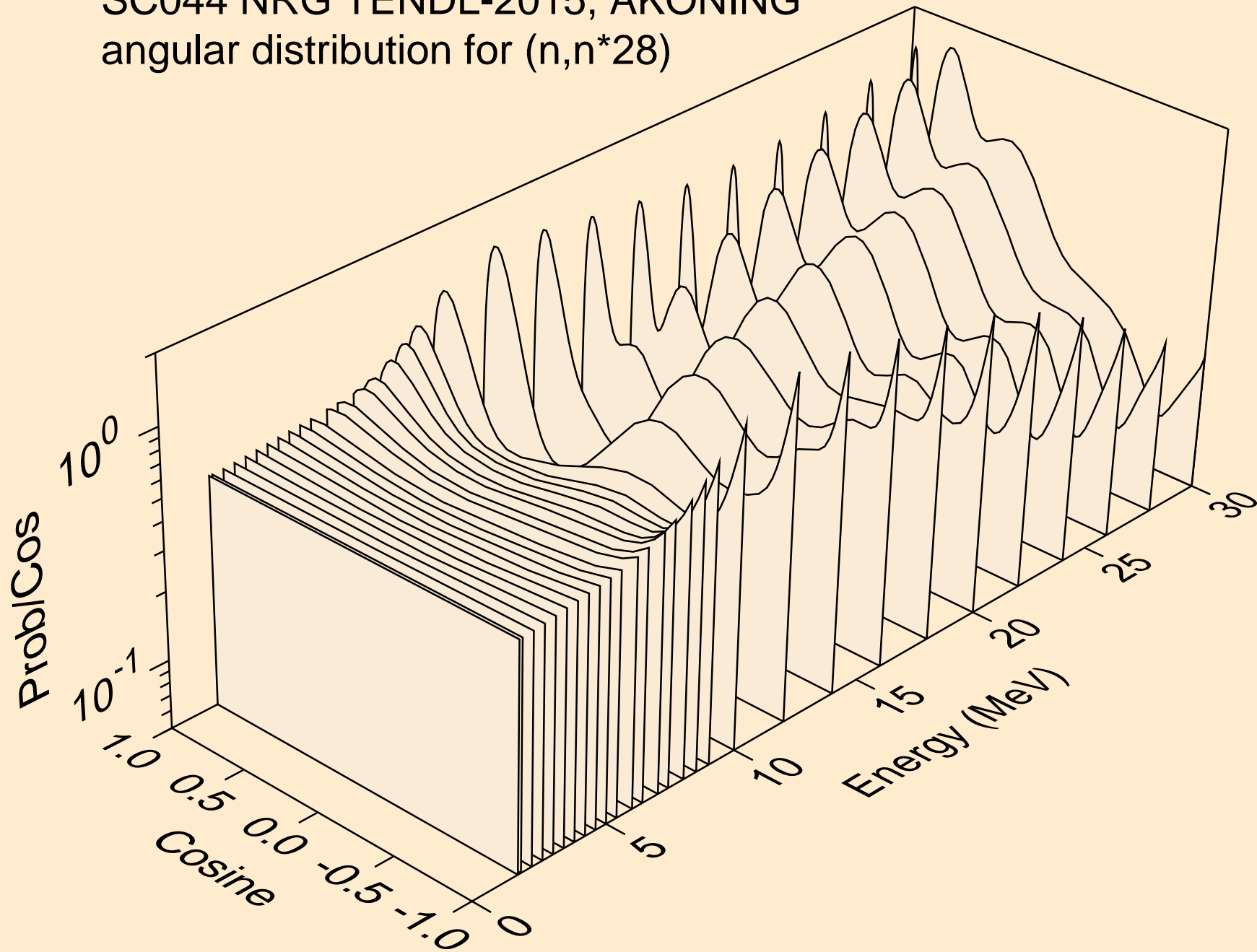
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



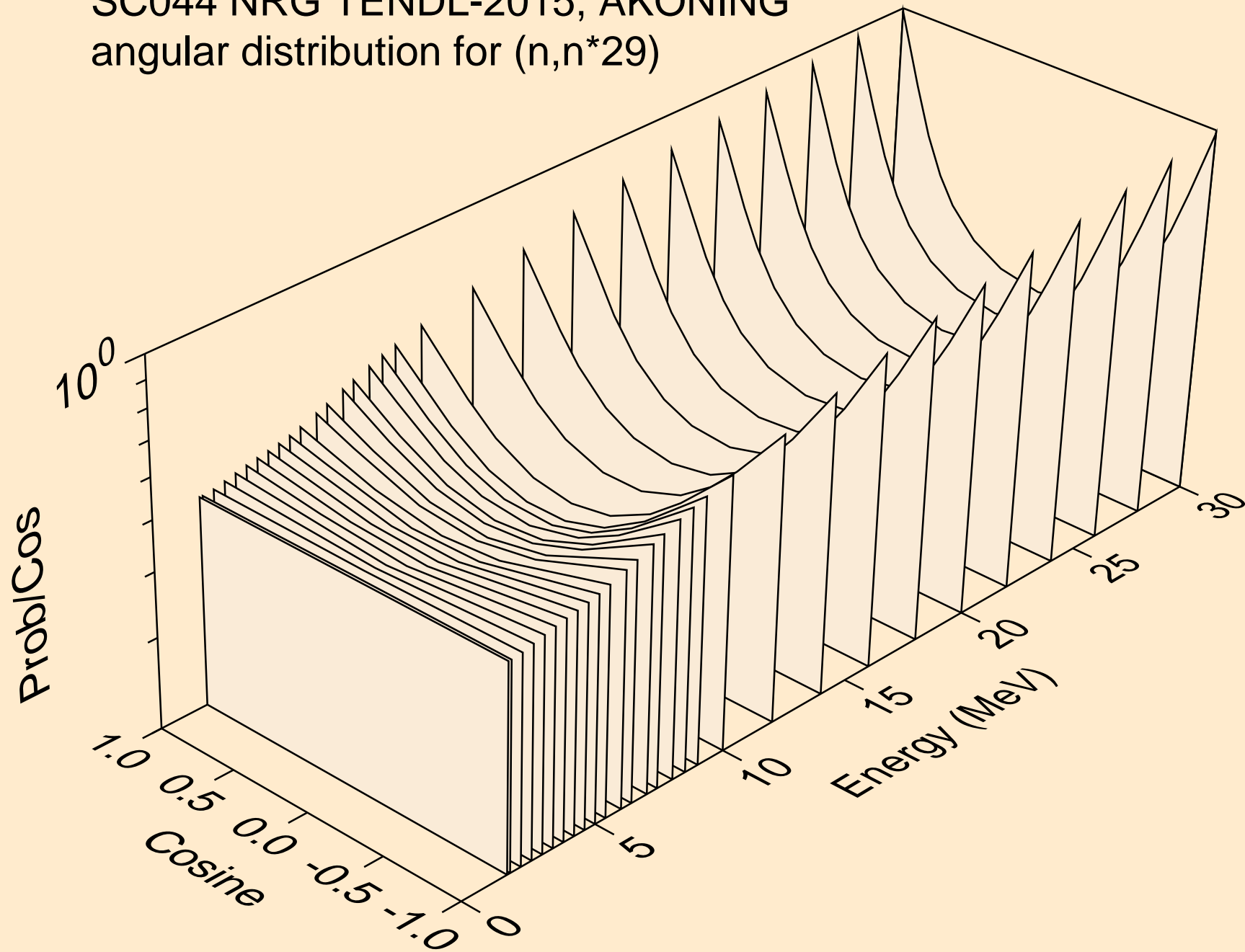
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



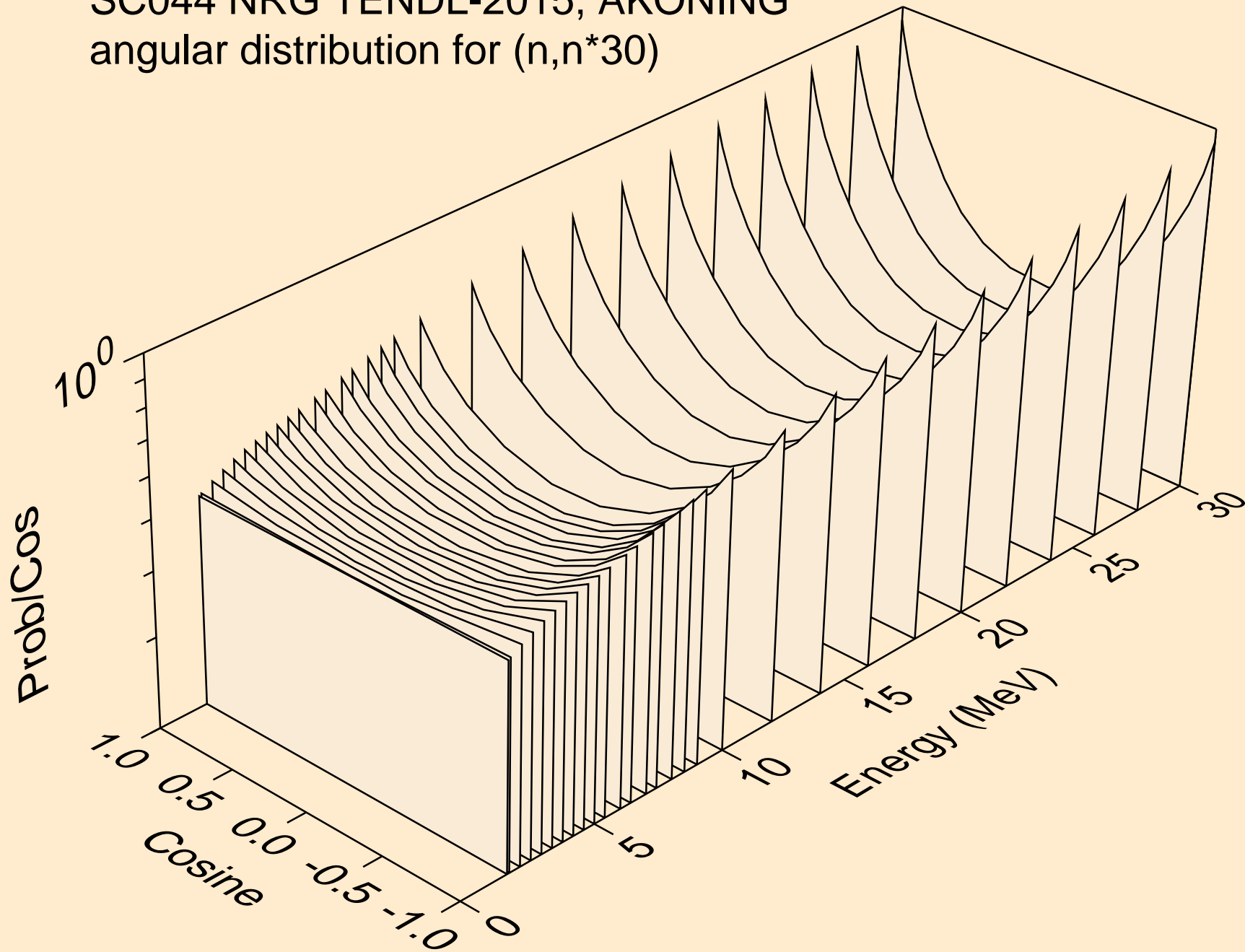
SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

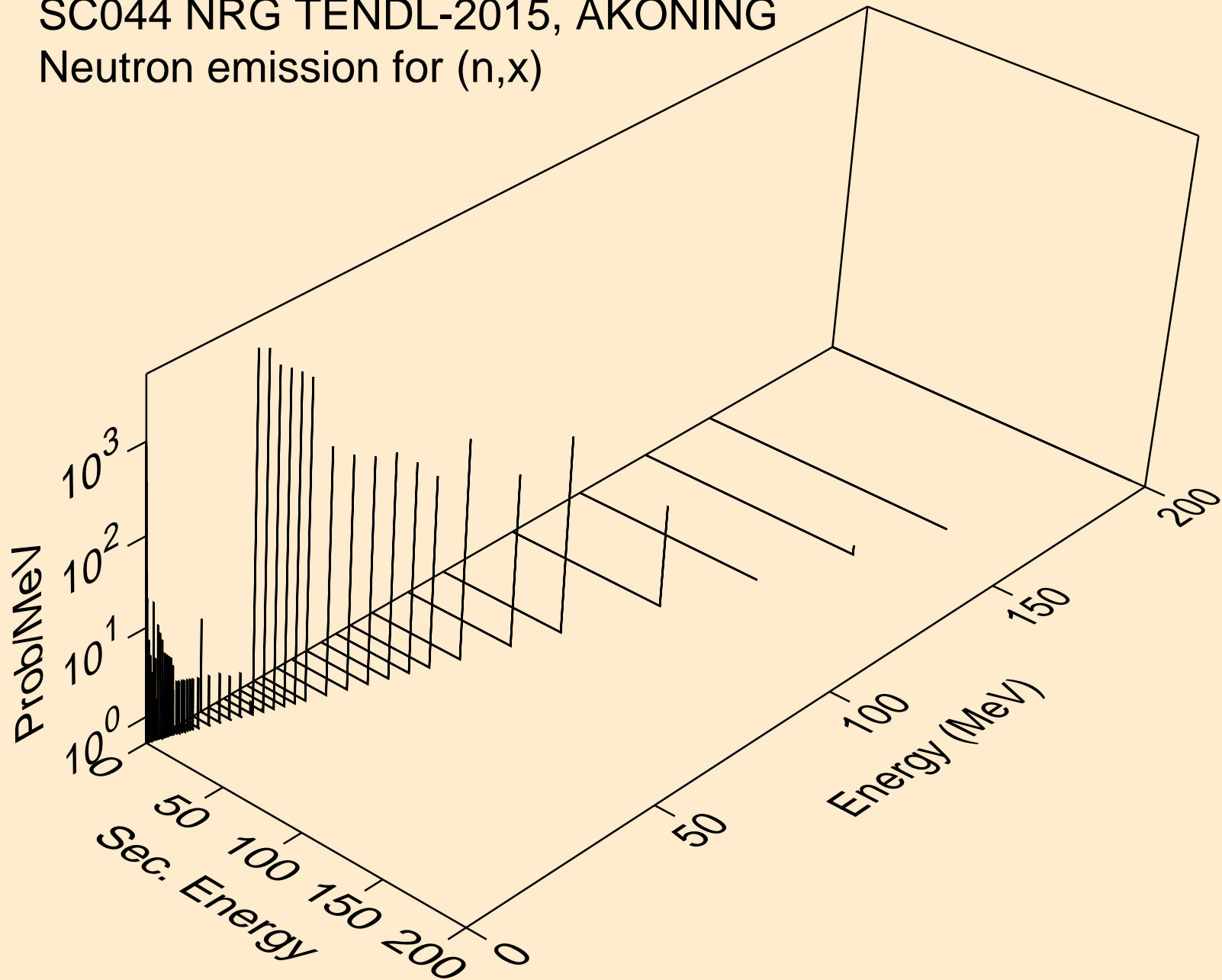


SC044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

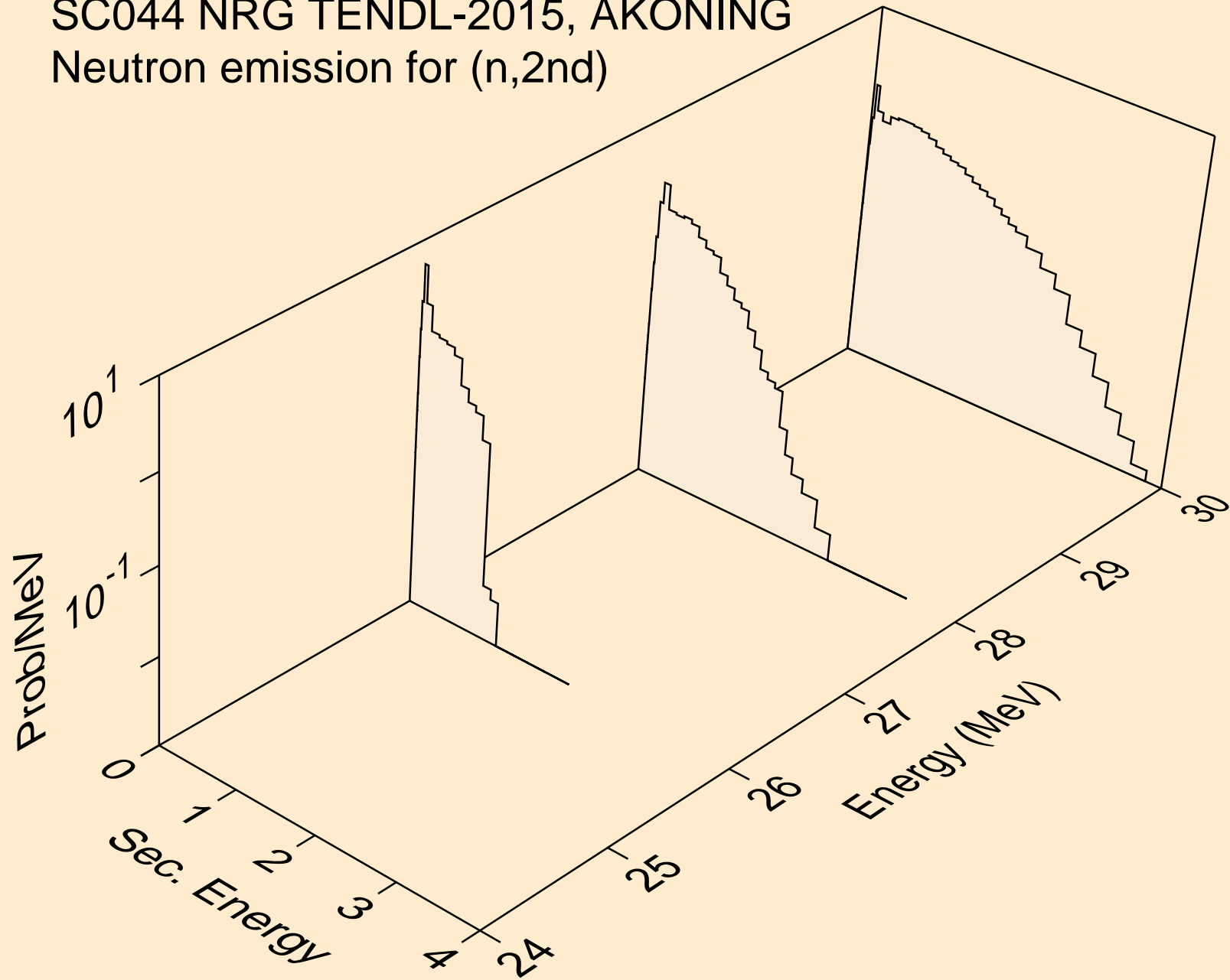




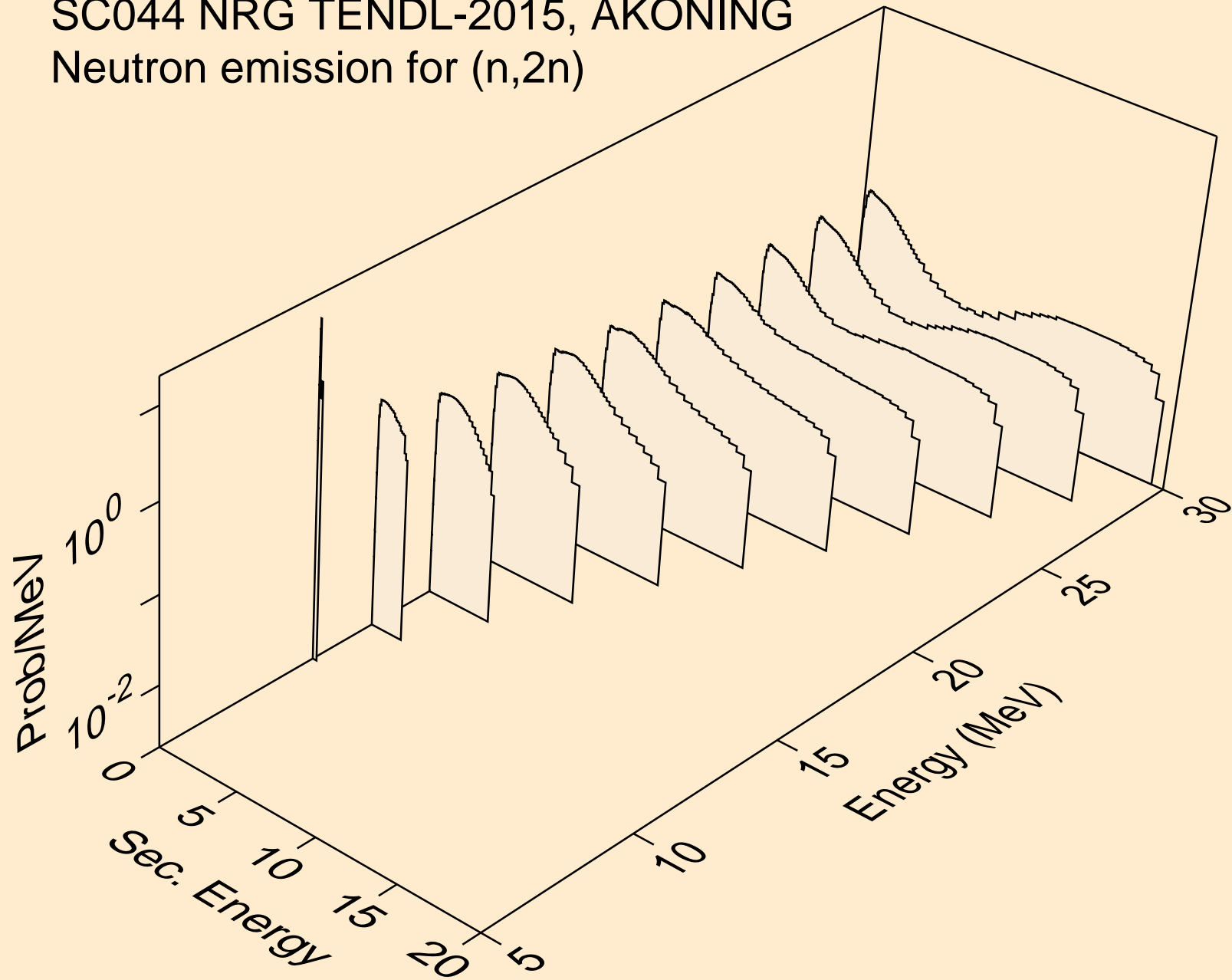
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



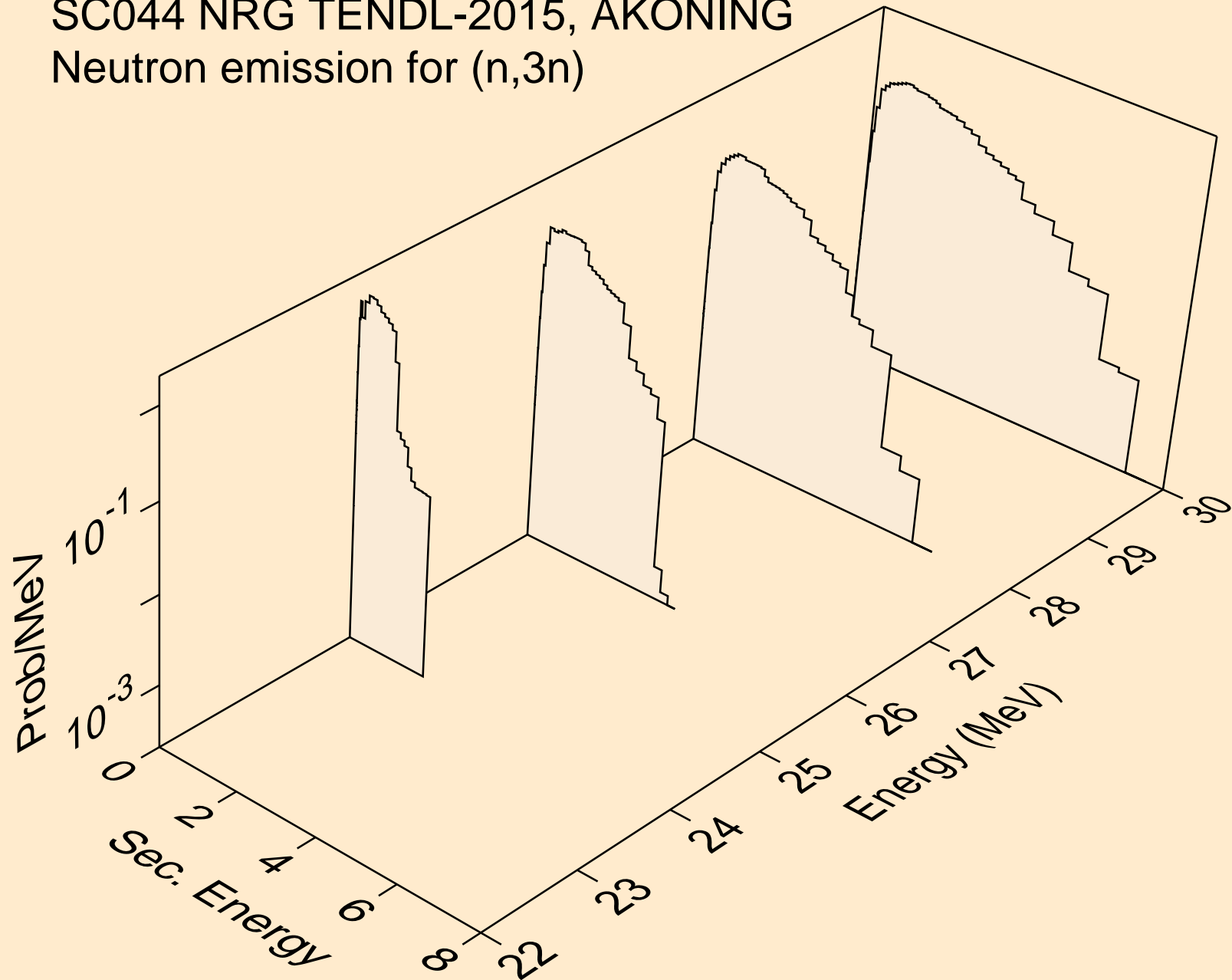
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



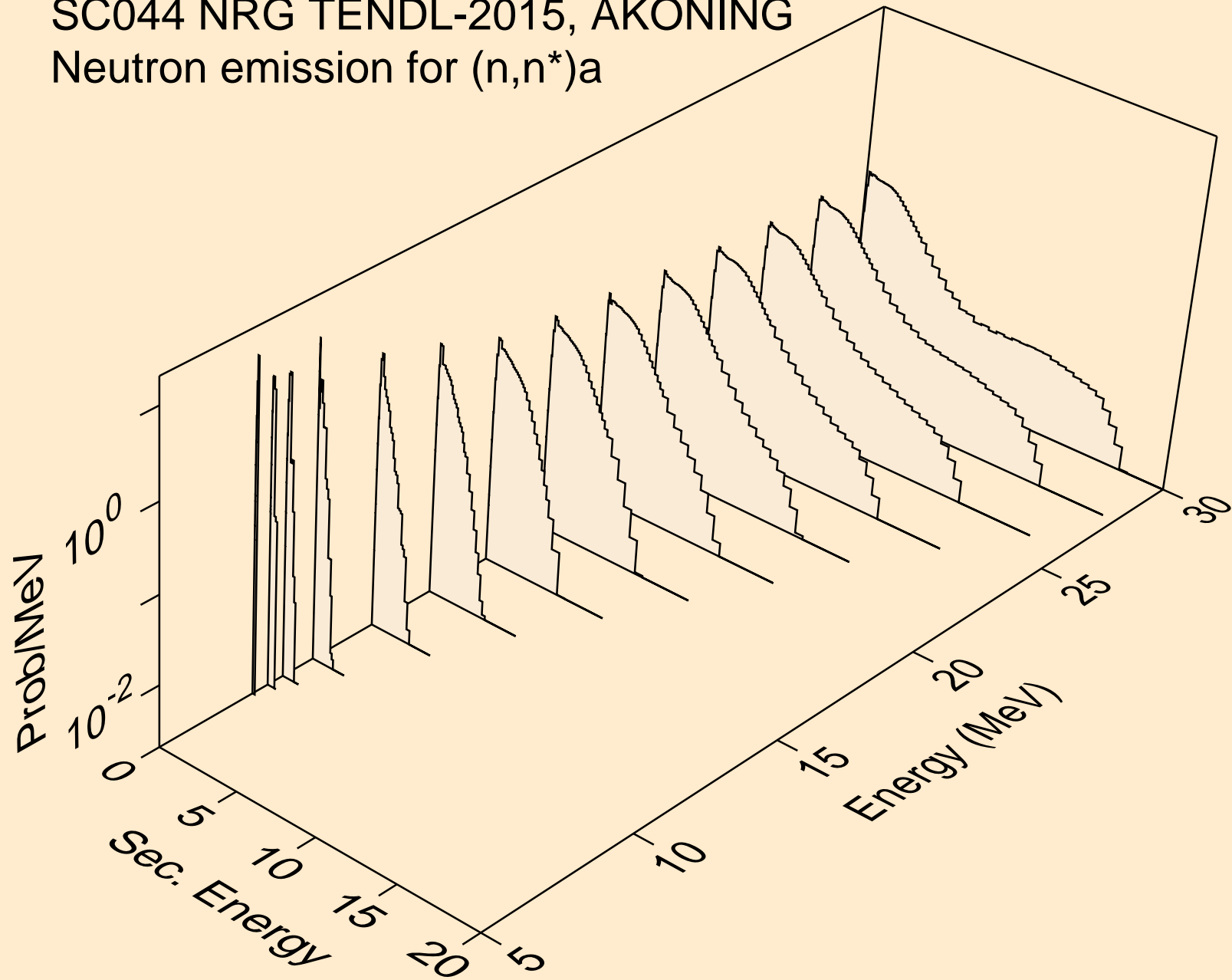
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



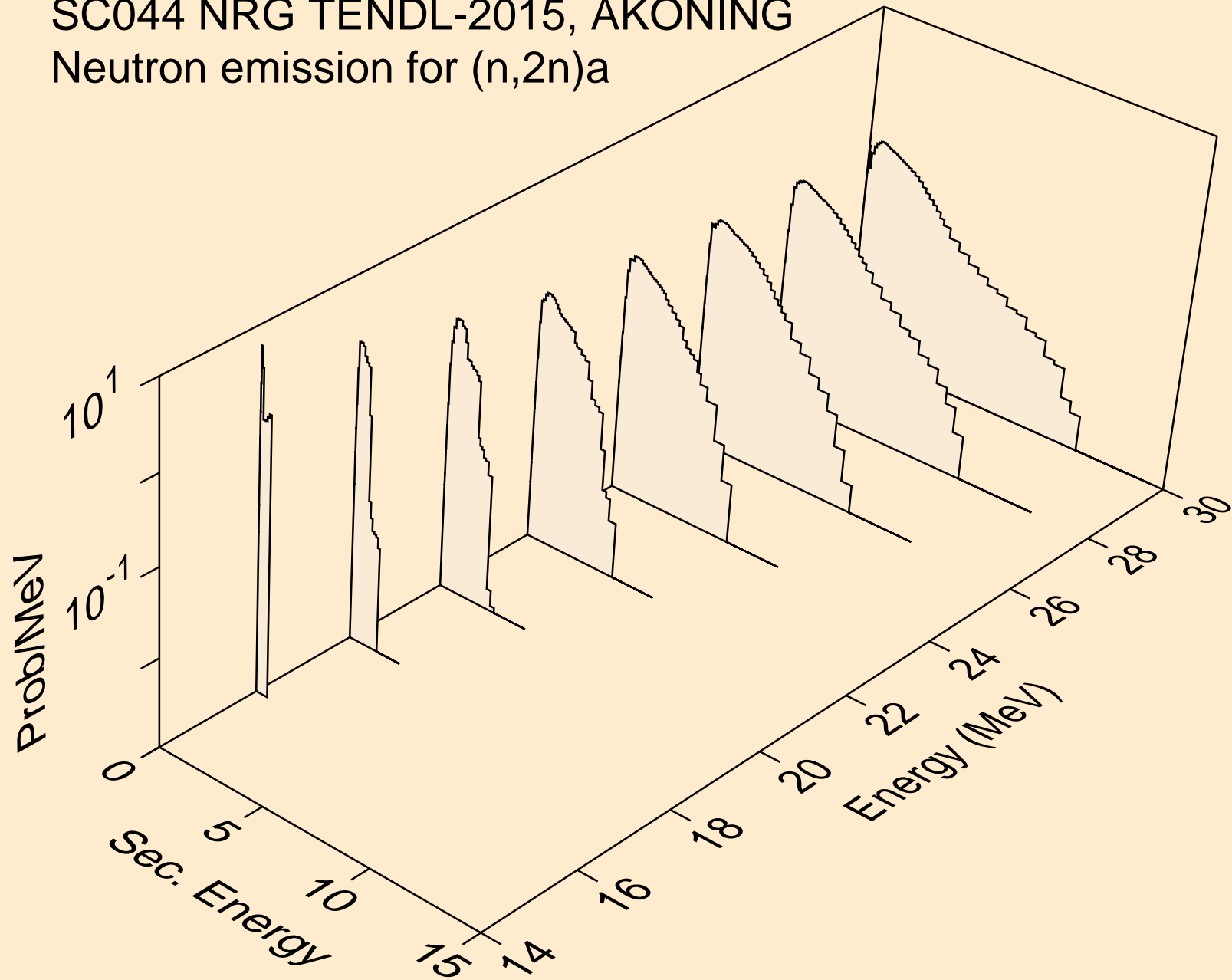
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



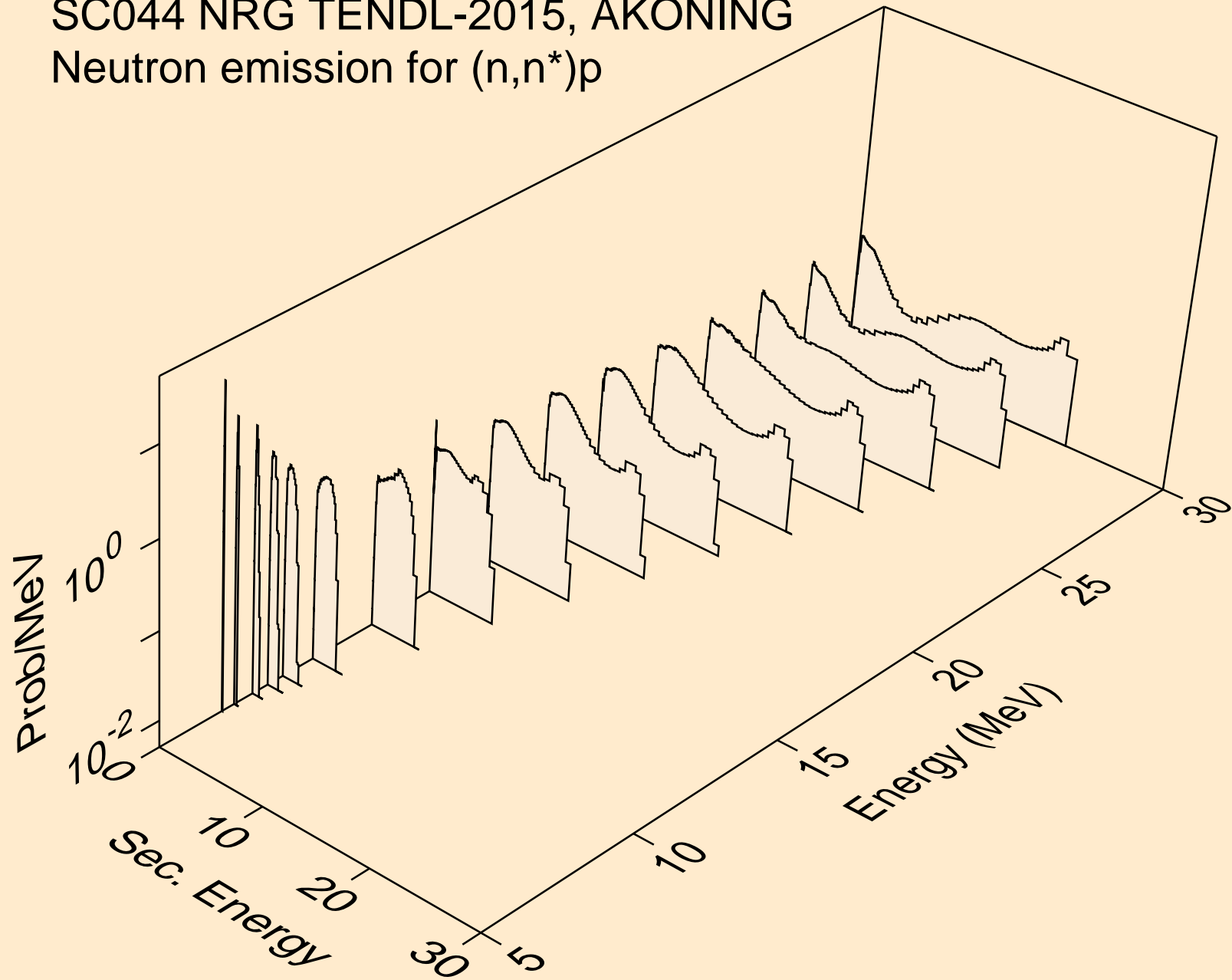
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



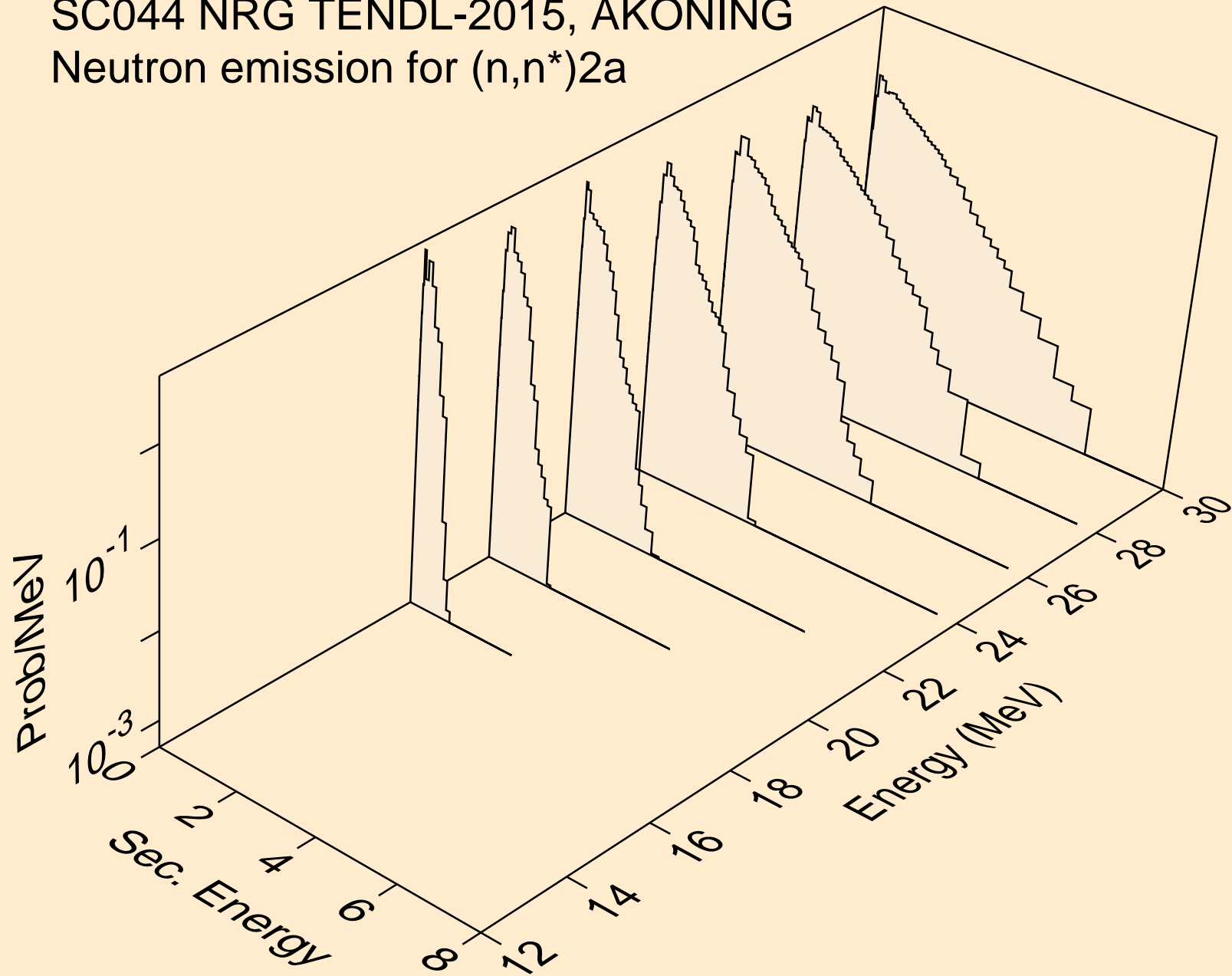
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

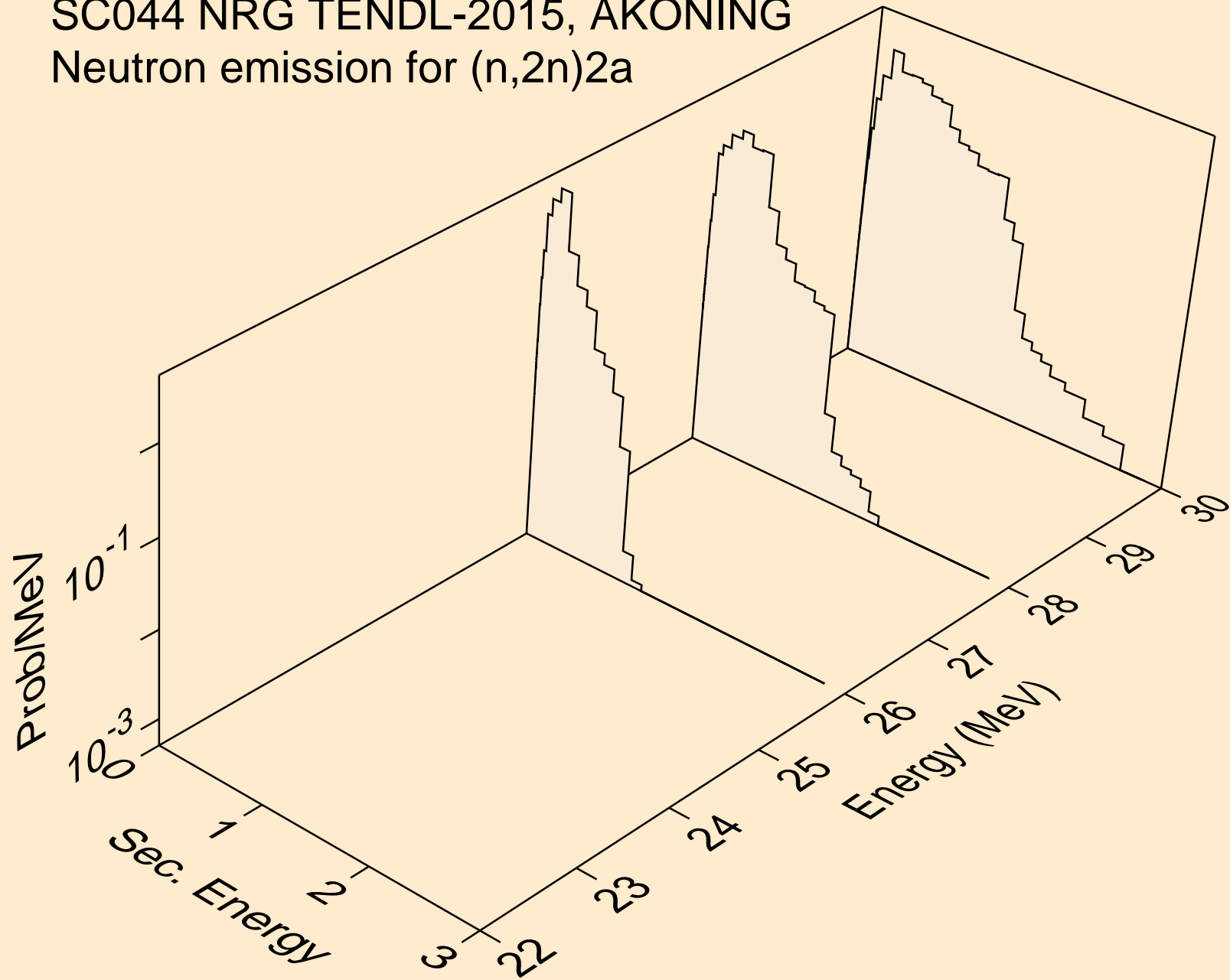


SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

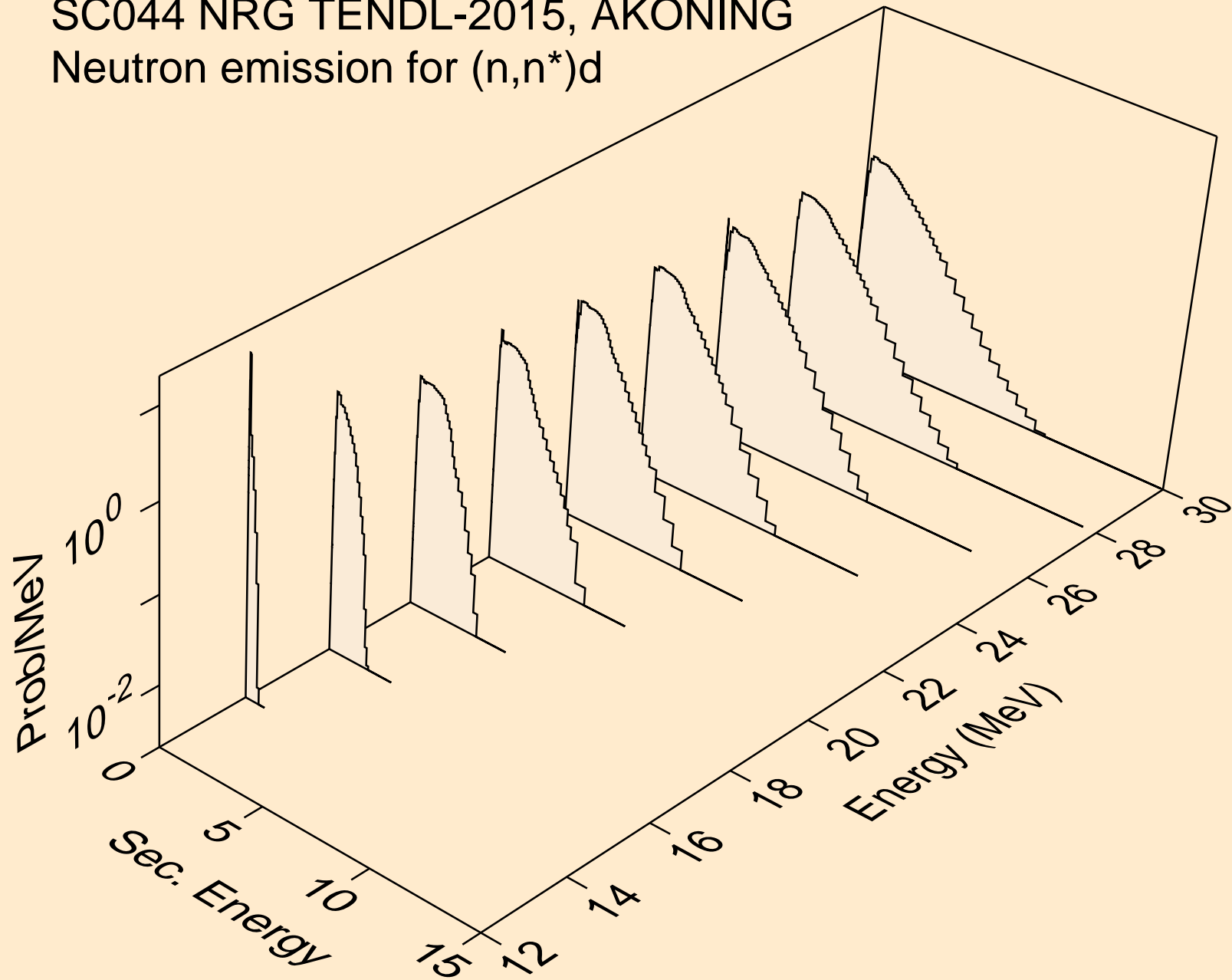




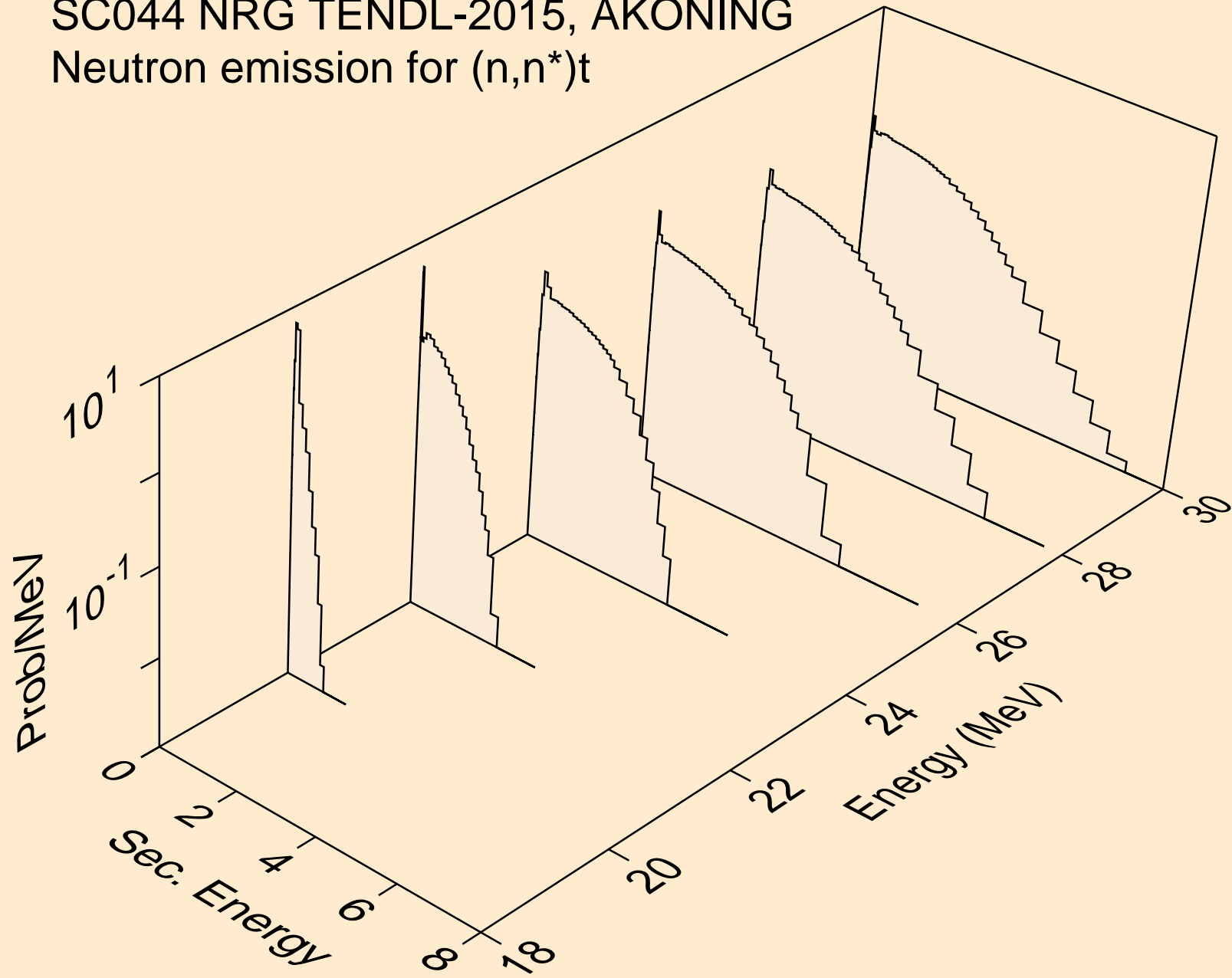
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



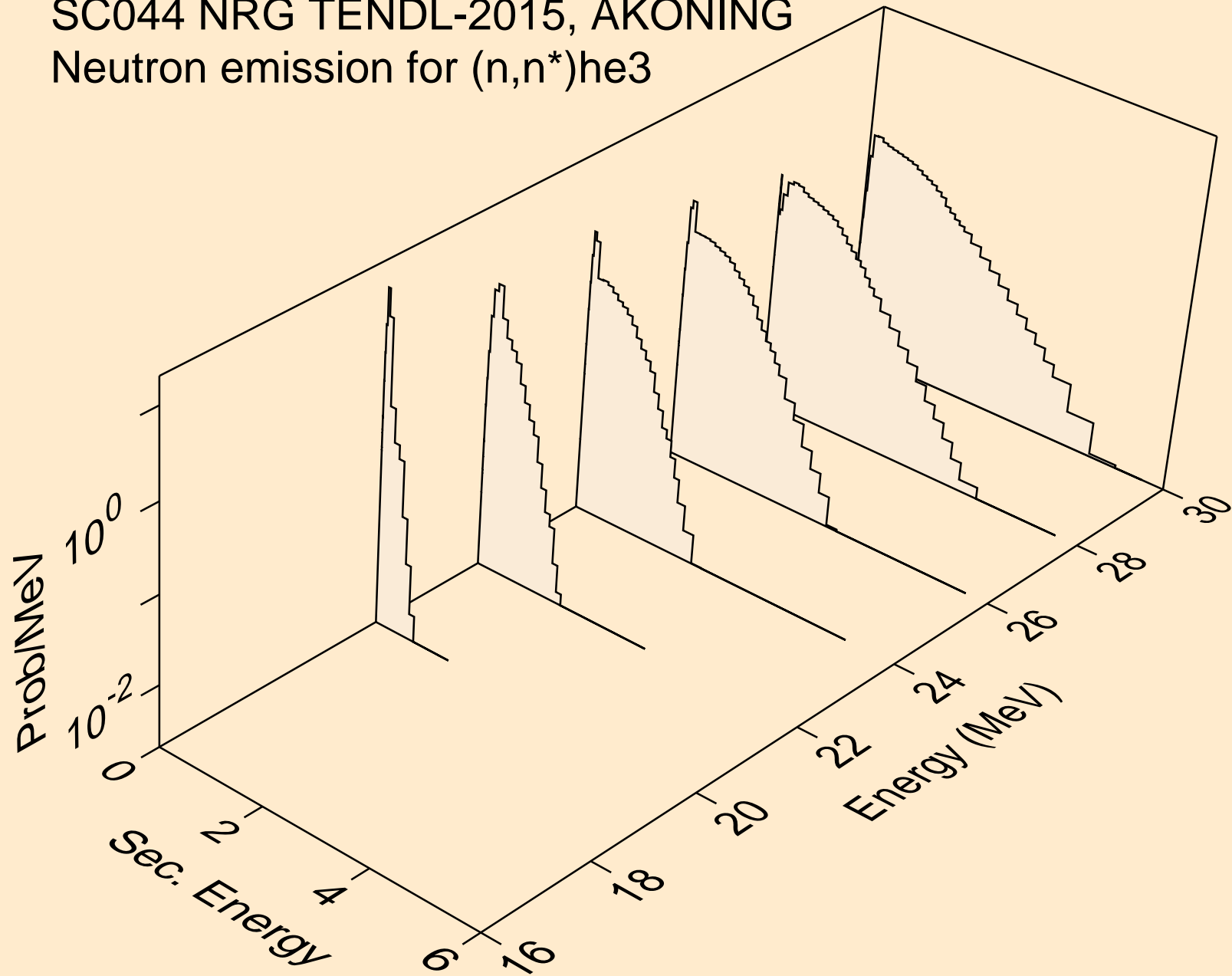
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



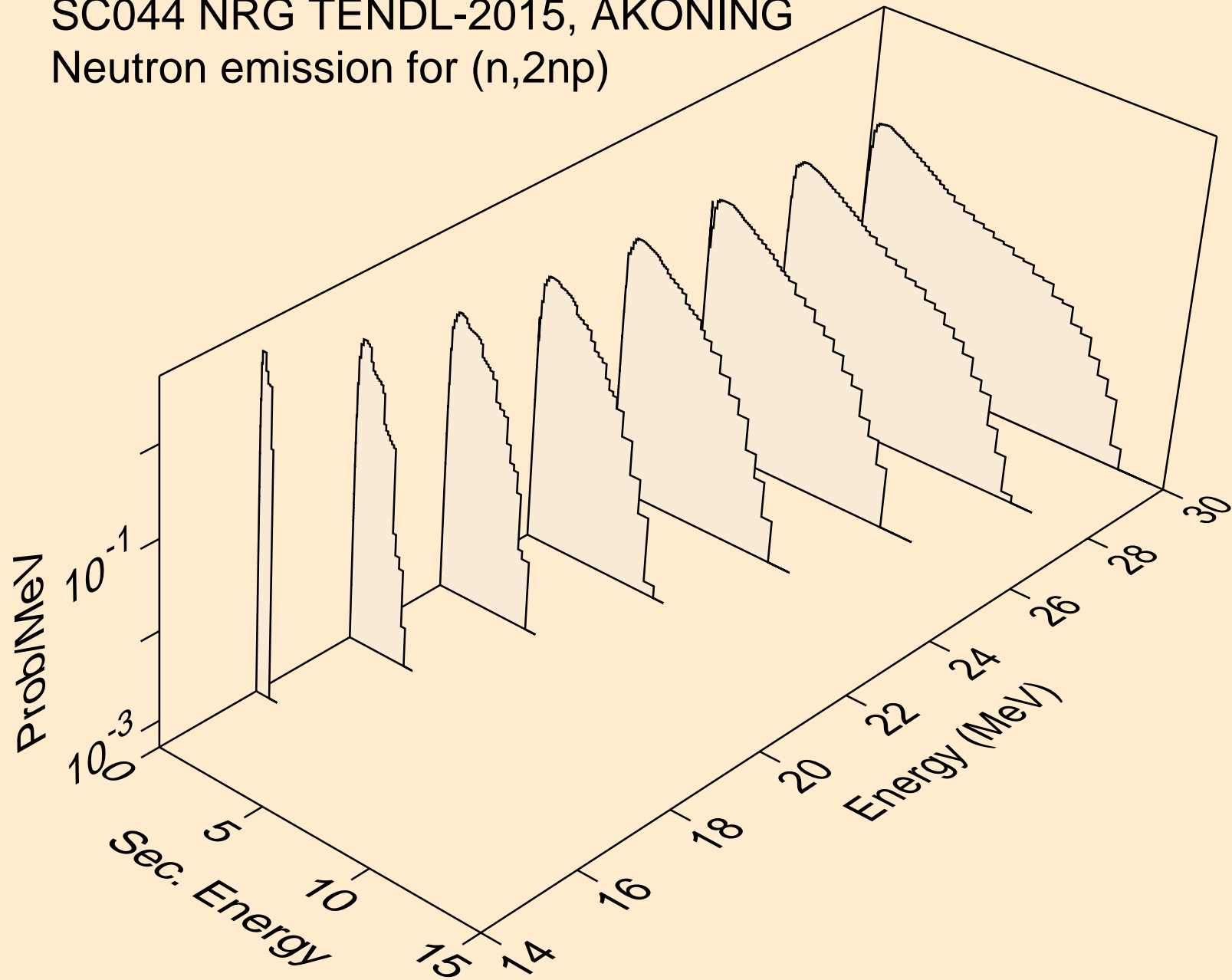
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



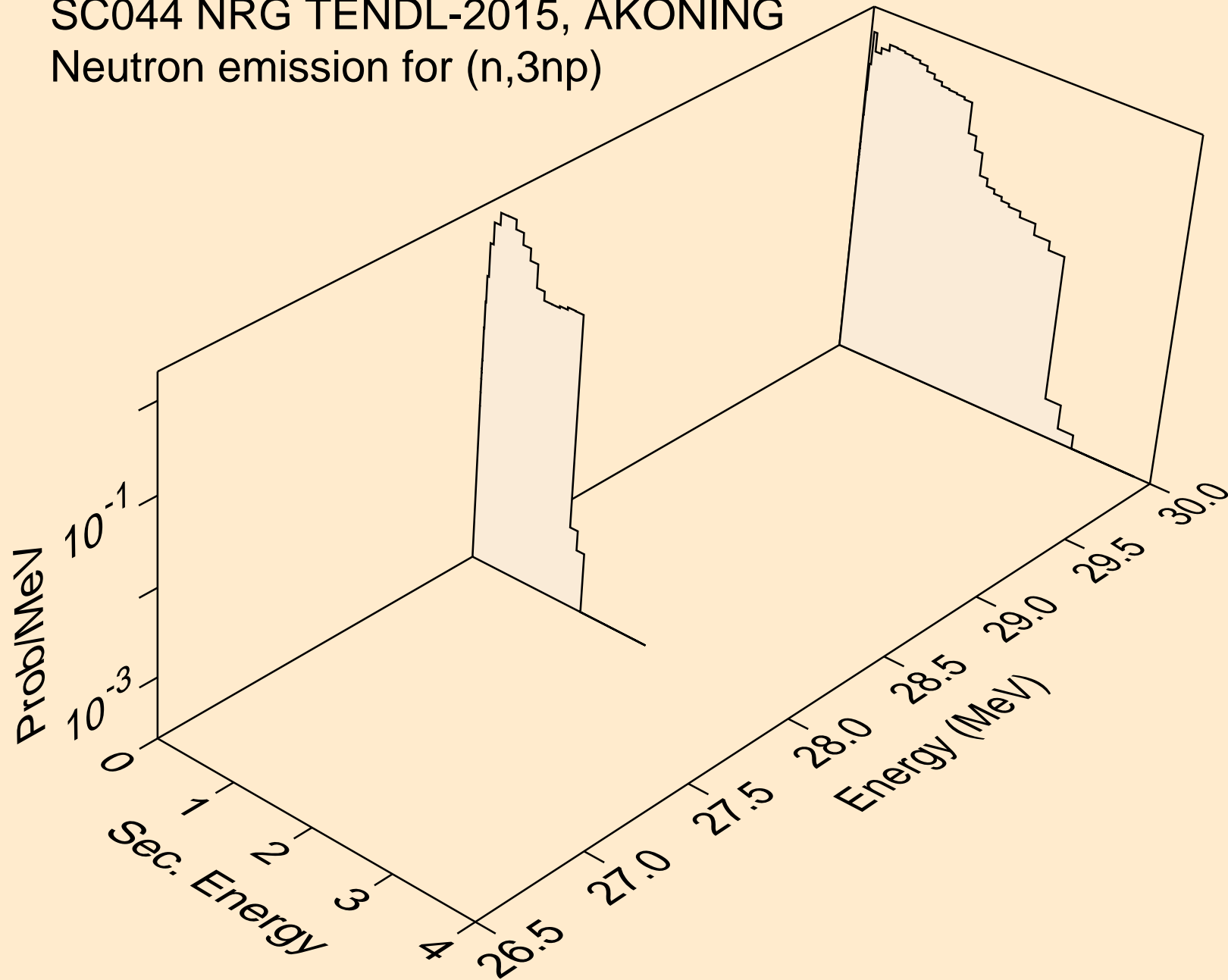
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



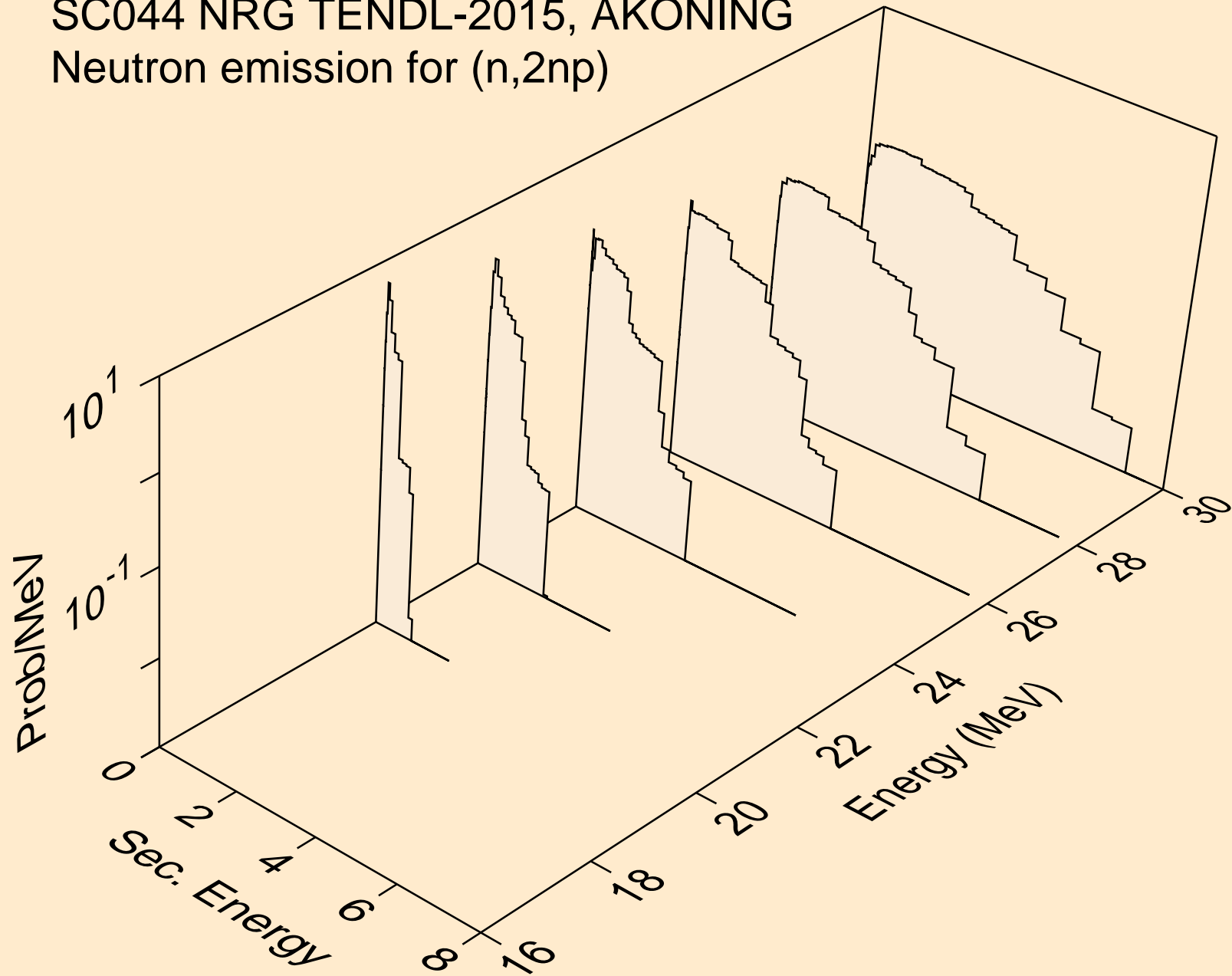
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



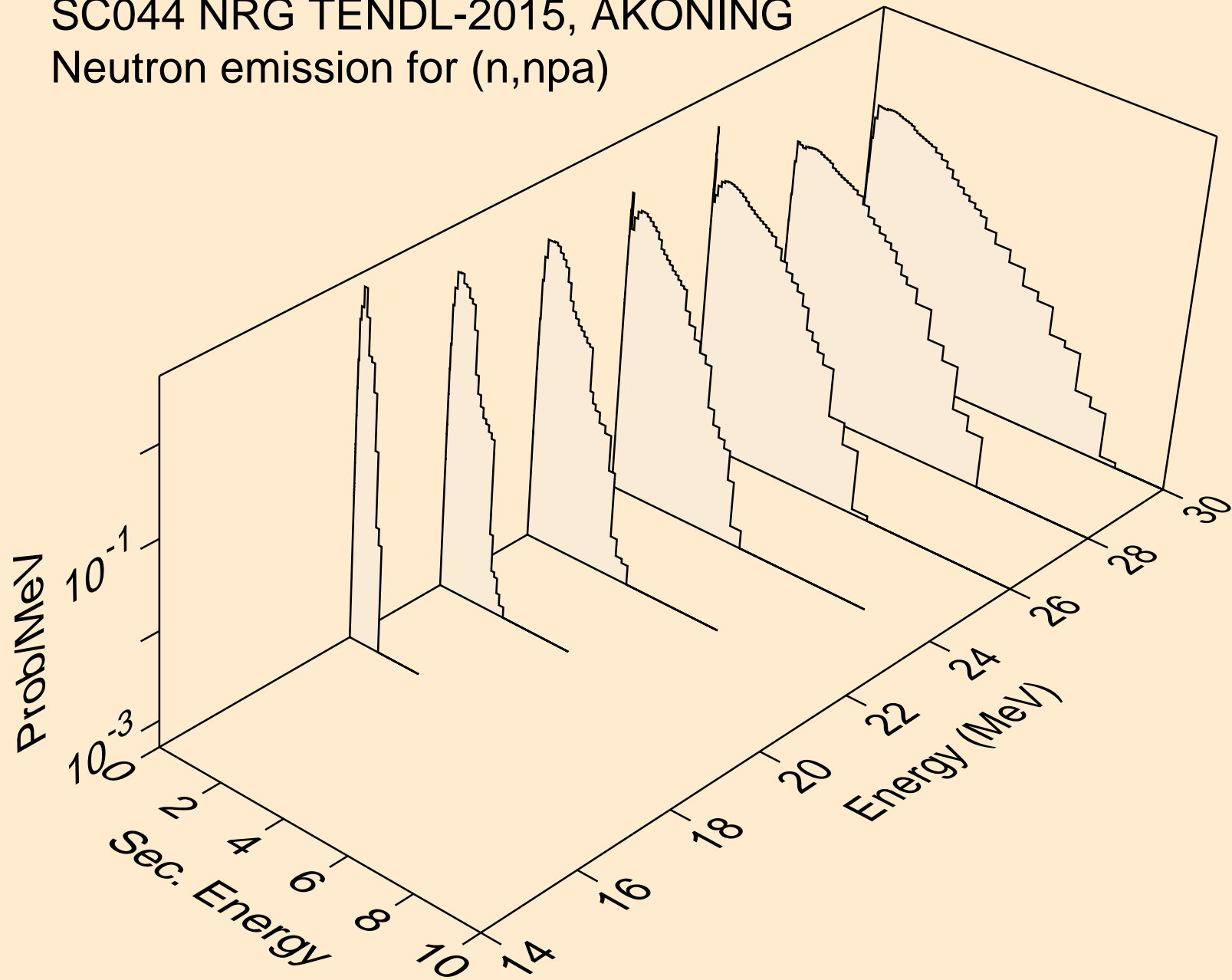
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

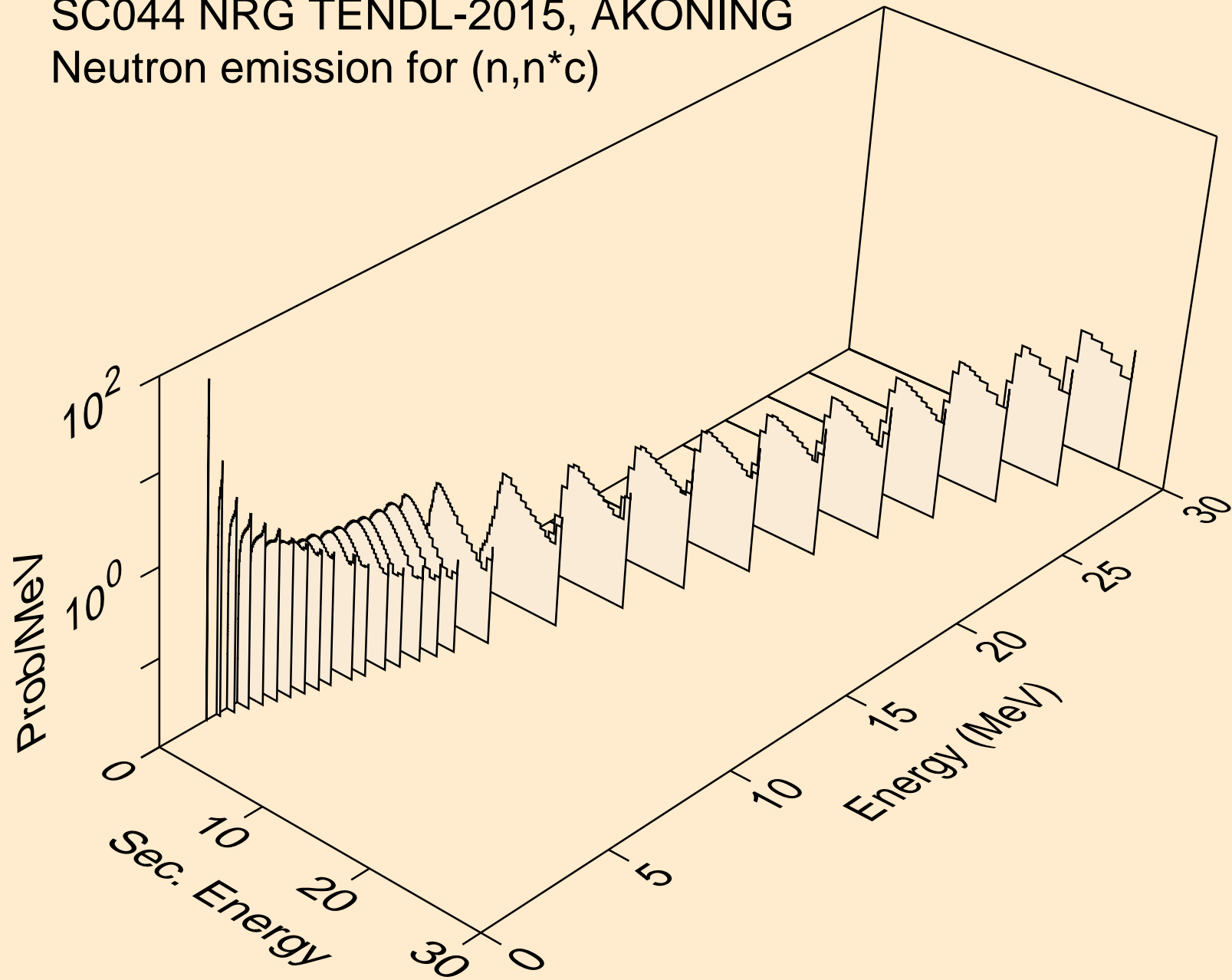


SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

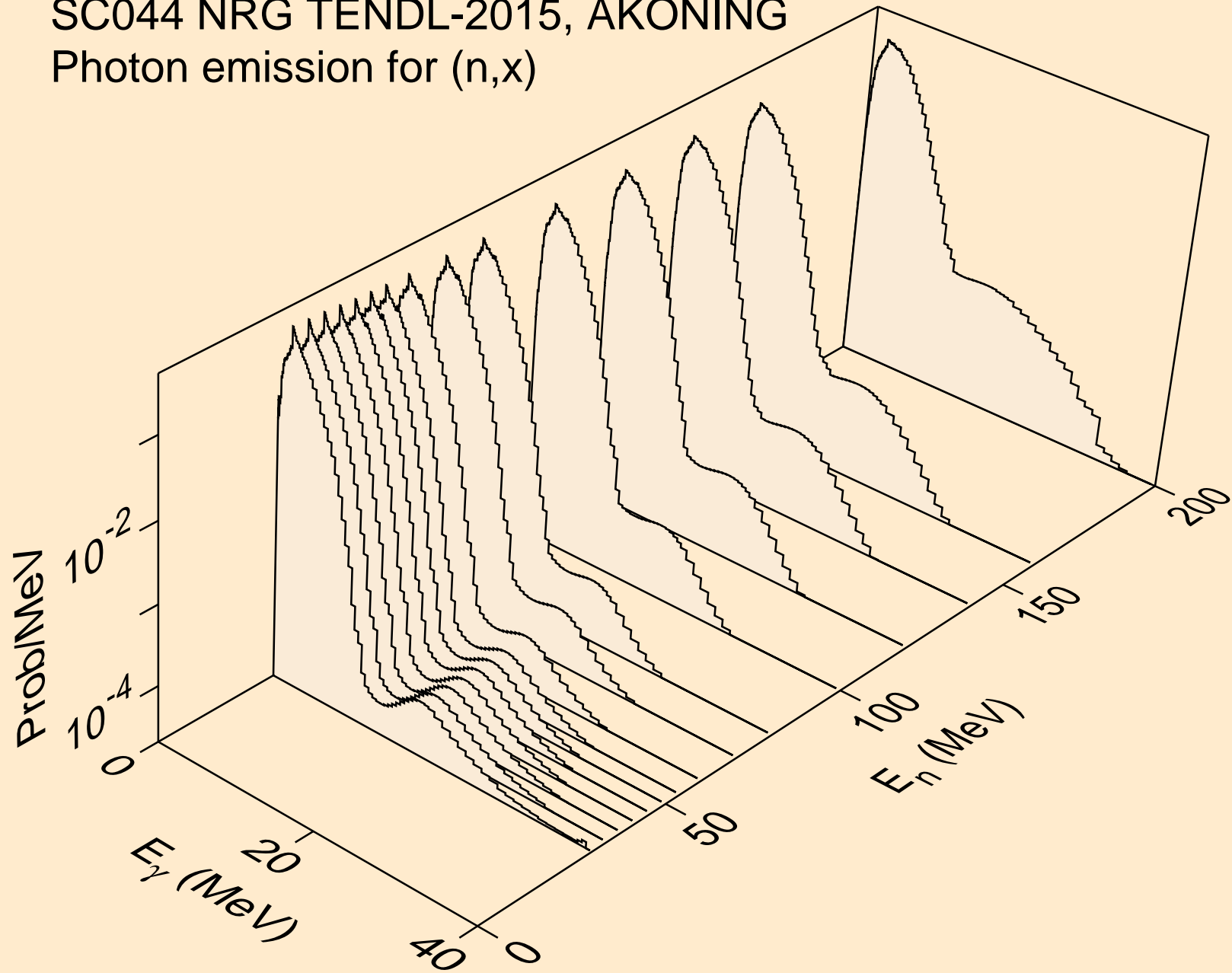




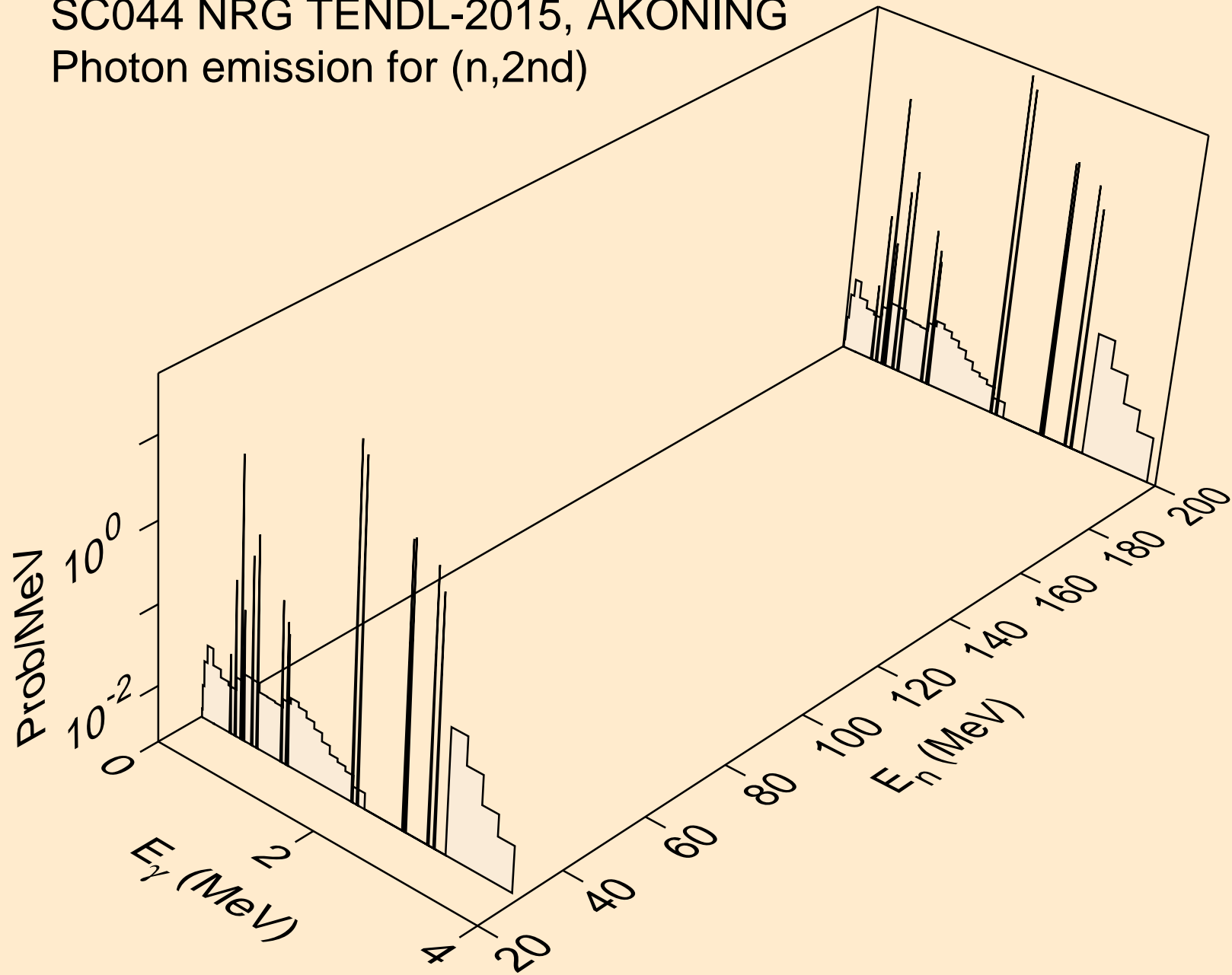
SC044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



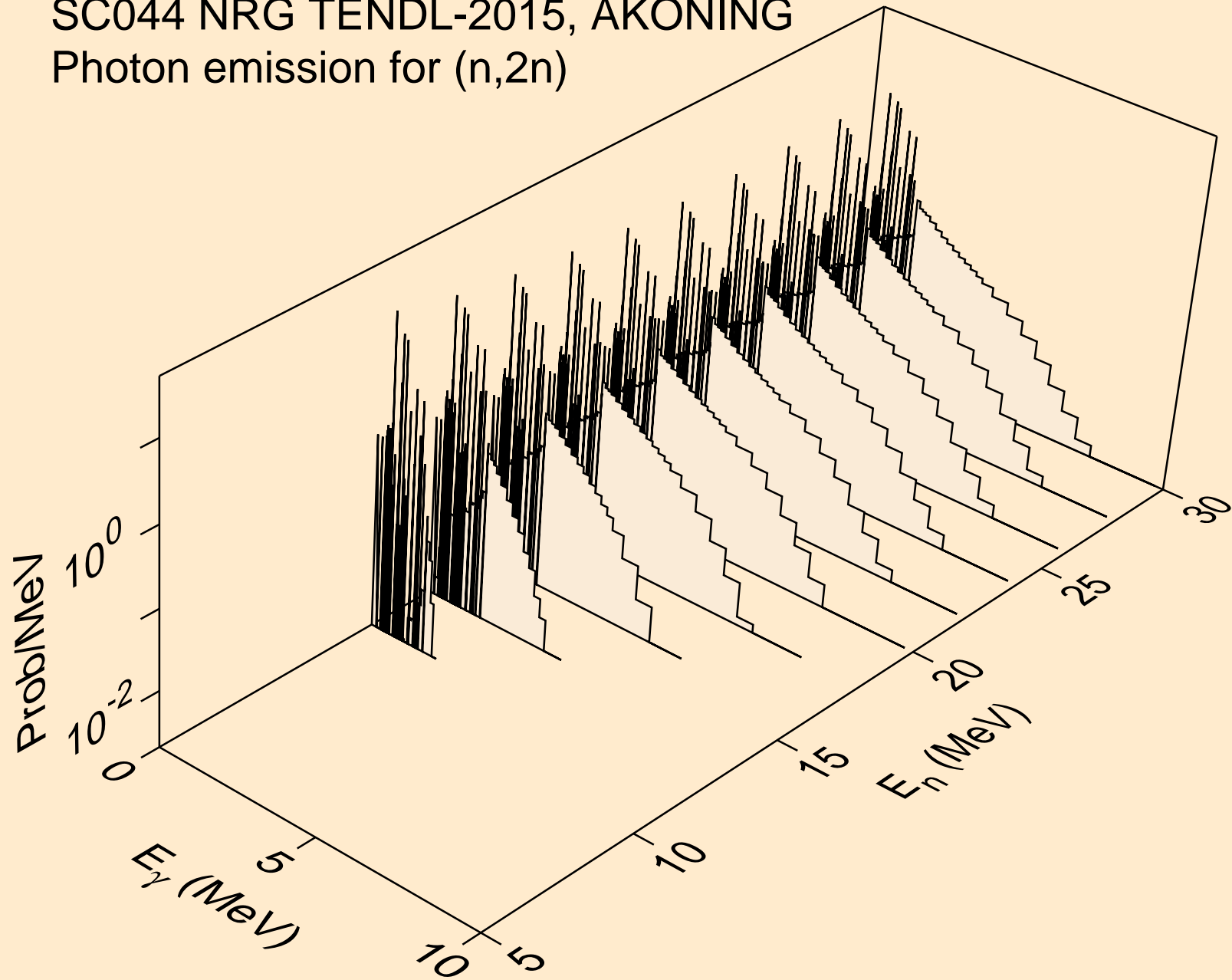
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



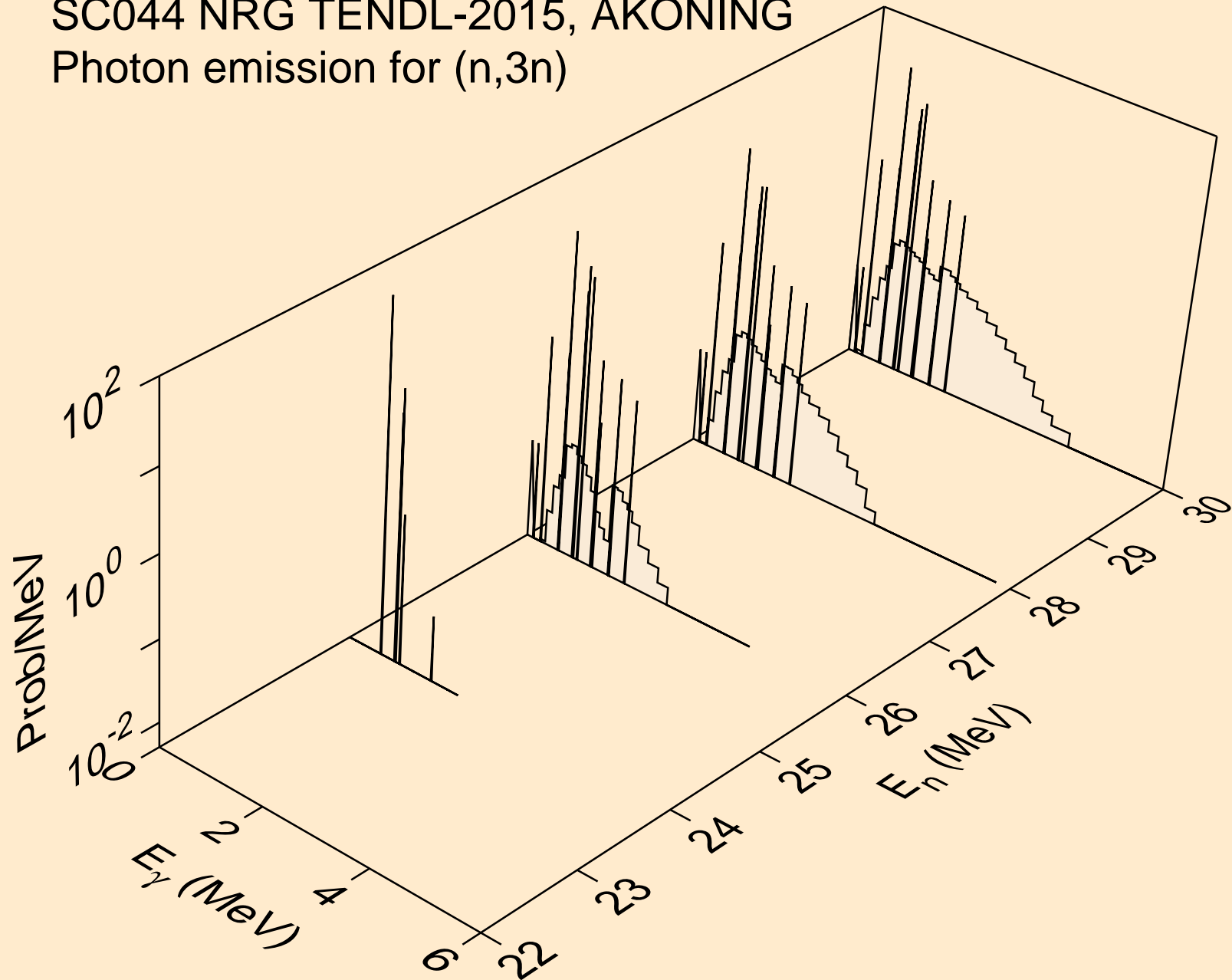
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



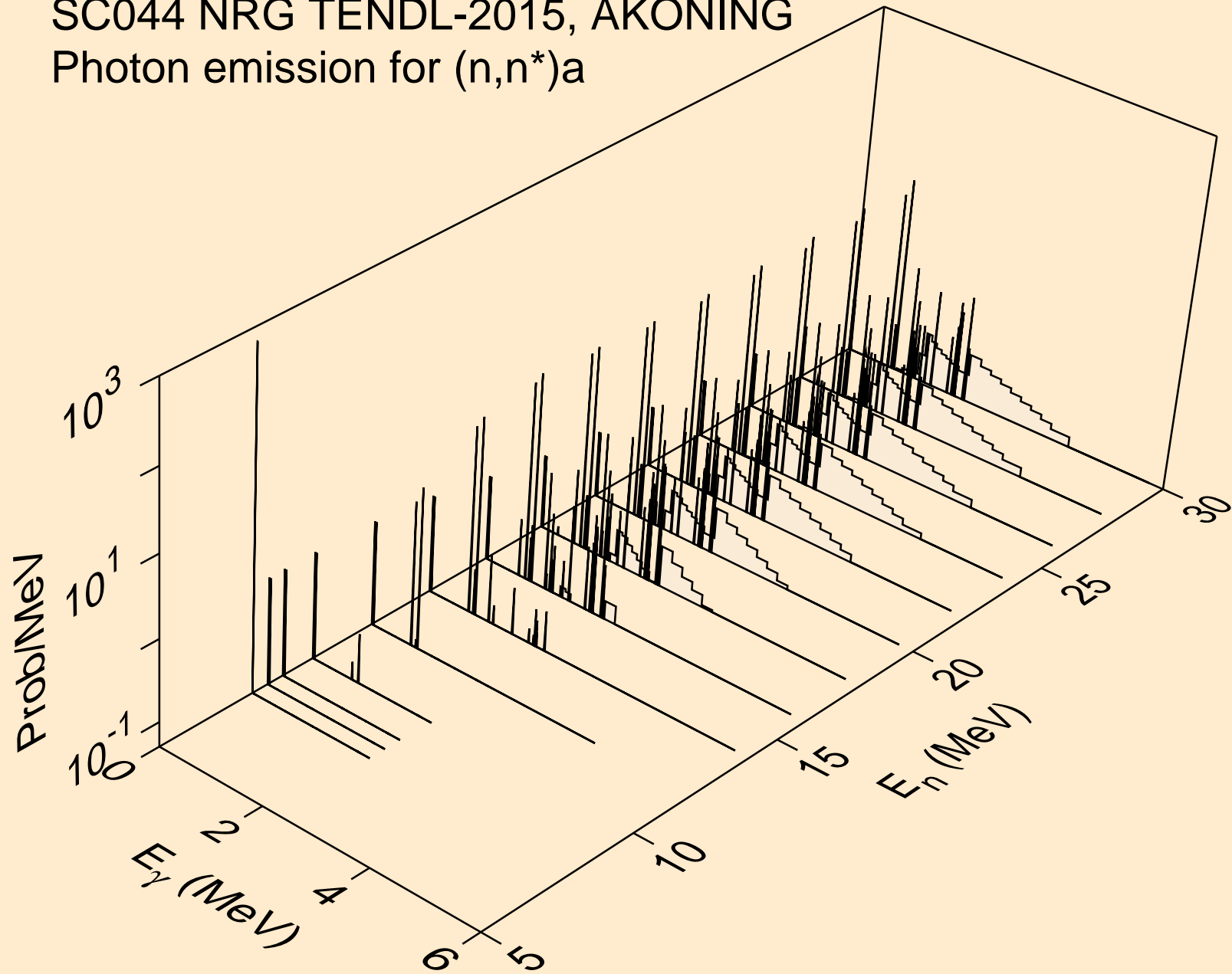
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



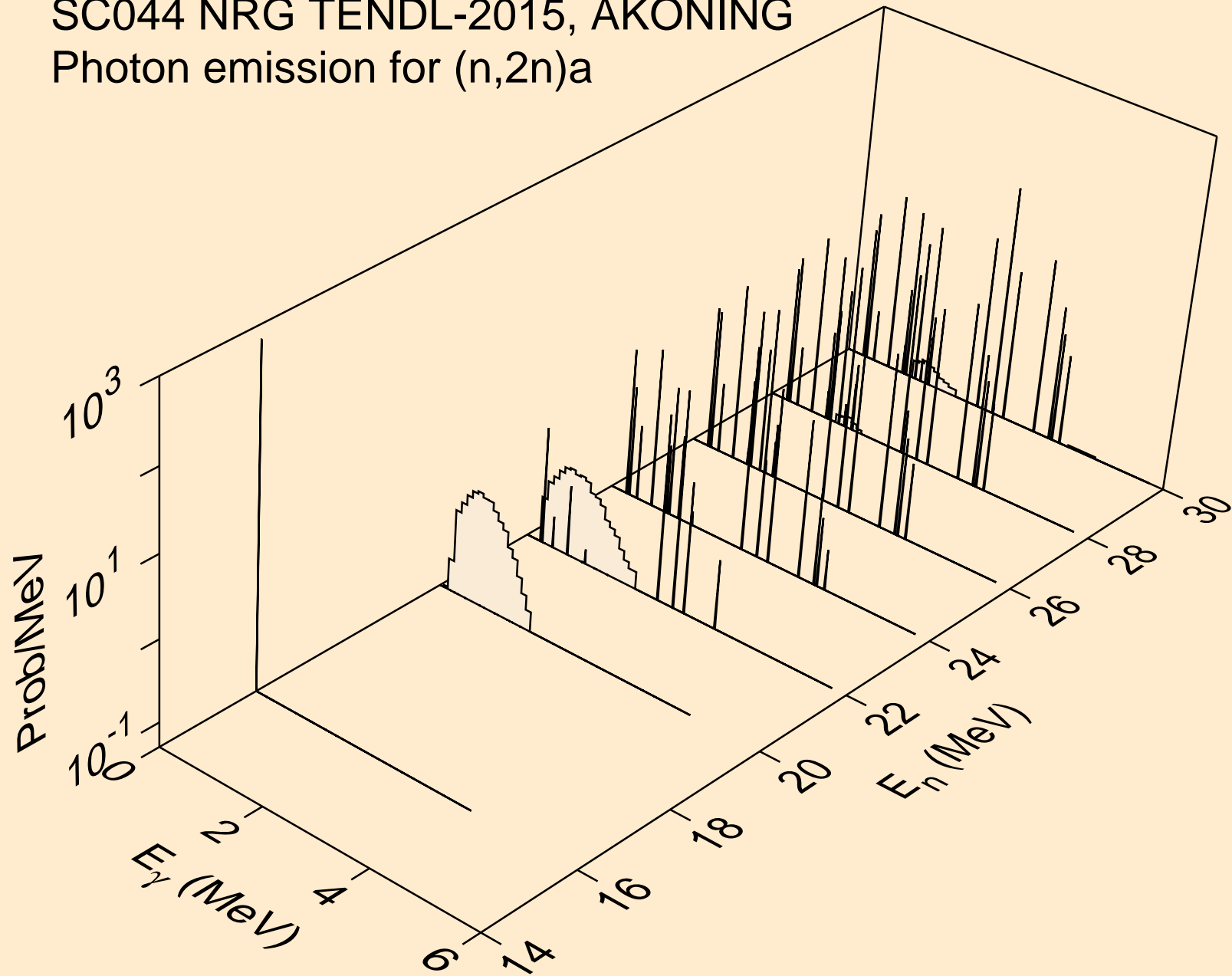
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



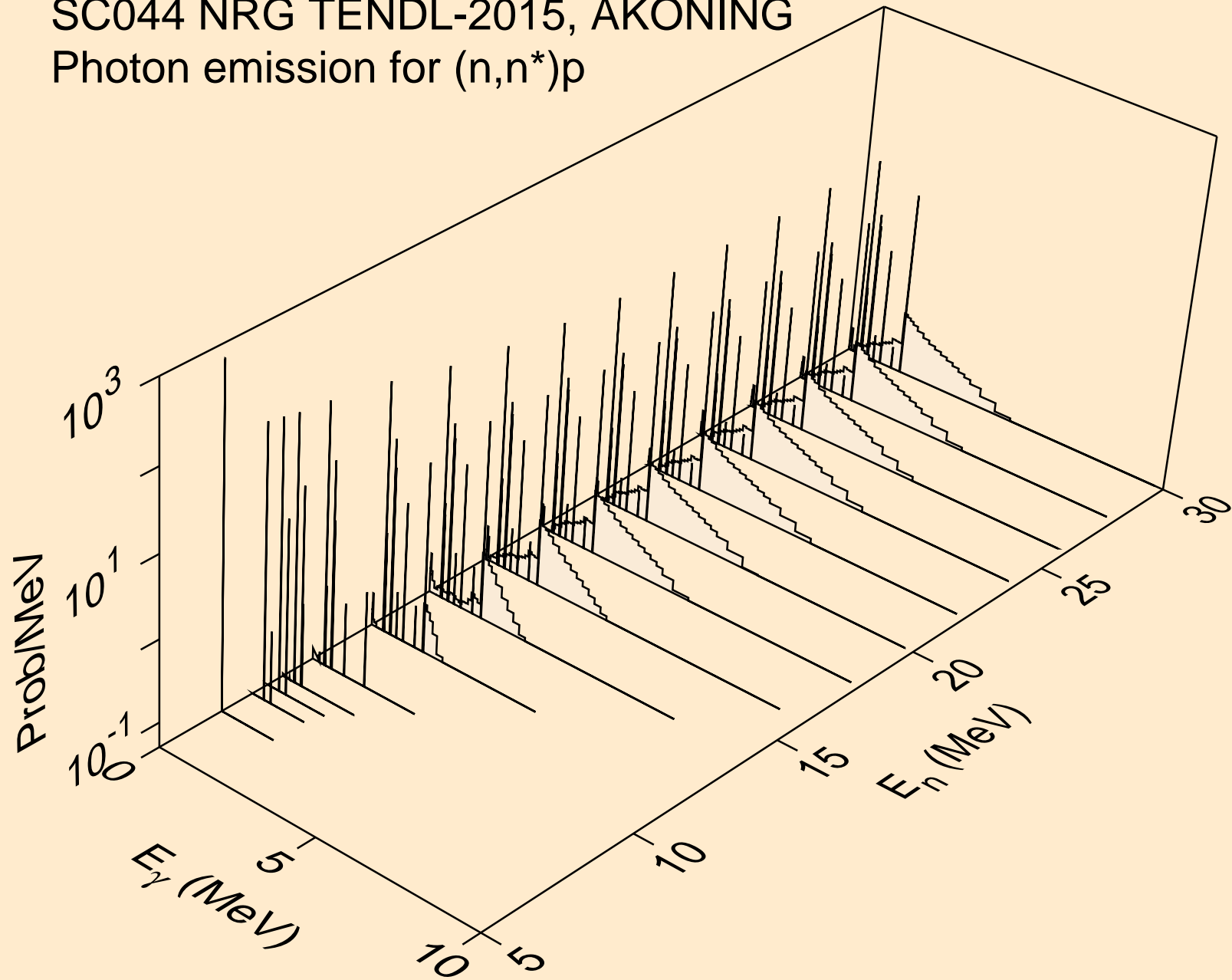
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

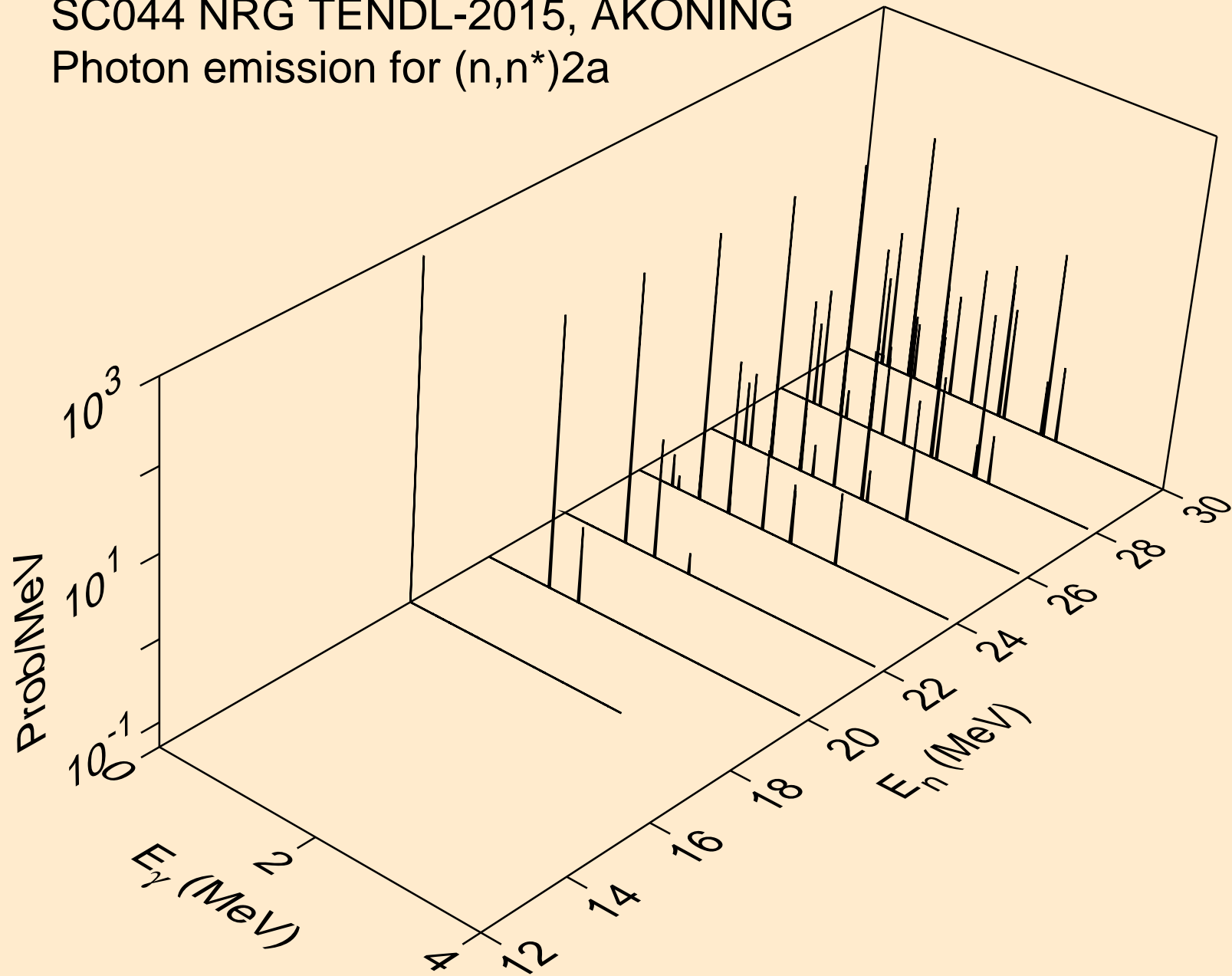


SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

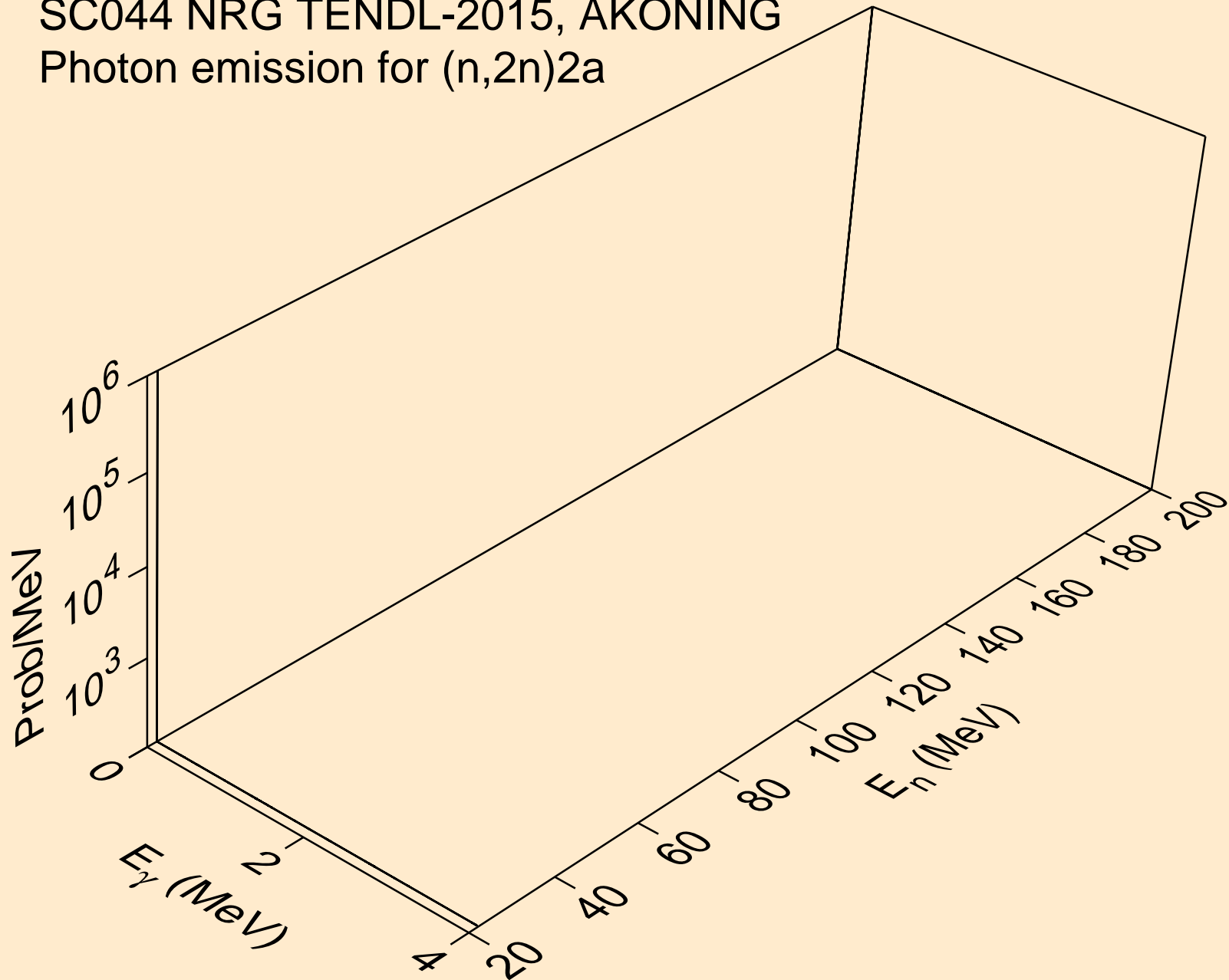




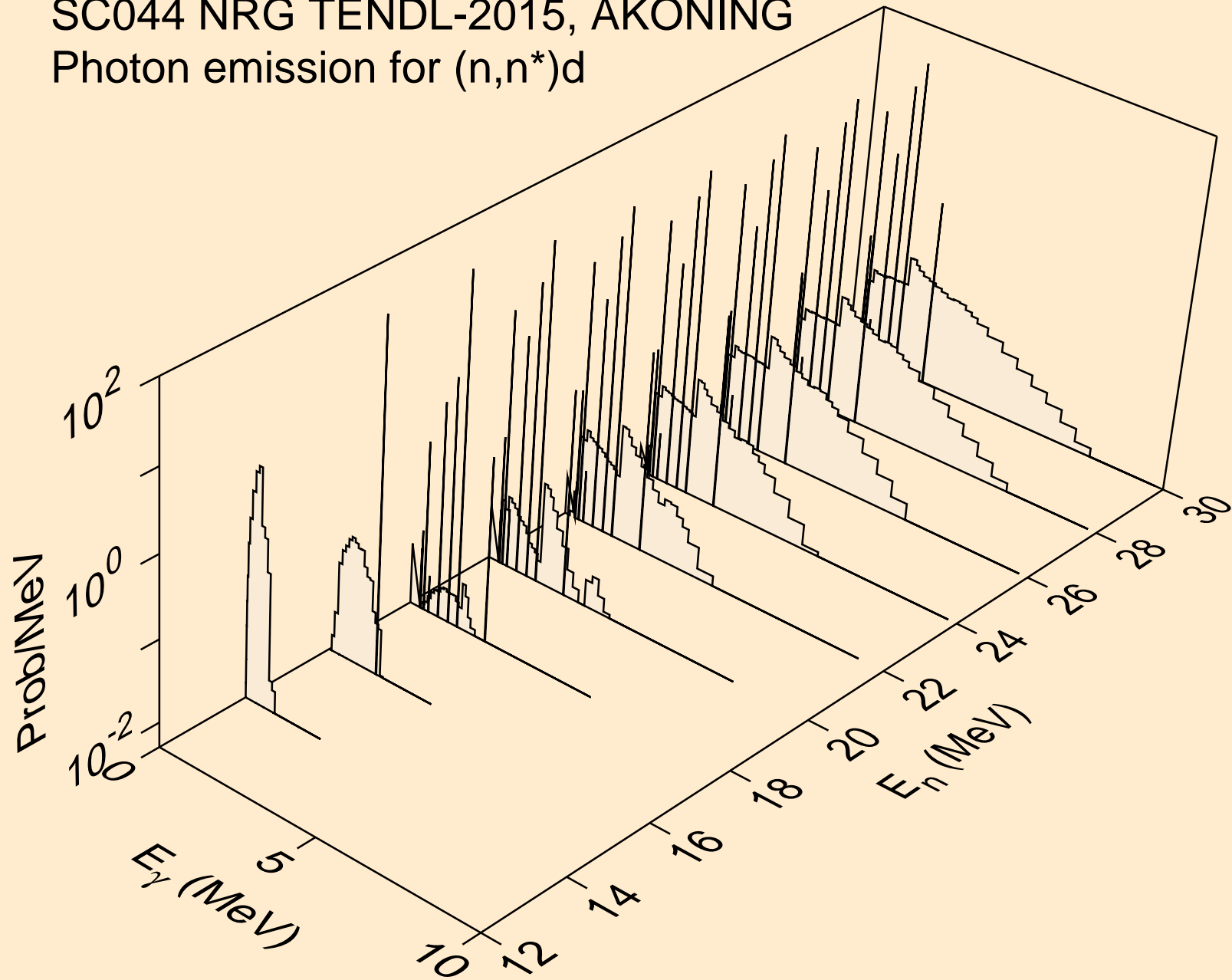
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



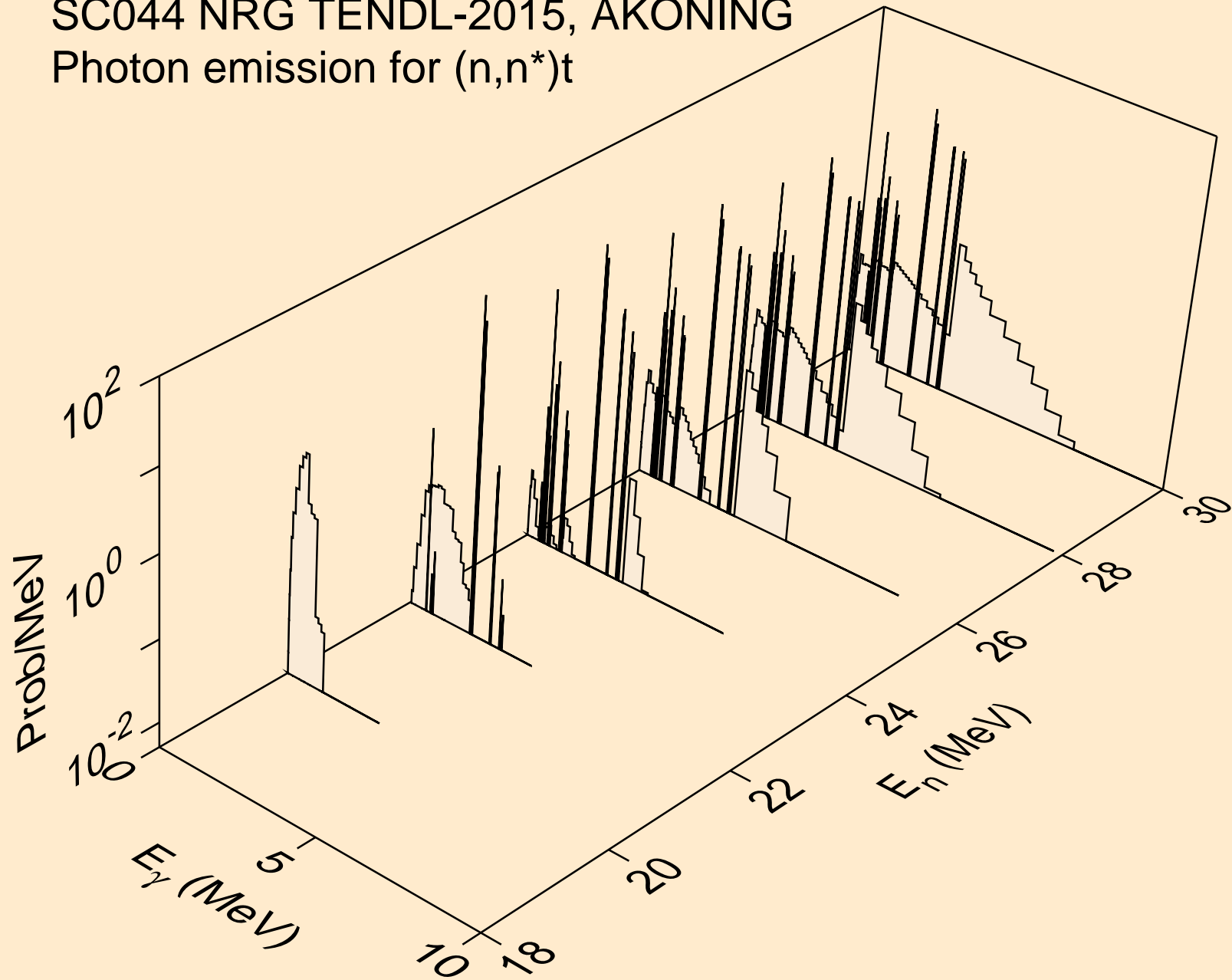
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



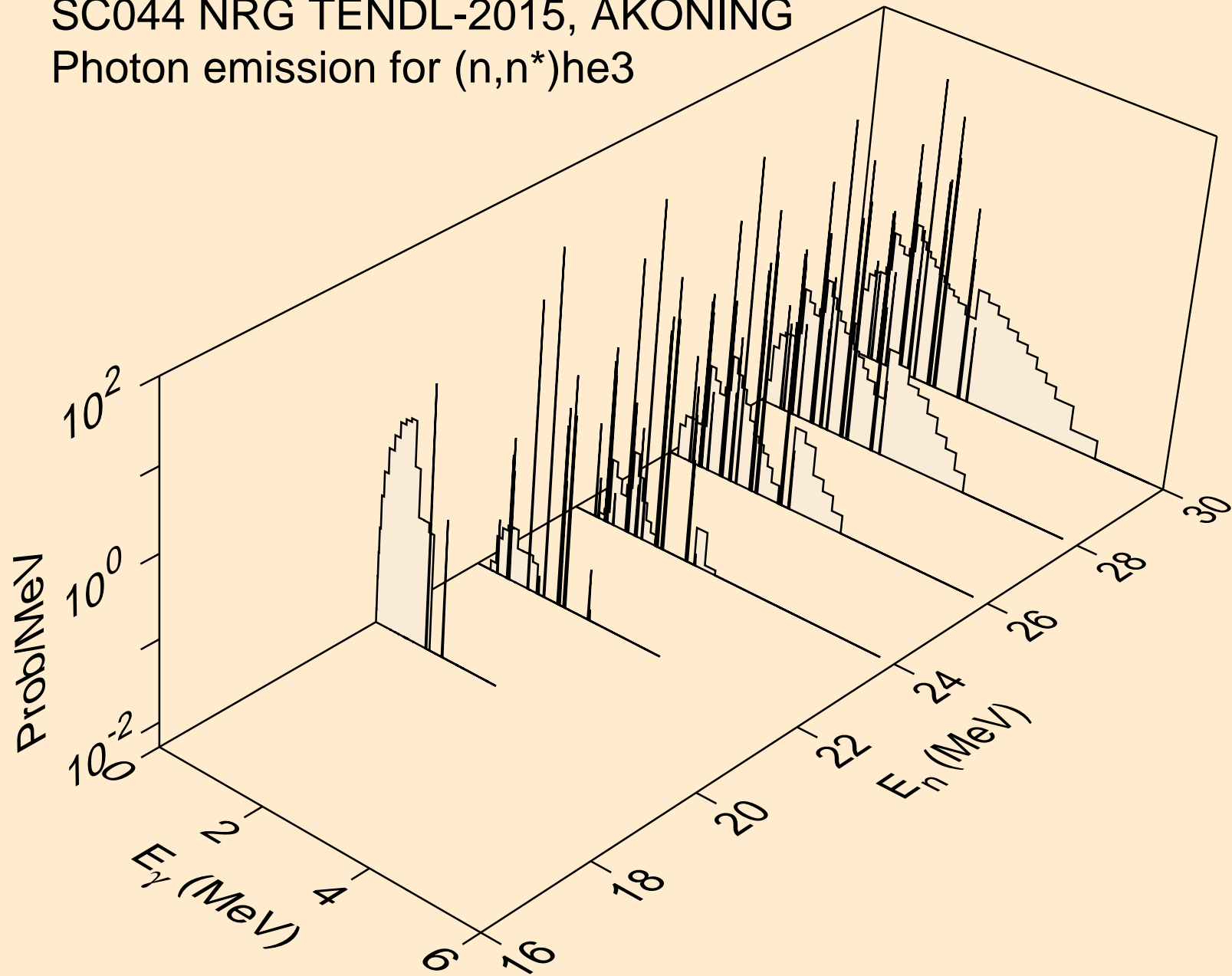
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



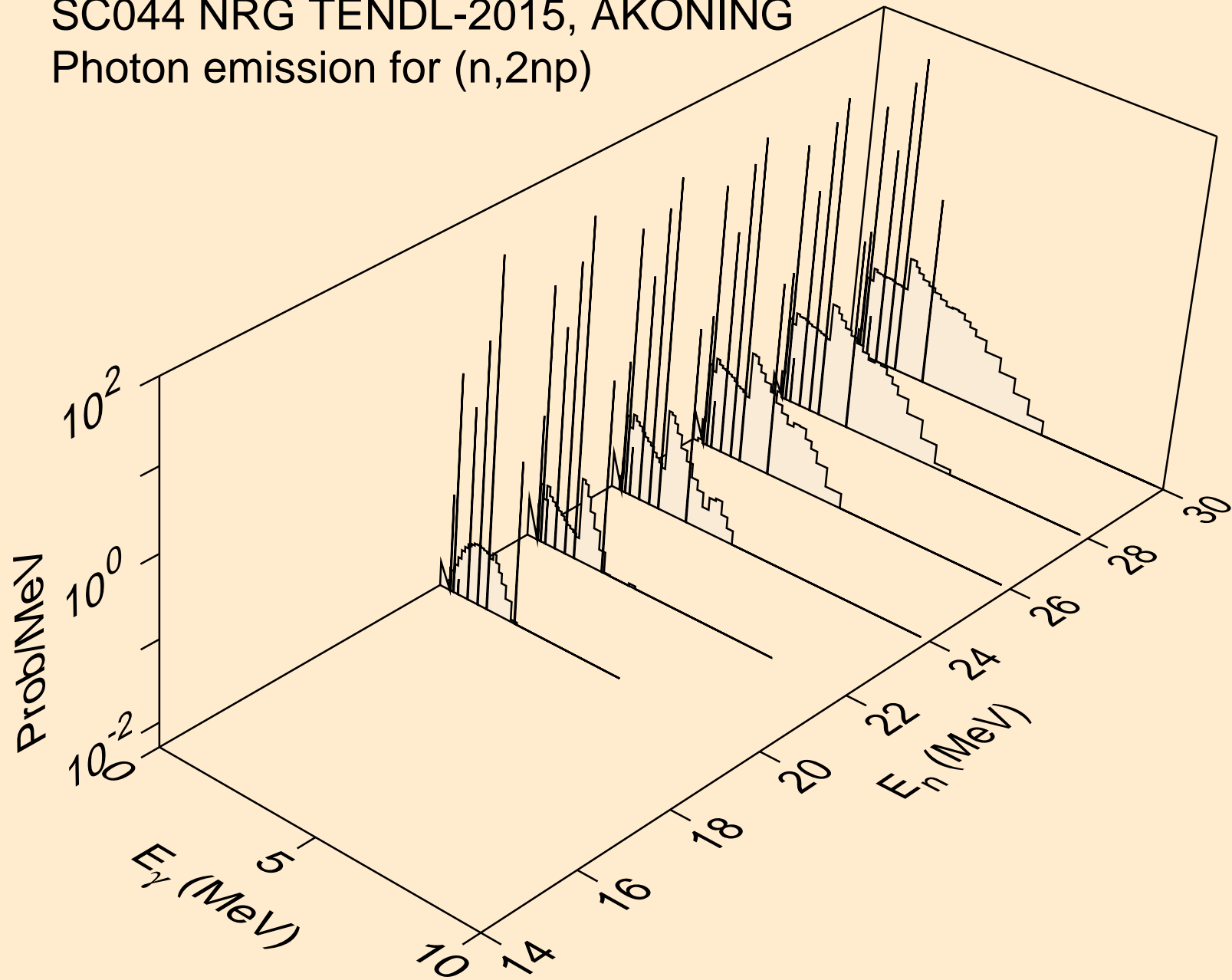
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



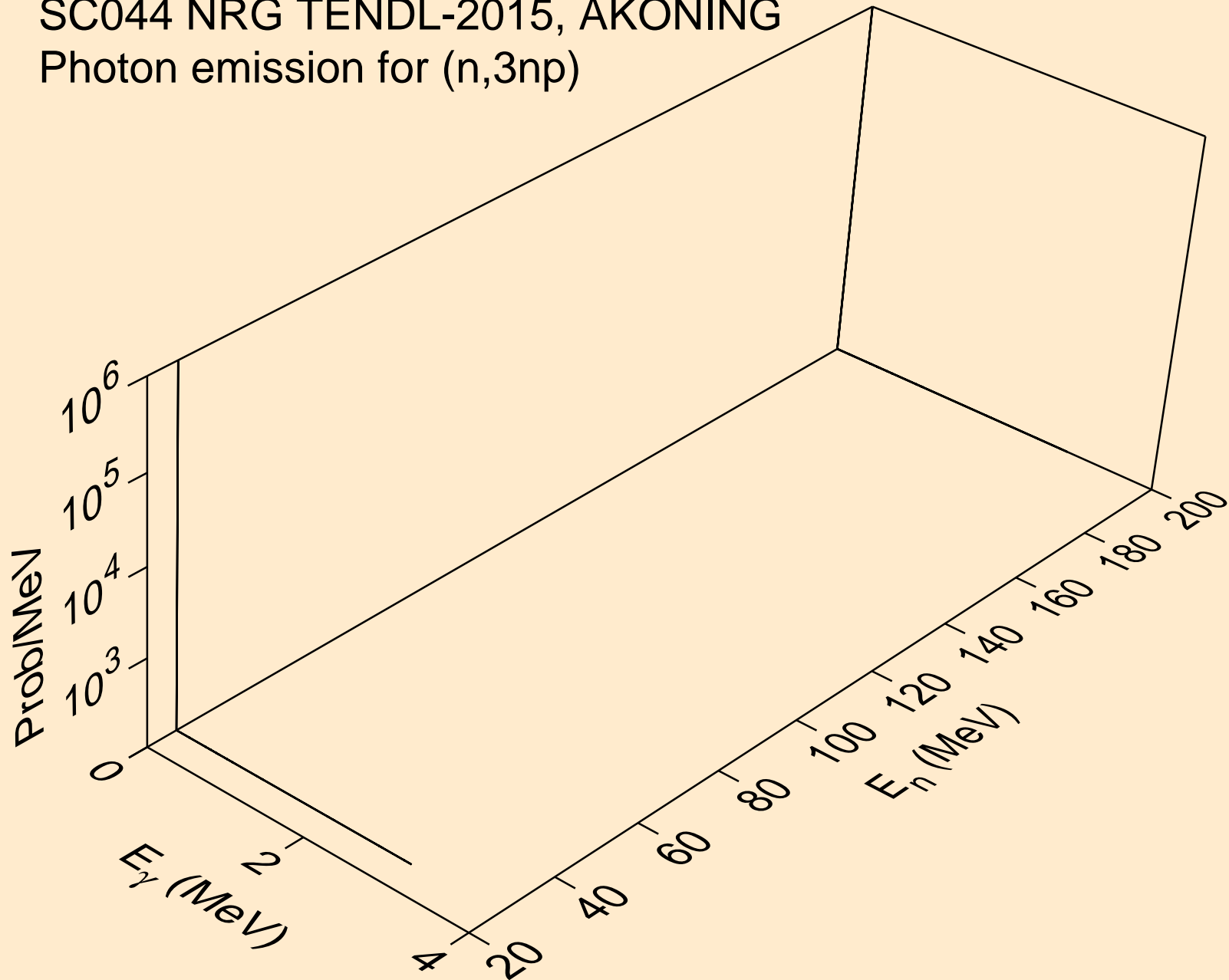
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



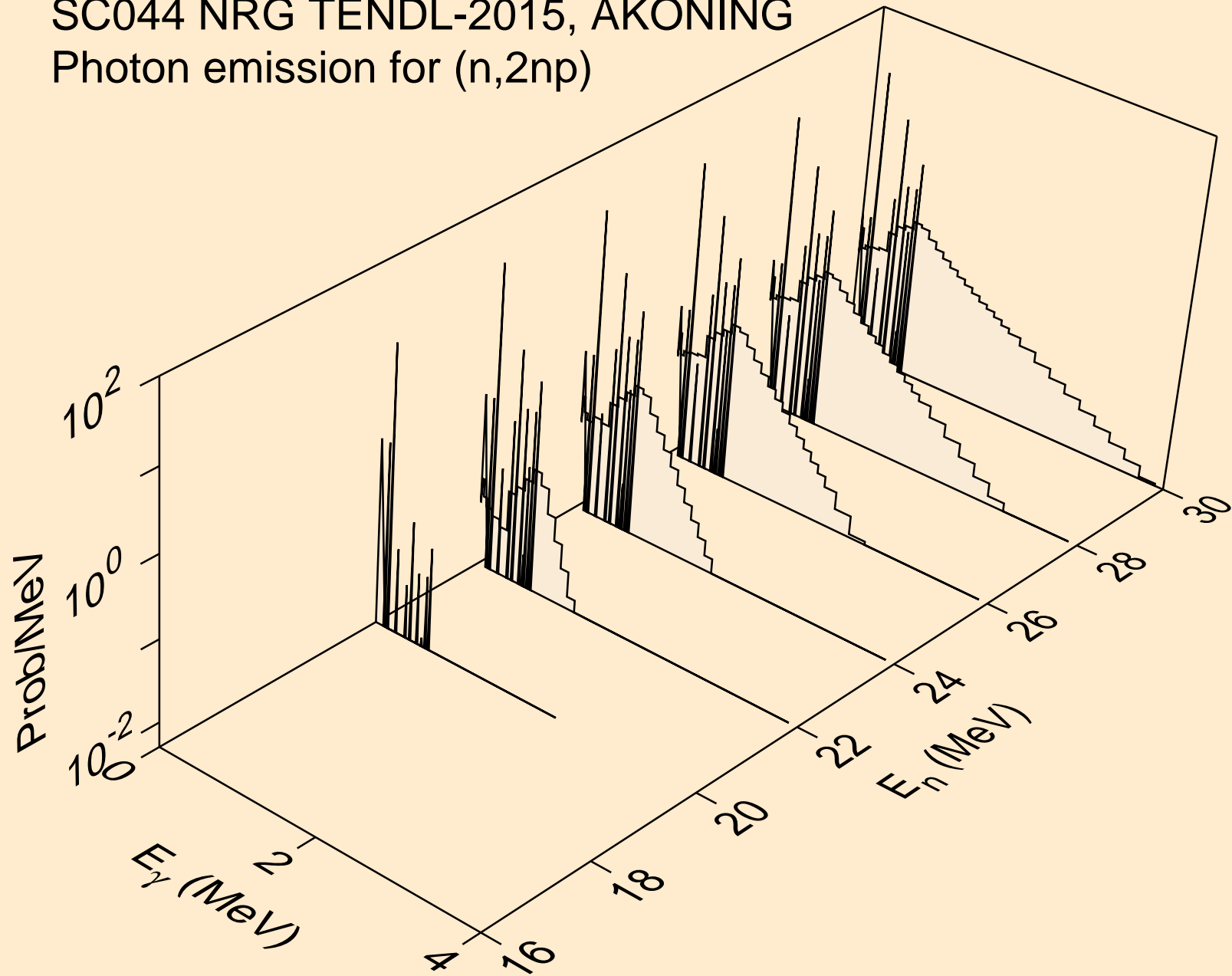
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

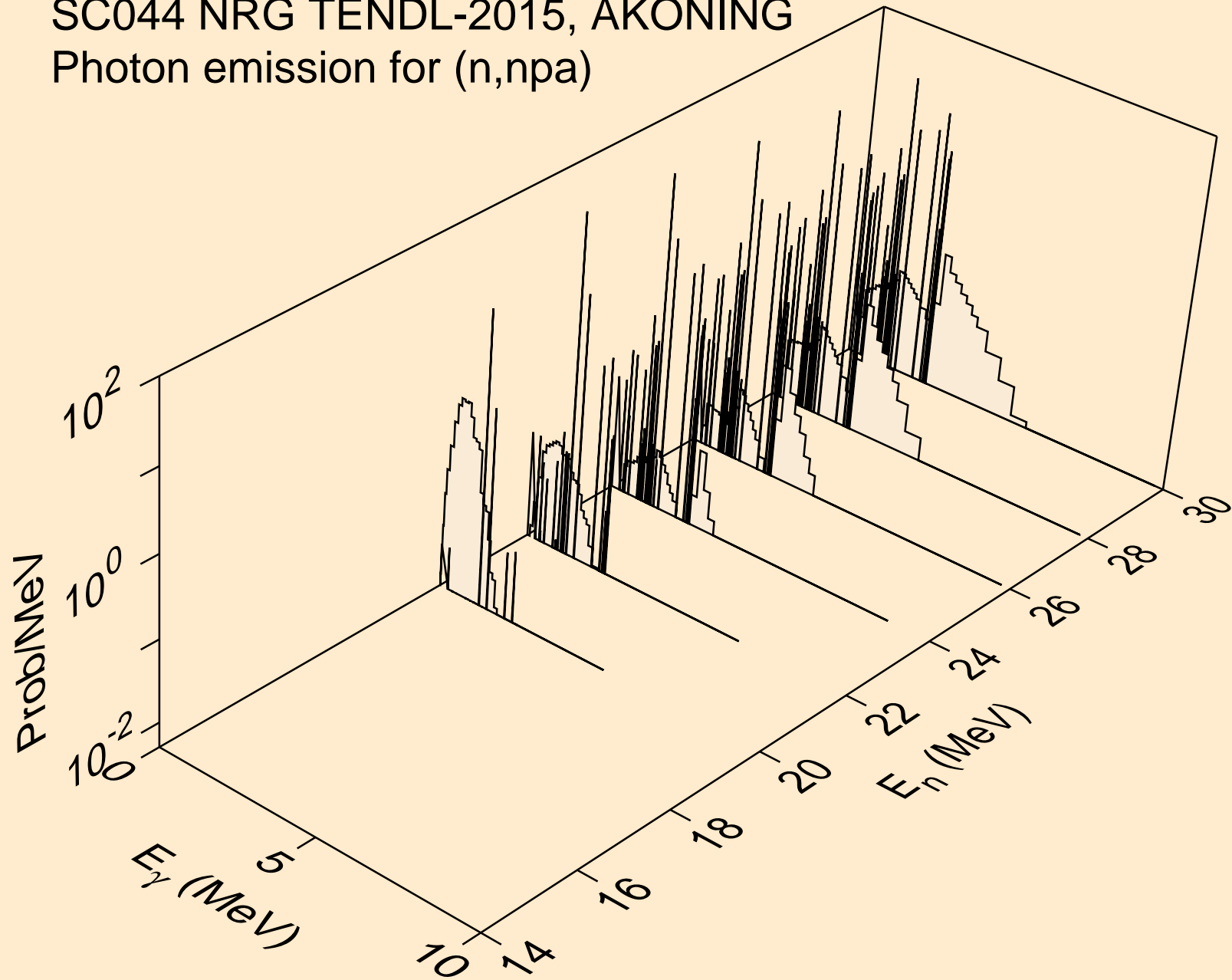


SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

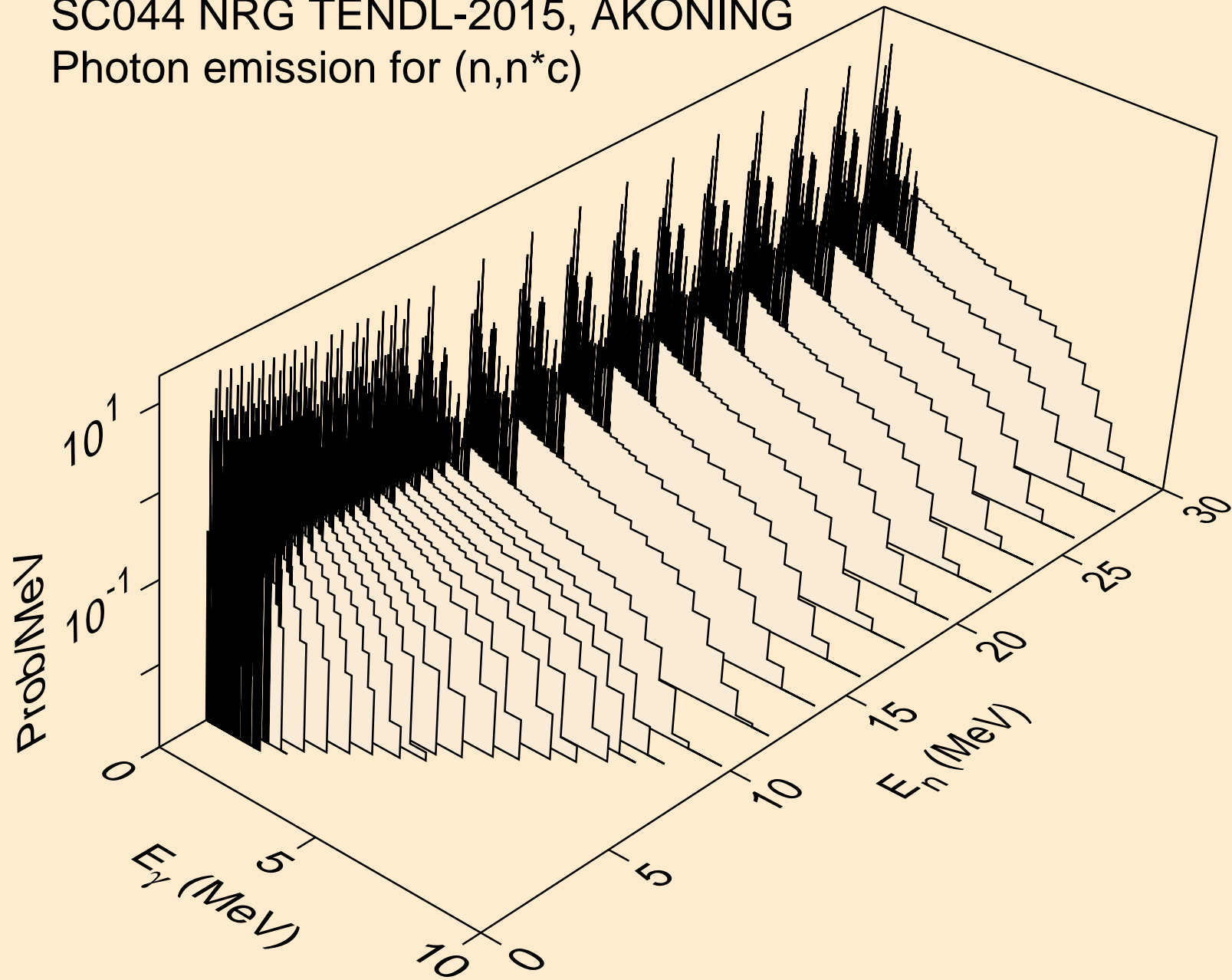




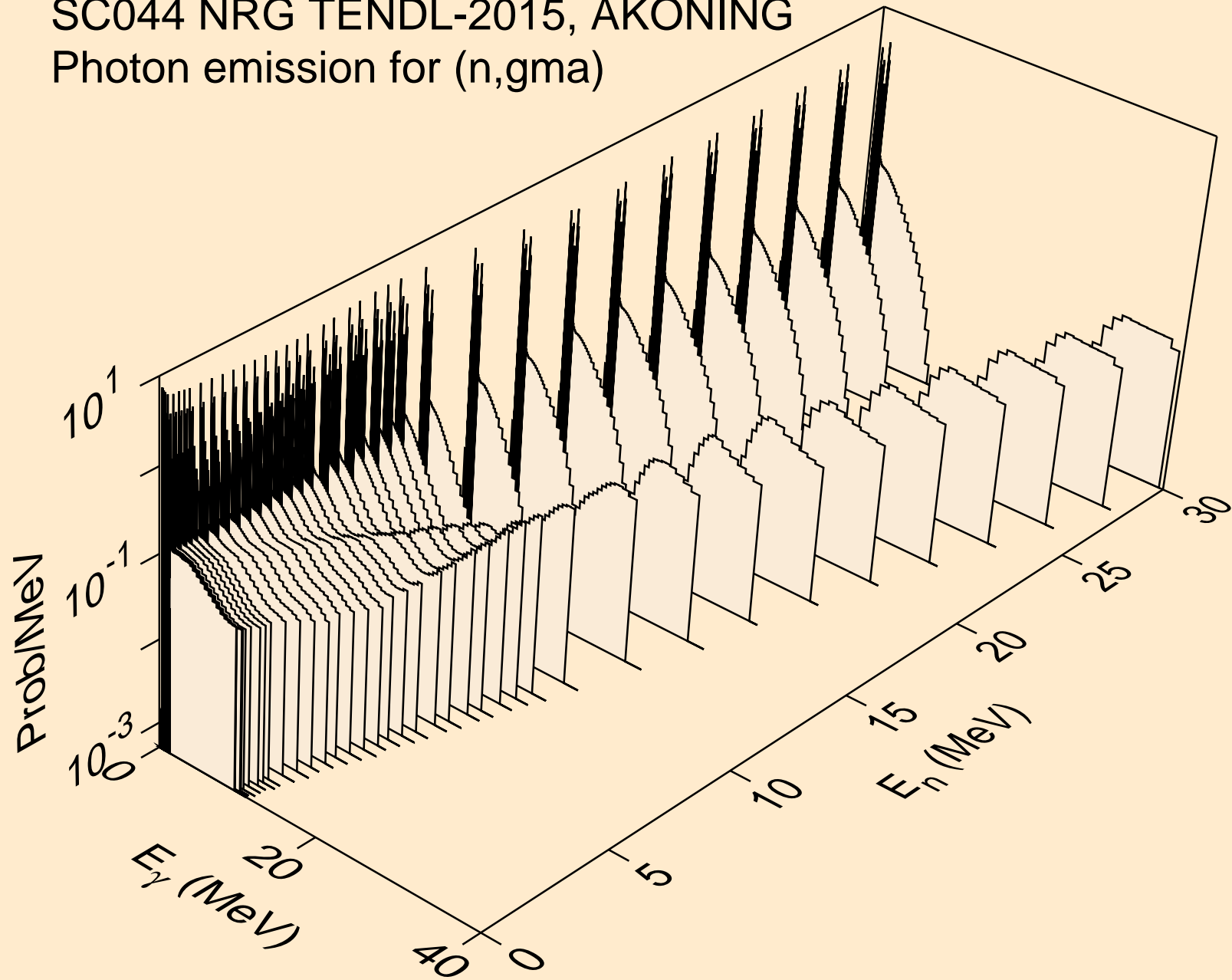
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



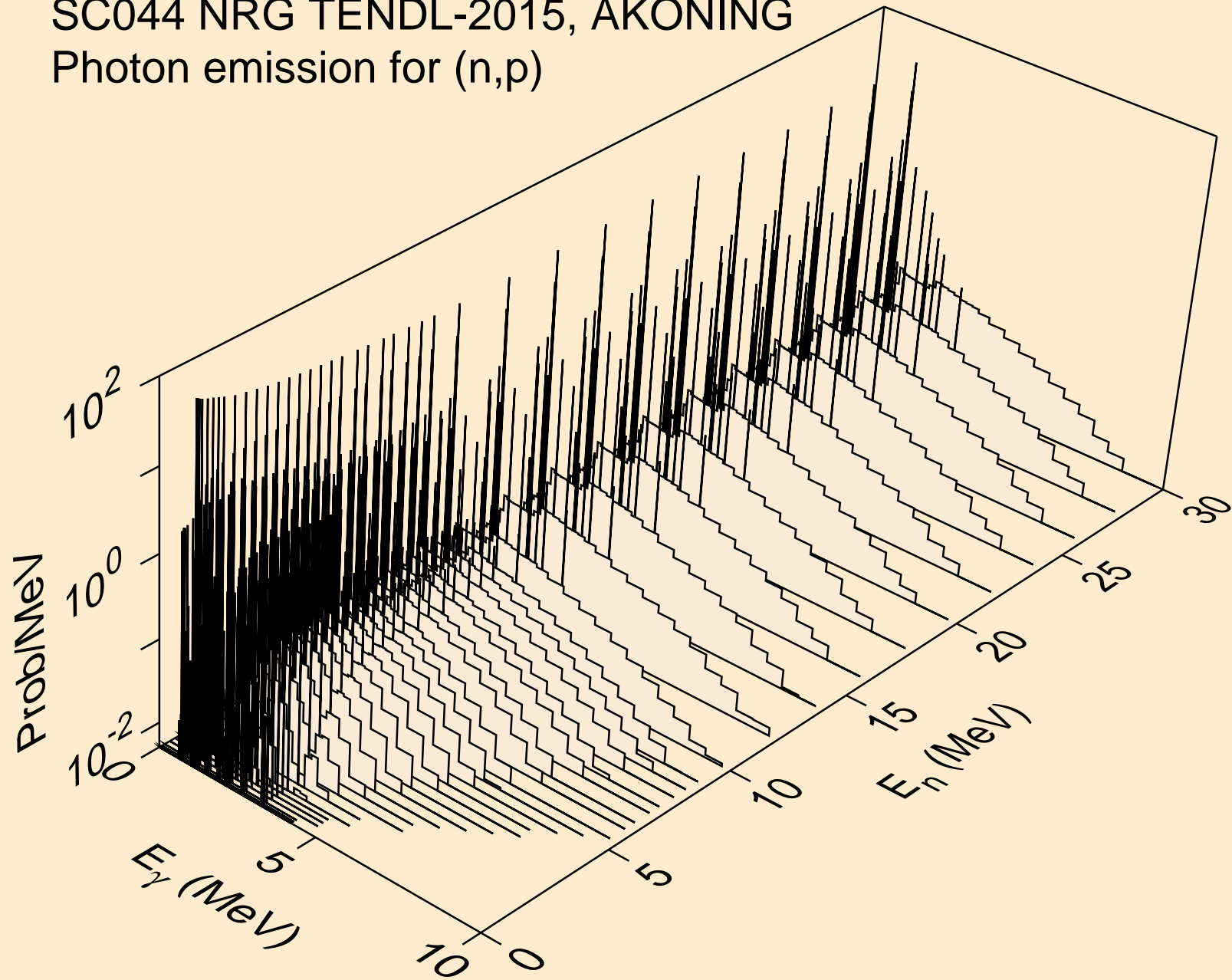
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



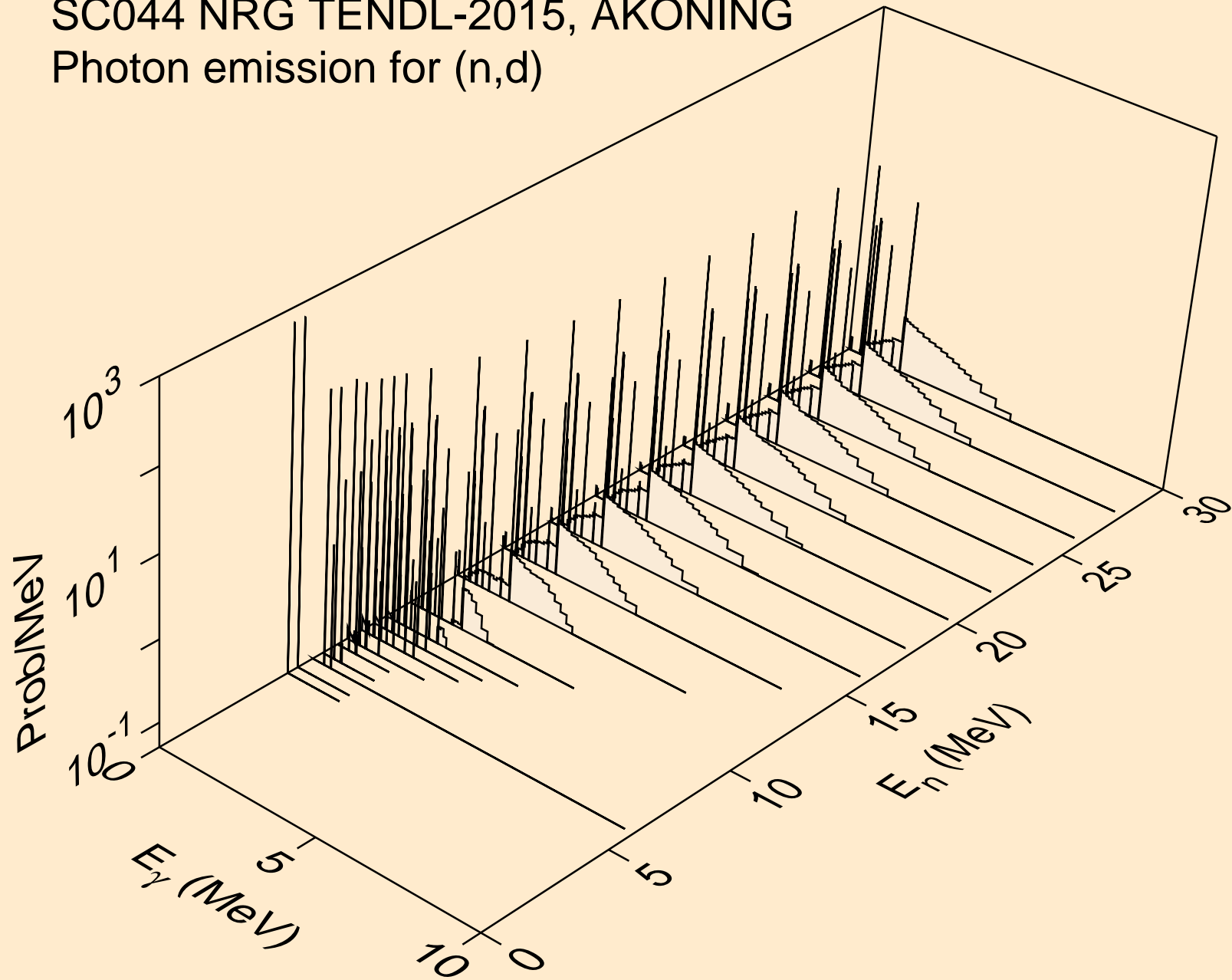
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



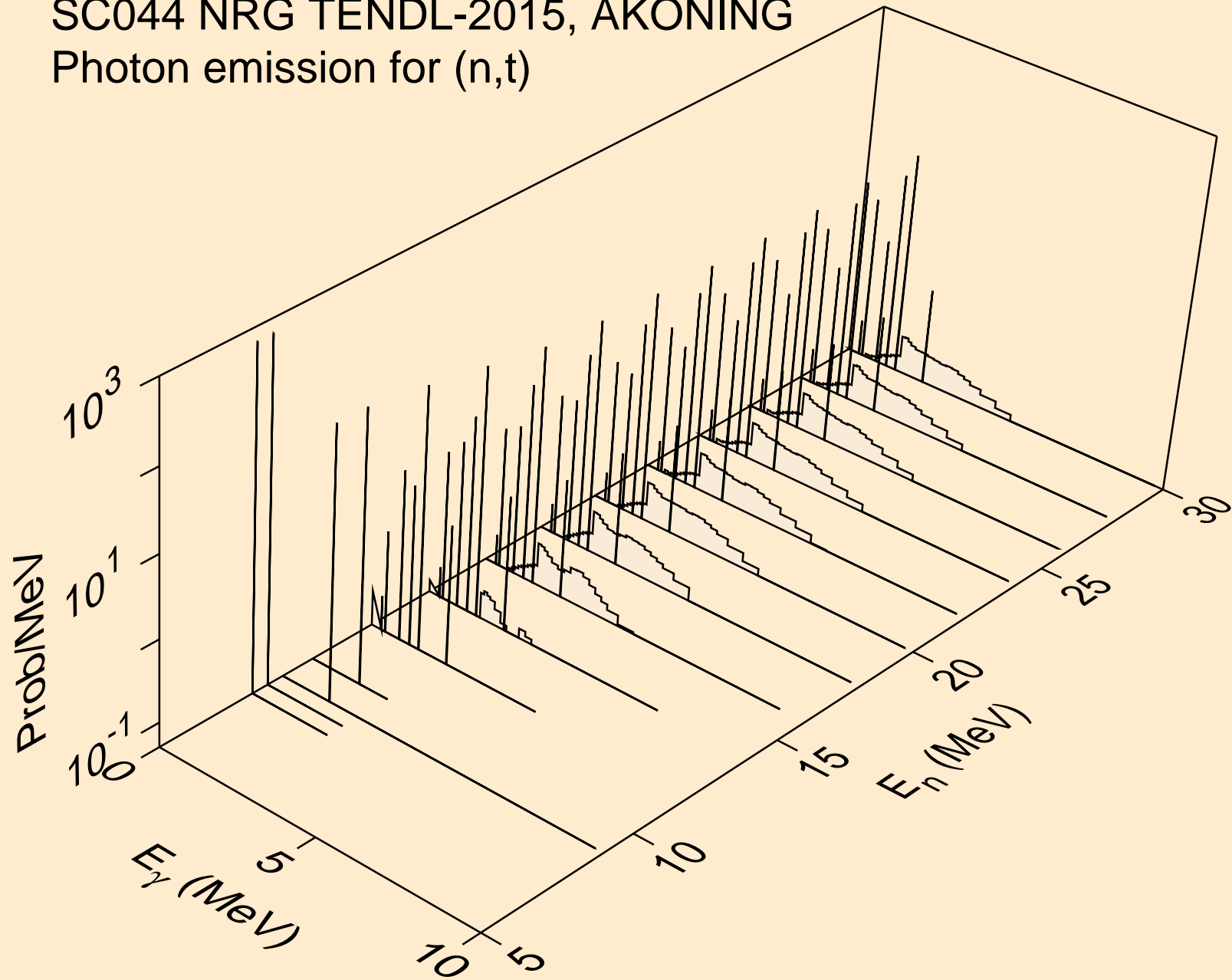
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



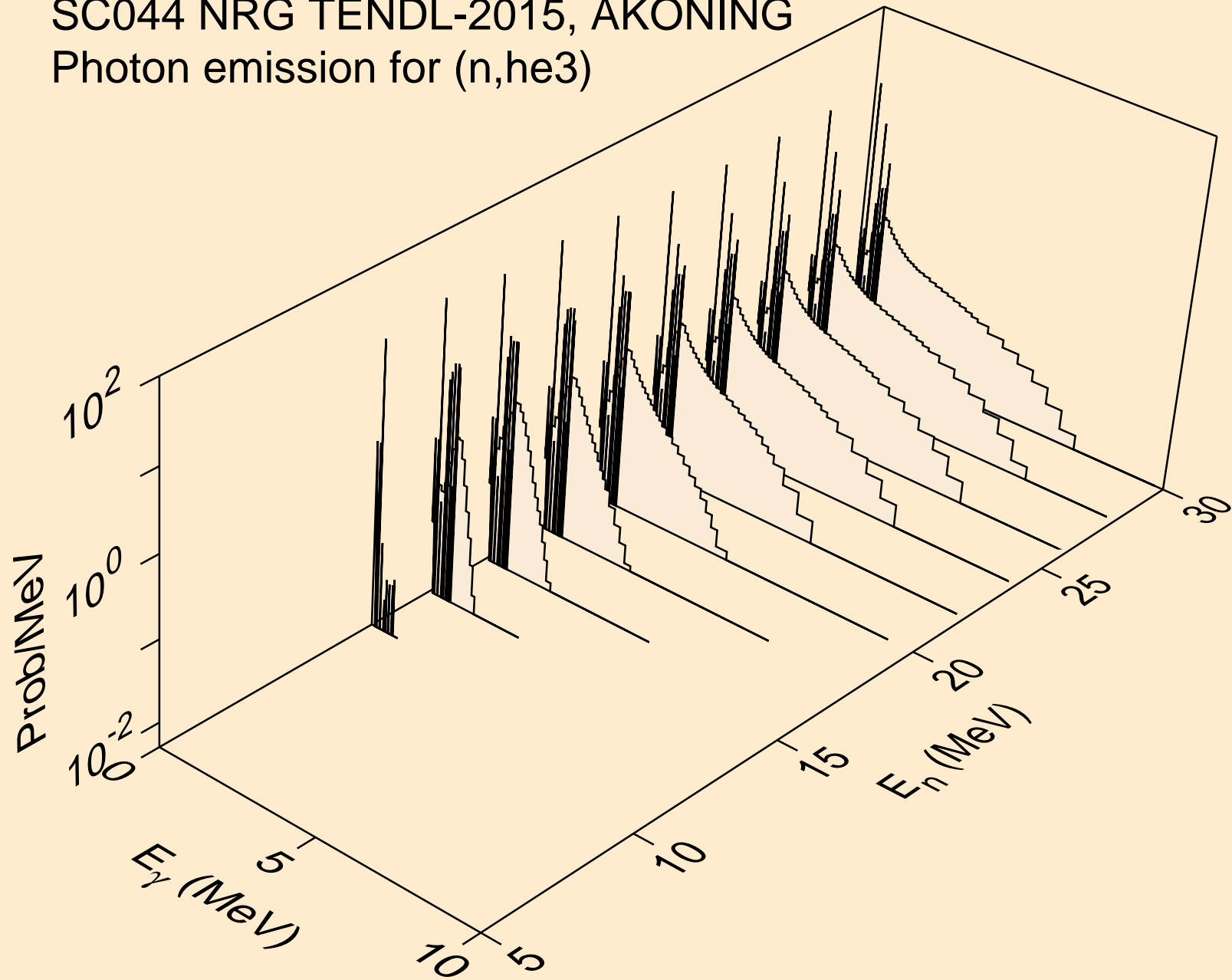
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



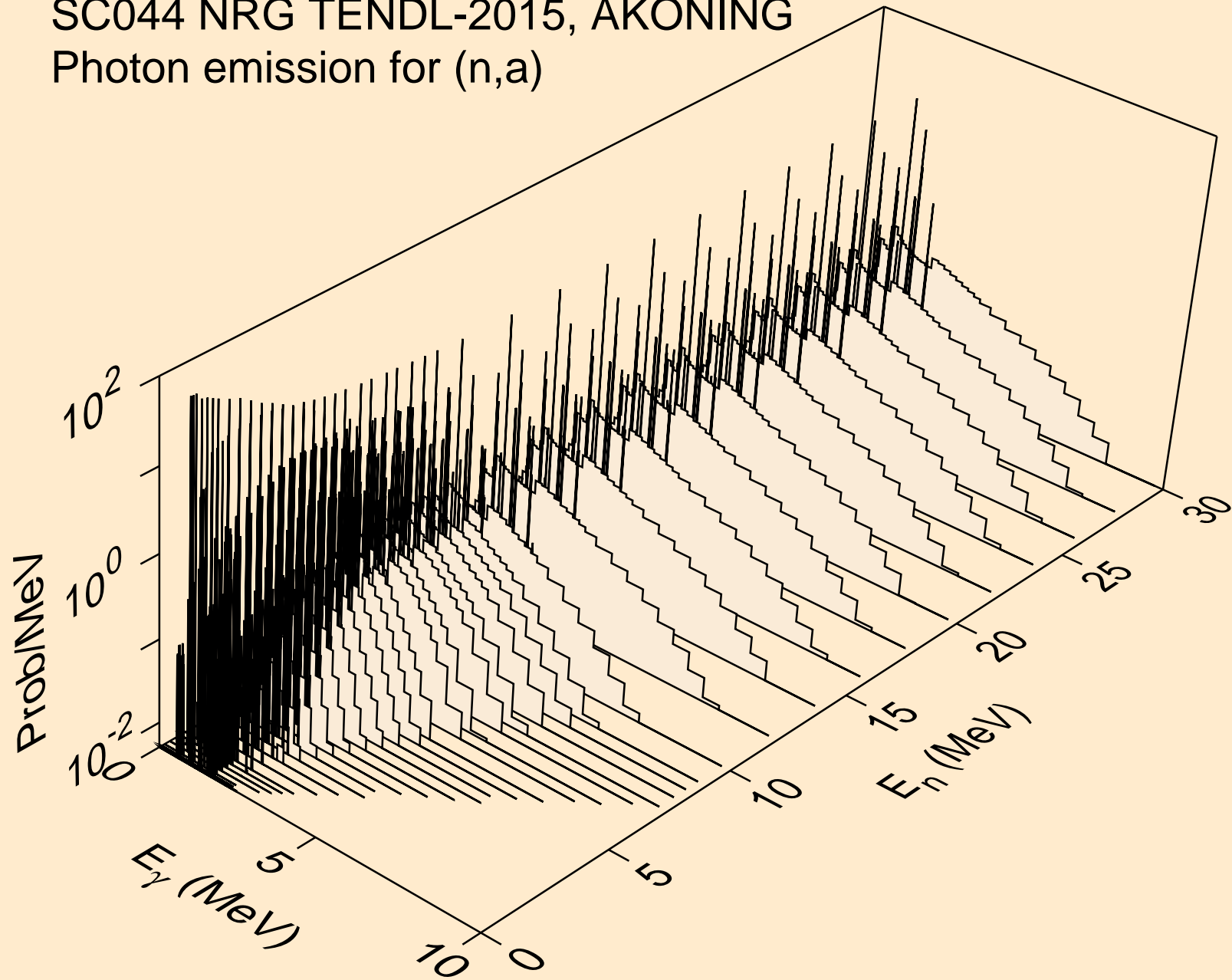
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

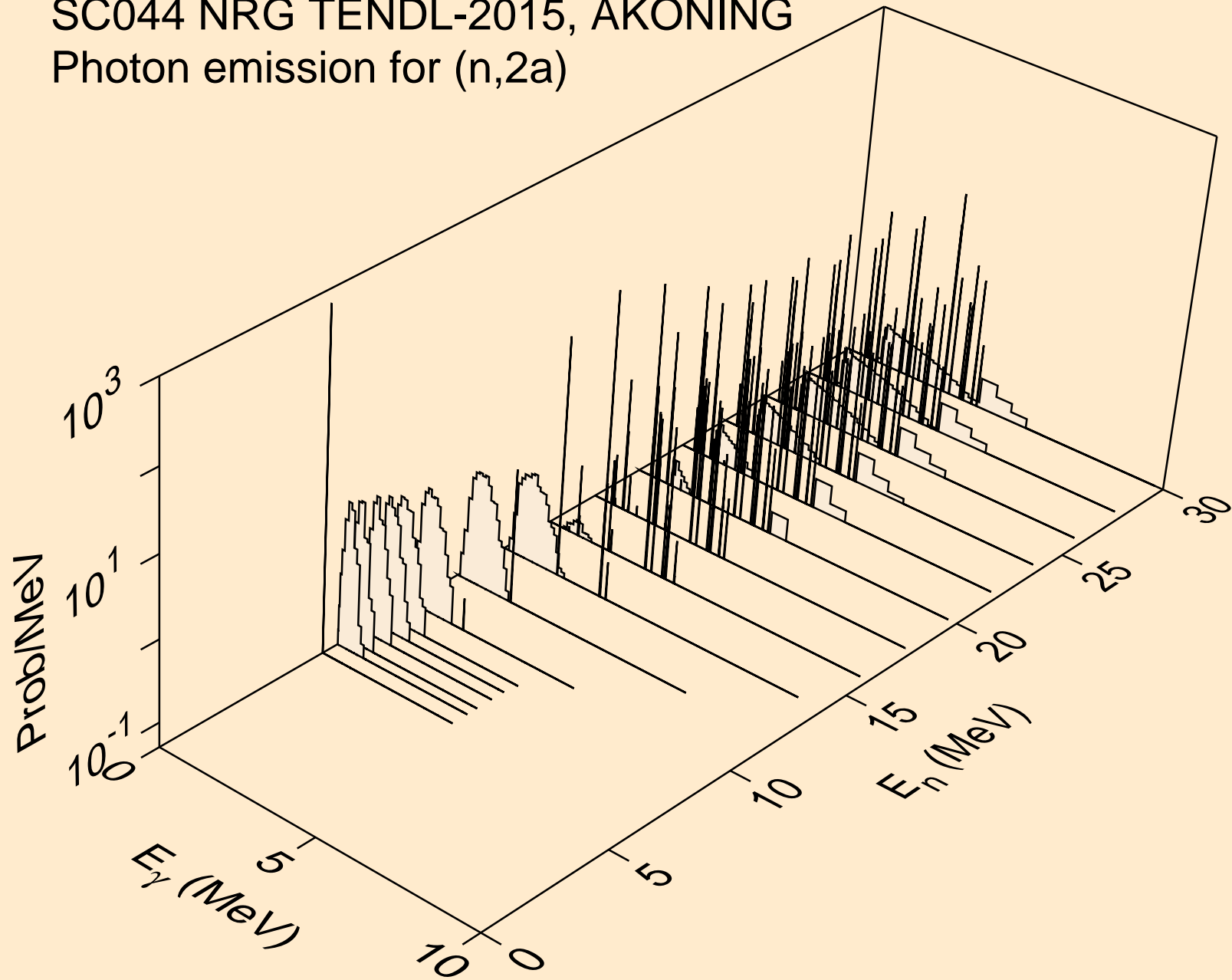


SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

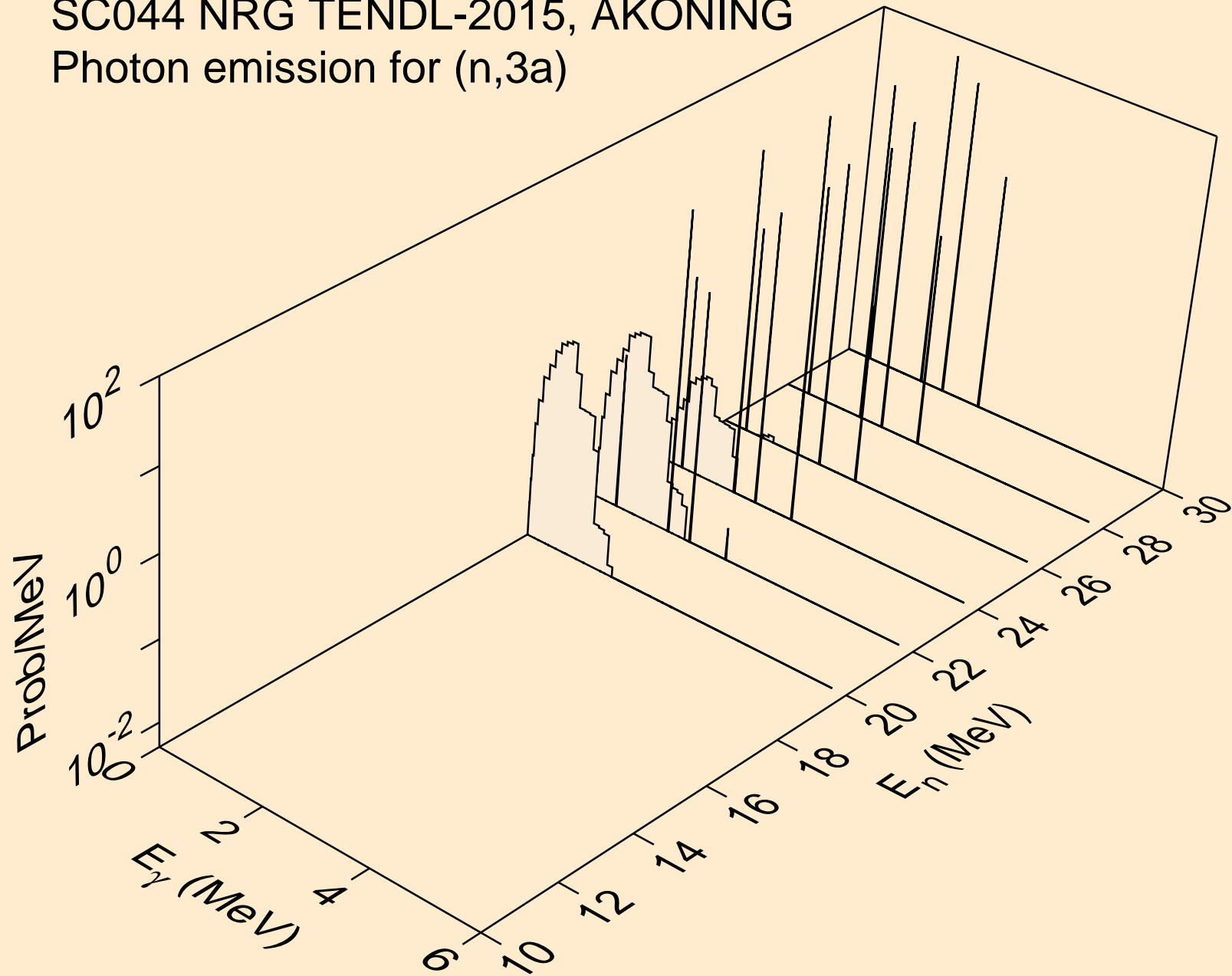




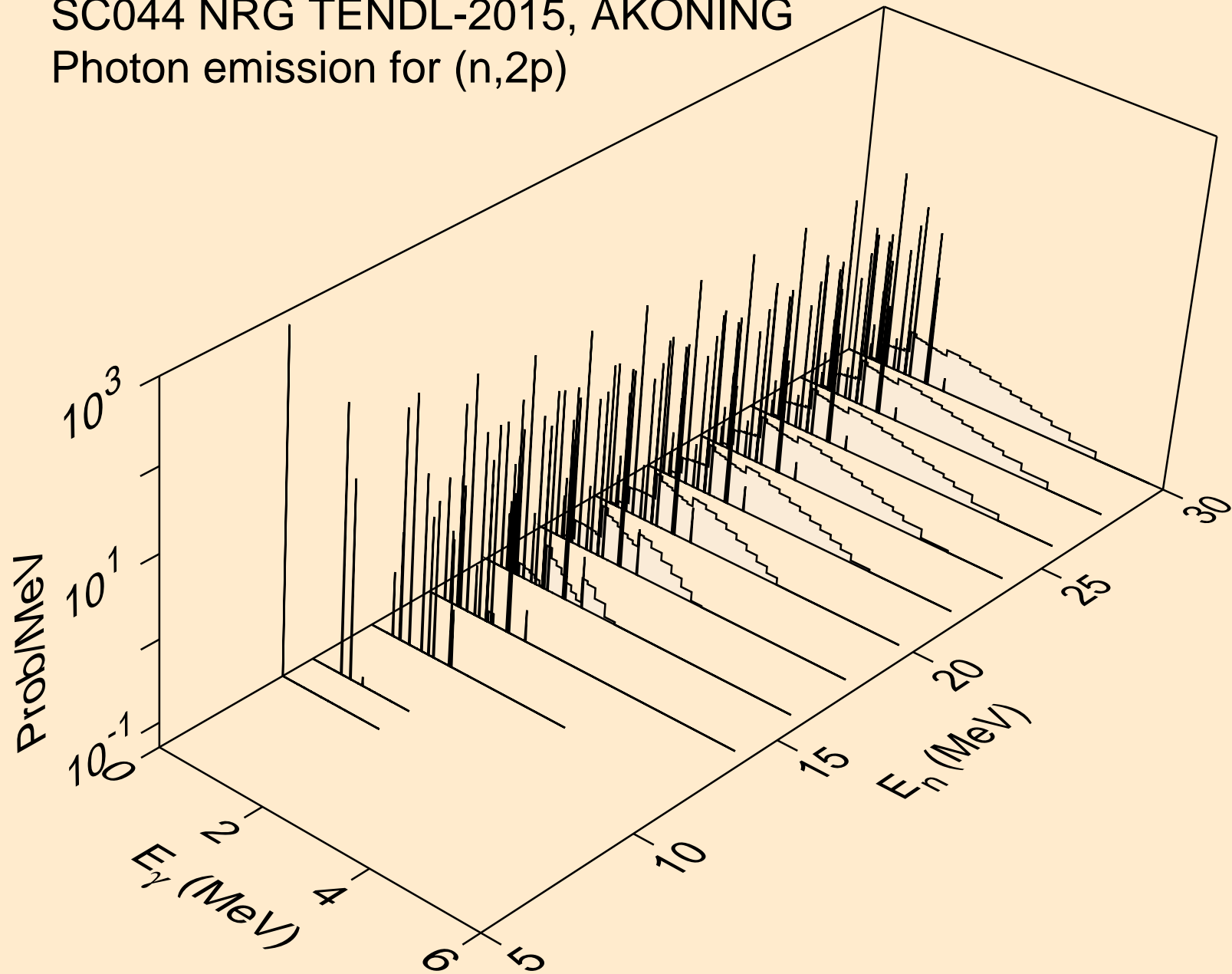
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



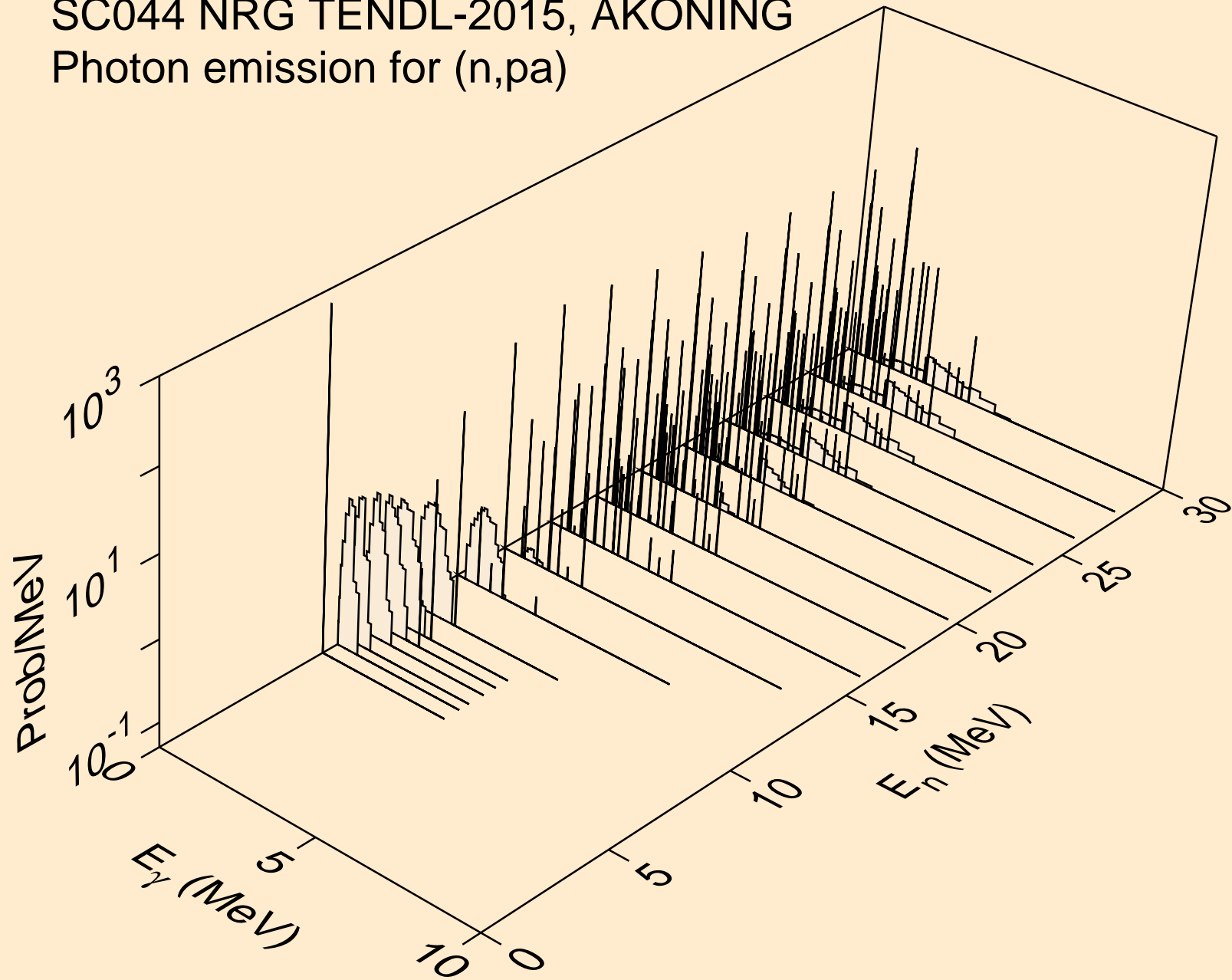
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



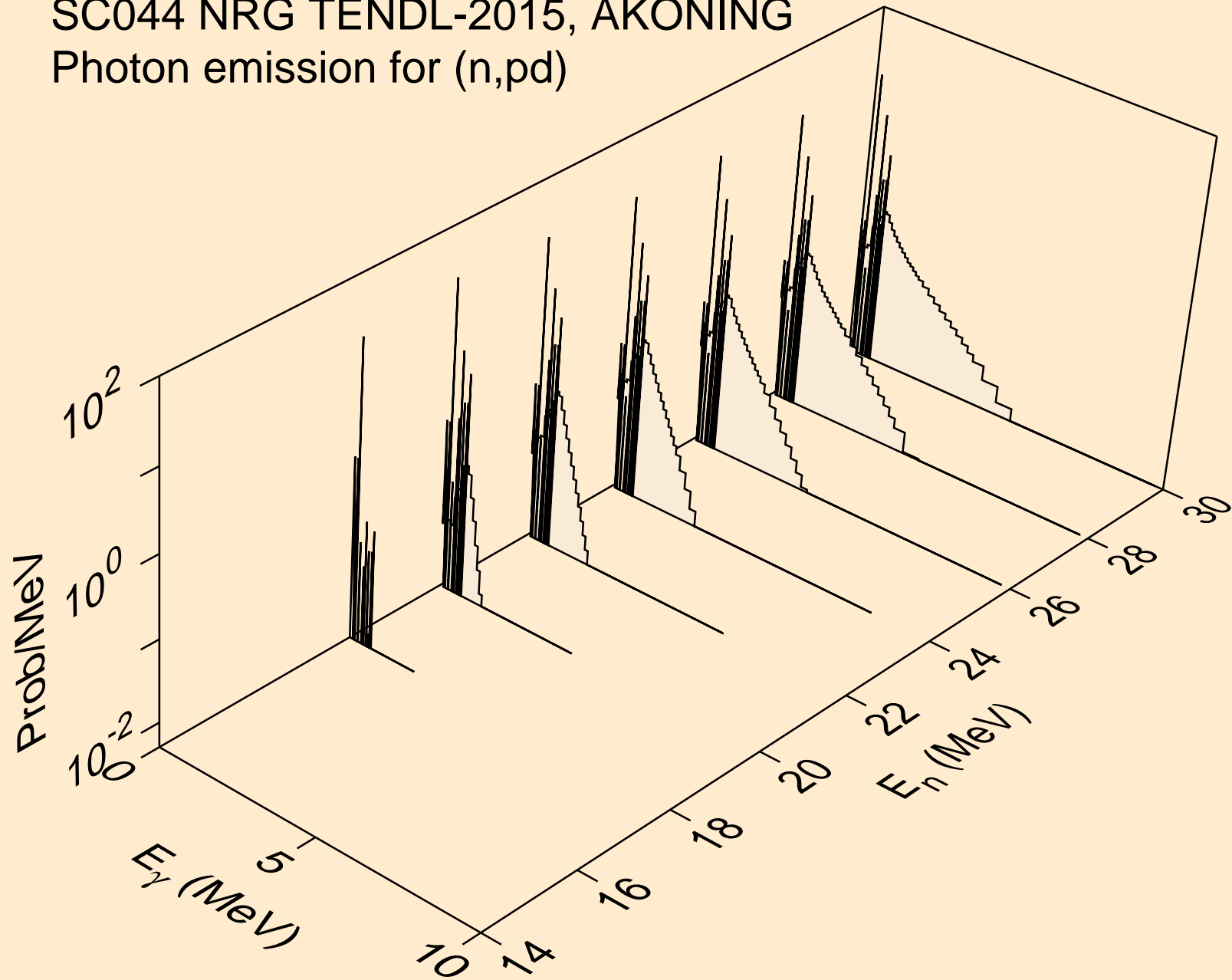
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



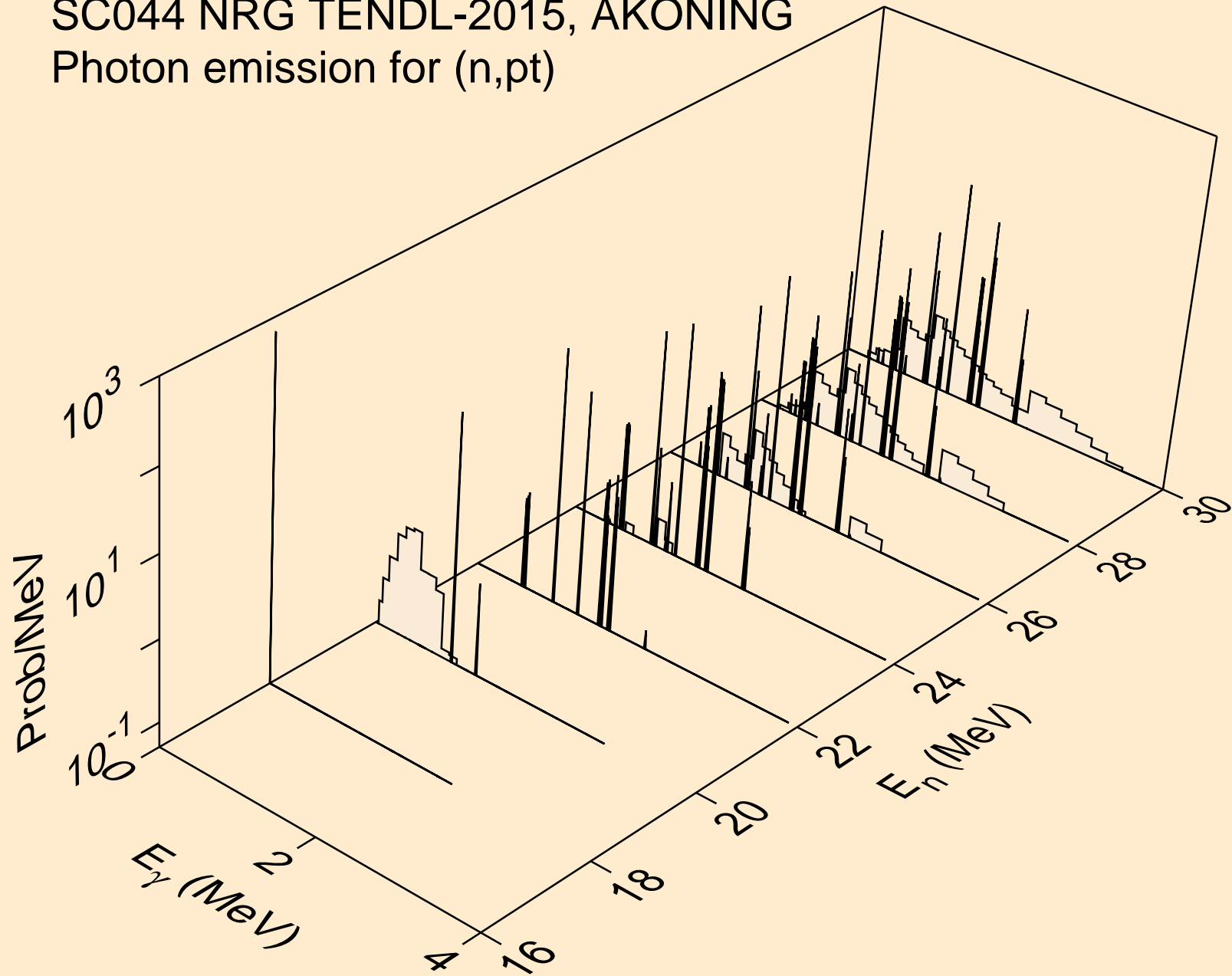
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



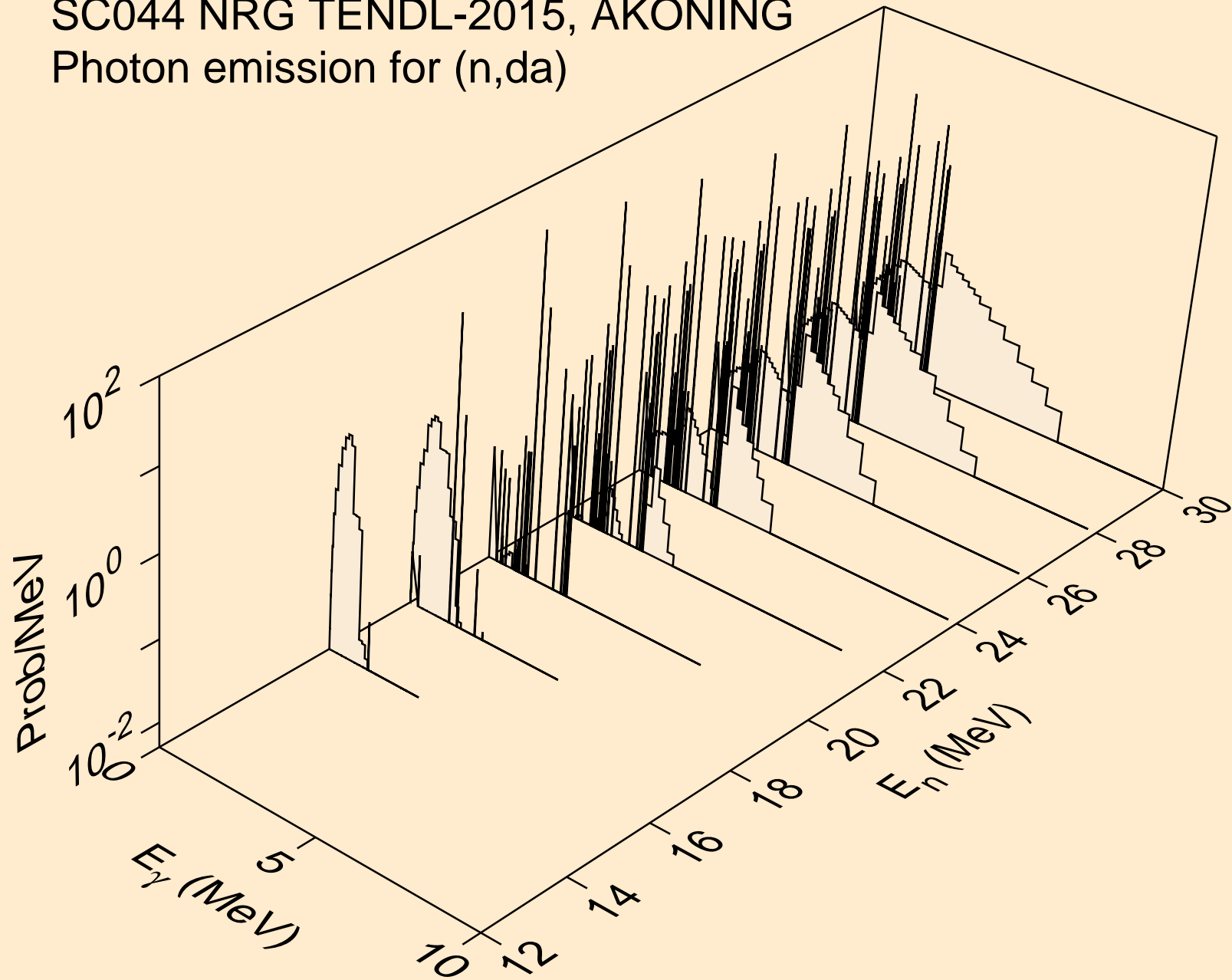
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



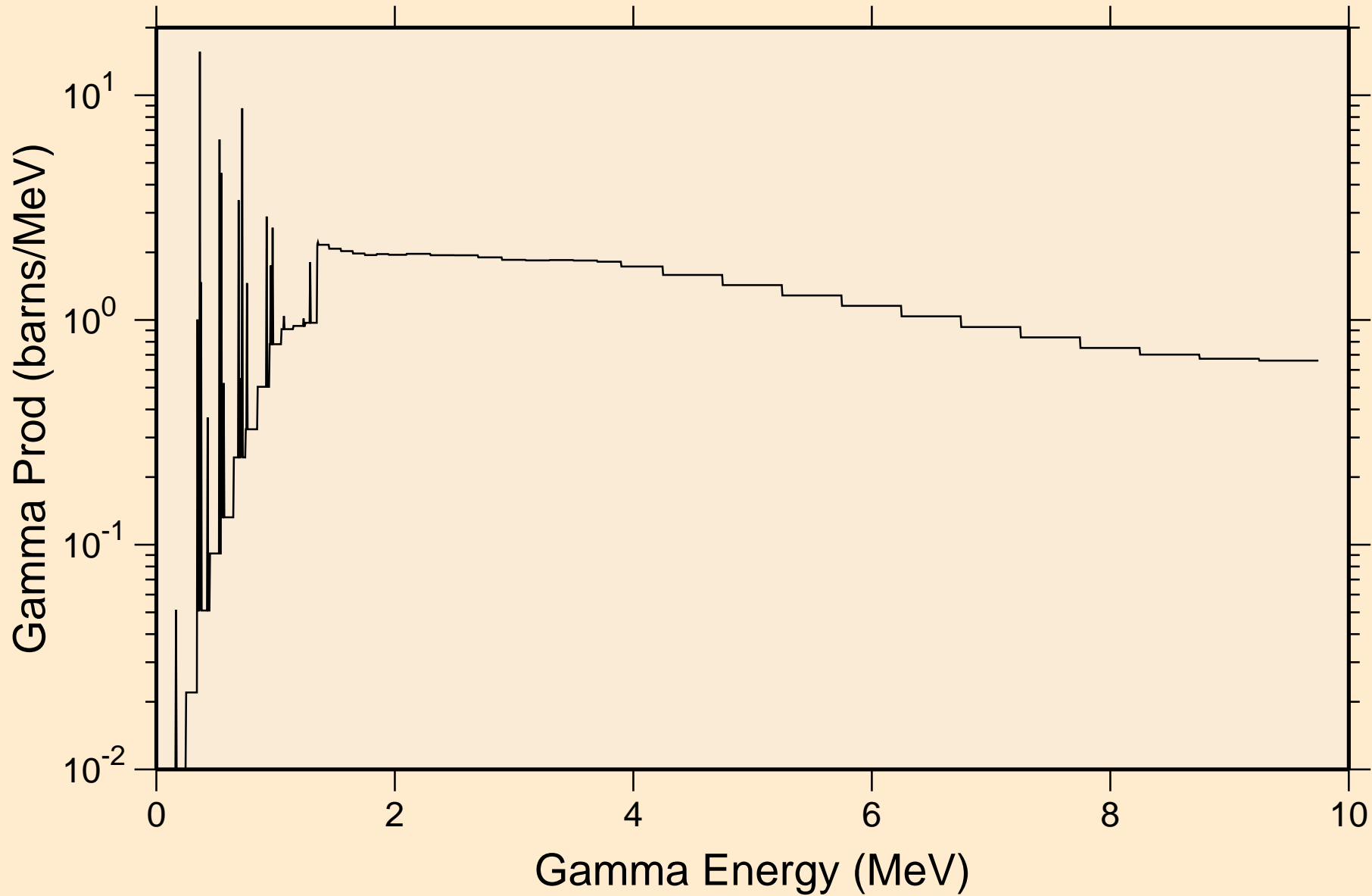
SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



SC044 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

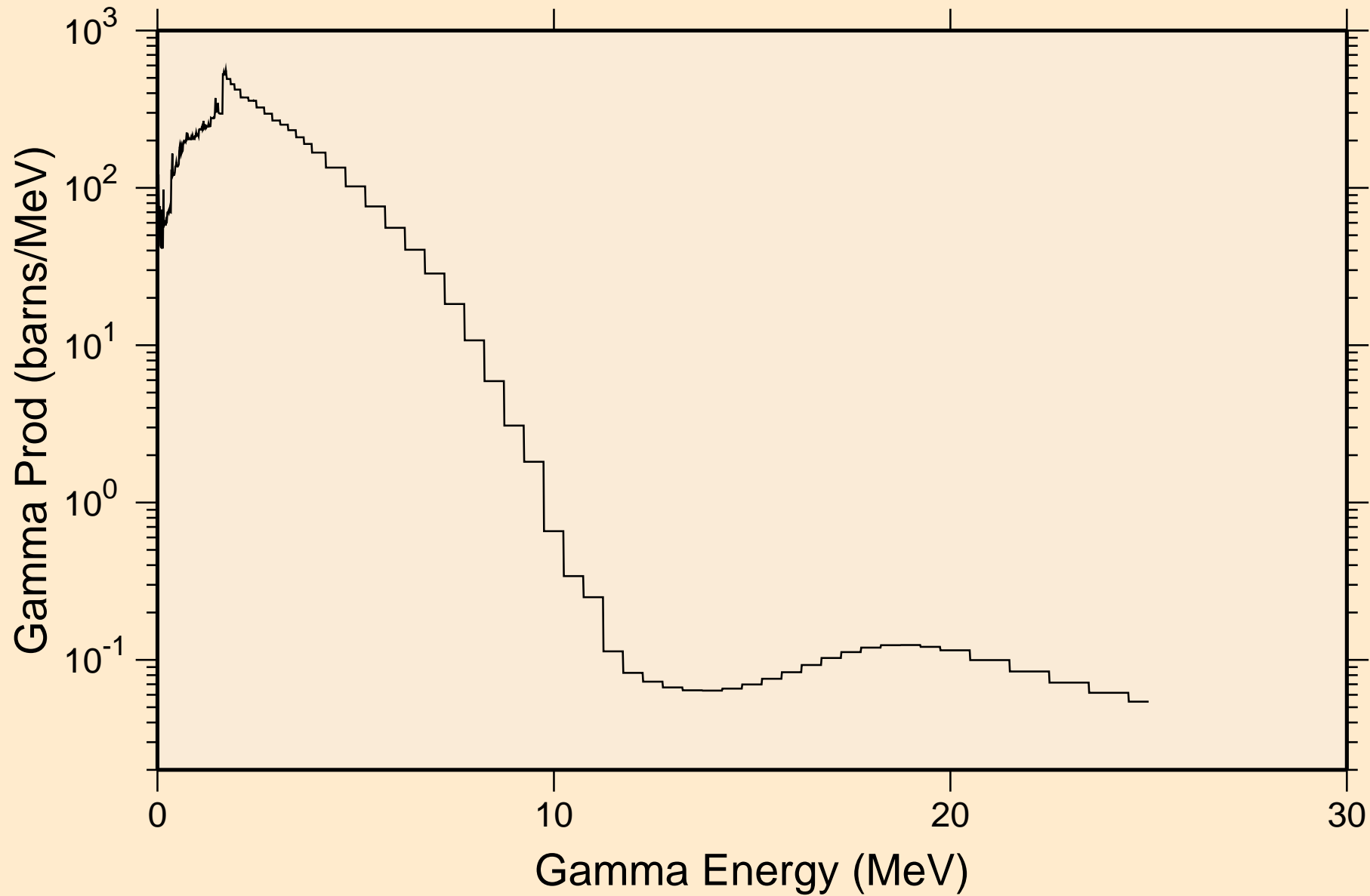


SC044 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



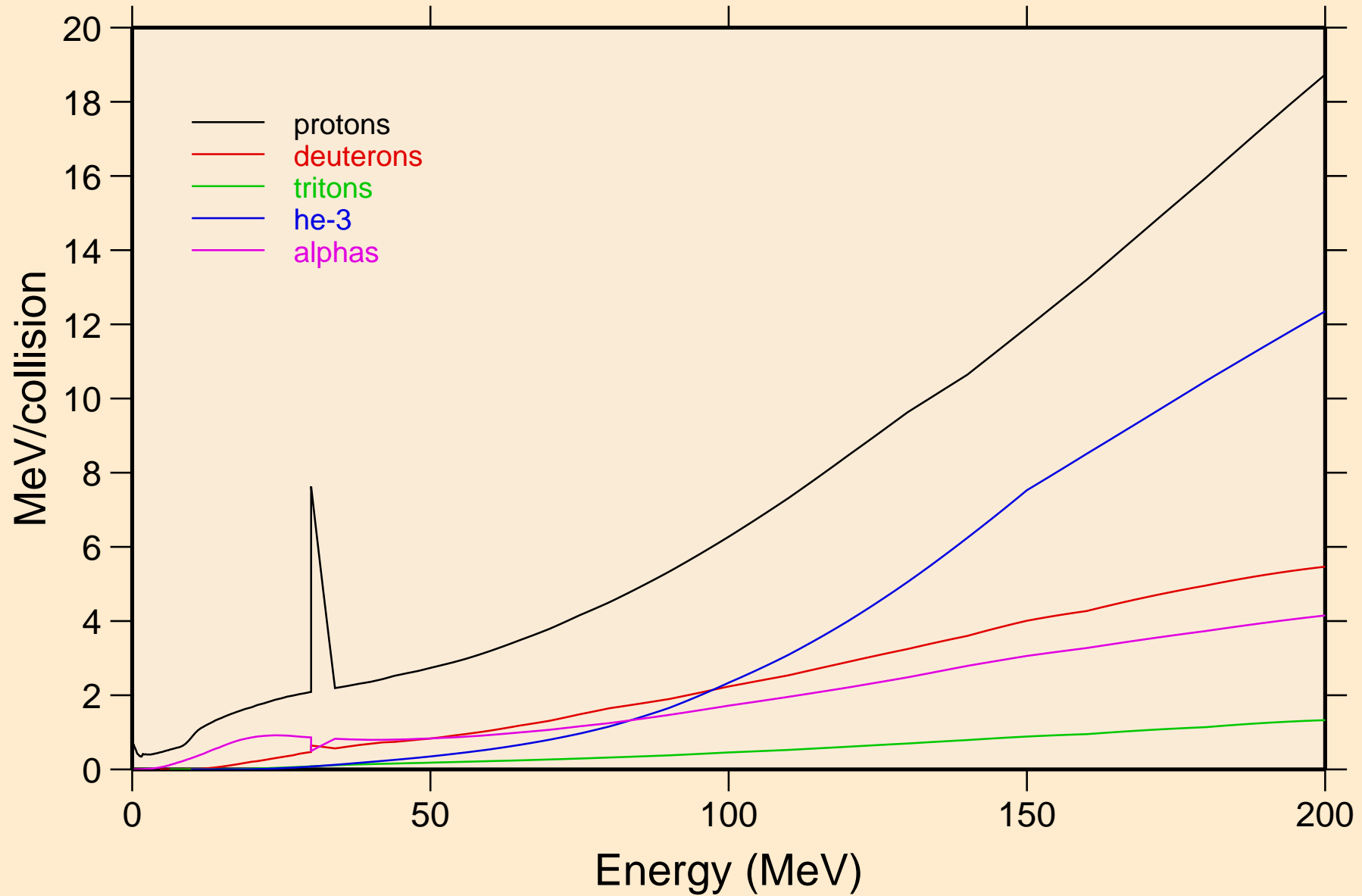


SC044 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



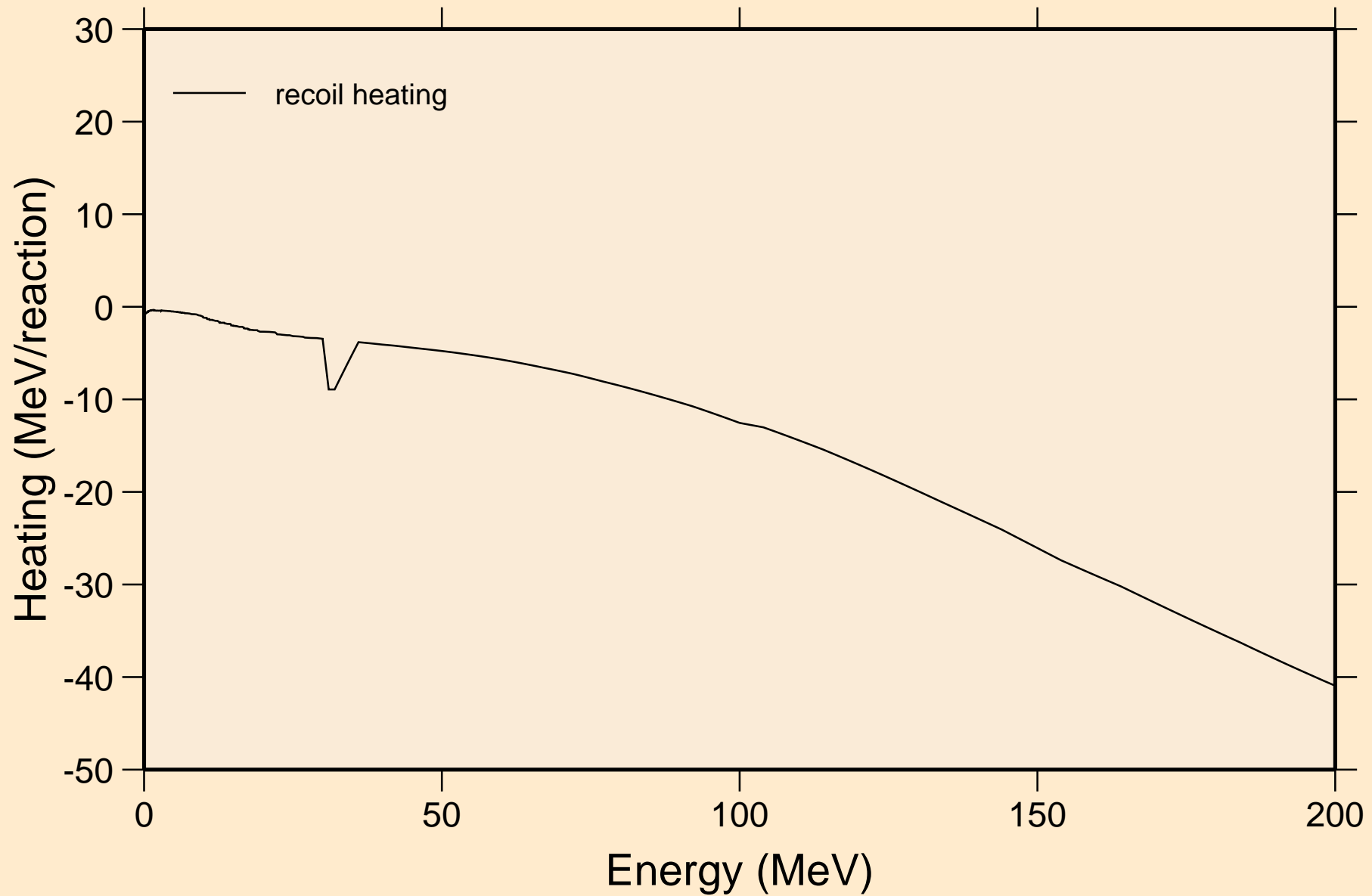
# SC044 NRG TENDL-2015, AKONING

## Particle heating contributions



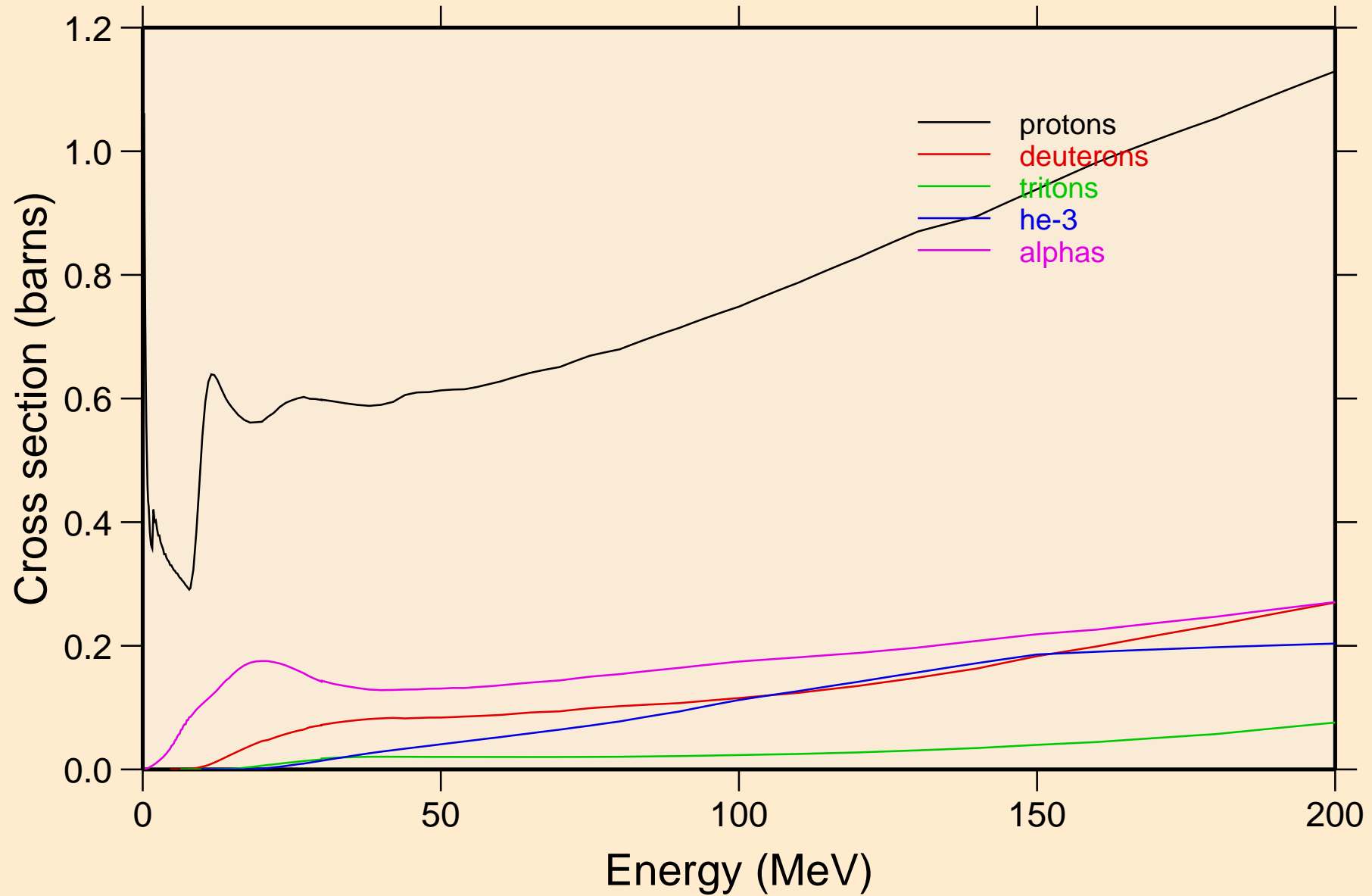
# SC044 NRG TENDL-2015, AKONING

## Recoil Heating

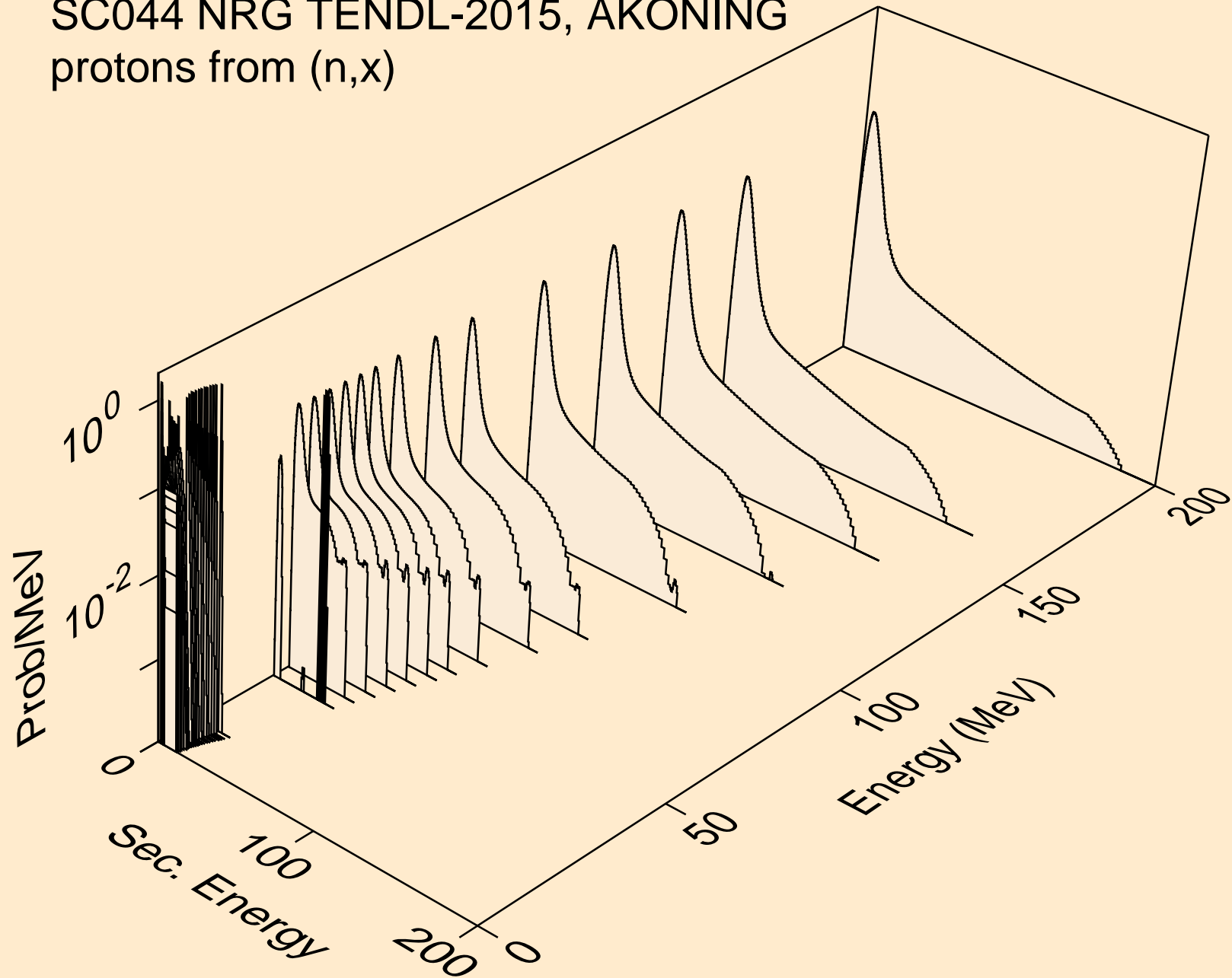


# SC044 NRG TENDL-2015, AKONING

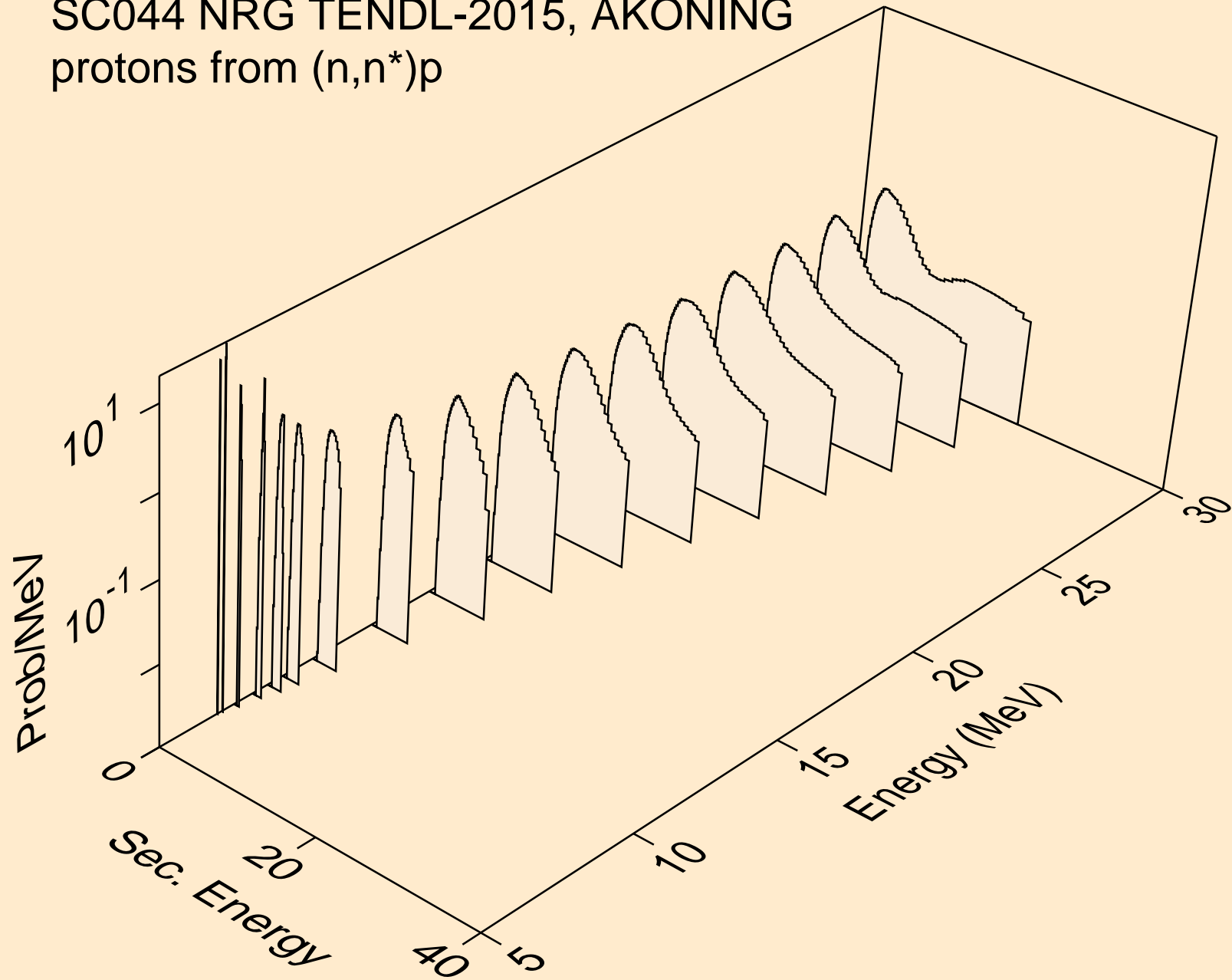
## Particle production cross sections



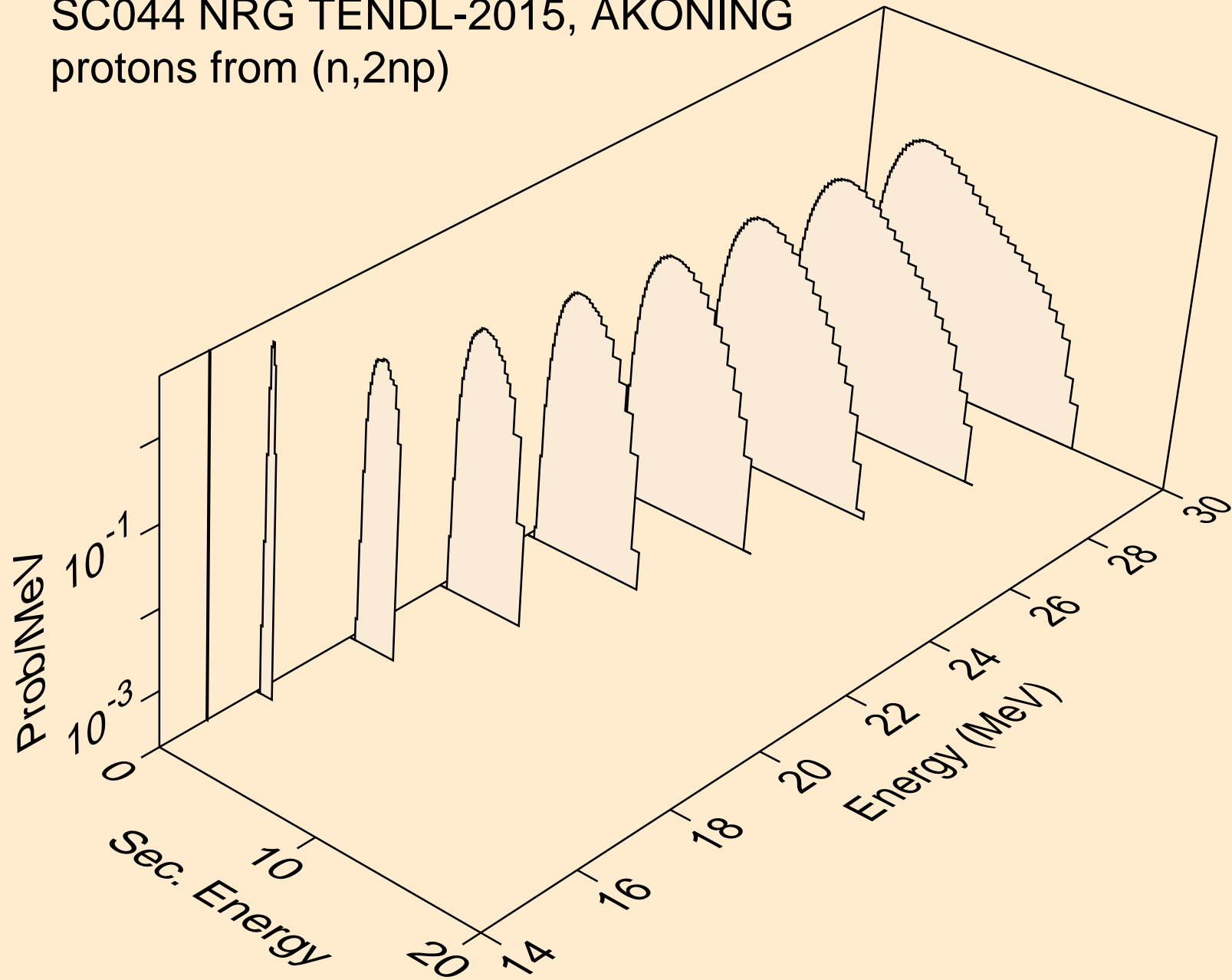
SC044 NRG TENDL-2015, AKONING  
protons from (n,x)



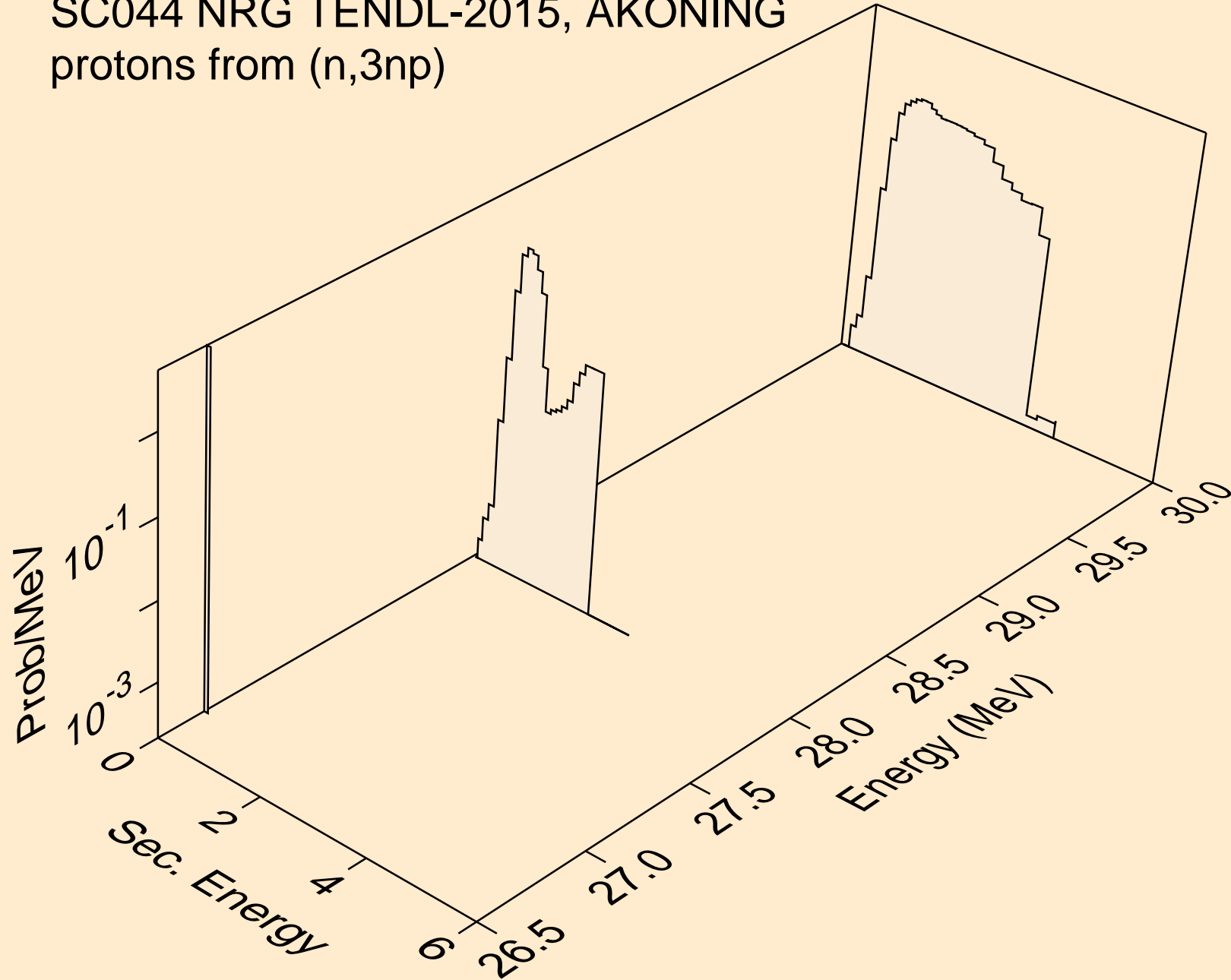
SC044 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



SC044 NRG TENDL-2015, AKONING  
protons from (n,2np)

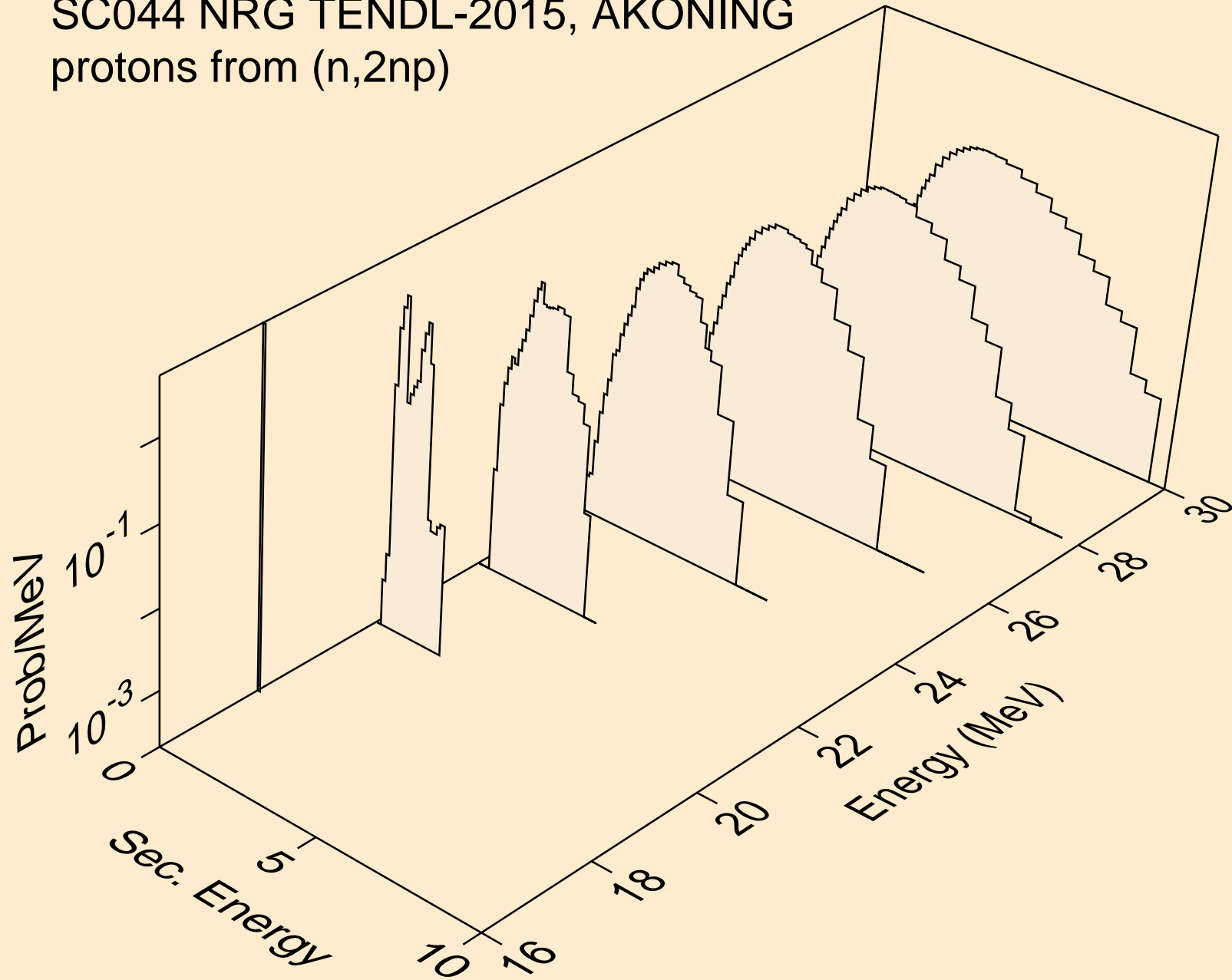


SC044 NRG TENDL-2015, AKONING  
protons from (n,3np)

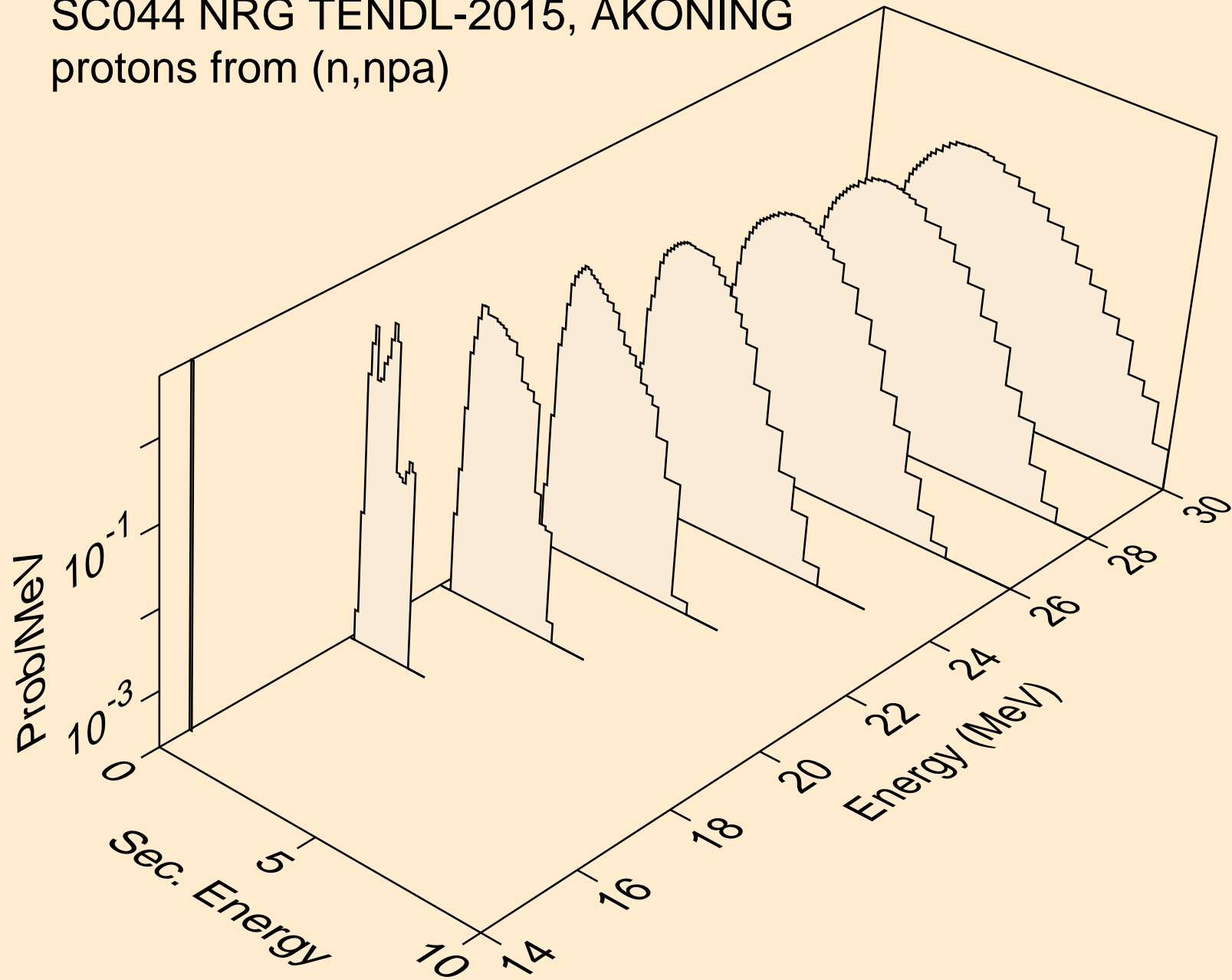




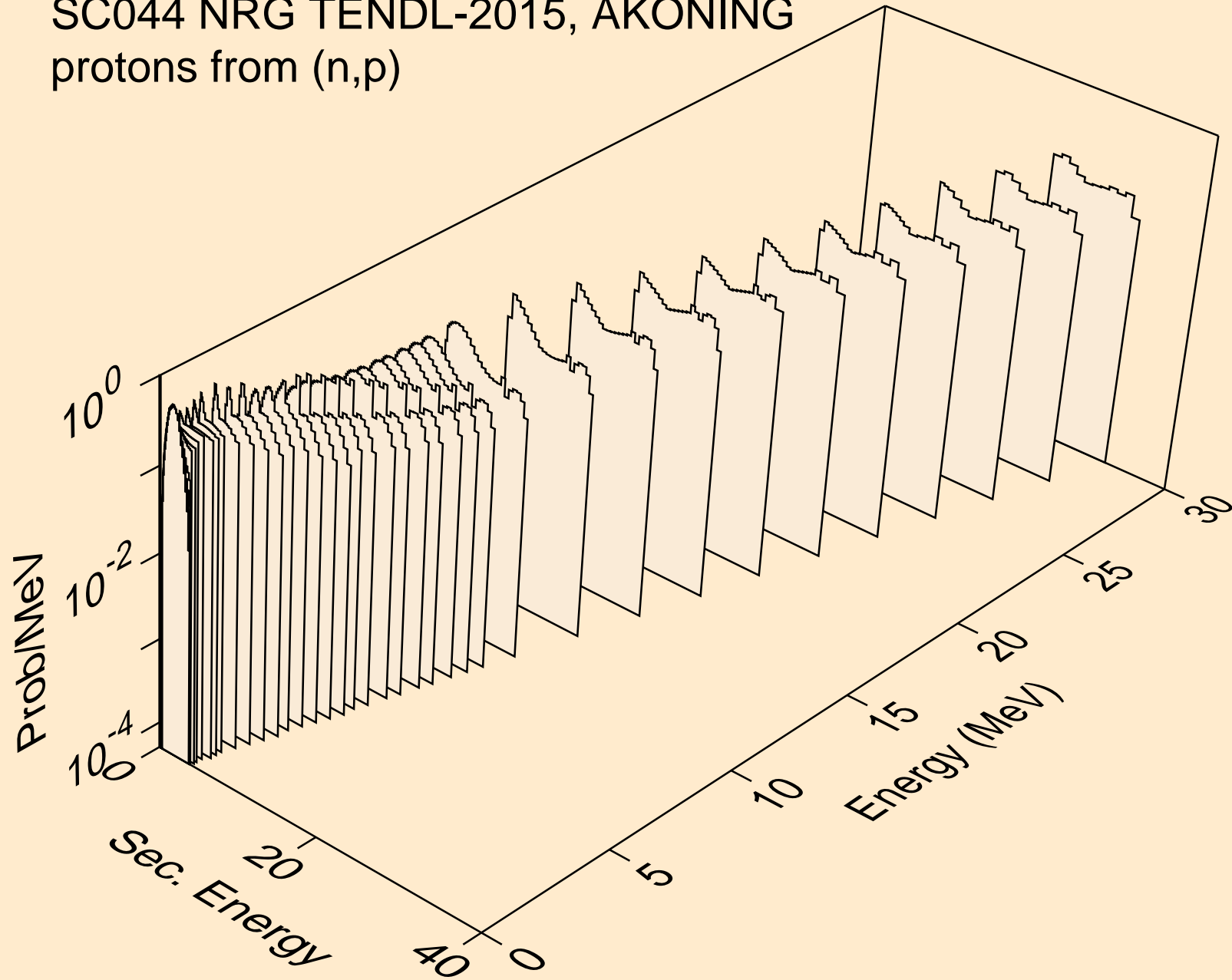
SC044 NRG TENDL-2015, AKONING  
protons from (n,2np)



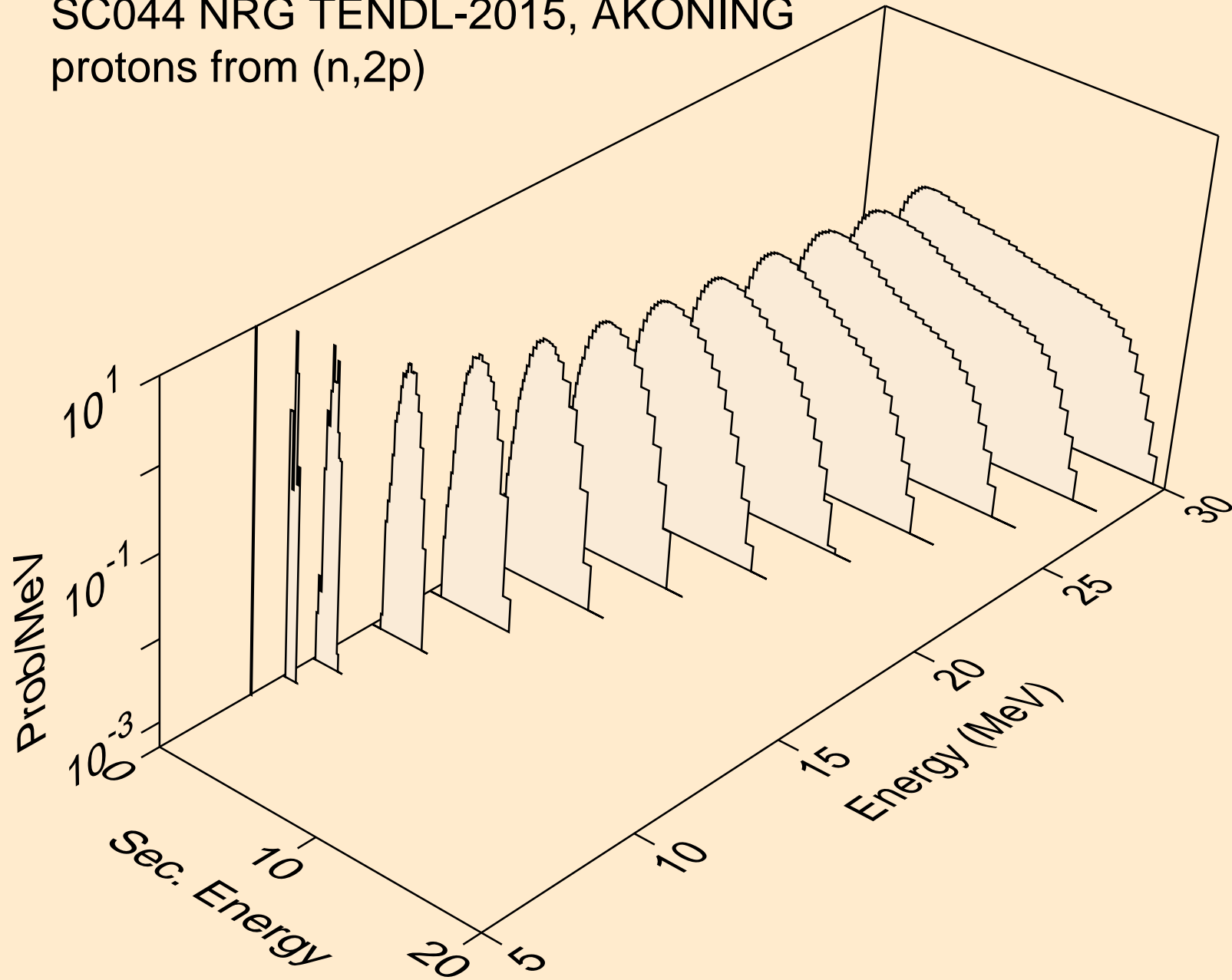
SC044 NRG TENDL-2015, AKONING  
protons from (n,npa)



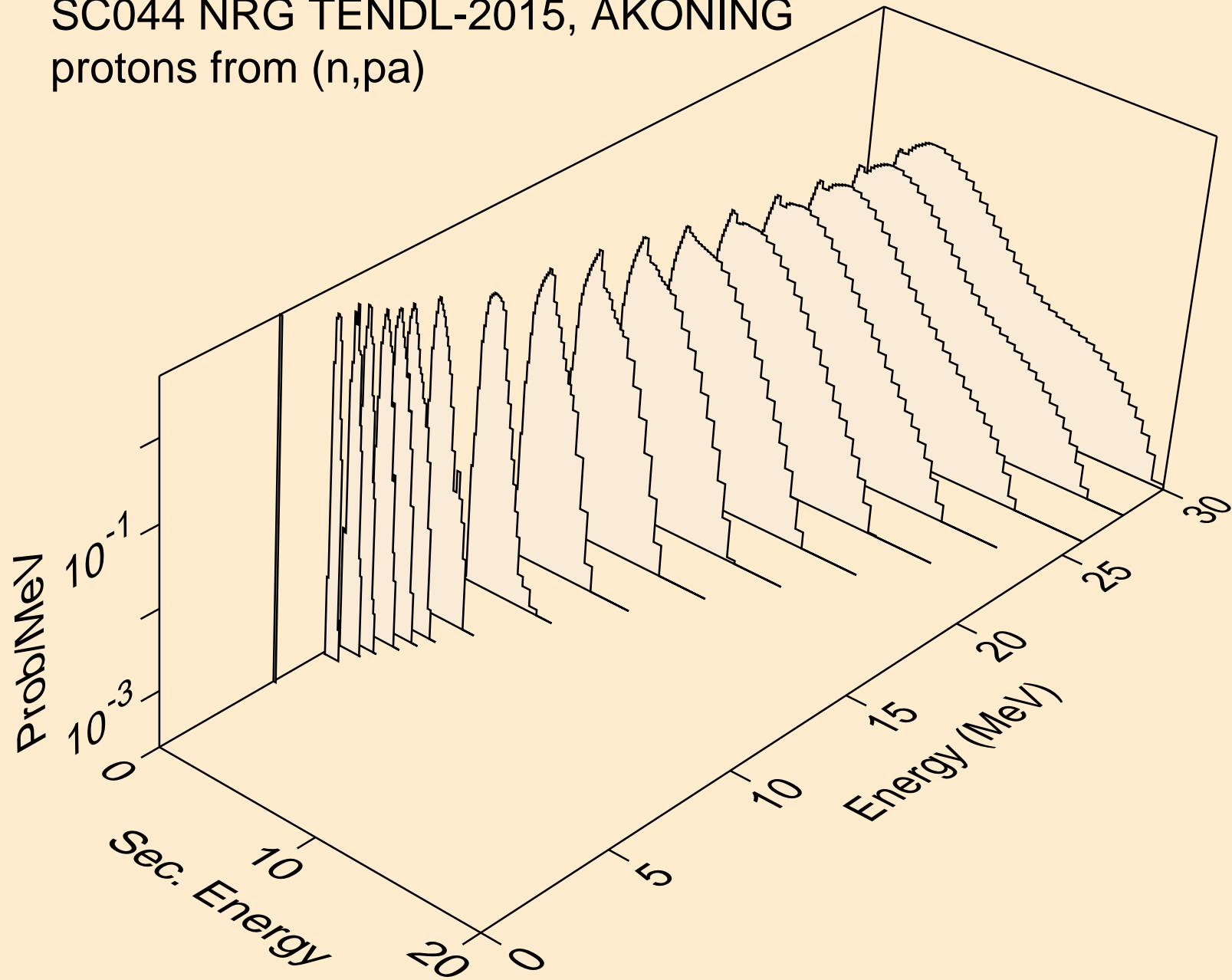
SC044 NRG TENDL-2015, AKONING  
protons from (n,p)



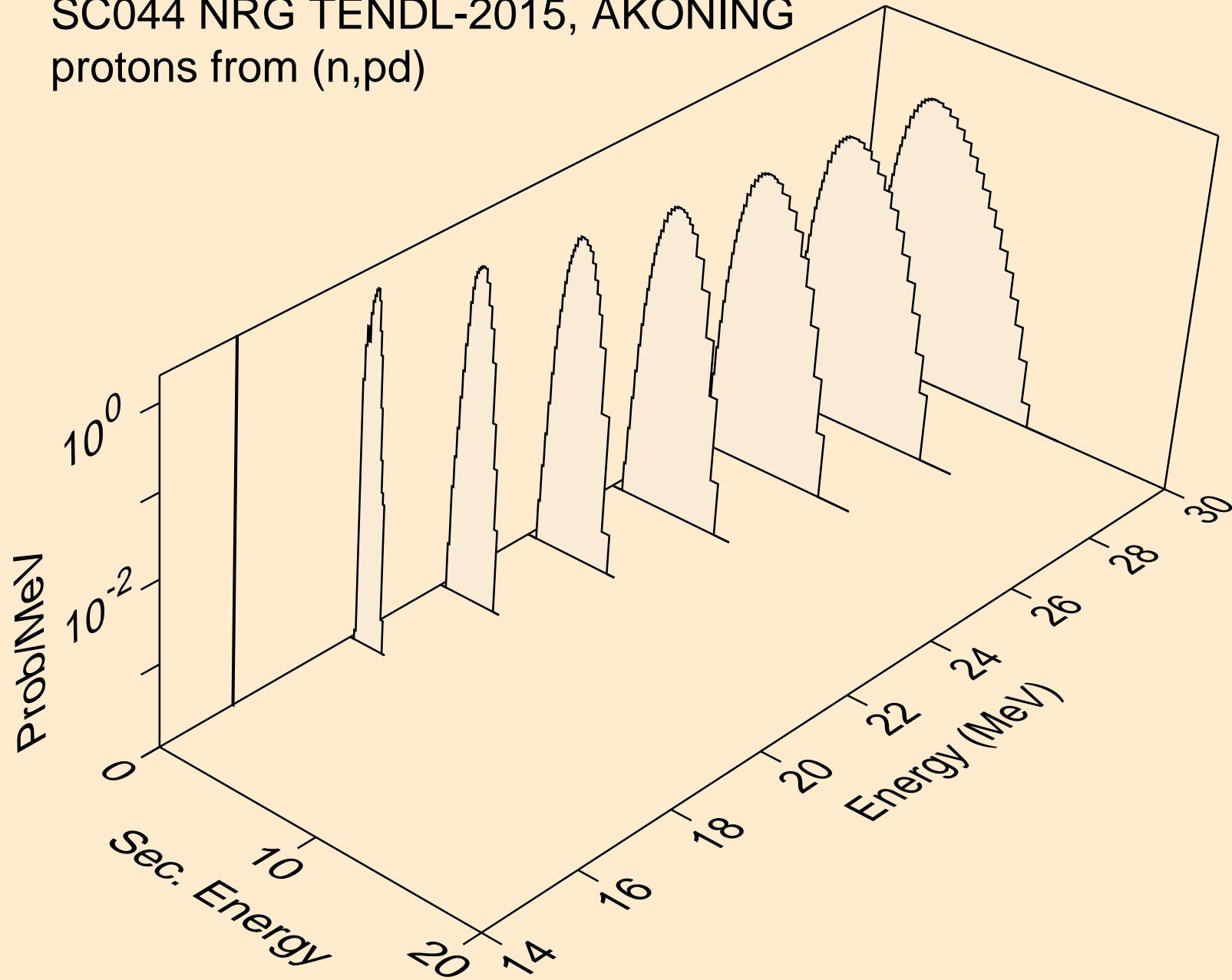
SC044 NRG TENDL-2015, AKONING  
protons from (n,2p)



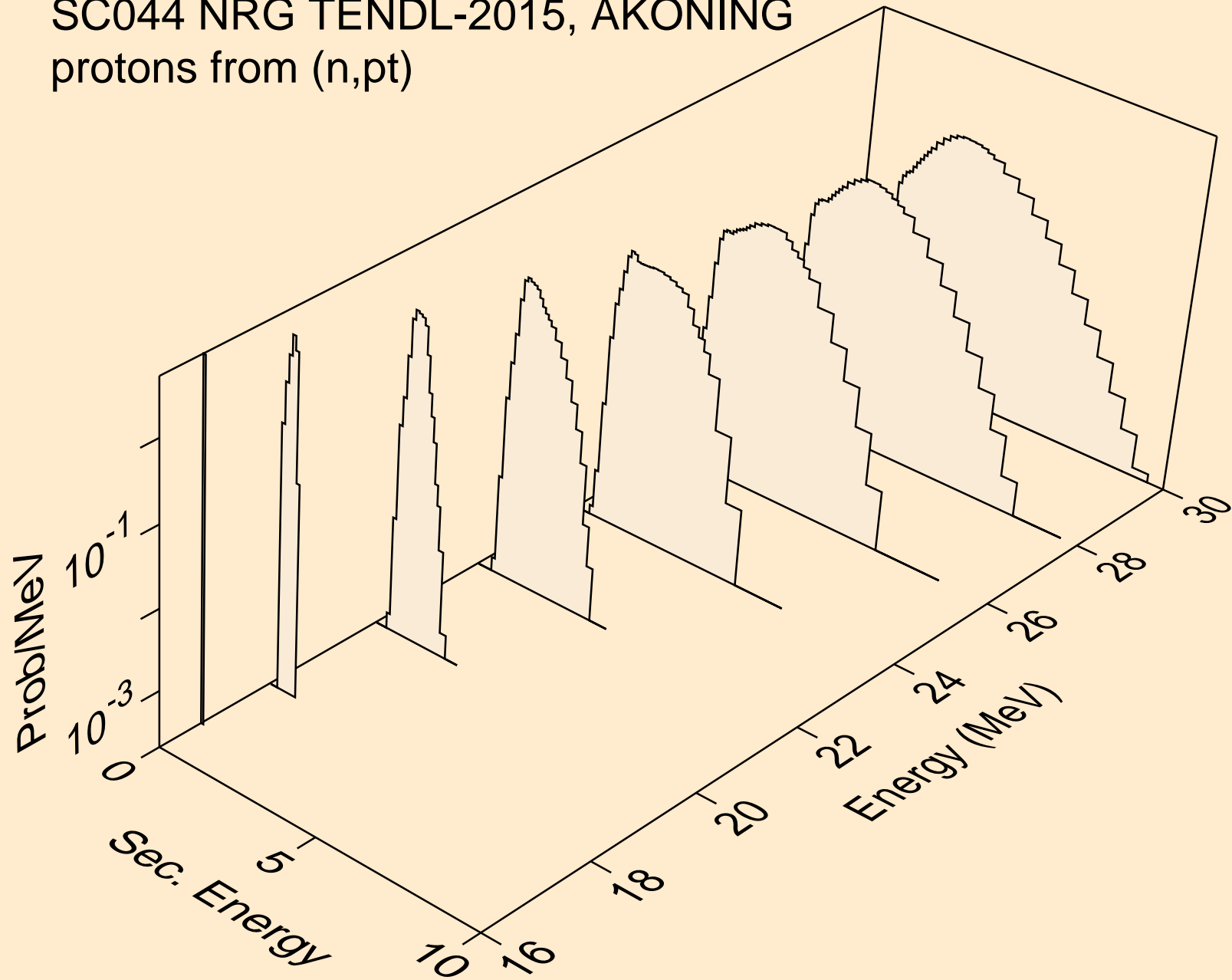
SC044 NRG TENDL-2015, AKONING  
protons from (n,pa)



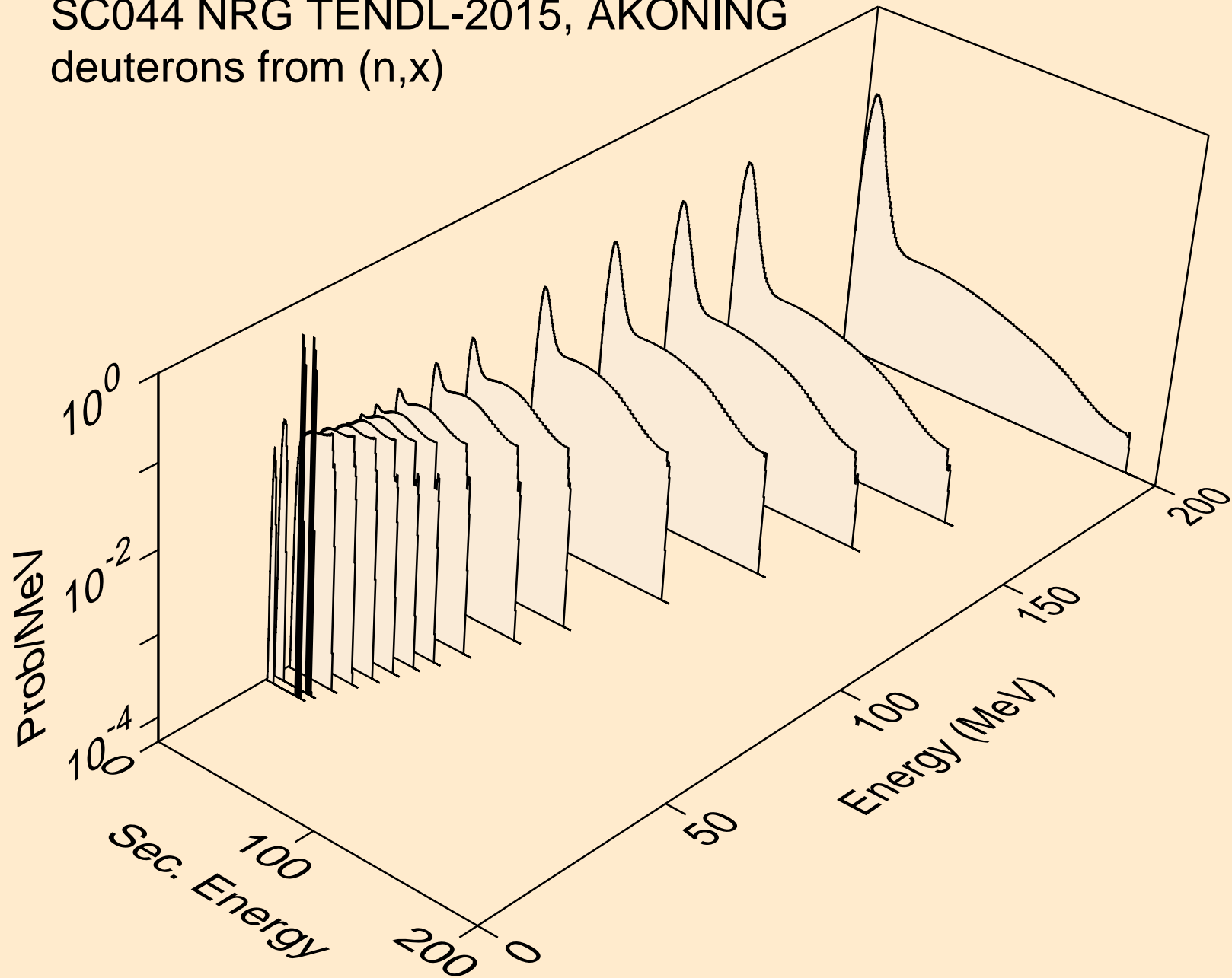
SC044 NRG TENDL-2015, AKONING  
protons from (n,pd)



SC044 NRG TENDL-2015, AKONING  
protons from (n,pt)

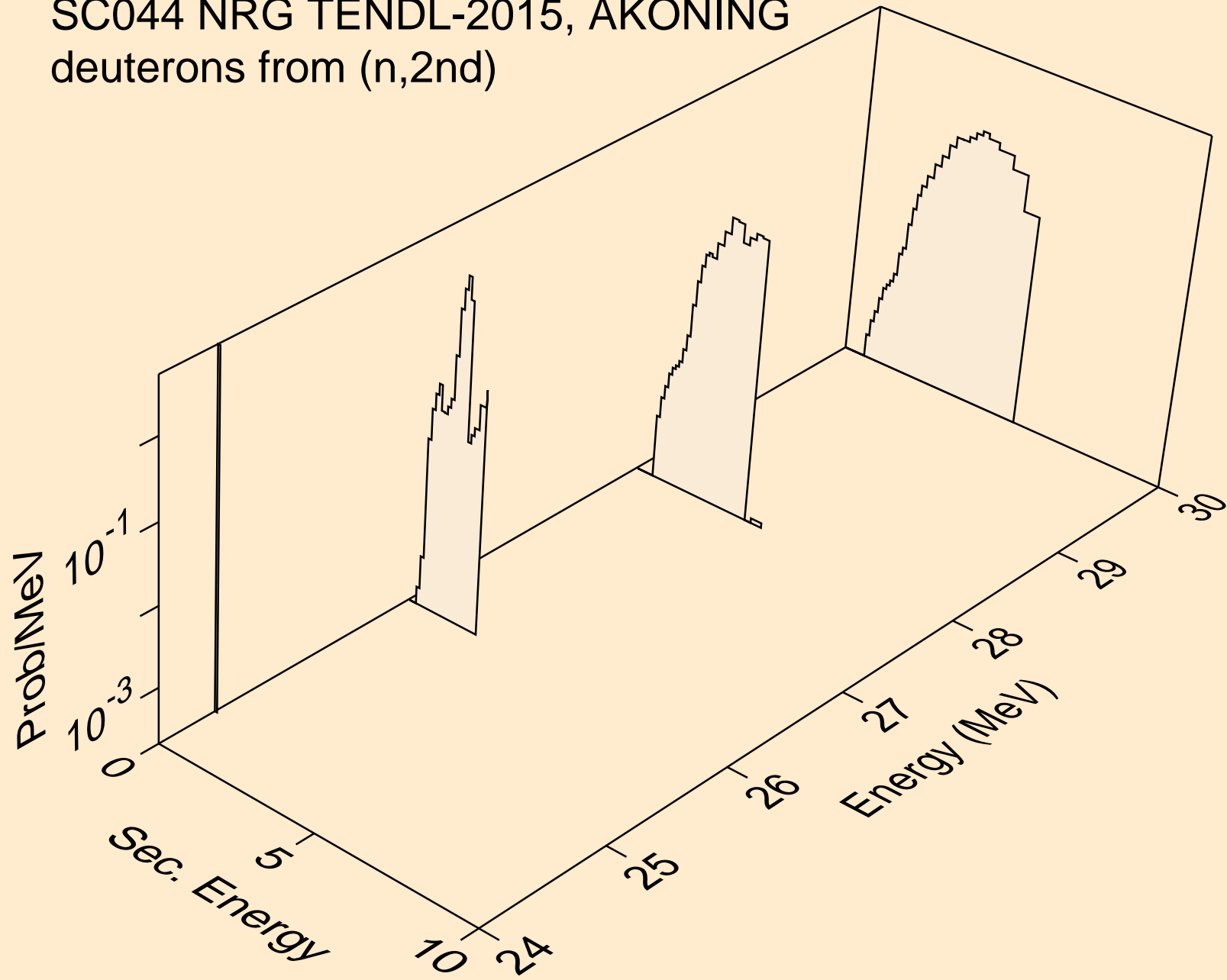


SC044 NRG TENDL-2015, AKONING  
deuterons from (n,x)

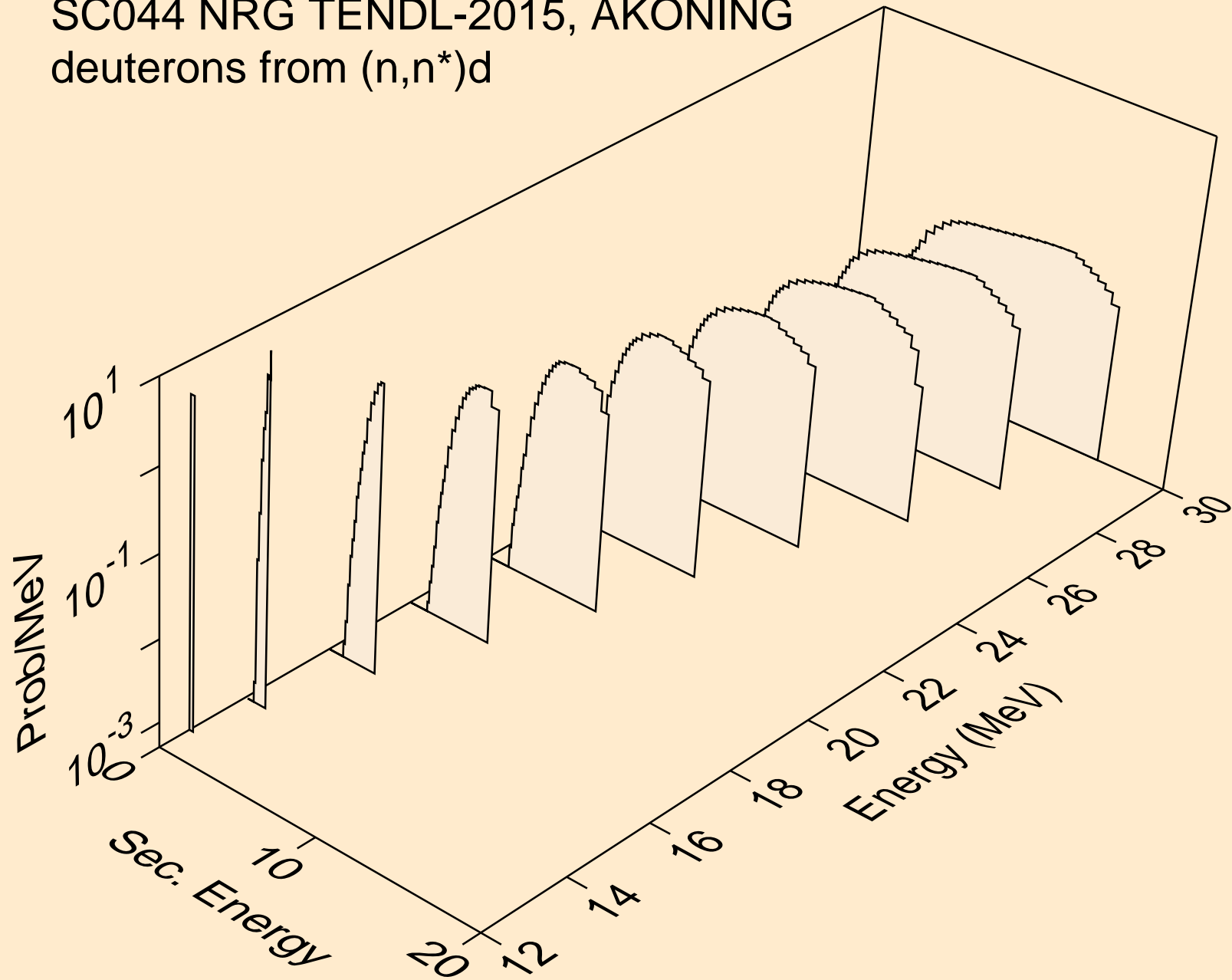




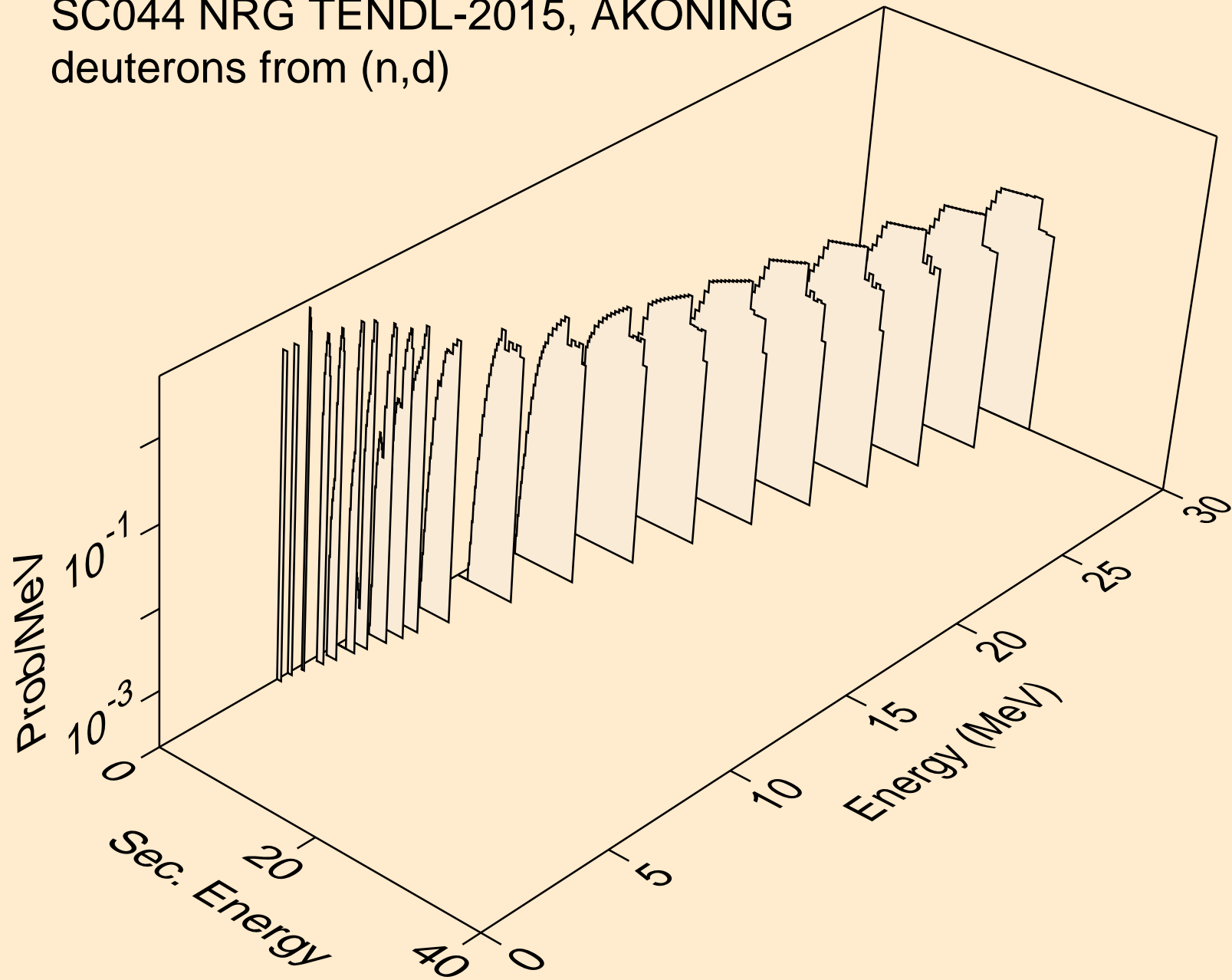
SC044 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



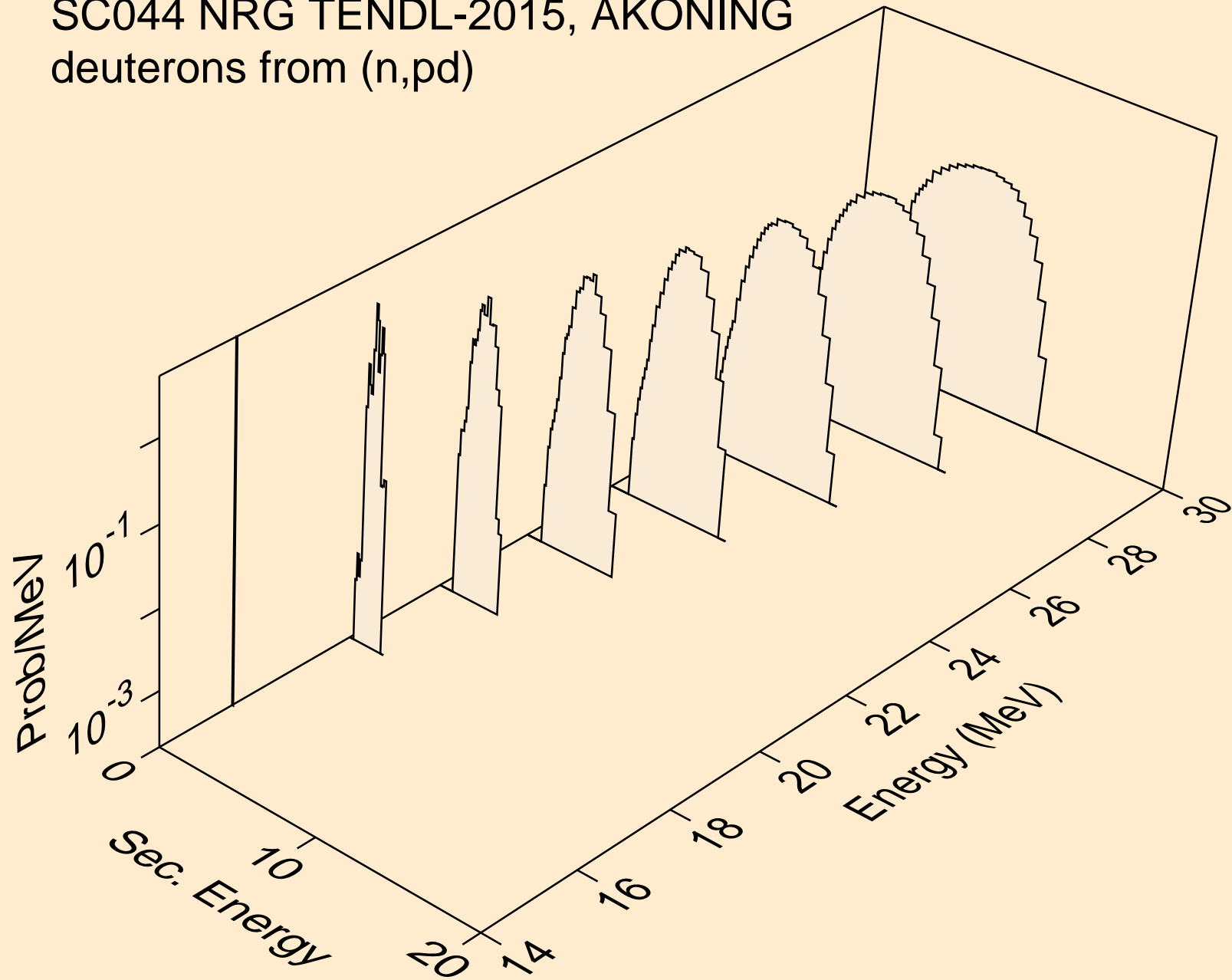
SC044 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



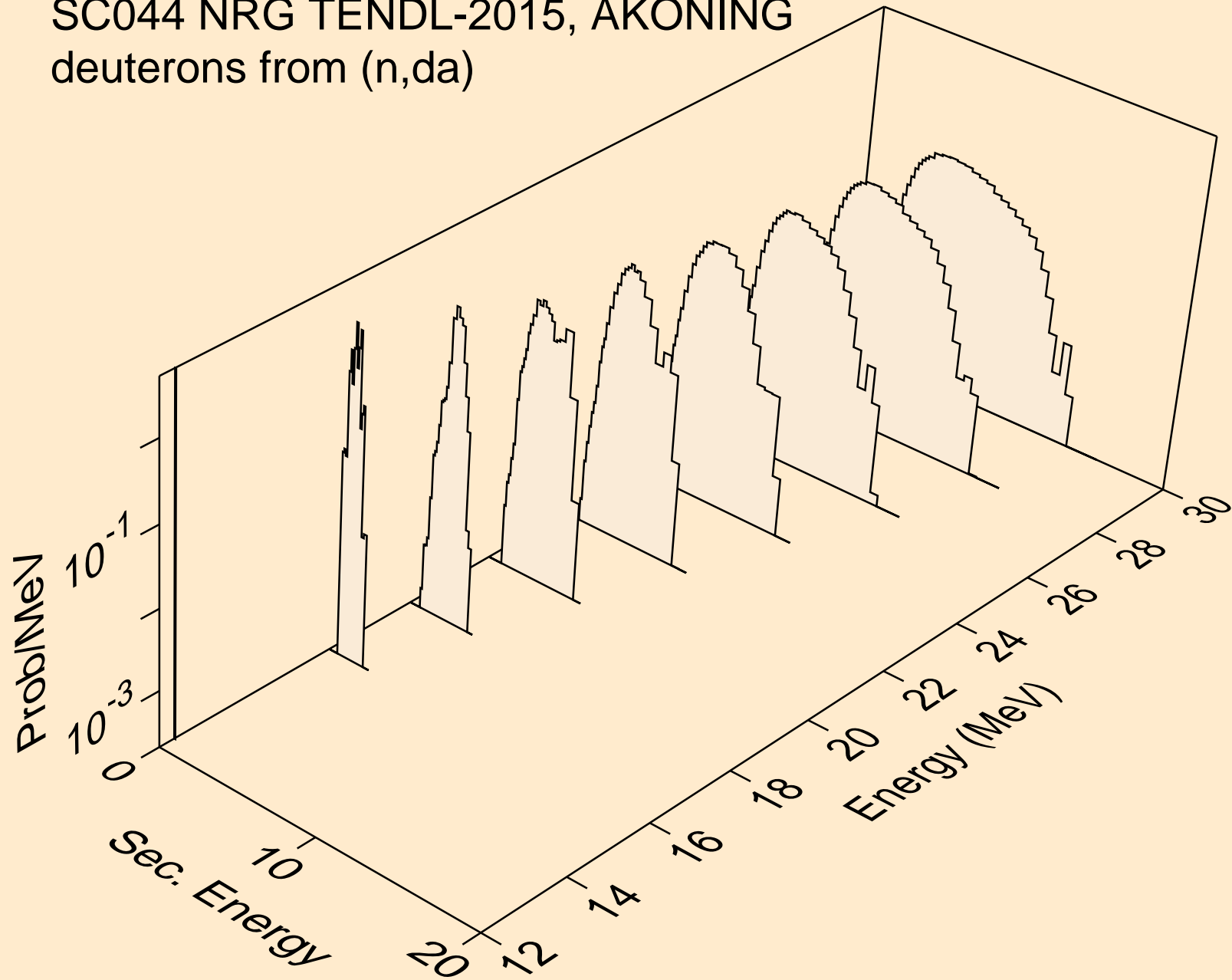
SC044 NRG TENDL-2015, AKONING  
deuterons from (n,d)



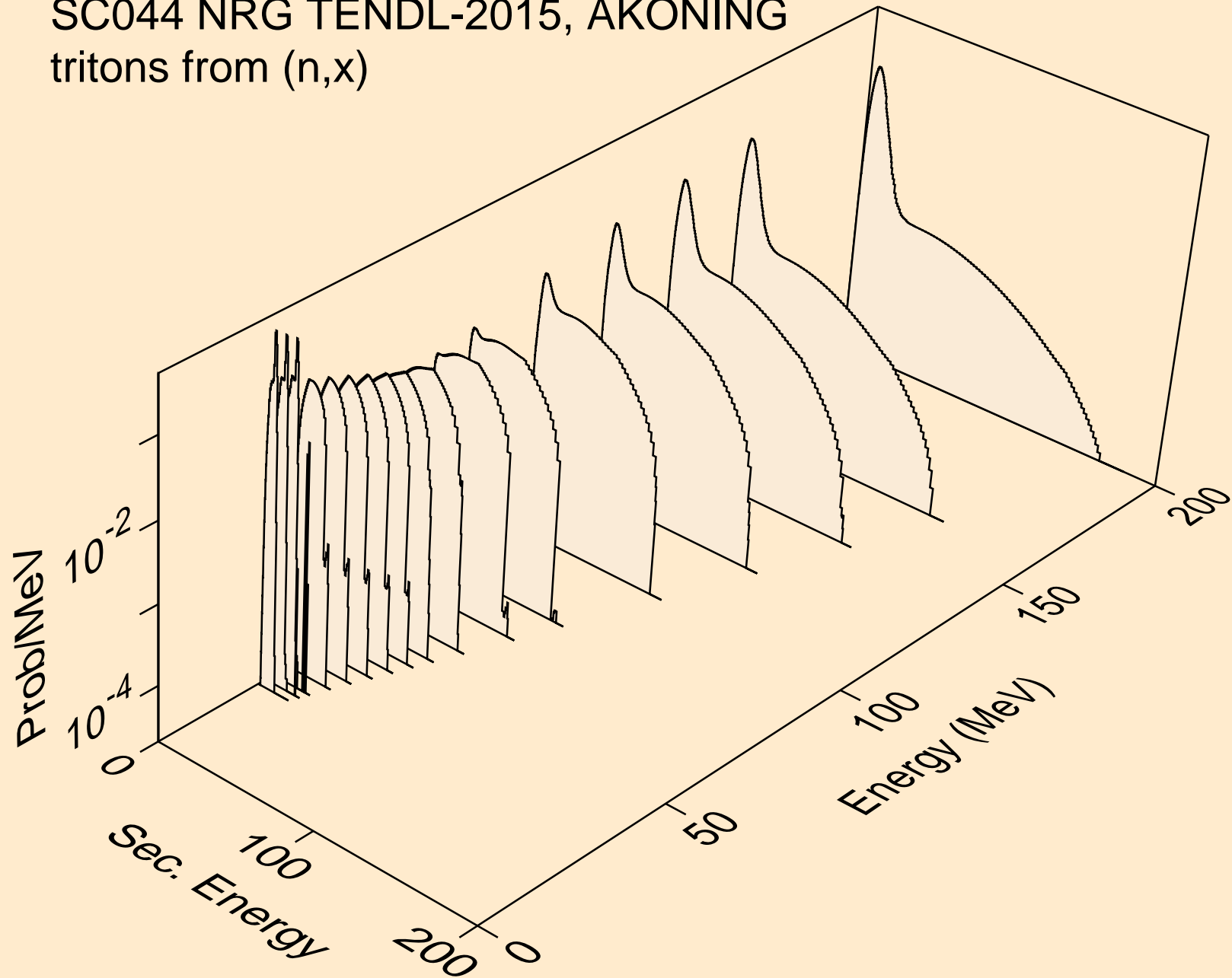
SC044 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



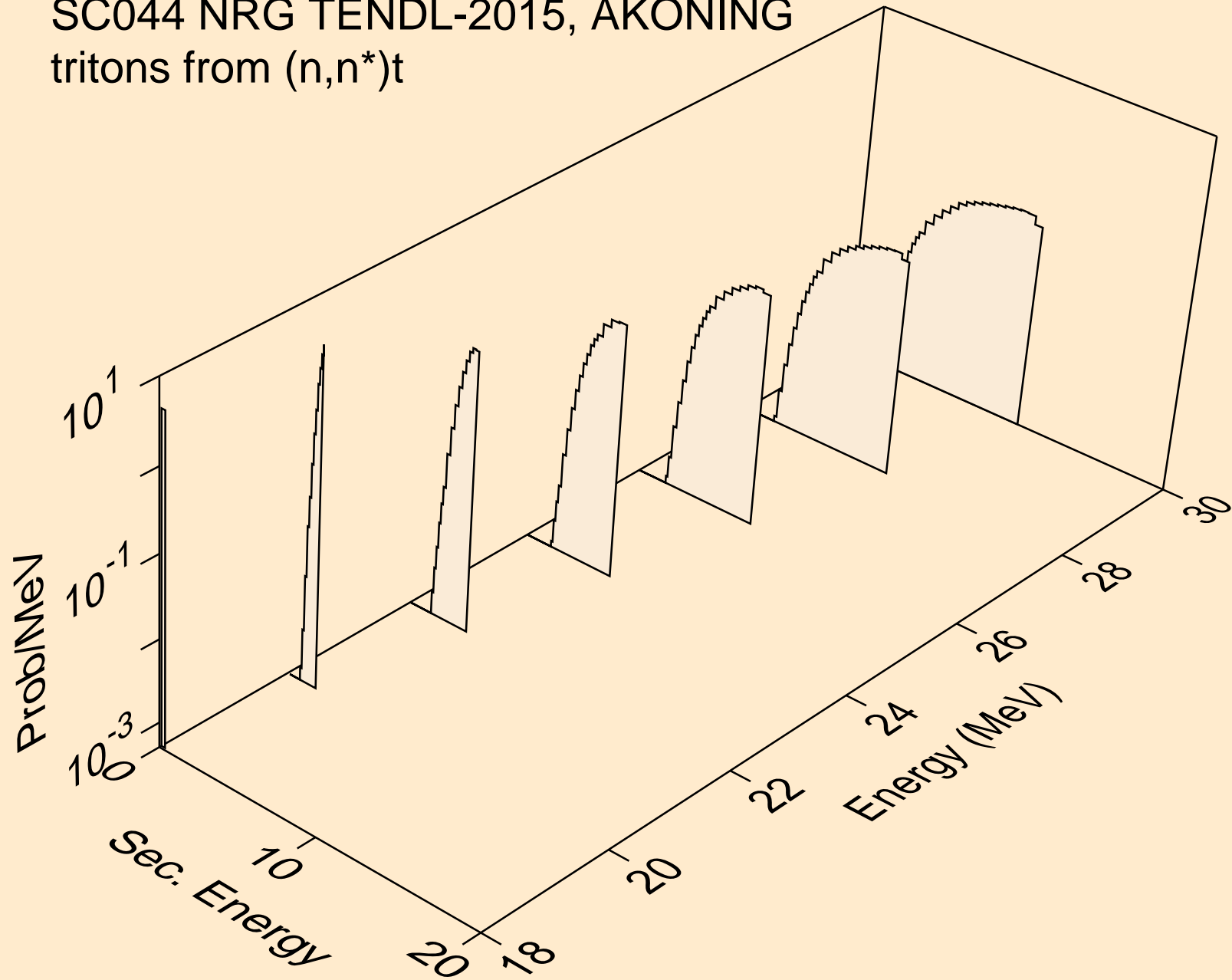
SC044 NRG TENDL-2015, AKONING  
deuterons from (n,da)



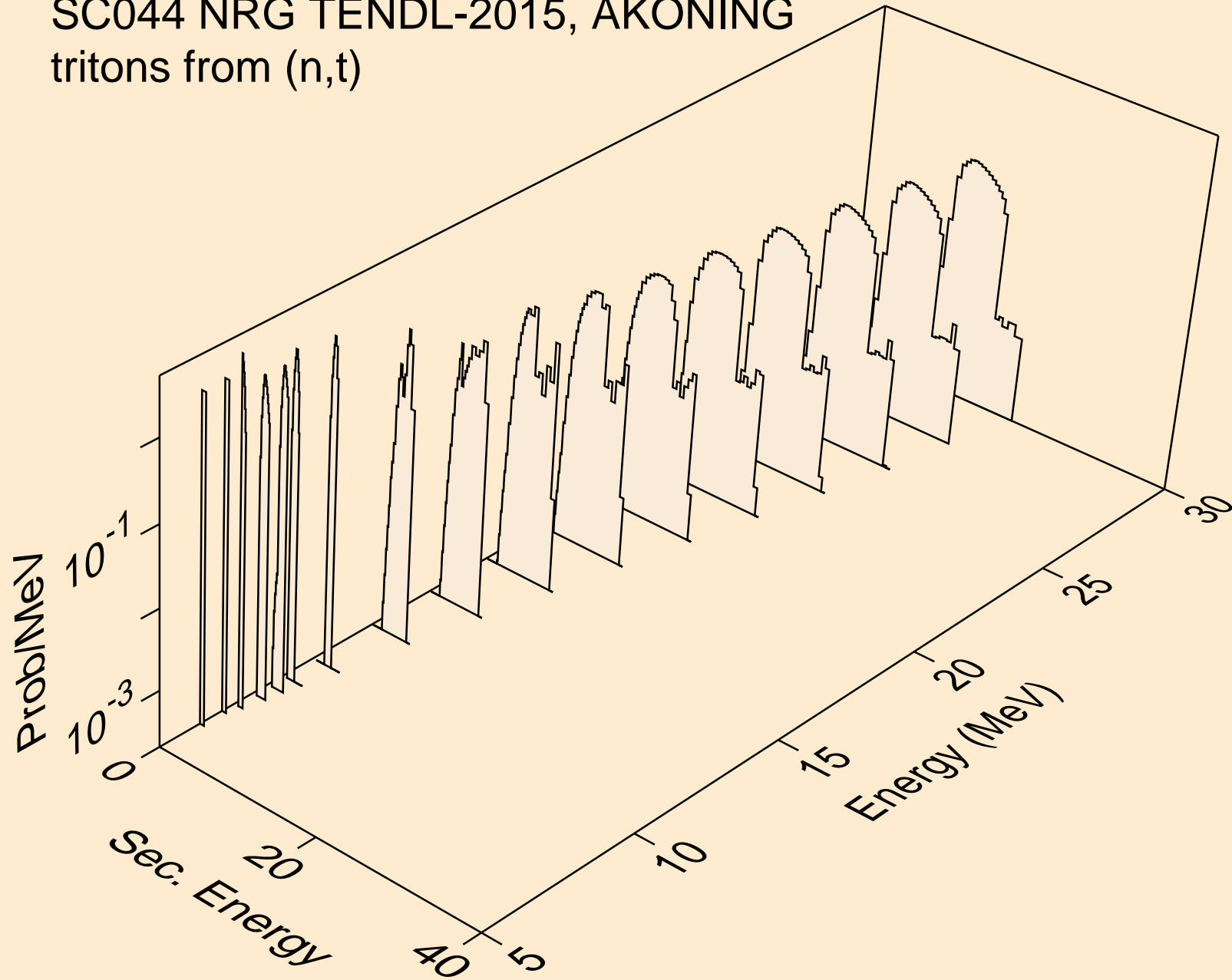
SC044 NRG TENDL-2015, AKONING  
tritons from (n,x)



SC044 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

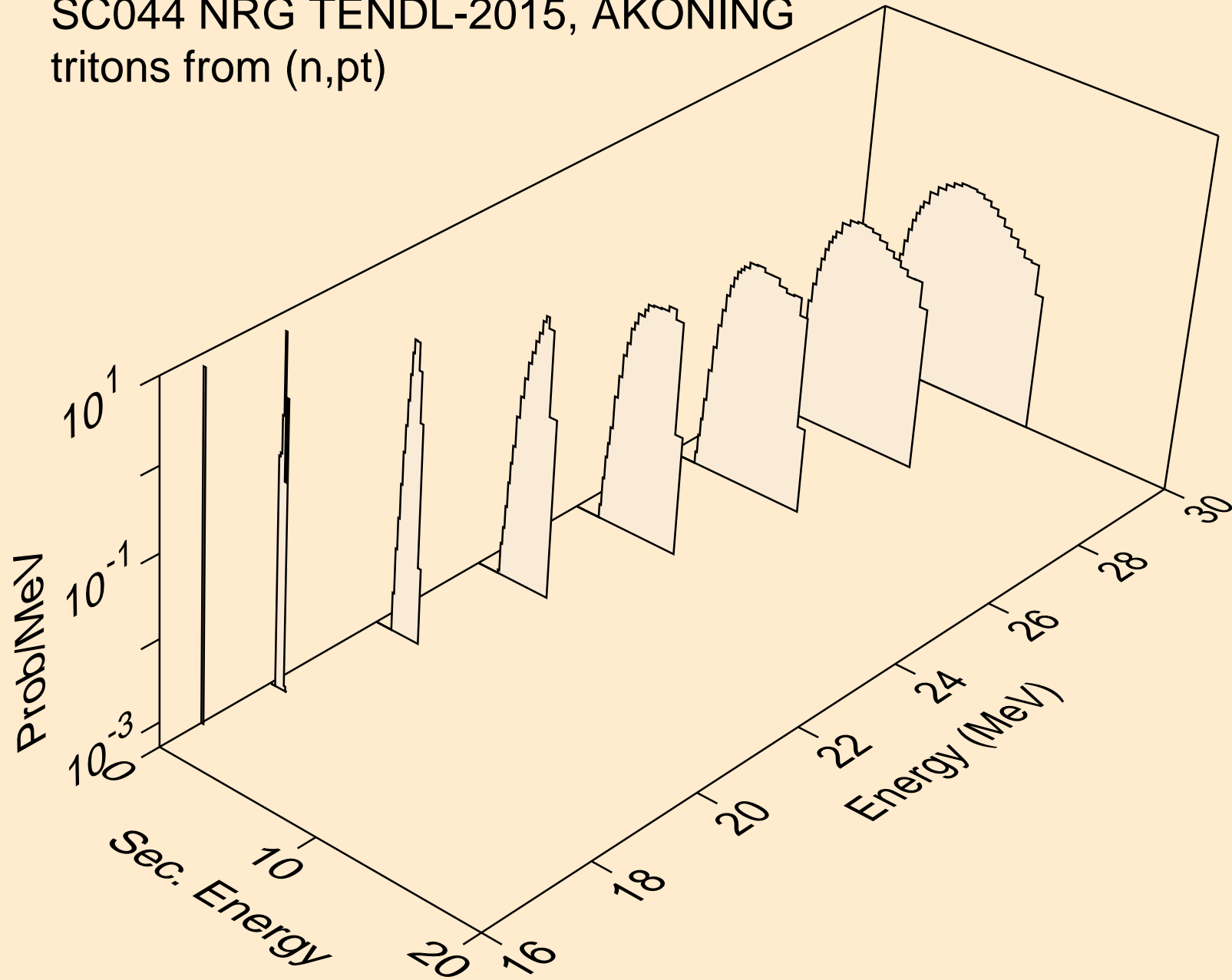


SC044 NRG TENDL-2015, AKONING  
tritons from (n,t)

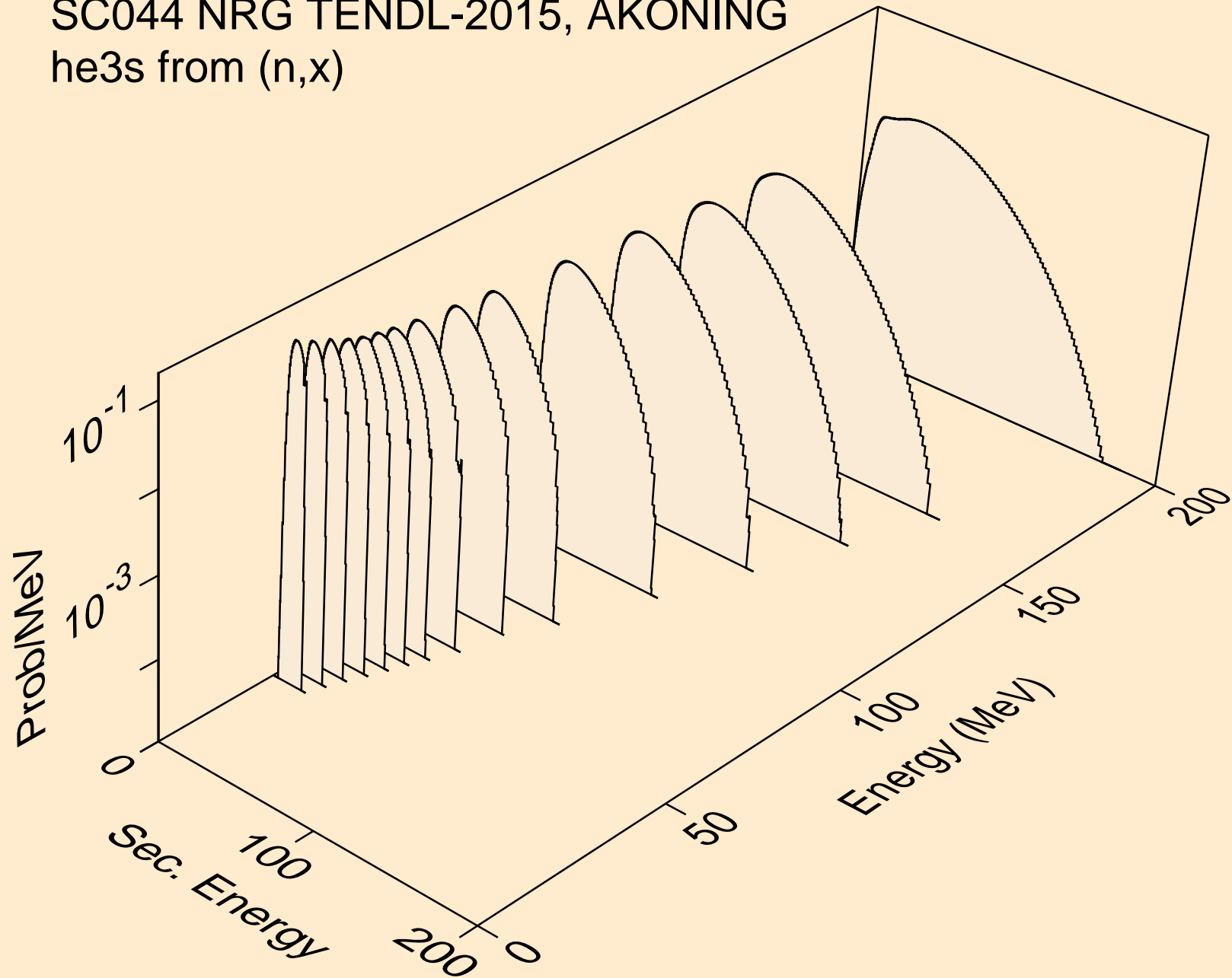




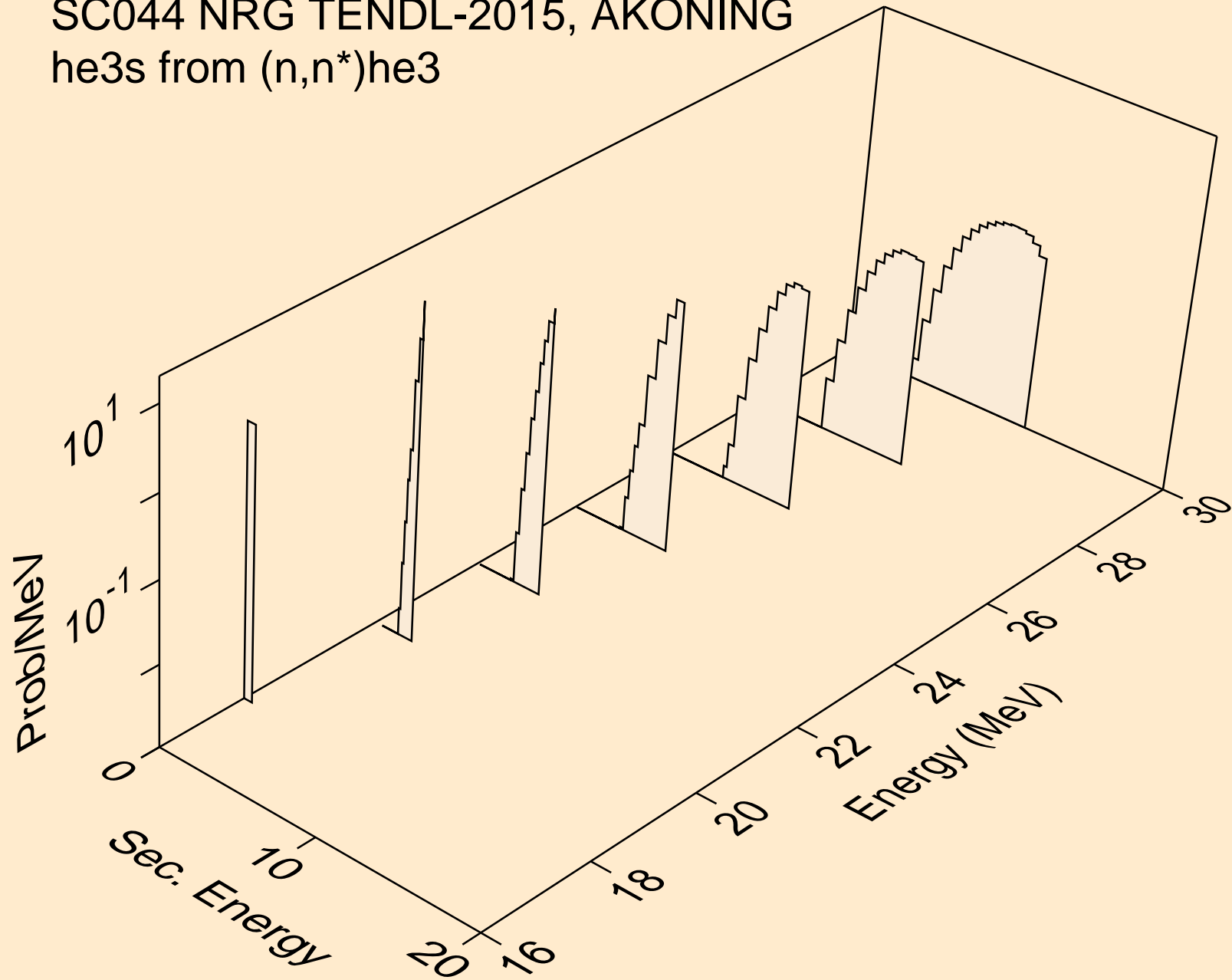
SC044 NRG TENDL-2015, AKONING  
tritons from (n,pt)



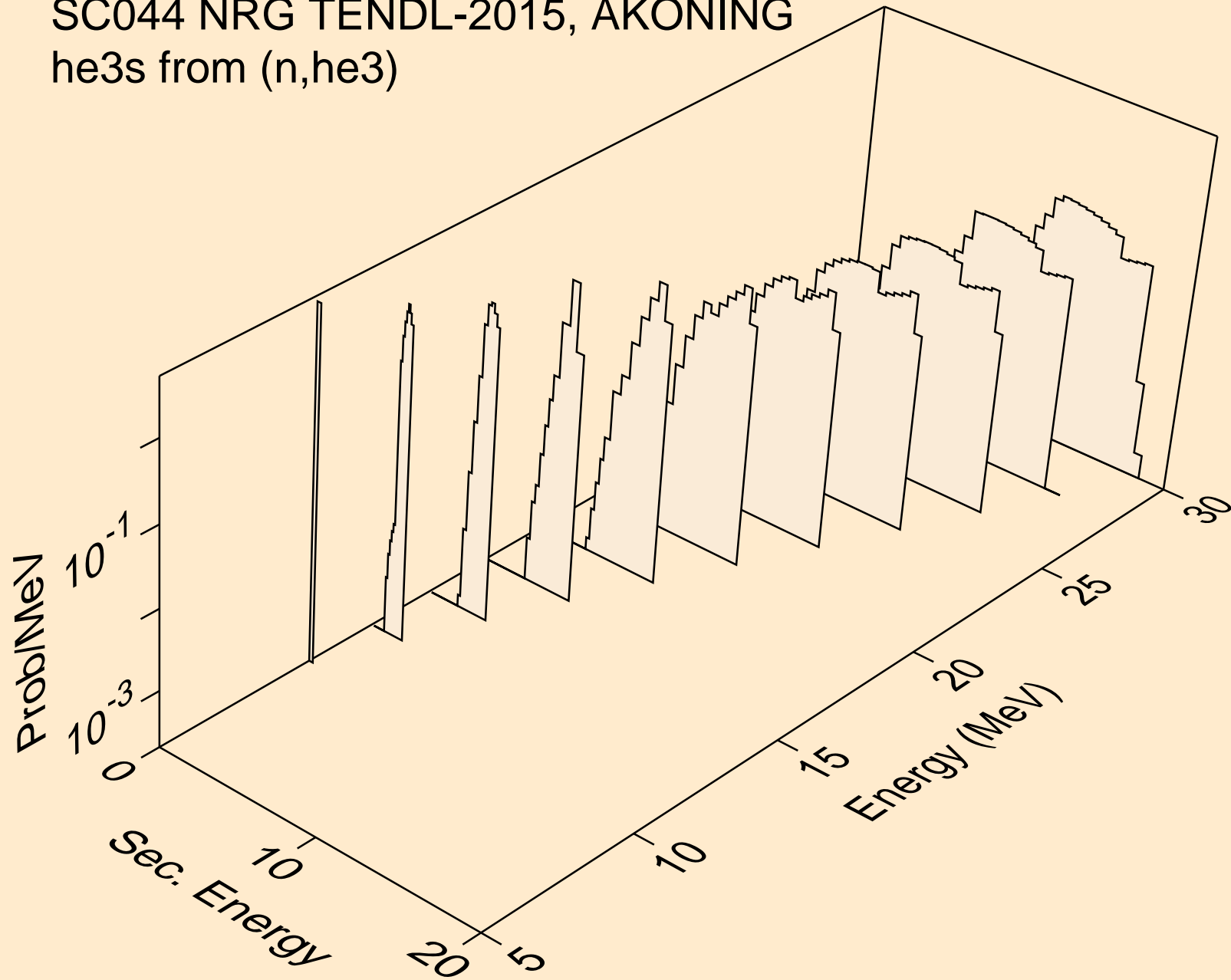
SC044 NRG TENDL-2015, AKONING  
he3s from (n,x)



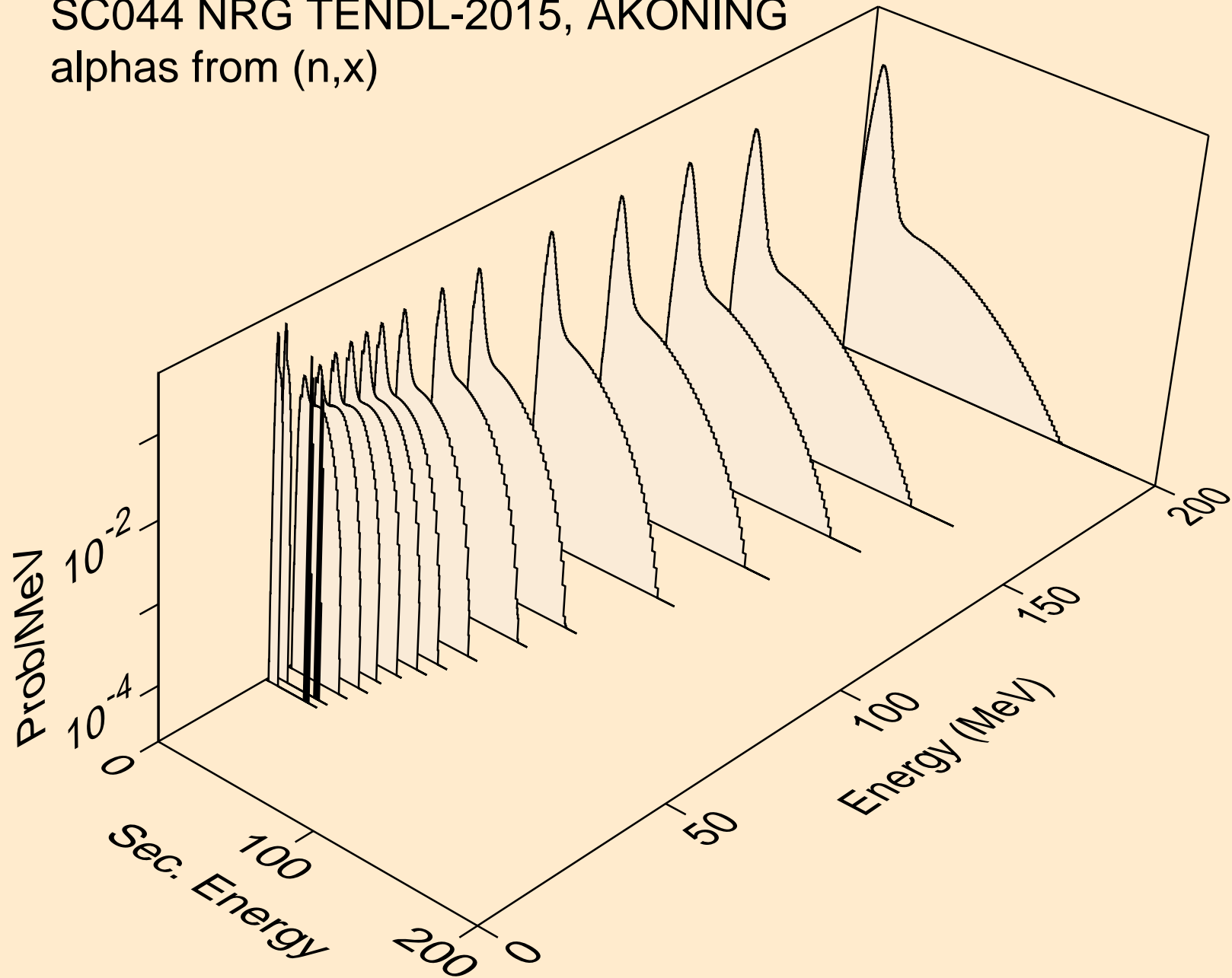
SC044 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



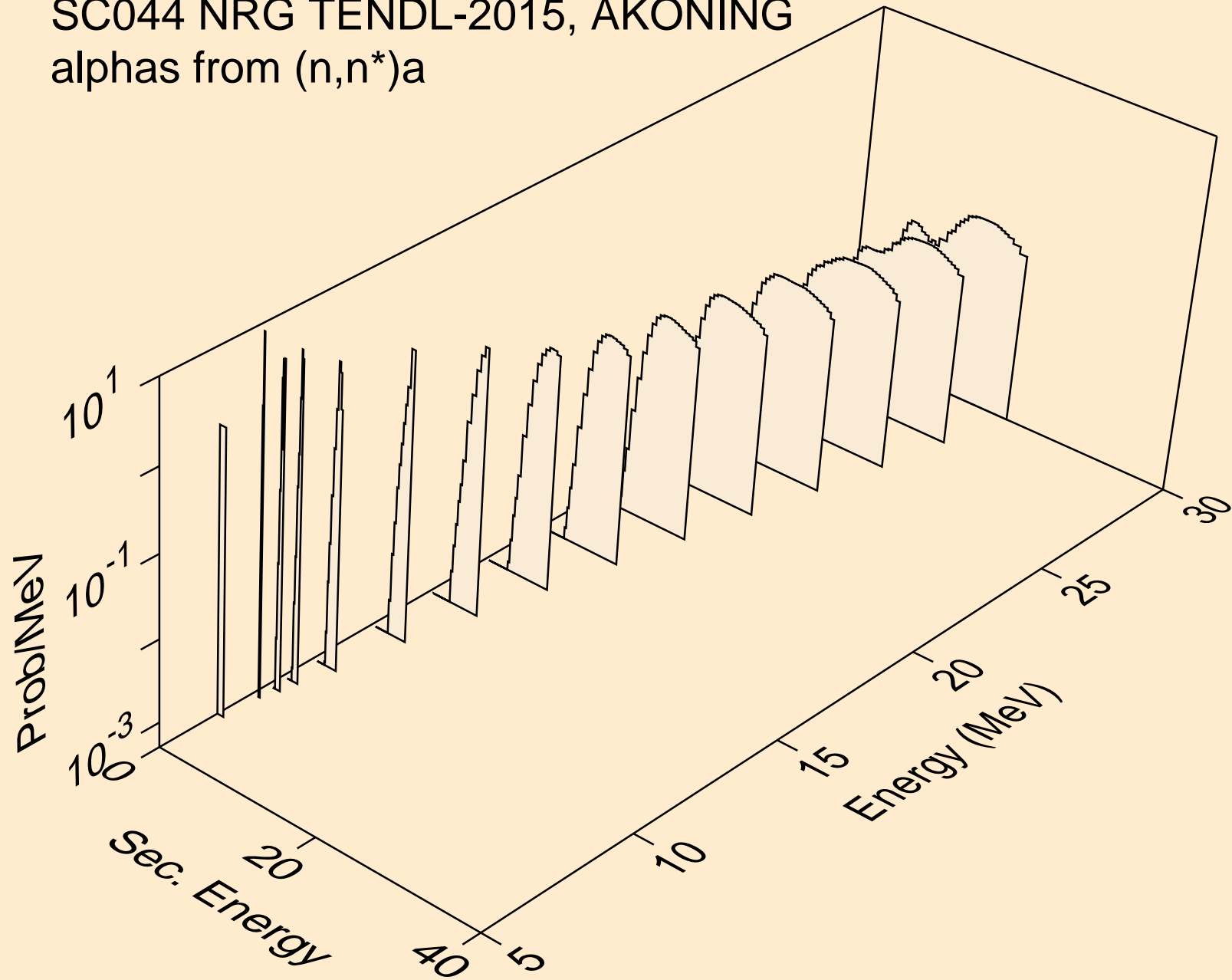
SC044 NRG TENDL-2015, AKONING  
he3s from (n,he3)



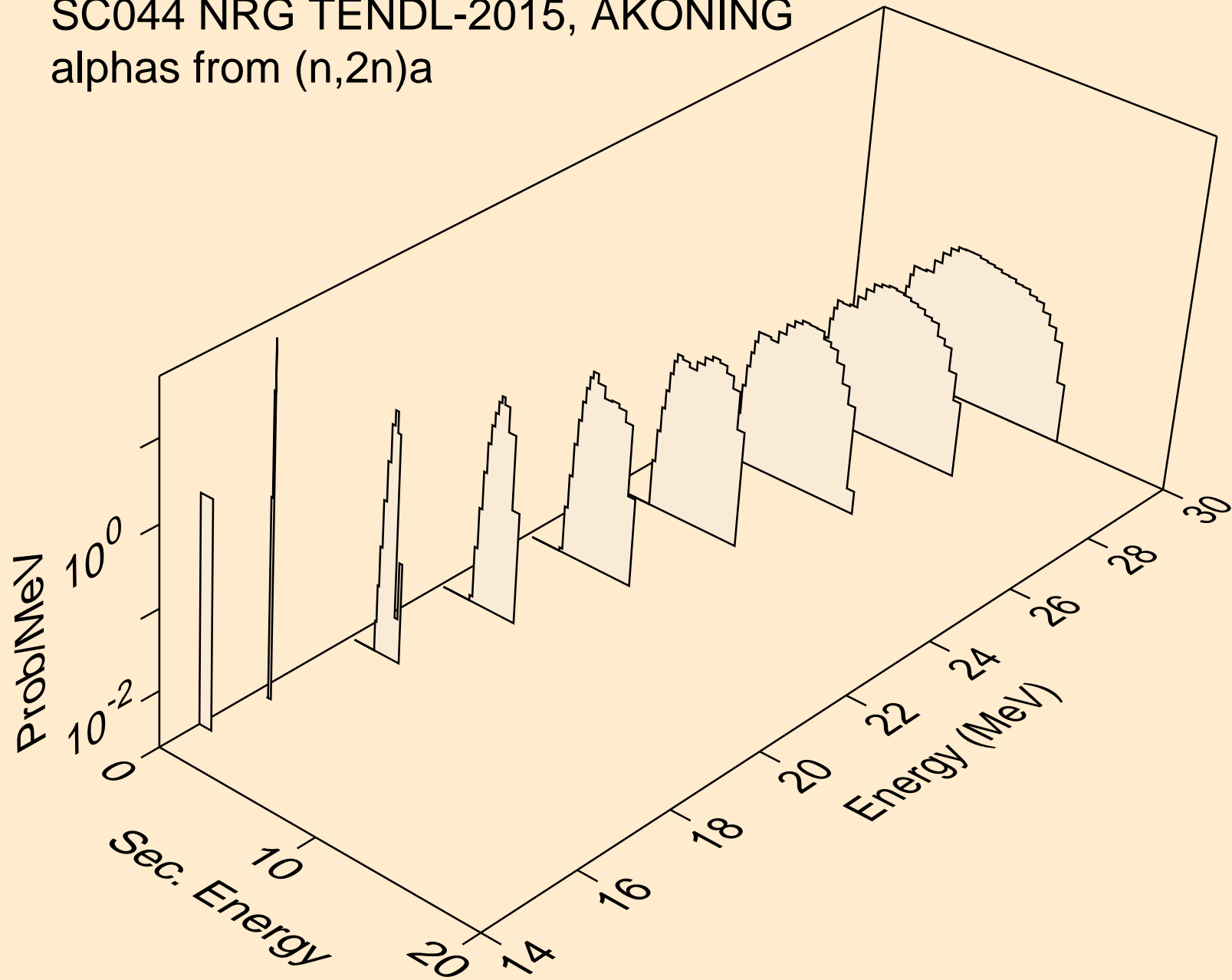
SC044 NRG TENDL-2015, AKONING  
alphas from (n,x)



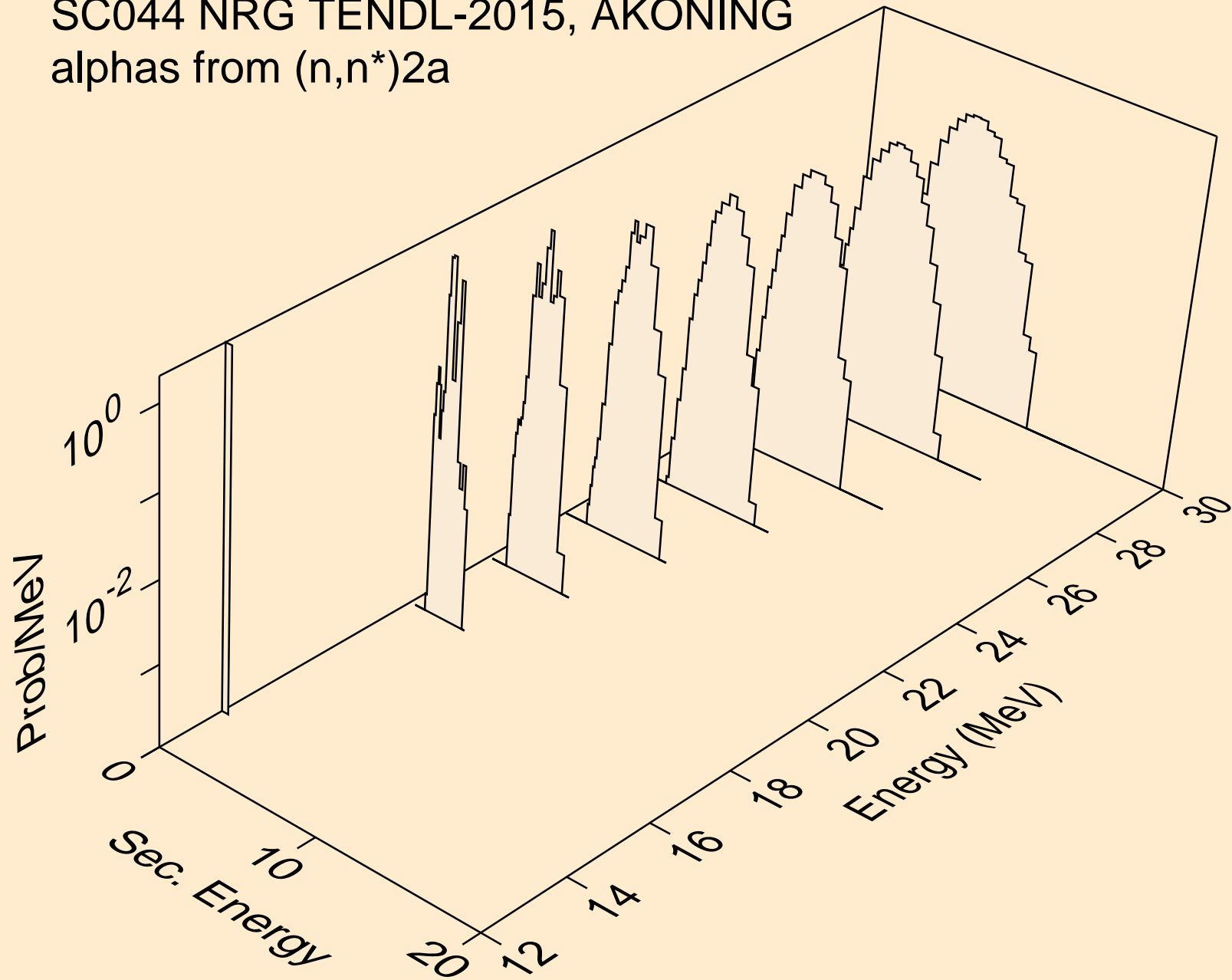
SC044 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



SC044 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

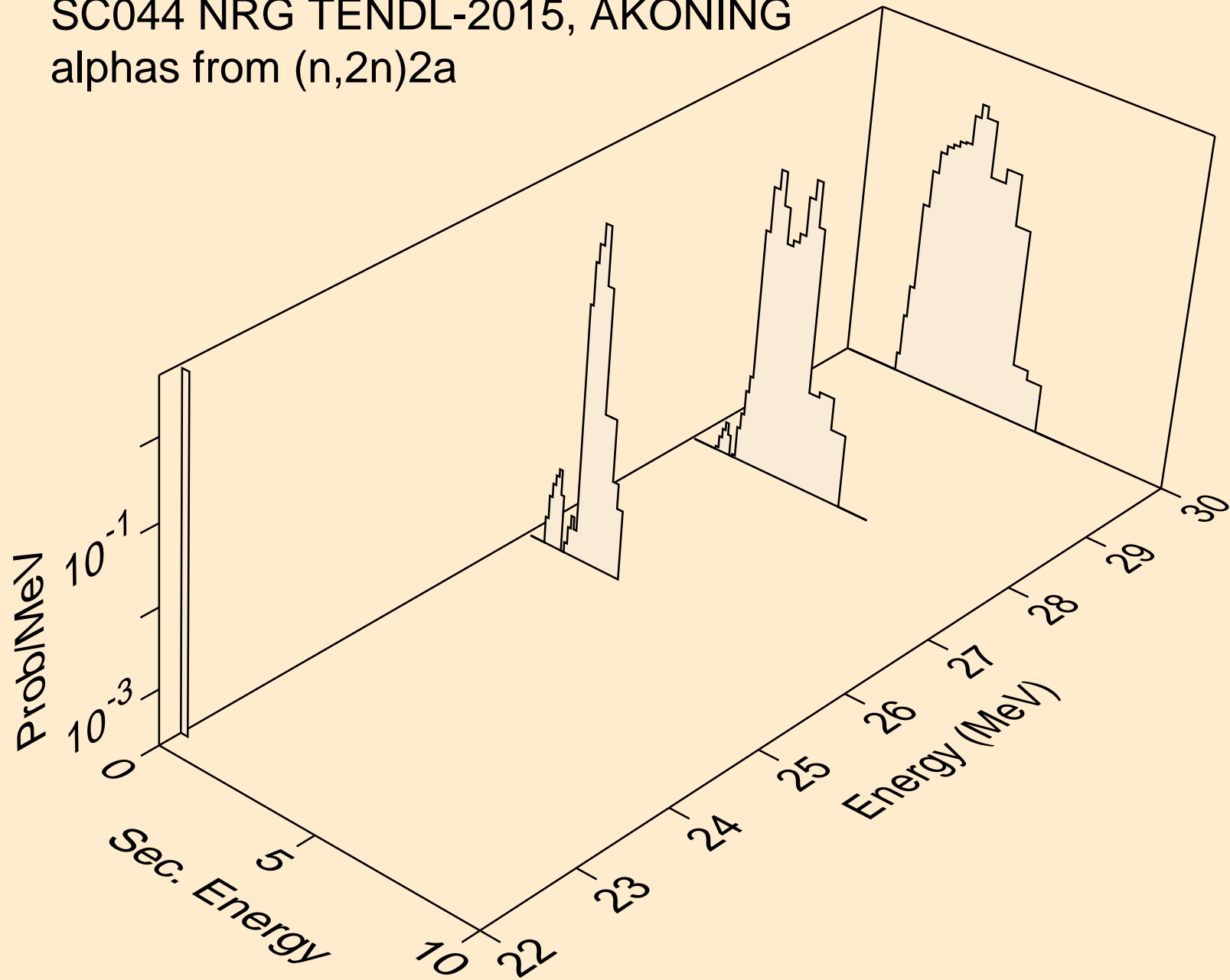


SC044 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

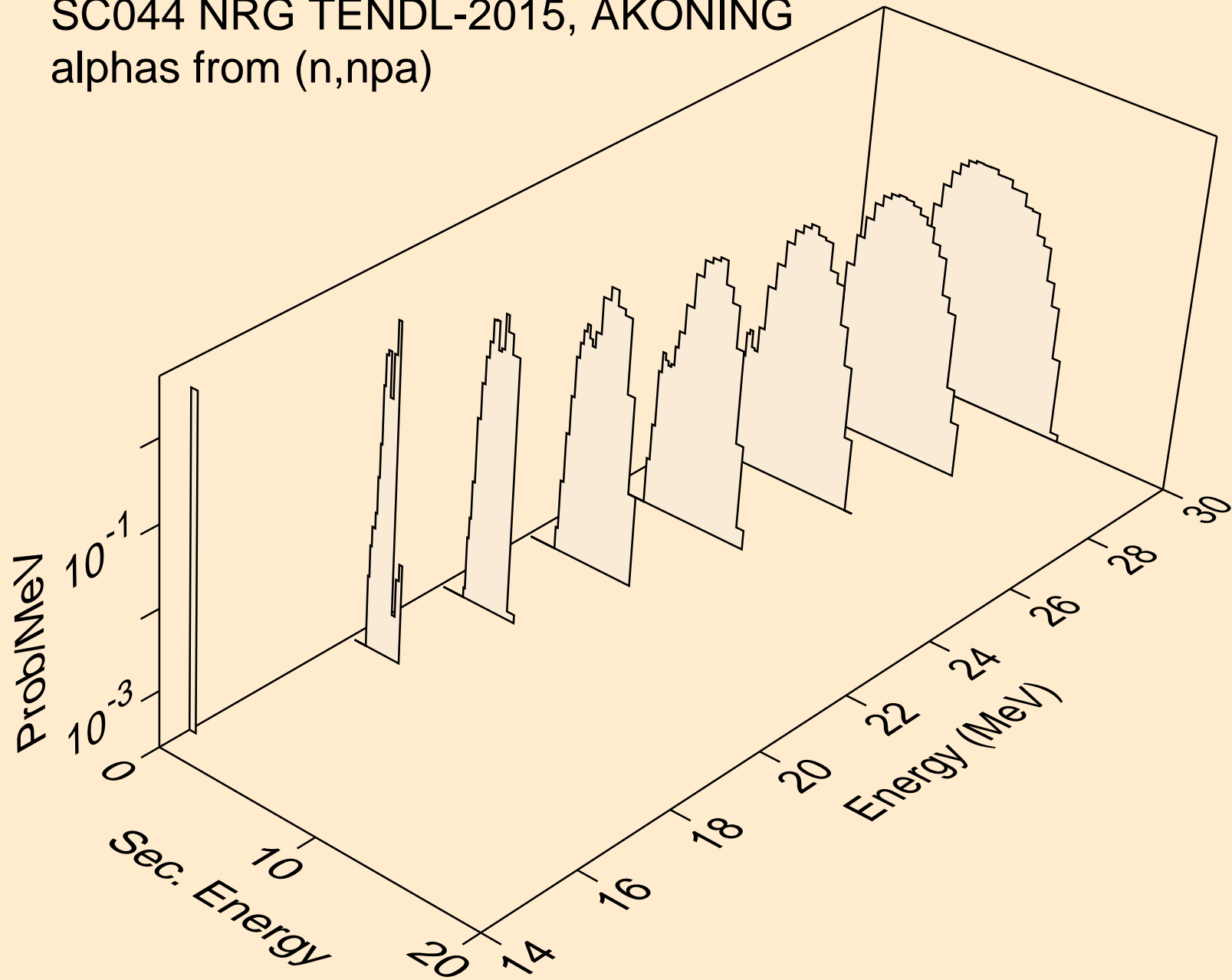




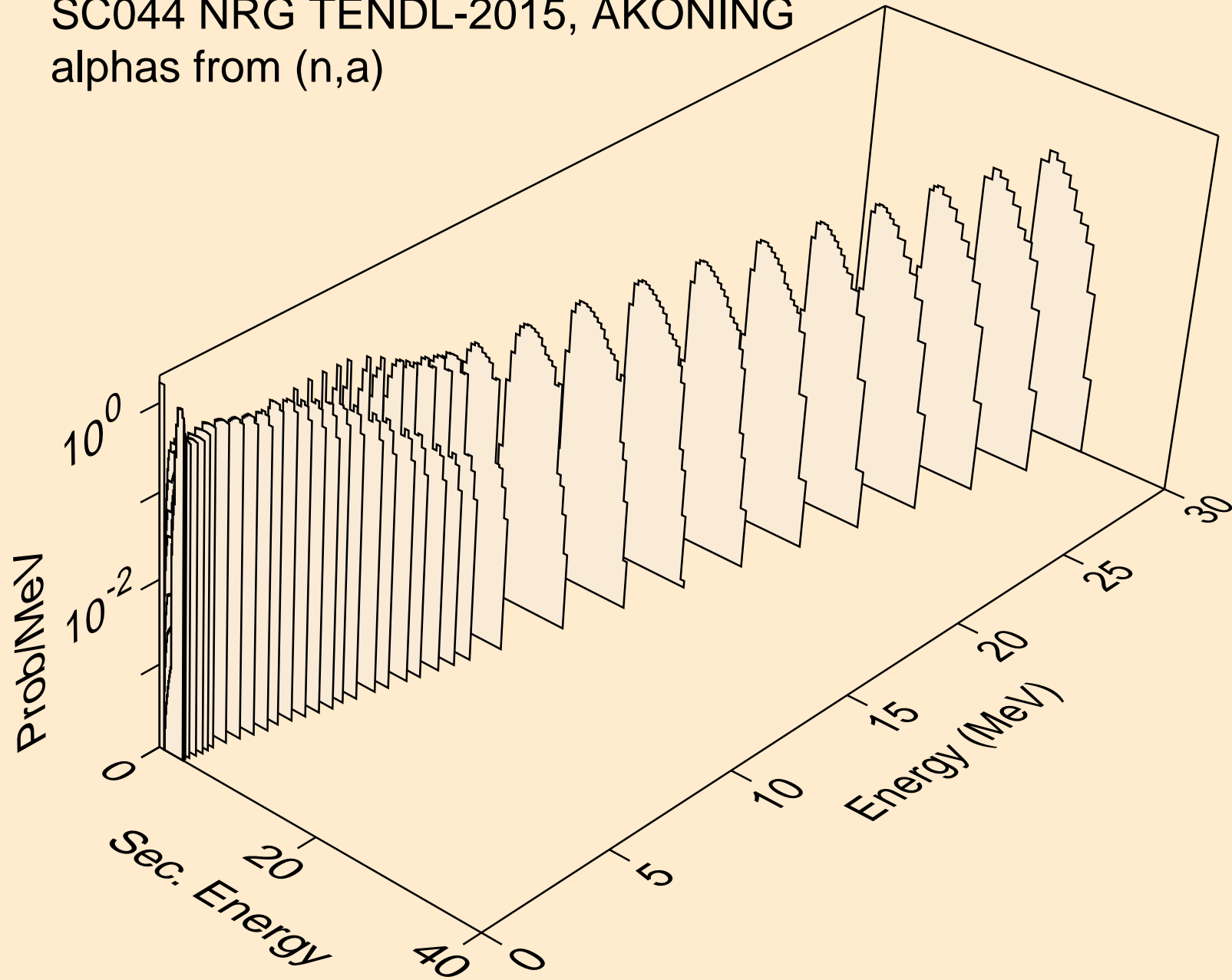
SC044 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



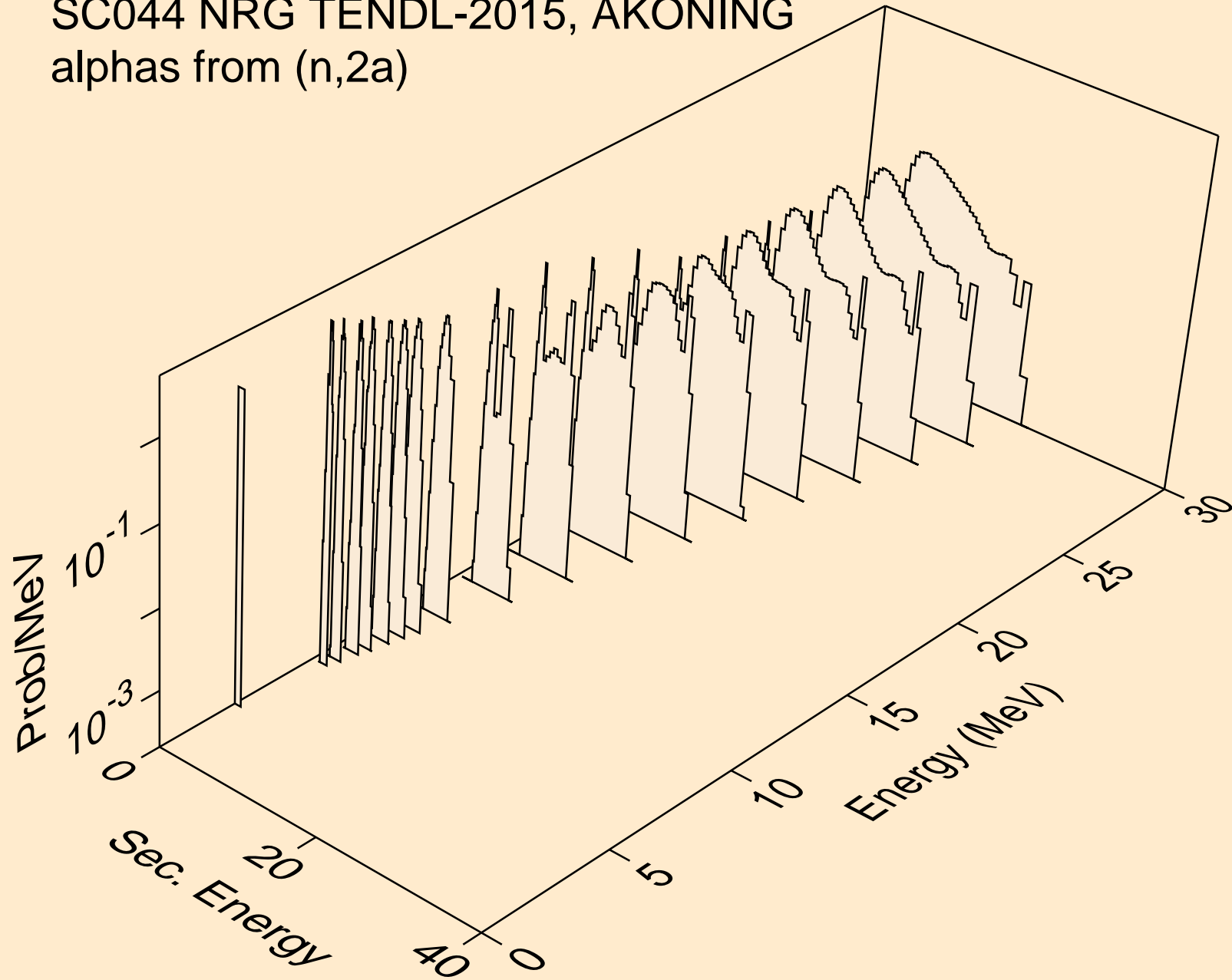
SC044 NRG TENDL-2015, AKONING  
alphas from (n,npa)



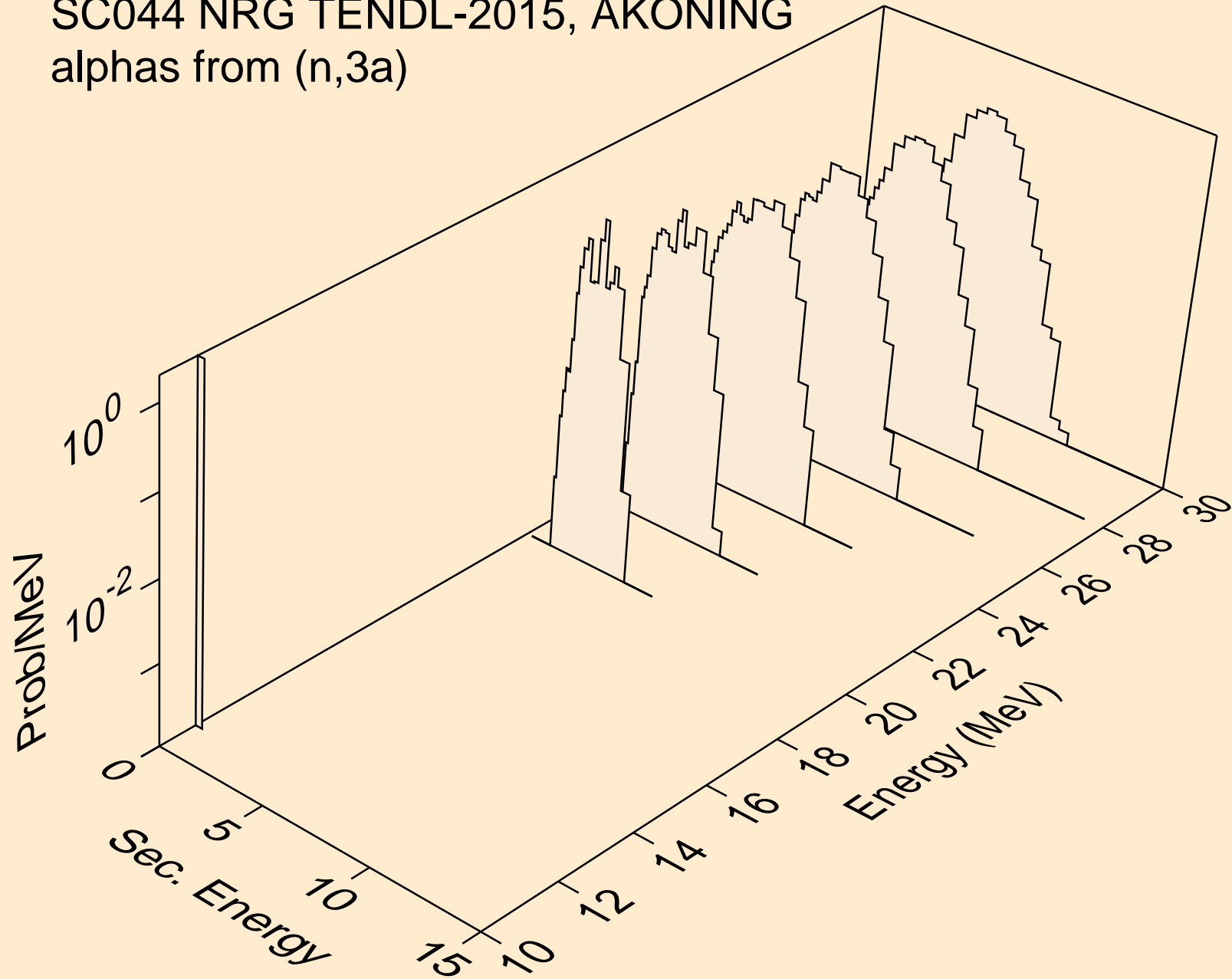
SC044 NRG TENDL-2015, AKONING  
alphas from (n,a)



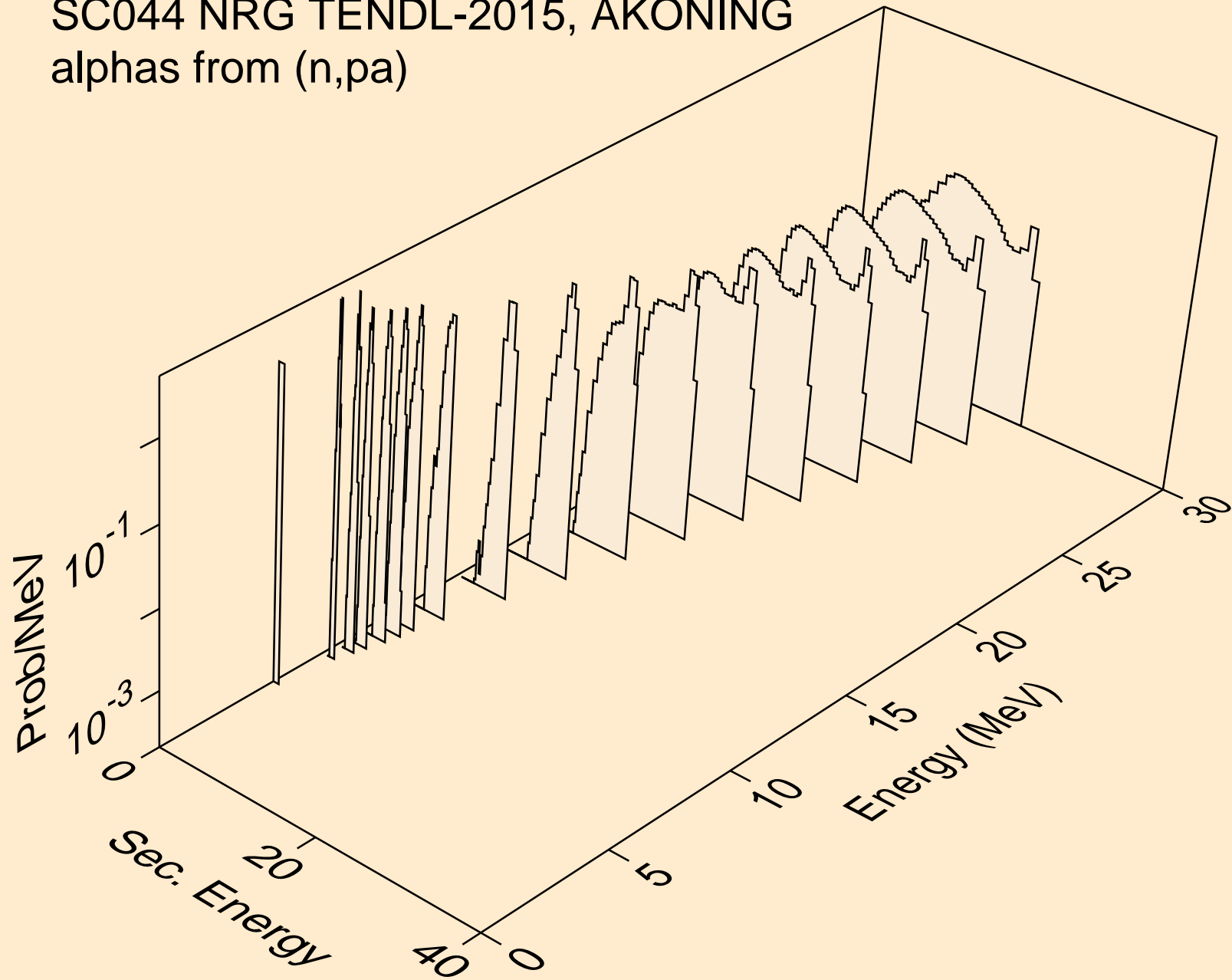
SC044 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SC044 NRG TENDL-2015, AKONING  
alphas from (n,3a)



SC044 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SC044 NRG TENDL-2015, AKONING  
alphas from (n,da)

