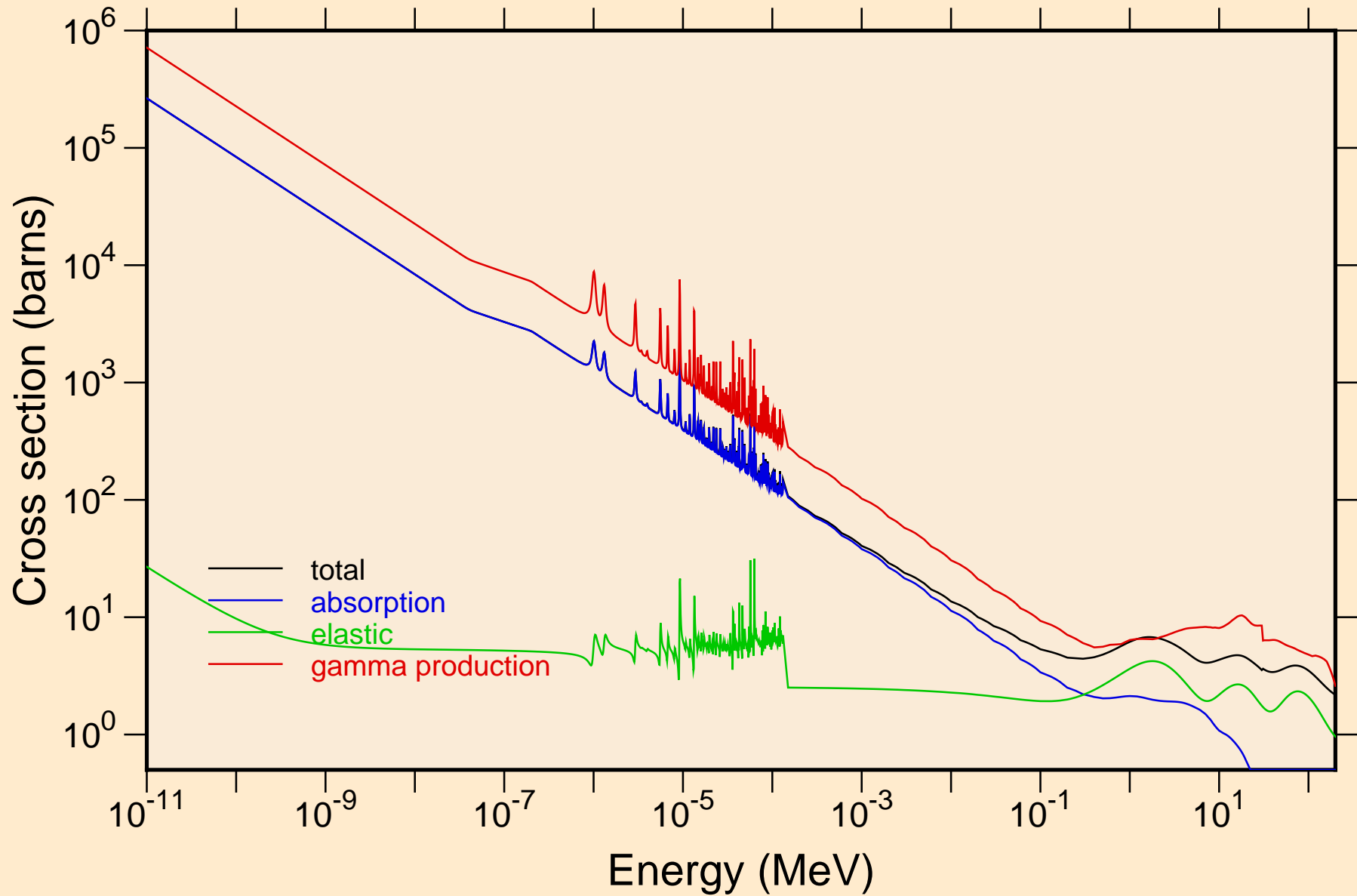
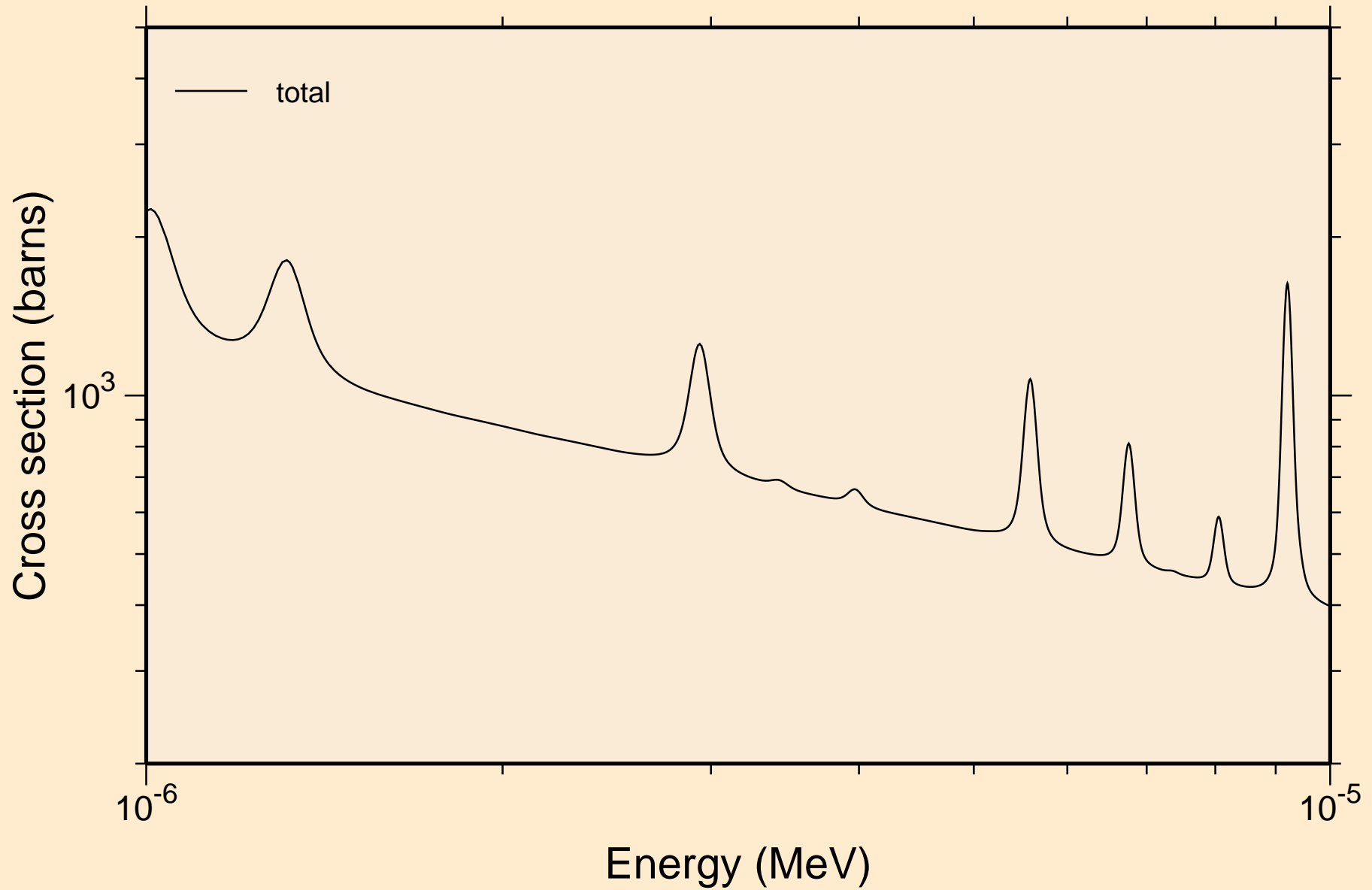


# PM133 NRG TENDL-2015, AKONING

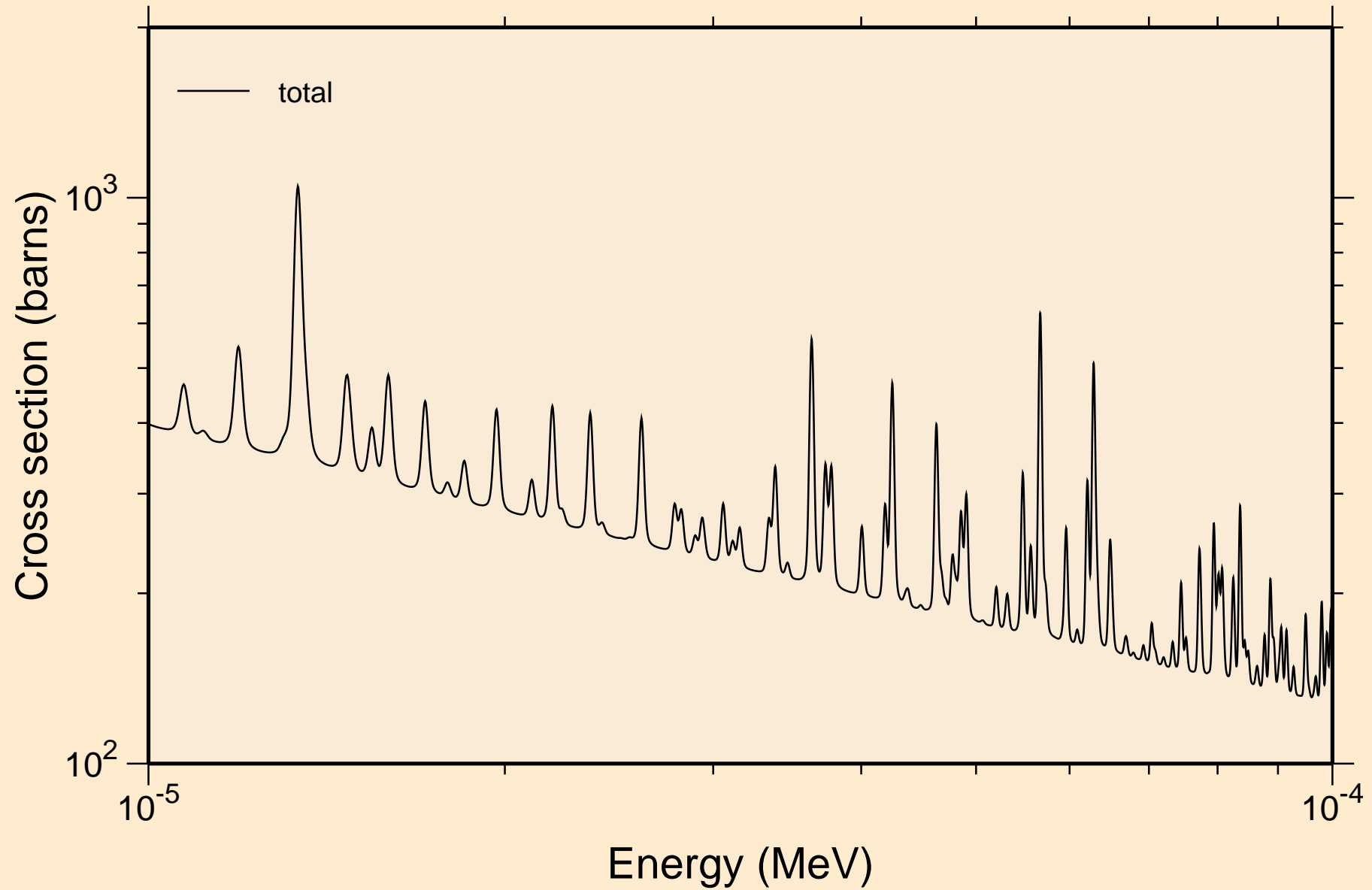
## Principal cross sections



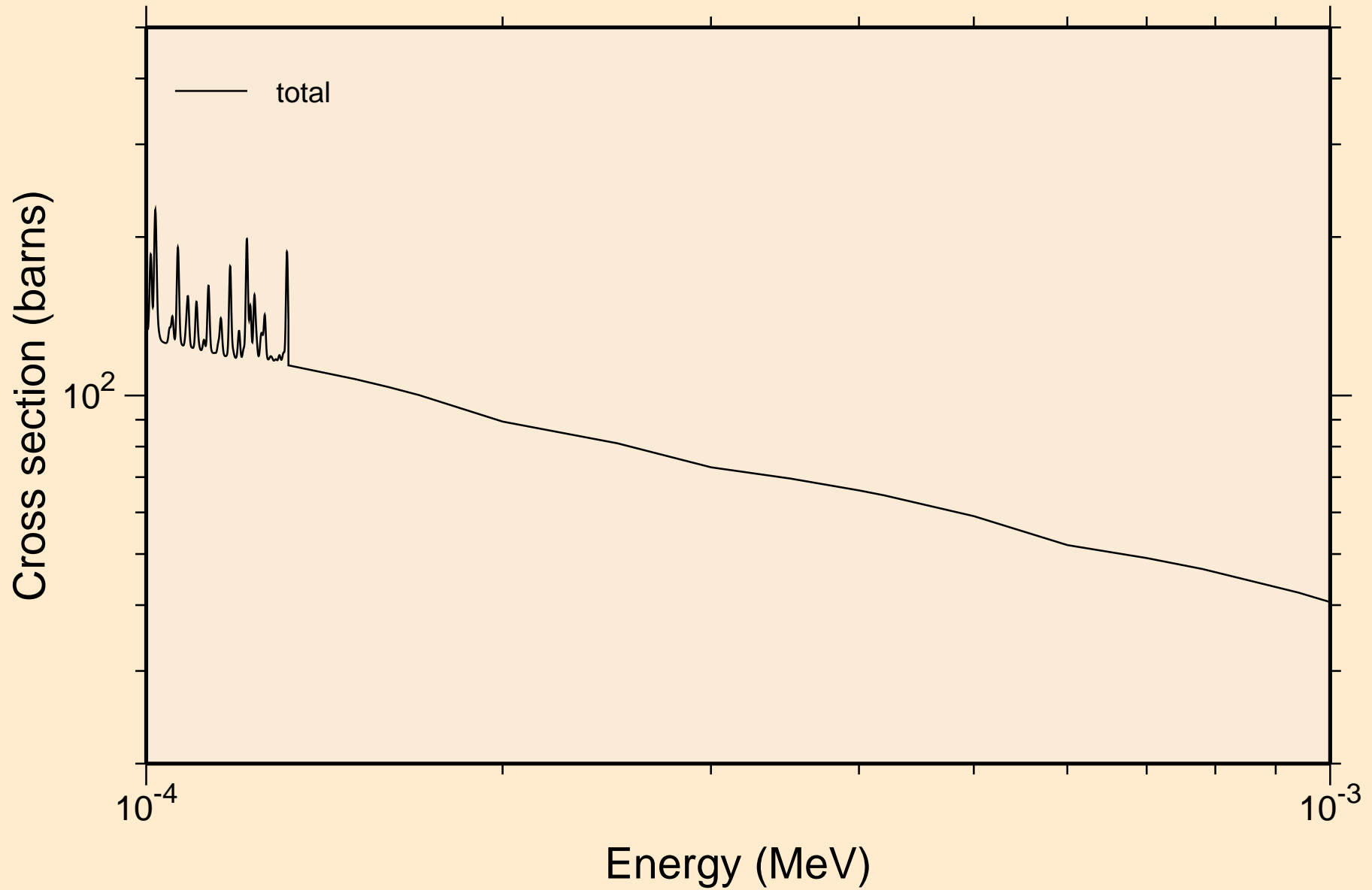
PM133 NRG TENDL-2015, AKONING  
resonance total cross section



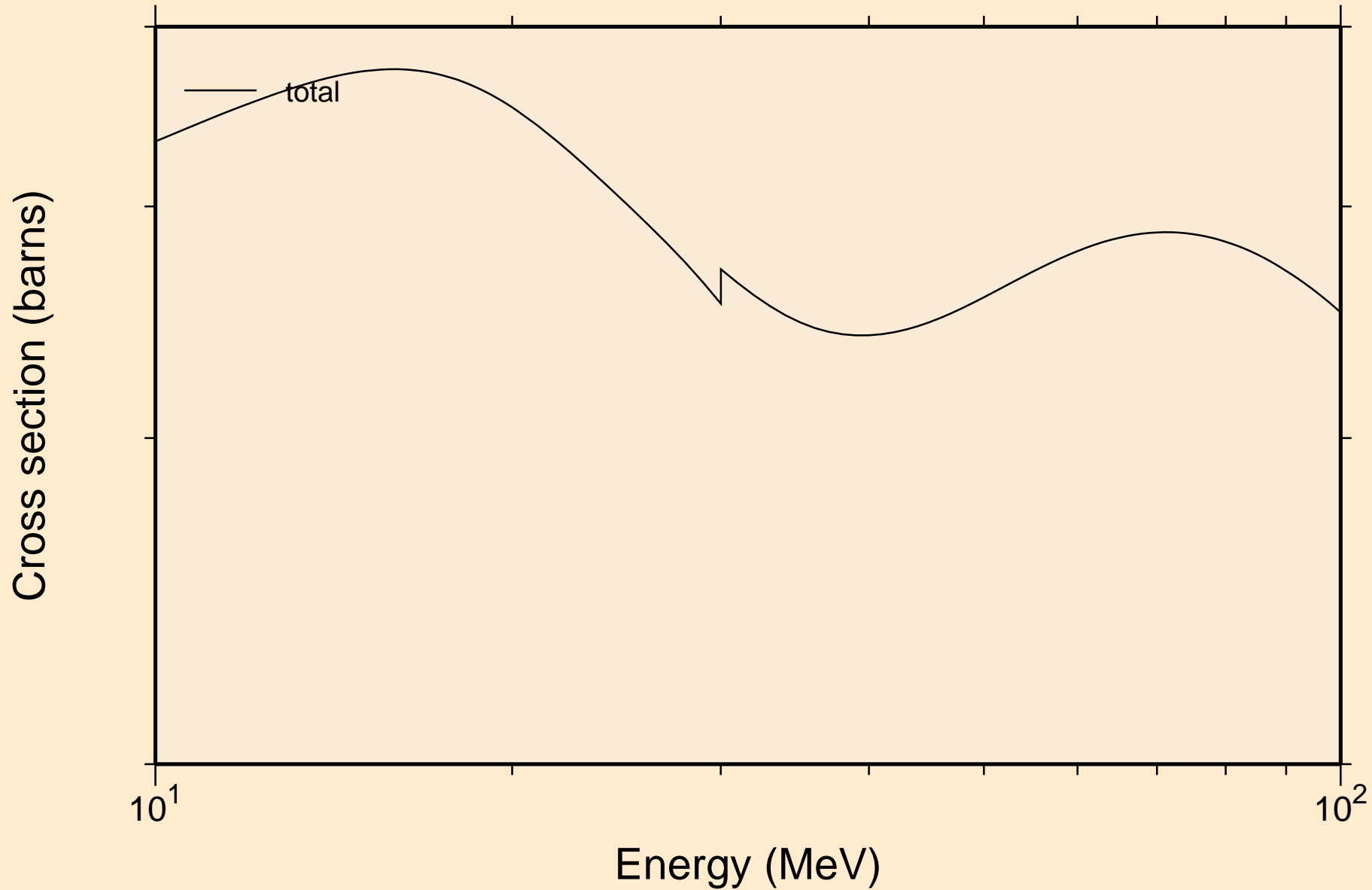
PM133 NRG TENDL-2015, AKONING  
resonance total cross section



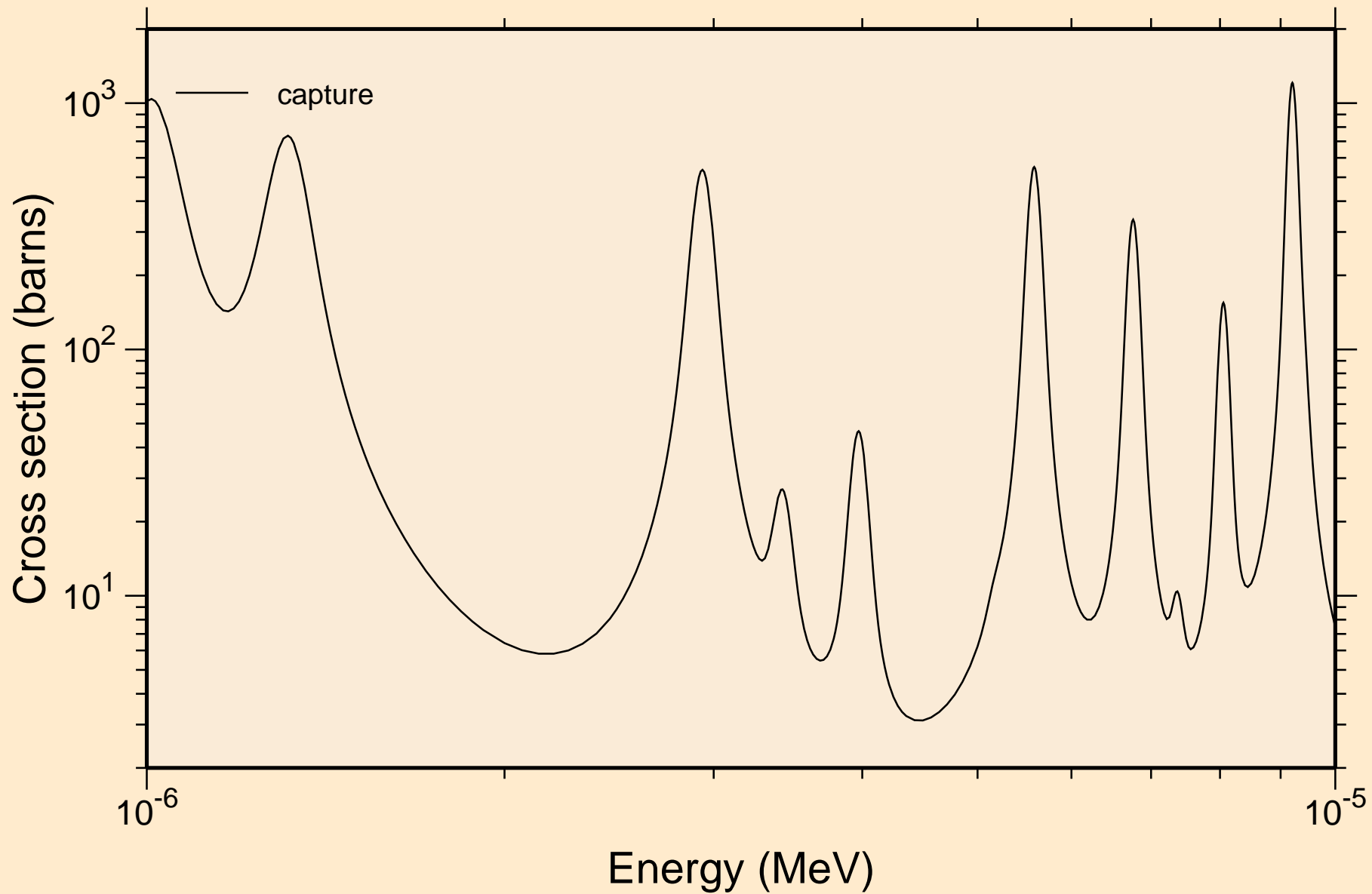
PM133 NRG TENDL-2015, AKONING  
resonance total cross section



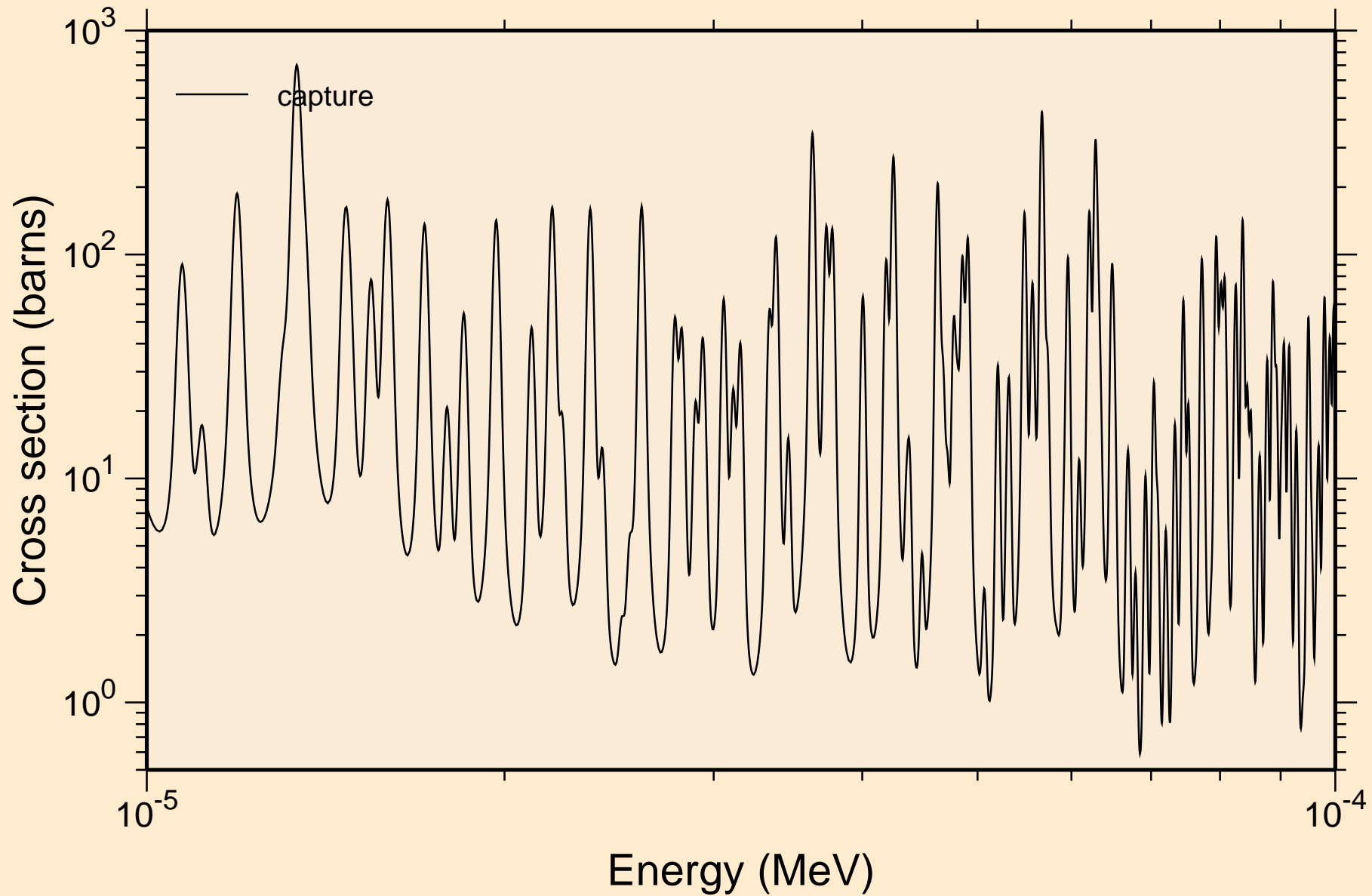
Pm133 NRG TENDL-2015, AKONING  
resonance total cross section



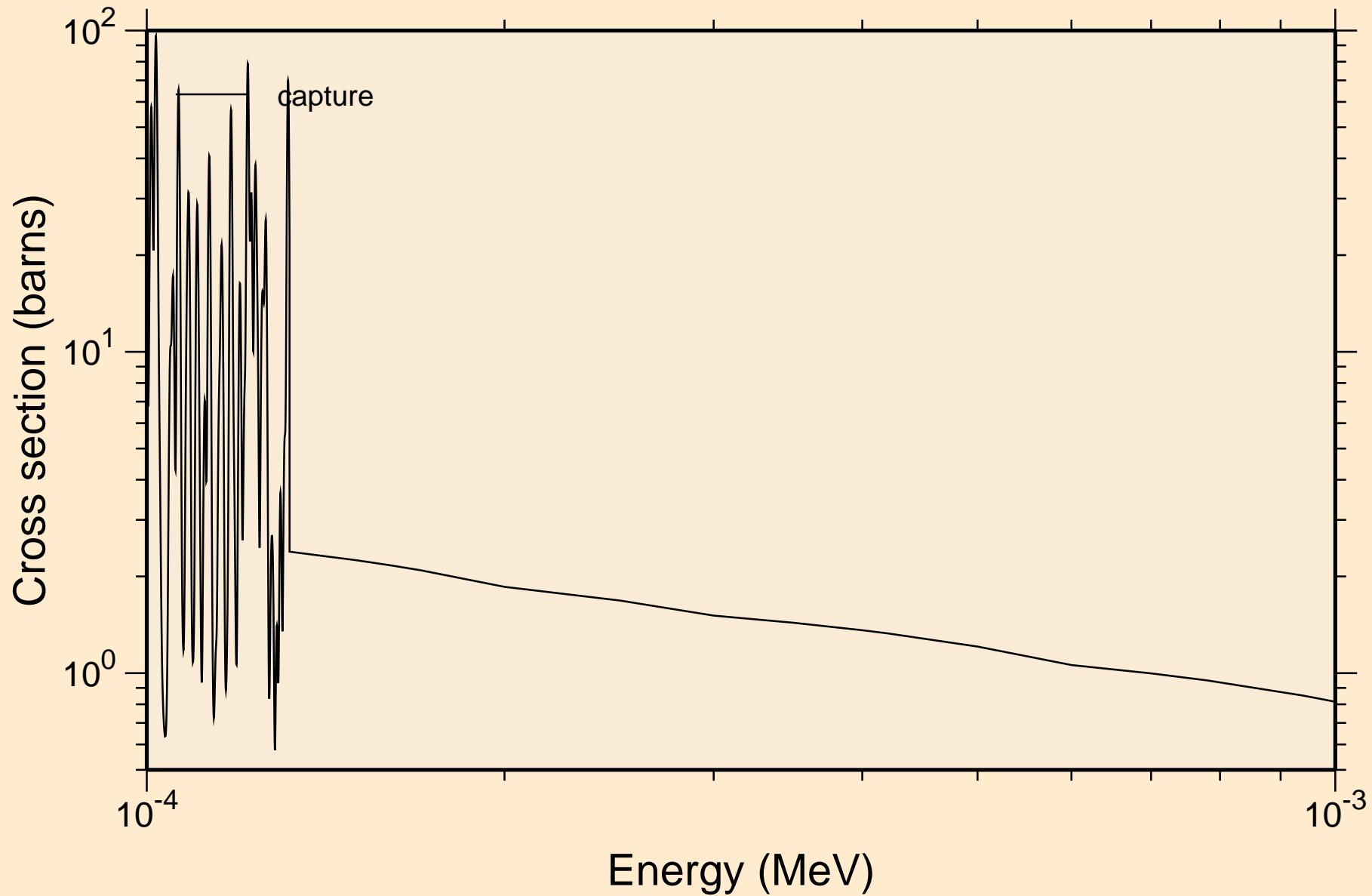
PM133 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PM133 NRG TENDL-2015, AKONING  
resonance absorption cross sections

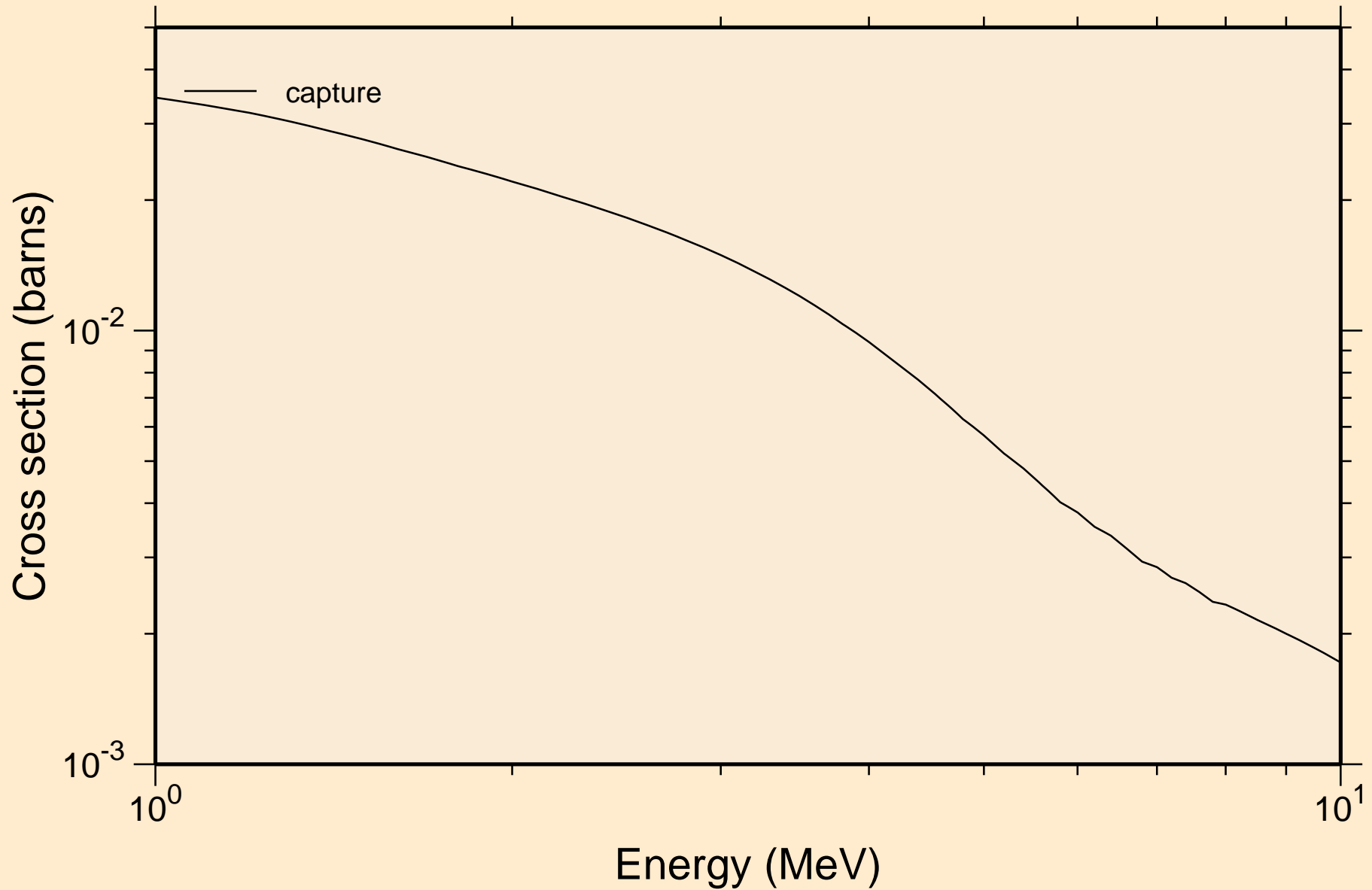


PM133 NRG TENDL-2015, AKONING  
resonance absorption cross sections



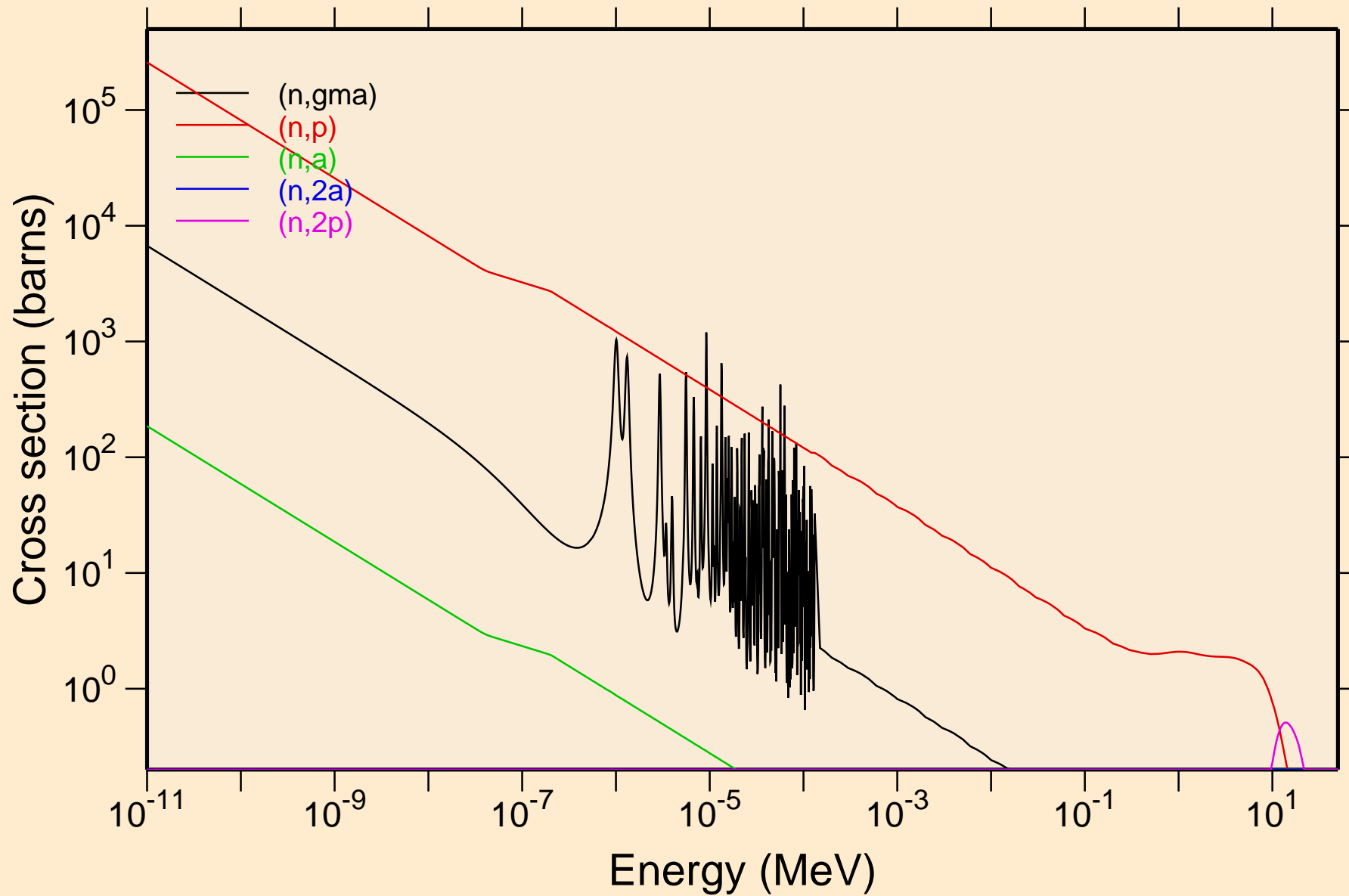


PM133 NRG TENDL-2015, AKONING  
resonance absorption cross sections

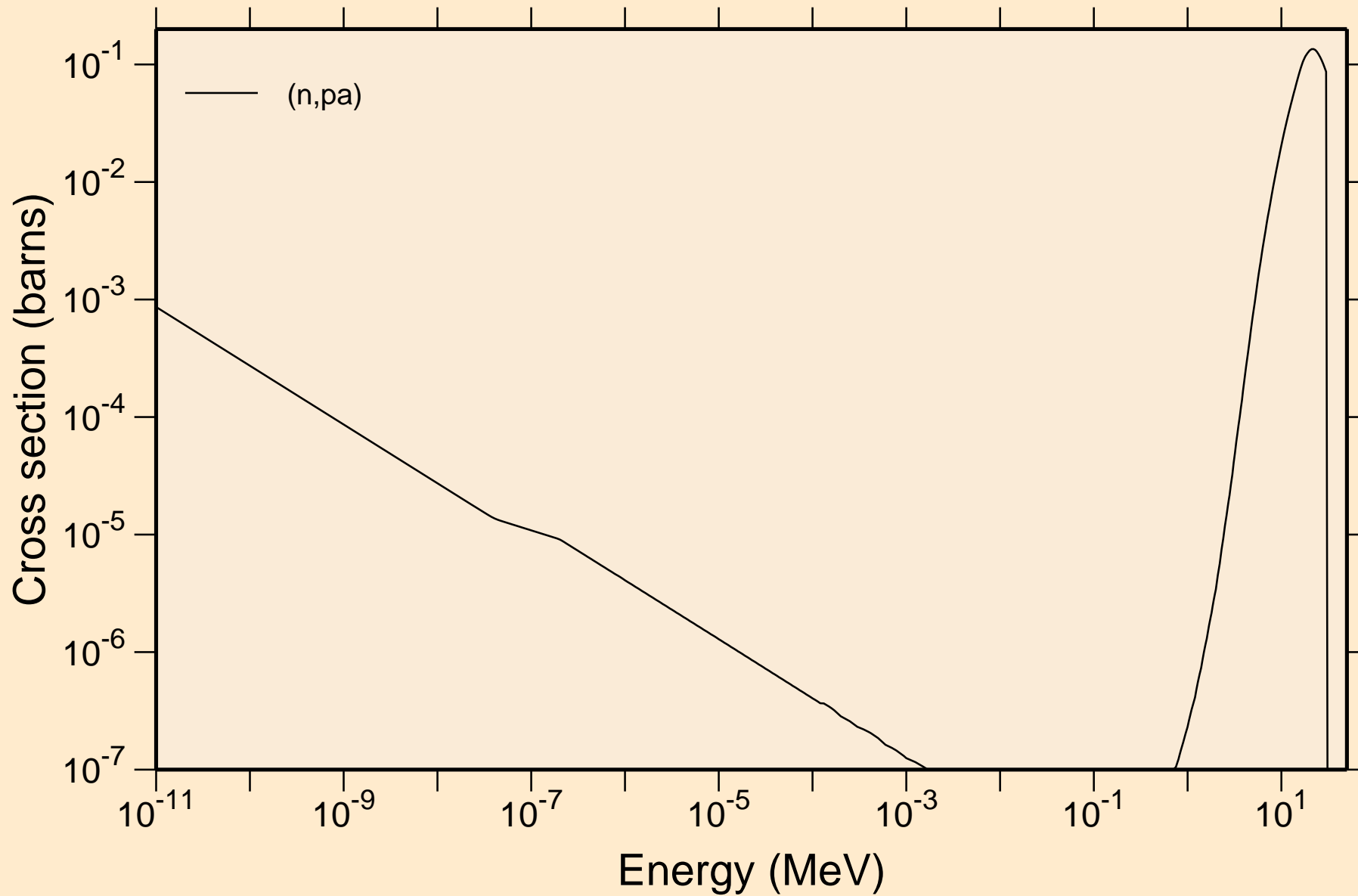


# PM133 NRG TENDL-2015, AKONING

## Non-threshold reactions

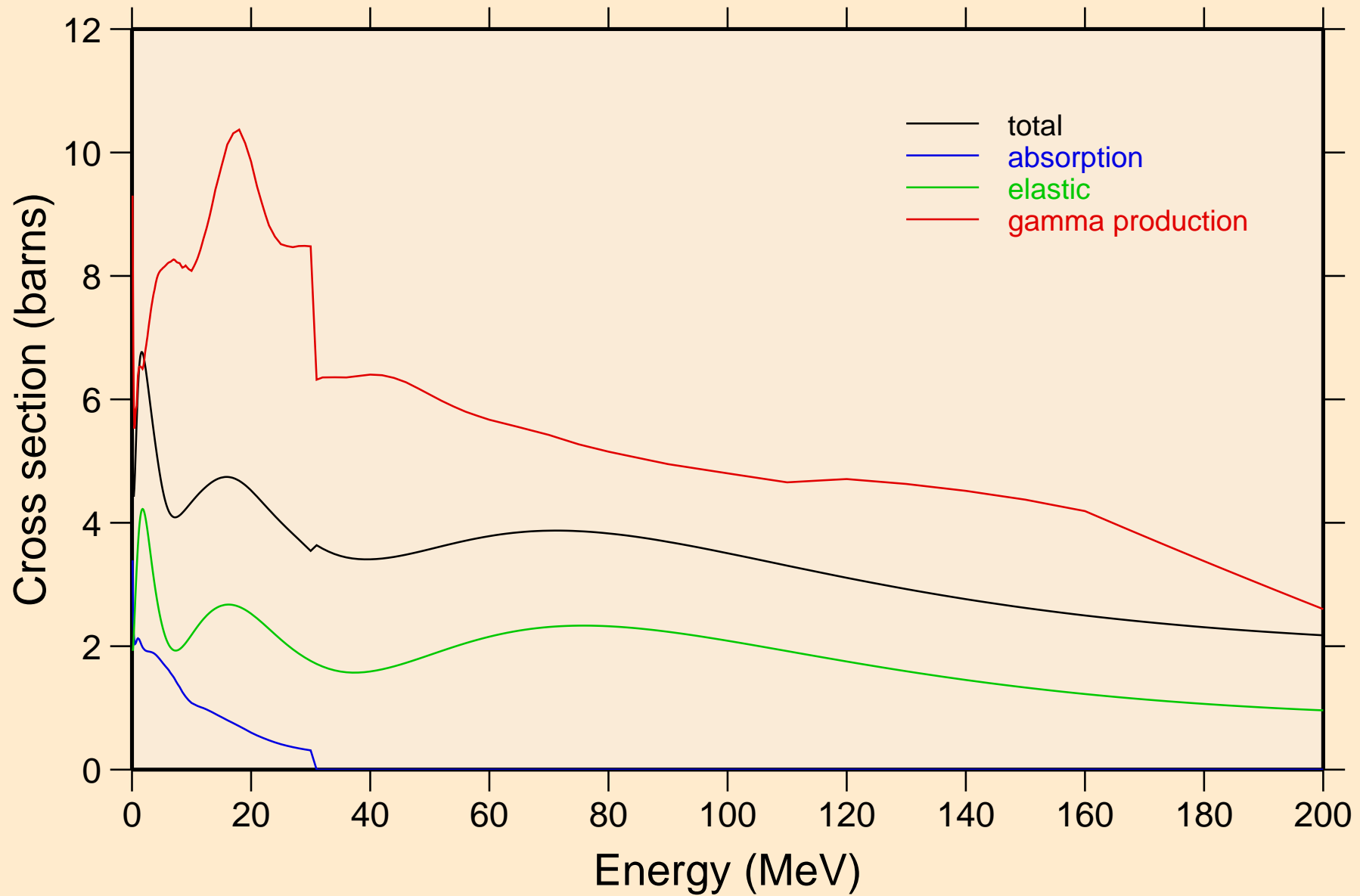


PM133 NRG TENDL-2015, AKONING  
Non-threshold reactions



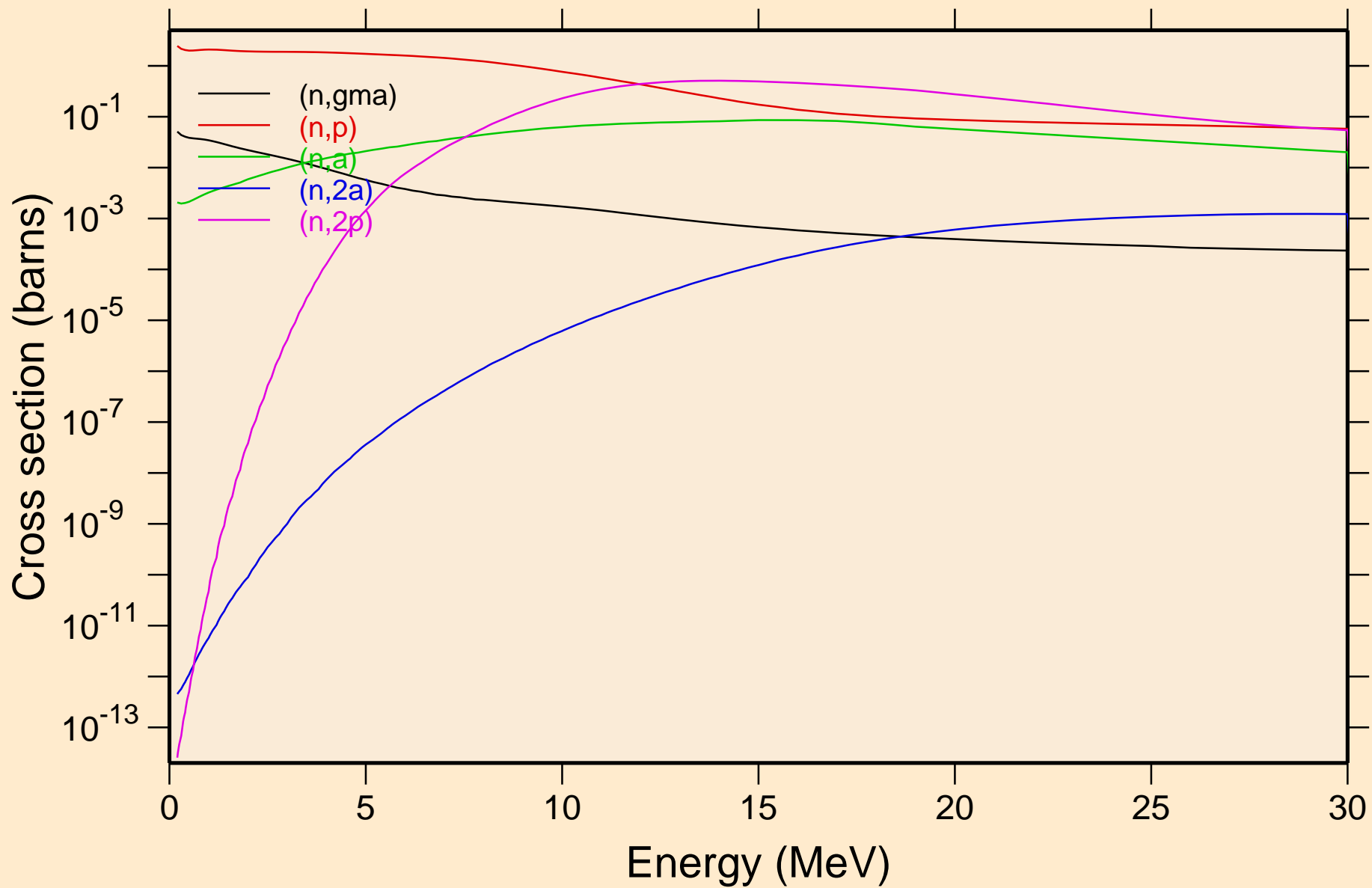
# PM133 NRG TENDL-2015, AKONING

## Principal cross sections

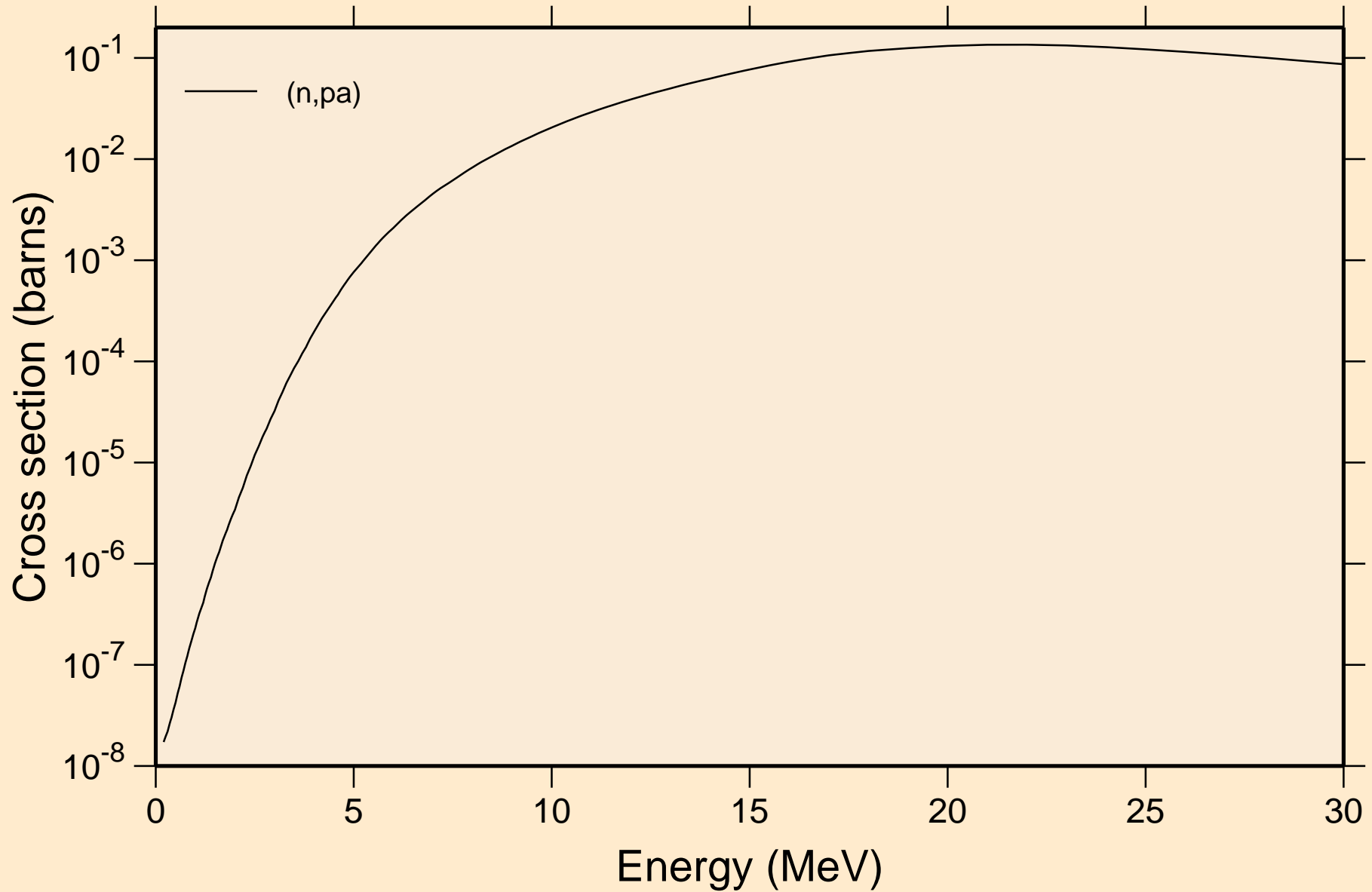


# PM133 NRG TENDL-2015, AKONING

## Non-threshold reactions

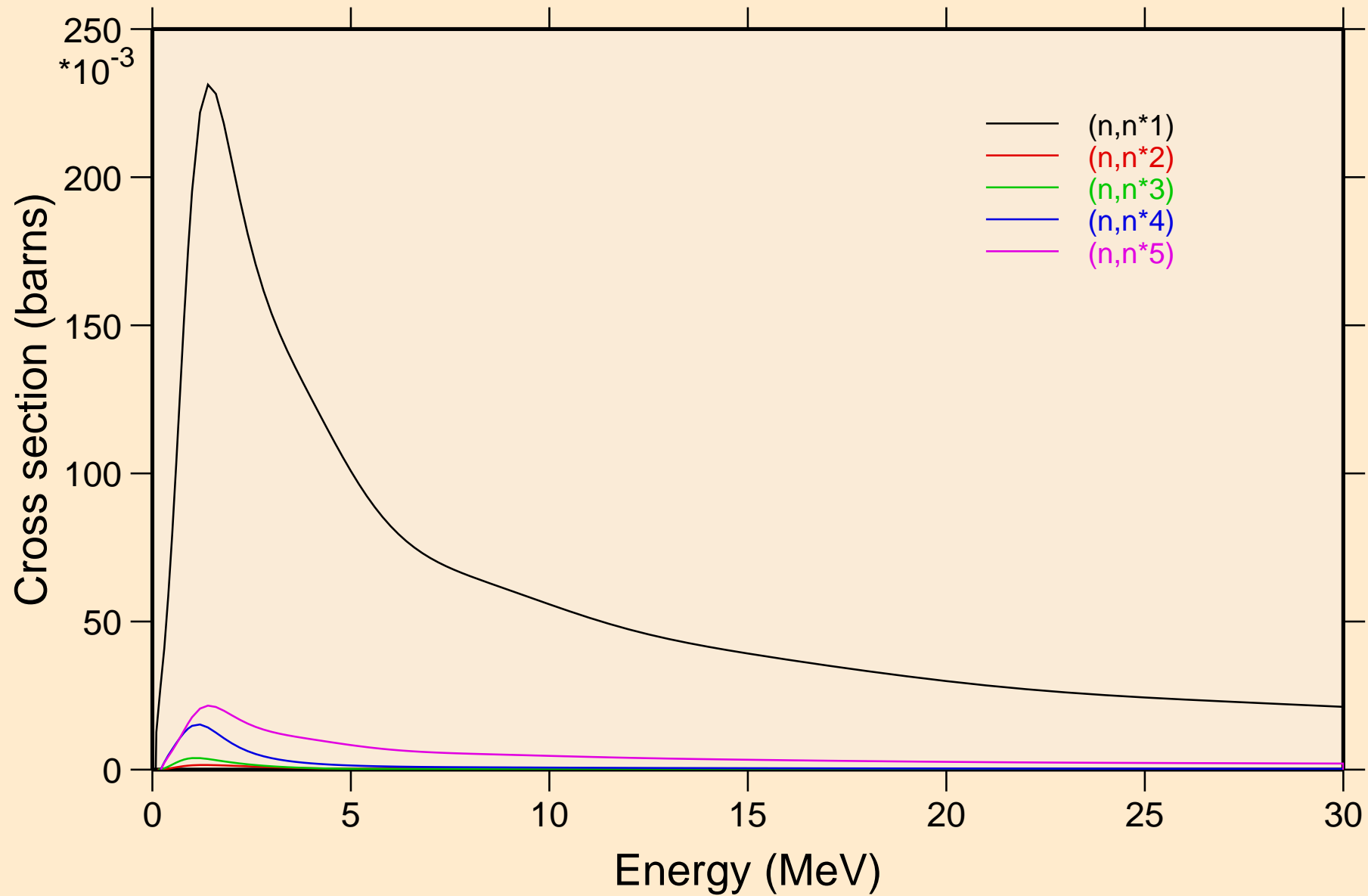


PM133 NRG TENDL-2015, AKONING  
Non-threshold reactions



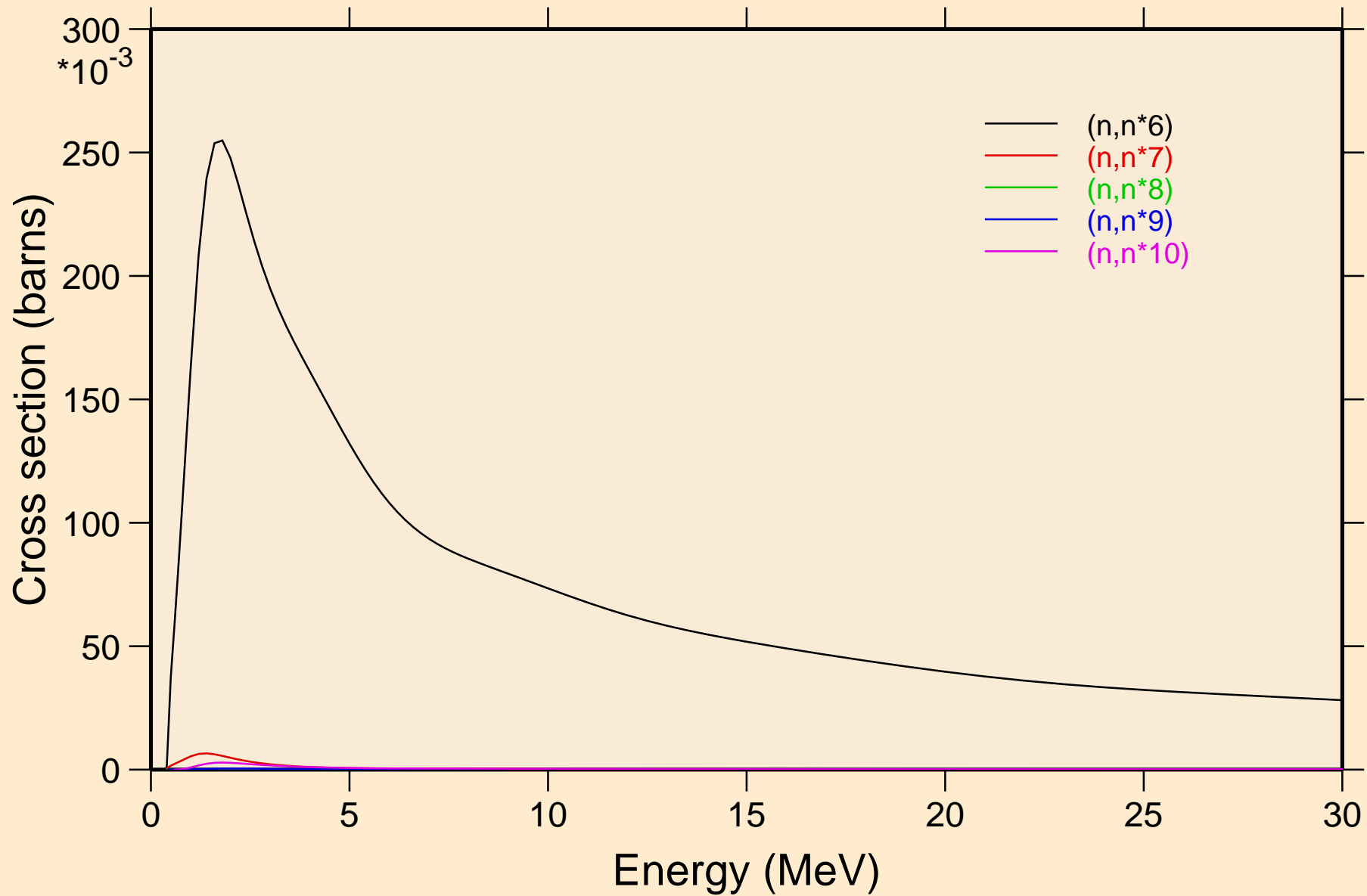
# PM133 NRG TENDL-2015, AKONING

## Inelastic levels



# PM133 NRG TENDL-2015, AKONING

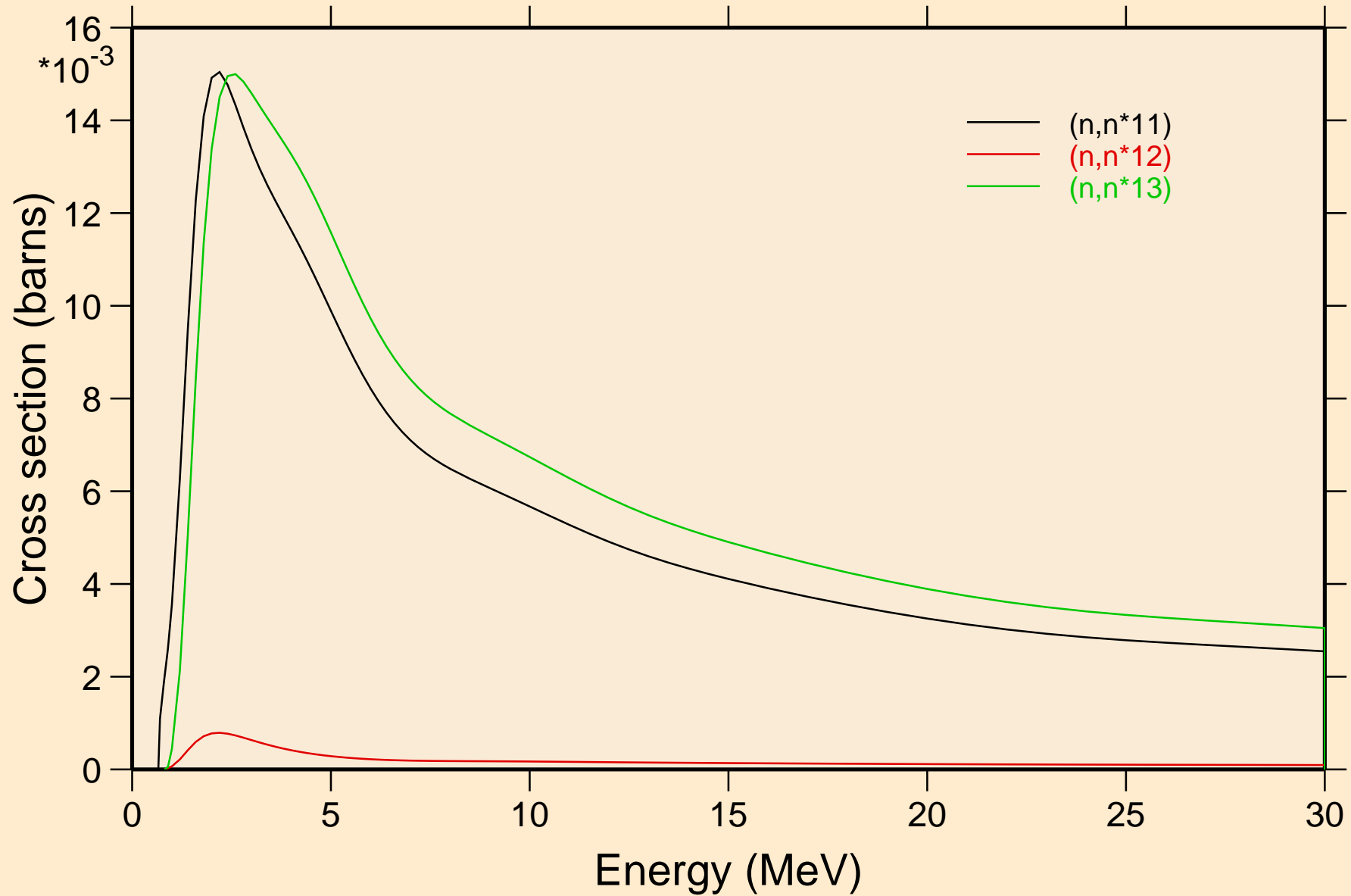
## Inelastic levels





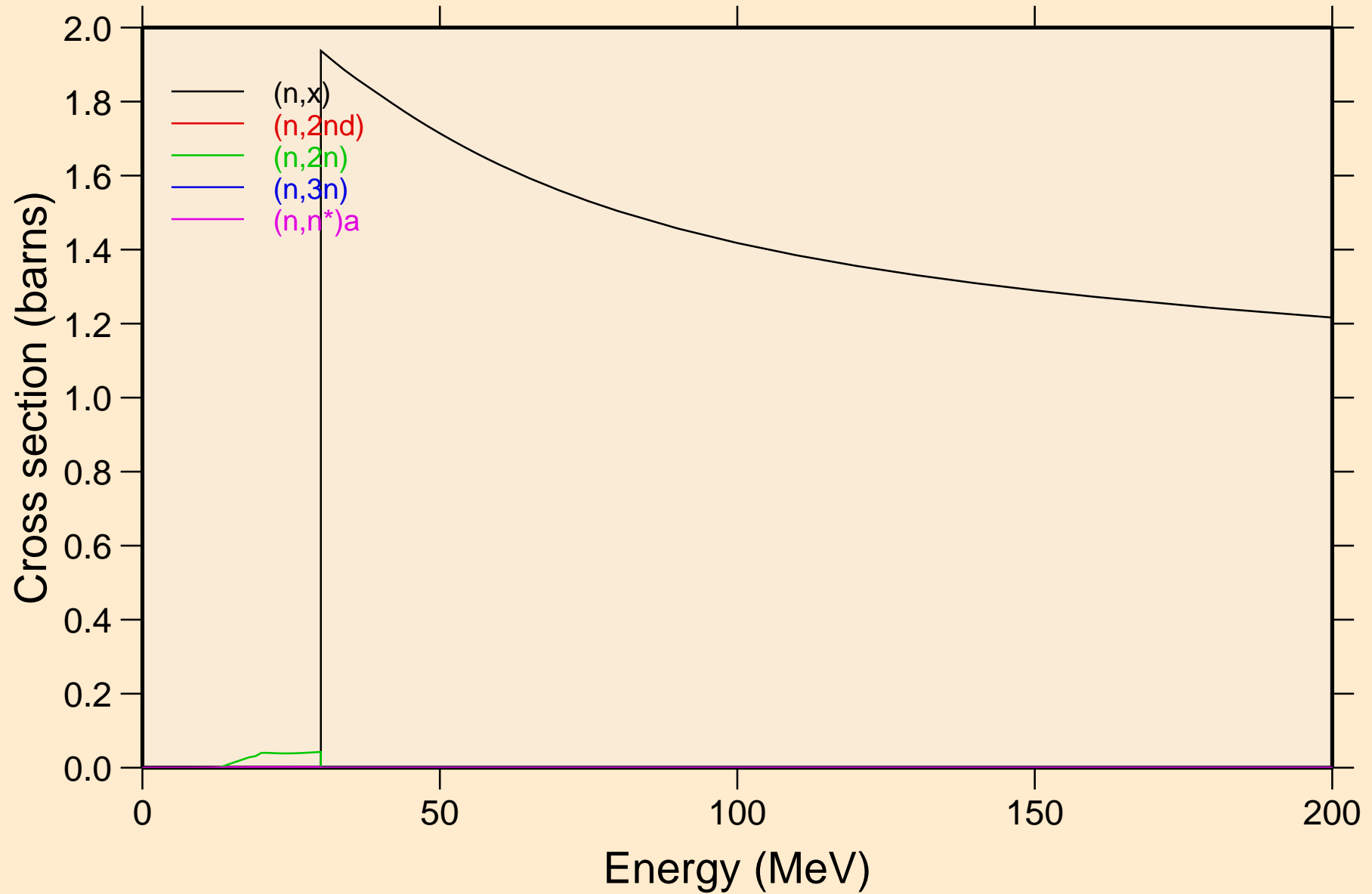
# PM133 NRG TENDL-2015, AKONING

## Inelastic levels



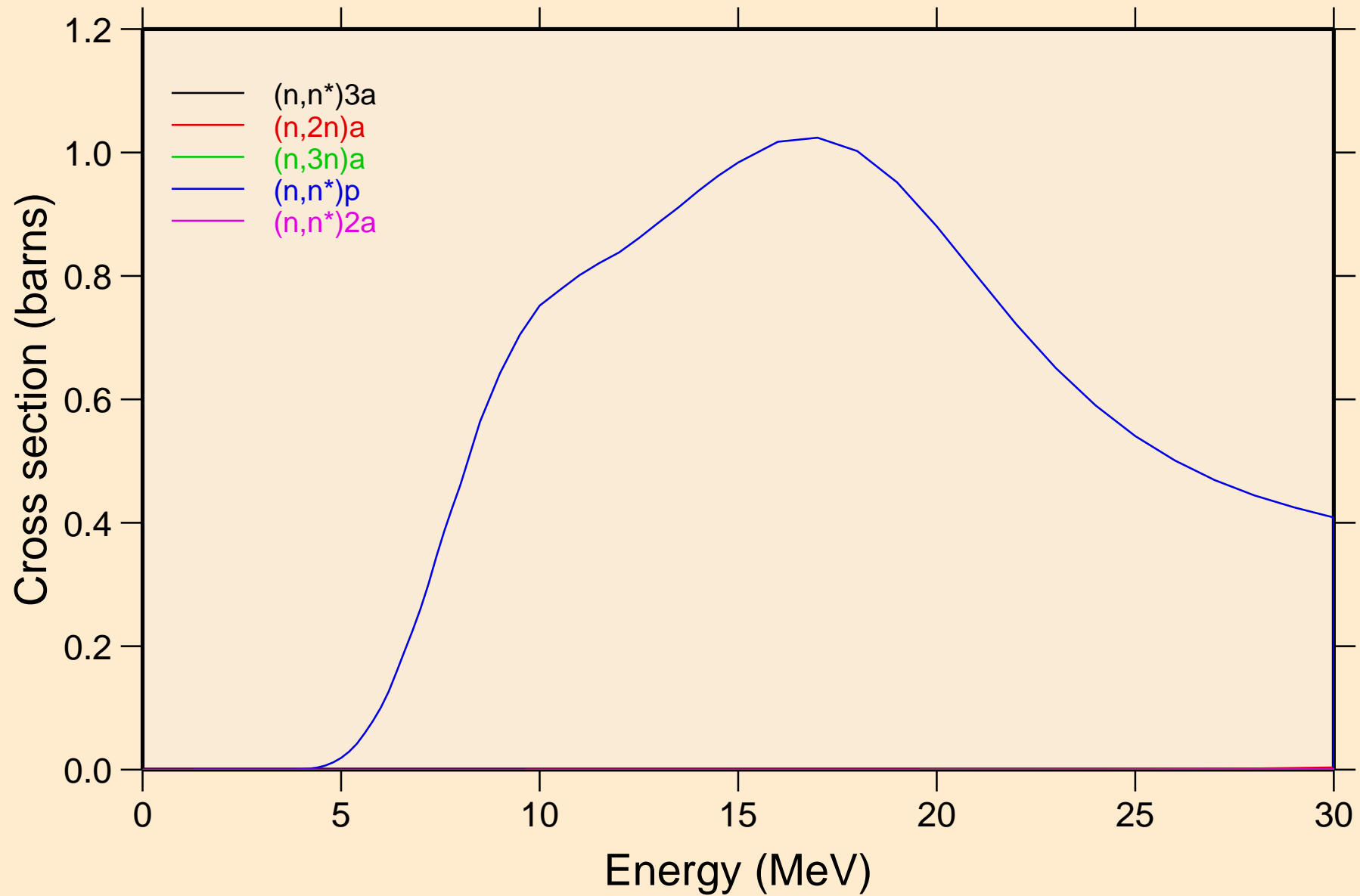
# PM133 NRG TENDL-2015, AKONING

## Threshold reactions



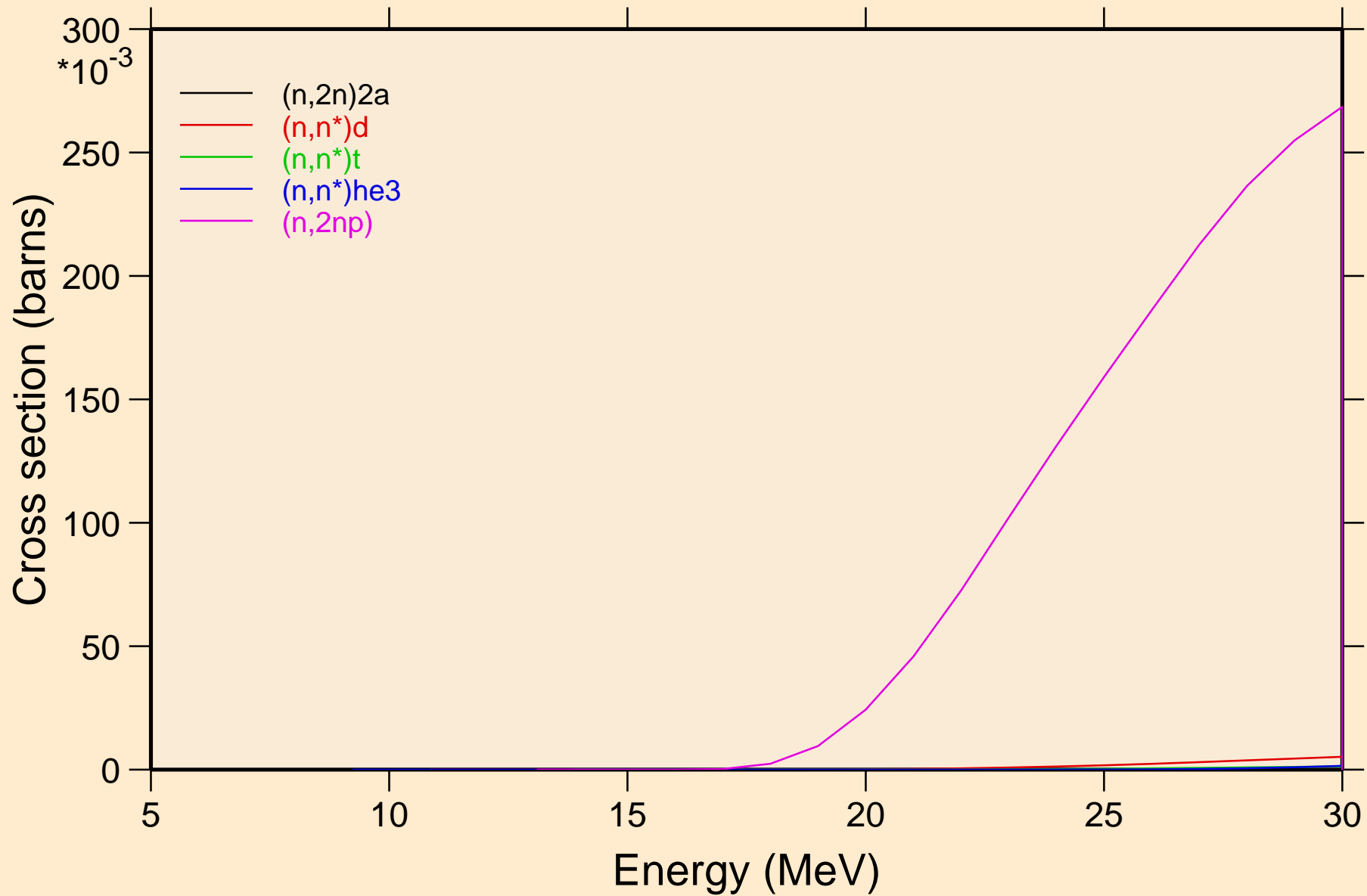
# PM133 NRG TENDL-2015, AKONING

## Threshold reactions



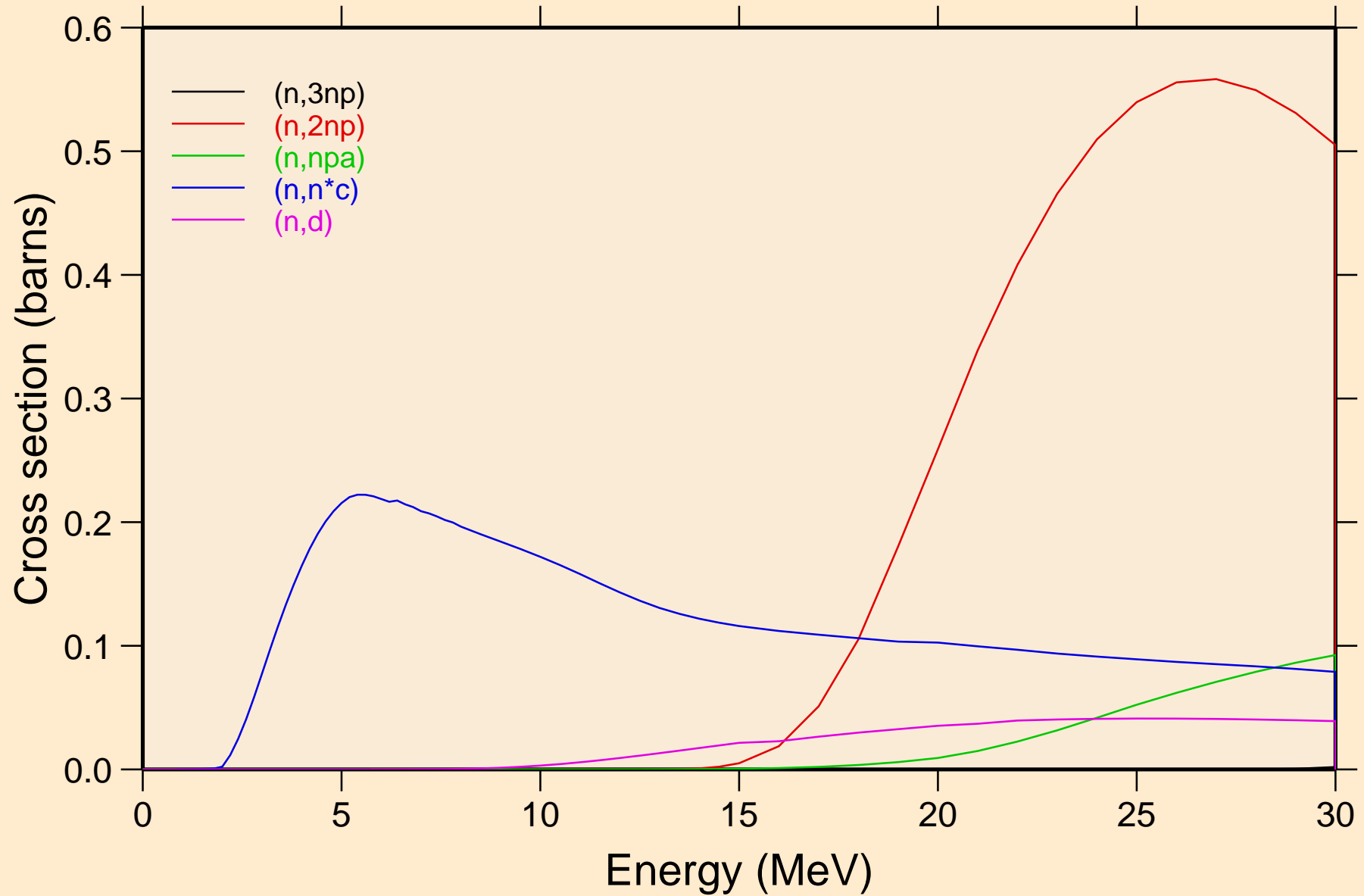
# PM133 NRG TENDL-2015, AKONING

## Threshold reactions



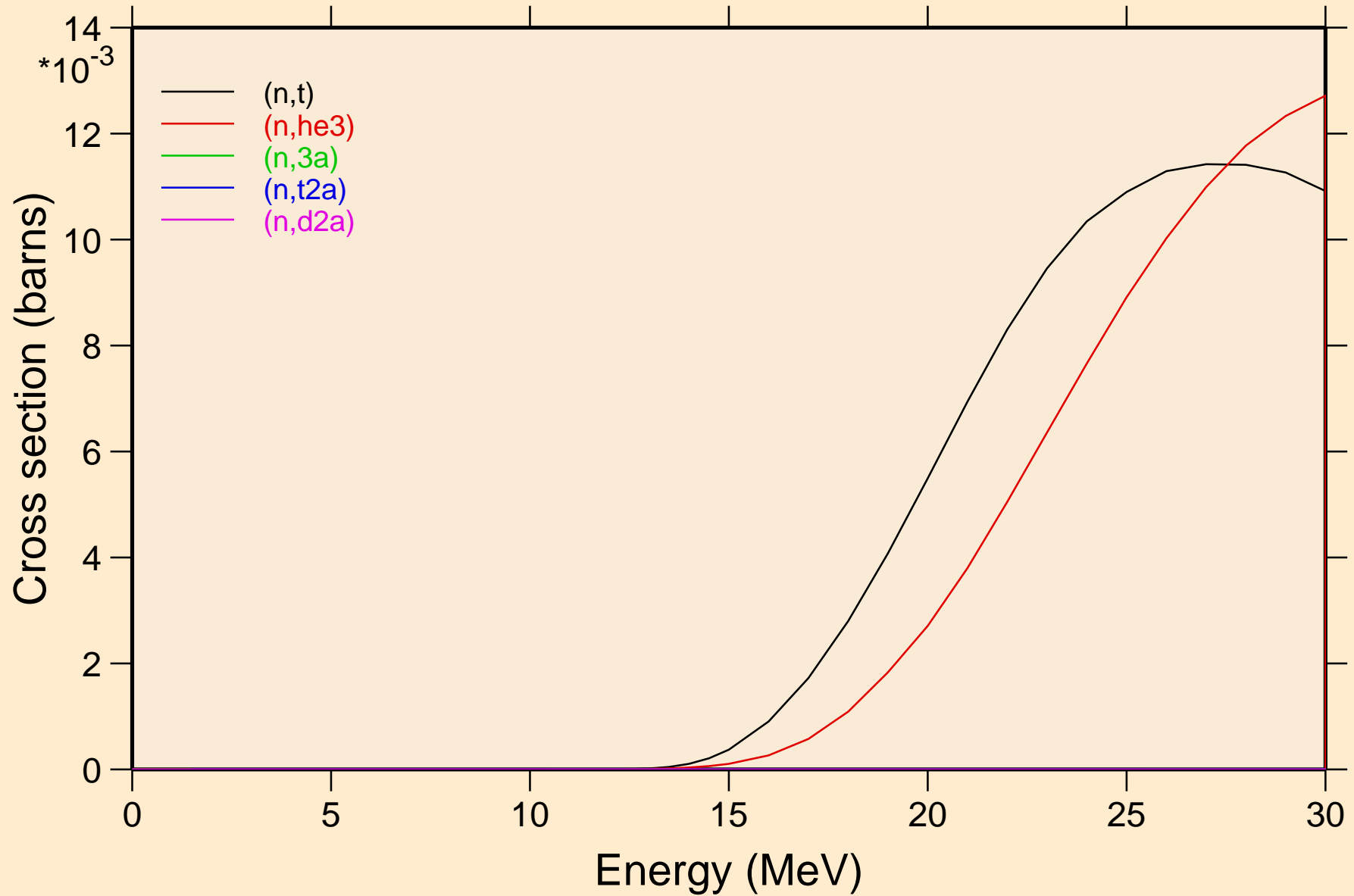
# PM133 NRG TENDL-2015, AKONING

## Threshold reactions



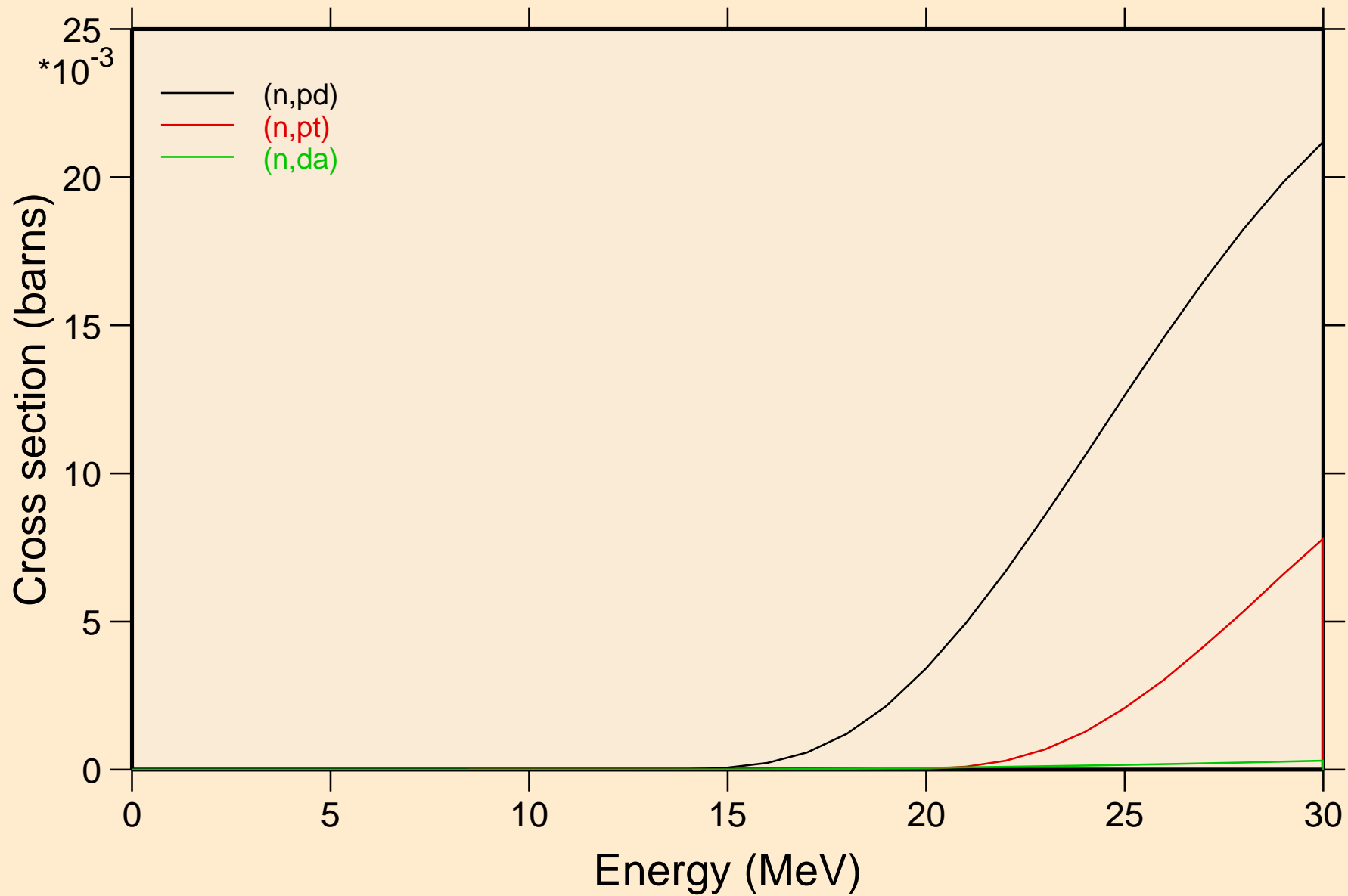
# PM133 NRG TENDL-2015, AKONING

## Threshold reactions

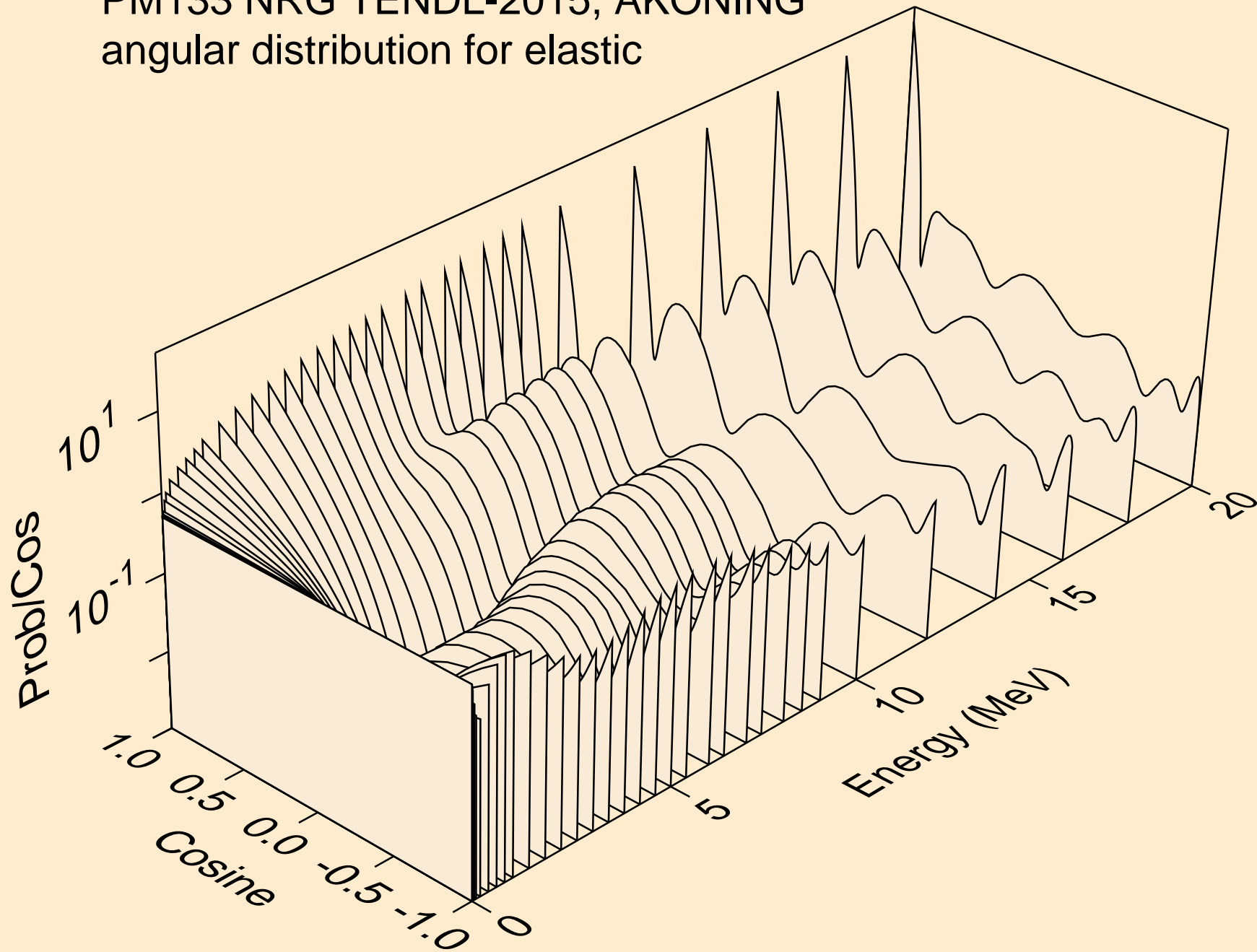


# PM133 NRG TENDL-2015, AKONING

## Threshold reactions

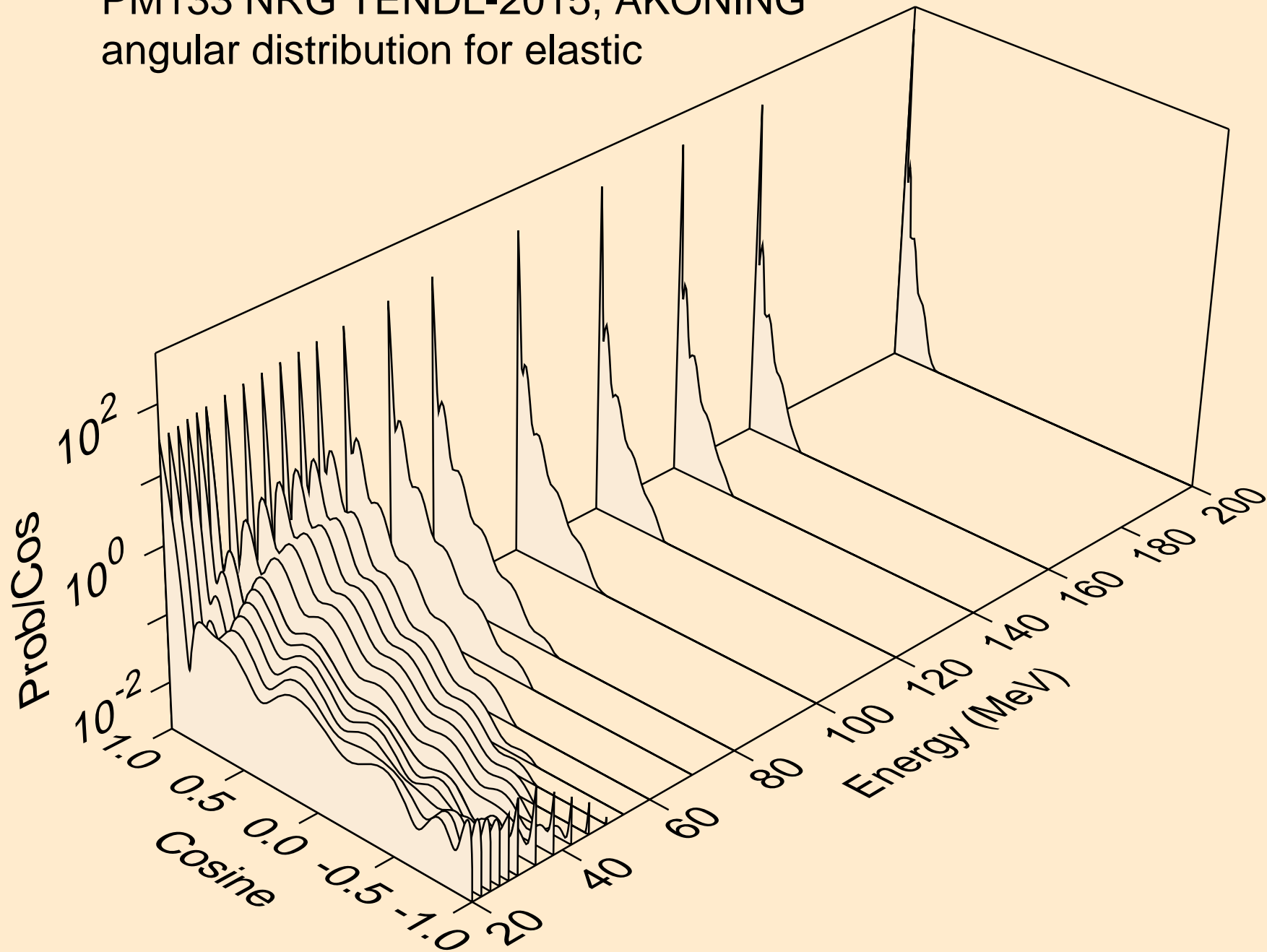


PM133 NRG TENDL-2015, AKONING  
angular distribution for elastic

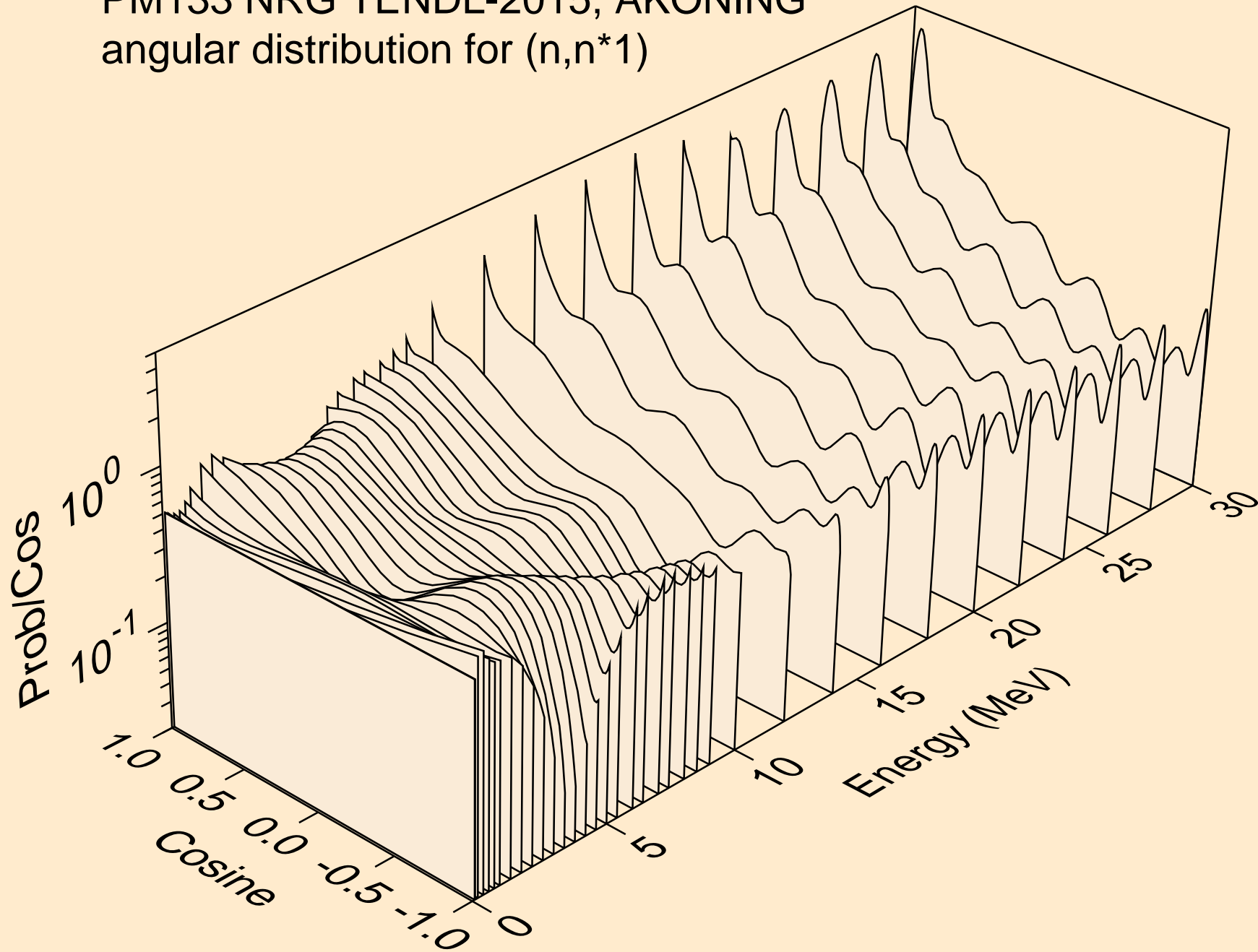




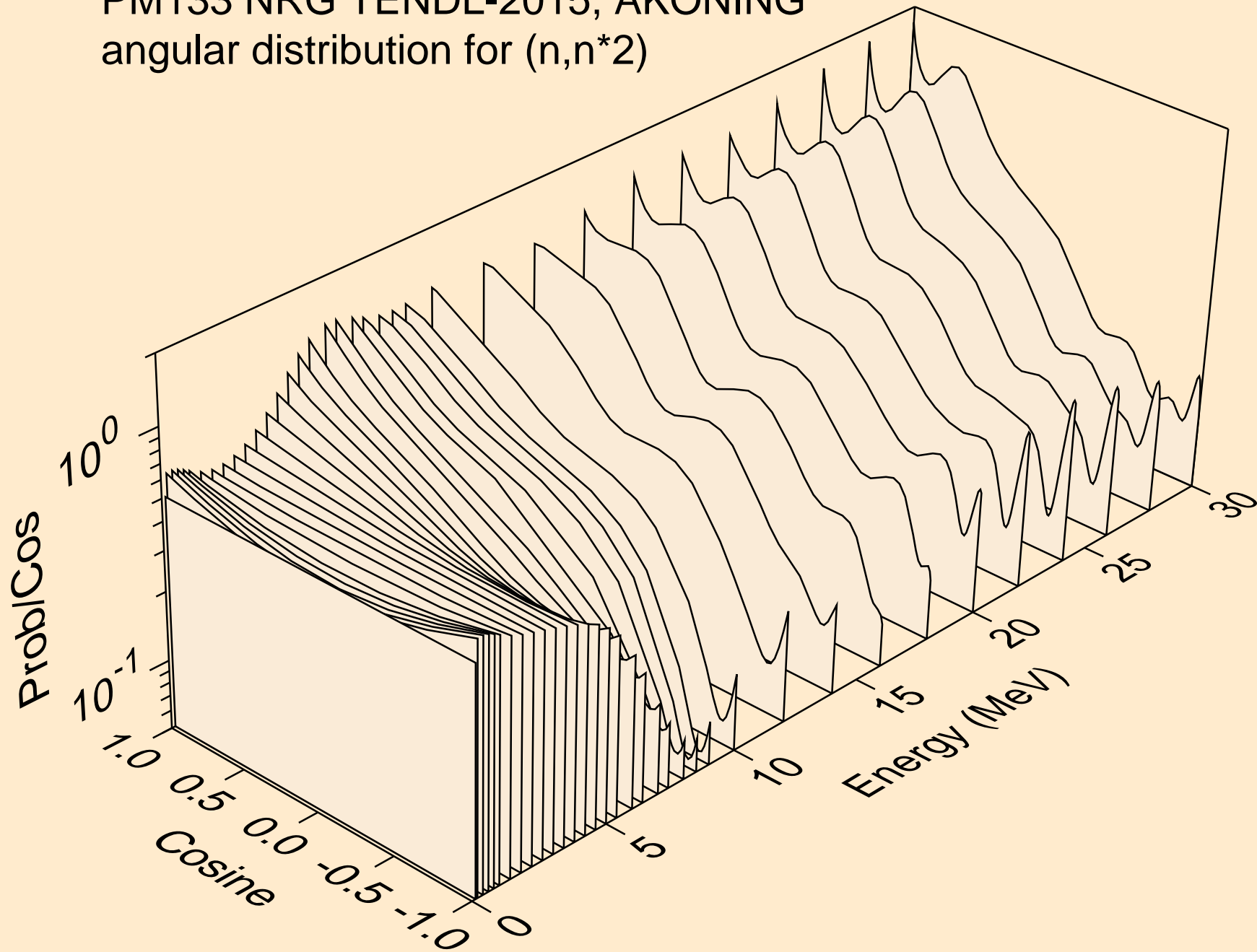
PM133 NRG TENDL-2015, AKONING  
angular distribution for elastic



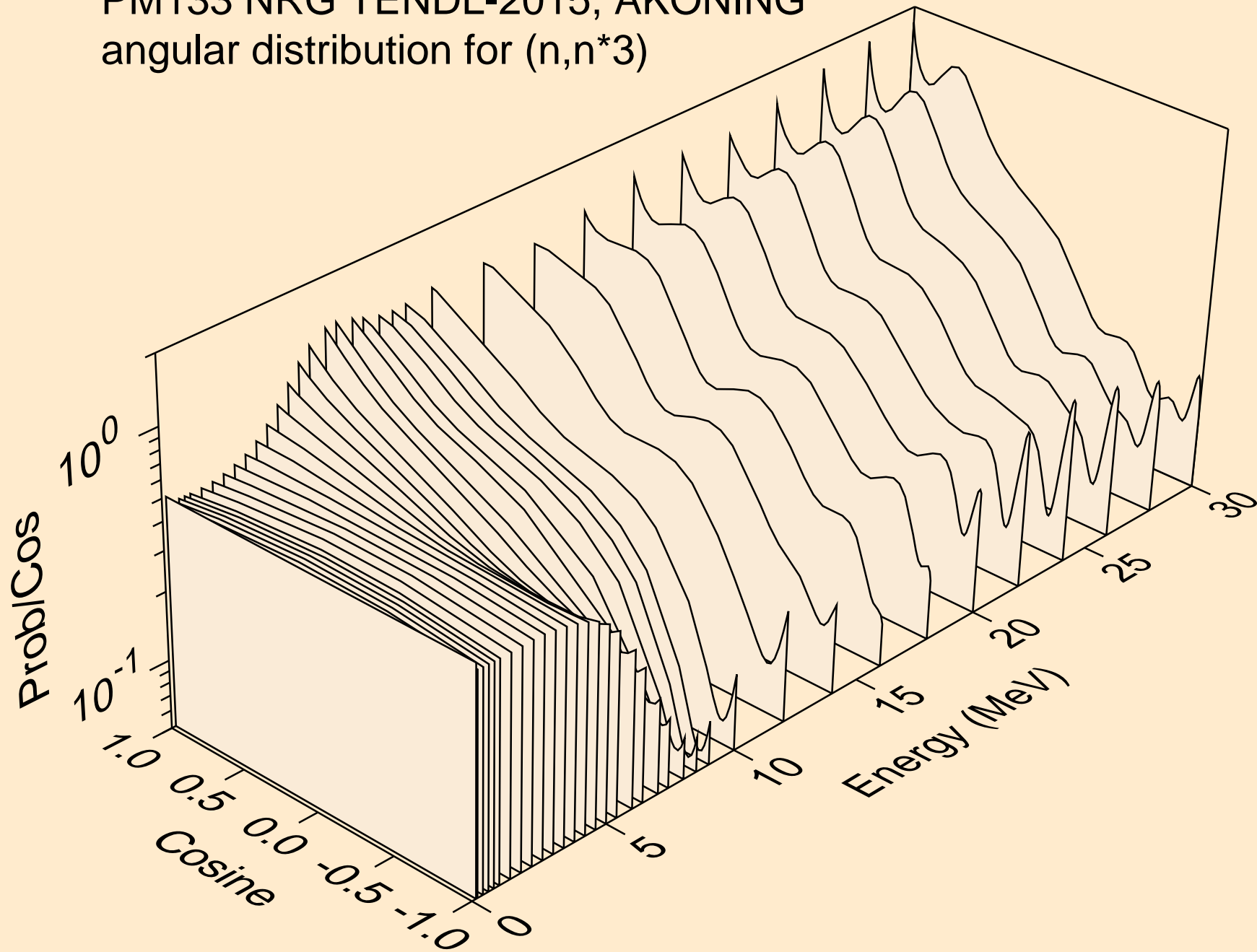
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



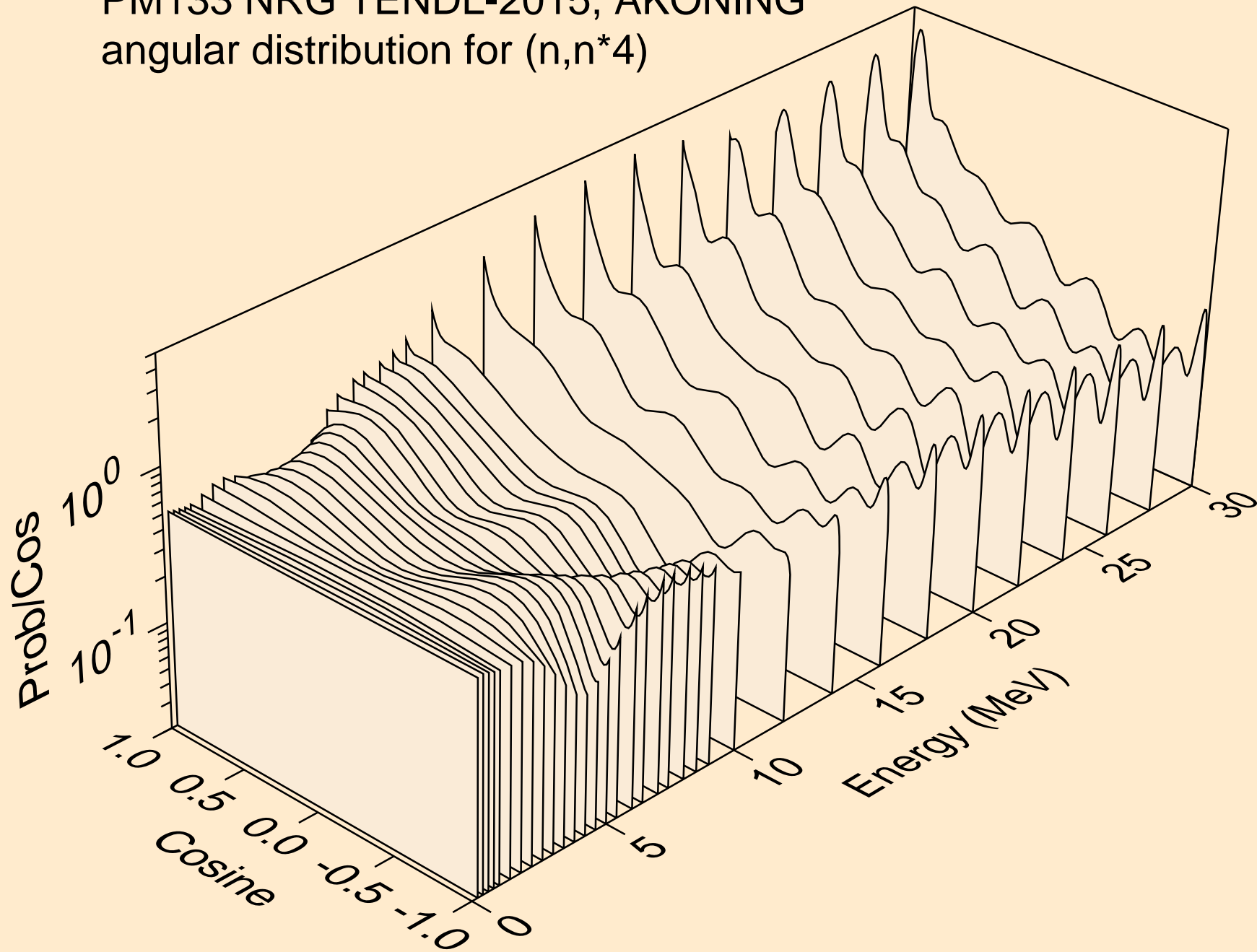
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



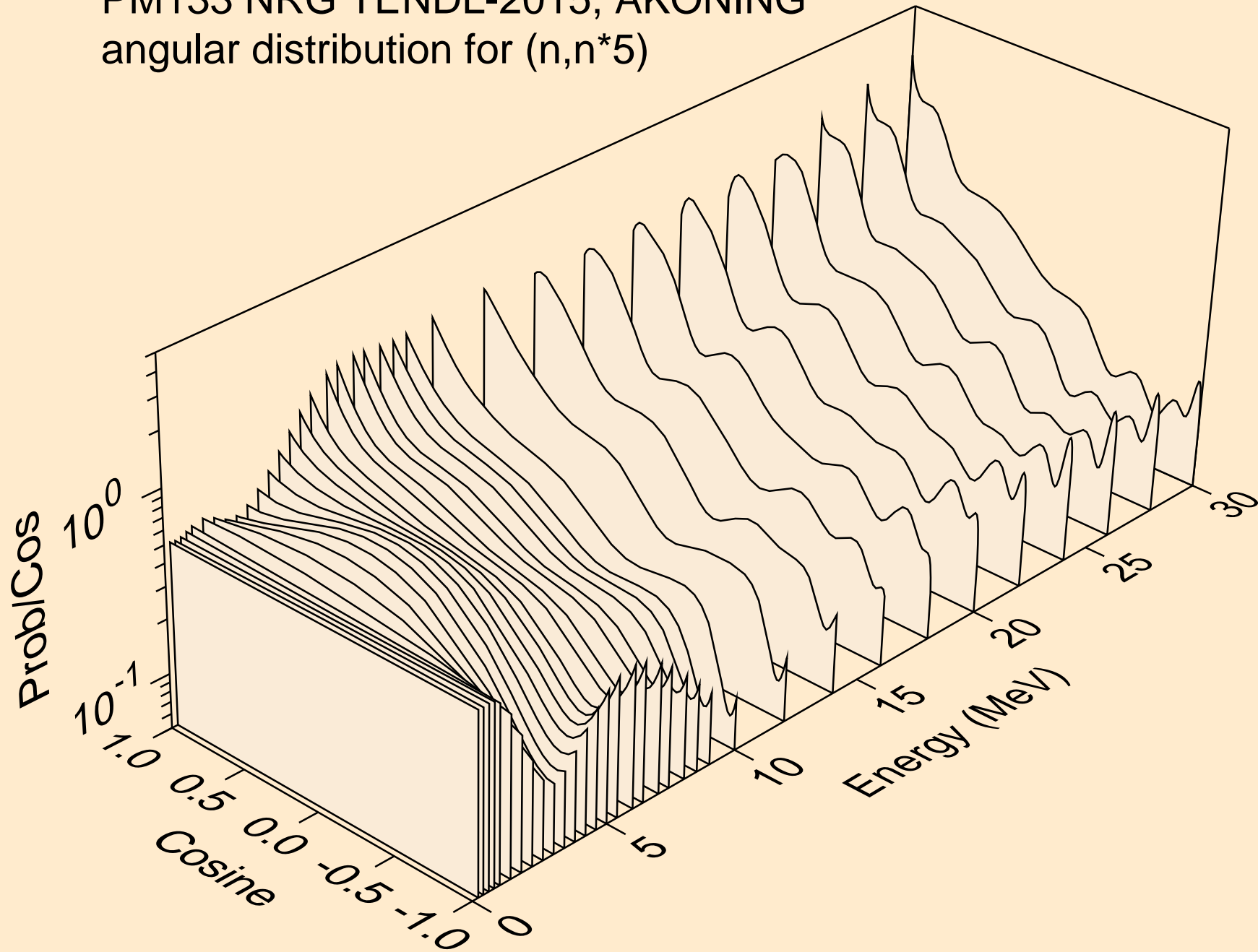
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



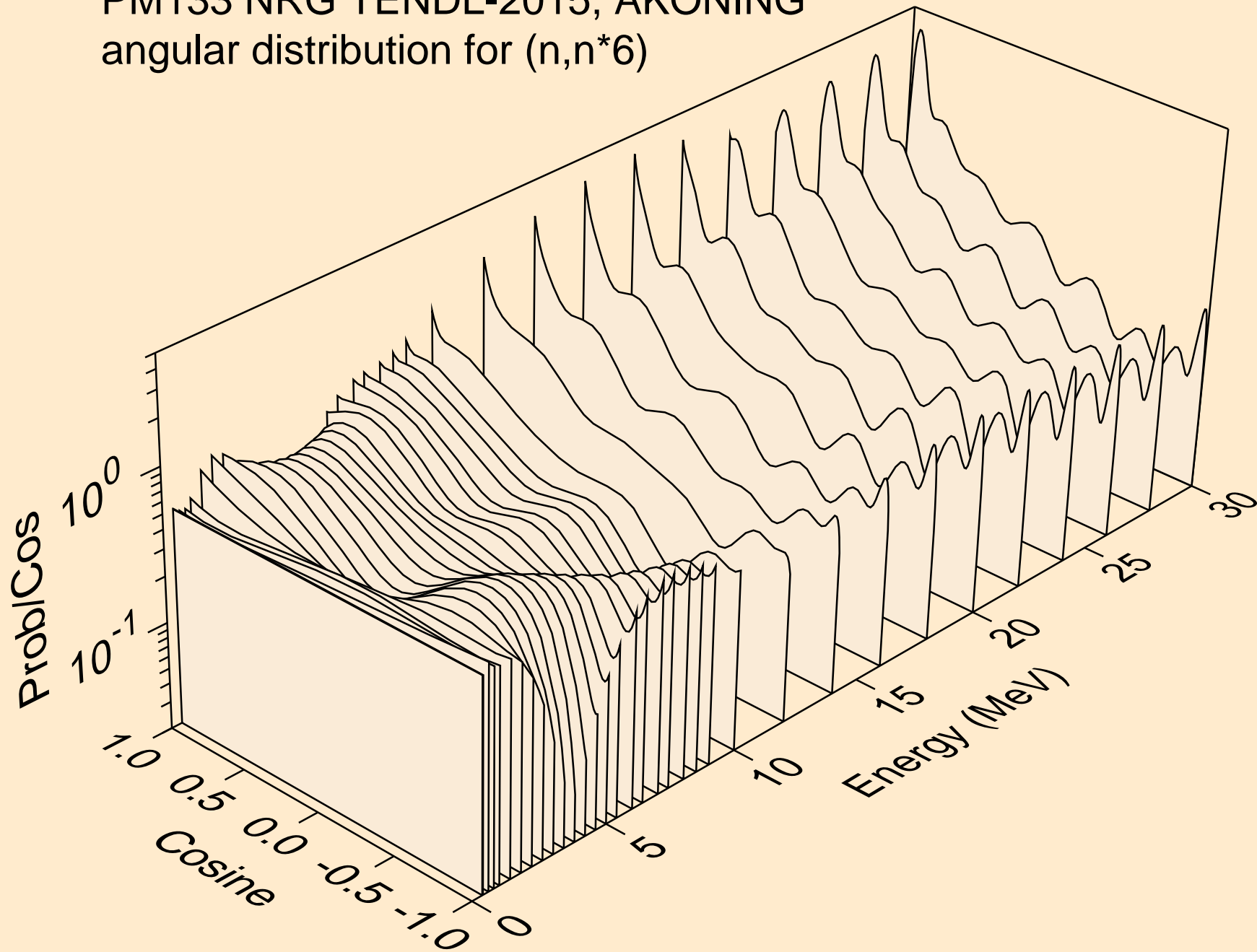
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



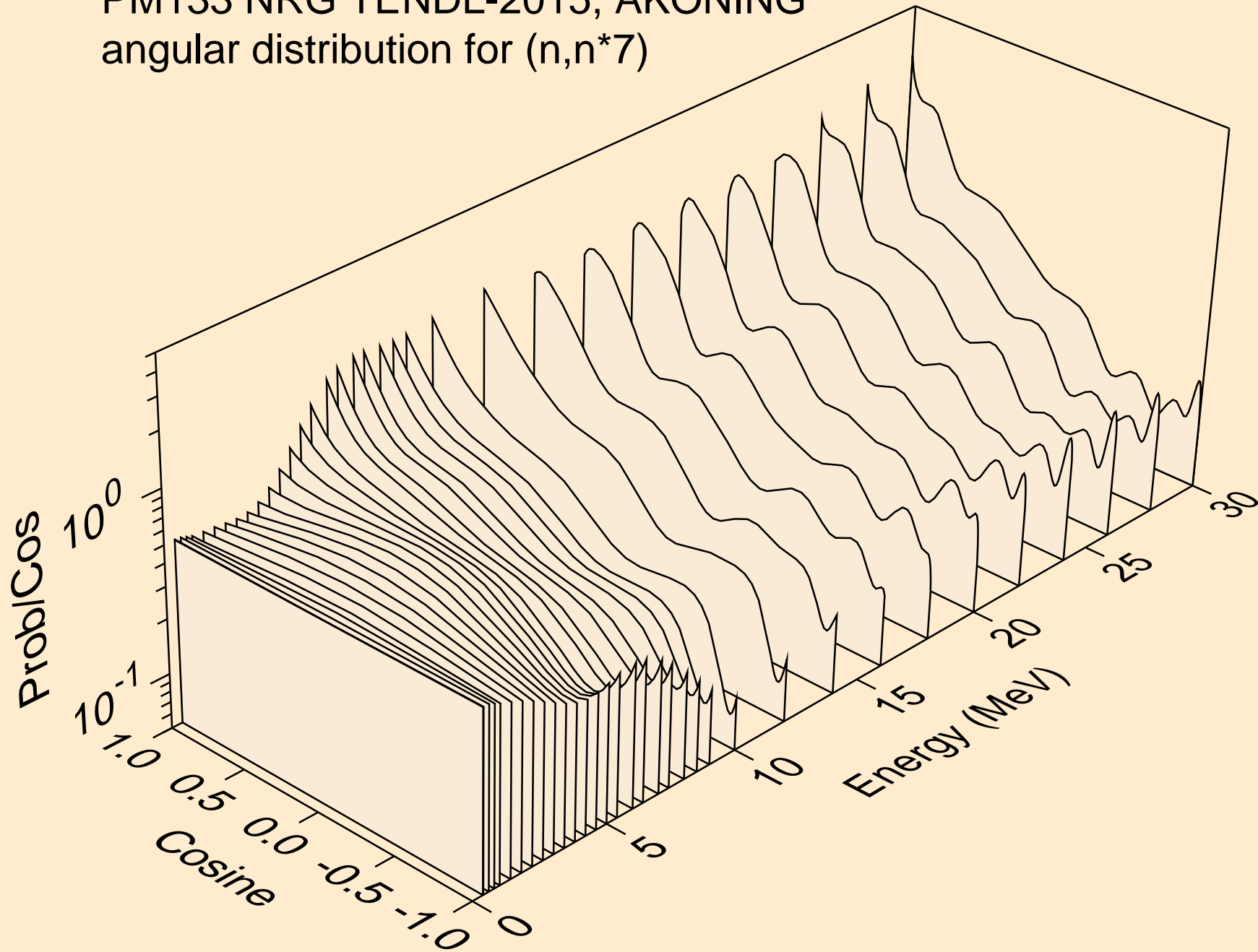
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

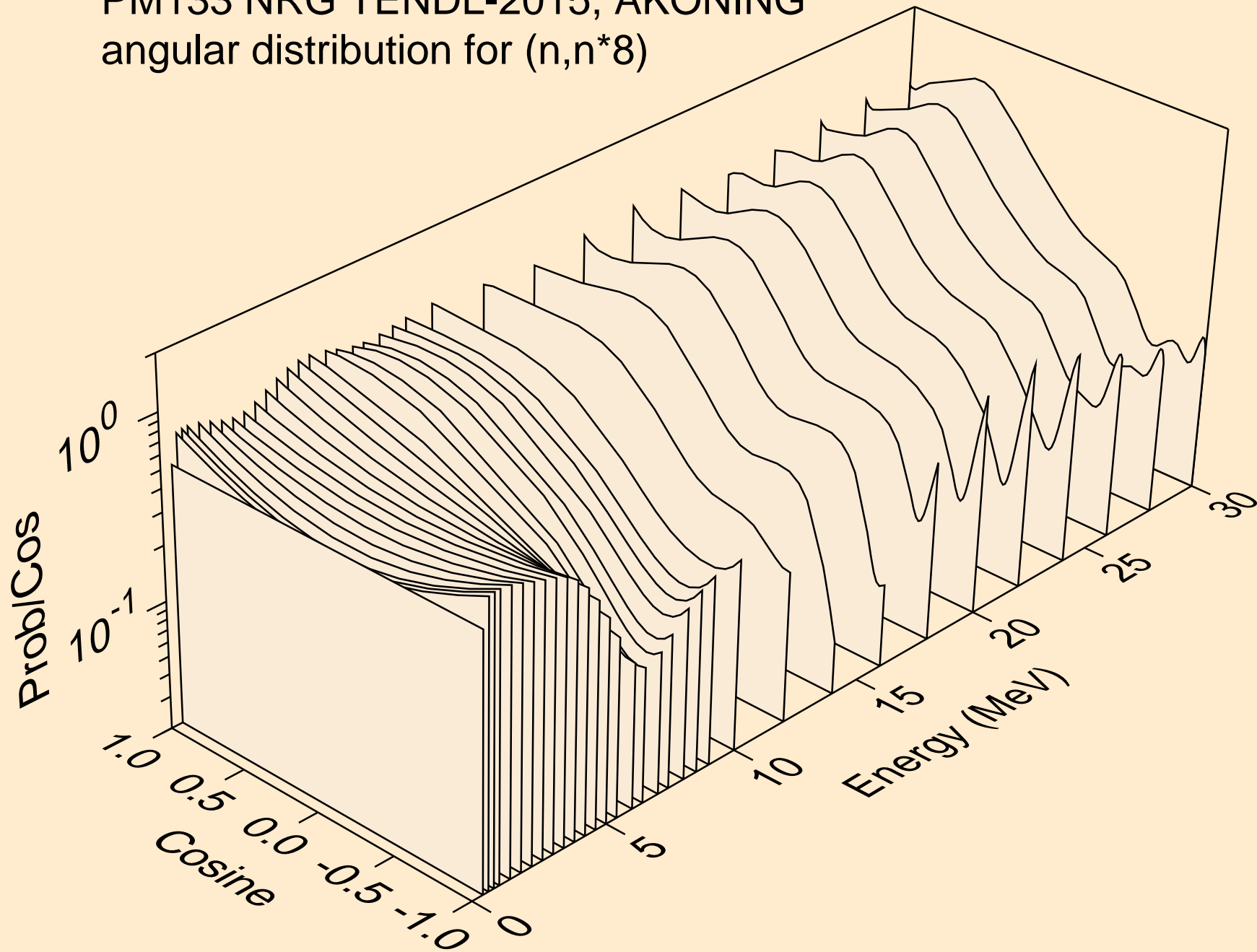


PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

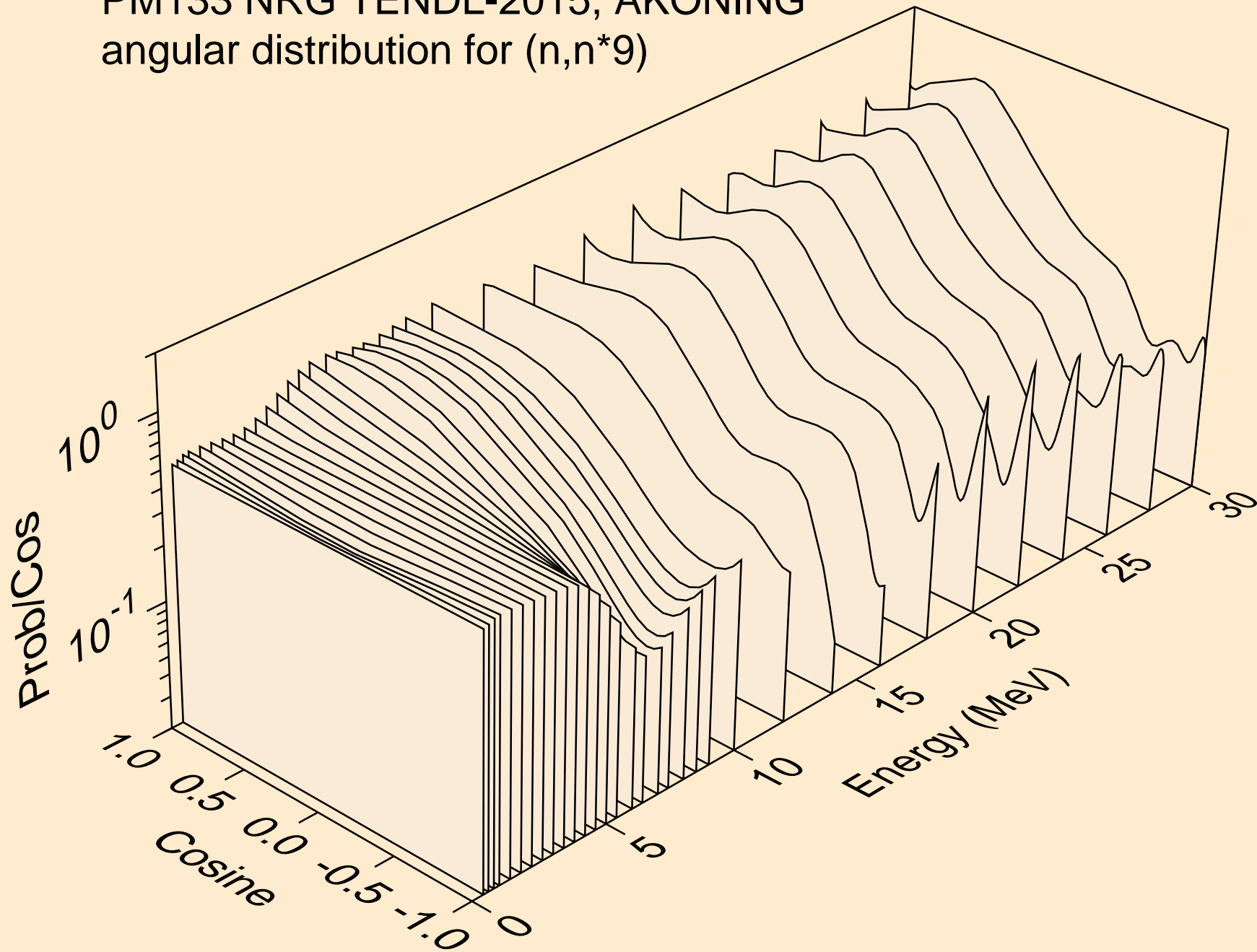




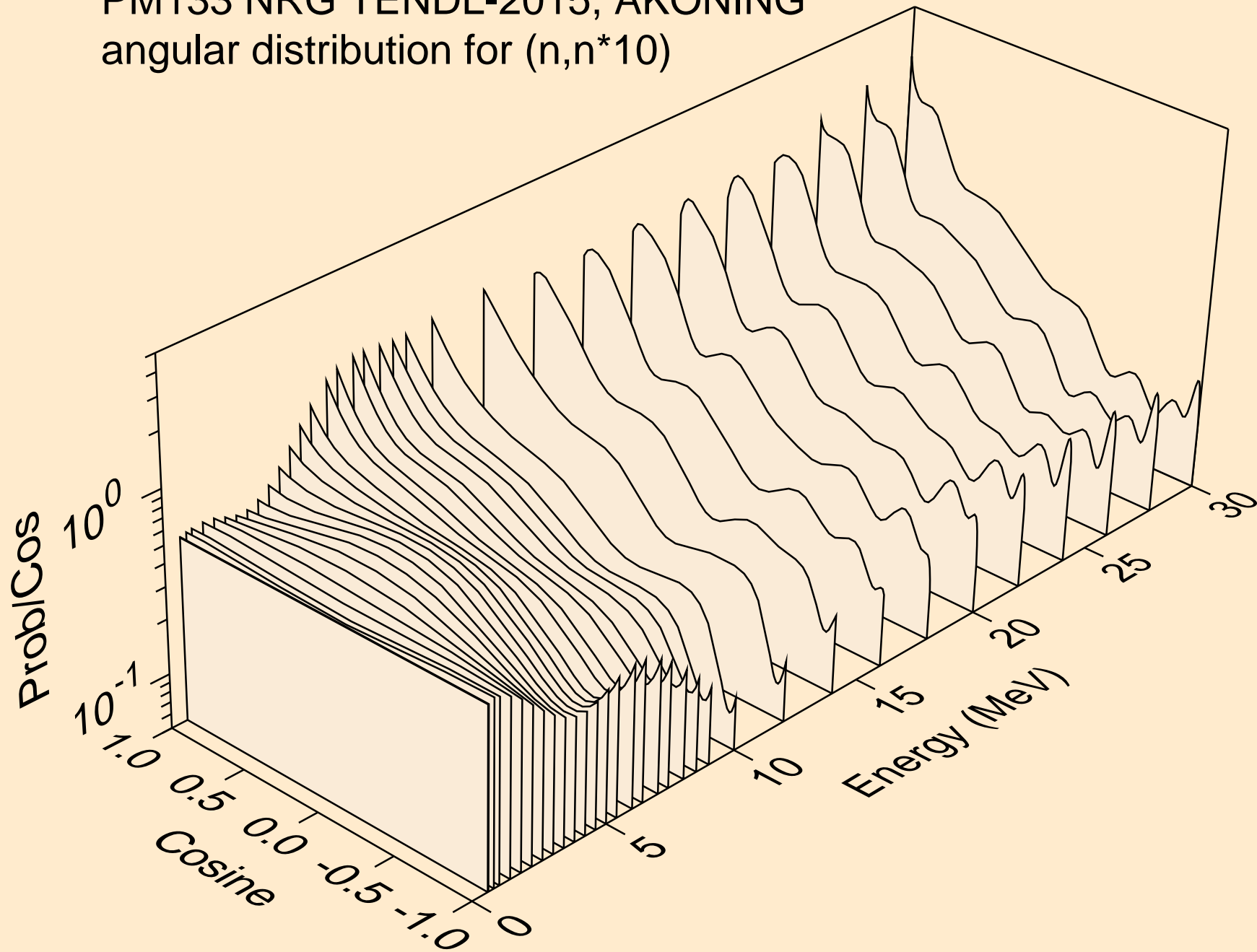
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



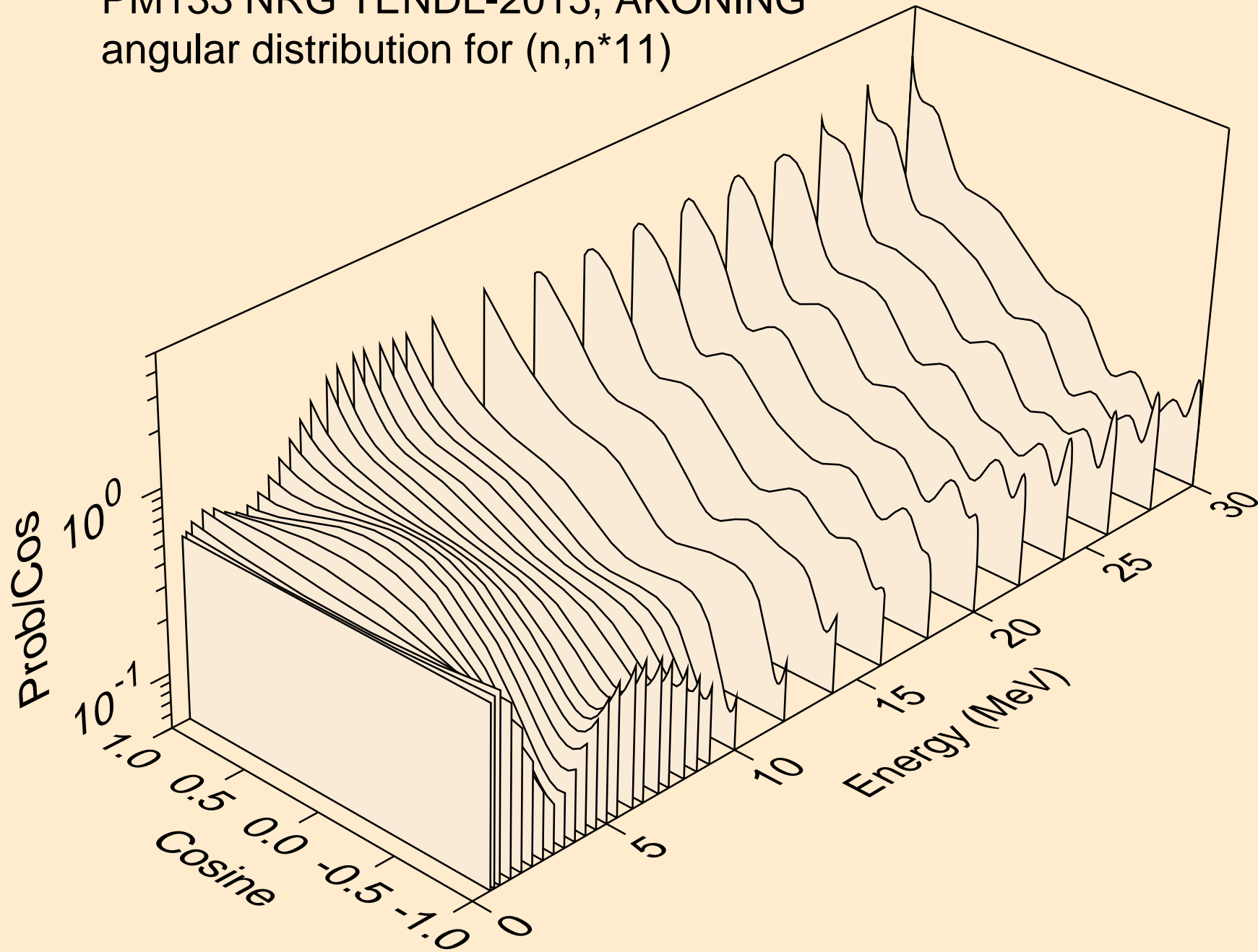
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



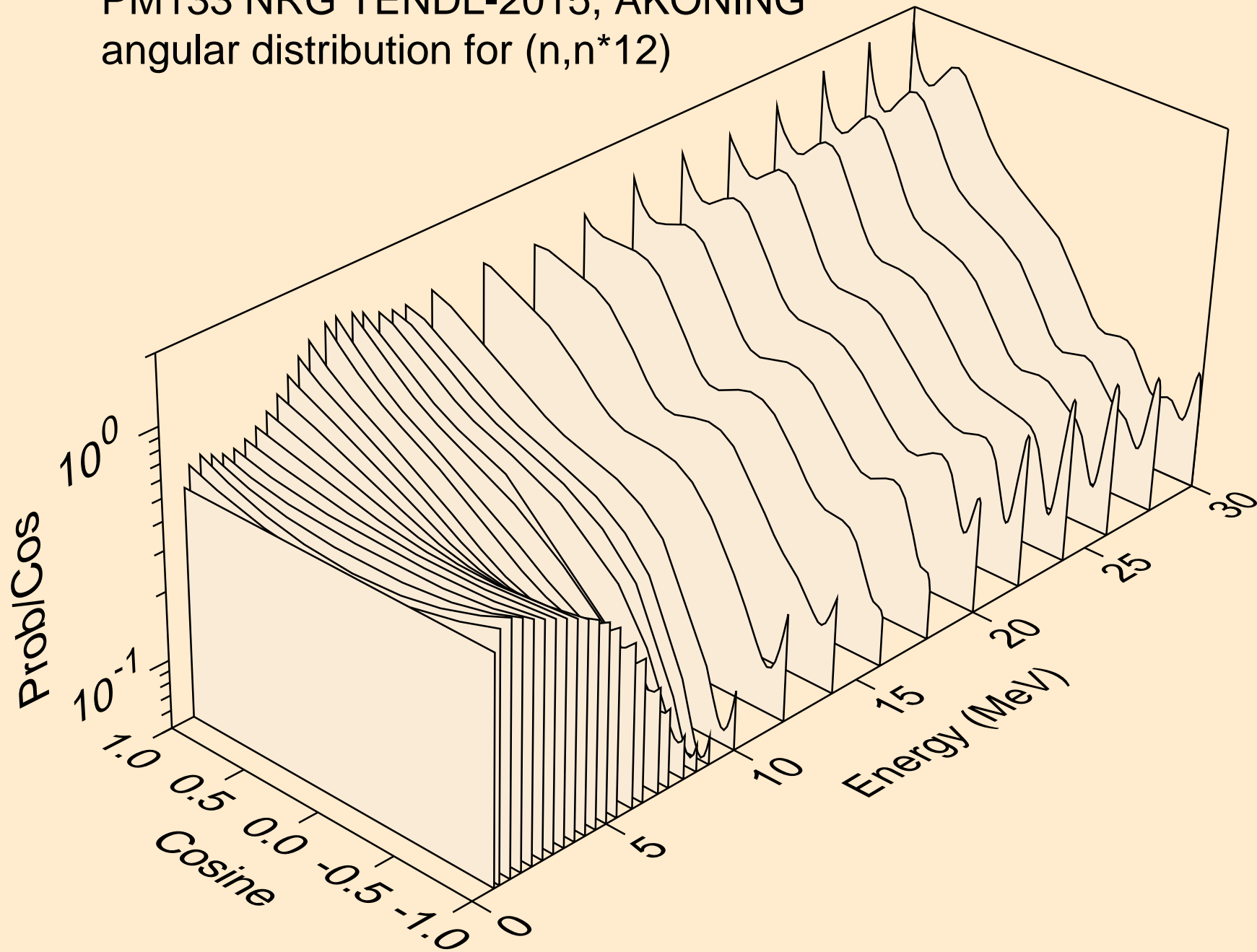
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



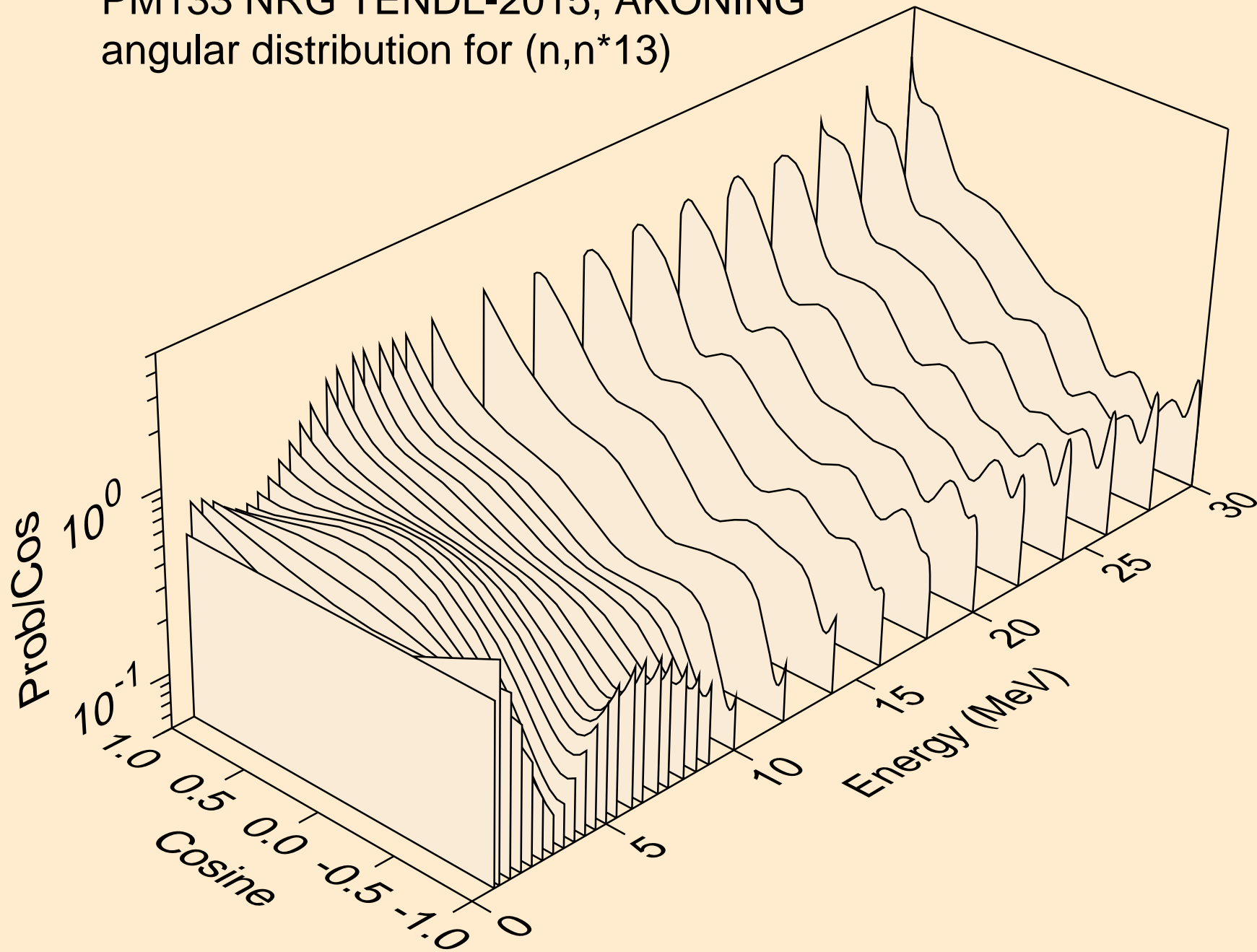
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



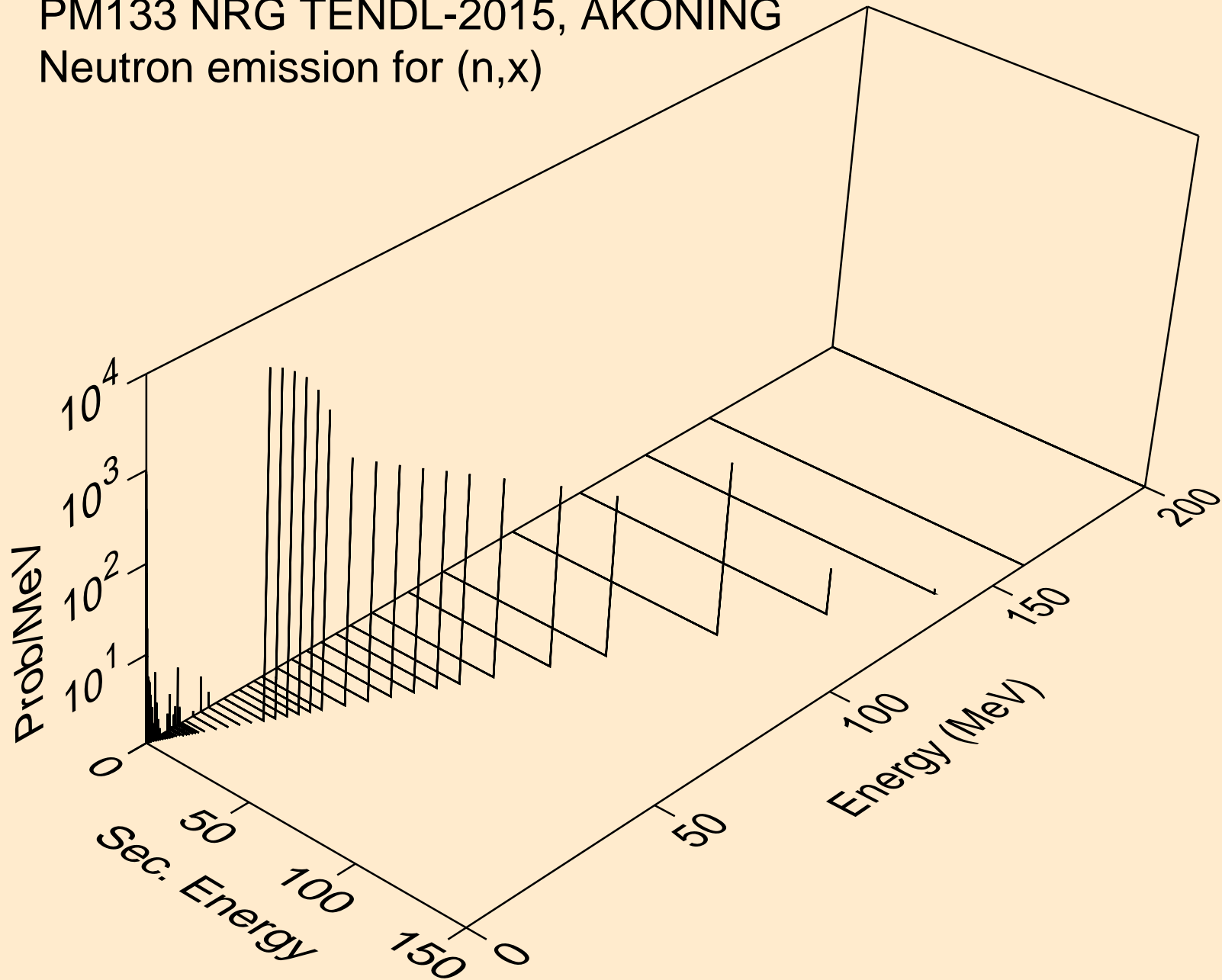
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



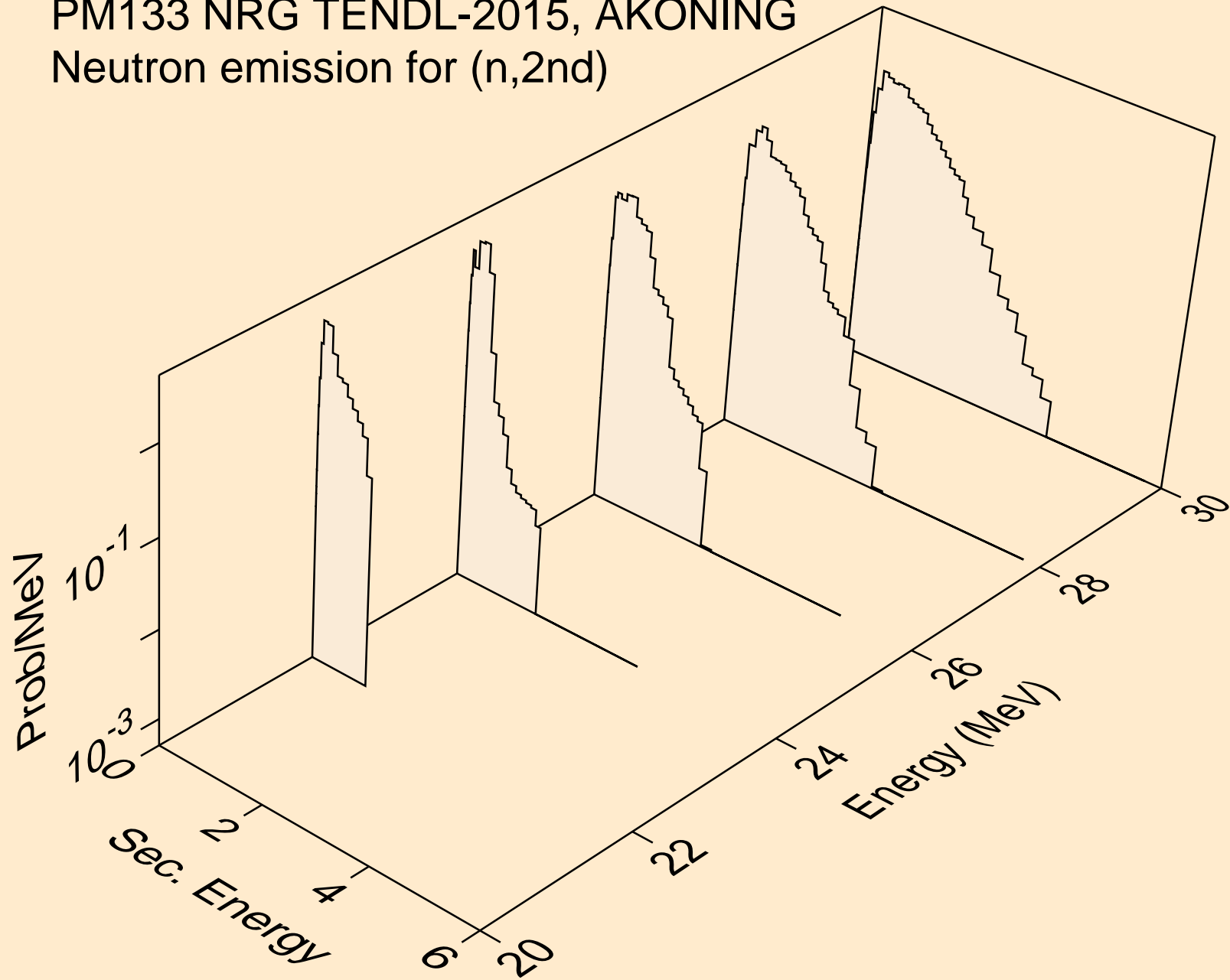
PM133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

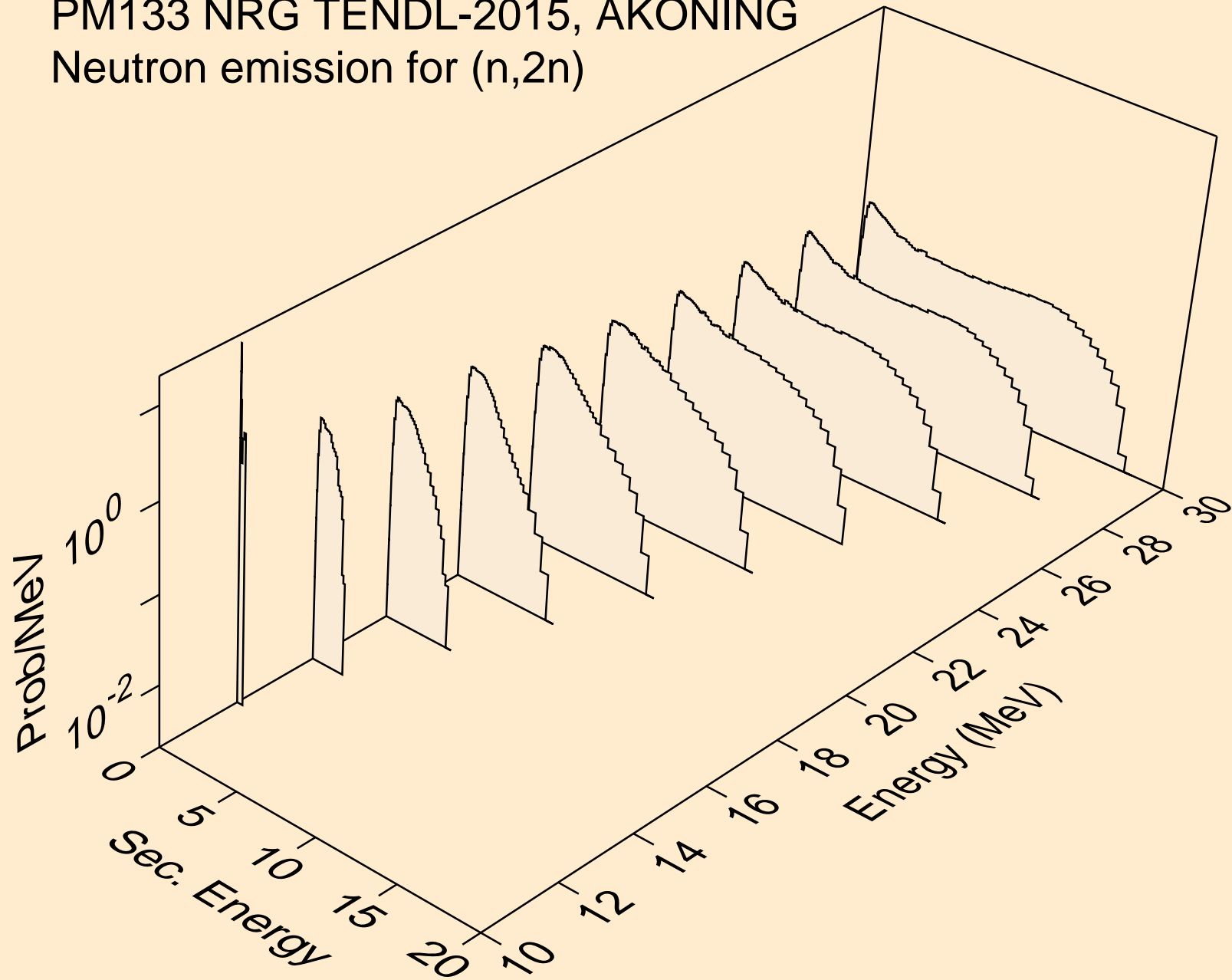


PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

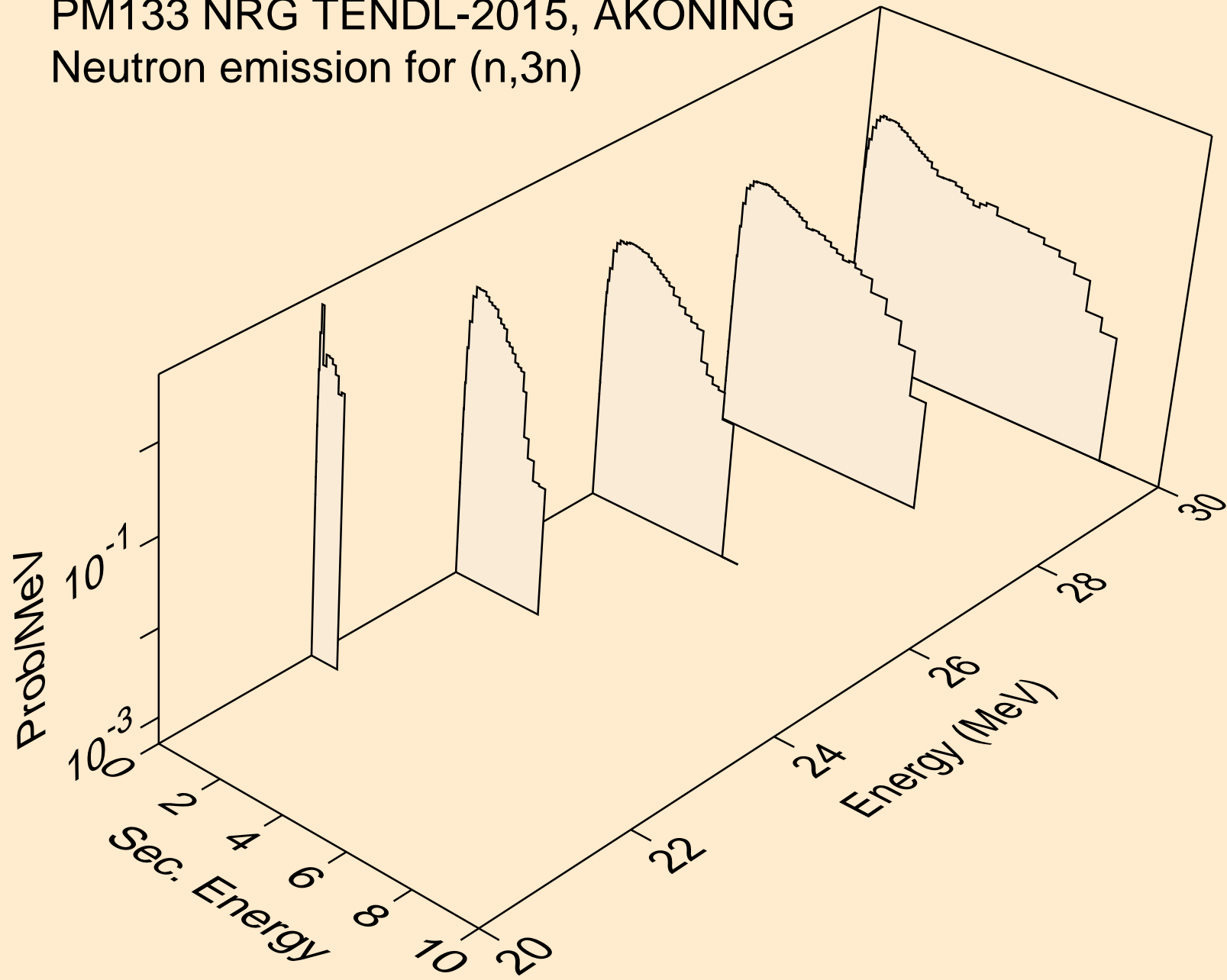




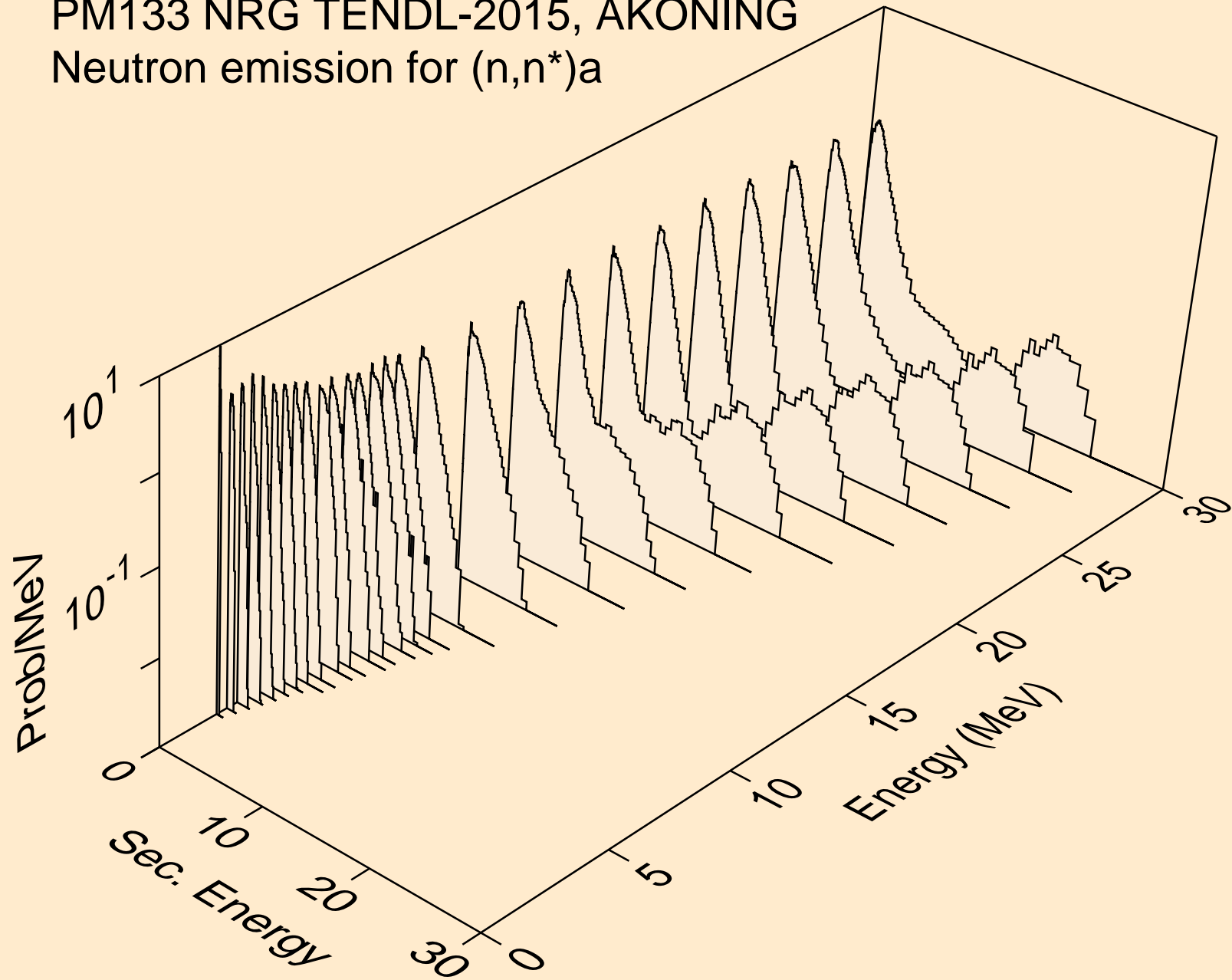
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



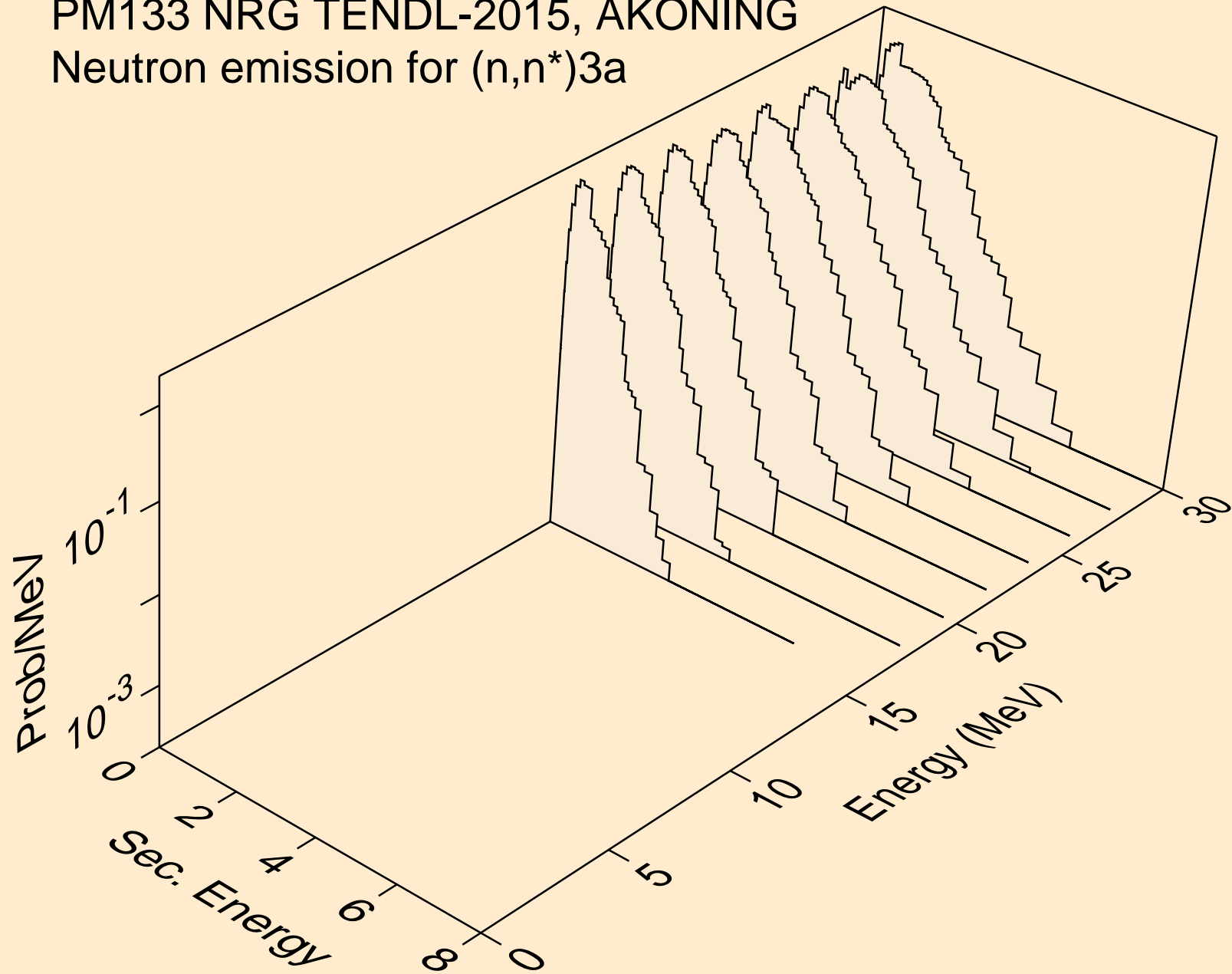
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



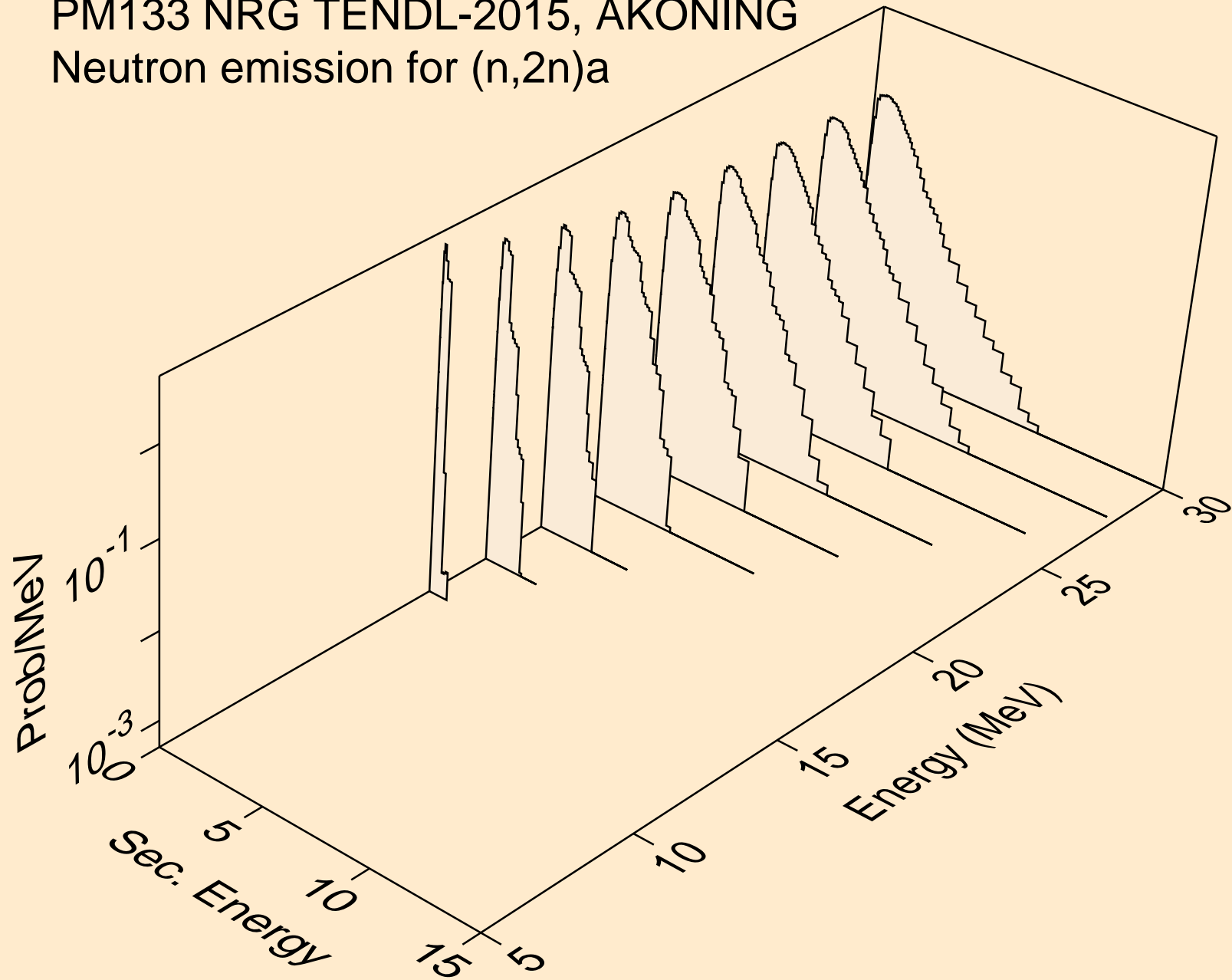
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



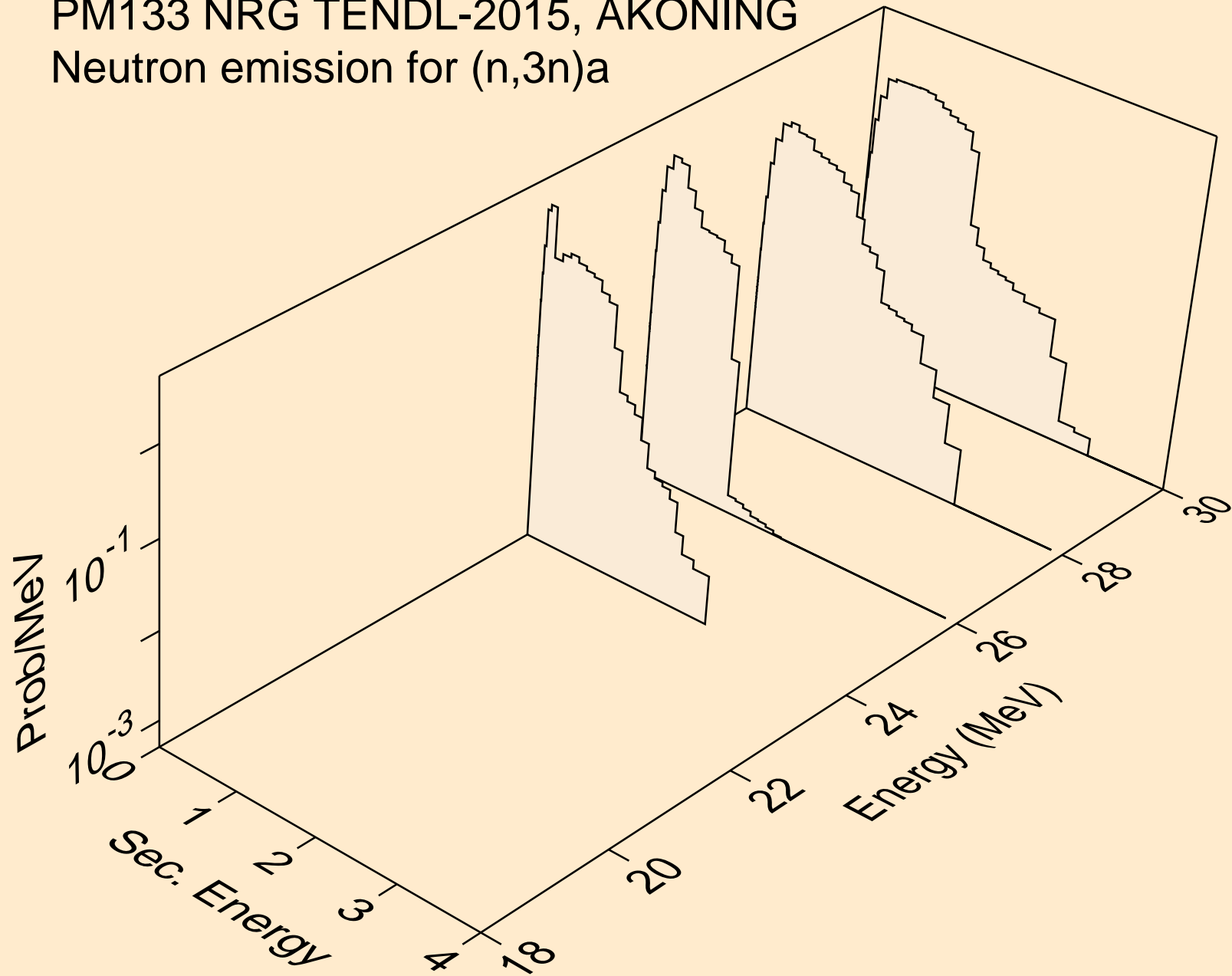
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



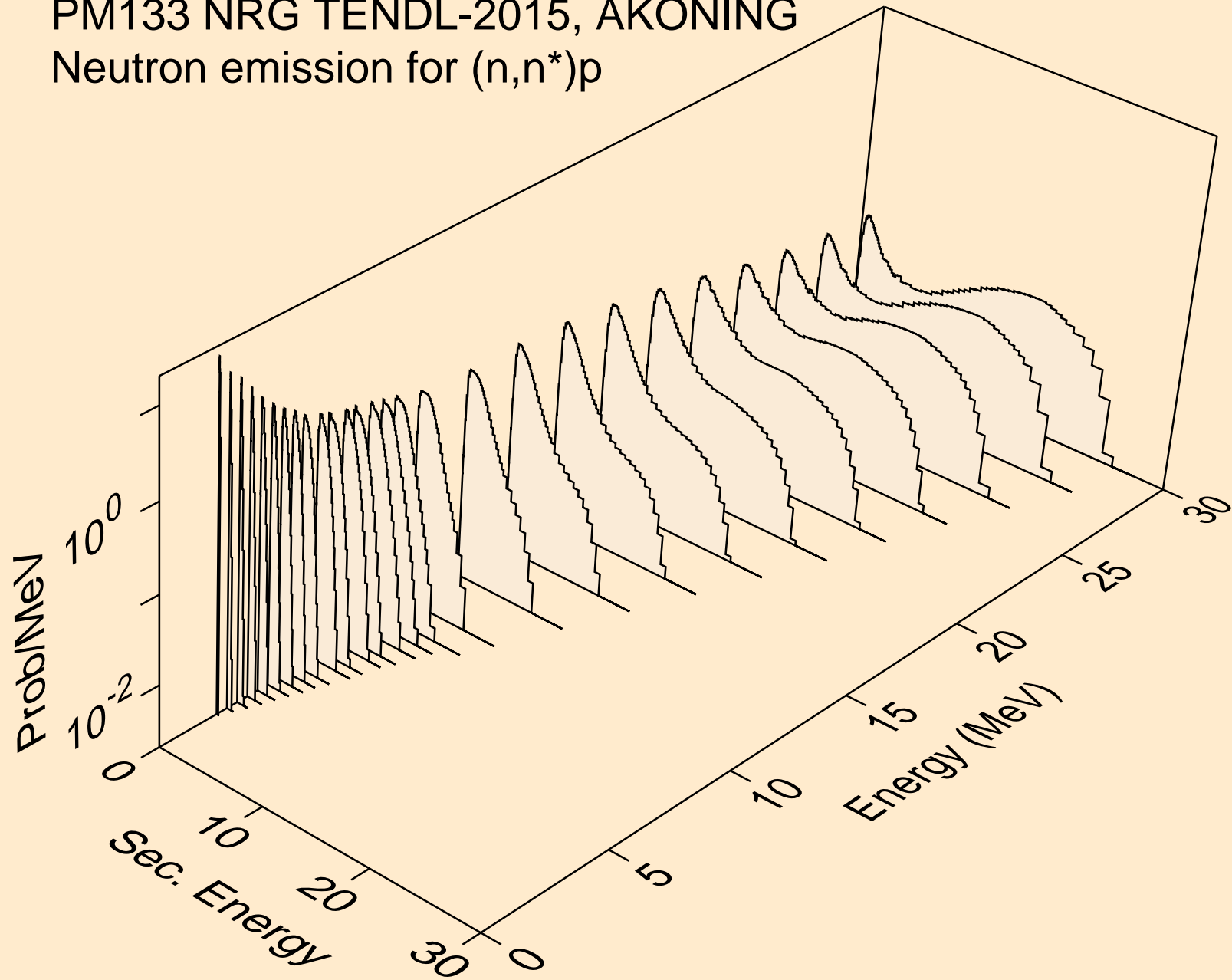
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



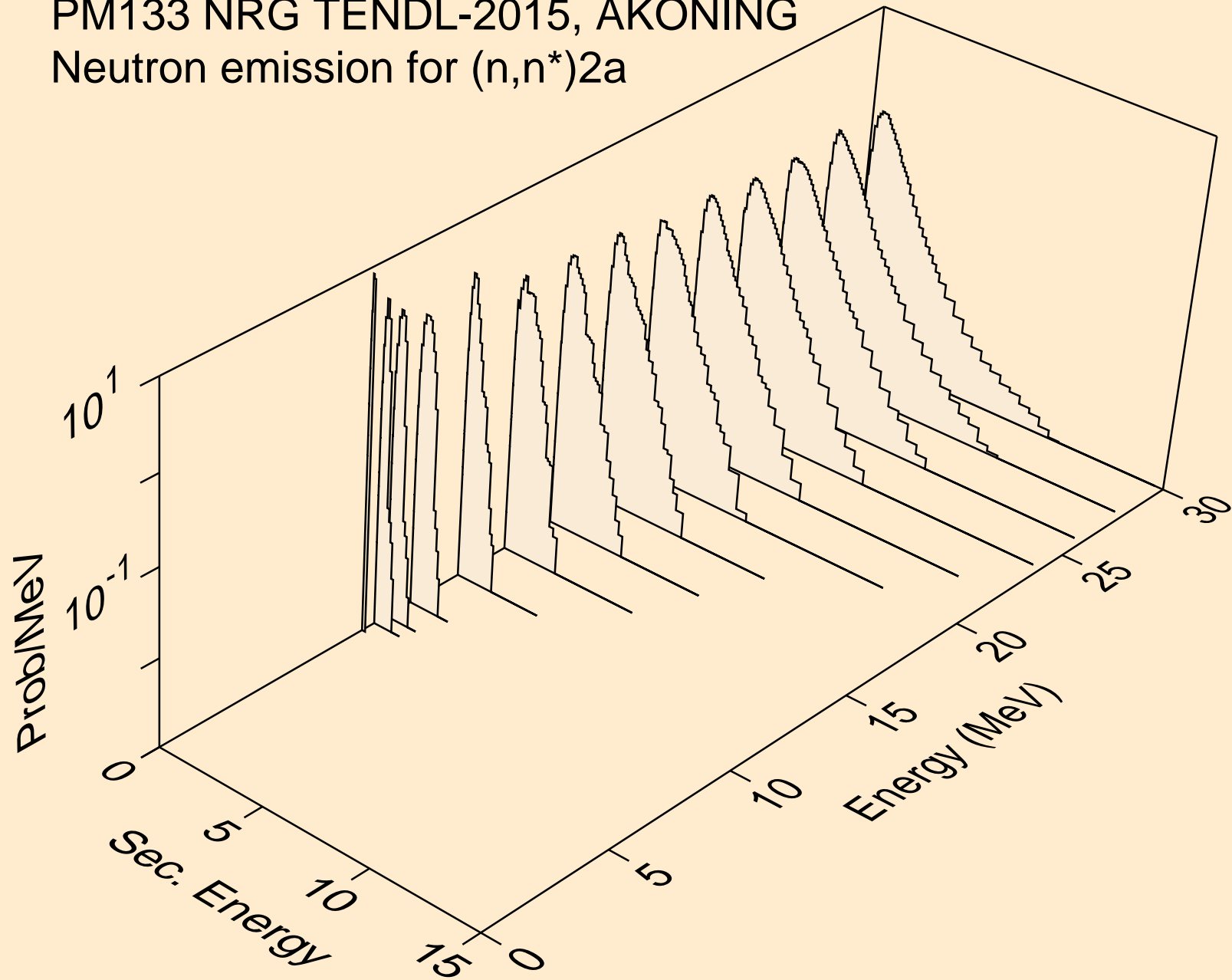
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

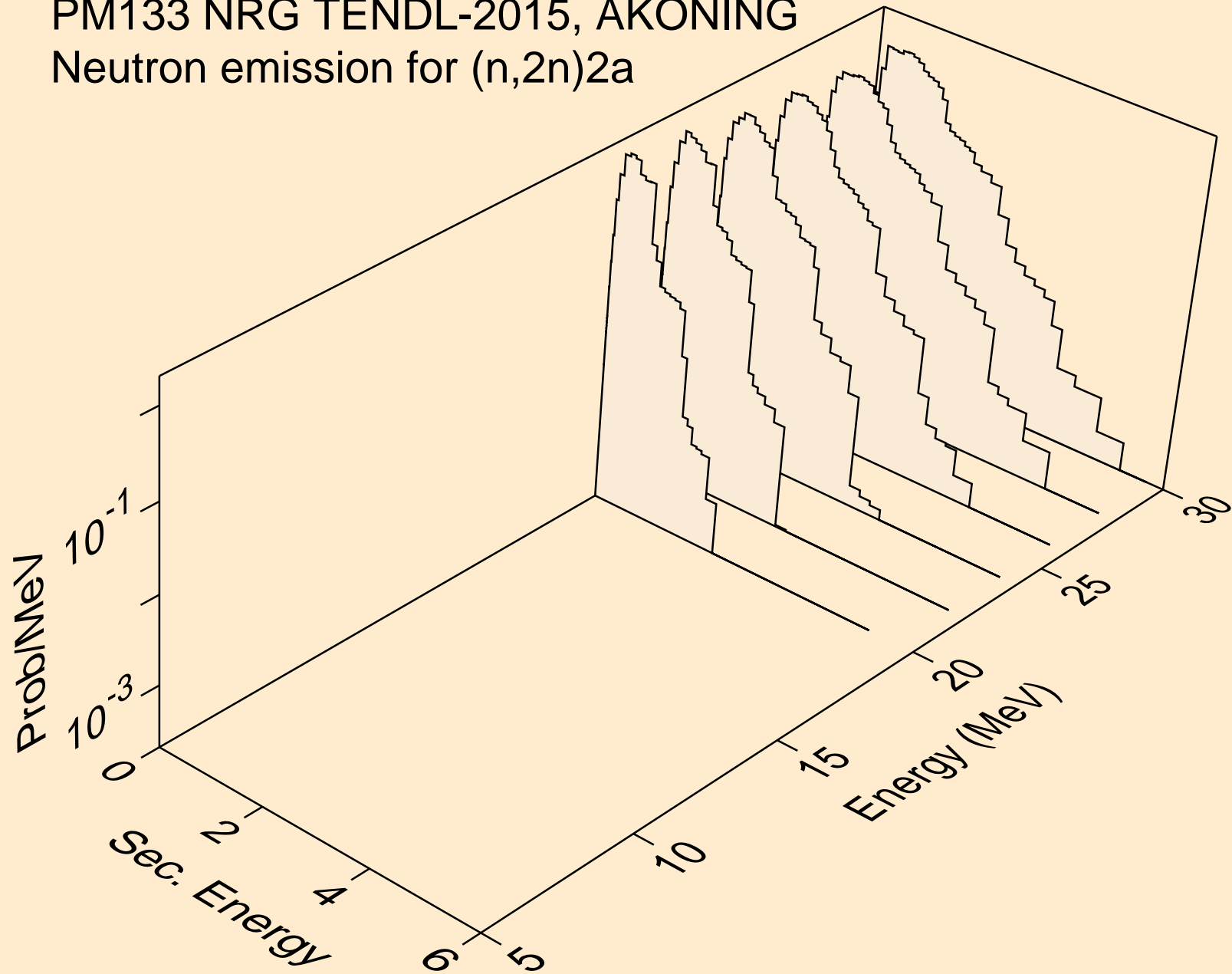


PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

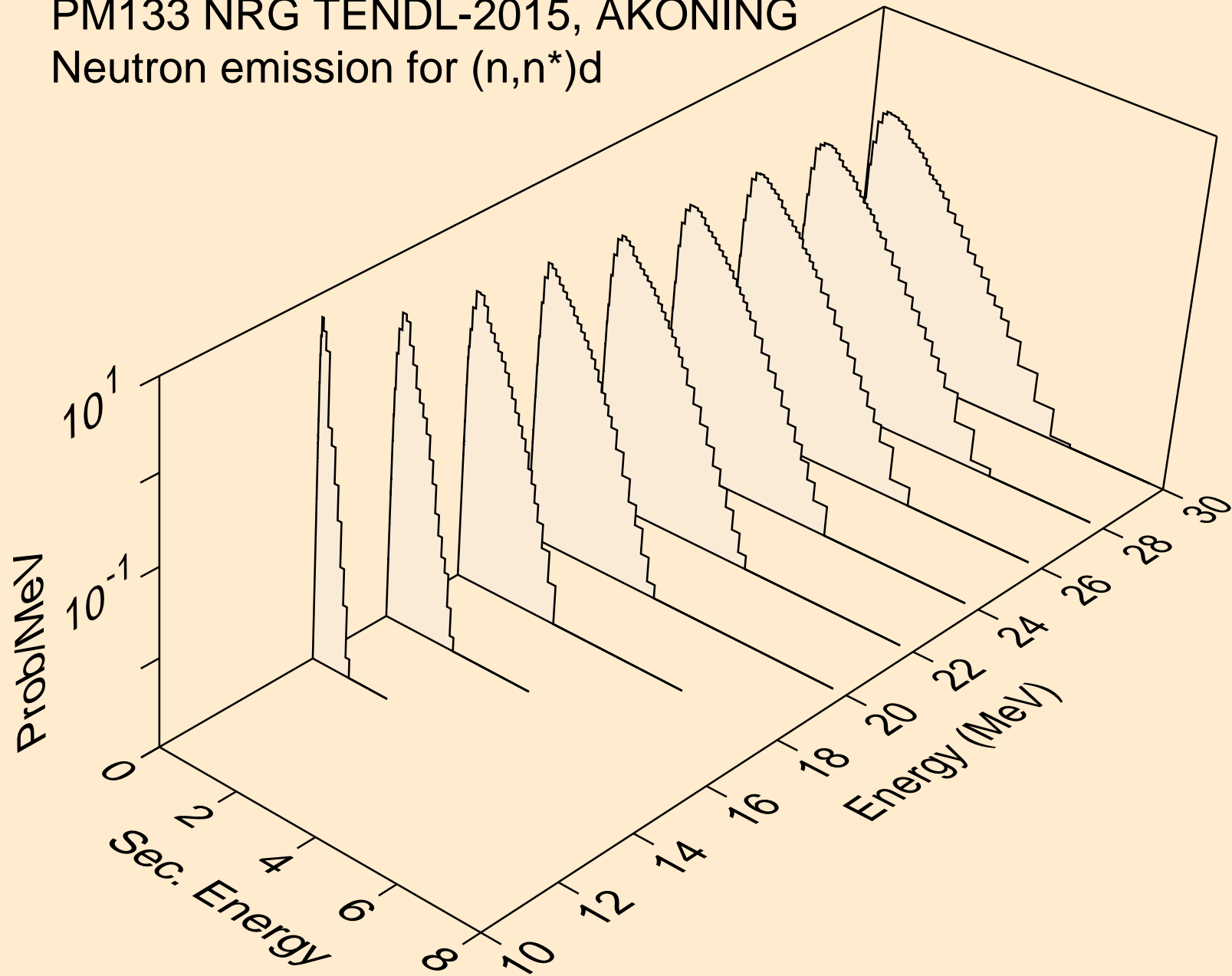




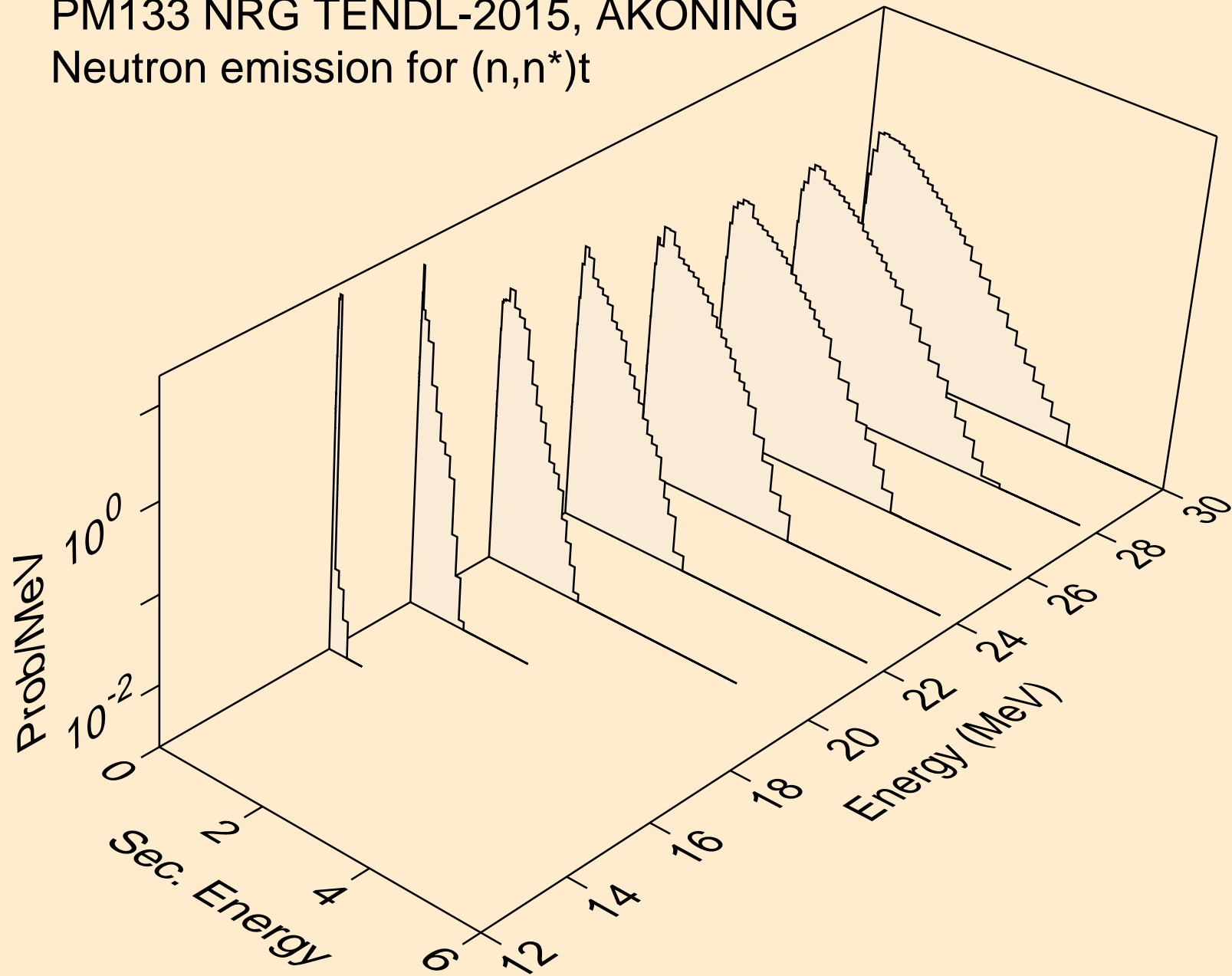
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



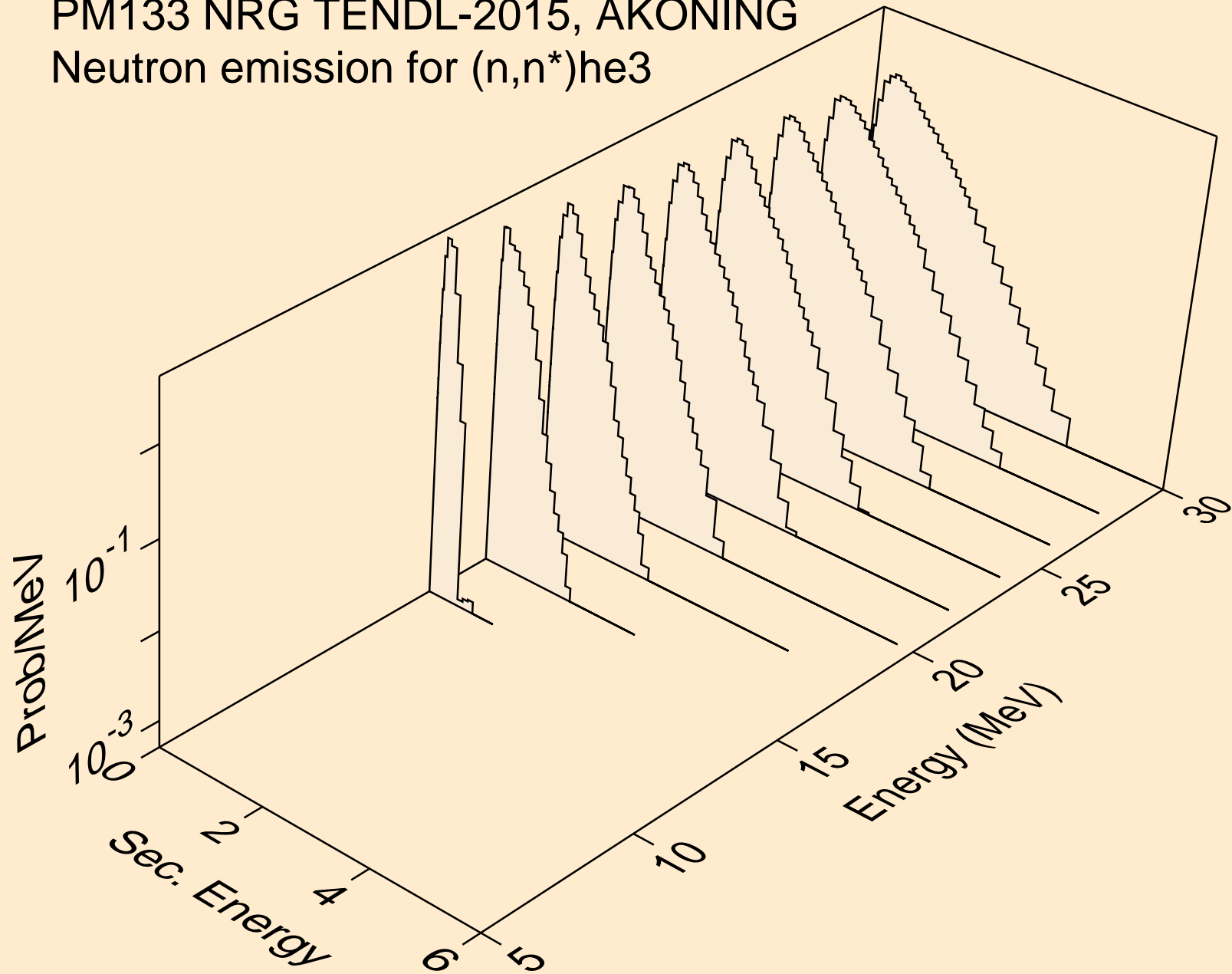
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



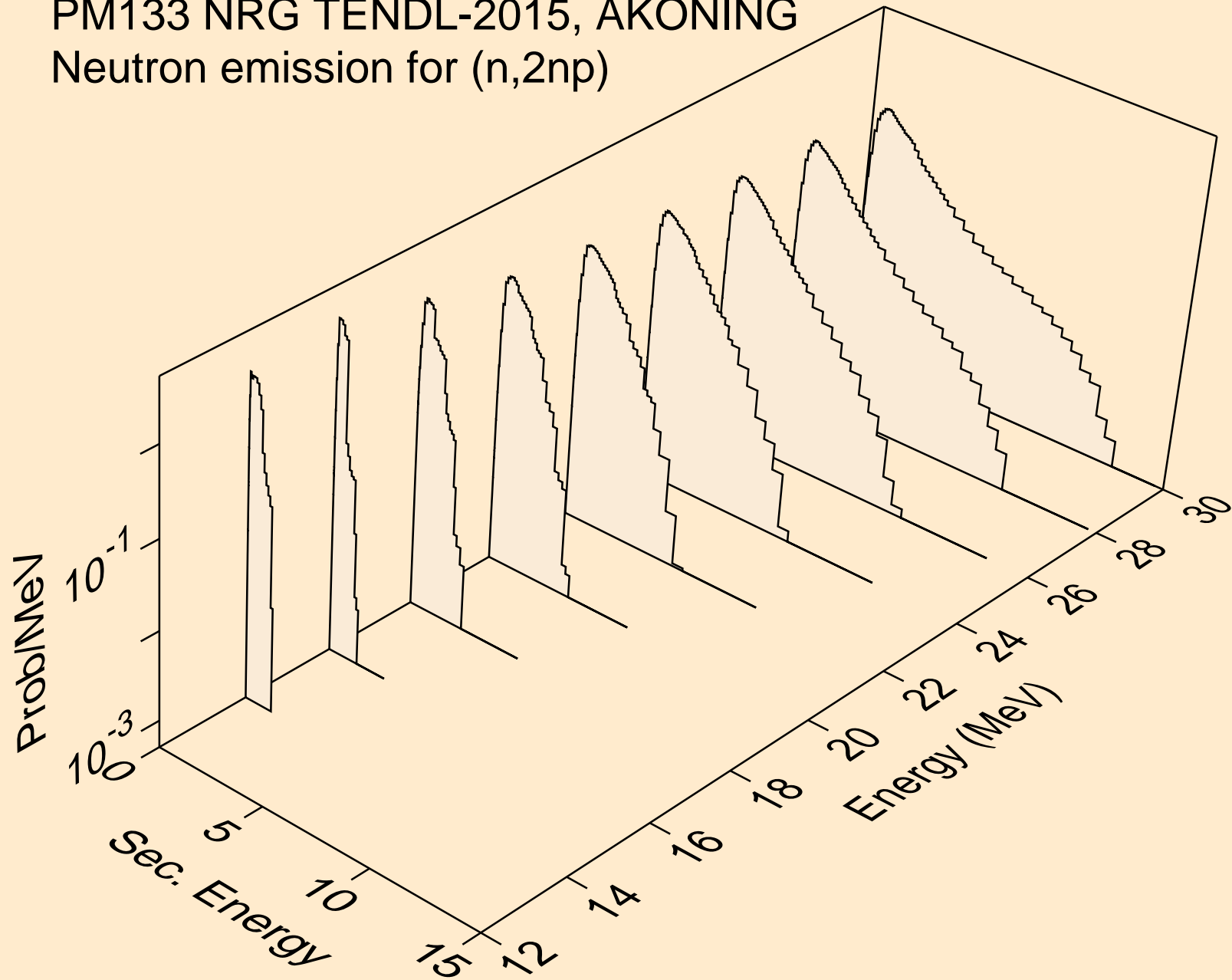
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



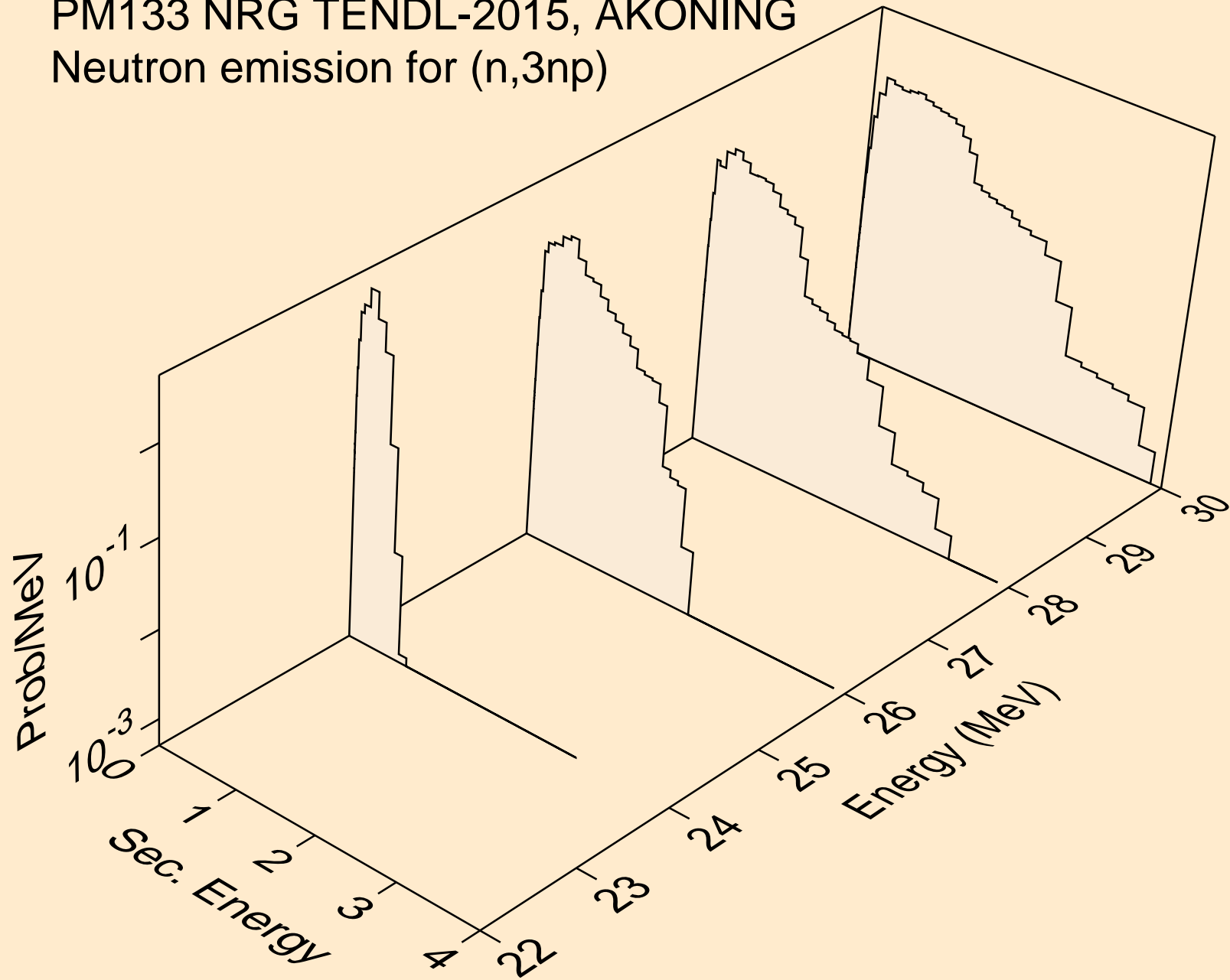
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



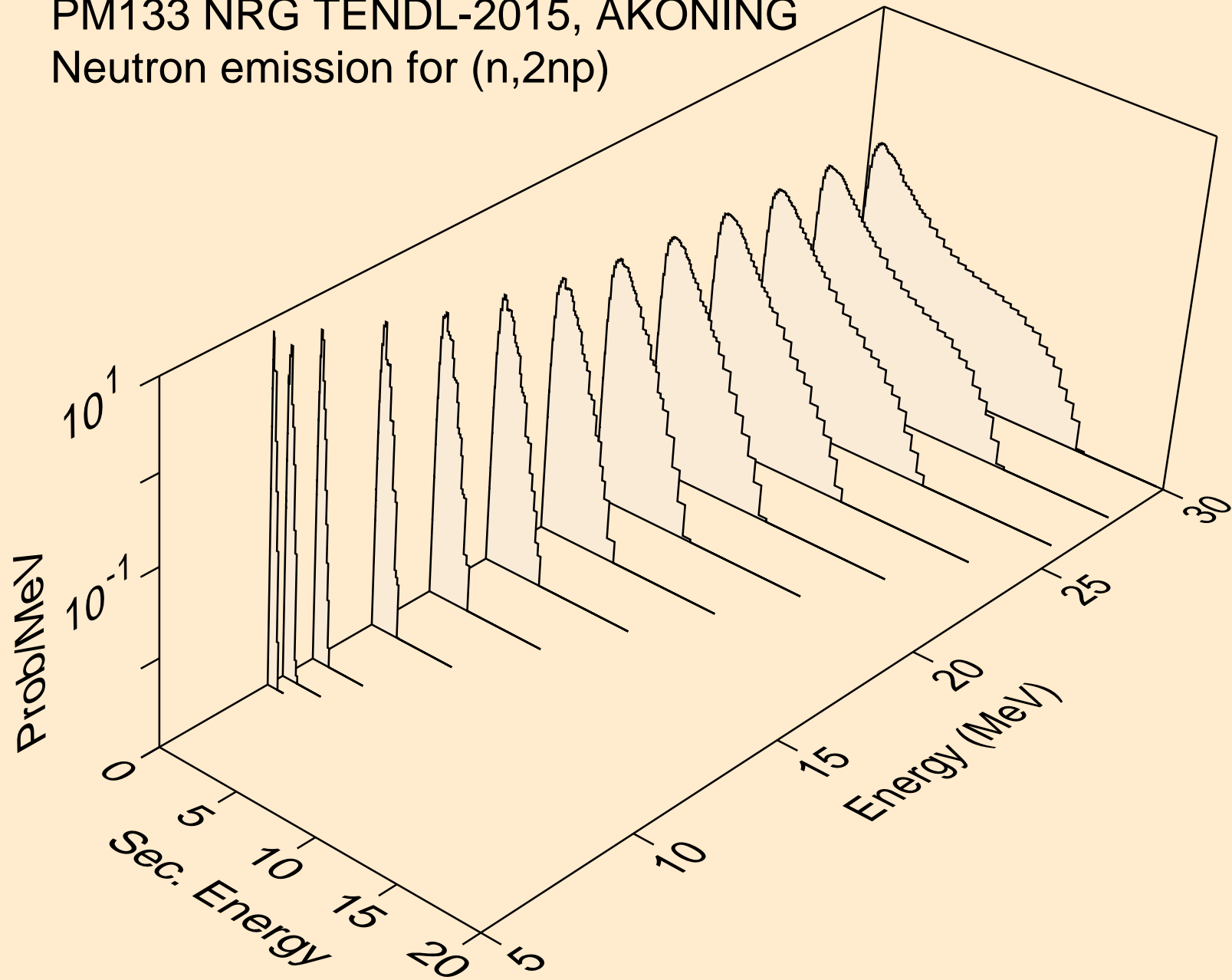
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



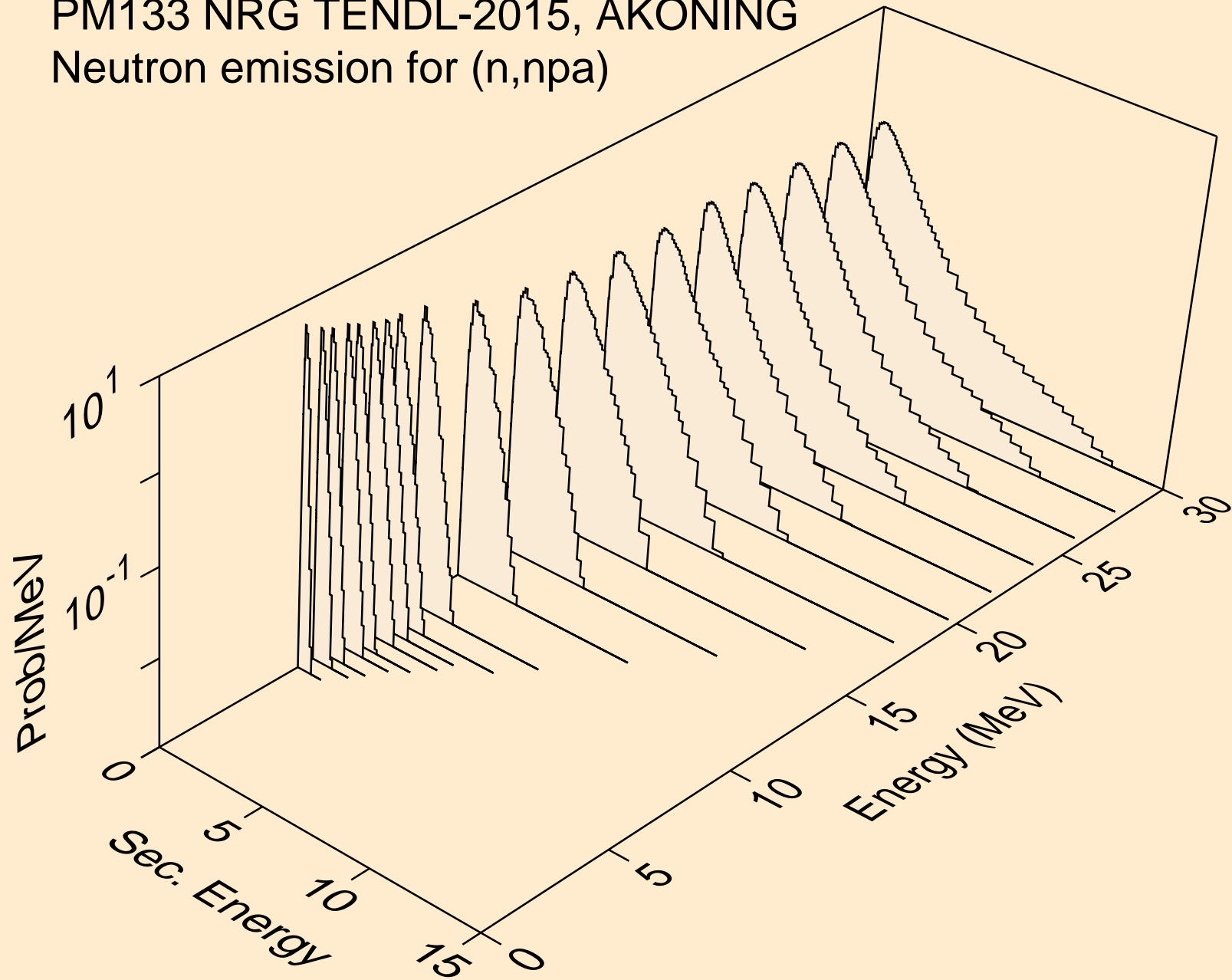
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

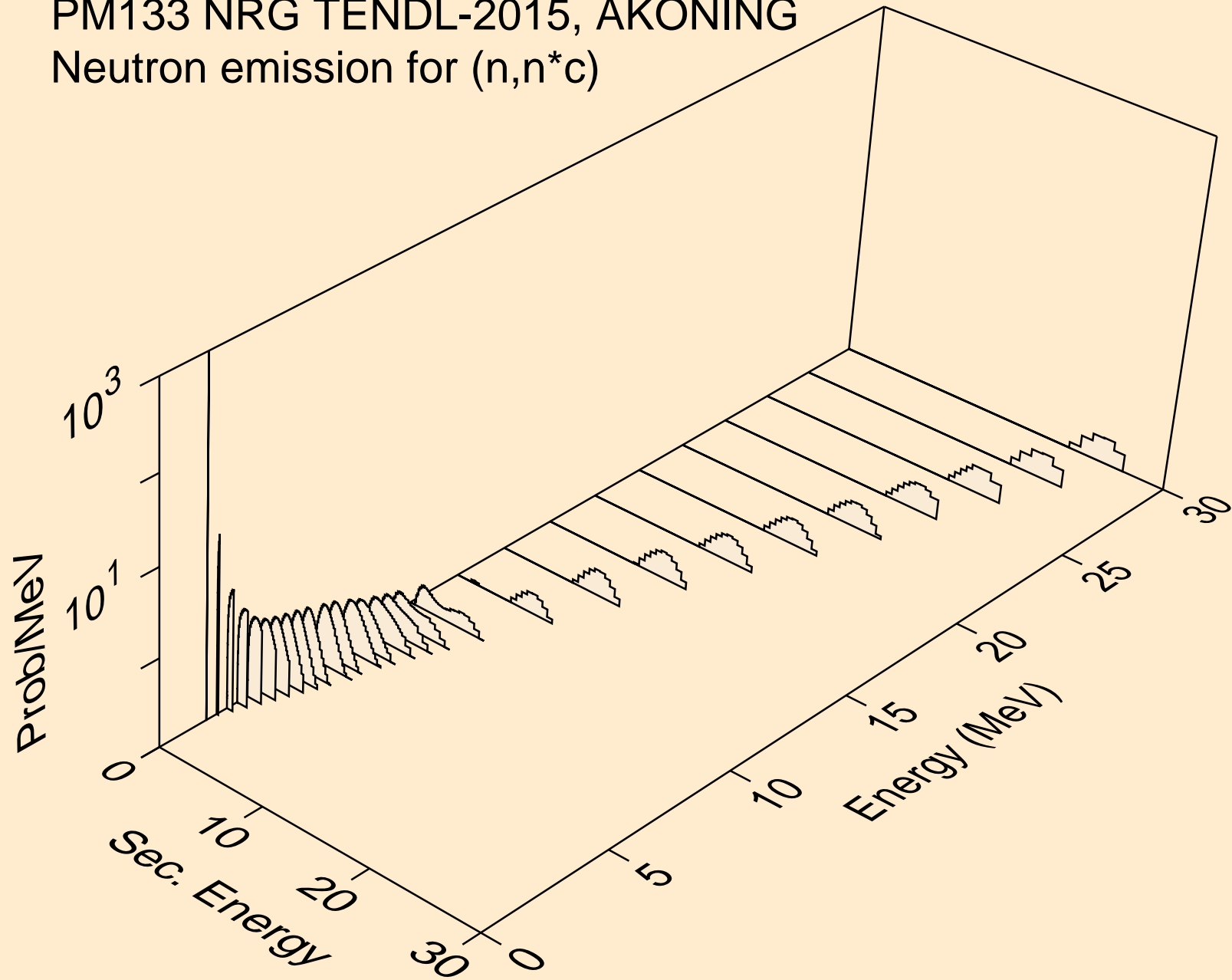


PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

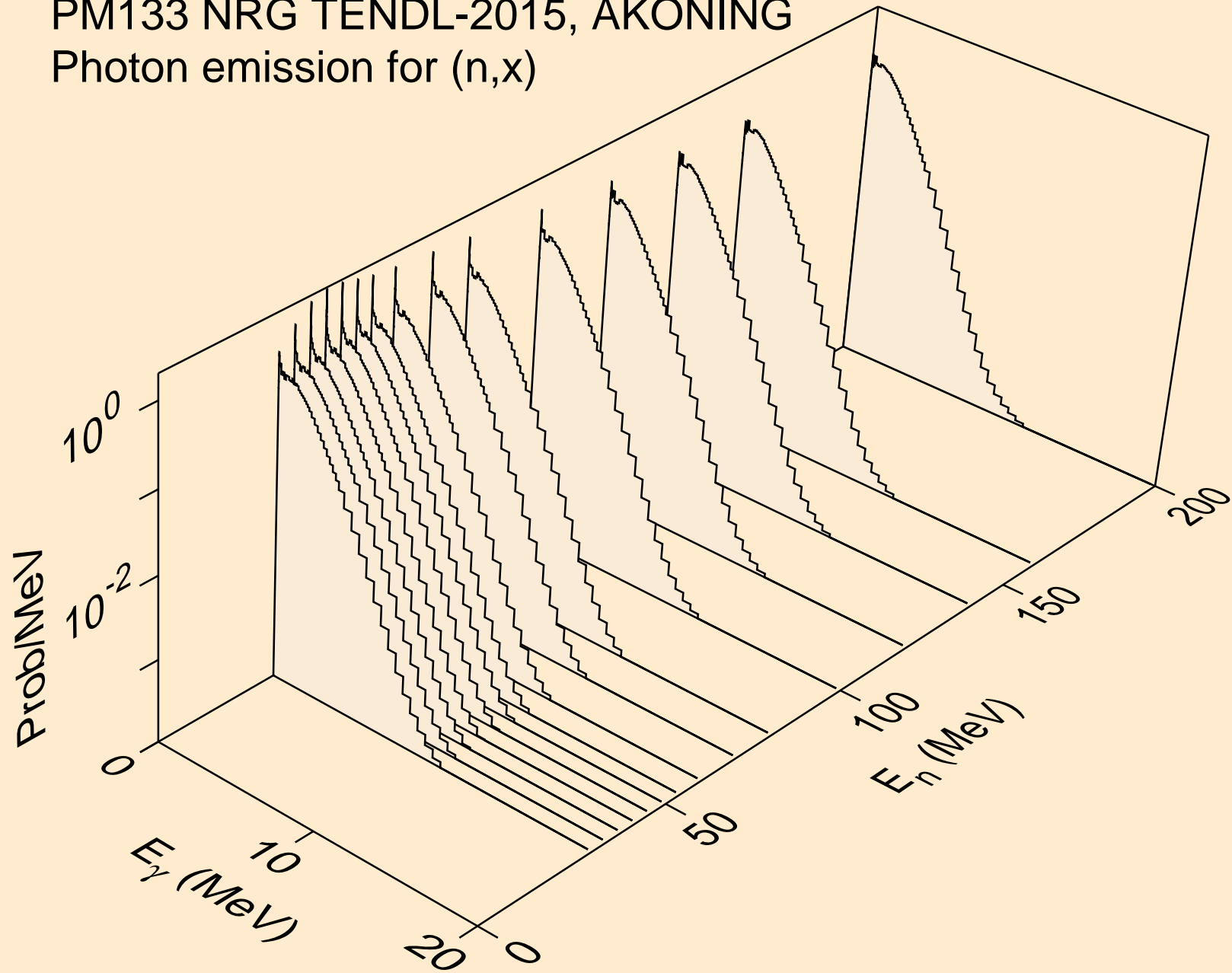




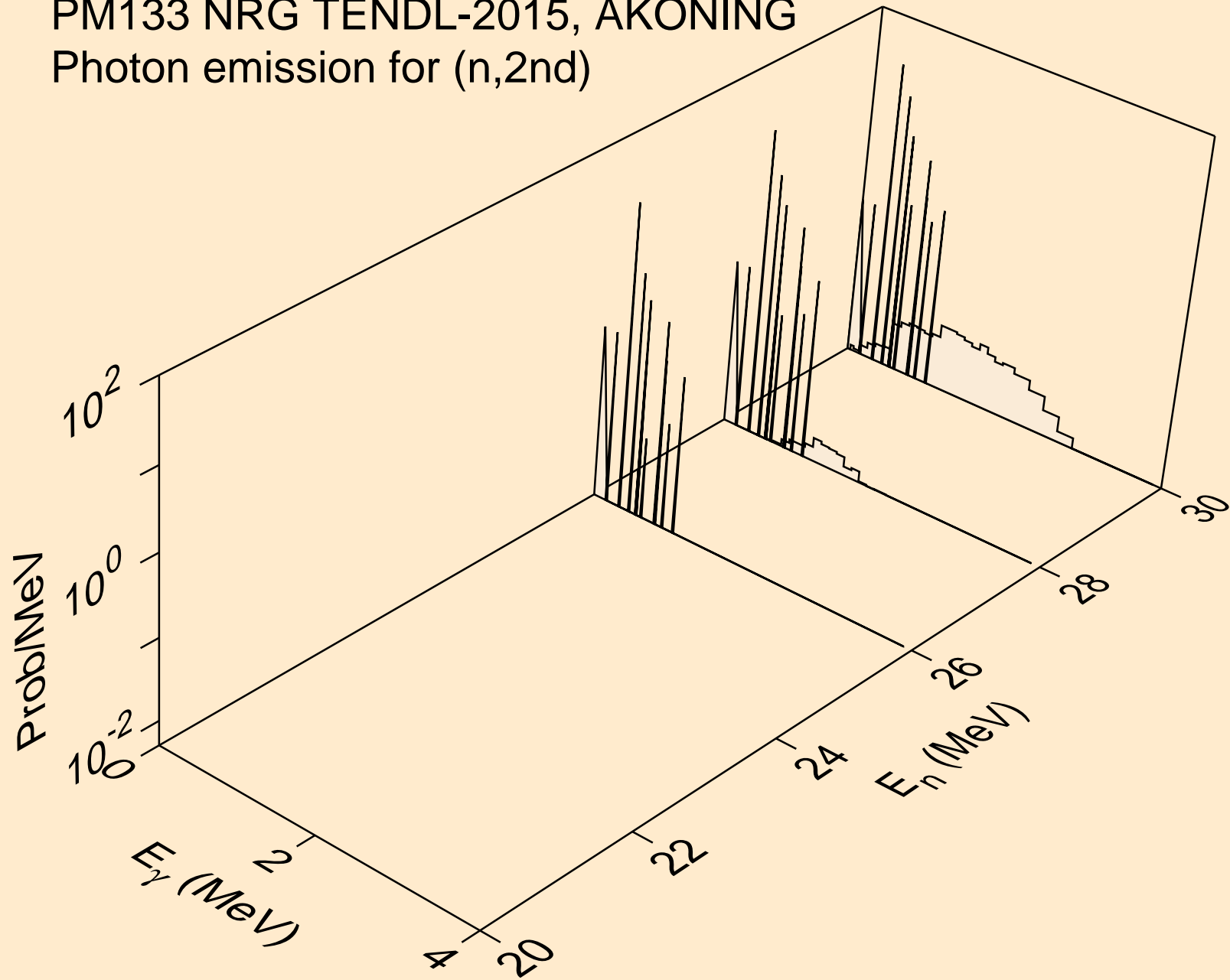
PM133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



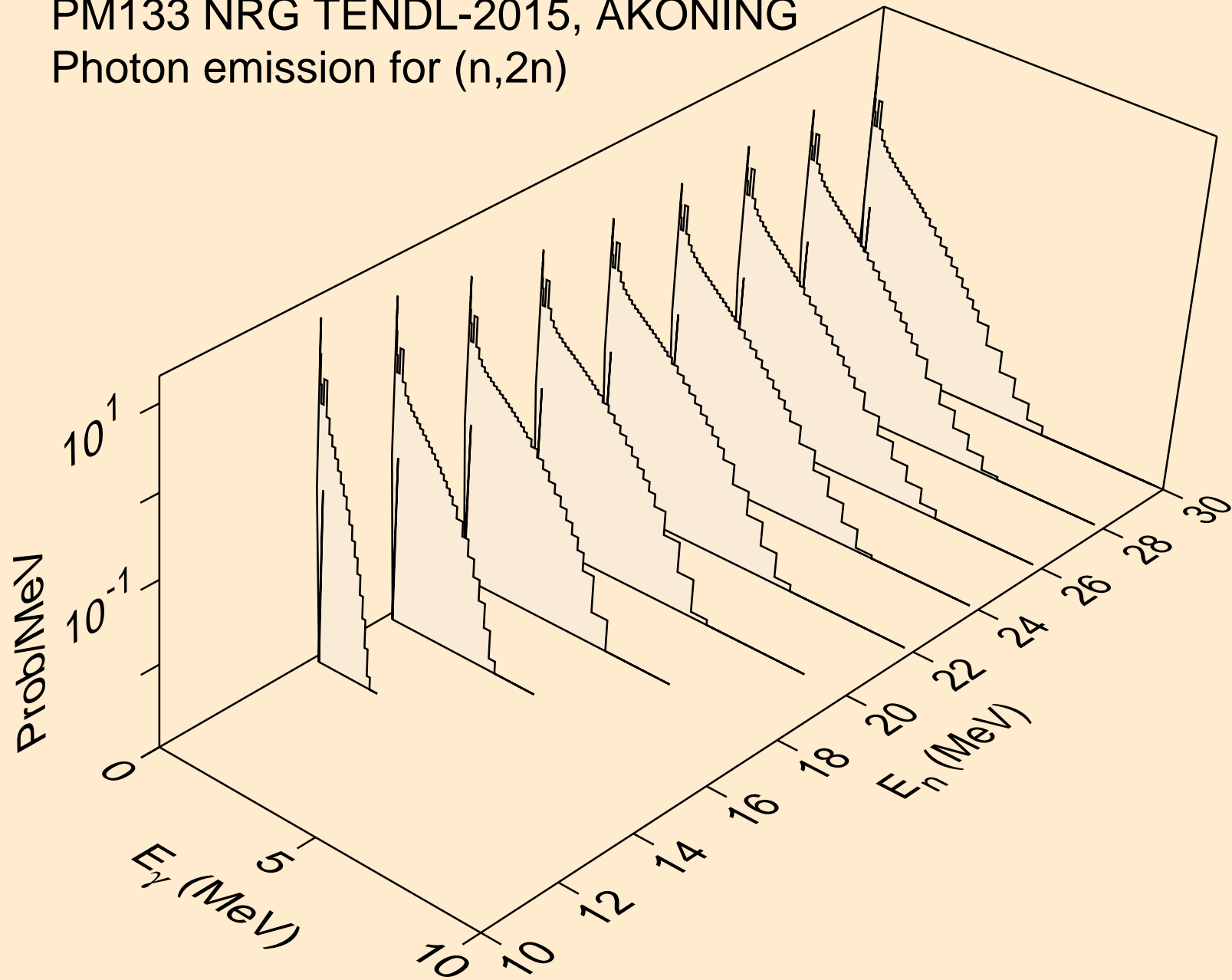
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



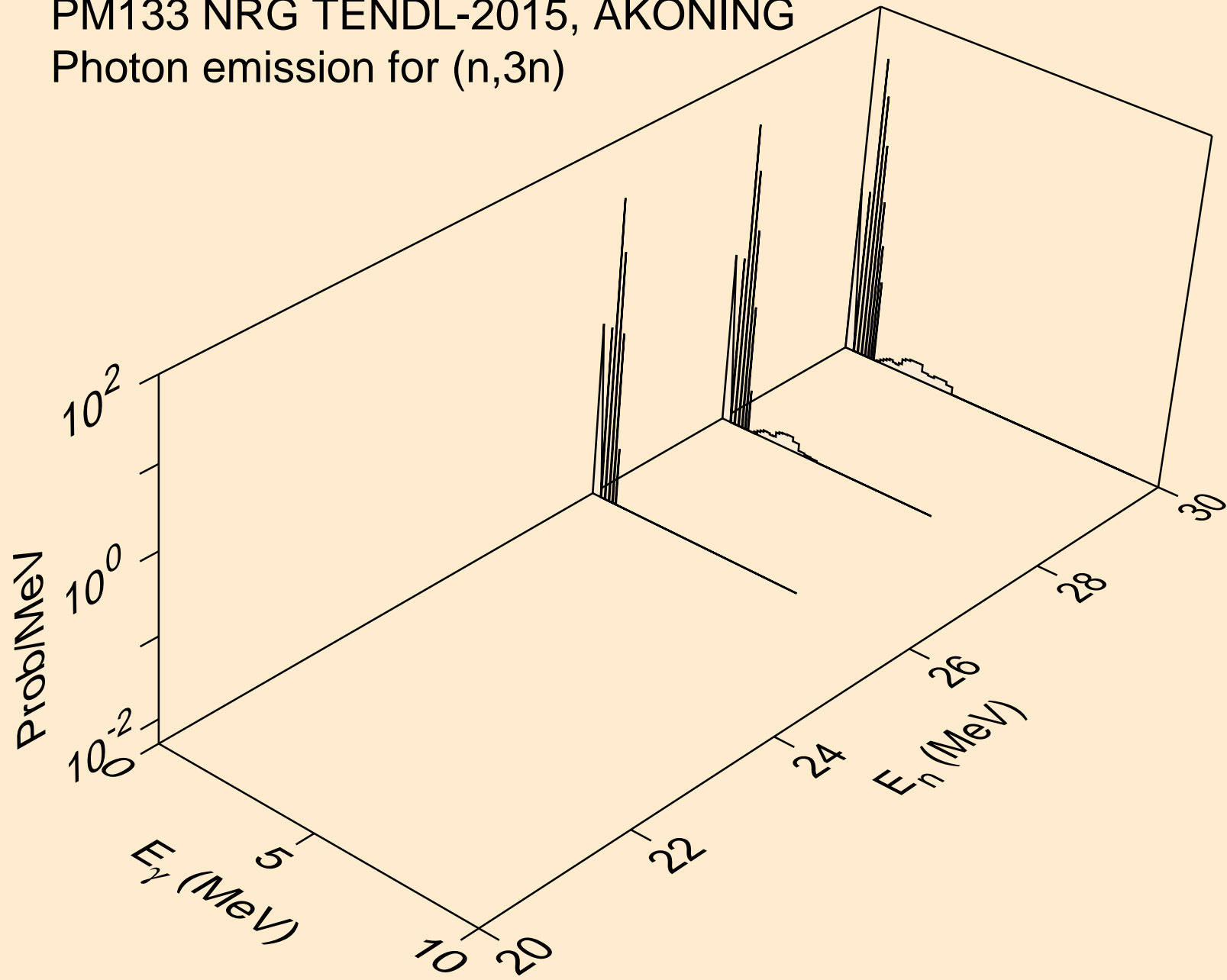
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



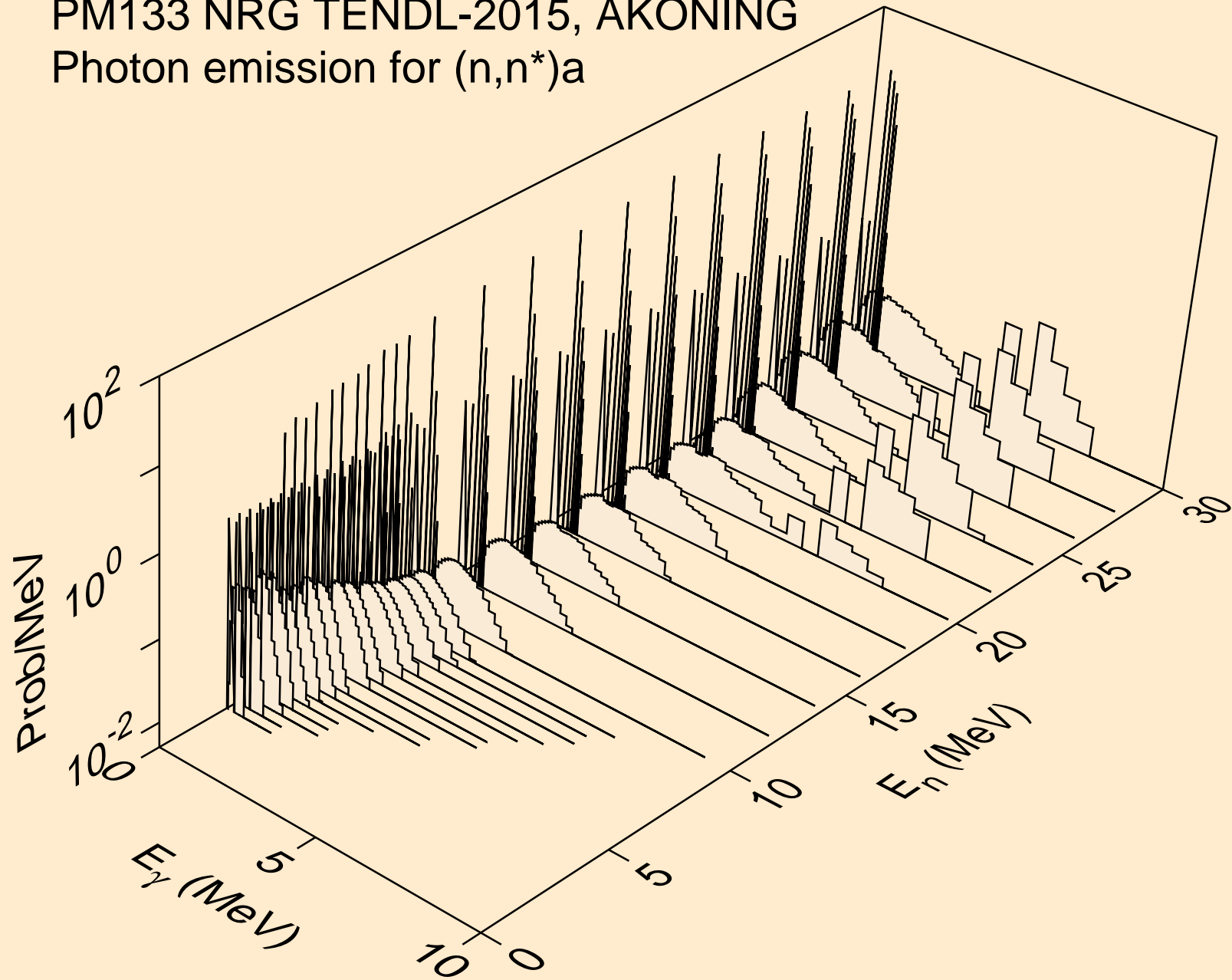
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



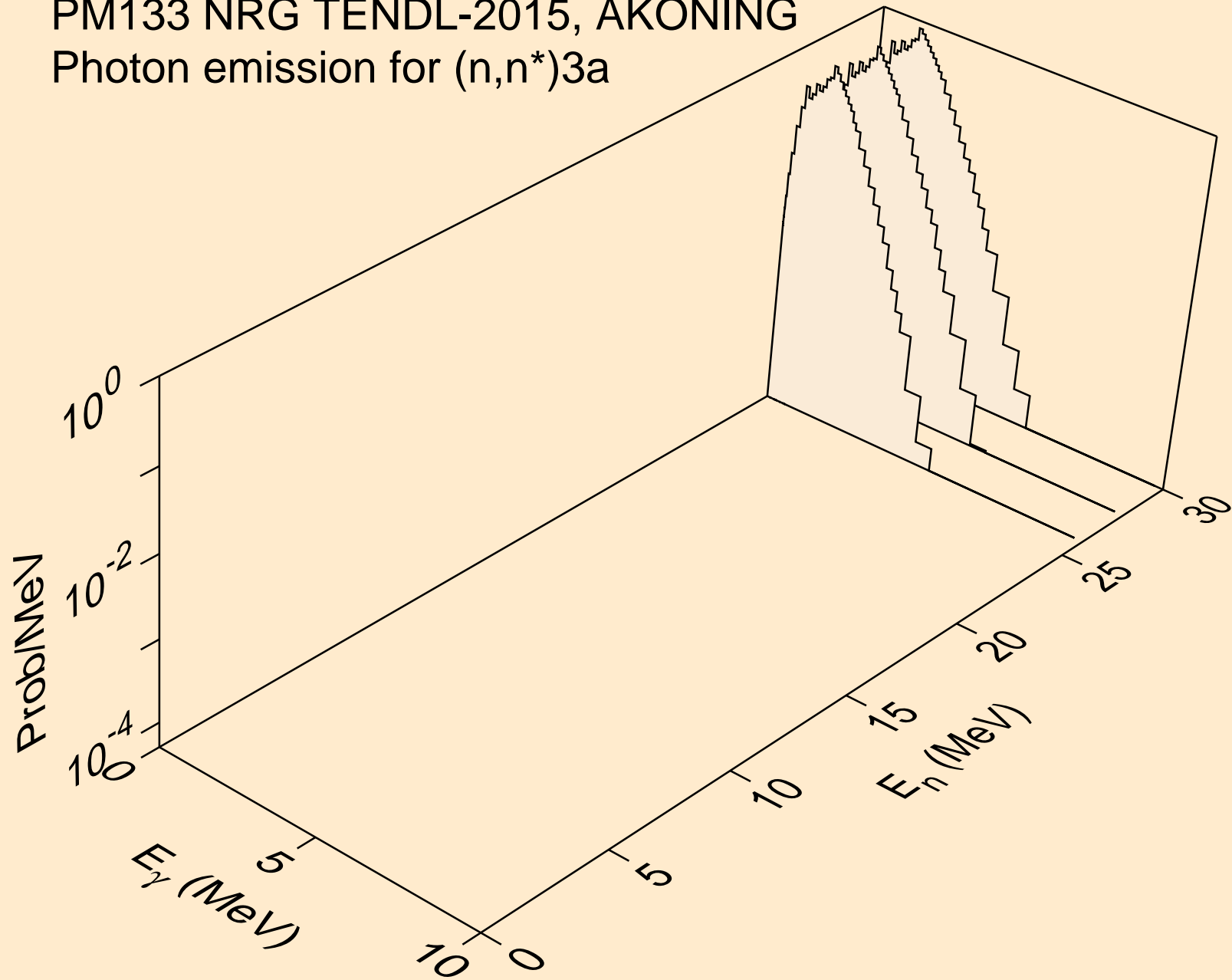
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



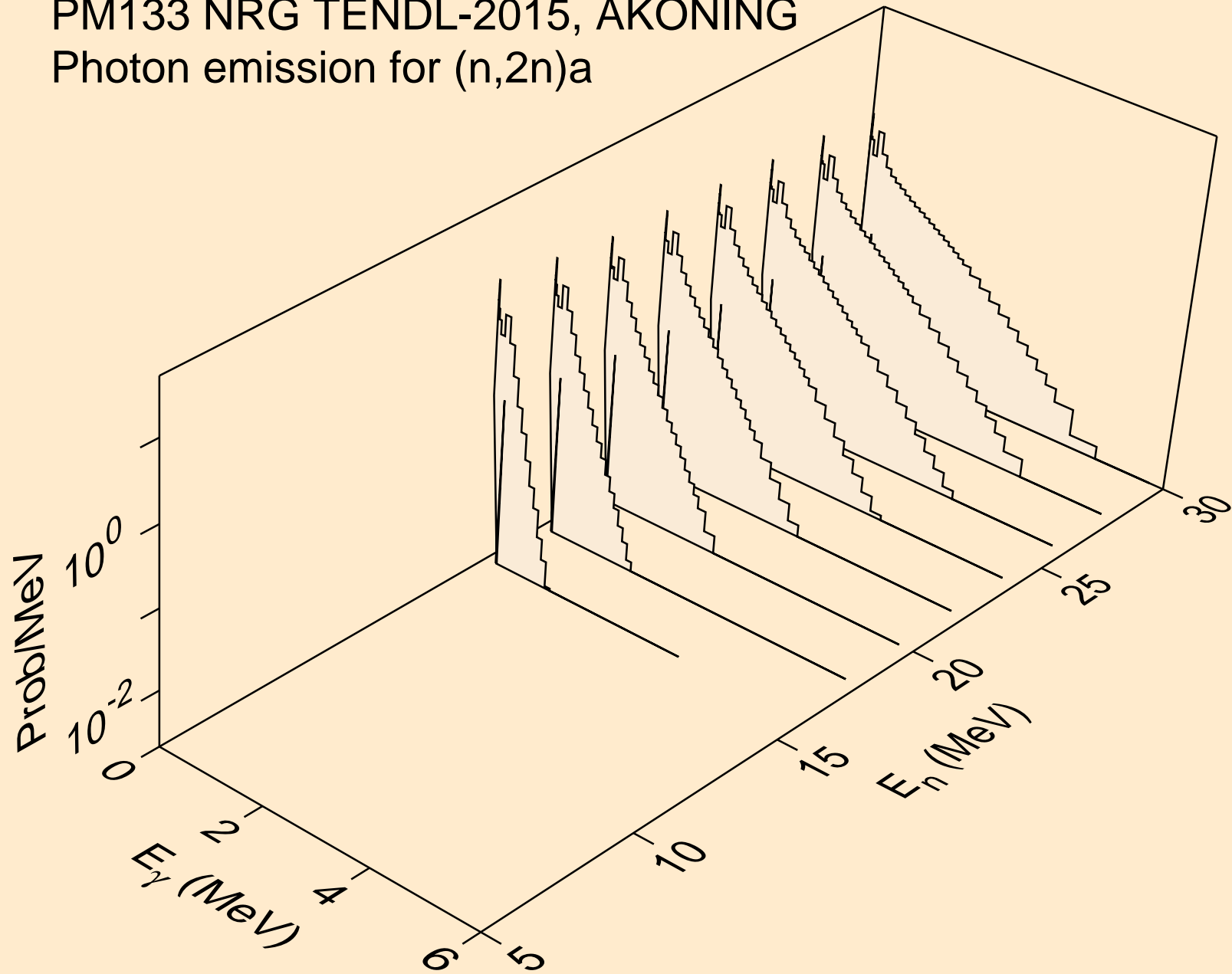
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

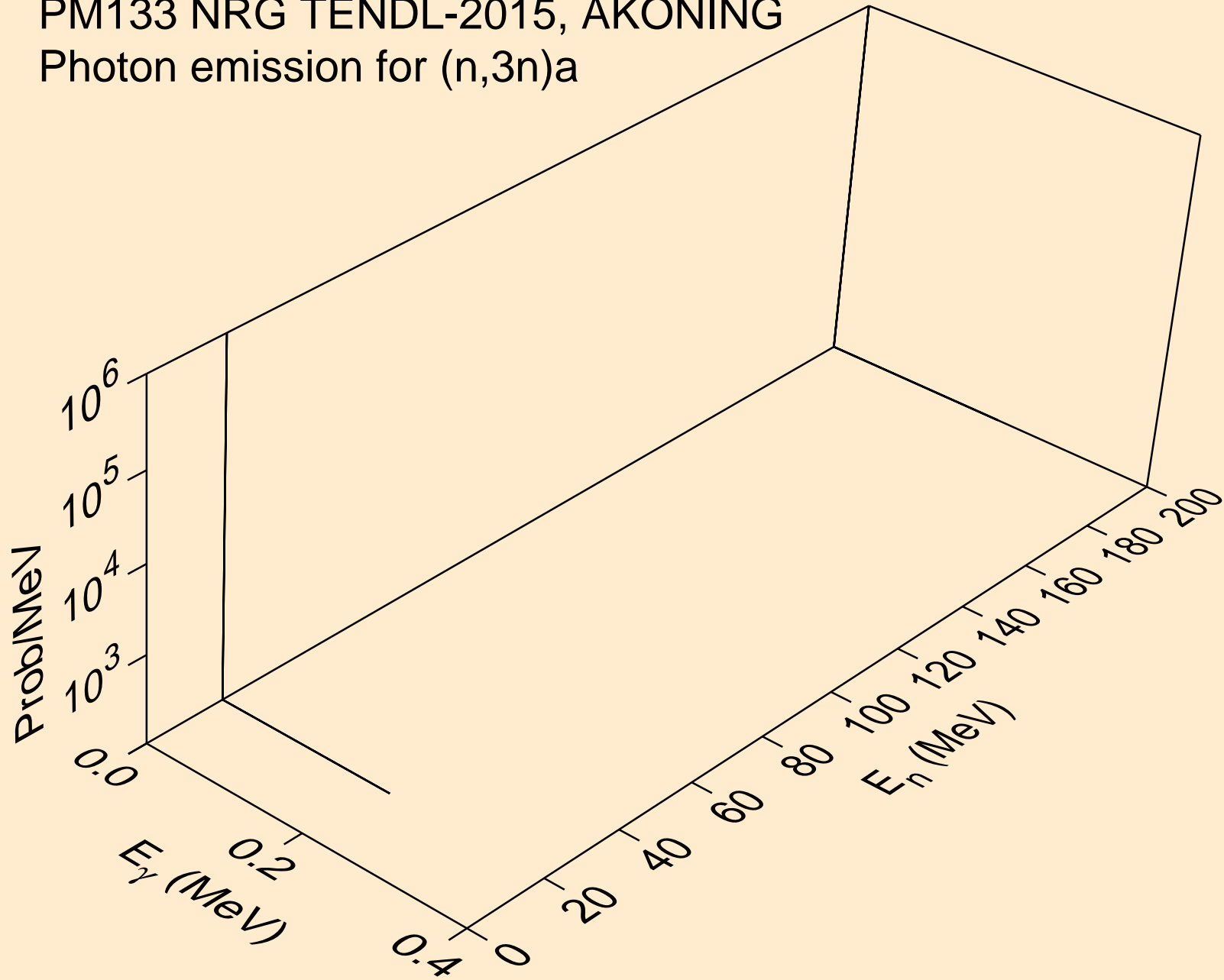


PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

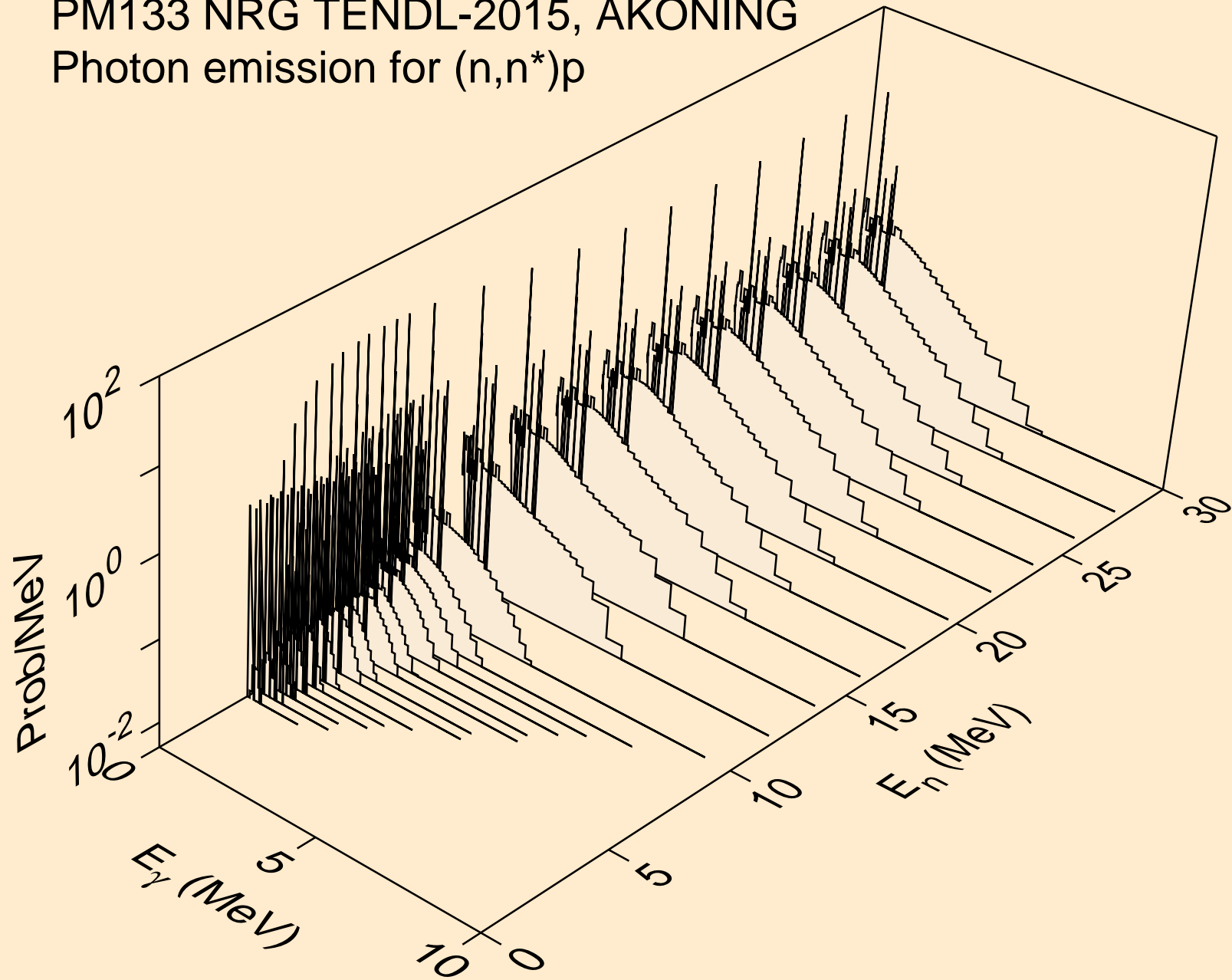




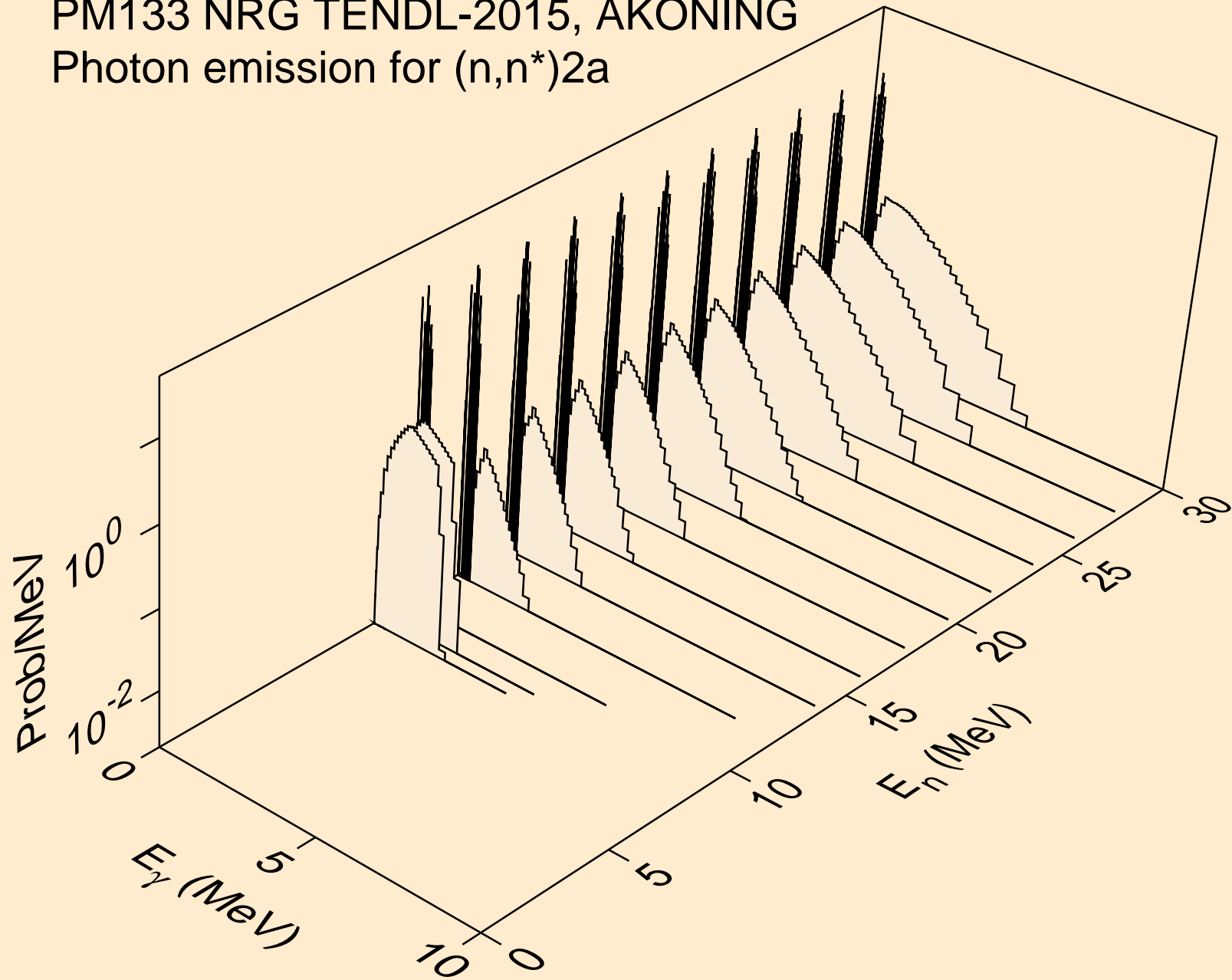
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



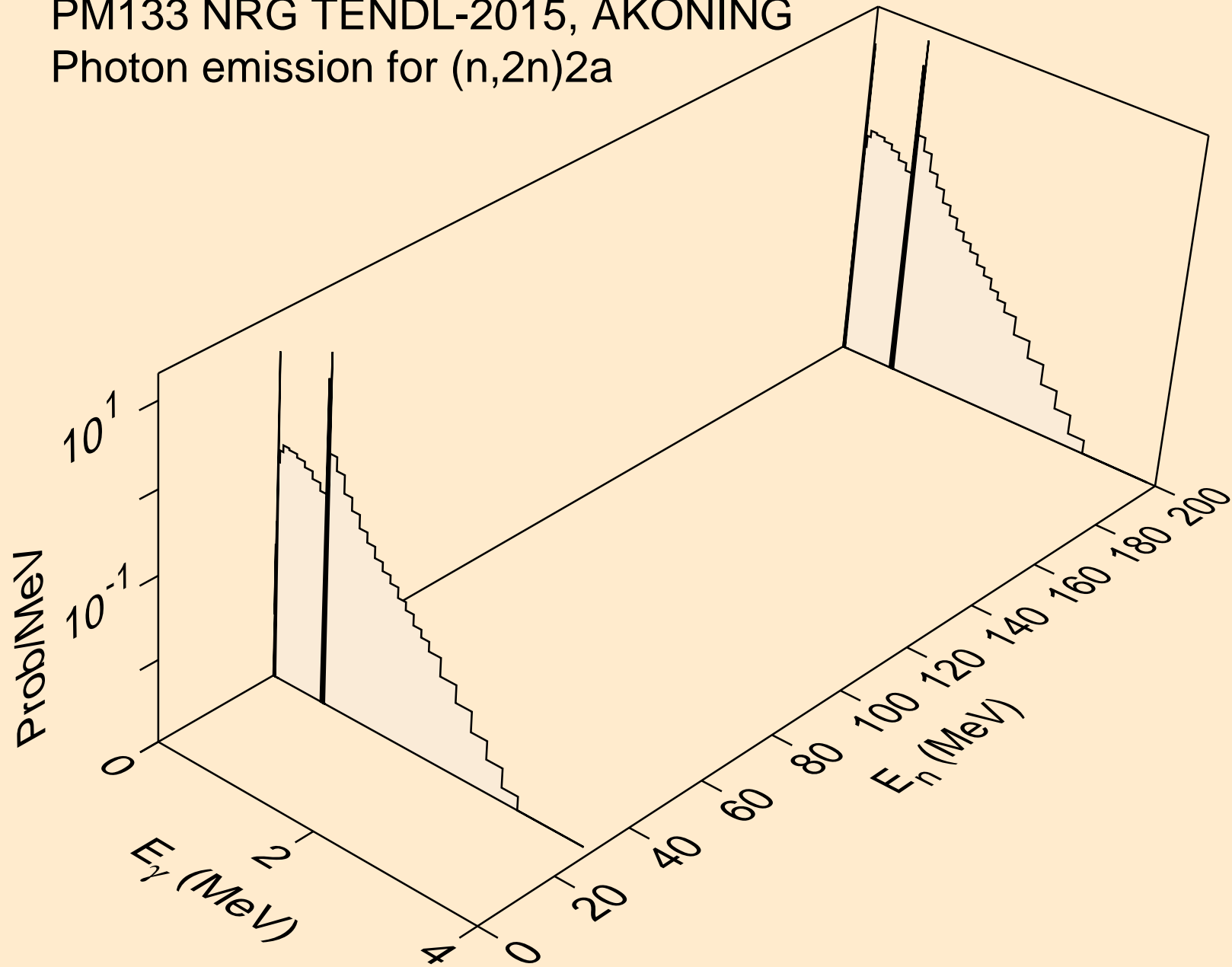
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



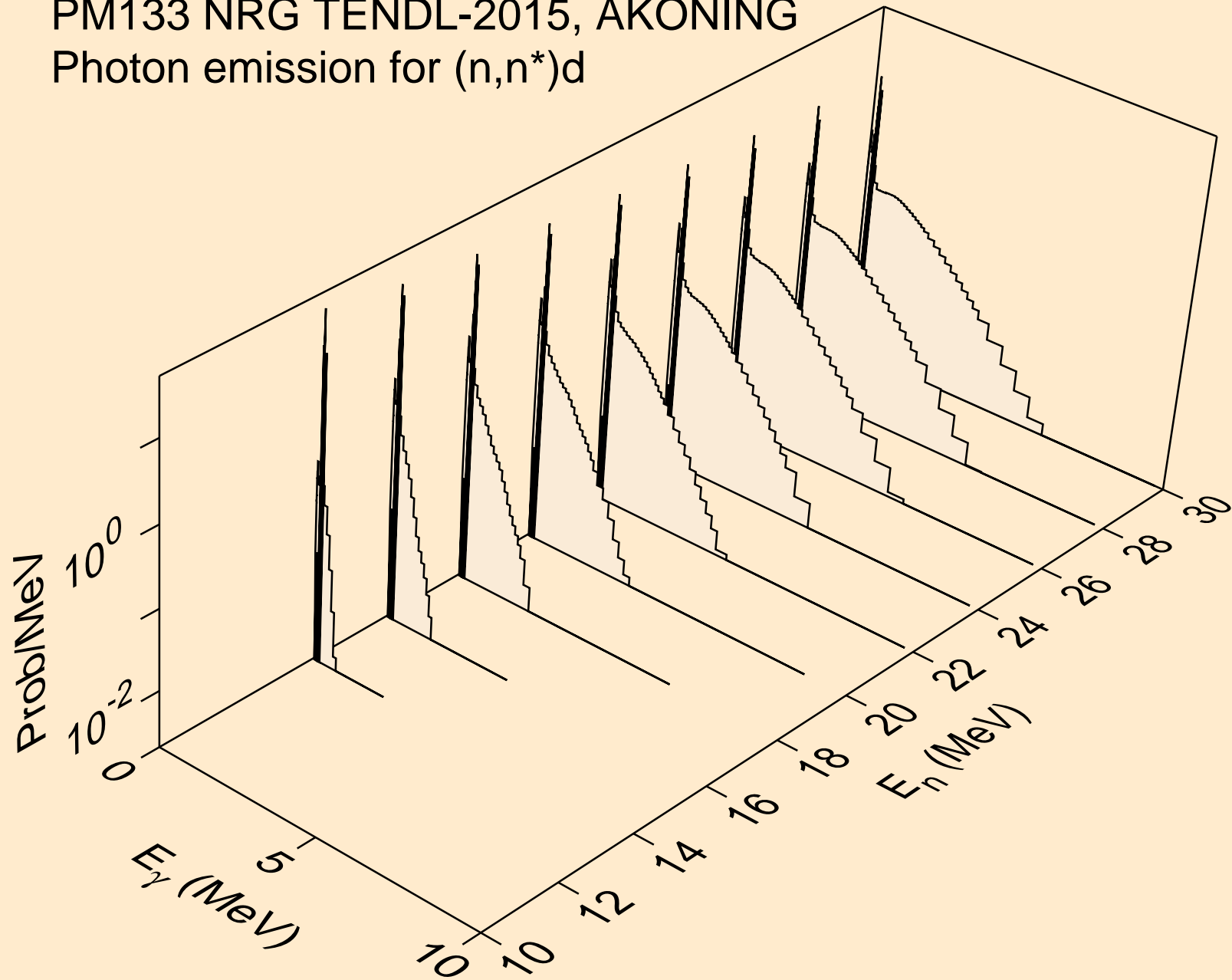
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



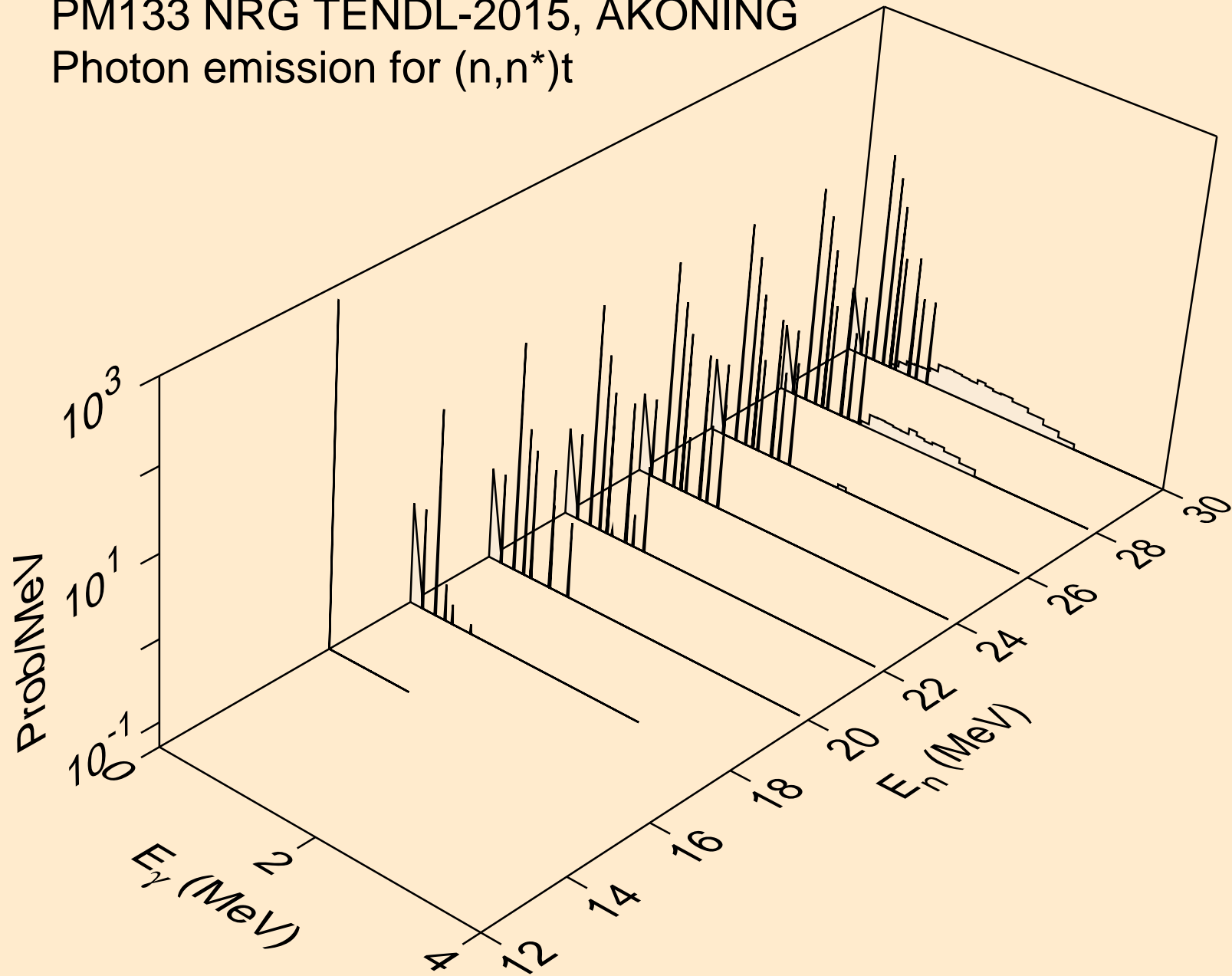
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



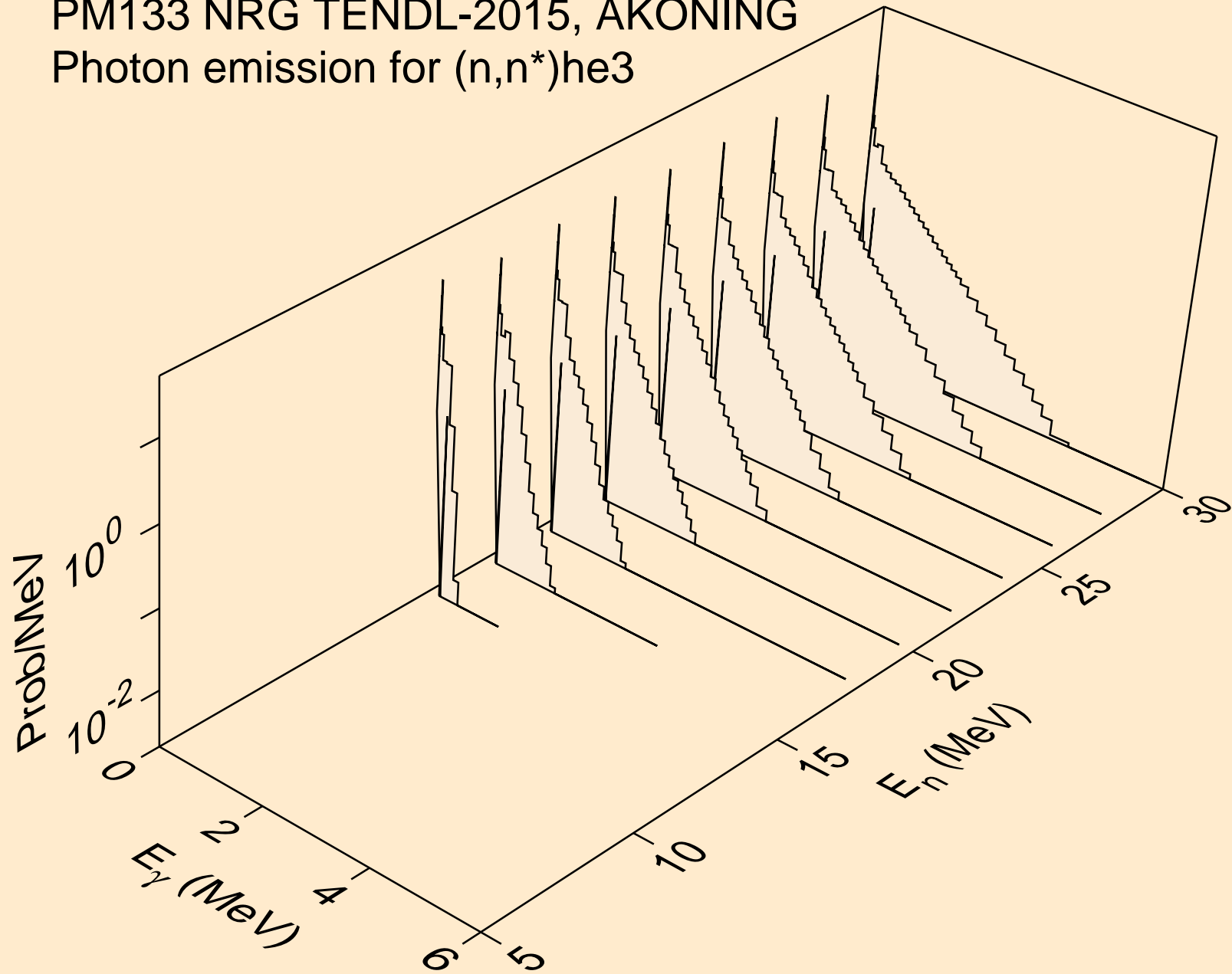
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



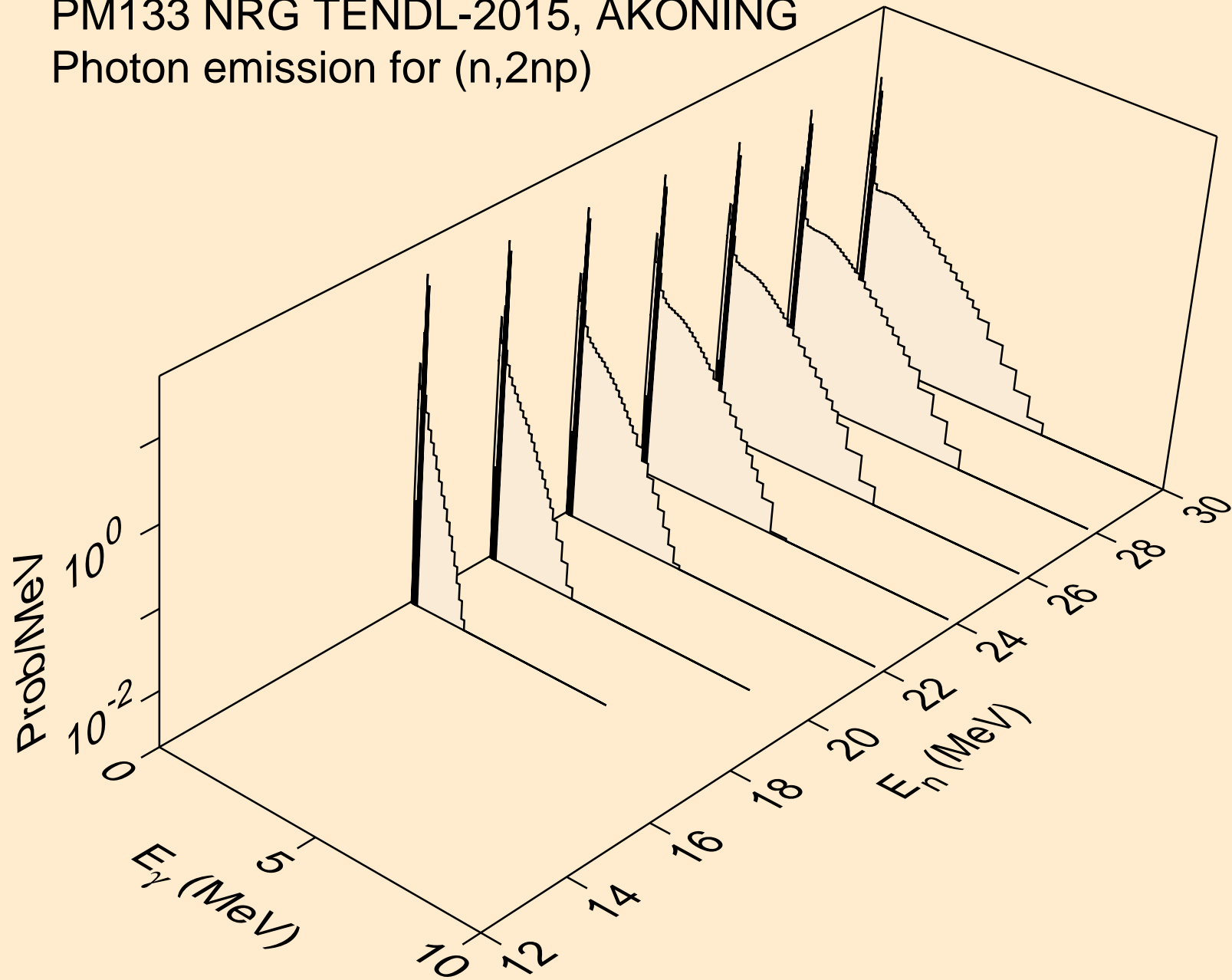
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

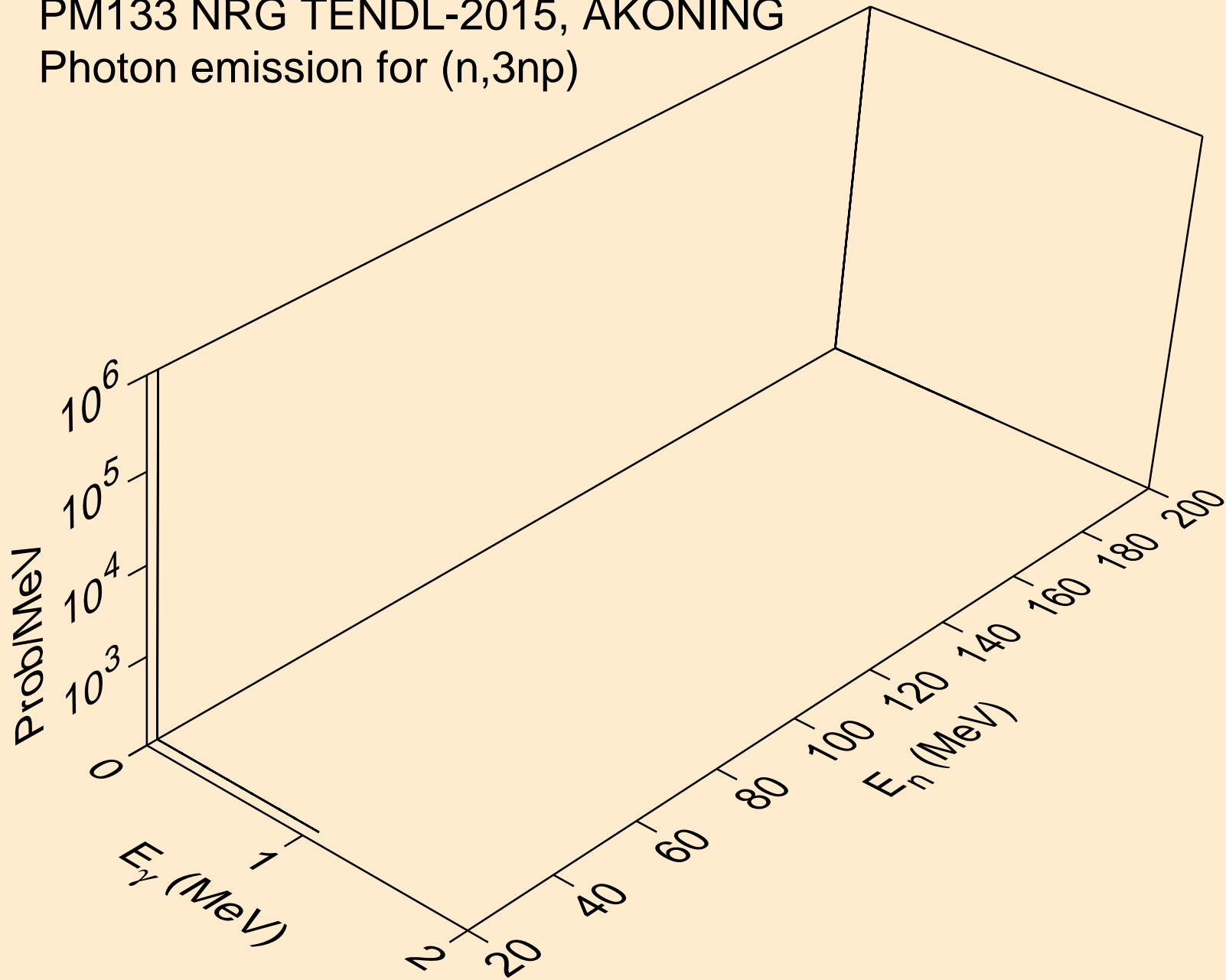


PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

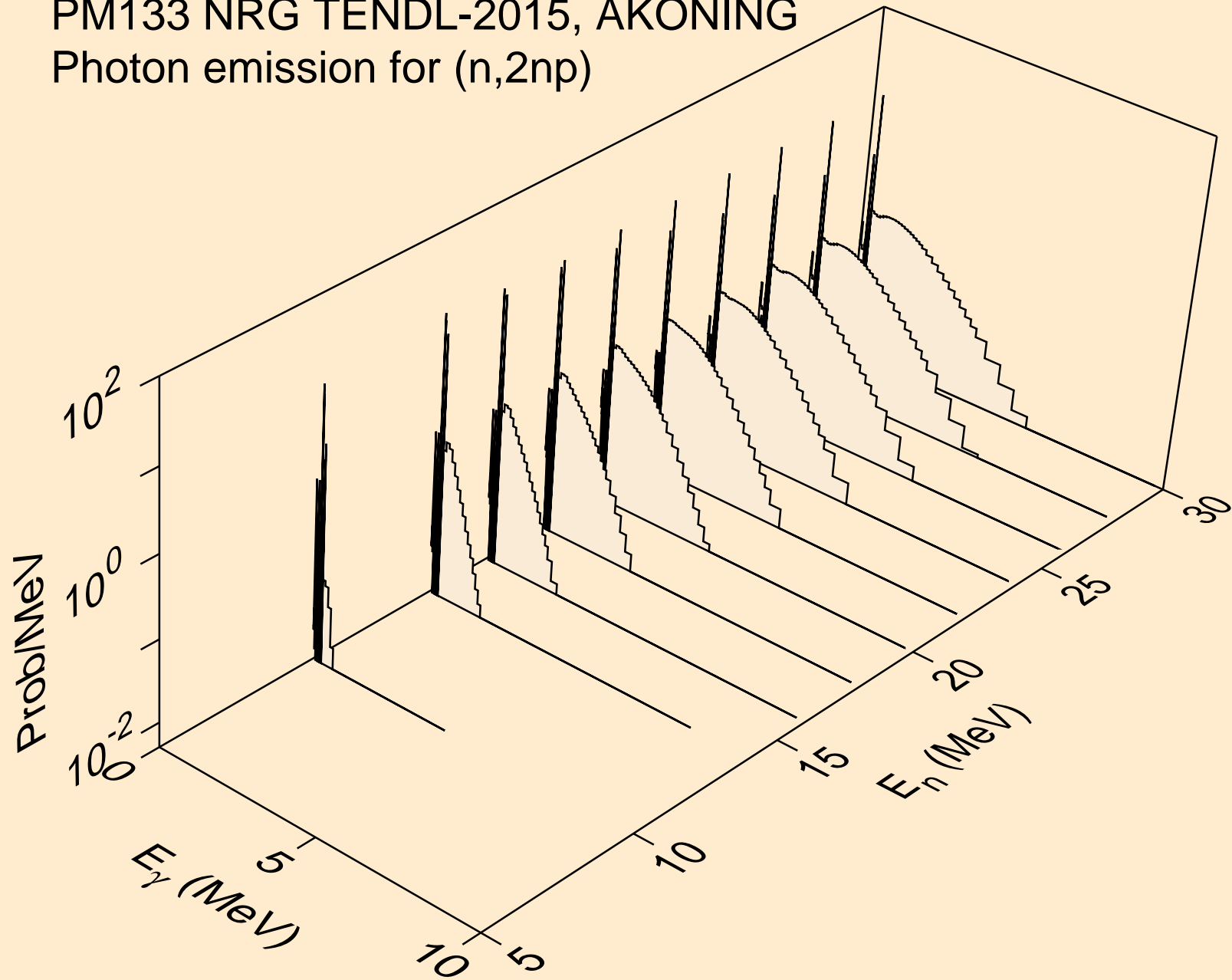




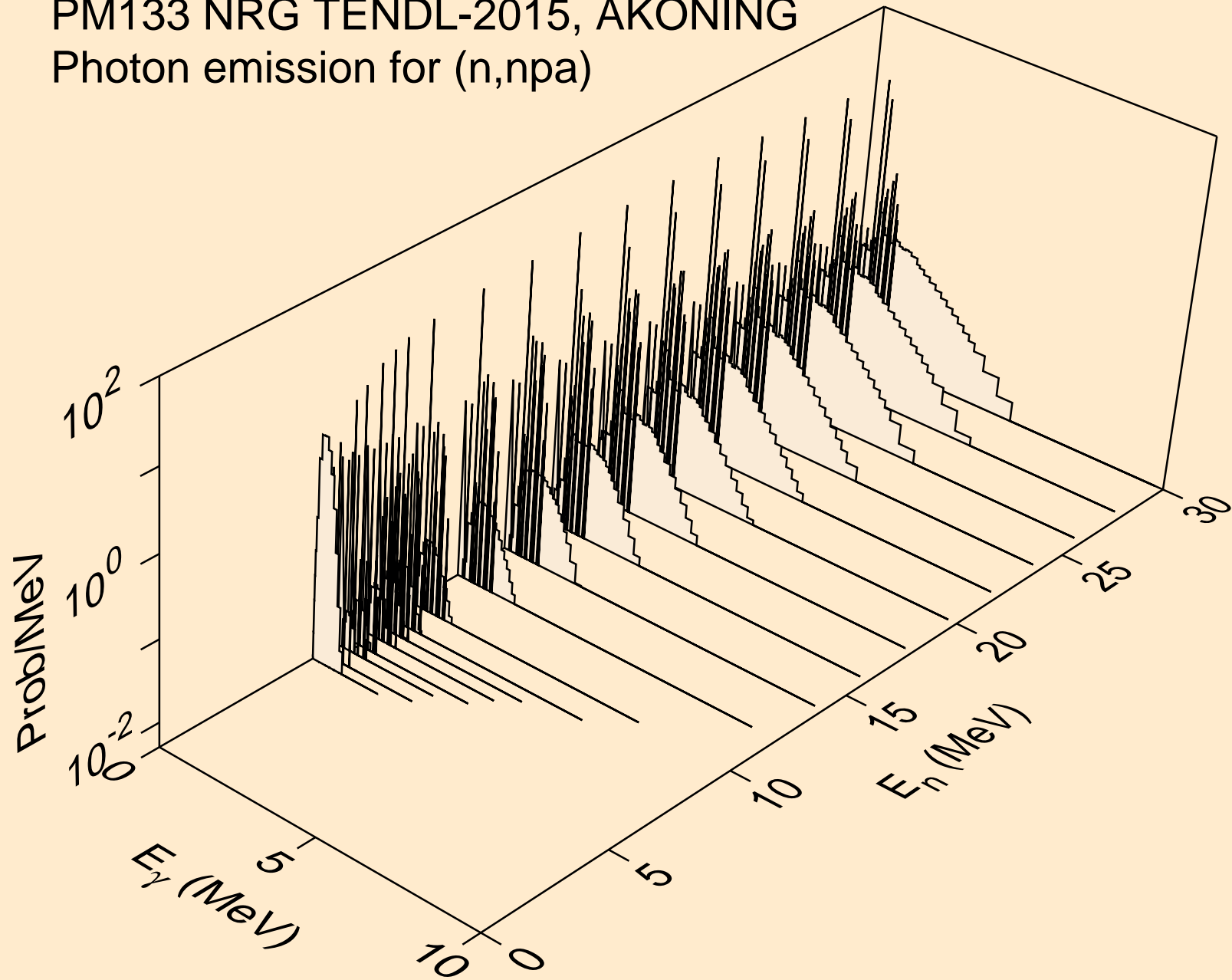
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



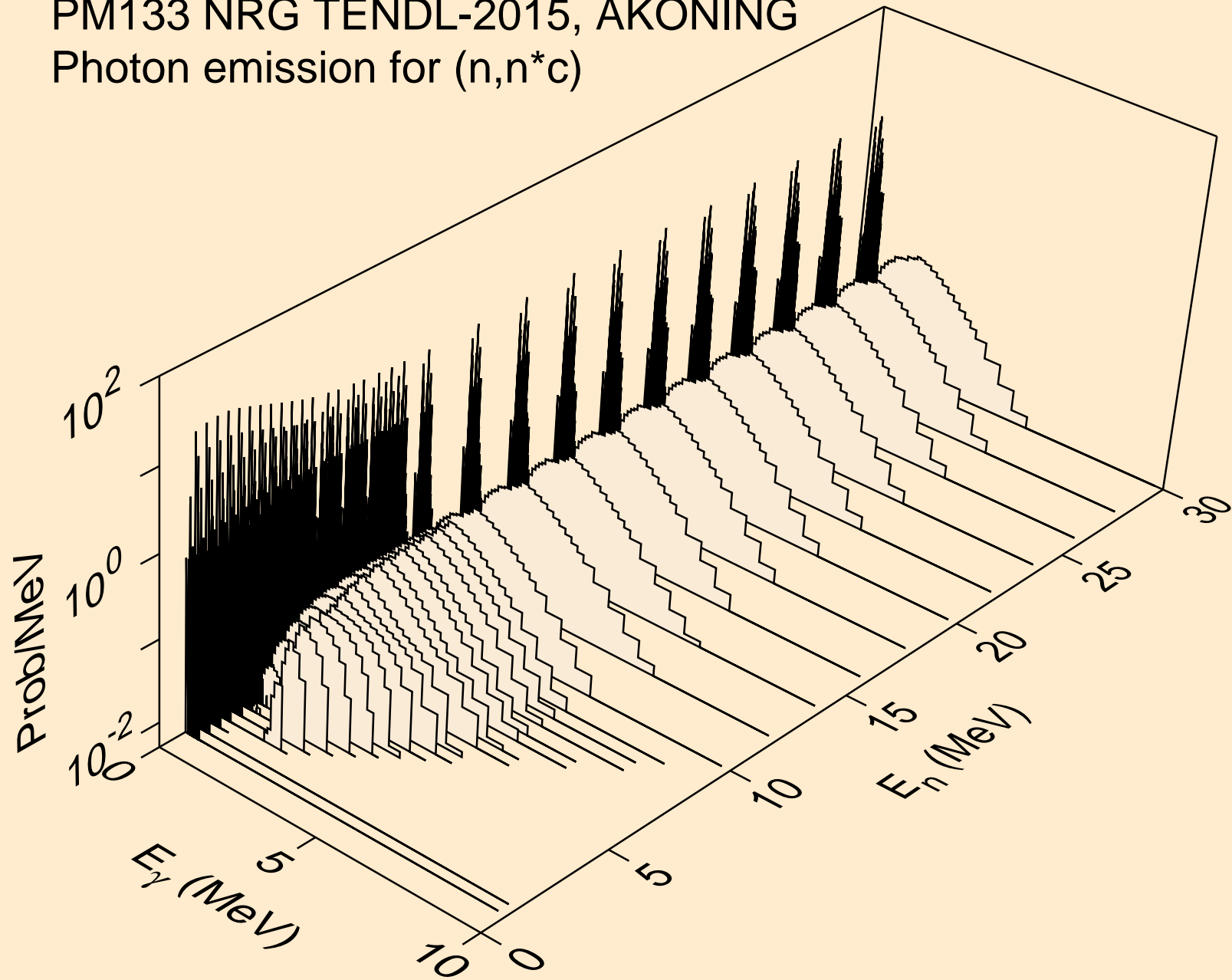
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



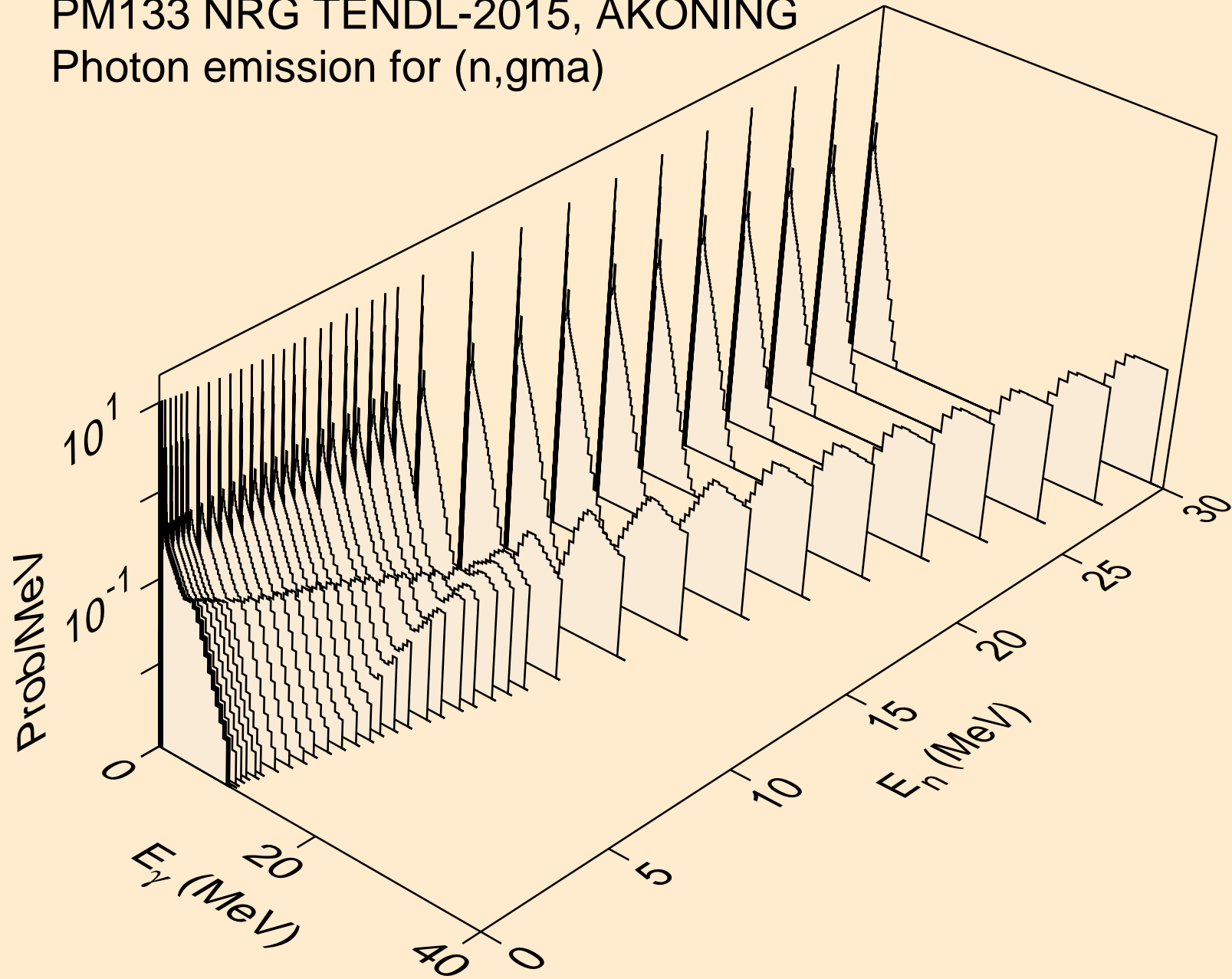
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



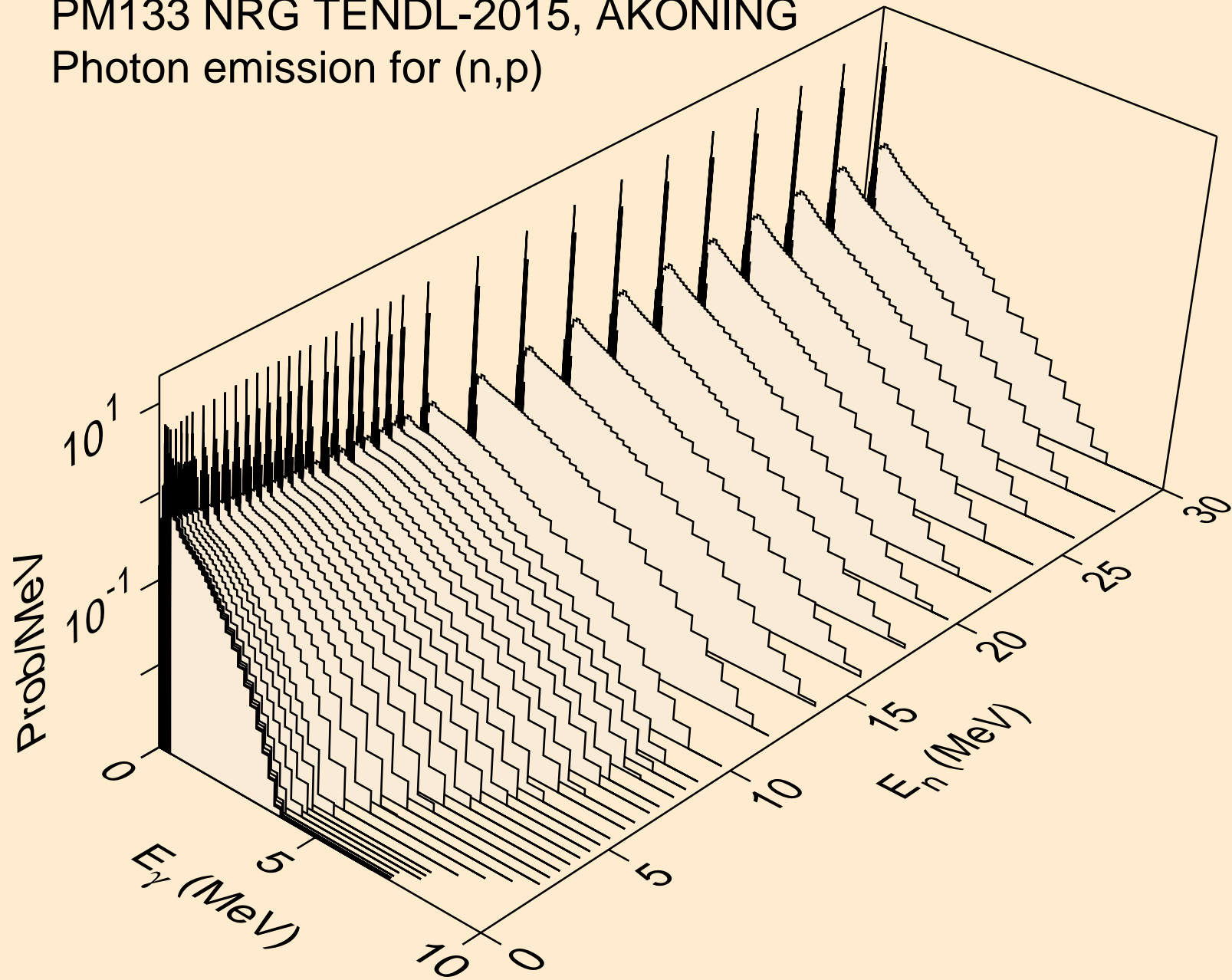
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



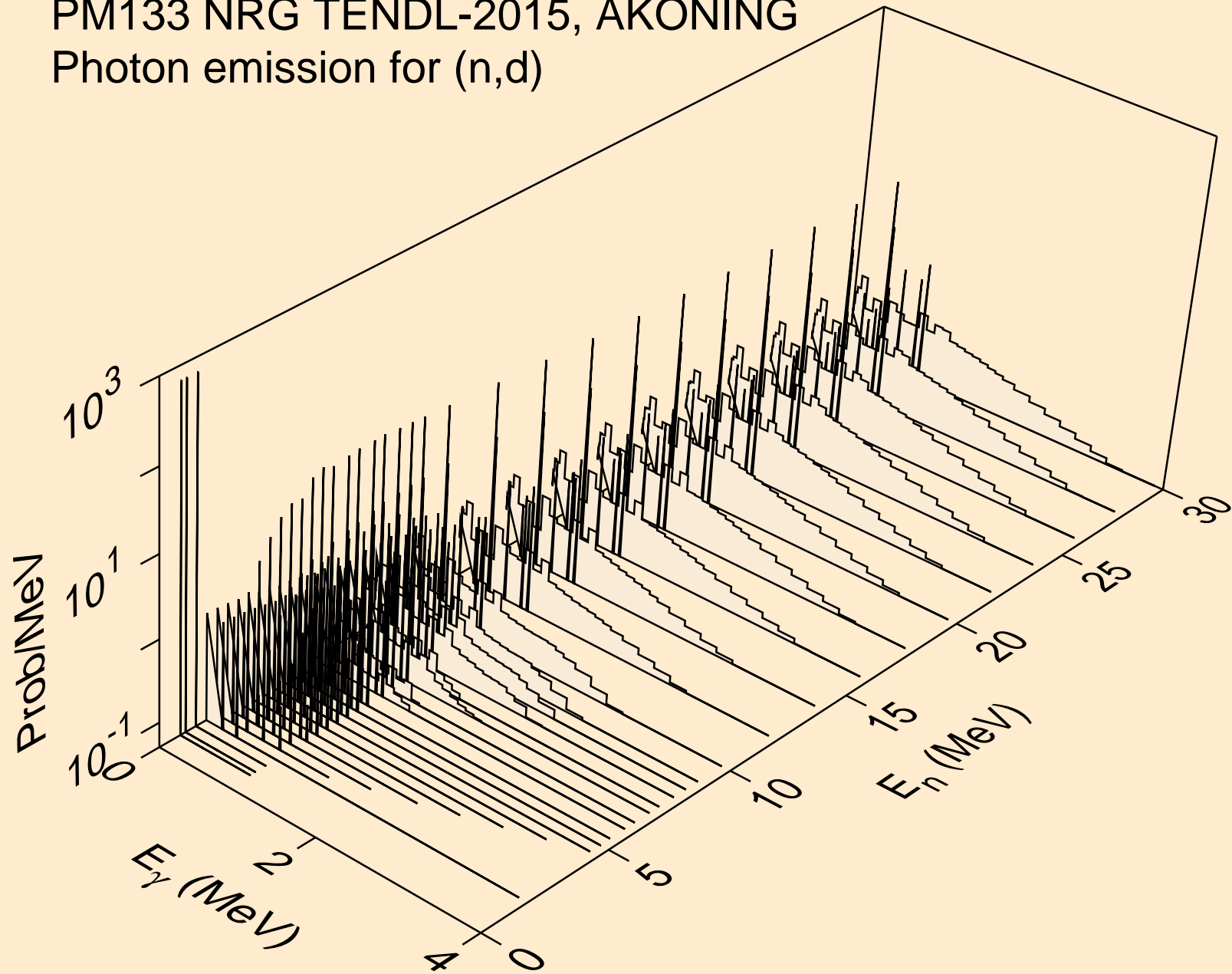
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



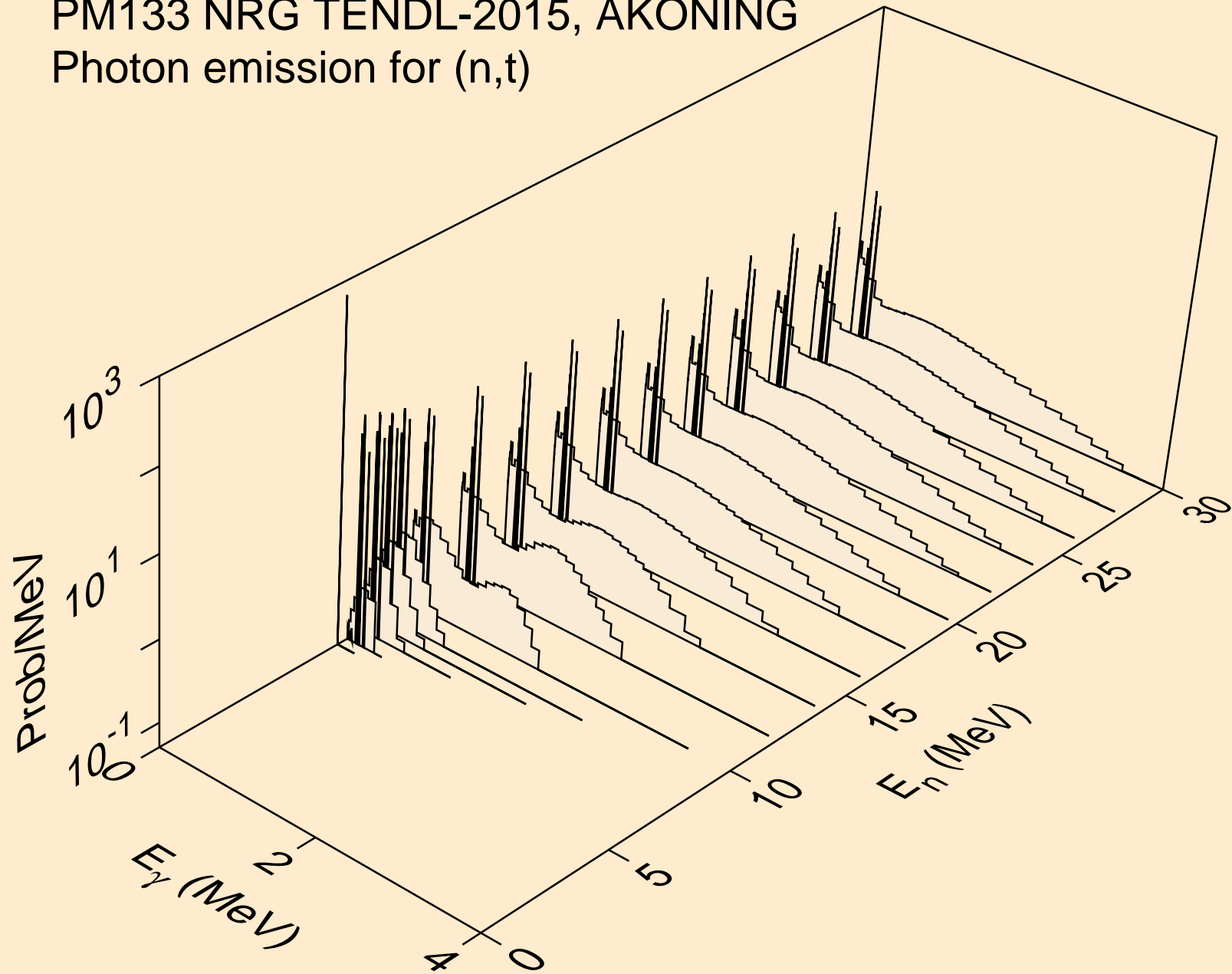
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

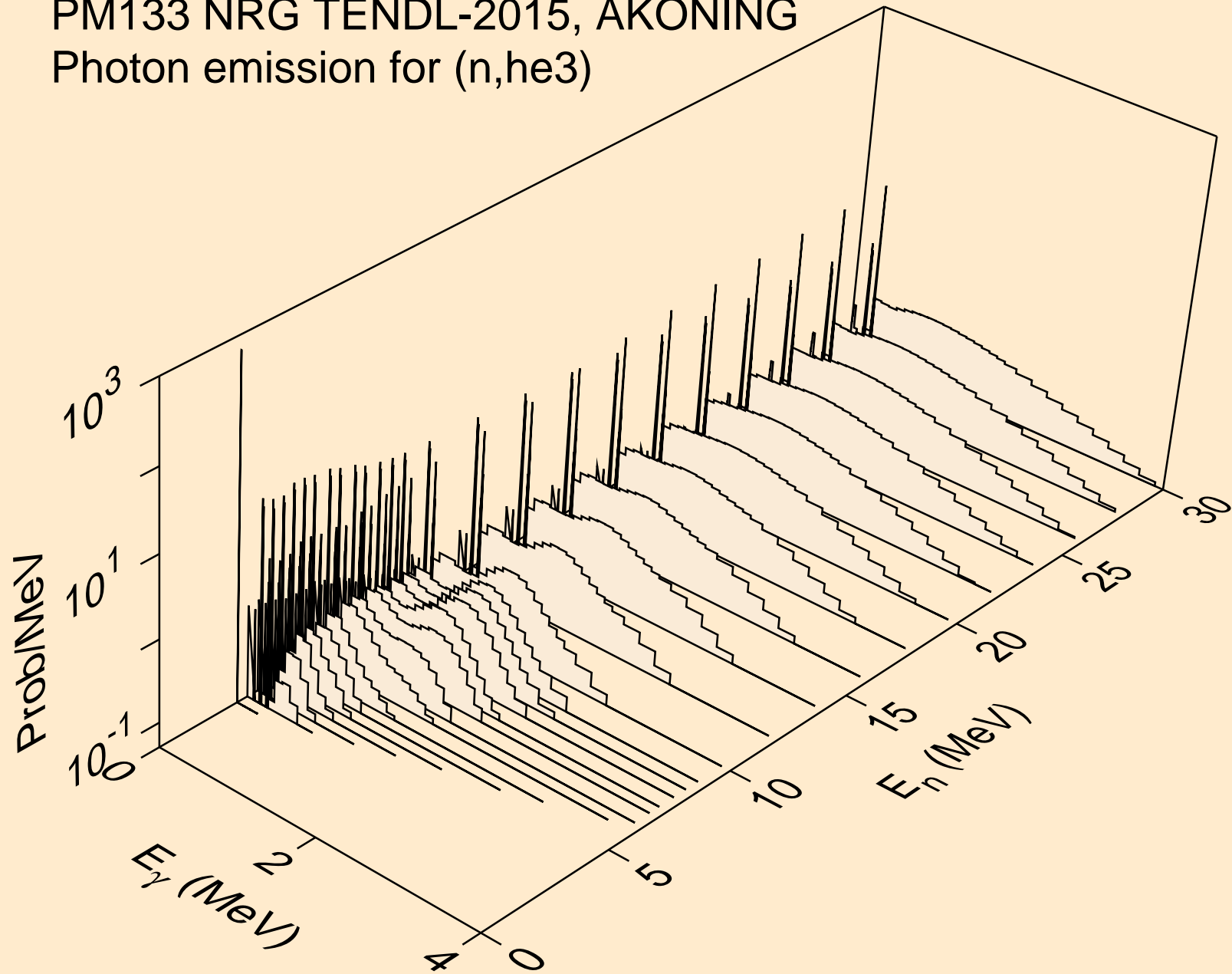


PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

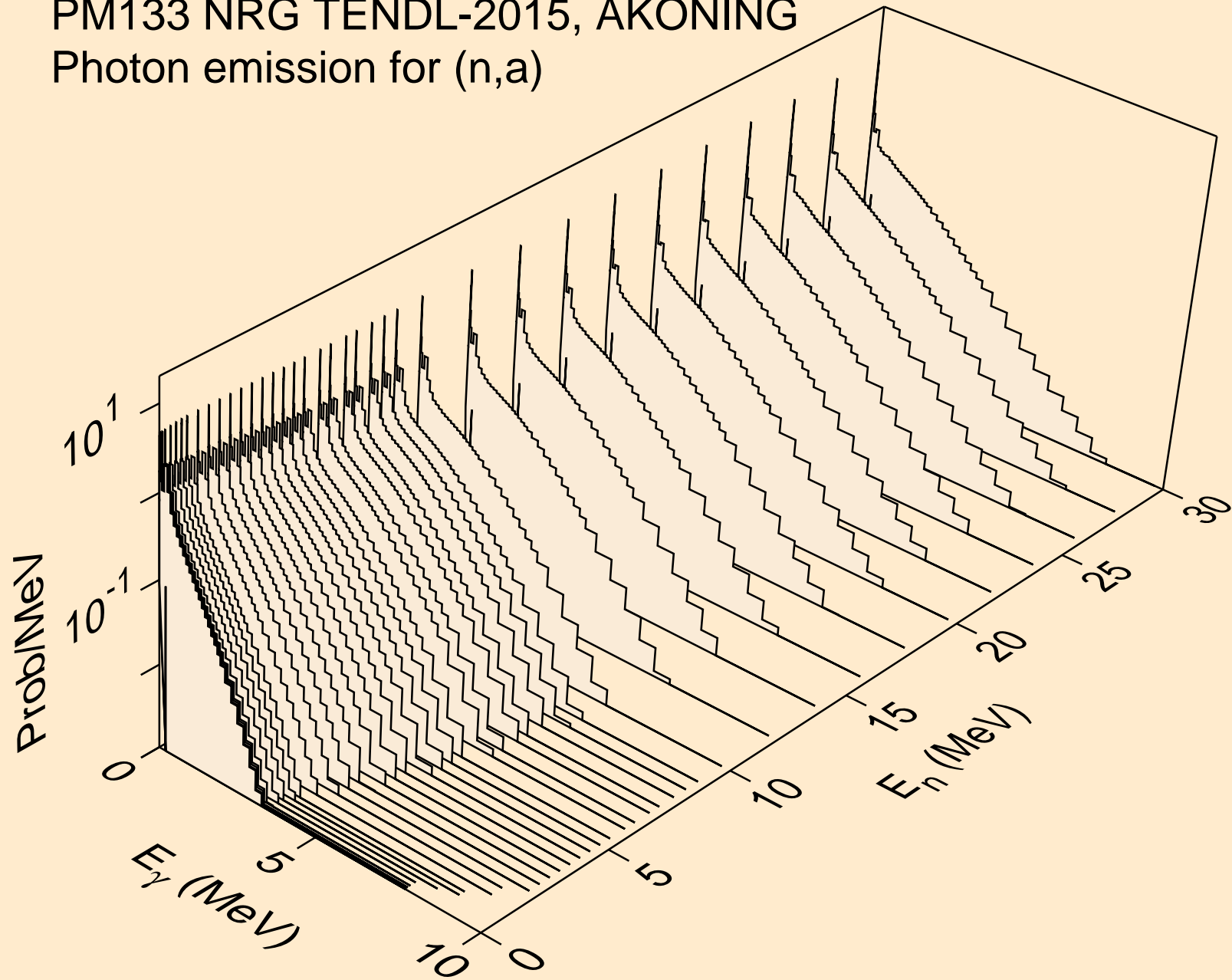




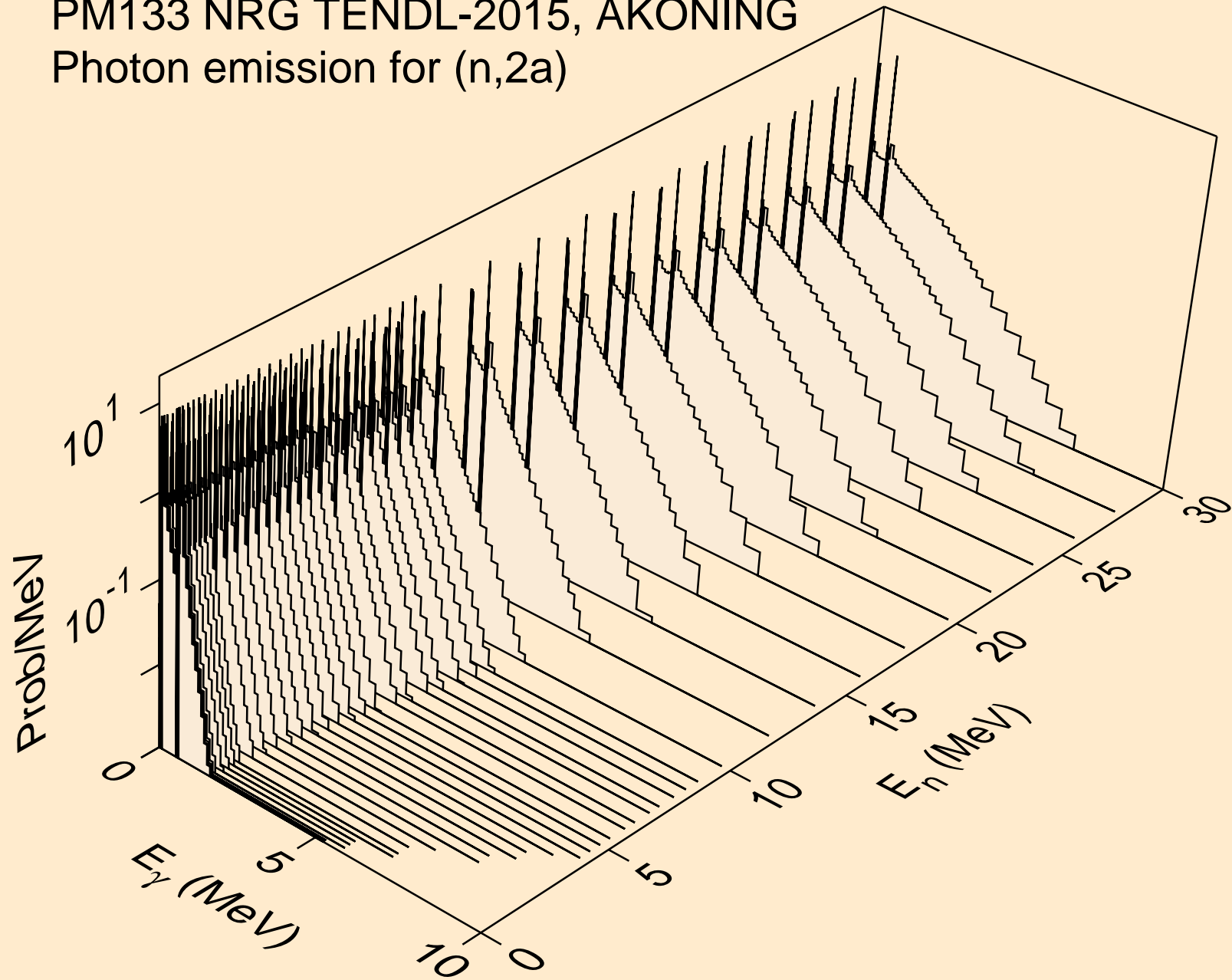
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



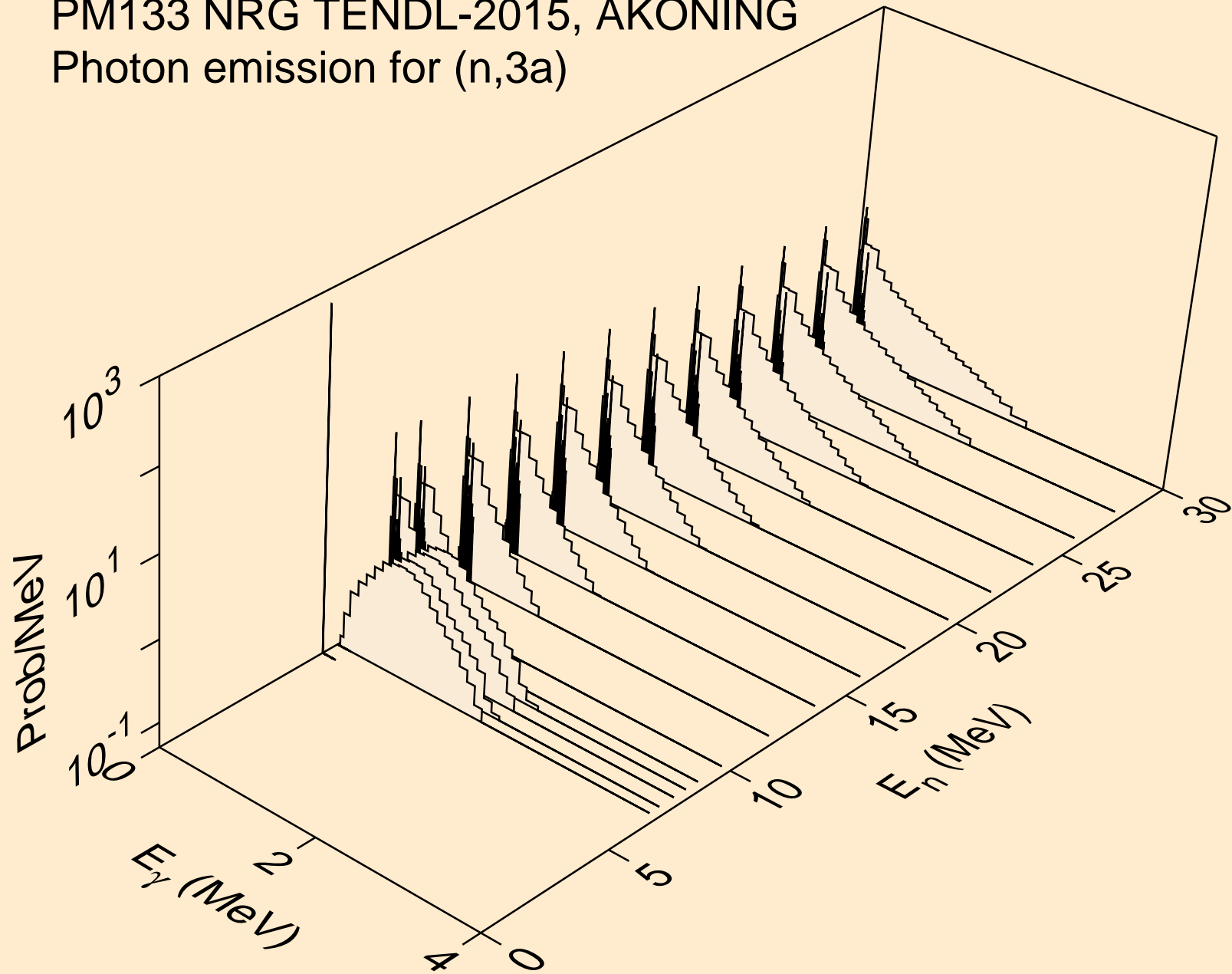
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



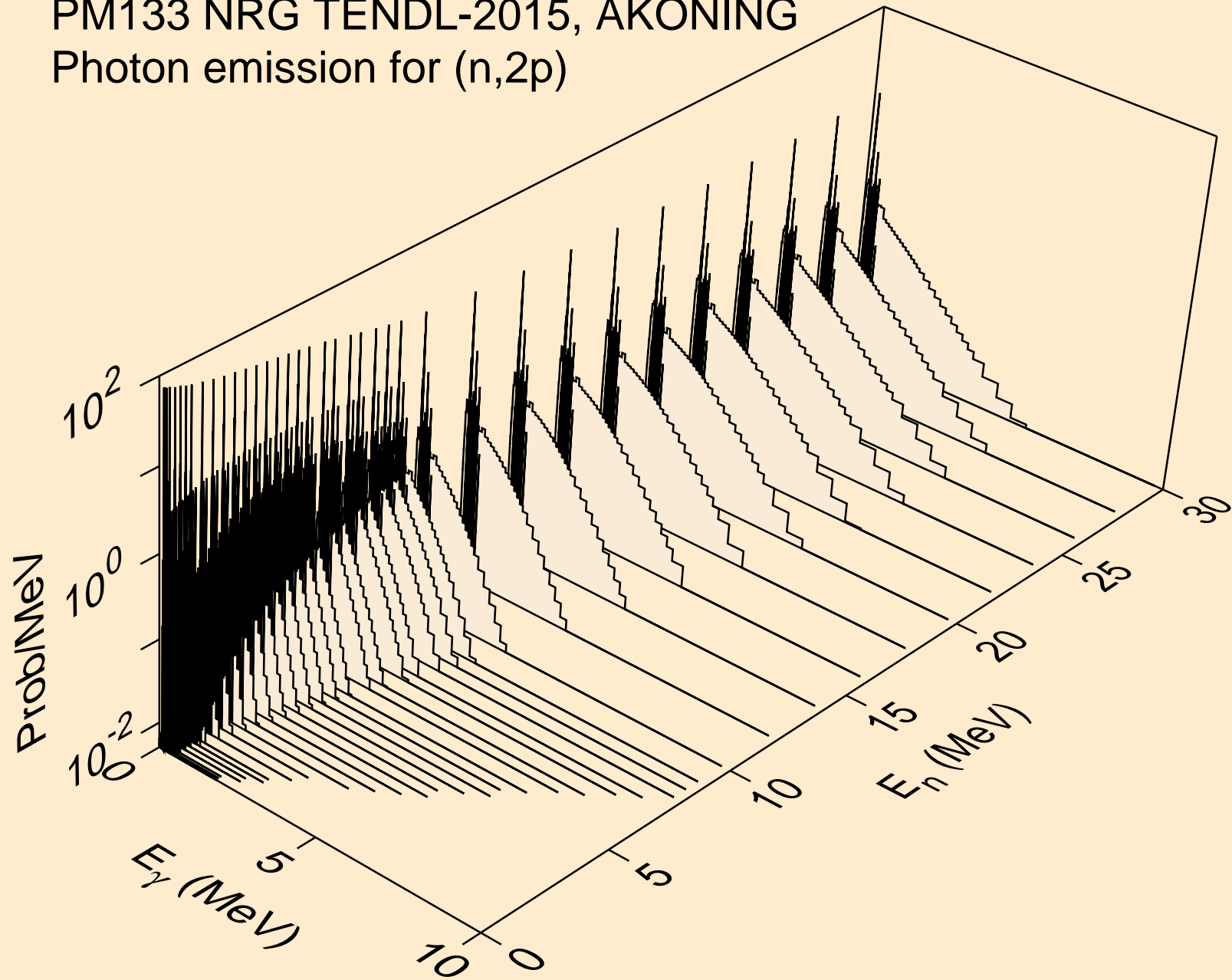
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



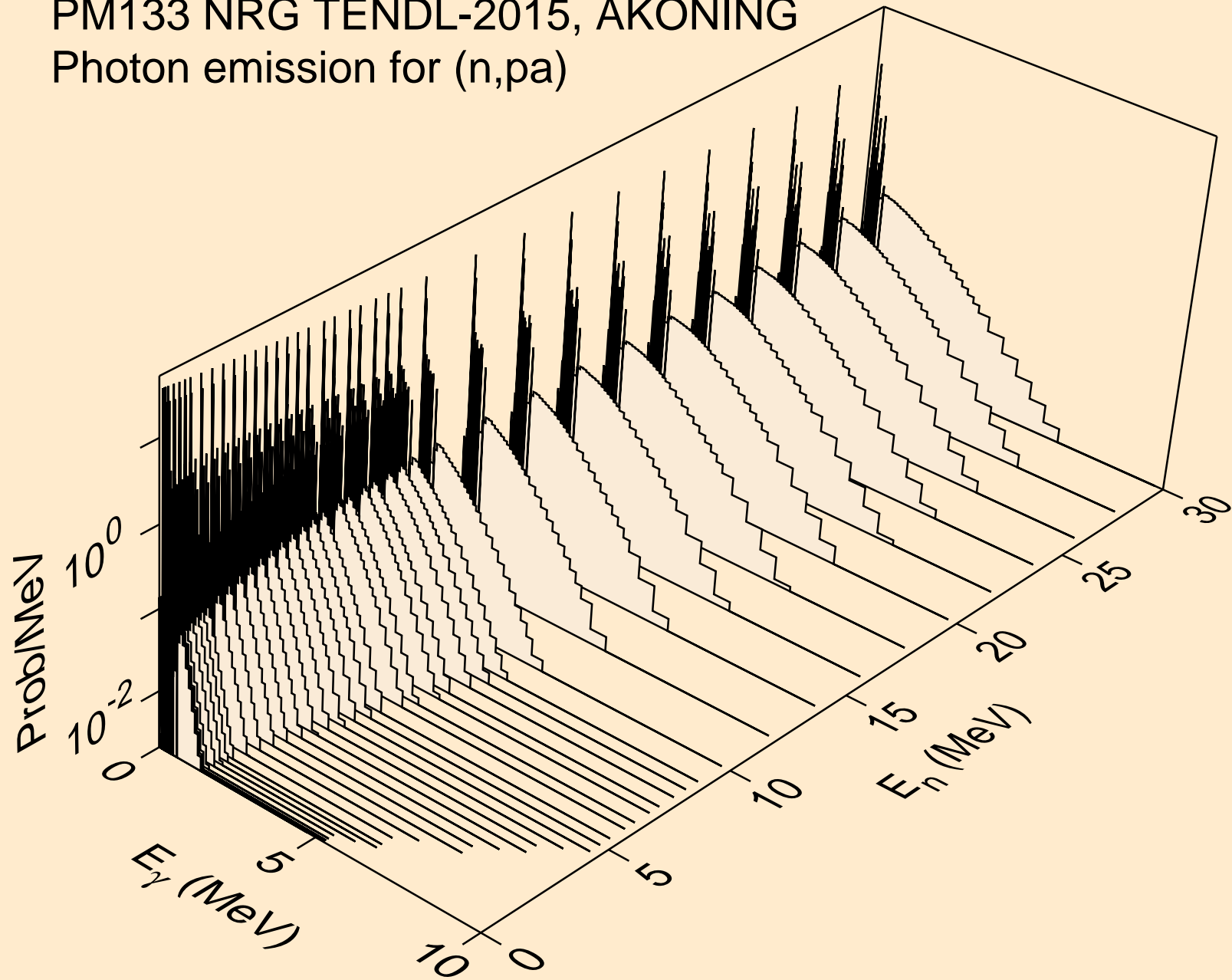
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



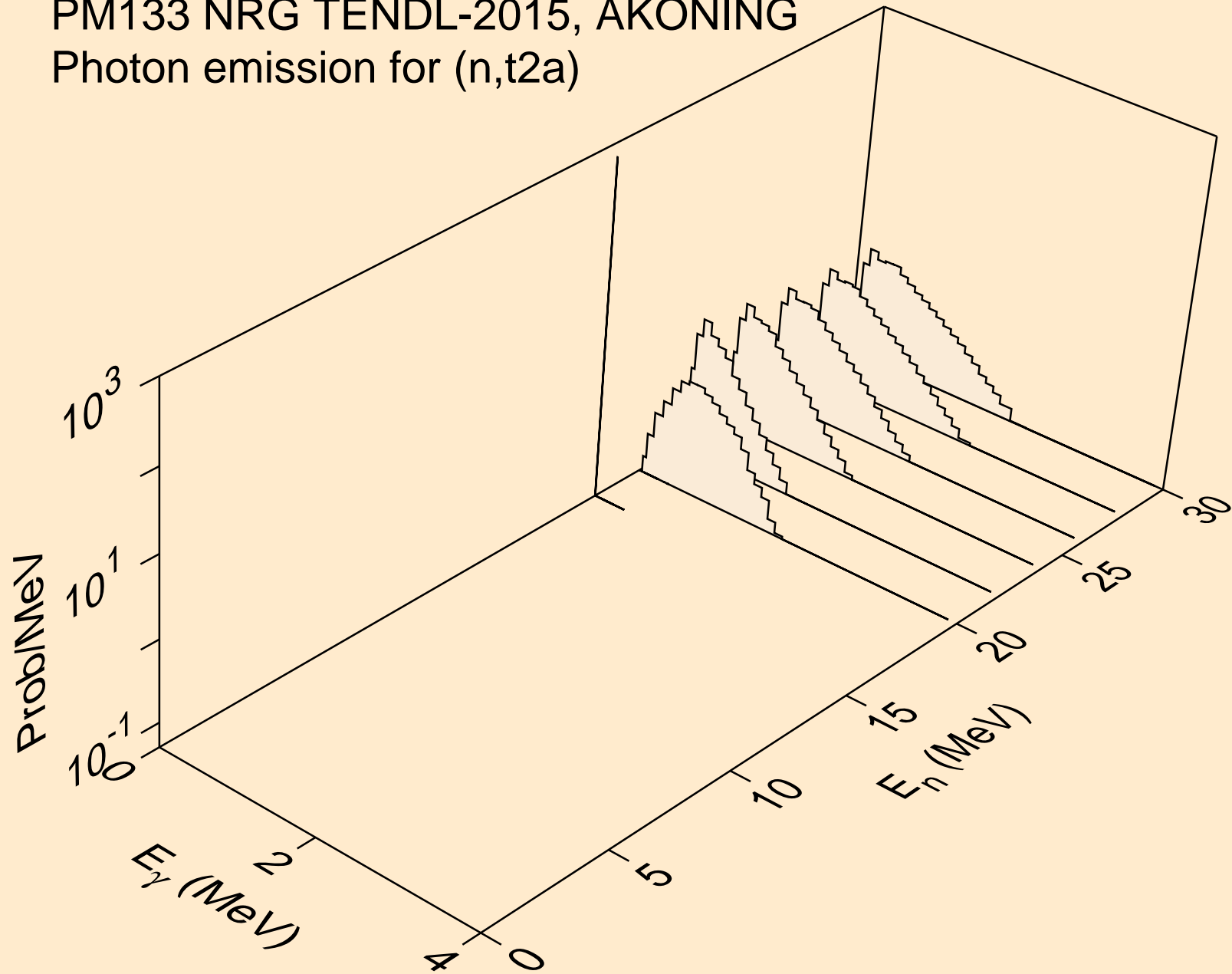
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



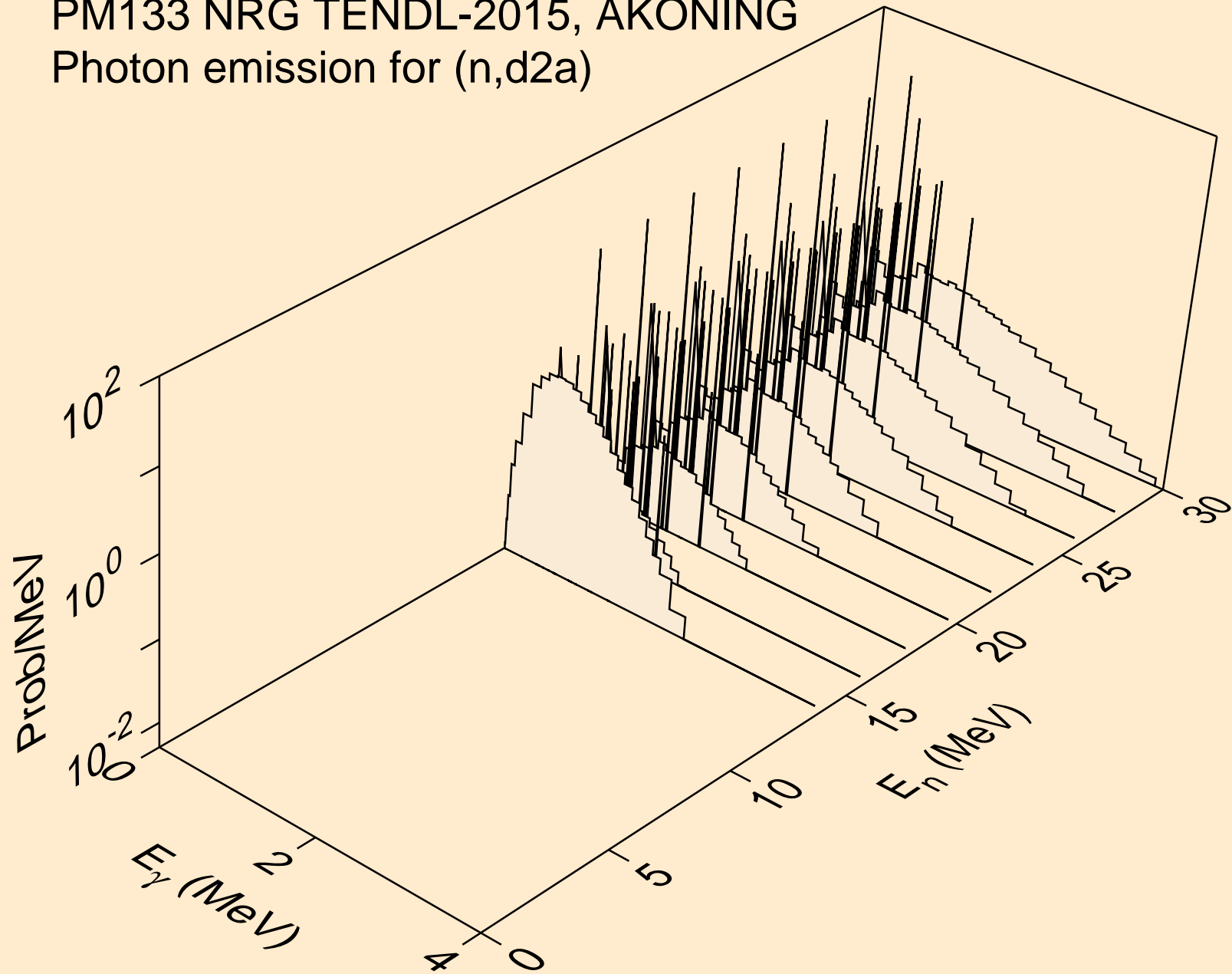
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

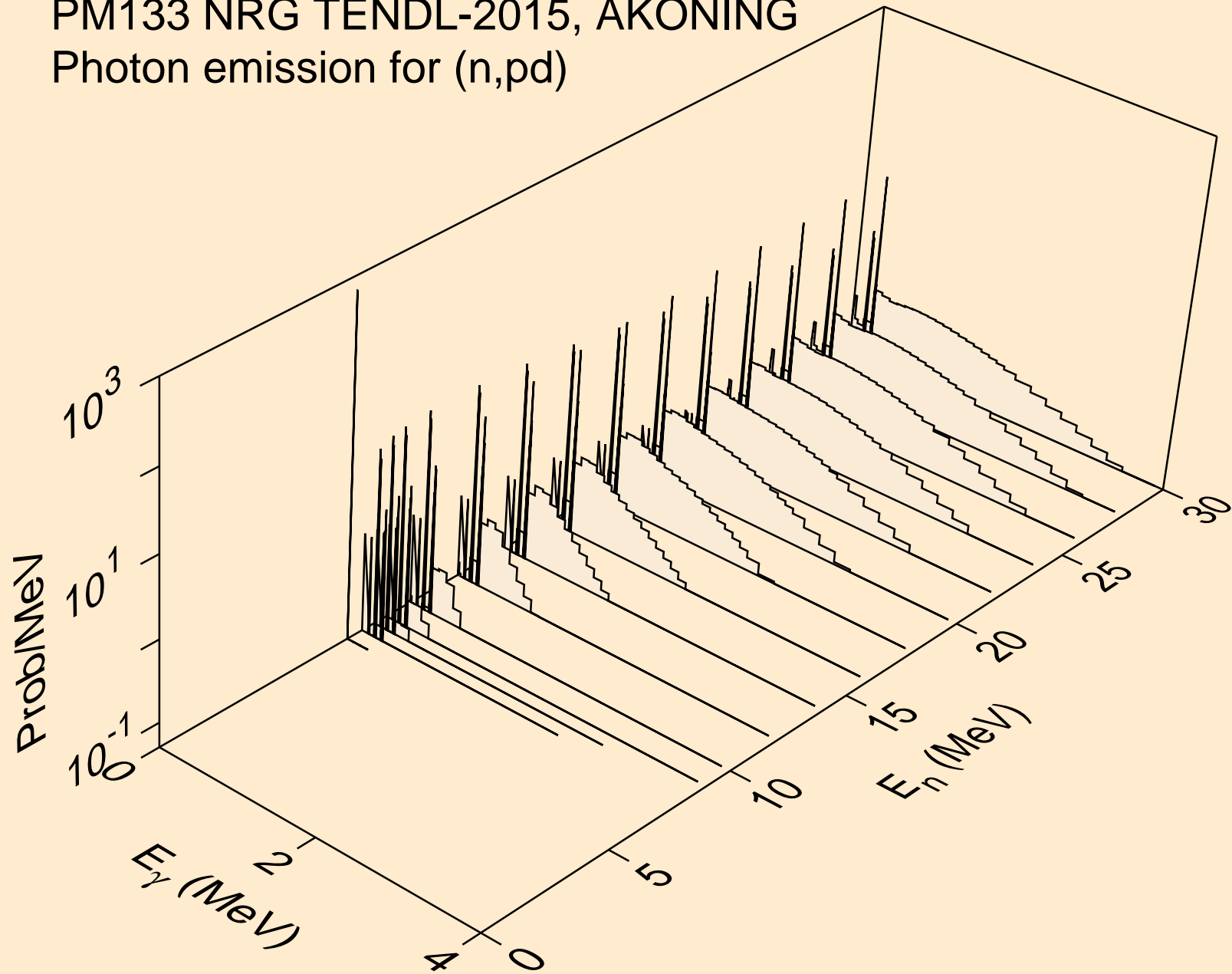


PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

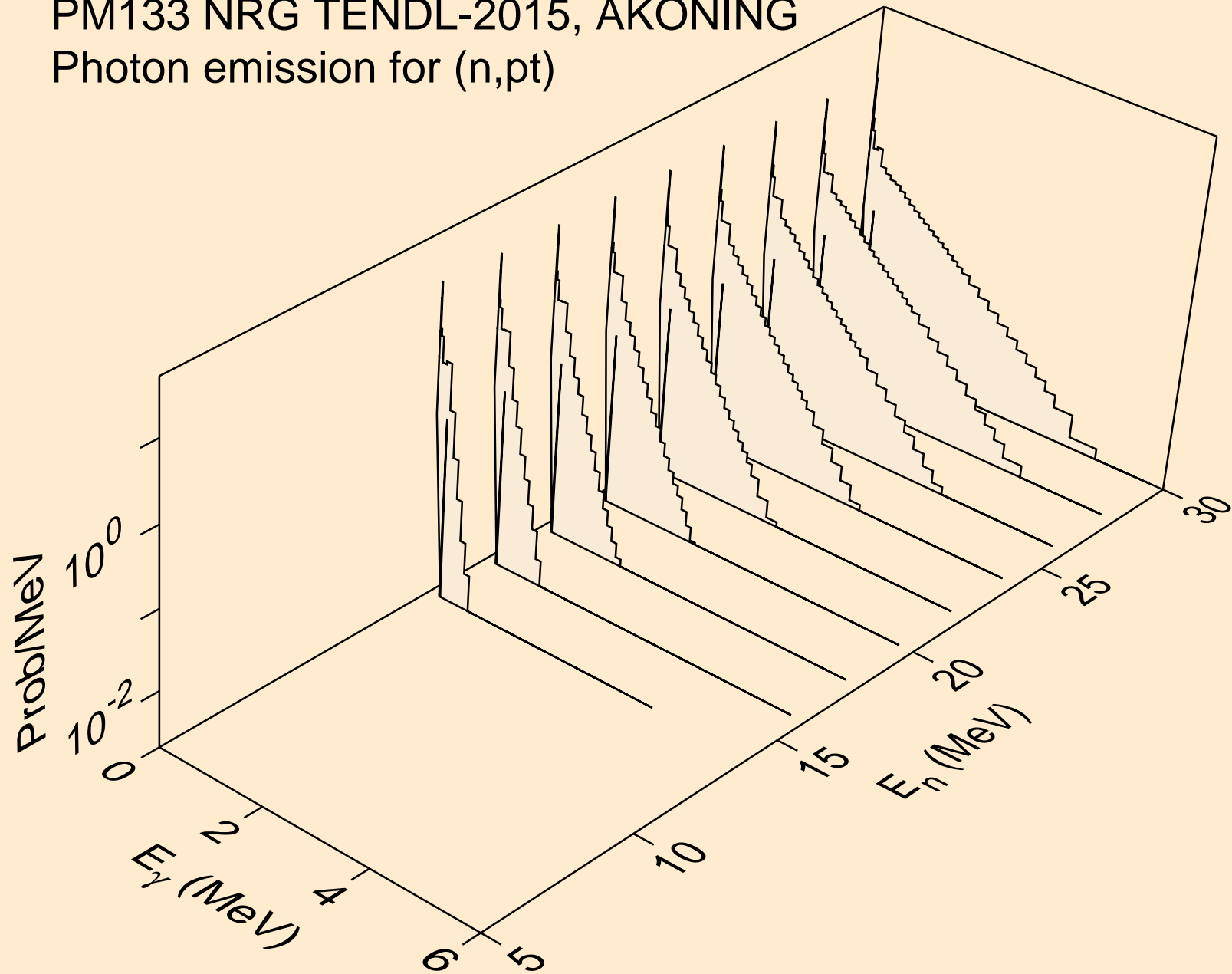




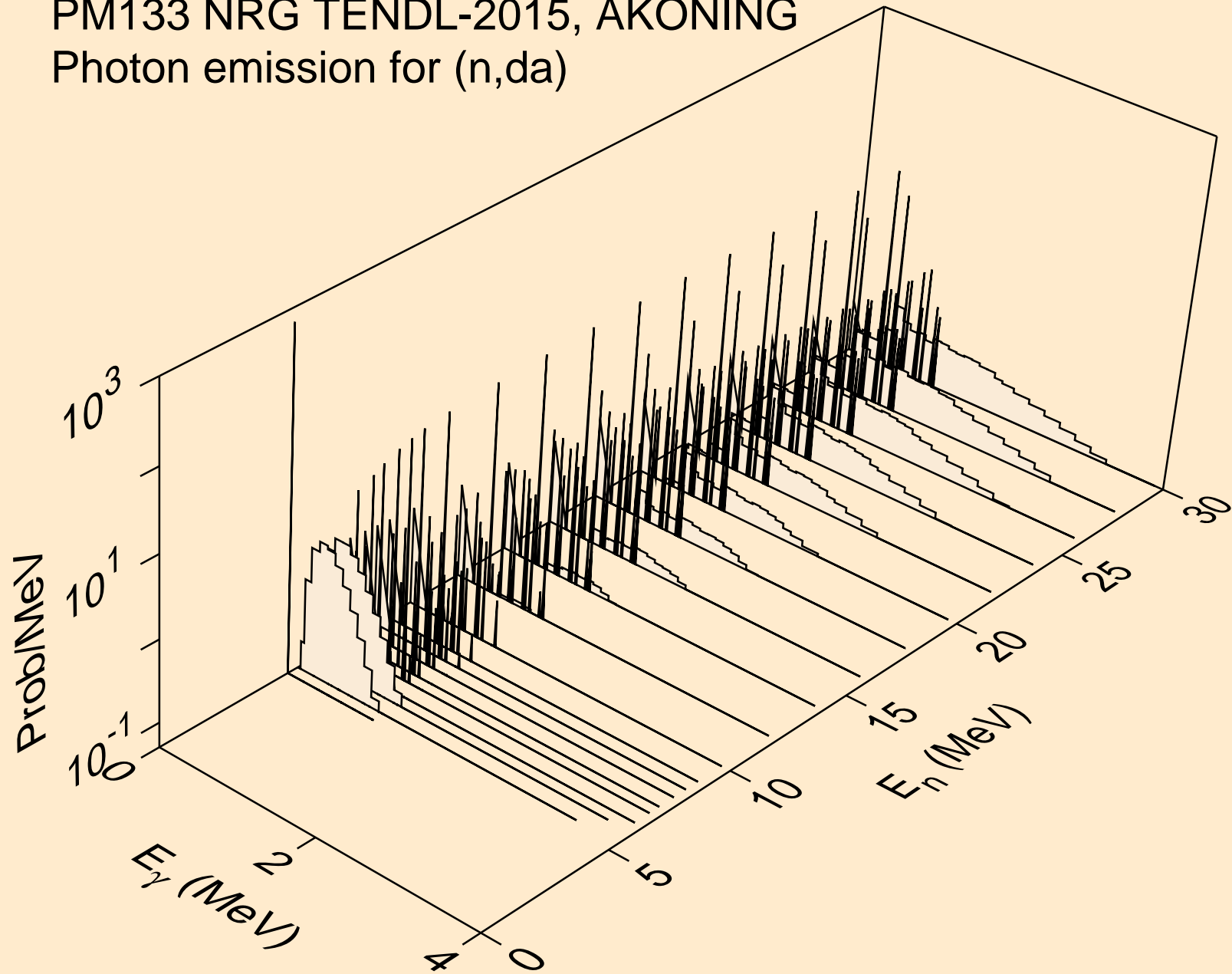
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



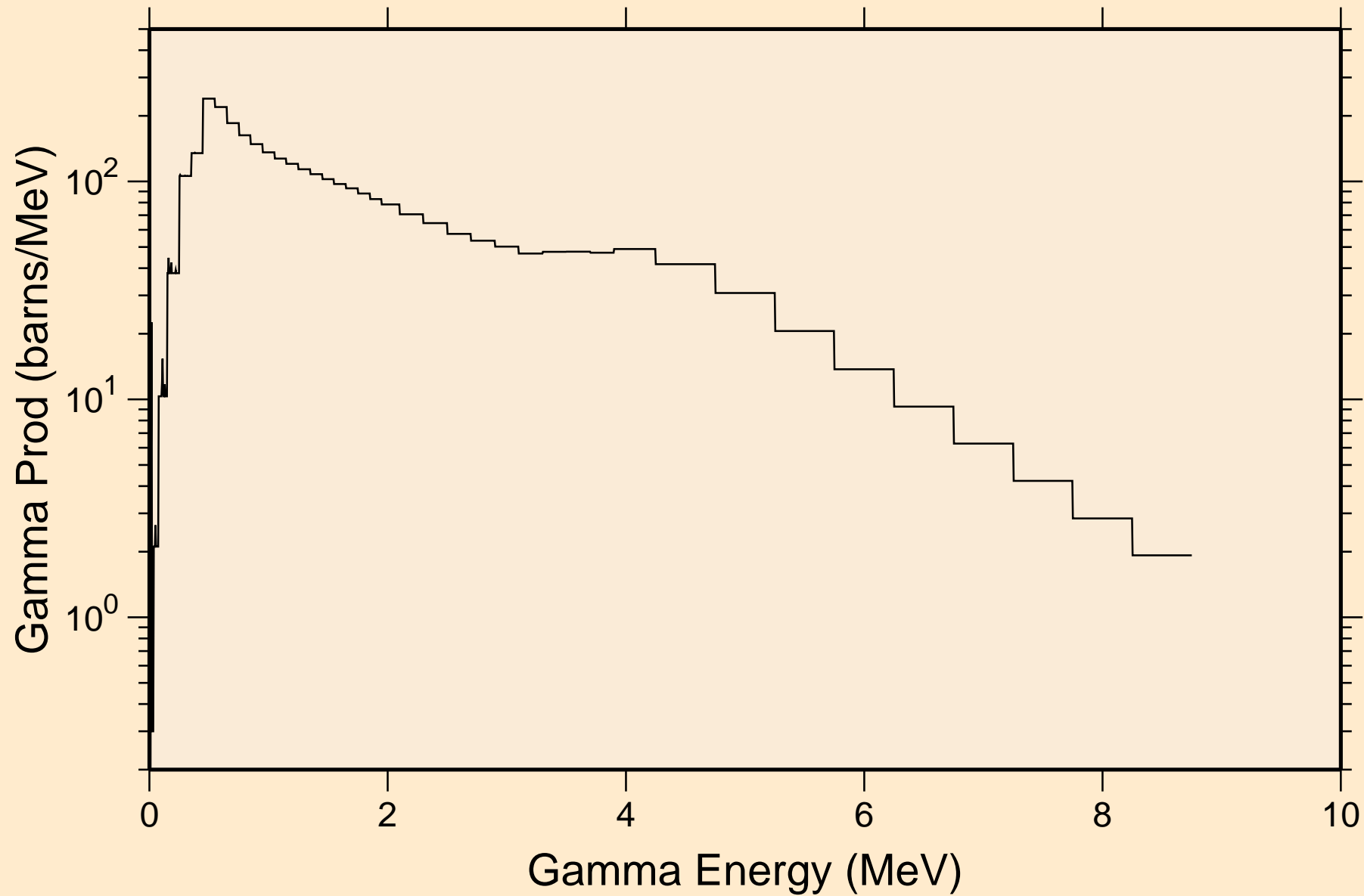
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



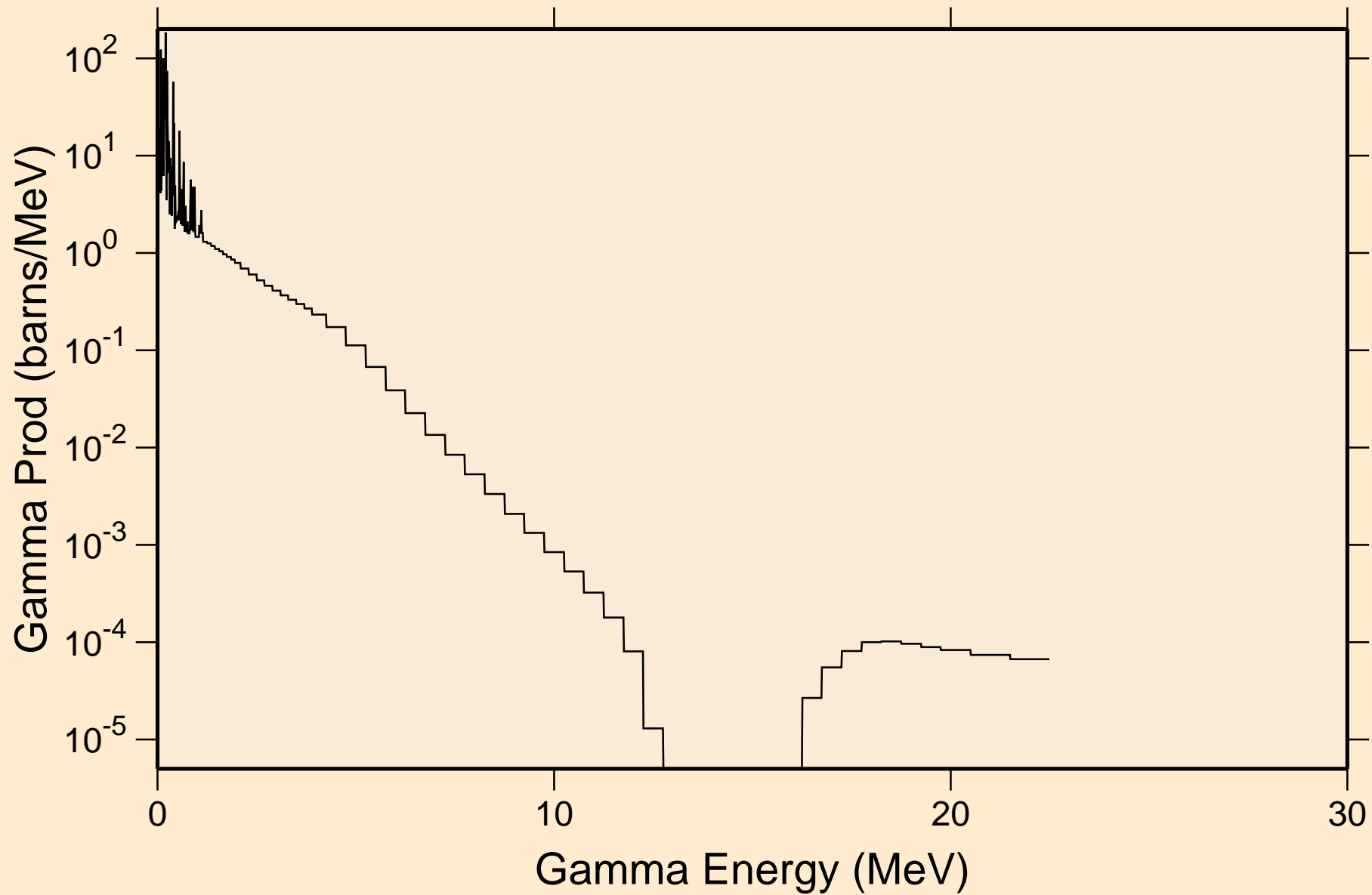
PM133 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PM133 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

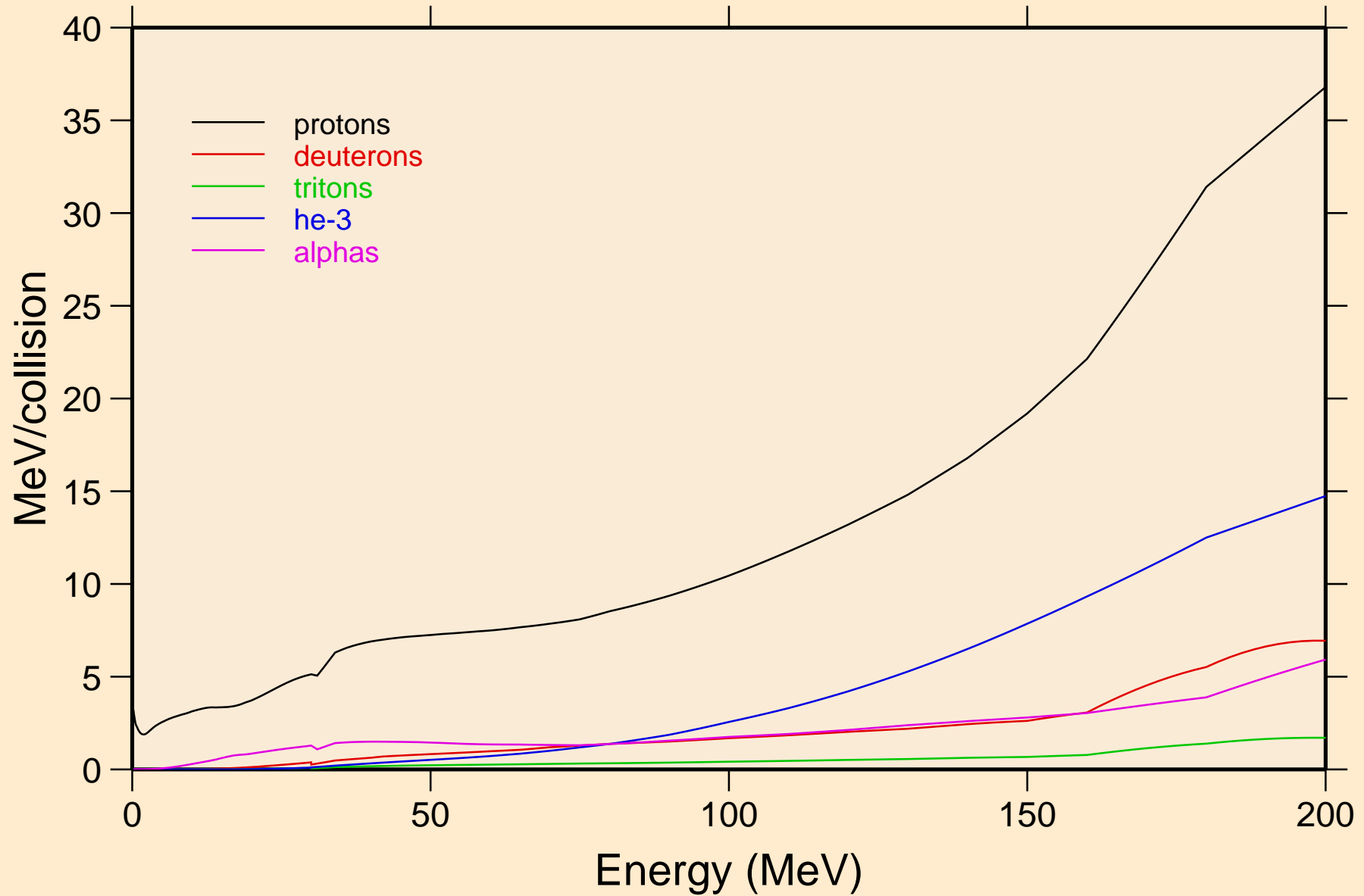


PM133 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



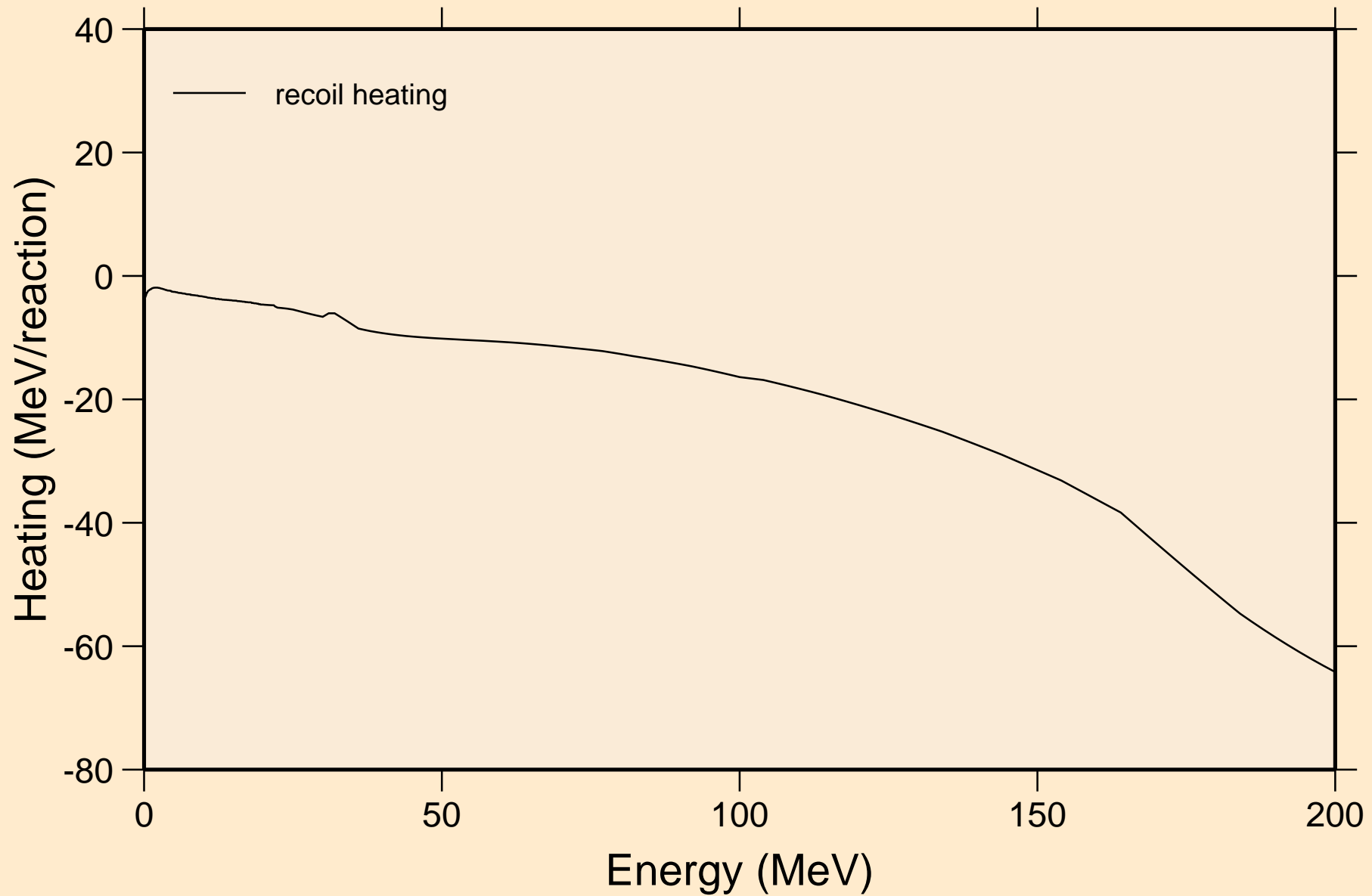
# PM133 NRG TENDL-2015, AKONING

## Particle heating contributions



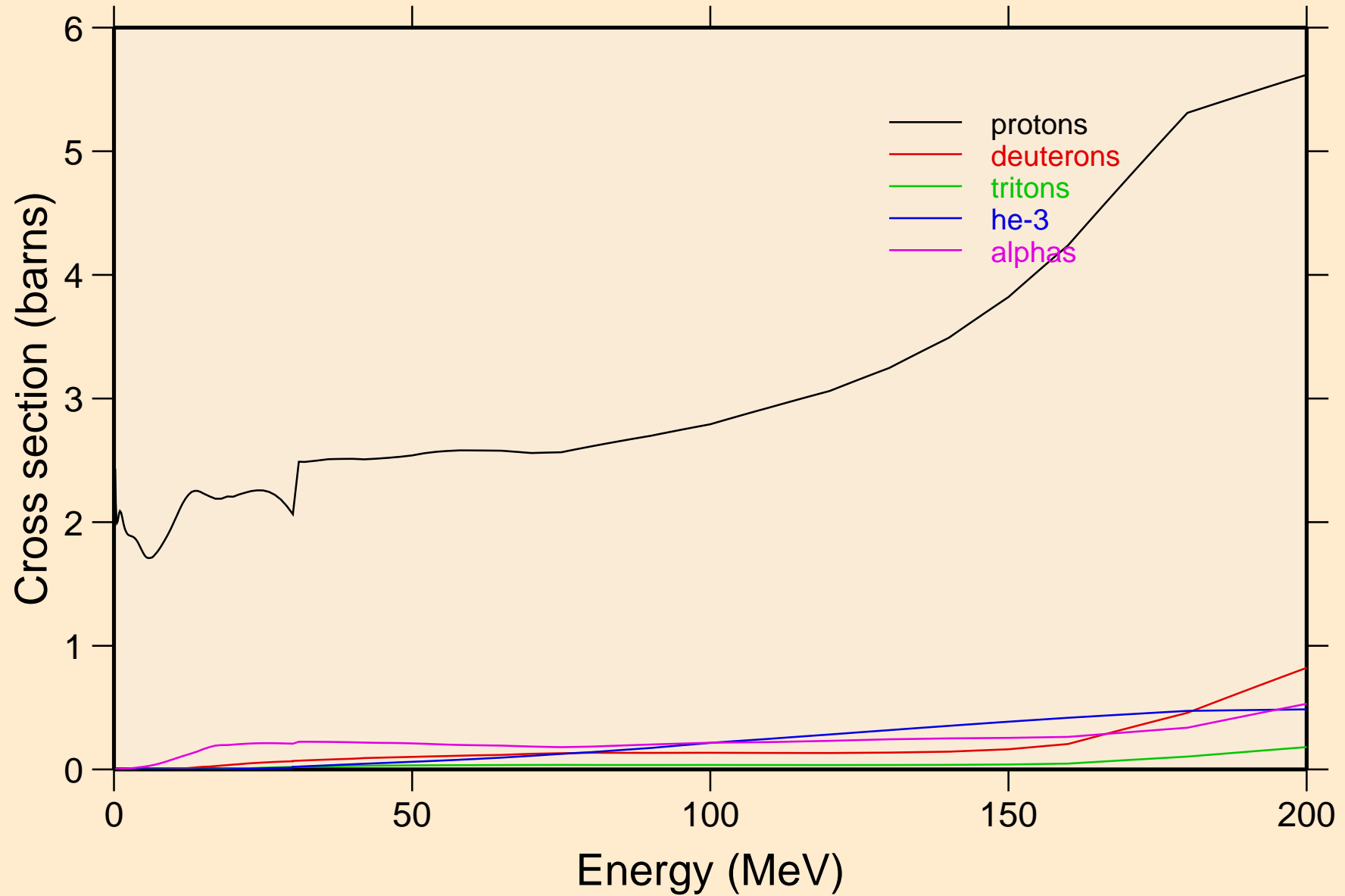
# PM133 NRG TENDL-2015, AKONING

## Recoil Heating



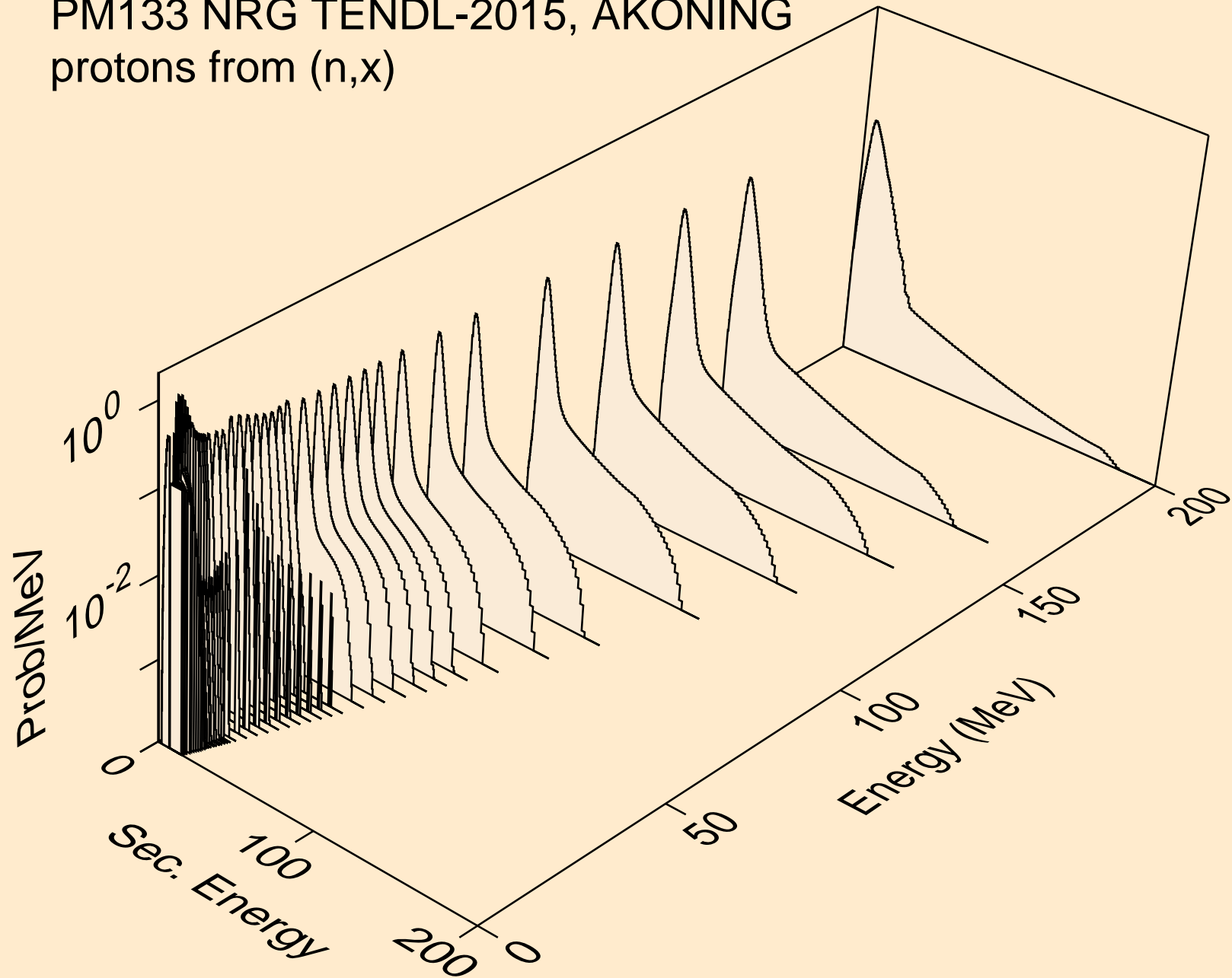
# PM133 NRG TENDL-2015, AKONING

## Particle production cross sections

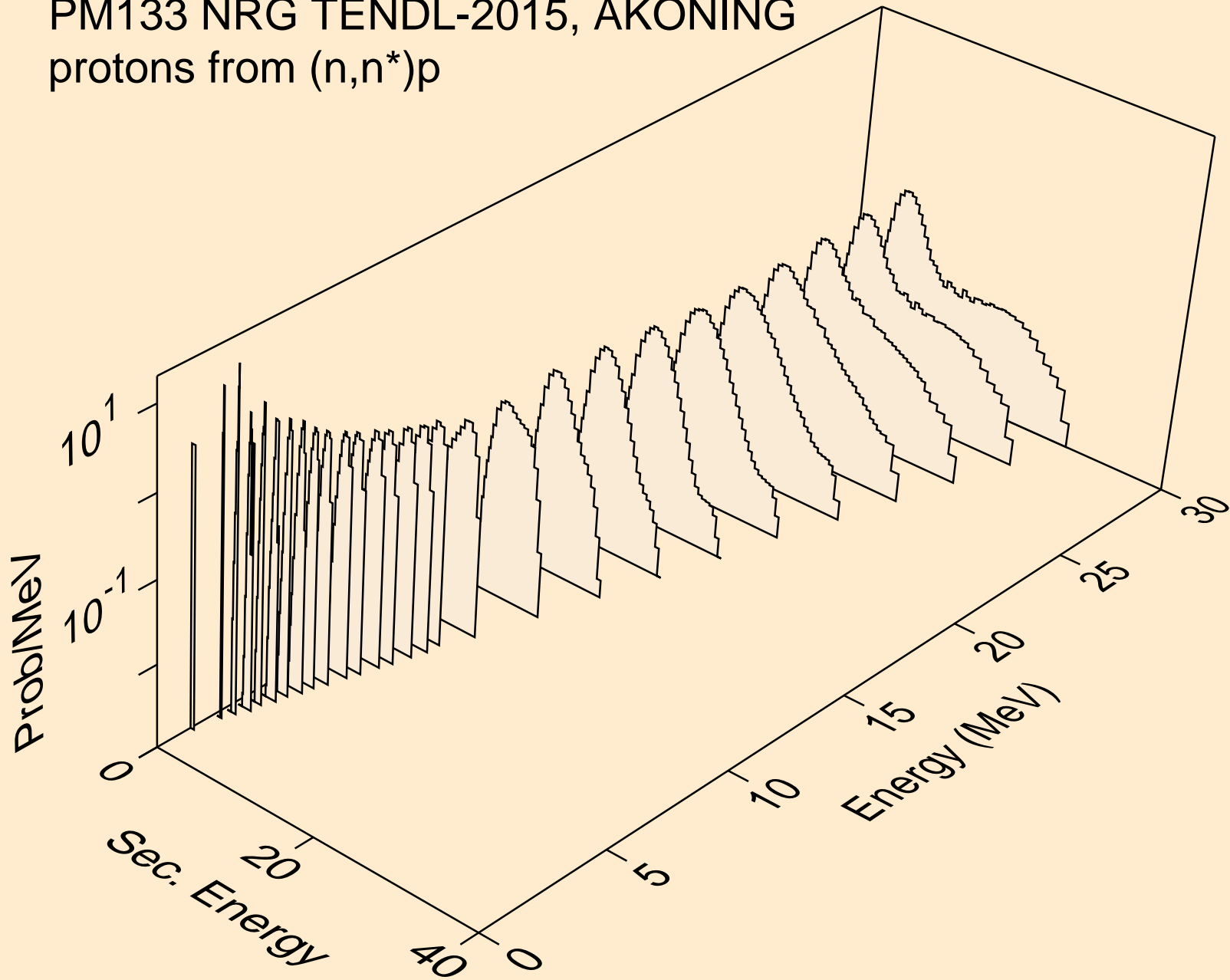




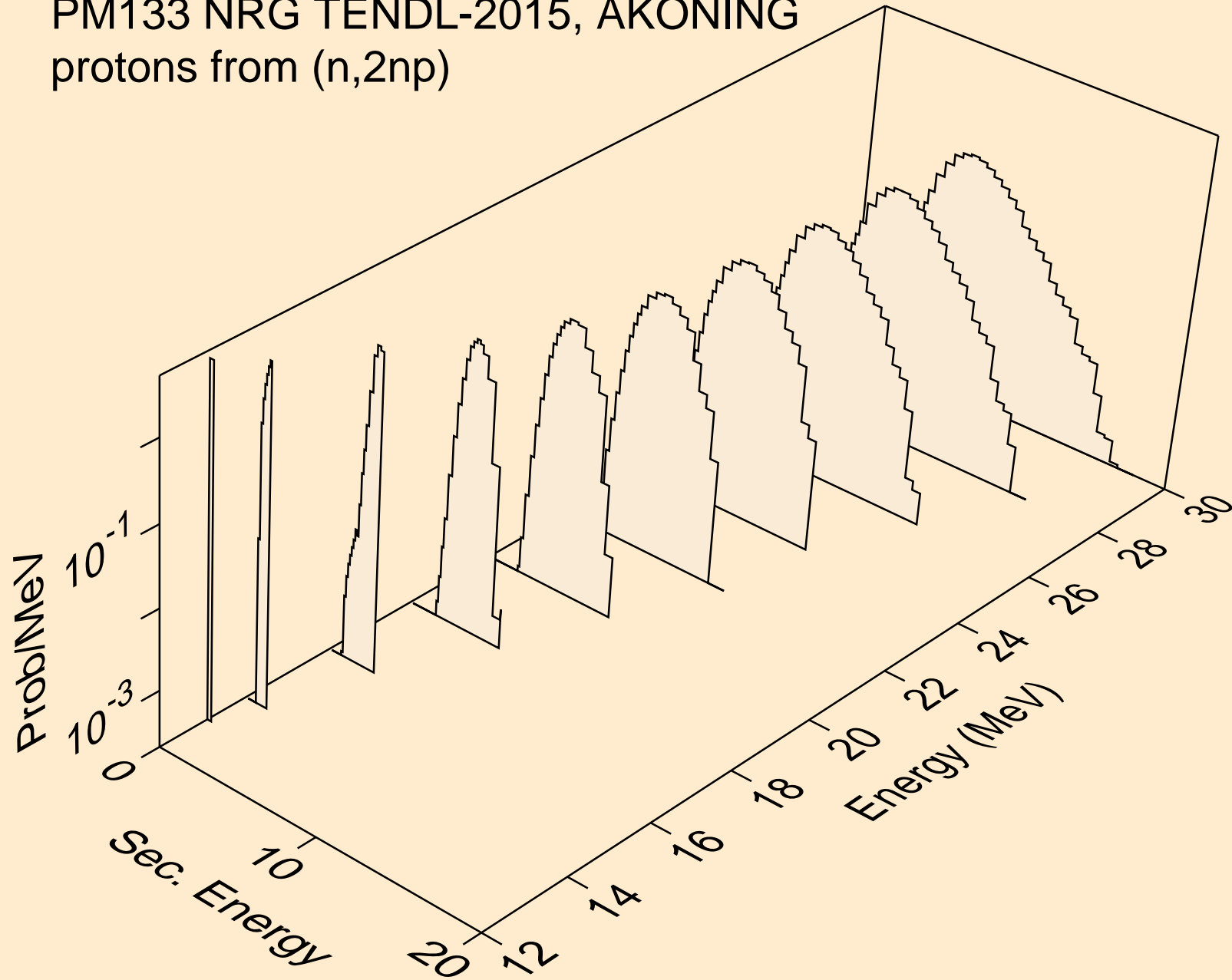
PM133 NRG TENDL-2015, AKONING  
protons from (n,x)



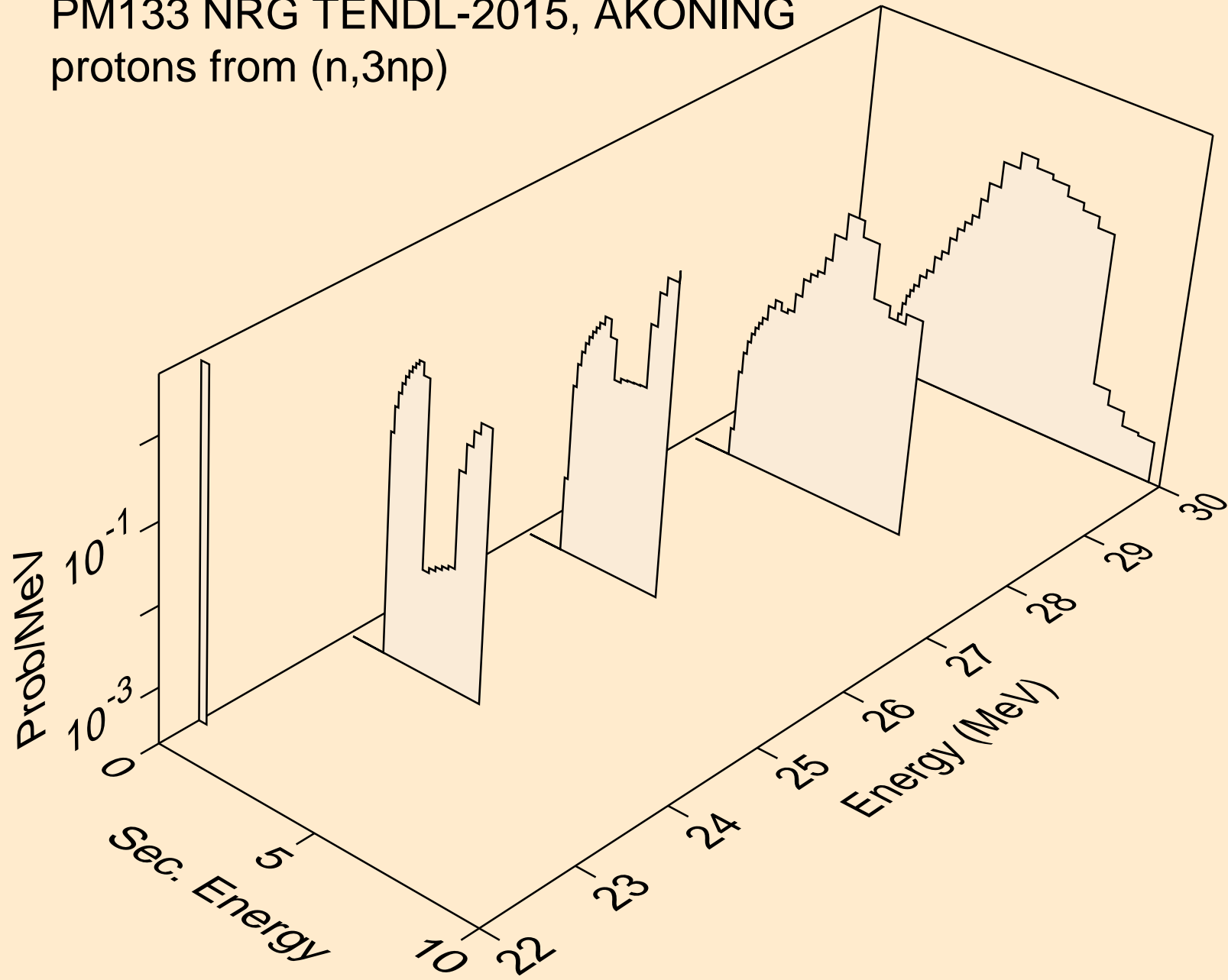
PM133 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



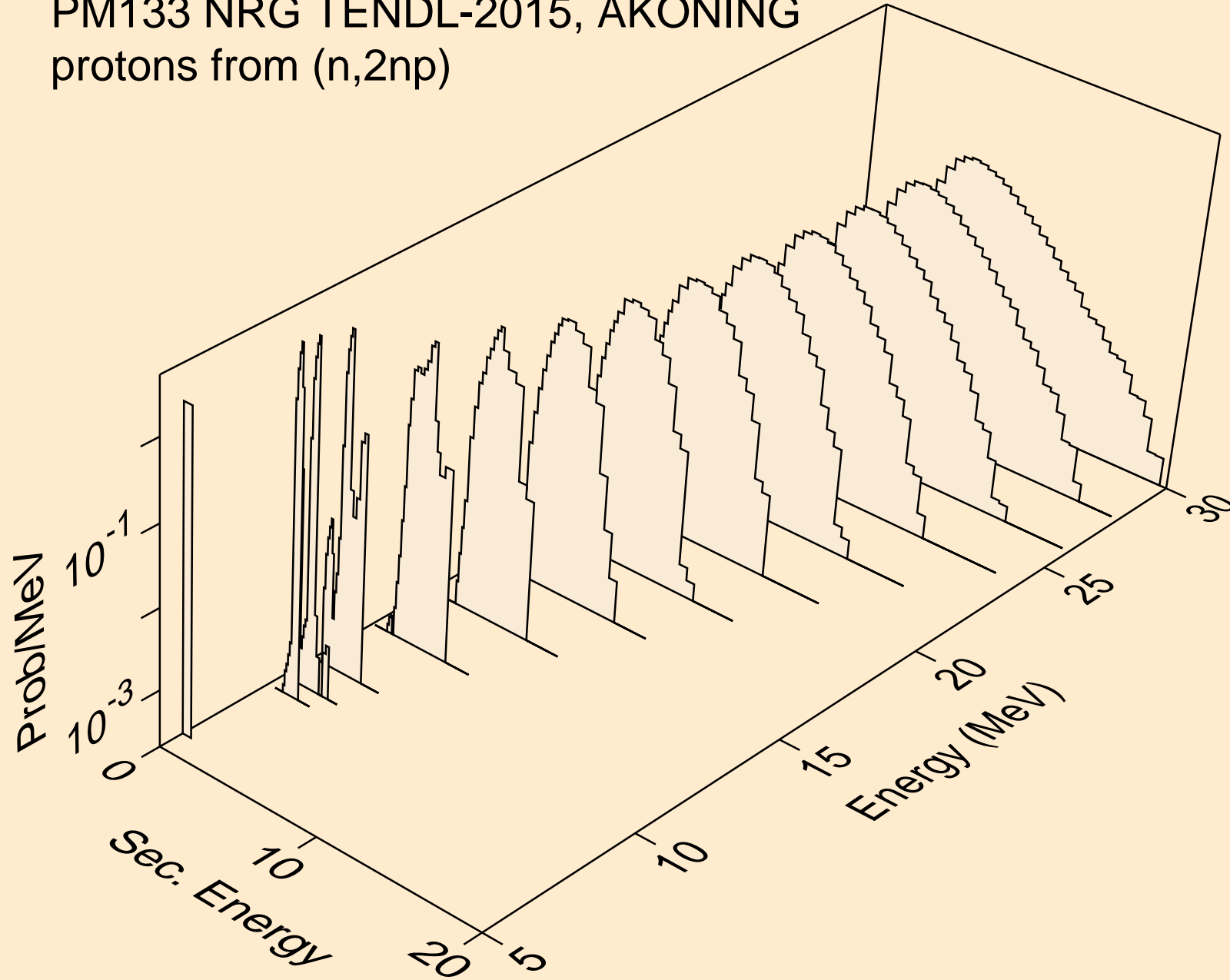
PM133 NRG TENDL-2015, AKONING  
protons from (n,2np)



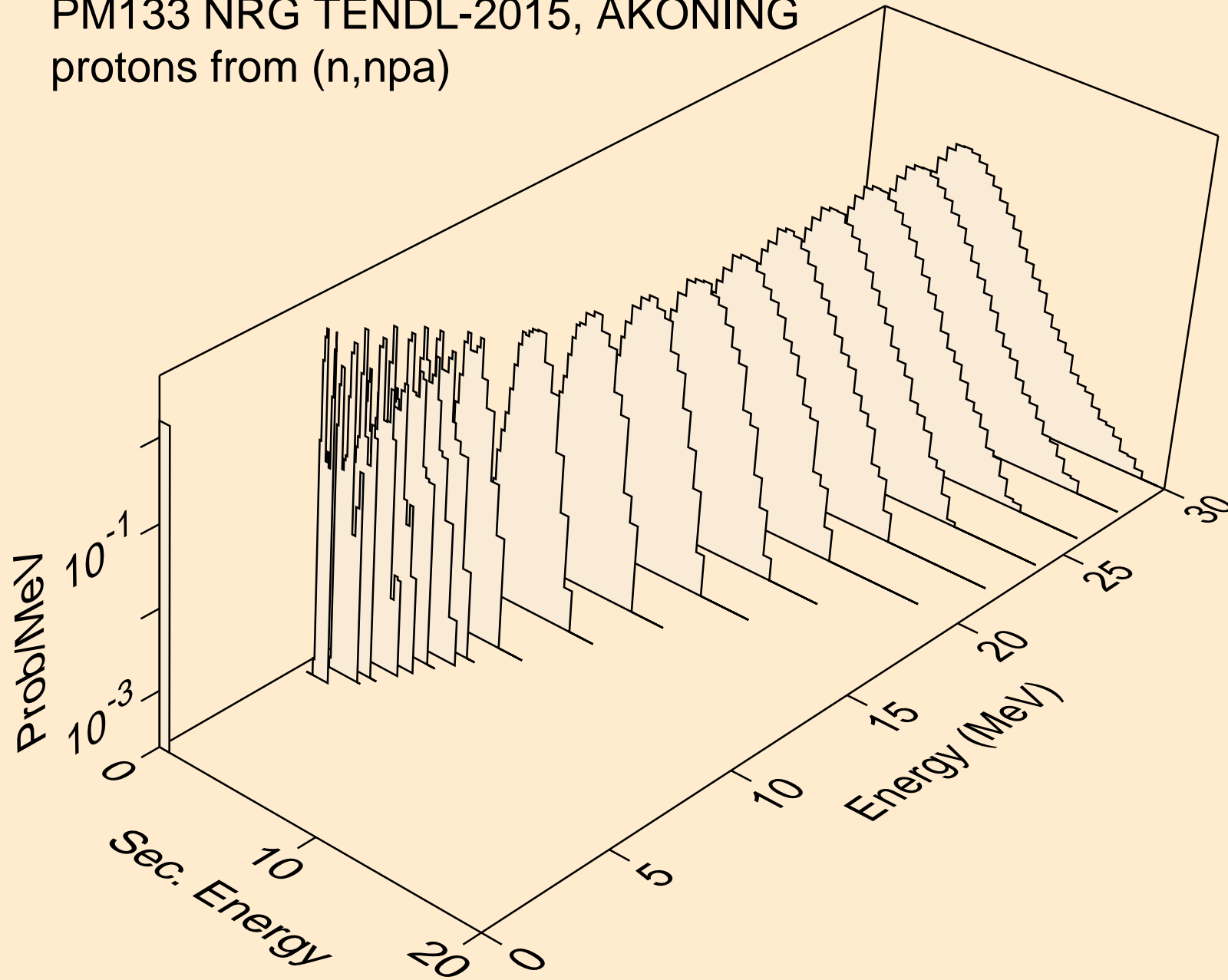
PM133 NRG TENDL-2015, AKONING  
protons from (n,3np)



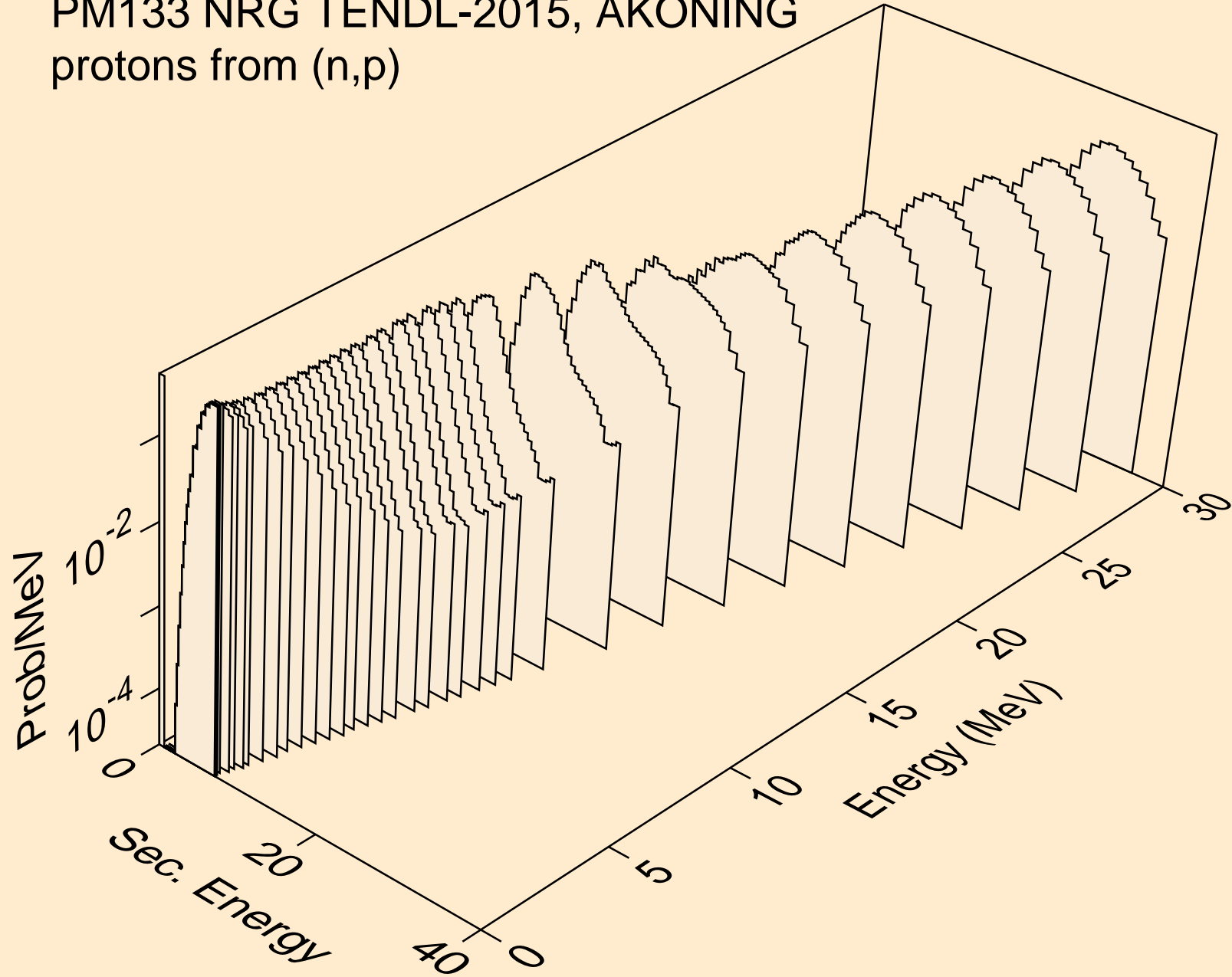
PM133 NRG TENDL-2015, AKONING  
protons from (n,2np)



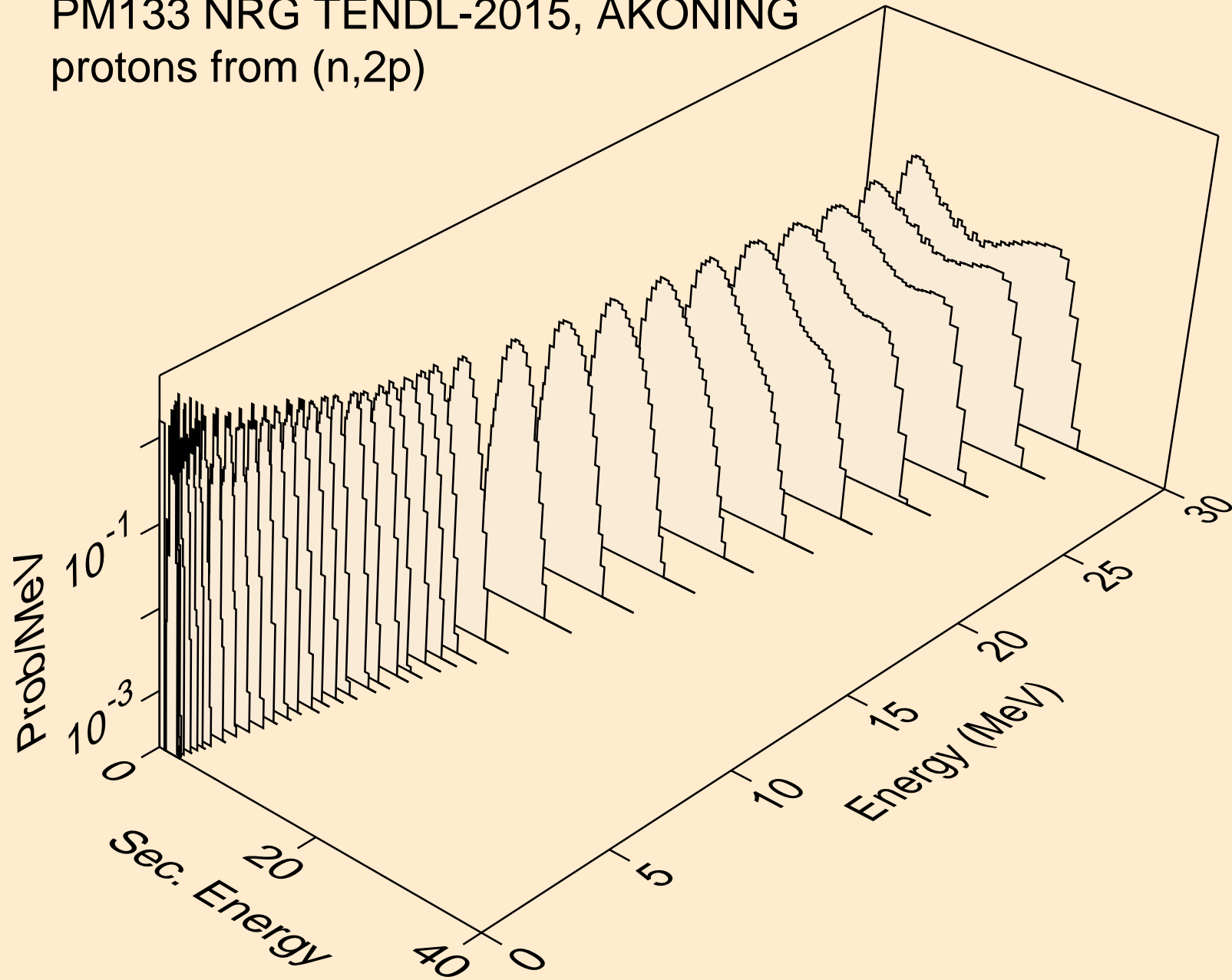
PM133 NRG TENDL-2015, AKONING  
protons from (n,npa)



PM133 NRG TENDL-2015, AKONING  
protons from (n,p)

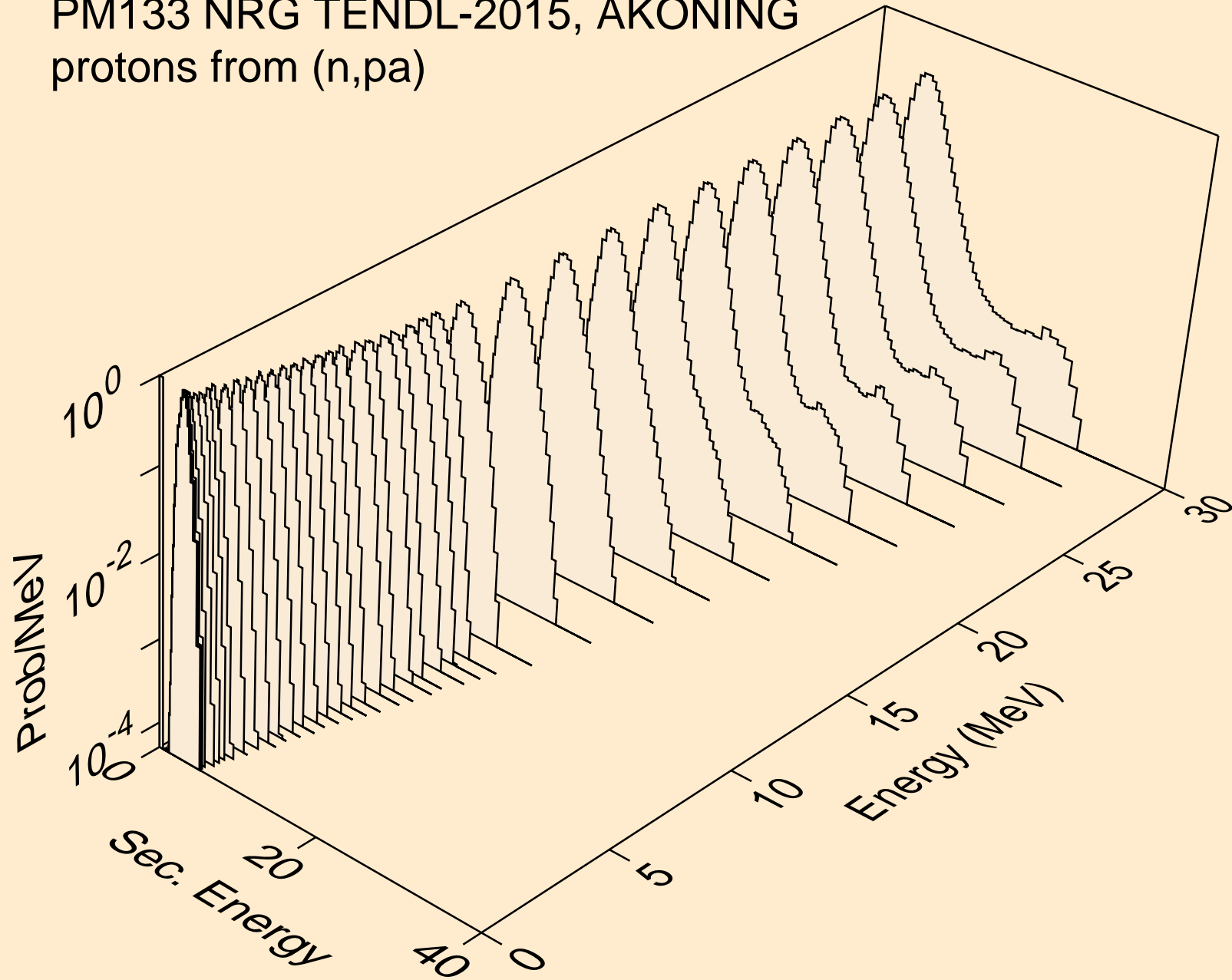


PM133 NRG TENDL-2015, AKONING  
protons from (n,2p)

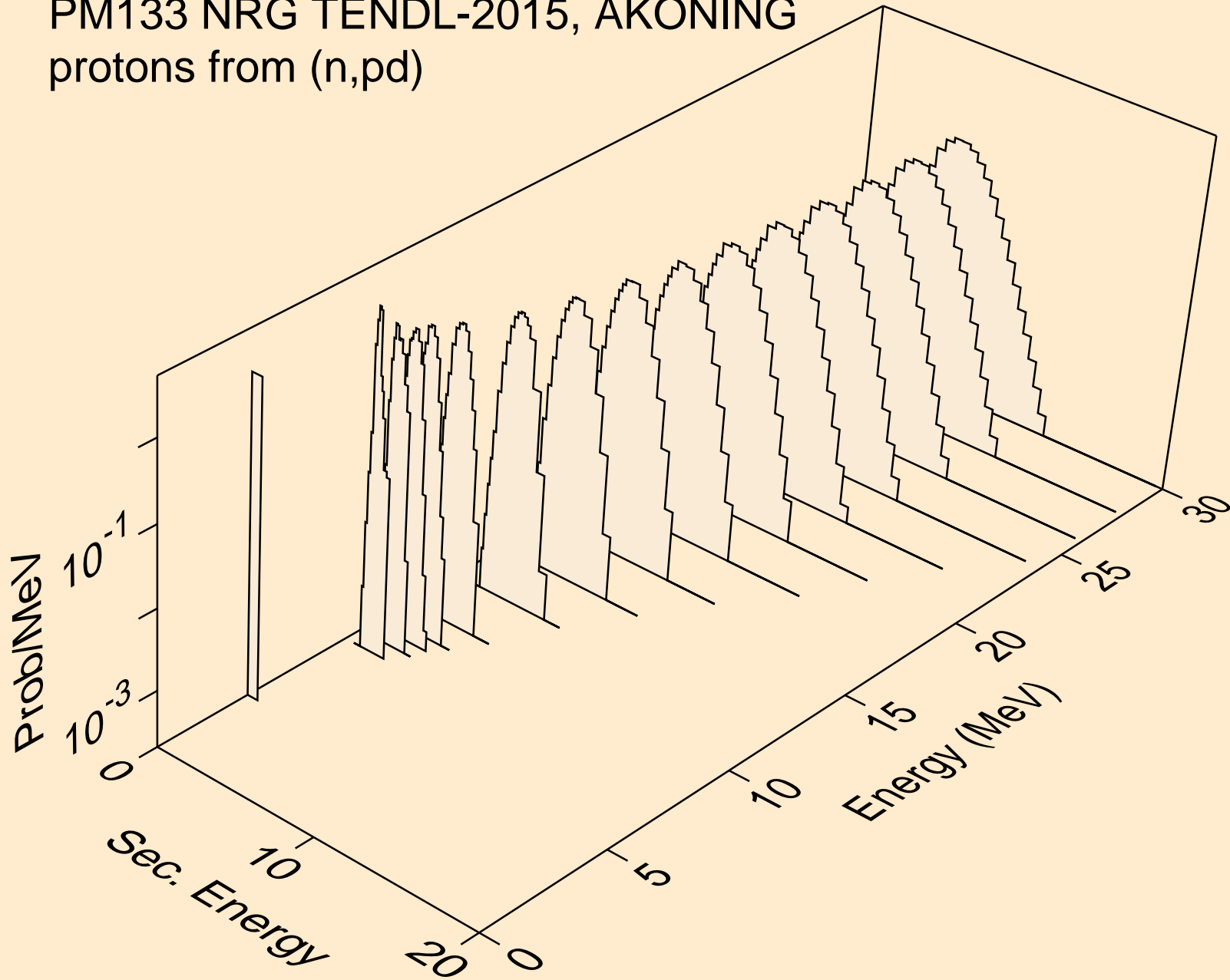




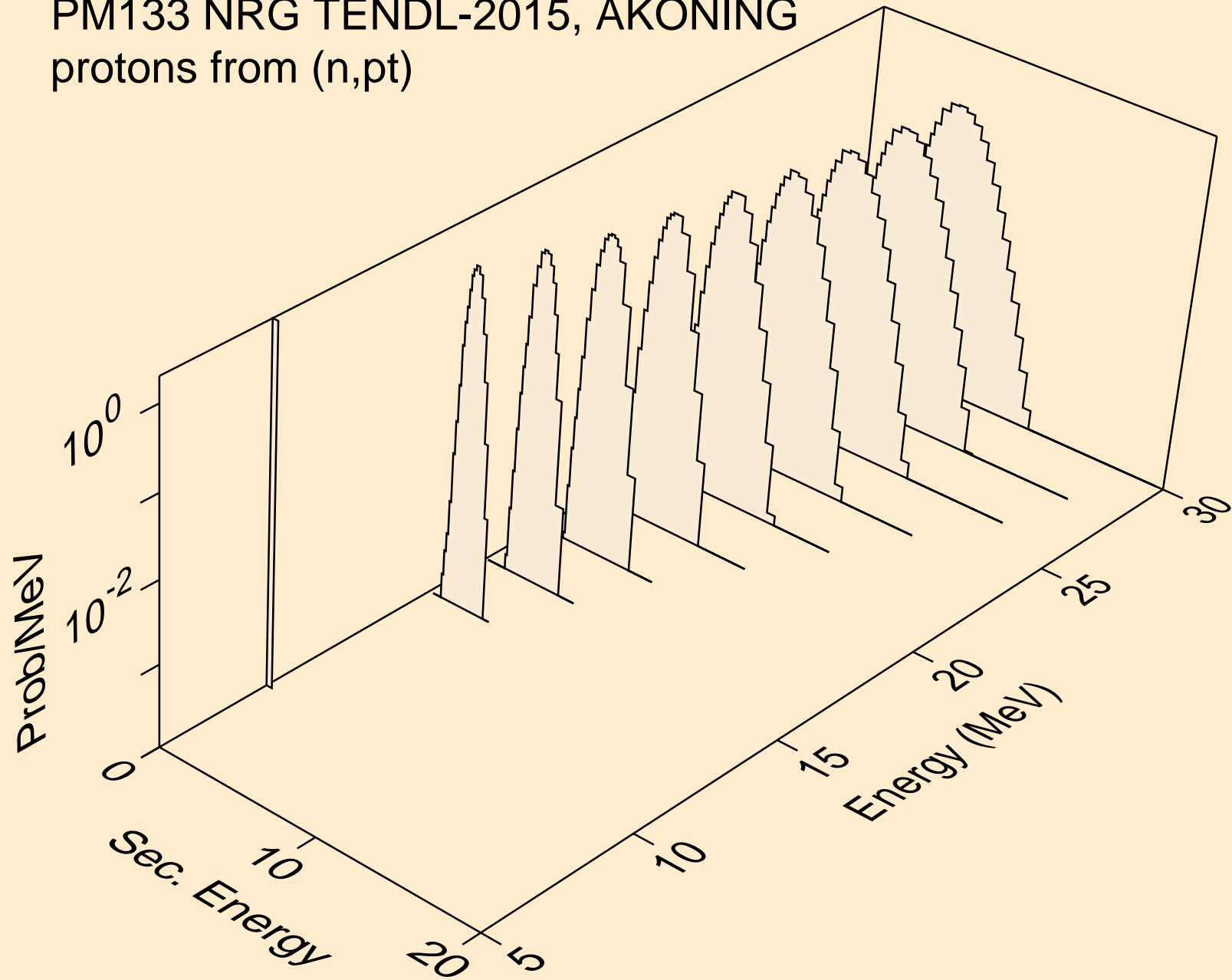
PM133 NRG TENDL-2015, AKONING  
protons from (n,pa)



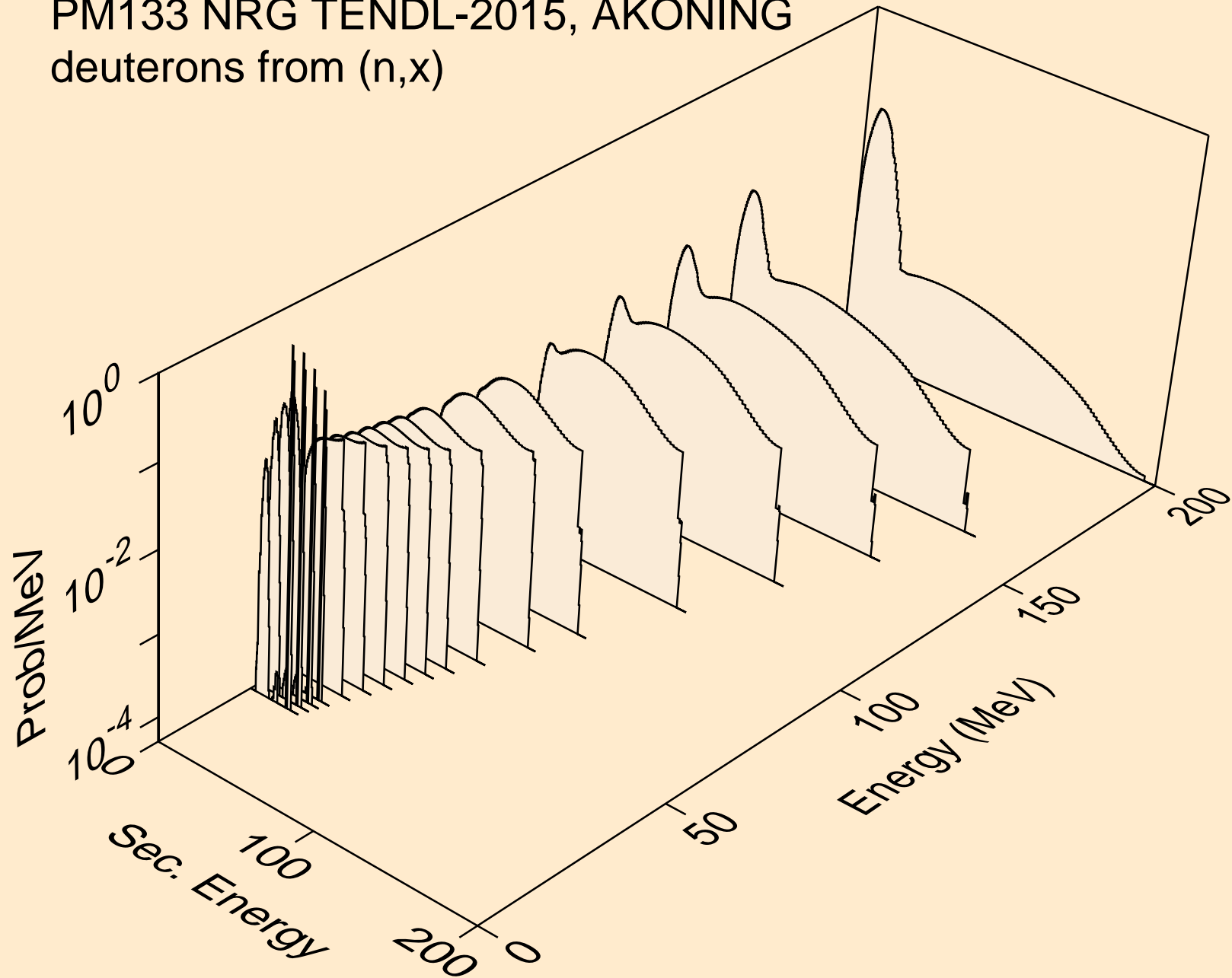
PM133 NRG TENDL-2015, AKONING  
protons from (n,pd)



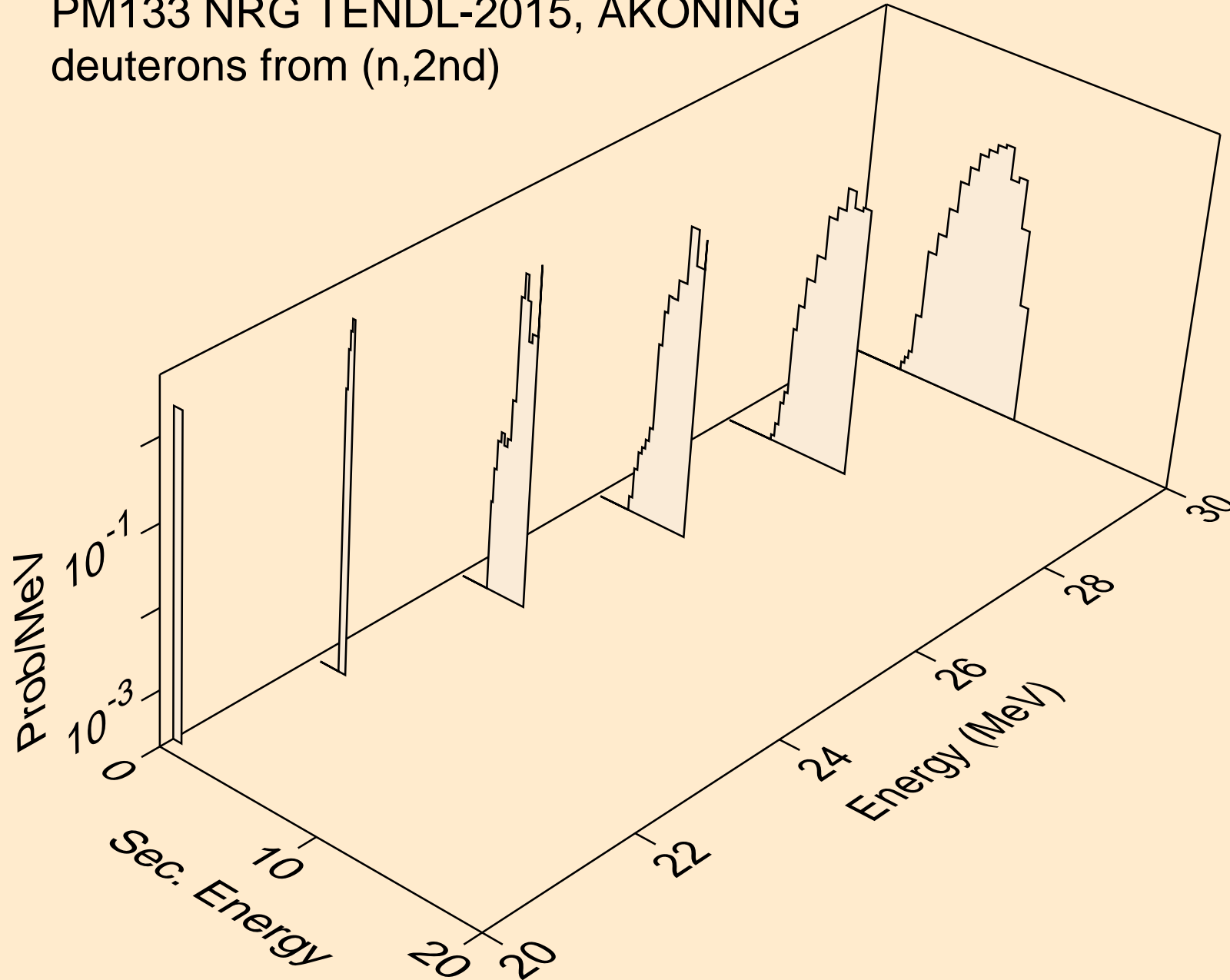
PM133 NRG TENDL-2015, AKONING  
protons from (n,pt)



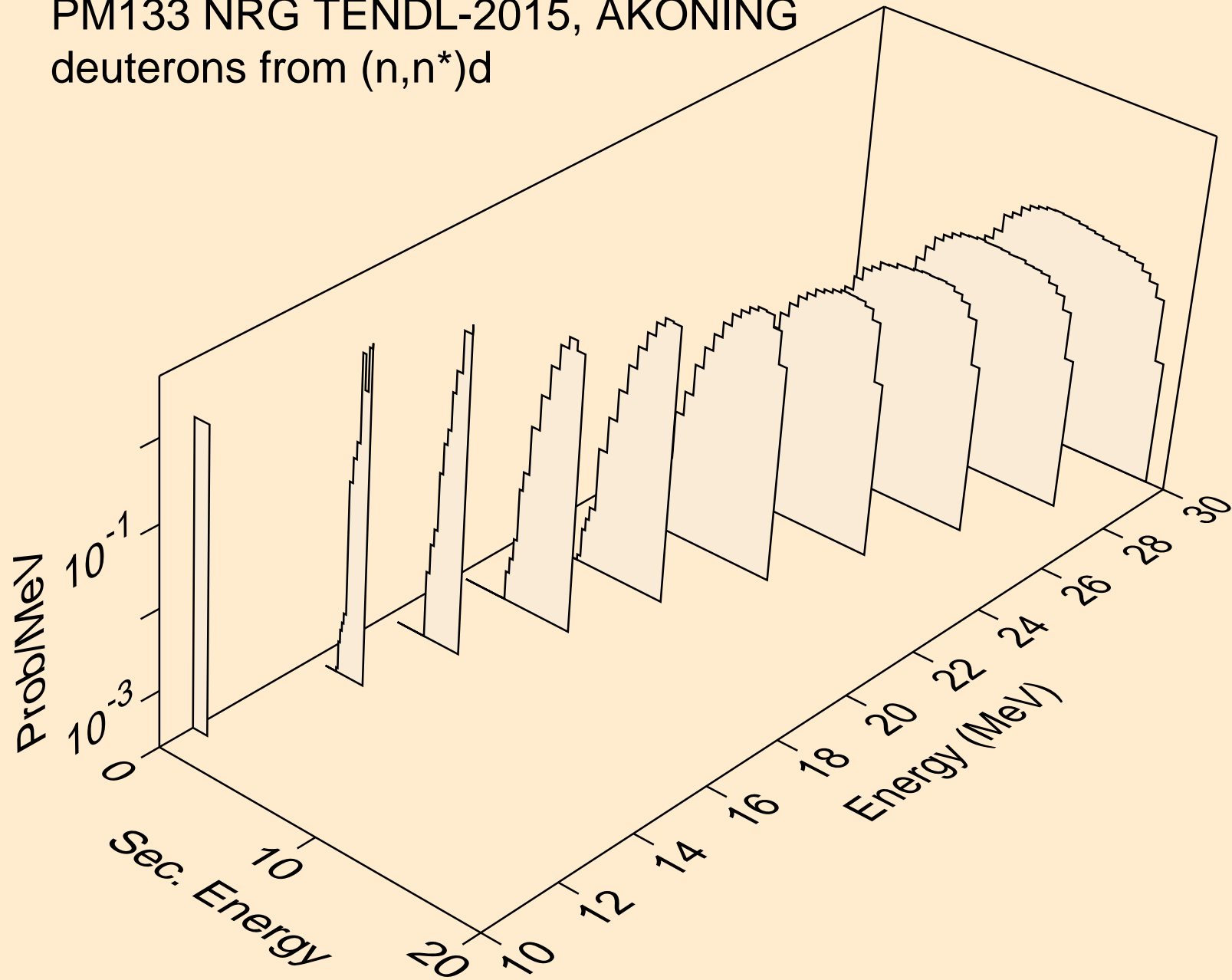
PM133 NRG TENDL-2015, AKONING  
deuterons from (n,x)



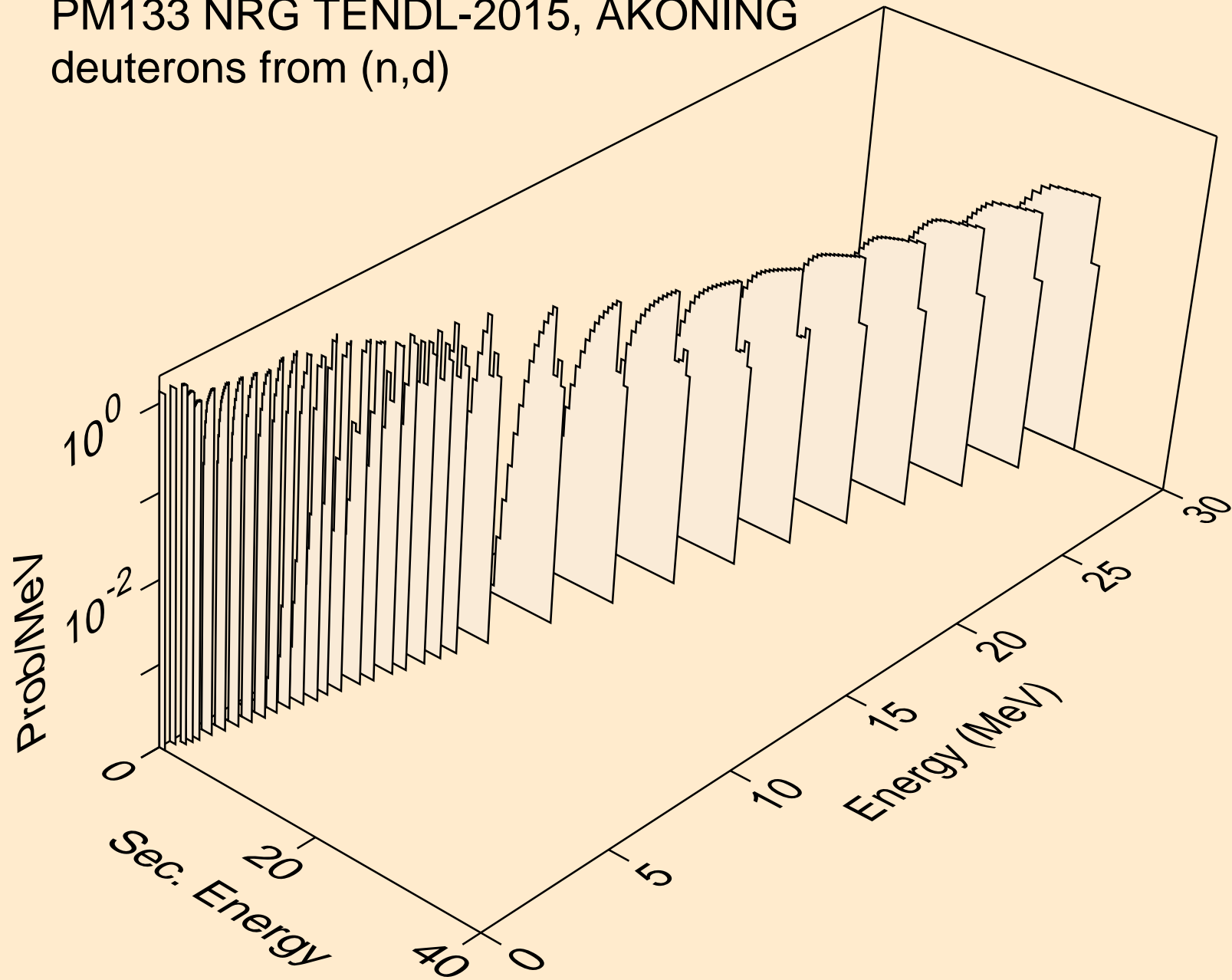
PM133 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



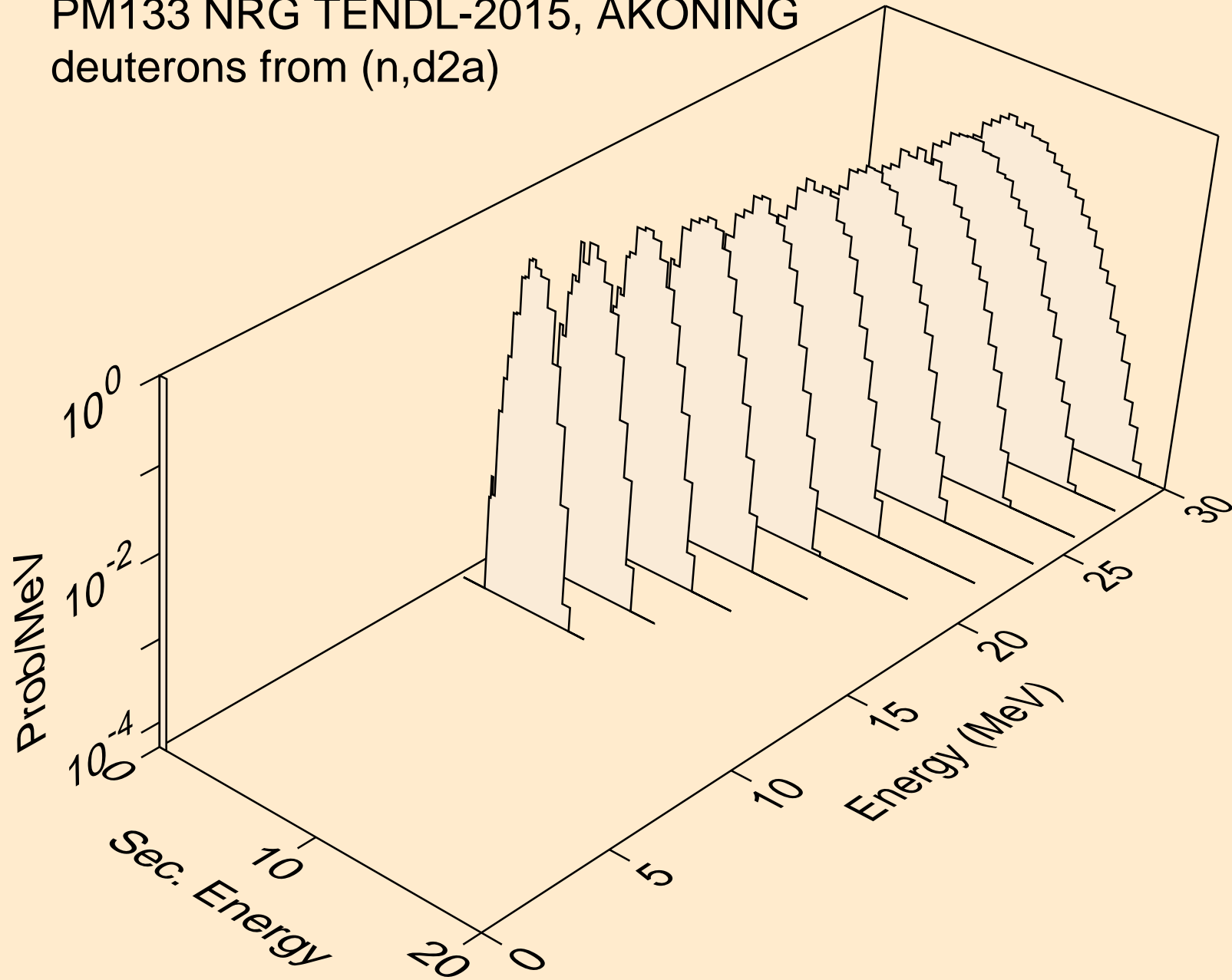
PM133 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PM133 NRG TENDL-2015, AKONING  
deuterons from (n,d)

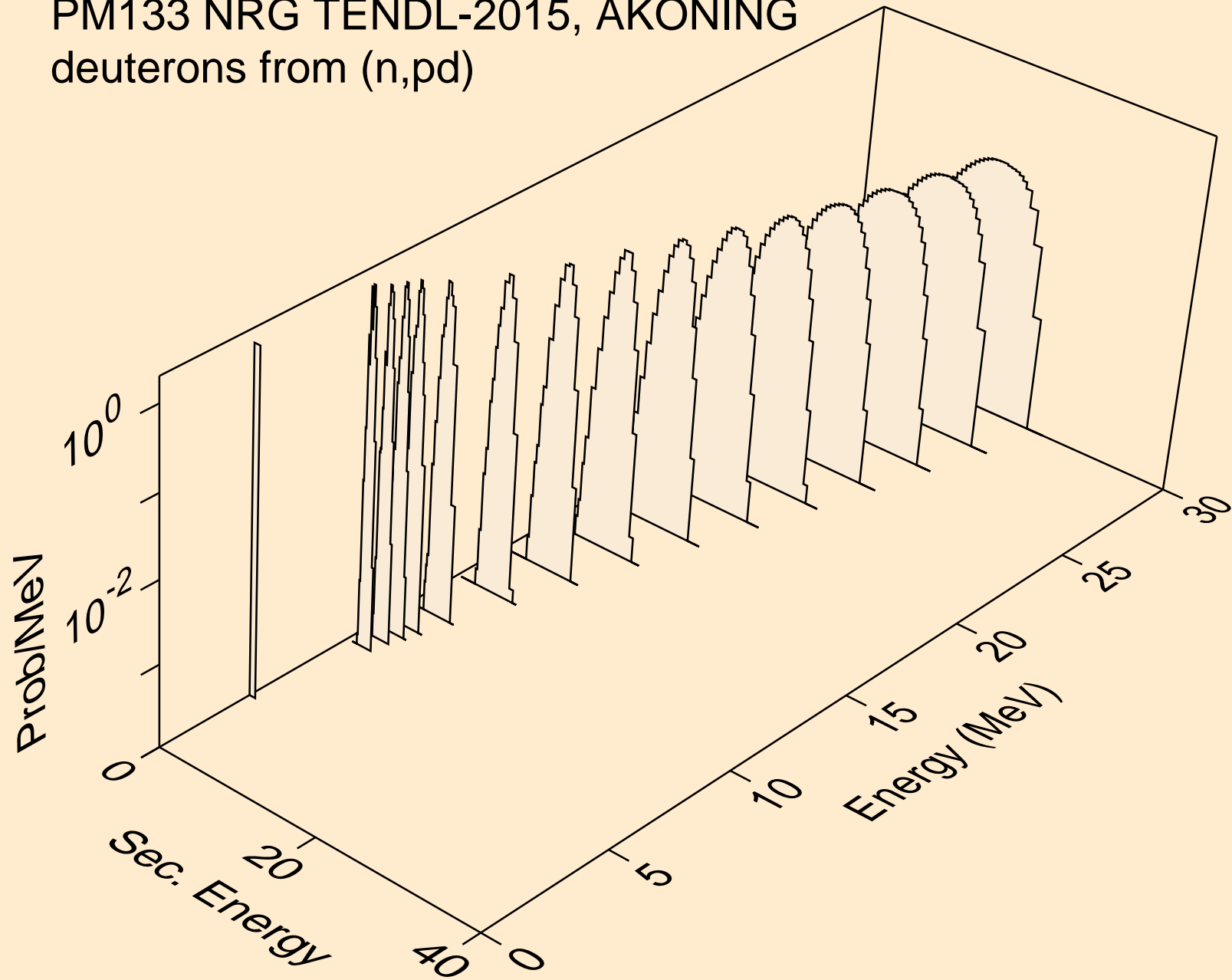


PM133 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

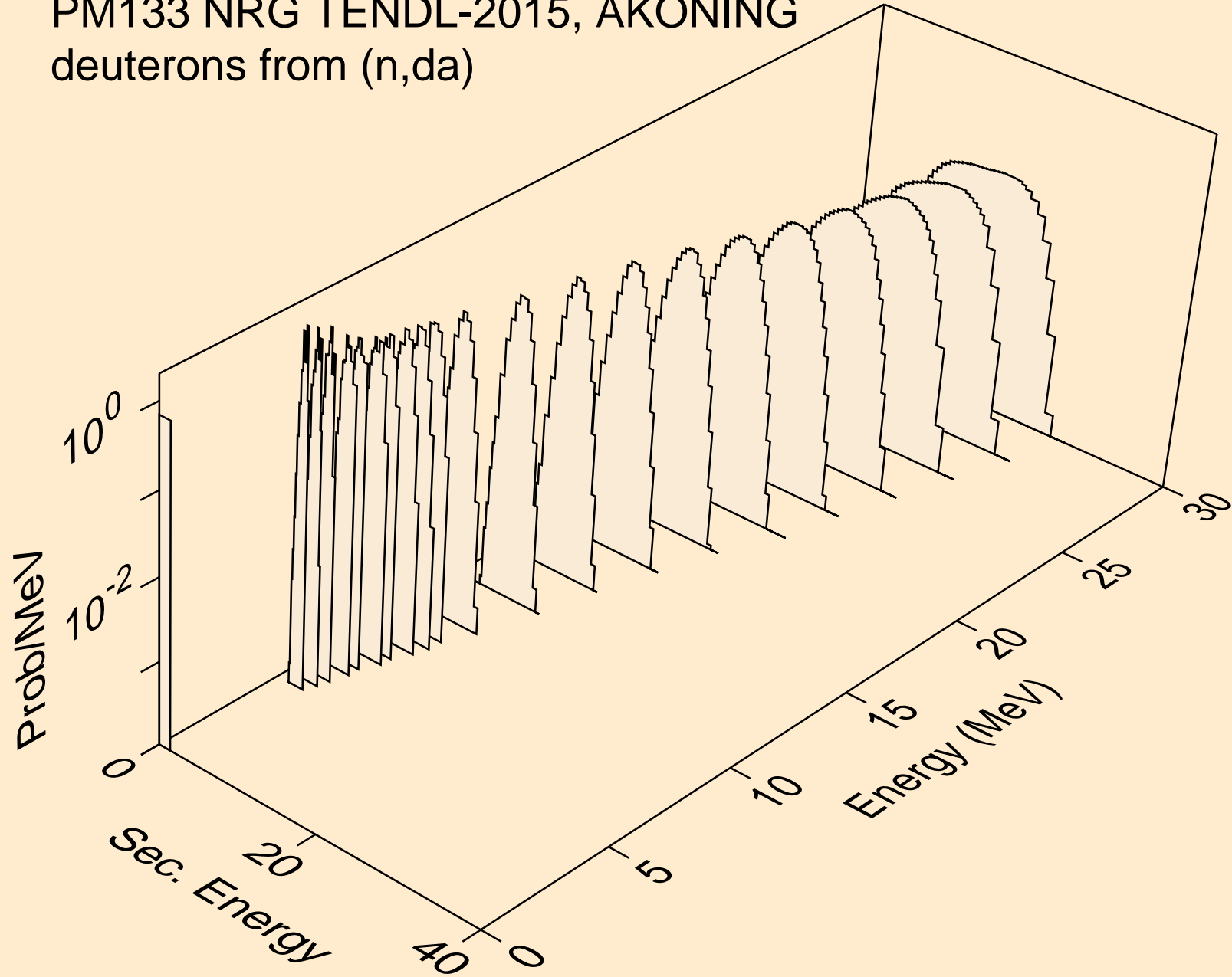




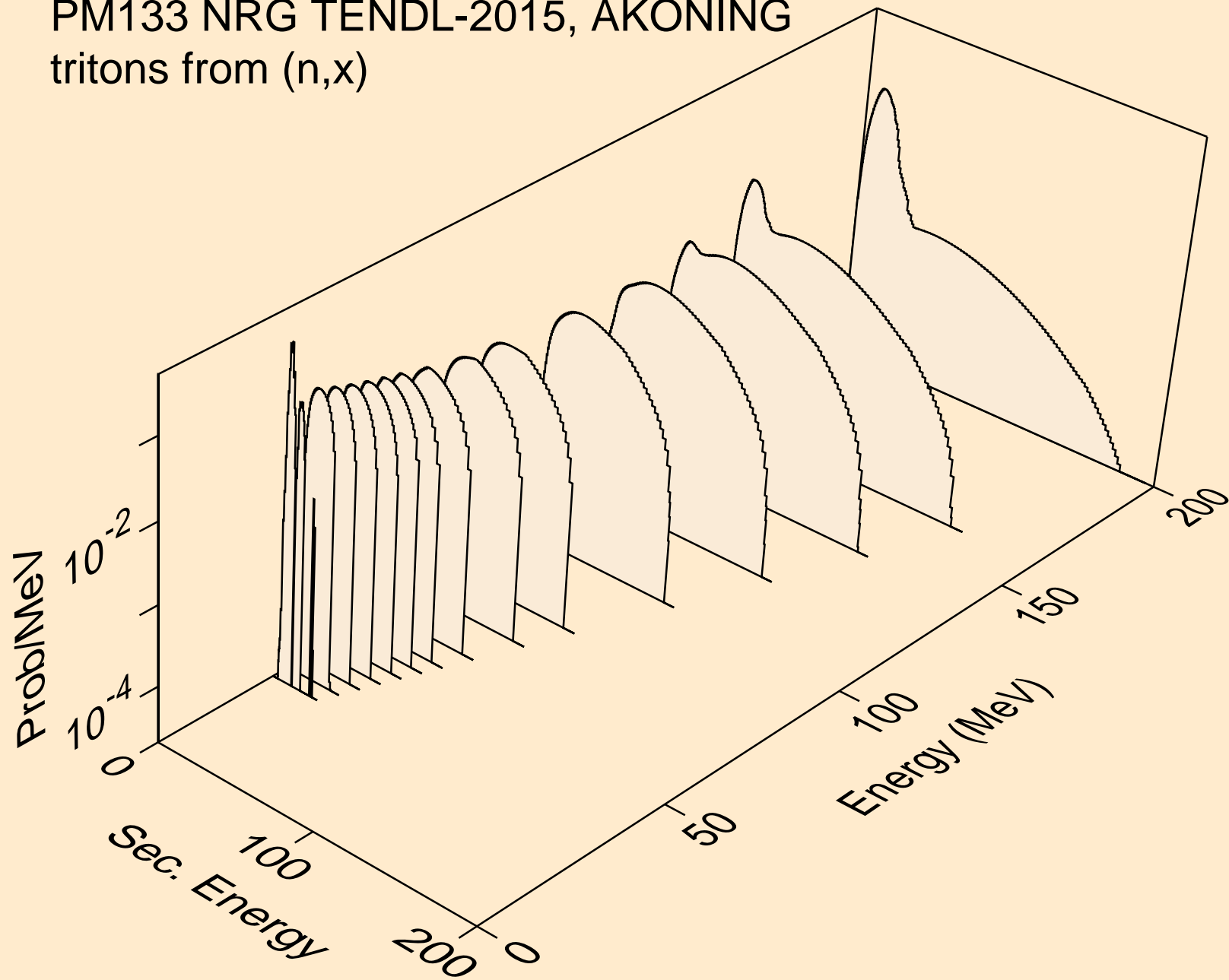
PM133 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



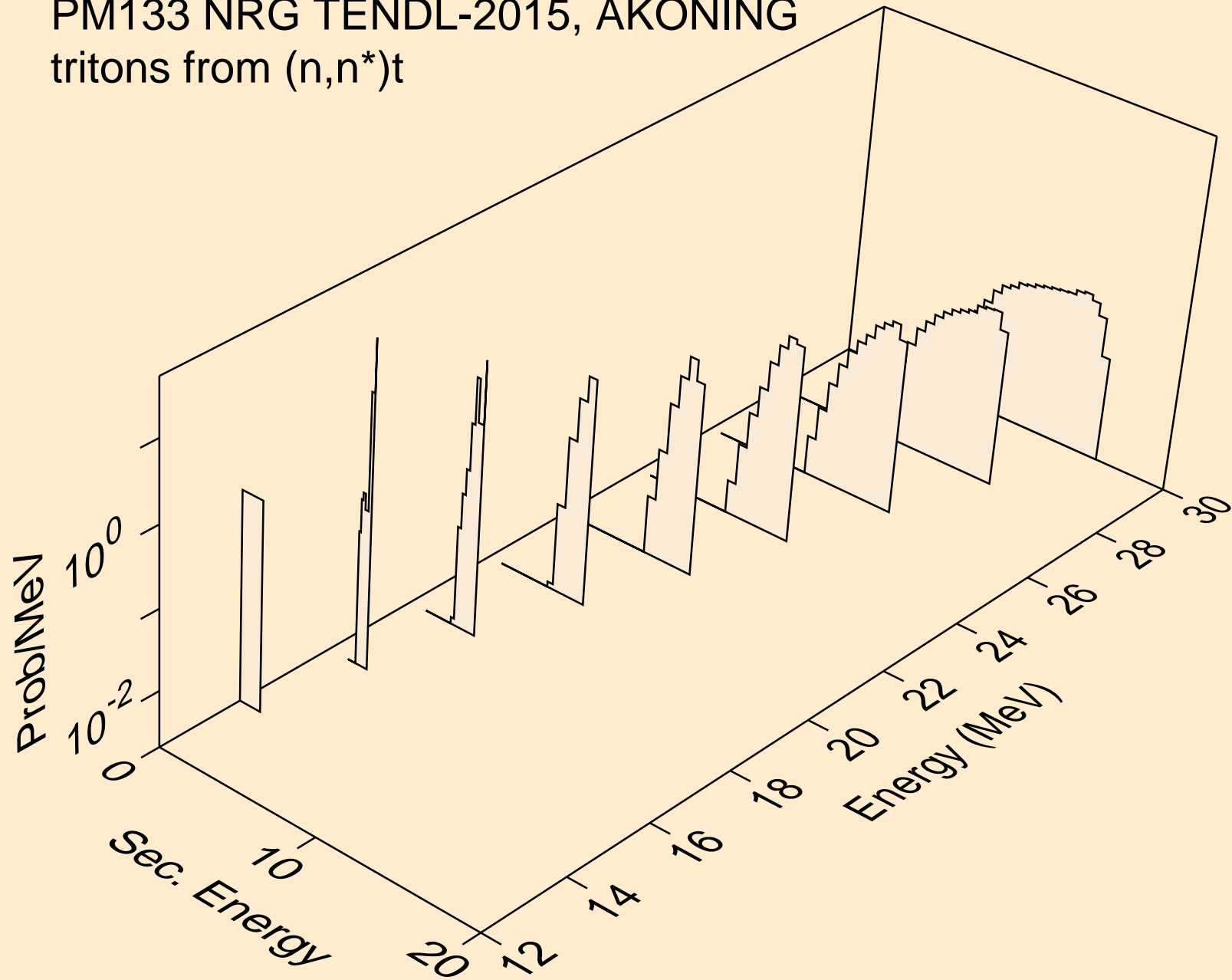
PM133 NRG TENDL-2015, AKONING  
deuterons from (n,da)



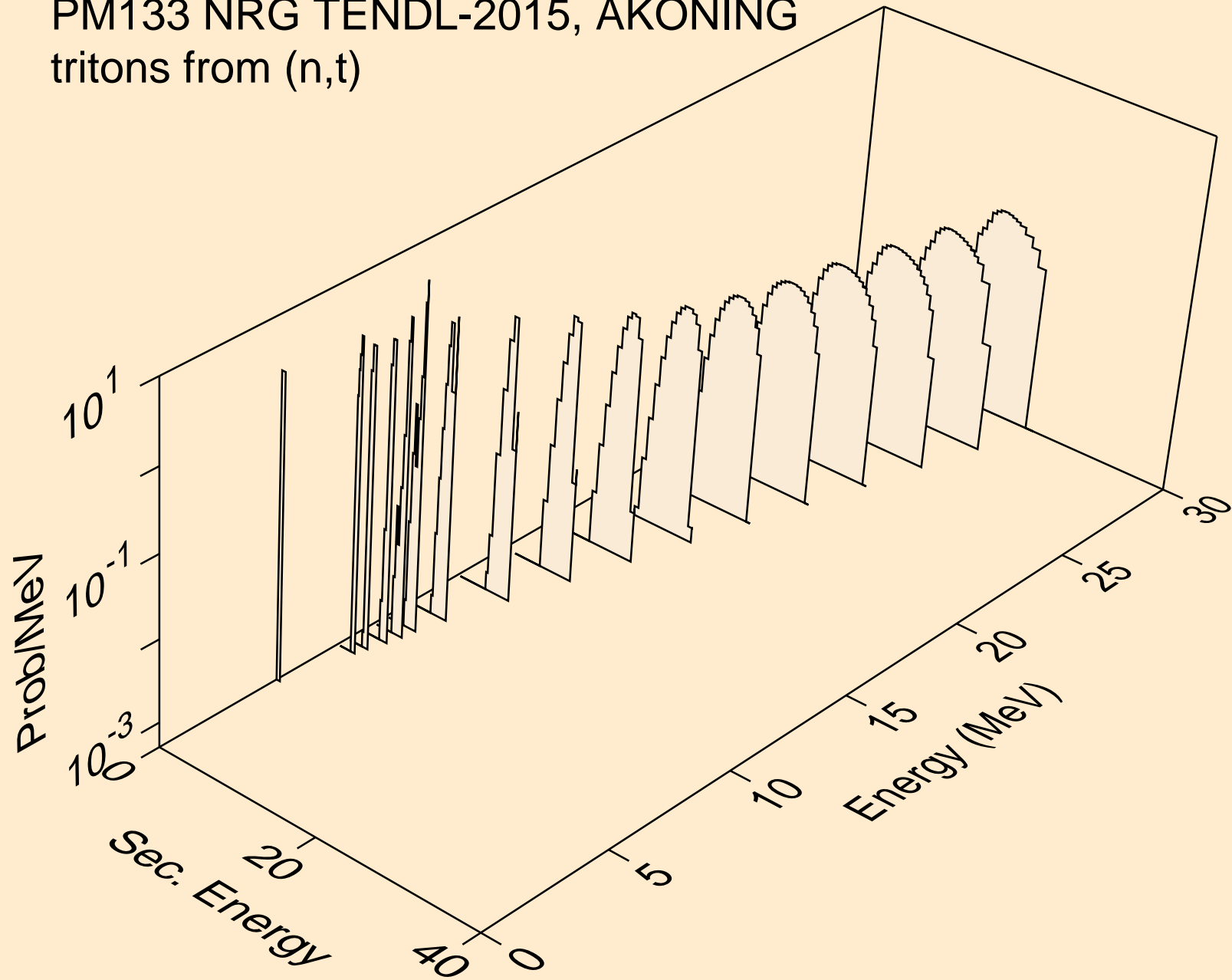
PM133 NRG TENDL-2015, AKONING  
tritons from (n,x)



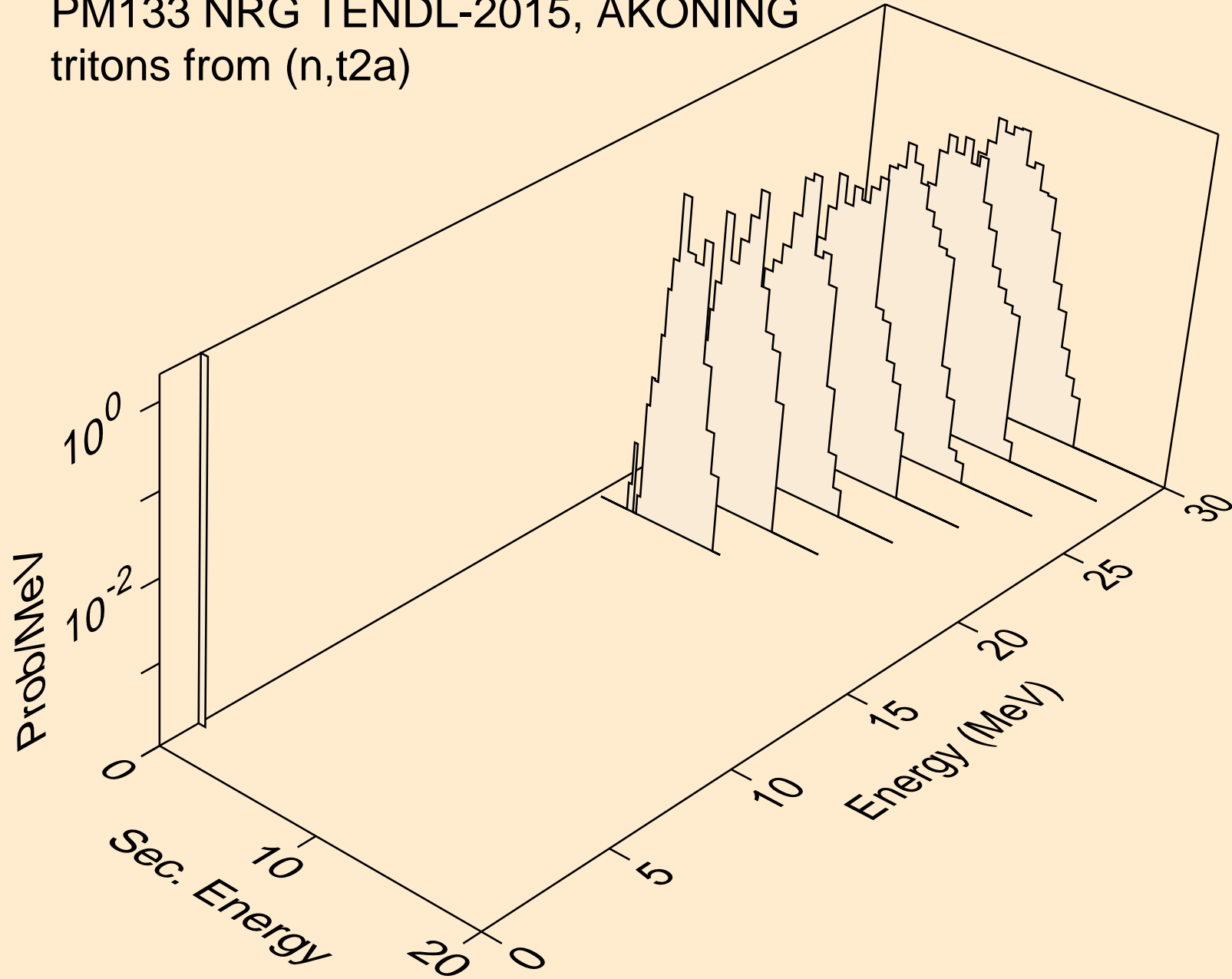
PM133 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



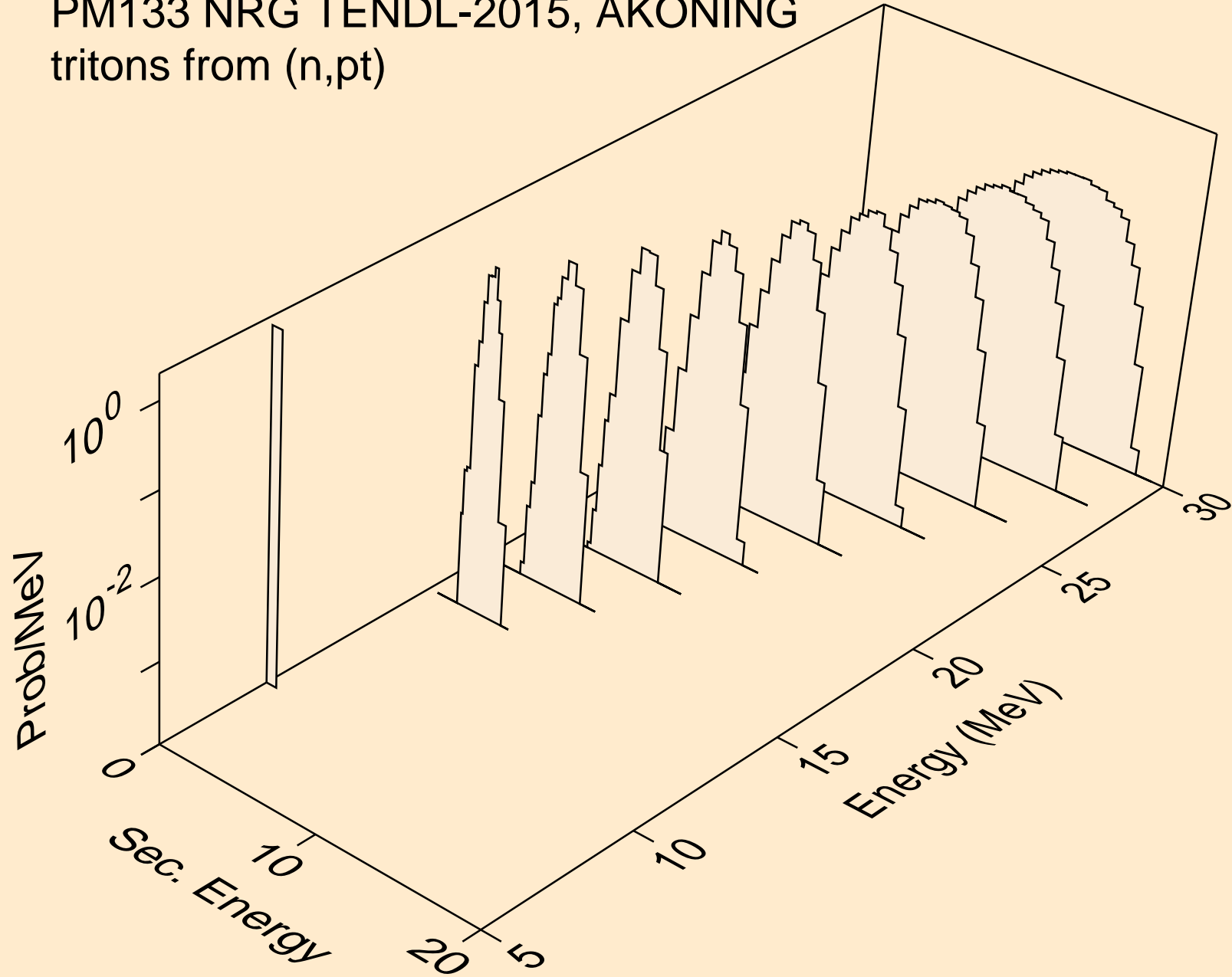
PM133 NRG TENDL-2015, AKONING  
tritons from (n,t)



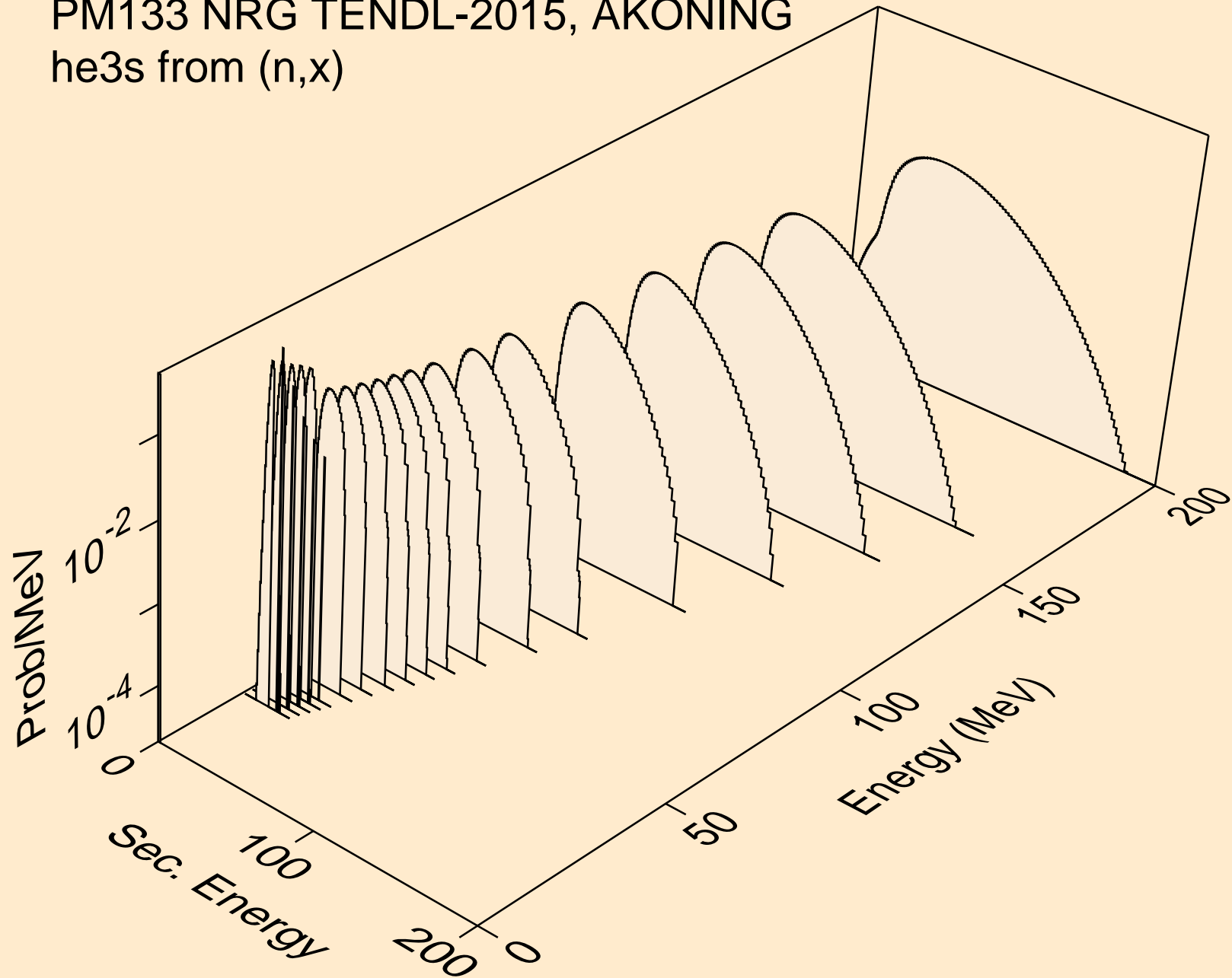
PM133 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



PM133 NRG TENDL-2015, AKONING  
tritons from (n,pt)

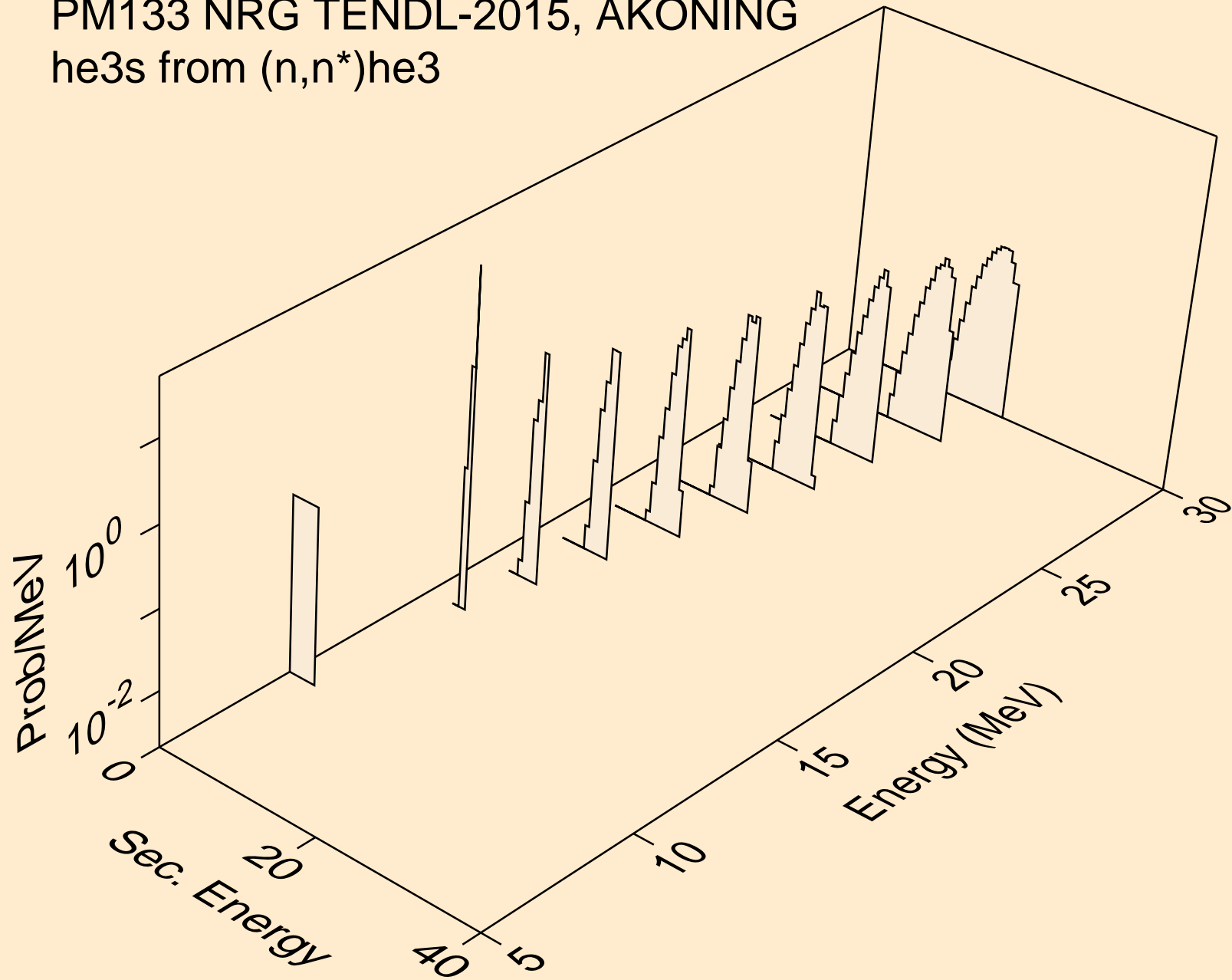


PM133 NRG TENDL-2015, AKONING  
he3s from (n,x)

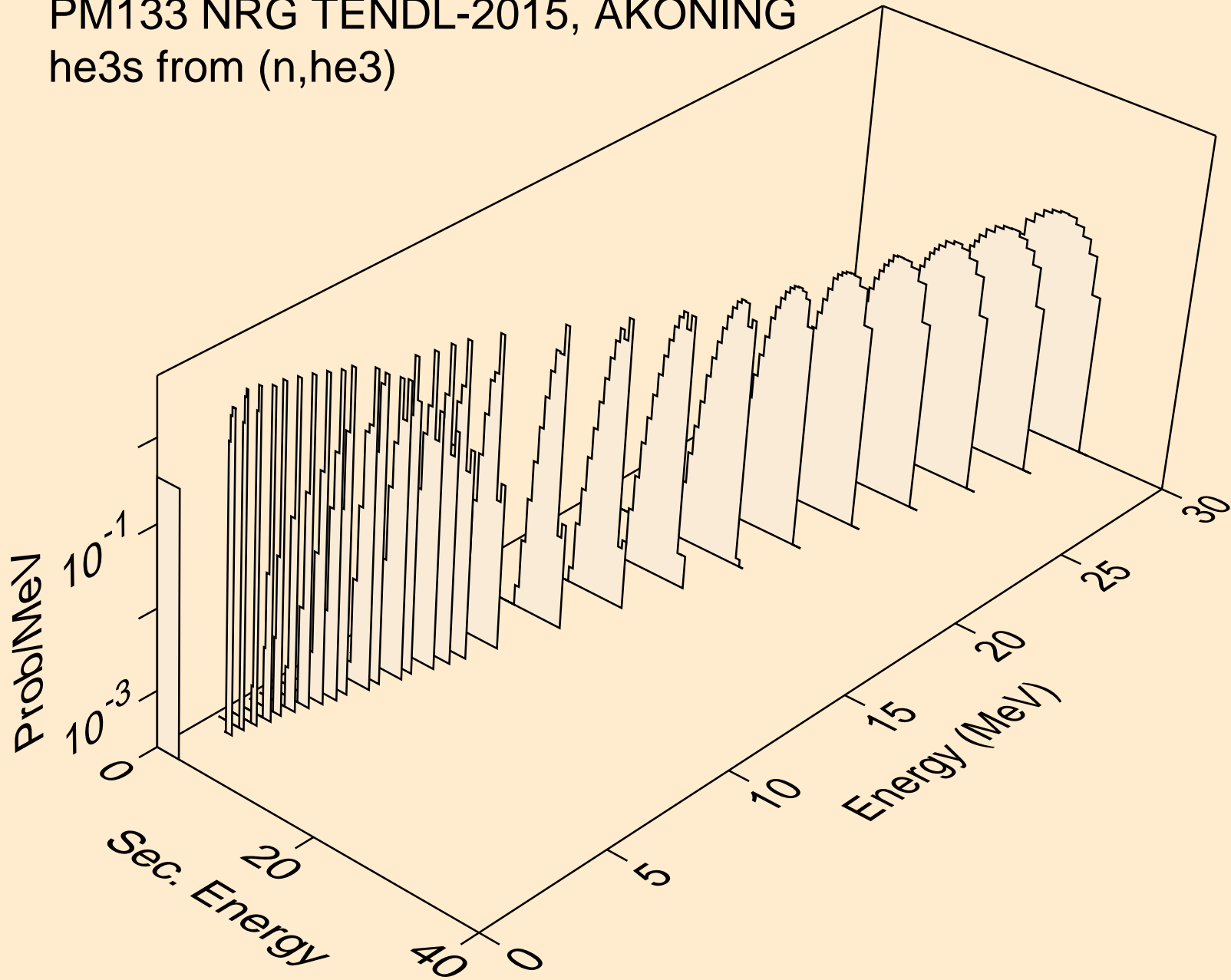




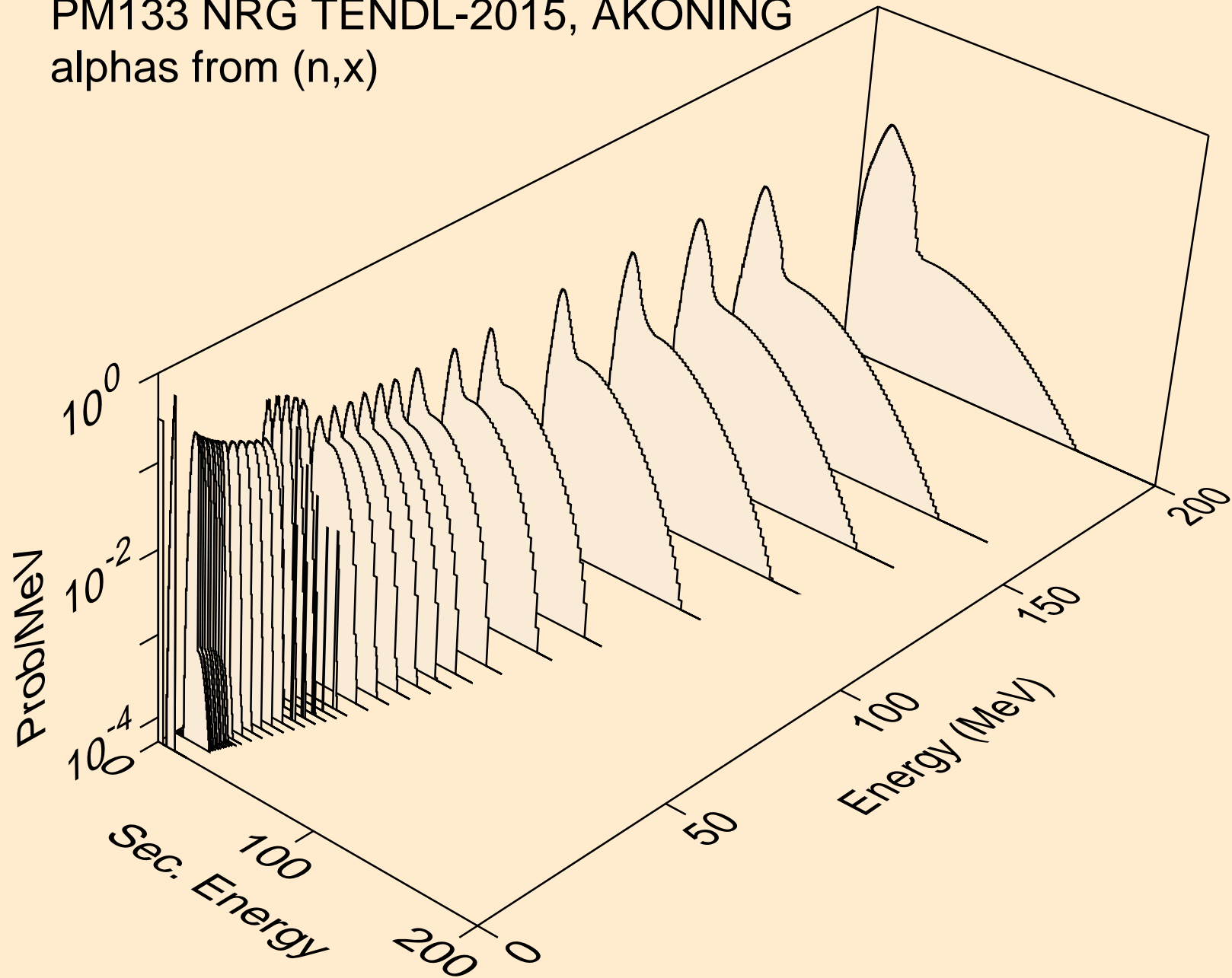
PM133 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



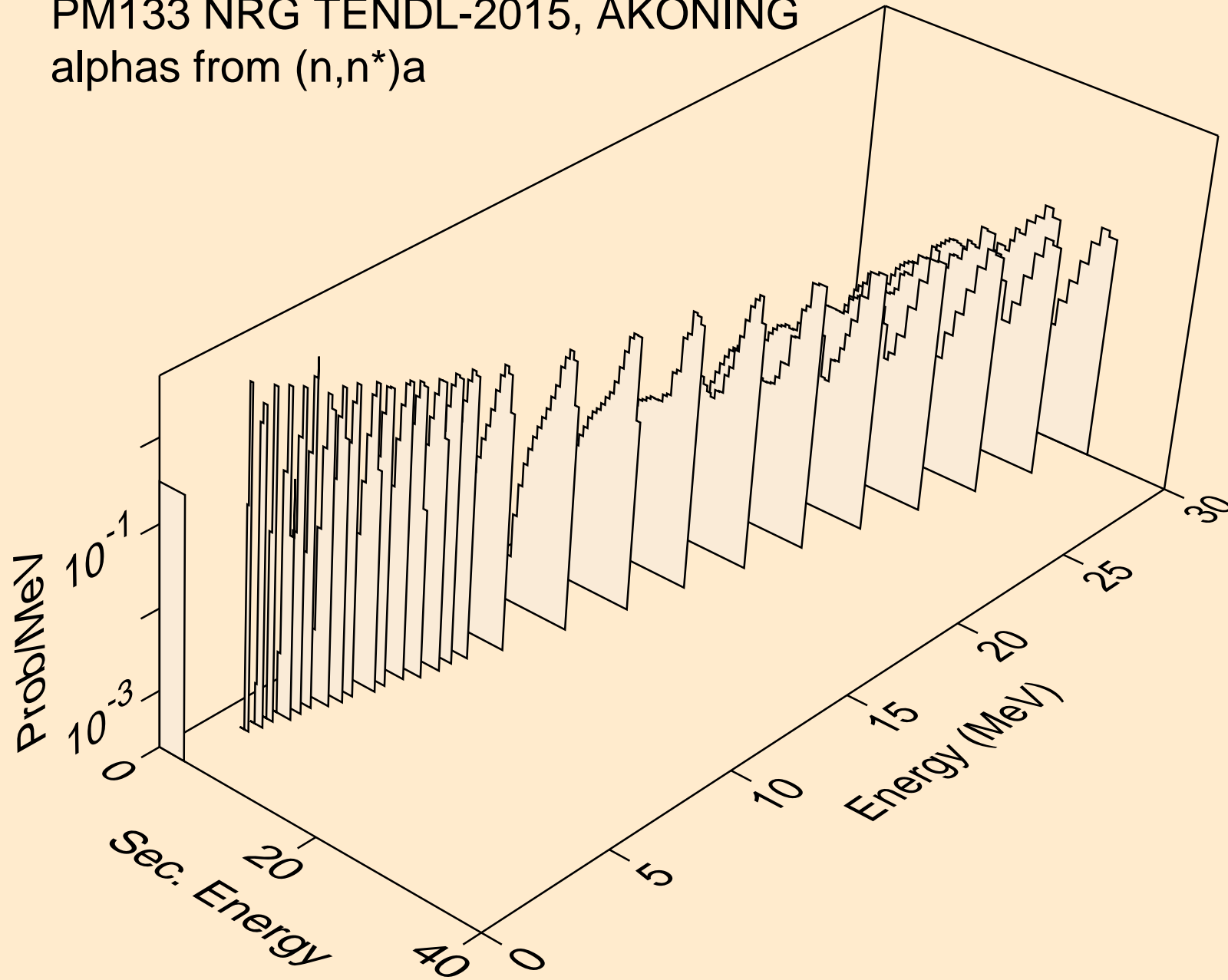
PM133 NRG TENDL-2015, AKONING  
he3s from (n,he3)



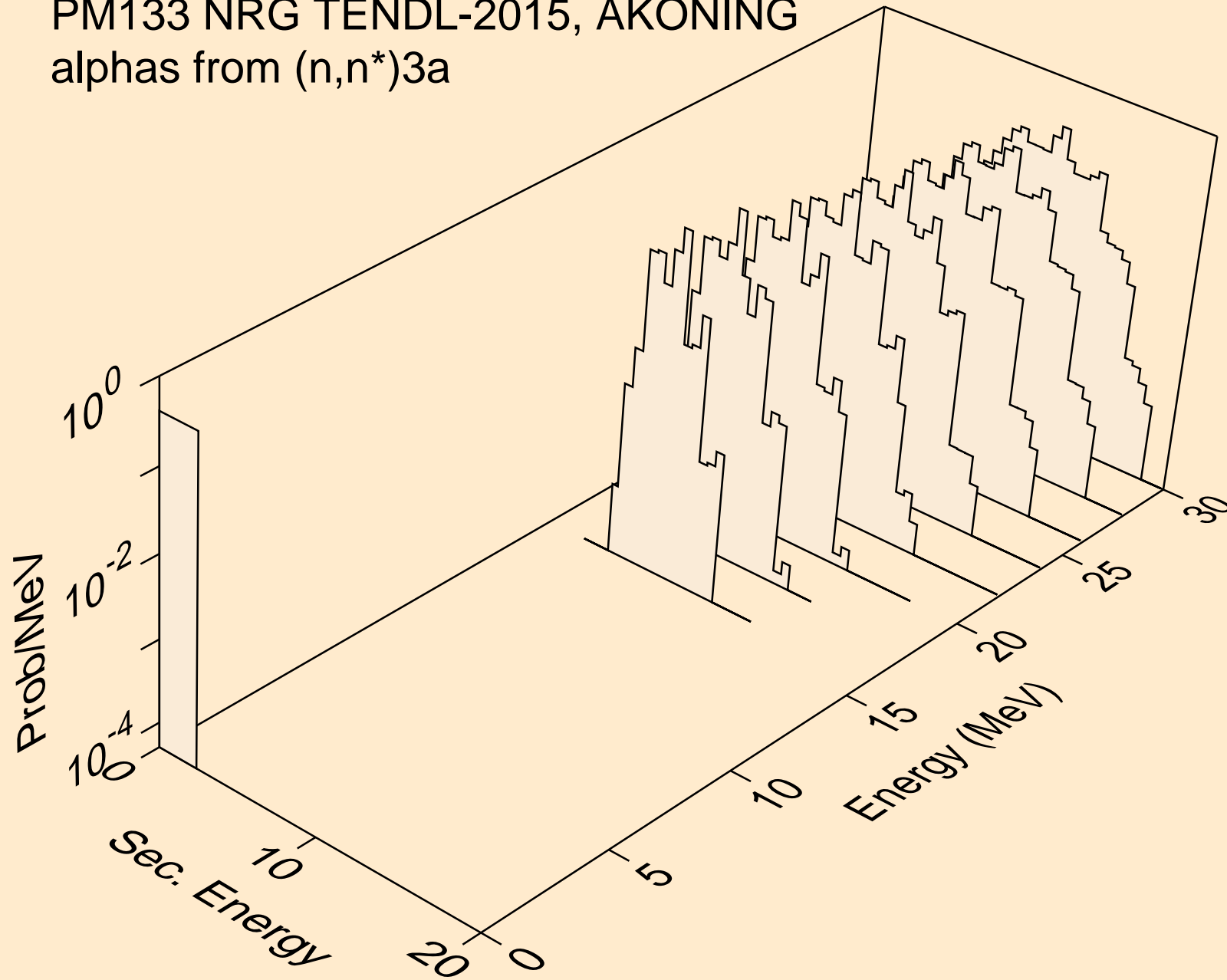
PM133 NRG TENDL-2015, AKONING  
alphas from (n,x)



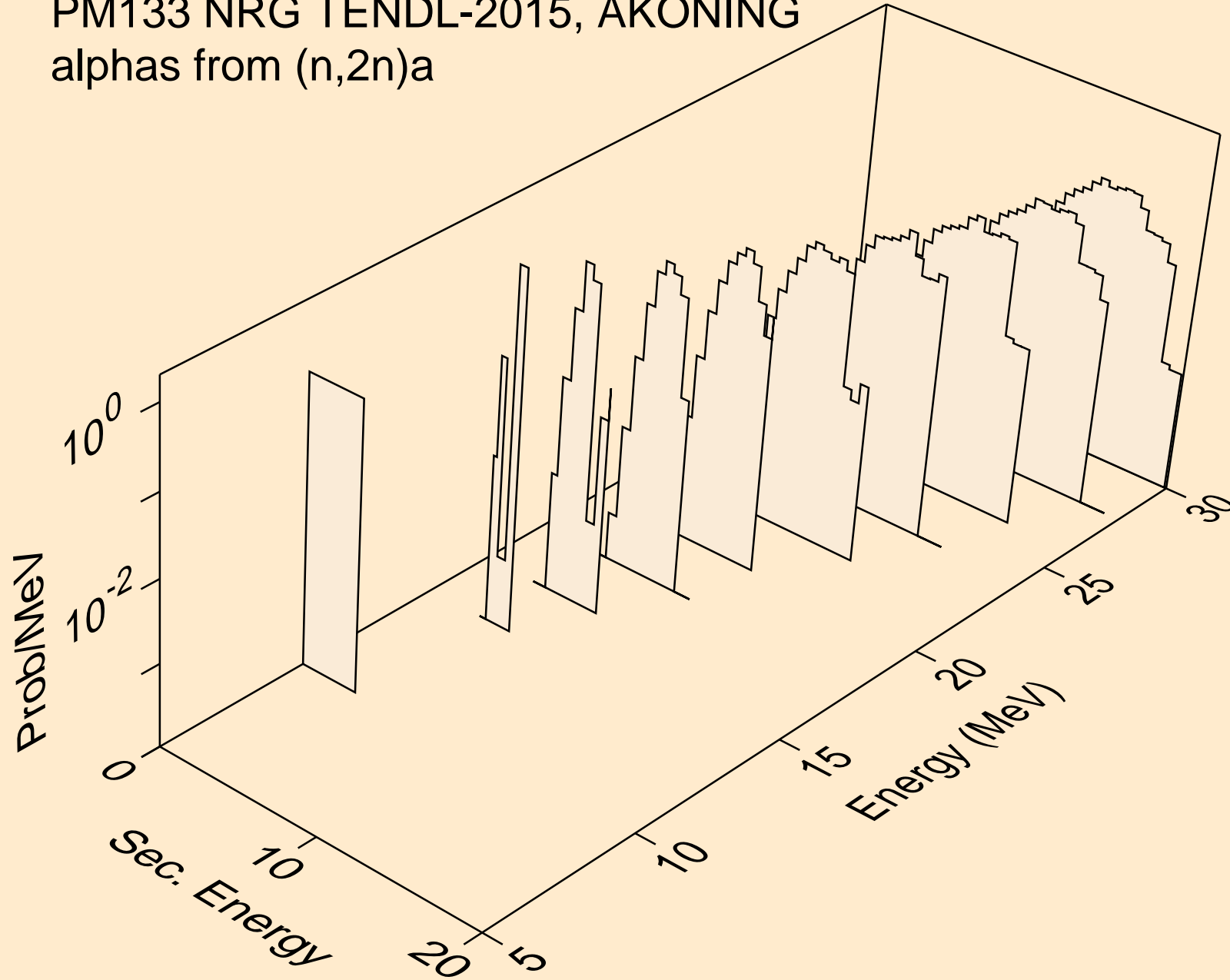
PM133 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



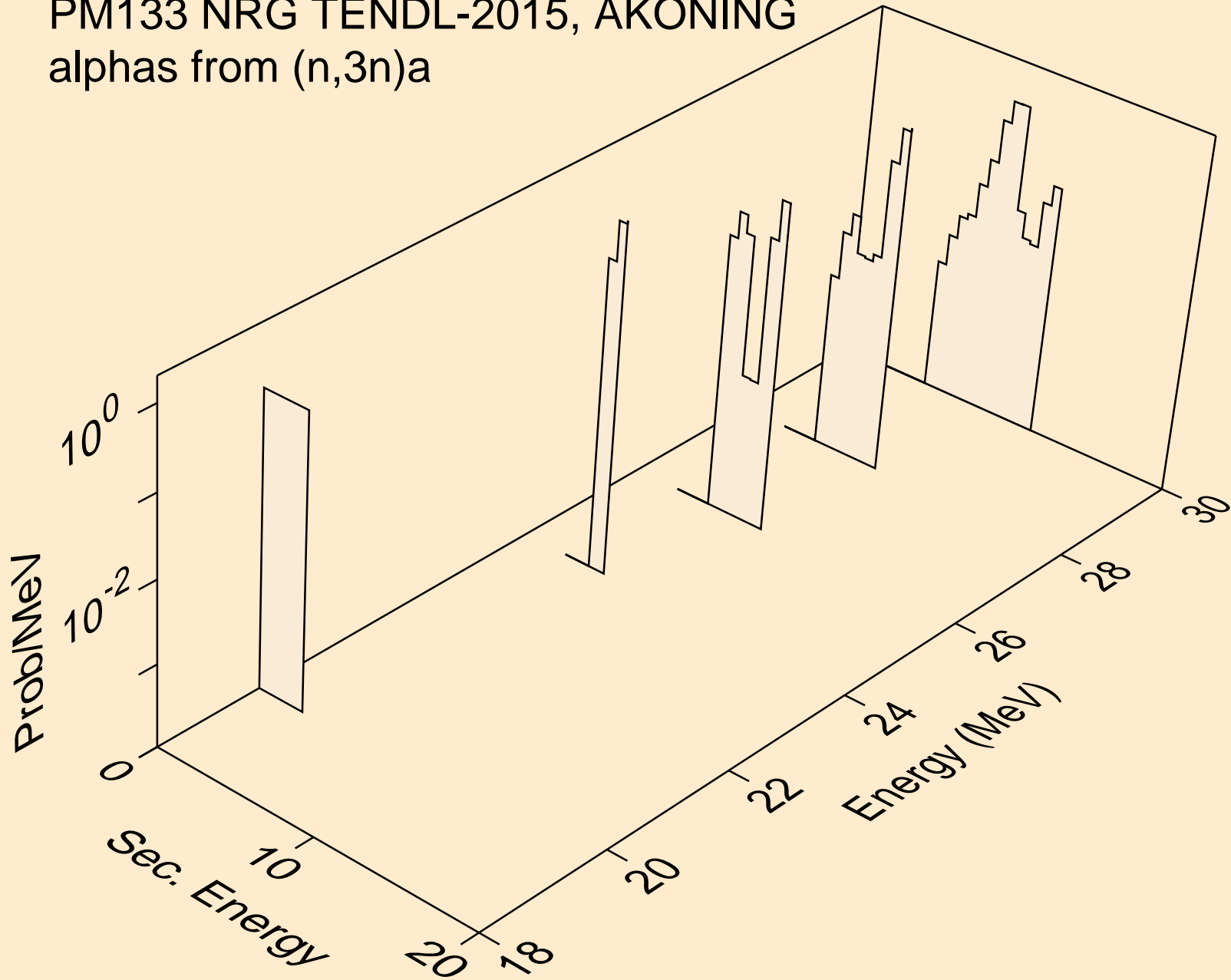
PM133 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



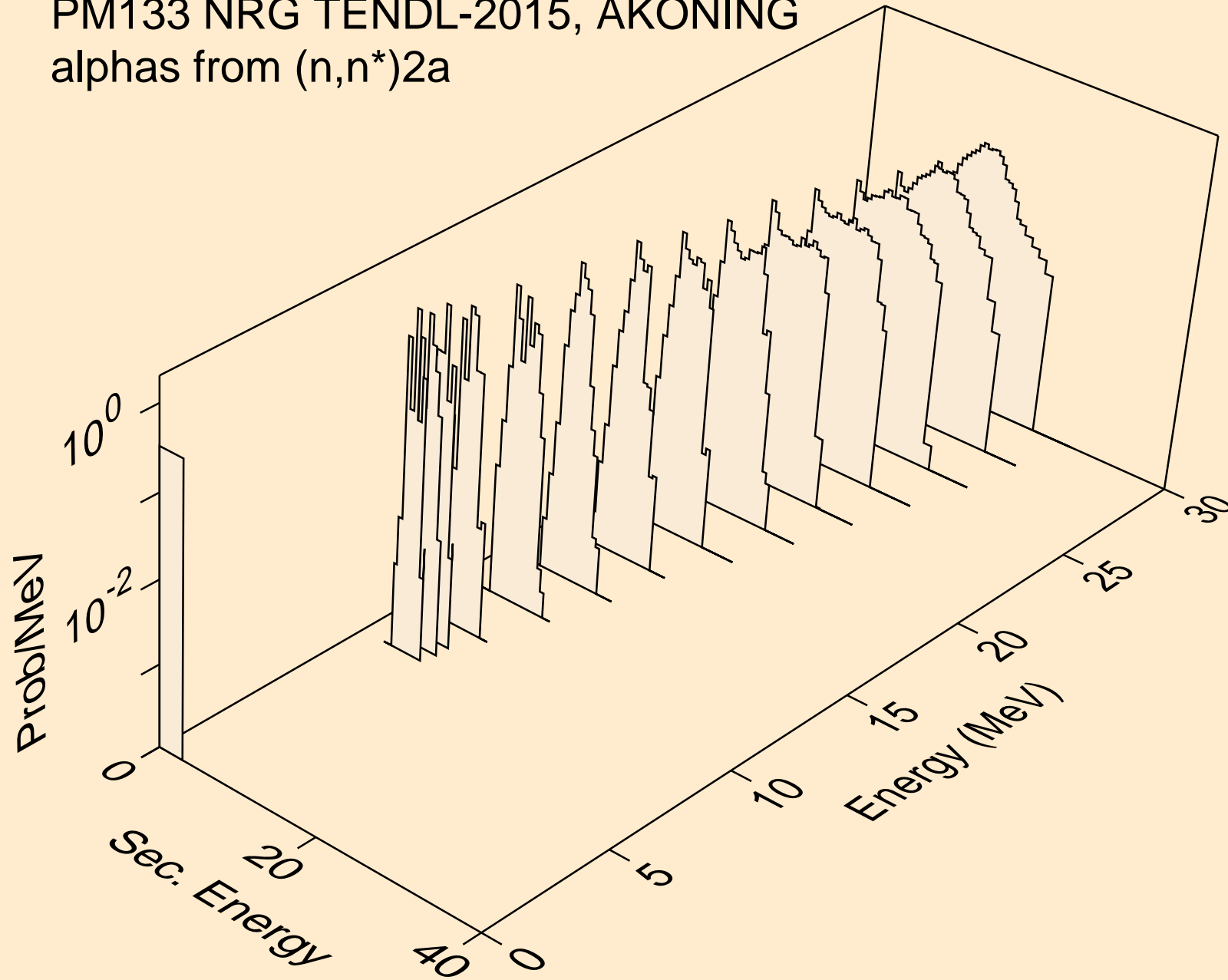
PM133 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PM133 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

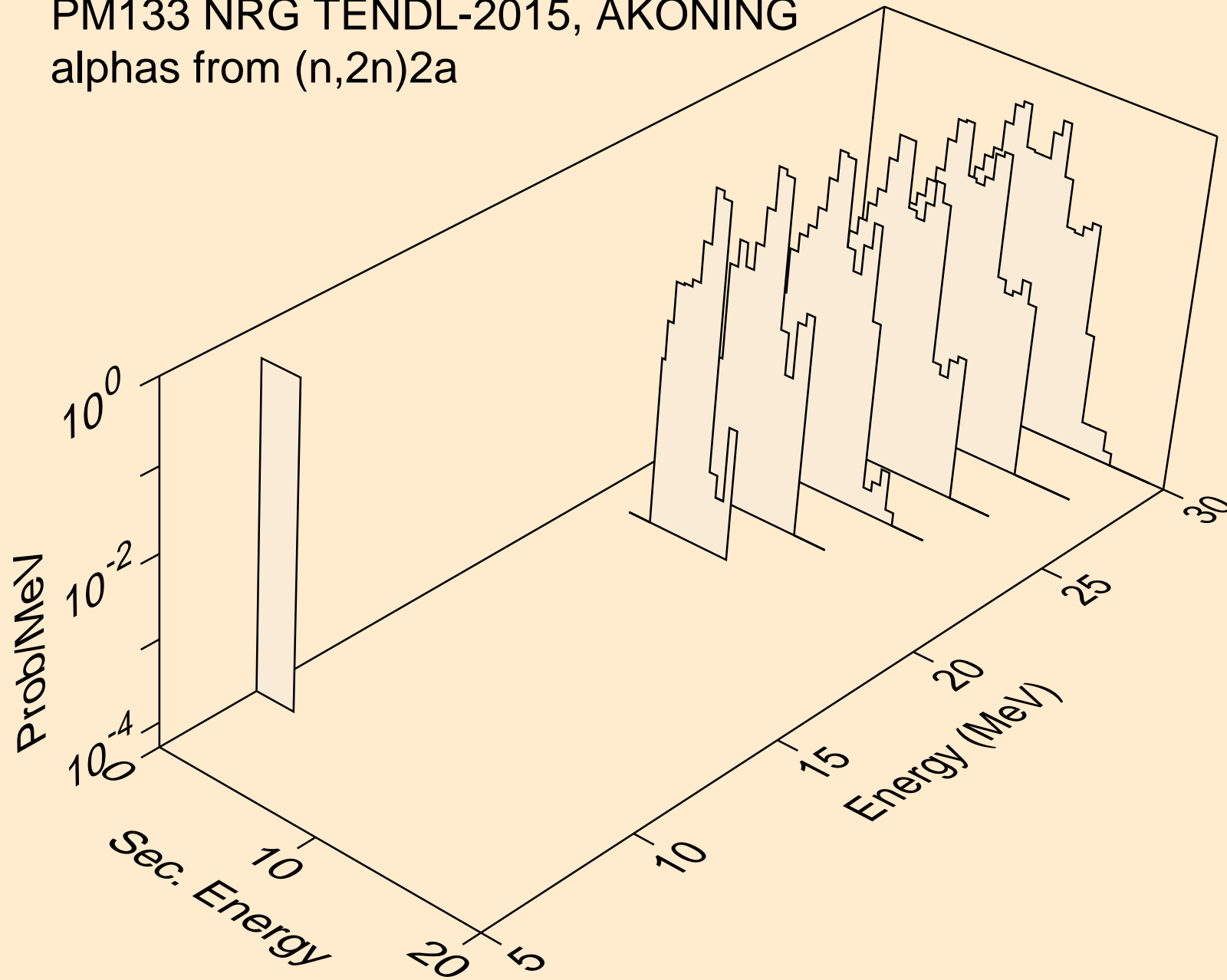


PM133 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

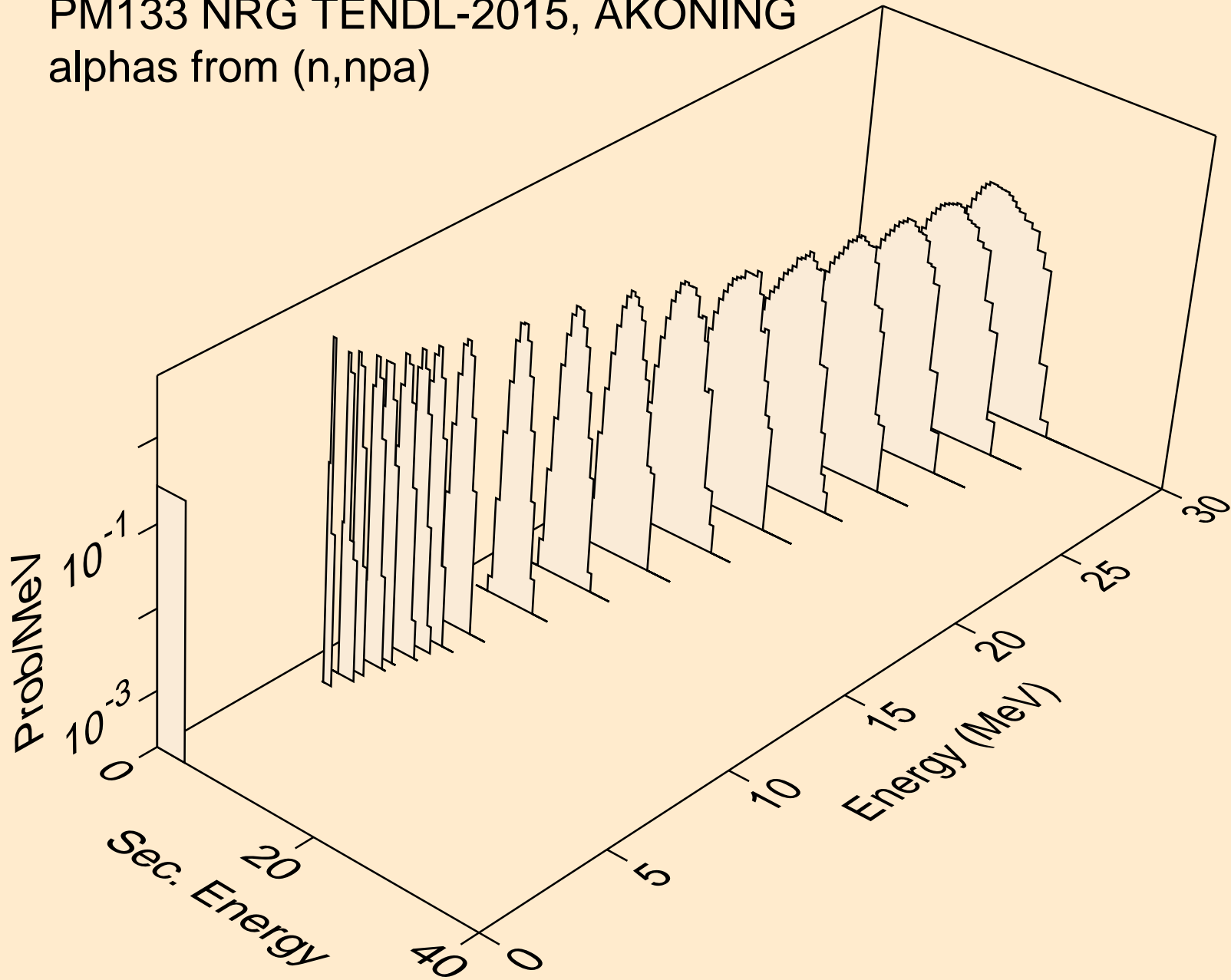




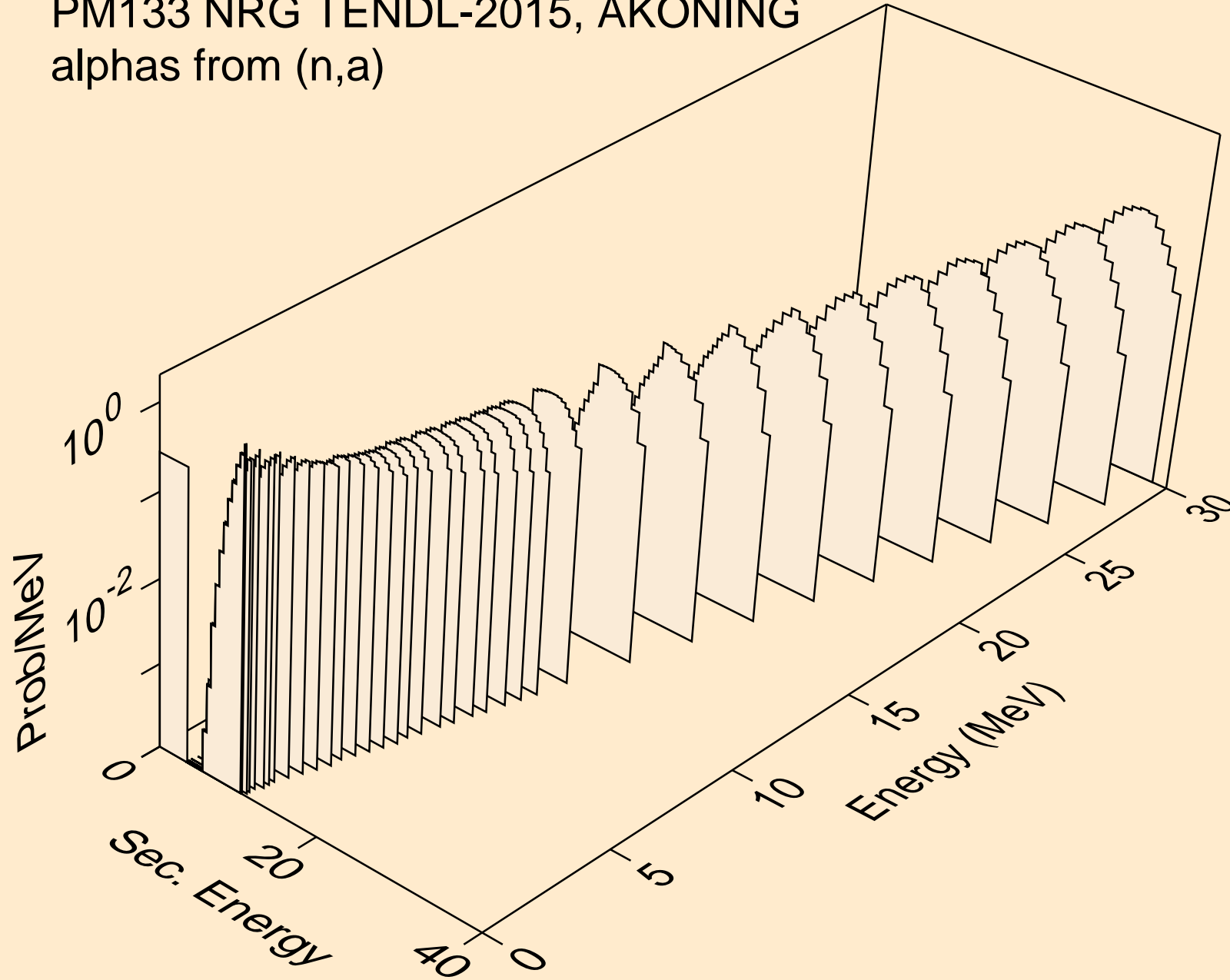
PM133 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



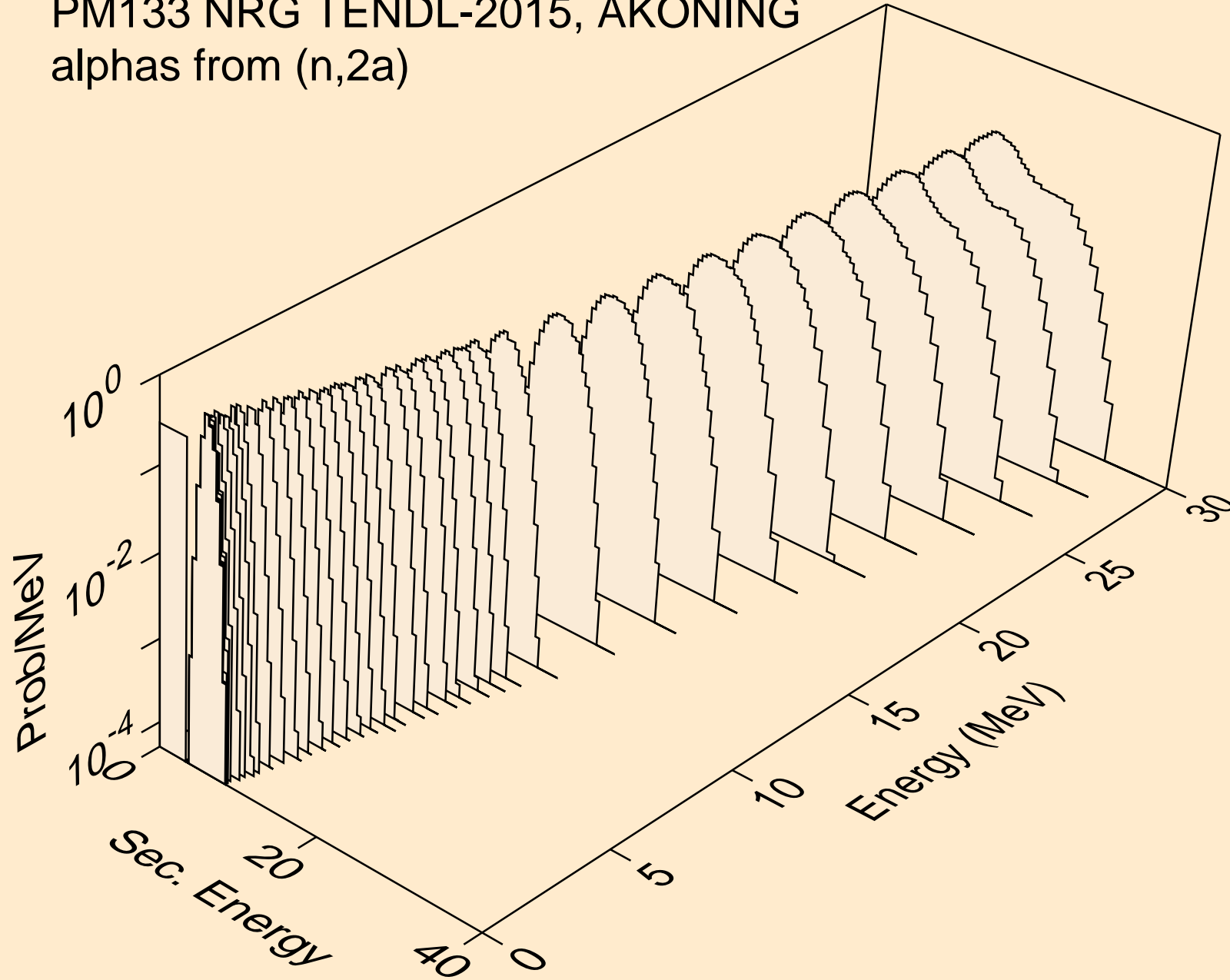
PM133 NRG TENDL-2015, AKONING  
alphas from (n,npa)



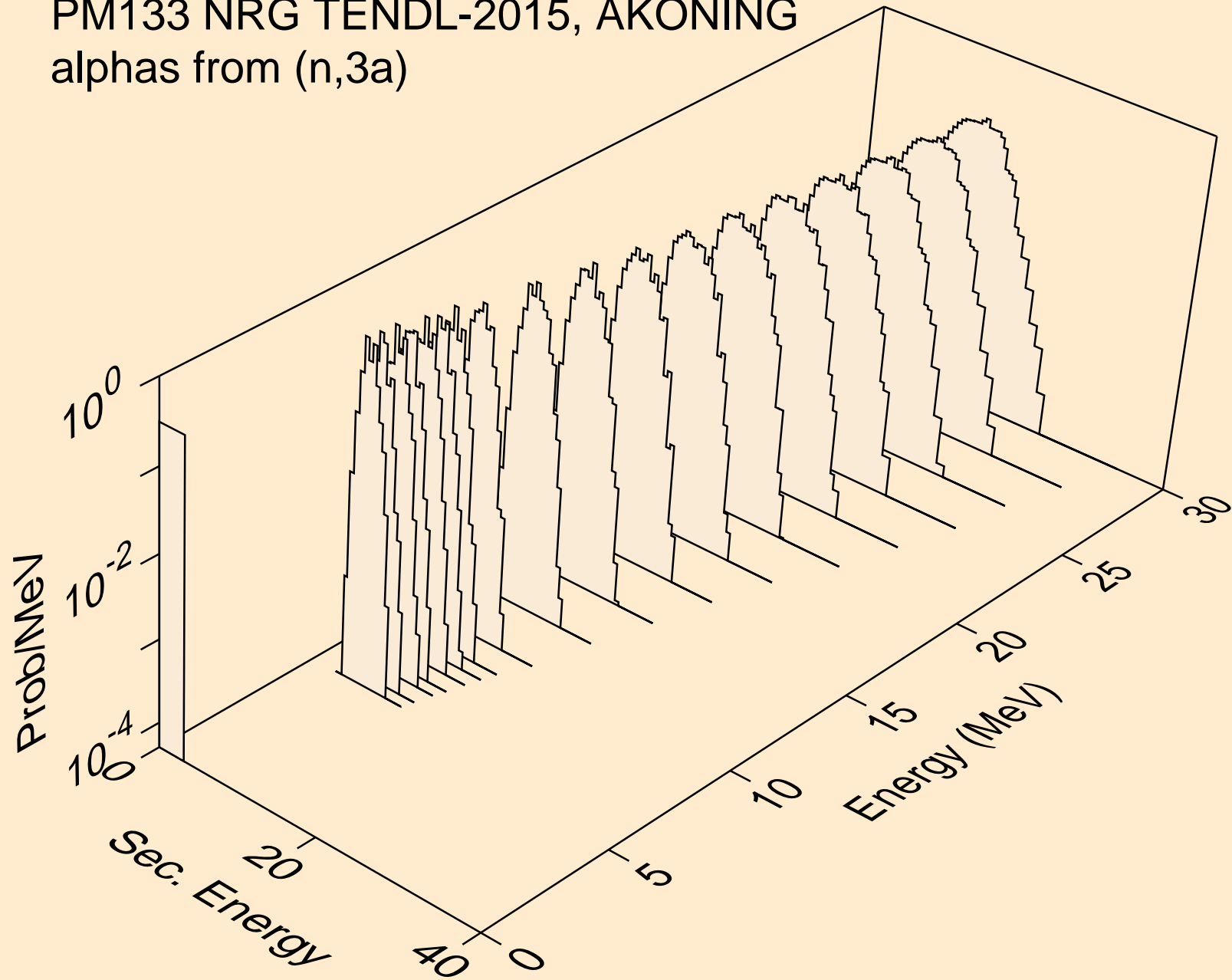
PM133 NRG TENDL-2015, AKONING  
alphas from (n,a)



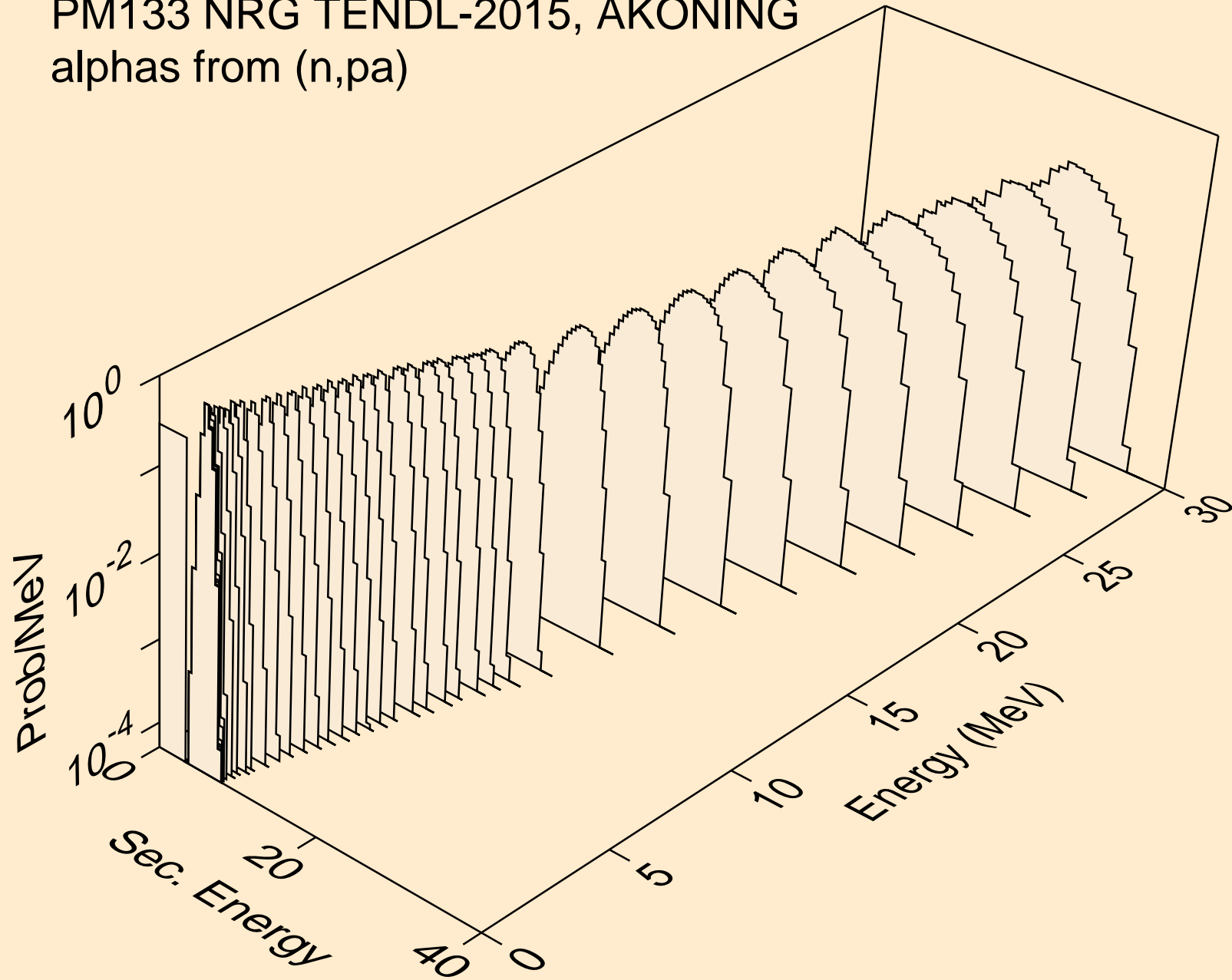
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alphas from (n,2a)



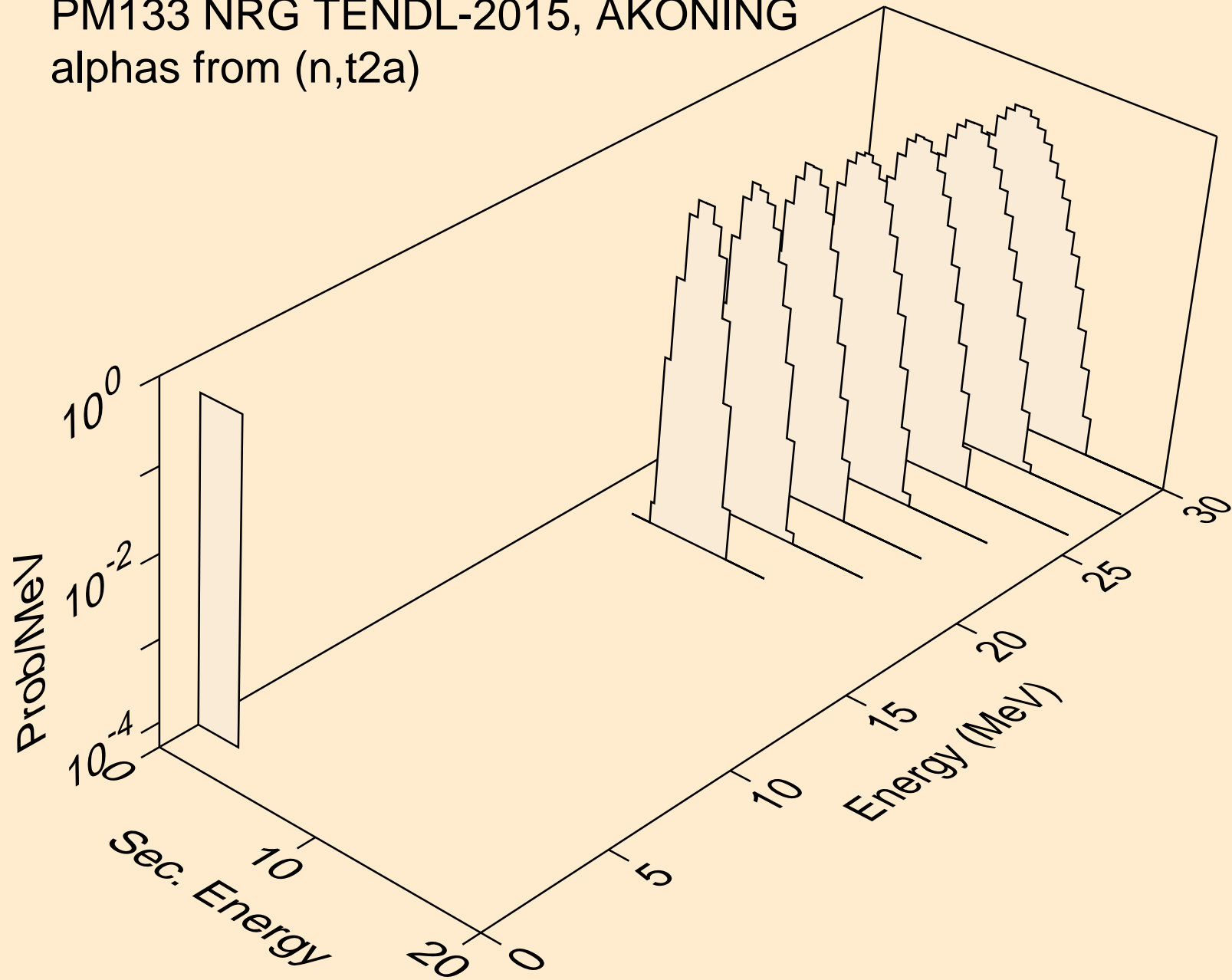
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alphas from (n,3a)



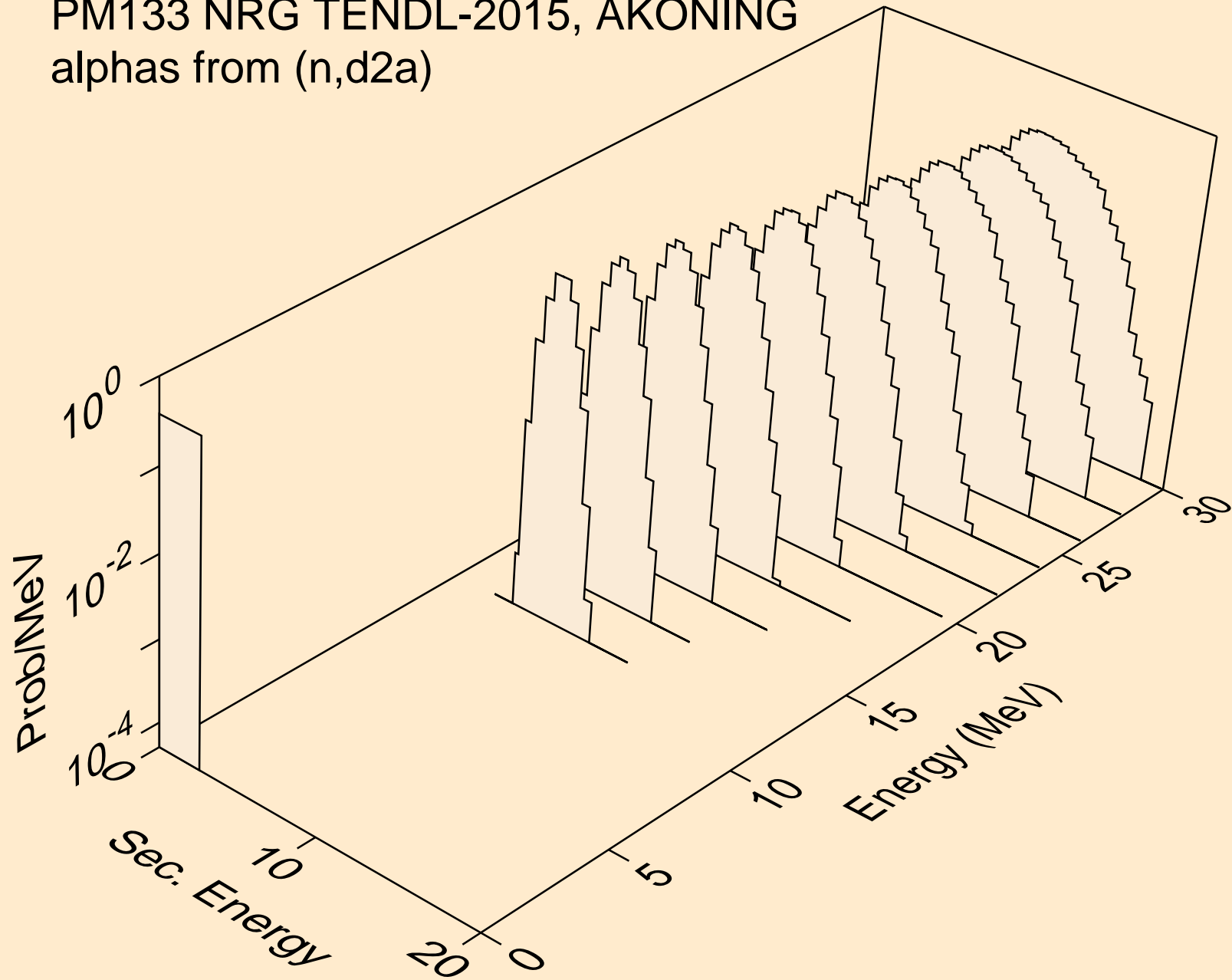
PM133 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PM133 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PM133 NRG TENDL-2015, AKONING  
alphas from (n,d2a)





PM133 NRG TENDL-2015, AKONING  
alphas from (n,da)

