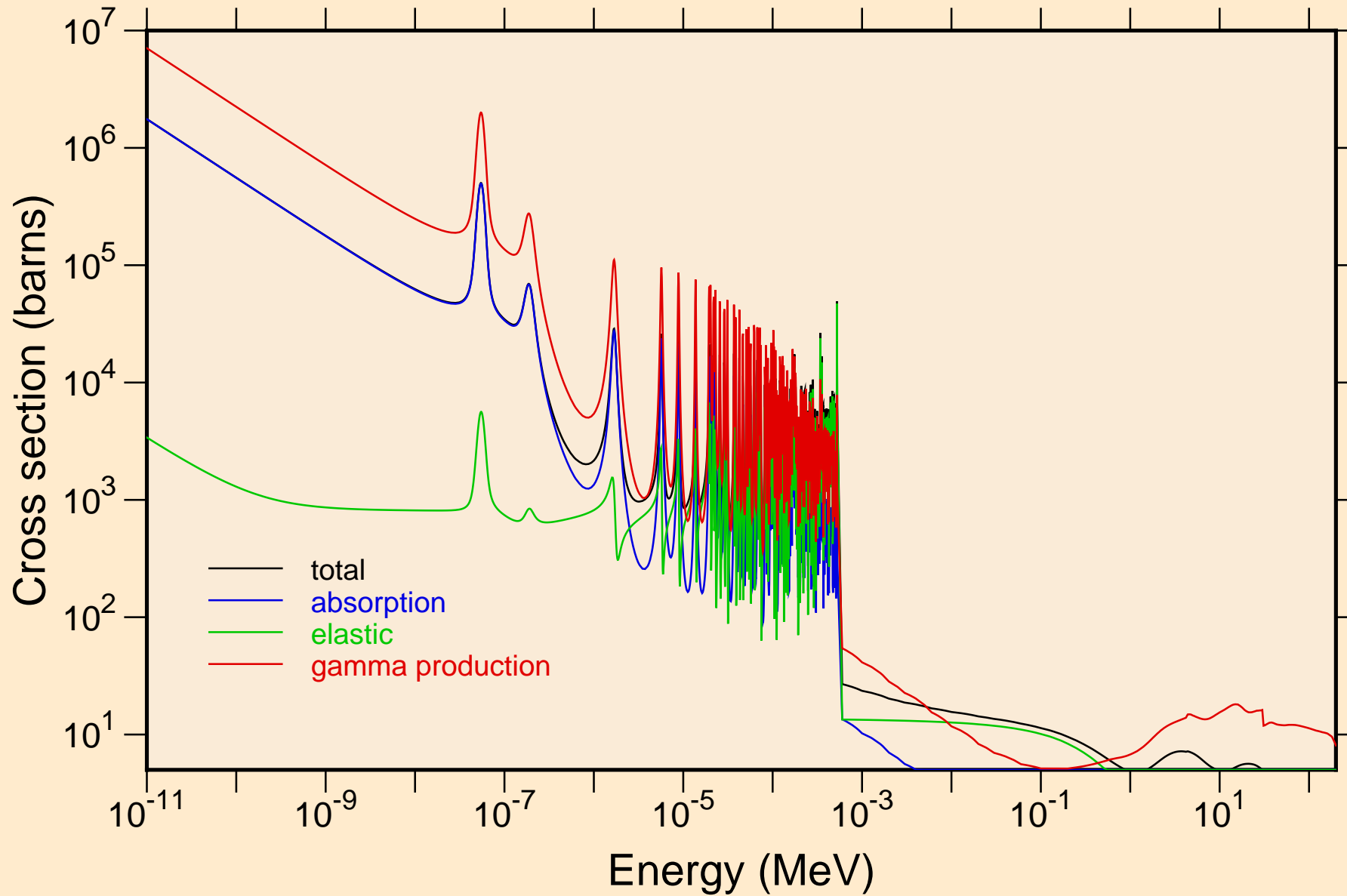
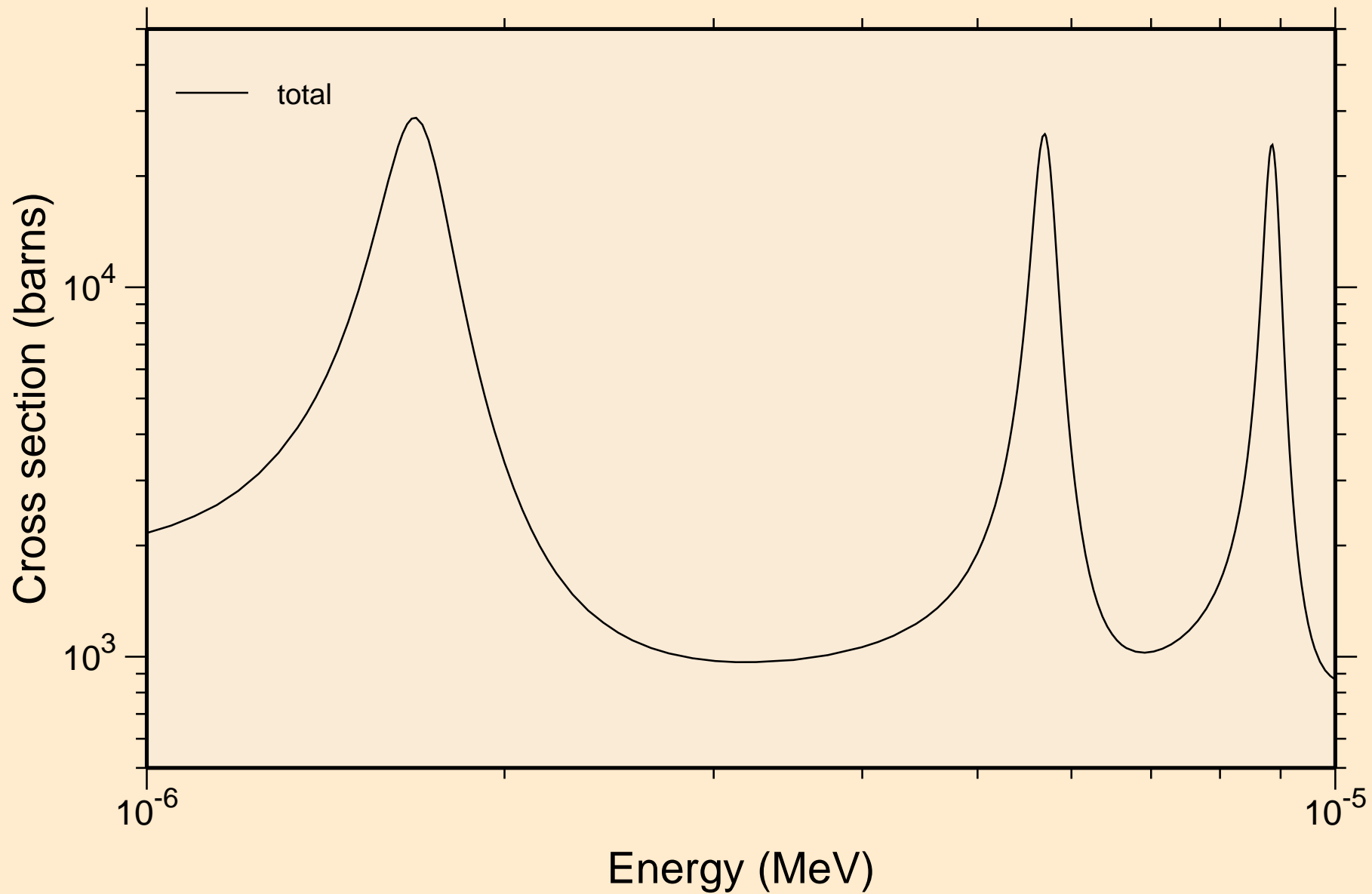


# PO198 NRG TENDL-2015, AKONING

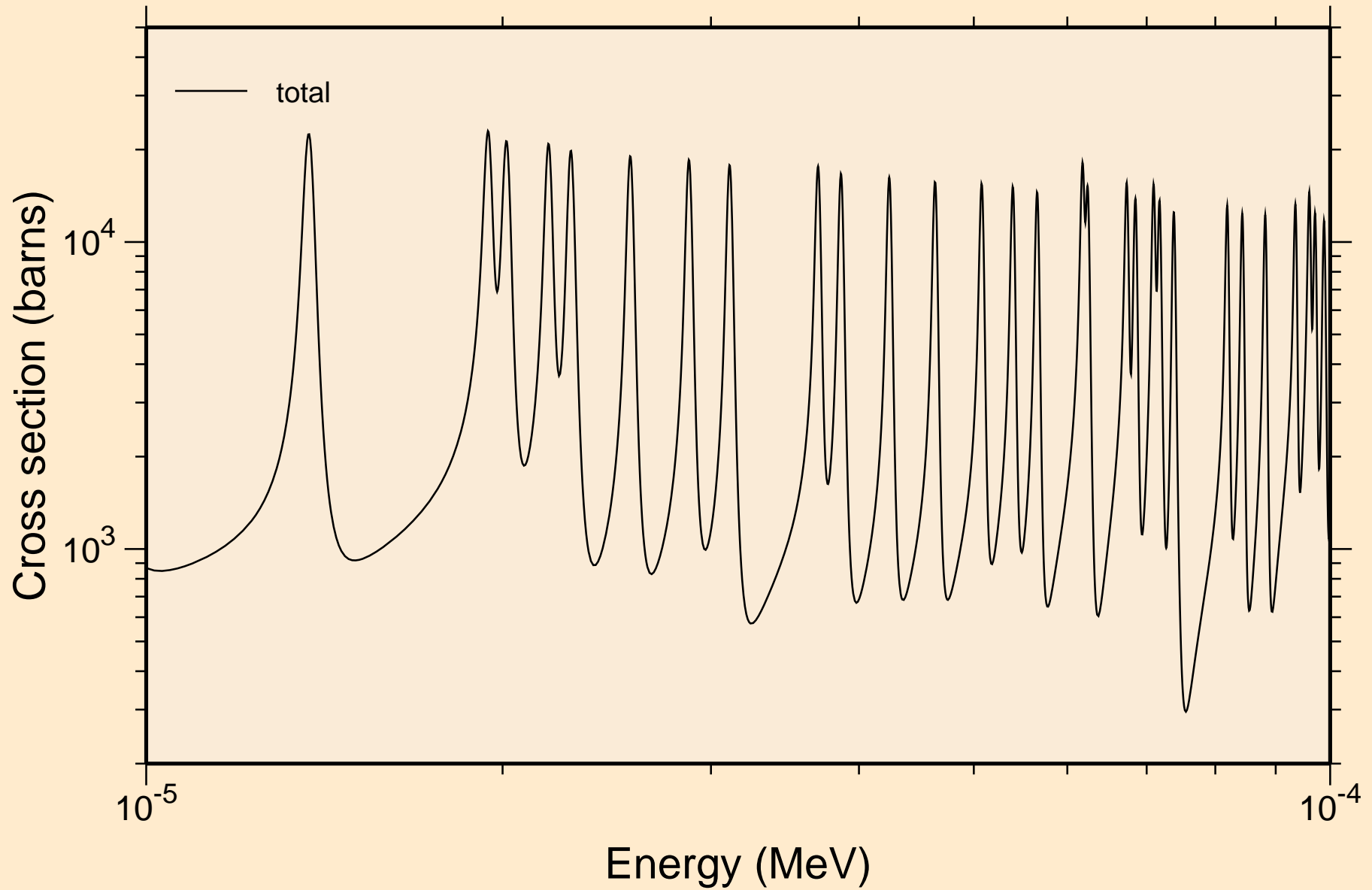
## Principal cross sections



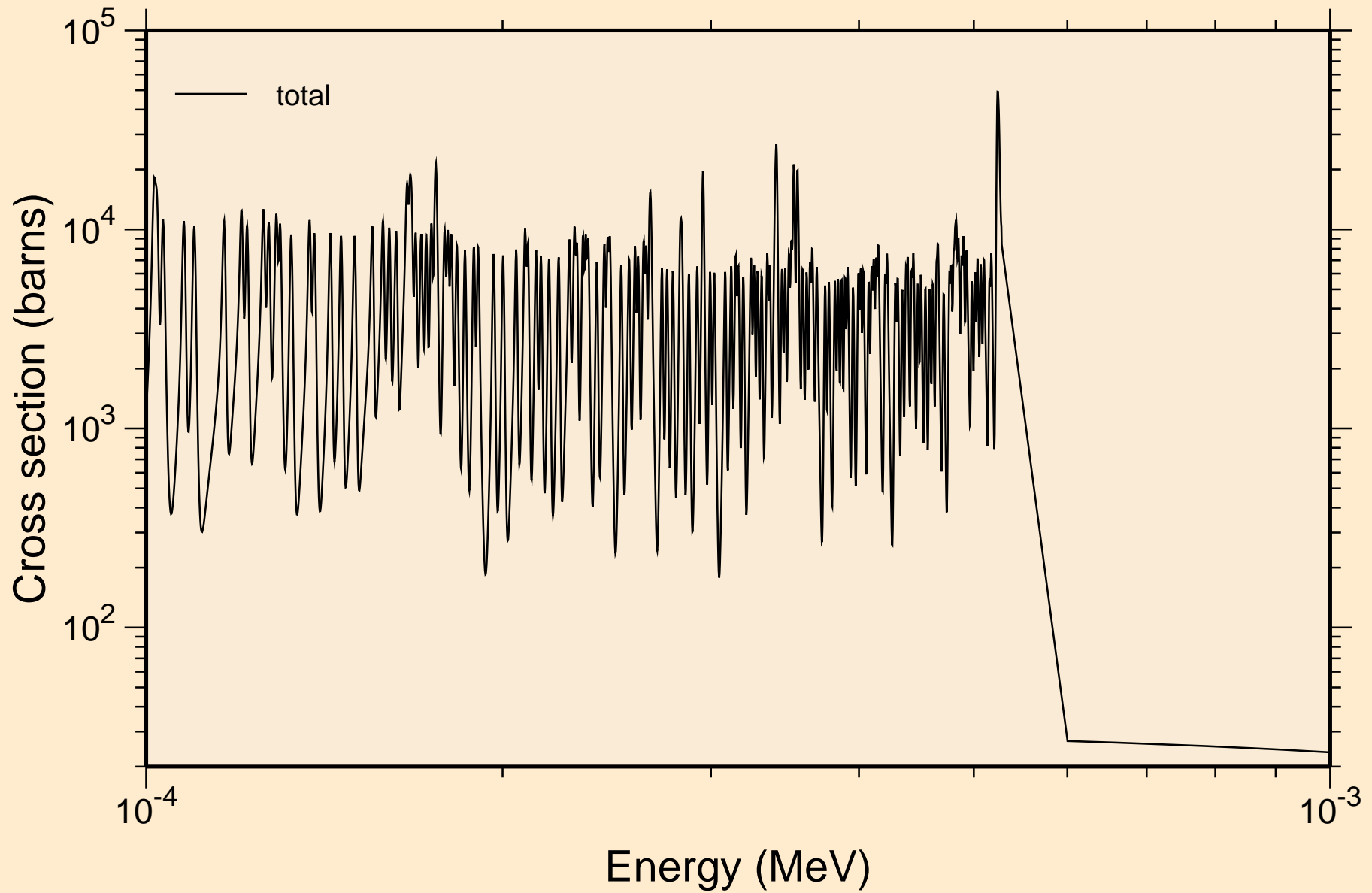
PO198 NRG TENDL-2015, AKONING  
resonance total cross section



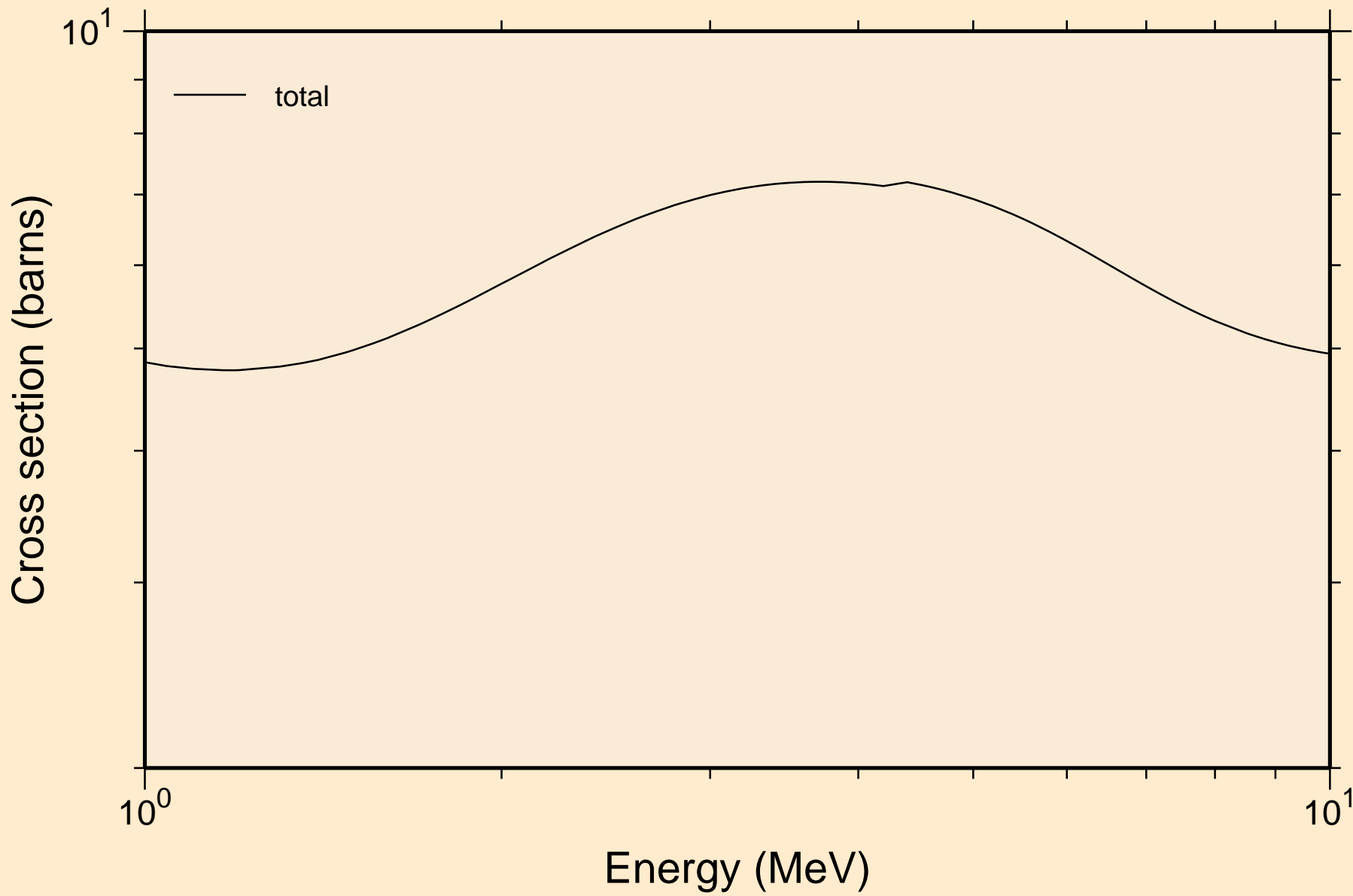
PO198 NRG TENDL-2015, AKONING  
resonance total cross section



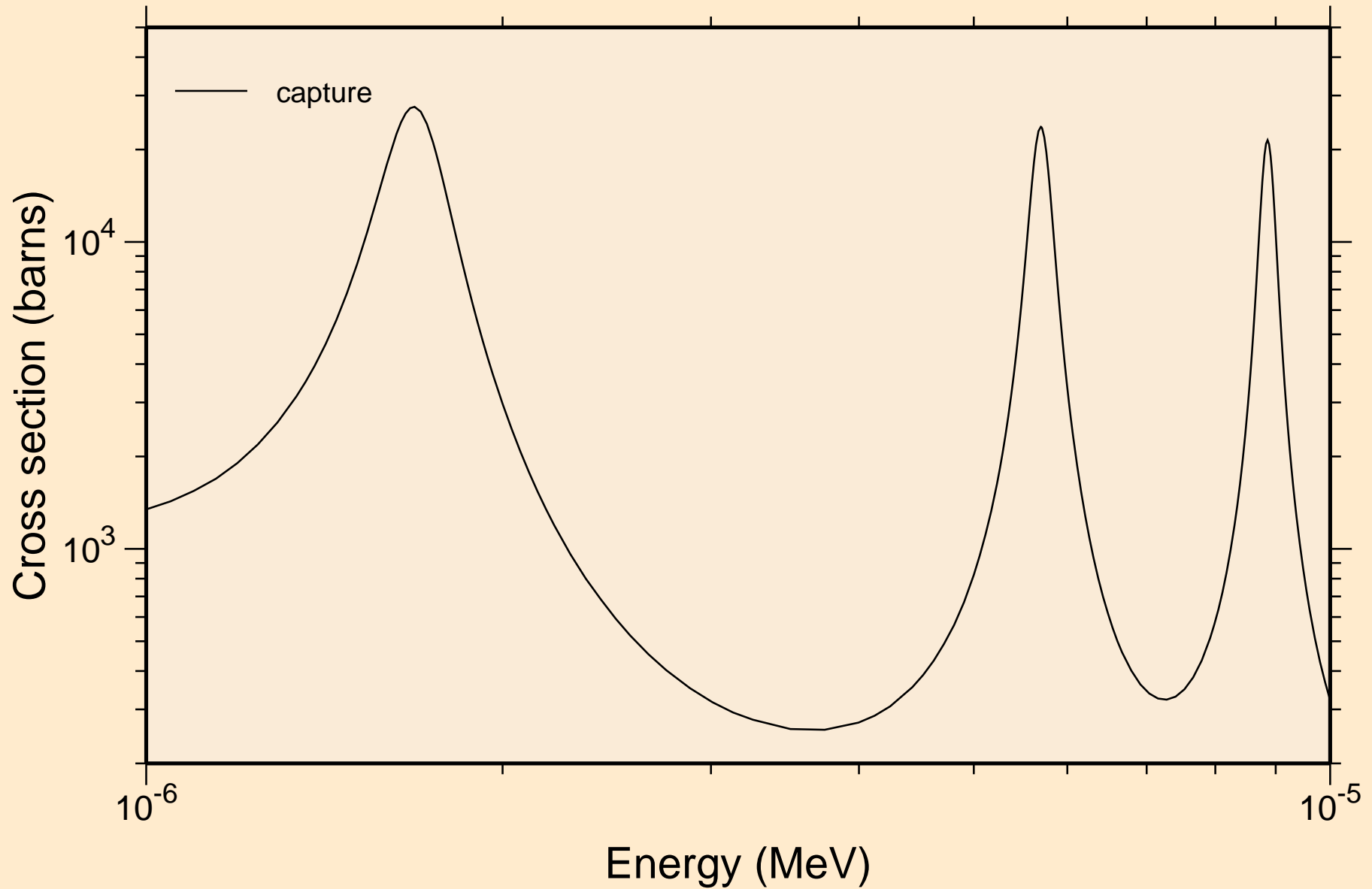
PO198 NRG TENDL-2015, AKONING  
resonance total cross section



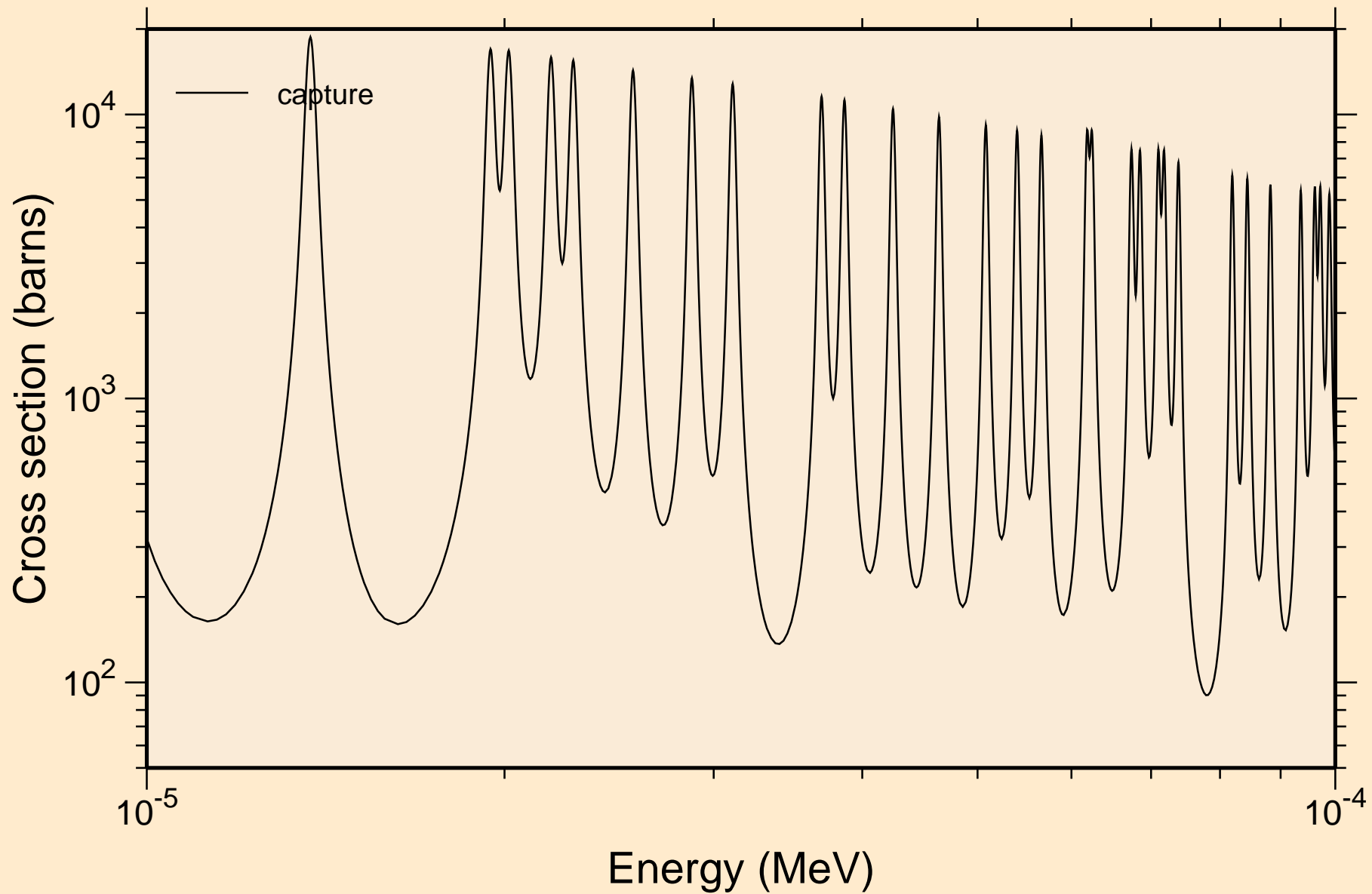
PO198 NRG TENDL-2015, AKONING  
resonance total cross section



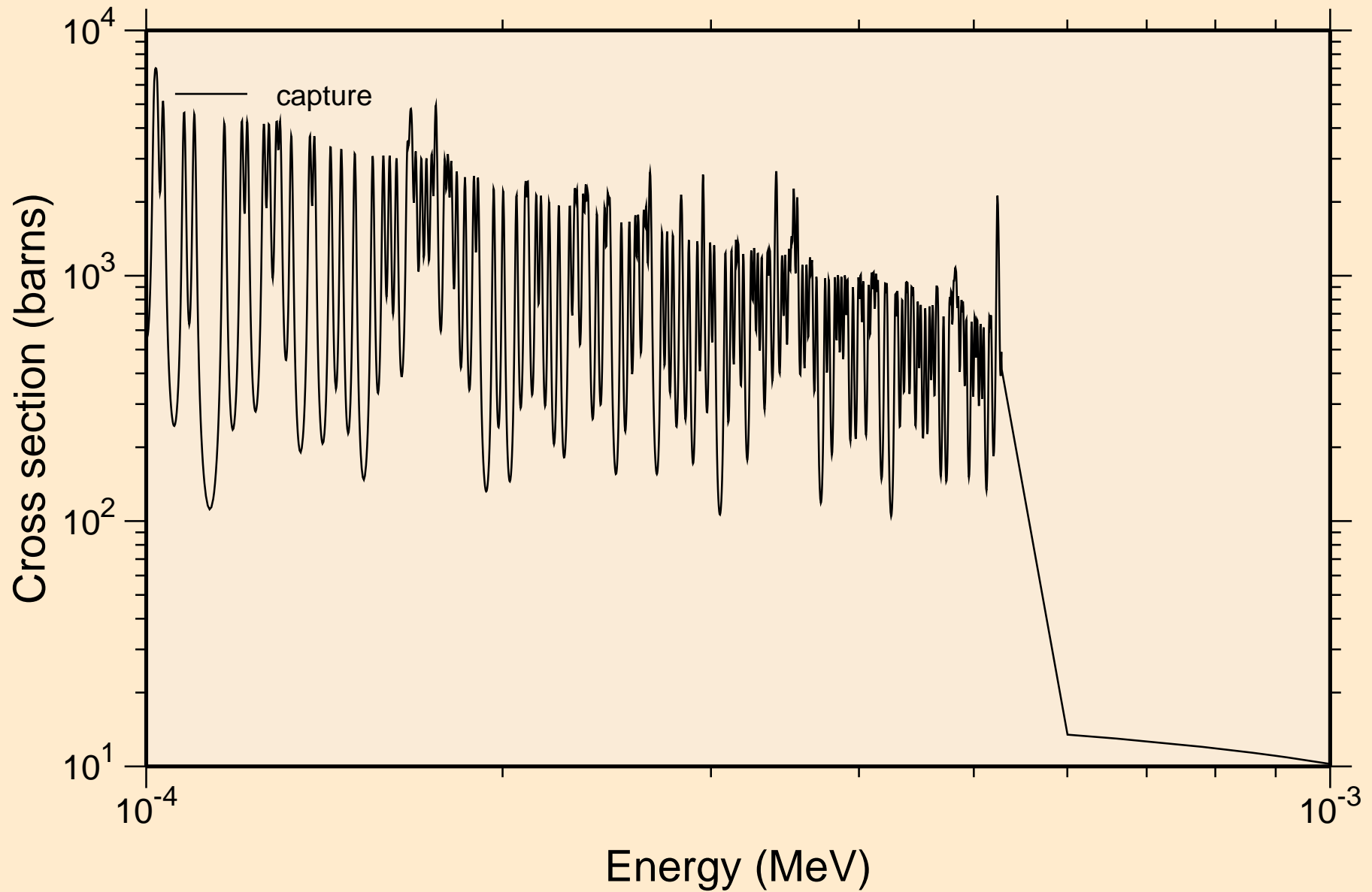
PO198 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PO198 NRG TENDL-2015, AKONING  
resonance absorption cross sections

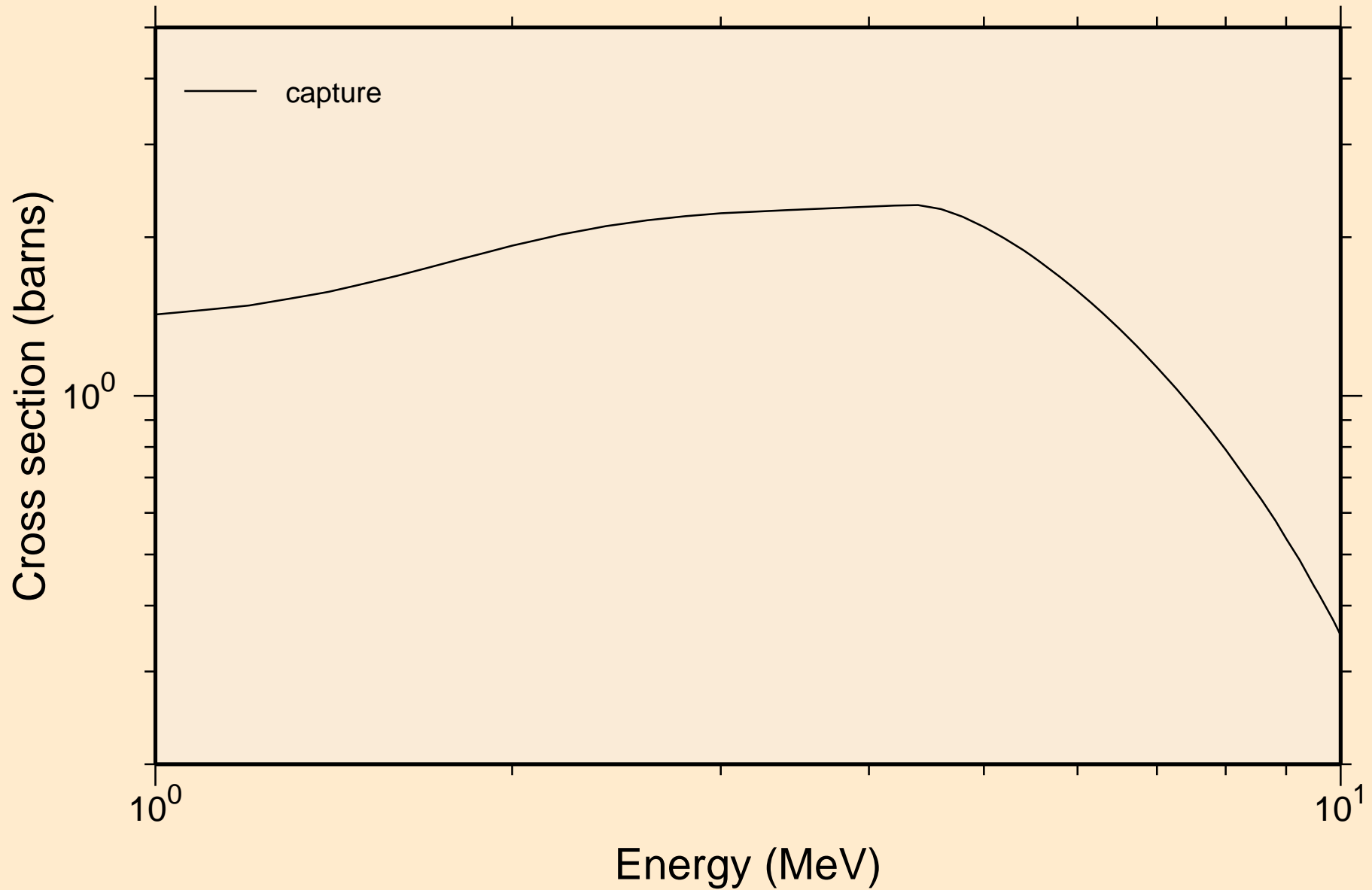


PO198 NRG TENDL-2015, AKONING  
resonance absorption cross sections



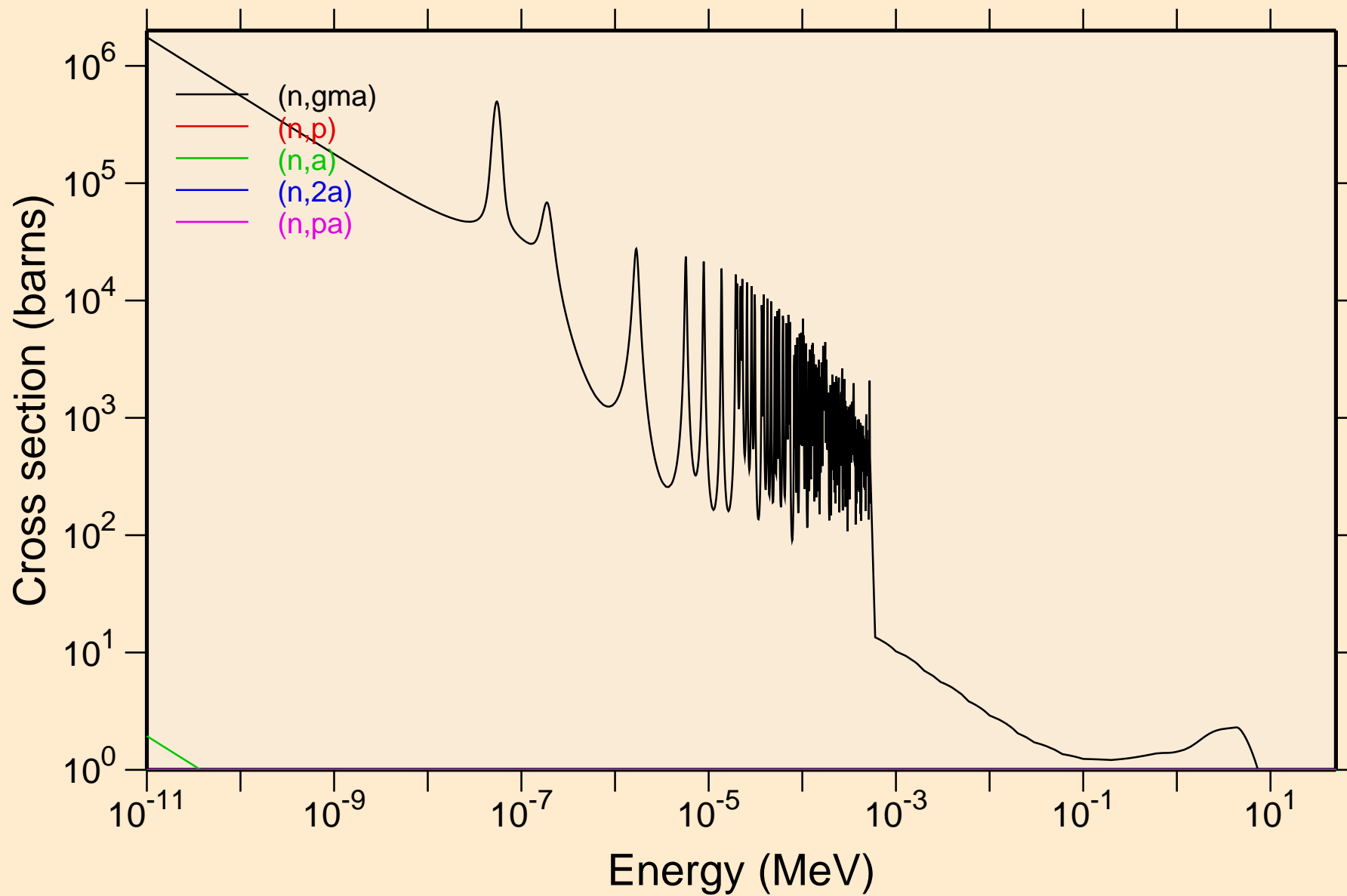


PO198 NRG TENDL-2015, AKONING  
resonance absorption cross sections



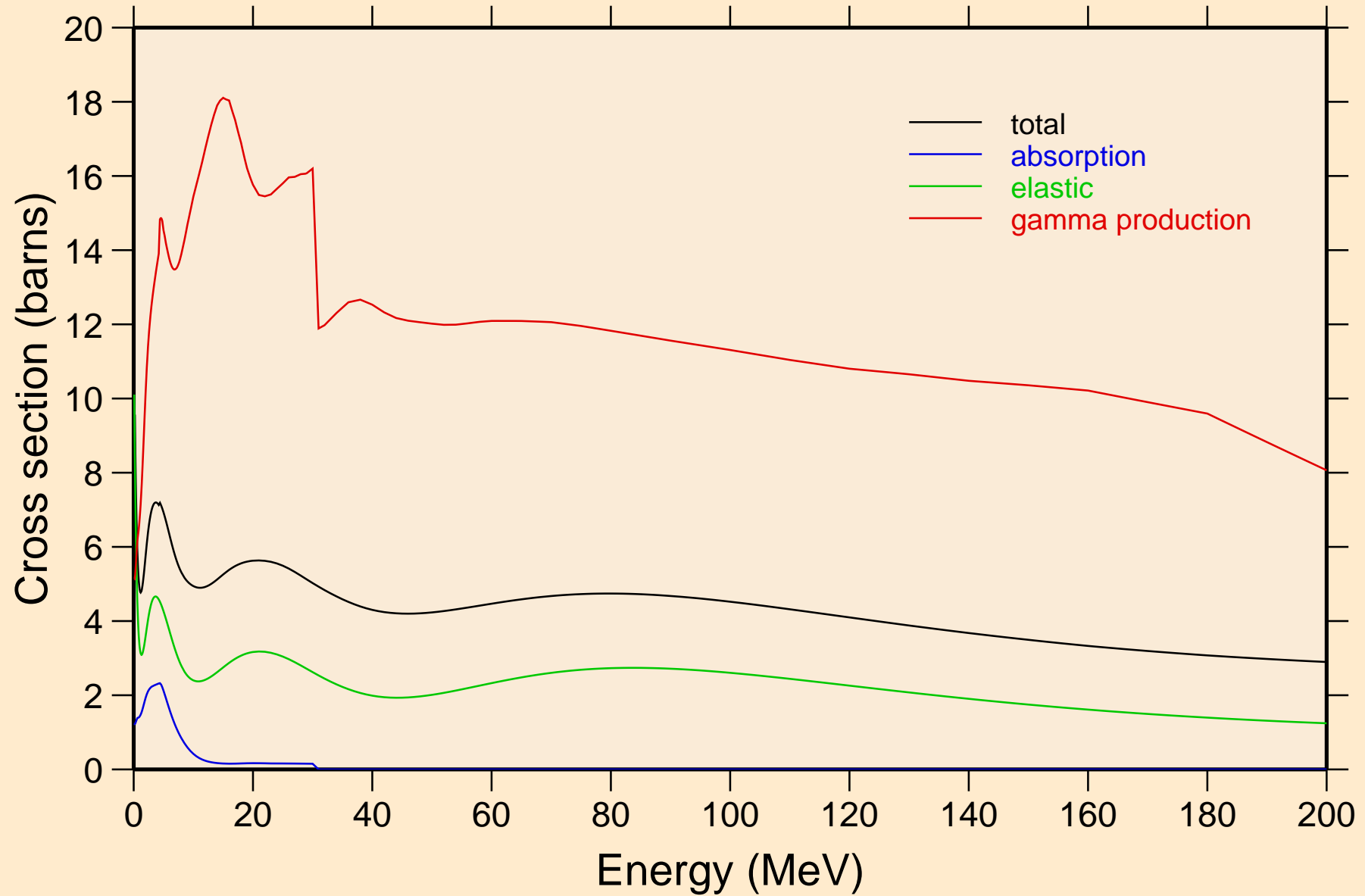
# PO198 NRG TENDL-2015, AKONING

## Non-threshold reactions



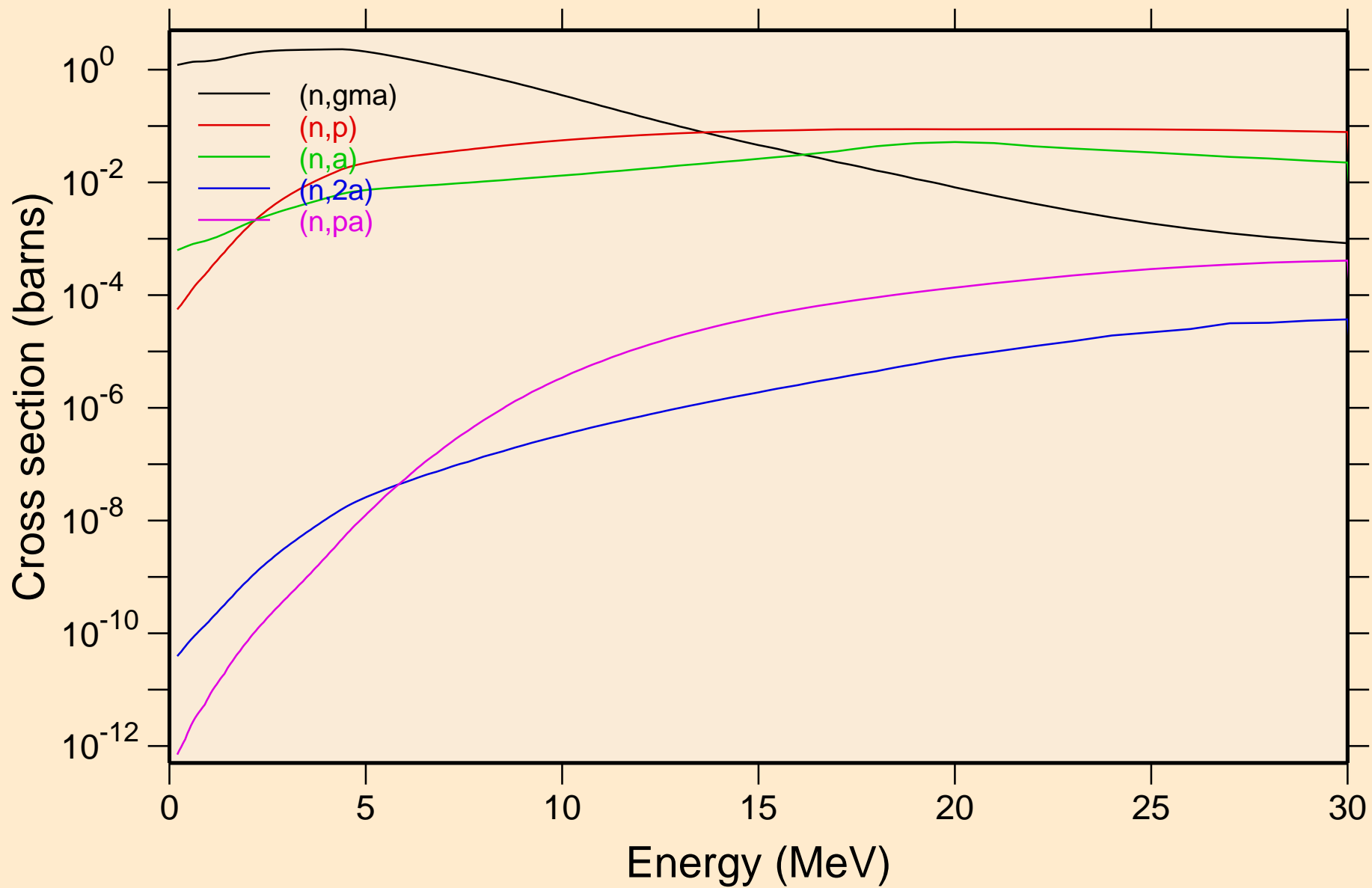
# PO198 NRG TENDL-2015, AKONING

## Principal cross sections



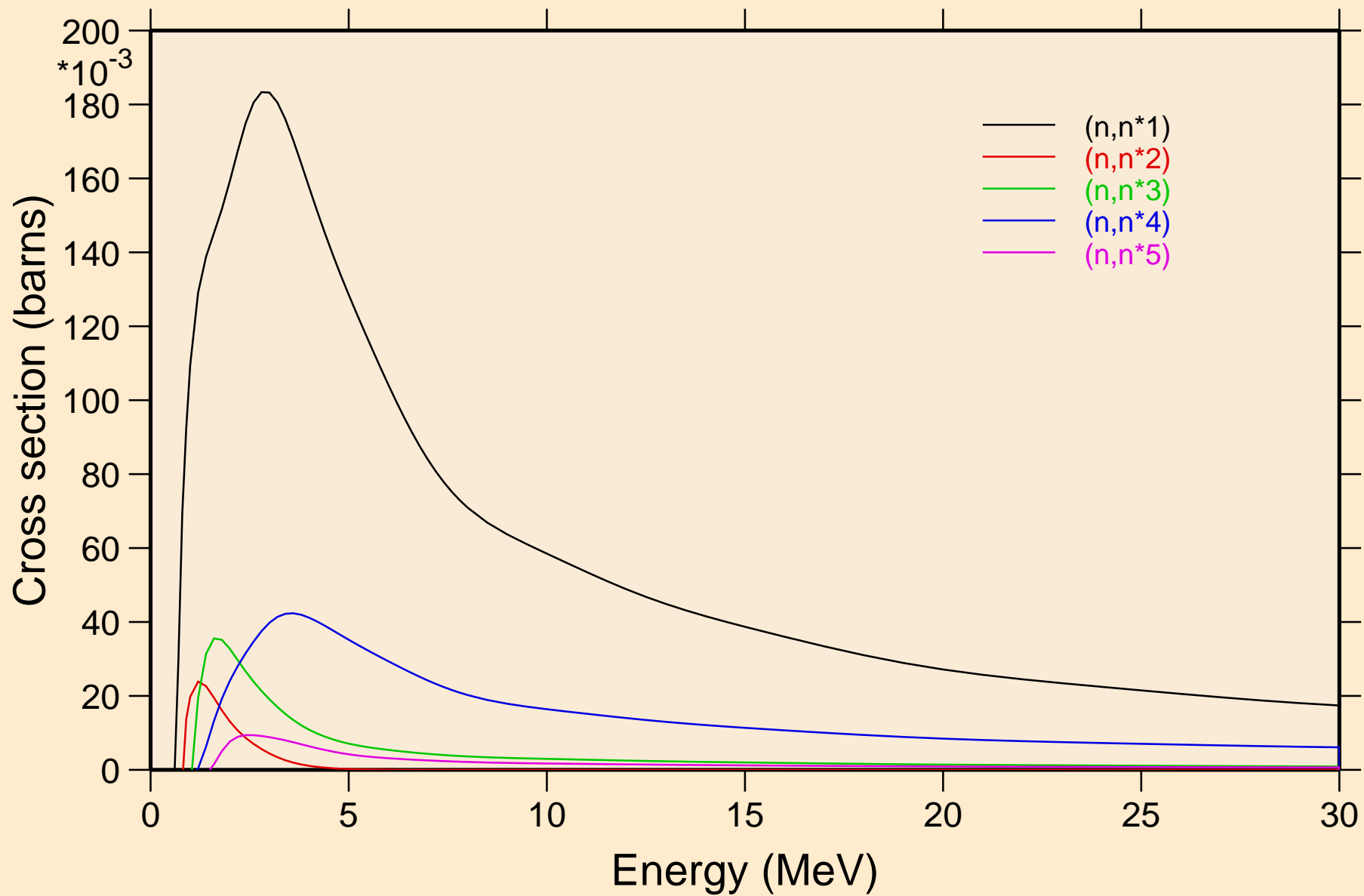
# PO198 NRG TENDL-2015, AKONING

## Non-threshold reactions

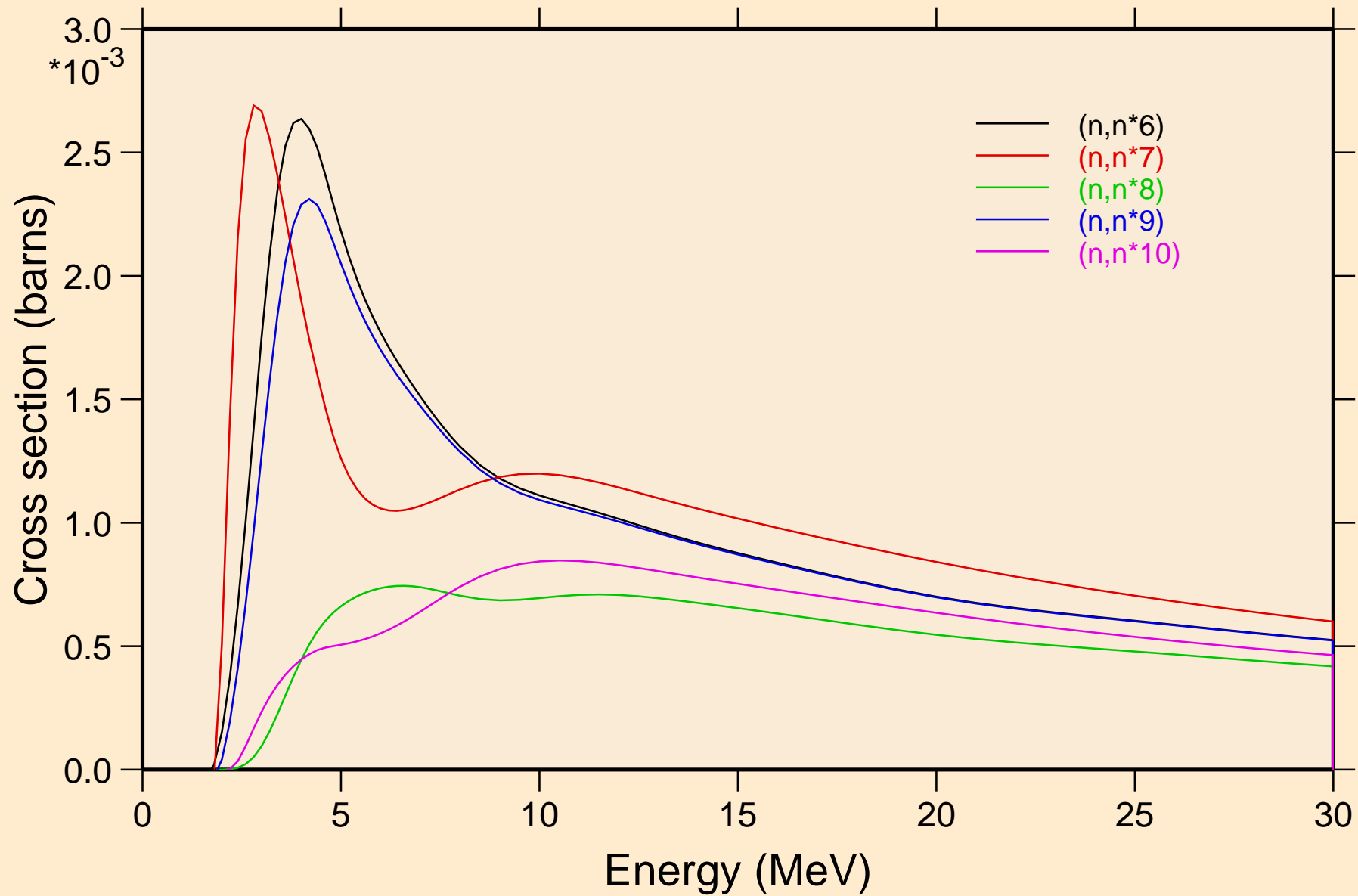


# PO198 NRG TENDL-2015, AKONING

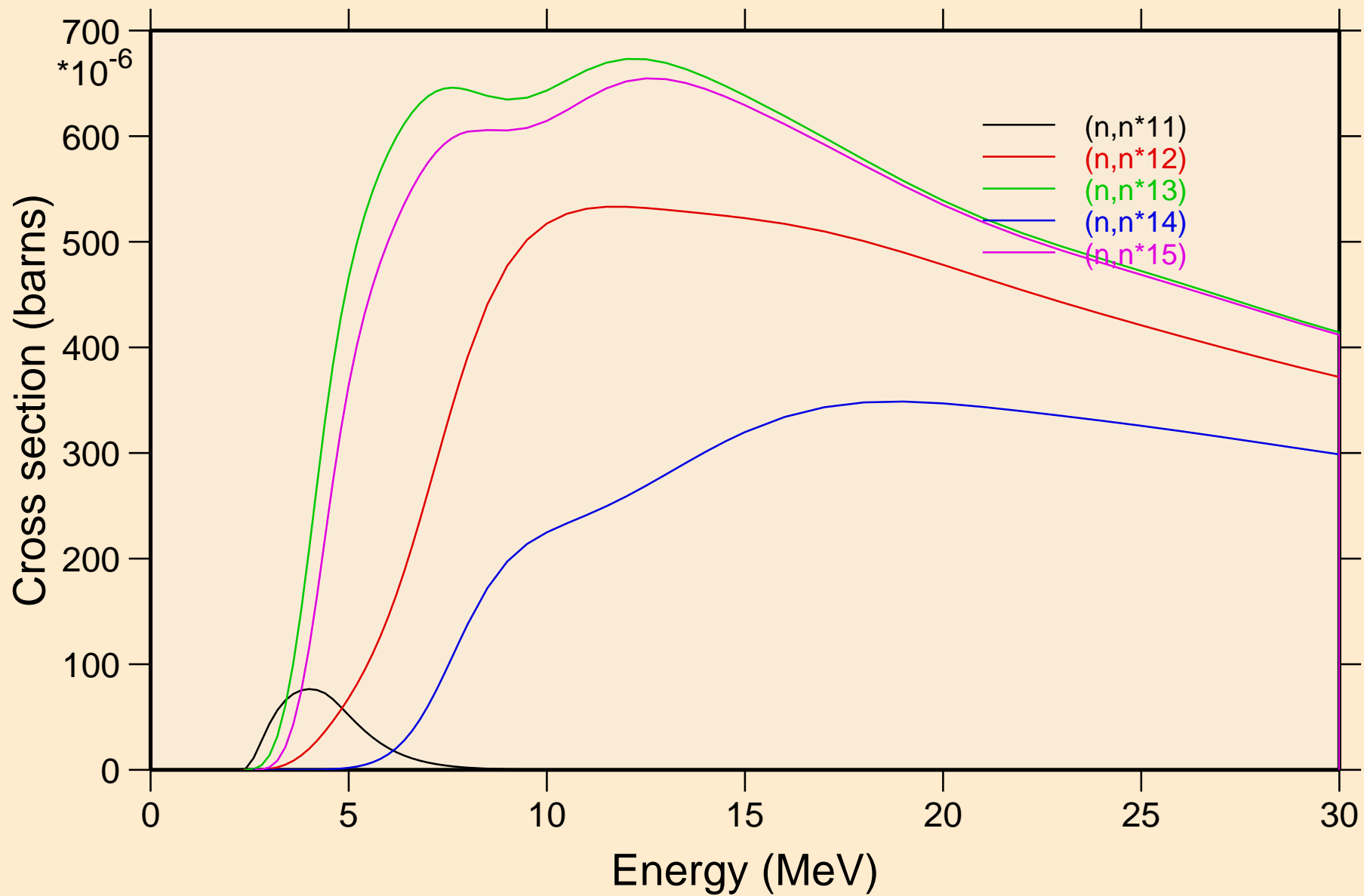
## Inelastic levels



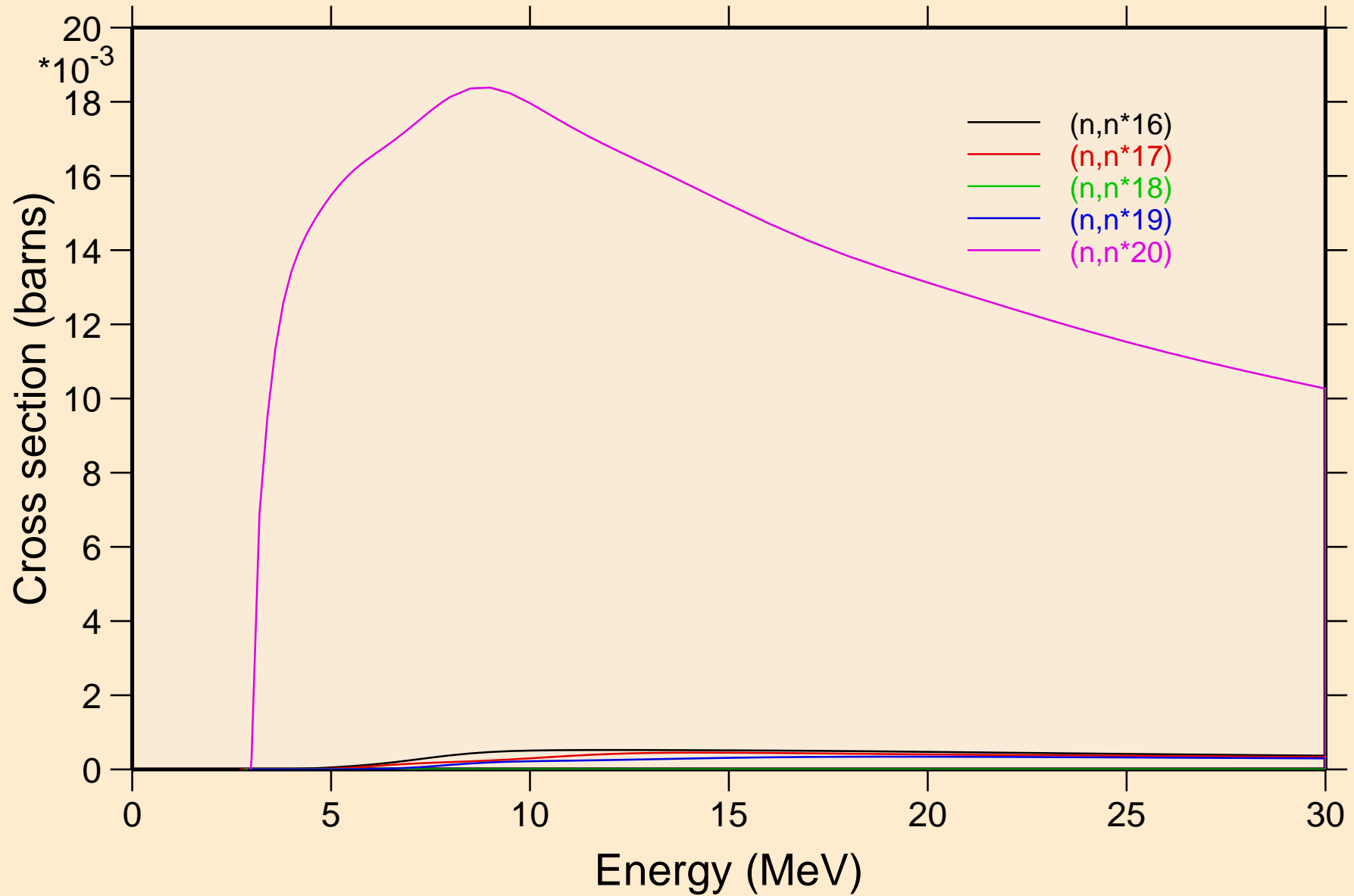
PO198 NRG TENDL-2015, AKONING  
Inelastic levels



PO198 NRG TENDL-2015, AKONING  
Inelastic levels



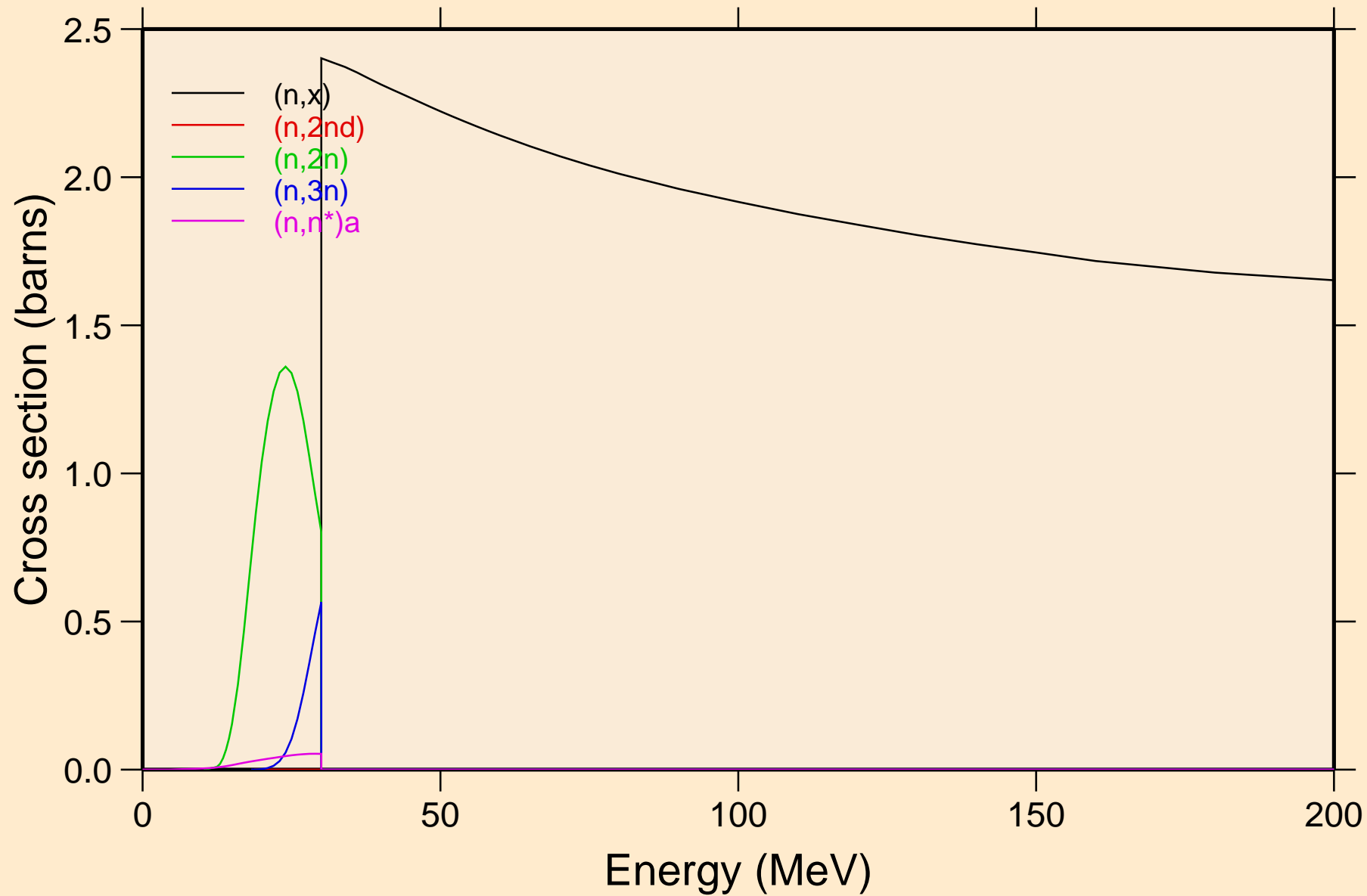
PO198 NRG TENDL-2015, AKONING  
Inelastic levels





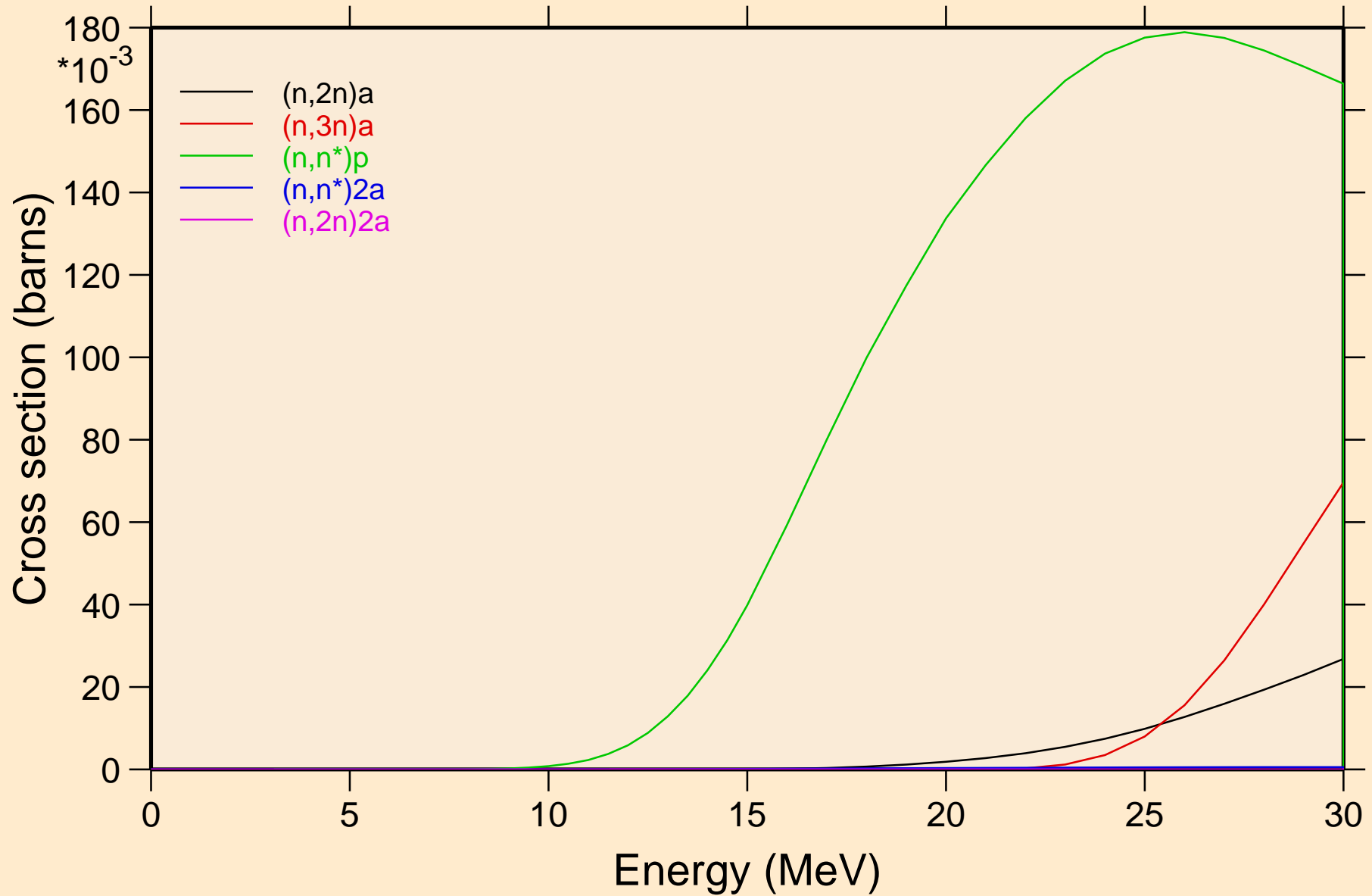
# PO198 NRG TENDL-2015, AKONING

## Threshold reactions



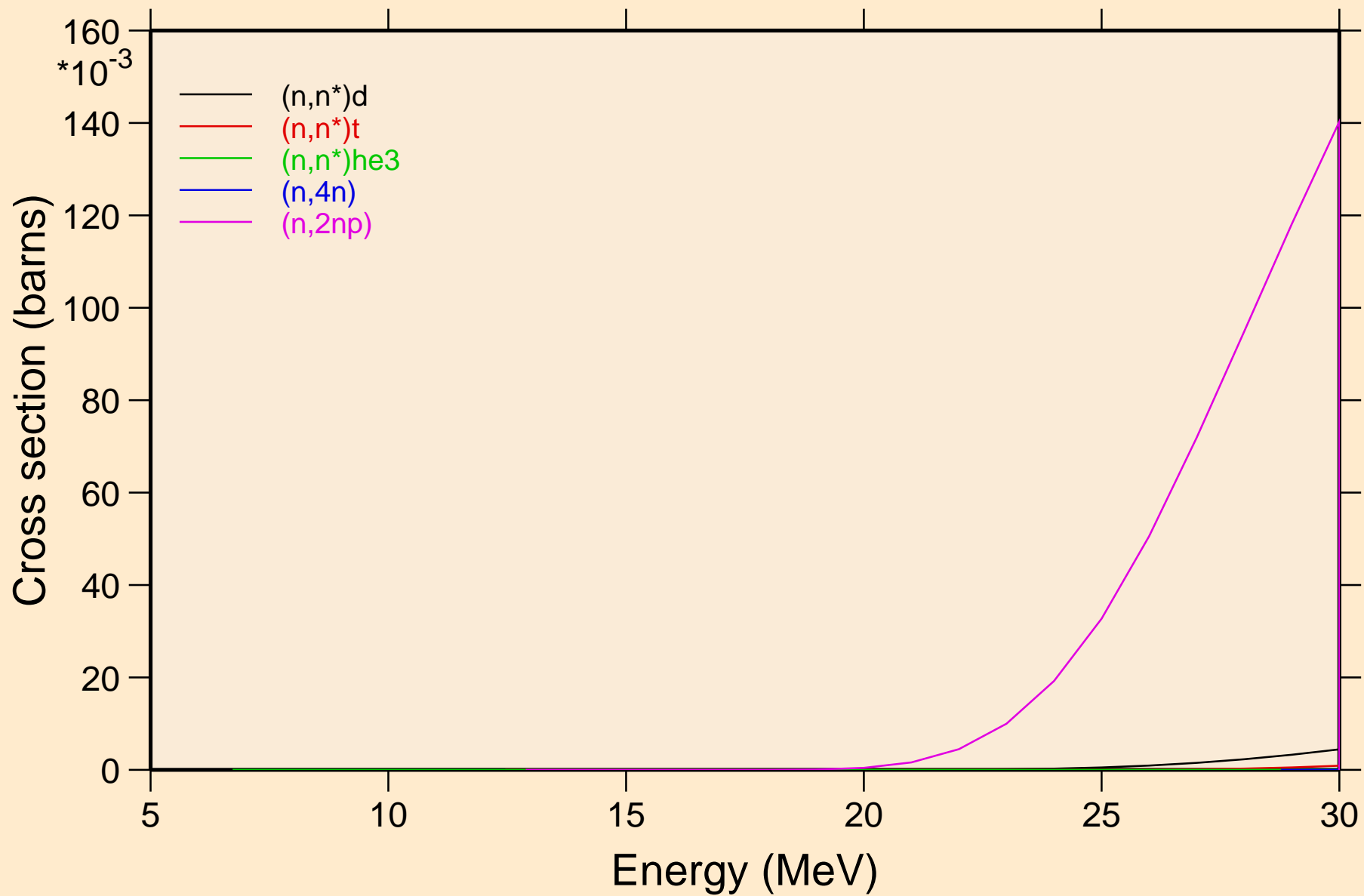
# PO198 NRG TENDL-2015, AKONING

## Threshold reactions



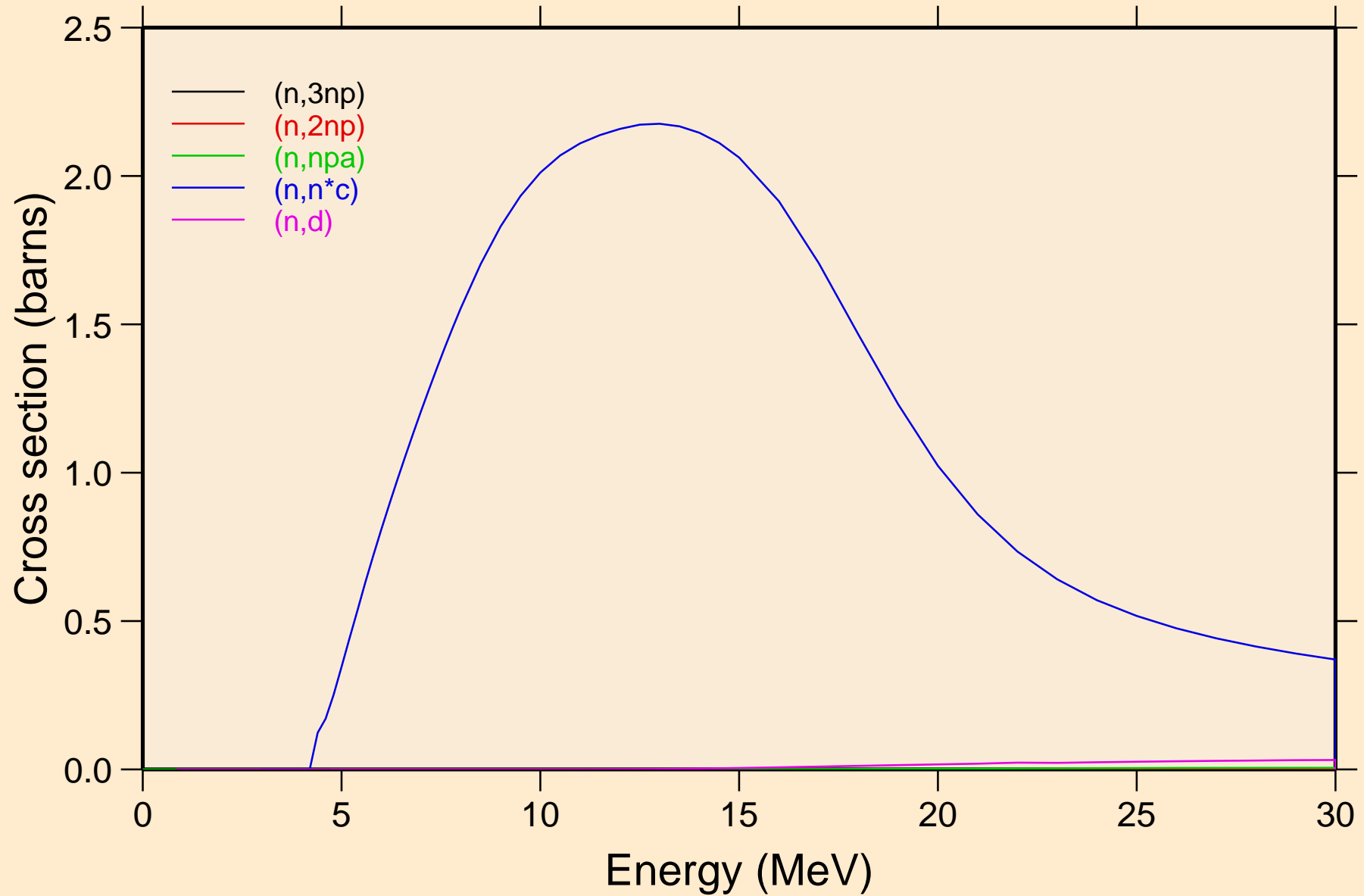
# PO198 NRG TENDL-2015, AKONING

## Threshold reactions



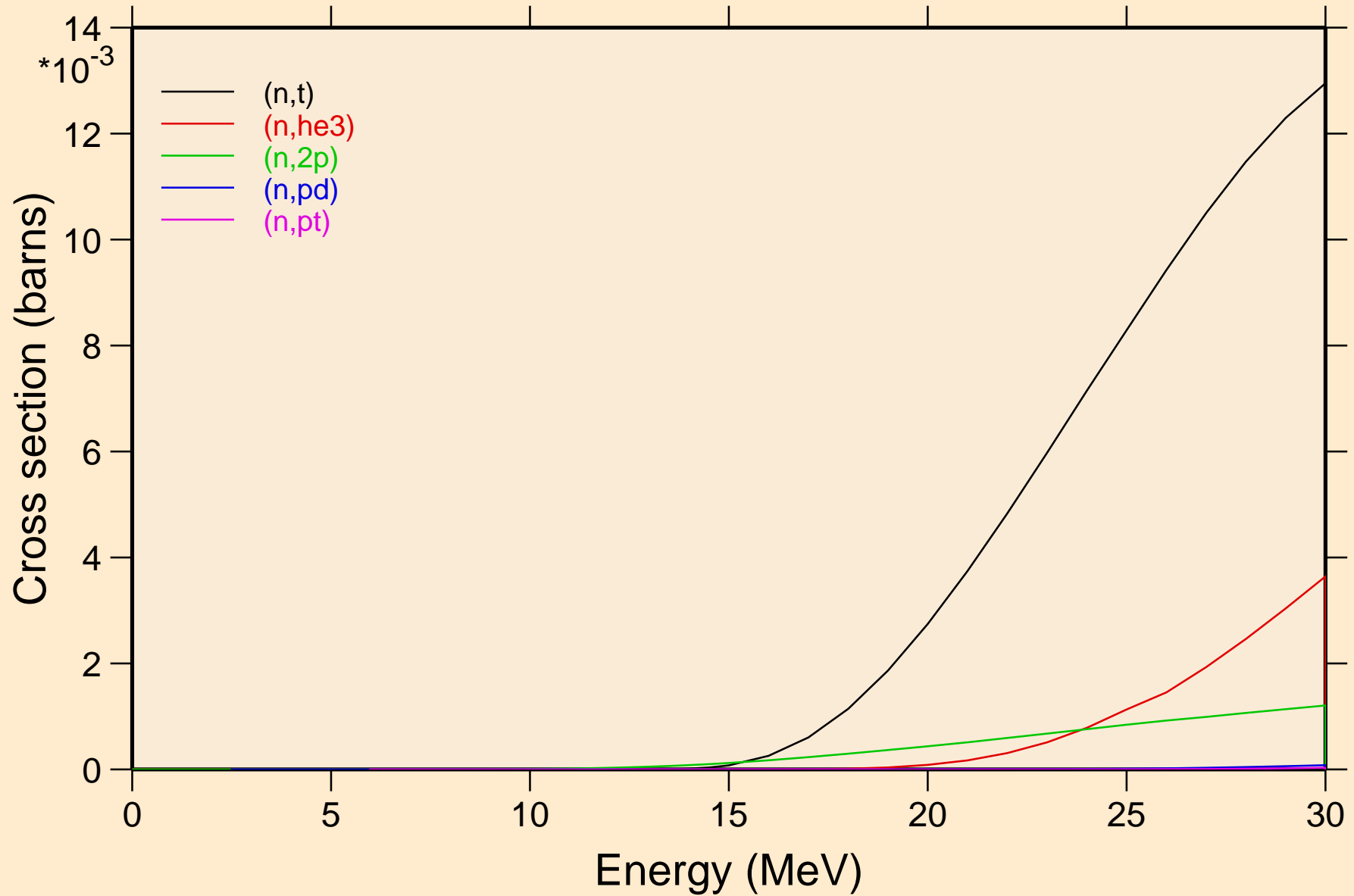
# PO198 NRG TENDL-2015, AKONING

## Threshold reactions

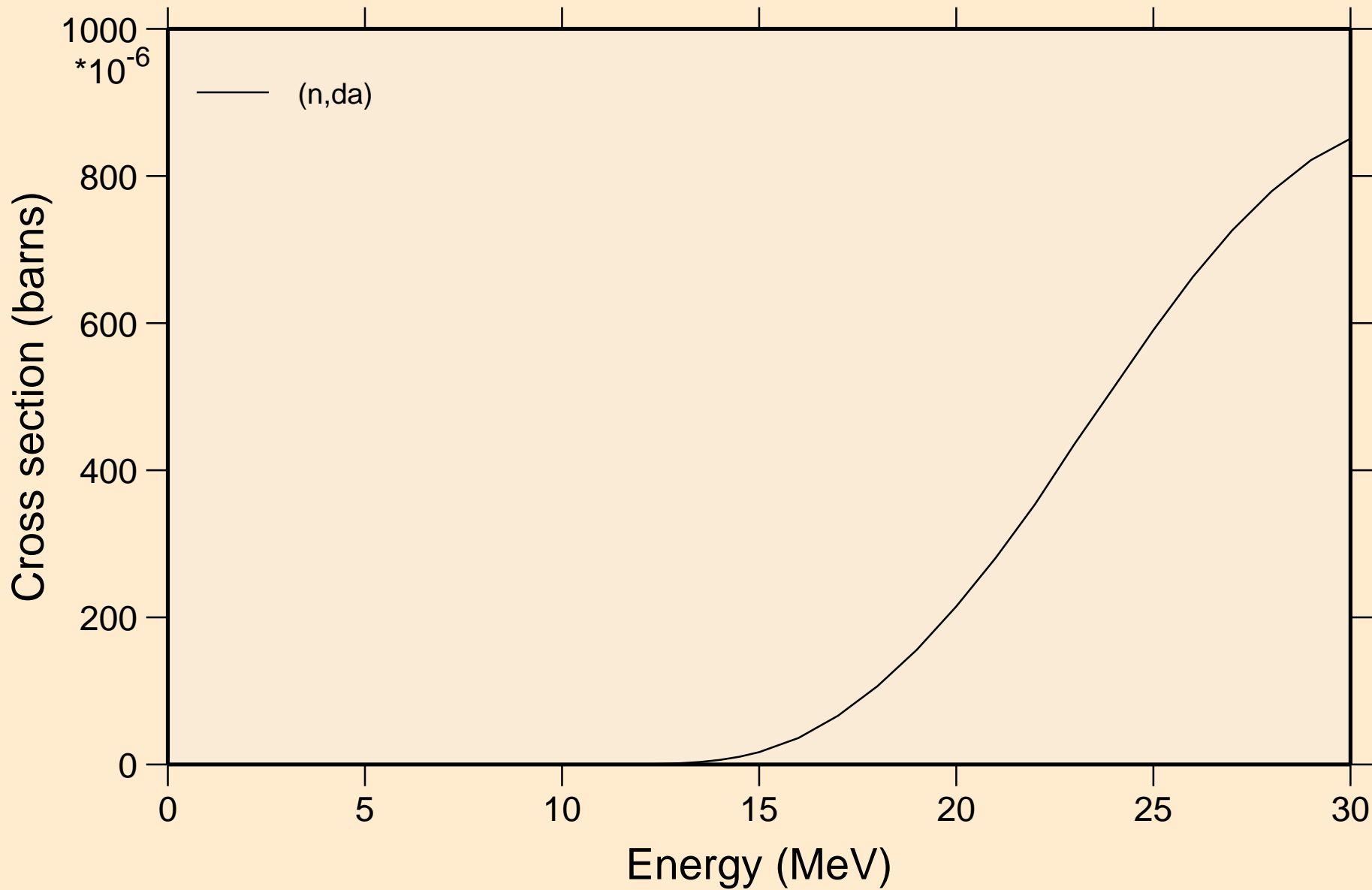


# PO198 NRG TENDL-2015, AKONING

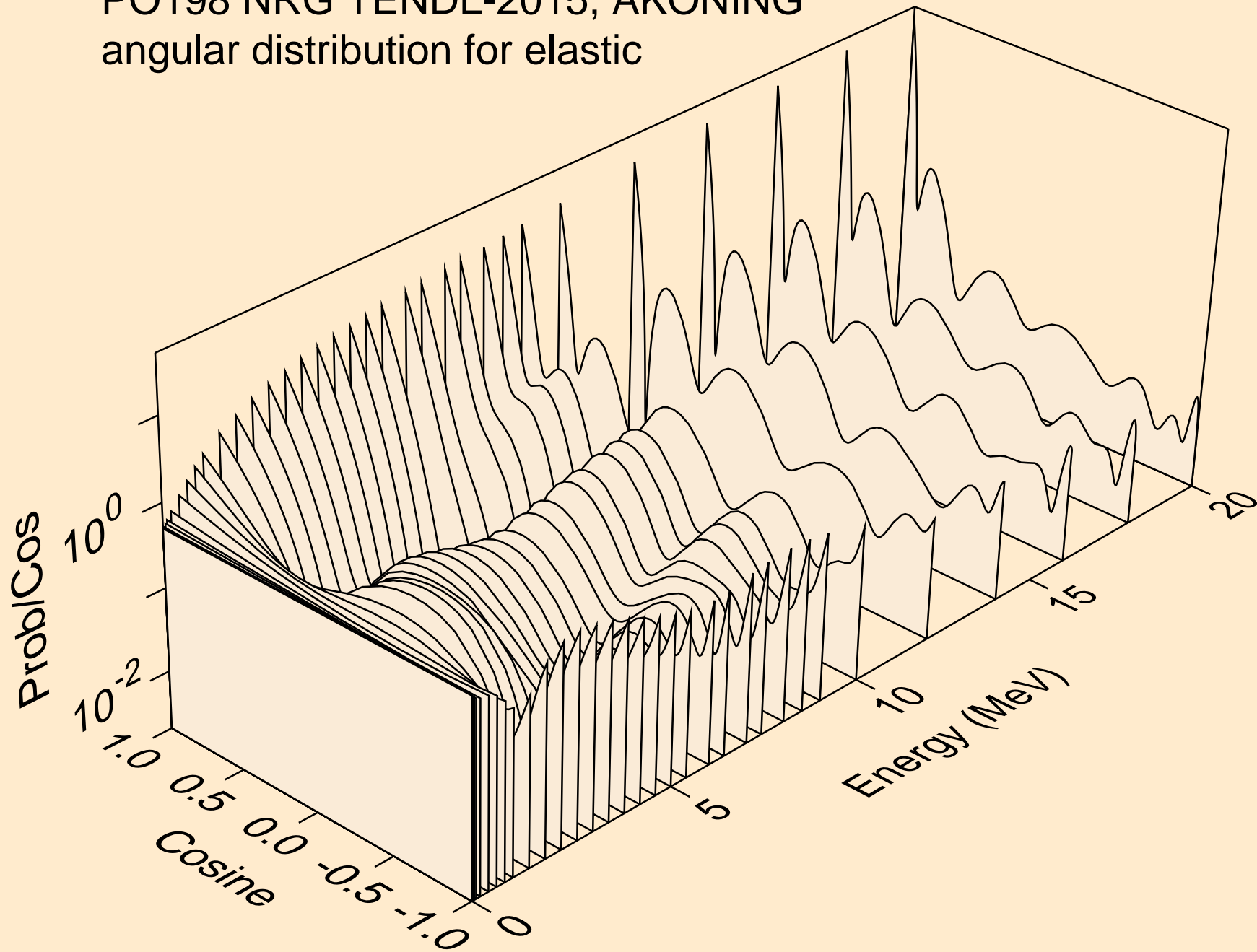
## Threshold reactions



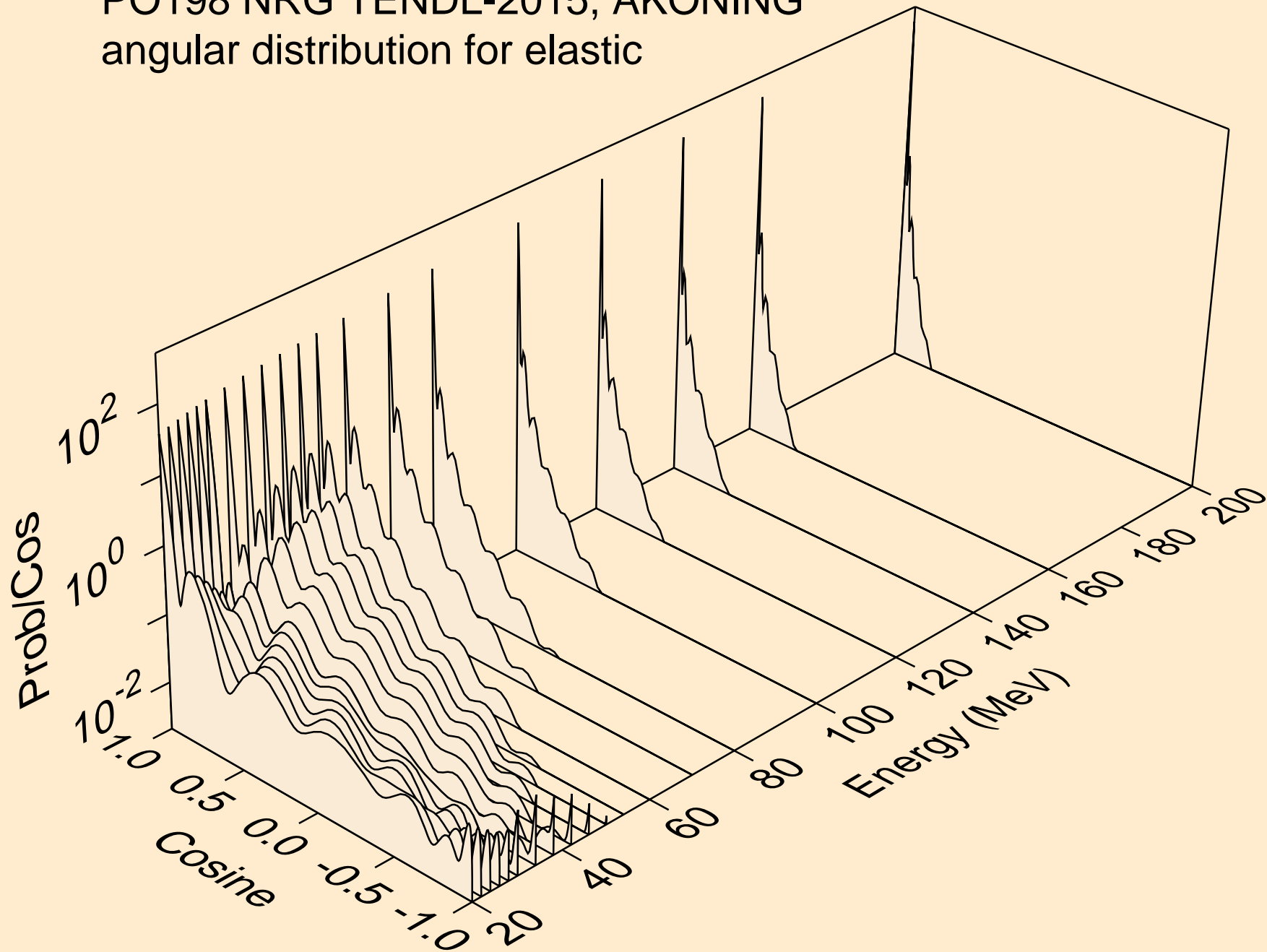
PO198 NRG TENDL-2015, AKONING  
Threshold reactions



PO198 NRG TENDL-2015, AKONING  
angular distribution for elastic

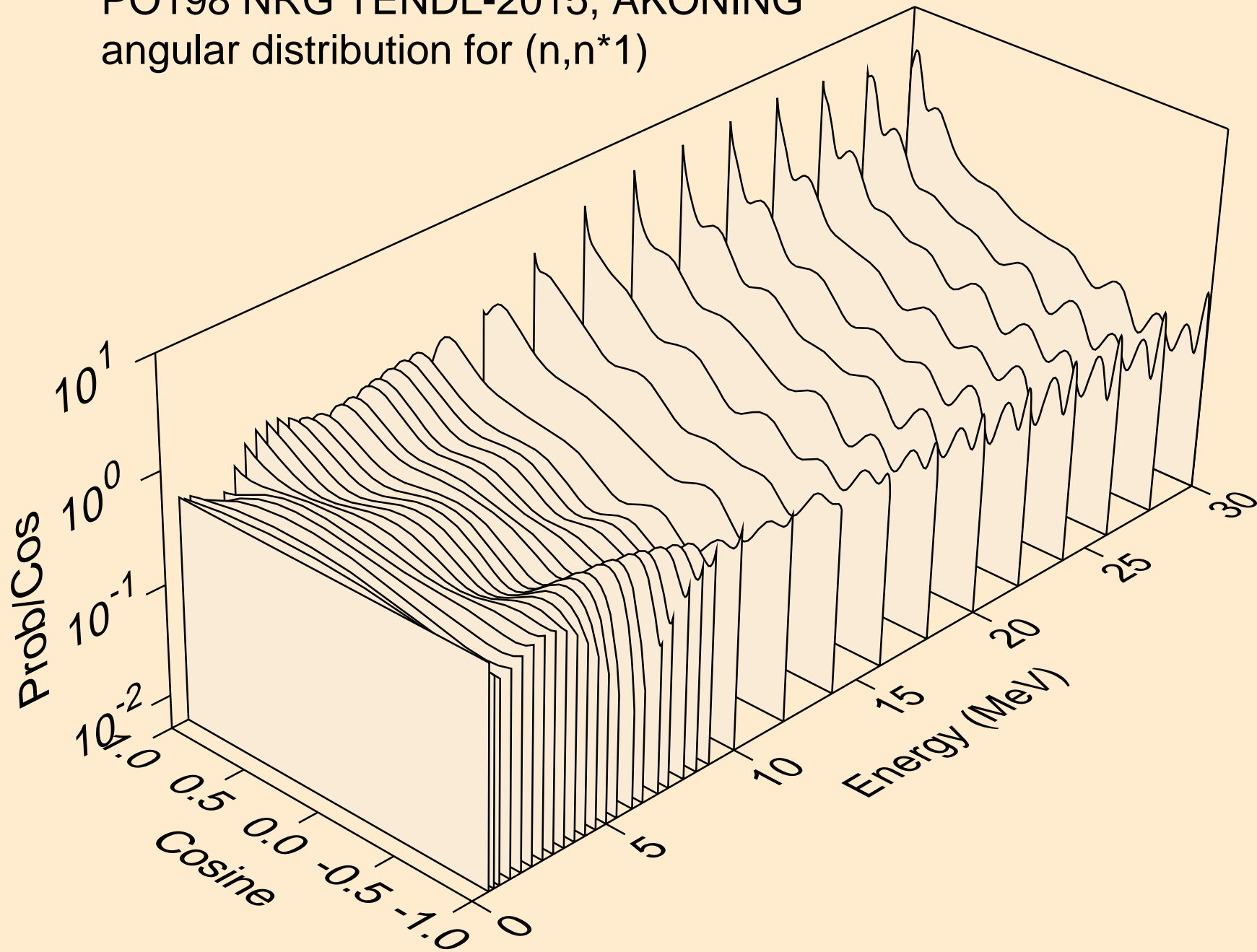


PO198 NRG TENDL-2015, AKONING  
angular distribution for elastic

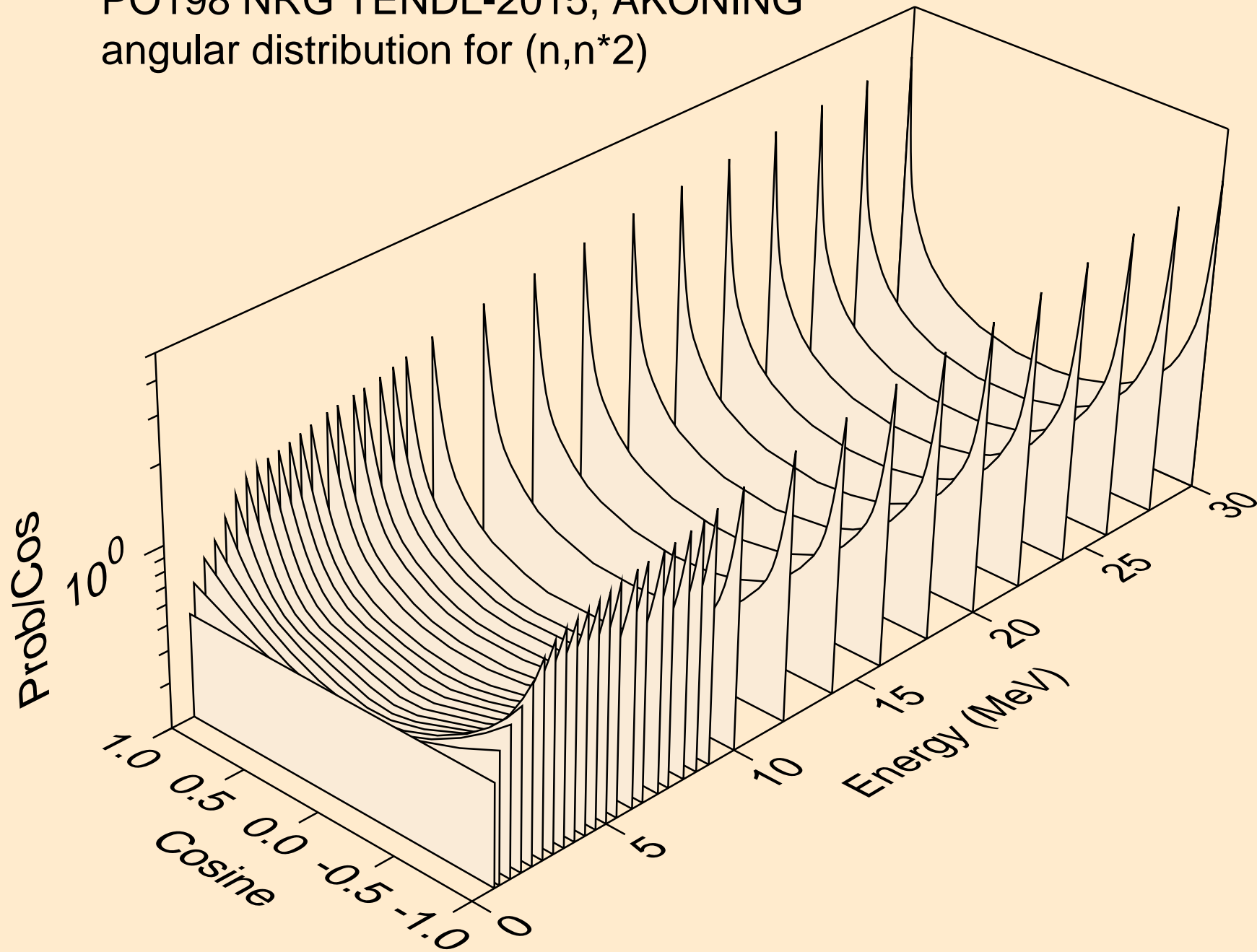




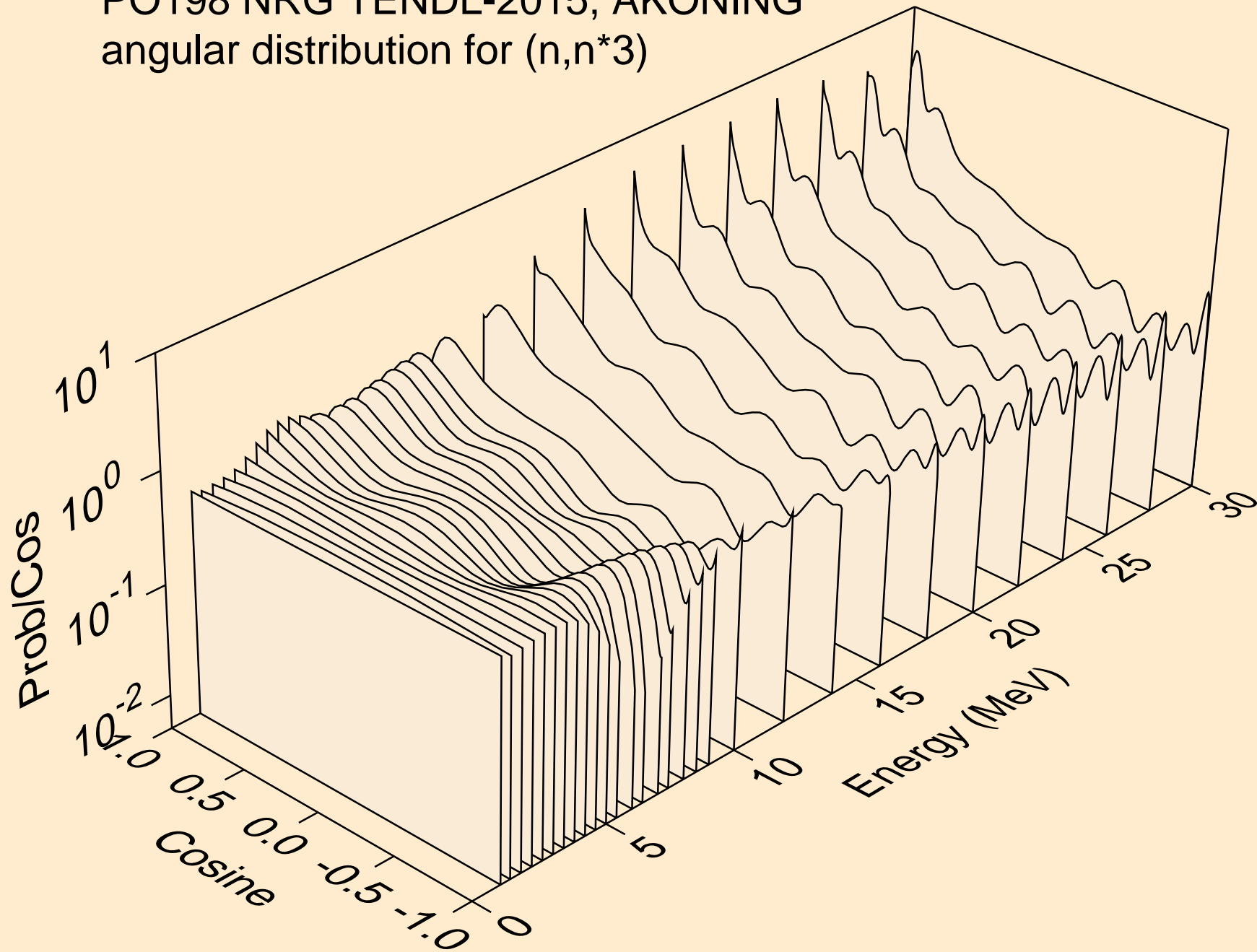
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



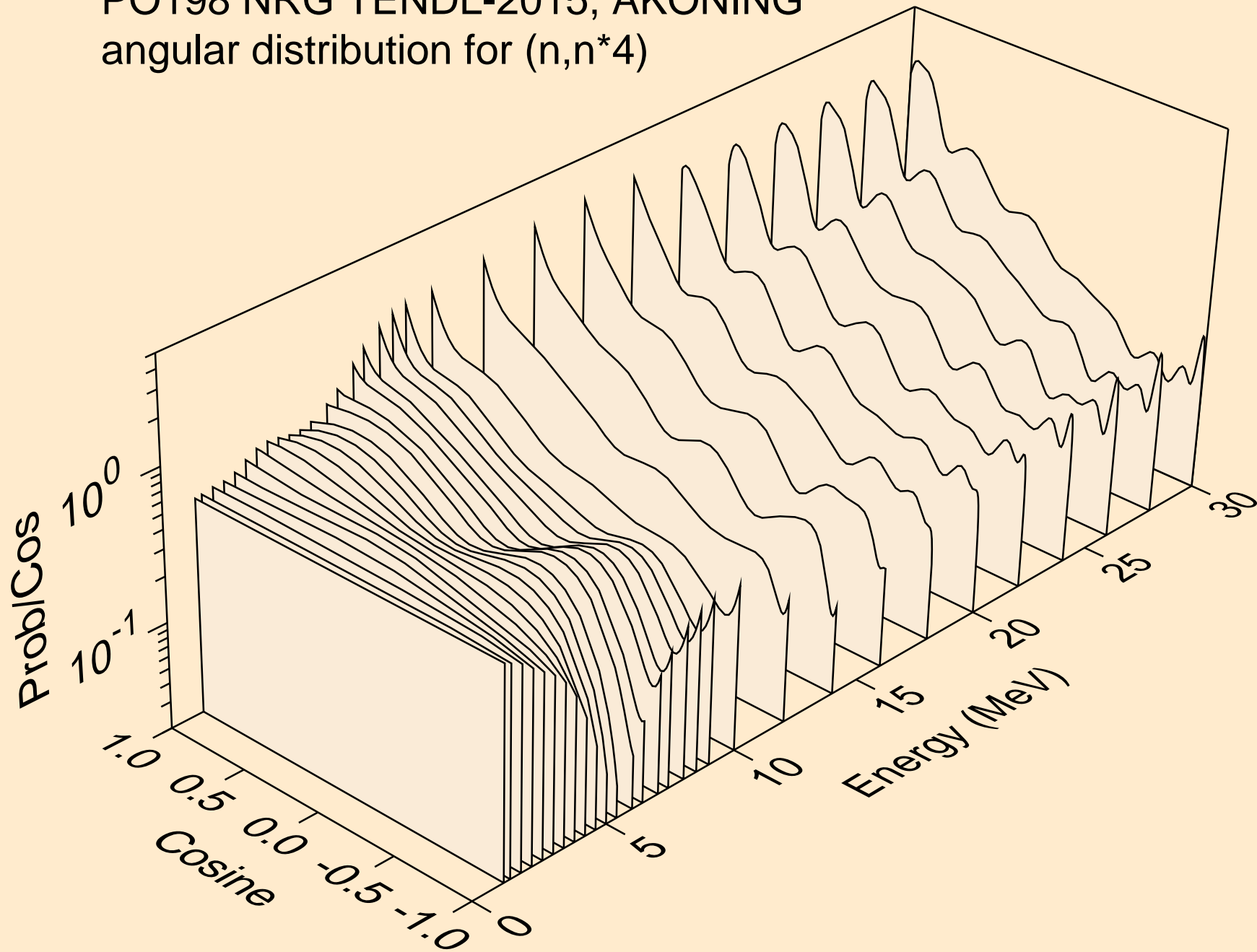
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



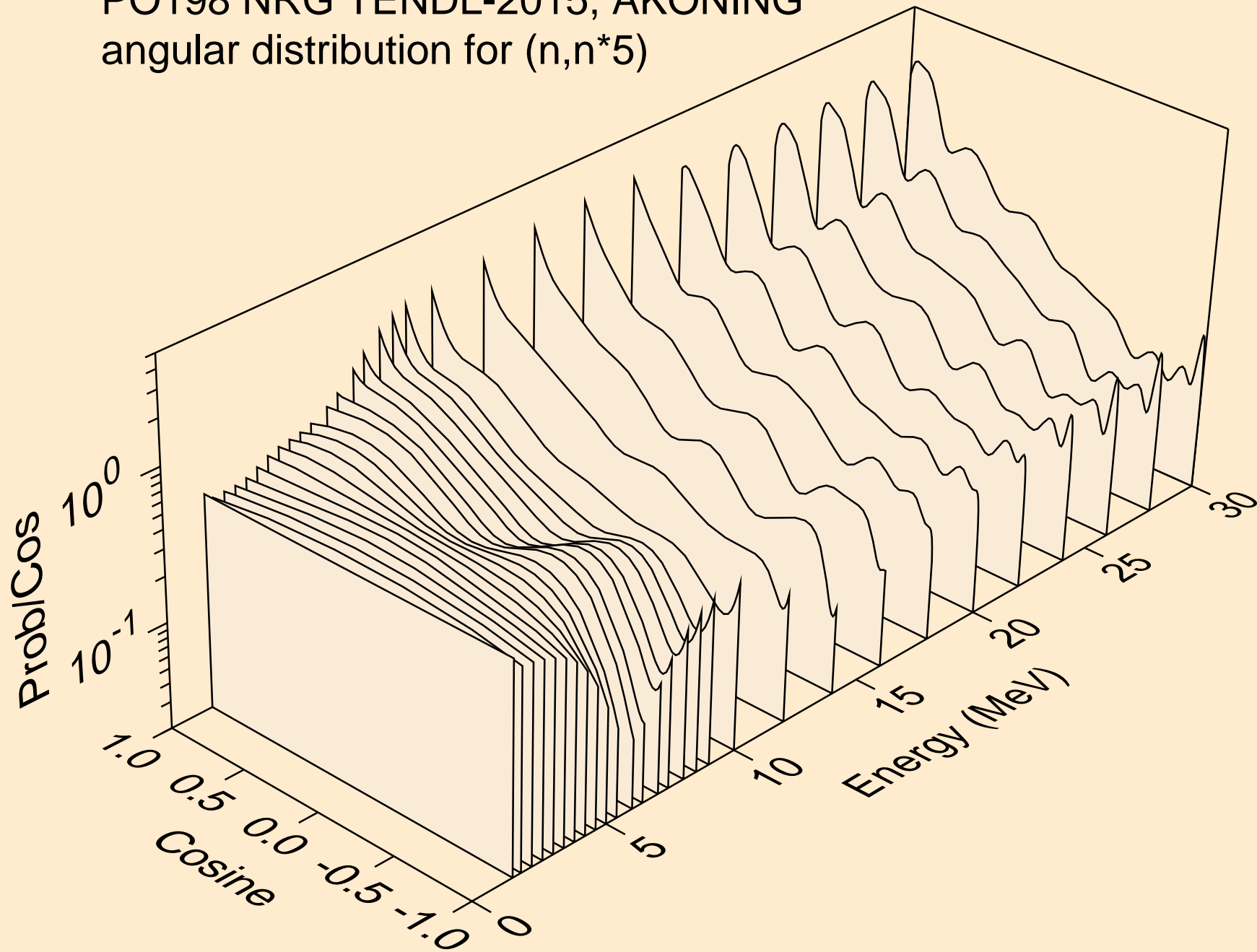
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



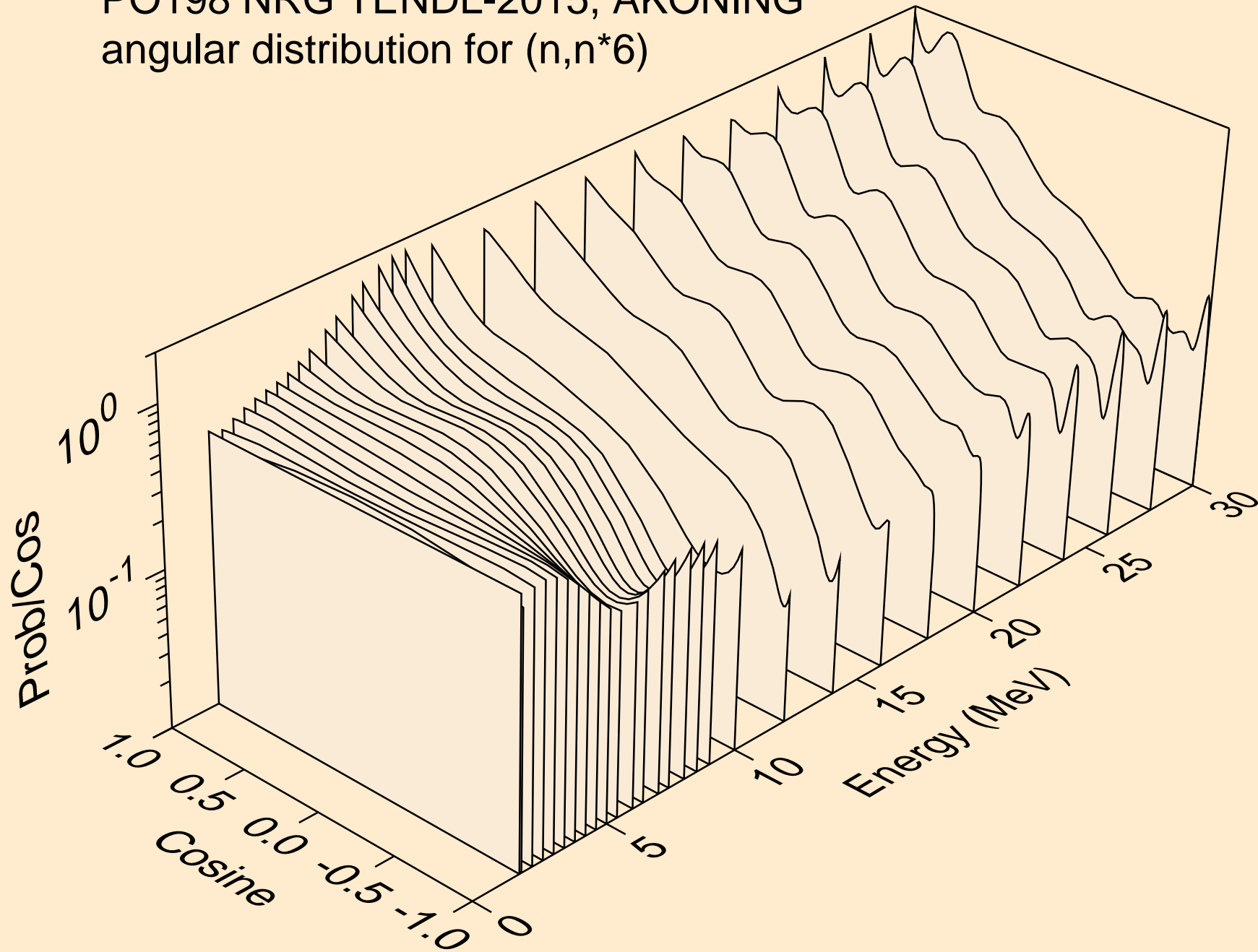
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



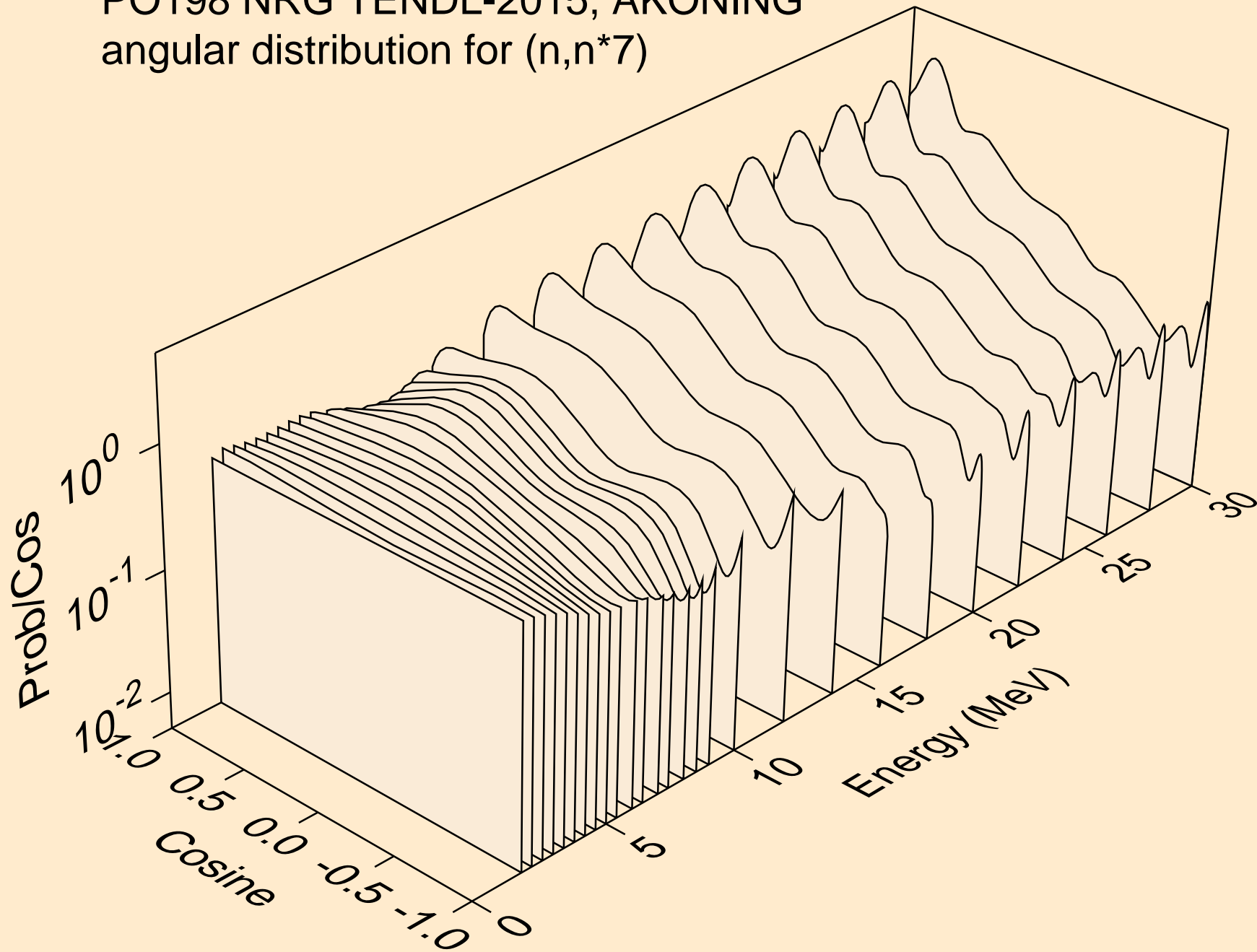
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



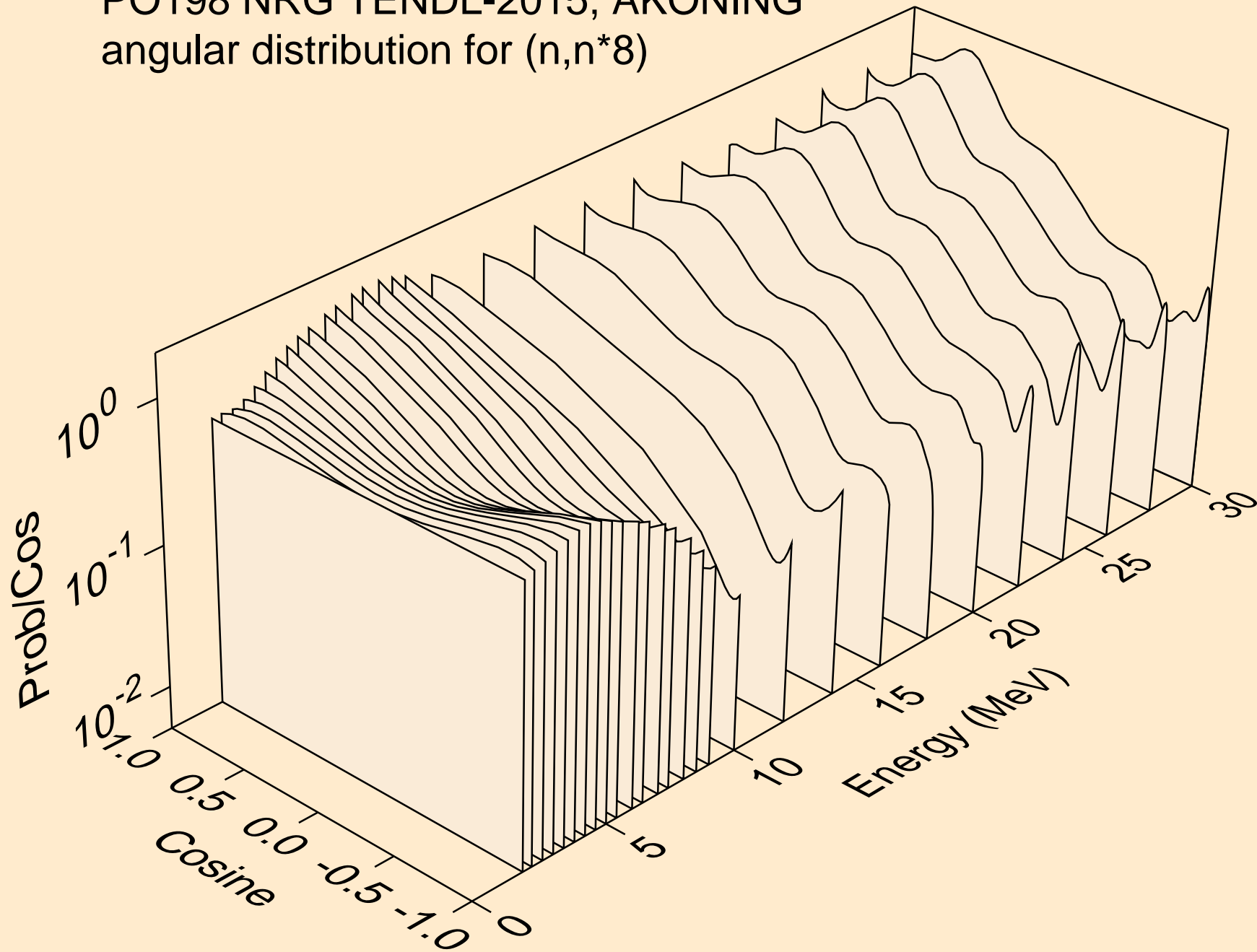
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

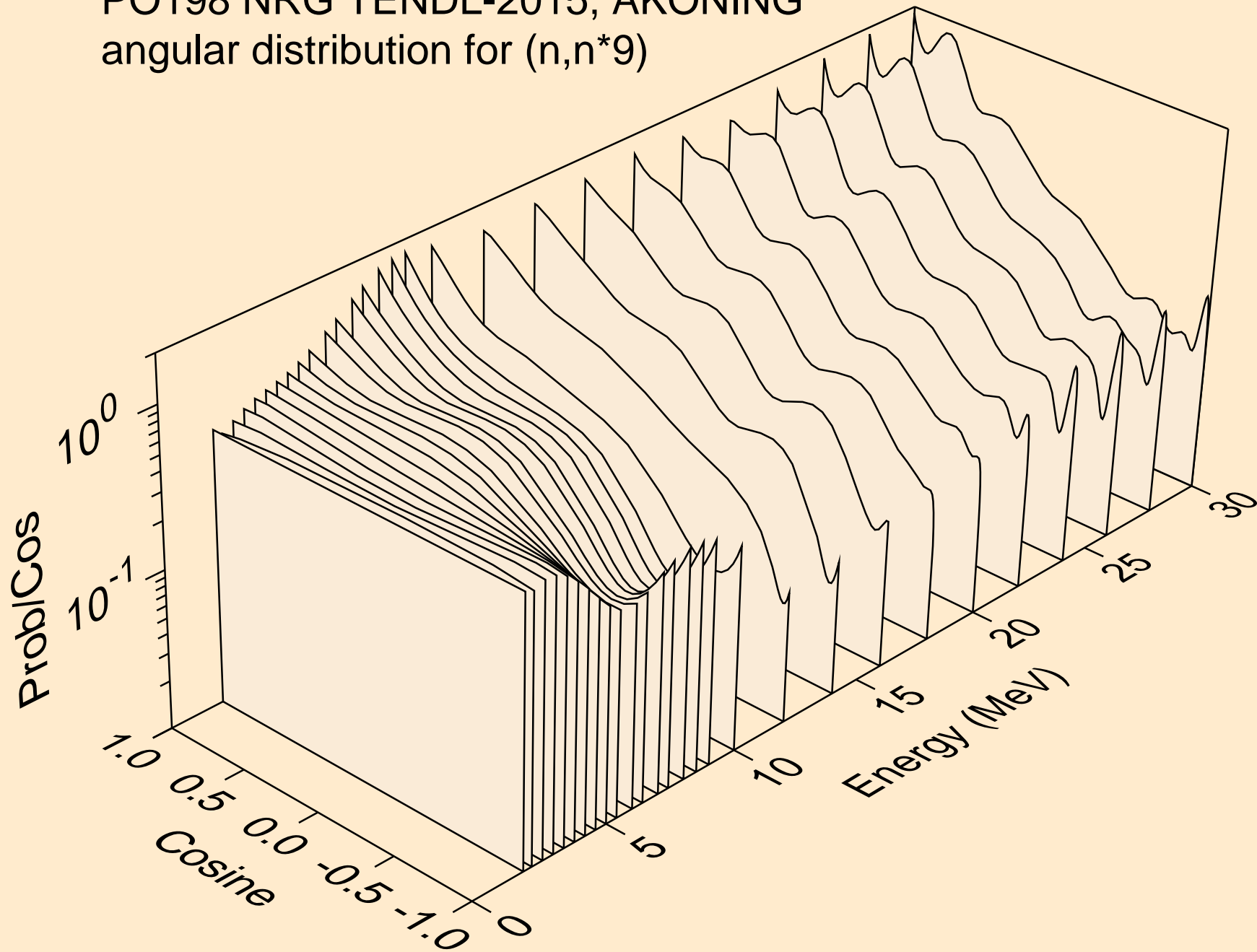


PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

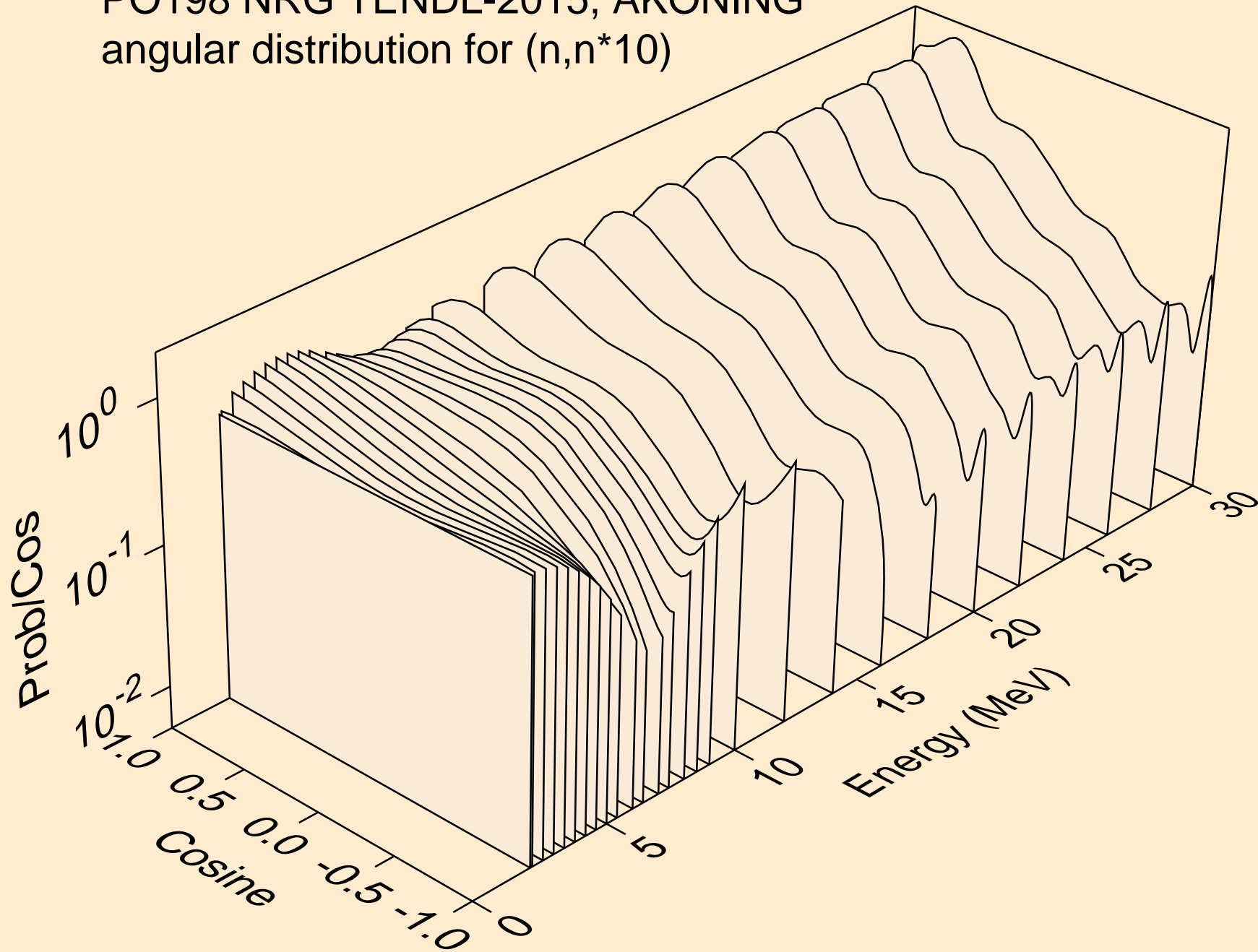




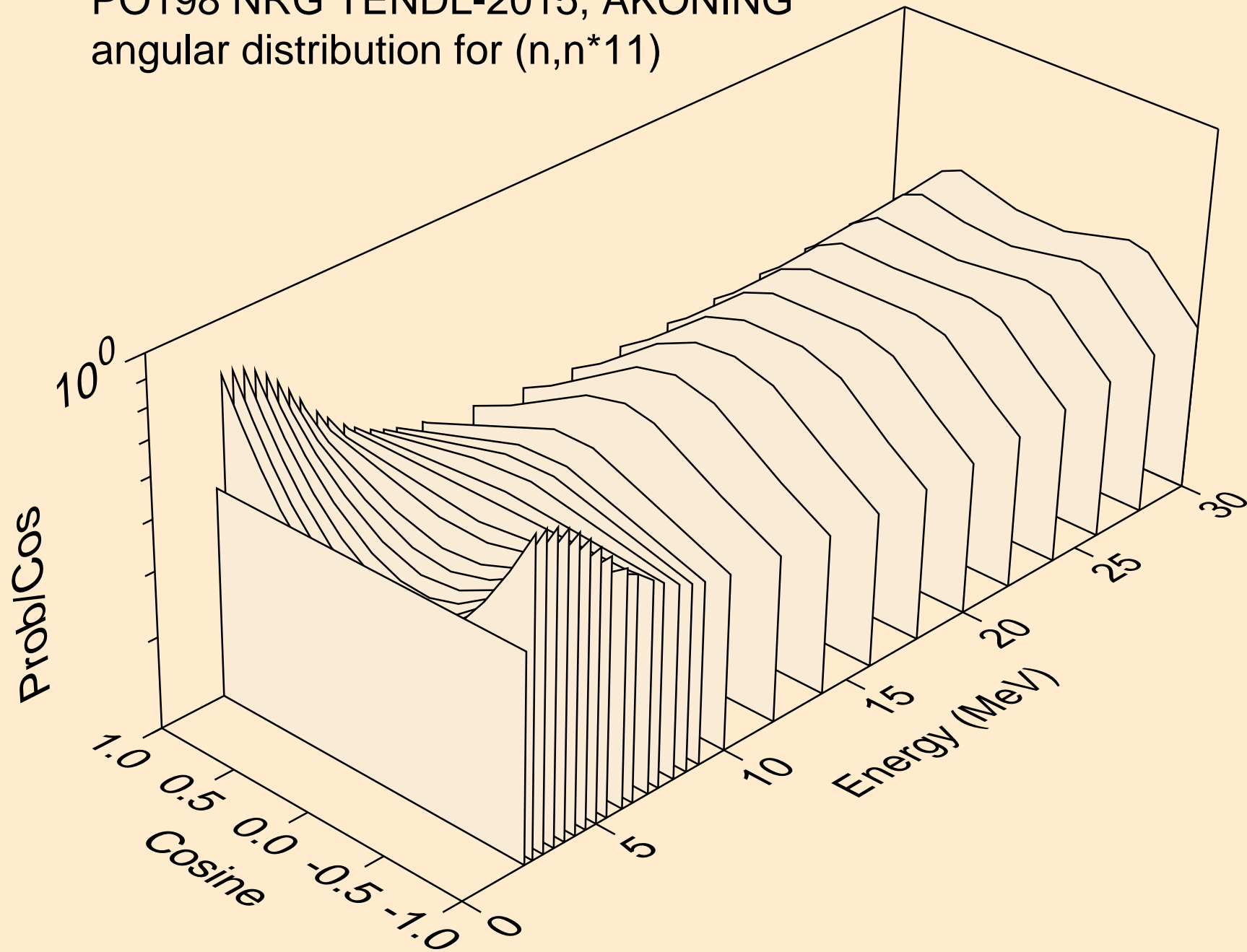
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



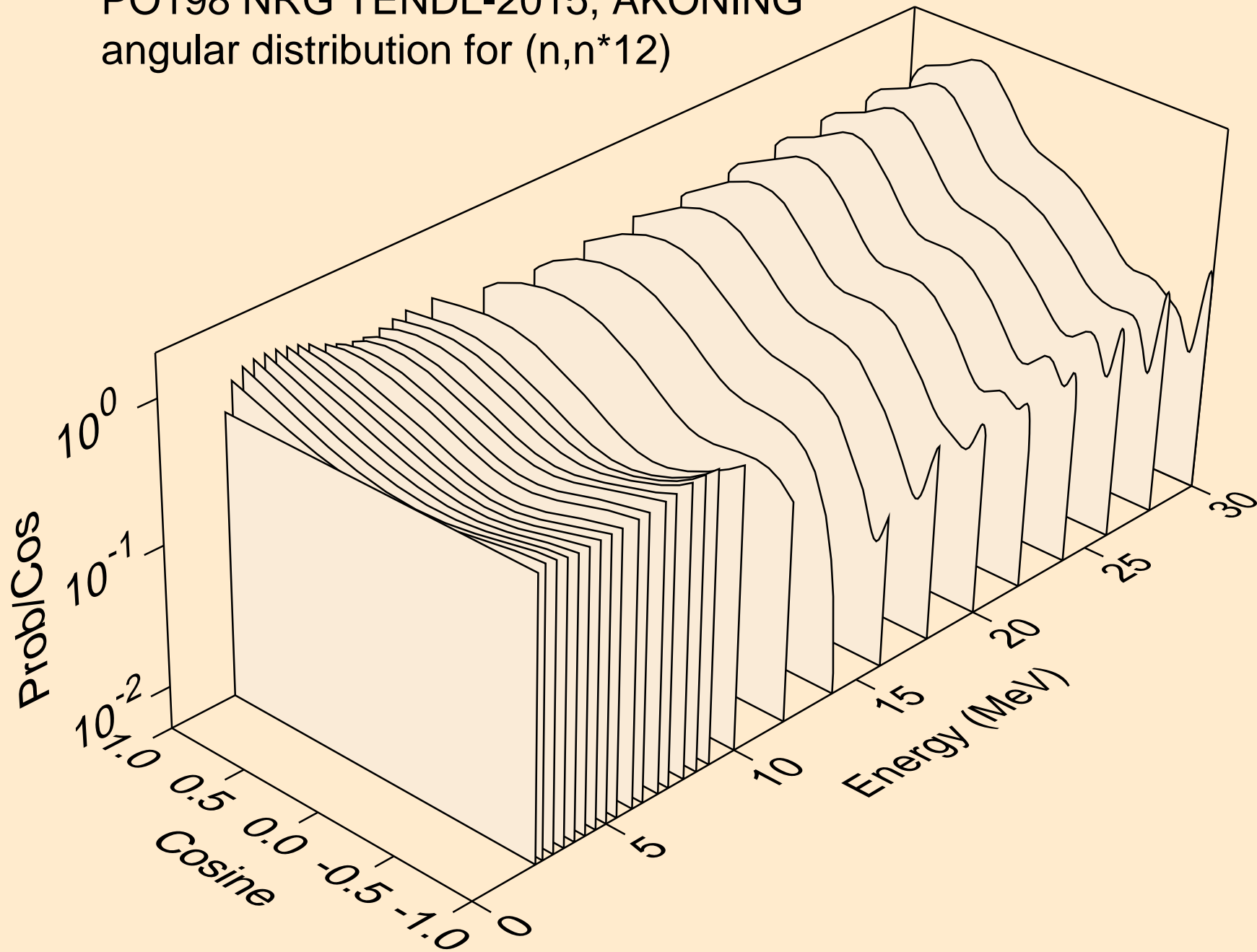
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



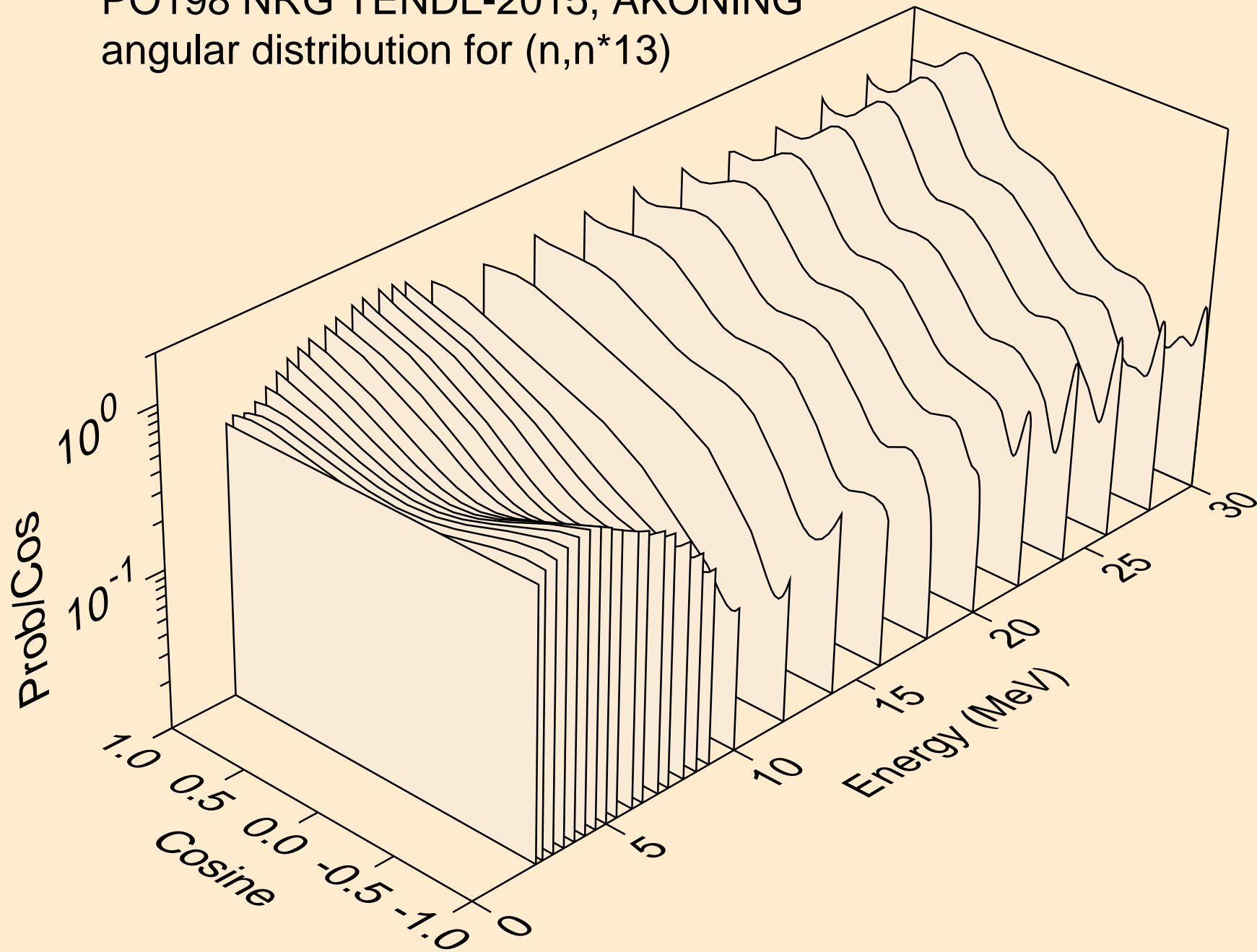
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



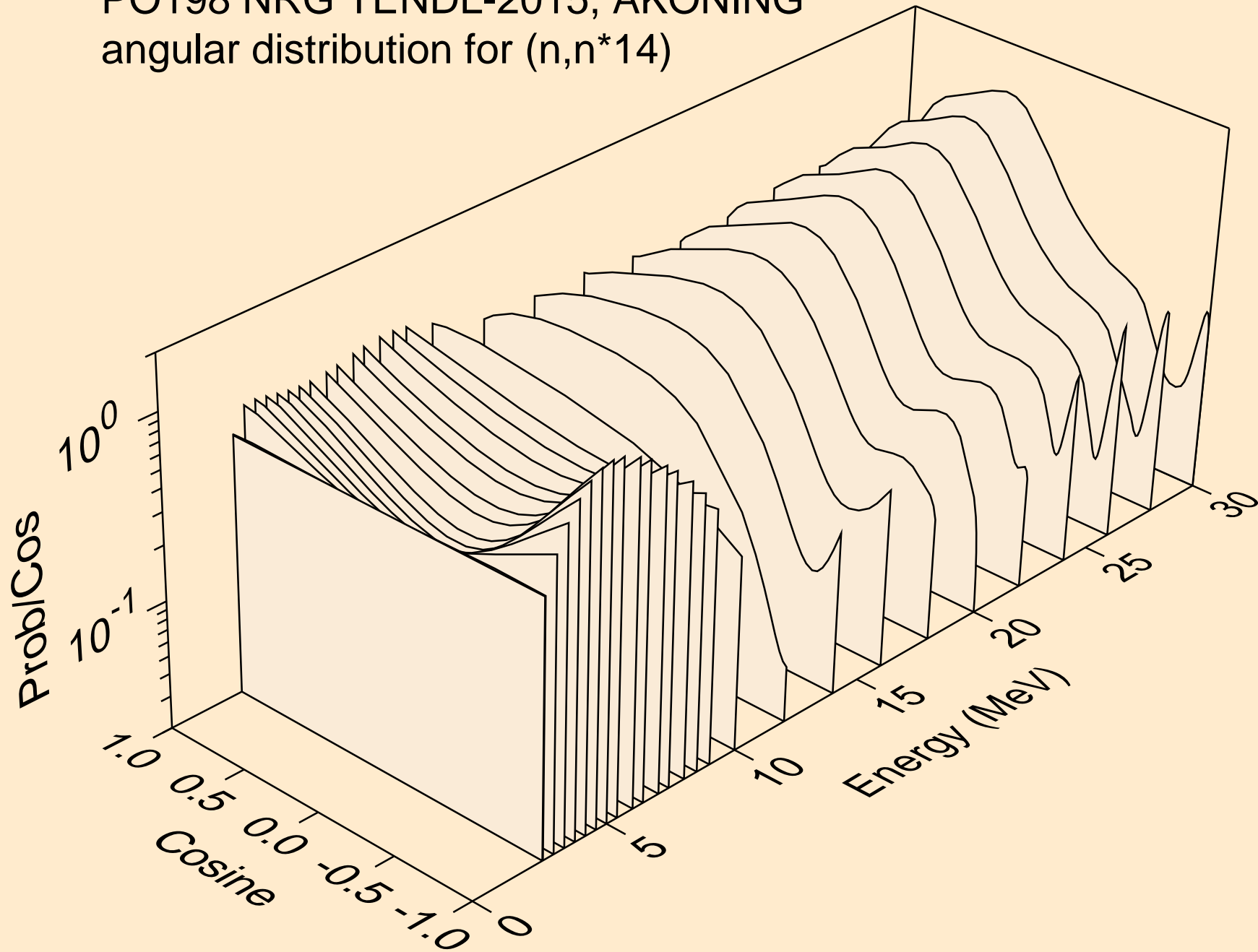
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



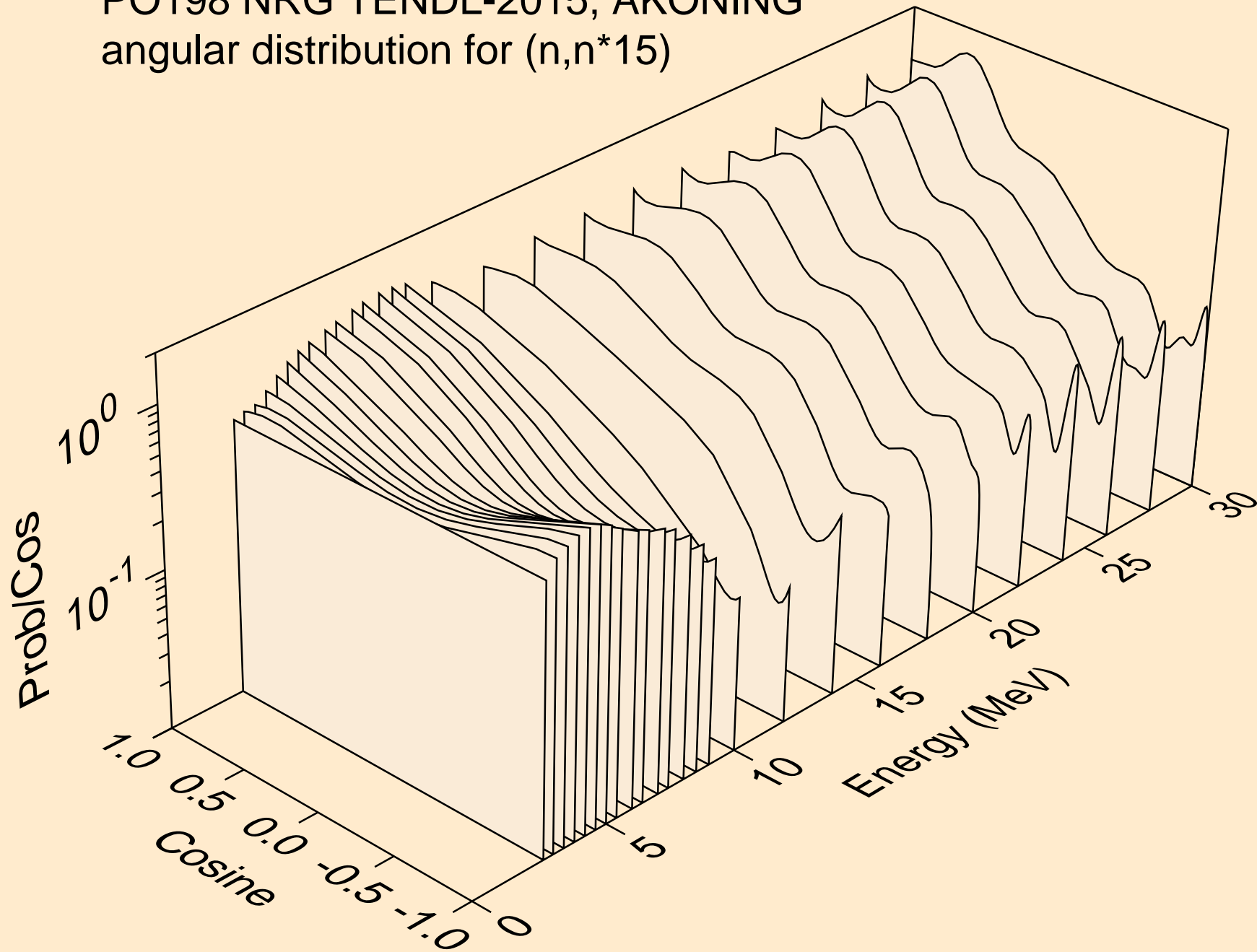
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



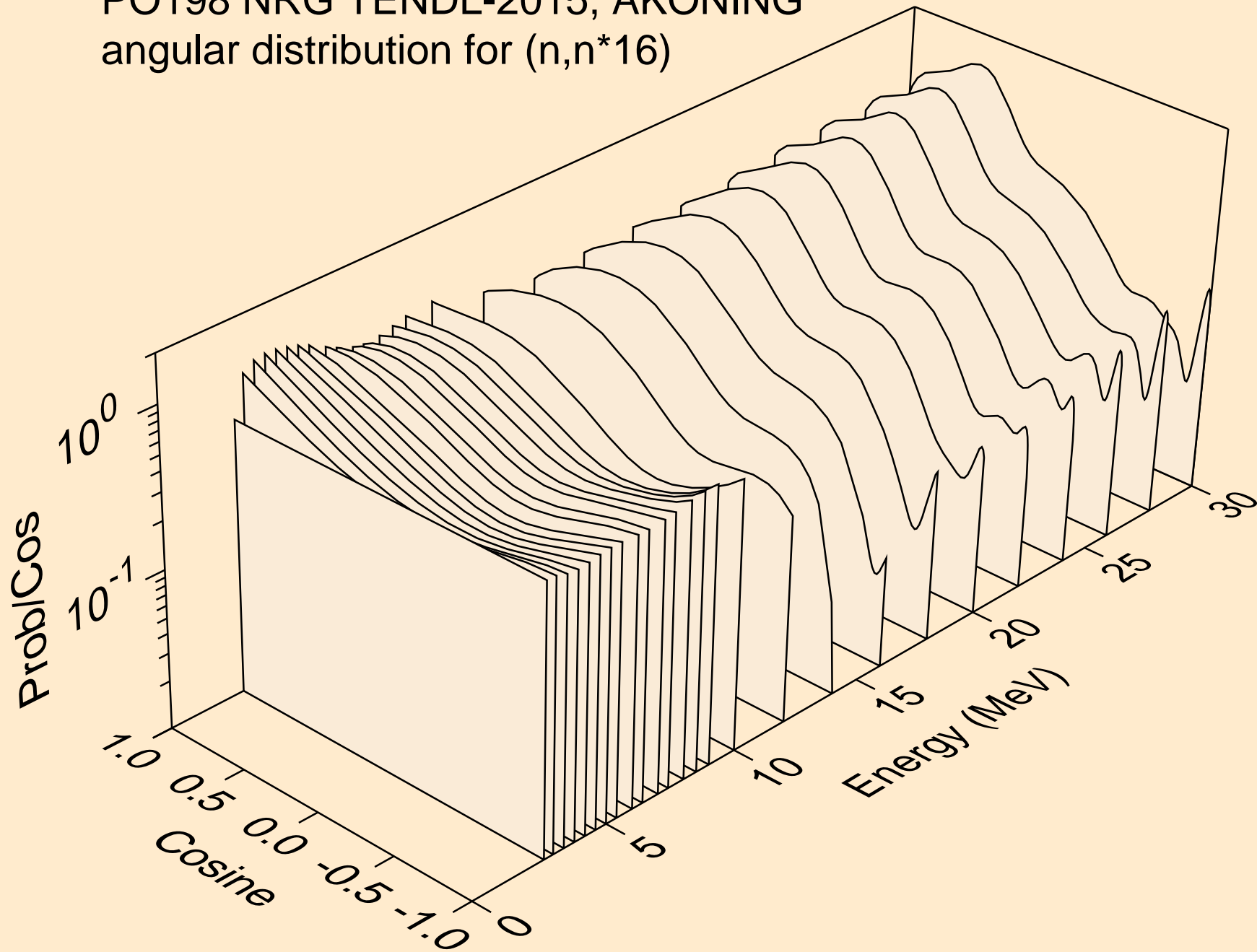
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

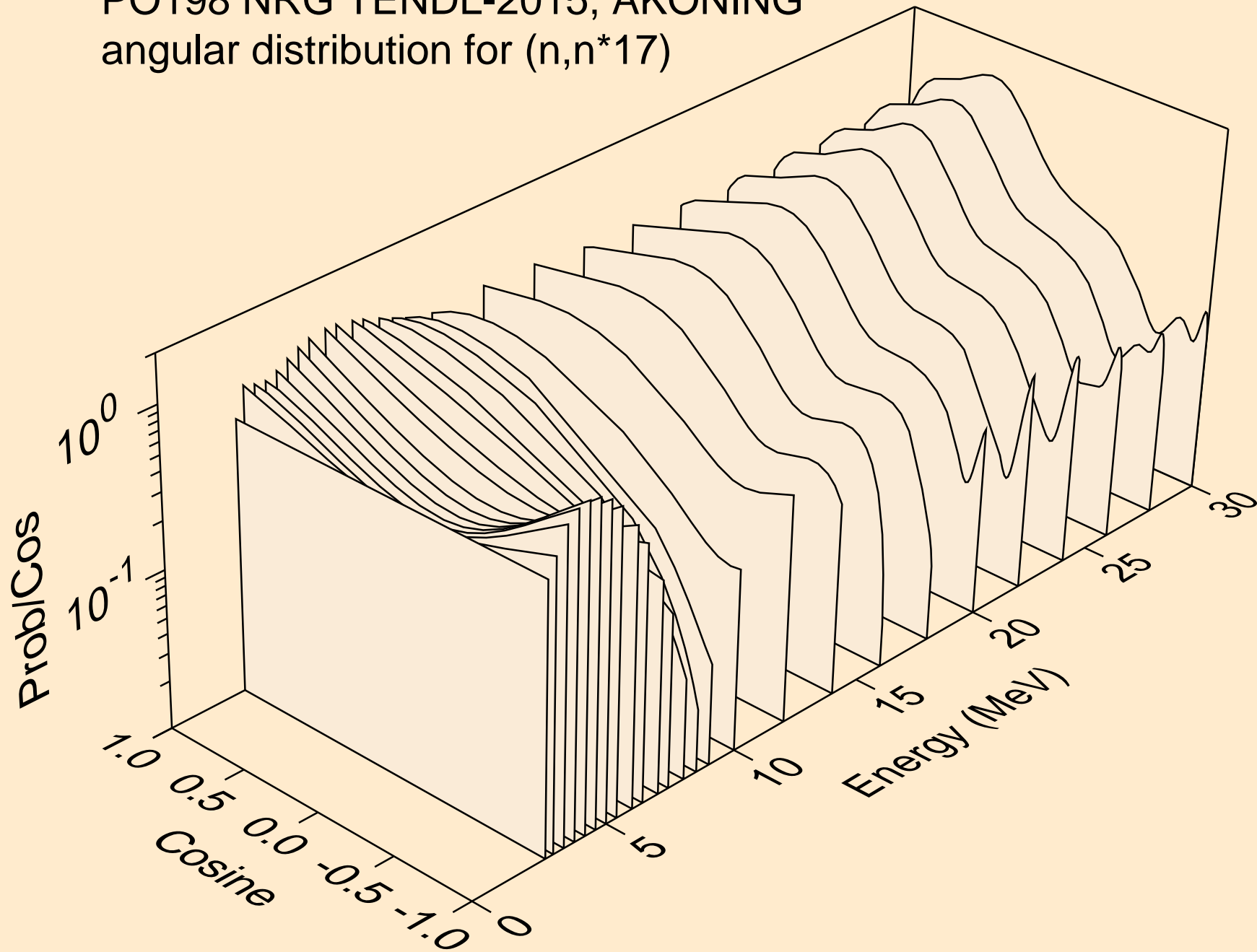


PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

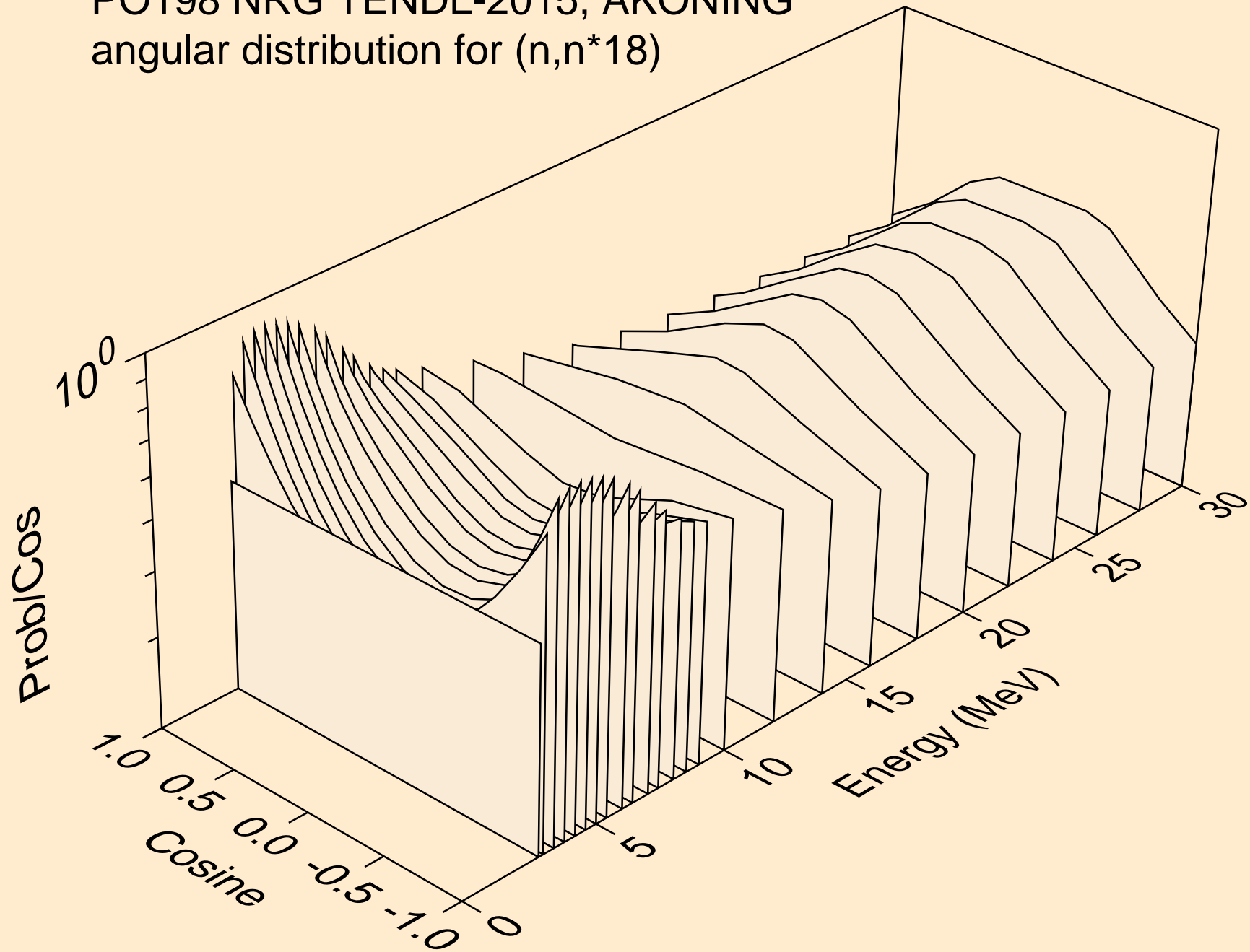




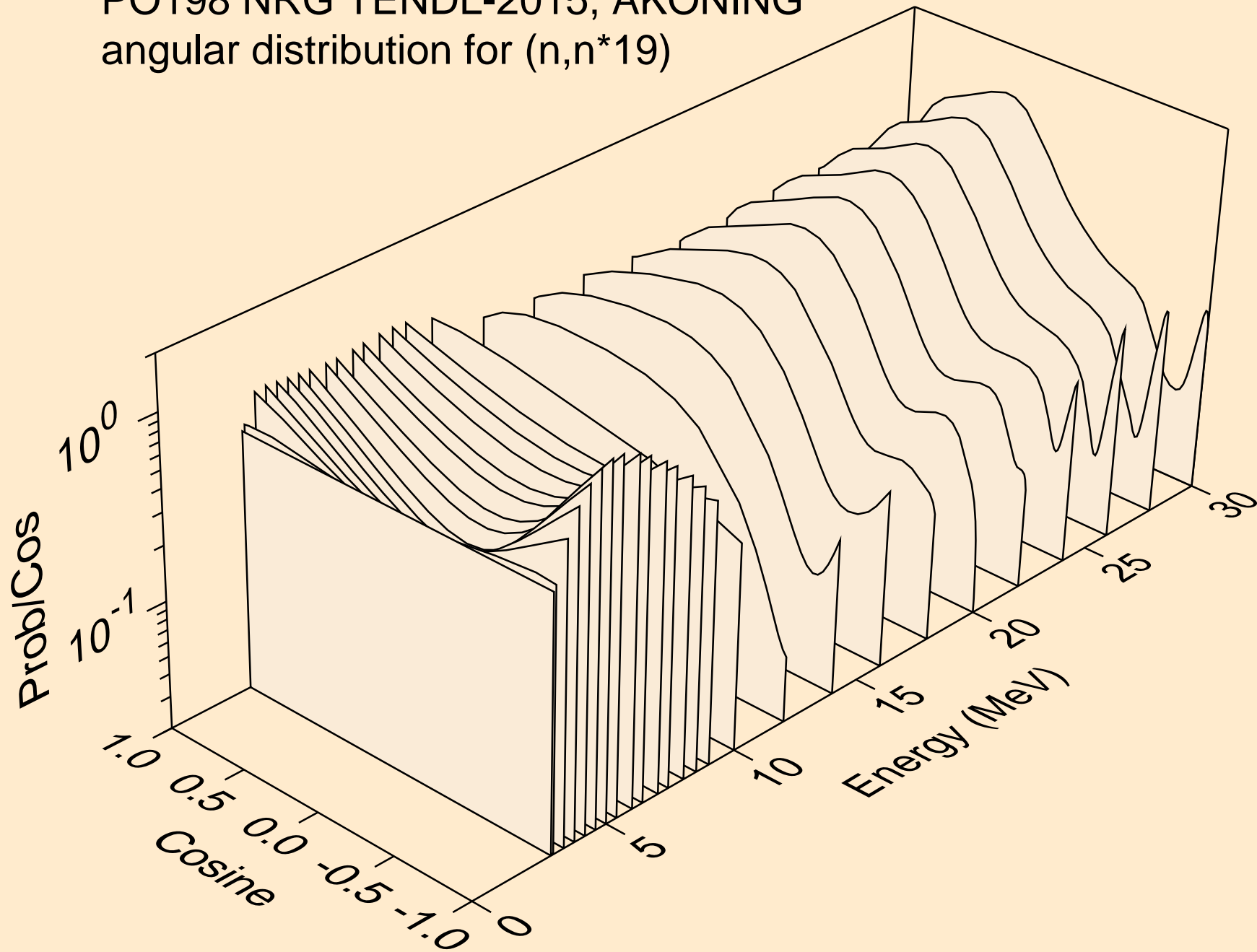
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



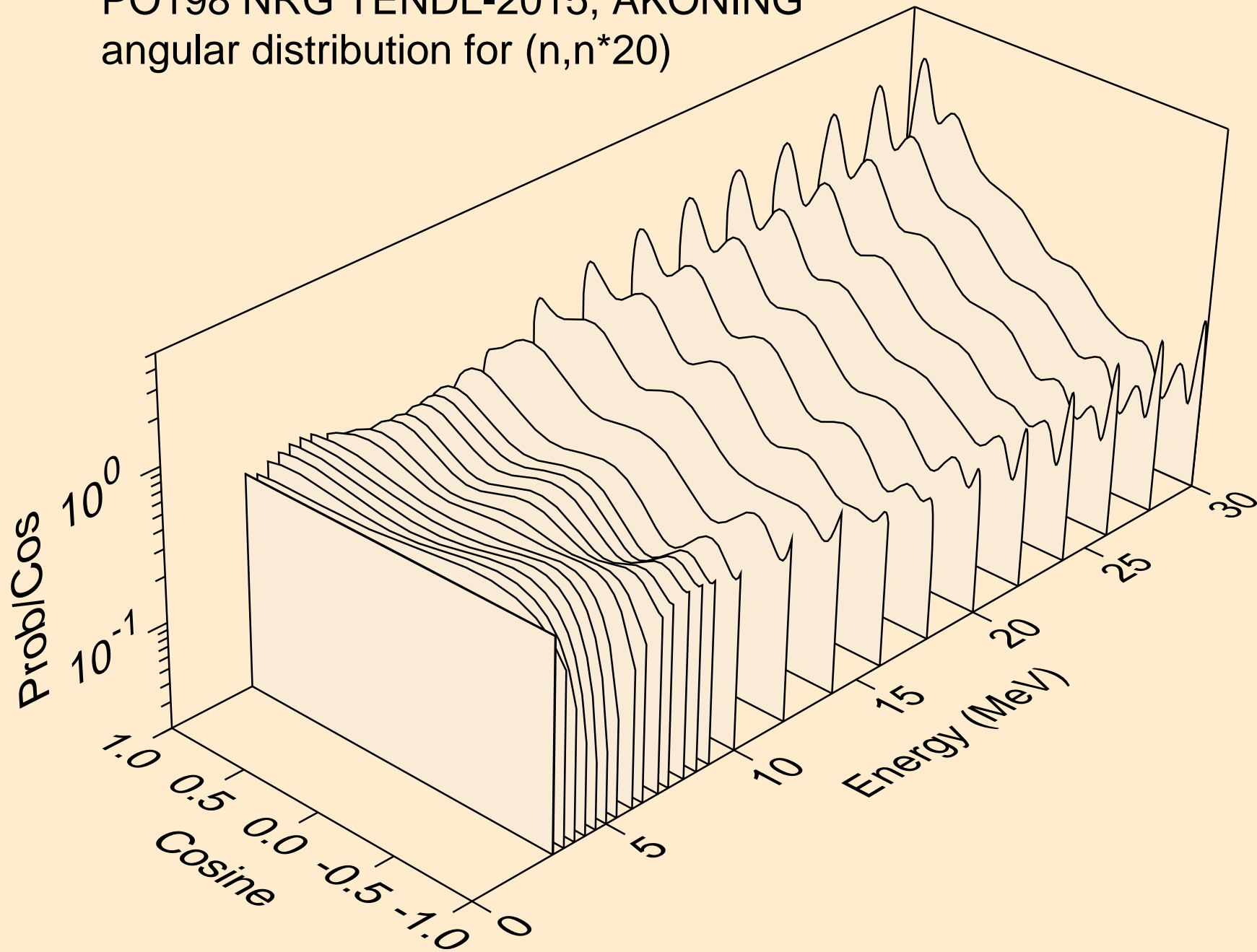
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



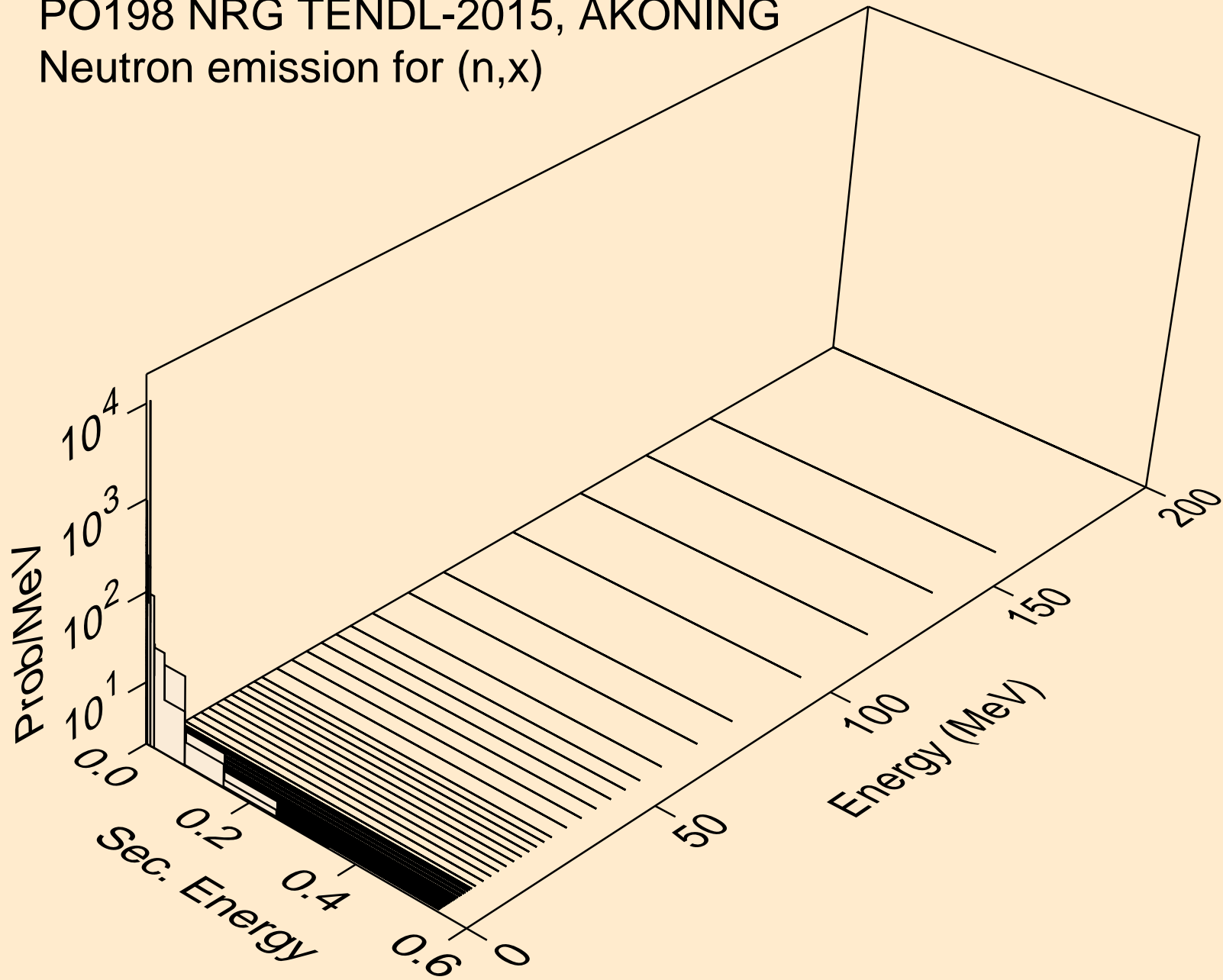
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



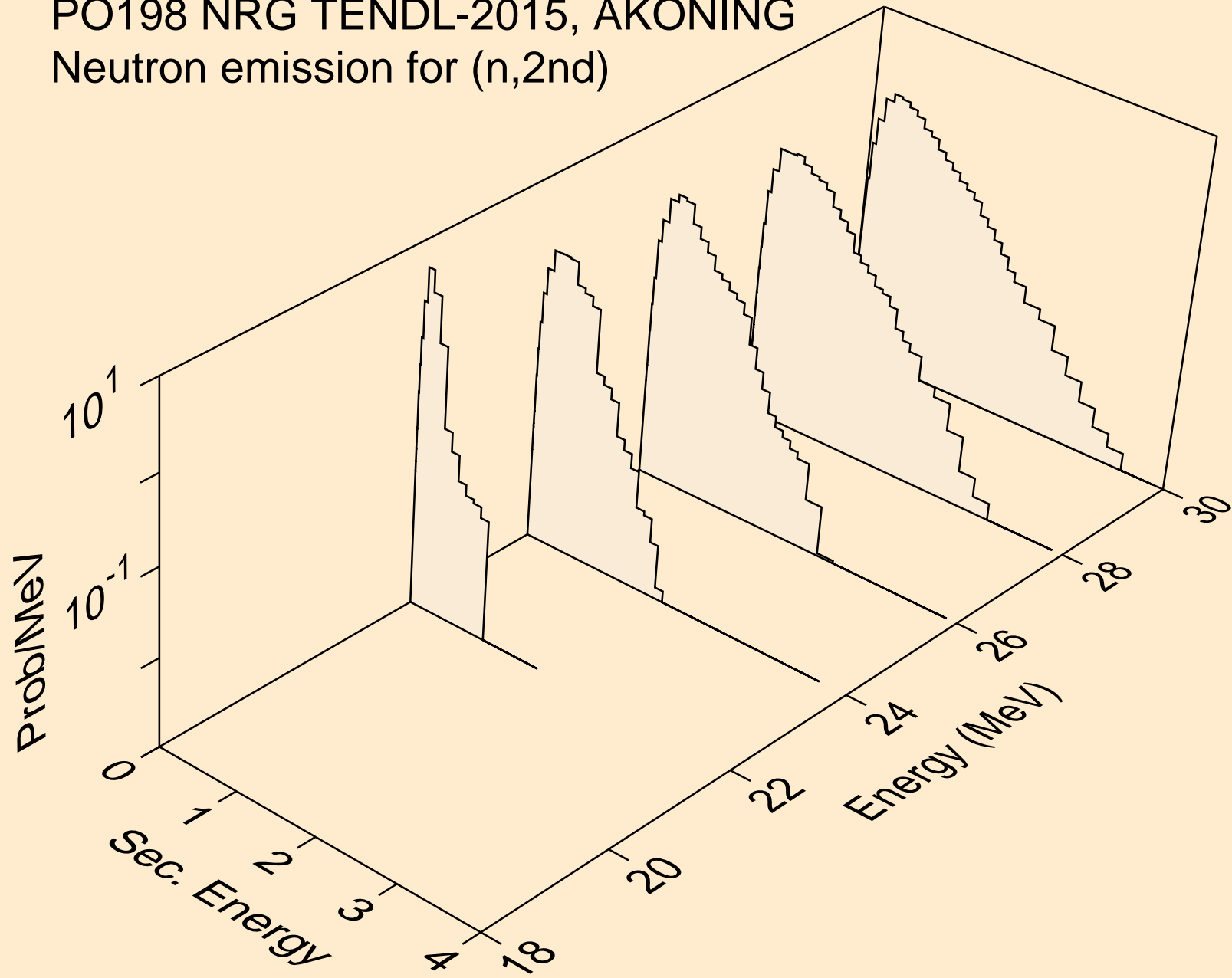
PO198 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



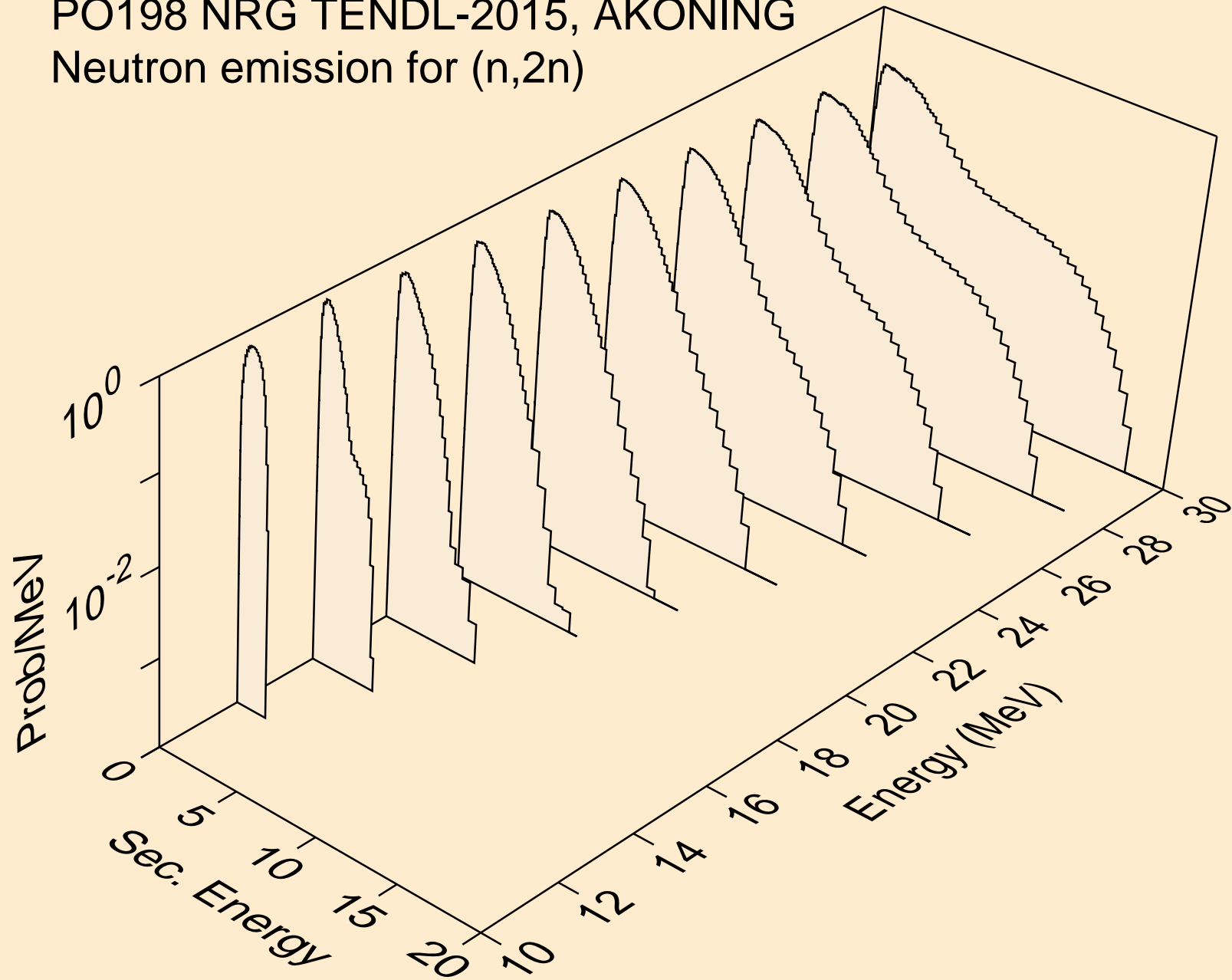
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



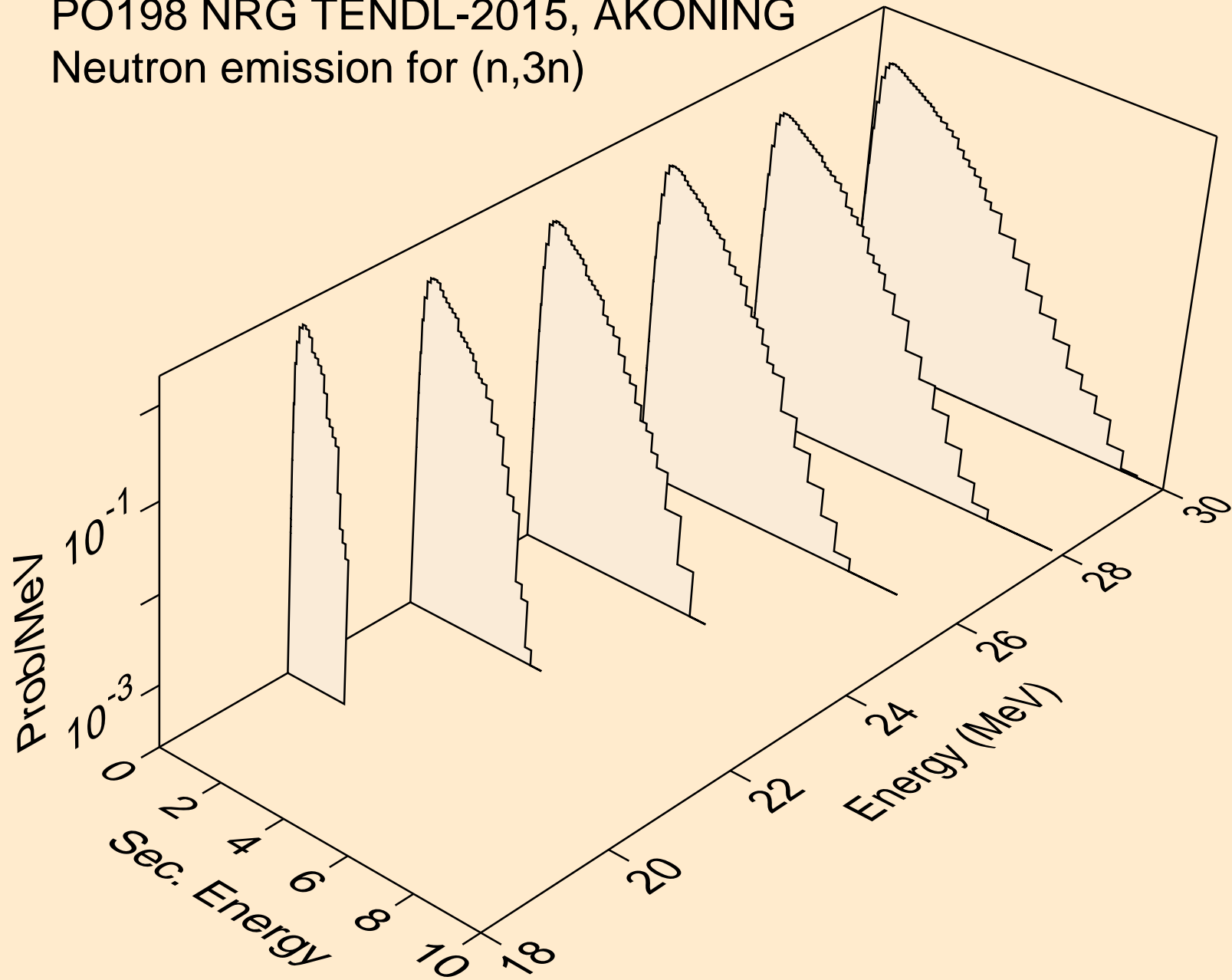
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

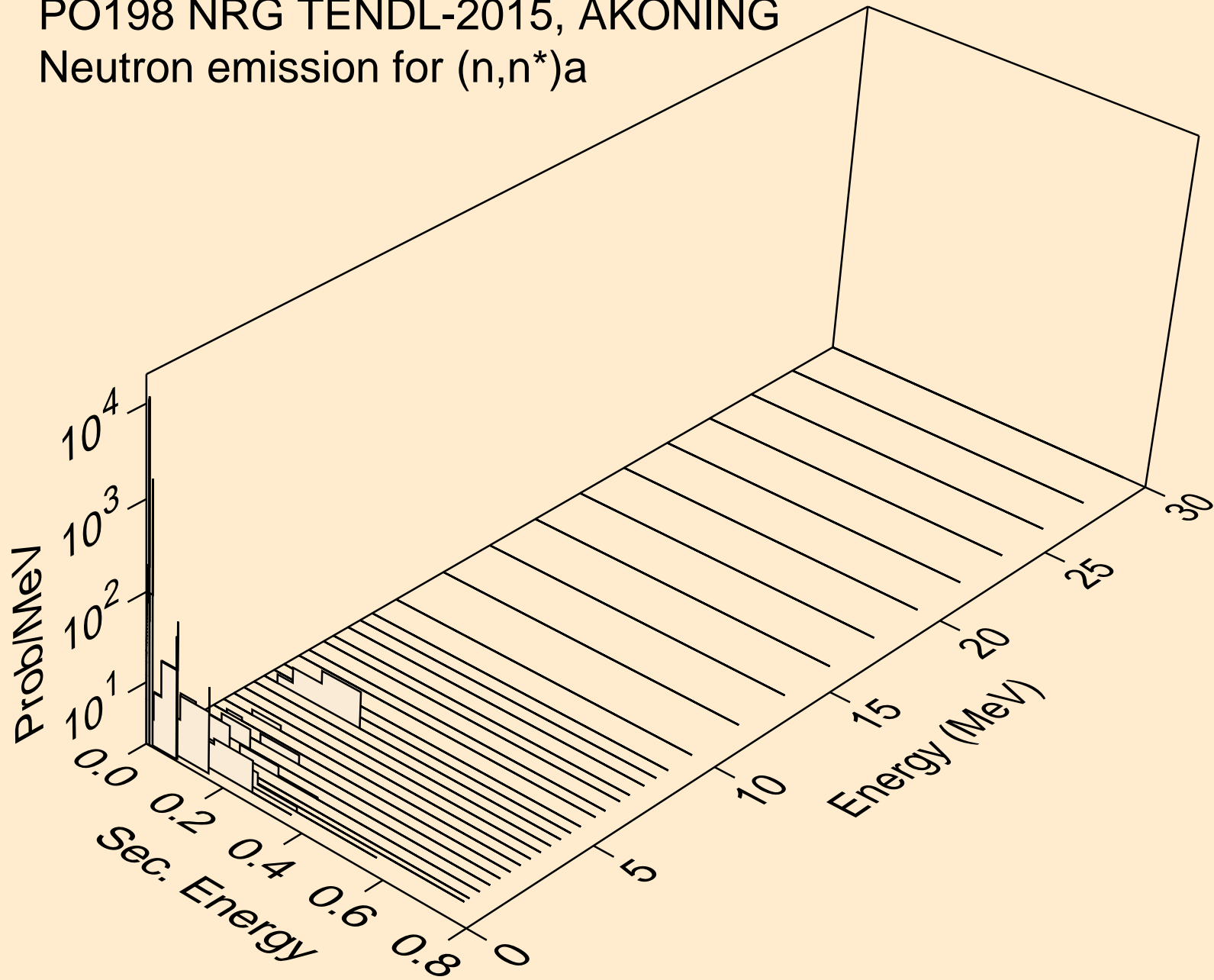


PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

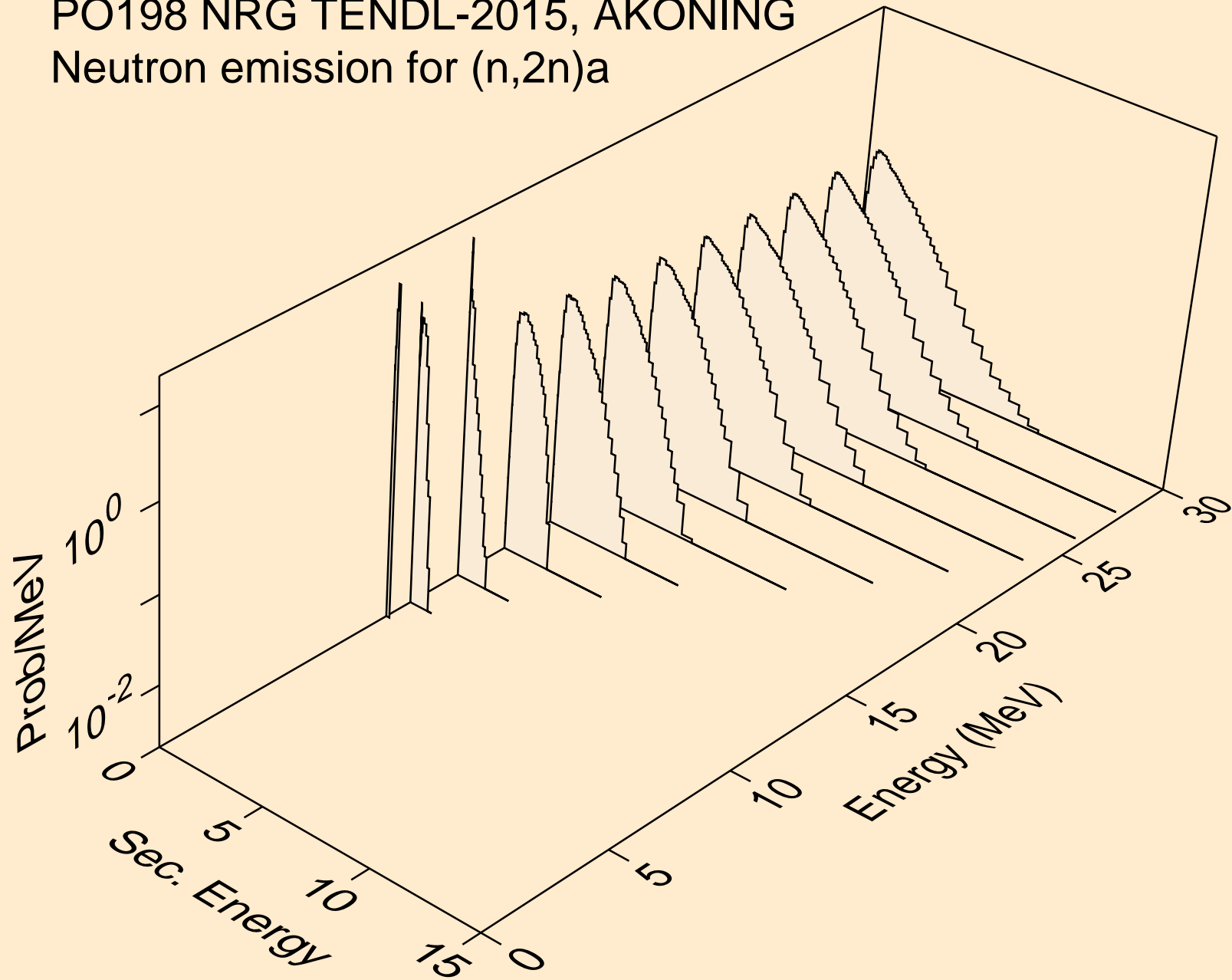




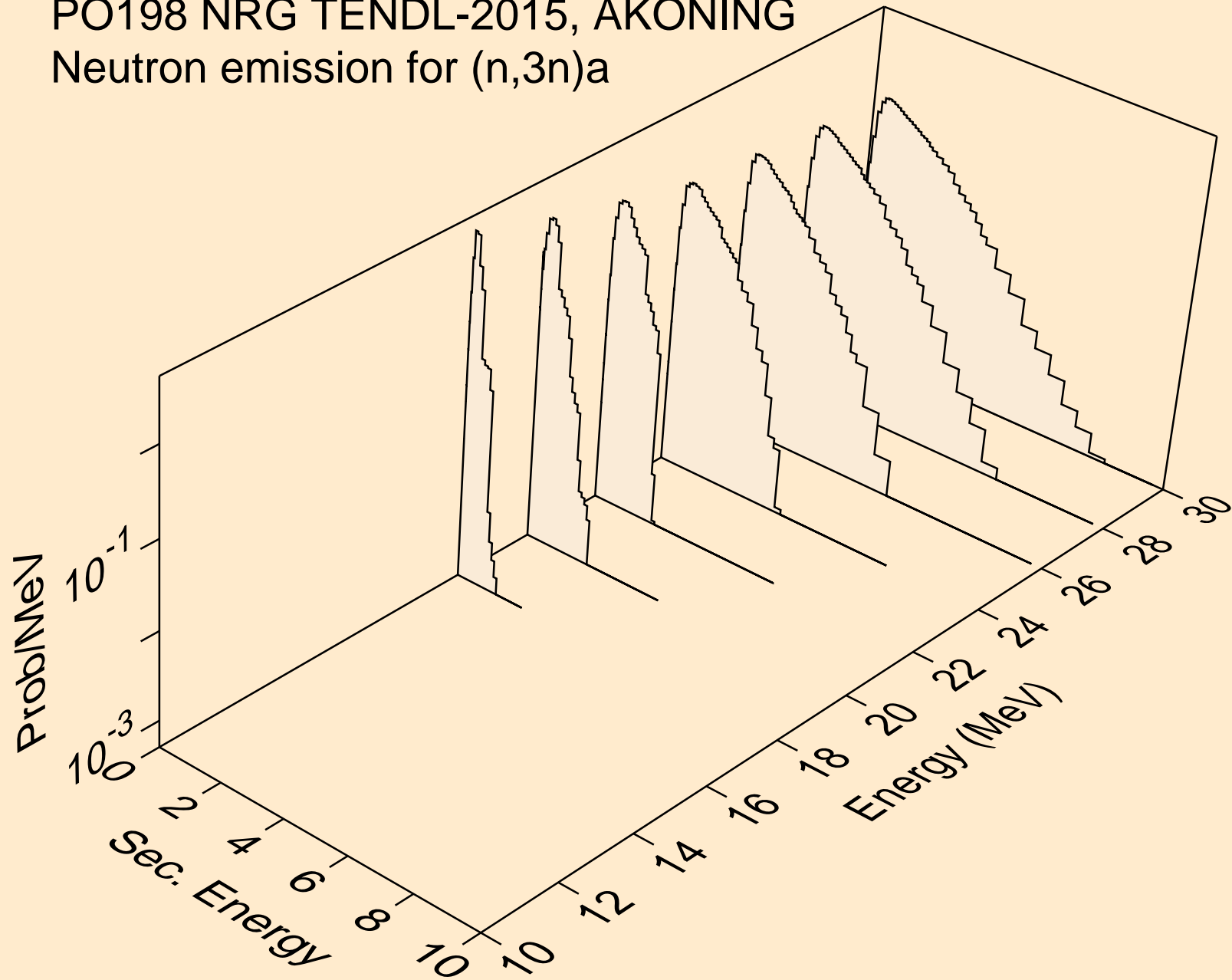
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



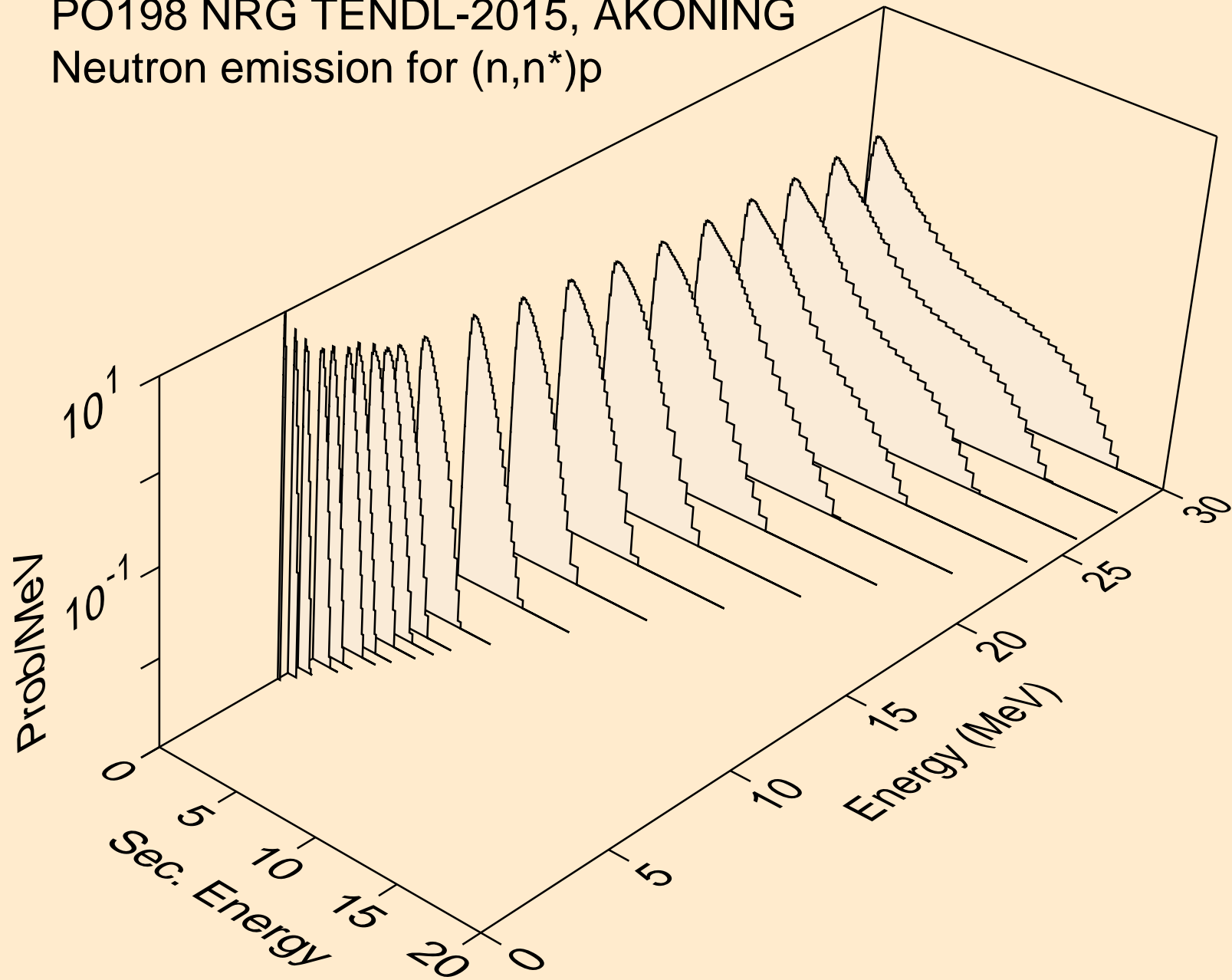
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



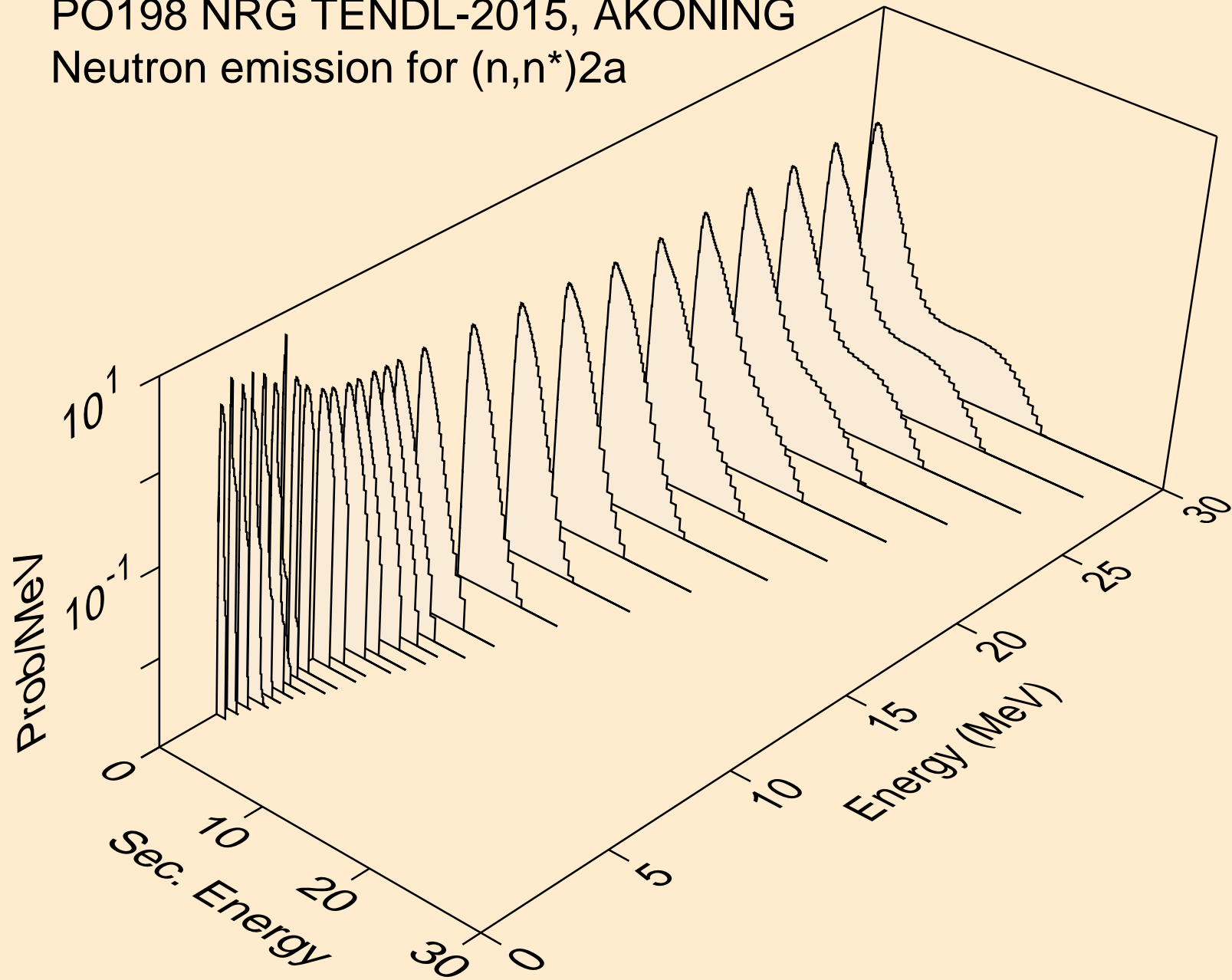
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



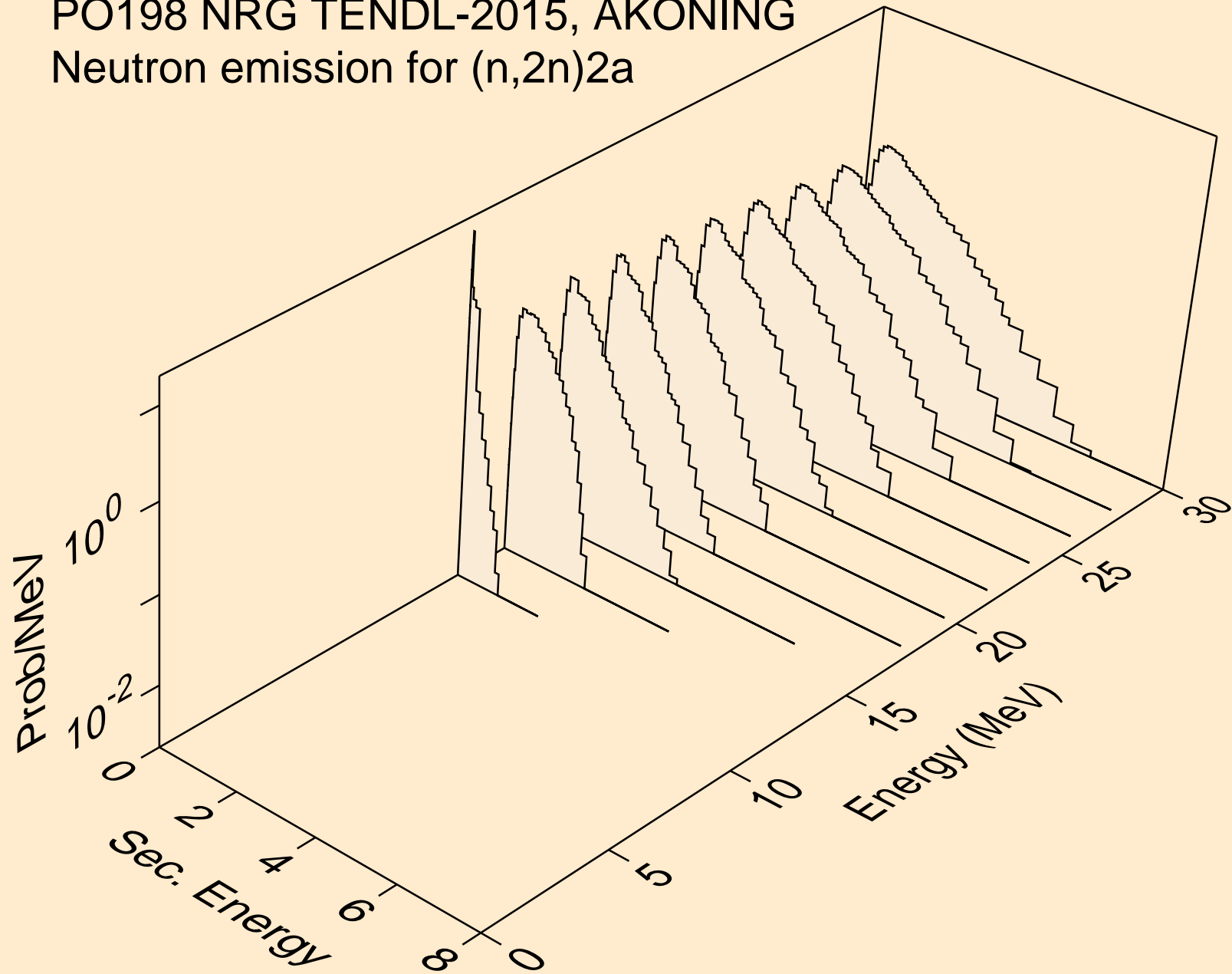
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



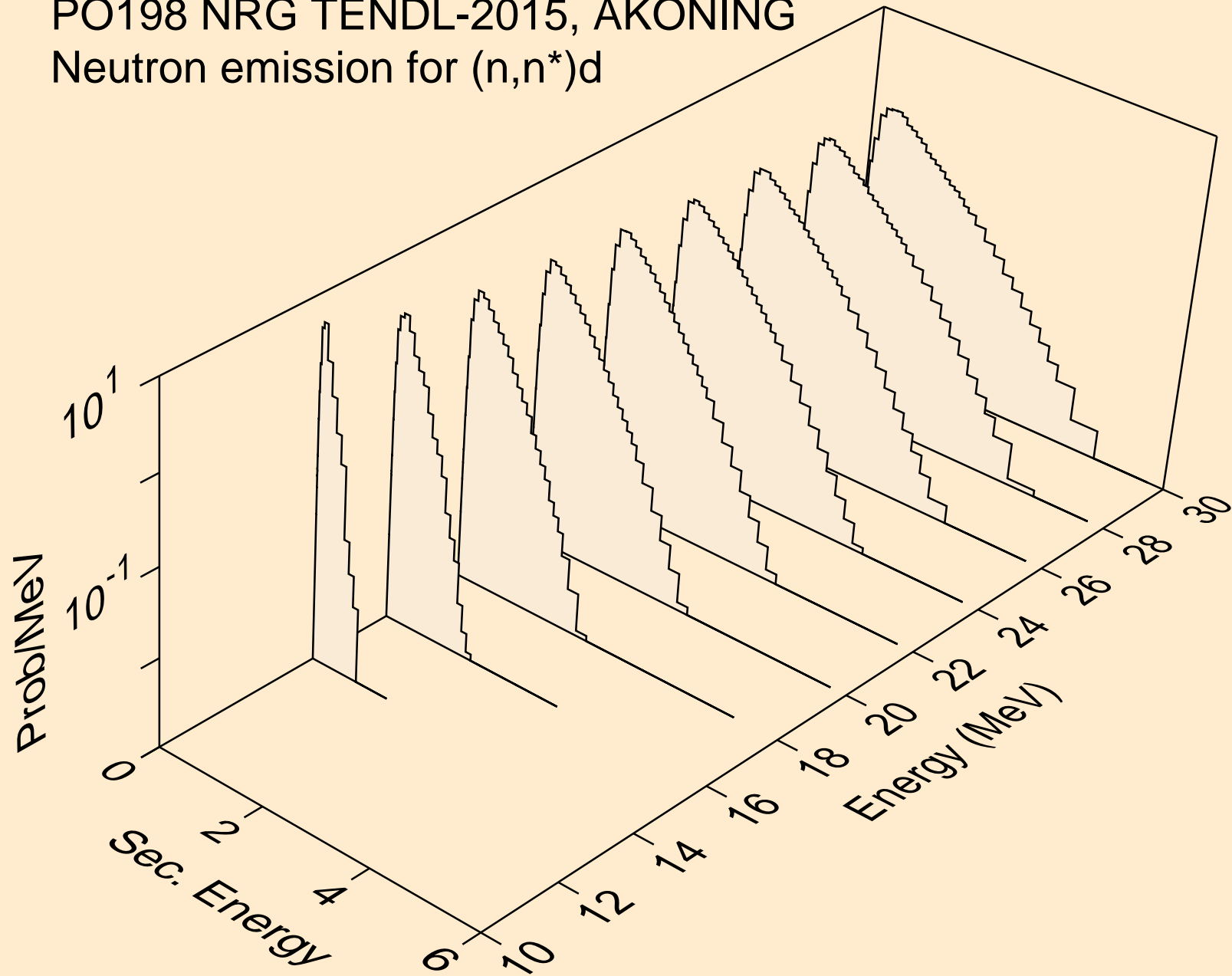
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



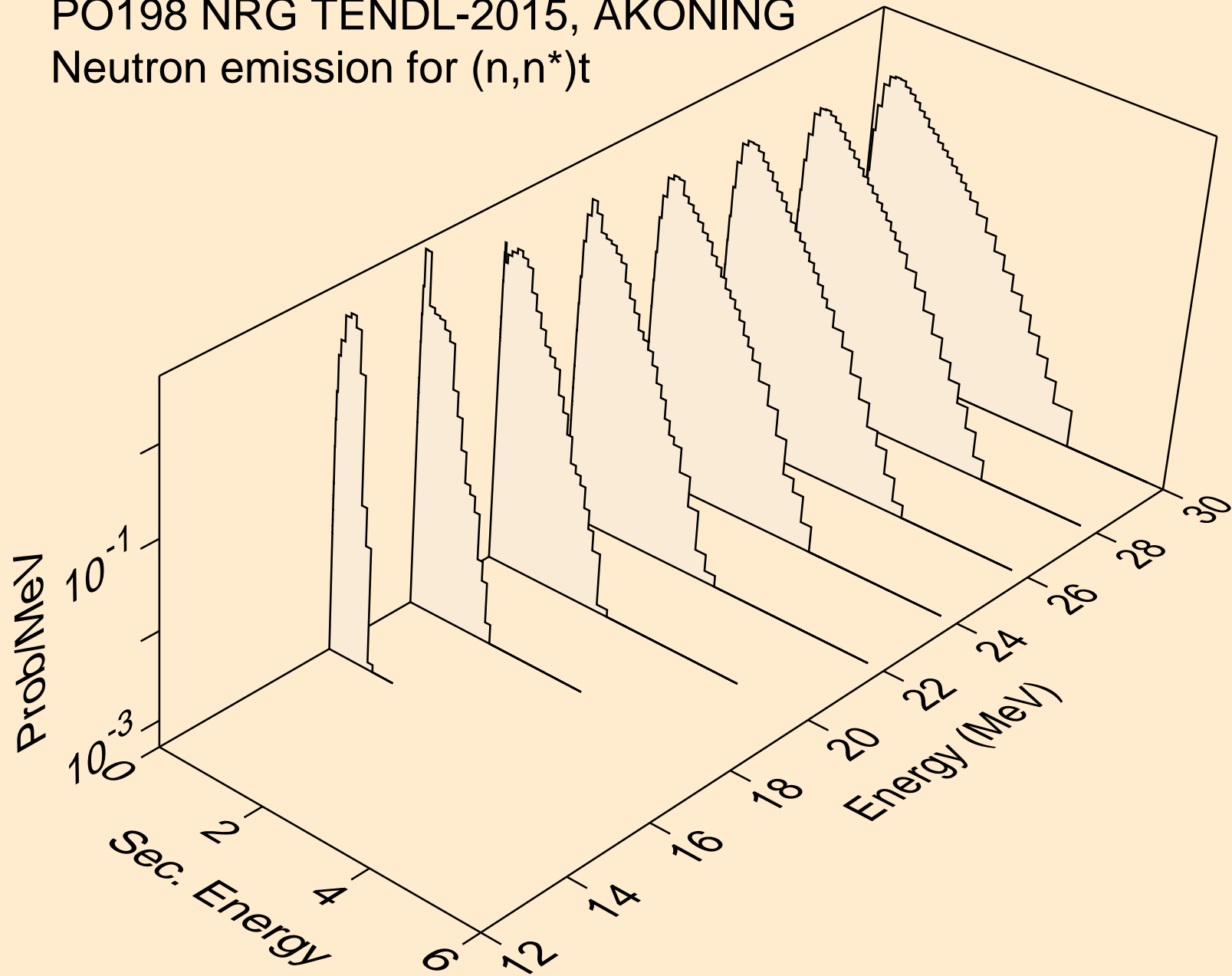
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

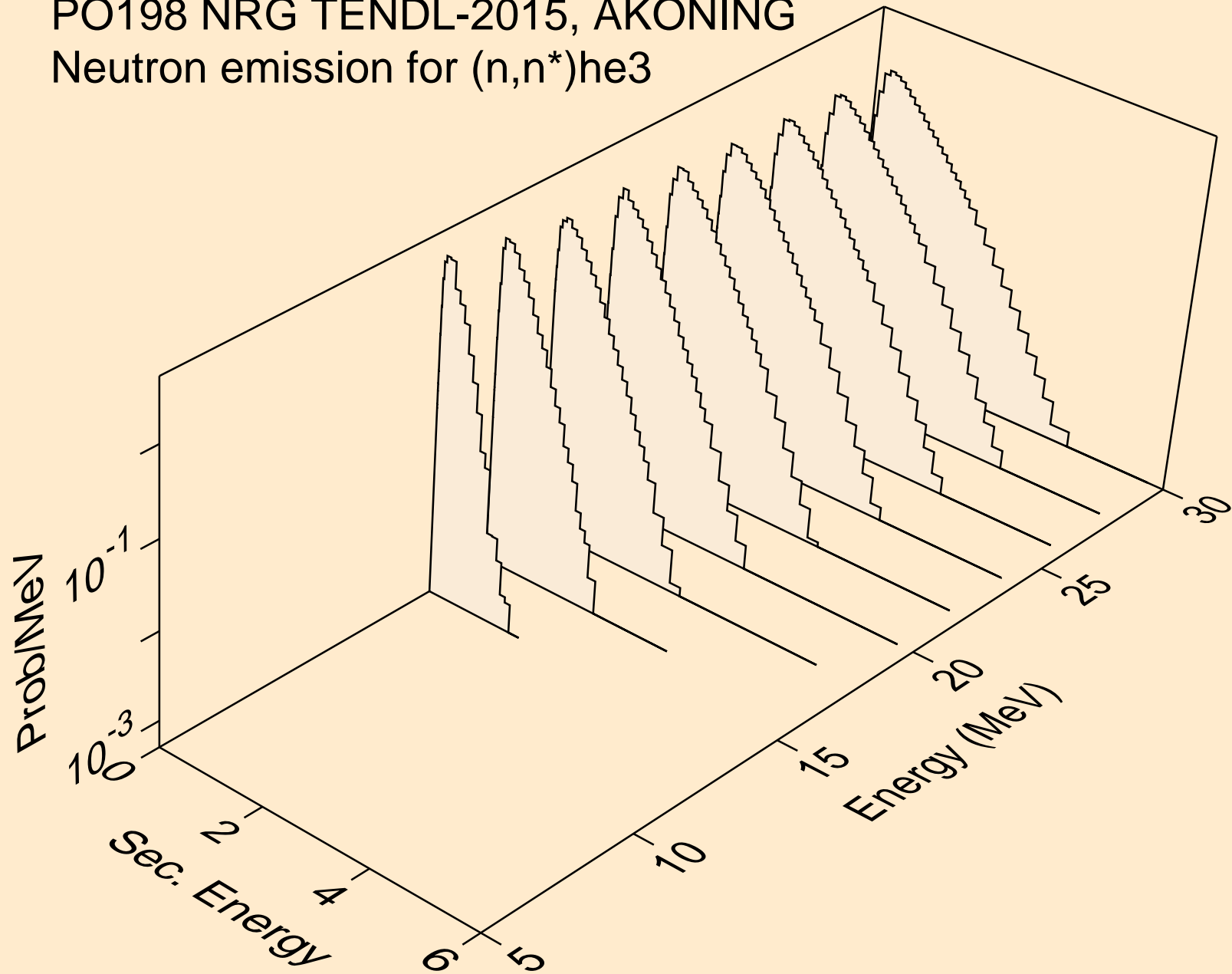


PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

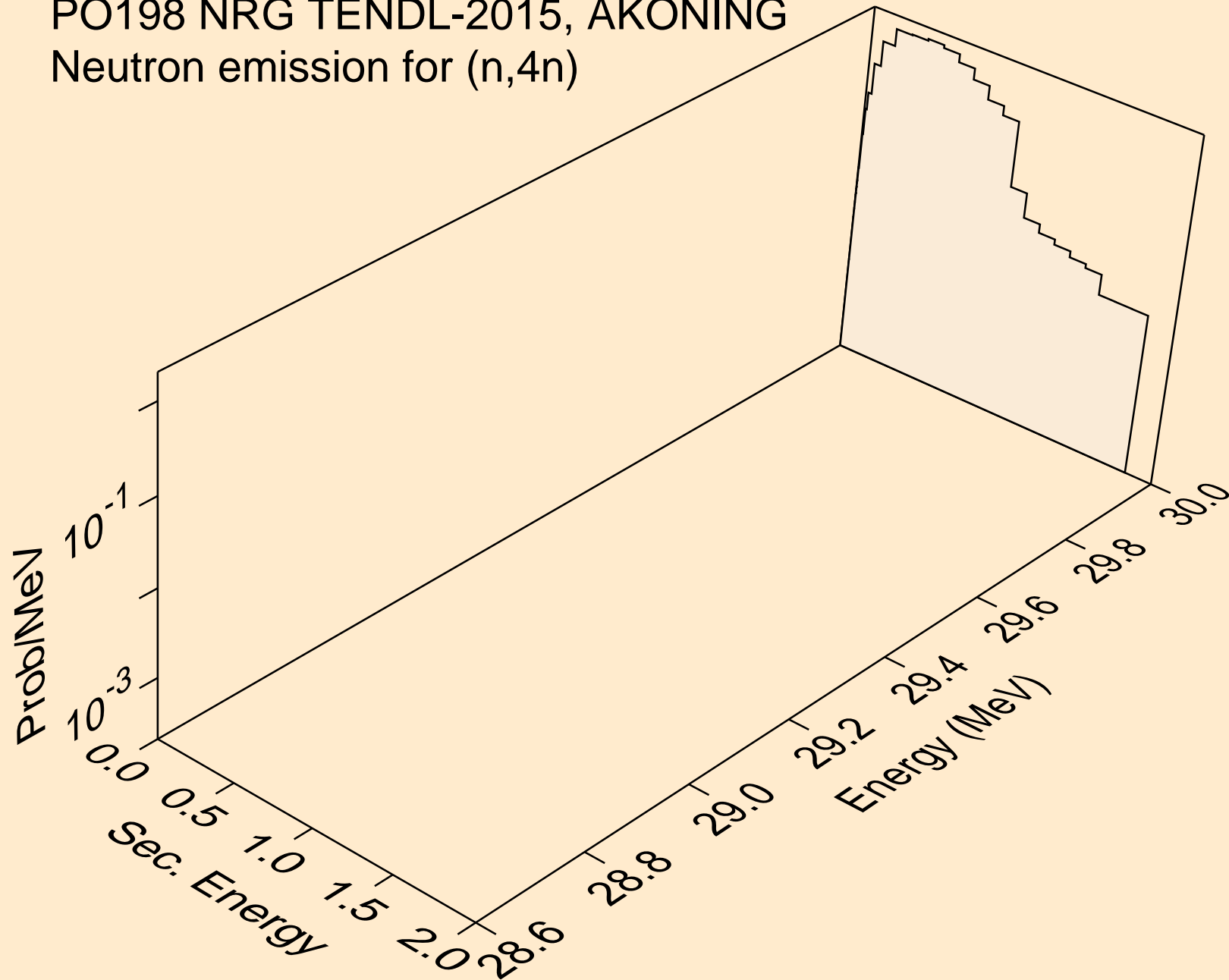




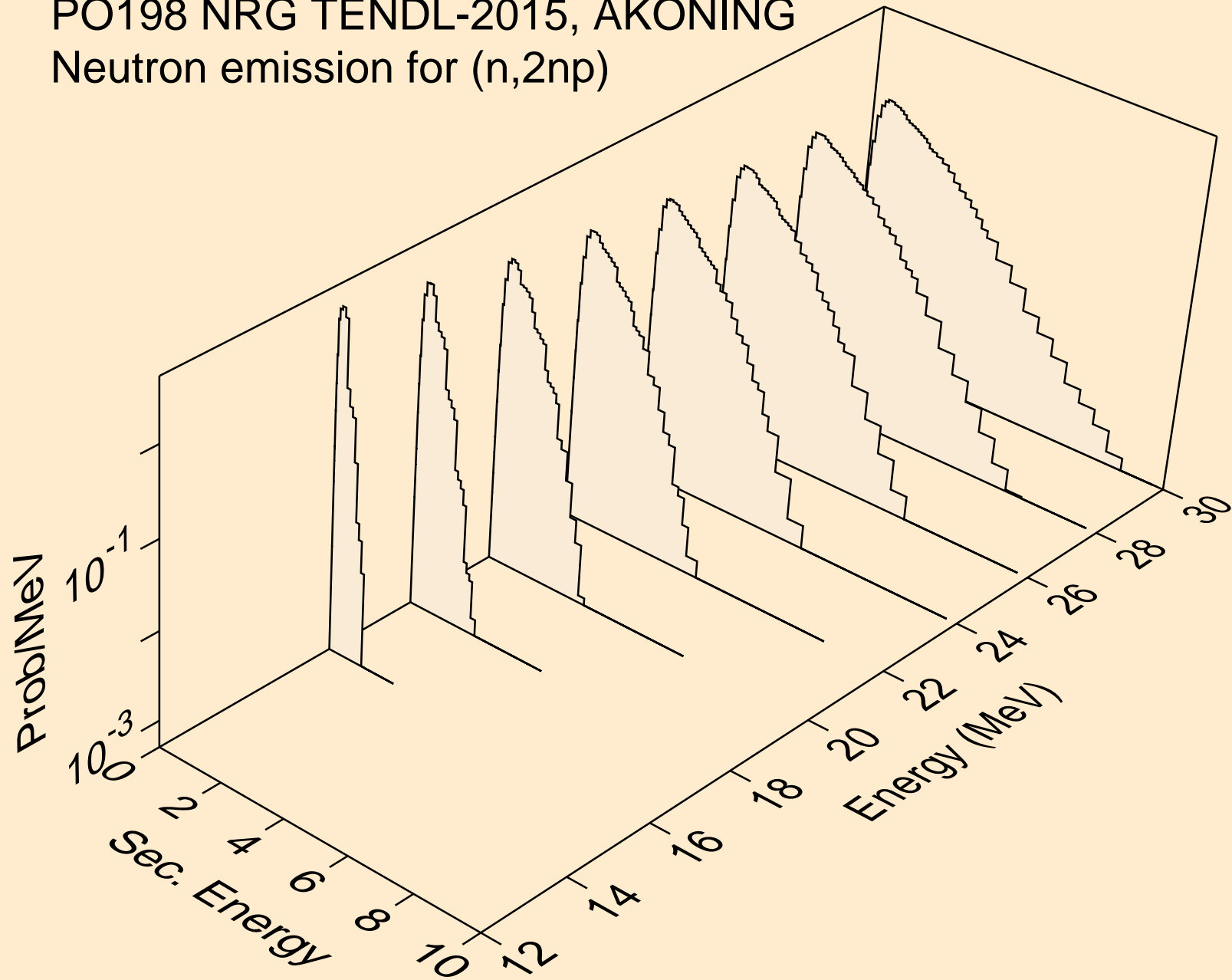
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



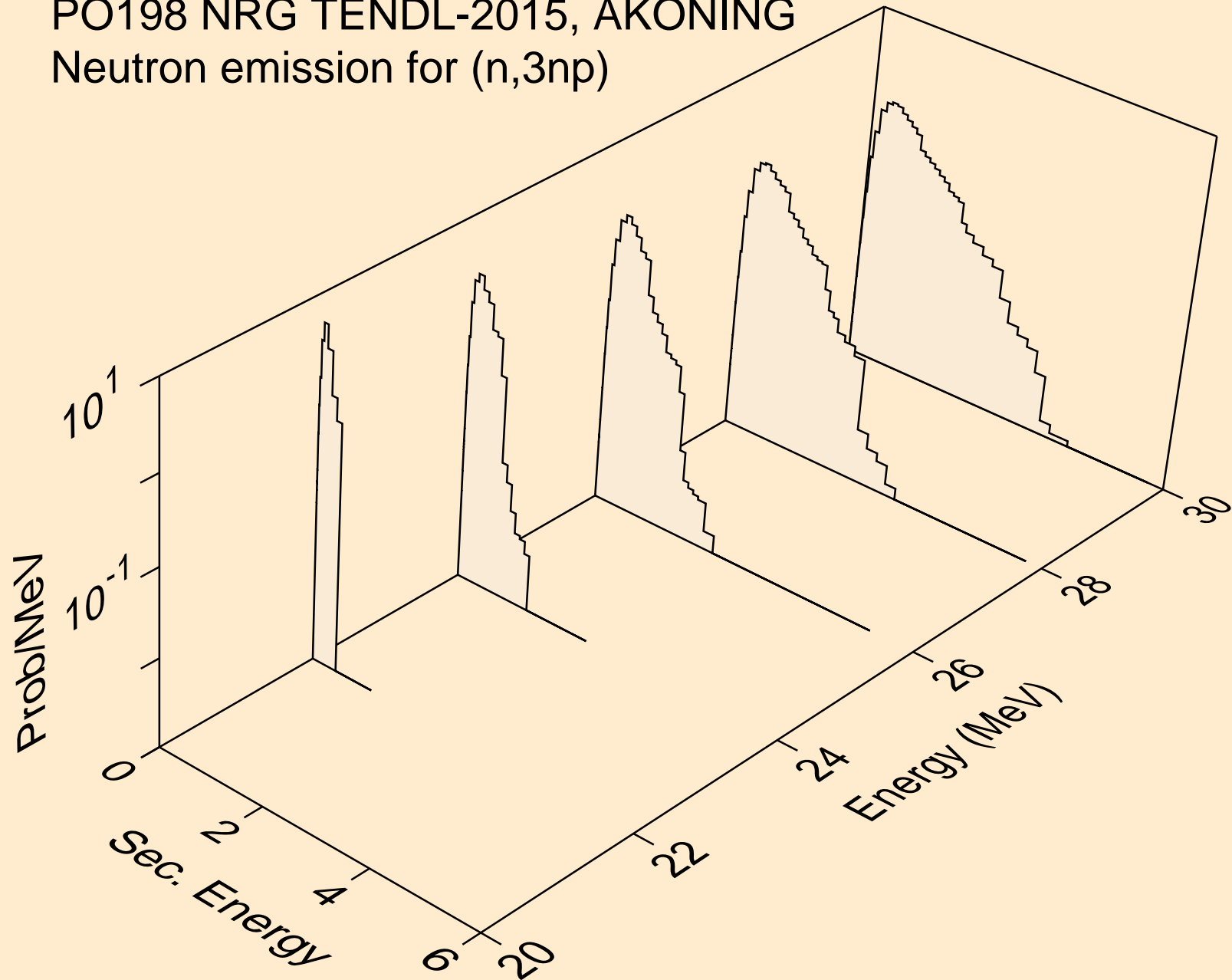
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



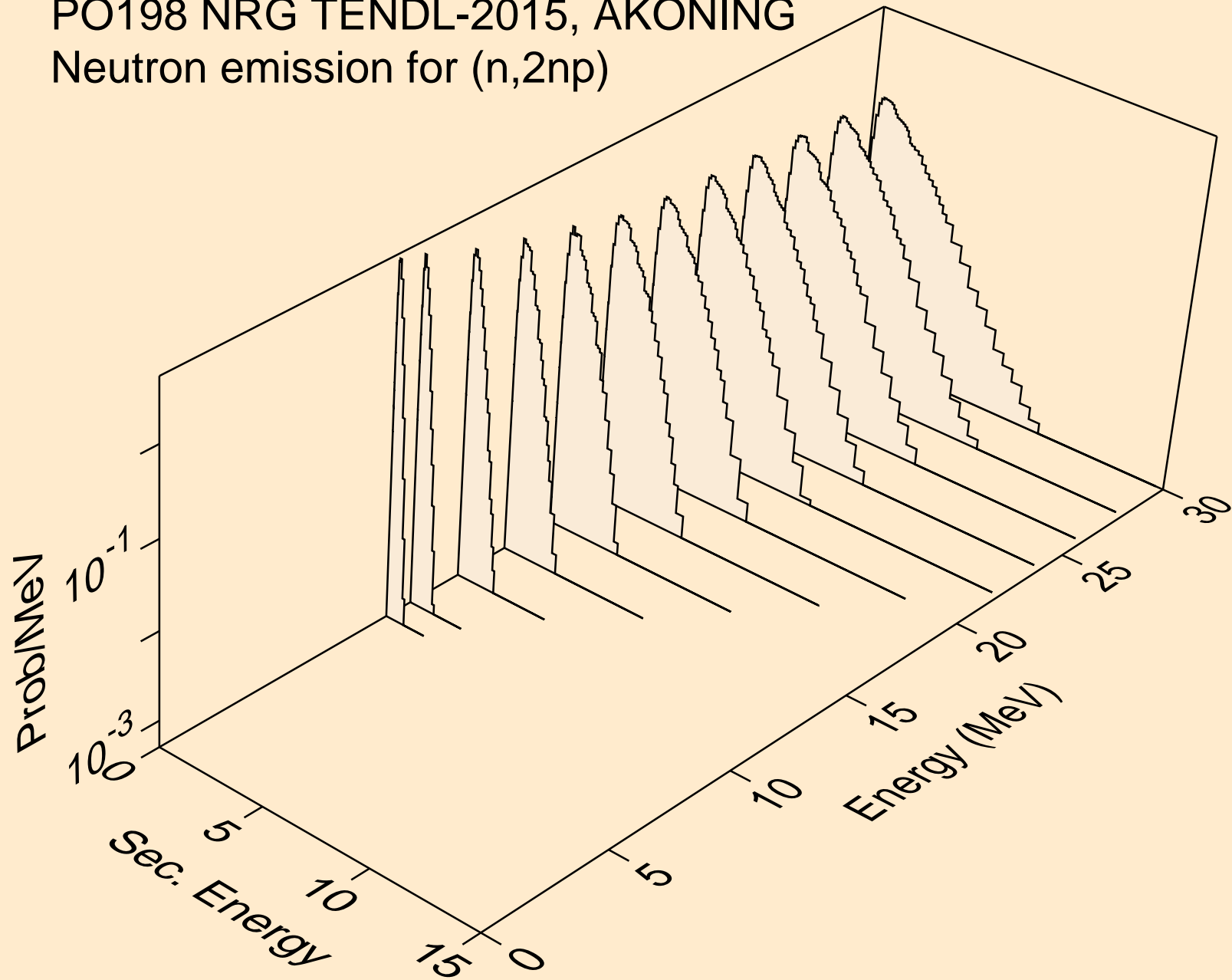
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



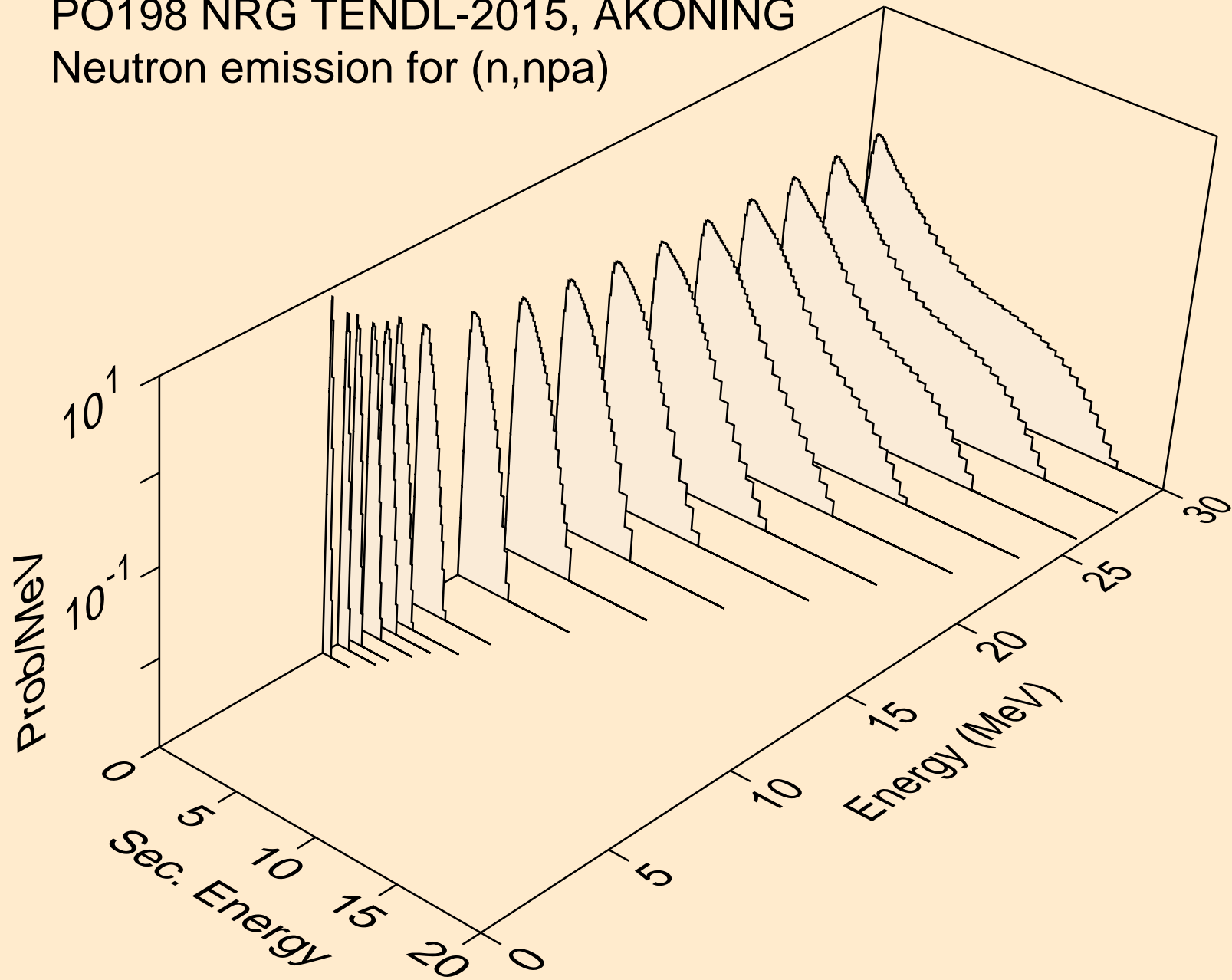
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



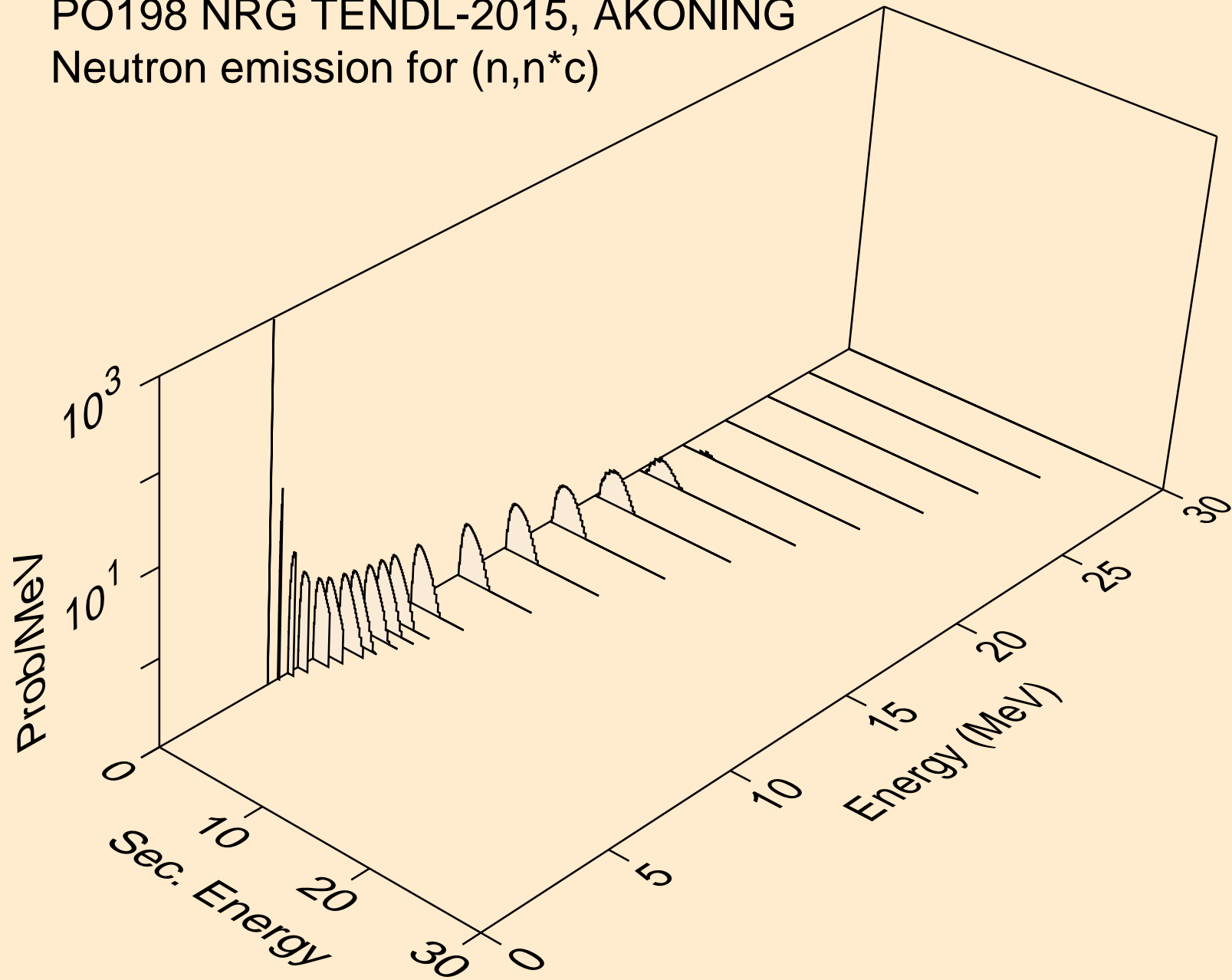
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



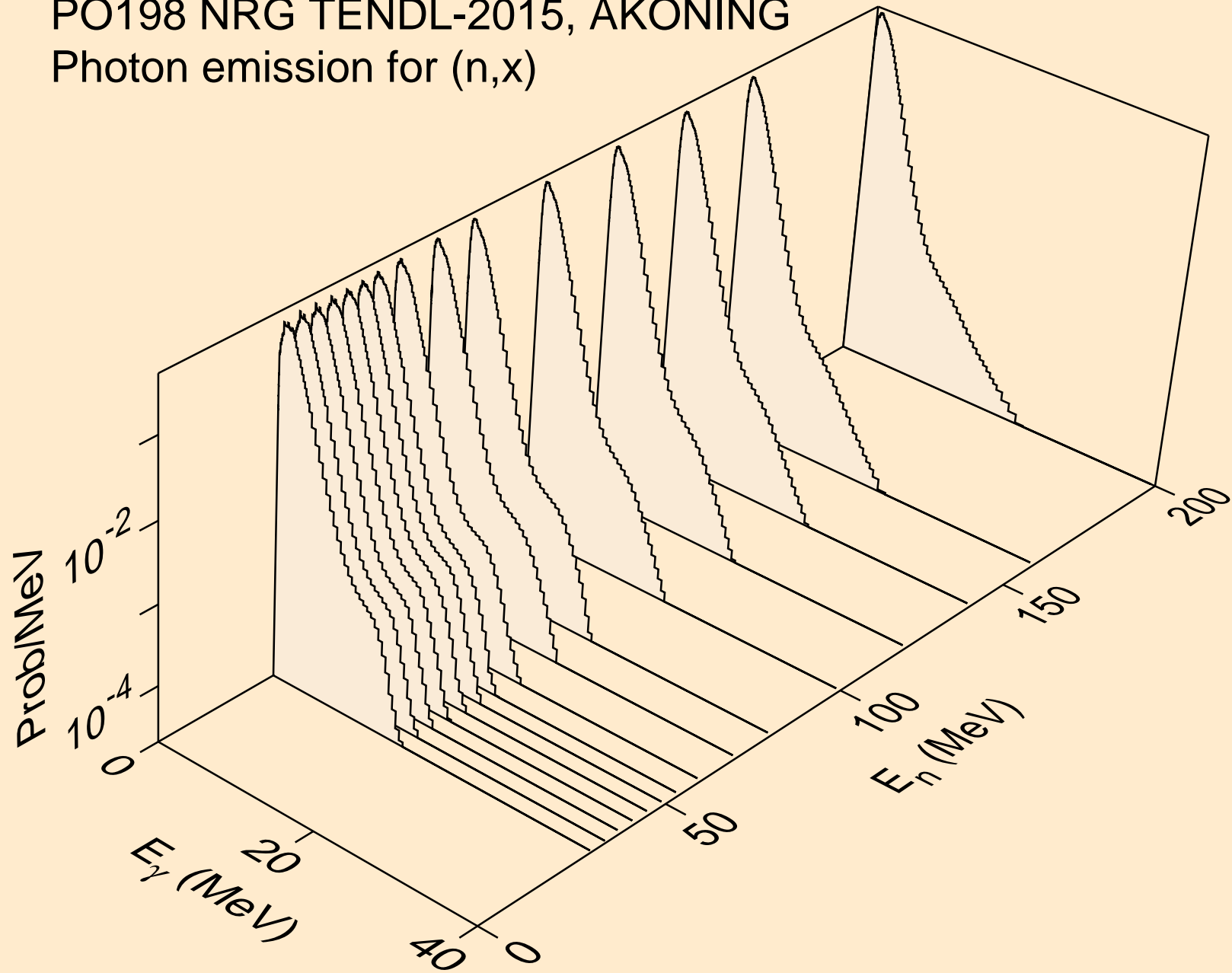
PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



PO198 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

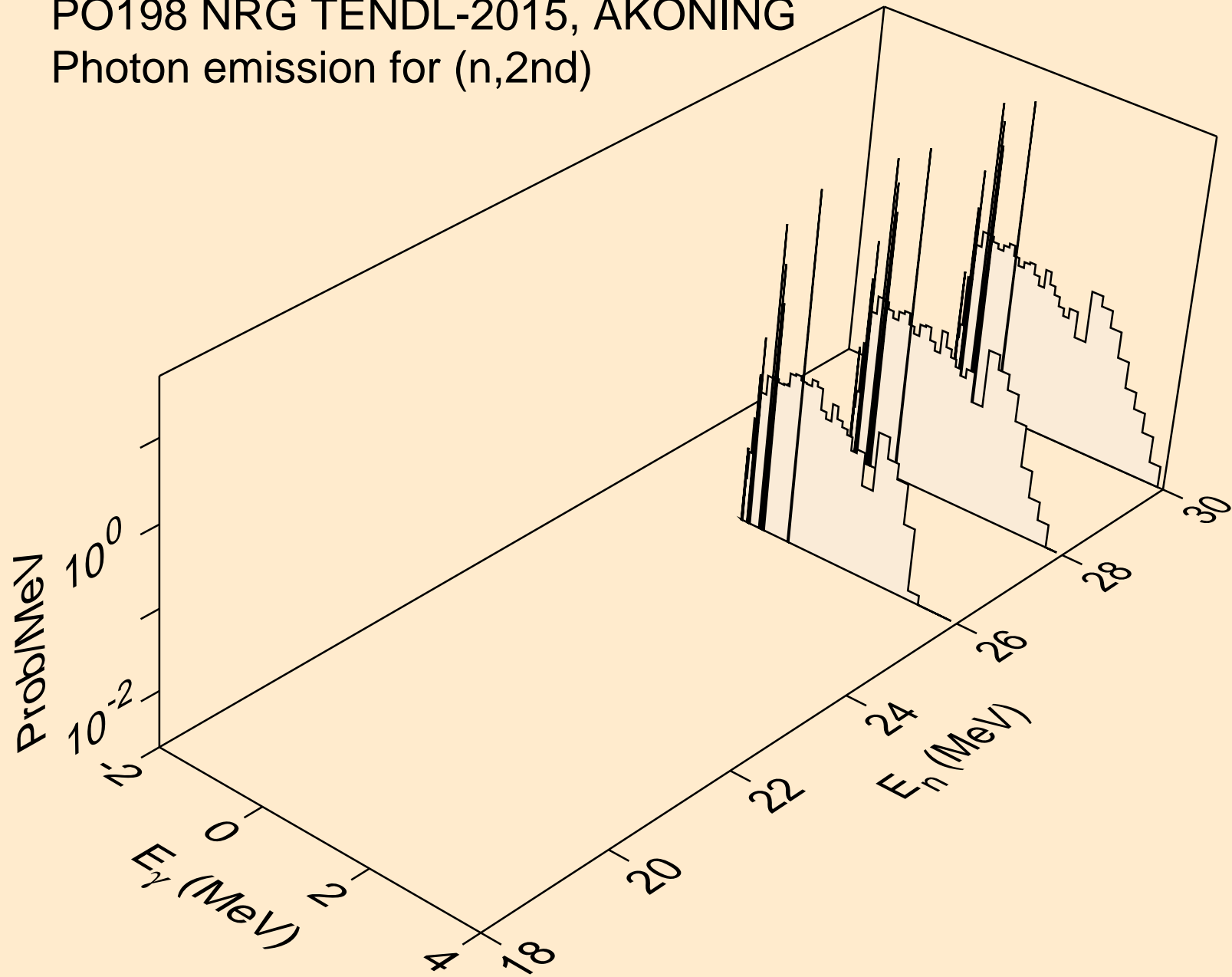


PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

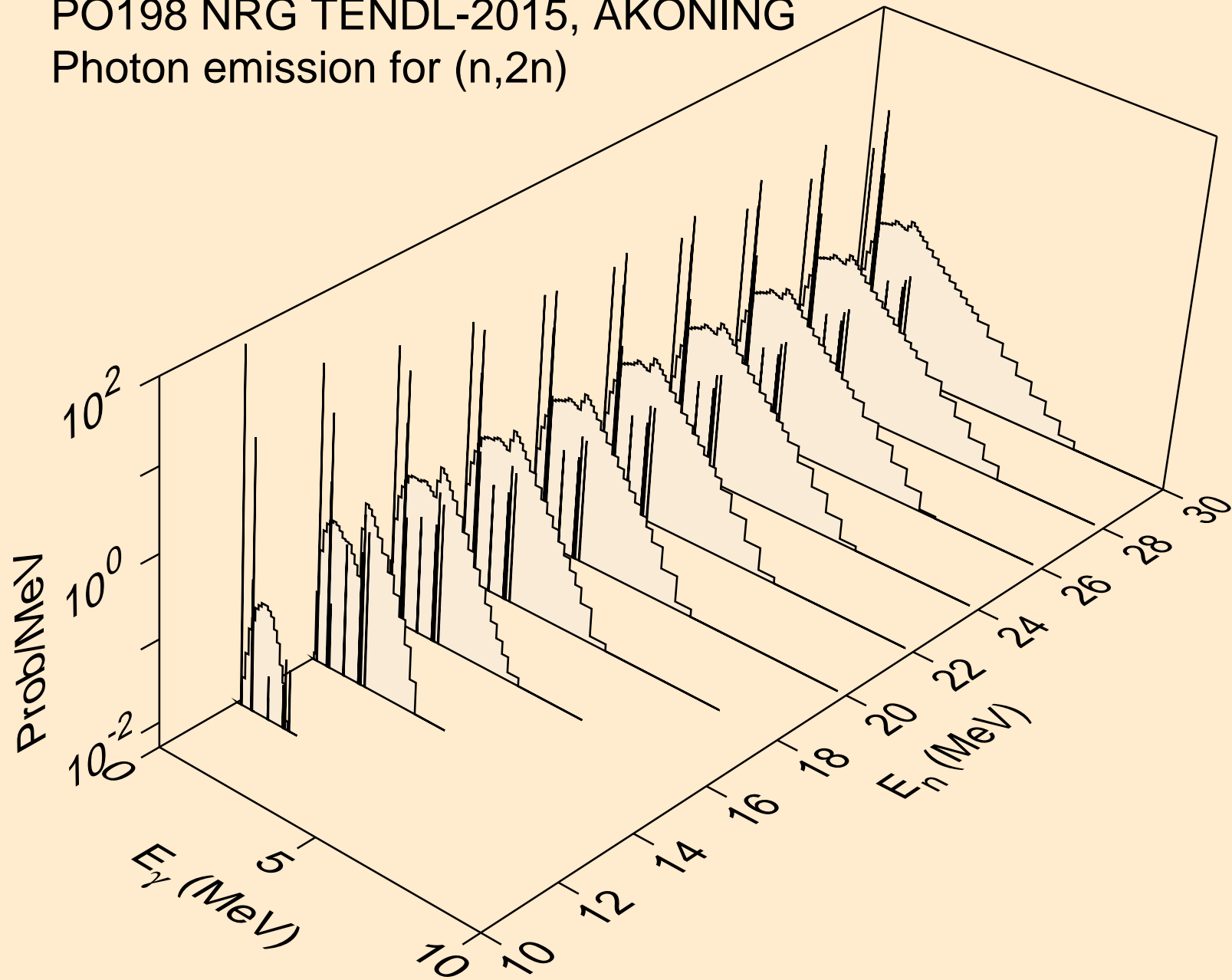




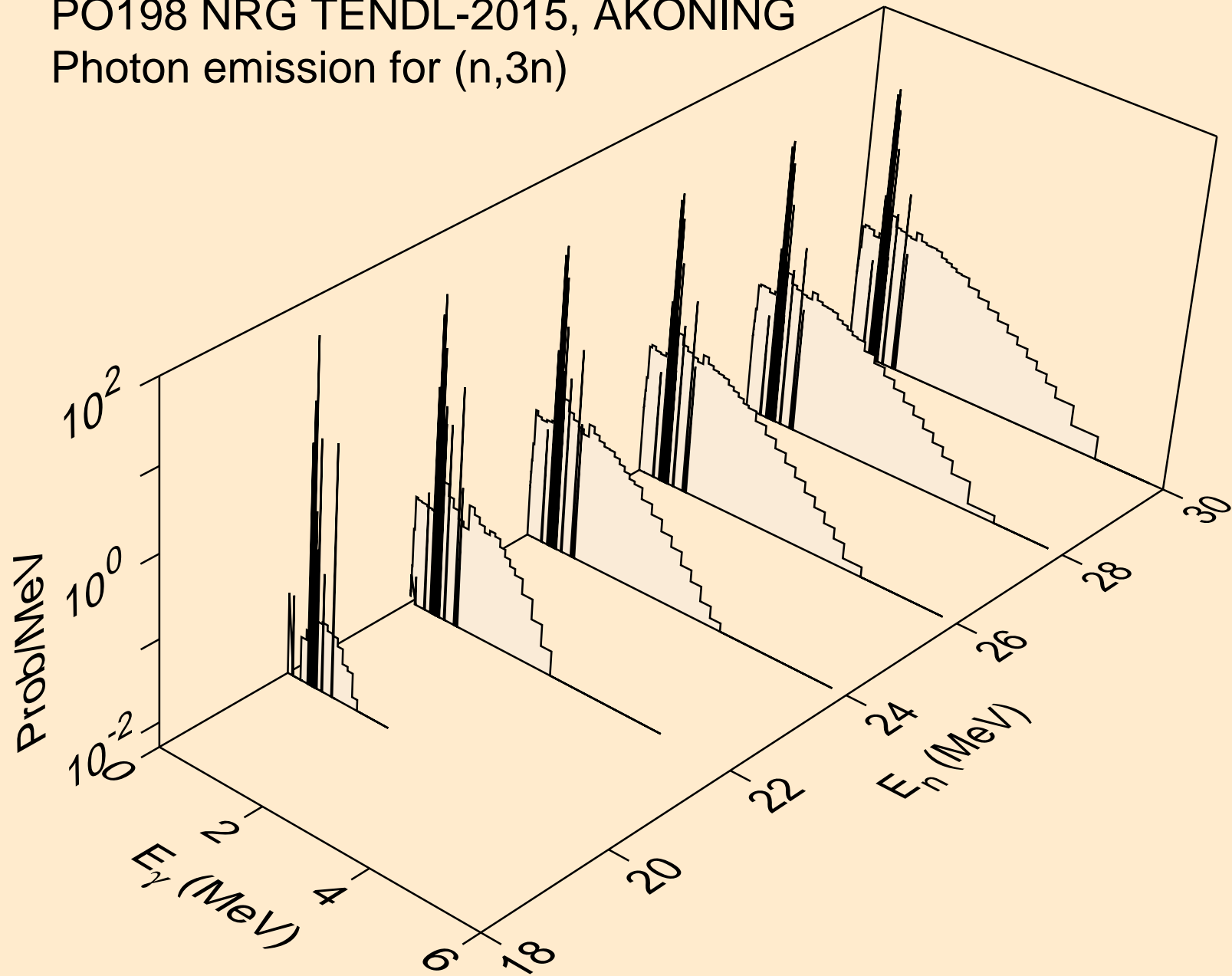
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



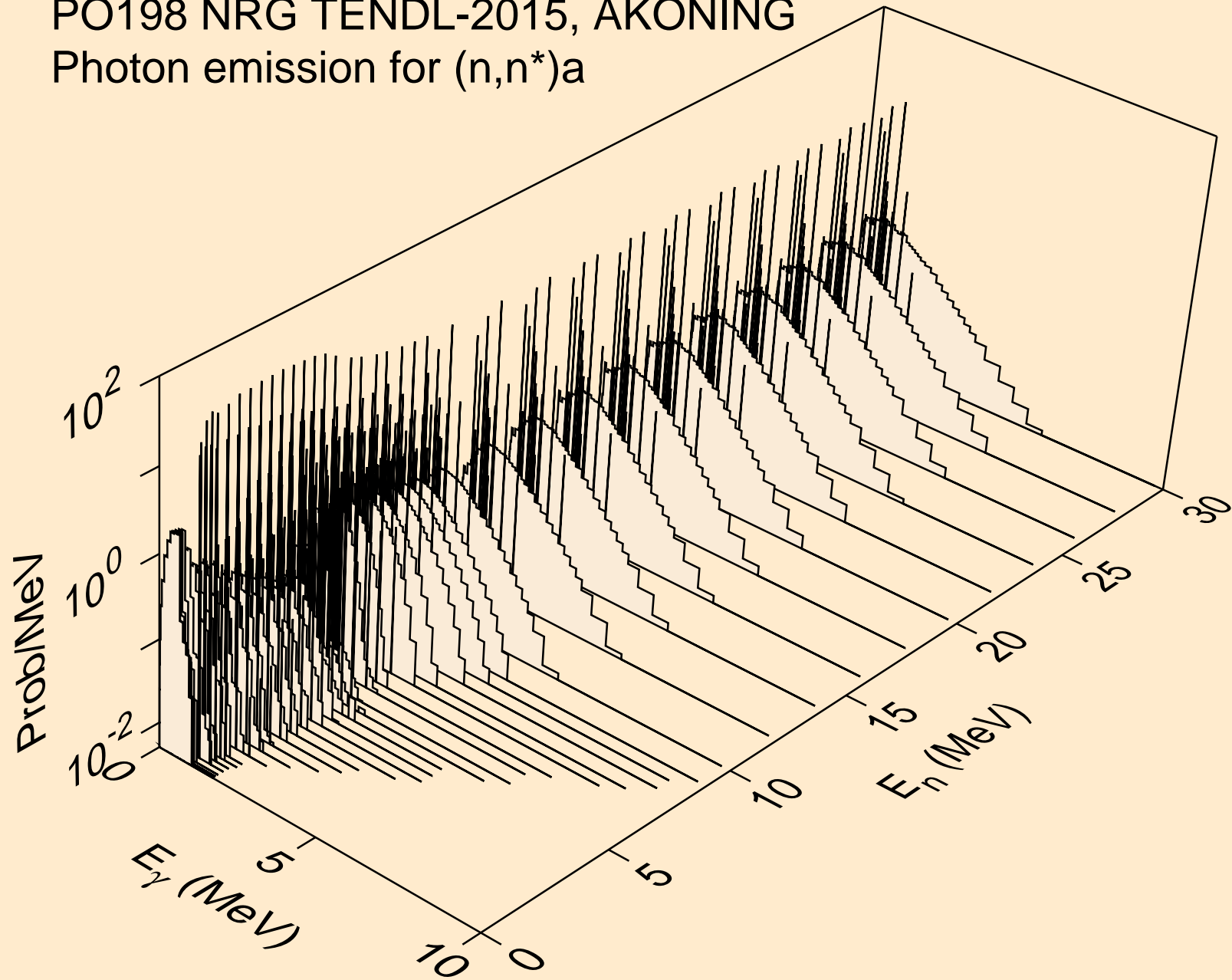
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



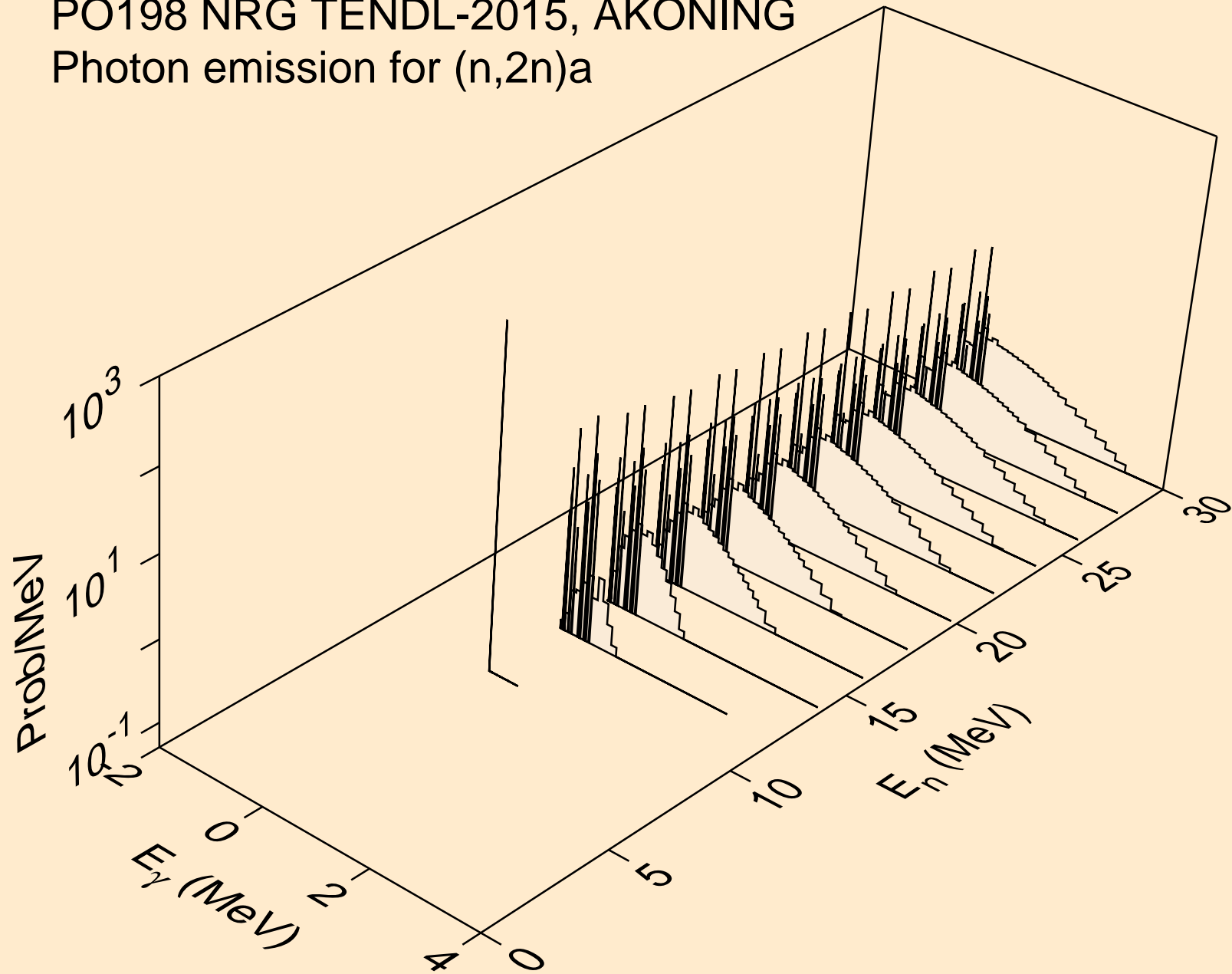
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



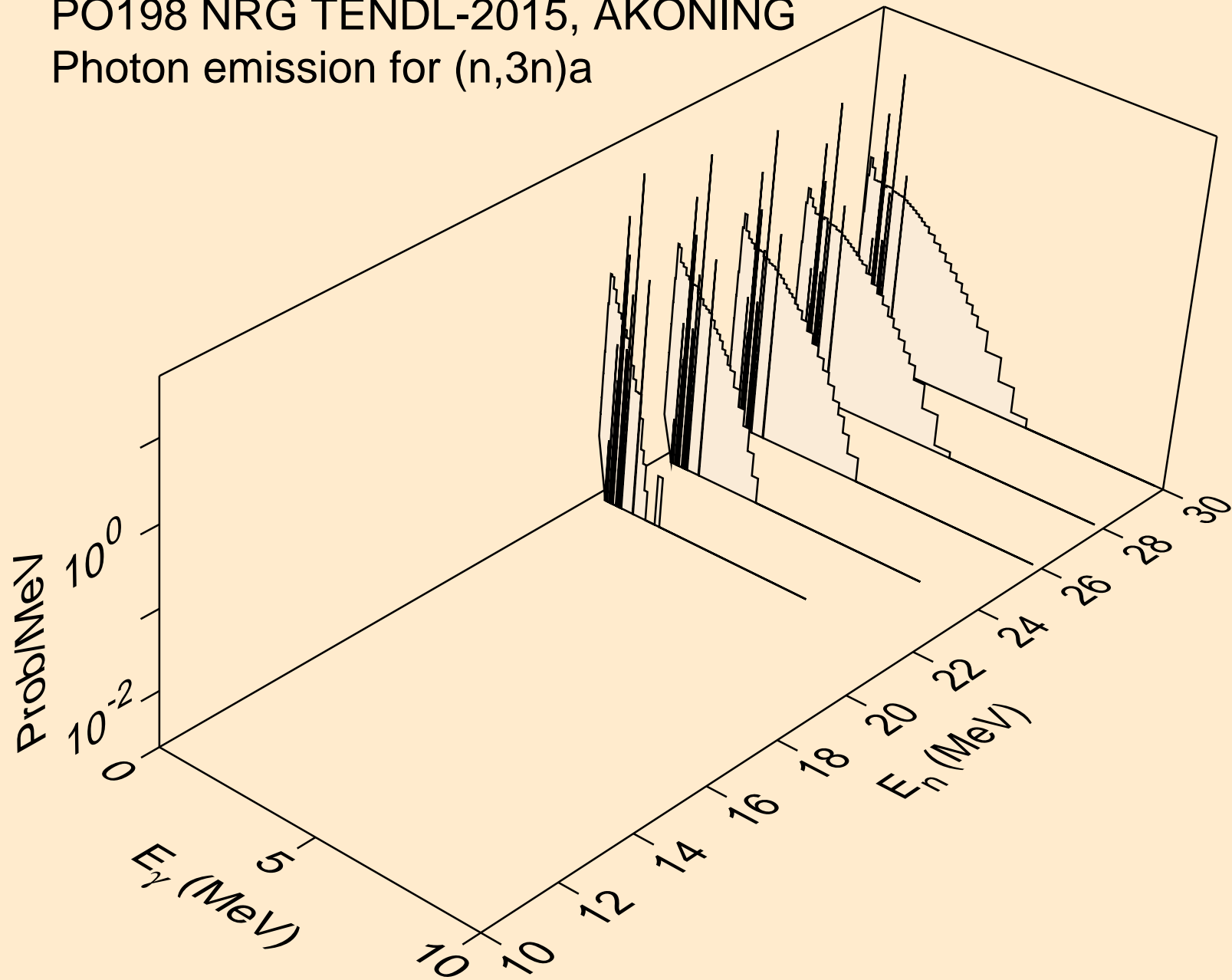
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



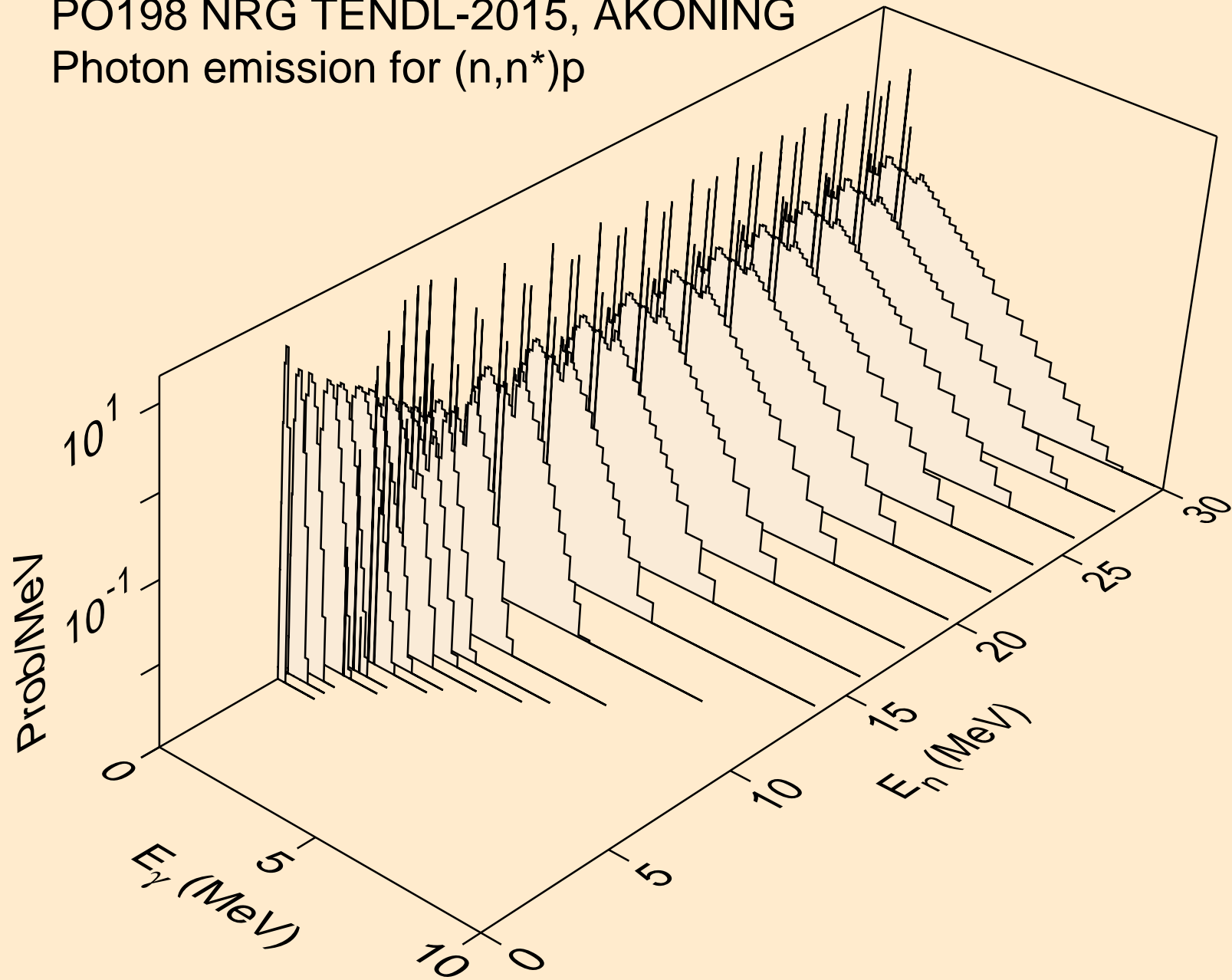
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



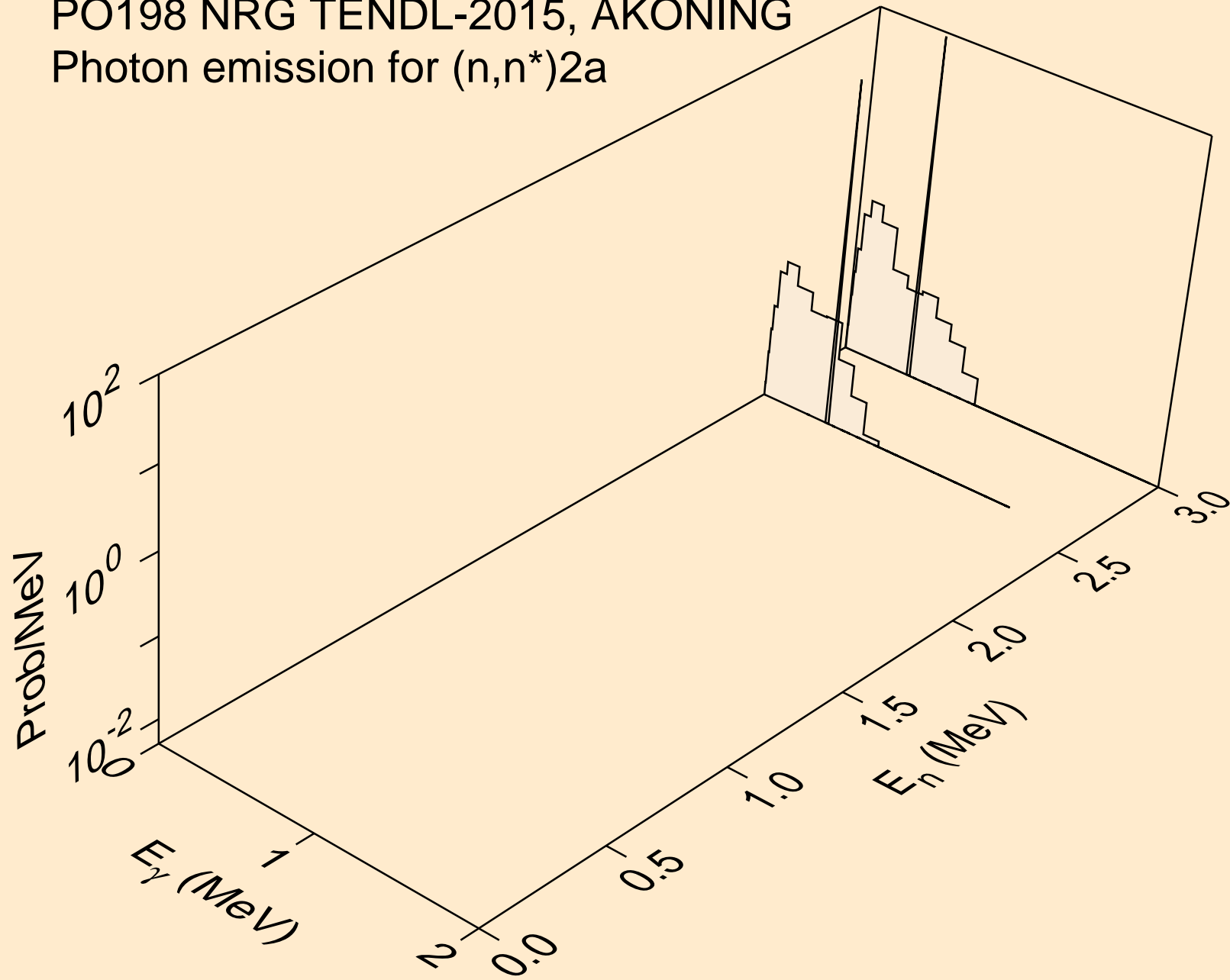
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

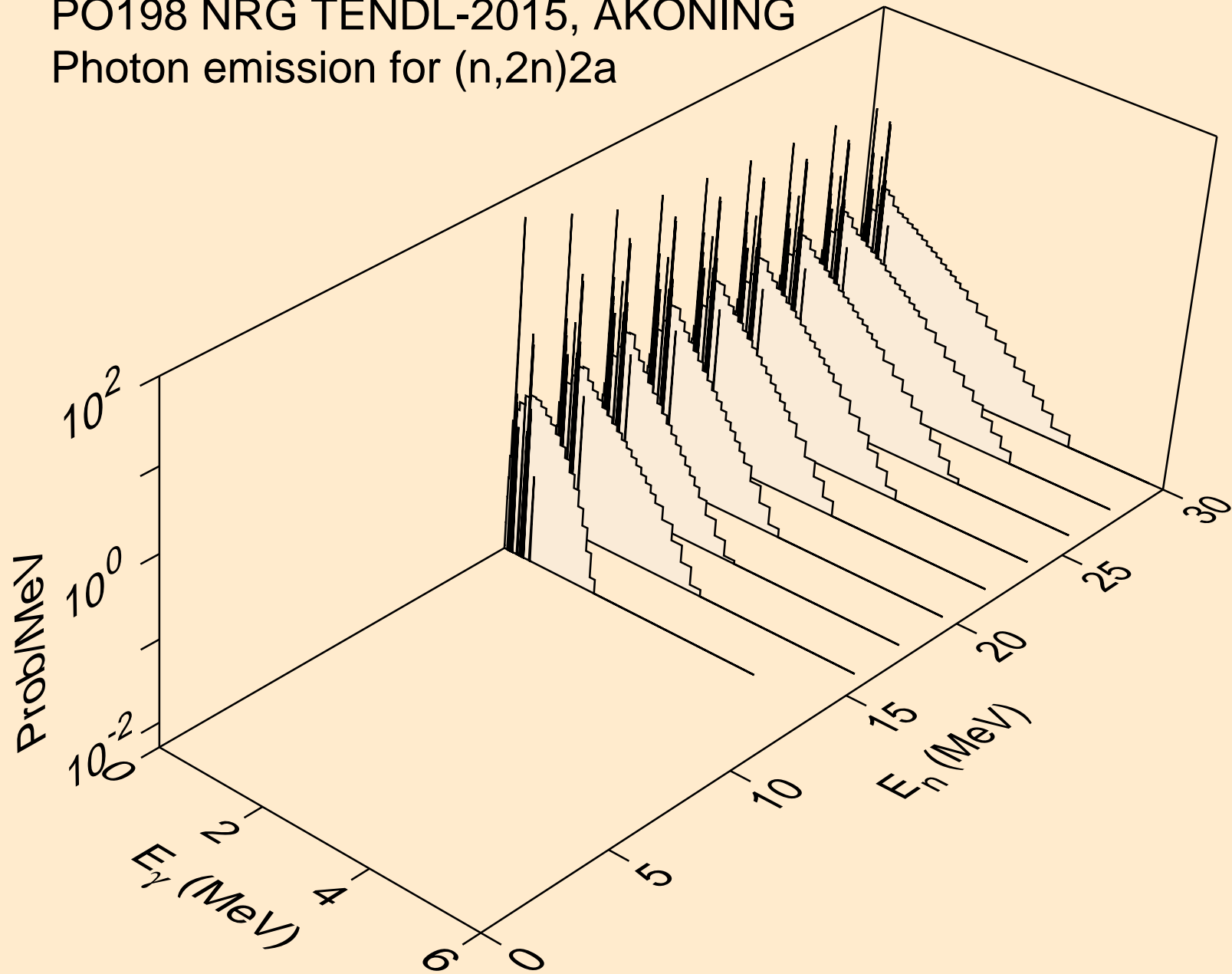


PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

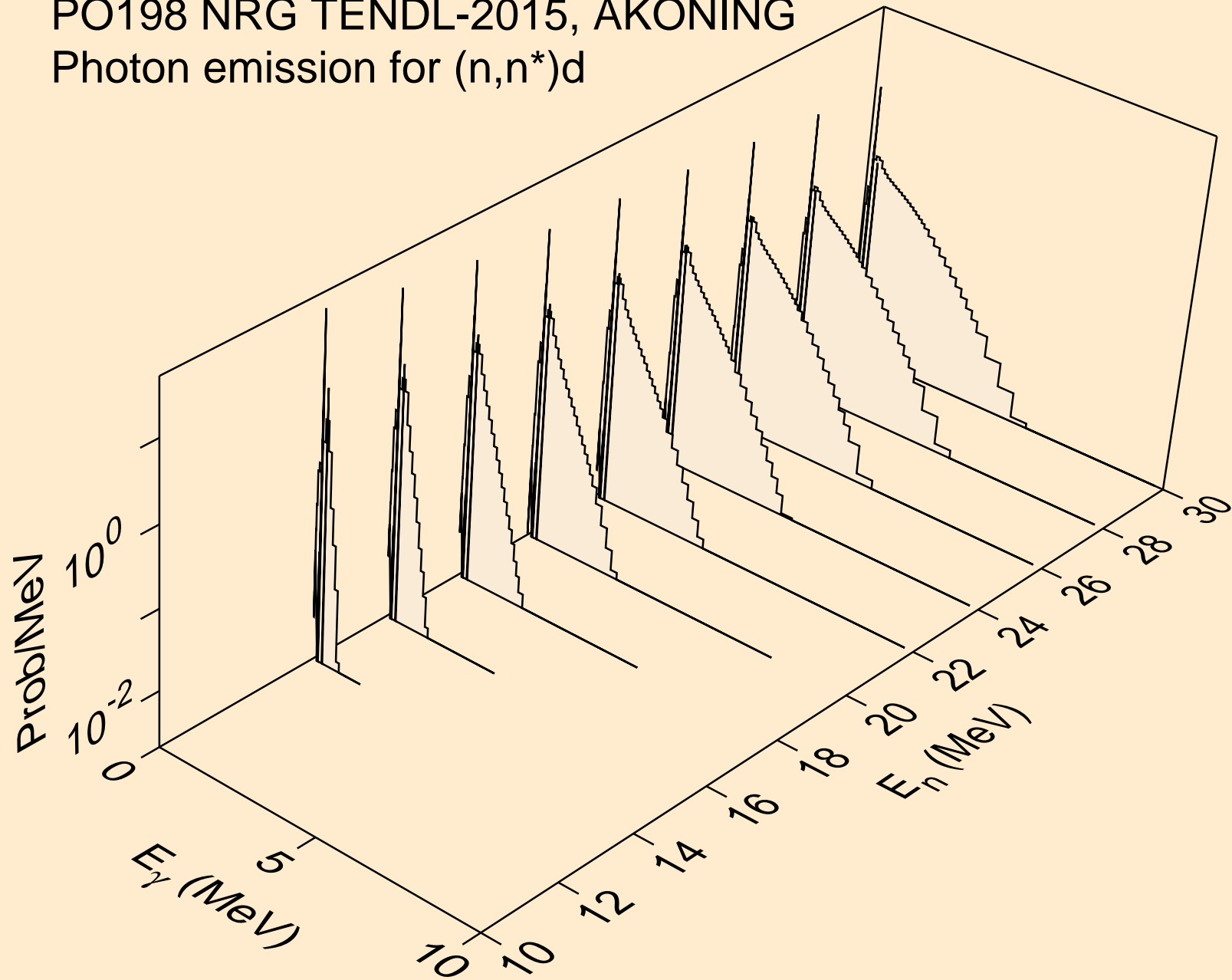




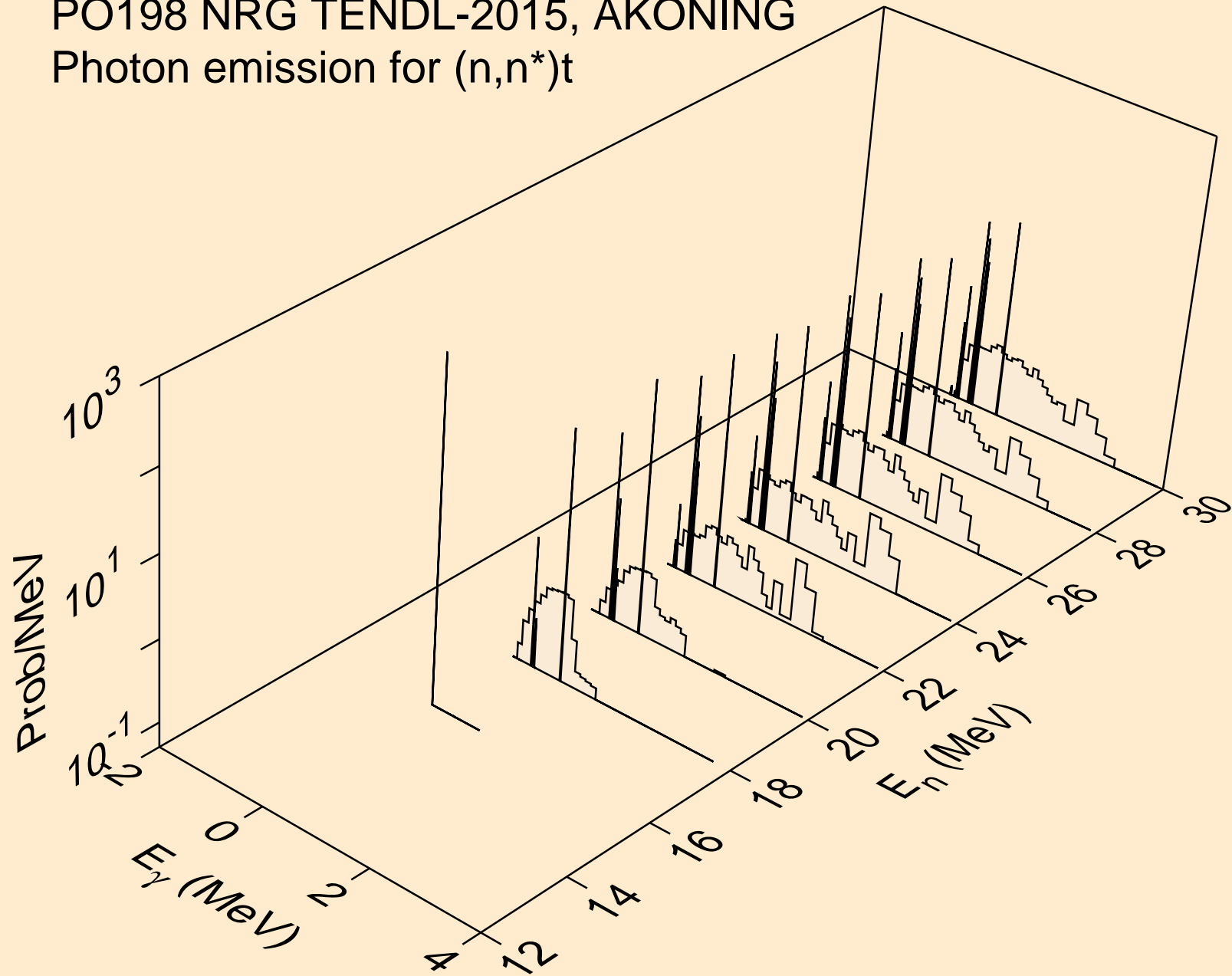
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



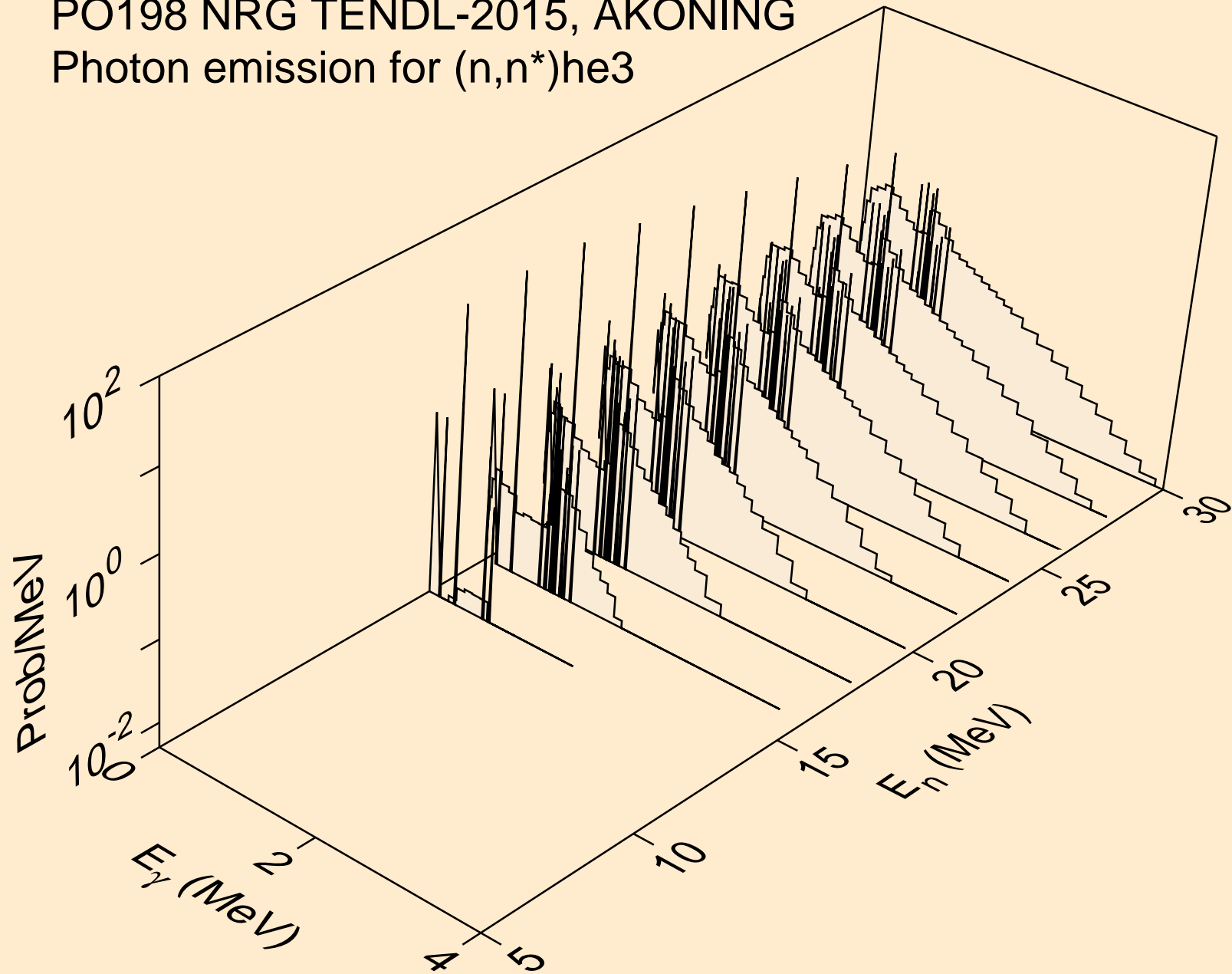
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



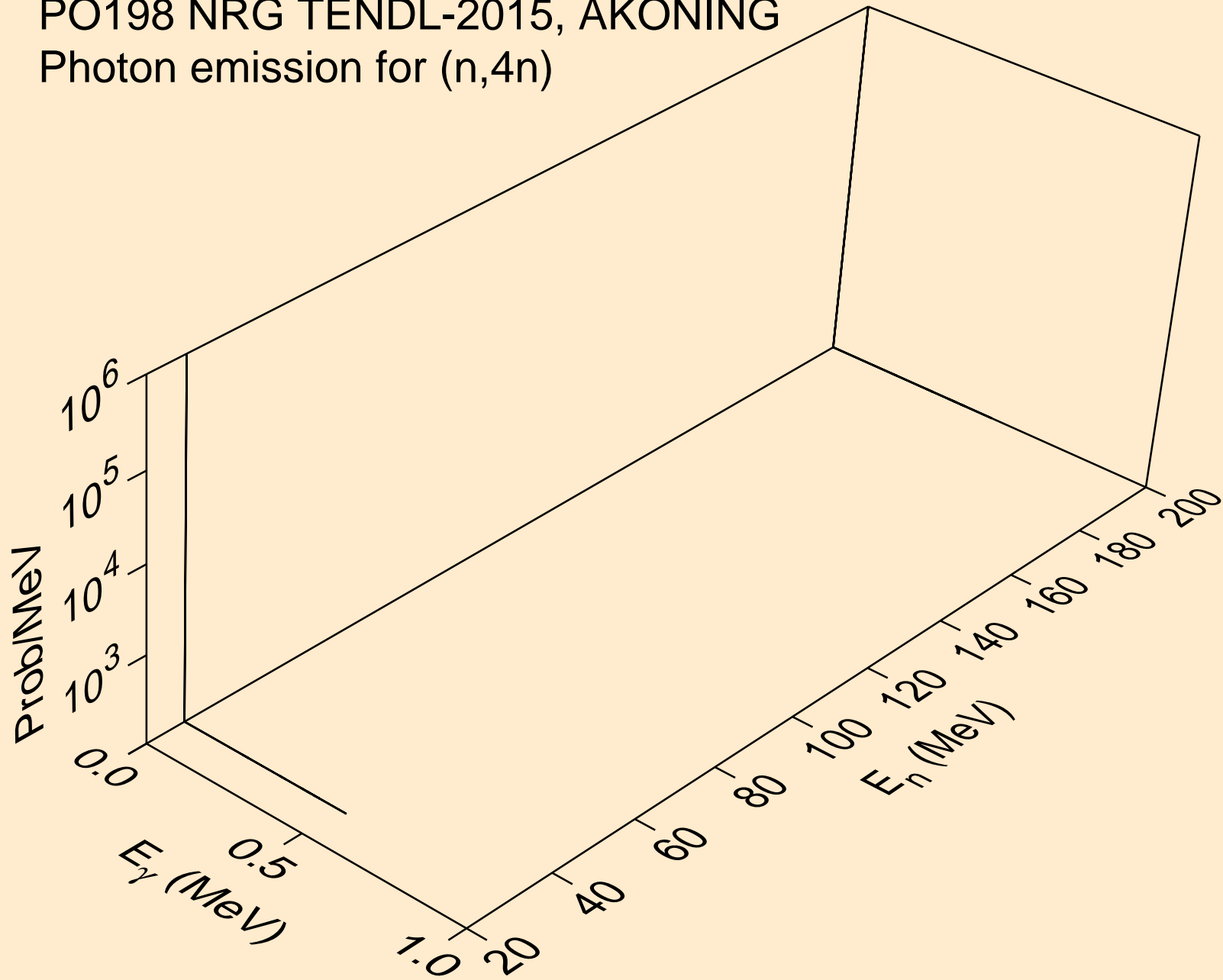
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



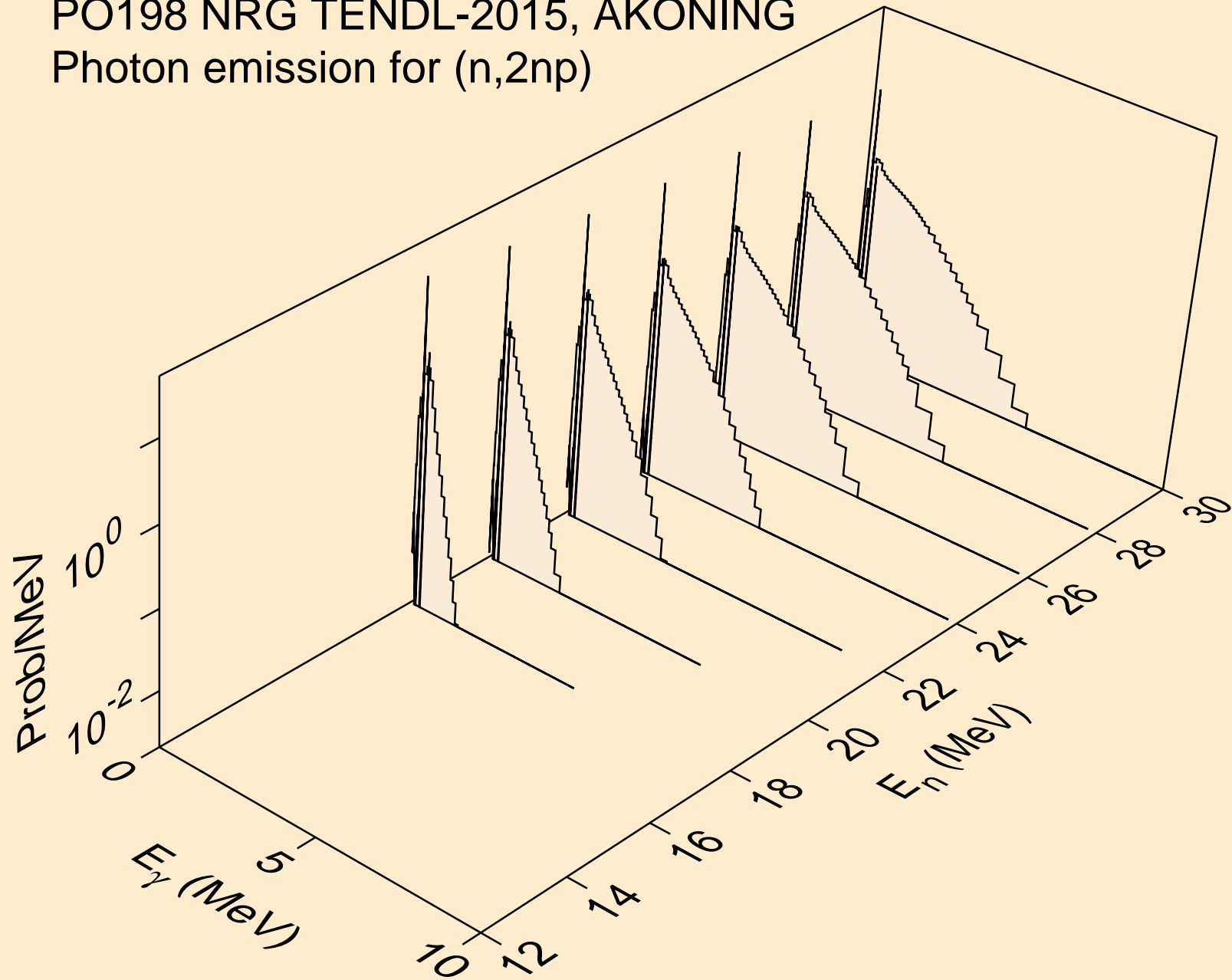
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



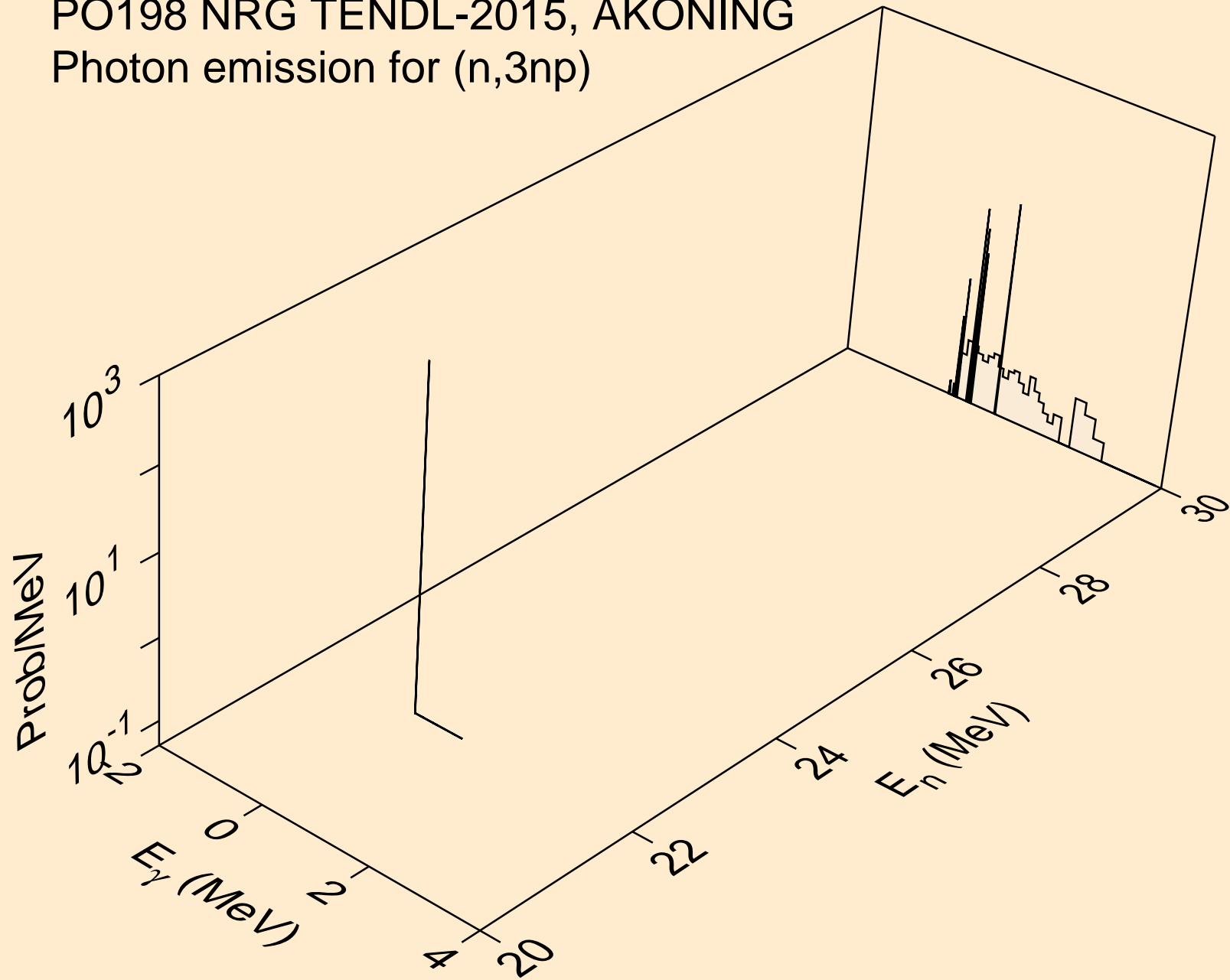
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



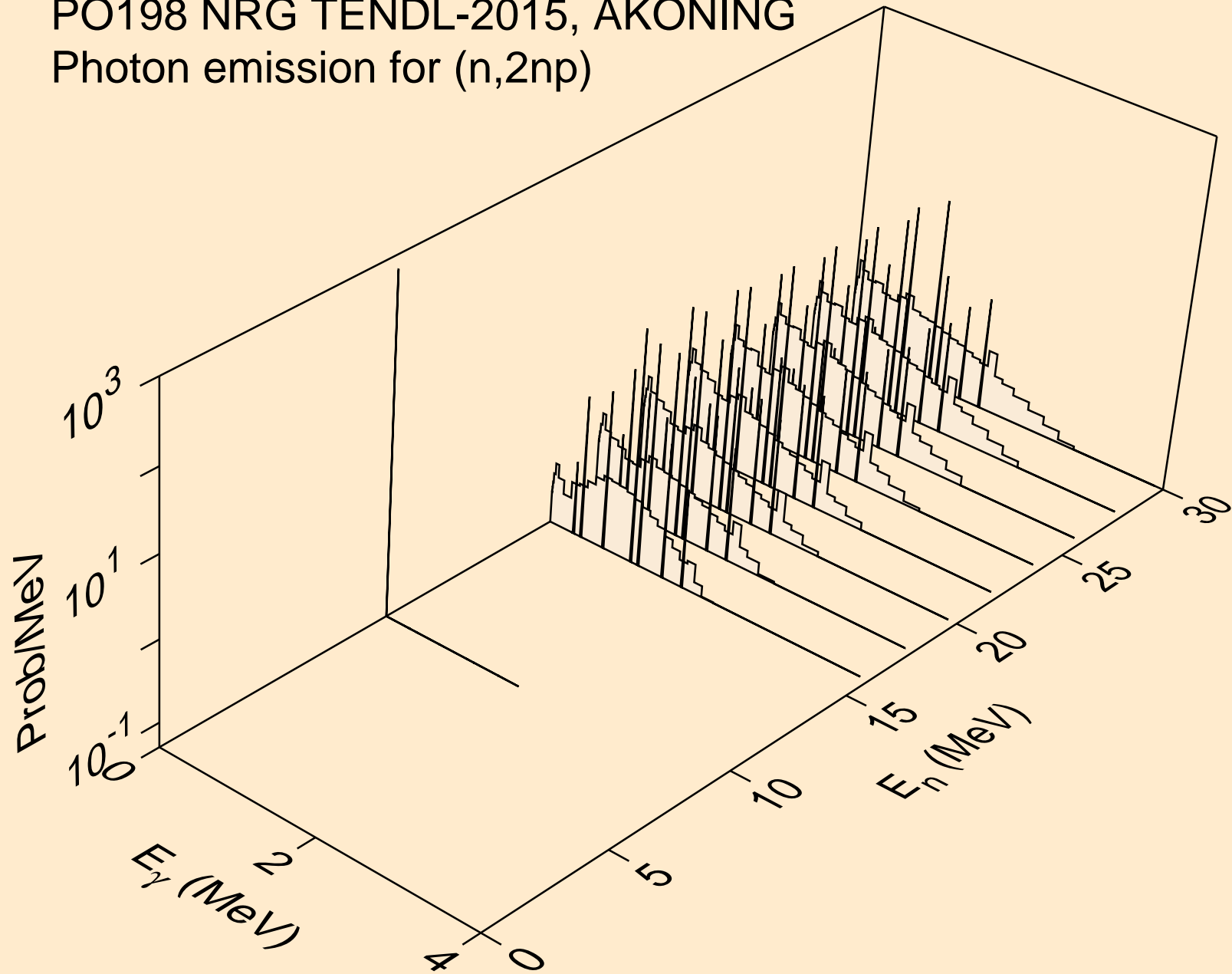
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

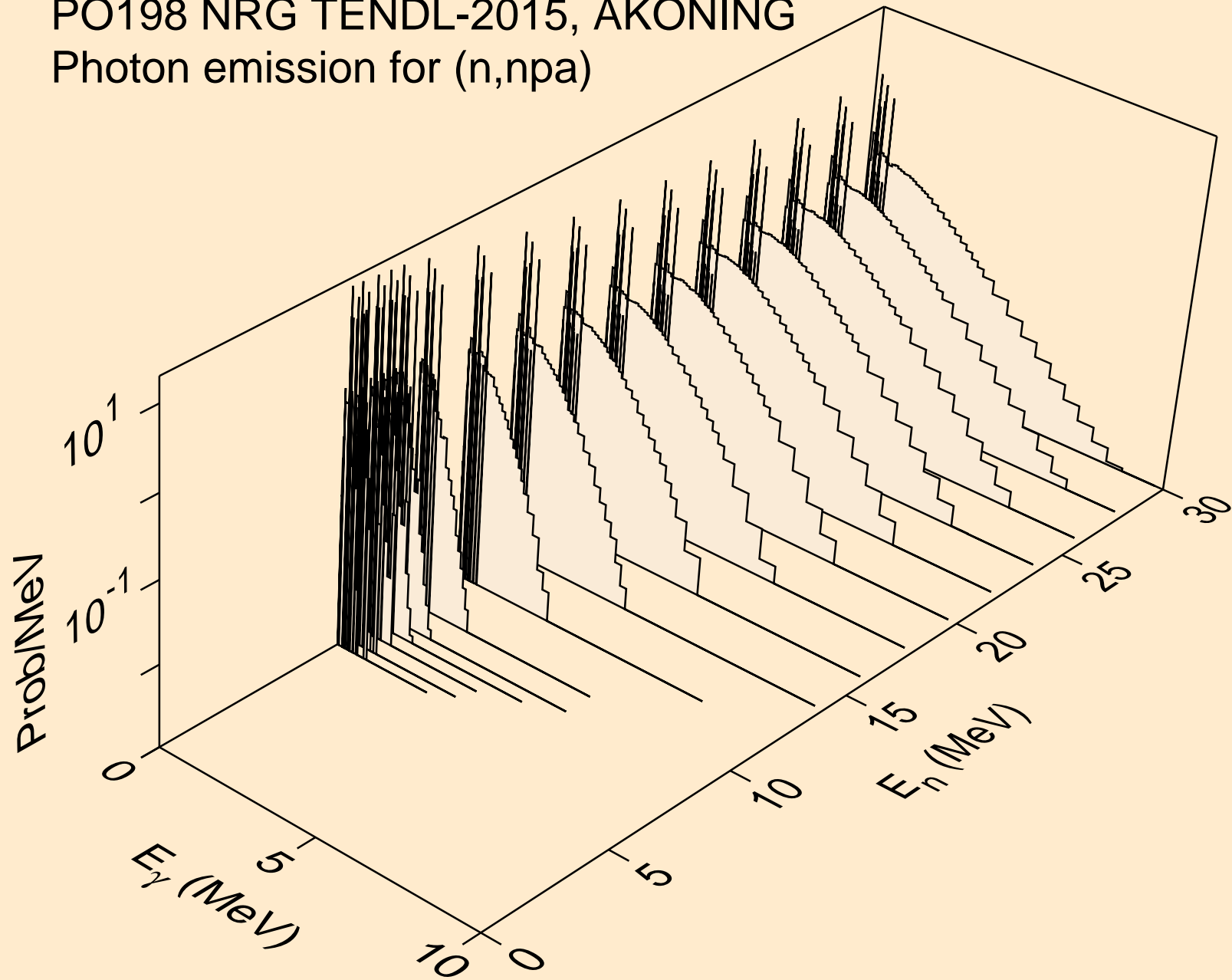


PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

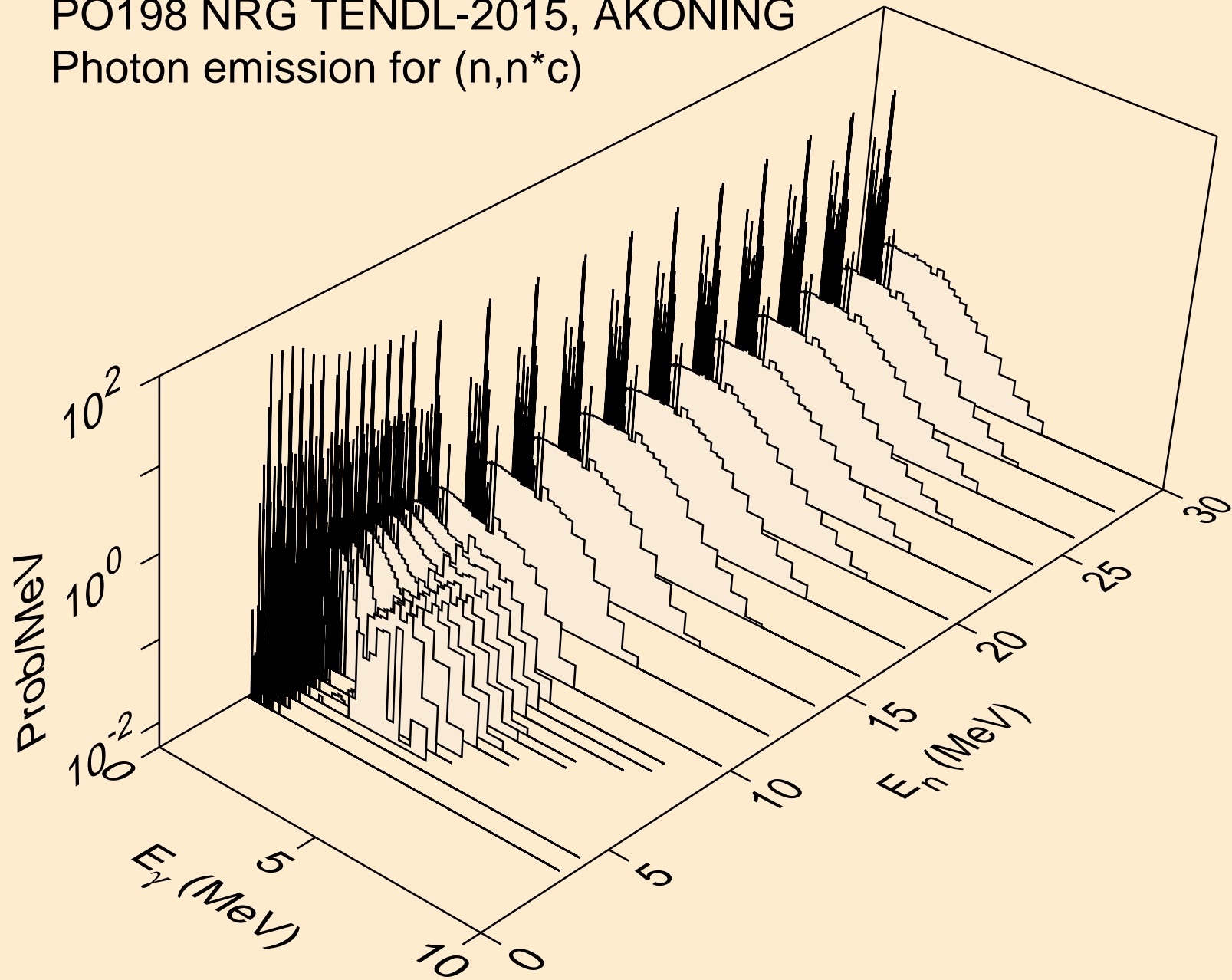




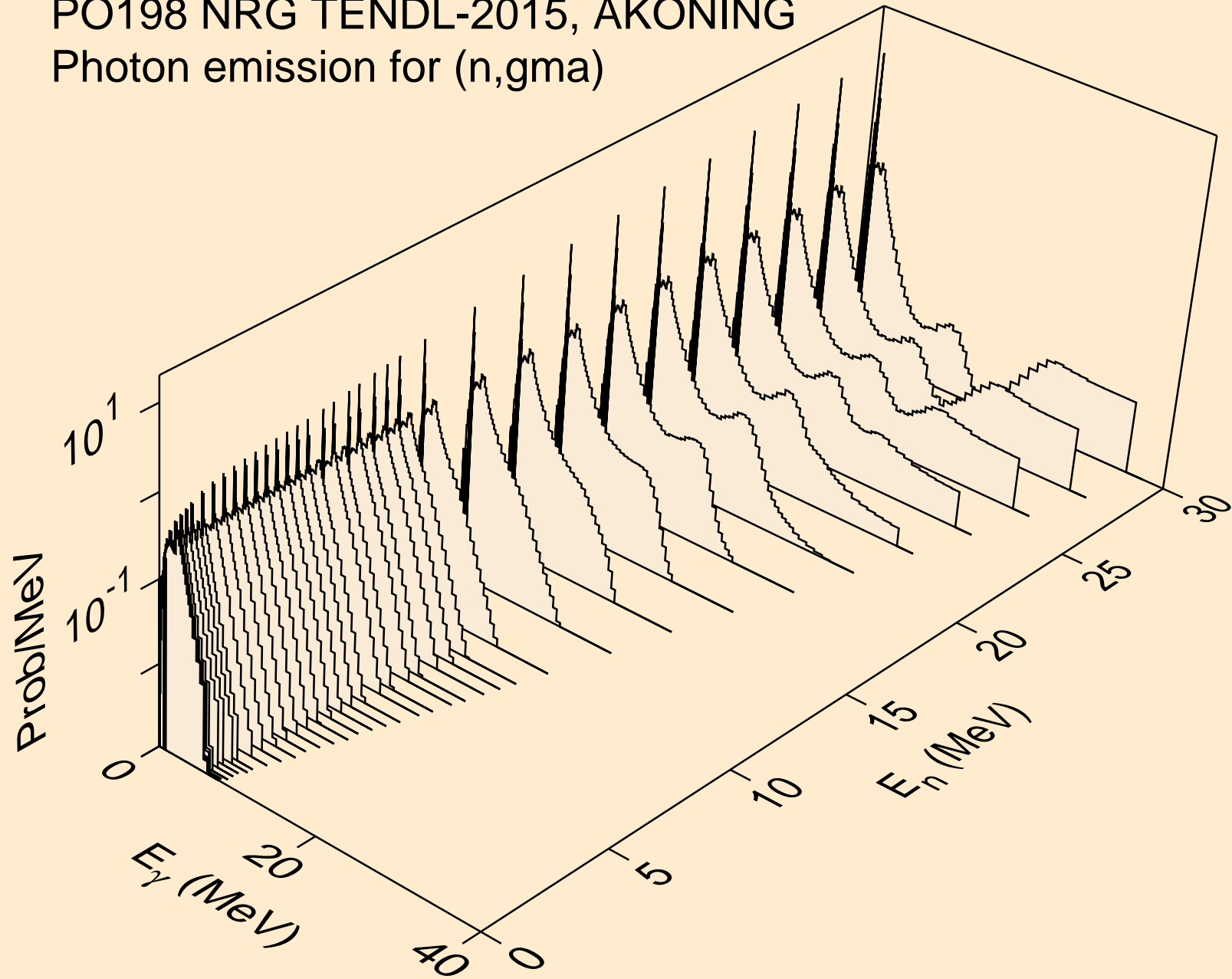
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



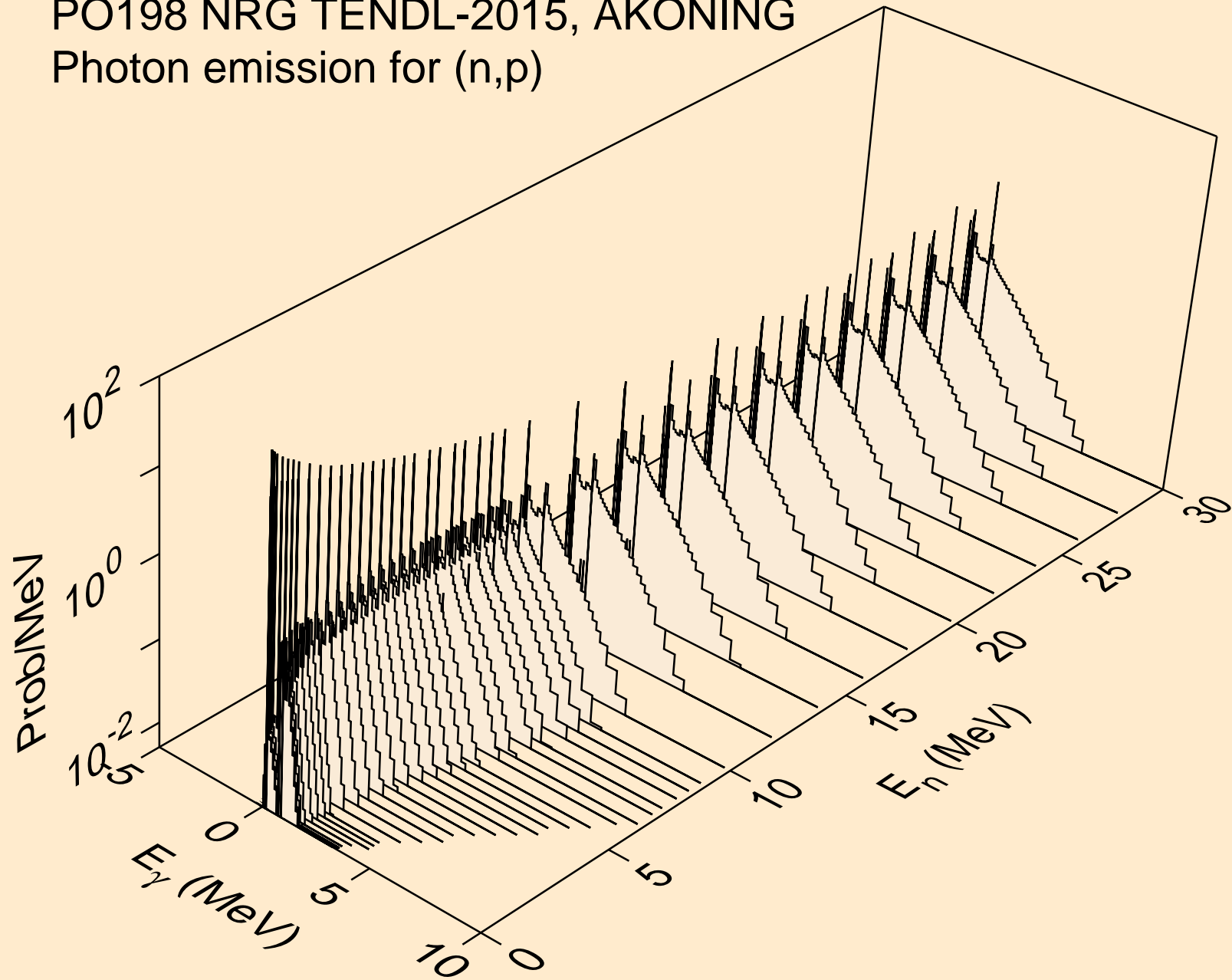
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



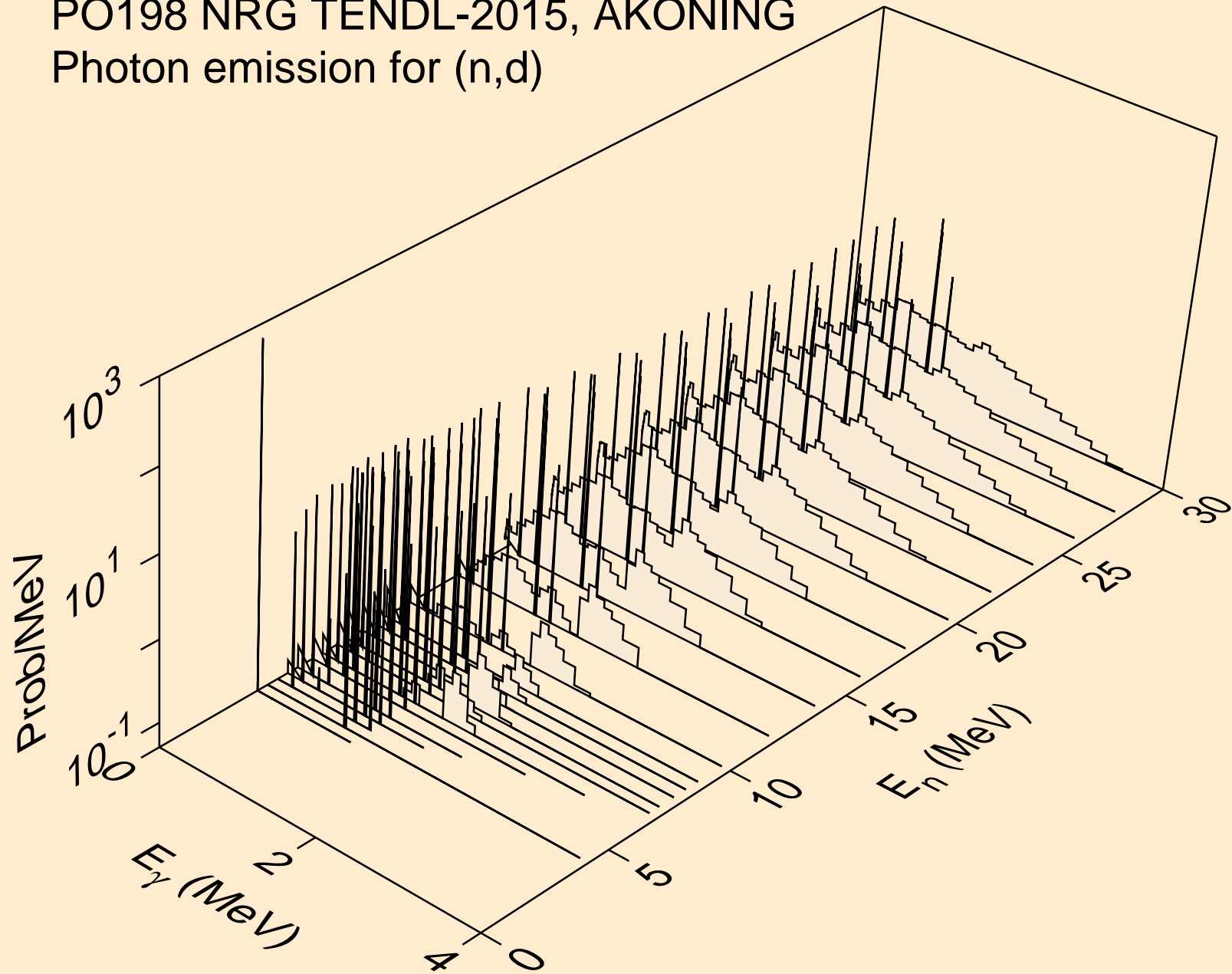
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



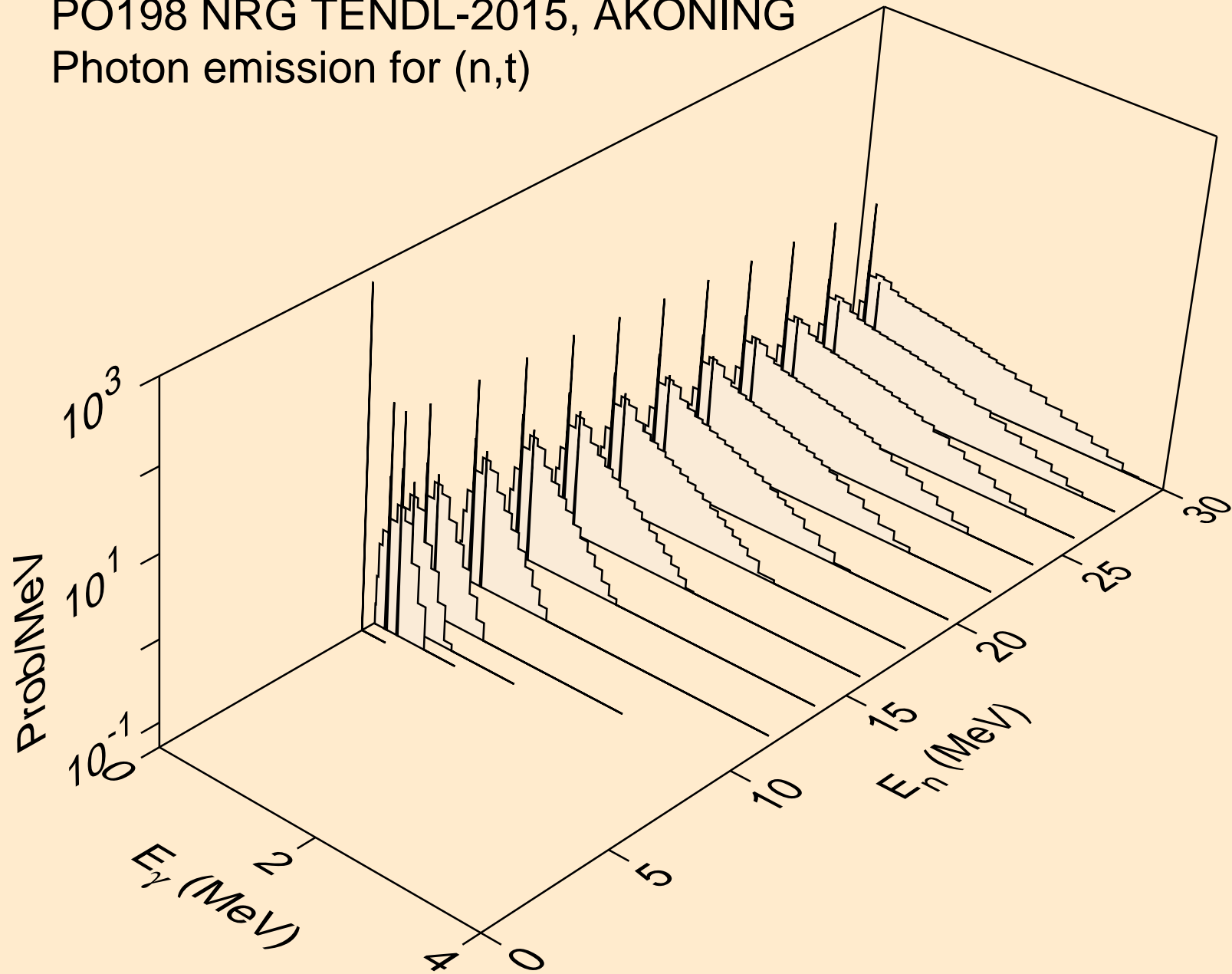
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



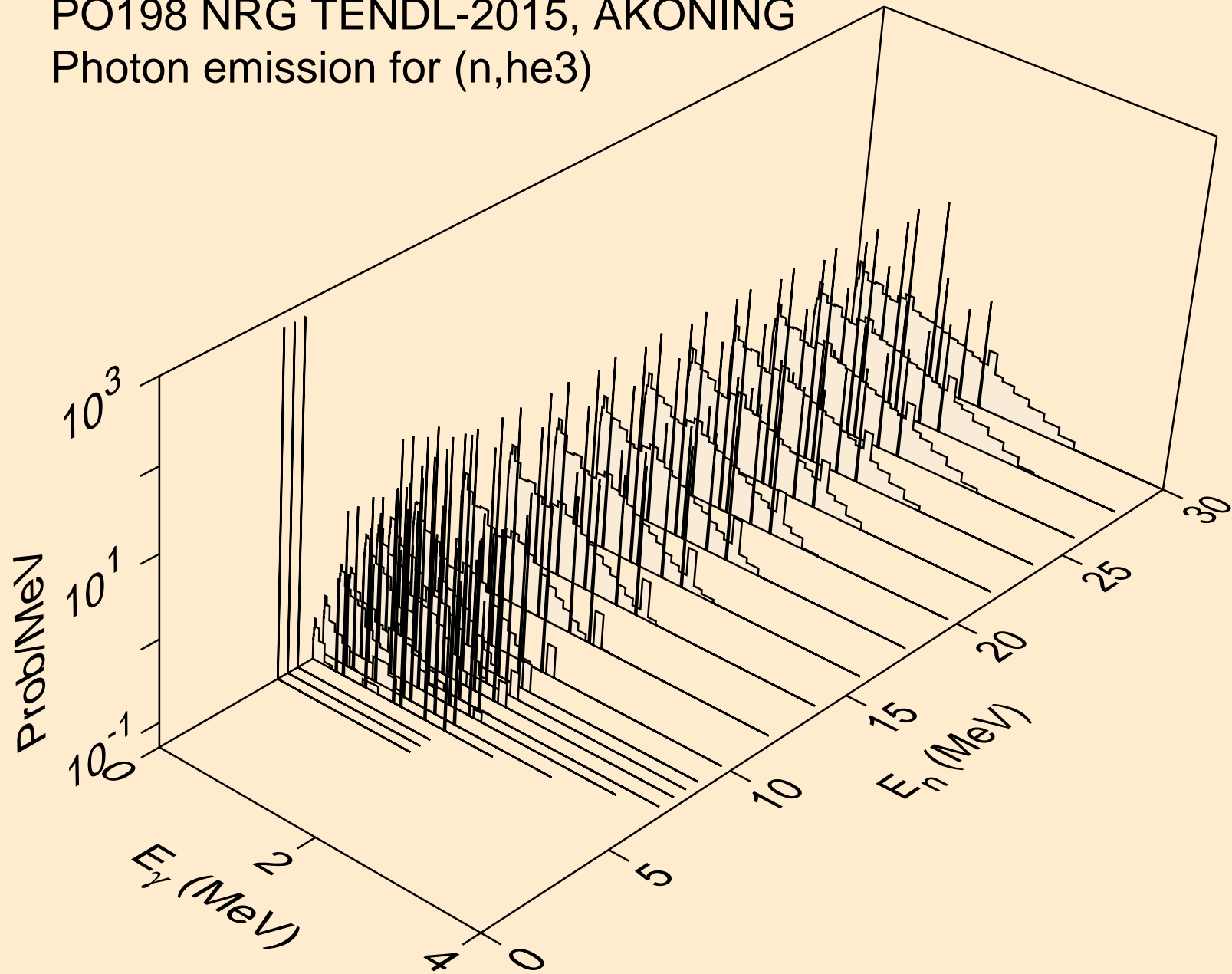
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



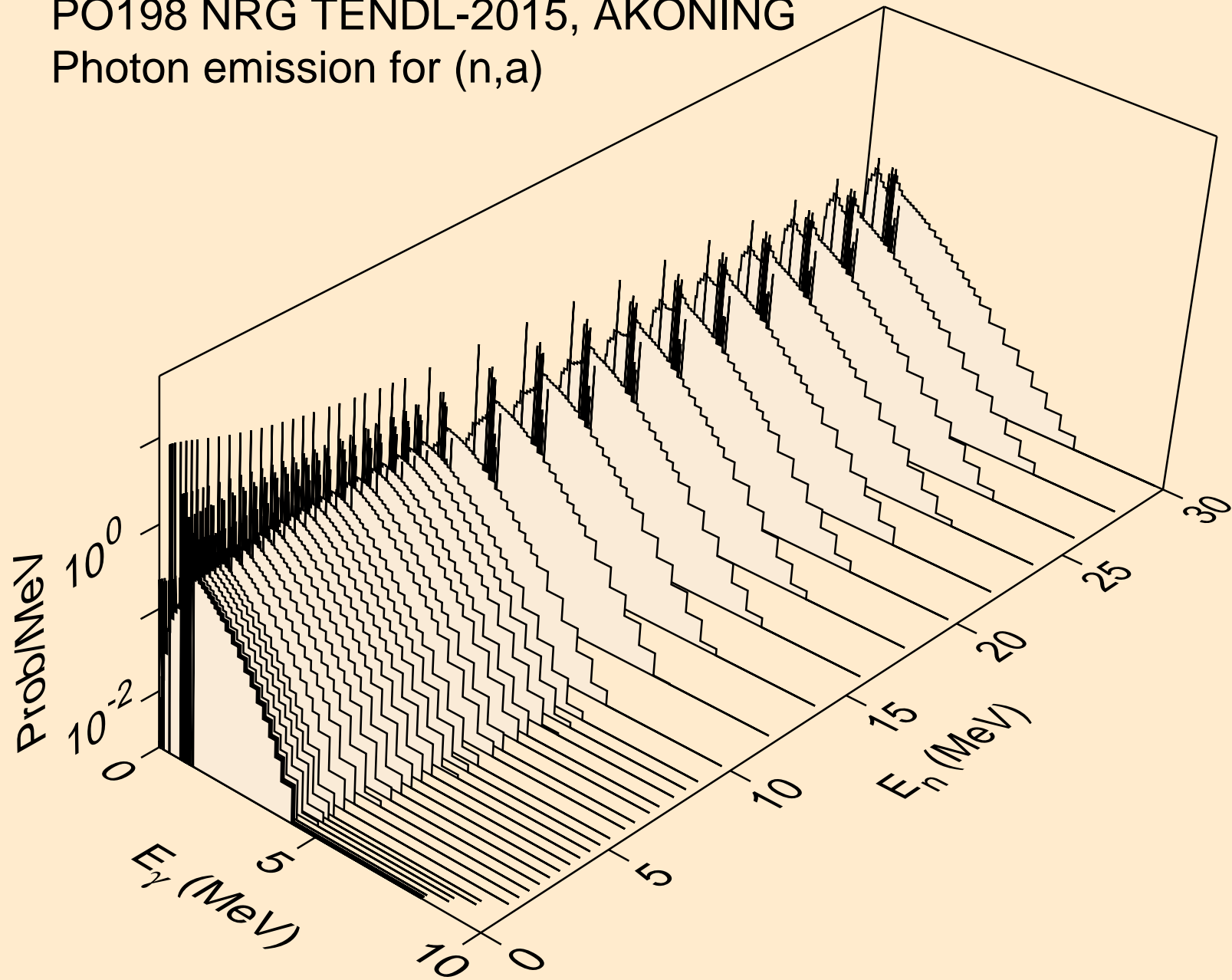
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

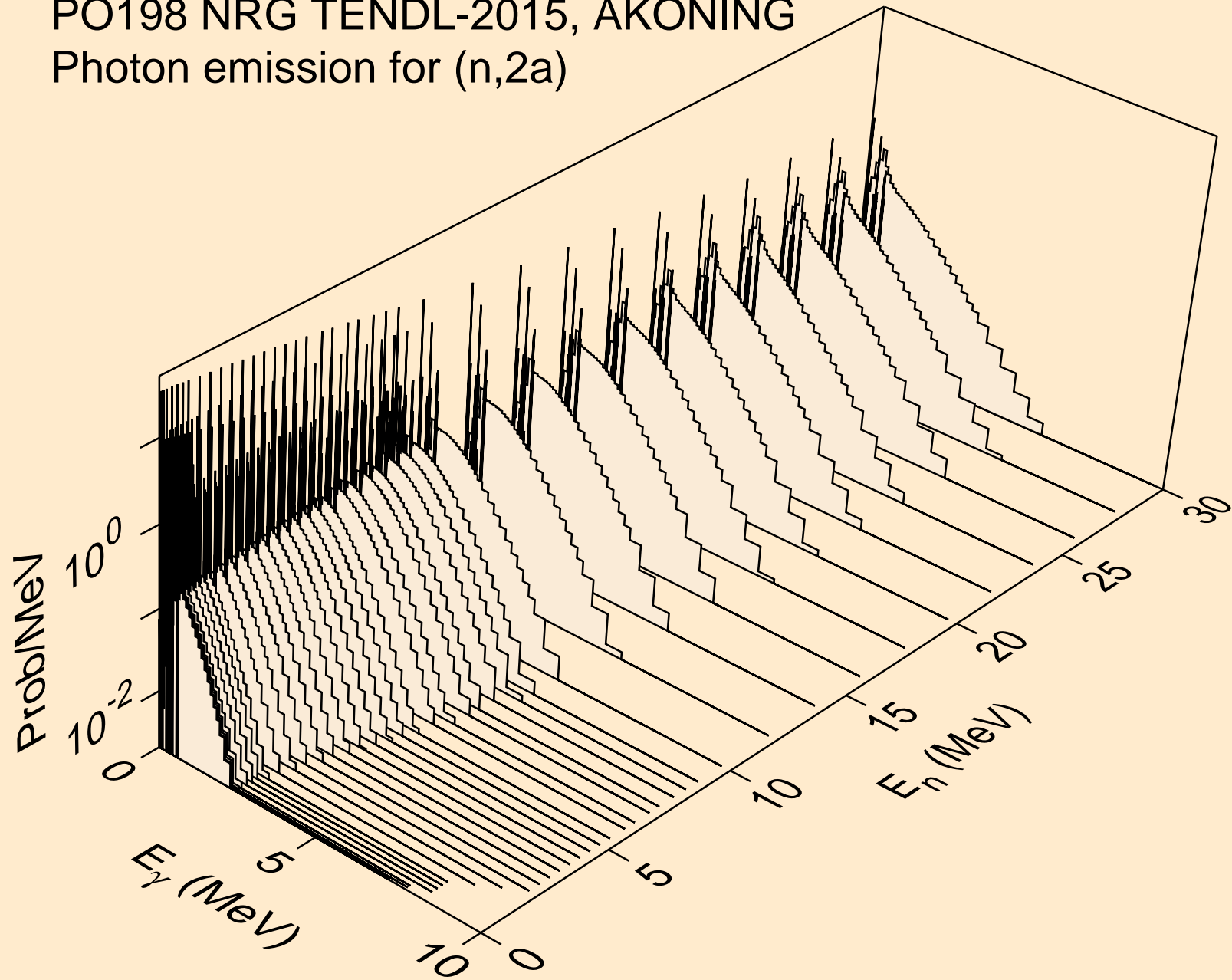


PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

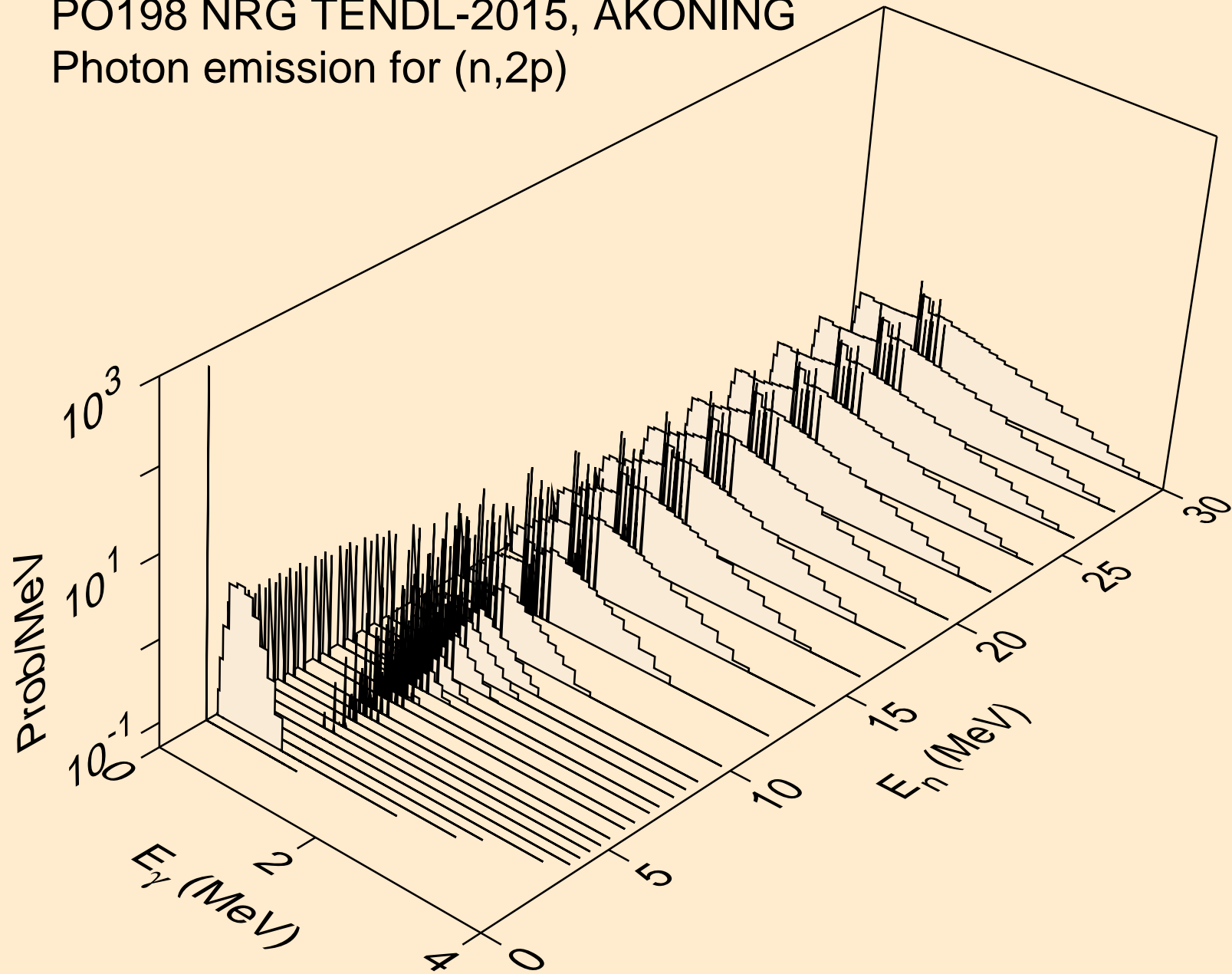




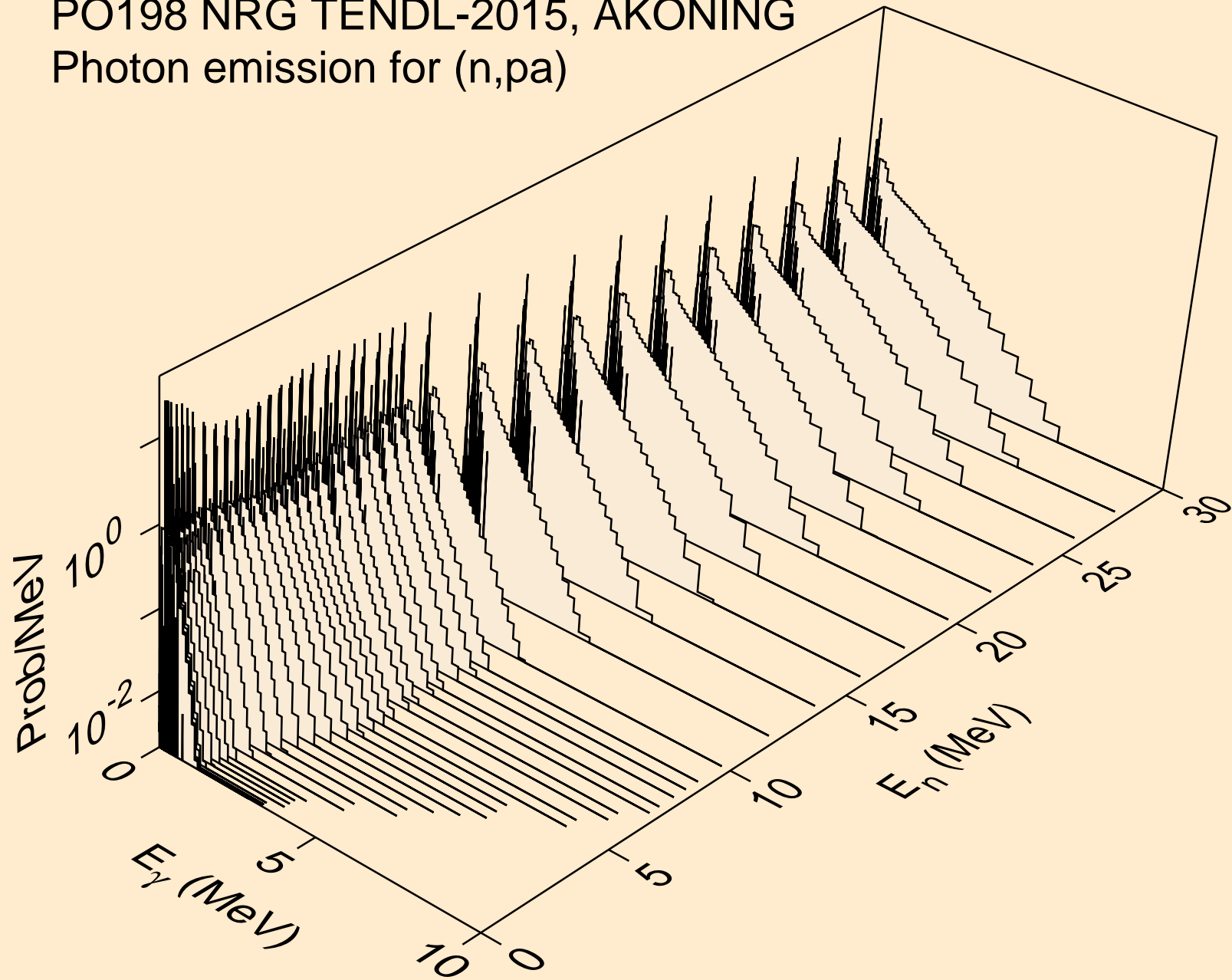
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



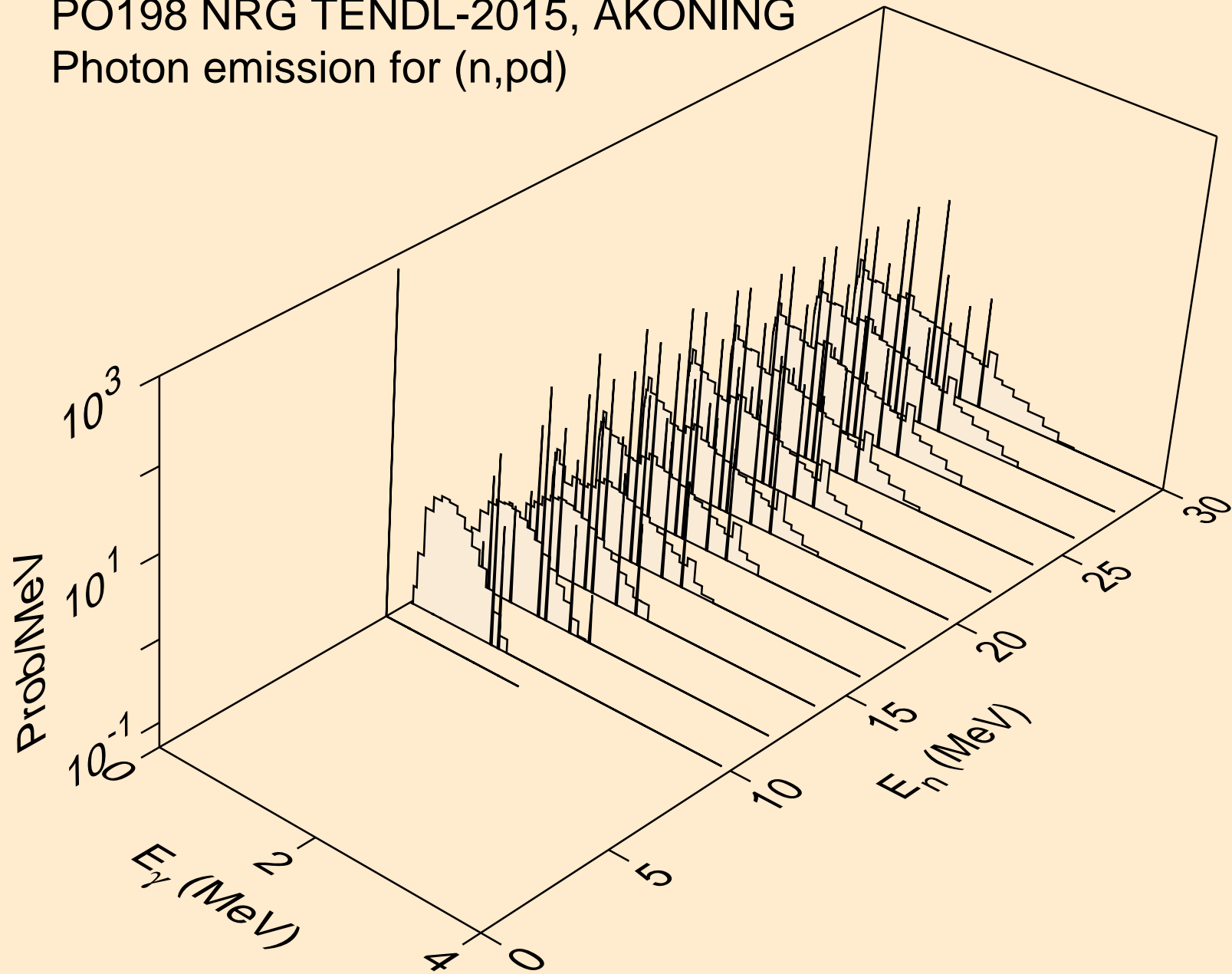
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



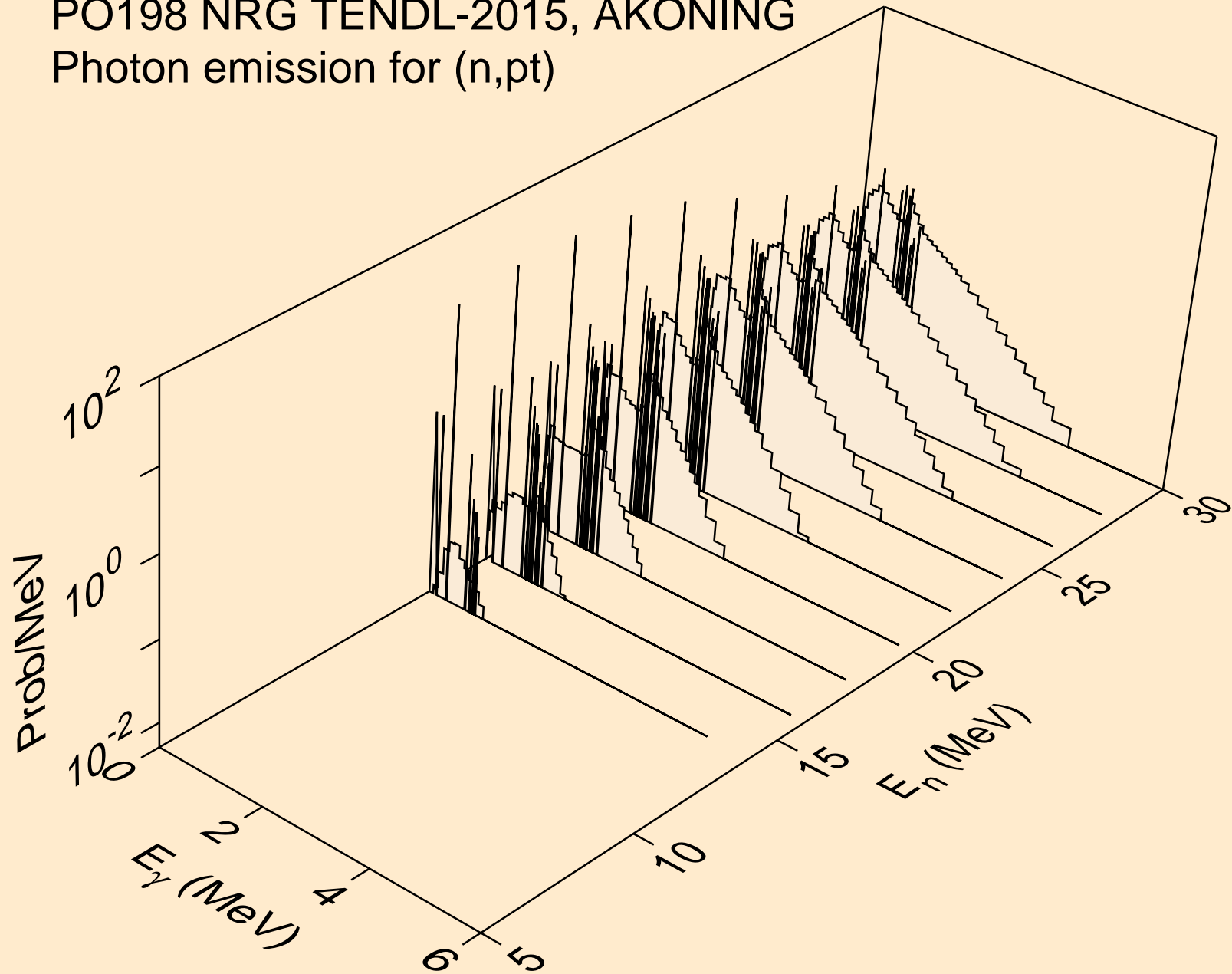
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



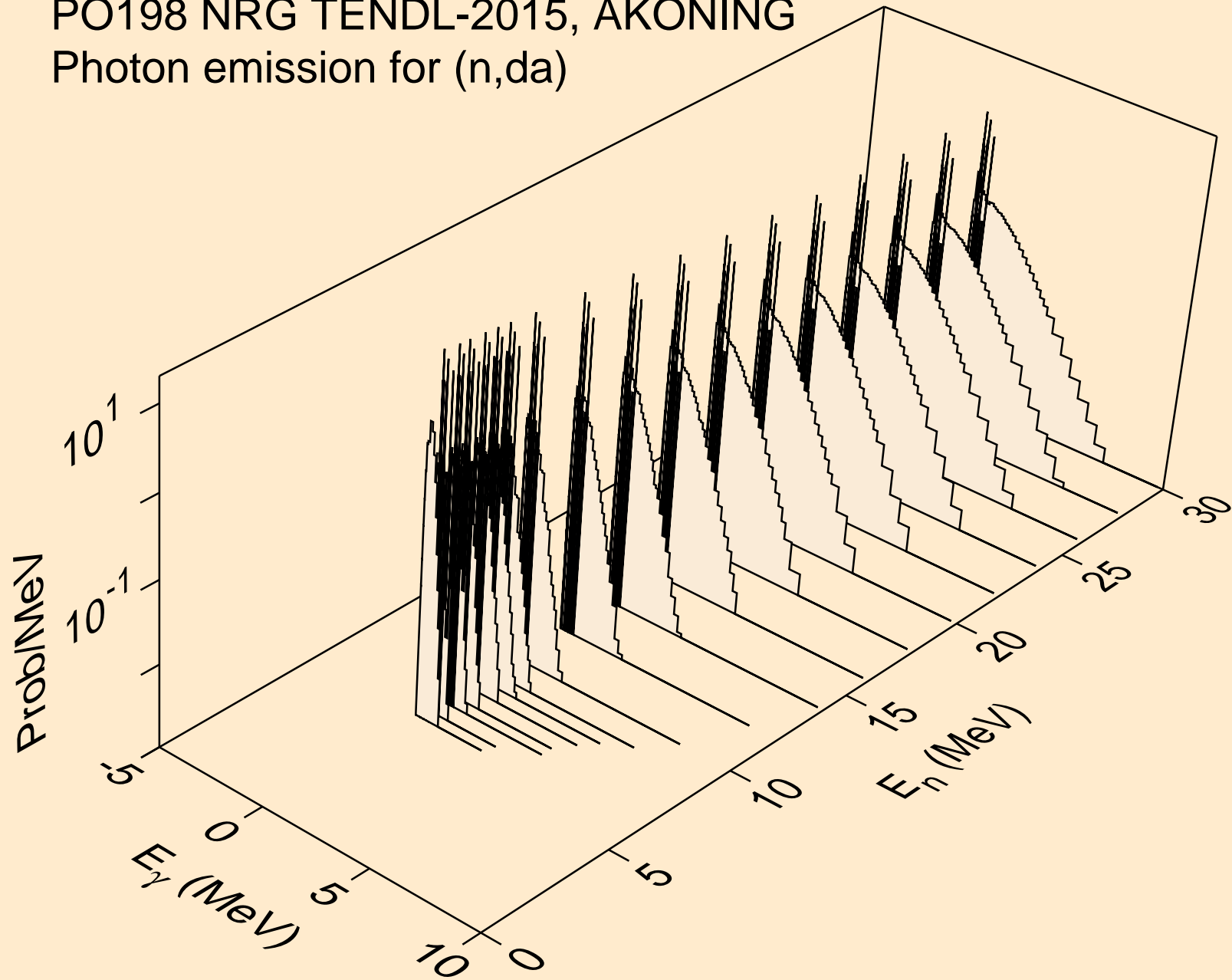
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



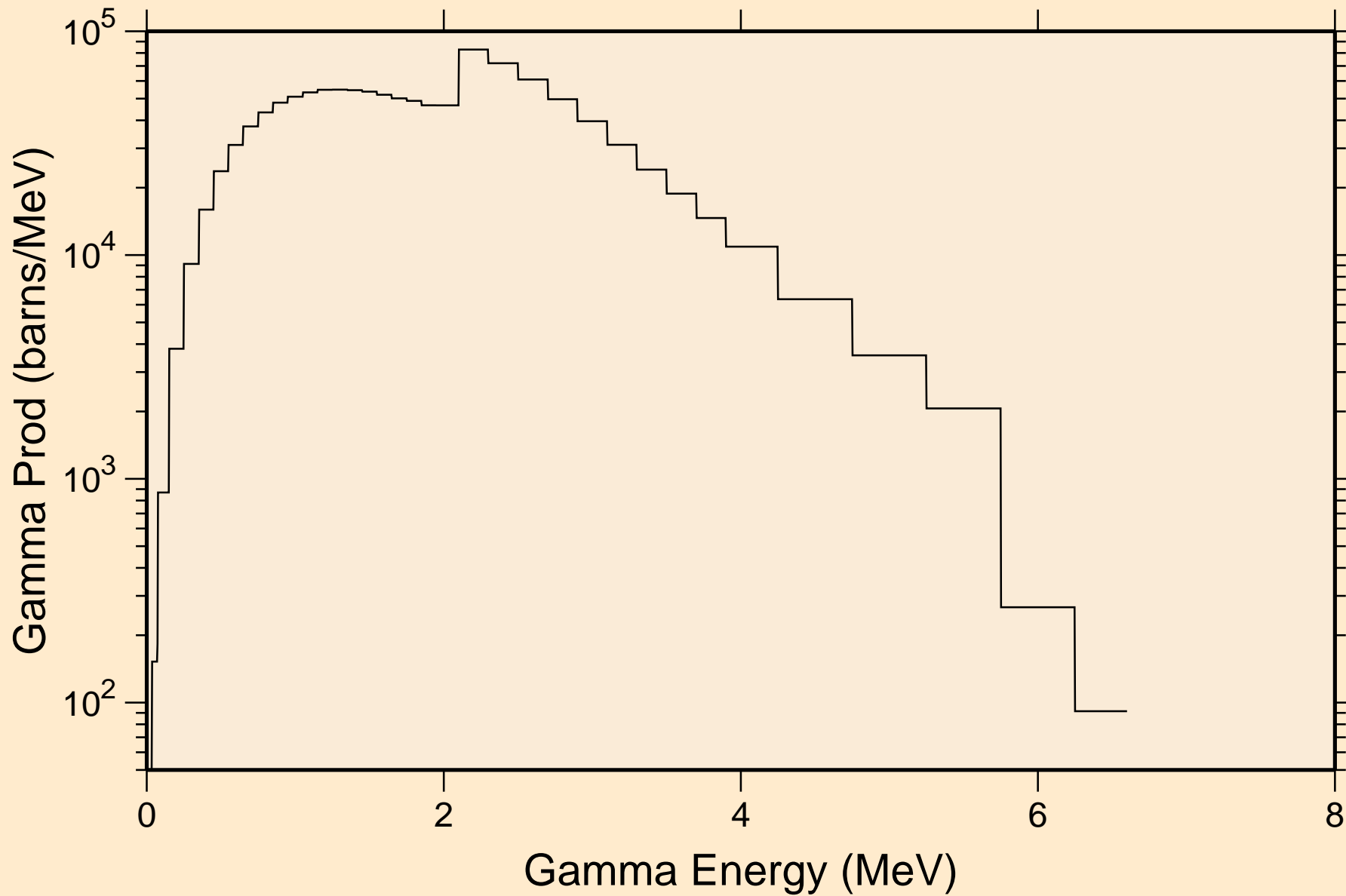
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



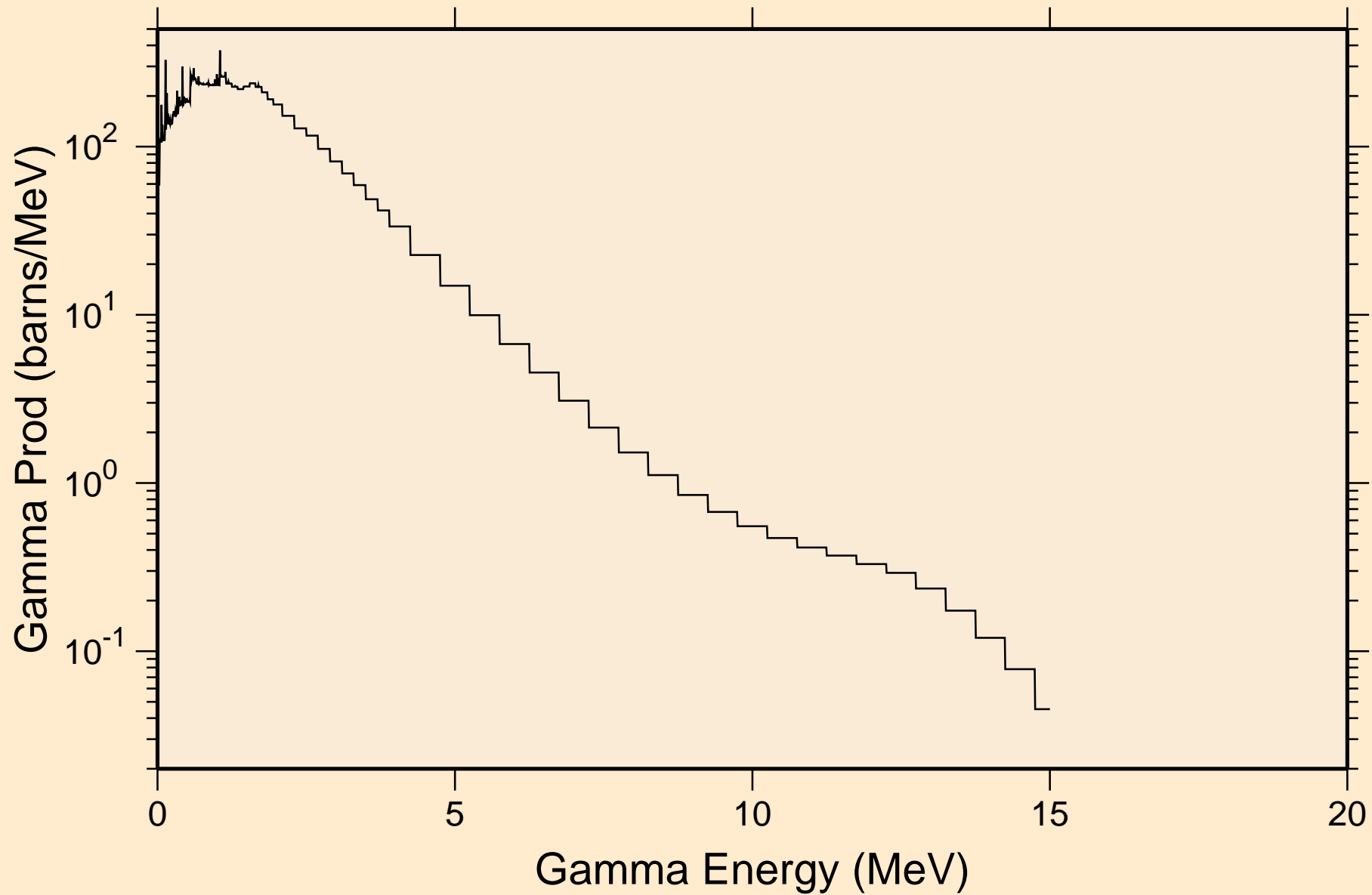
PO198 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PO198 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



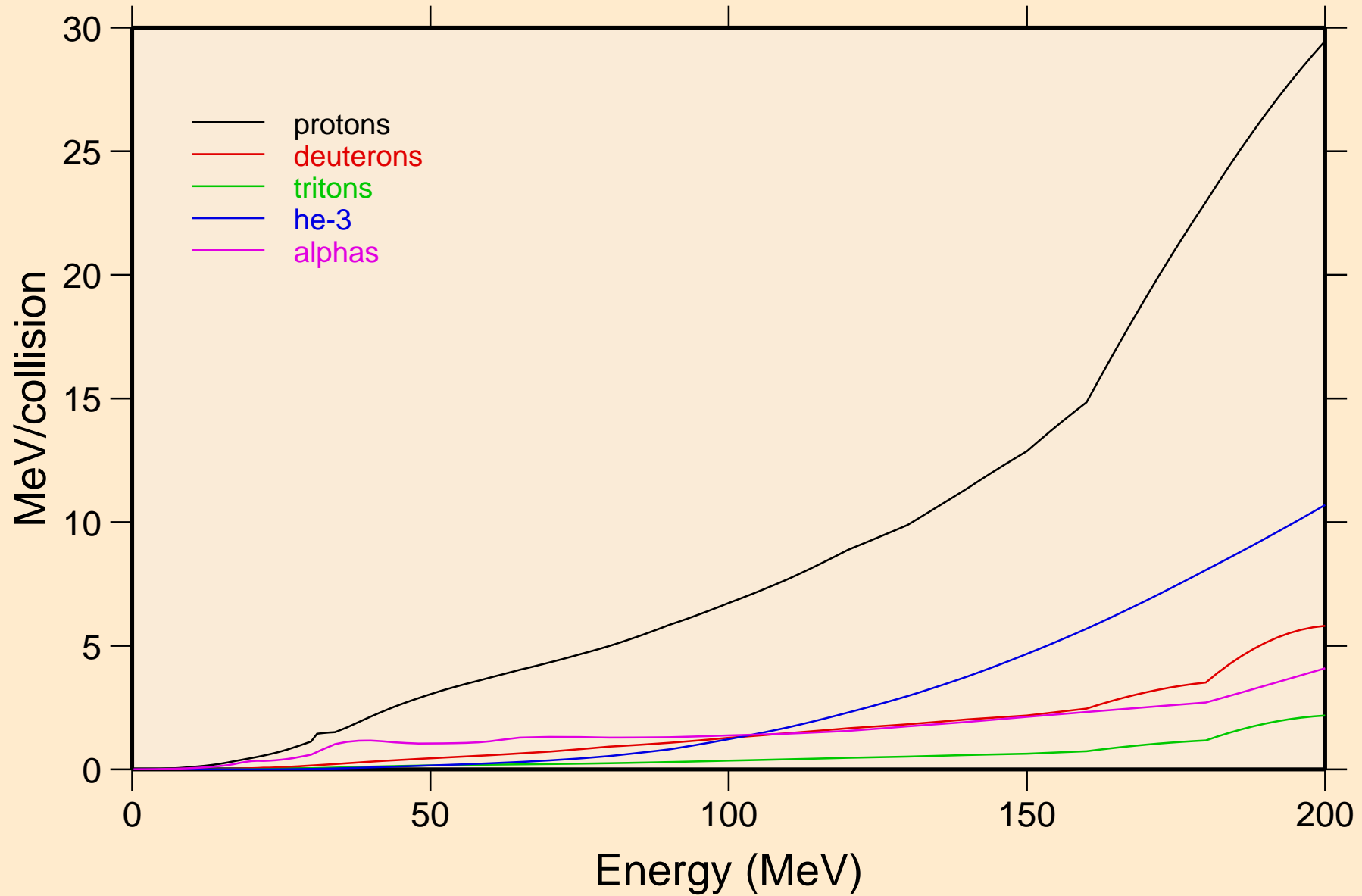
PO198 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





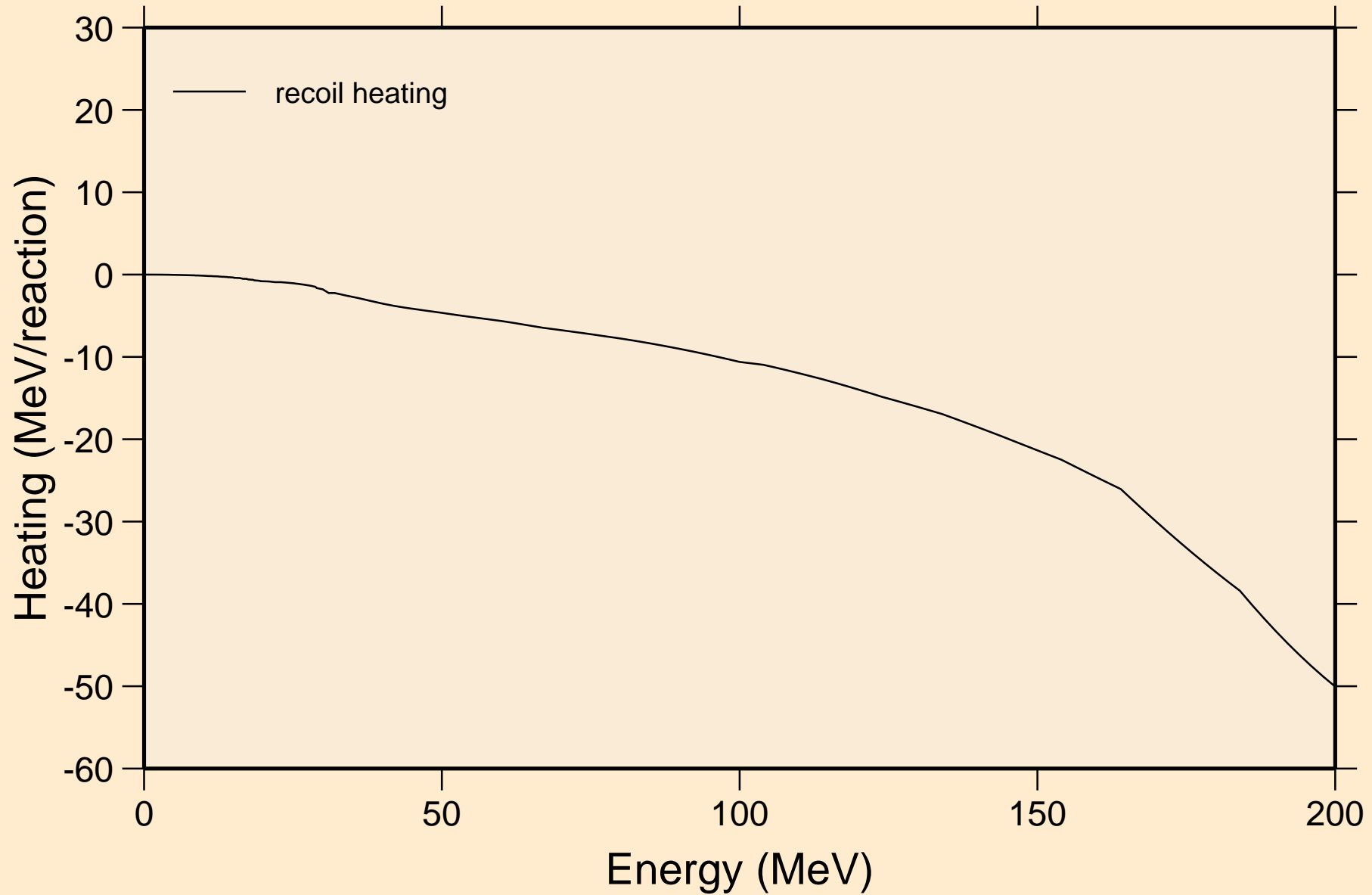
# PO198 NRG TENDL-2015, AKONING

## Particle heating contributions

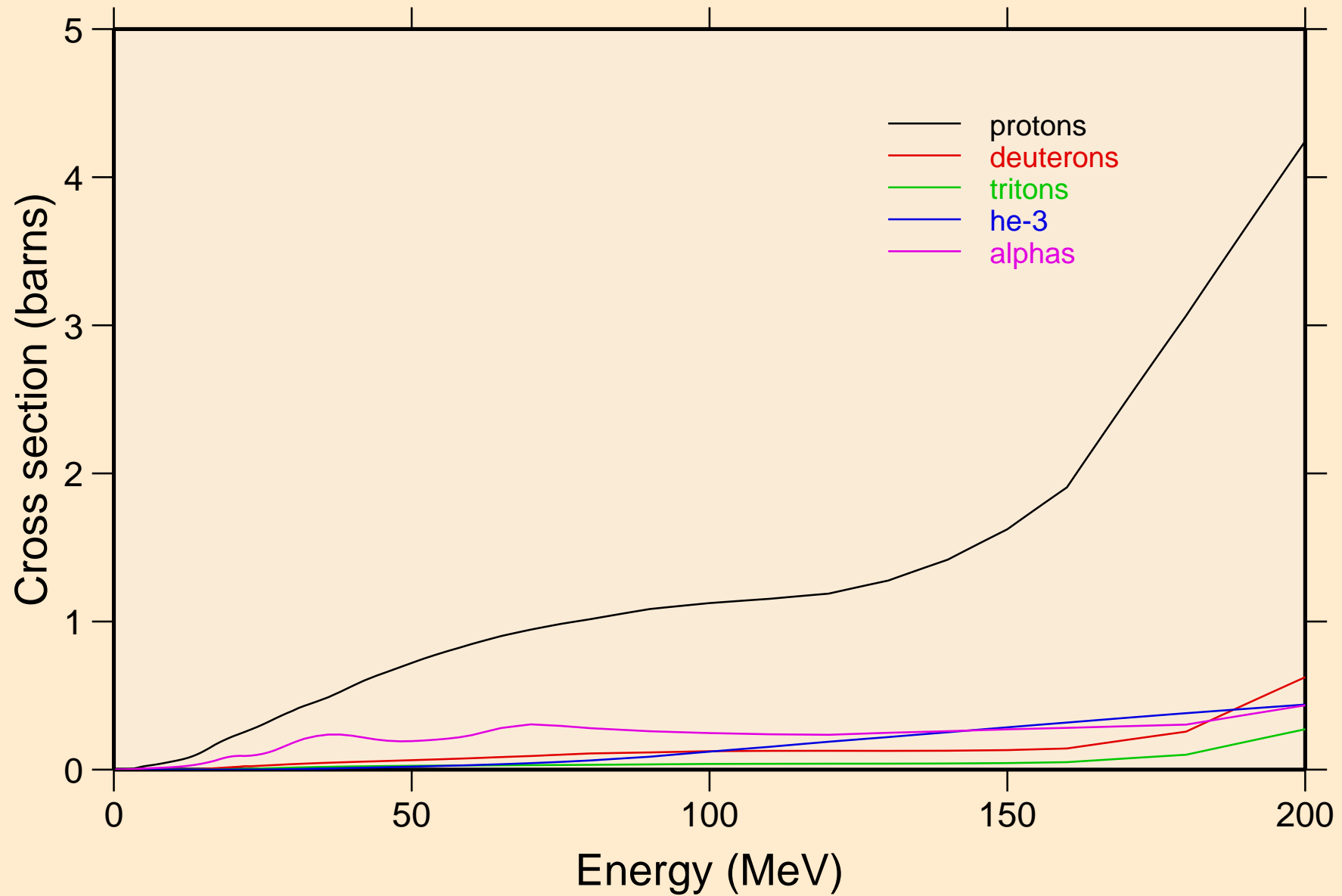


# PO198 NRG TENDL-2015, AKONING

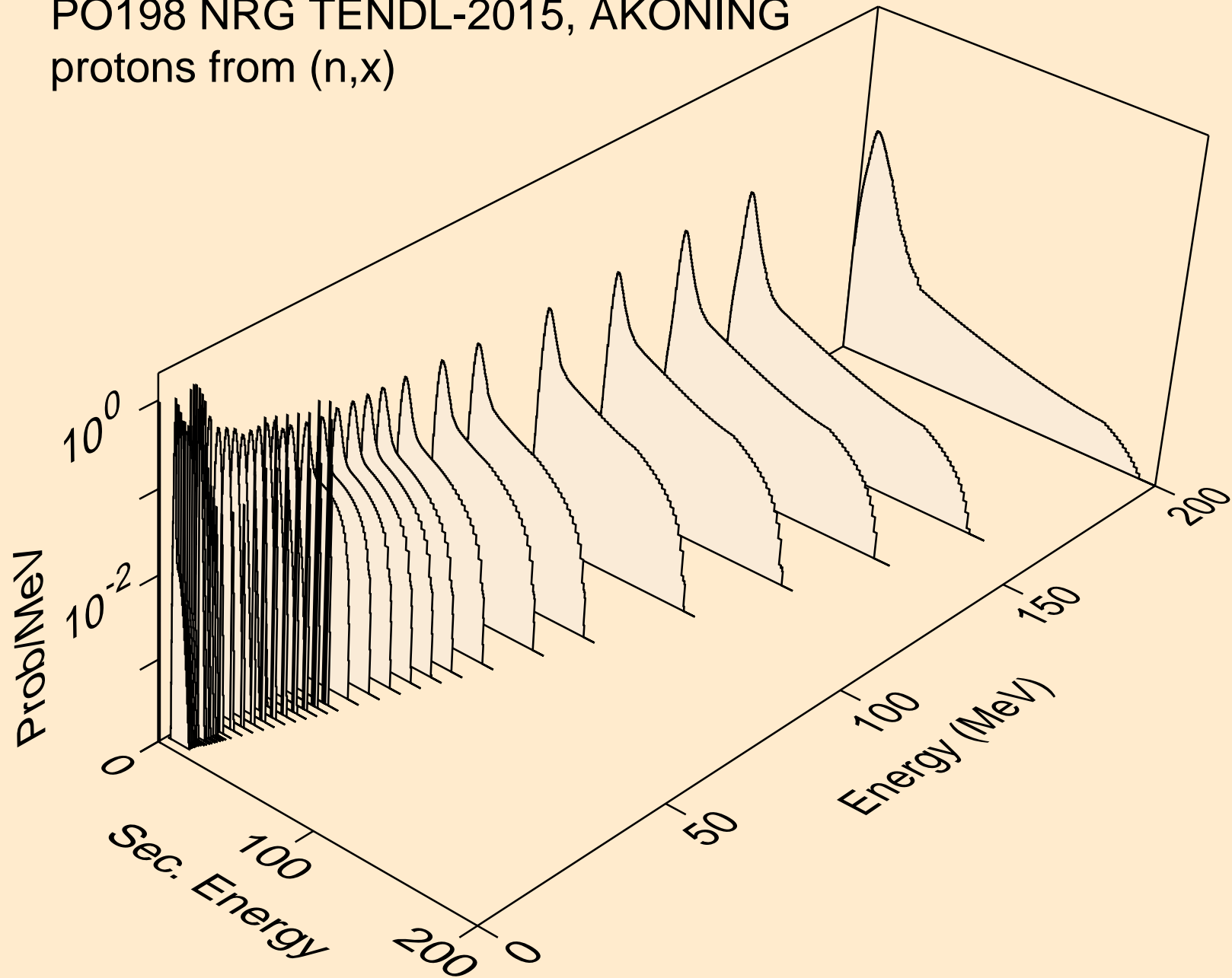
## Recoil Heating



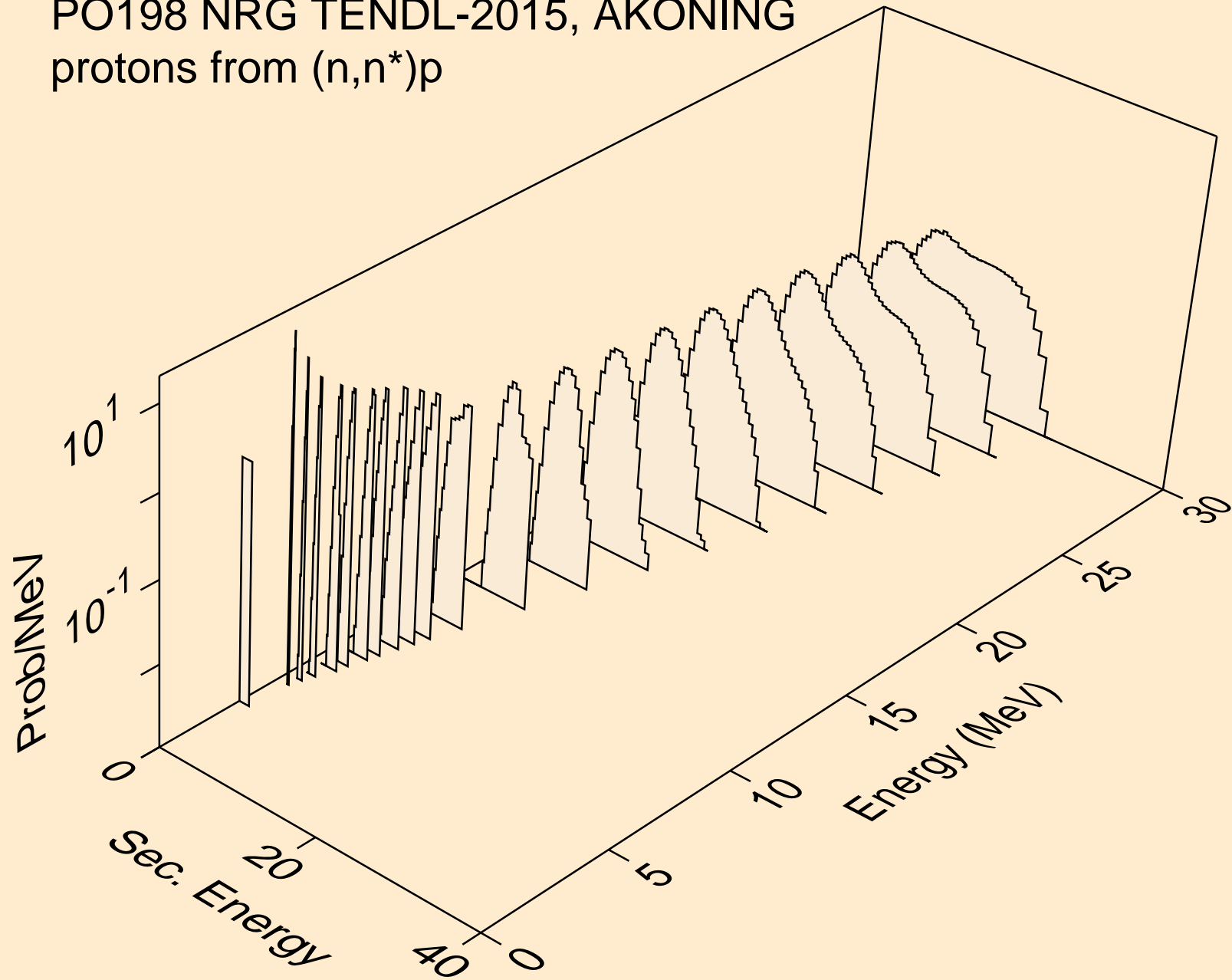
PO198 NRG TENDL-2015, AKONING  
Particle production cross sections



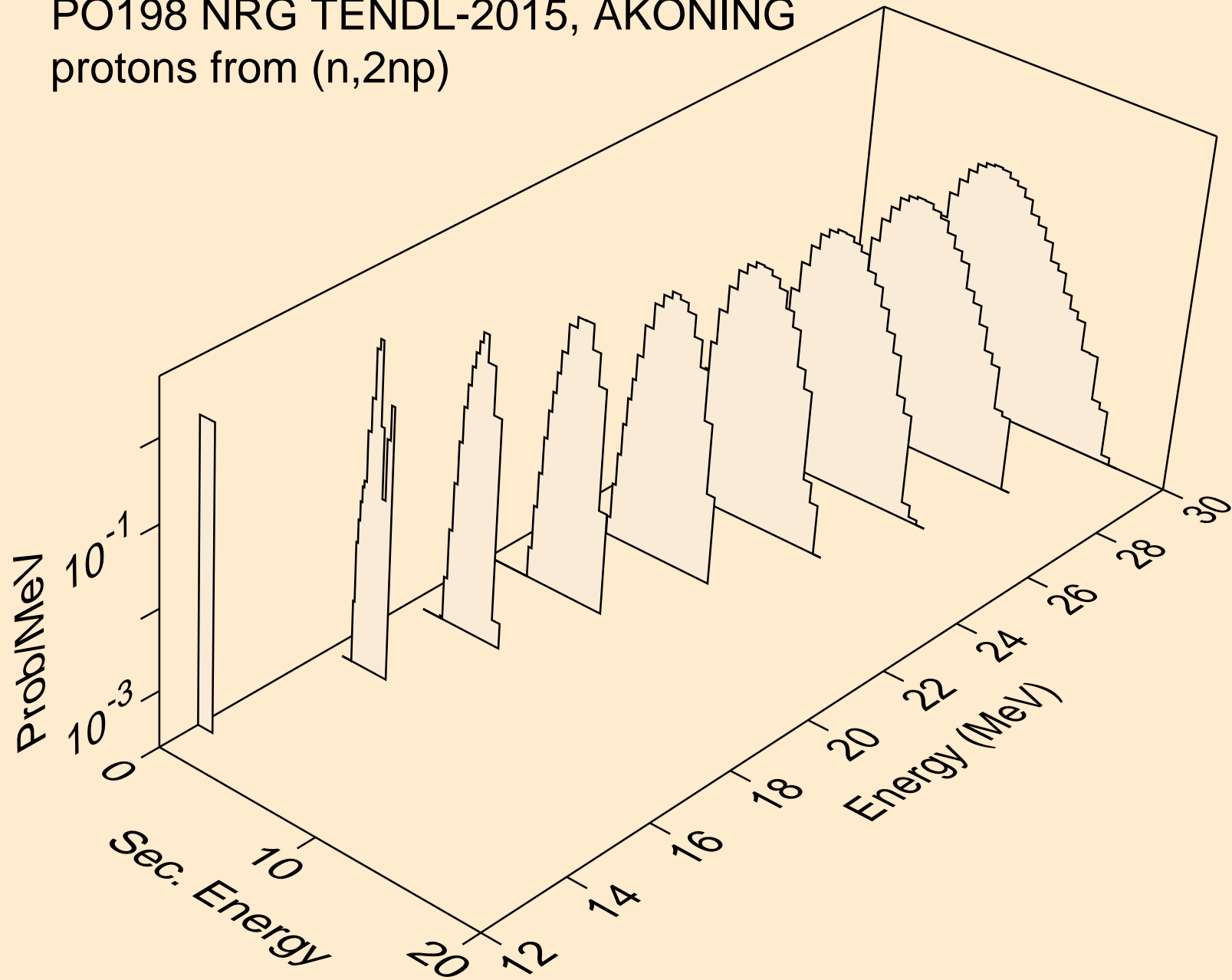
PO198 NRG TENDL-2015, AKONING  
protons from (n,x)



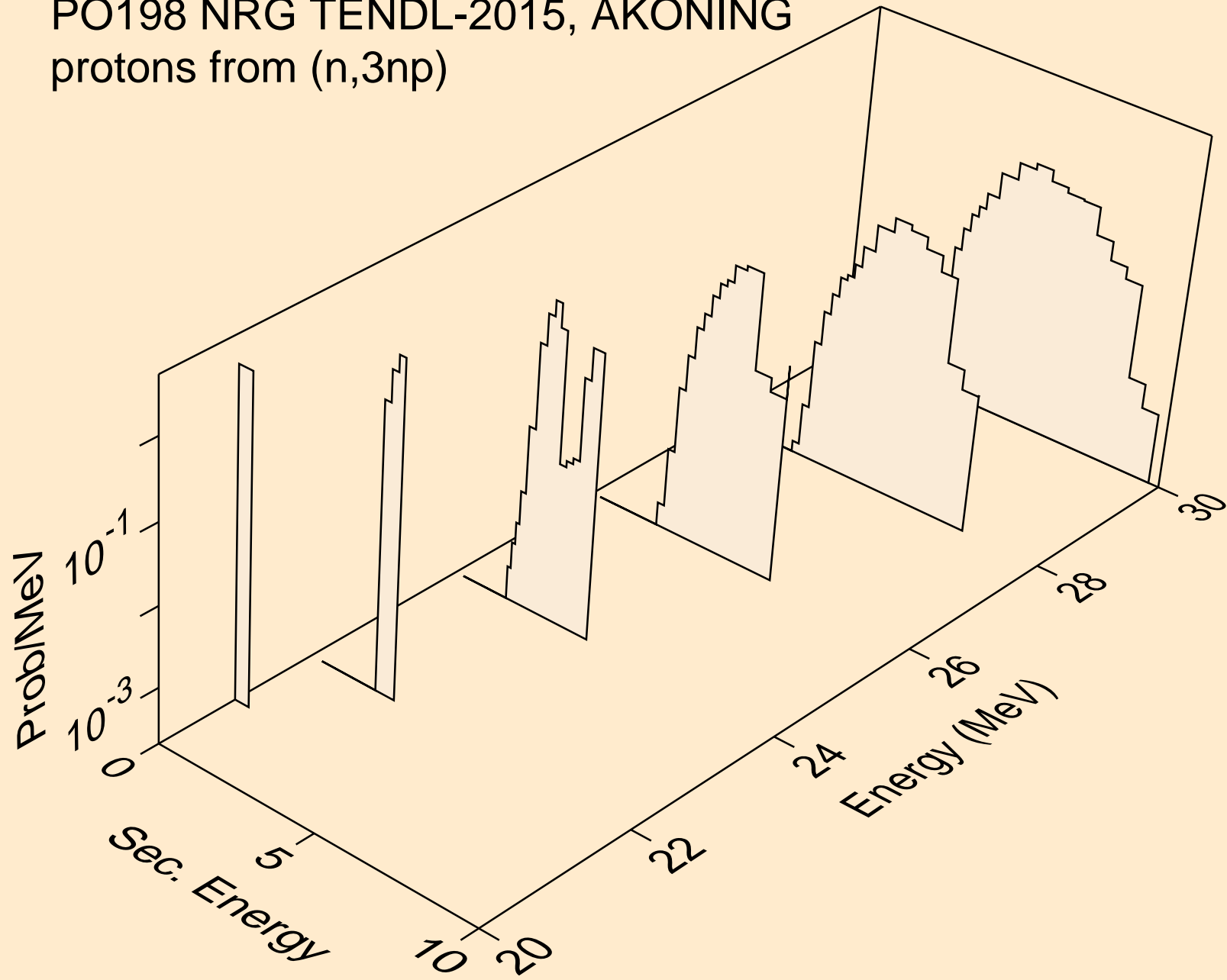
PO198 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



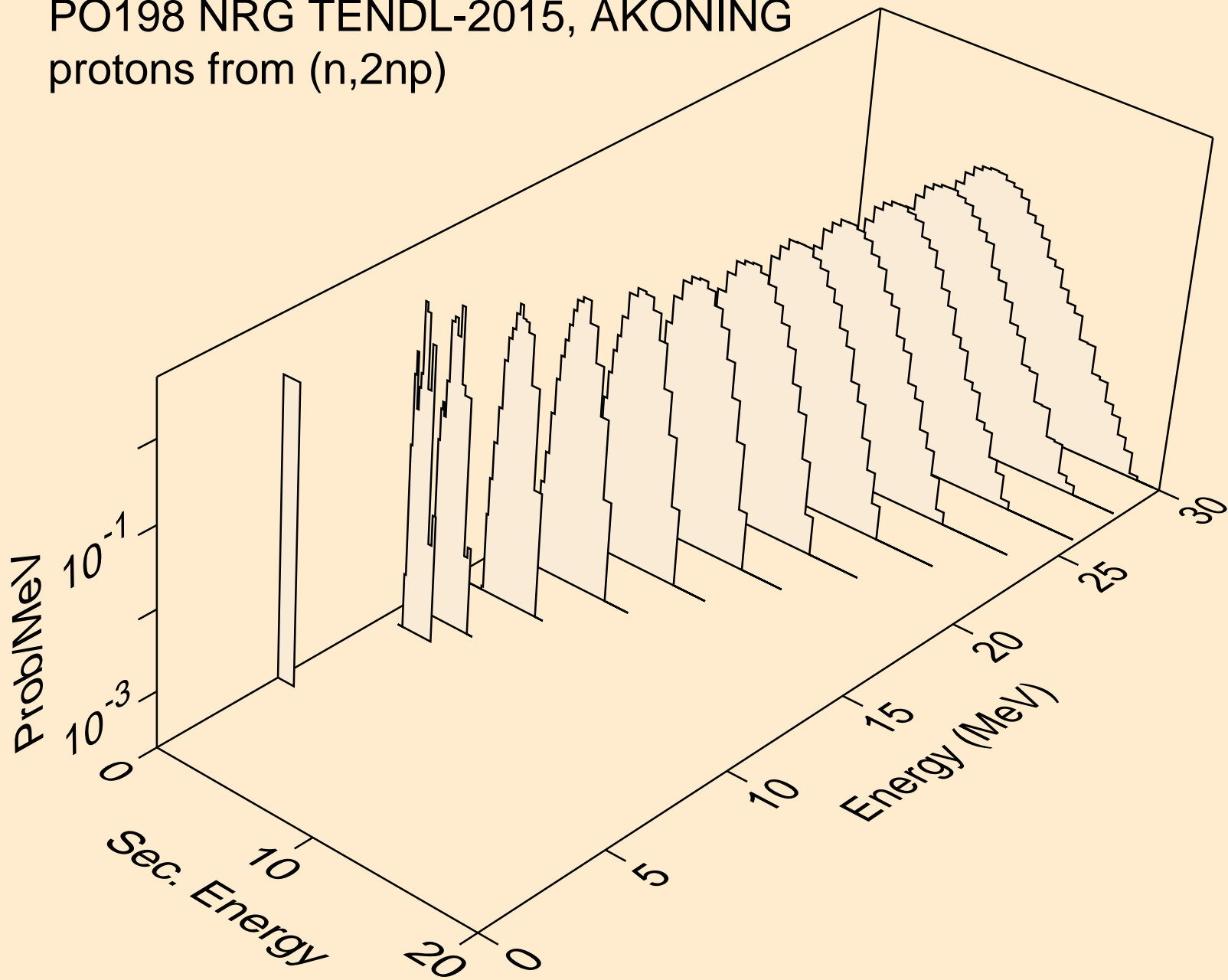
PO198 NRG TENDL-2015, AKONING  
protons from (n,2np)



PO198 NRG TENDL-2015, AKONING  
protons from (n,3np)

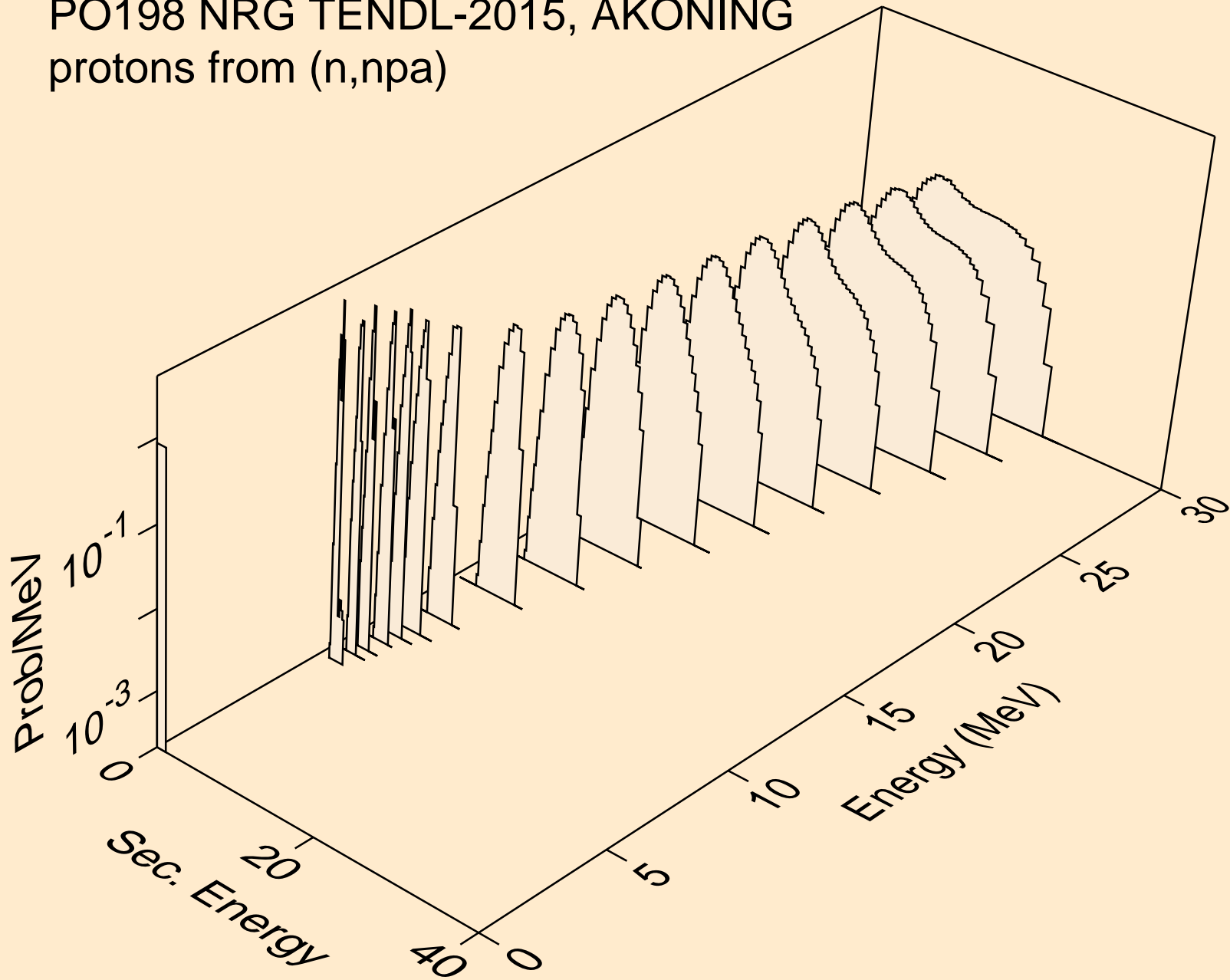


PO198 NRG TENDL-2015, AKONING  
protons from (n,2np)

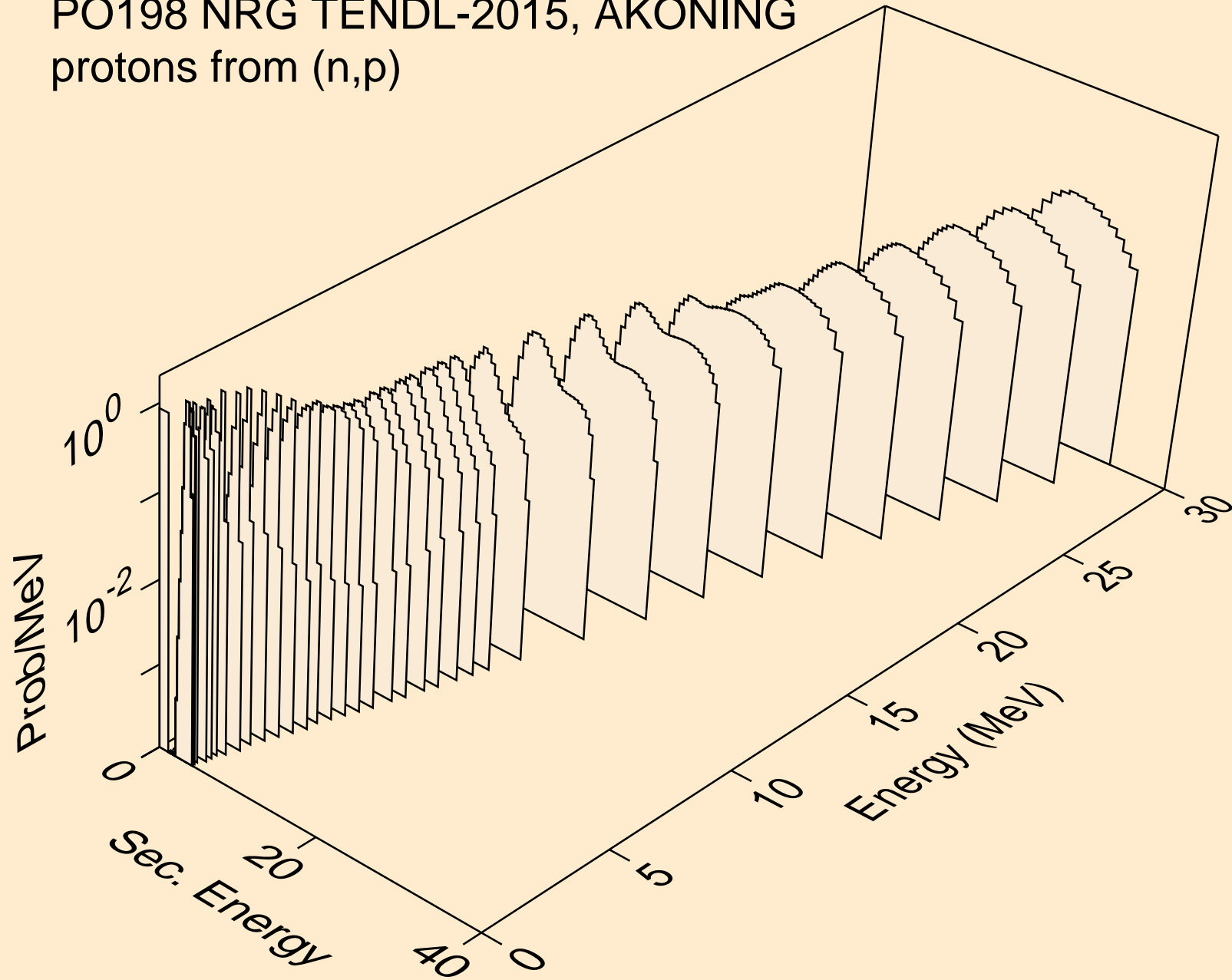




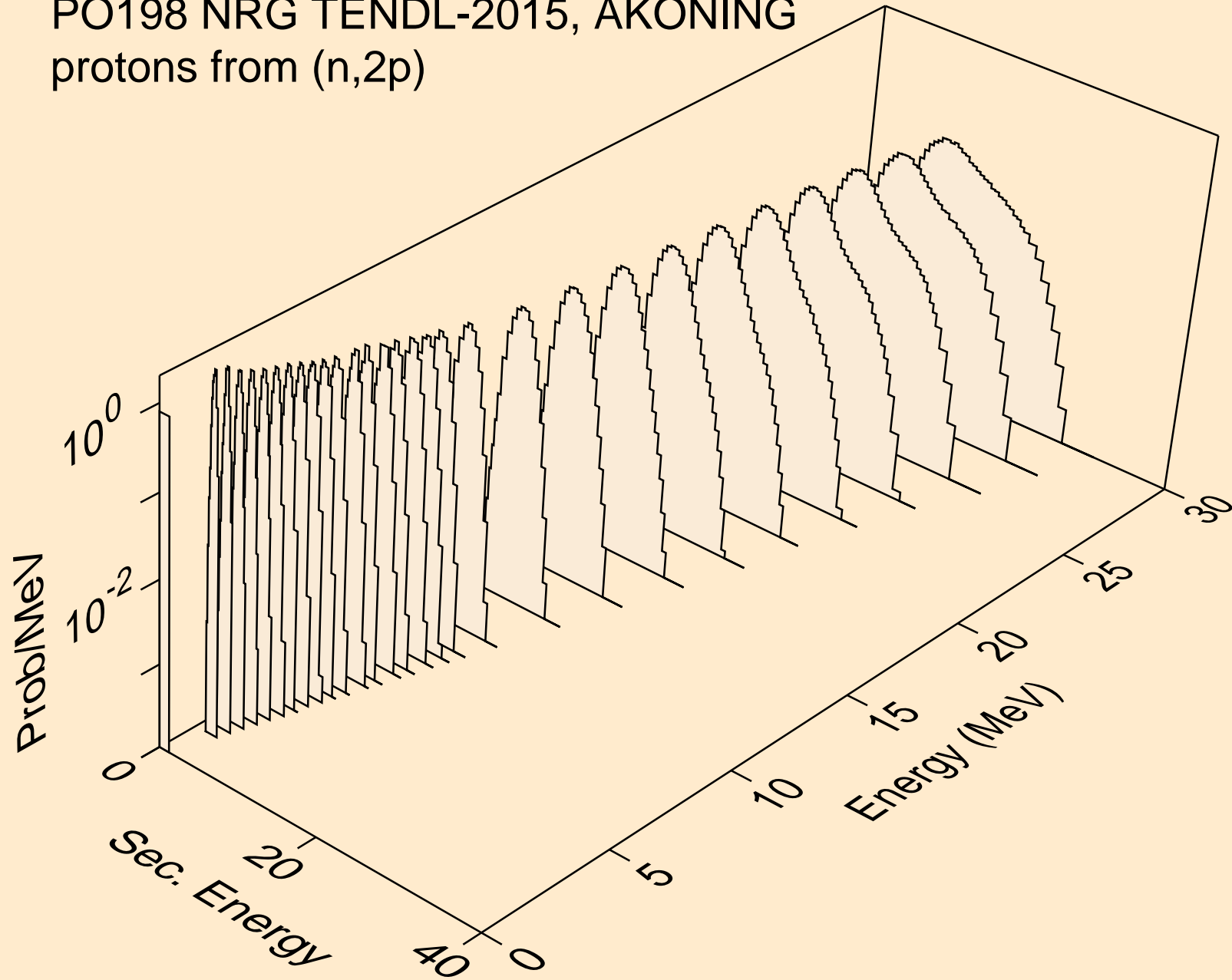
PO198 NRG TENDL-2015, AKONING  
protons from (n,npa)



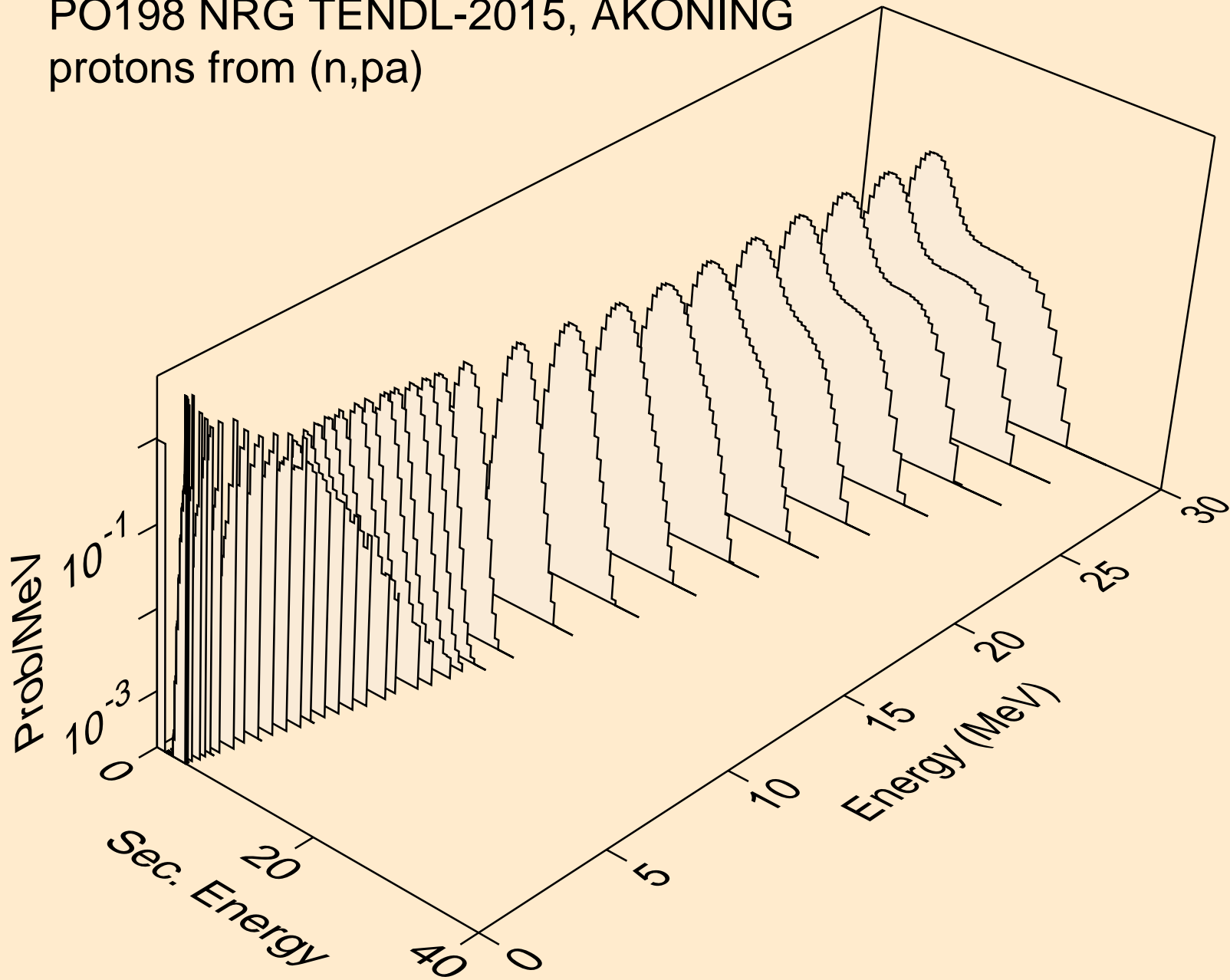
PO198 NRG TENDL-2015, AKONING  
protons from (n,p)



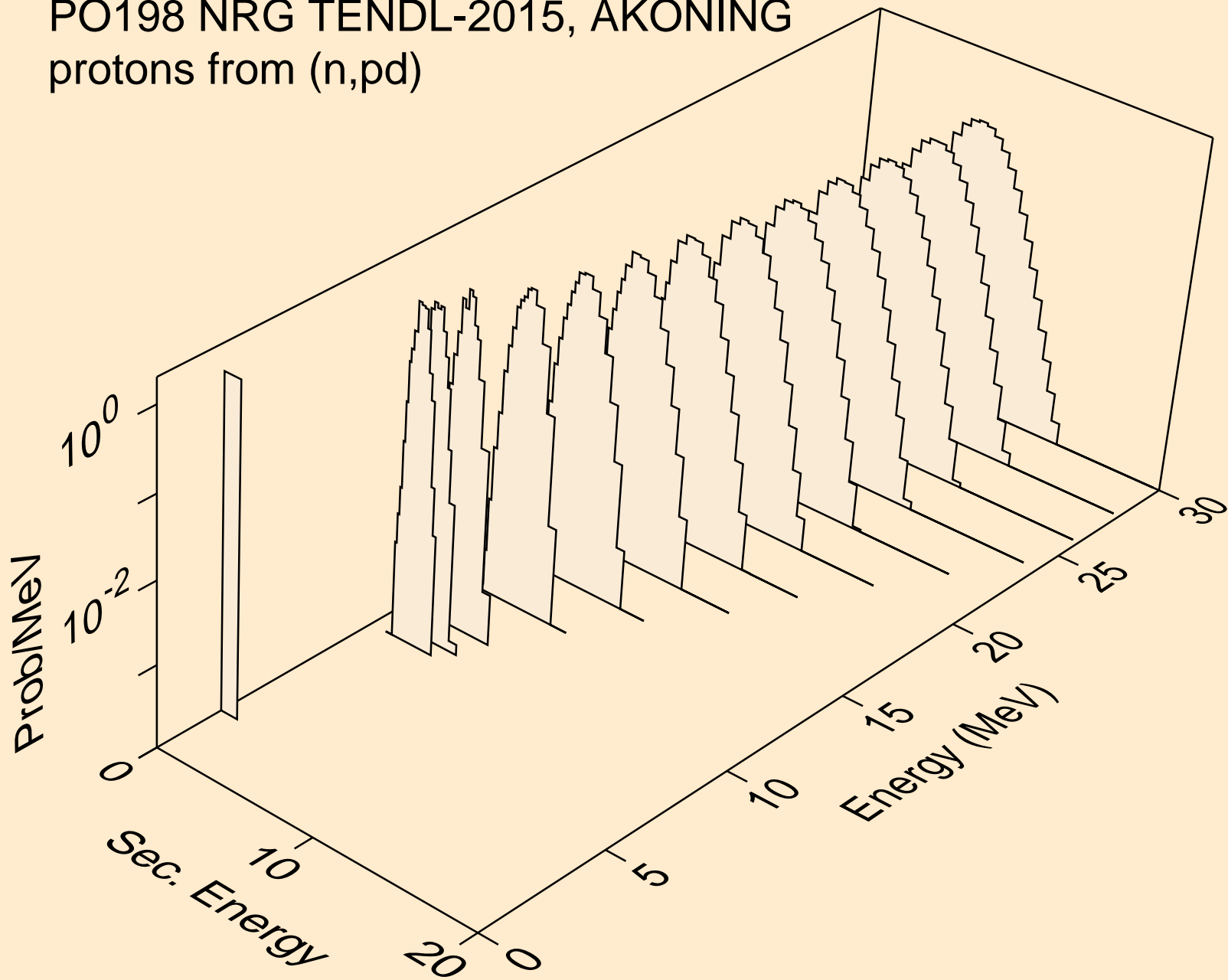
PO198 NRG TENDL-2015, AKONING  
protons from (n,2p)



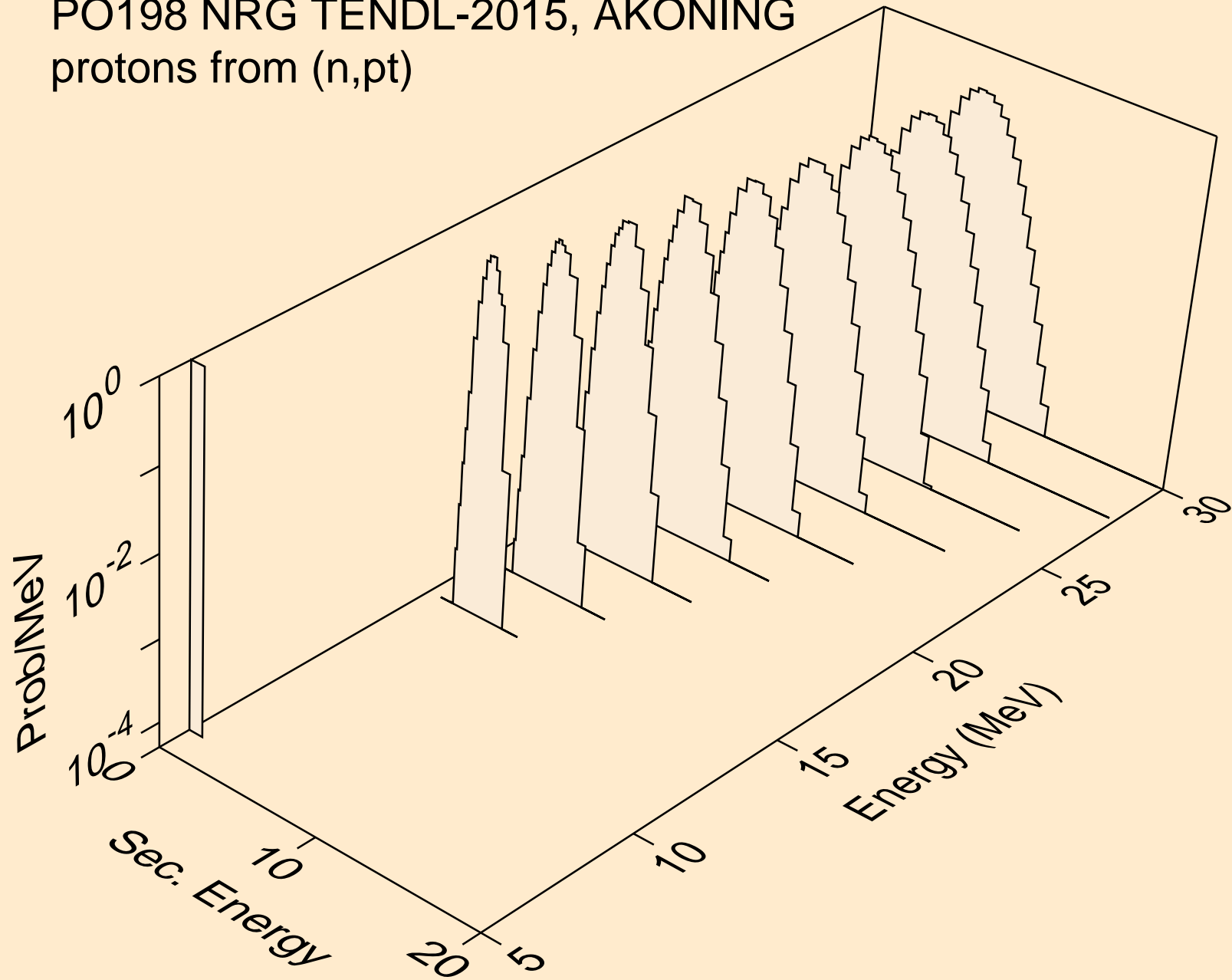
PO198 NRG TENDL-2015, AKONING  
protons from (n,pa)



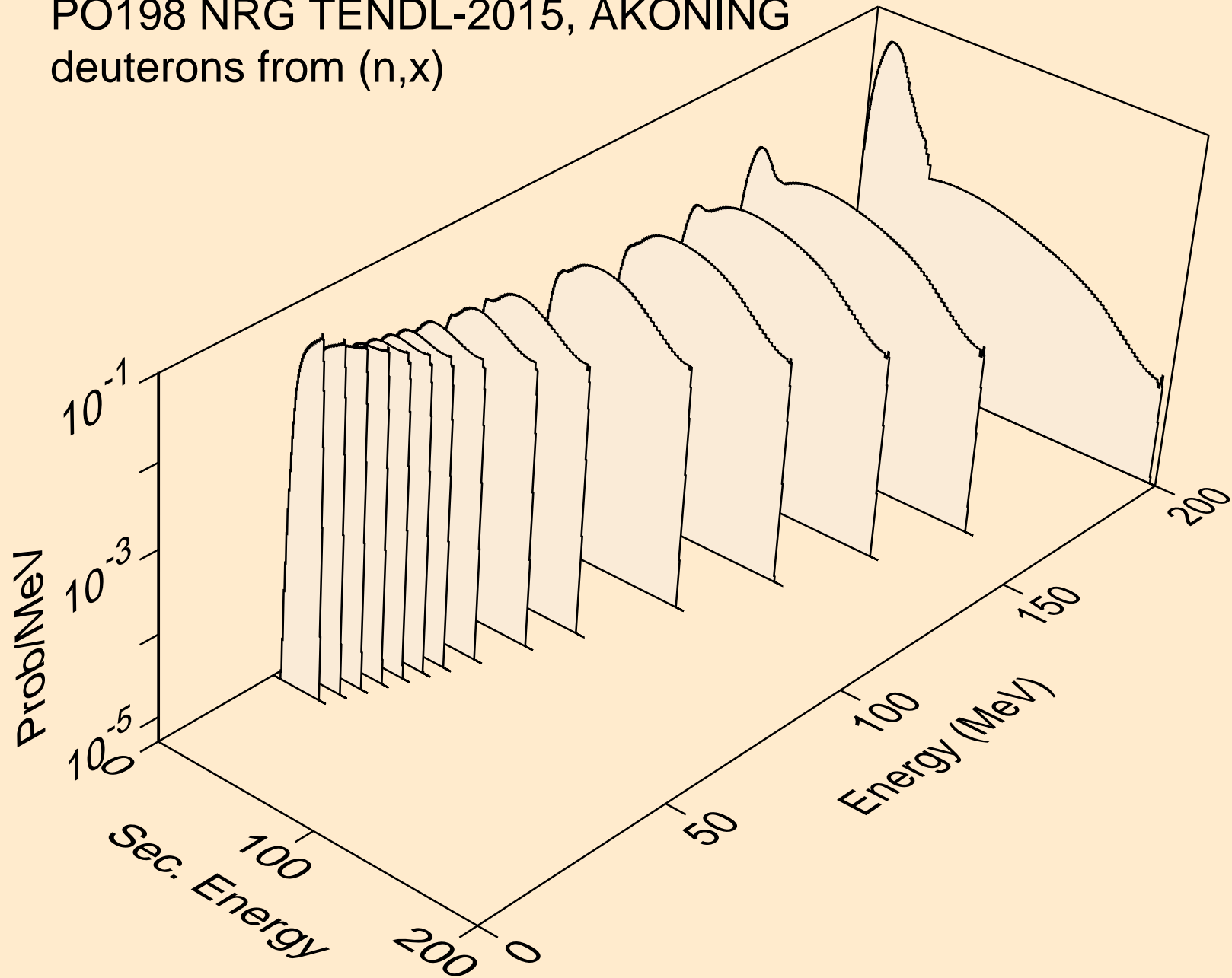
PO198 NRG TENDL-2015, AKONING  
protons from (n,pd)



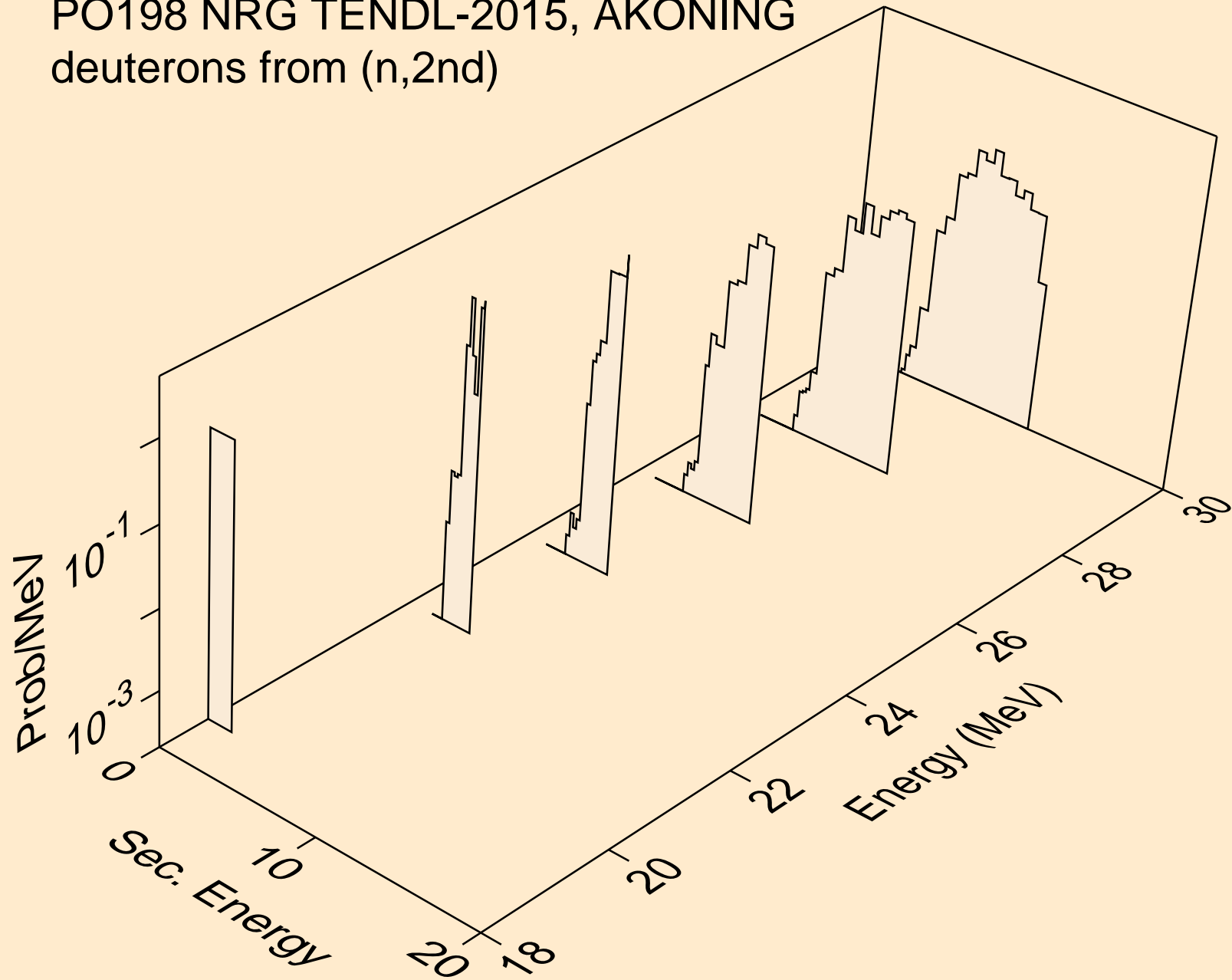
PO198 NRG TENDL-2015, AKONING  
protons from (n,pt)



PO198 NRG TENDL-2015, AKONING  
deuterons from (n,x)

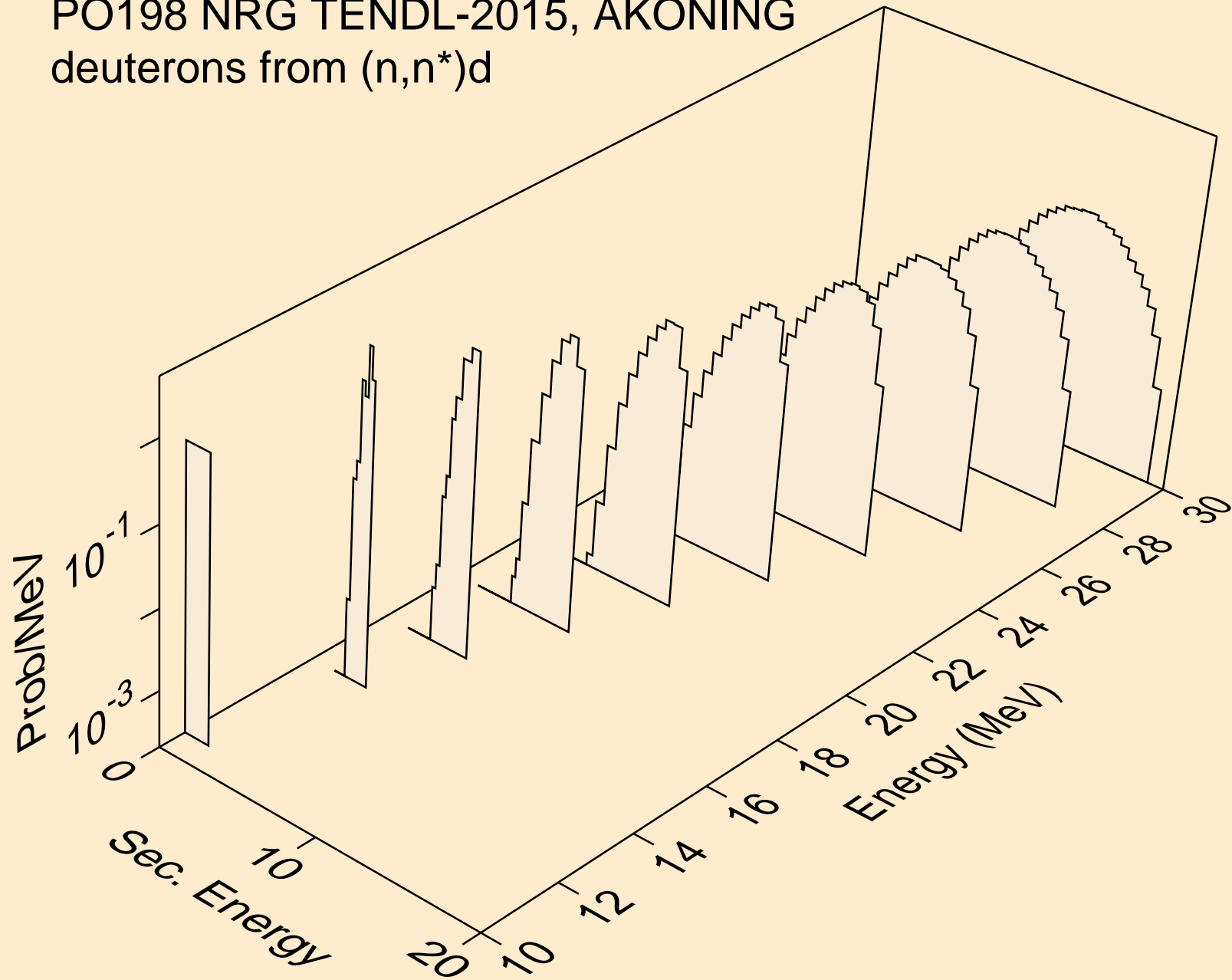


PO198 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

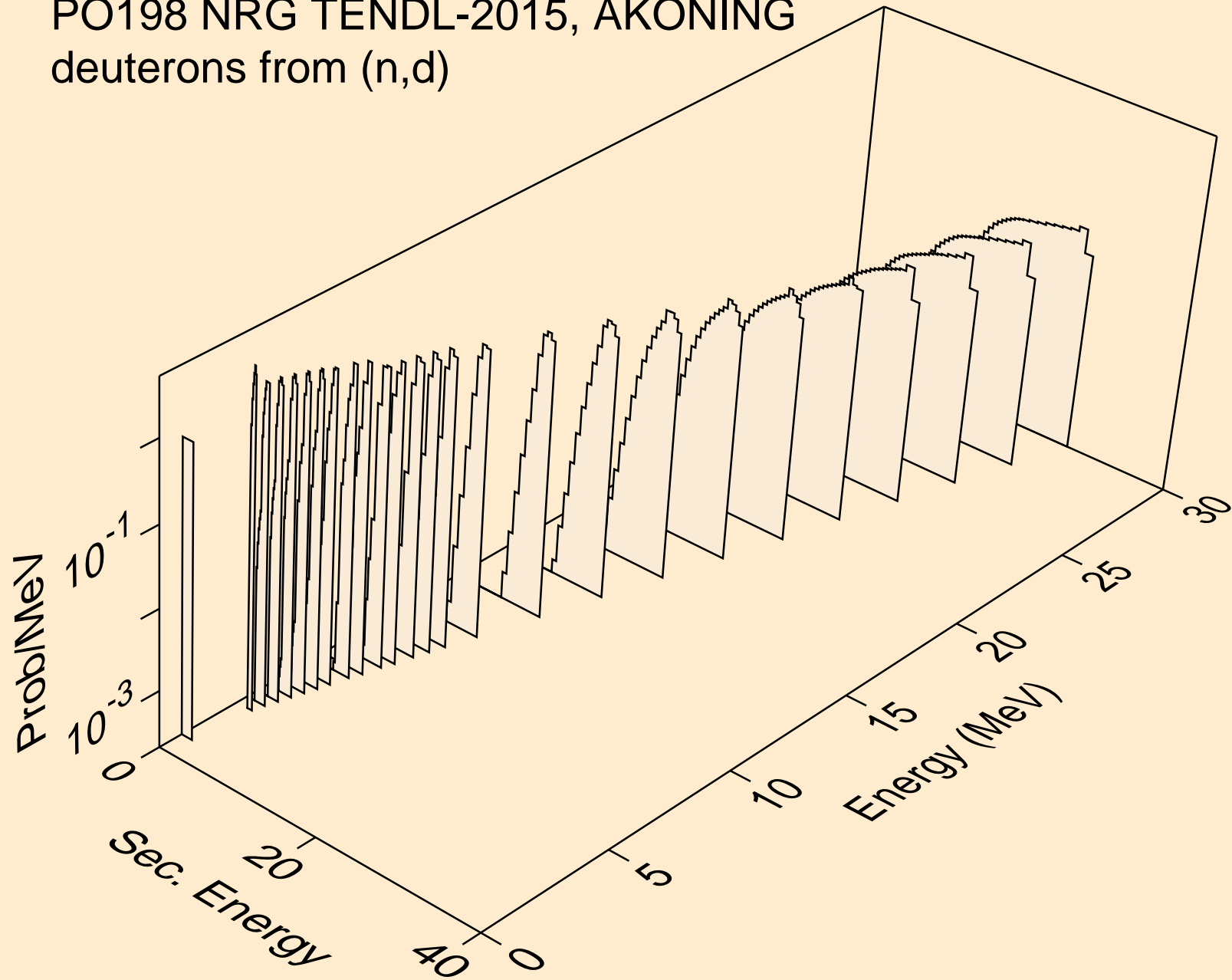




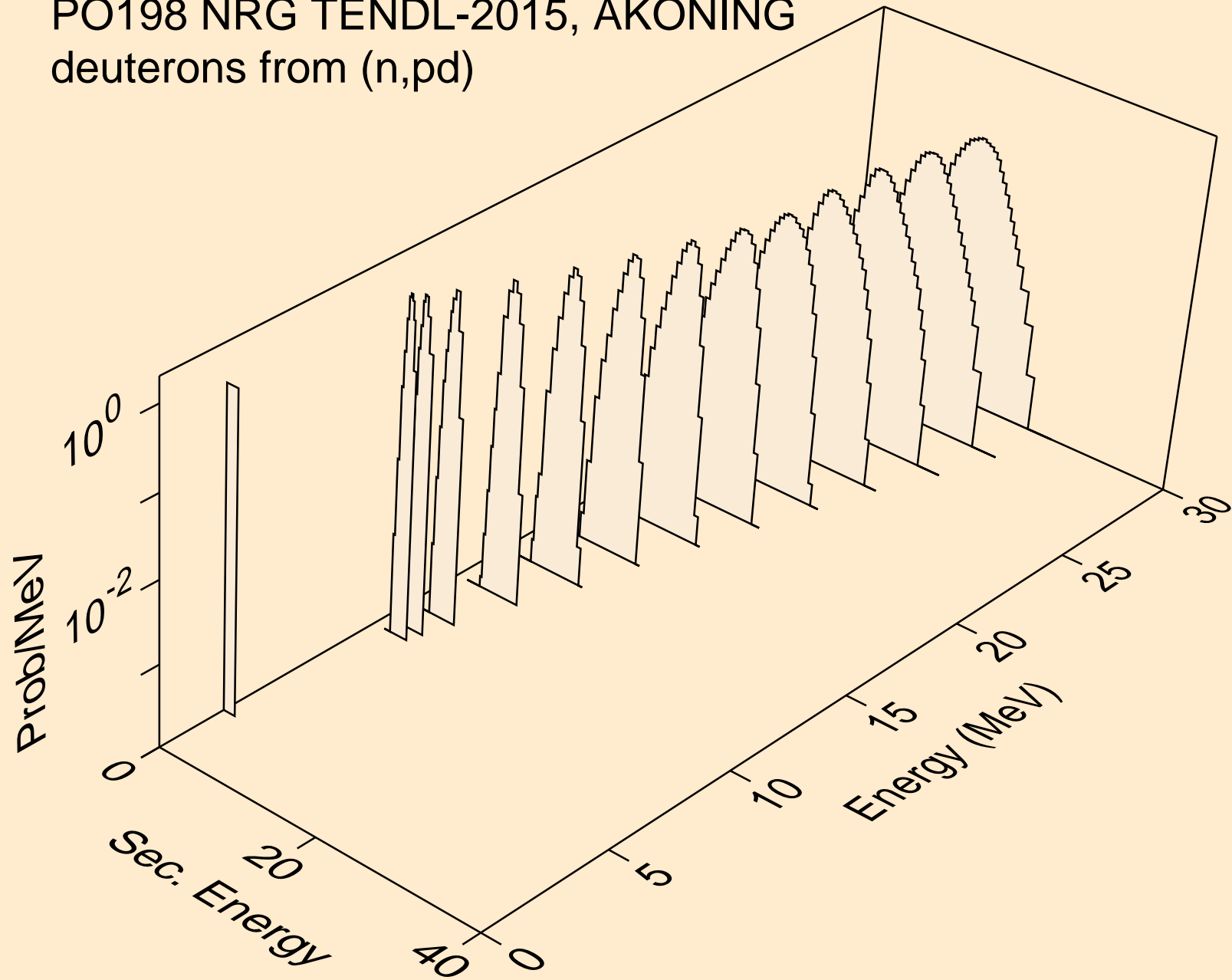
PO198 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



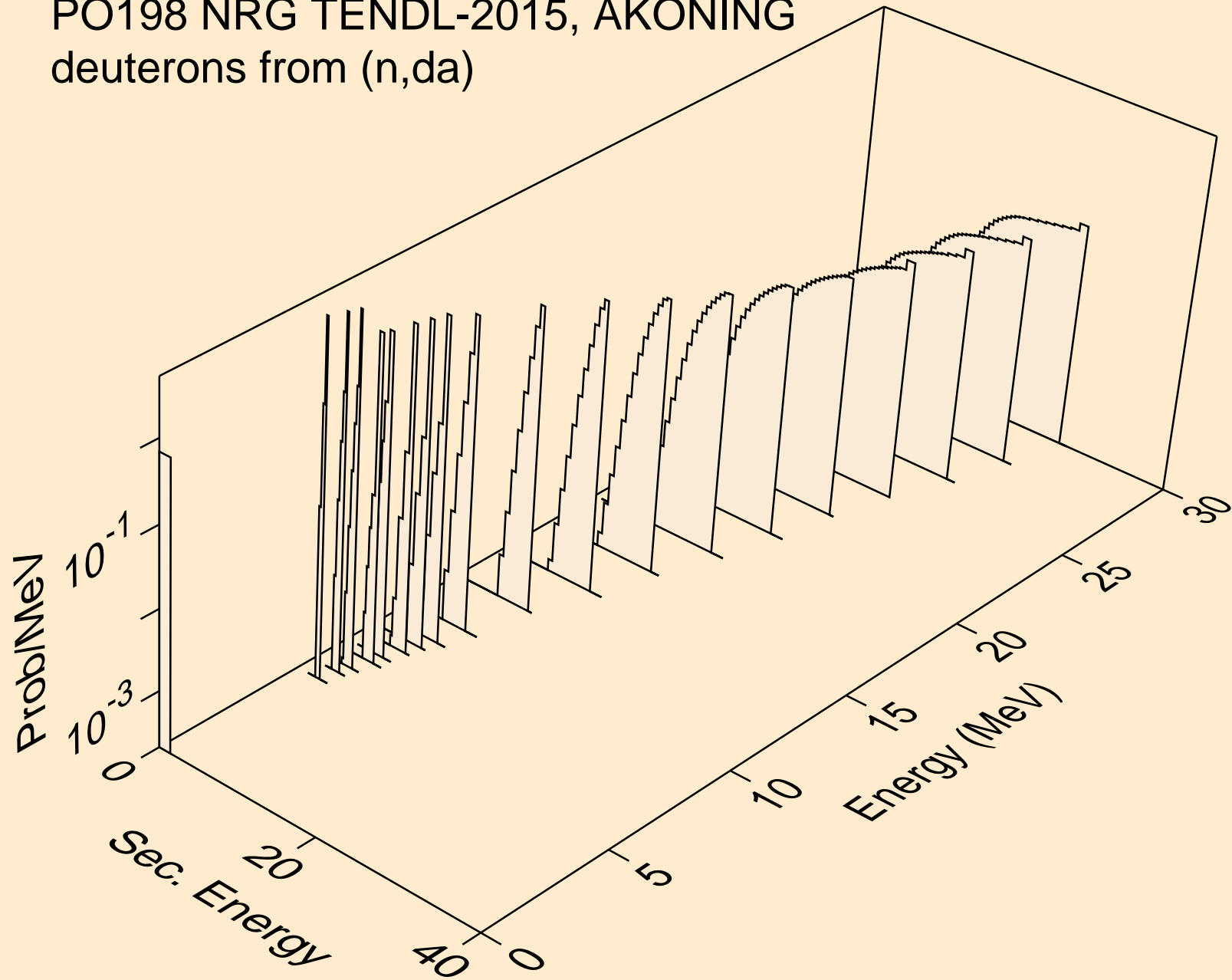
PO198 NRG TENDL-2015, AKONING  
deuterons from (n,d)



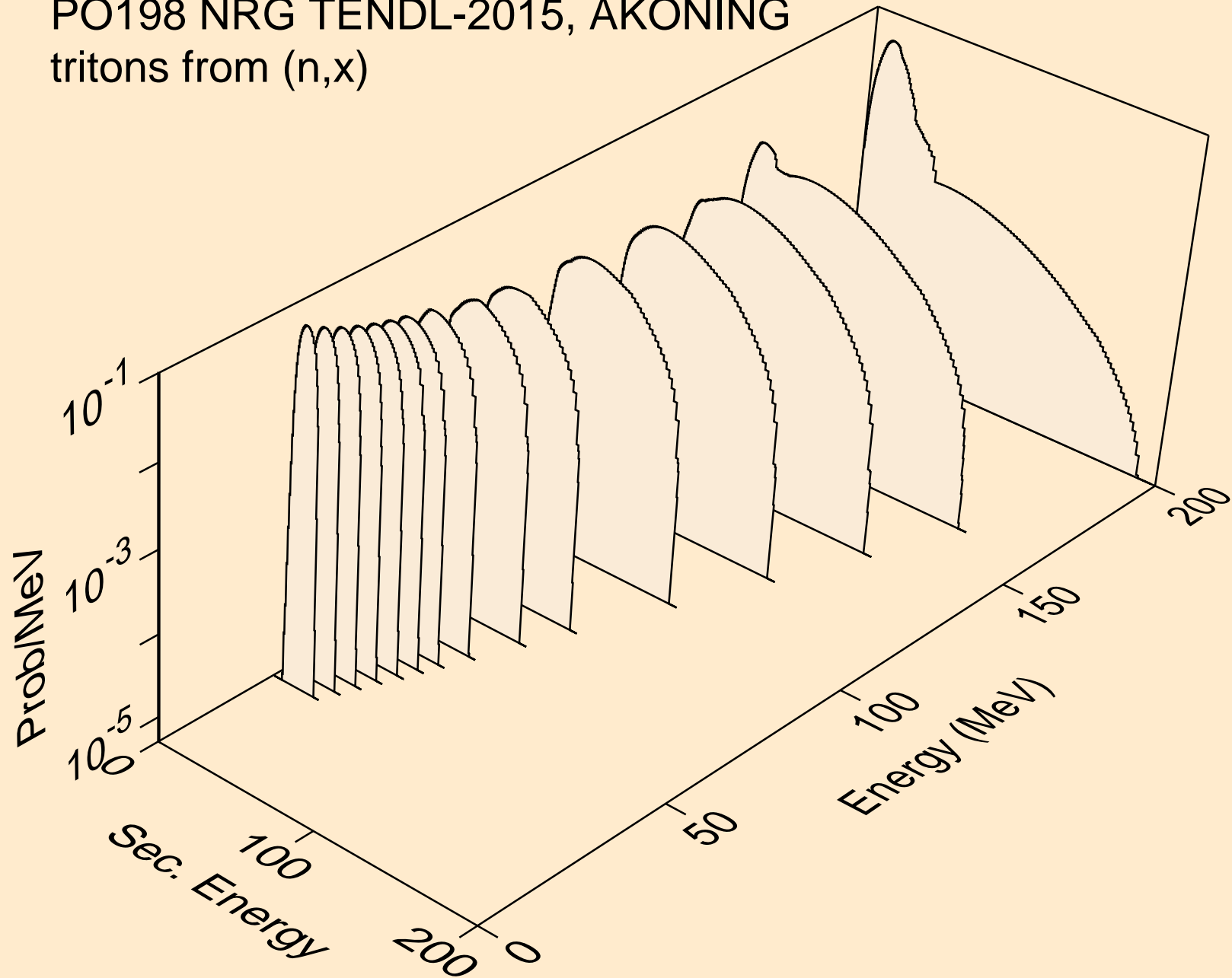
PO198 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



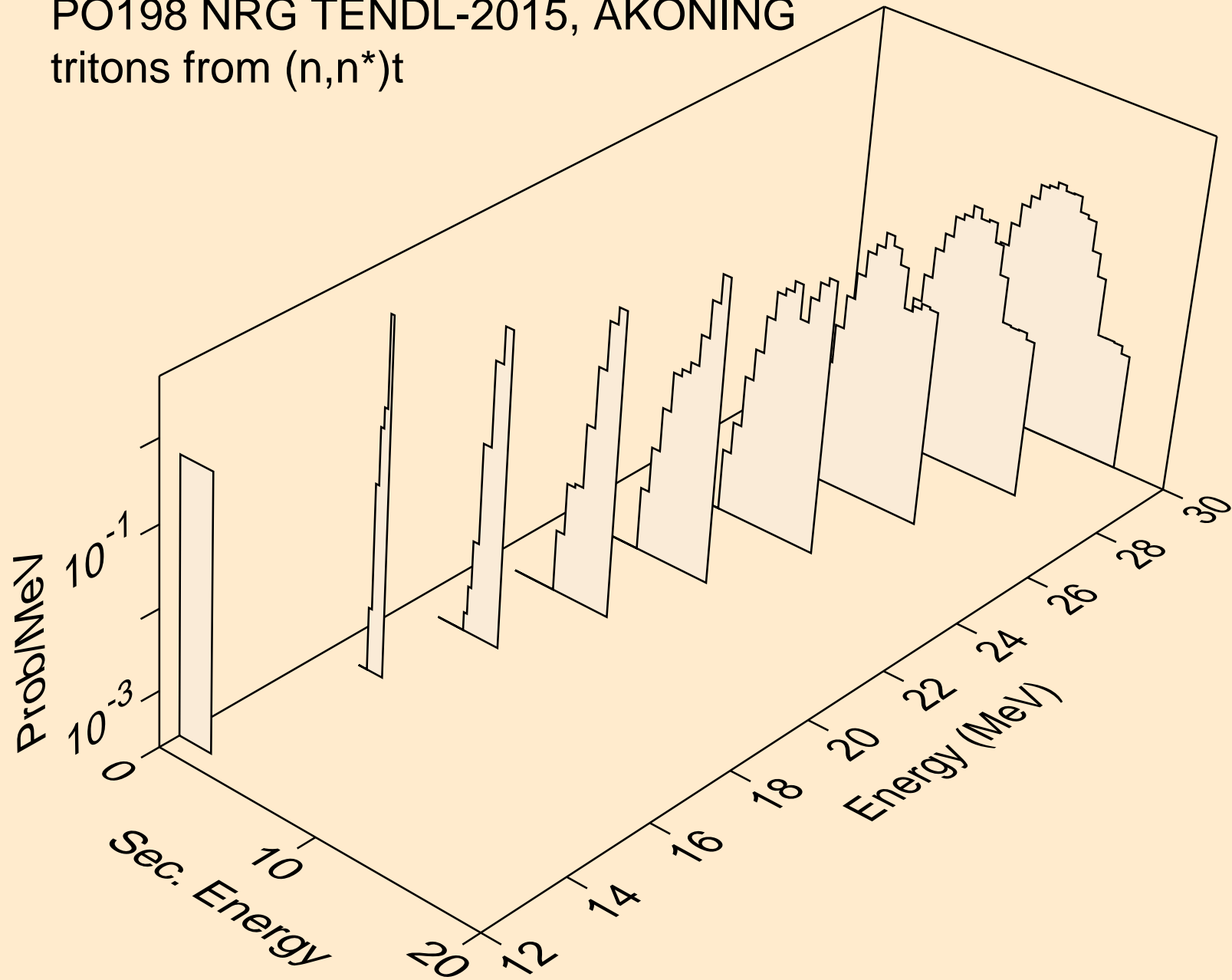
PO198 NRG TENDL-2015, AKONING  
deuterons from (n,da)



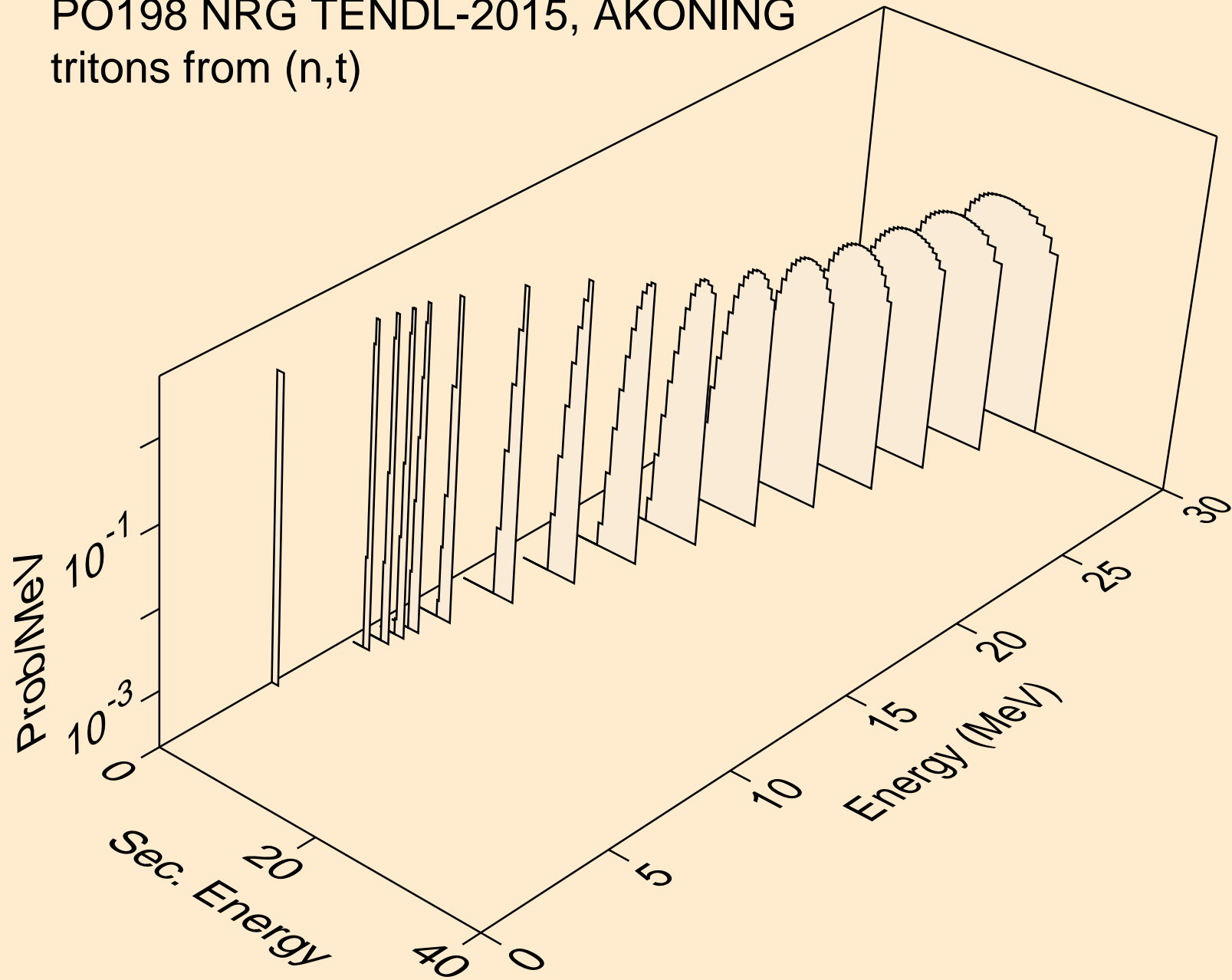
PO198 NRG TENDL-2015, AKONING  
tritons from (n,x)



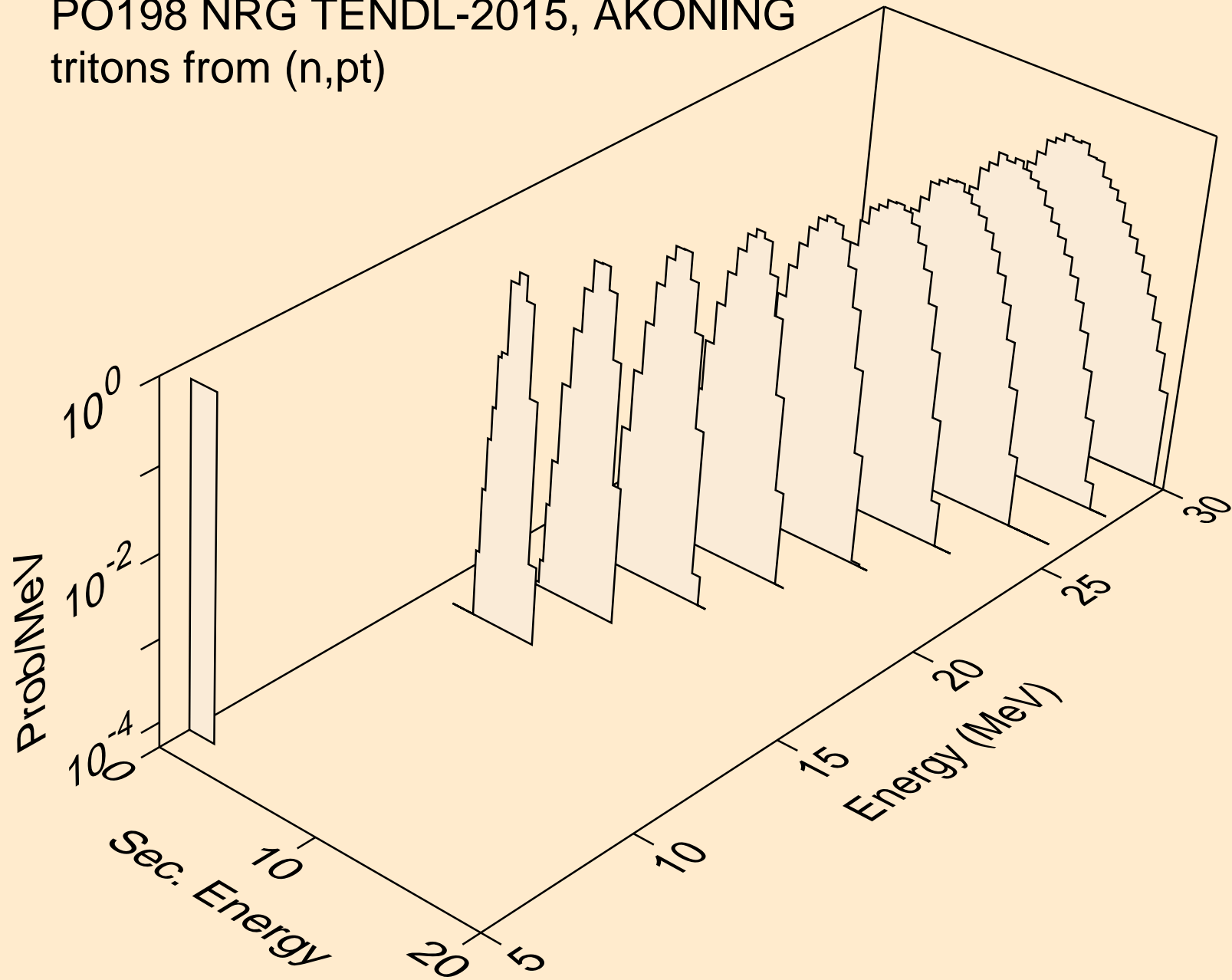
PO198 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



PO198 NRG TENDL-2015, AKONING  
tritons from (n,t)

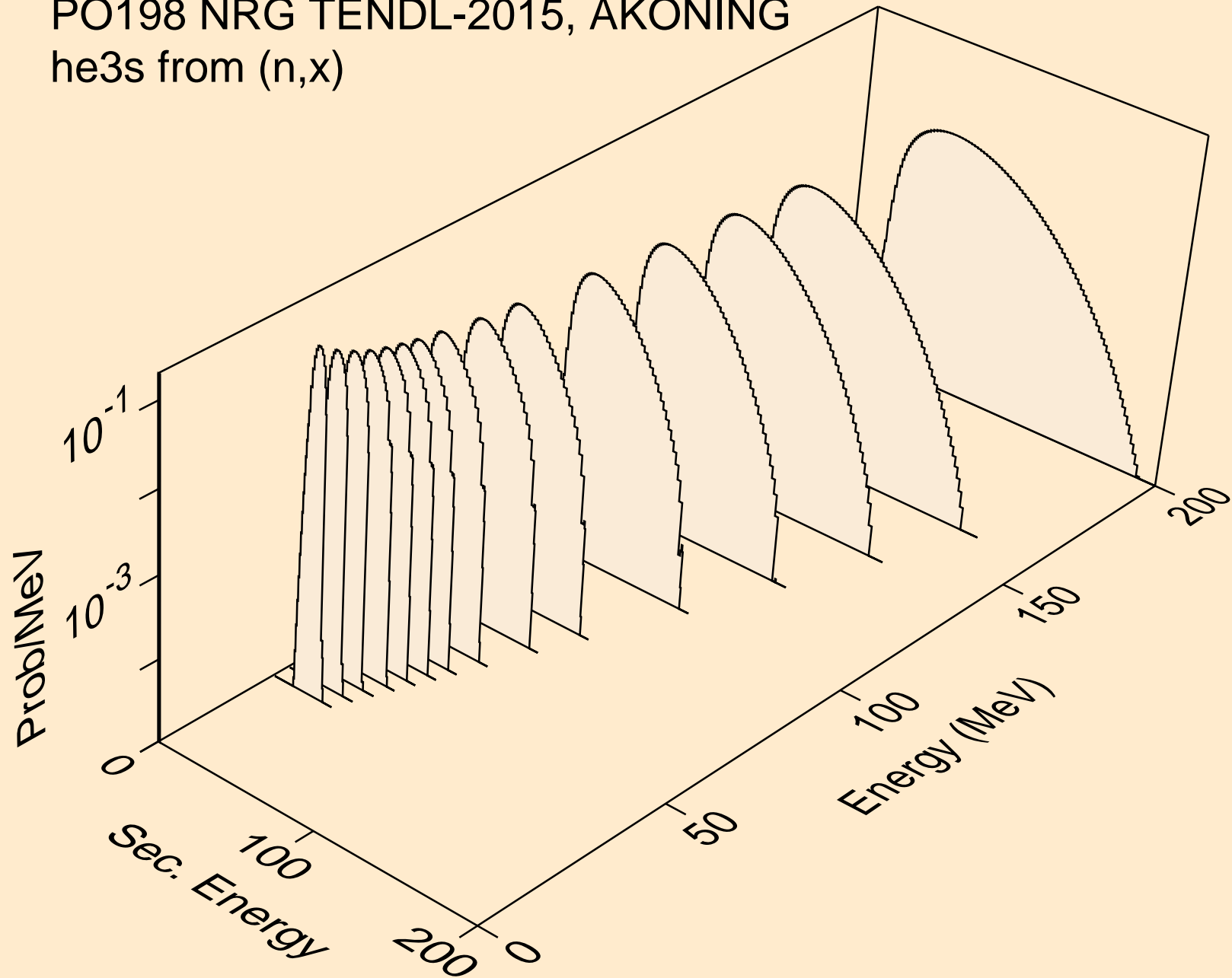


PO198 NRG TENDL-2015, AKONING  
tritons from (n,pt)

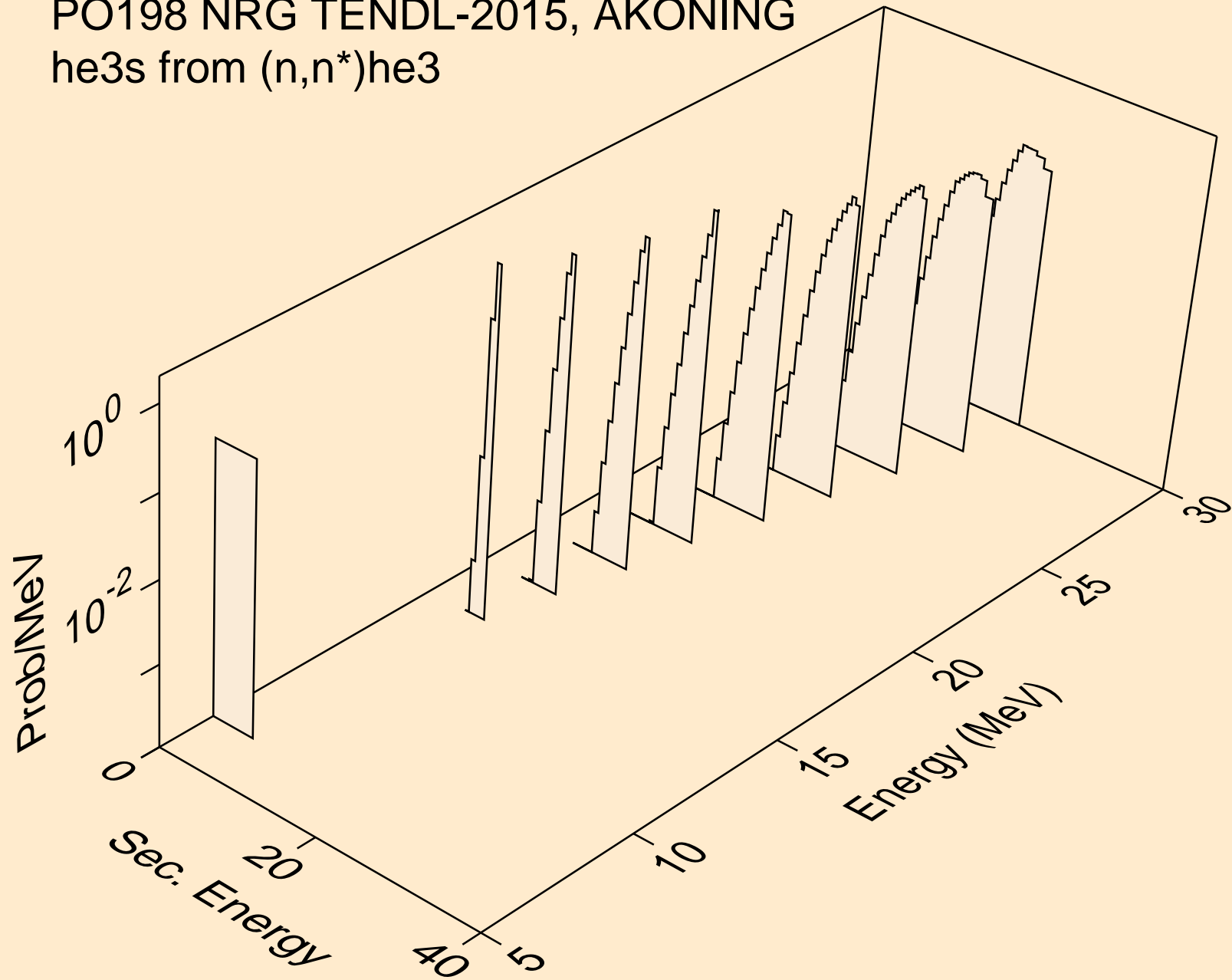




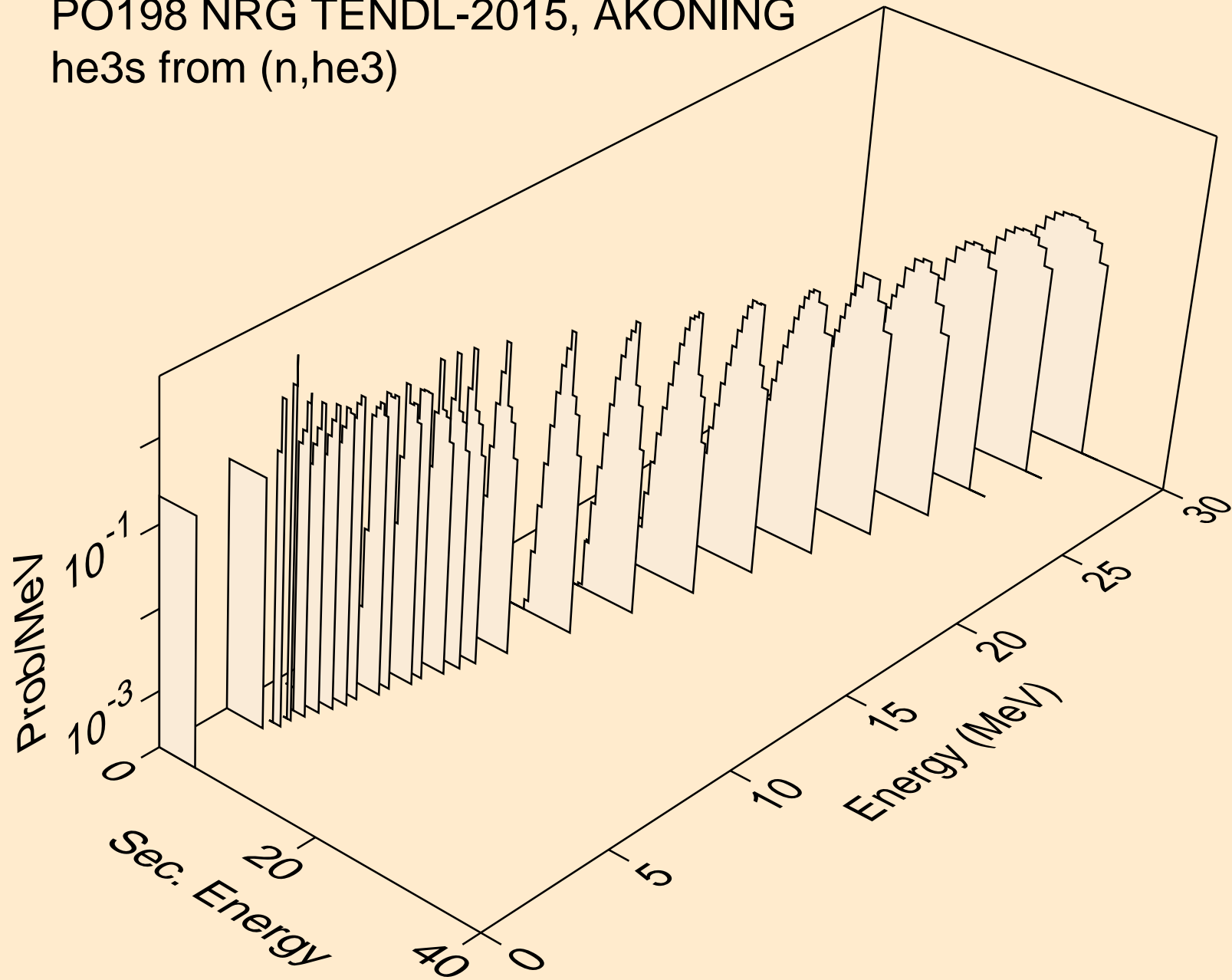
PO198 NRG TENDL-2015, AKONING  
he3s from (n,x)



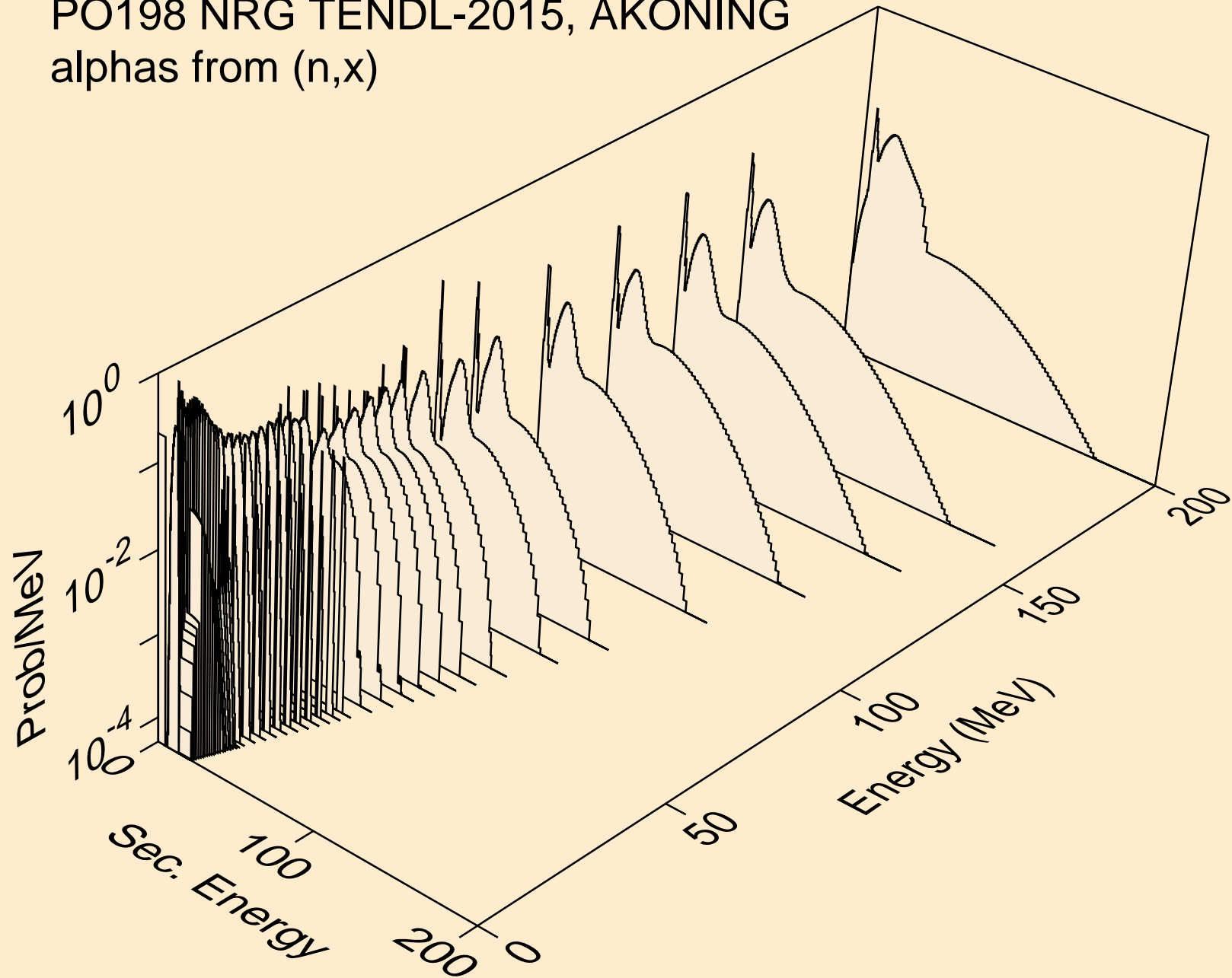
PO198 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



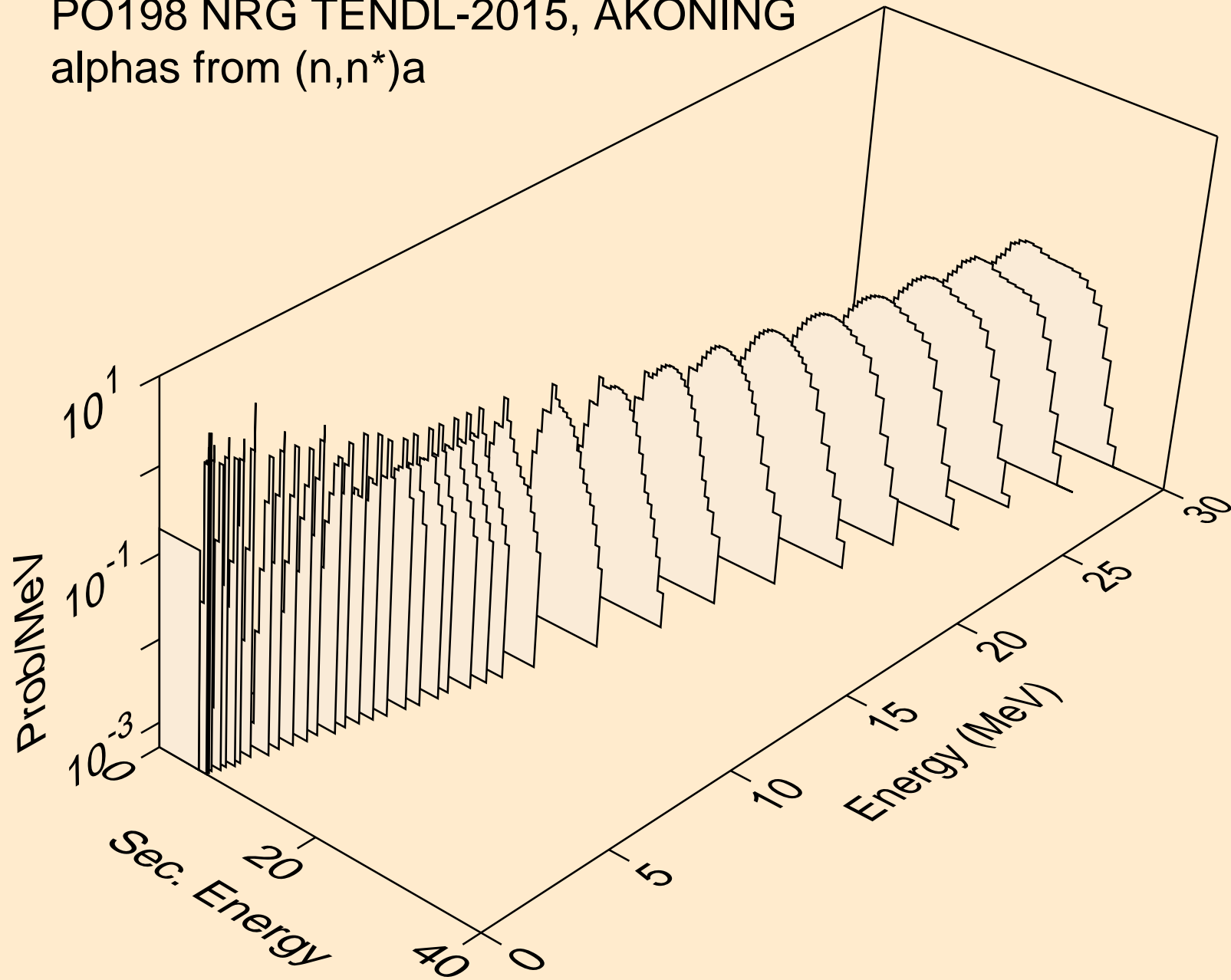
PO198 NRG TENDL-2015, AKONING  
he3s from (n,he3)



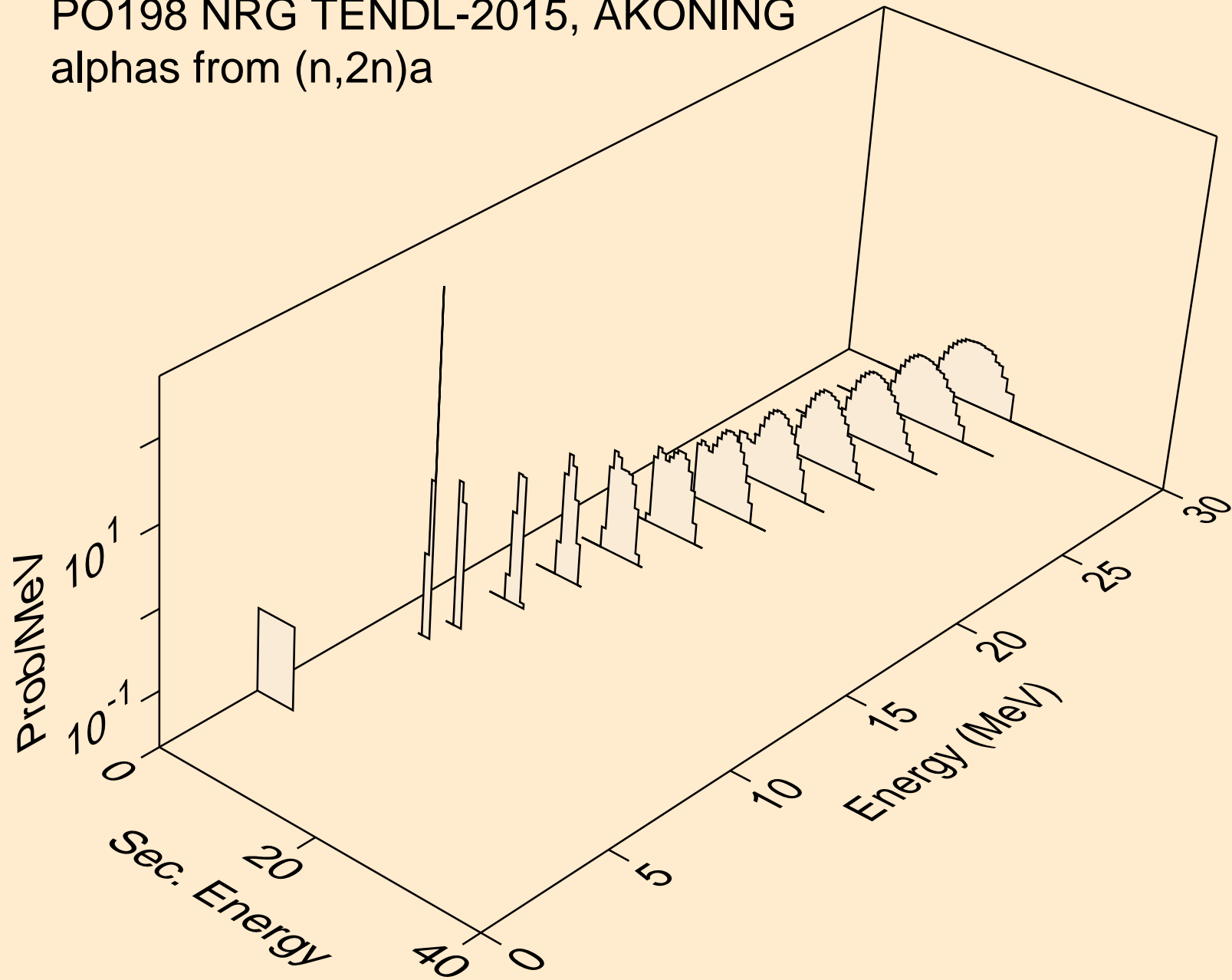
PO198 NRG TENDL-2015, AKONING  
alphas from (n,x)



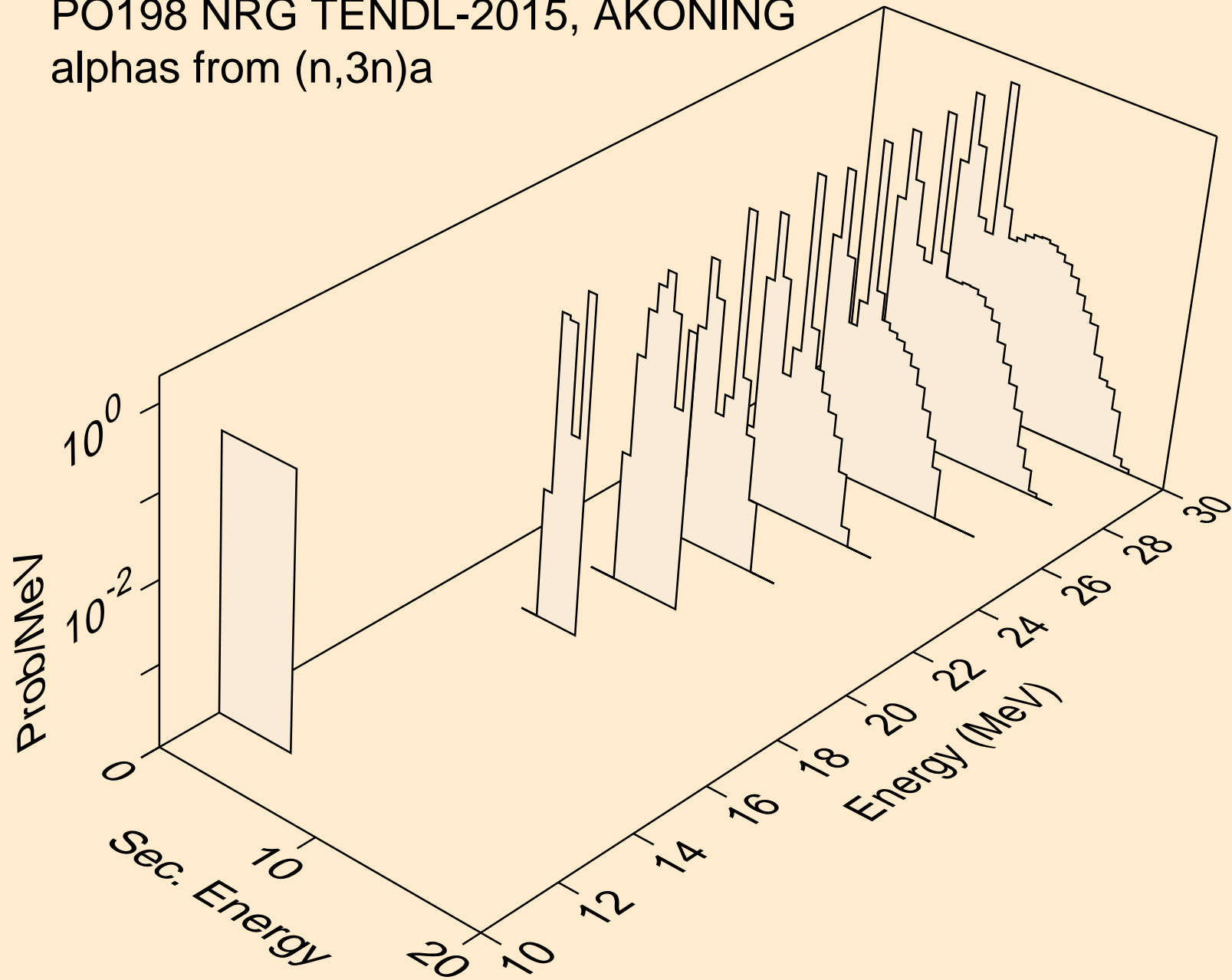
PO198 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



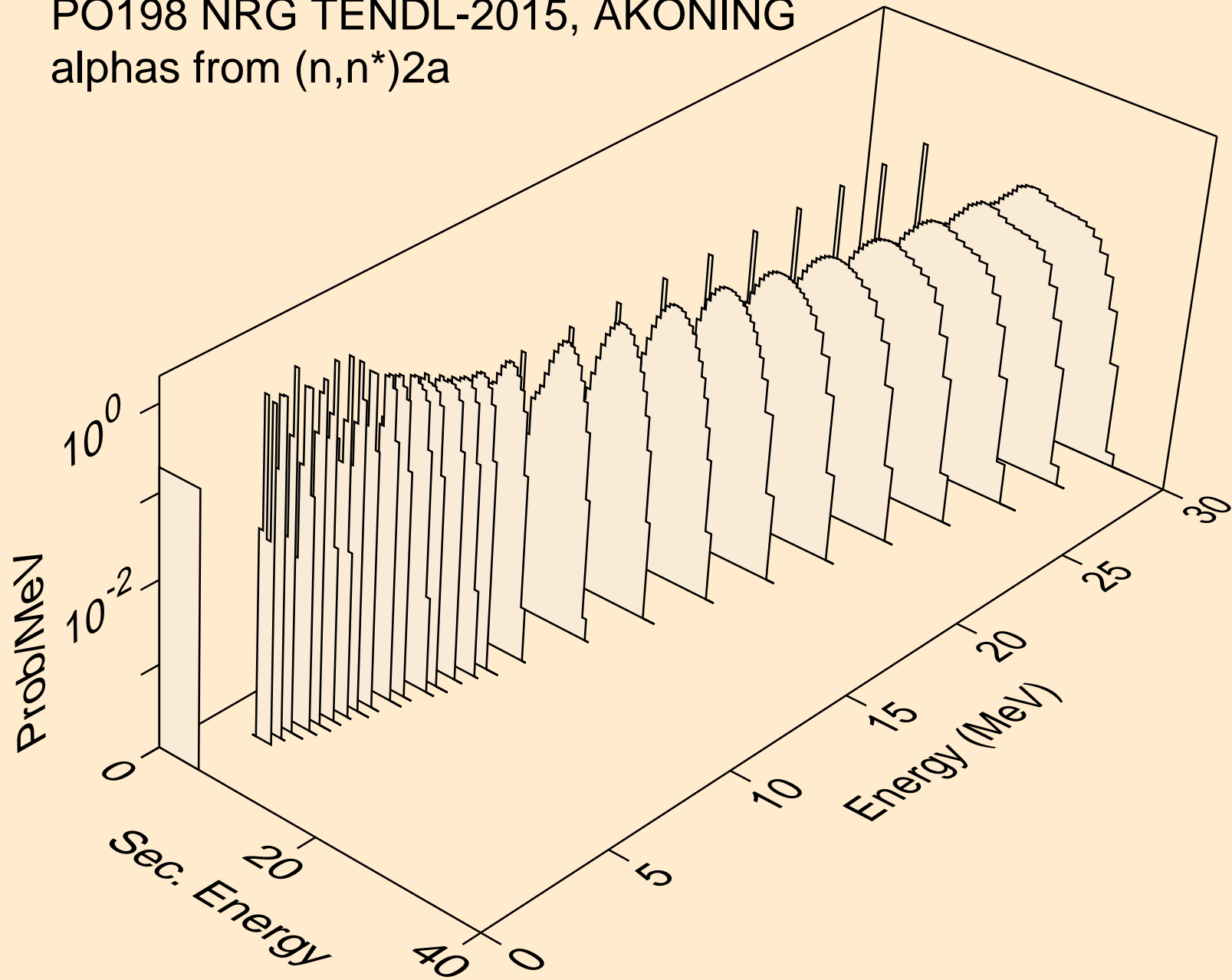
PO198 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PO198 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

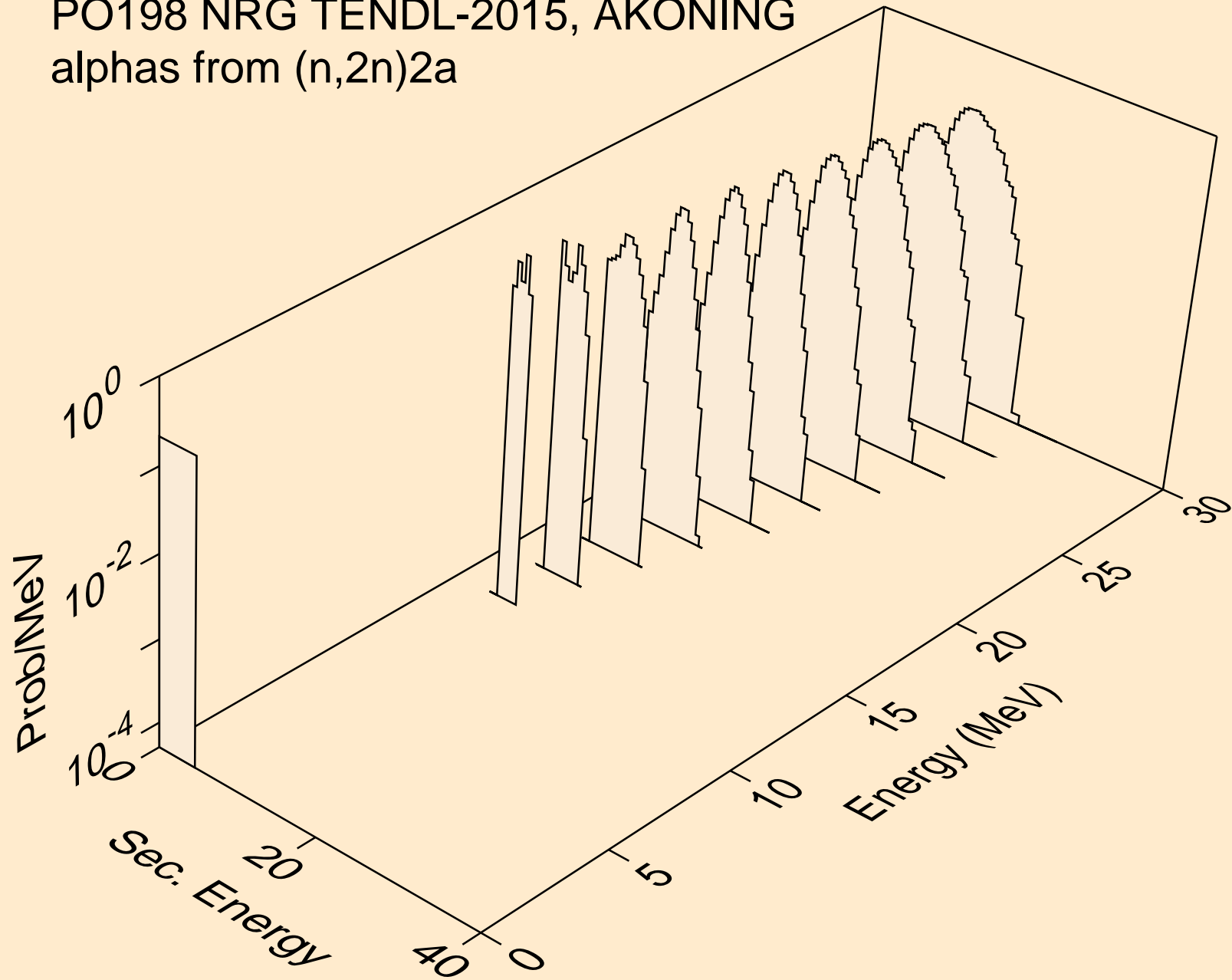


PO198 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

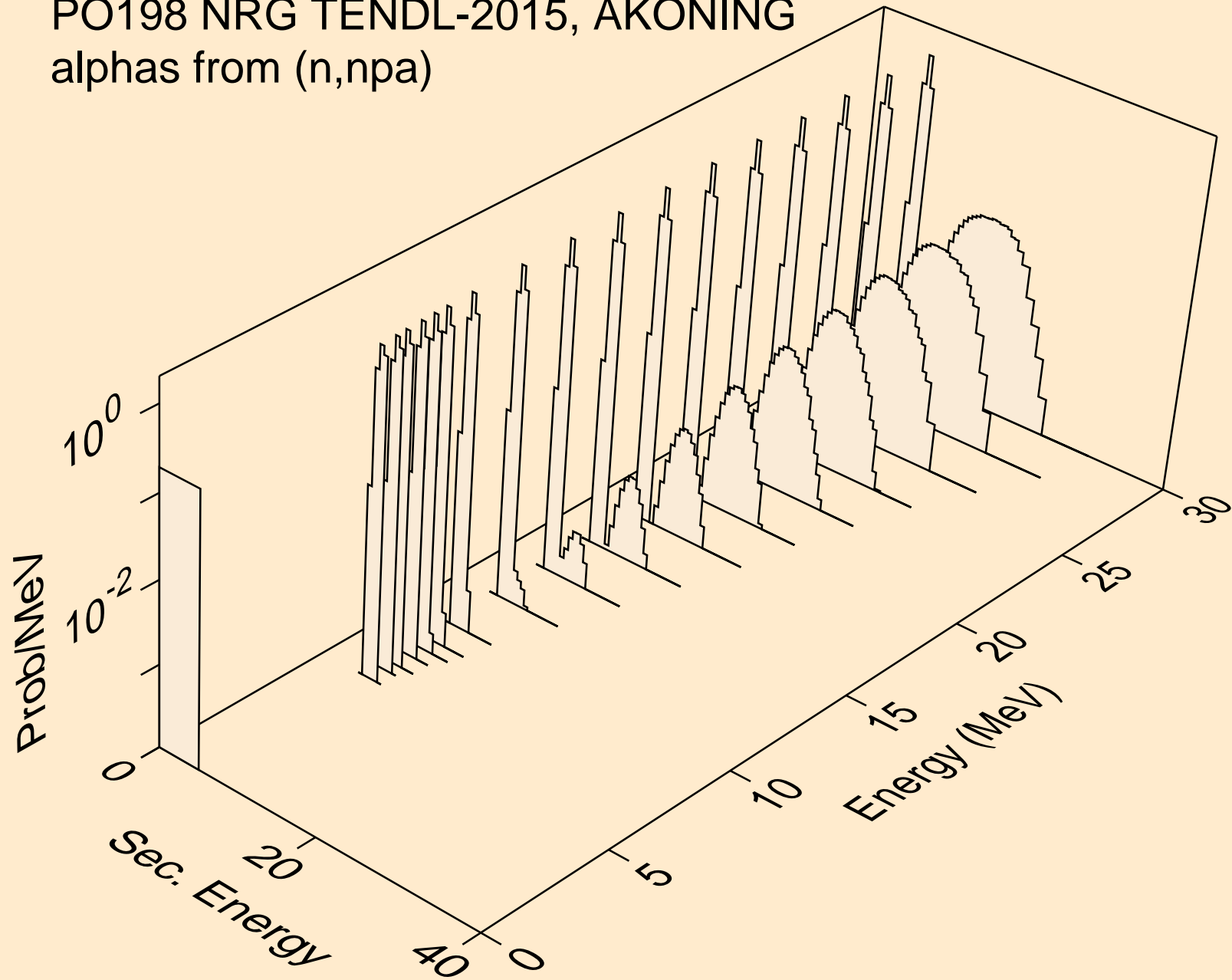




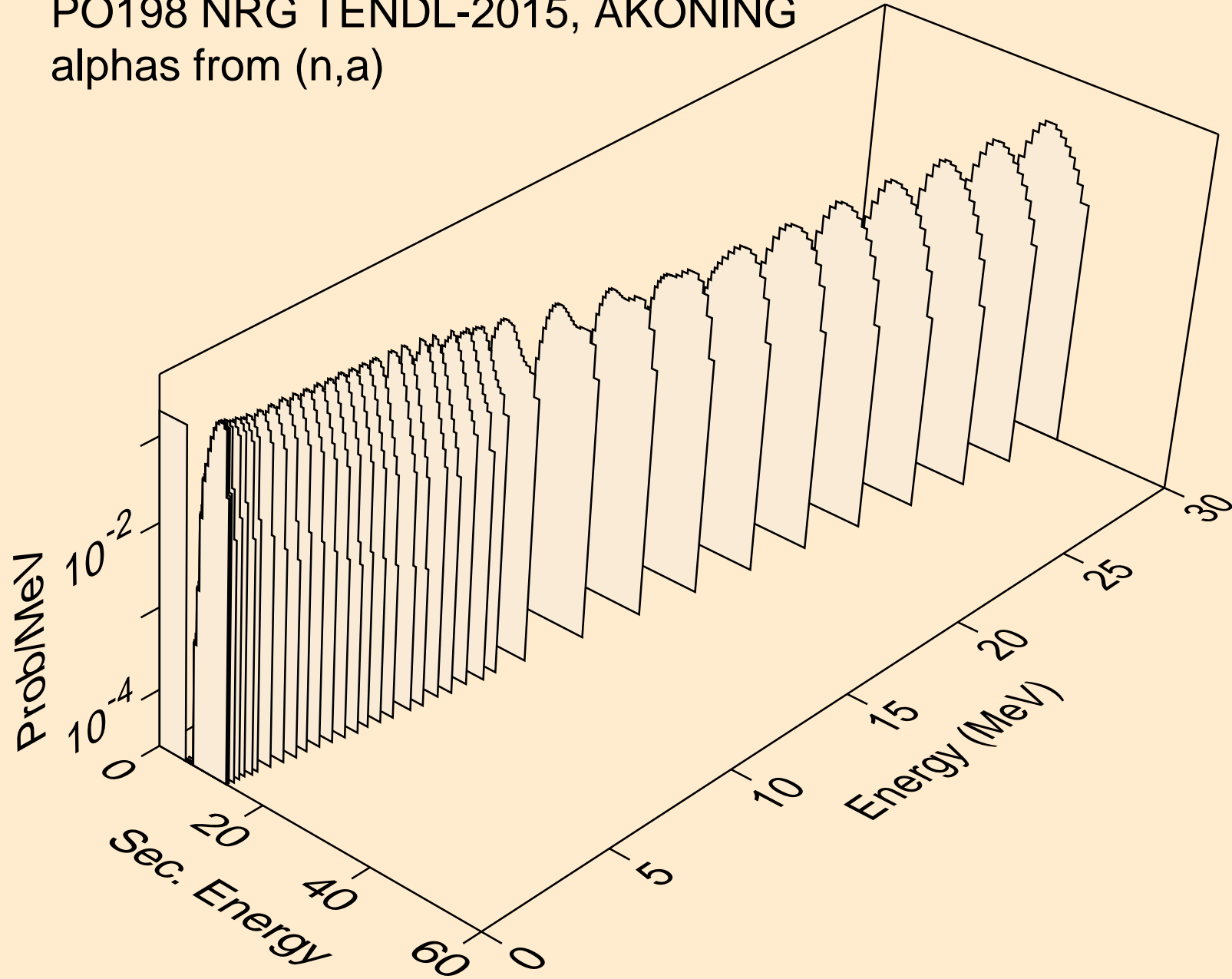
PO198 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



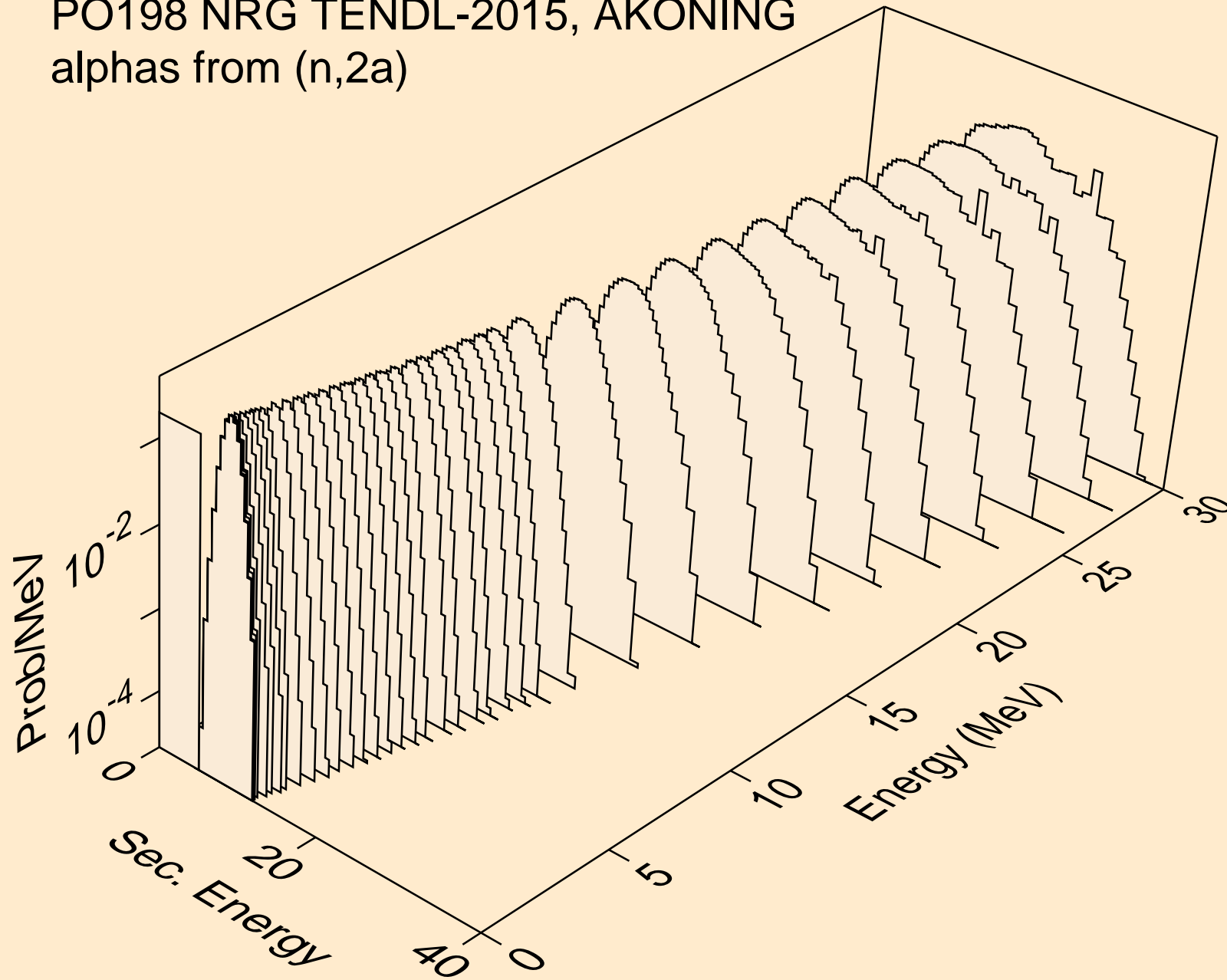
PO198 NRG TENDL-2015, AKONING  
alphas from (n,npa)



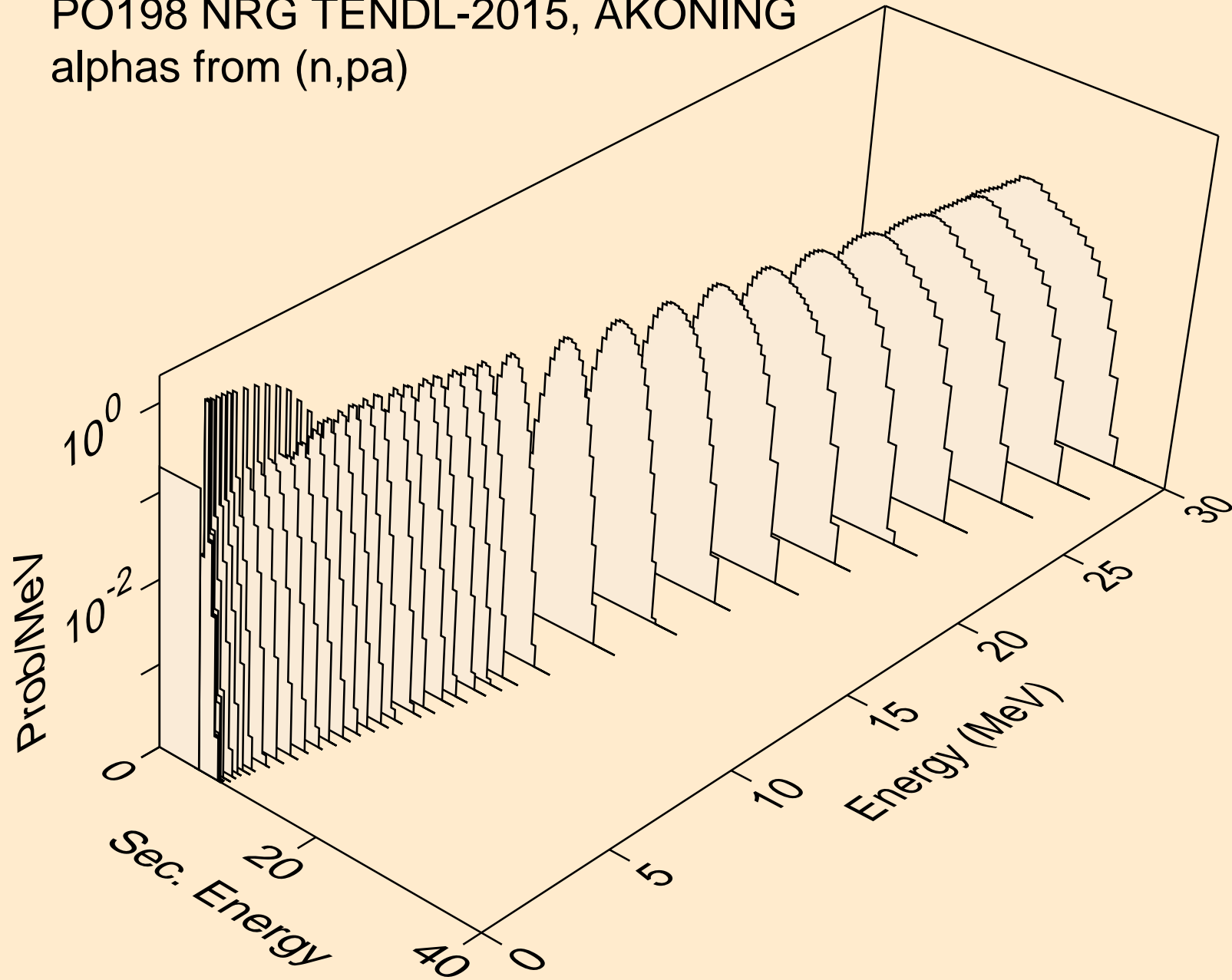
PO198 NRG TENDL-2015, AKONING  
alphas from (n,a)



PO198 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PO198 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PO198 NRG TENDL-2015, AKONING  
alphas from (n,da)

