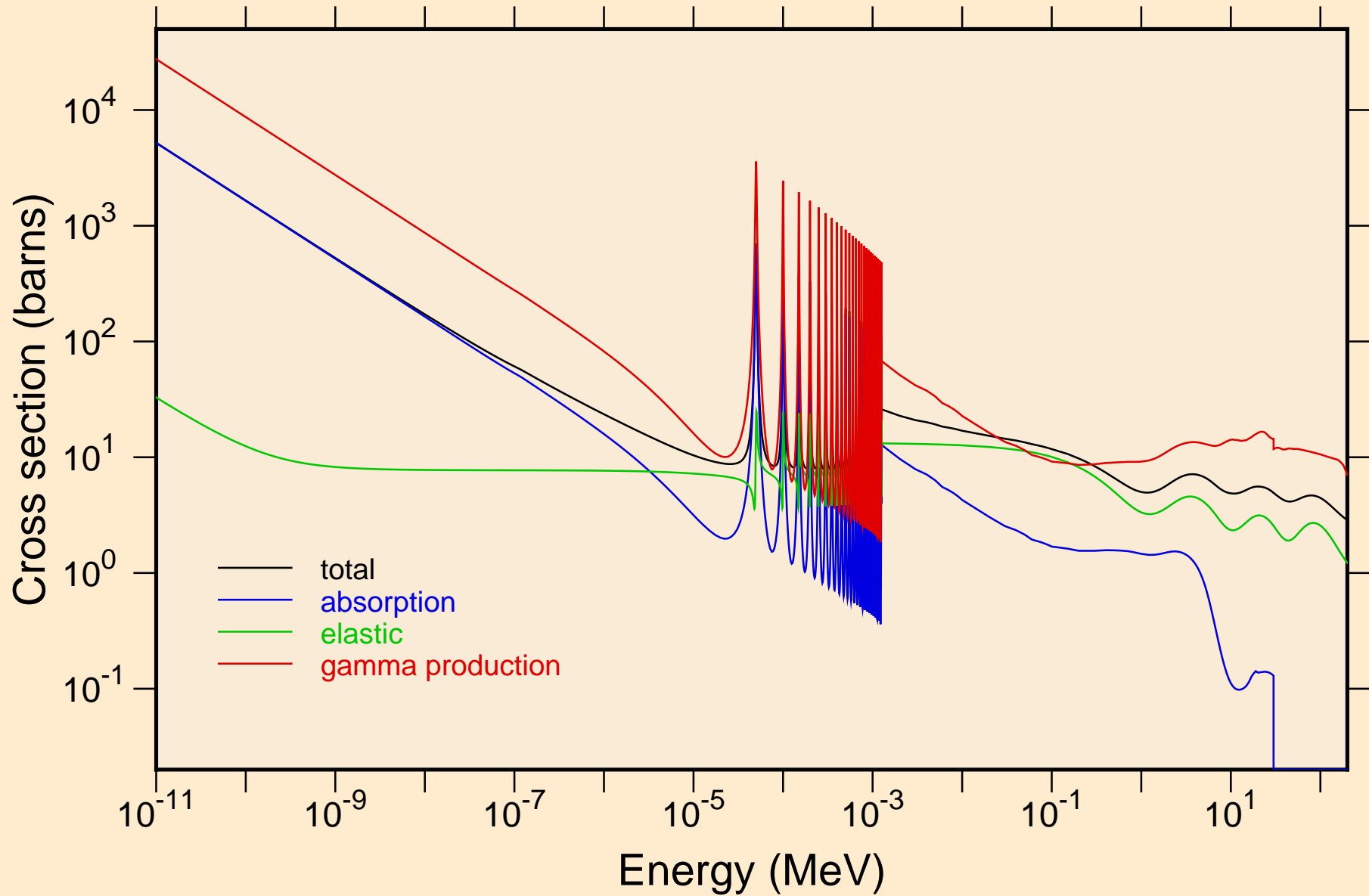
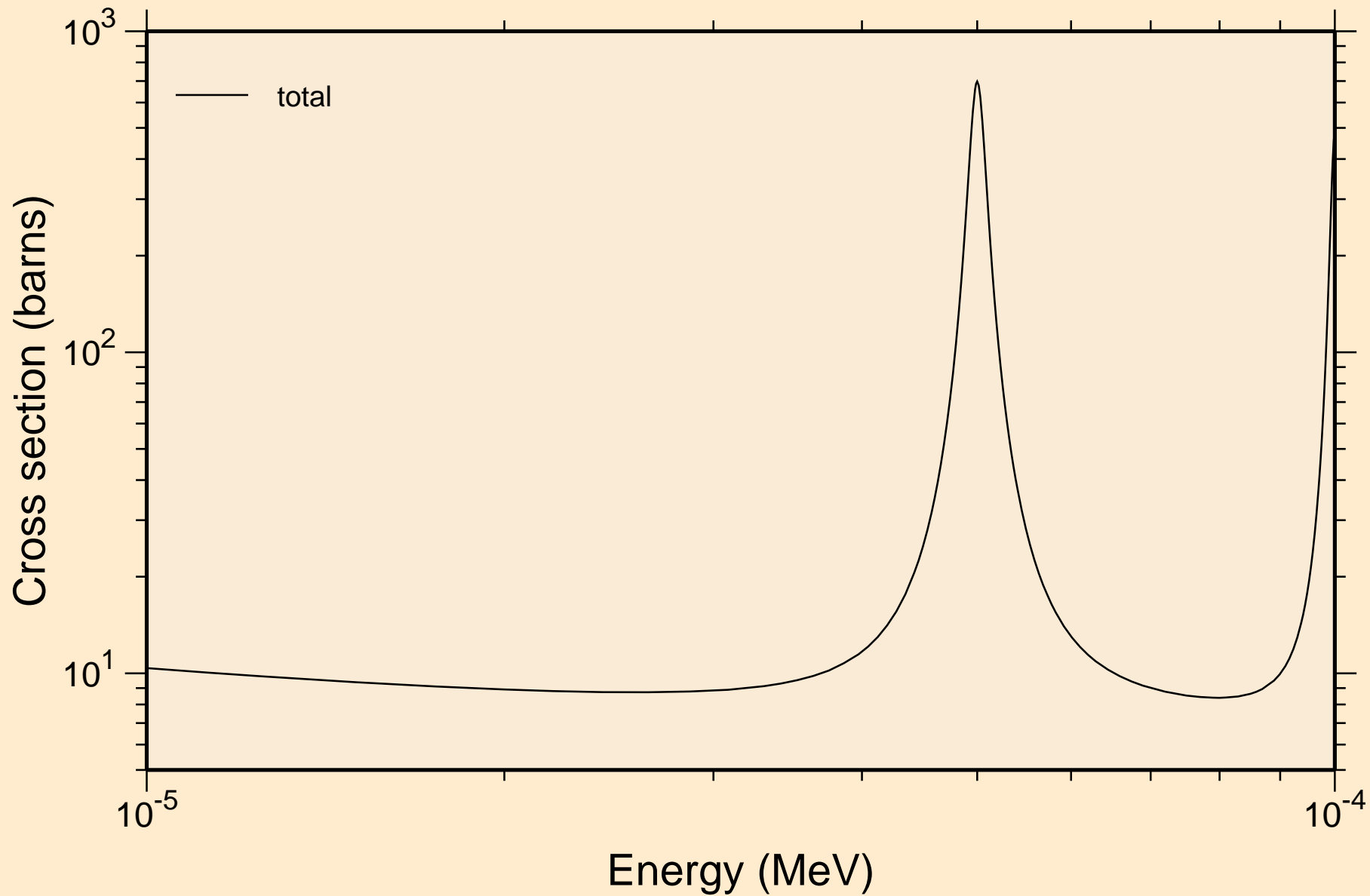


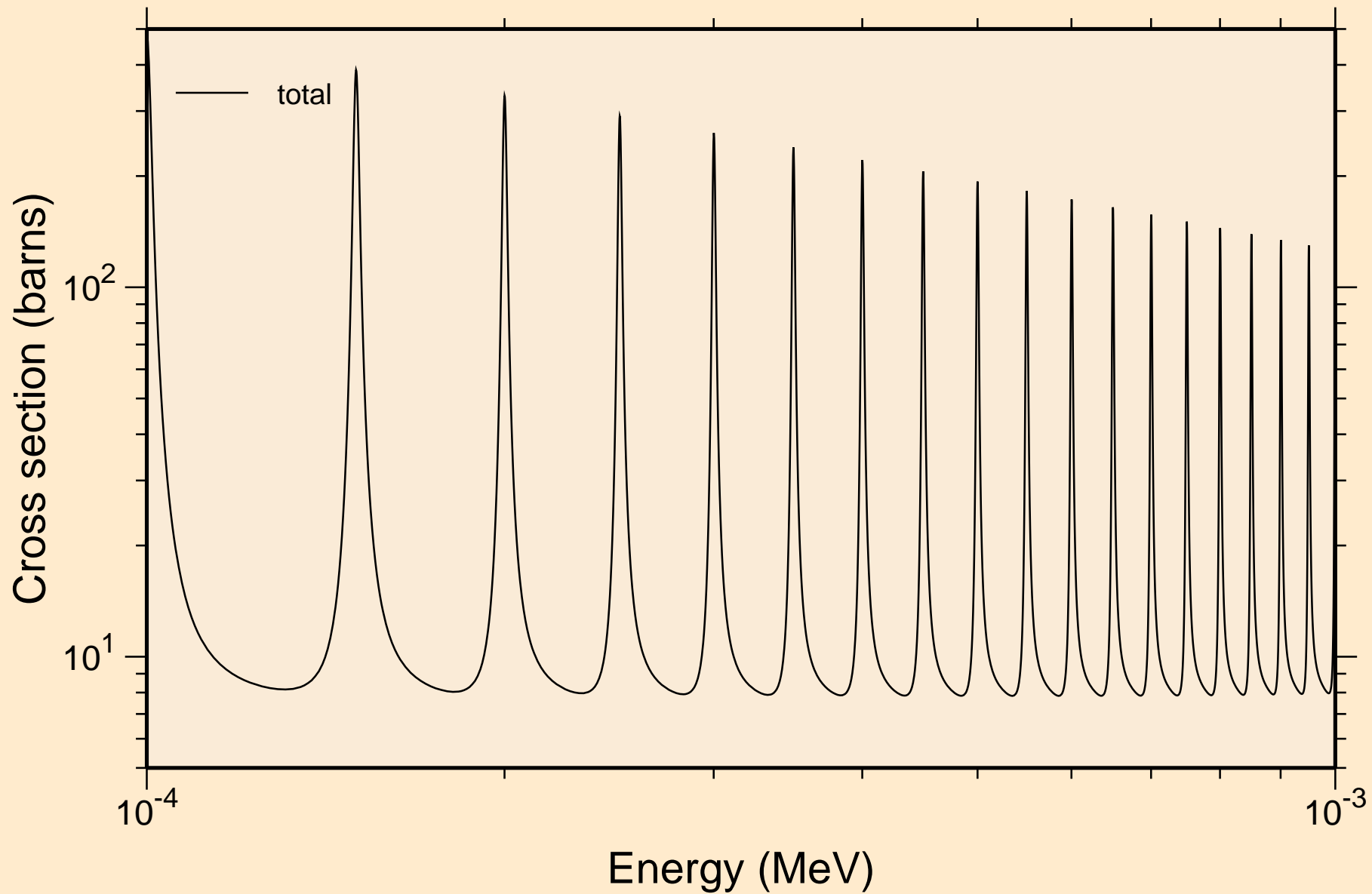
PB193 NRG TENDL-2015, AKONING  
Principal cross sections



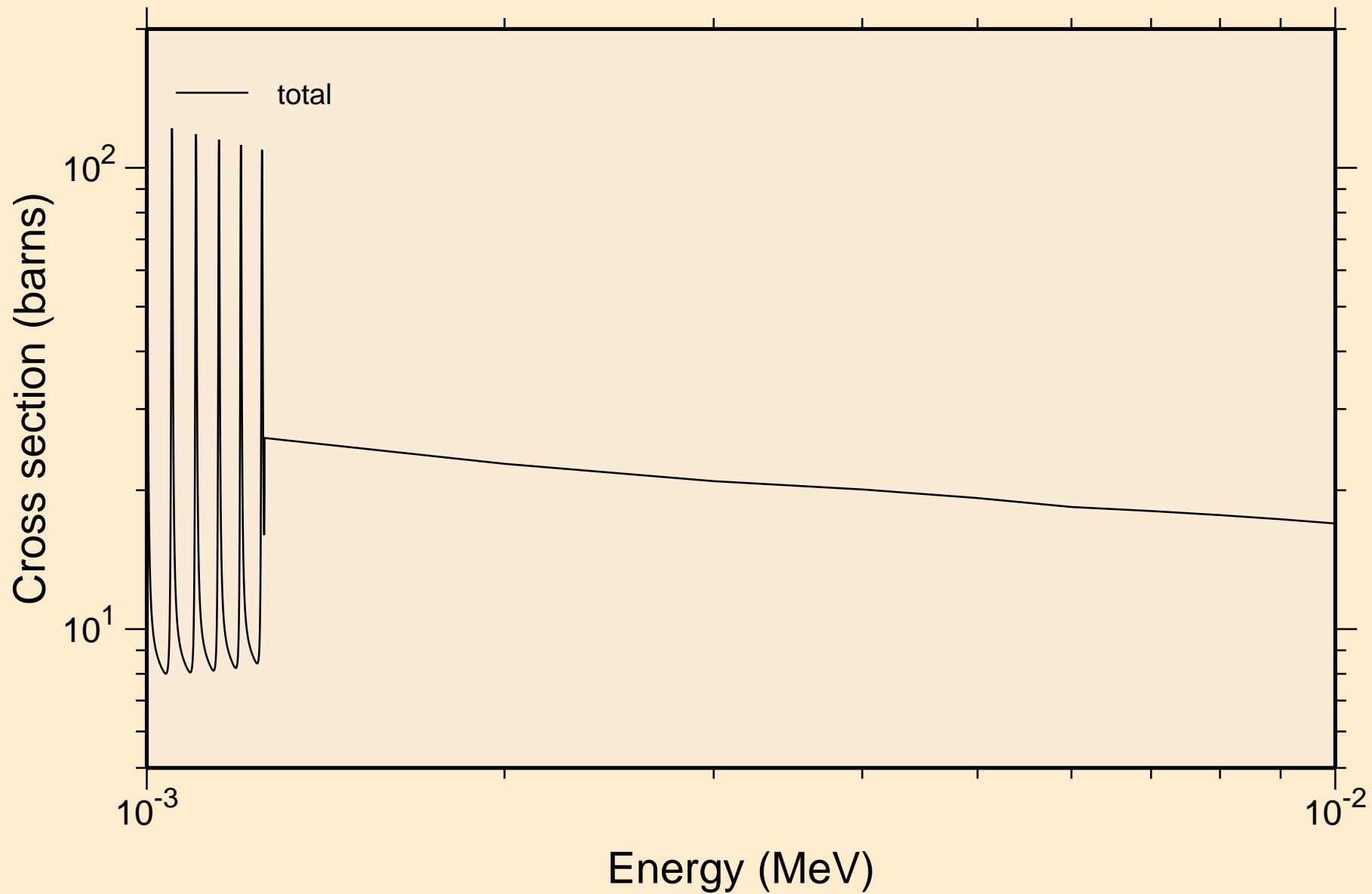
PB193 NRG TENDL-2015, AKONING  
resonance total cross section



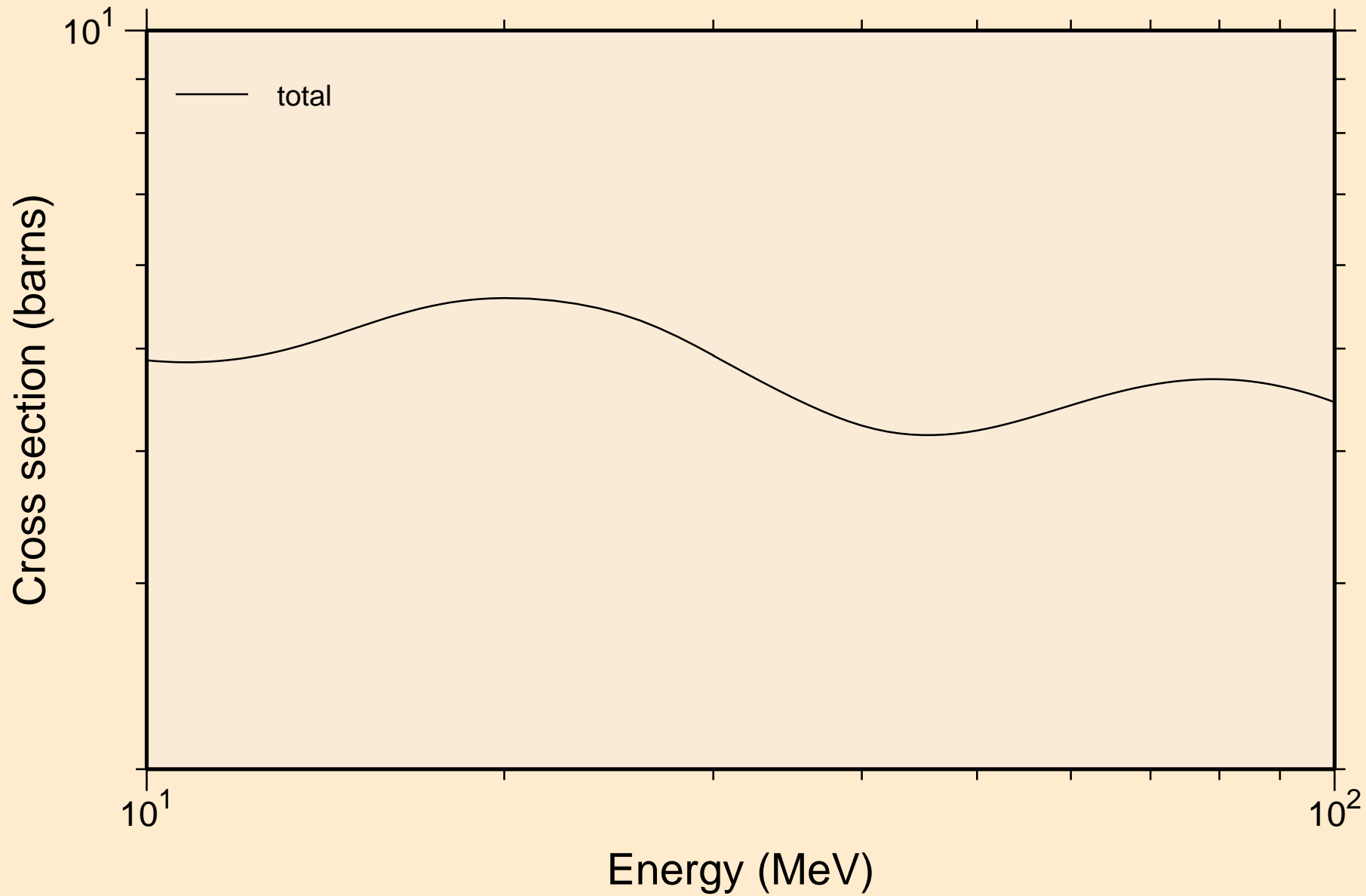
PB193 NRG TENDL-2015, AKONING  
resonance total cross section



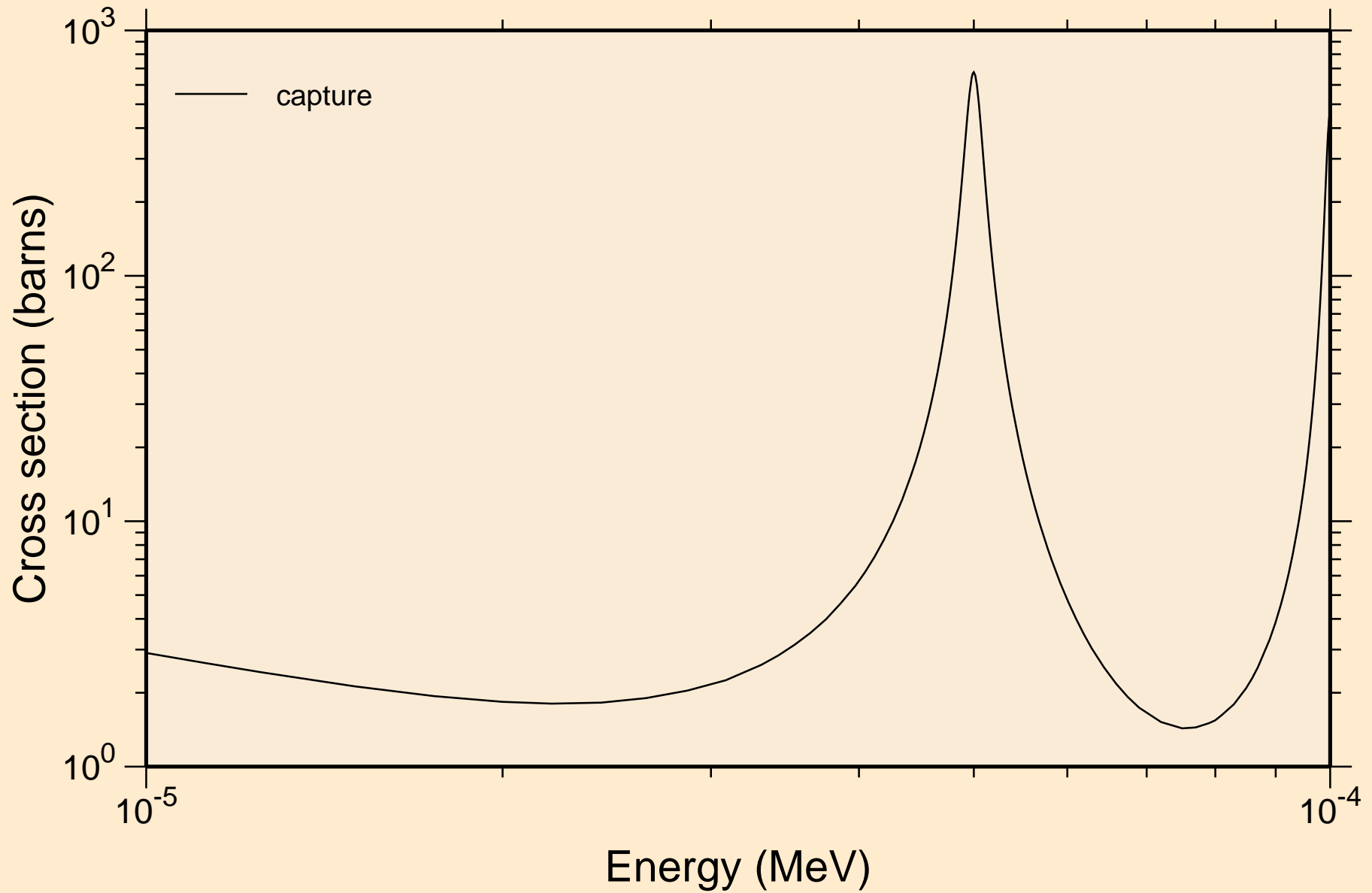
PB193 NRG TENDL-2015, AKONING  
resonance total cross section



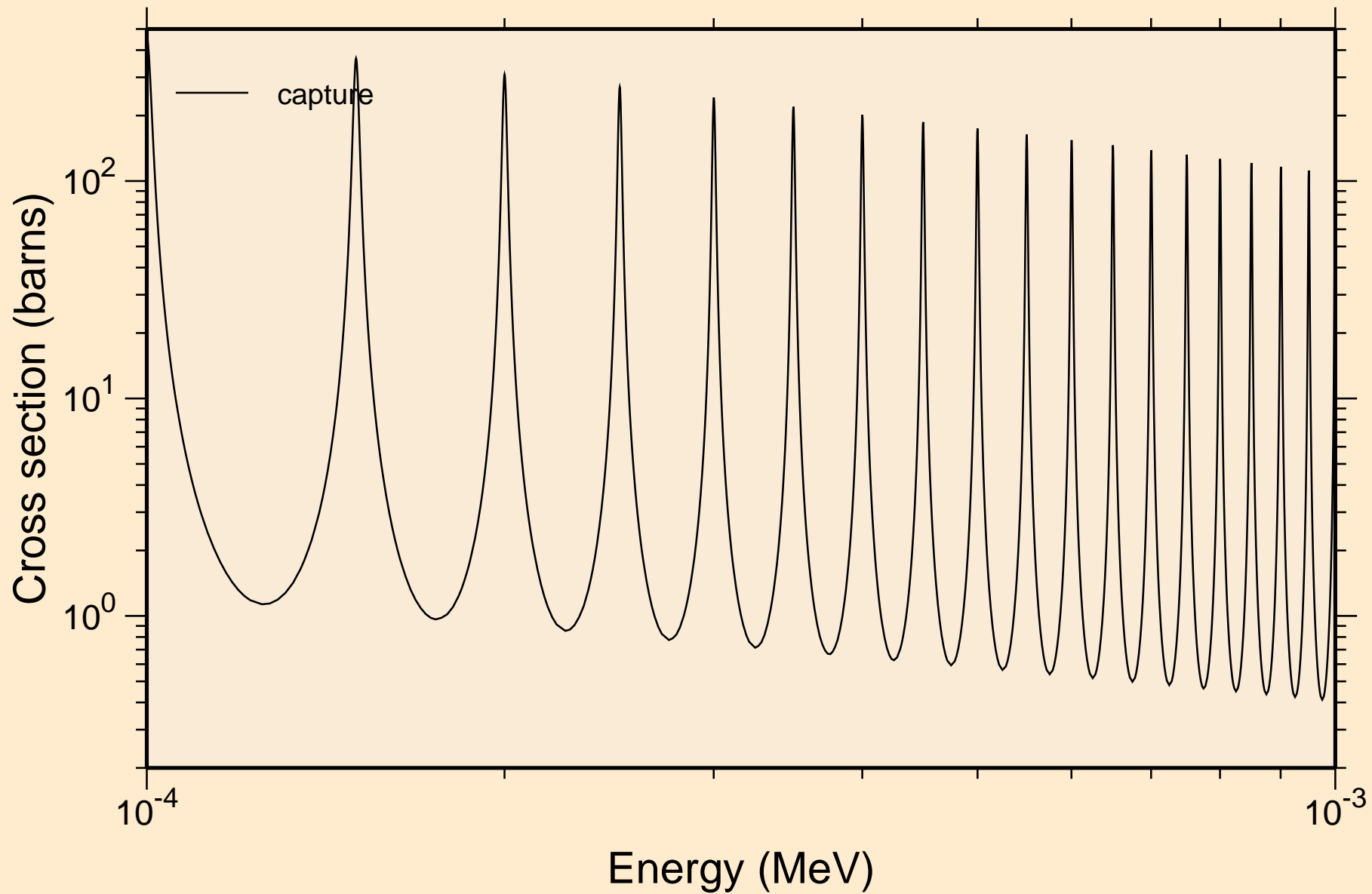
PB193 NRG TENDL-2015, AKONING  
resonance total cross section



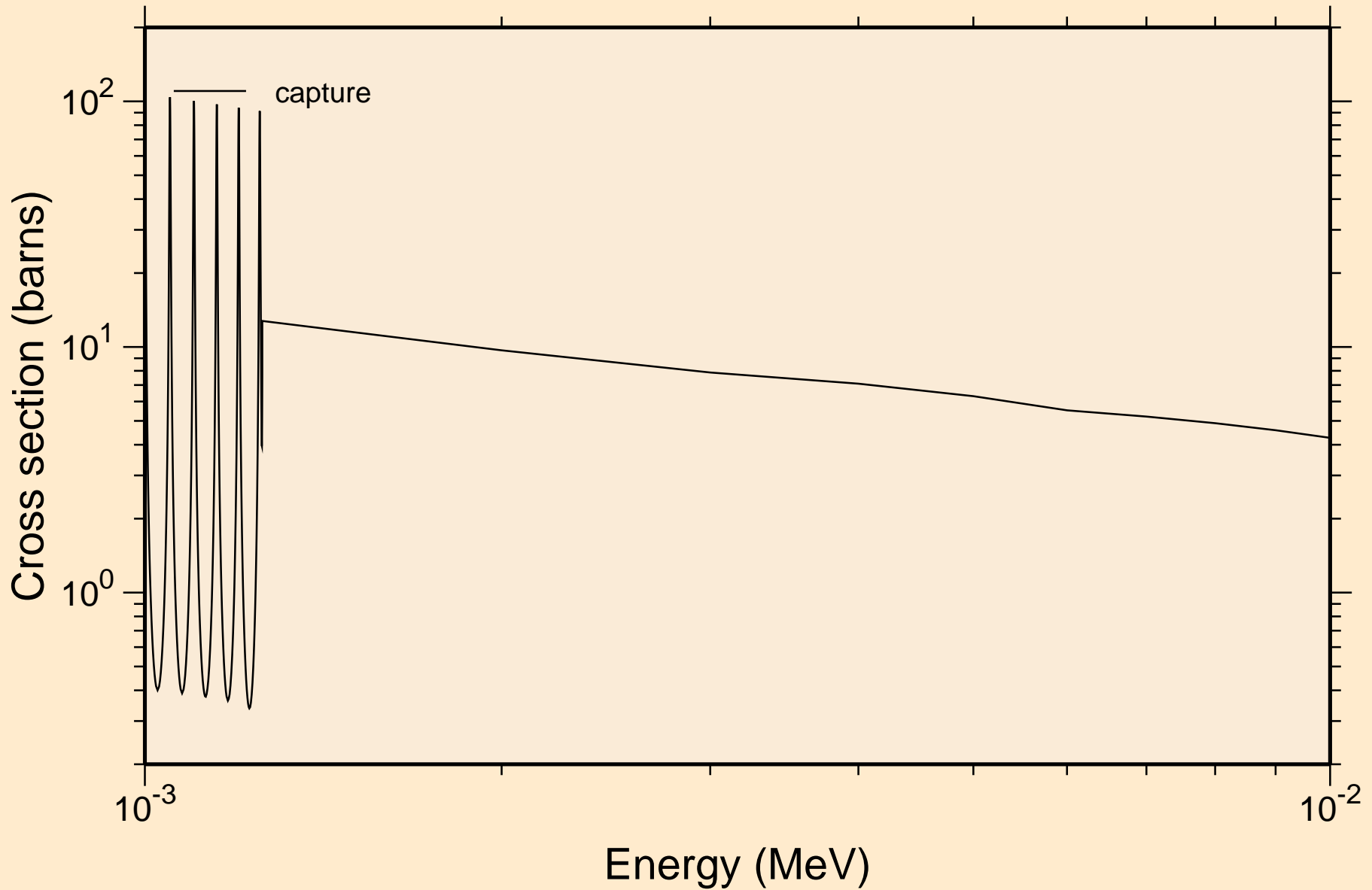
PB193 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PB193 NRG TENDL-2015, AKONING  
resonance absorption cross sections

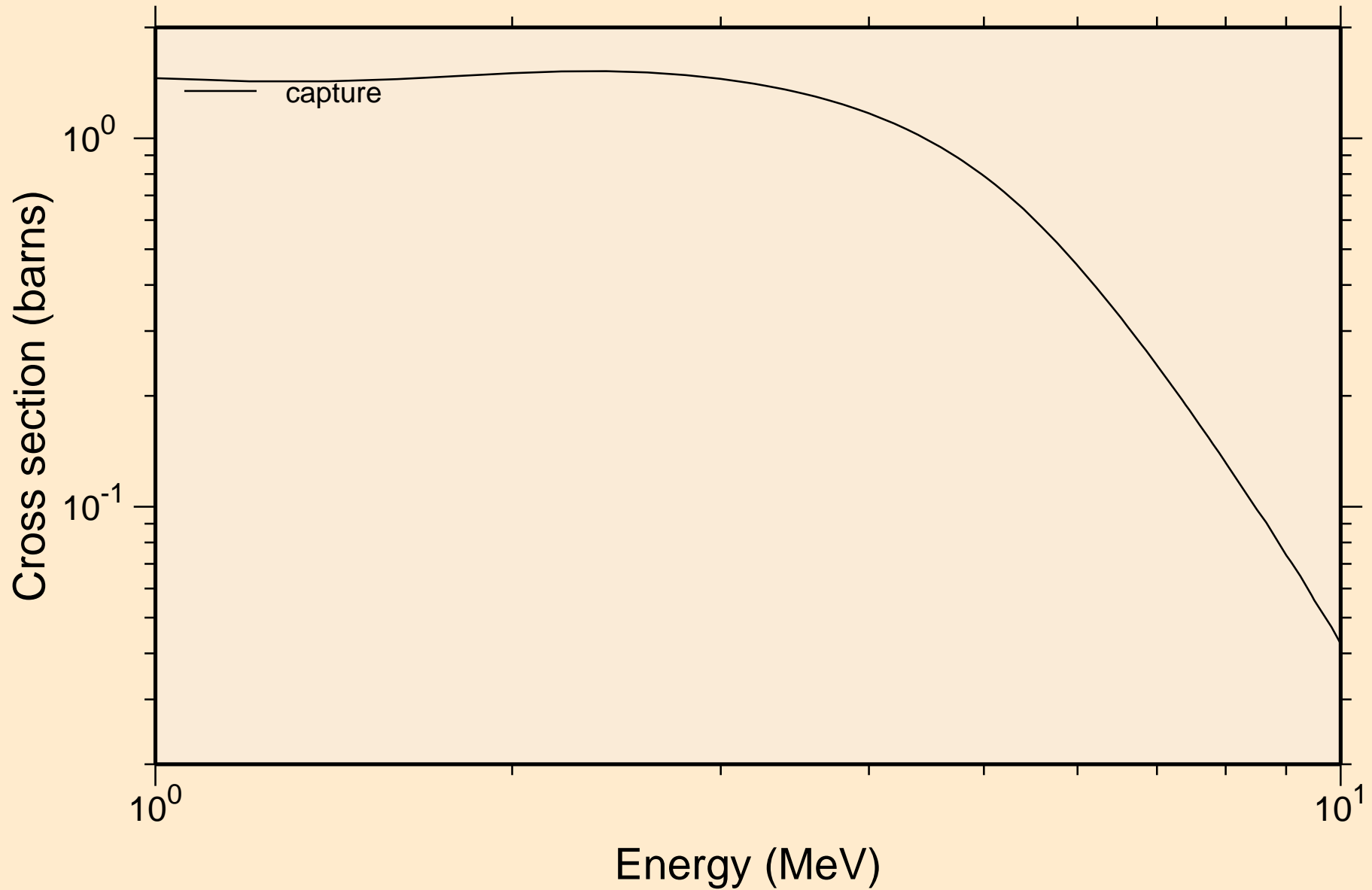


PB193 NRG TENDL-2015, AKONING  
resonance absorption cross sections



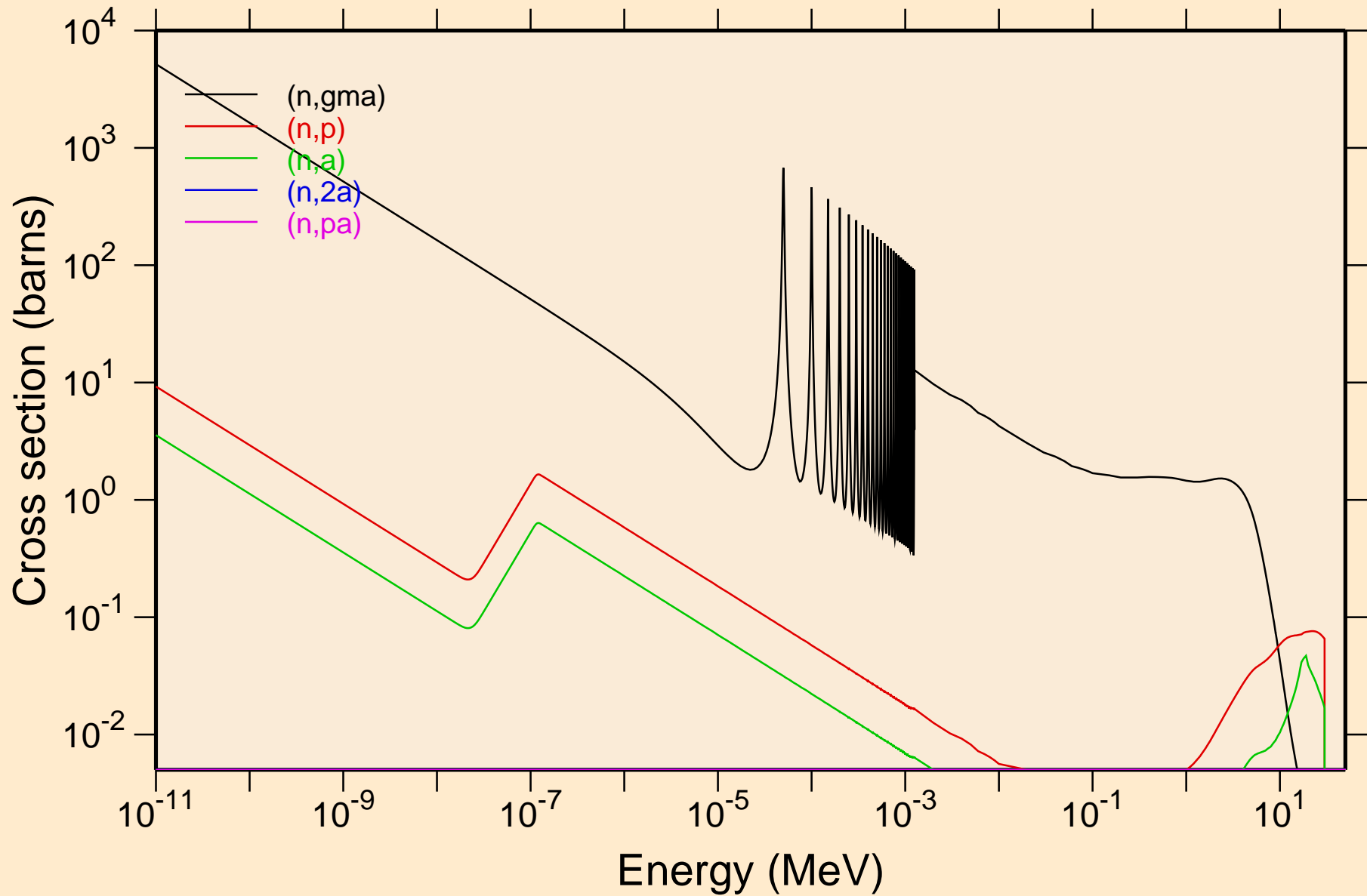


PB193 NRG TENDL-2015, AKONING  
resonance absorption cross sections



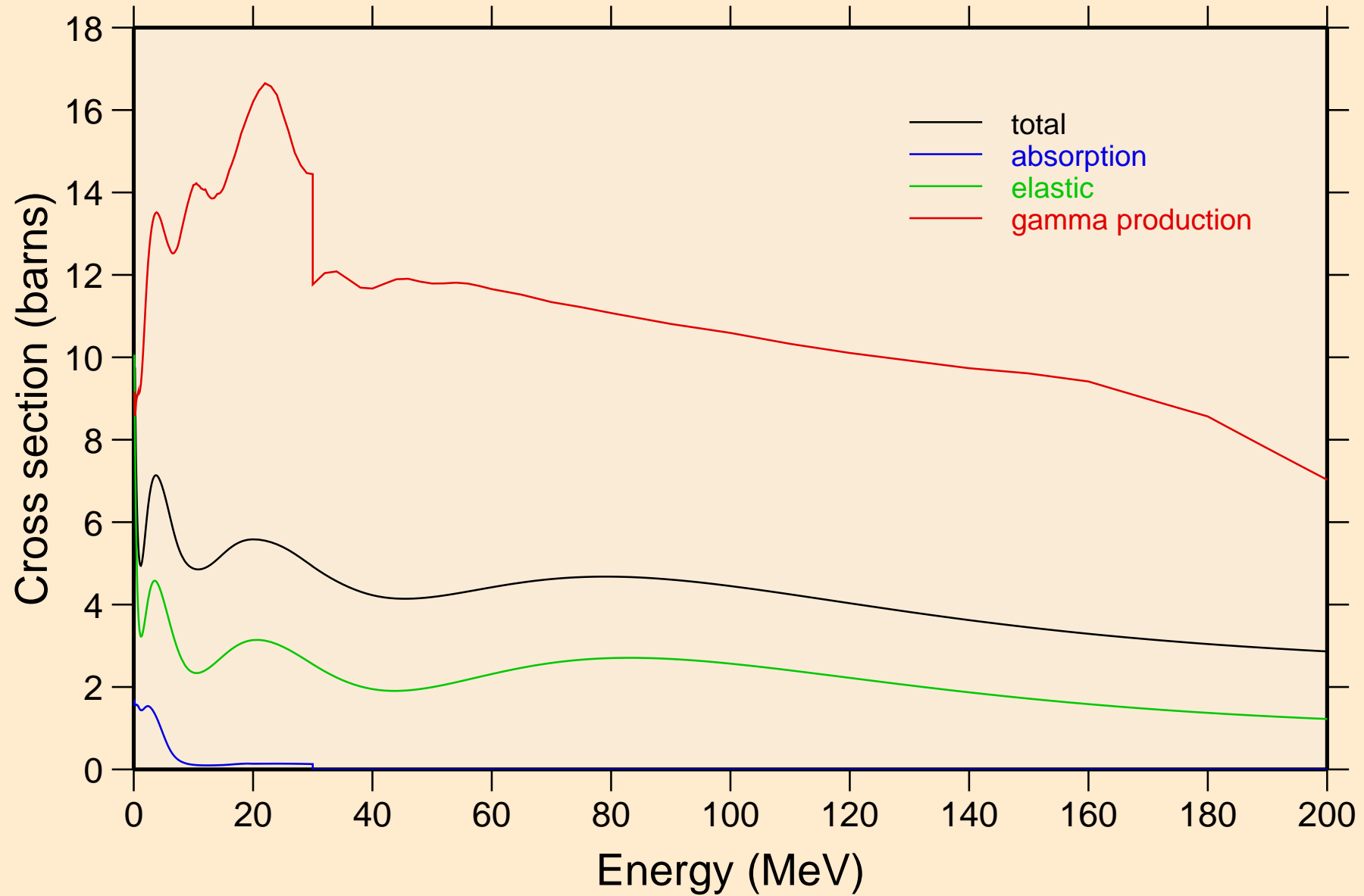
# PB193 NRG TENDL-2015, AKONING

## Non-threshold reactions



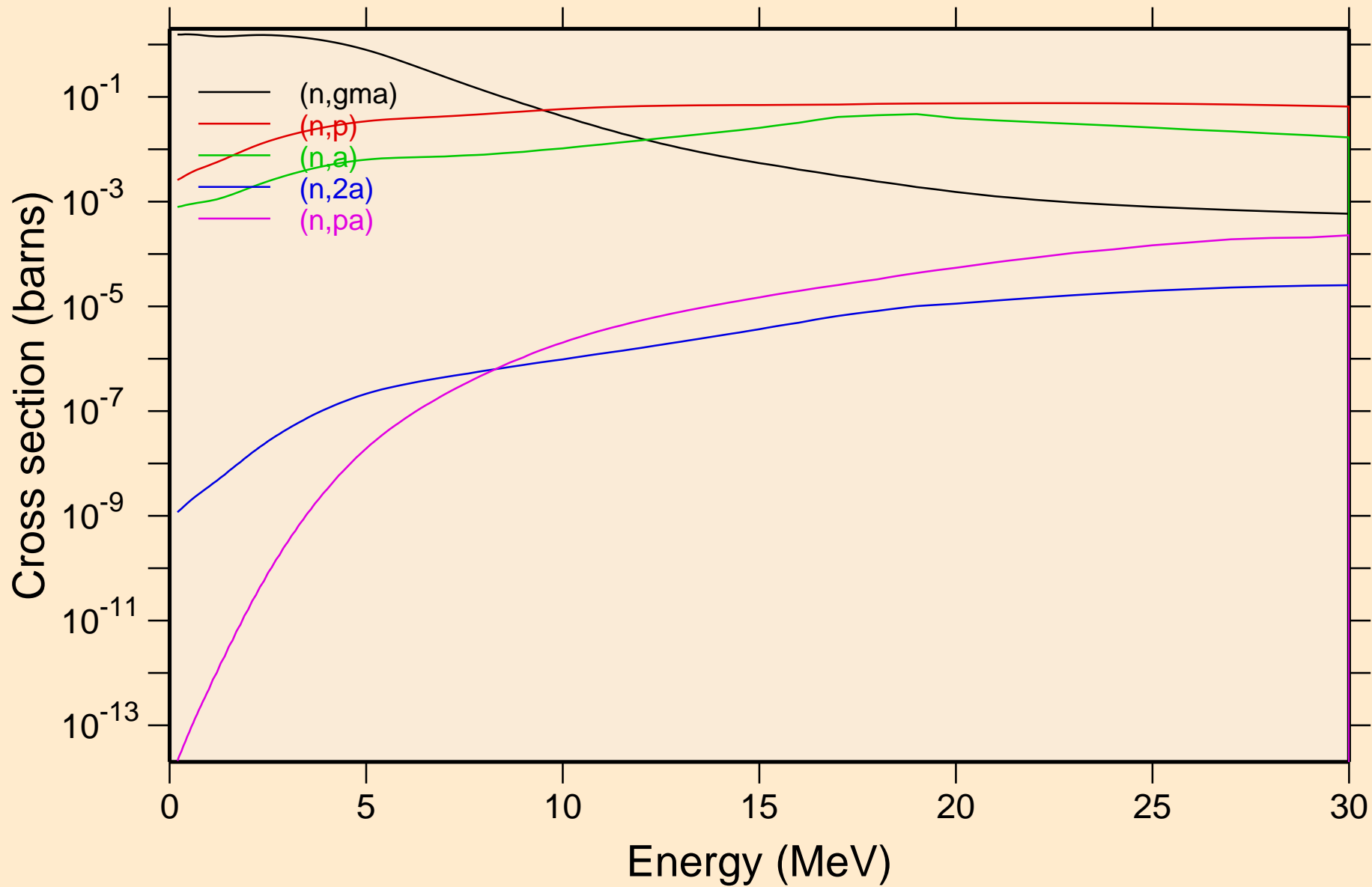
# PB193 NRG TENDL-2015, AKONING

## Principal cross sections



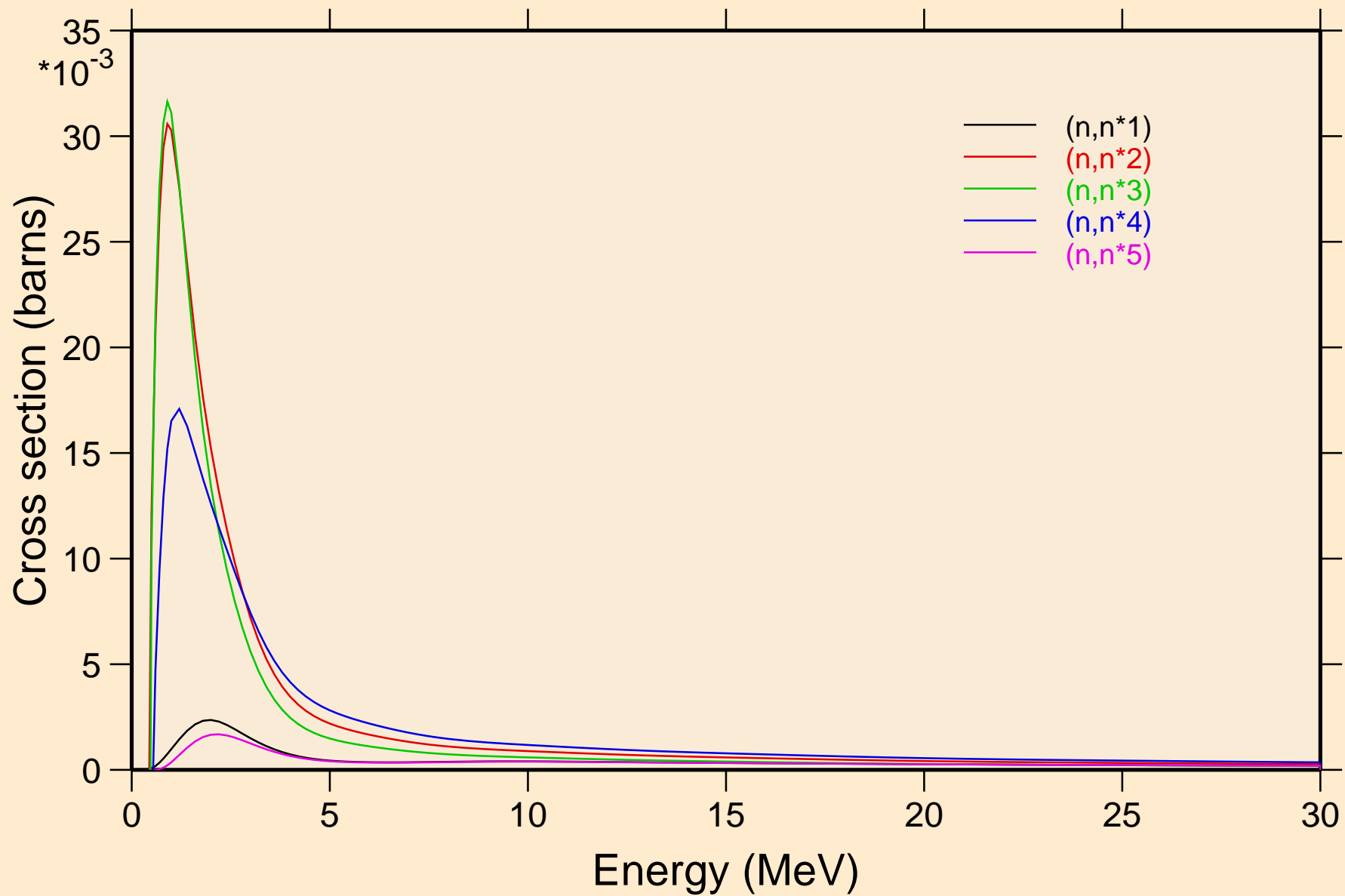
# PB193 NRG TENDL-2015, AKONING

## Non-threshold reactions



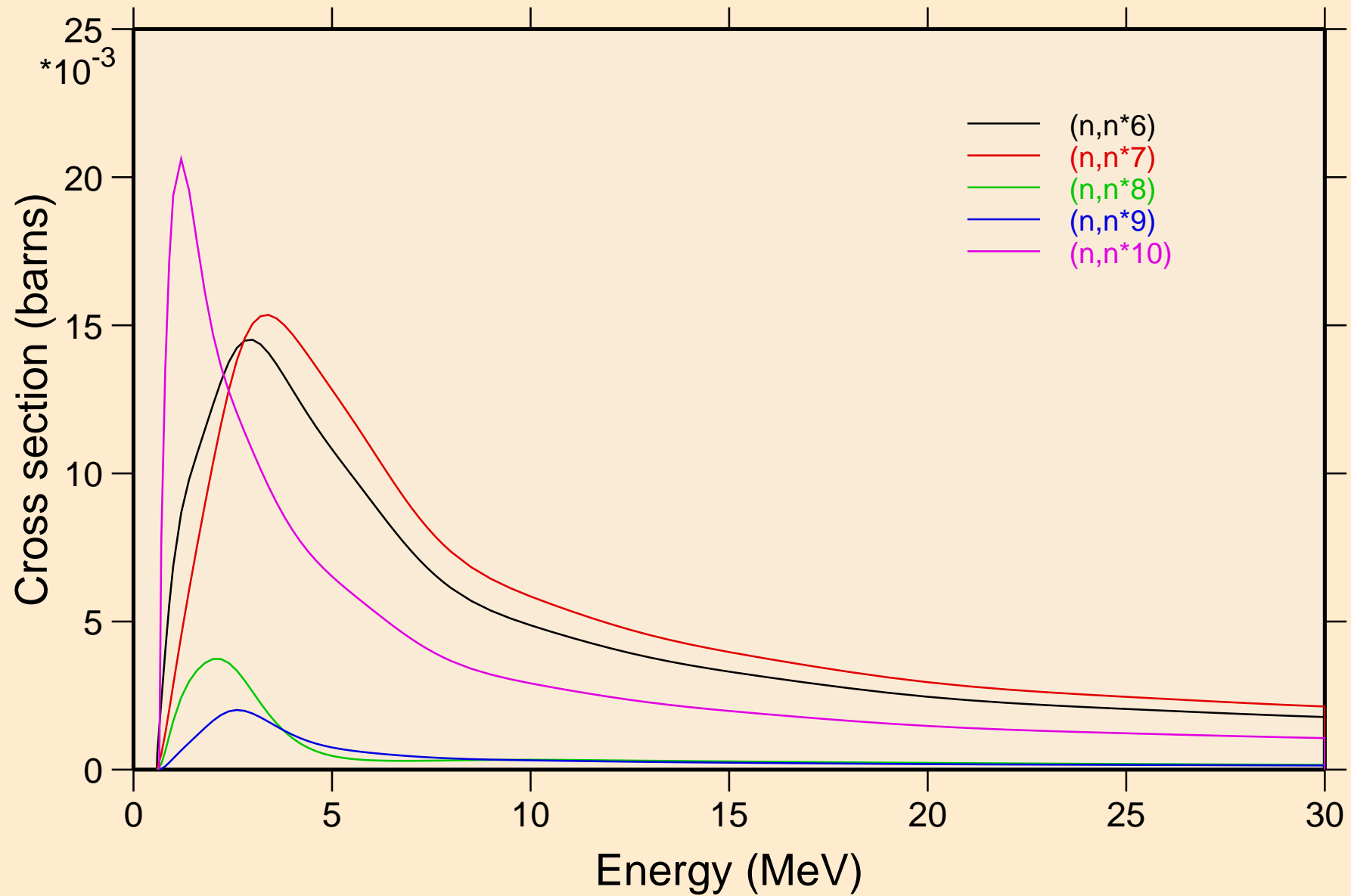
# PB193 NRG TENDL-2015, AKONING

## Inelastic levels



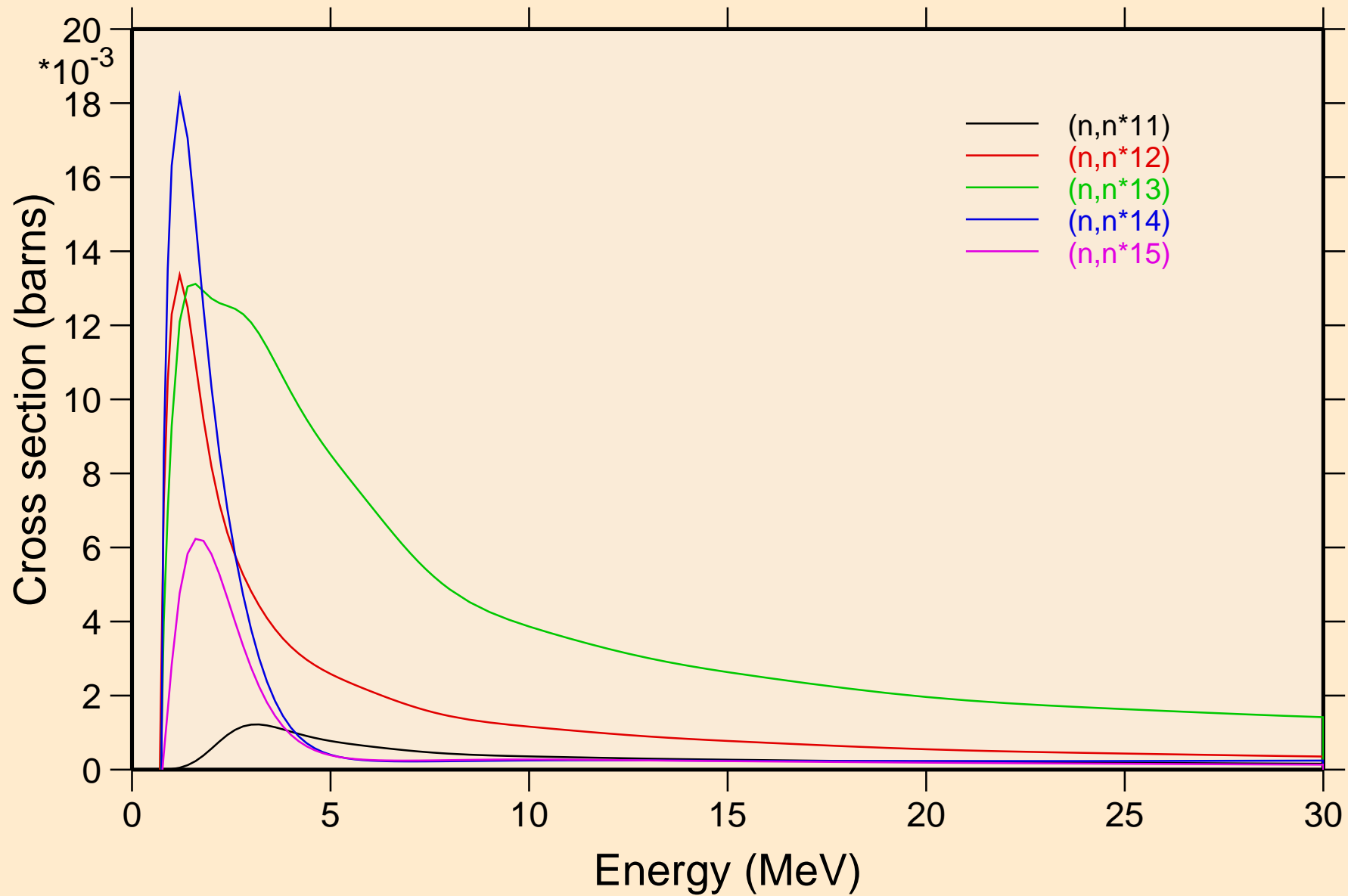
# PB193 NRG TENDL-2015, AKONING

## Inelastic levels

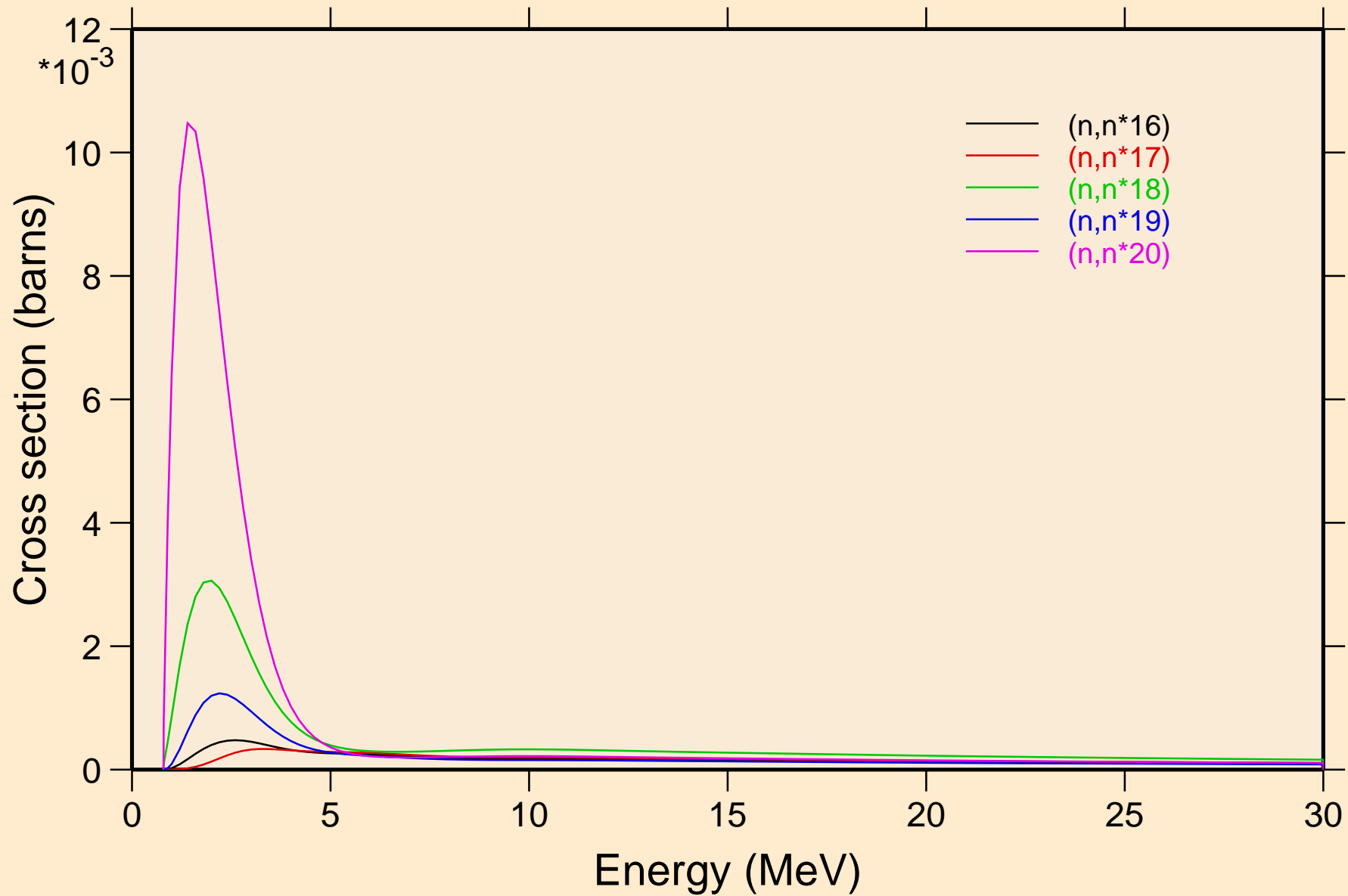


# PB193 NRG TENDL-2015, AKONING

## Inelastic levels

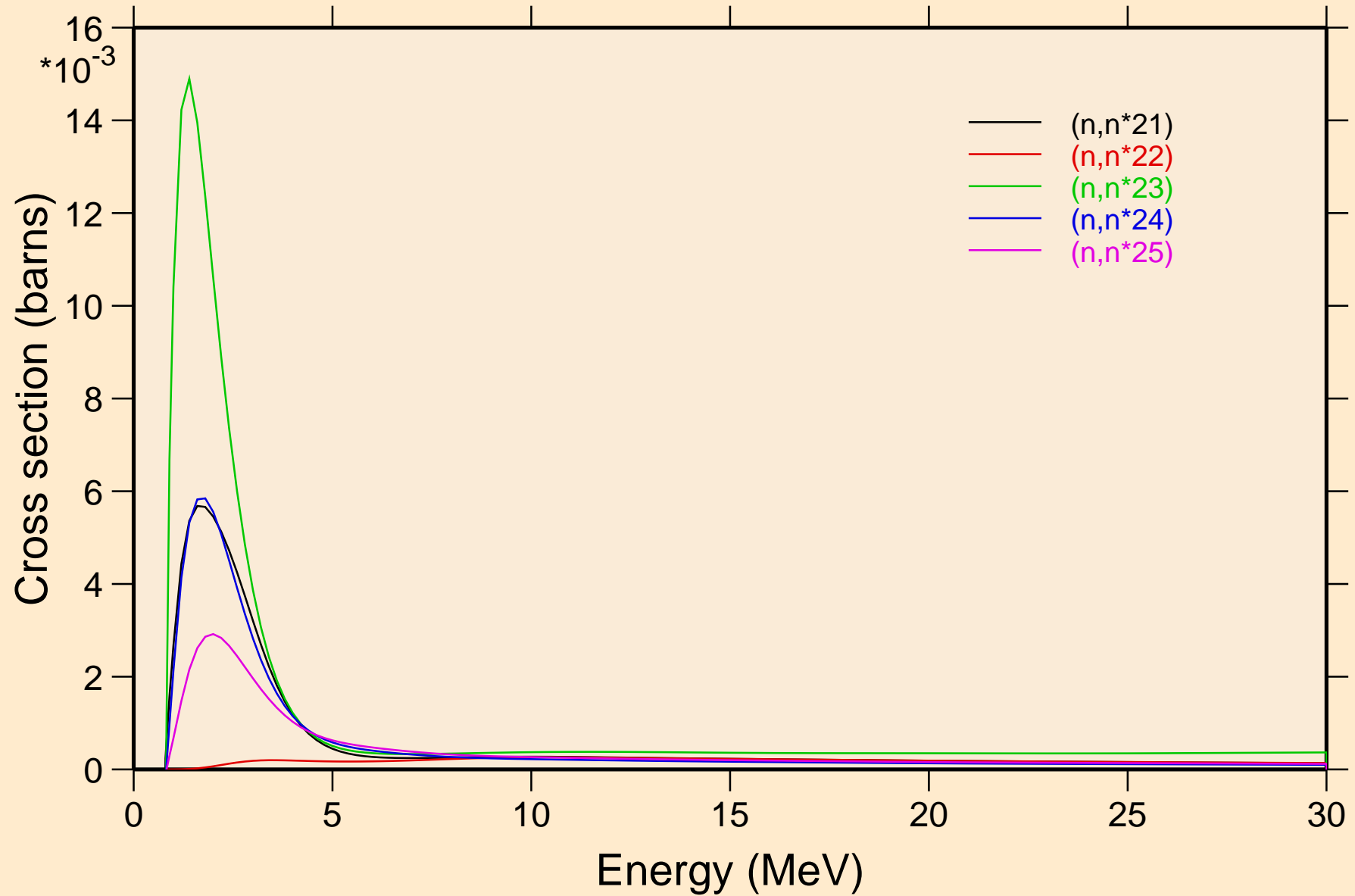


PB193 NRG TENDL-2015, AKONING  
Inelastic levels



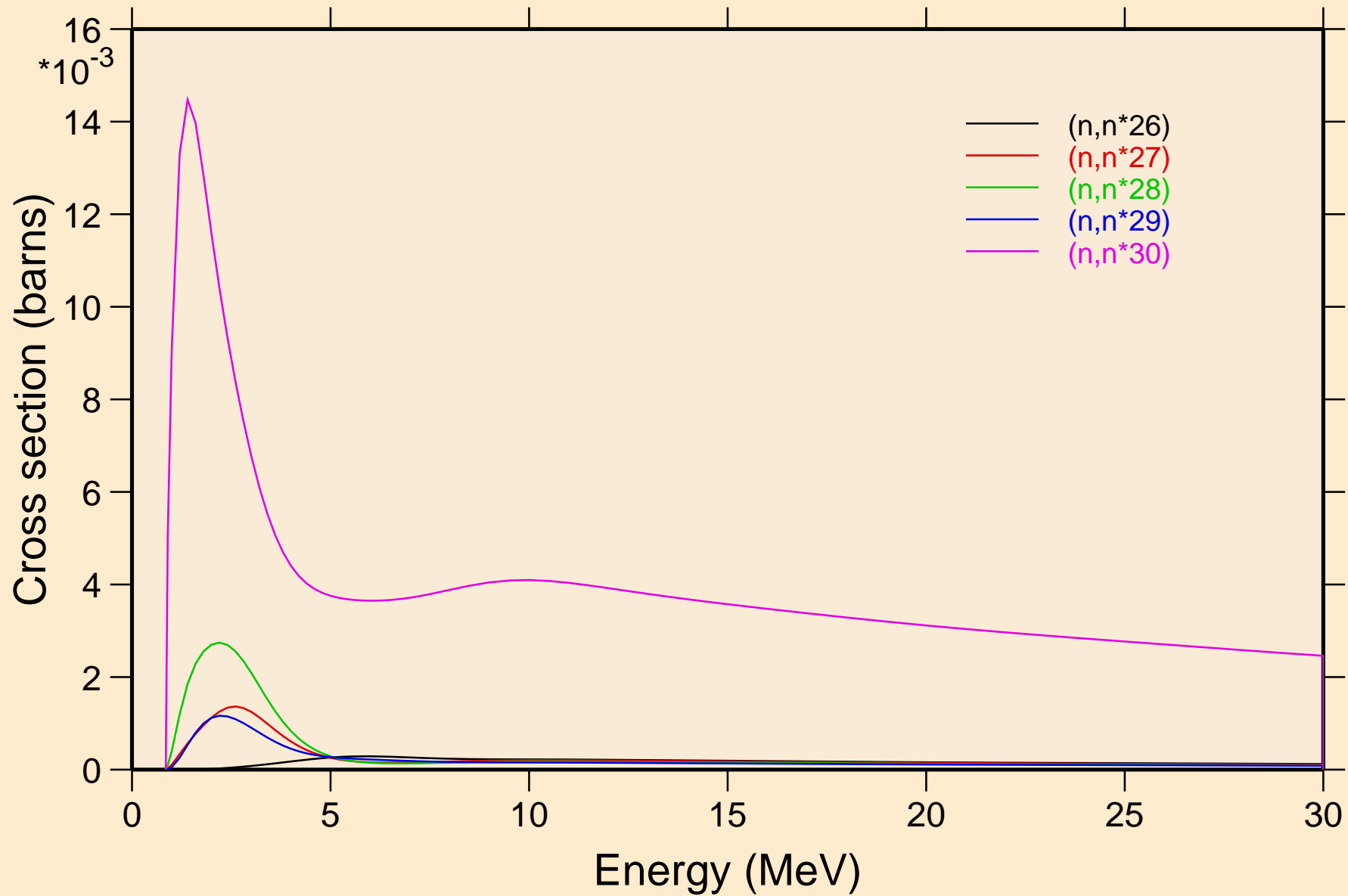


PB193 NRG TENDL-2015, AKONING  
Inelastic levels



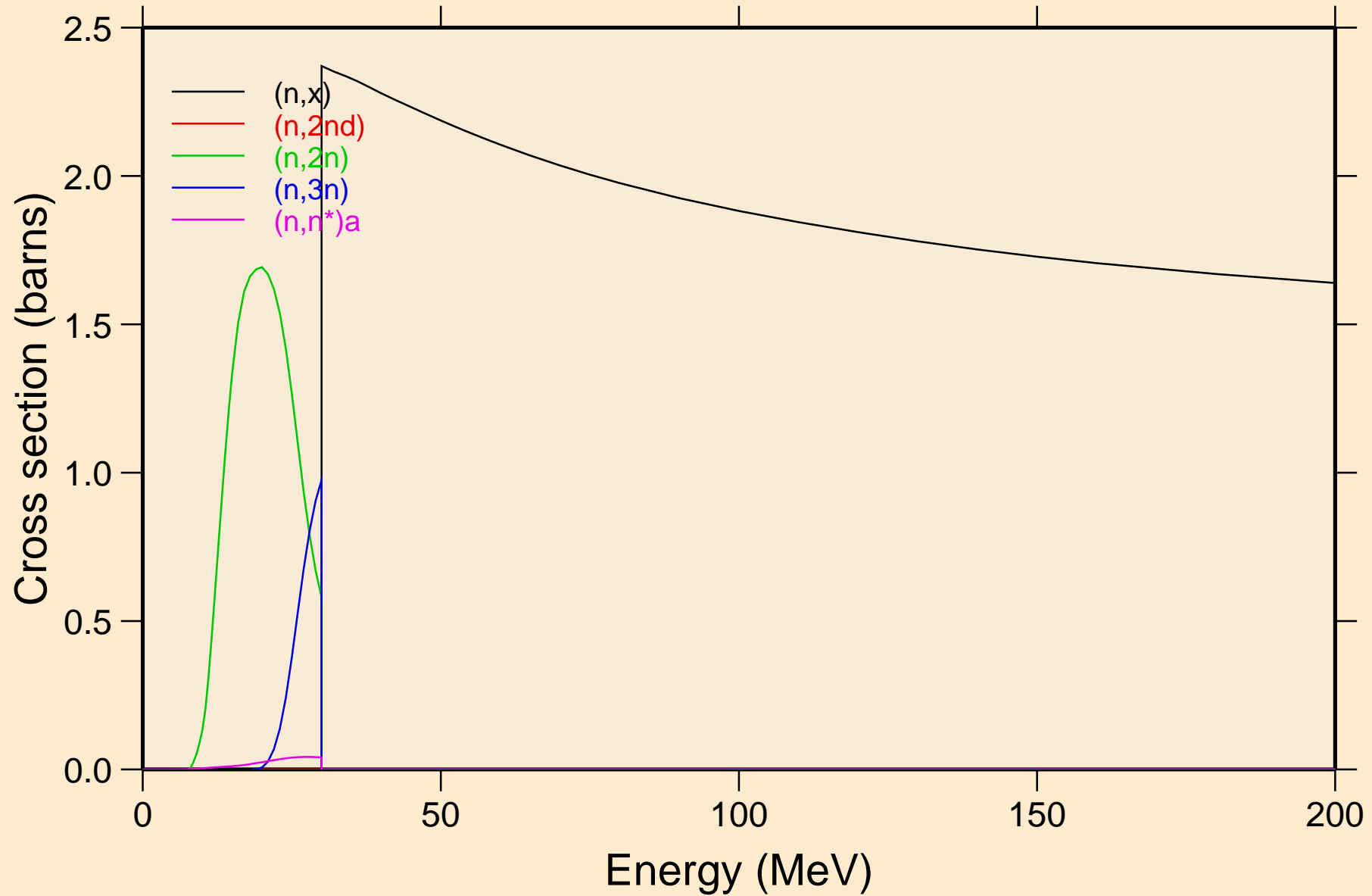
# PB193 NRG TENDL-2015, AKONING

## Inelastic levels



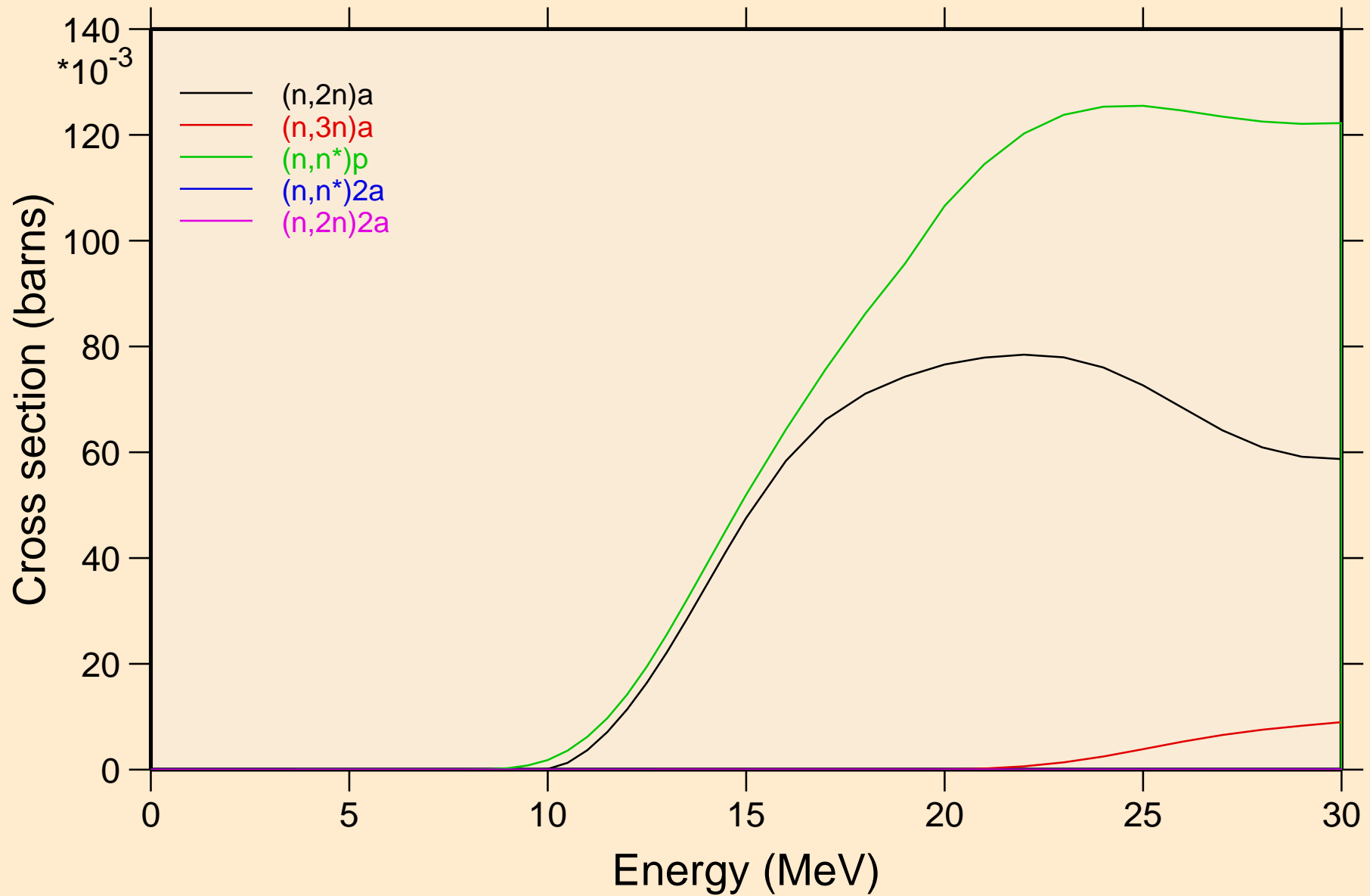
# PB193 NRG TENDL-2015, AKONING

## Threshold reactions



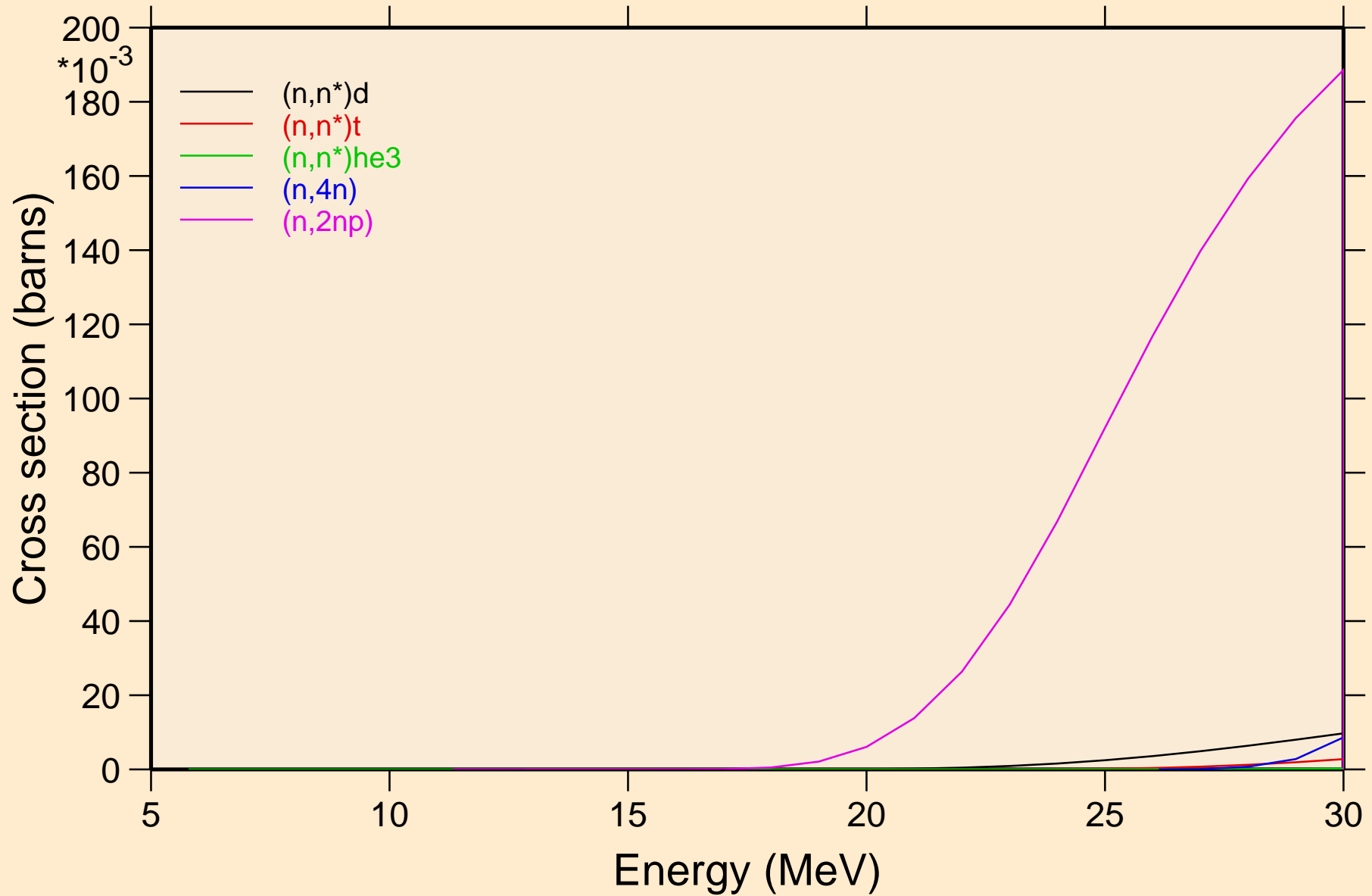
# PB193 NRG TENDL-2015, AKONING

## Threshold reactions



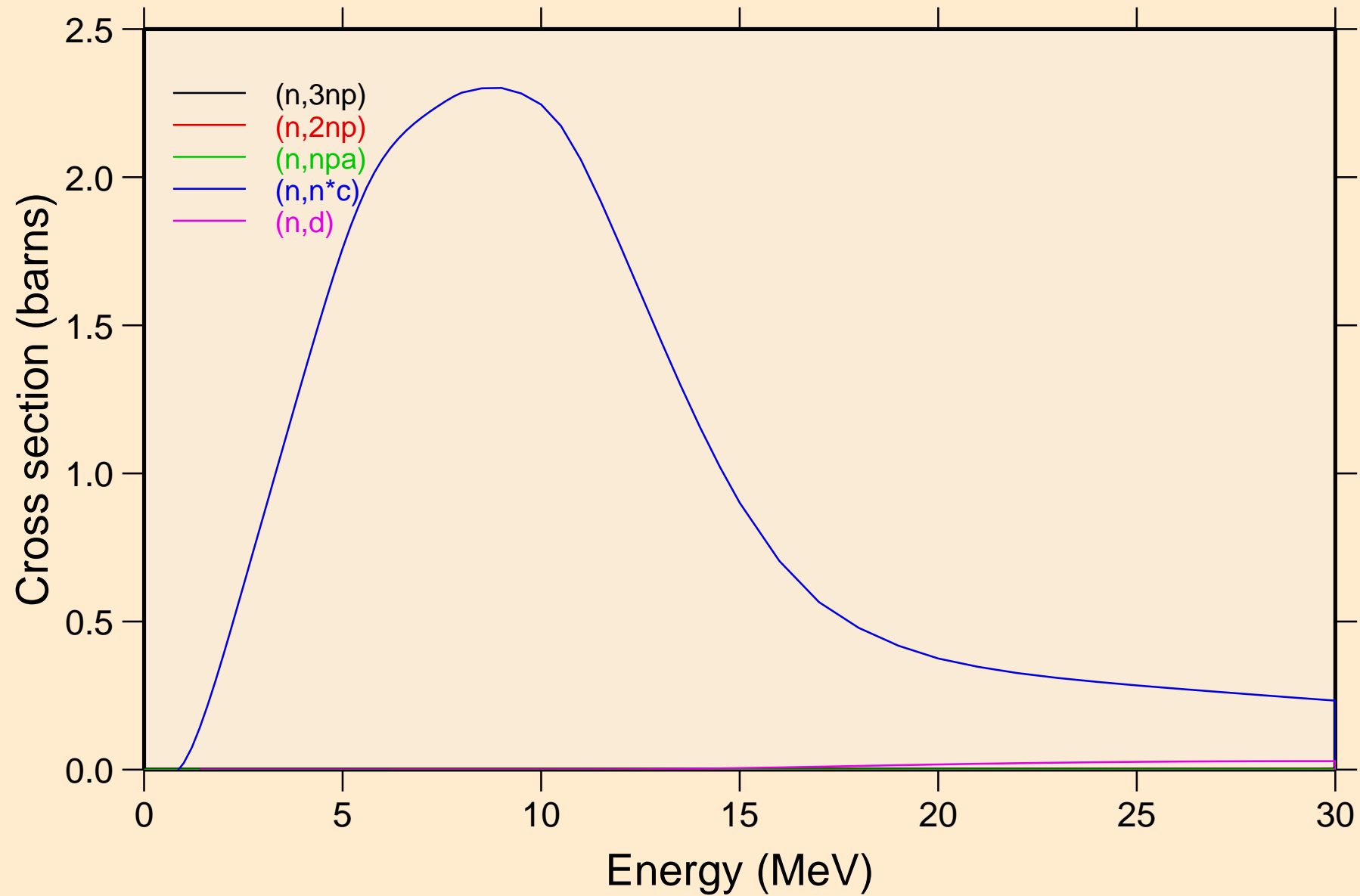
# PB193 NRG TENDL-2015, AKONING

## Threshold reactions



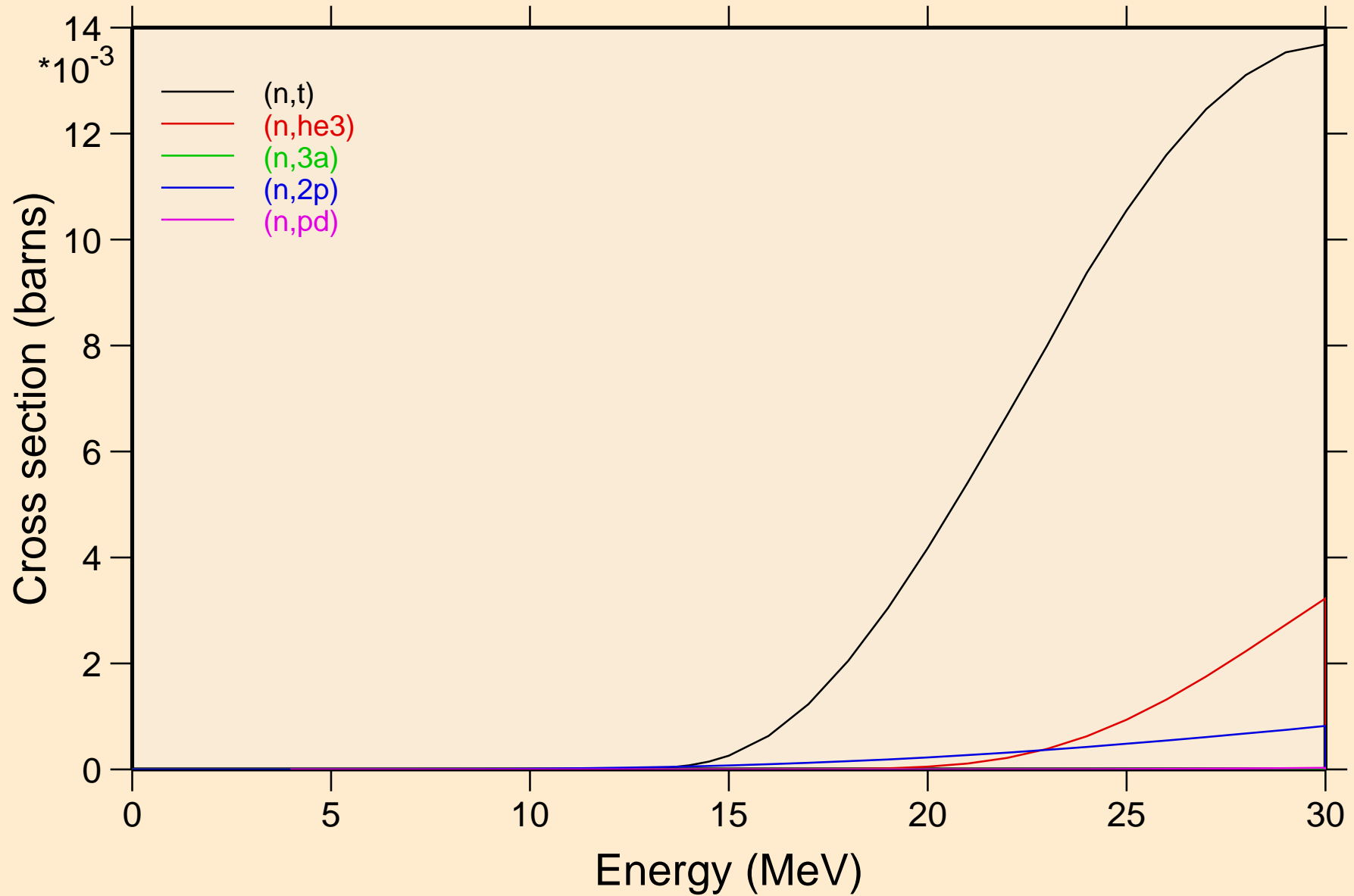
# PB193 NRG TENDL-2015, AKONING

## Threshold reactions



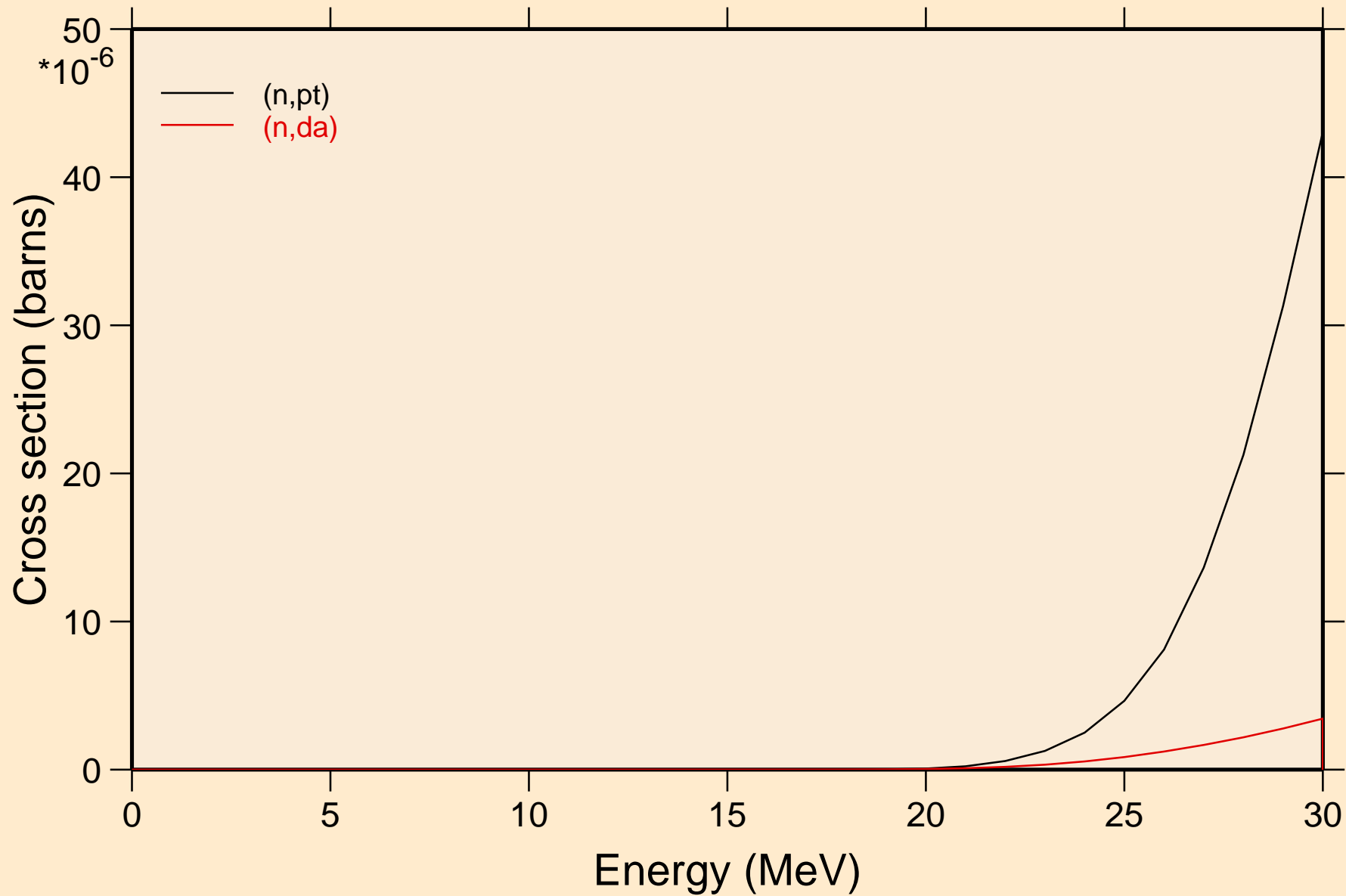
# PB193 NRG TENDL-2015, AKONING

## Threshold reactions



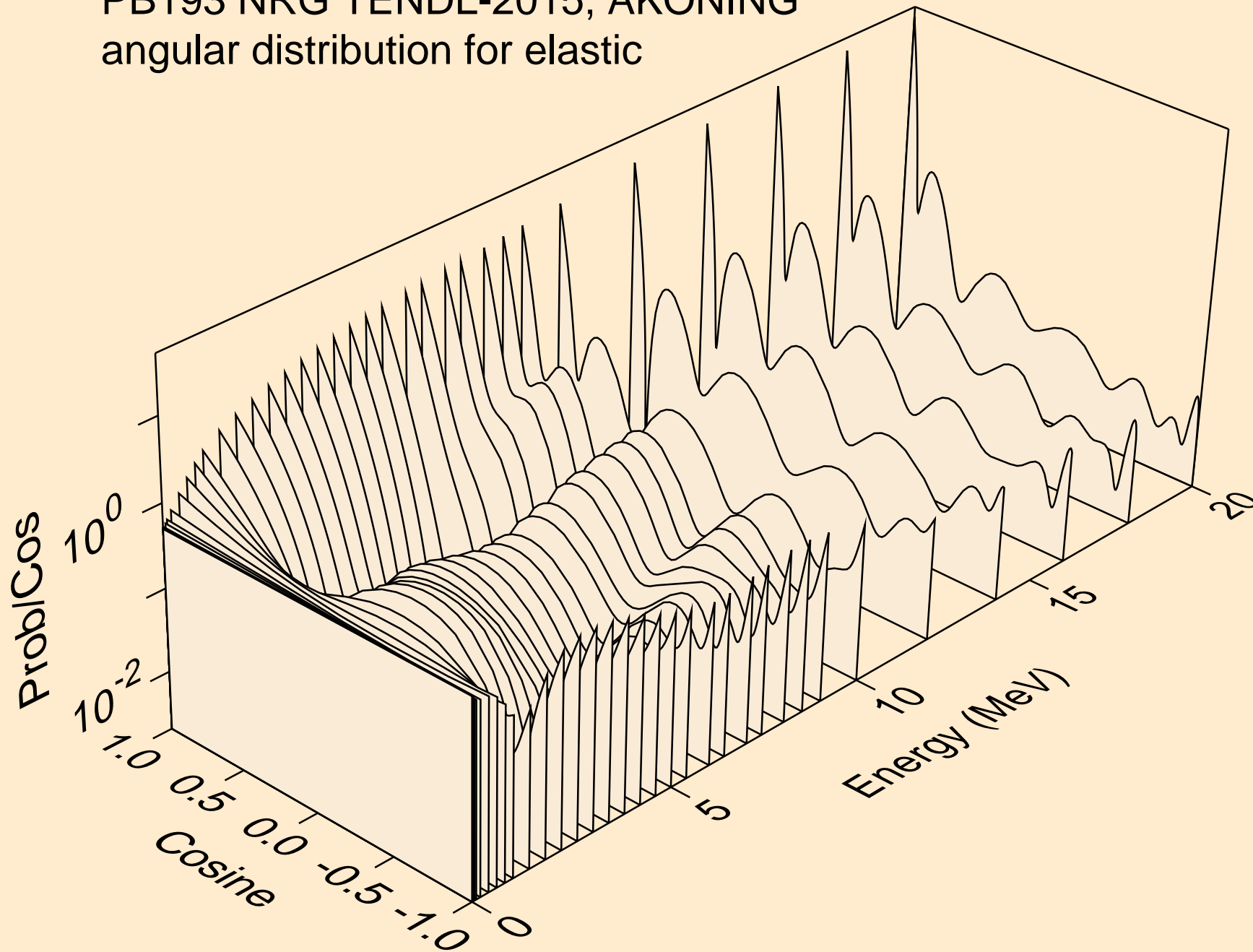
# PB193 NRG TENDL-2015, AKONING

## Threshold reactions

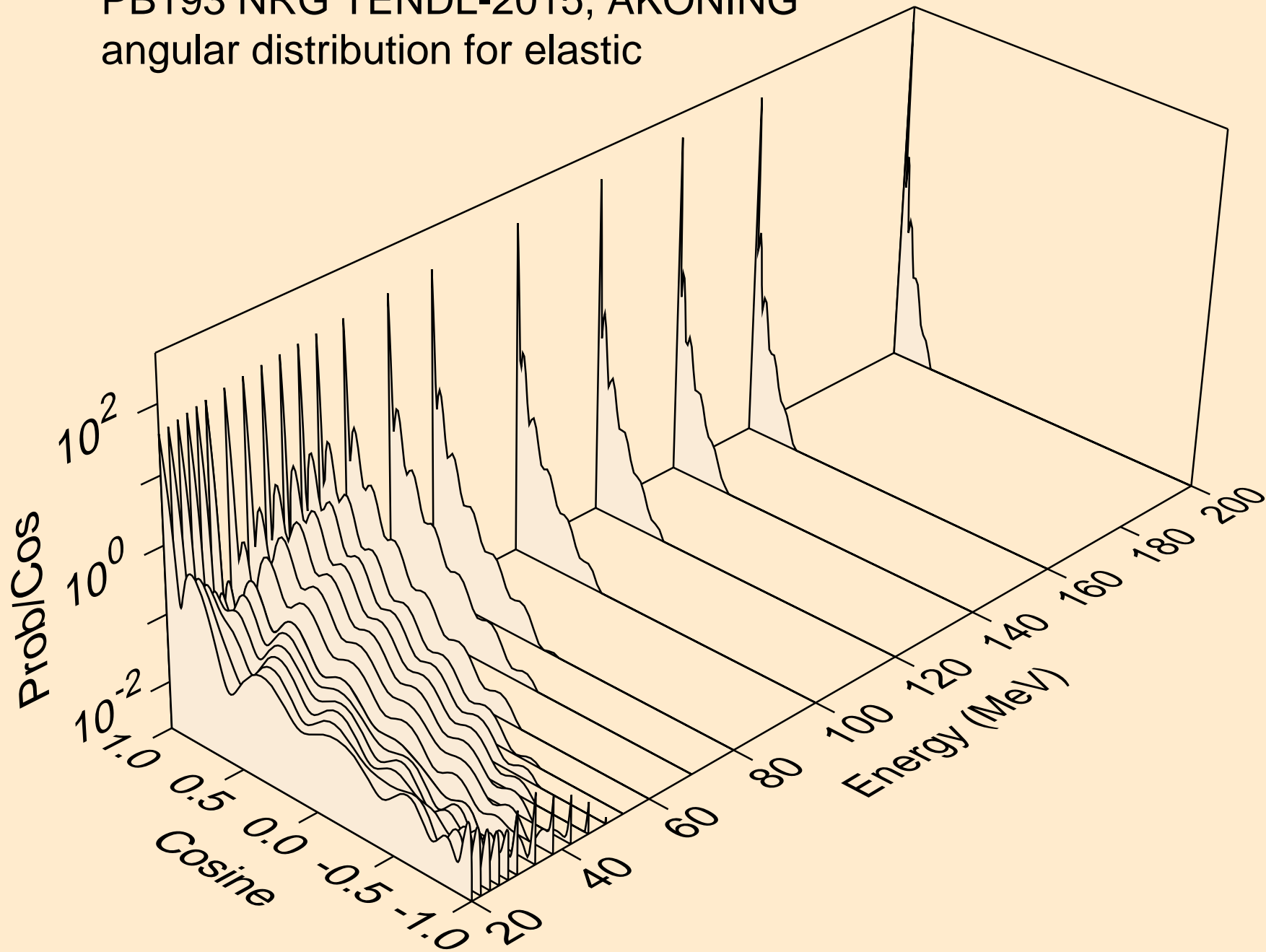




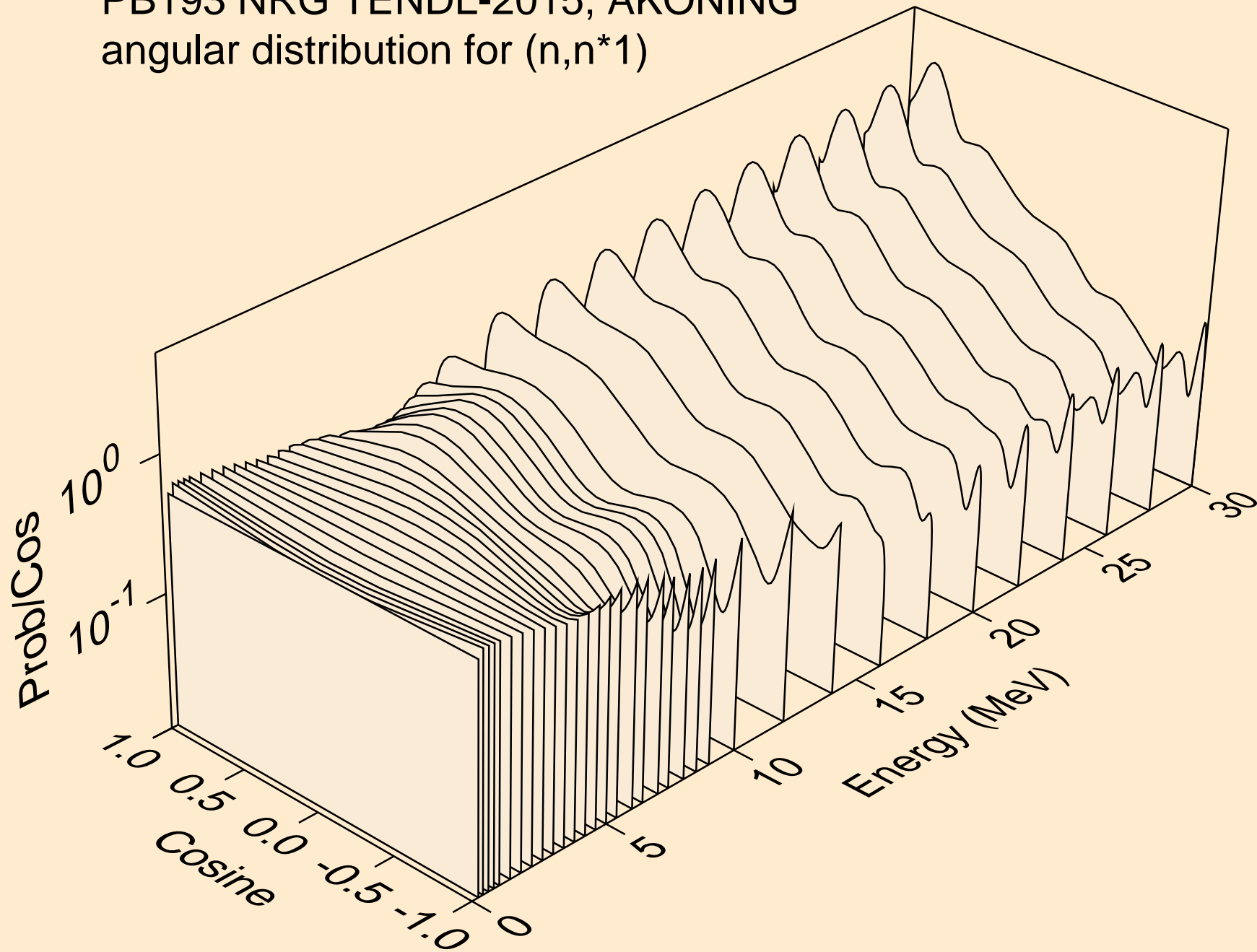
PB193 NRG TENDL-2015, AKONING  
angular distribution for elastic



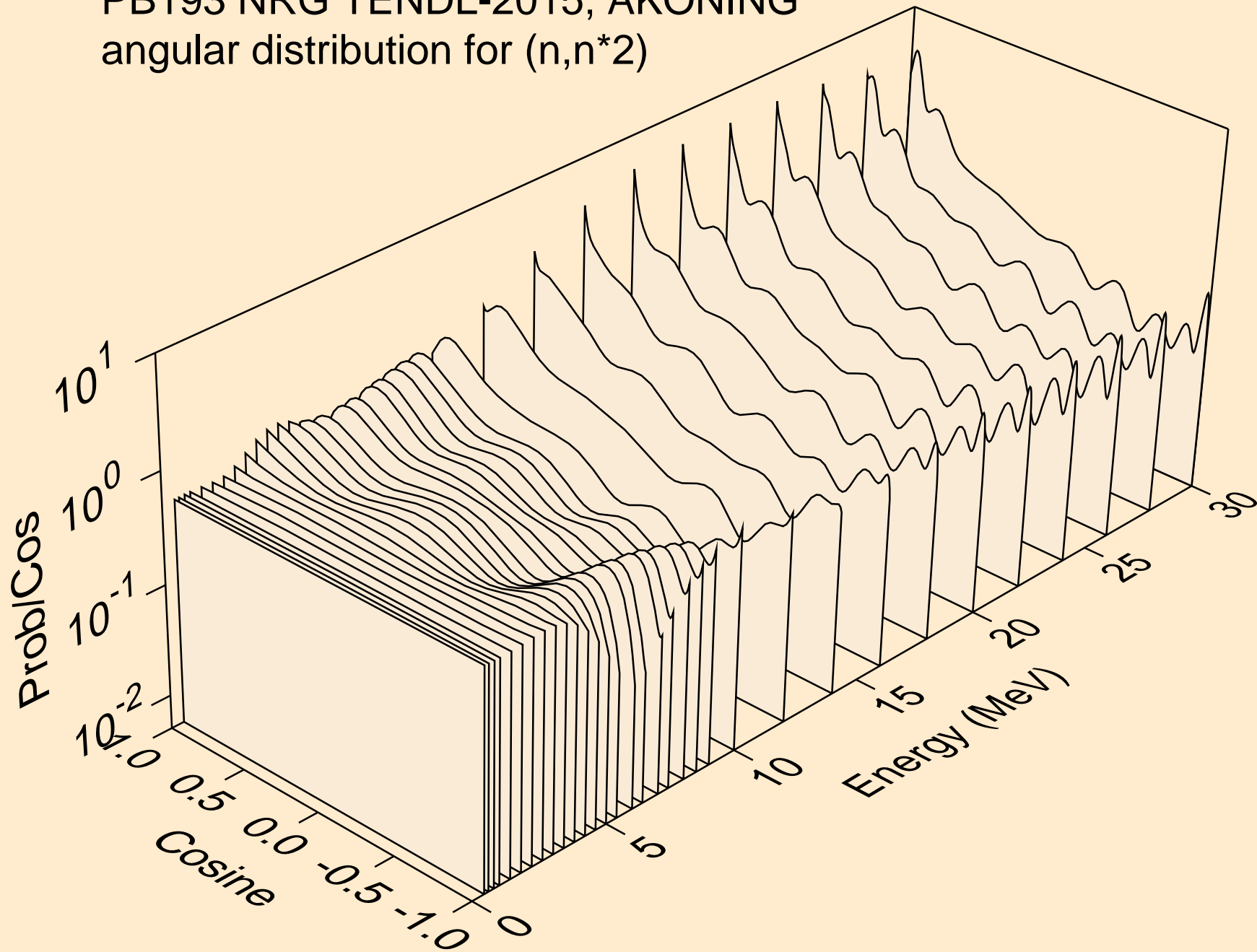
PB193 NRG TENDL-2015, AKONING  
angular distribution for elastic



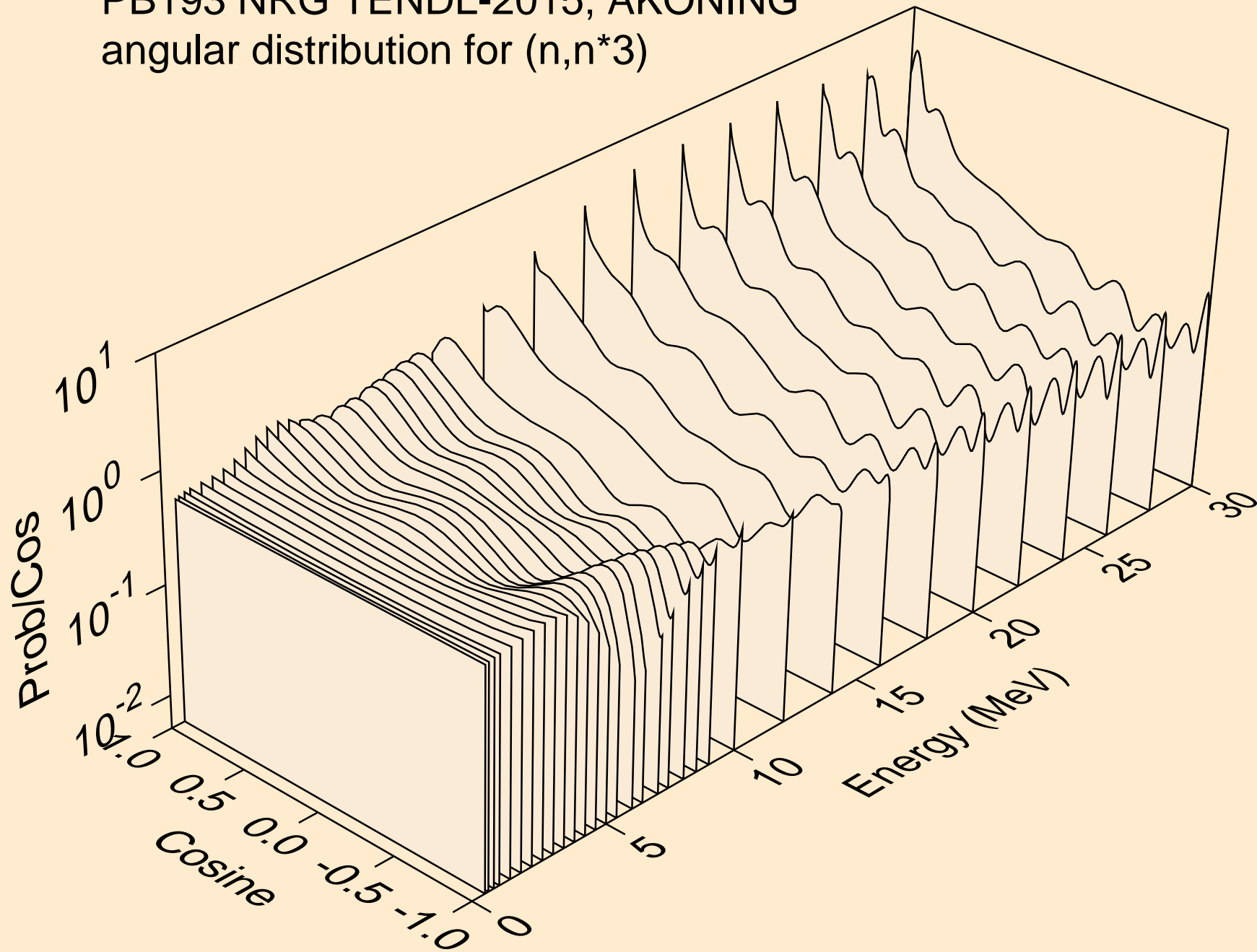
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



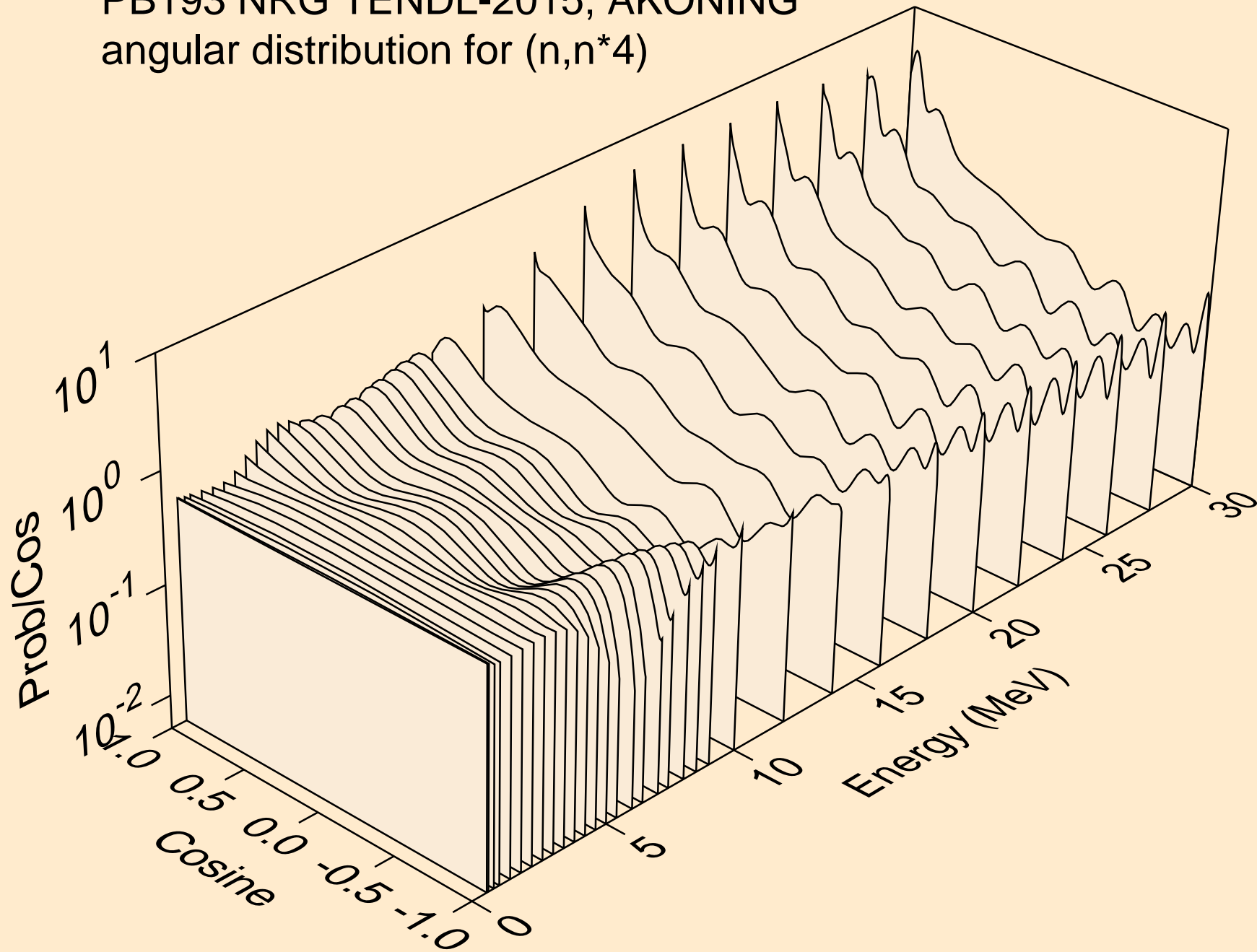
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



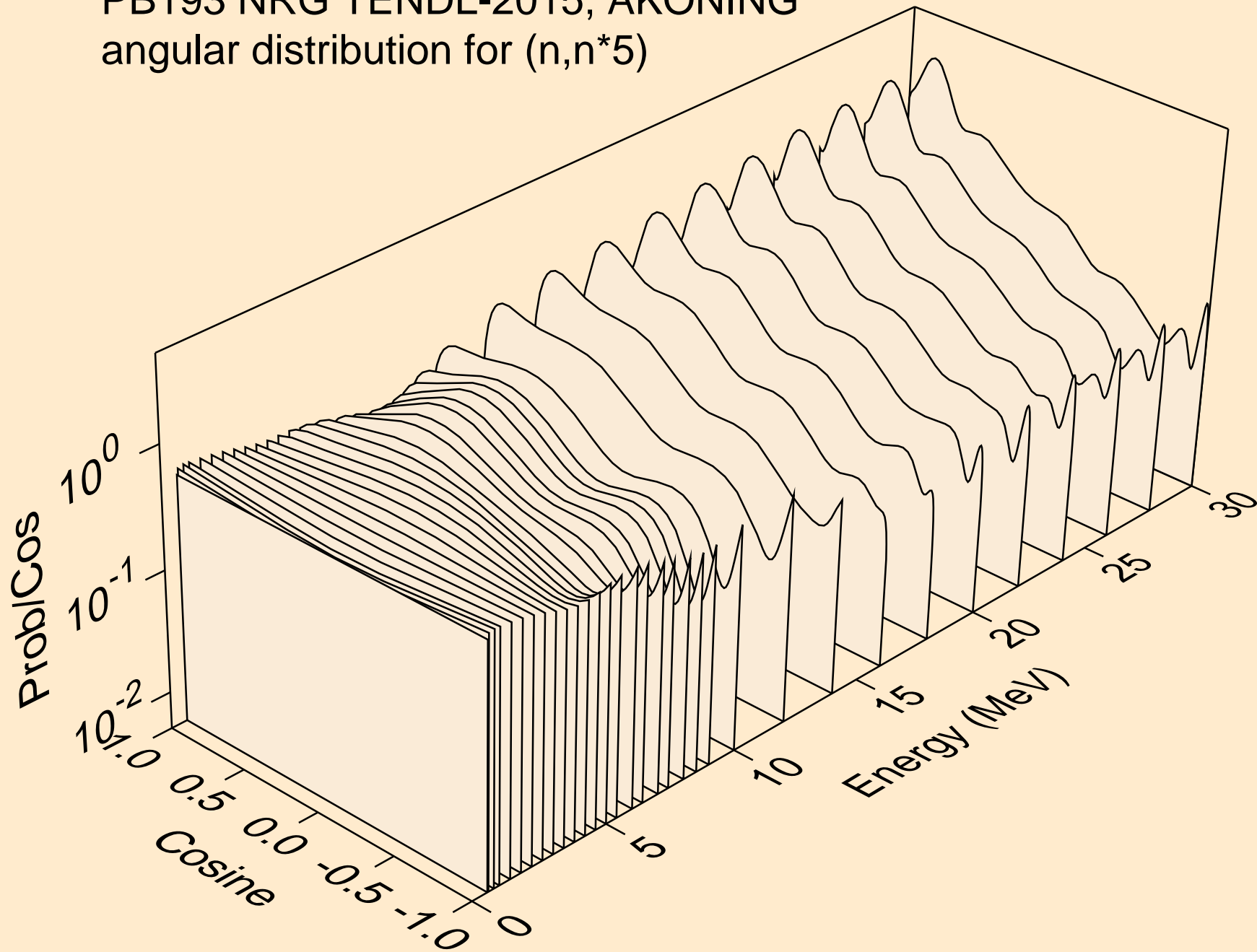
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



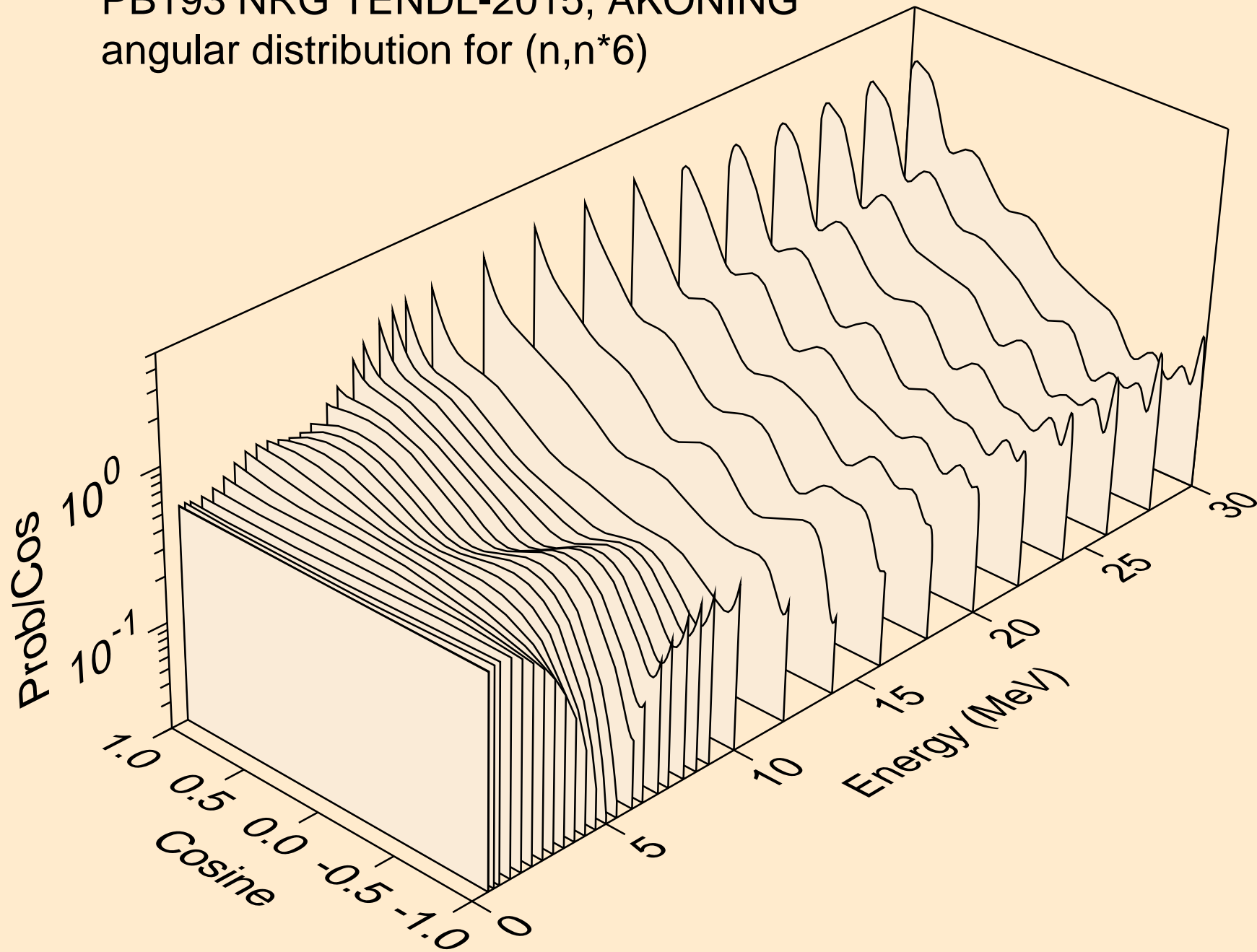
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

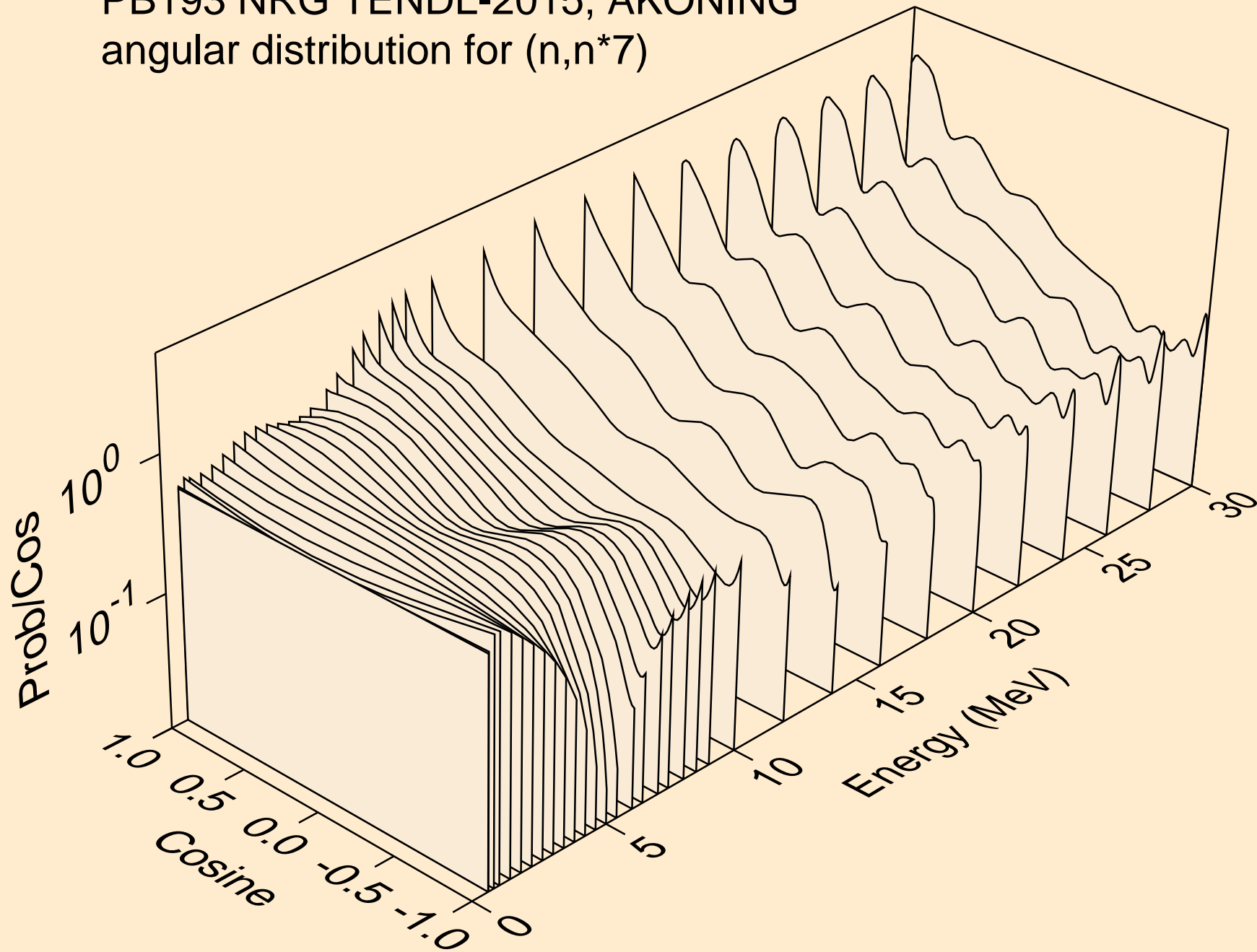


PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

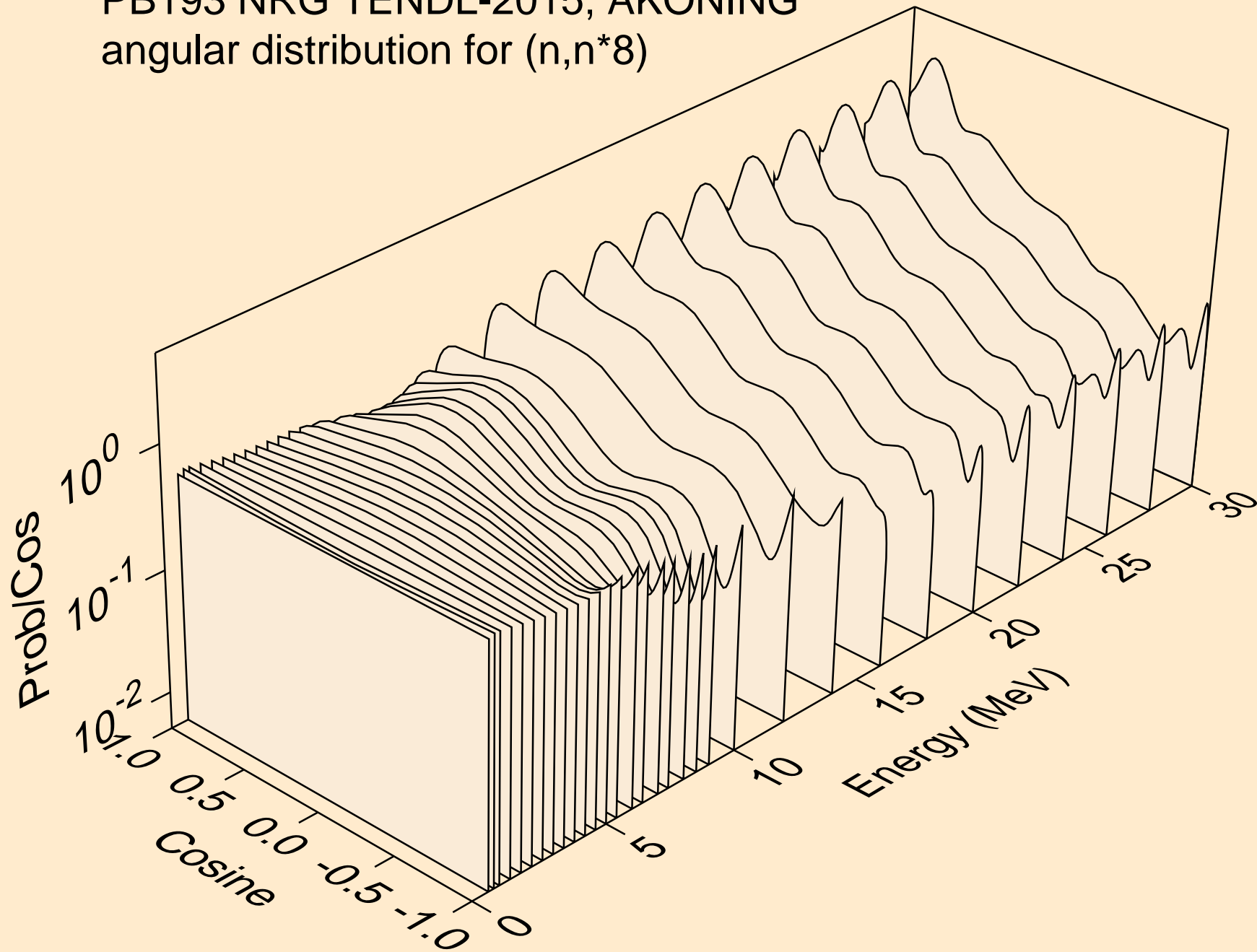




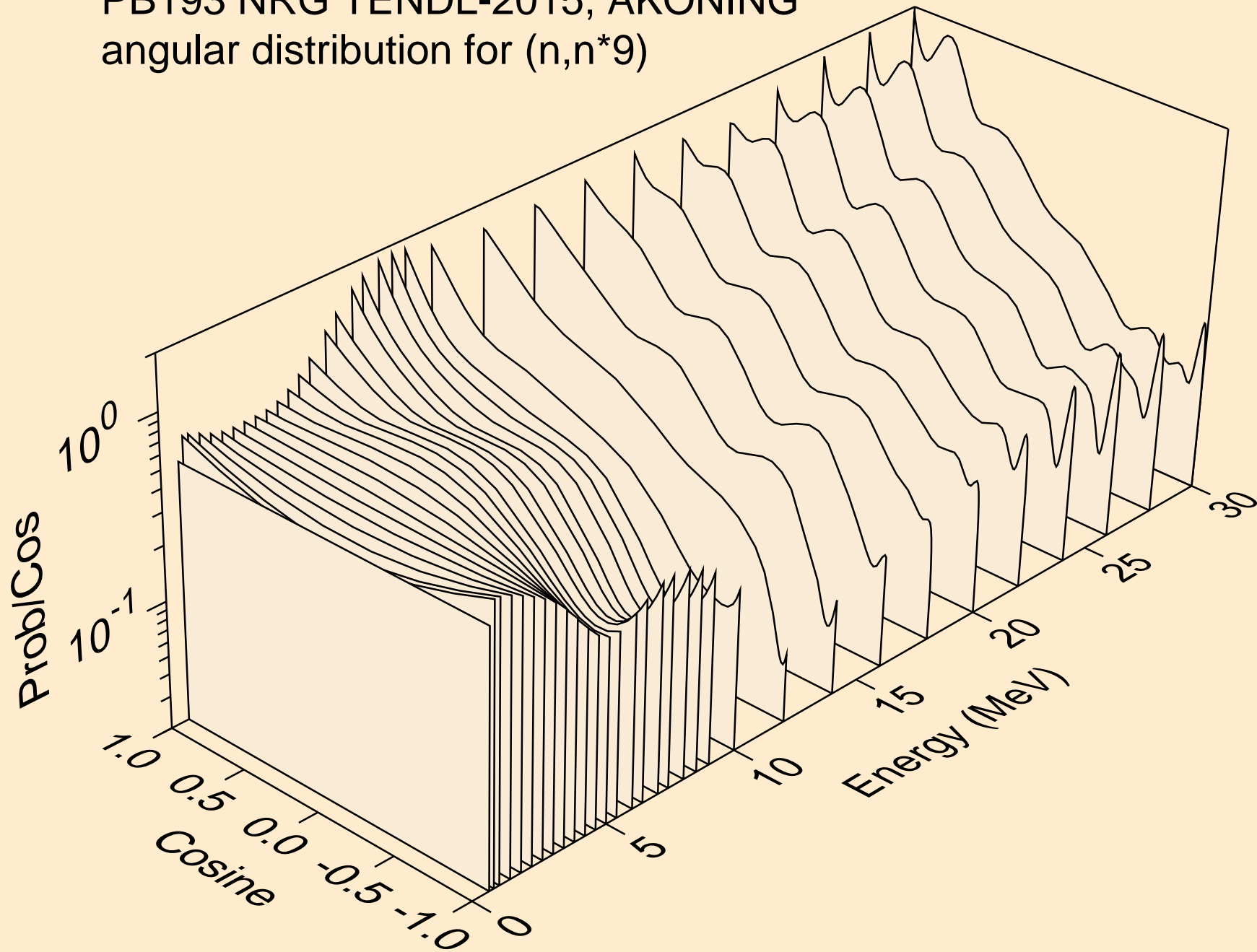
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



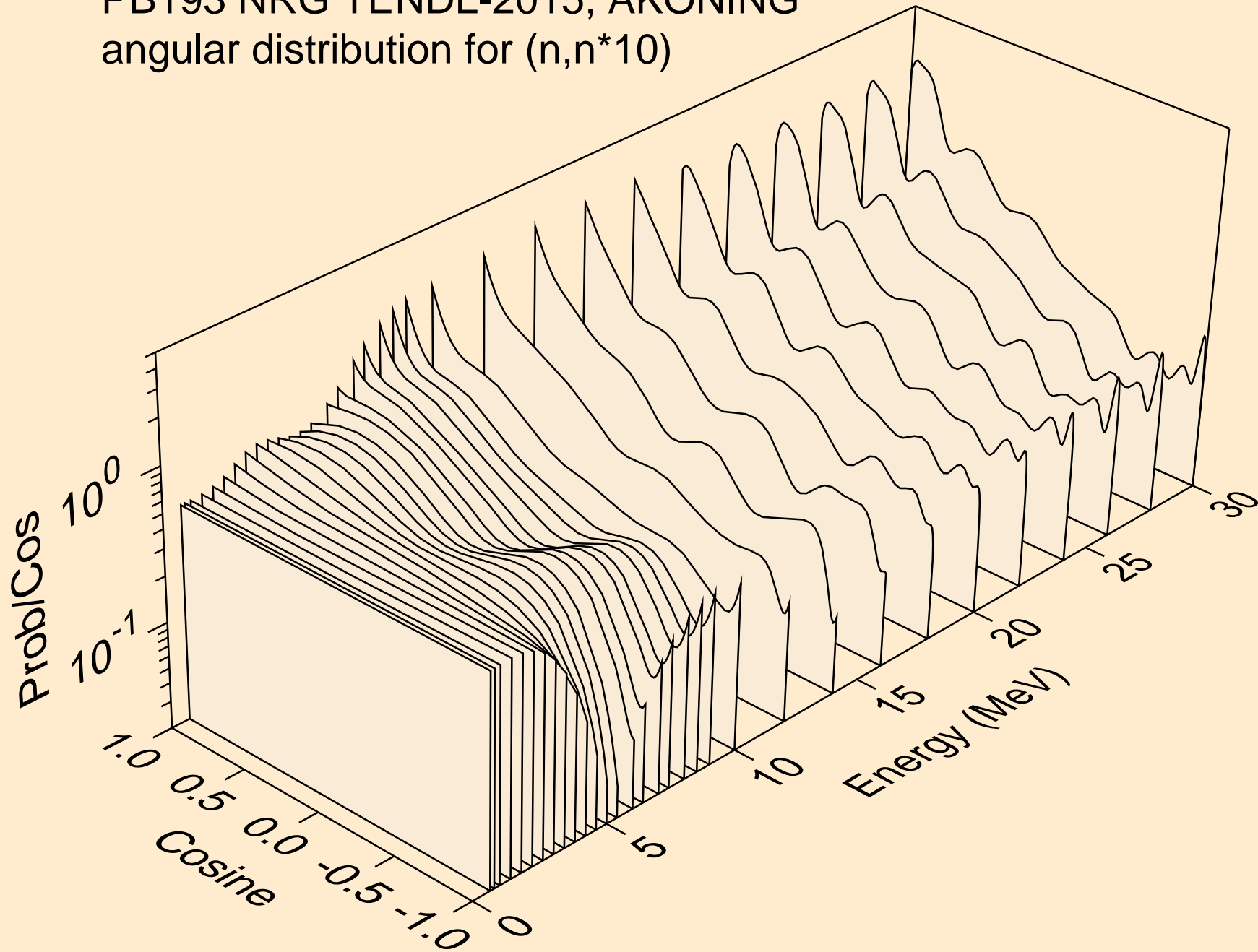
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



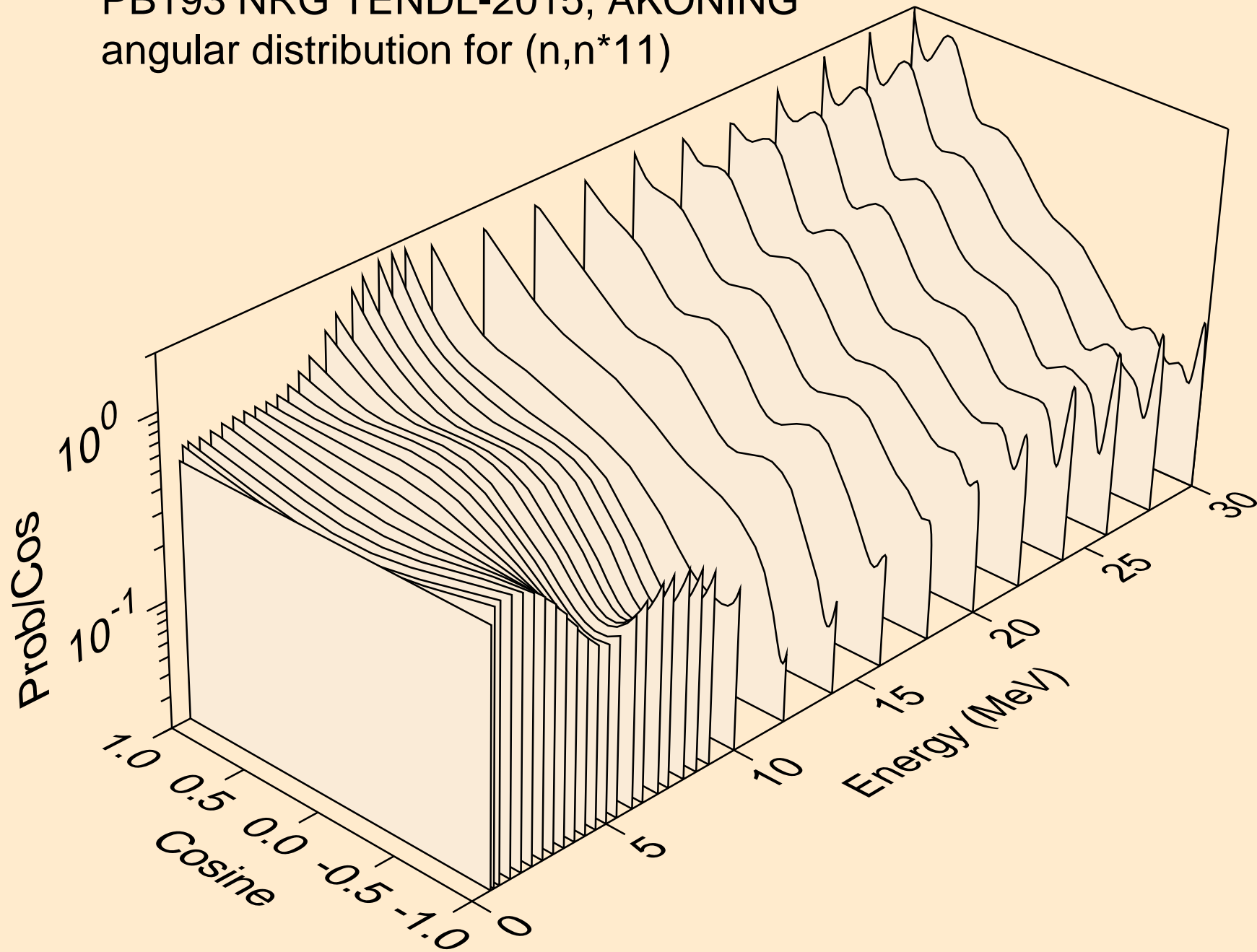
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



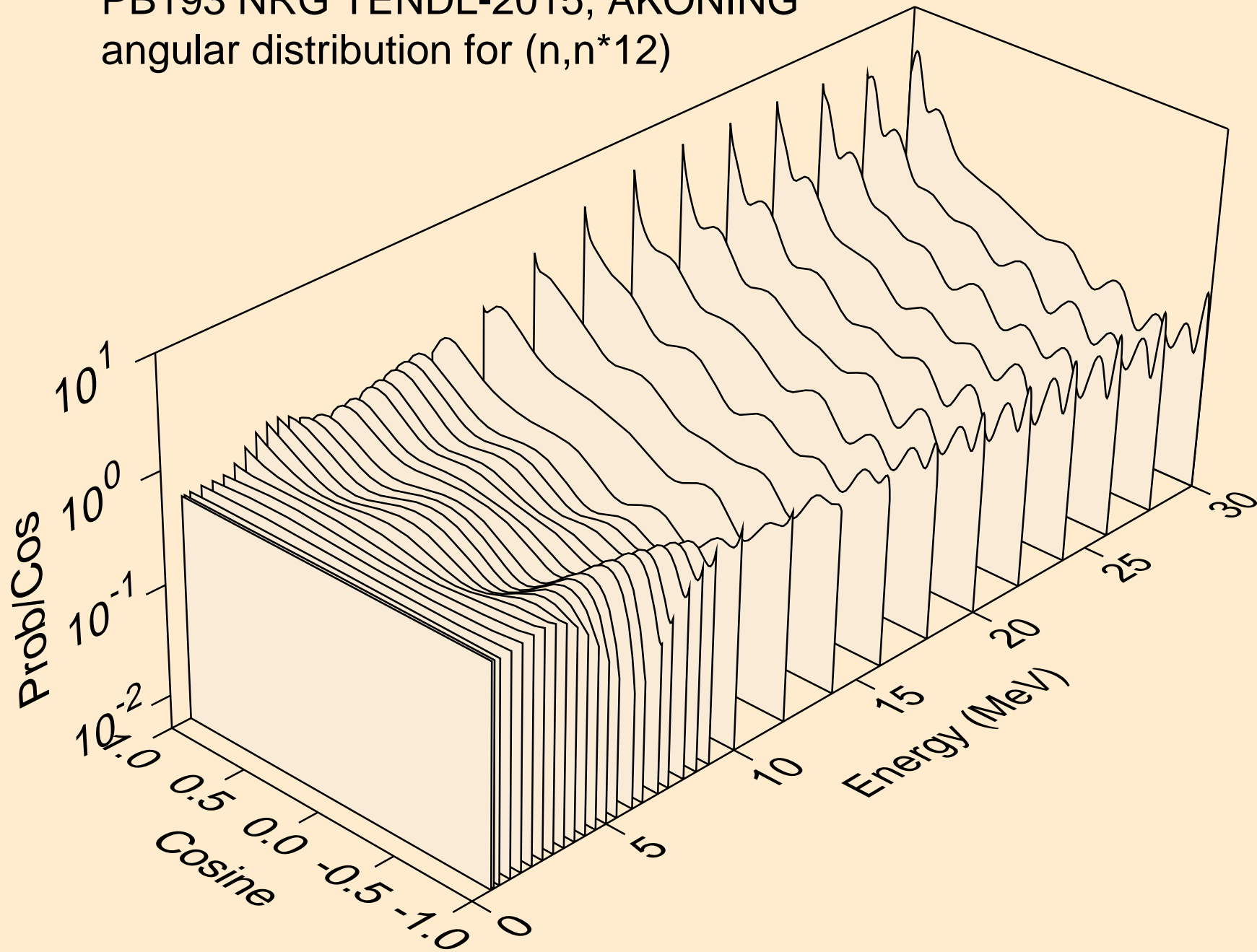
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



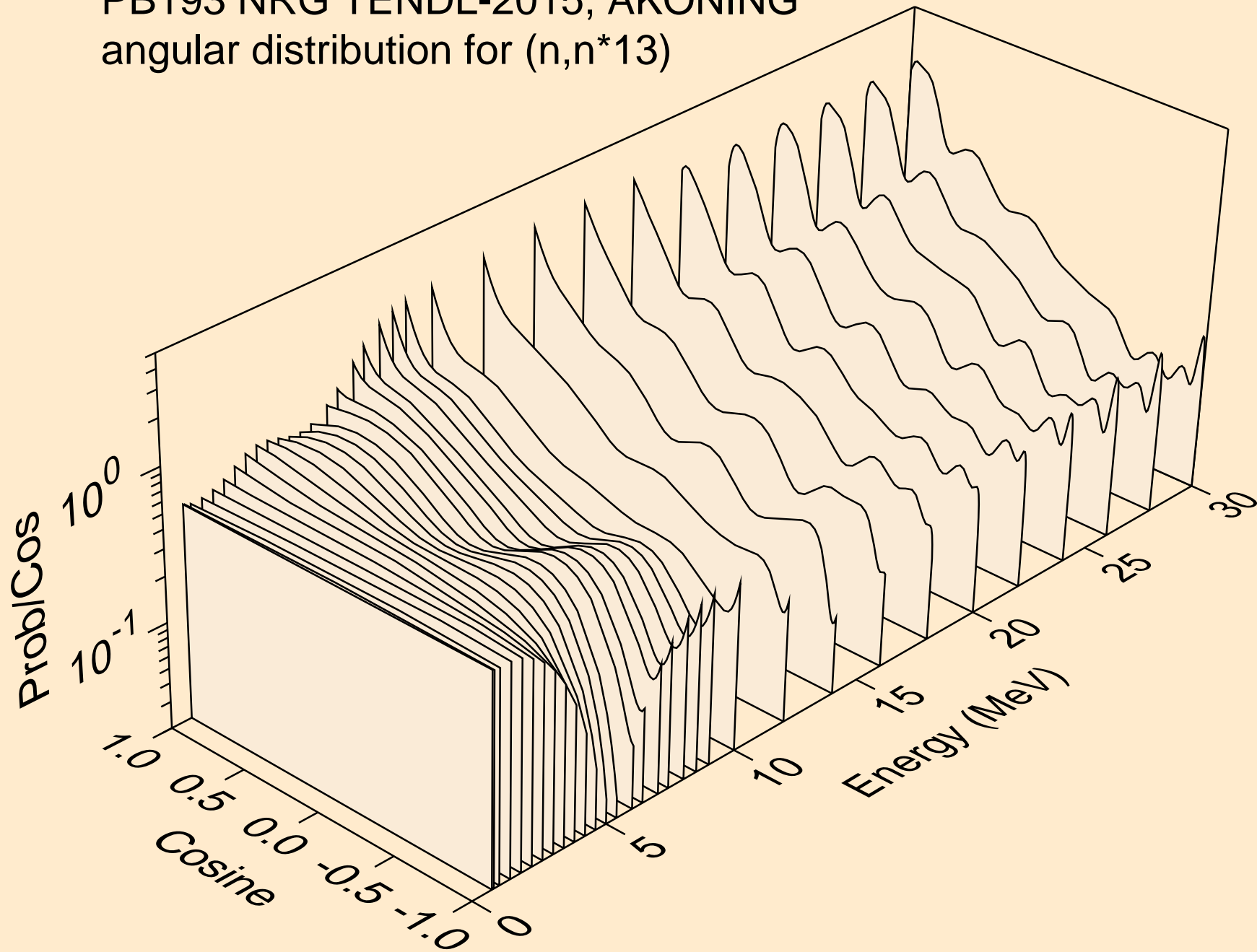
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



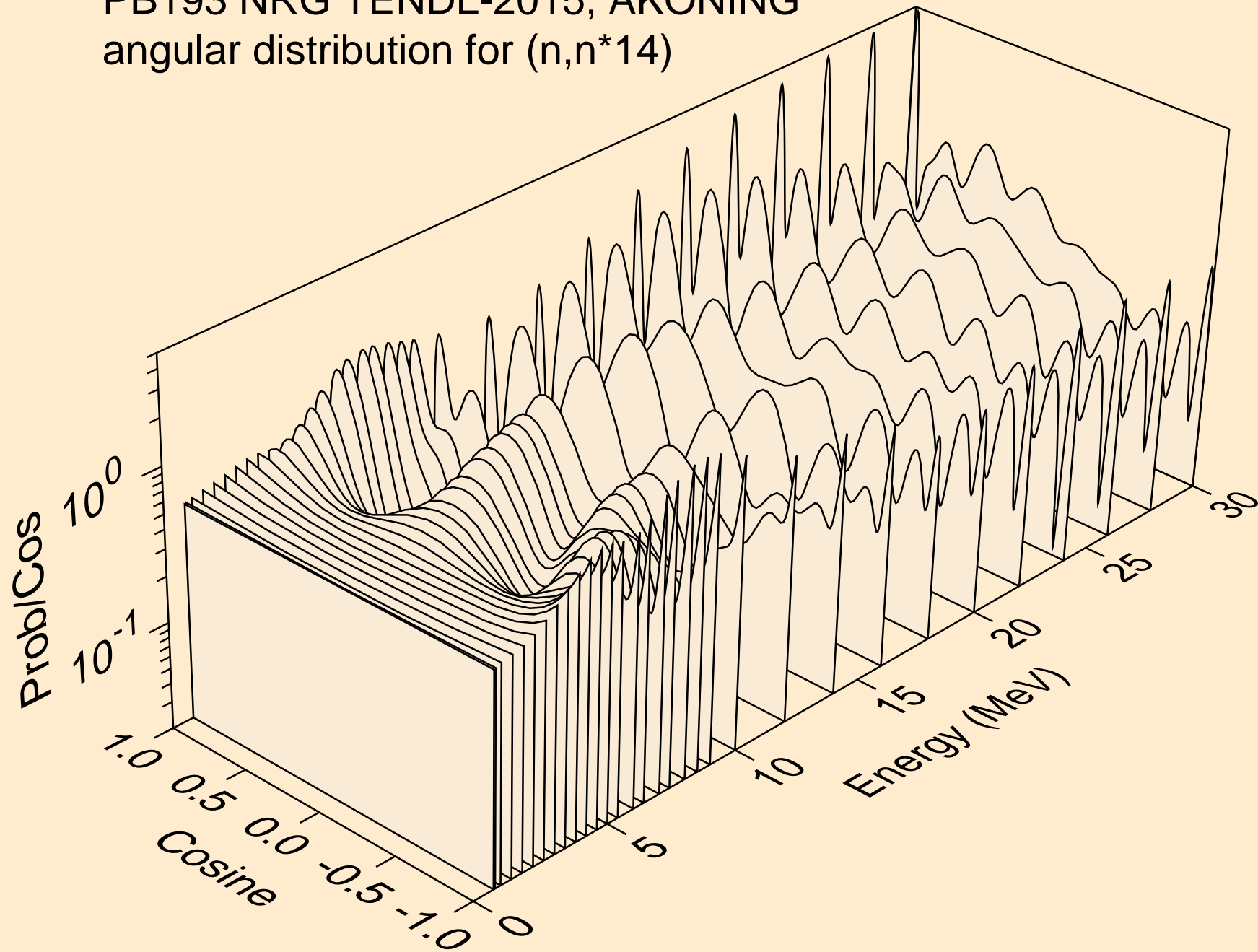
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

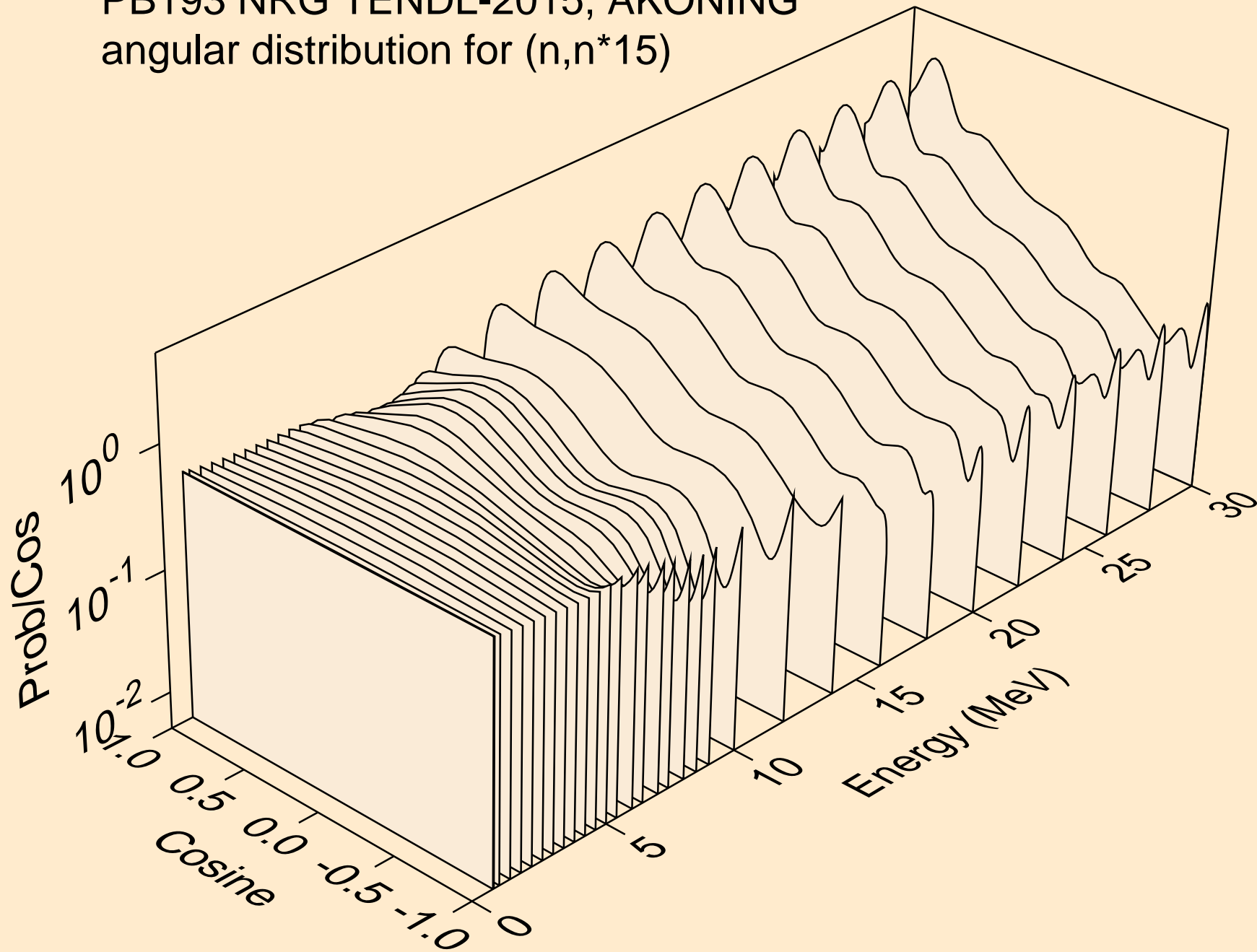


PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

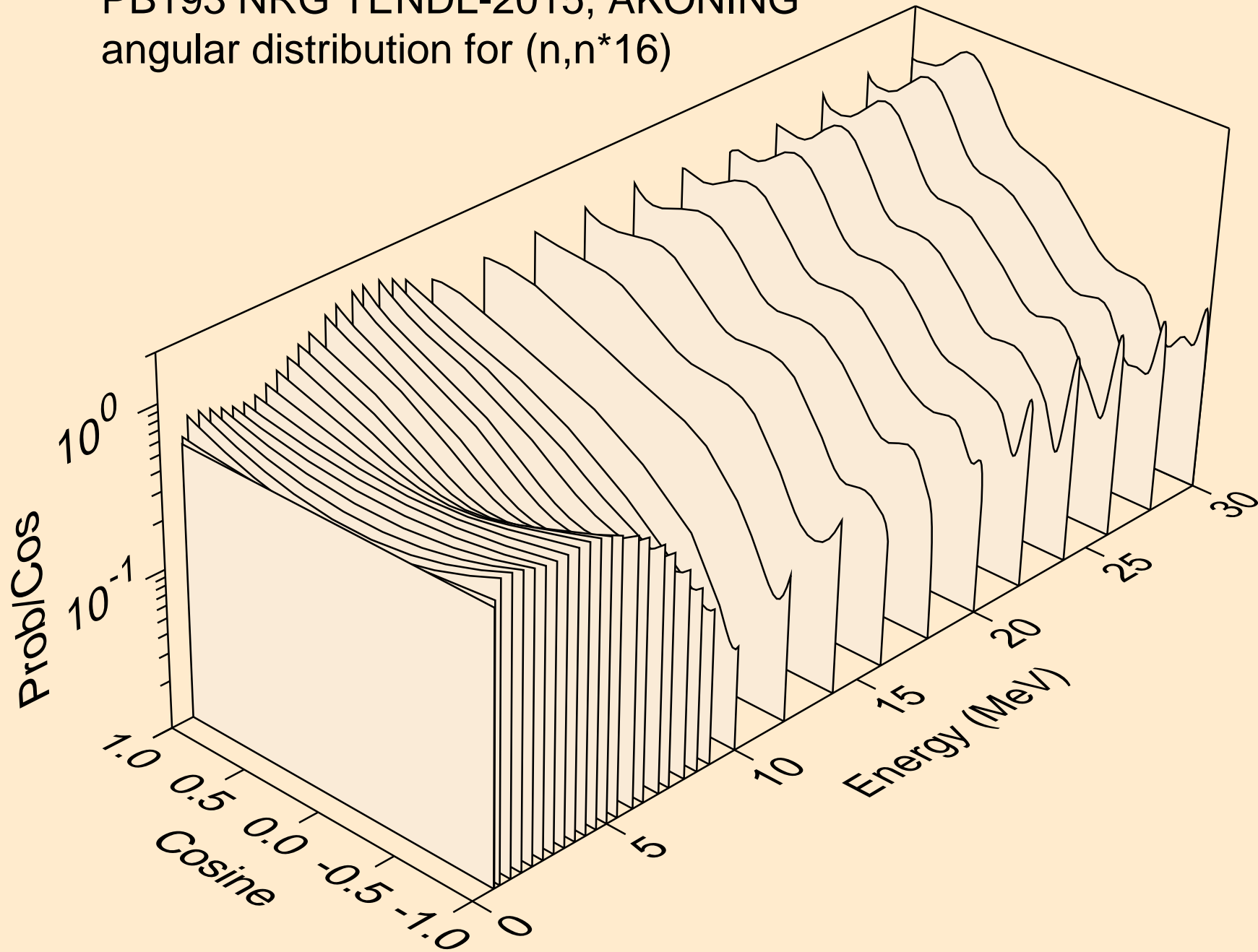




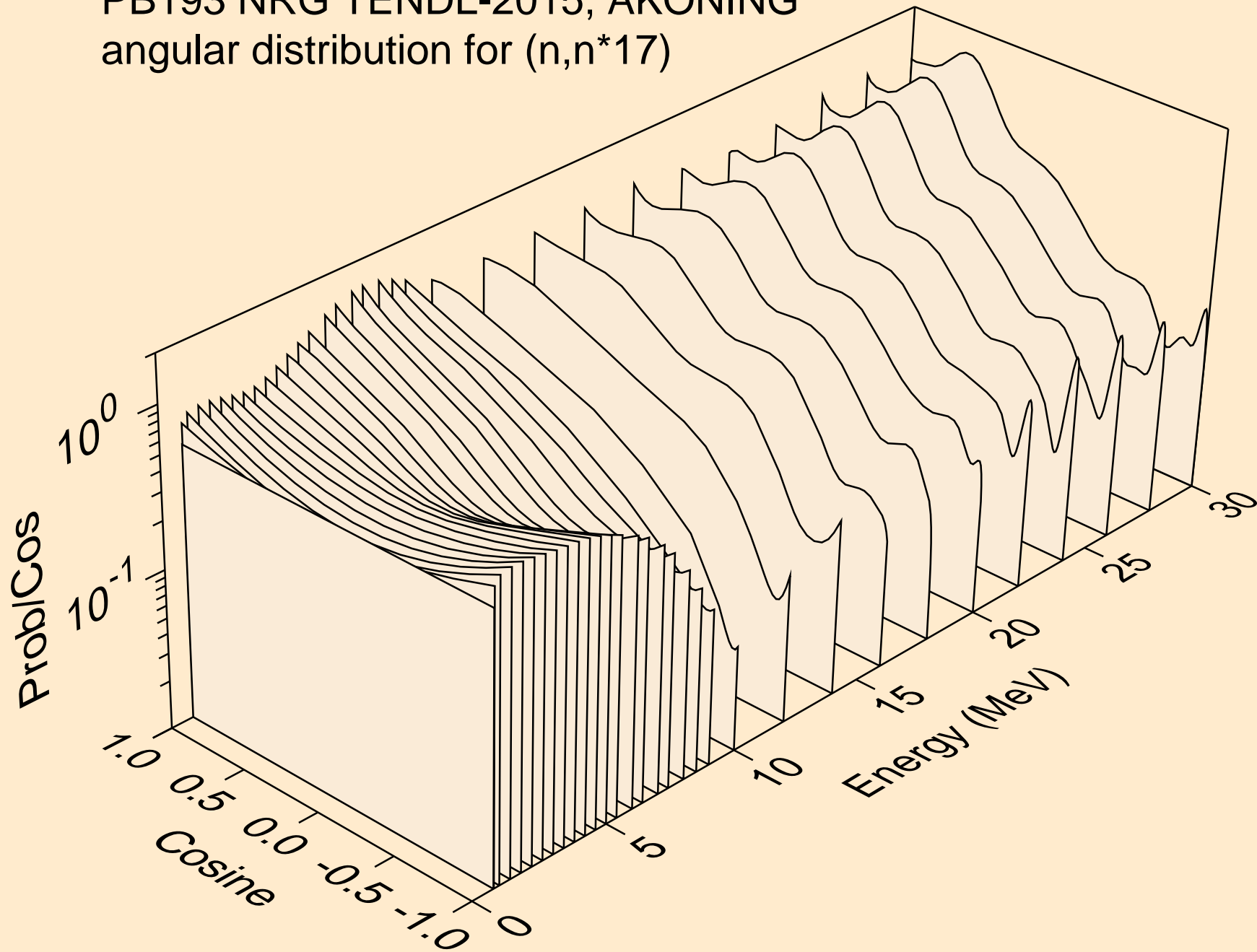
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



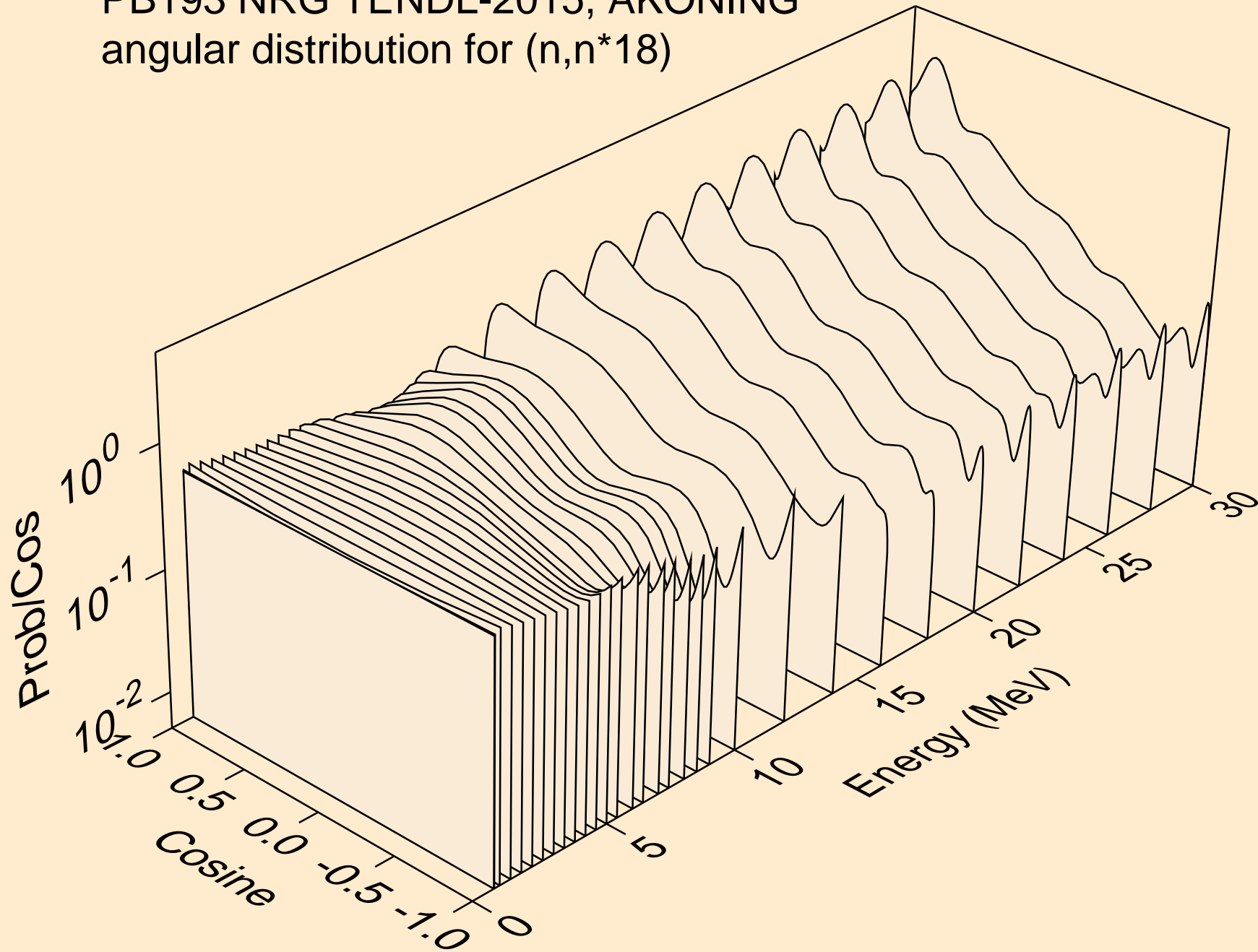
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



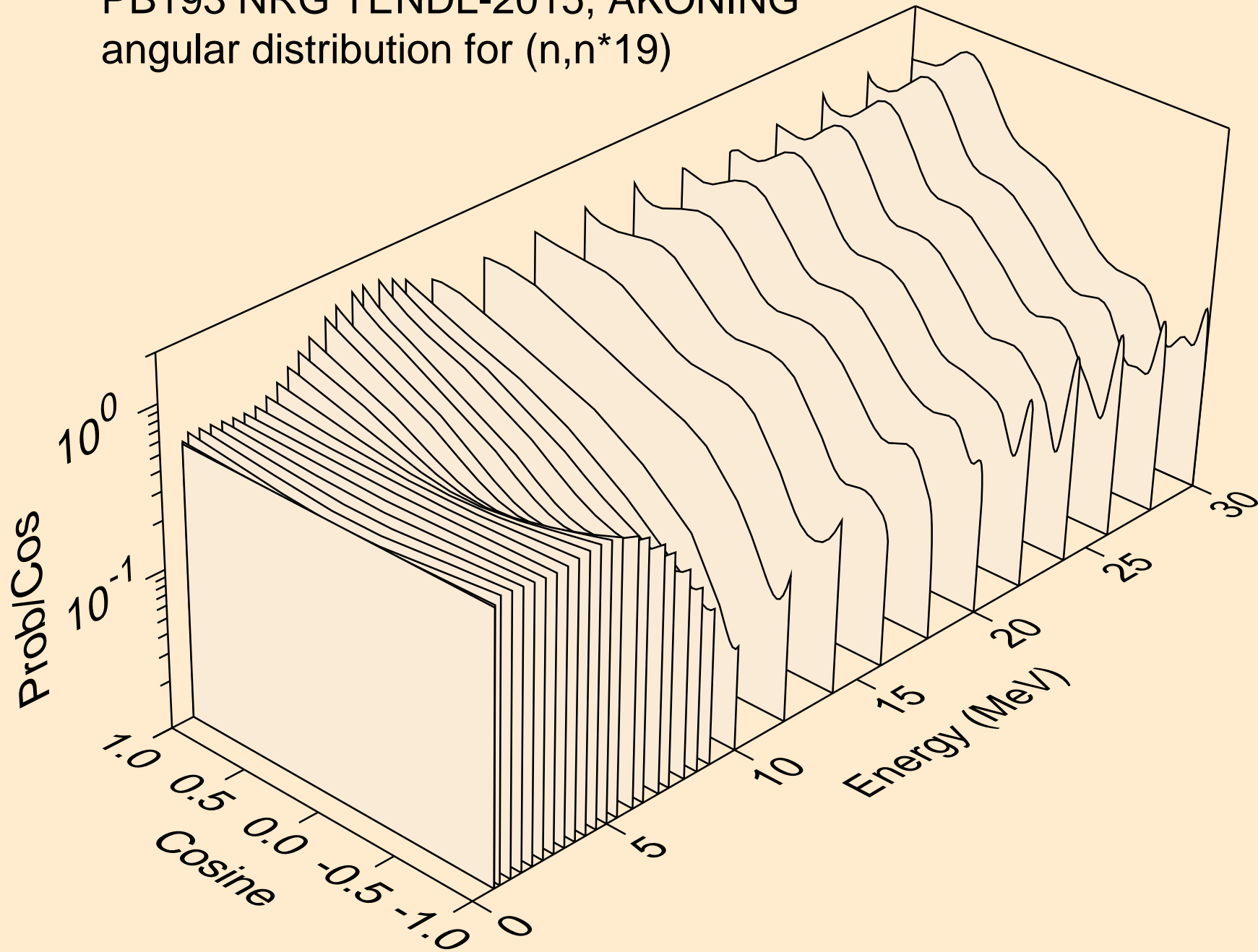
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



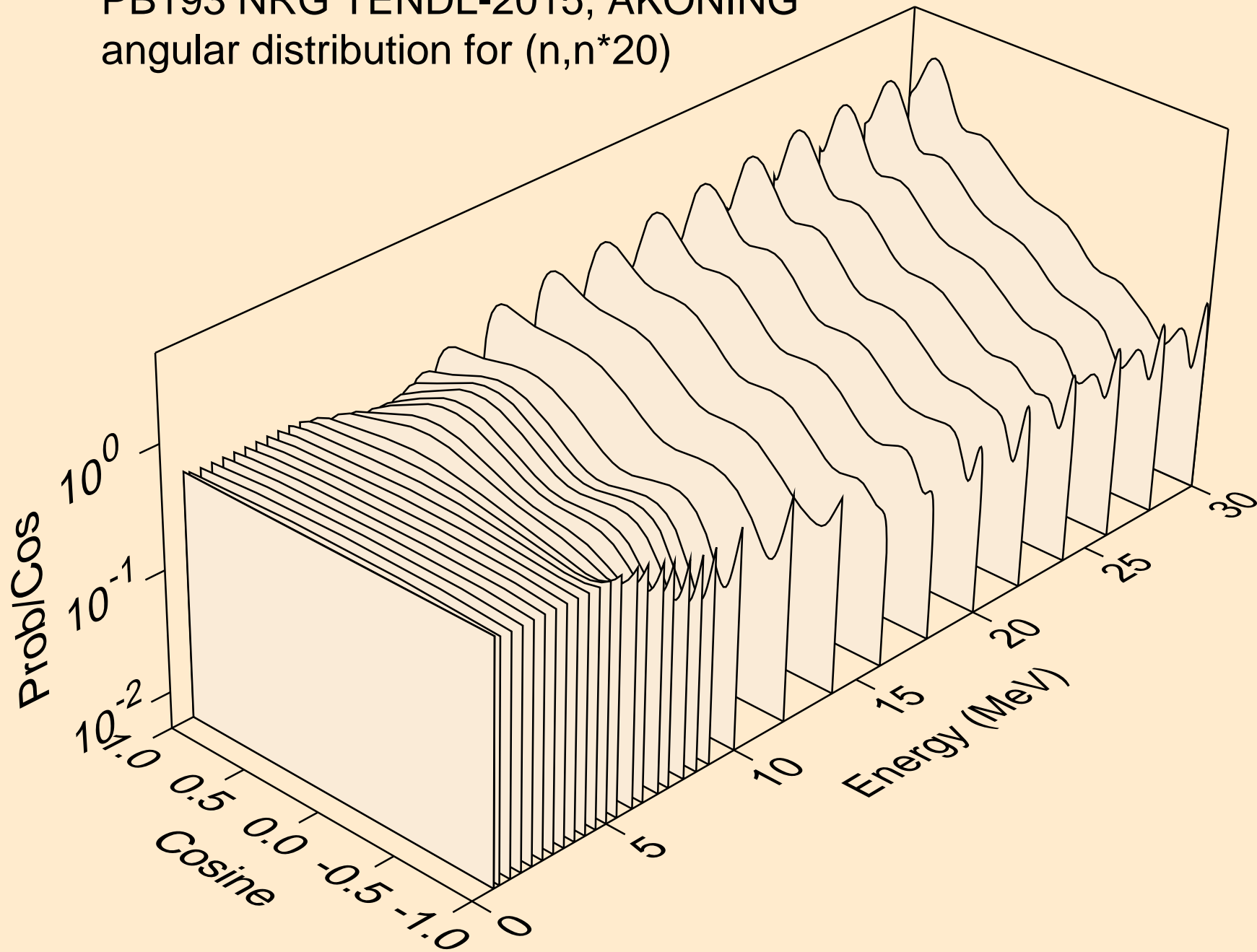
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



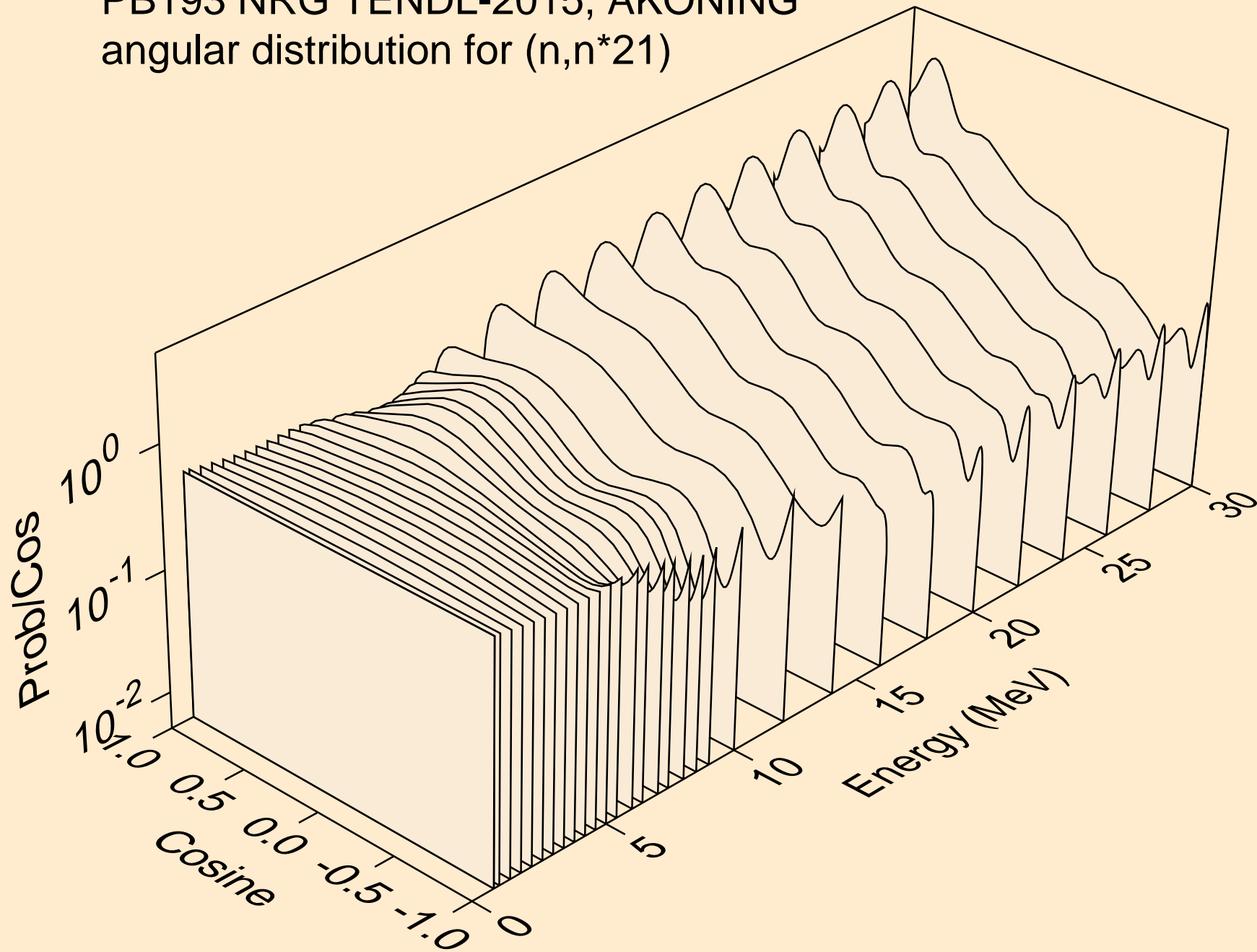
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



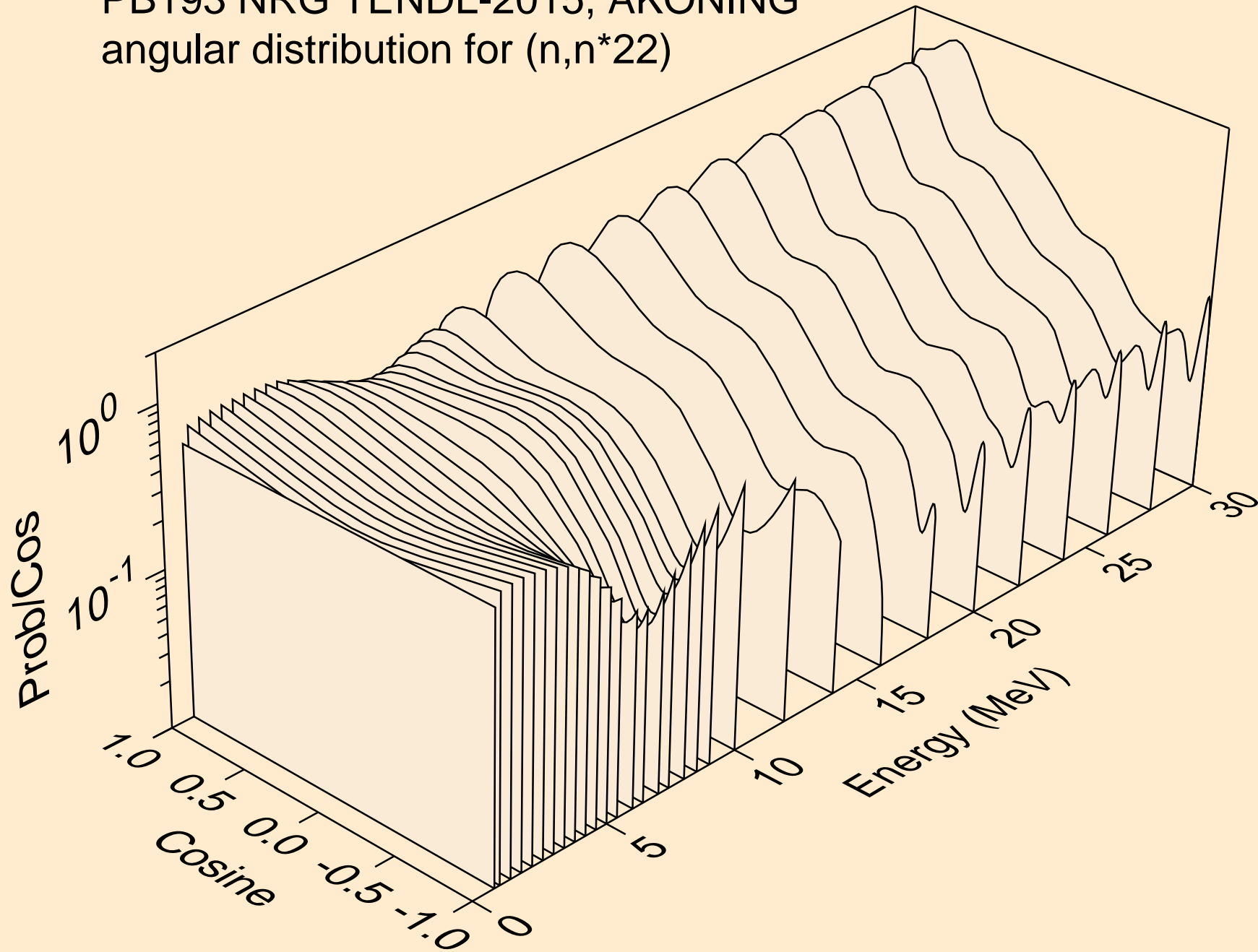
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

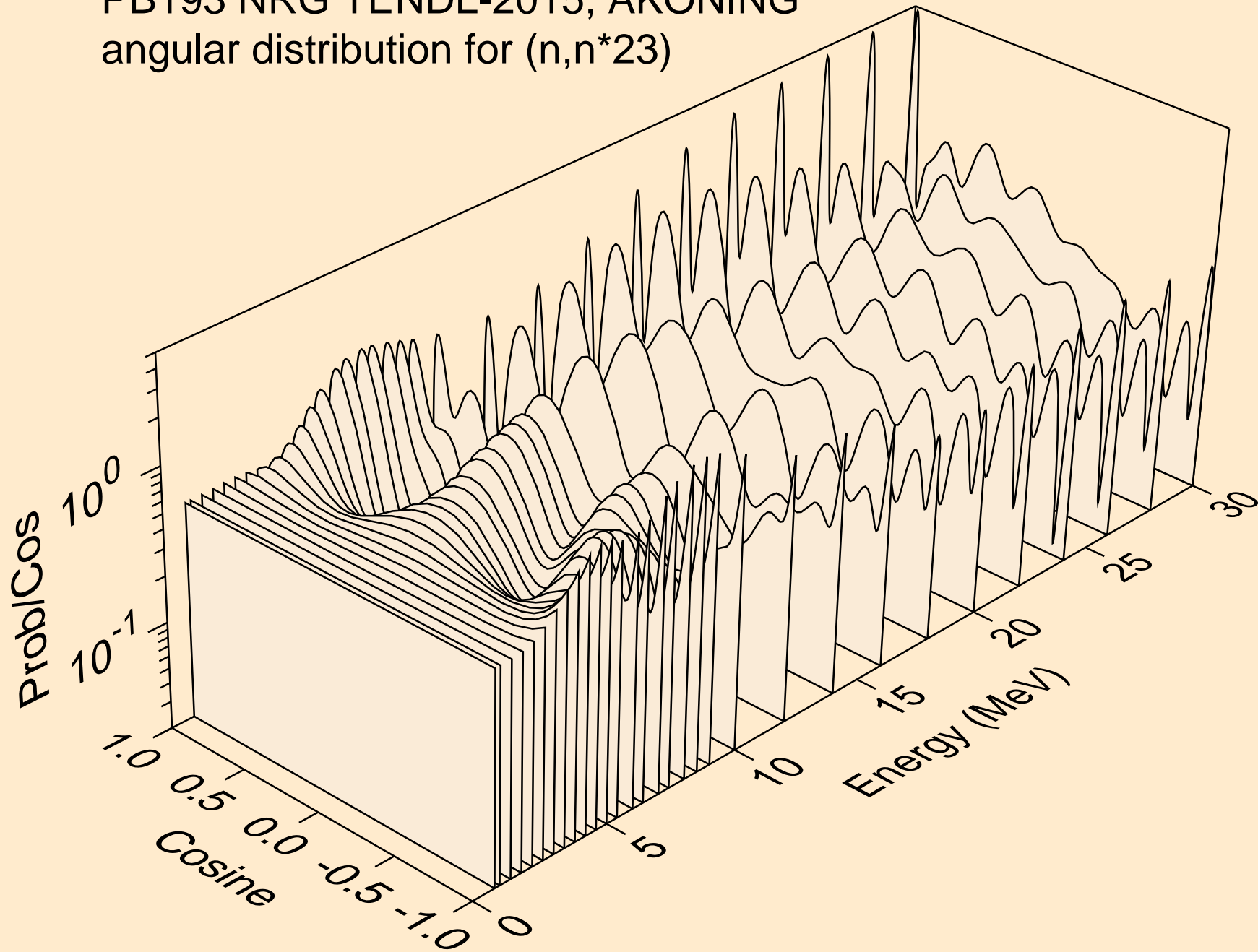


PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

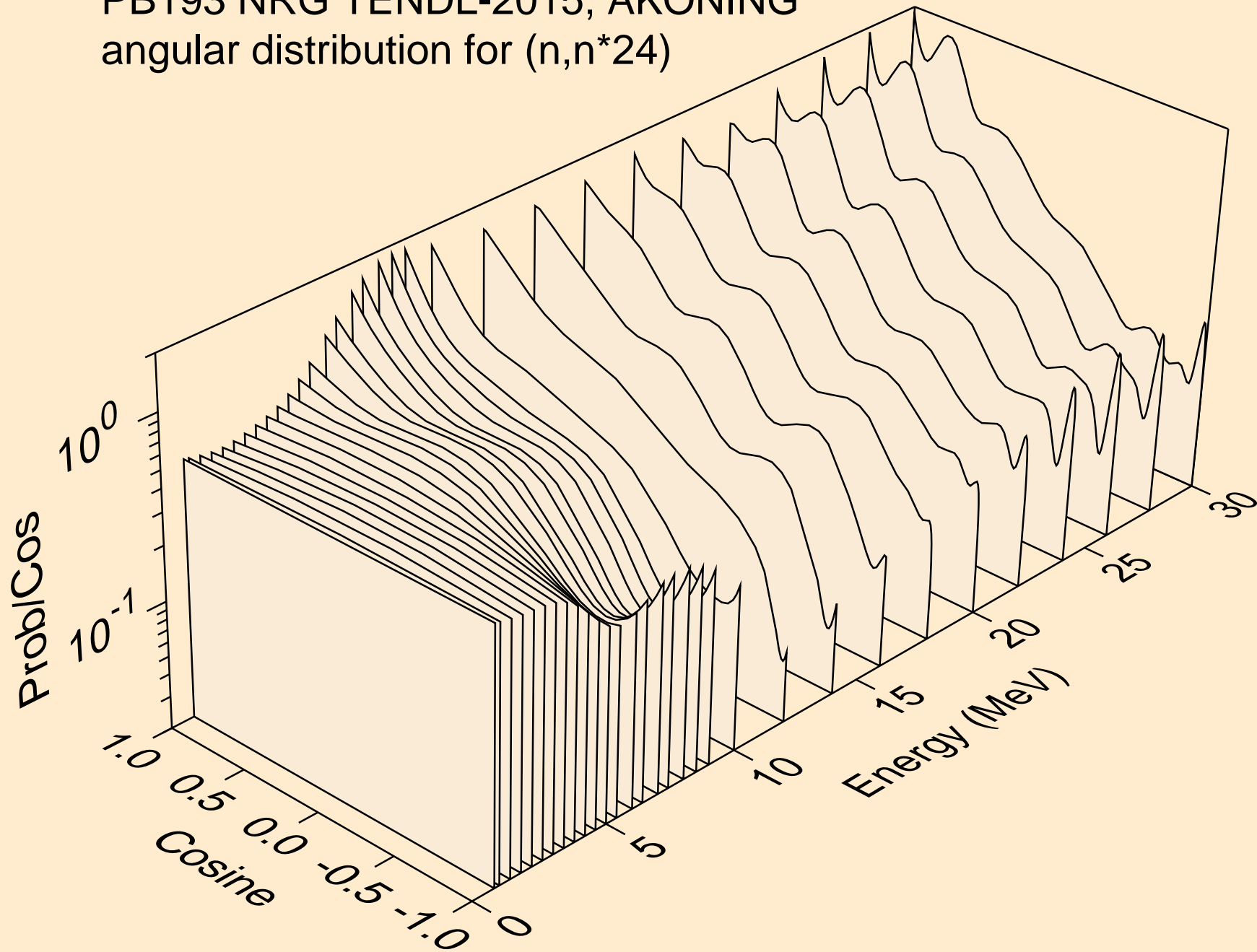




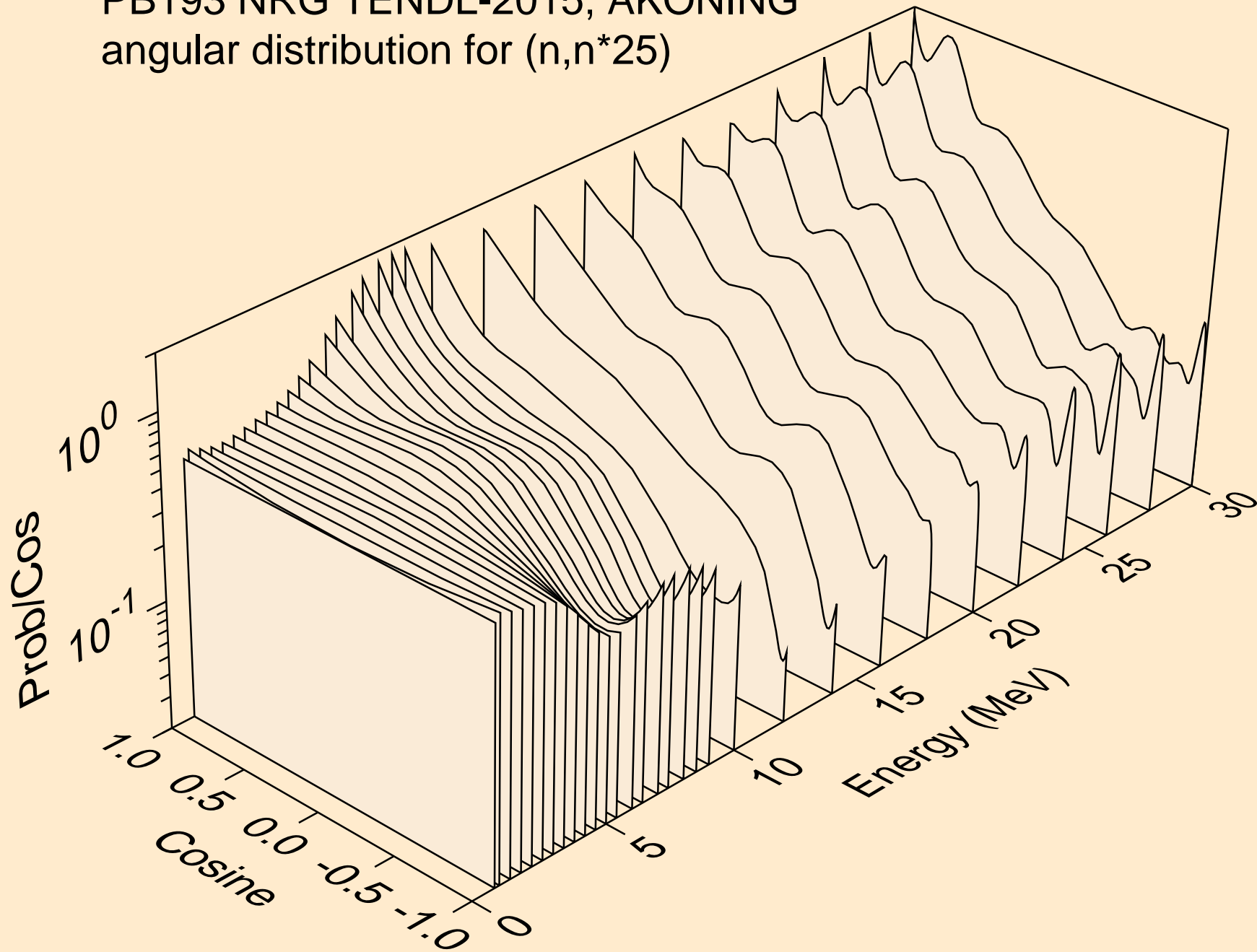
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



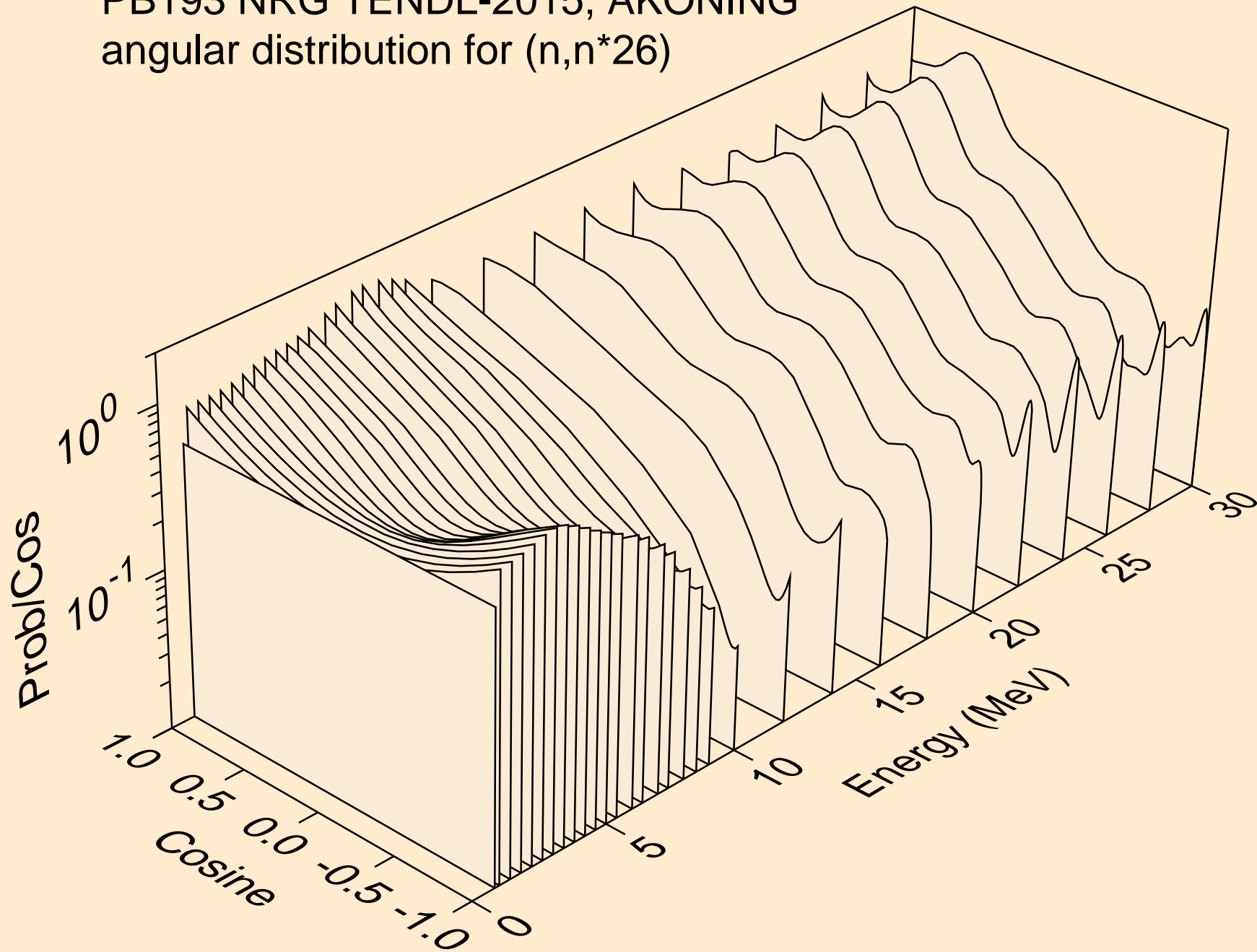
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



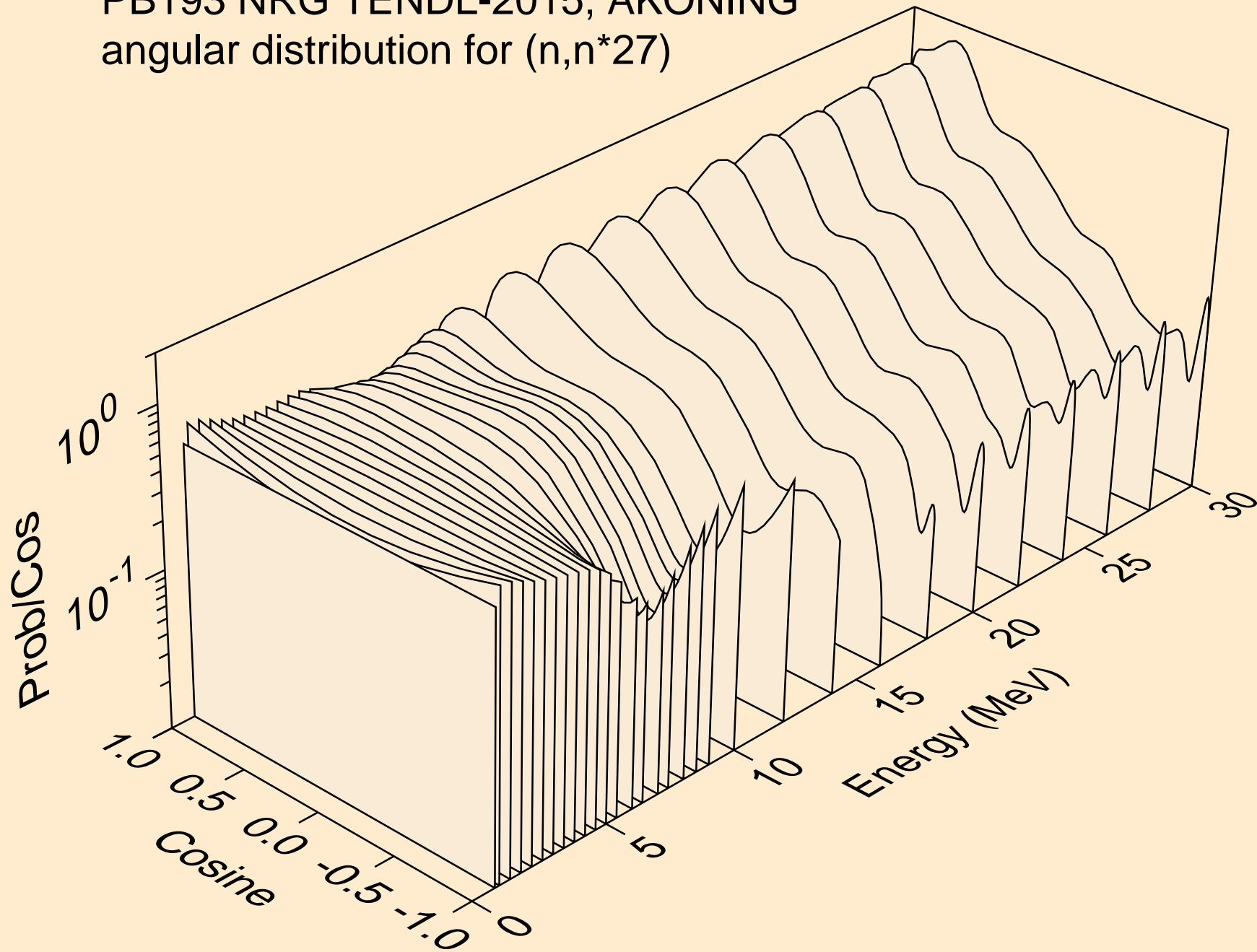
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



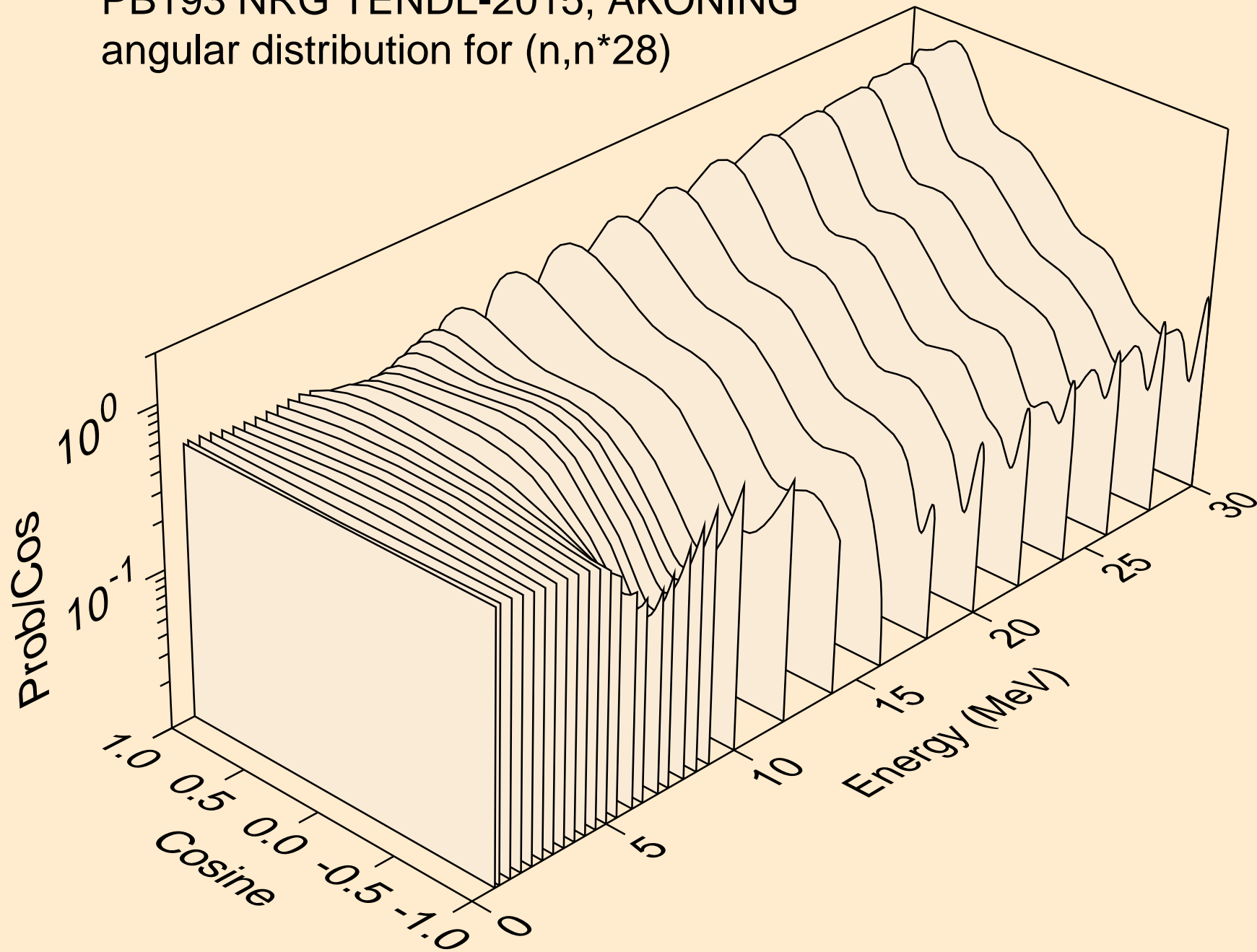
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



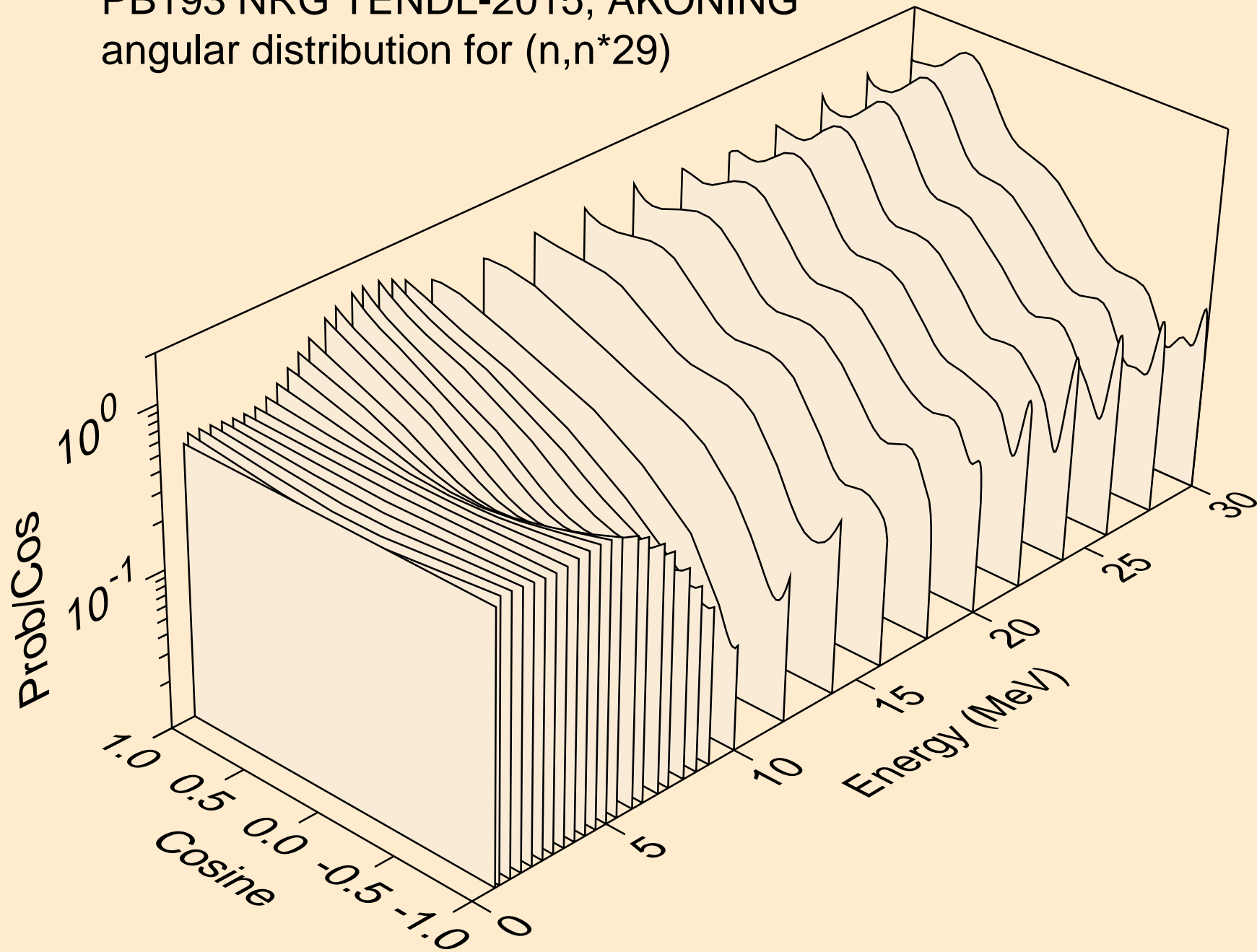
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



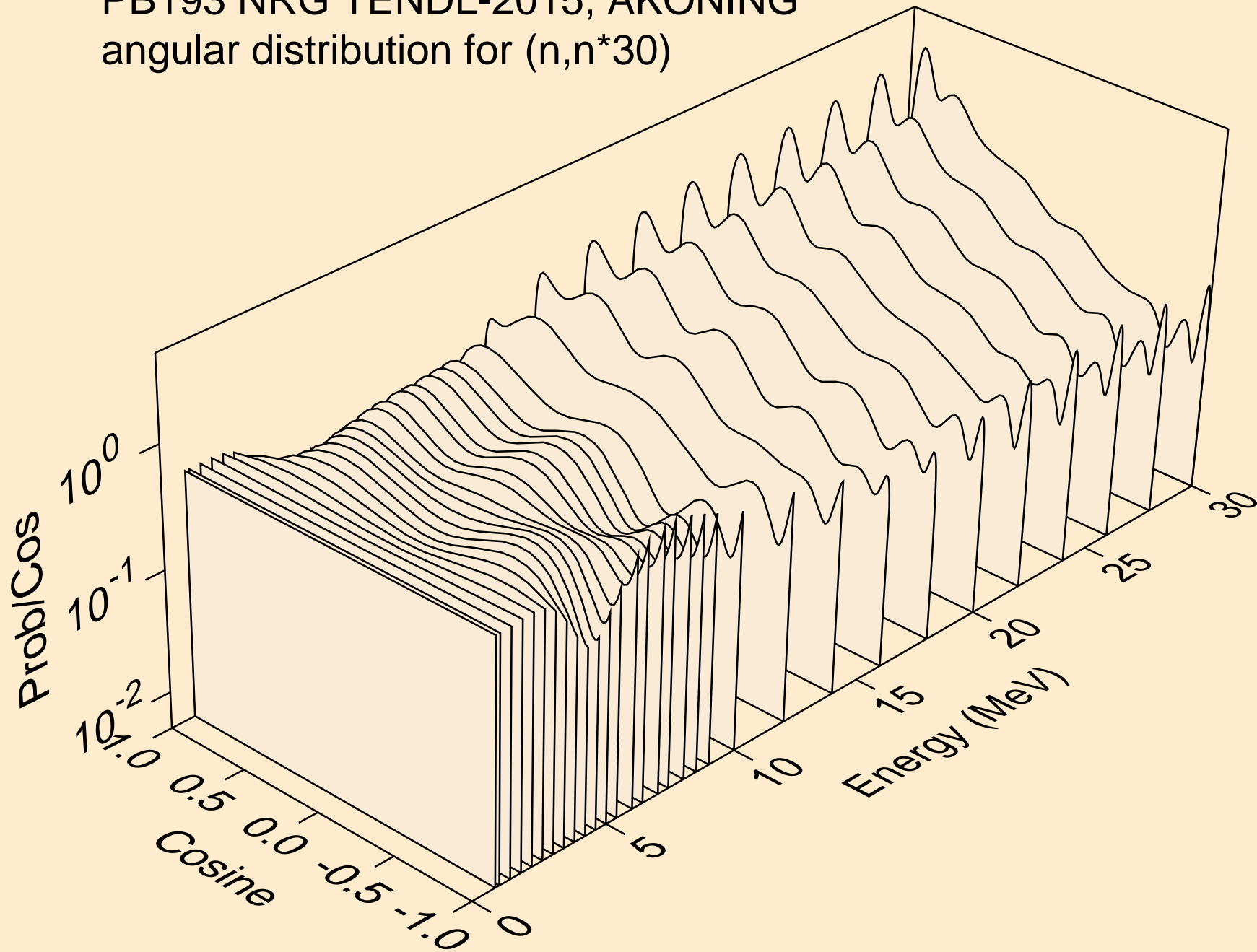
PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

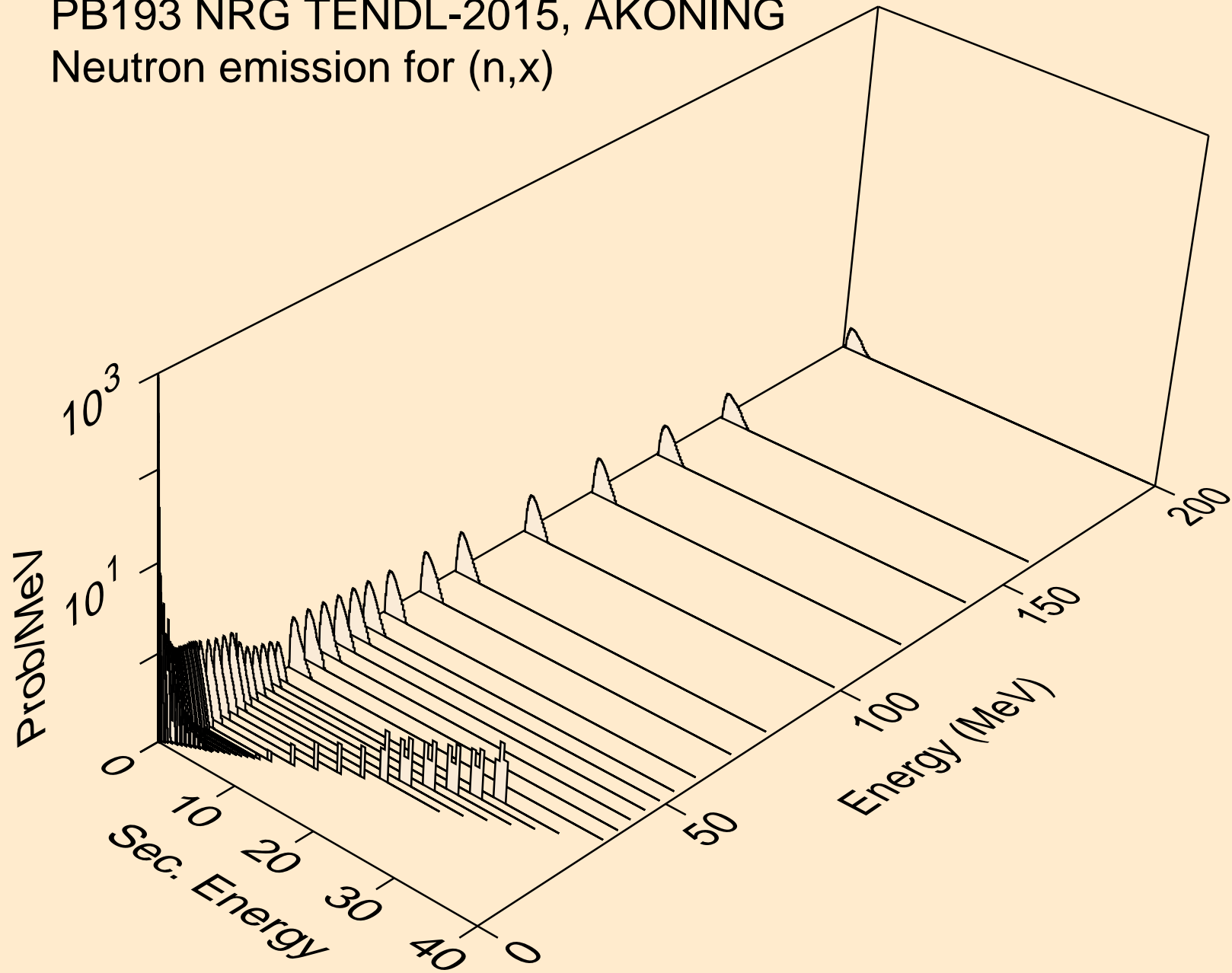


PB193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

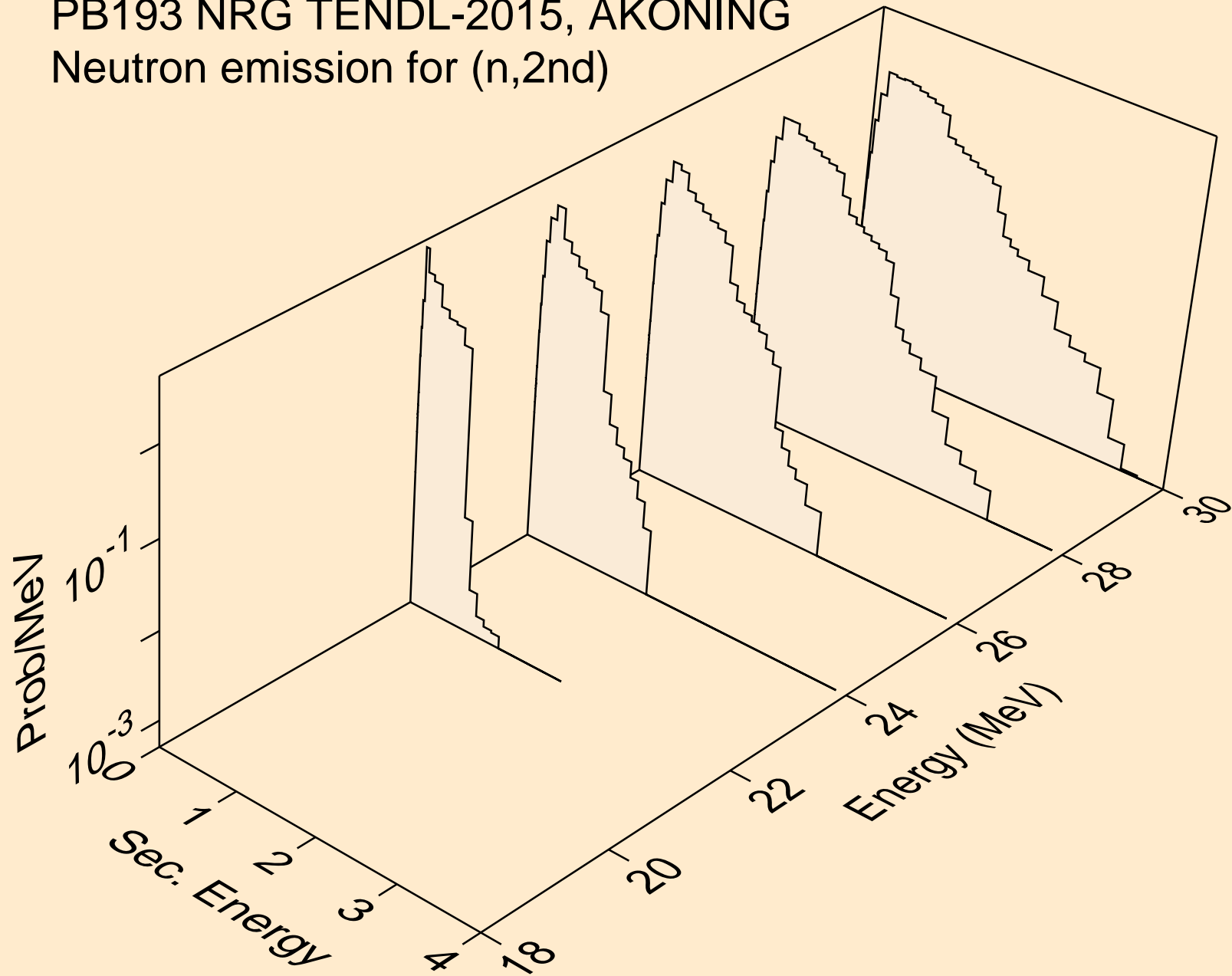




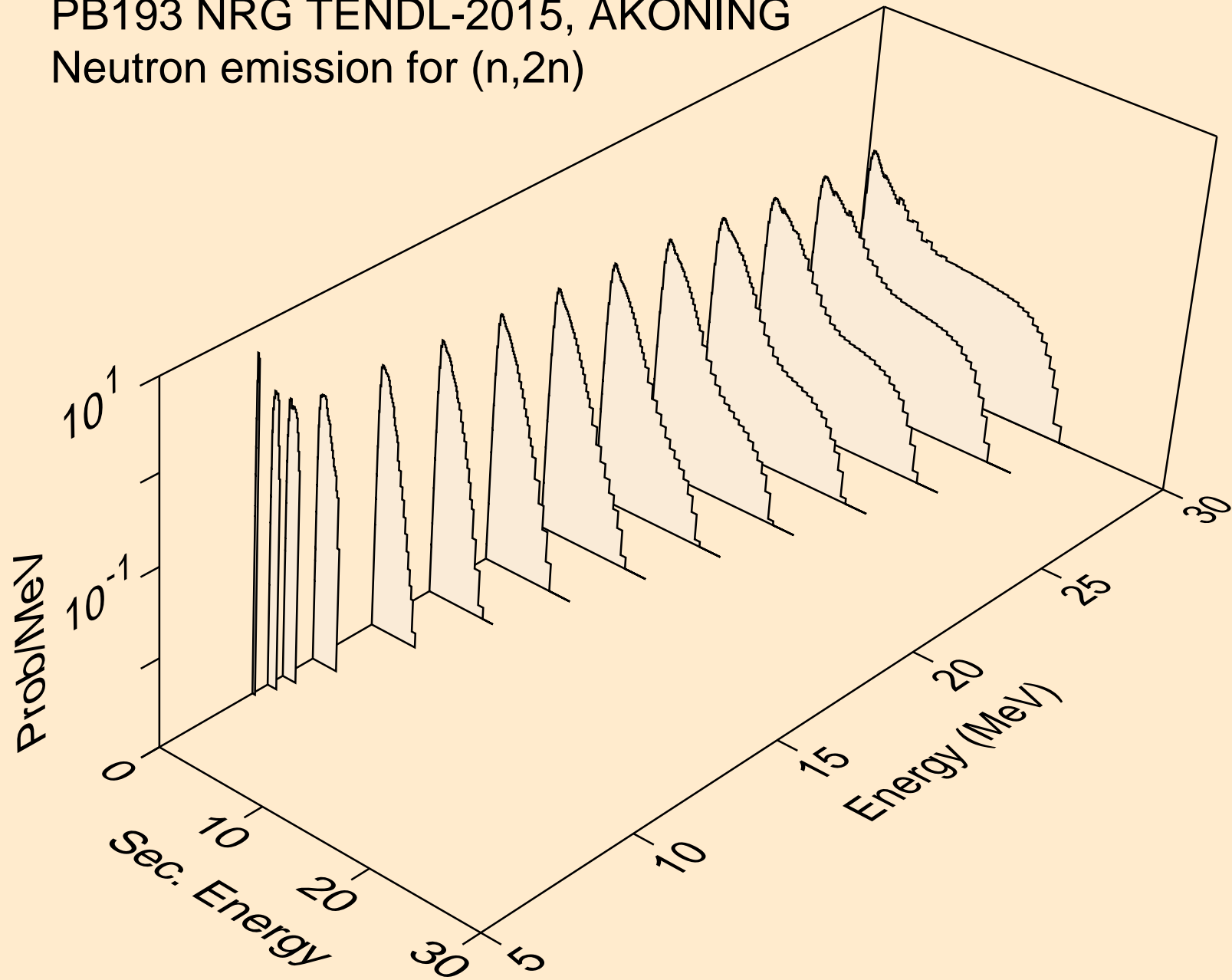
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



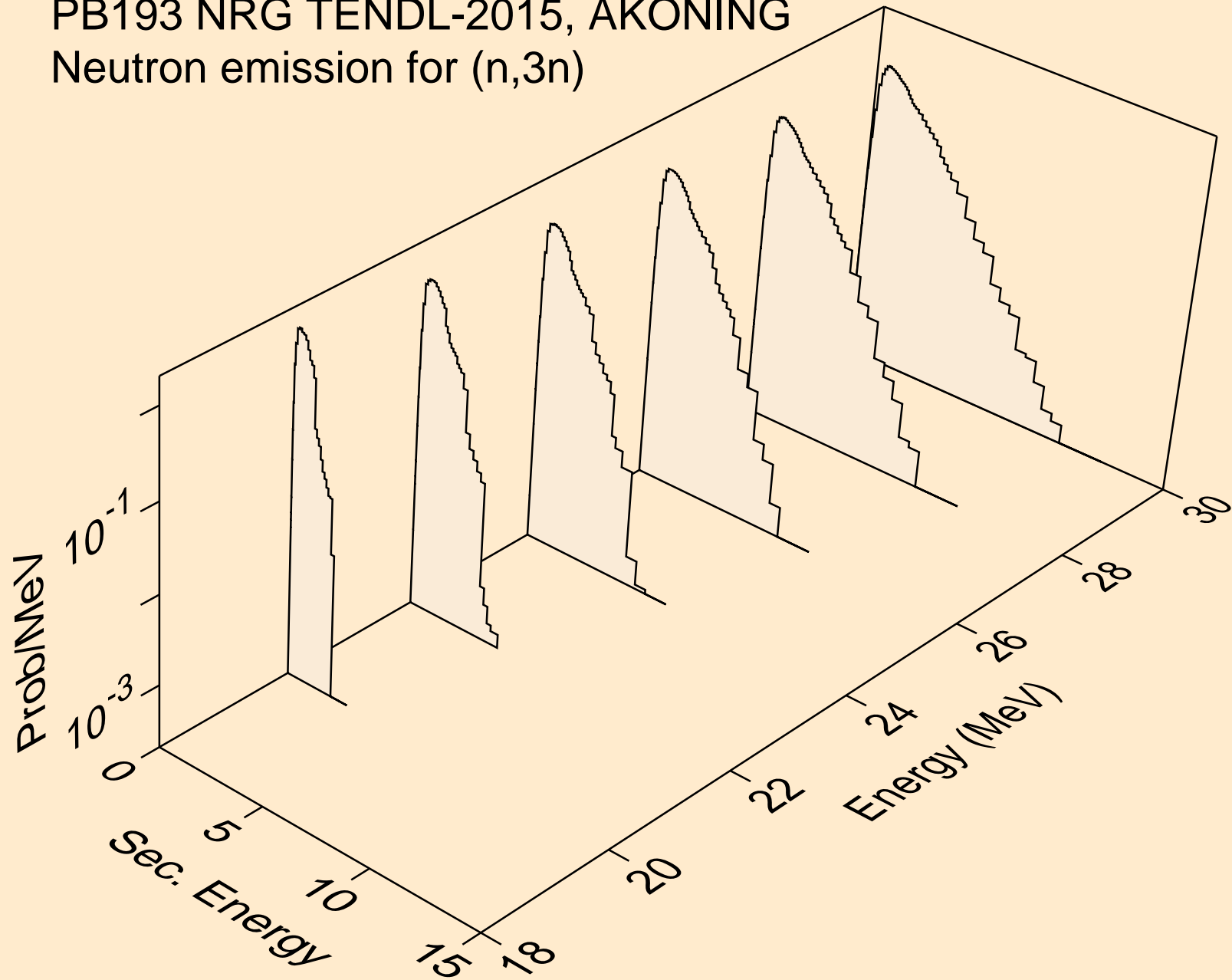
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



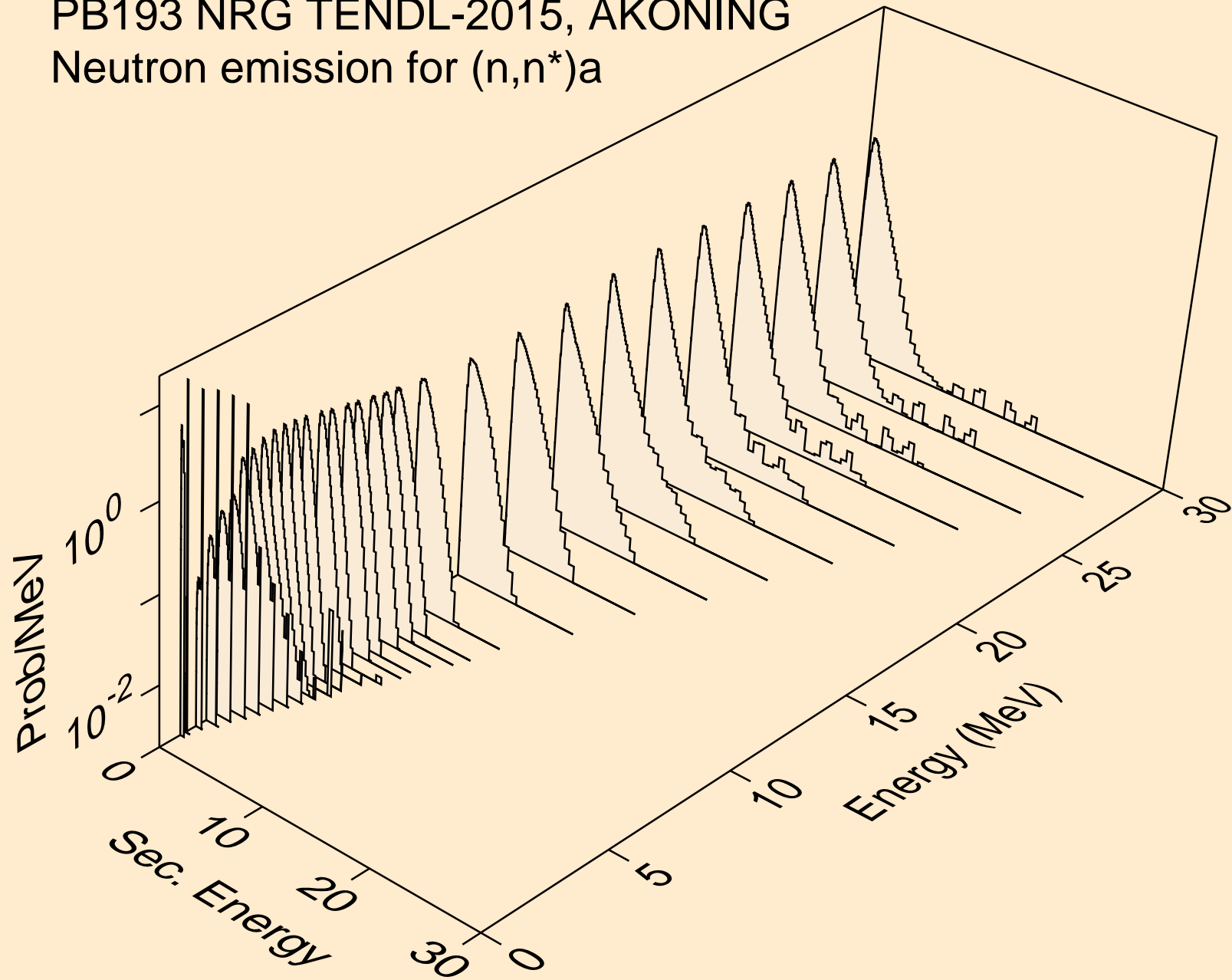
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



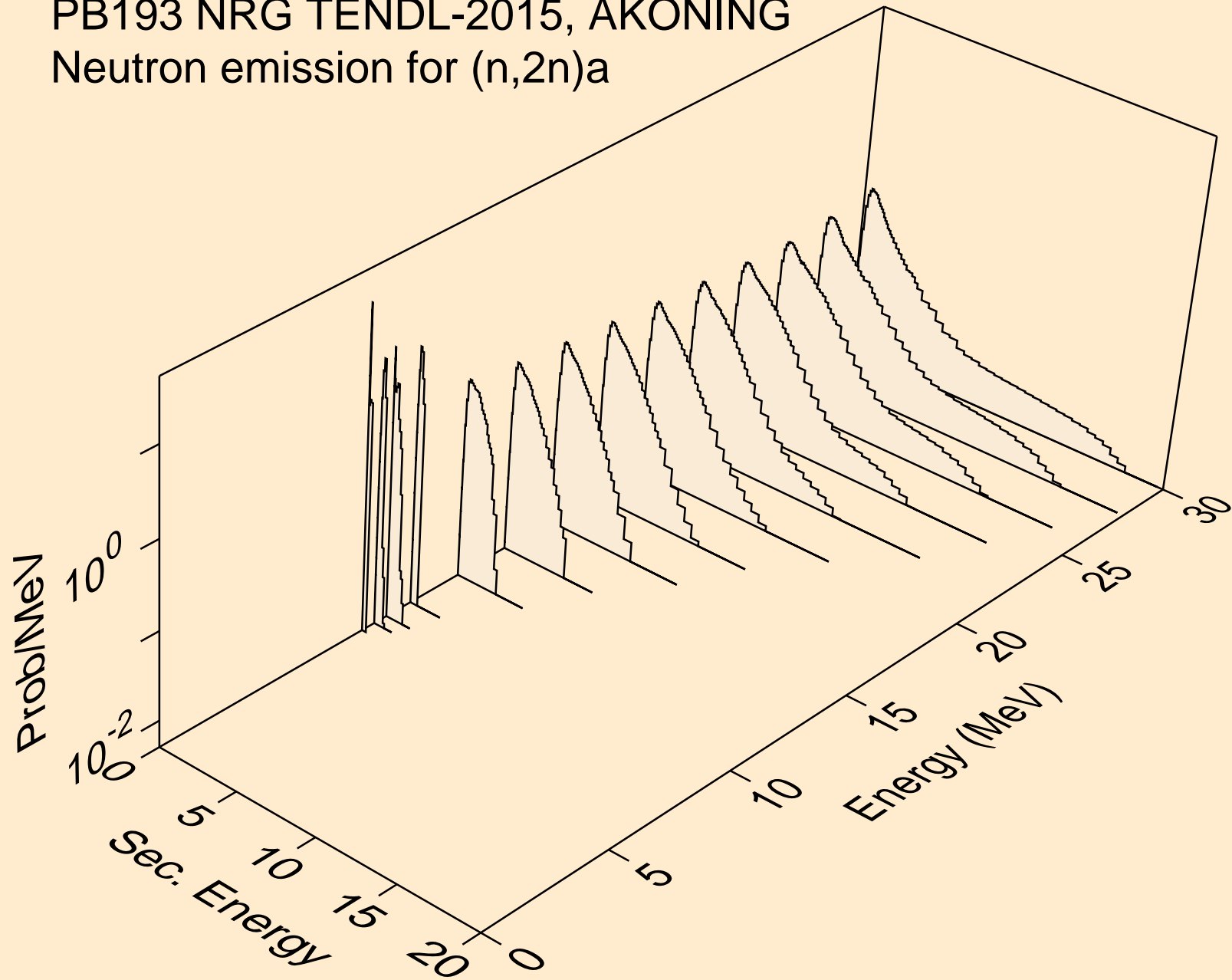
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



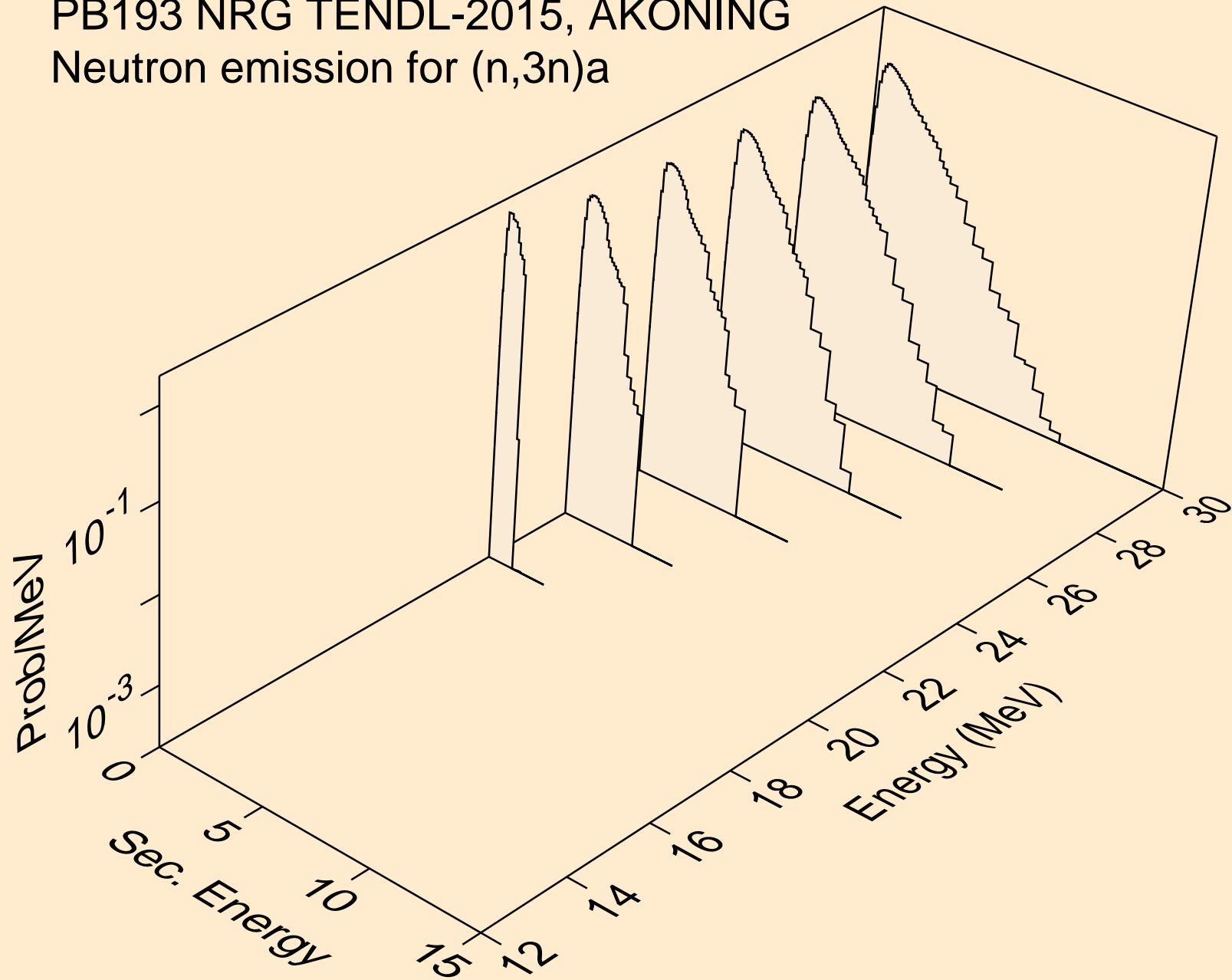
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



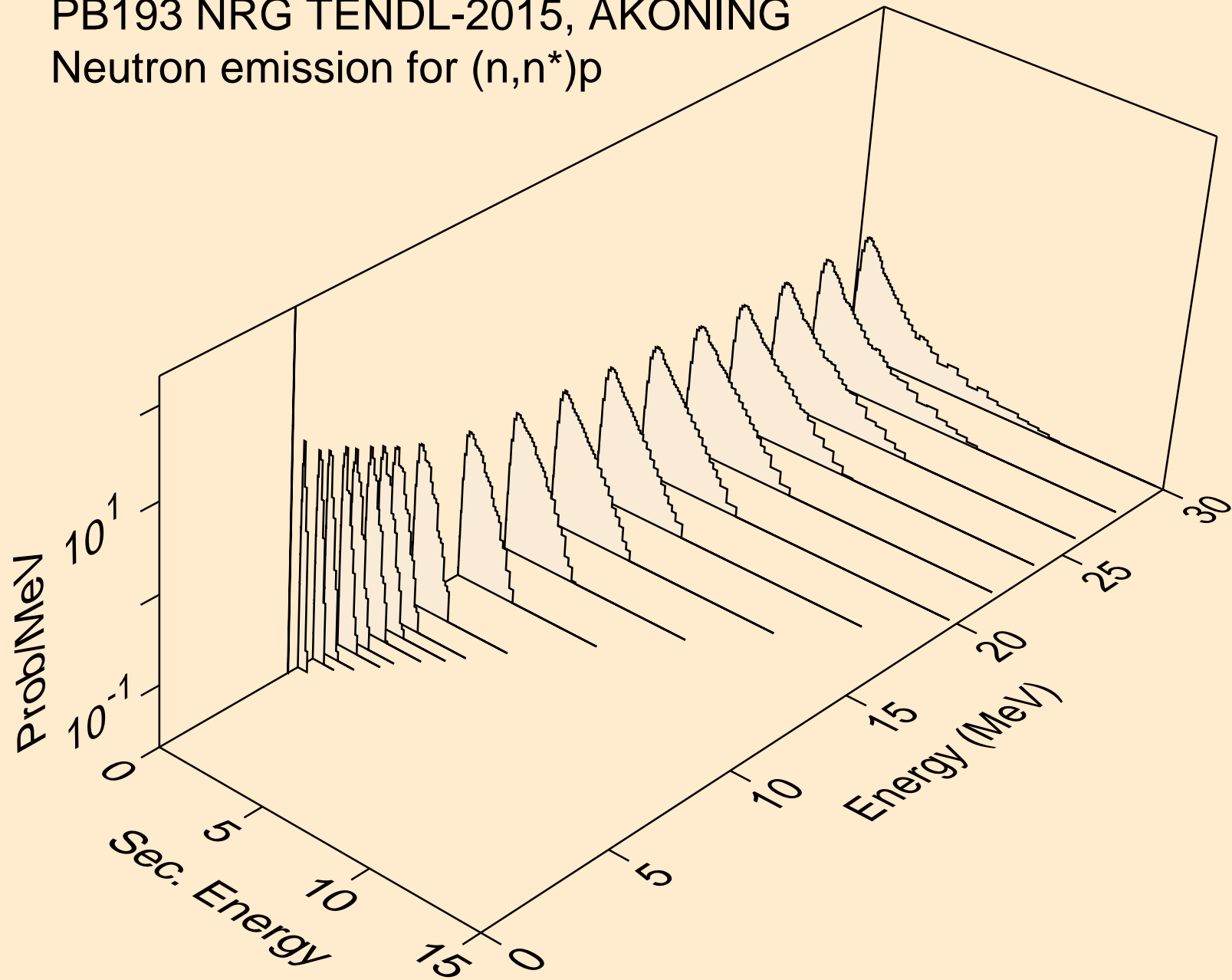
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

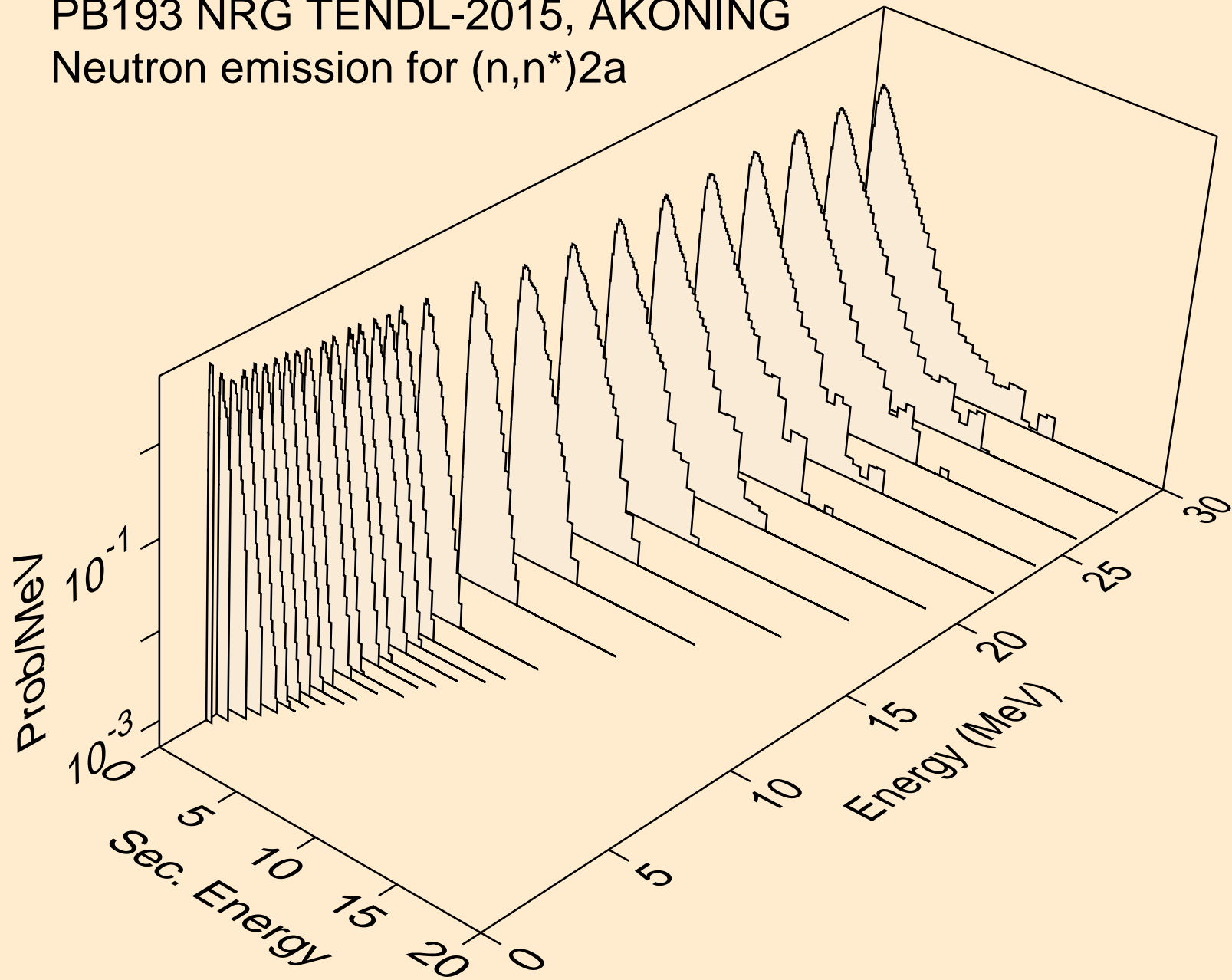


PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

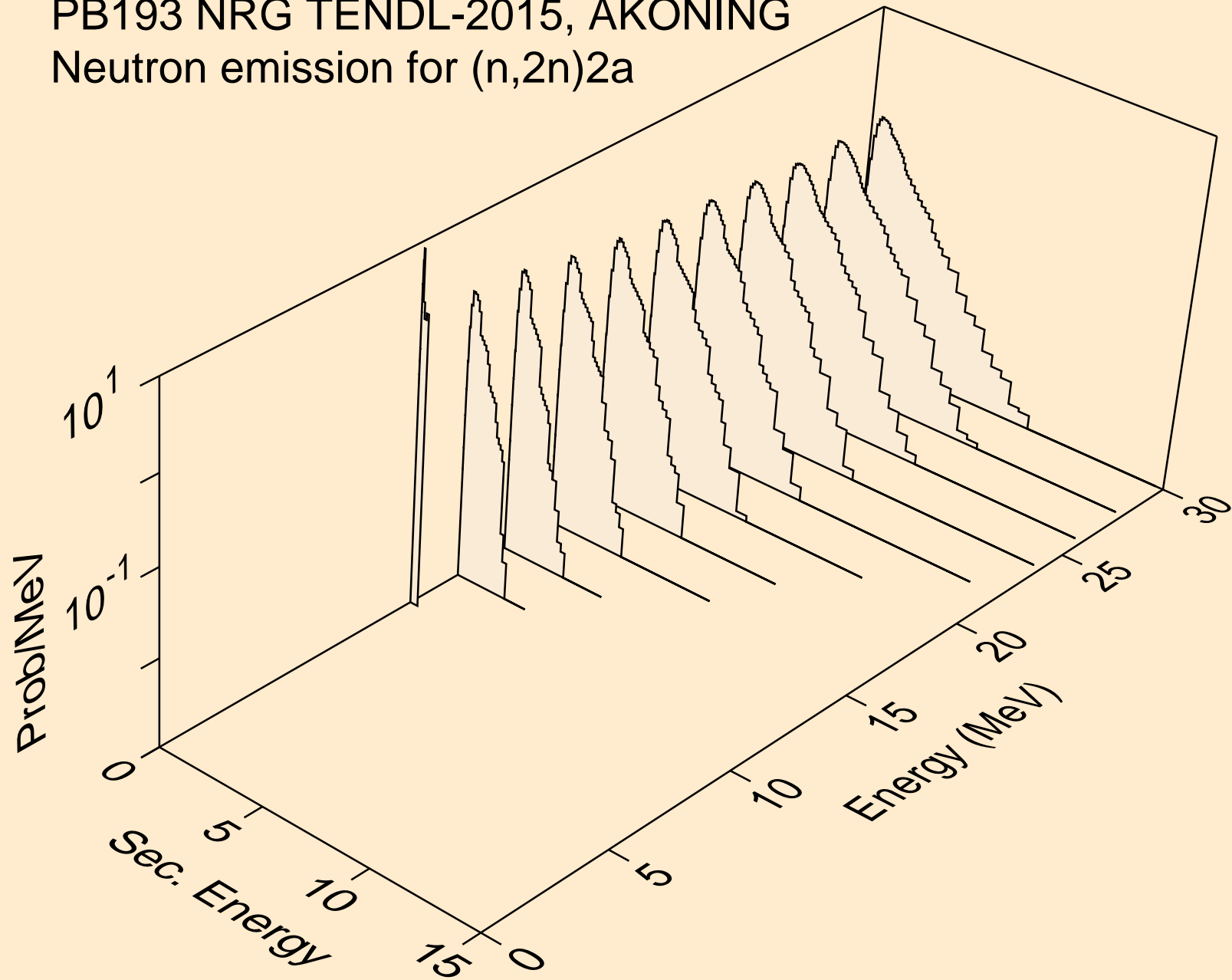




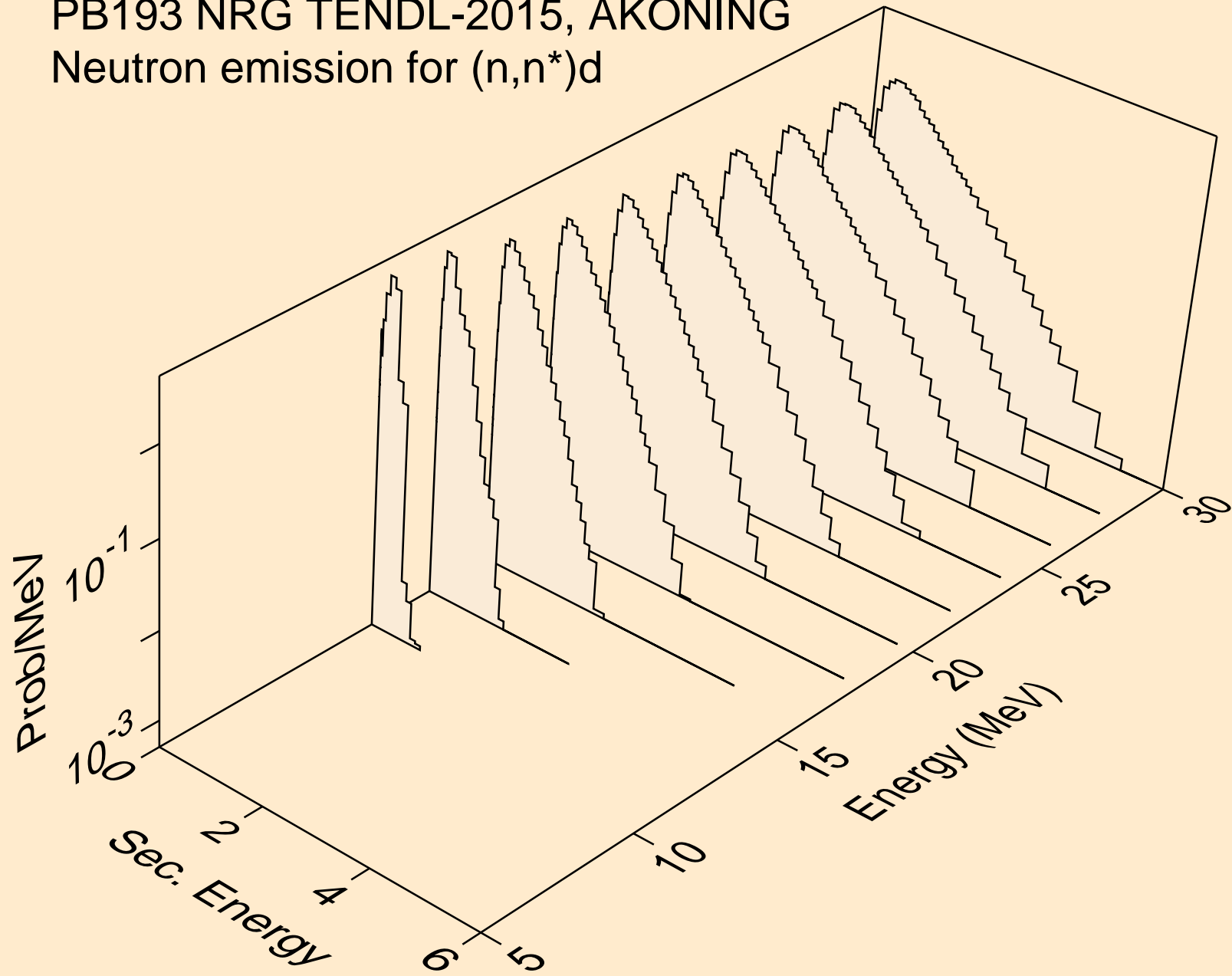
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



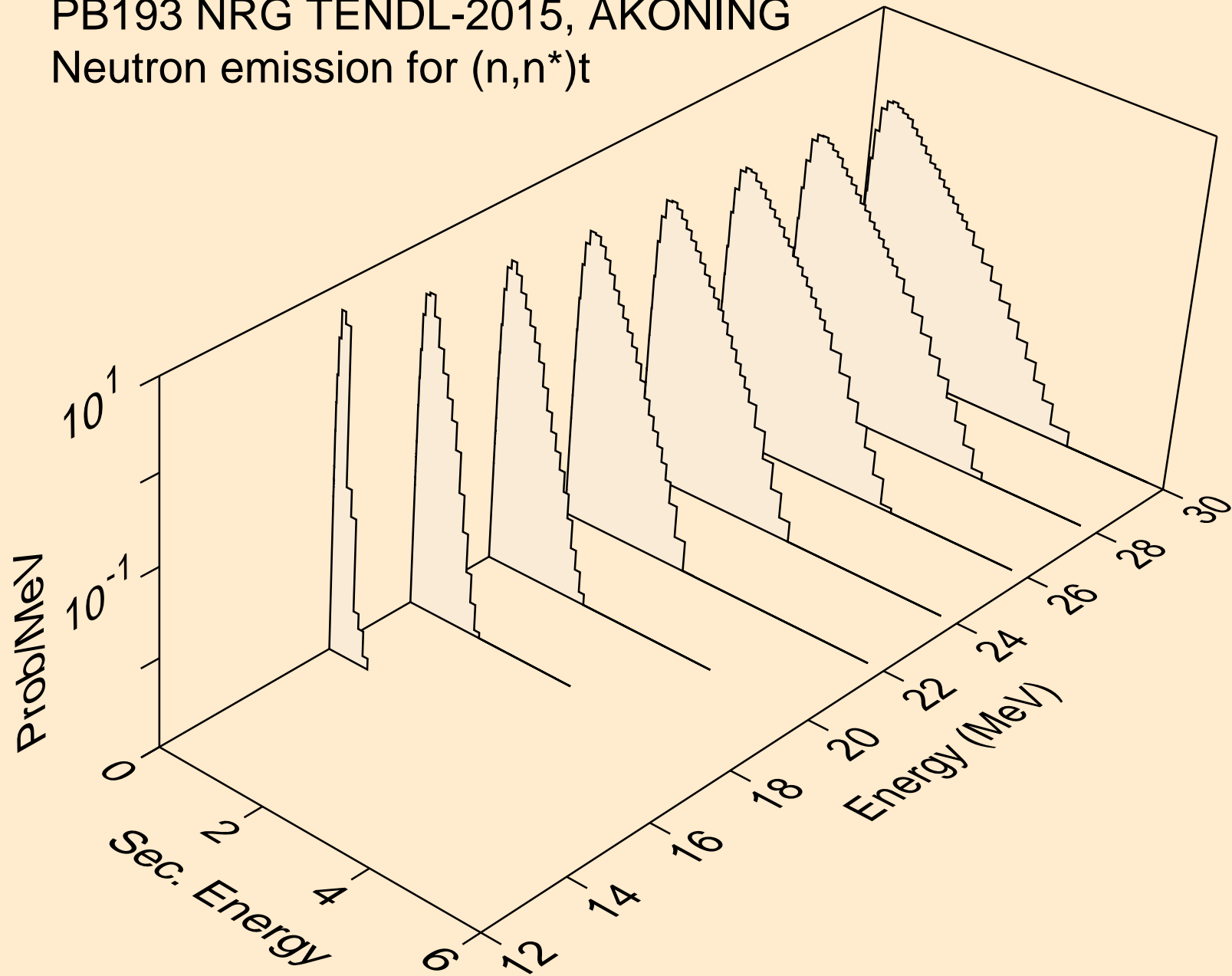
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



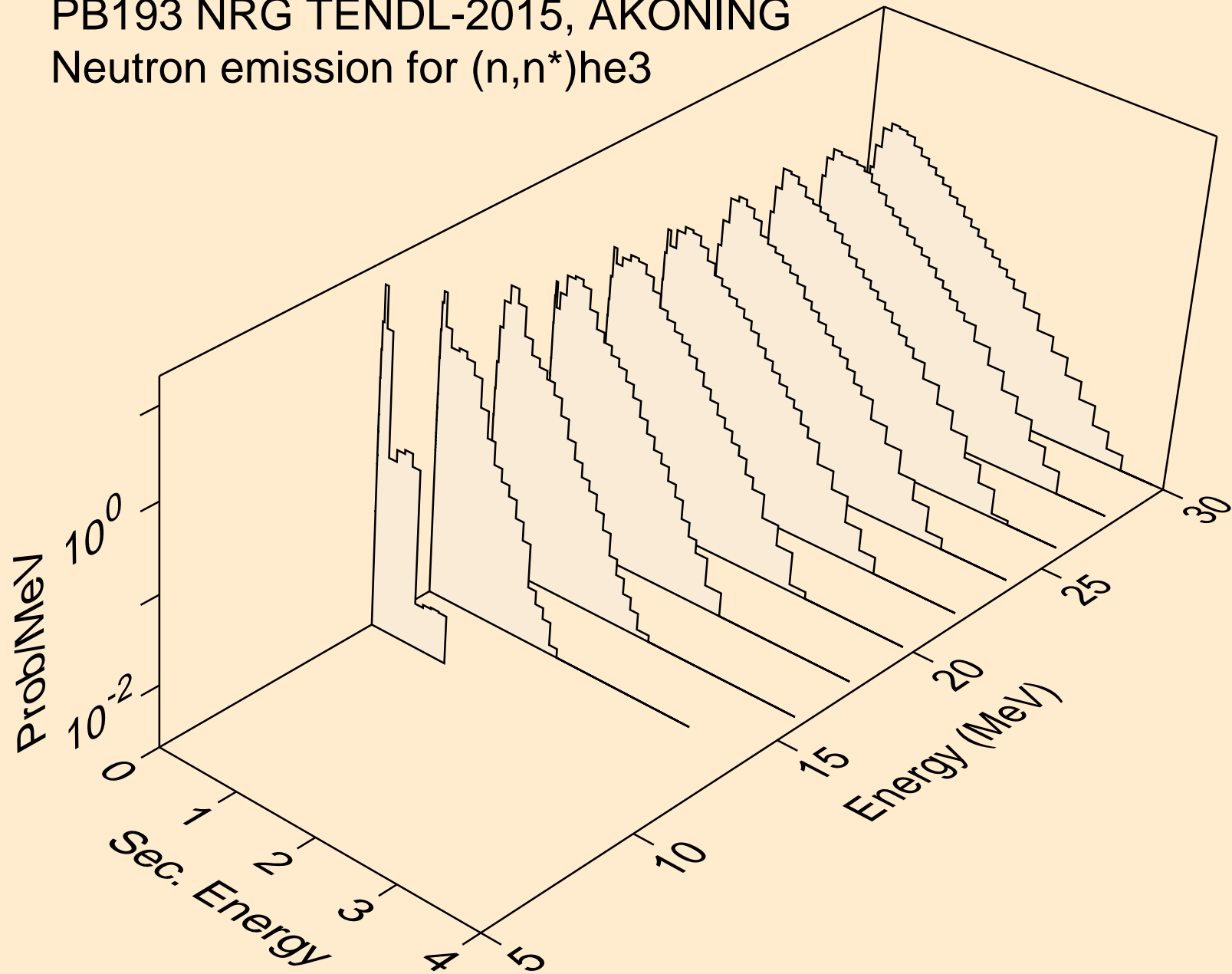
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



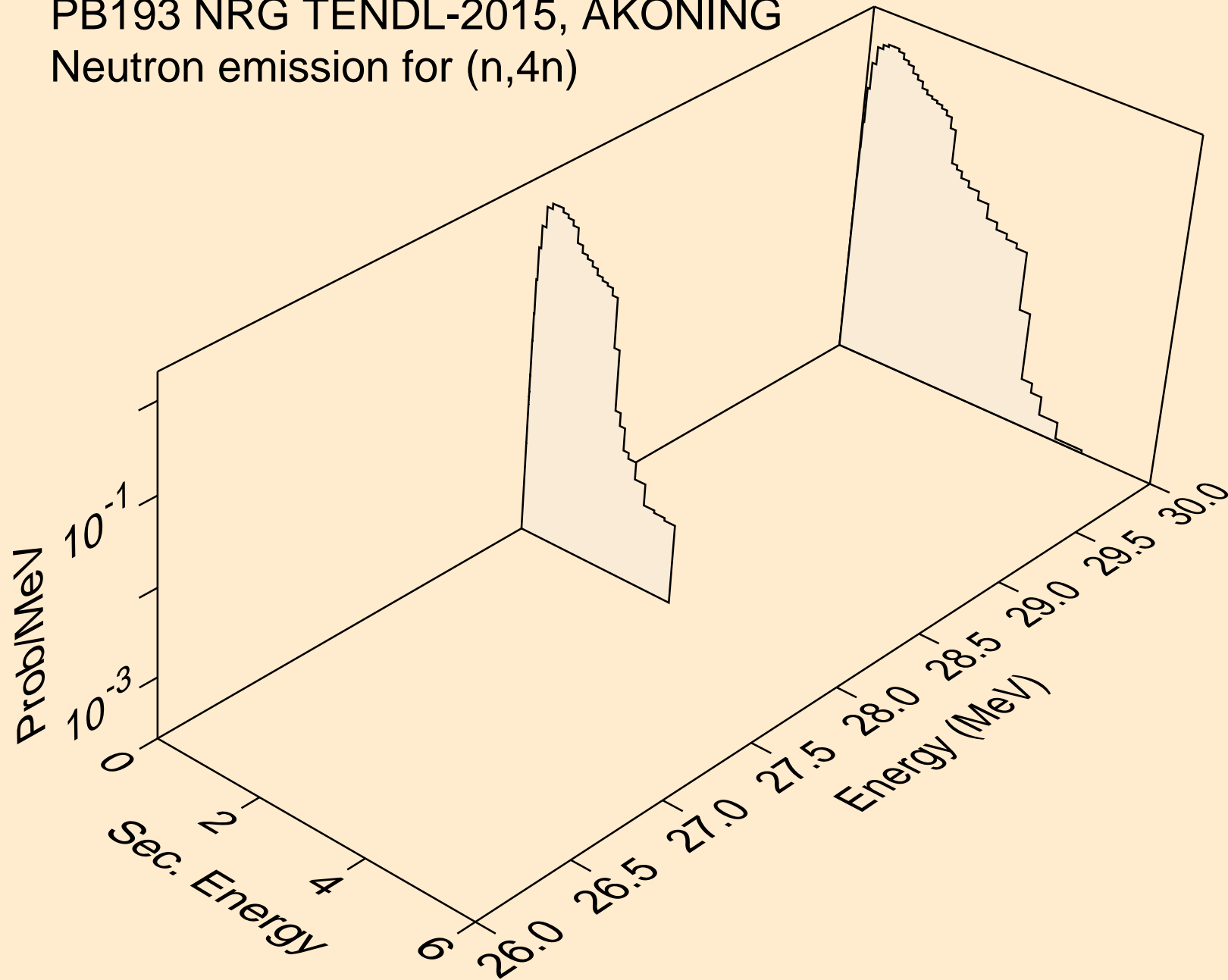
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



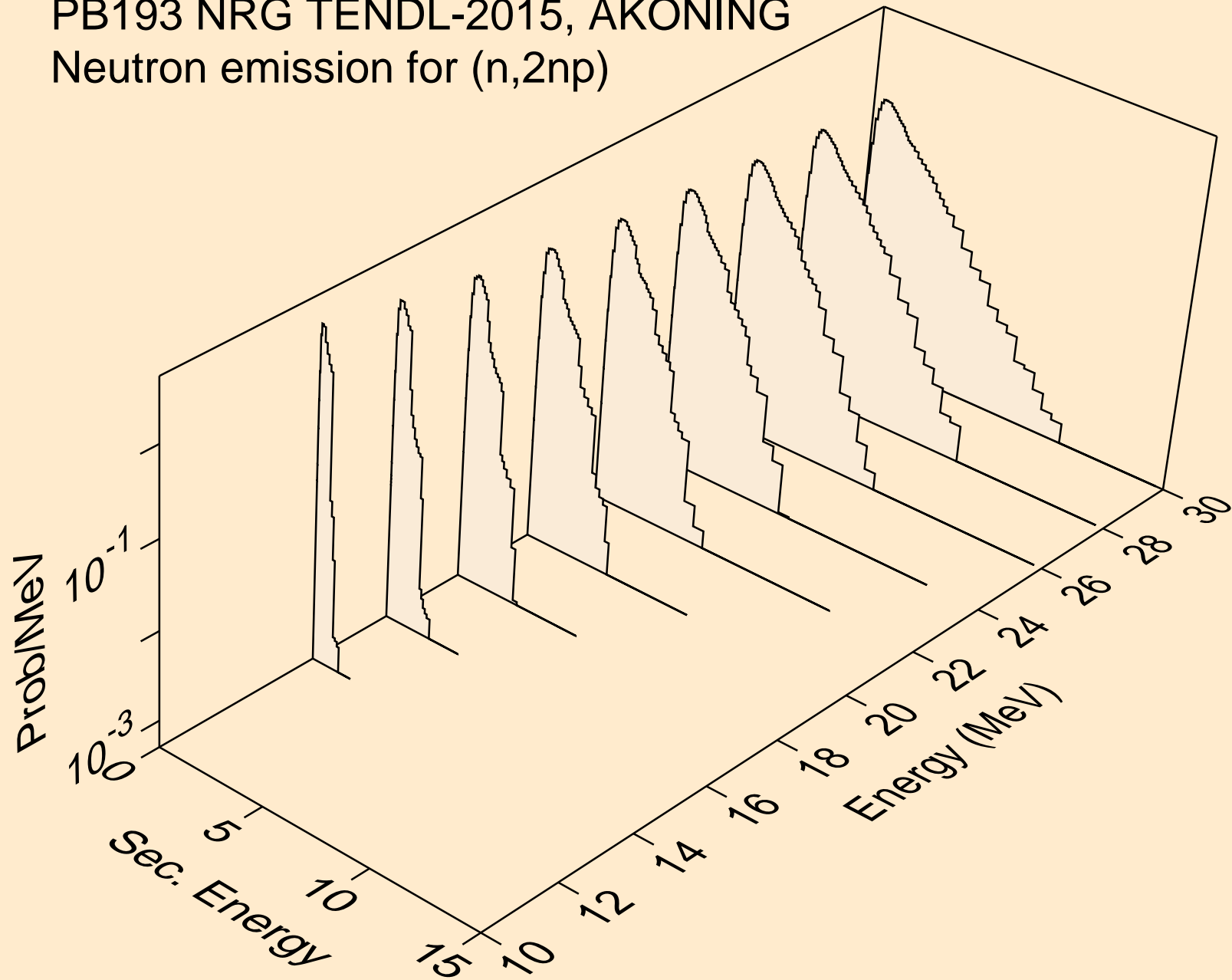
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



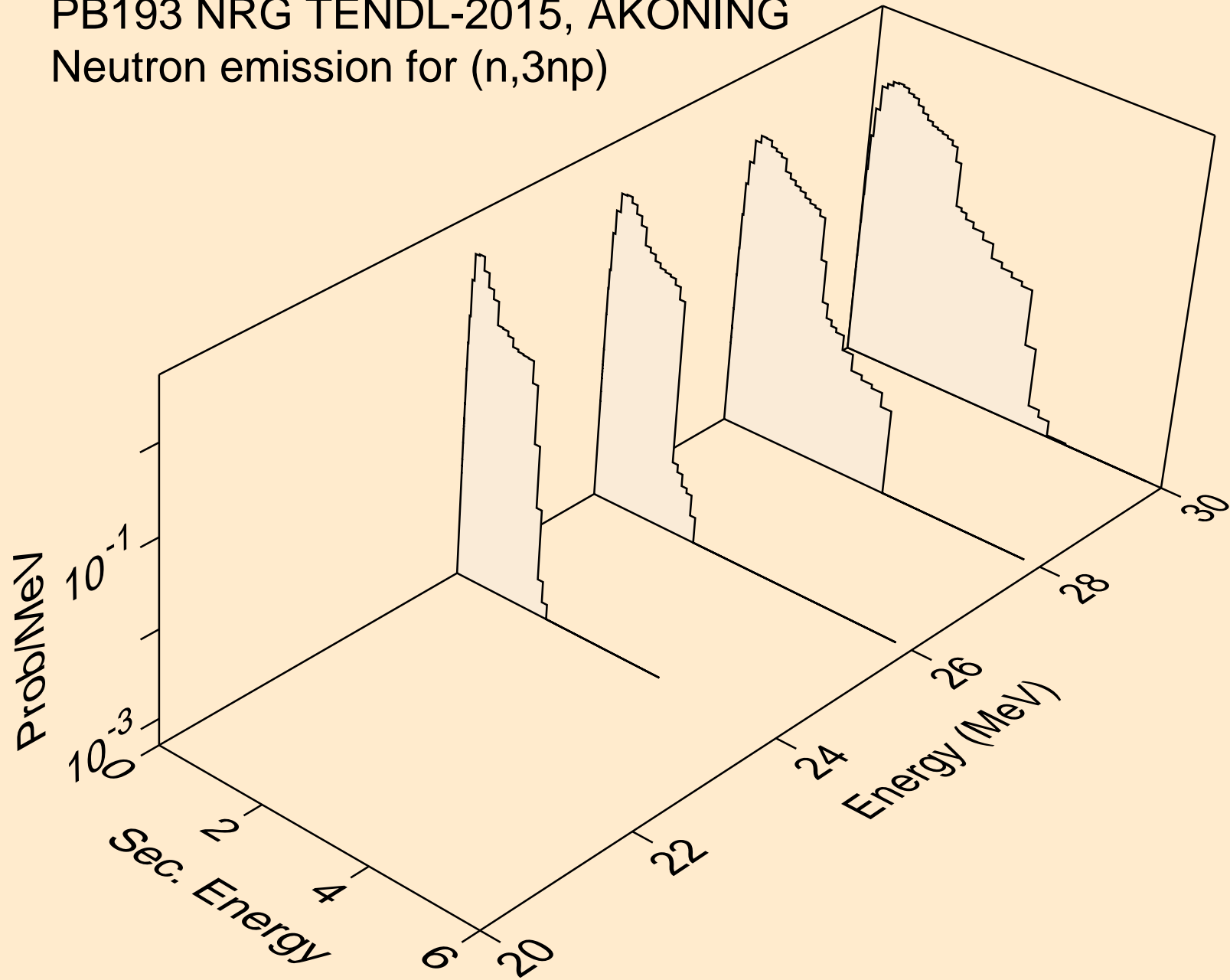
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

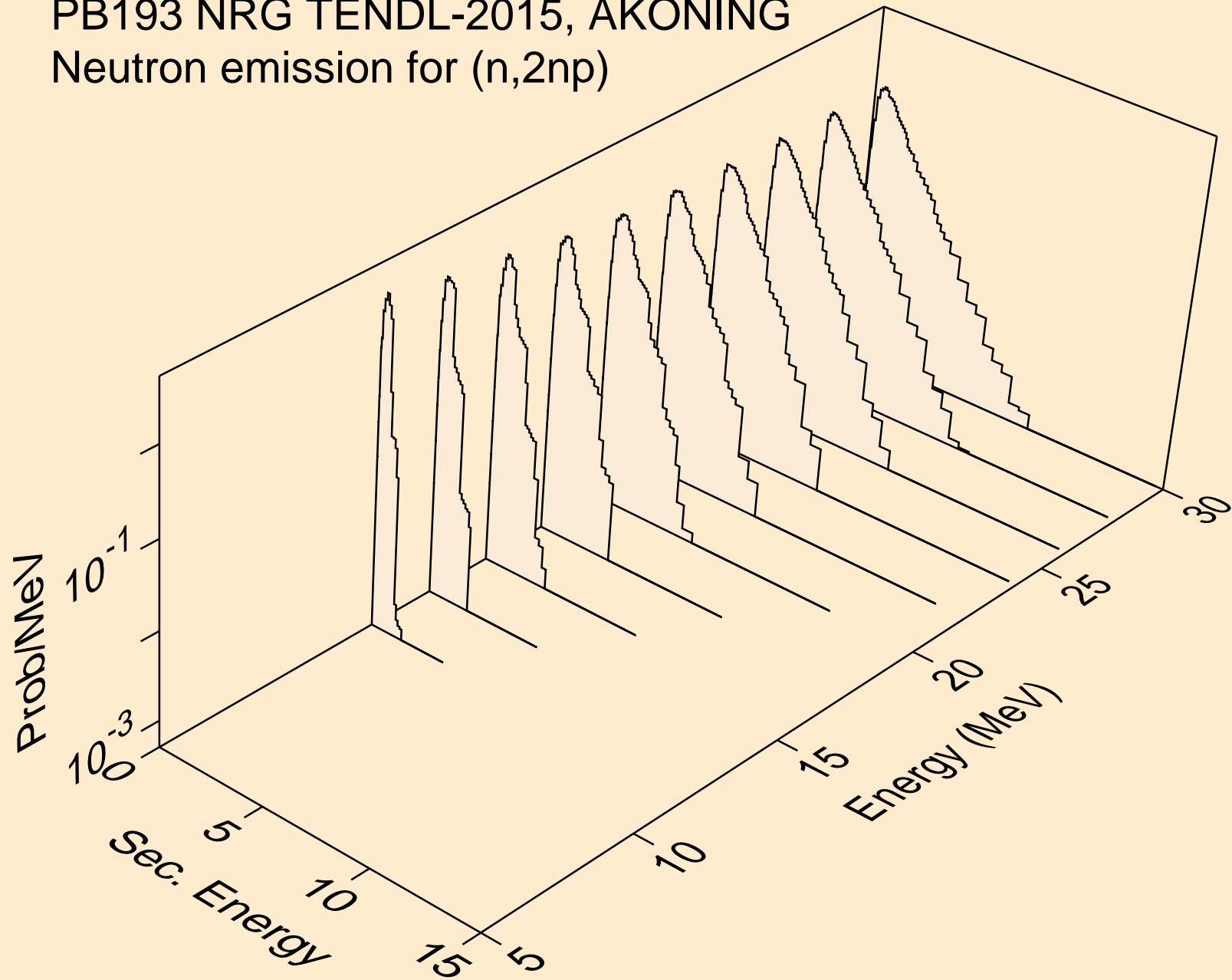


PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

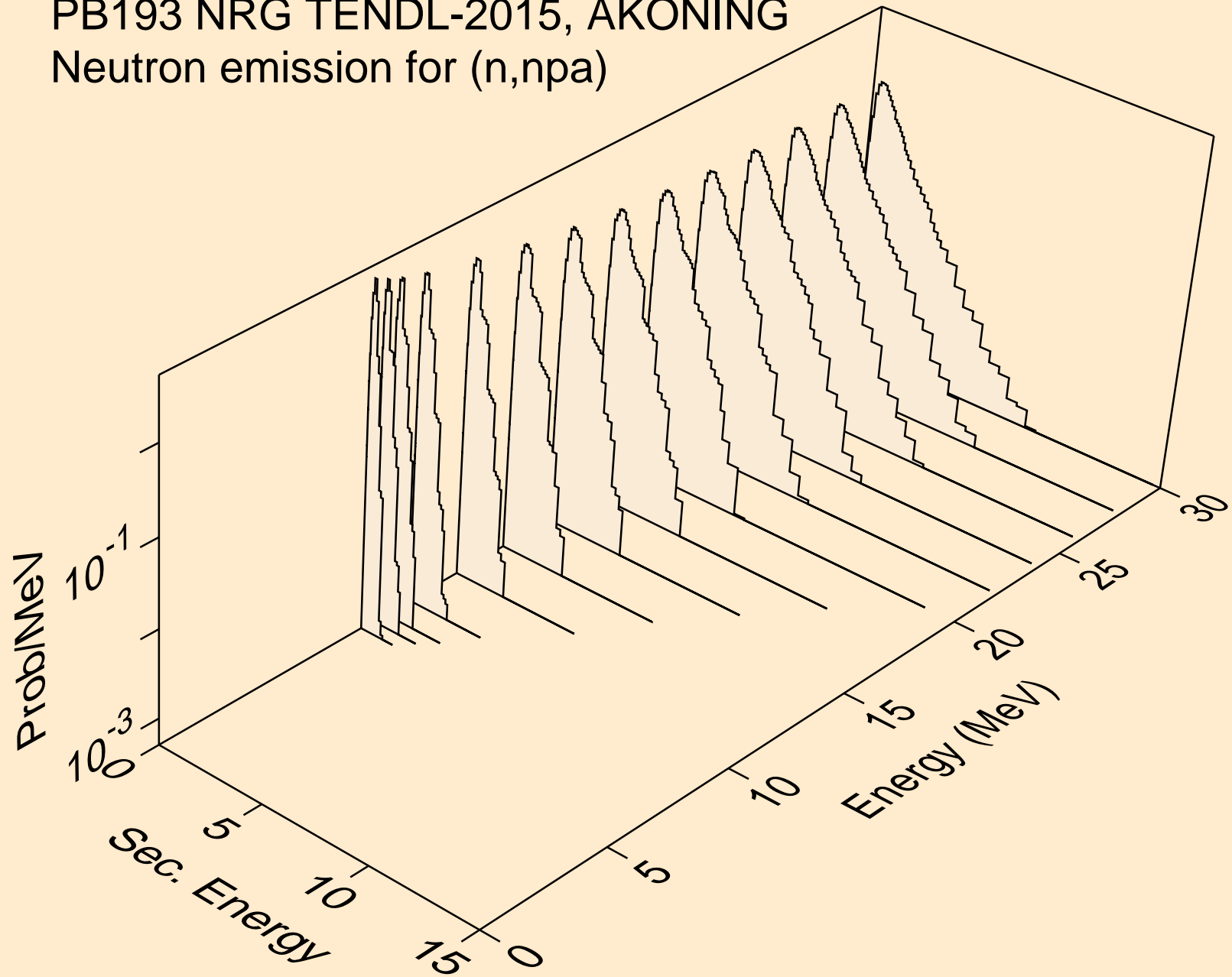




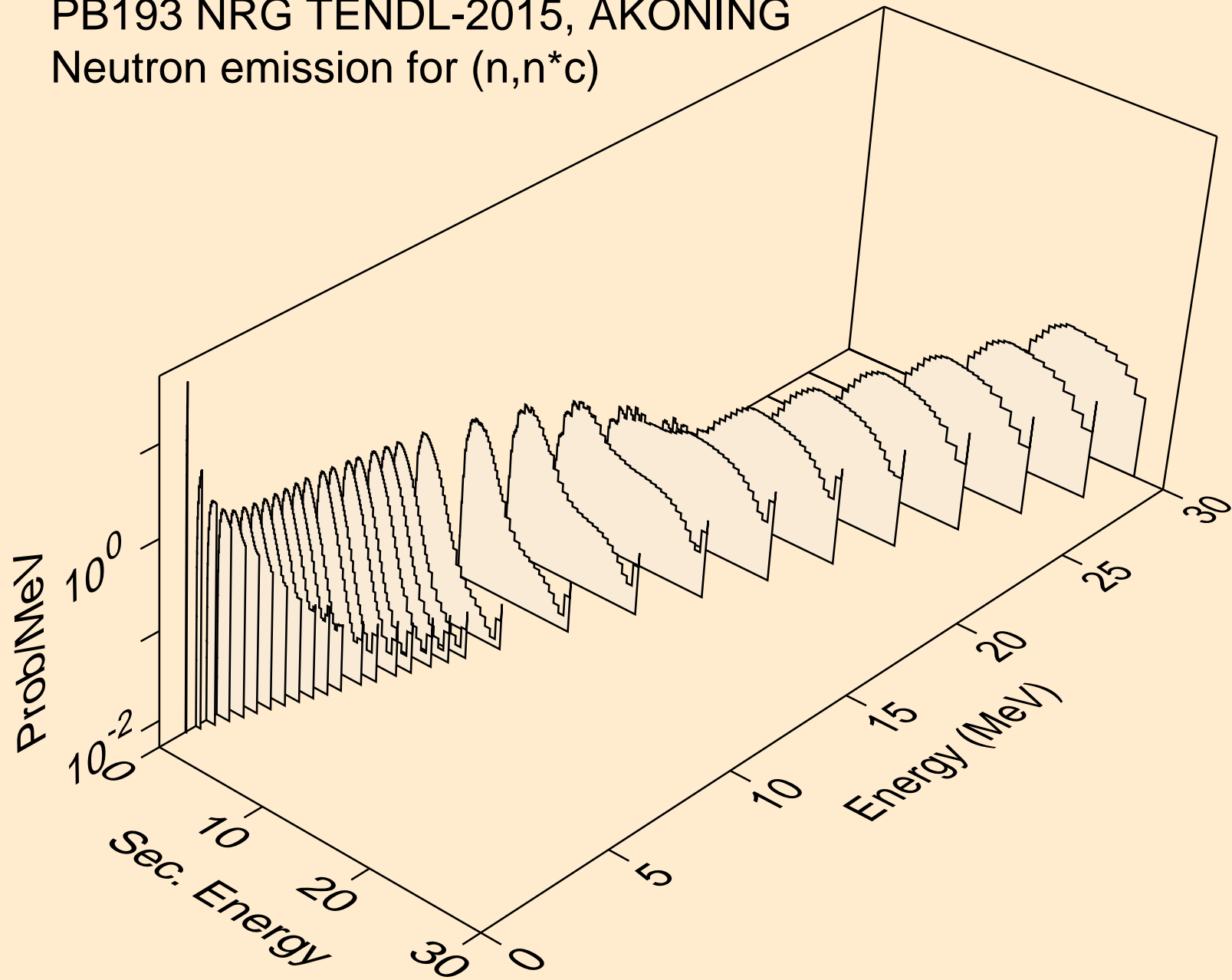
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



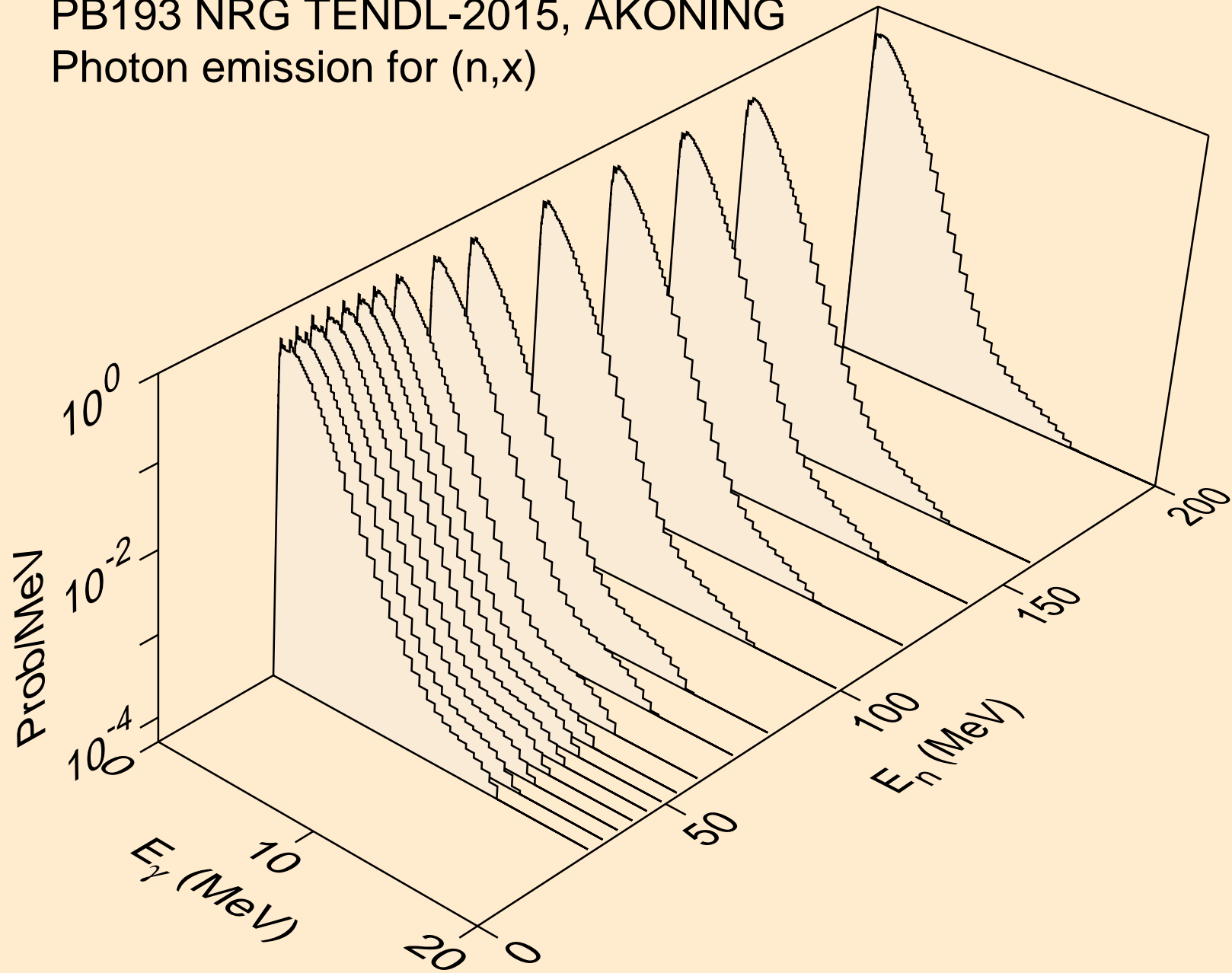
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



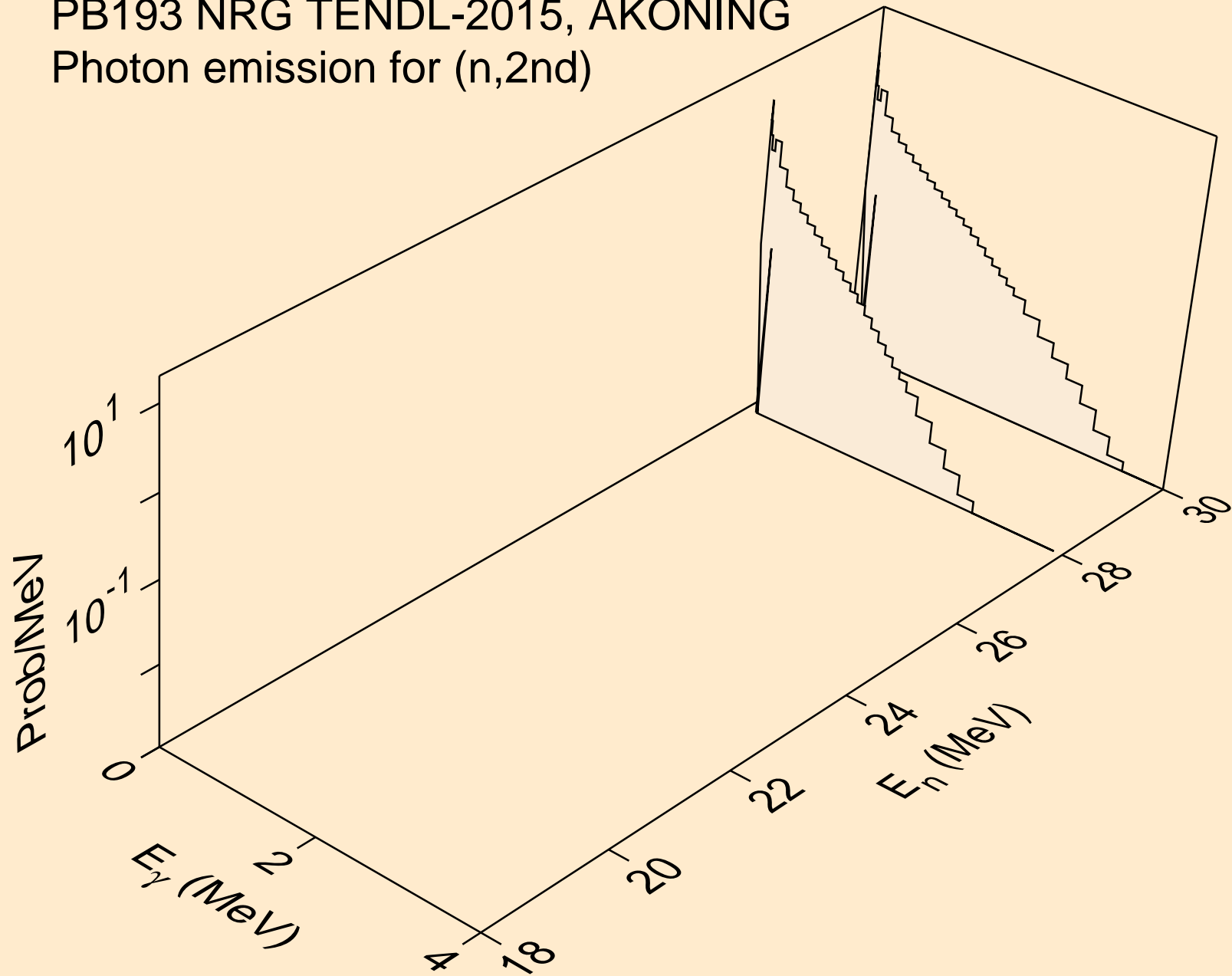
PB193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



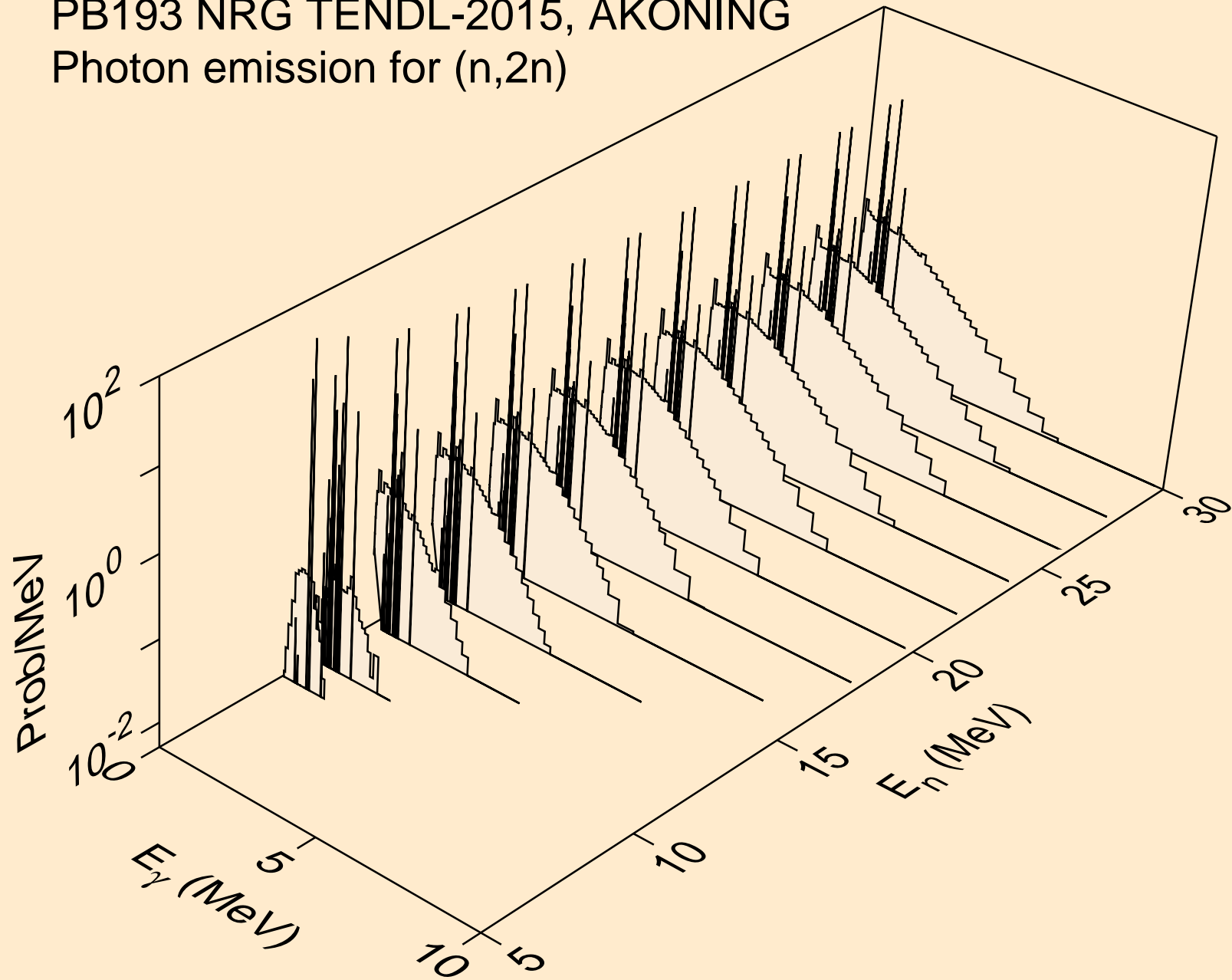
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



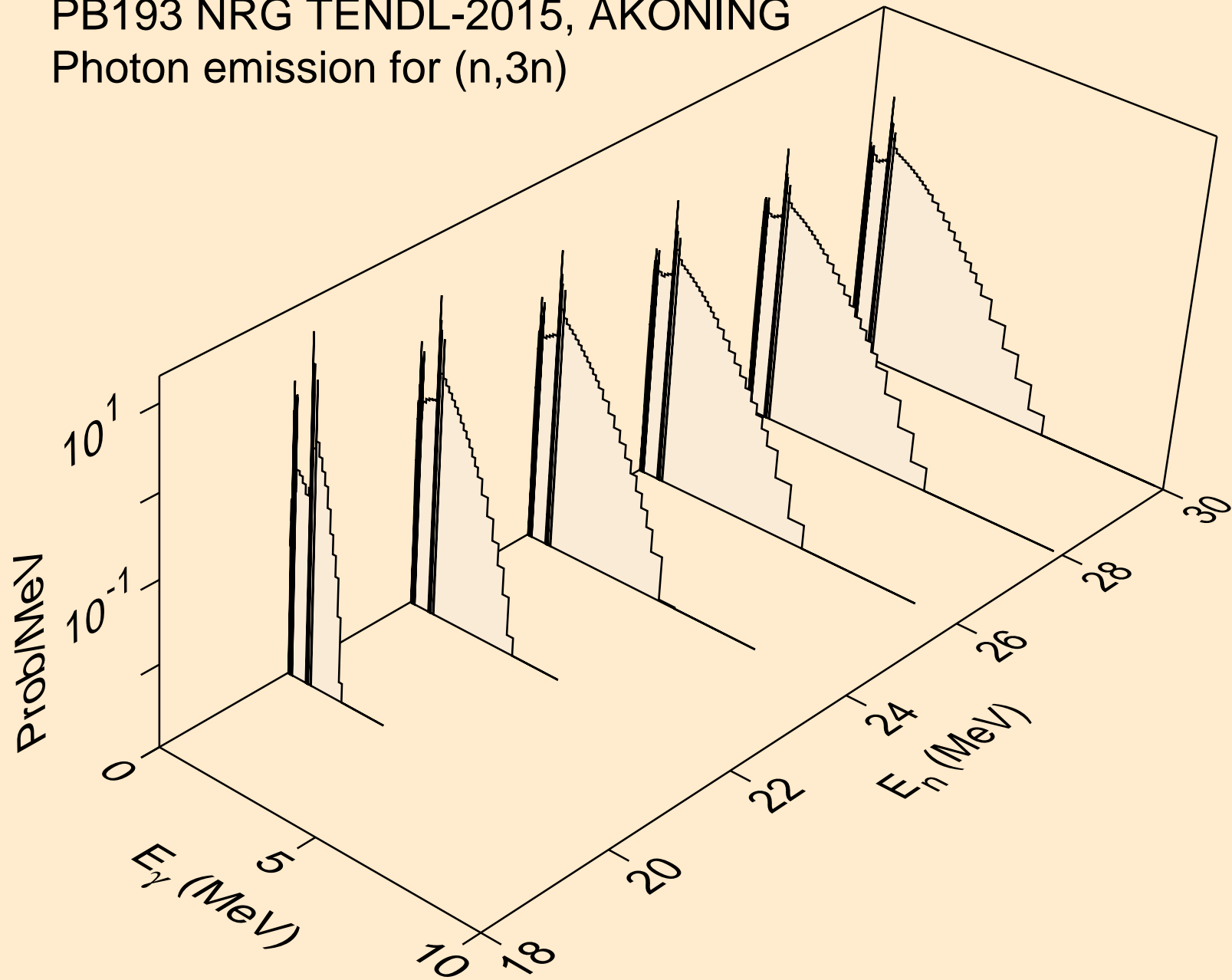
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



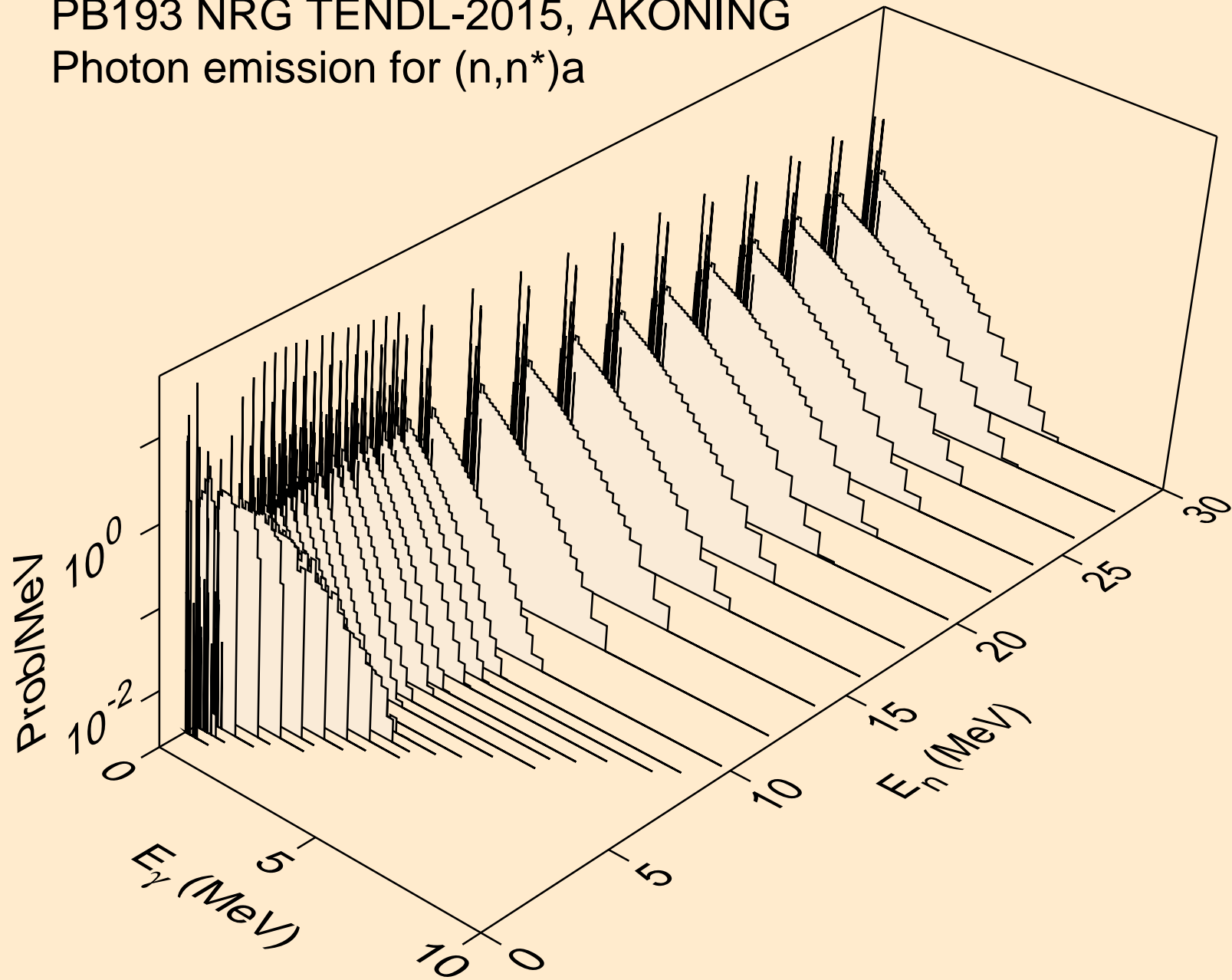
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

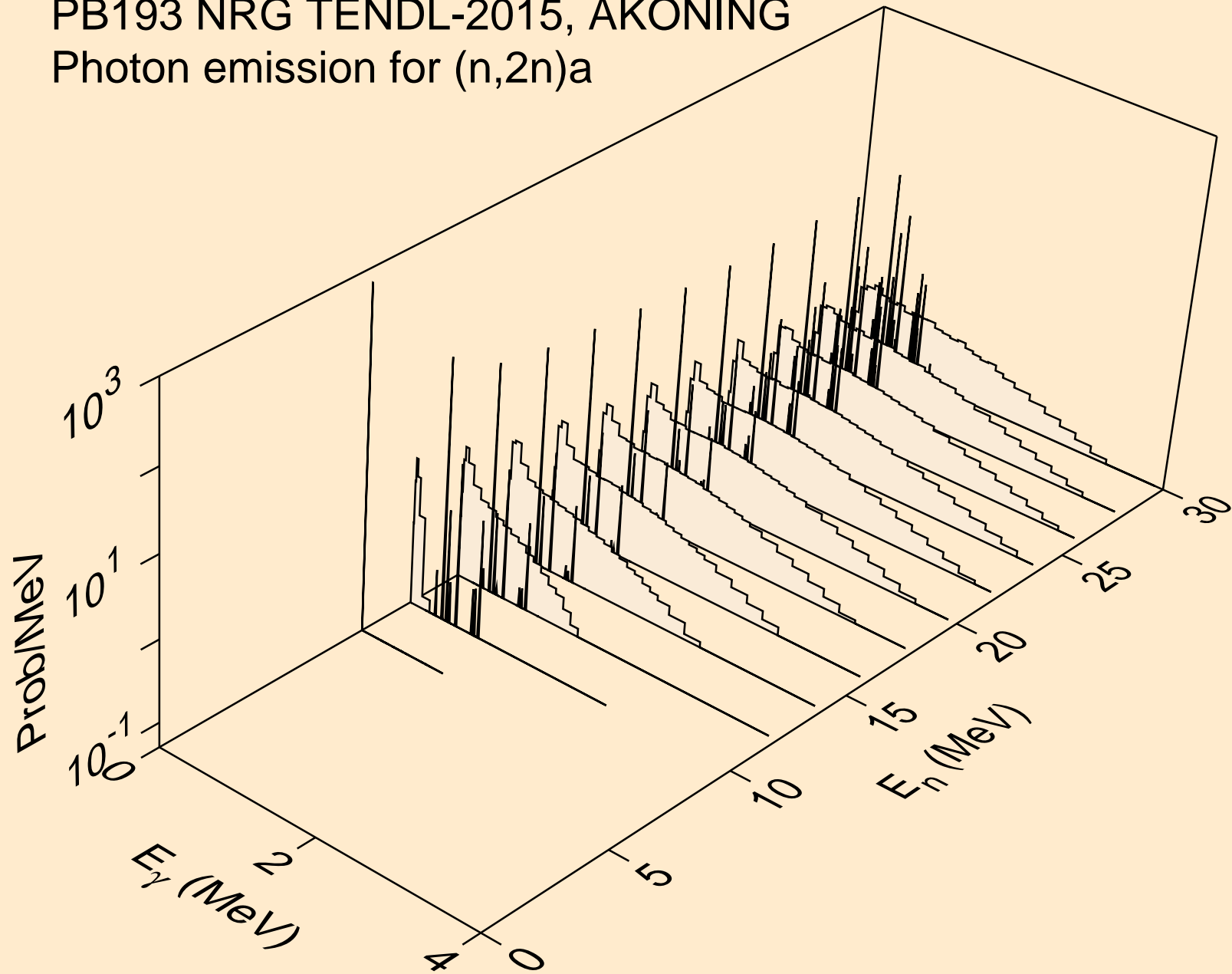


PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

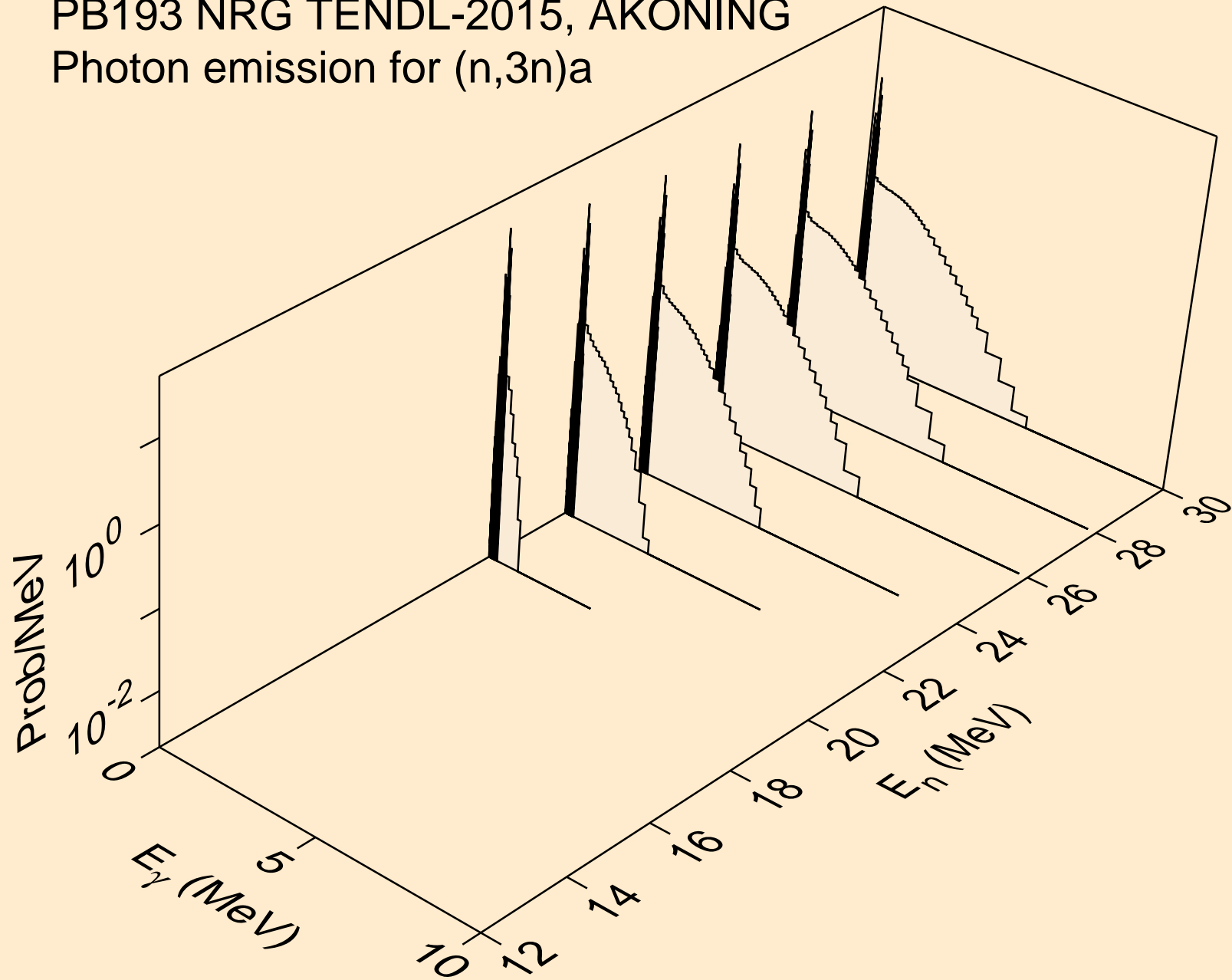




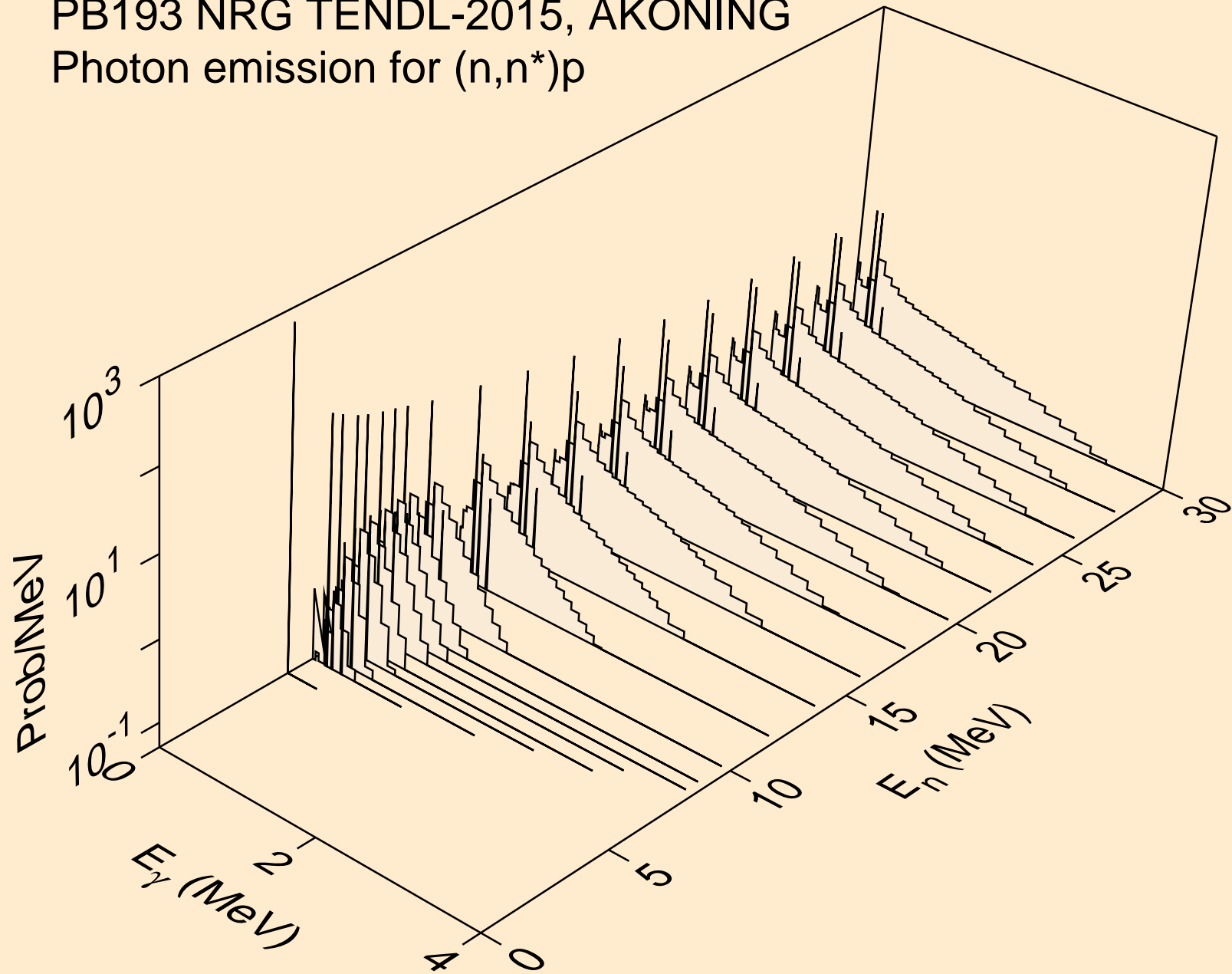
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



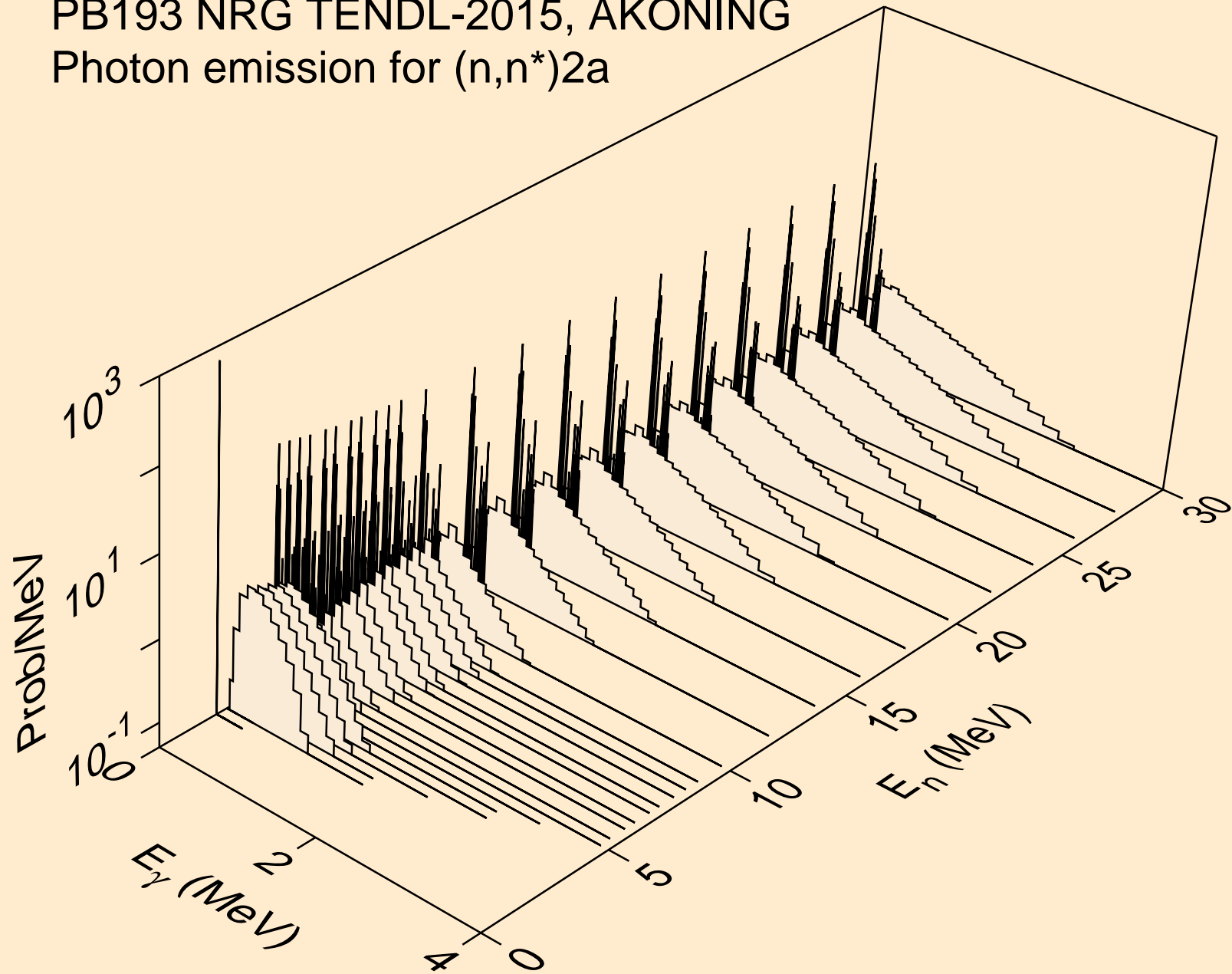
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,3n) $\alpha$



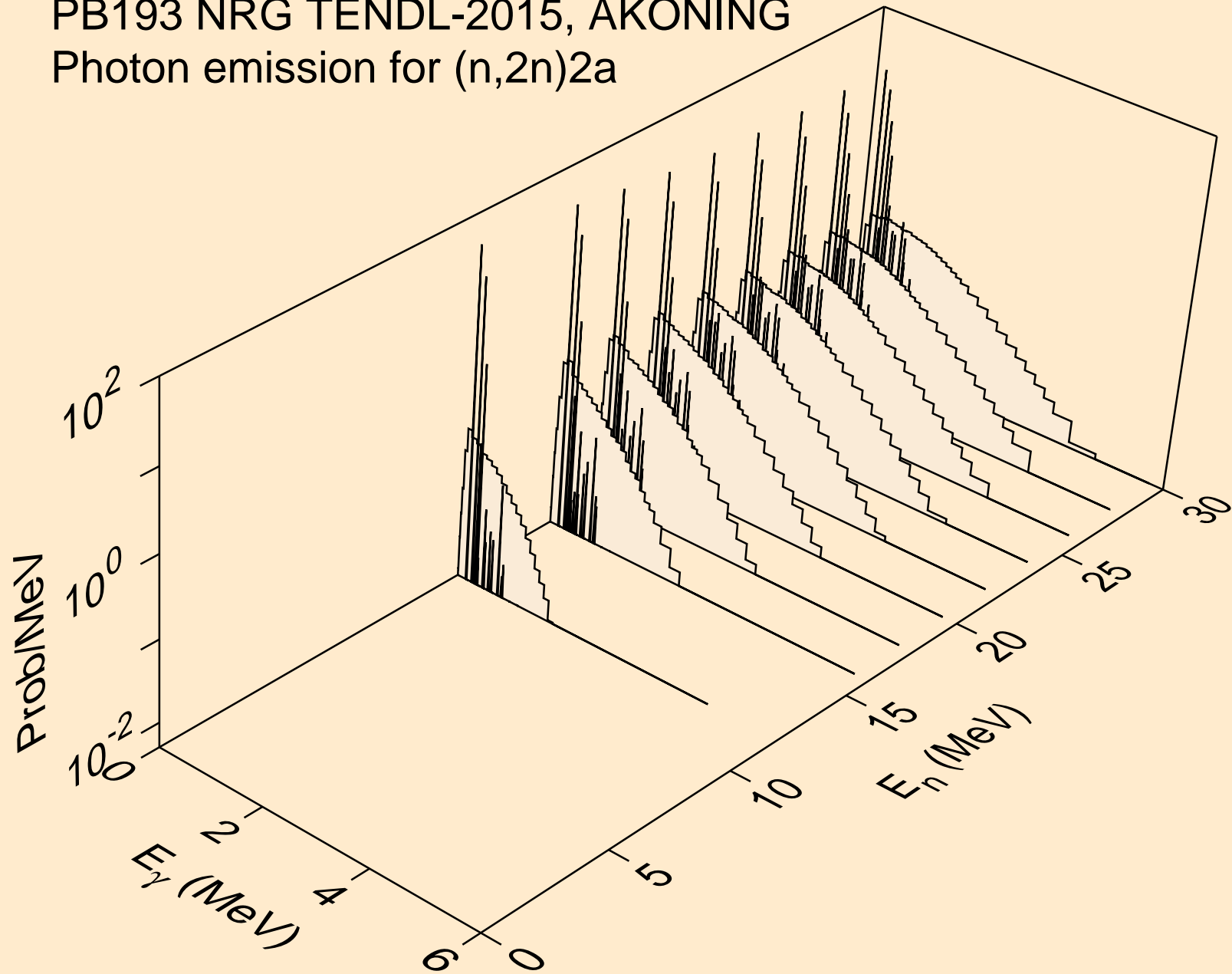
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



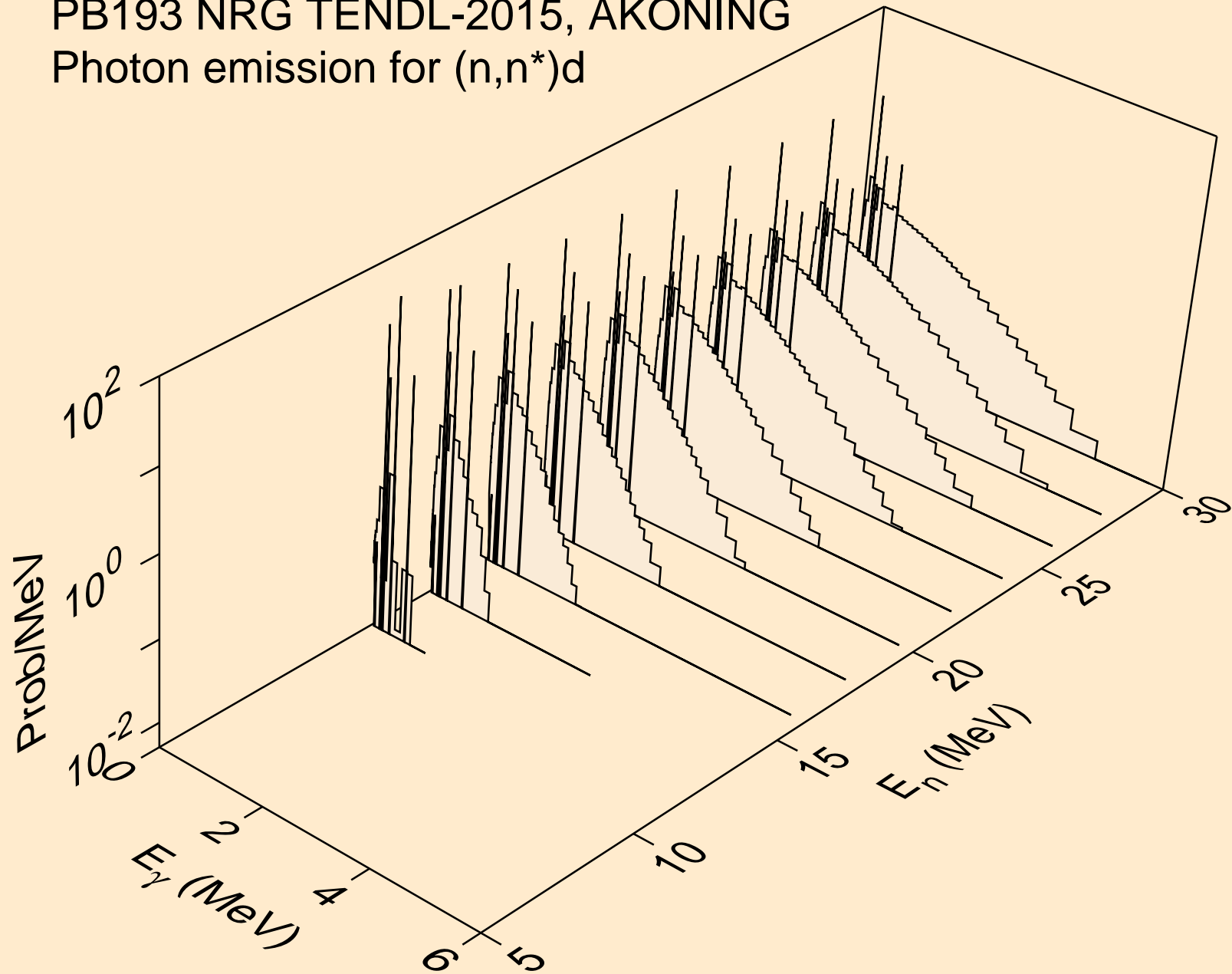
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



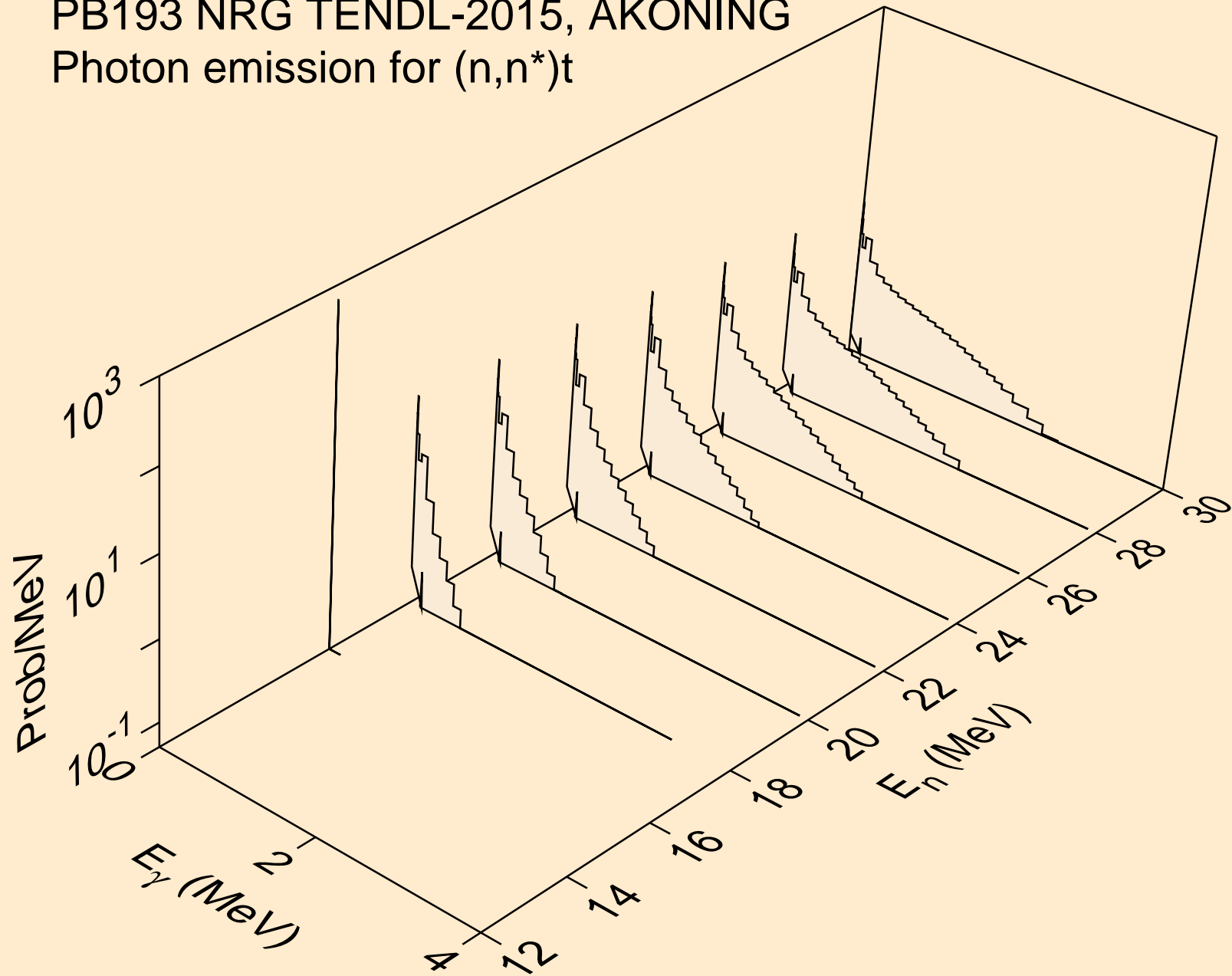
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



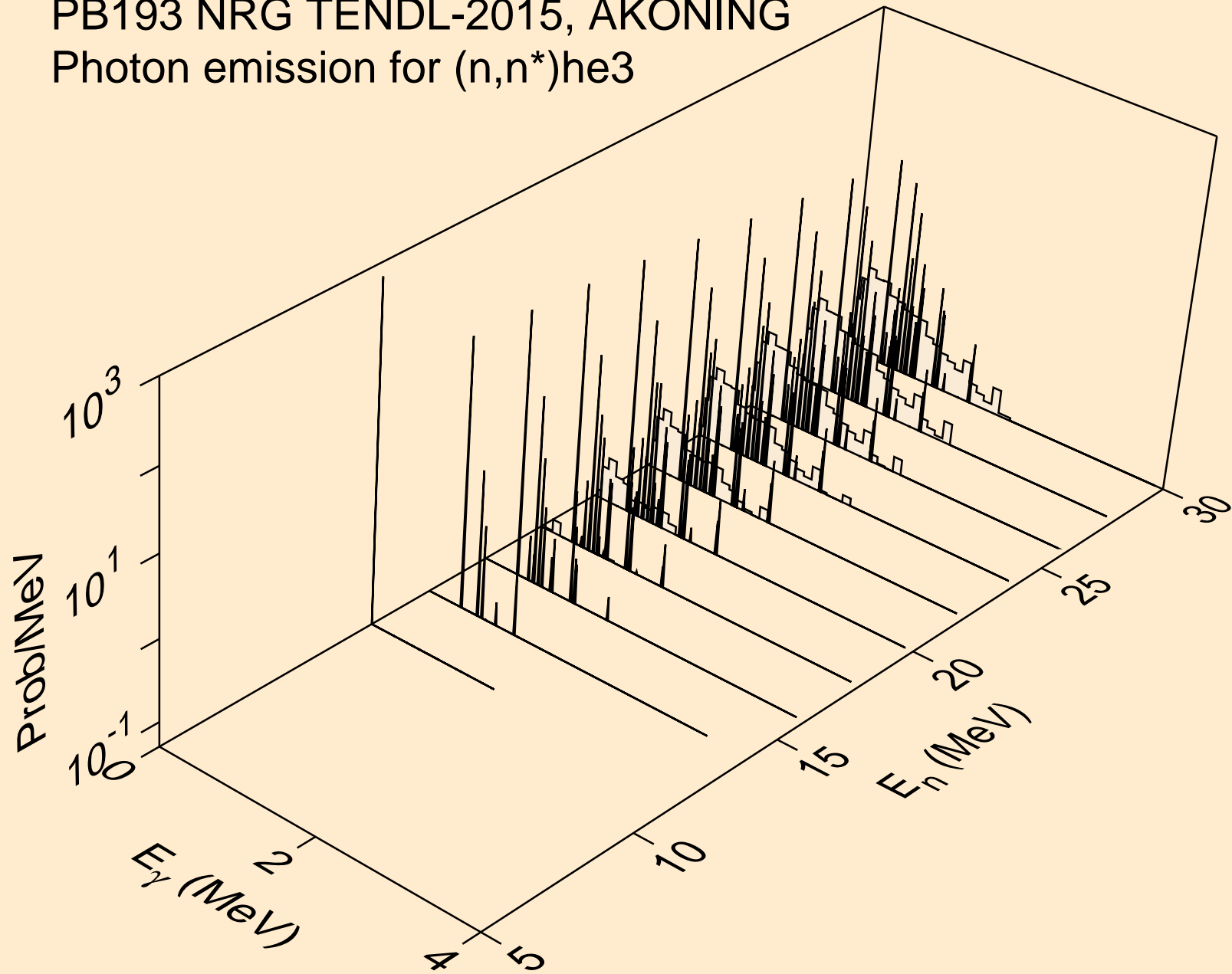
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

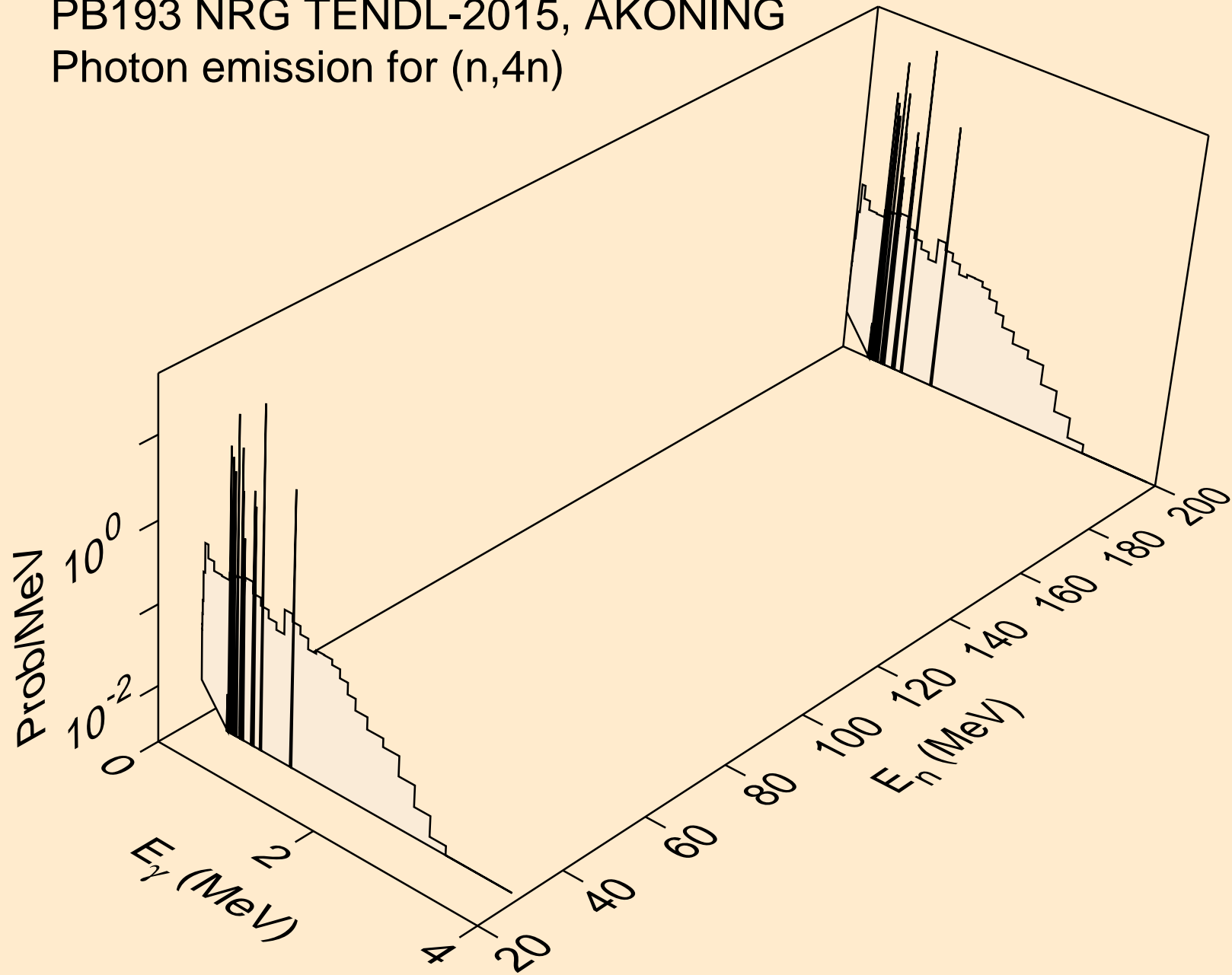


PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

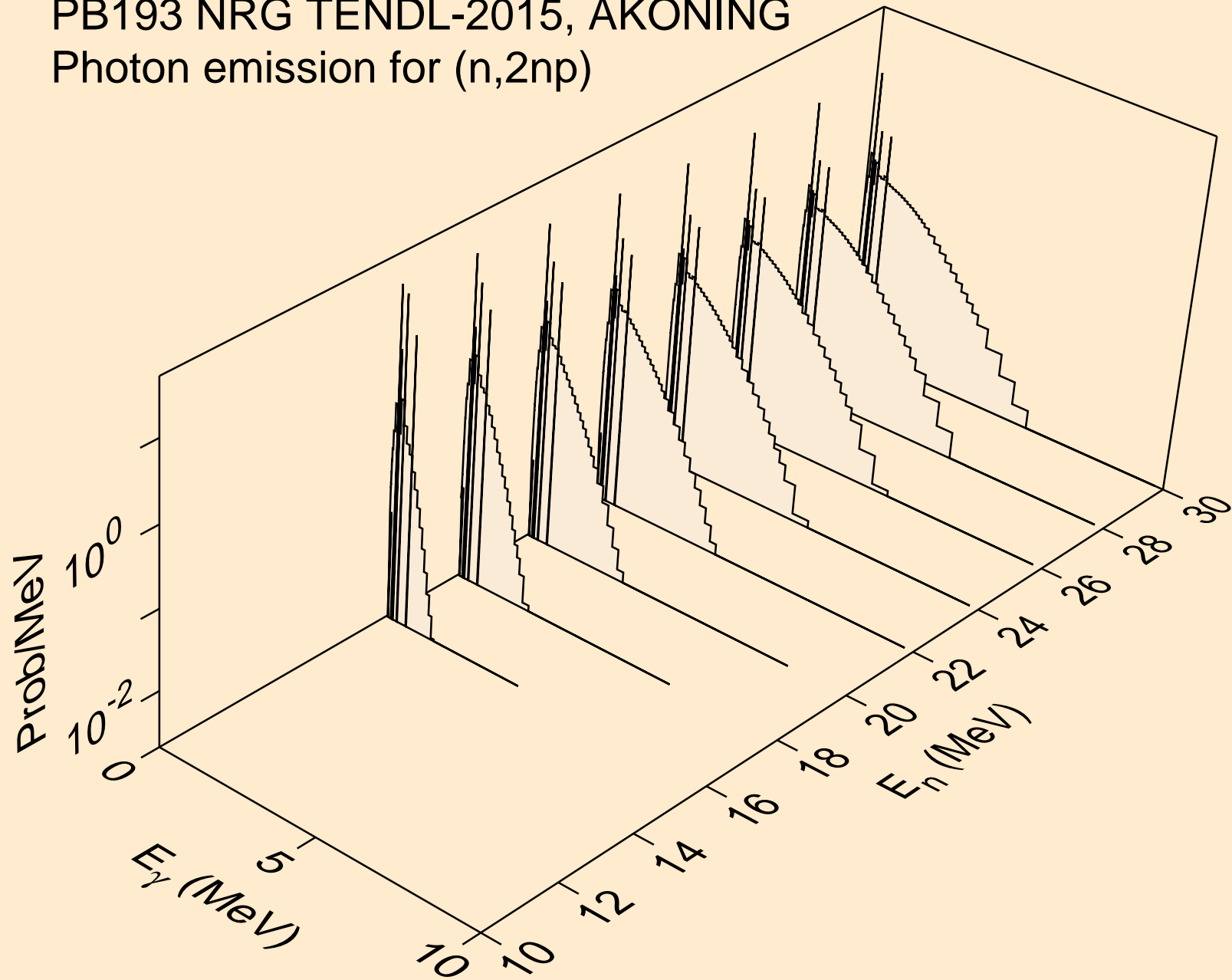




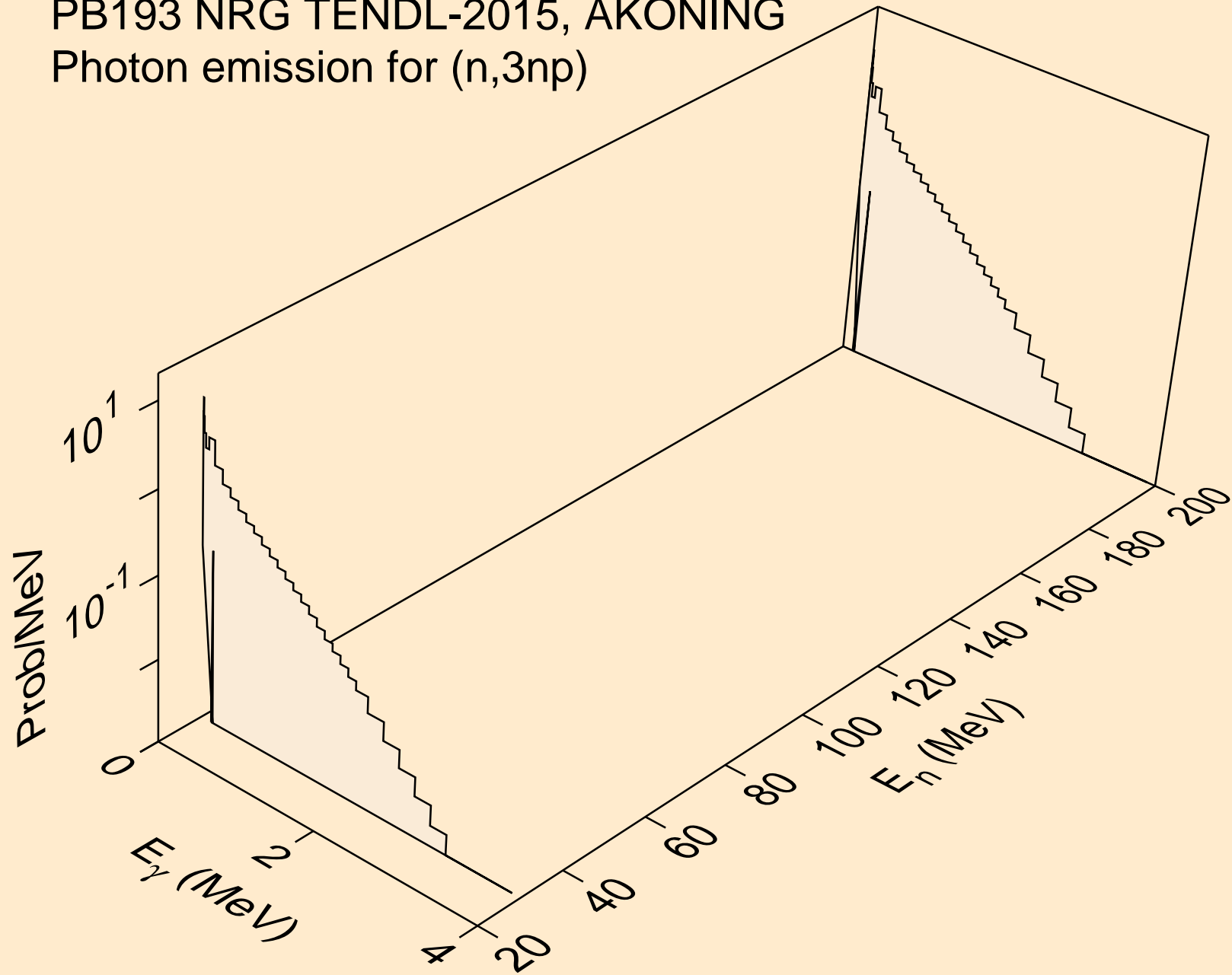
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



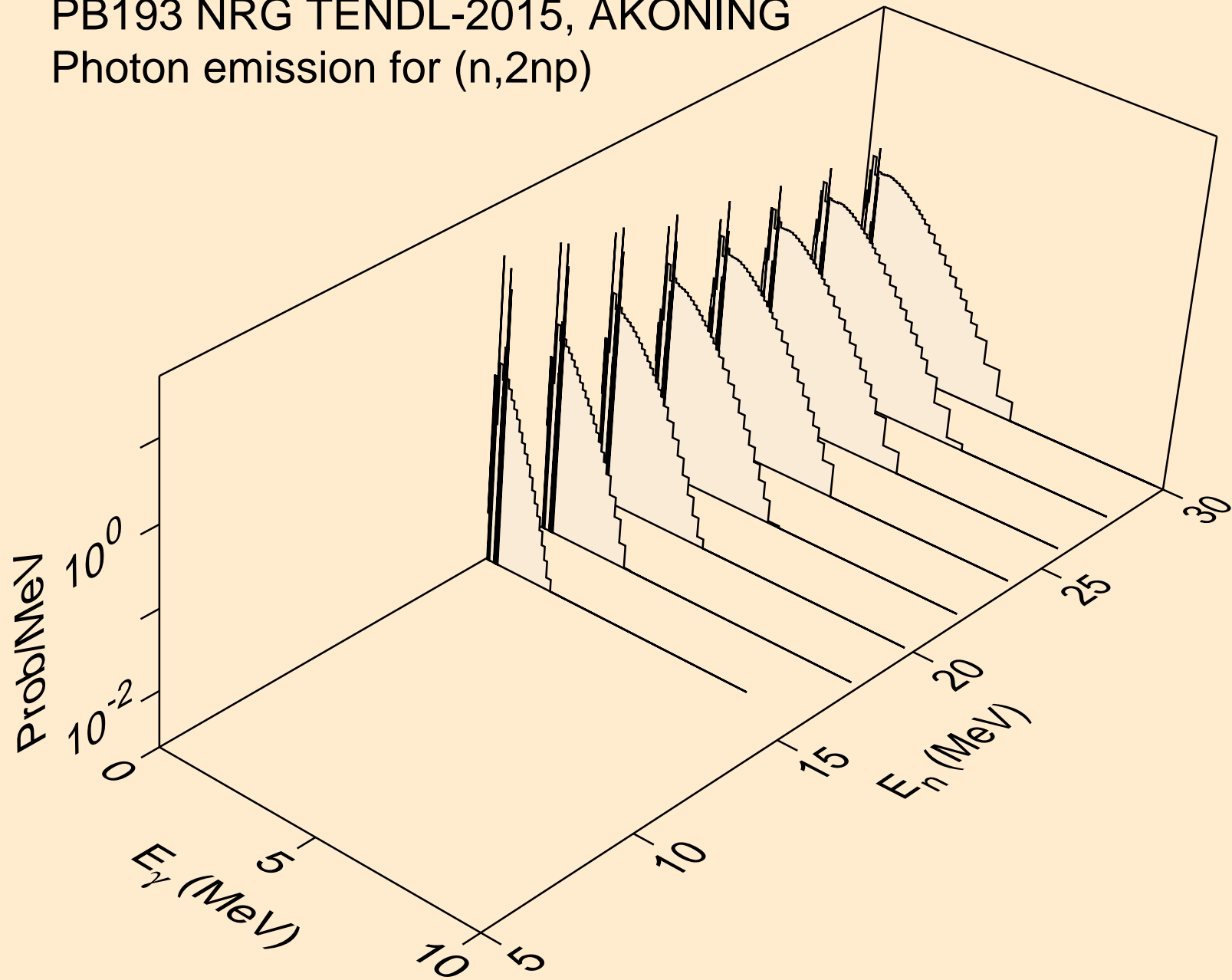
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



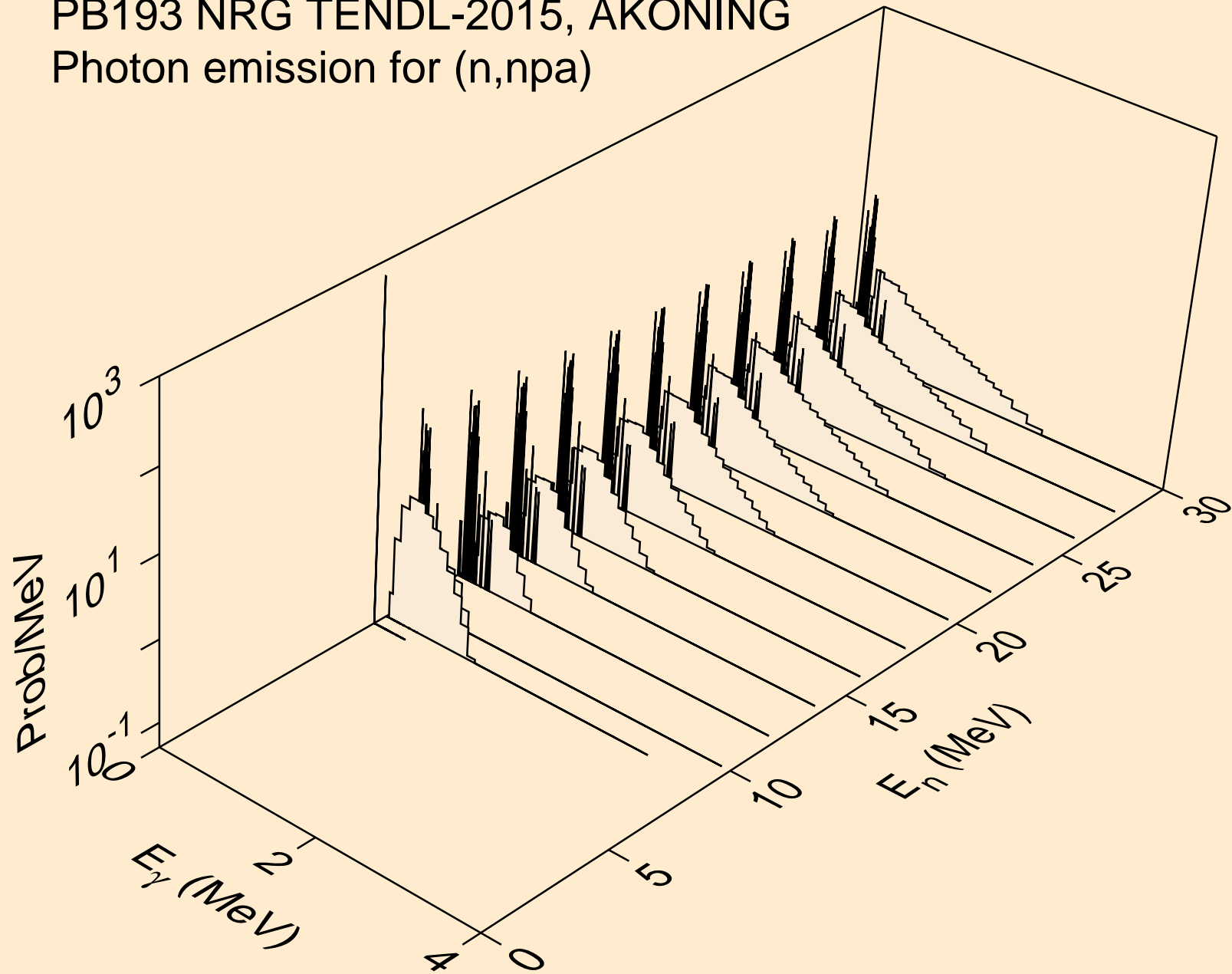
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



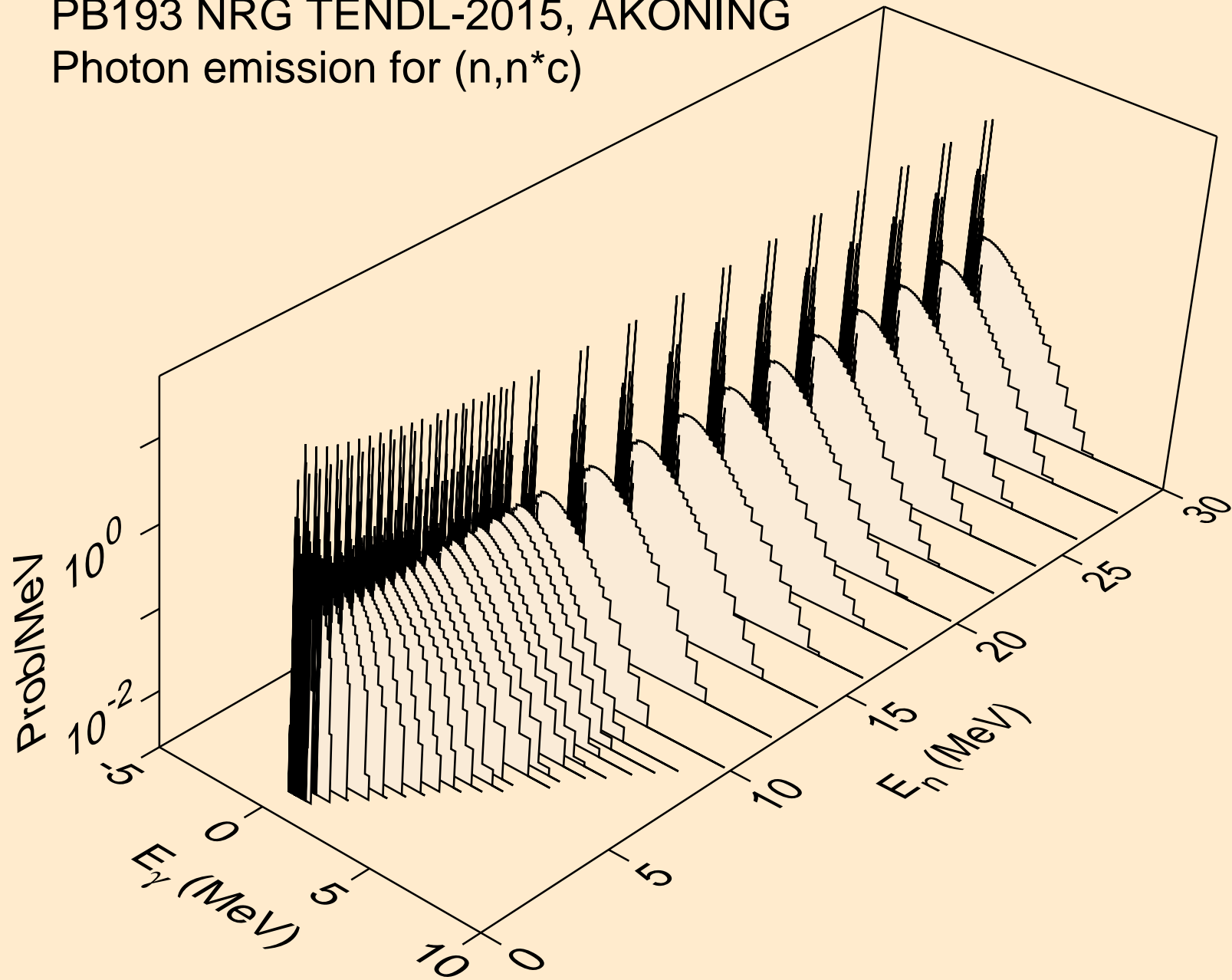
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



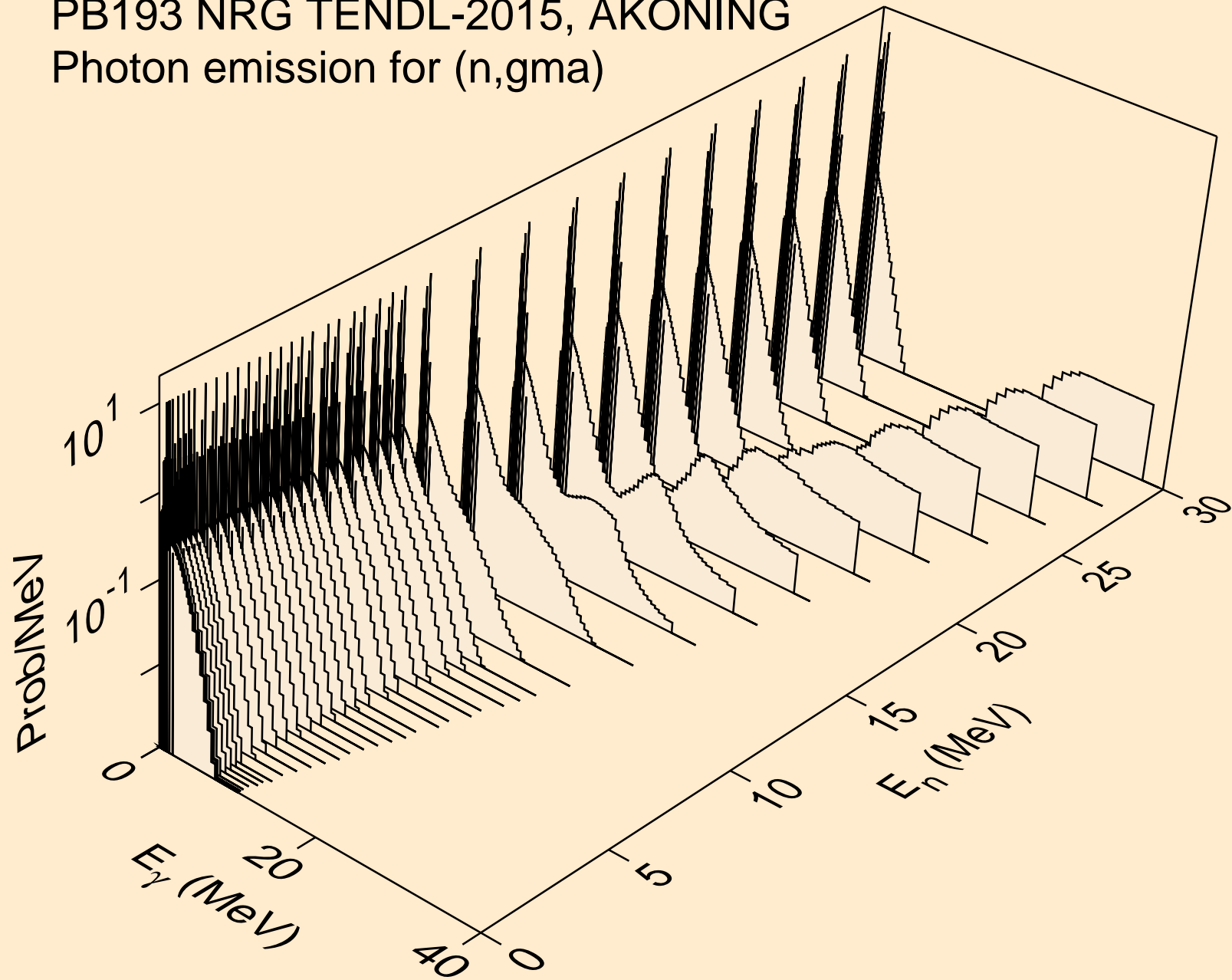
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



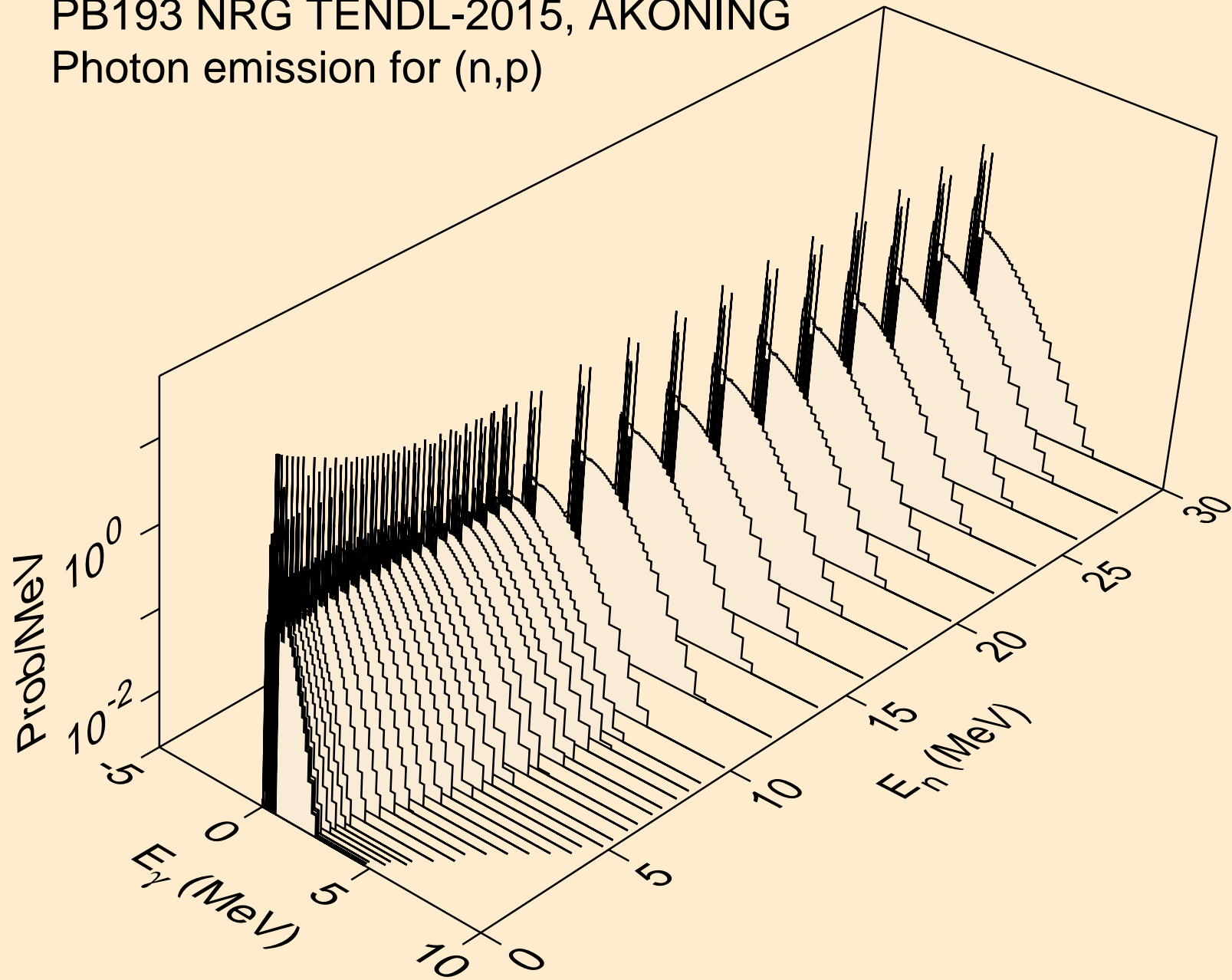
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

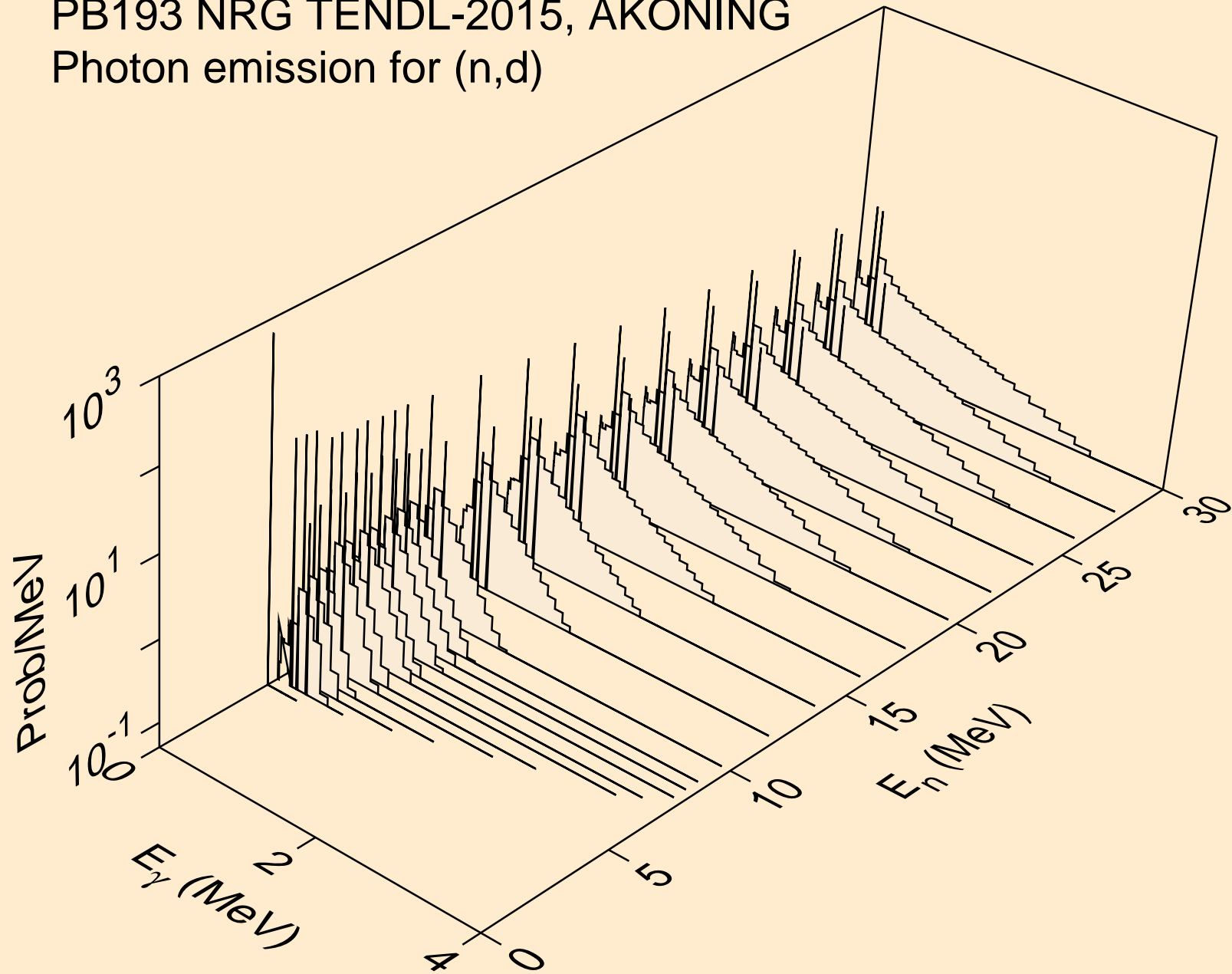


PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

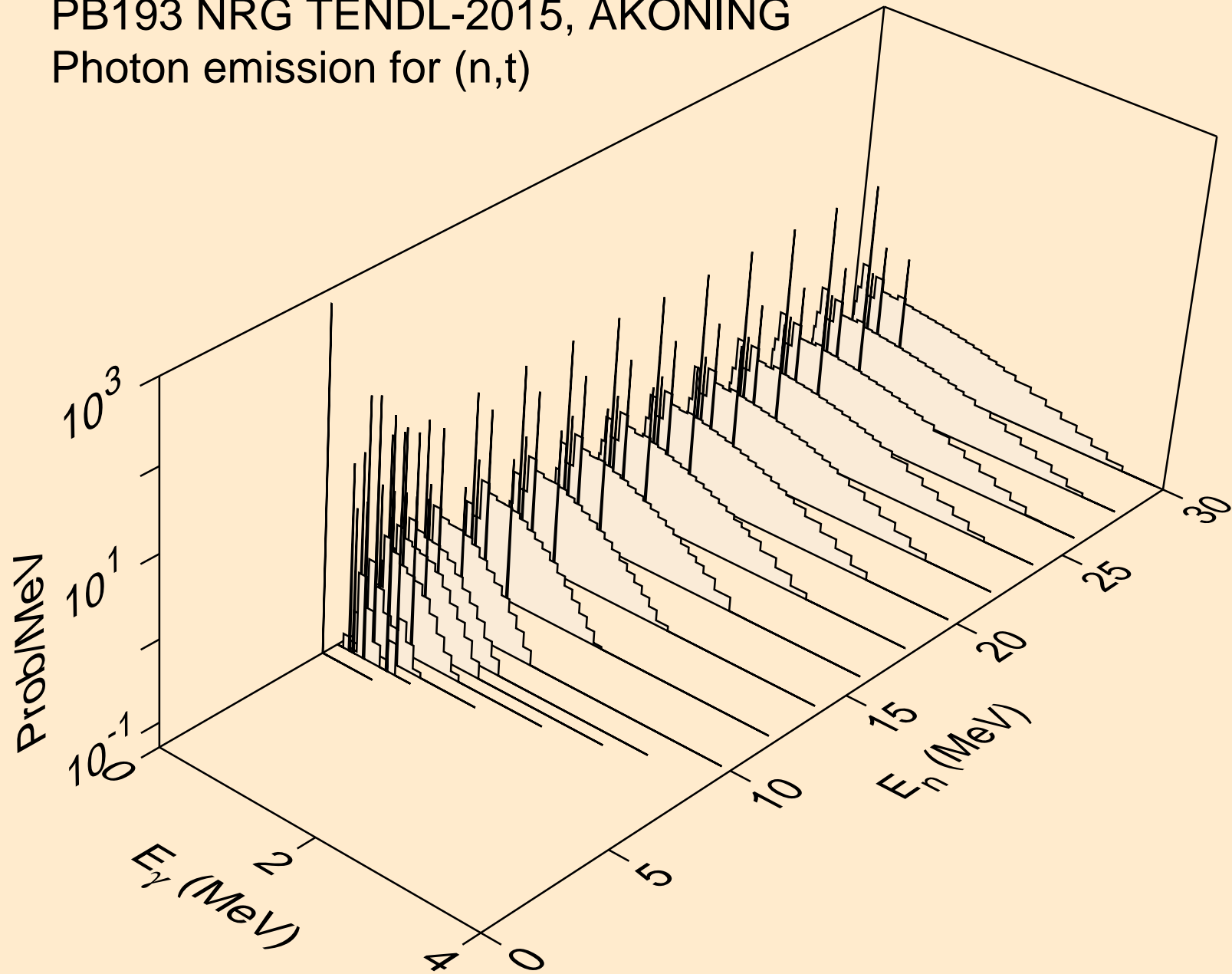




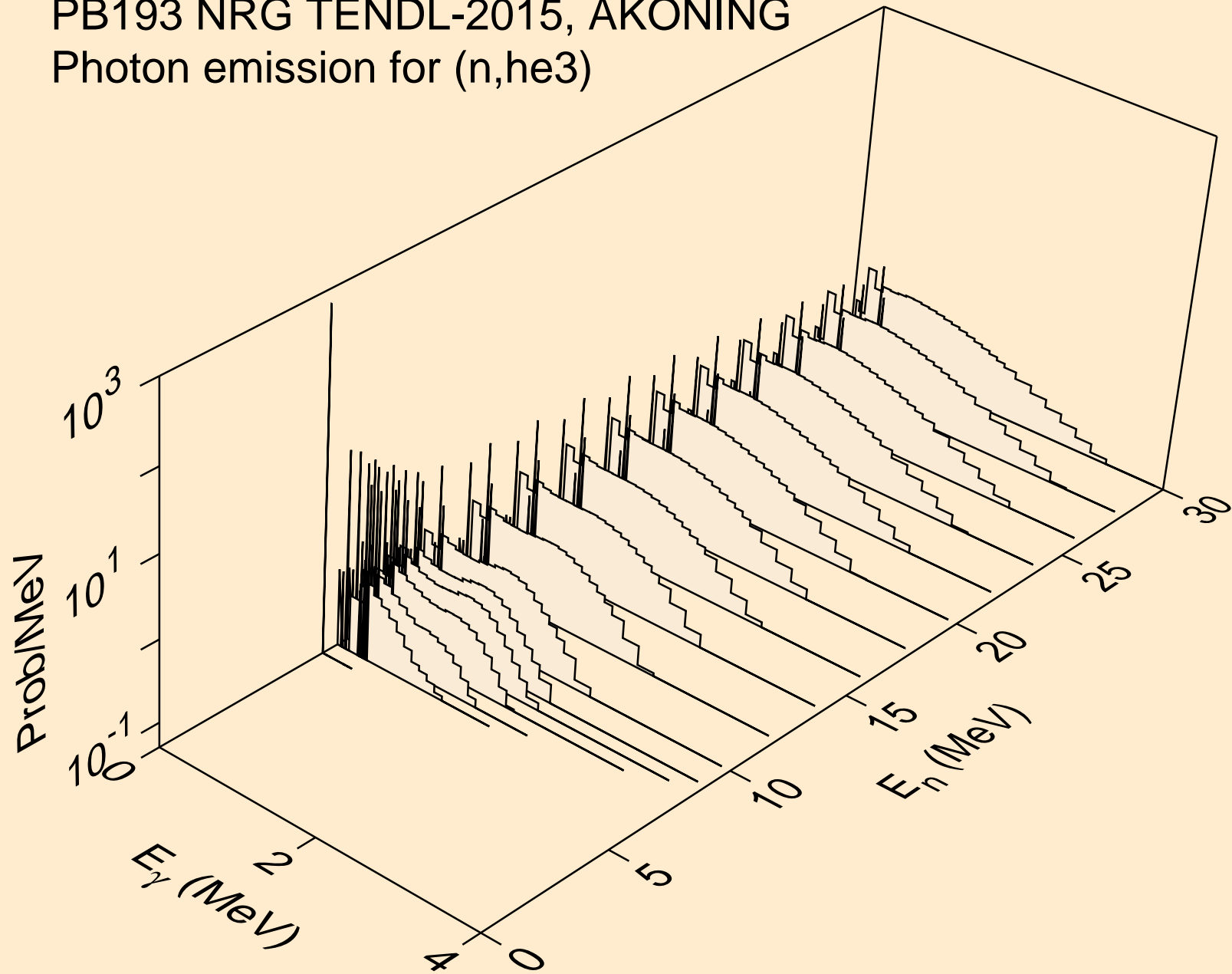
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



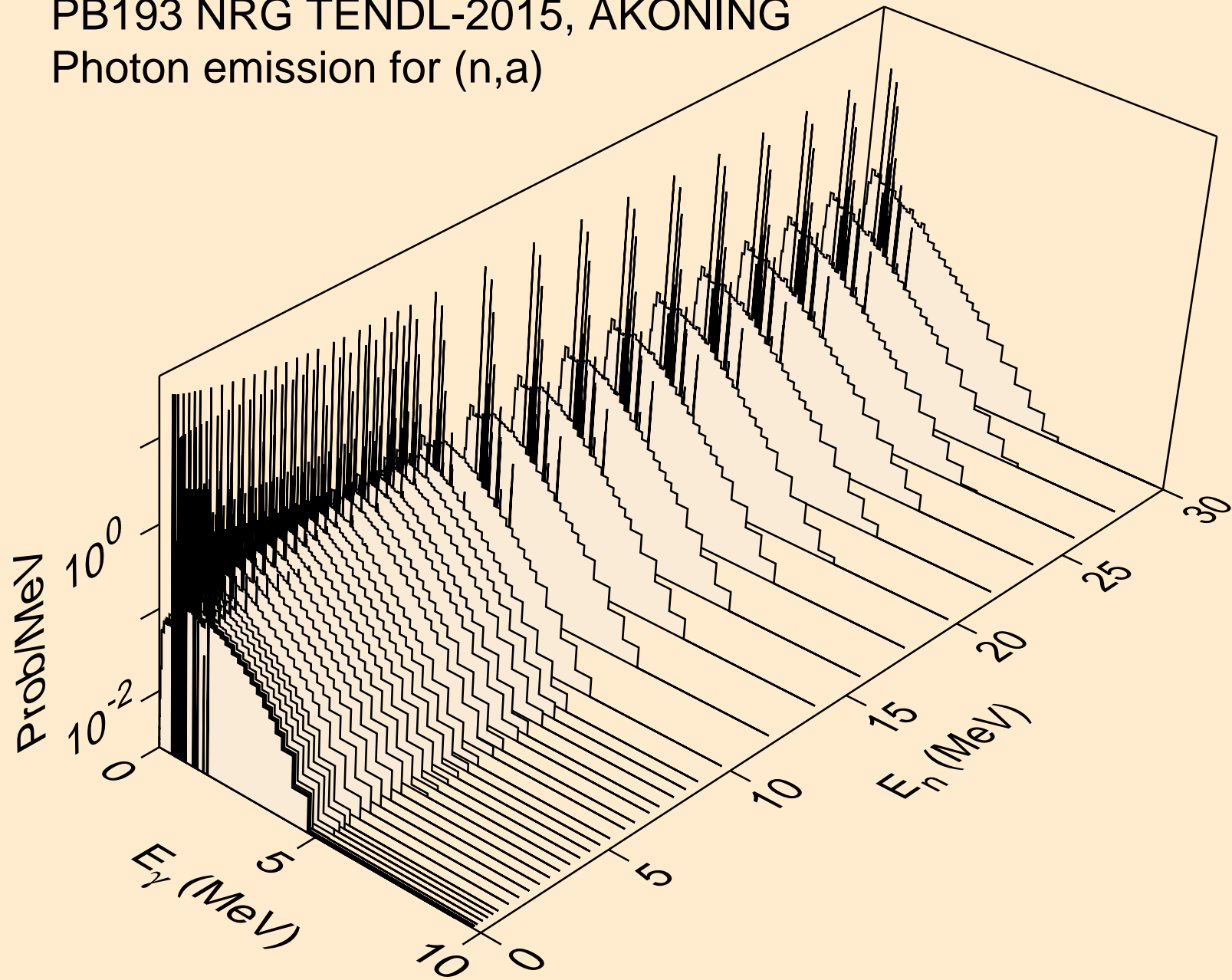
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



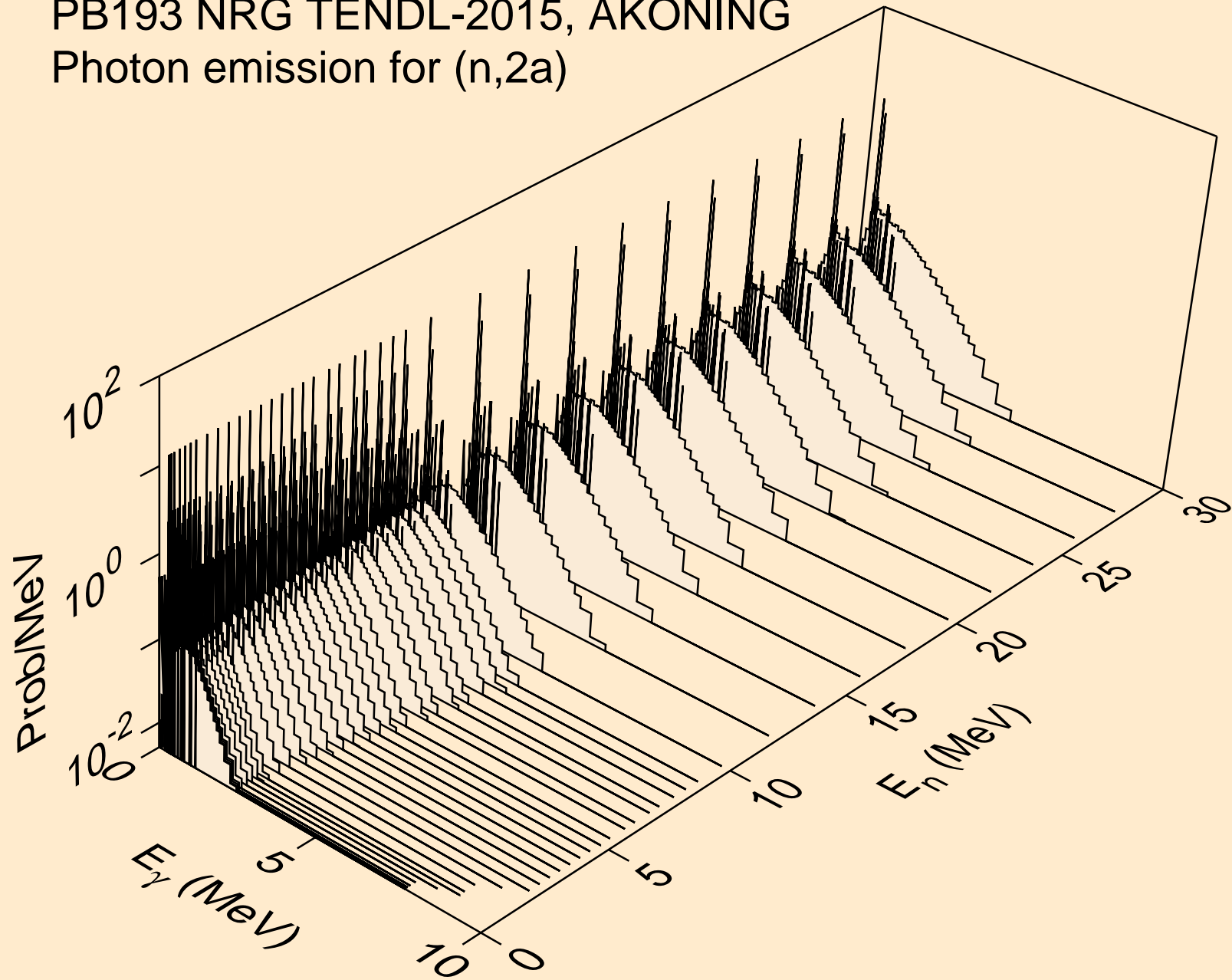
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



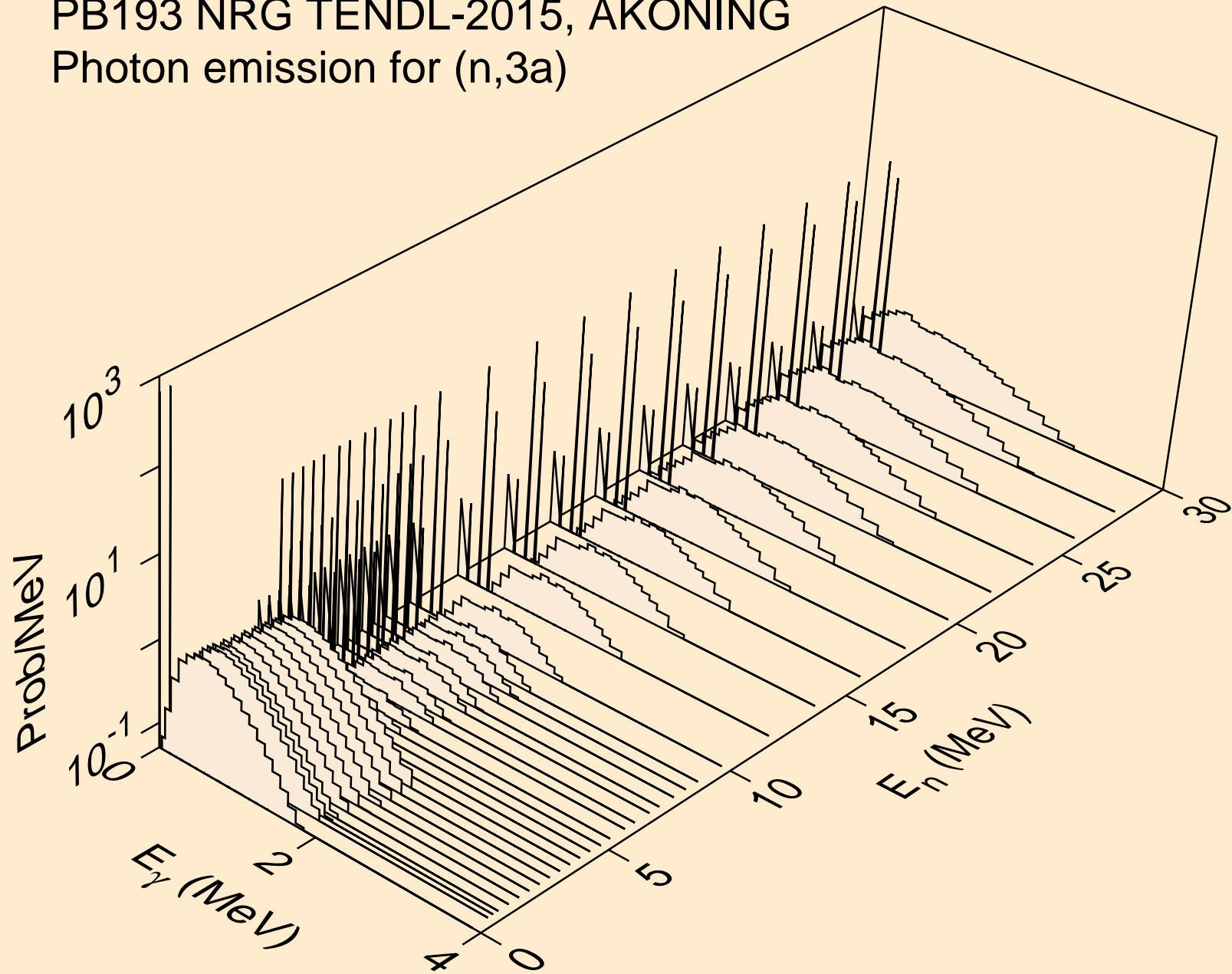
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



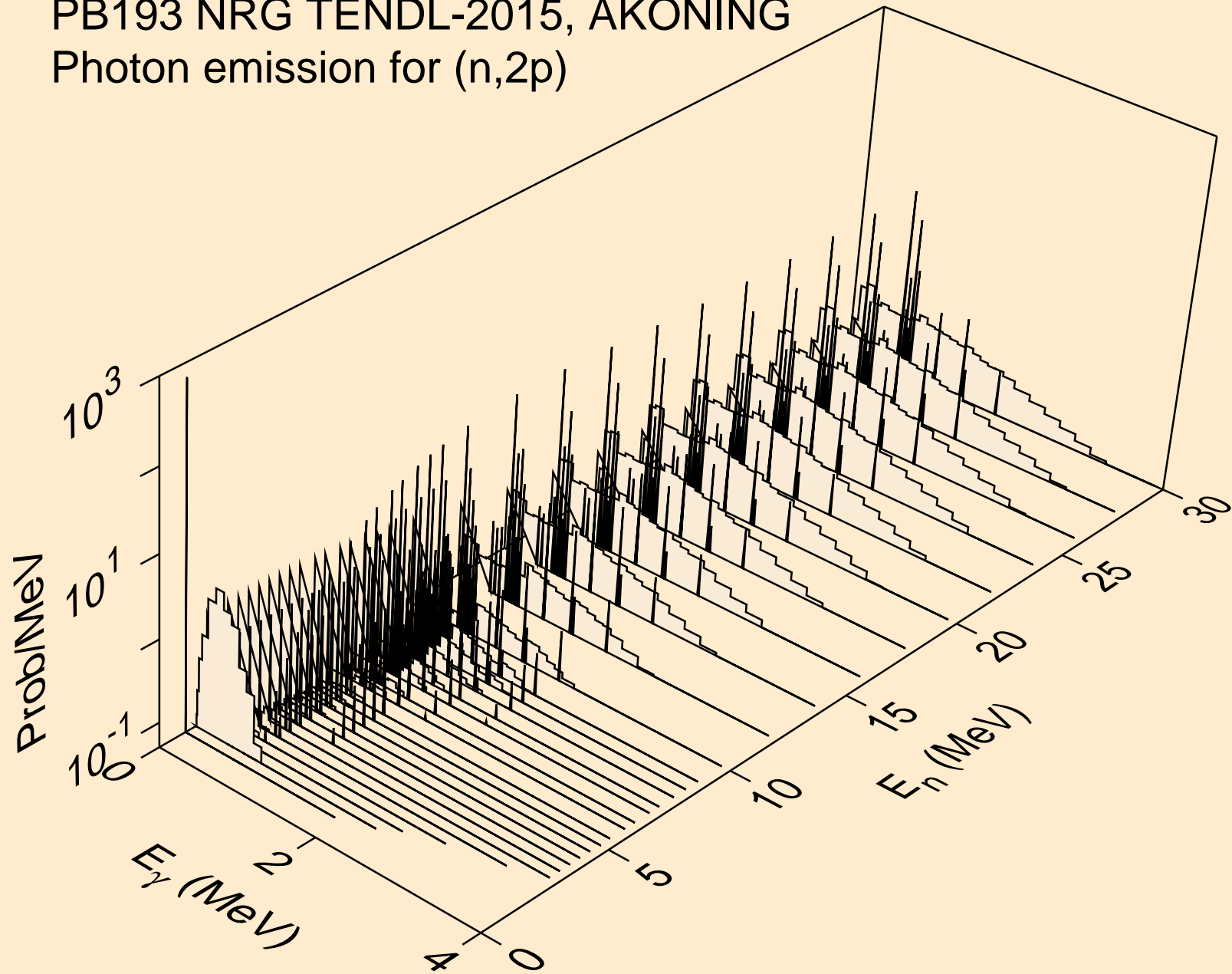
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



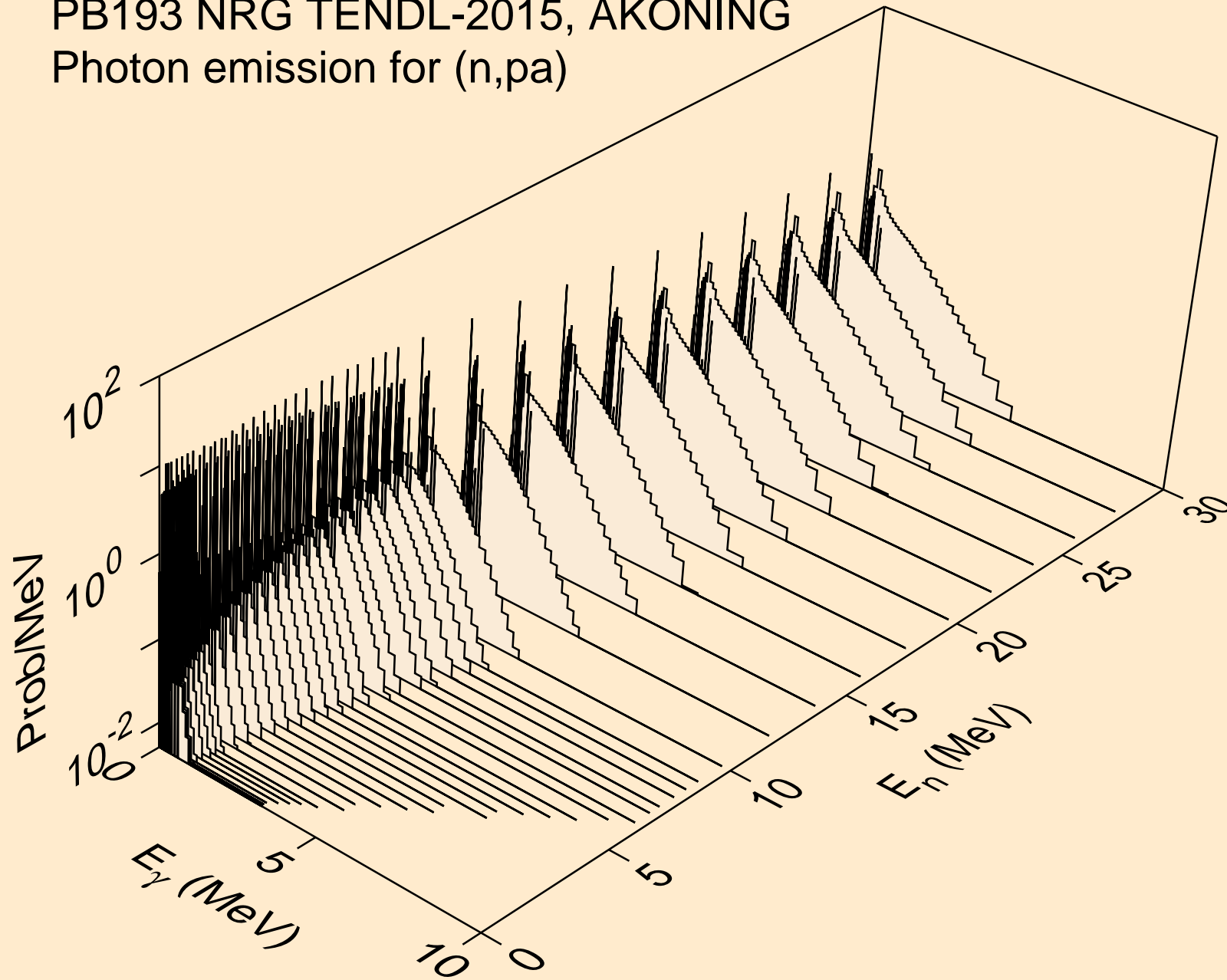
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

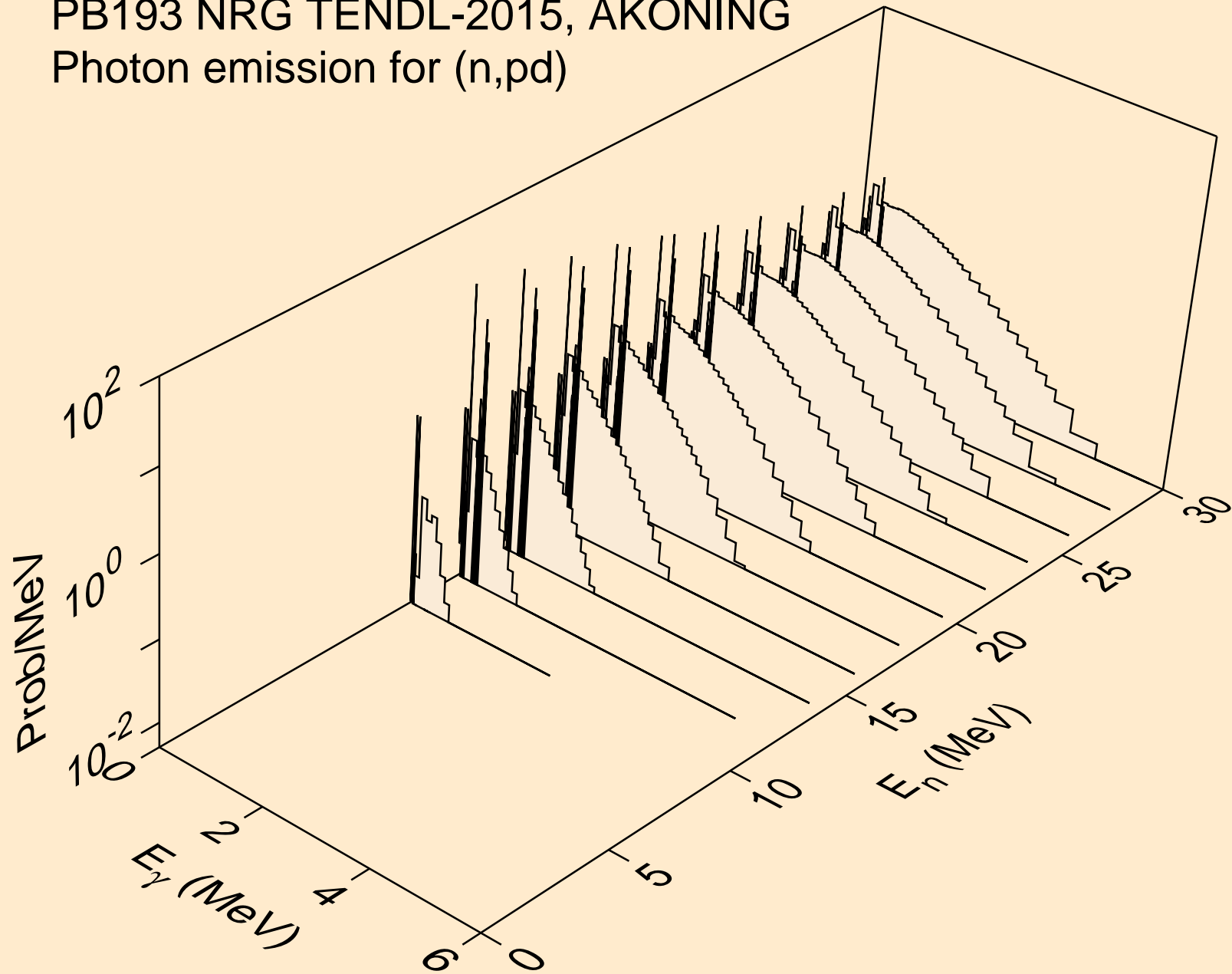


PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

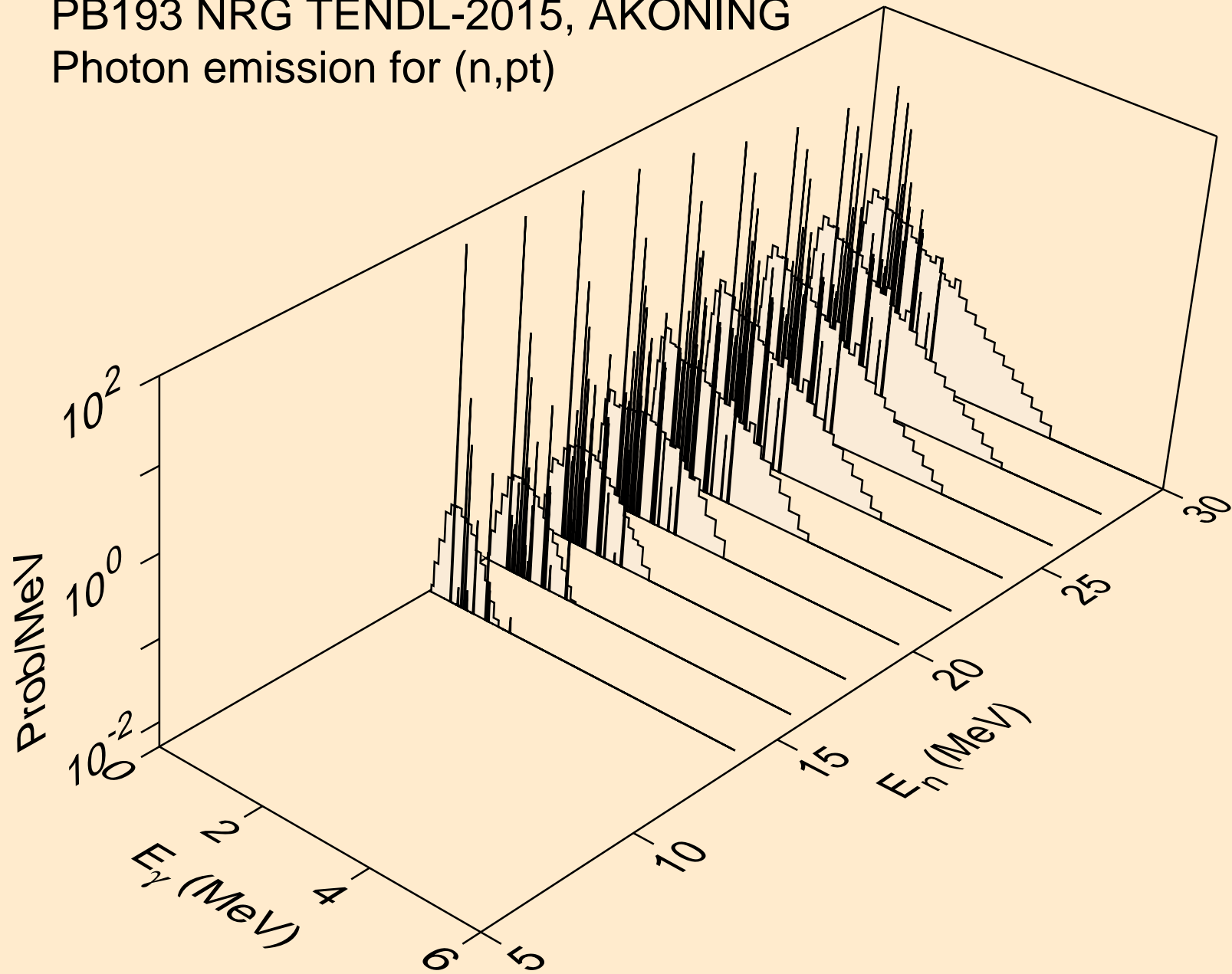




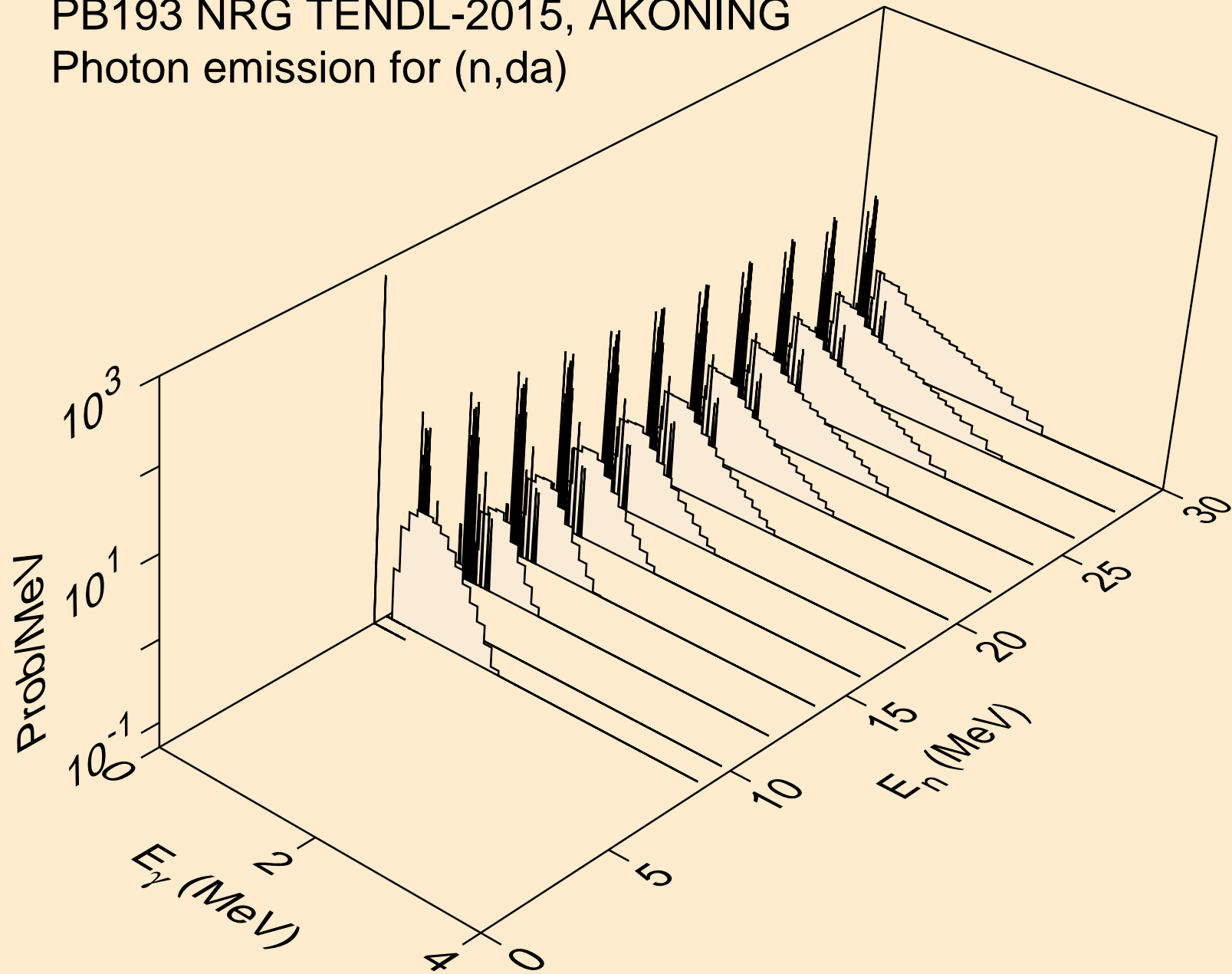
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



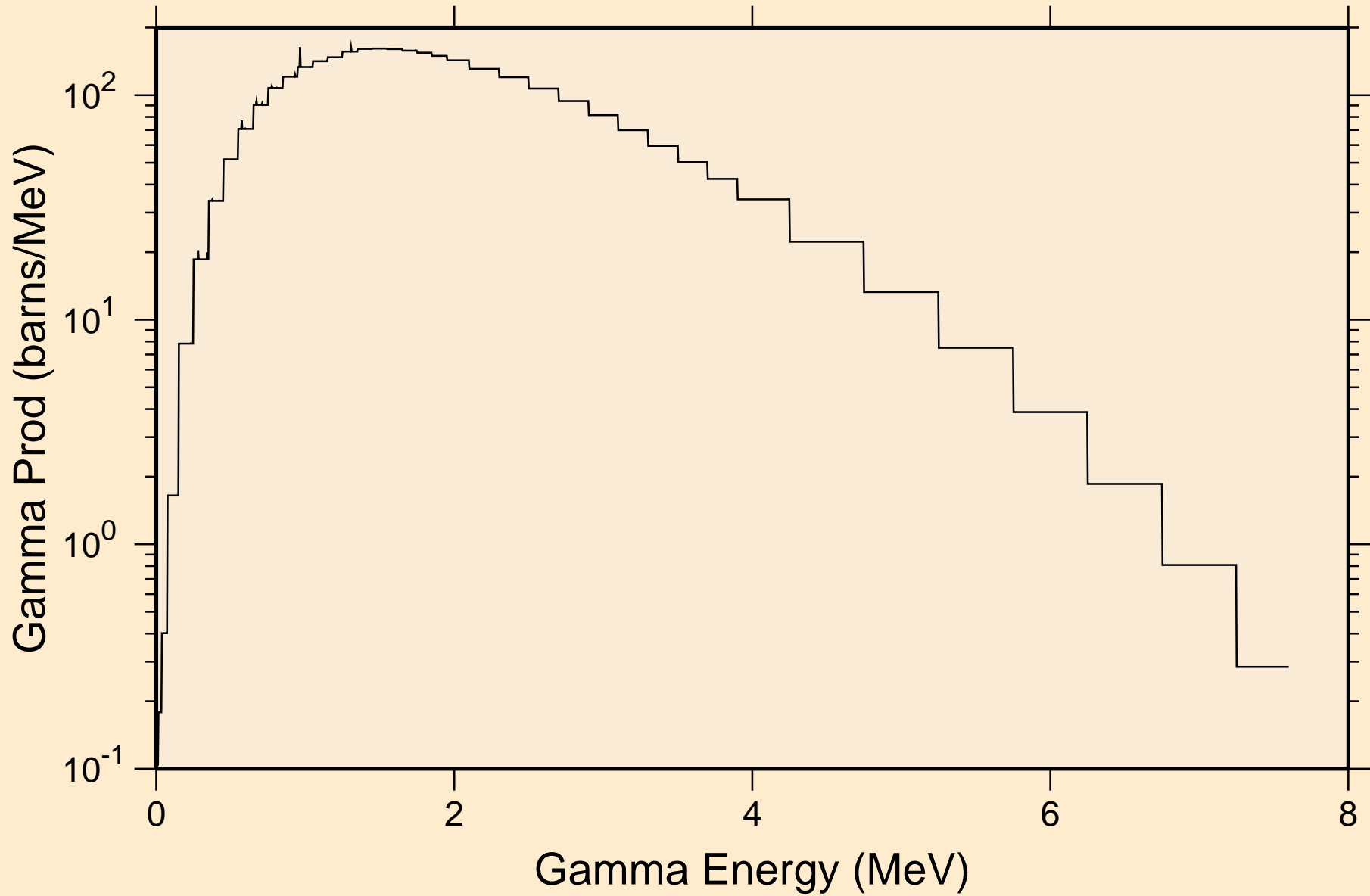
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



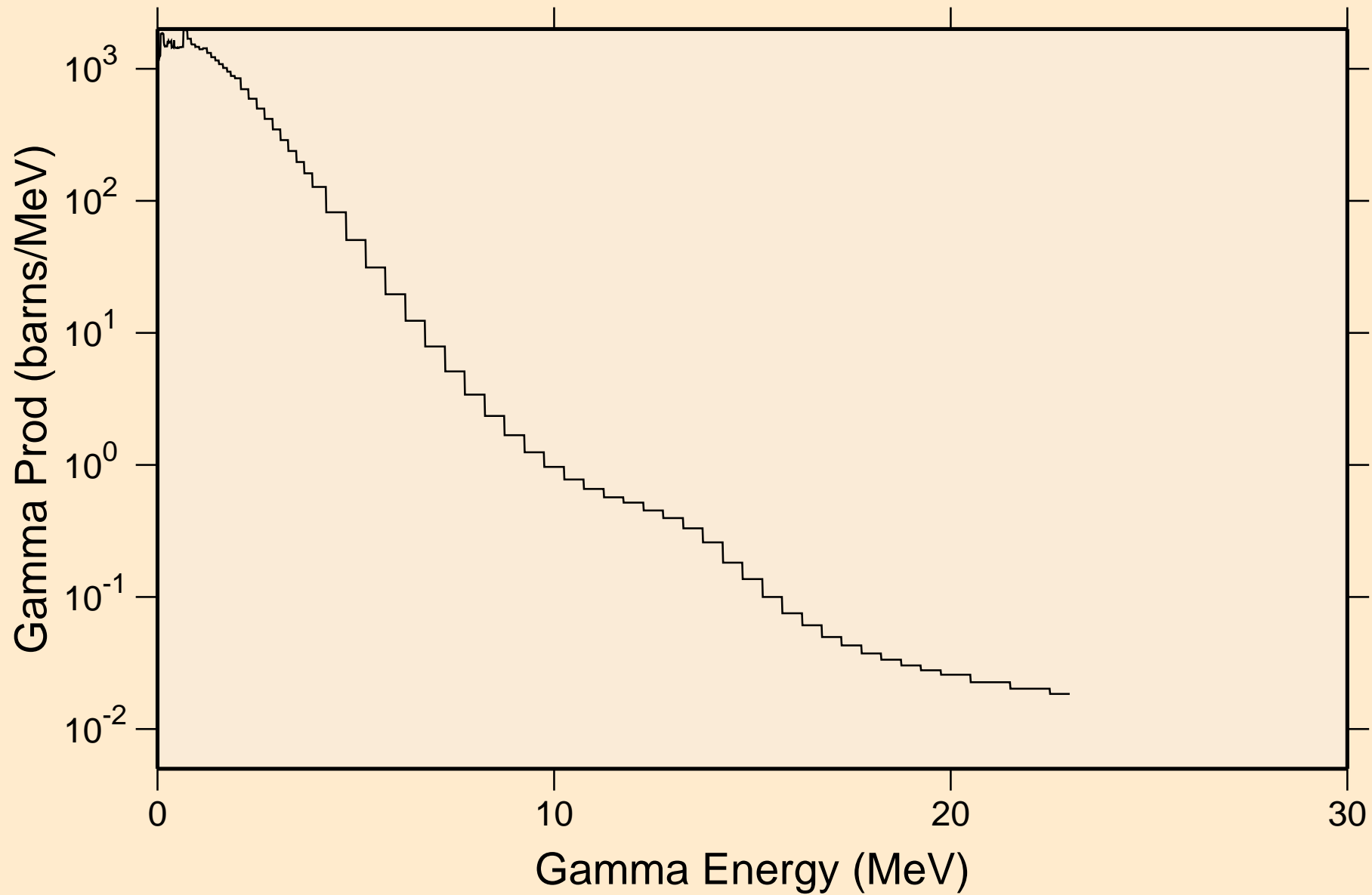
PB193 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PB193 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

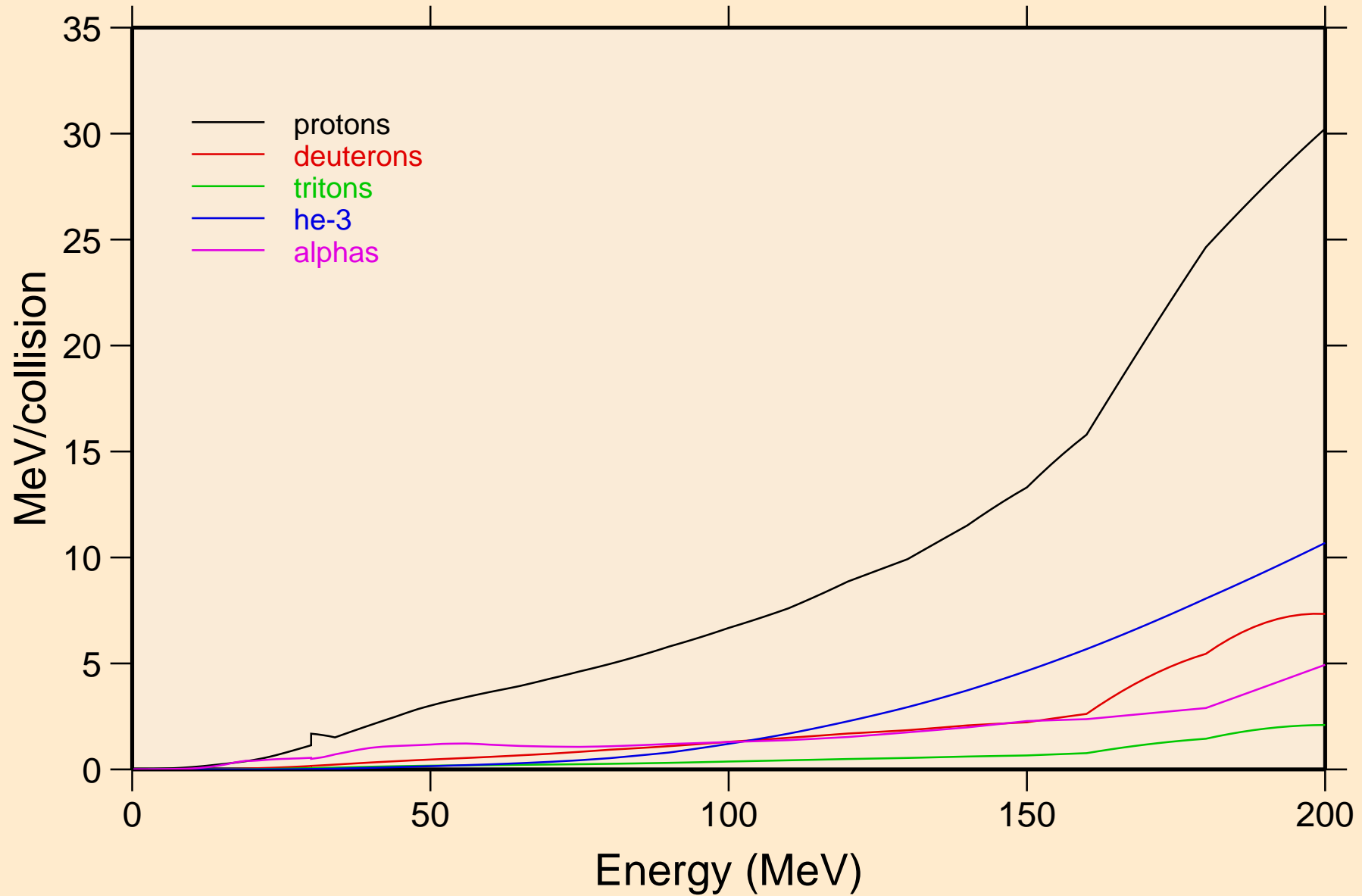


PB193 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



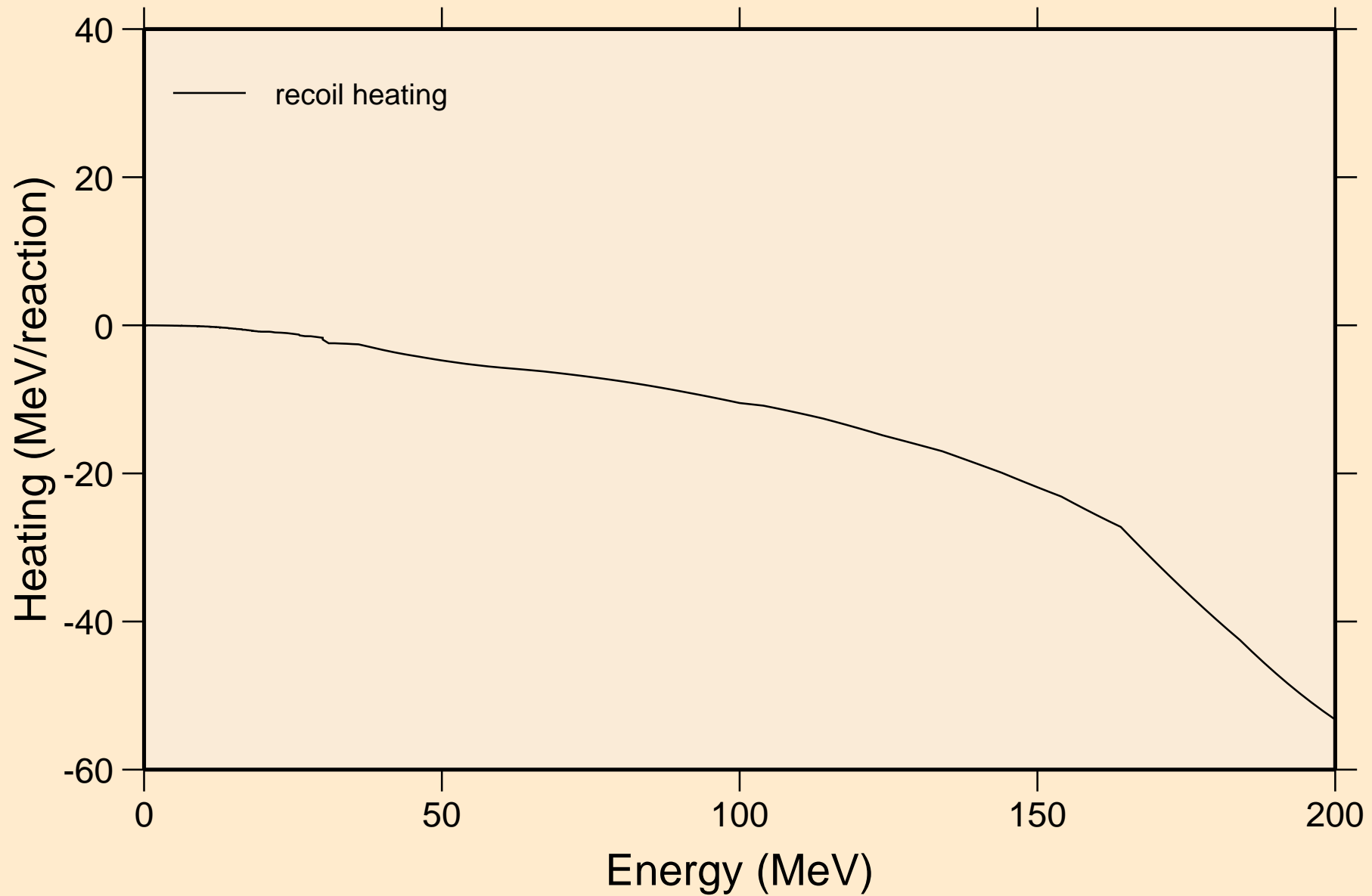
# PB193 NRG TENDL-2015, AKONING

## Particle heating contributions



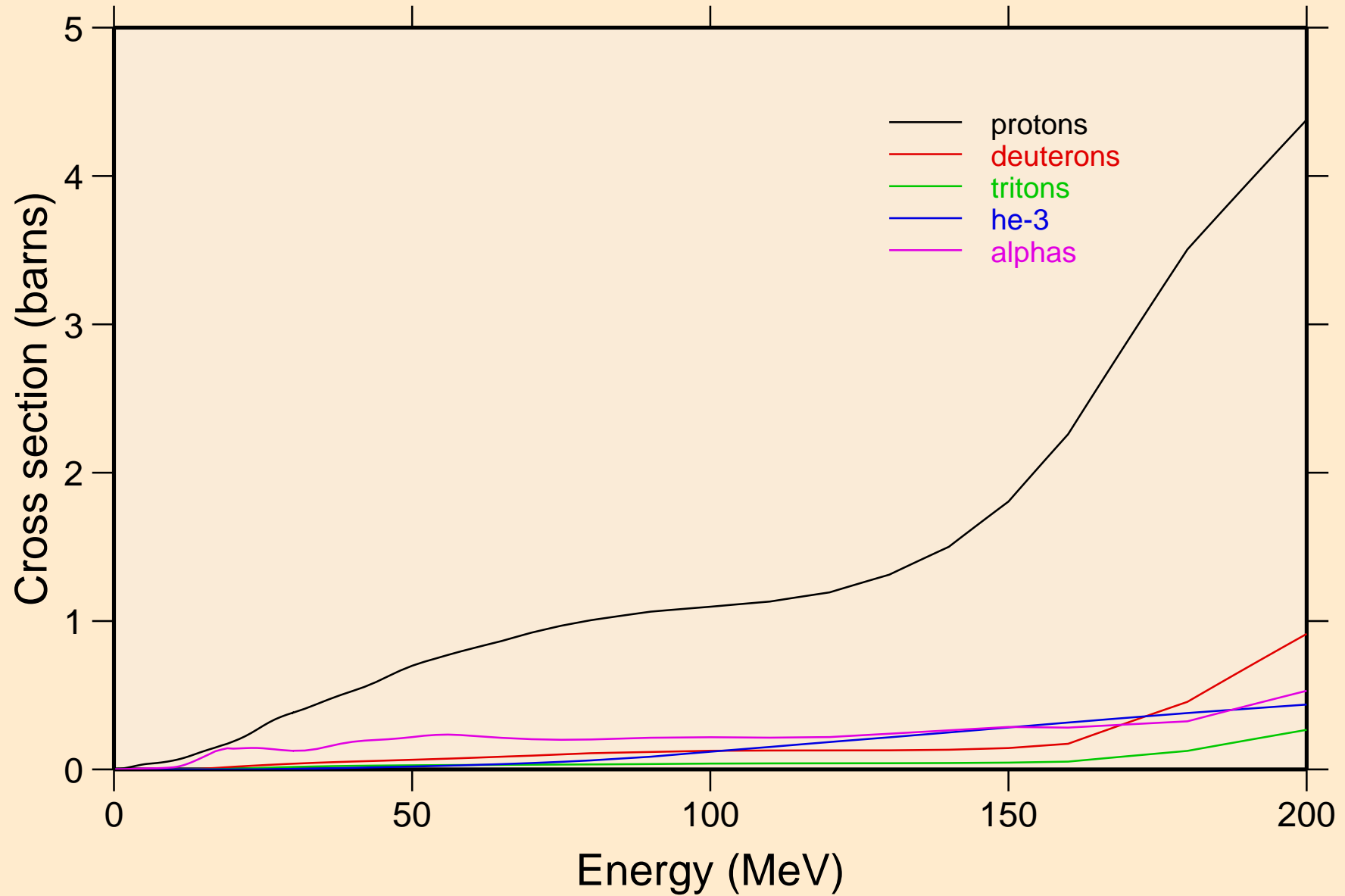
# PB193 NRG TENDL-2015, AKONING

## Recoil Heating



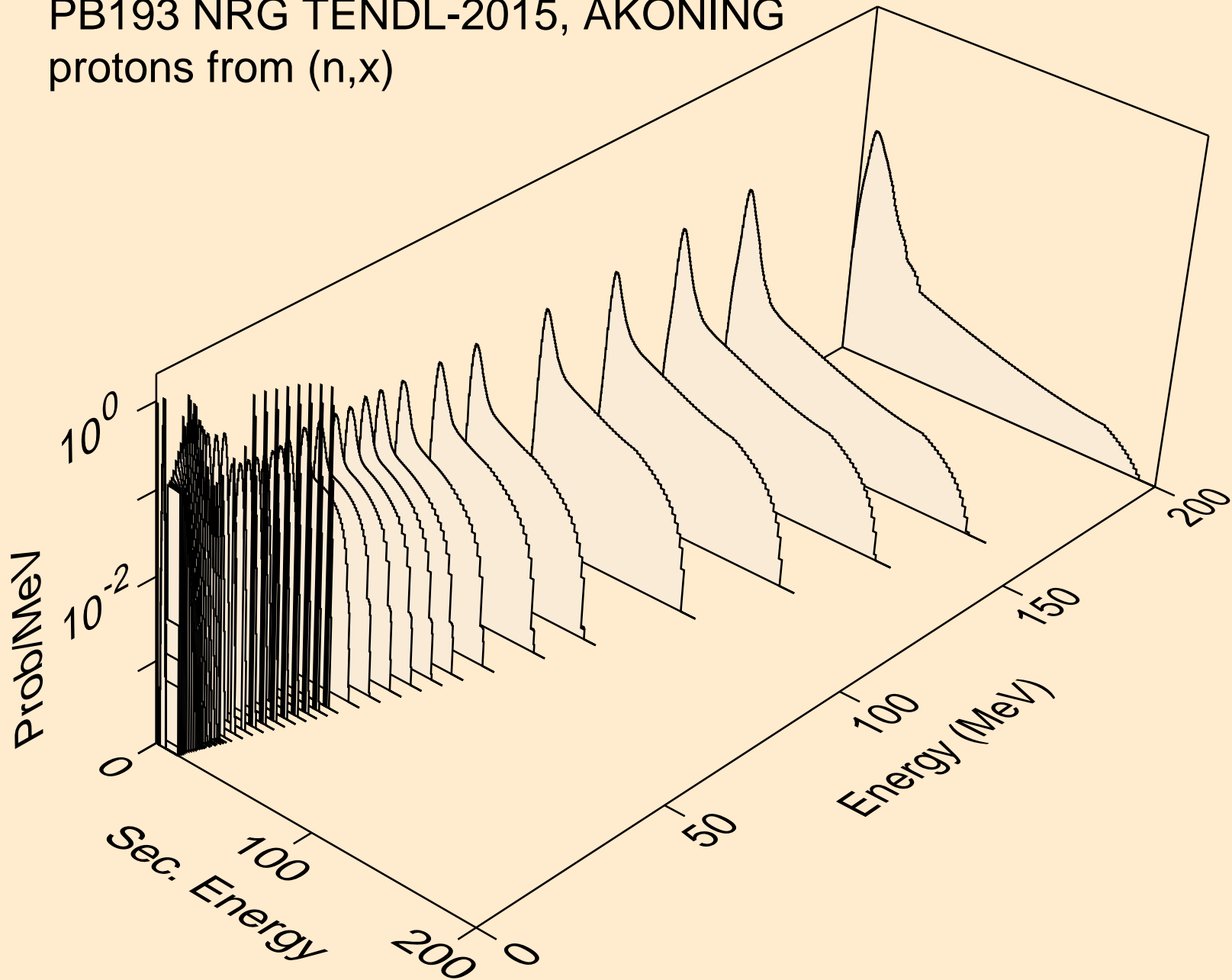
# PB193 NRG TENDL-2015, AKONING

## Particle production cross sections

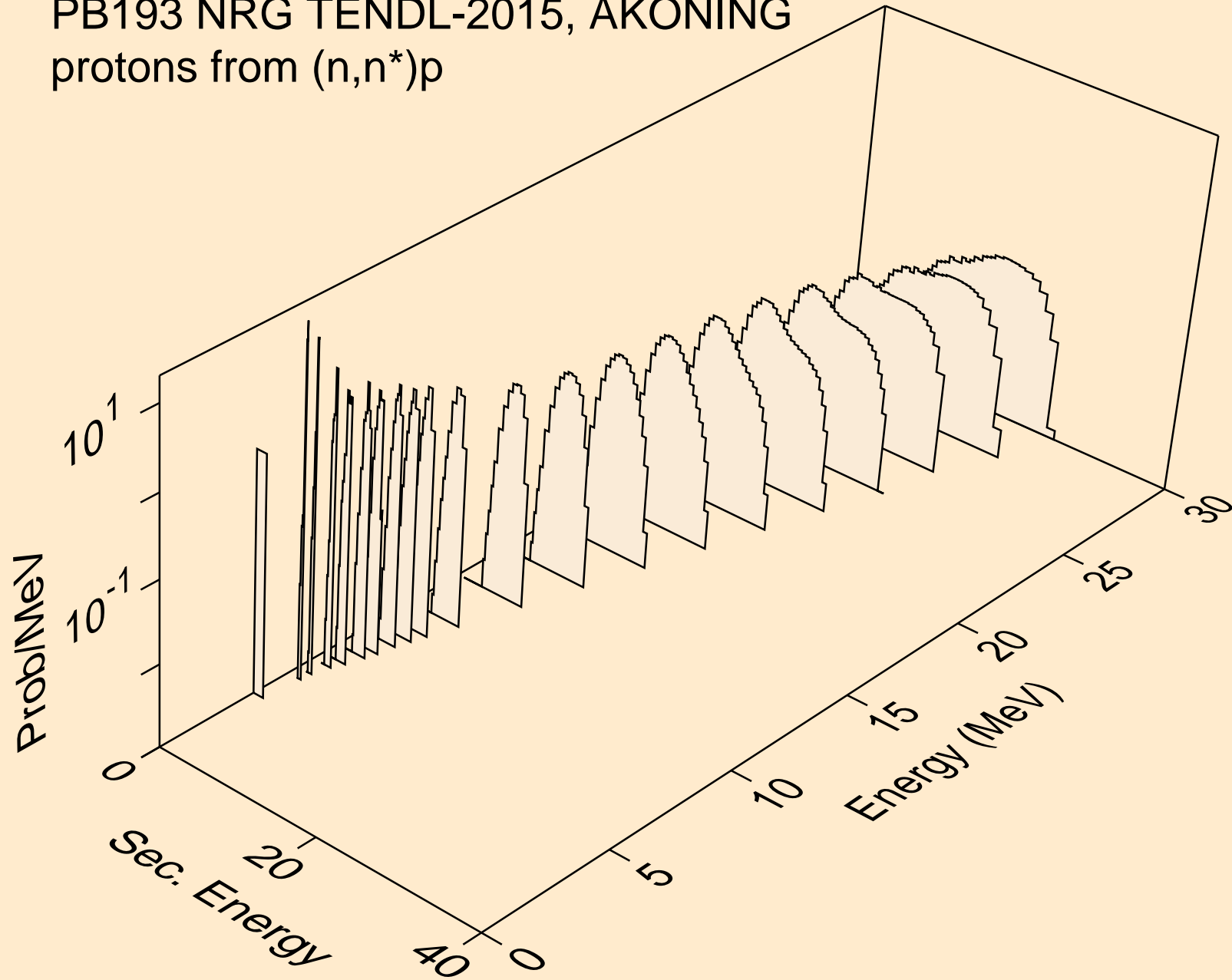




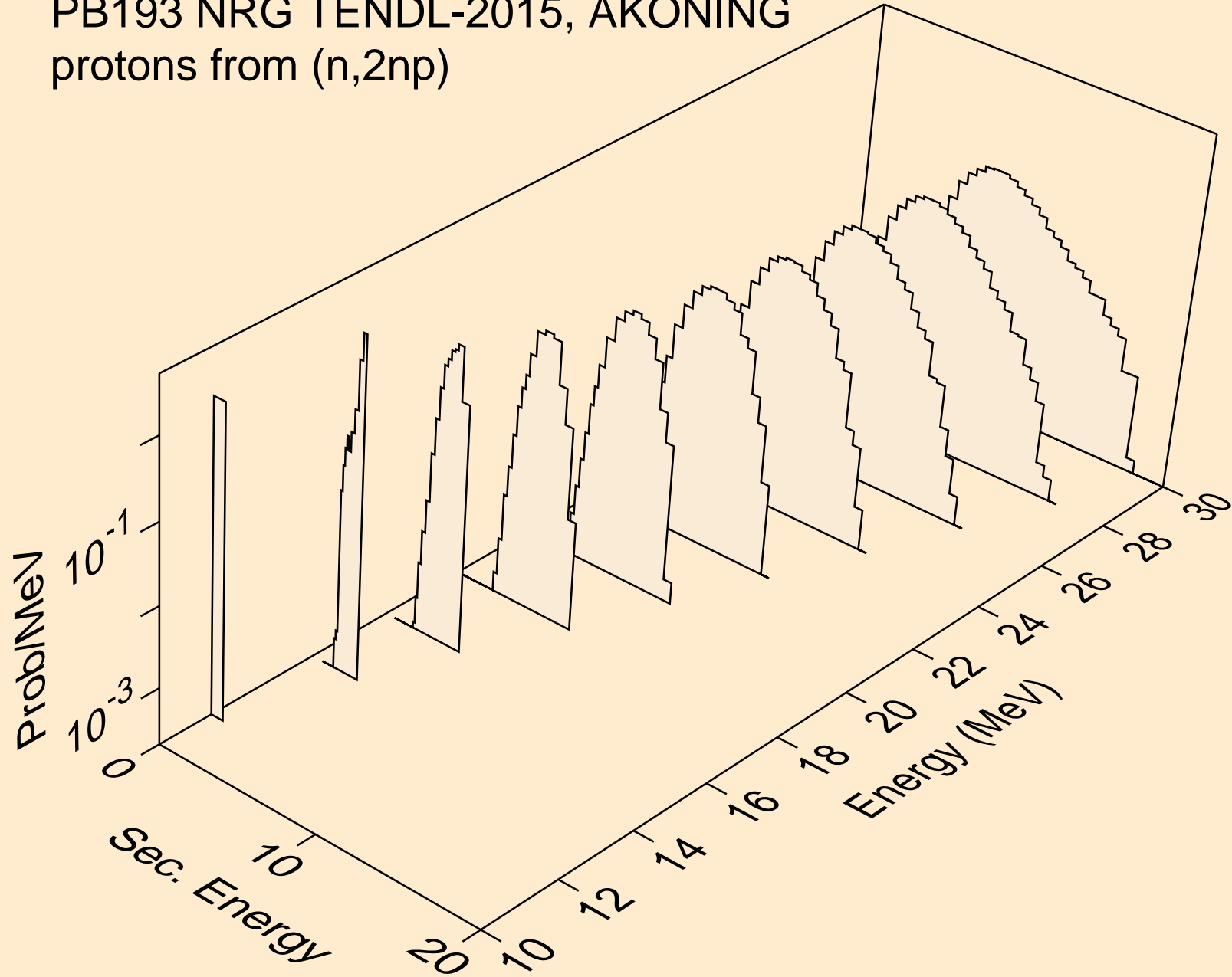
PB193 NRG TENDL-2015, AKONING  
protons from (n,x)



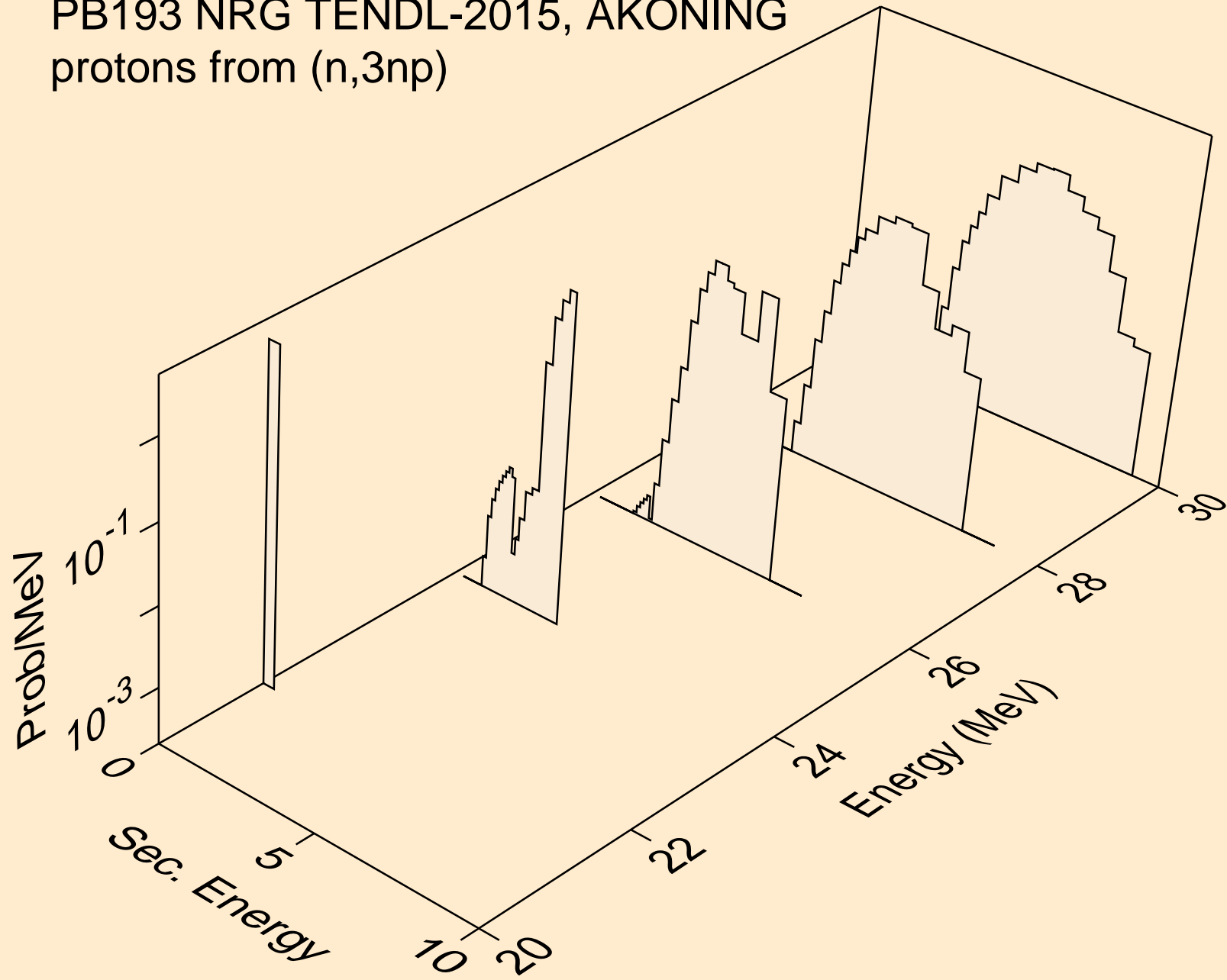
PB193 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



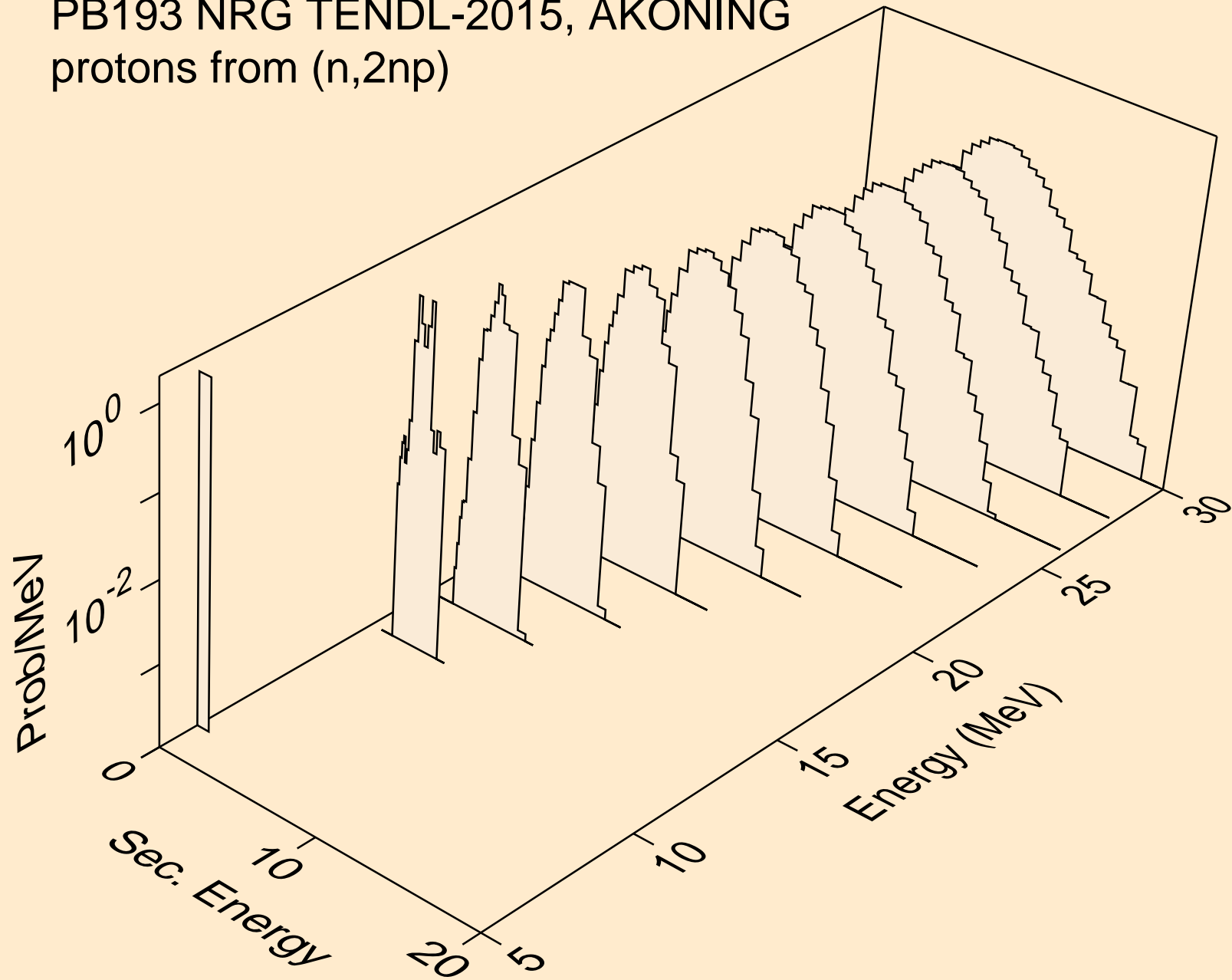
PB193 NRG TENDL-2015, AKONING  
protons from (n,2np)



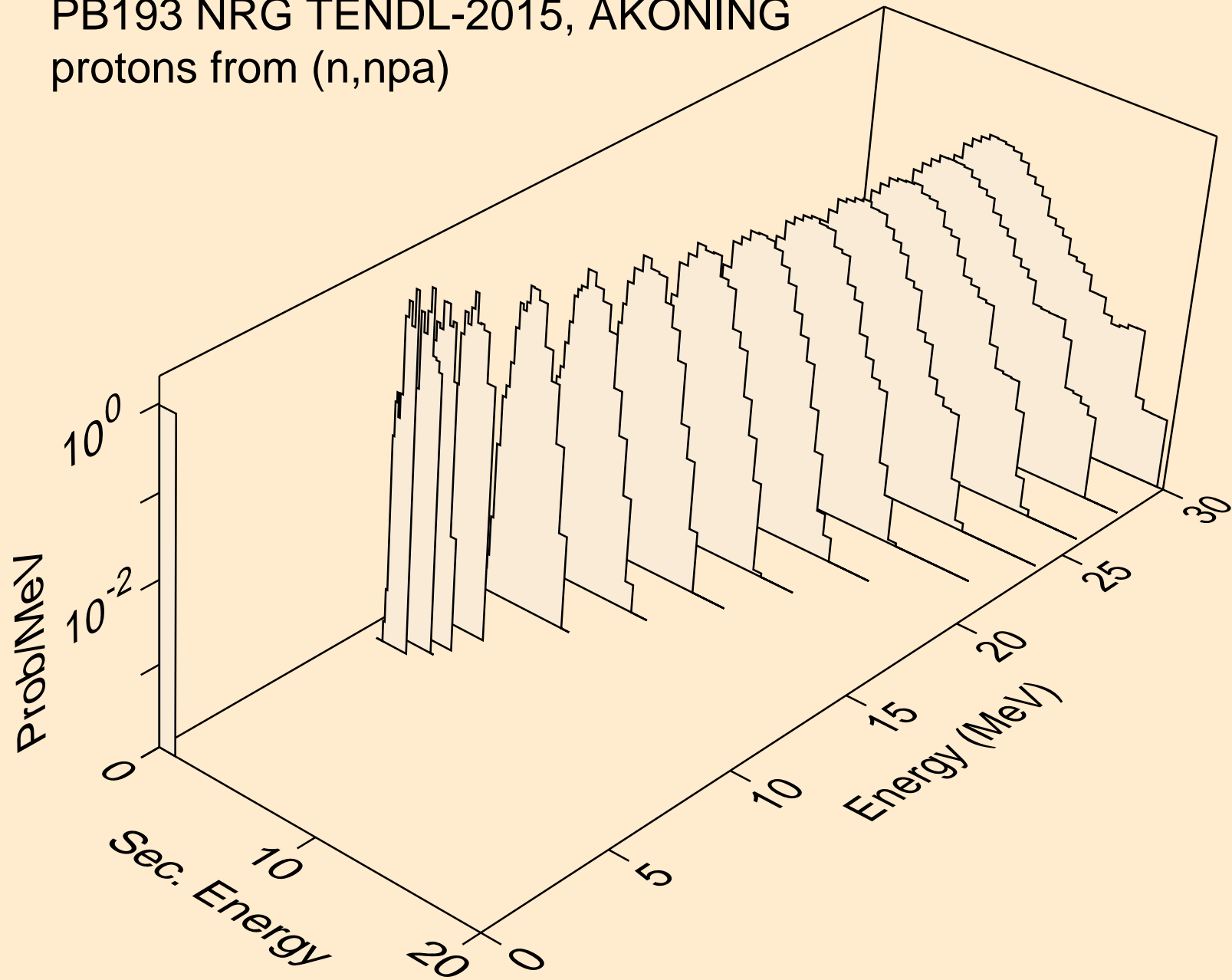
PB193 NRG TENDL-2015, AKONING  
protons from (n,3np)



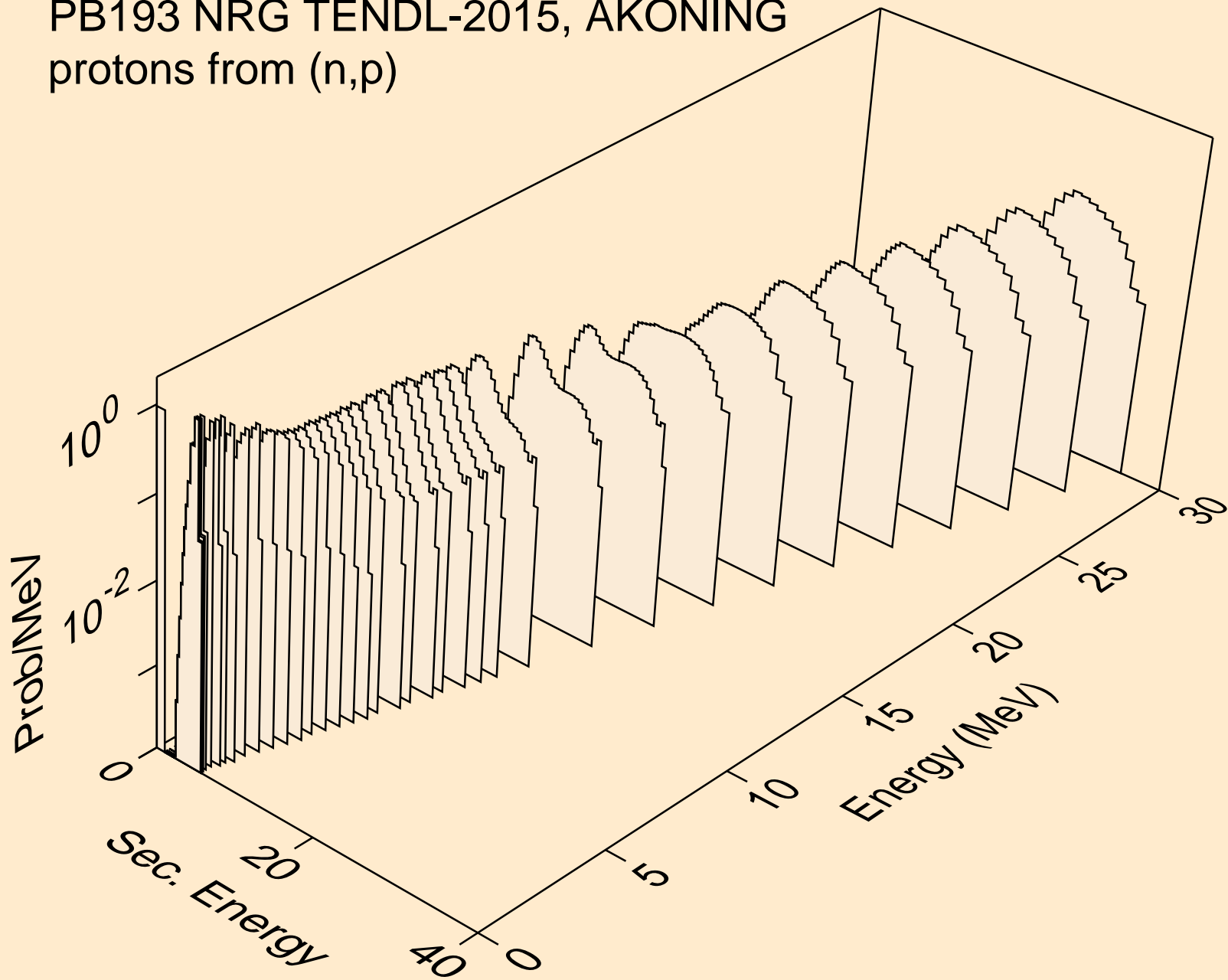
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protons from (n,2np)



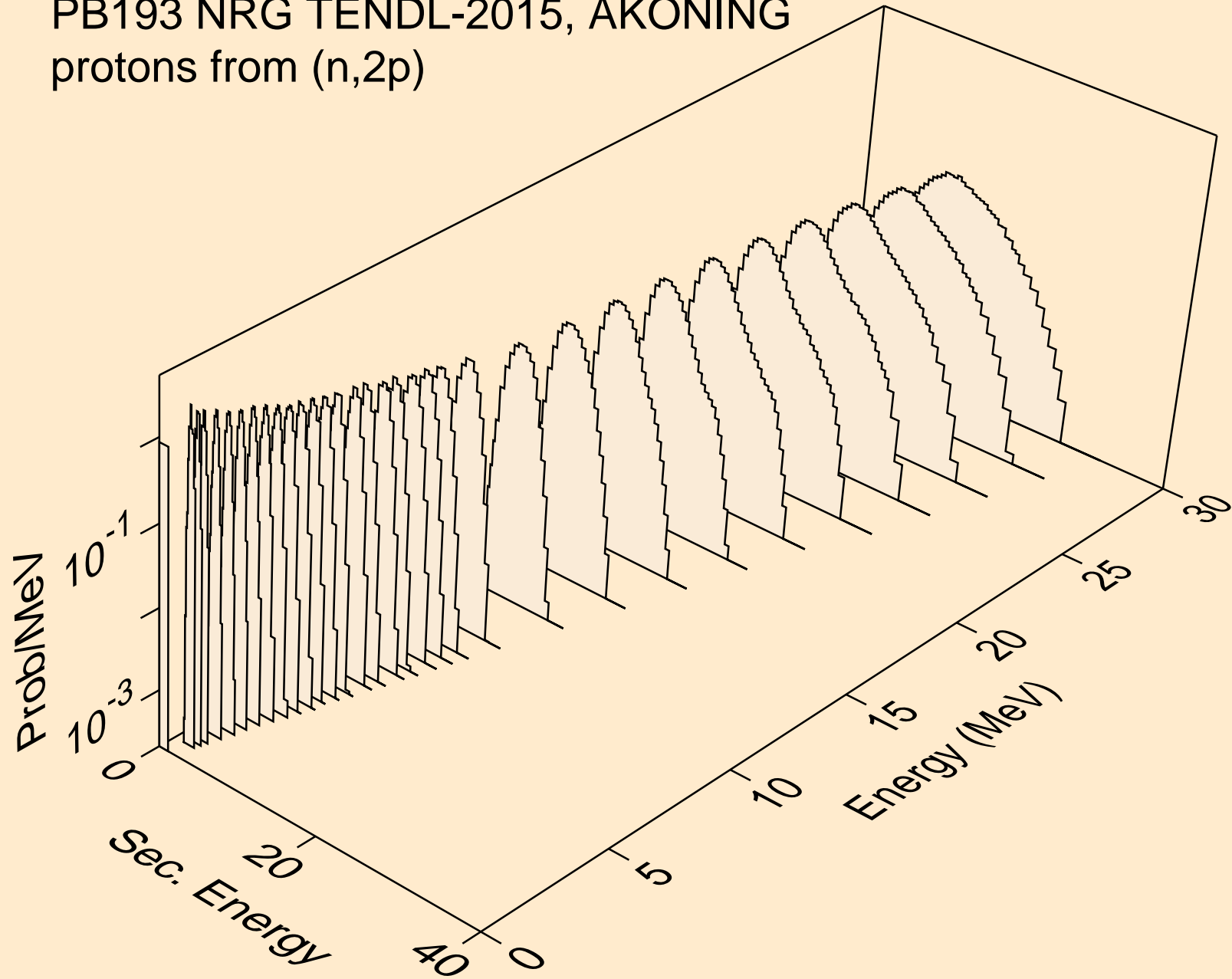
PB193 NRG TENDL-2015, AKONING  
protons from (n,npa)



PB193 NRG TENDL-2015, AKONING  
protons from (n,p)

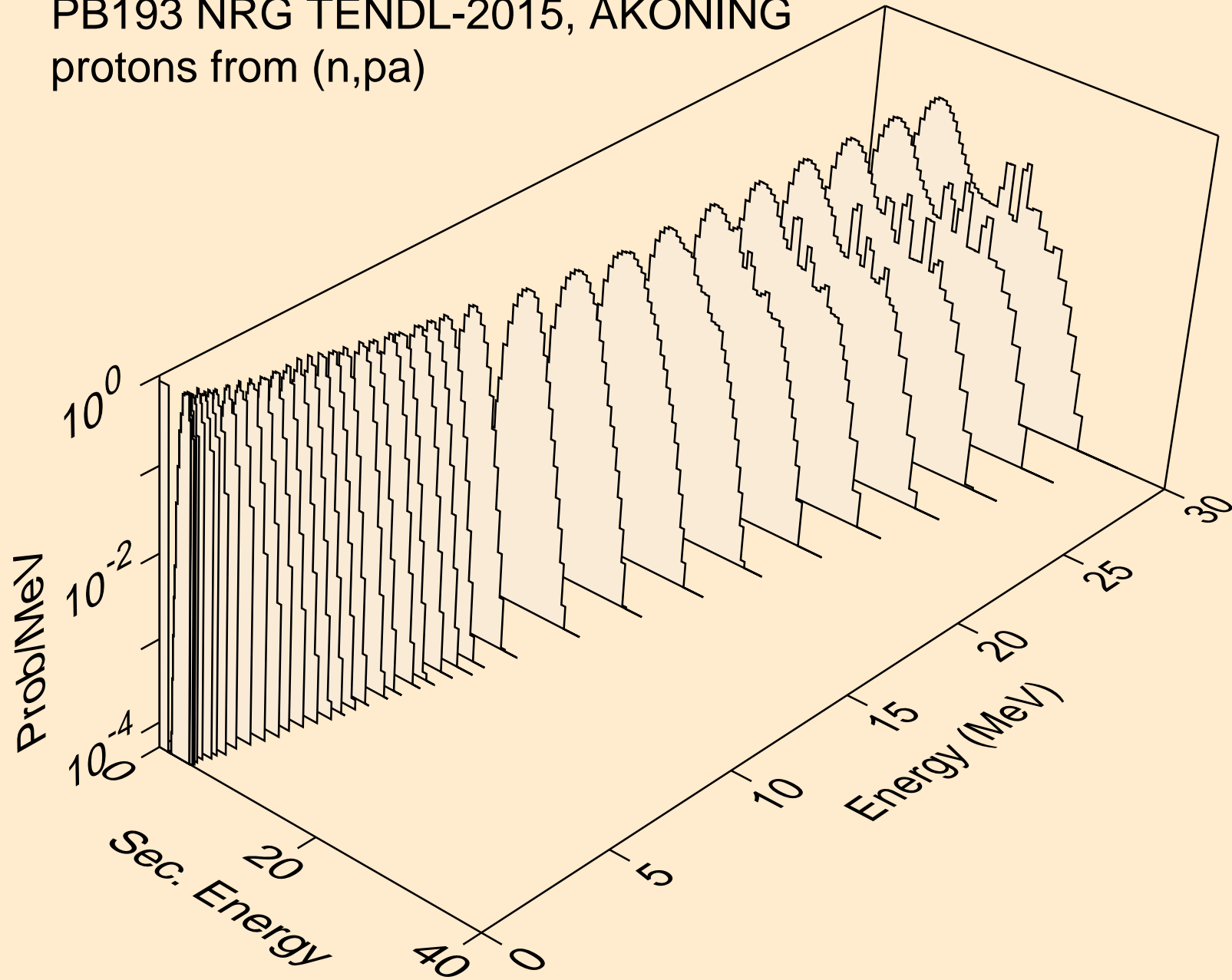


PB193 NRG TENDL-2015, AKONING  
protons from (n,2p)

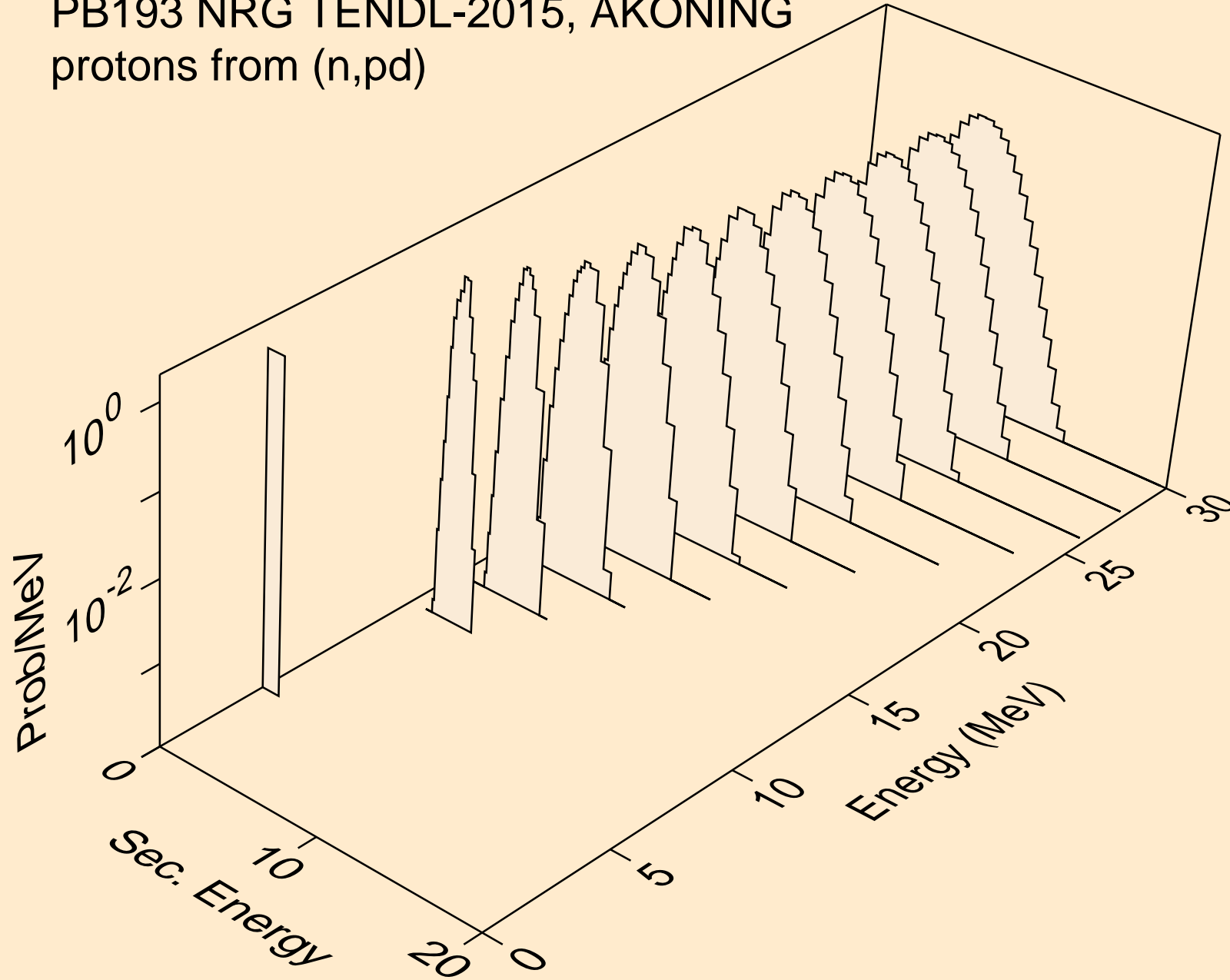




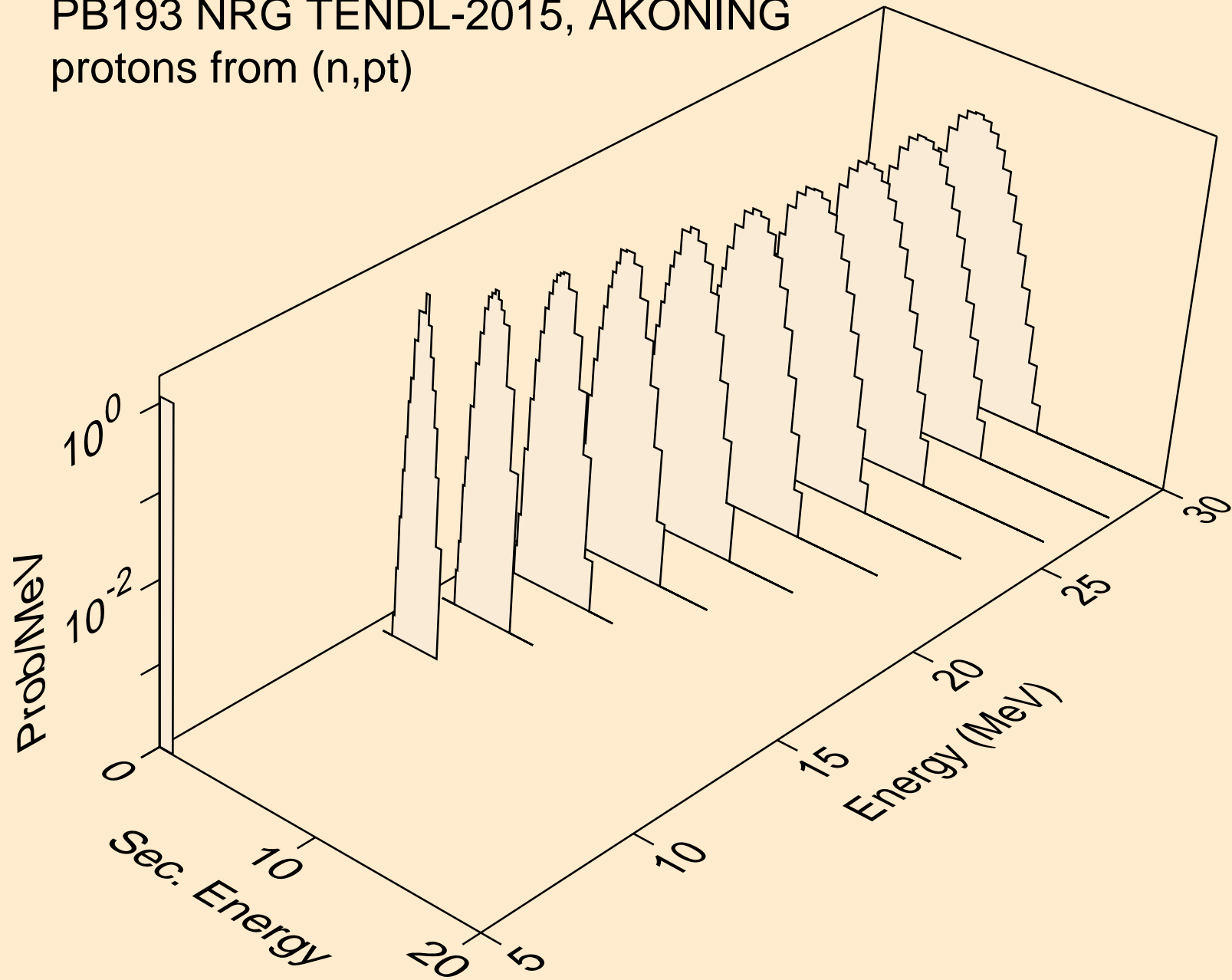
PB193 NRG TENDL-2015, AKONING  
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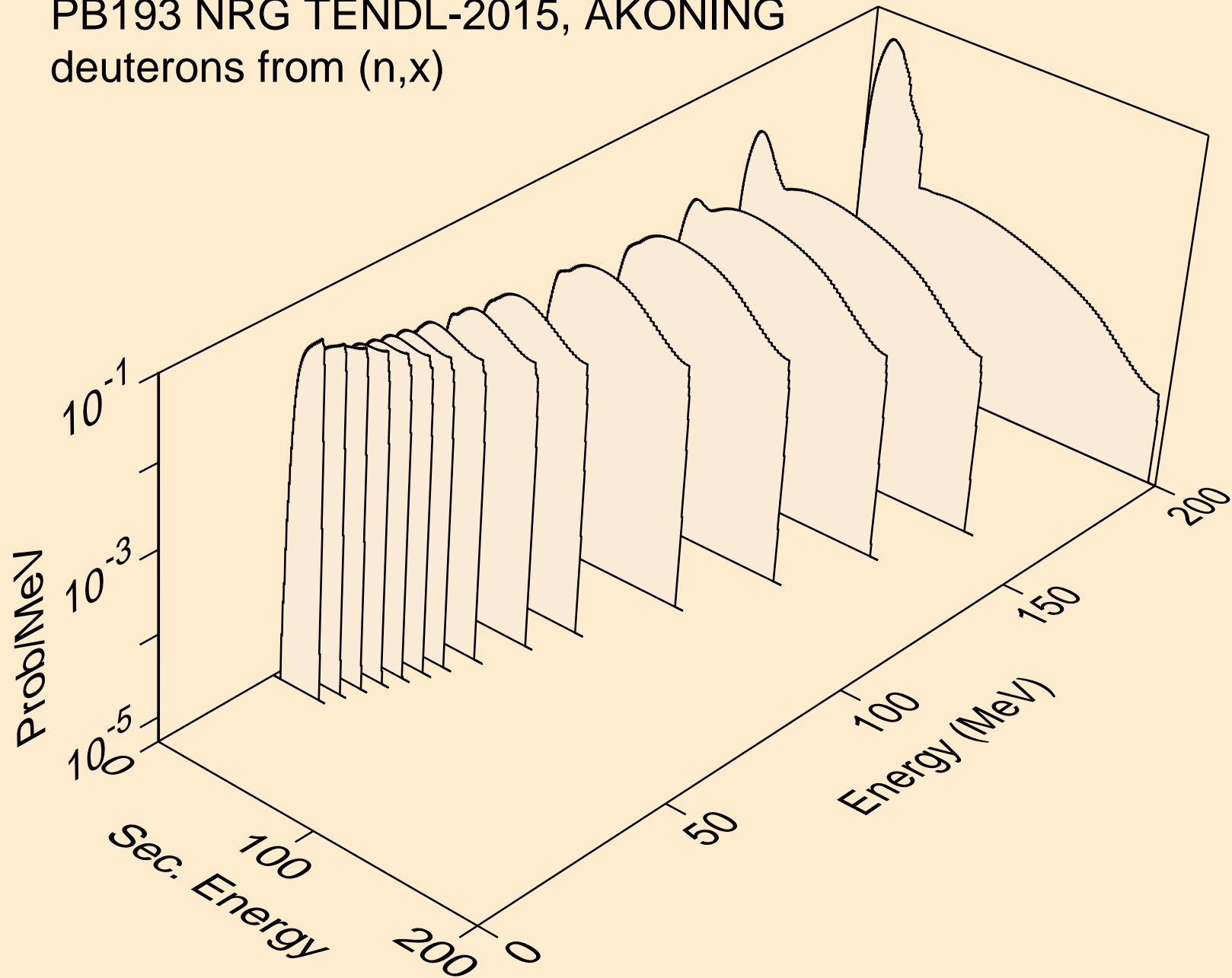
PB193 NRG TENDL-2015, AKONING  
protons from (n,pd)



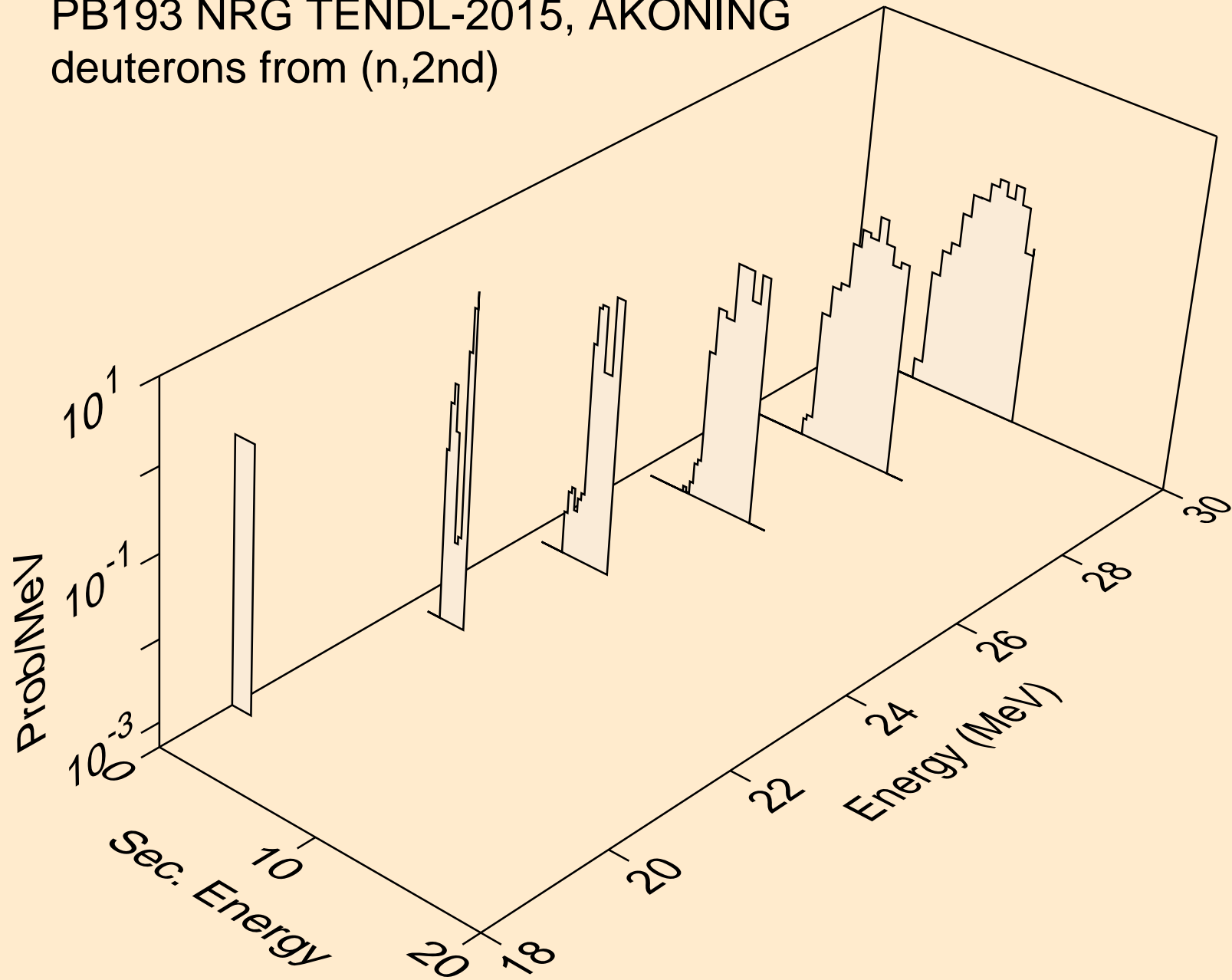
PB193 NRG TENDL-2015, AKONING  
protons from (n,pt)



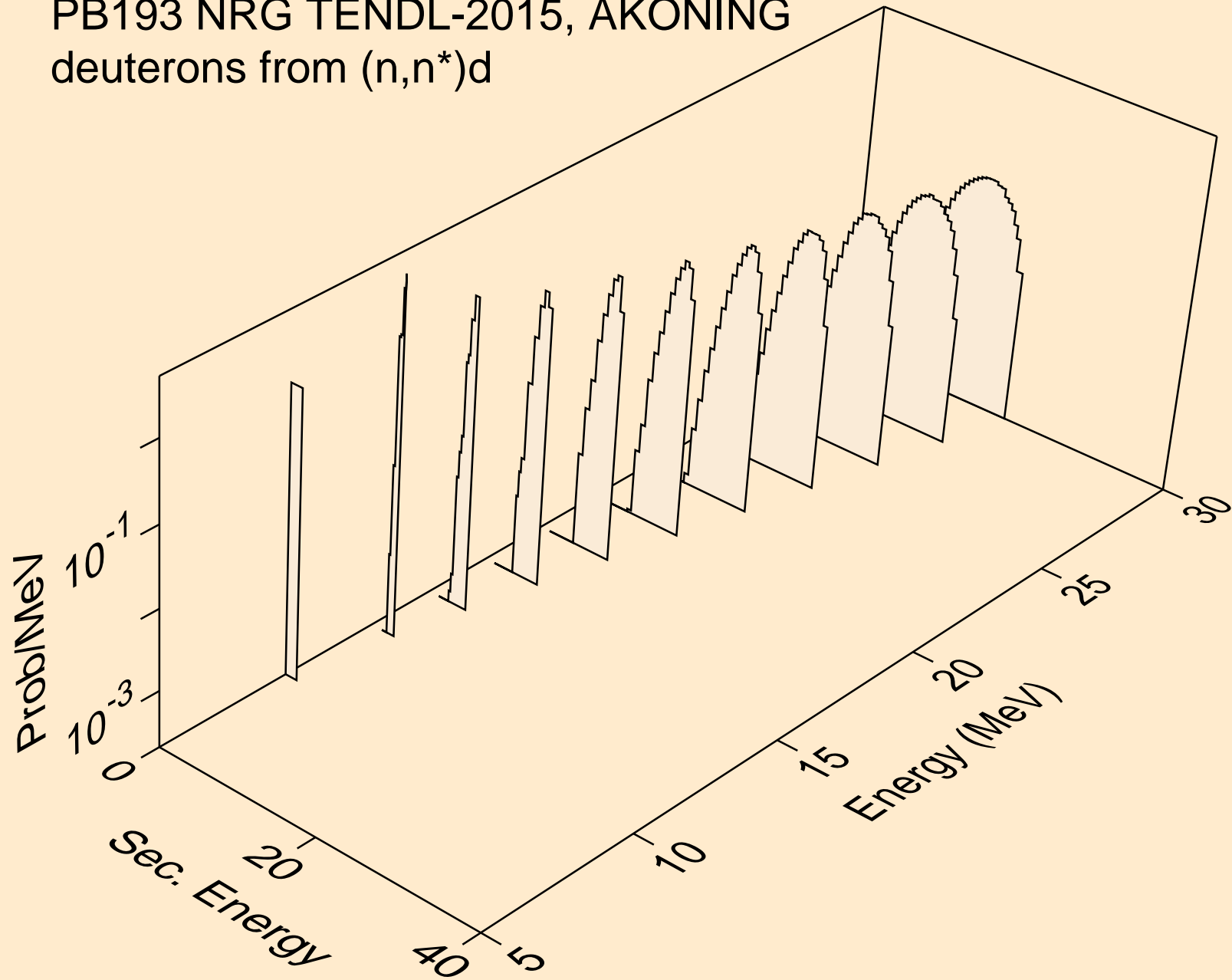
PB193 NRG TENDL-2015, AKONING  
deuterons from (n,x)



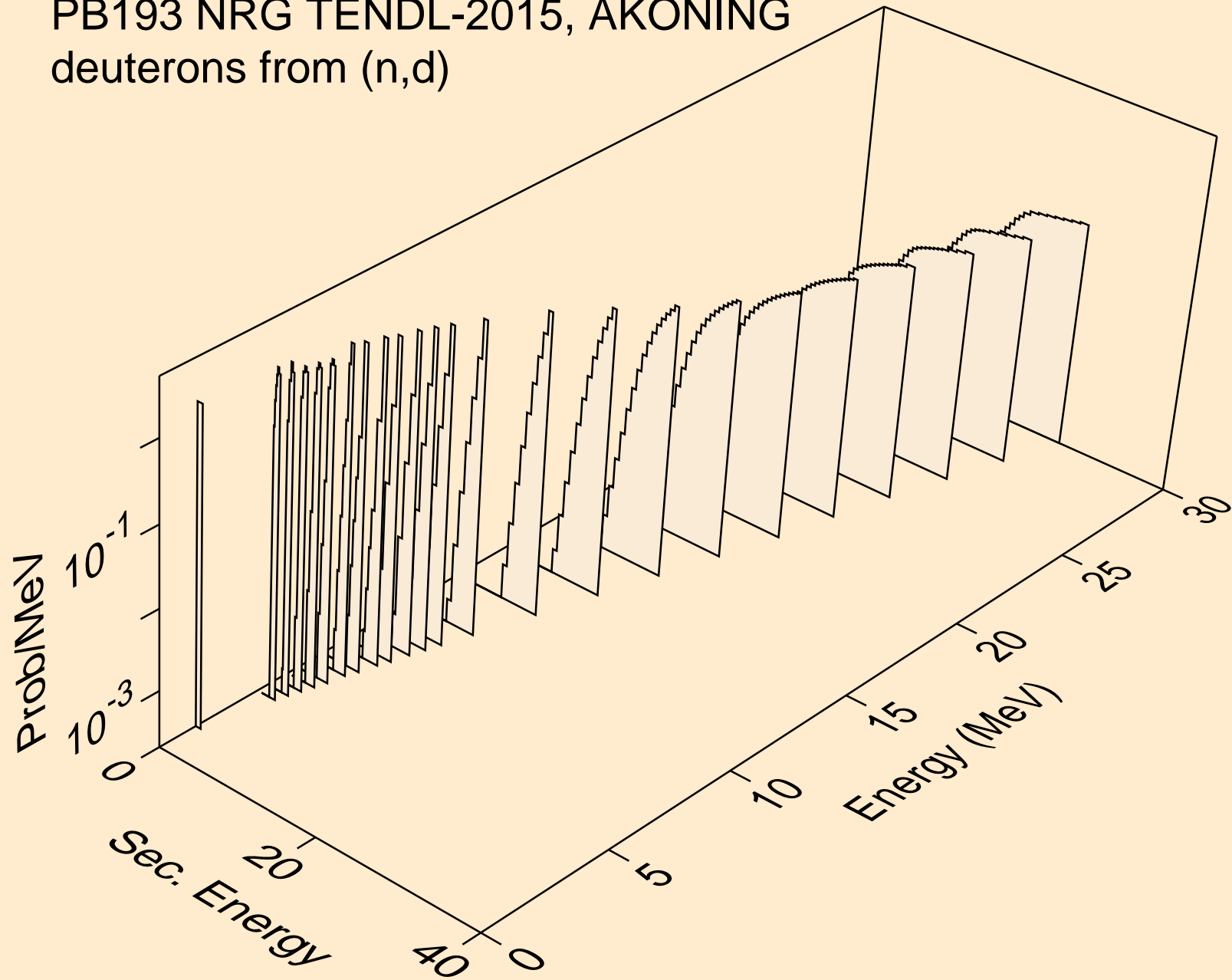
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deuterons from (n,2nd)



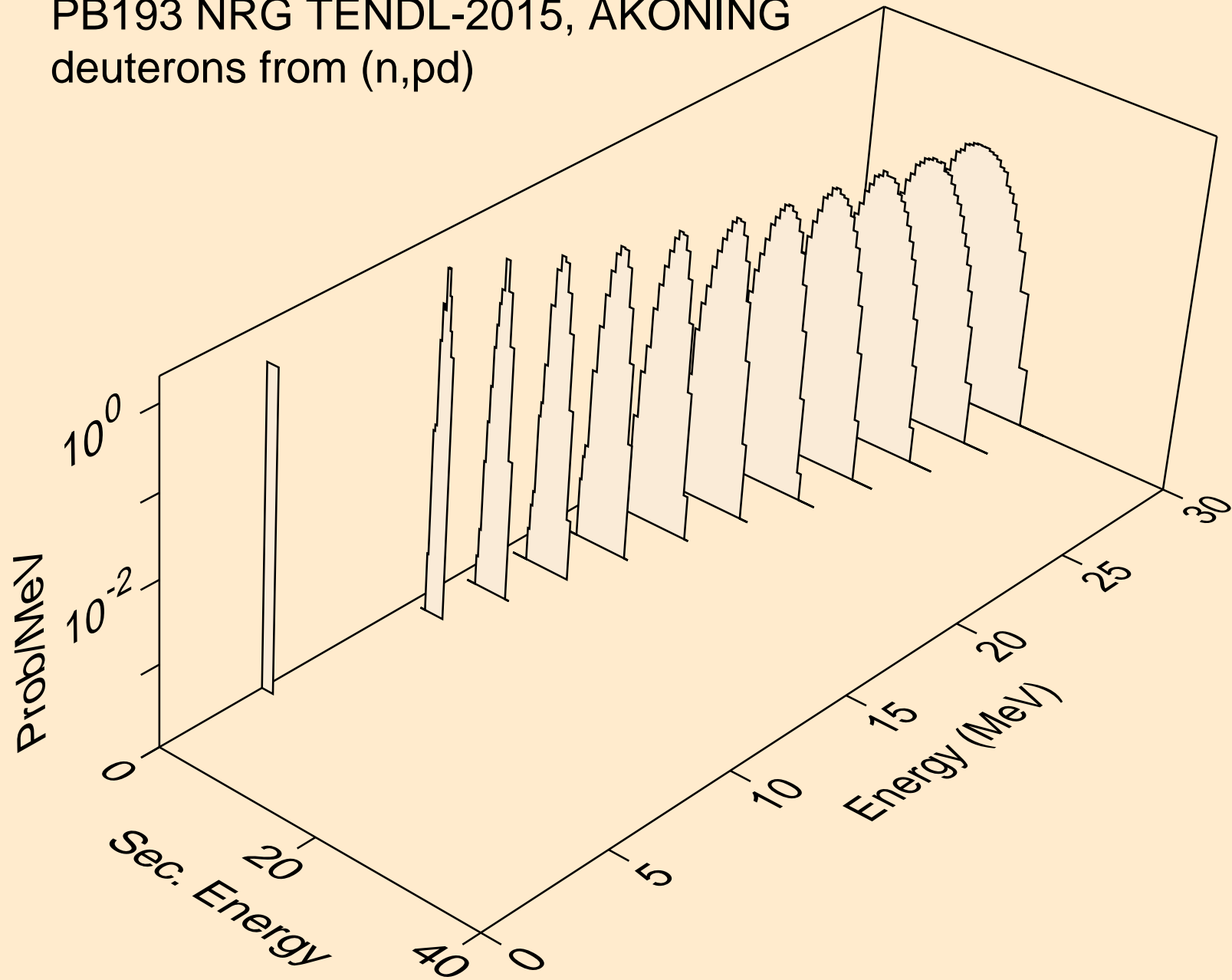
PB193 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PB193 NRG TENDL-2015, AKONING  
deuterons from (n,d)

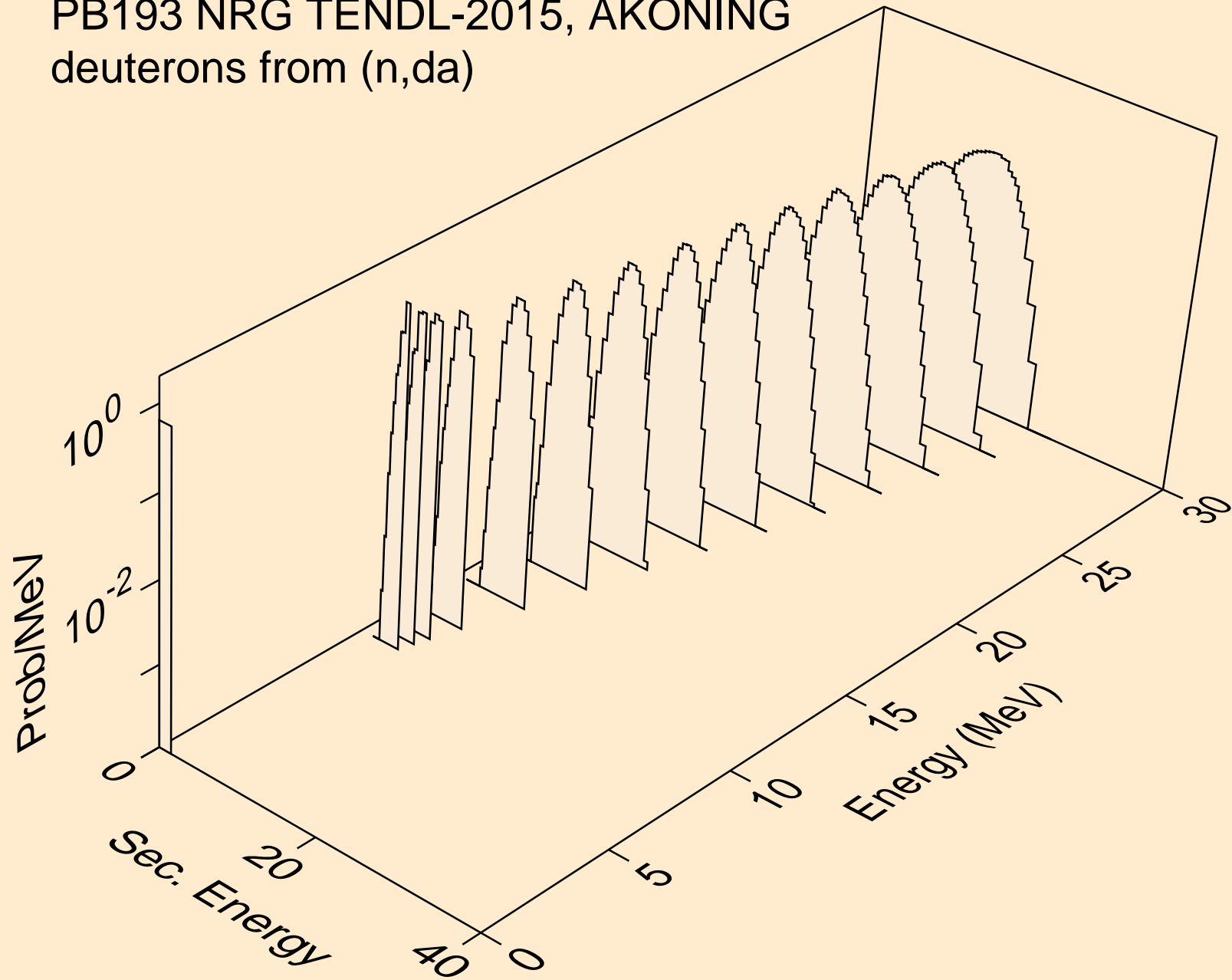


PB193 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

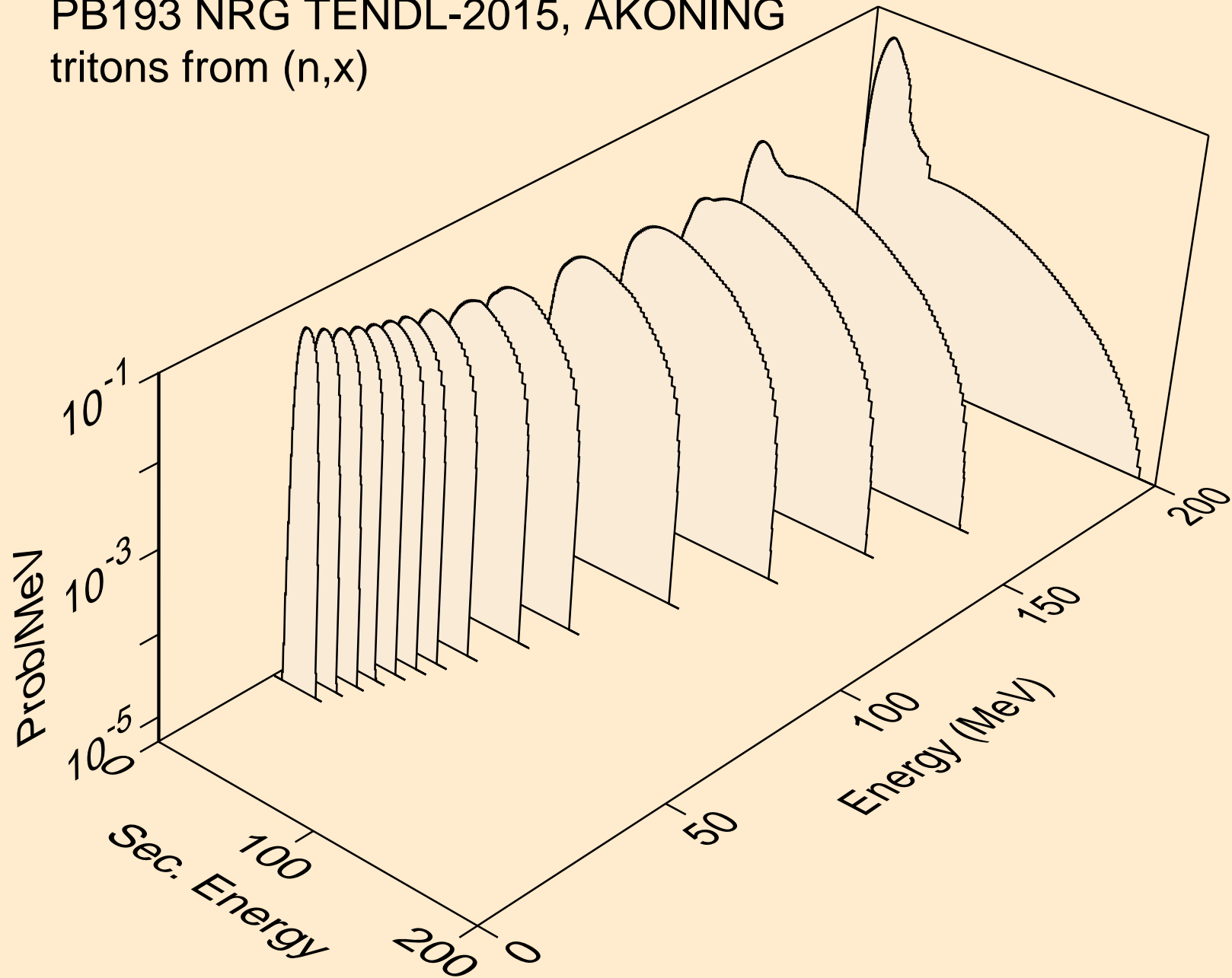




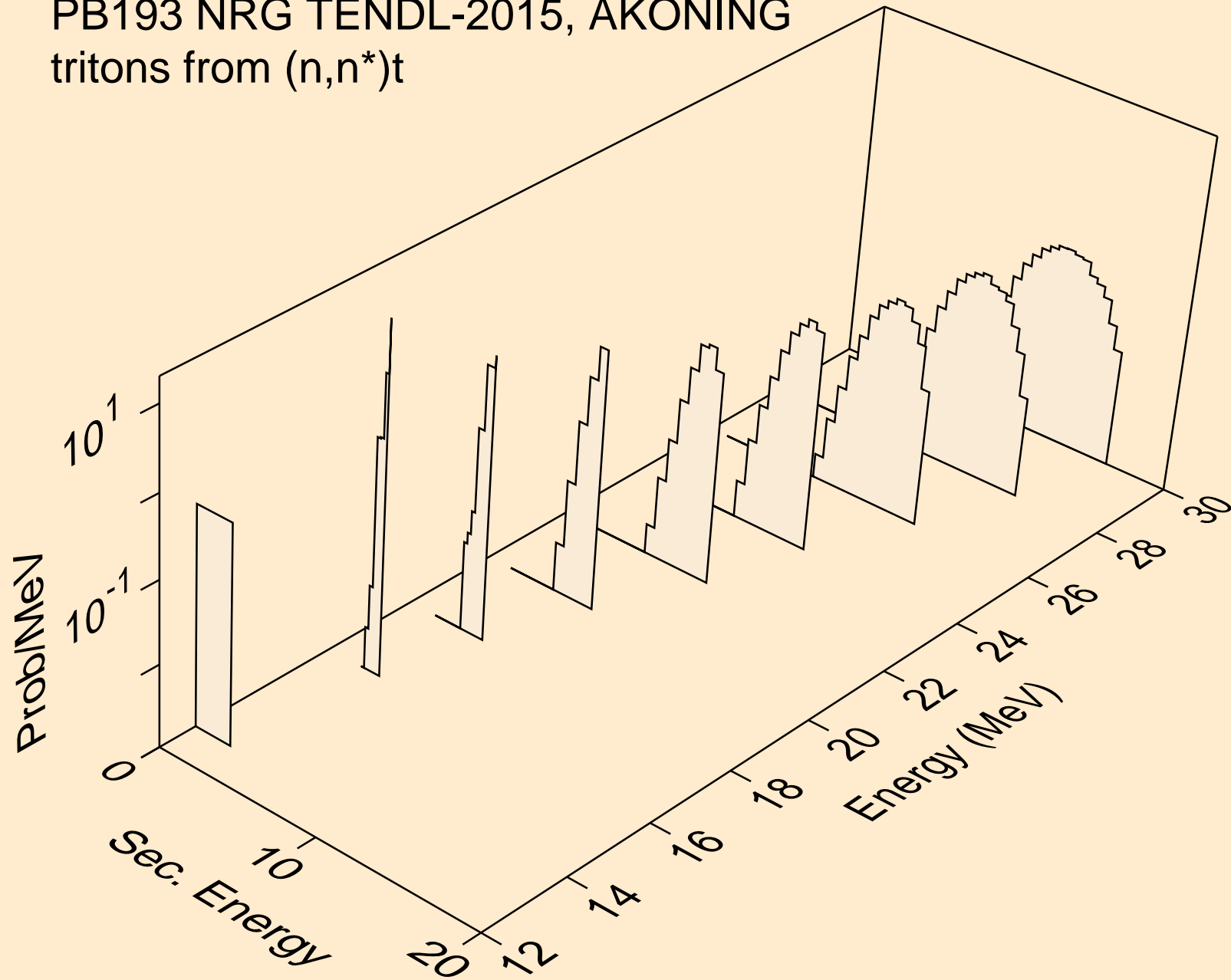
PB193 NRG TENDL-2015, AKONING  
deuterons from (n,da)



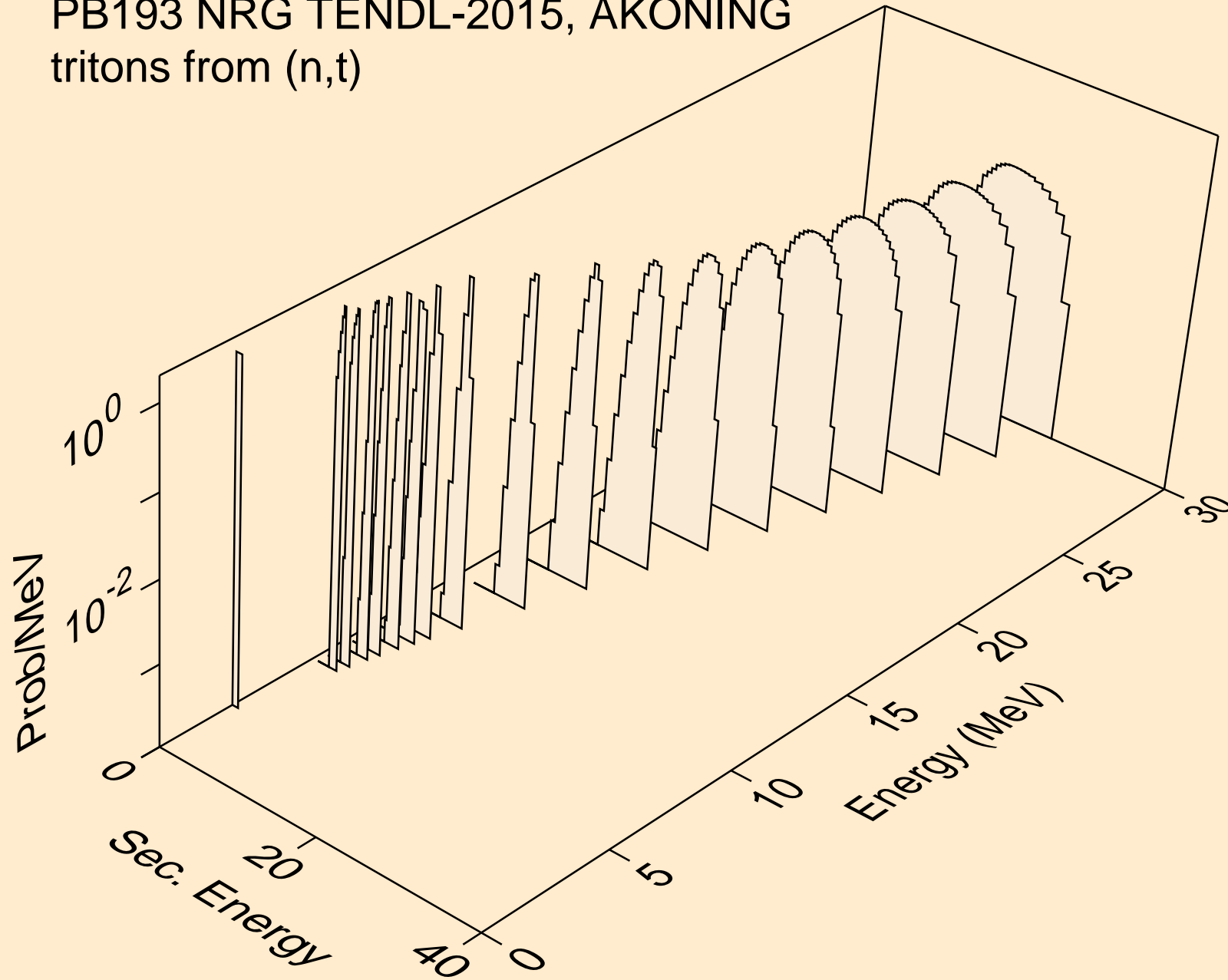
PB193 NRG TENDL-2015, AKONING  
tritons from (n,x)



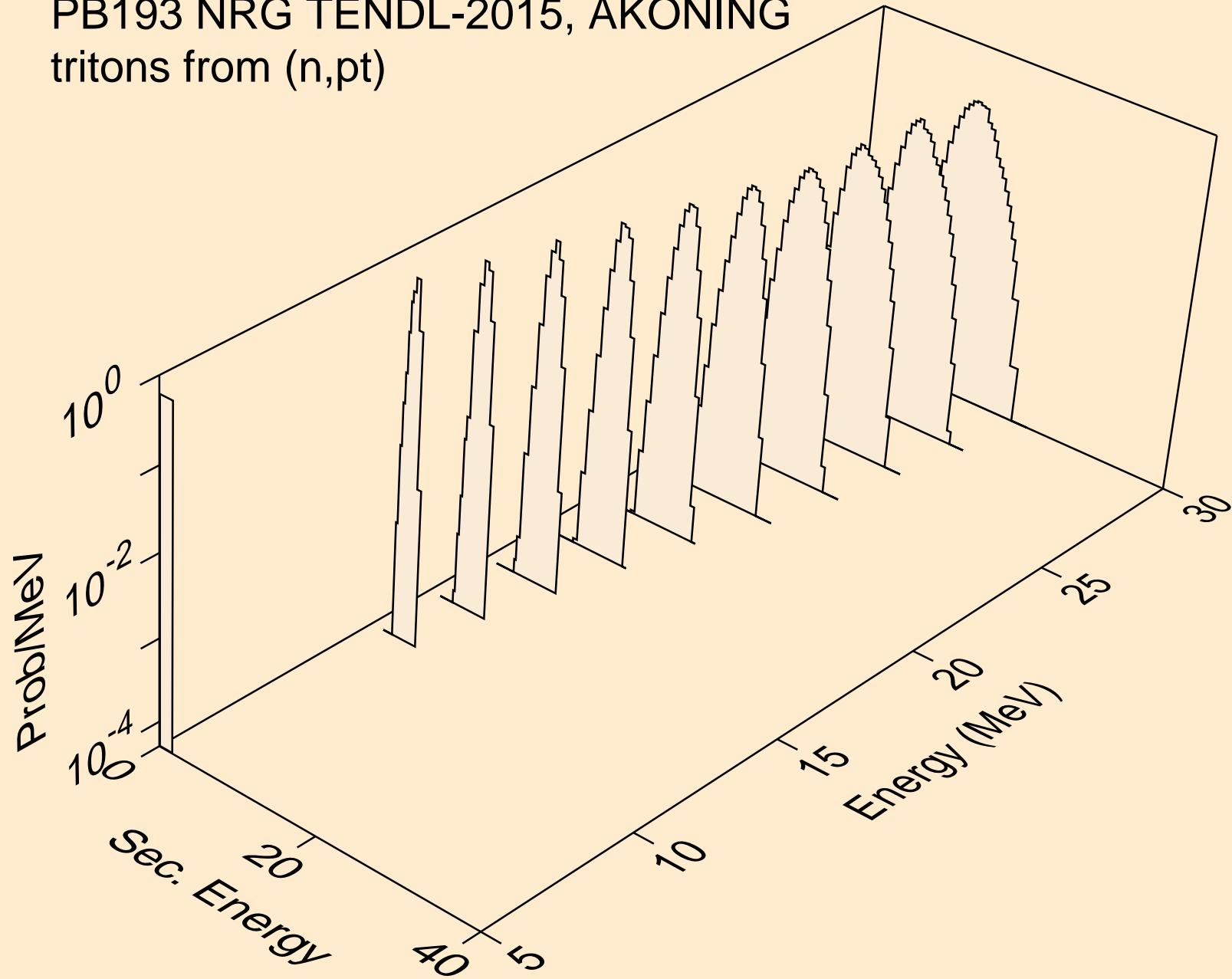
PB193 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



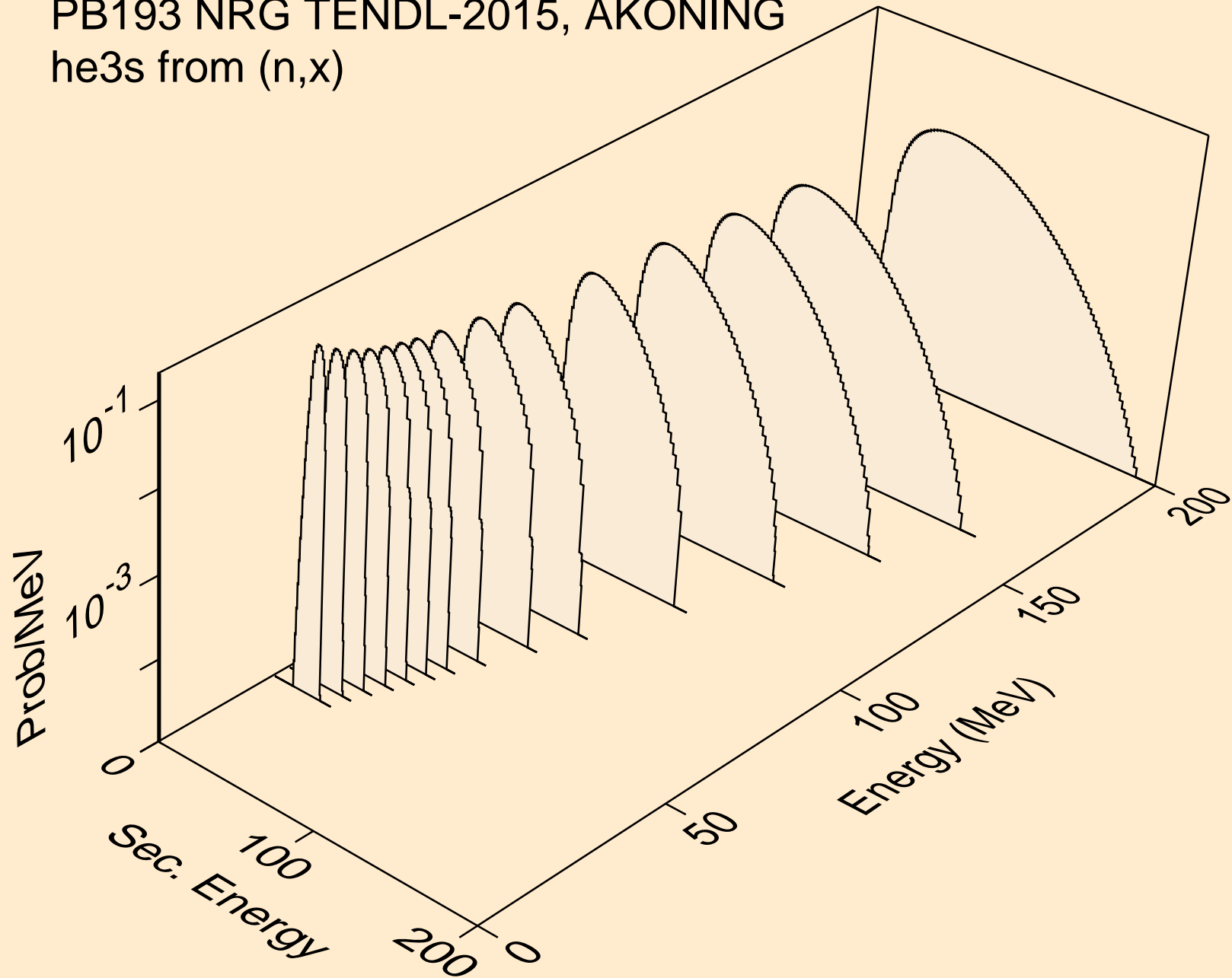
PB193 NRG TENDL-2015, AKONING  
tritons from (n,t)



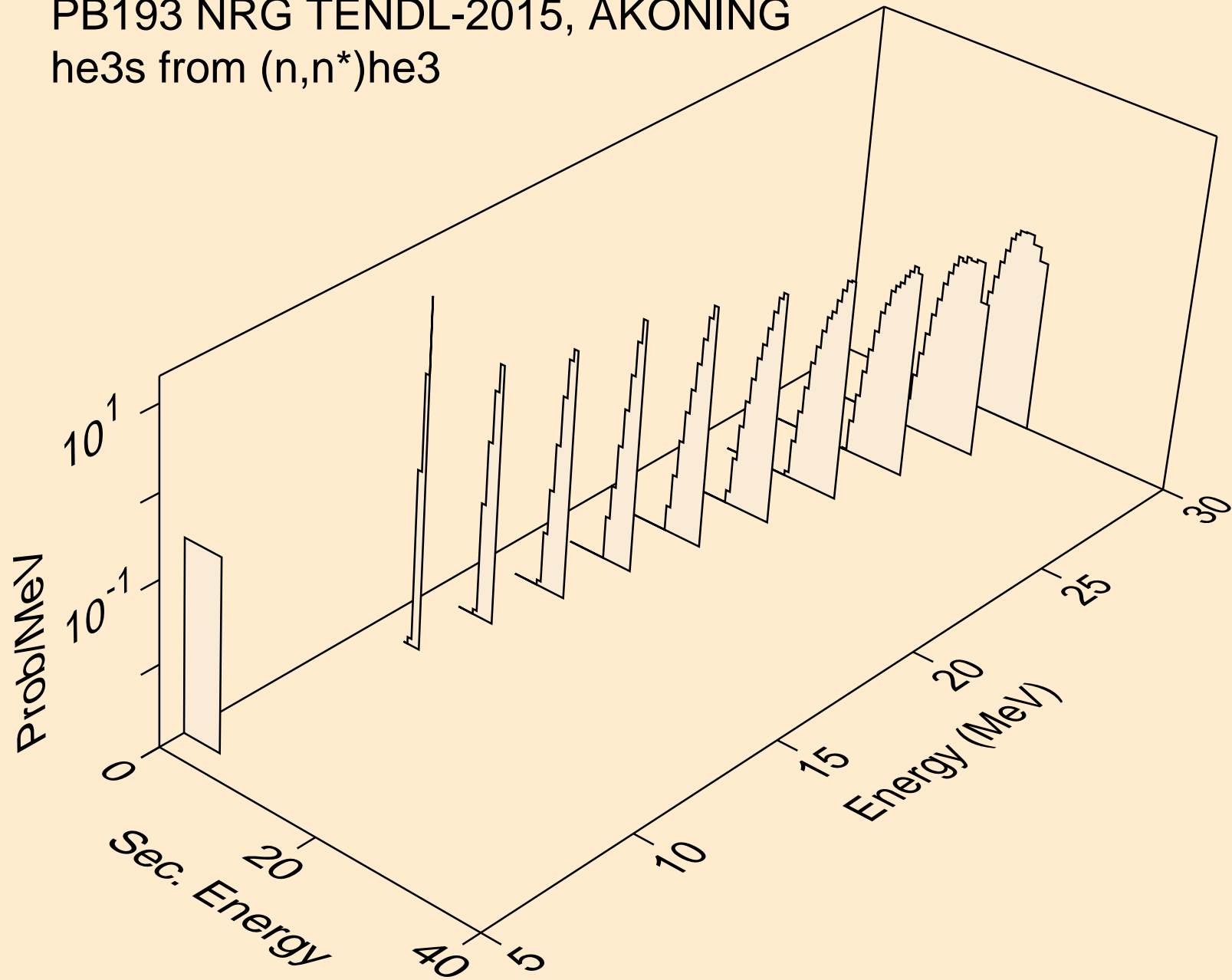
PB193 NRG TENDL-2015, AKONING  
tritons from (n,pt)



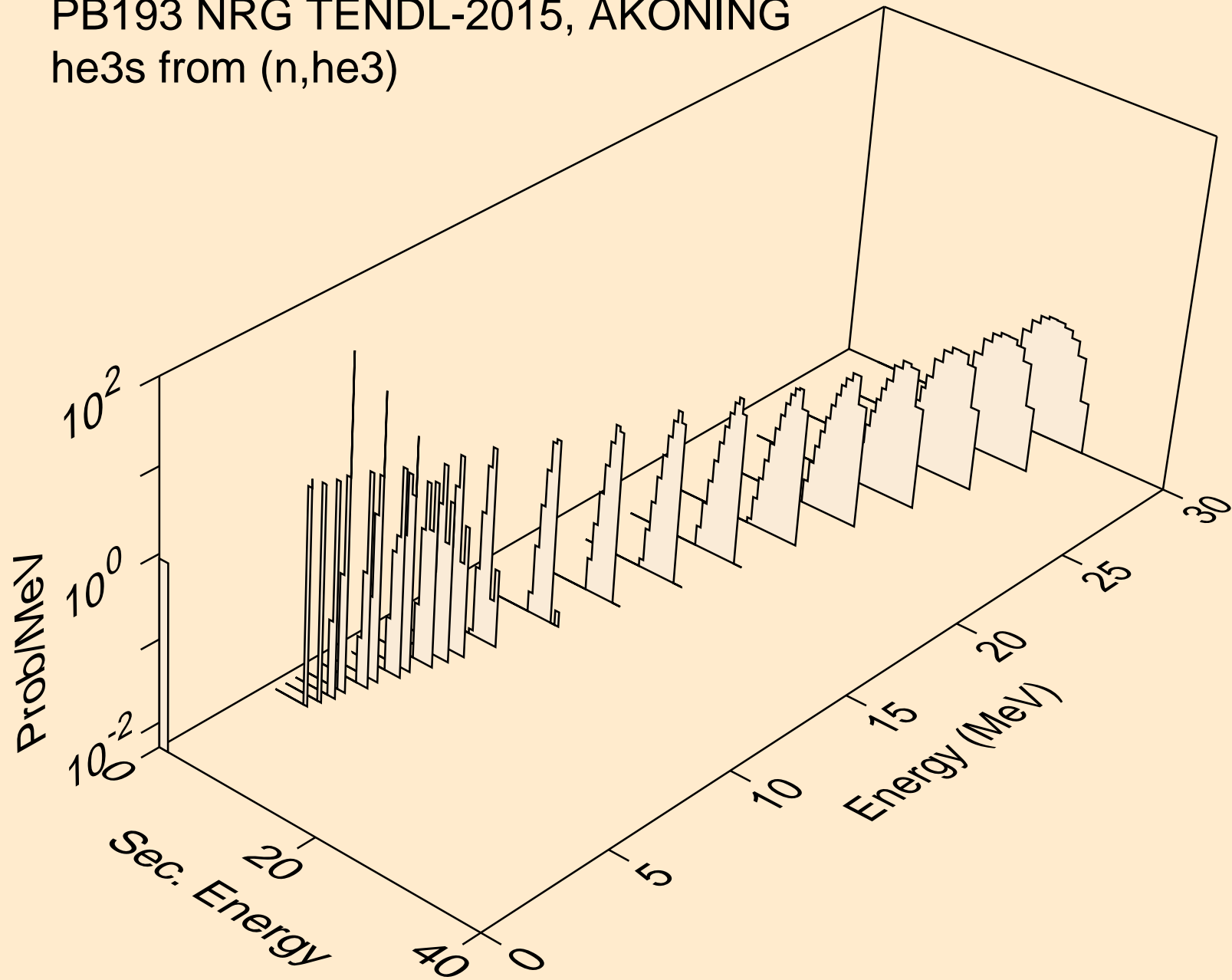
PB193 NRG TENDL-2015, AKONING  
he3s from (n,x)



PB193 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

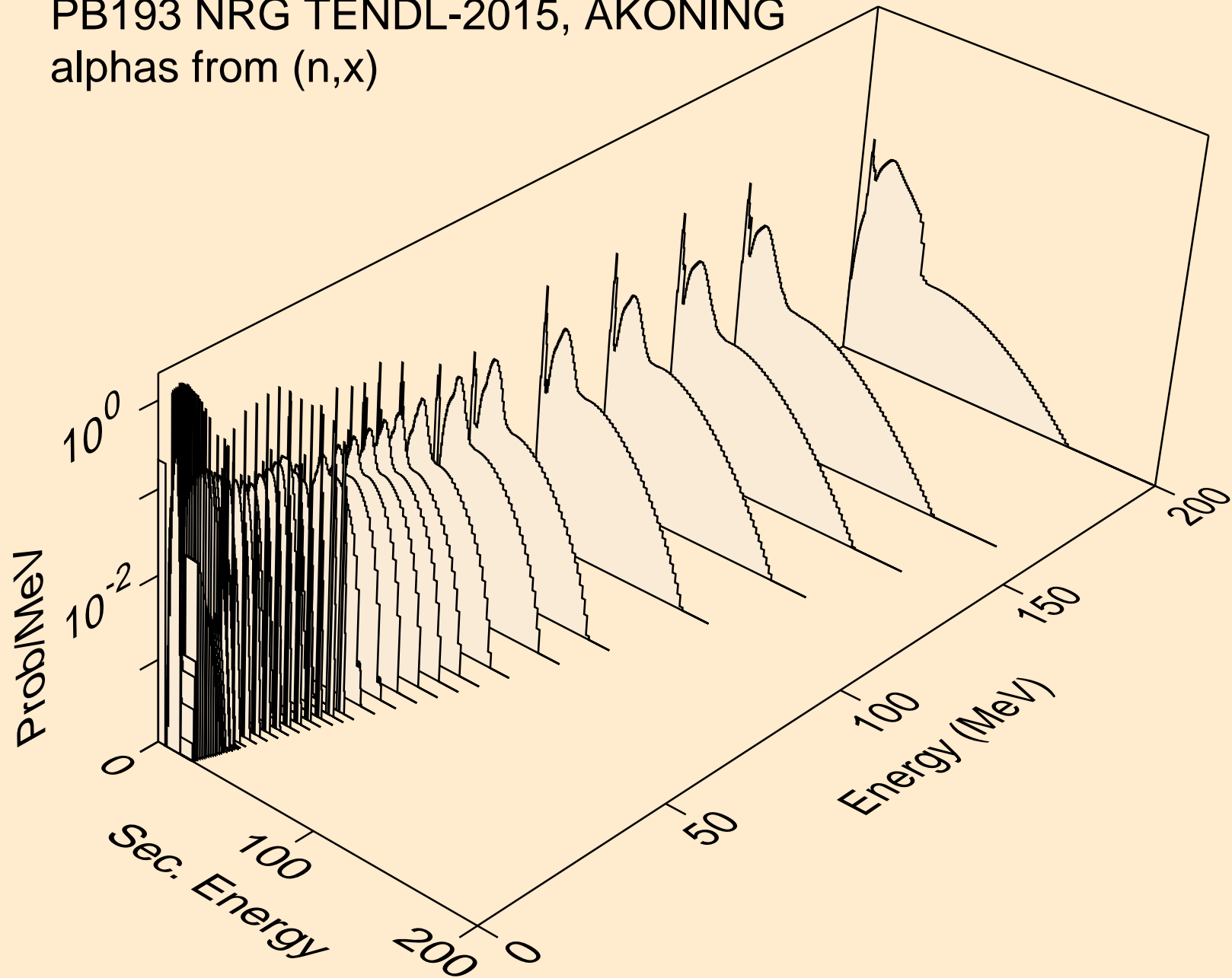


PB193 NRG TENDL-2015, AKONING  
he3s from (n,he3)

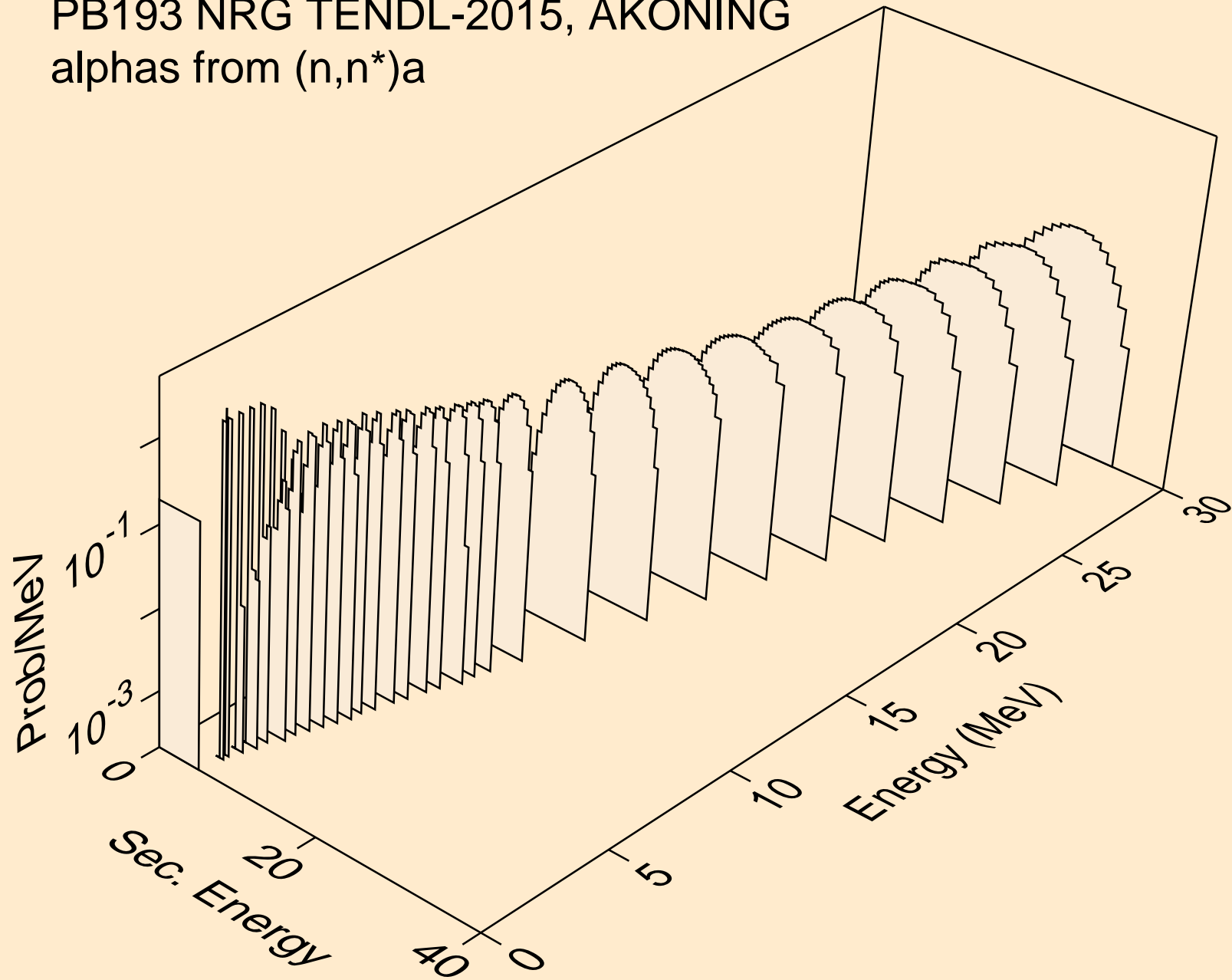




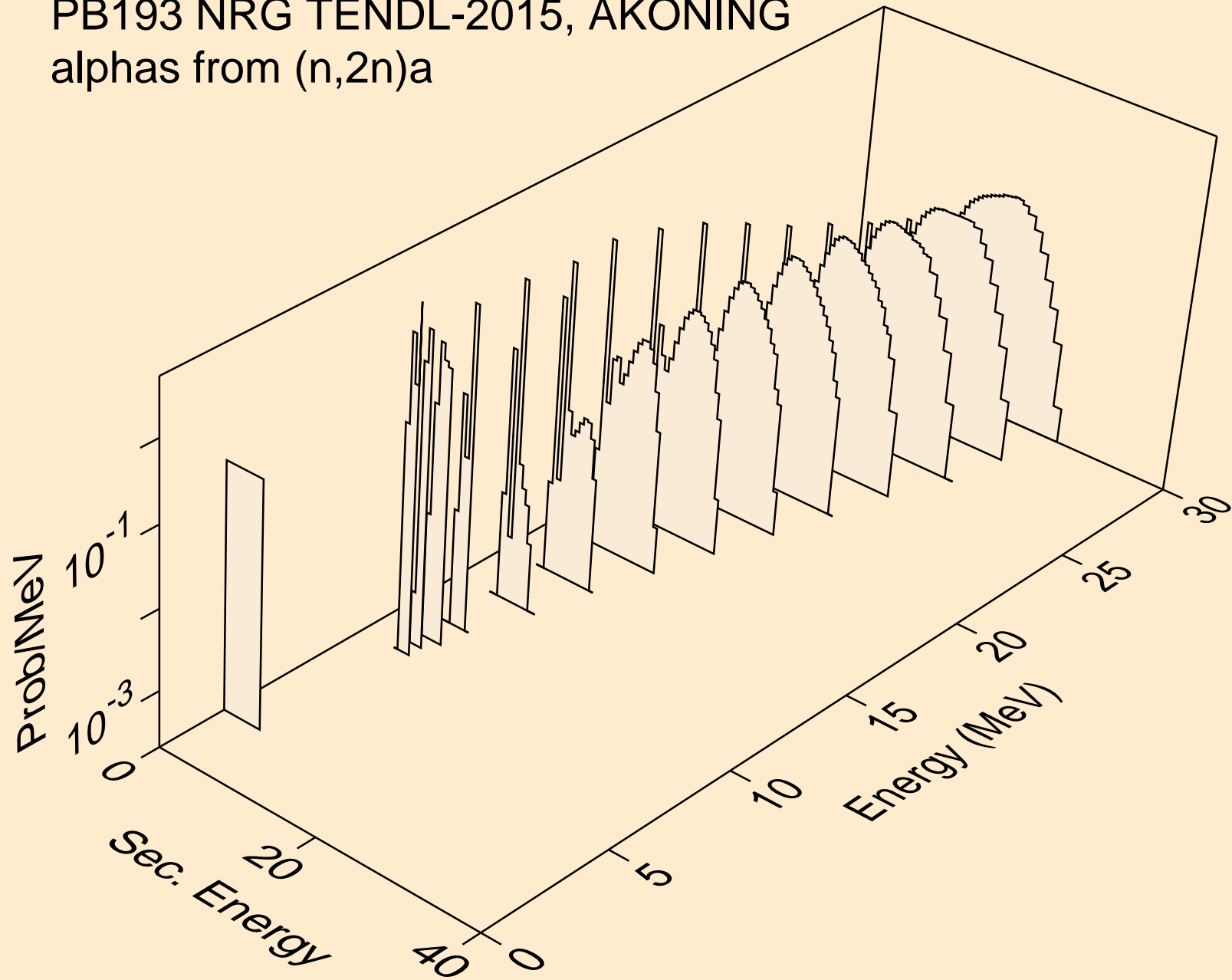
PB193 NRG TENDL-2015, AKONING  
alphas from (n,x)



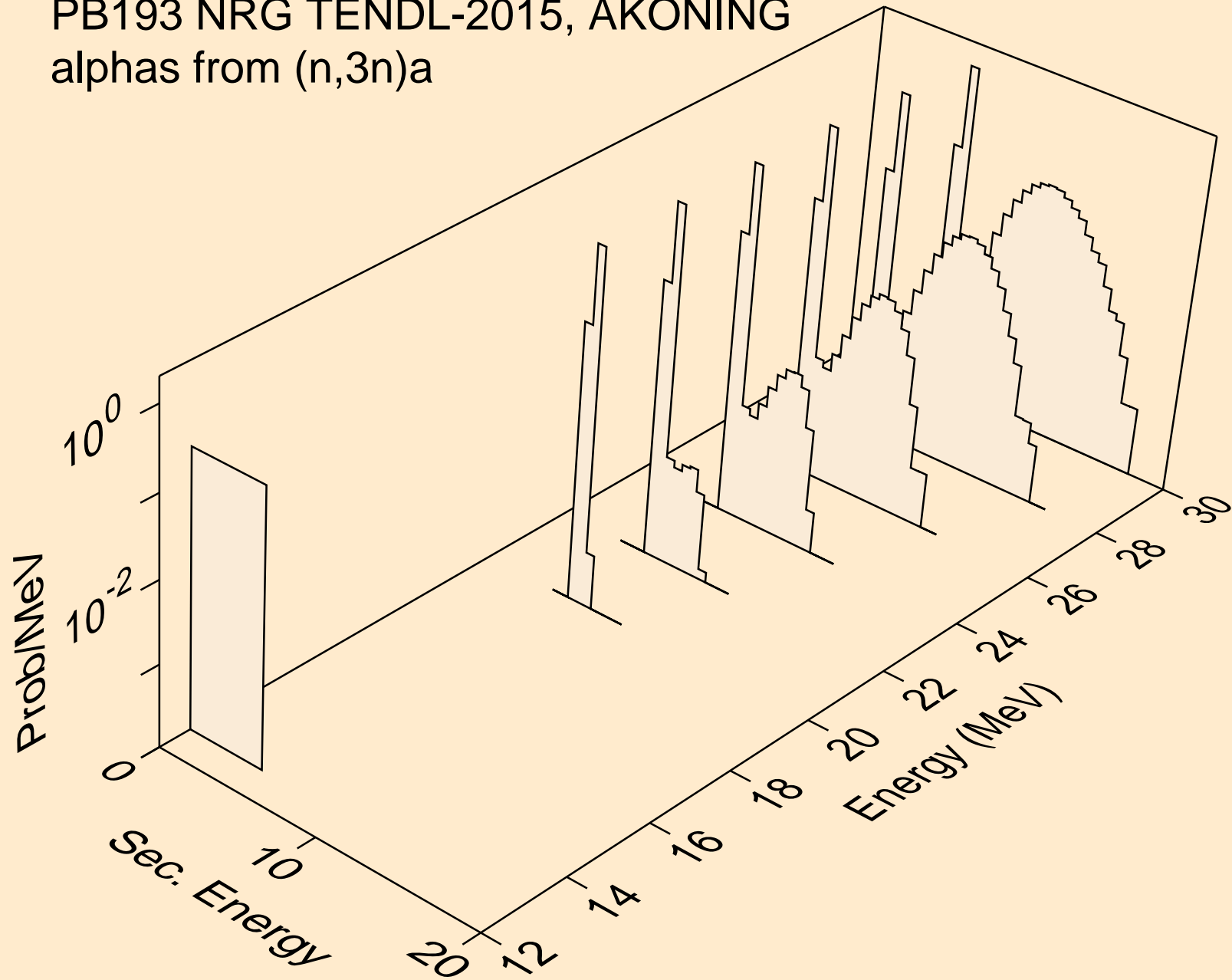
PB193 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



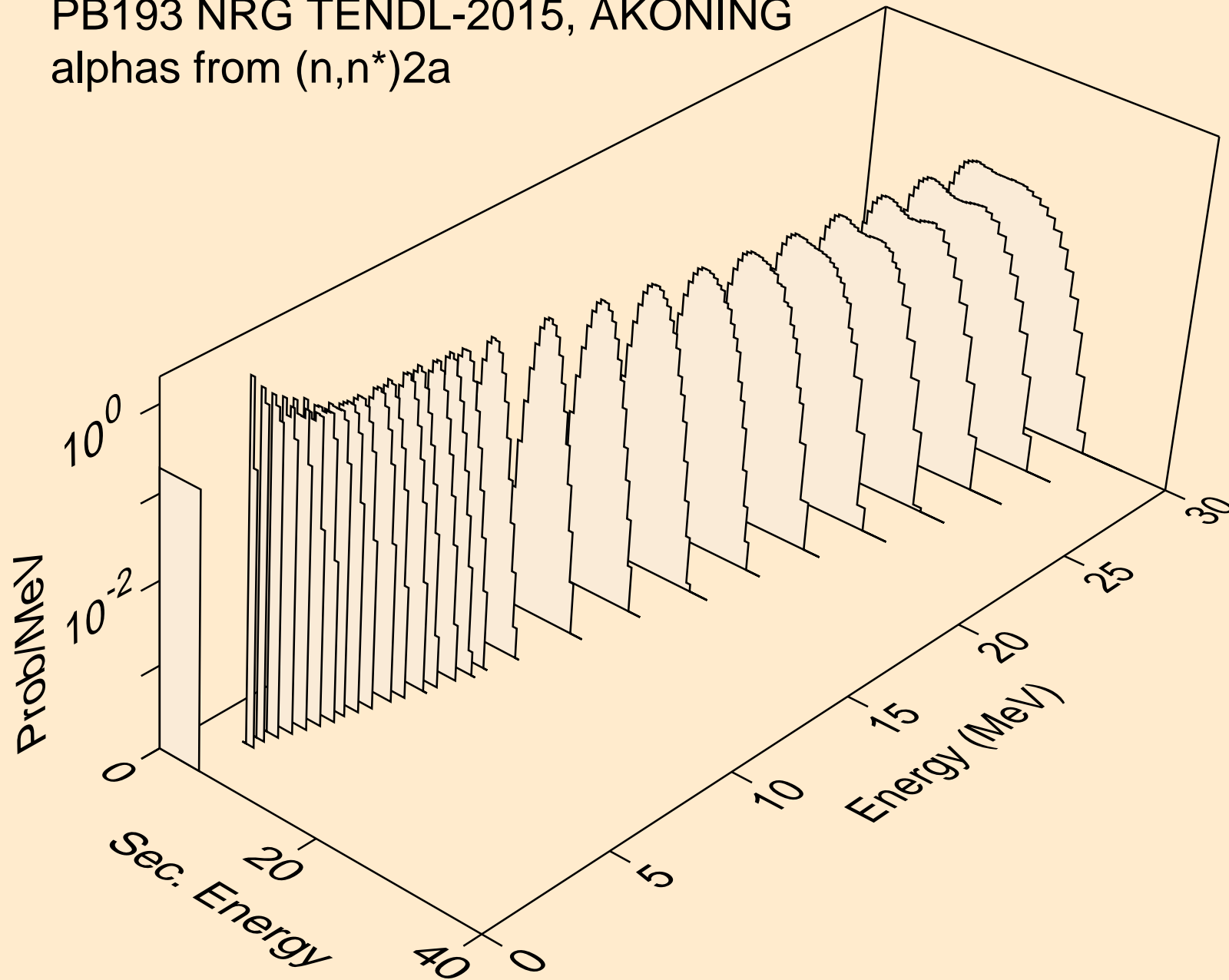
PB193 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



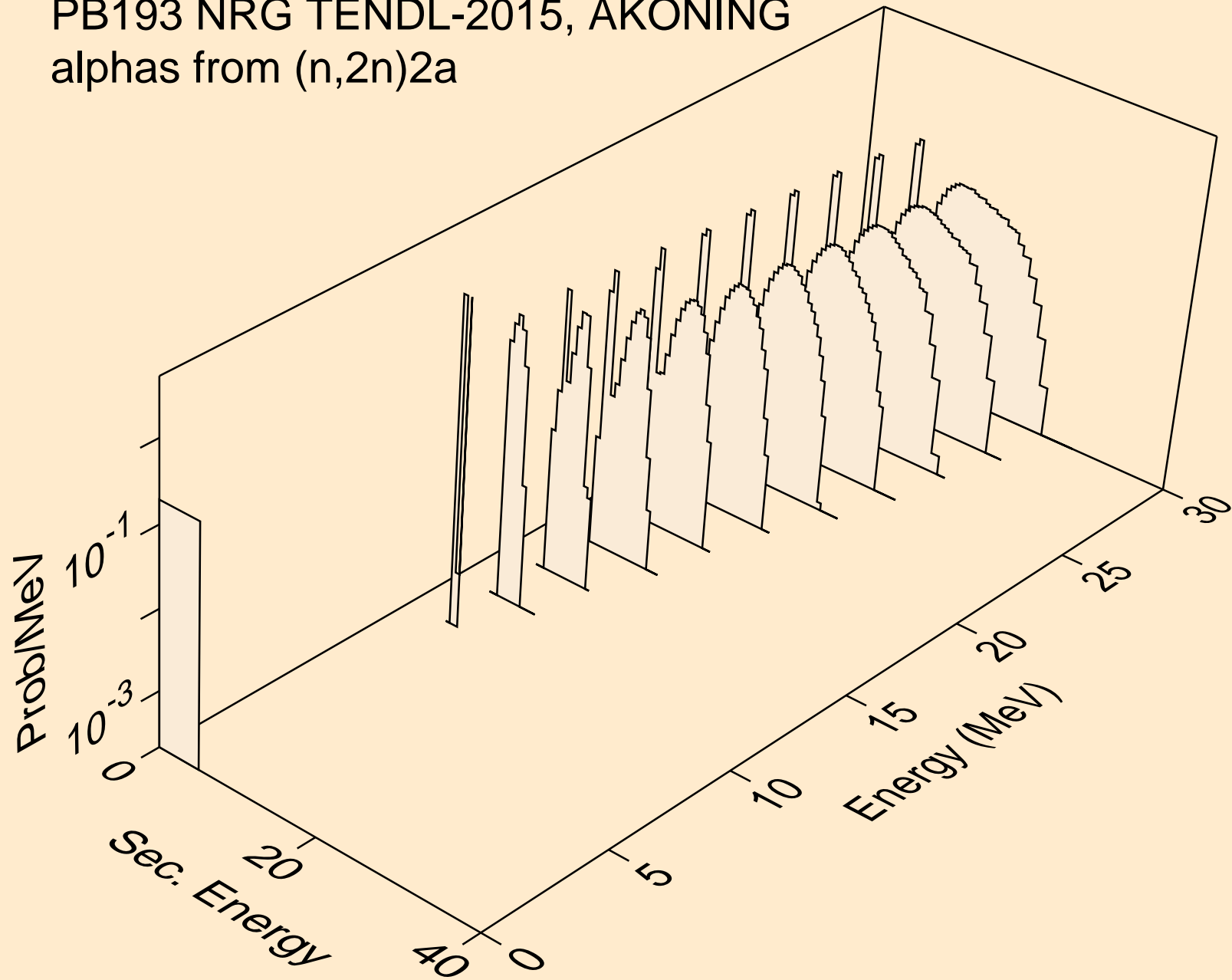
PB193 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



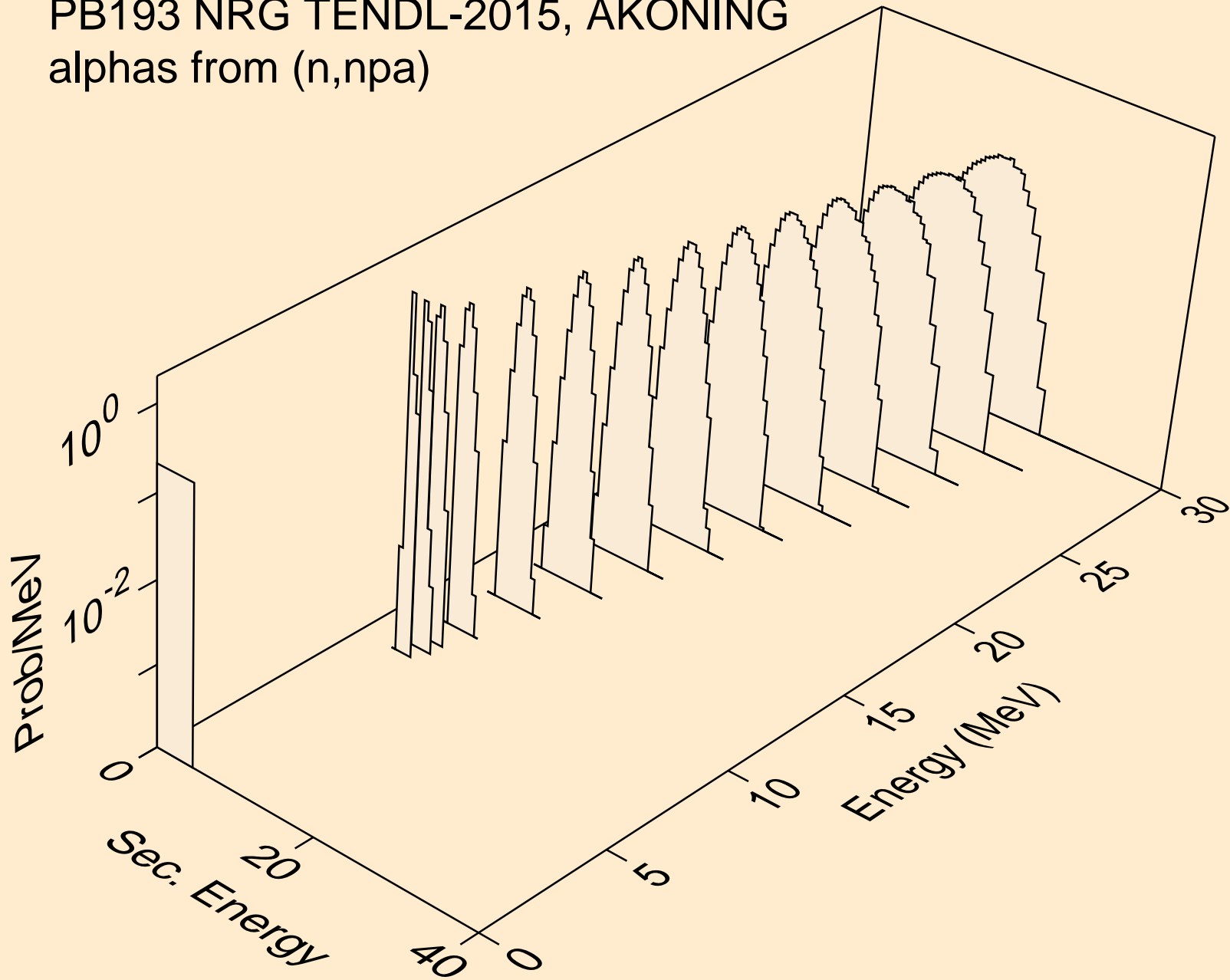
PB193 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



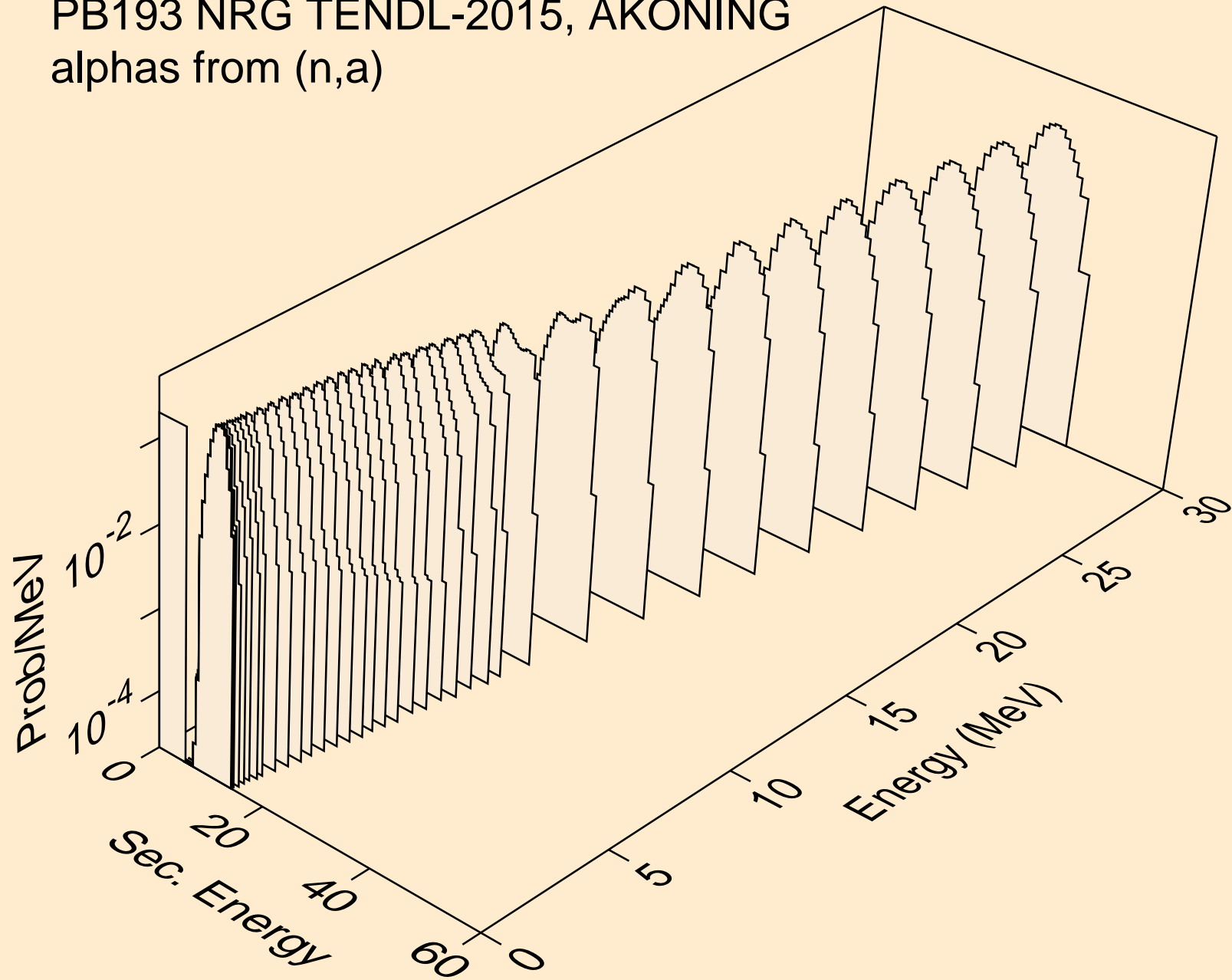
PB193 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



PB193 NRG TENDL-2015, AKONING  
alphas from (n,npa)

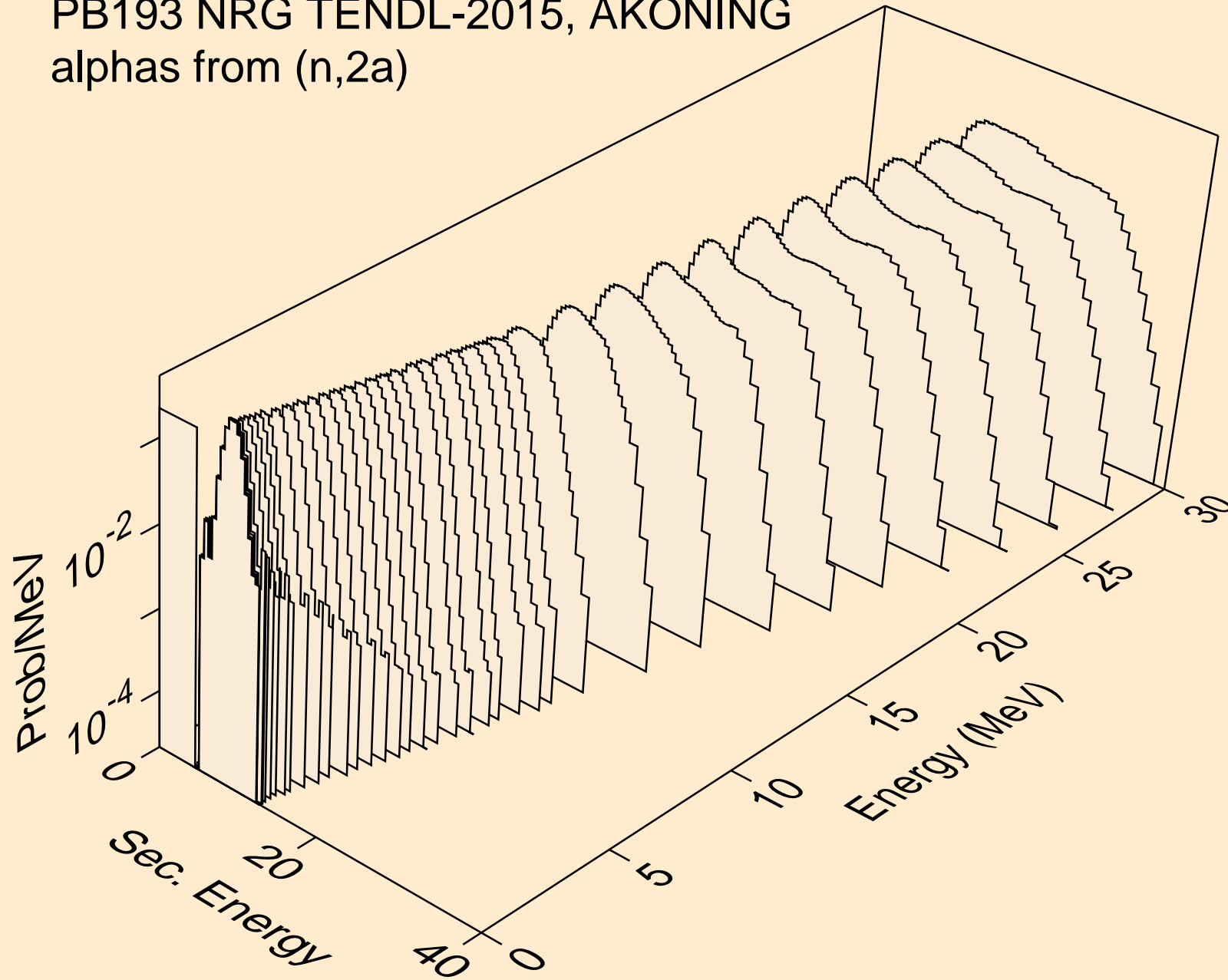


PB193 NRG TENDL-2015, AKONING  
alphas from (n,a)

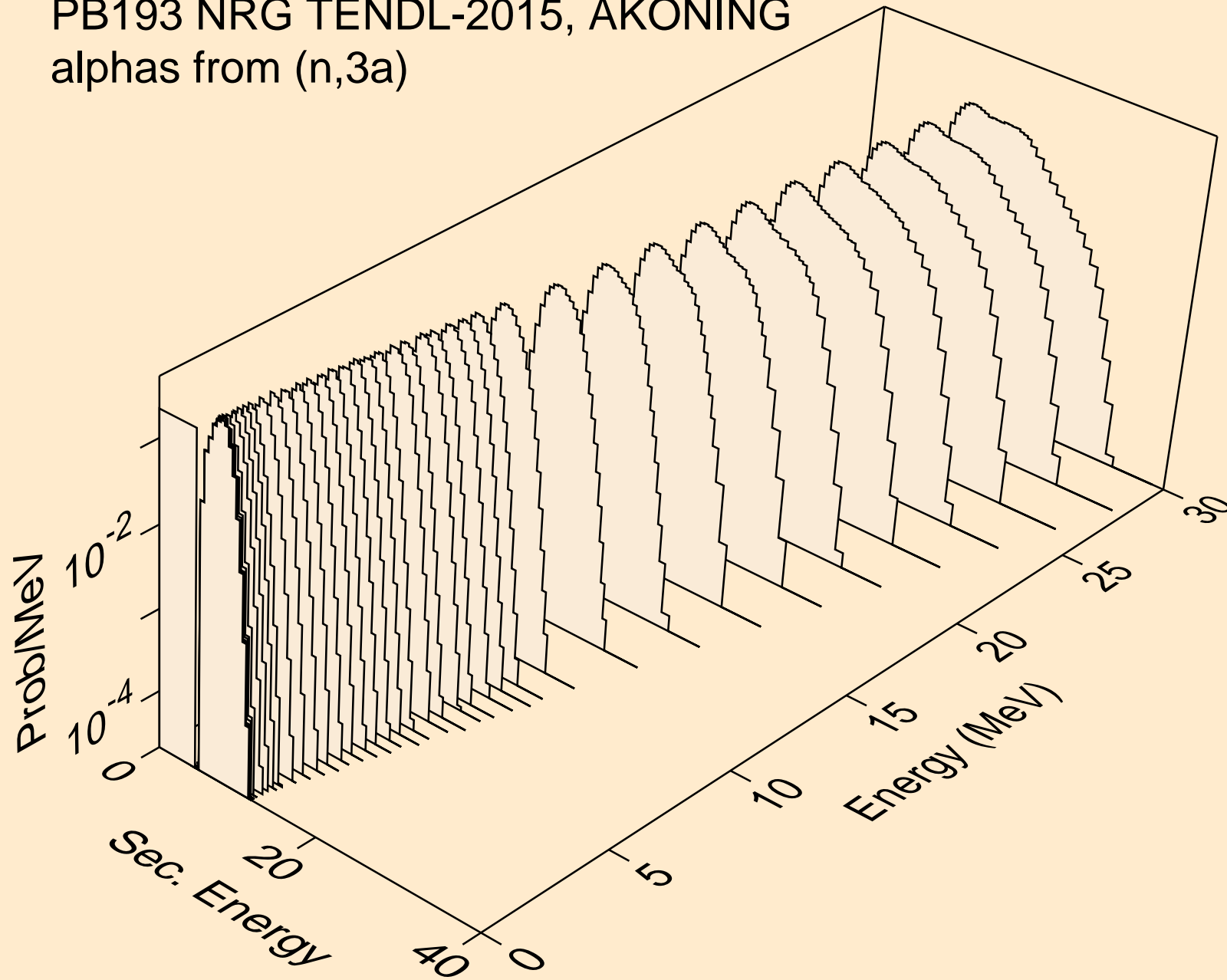




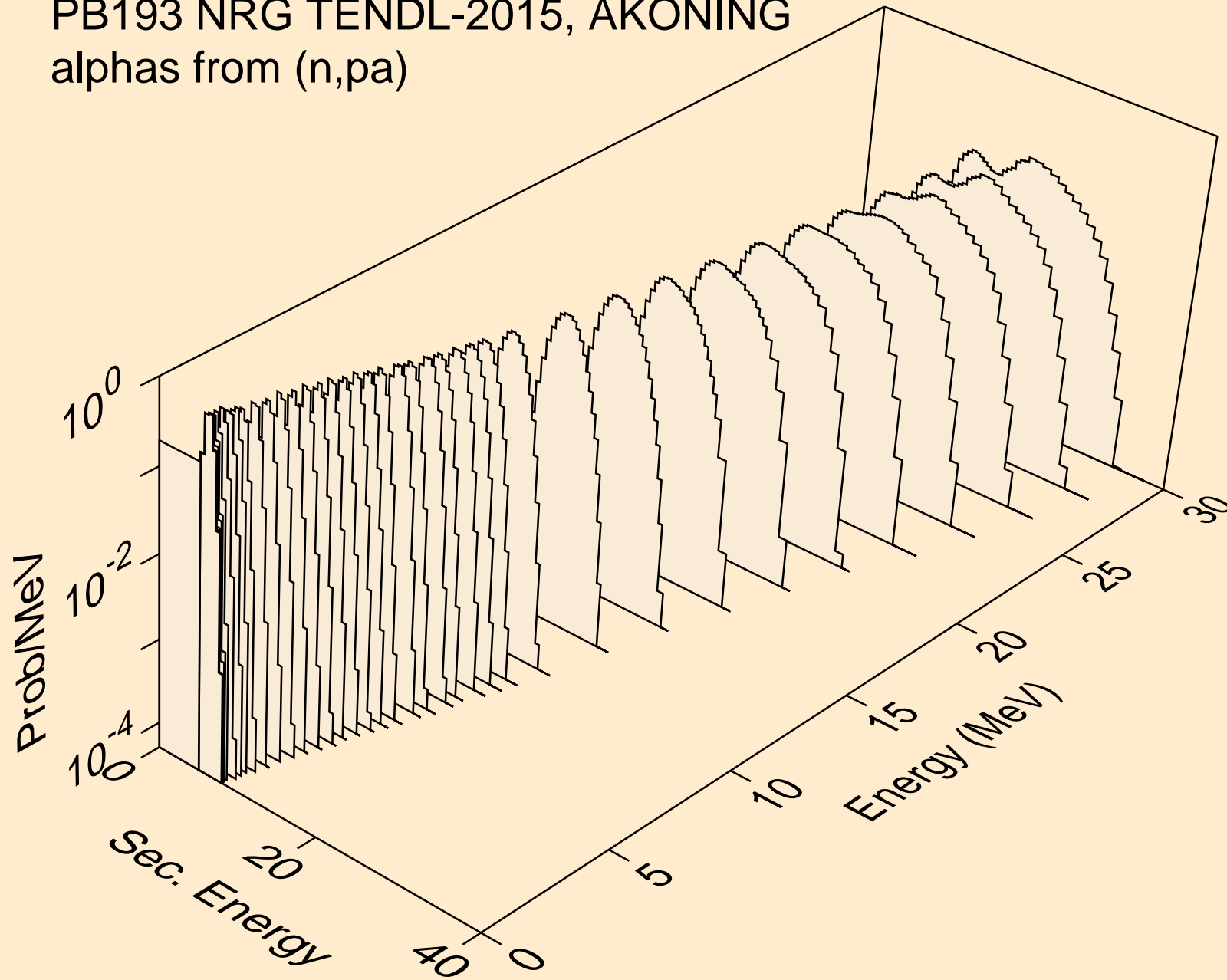
PB193 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PB193 NRG TENDL-2015, AKONING  
alphas from (n,3a)



PB193 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PB193 NRG TENDL-2015, AKONING  
alphas from (n,da)

