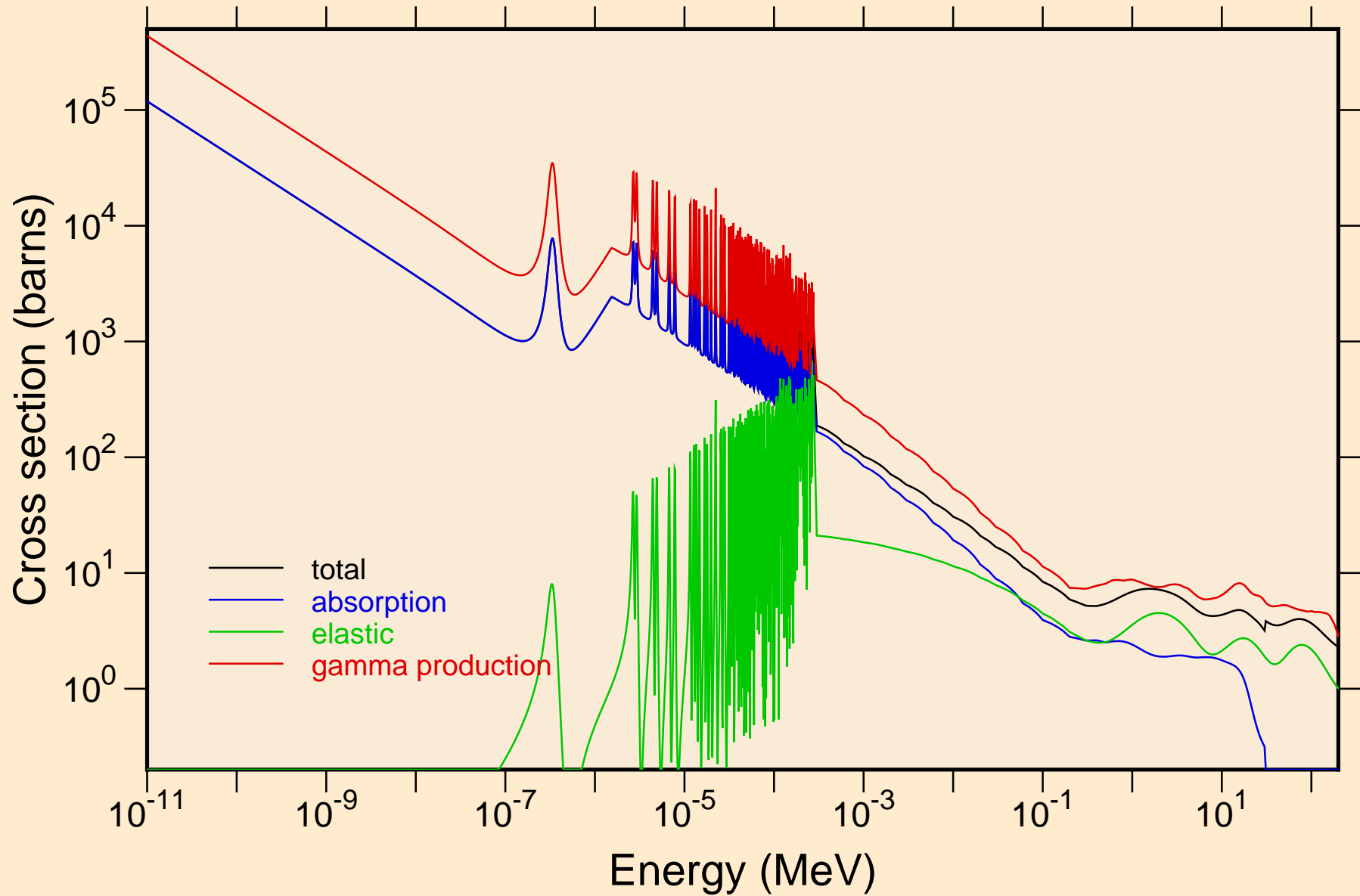
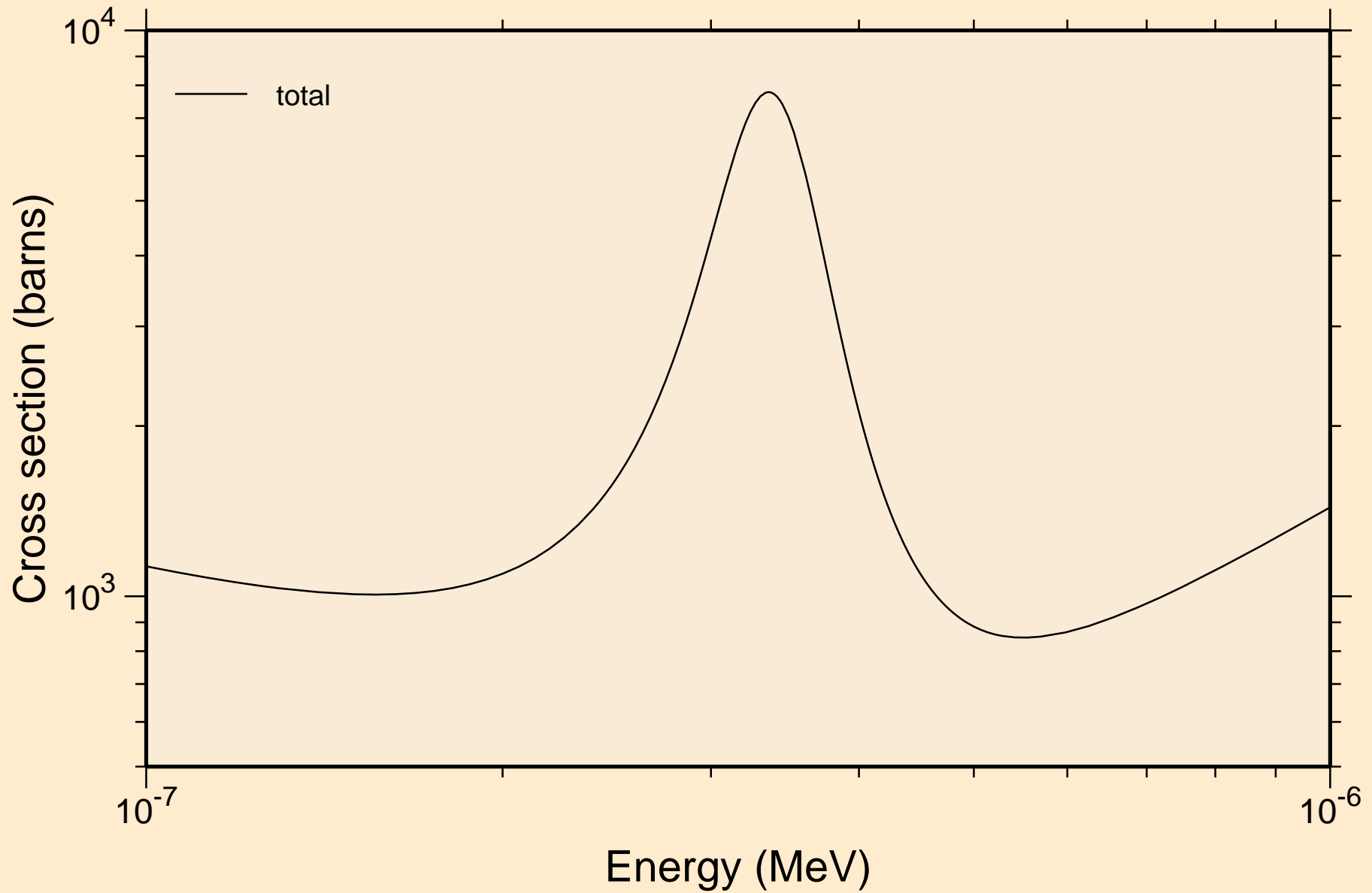


# DY142 NRG TENDL-2015, AKONING

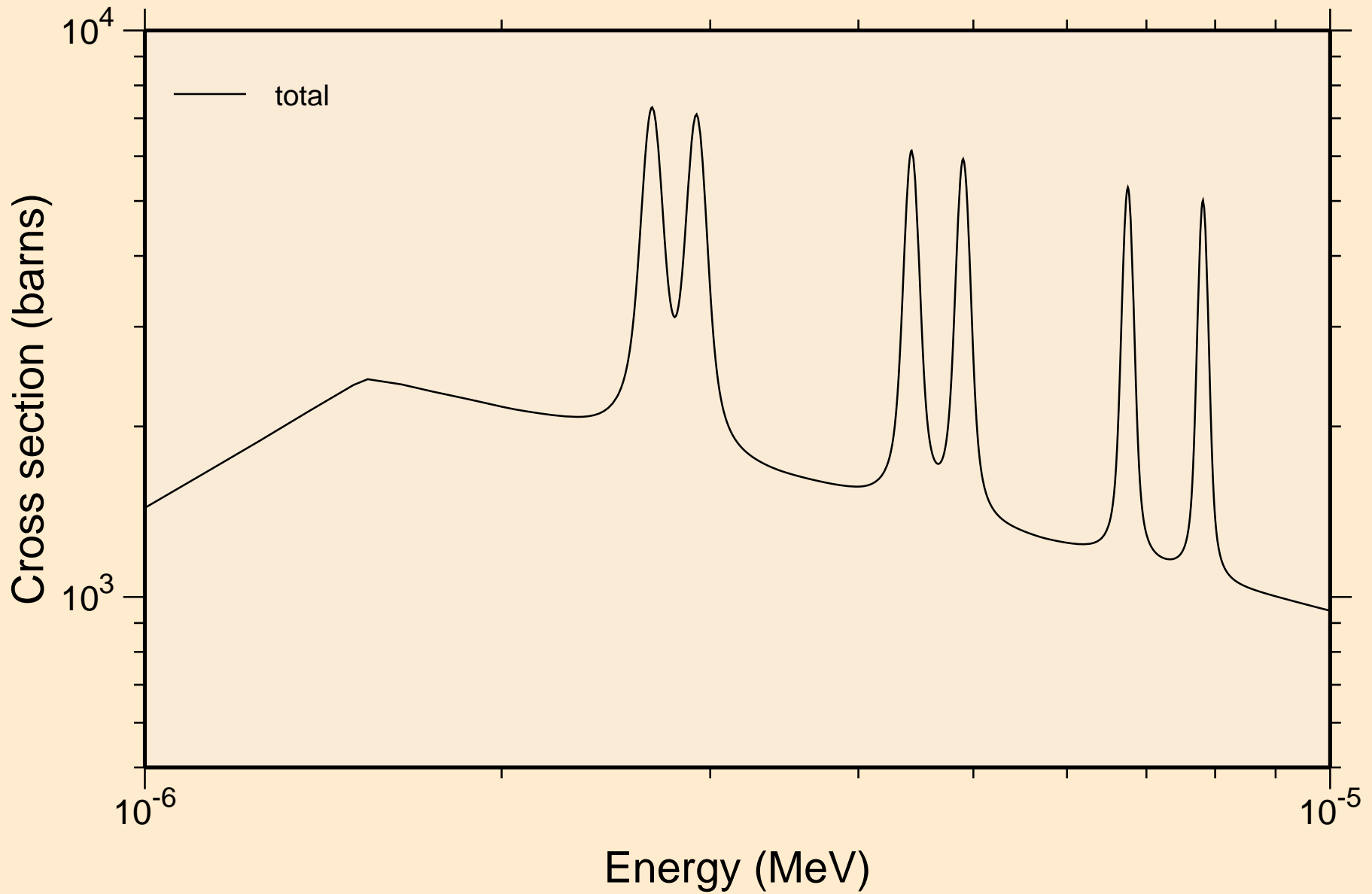
## Principal cross sections



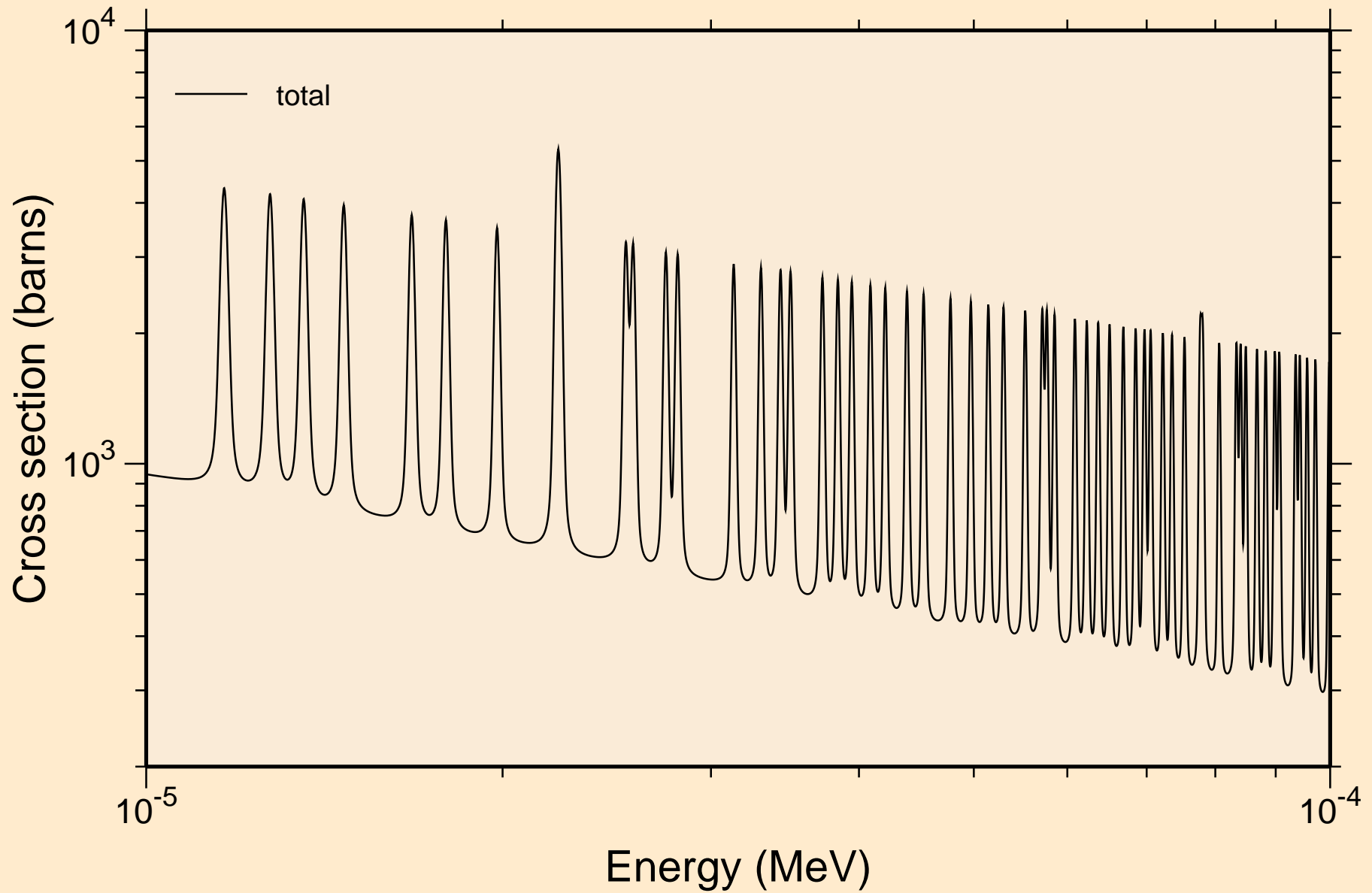
DY142 NRG TENDL-2015, AKONING  
resonance total cross section



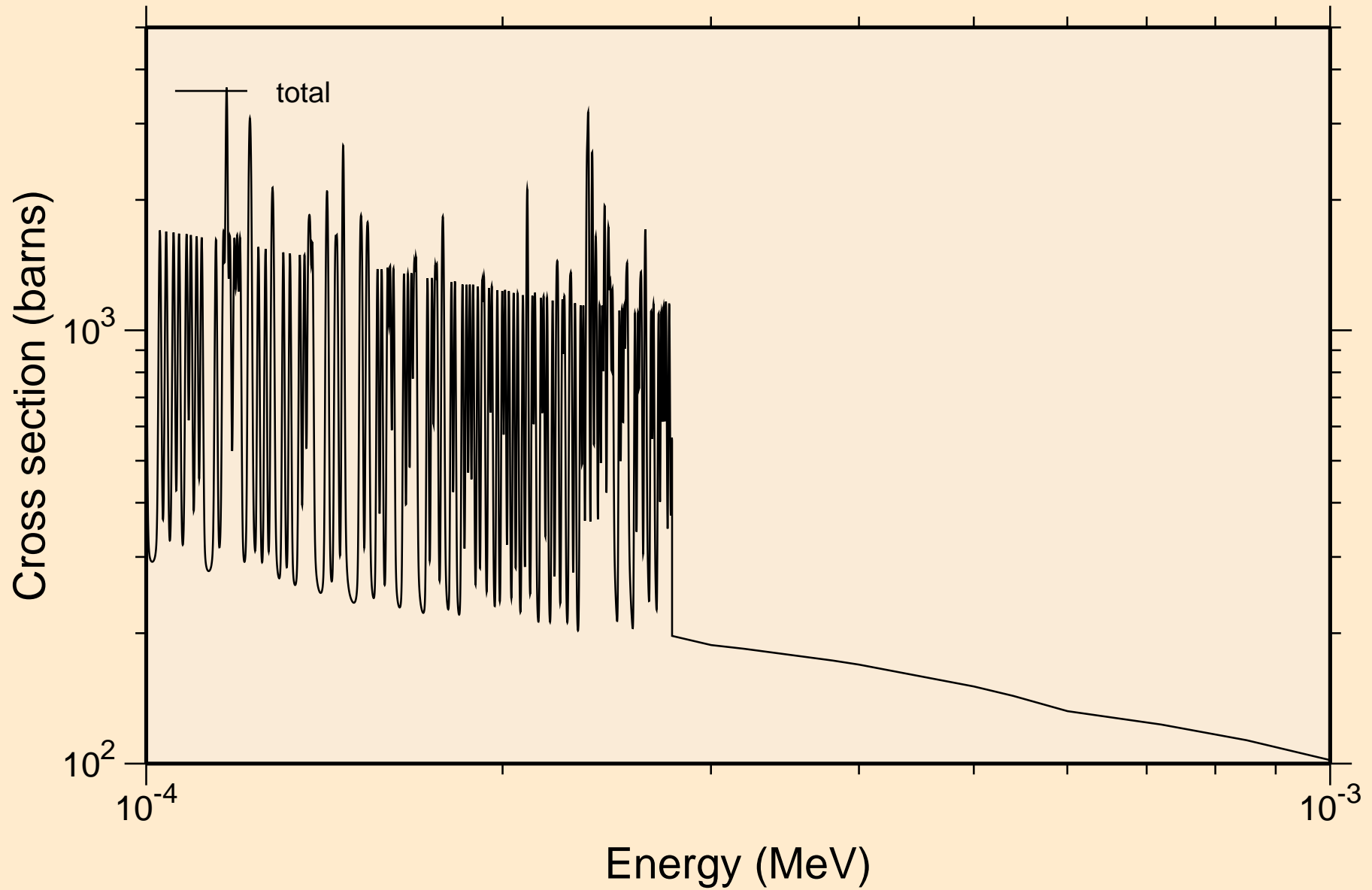
DY142 NRG TENDL-2015, AKONING  
resonance total cross section



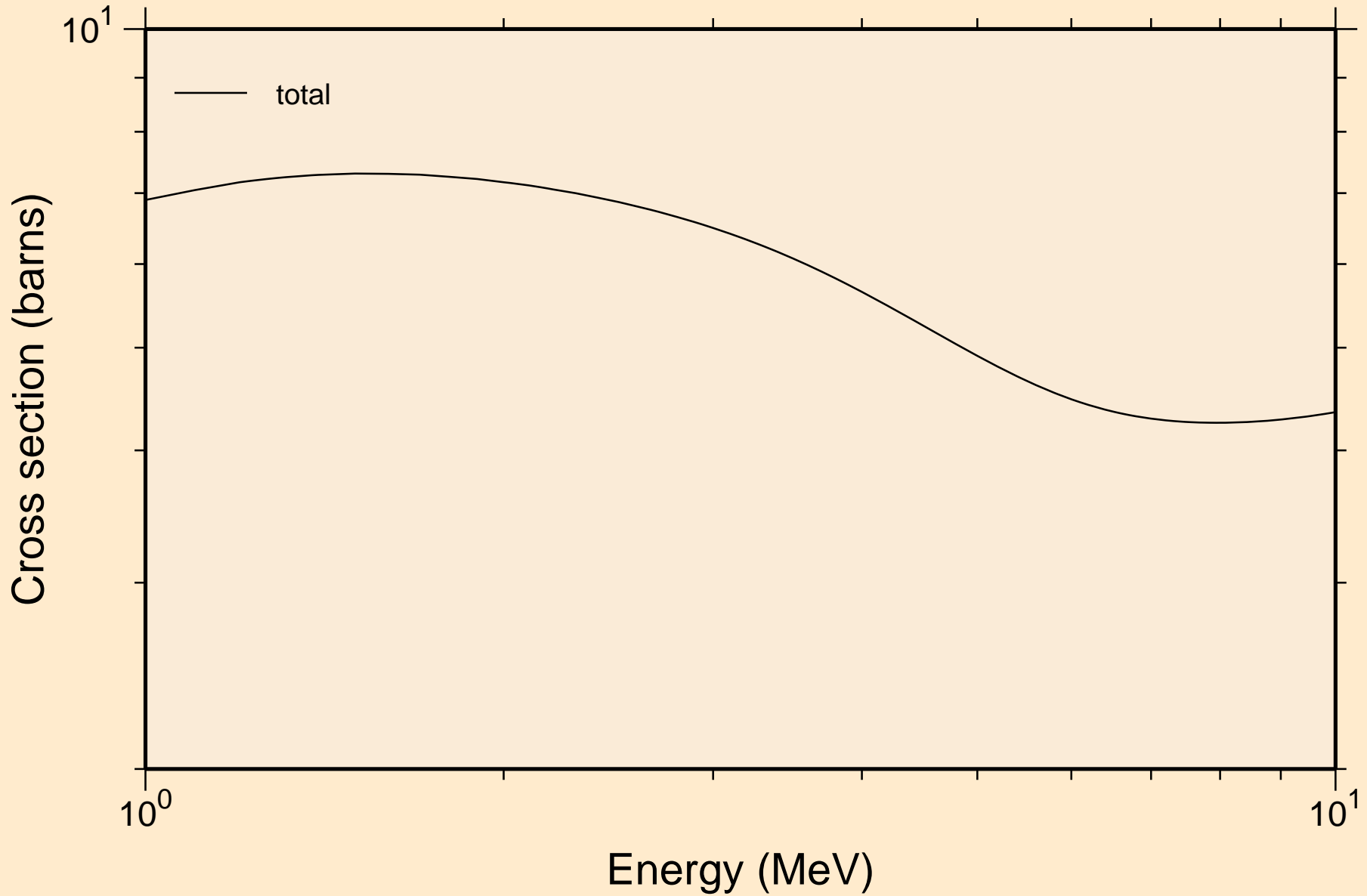
DY142 NRG TENDL-2015, AKONING  
resonance total cross section



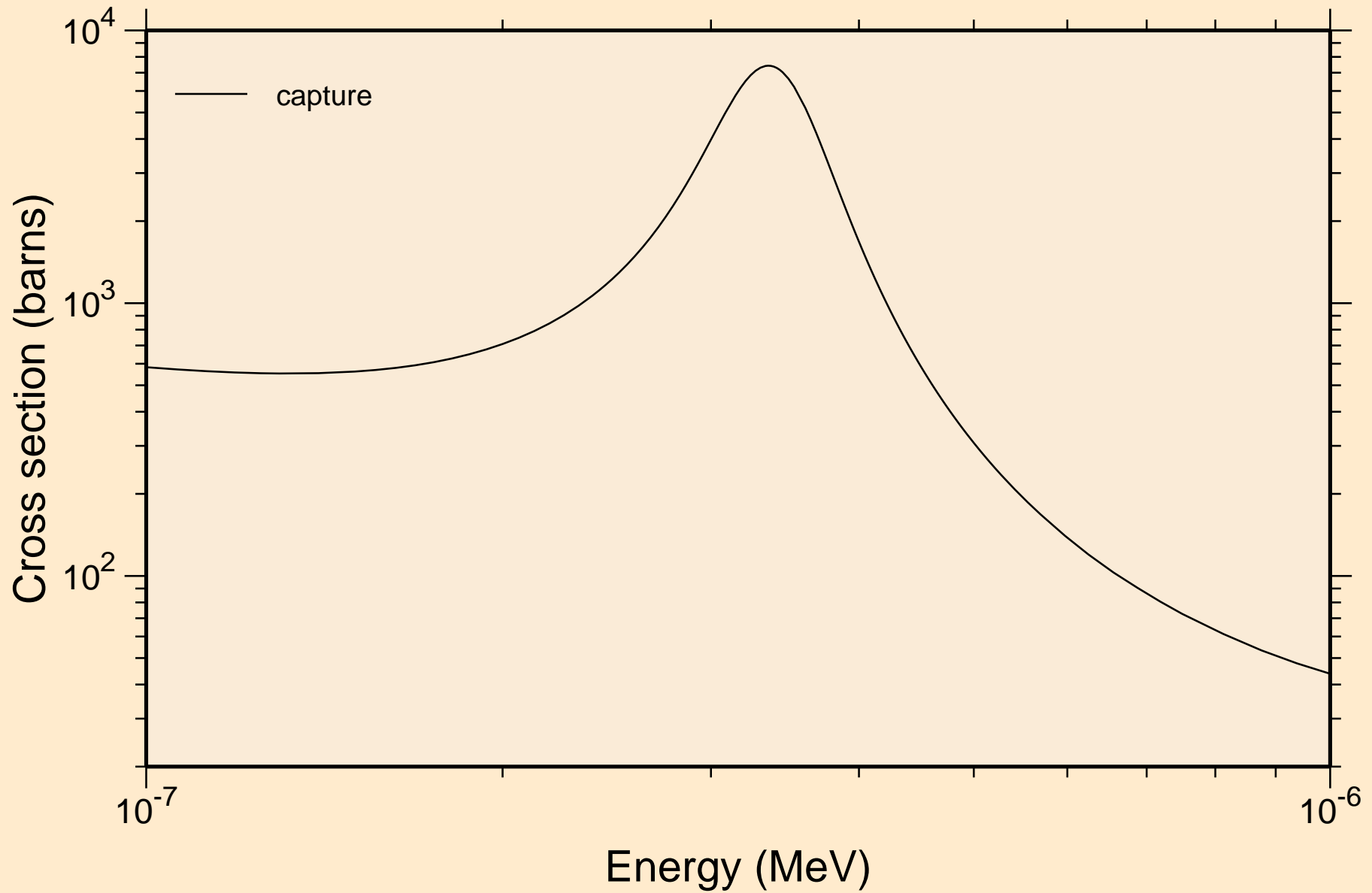
DY142 NRG TENDL-2015, AKONING  
resonance total cross section



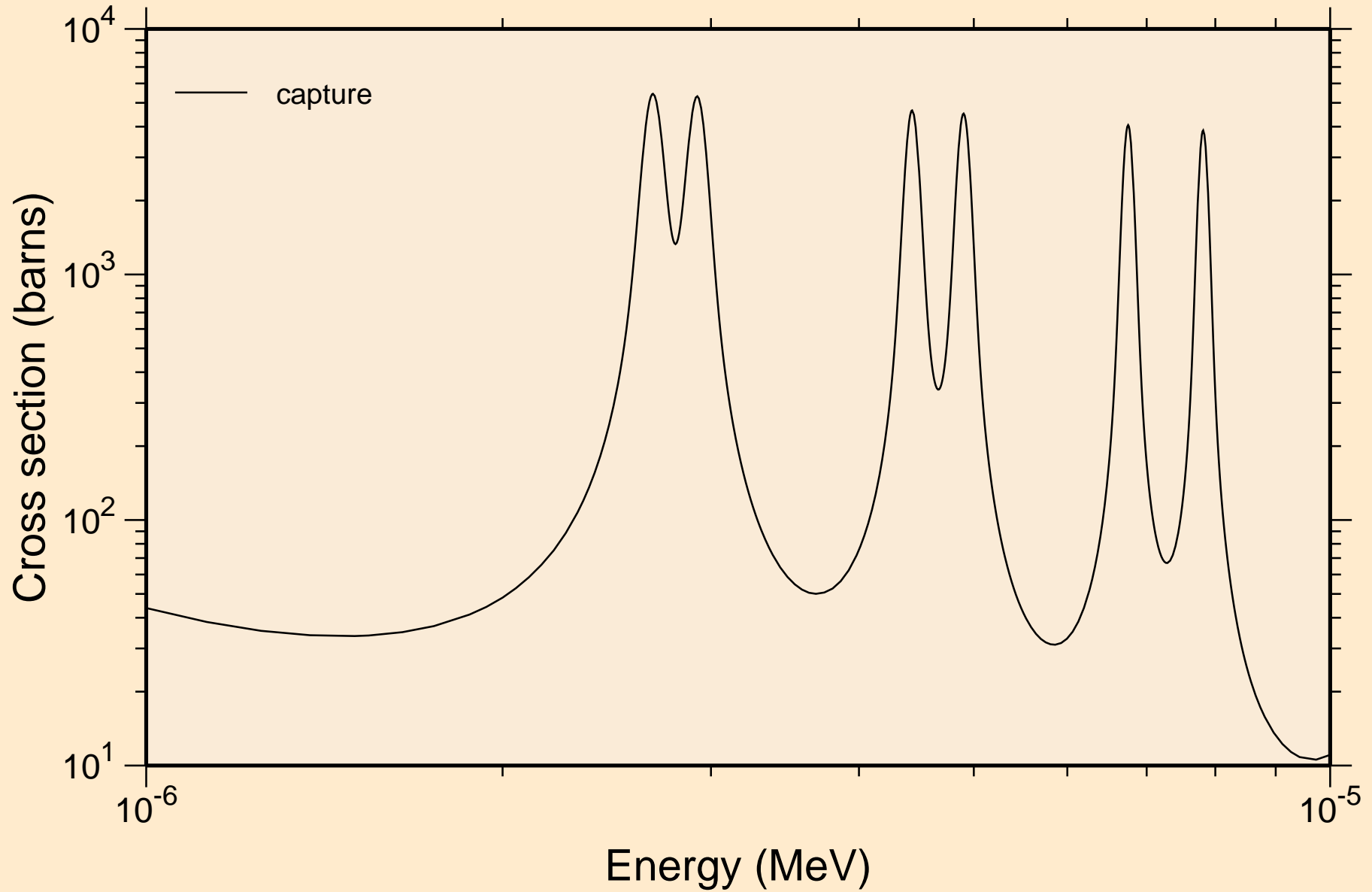
DY142 NRG TENDL-2015, AKONING  
resonance total cross section



DY142 NRG TENDL-2015, AKONING  
resonance absorption cross sections

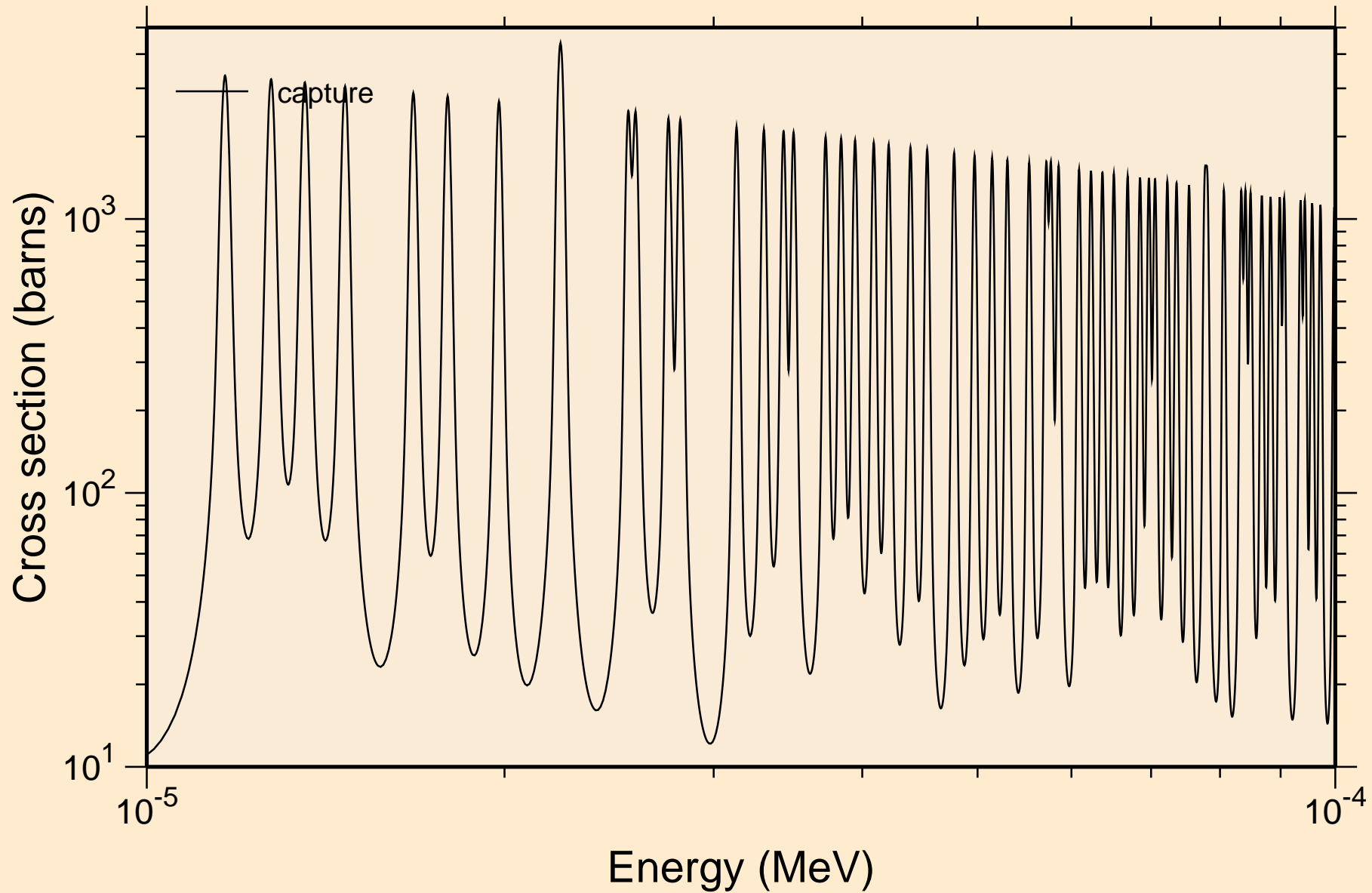


DY142 NRG TENDL-2015, AKONING  
resonance absorption cross sections

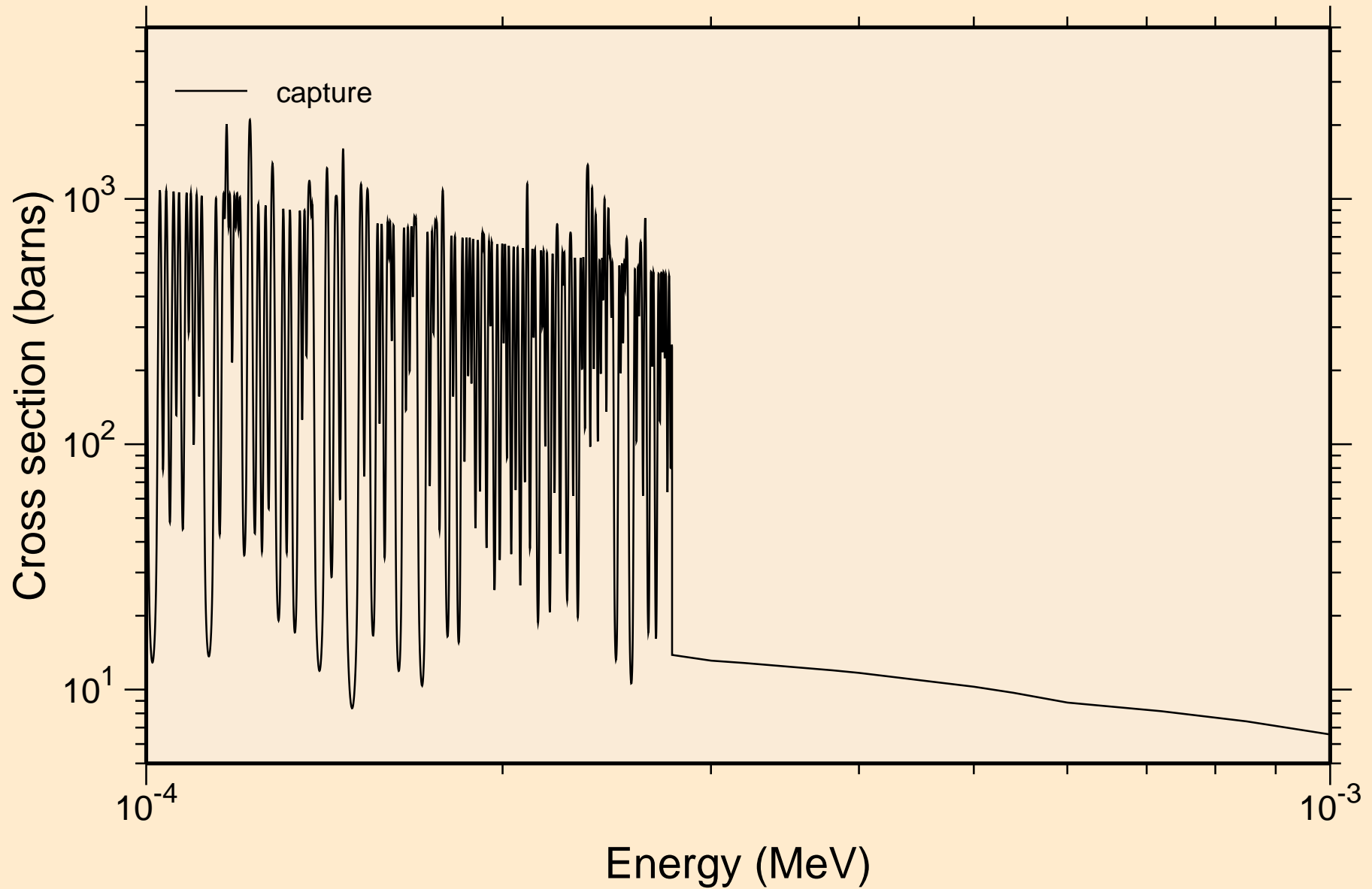




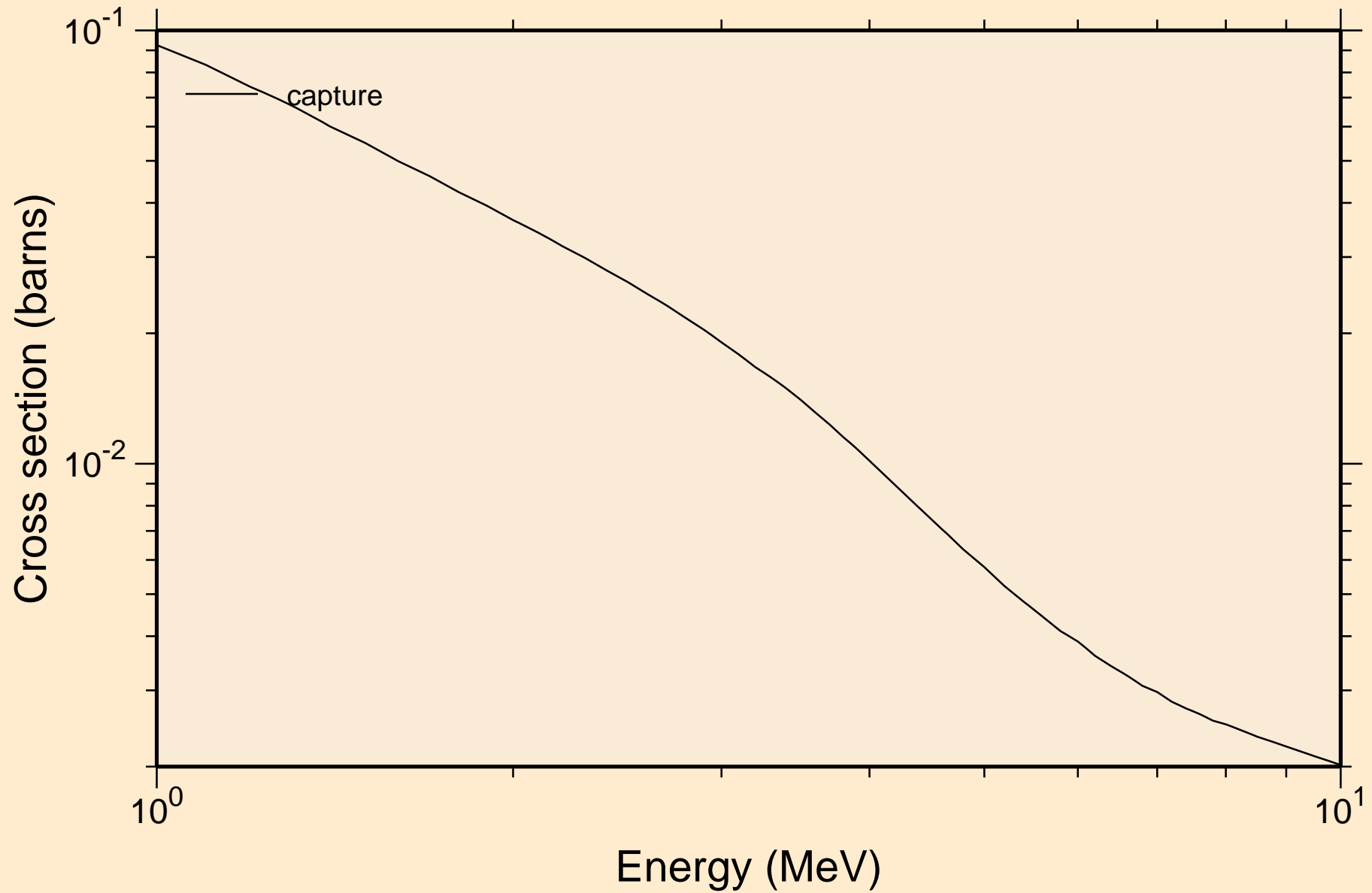
DY142 NRG TENDL-2015, AKONING  
resonance absorption cross sections



DY142 NRG TENDL-2015, AKONING  
resonance absorption cross sections

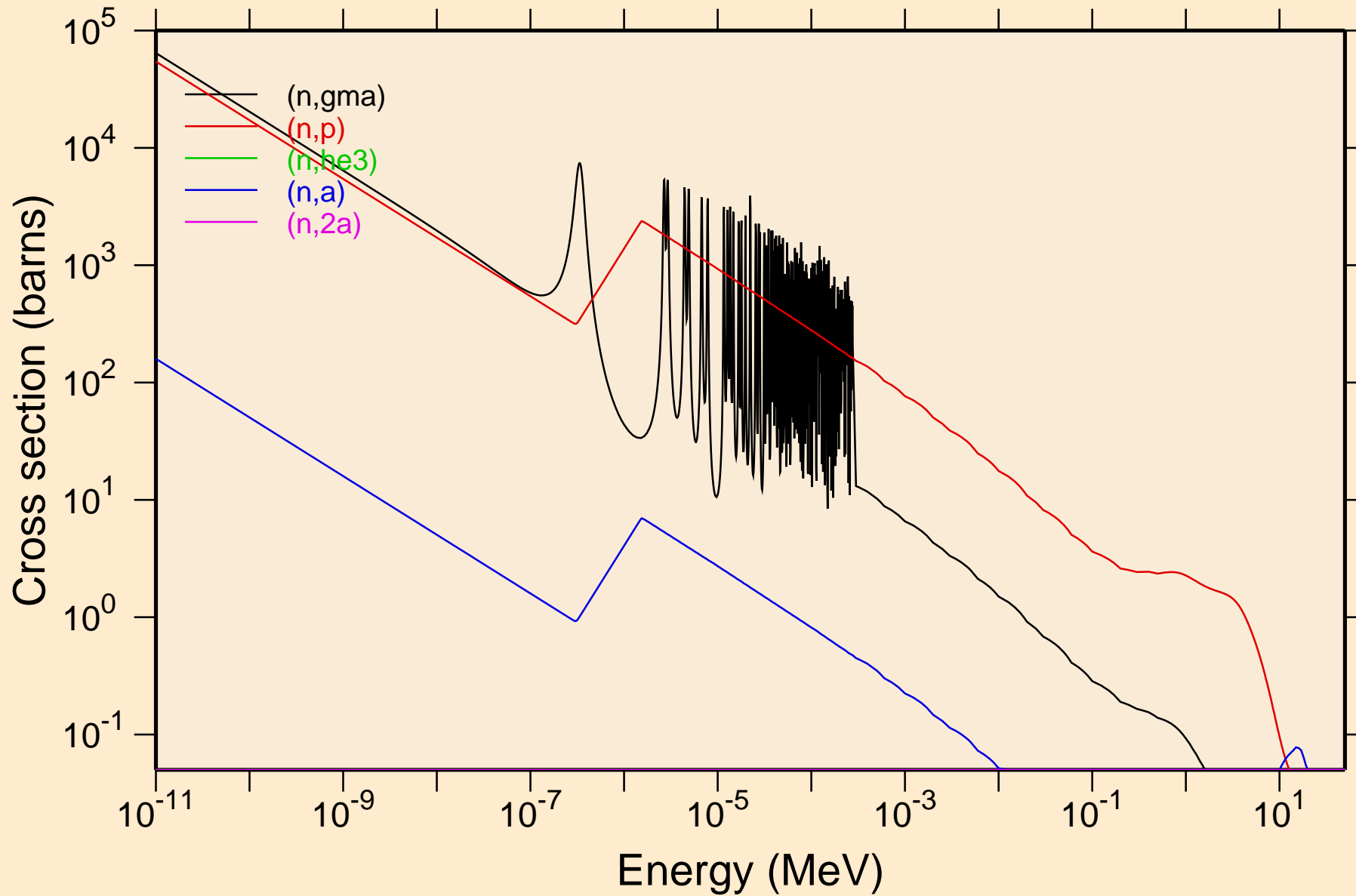


DY142 NRG TENDL-2015, AKONING  
resonance absorption cross sections

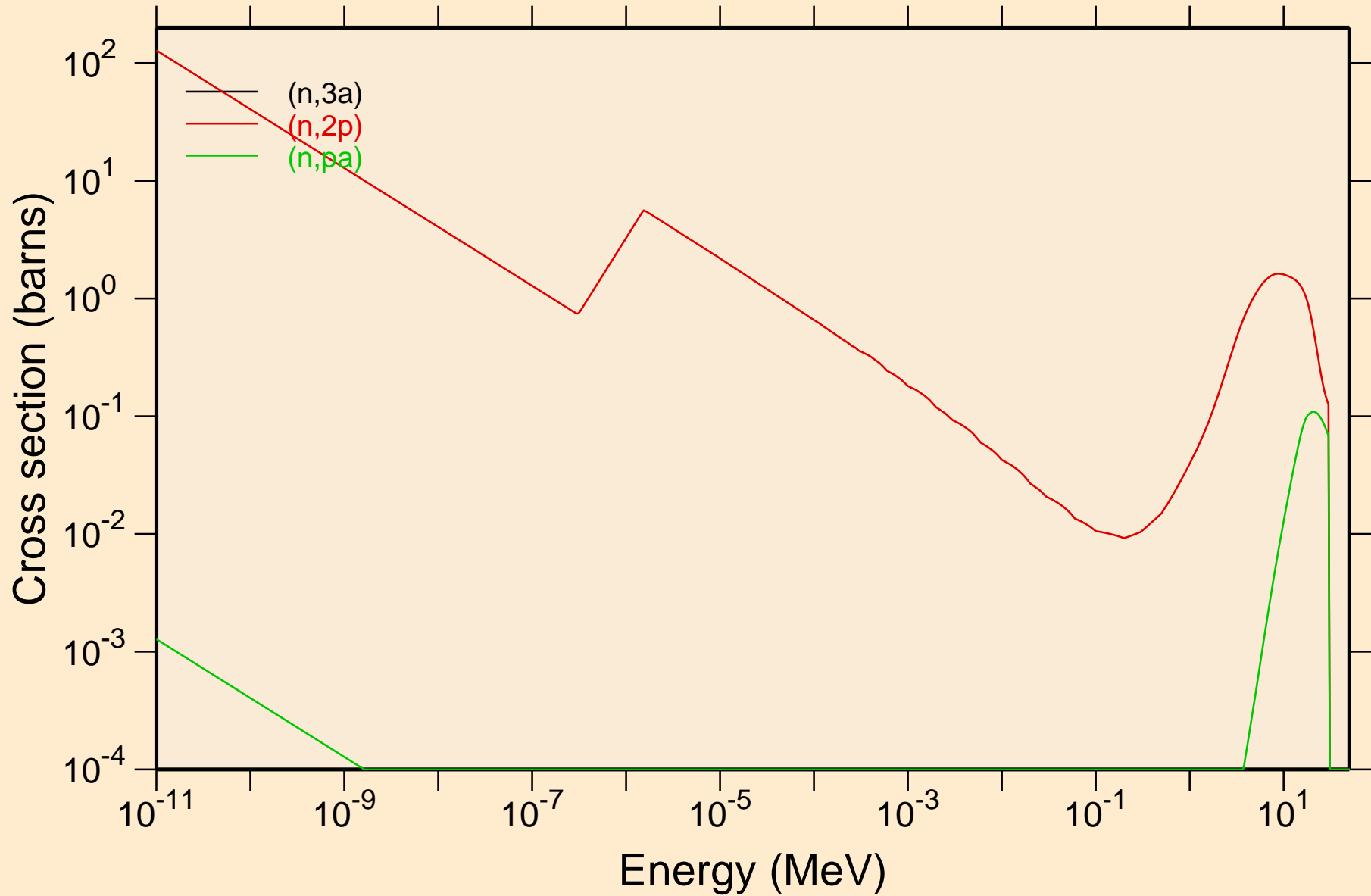


# DY142 NRG TENDL-2015, AKONING

## Non-threshold reactions

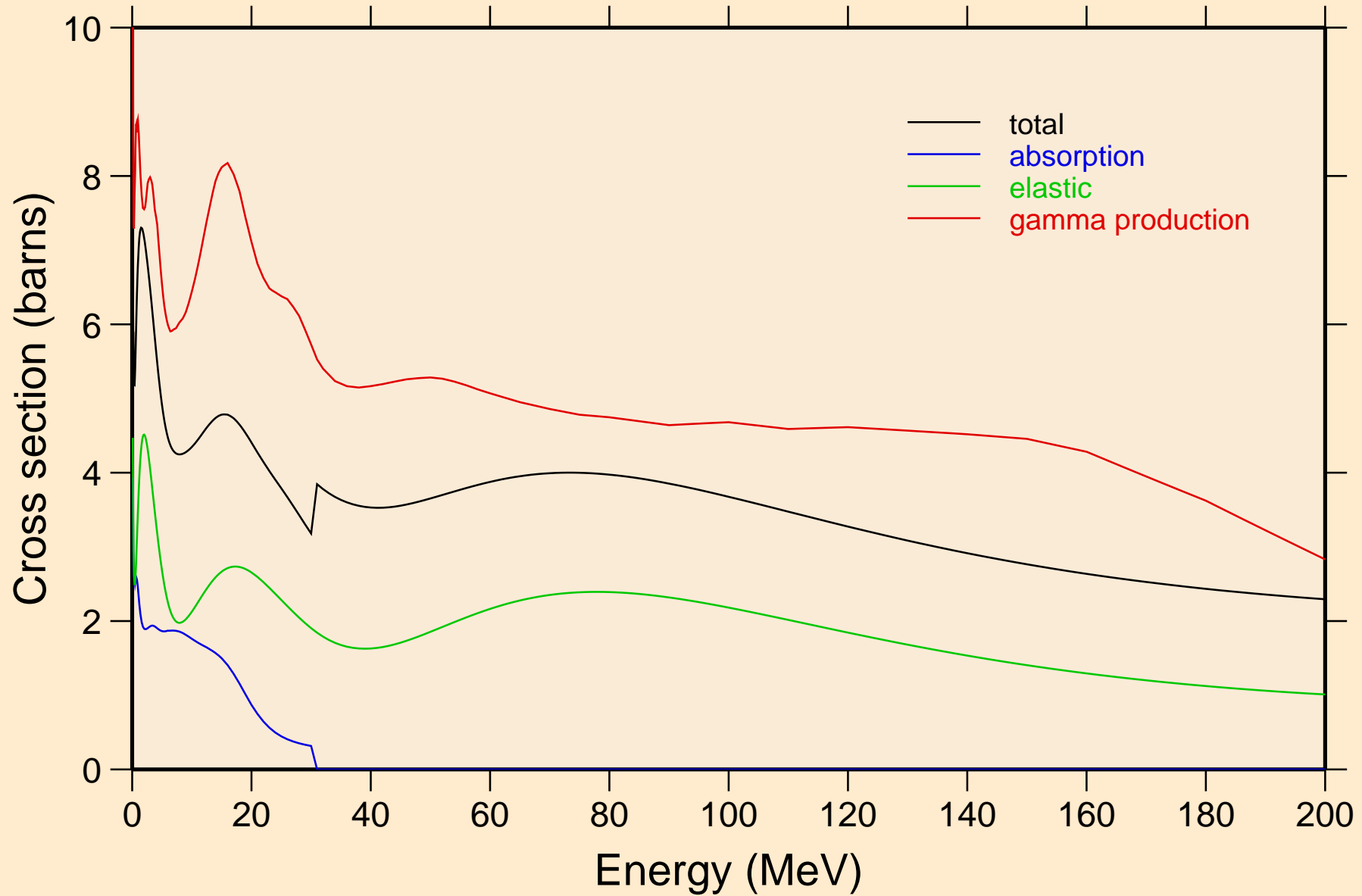


DY142 NRG TENDL-2015, AKONING  
Non-threshold reactions



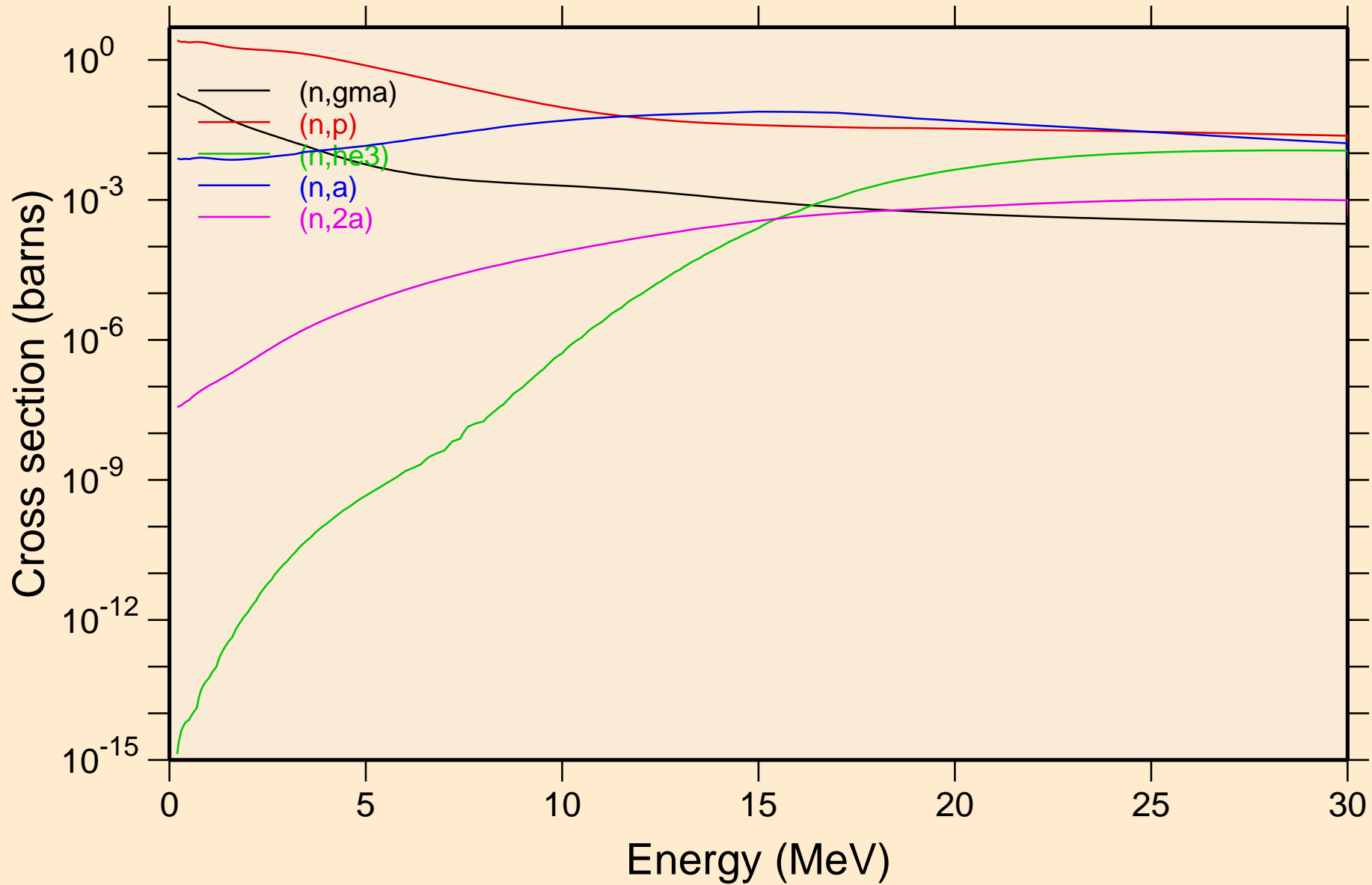
# DY142 NRG TENDL-2015, AKONING

## Principal cross sections



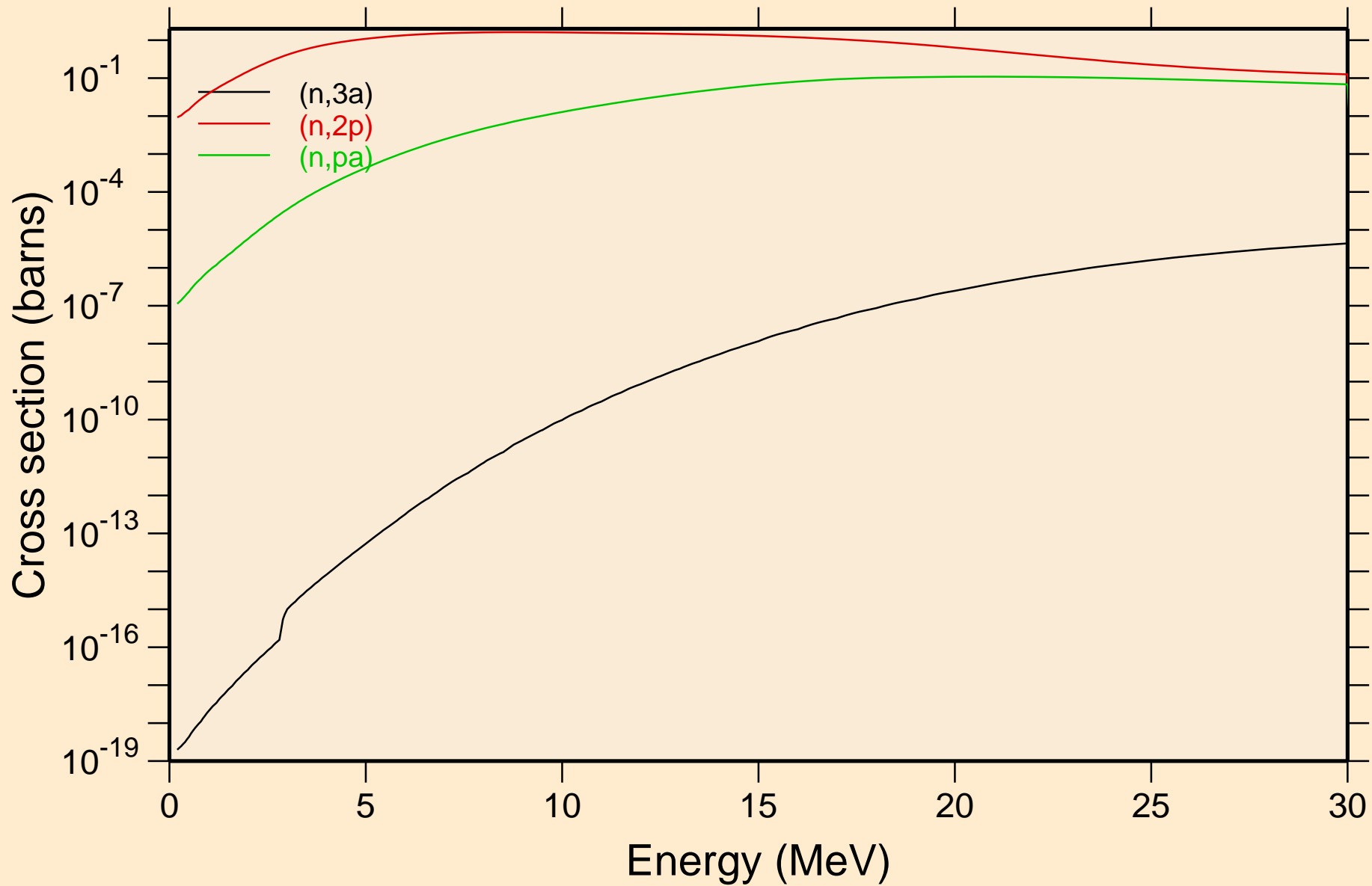
# DY142 NRG TENDL-2015, AKONING

## Non-threshold reactions



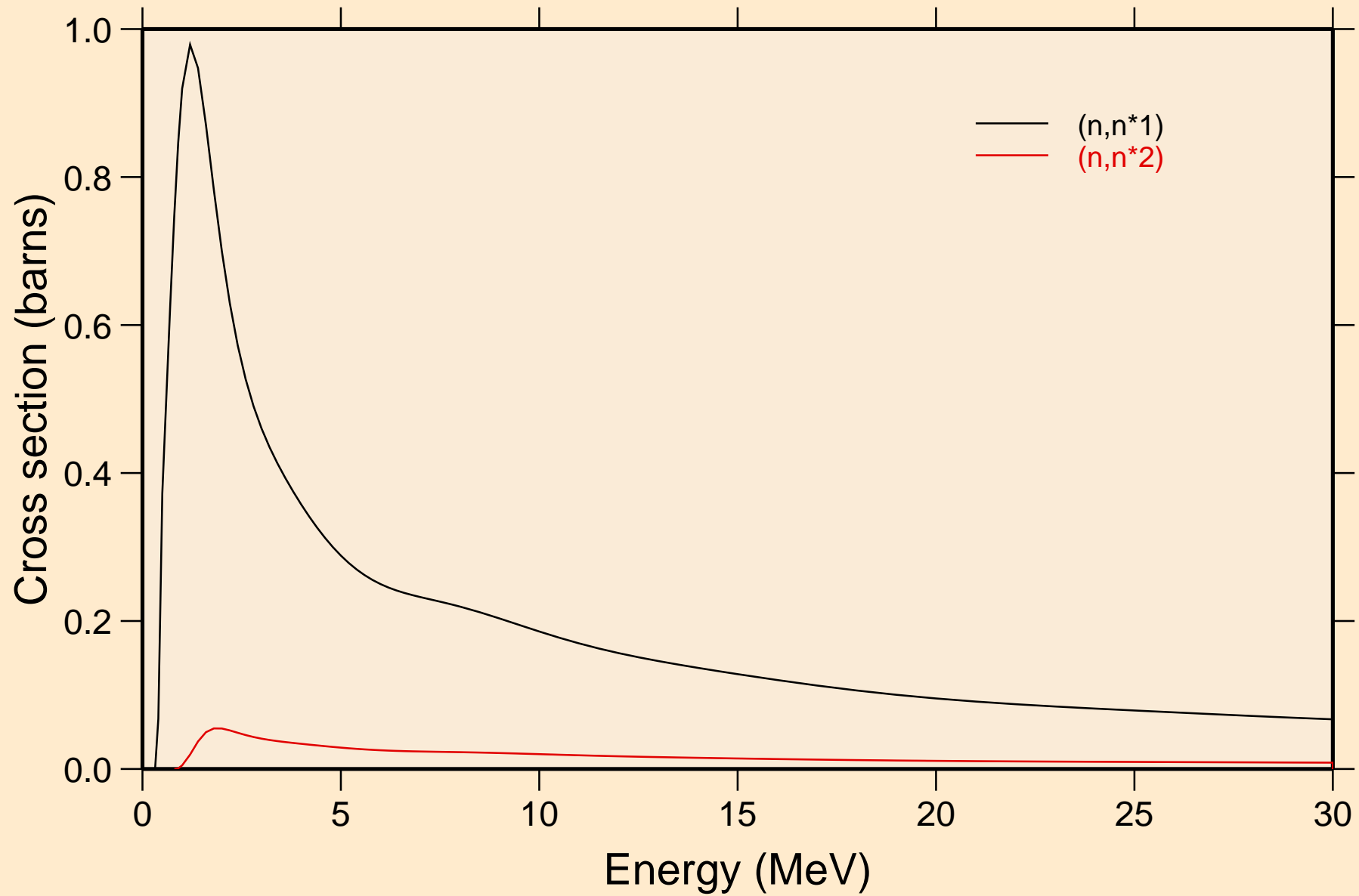
# DY142 NRG TENDL-2015, AKONING

## Non-threshold reactions



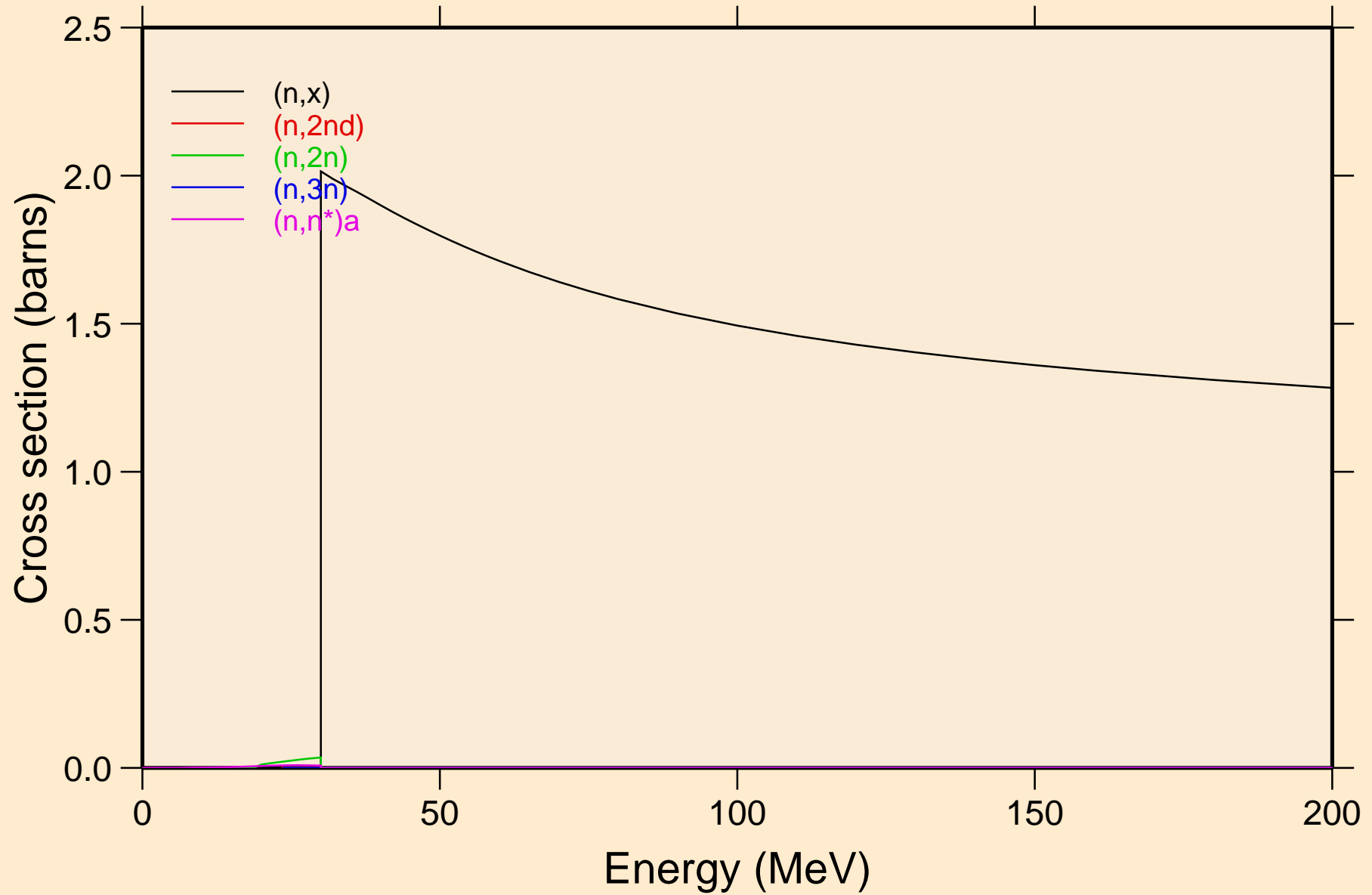


DY142 NRG TENDL-2015, AKONING  
Inelastic levels



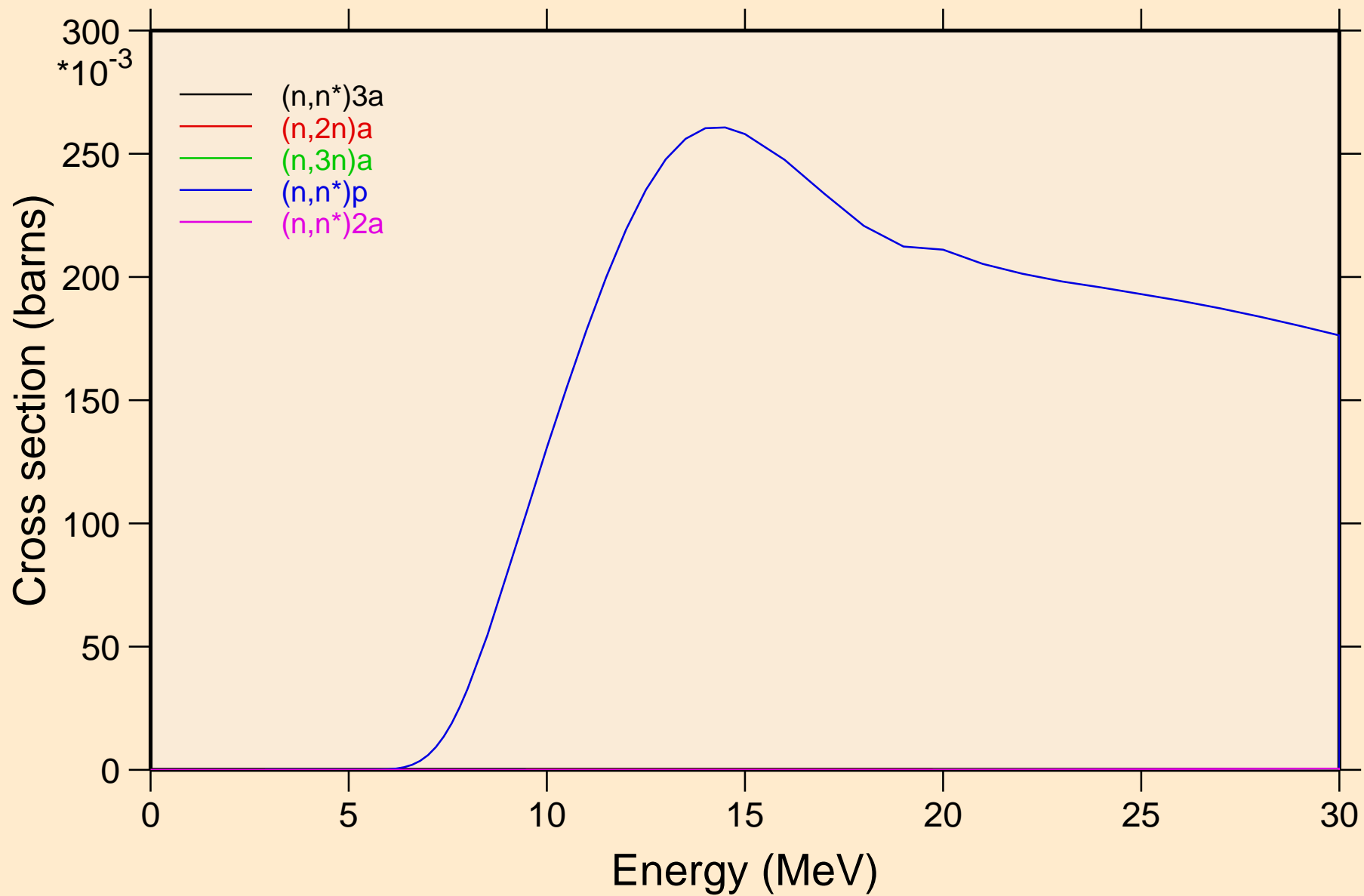
# DY142 NRG TENDL-2015, AKONING

## Threshold reactions



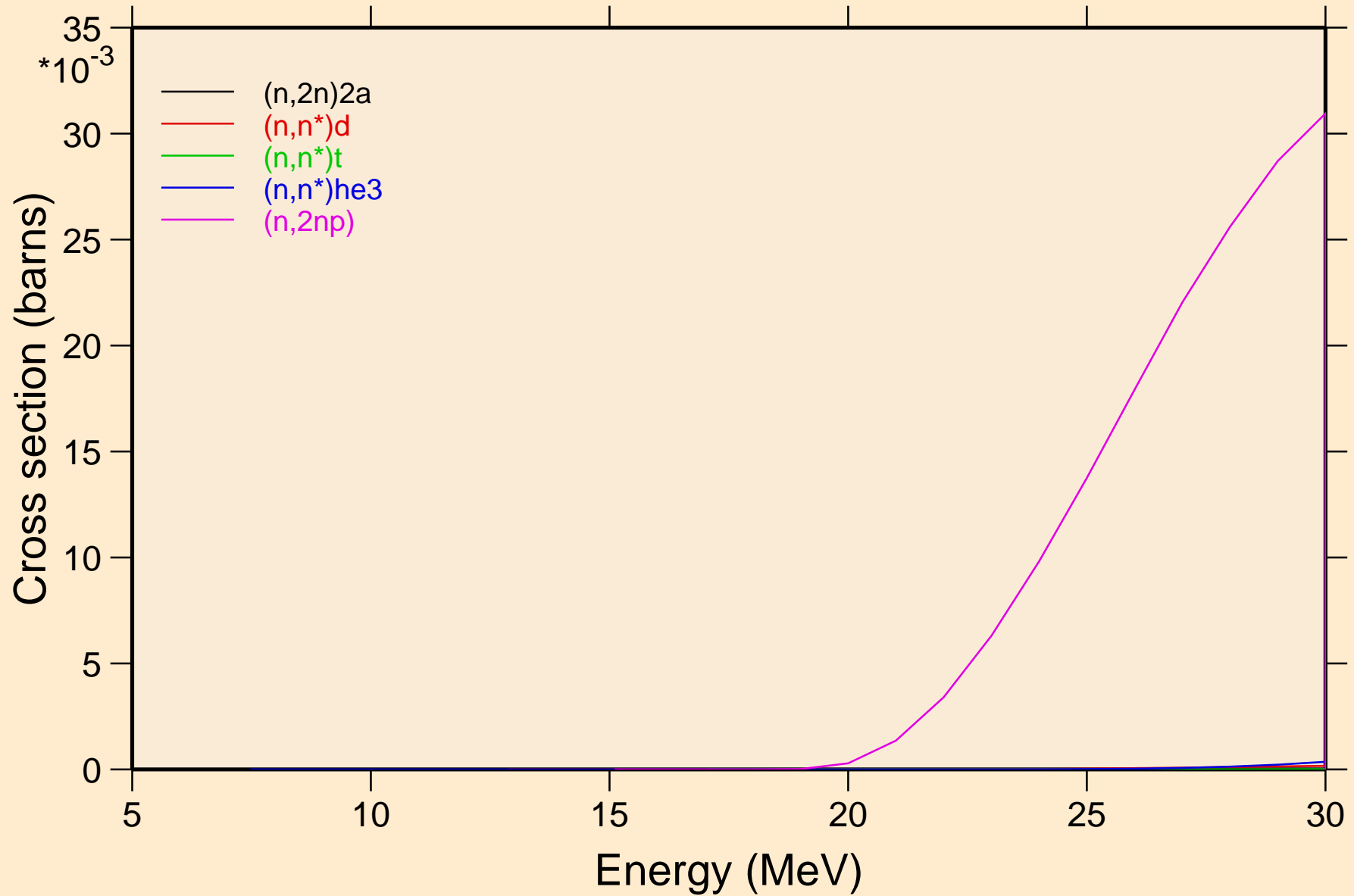
# DY142 NRG TENDL-2015, AKONING

## Threshold reactions



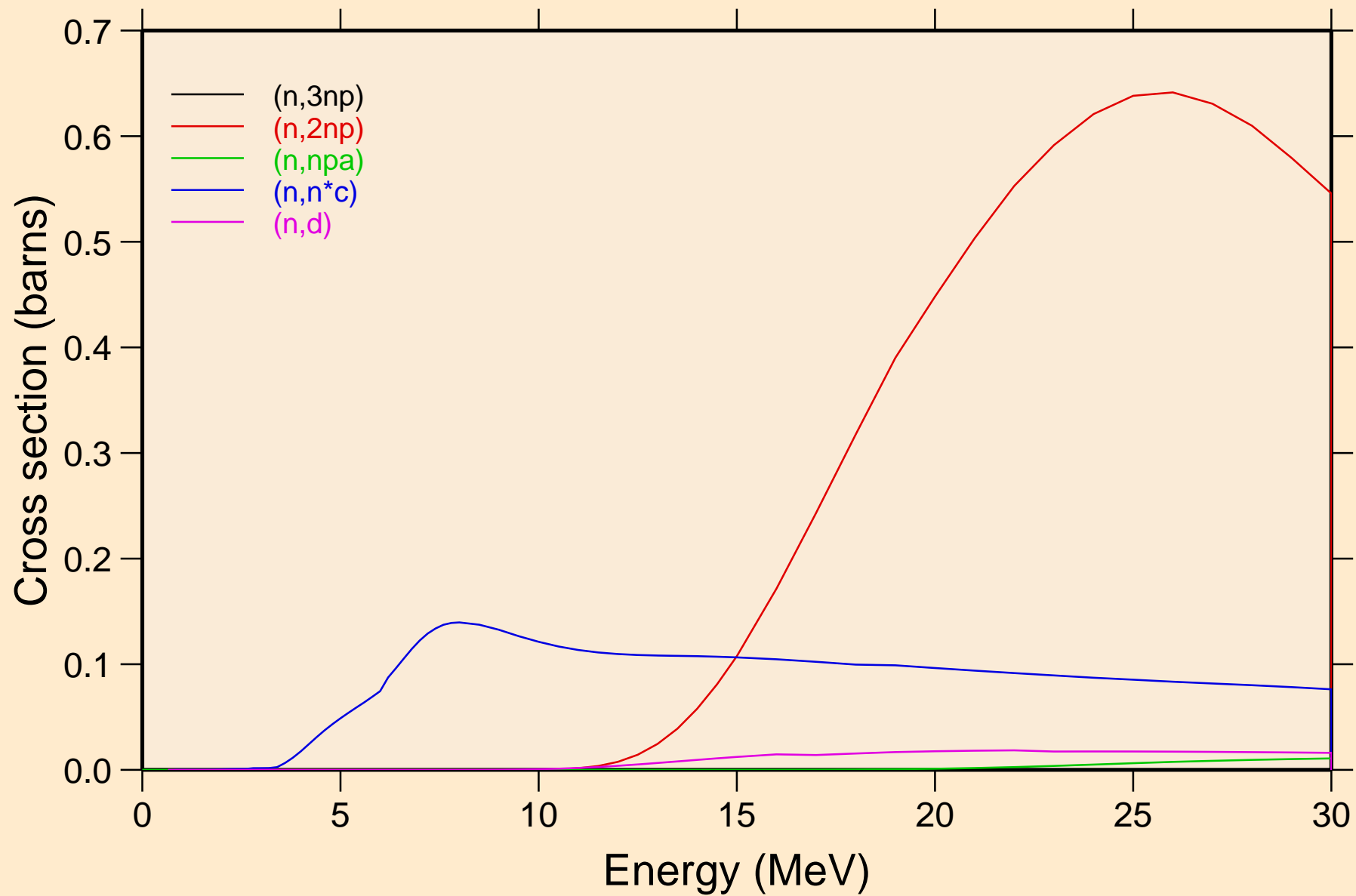
# DY142 NRG TENDL-2015, AKONING

## Threshold reactions



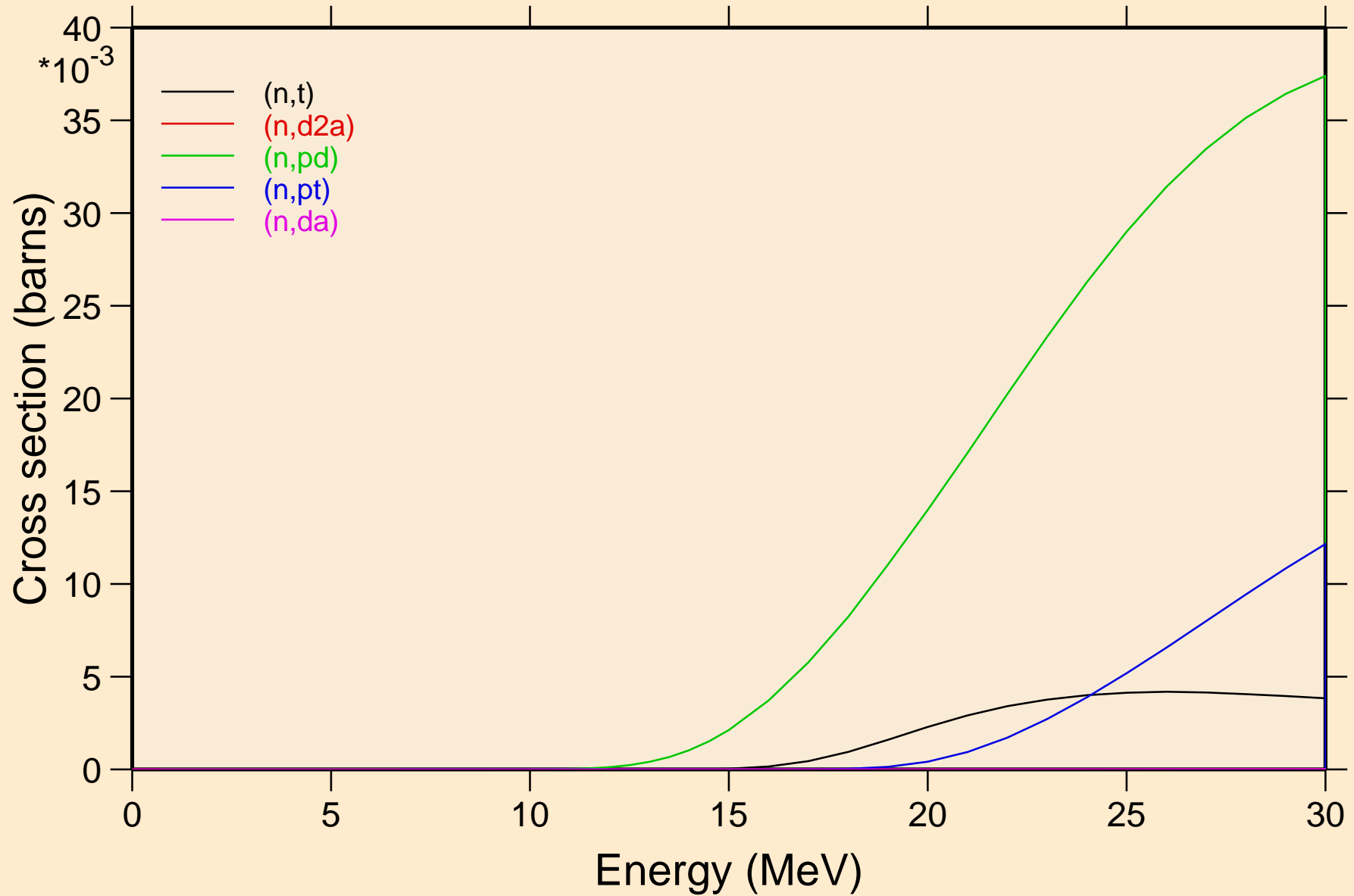
# DY142 NRG TENDL-2015, AKONING

## Threshold reactions

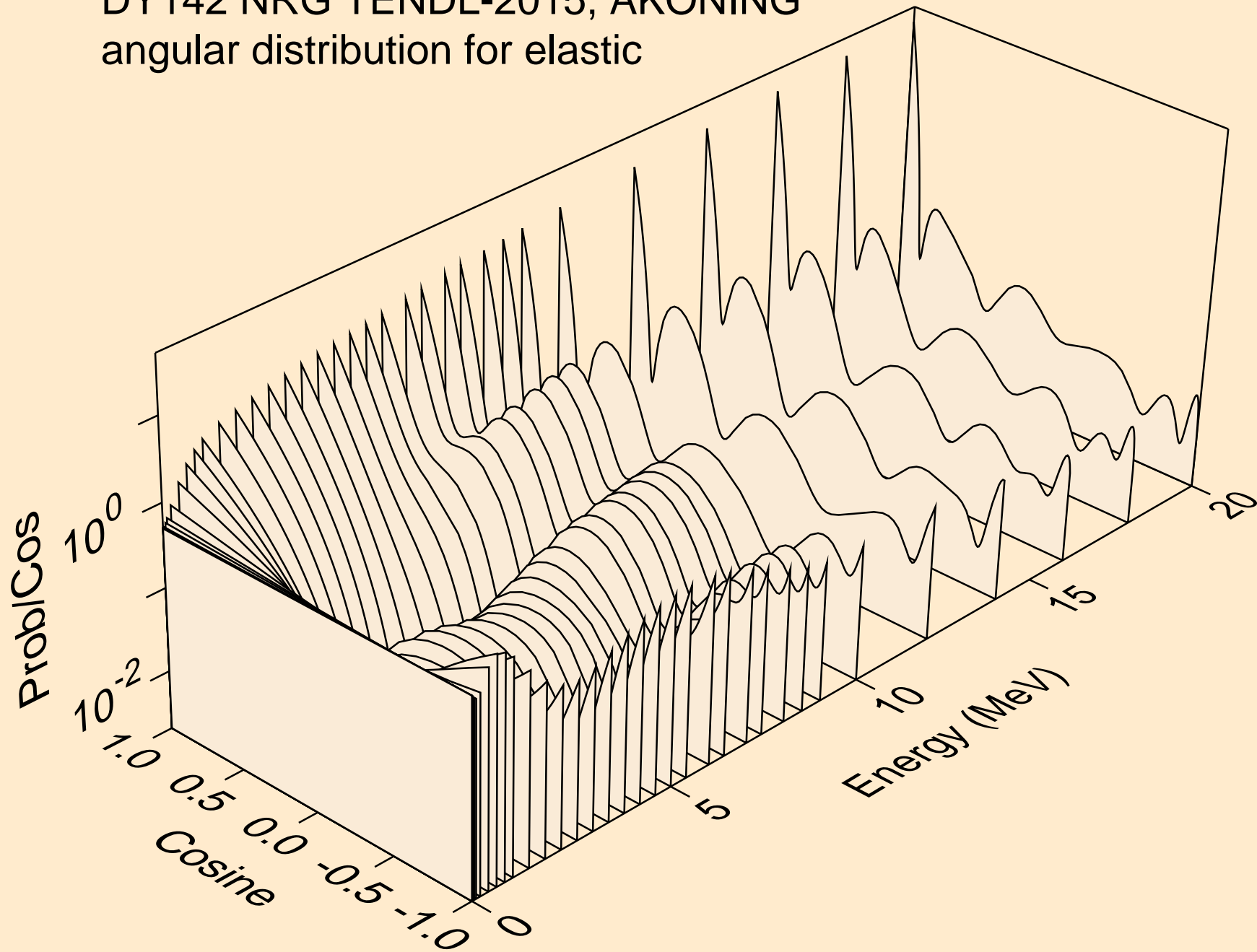


# DY142 NRG TENDL-2015, AKONING

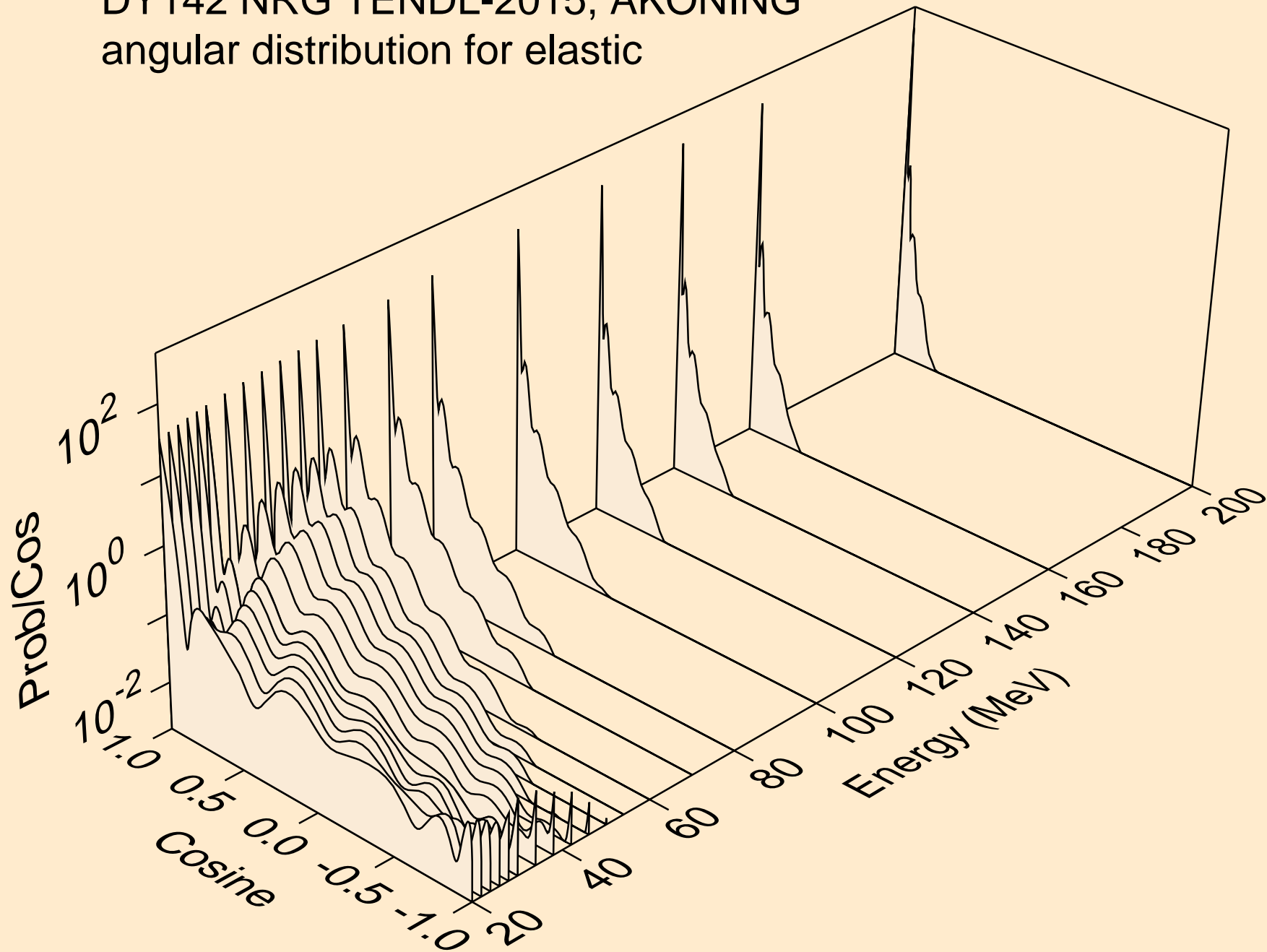
## Threshold reactions



DY142 NRG TENDL-2015, AKONING  
angular distribution for elastic

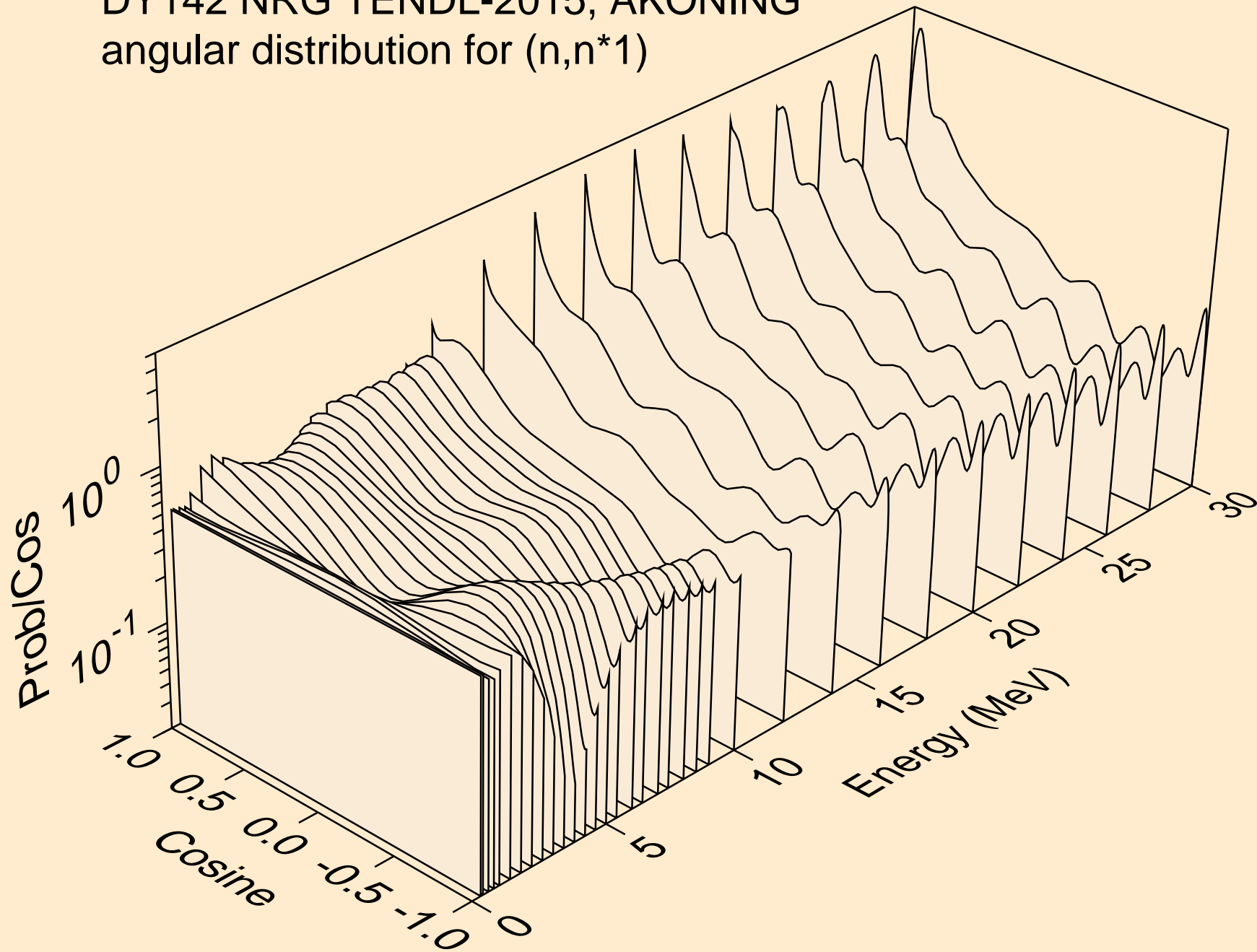


DY142 NRG TENDL-2015, AKONING  
angular distribution for elastic

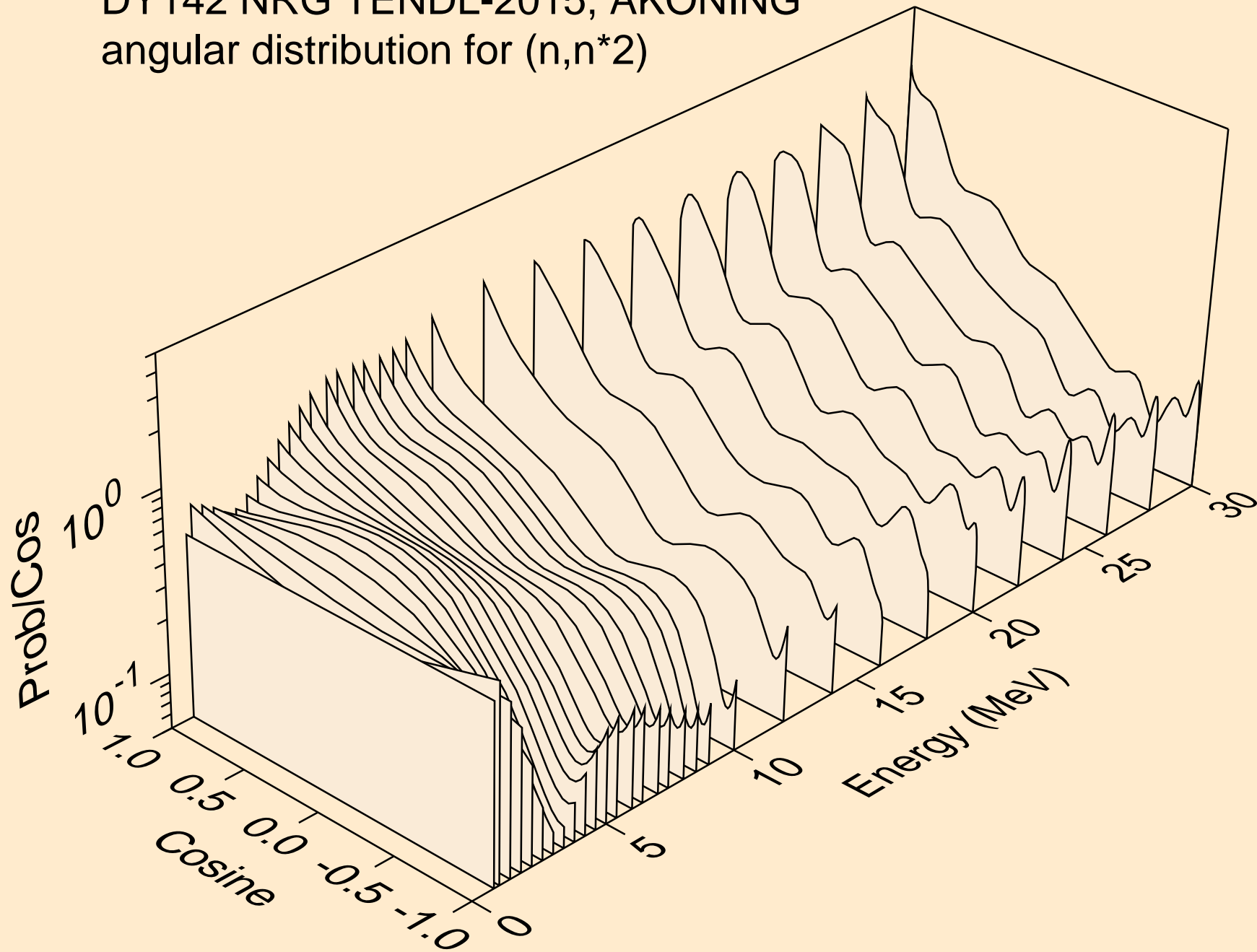




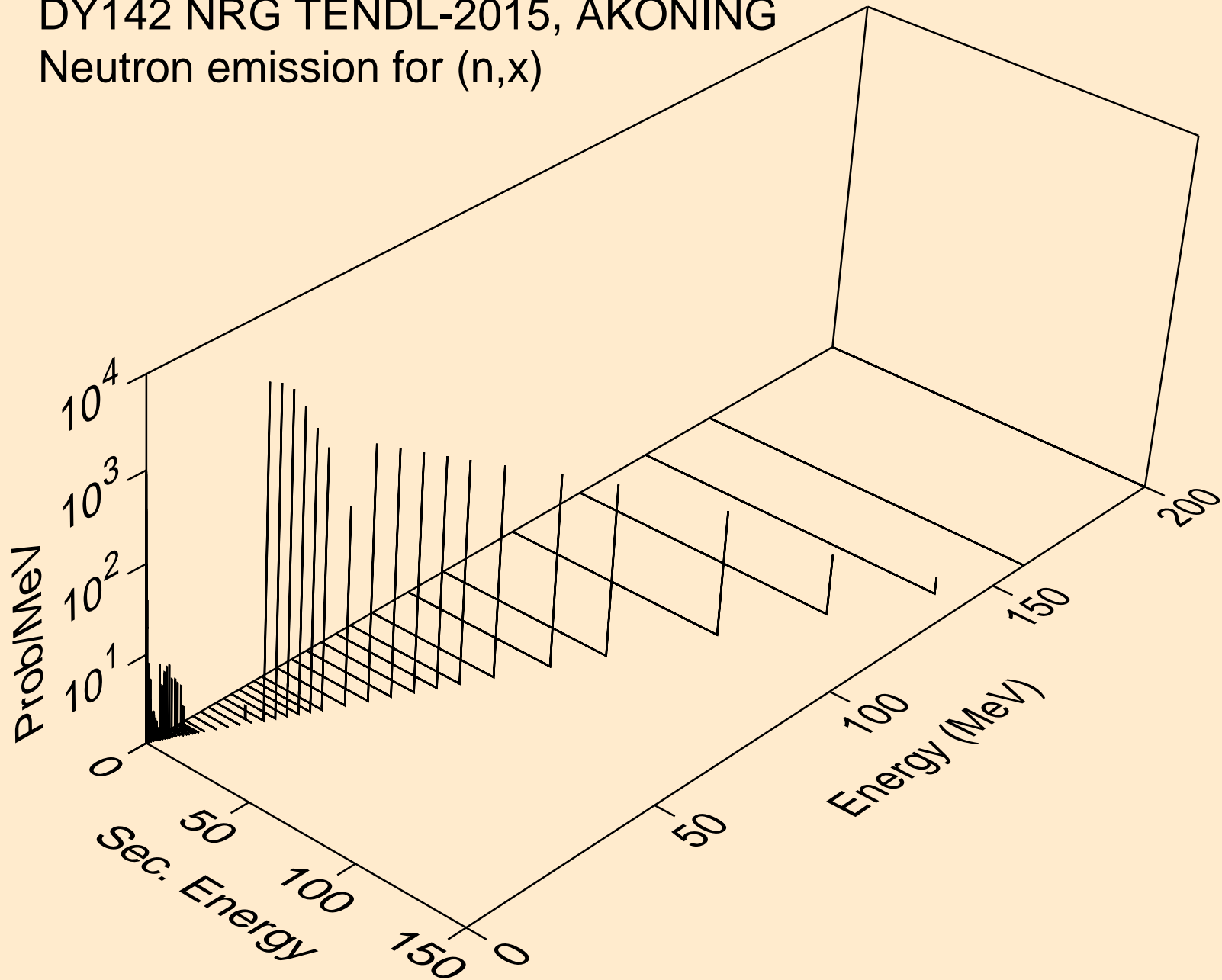
DY142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



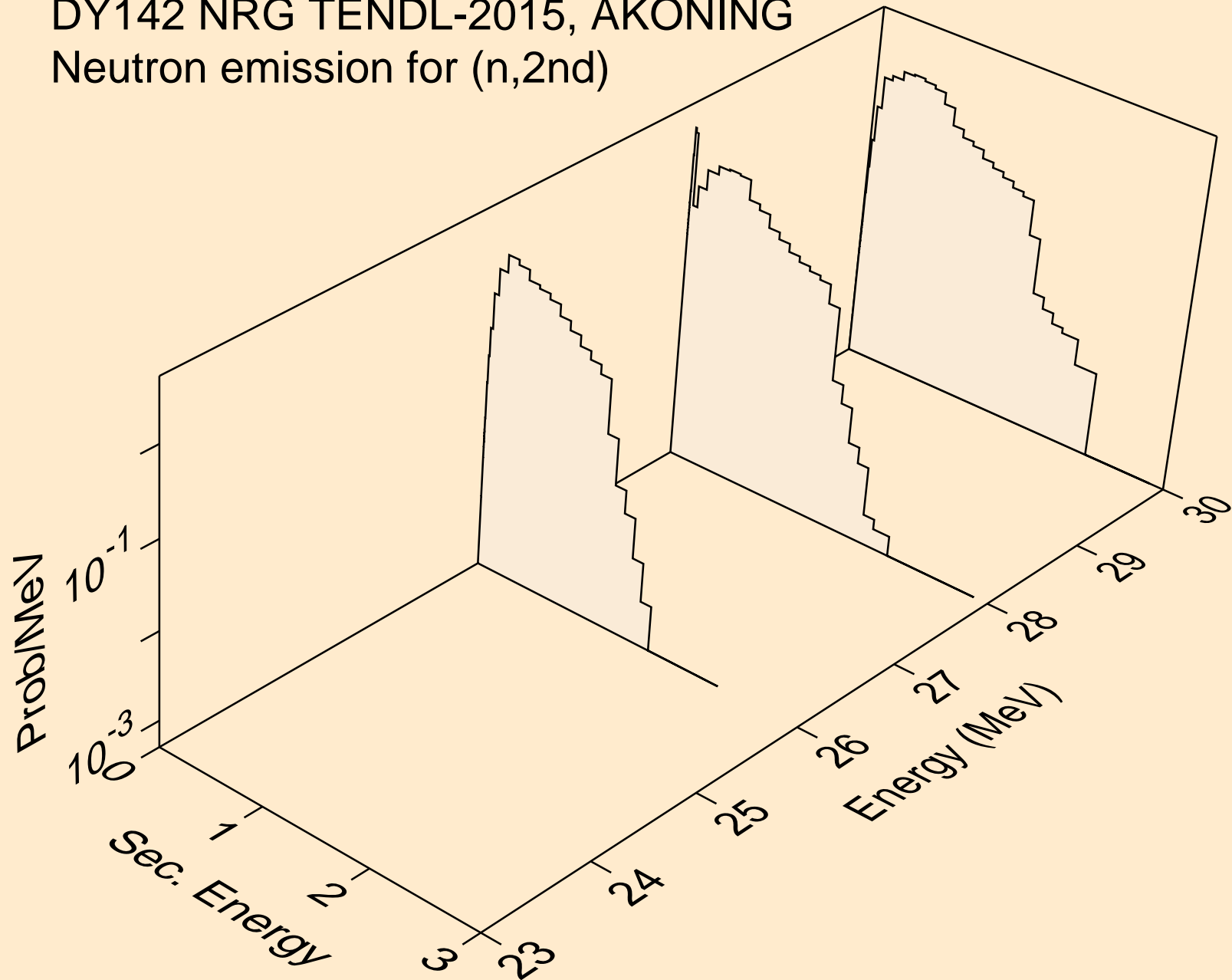
DY142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



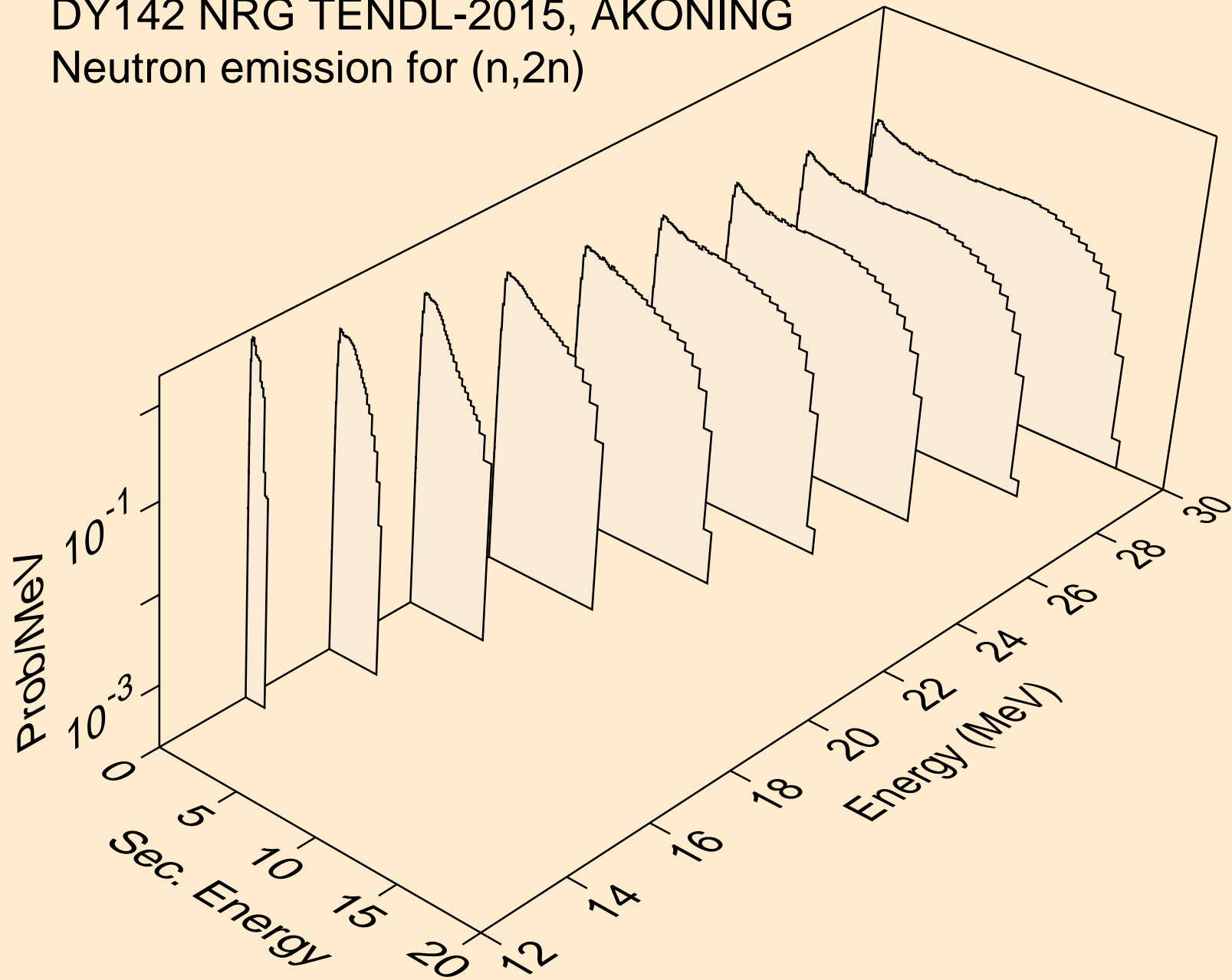
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



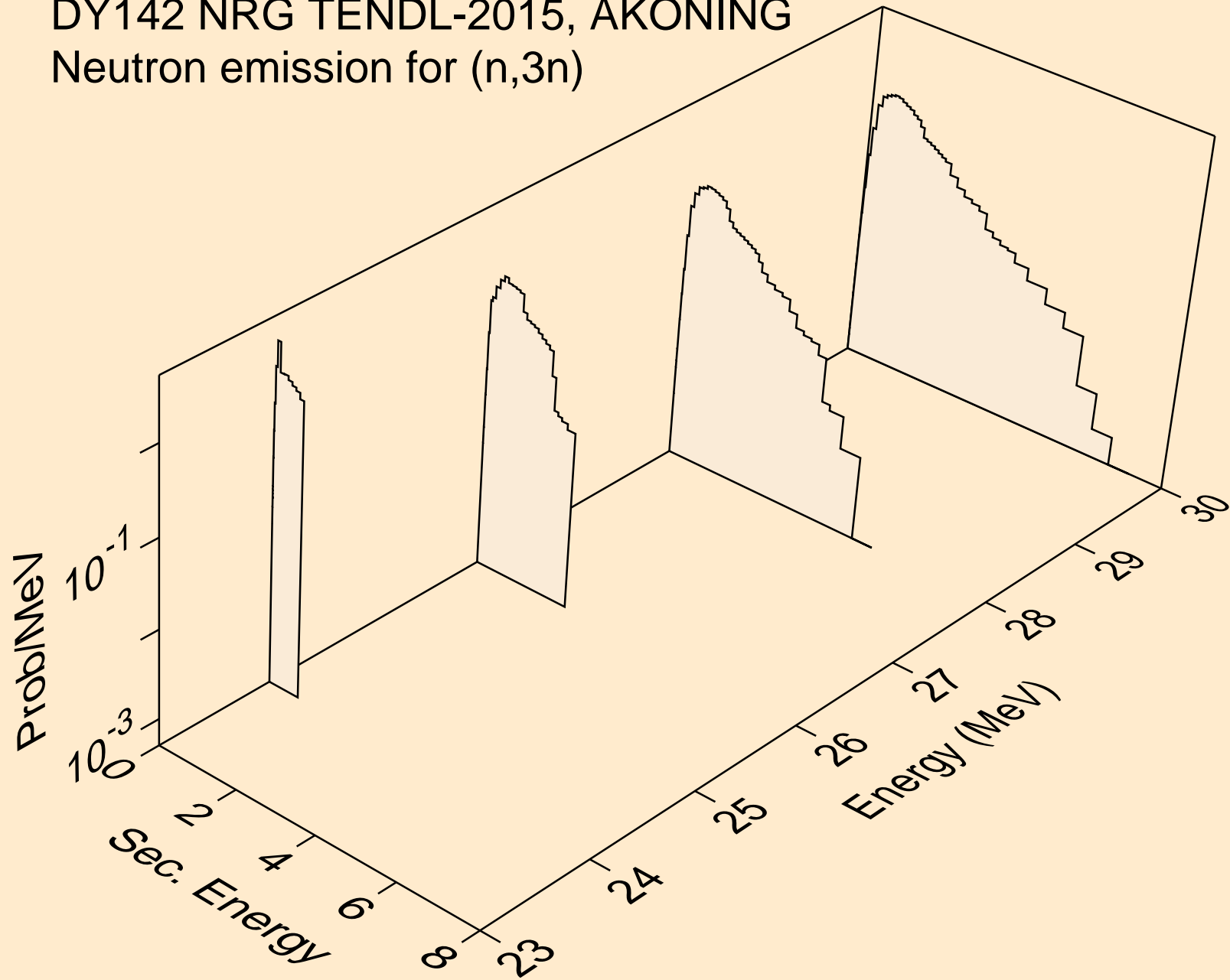
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



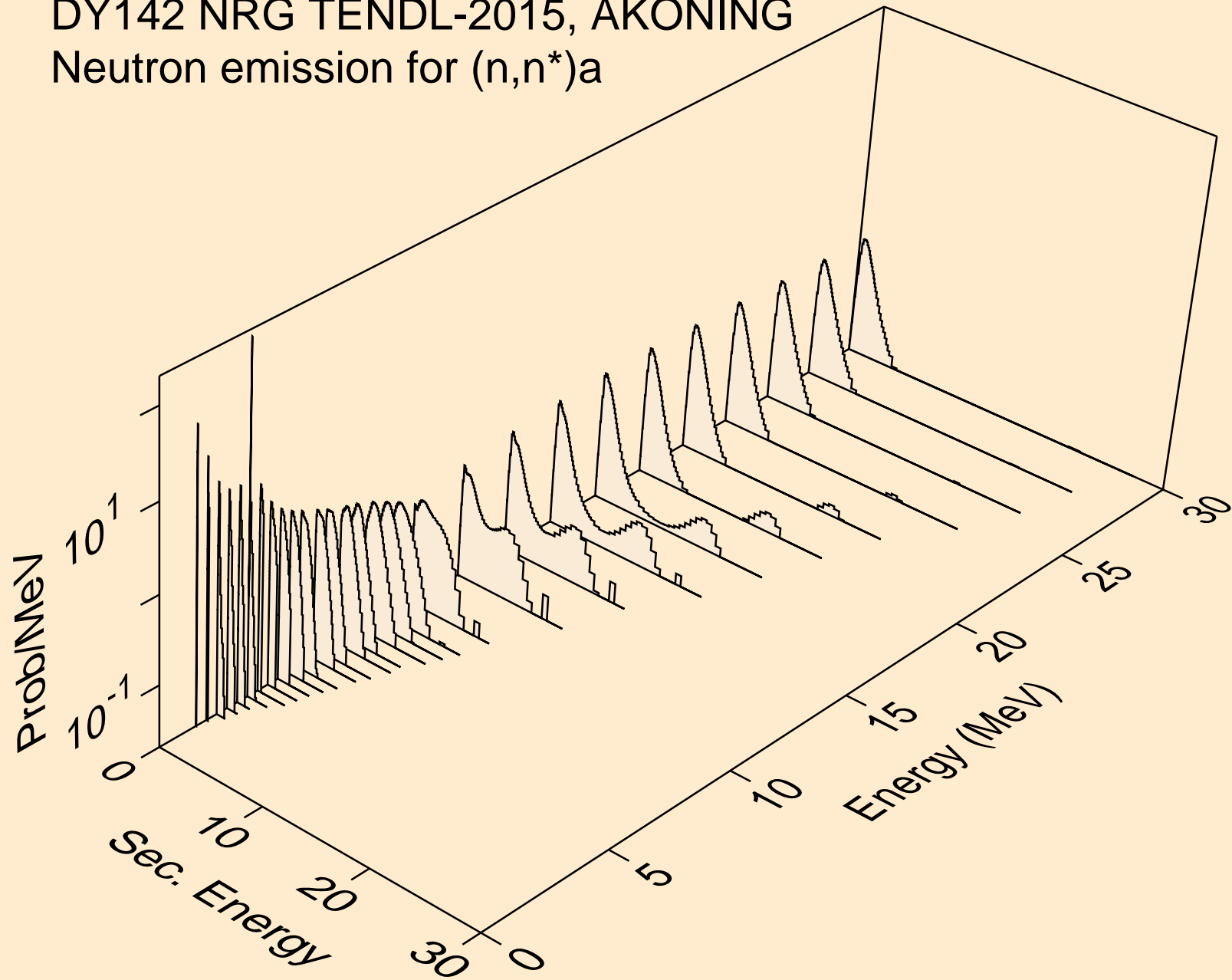
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



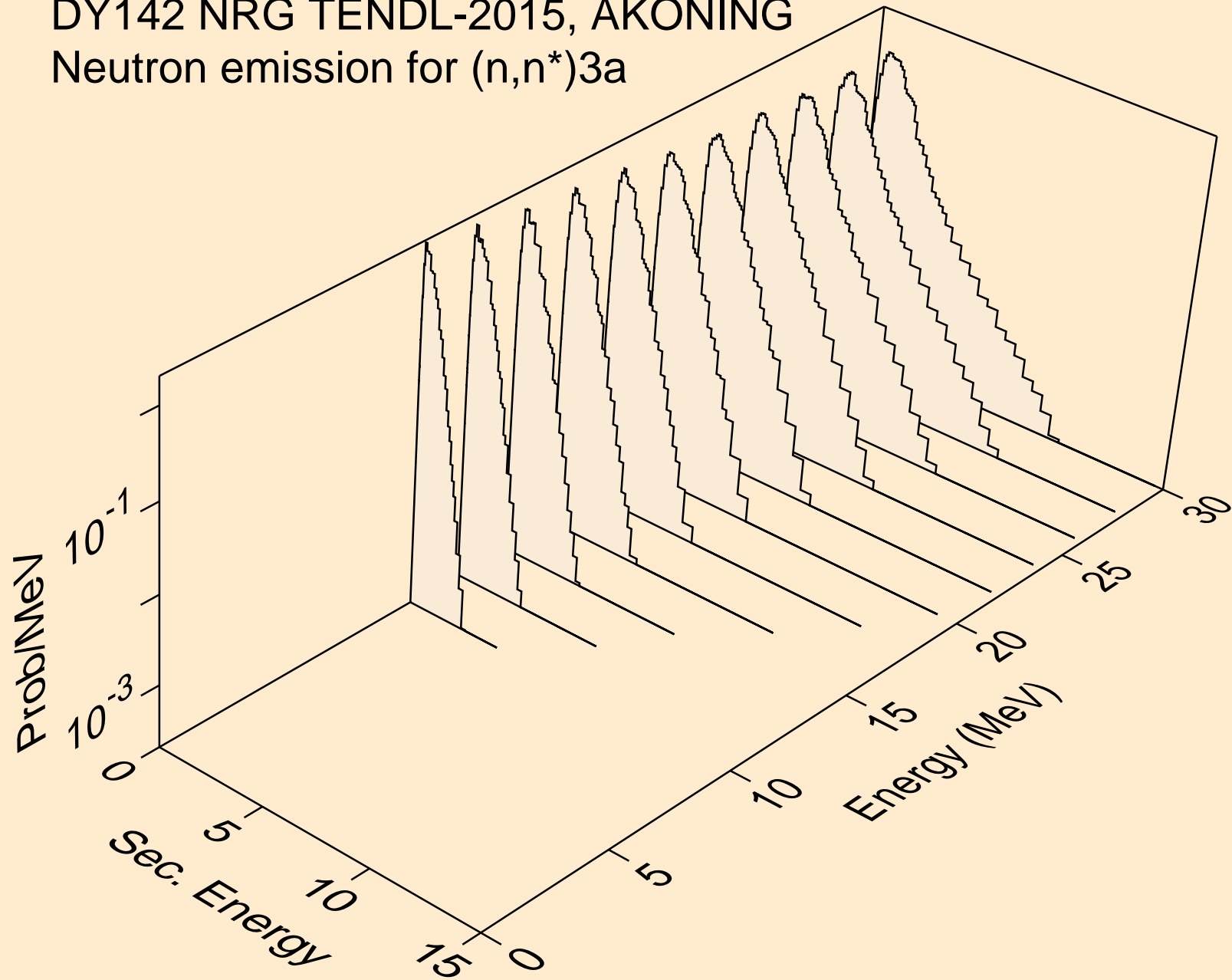
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

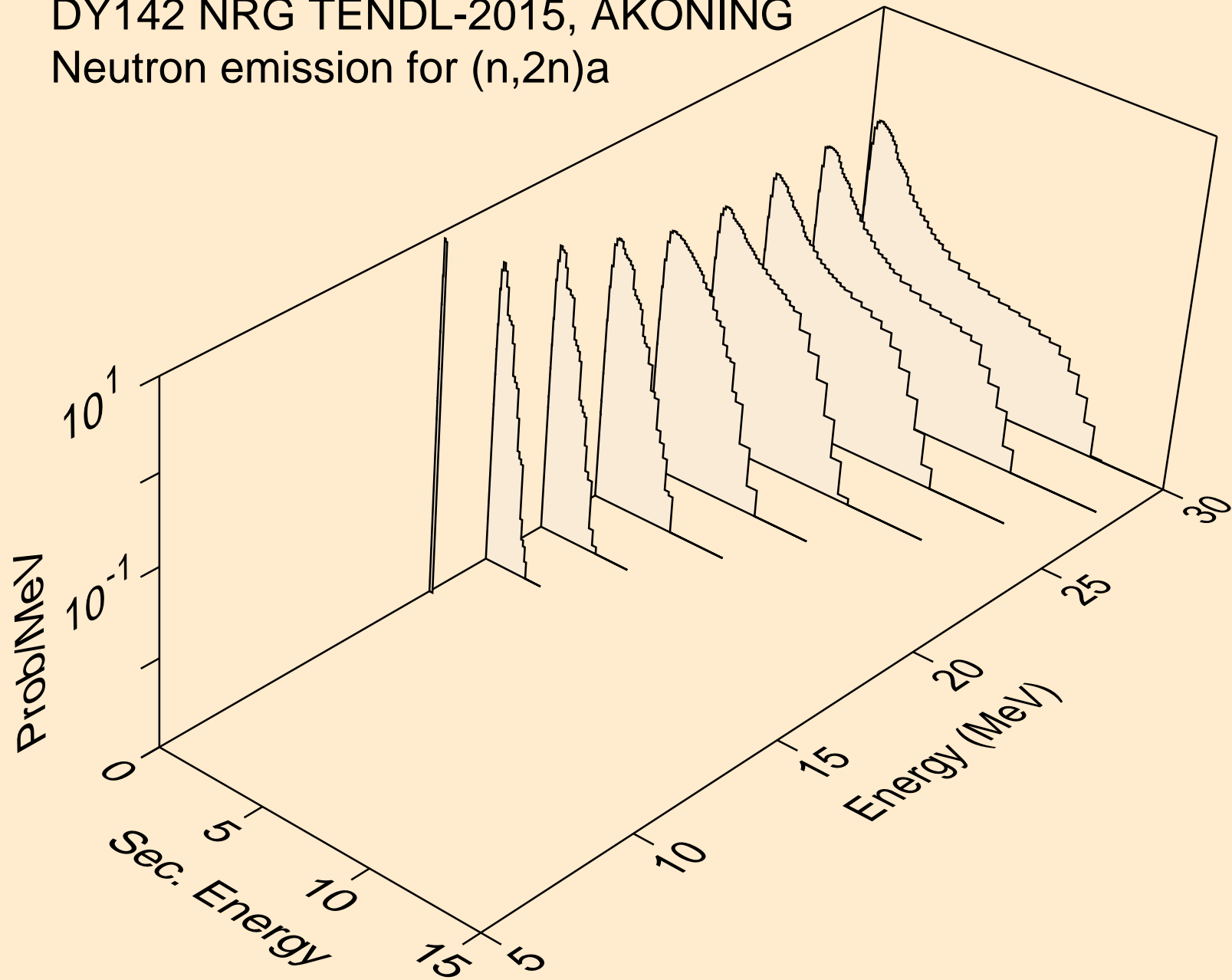


DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

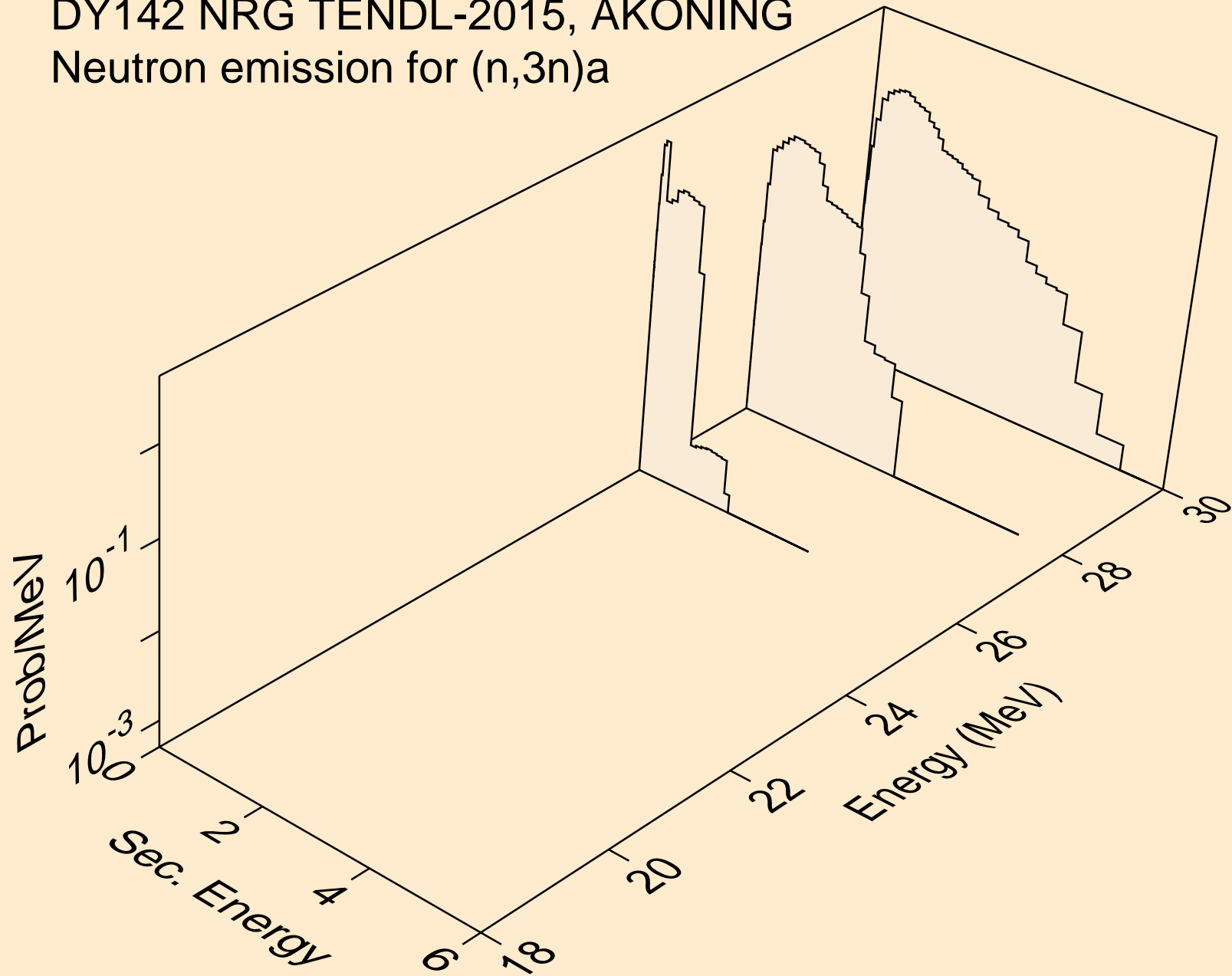




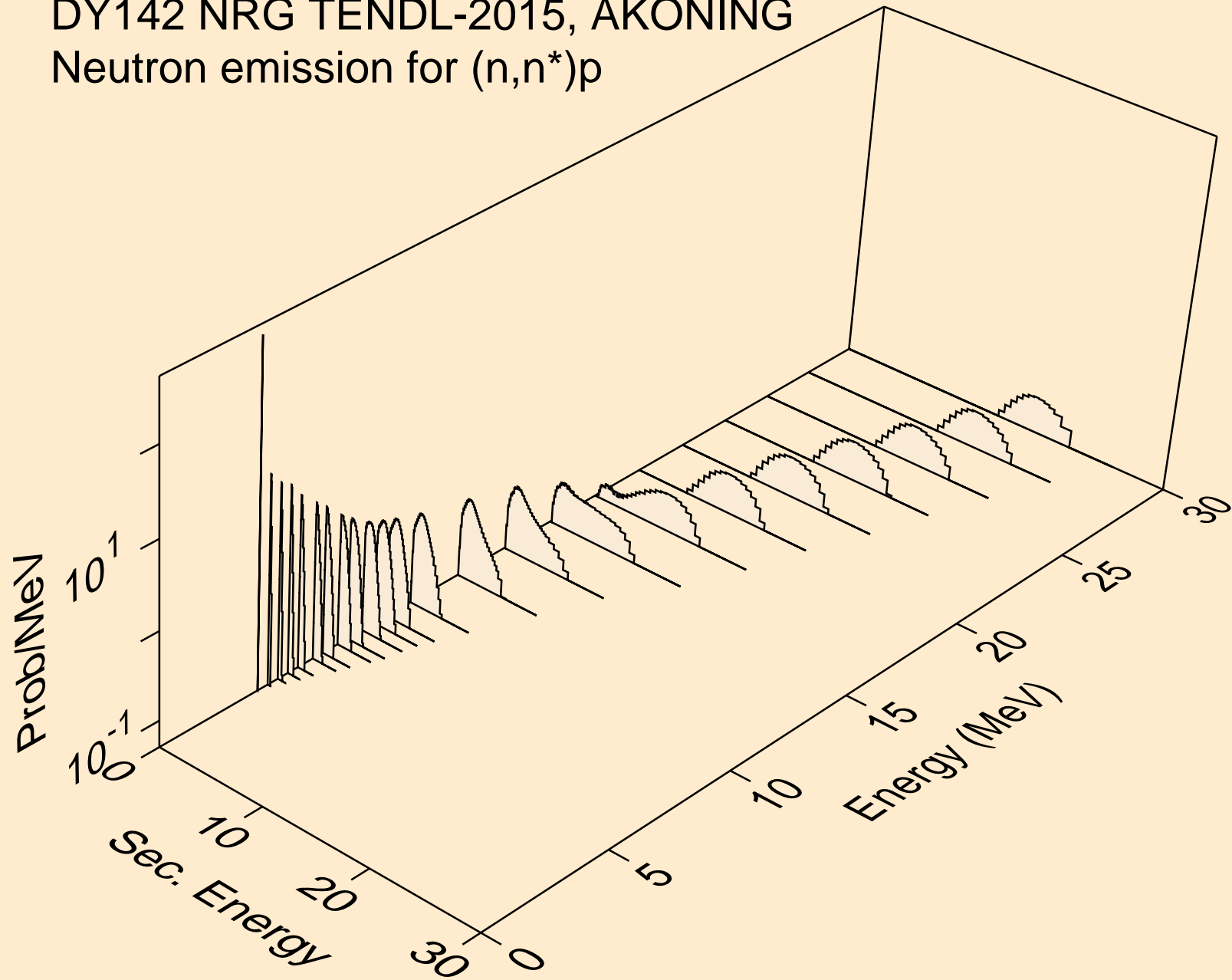
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



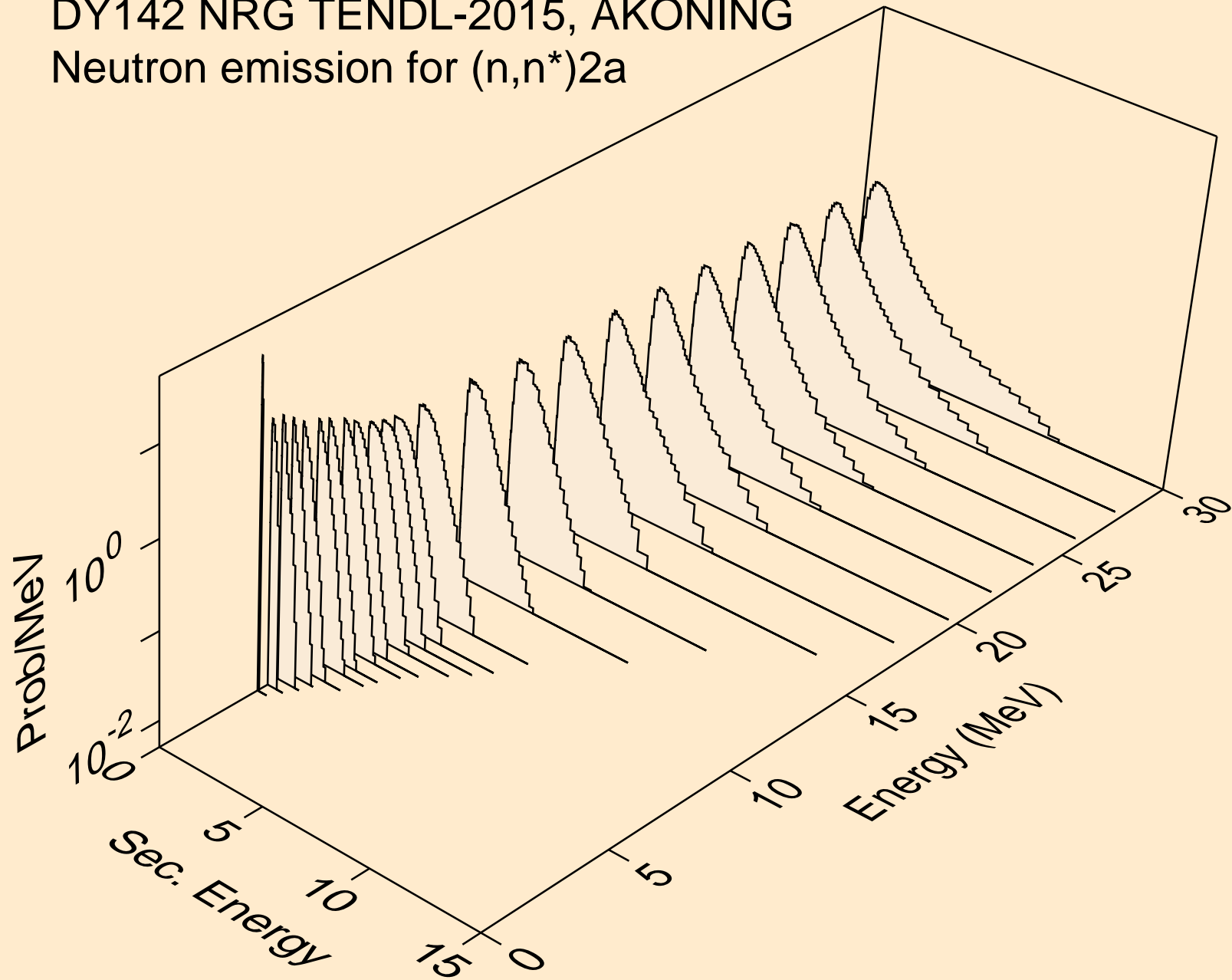
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



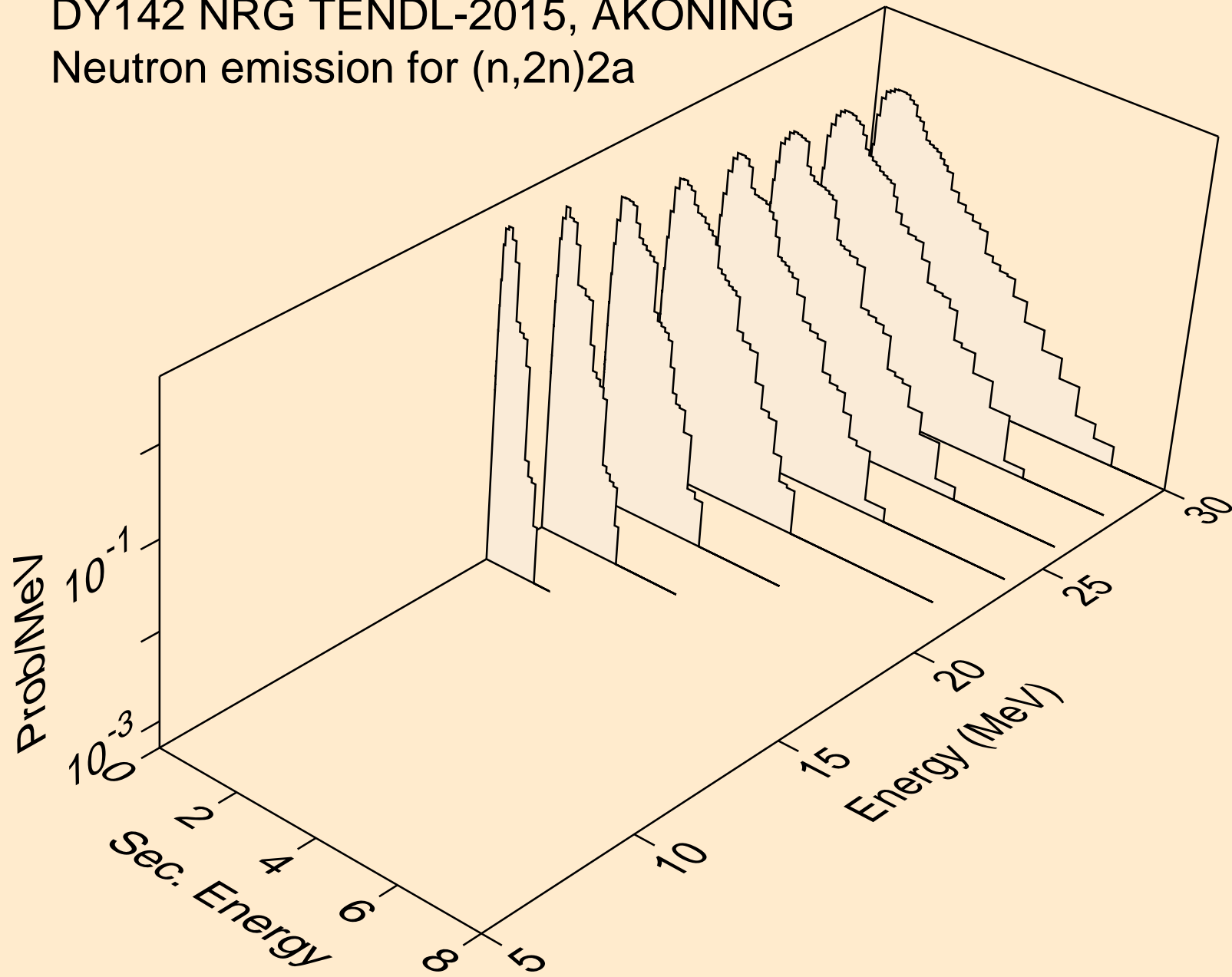
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



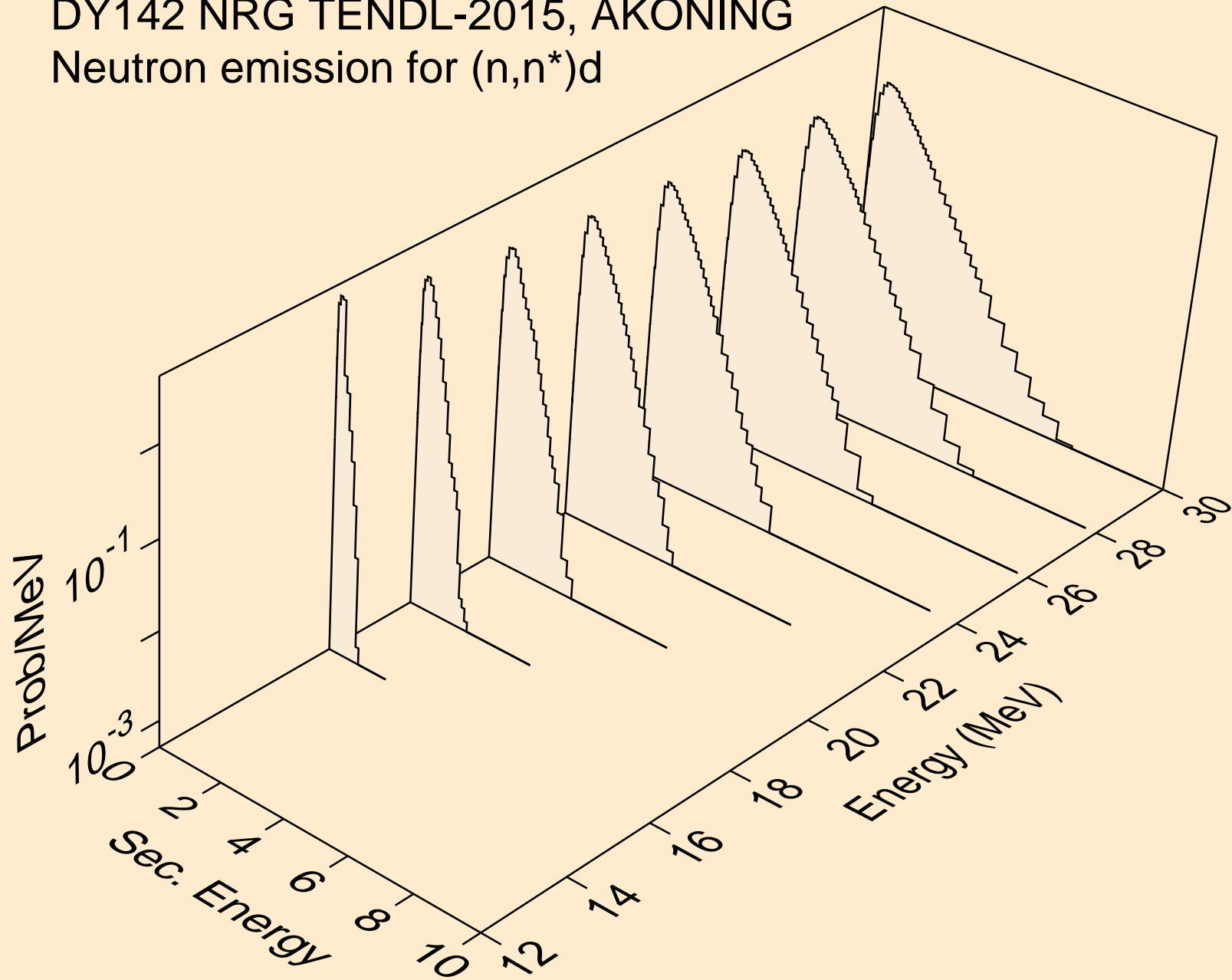
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



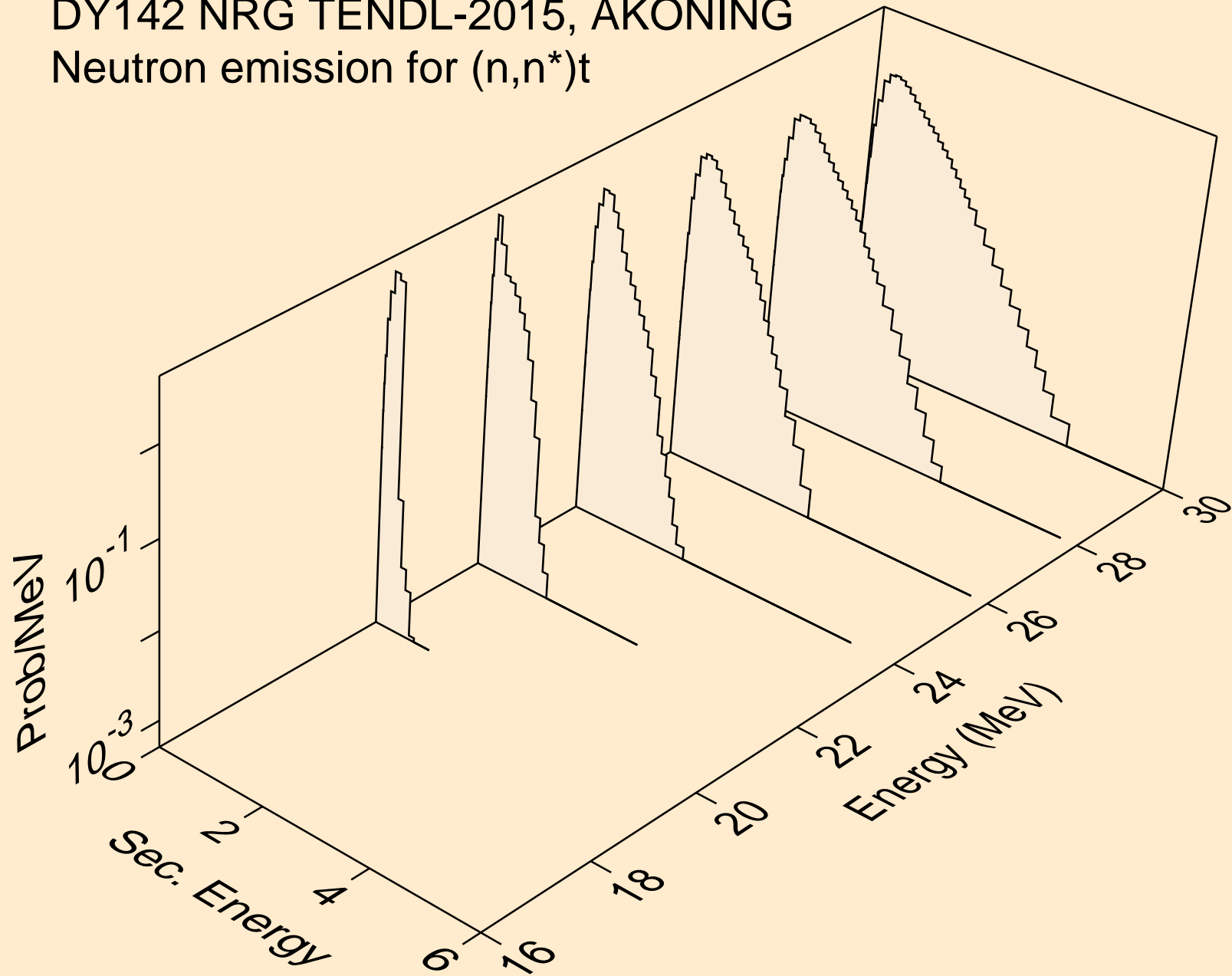
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



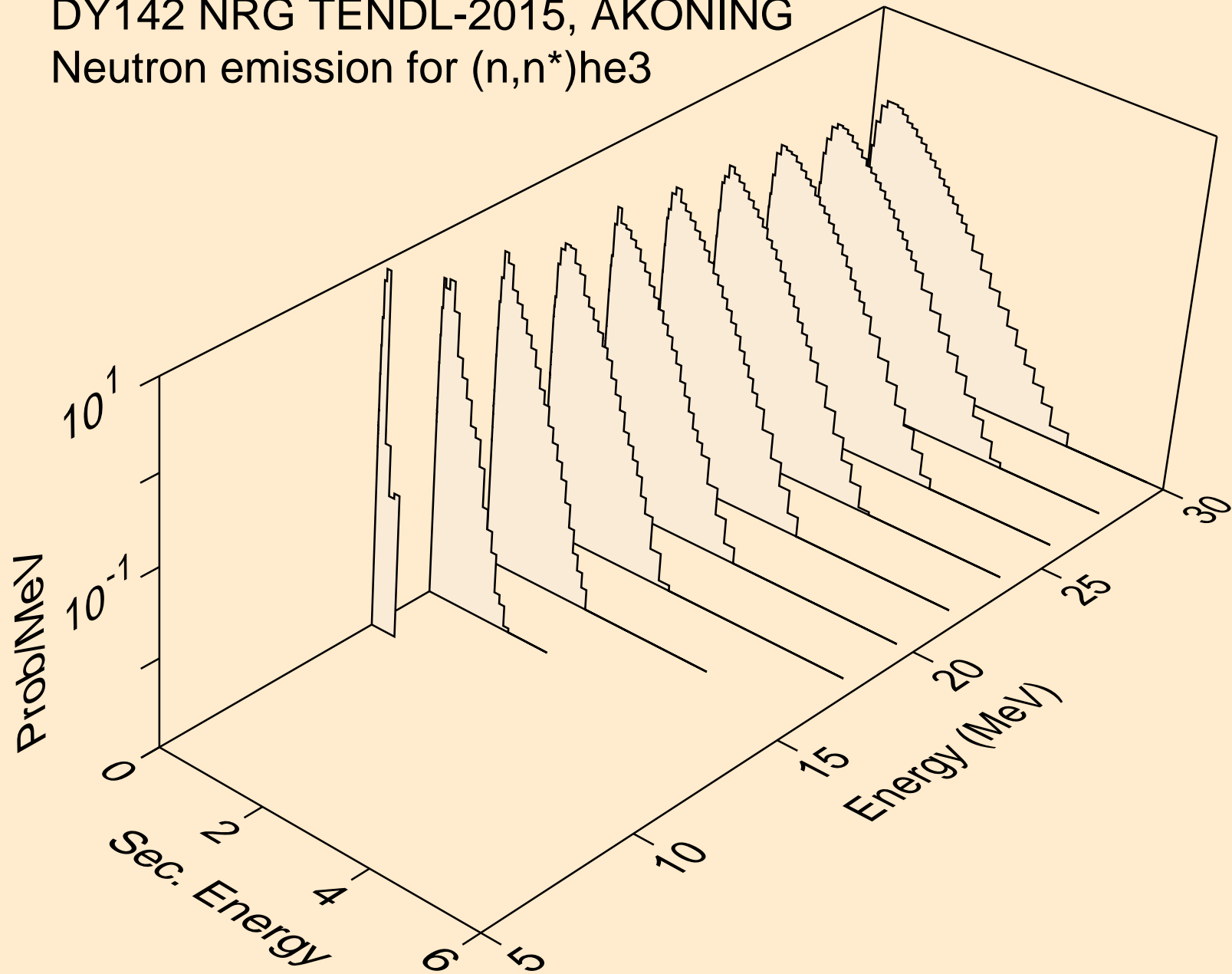
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

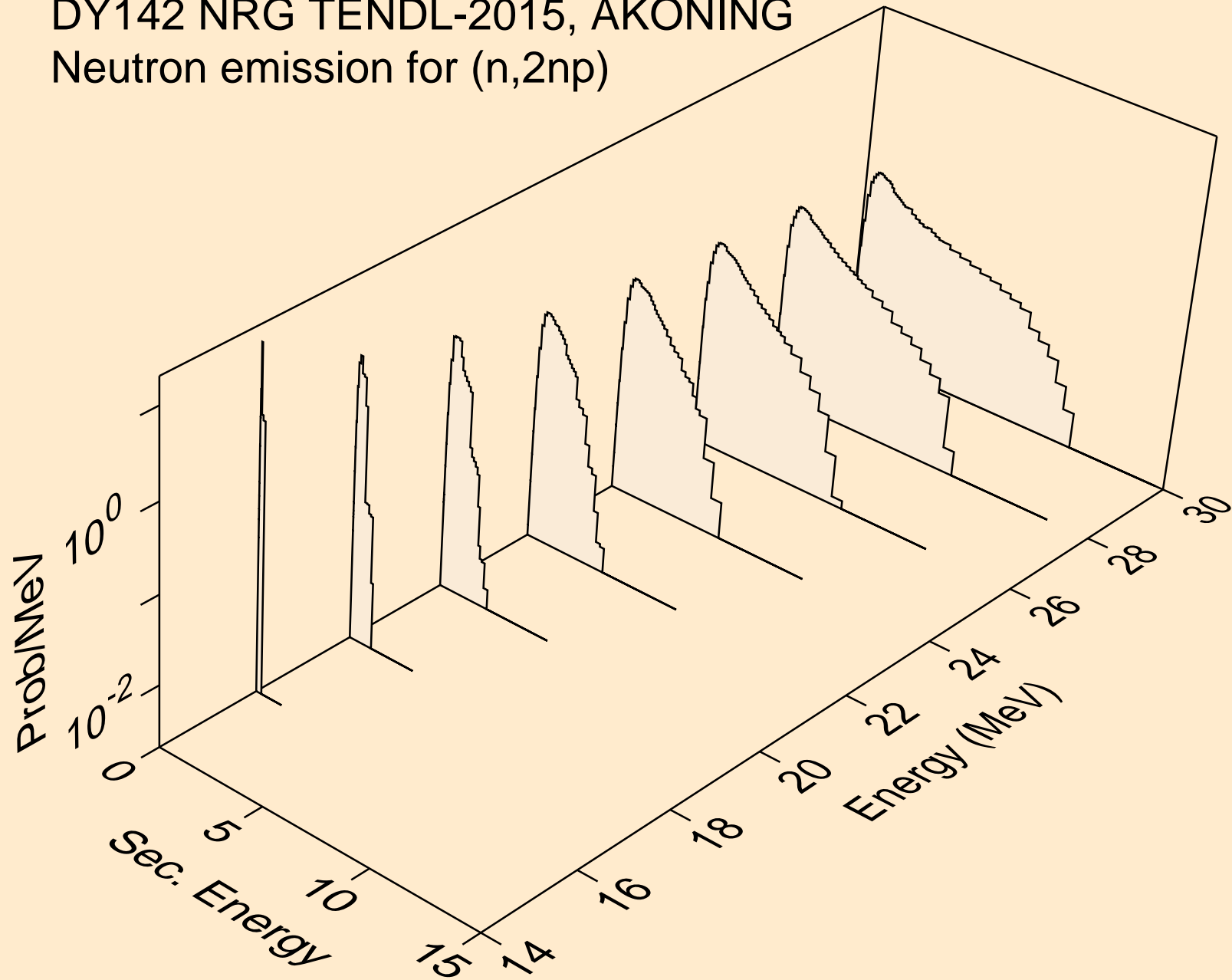


DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

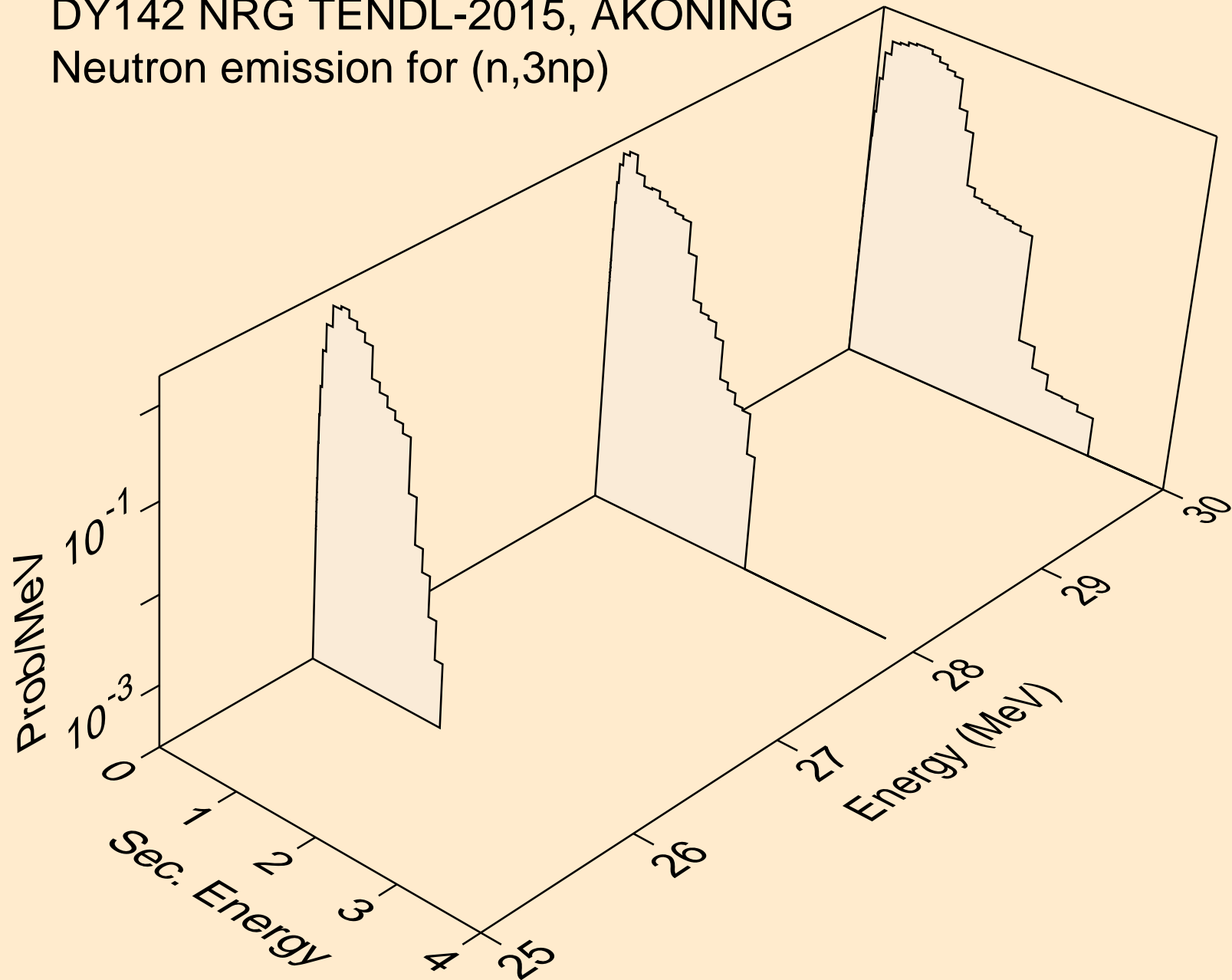




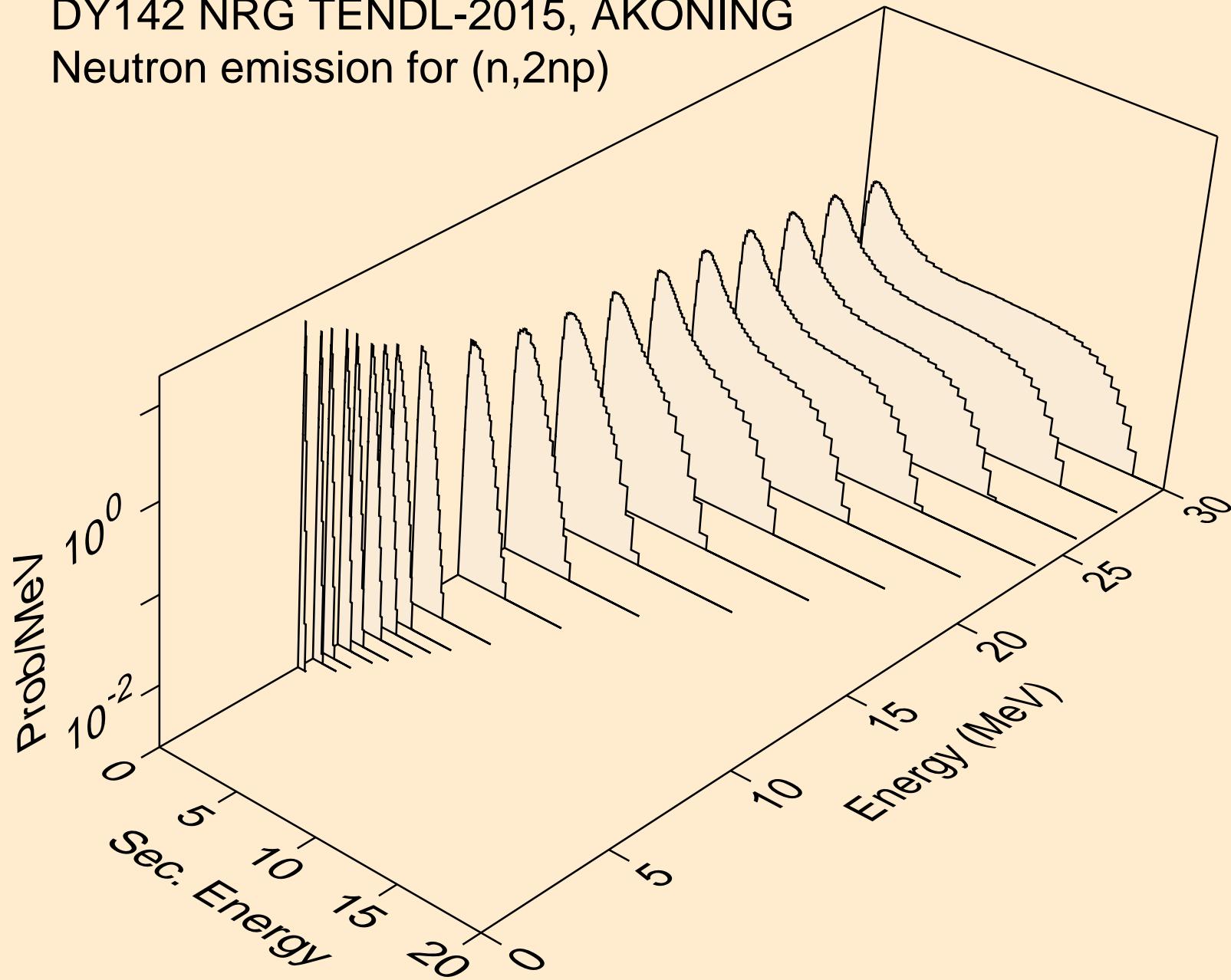
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



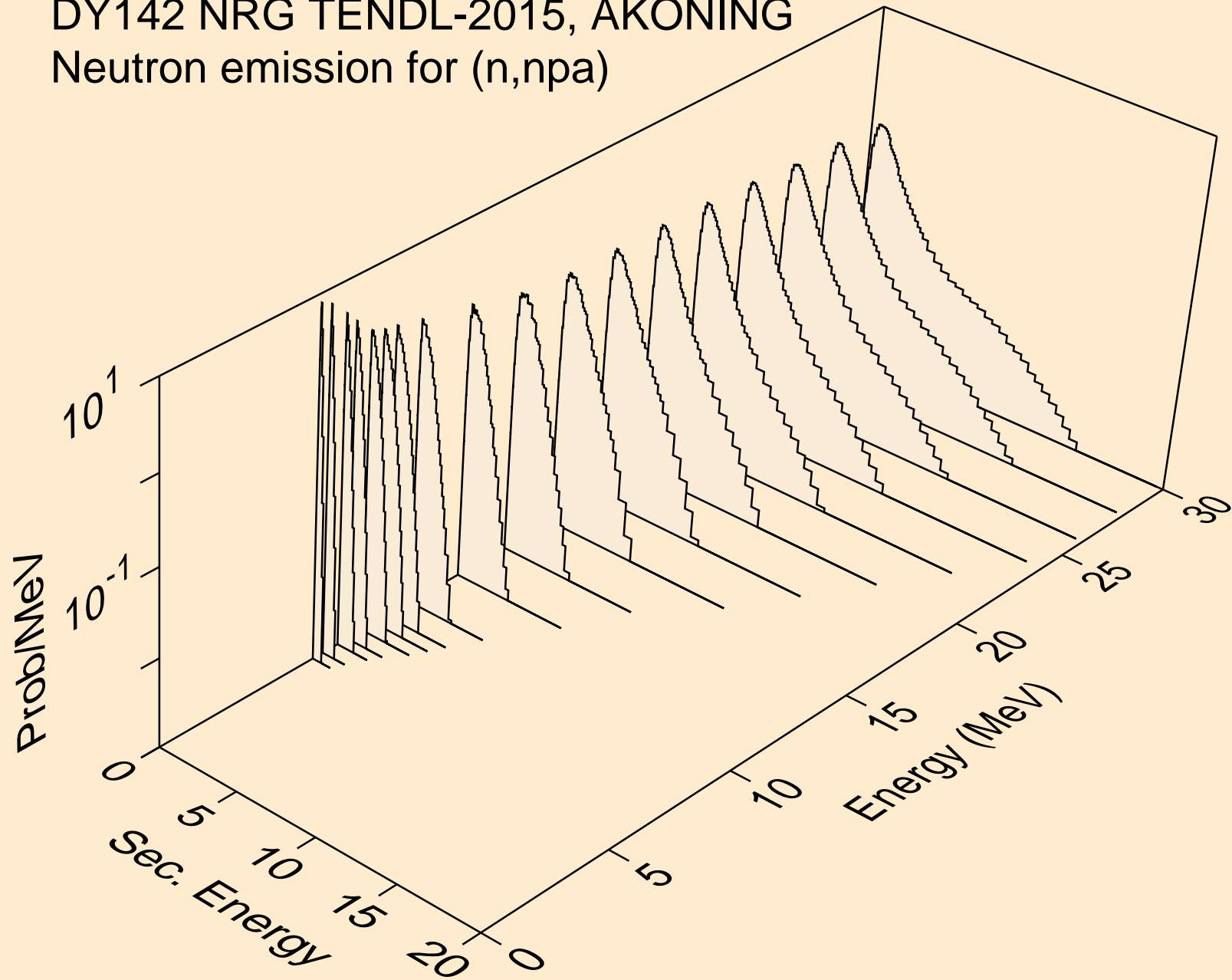
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



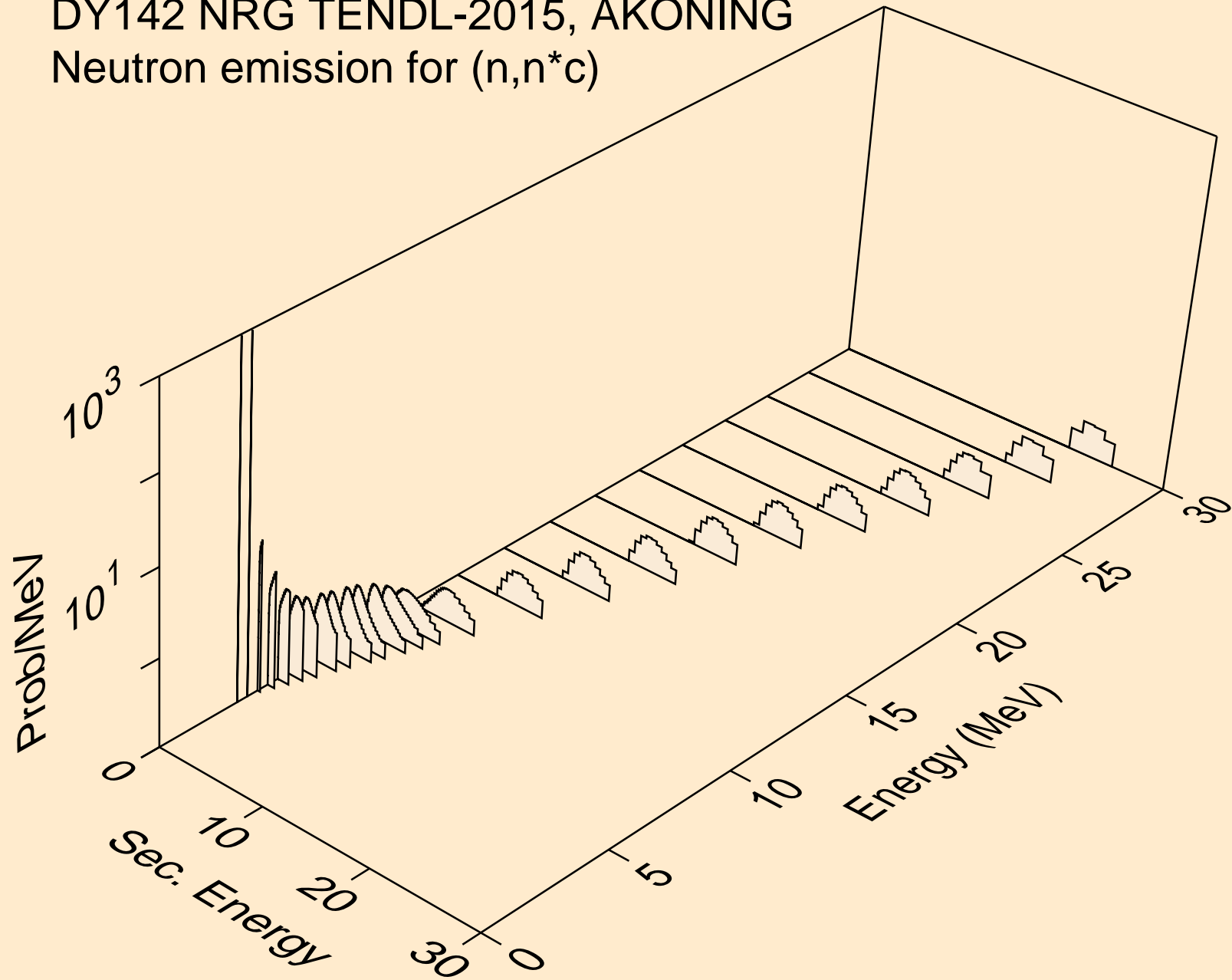
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



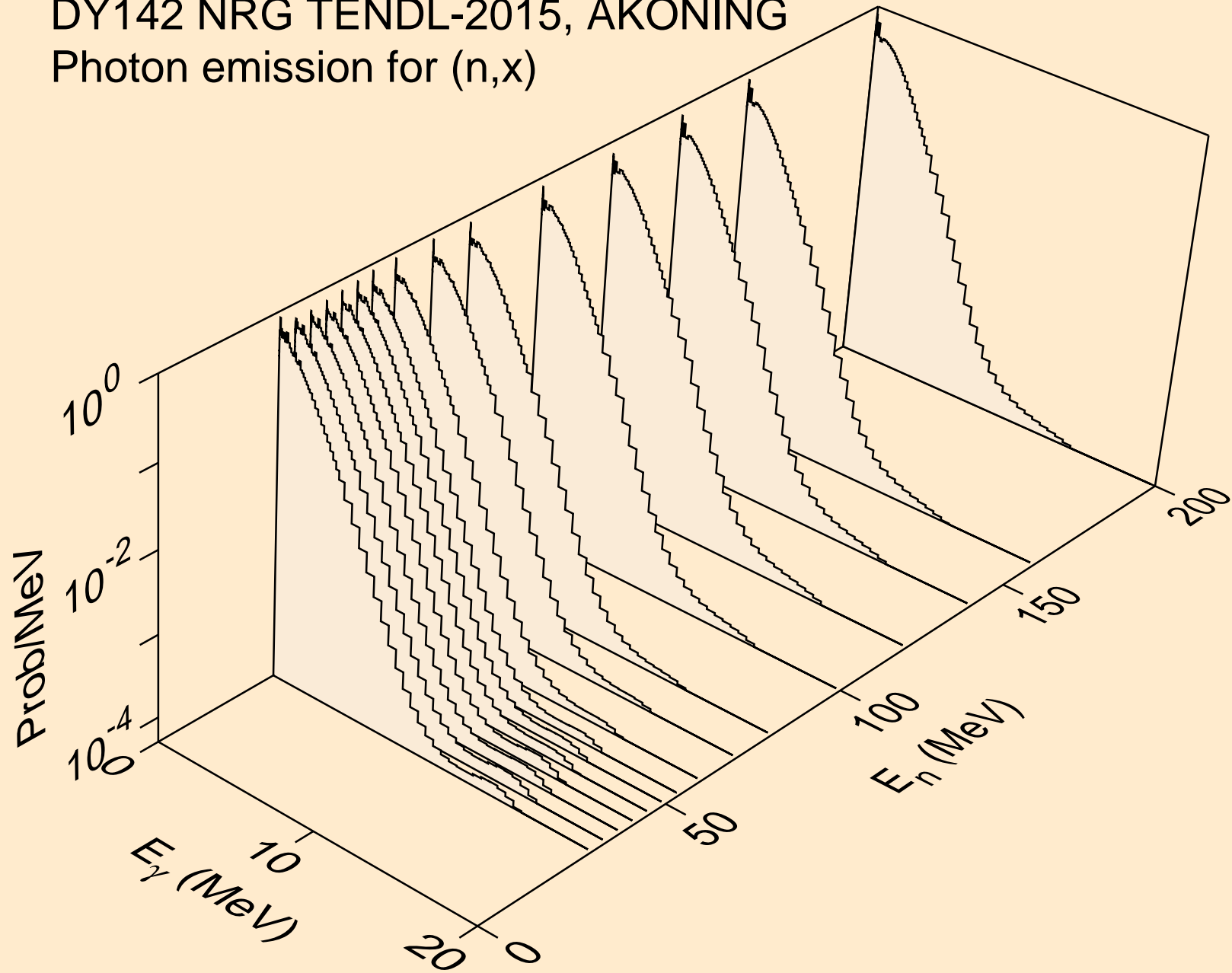
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



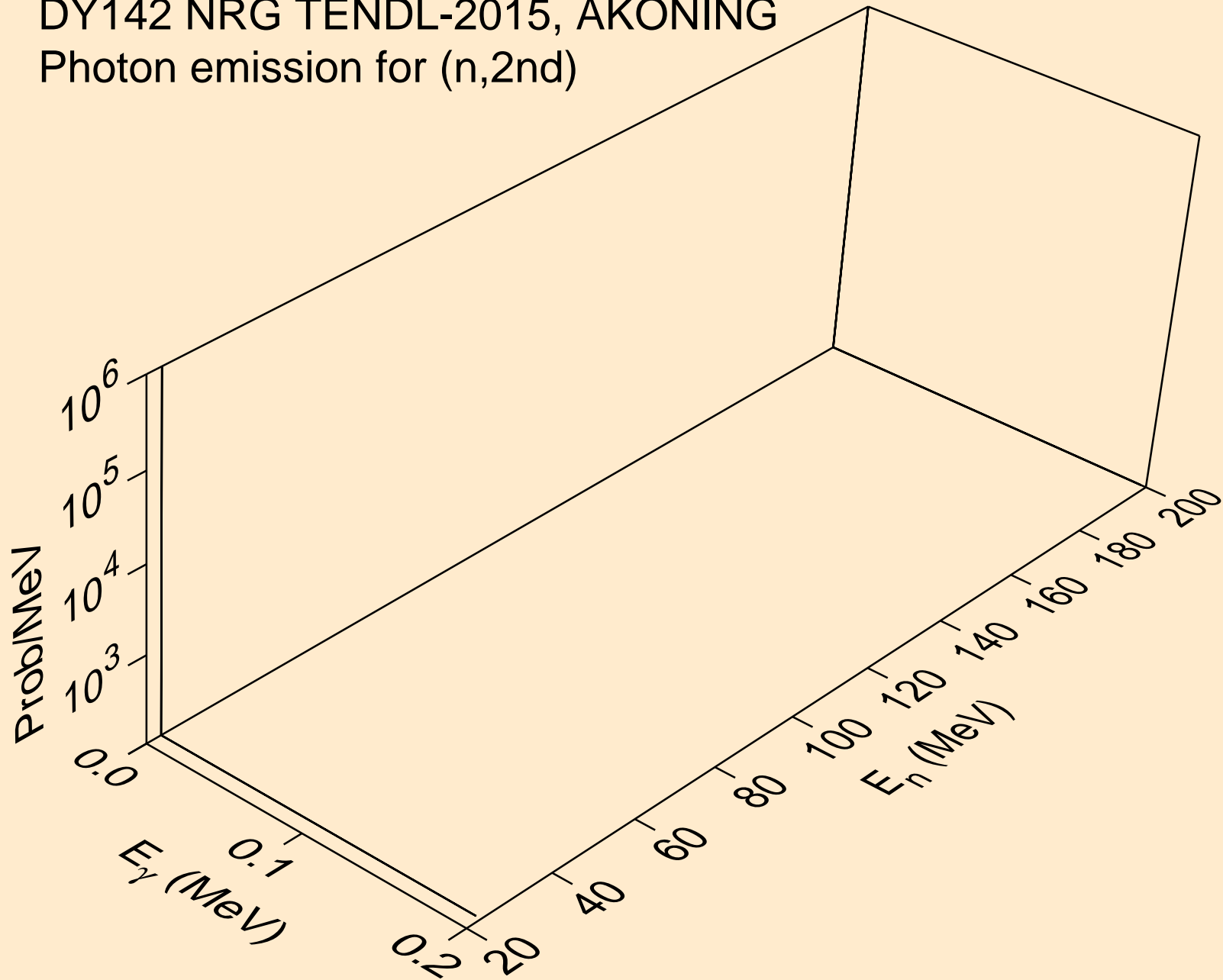
DY142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



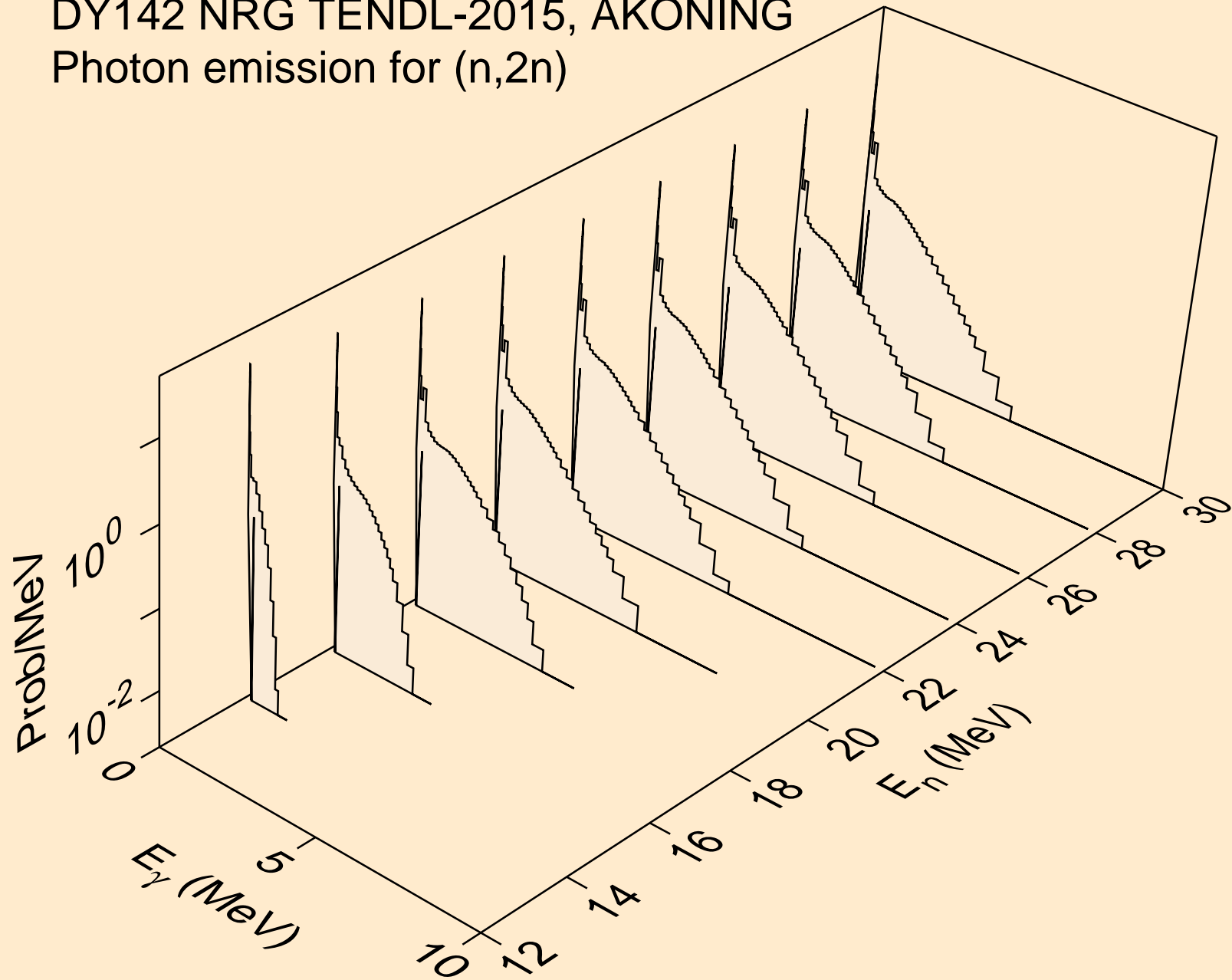
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

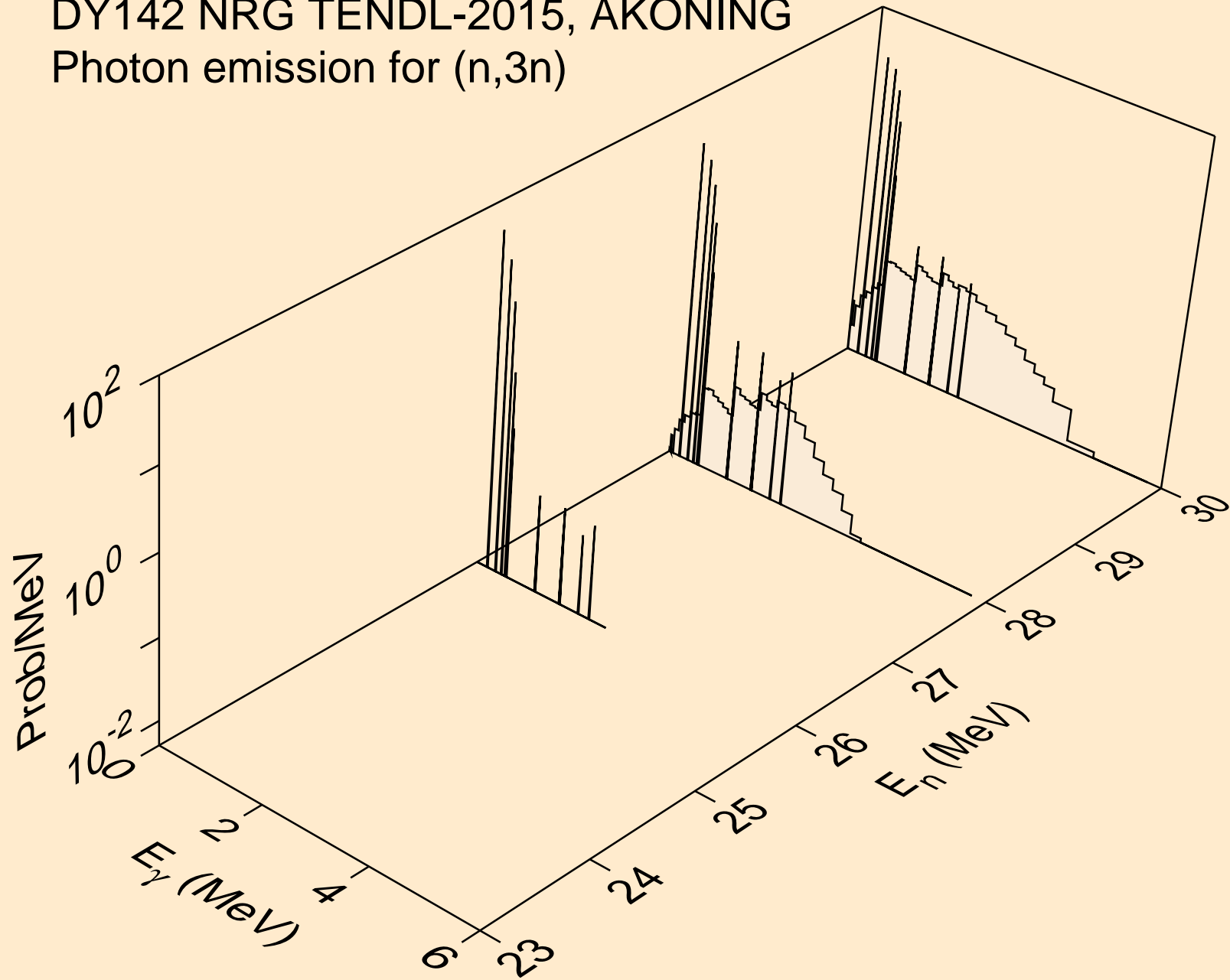


DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

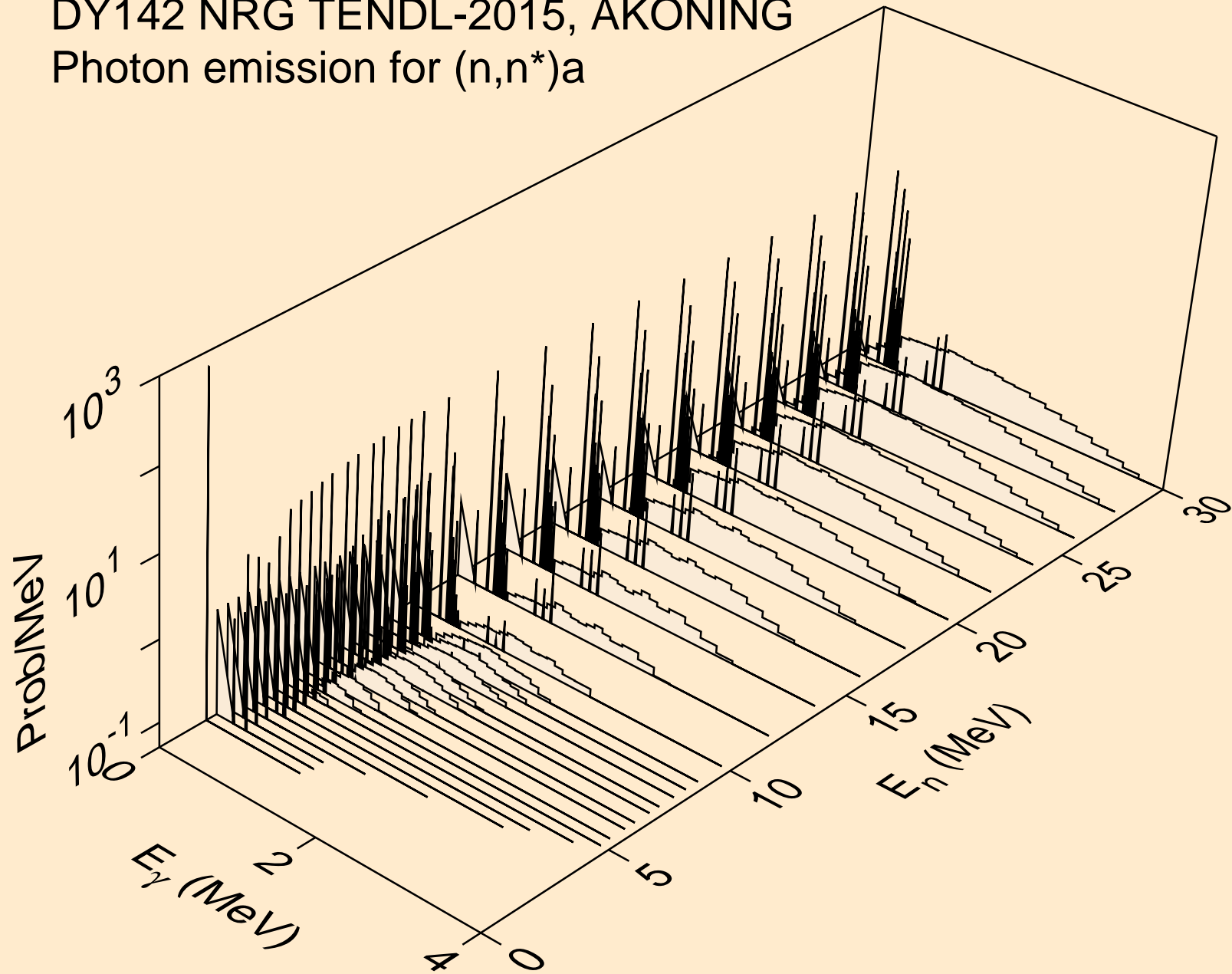




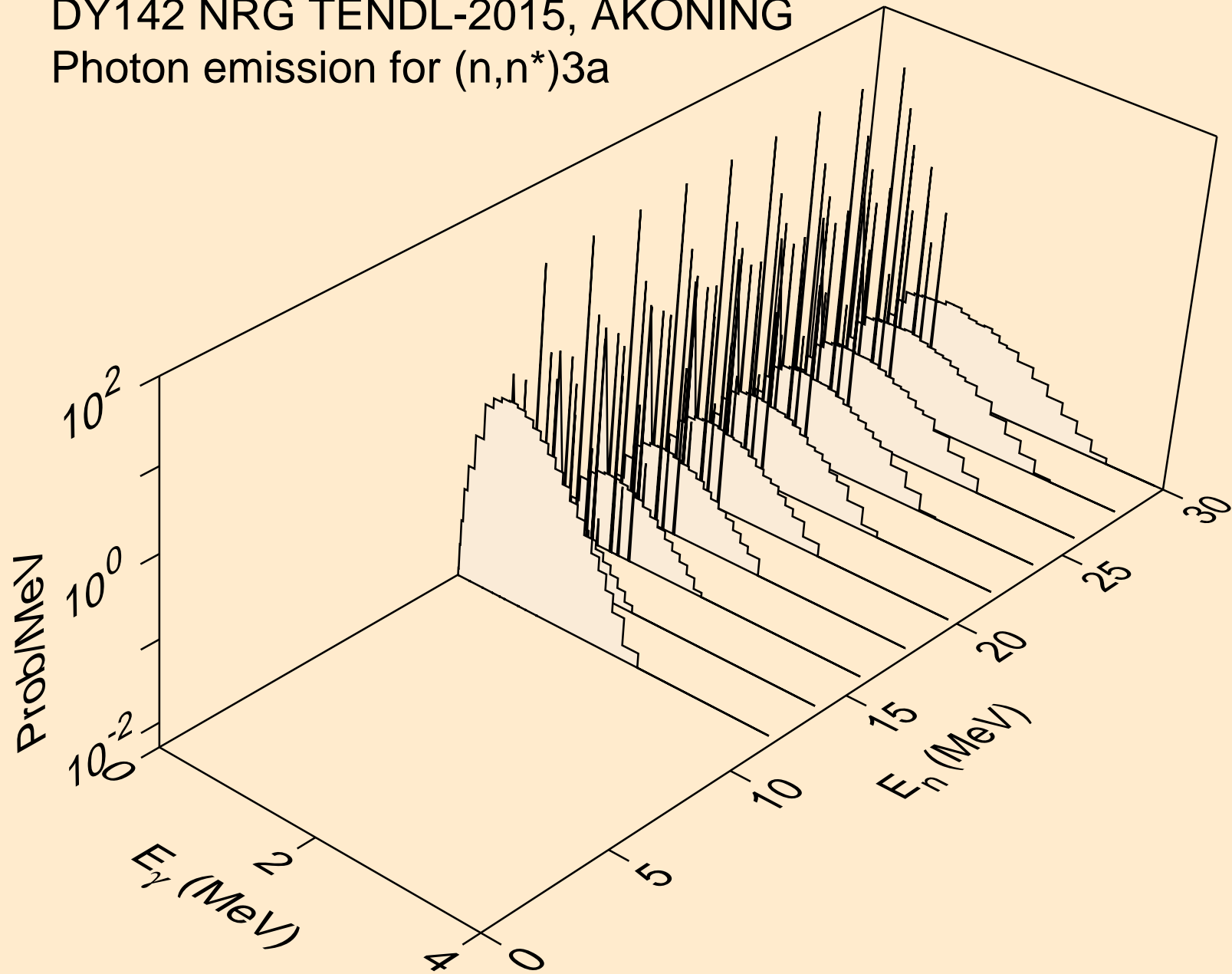
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



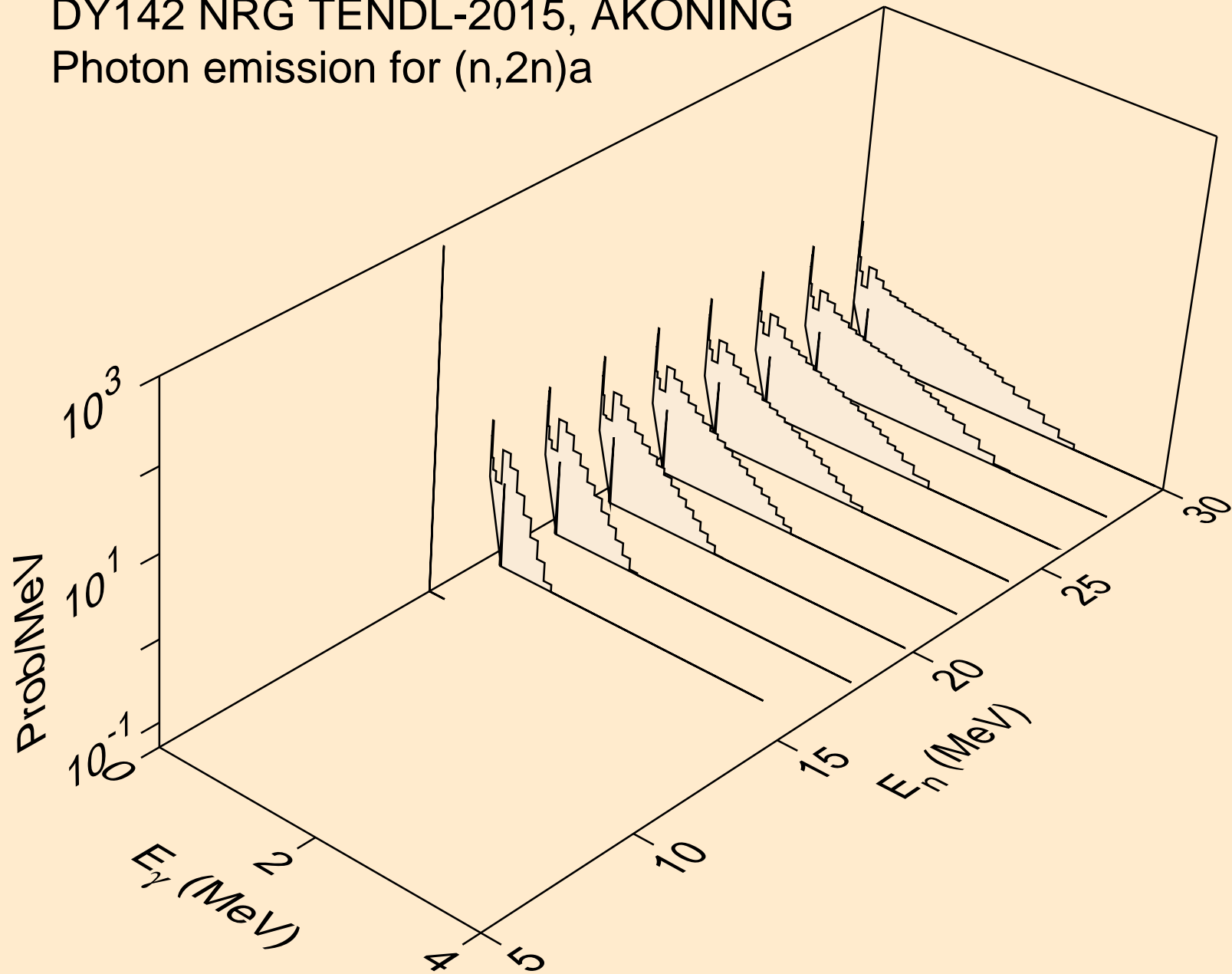
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



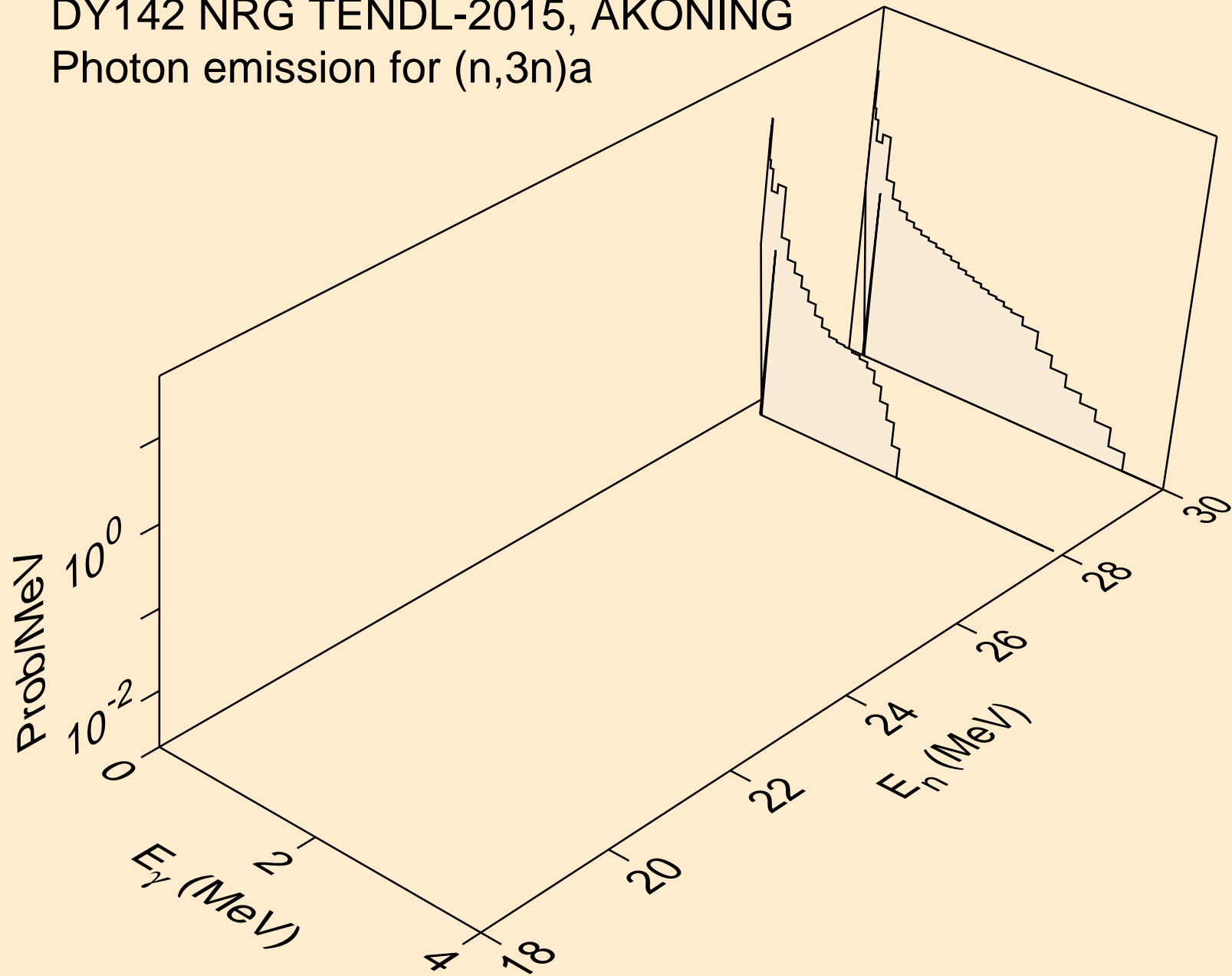
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



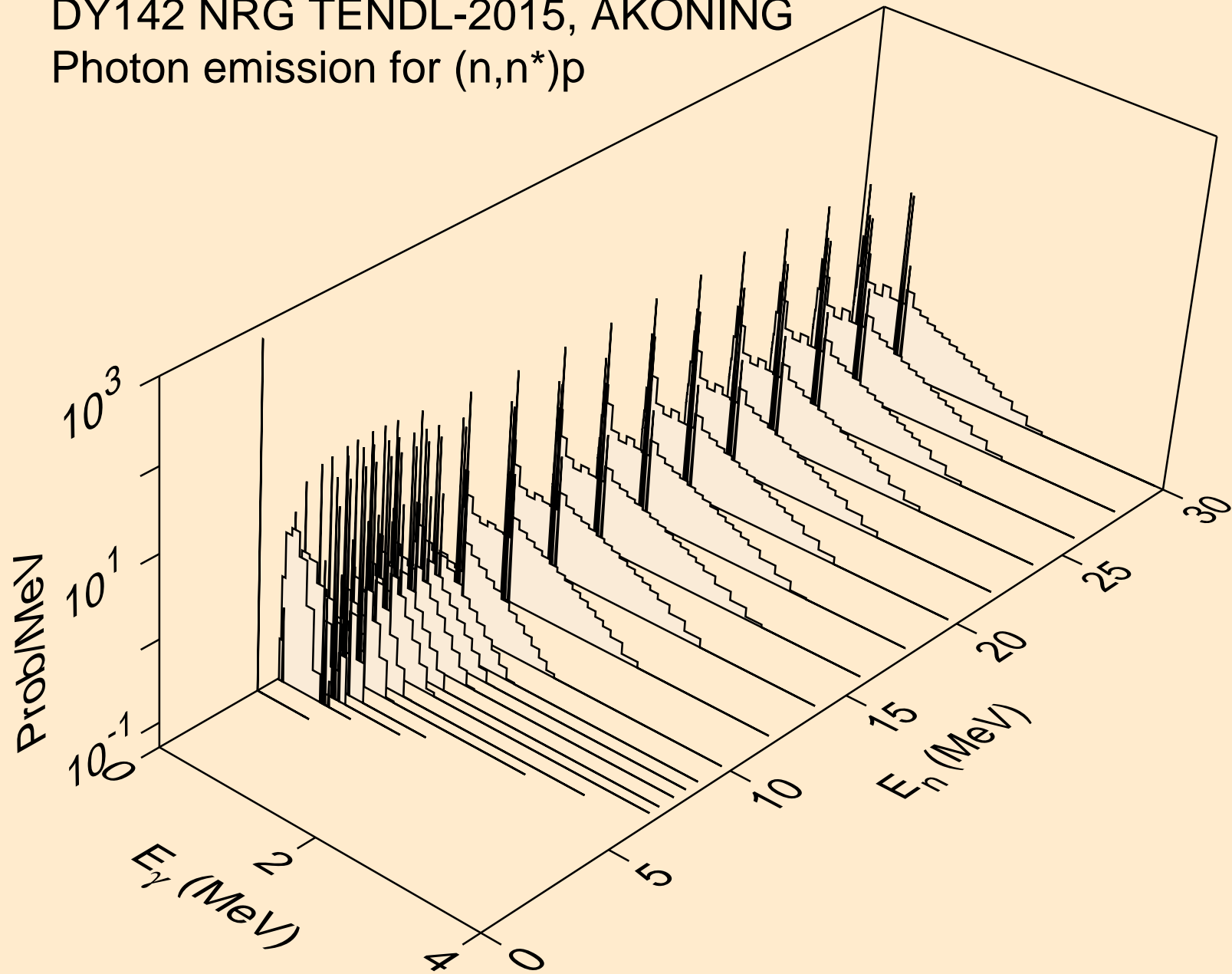
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



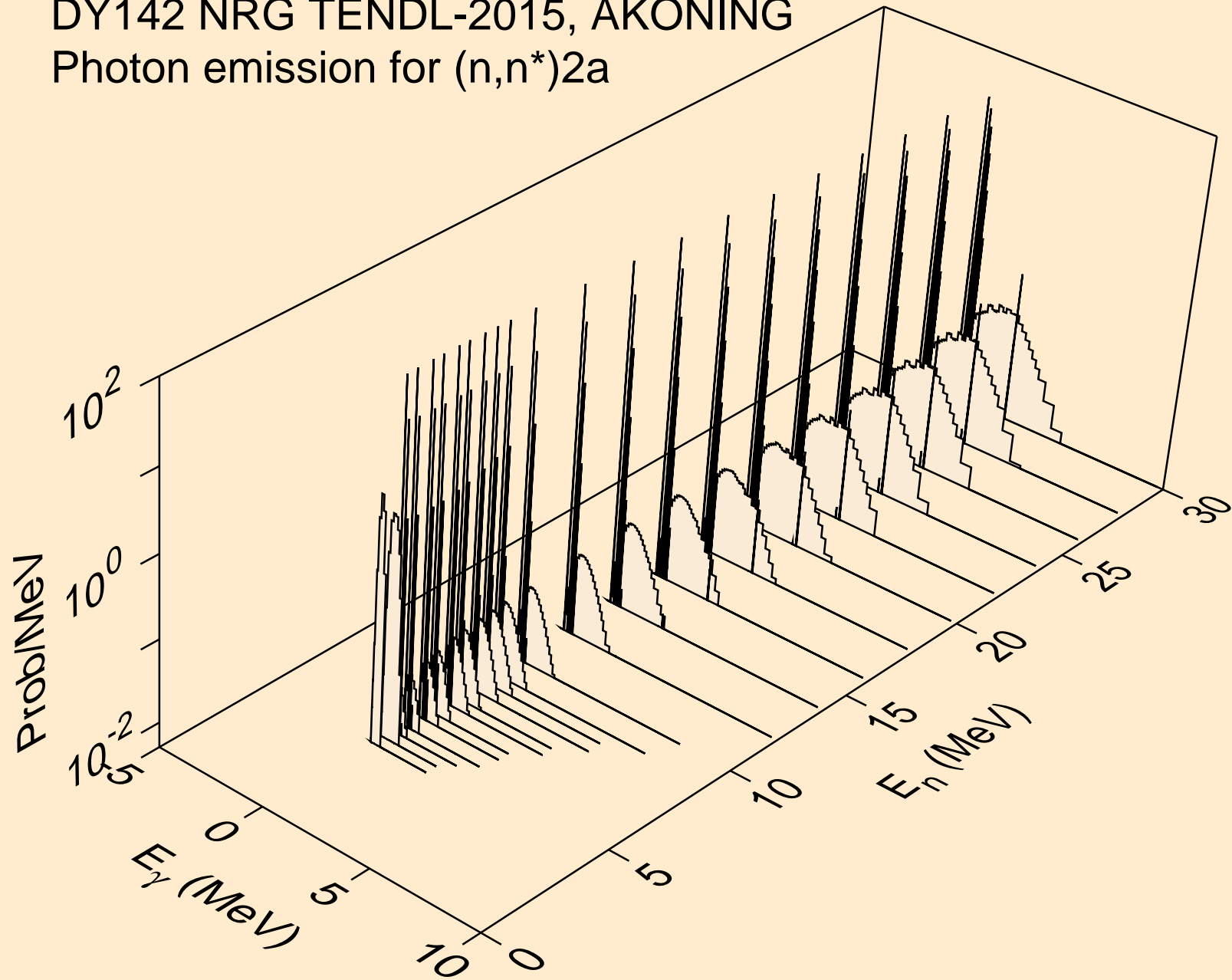
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



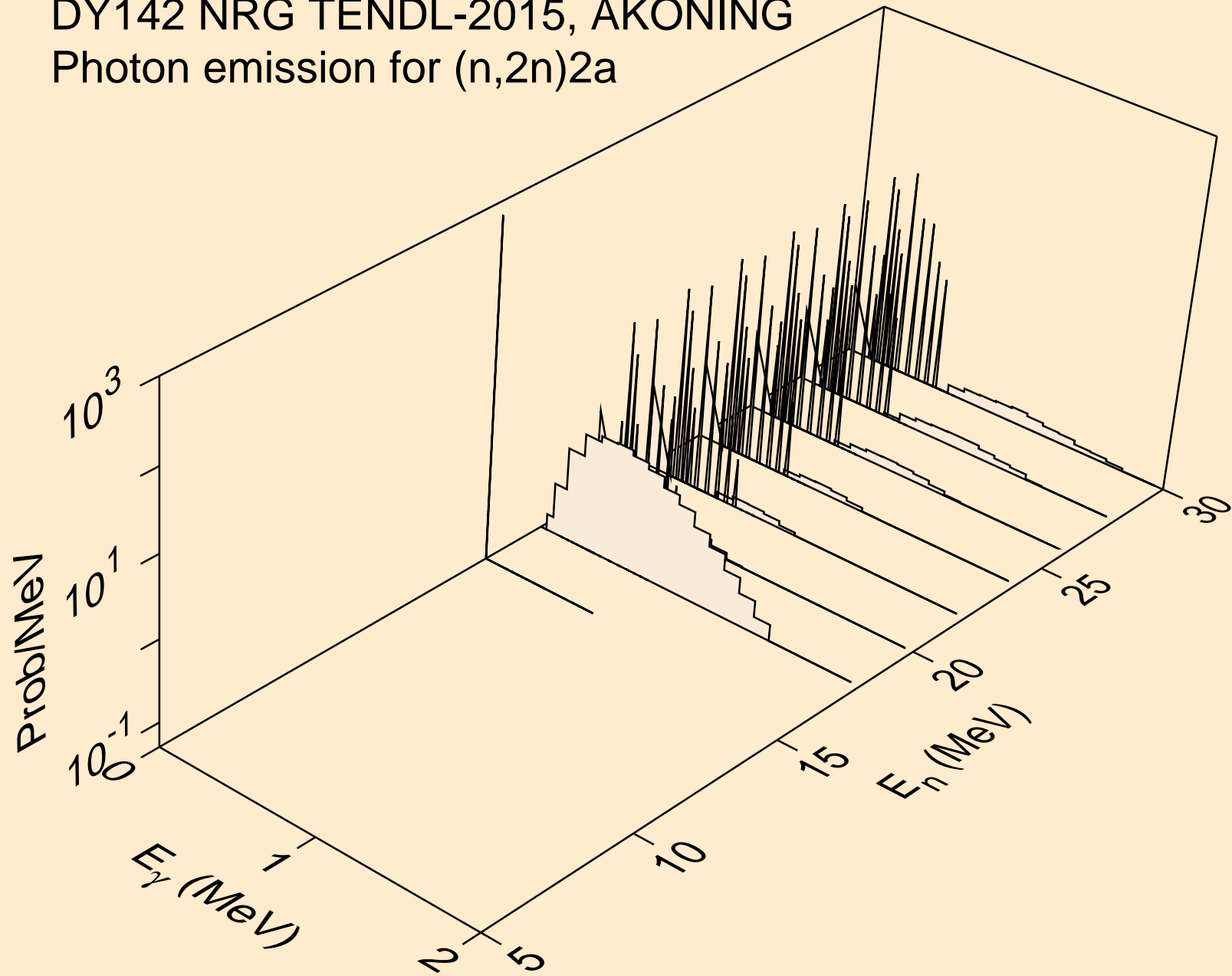
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

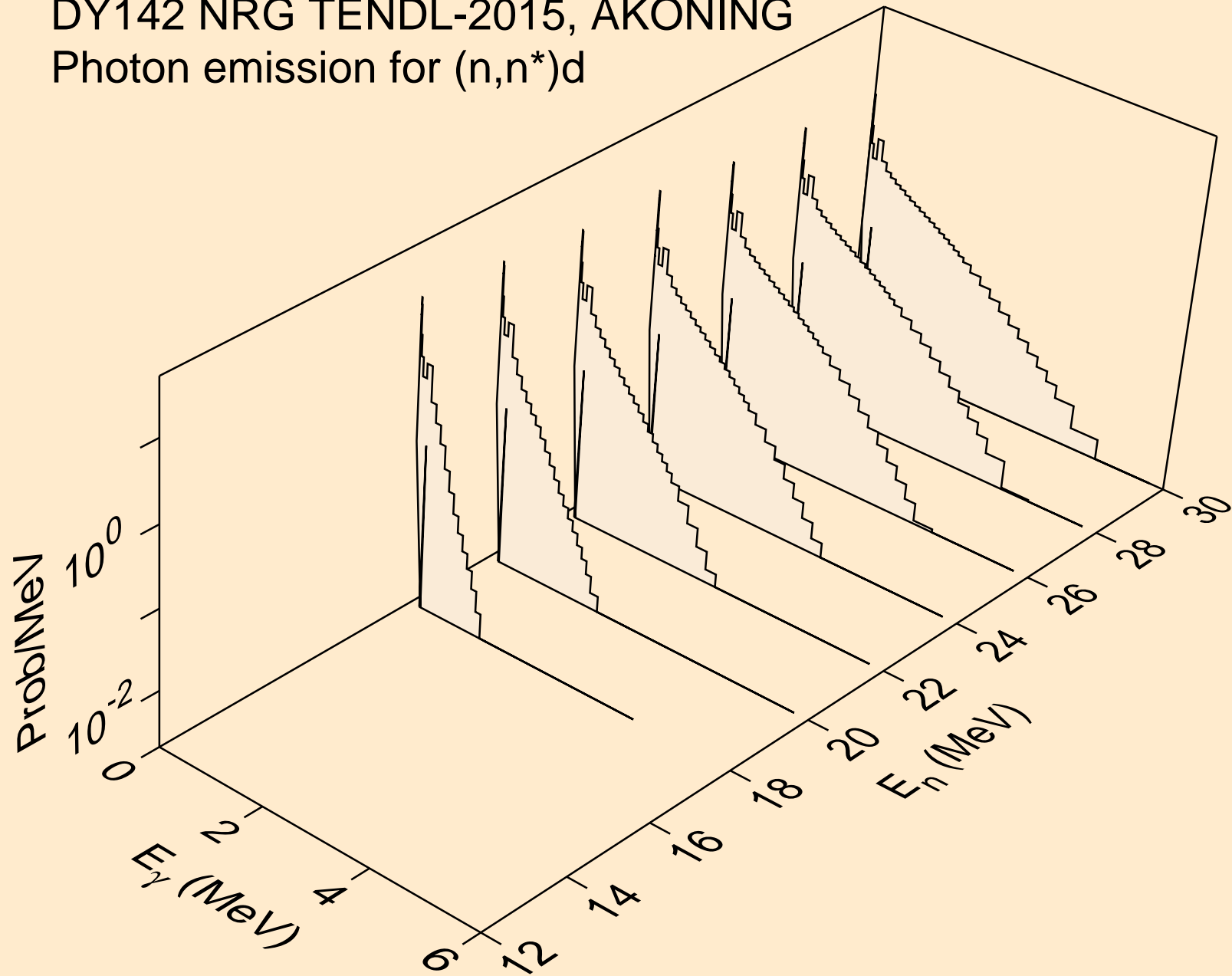


DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

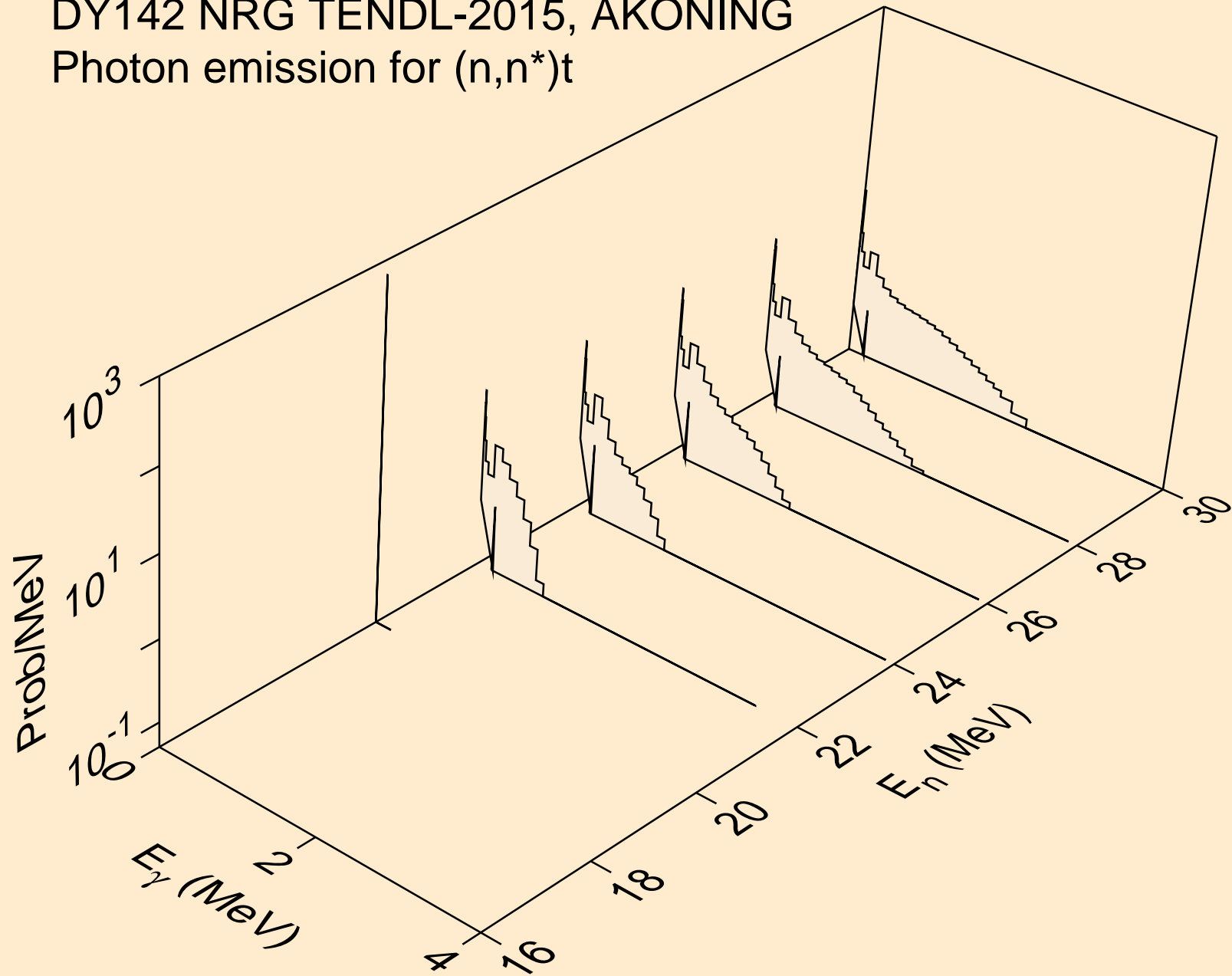




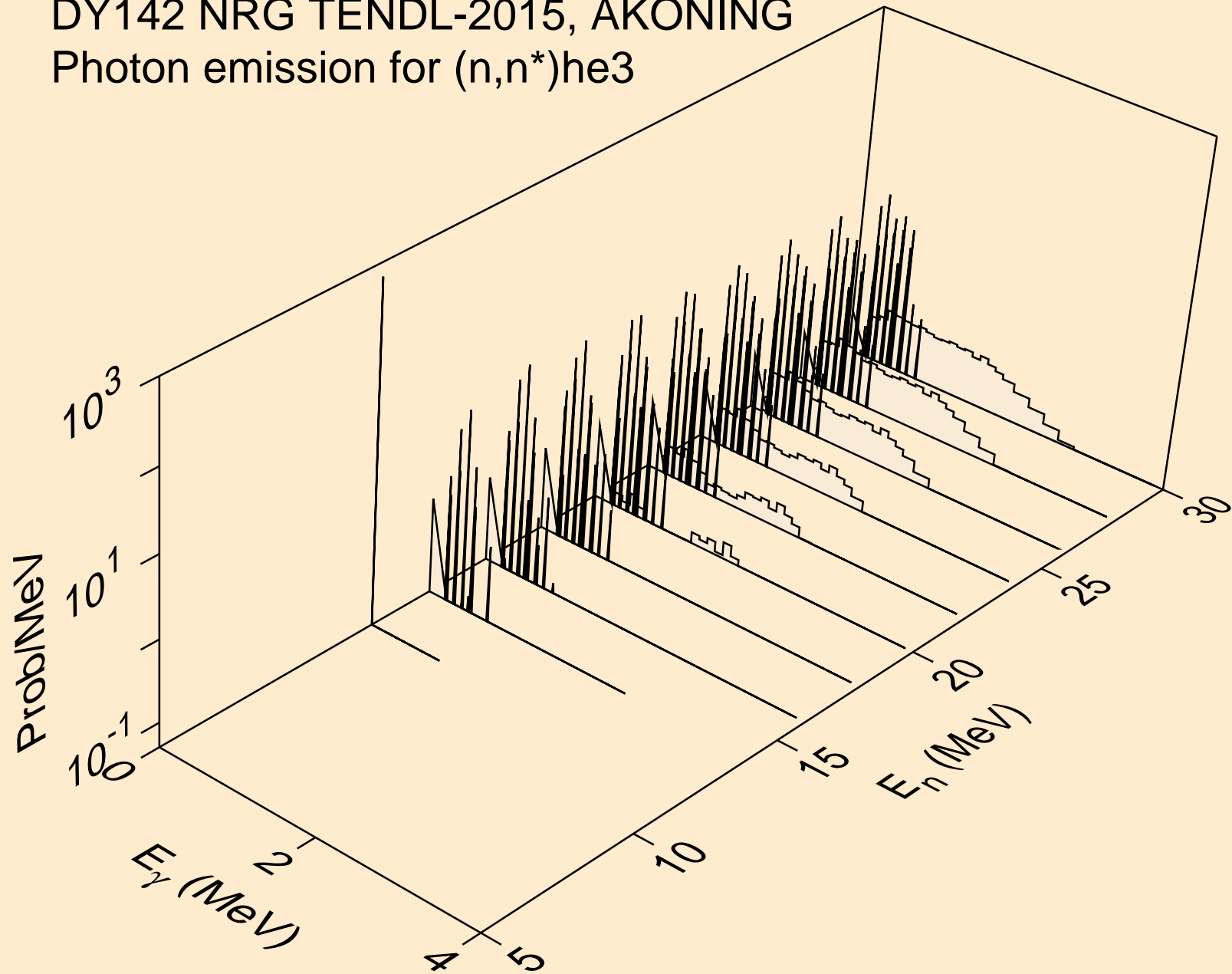
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



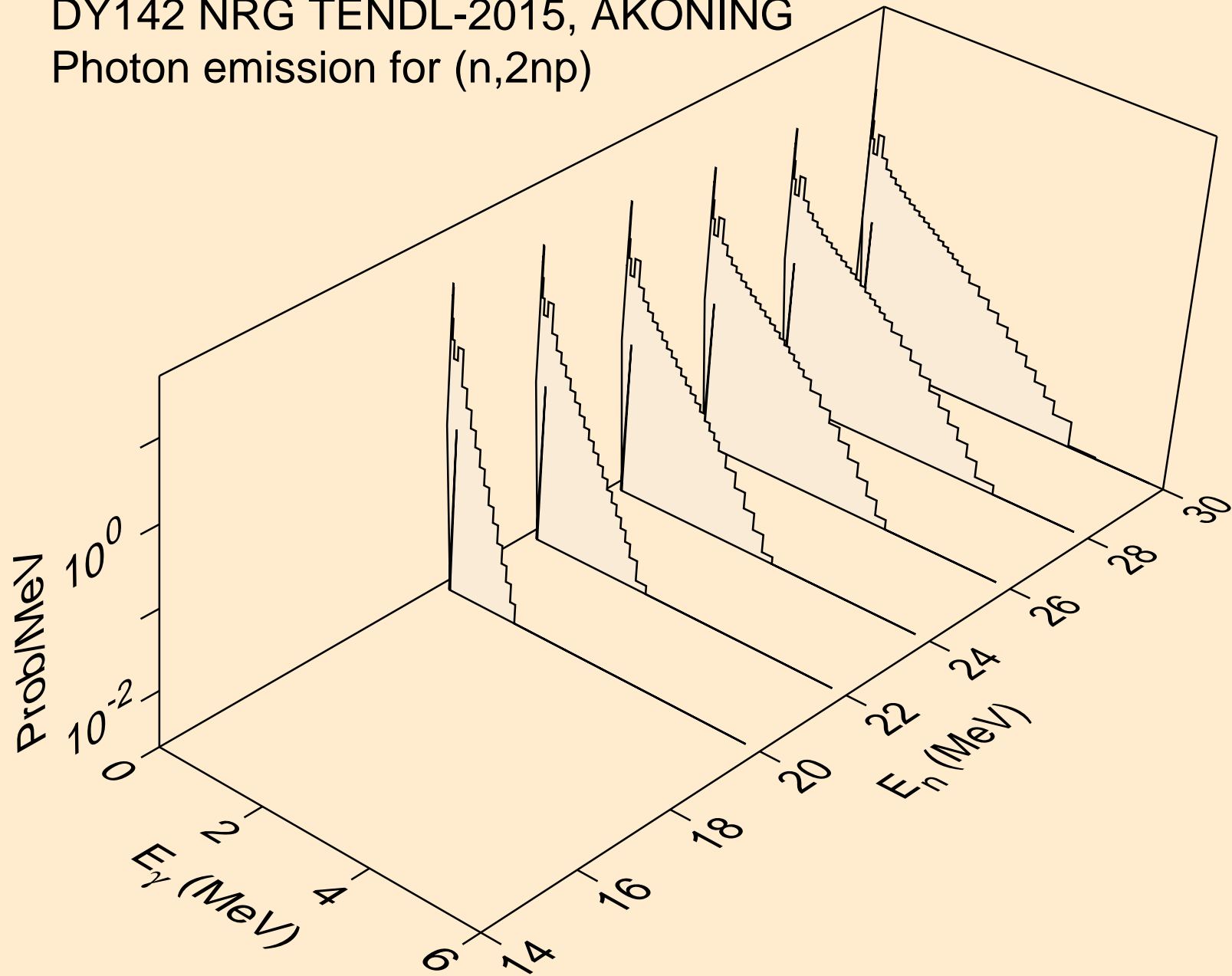
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



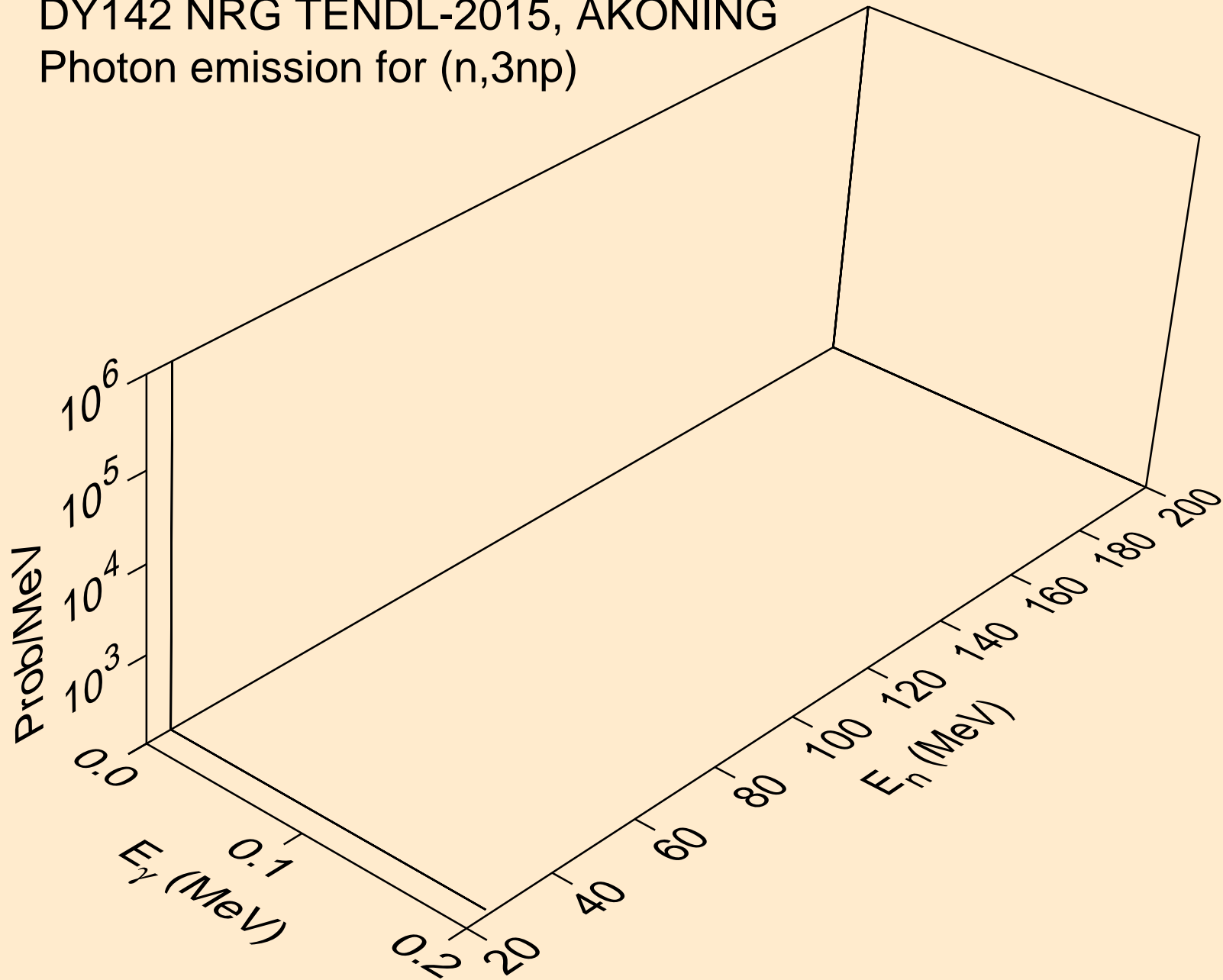
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



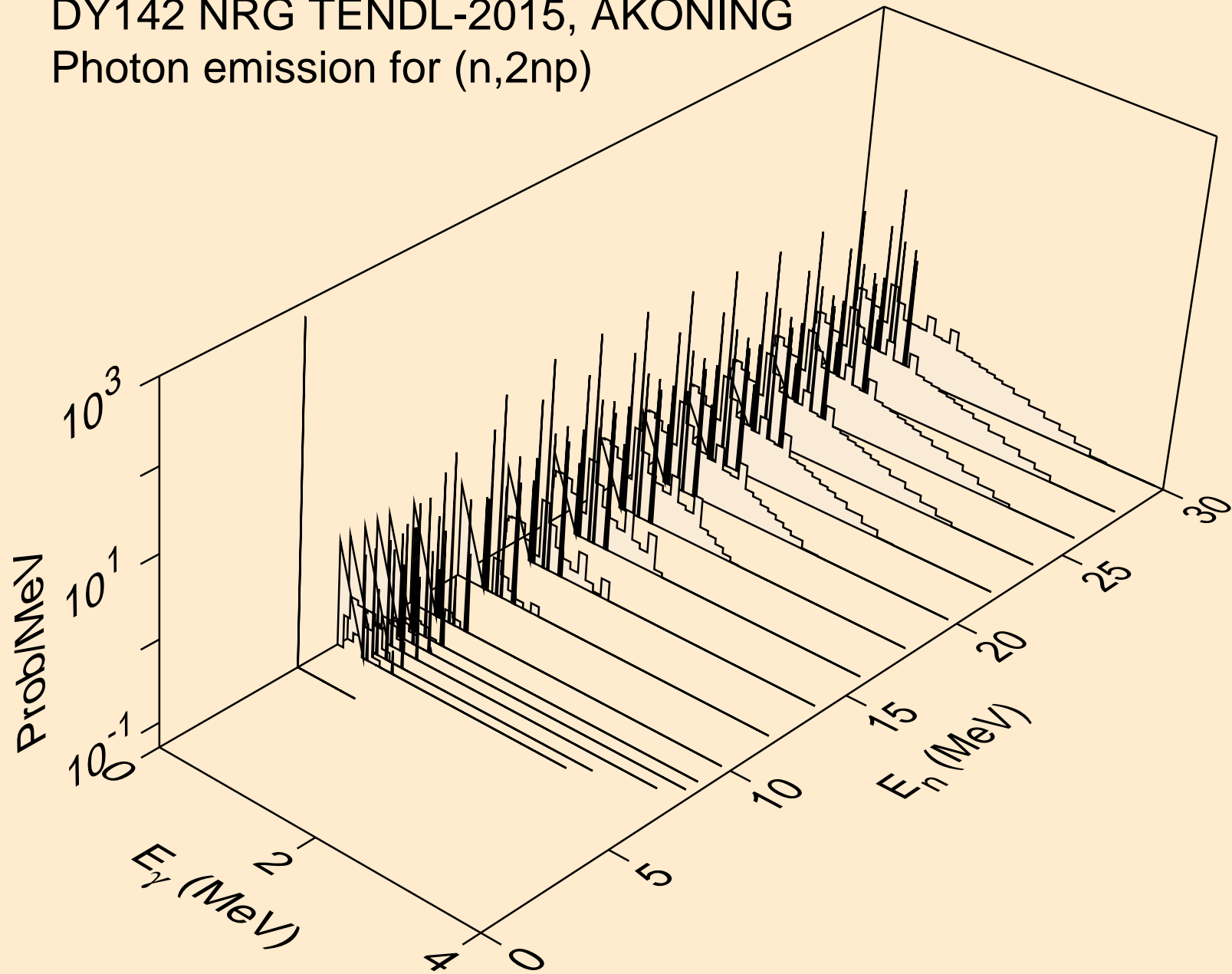
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



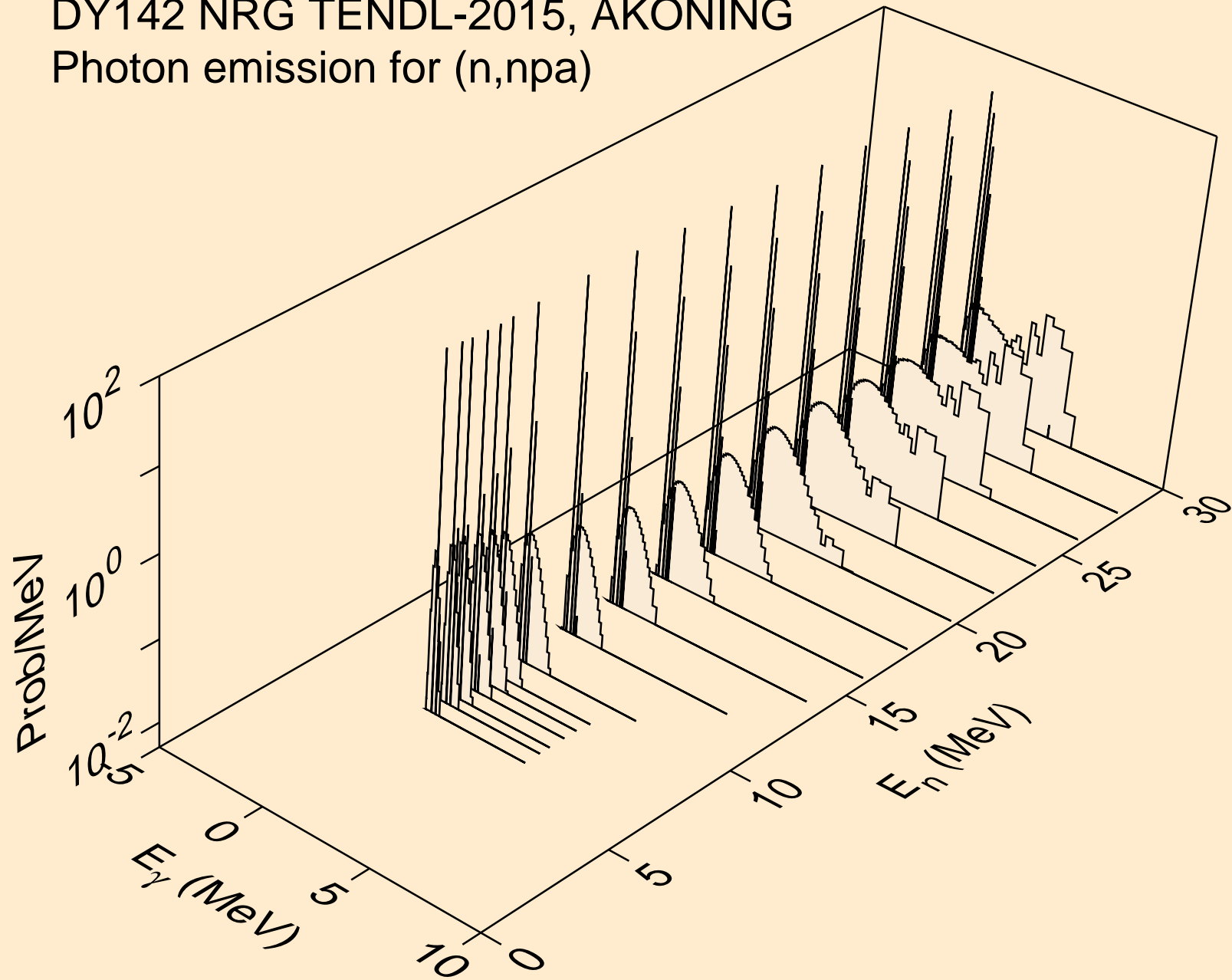
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



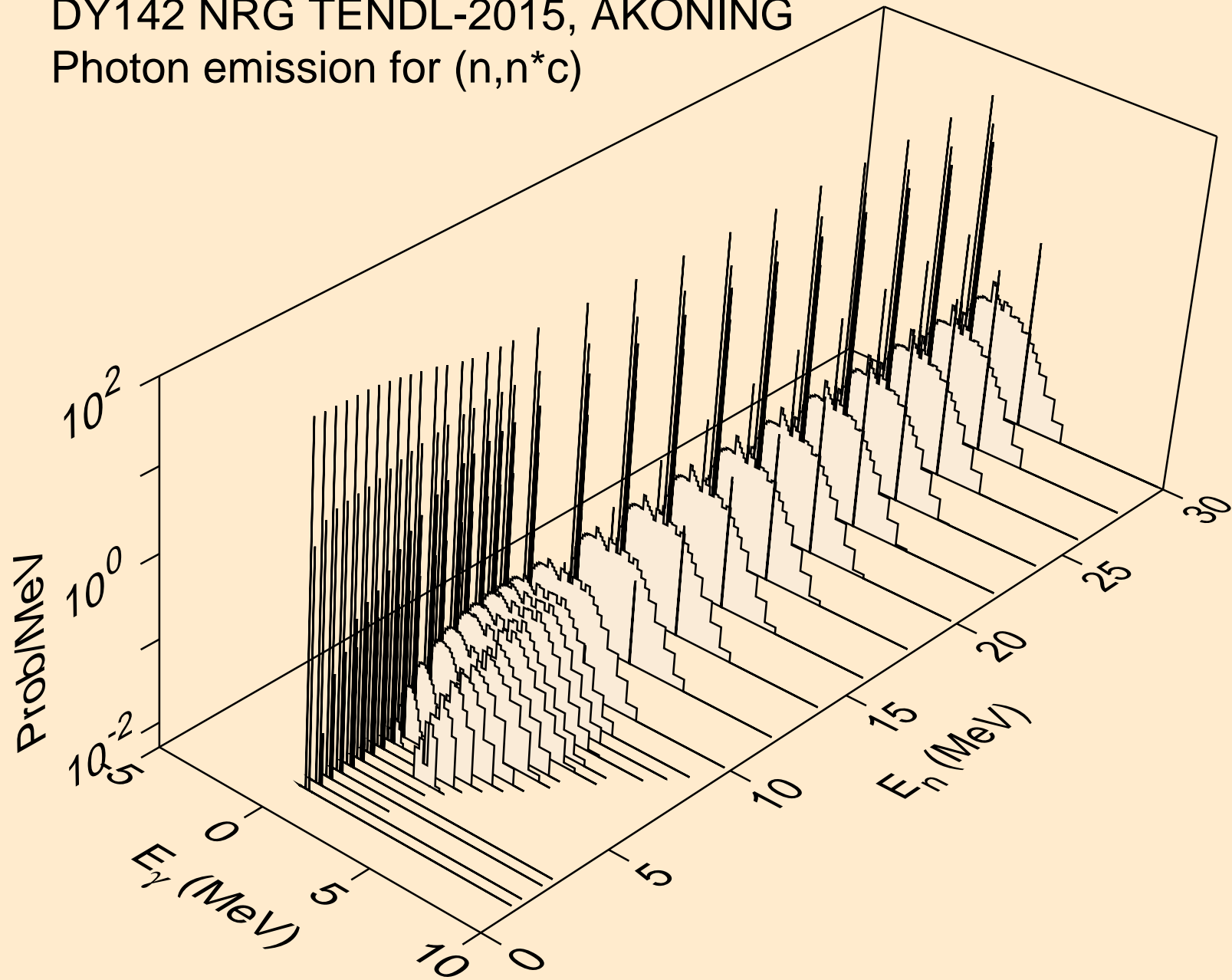
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

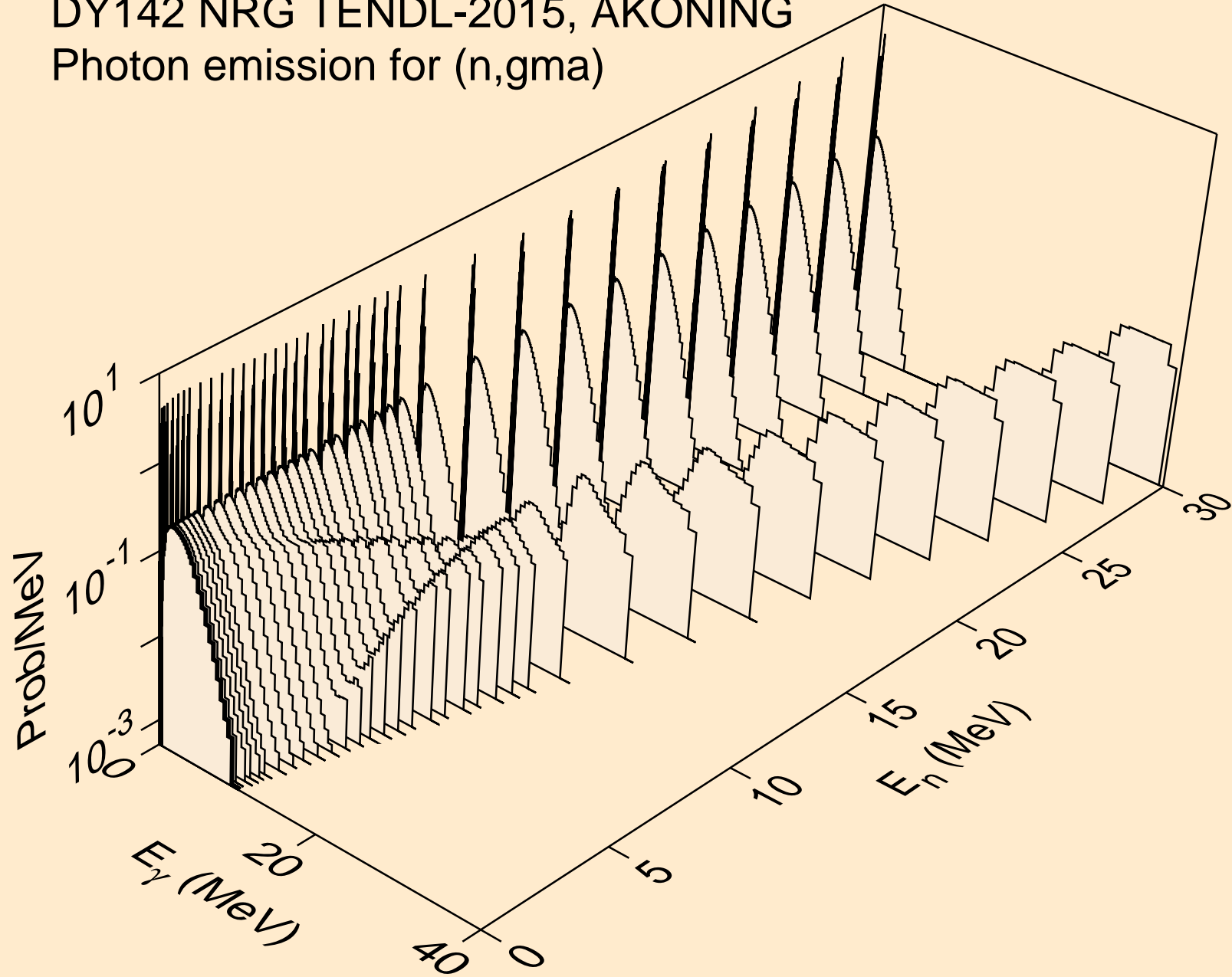


DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

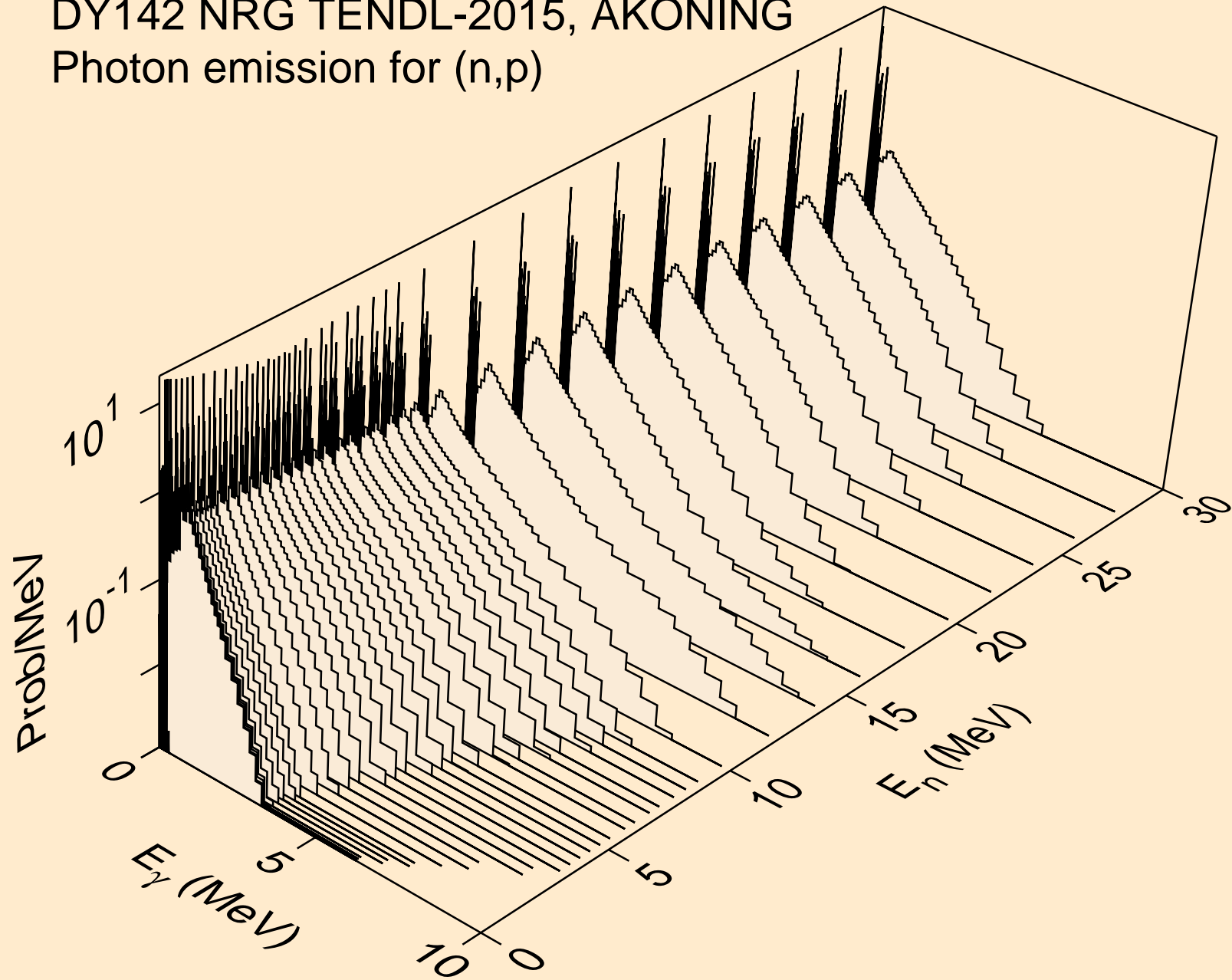




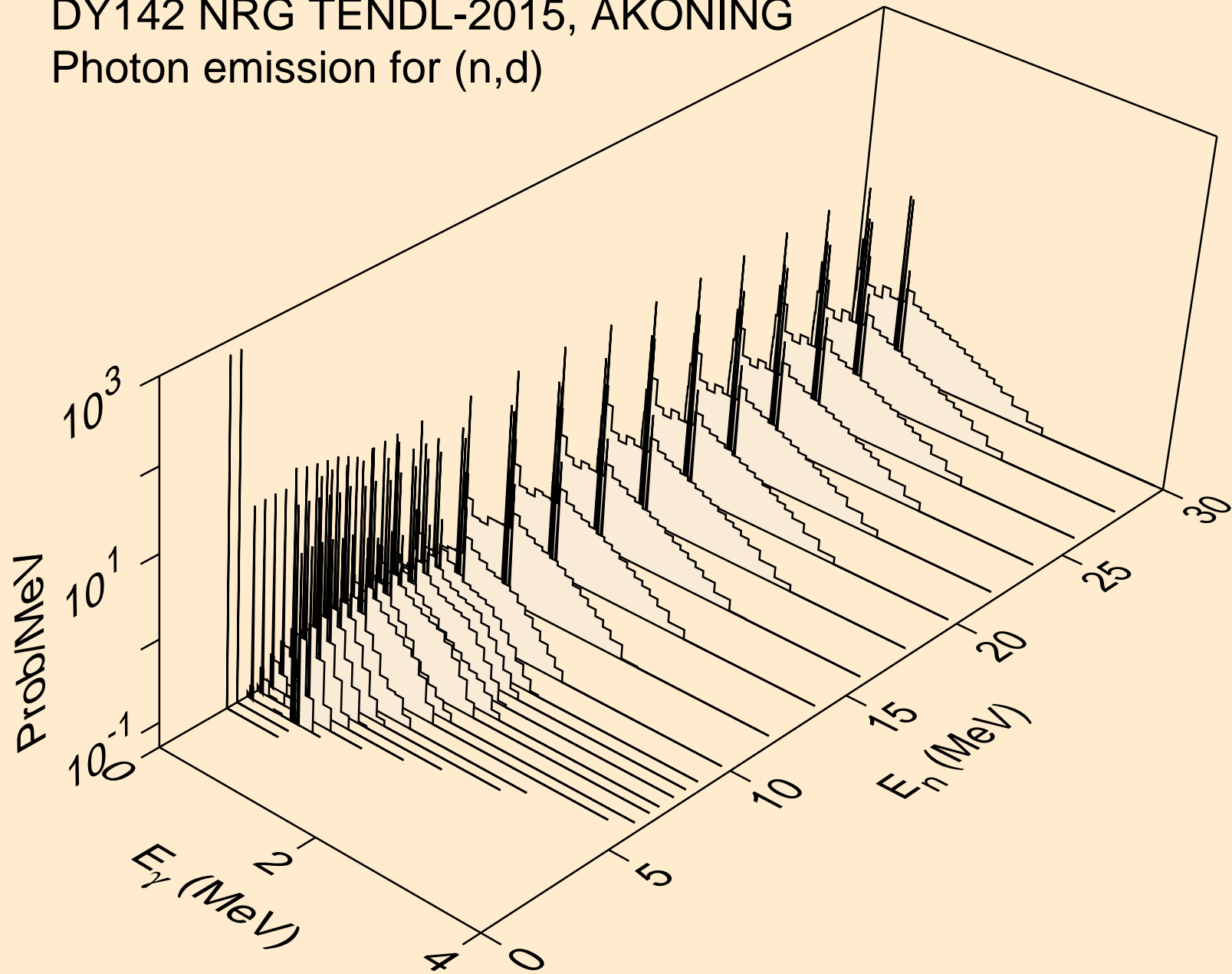
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



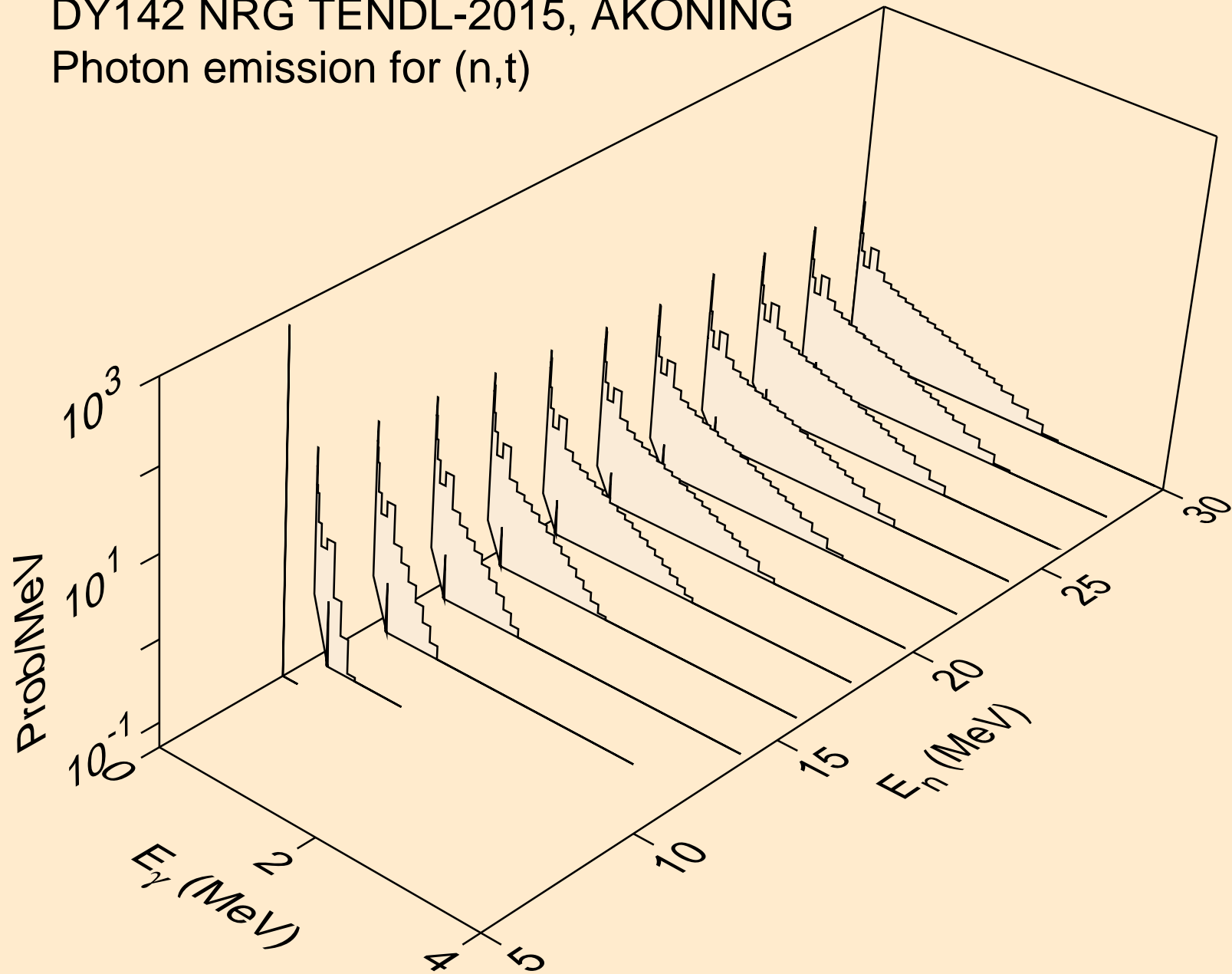
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



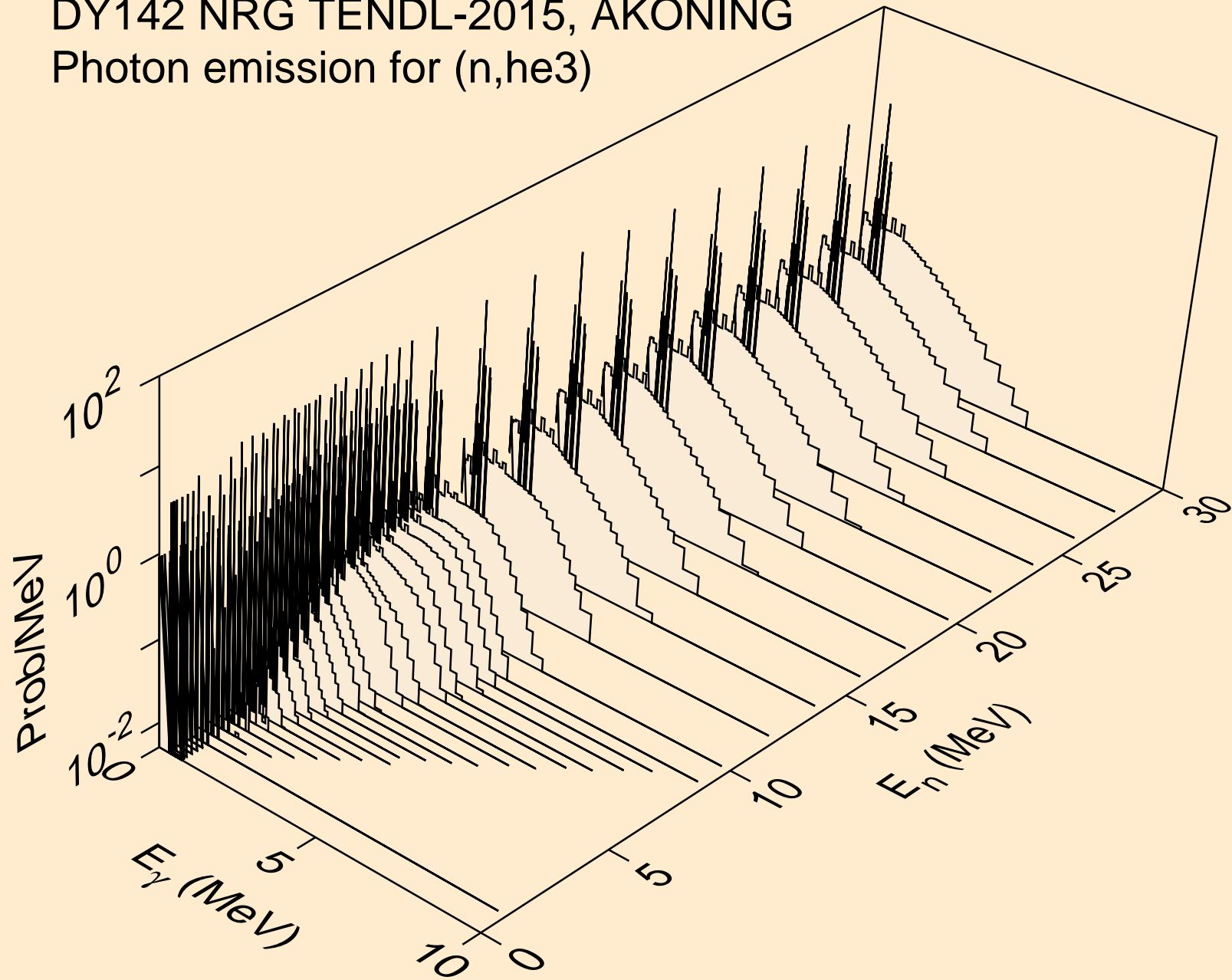
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



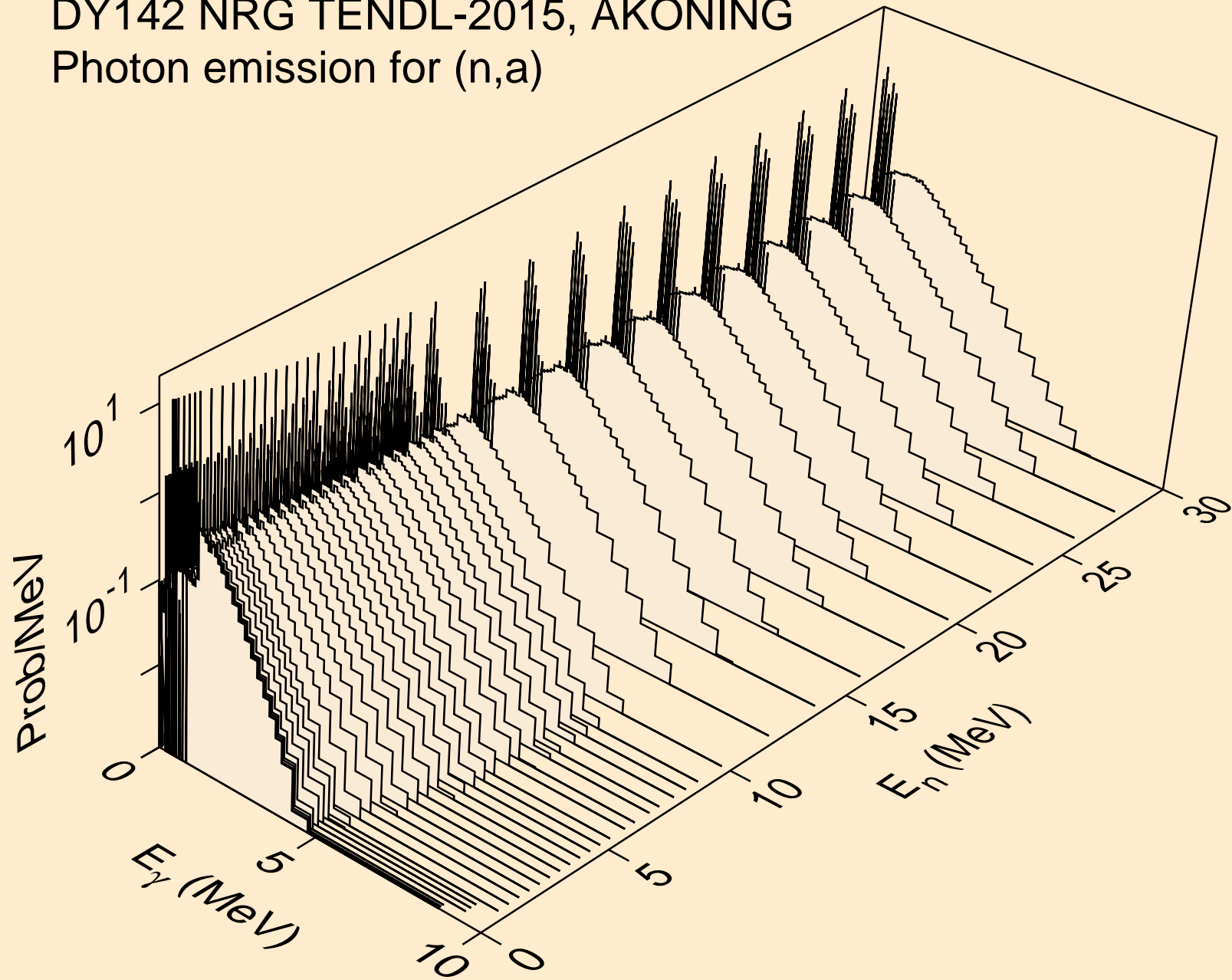
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



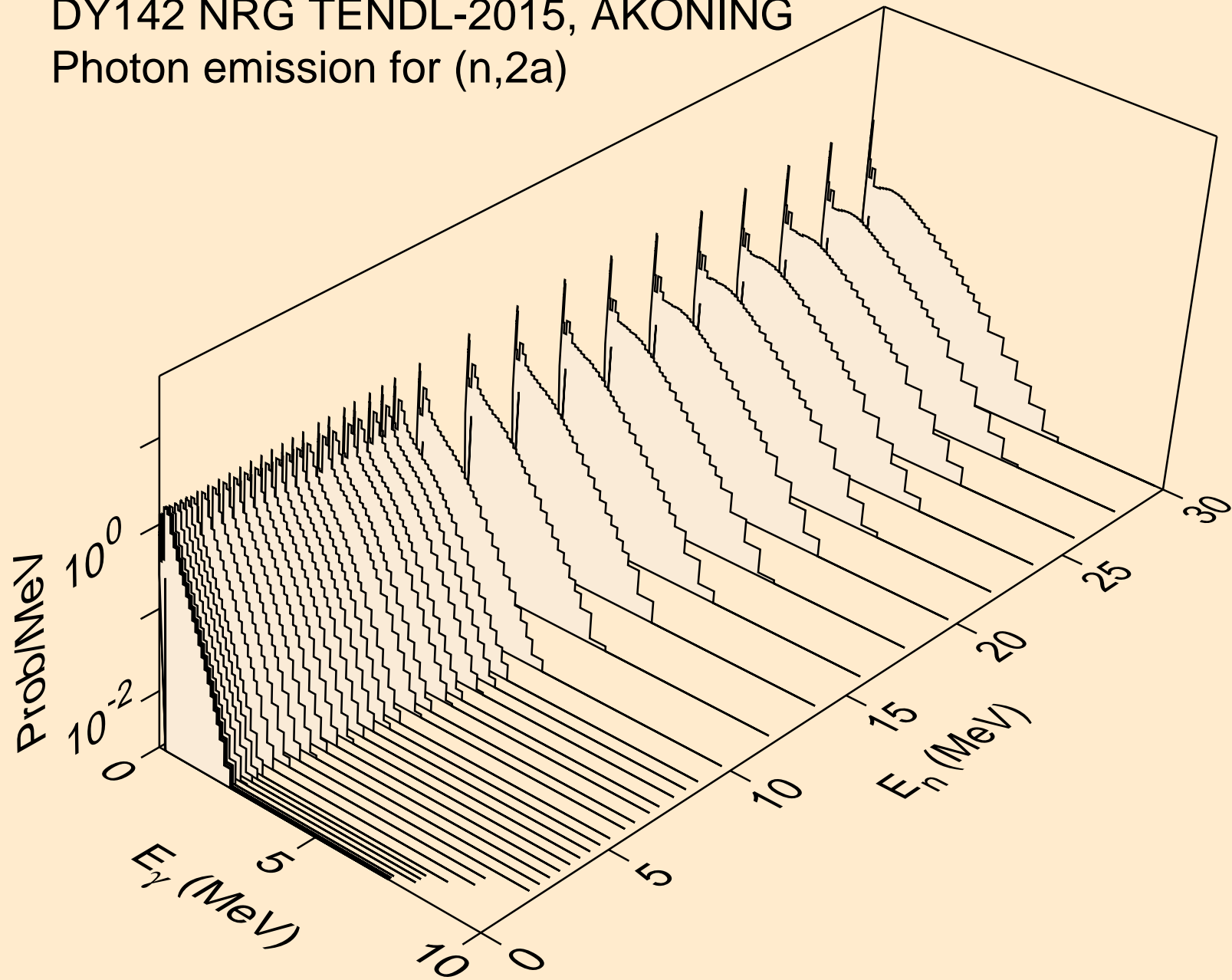
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



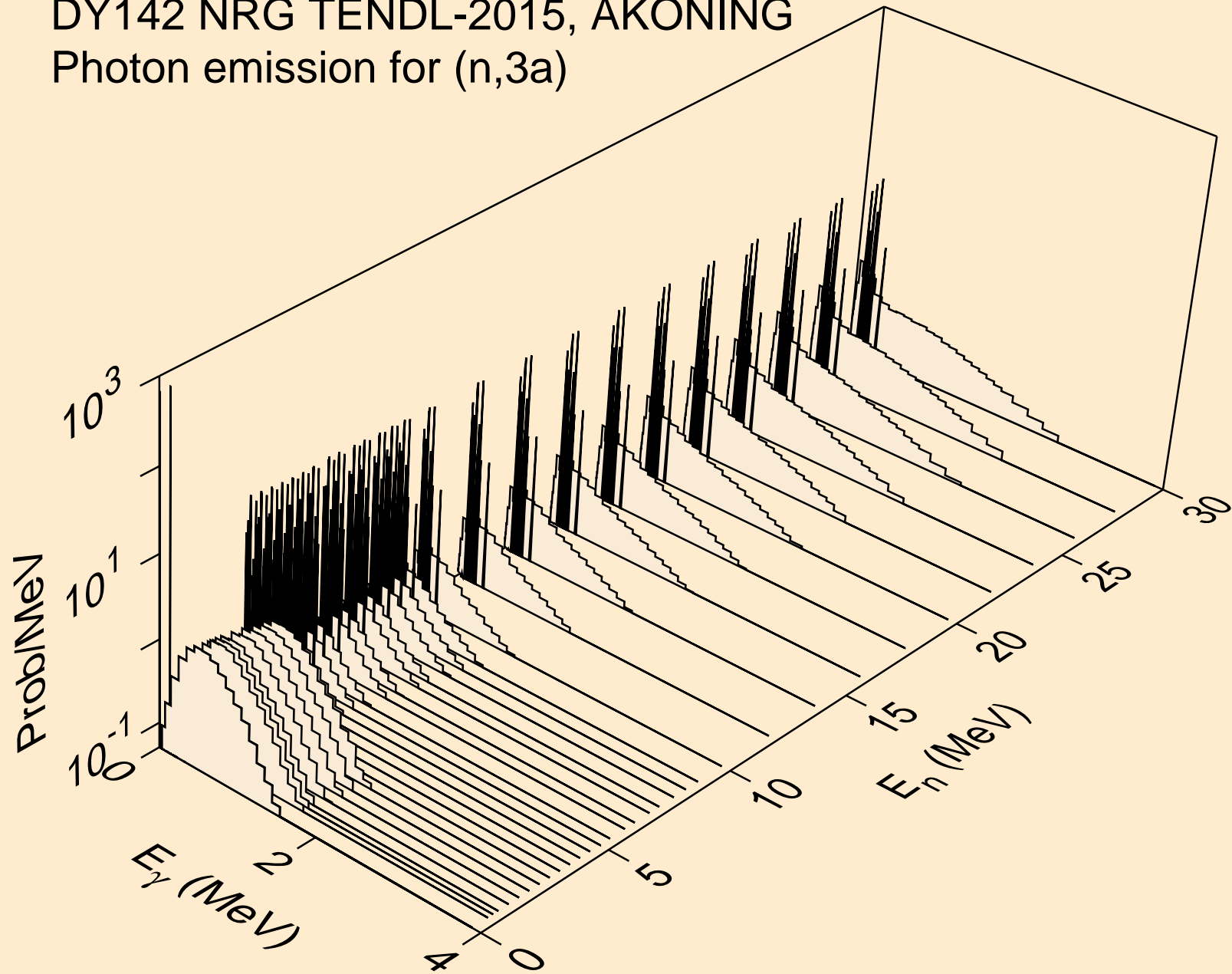
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

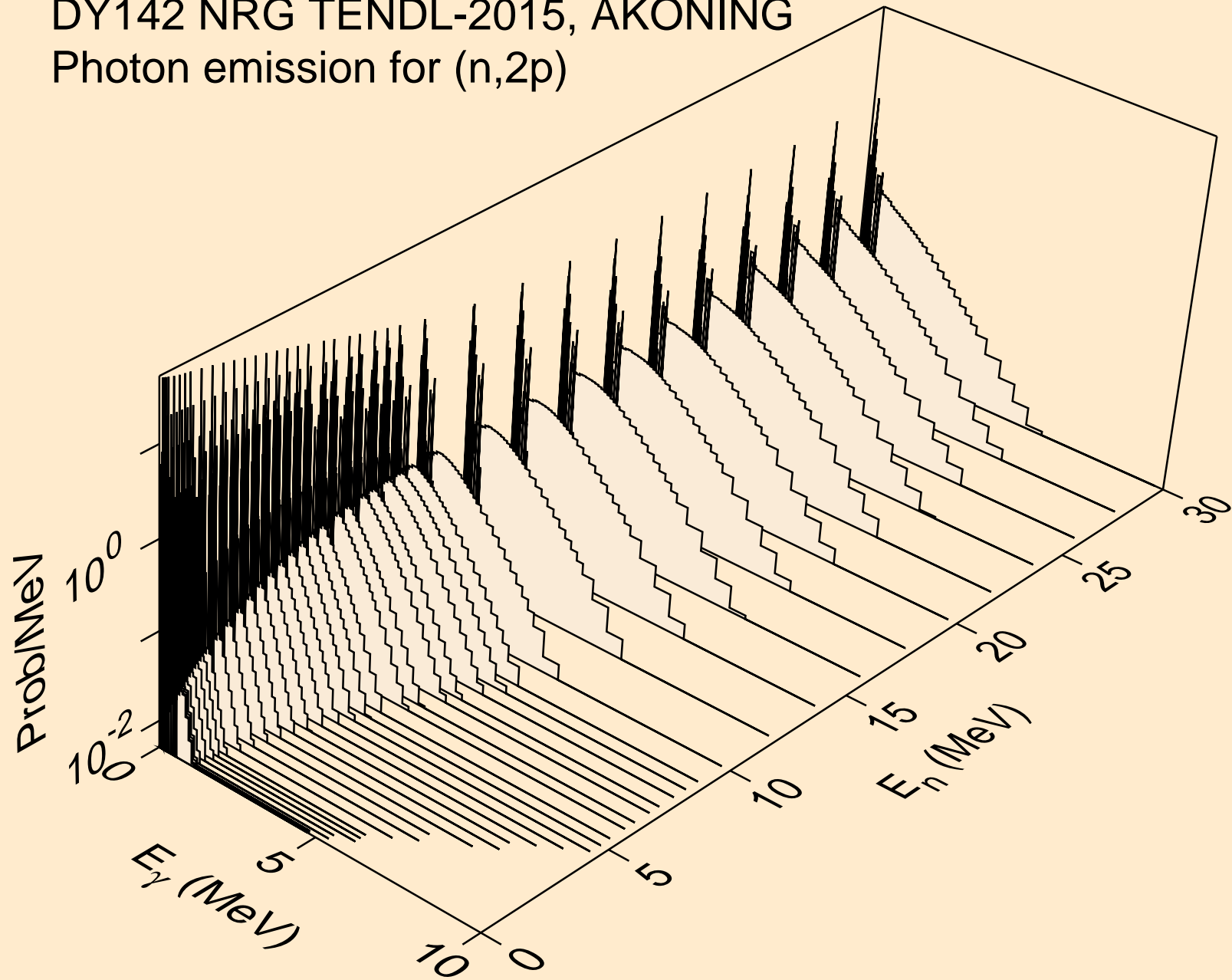


DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

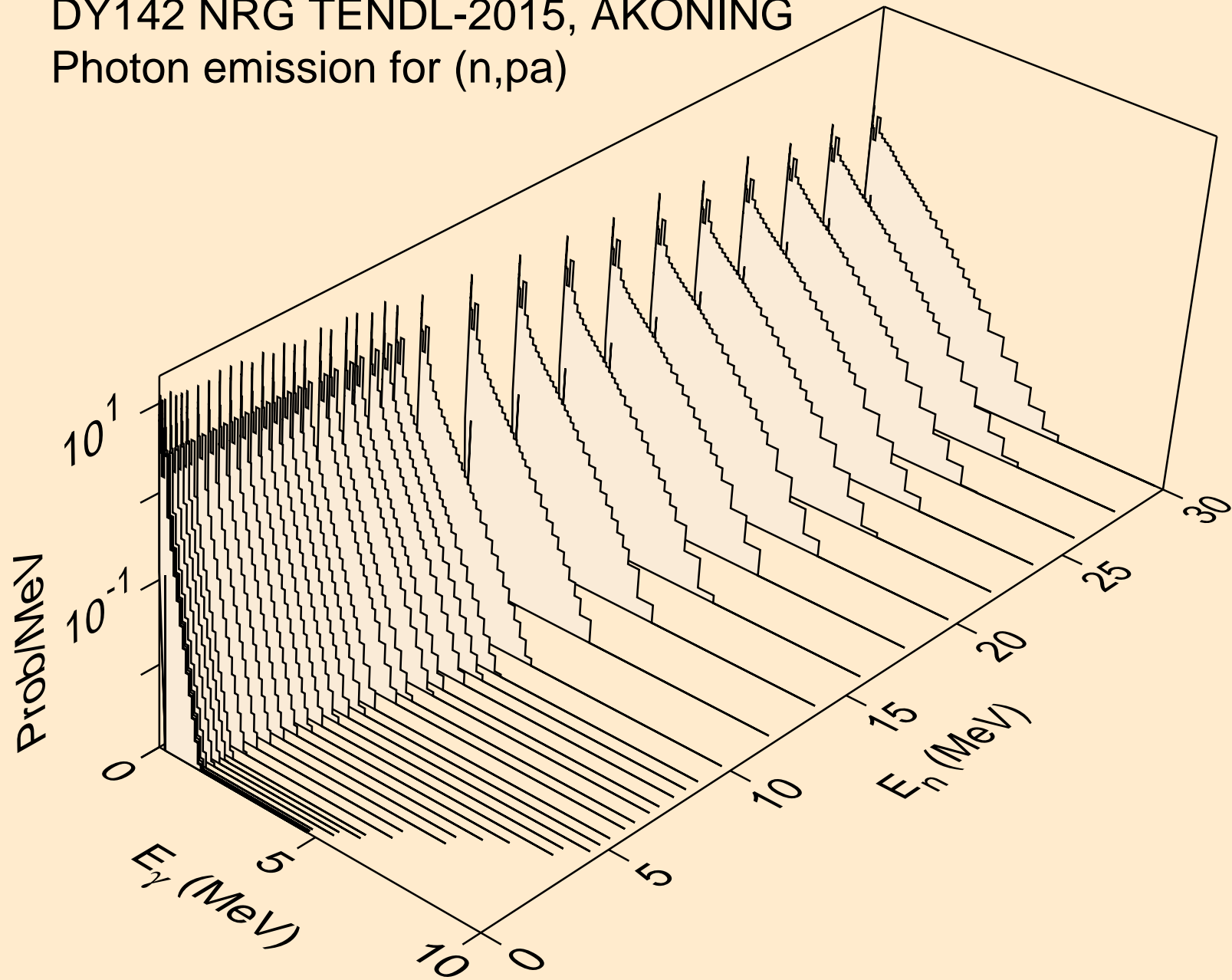




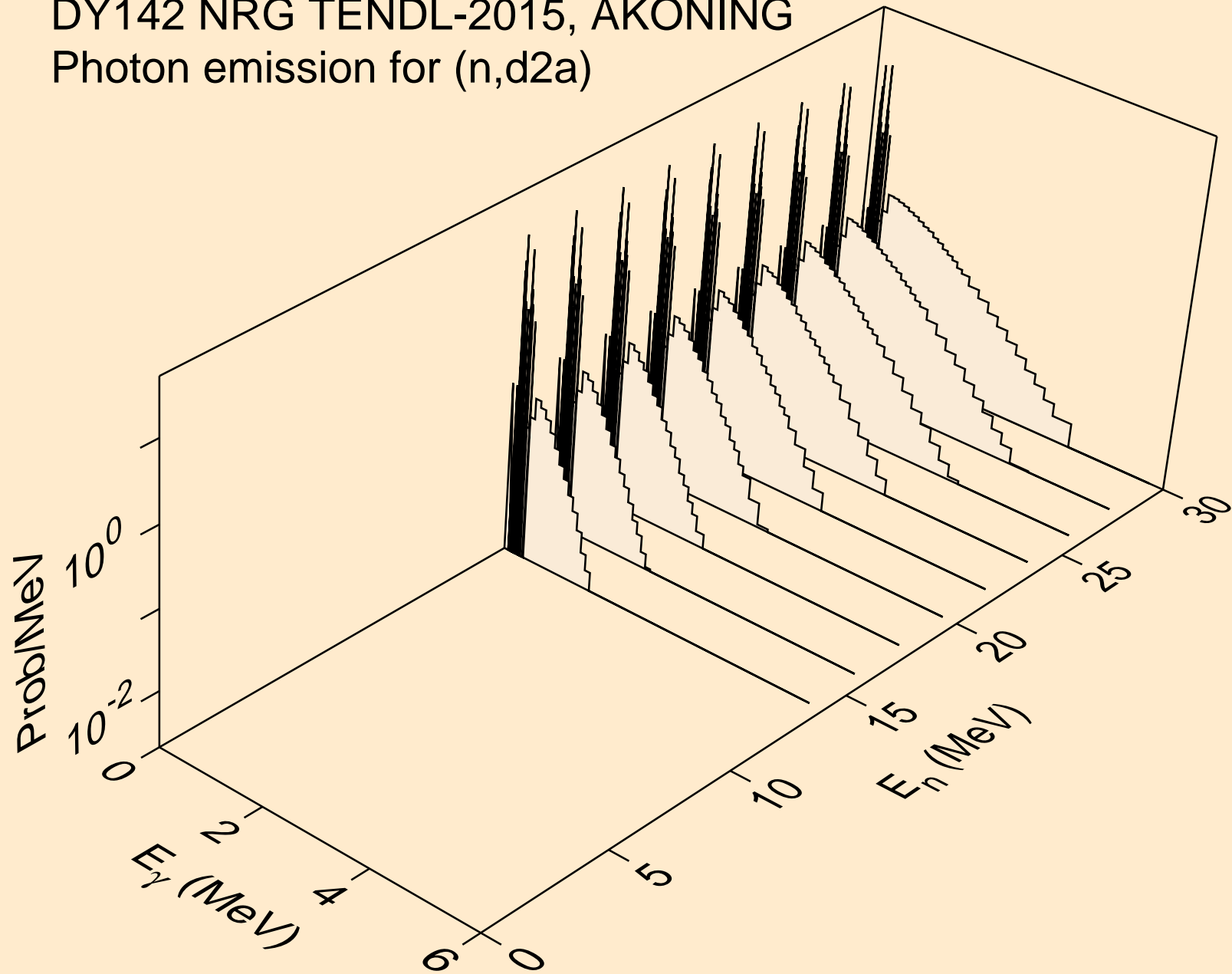
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



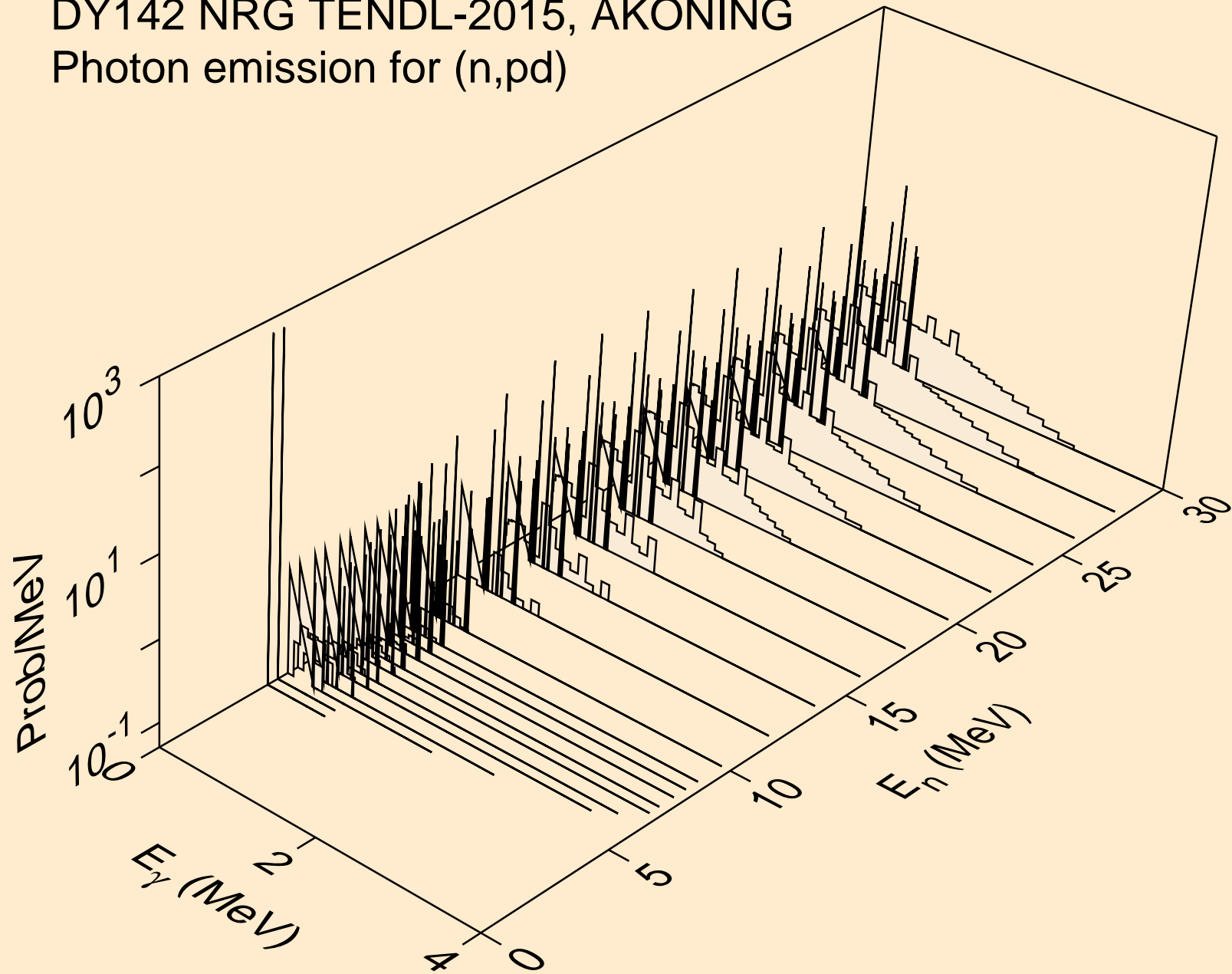
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



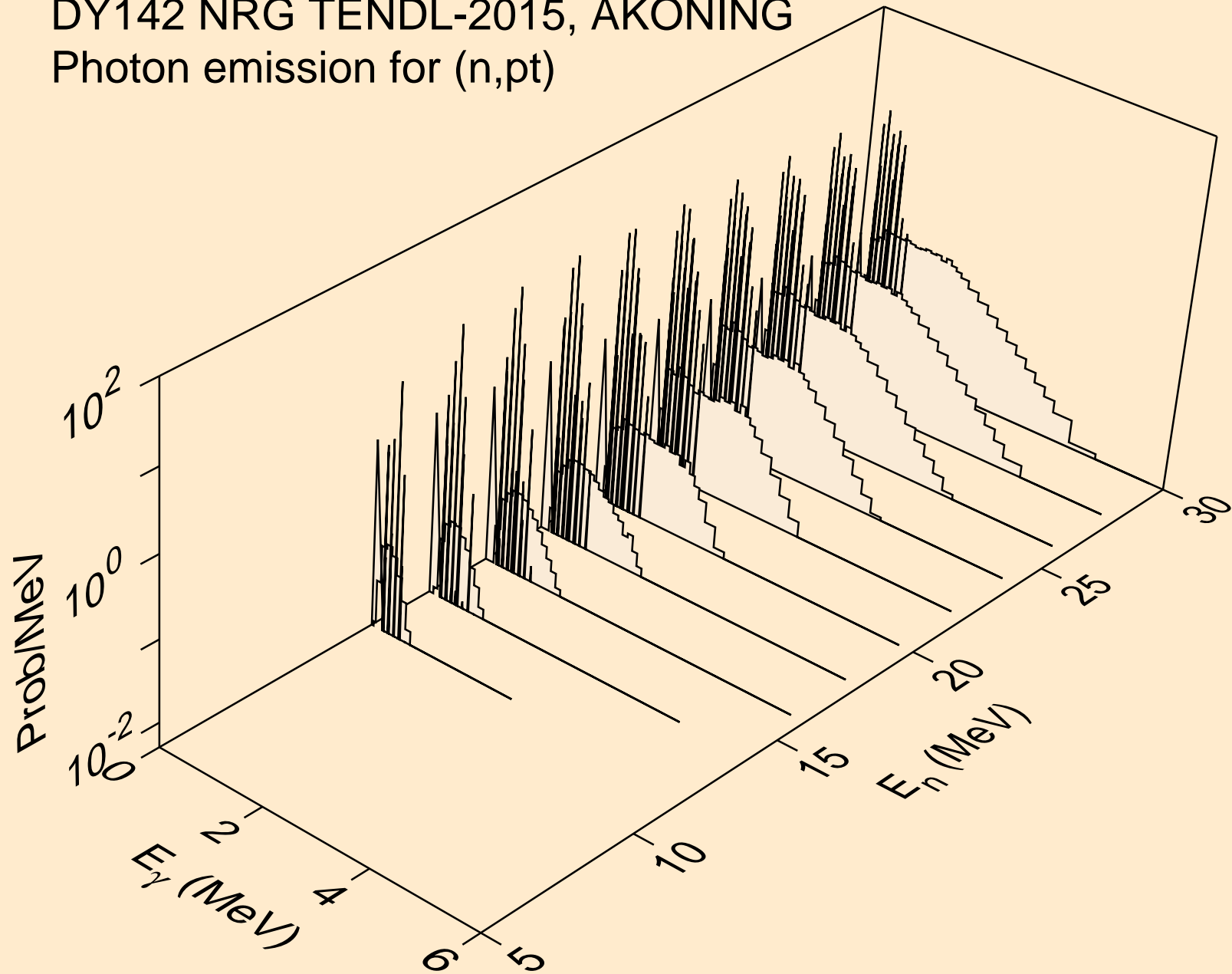
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



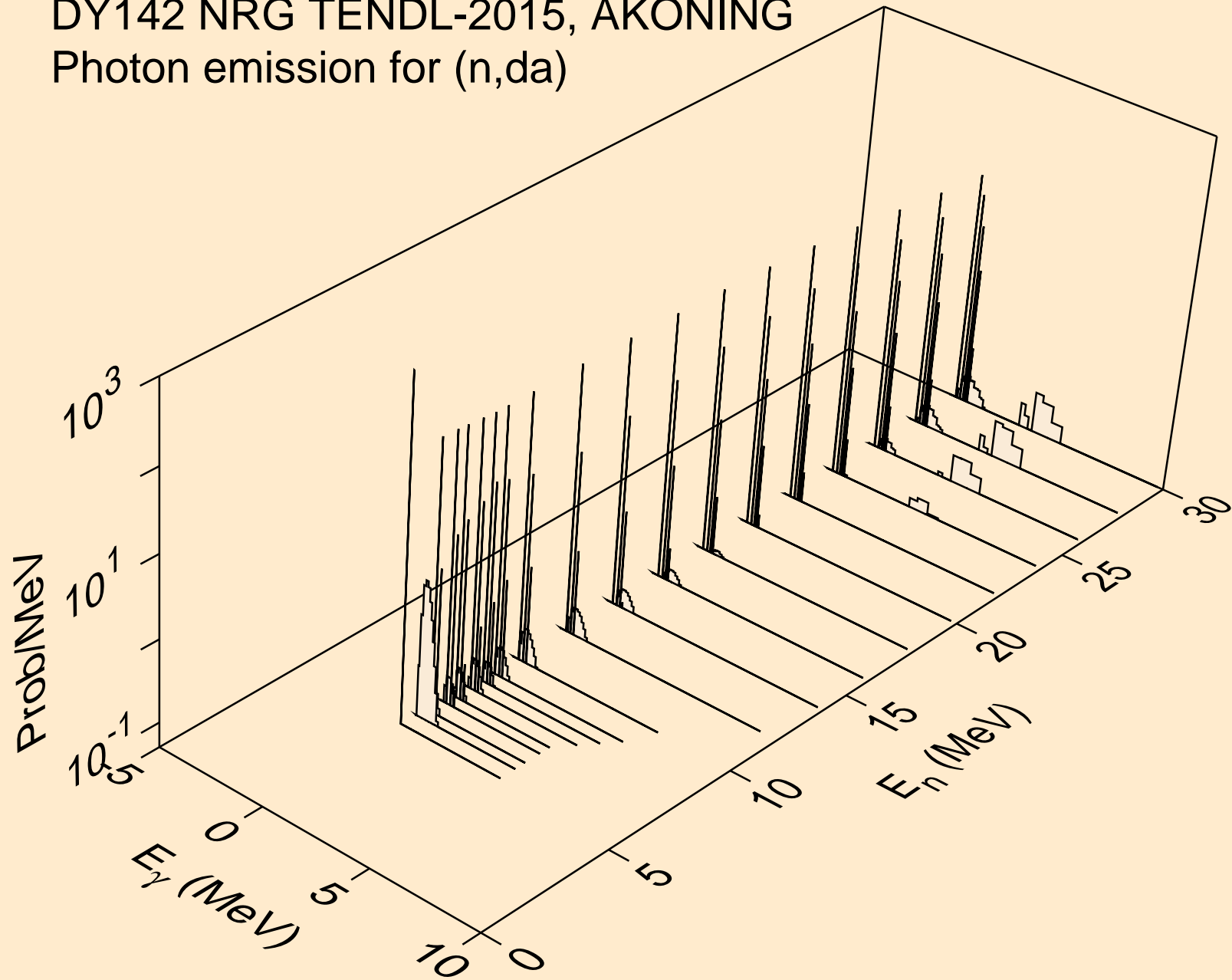
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



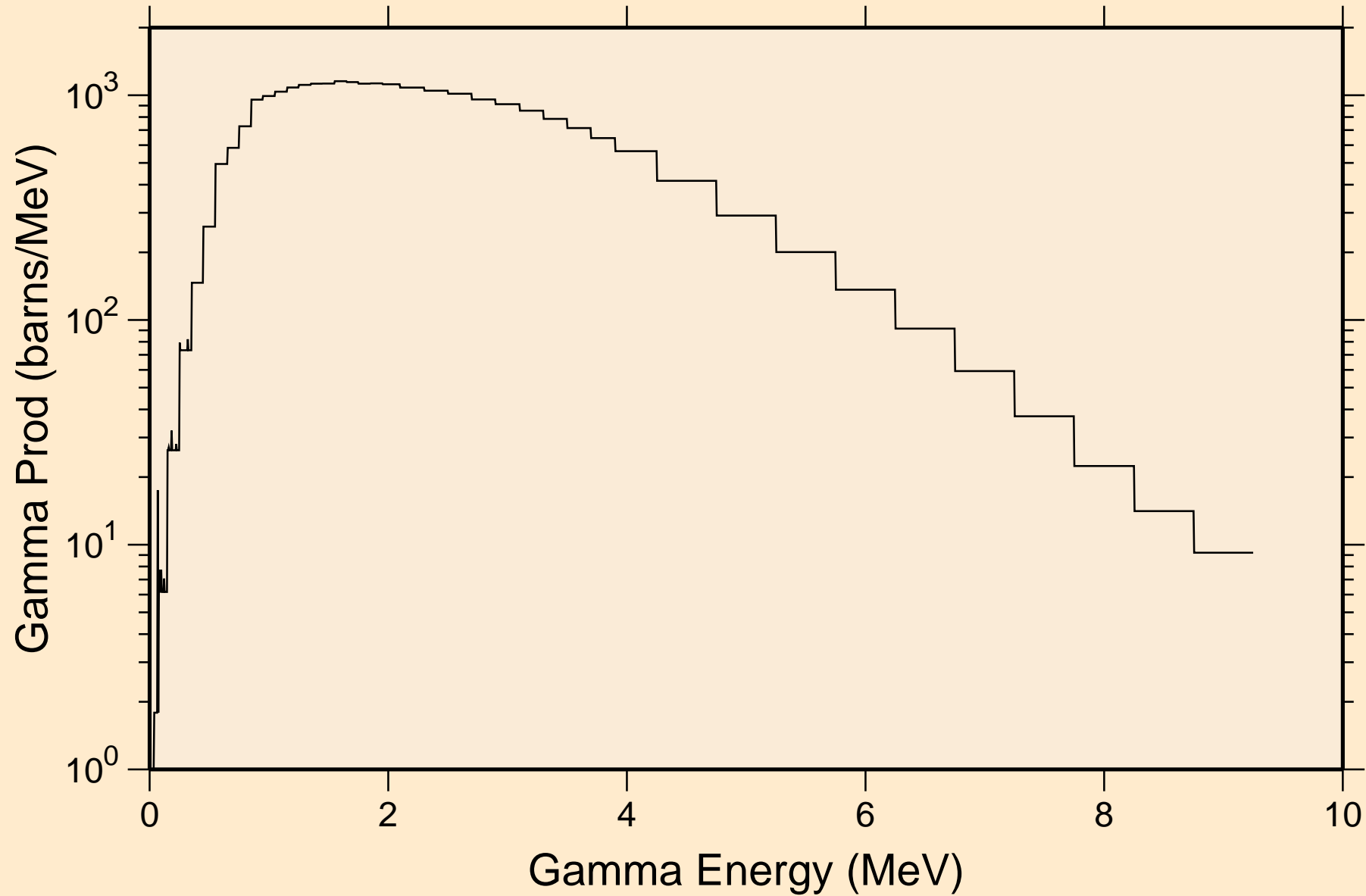
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



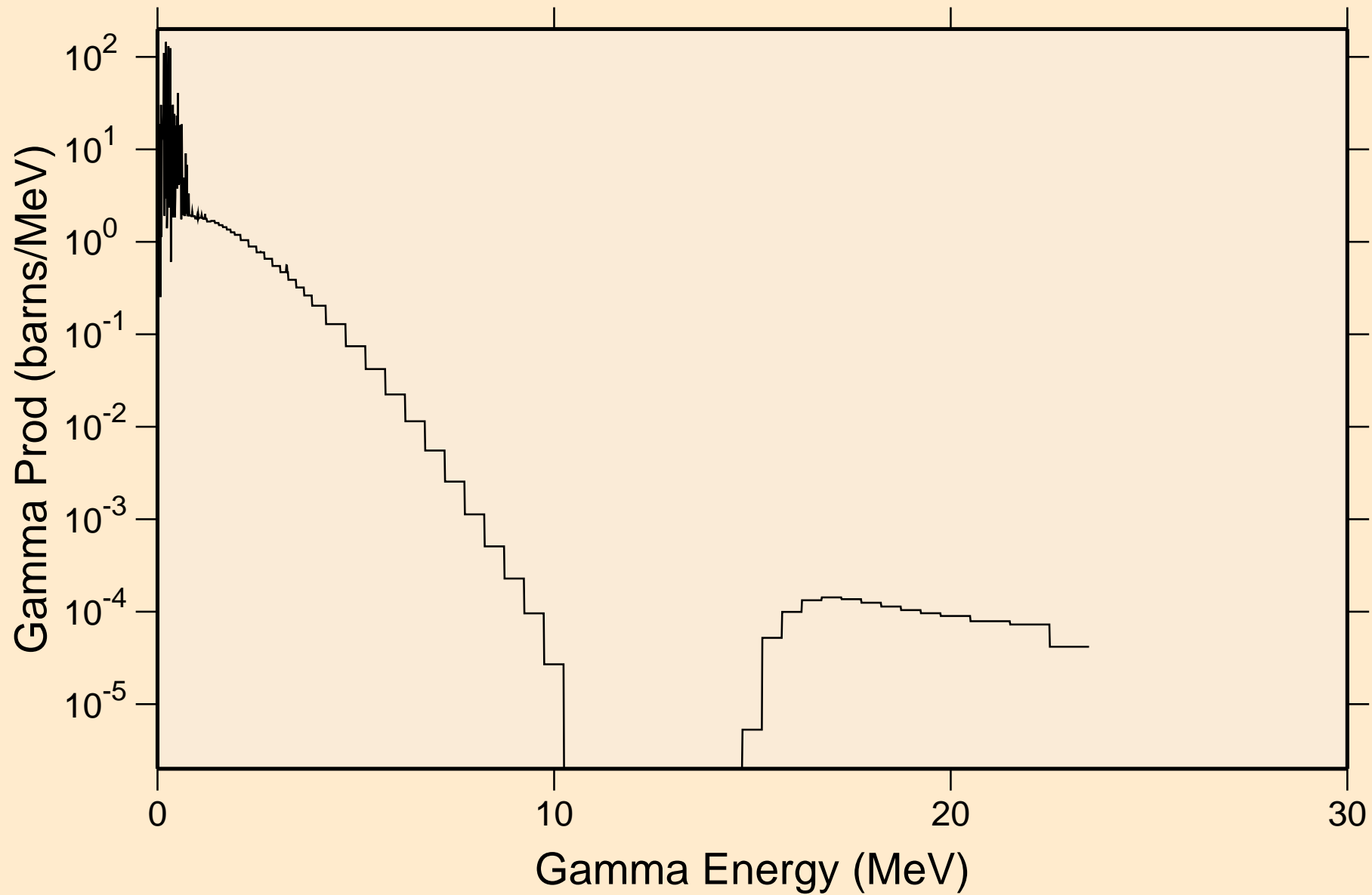
DY142 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



DY142 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



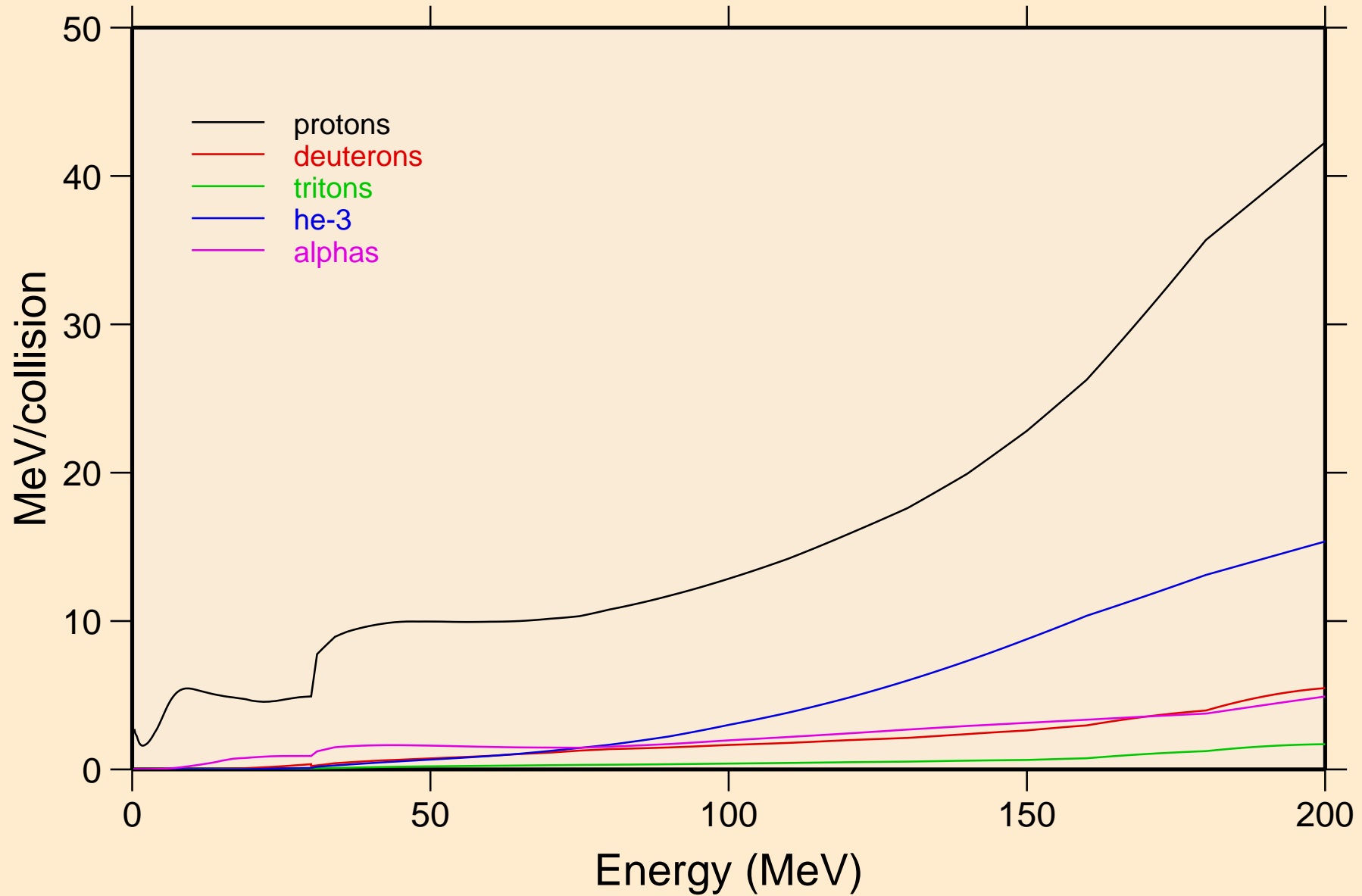
DY142 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





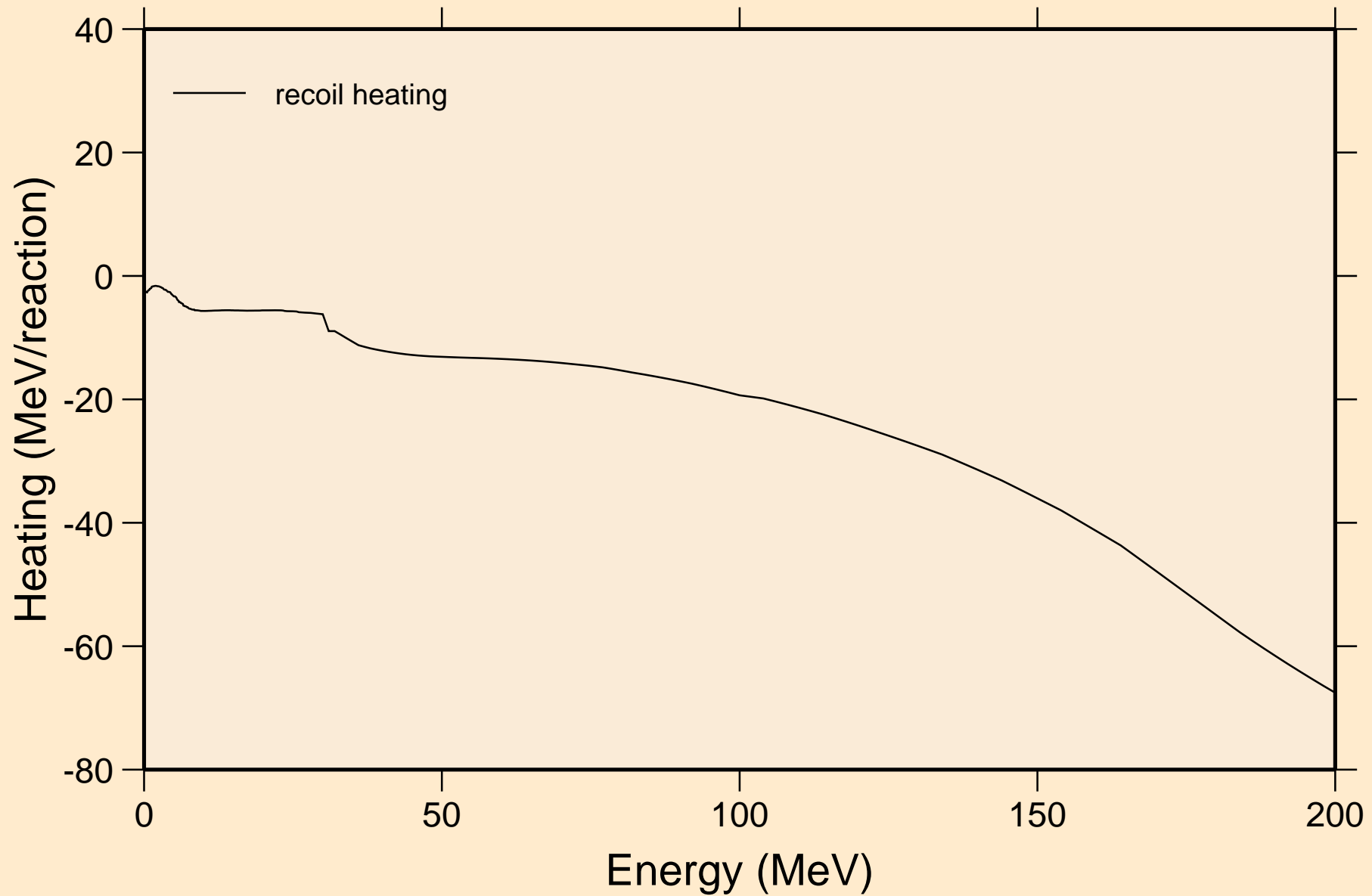
# DY142 NRG TENDL-2015, AKONING

## Particle heating contributions



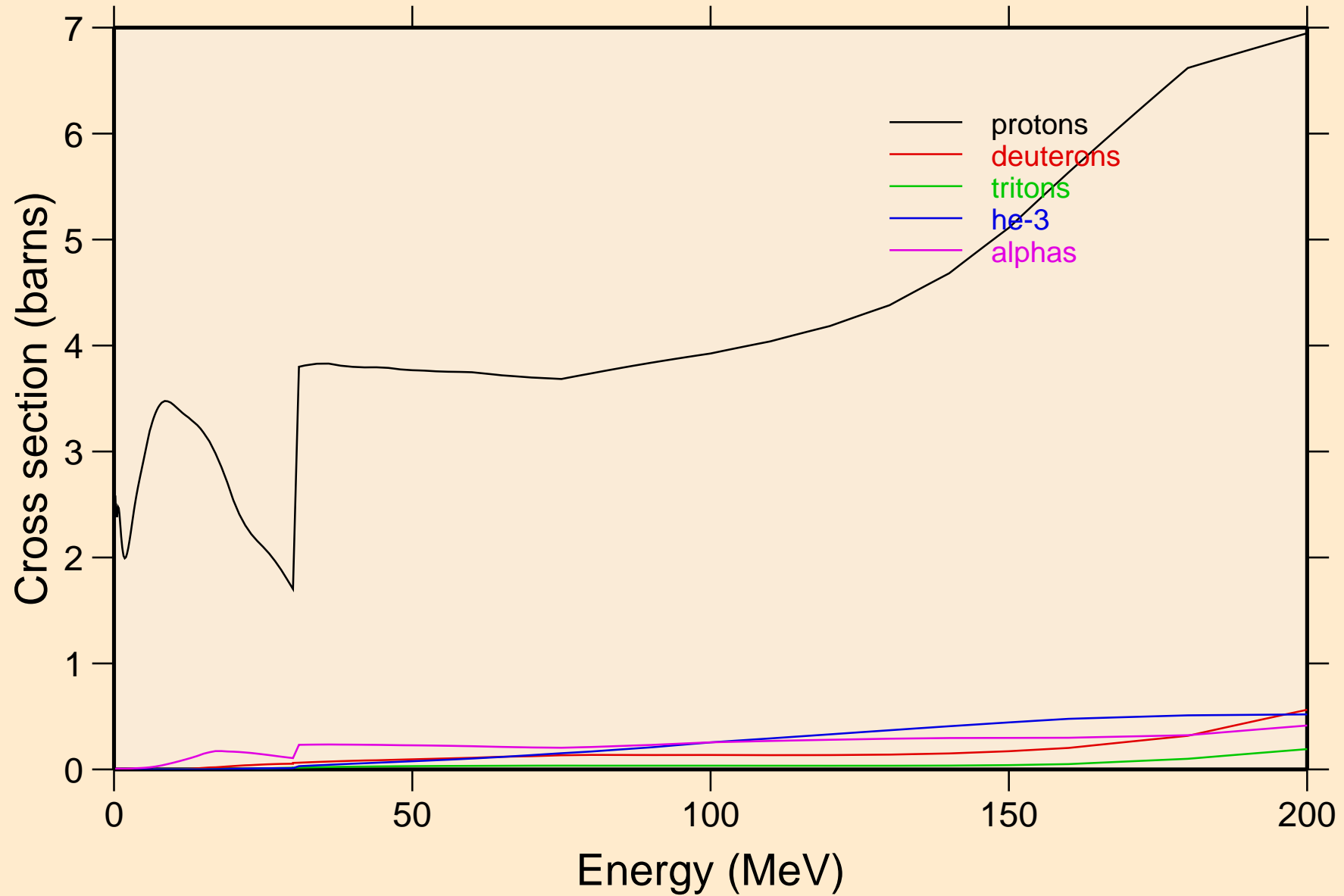
# DY142 NRG TENDL-2015, AKONING

## Recoil Heating

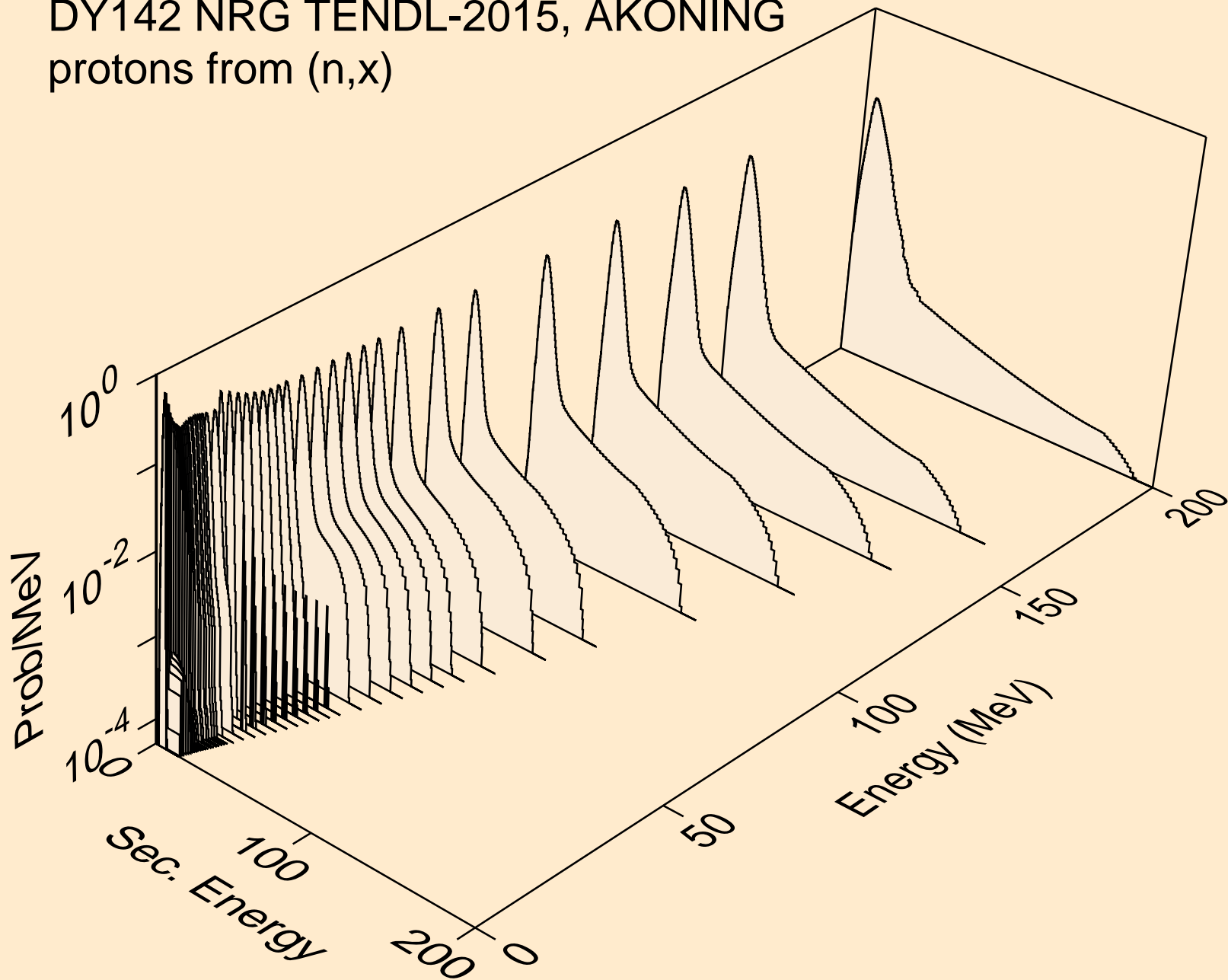


# DY142 NRG TENDL-2015, AKONING

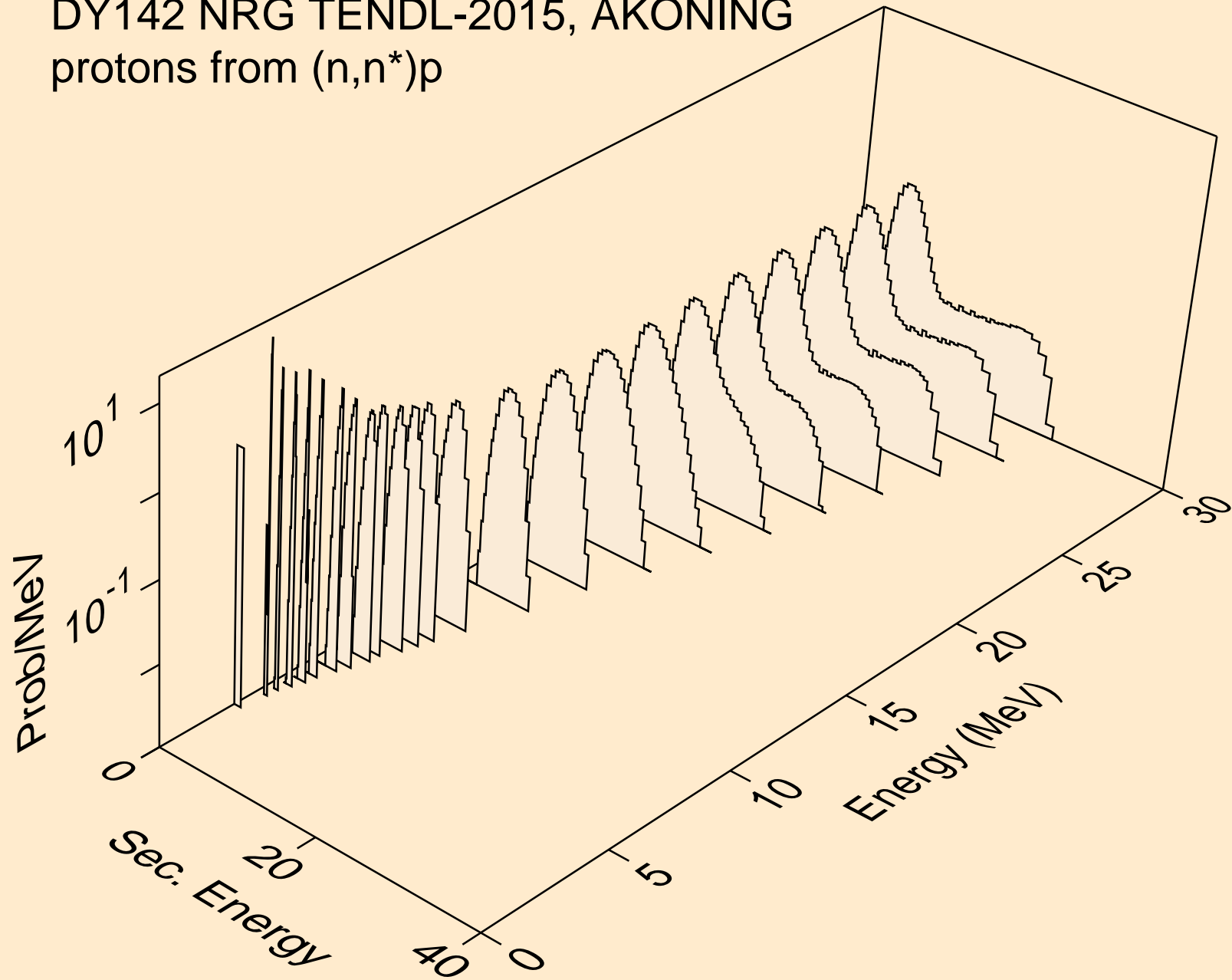
## Particle production cross sections



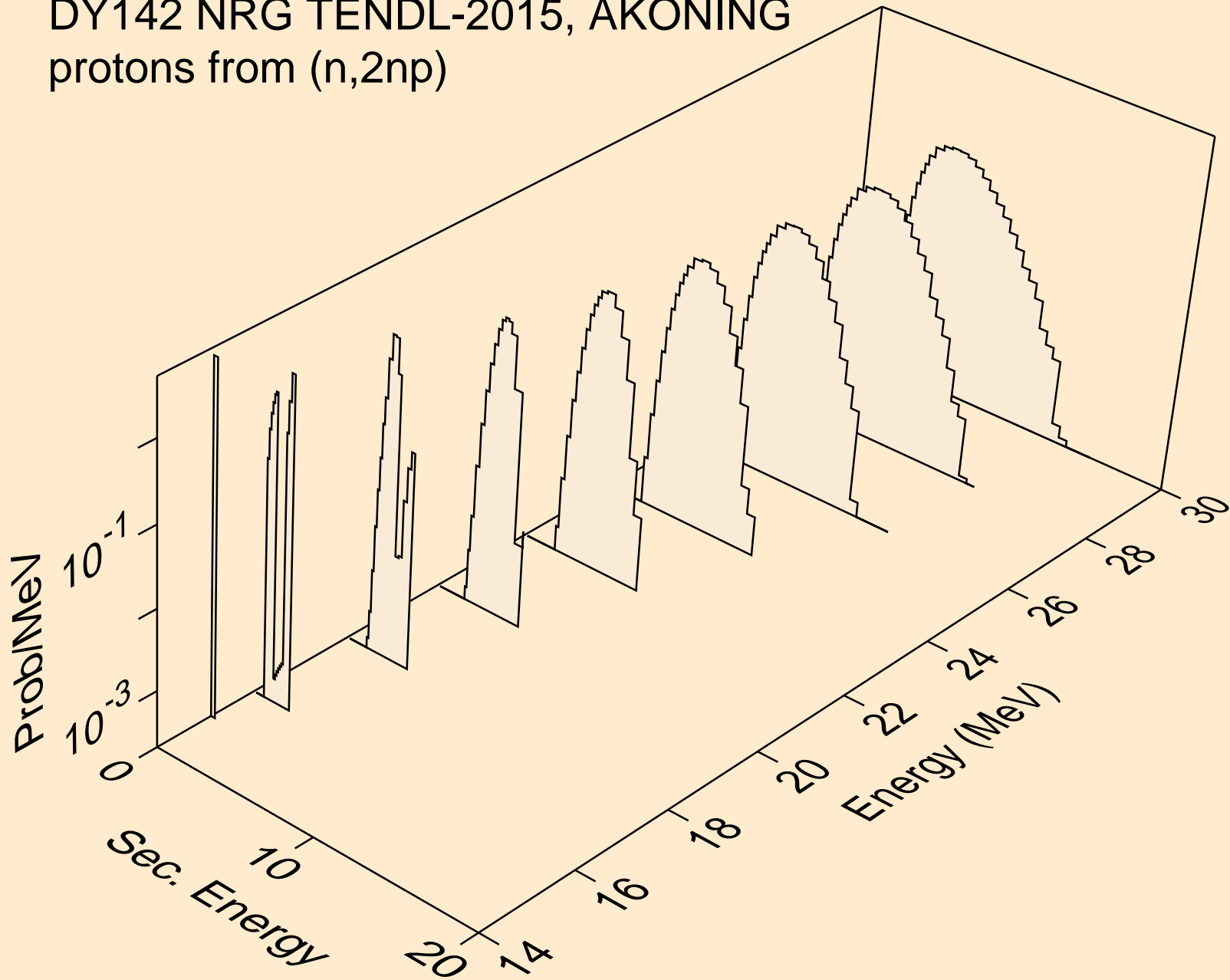
DY142 NRG TENDL-2015, AKONING  
protons from (n,x)



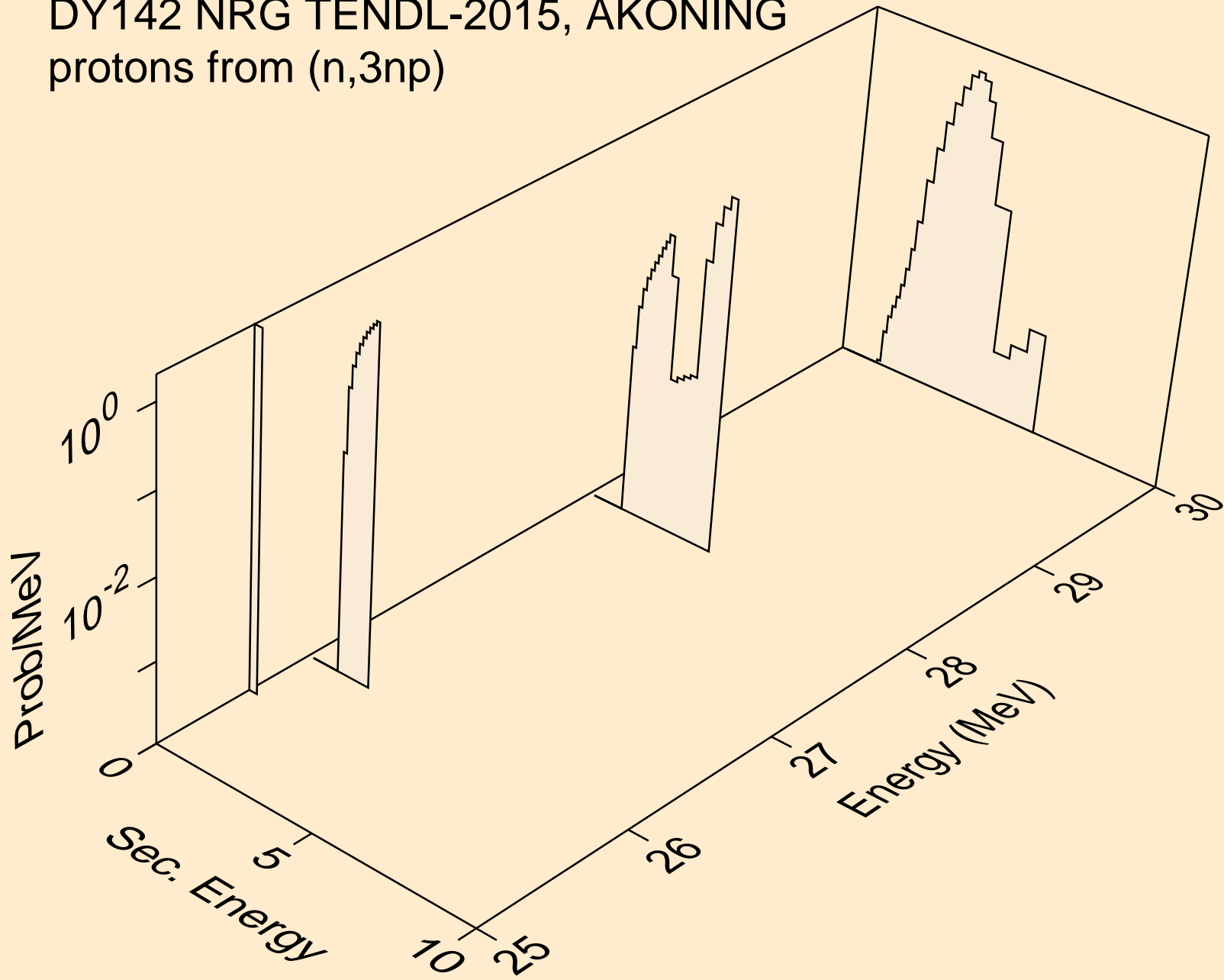
DY142 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



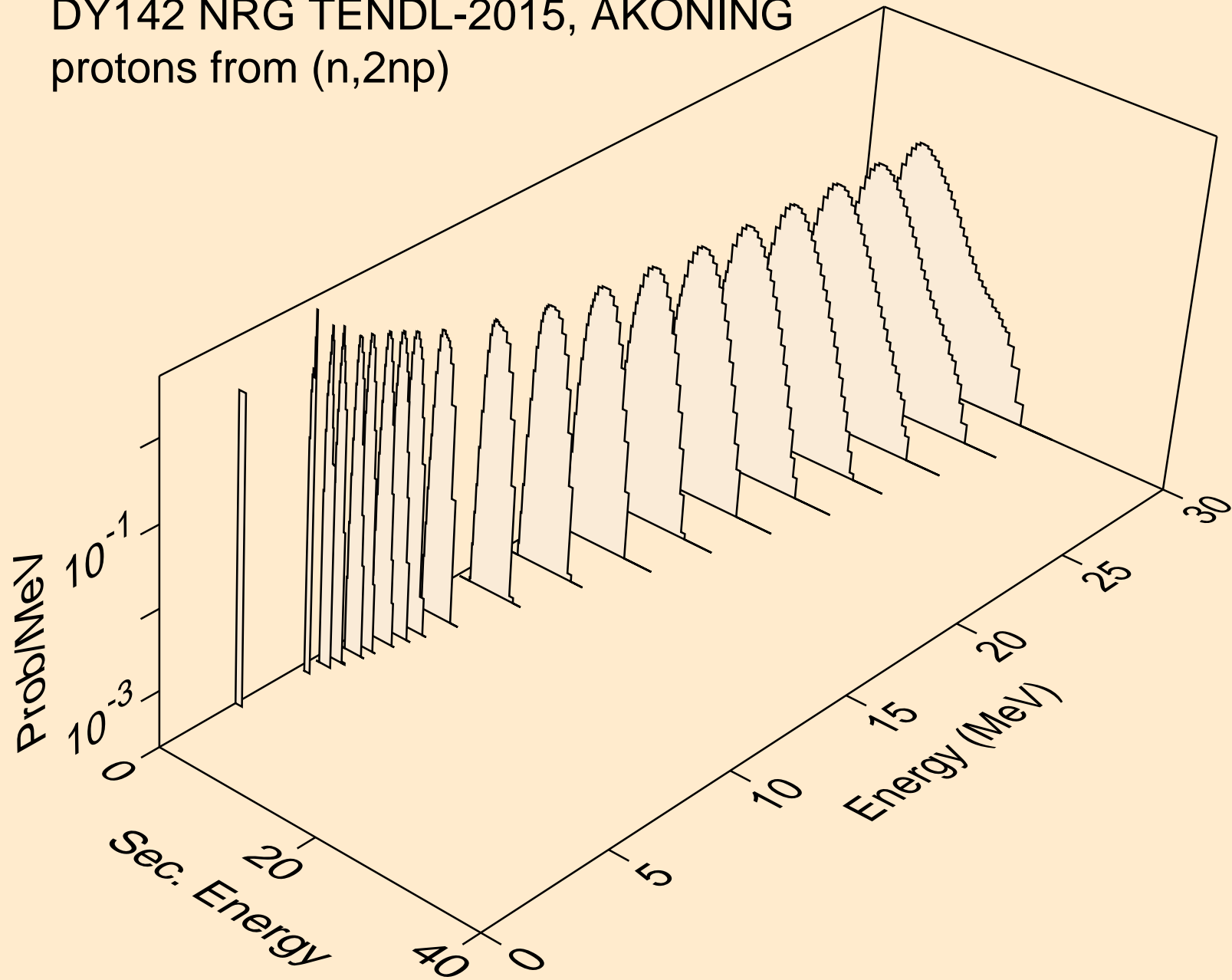
DY142 NRG TENDL-2015, AKONING  
protons from (n,2np)



DY142 NRG TENDL-2015, AKONING  
protons from (n,3np)

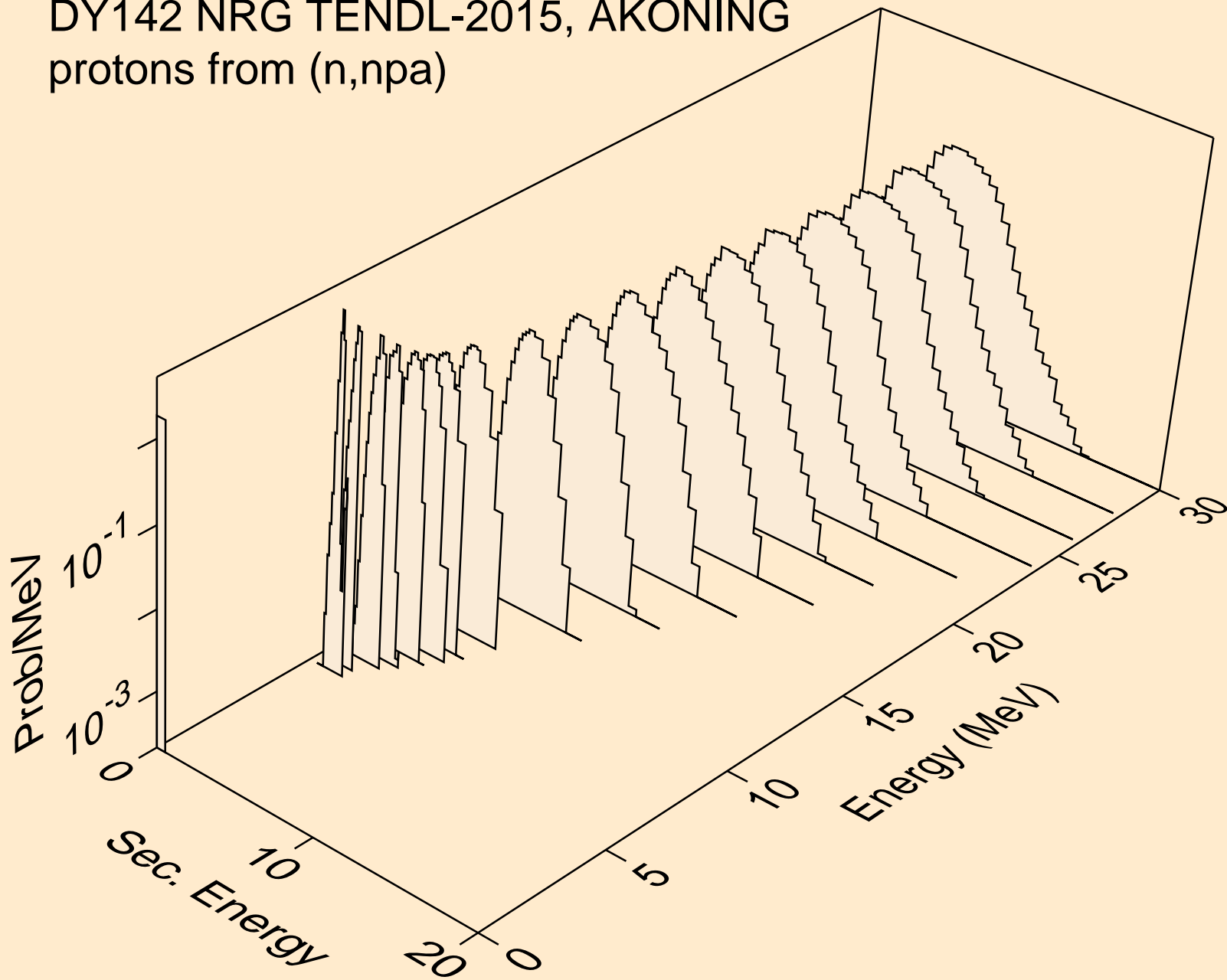


DY142 NRG TENDL-2015, AKONING  
protons from (n,2np)

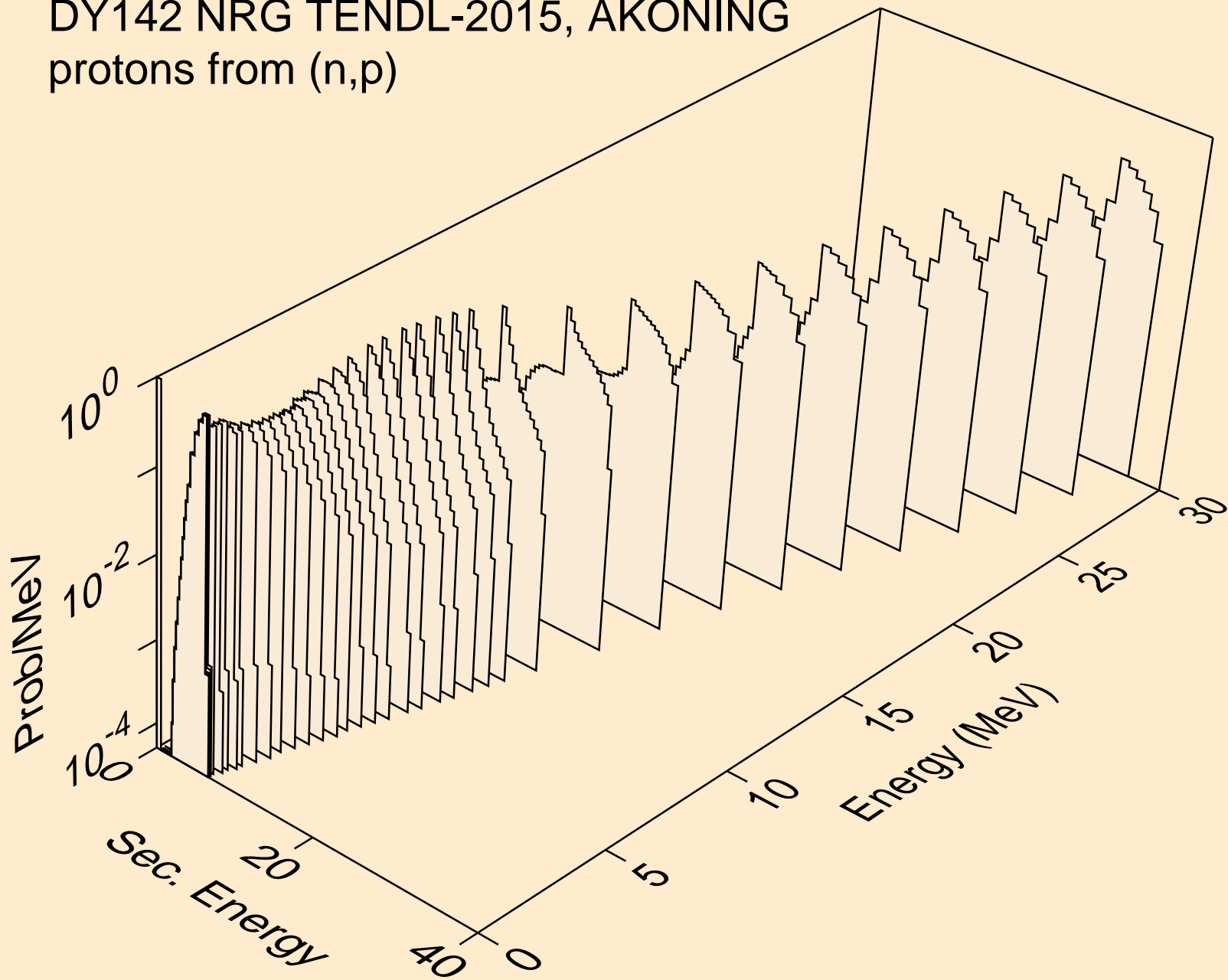




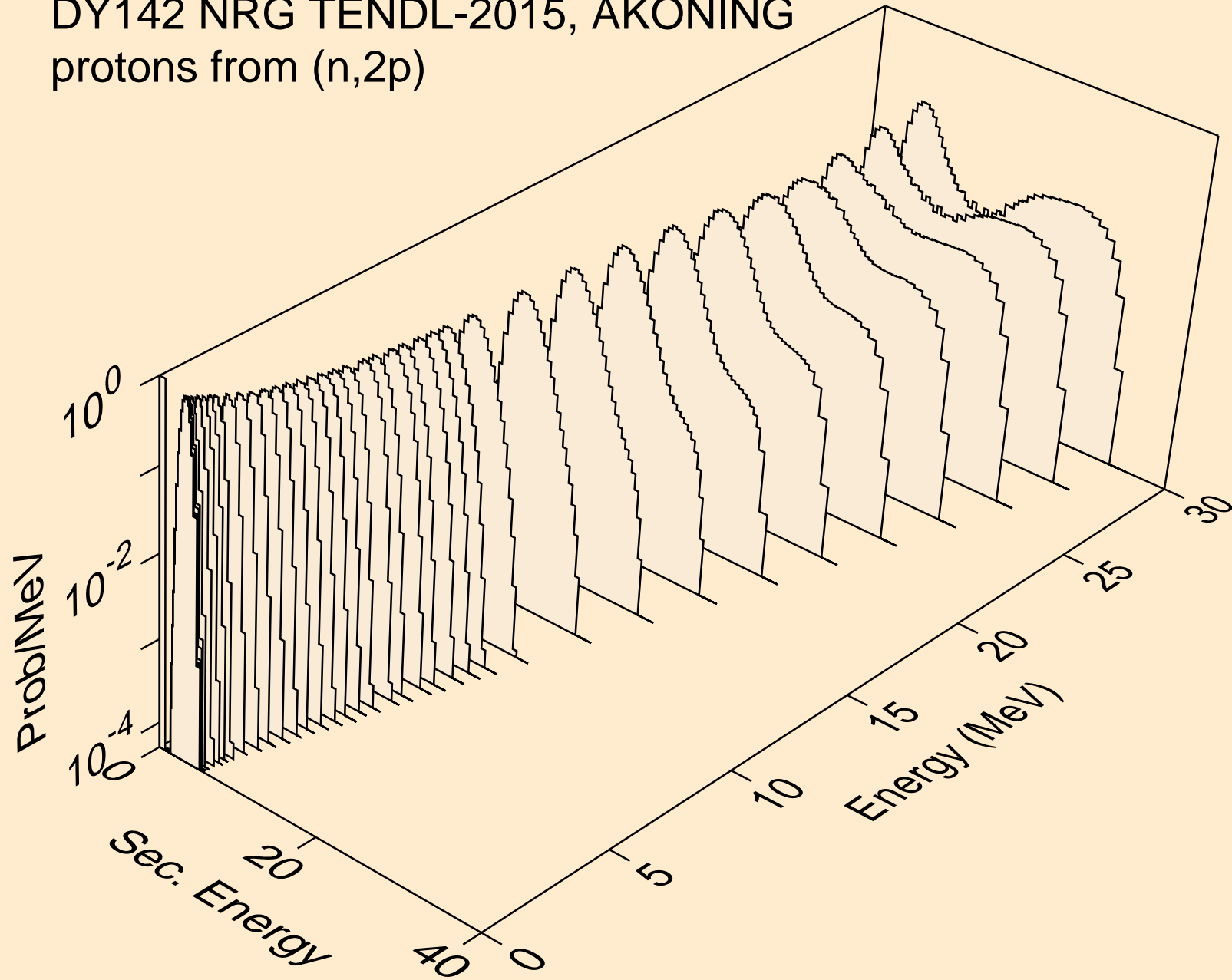
DY142 NRG TENDL-2015, AKONING  
protons from (n,npa)



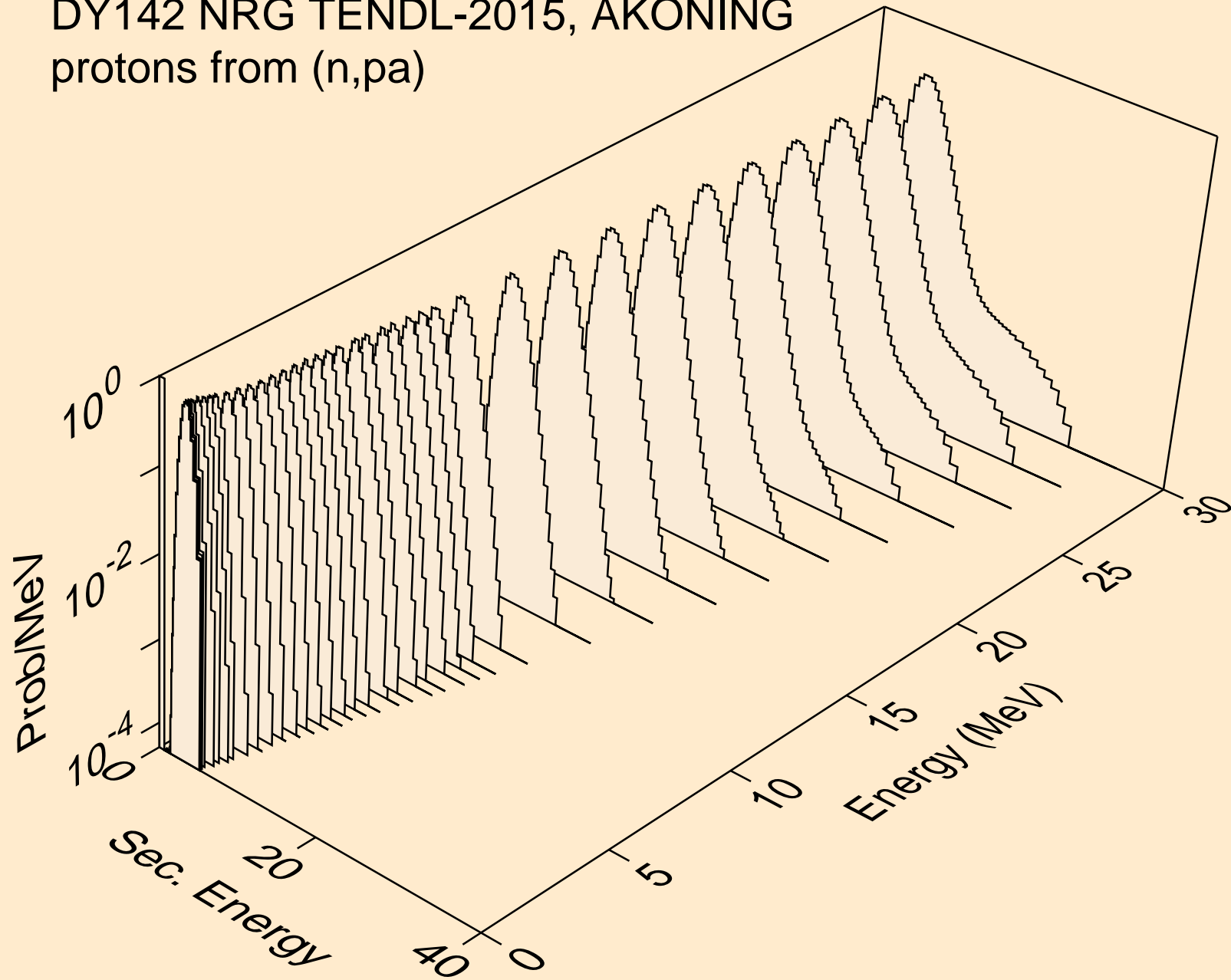
DY142 NRG TENDL-2015, AKONING  
protons from (n,p)



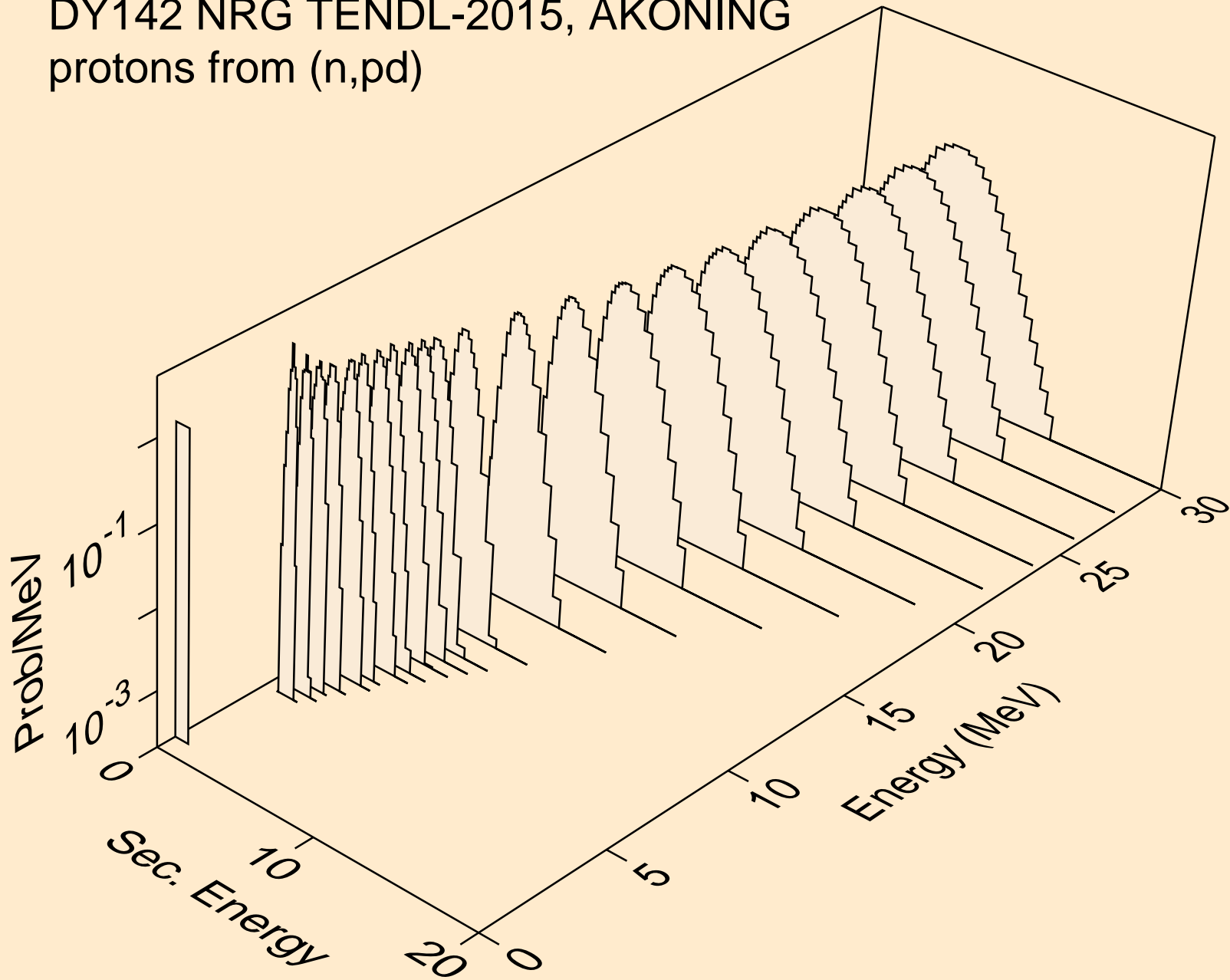
DY142 NRG TENDL-2015, AKONING  
protons from (n,2p)



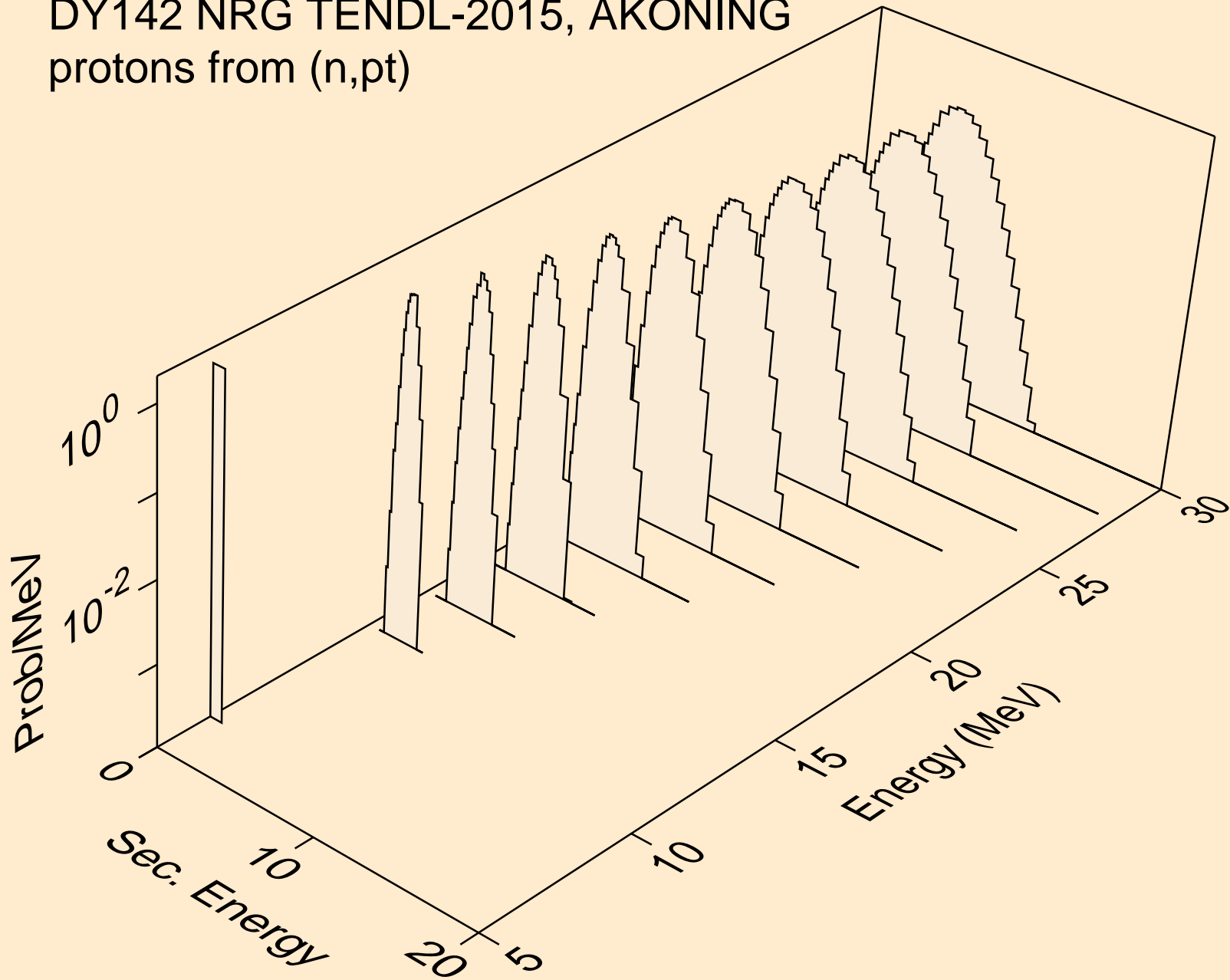
DY142 NRG TENDL-2015, AKONING  
protons from (n,pa)



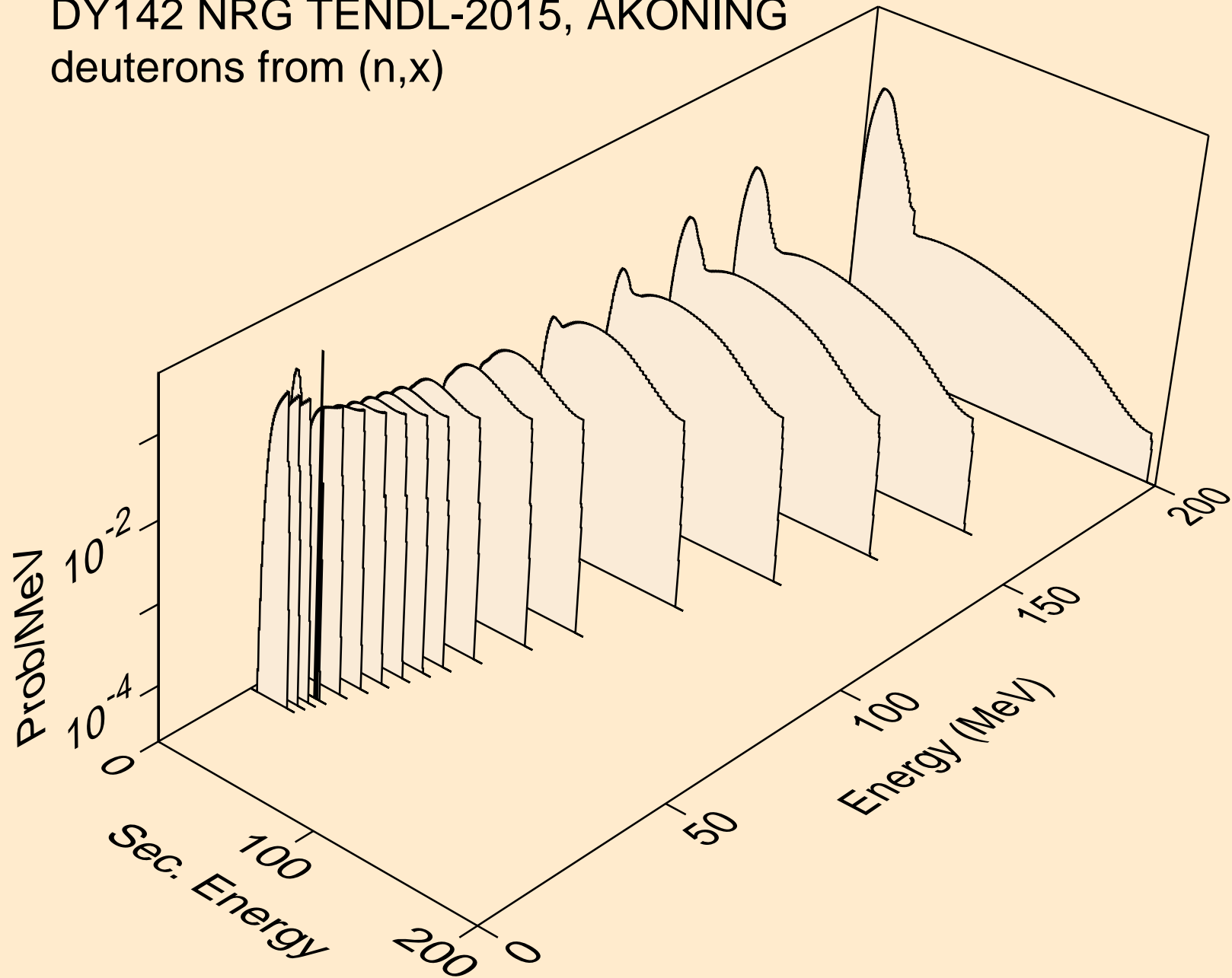
DY142 NRG TENDL-2015, AKONING  
protons from (n,pd)



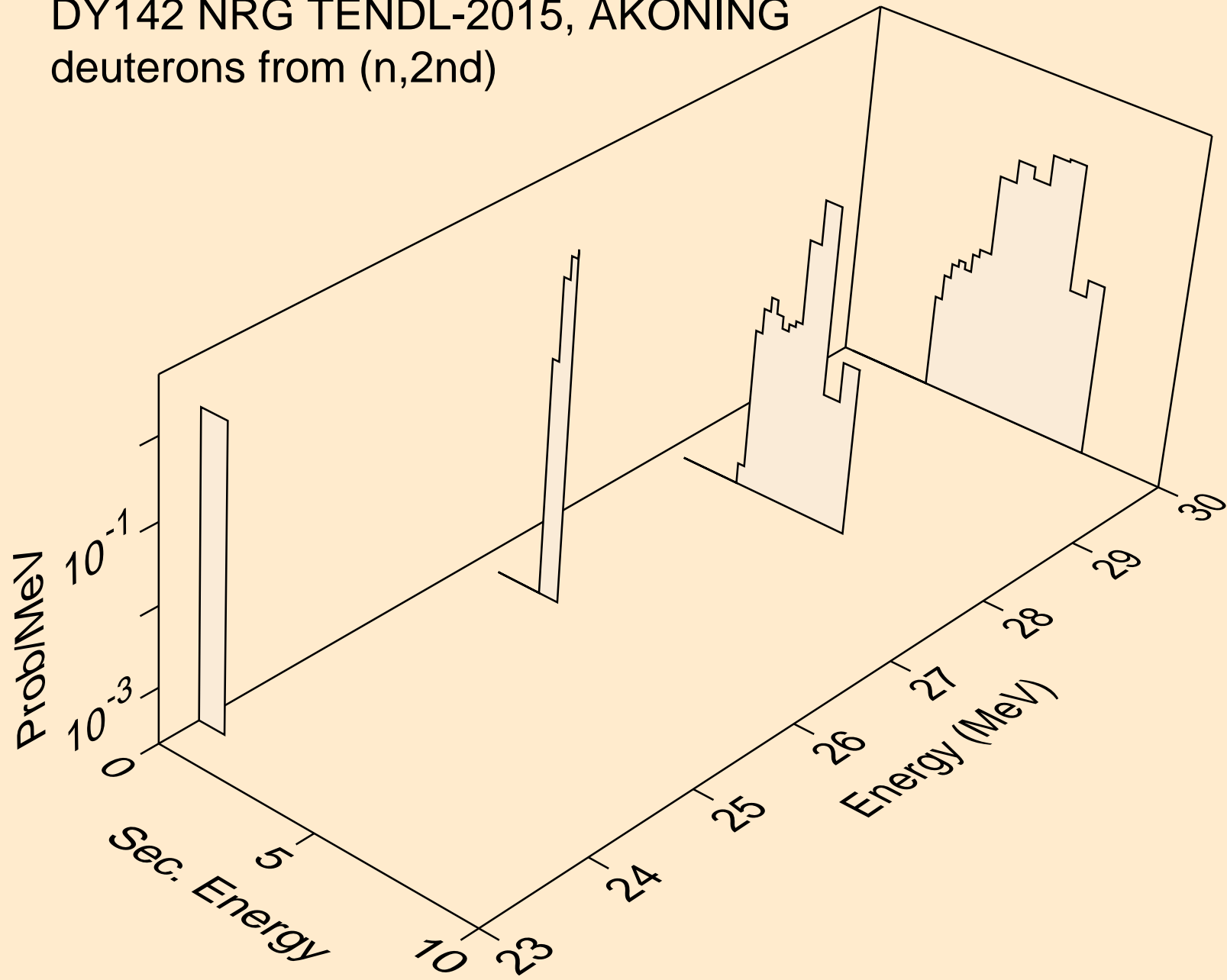
DY142 NRG TENDL-2015, AKONING  
protons from (n,pt)



DY142 NRG TENDL-2015, AKONING  
deuterons from (n,x)

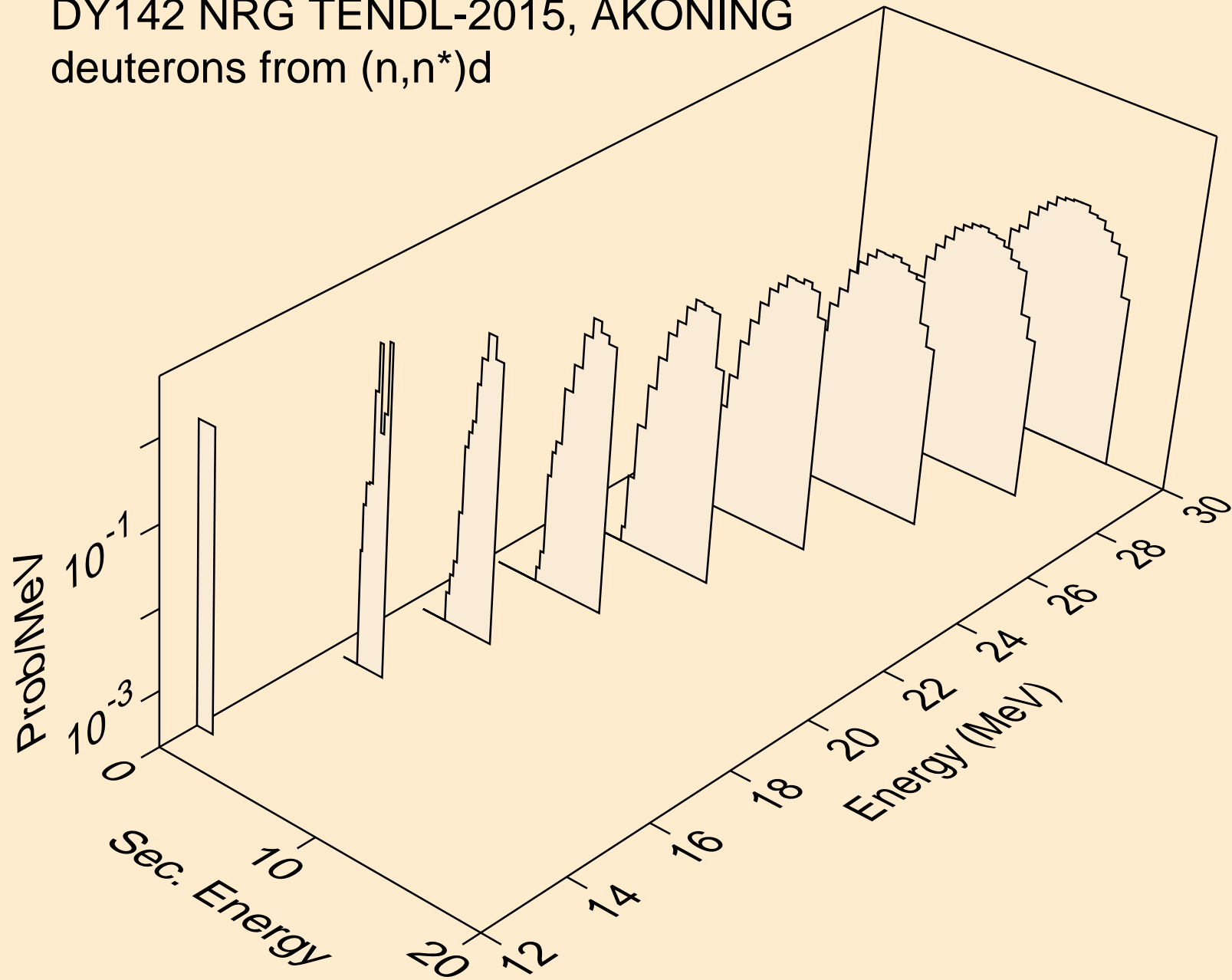


DY142 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

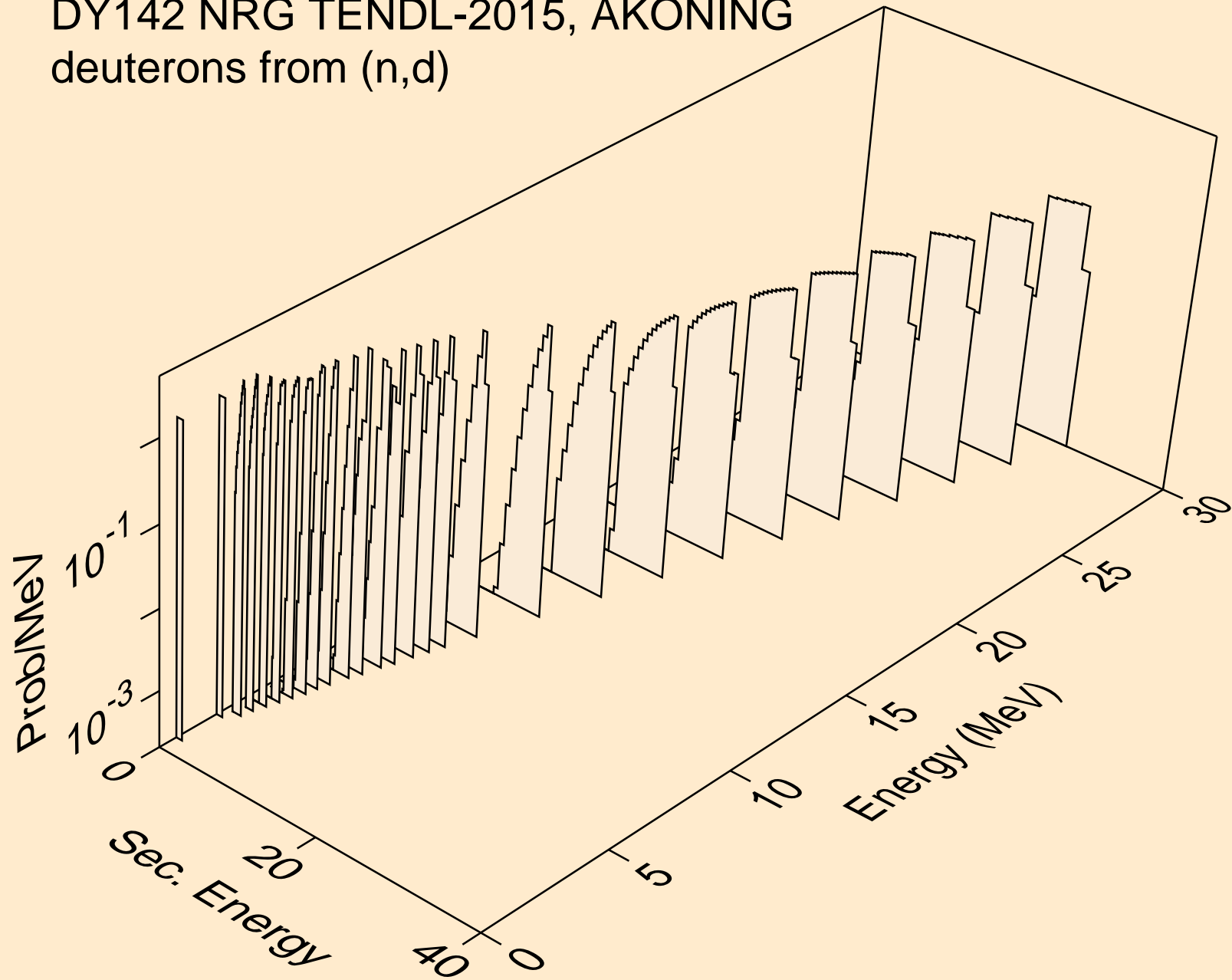




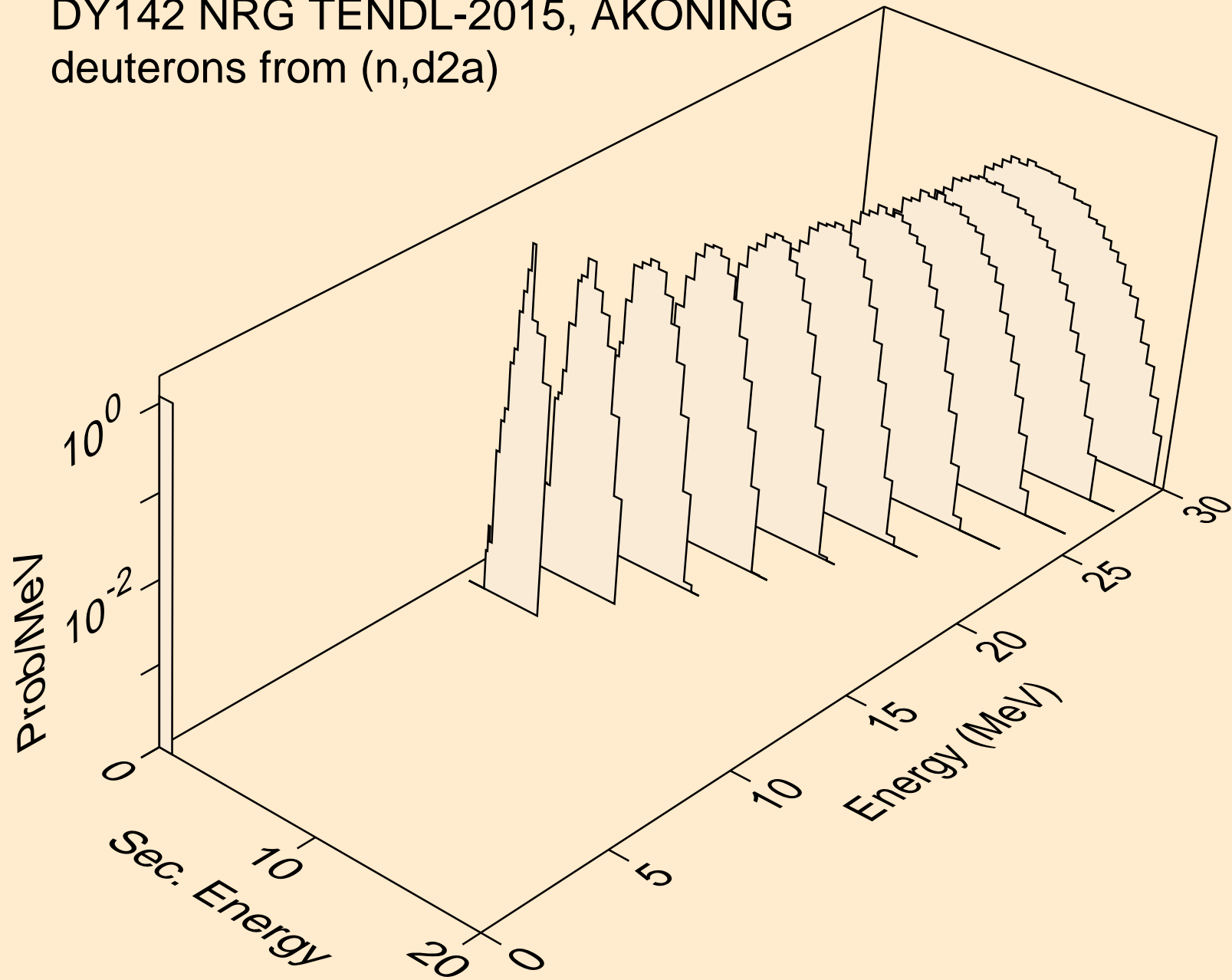
DY142 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



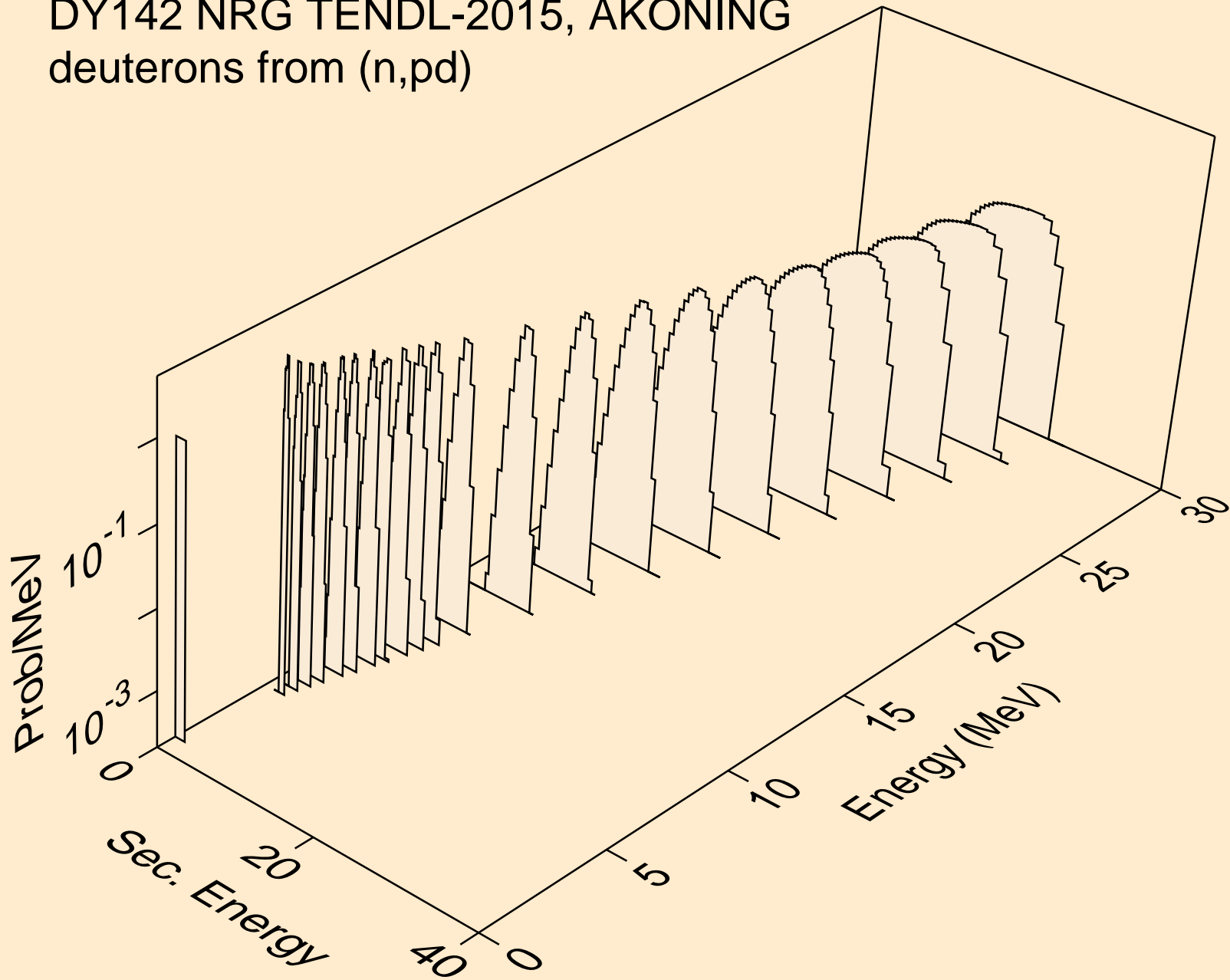
DY142 NRG TENDL-2015, AKONING  
deuterons from (n,d)



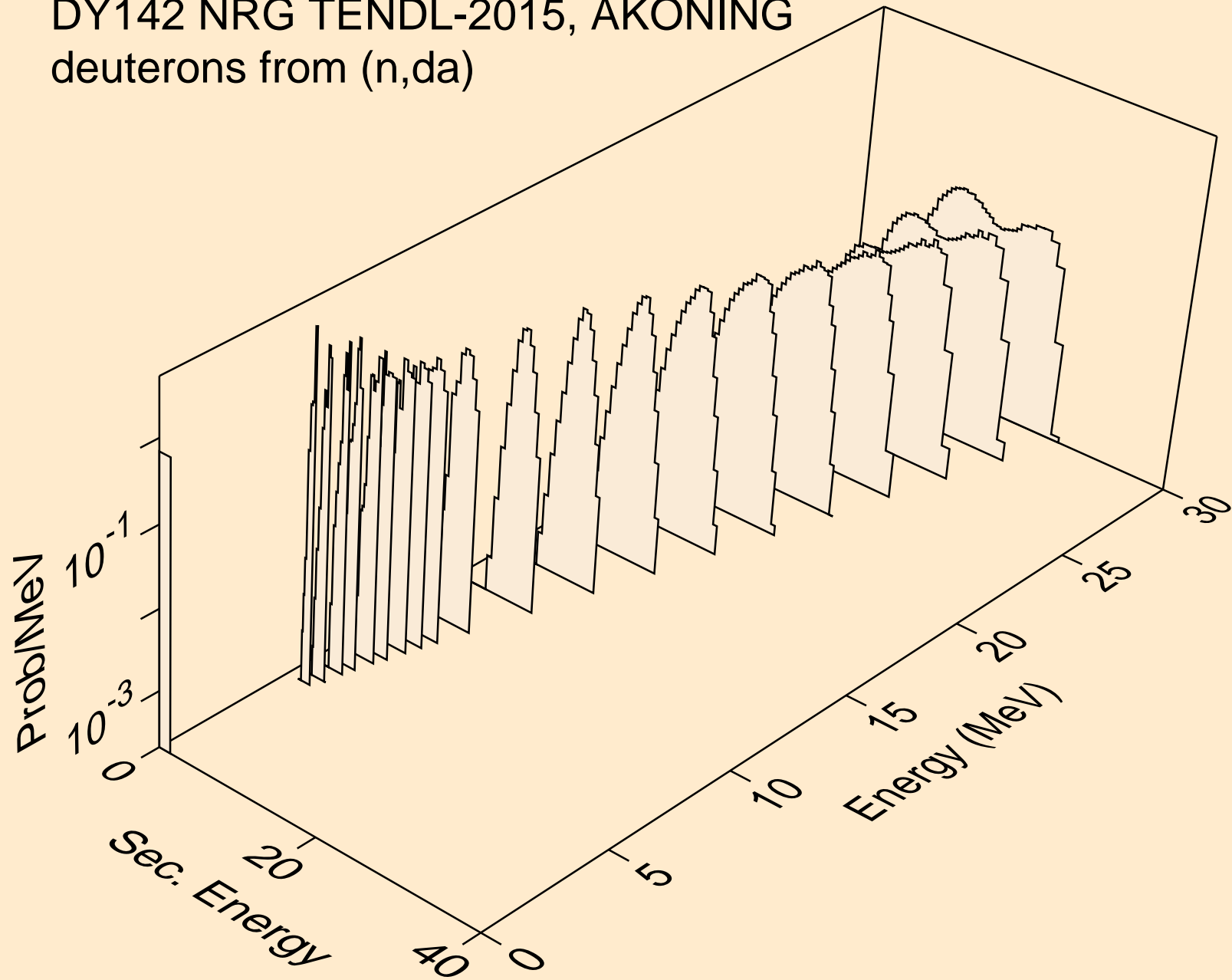
DY142 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



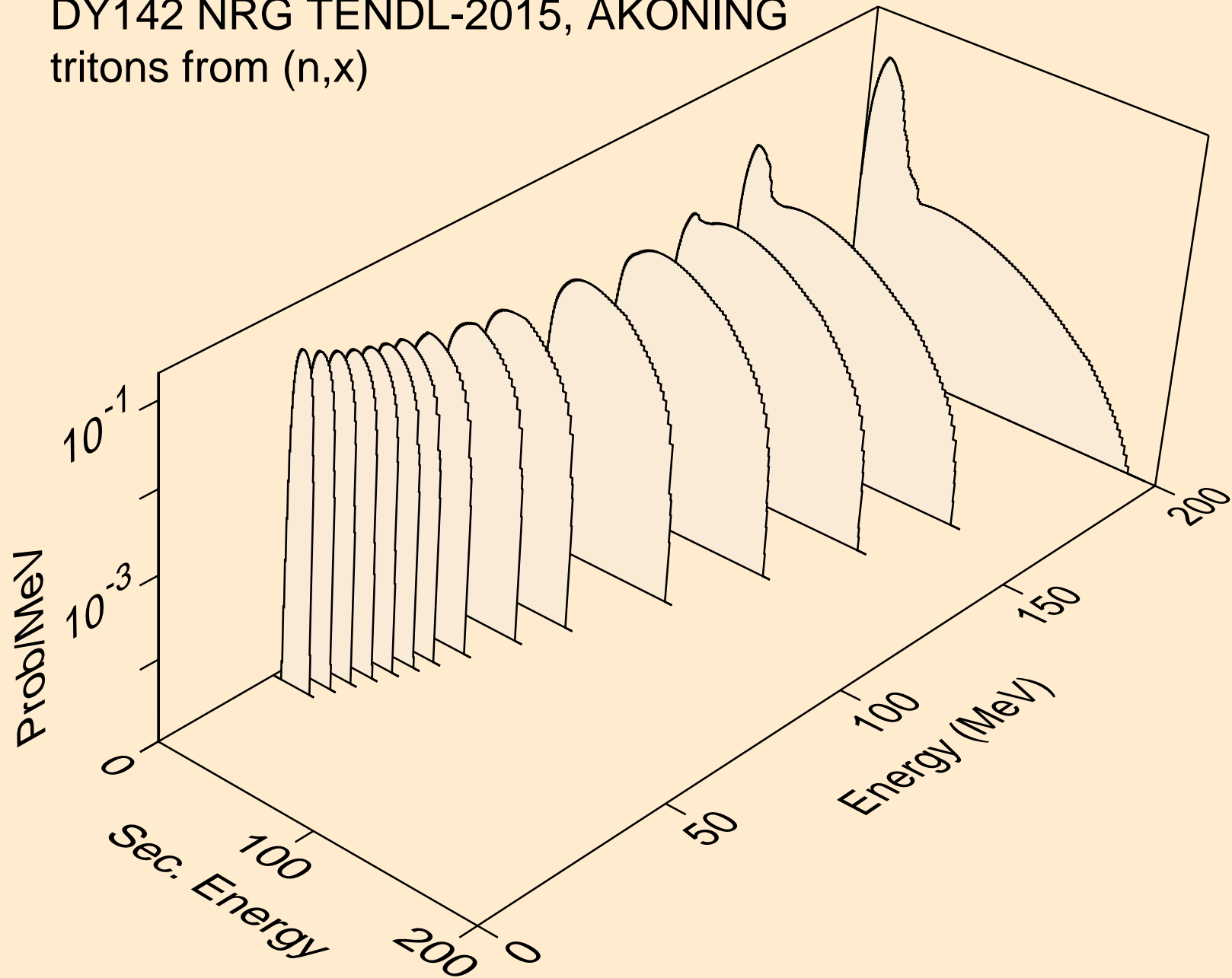
DY142 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



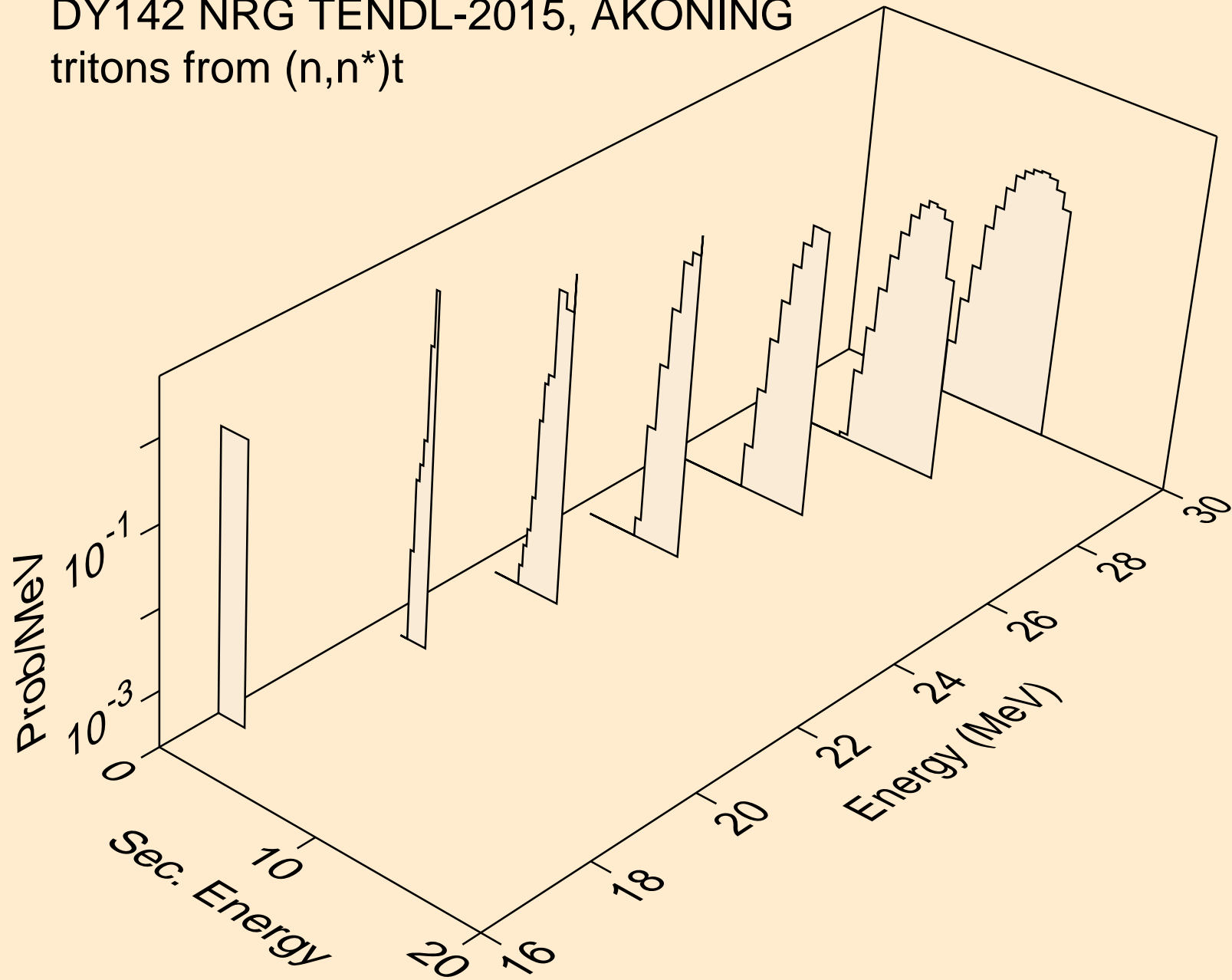
DY142 NRG TENDL-2015, AKONING  
deuterons from (n,da)



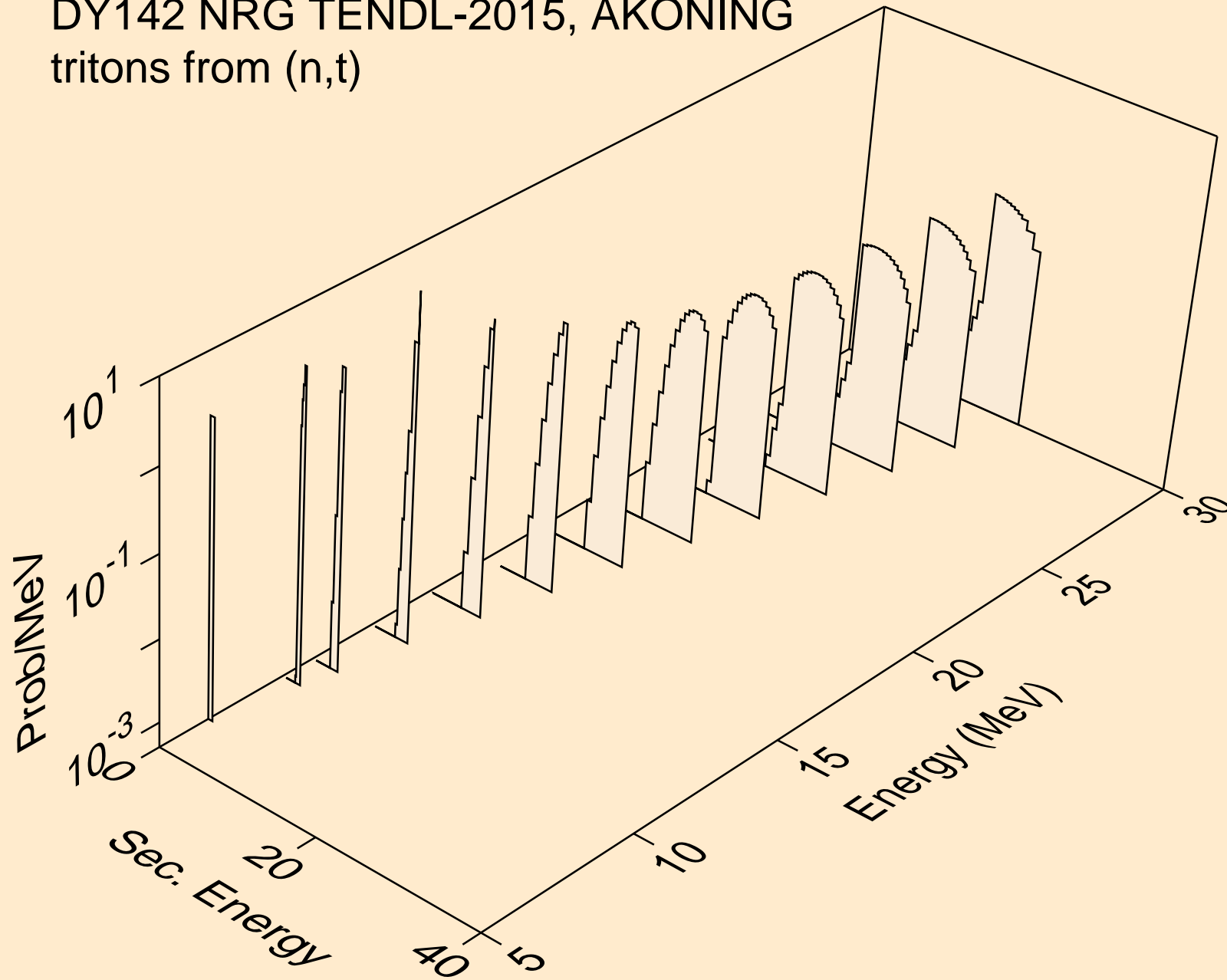
DY142 NRG TENDL-2015, AKONING  
tritons from (n,x)



DY142 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

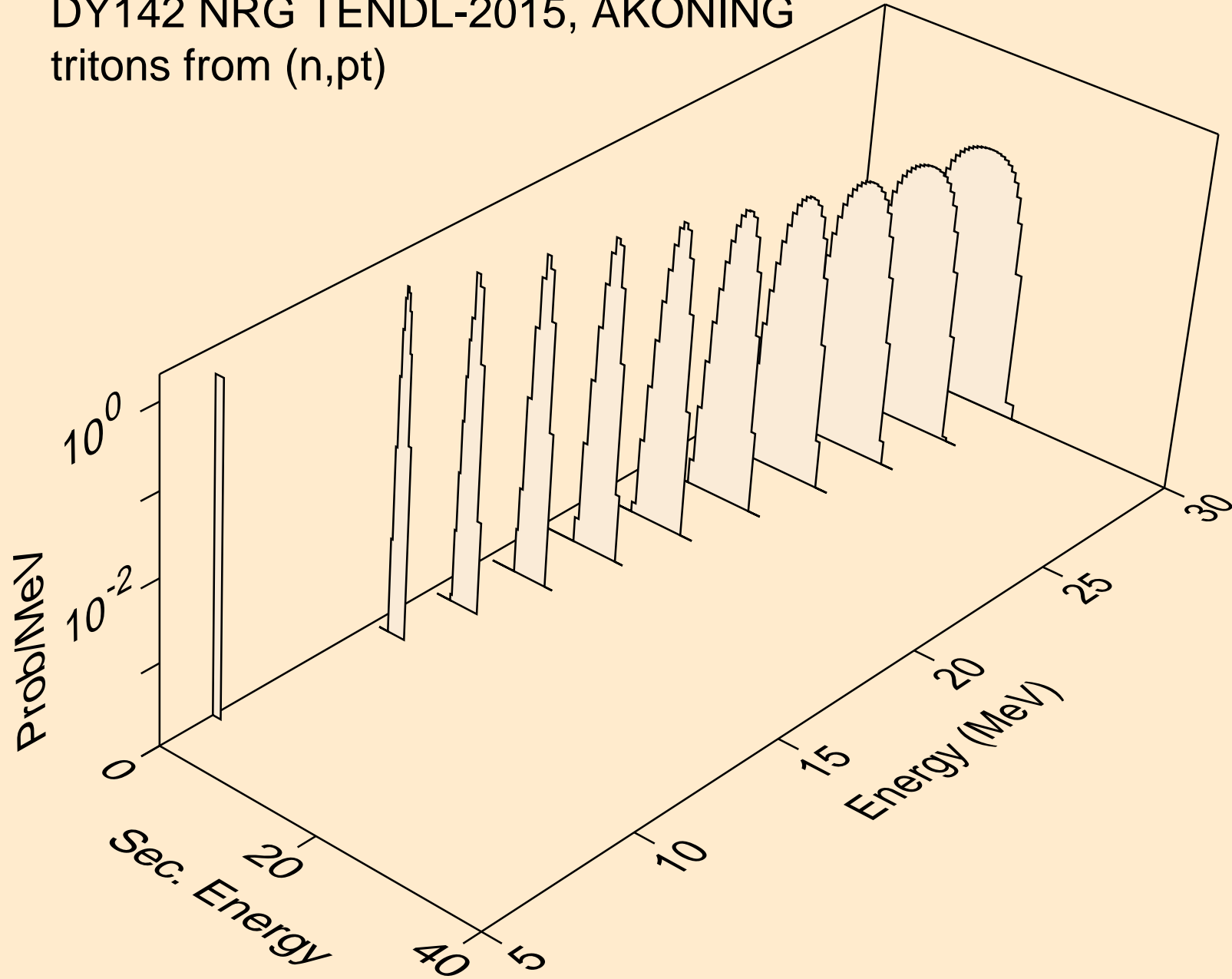


DY142 NRG TENDL-2015, AKONING  
tritons from (n,t)

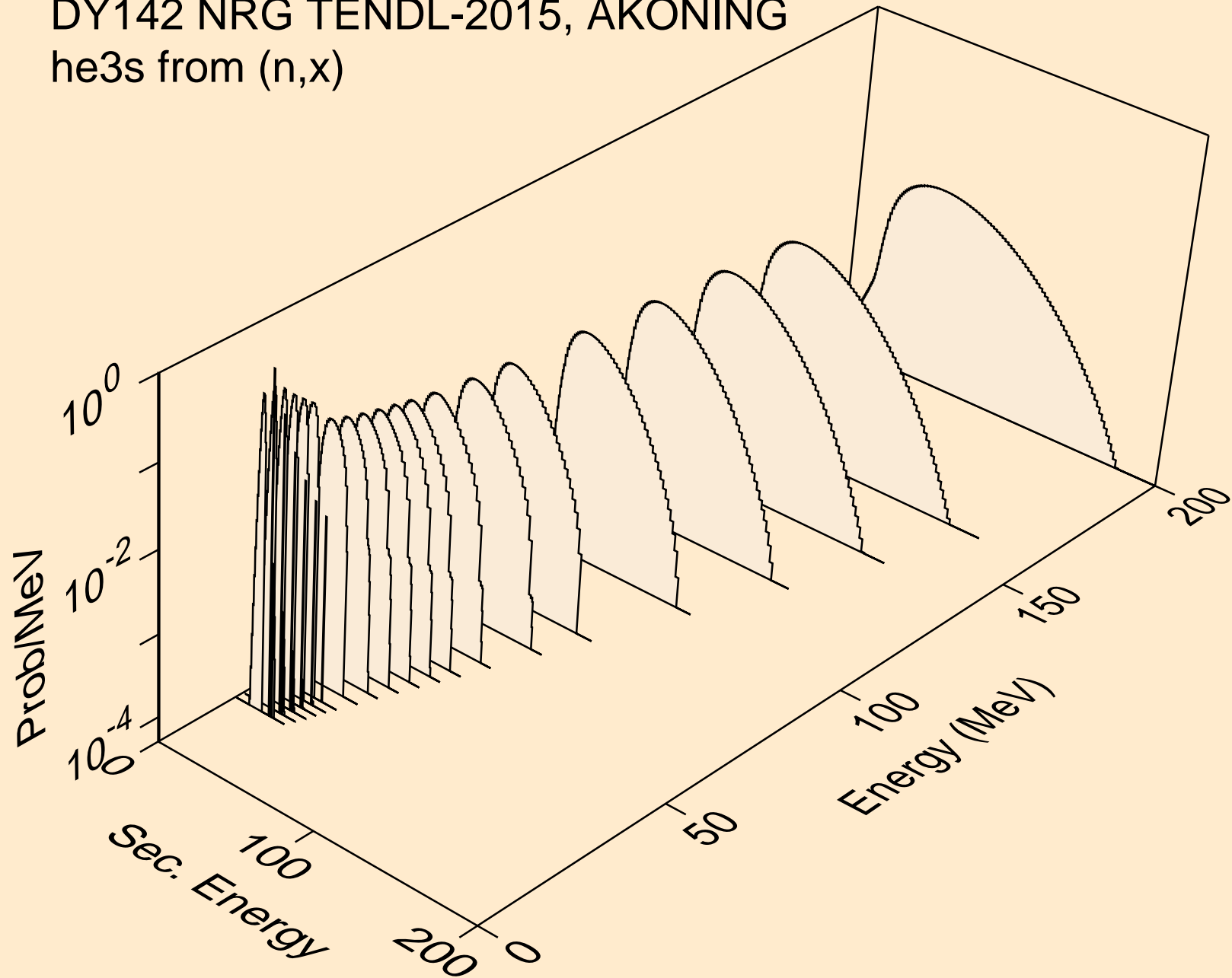




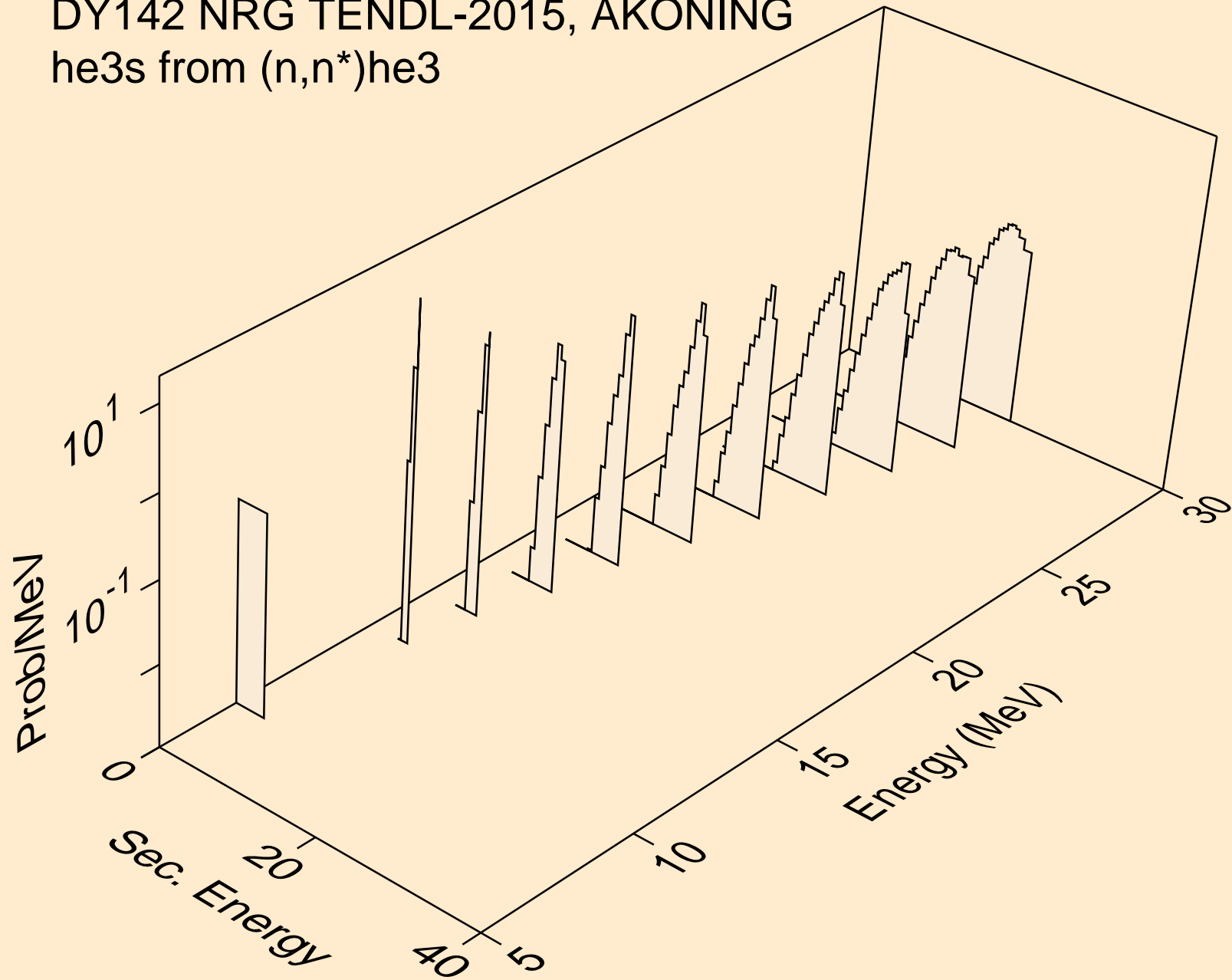
DY142 NRG TENDL-2015, AKONING  
tritons from (n,pt)



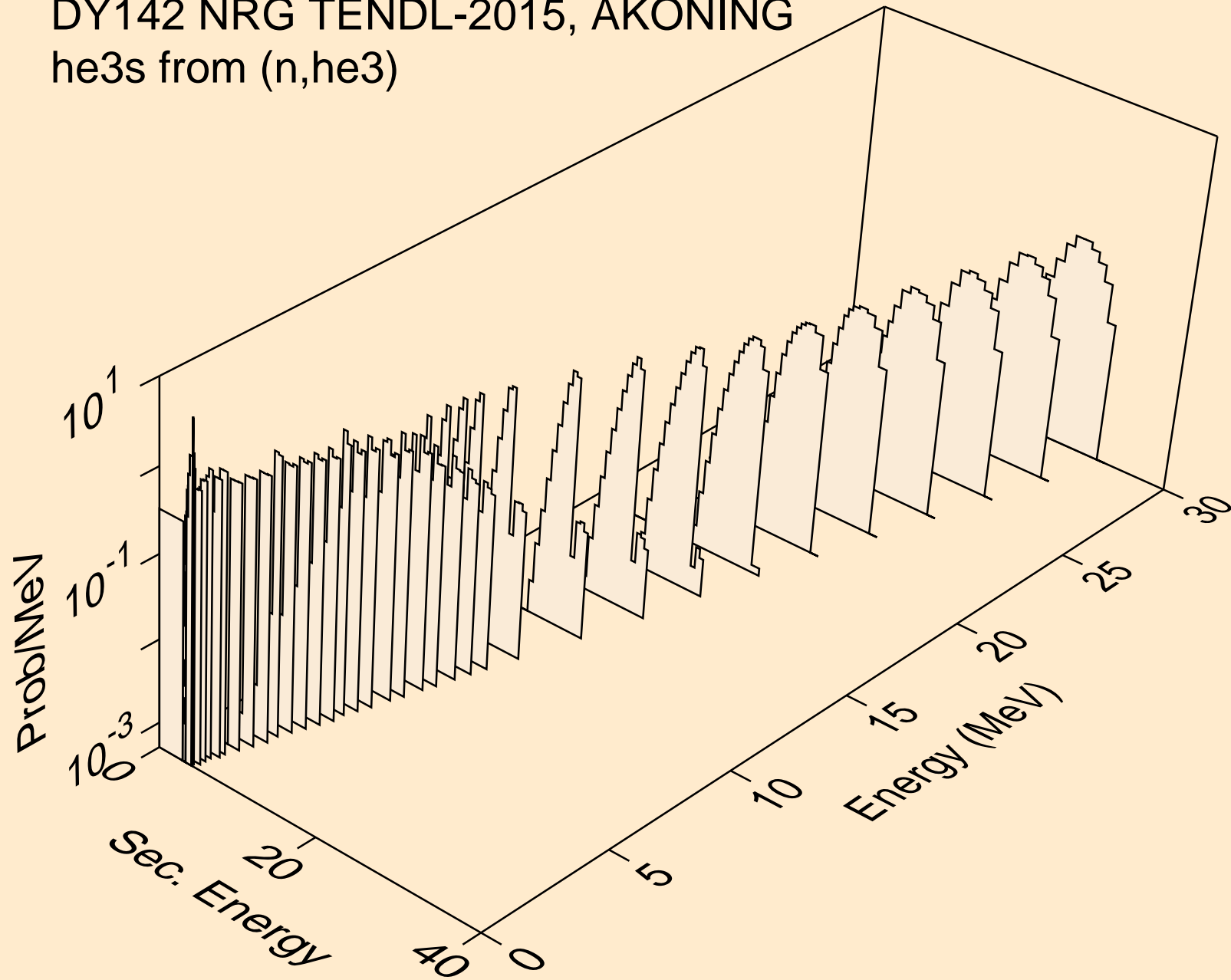
DY142 NRG TENDL-2015, AKONING  
he3s from (n,x)



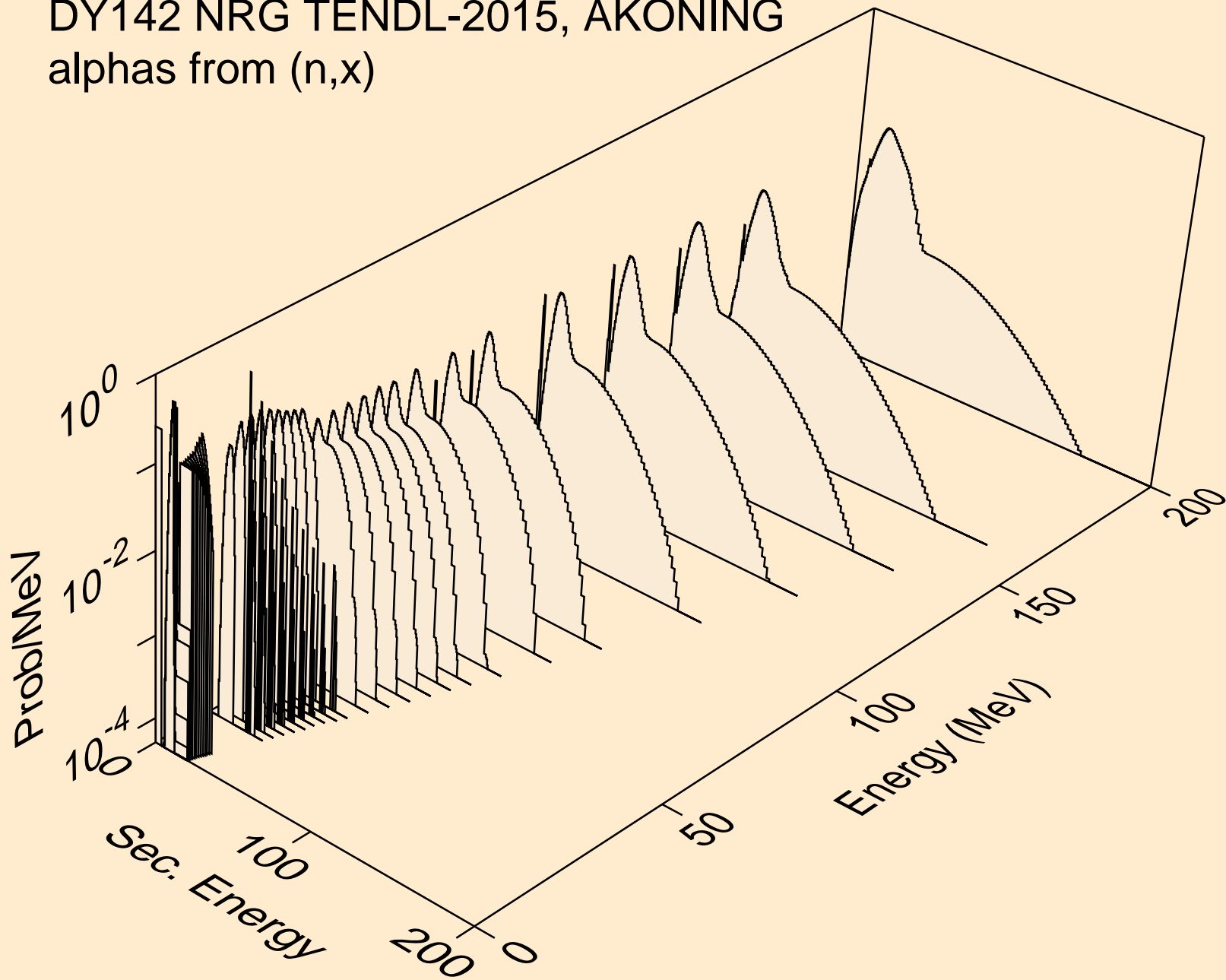
DY142 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



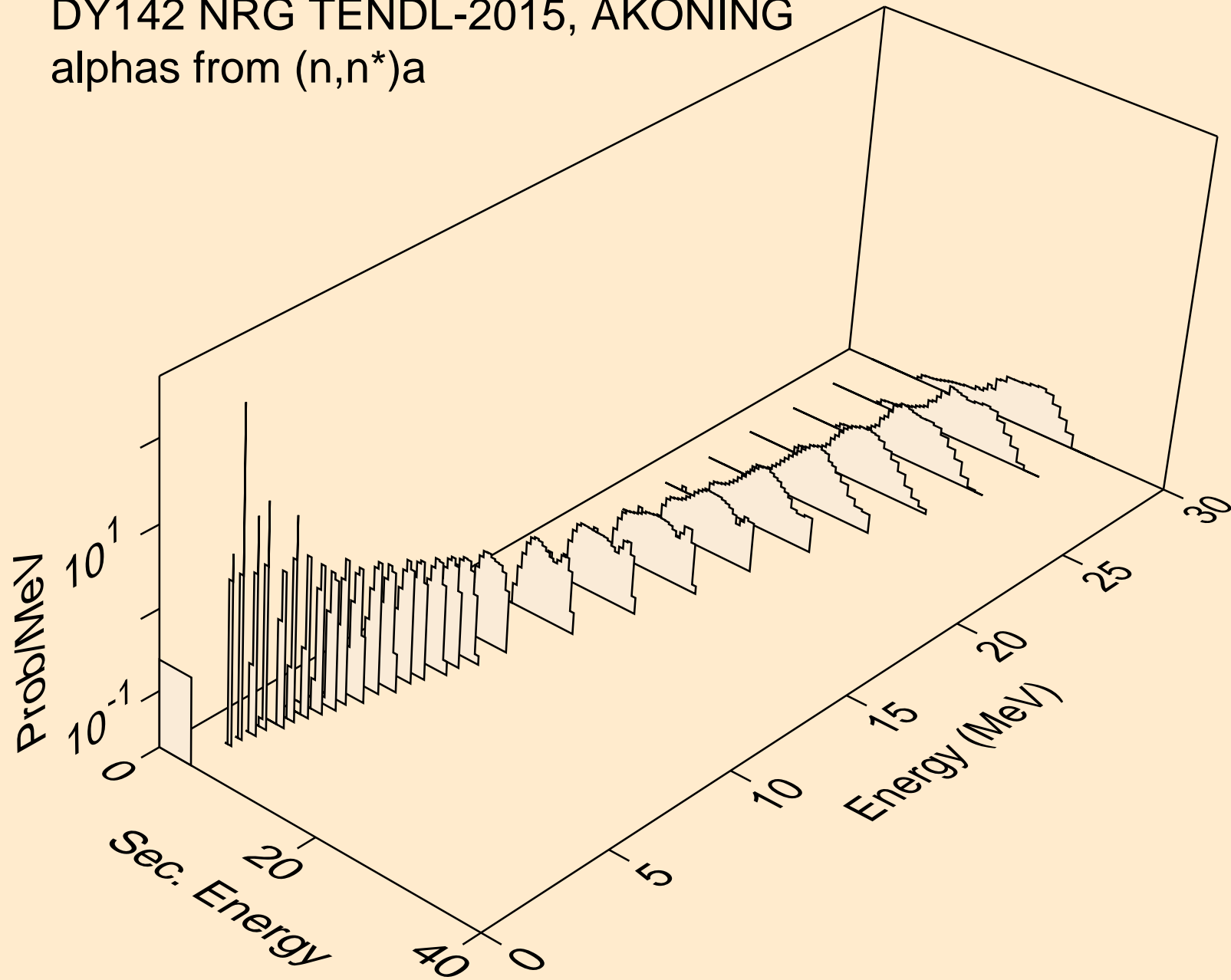
DY142 NRG TENDL-2015, AKONING  
he3s from (n,he3)



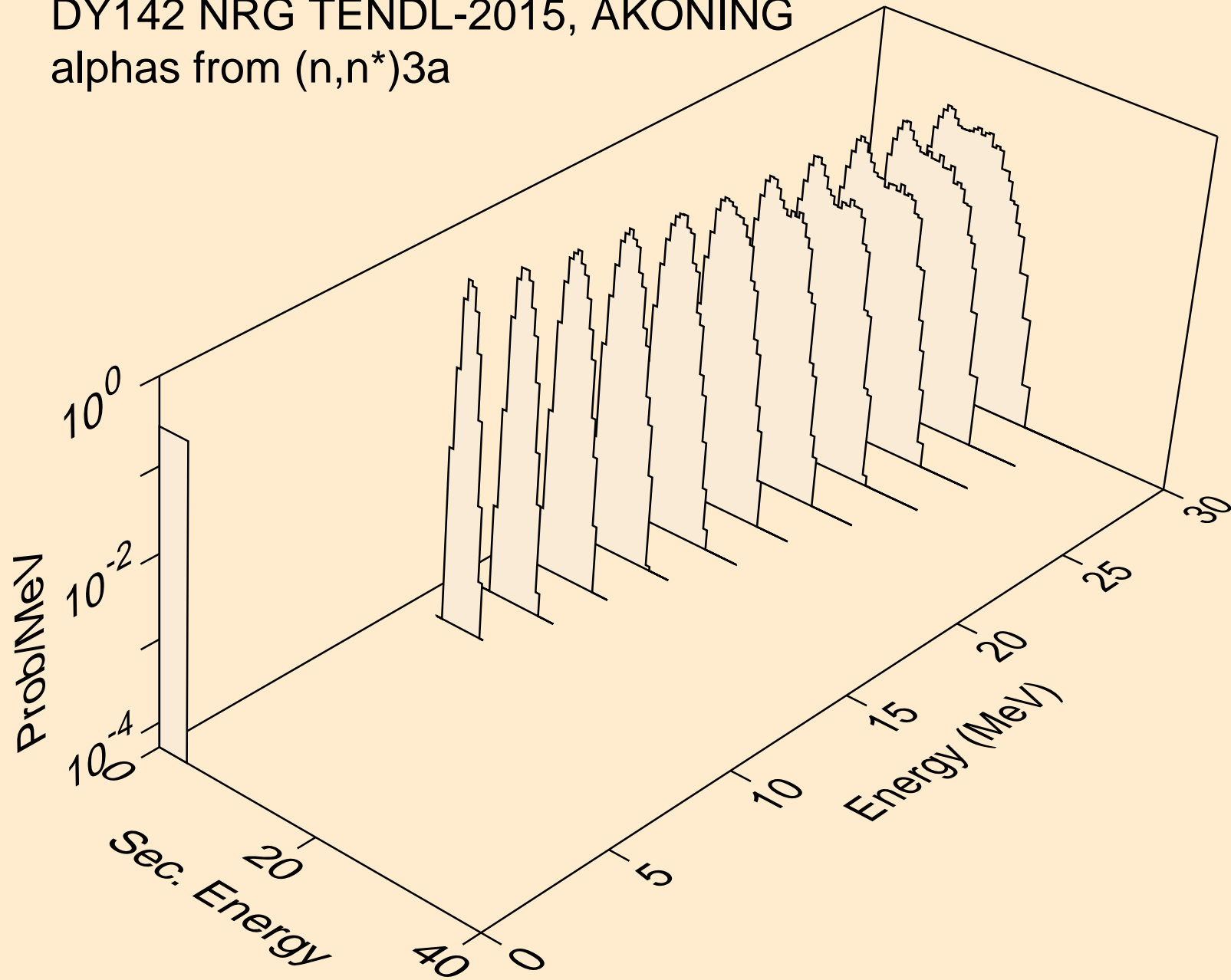
DY142 NRG TENDL-2015, AKONING  
alphas from (n,x)



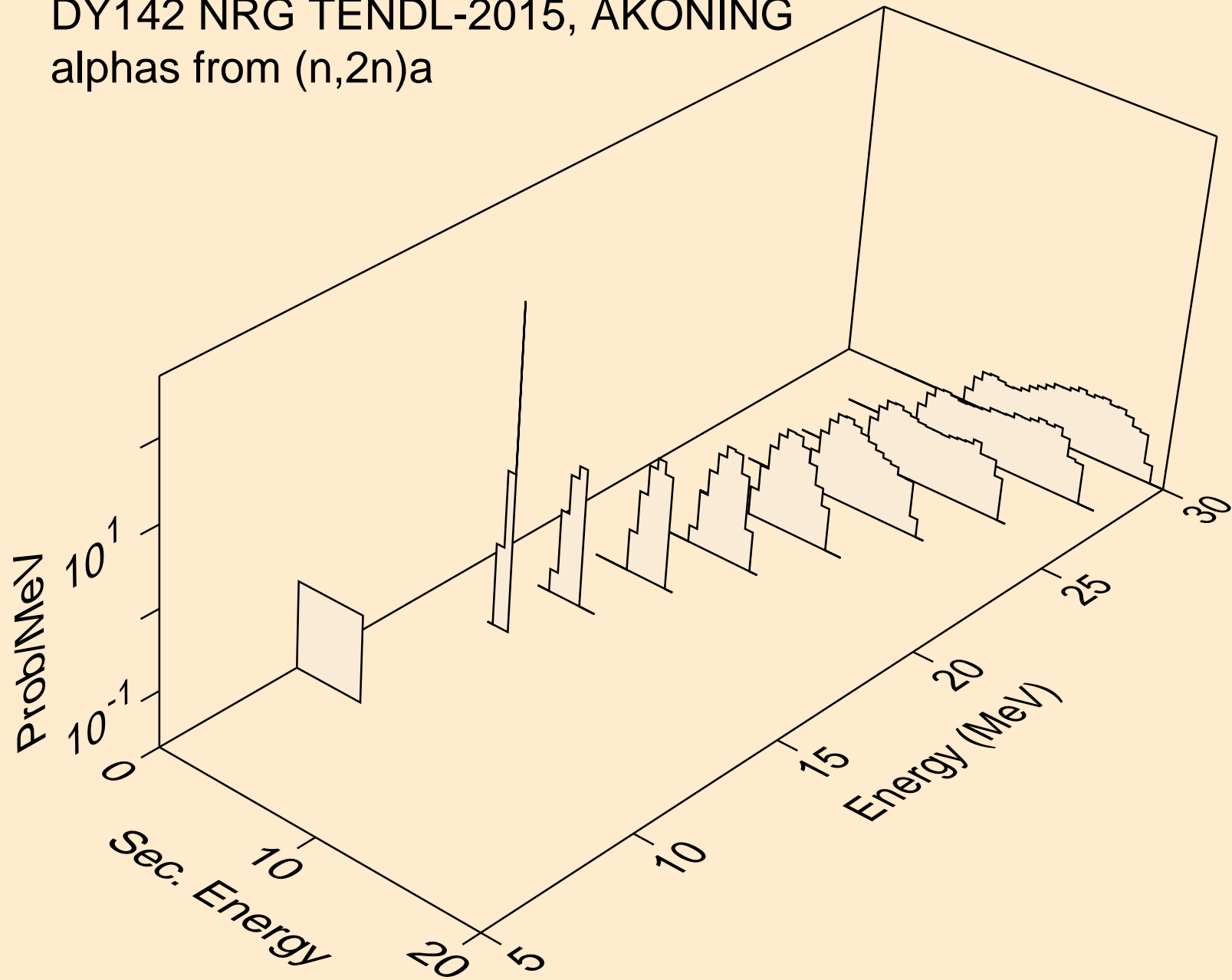
DY142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



DY142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

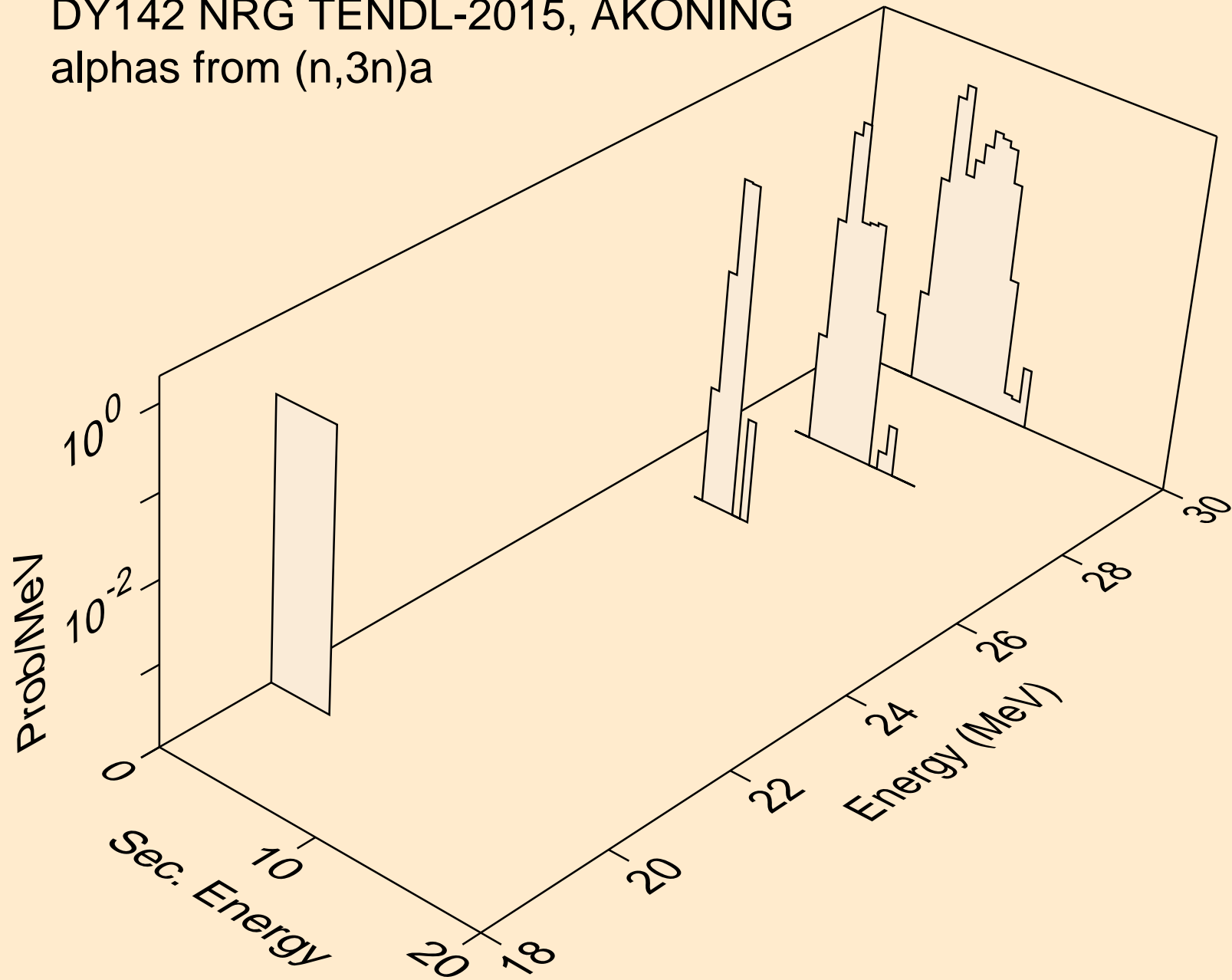


DY142 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

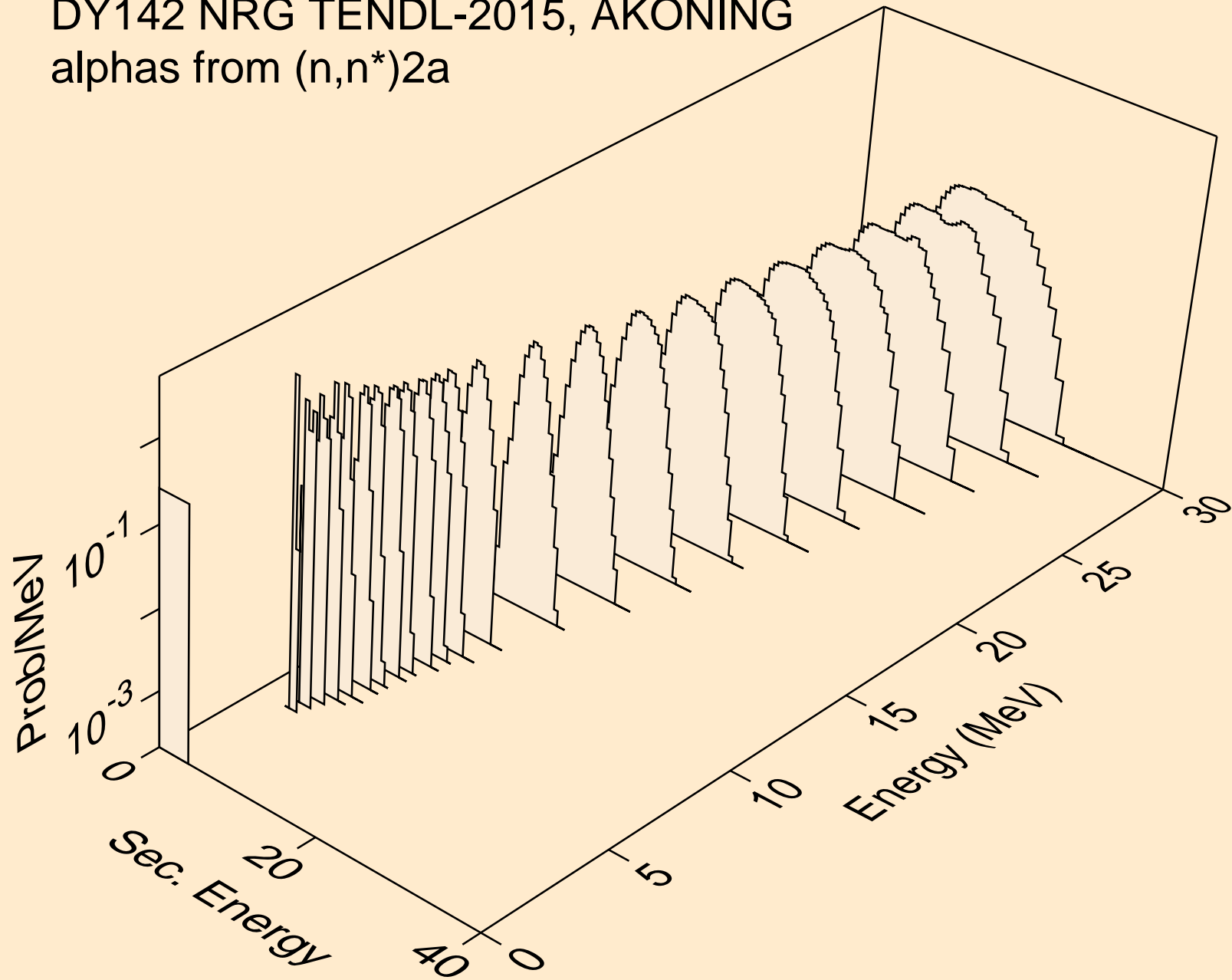




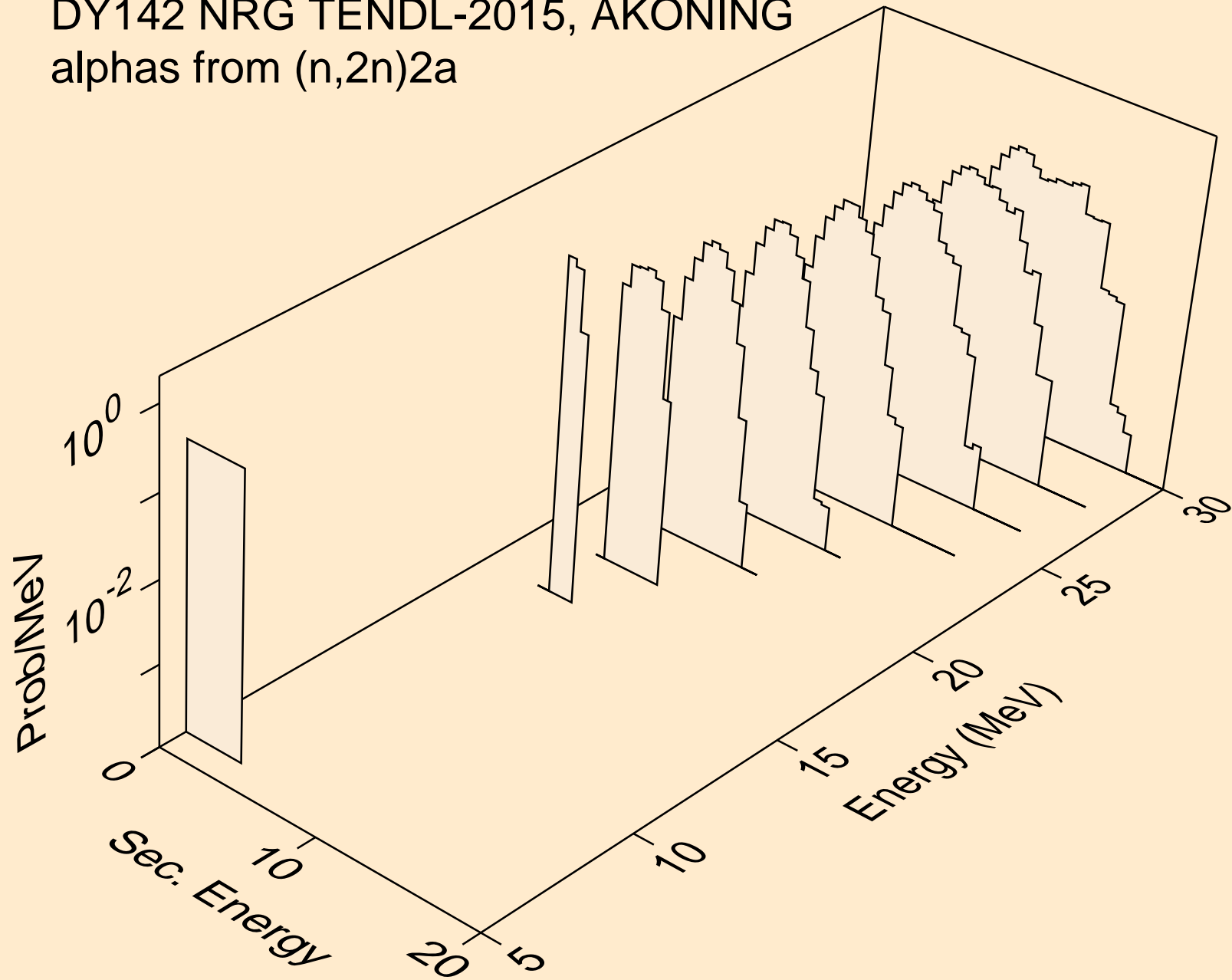
DY142 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



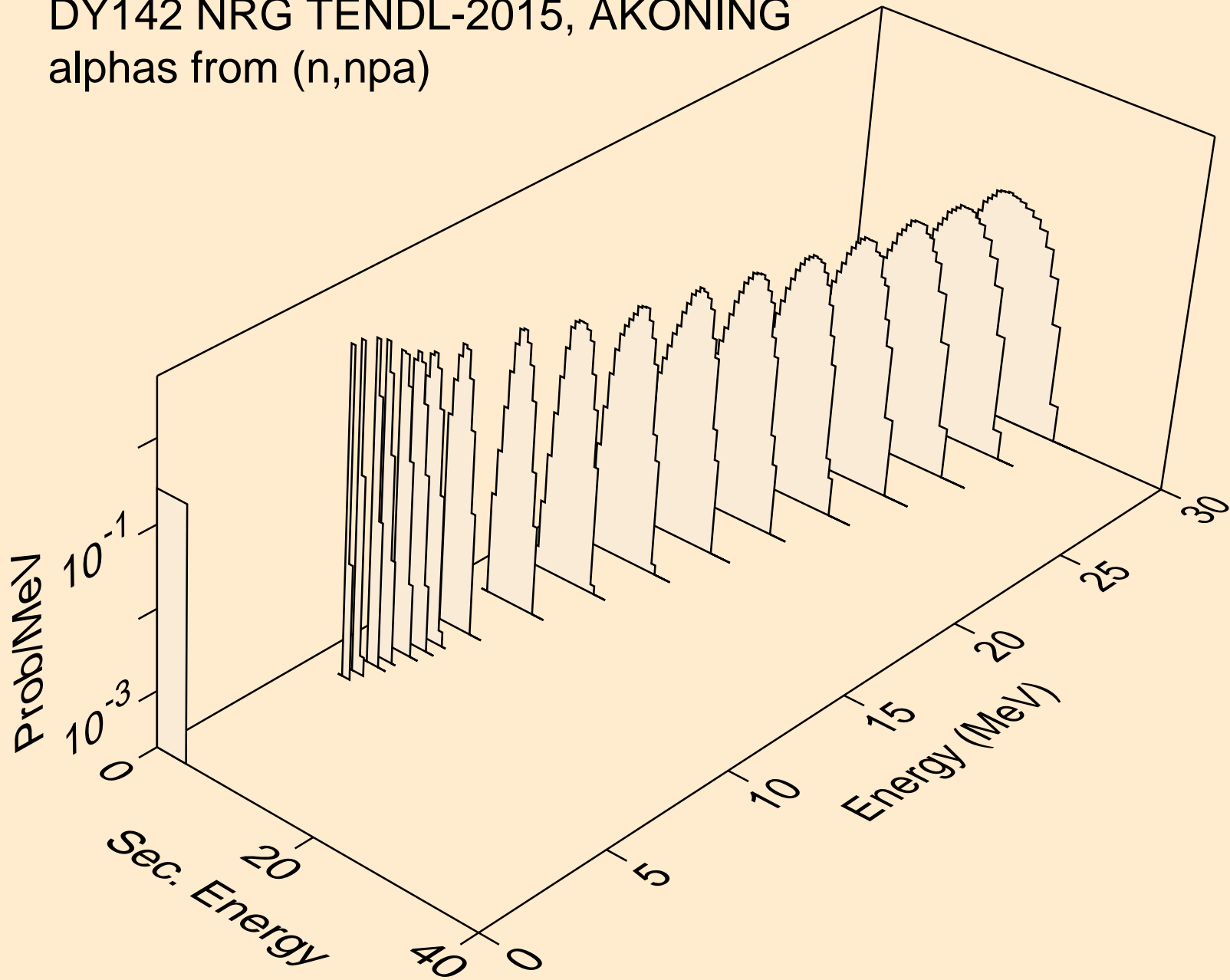
DY142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



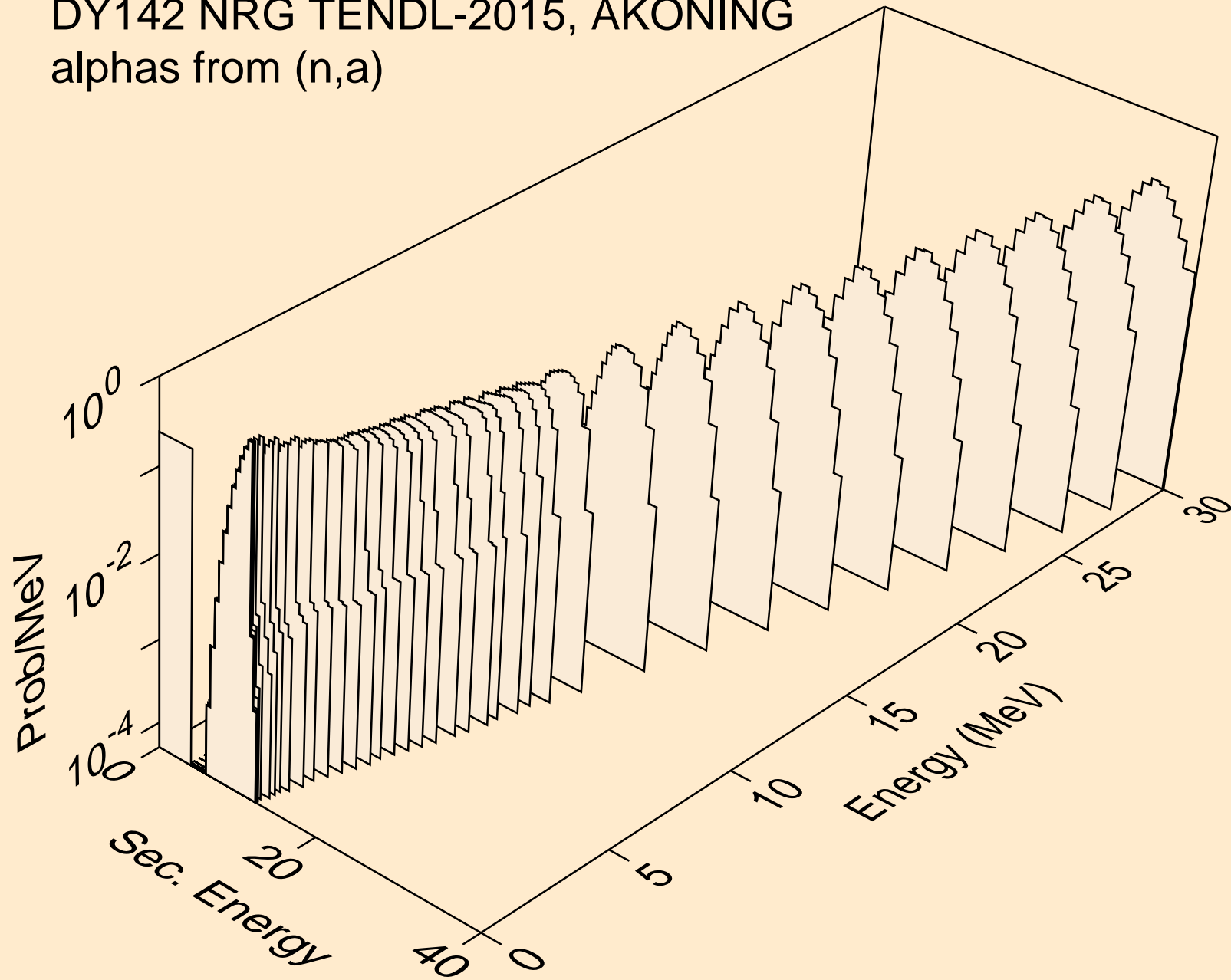
DY142 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



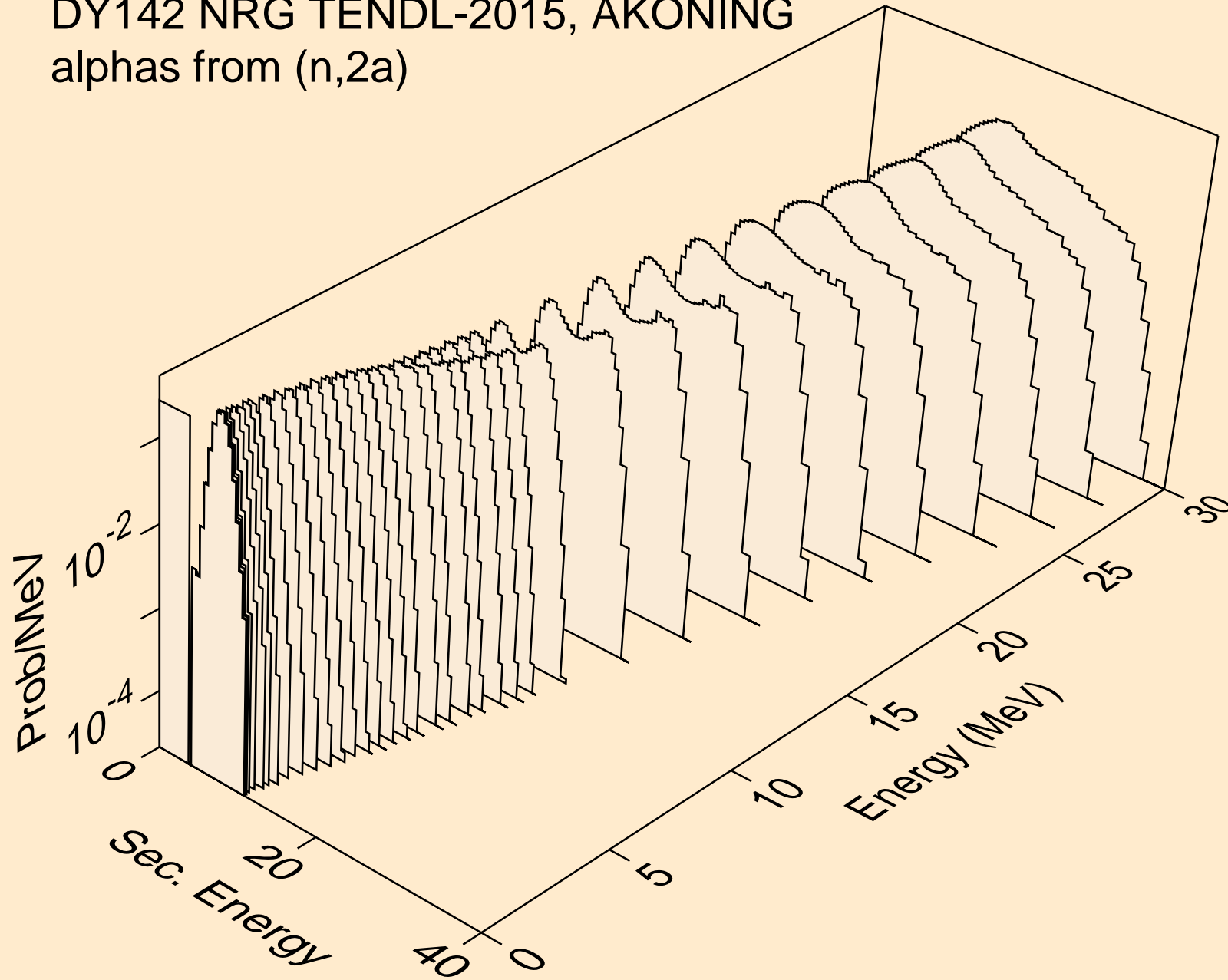
DY142 NRG TENDL-2015, AKONING  
alphas from (n,npa)



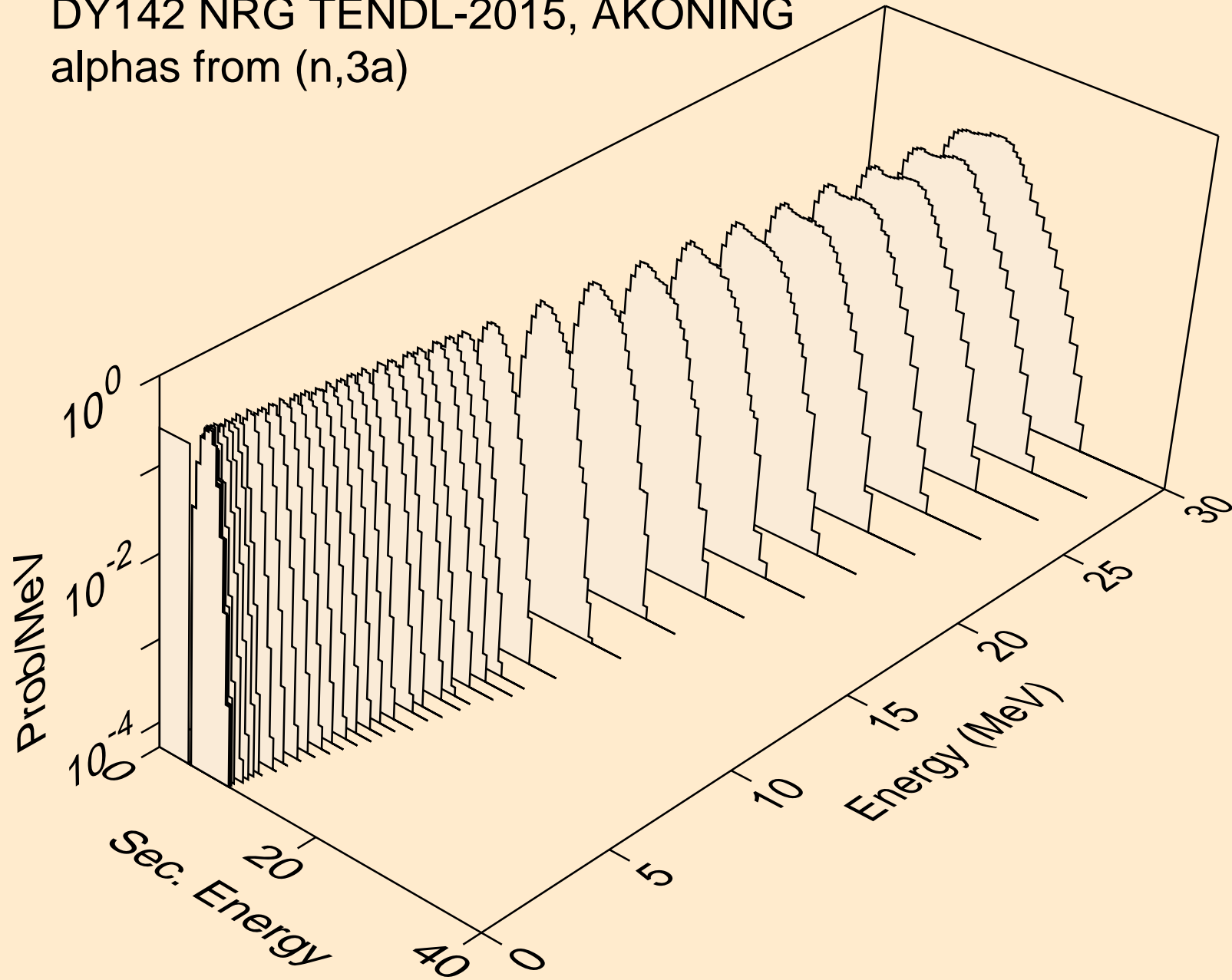
DY142 NRG TENDL-2015, AKONING  
alphas from (n,a)



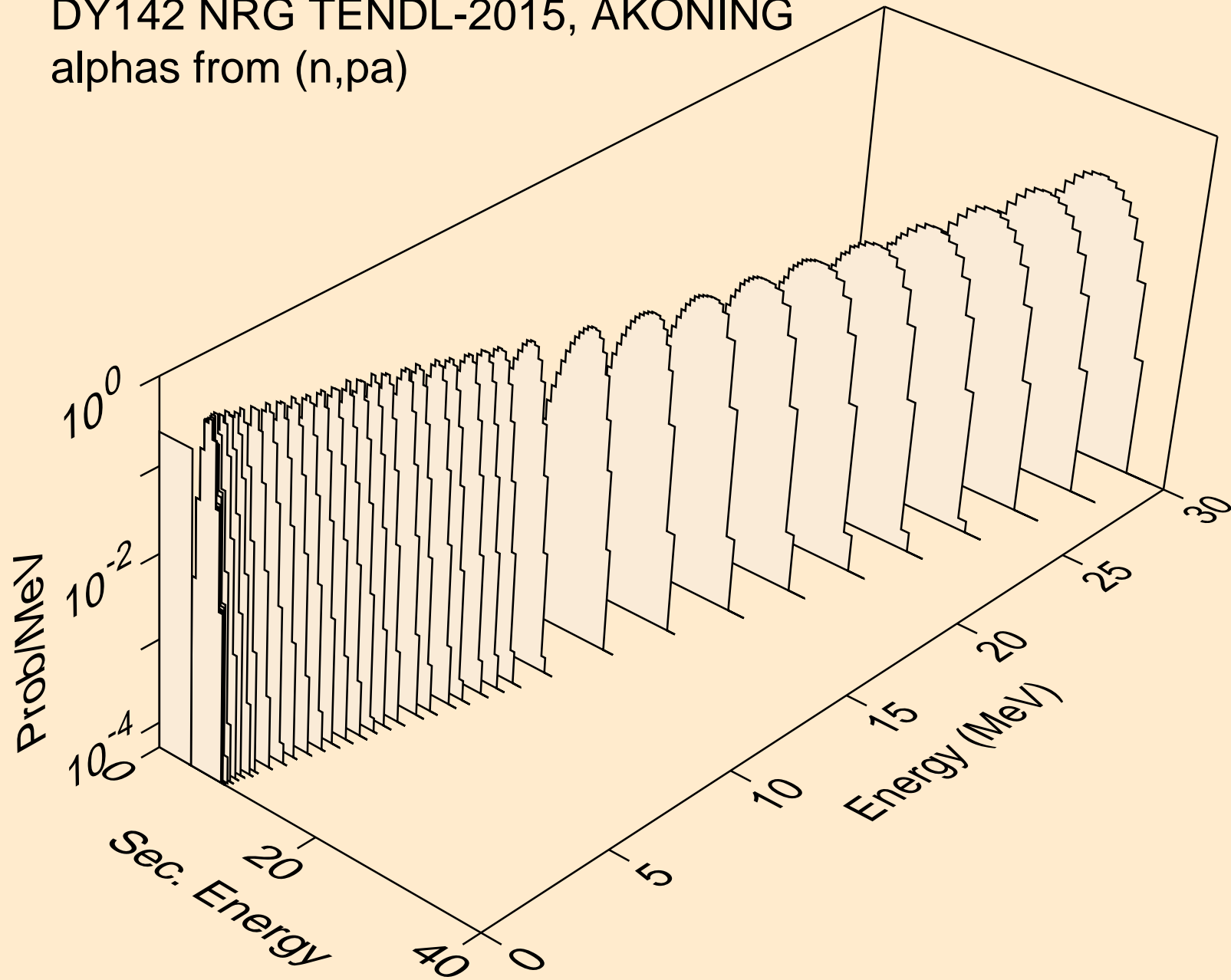
DY142 NRG TENDL-2015, AKONING  
alphas from (n,2a)



DY142 NRG TENDL-2015, AKONING  
alphas from (n,3a)

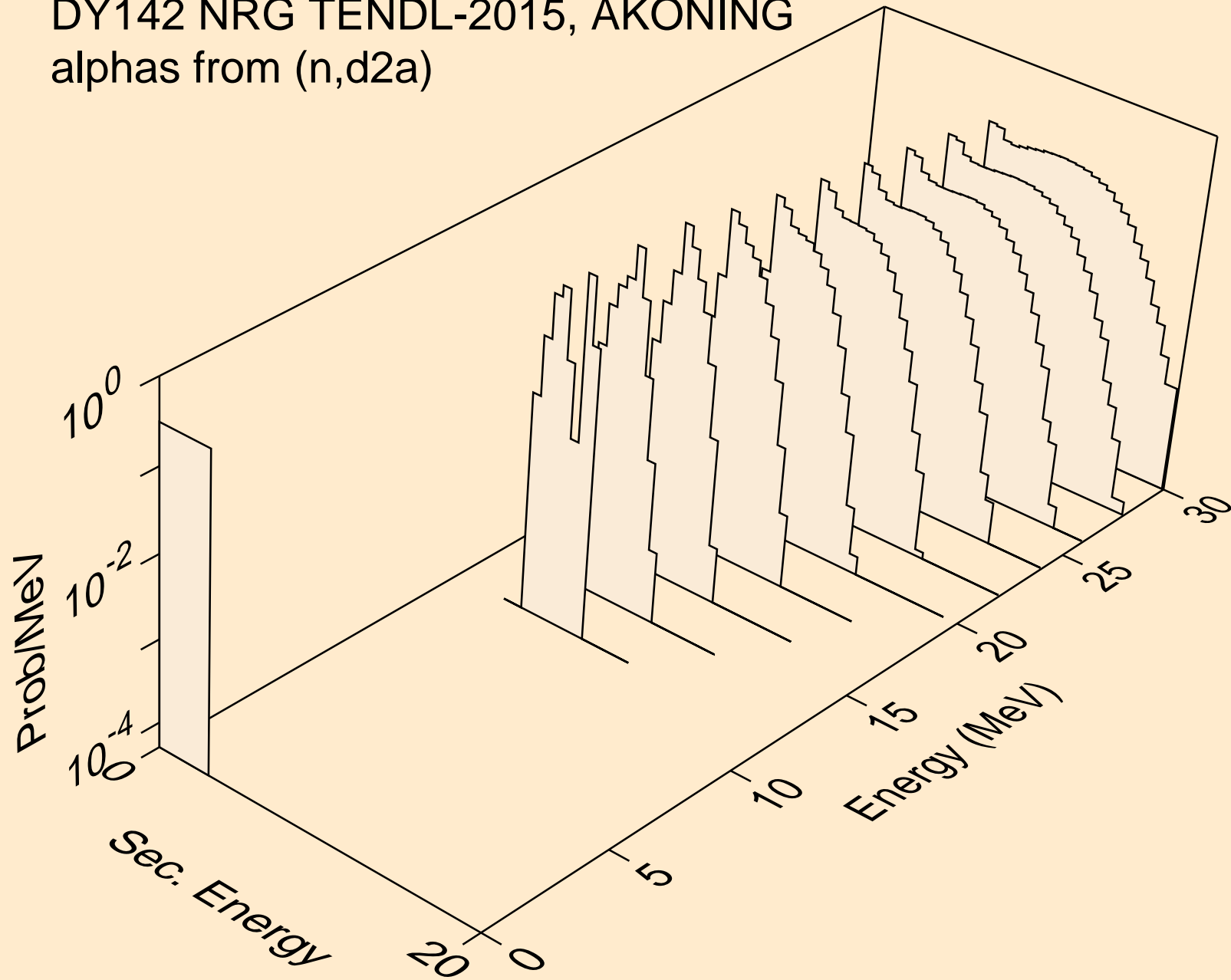


DY142 NRG TENDL-2015, AKONING  
alphas from (n,pa)





DY142 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



DY142 NRG TENDL-2015, AKONING  
alphas from (n,da)

