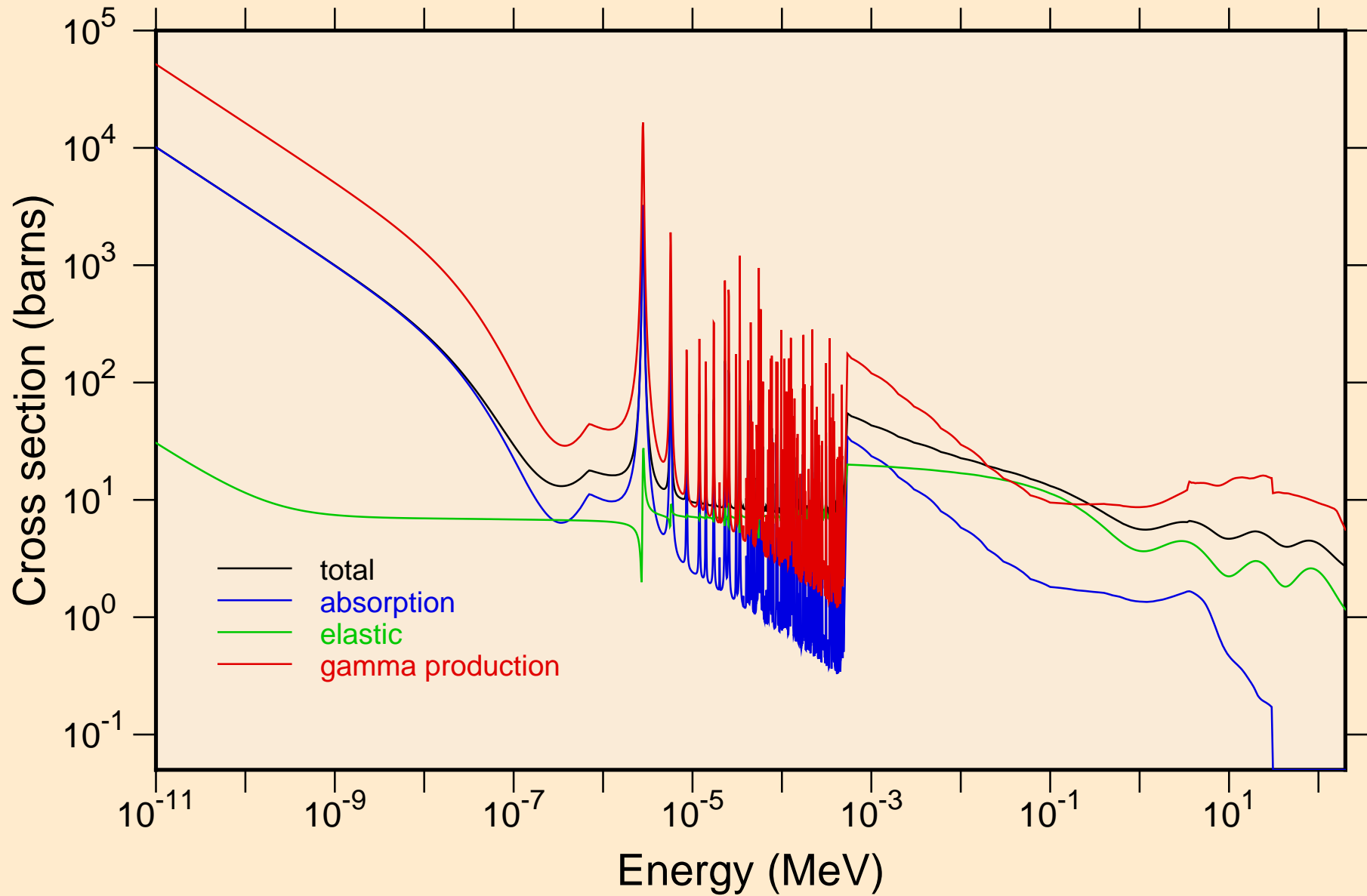
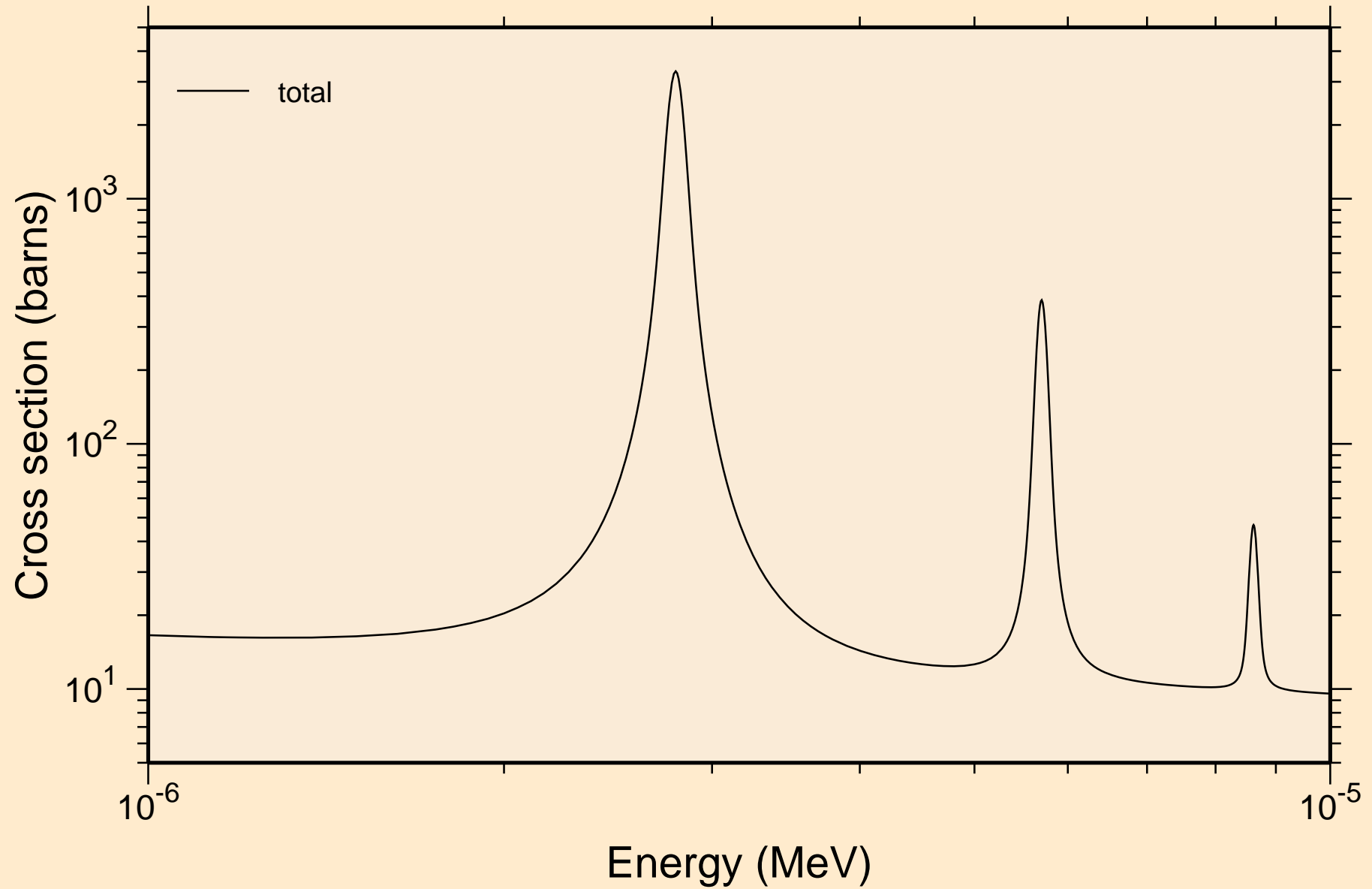


# PT178 NRG TENDL-2015, AKONING

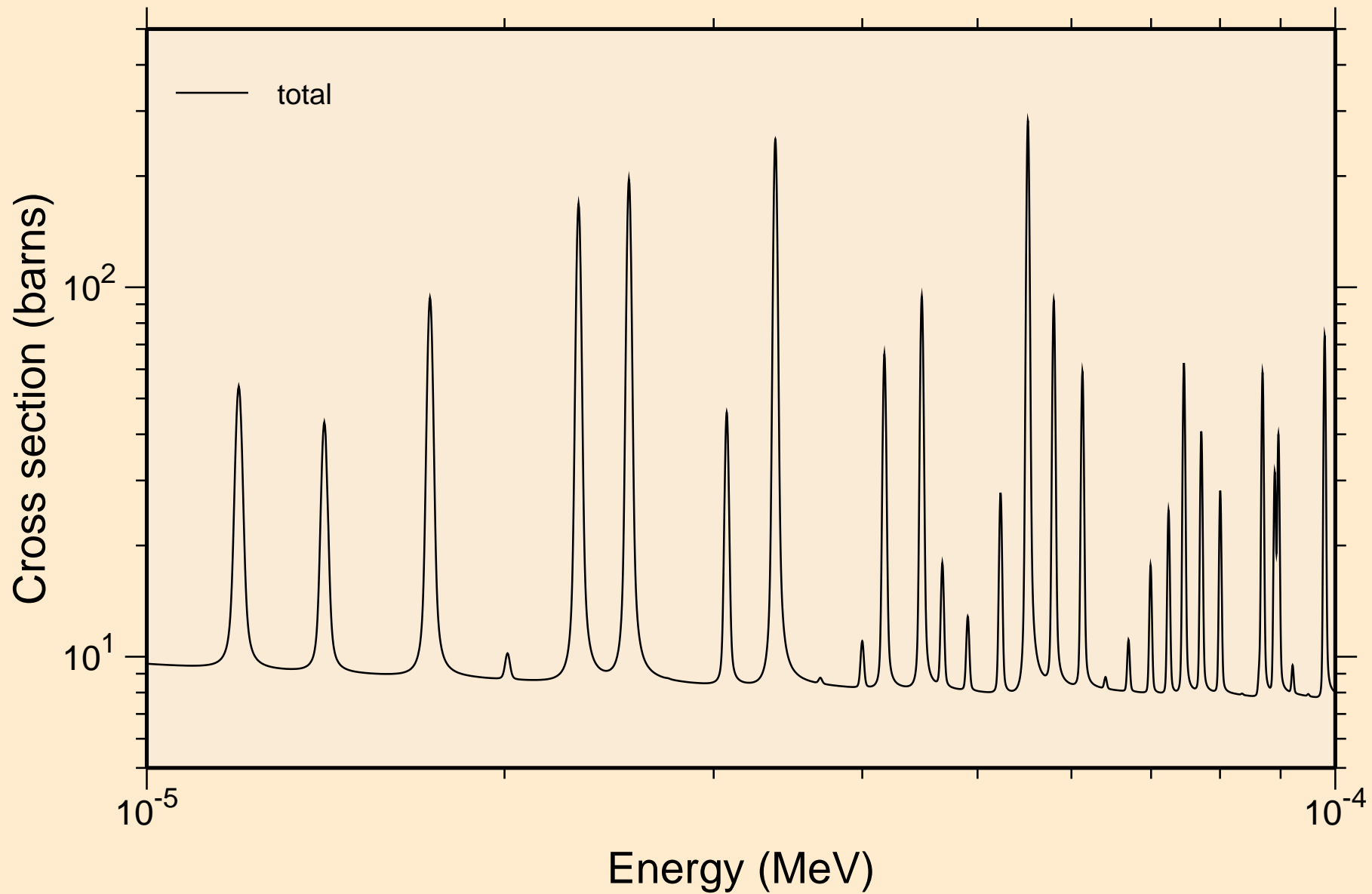
## Principal cross sections



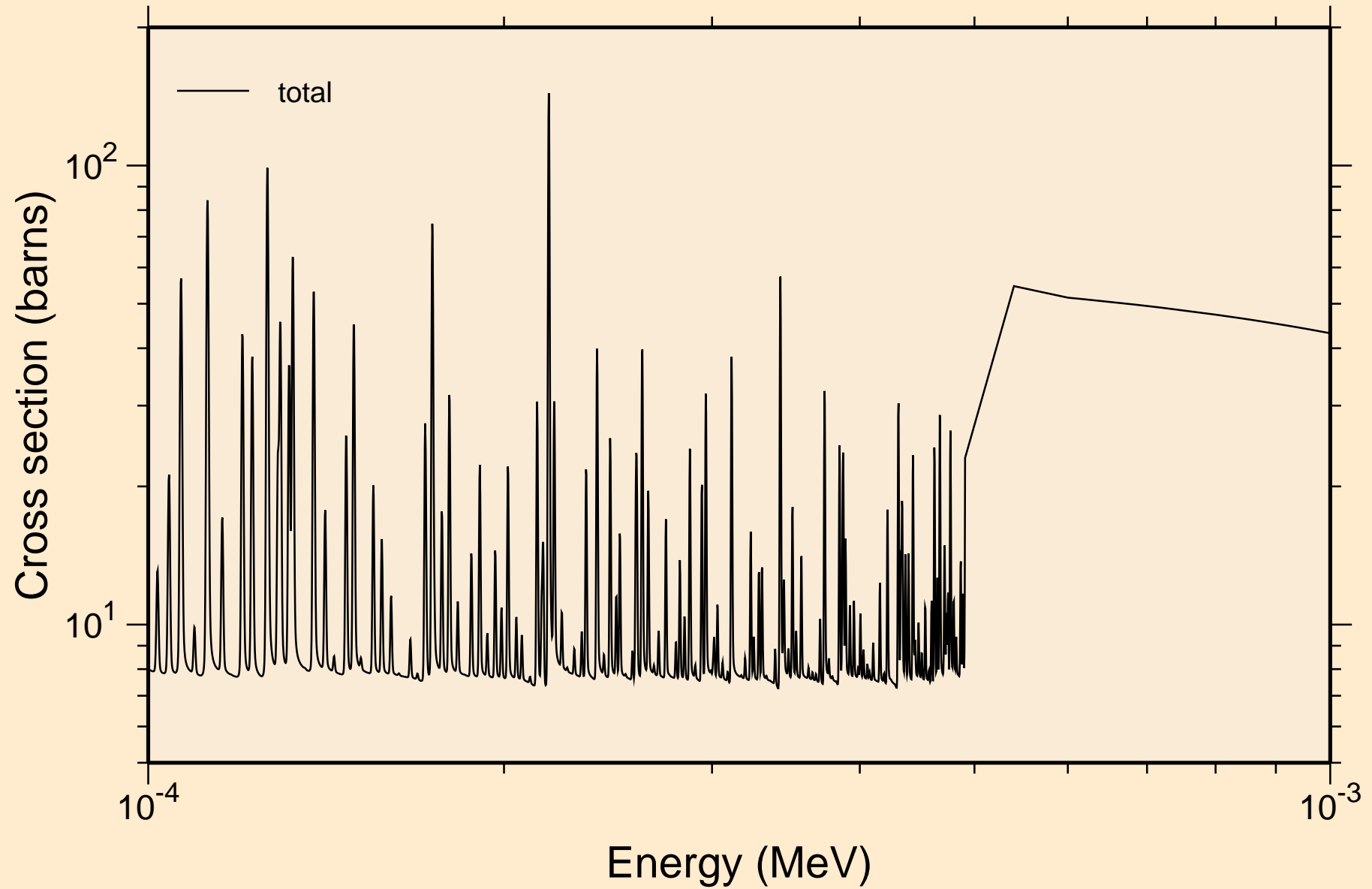
PT178 NRG TENDL-2015, AKONING  
resonance total cross section



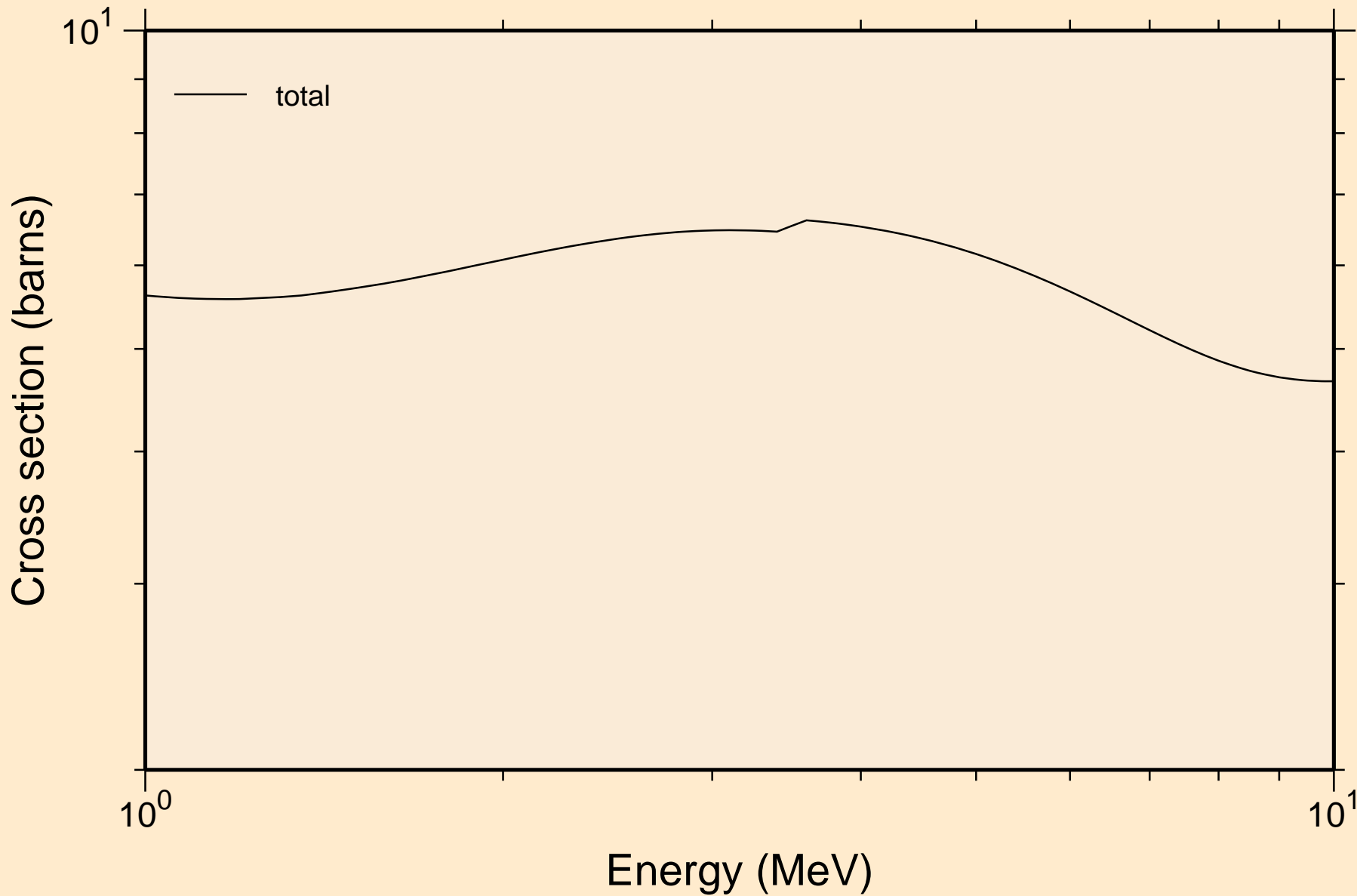
PT178 NRG TENDL-2015, AKONING  
resonance total cross section



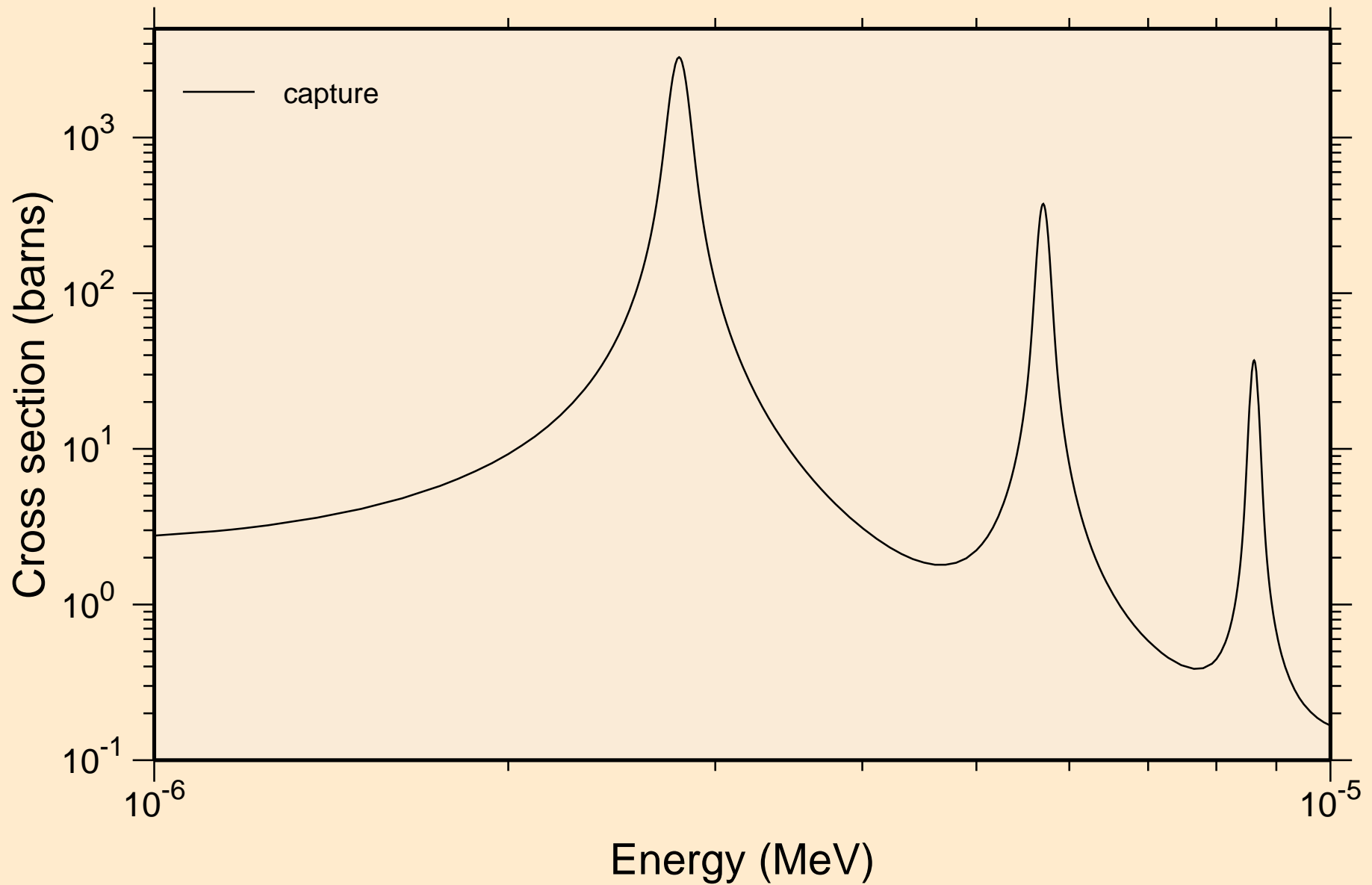
PT178 NRG TENDL-2015, AKONING  
resonance total cross section



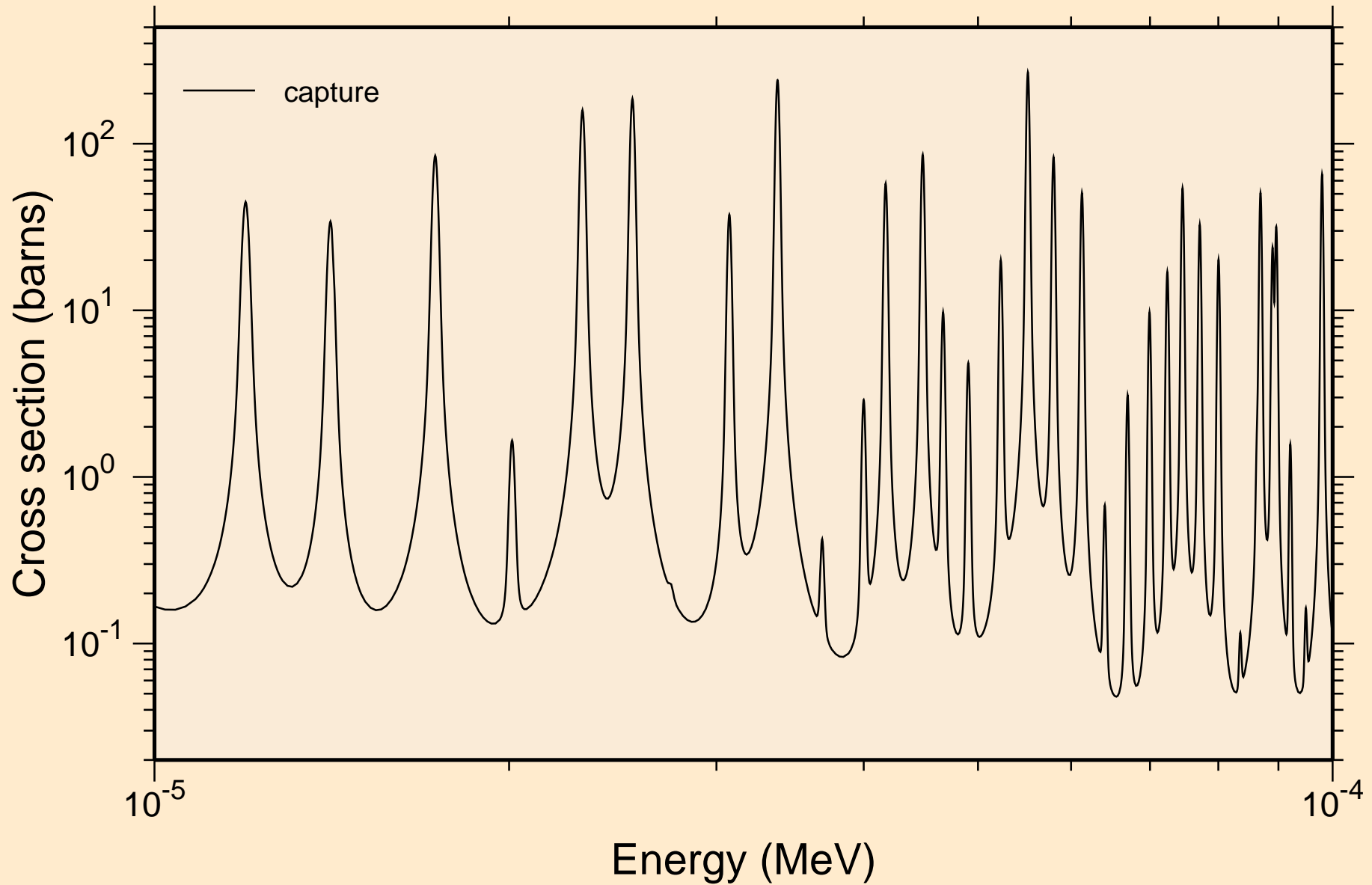
PT178 NRG TENDL-2015, AKONING  
resonance total cross section



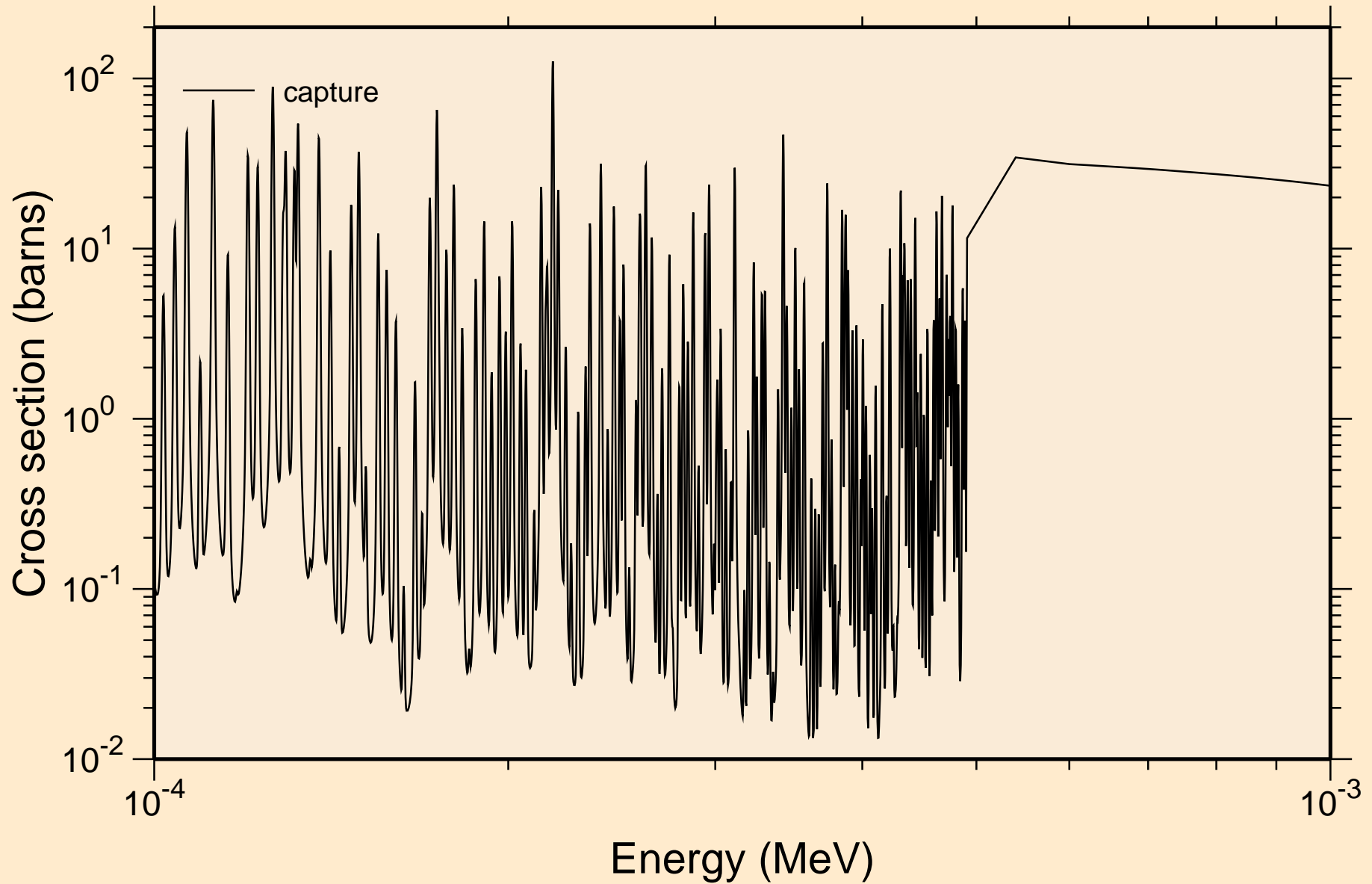
PT178 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PT178 NRG TENDL-2015, AKONING  
resonance absorption cross sections

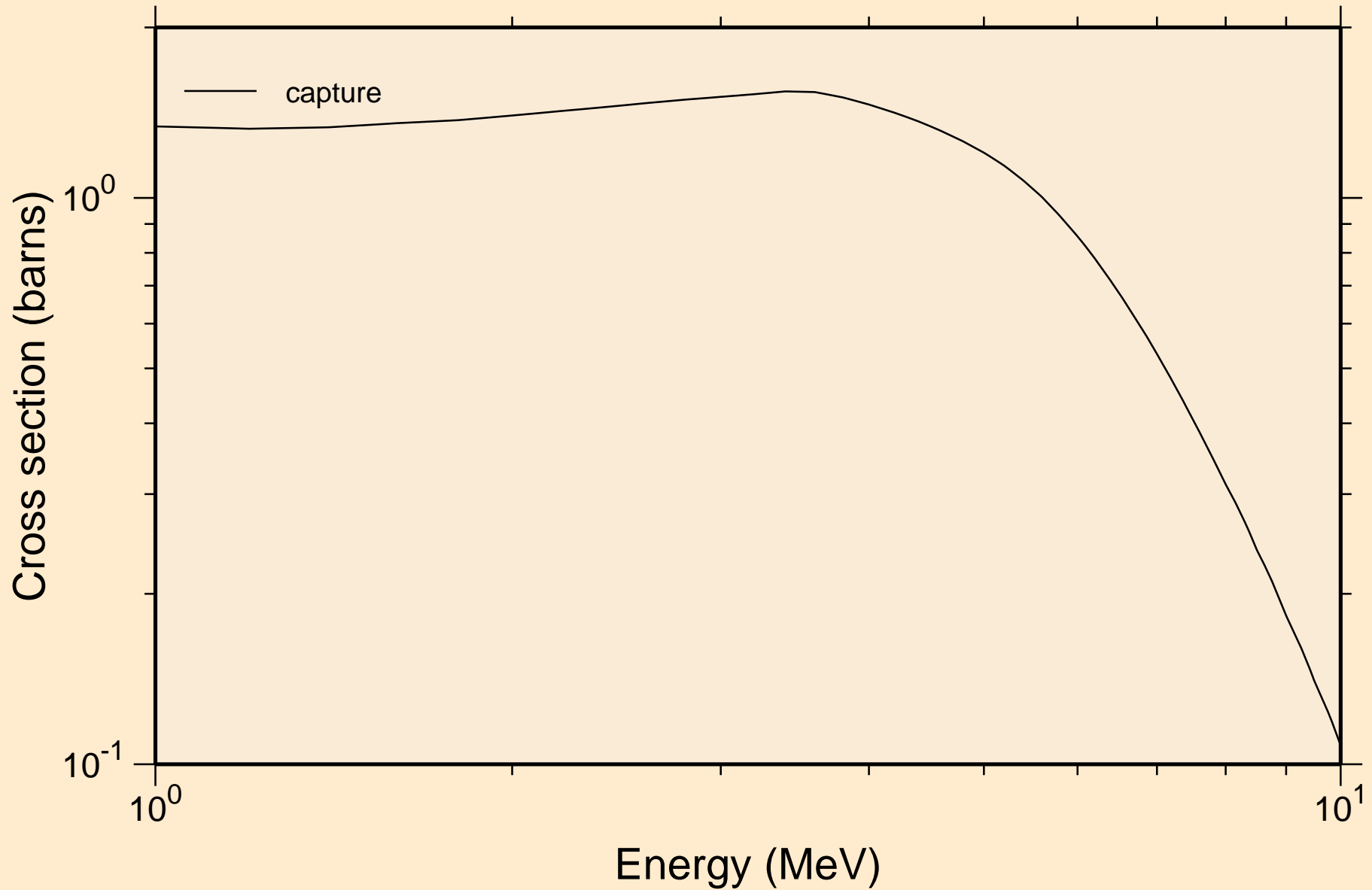


PT178 NRG TENDL-2015, AKONING  
resonance absorption cross sections

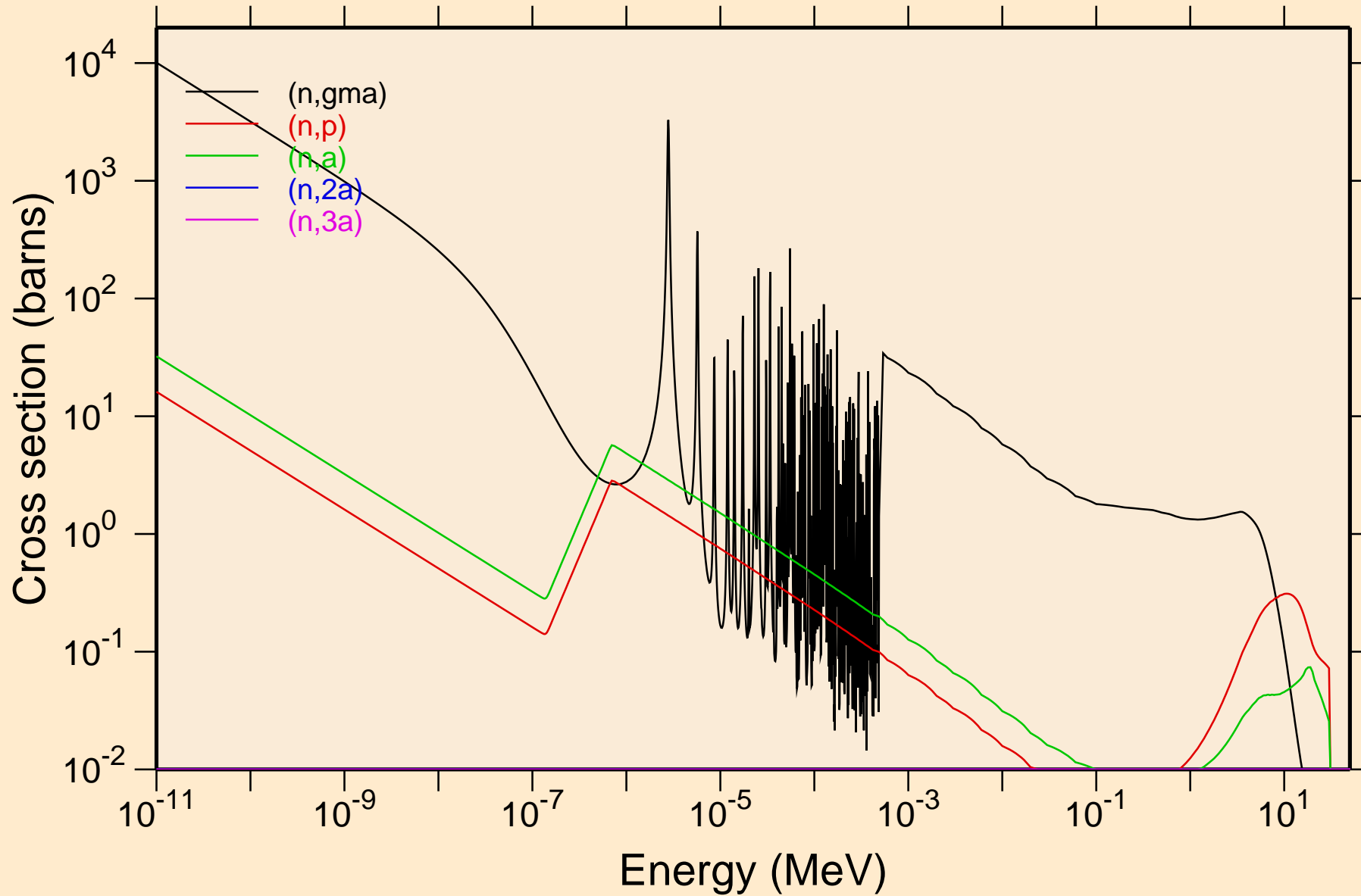




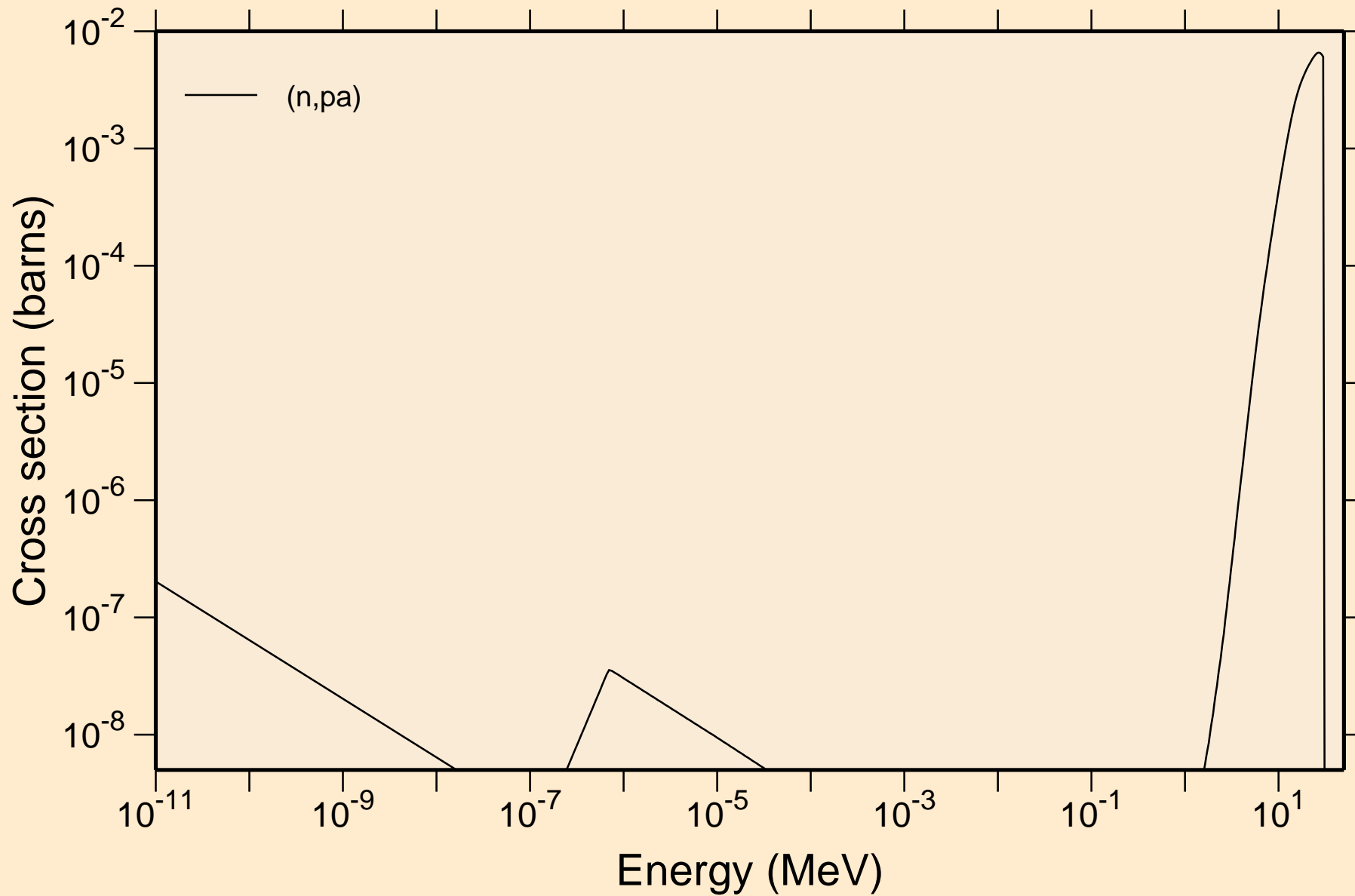
PT178 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PT178 NRG TENDL-2015, AKONING  
Non-threshold reactions

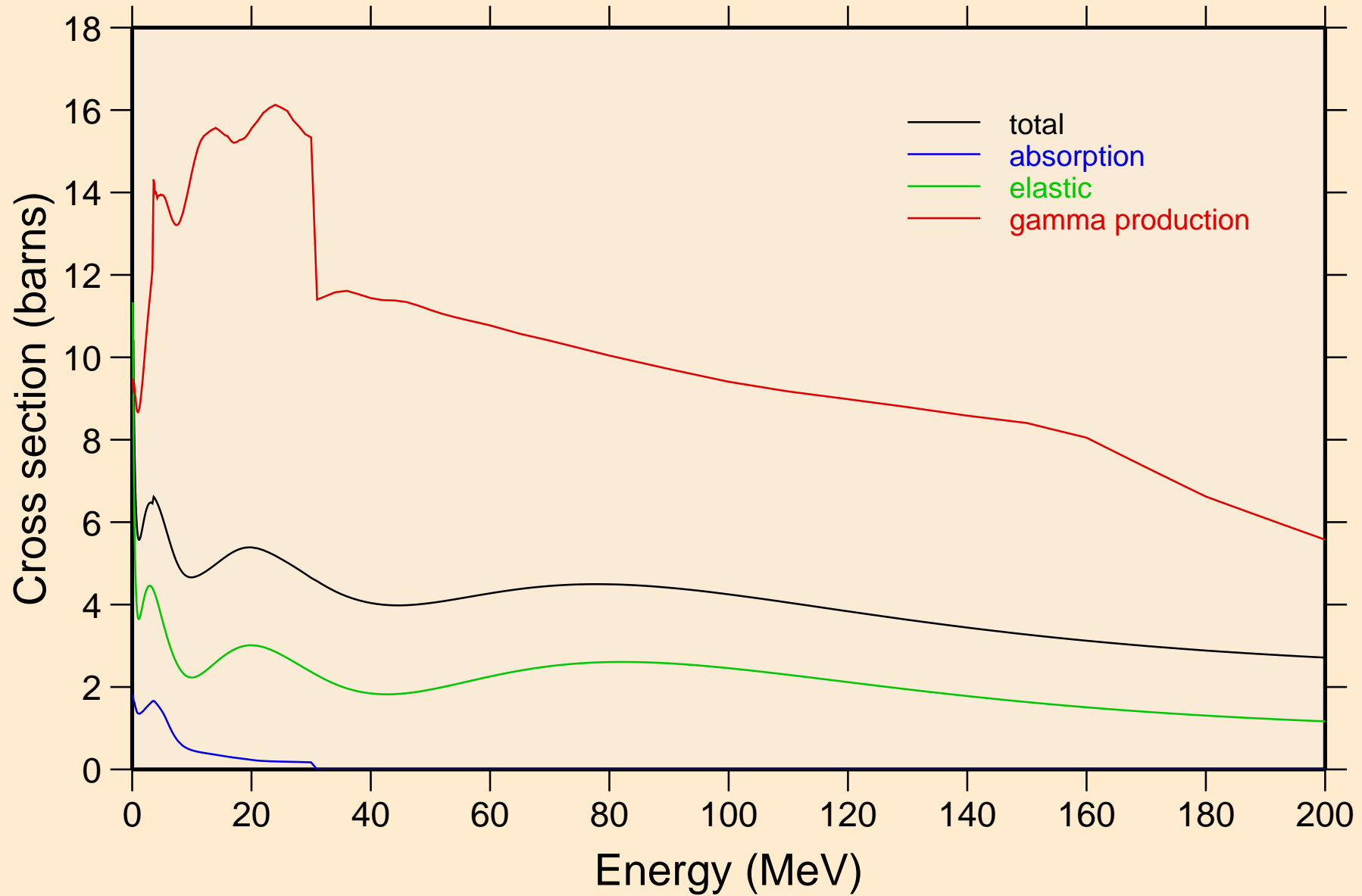


PT178 NRG TENDL-2015, AKONING  
Non-threshold reactions

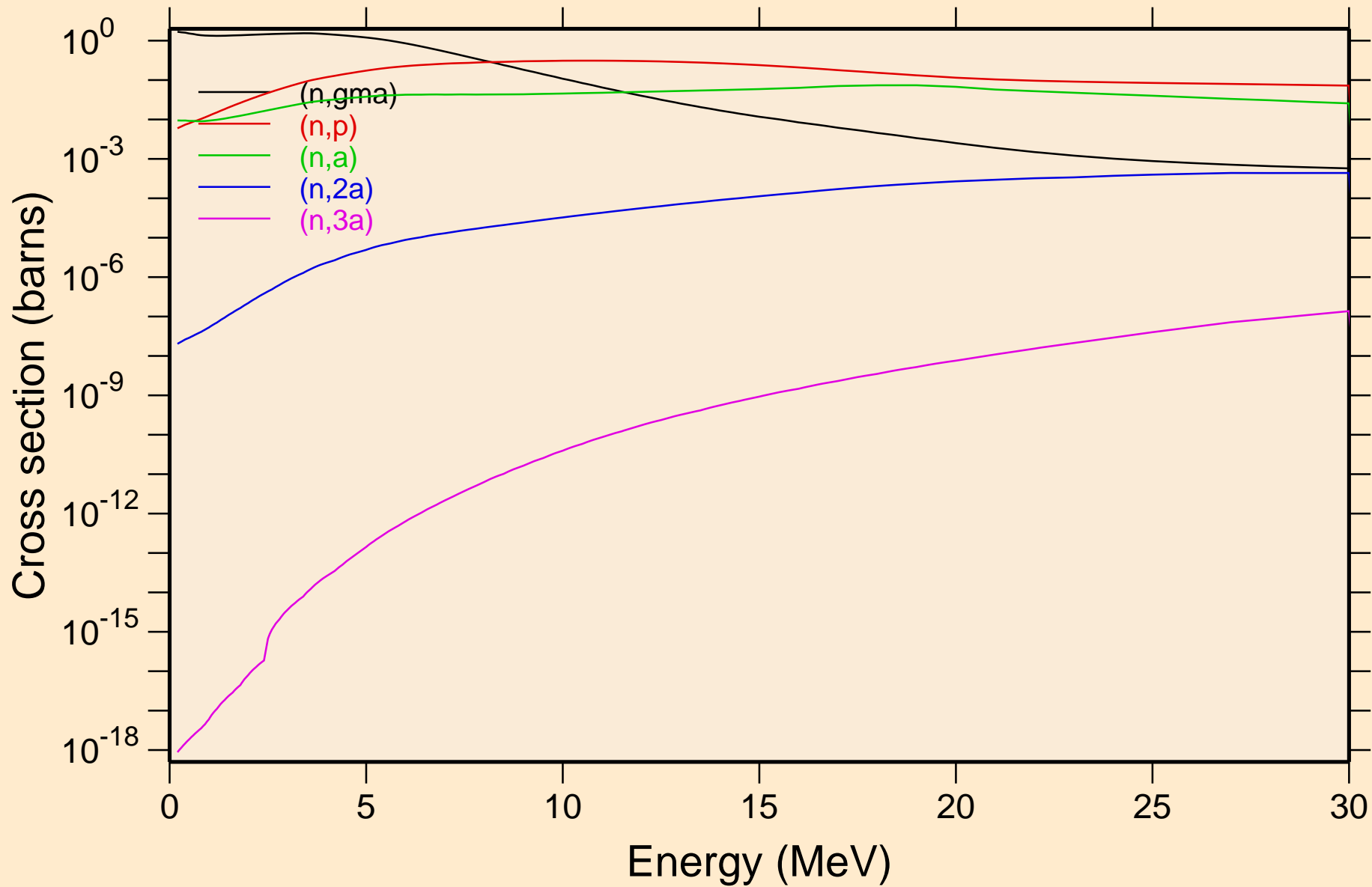


# PT178 NRG TENDL-2015, AKONING

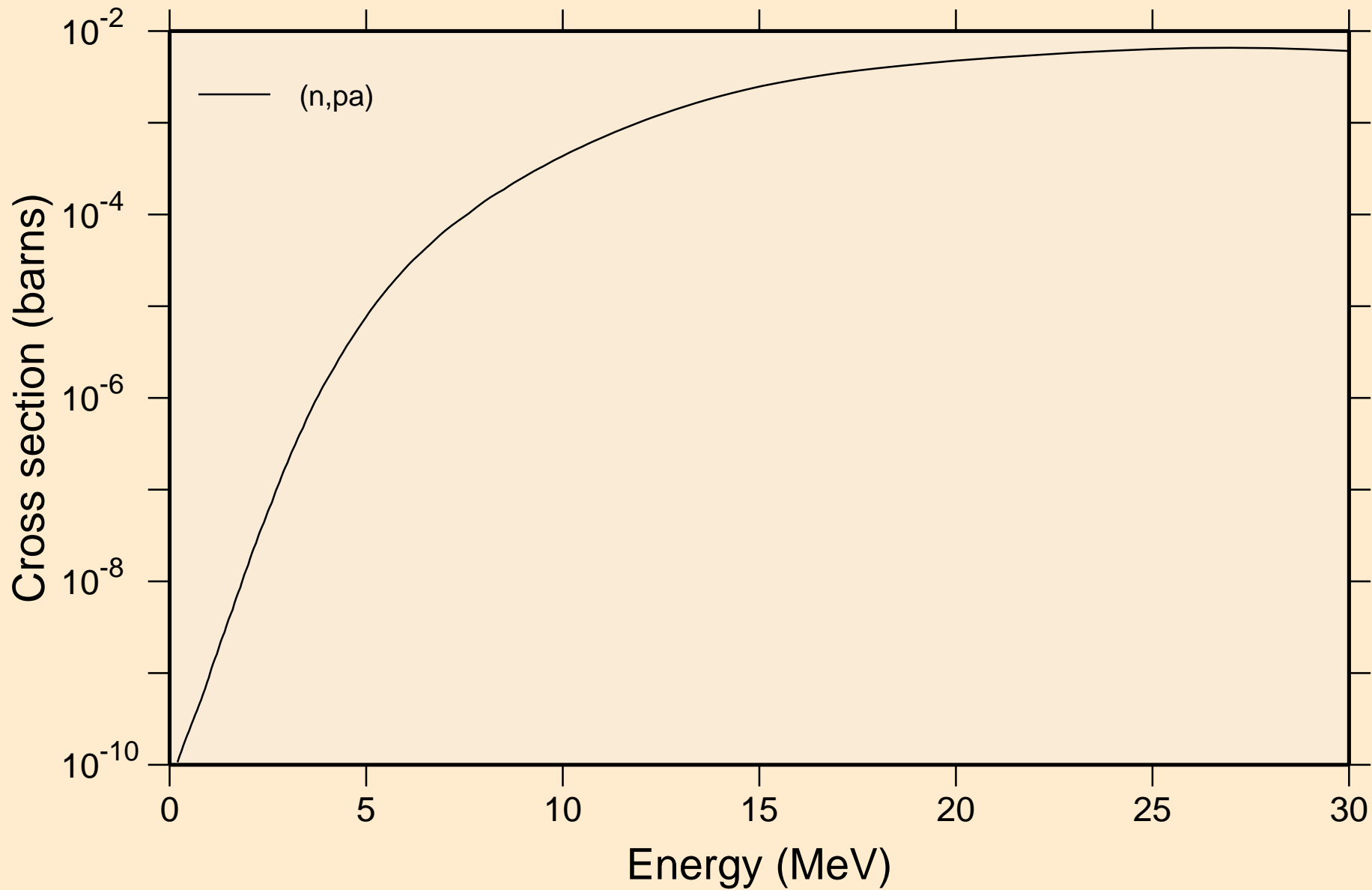
## Principal cross sections



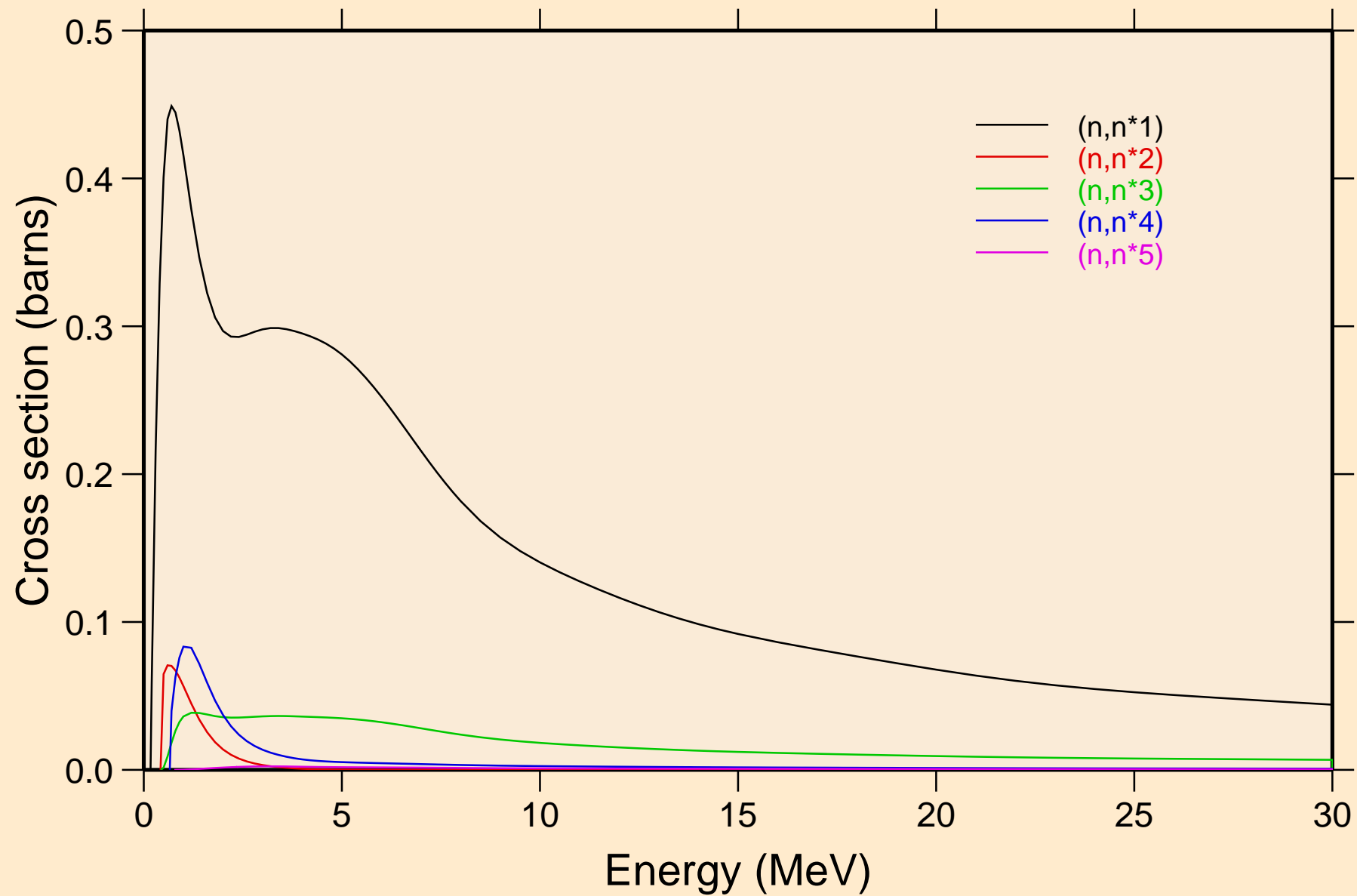
PT178 NRG TENDL-2015, AKONING  
Non-threshold reactions



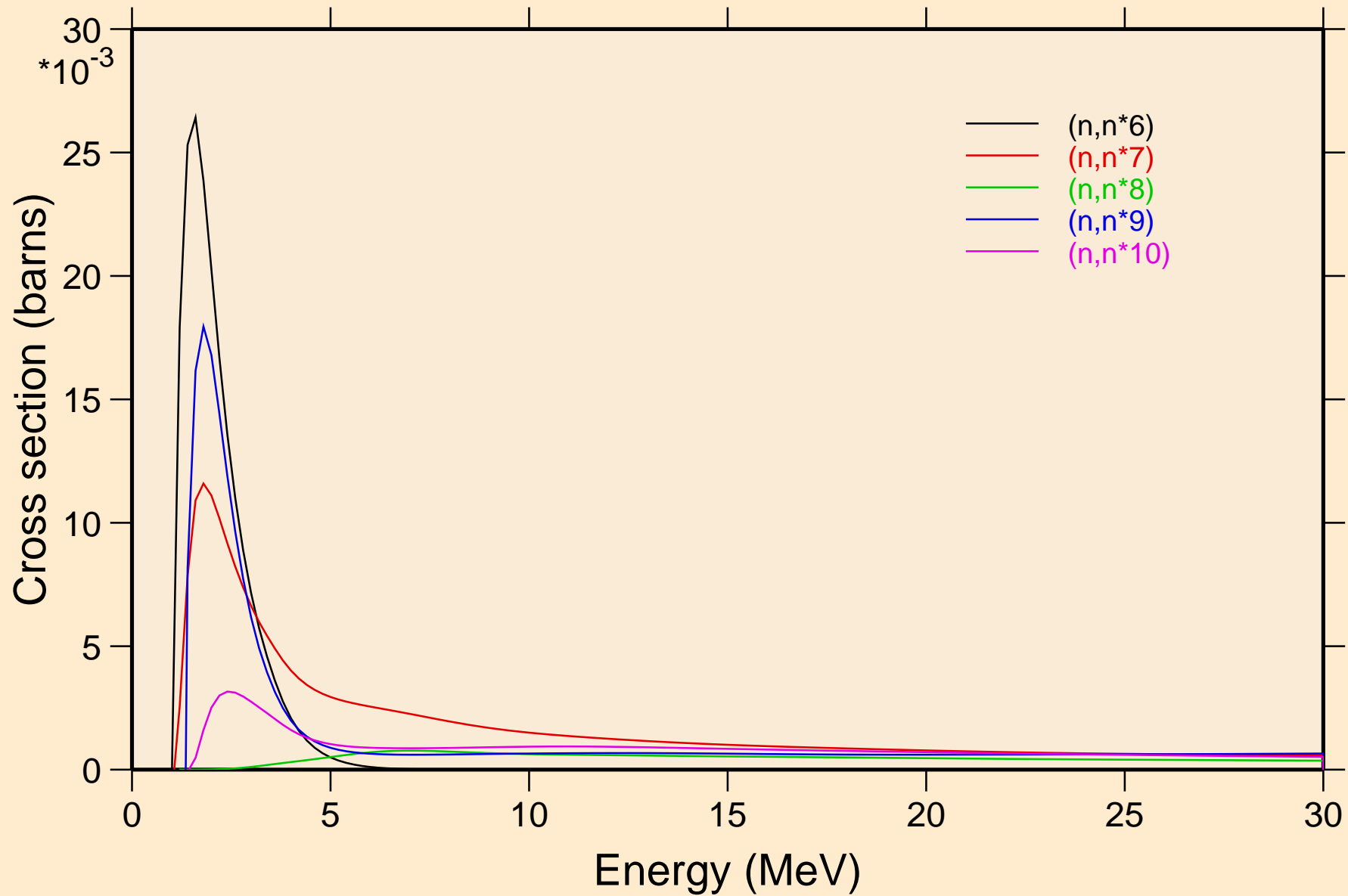
PT178 NRG TENDL-2015, AKONING  
Non-threshold reactions



PT178 NRG TENDL-2015, AKONING  
Inelastic levels

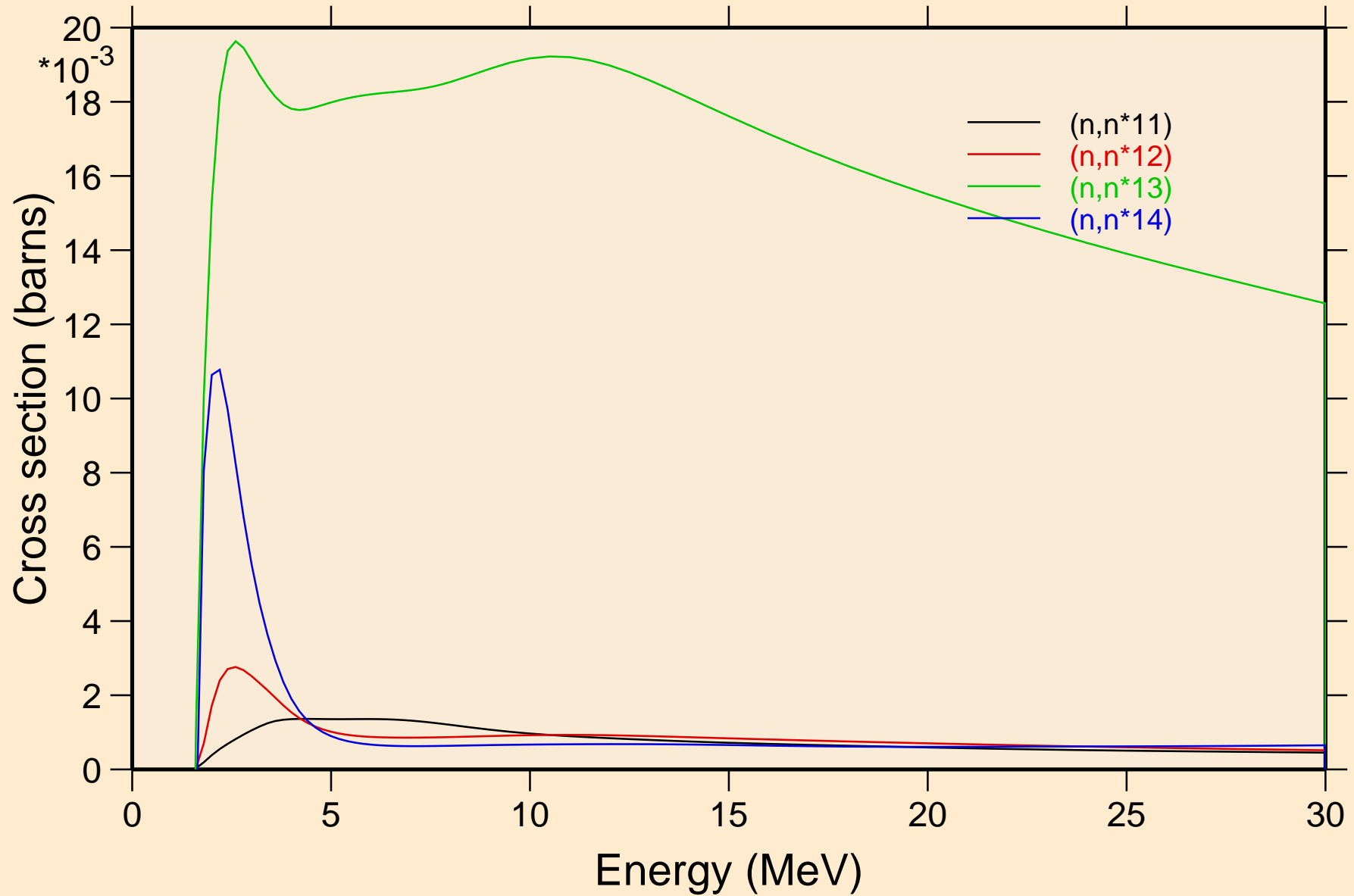


PT178 NRG TENDL-2015, AKONING  
Inelastic levels



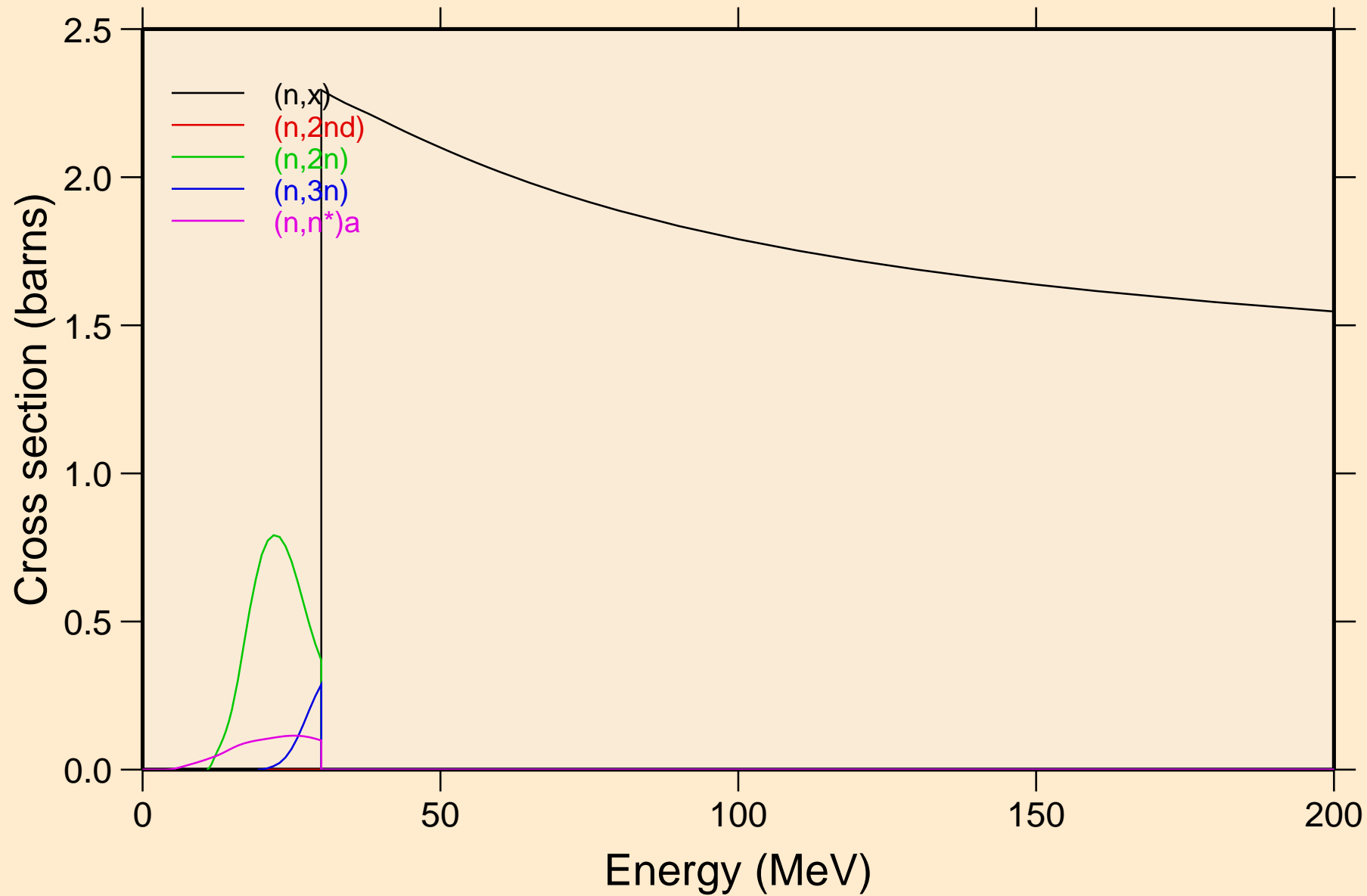


PT178 NRG TENDL-2015, AKONING  
Inelastic levels

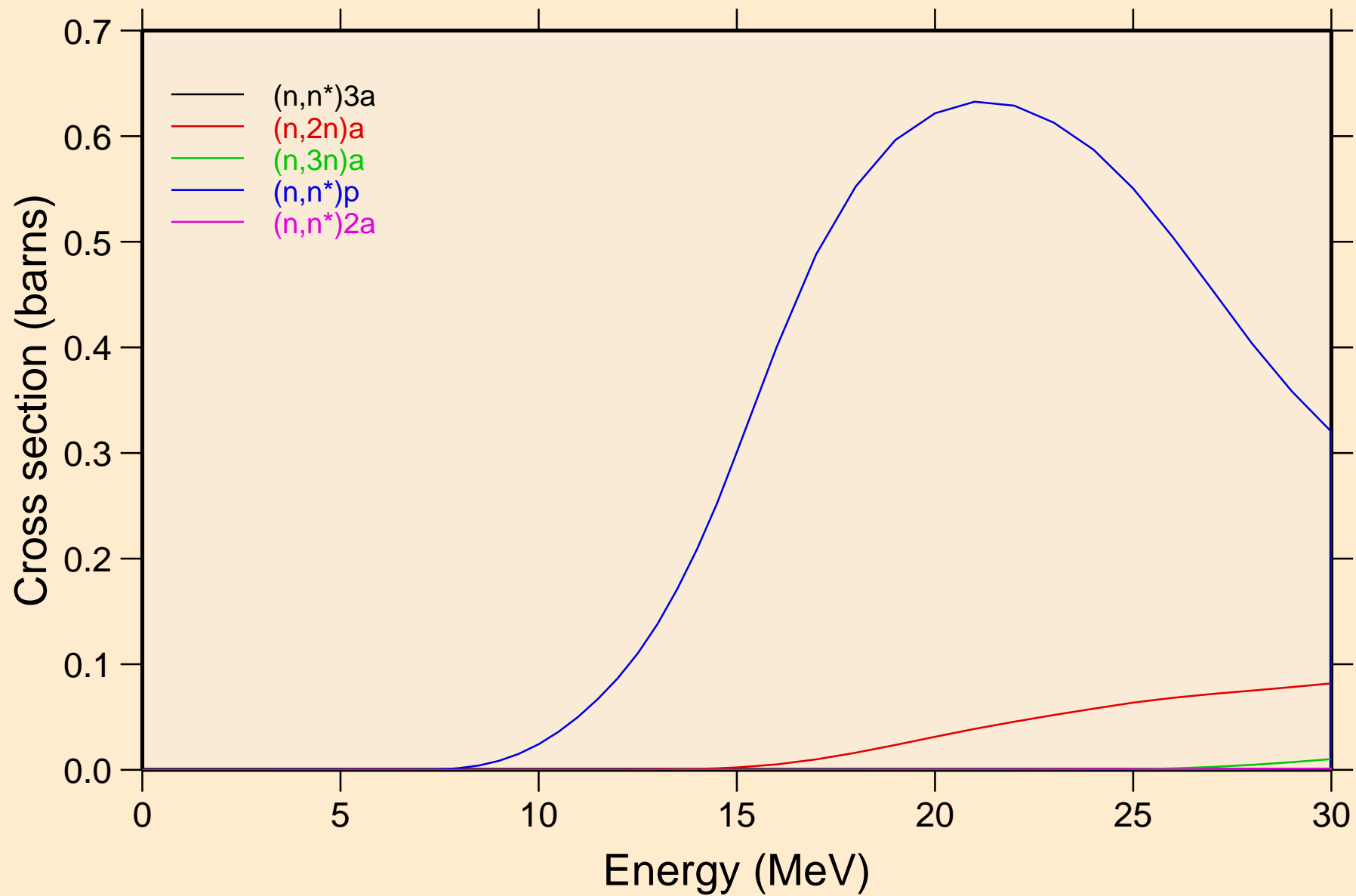


# PT178 NRG TENDL-2015, AKONING

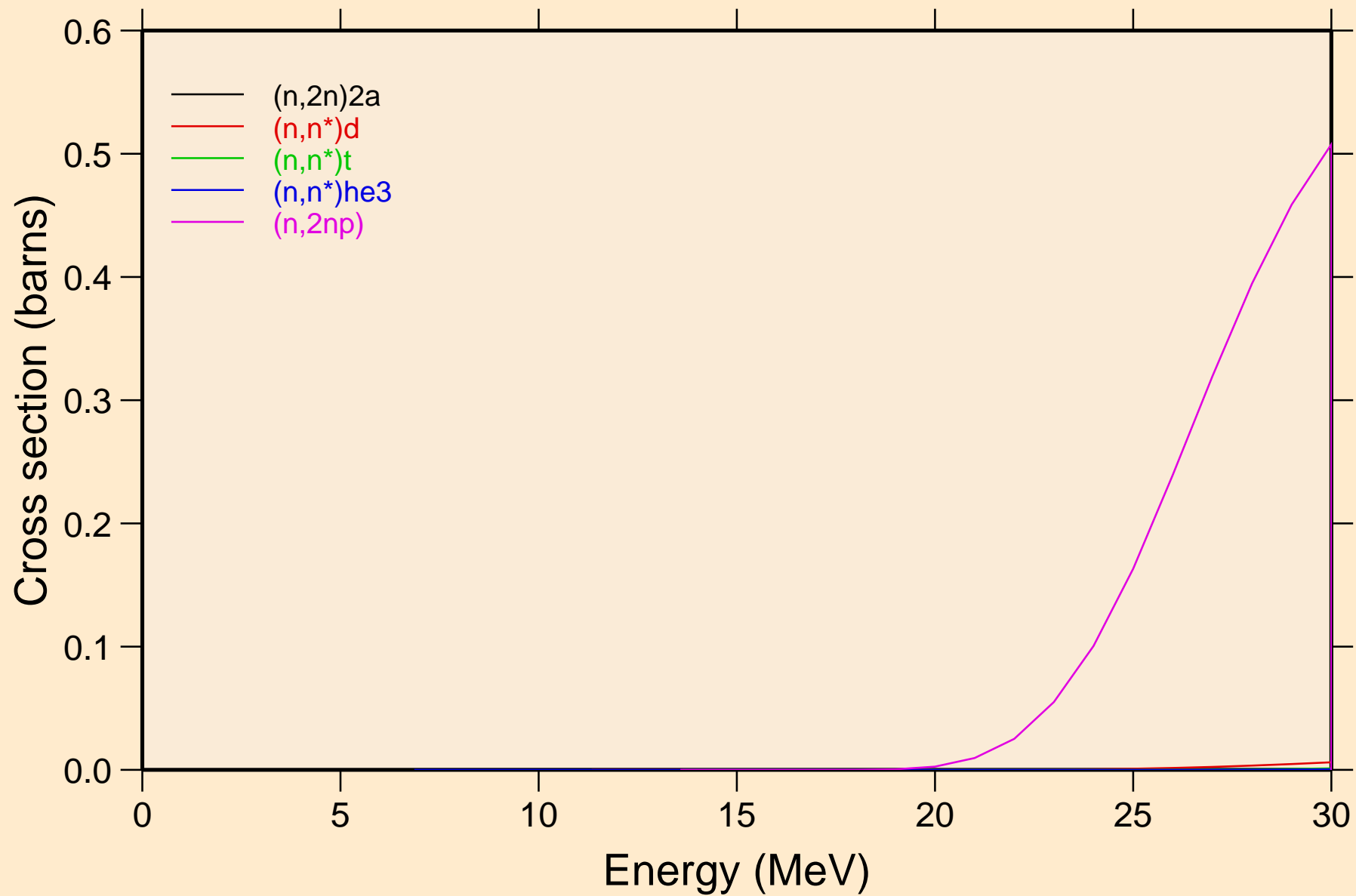
## Threshold reactions



PT178 NRG TENDL-2015, AKONING  
Threshold reactions

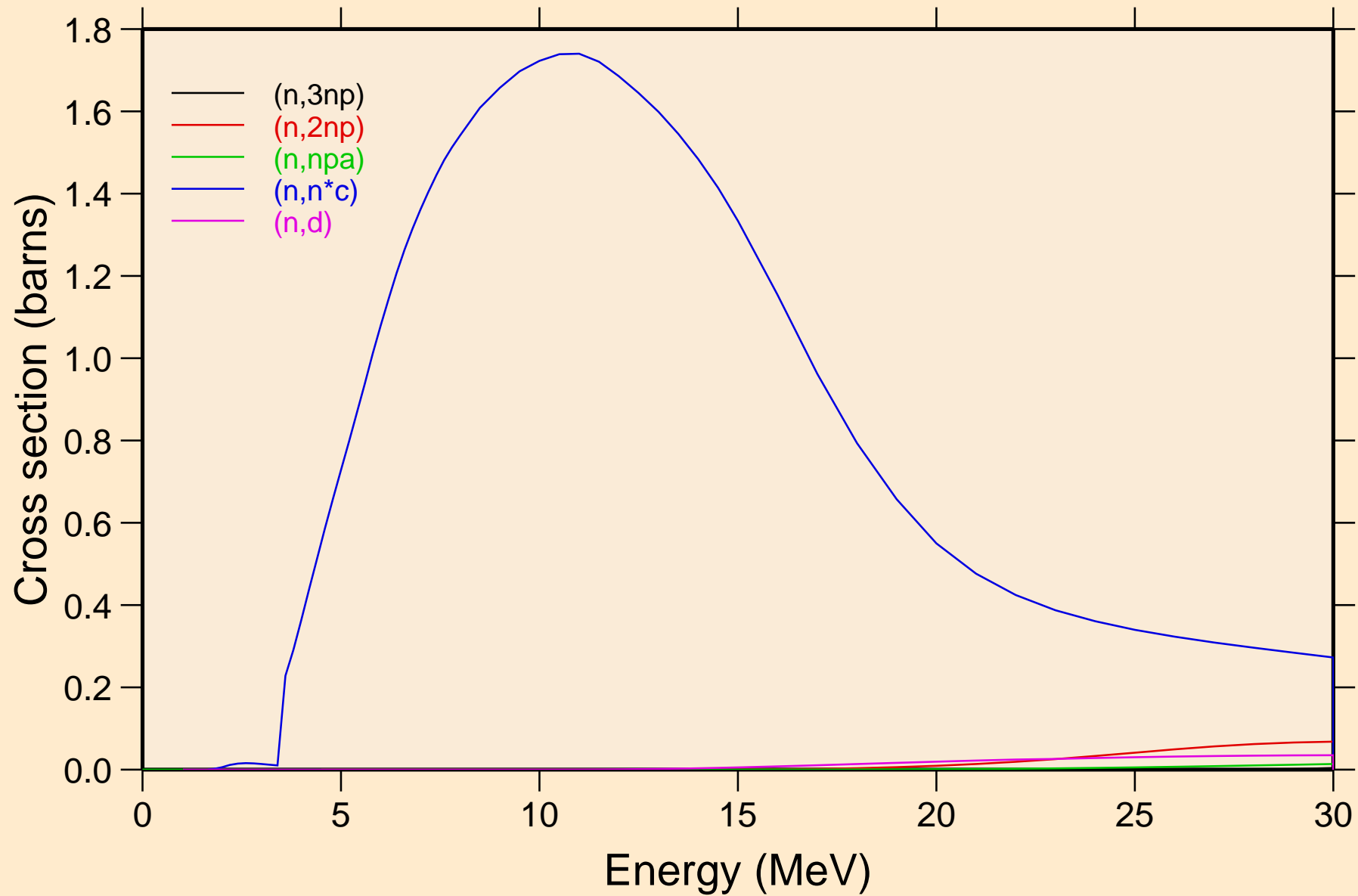


PT178 NRG TENDL-2015, AKONING  
Threshold reactions



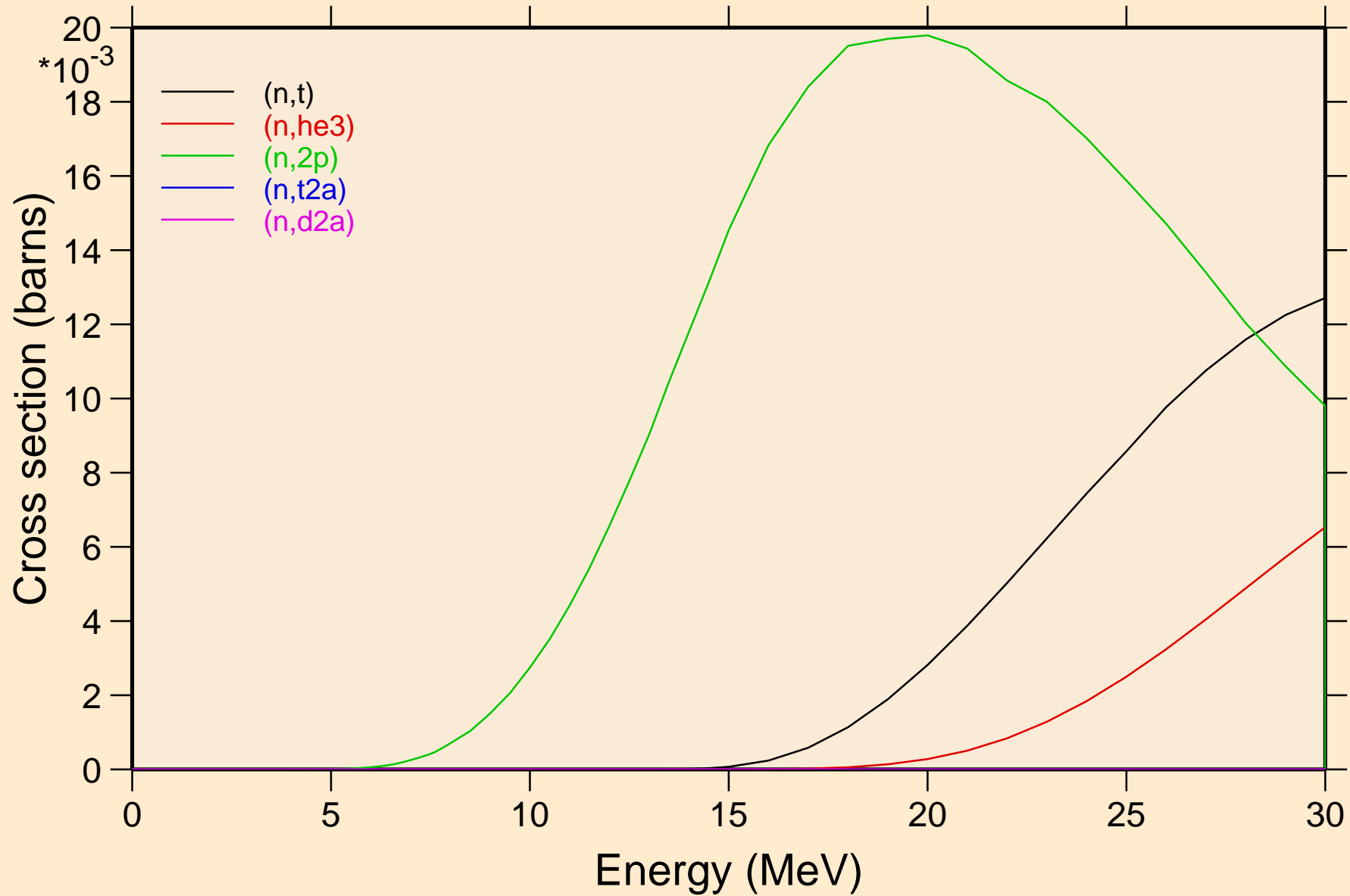
# PT178 NRG TENDL-2015, AKONING

## Threshold reactions



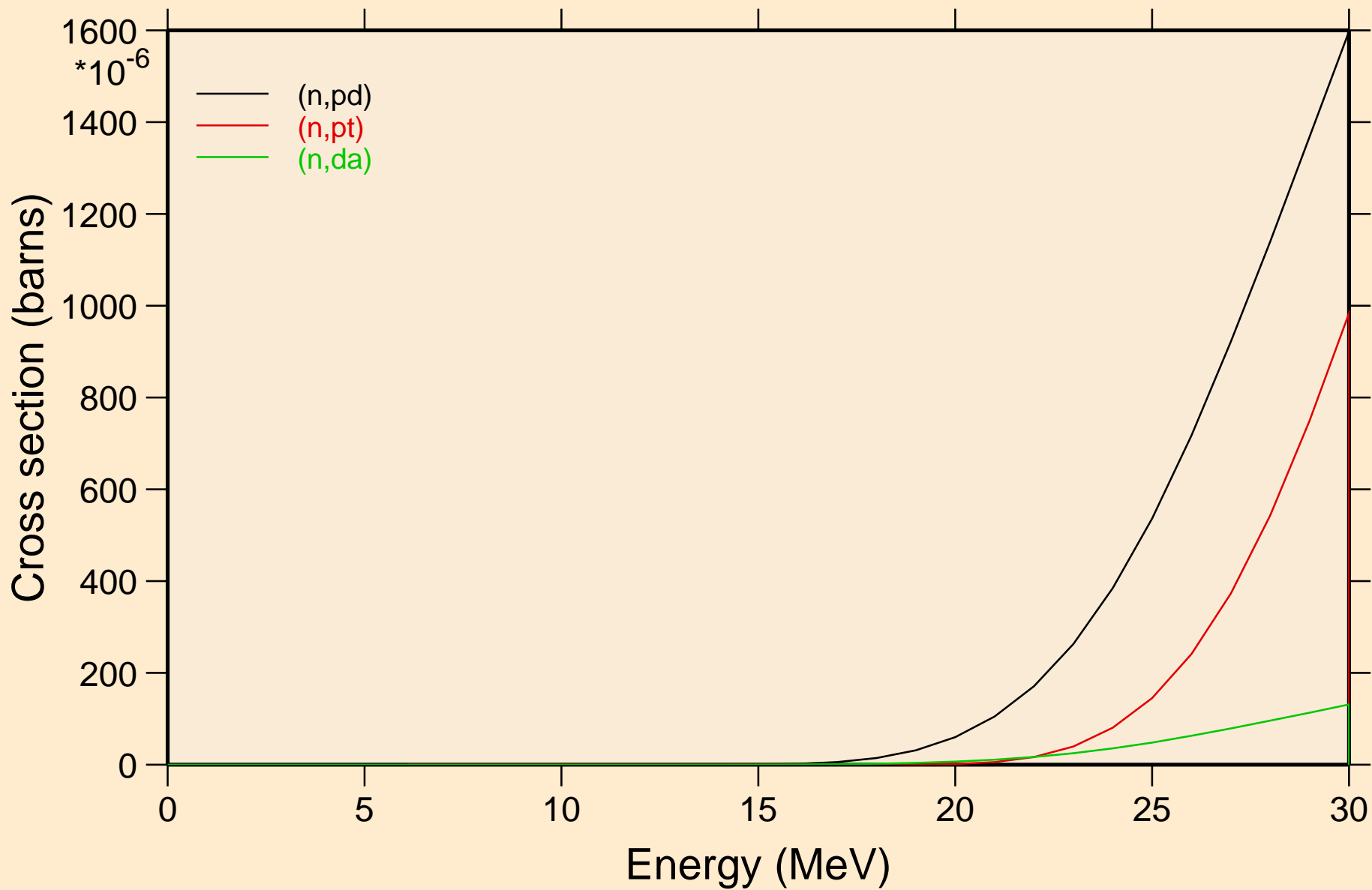
# PT178 NRG TENDL-2015, AKONING

## Threshold reactions

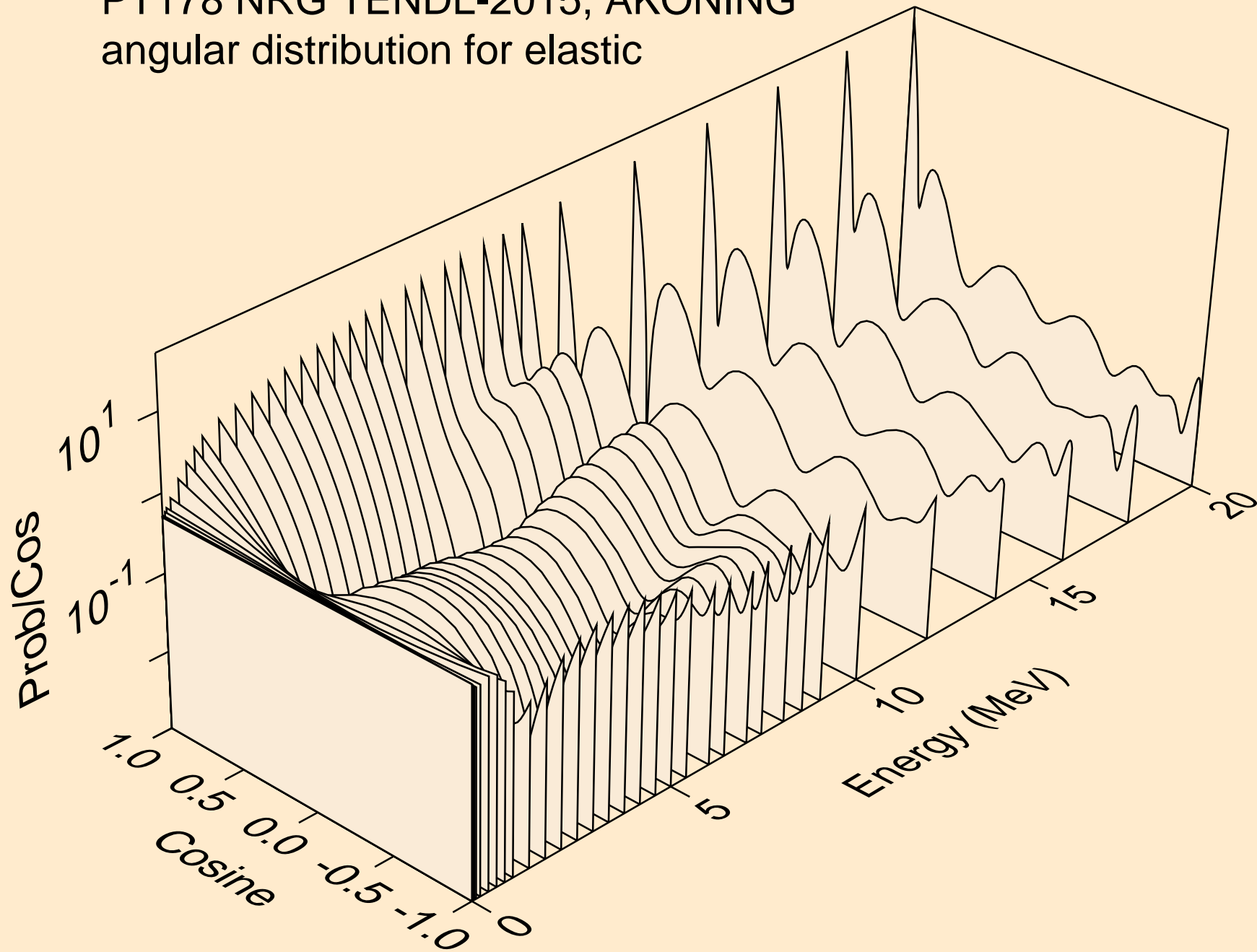


# PT178 NRG TENDL-2015, AKONING

## Threshold reactions

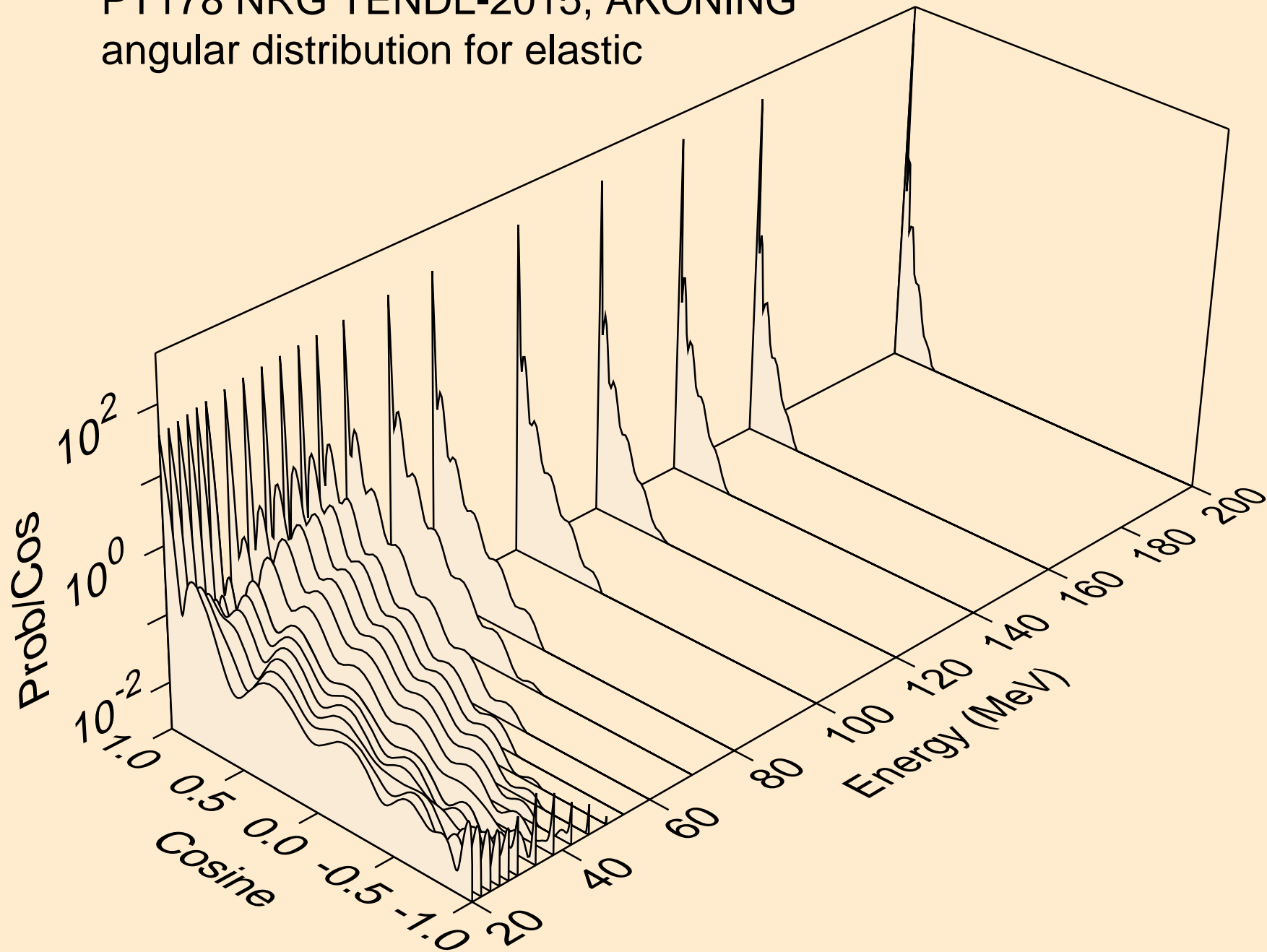


PT178 NRG TENDL-2015, AKONING  
angular distribution for elastic

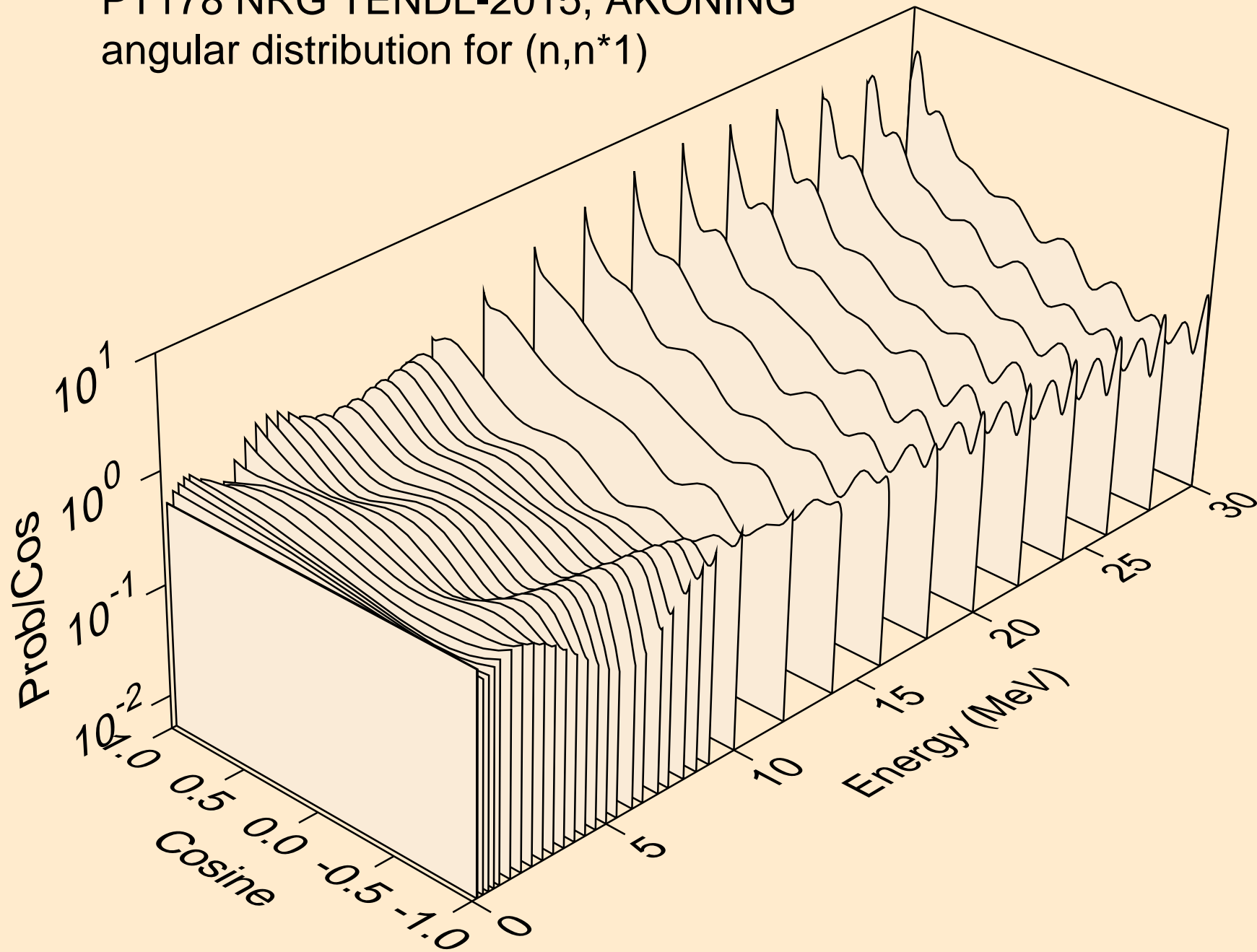




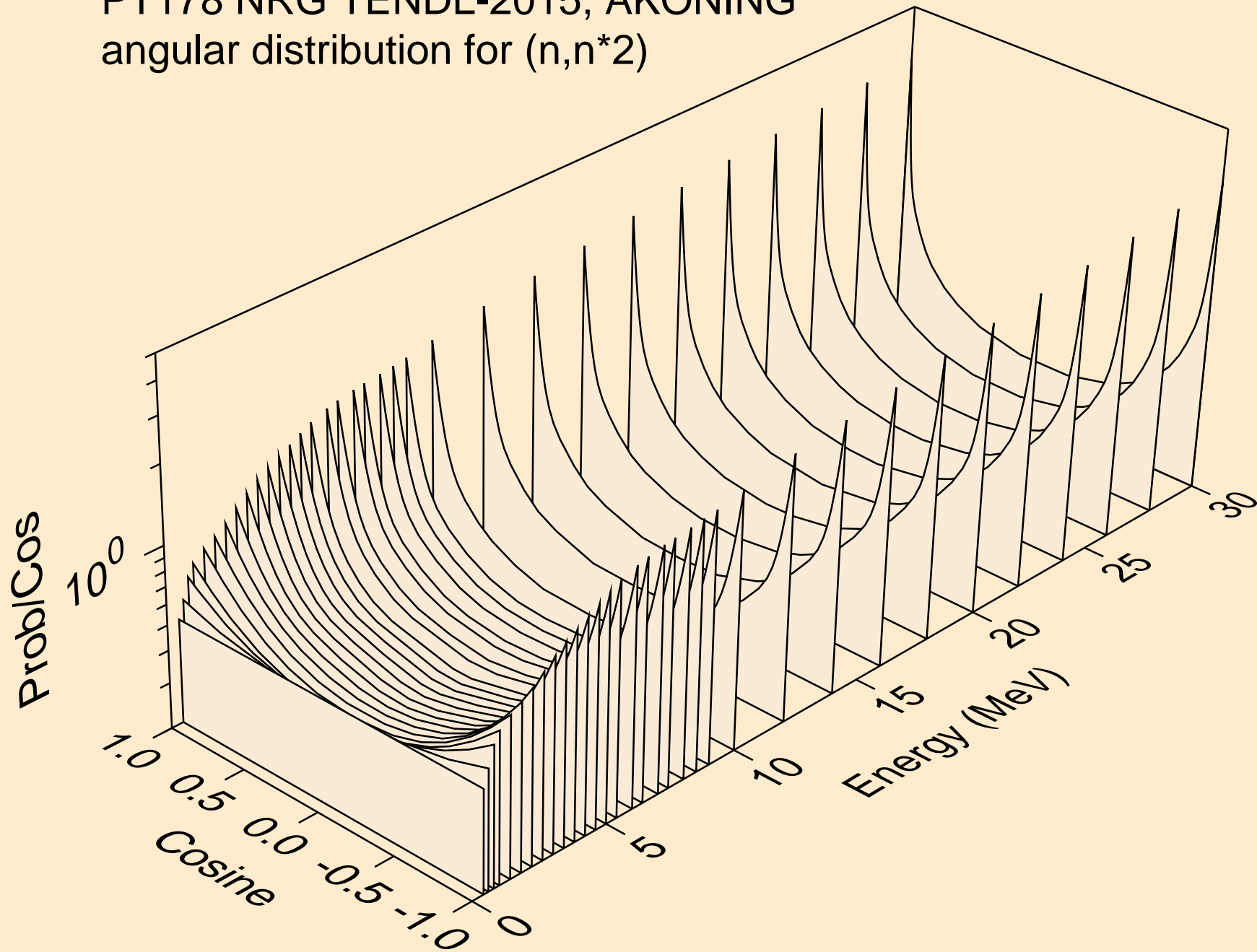
PT178 NRG TENDL-2015, AKONING  
angular distribution for elastic



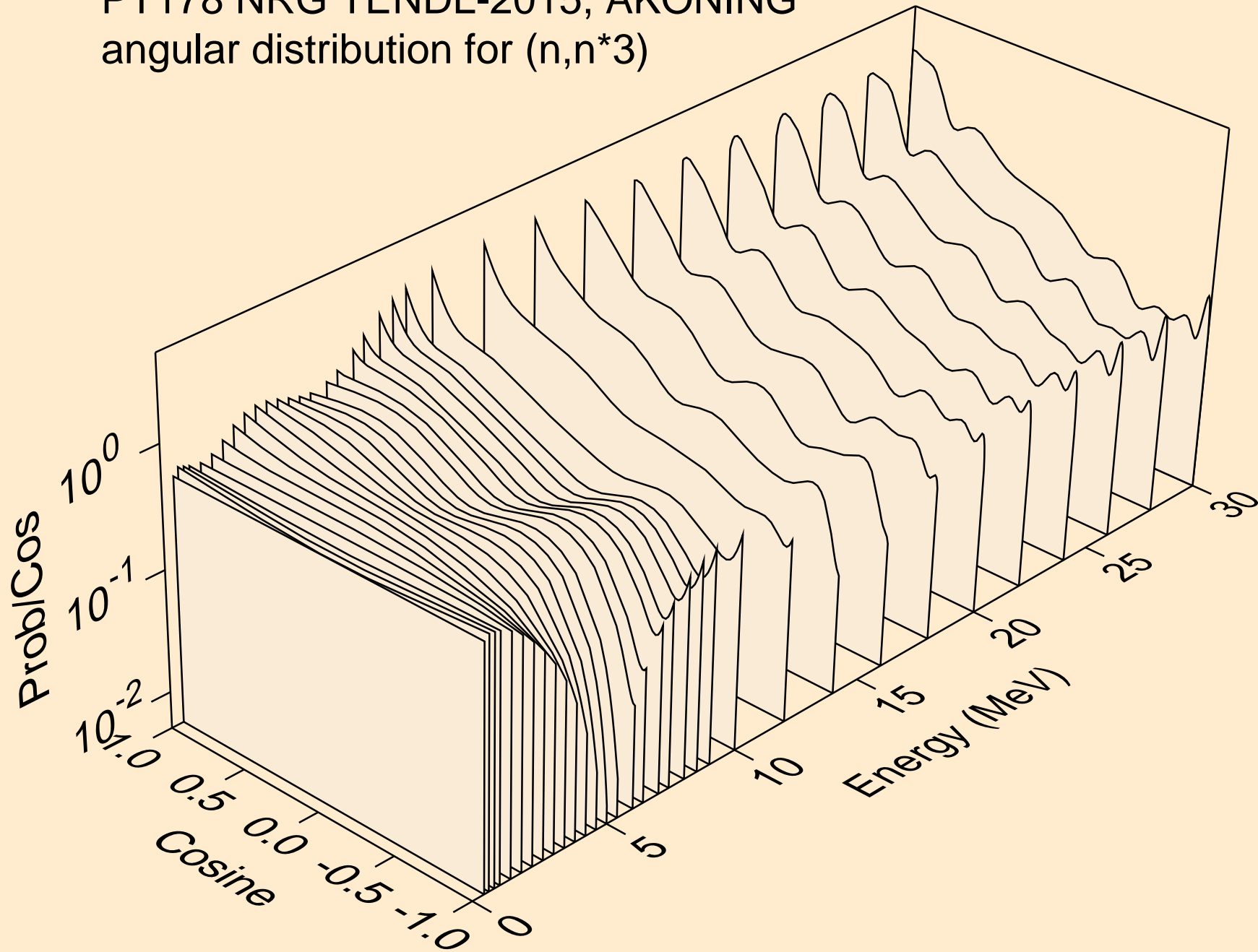
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



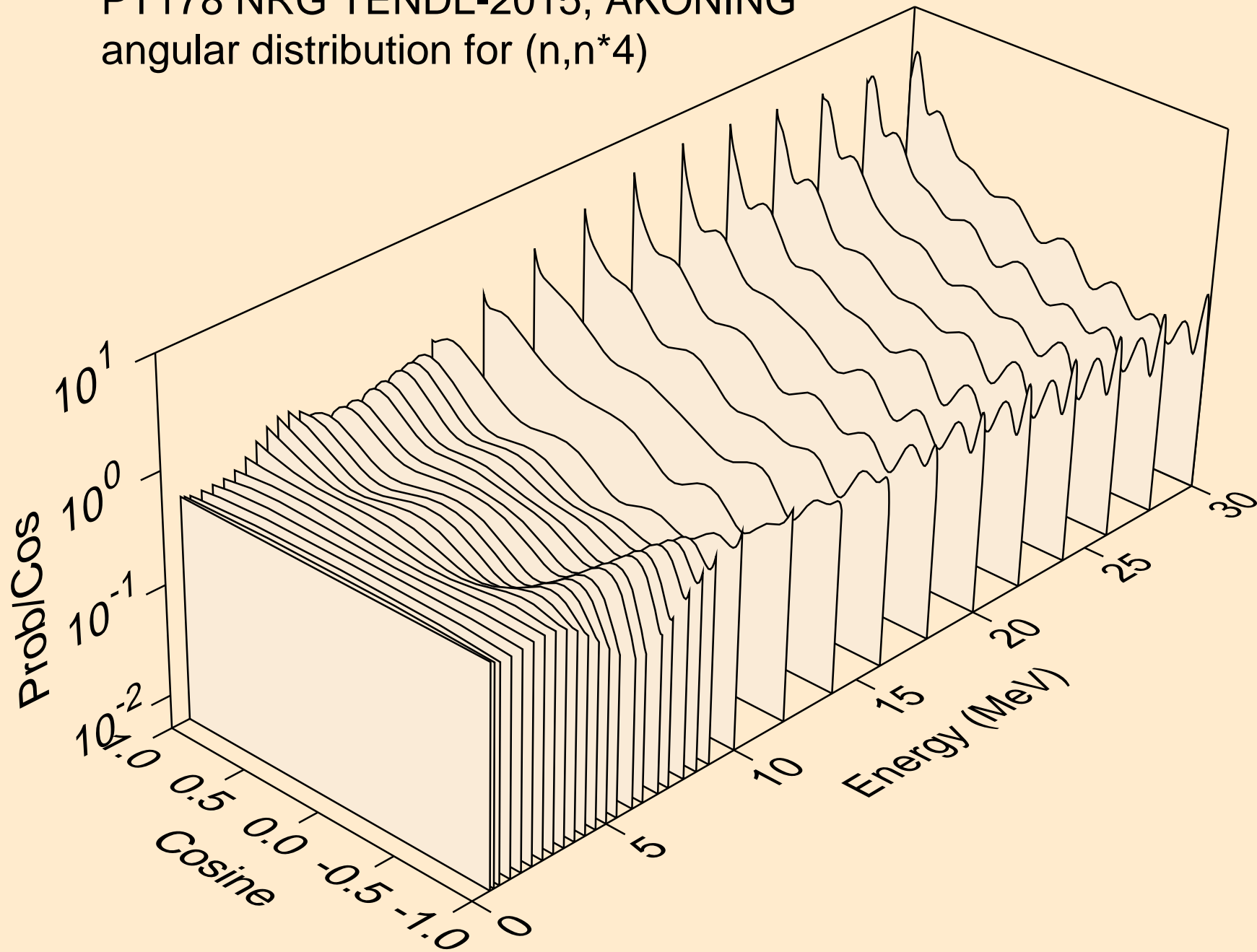
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



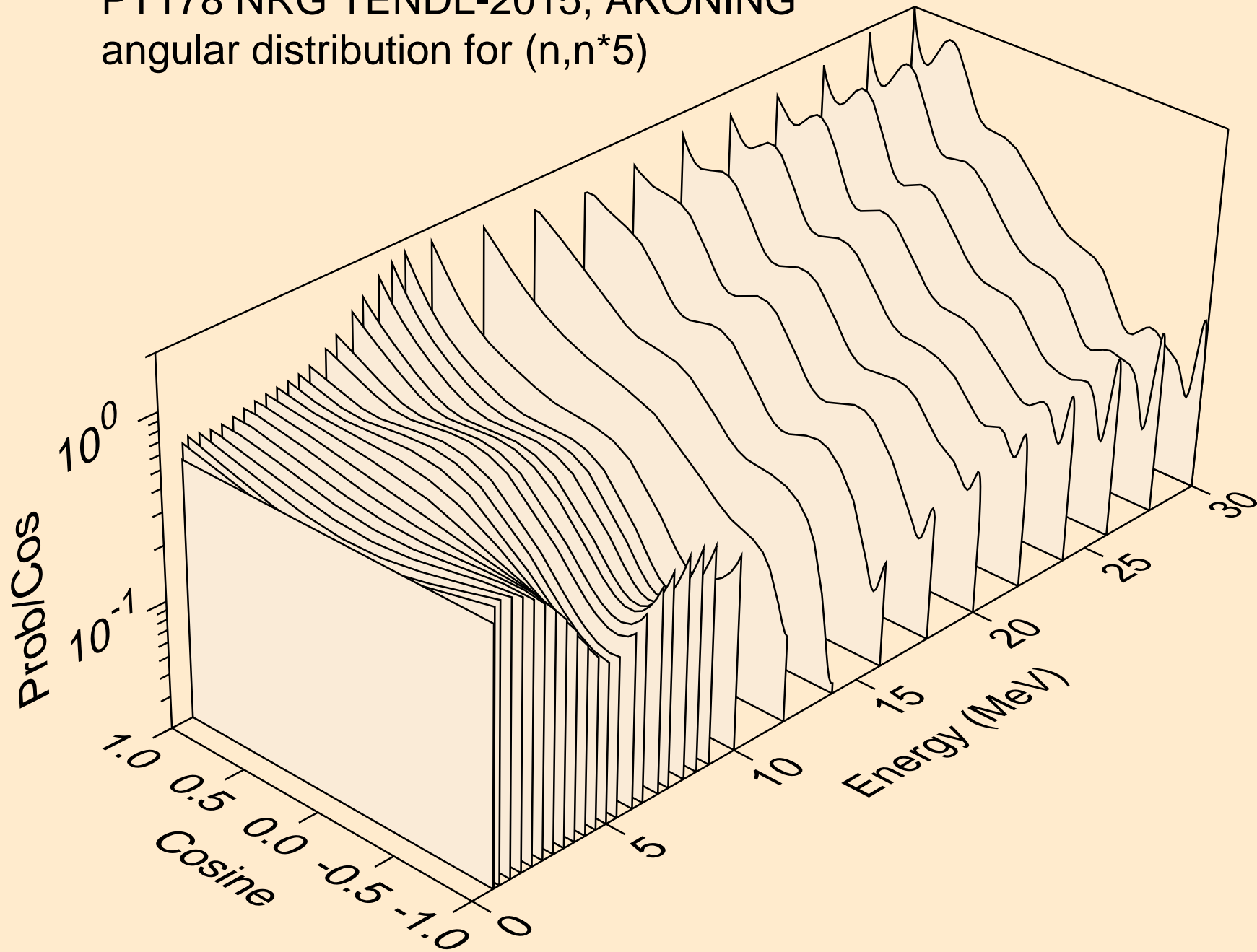
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



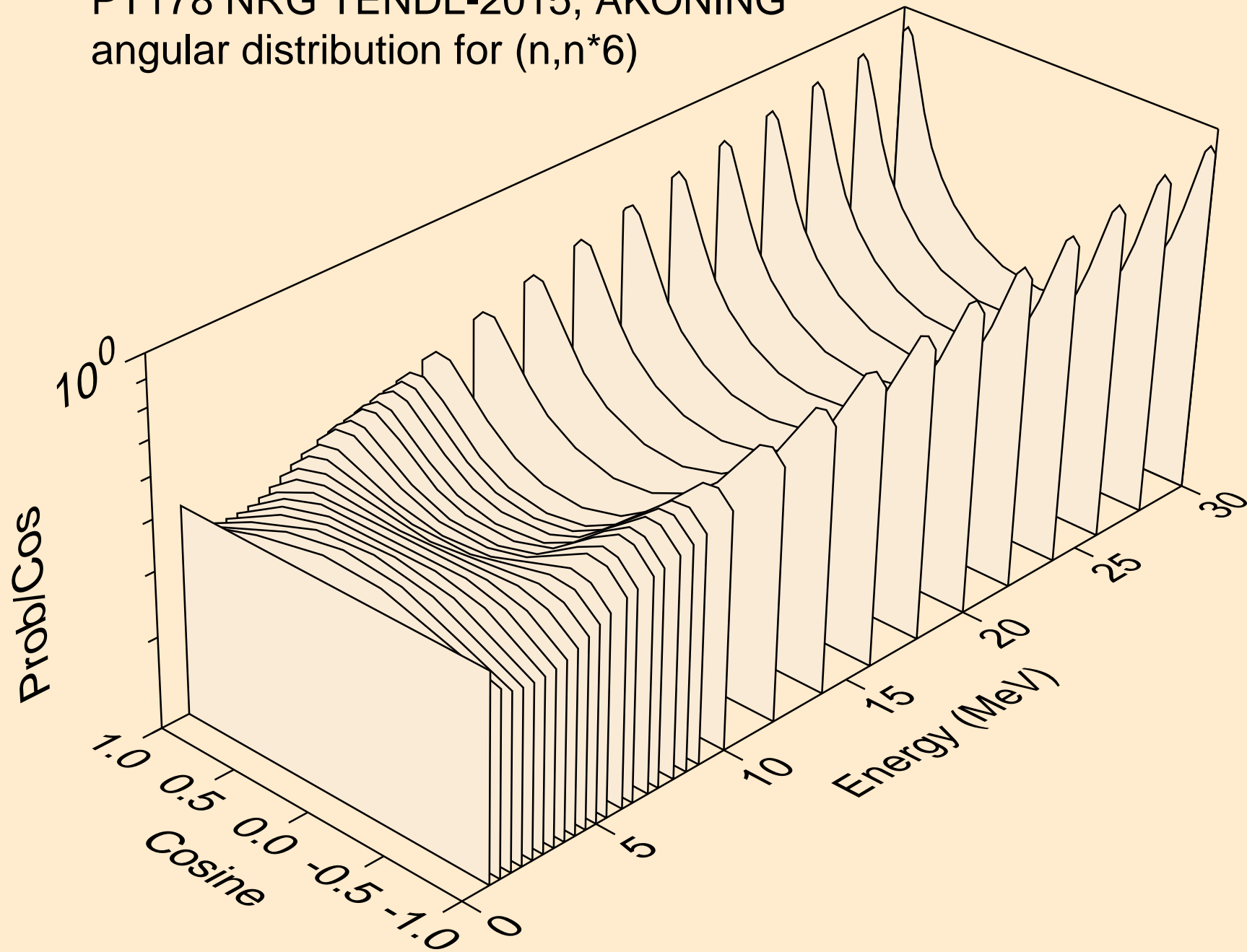
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



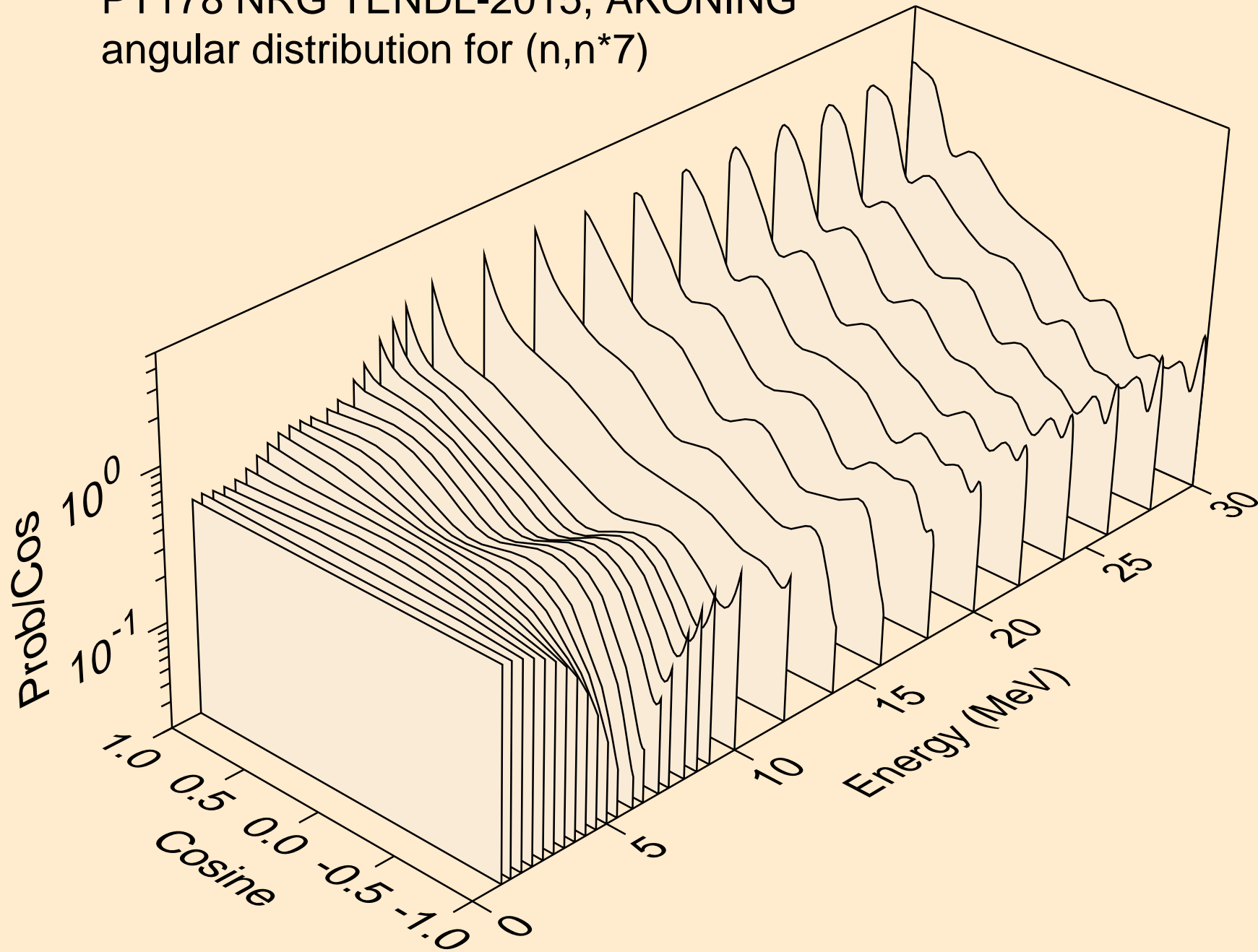
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

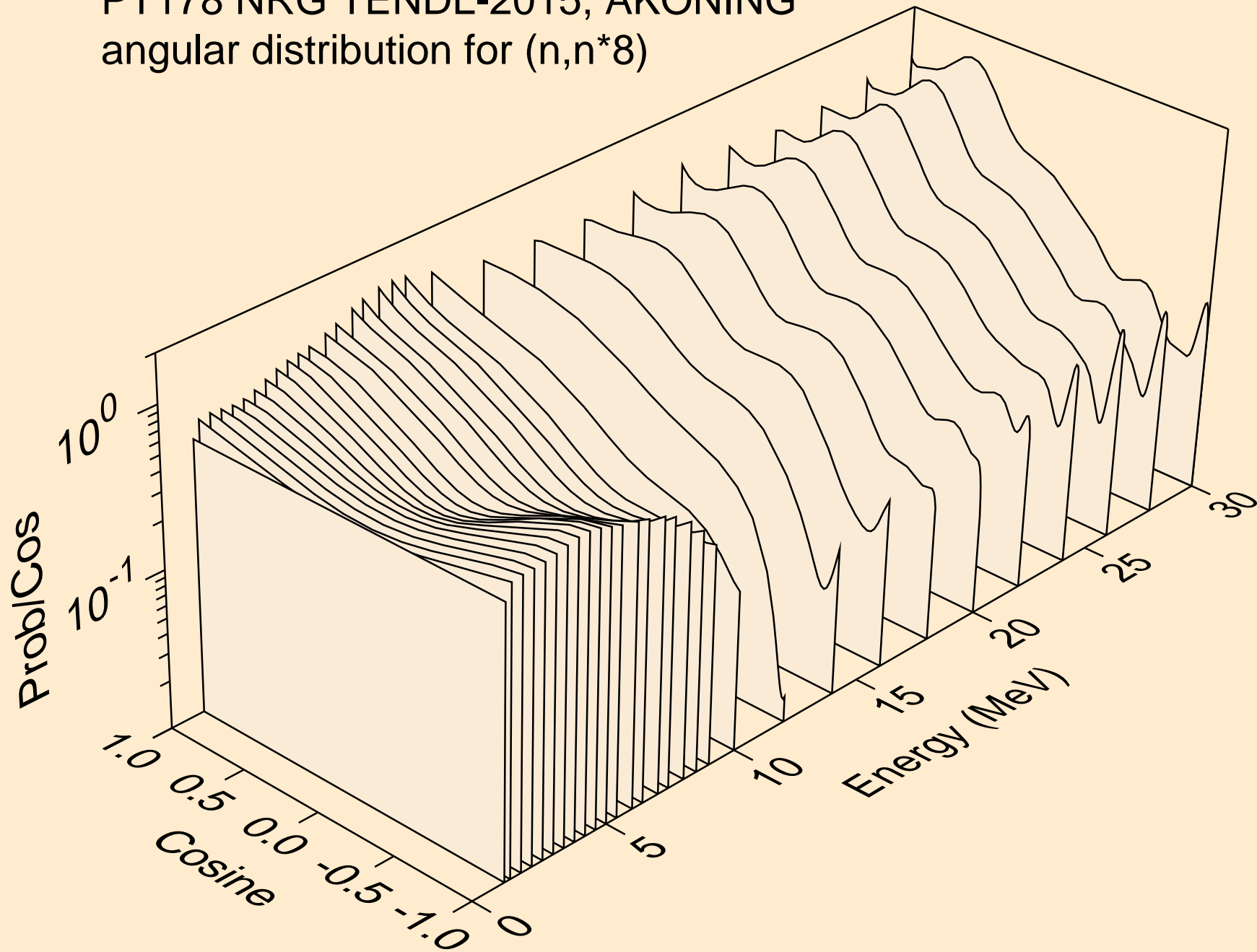


PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

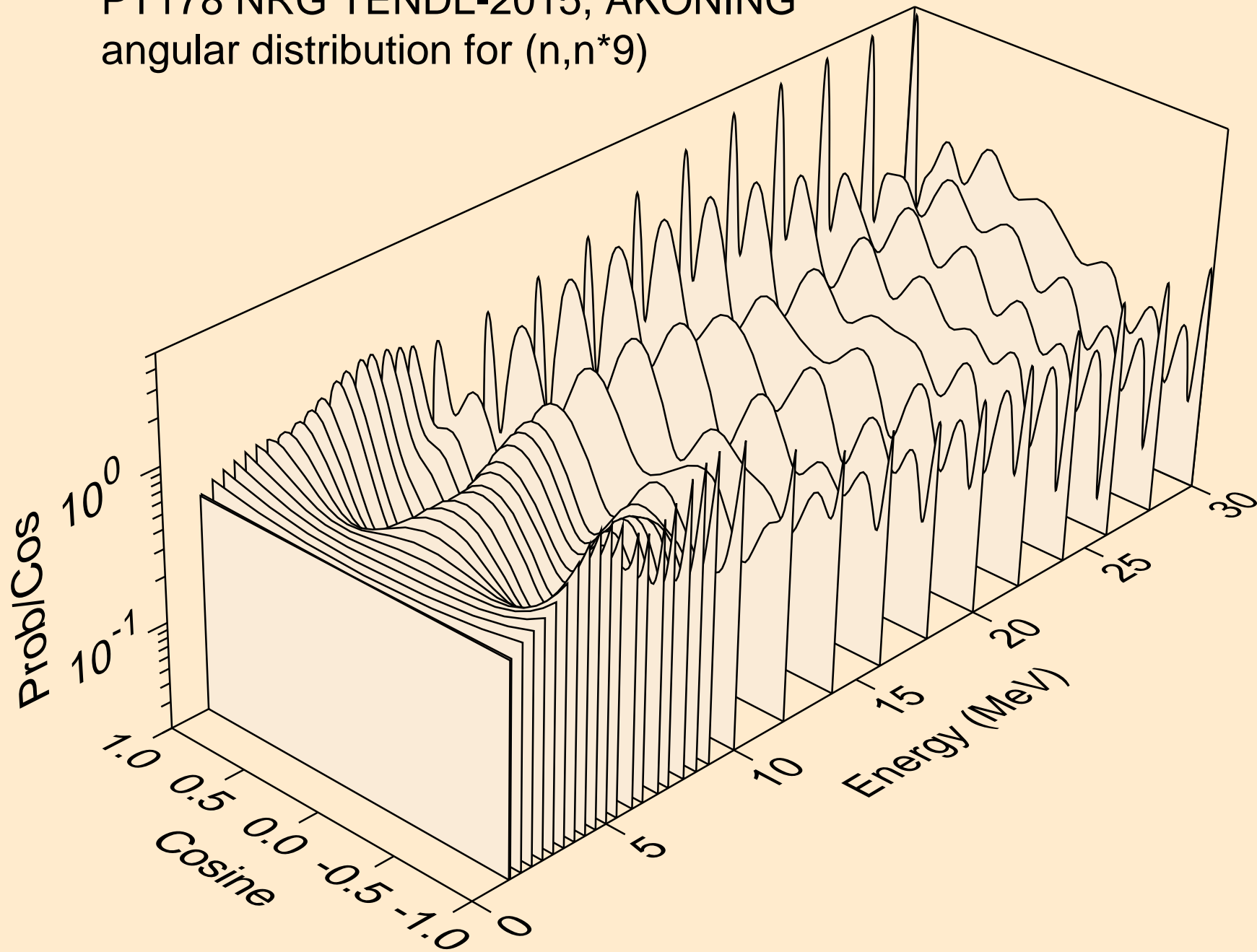




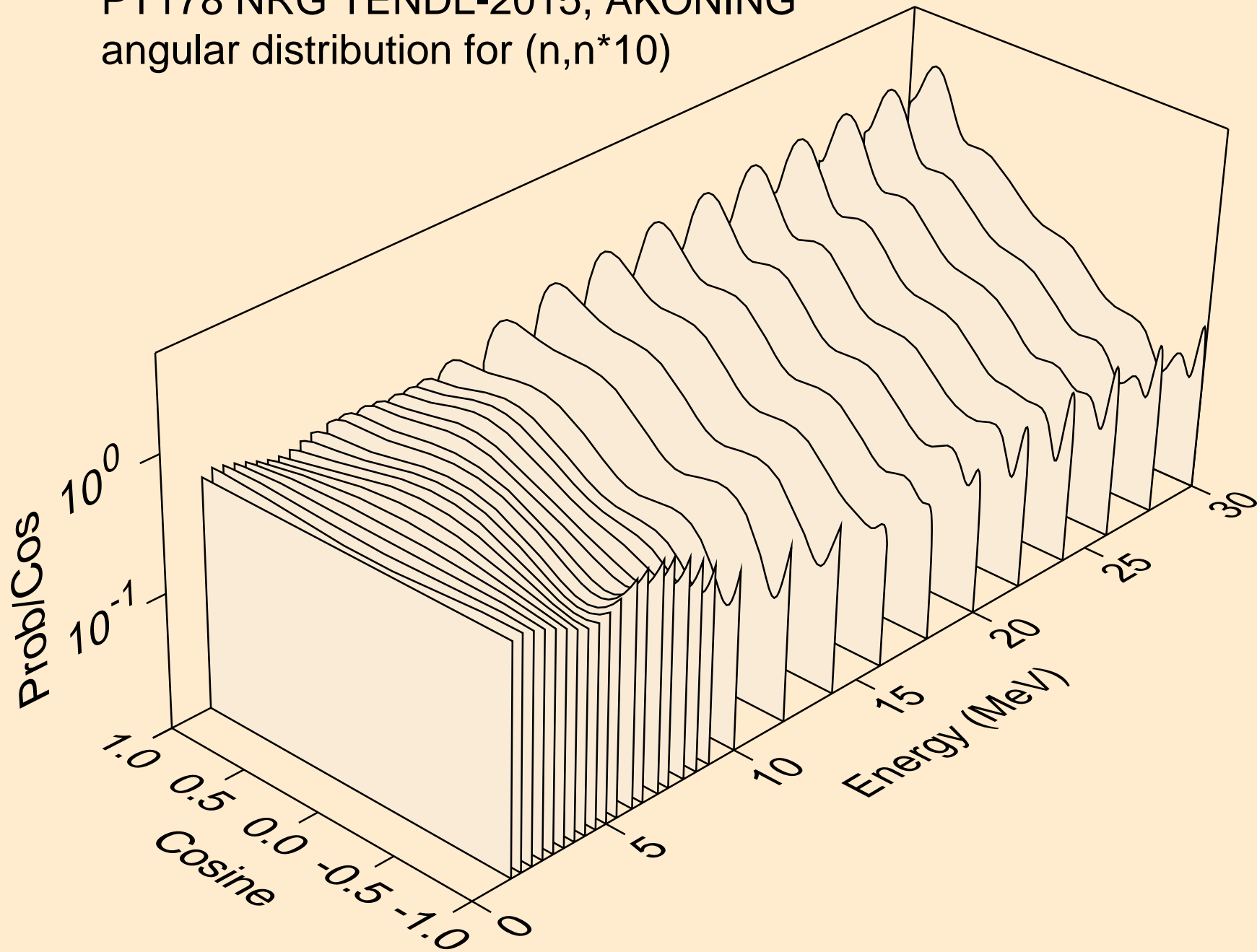
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



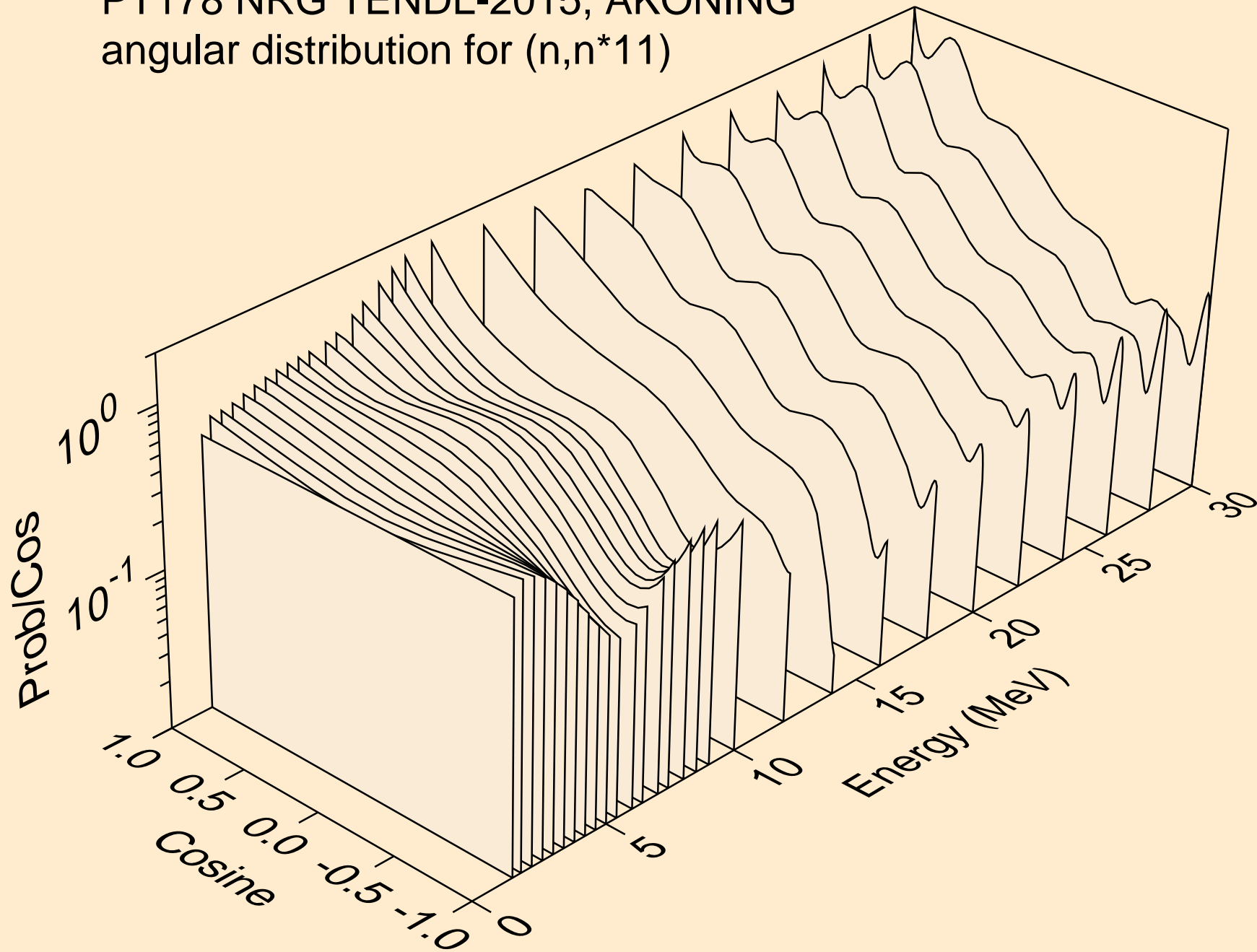
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



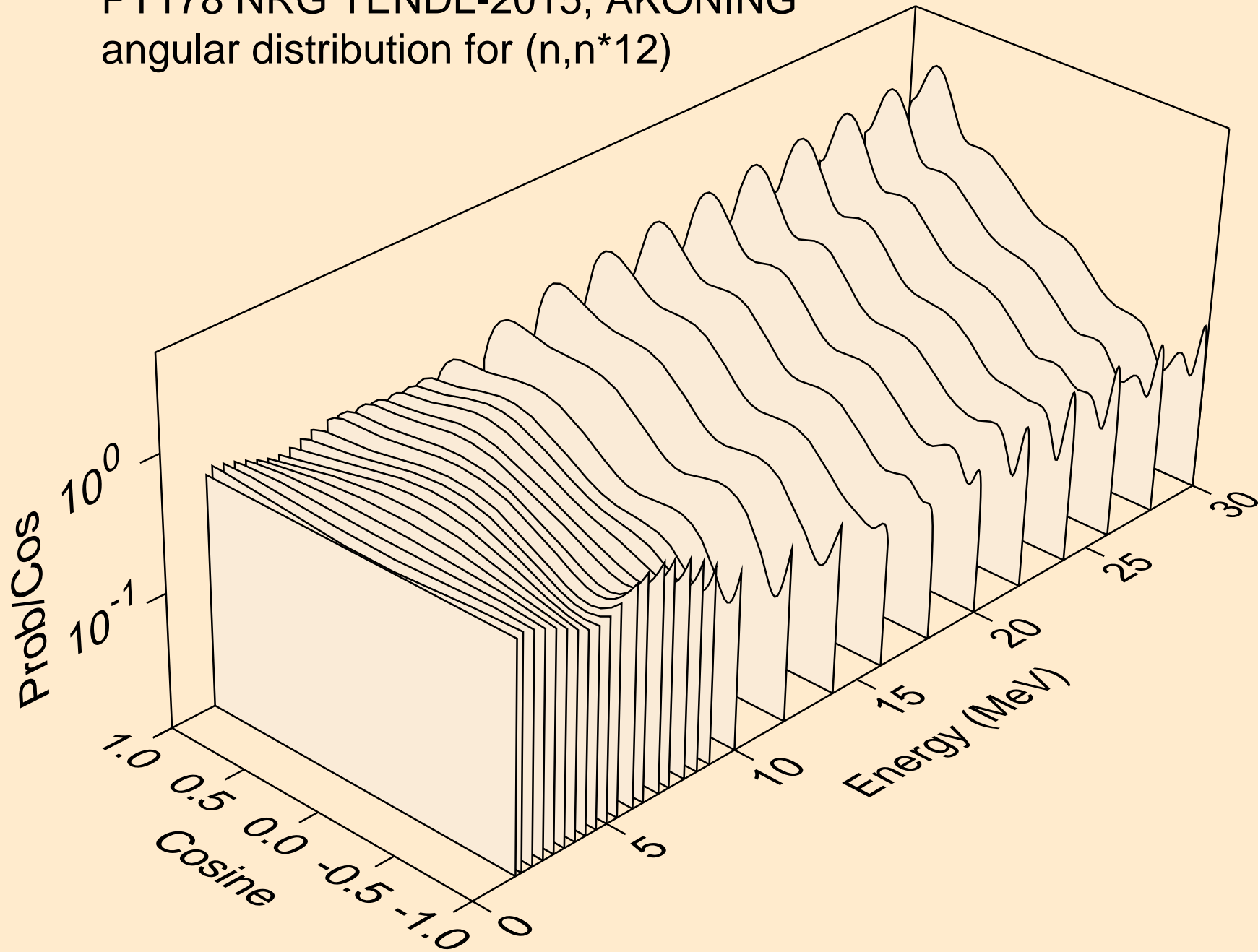
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



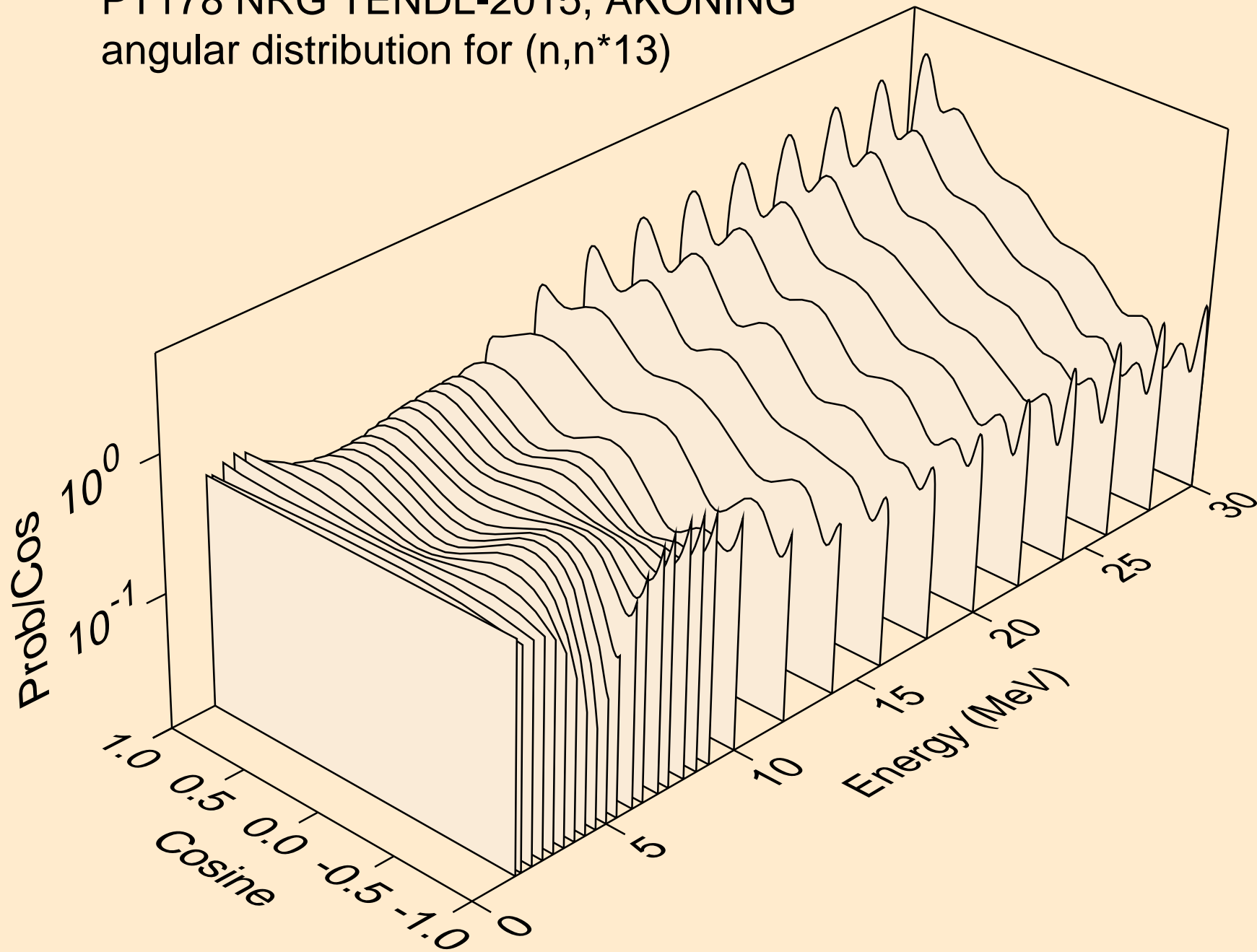
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



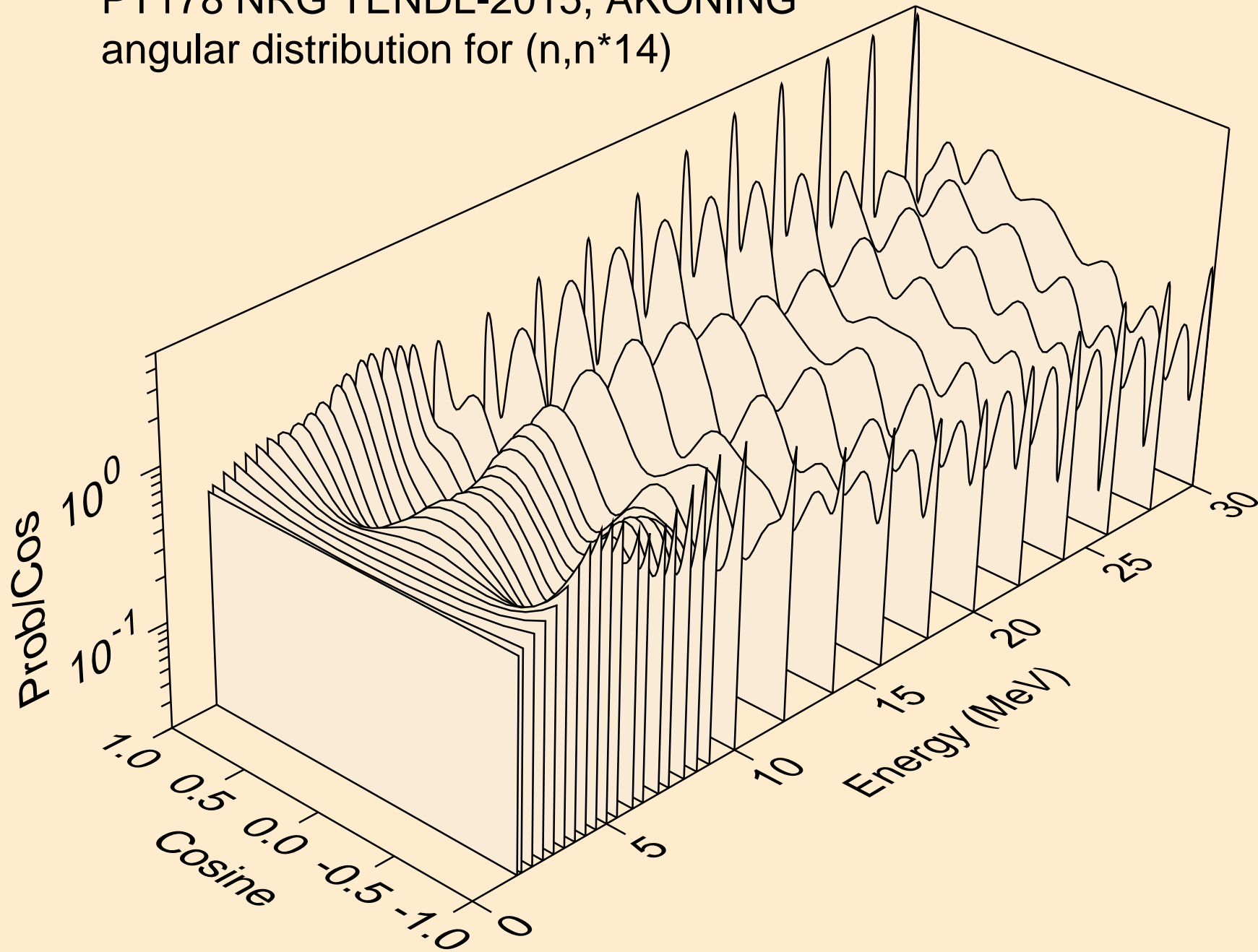
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



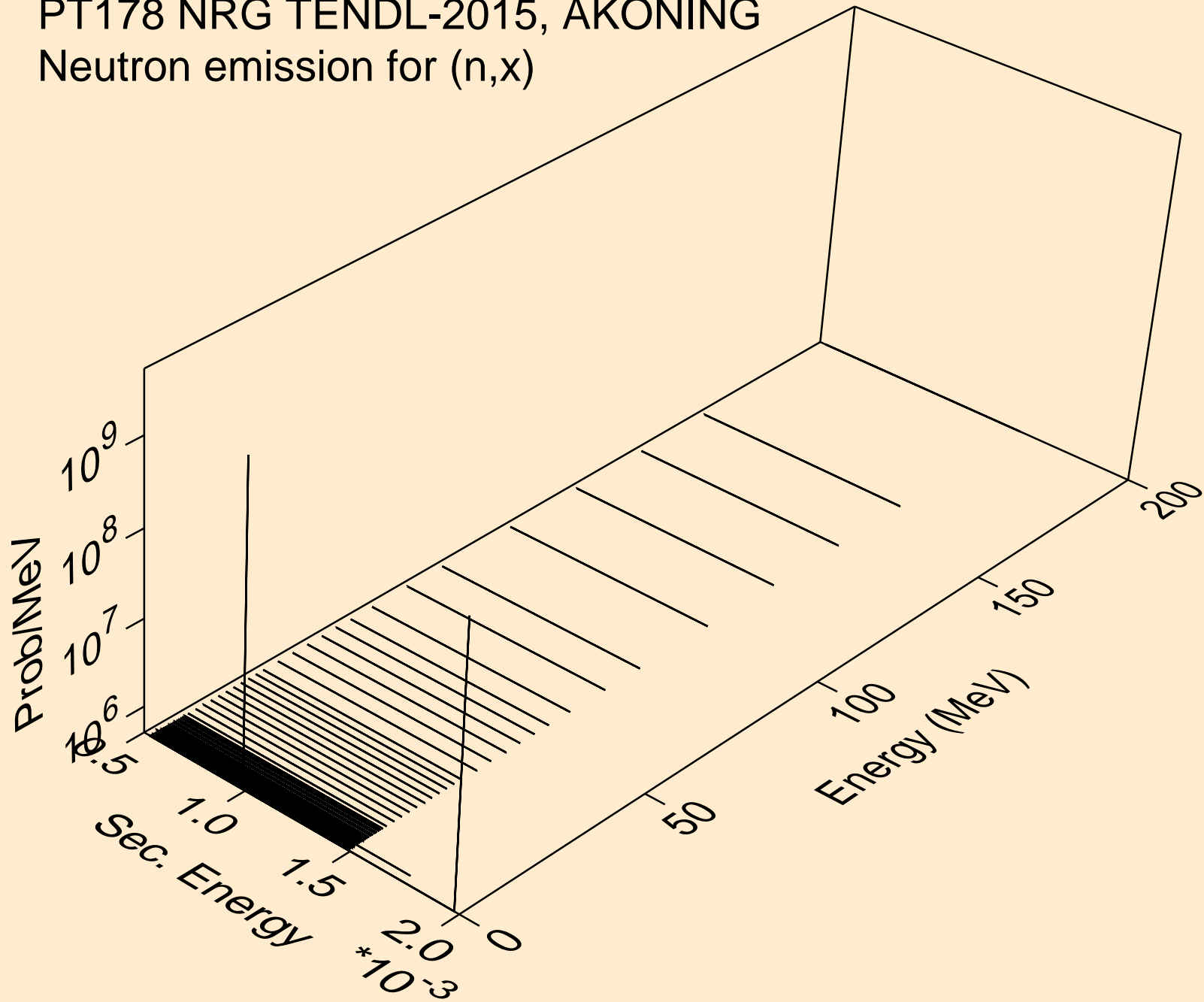
PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PT178 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

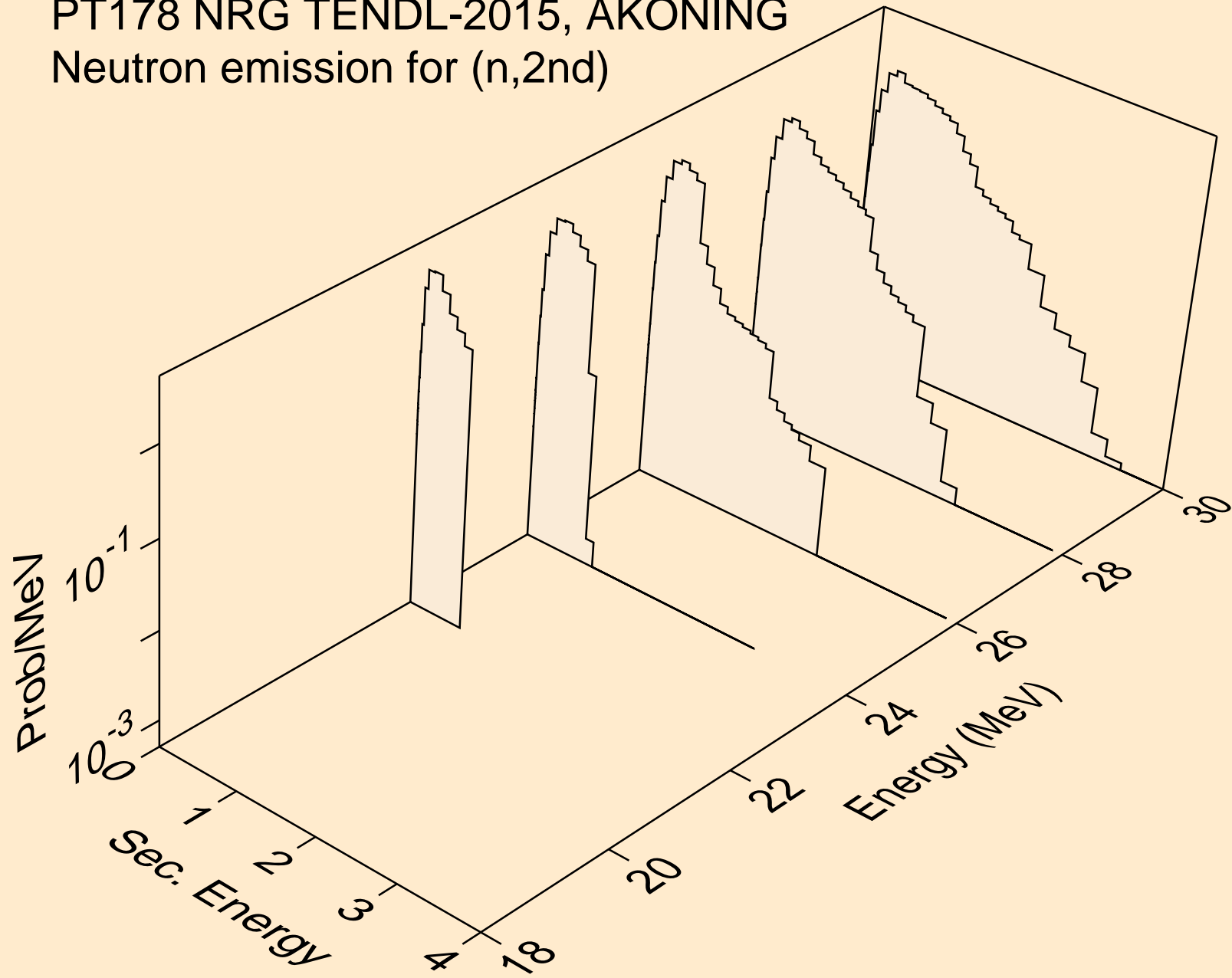


PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

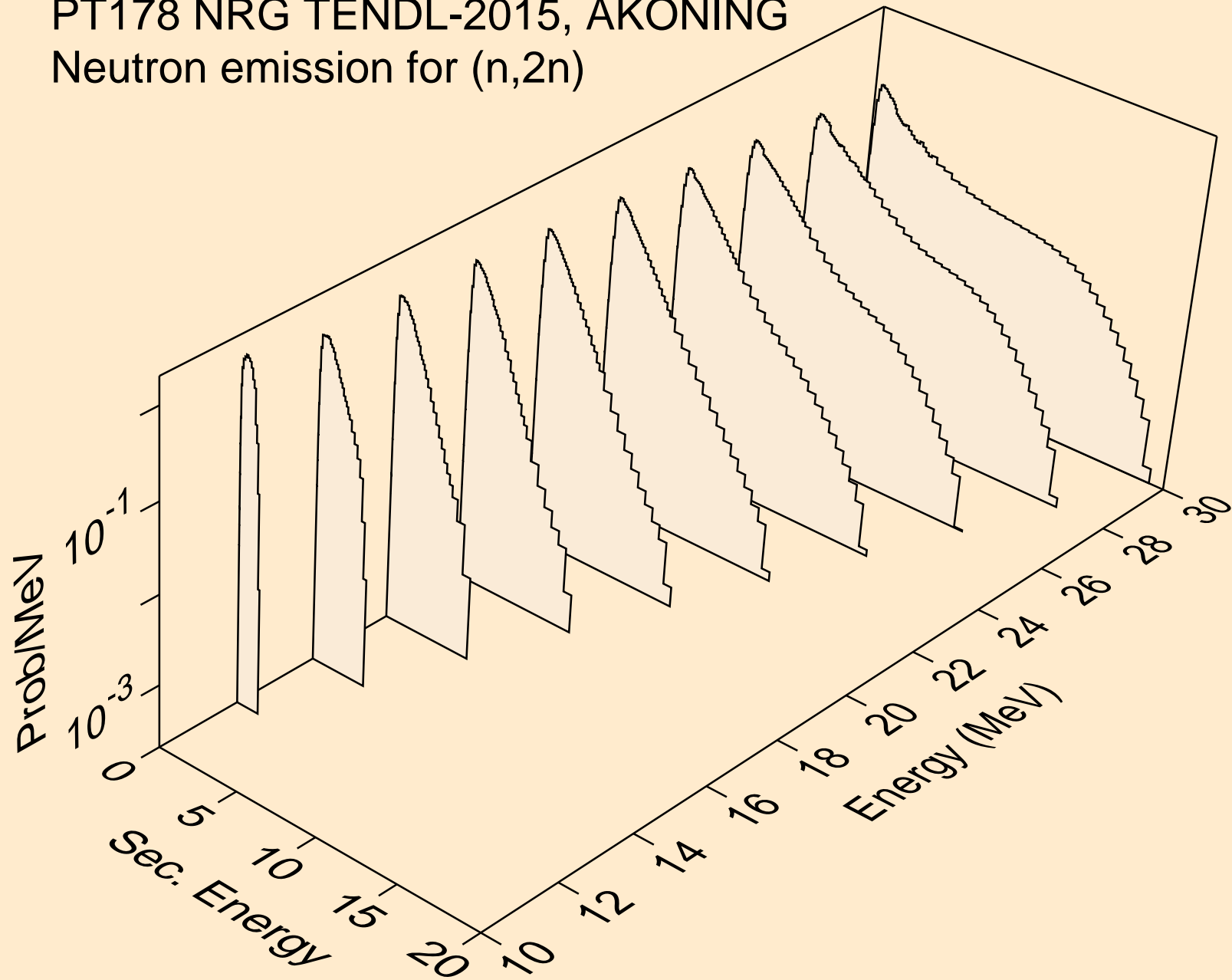




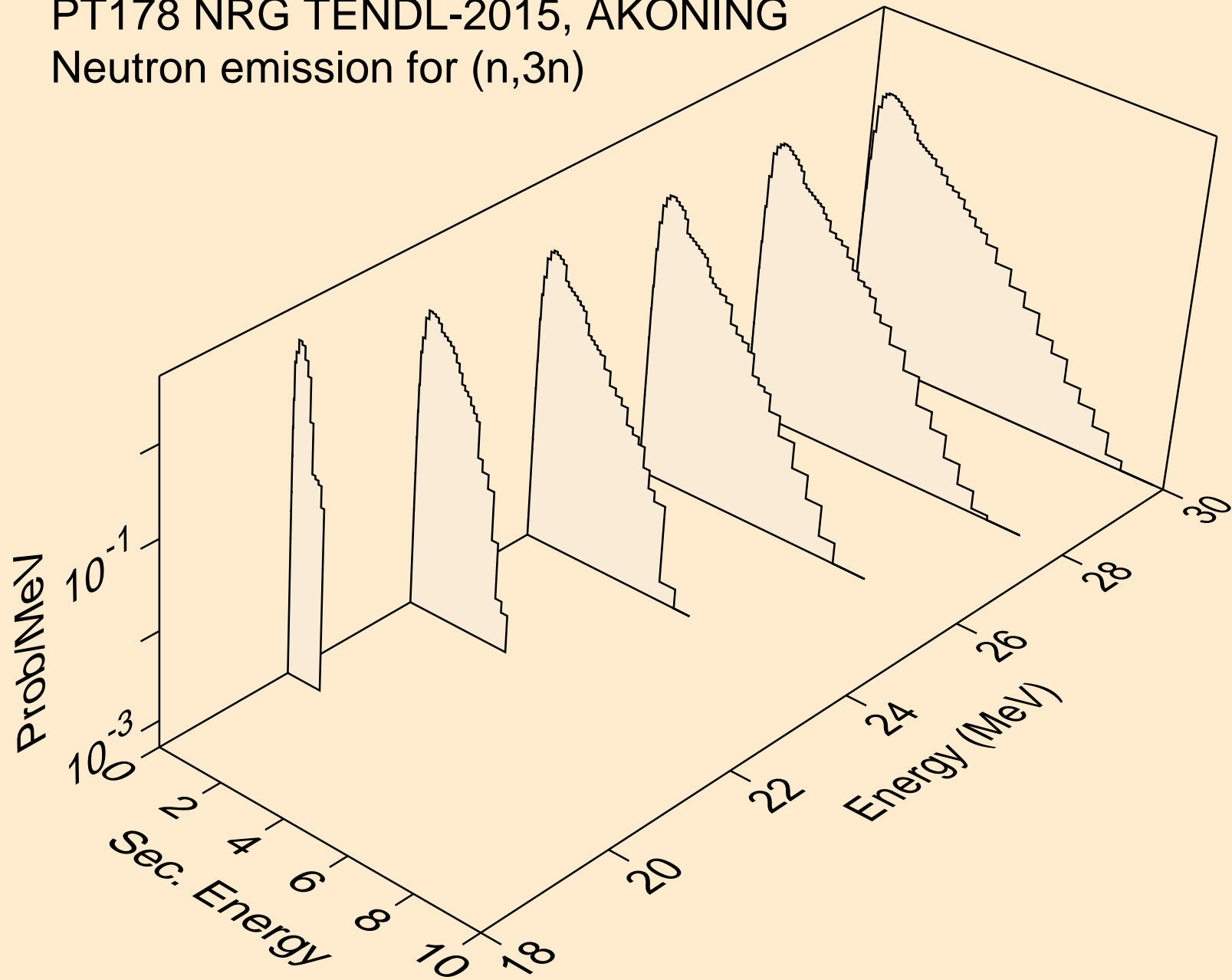
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



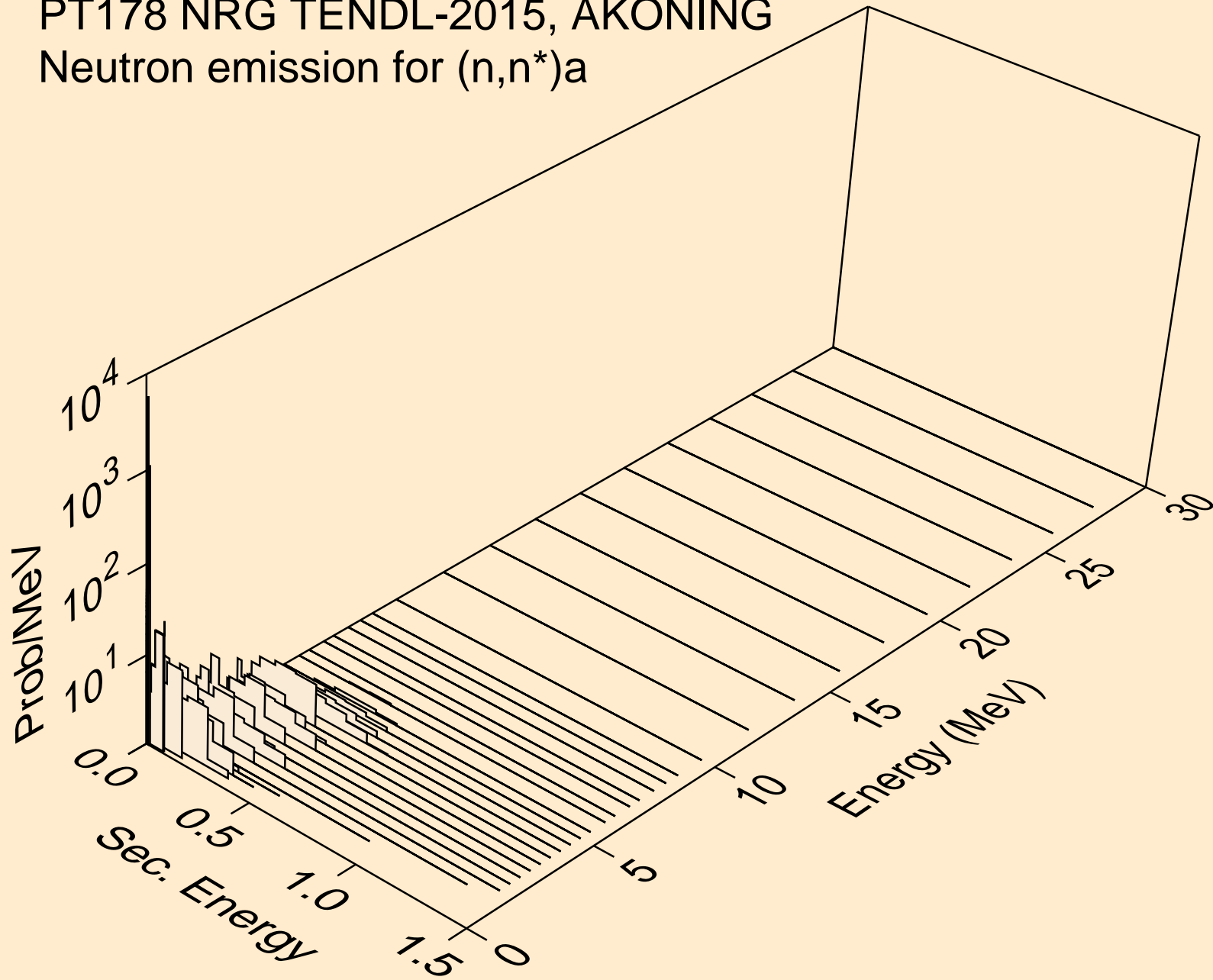
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



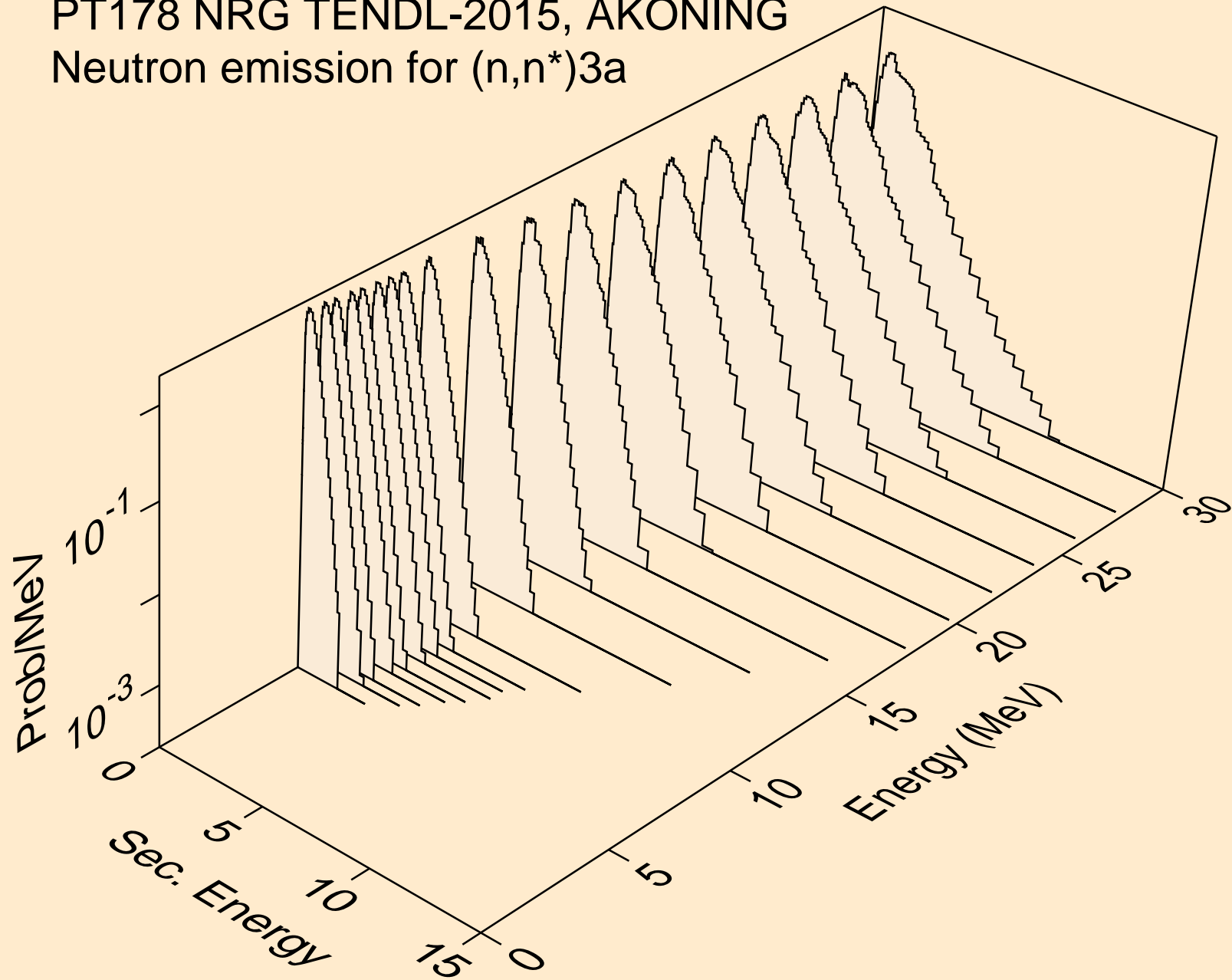
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



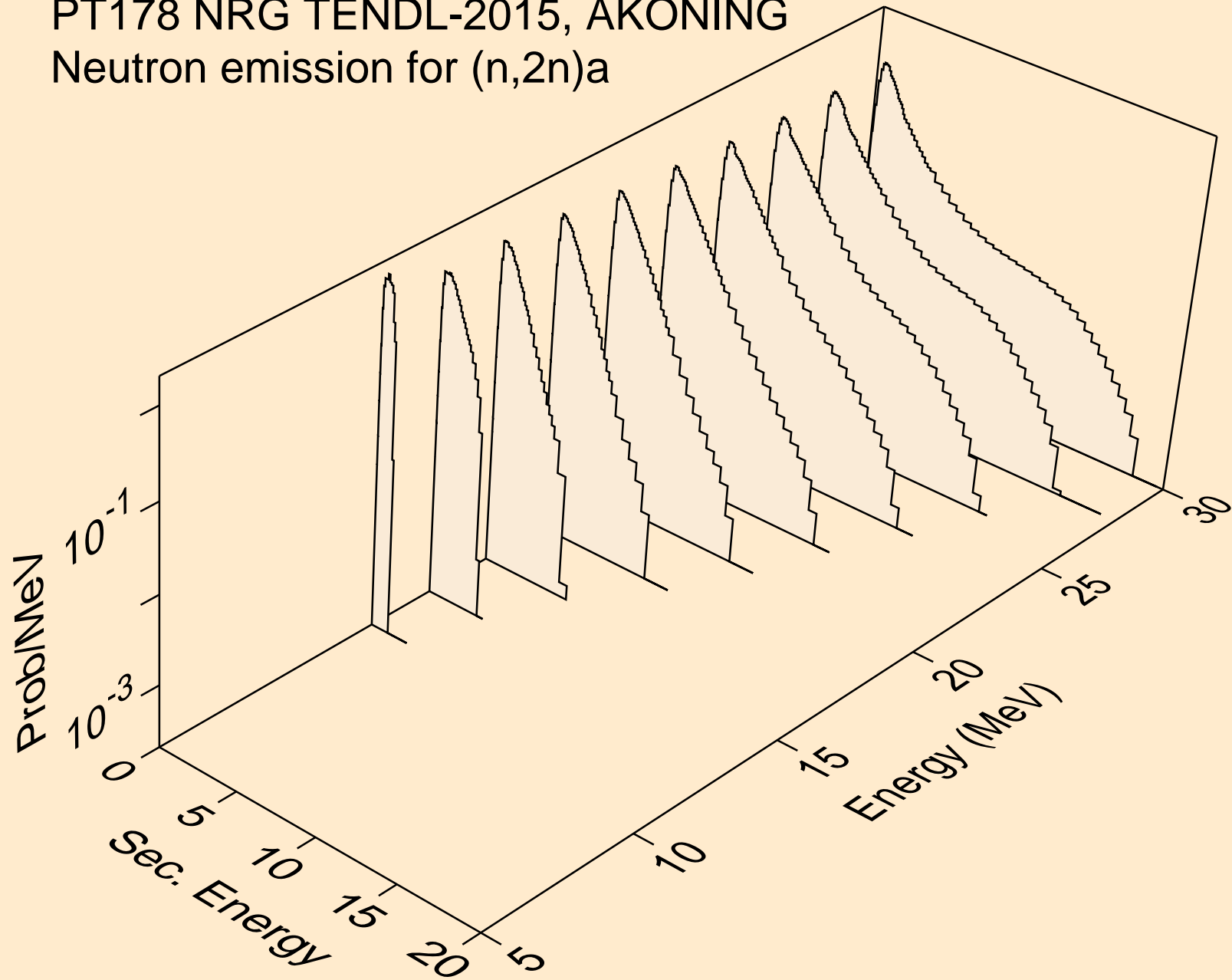
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



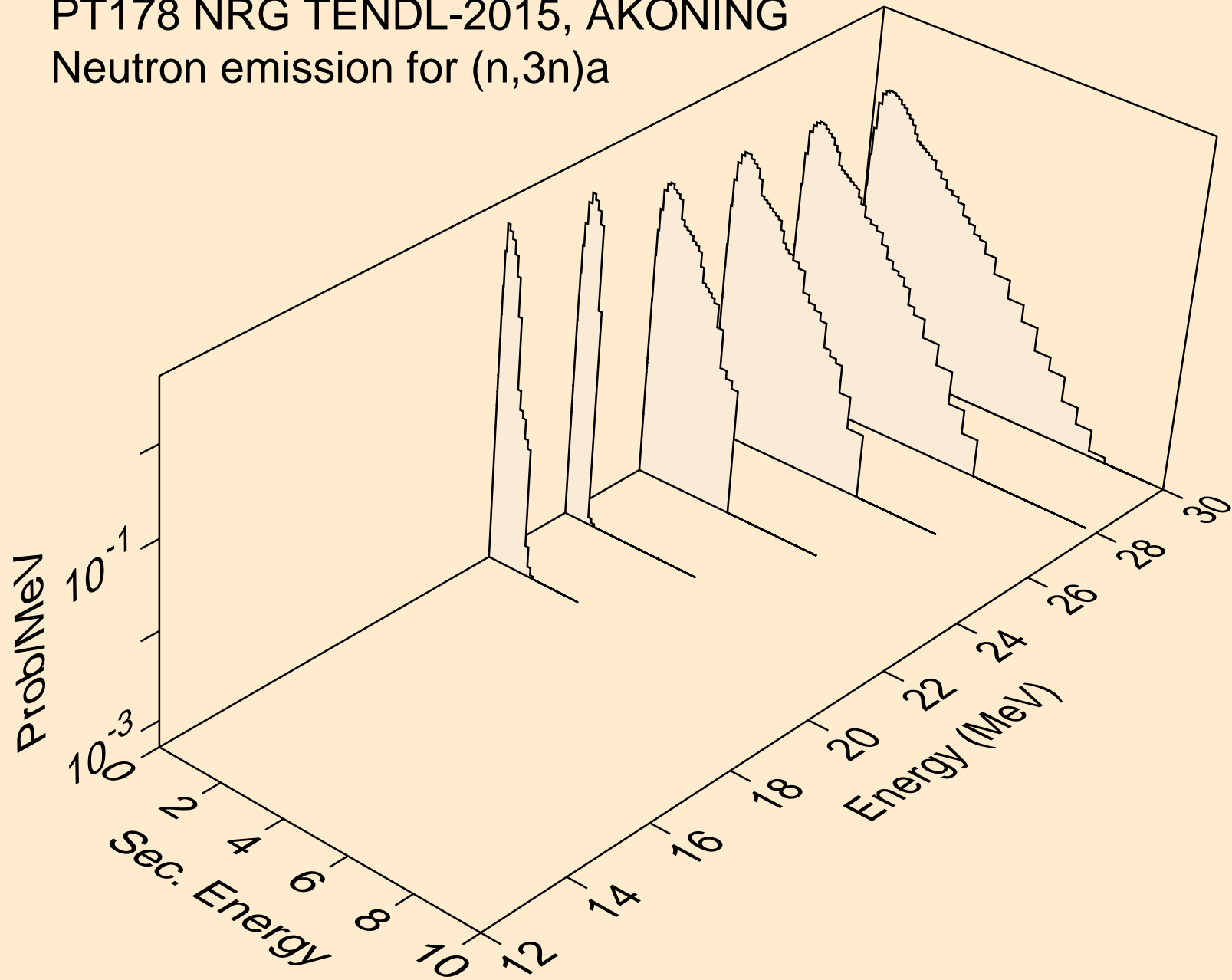
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



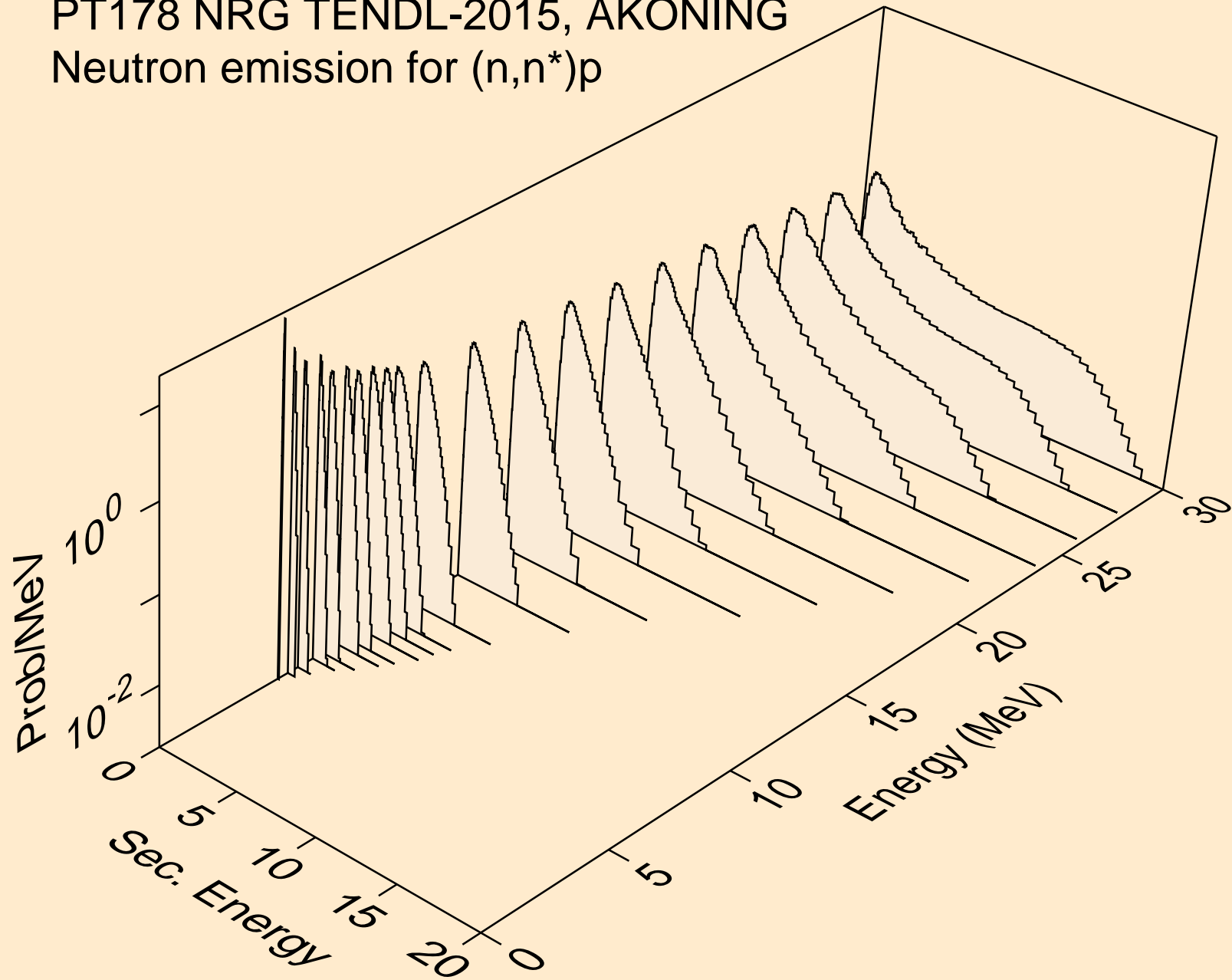
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

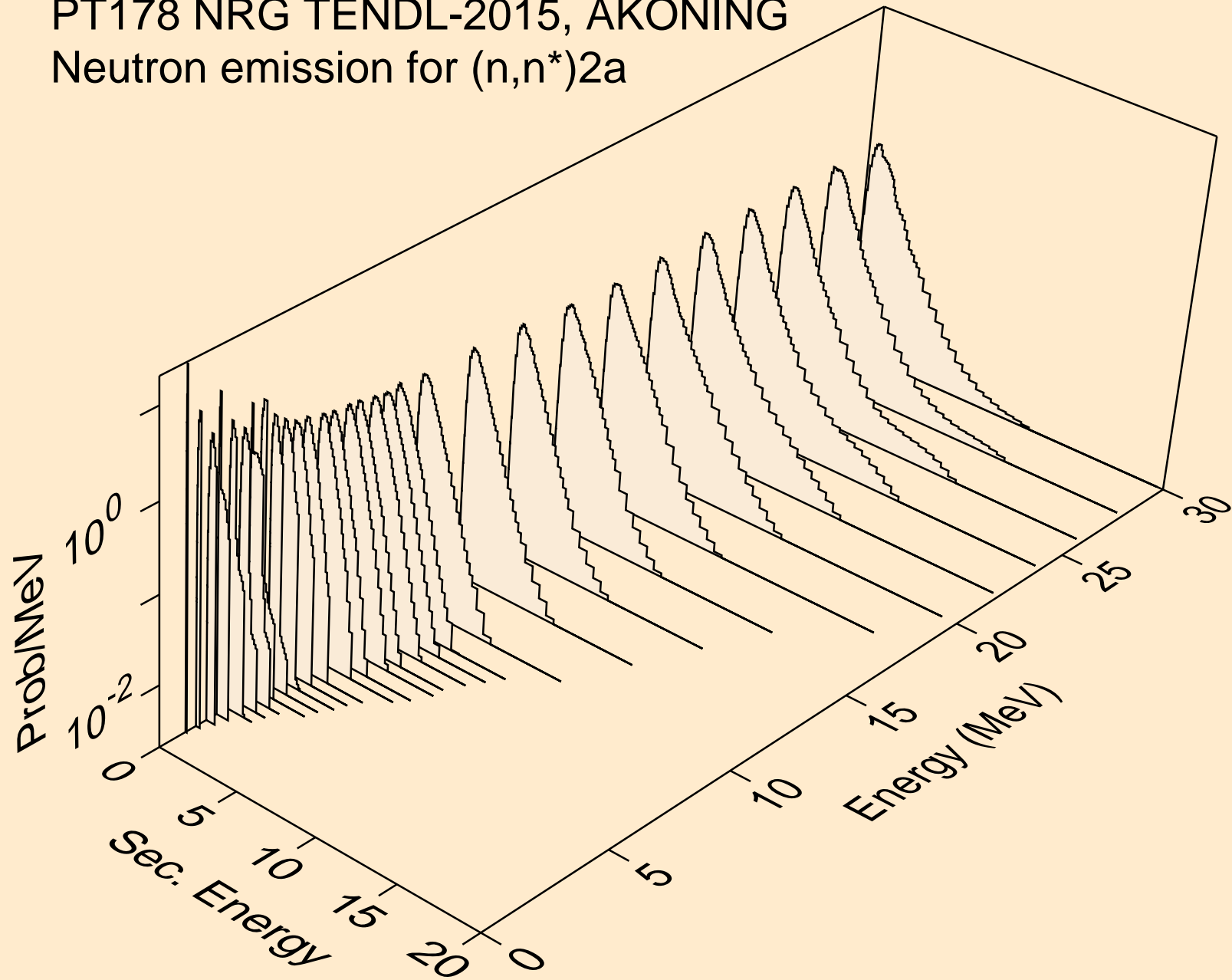


PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

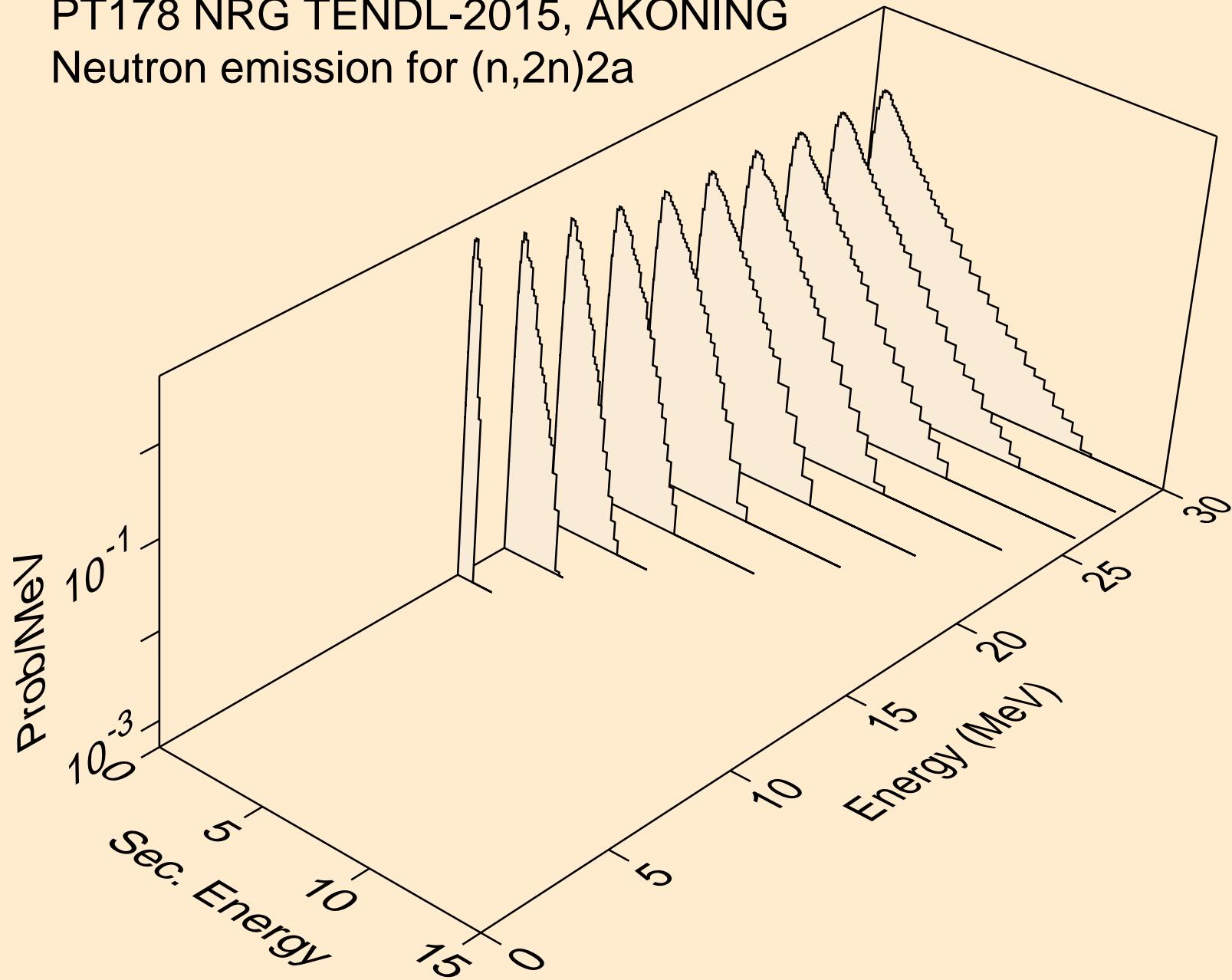




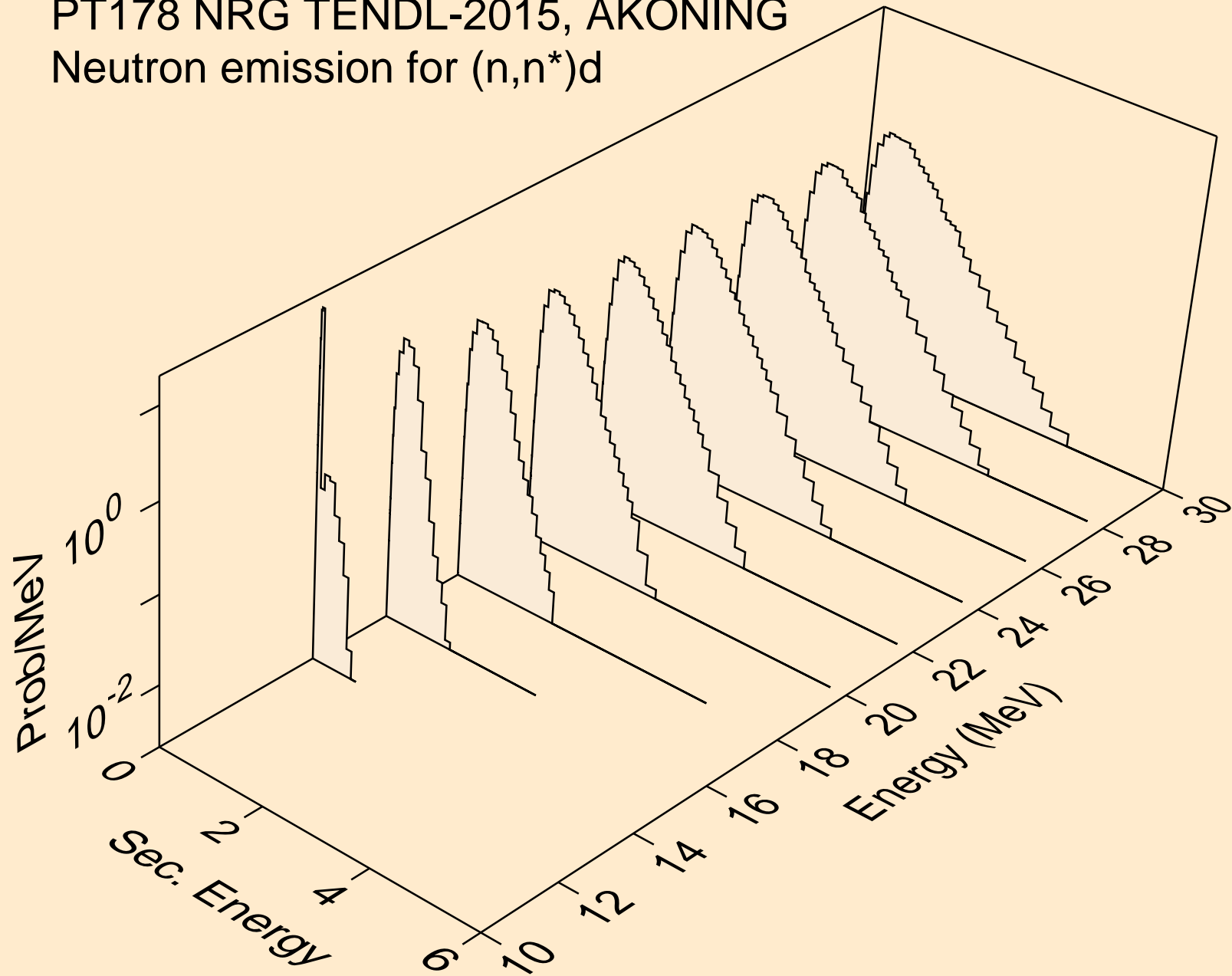
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



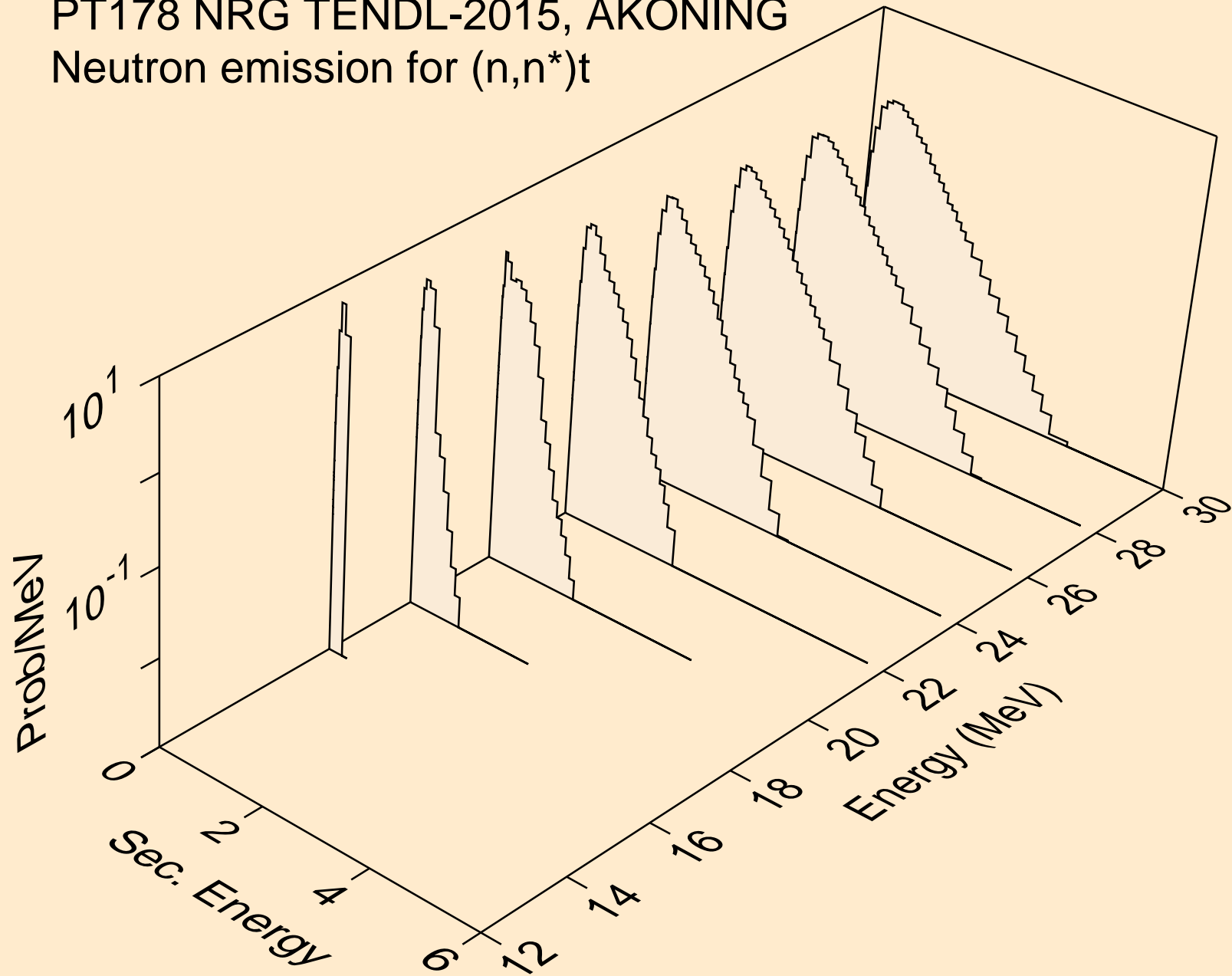
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



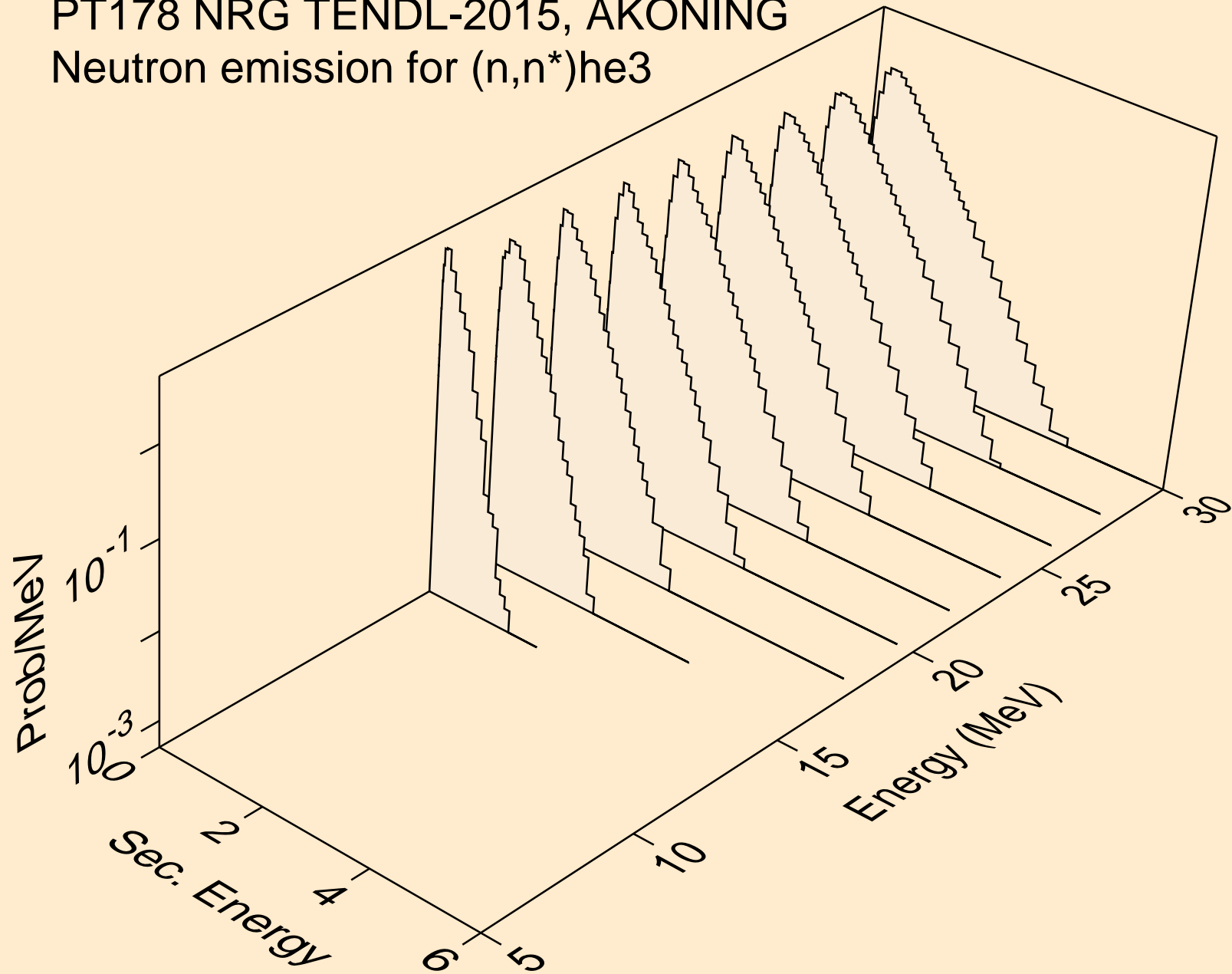
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



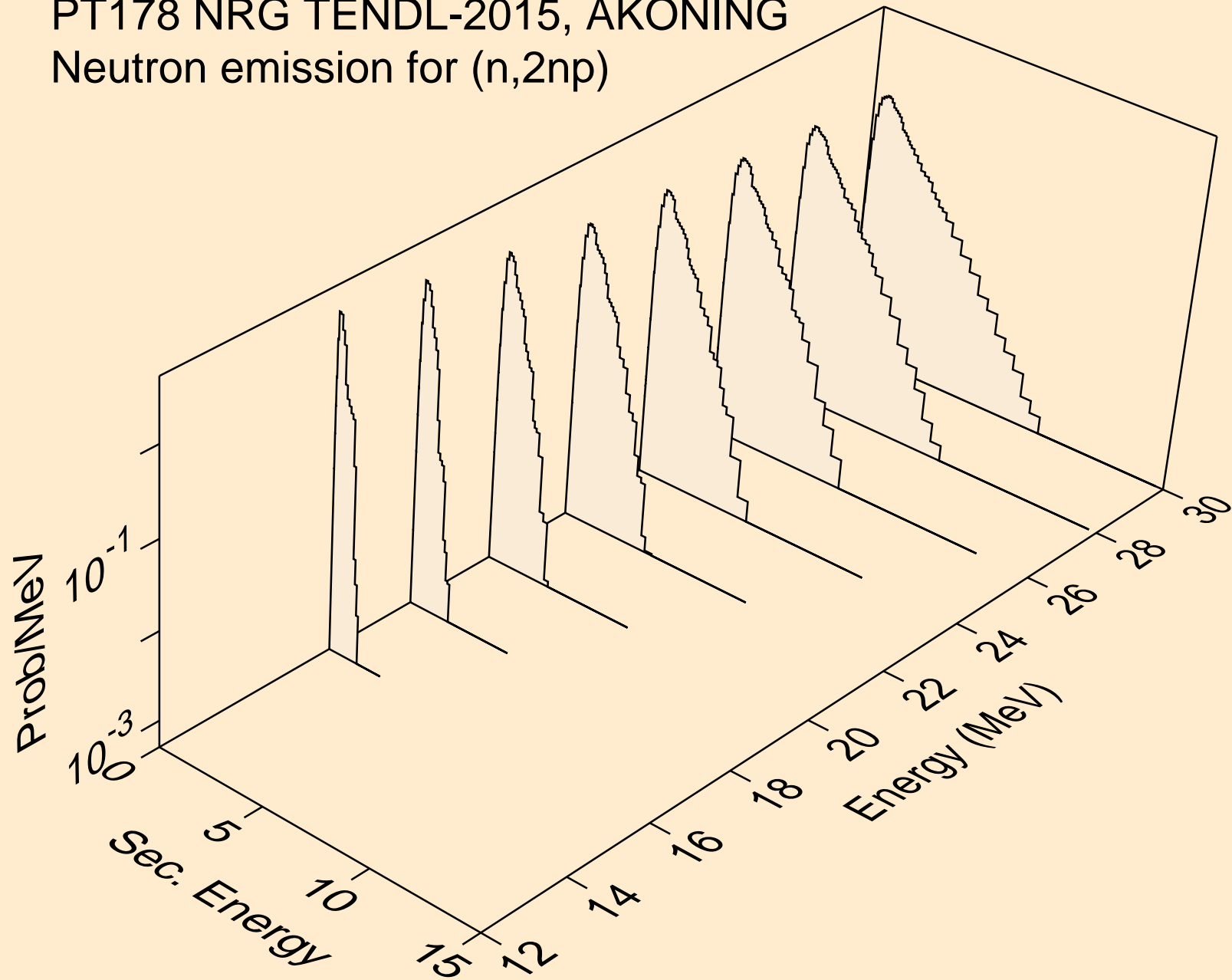
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



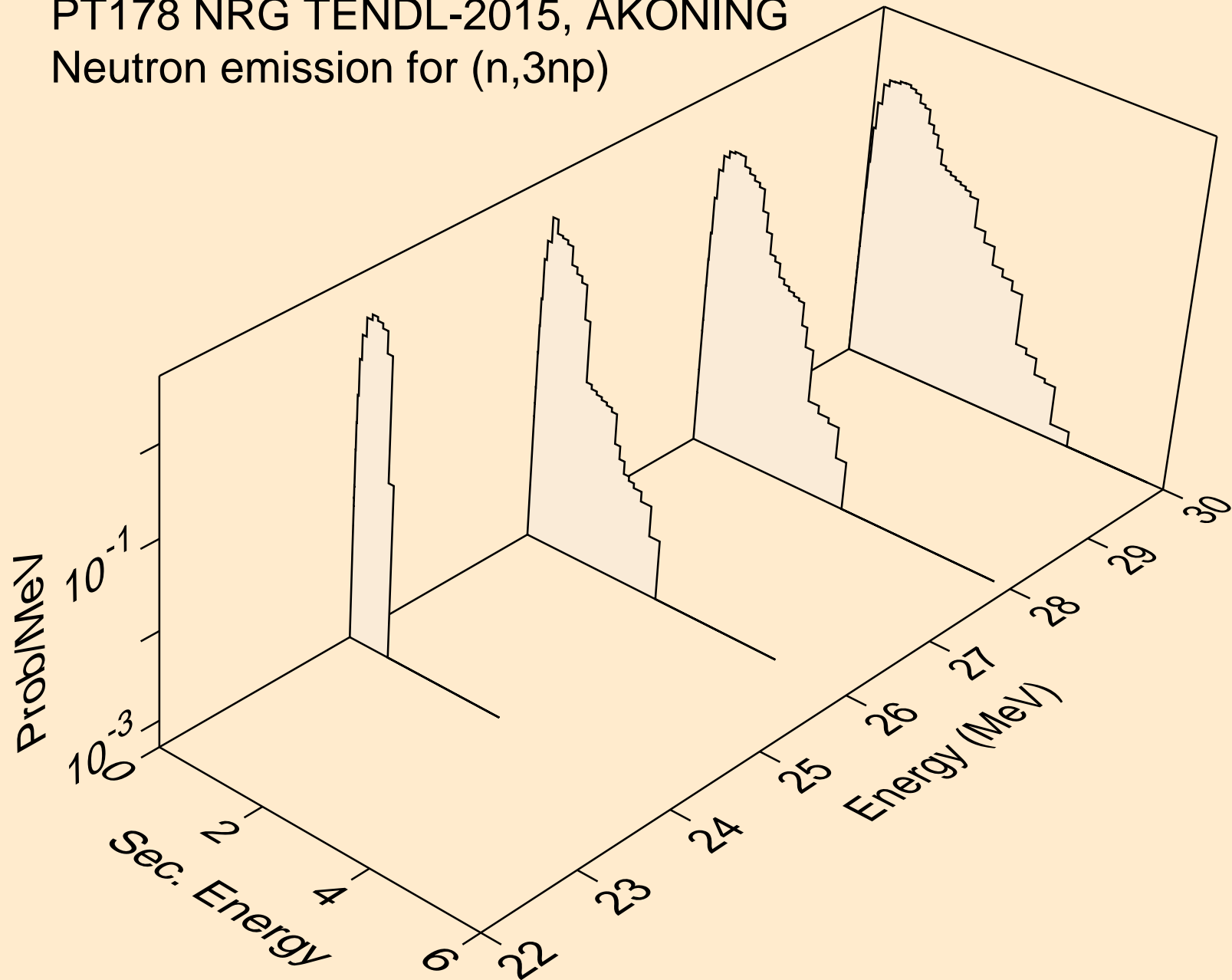
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



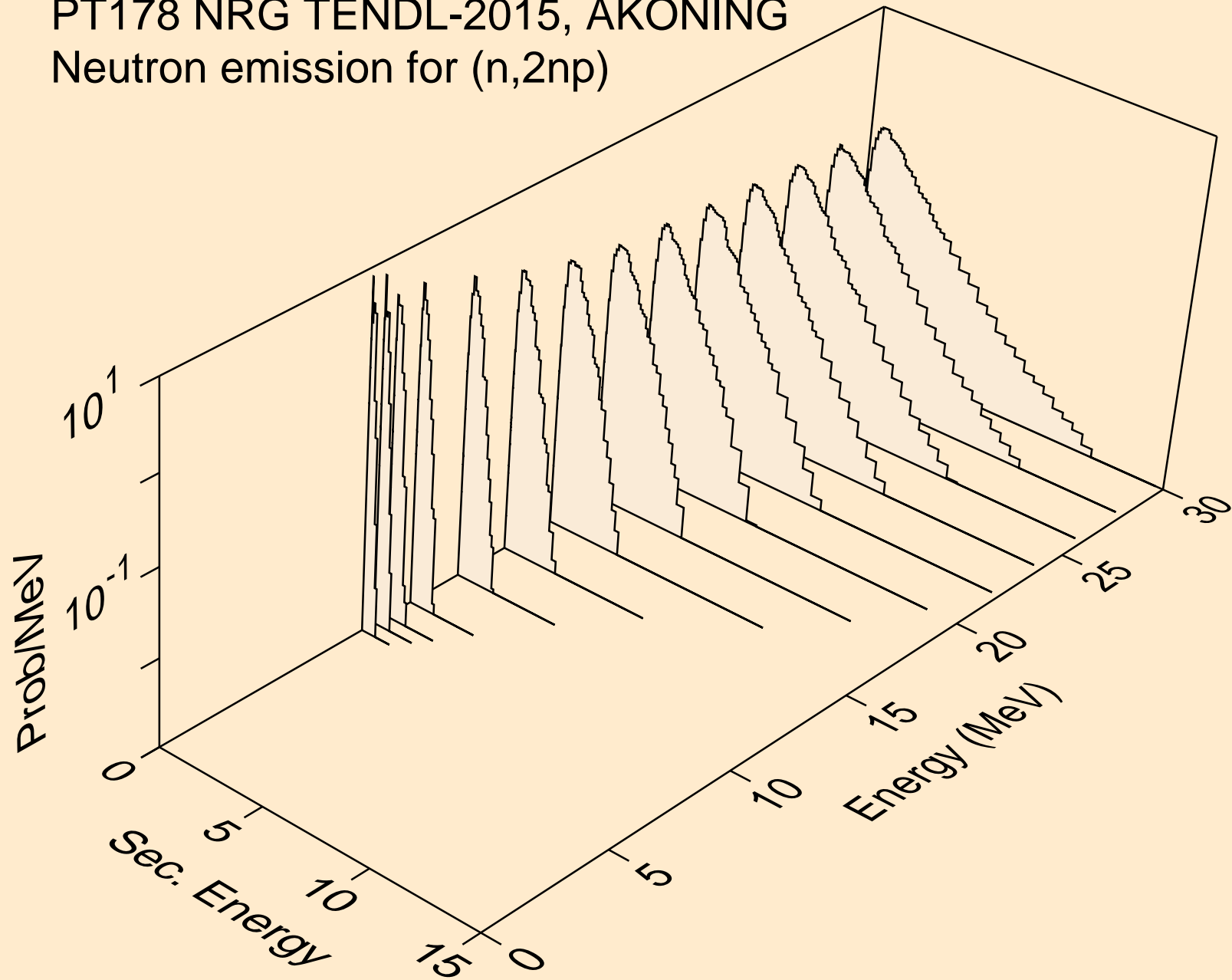
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

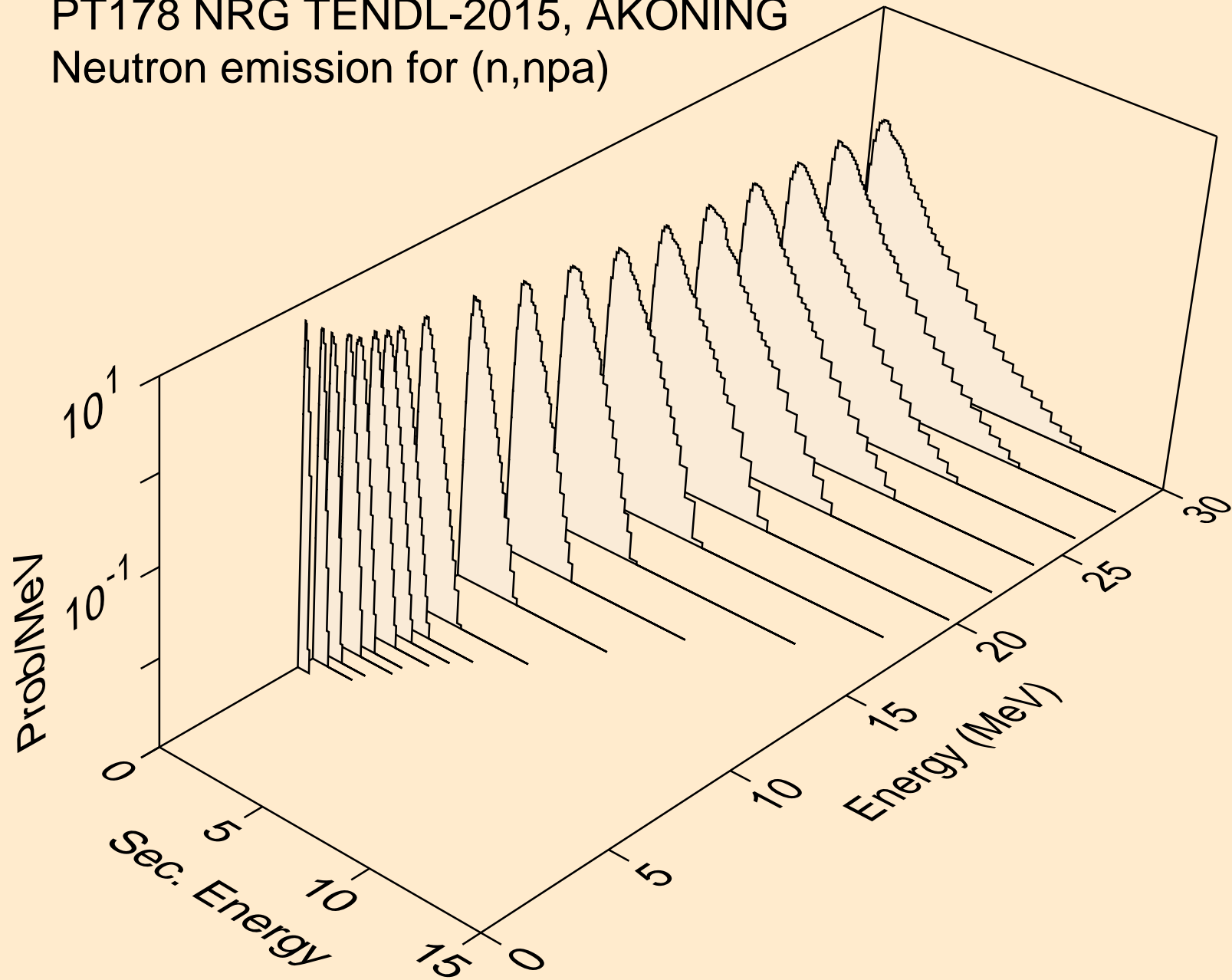


PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

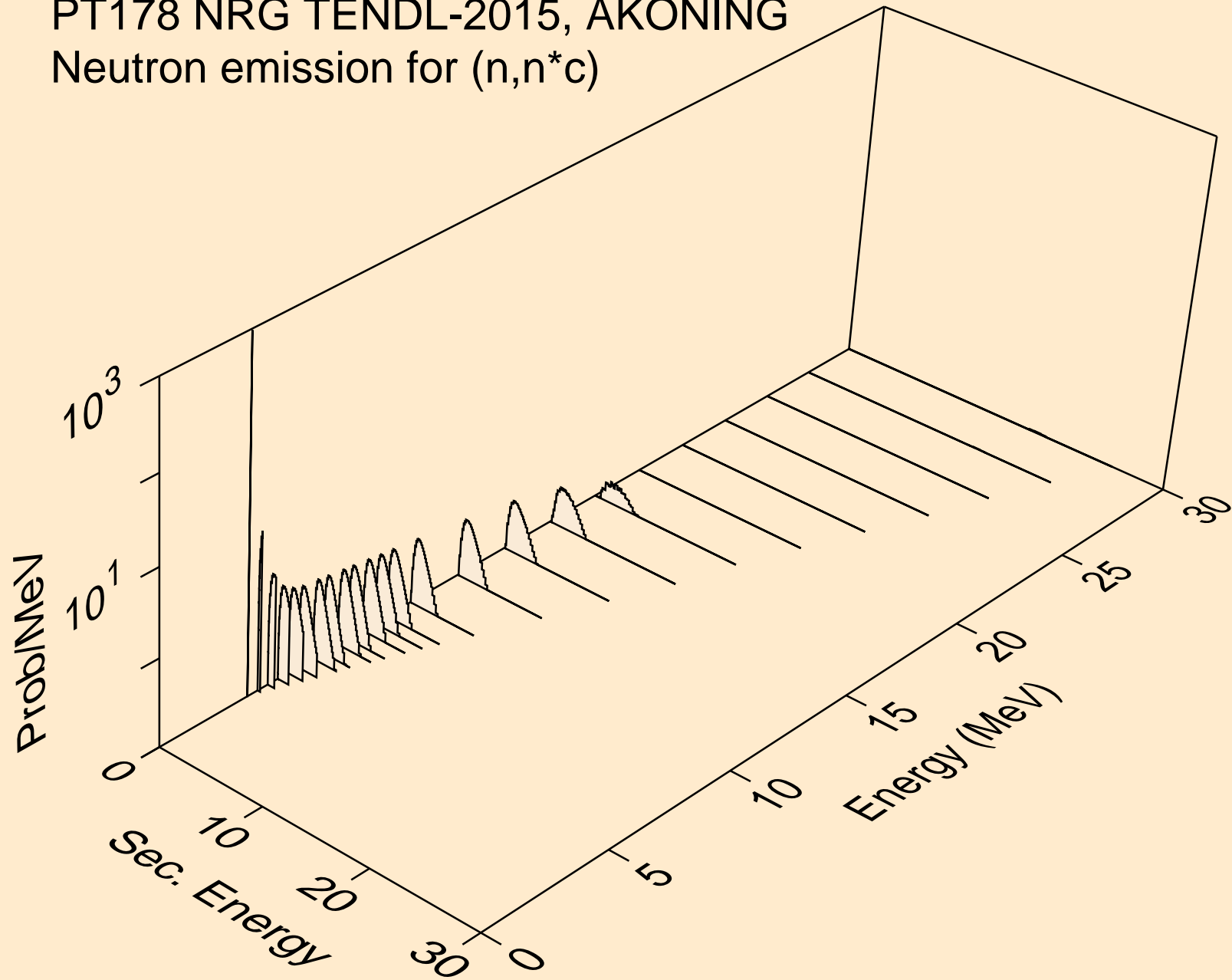




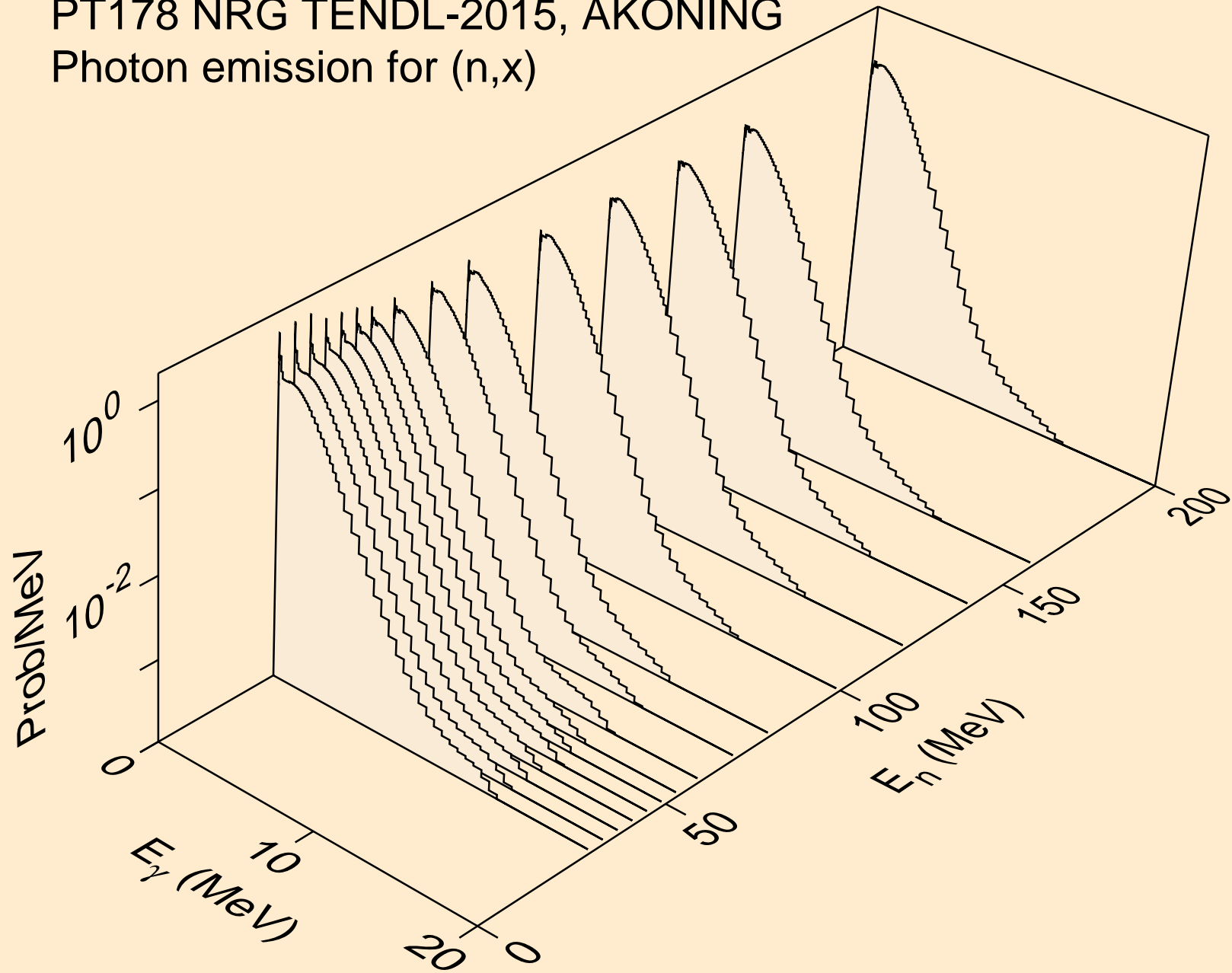
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



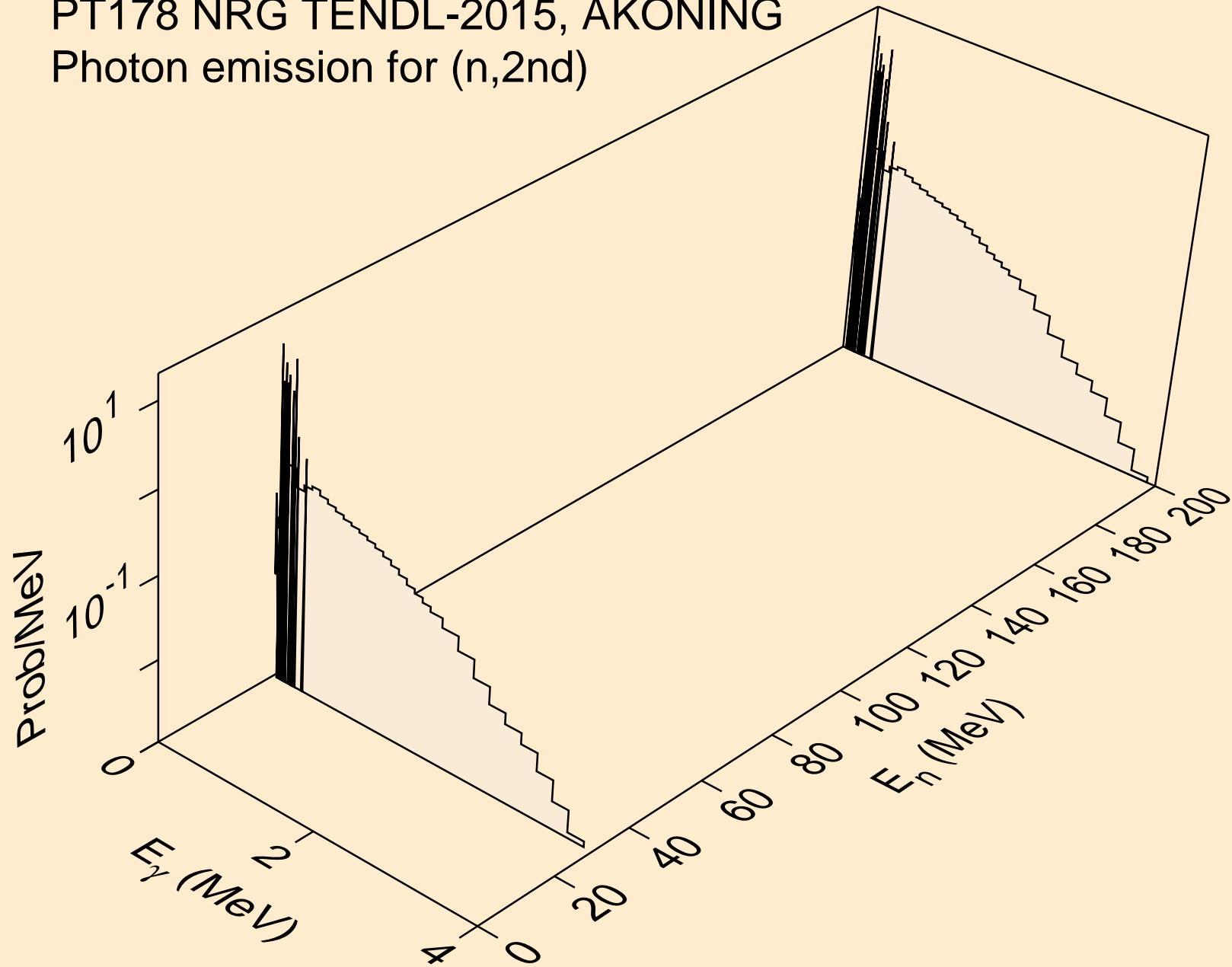
PT178 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



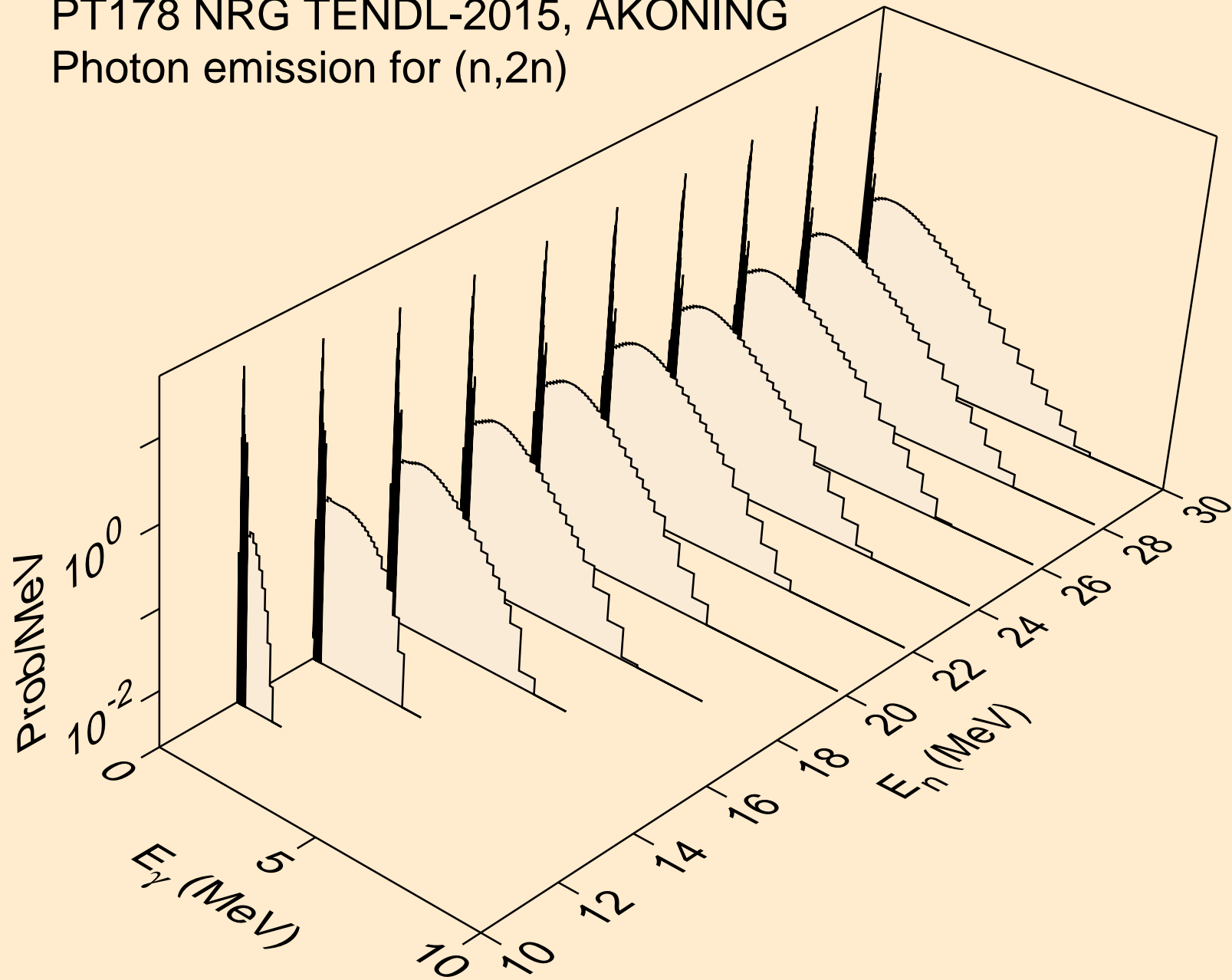
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



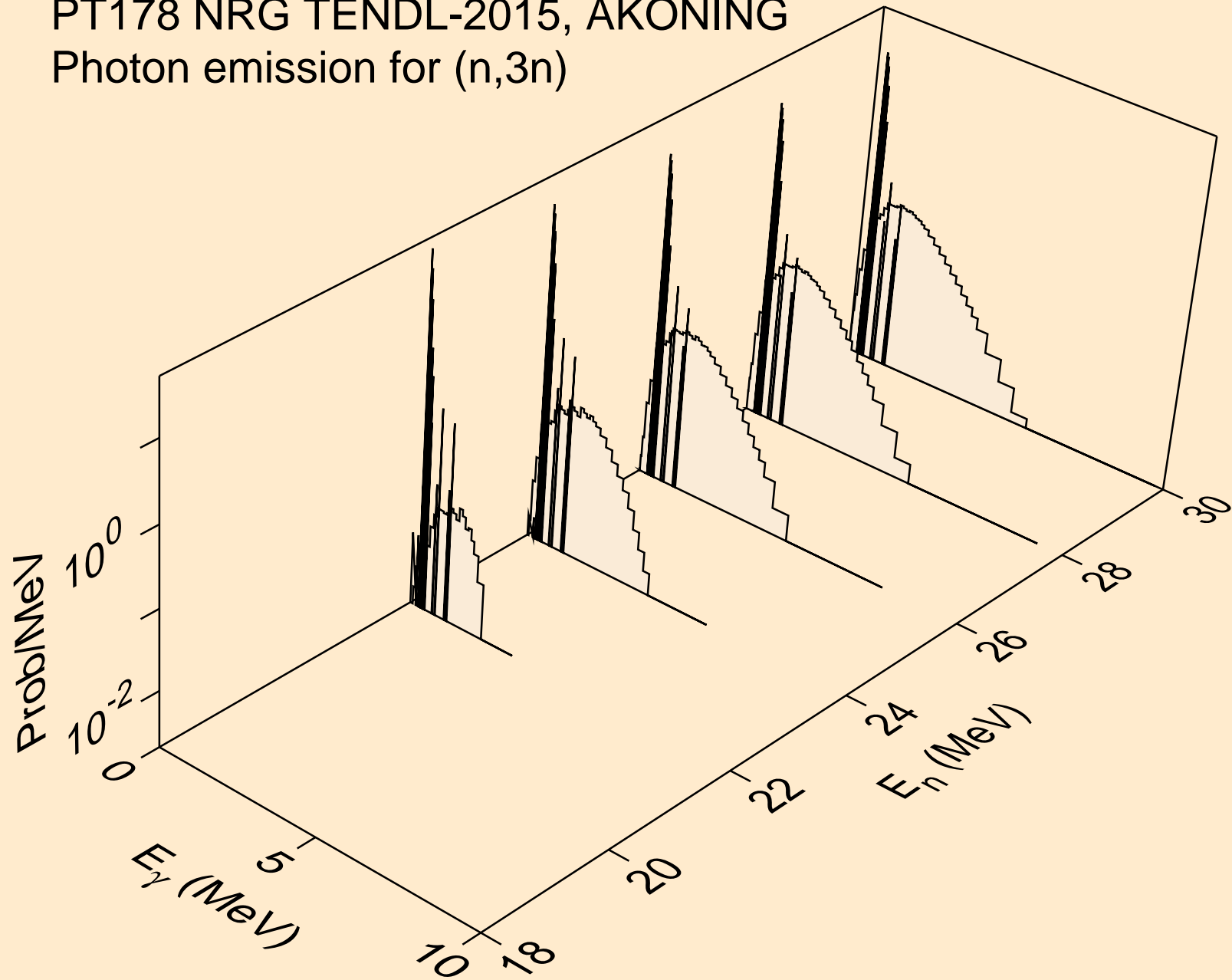
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



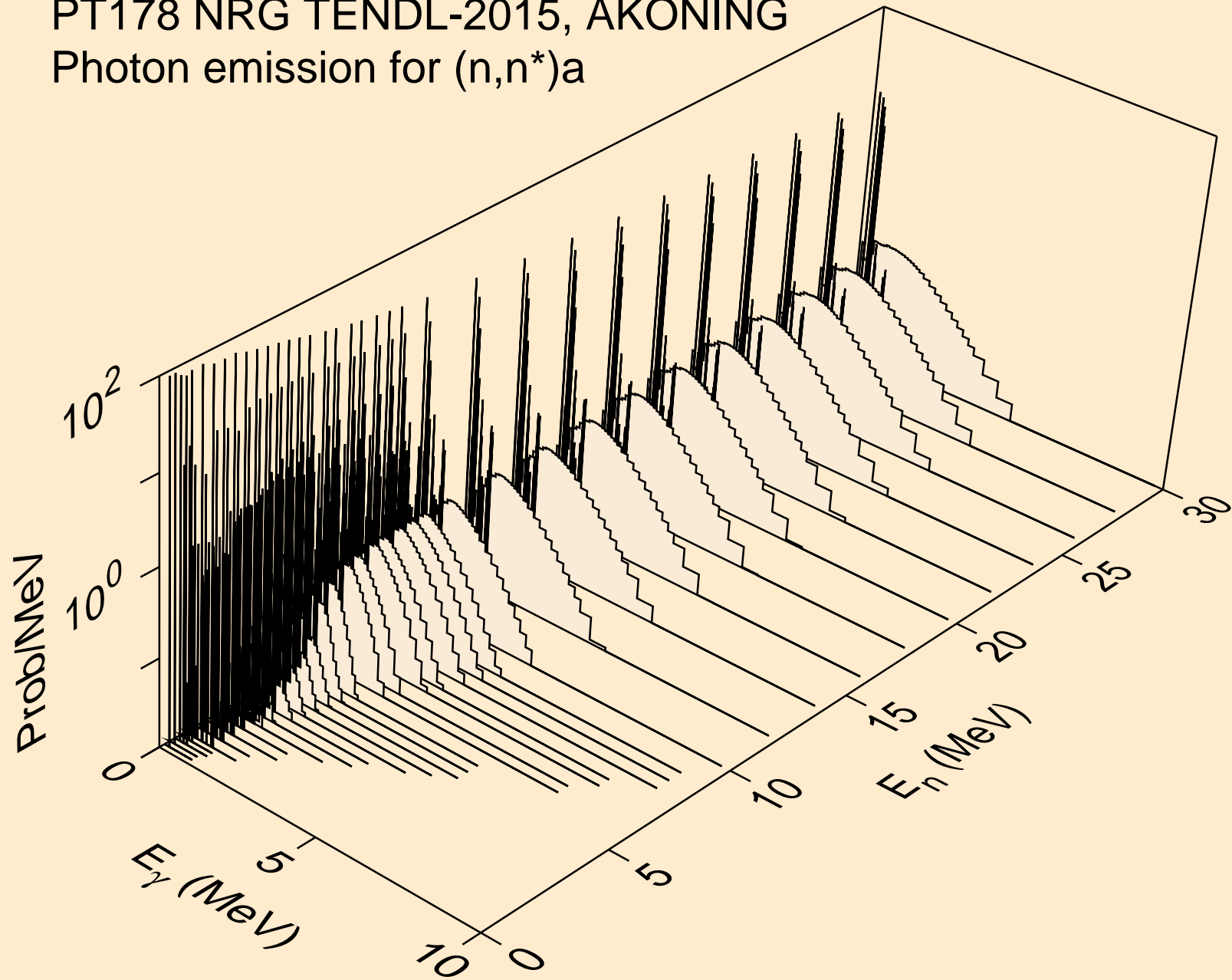
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



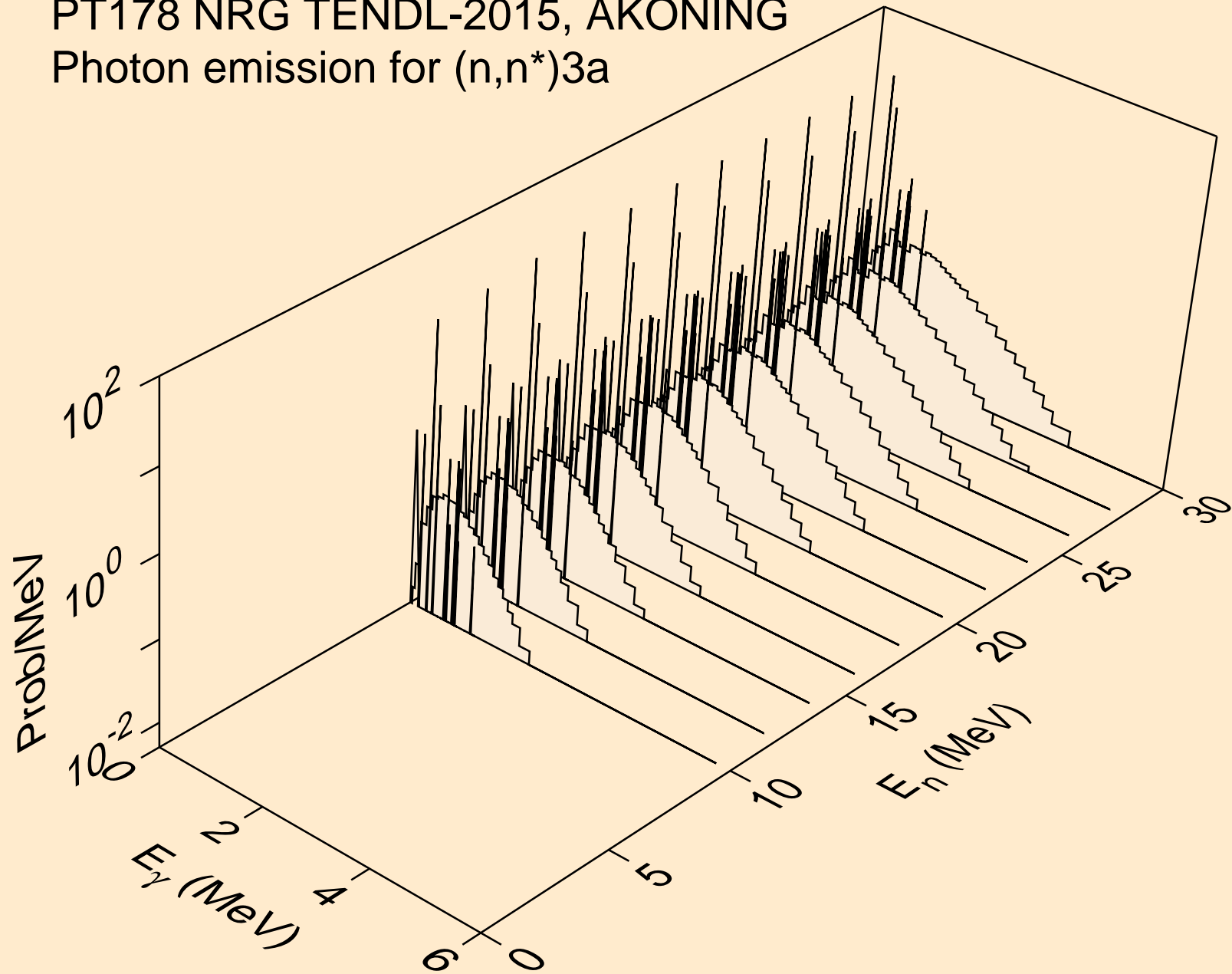
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

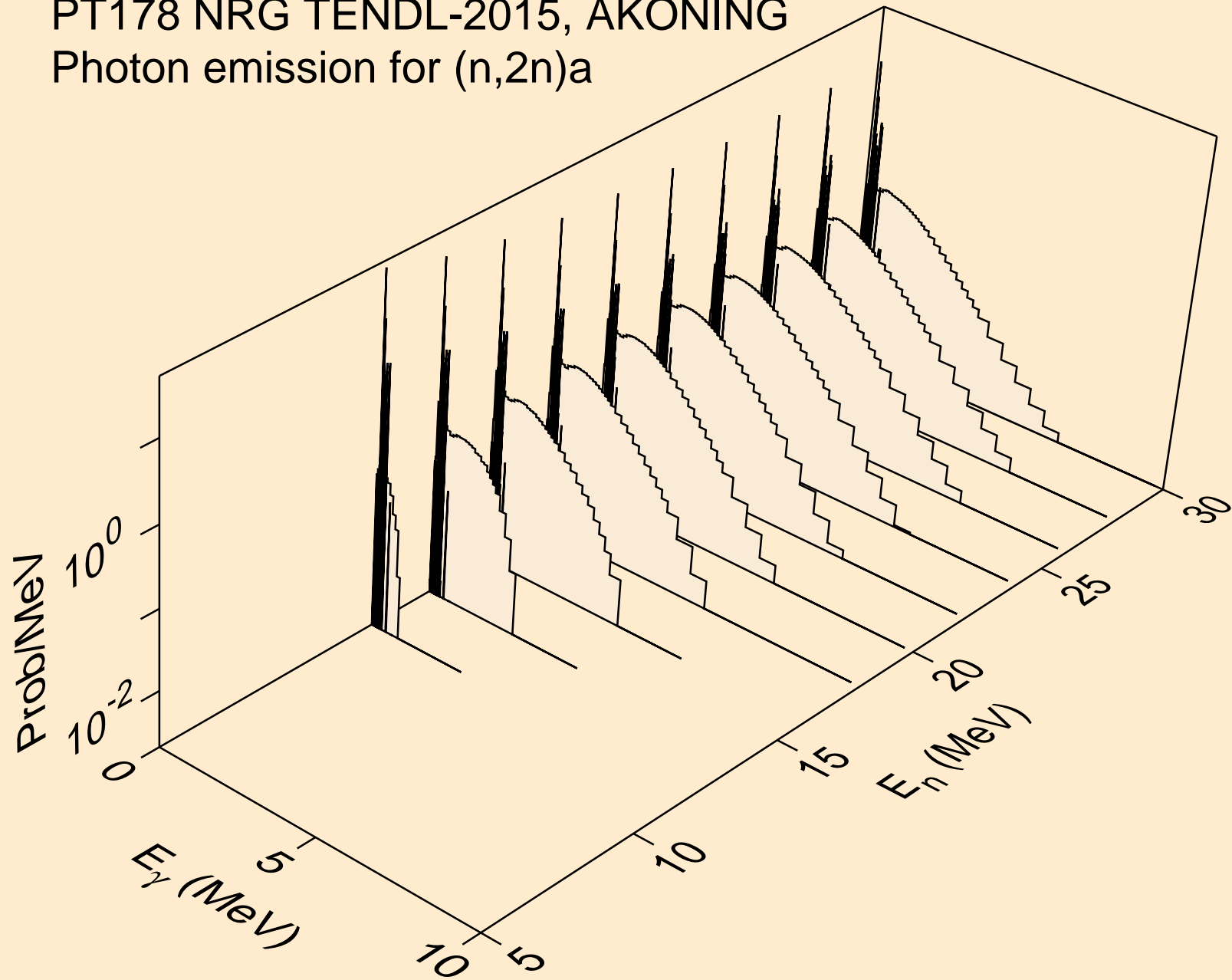


PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

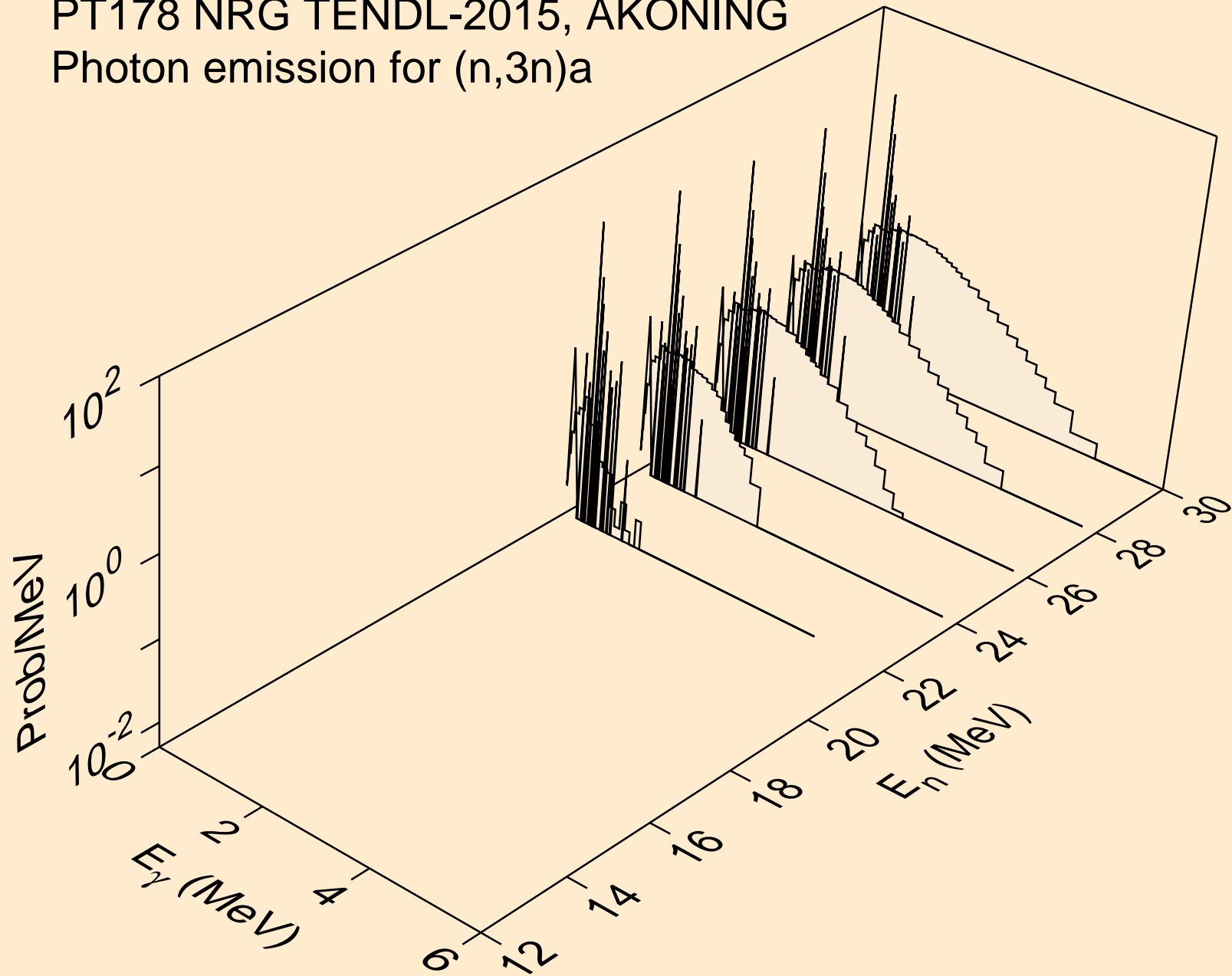




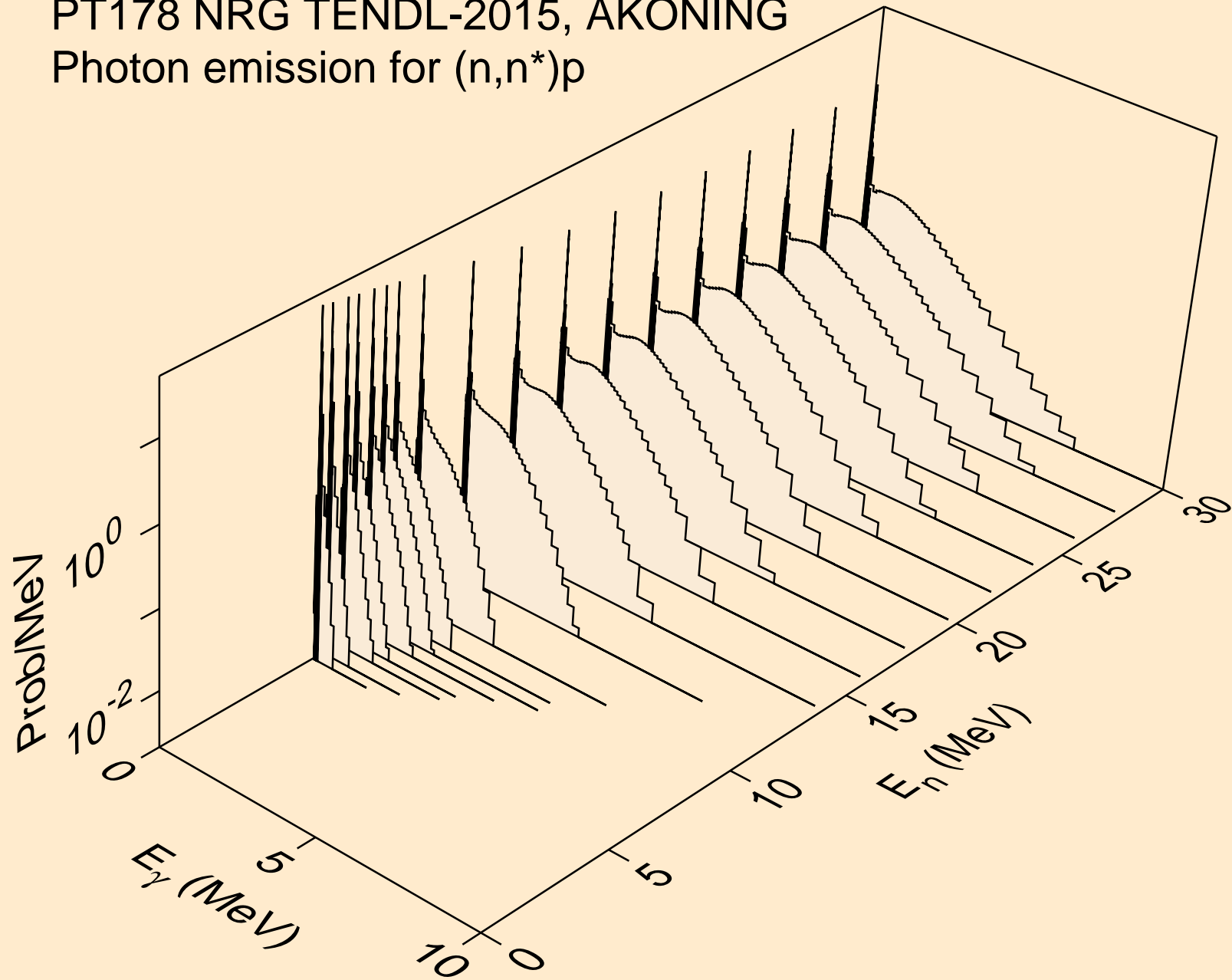
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



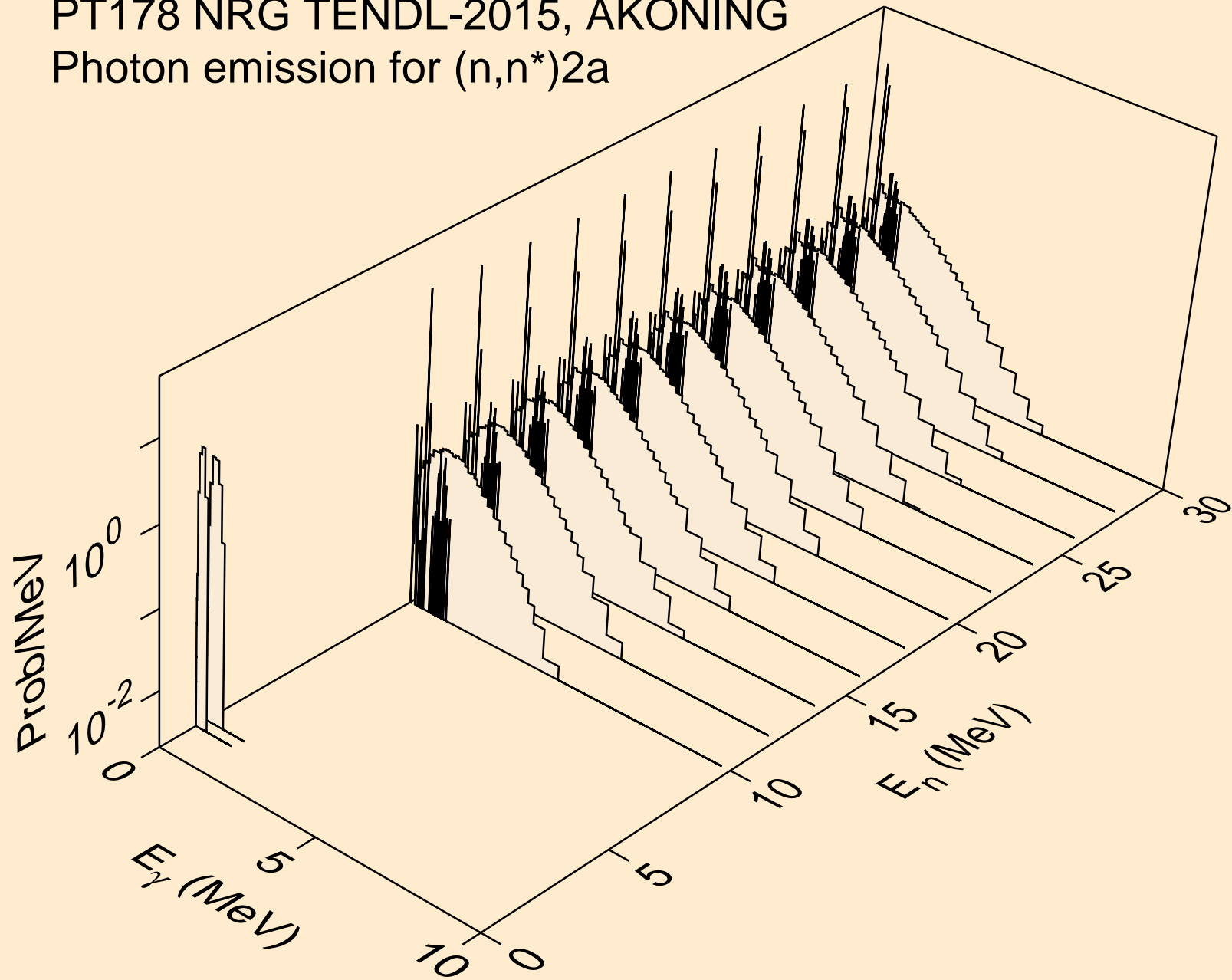
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



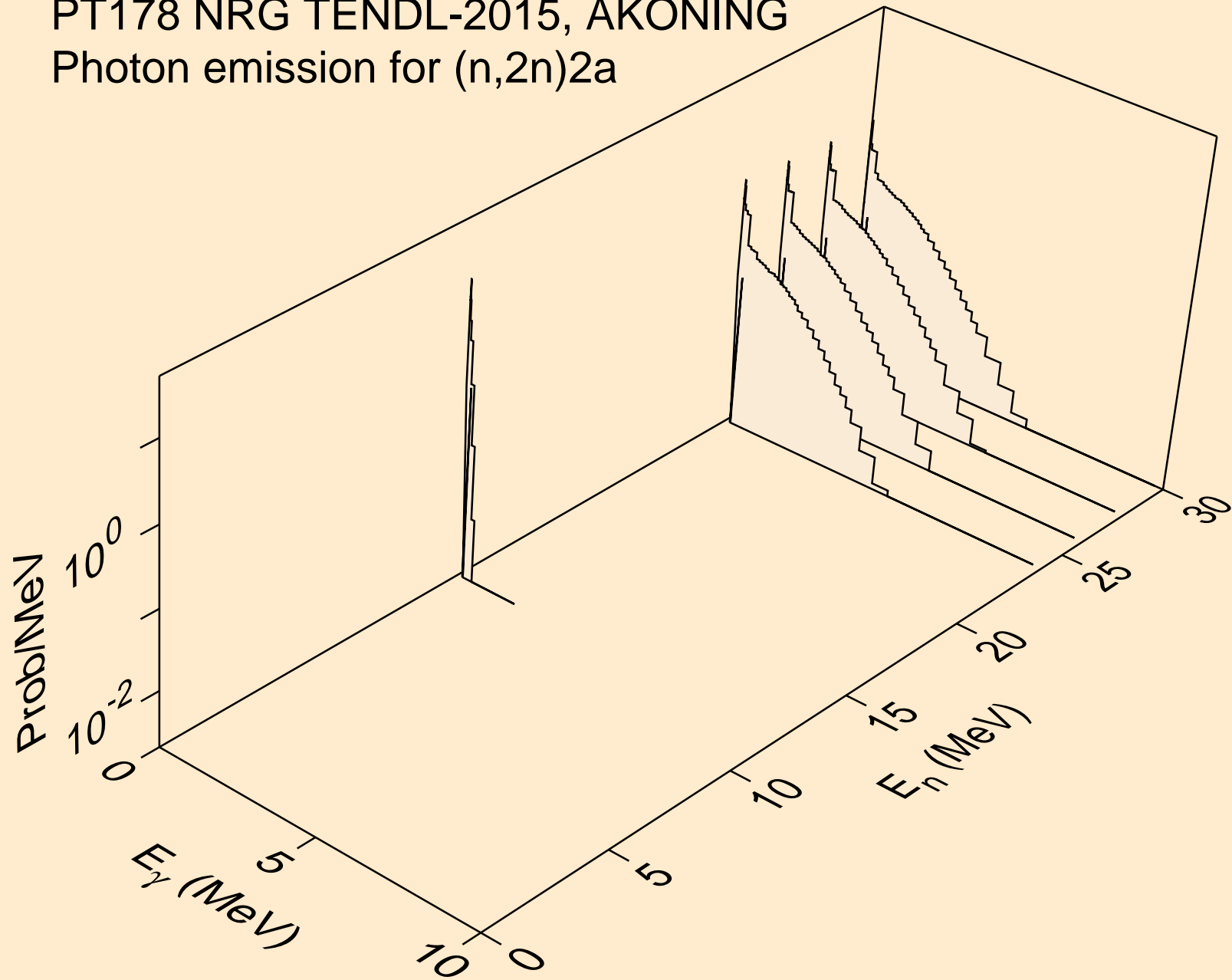
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



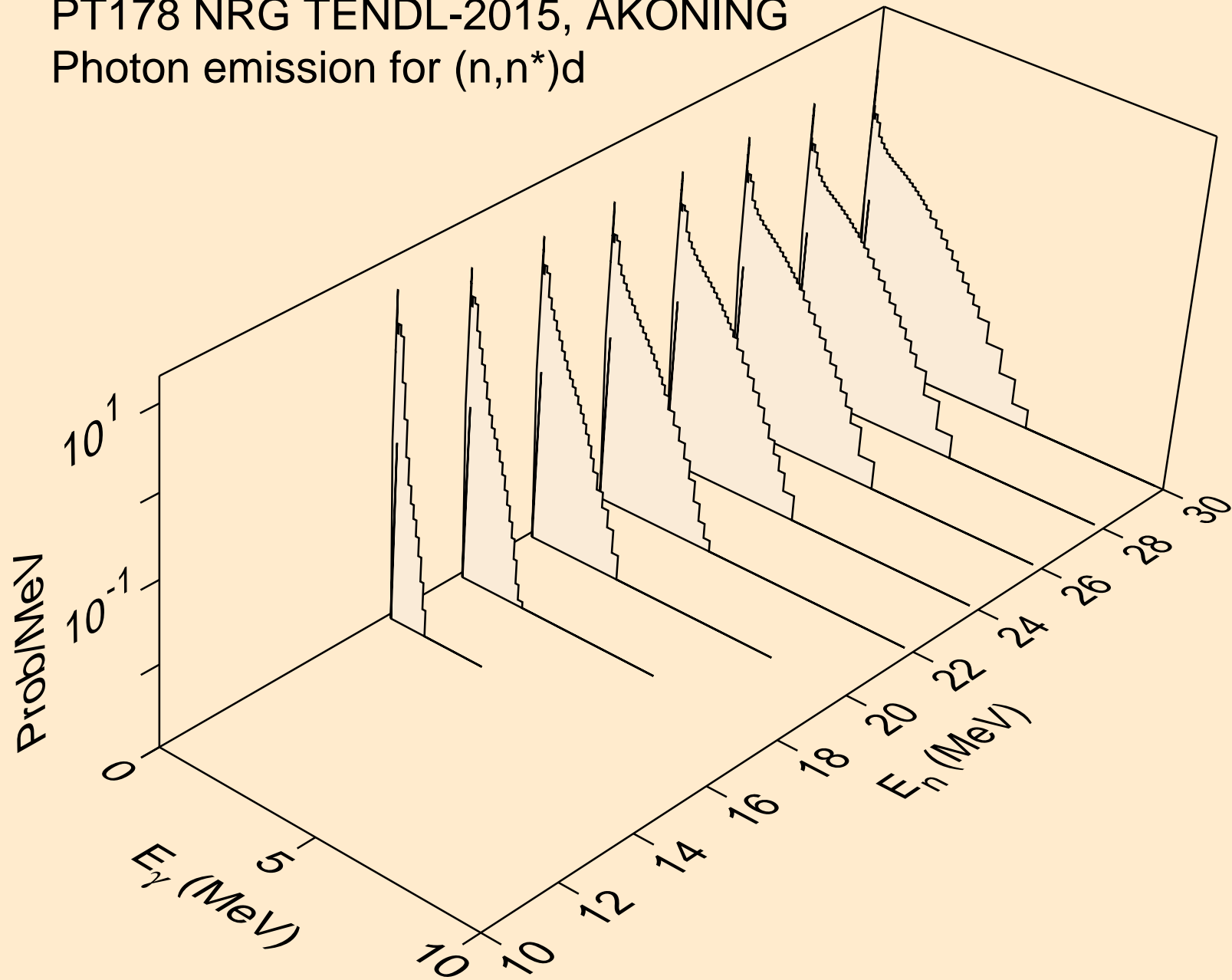
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



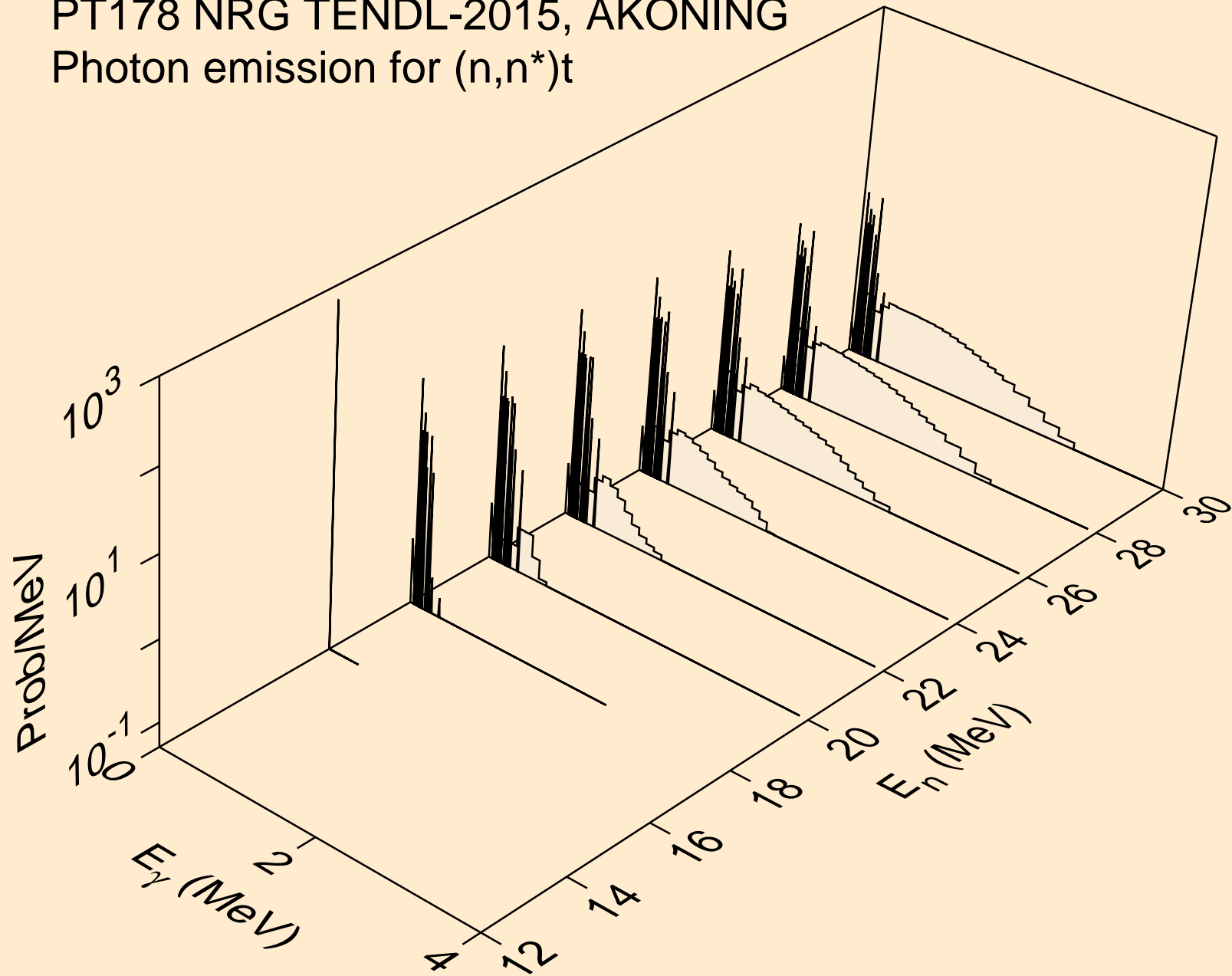
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



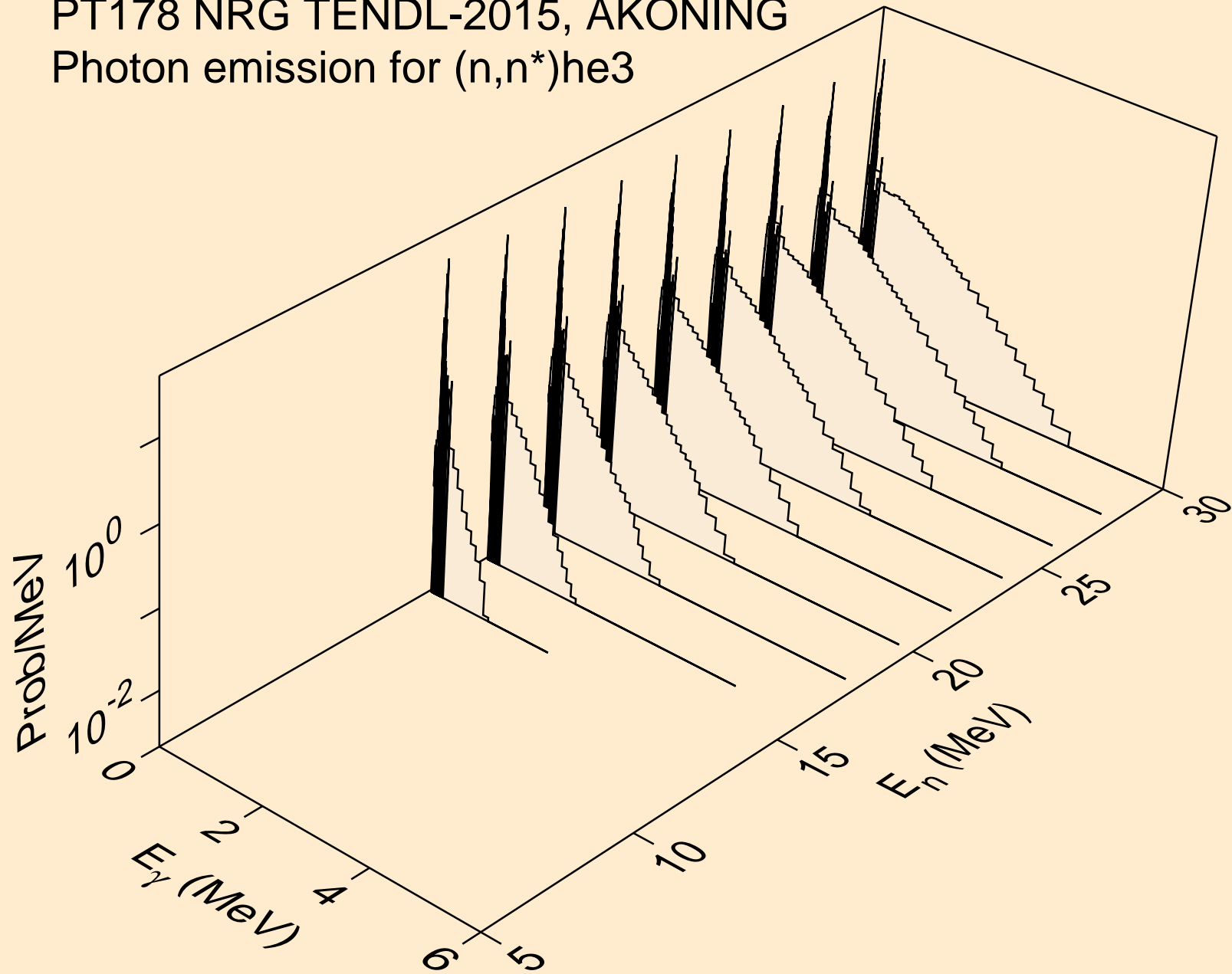
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

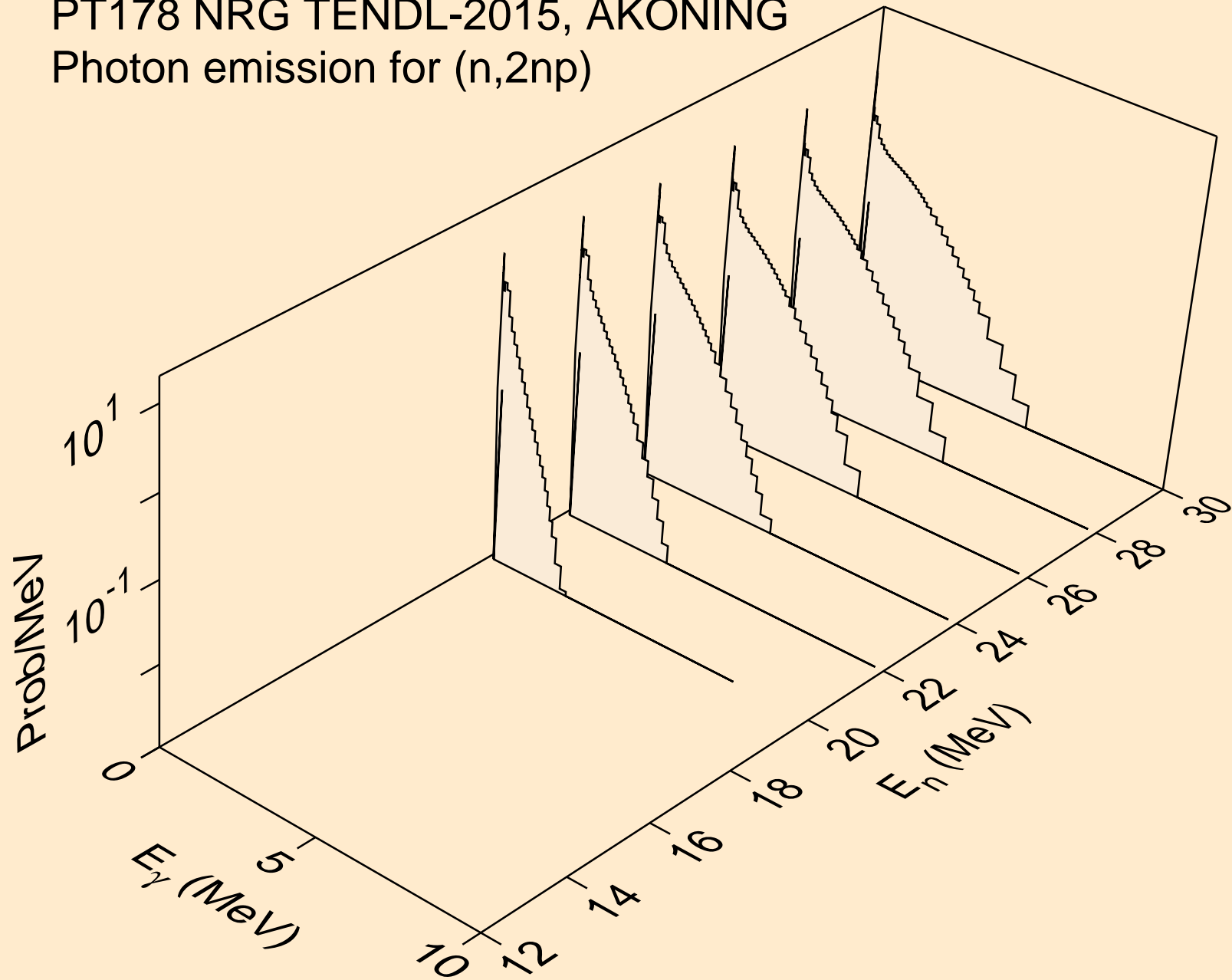


PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

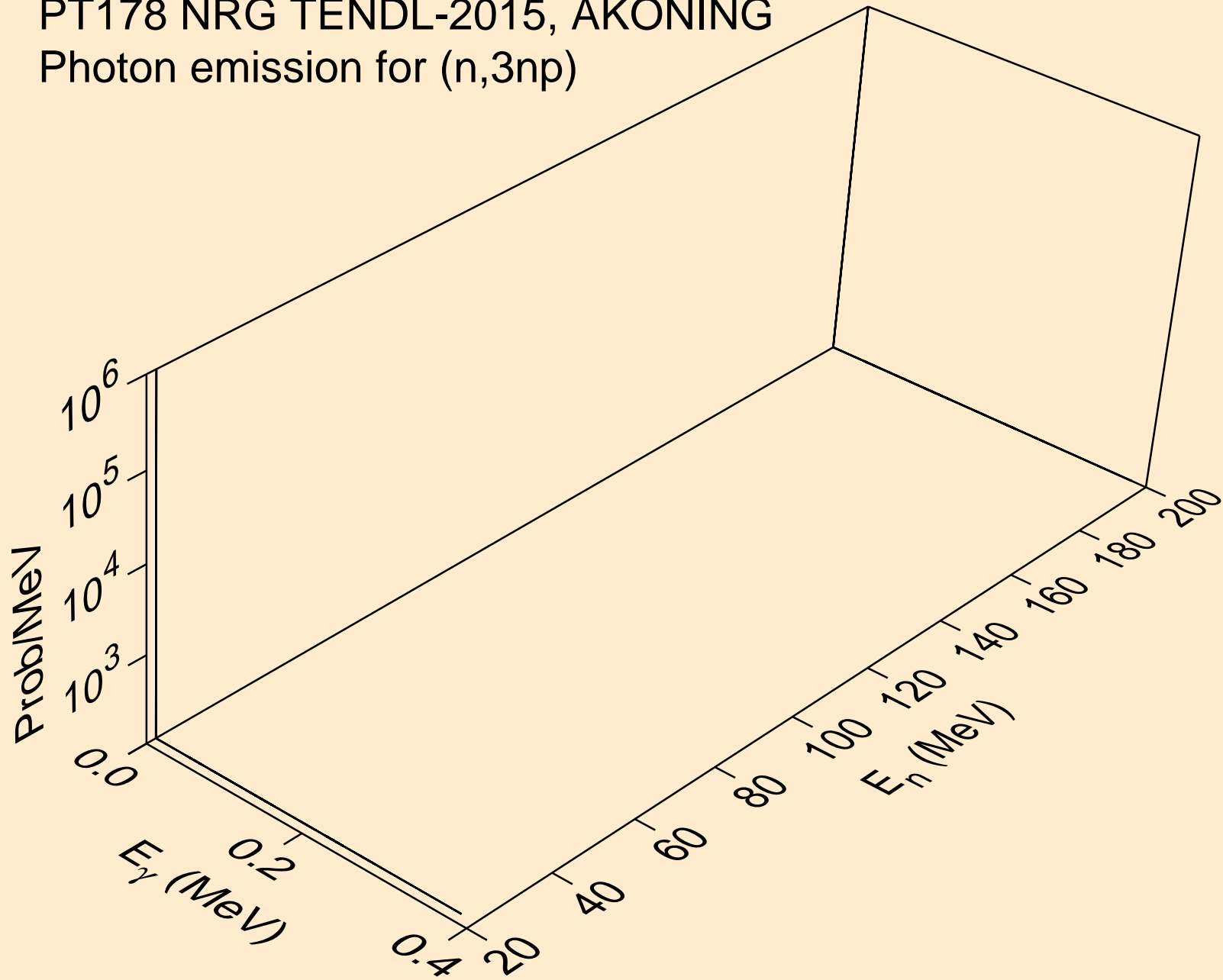




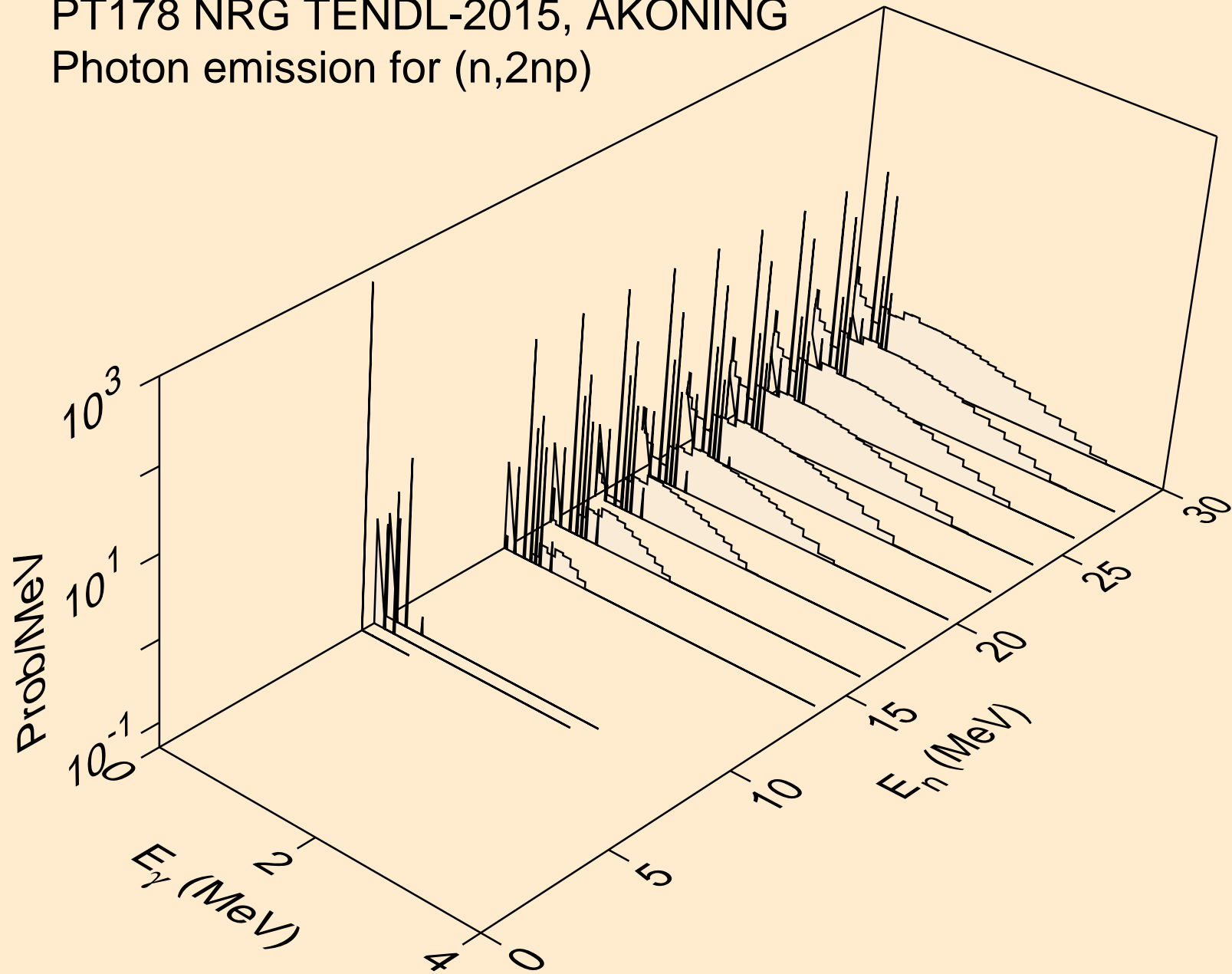
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



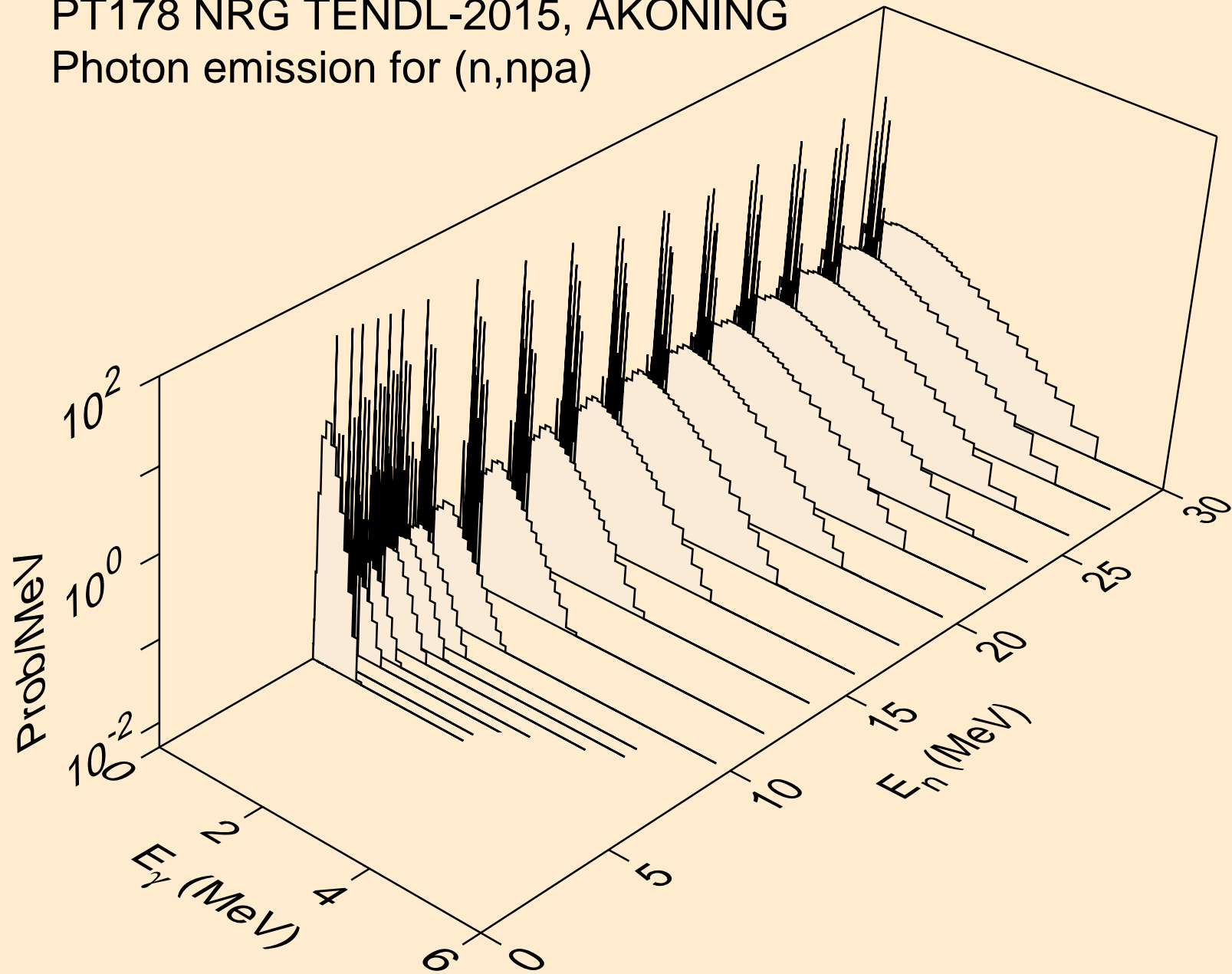
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



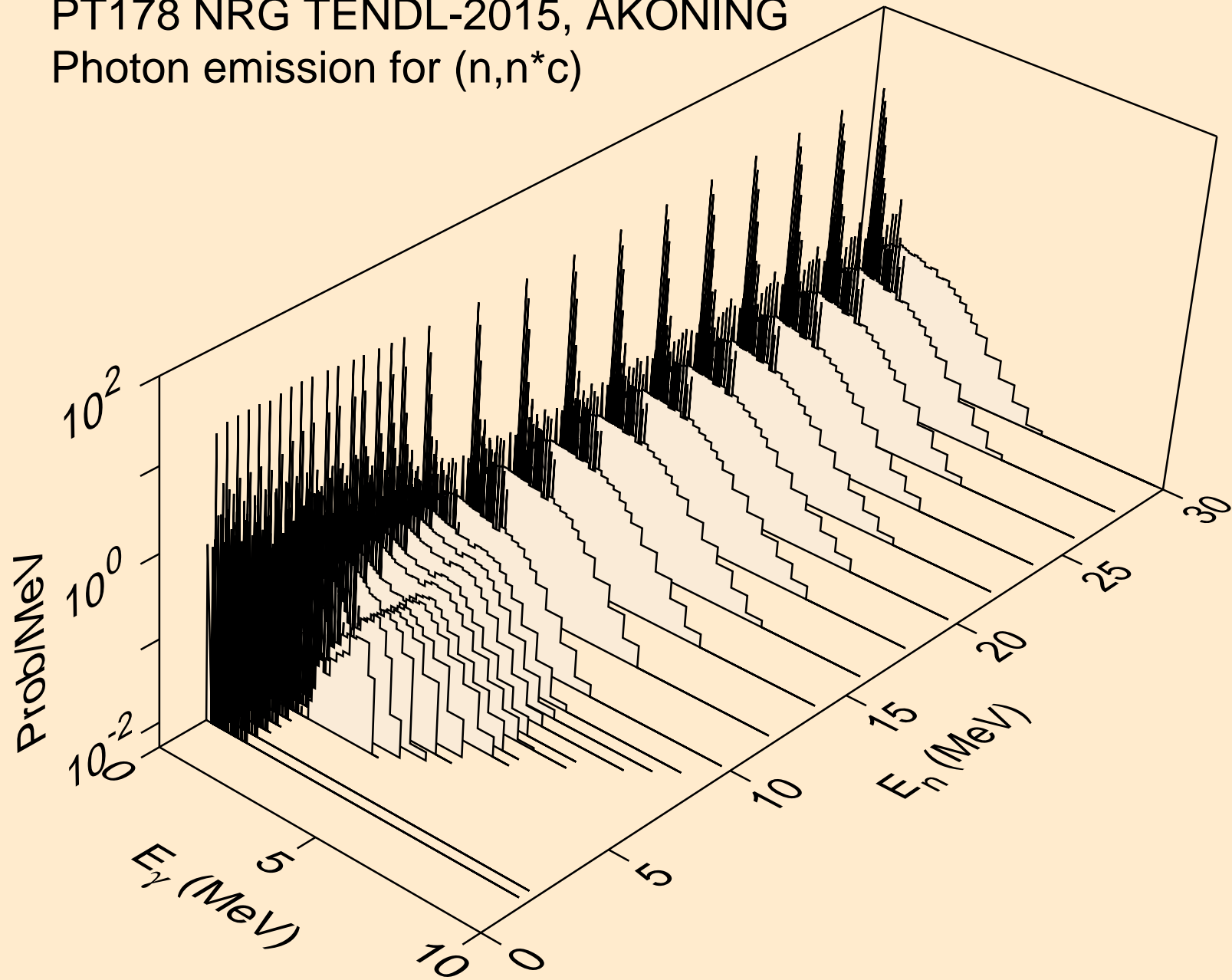
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



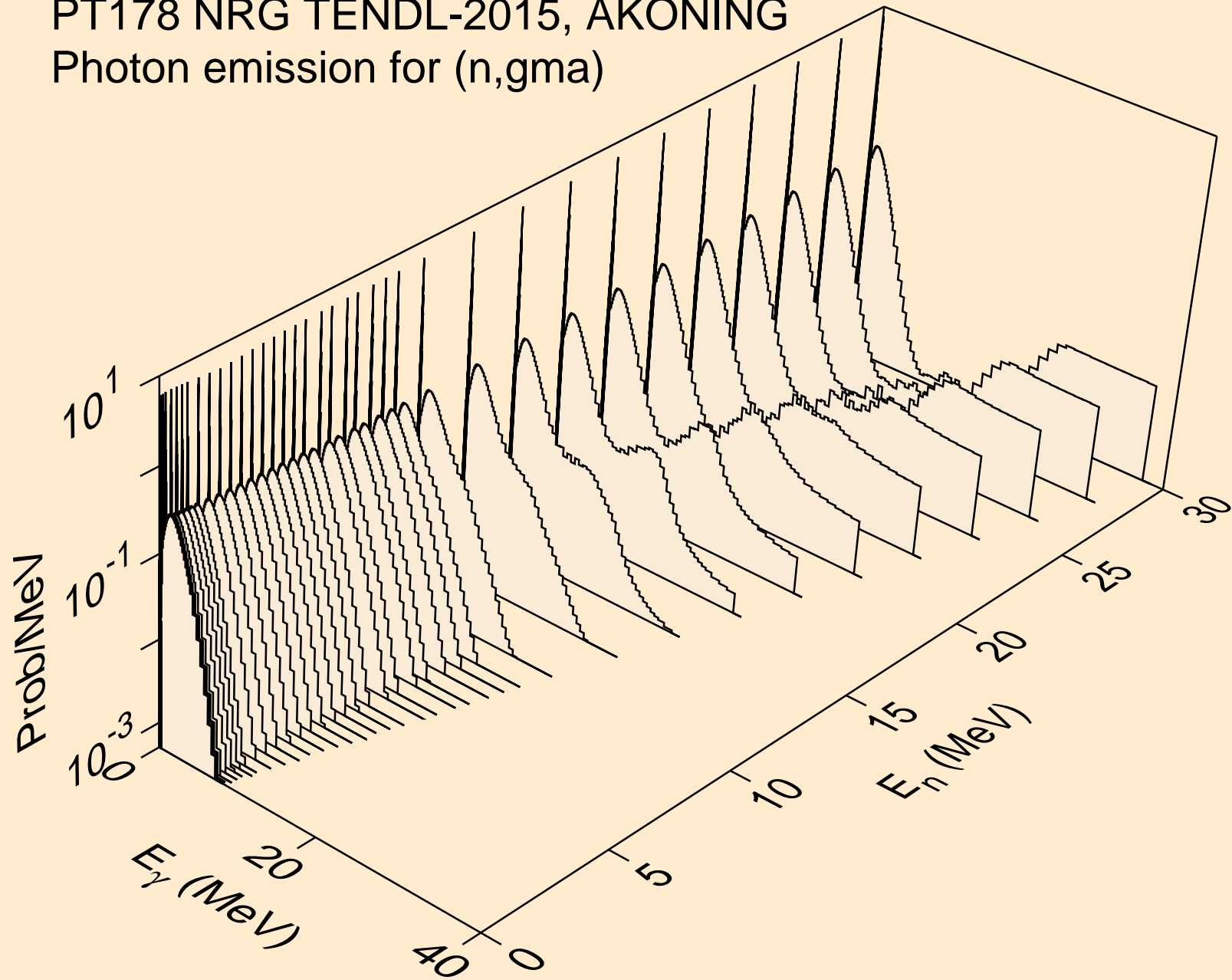
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



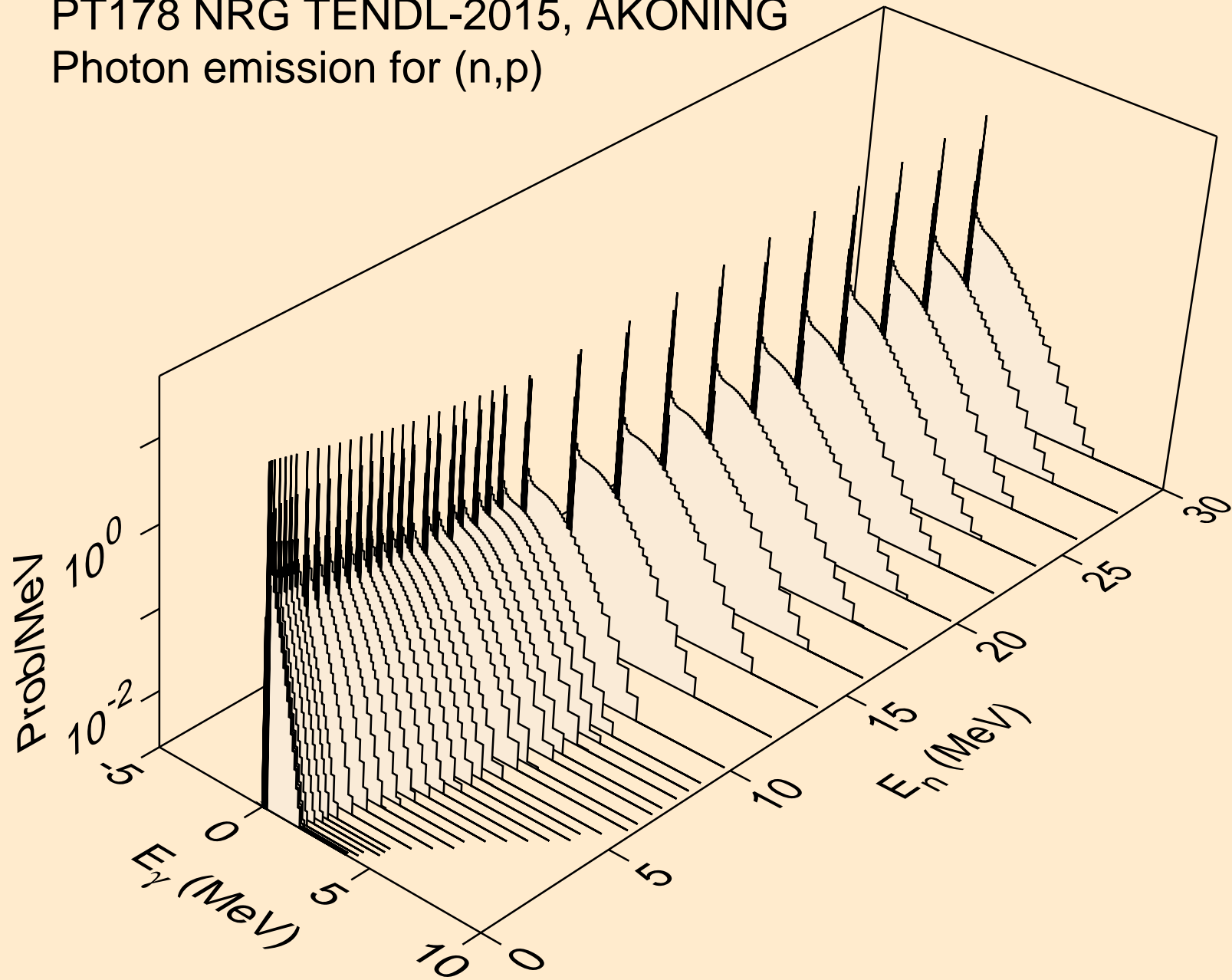
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



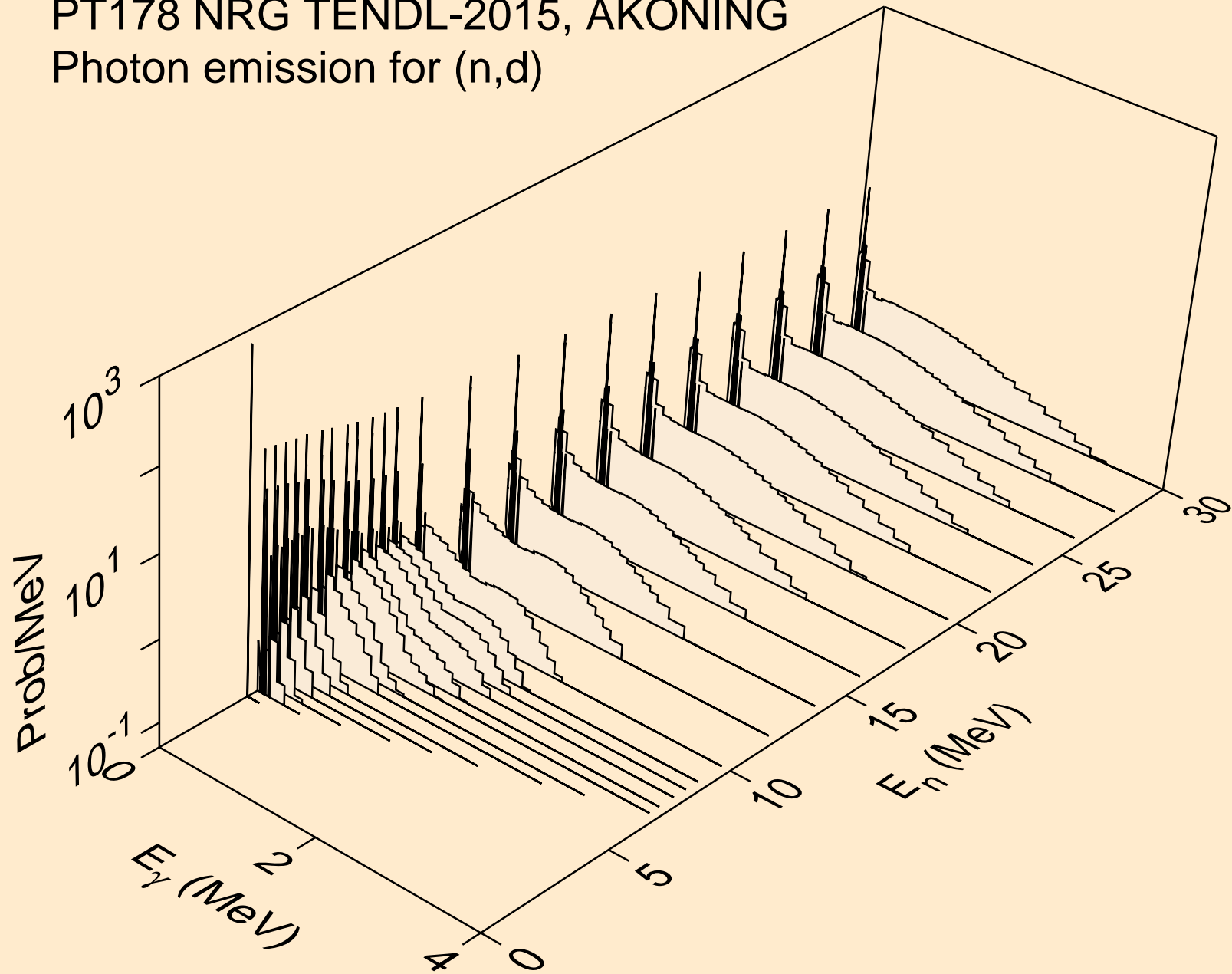
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

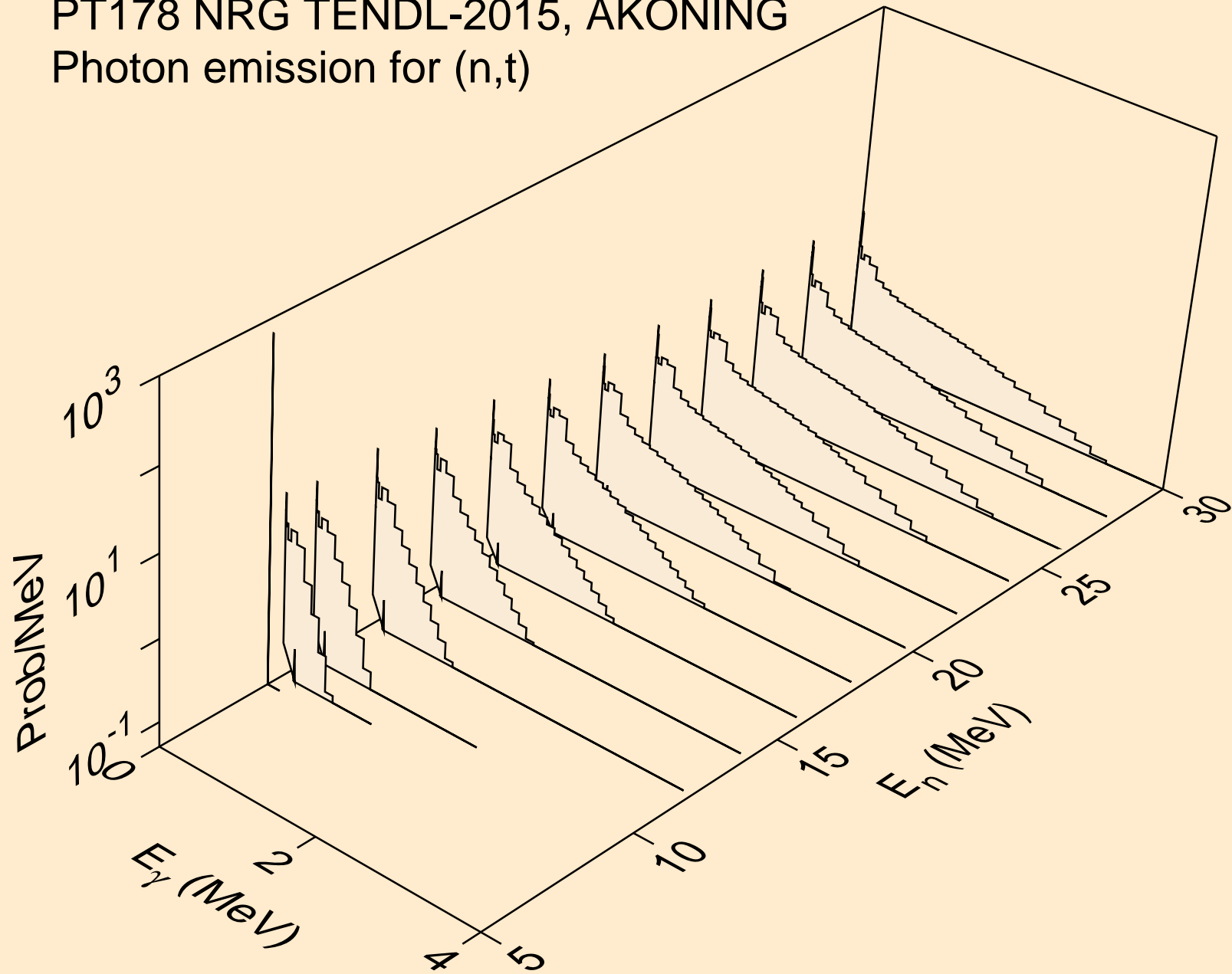


PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

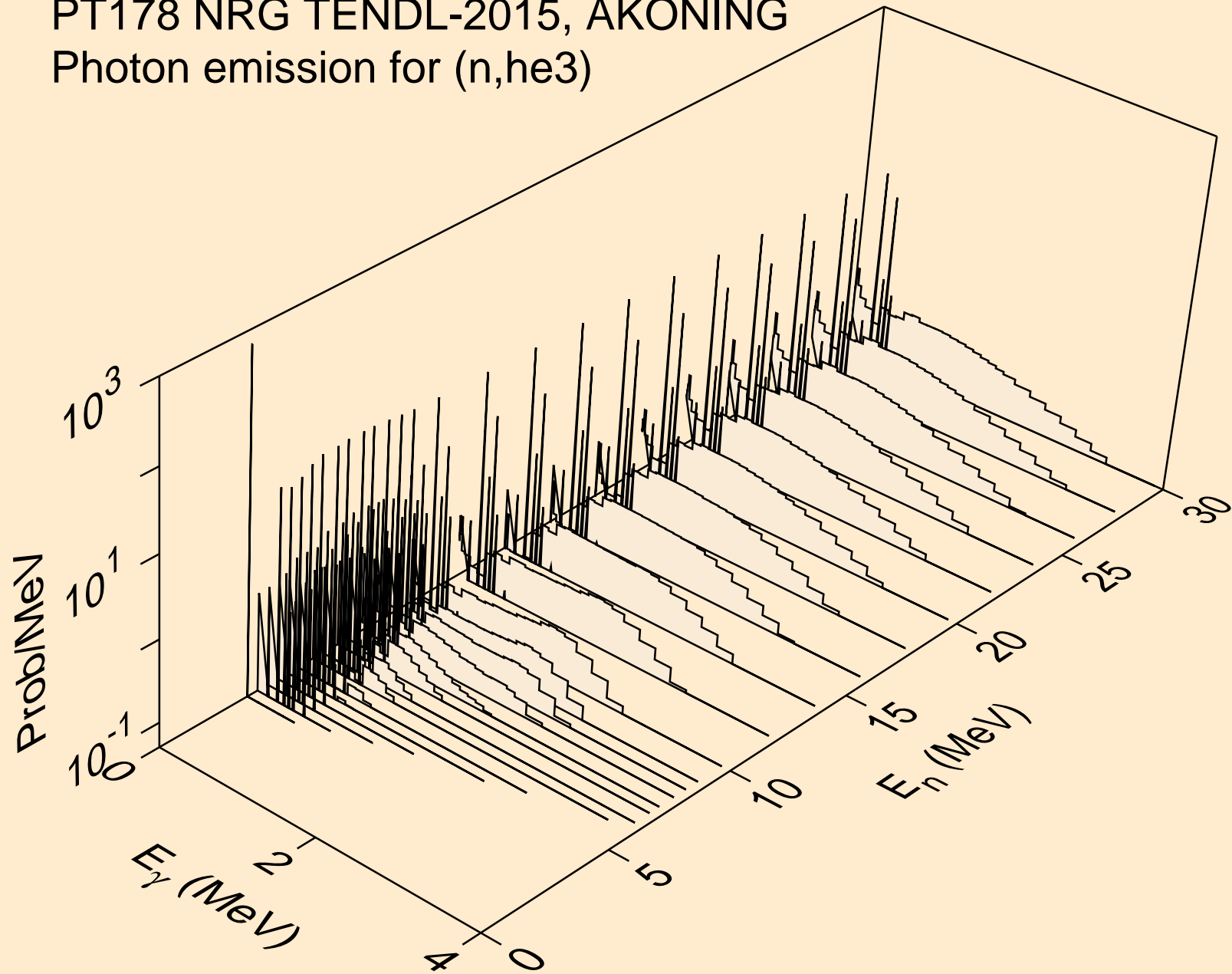




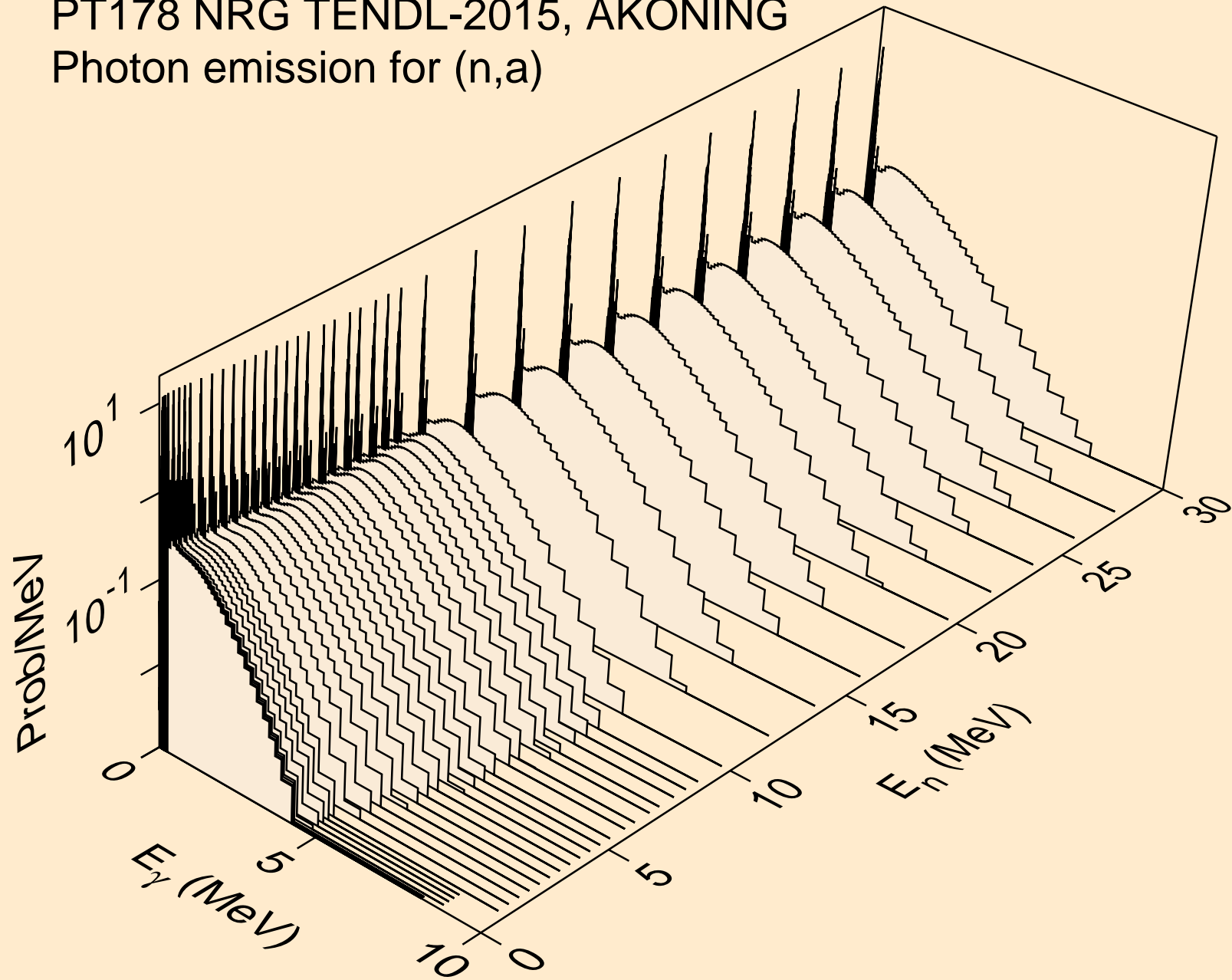
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



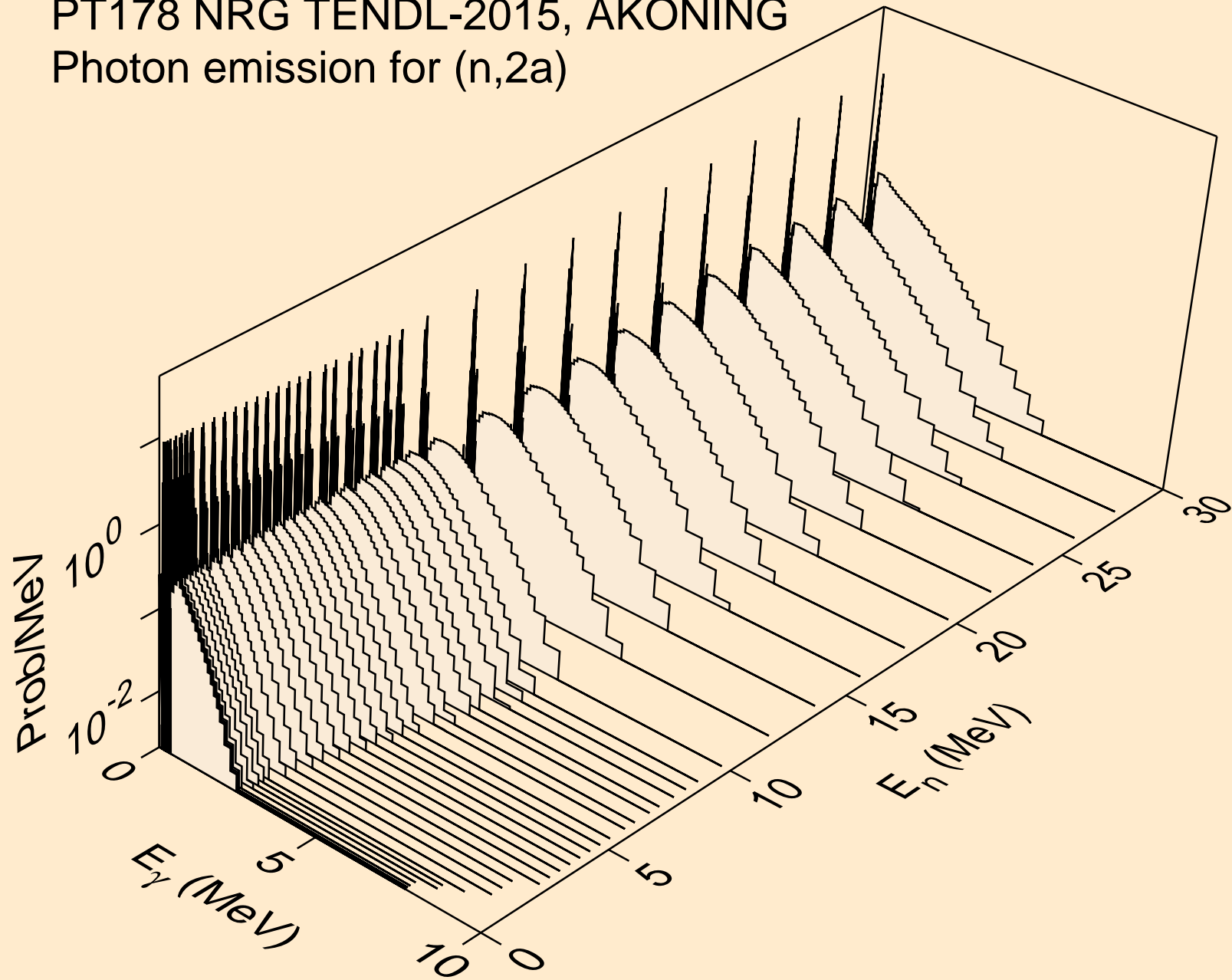
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



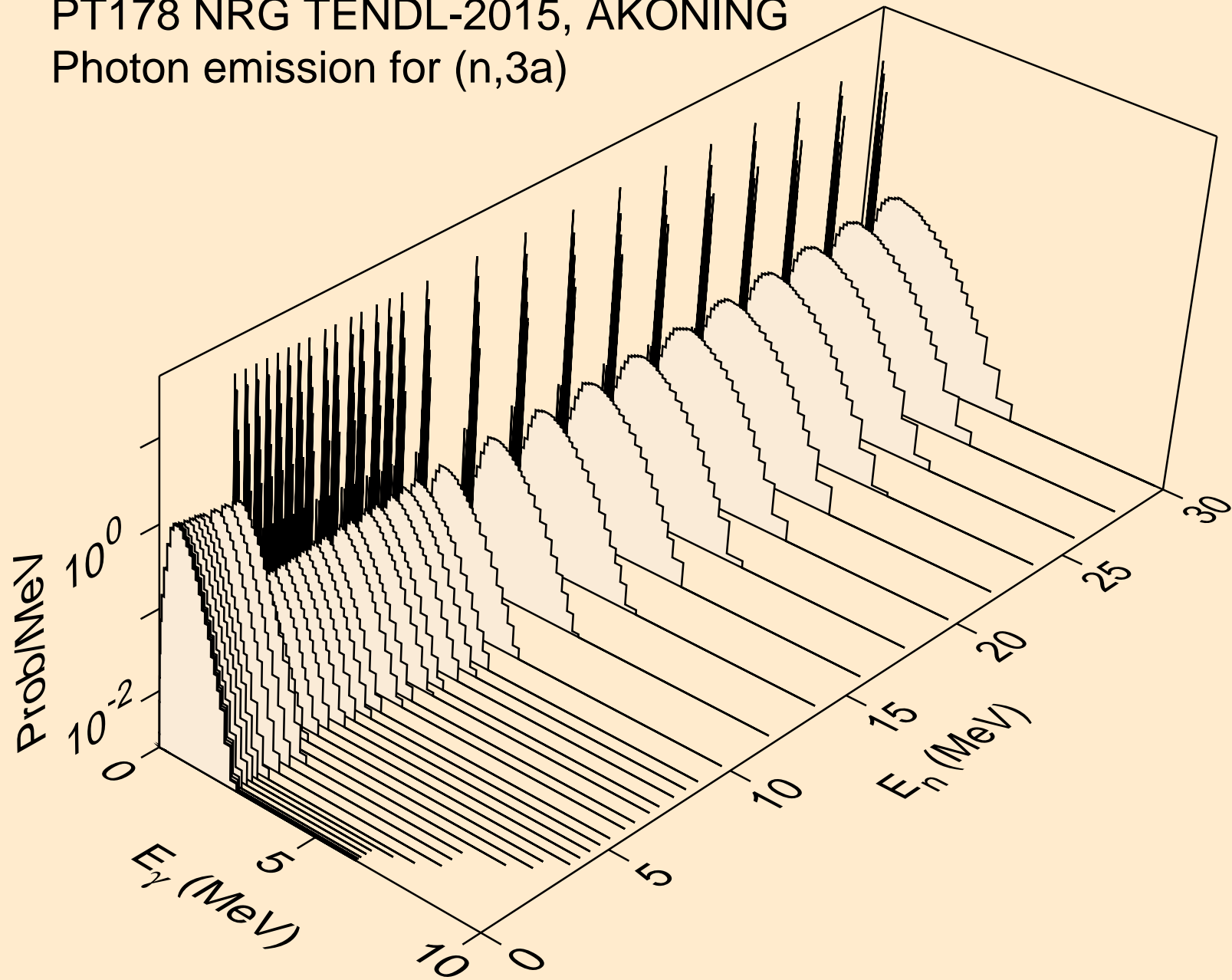
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



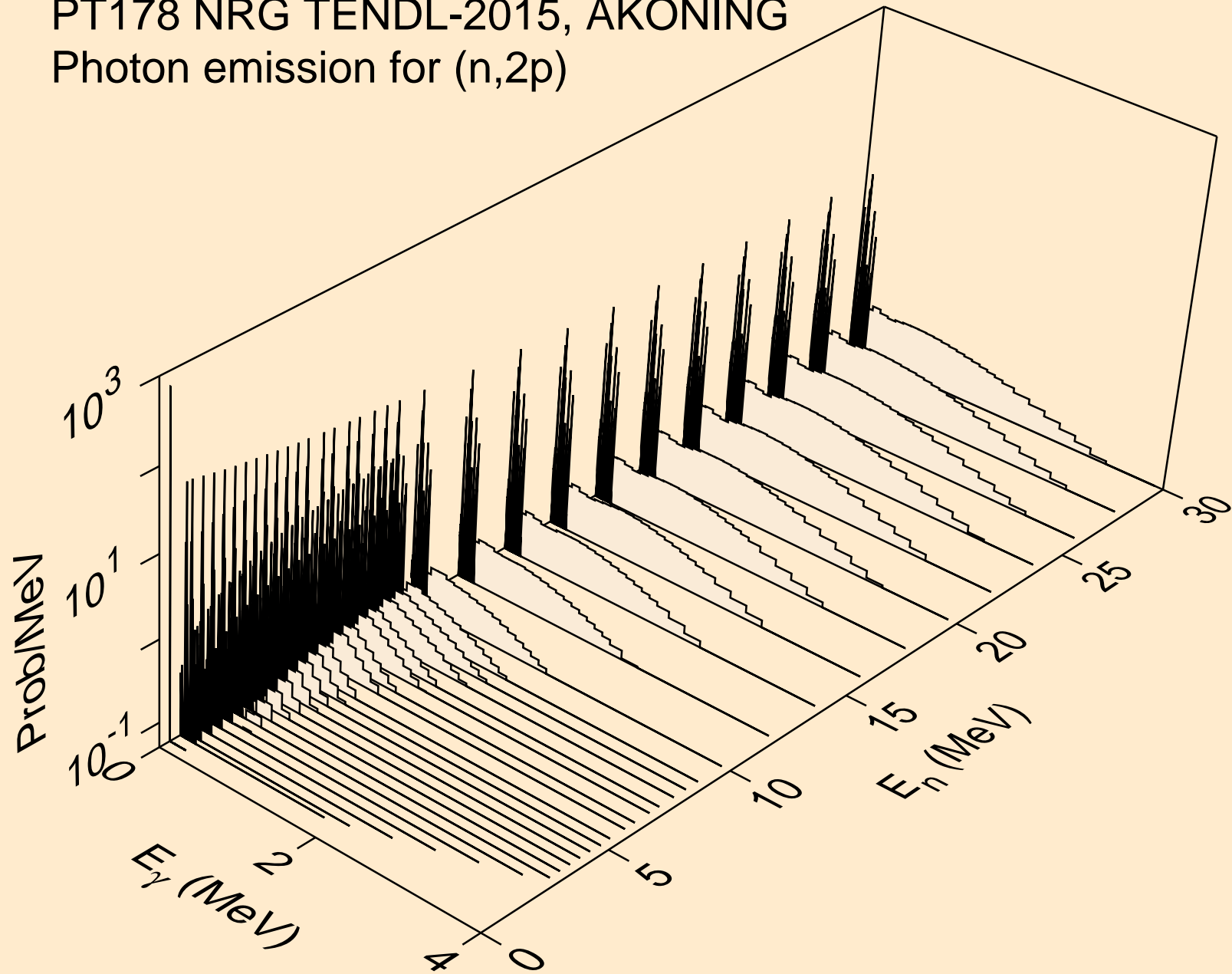
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



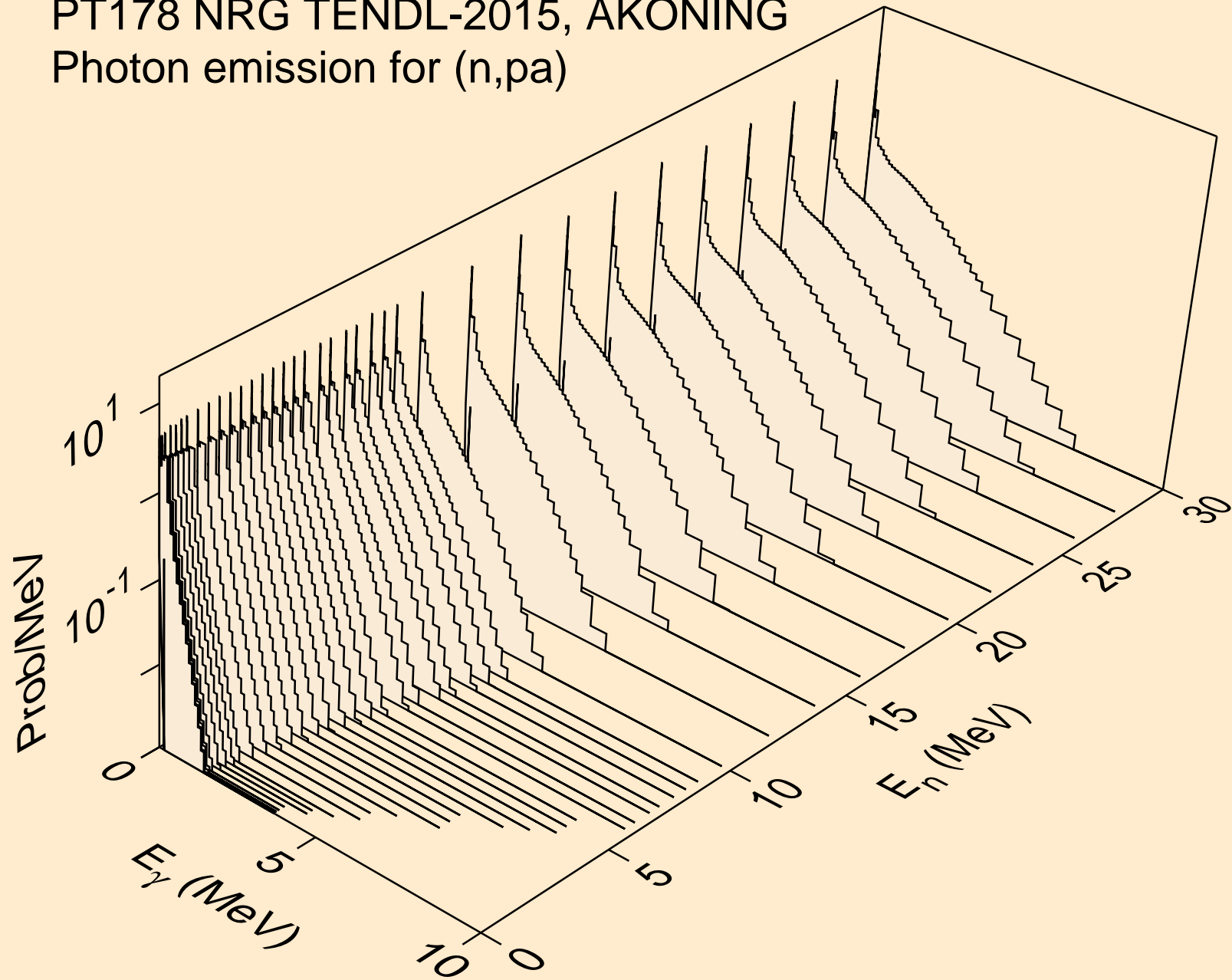
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



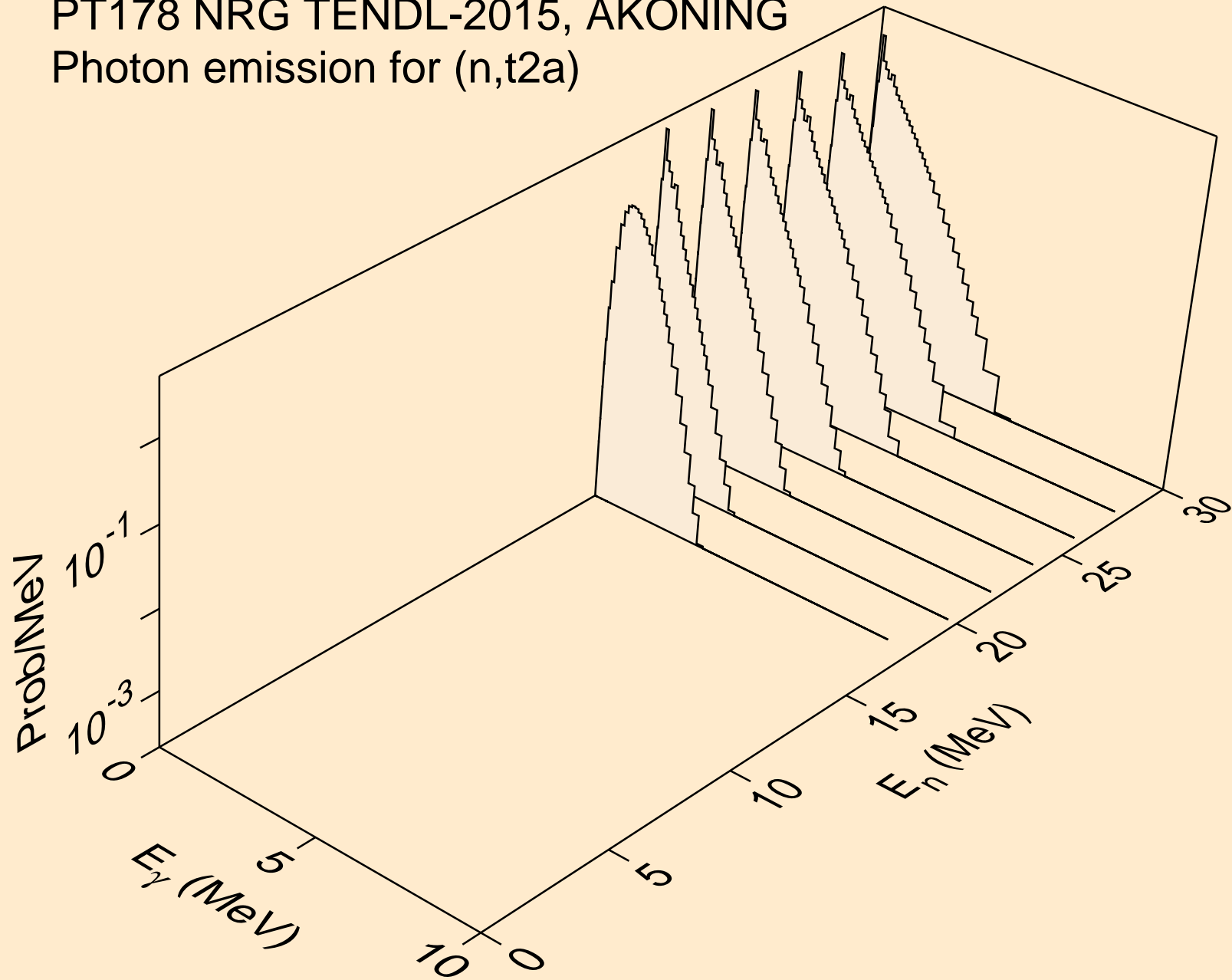
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

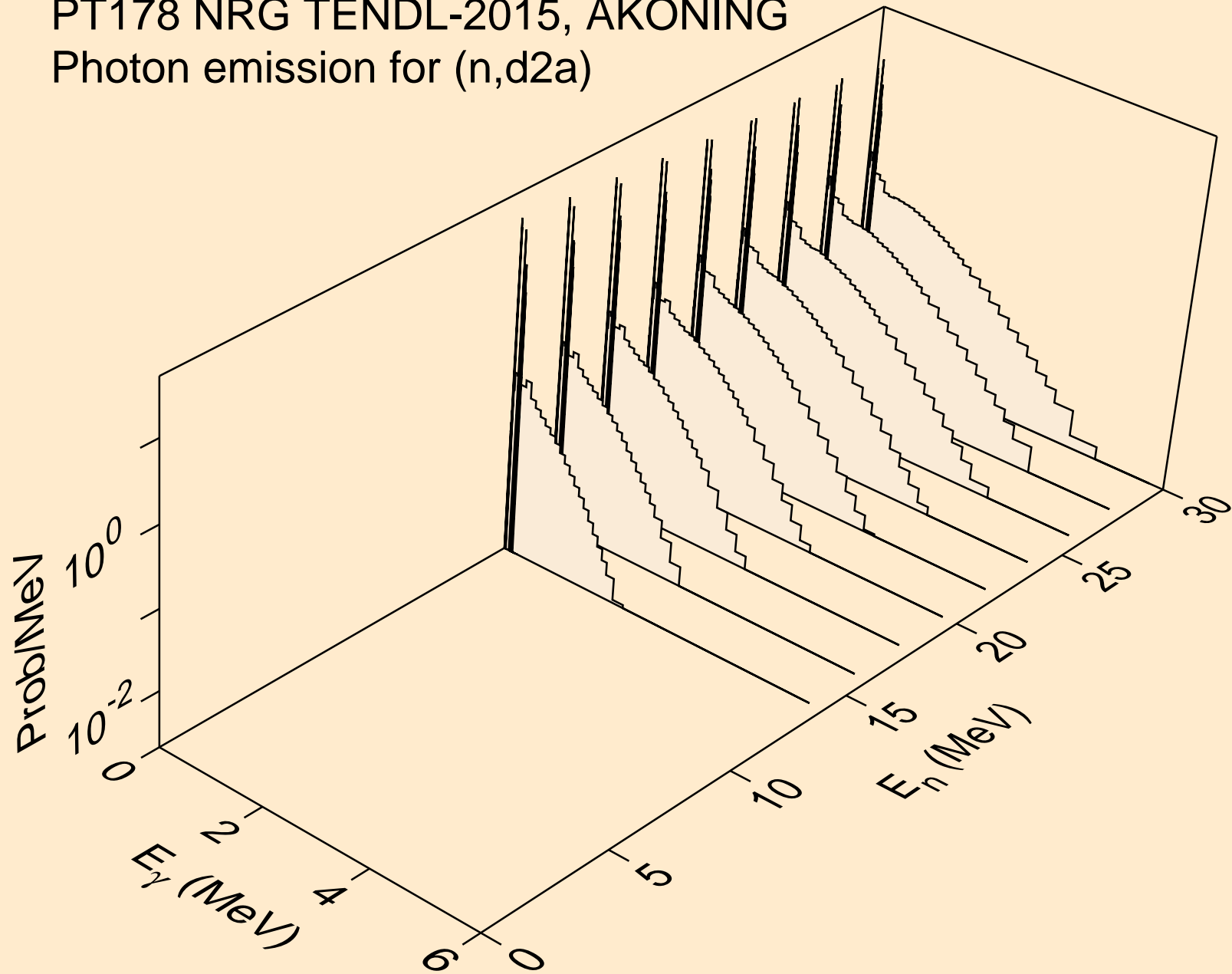


PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

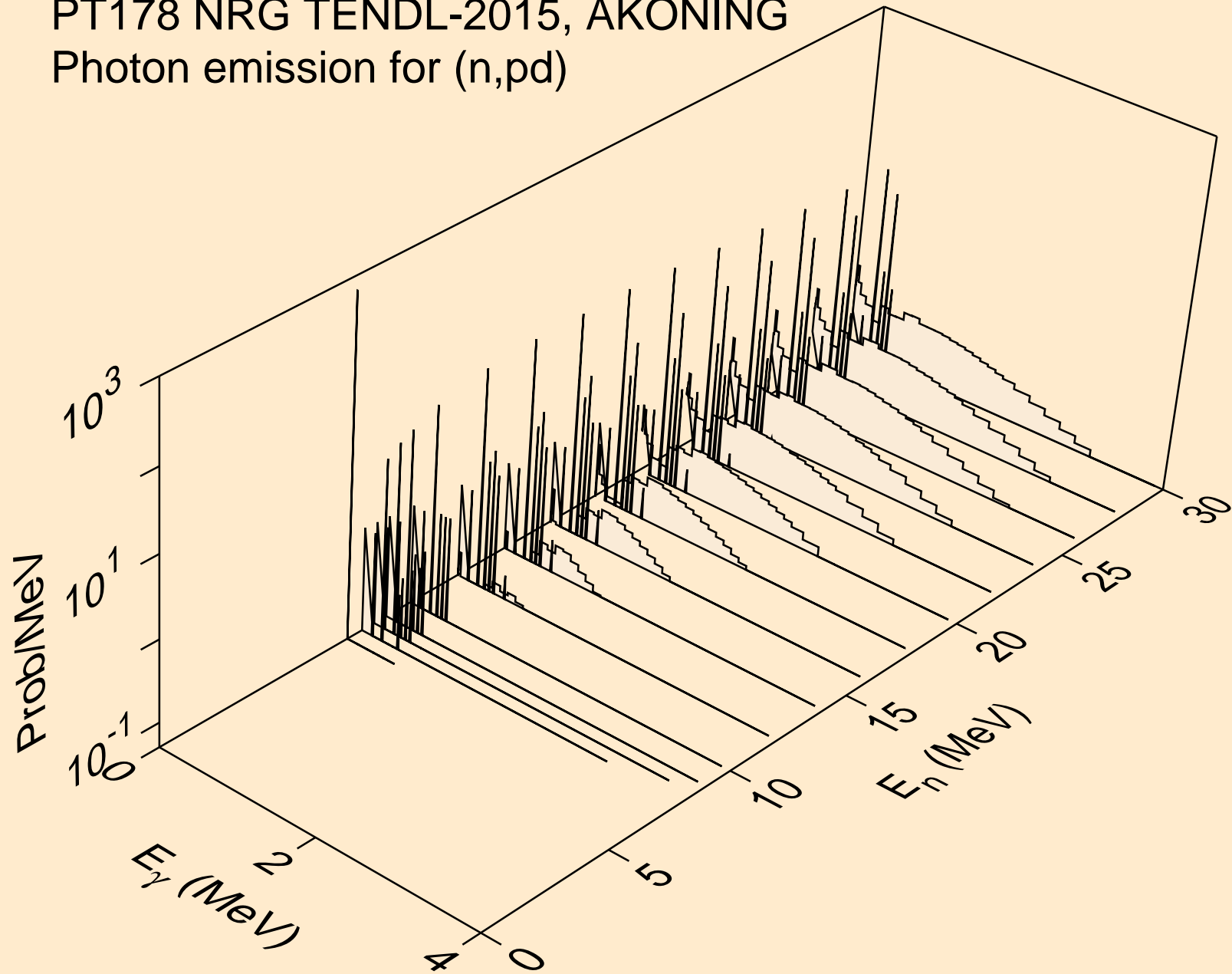




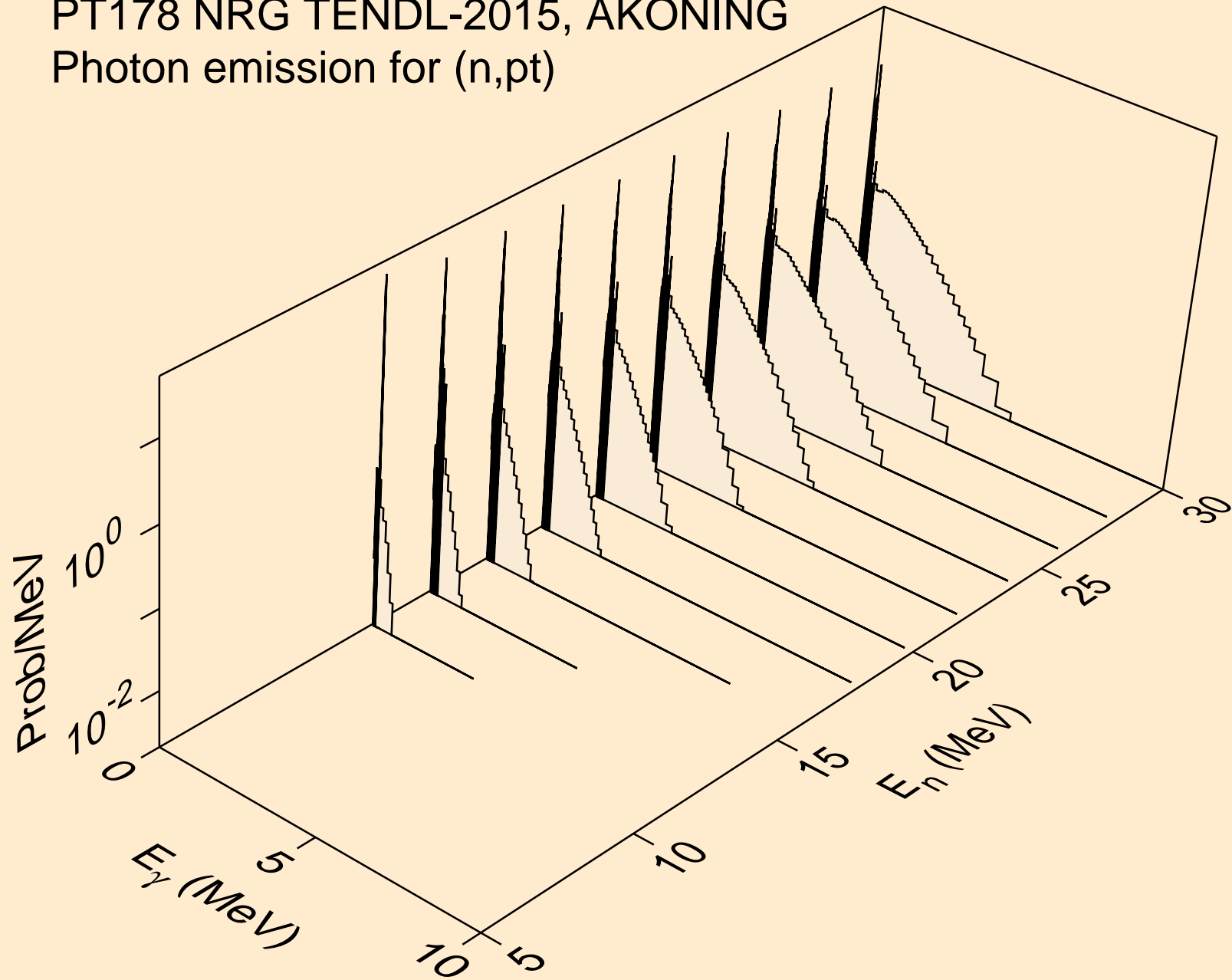
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



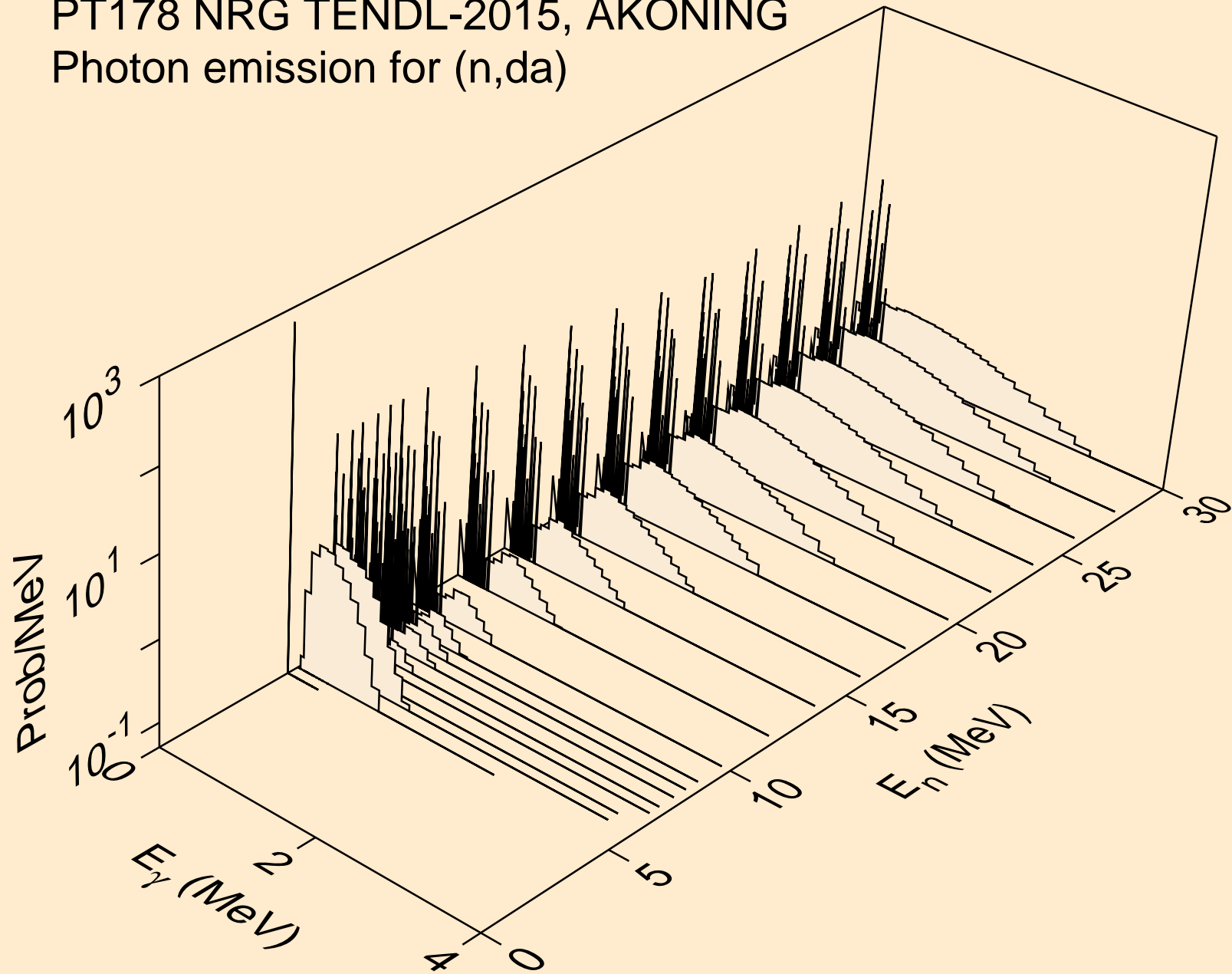
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



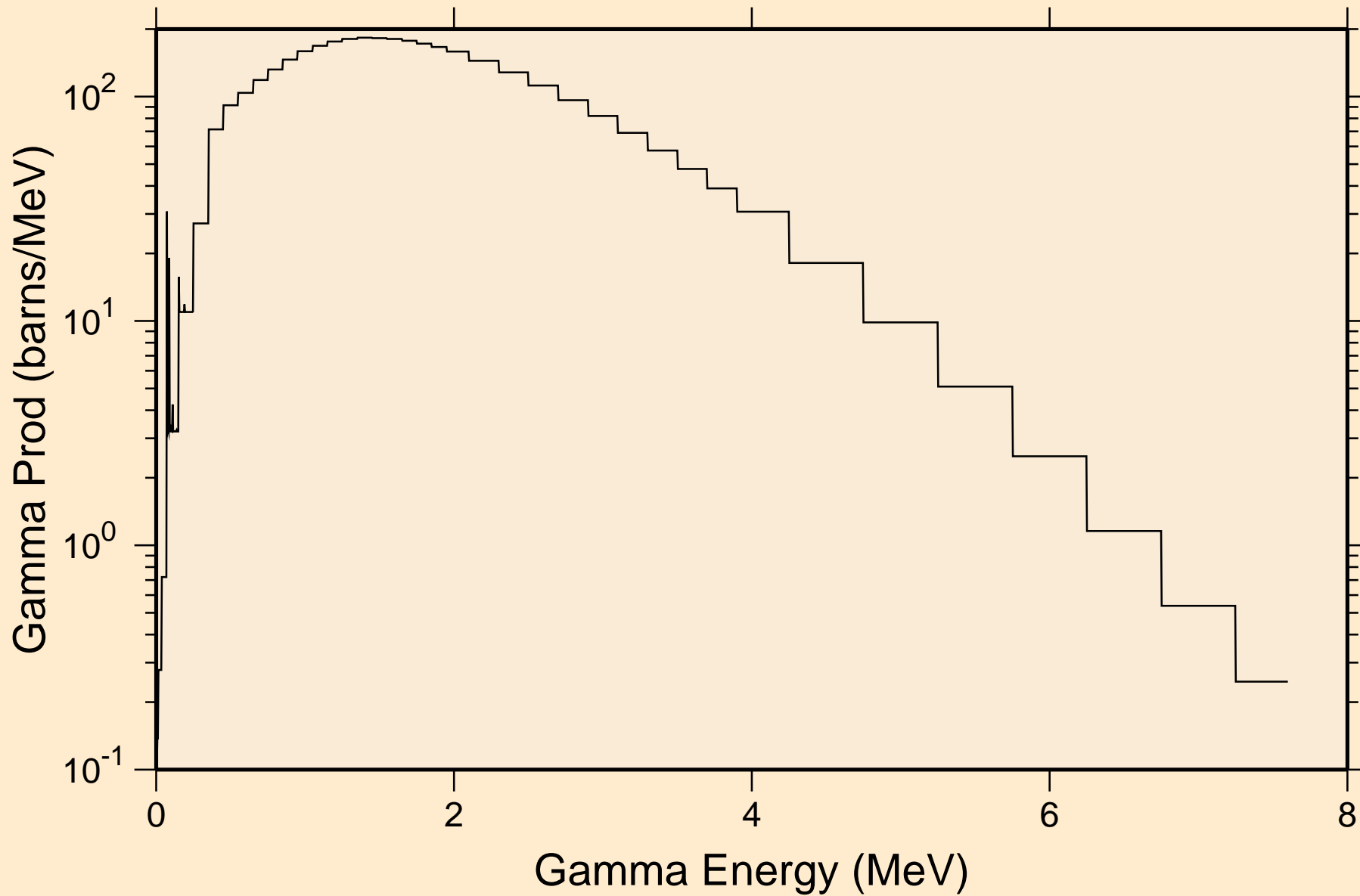
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



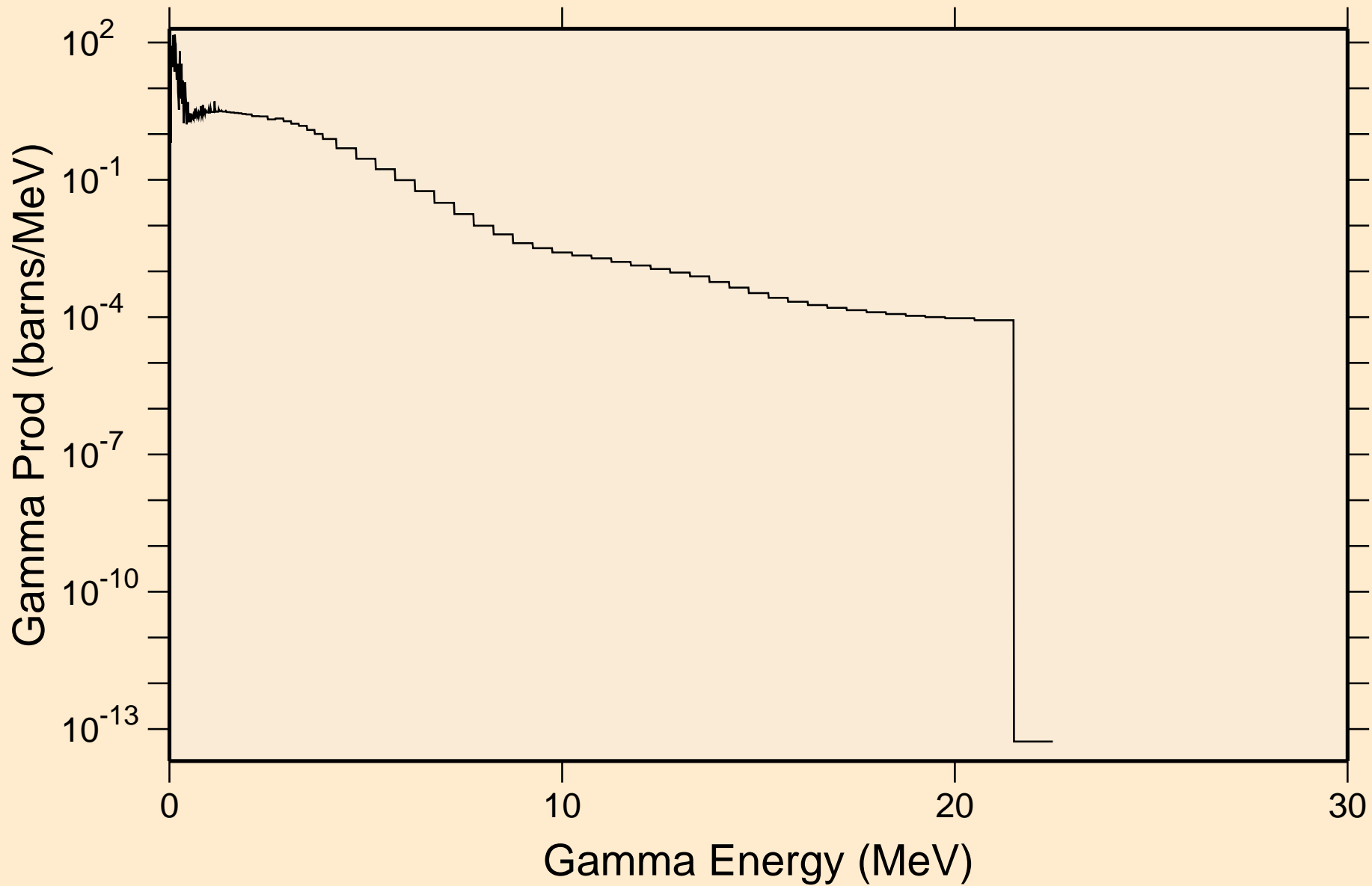
PT178 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PT178 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

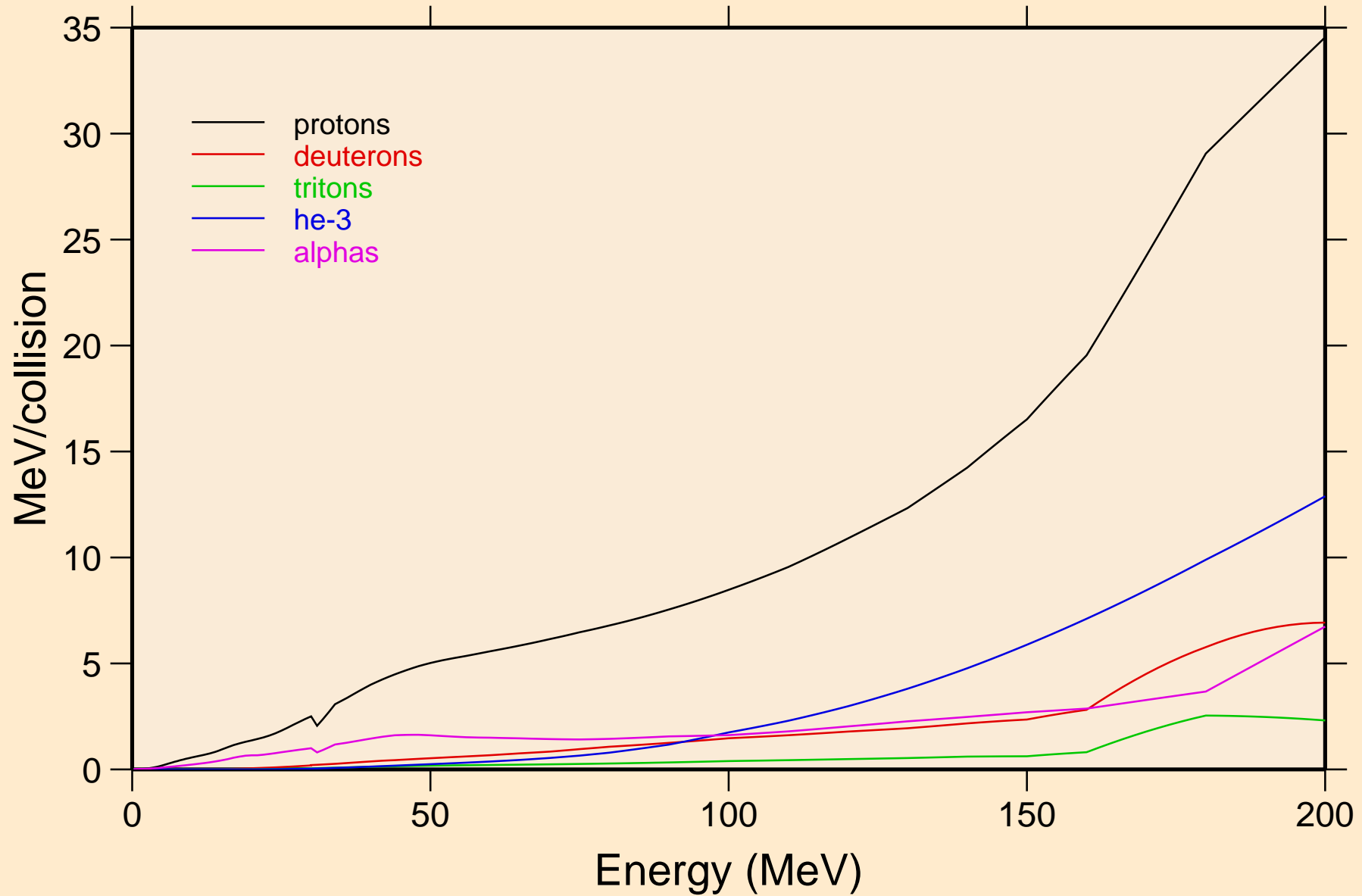


PT178 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



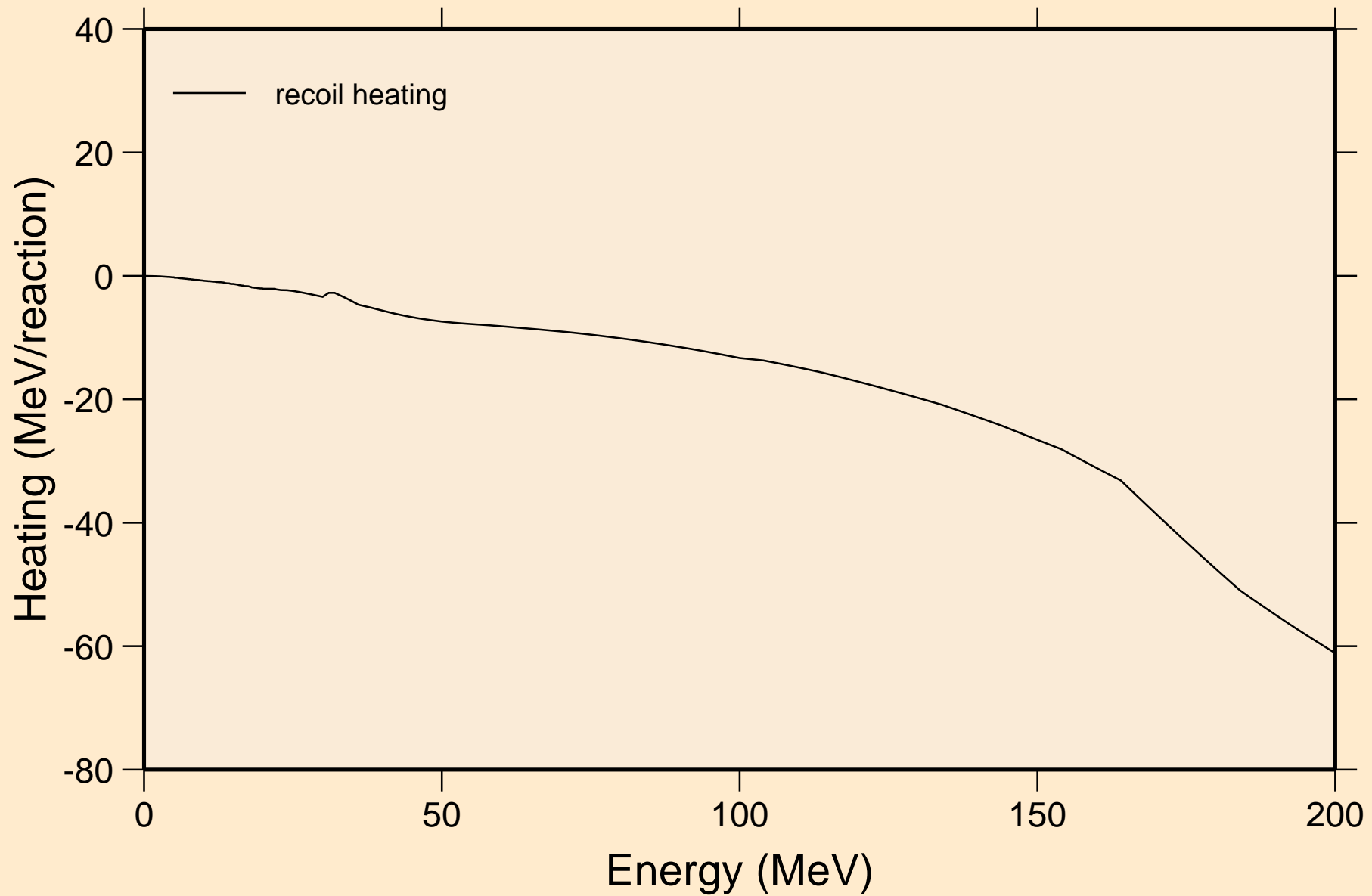
# PT178 NRG TENDL-2015, AKONING

## Particle heating contributions



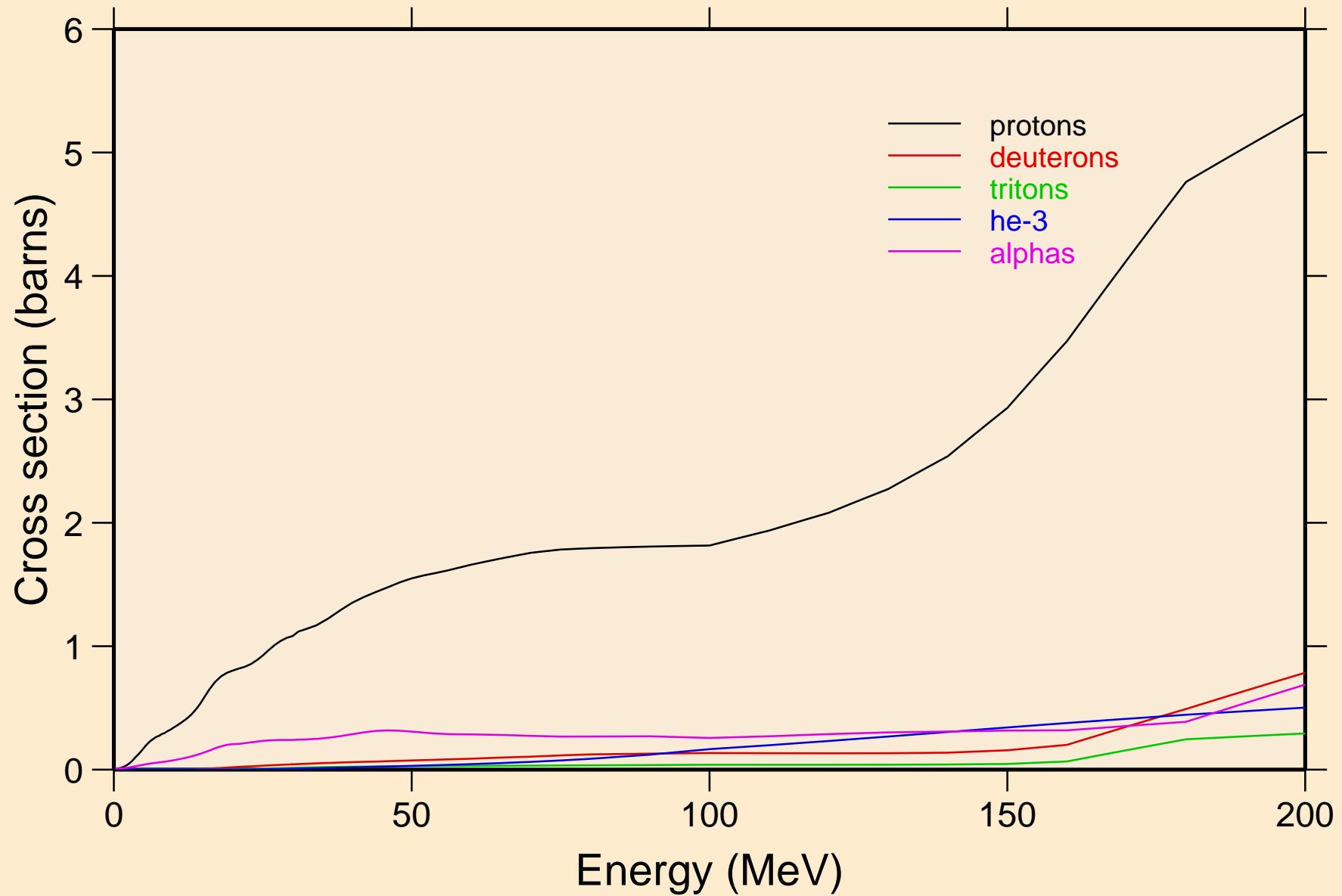
# PT178 NRG TENDL-2015, AKONING

## Recoil Heating

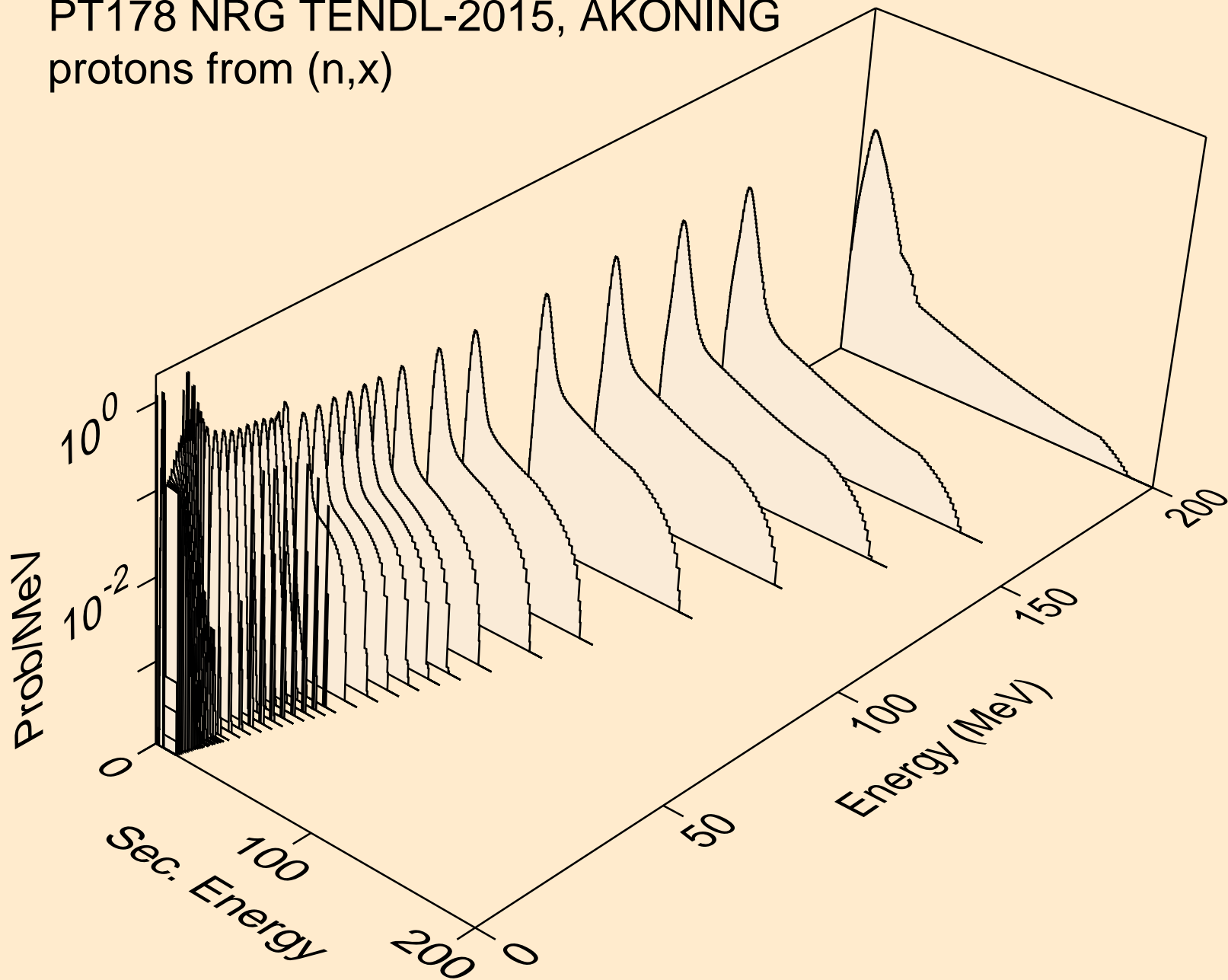




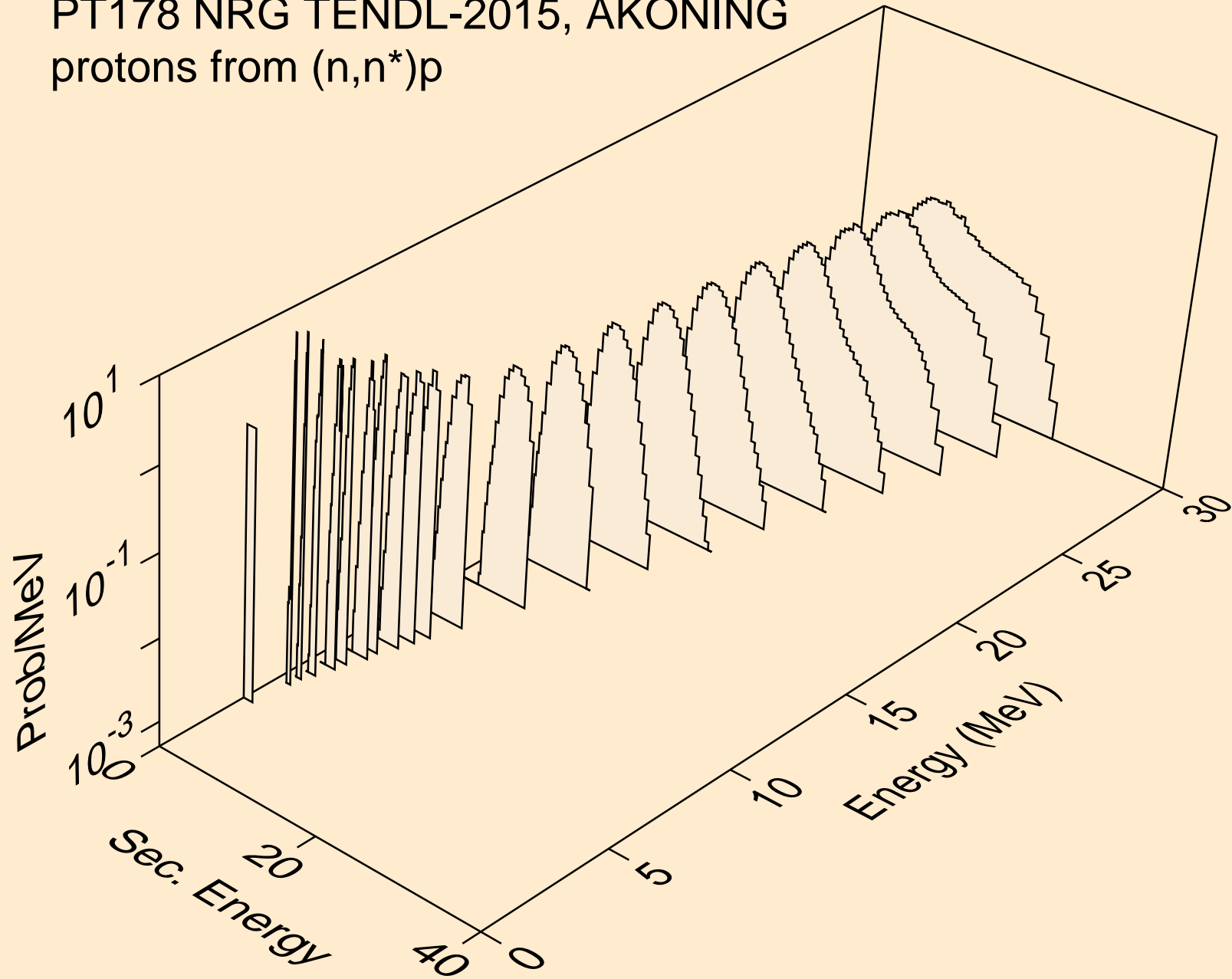
PT178 NRG TENDL-2015, AKONING  
Particle production cross sections



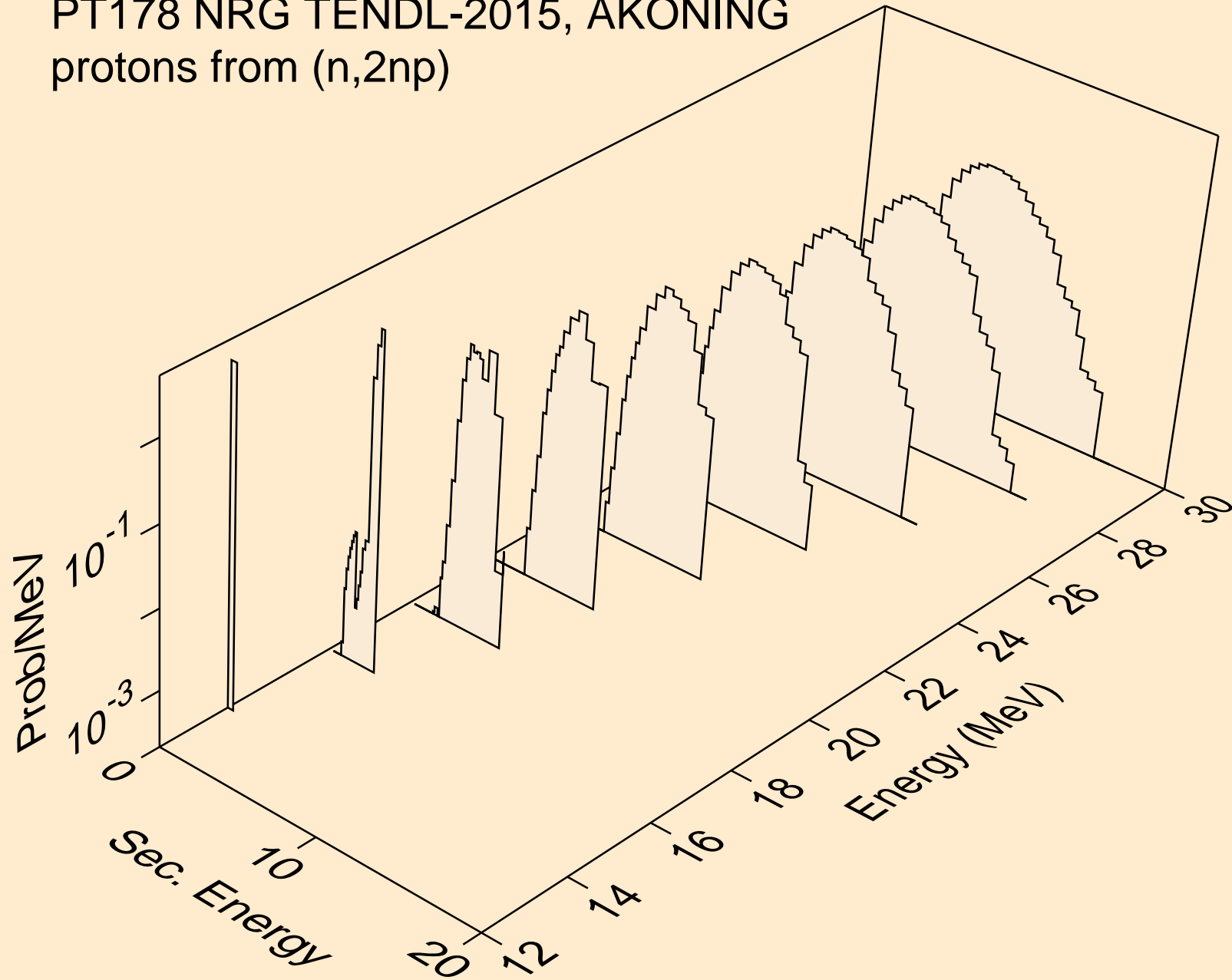
PT178 NRG TENDL-2015, AKONING  
protons from (n,x)



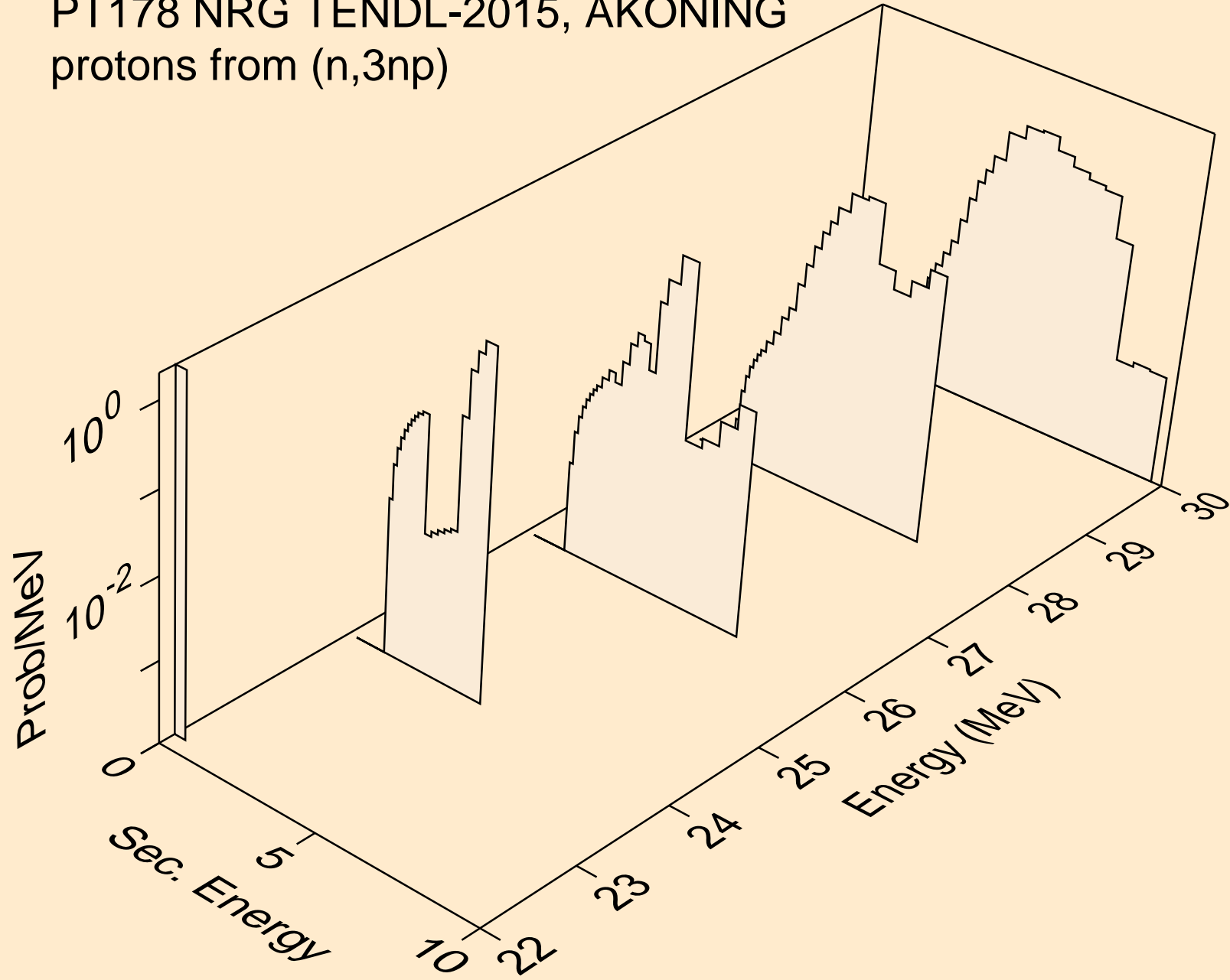
PT178 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



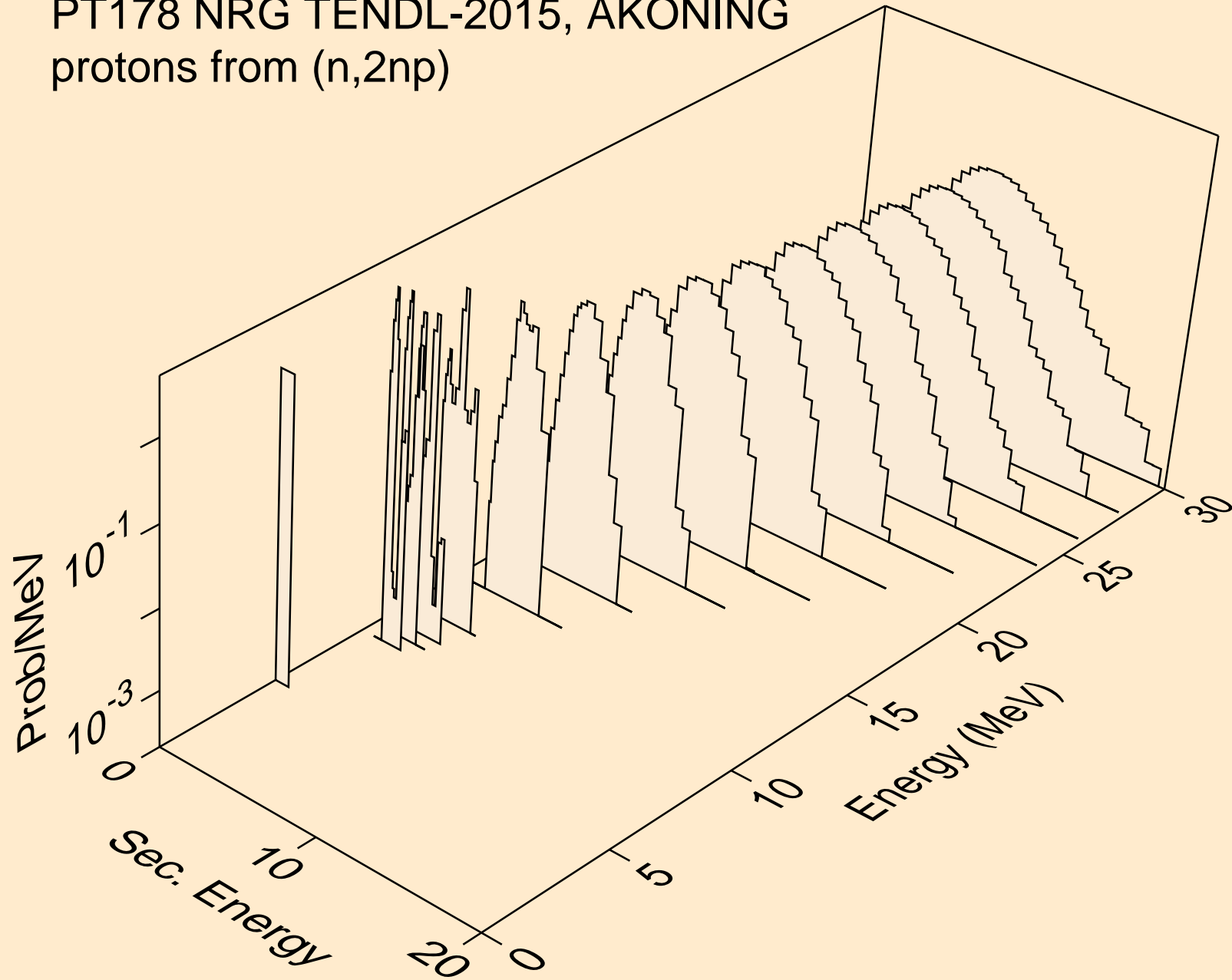
PT178 NRG TENDL-2015, AKONING  
protons from (n,2np)



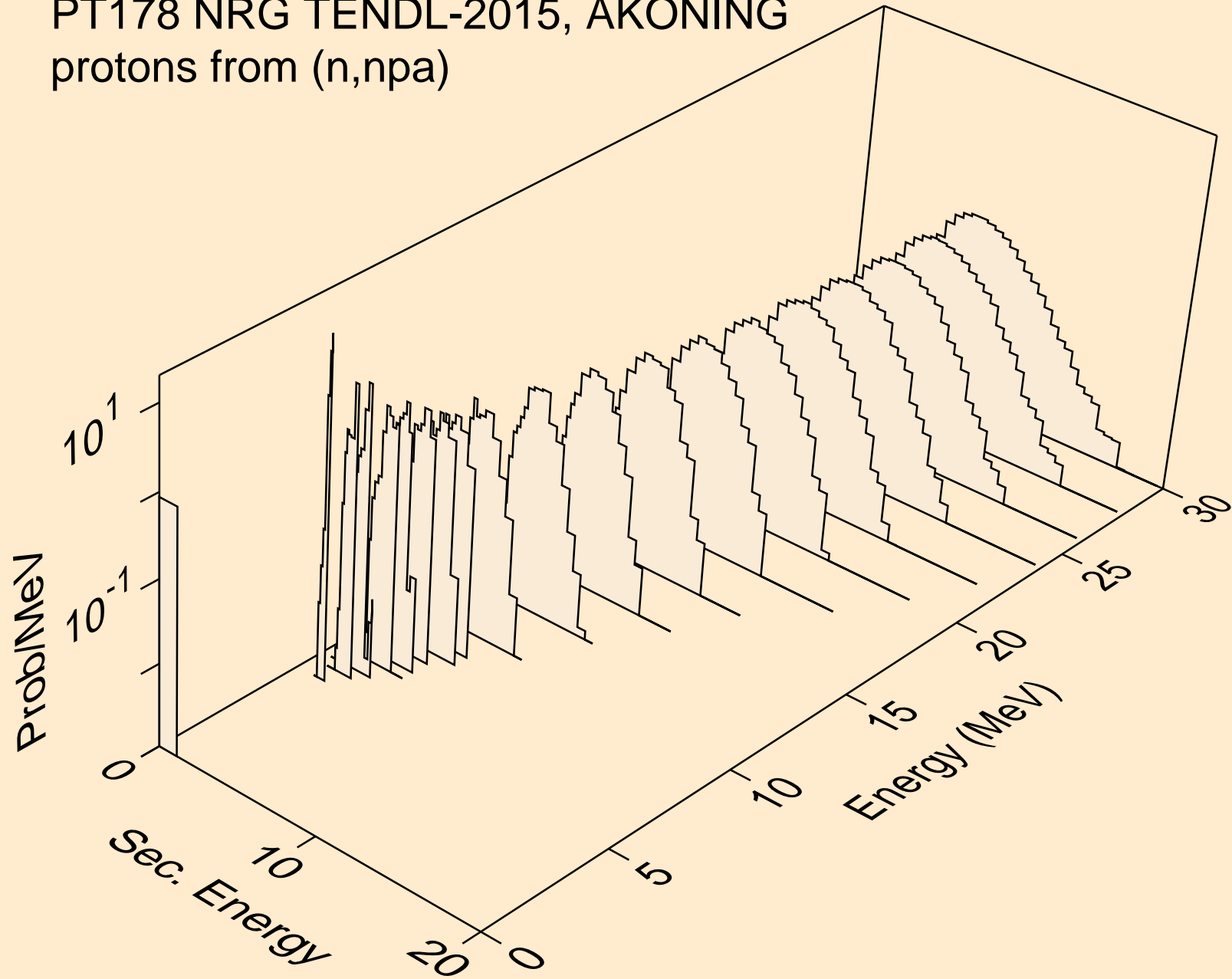
PT178 NRG TENDL-2015, AKONING  
protons from (n,3np)



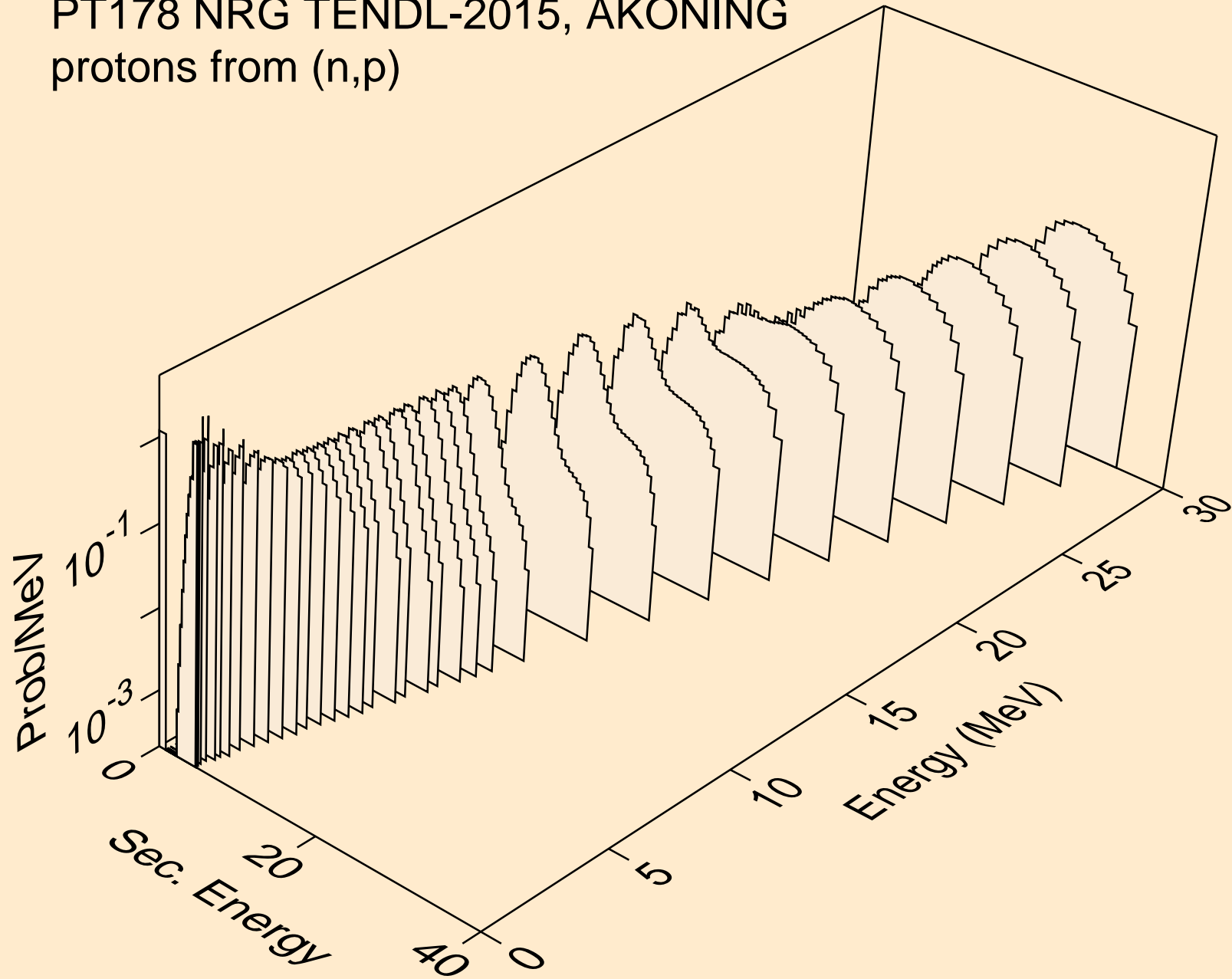
PT178 NRG TENDL-2015, AKONING  
protons from (n,2np)



PT178 NRG TENDL-2015, AKONING  
protons from (n,npa)

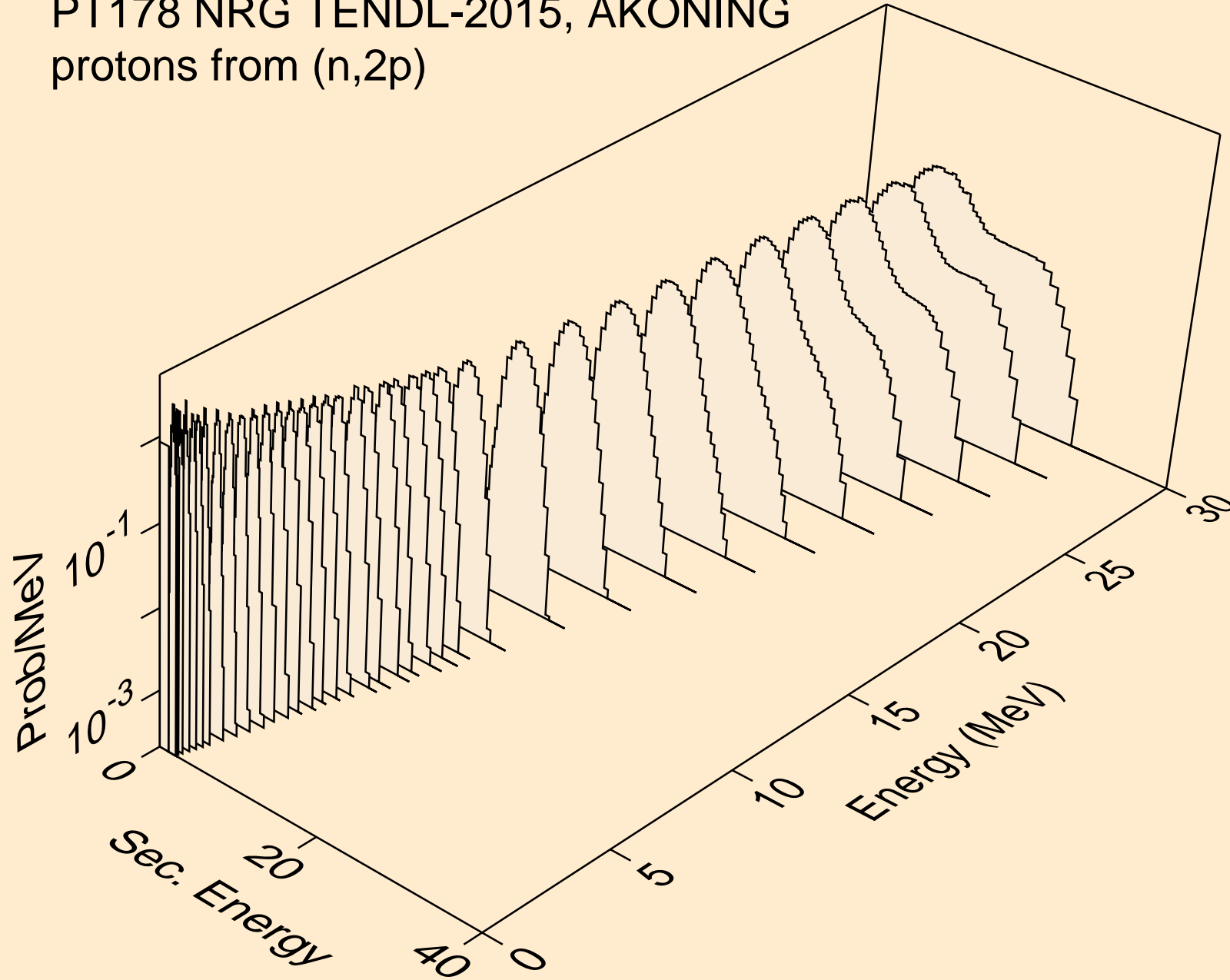


PT178 NRG TENDL-2015, AKONING  
protons from (n,p)

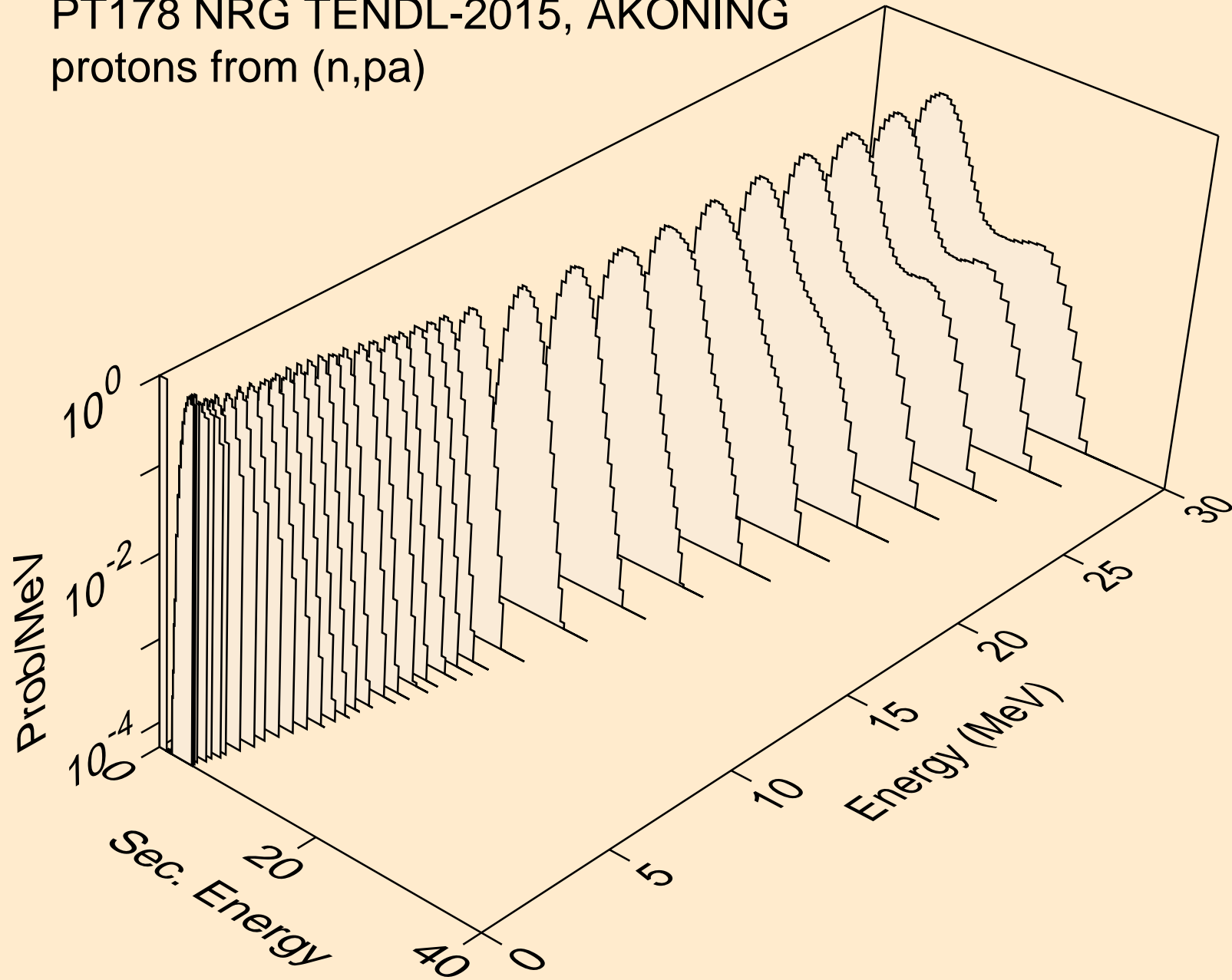




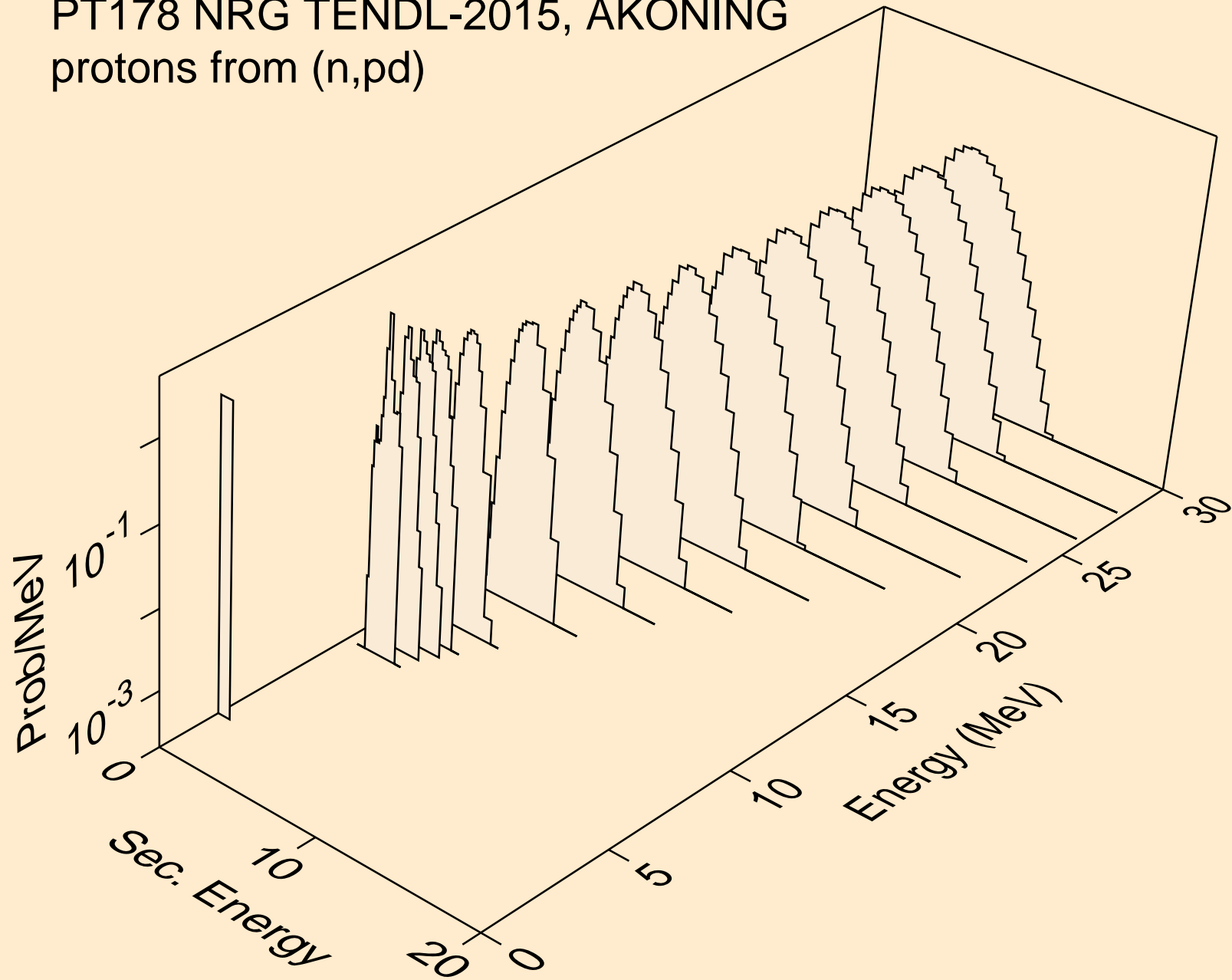
PT178 NRG TENDL-2015, AKONING  
protons from (n,2p)



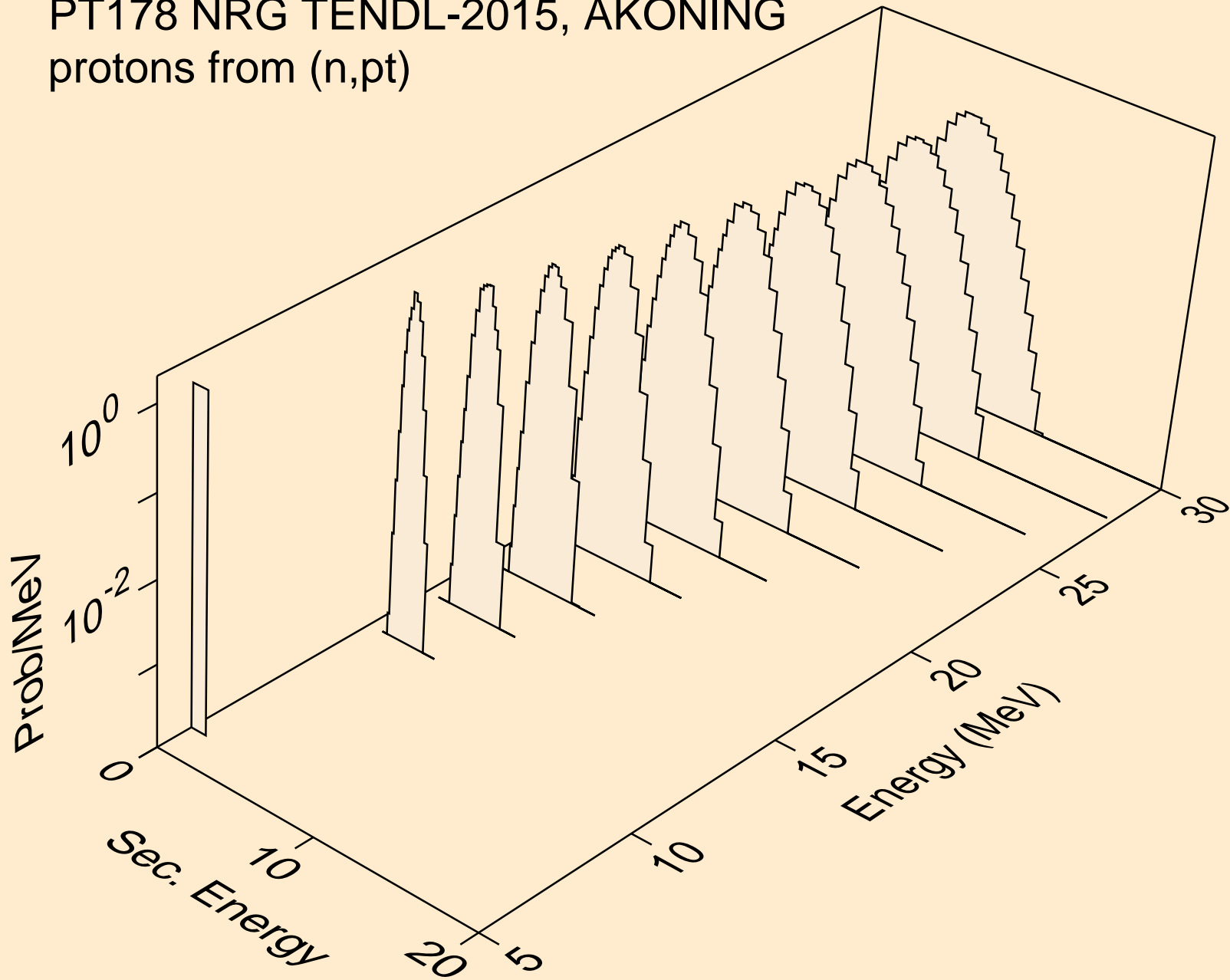
PT178 NRG TENDL-2015, AKONING  
protons from (n,pa)



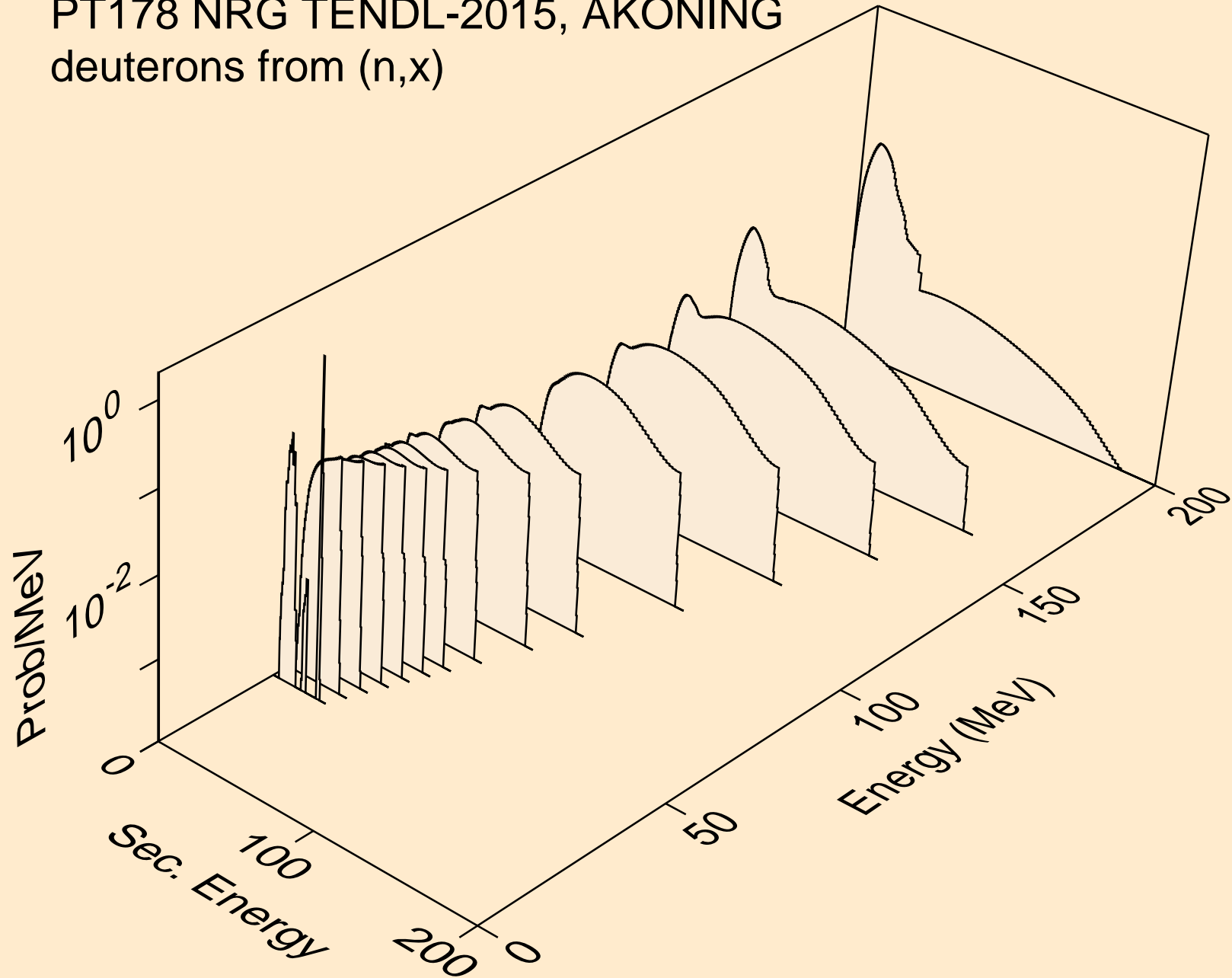
PT178 NRG TENDL-2015, AKONING  
protons from (n,pd)



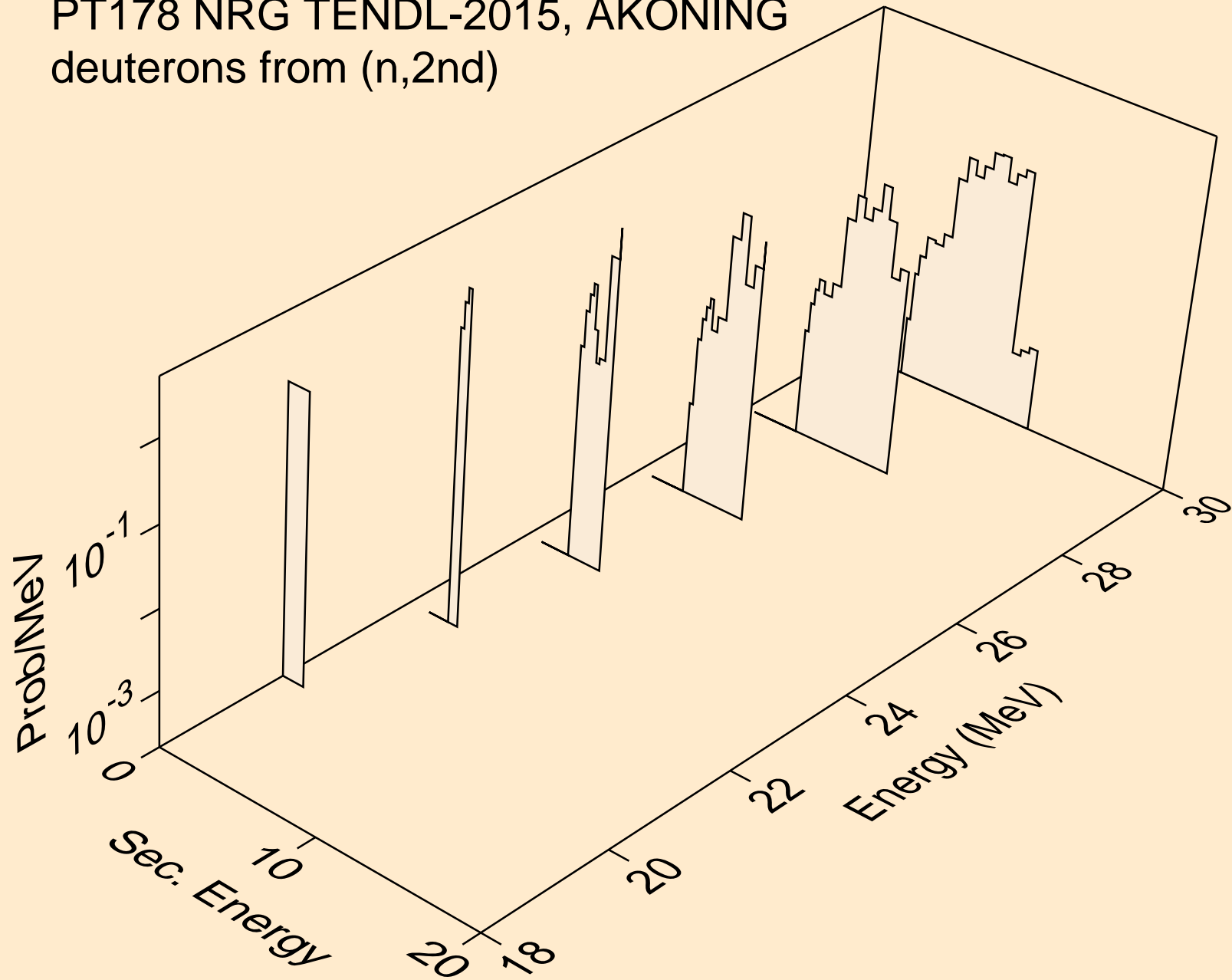
PT178 NRG TENDL-2015, AKONING  
protons from (n,pt)



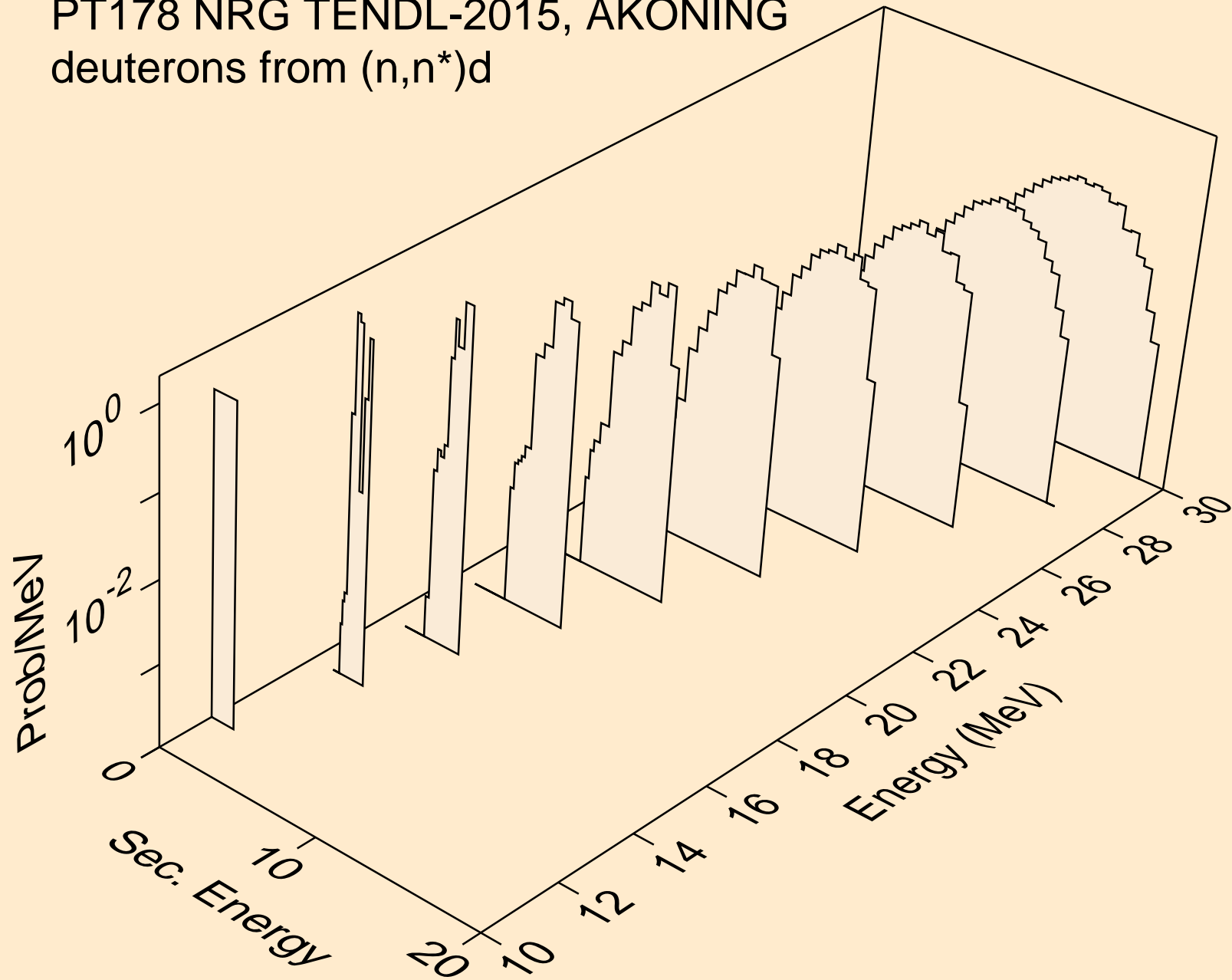
PT178 NRG TENDL-2015, AKONING  
deuterons from (n,x)



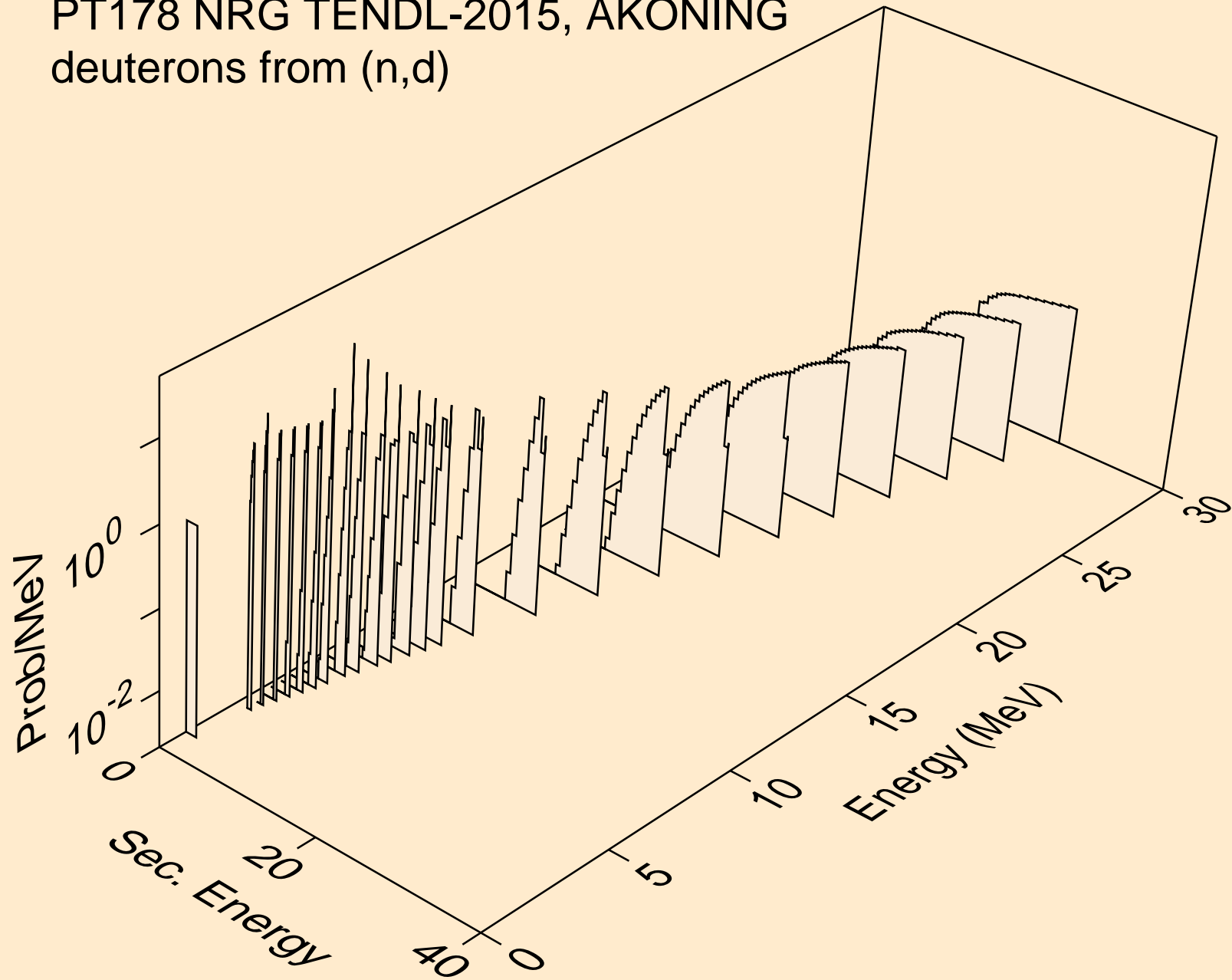
PT178 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



PT178 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

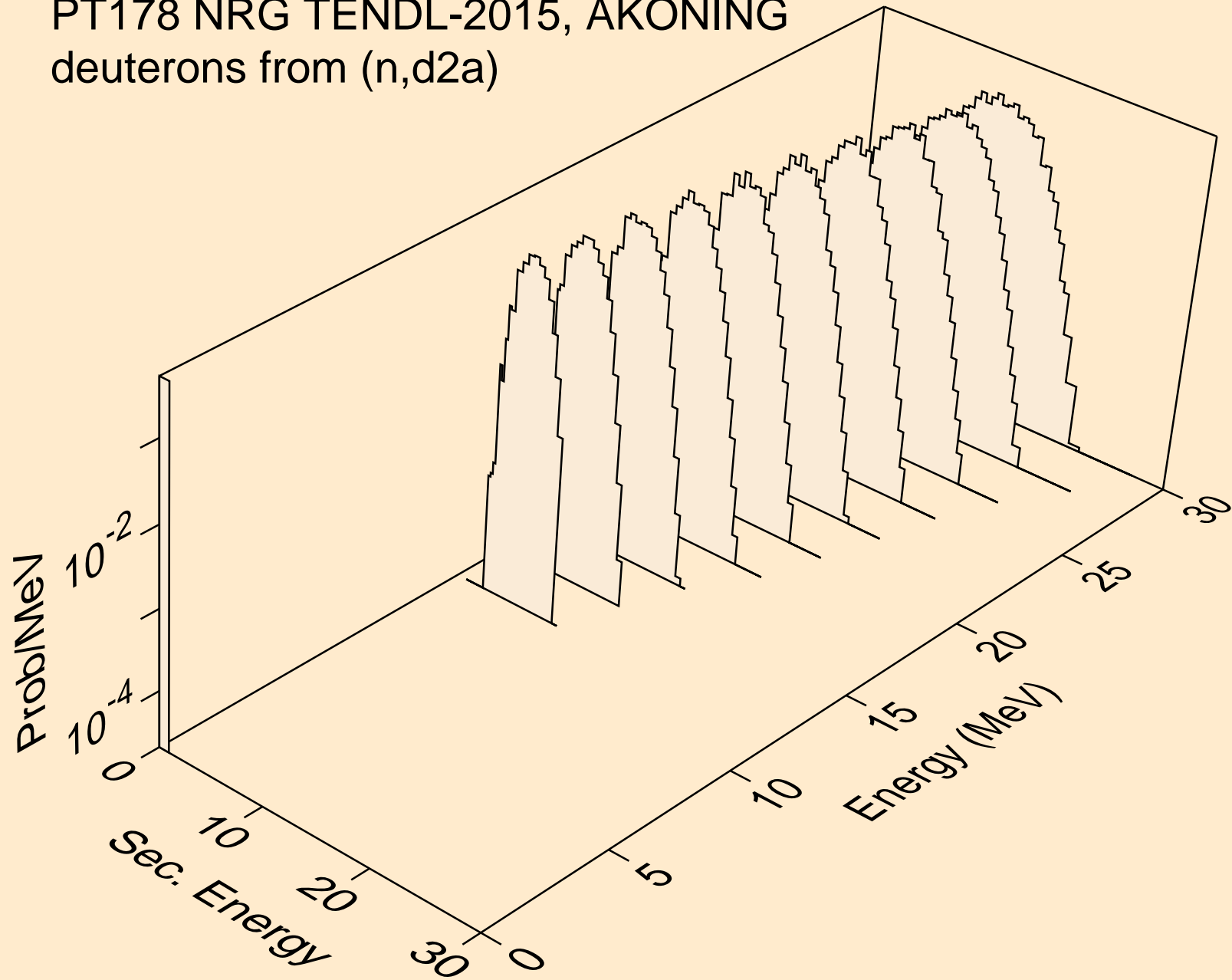


PT178 NRG TENDL-2015, AKONING  
deuterons from (n,d)

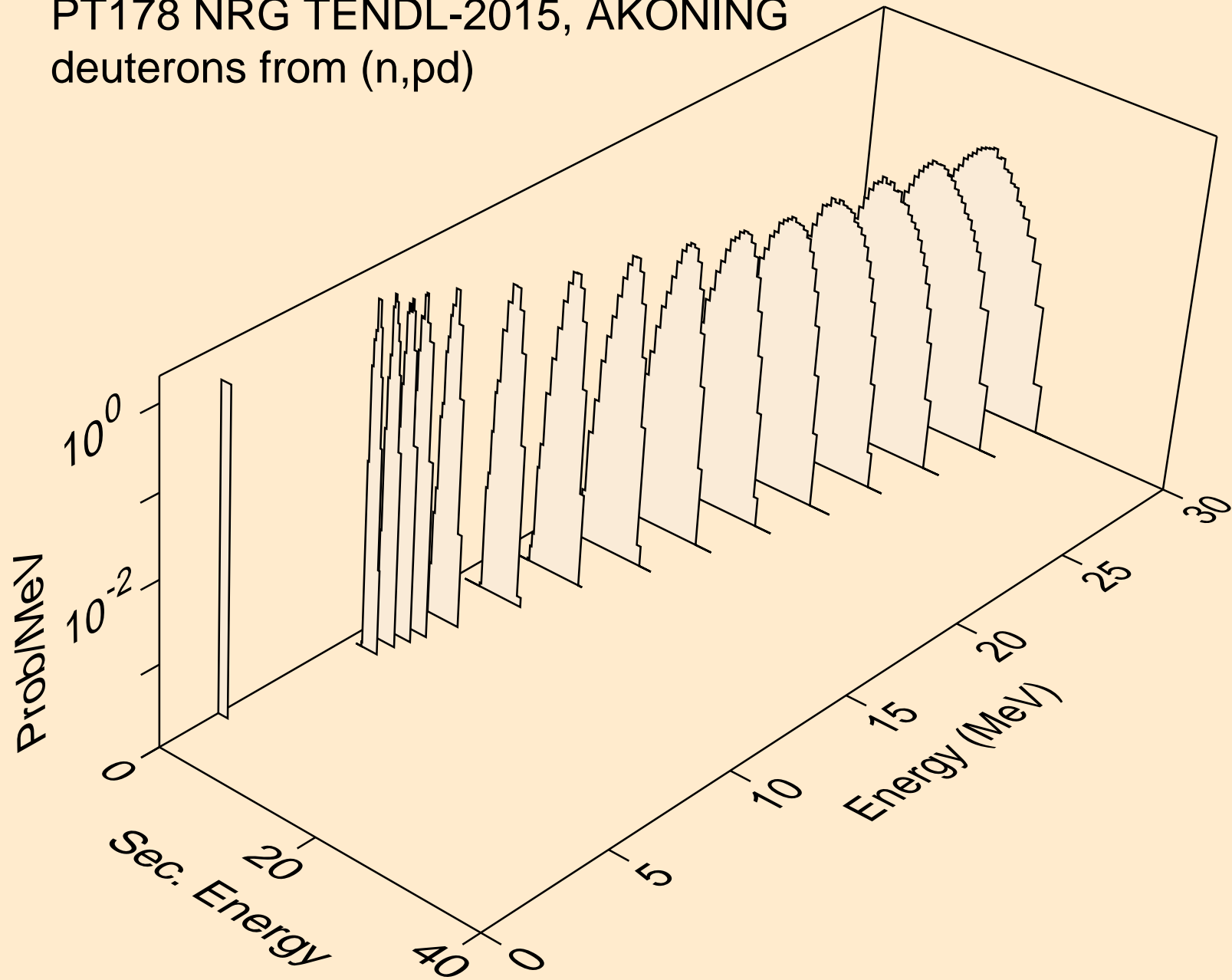




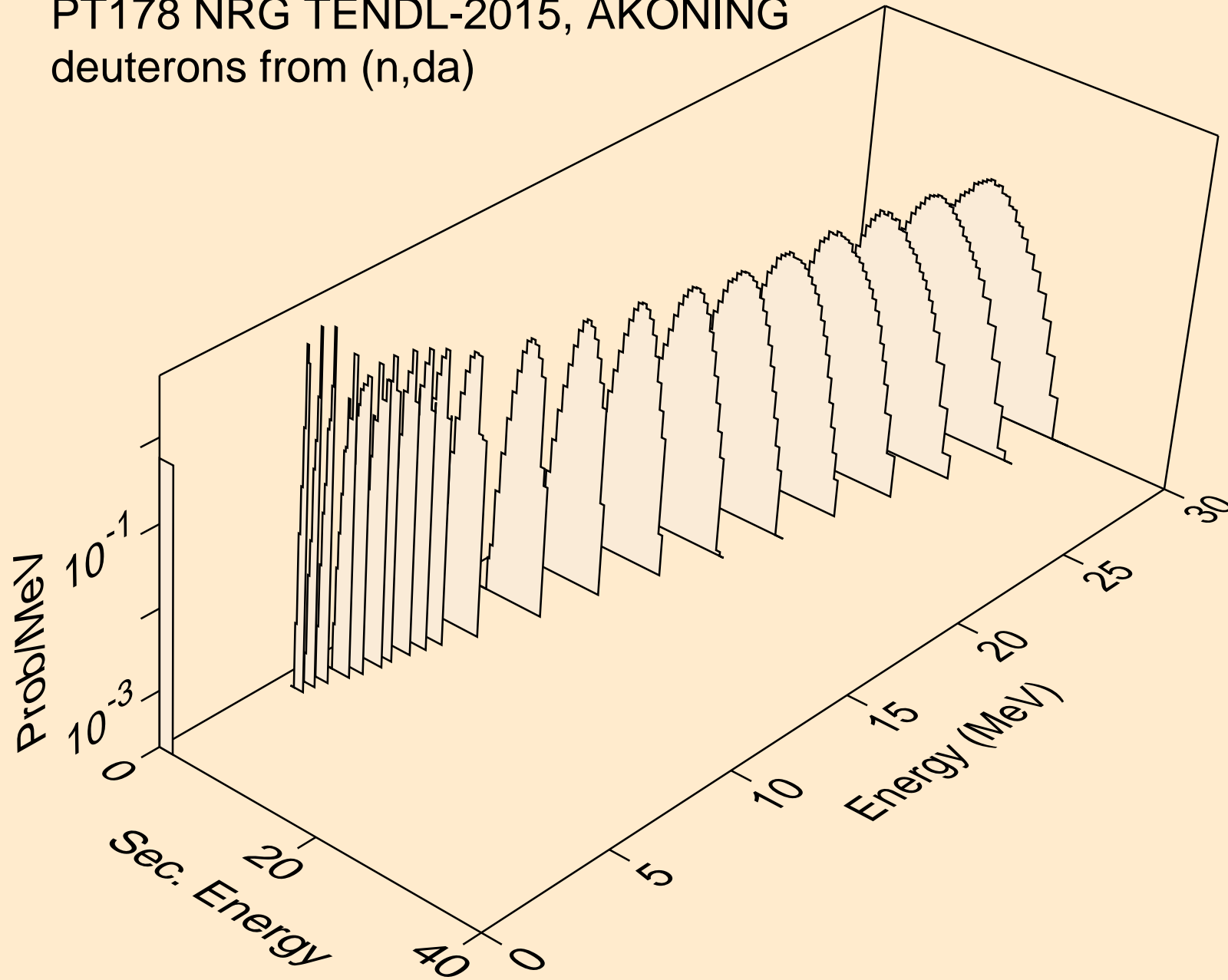
PT178 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



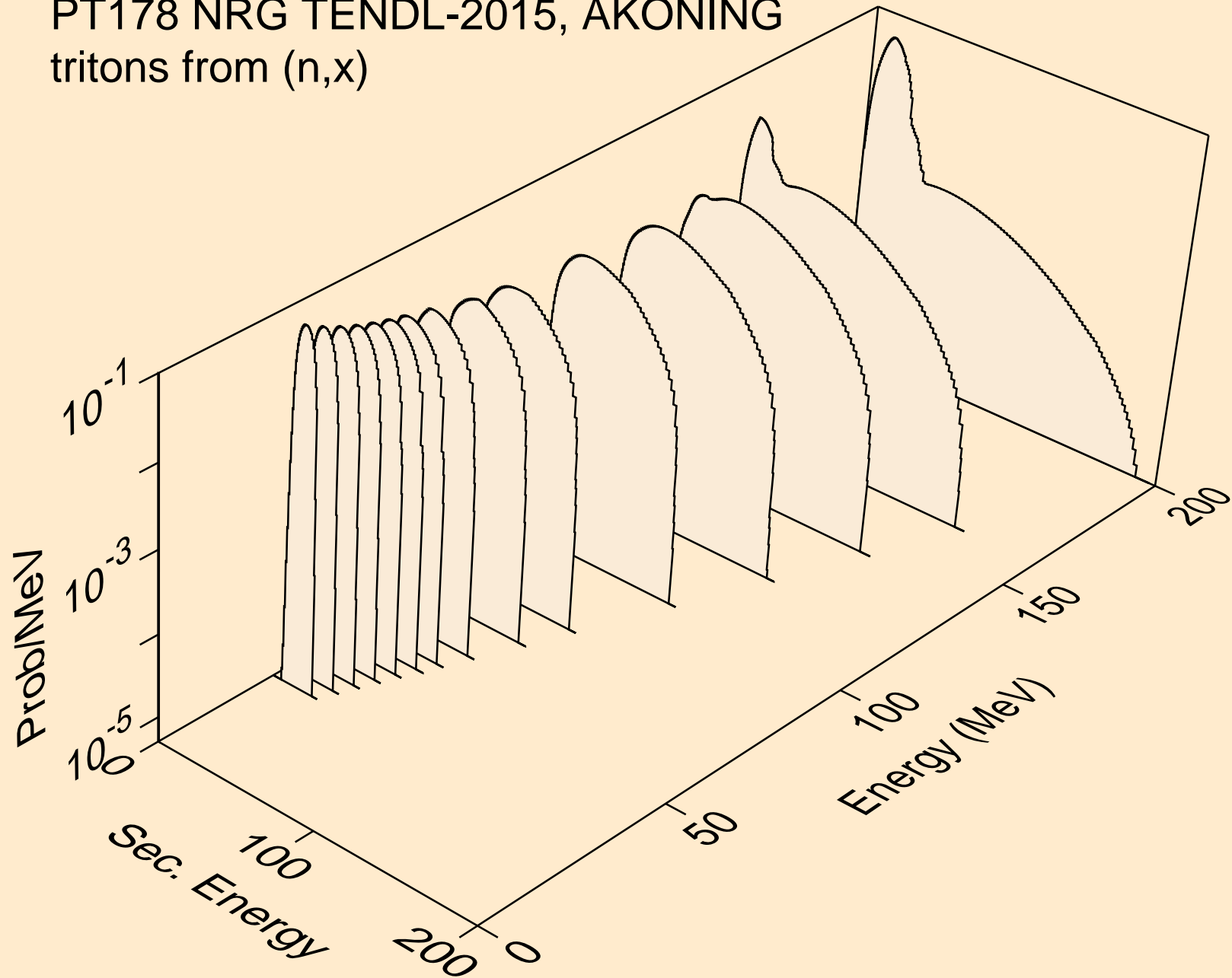
PT178 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



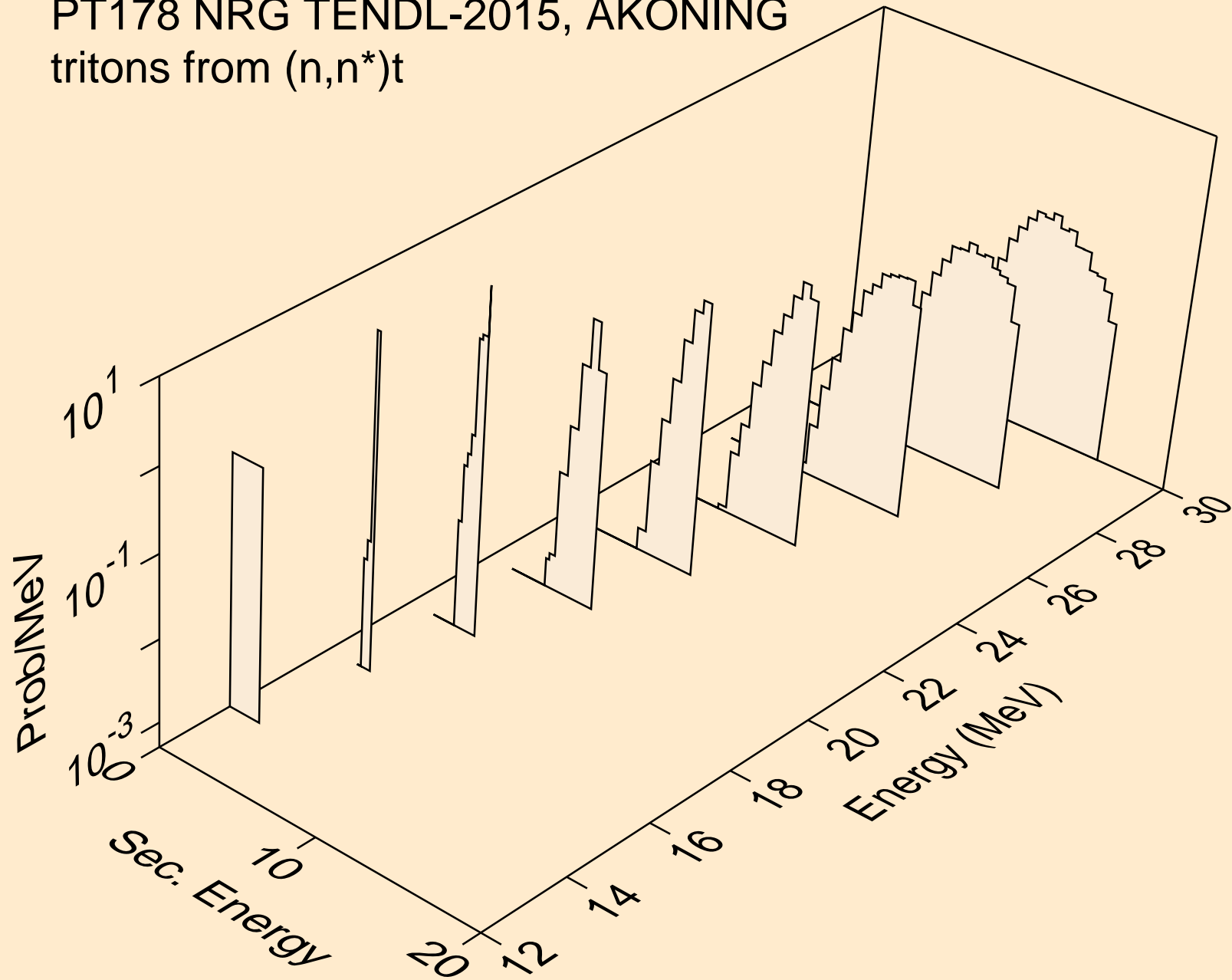
PT178 NRG TENDL-2015, AKONING  
deuterons from (n,da)



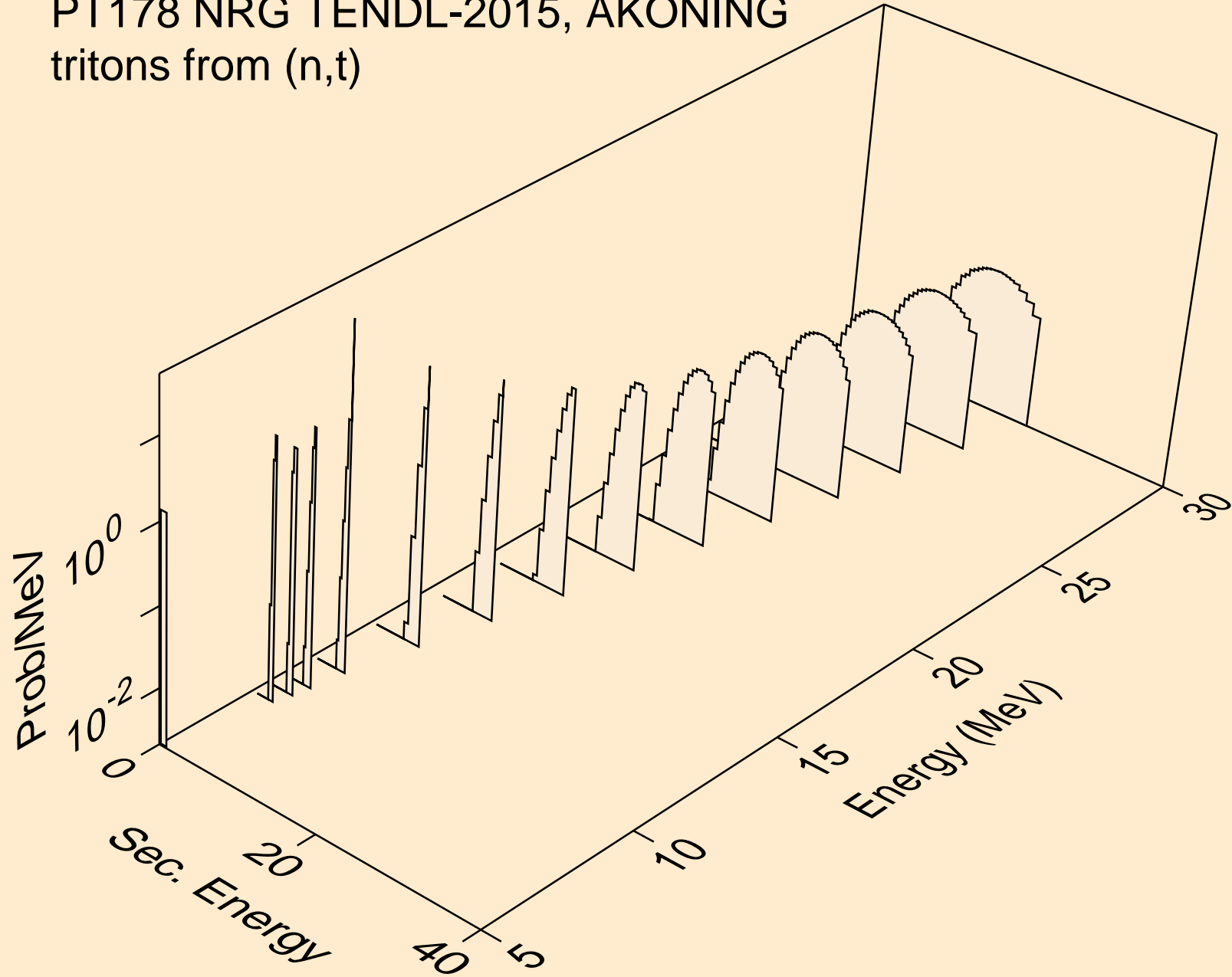
PT178 NRG TENDL-2015, AKONING  
tritons from (n,x)



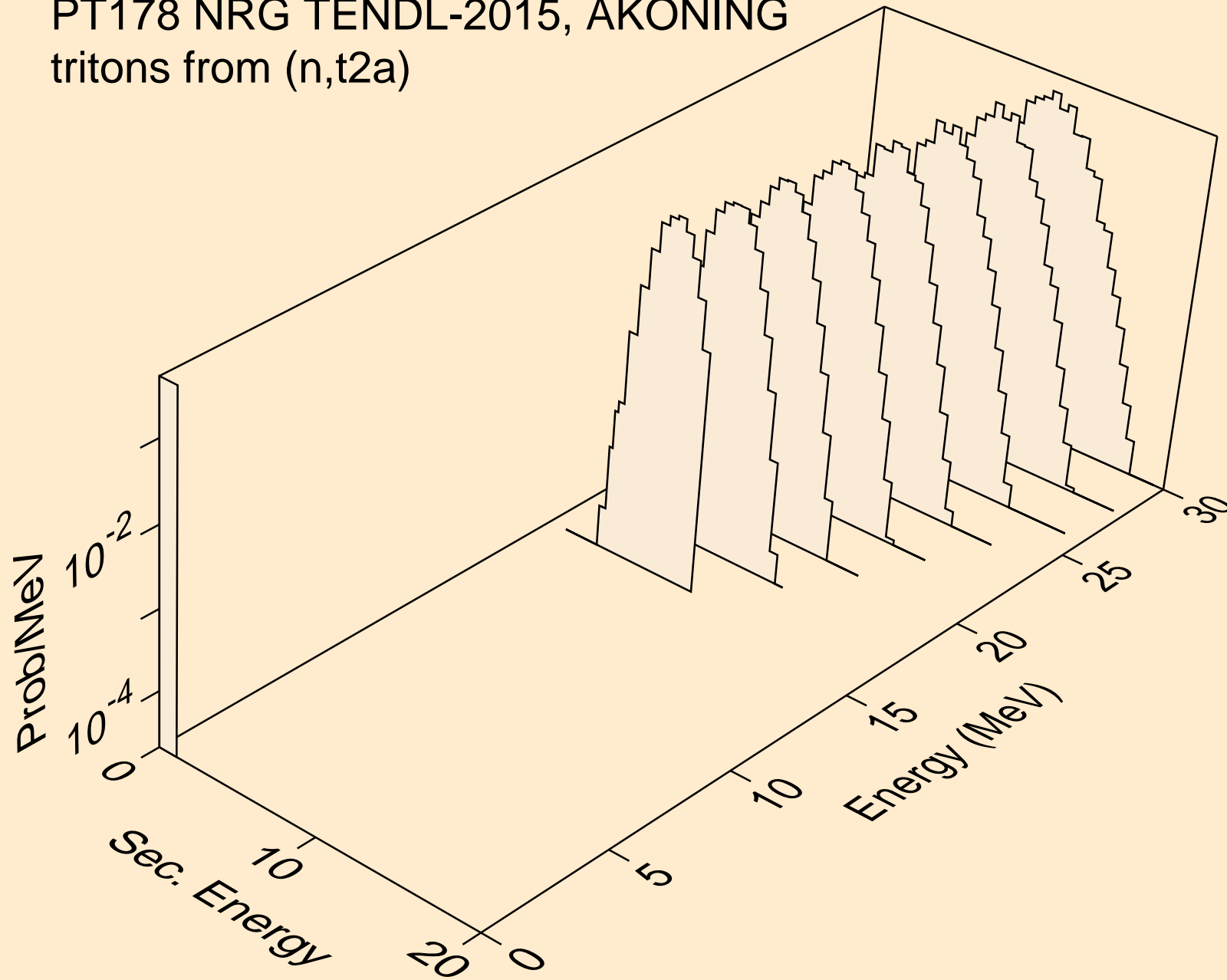
PT178 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



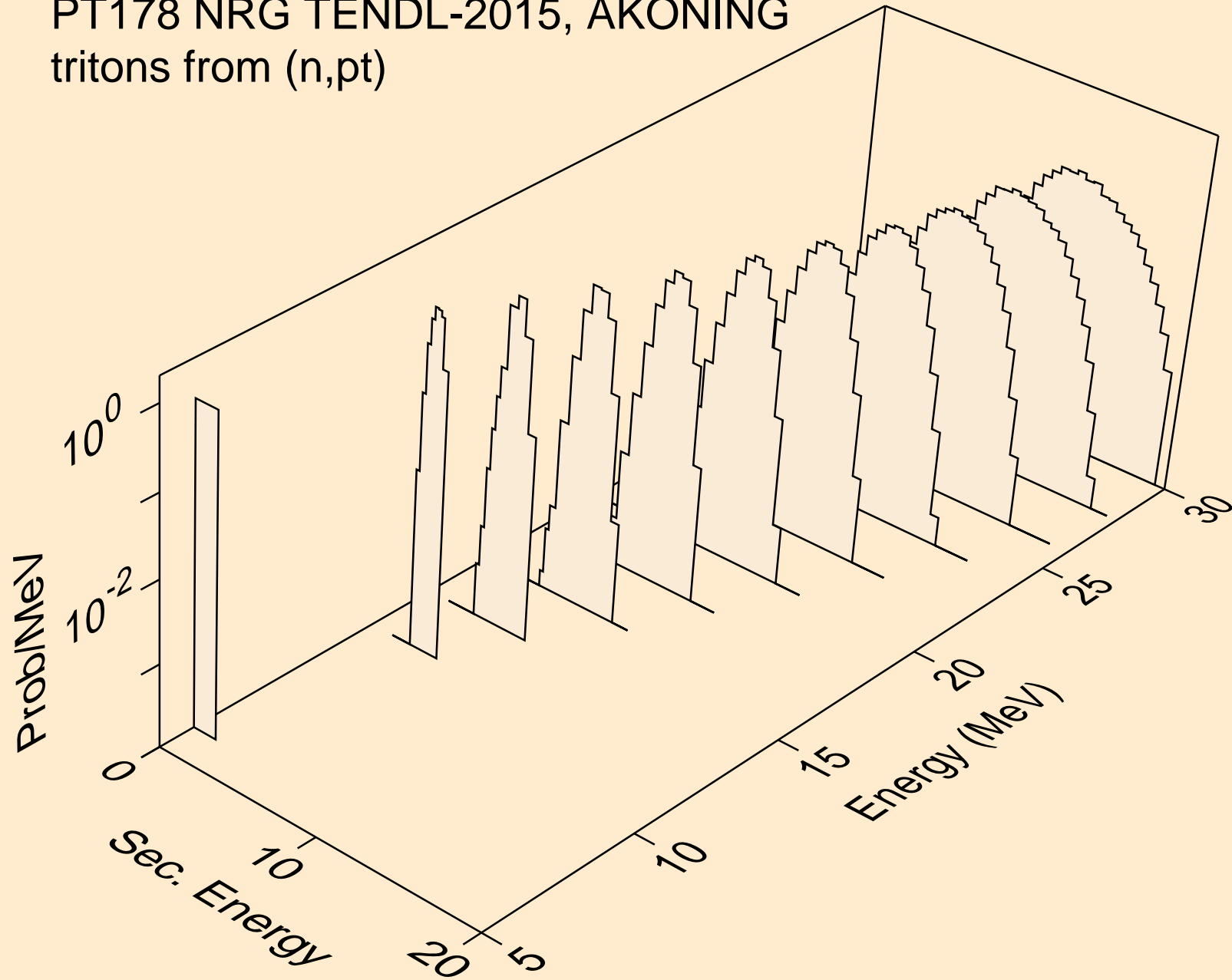
PT178 NRG TENDL-2015, AKONING  
tritons from (n,t)



PT178 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

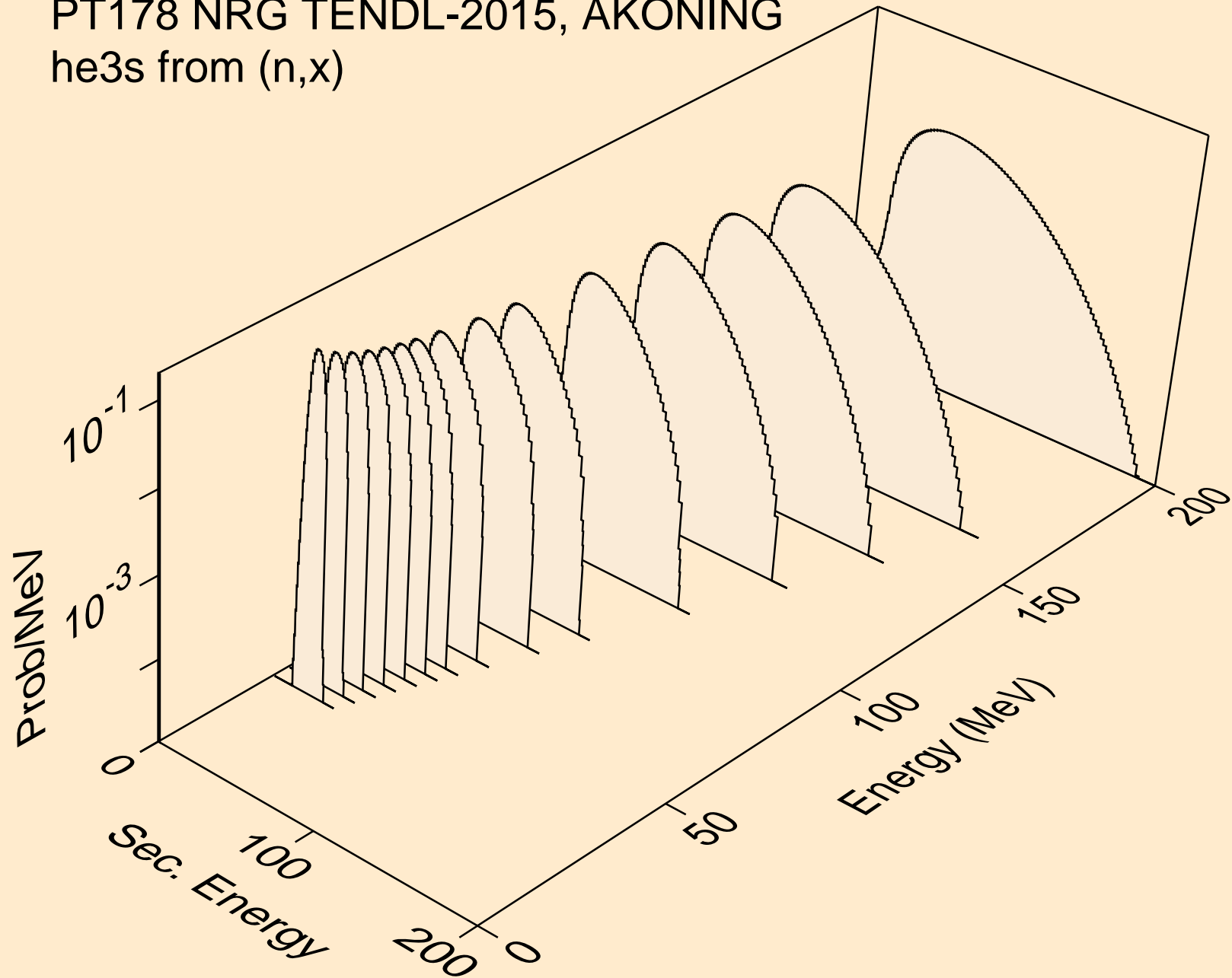


PT178 NRG TENDL-2015, AKONING  
tritons from (n,pt)

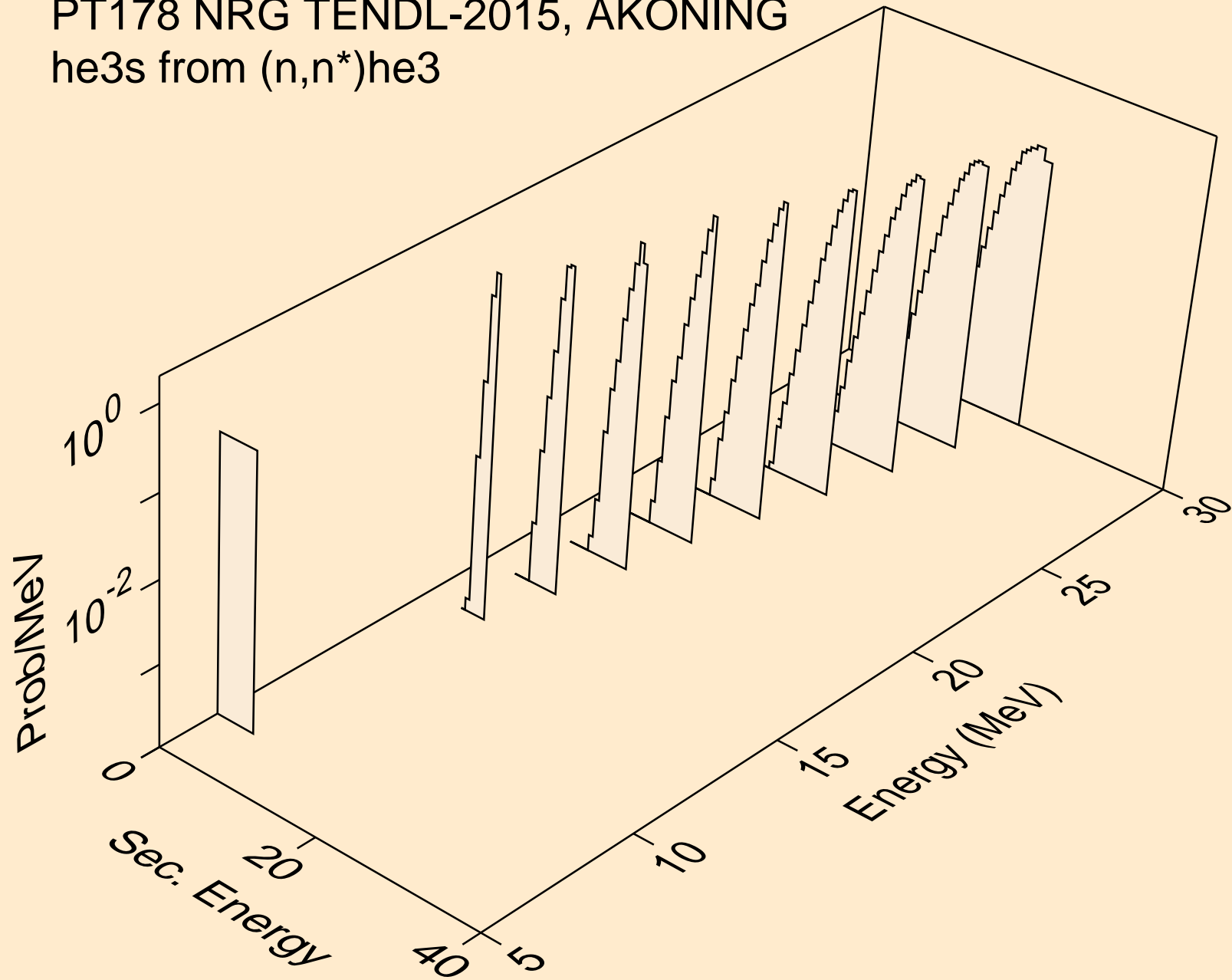




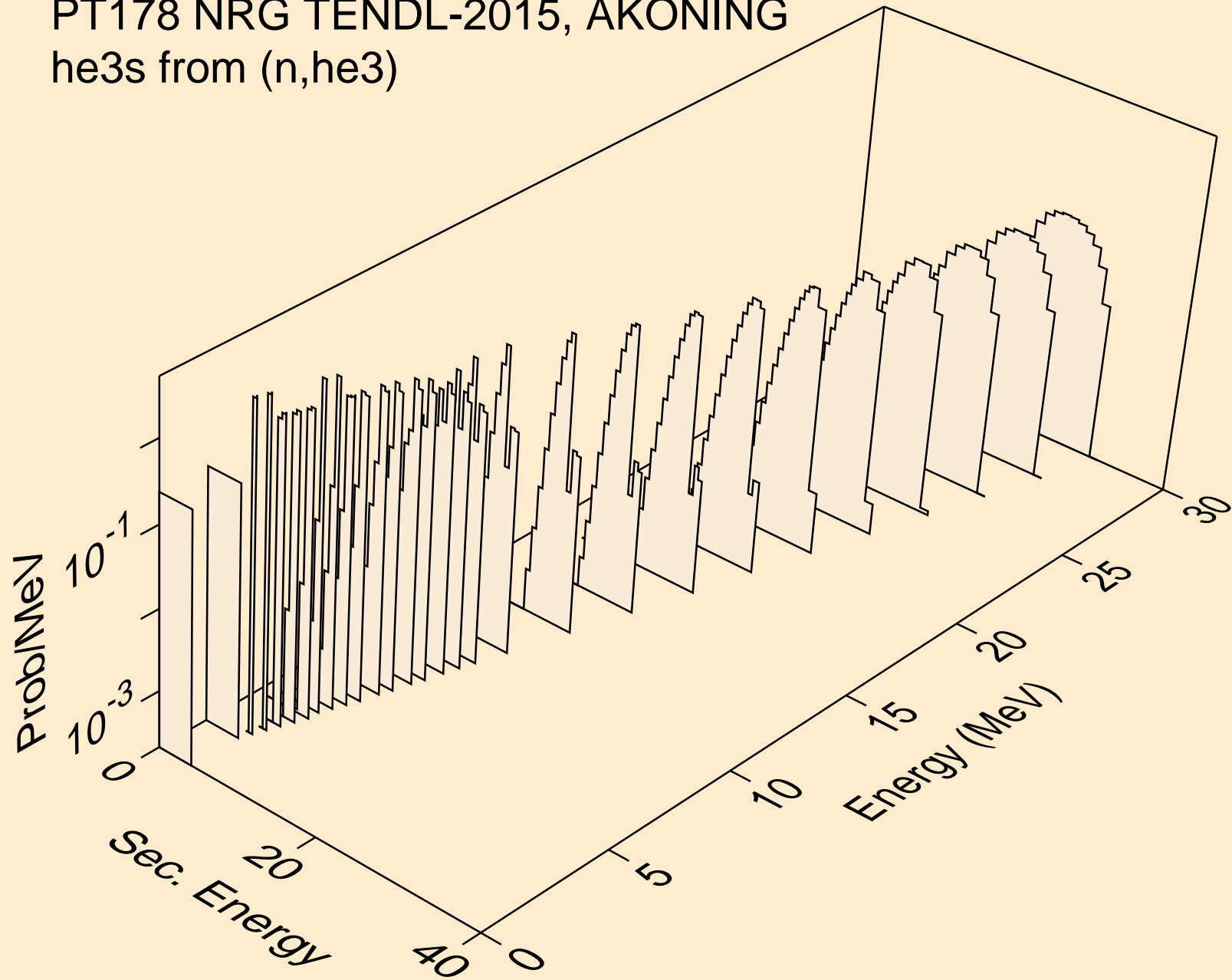
PT178 NRG TENDL-2015, AKONING  
he3s from (n,x)



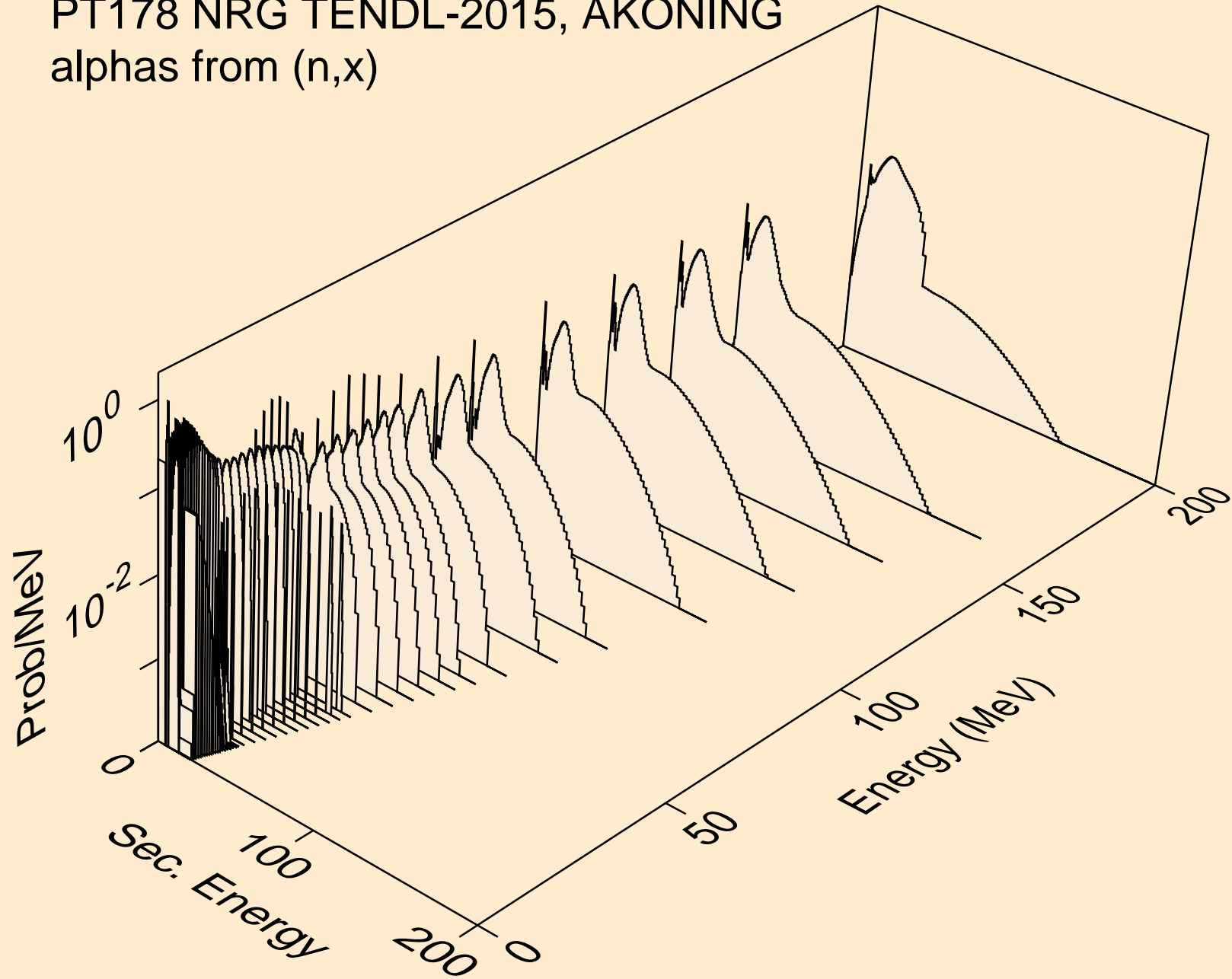
PT178 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



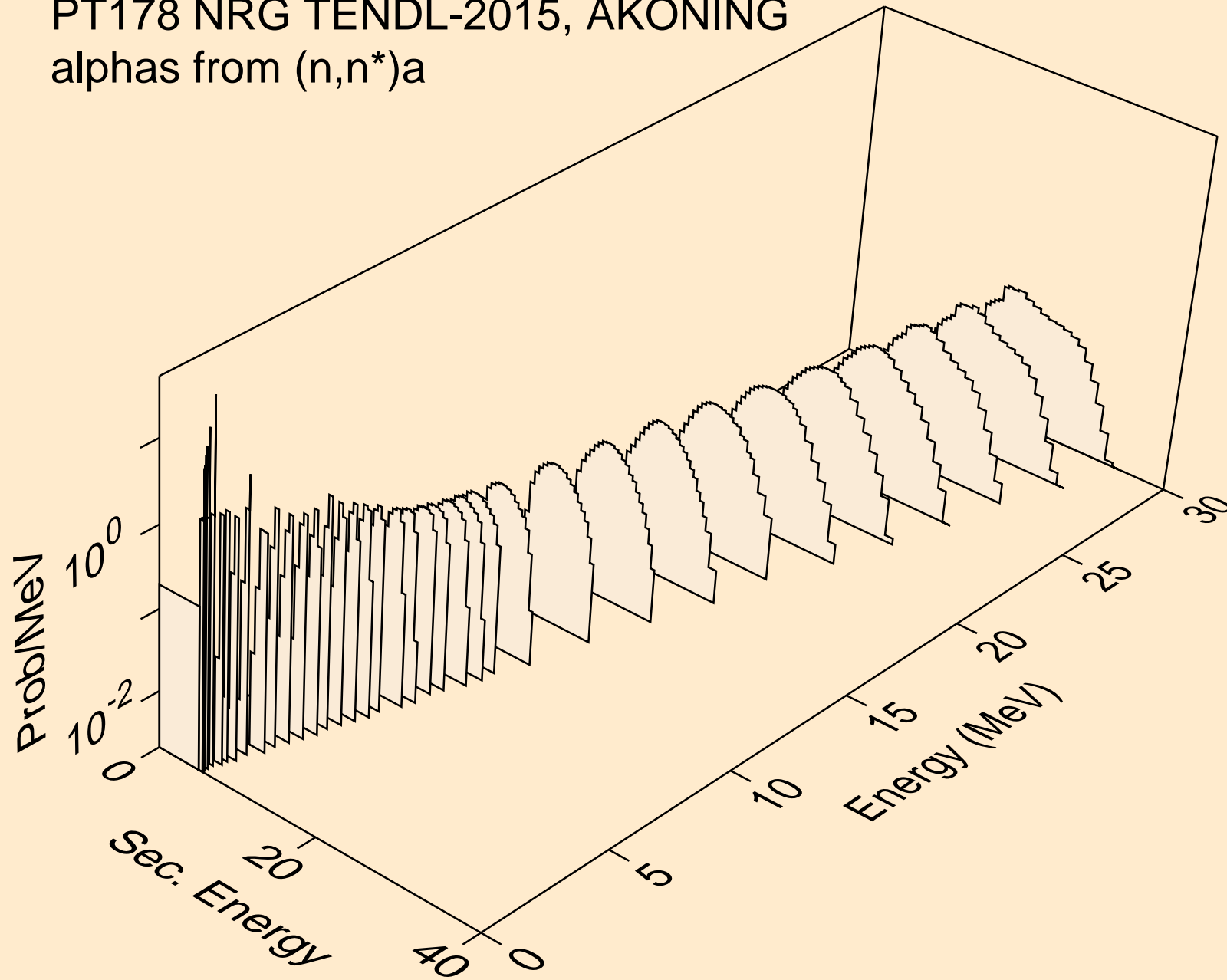
PT178 NRG TENDL-2015, AKONING  
he3s from (n,he3)



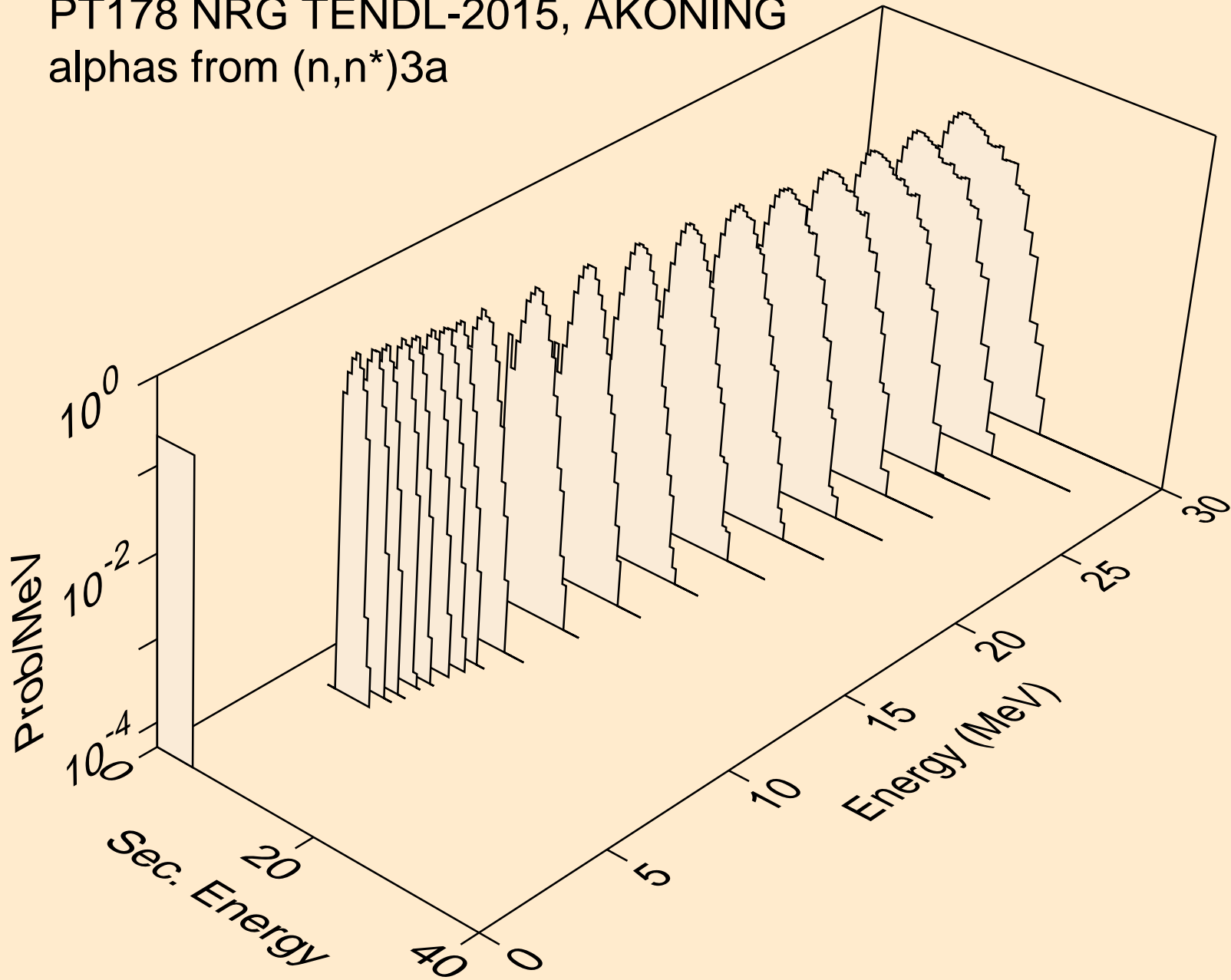
PT178 NRG TENDL-2015, AKONING  
alphas from (n,x)



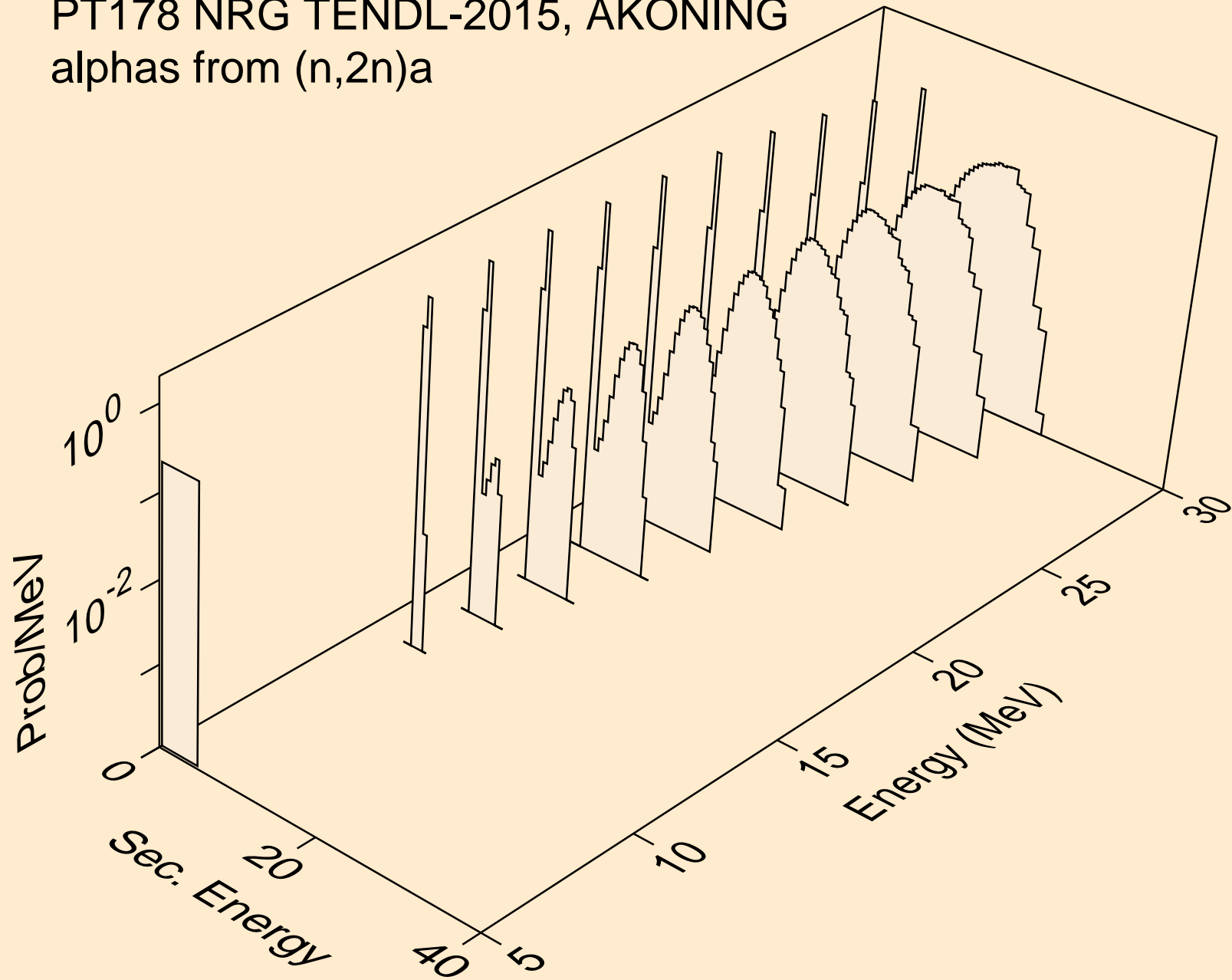
PT178 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



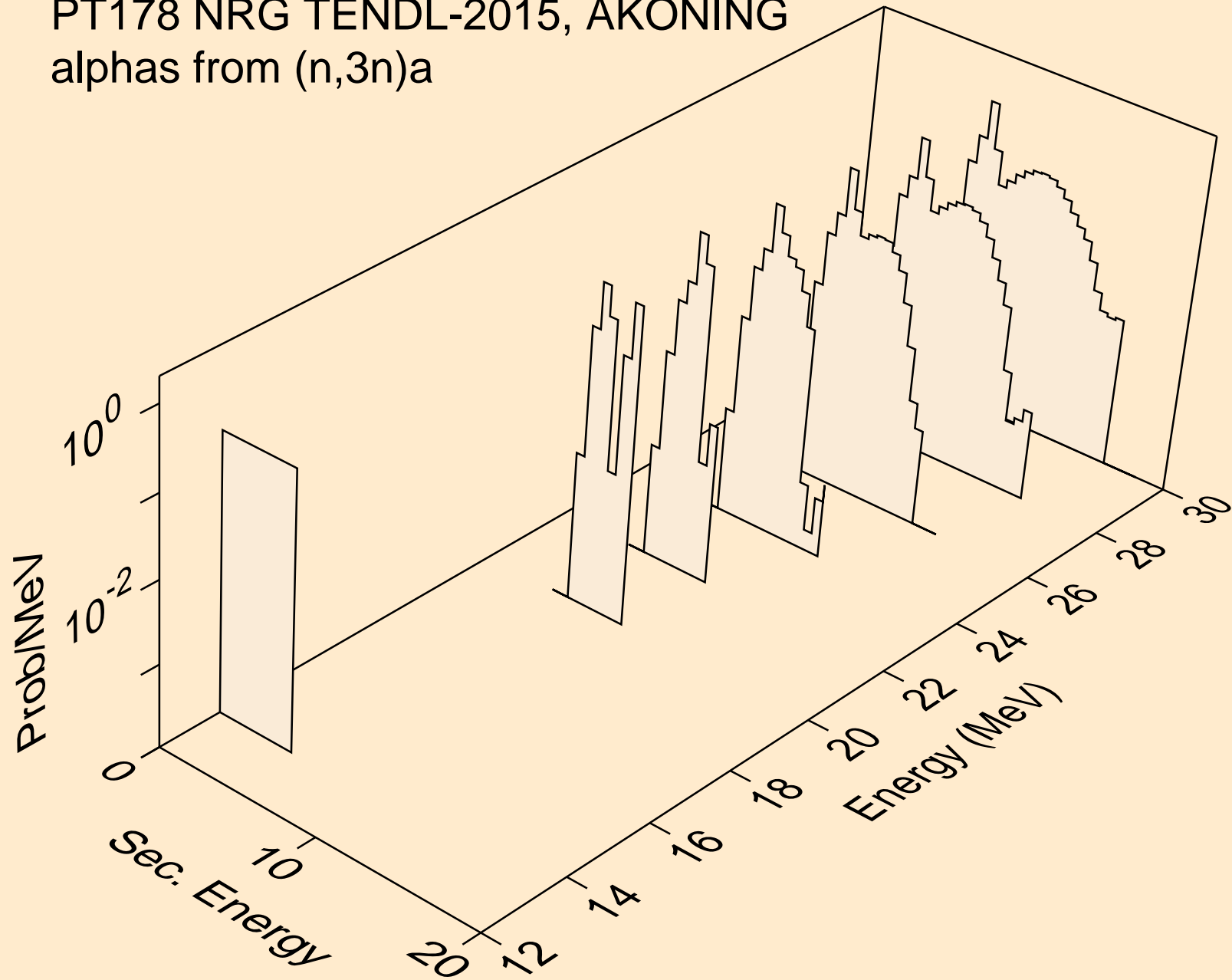
PT178 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



PT178 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

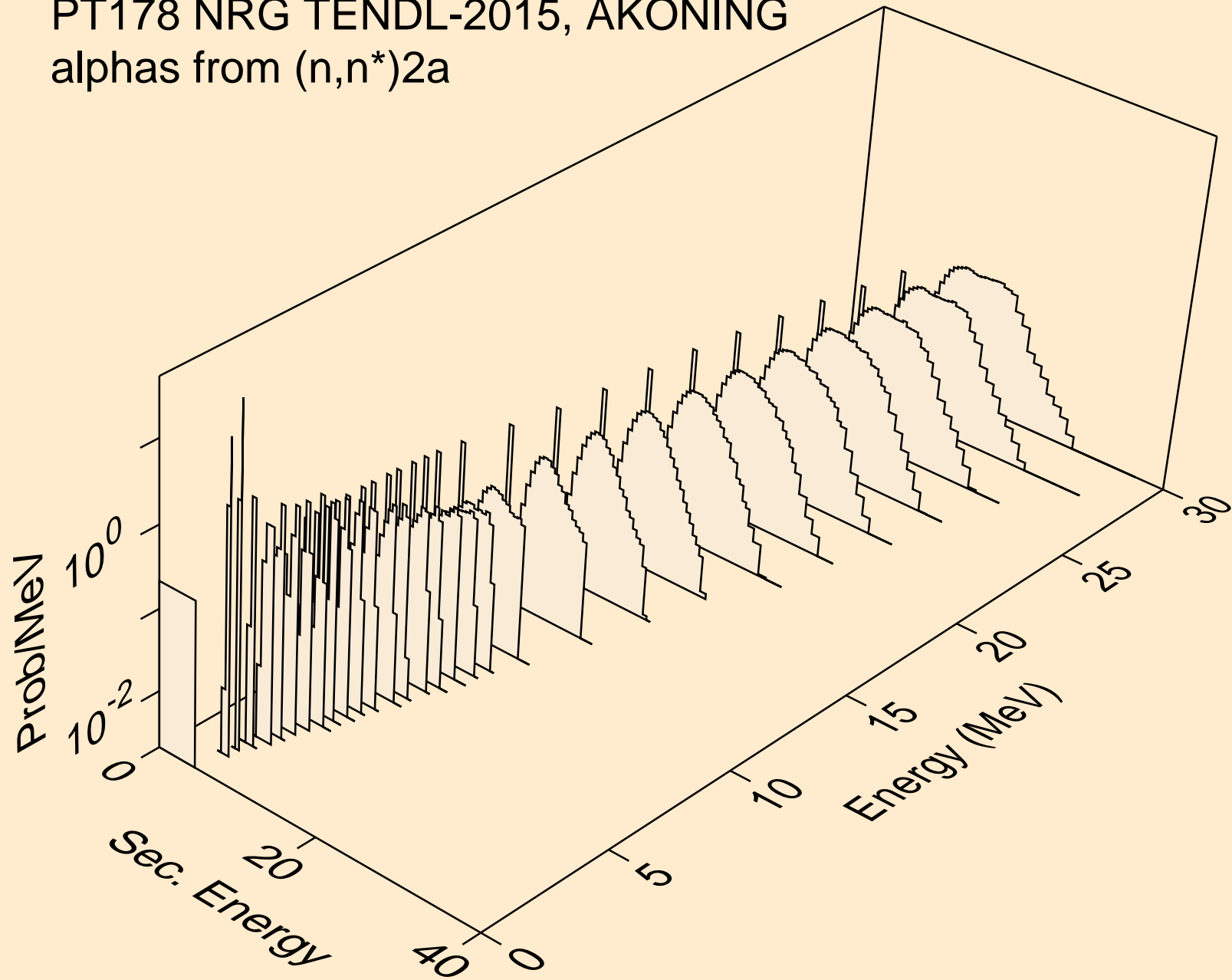


PT178 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

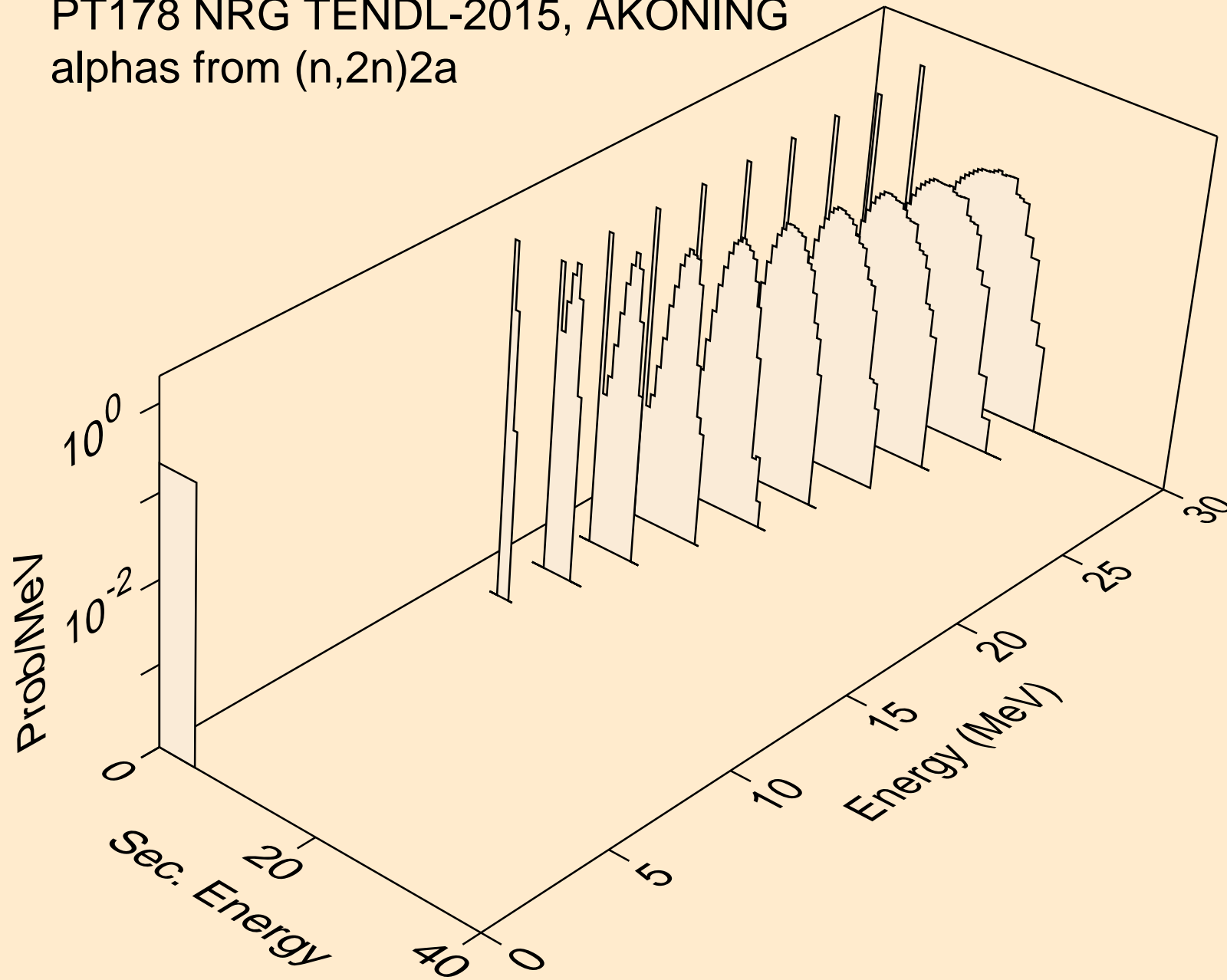




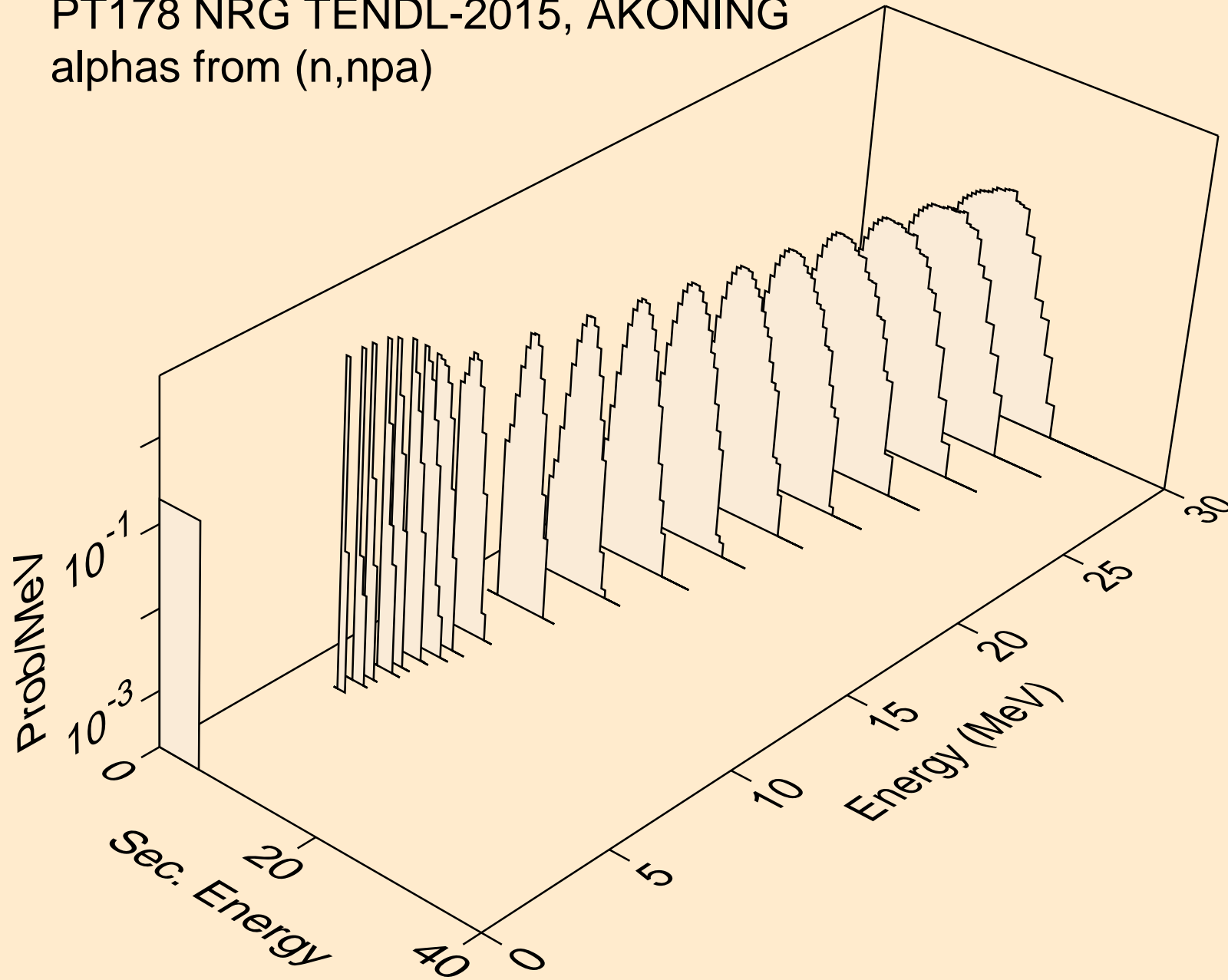
PT178 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



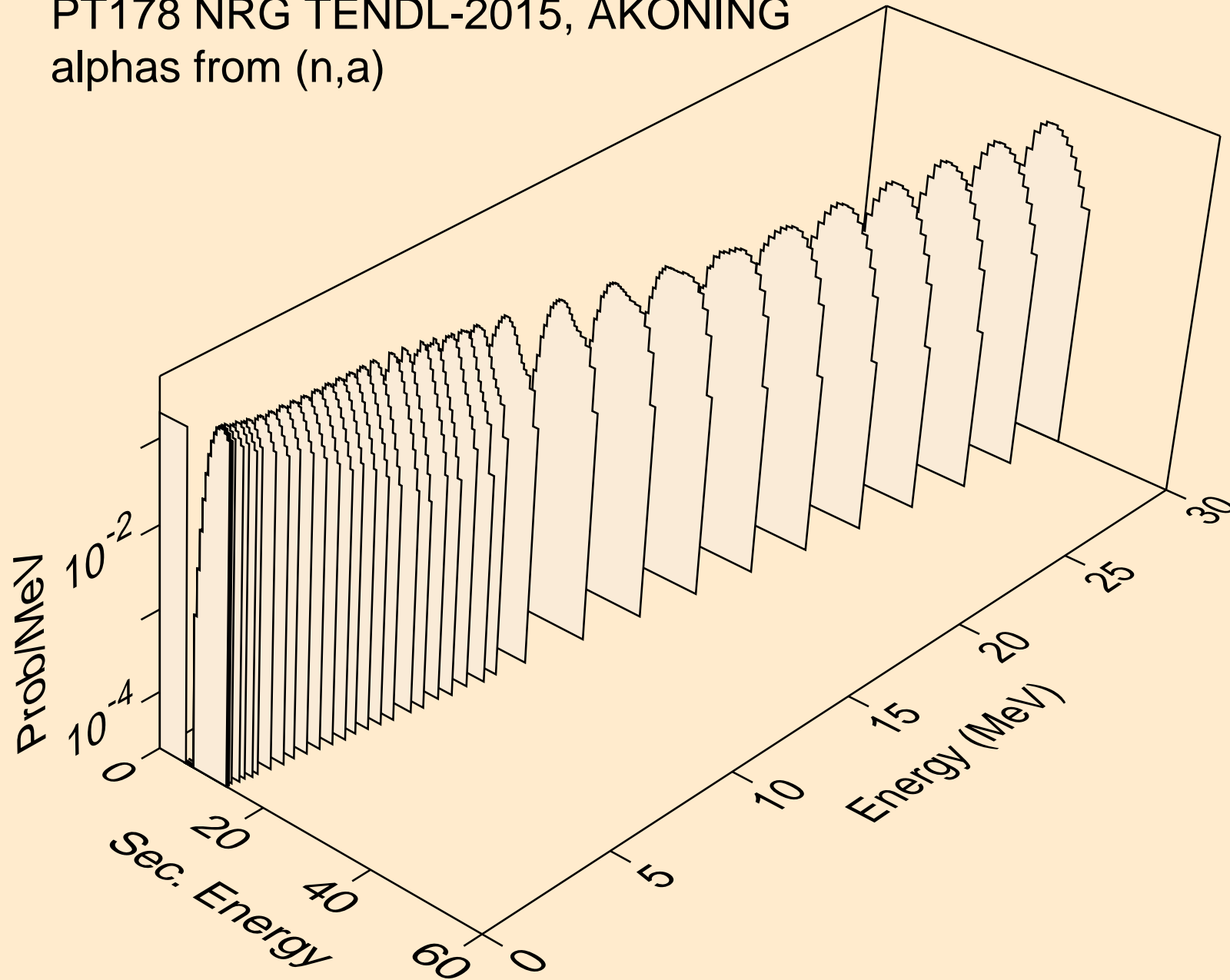
PT178 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



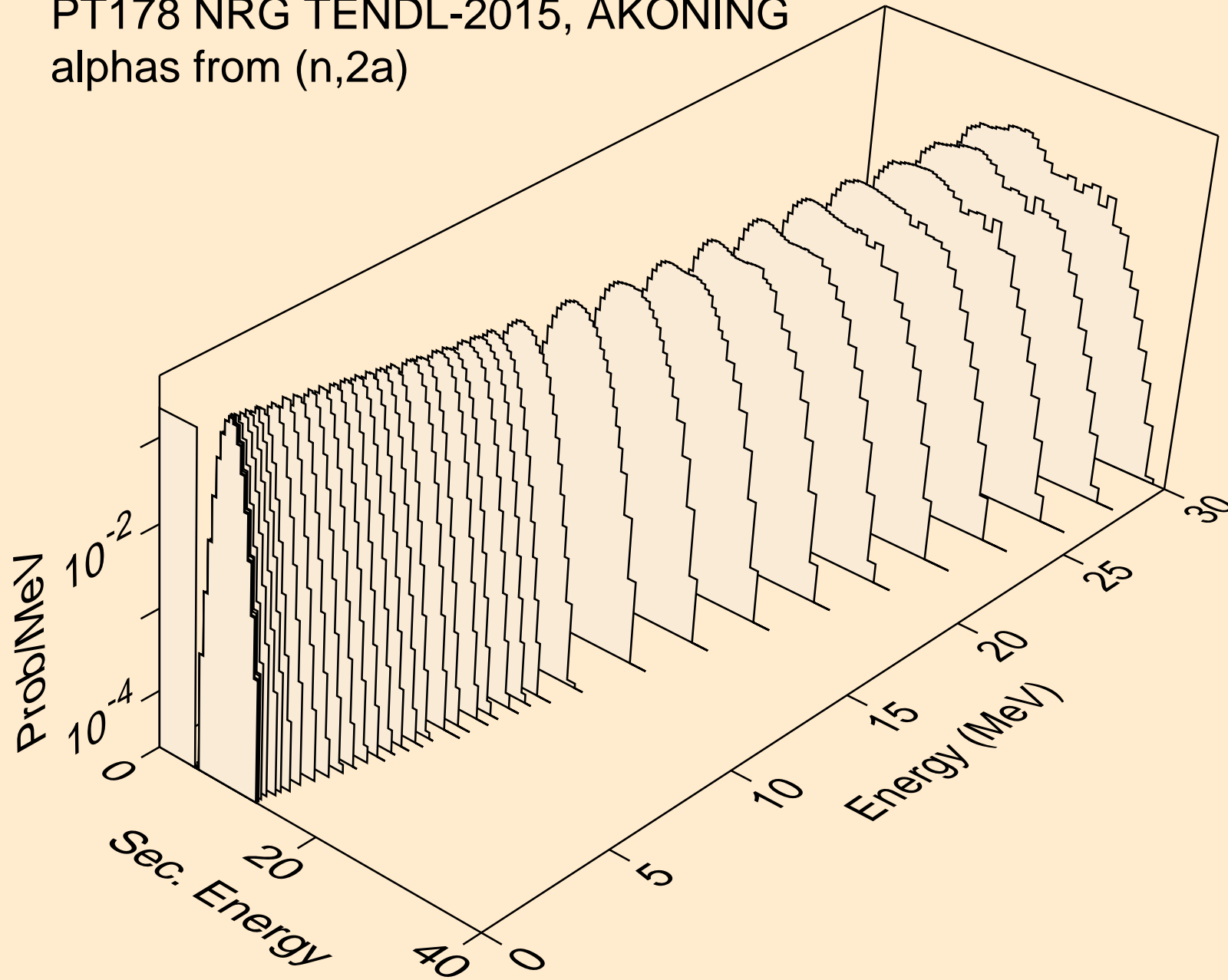
PT178 NRG TENDL-2015, AKONING  
alphas from (n,npa)



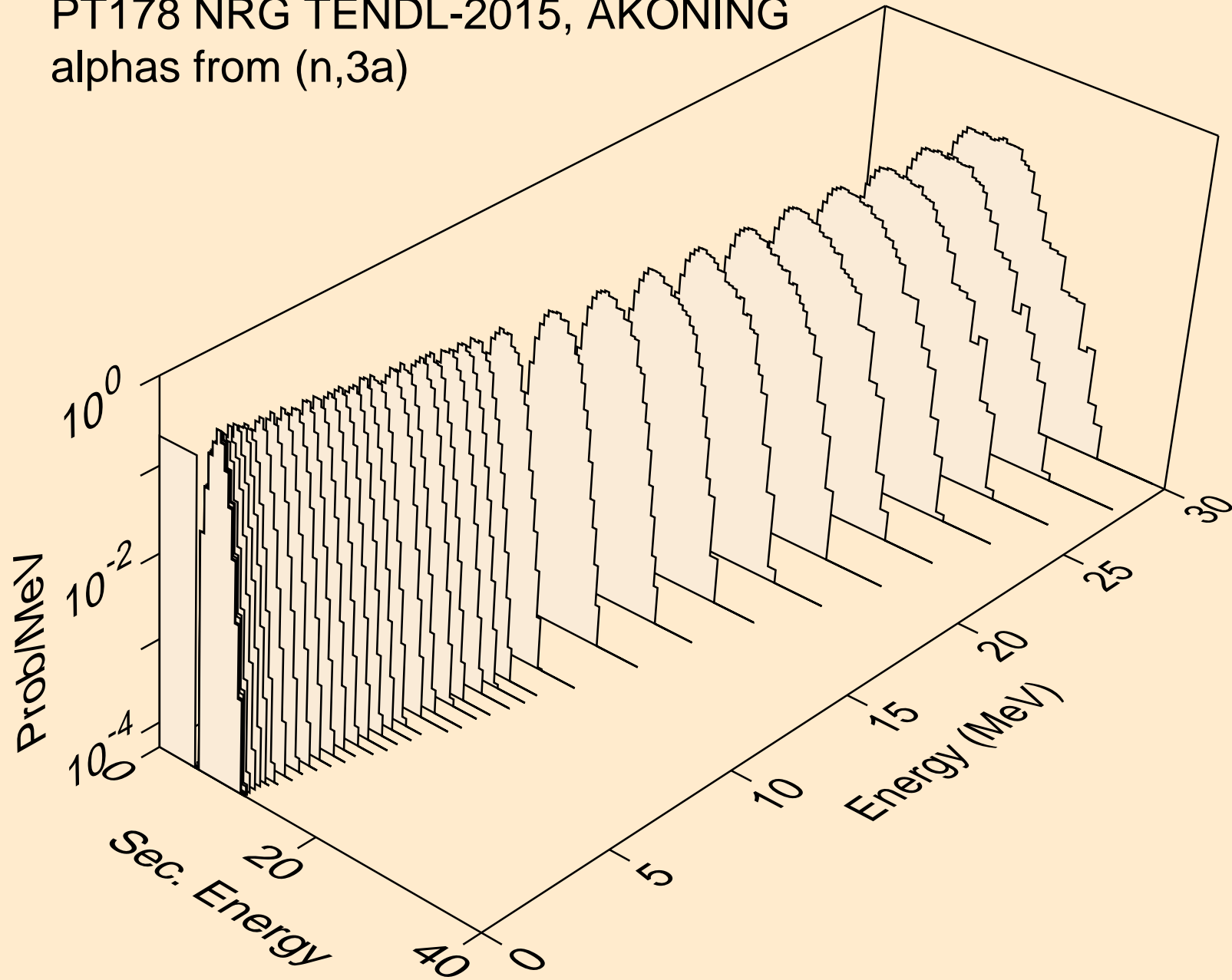
PT178 NRG TENDL-2015, AKONING  
alphas from (n,a)



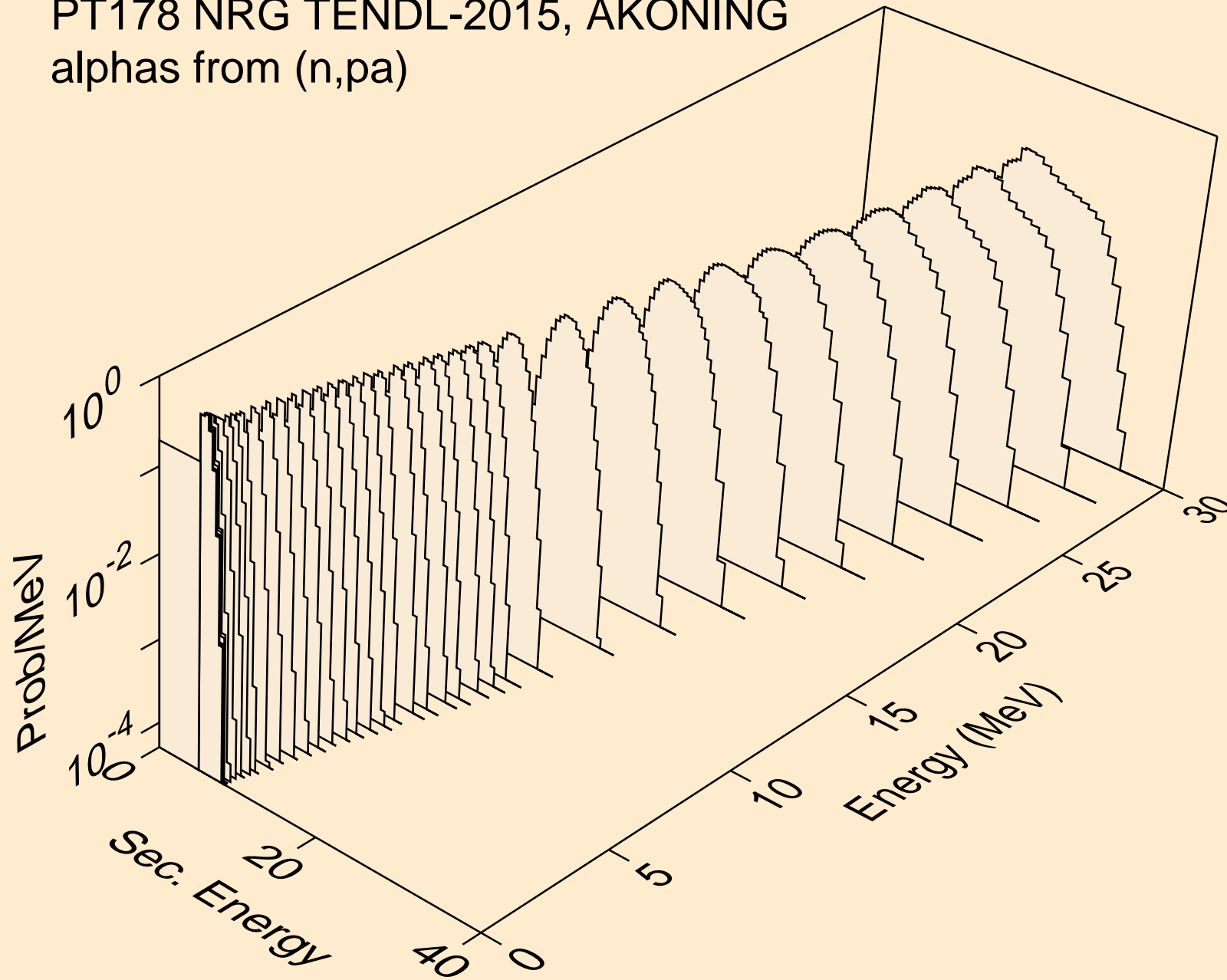
PT178 NRG TENDL-2015, AKONING  
alphas from (n,2a)



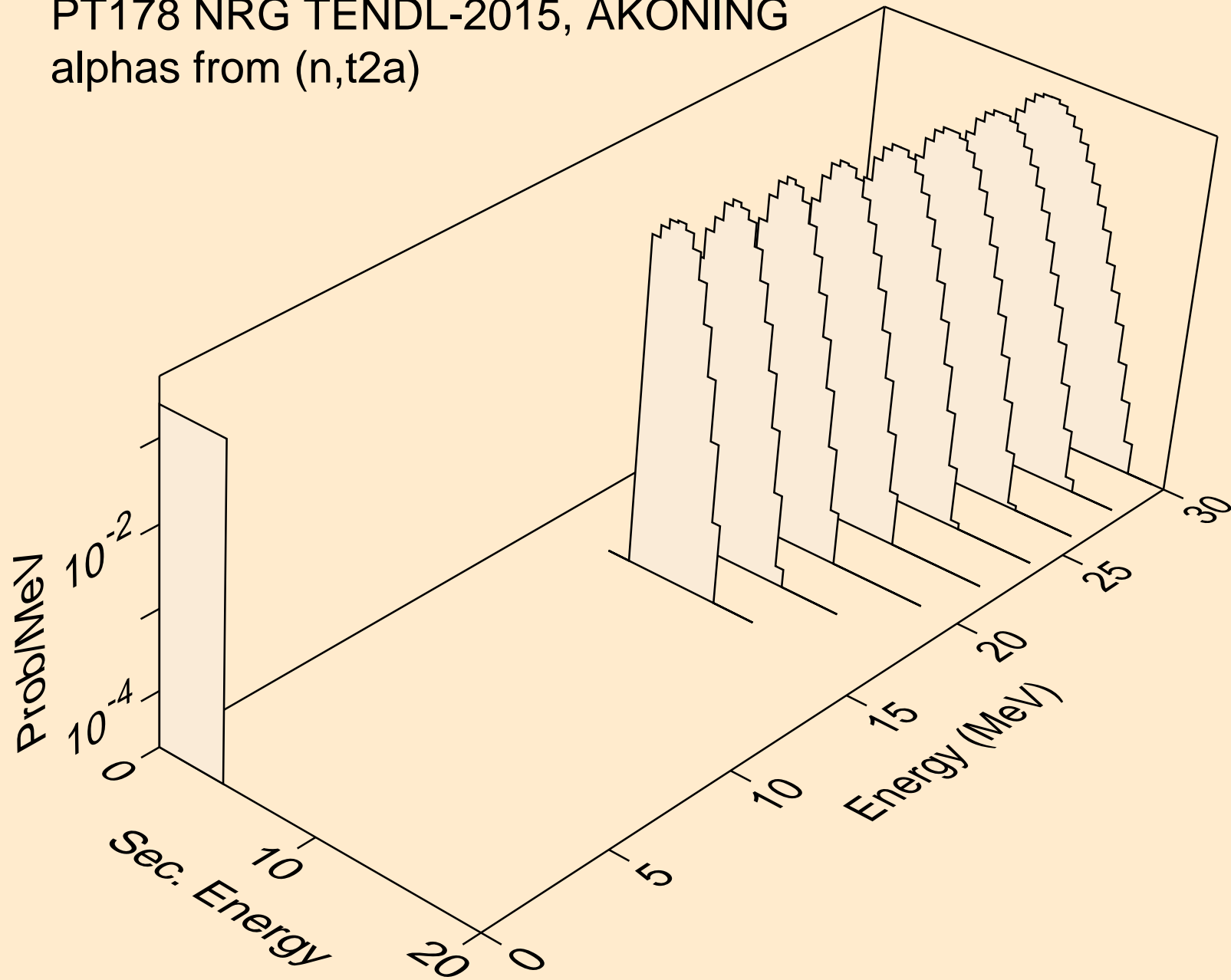
PT178 NRG TENDL-2015, AKONING  
alphas from (n,3a)



PT178 NRG TENDL-2015, AKONING  
alphas from (n,pa)

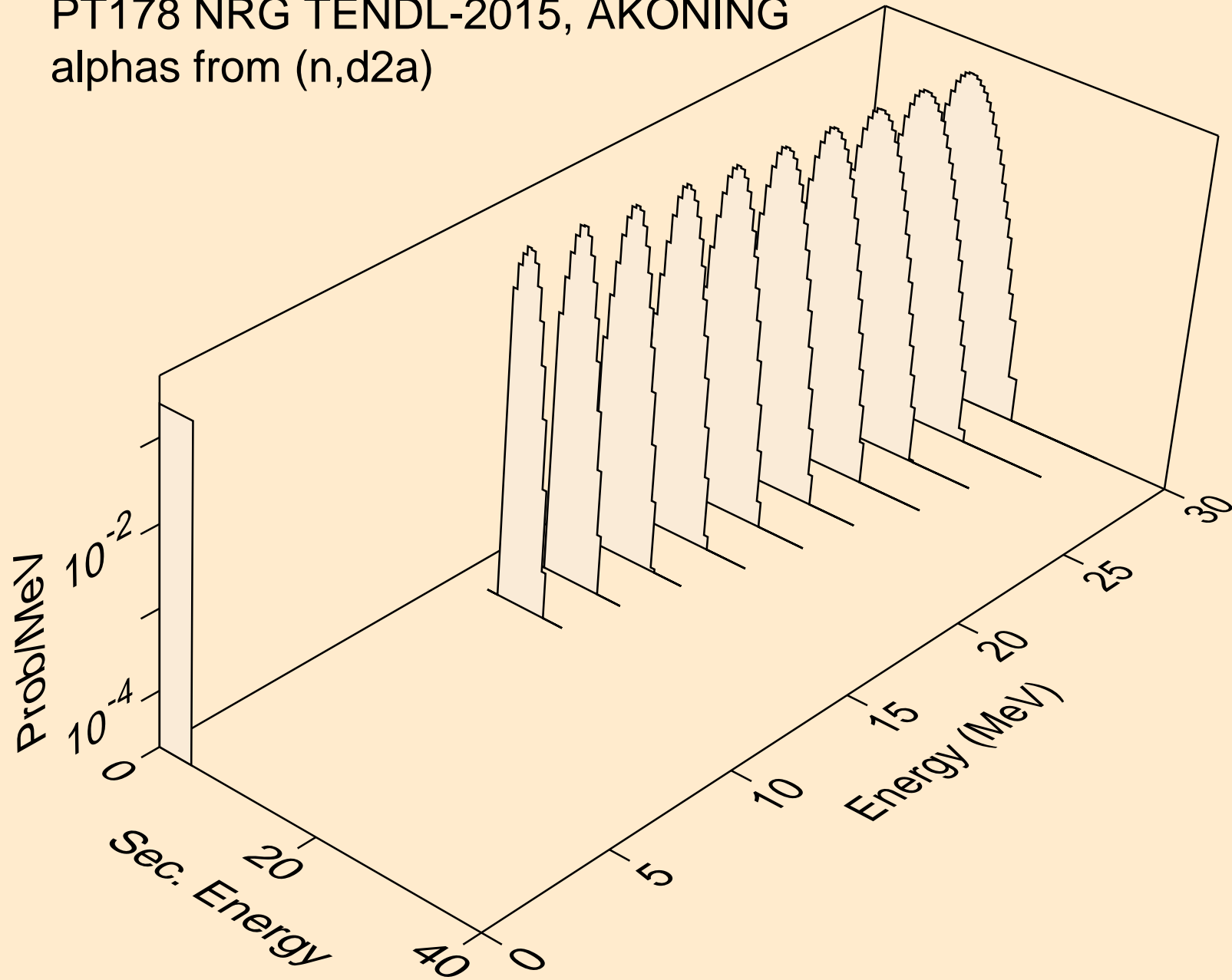


PT178 NRG TENDL-2015, AKONING  
alphas from (n,t2a)





PT178 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



PT178 NRG TENDL-2015, AKONING  
alphas from (n,da)

