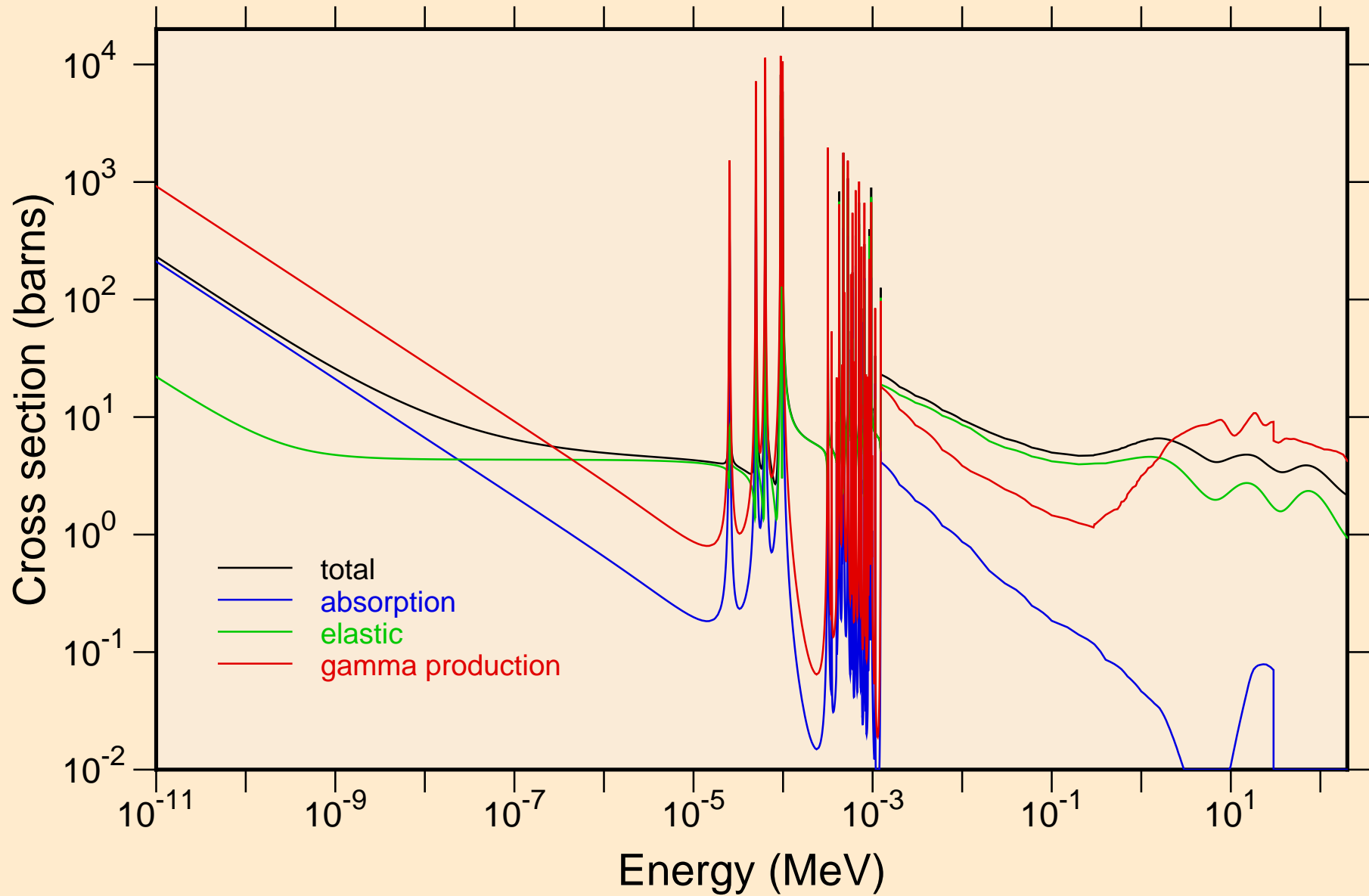
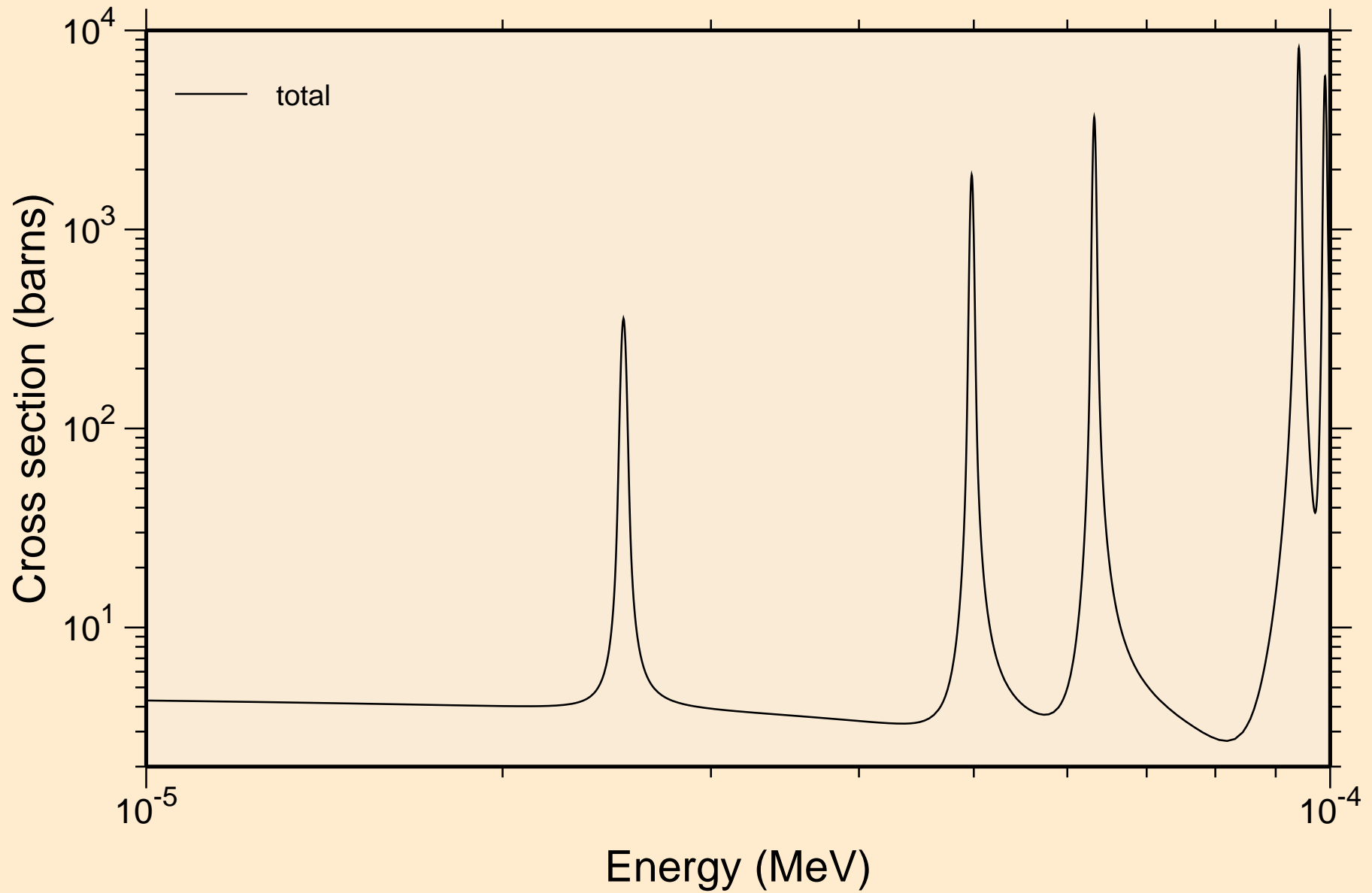


# BA133 NRG TENDL-2015, AKONING

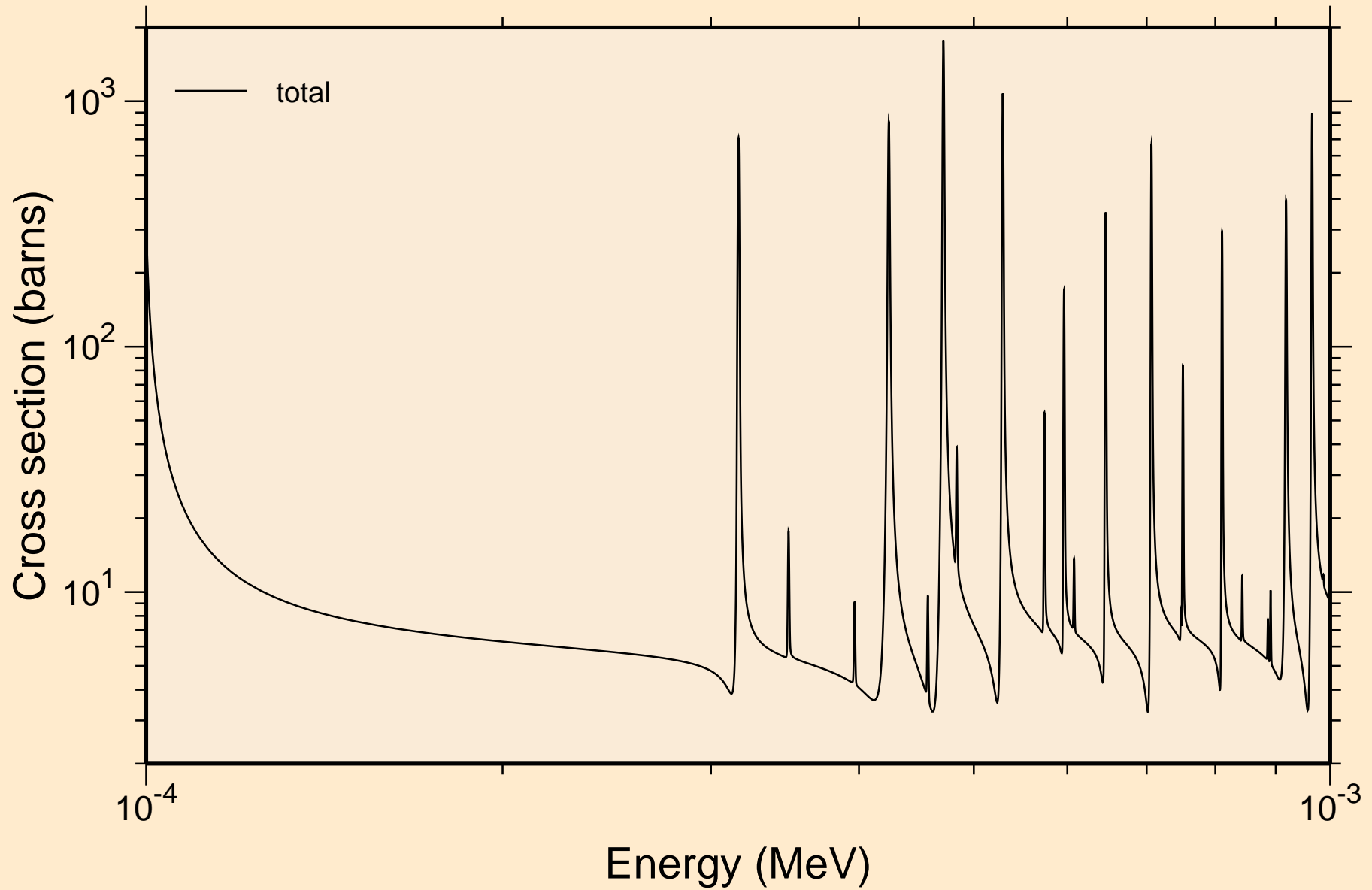
## Principal cross sections



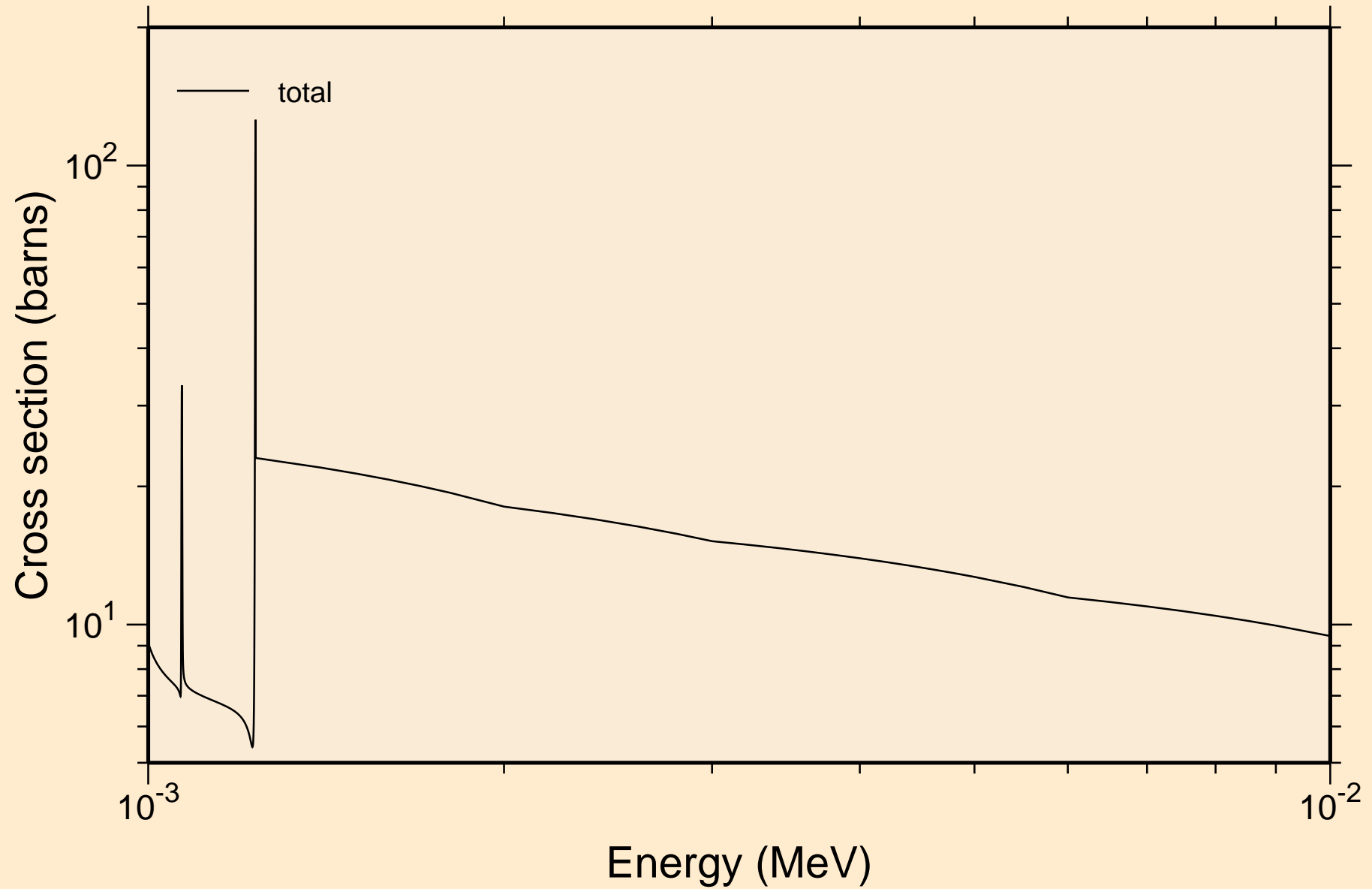
BA133 NRG TENDL-2015, AKONING  
resonance total cross section



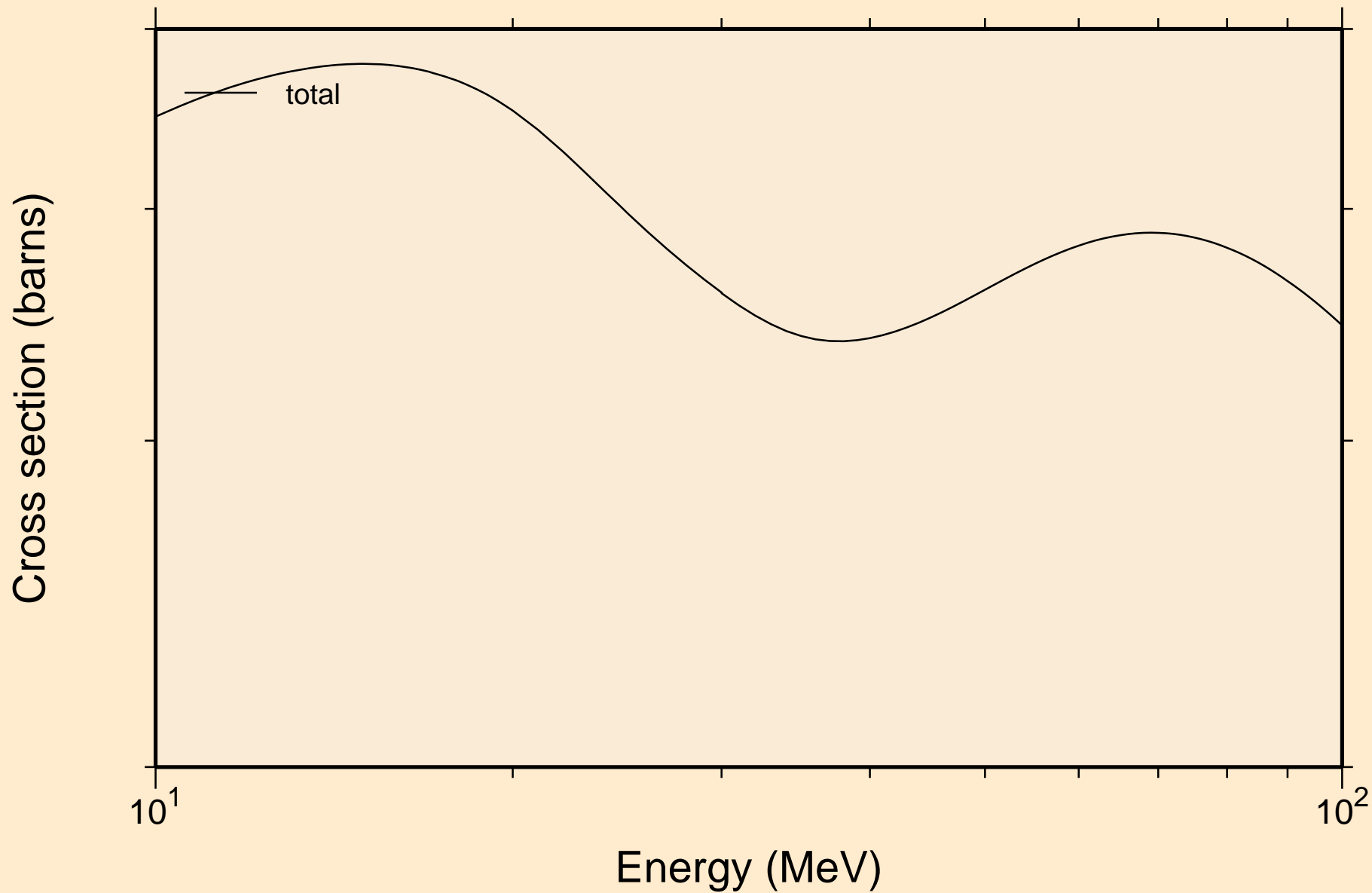
BA133 NRG TENDL-2015, AKONING  
resonance total cross section



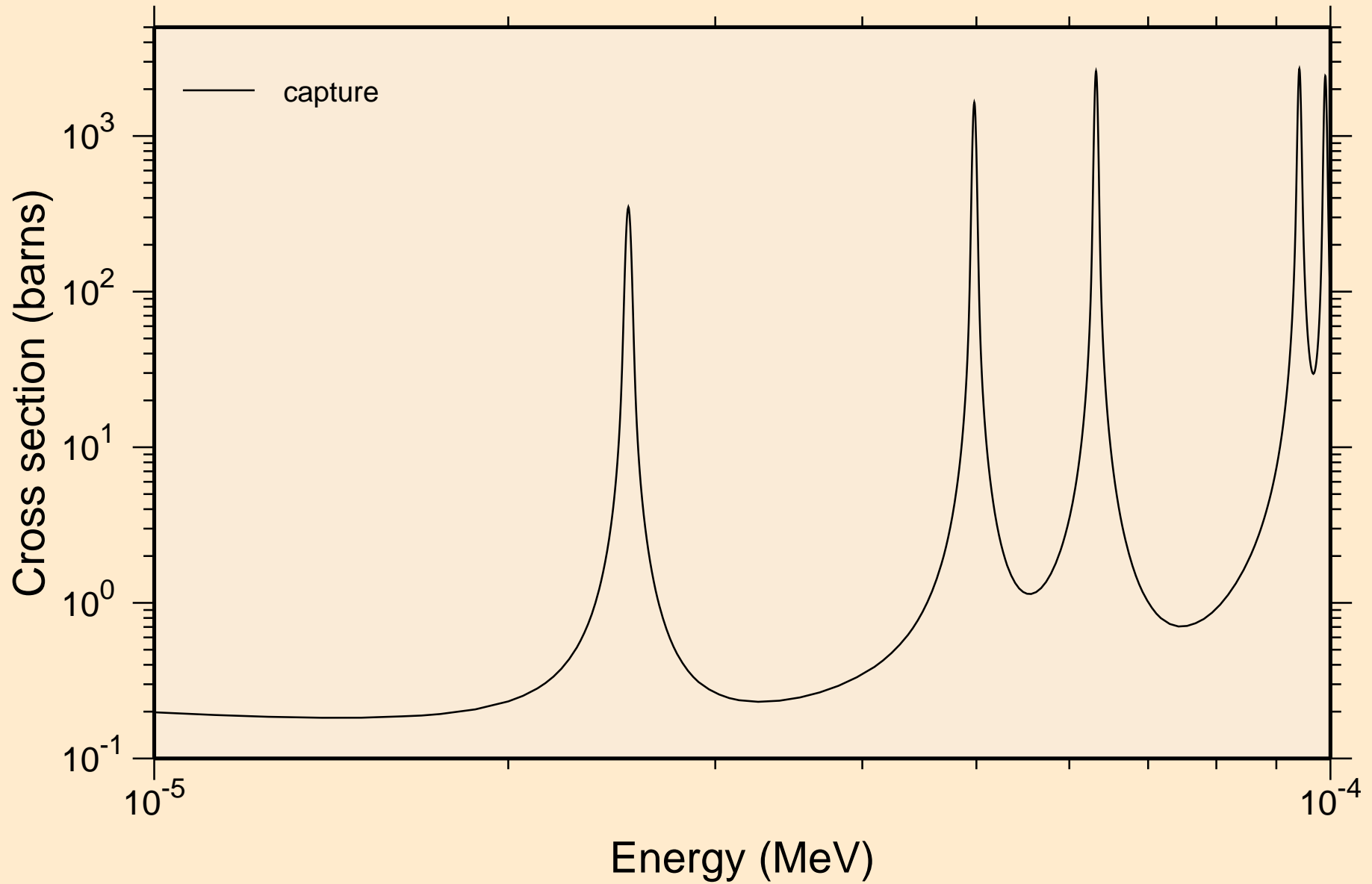
BA133 NRG TENDL-2015, AKONING  
resonance total cross section



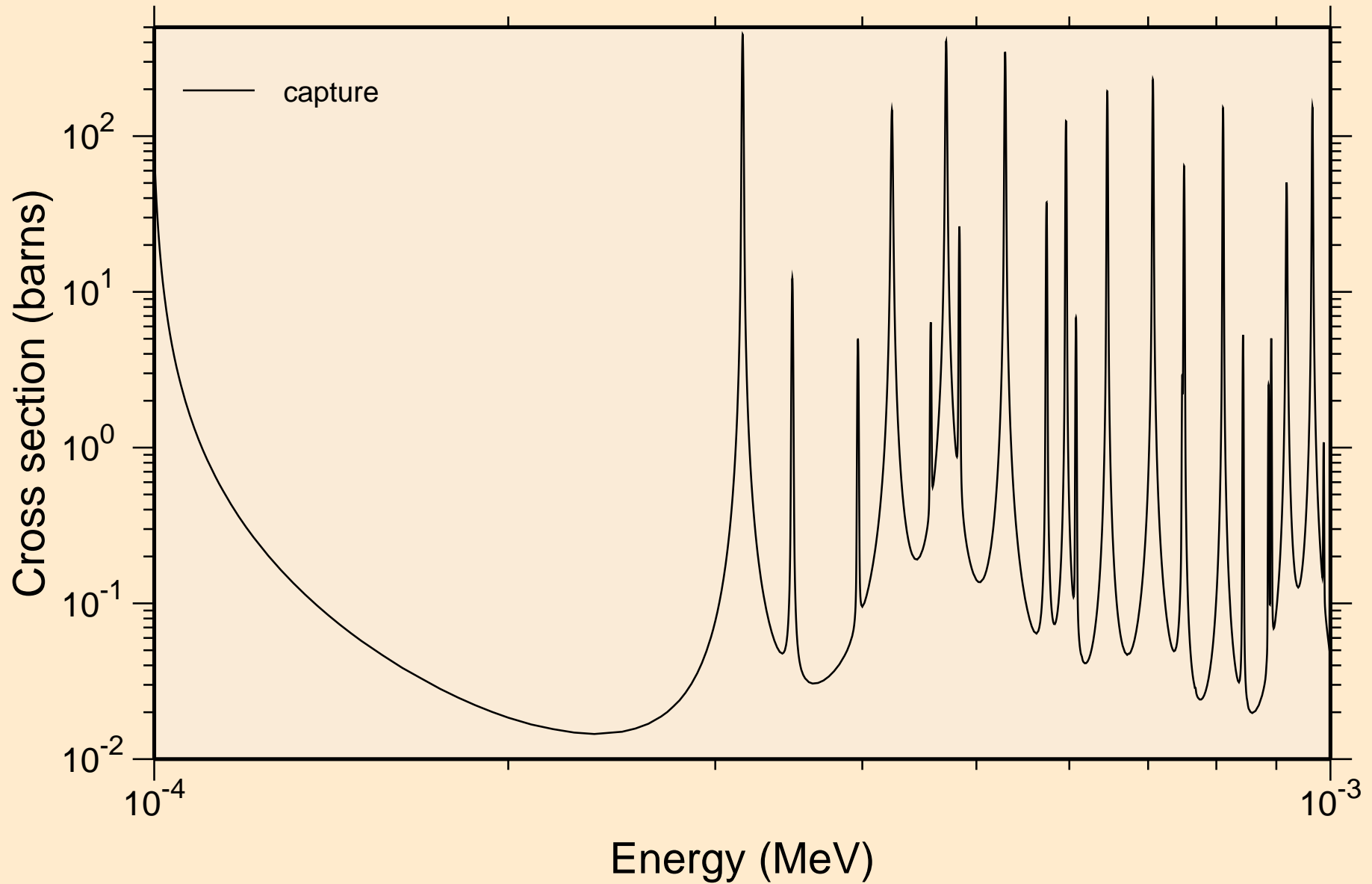
B̄A133 NRG TENDL-2015, AKONING  
resonance total cross section



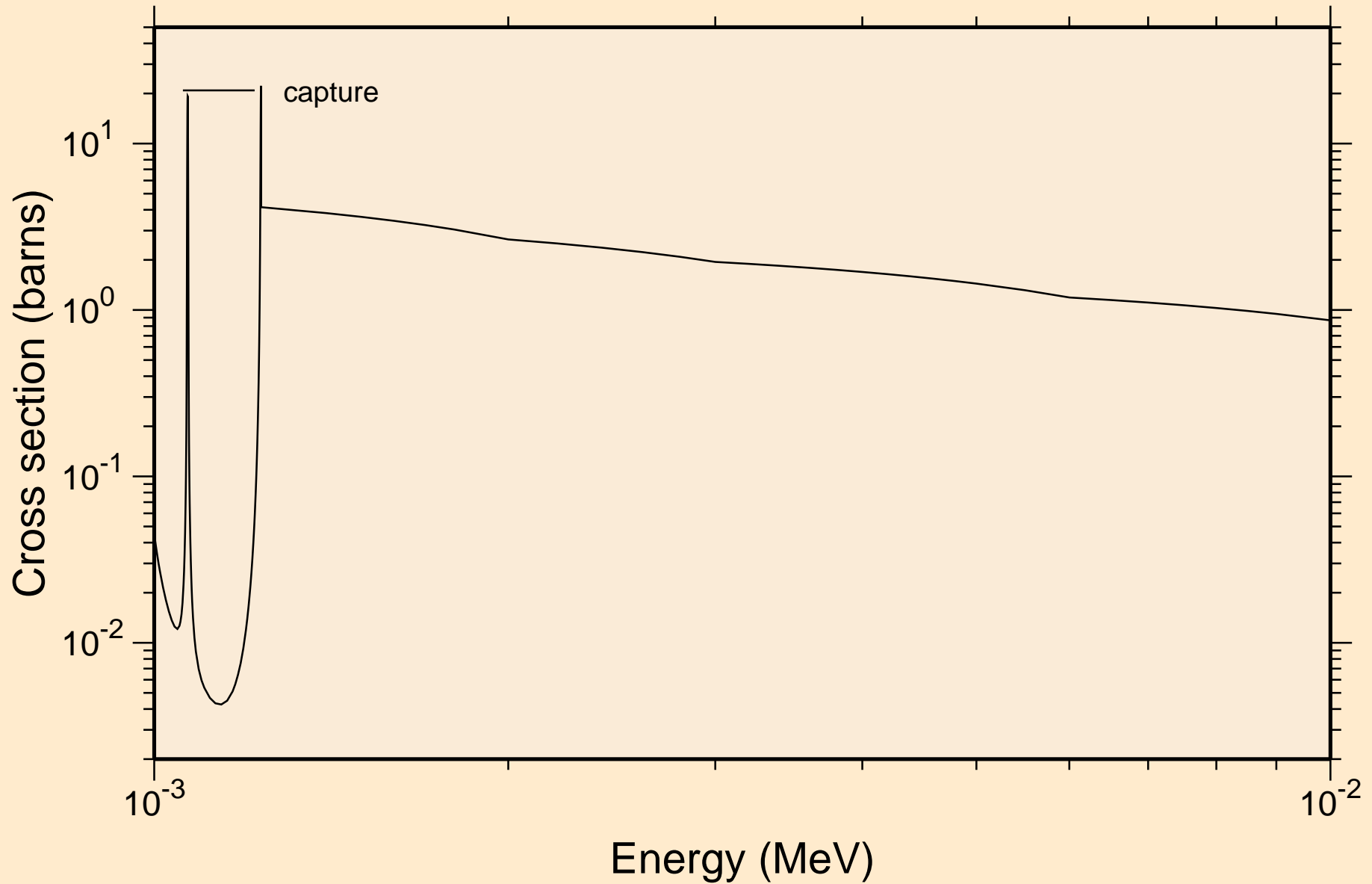
BA133 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BA133 NRG TENDL-2015, AKONING  
resonance absorption cross sections

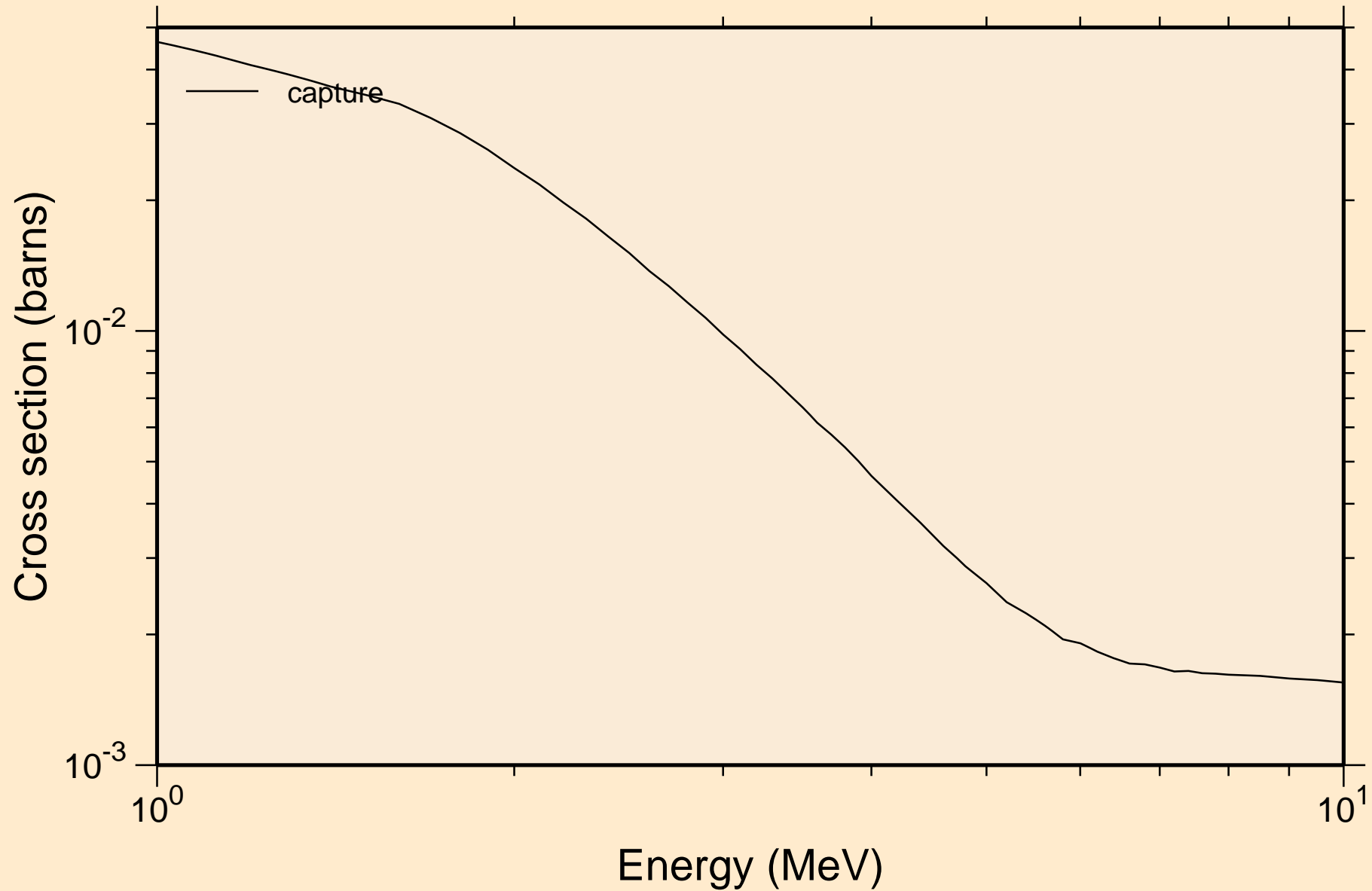


BA133 NRG TENDL-2015, AKONING  
resonance absorption cross sections



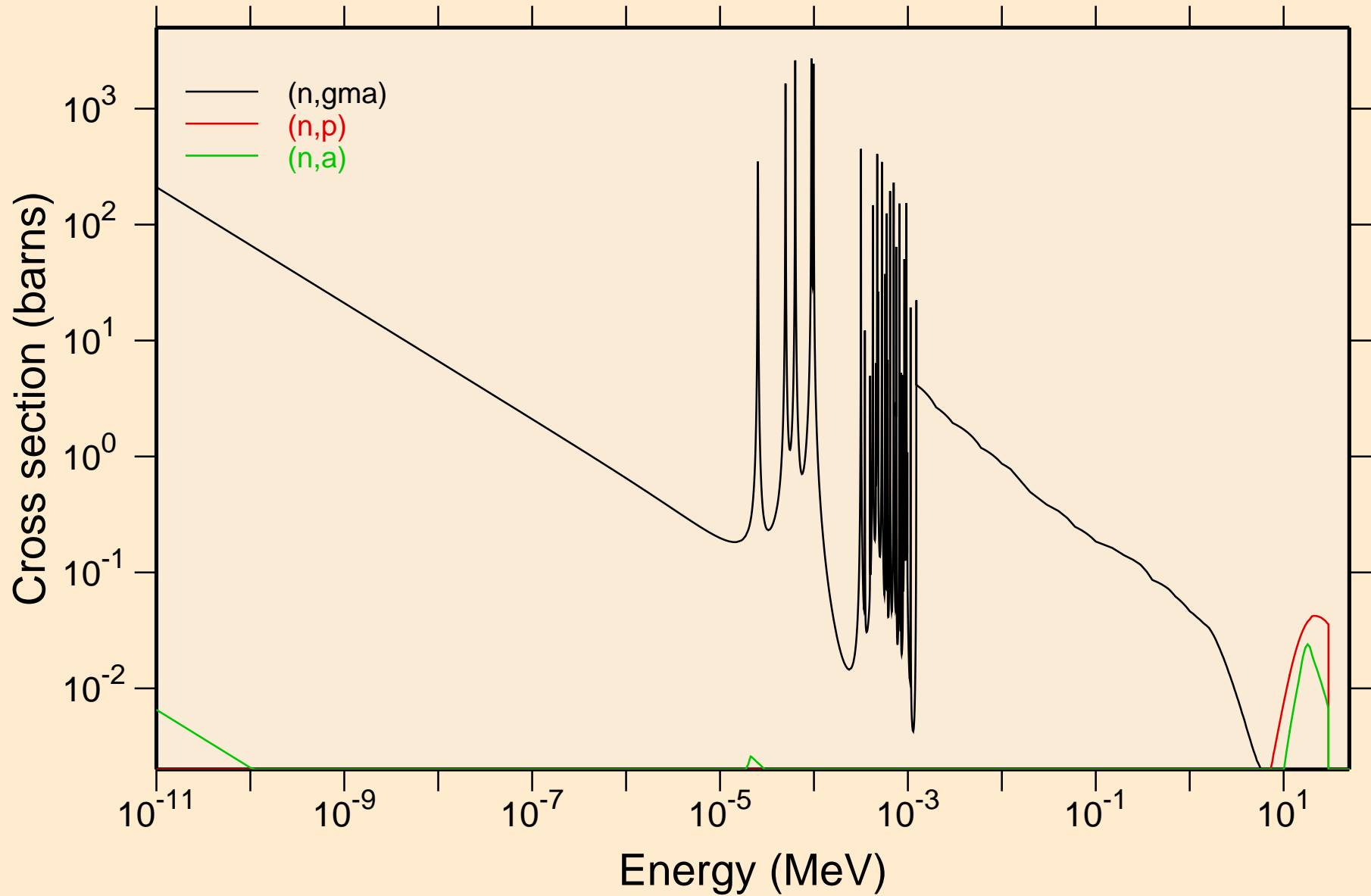


BA133 NRG TENDL-2015, AKONING  
resonance absorption cross sections



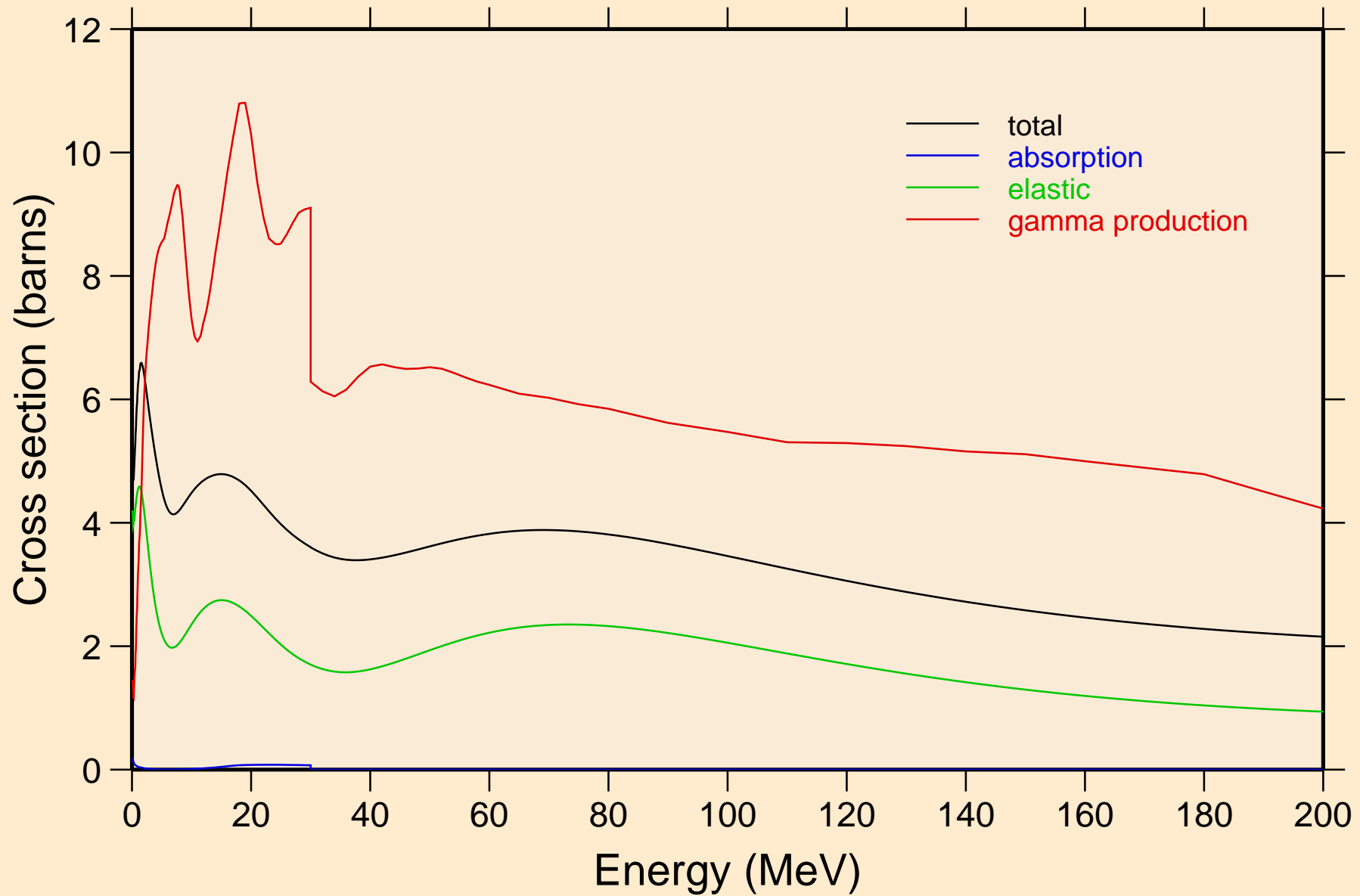
# BA133 NRG TENDL-2015, AKONING

## Non-threshold reactions



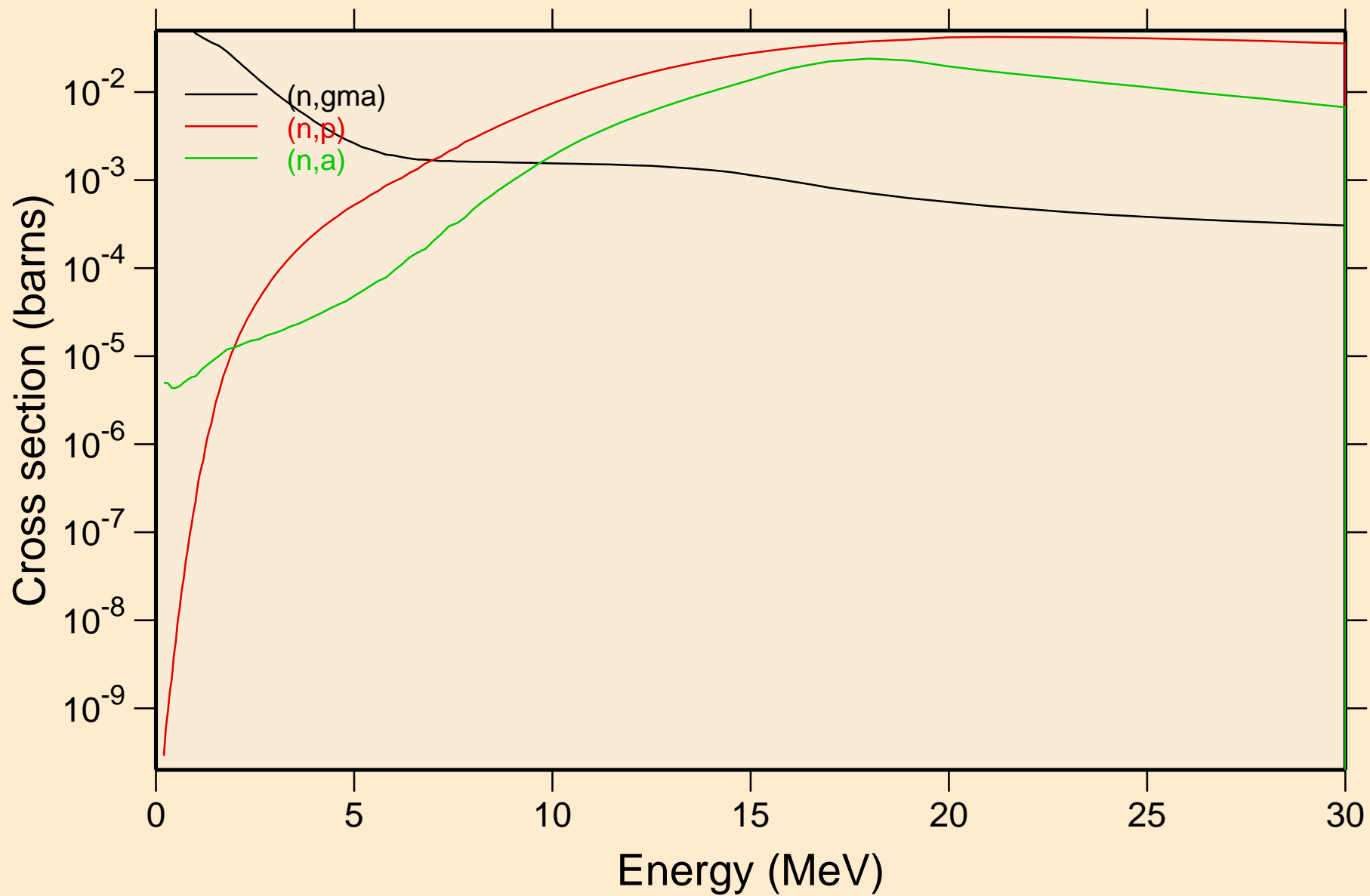
# BA133 NRG TENDL-2015, AKONING

## Principal cross sections



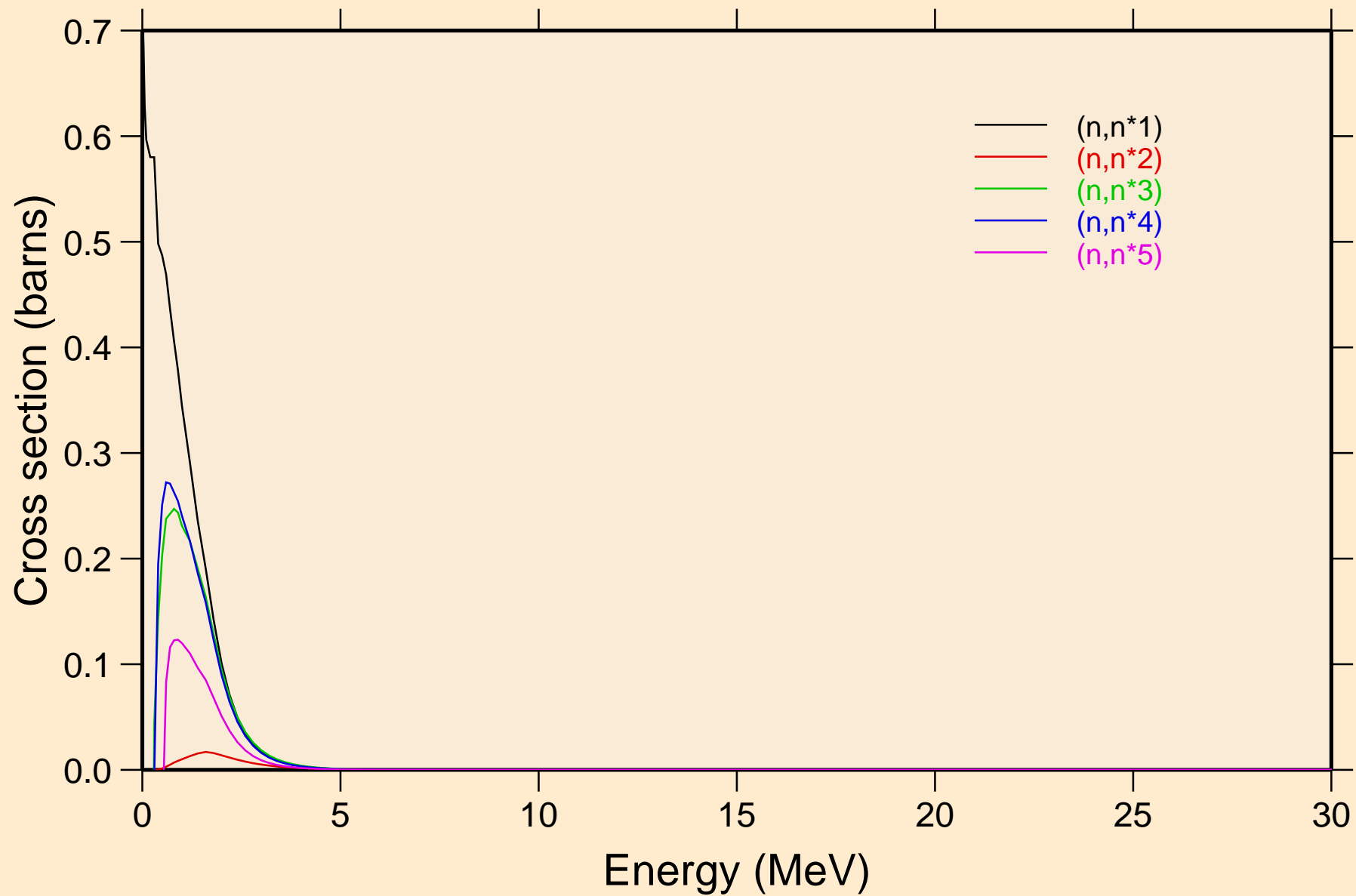
# BA133 NRG TENDL-2015, AKONING

## Non-threshold reactions



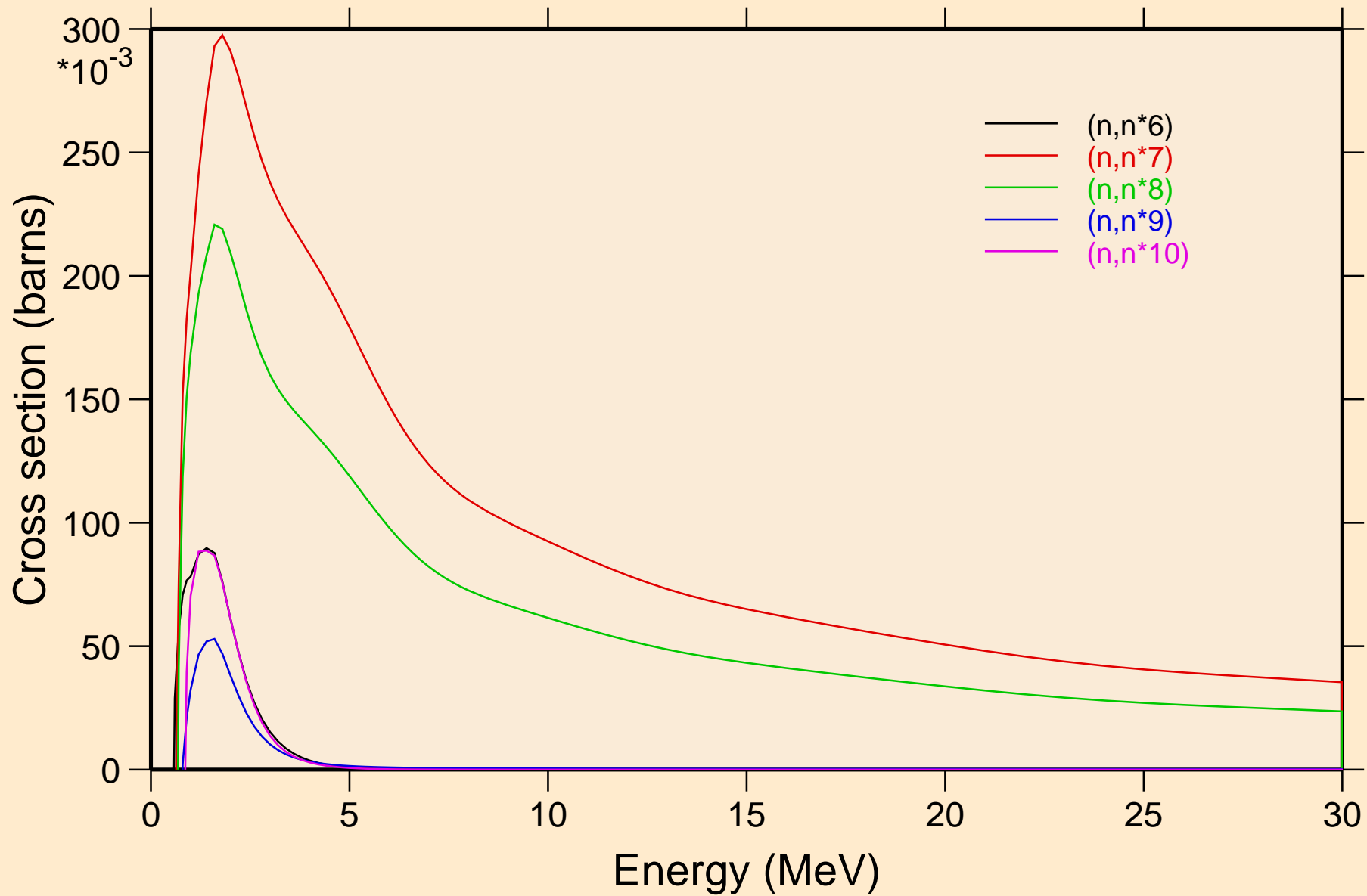
# BA133 NRG TENDL-2015, AKONING

## Inelastic levels



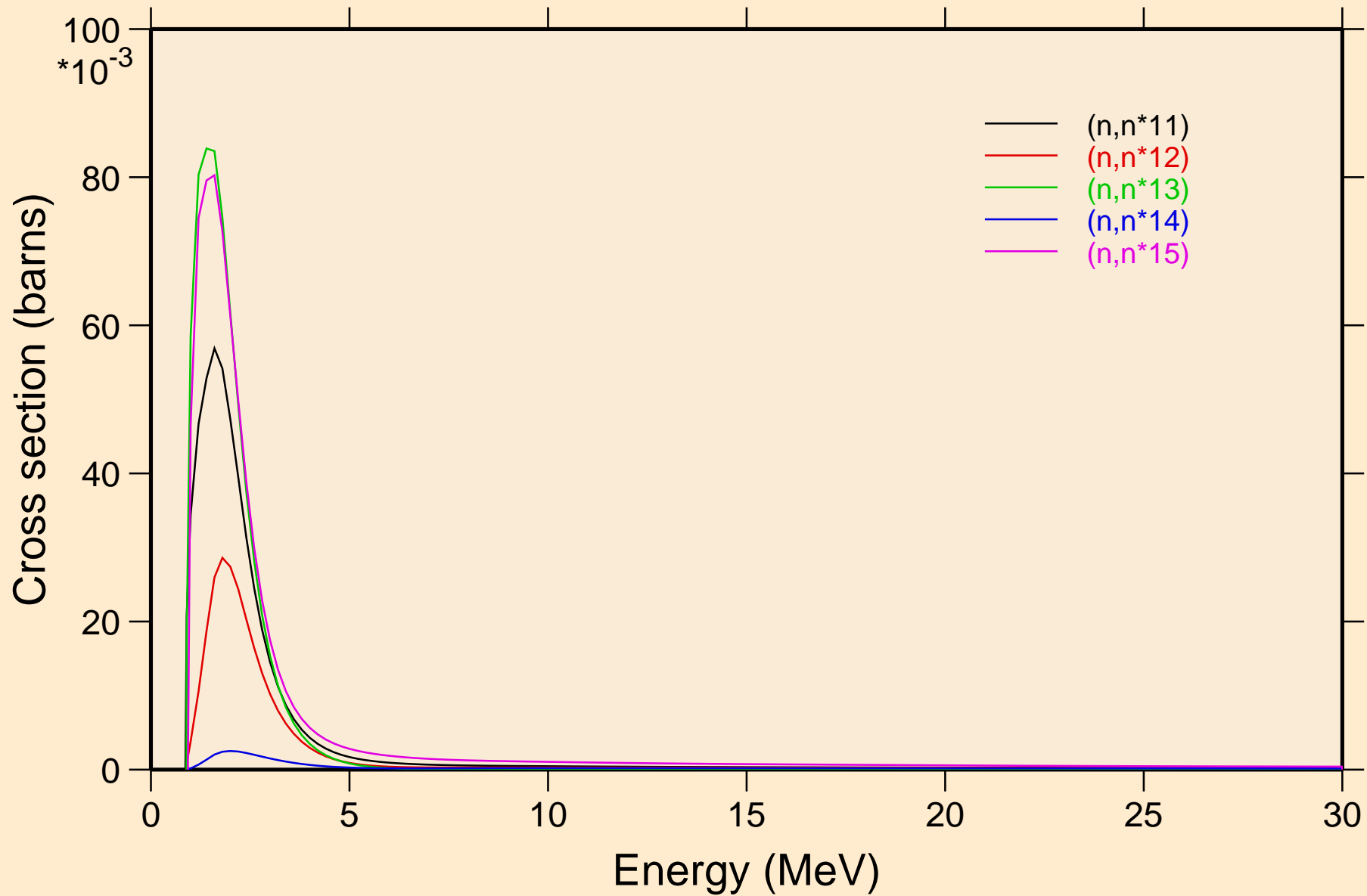
# BA133 NRG TENDL-2015, AKONING

## Inelastic levels



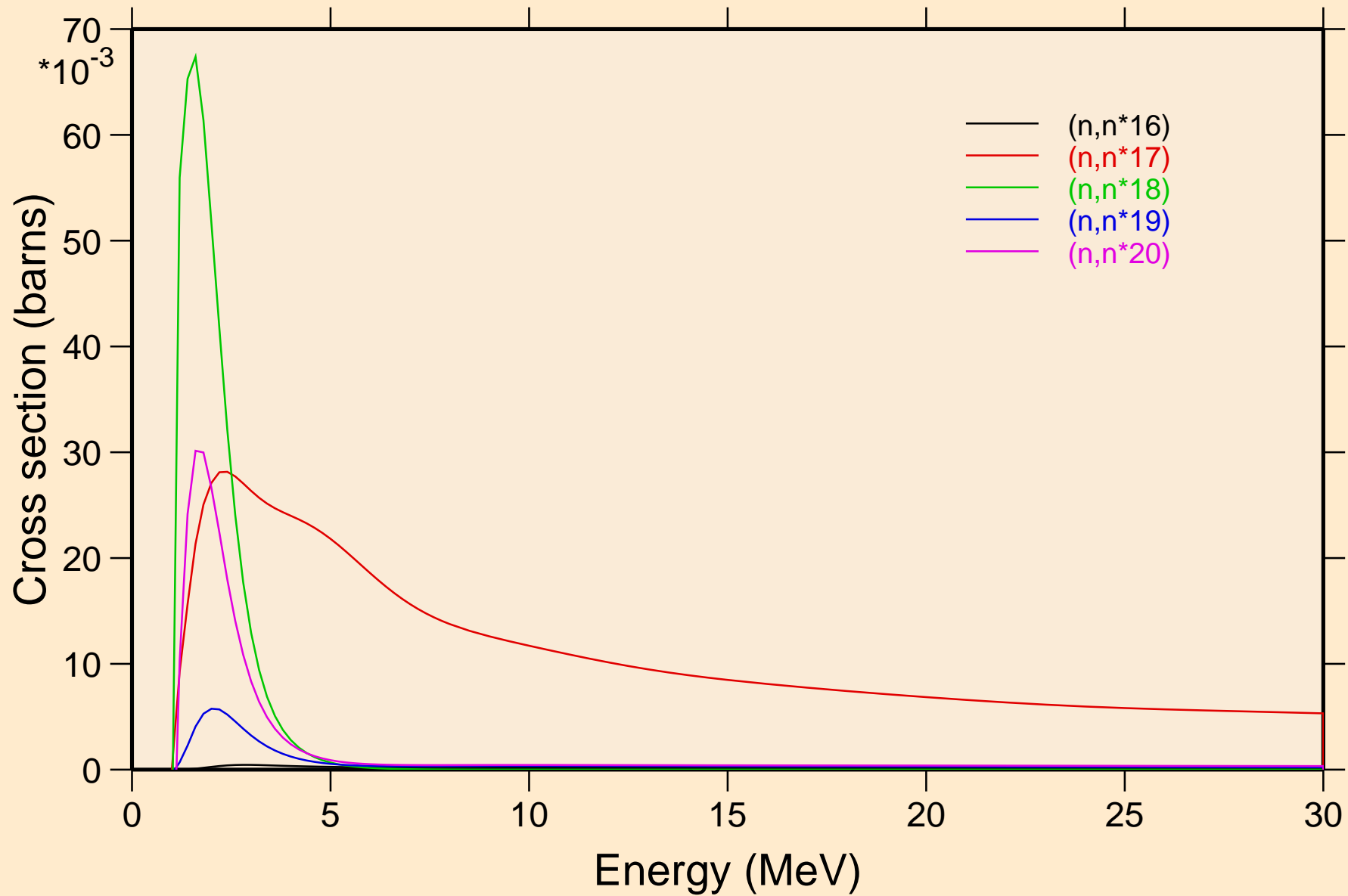
# BA133 NRG TENDL-2015, AKONING

## Inelastic levels



# BA133 NRG TENDL-2015, AKONING

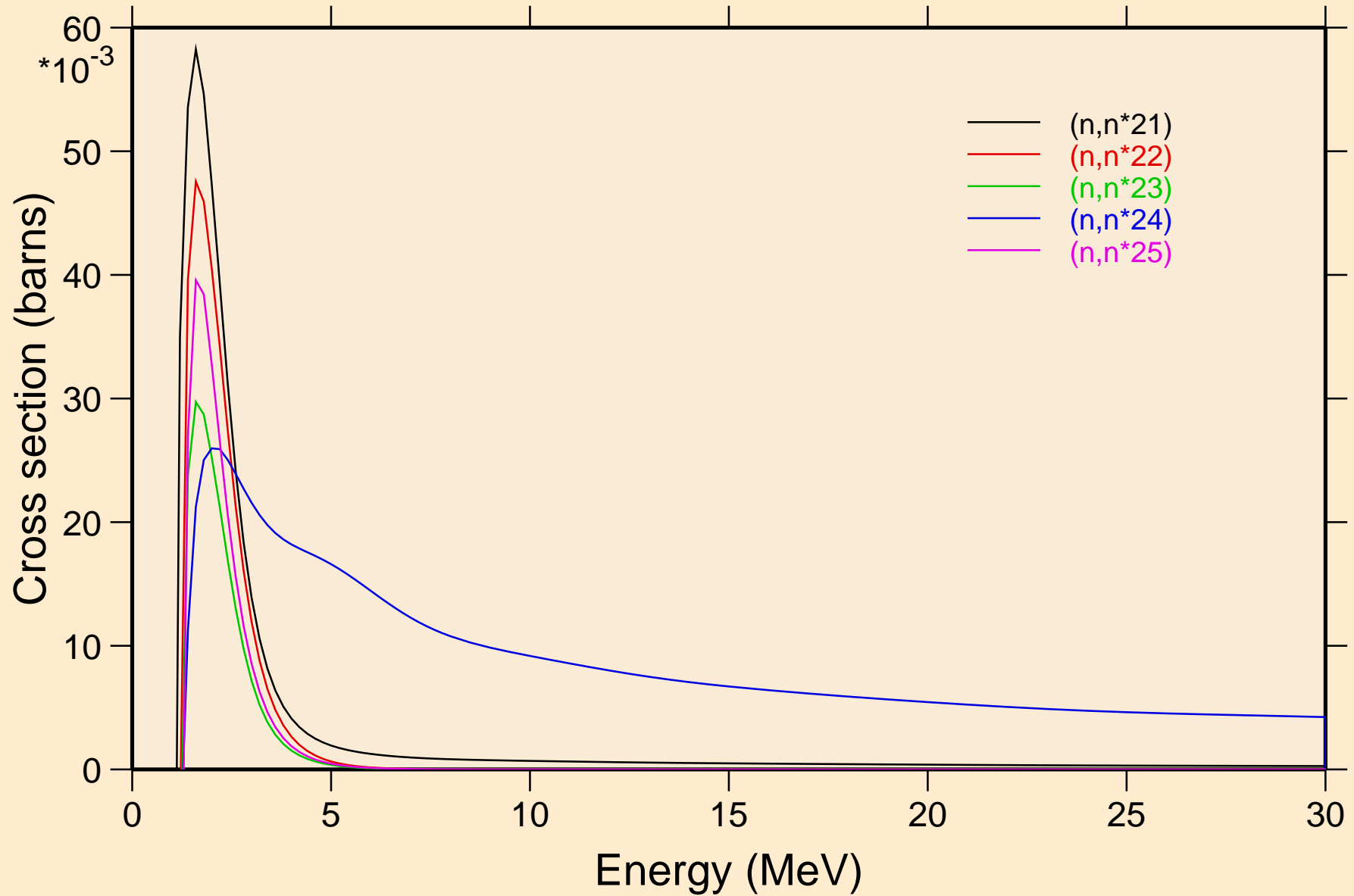
## Inelastic levels





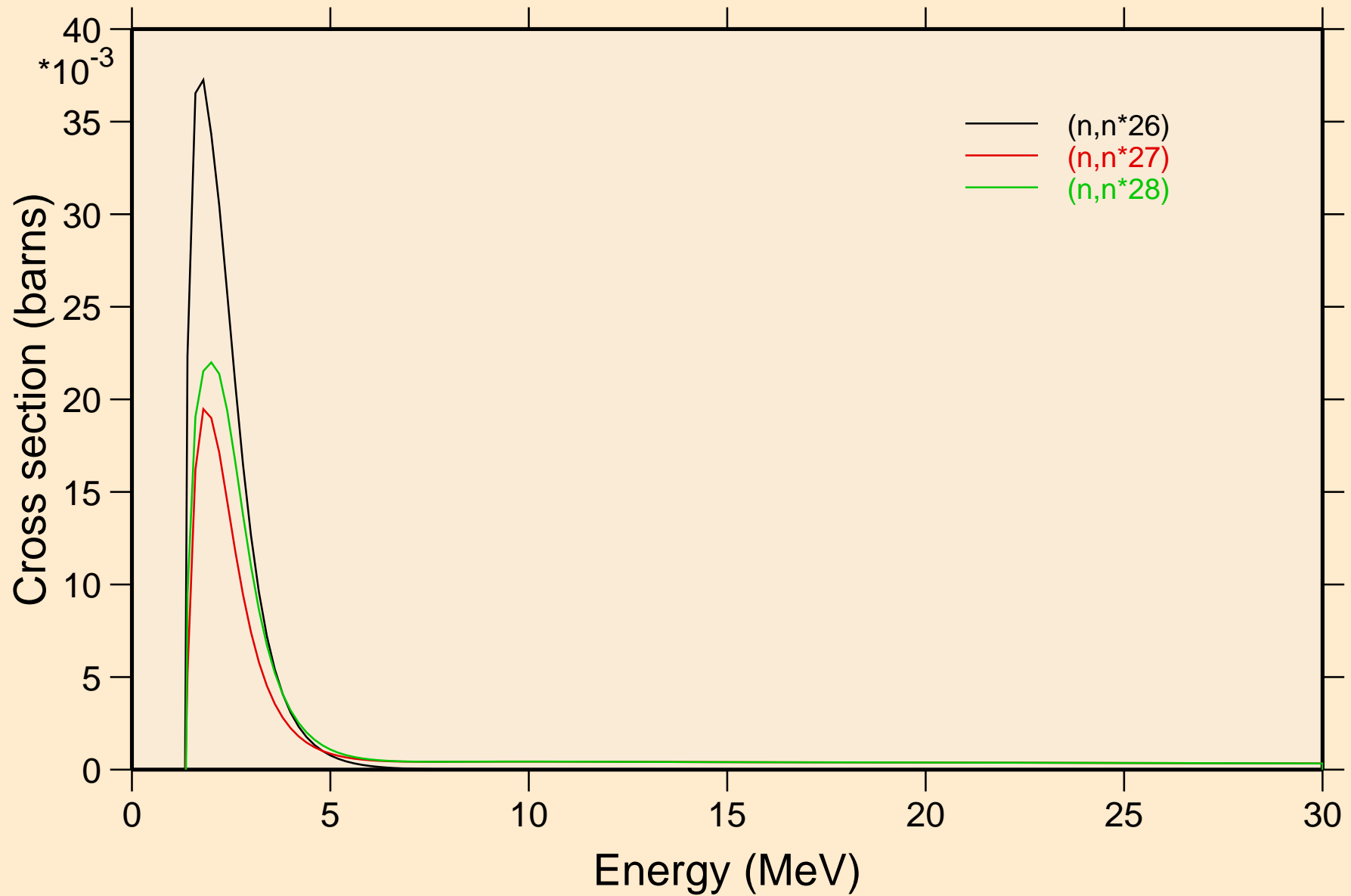
# BA133 NRG TENDL-2015, AKONING

## Inelastic levels



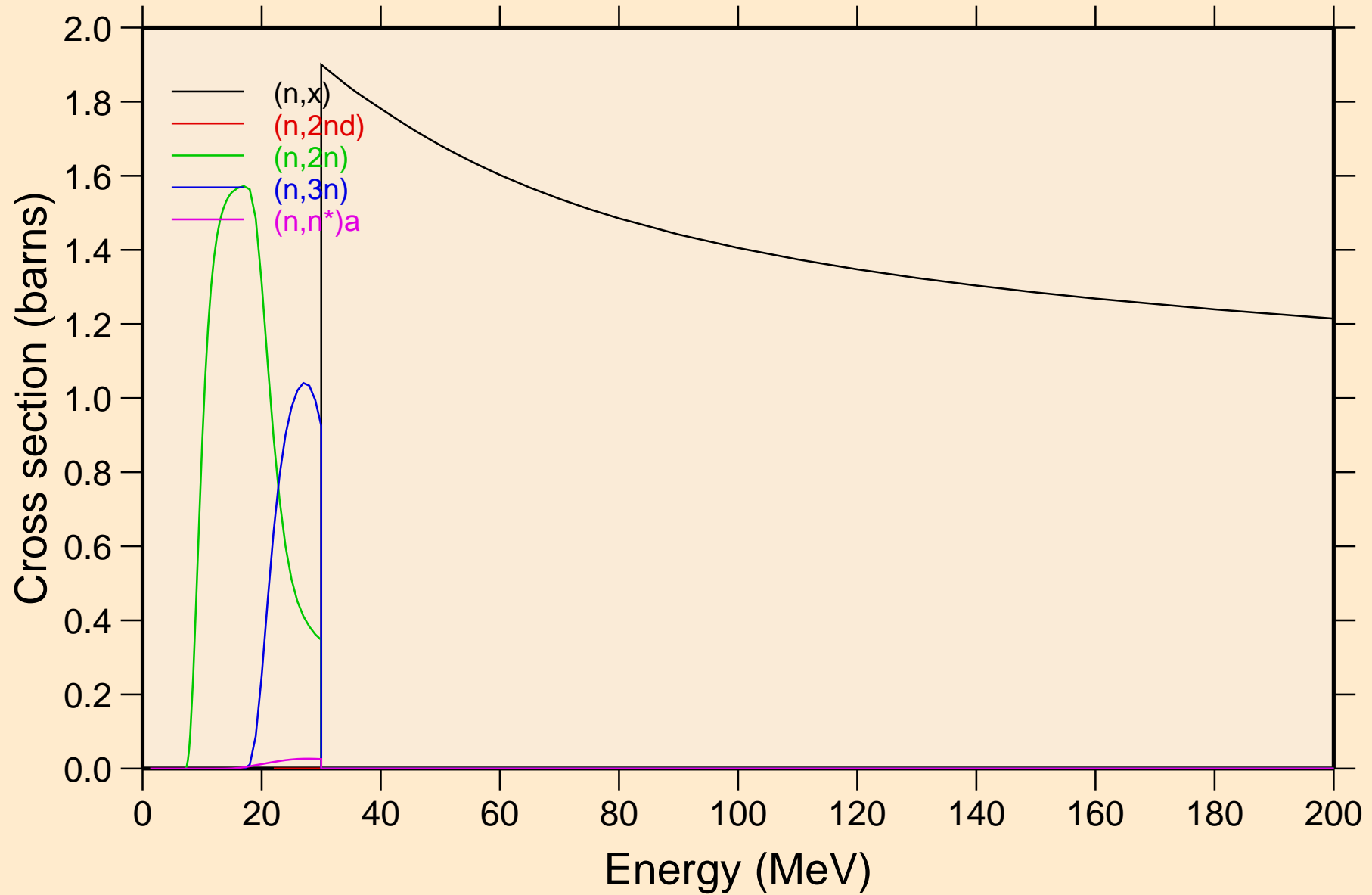
# BA133 NRG TENDL-2015, AKONING

## Inelastic levels



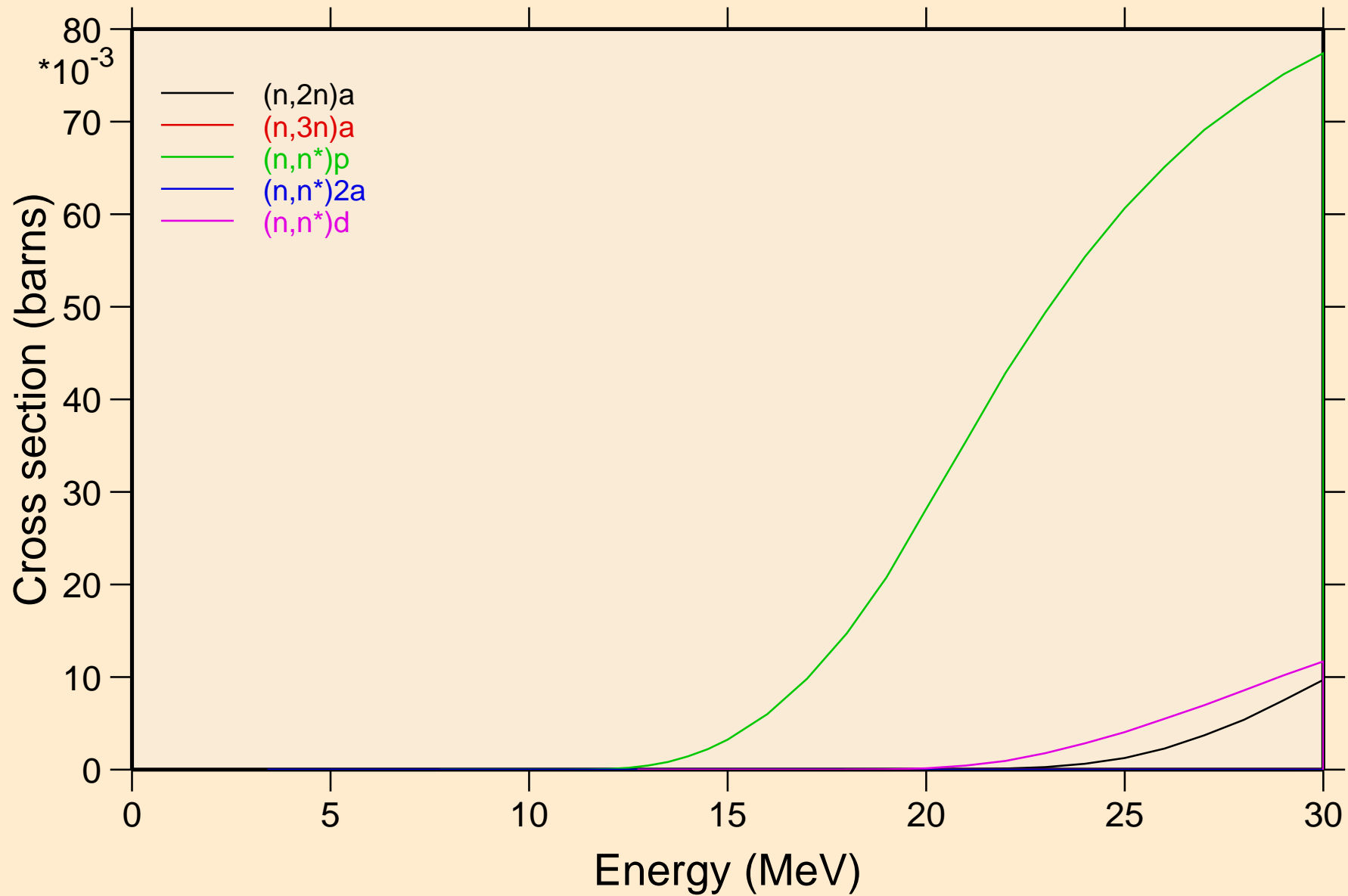
# BA133 NRG TENDL-2015, AKONING

## Threshold reactions



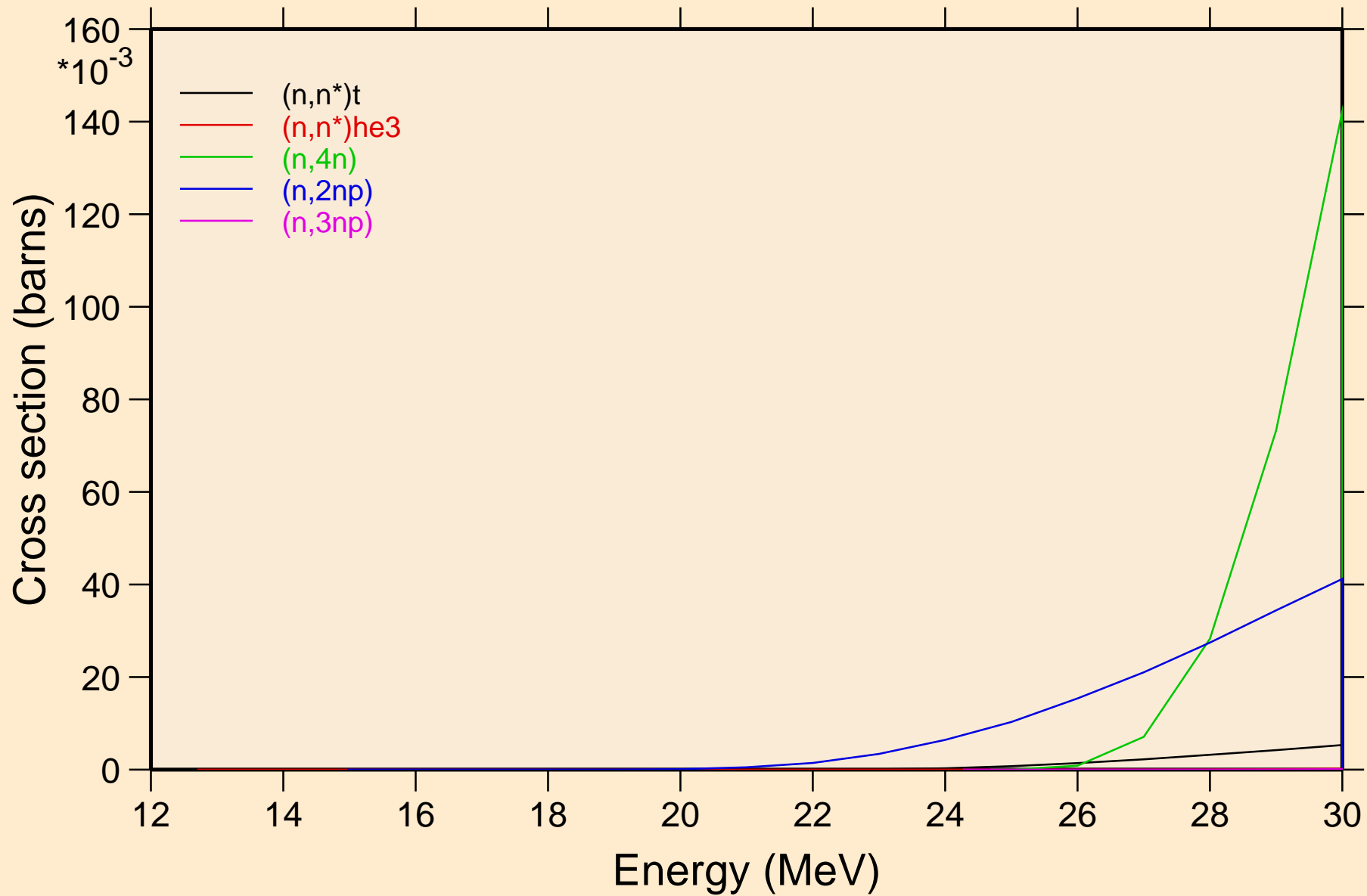
# BA133 NRG TENDL-2015, AKONING

## Threshold reactions



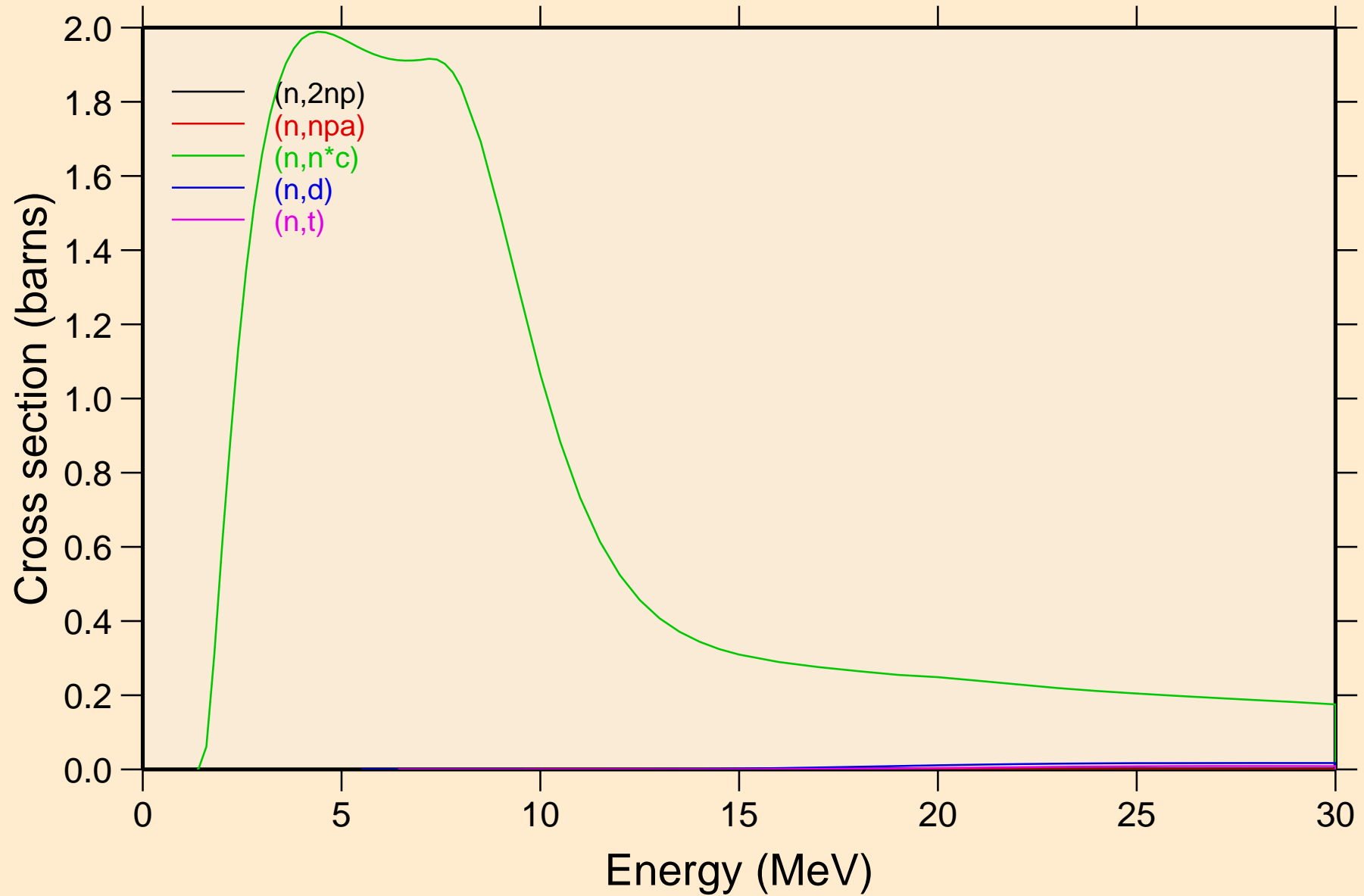
# BA133 NRG TENDL-2015, AKONING

## Threshold reactions



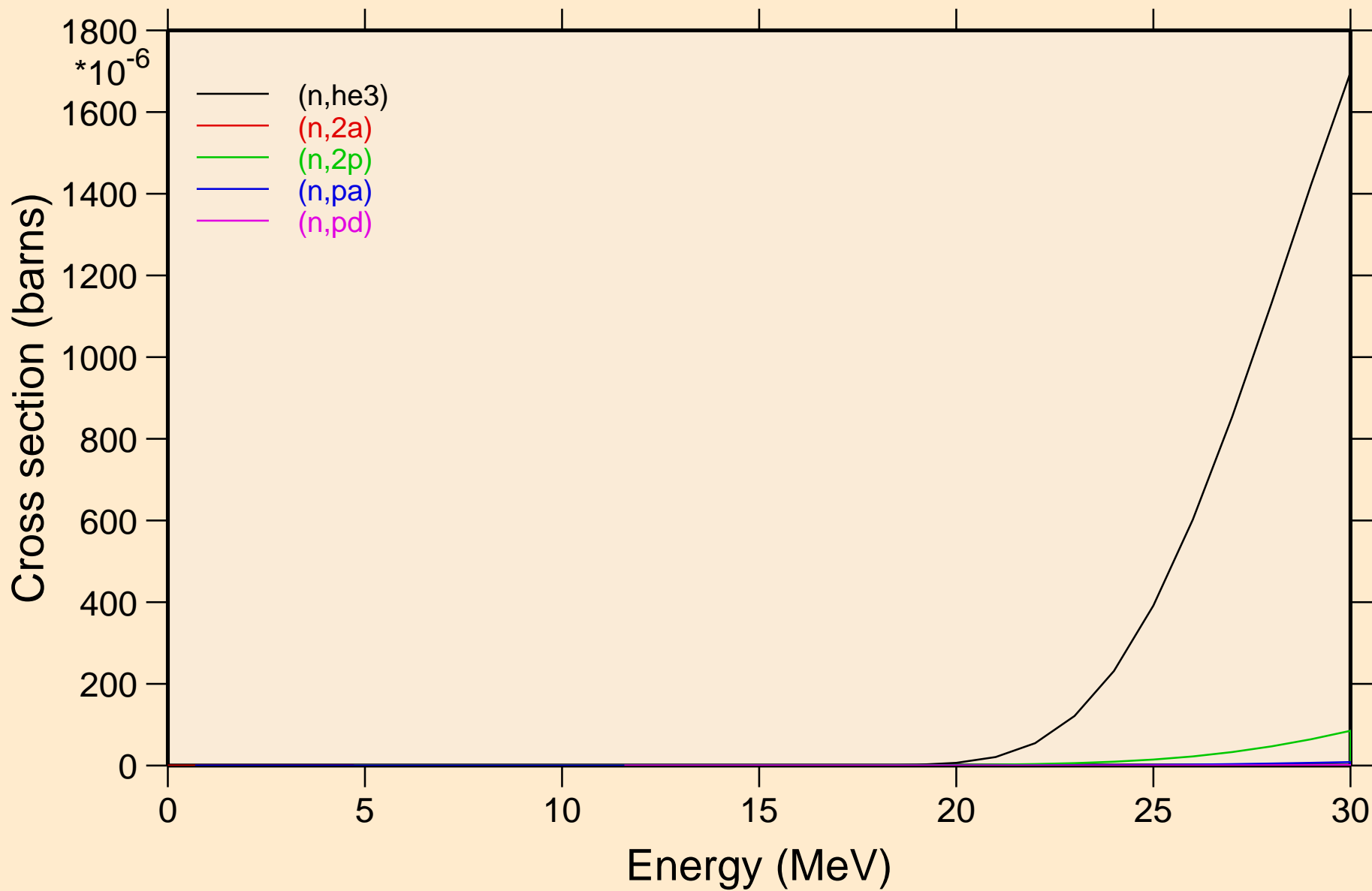
# BA133 NRG TENDL-2015, AKONING

## Threshold reactions



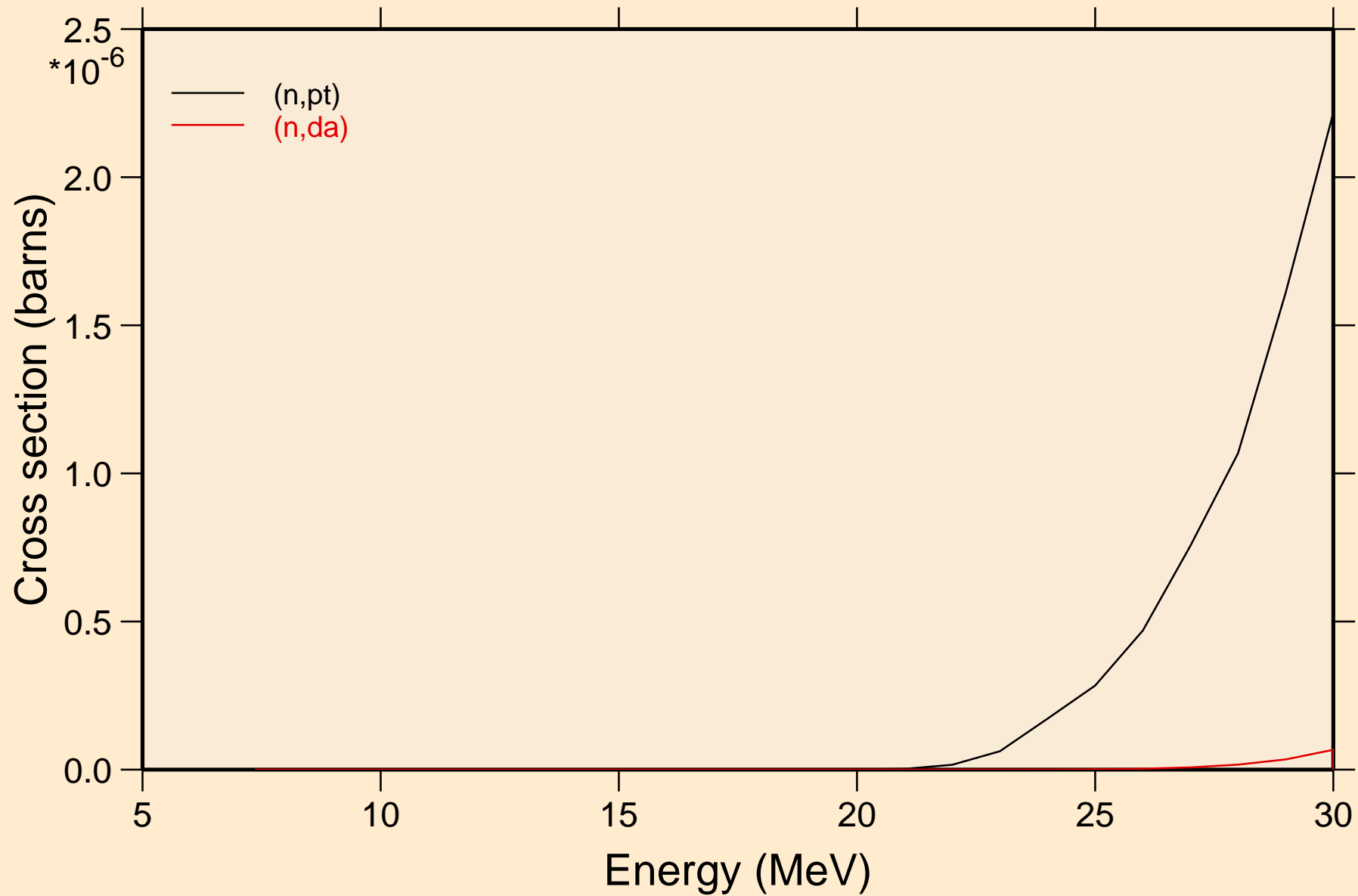
# BA133 NRG TENDL-2015, AKONING

## Threshold reactions



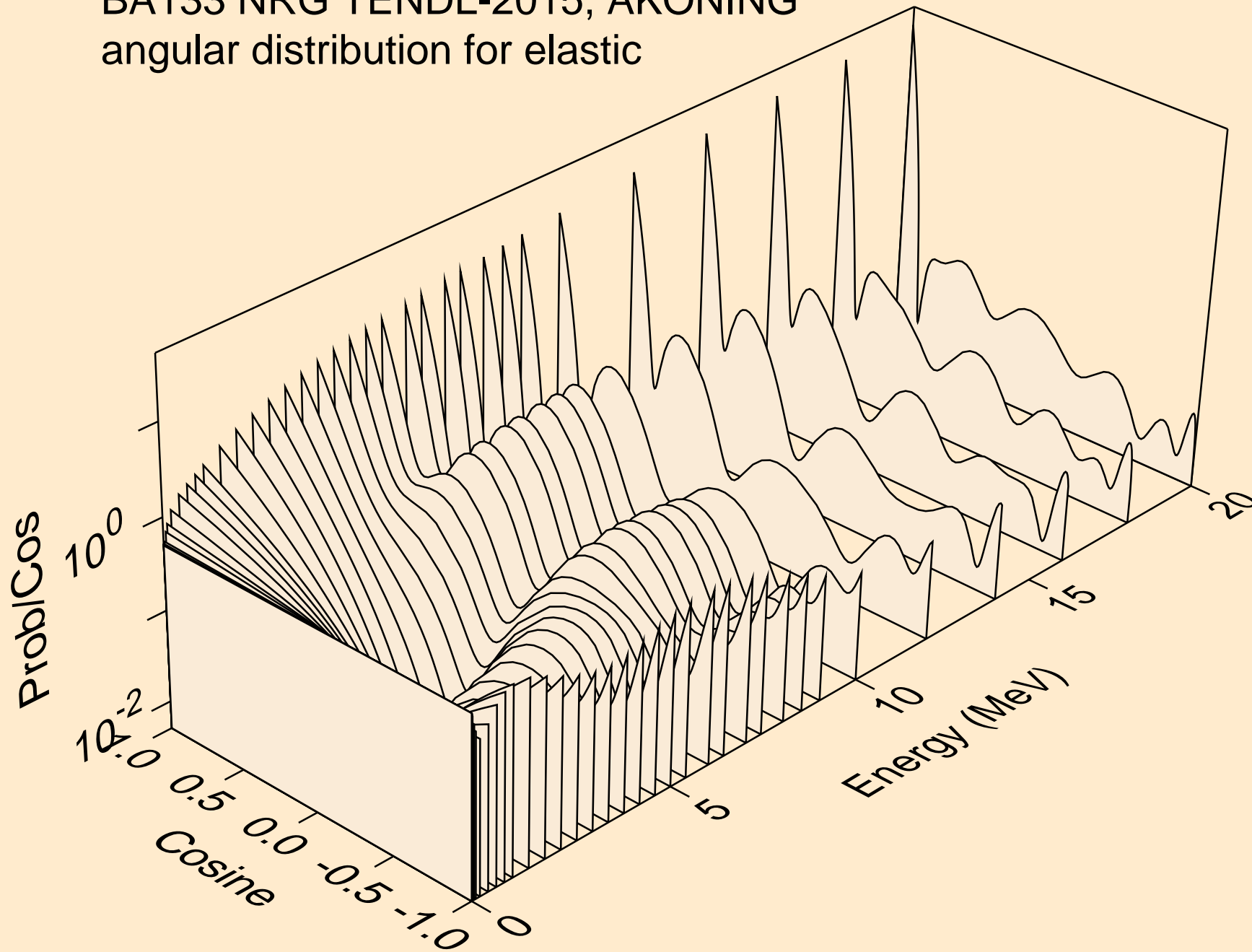
# BA133 NRG TENDL-2015, AKONING

## Threshold reactions

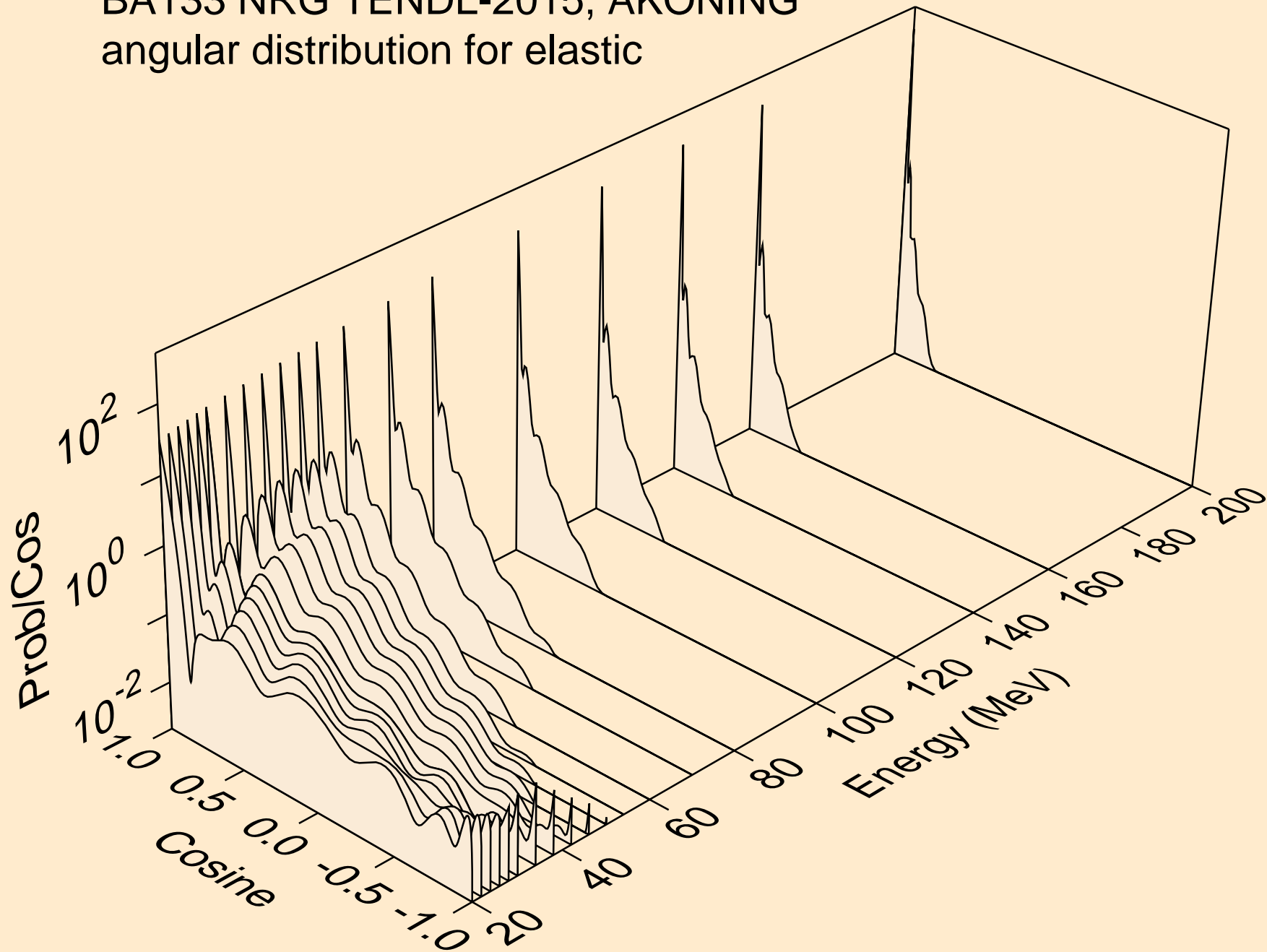




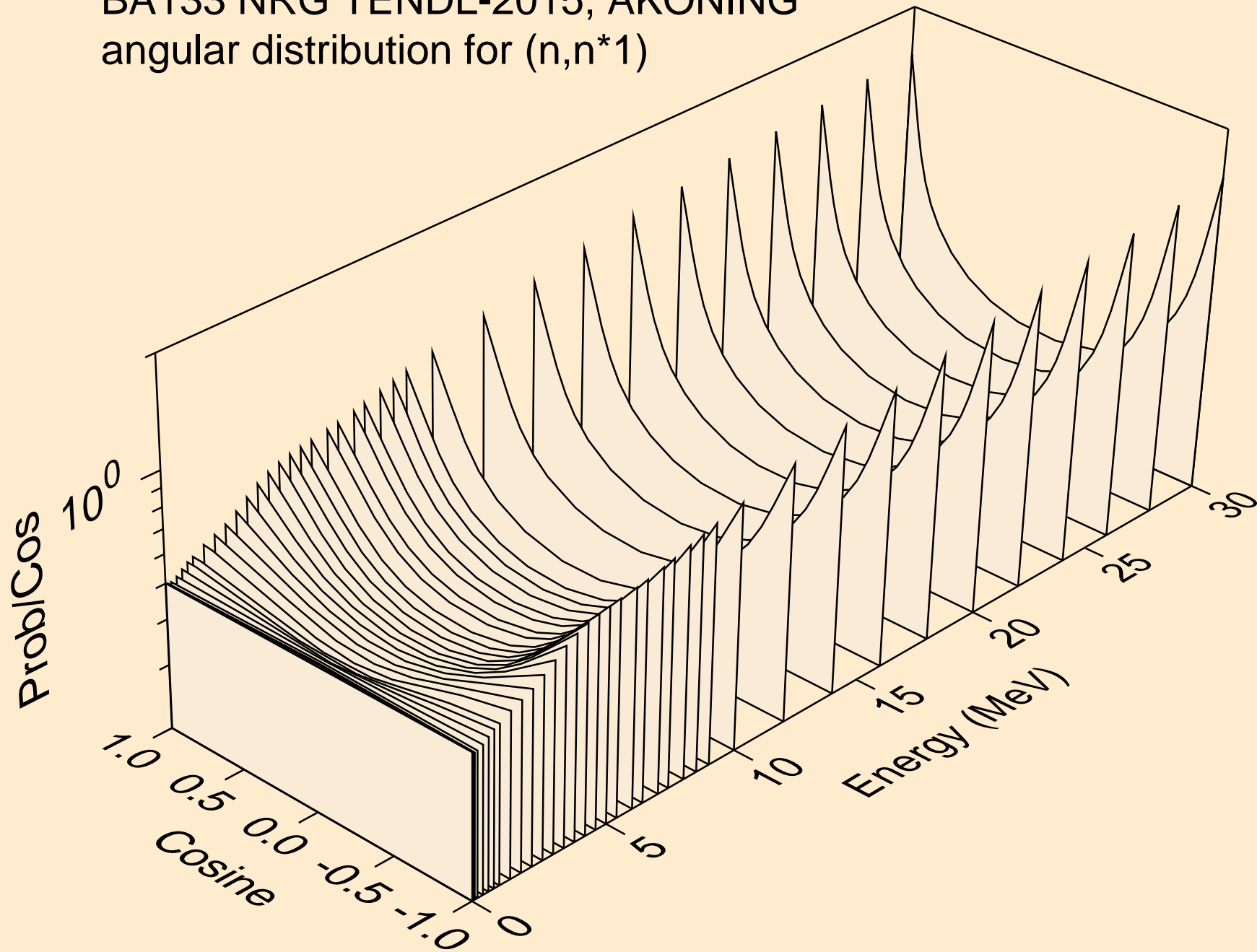
BA133 NRG TENDL-2015, AKONING  
angular distribution for elastic



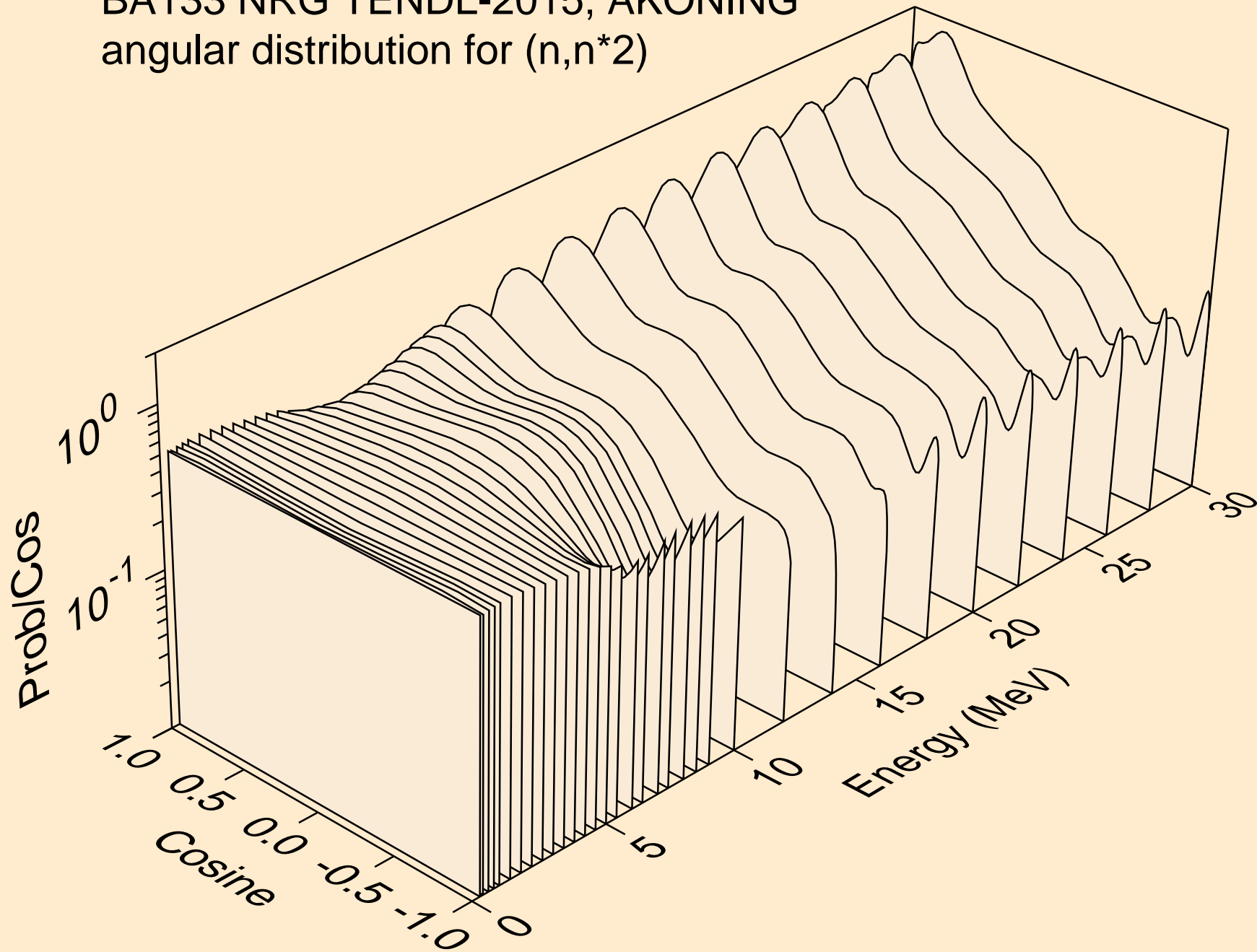
BA133 NRG TENDL-2015, AKONING  
angular distribution for elastic



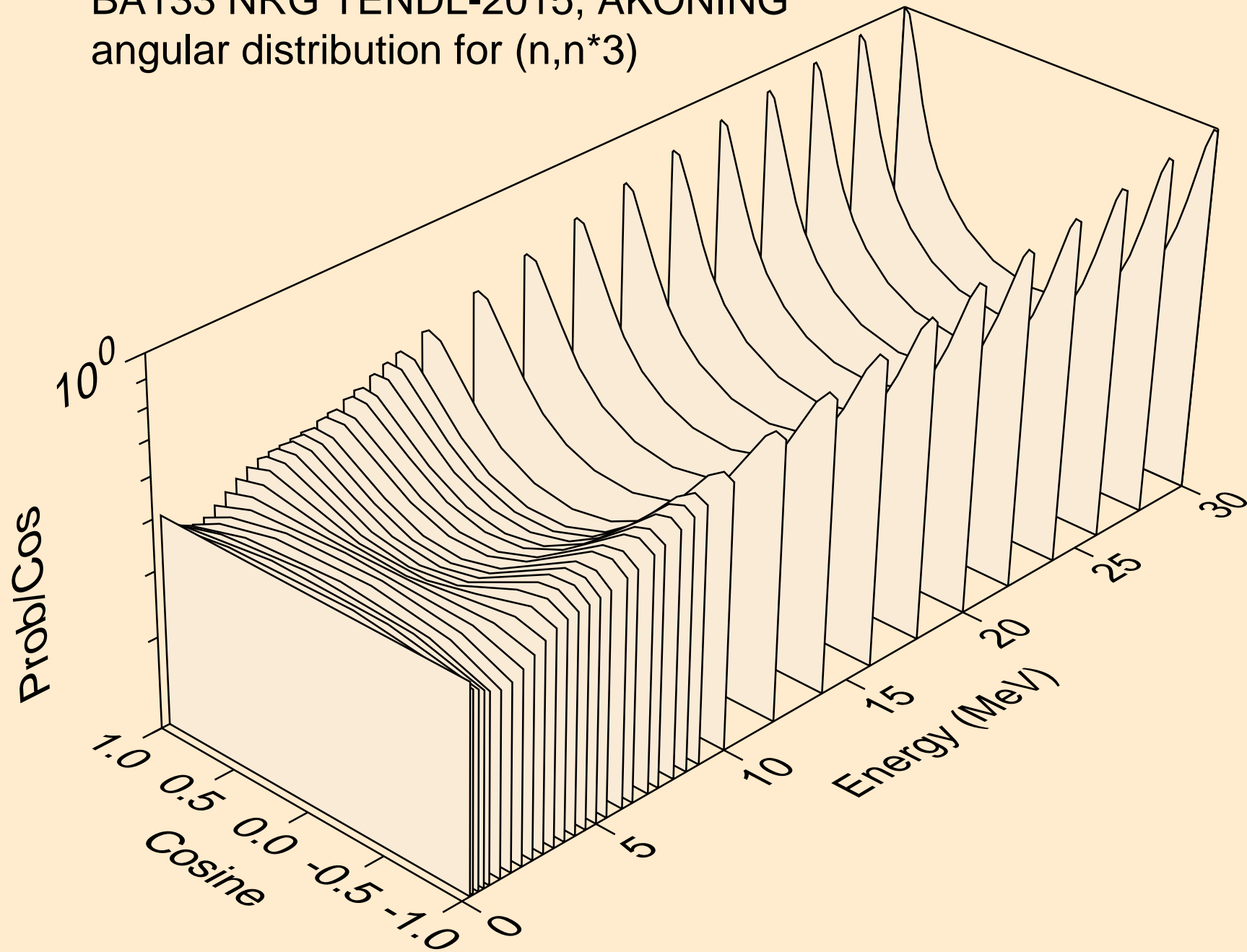
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



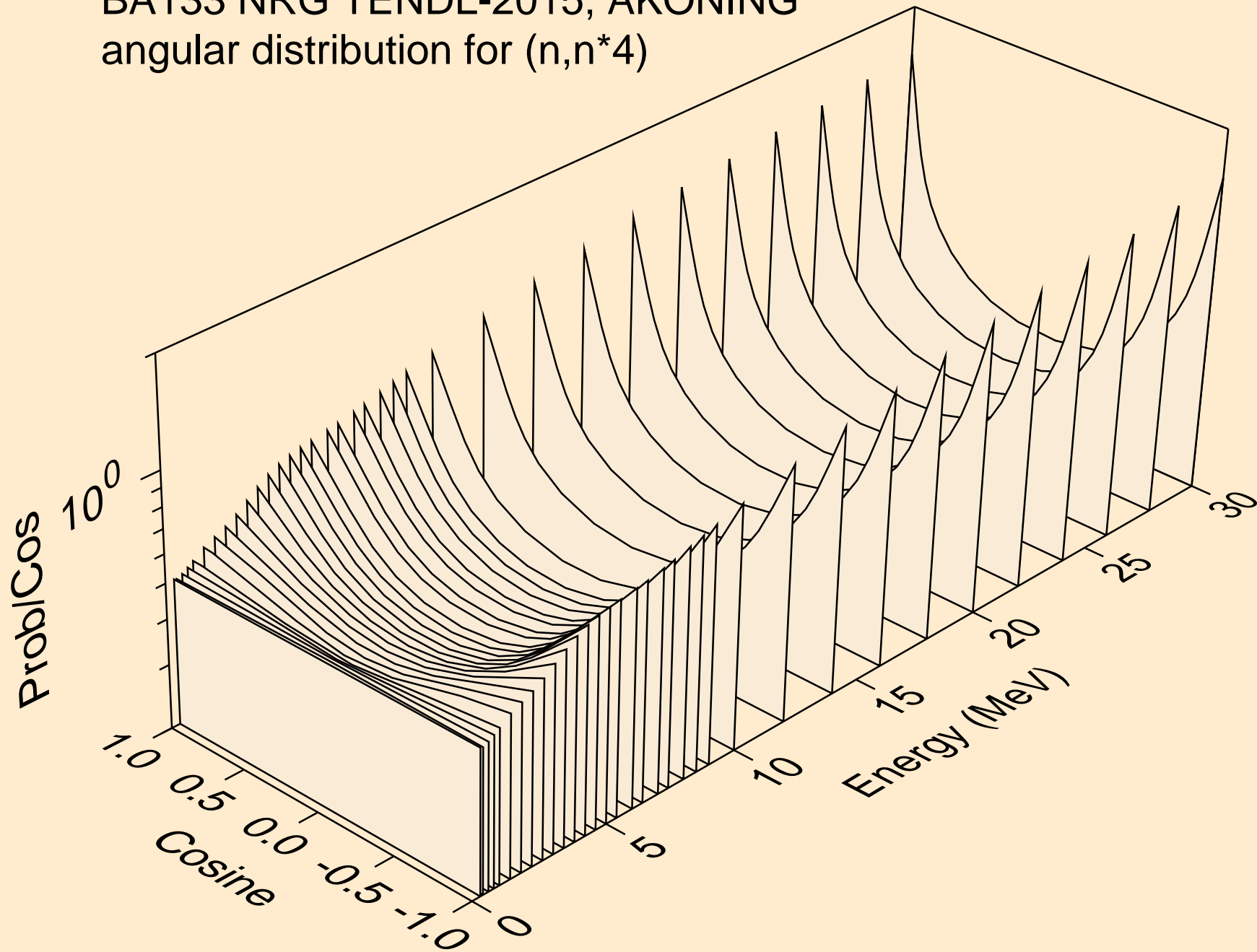
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



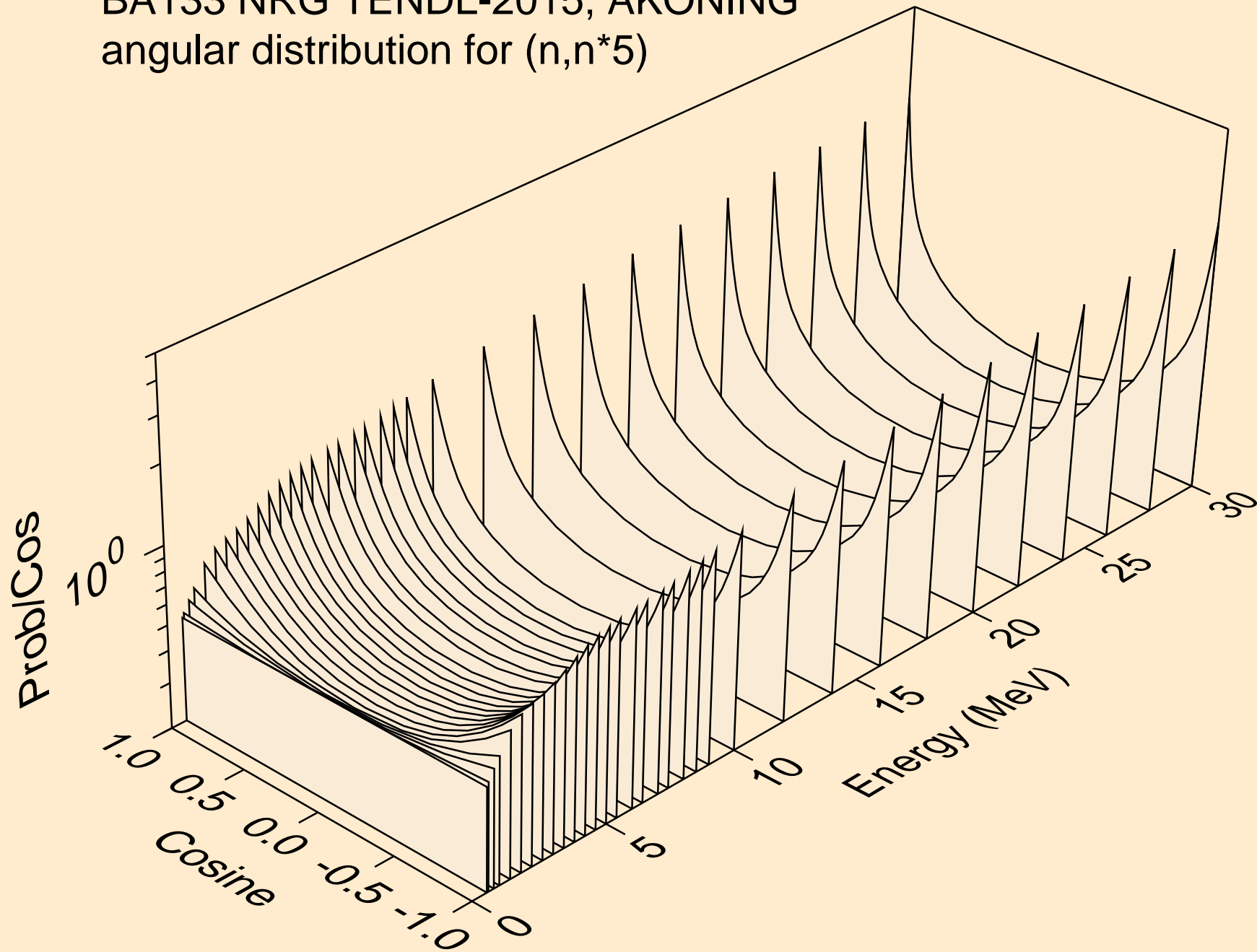
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



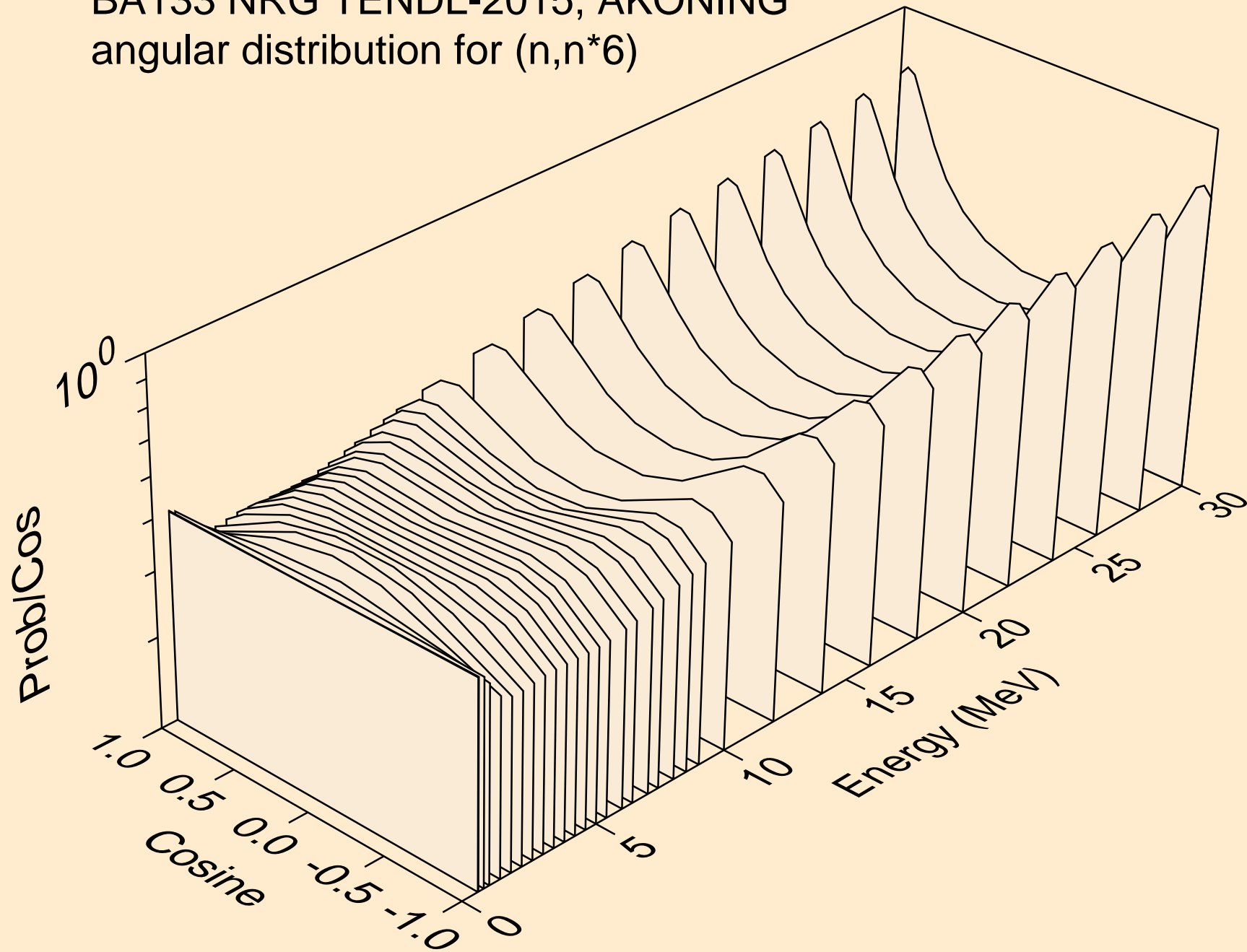
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

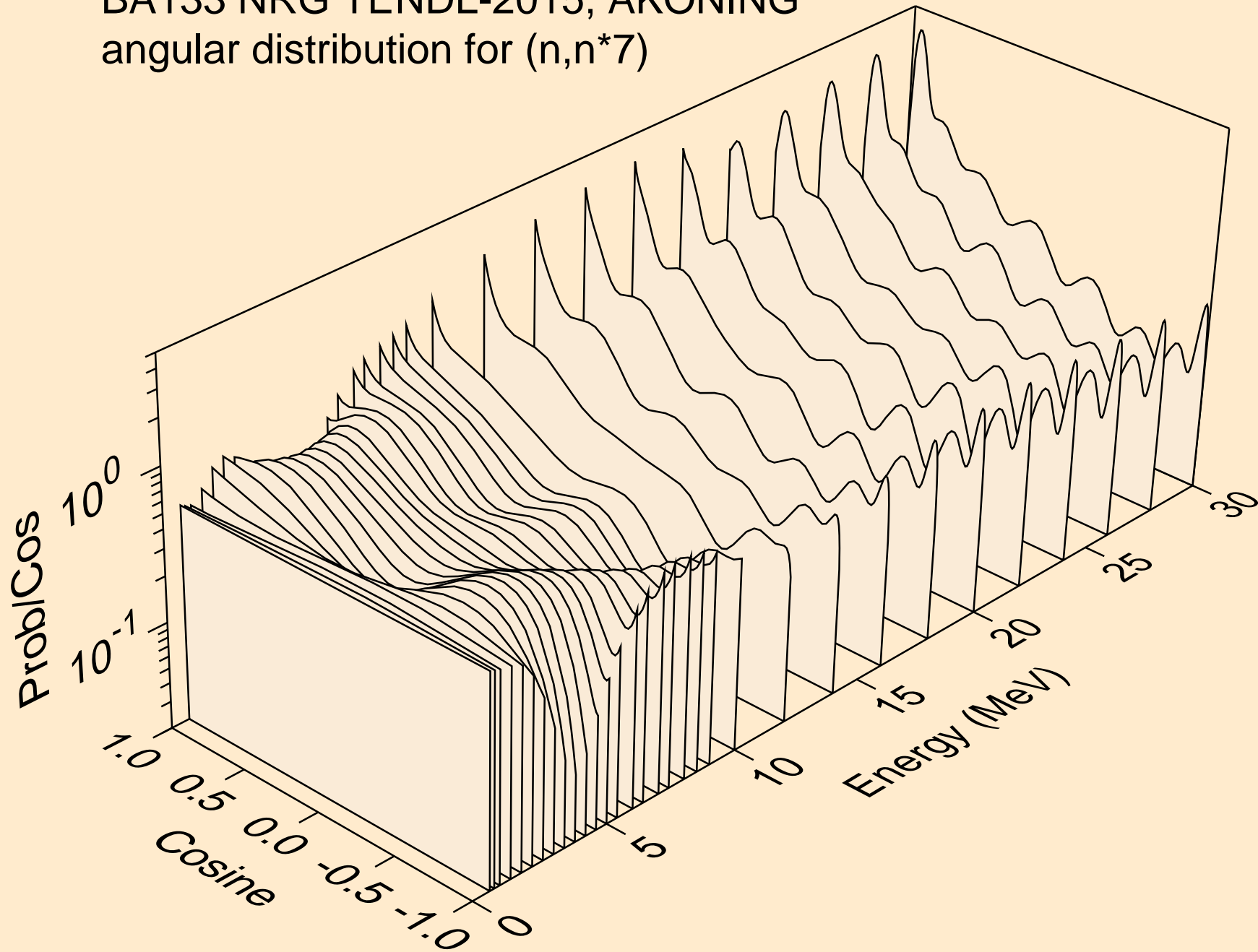


BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

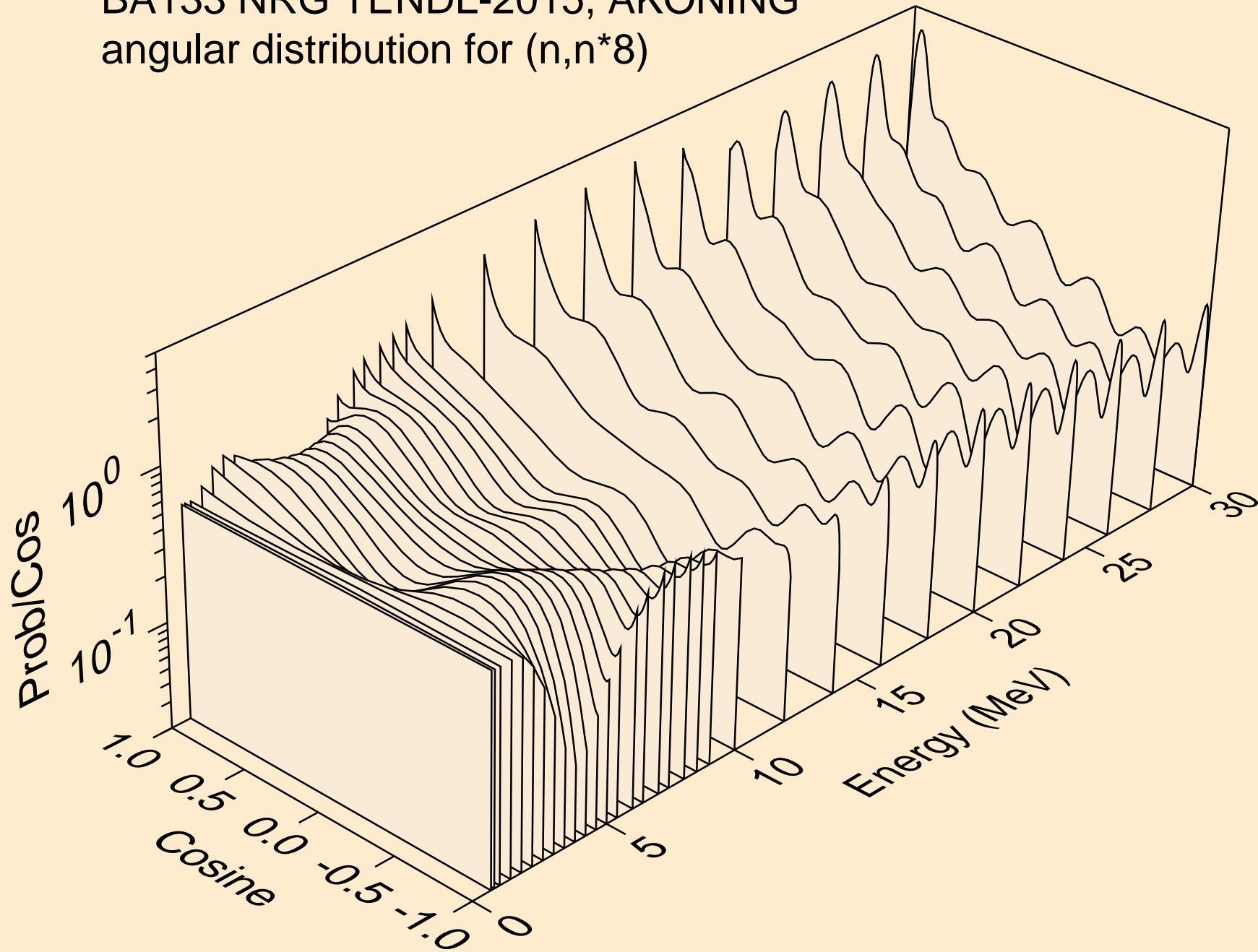




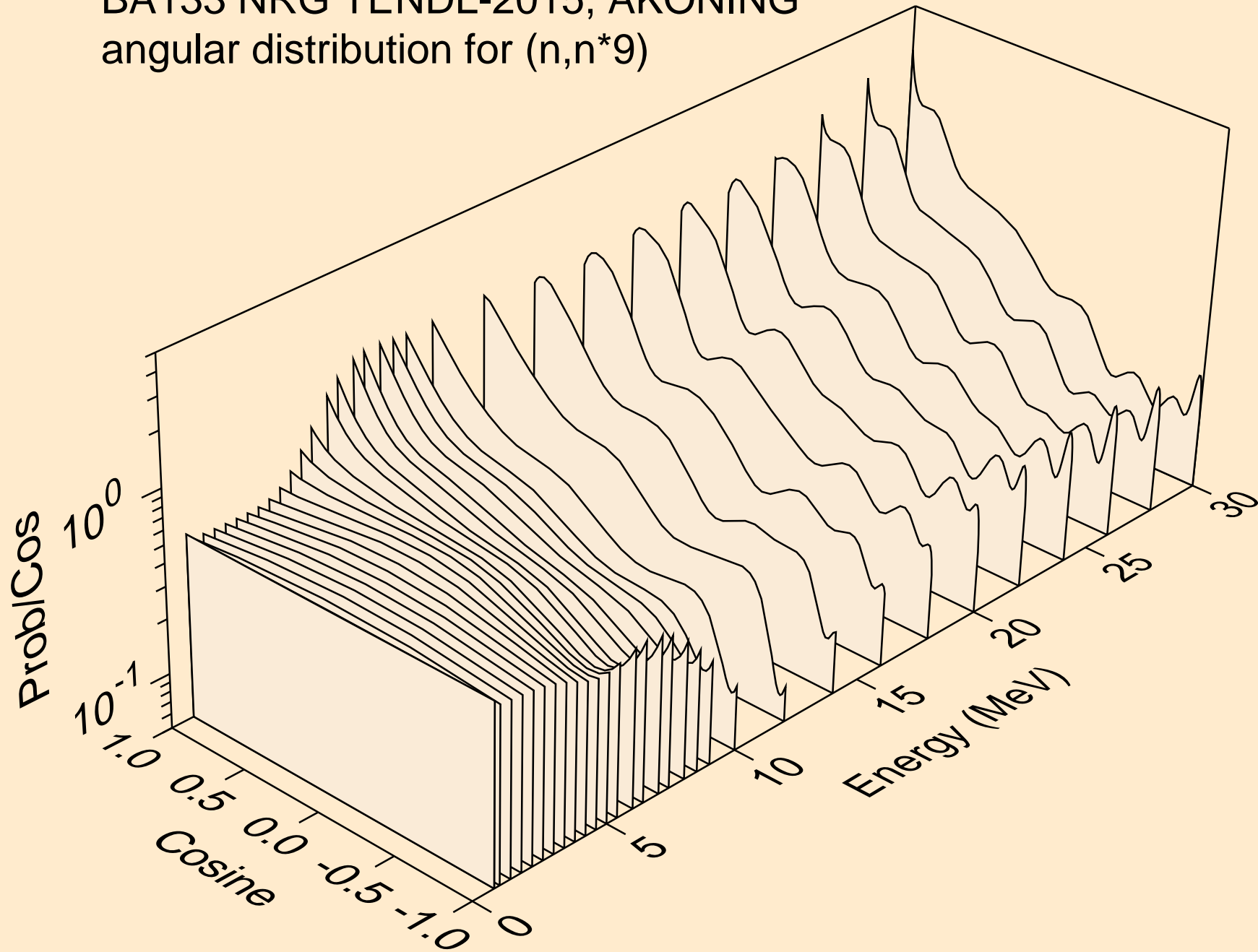
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



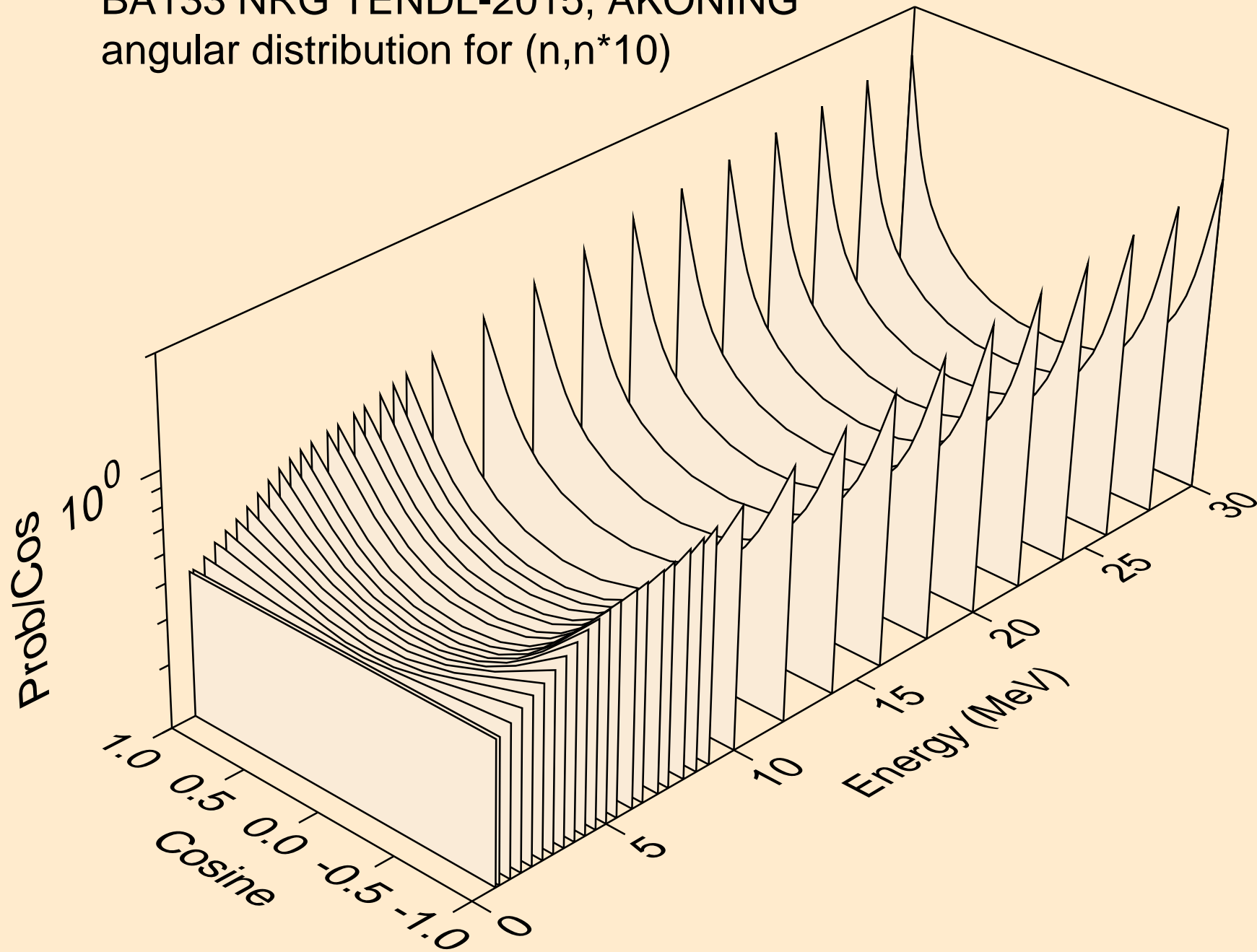
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



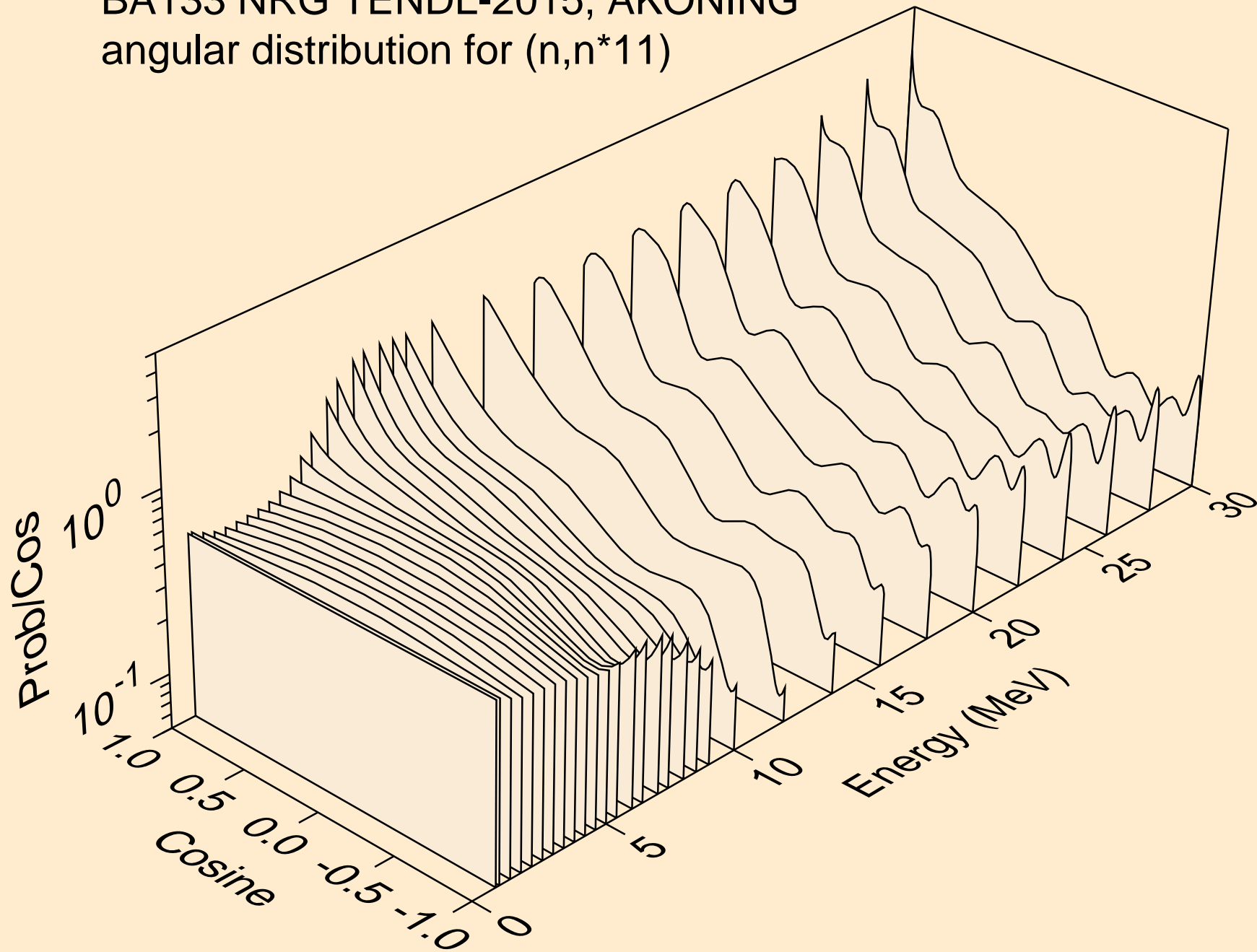
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



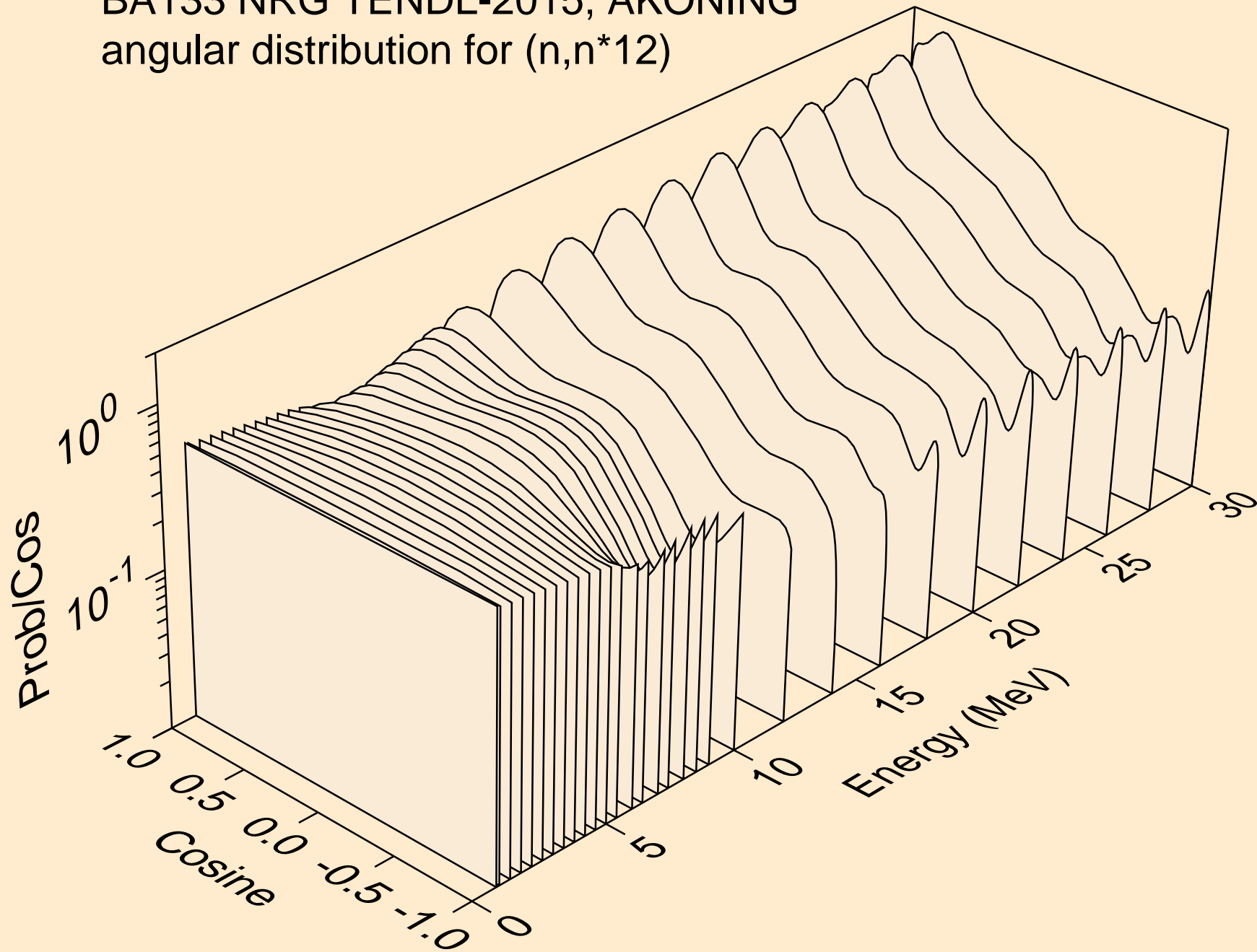
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



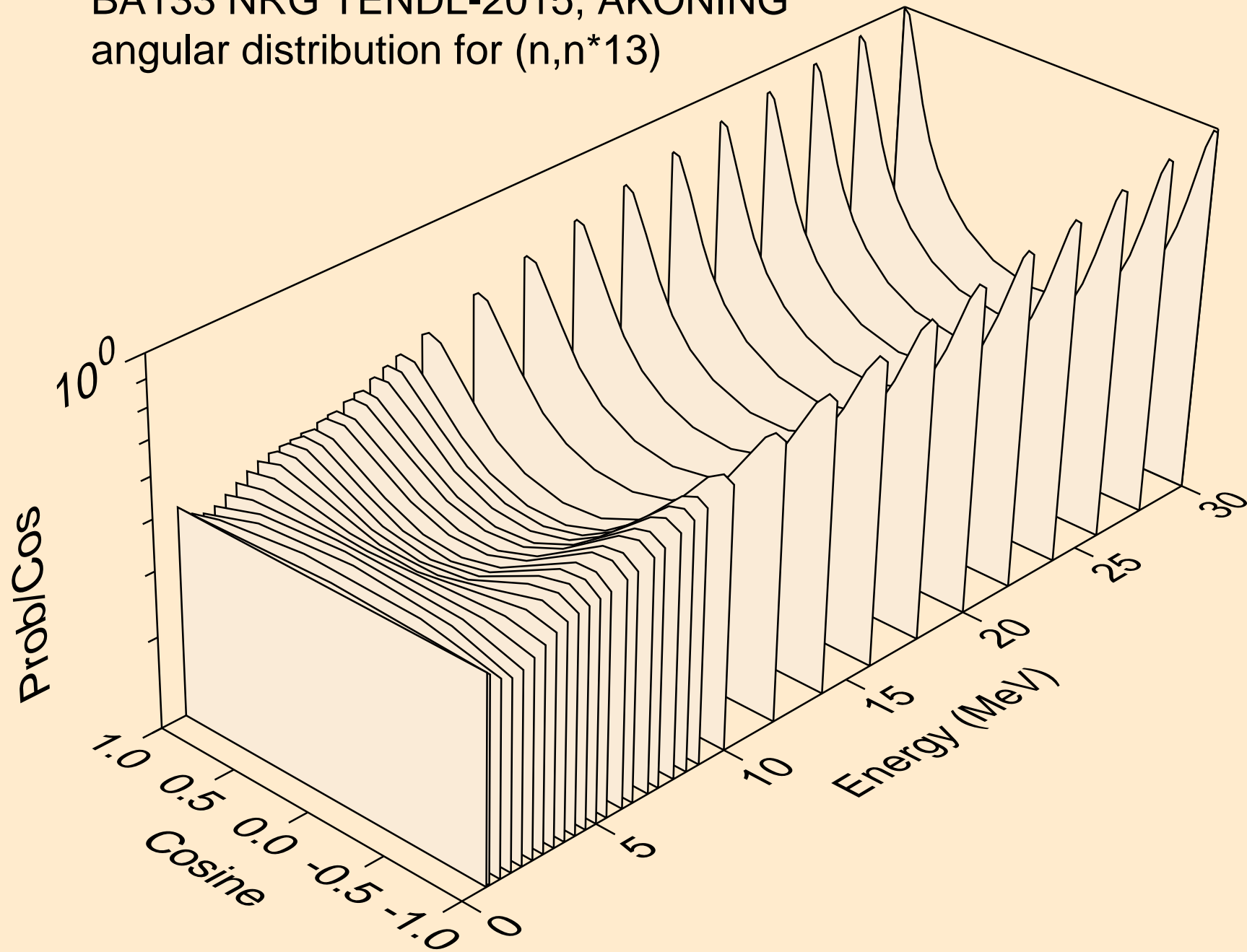
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



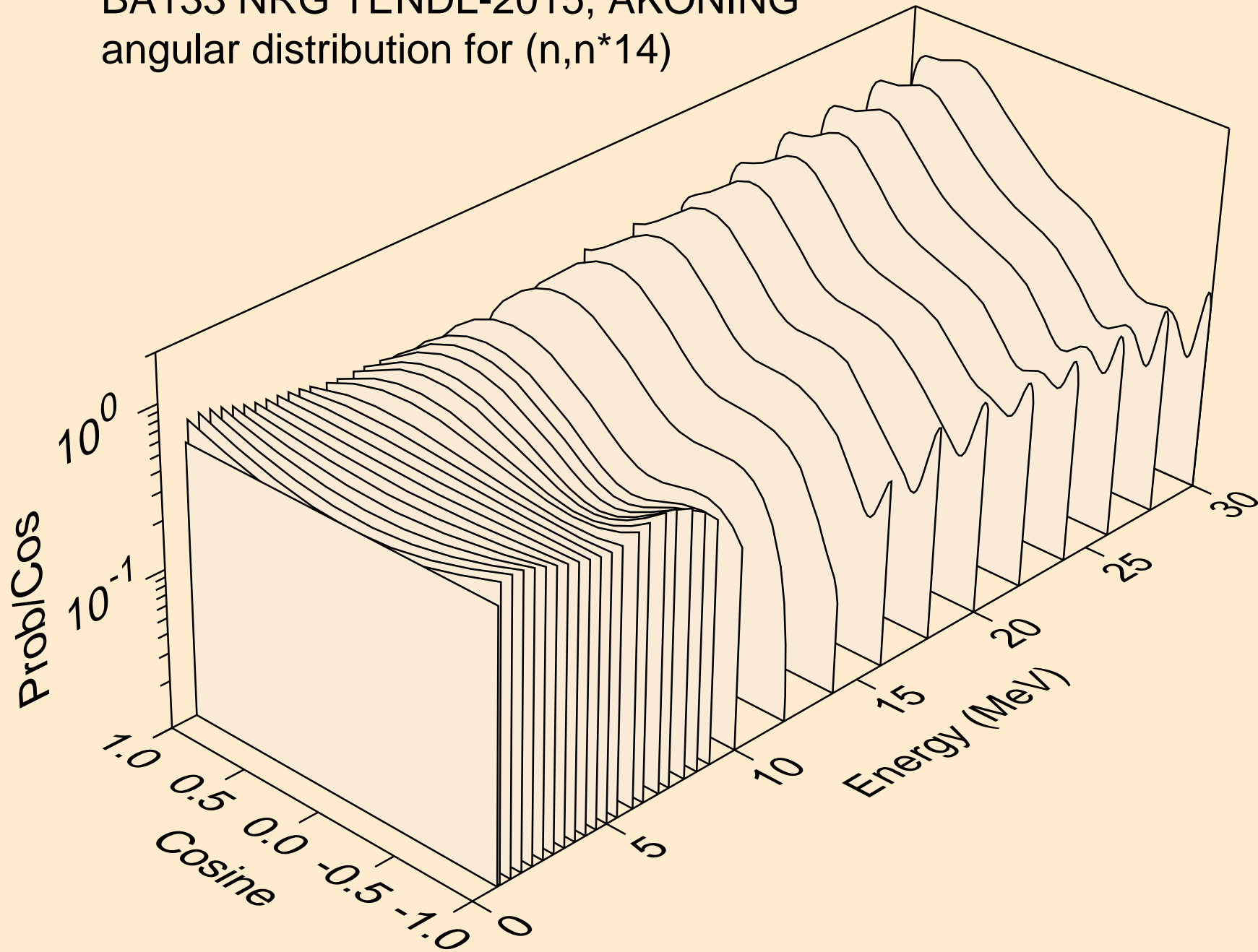
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

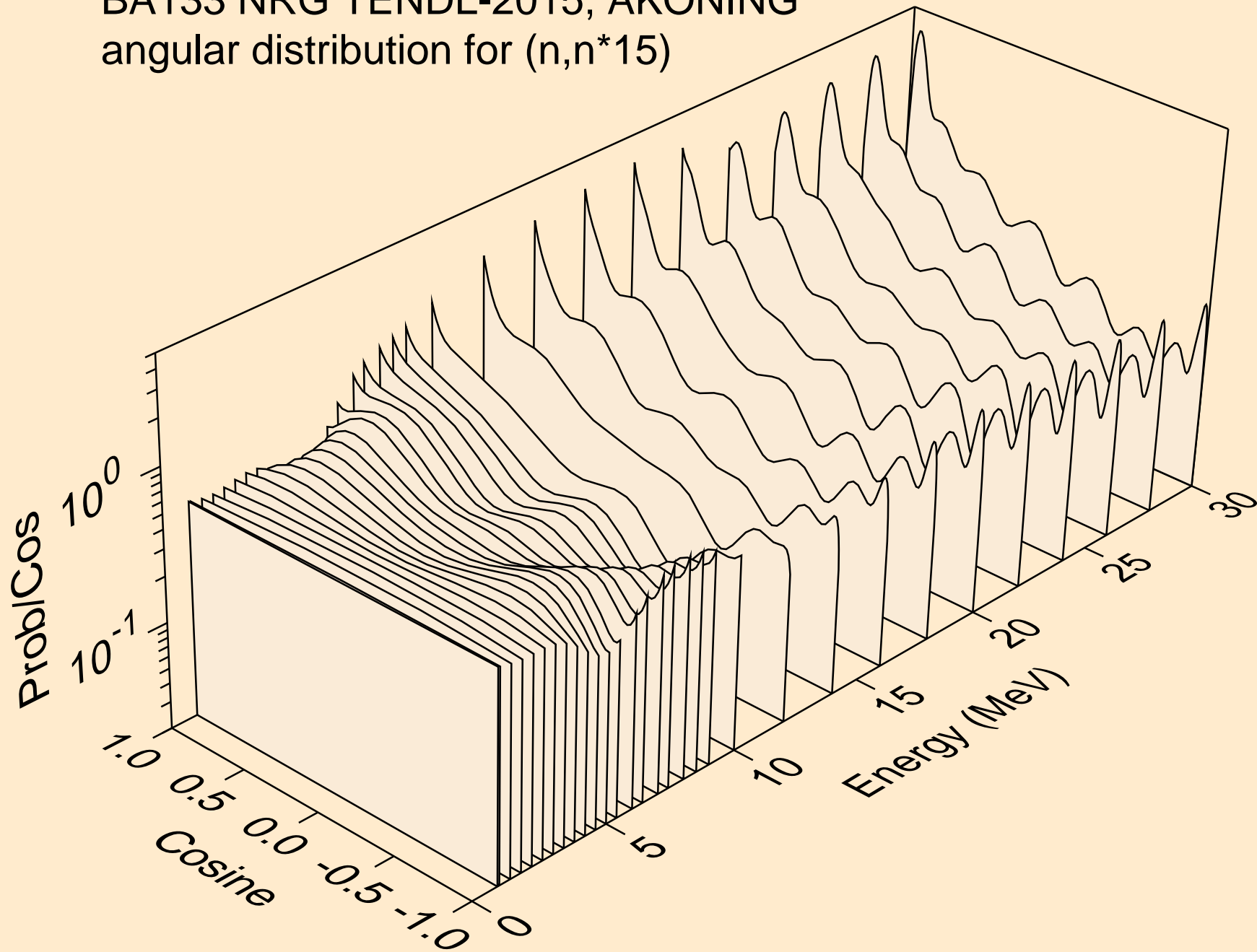


BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

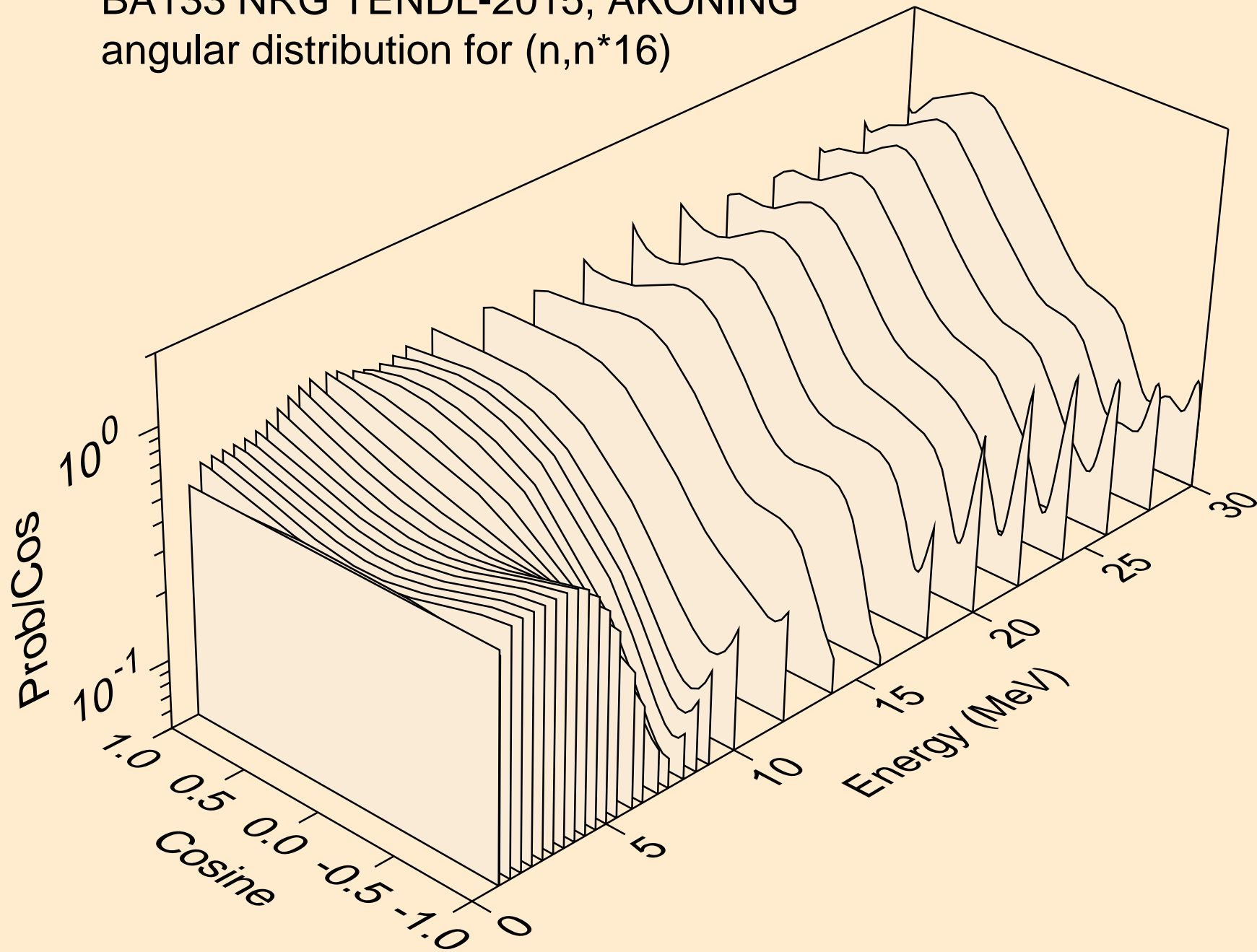




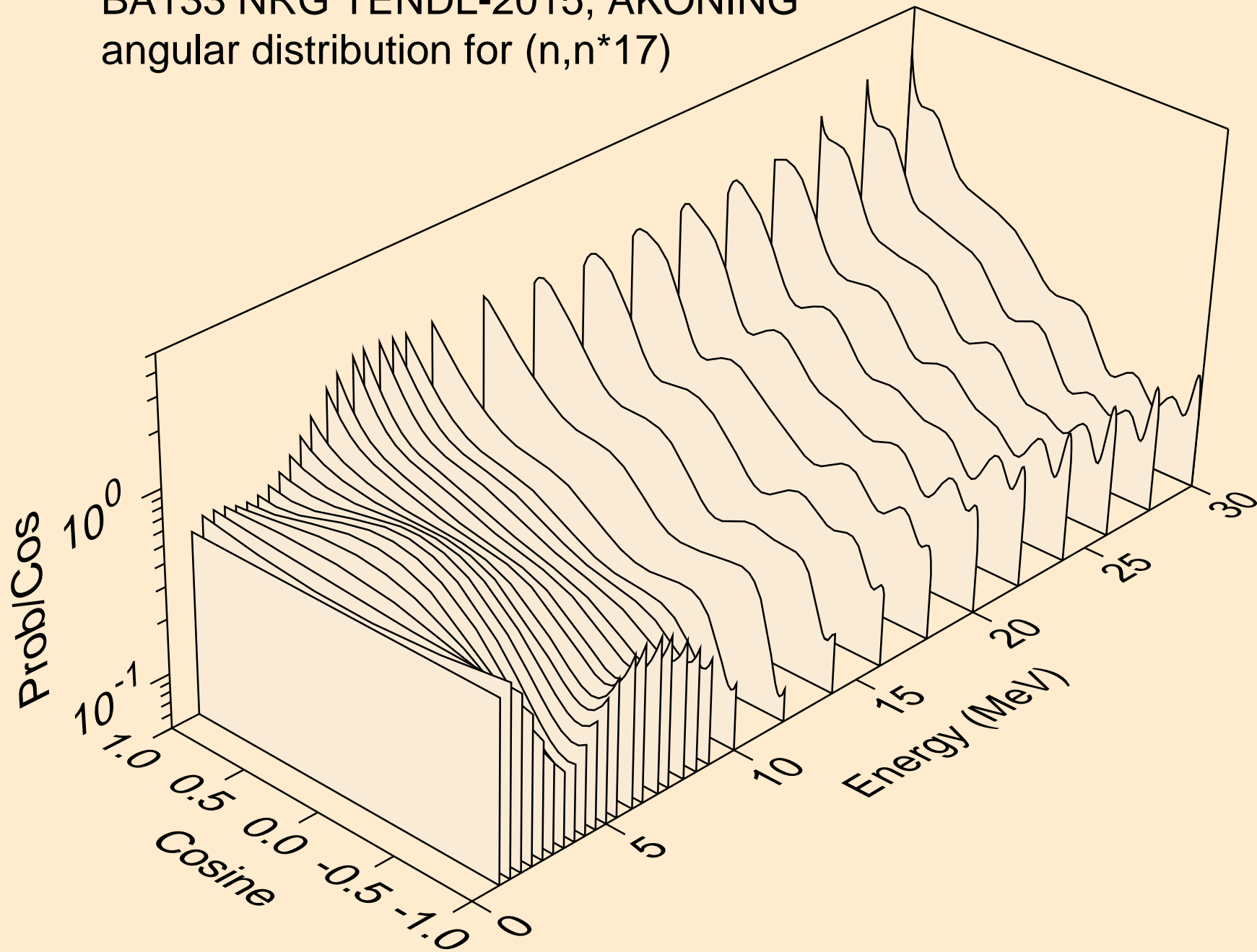
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



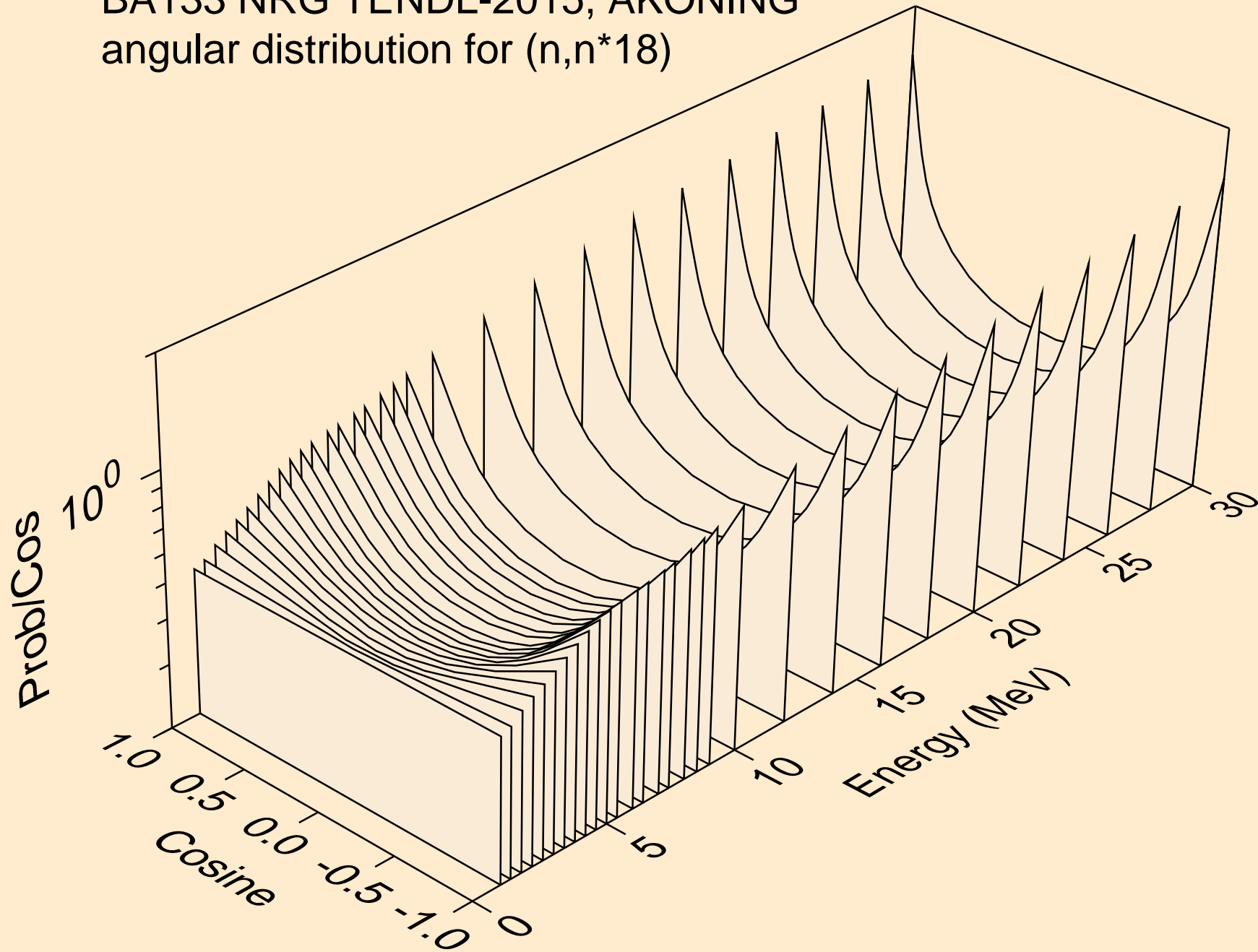
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



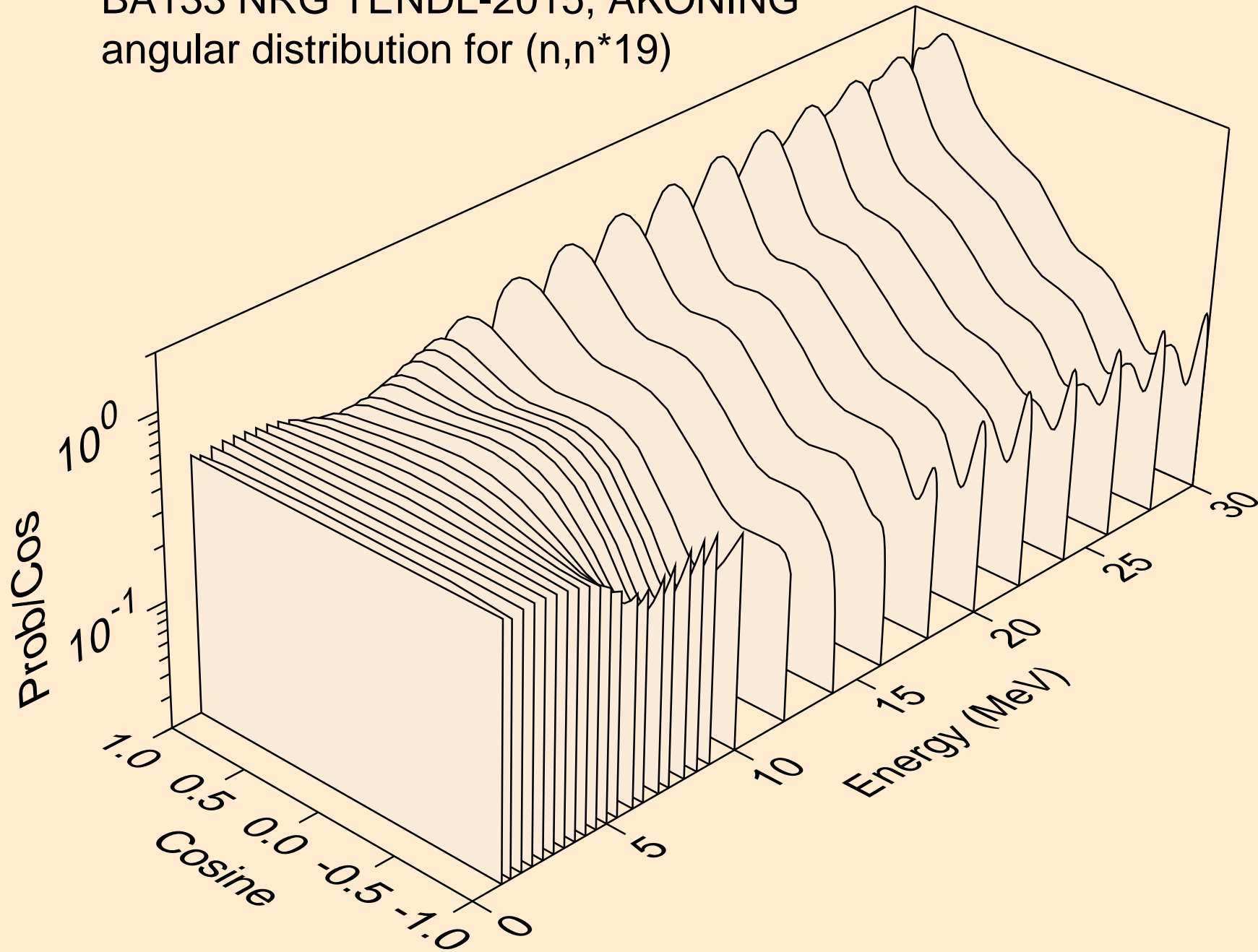
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



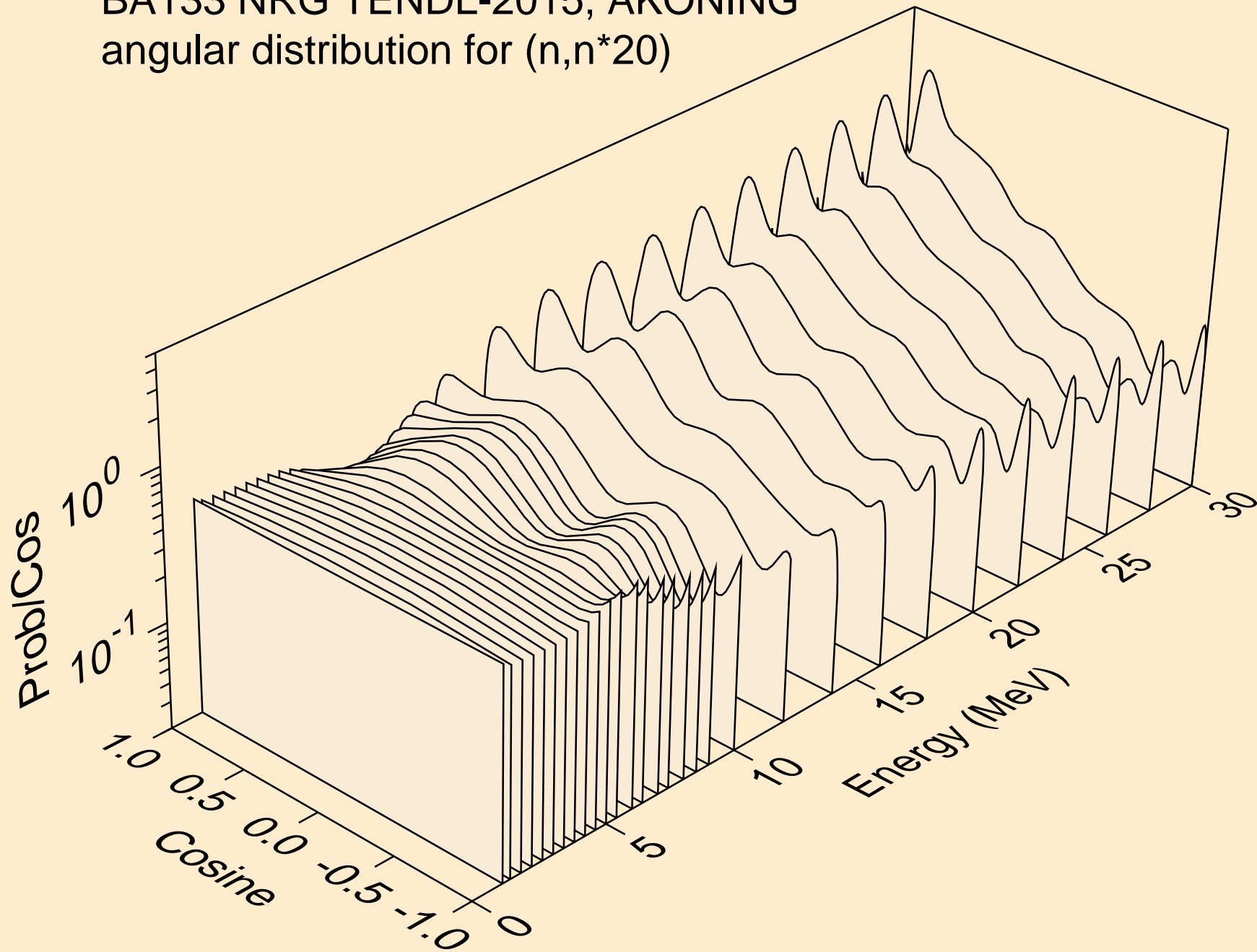
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



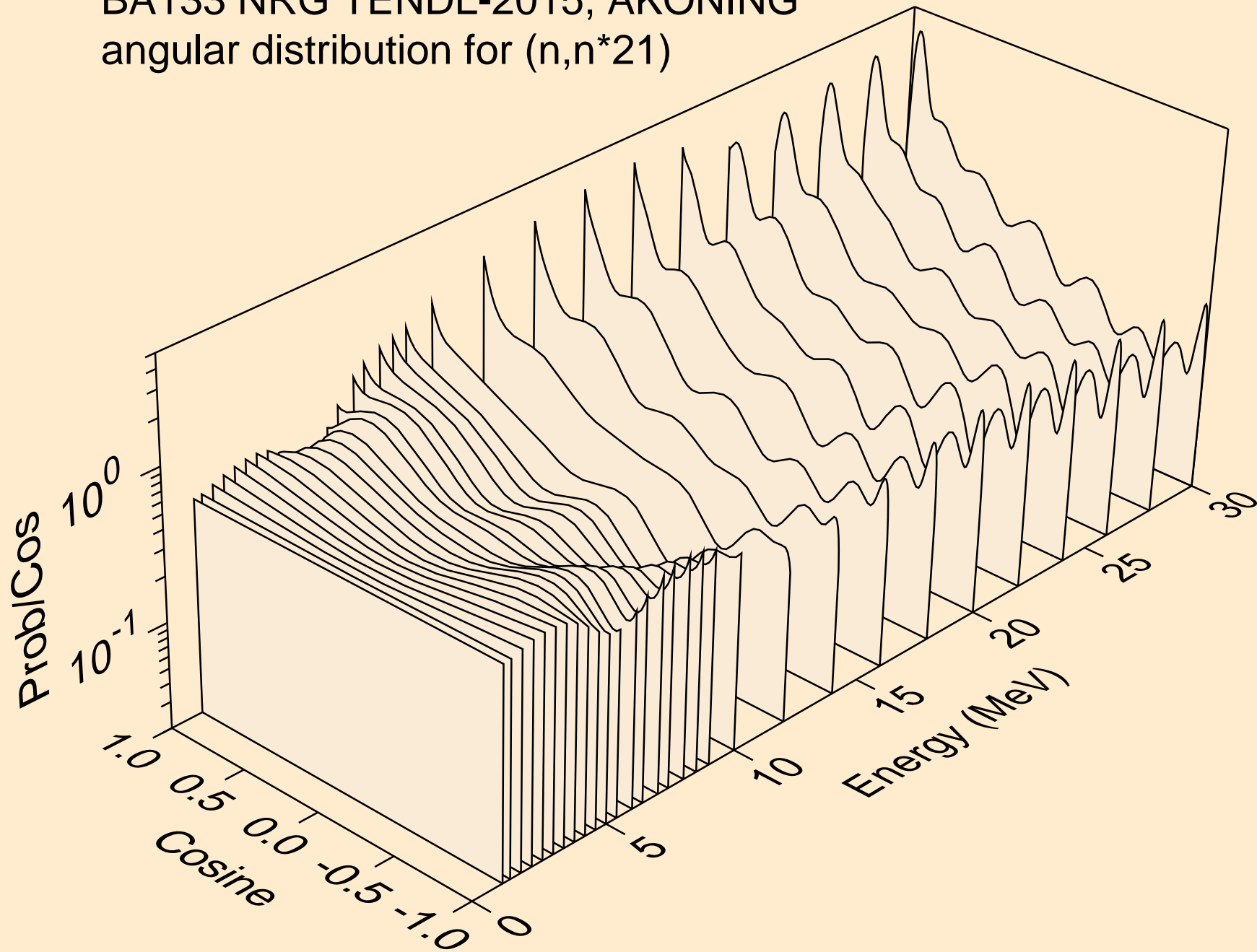
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



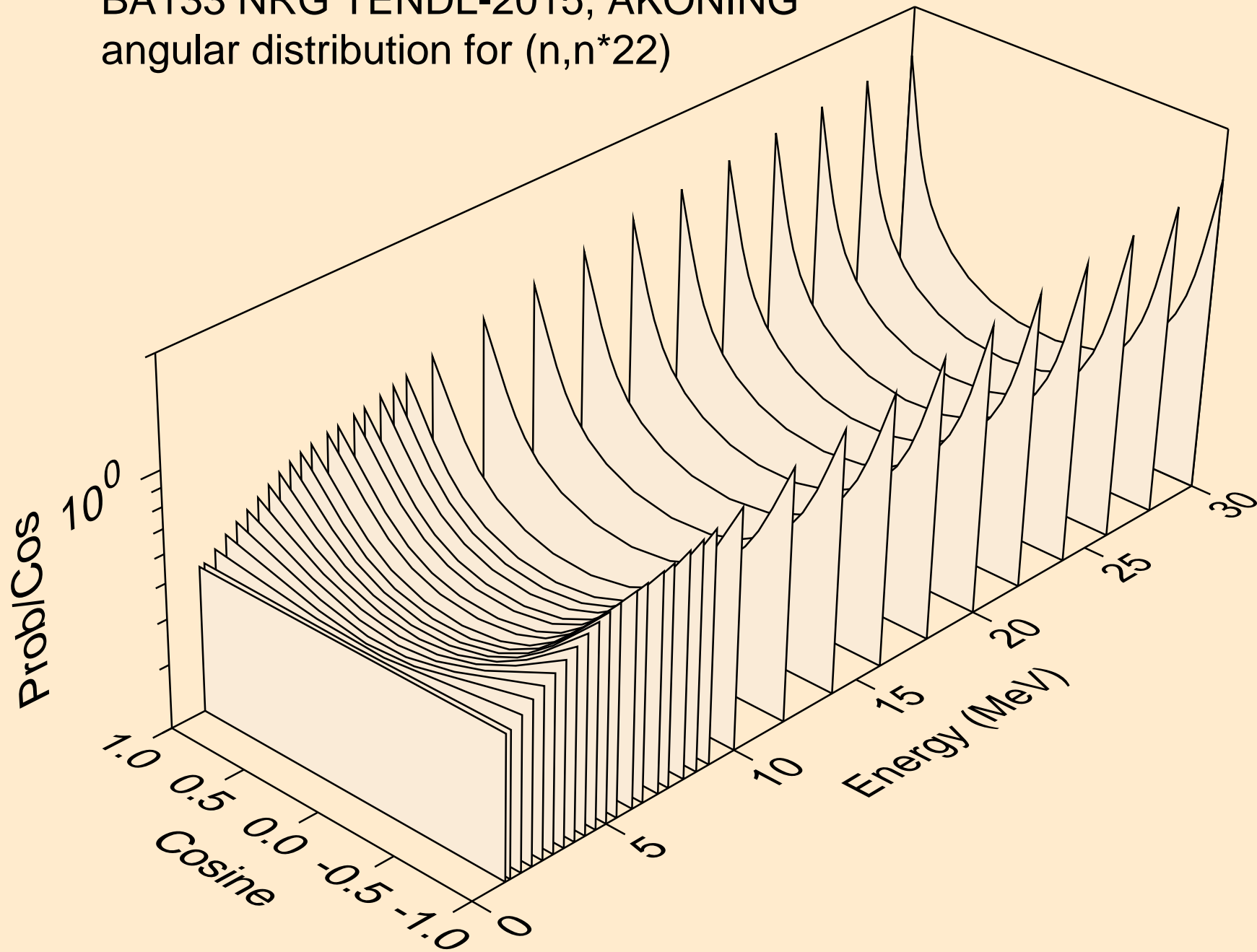
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

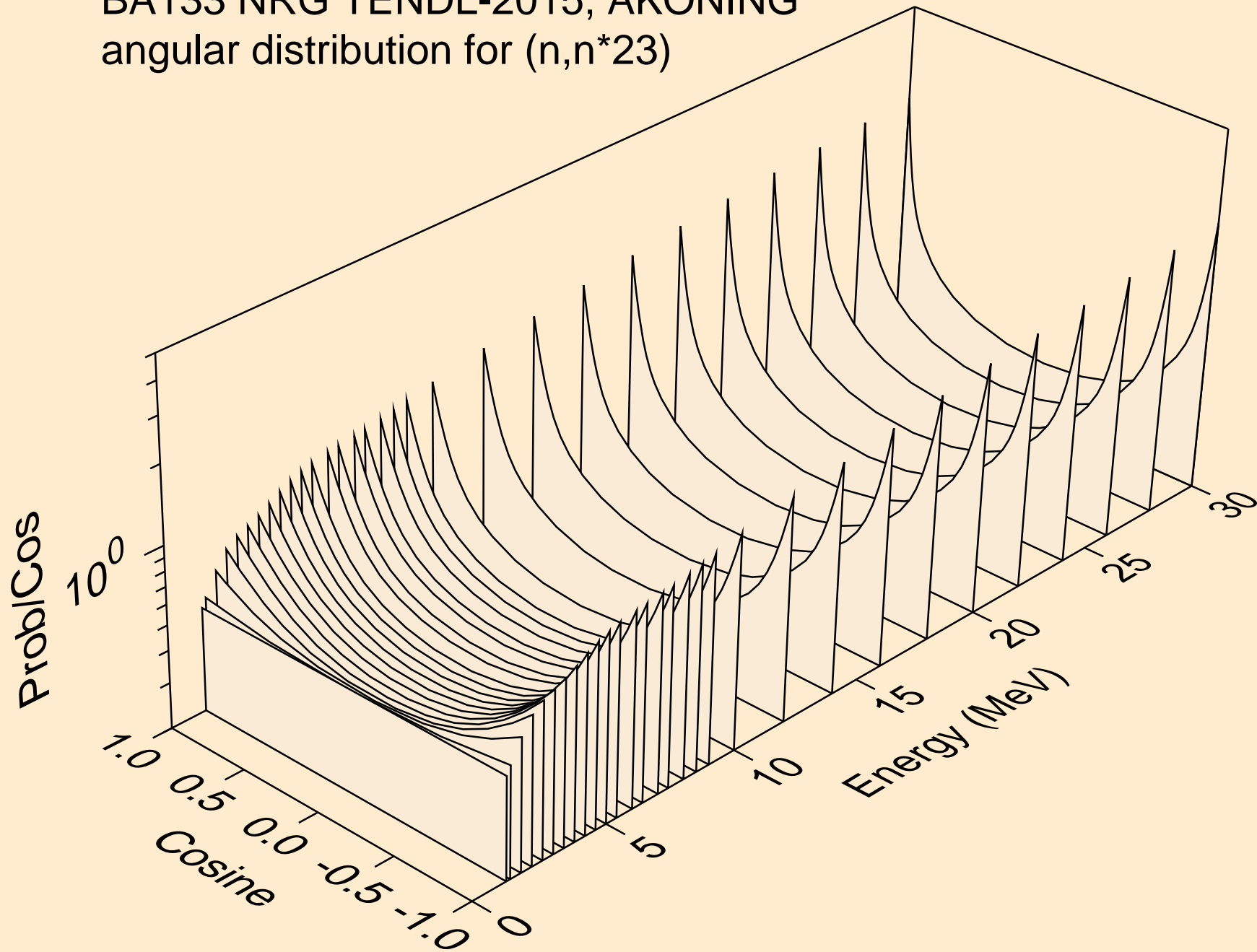


BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

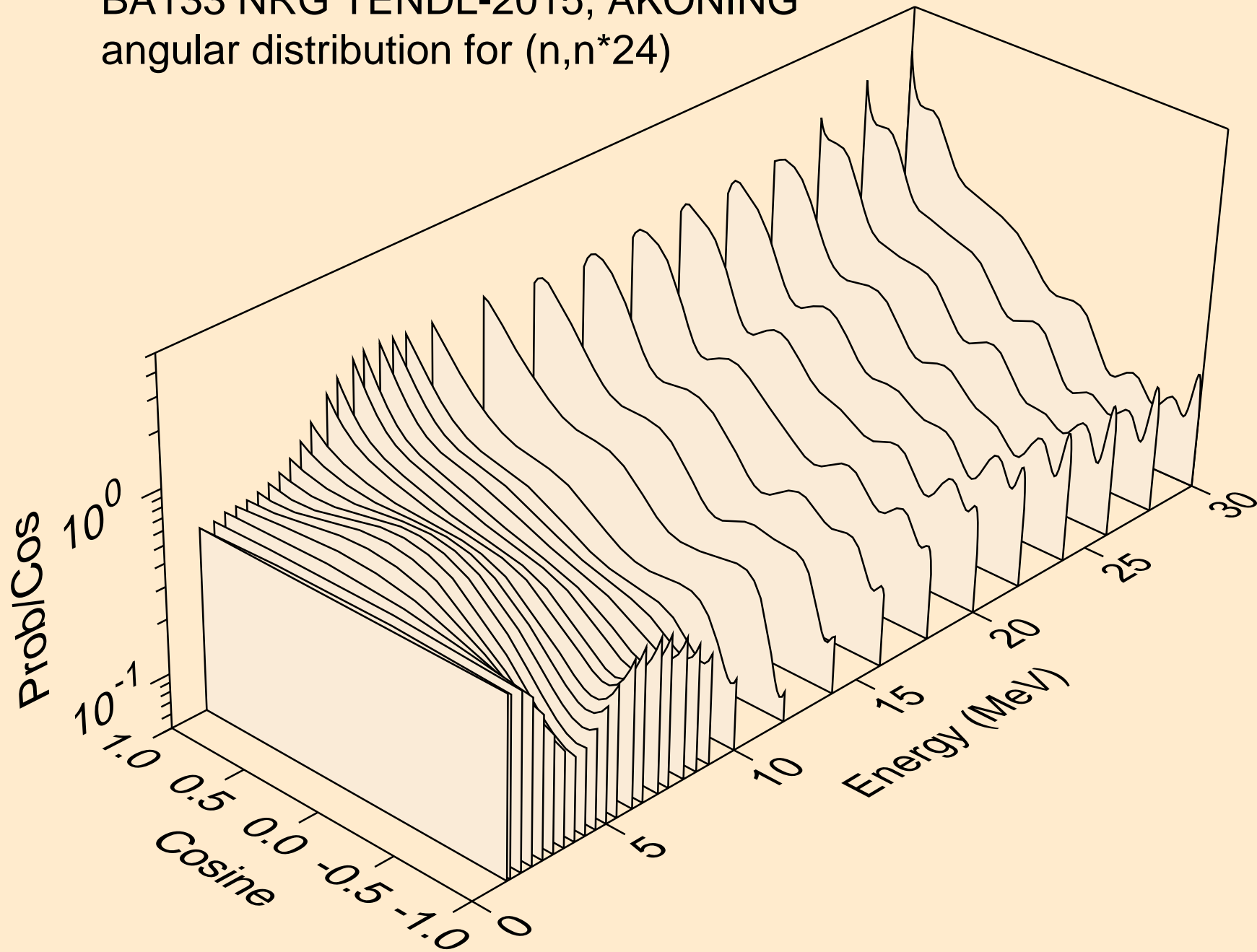




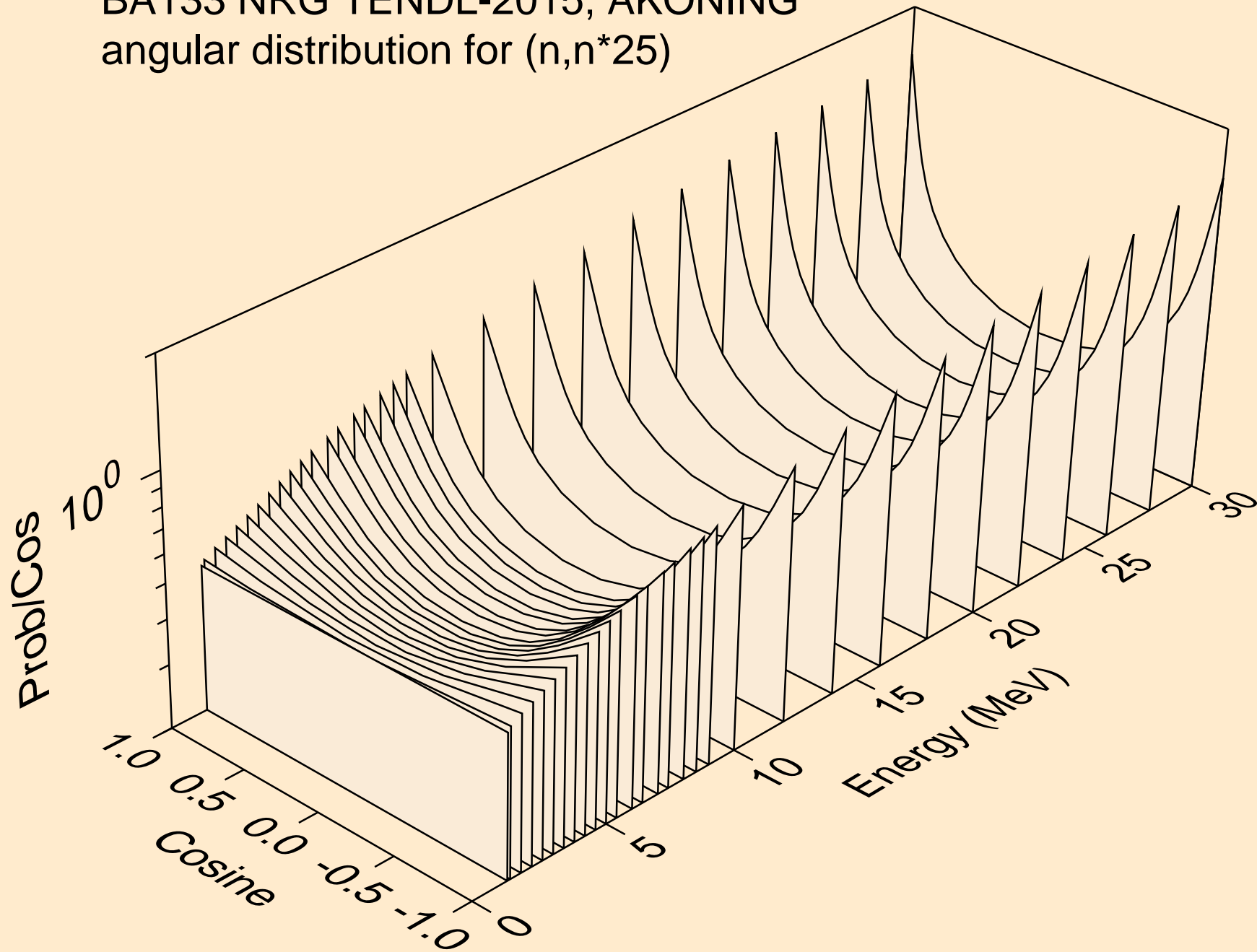
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



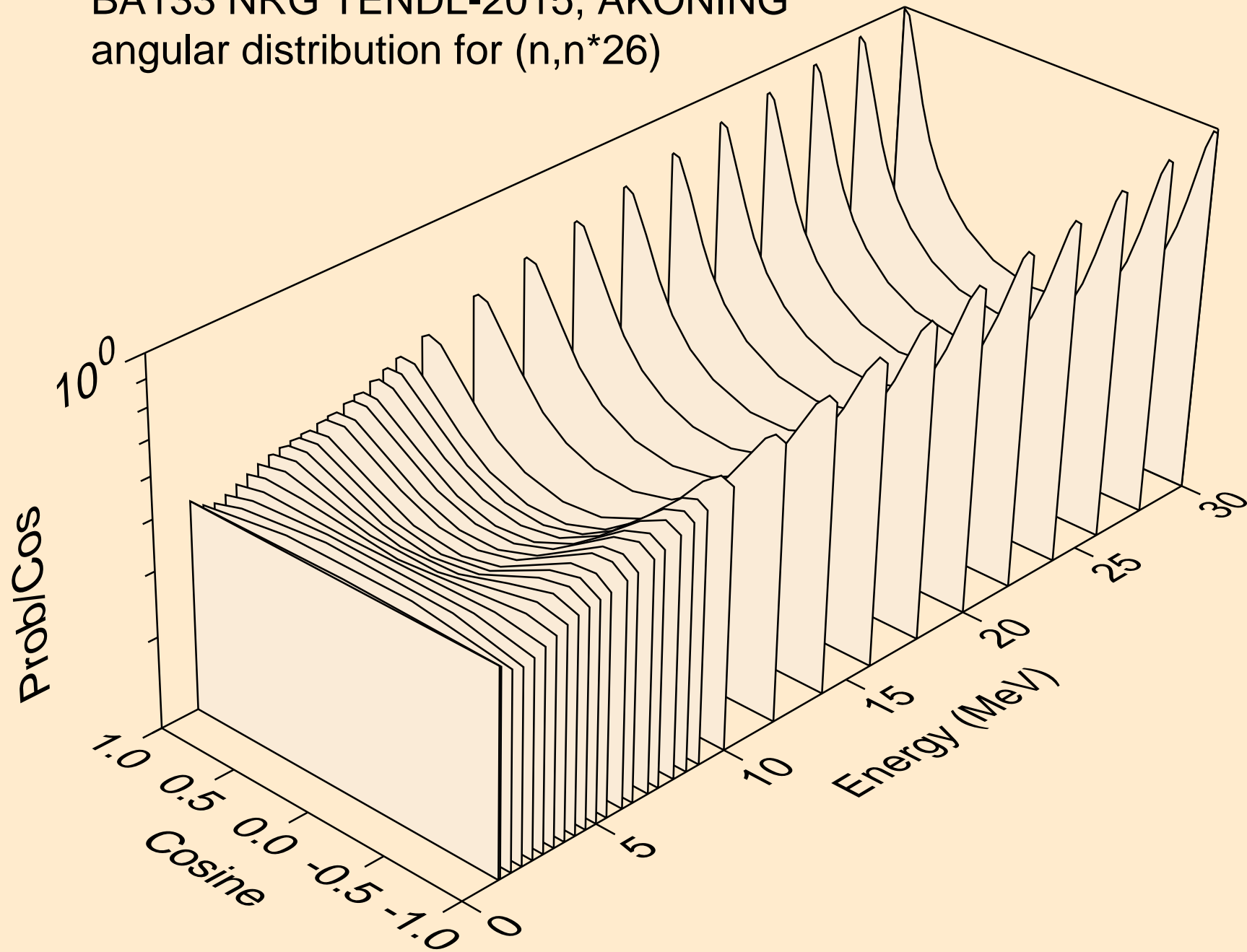
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



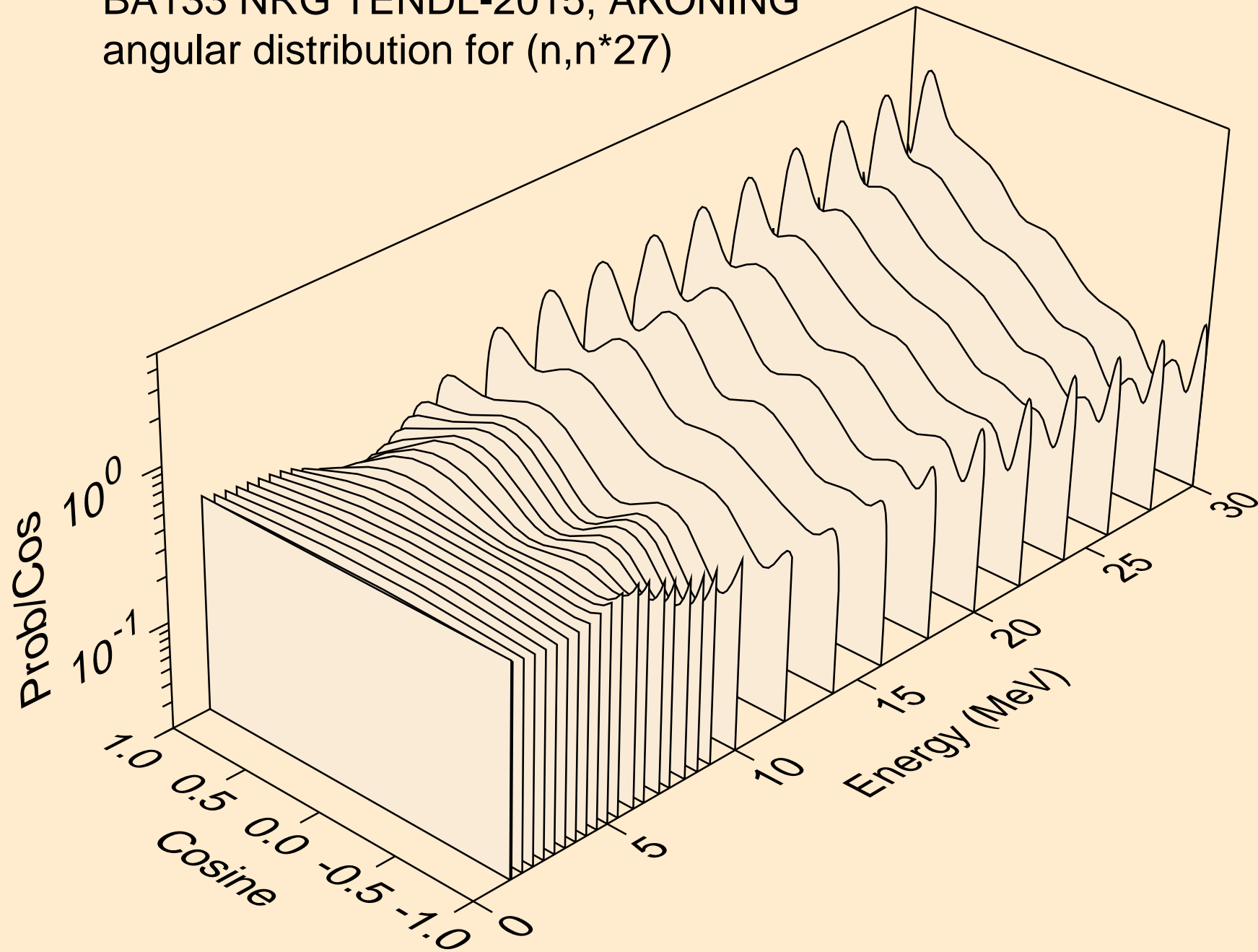
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



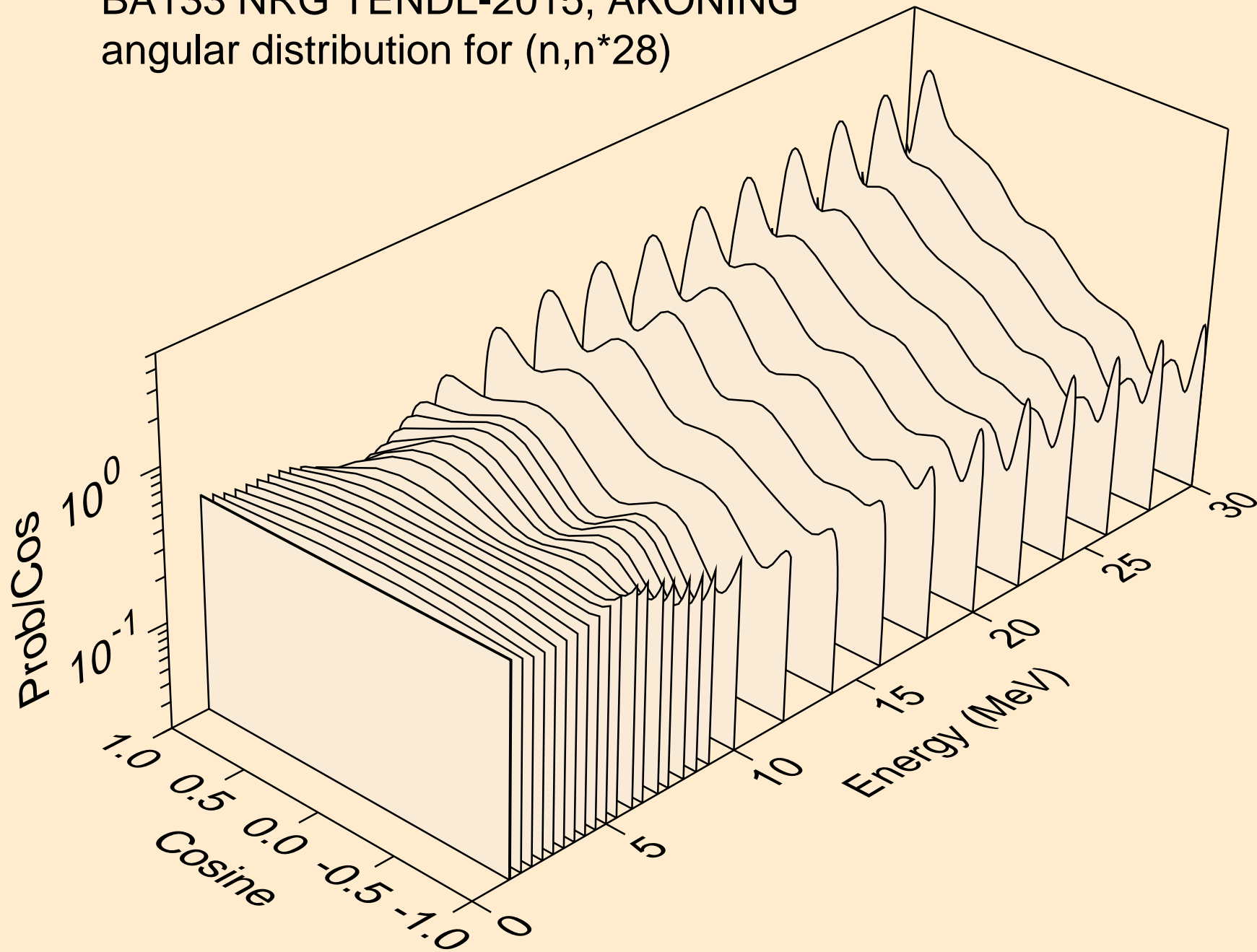
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



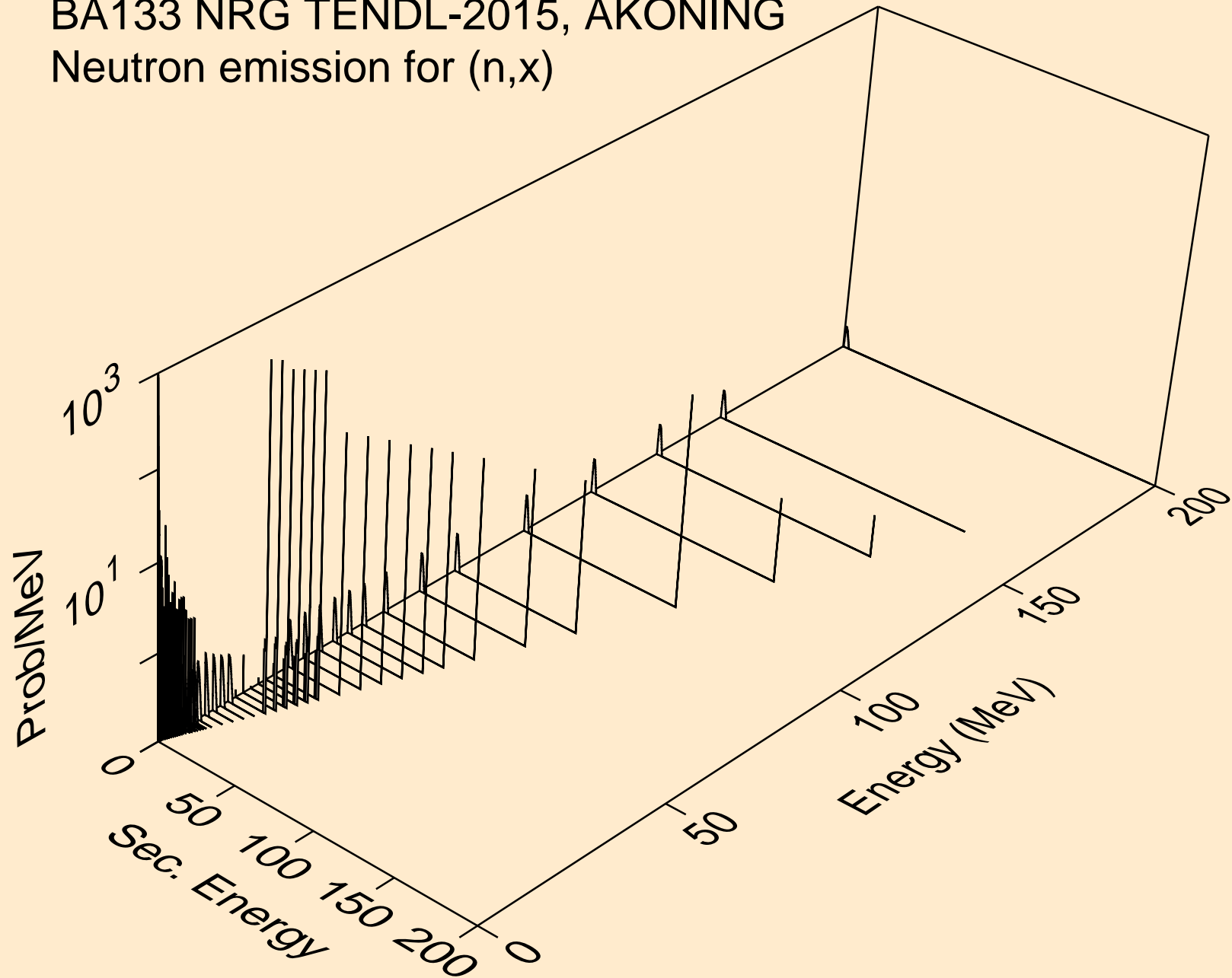
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



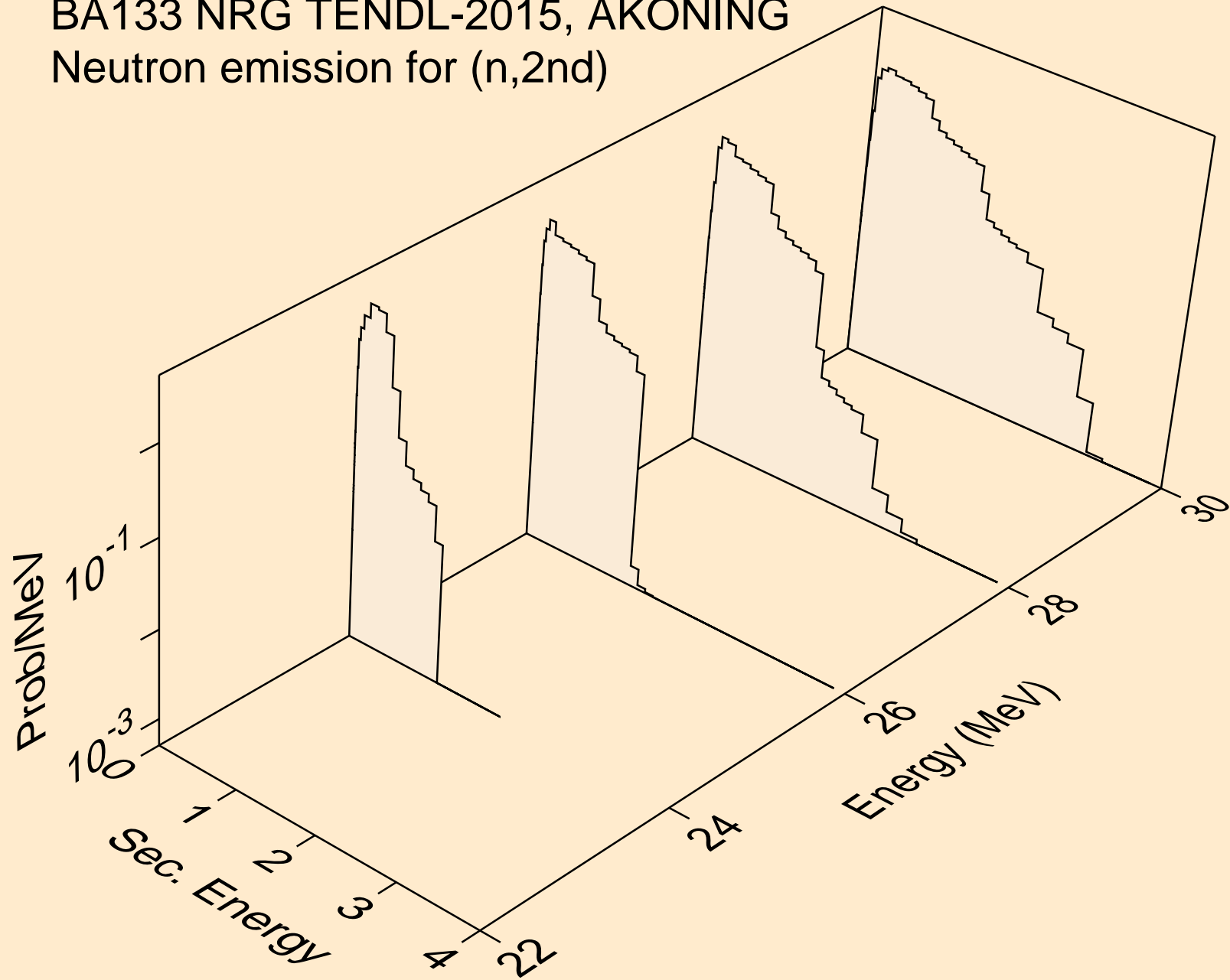
BA133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

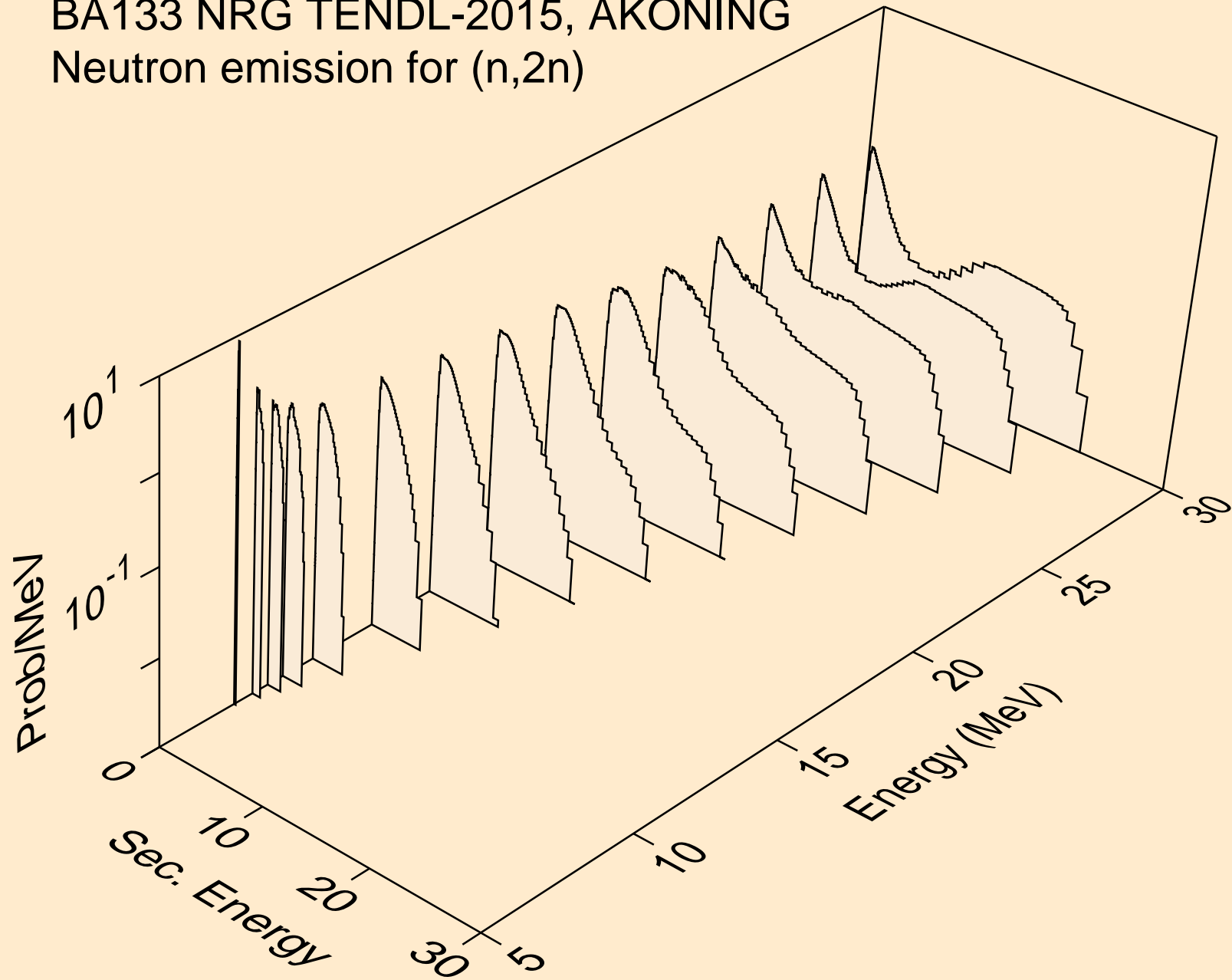


BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

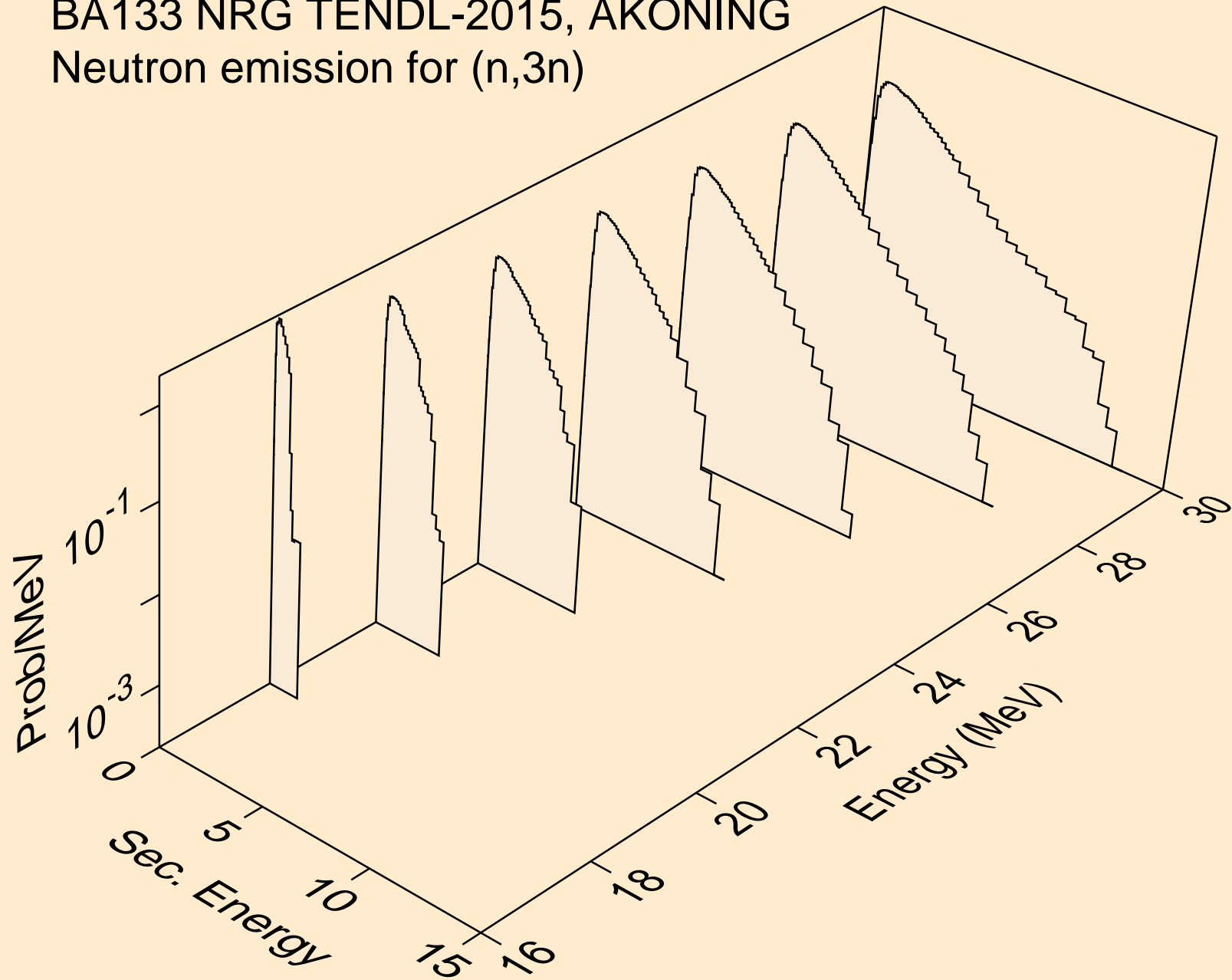




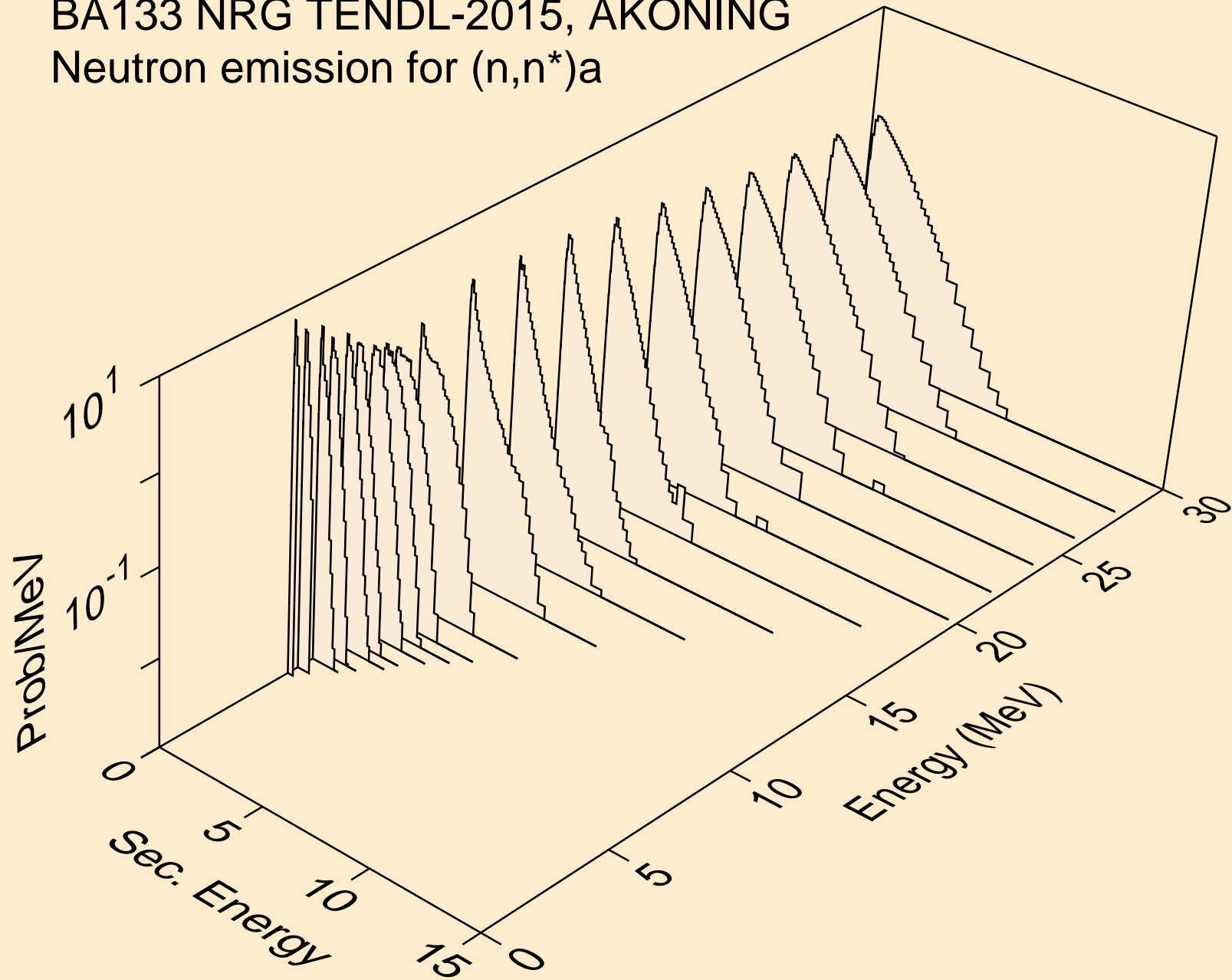
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



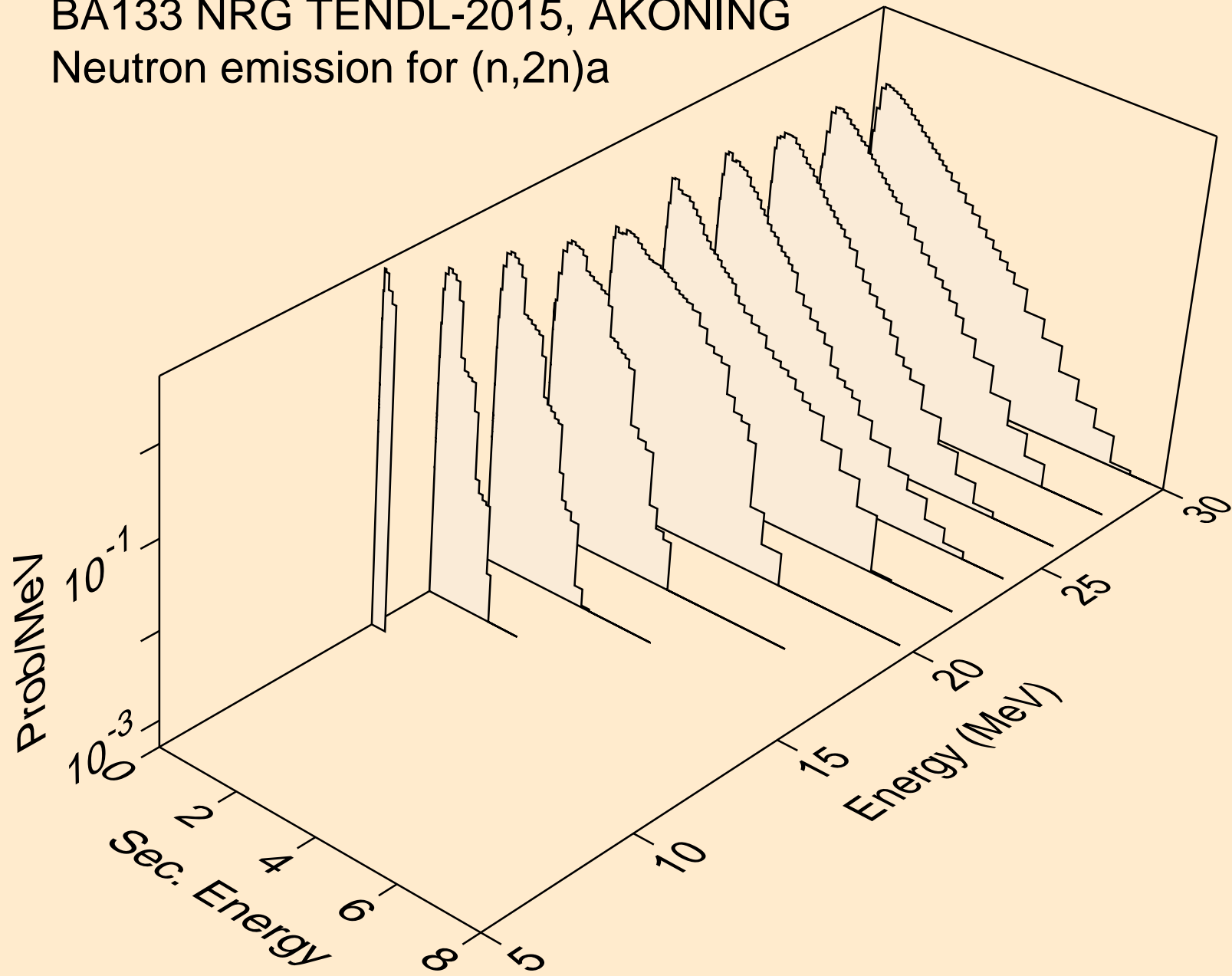
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



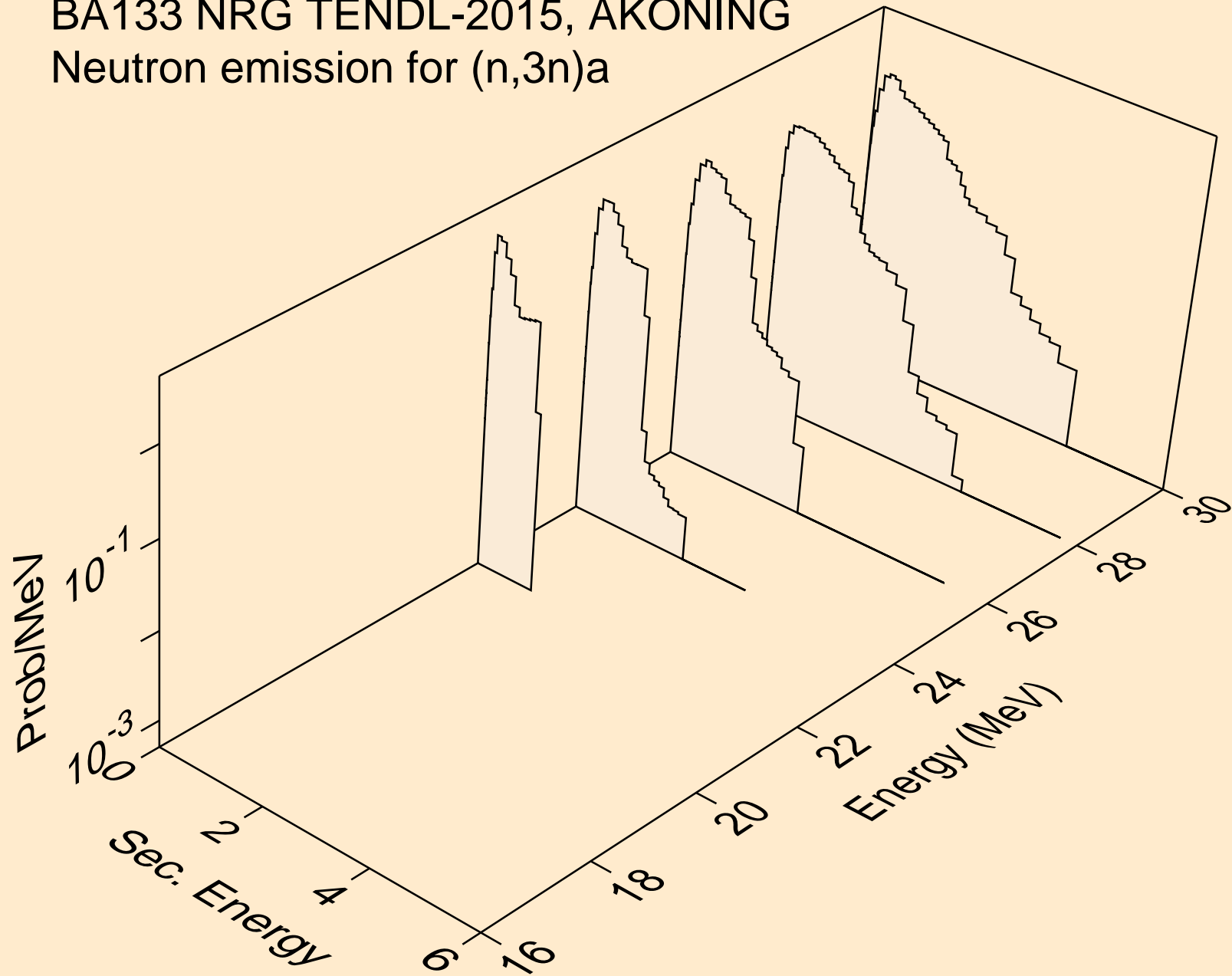
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



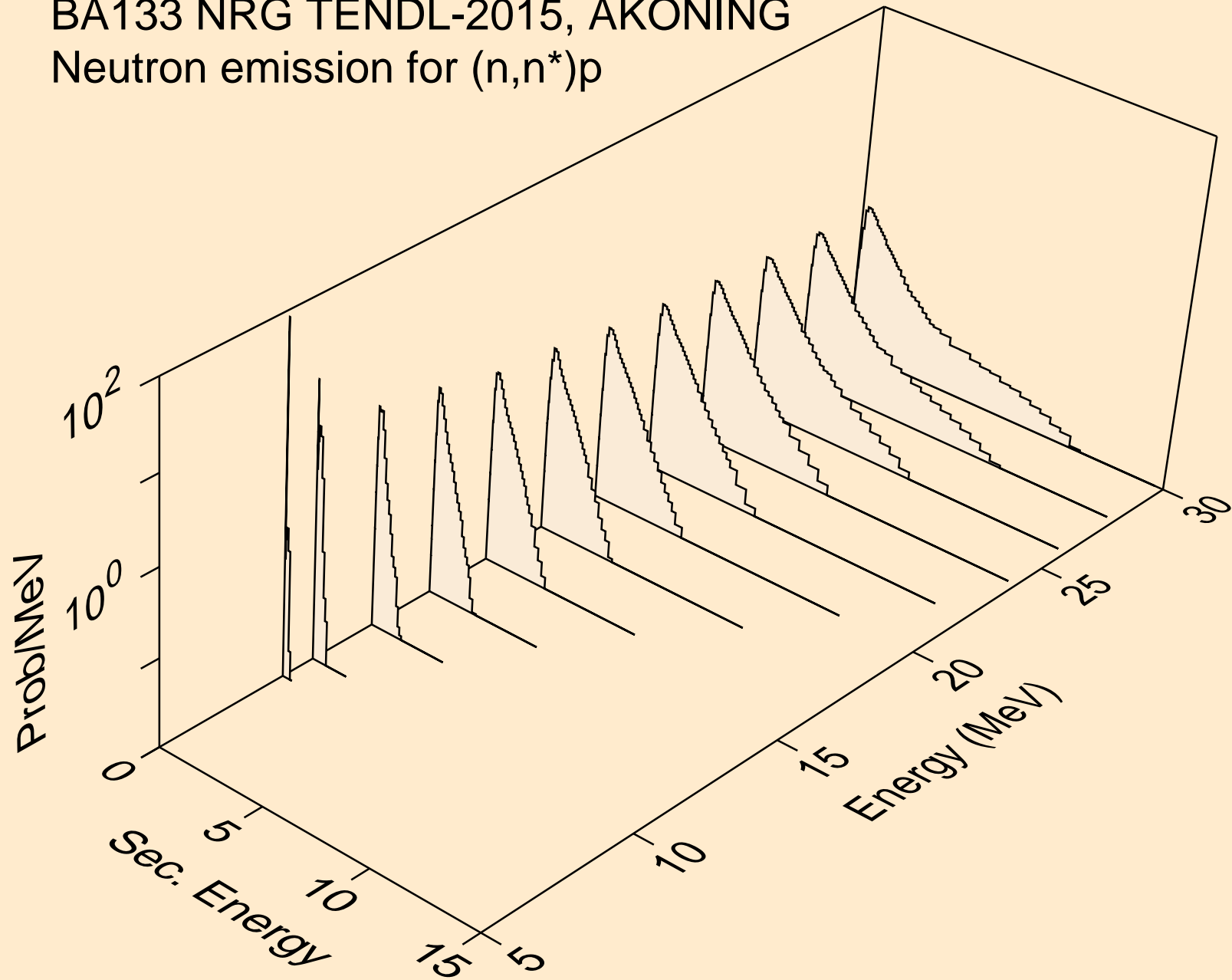
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



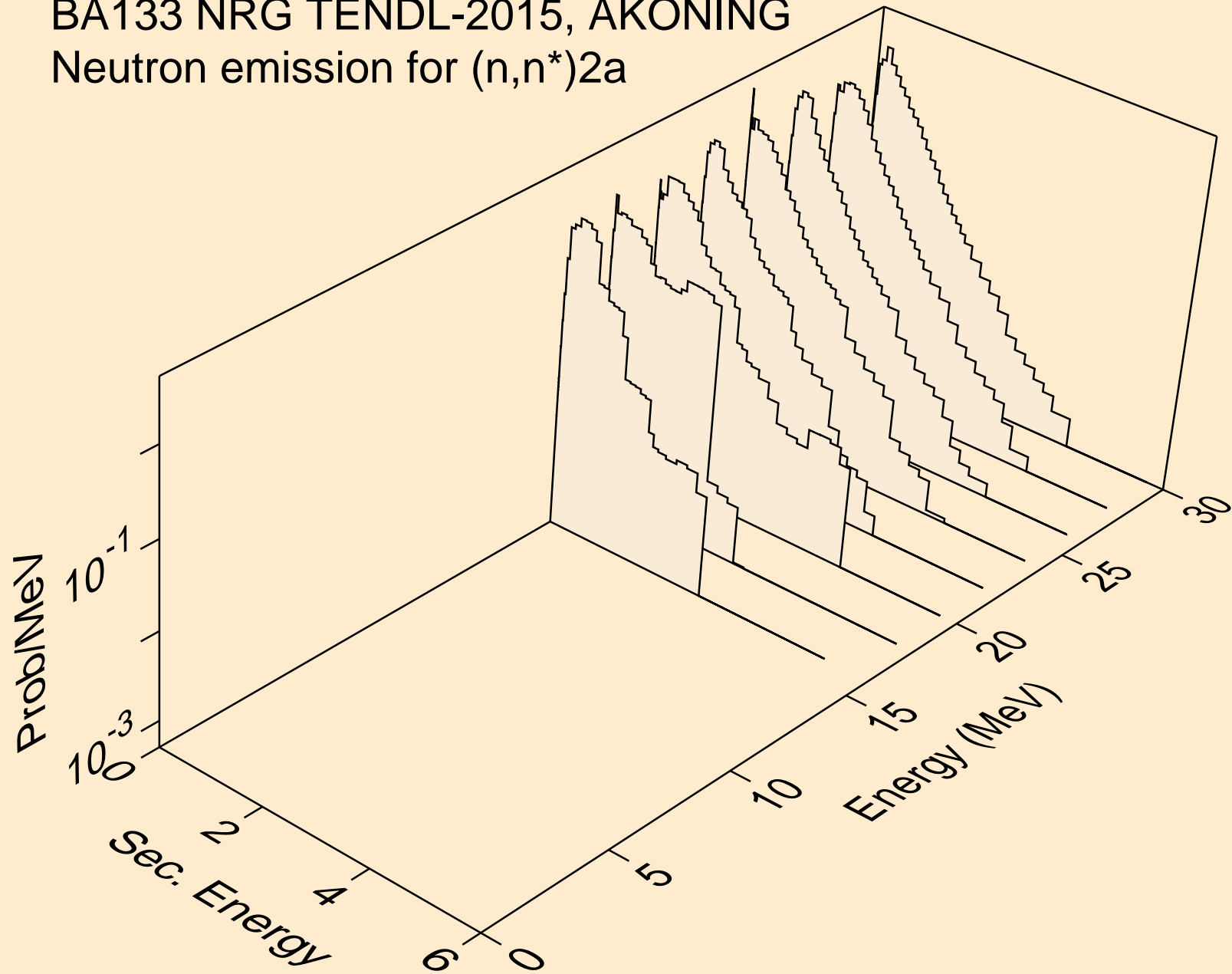
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



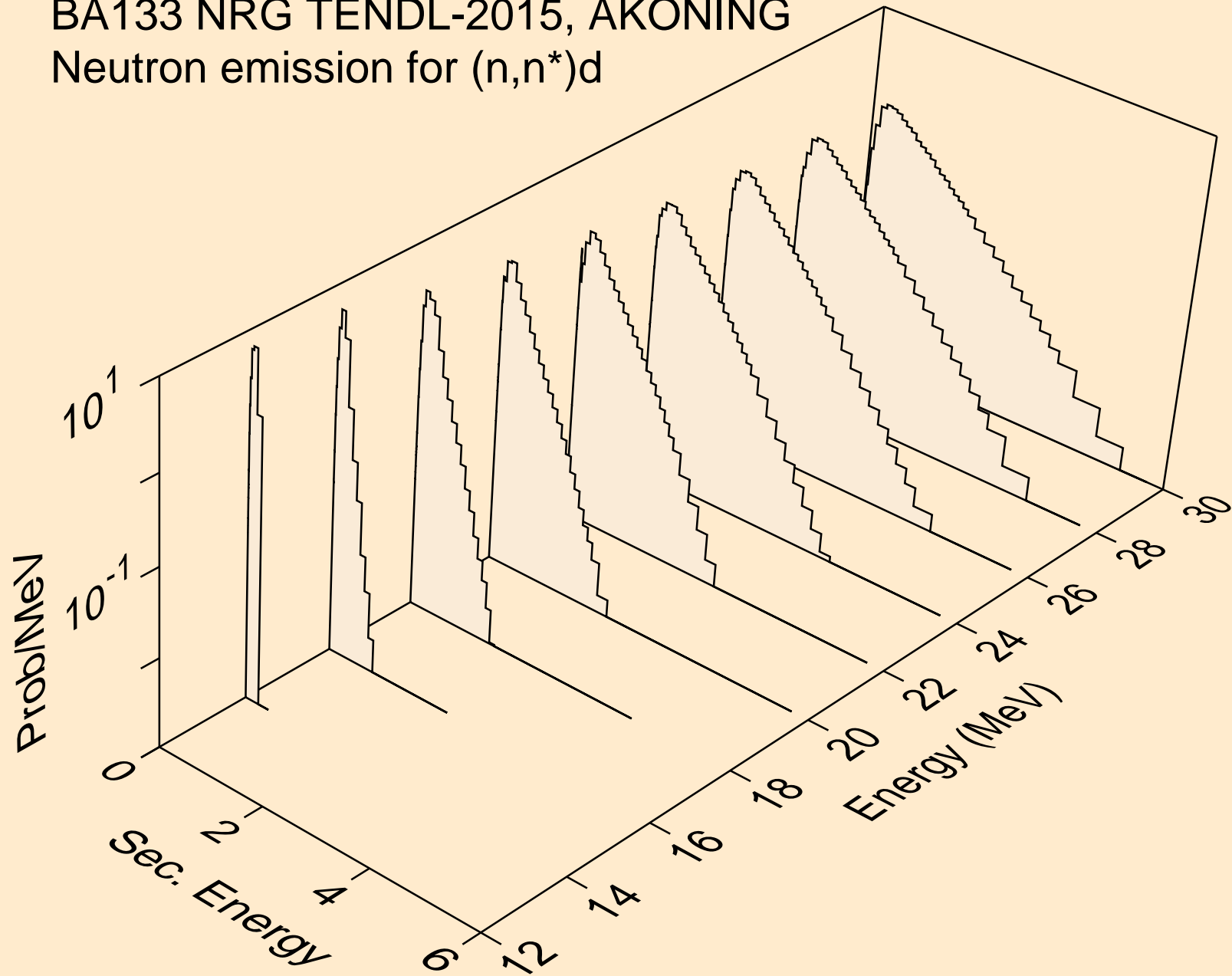
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

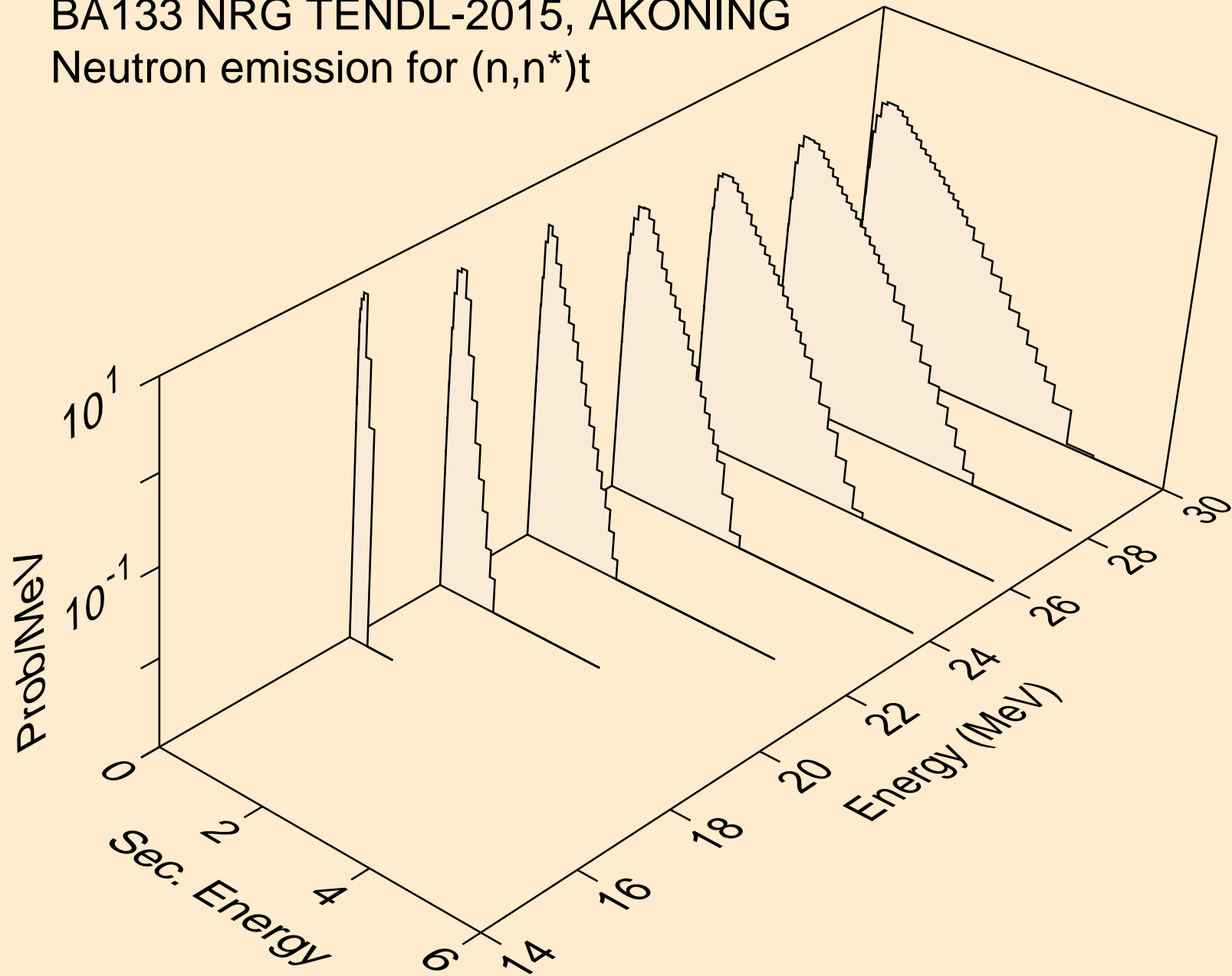


BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

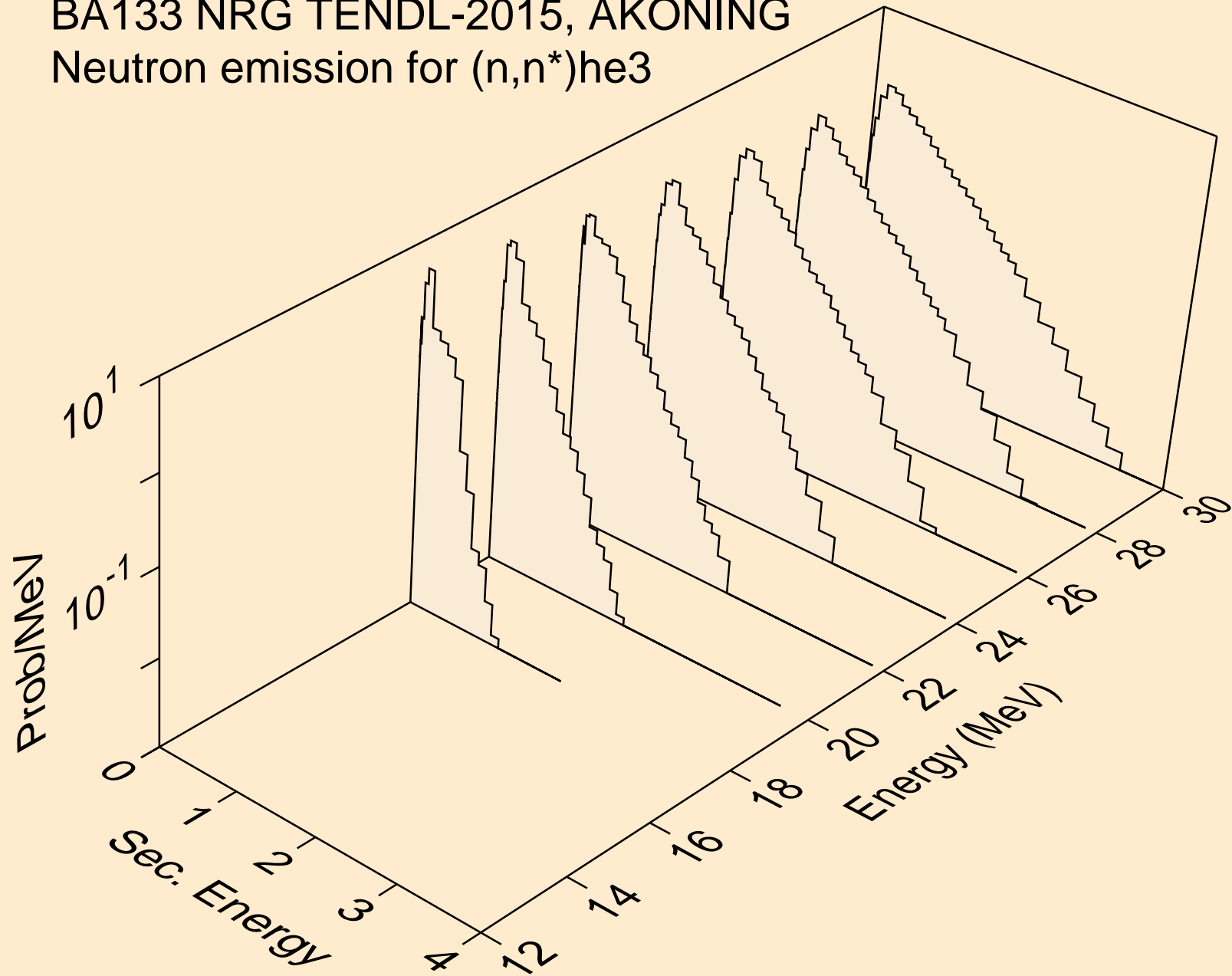




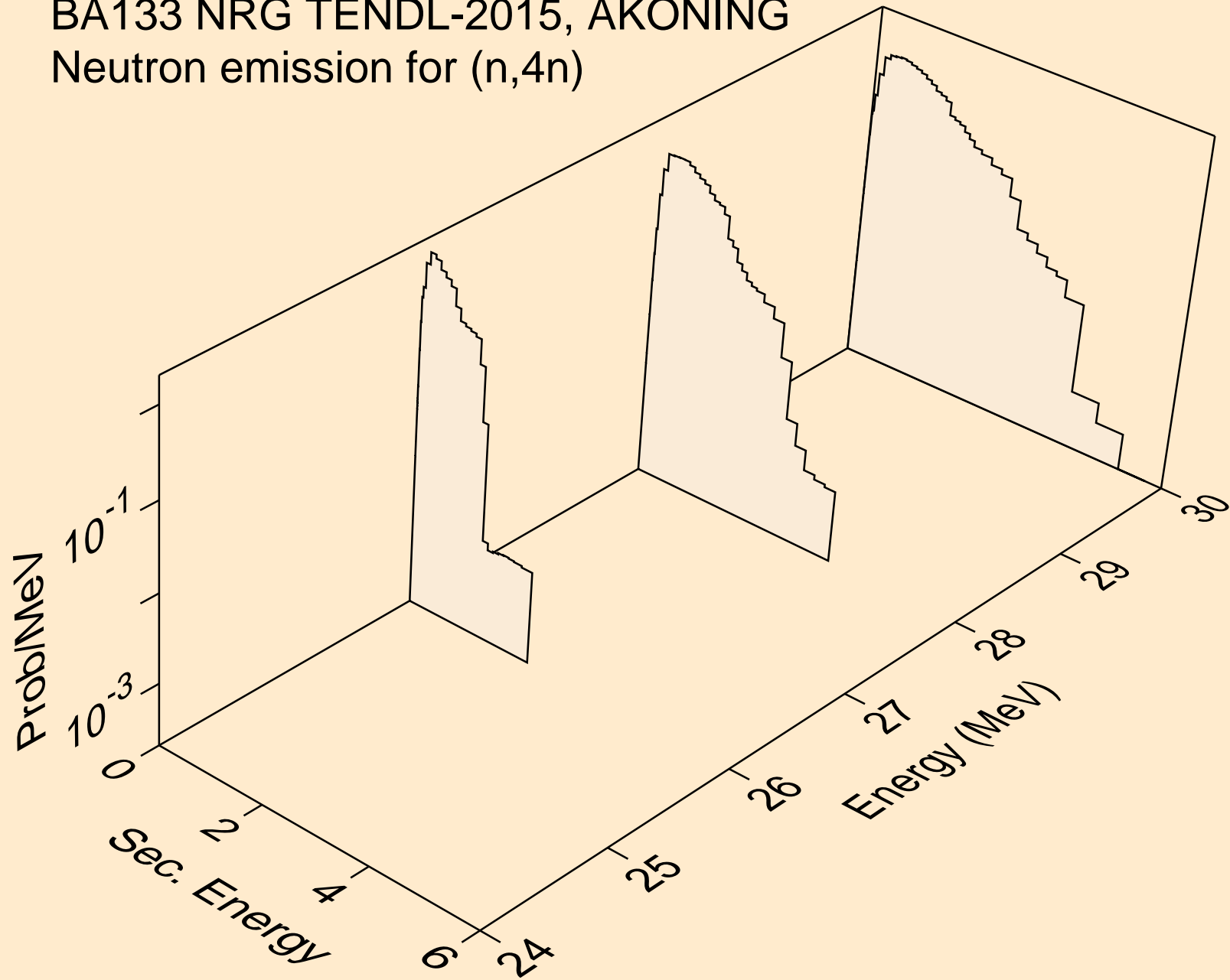
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



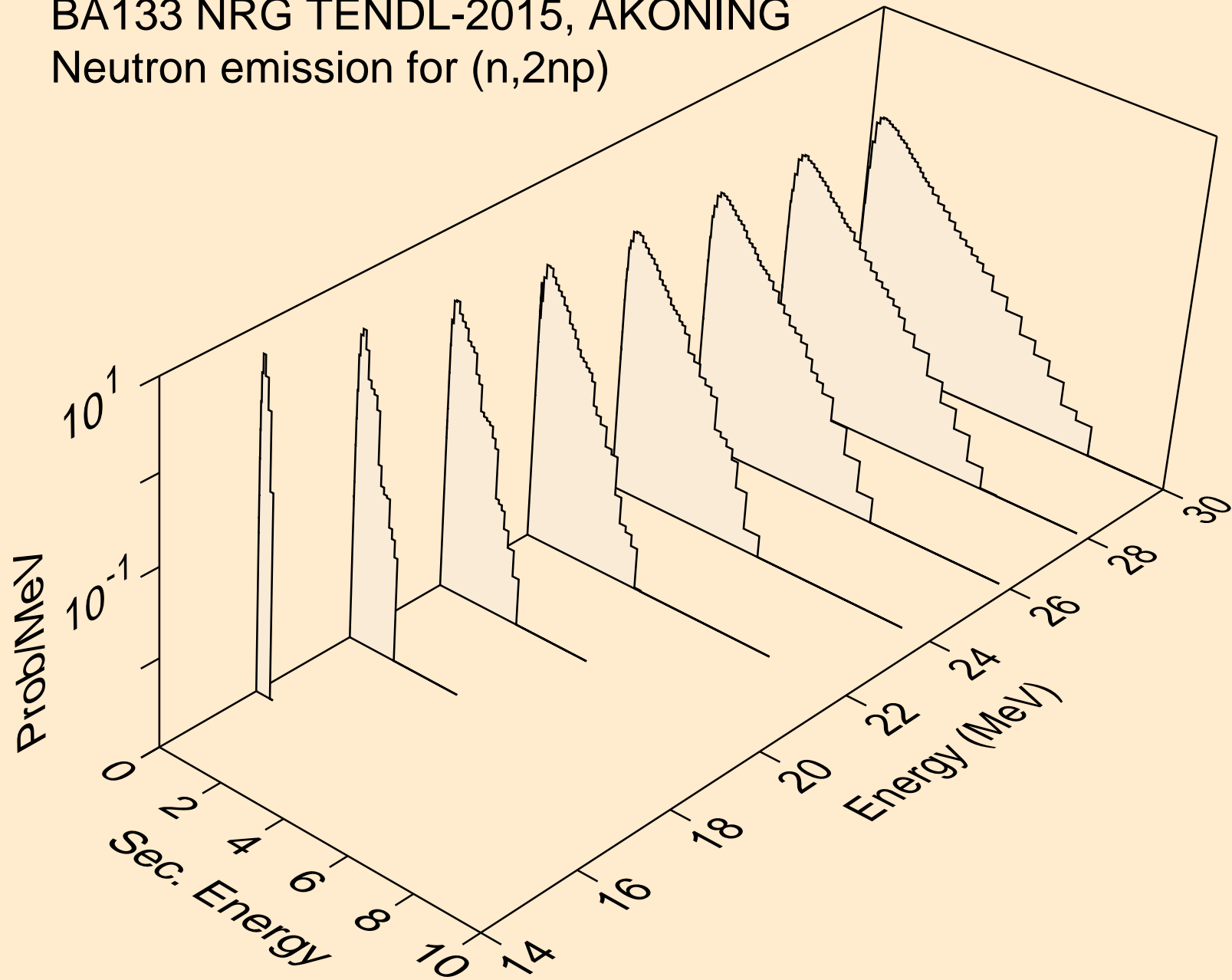
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



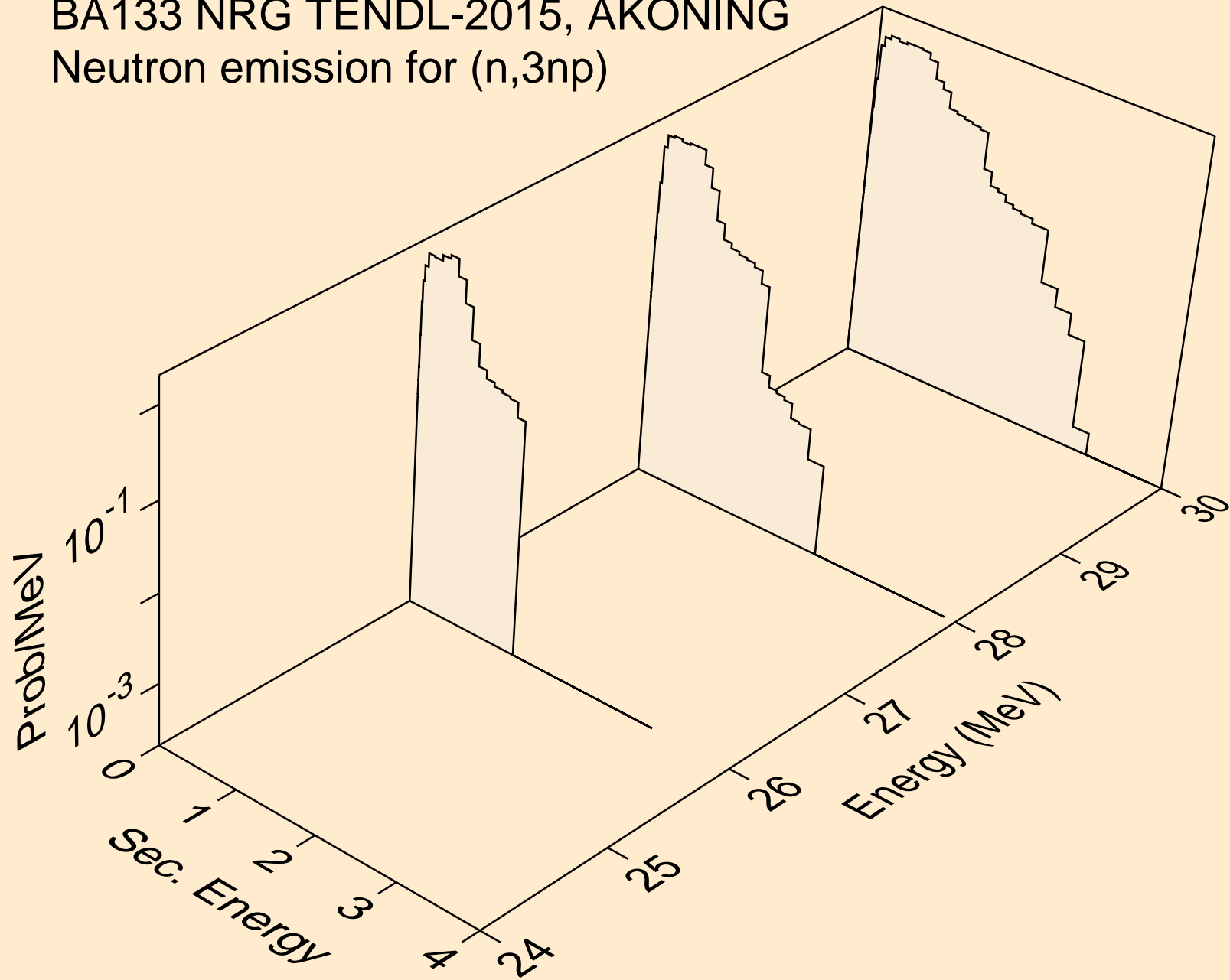
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



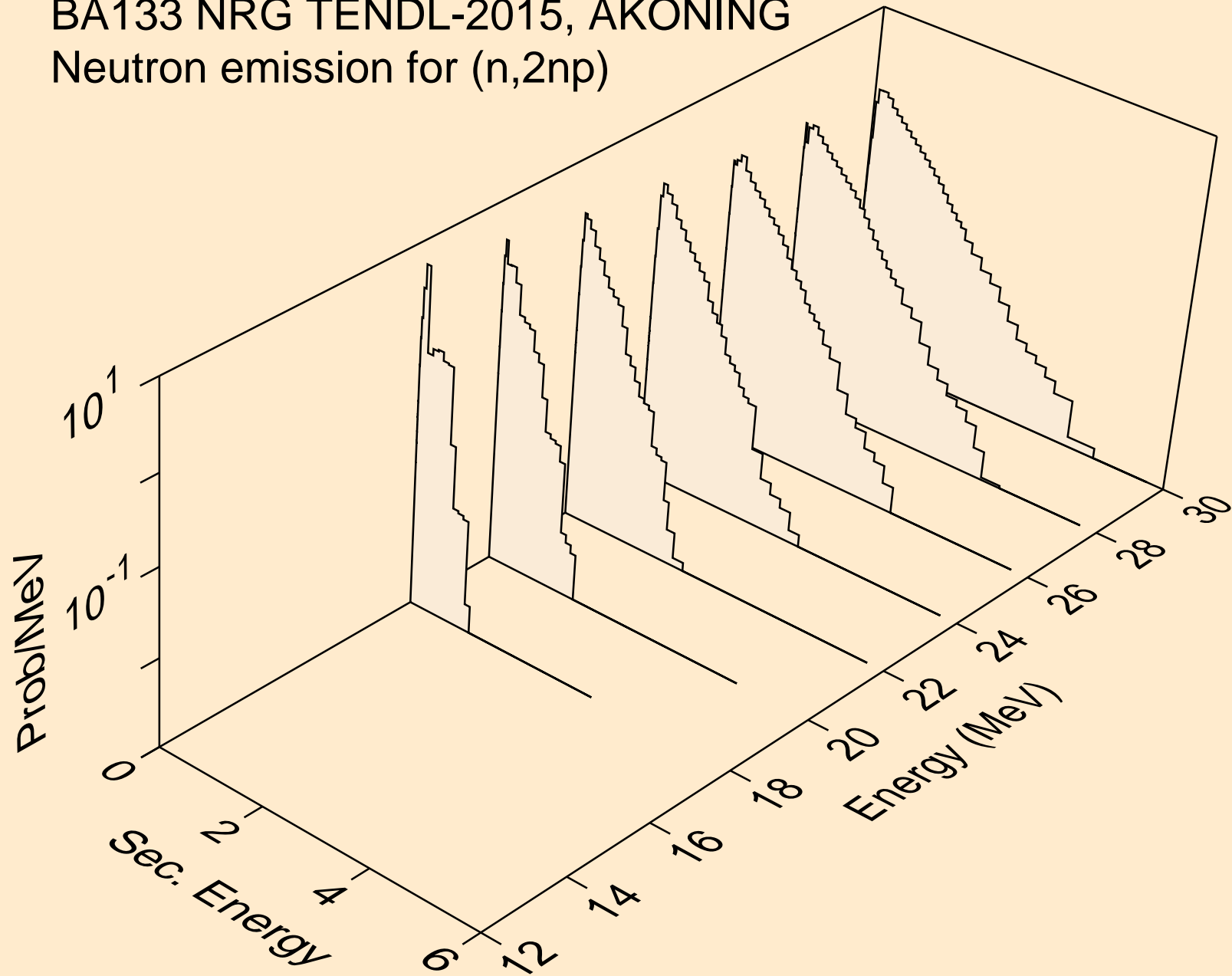
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



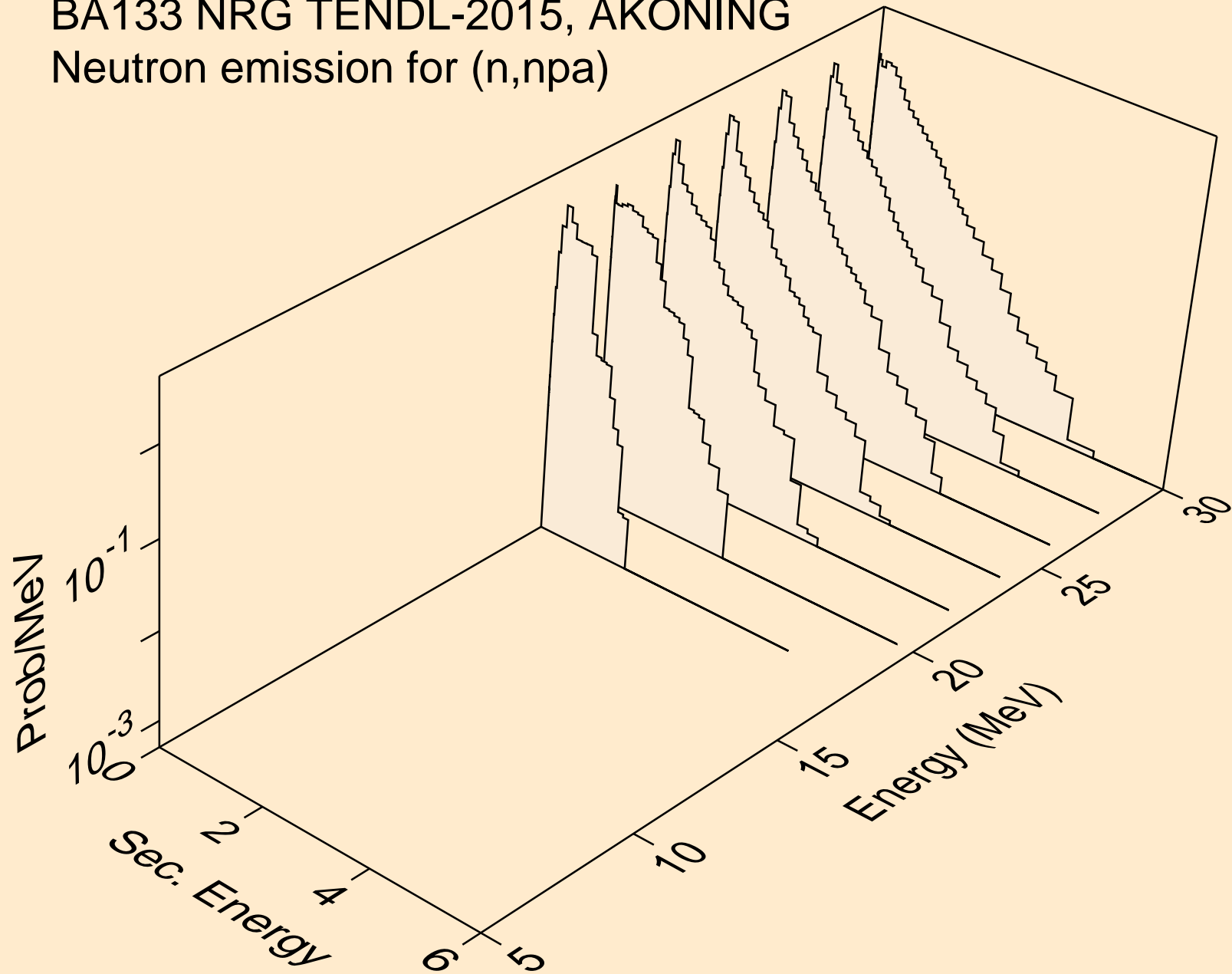
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



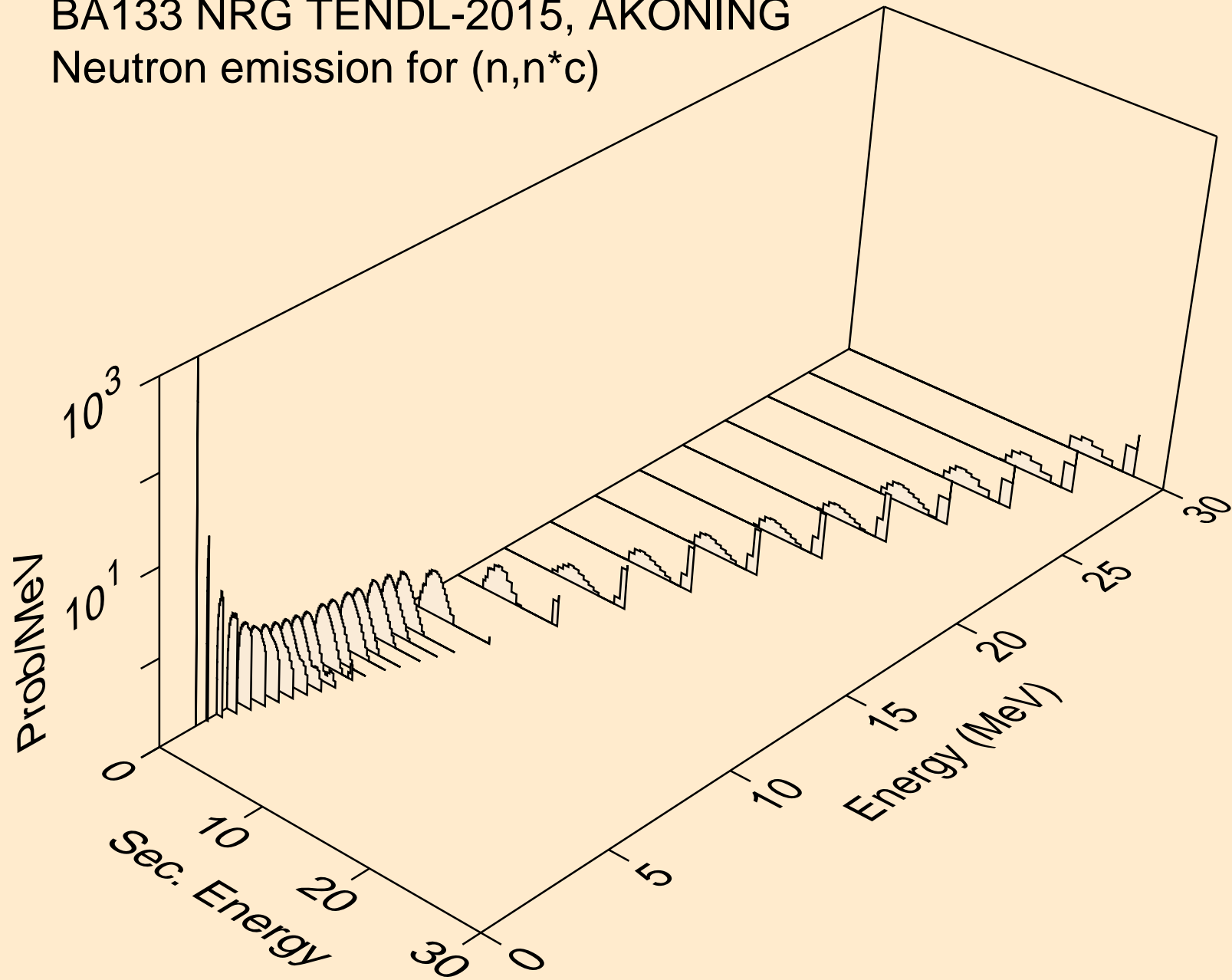
BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

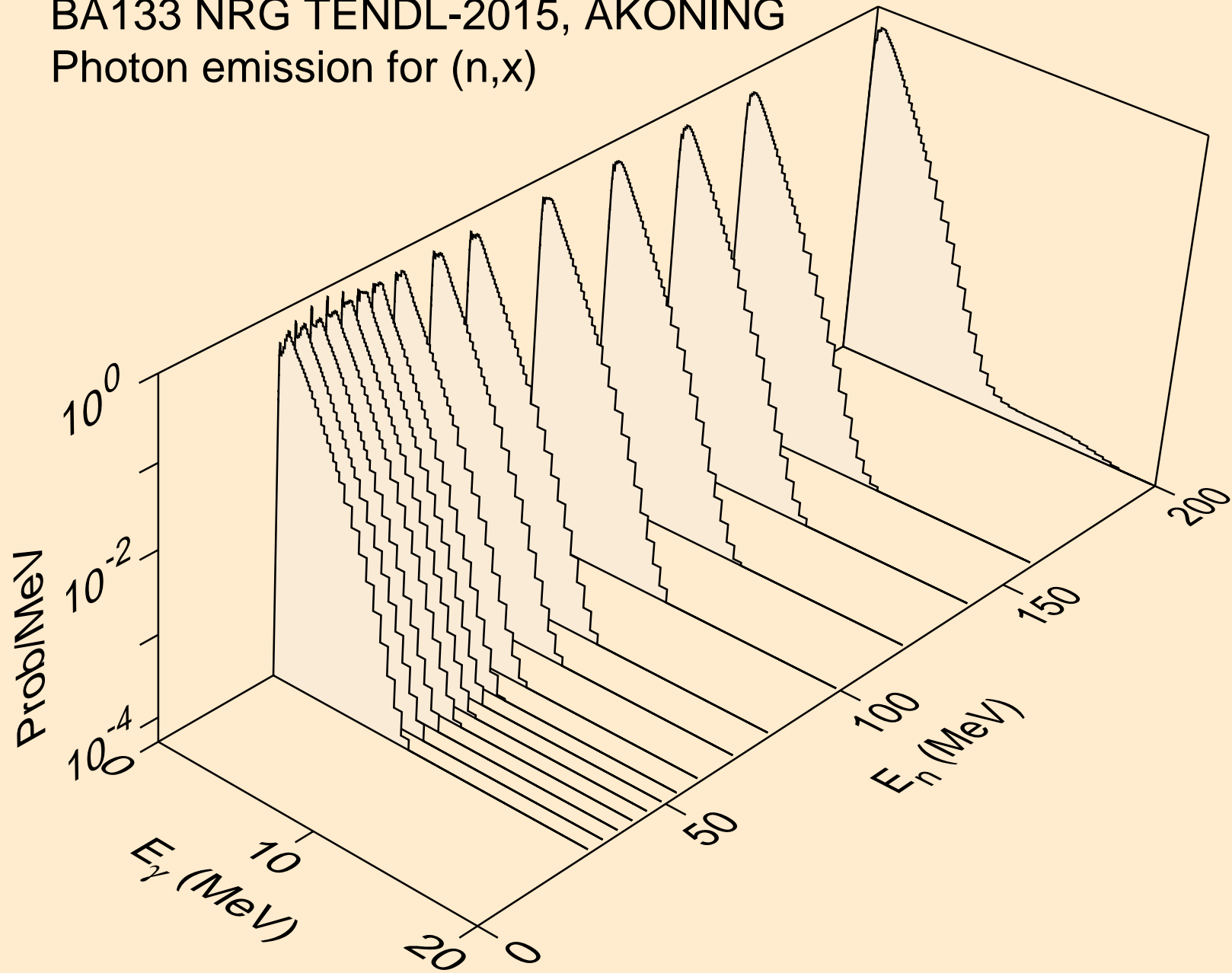


BA133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

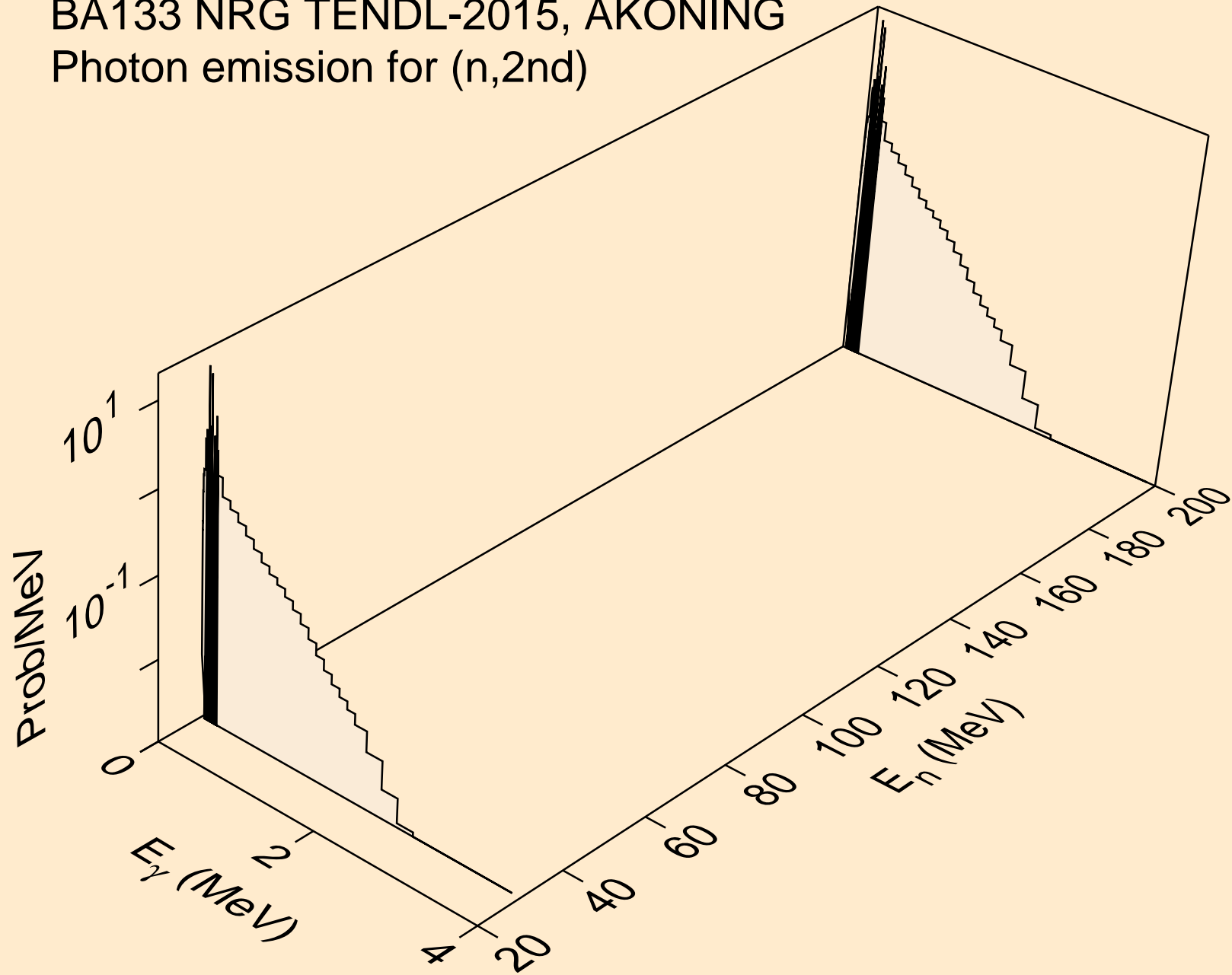




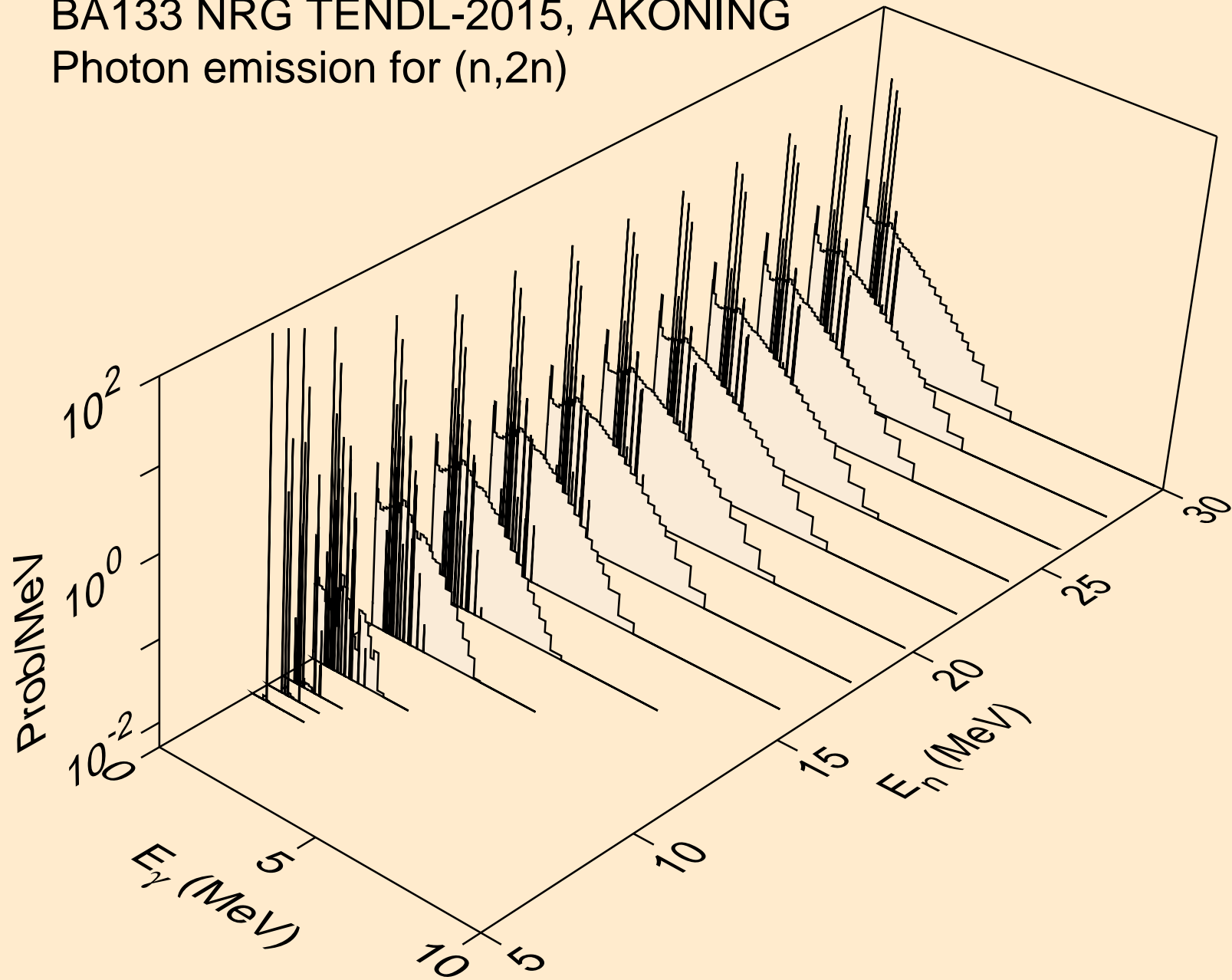
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



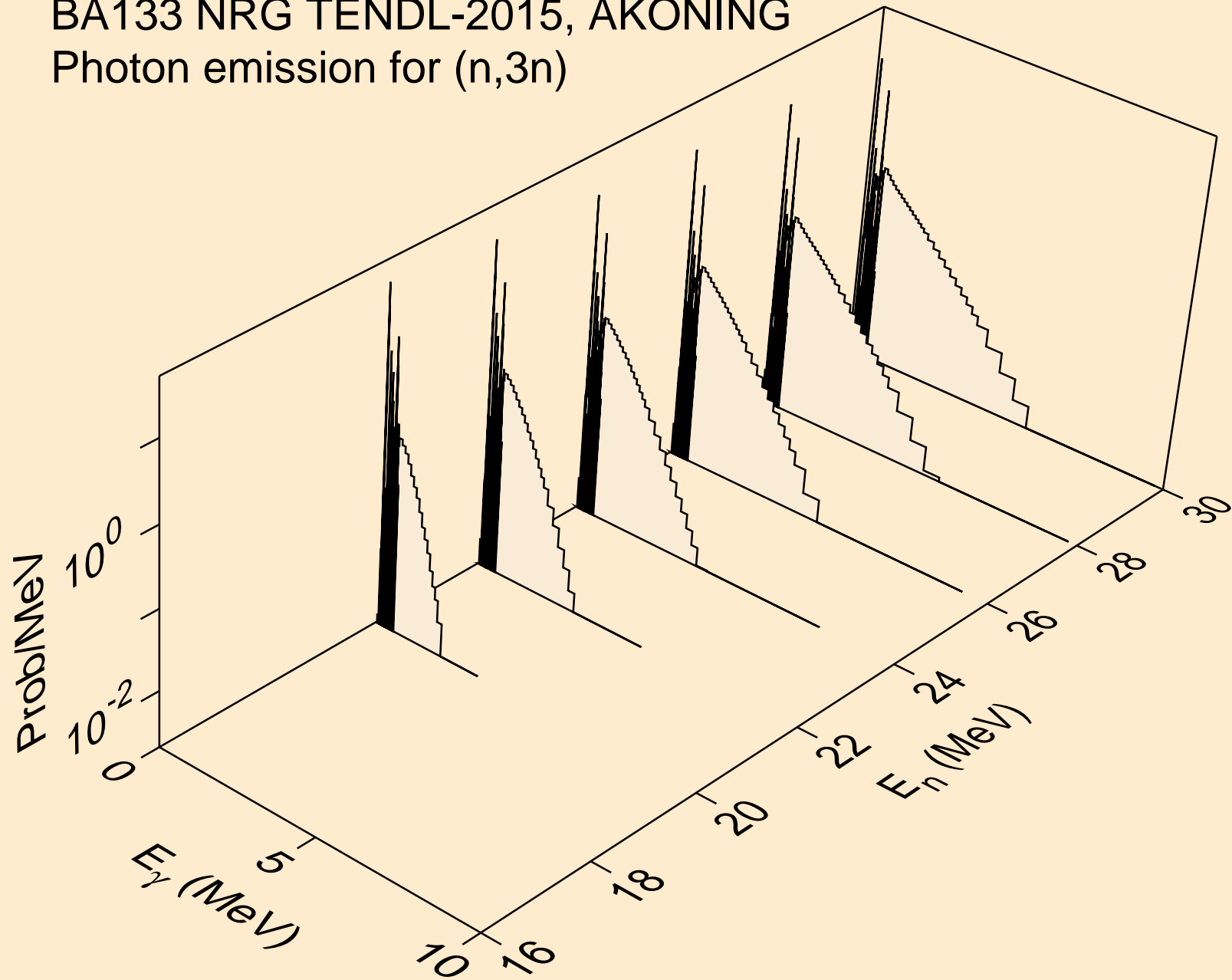
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



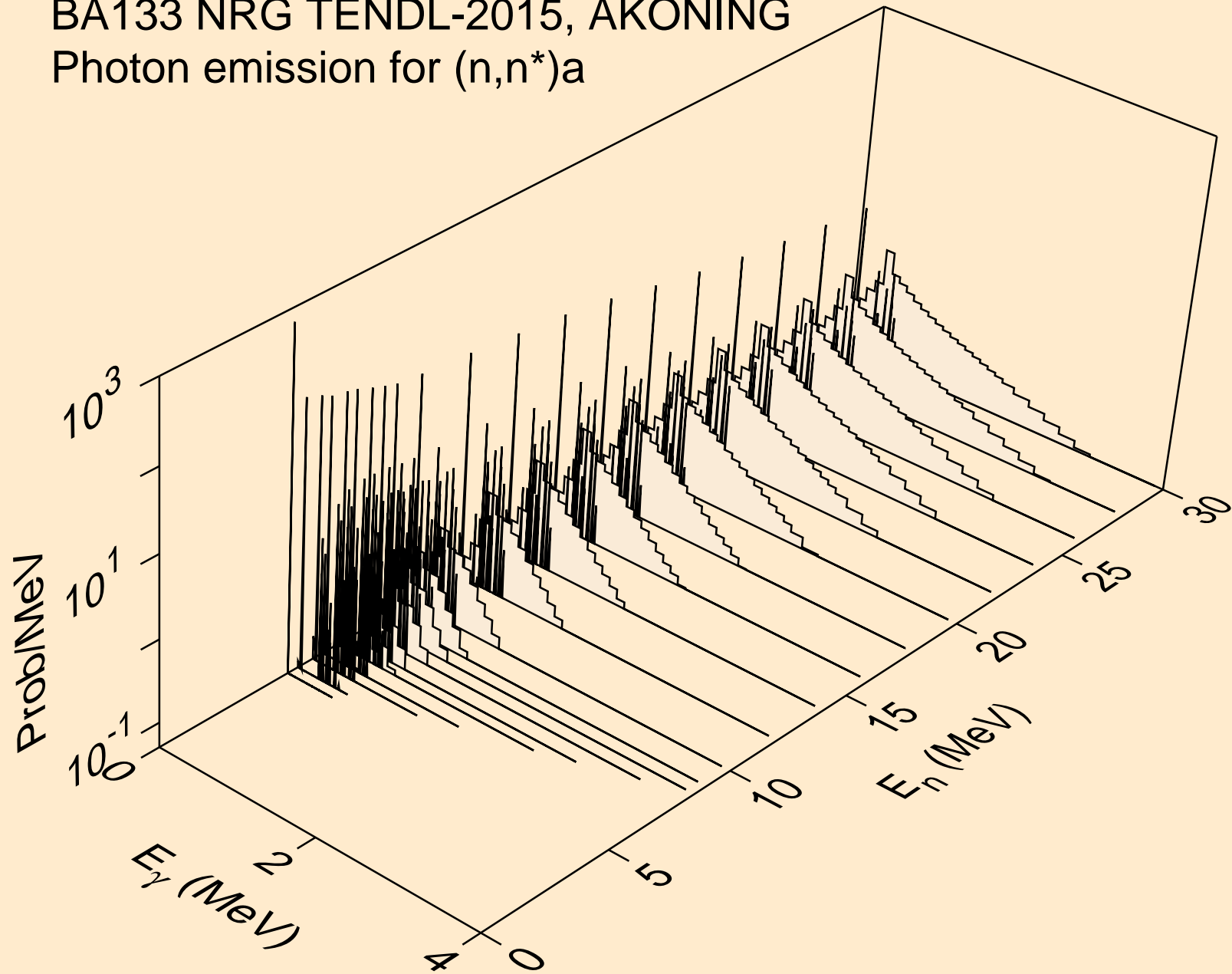
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



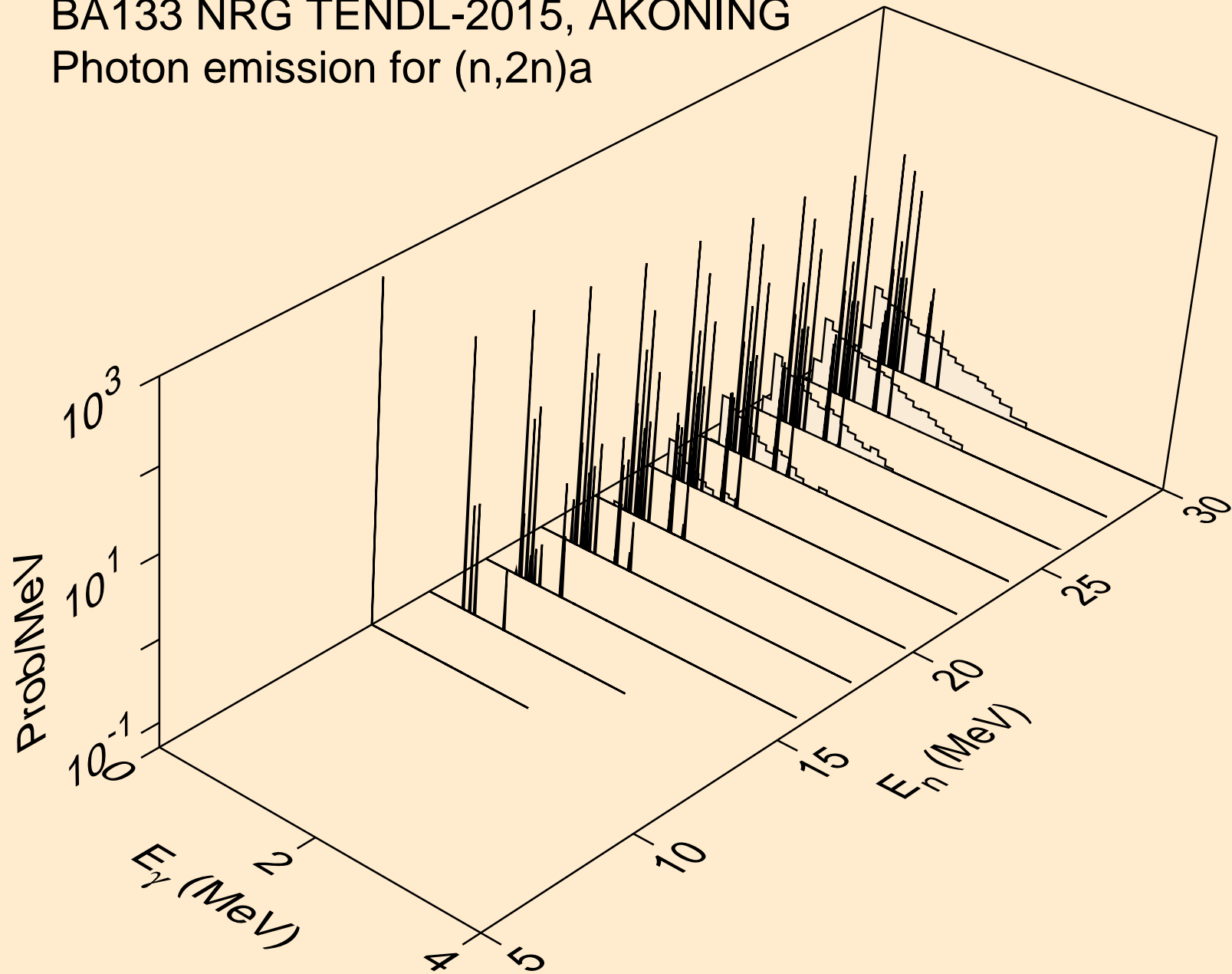
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



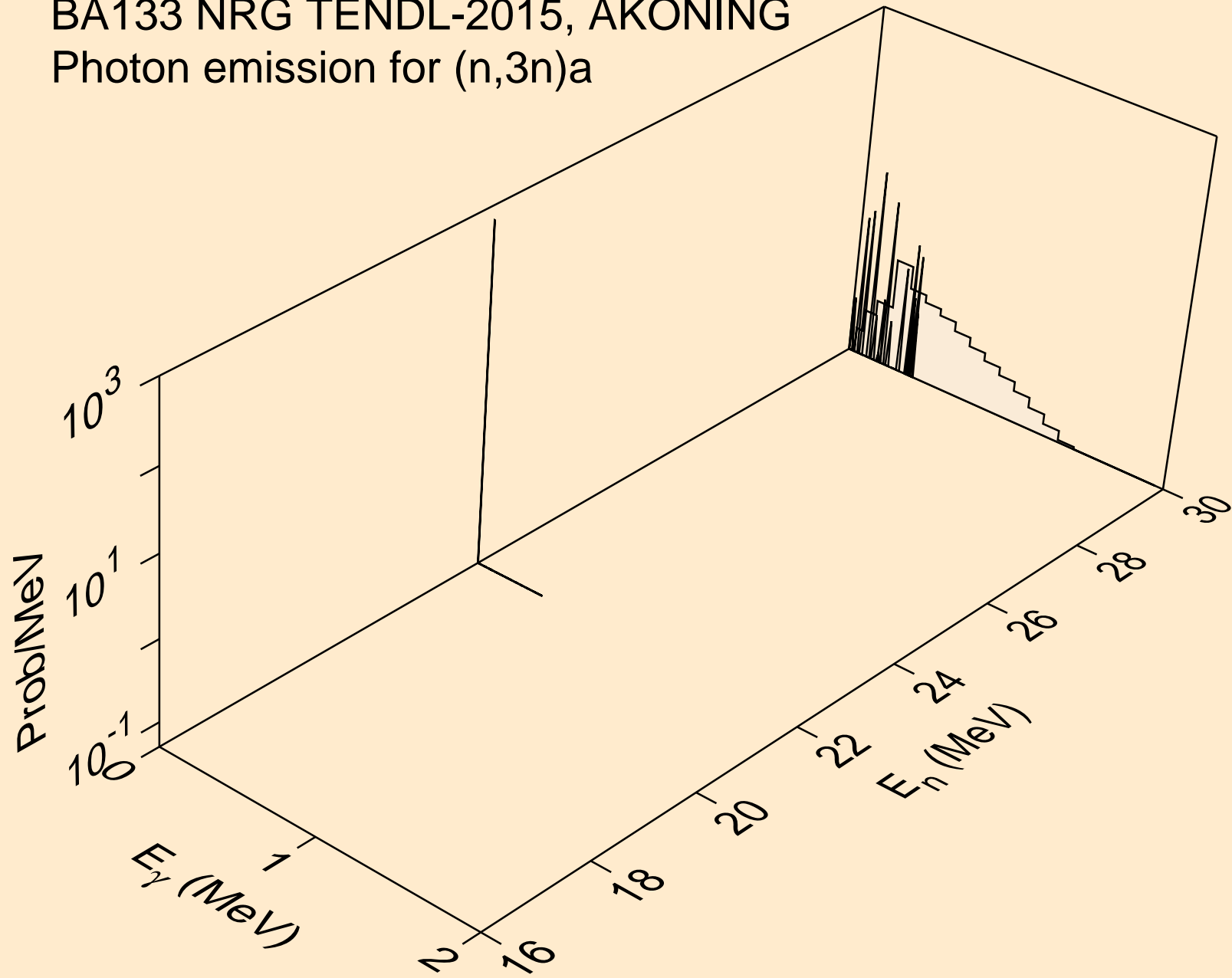
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



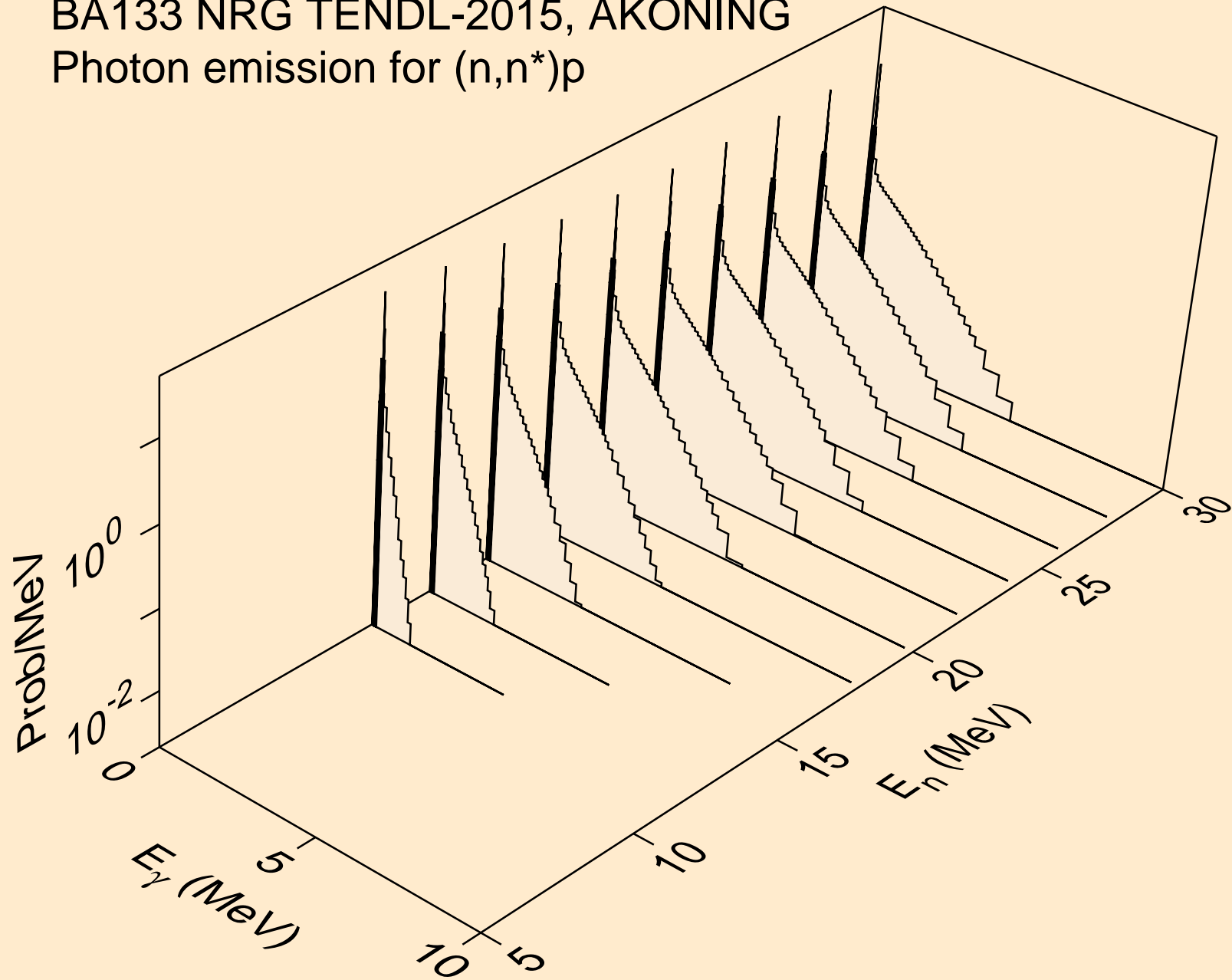
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

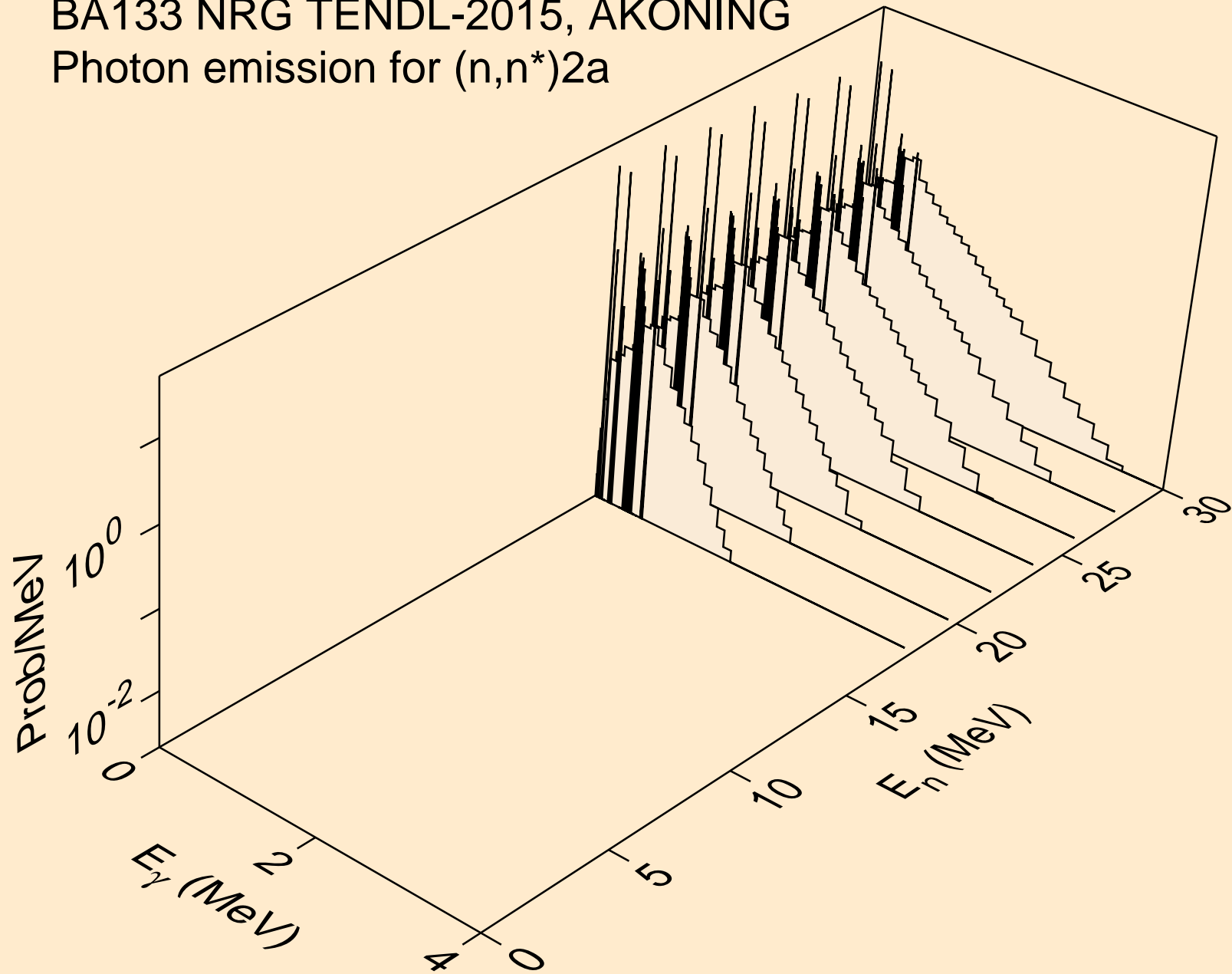


BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

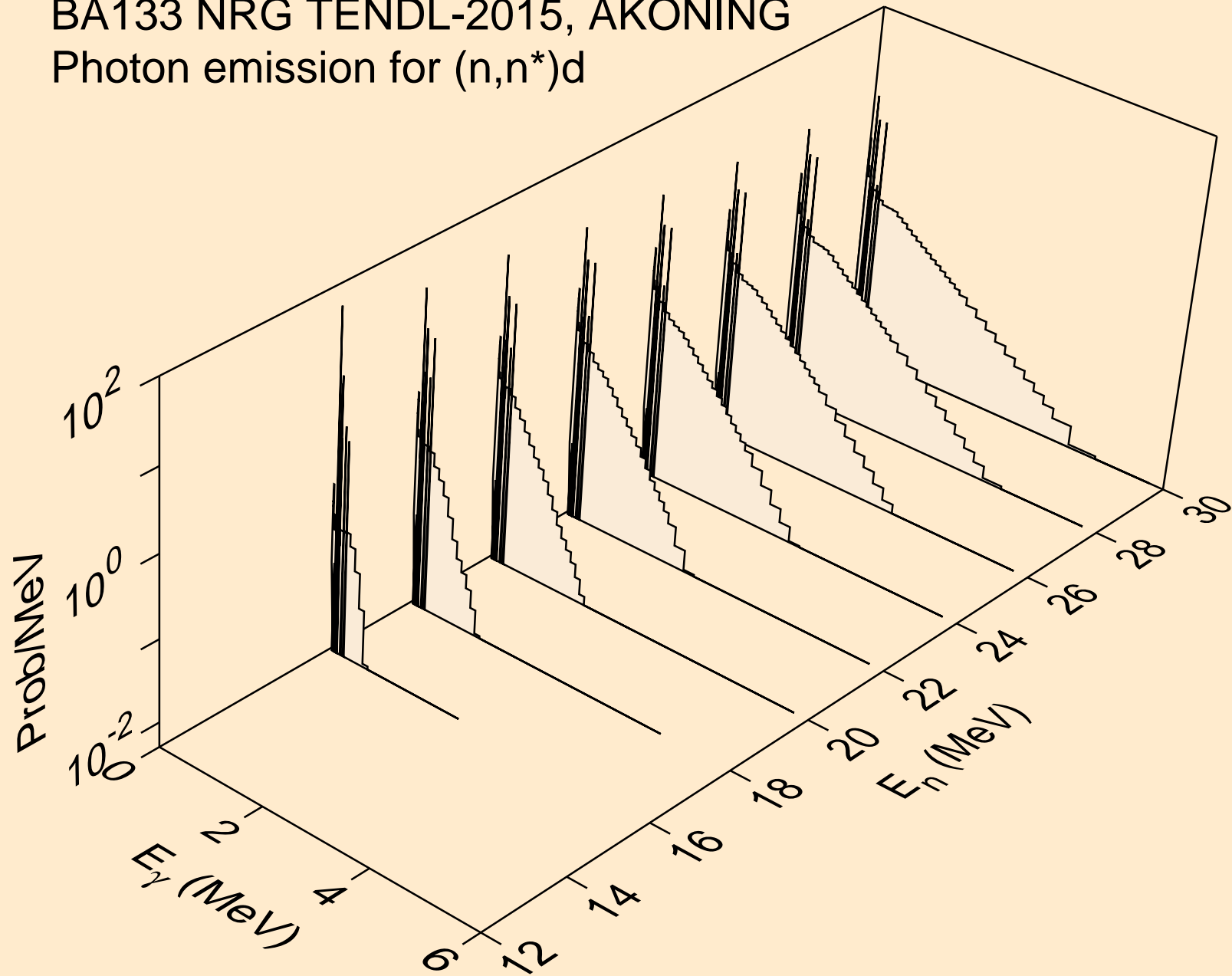




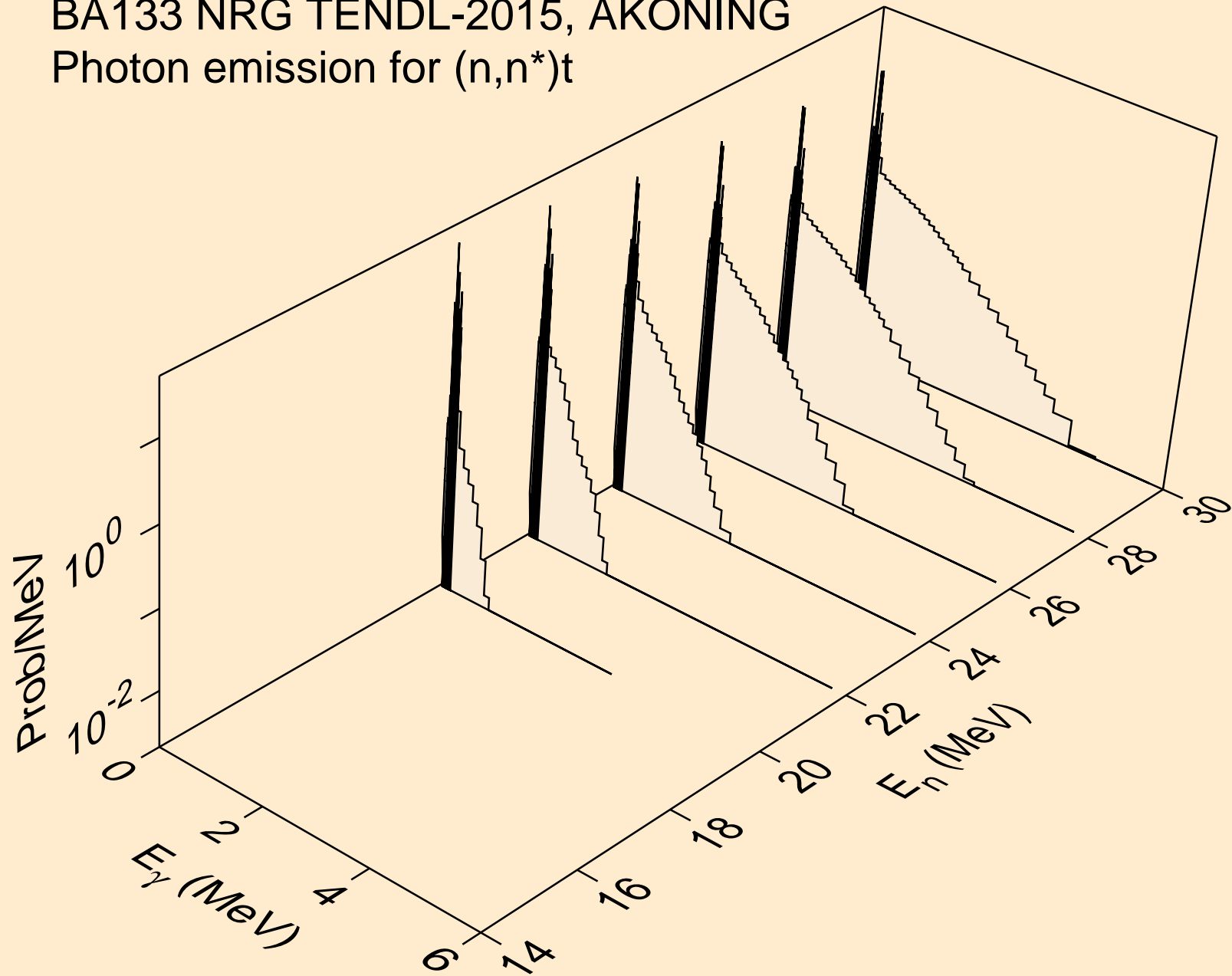
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



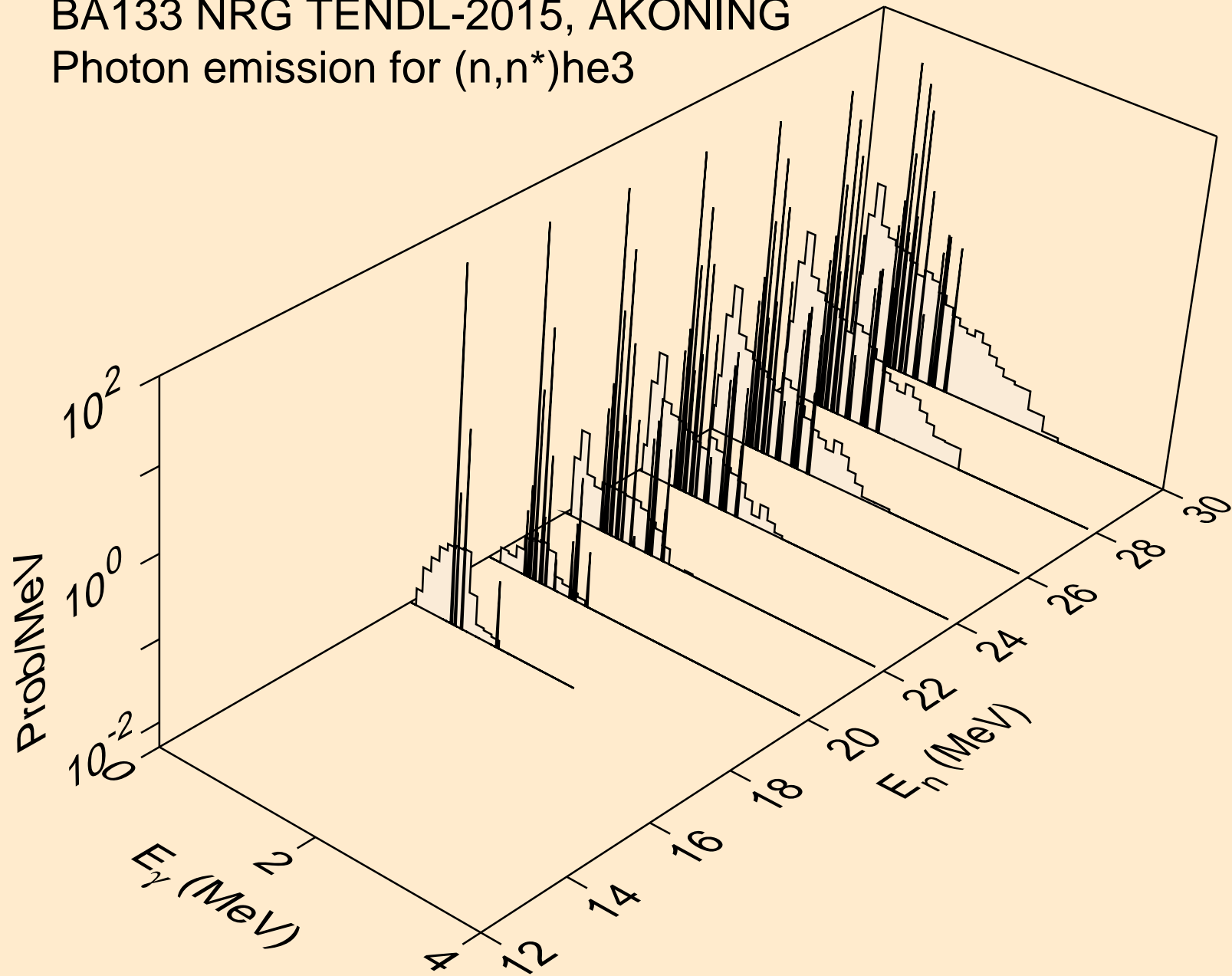
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



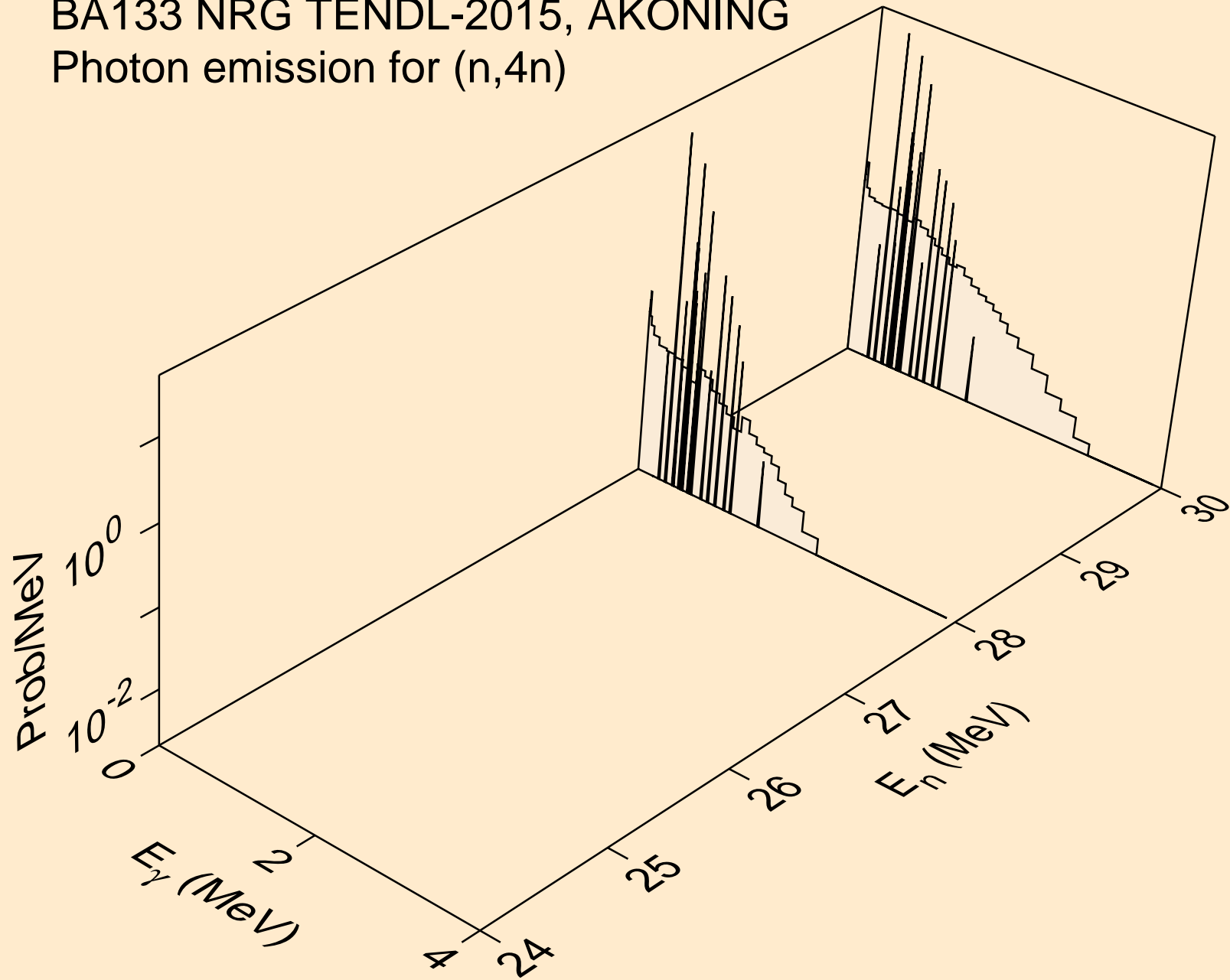
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



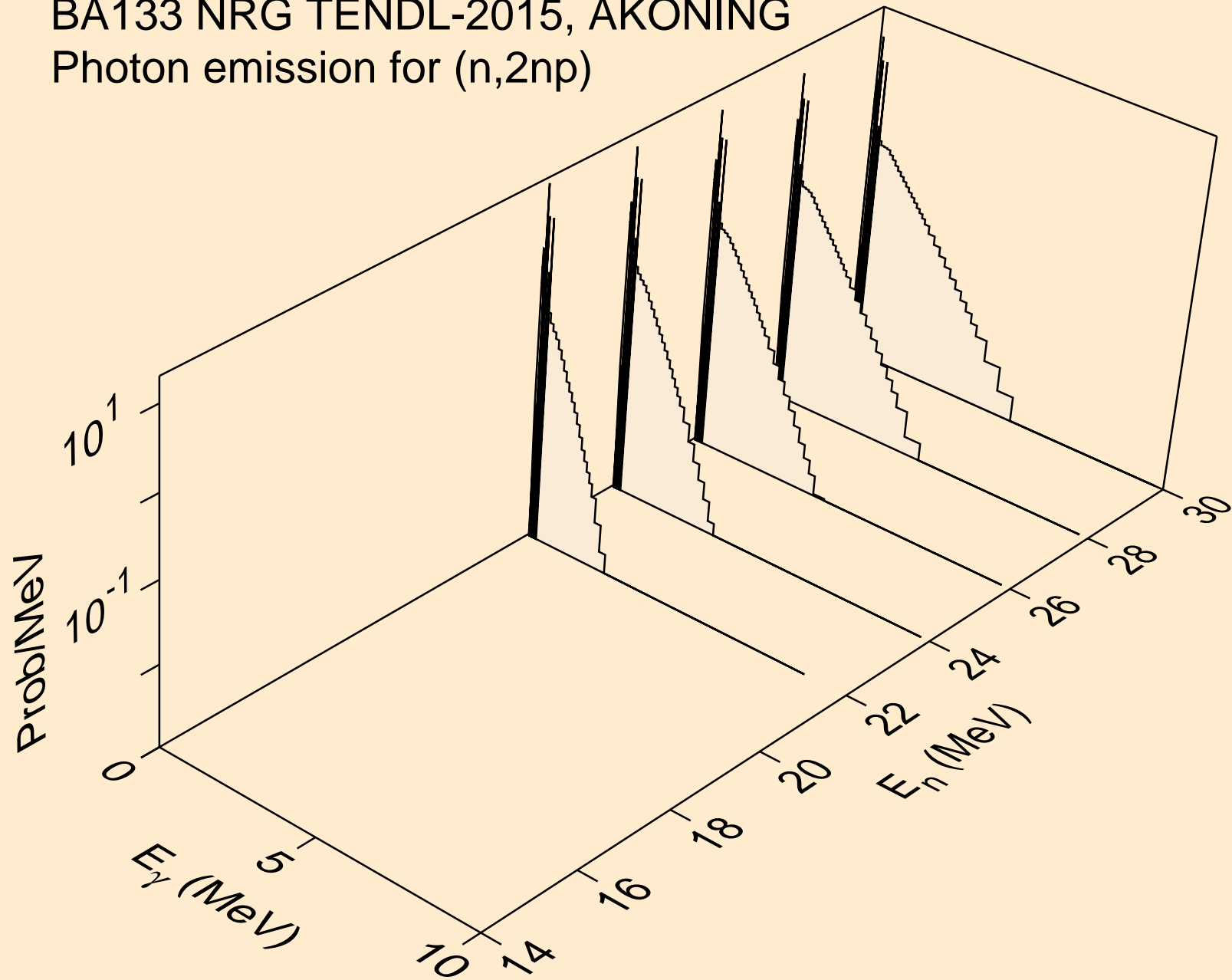
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



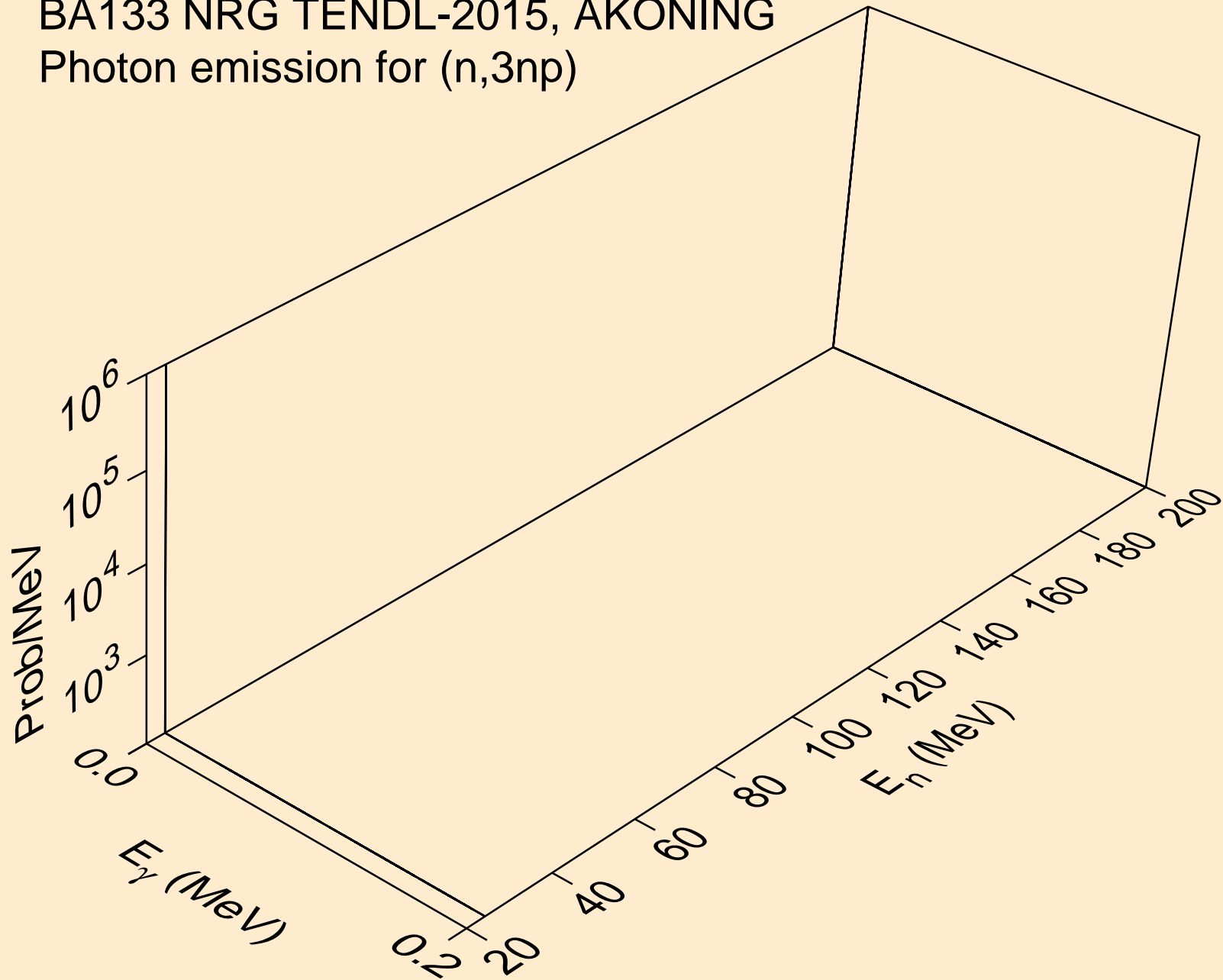
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



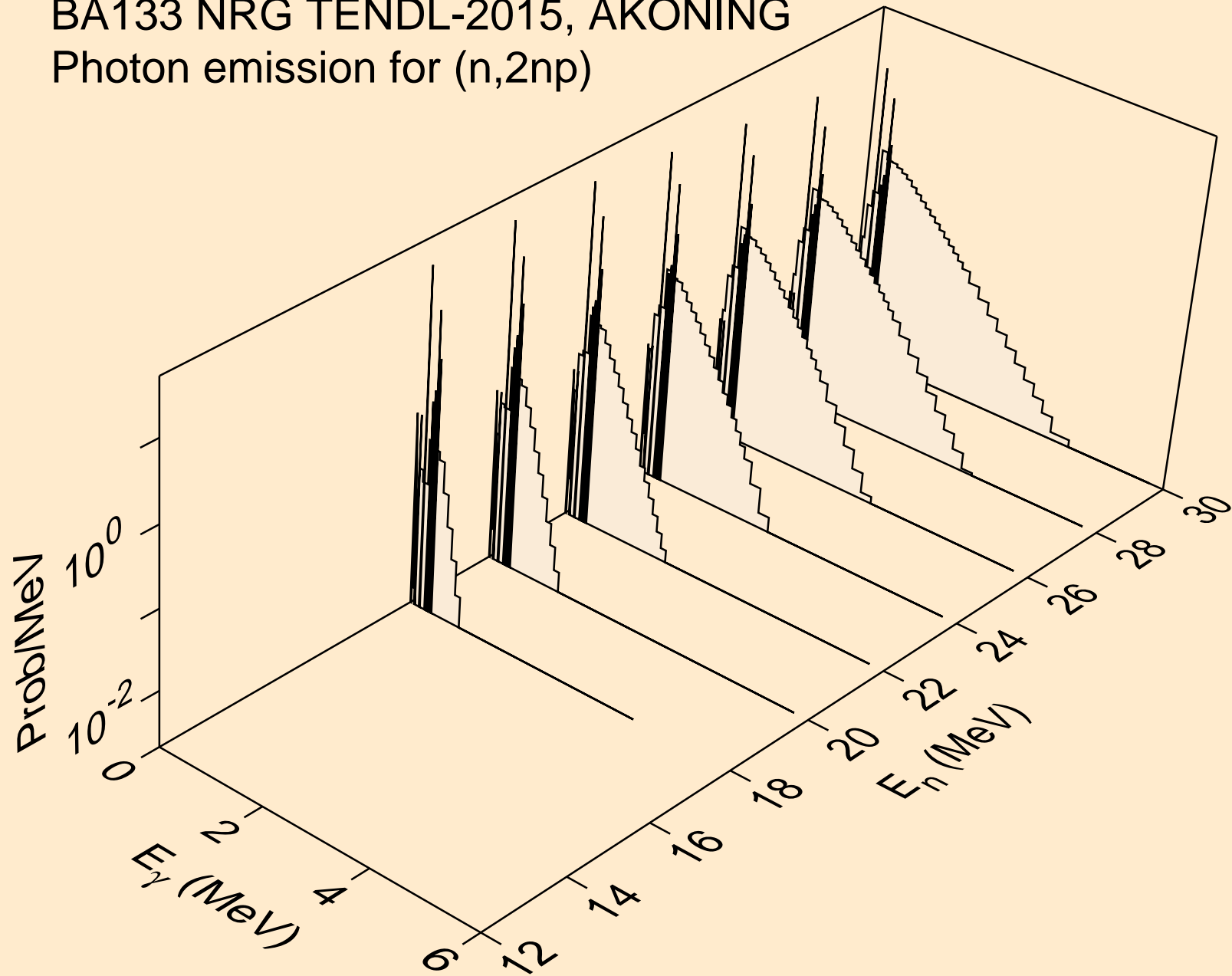
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

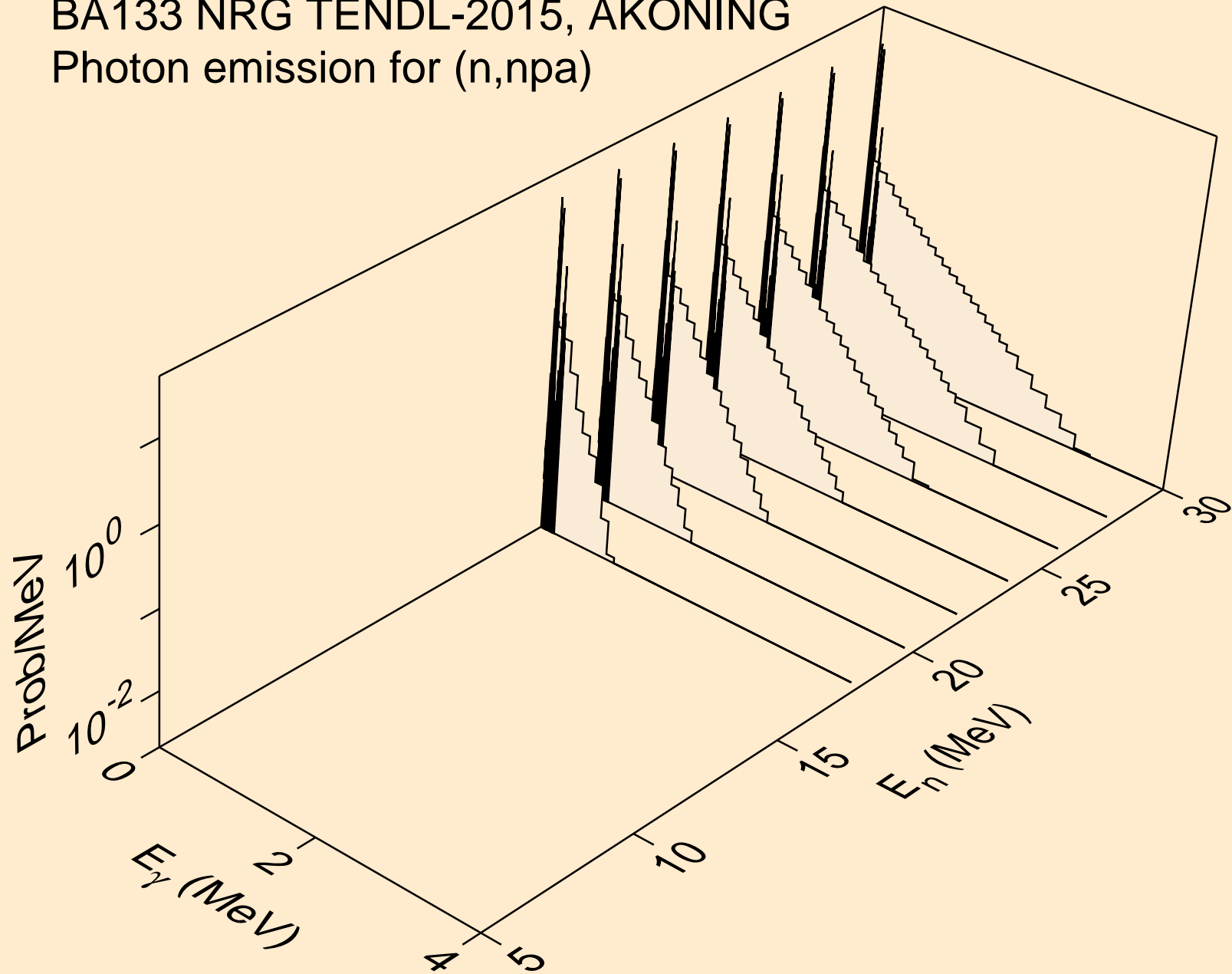


BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

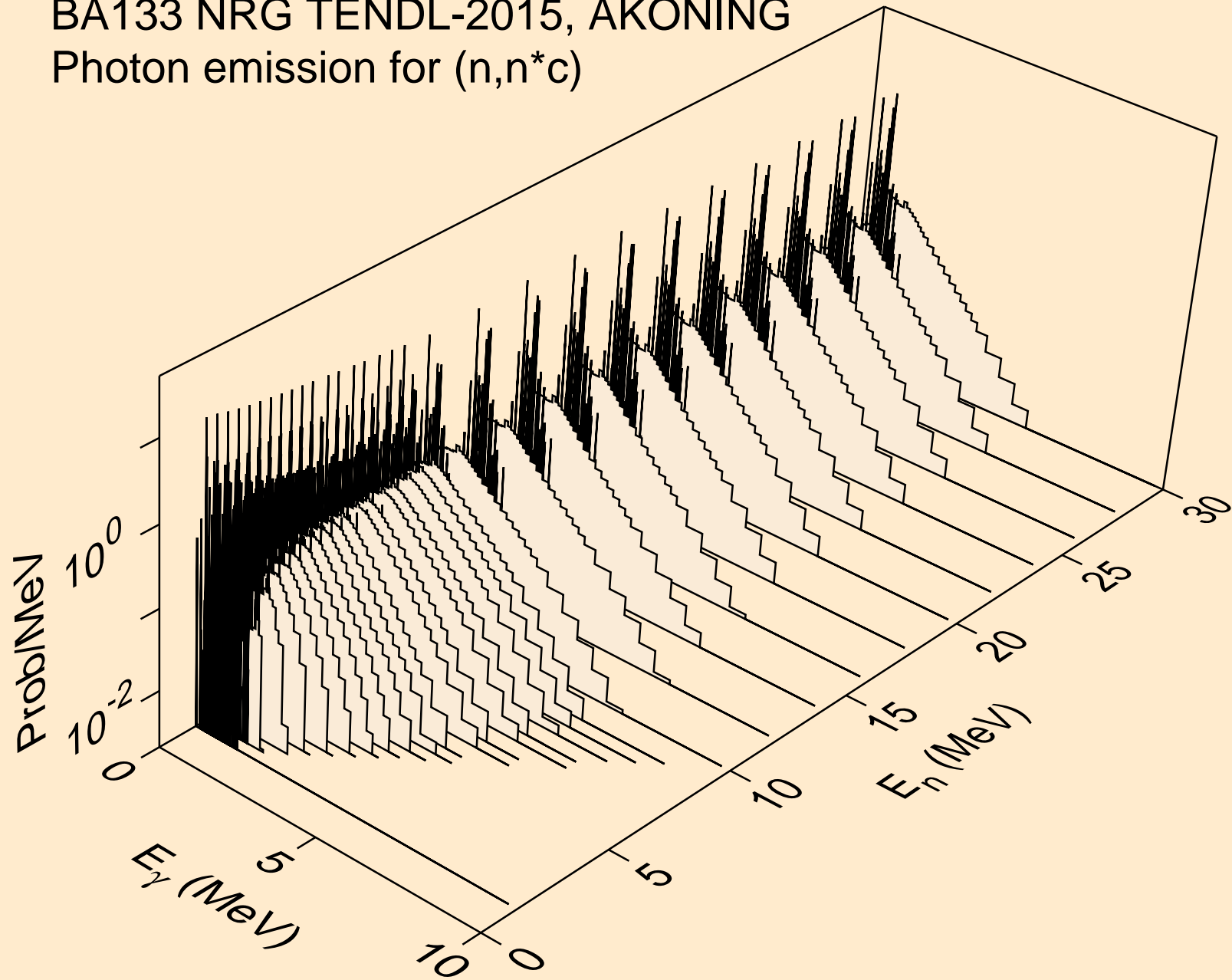




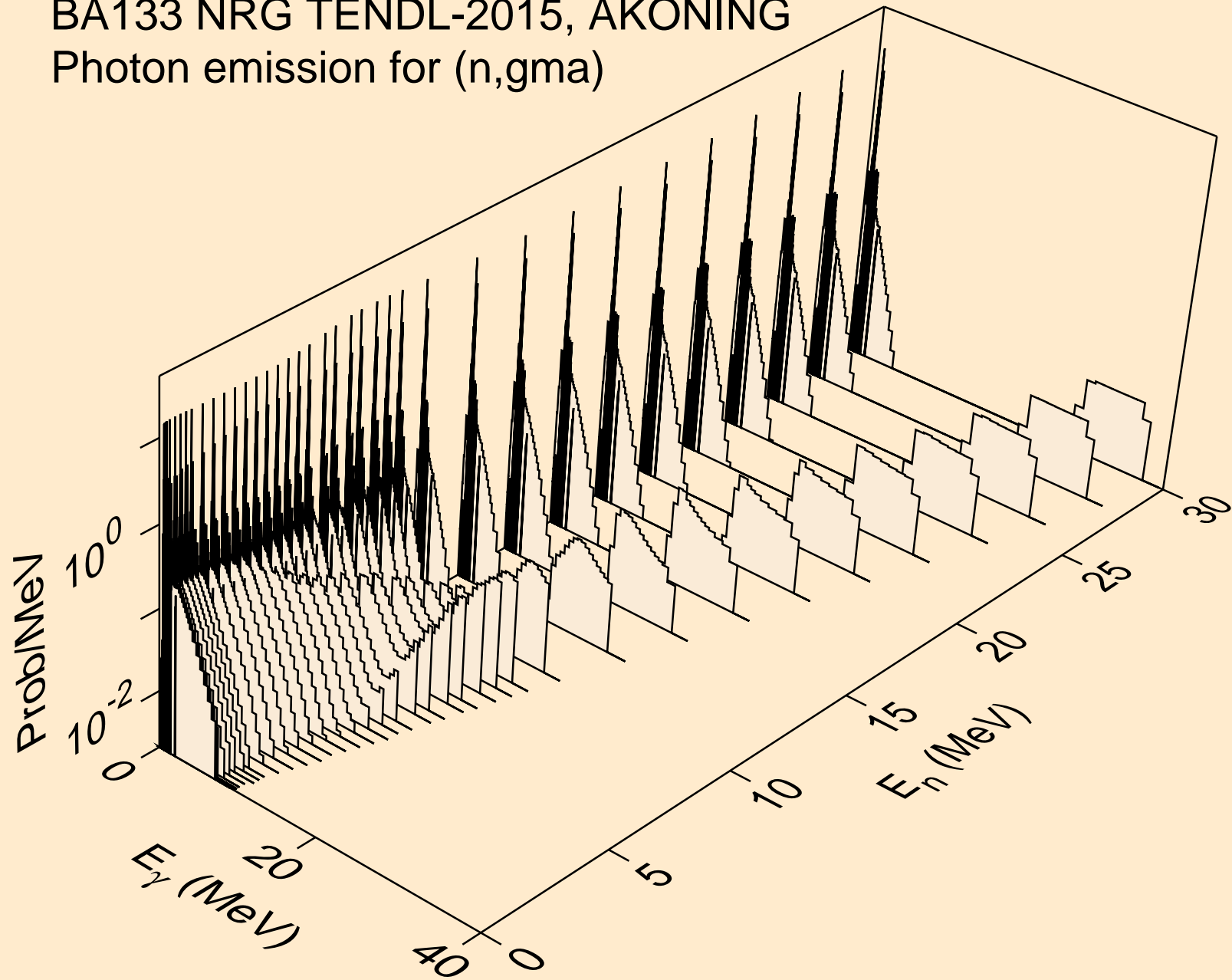
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



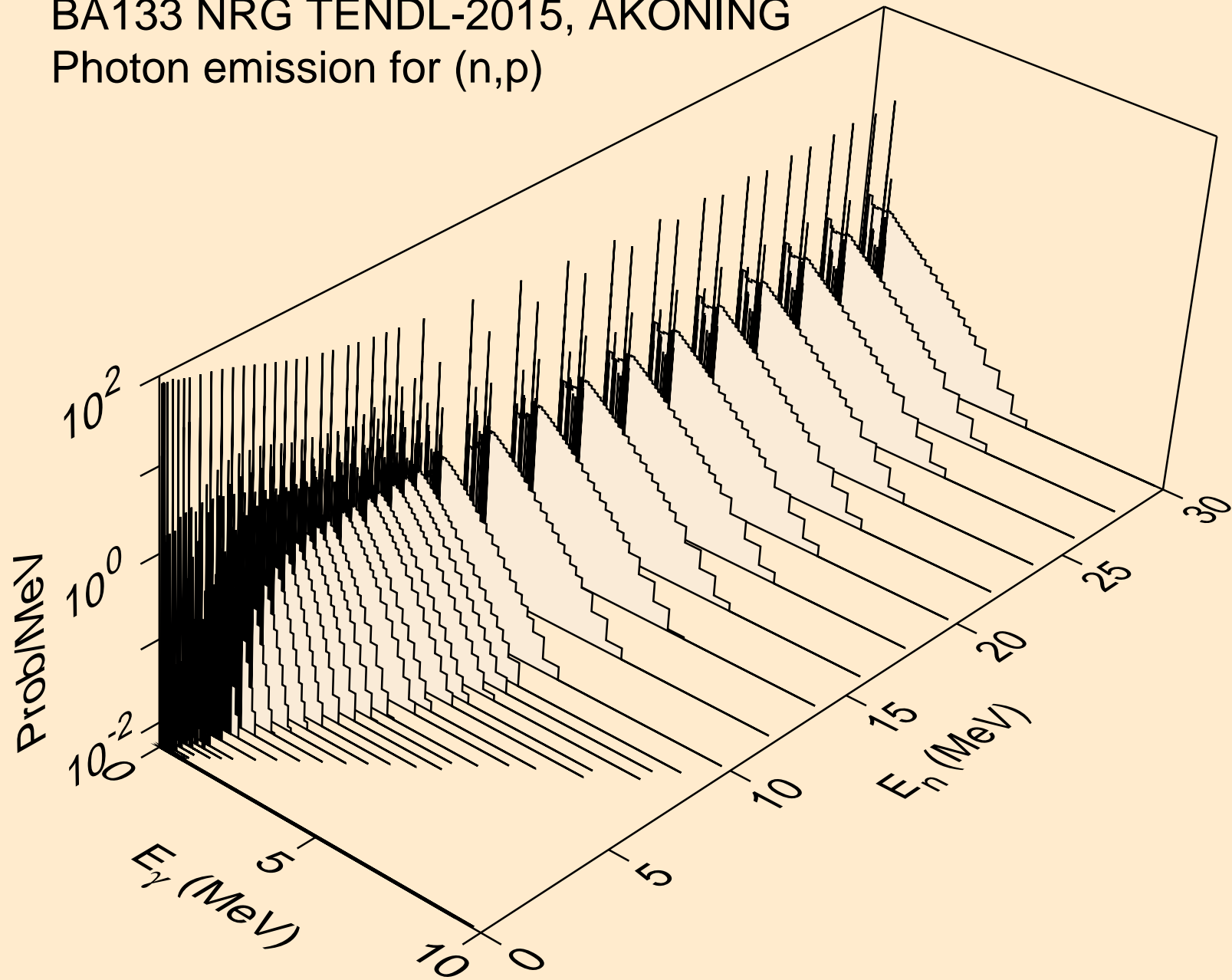
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



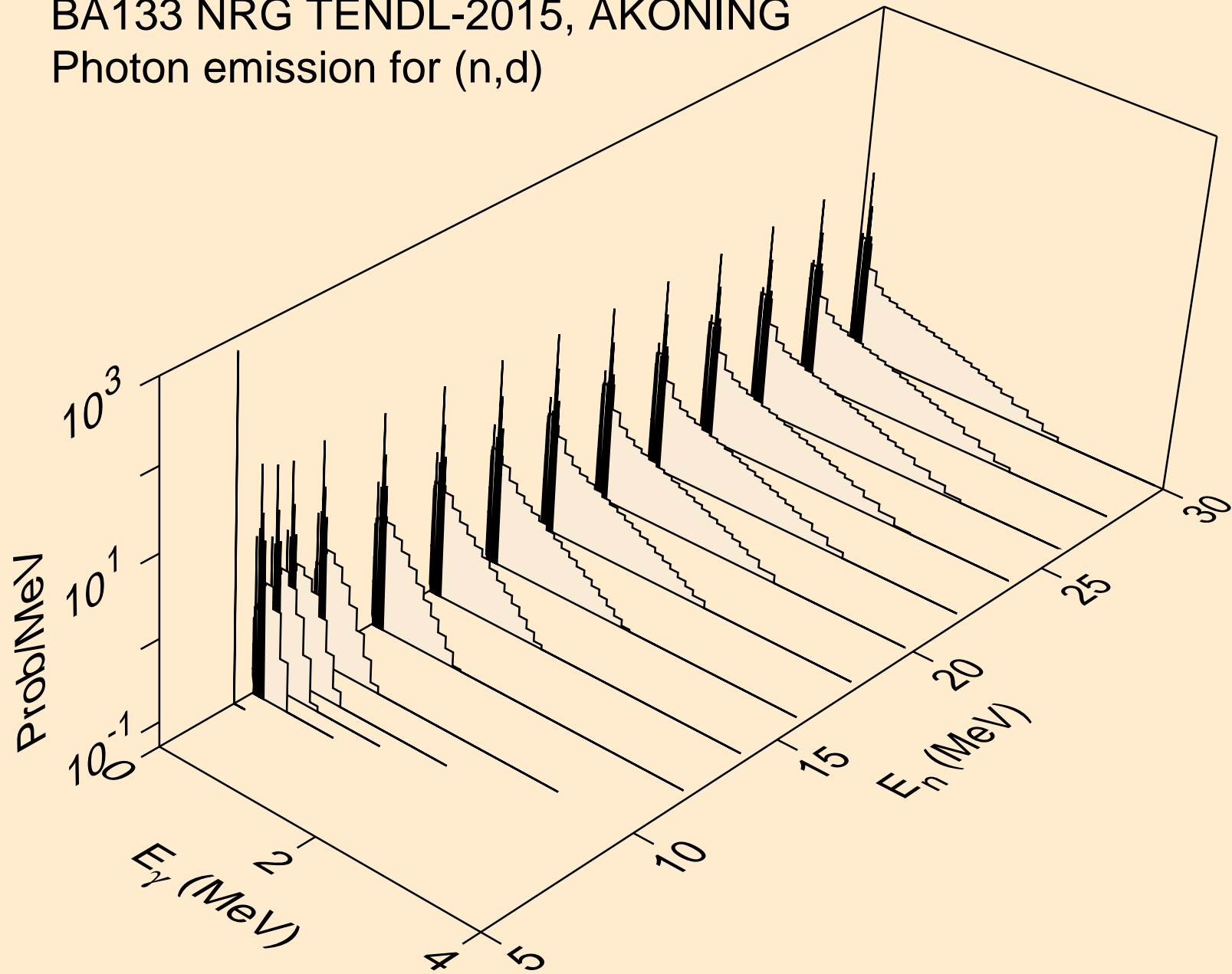
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



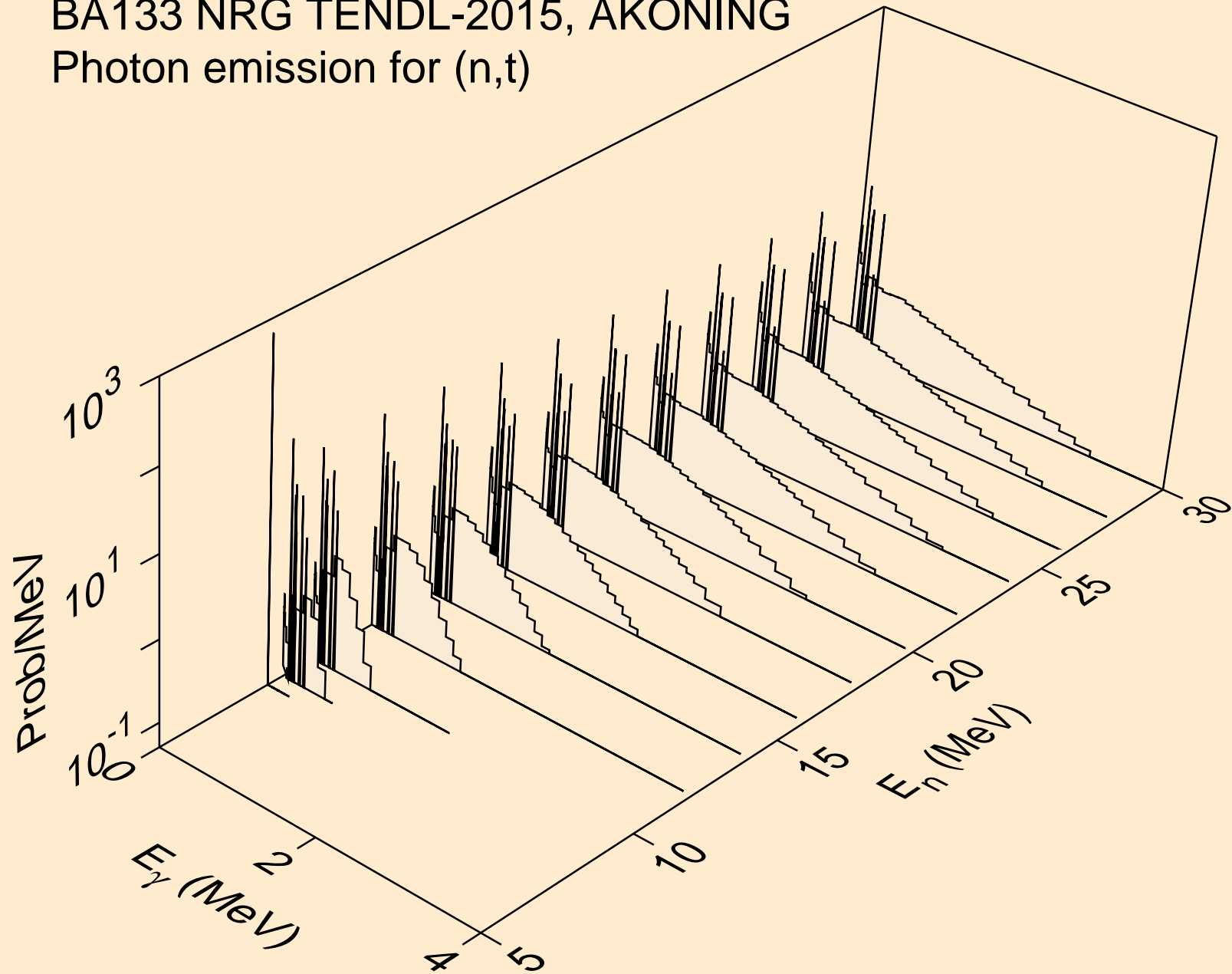
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



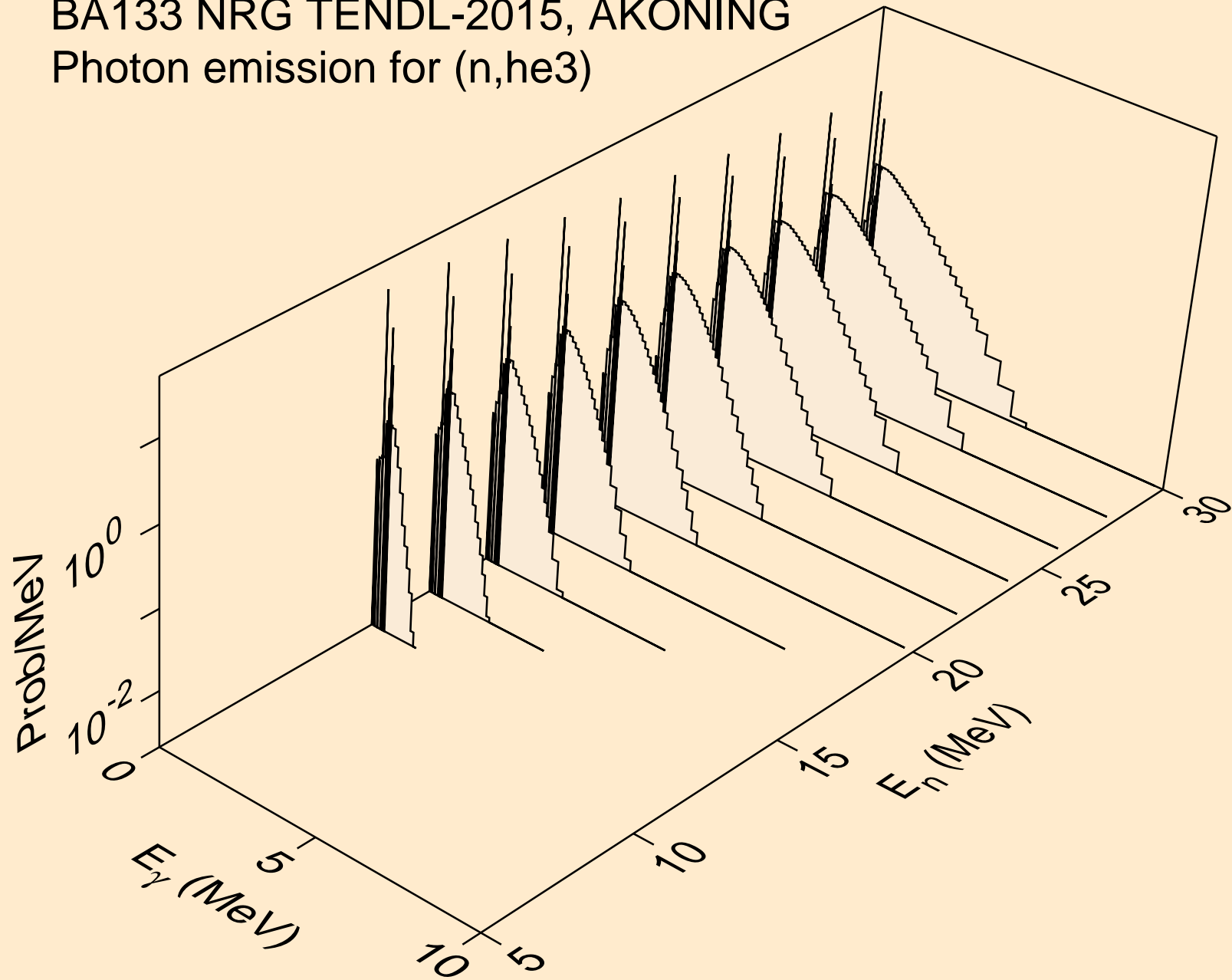
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



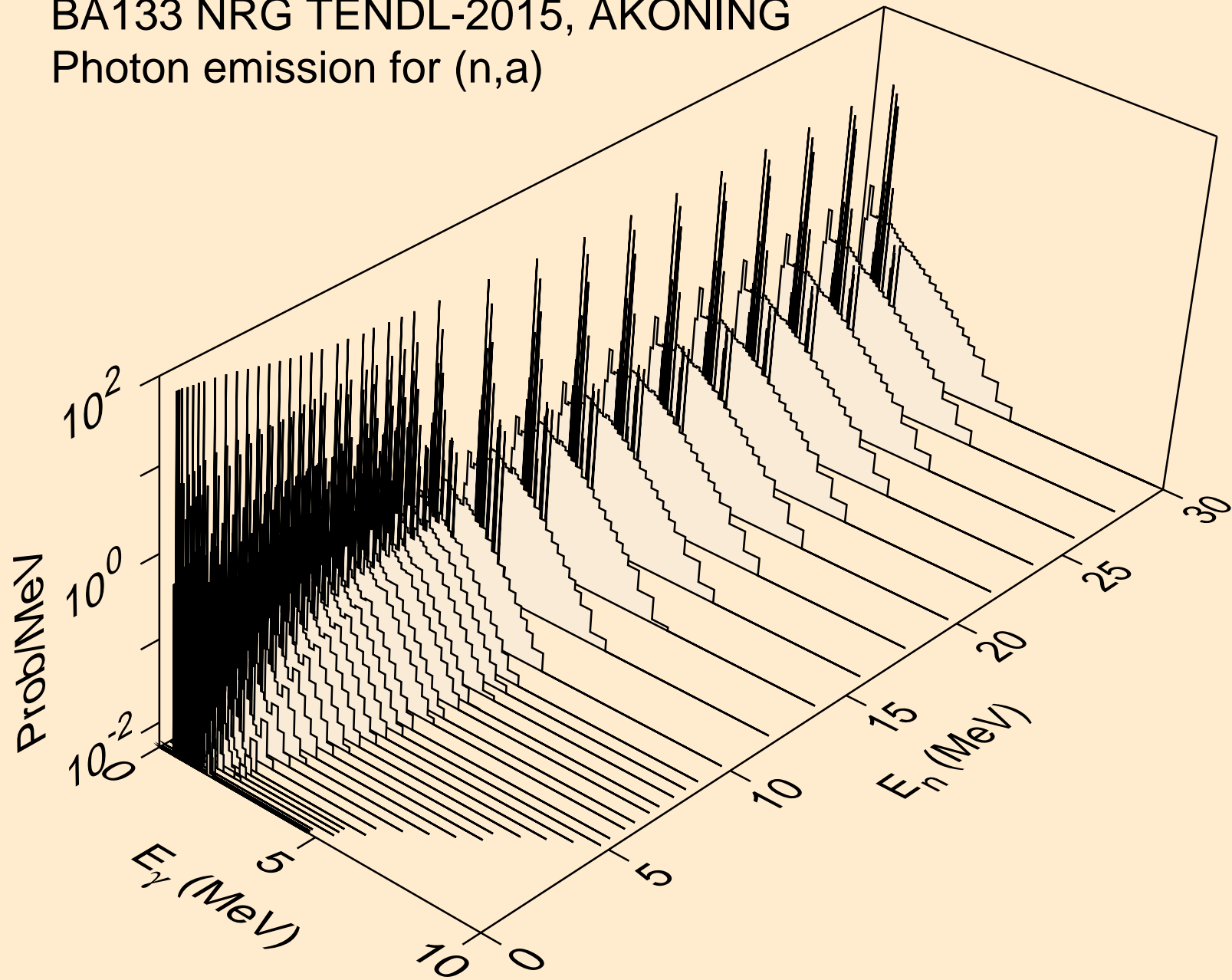
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

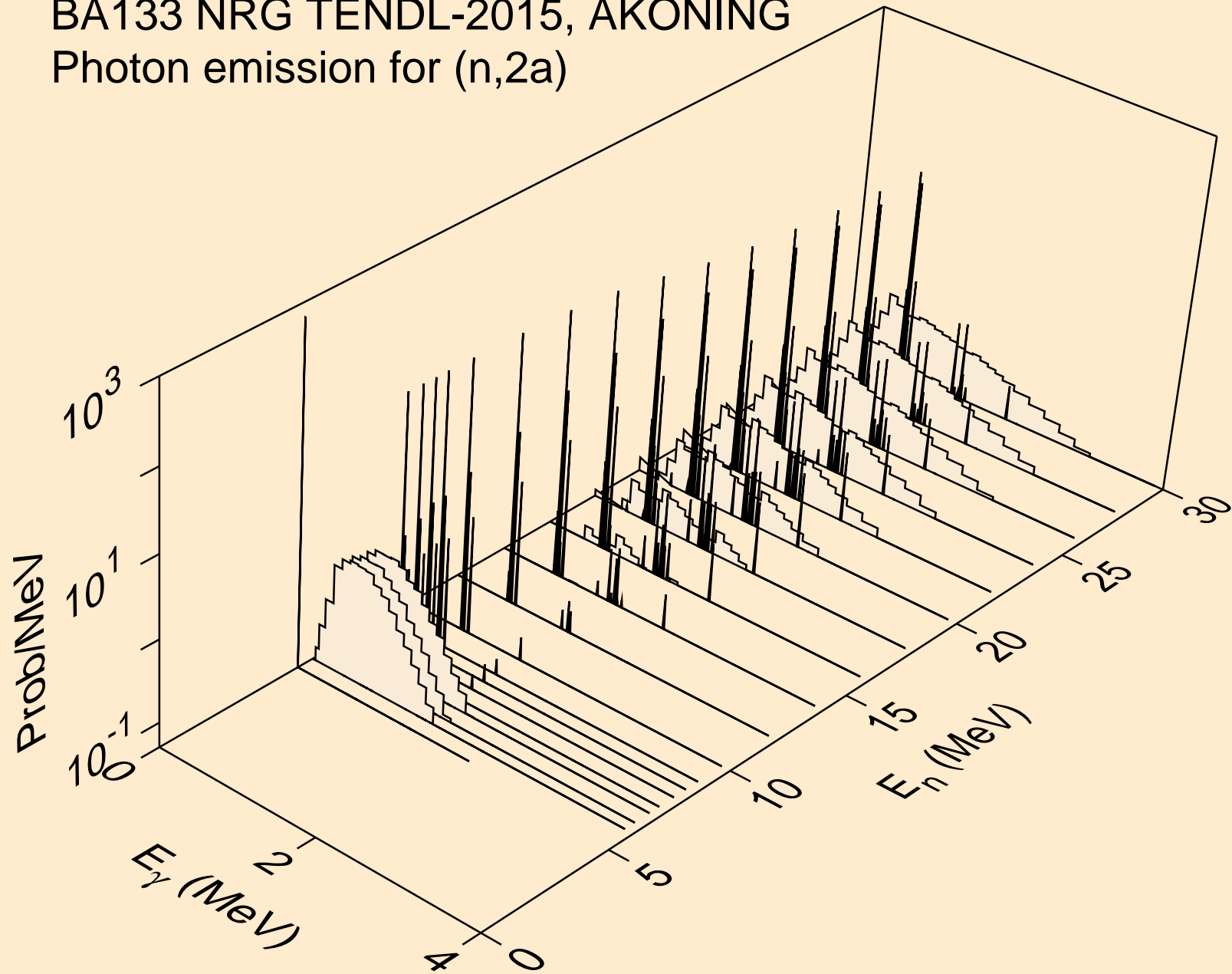


BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

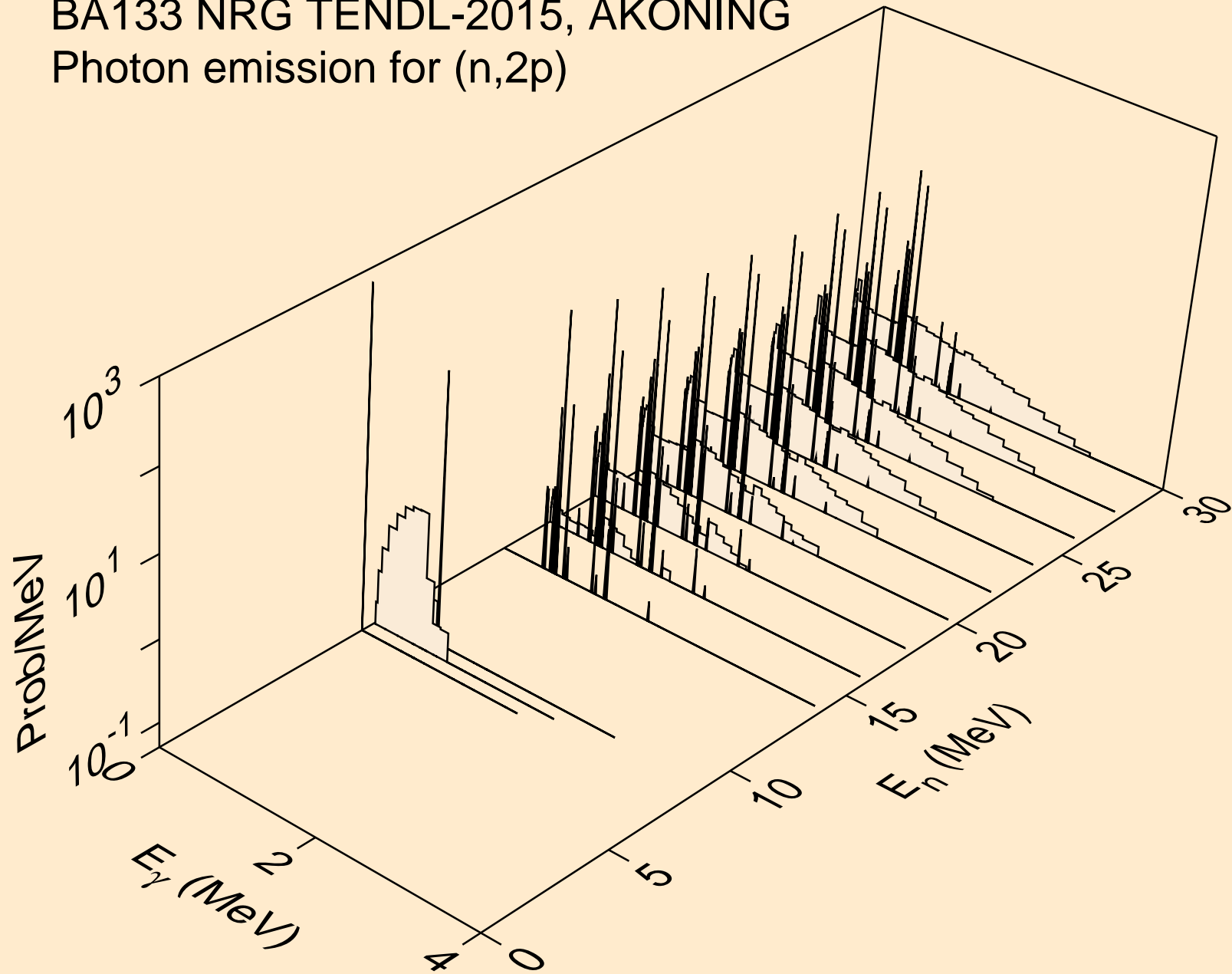




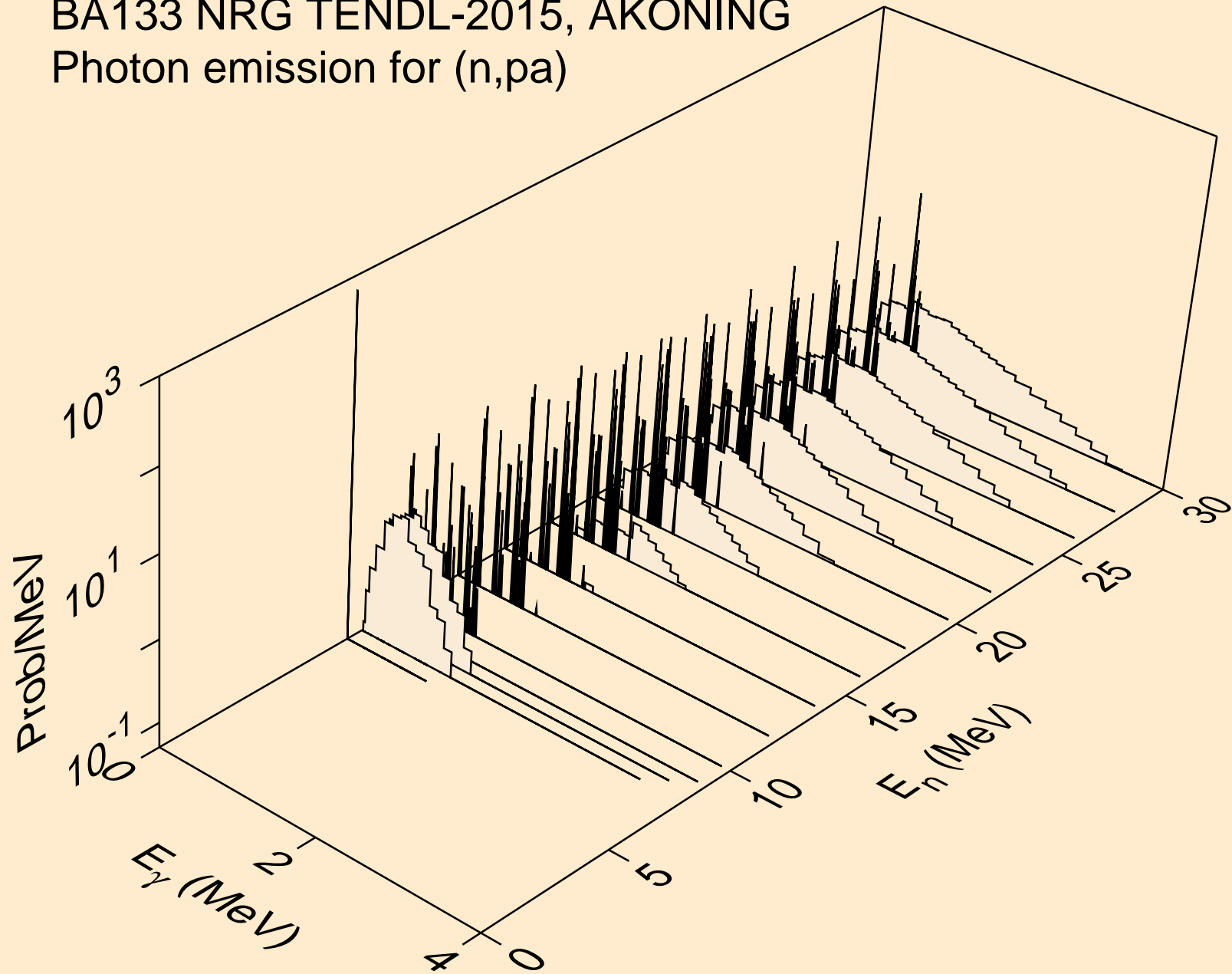
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



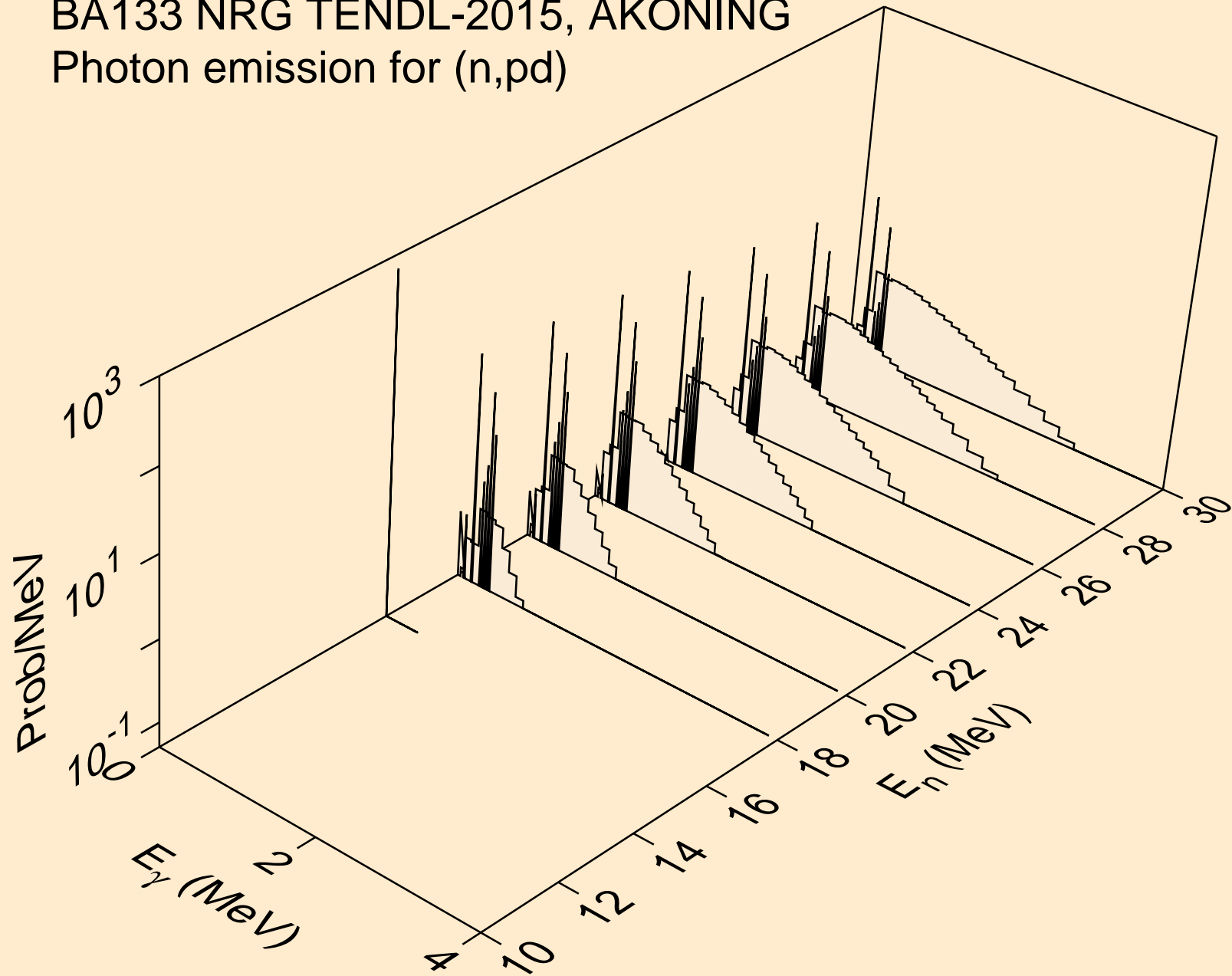
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



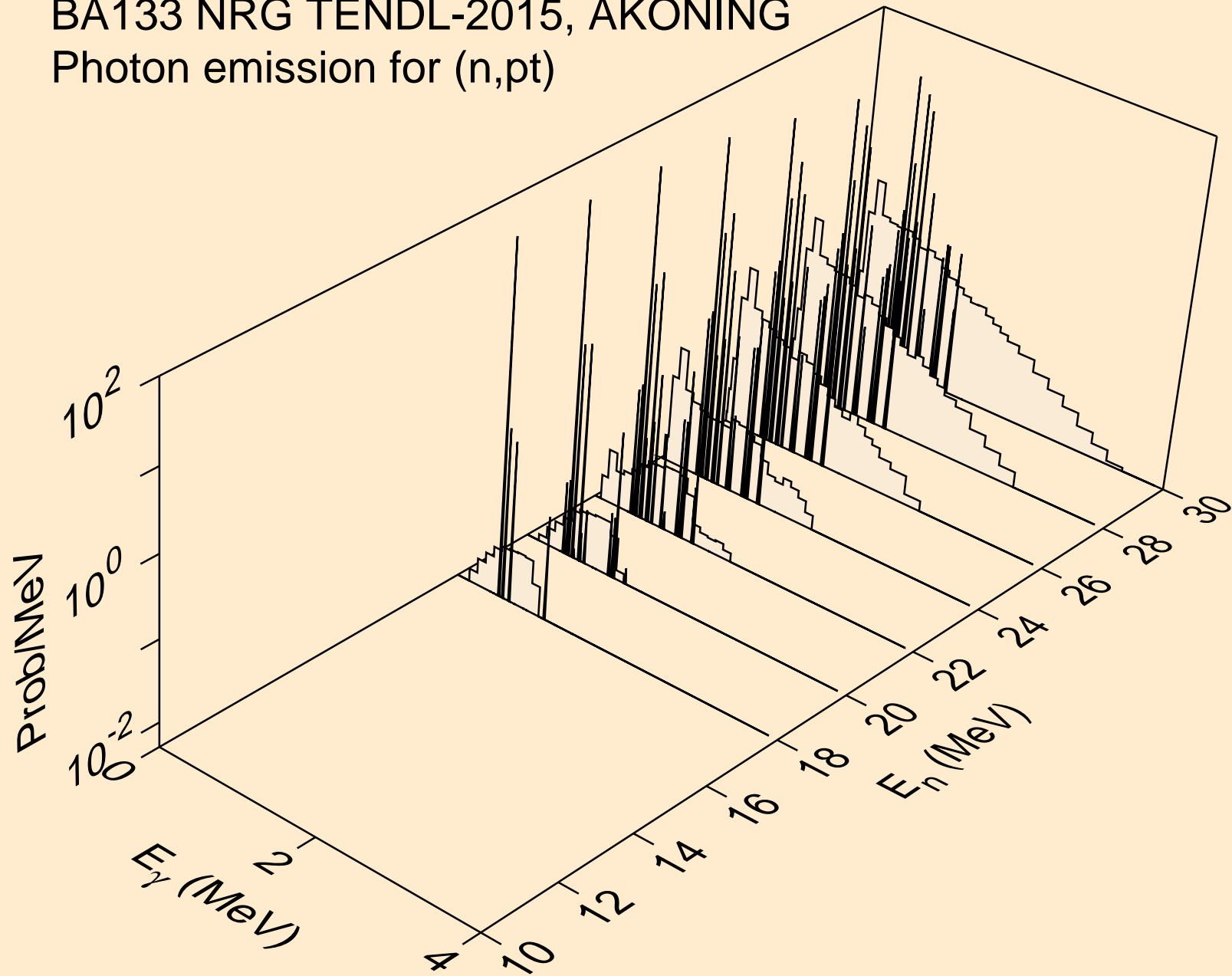
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



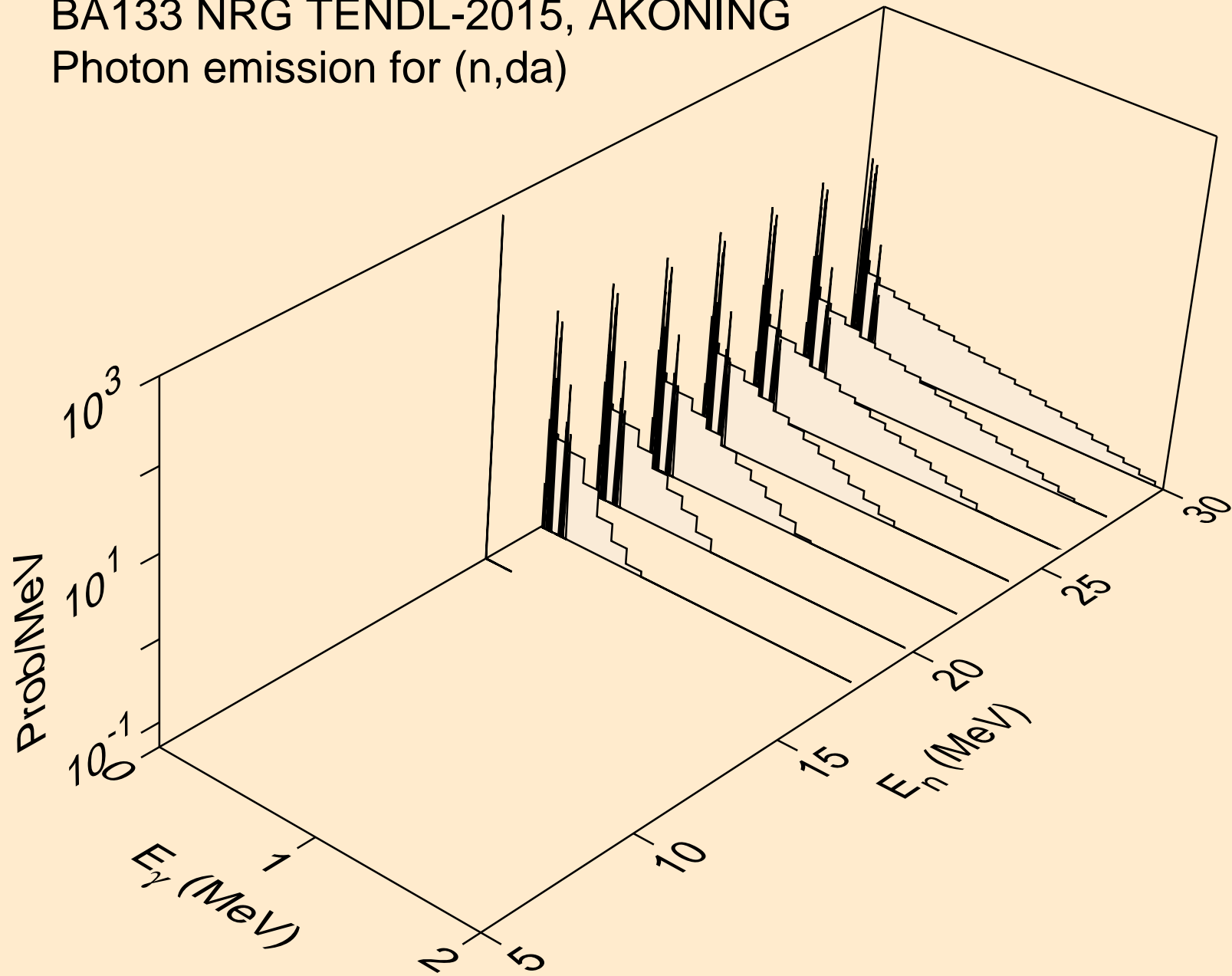
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



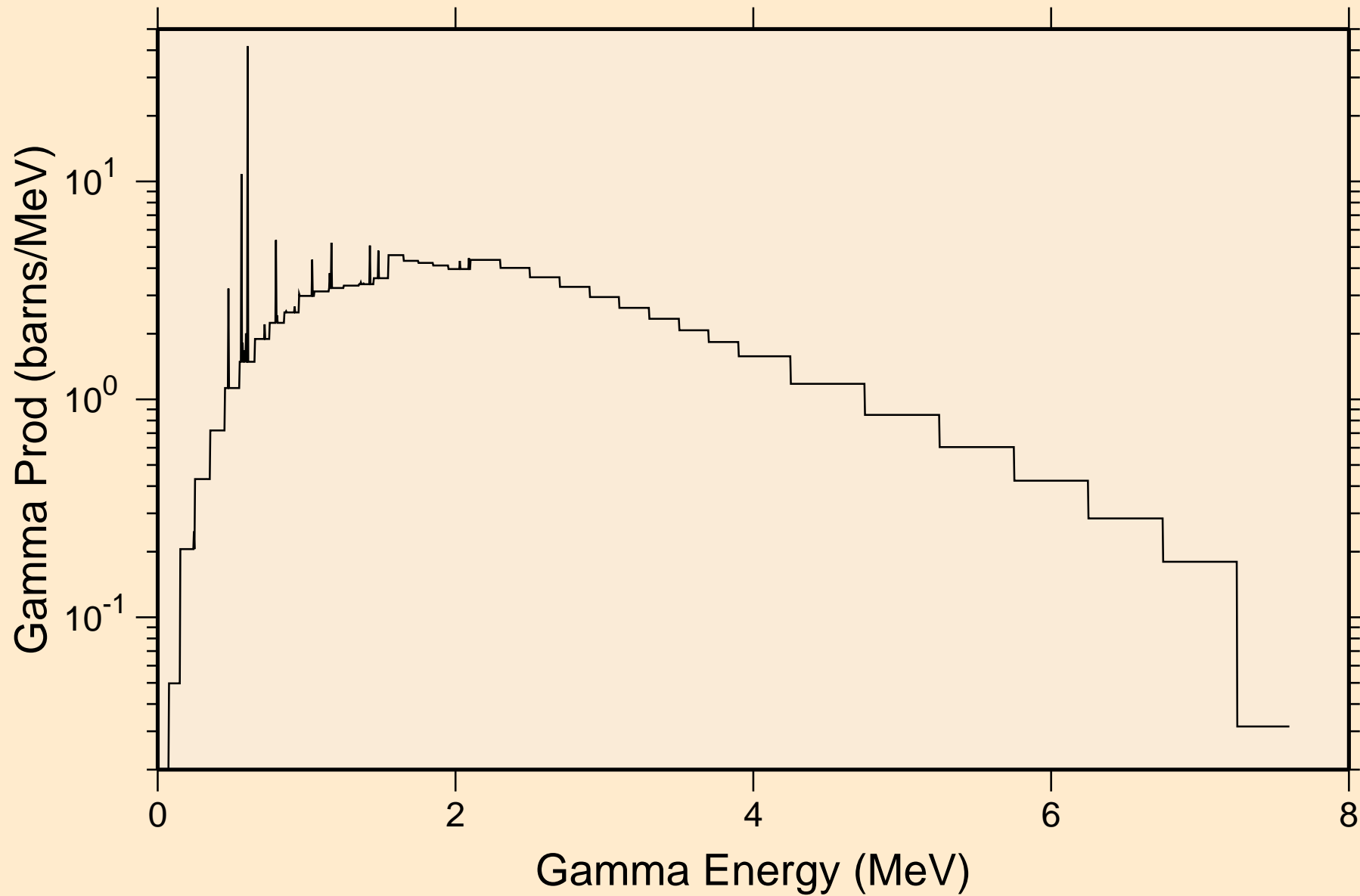
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



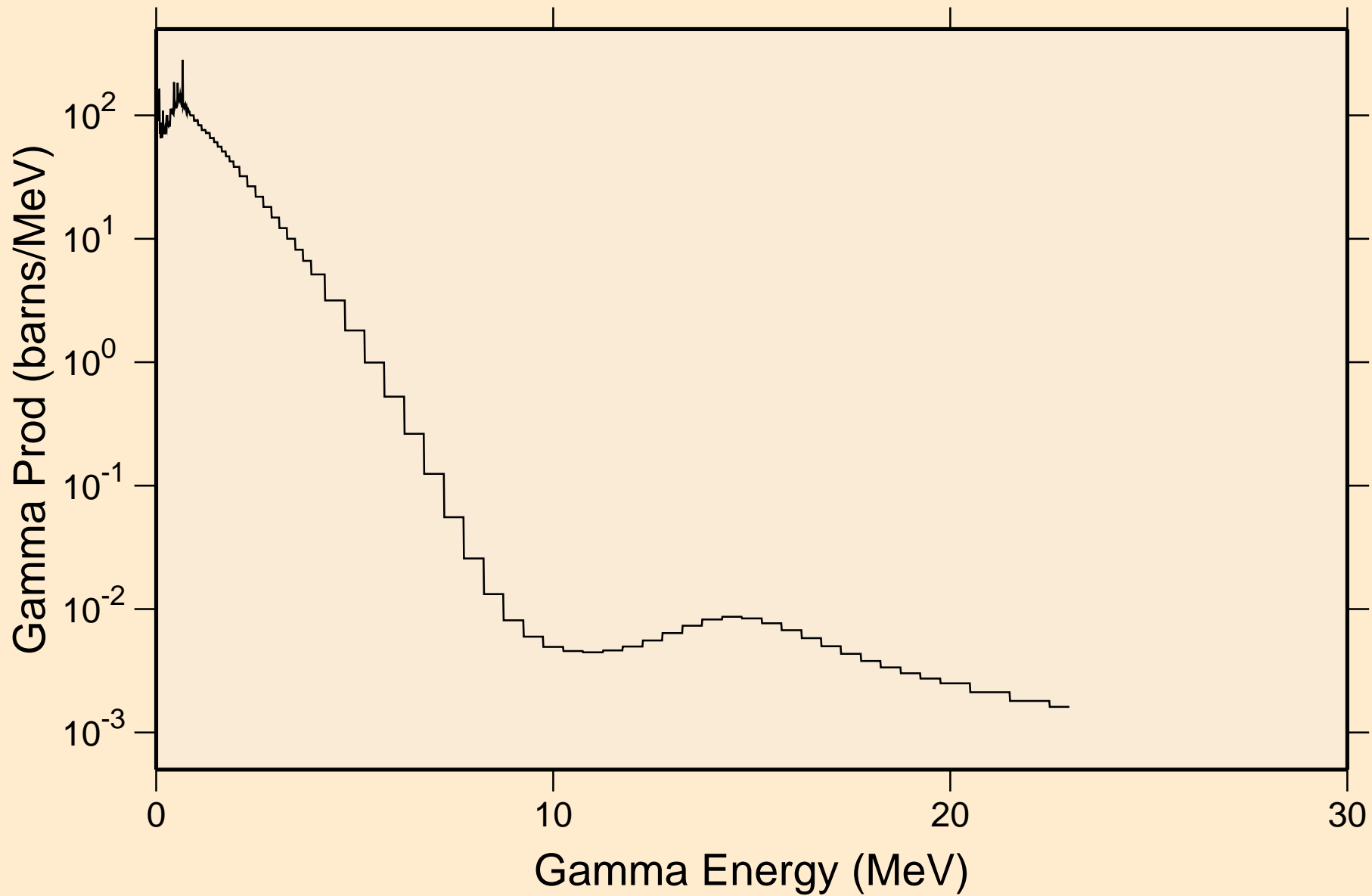
BA133 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BA133 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



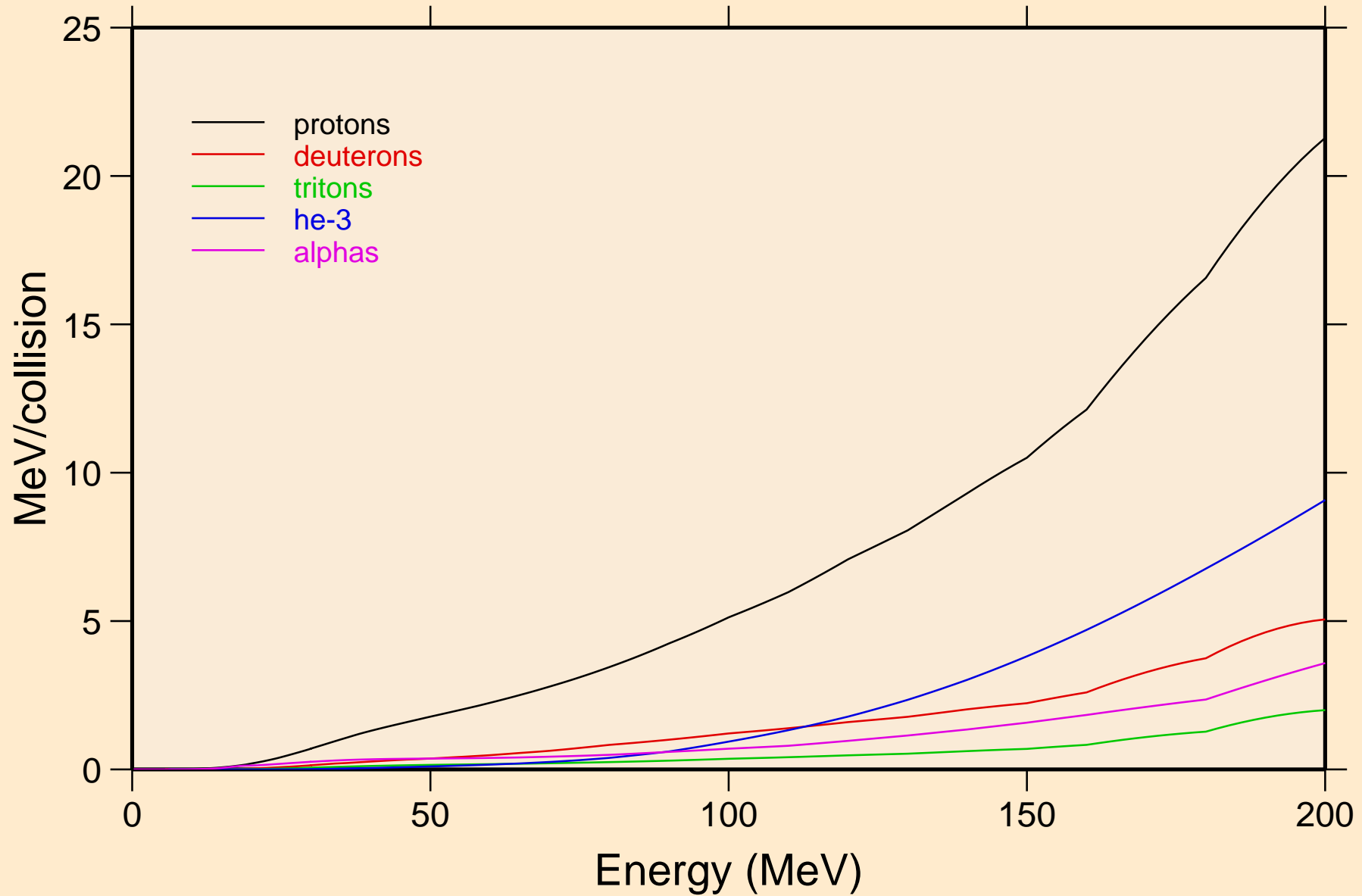
BA133 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





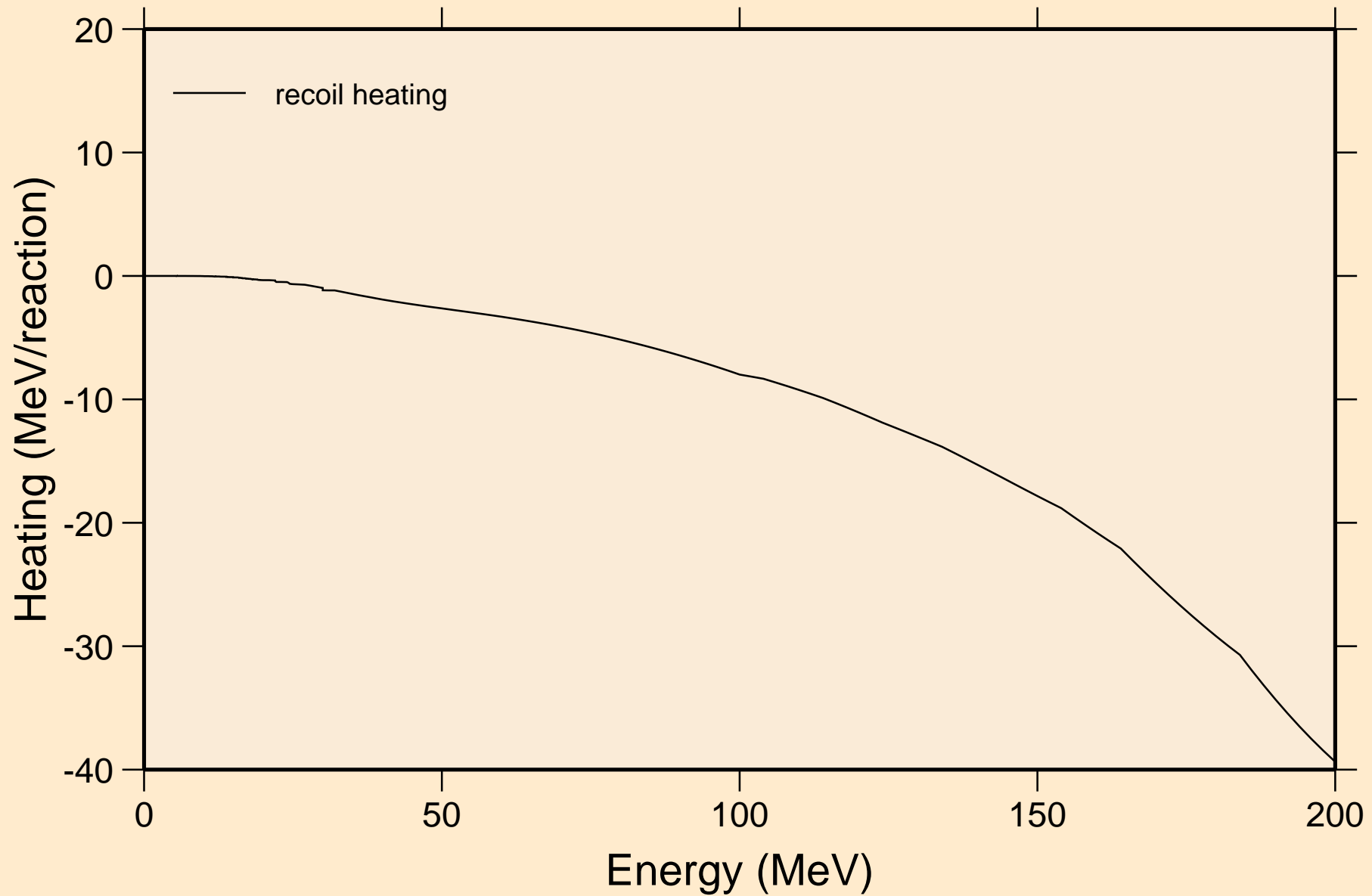
# BA133 NRG TENDL-2015, AKONING

## Particle heating contributions



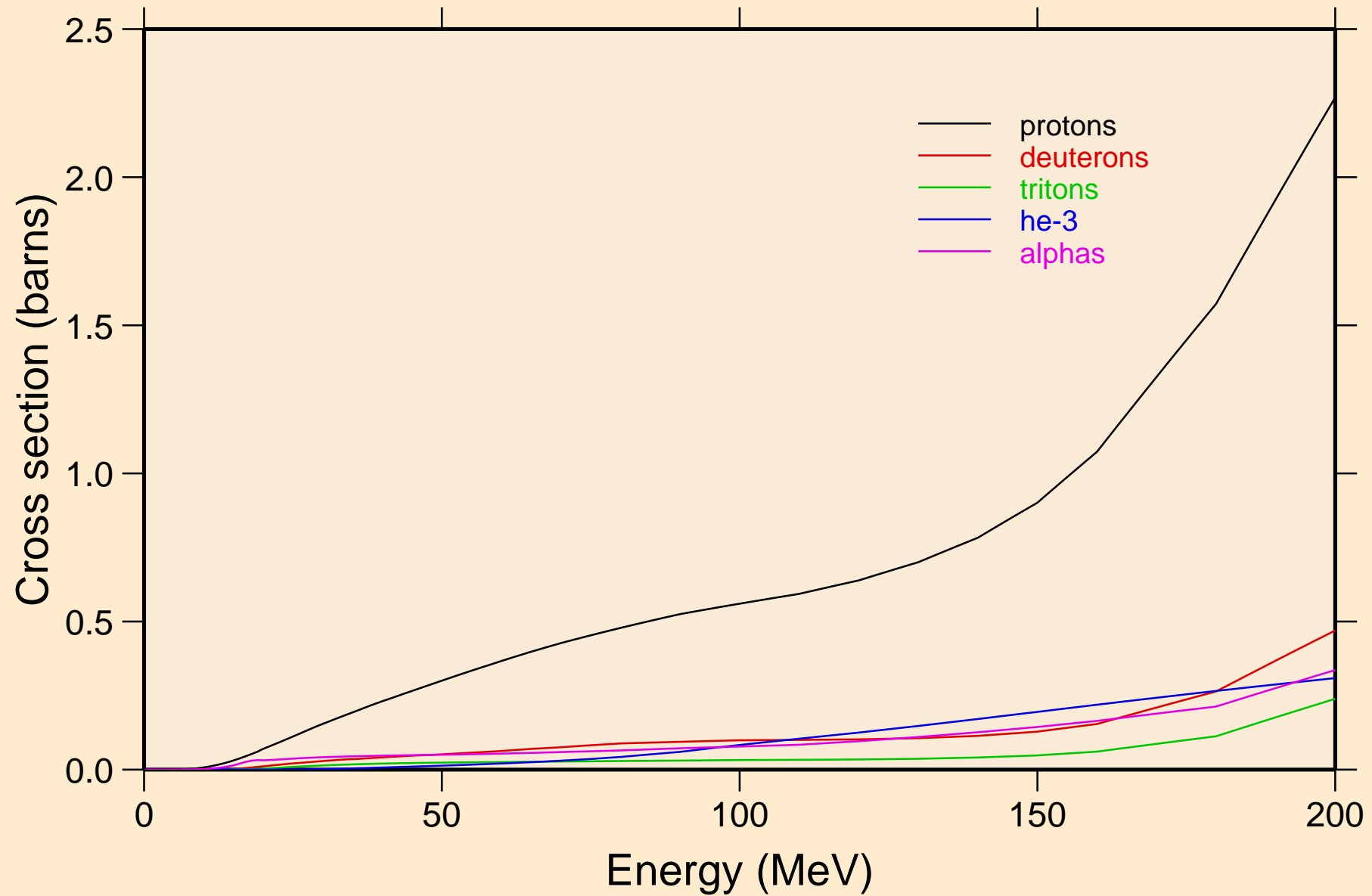
# BA133 NRG TENDL-2015, AKONING

## Recoil Heating

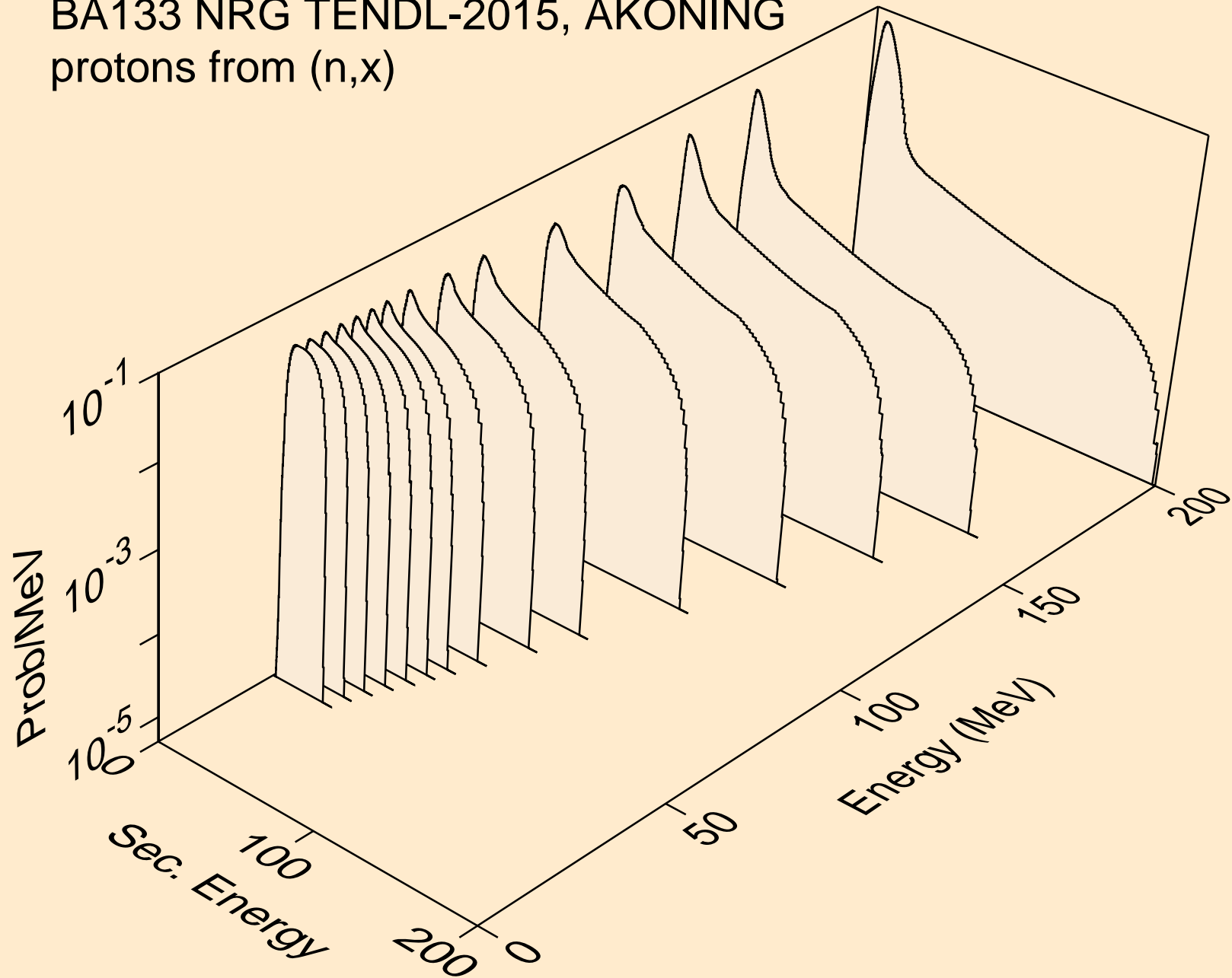


# BA133 NRG TENDL-2015, AKONING

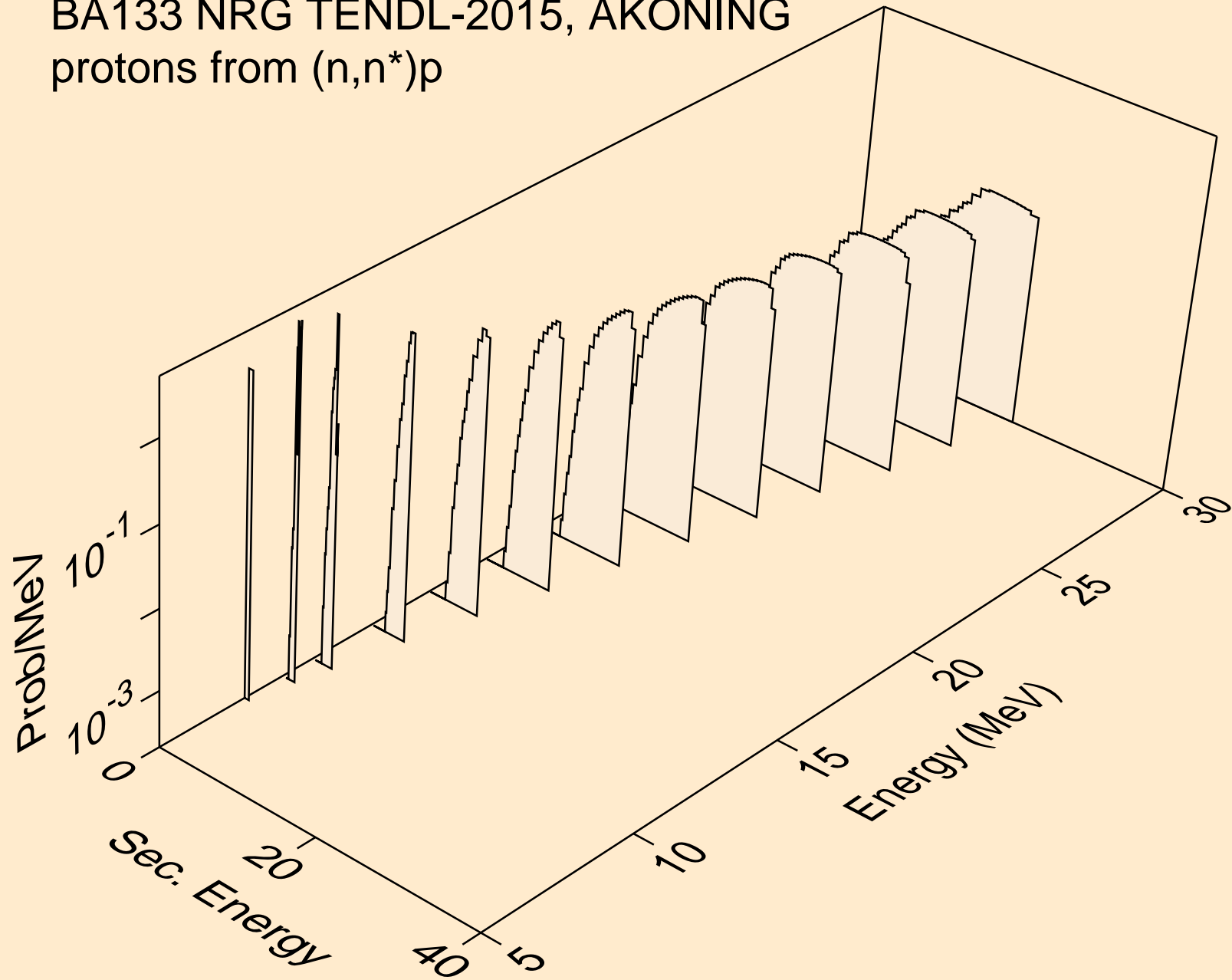
## Particle production cross sections



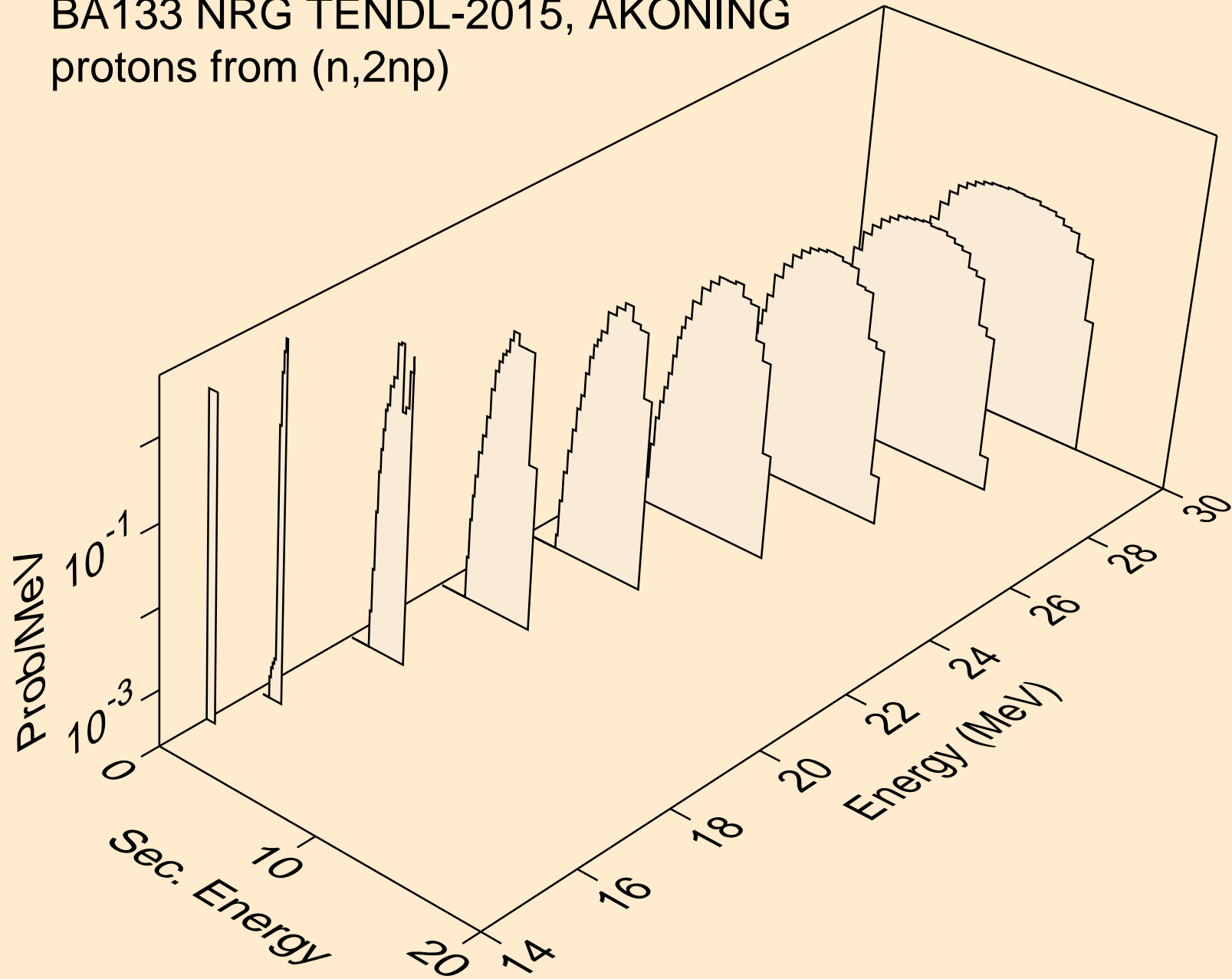
BA133 NRG TENDL-2015, AKONING  
protons from (n,x)



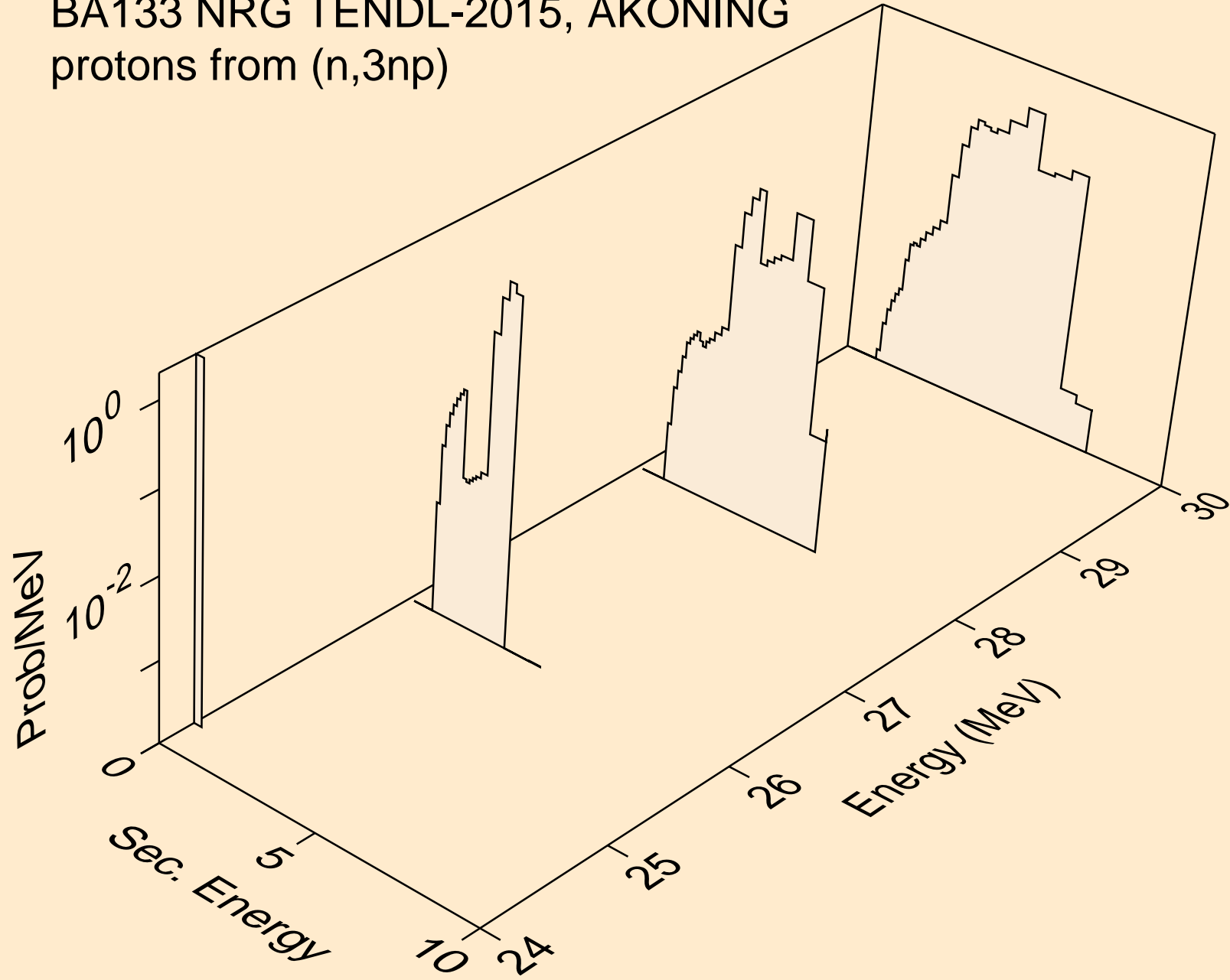
BA133 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



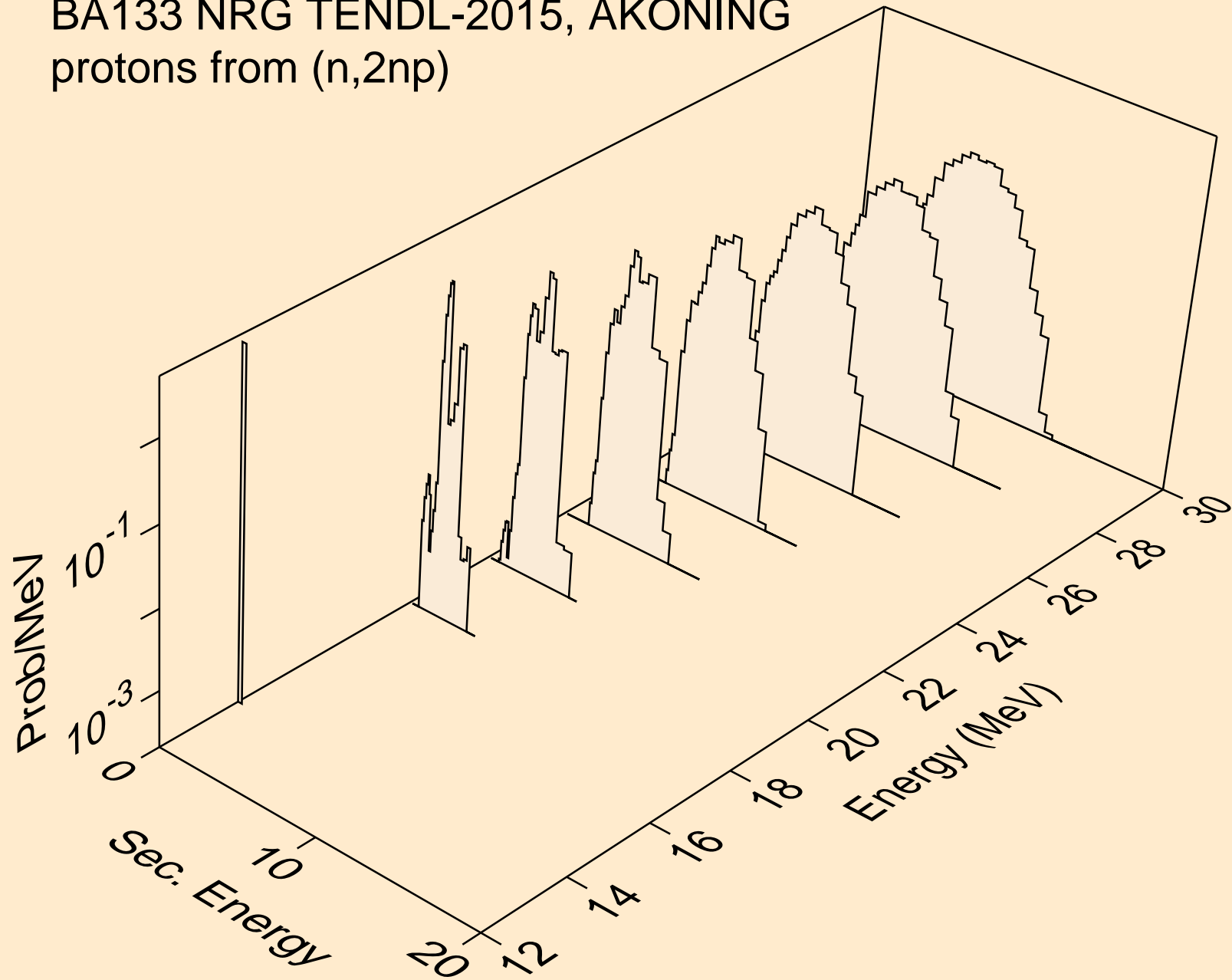
BA133 NRG TENDL-2015, AKONING  
protons from (n,2np)



BA133 NRG TENDL-2015, AKONING  
protons from (n,3np)

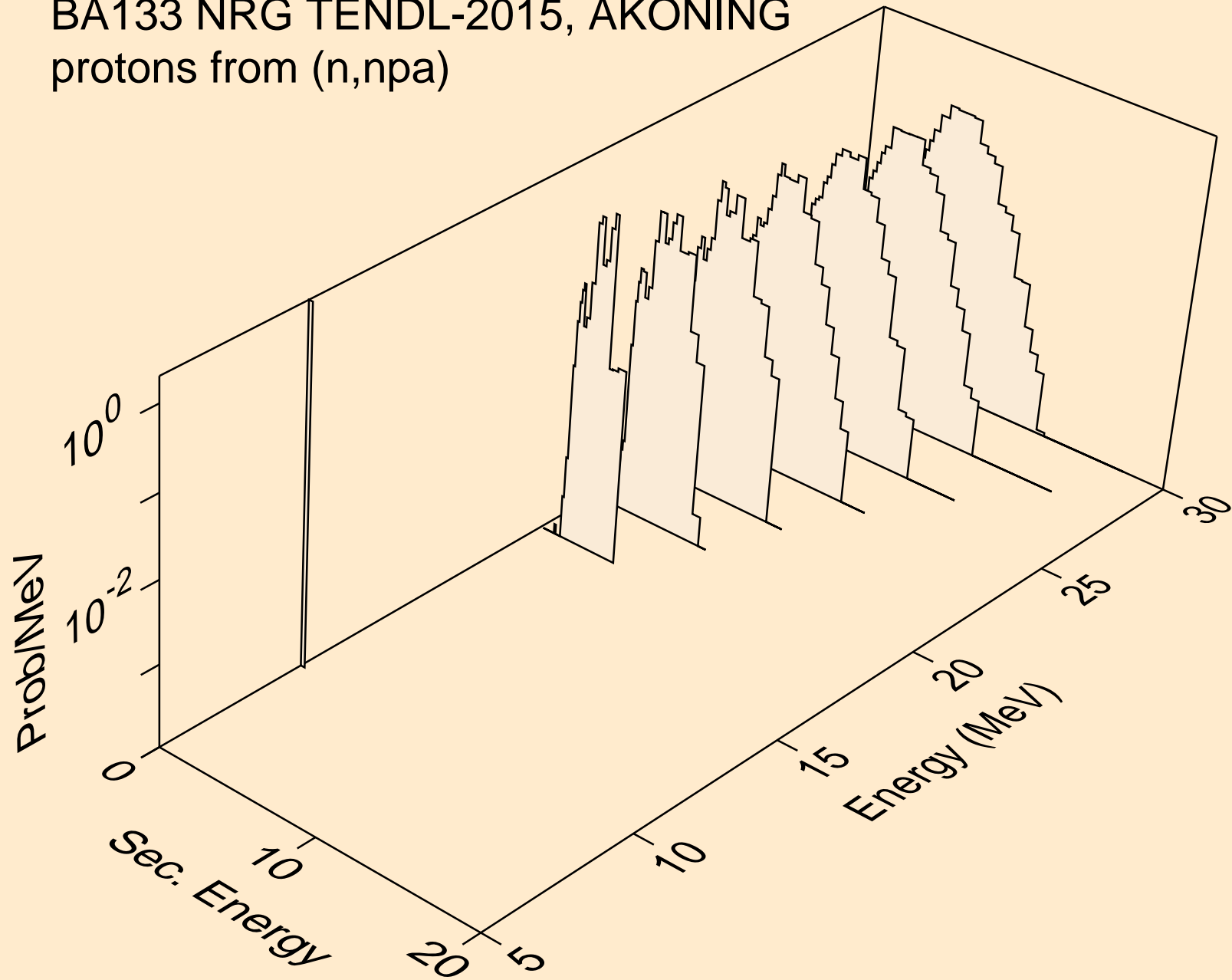


BA133 NRG TENDL-2015, AKONING  
protons from (n,2np)

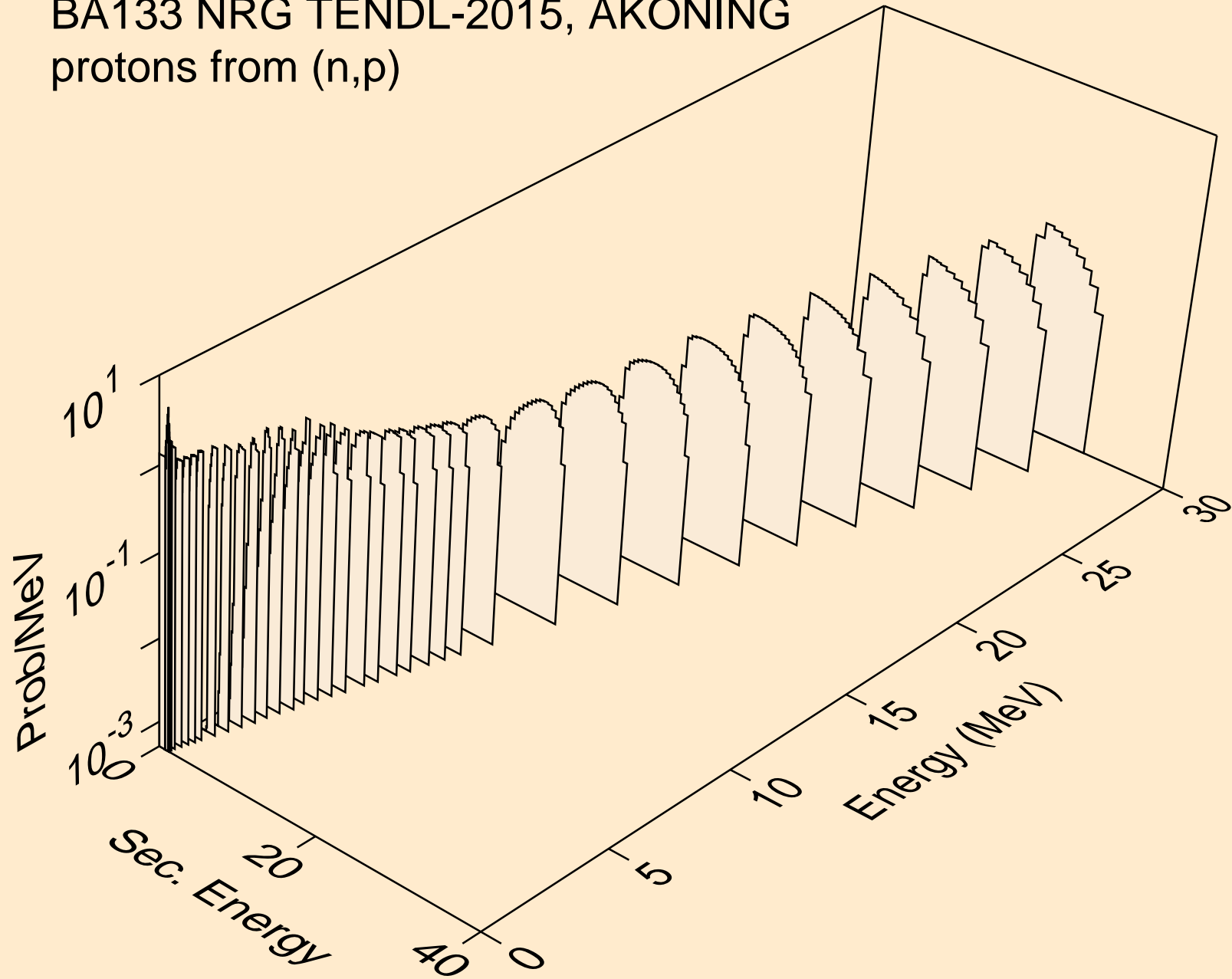




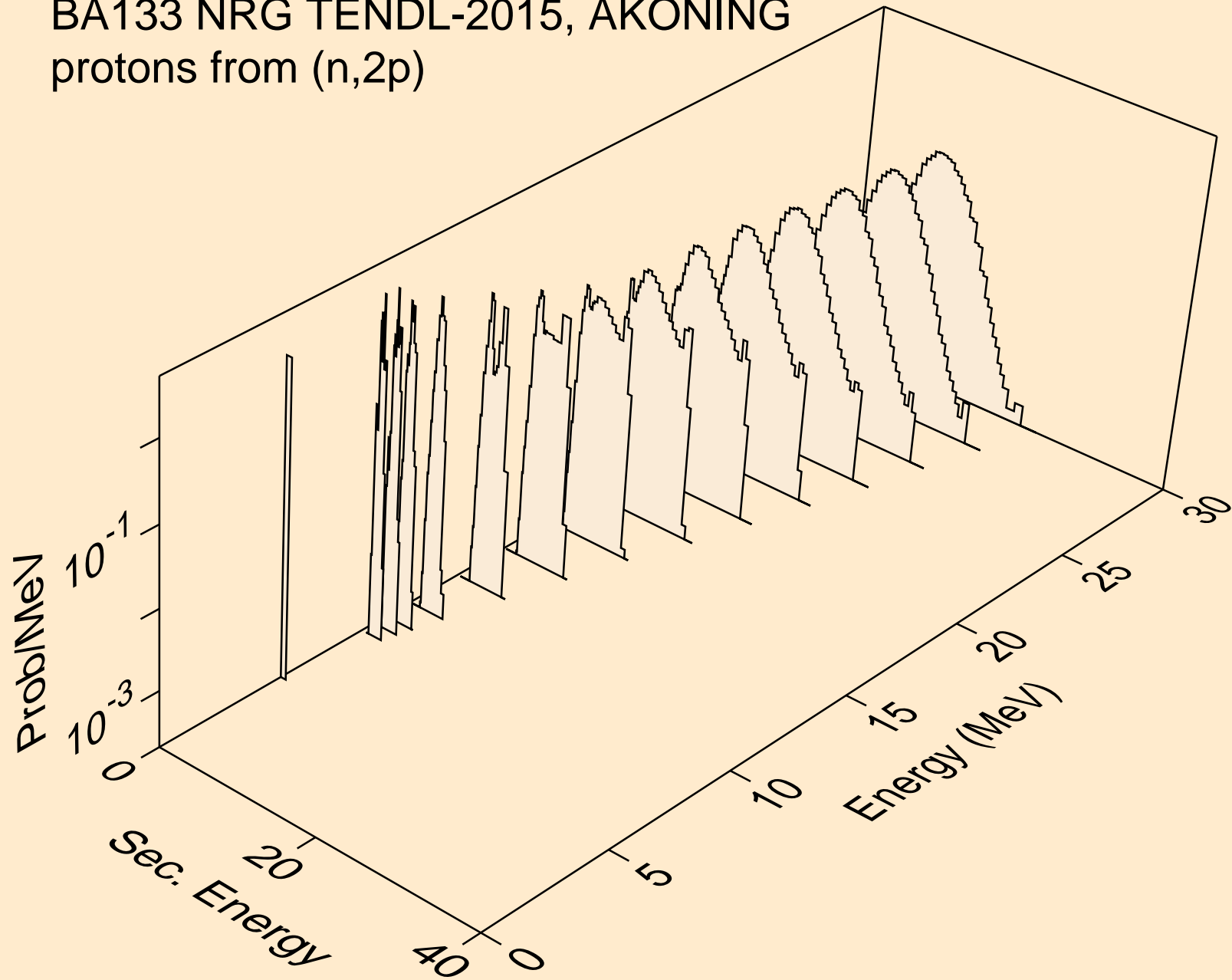
BA133 NRG TENDL-2015, AKONING  
protons from (n,npa)



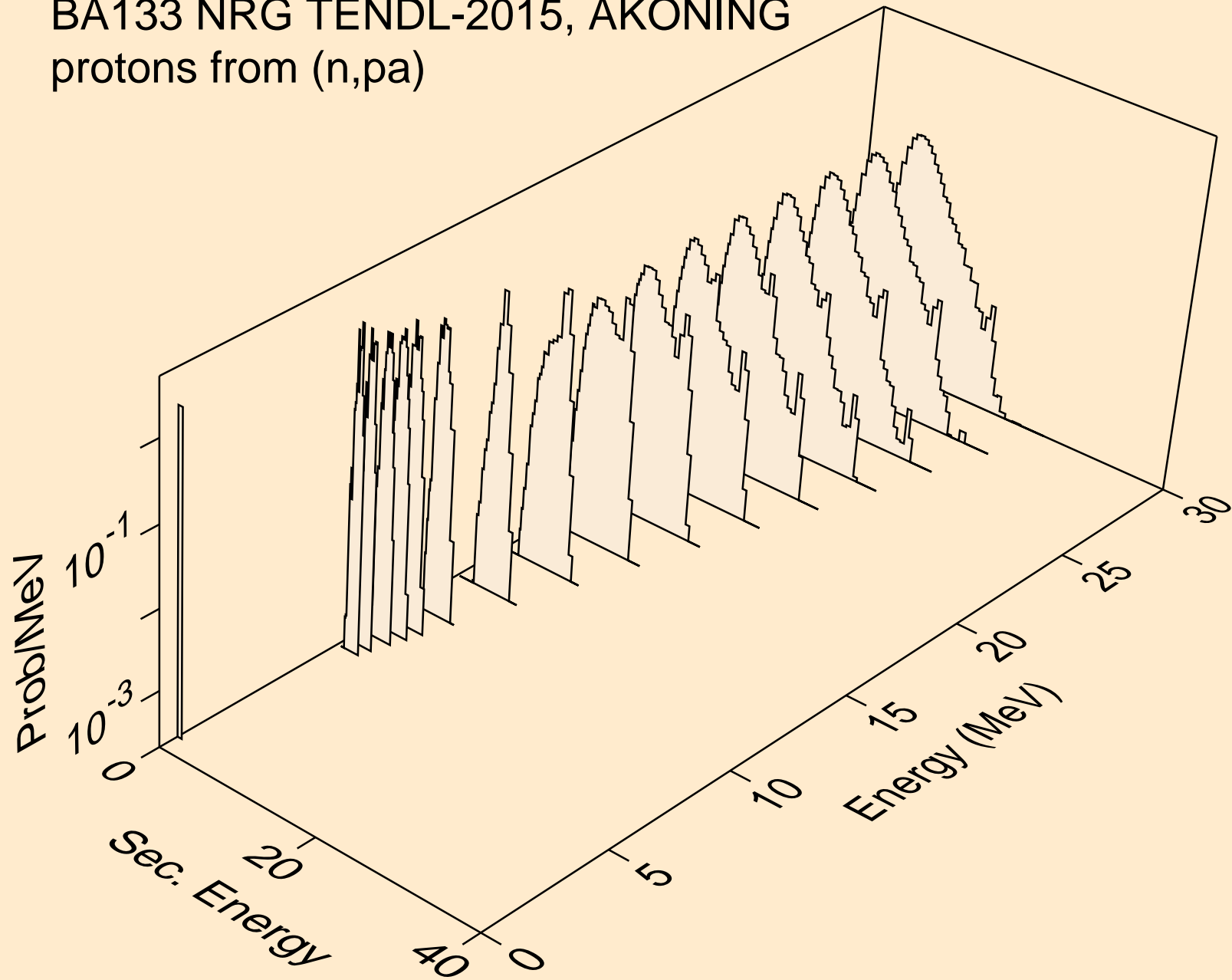
BA133 NRG TENDL-2015, AKONING  
protons from (n,p)



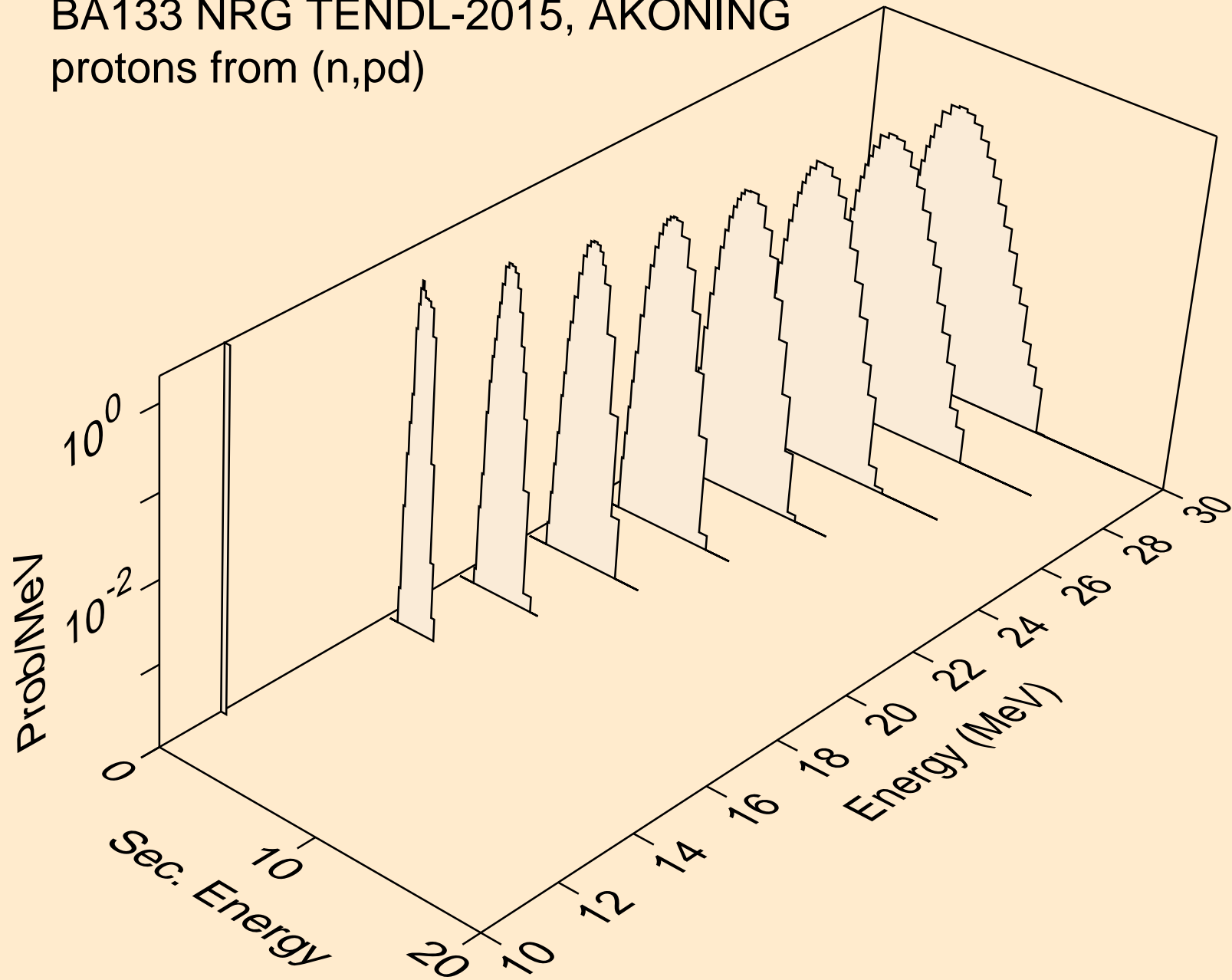
BA133 NRG TENDL-2015, AKONING  
protons from (n,2p)



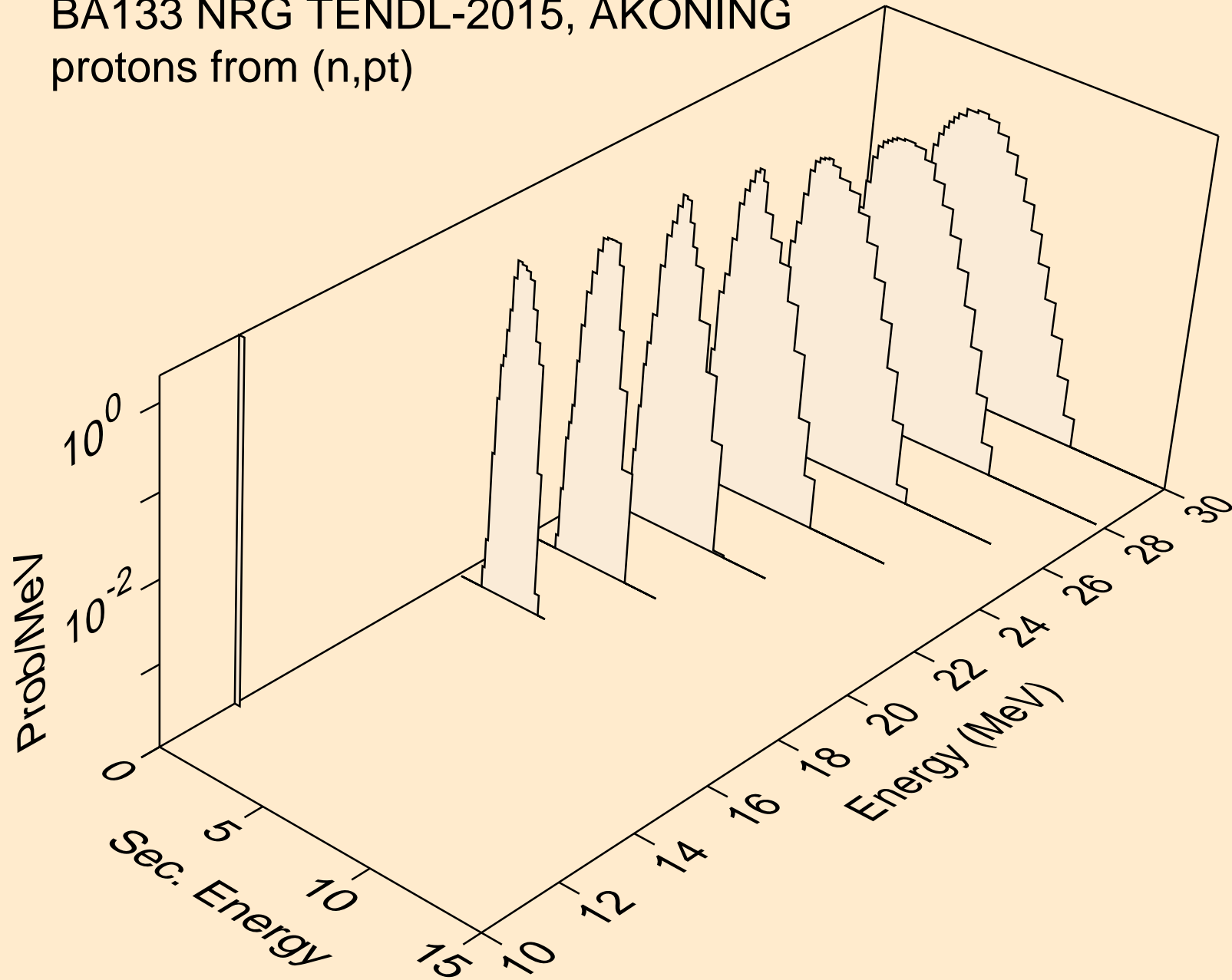
BA133 NRG TENDL-2015, AKONING  
protons from (n,pa)



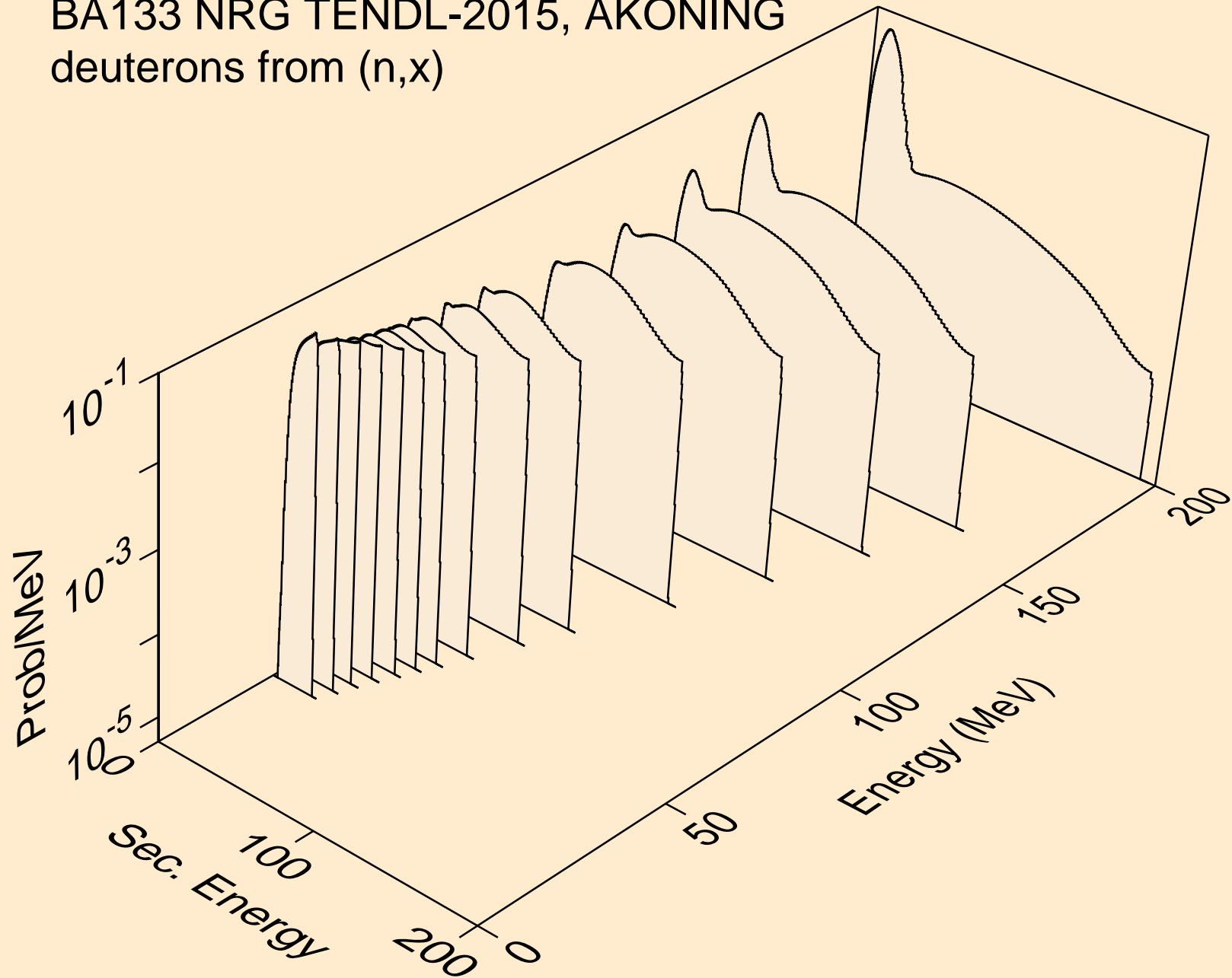
BA133 NRG TENDL-2015, AKONING  
protons from (n,pd)



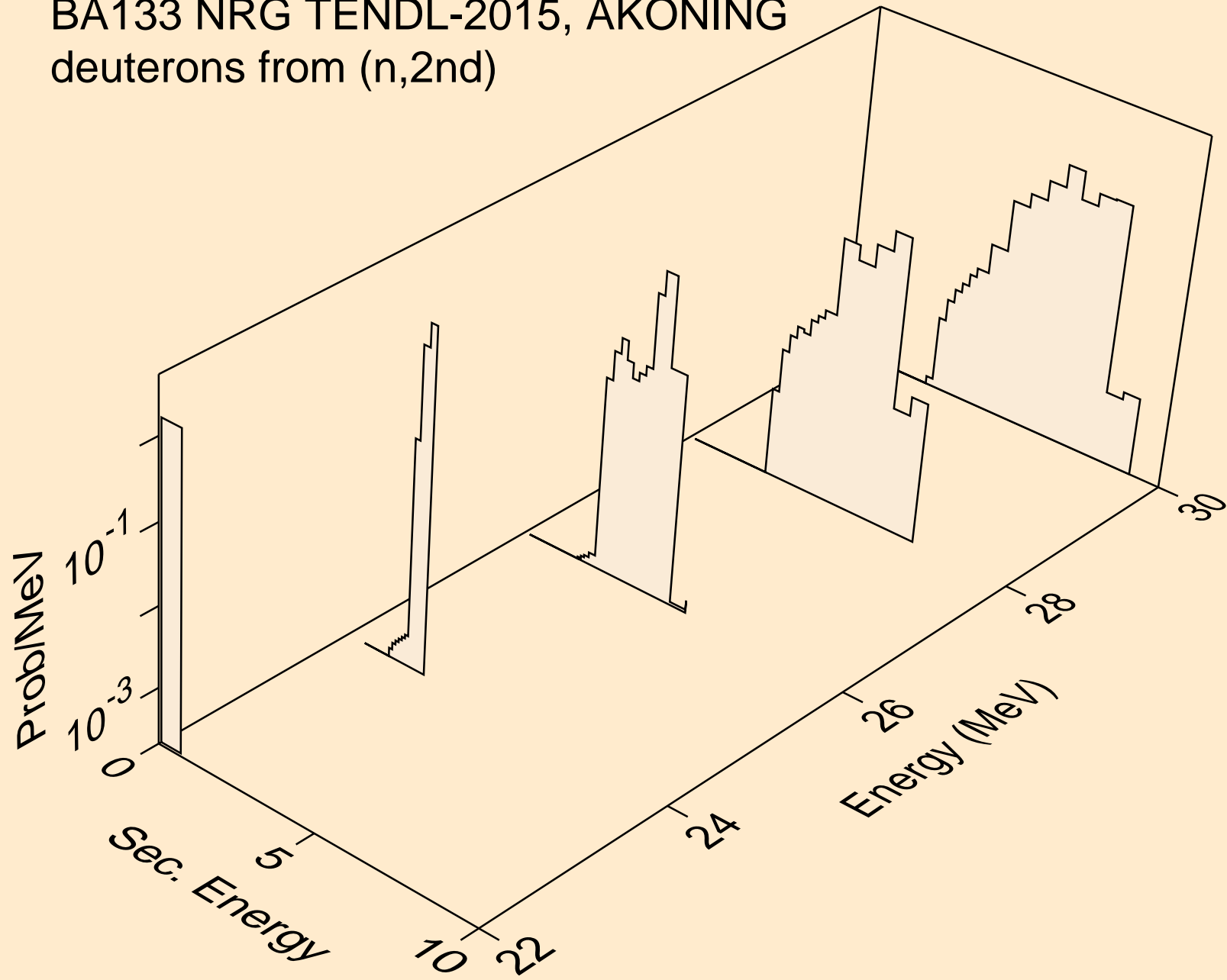
BA133 NRG TENDL-2015, AKONING  
protons from (n,pt)



BA133 NRG TENDL-2015, AKONING  
deuterons from (n,x)

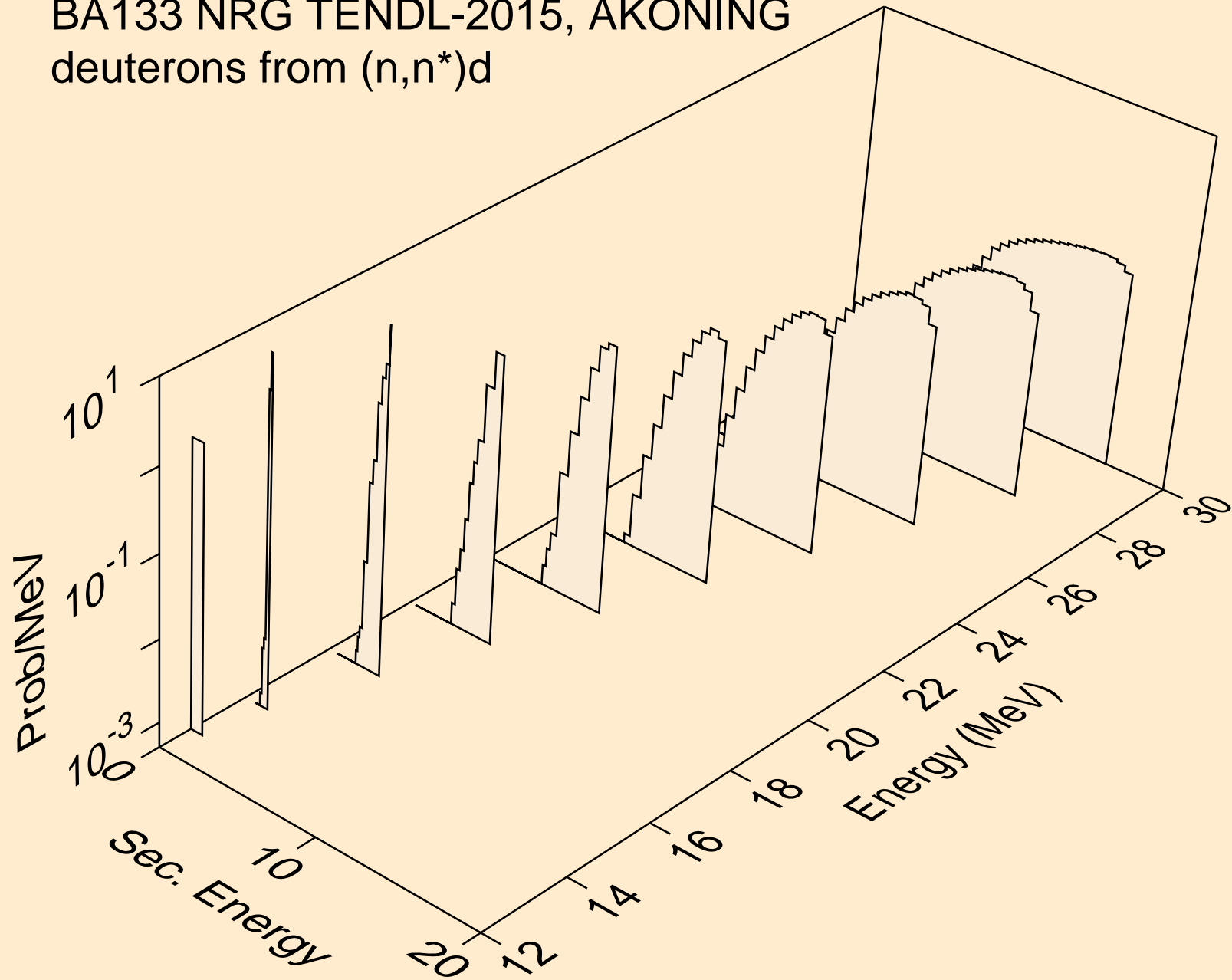


BA133 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

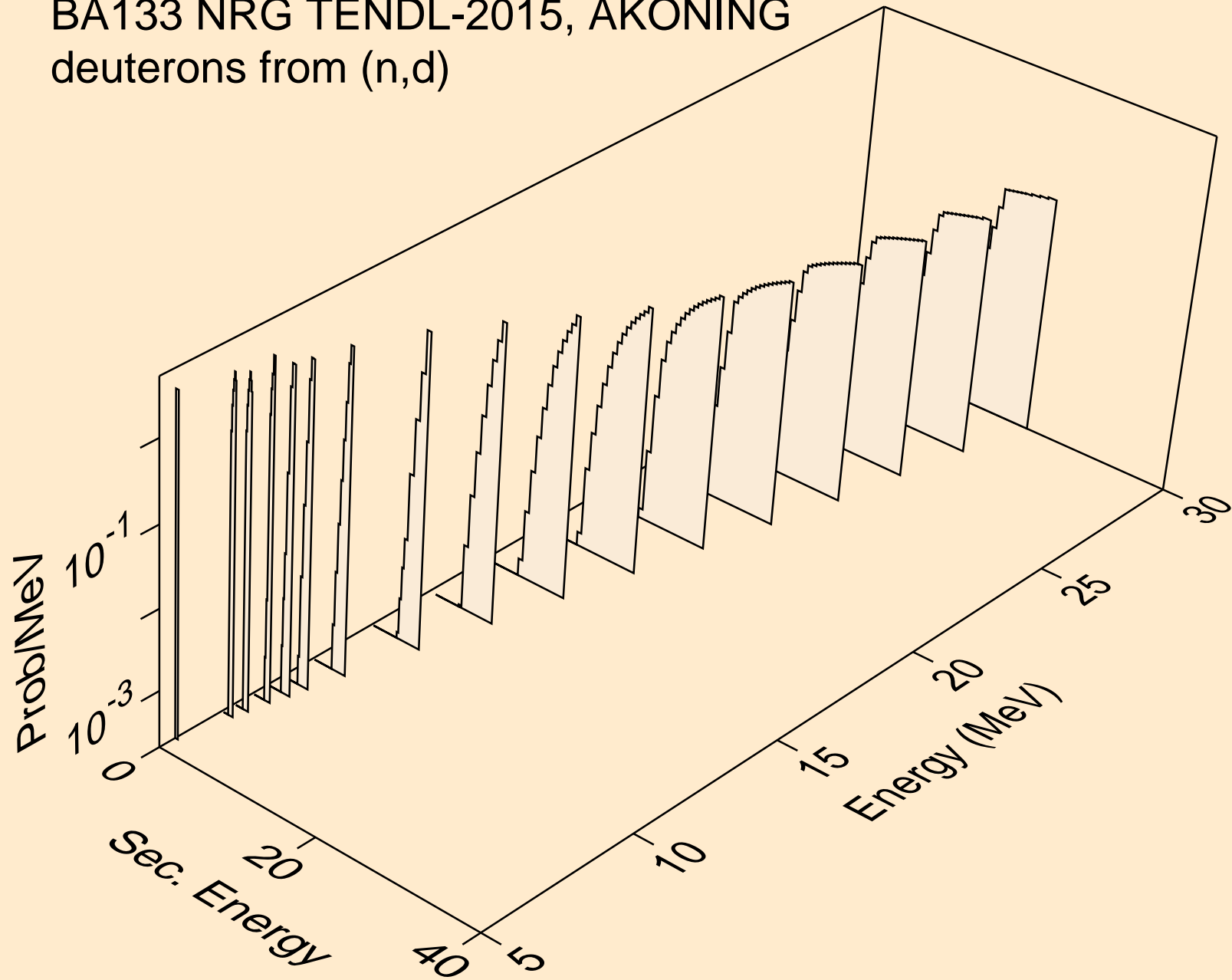




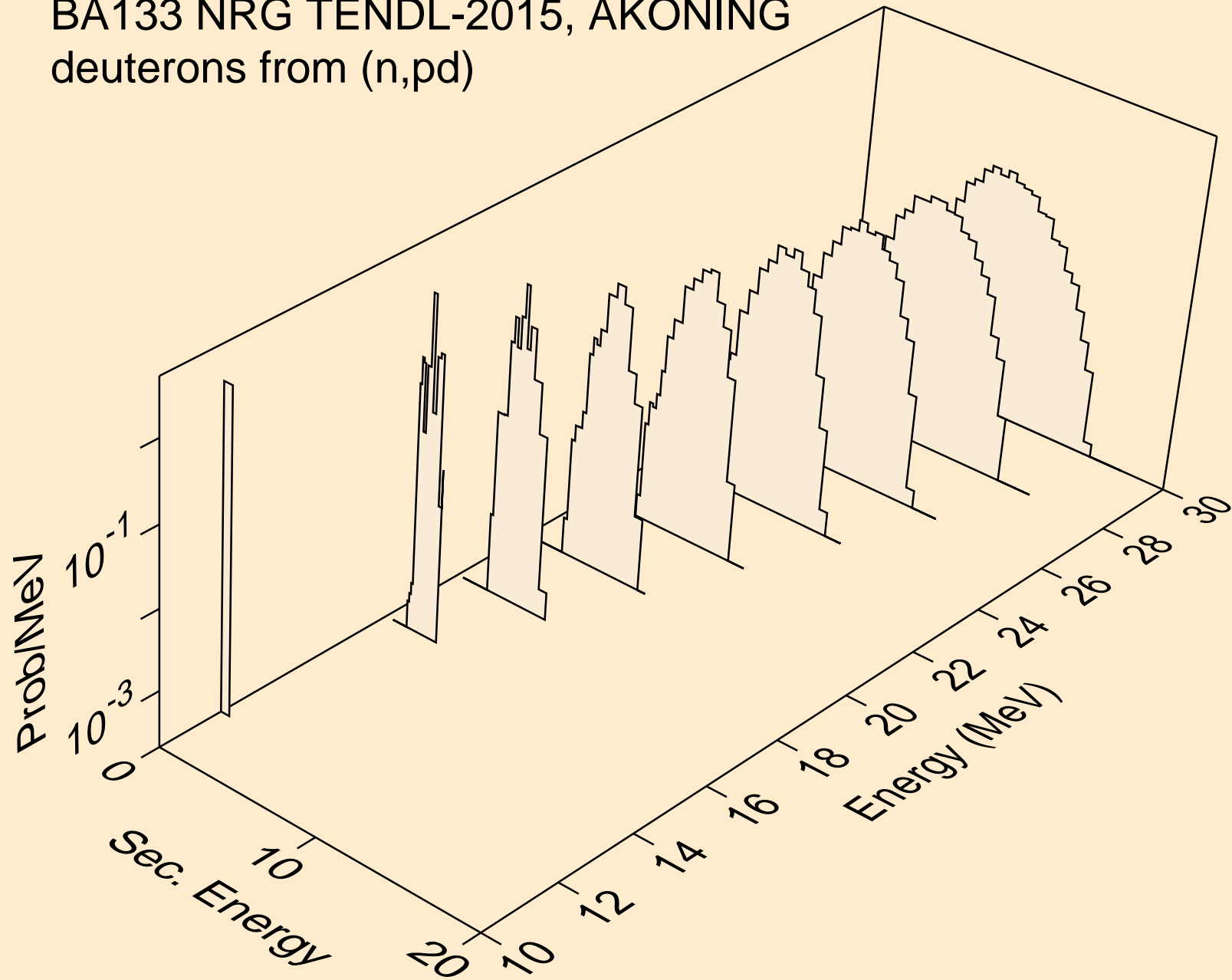
BA133 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



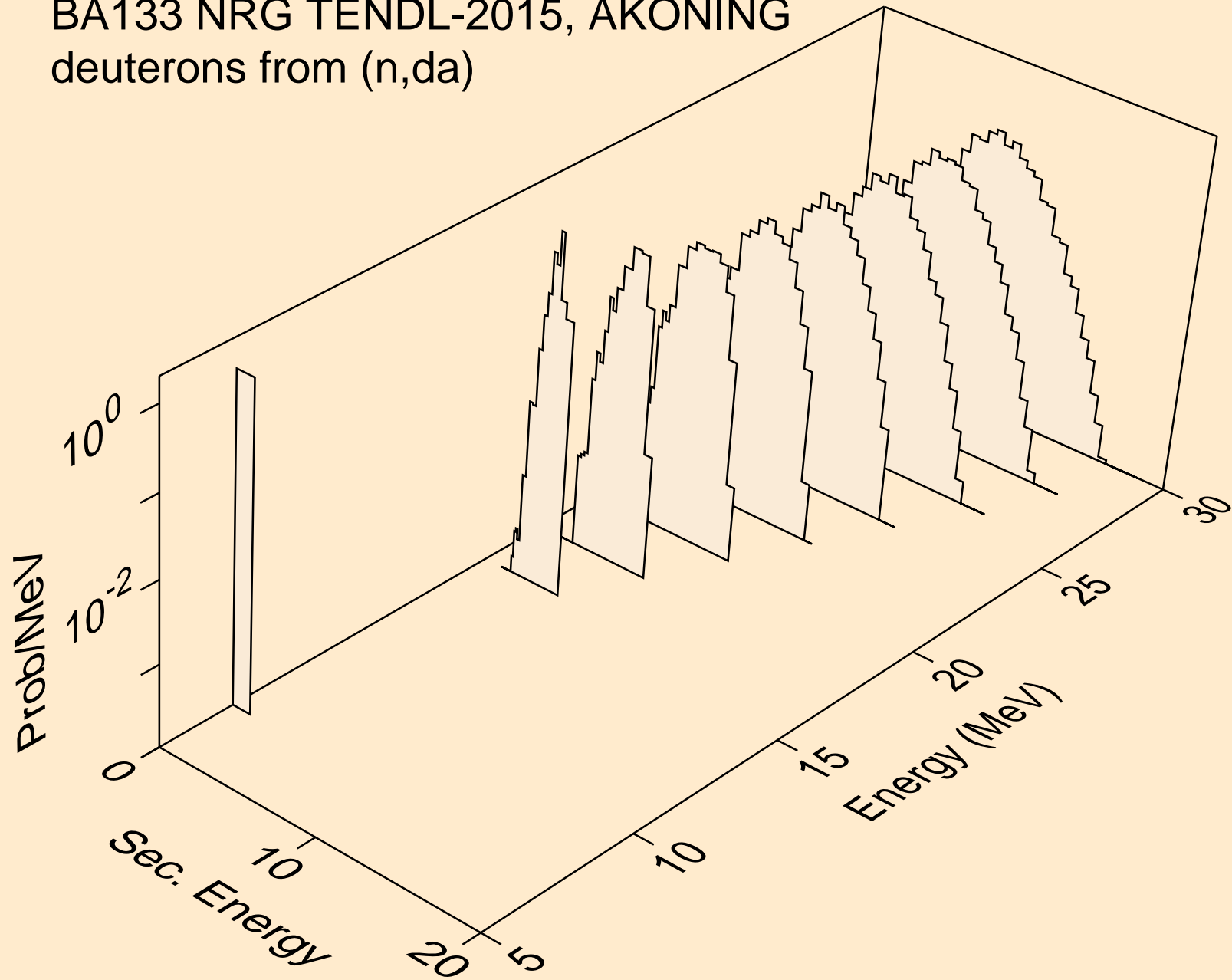
BA133 NRG TENDL-2015, AKONING  
deuterons from (n,d)



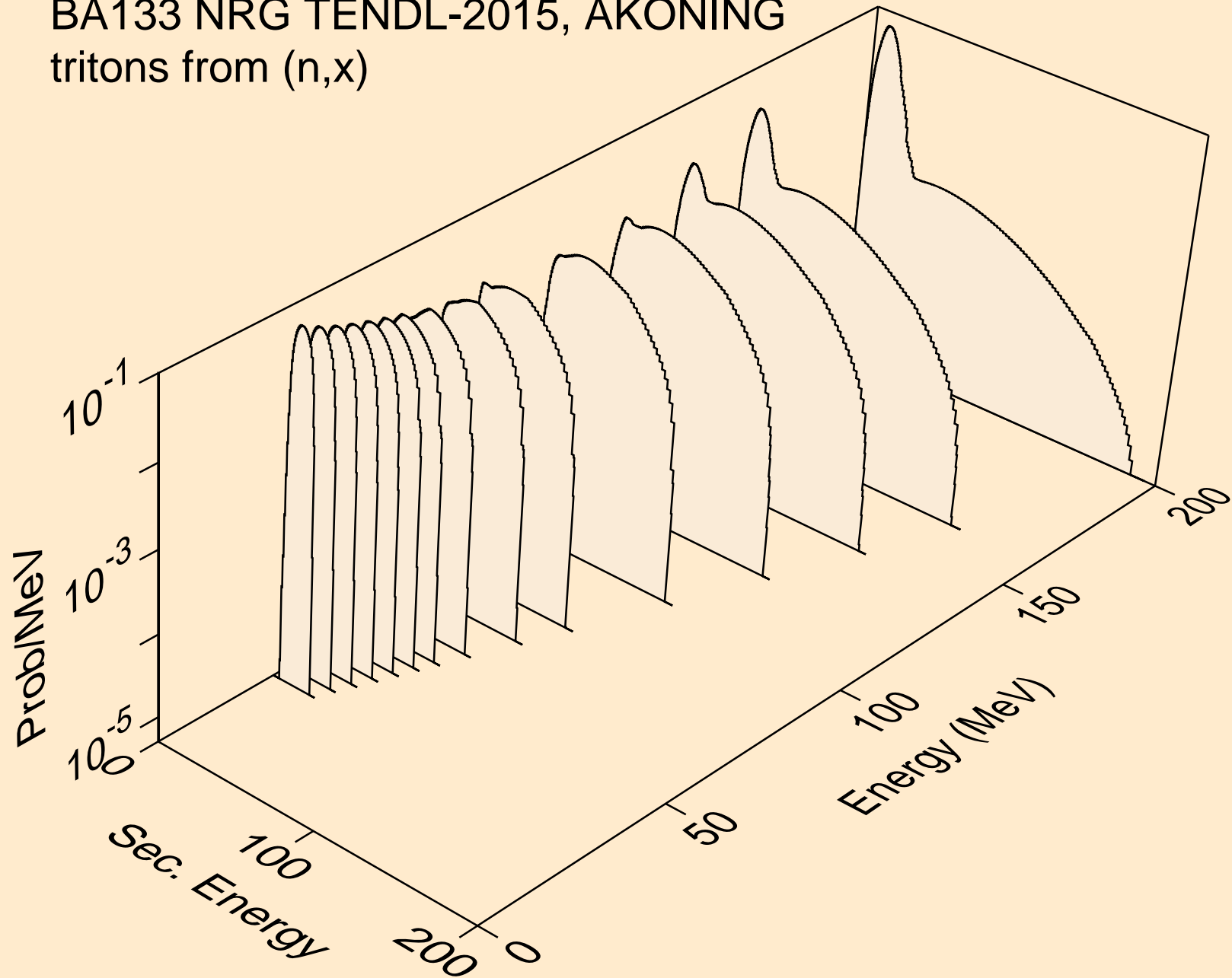
BA133 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



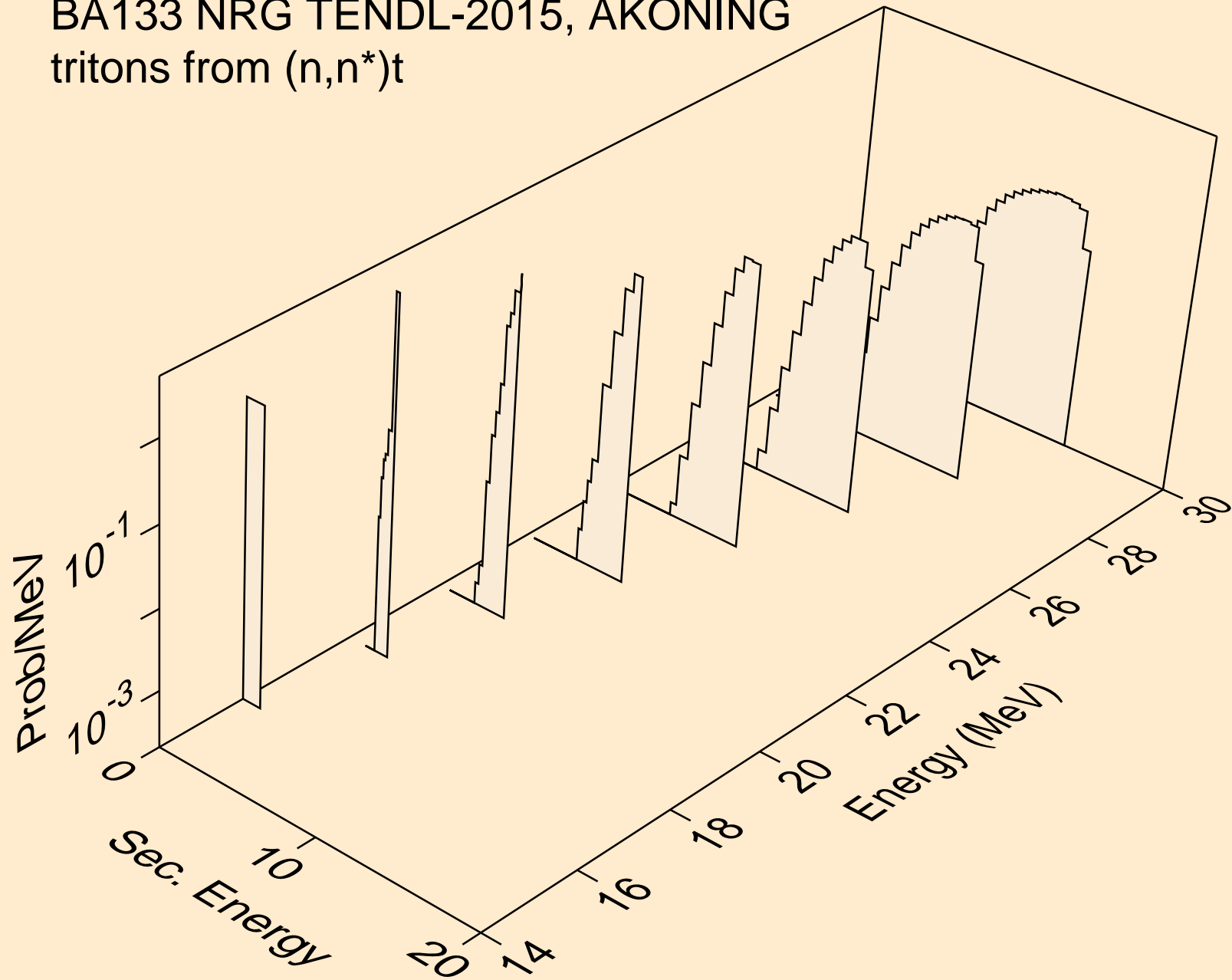
BA133 NRG TENDL-2015, AKONING  
deuterons from (n,da)



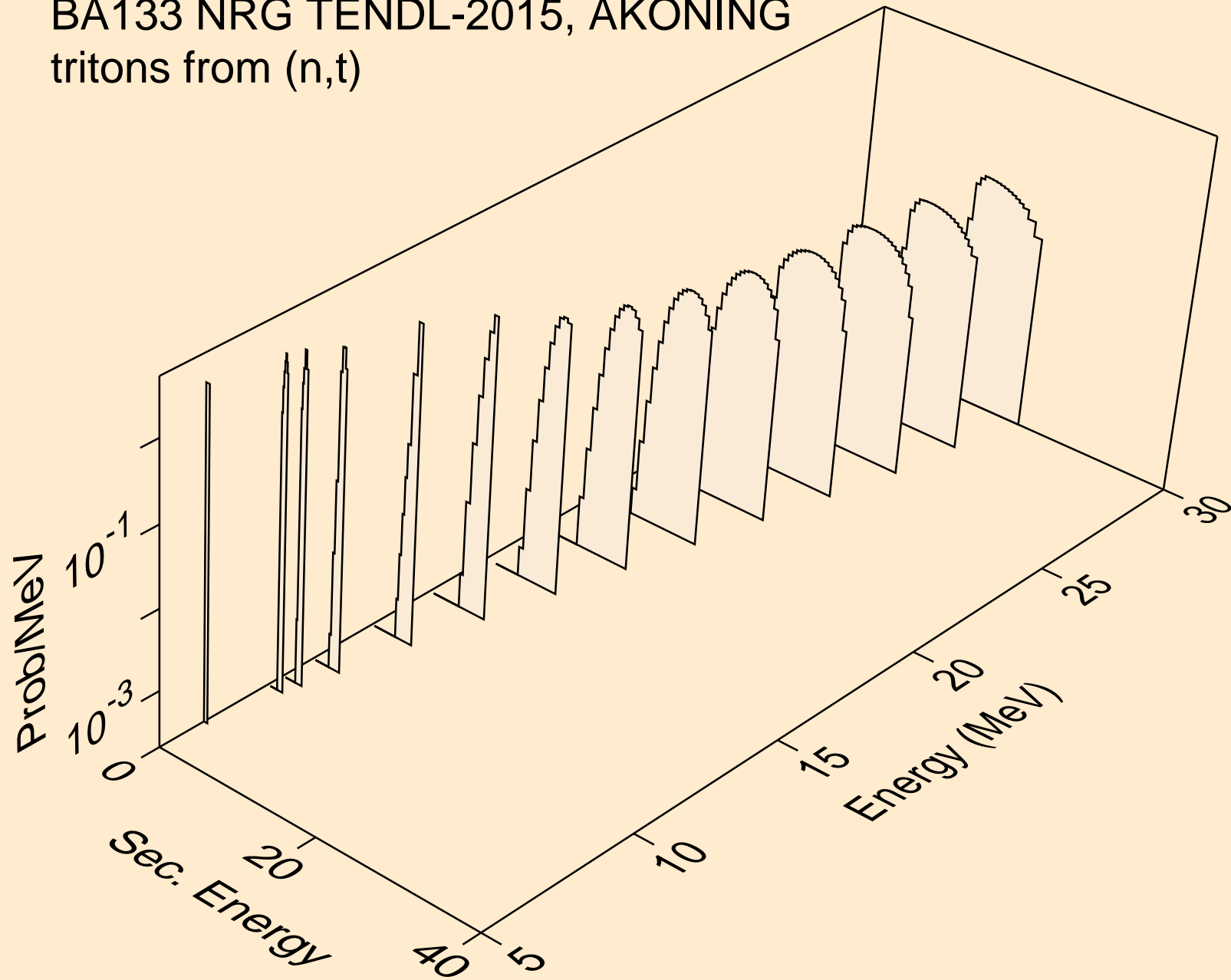
BA133 NRG TENDL-2015, AKONING  
tritons from (n,x)



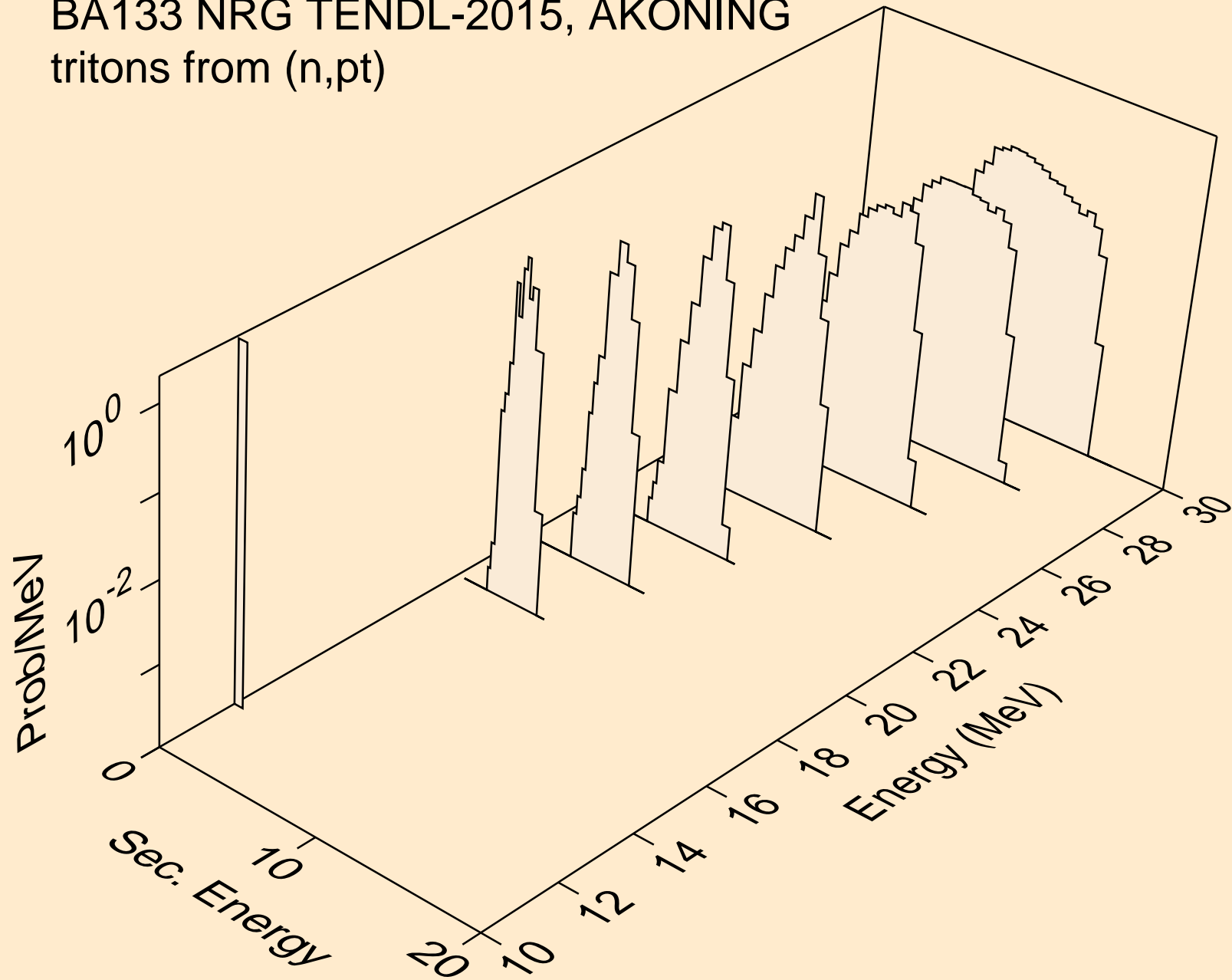
BA133 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



BA133 NRG TENDL-2015, AKONING  
tritons from (n,t)

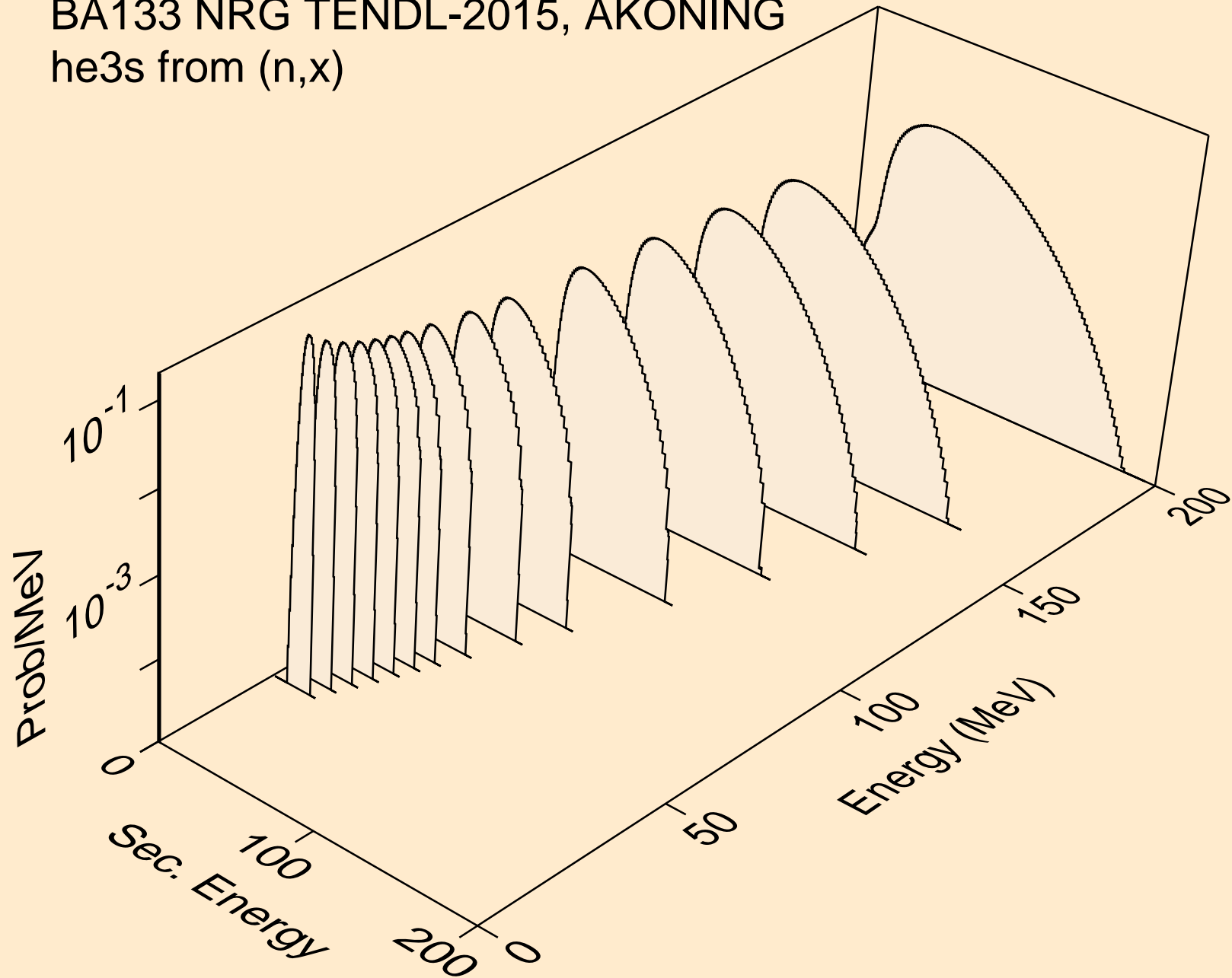


BA133 NRG TENDL-2015, AKONING  
tritons from (n,pt)

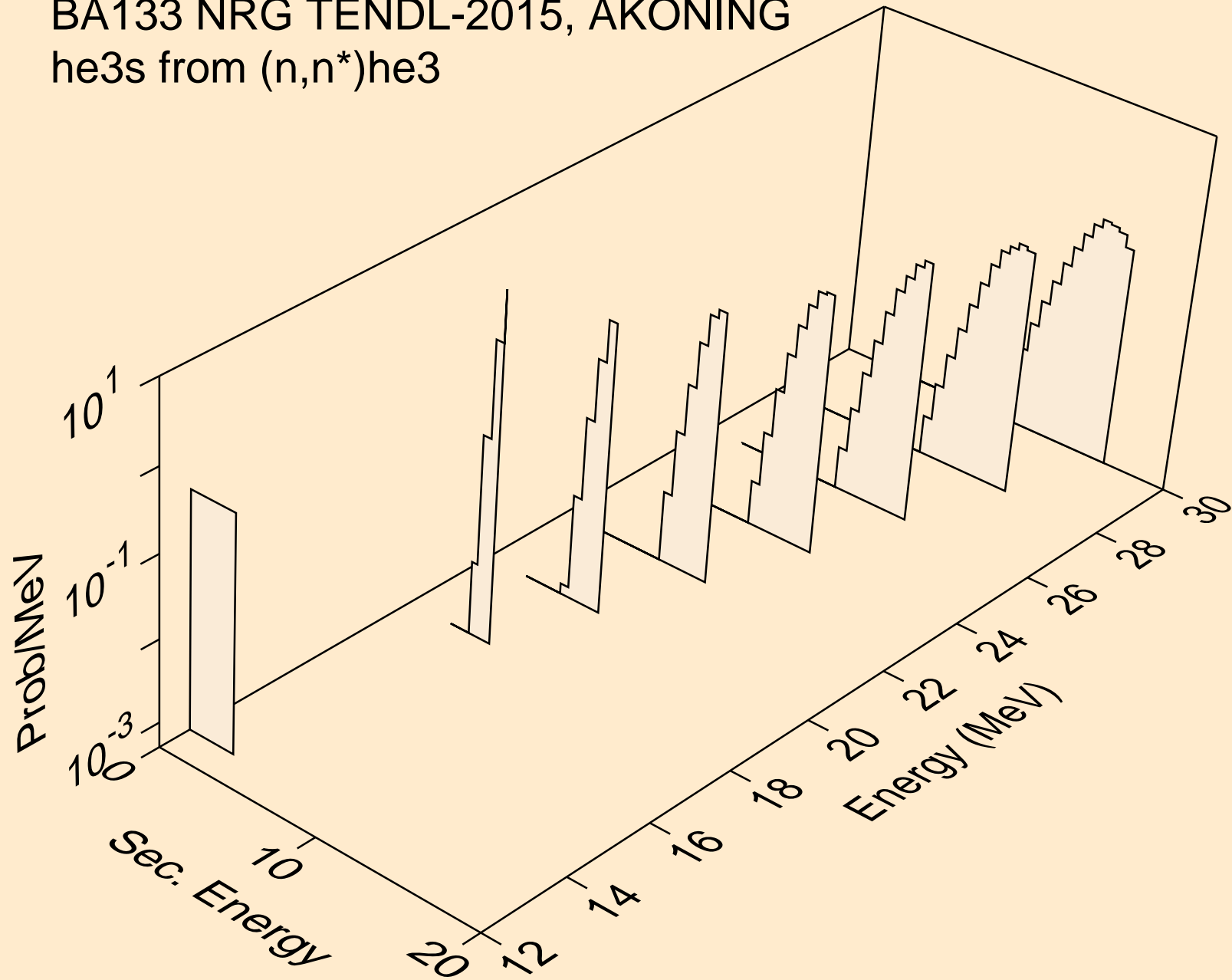




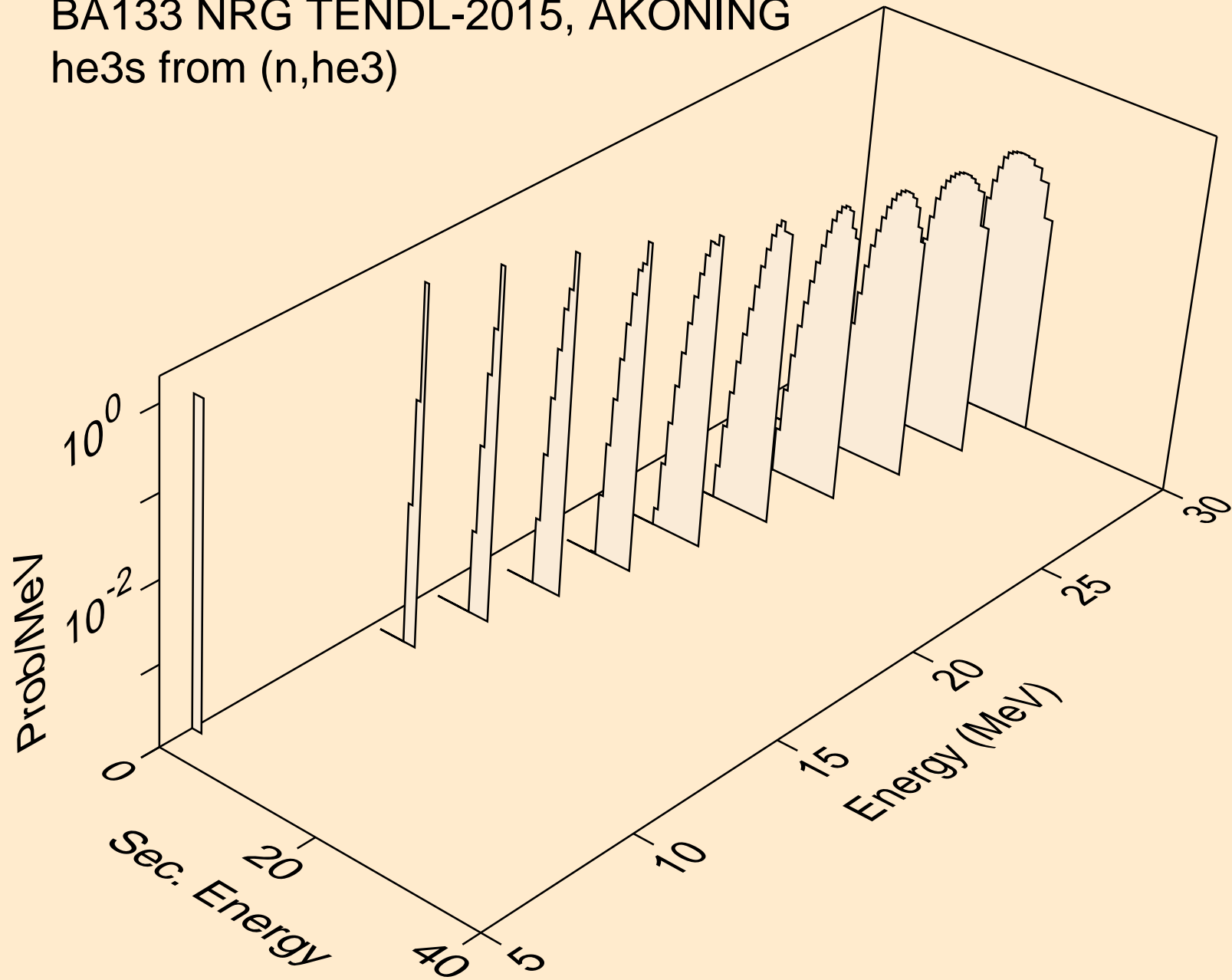
BA133 NRG TENDL-2015, AKONING  
he3s from (n,x)



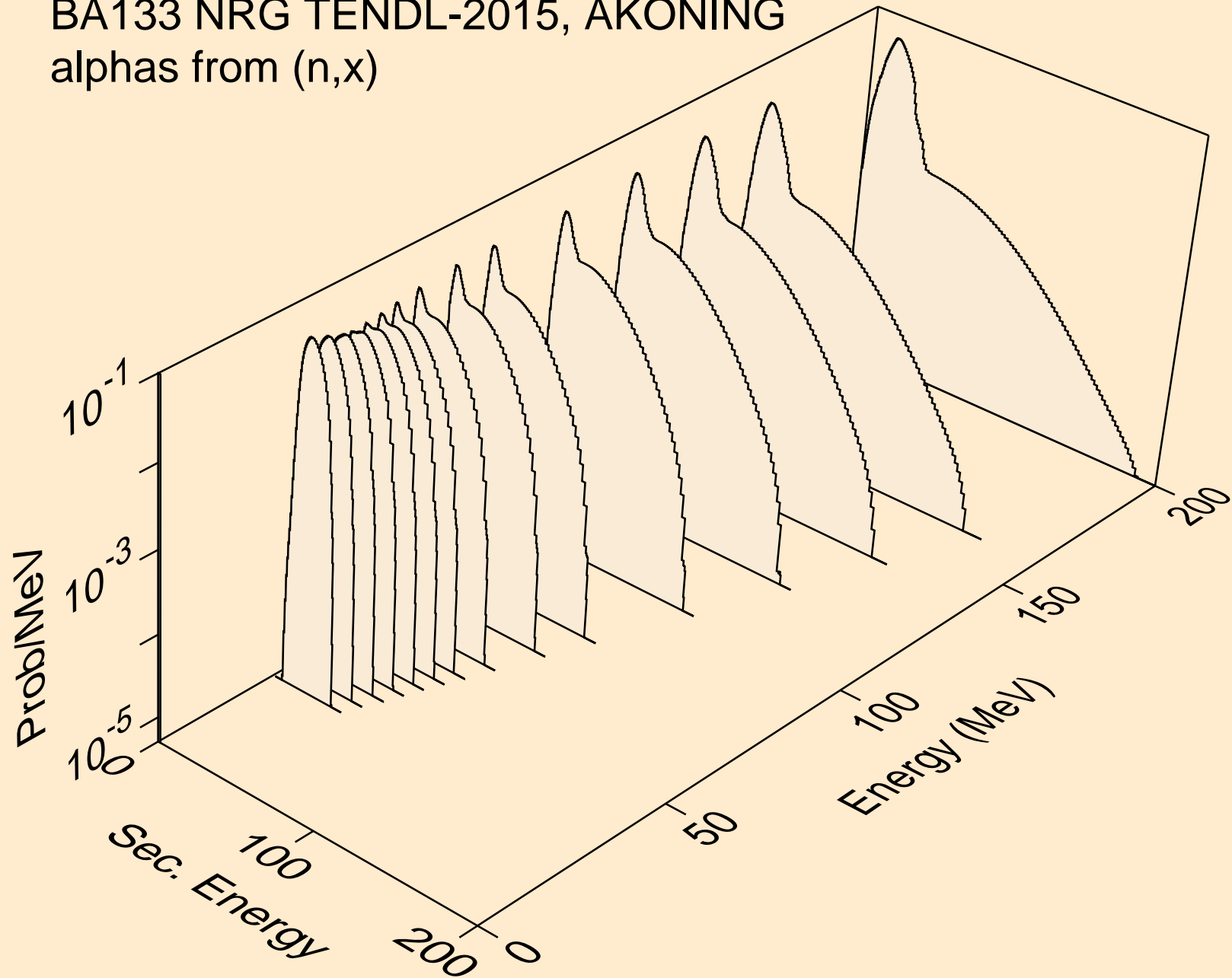
BA133 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



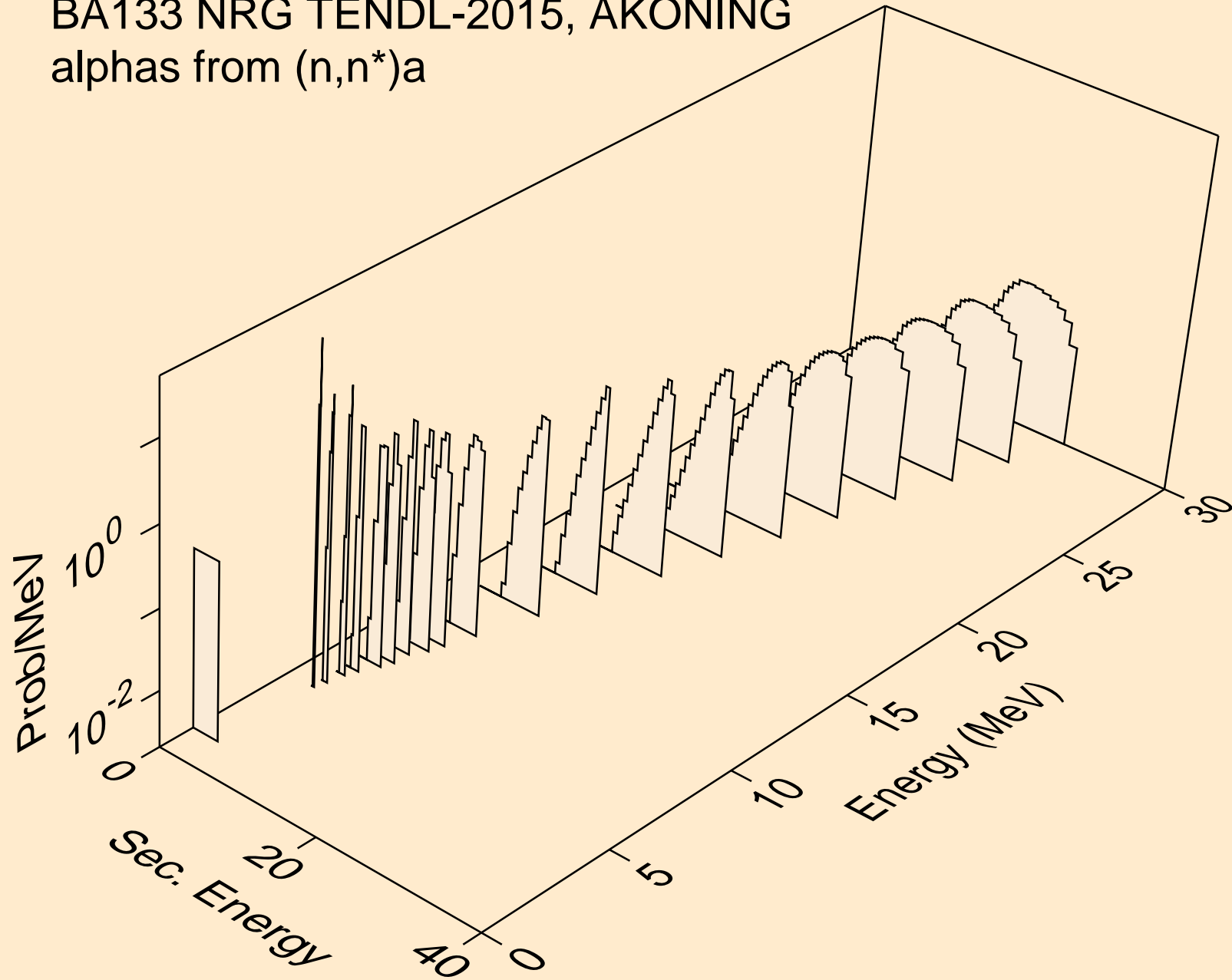
BA133 NRG TENDL-2015, AKONING  
he3s from (n,he3)



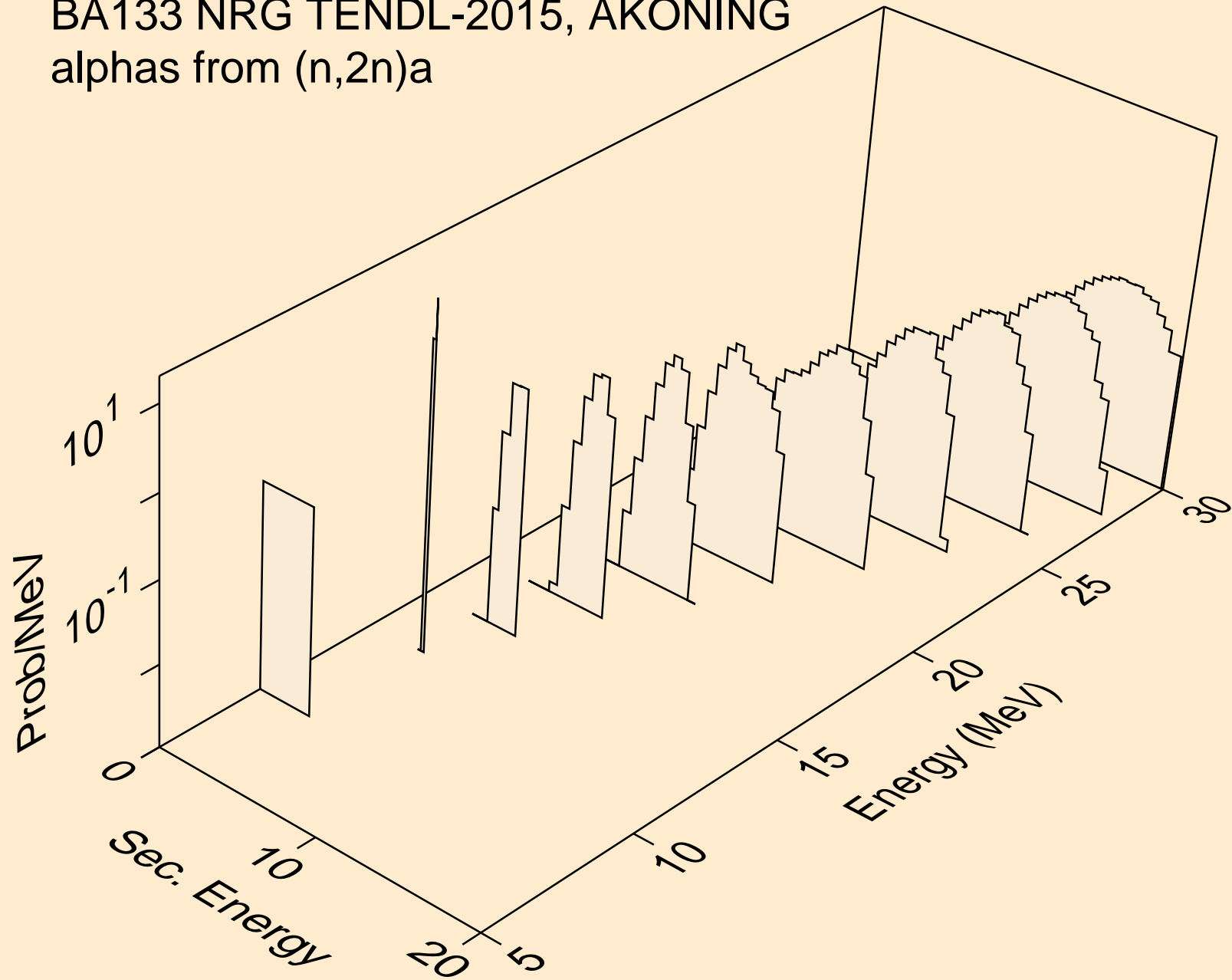
BA133 NRG TENDL-2015, AKONING  
alphas from (n,x)



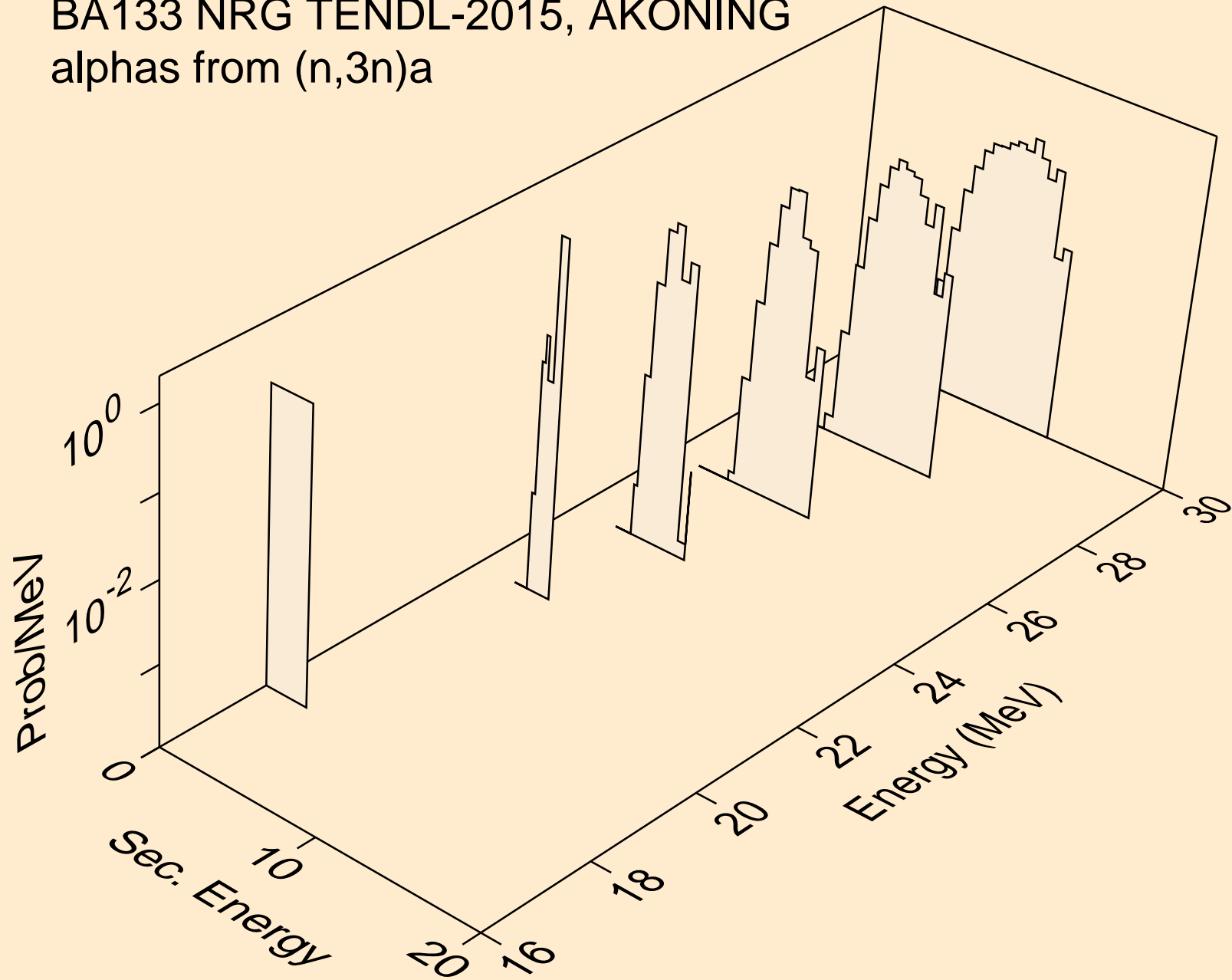
BA133 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



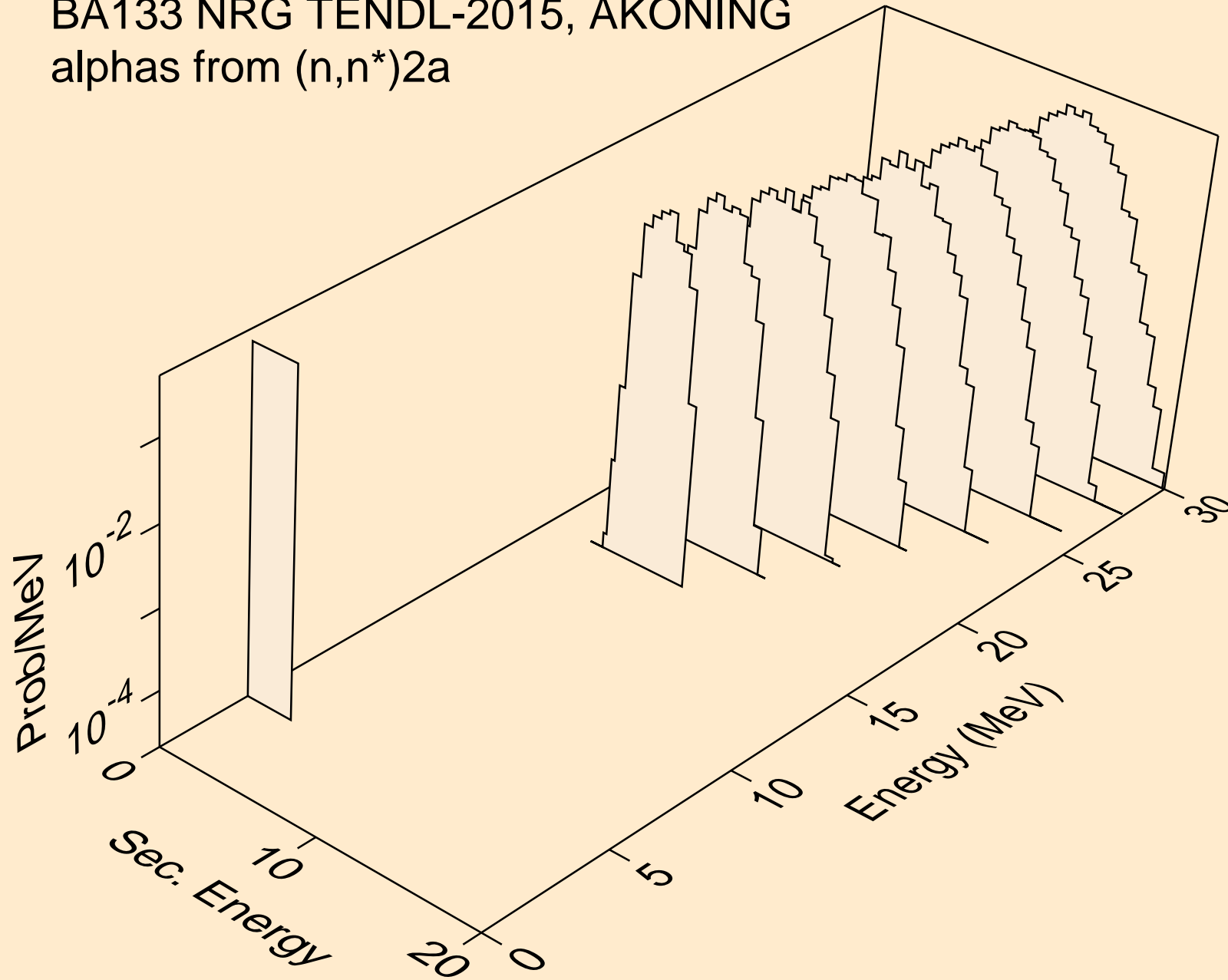
BA133 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



BA133 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

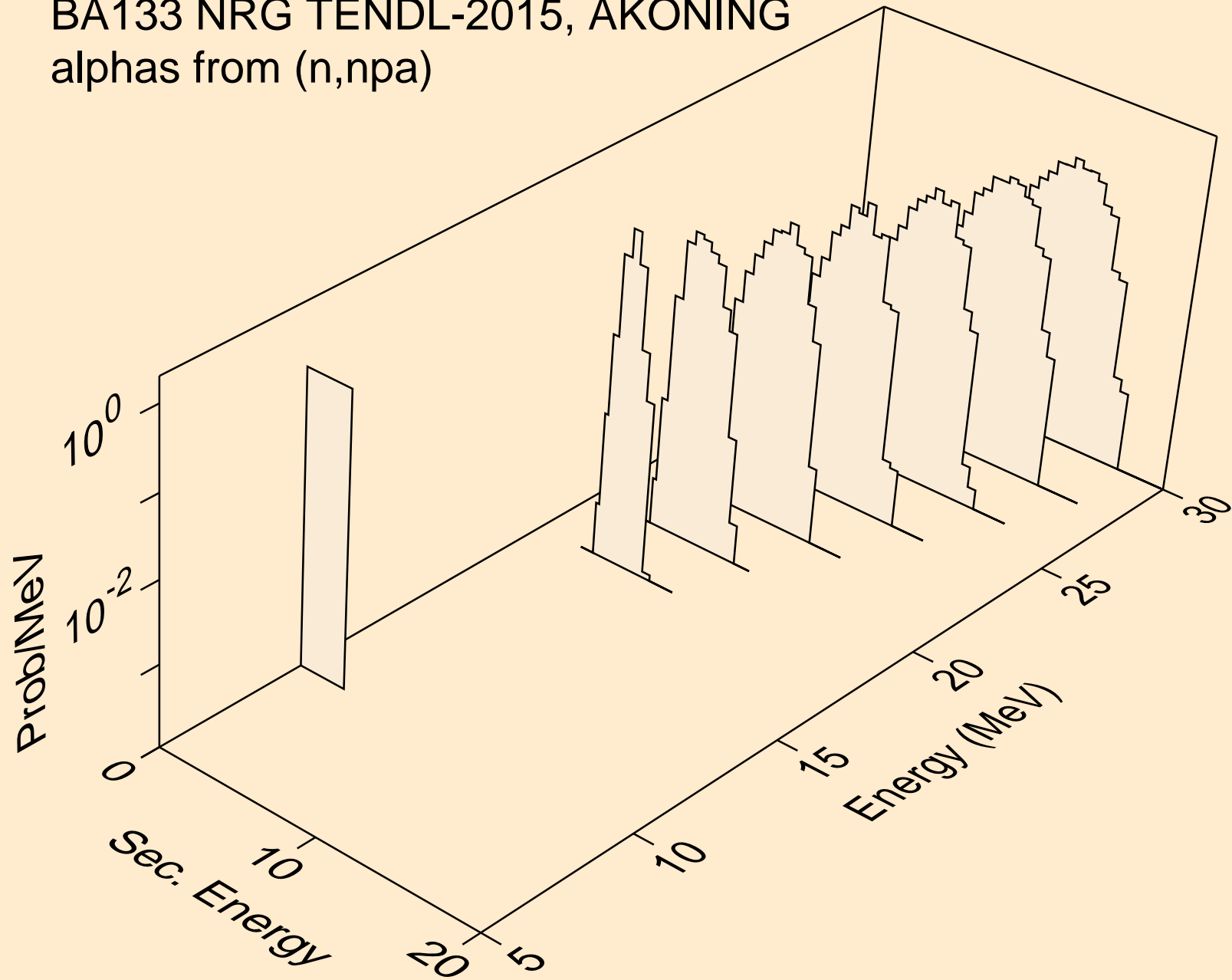


BA133 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

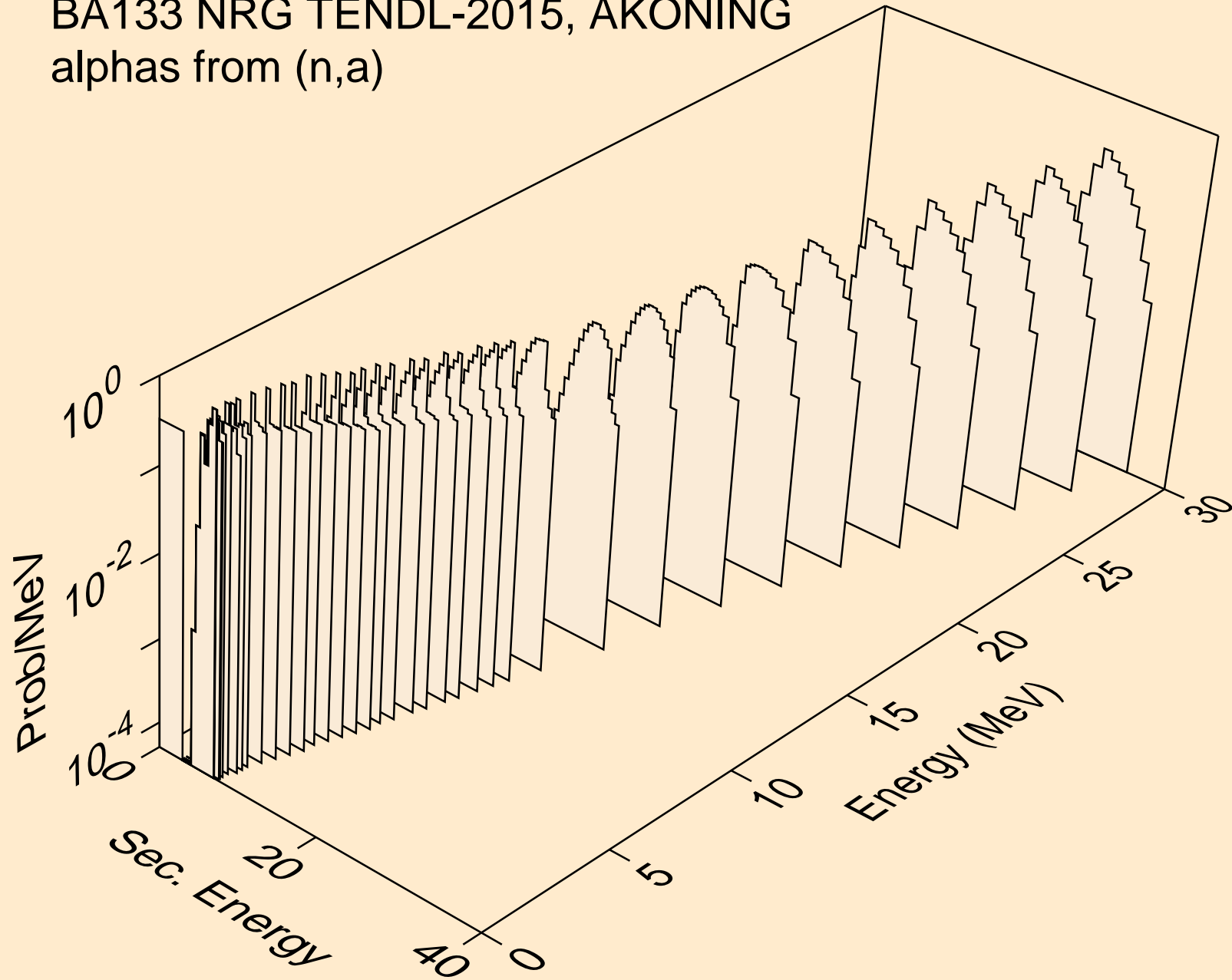




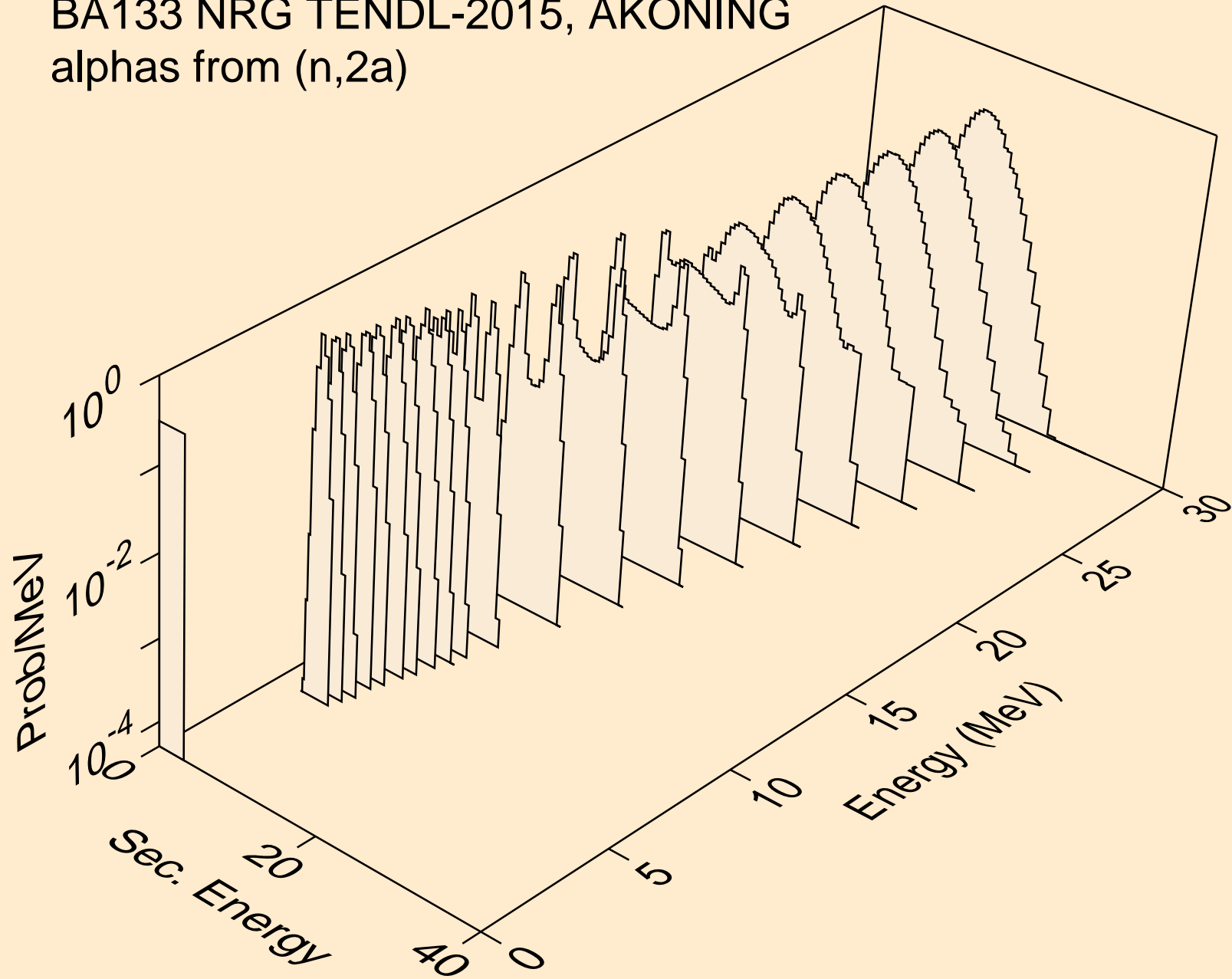
BA133 NRG TENDL-2015, AKONING  
alphas from (n,npa)



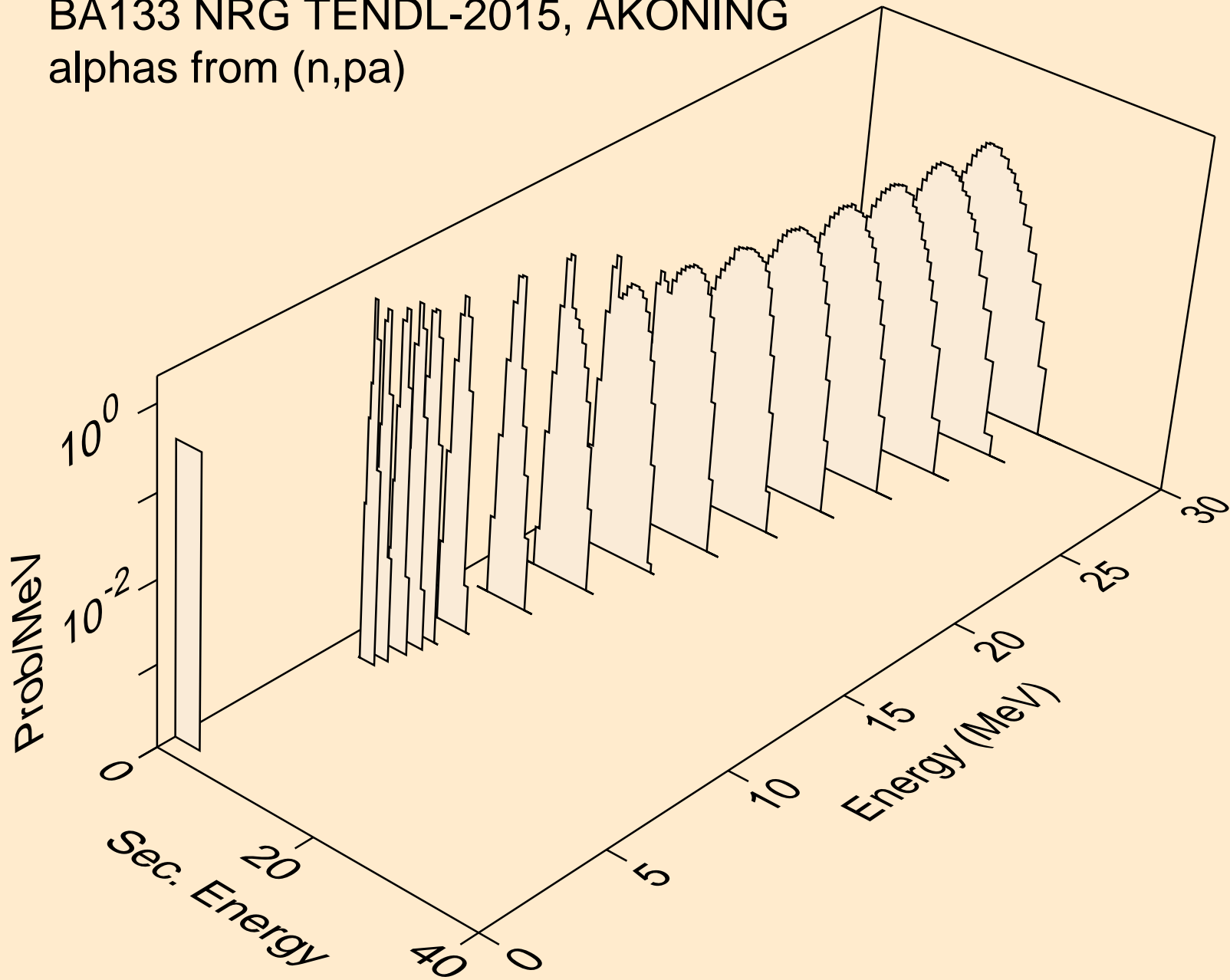
BA133 NRG TENDL-2015, AKONING  
alphas from (n,a)



BA133 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BA133 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BA133 NRG TENDL-2015, AKONING  
alphas from (n,da)

