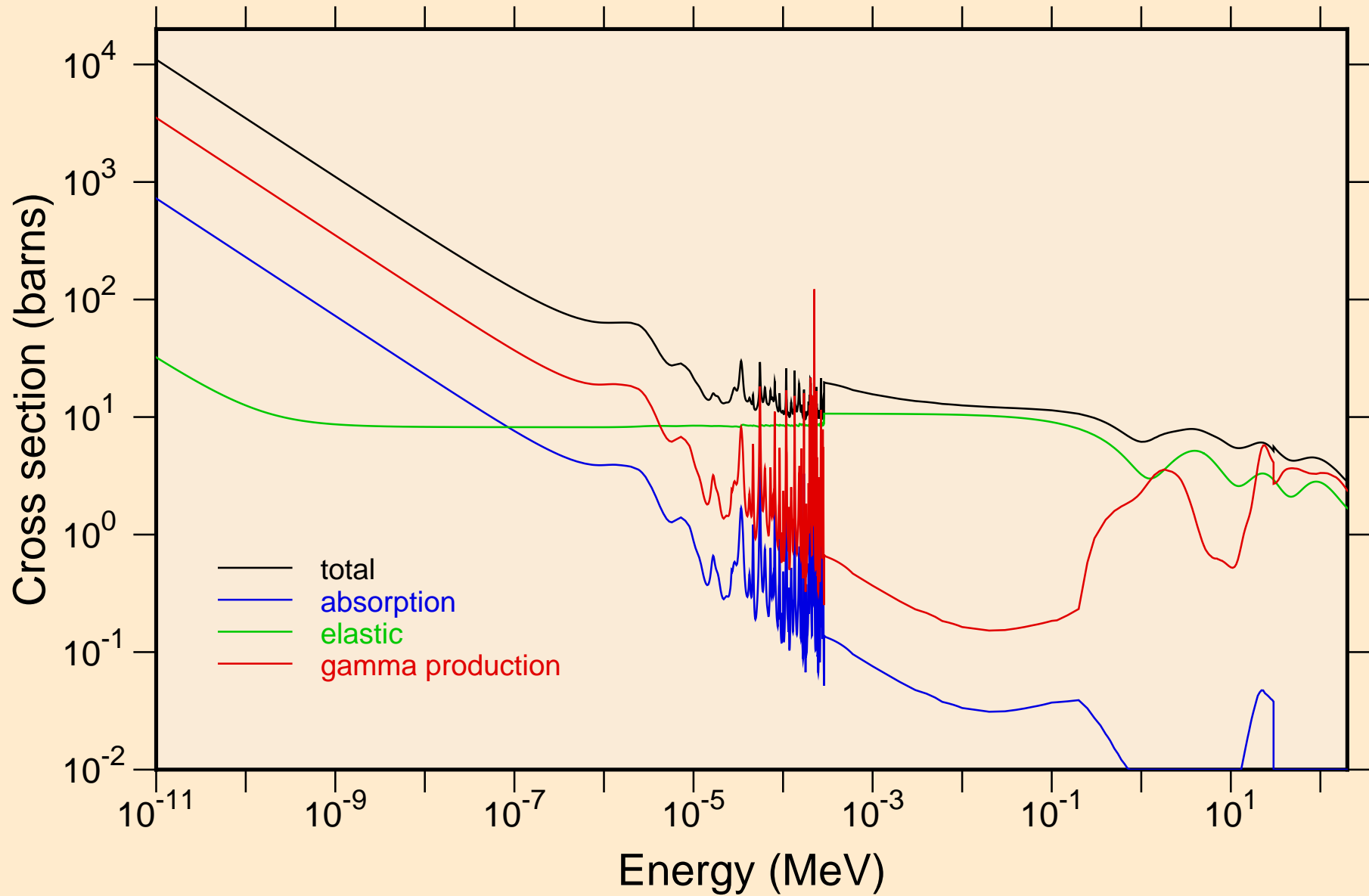
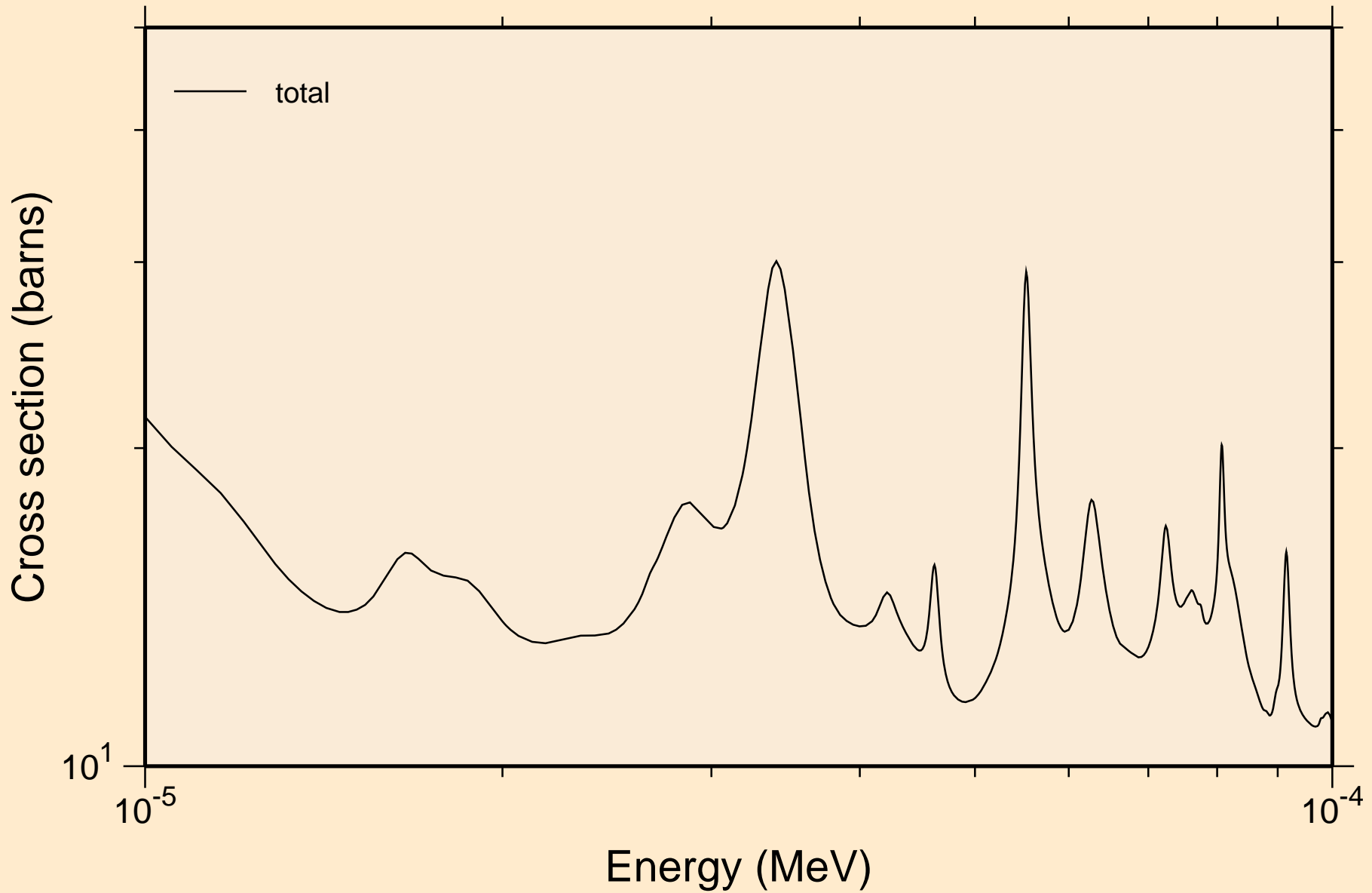


# PA228 NRG TENDL-2015, AKONING

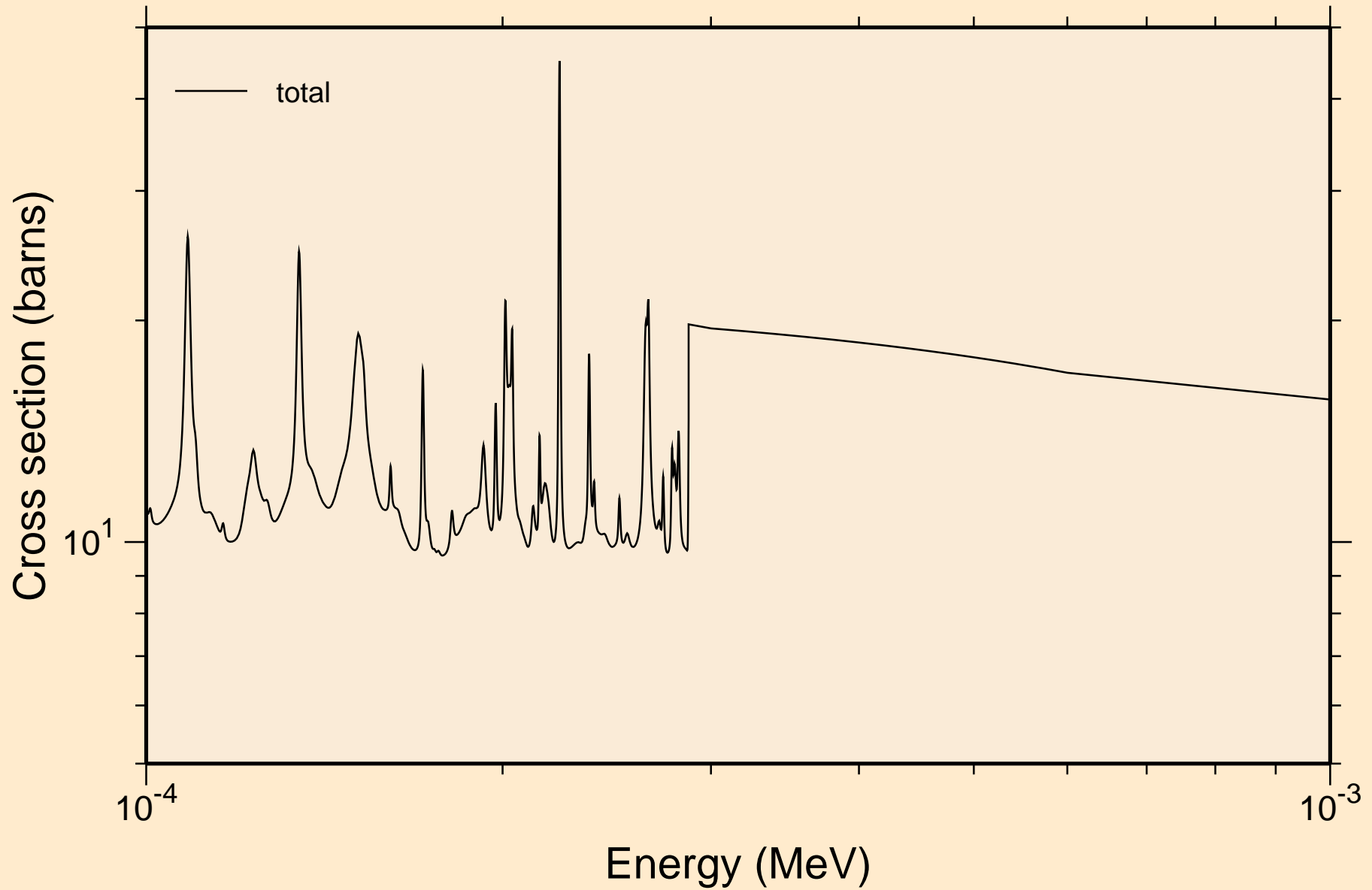
## Principal cross sections



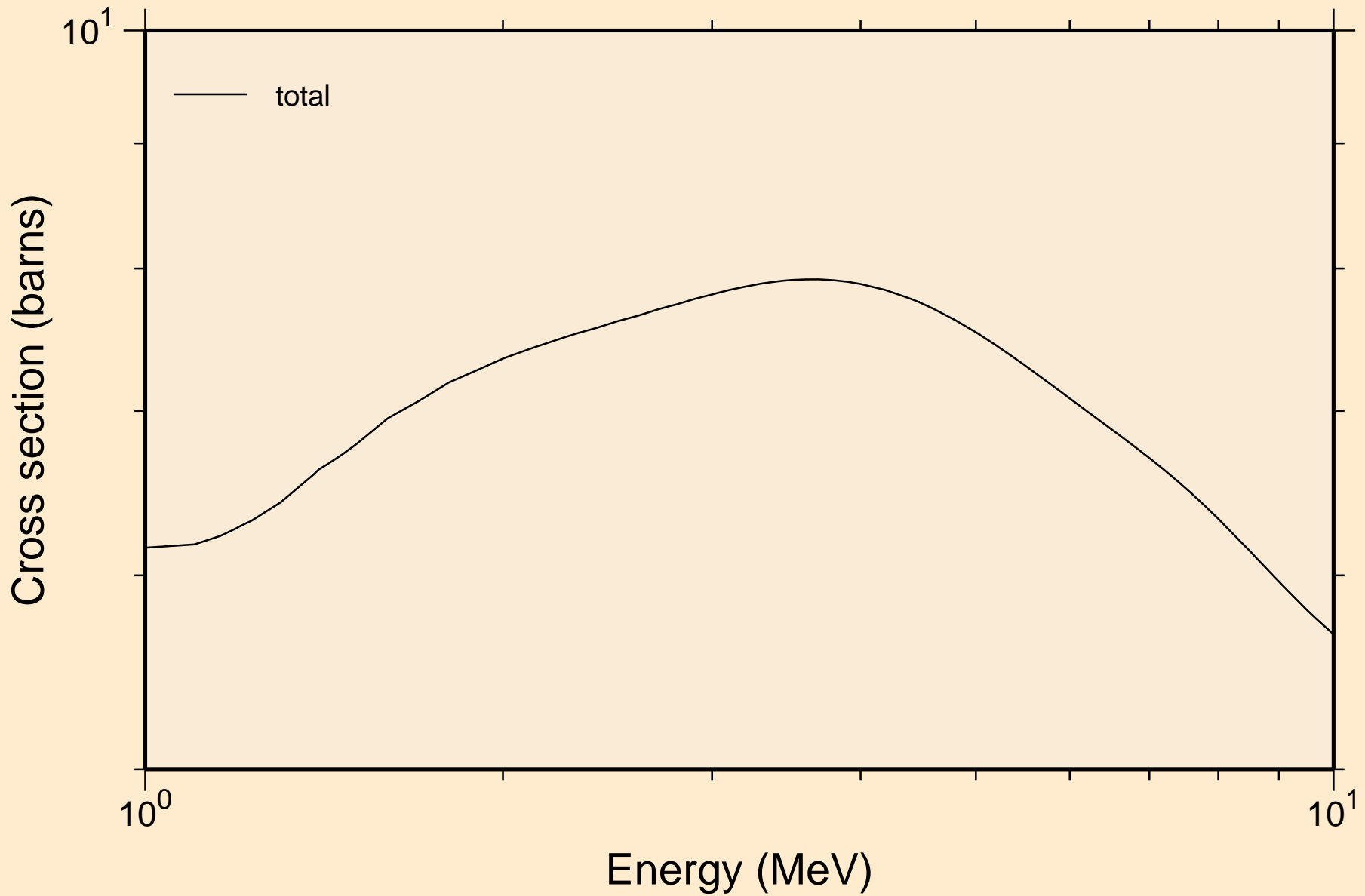
PA228 NRG TENDL-2015, AKONING  
resonance total cross section



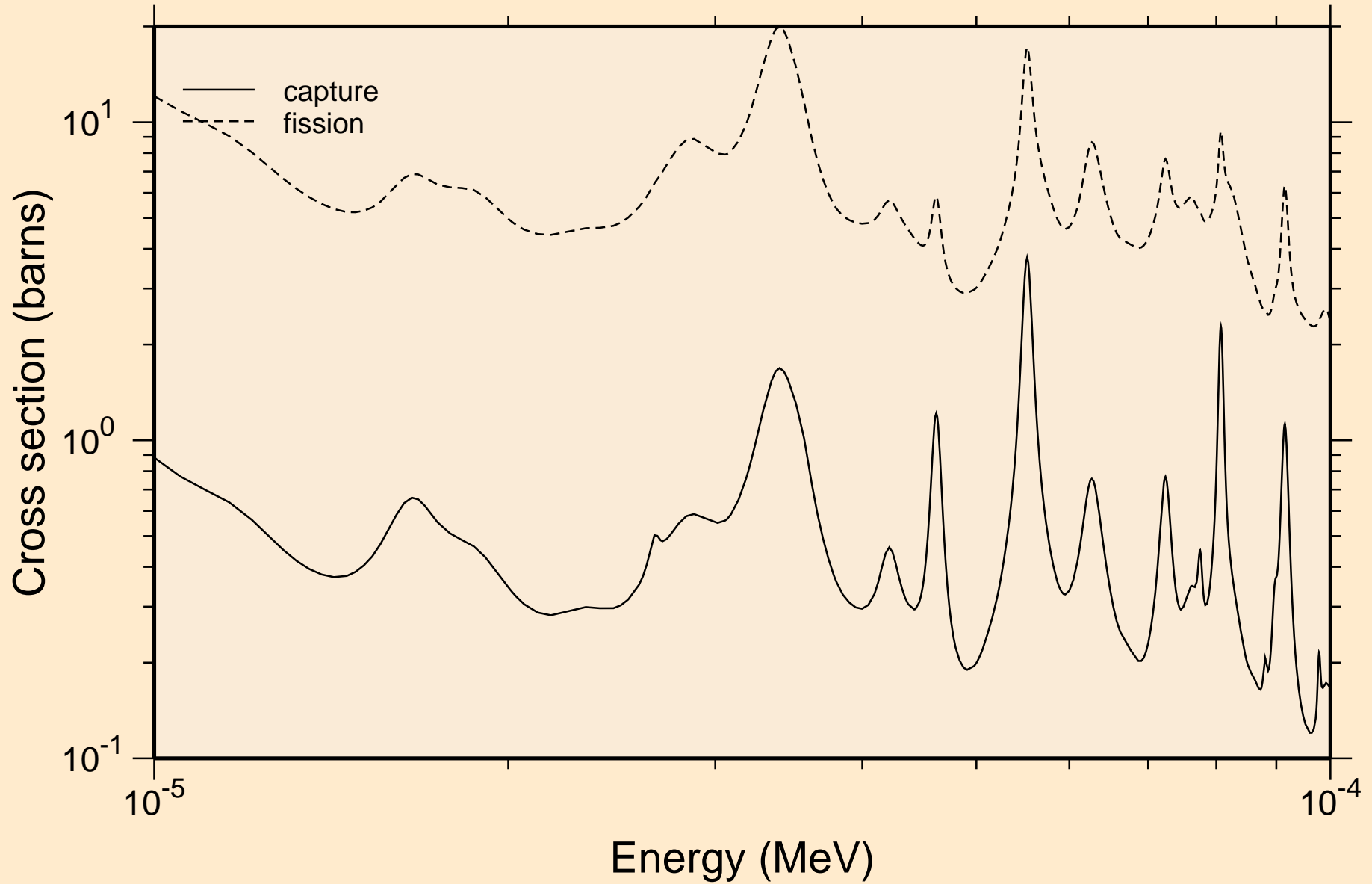
PA228 NRG TENDL-2015, AKONING  
resonance total cross section



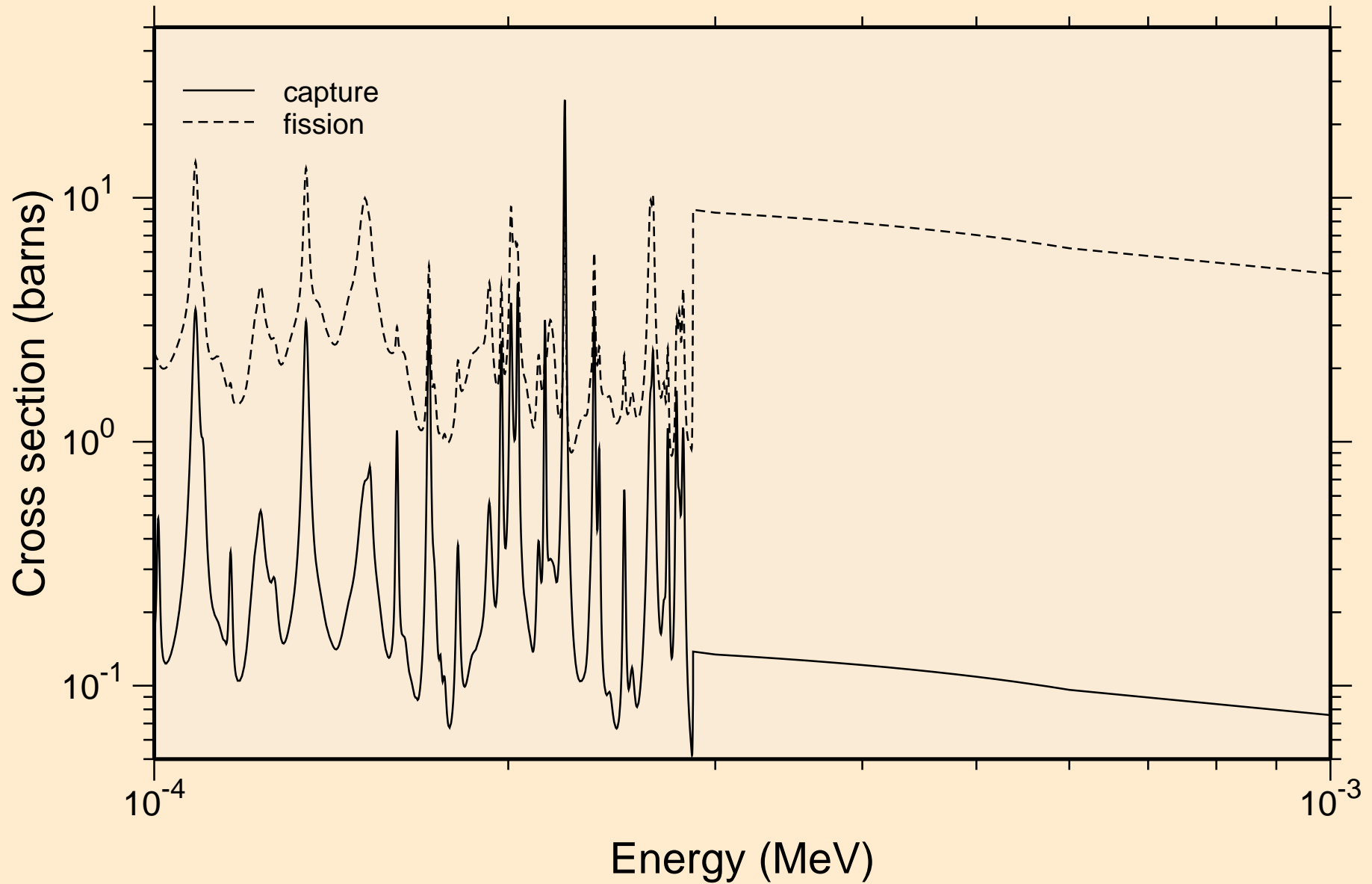
PA228 NRG TENDL-2015, AKONING  
resonance total cross section



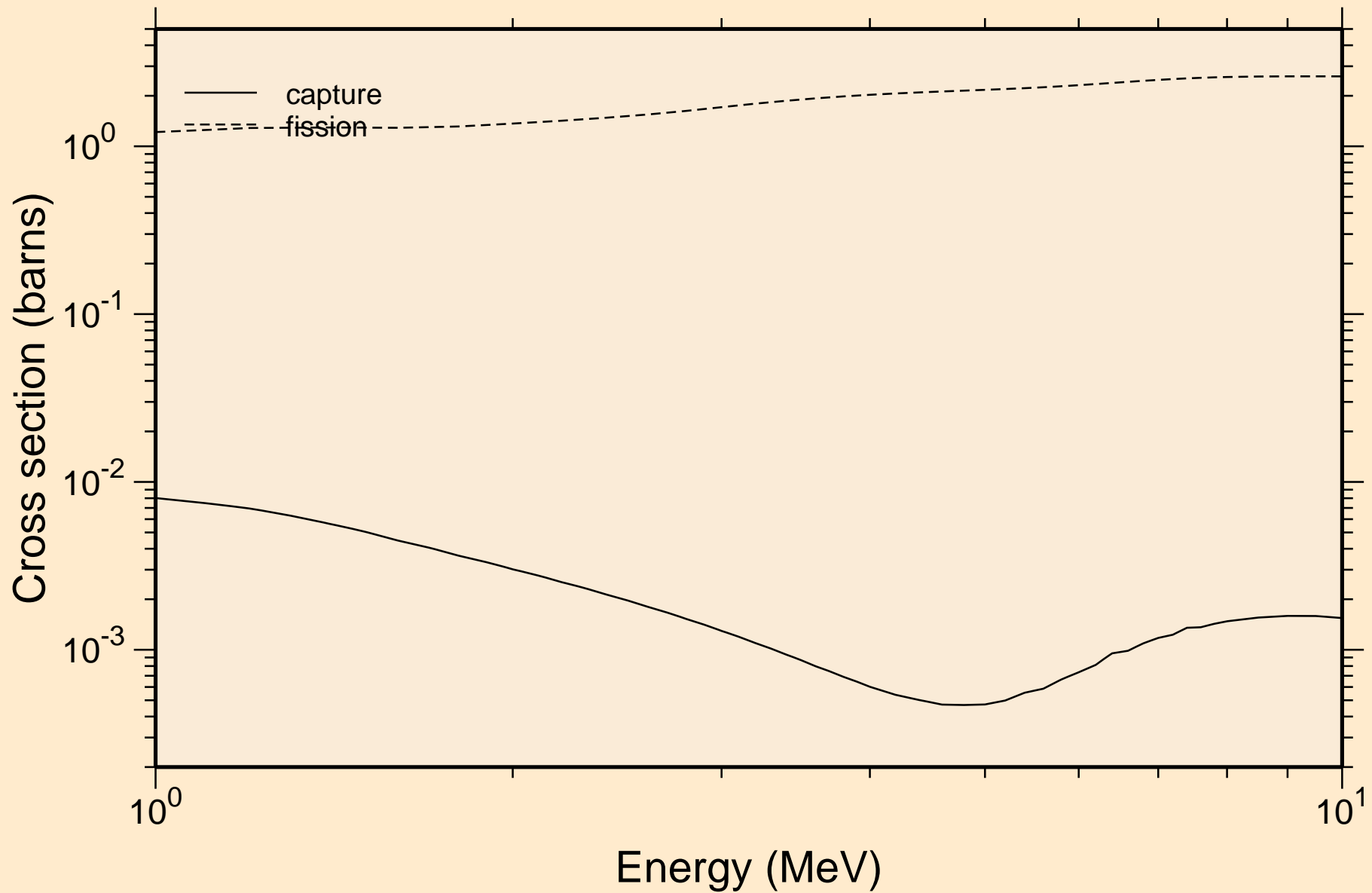
PA228 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PA228 NRG TENDL-2015, AKONING  
resonance absorption cross sections

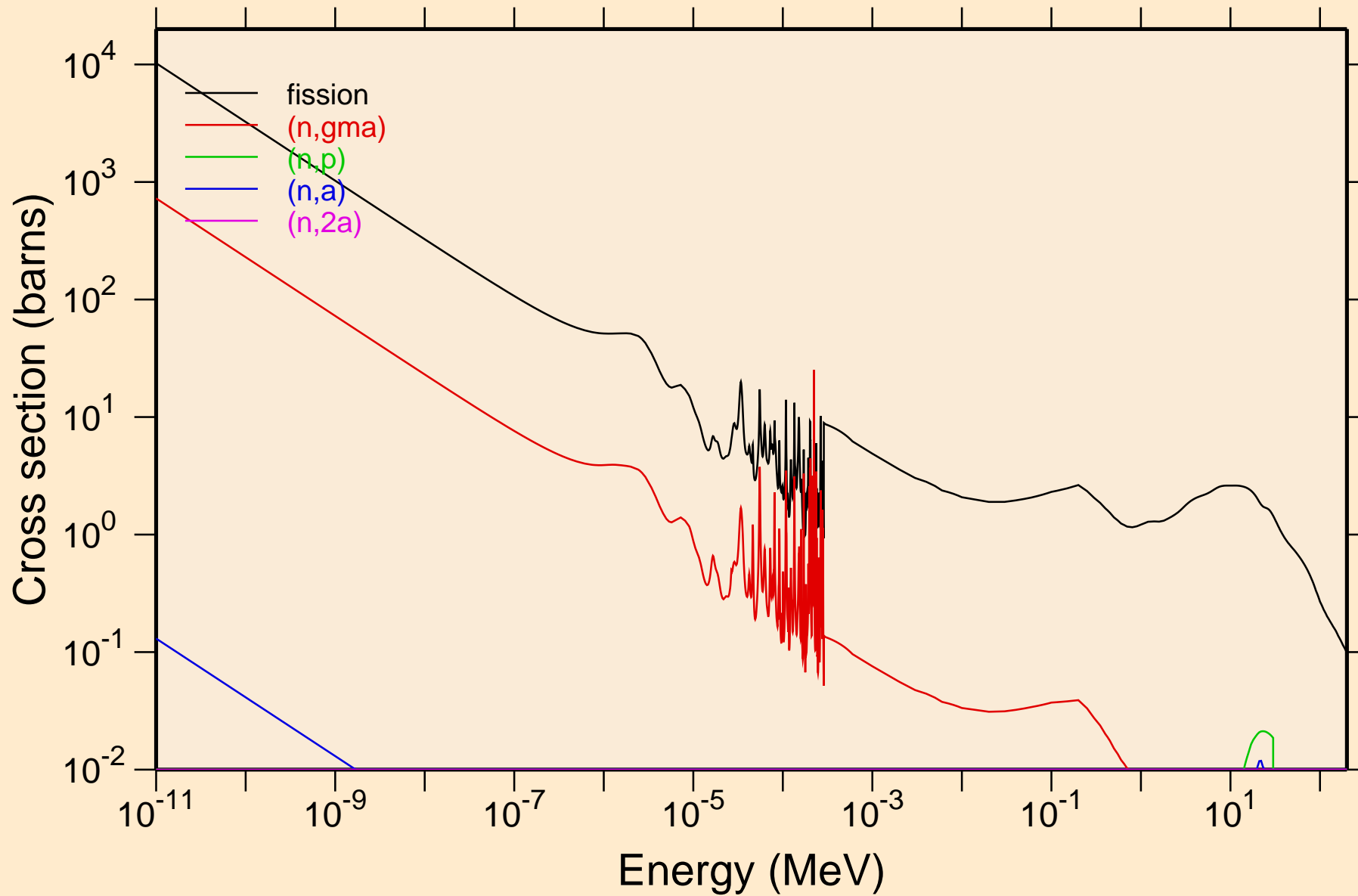


PA228 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# PA228 NRG TENDL-2015, AKONING

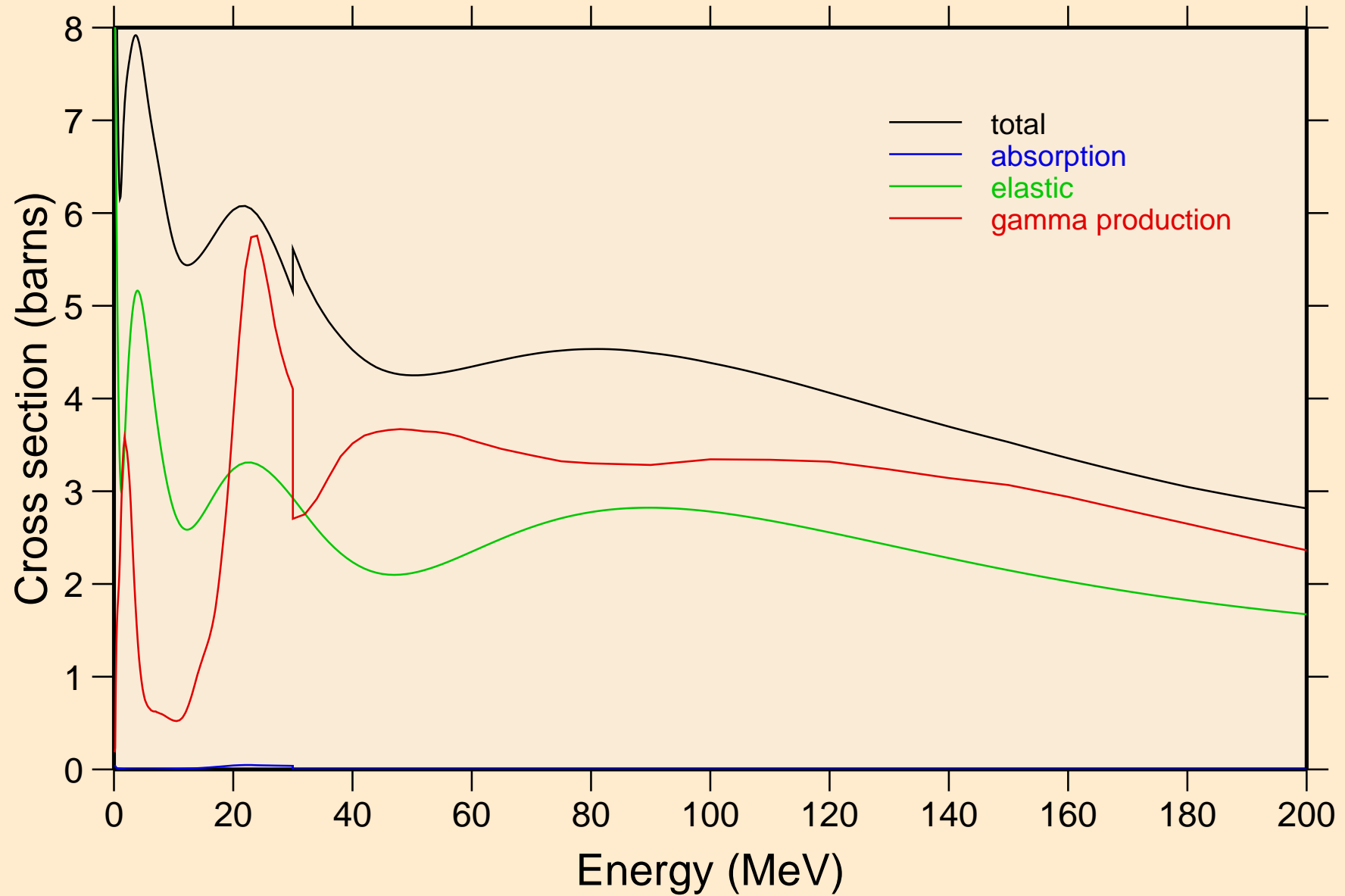
## Non-threshold reactions





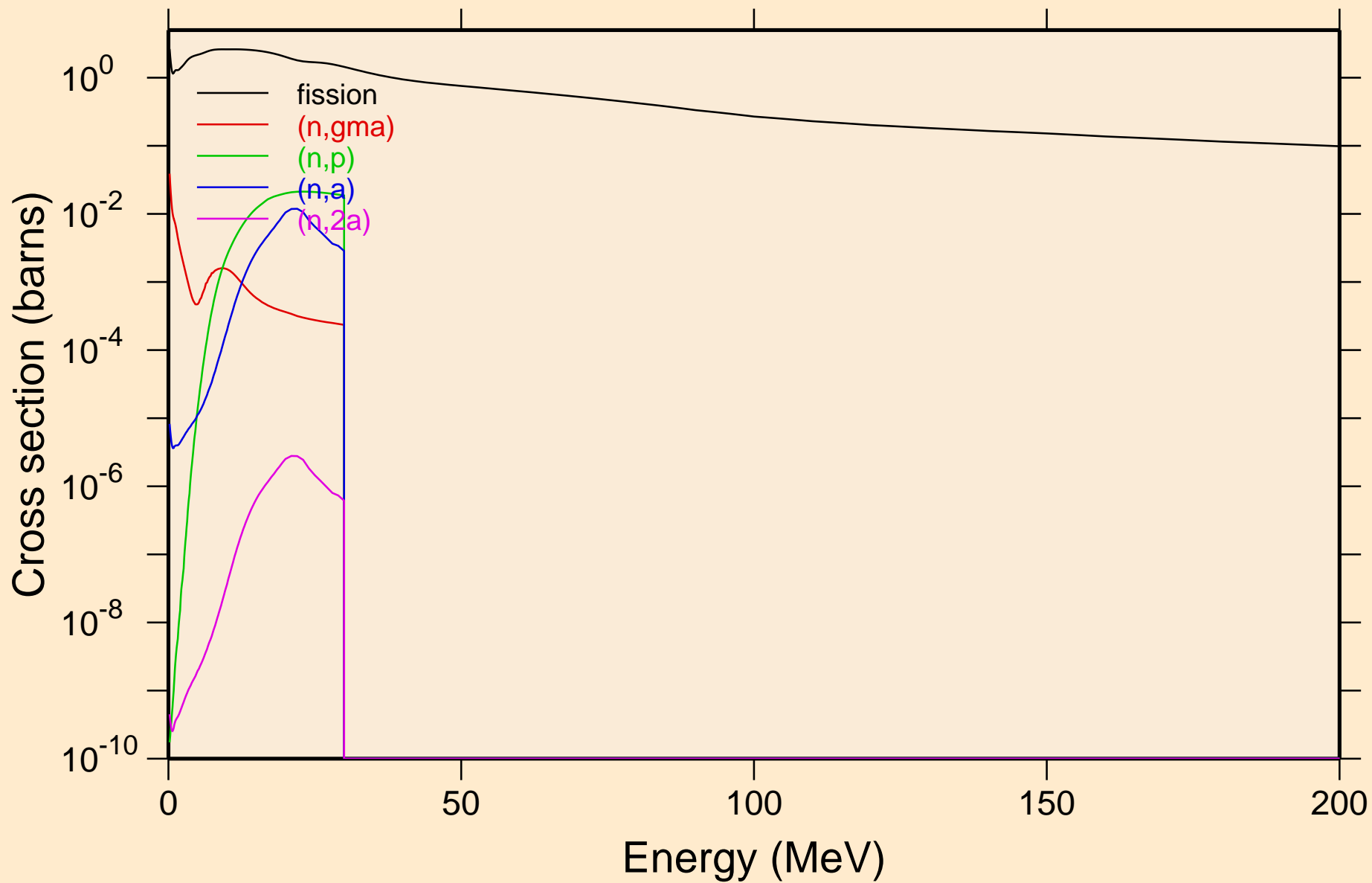
# PA228 NRG TENDL-2015, AKONING

## Principal cross sections

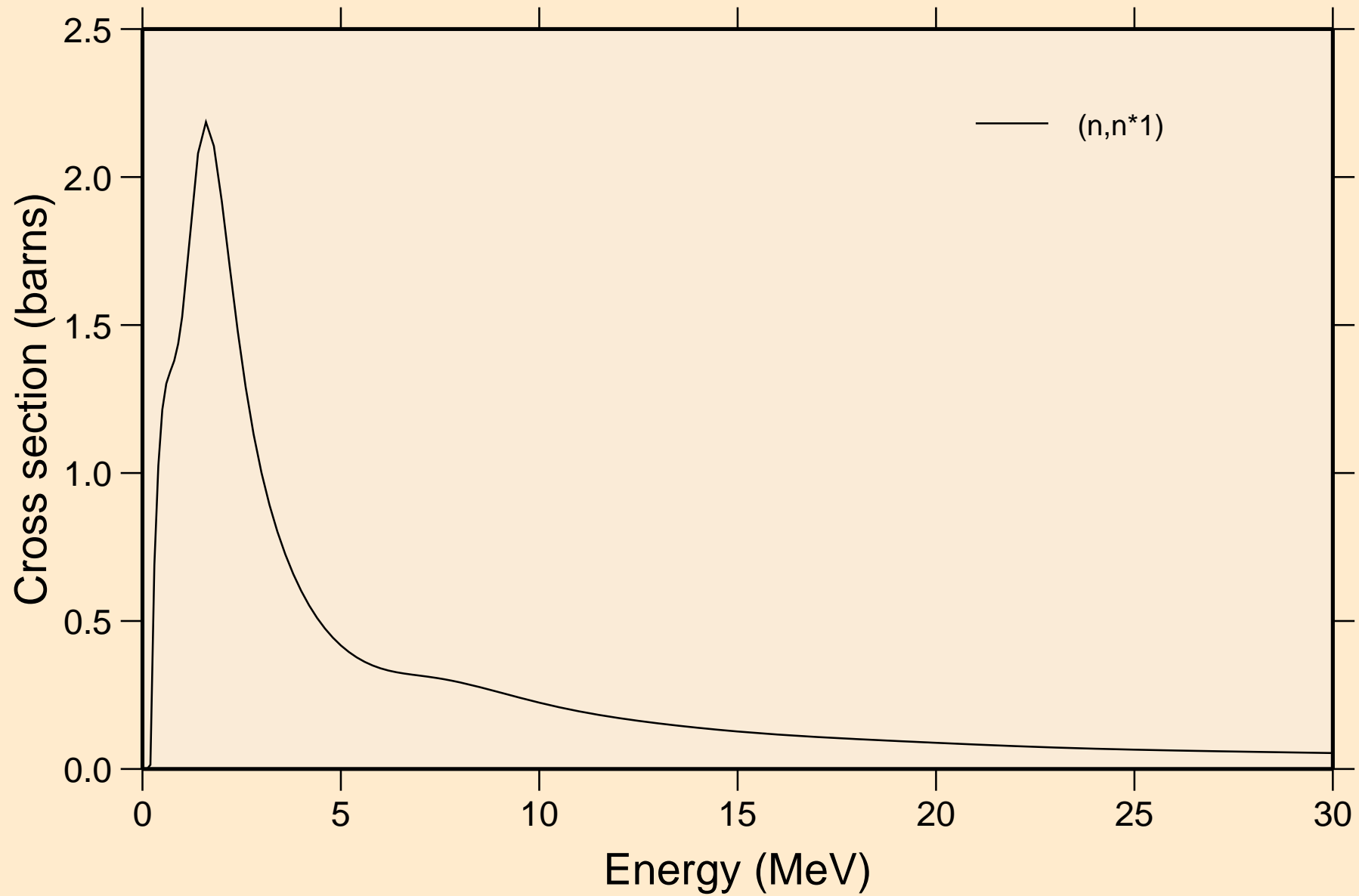


# PA228 NRG TENDL-2015, AKONING

## Non-threshold reactions

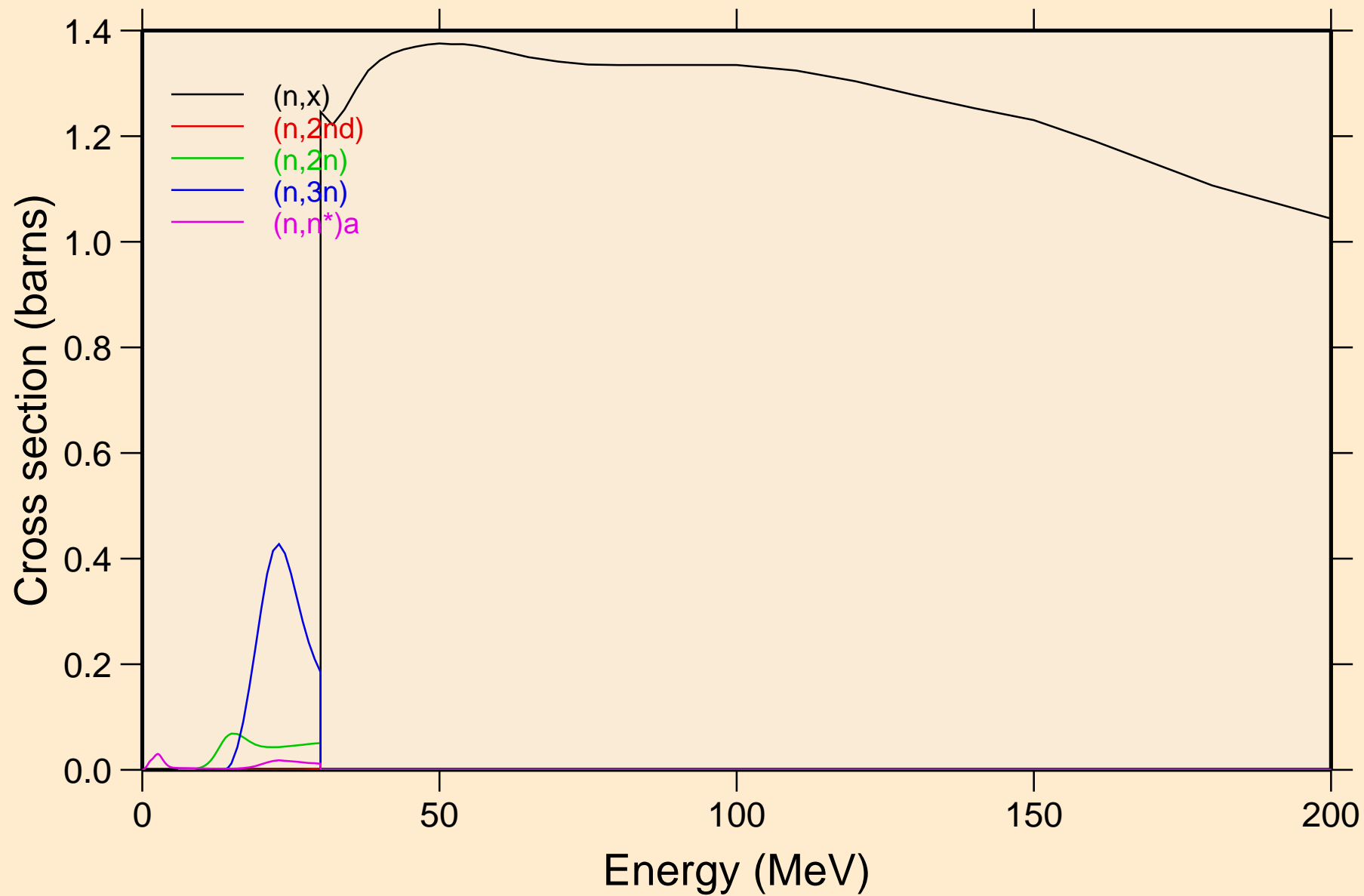


PA228 NRG TENDL-2015, AKONING  
Inelastic levels



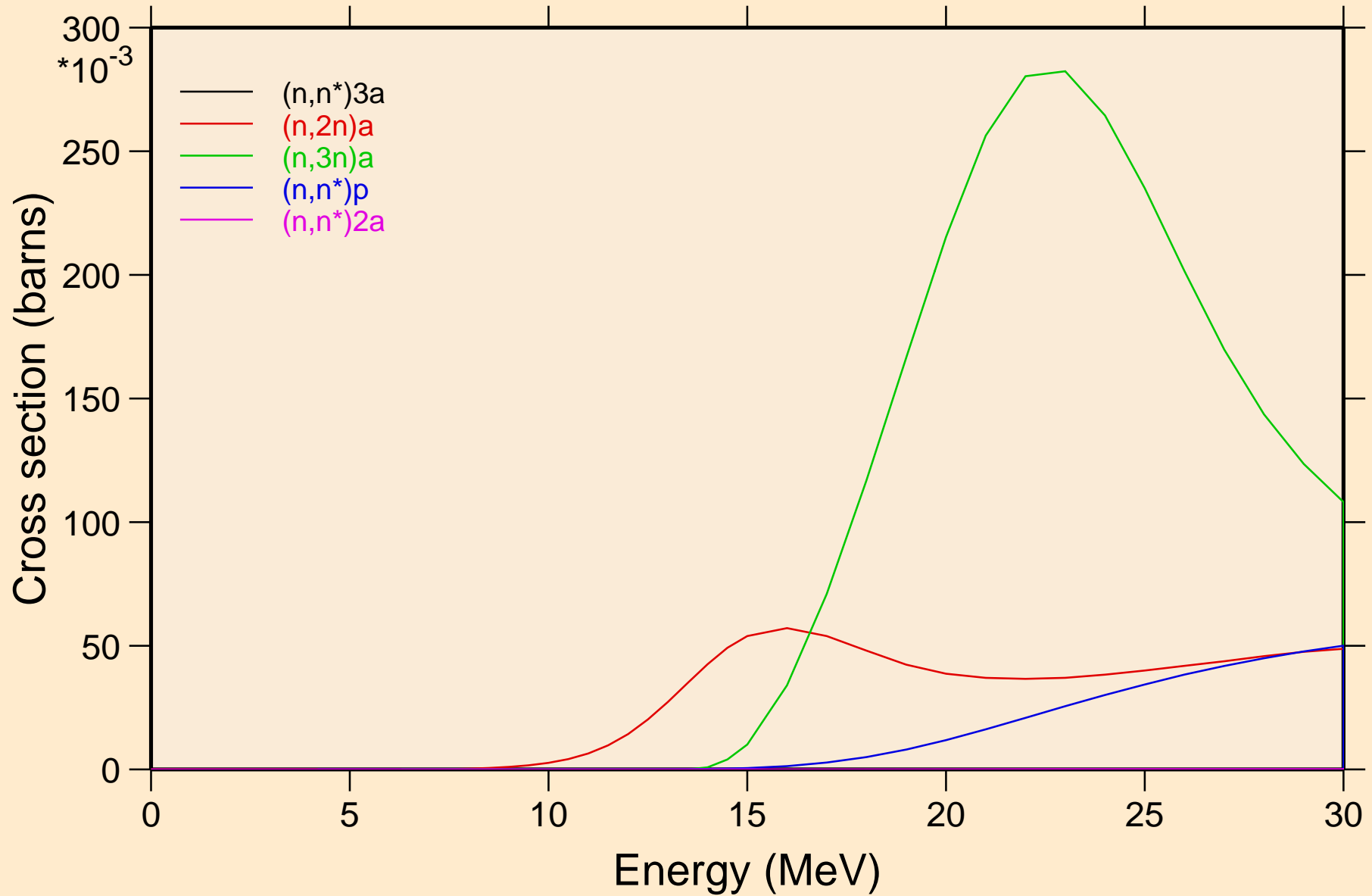
# PA228 NRG TENDL-2015, AKONING

## Threshold reactions



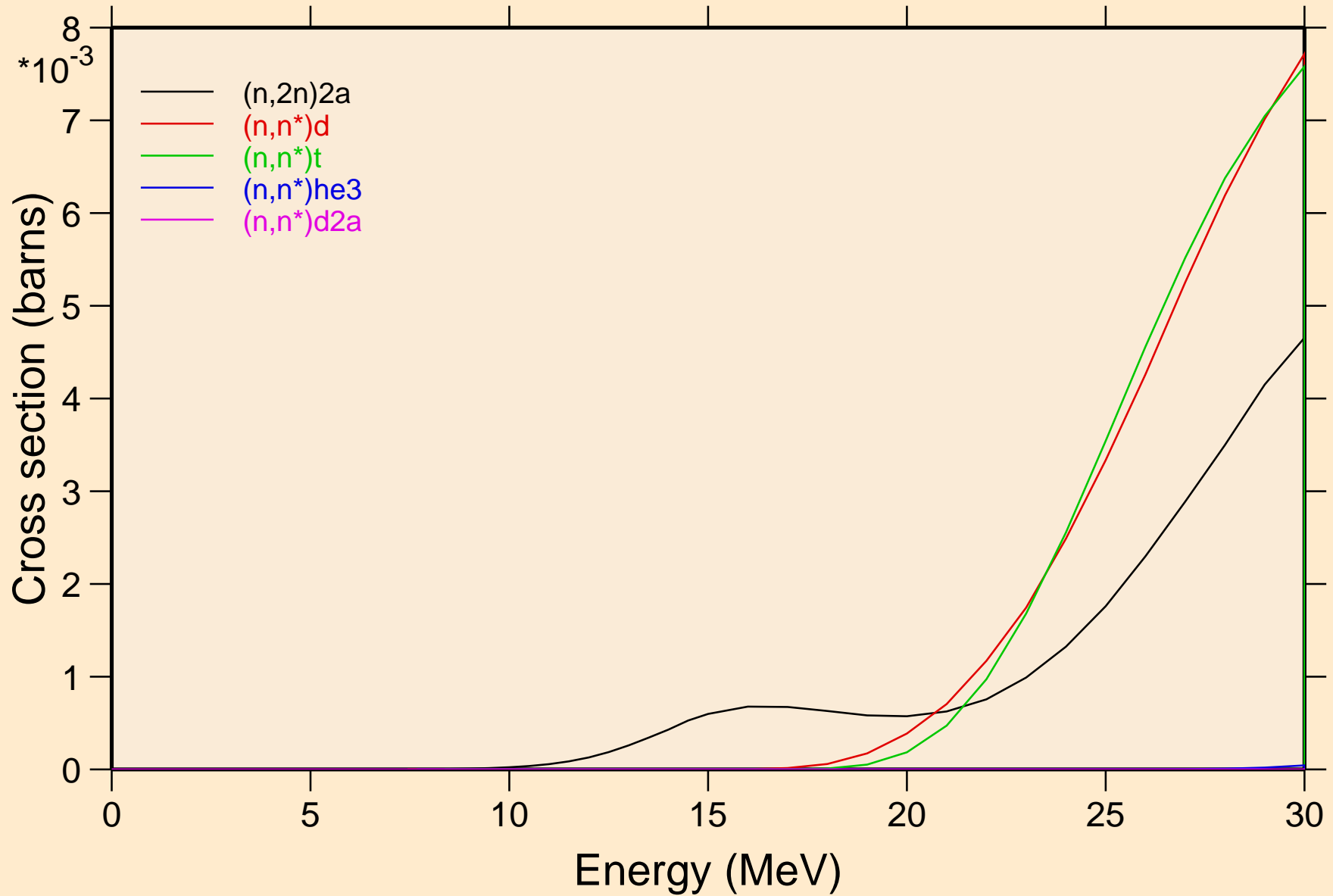
# PA228 NRG TENDL-2015, AKONING

## Threshold reactions



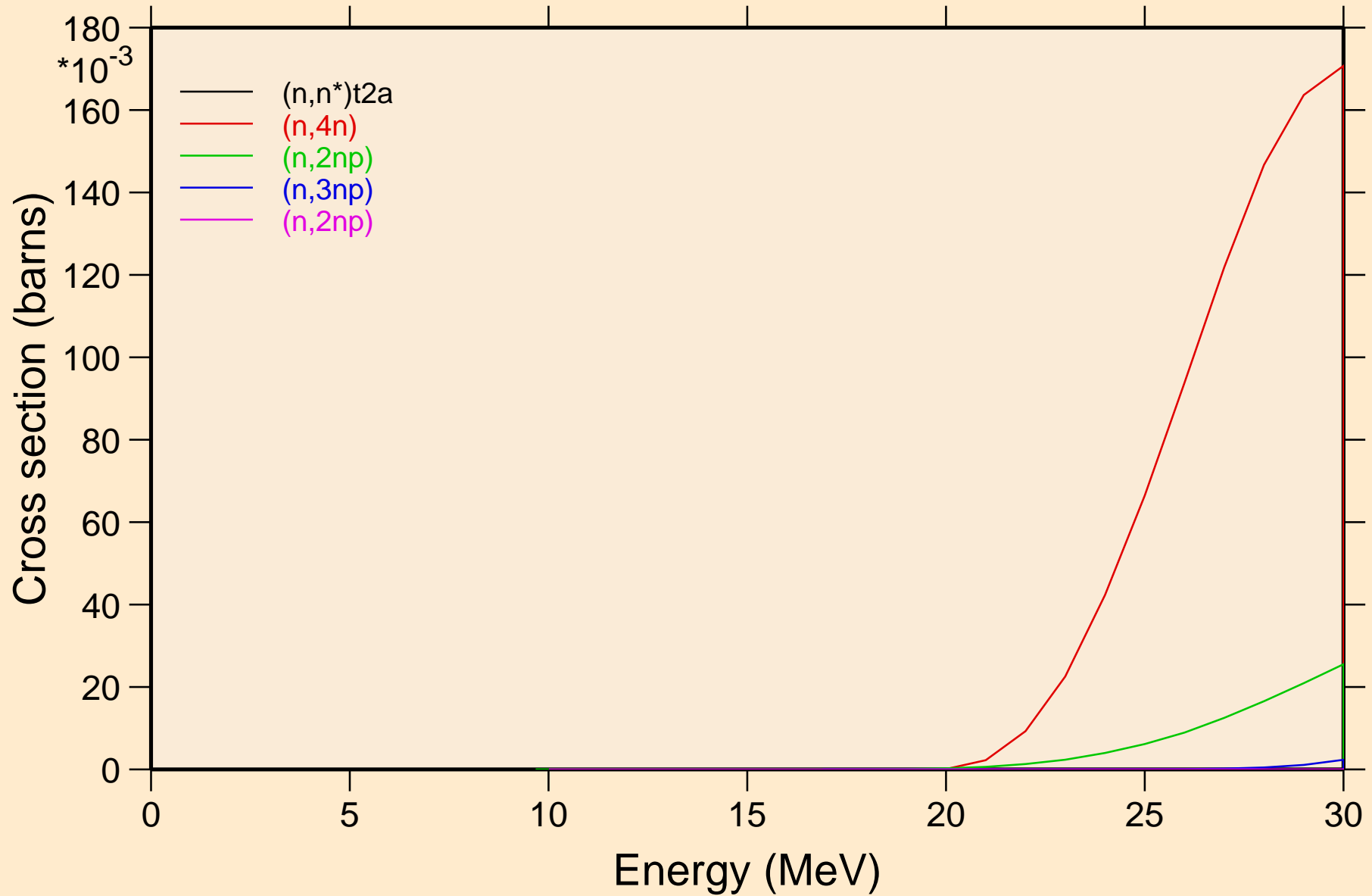
# PA228 NRG TENDL-2015, AKONING

## Threshold reactions



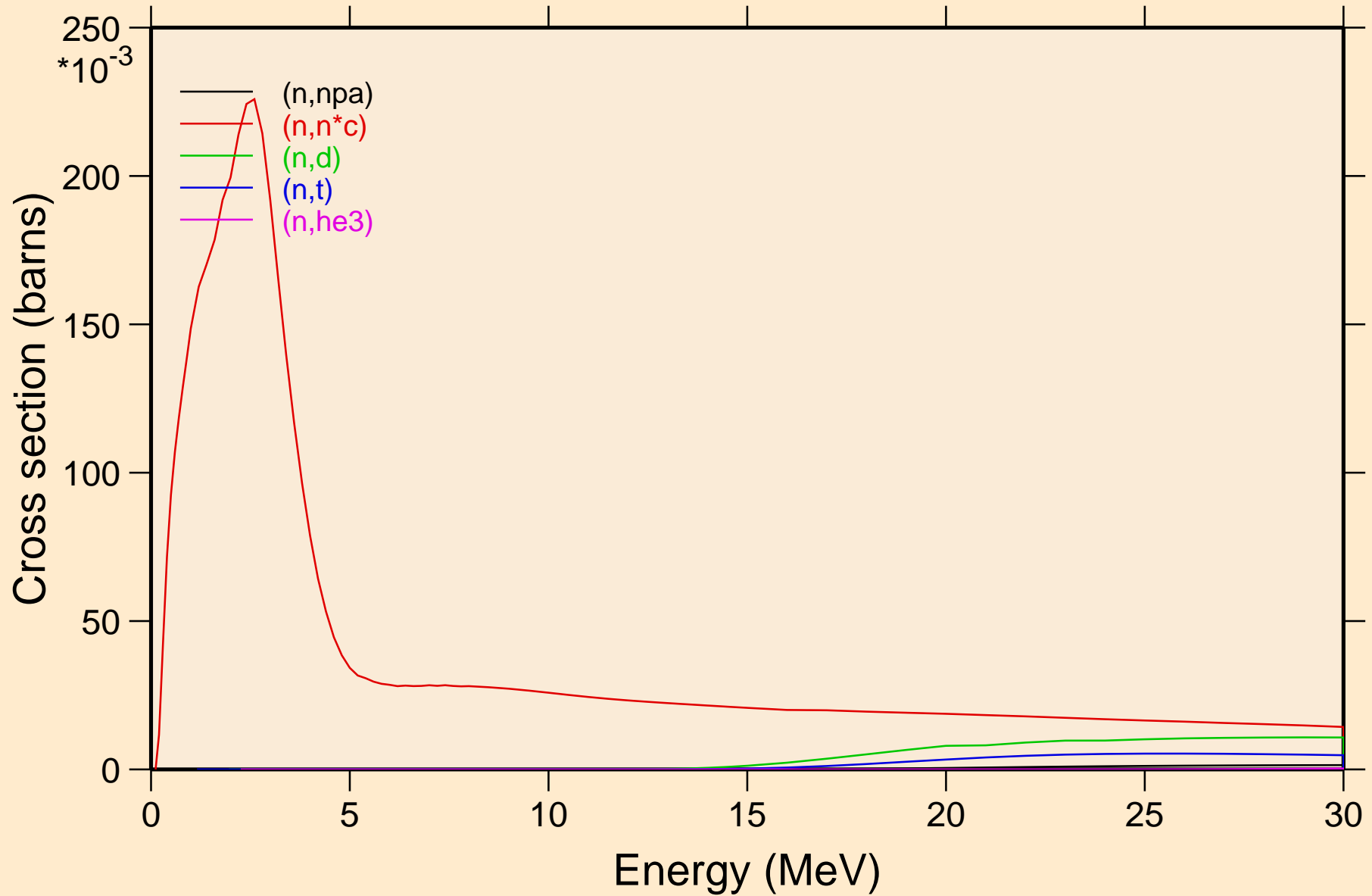
# PA228 NRG TENDL-2015, AKONING

## Threshold reactions



# PA228 NRG TENDL-2015, AKONING

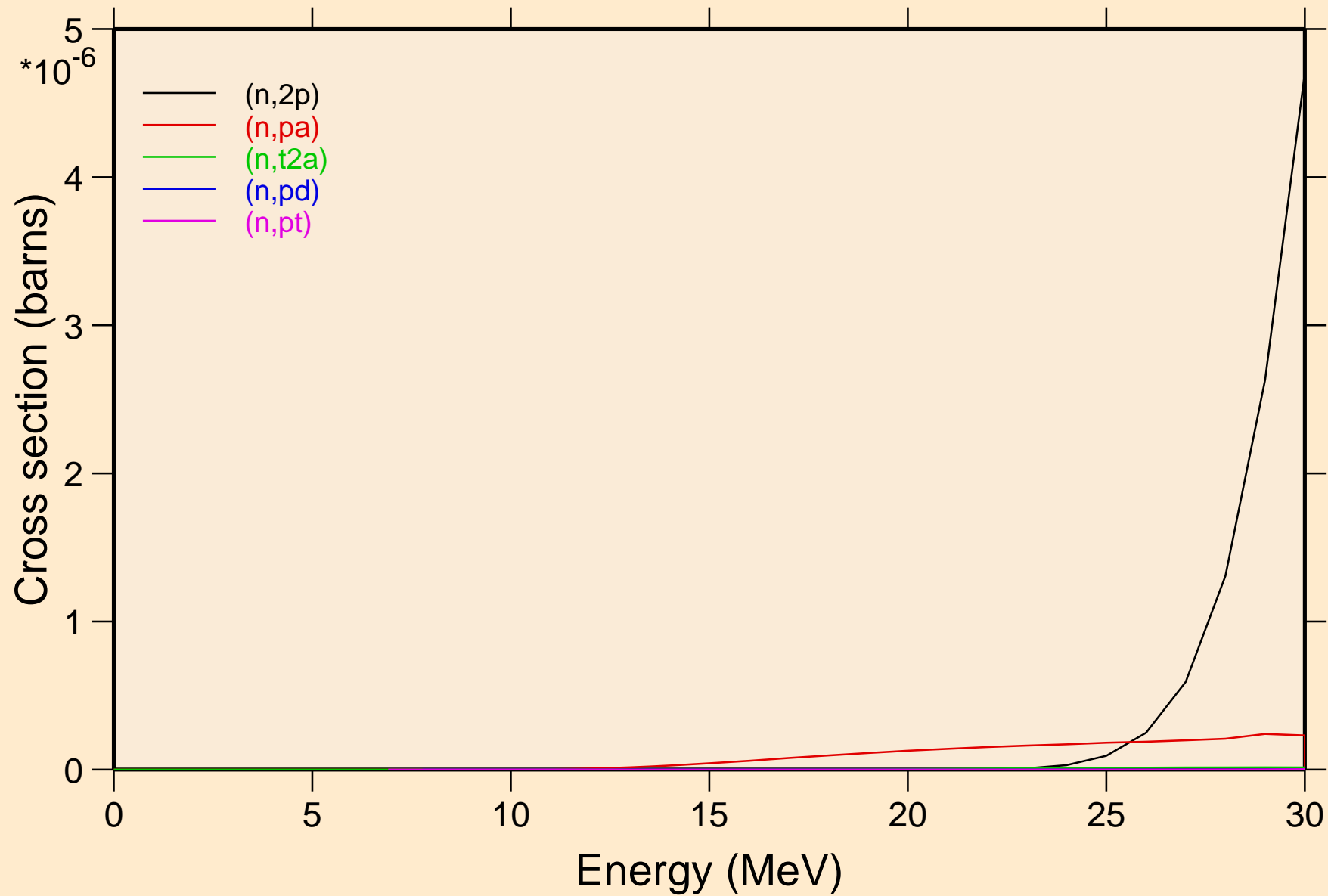
## Threshold reactions





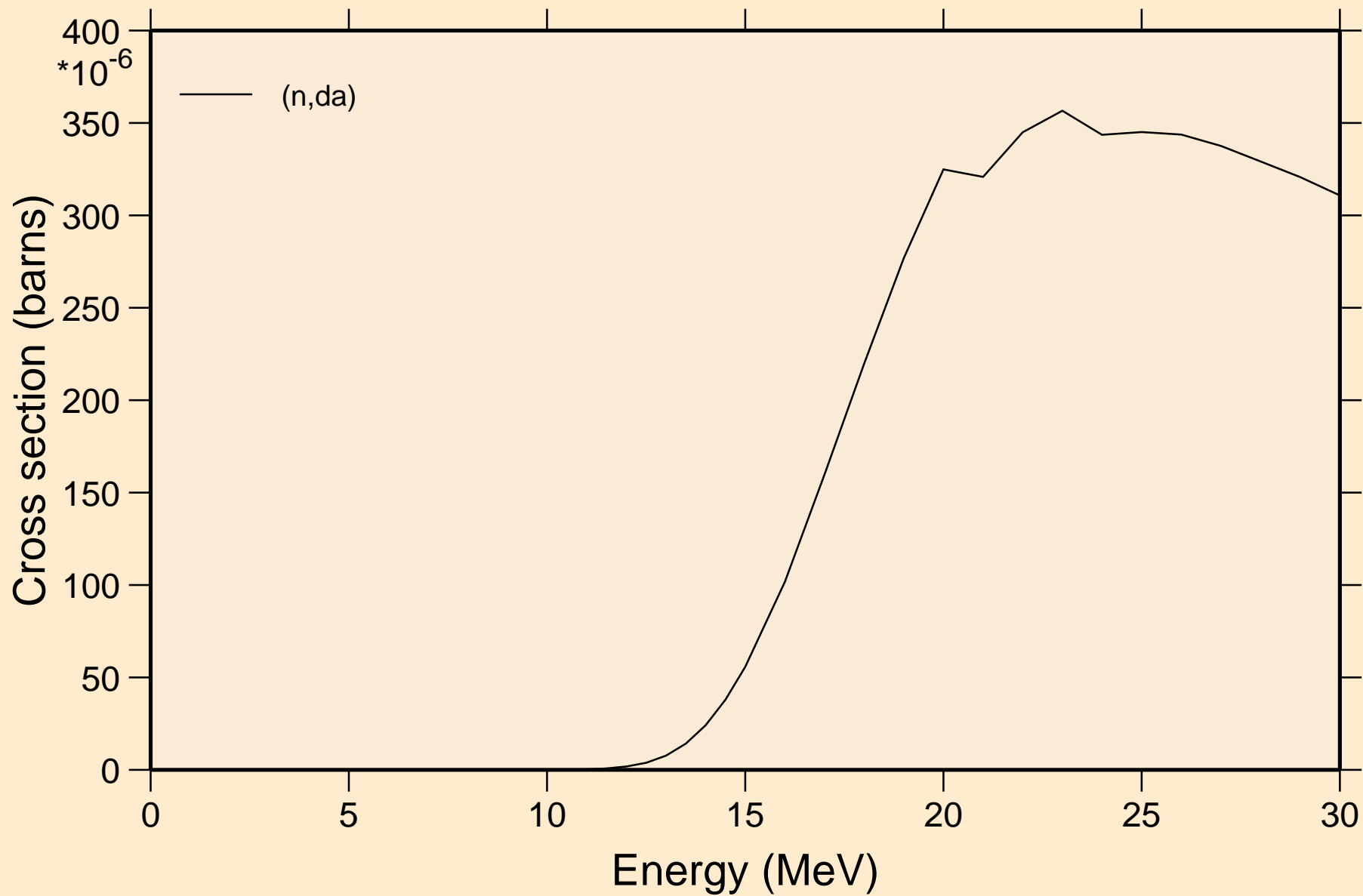
# PA228 NRG TENDL-2015, AKONING

## Threshold reactions

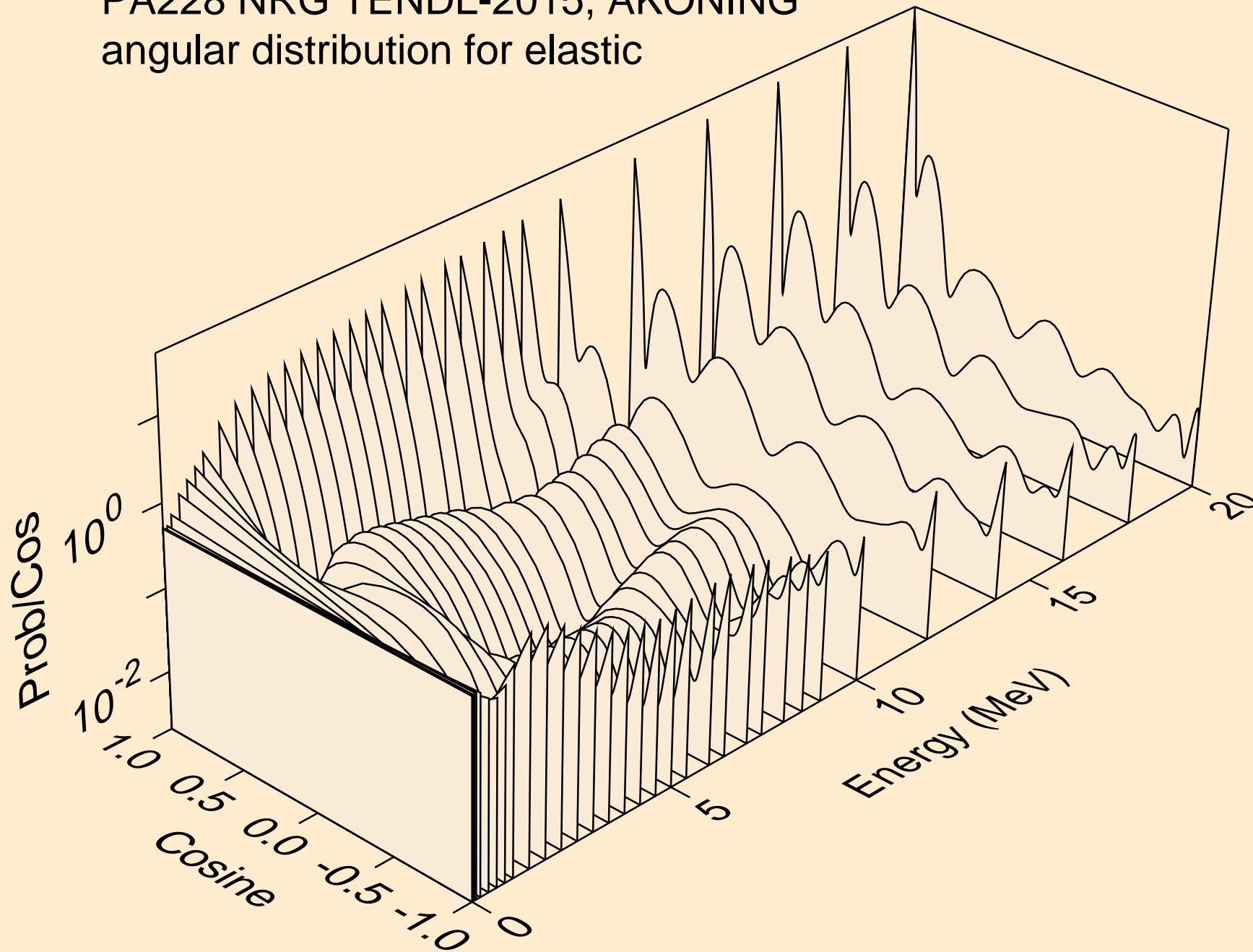


# PA228 NRG TENDL-2015, AKONING

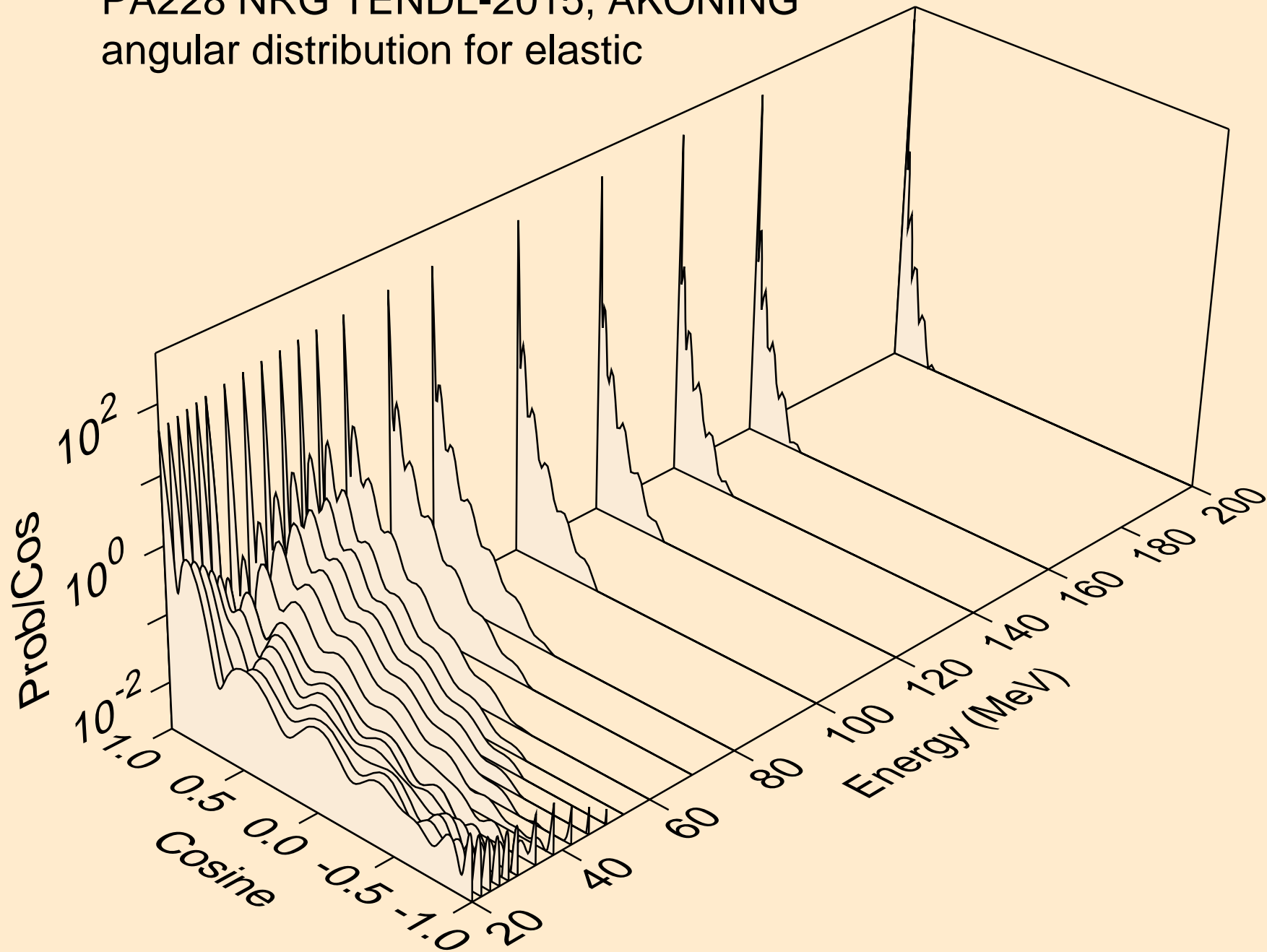
## Threshold reactions



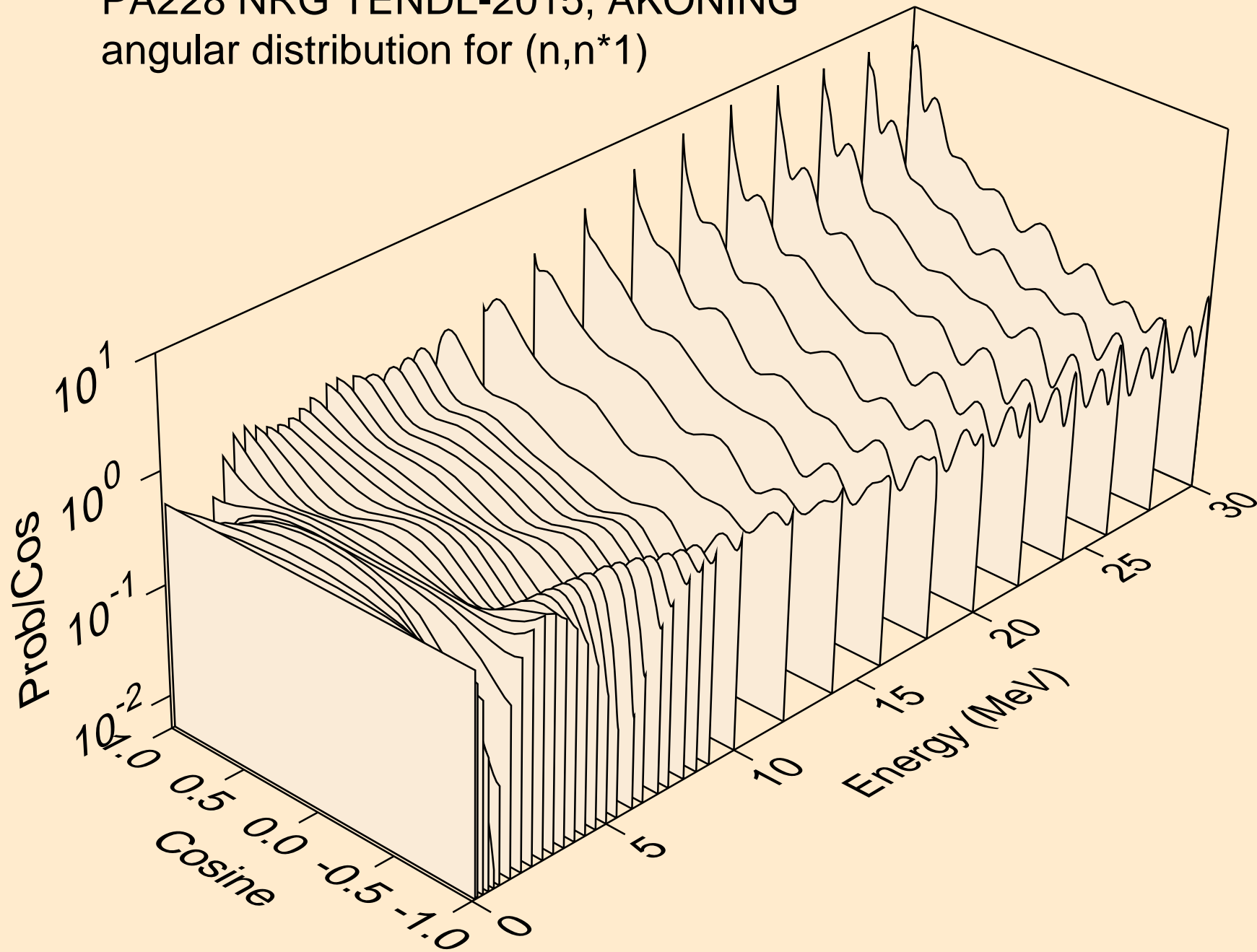
PA228 NRG TENDL-2015, AKONING  
angular distribution for elastic



PA228 NRG TENDL-2015, AKONING  
angular distribution for elastic

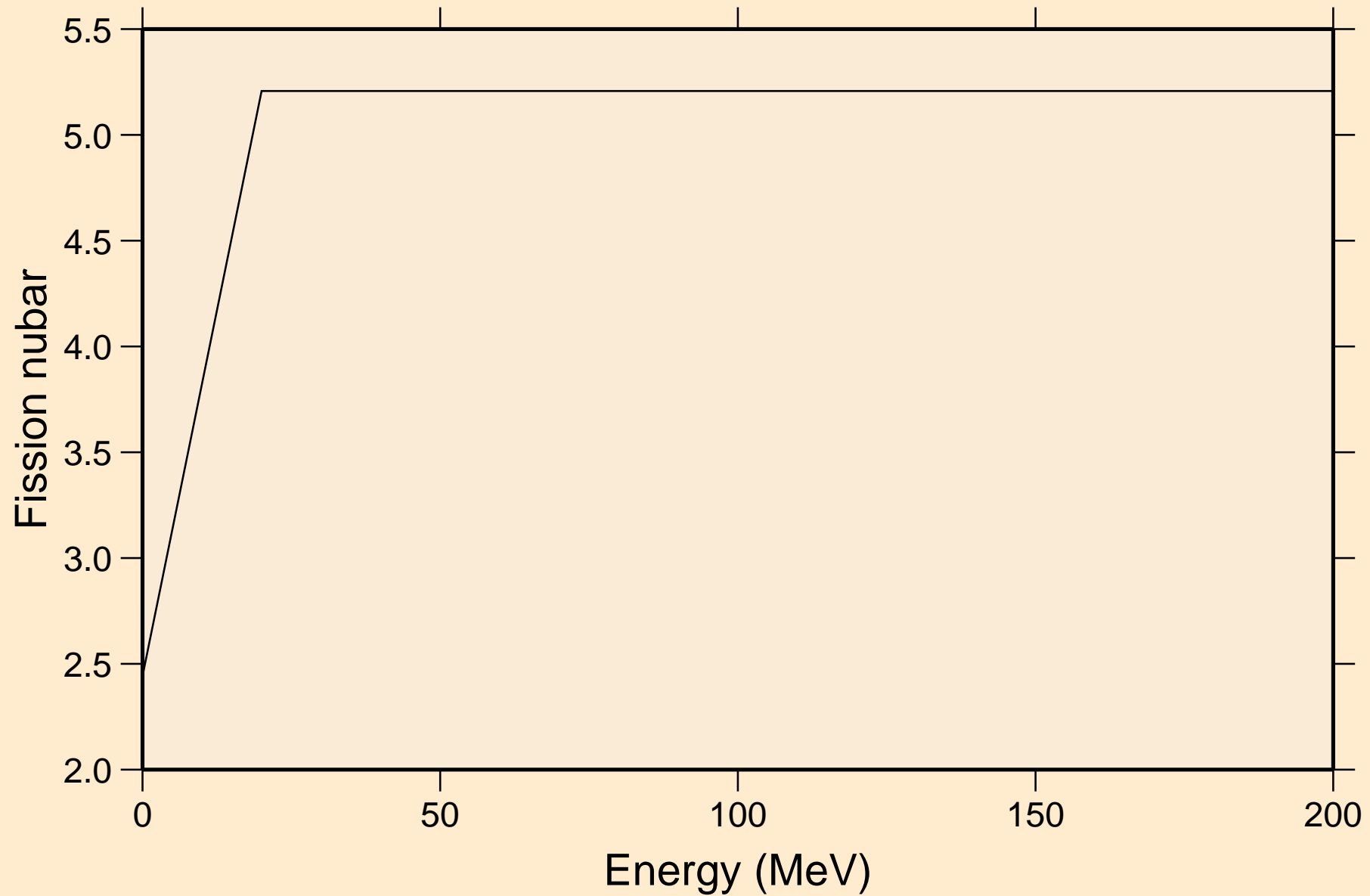


PA228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

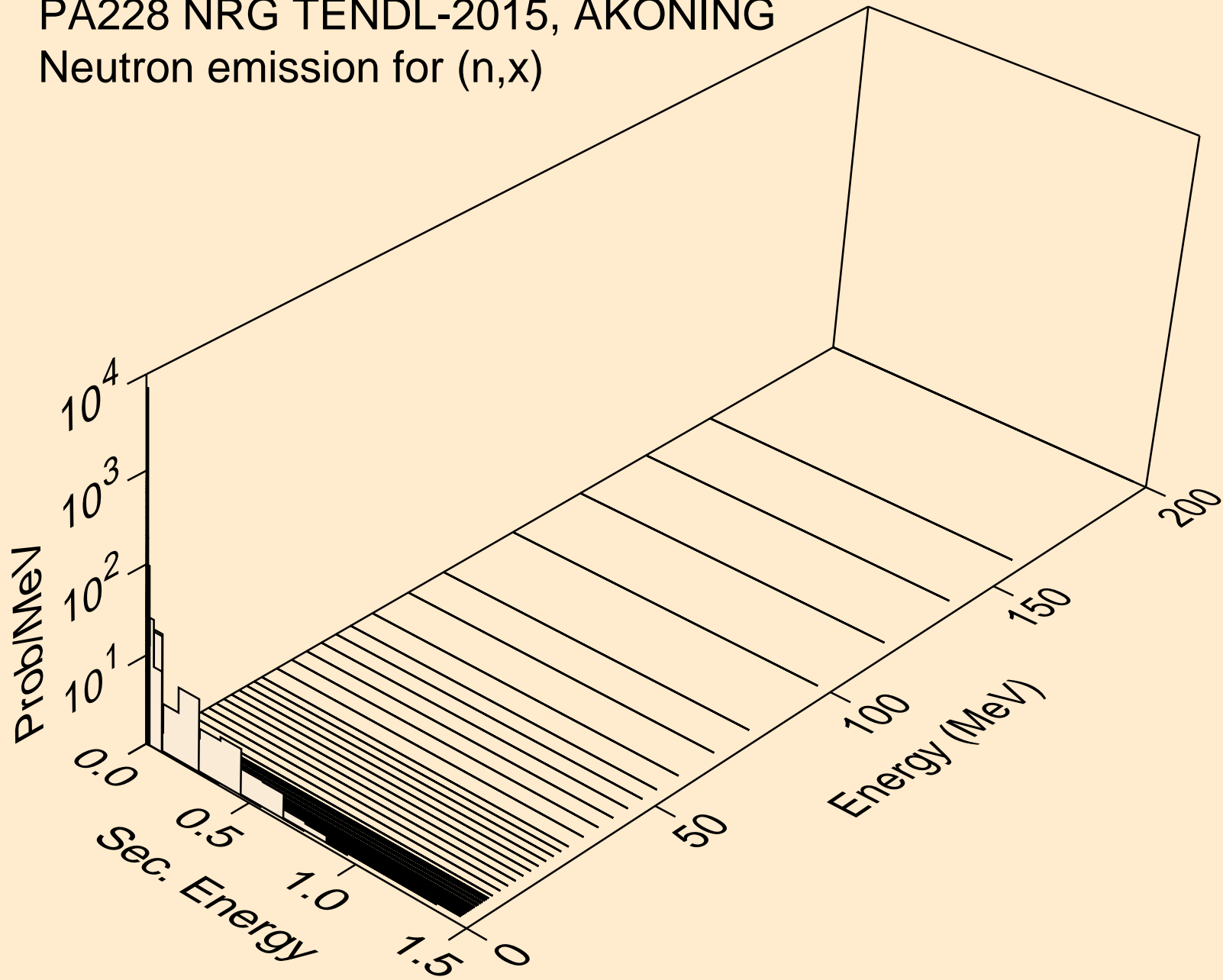


# PA228 NRG TENDL-2015, AKONING

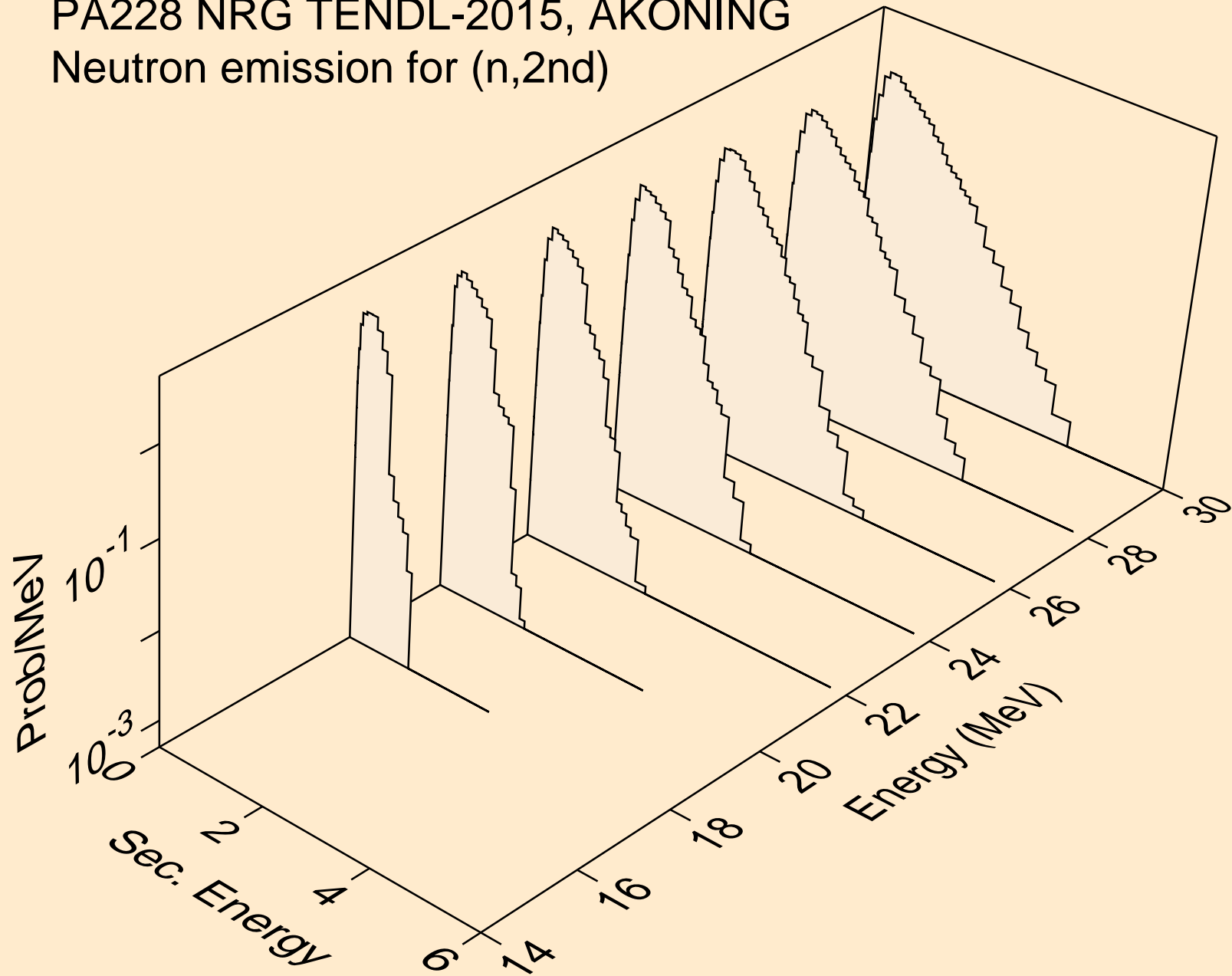
Total fission nubar



PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

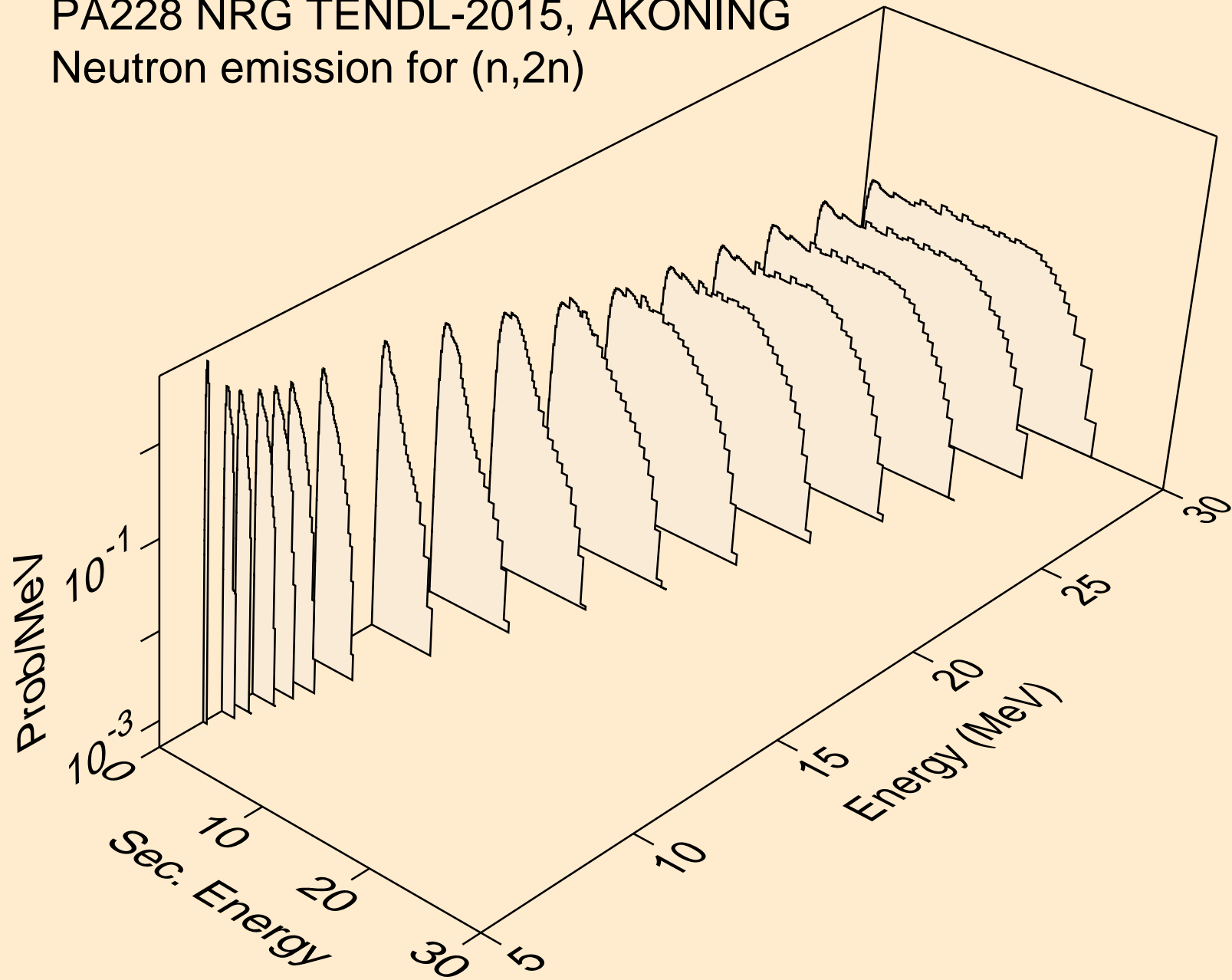


PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

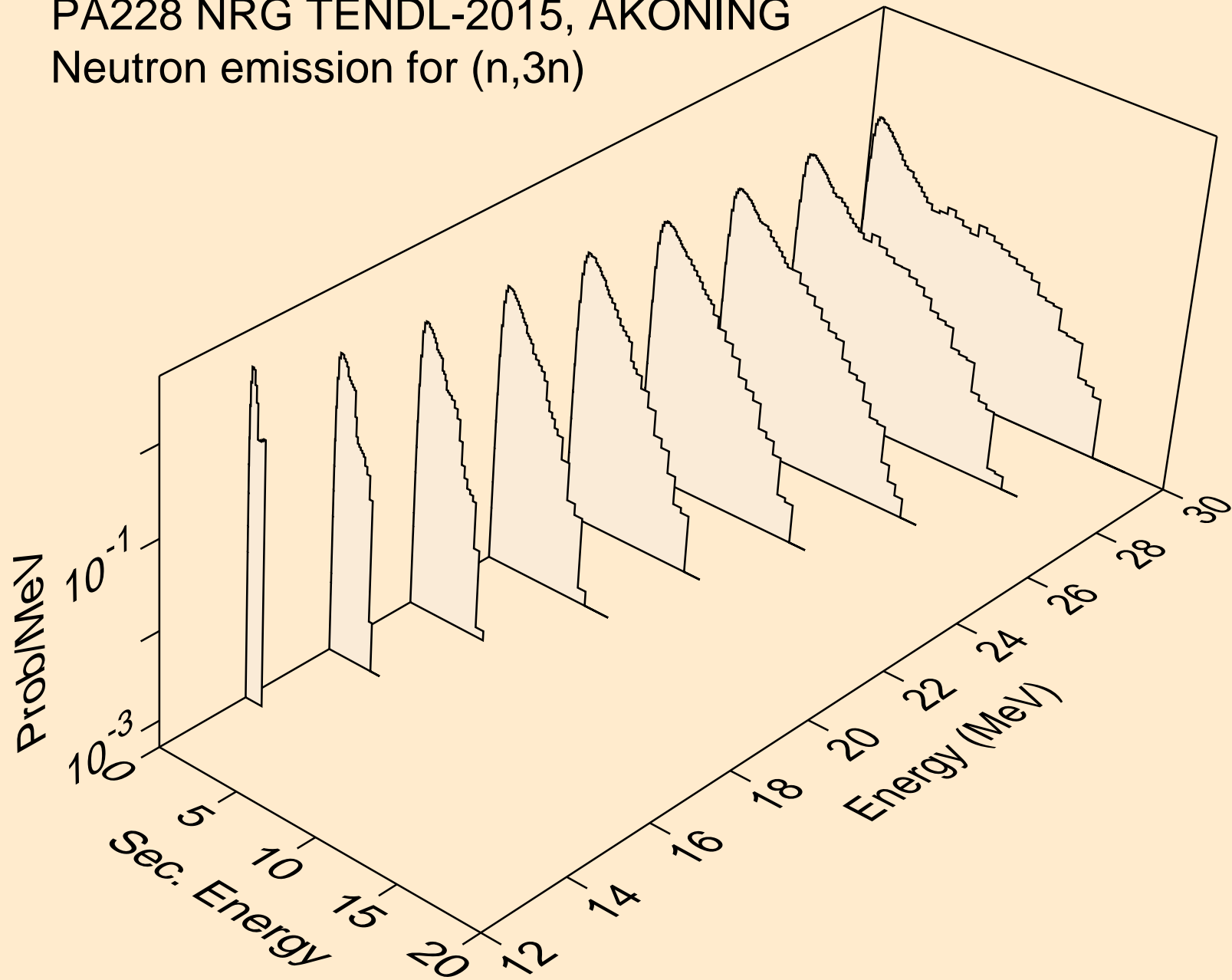




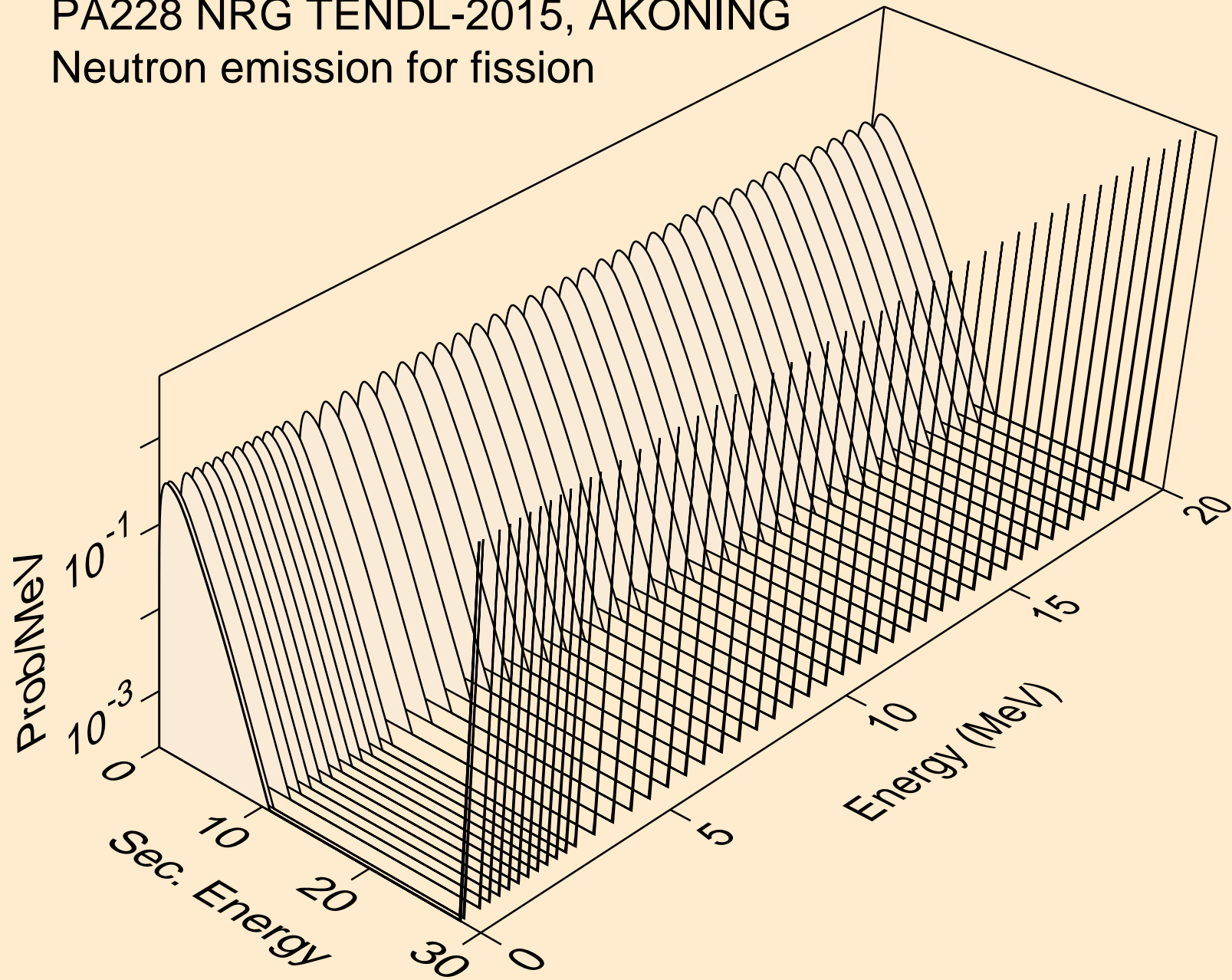
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



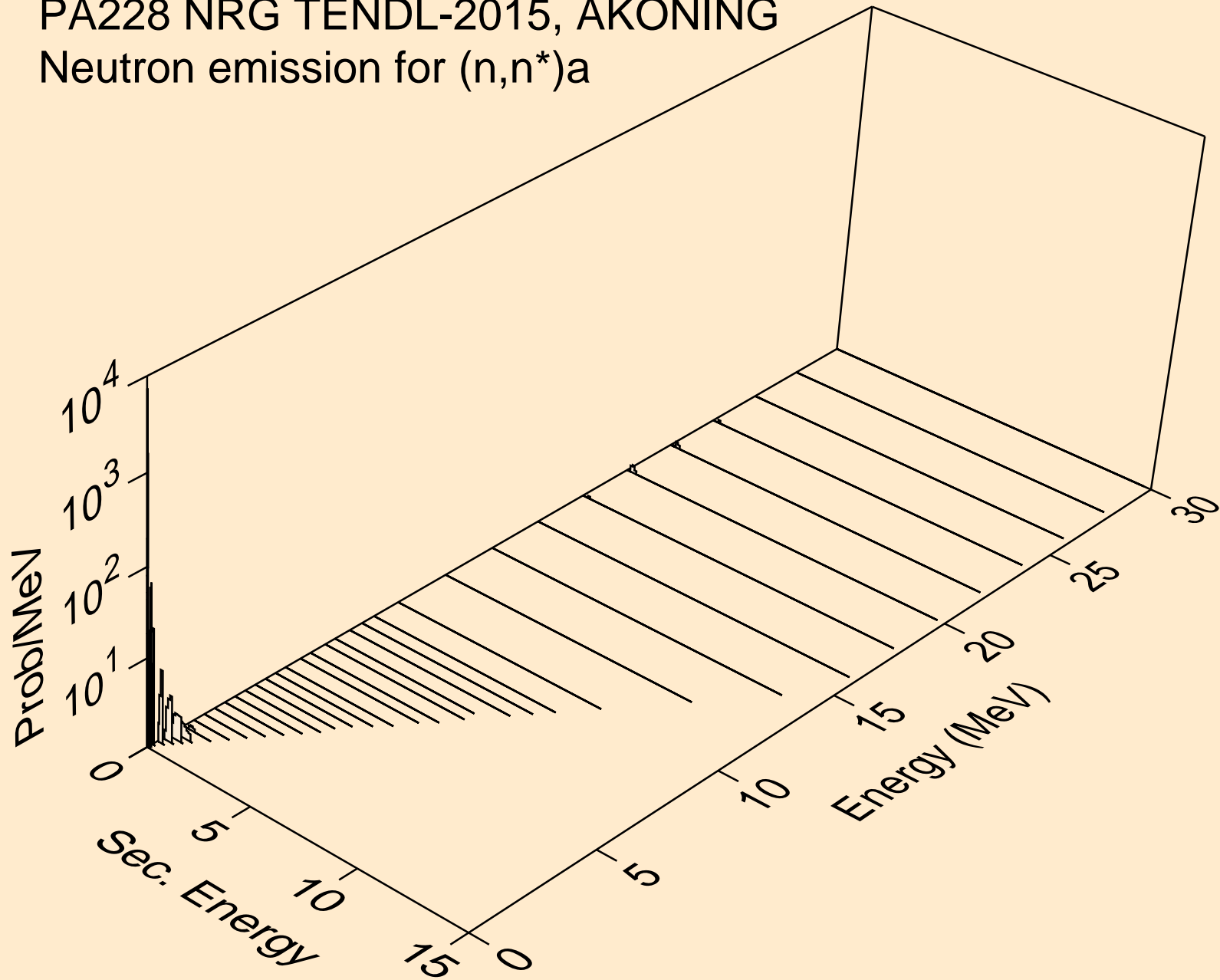
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



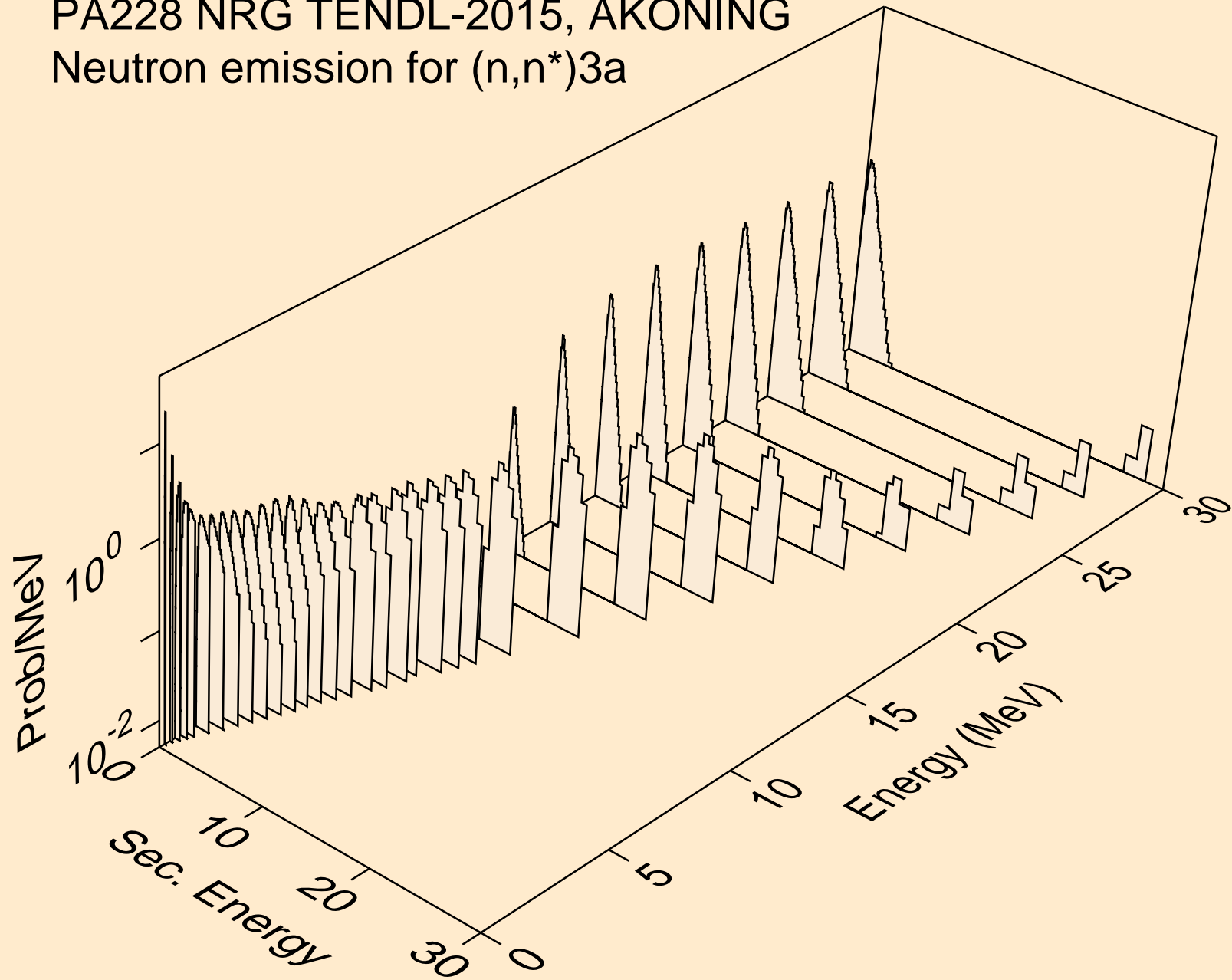
PA228 NRG TENDL-2015, AKONING  
Neutron emission for fission



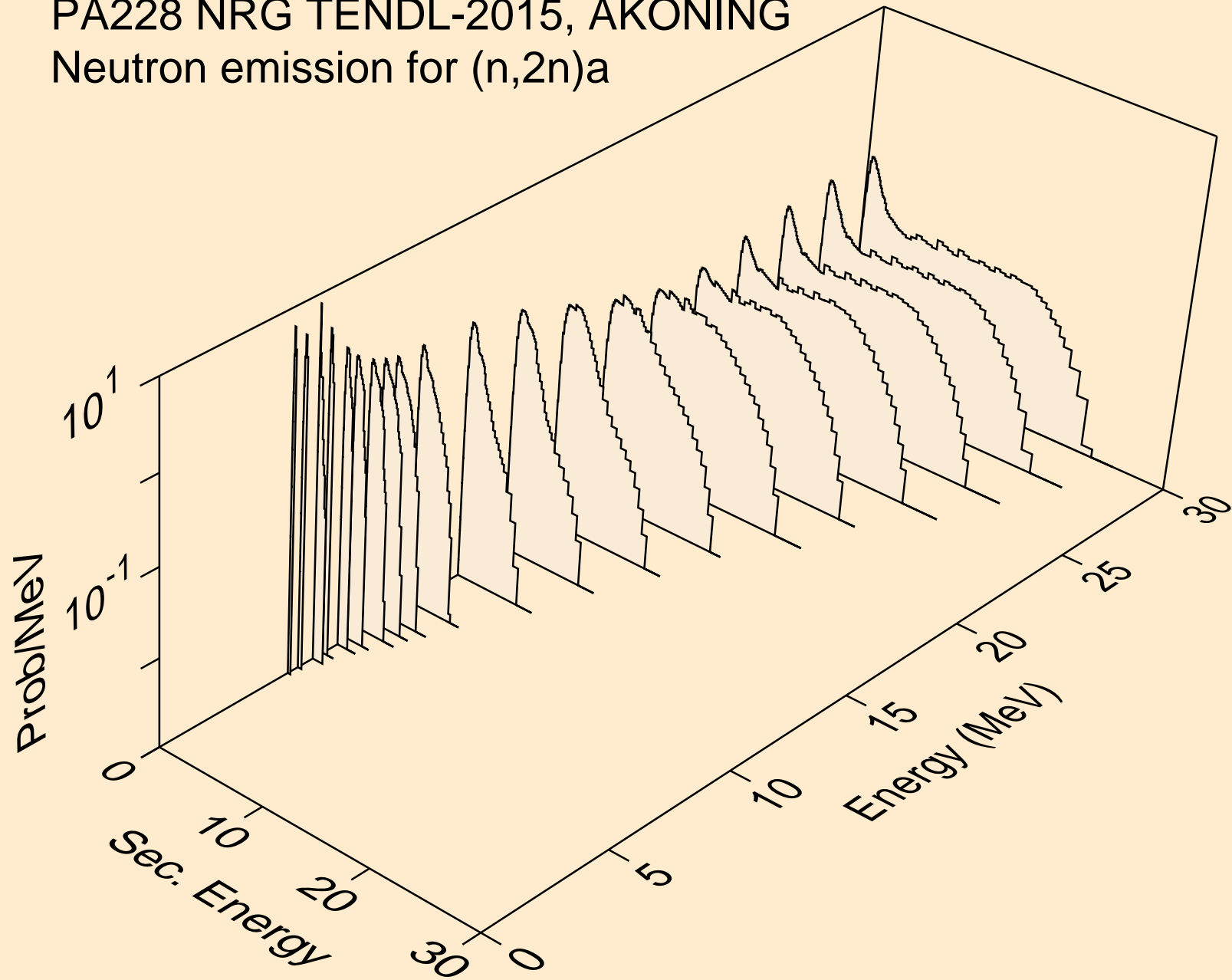
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



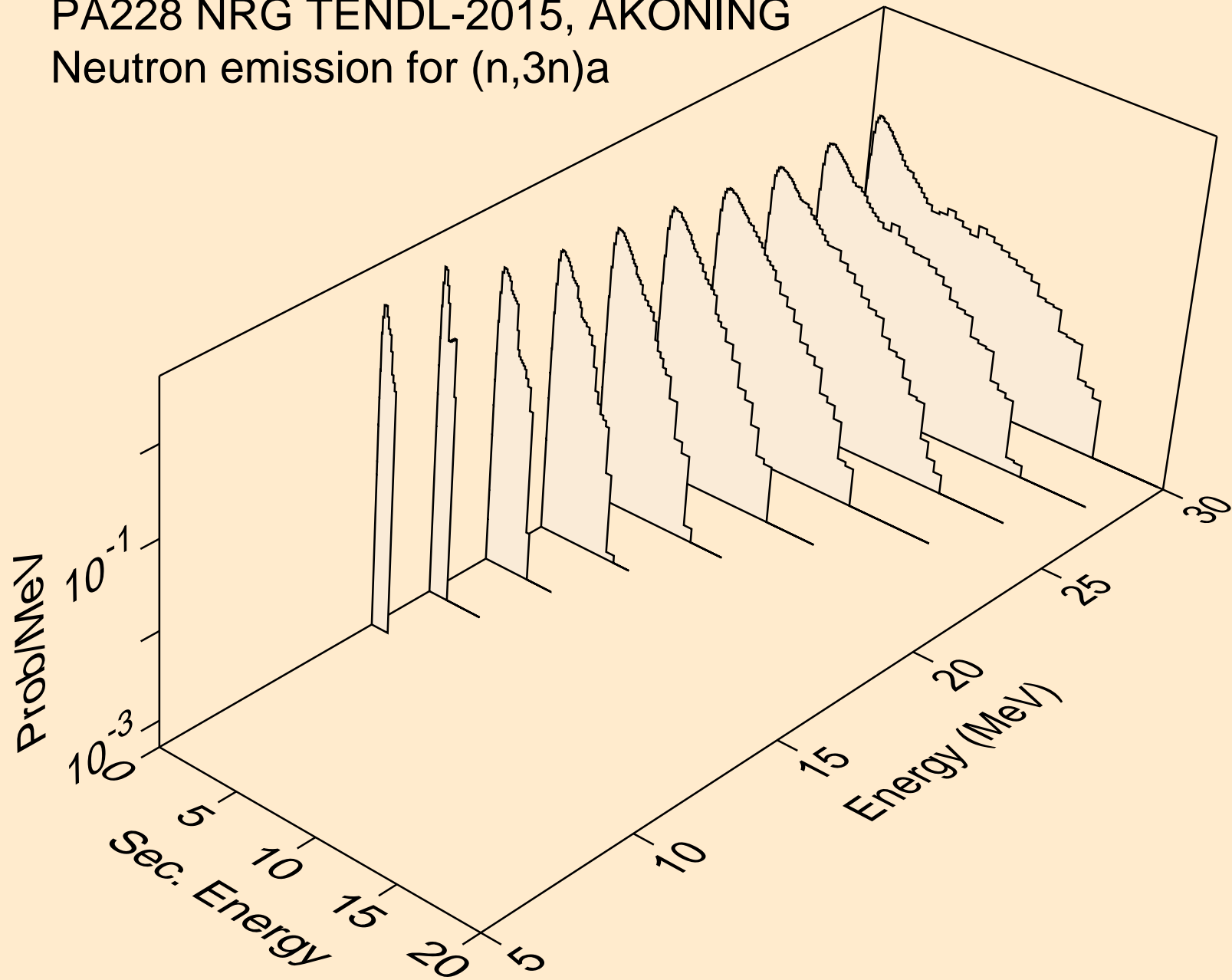
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



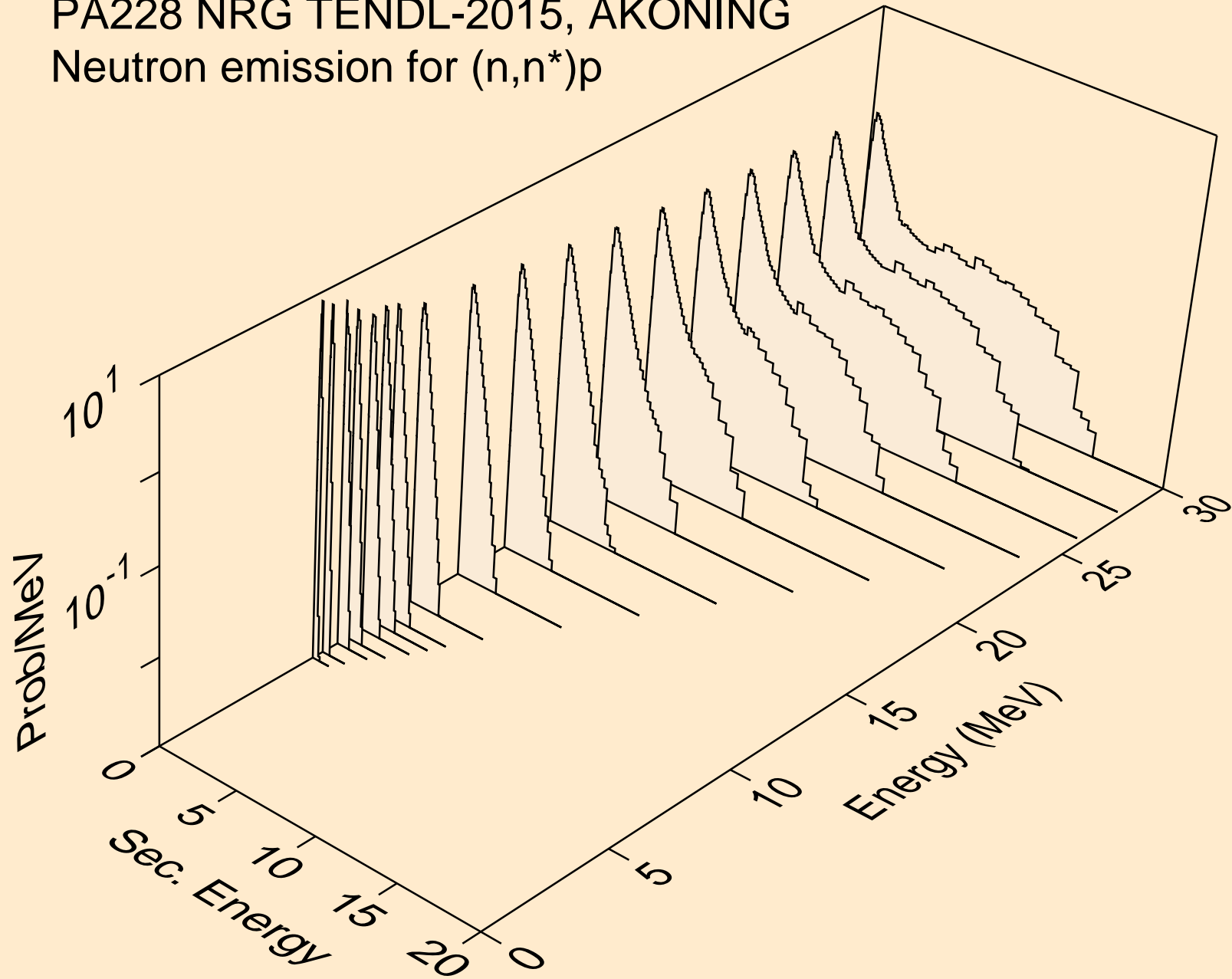
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

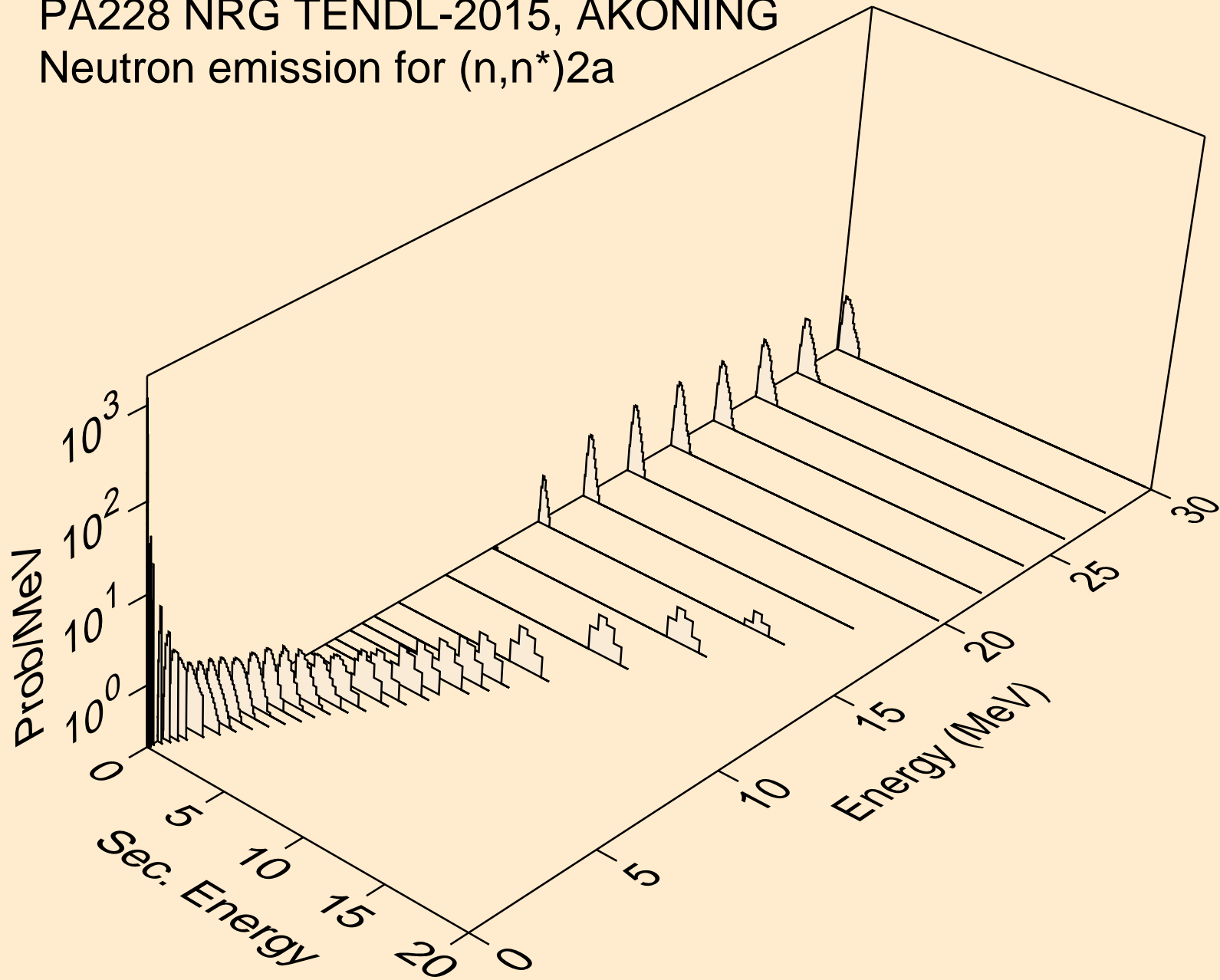


PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

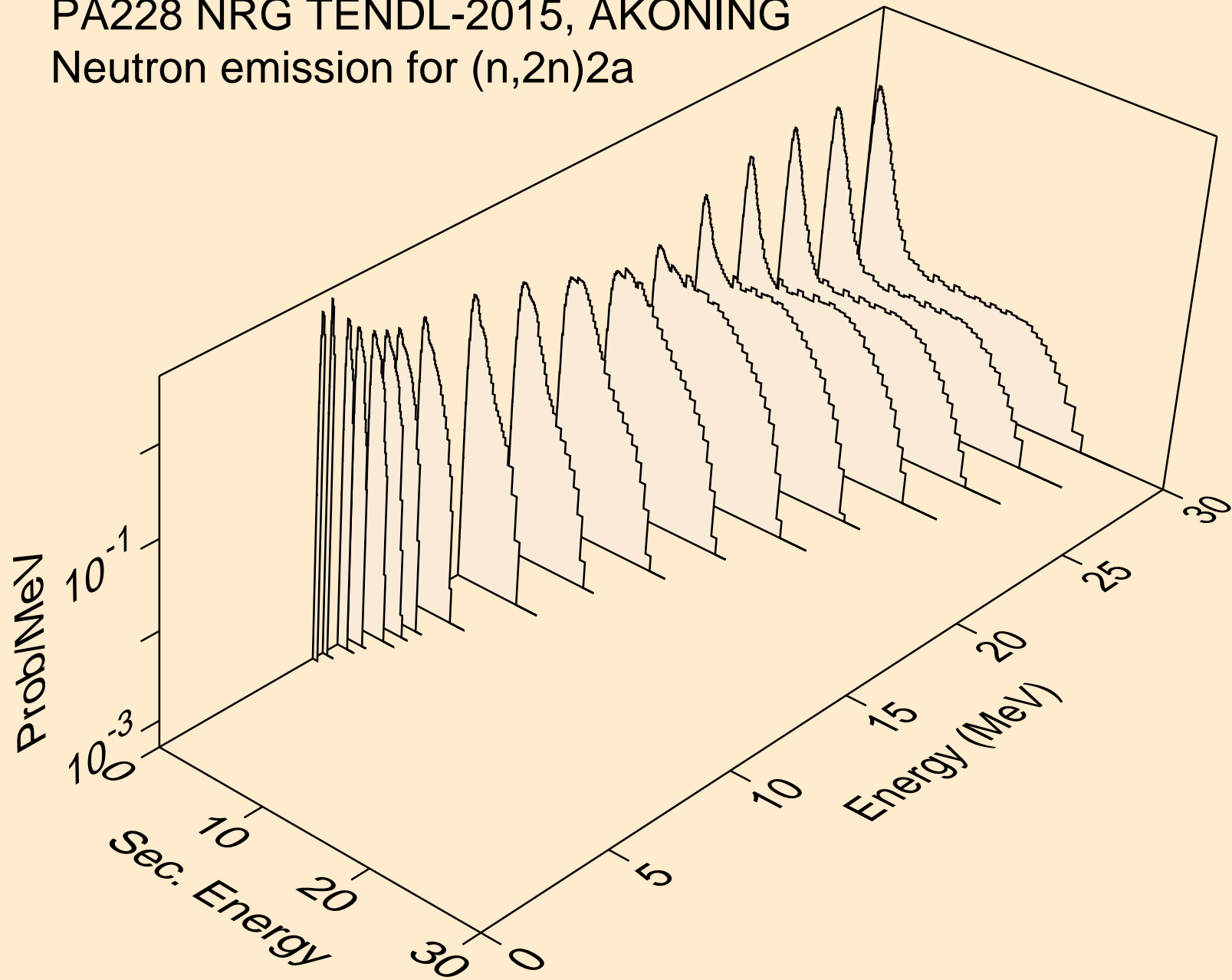




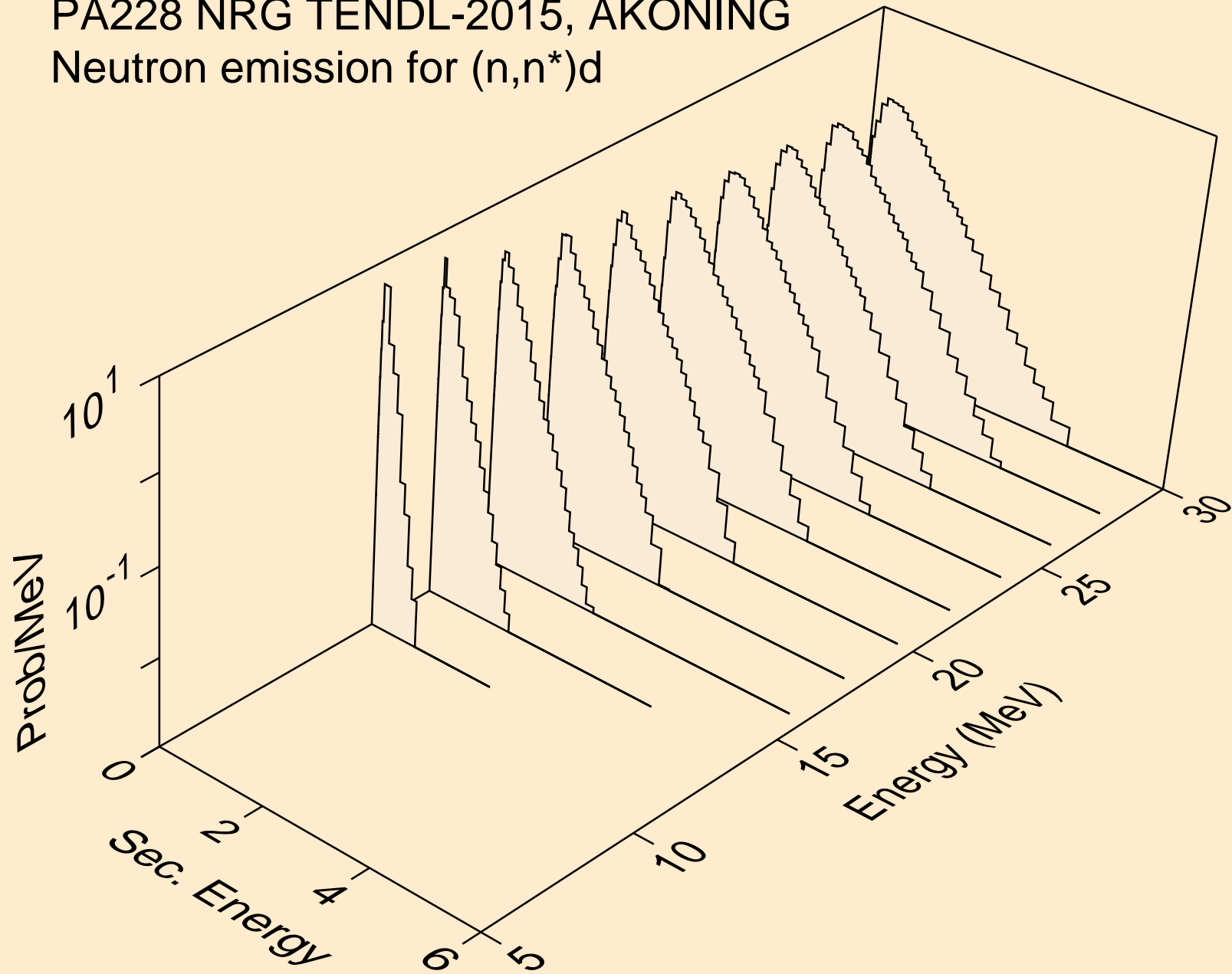
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



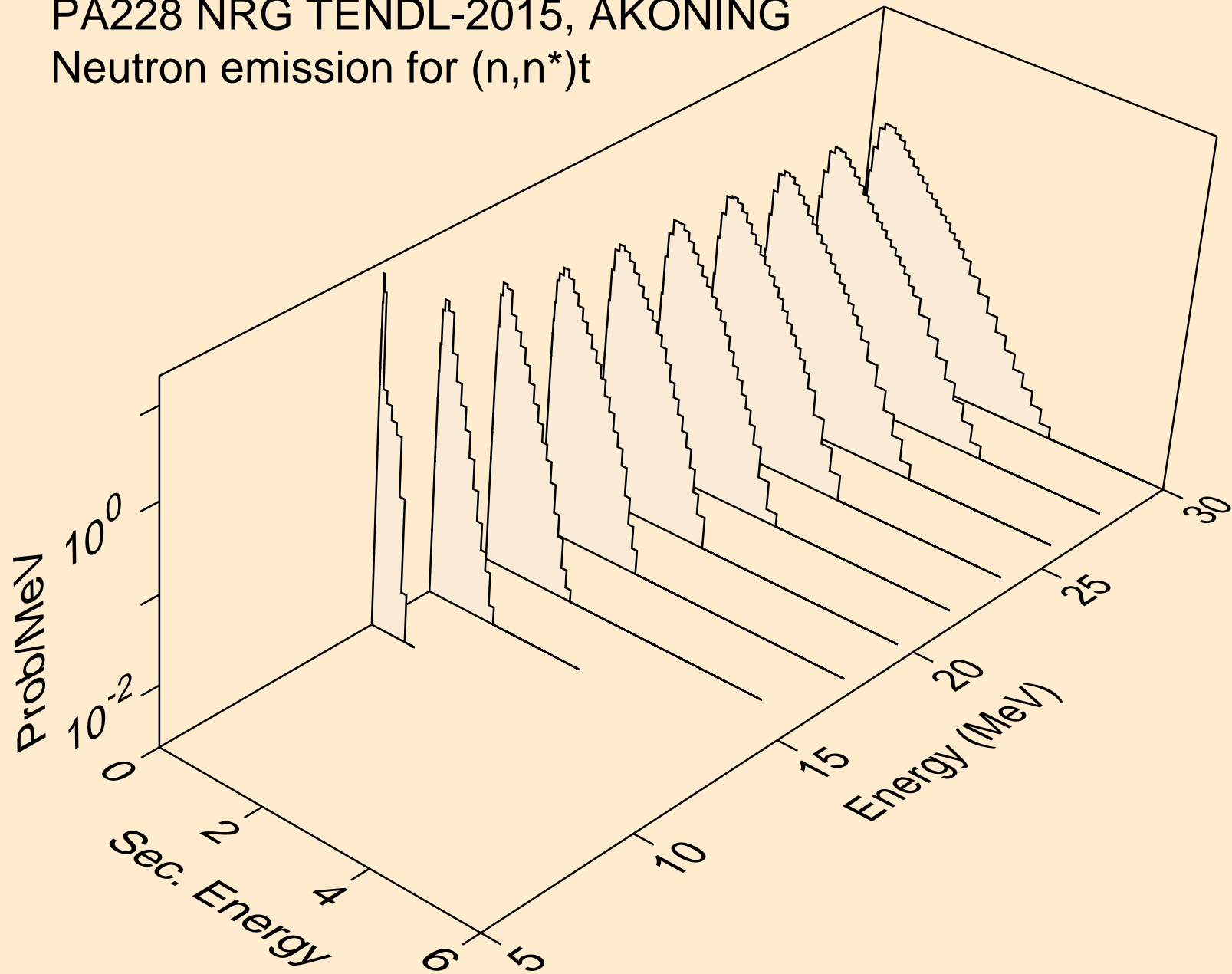
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



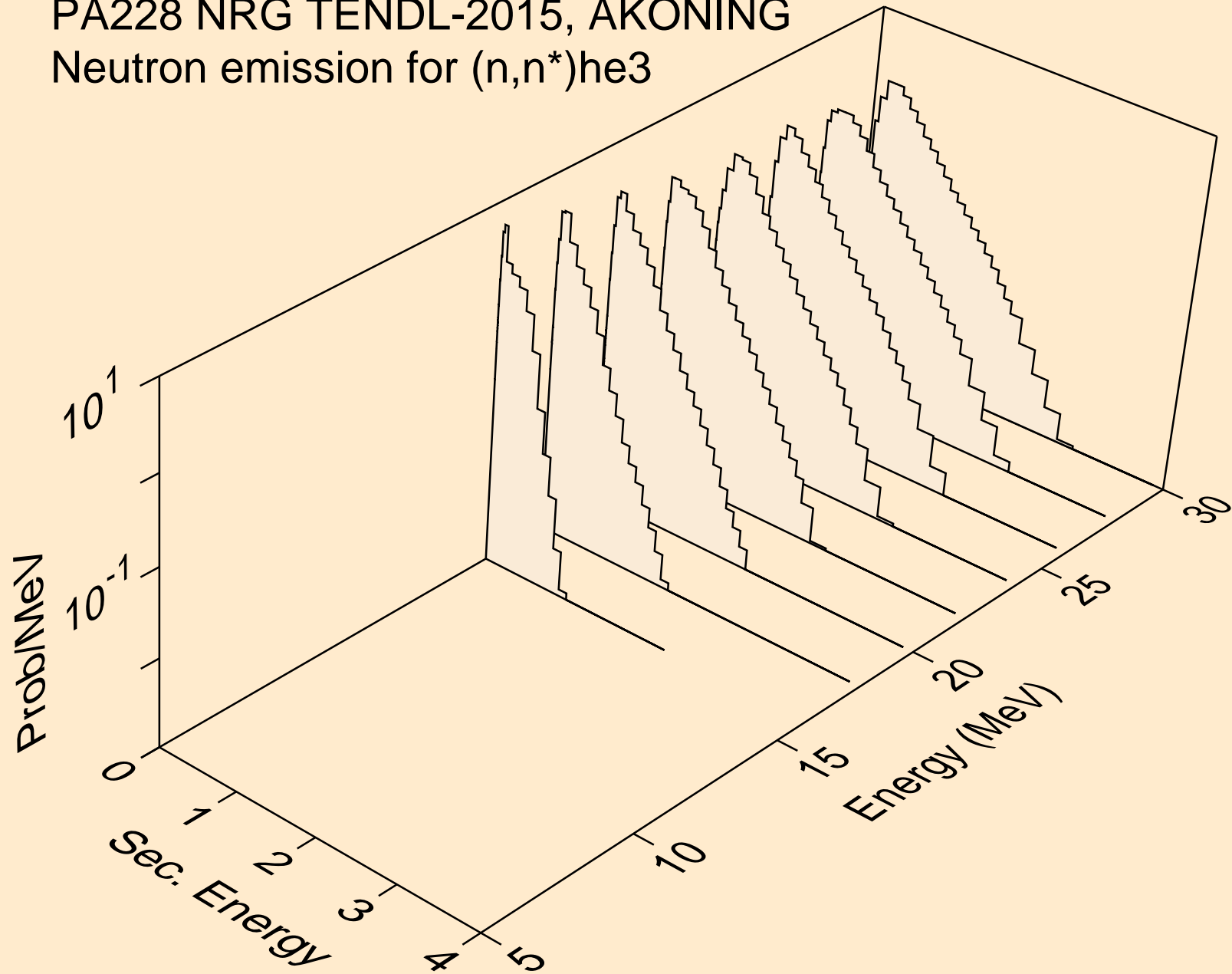
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



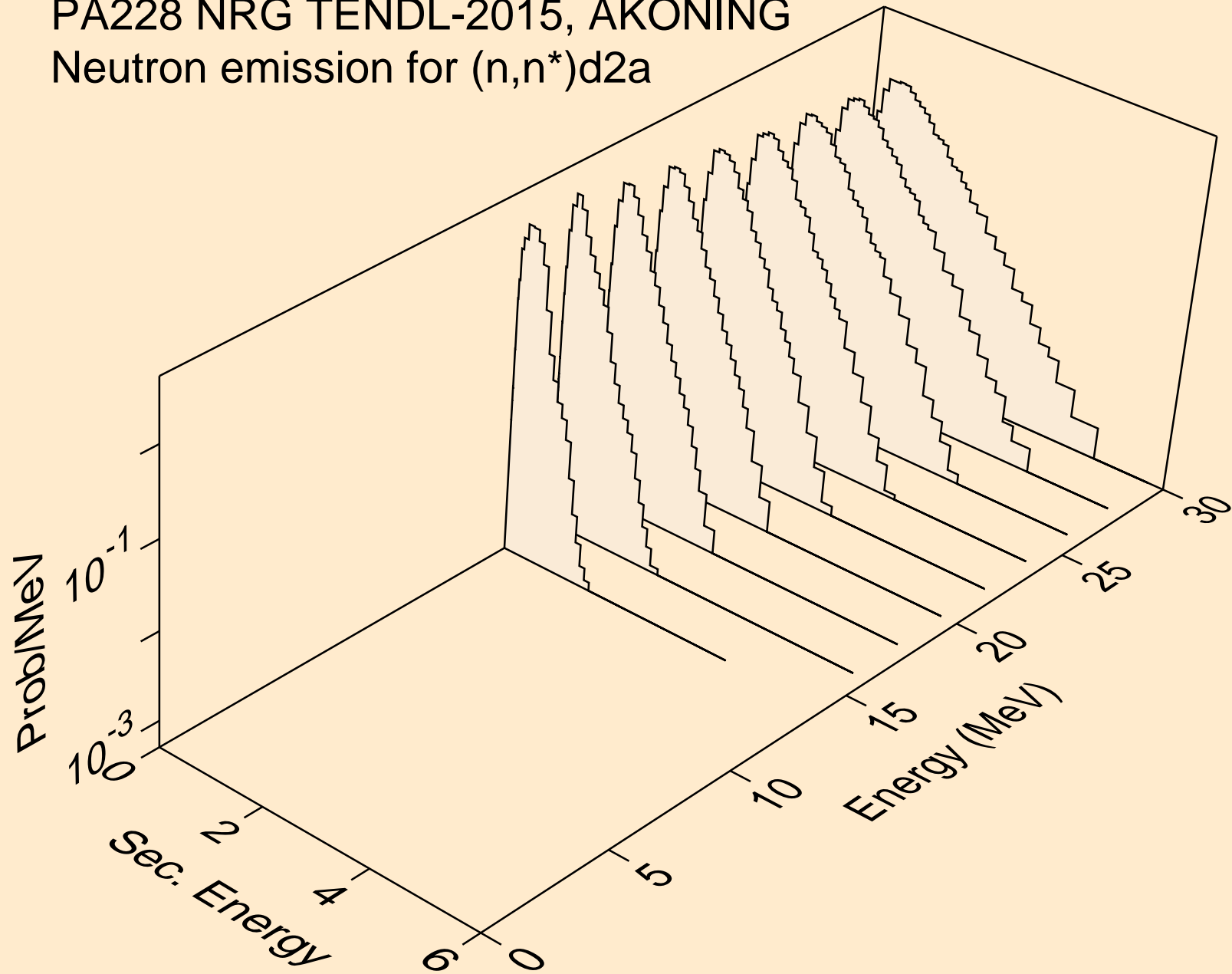
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



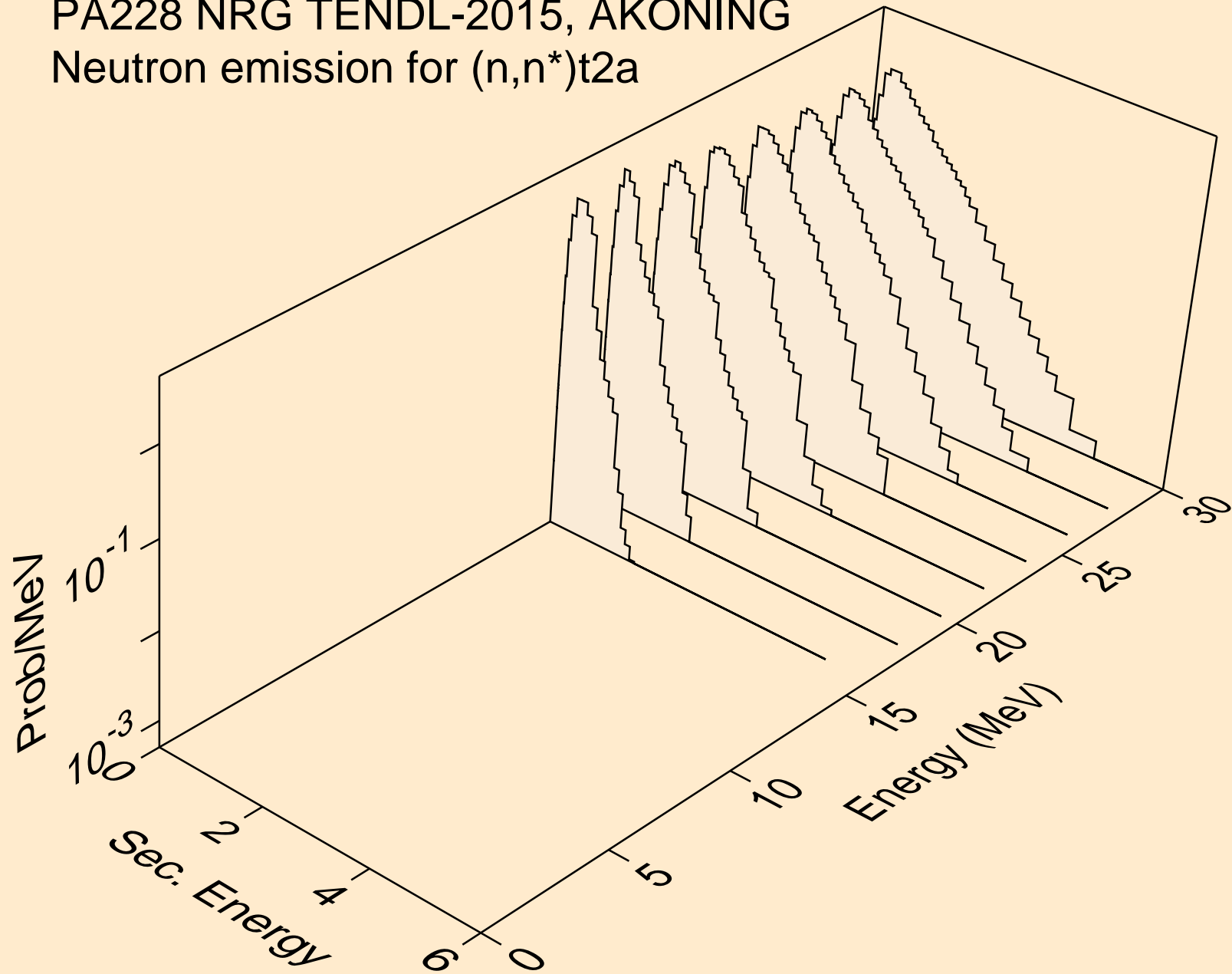
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



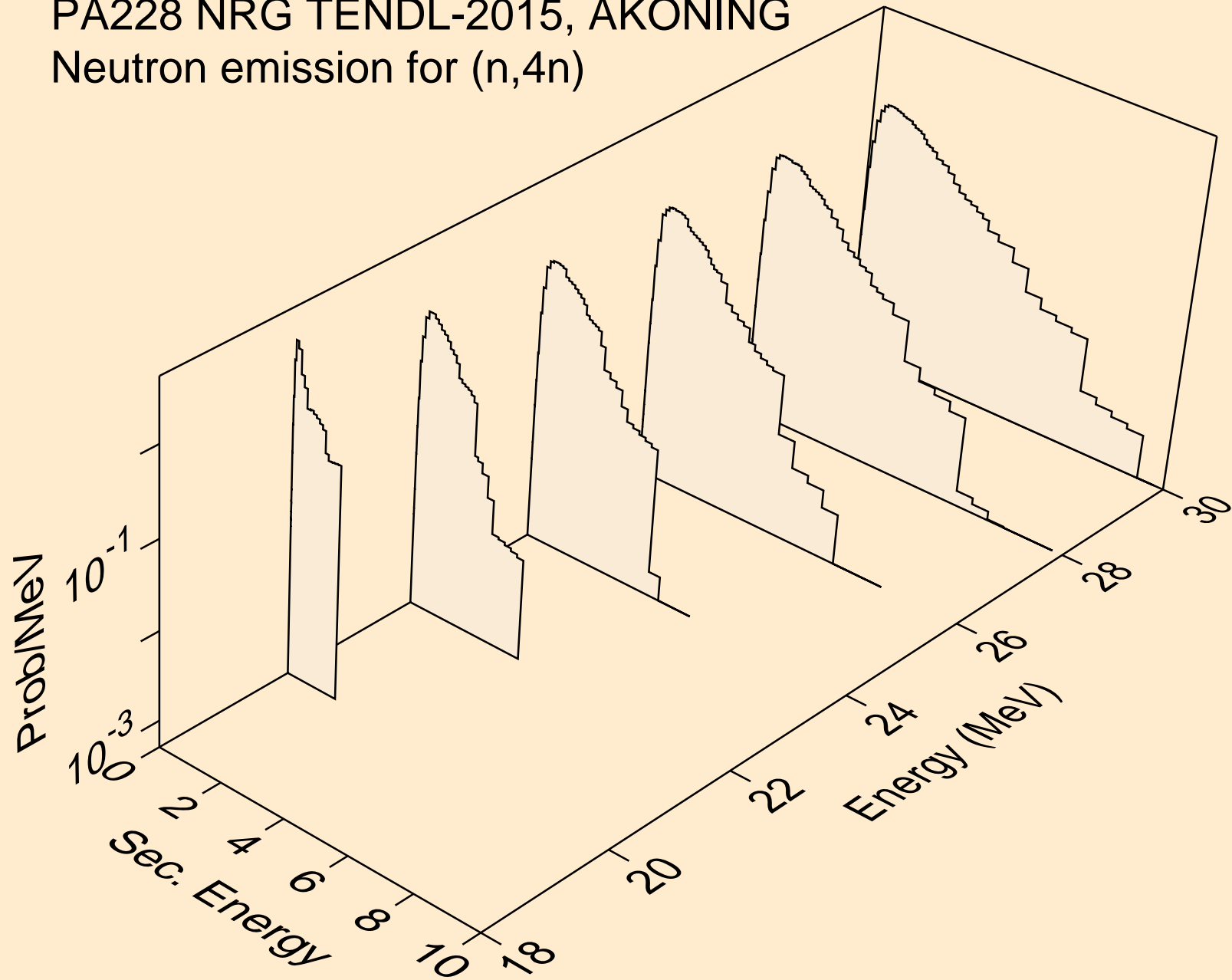
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a

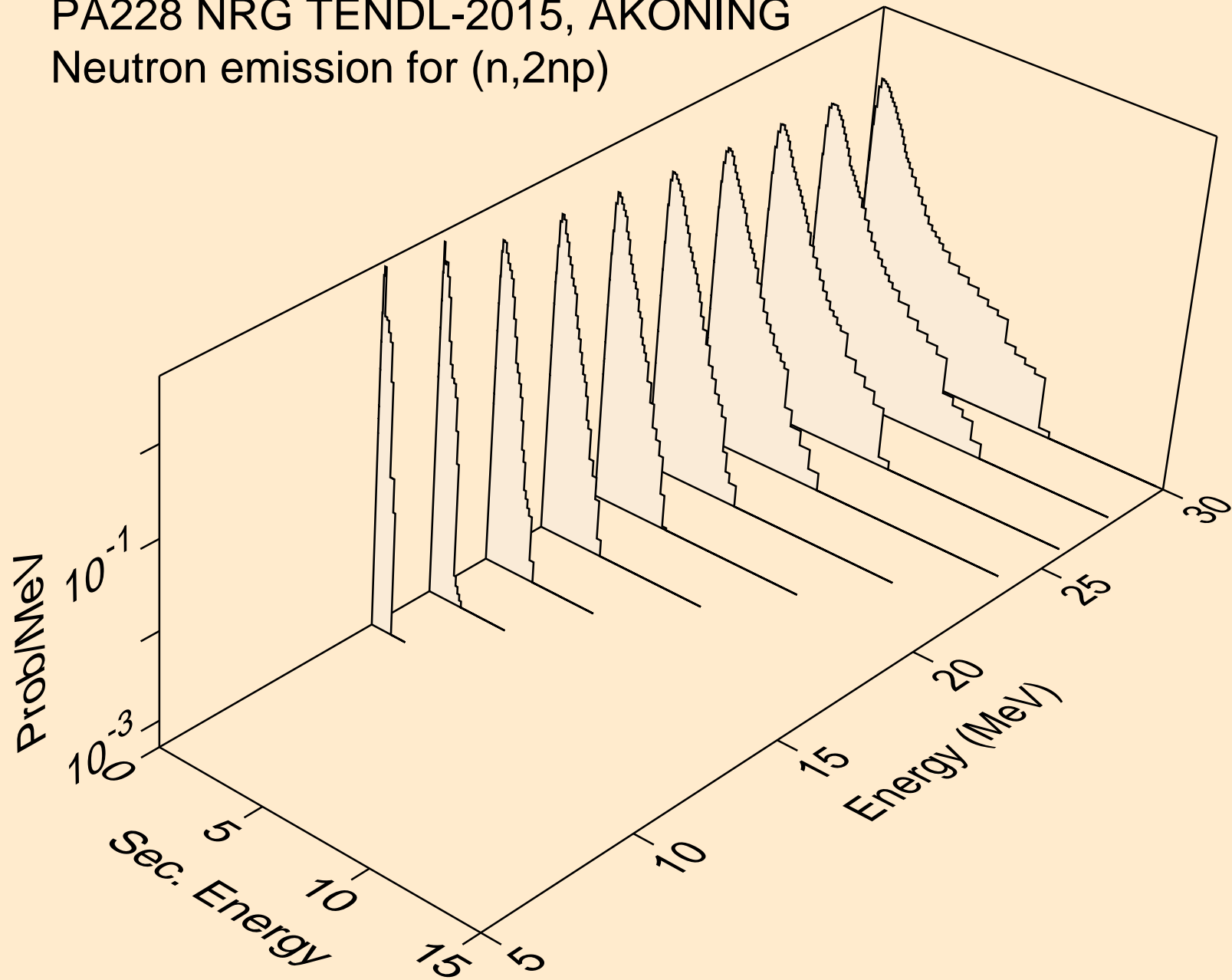


PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

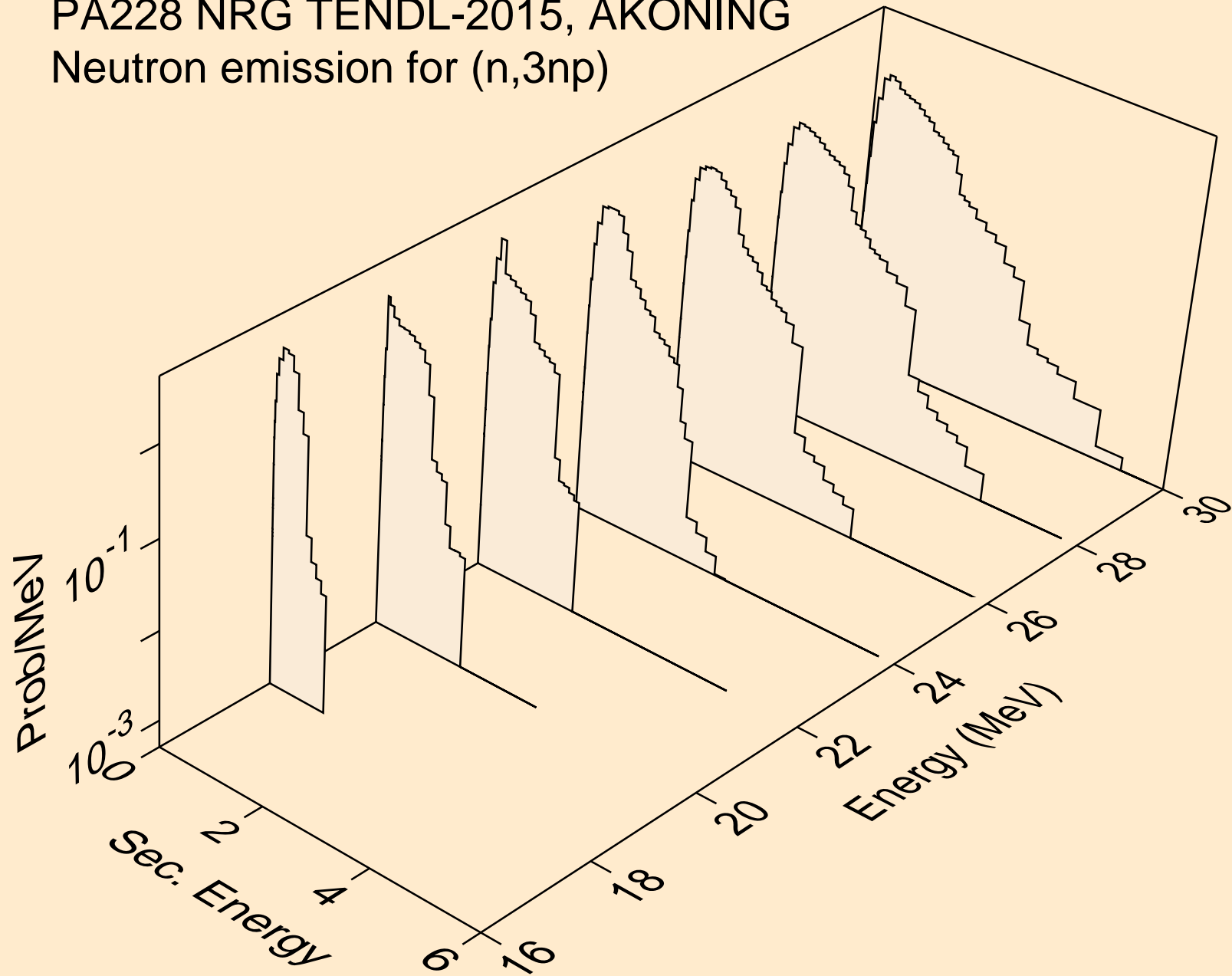




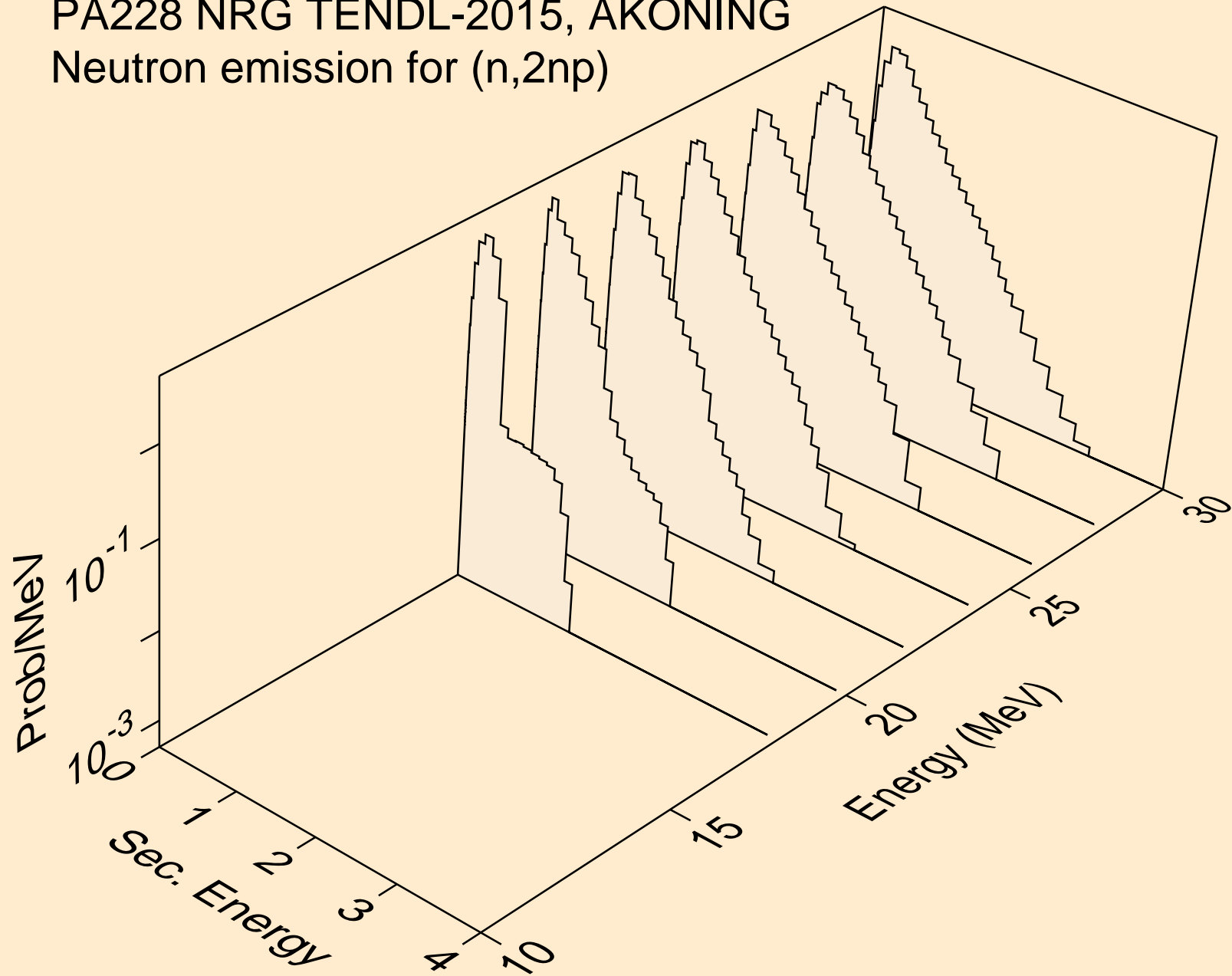
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



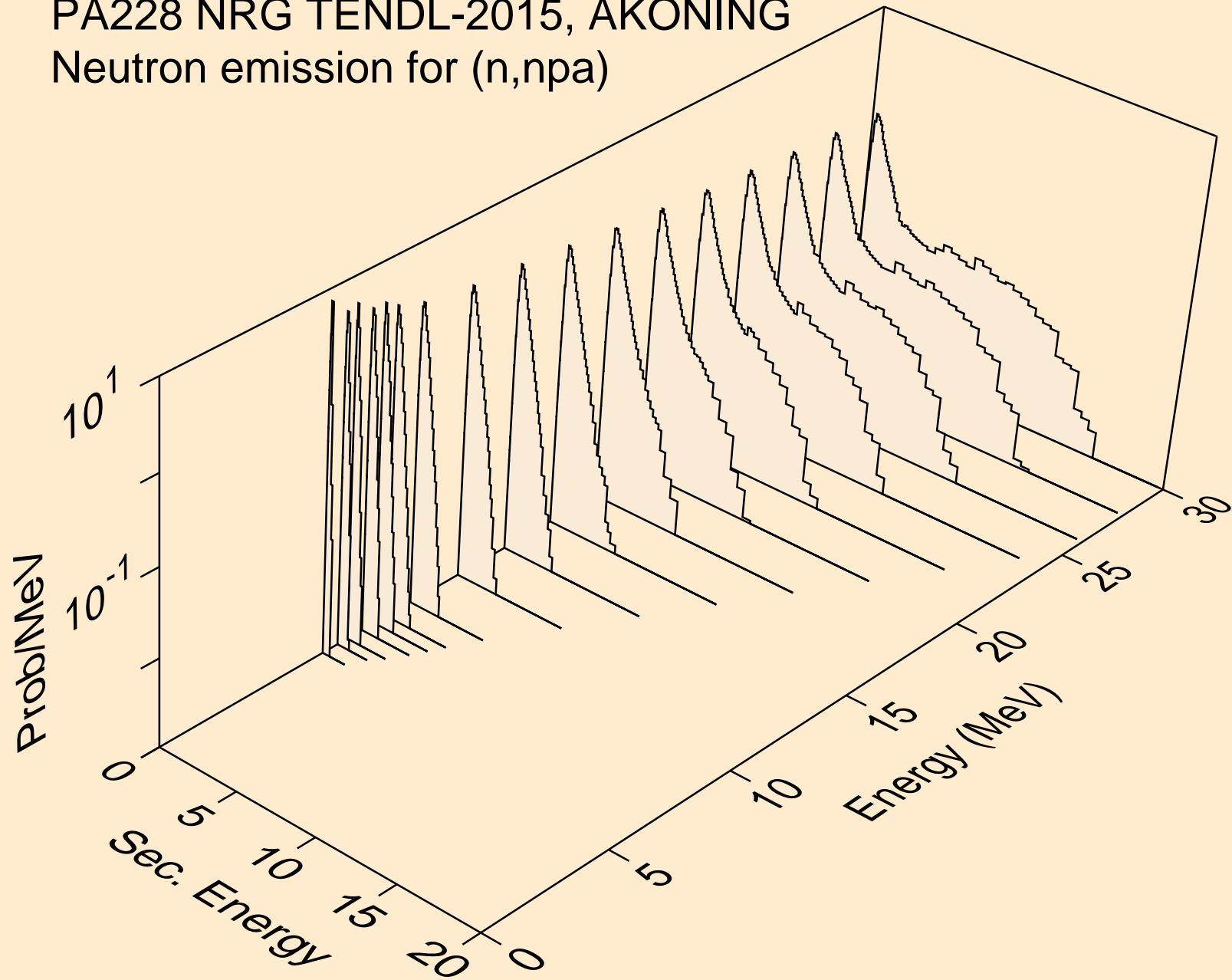
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



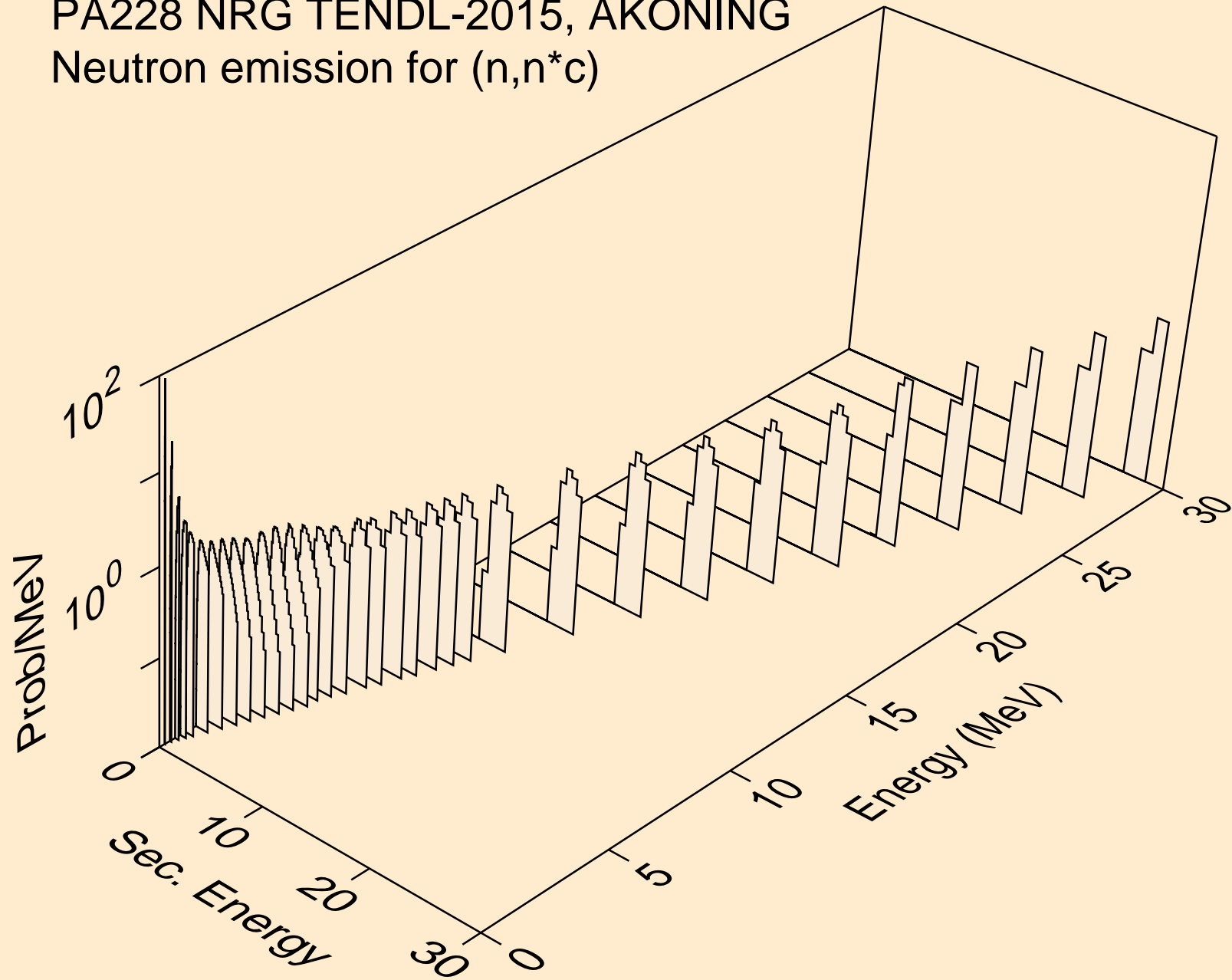
PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

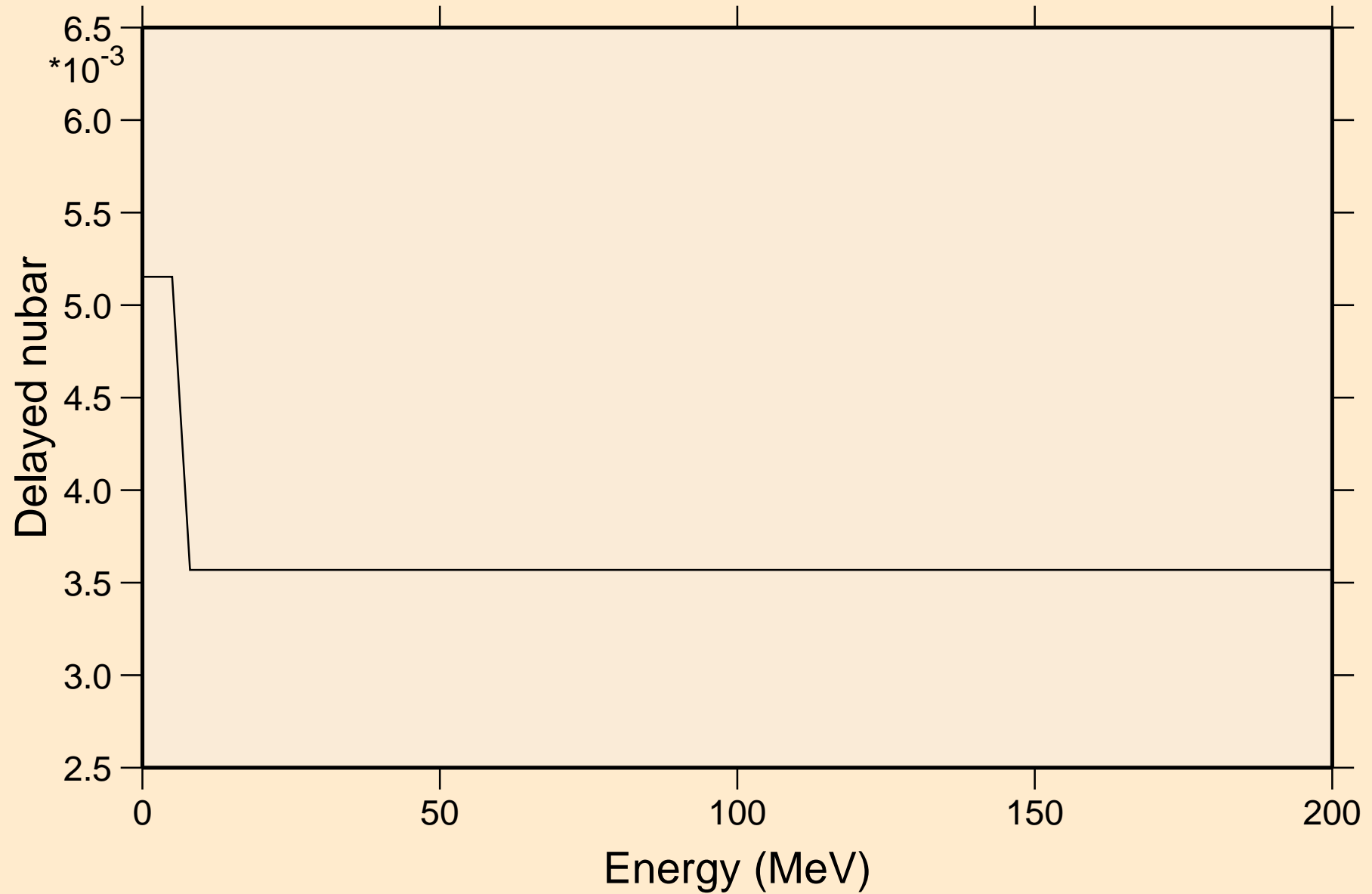


PA228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



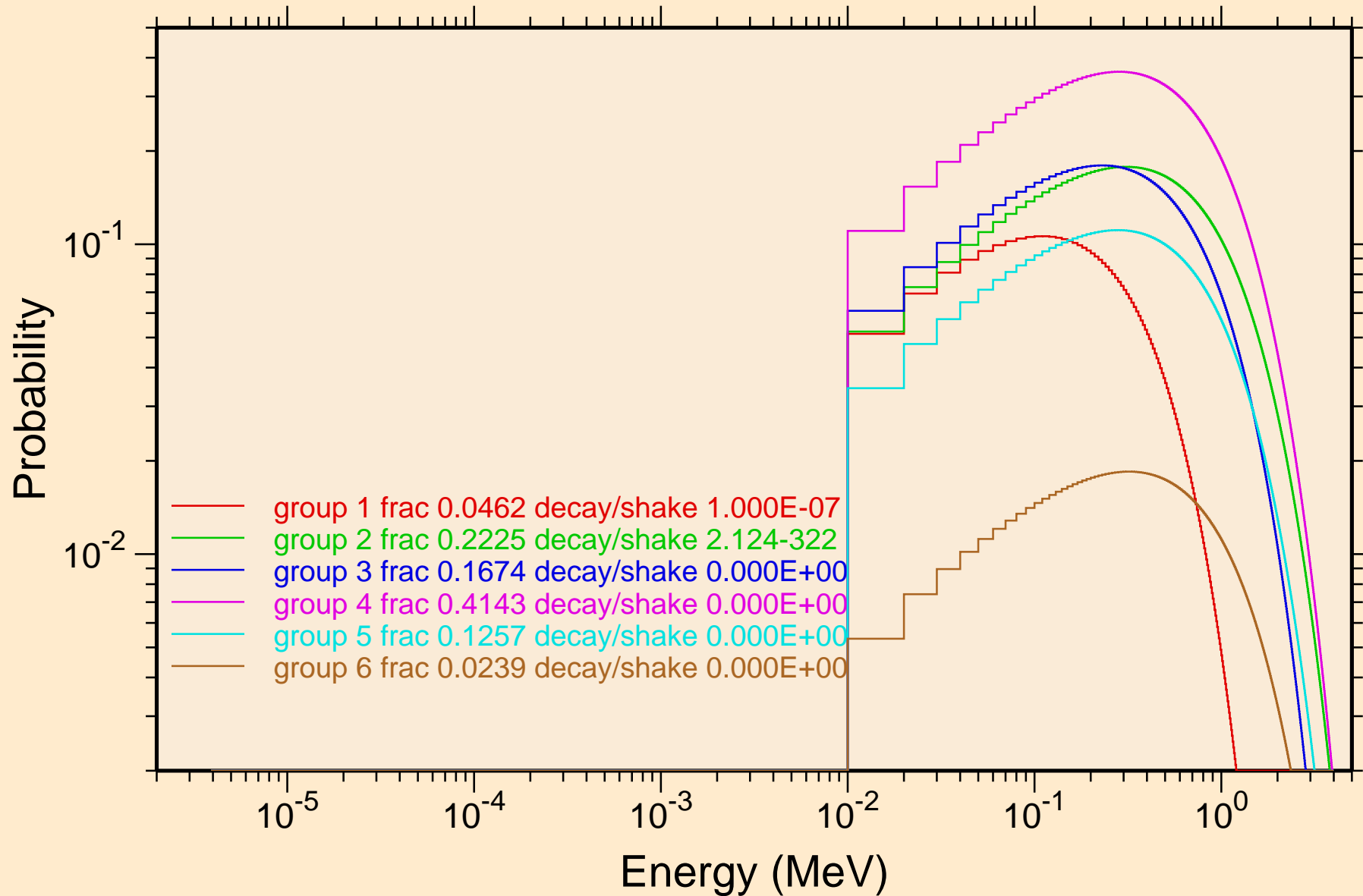
# PA228 NRG TENDL-2015, AKONING

Delayed nubar

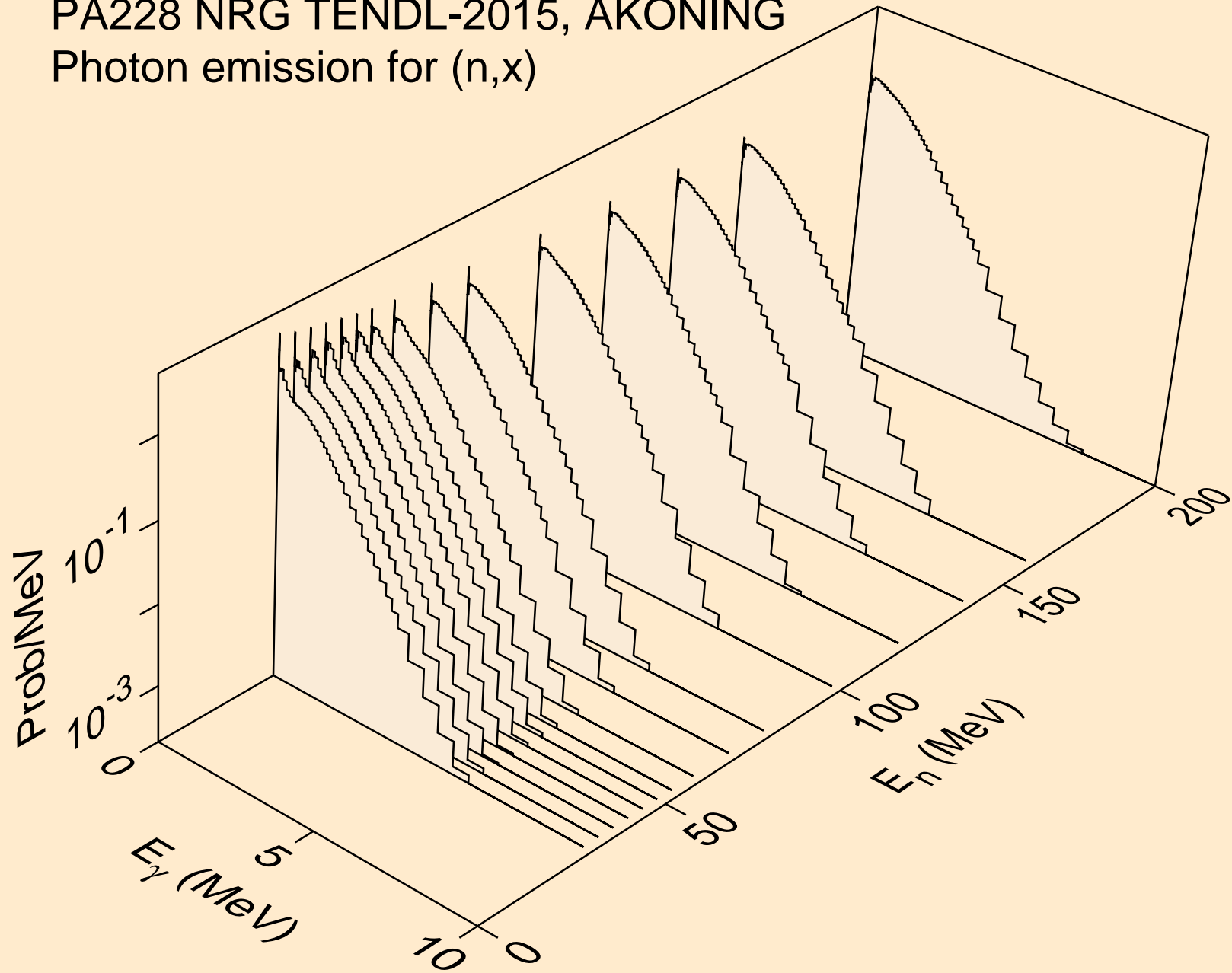


# PA228 NRG TENDL-2015, AKONING

## Delayed neutron spectra

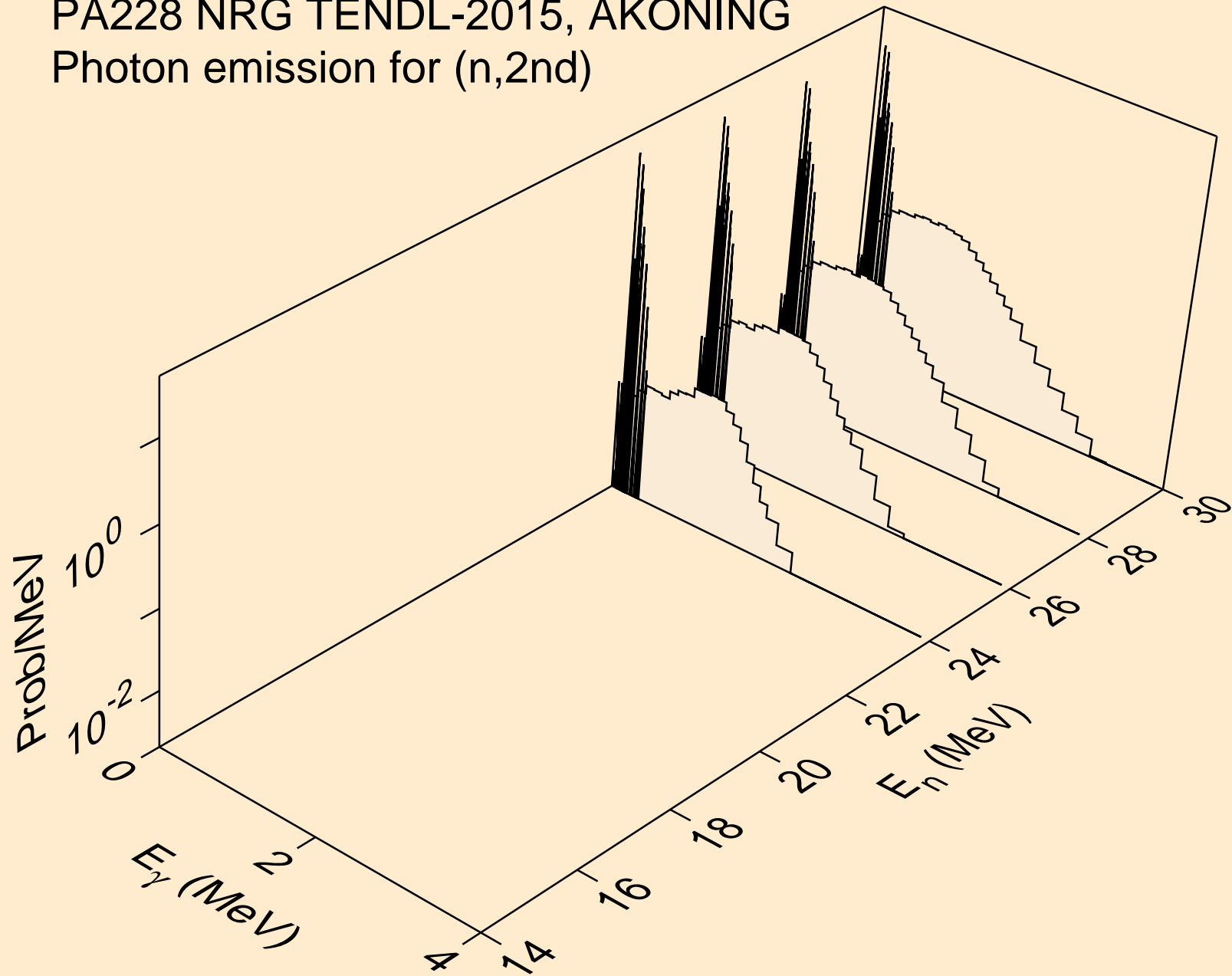


PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

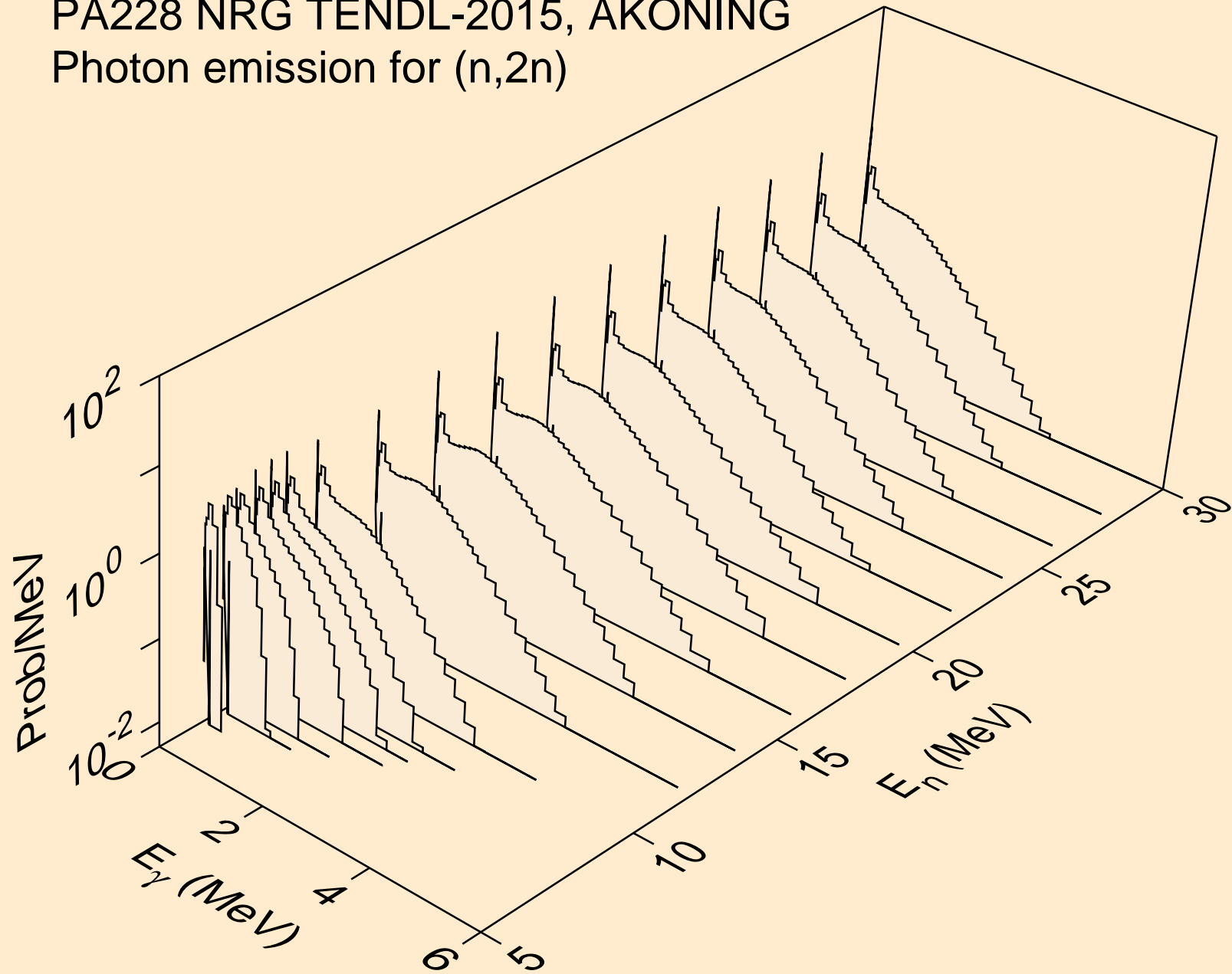




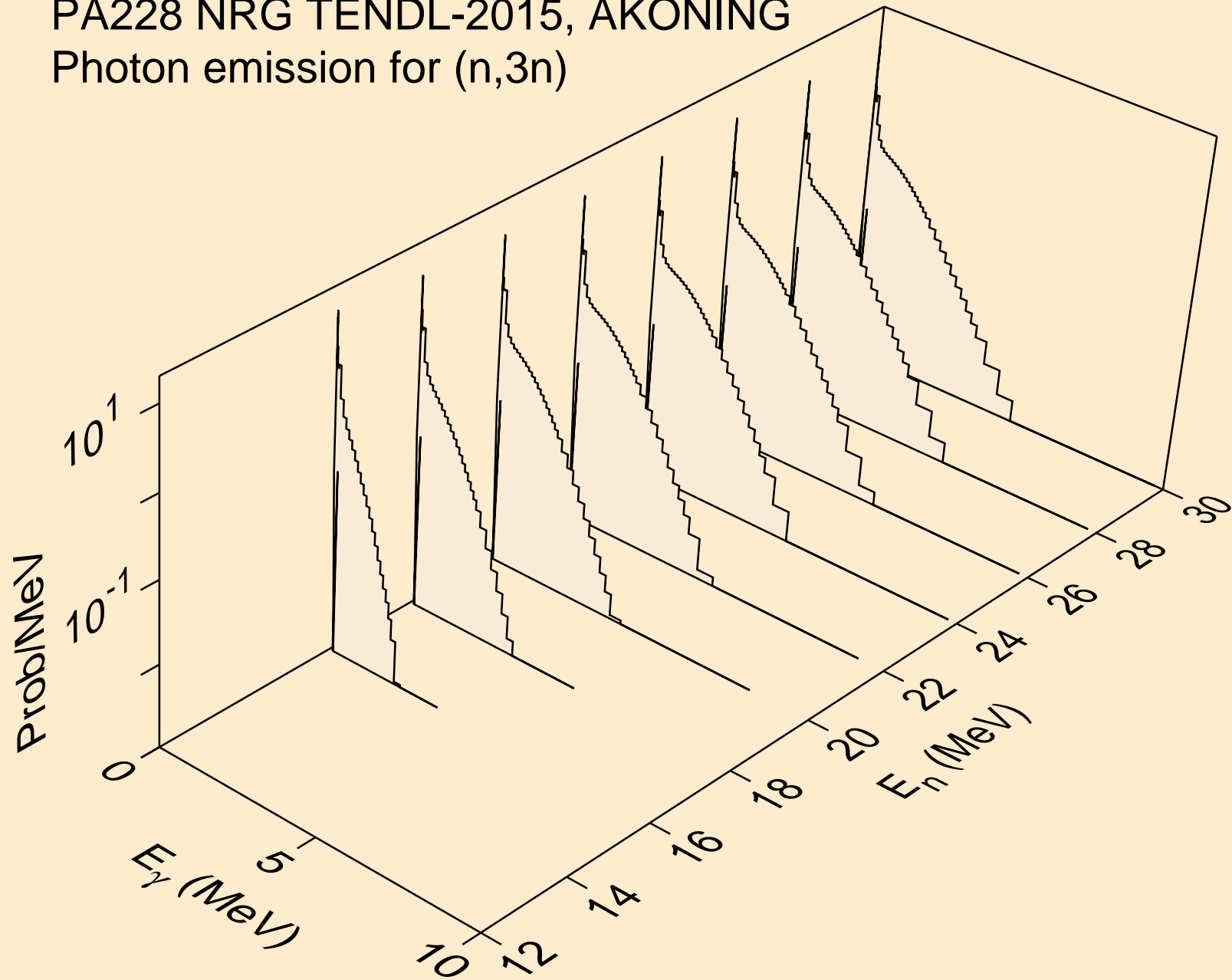
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



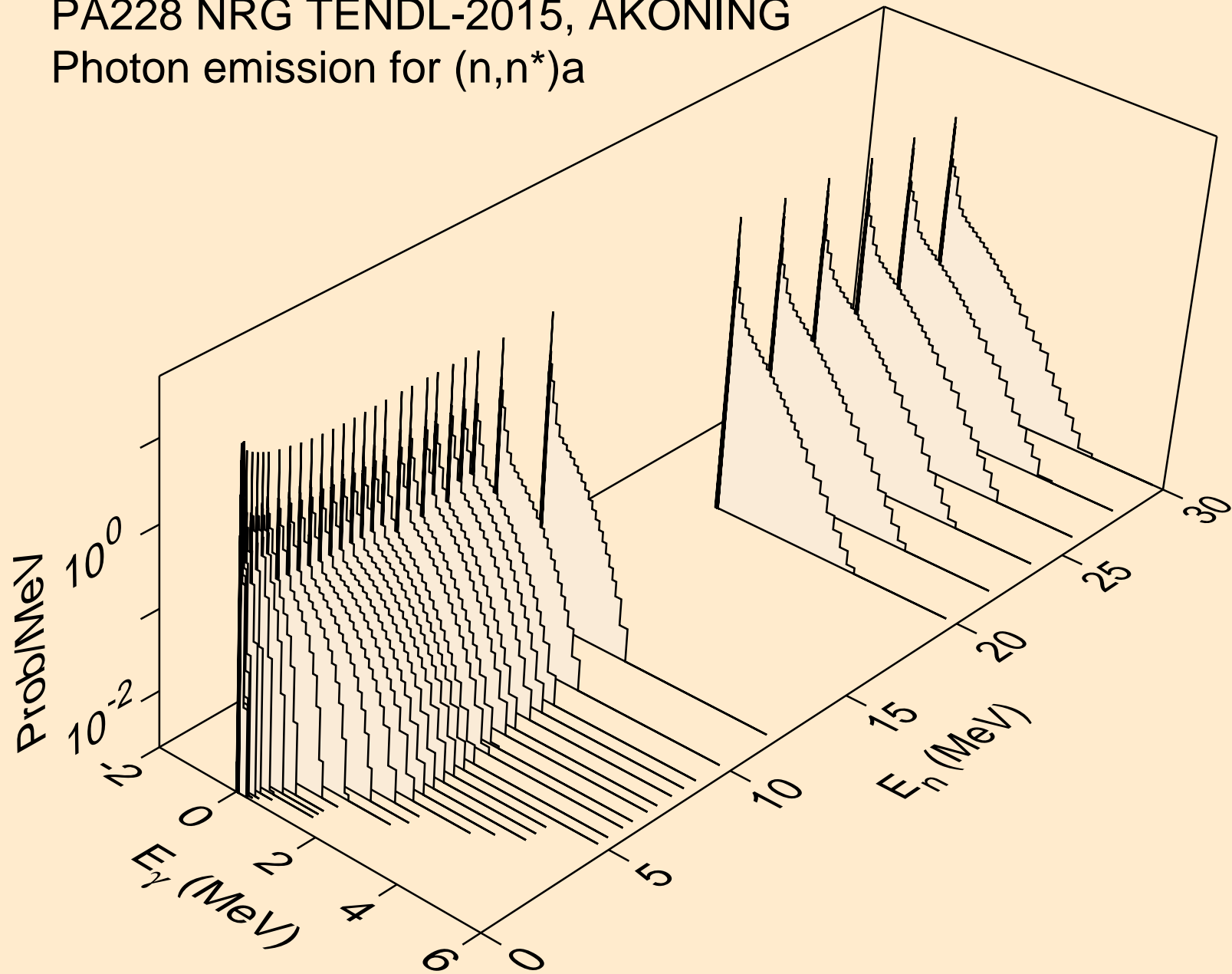
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



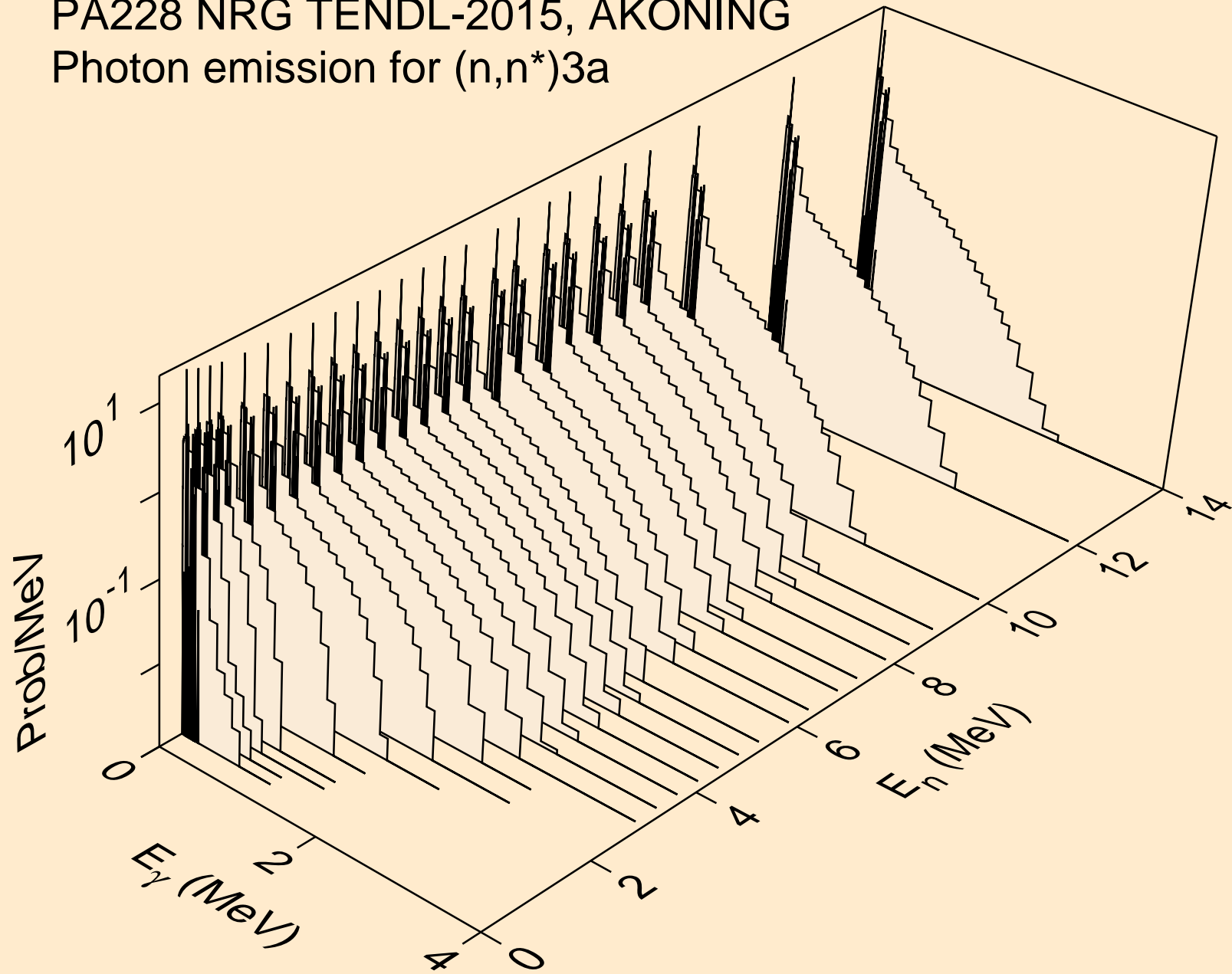
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



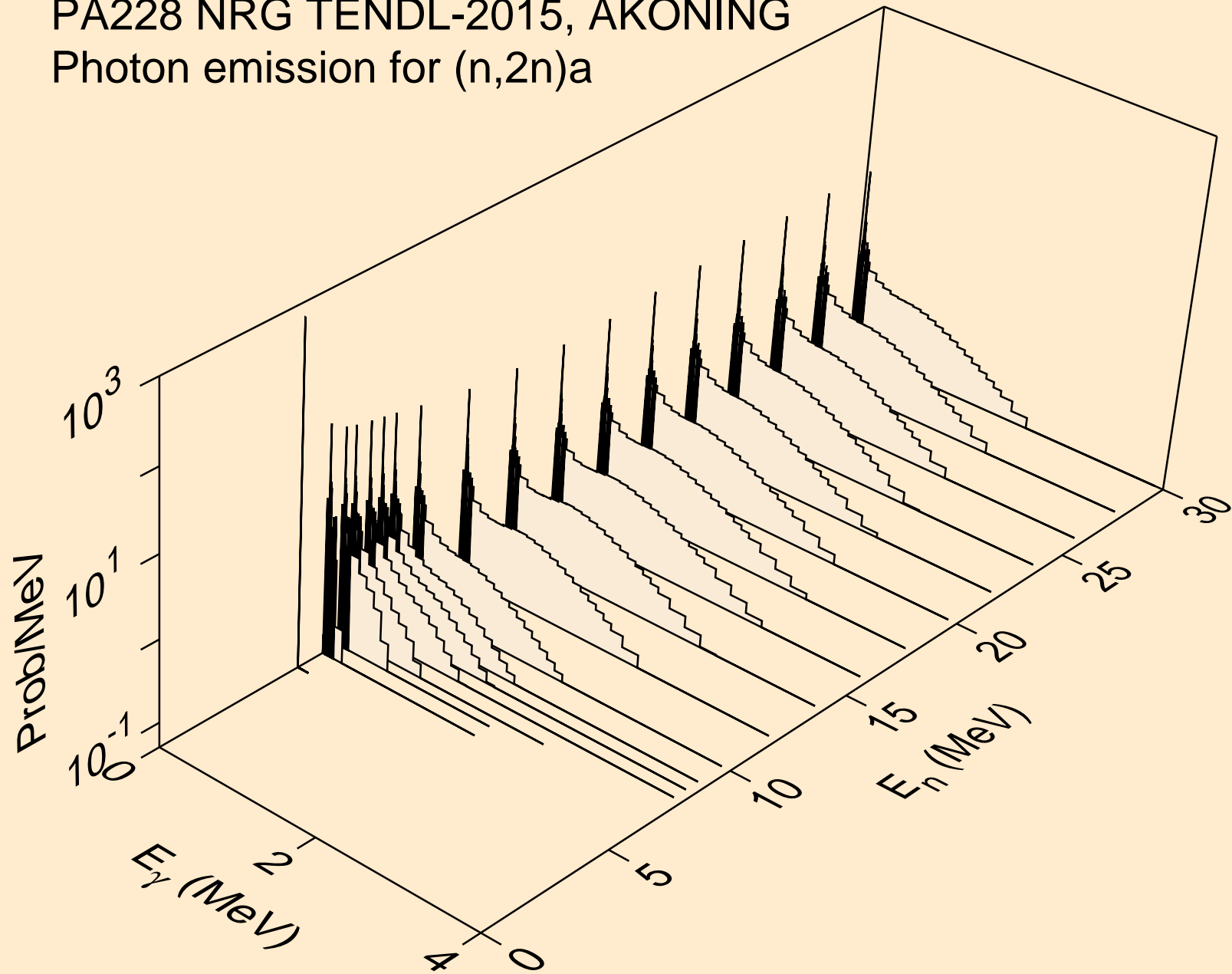
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



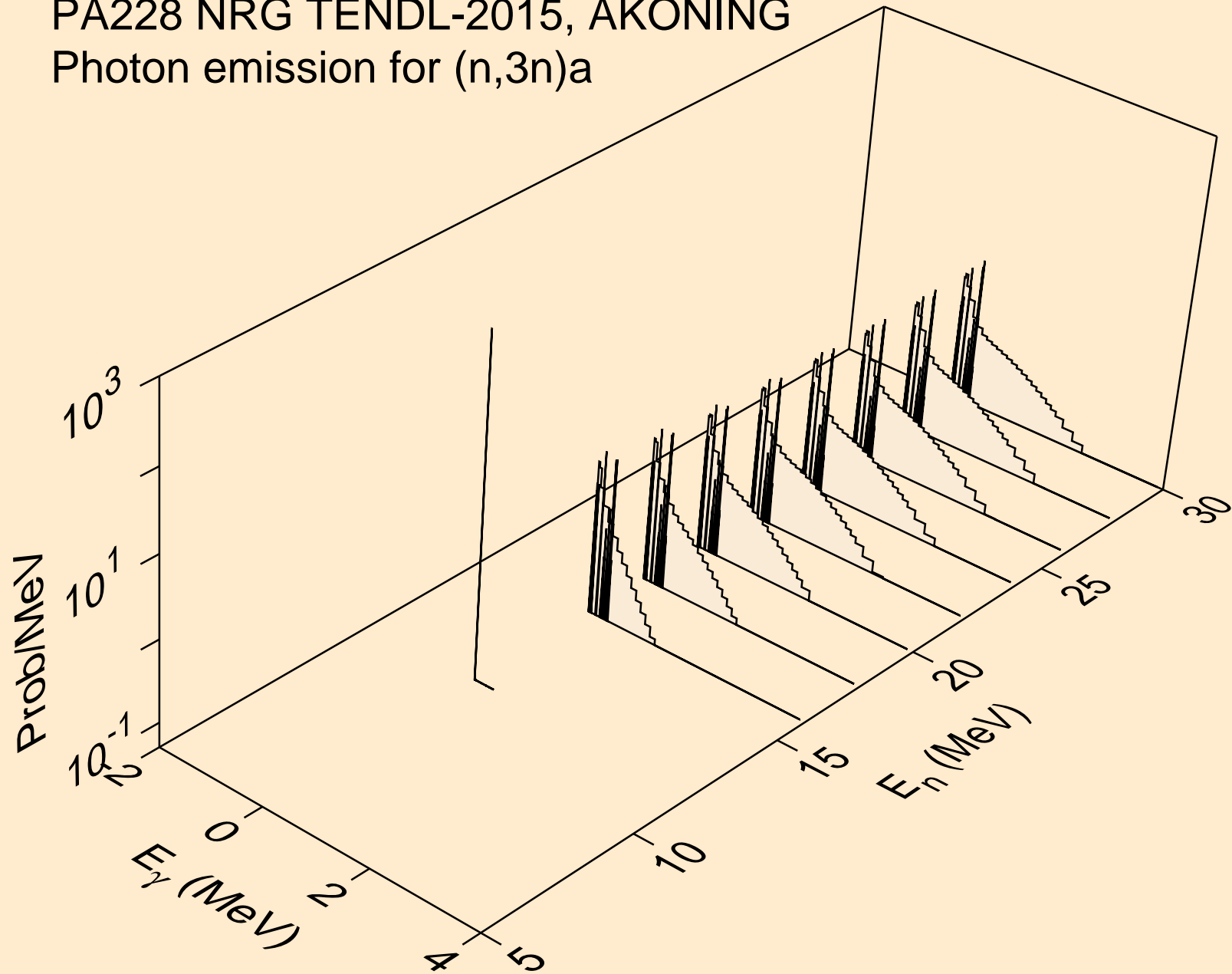
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



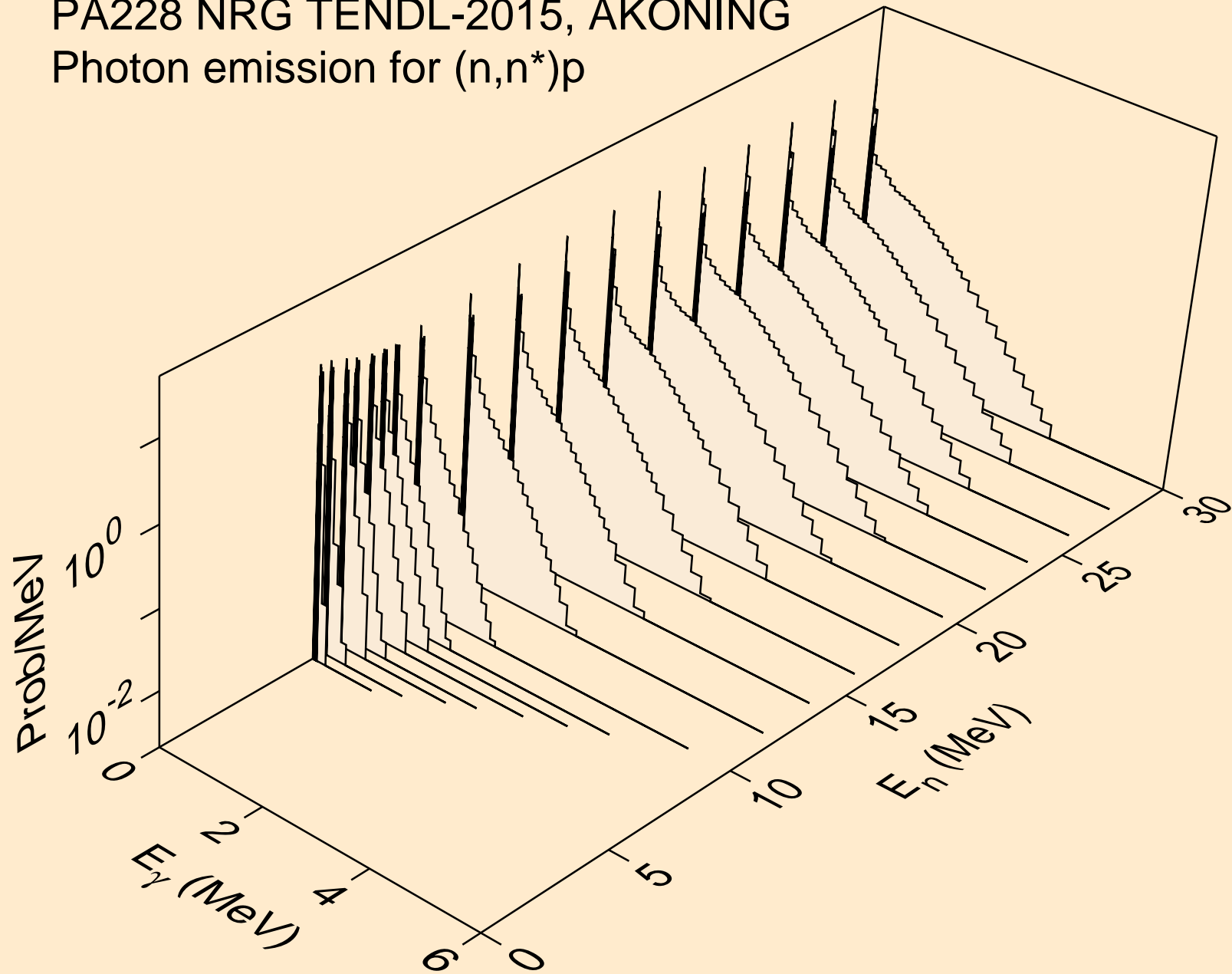
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

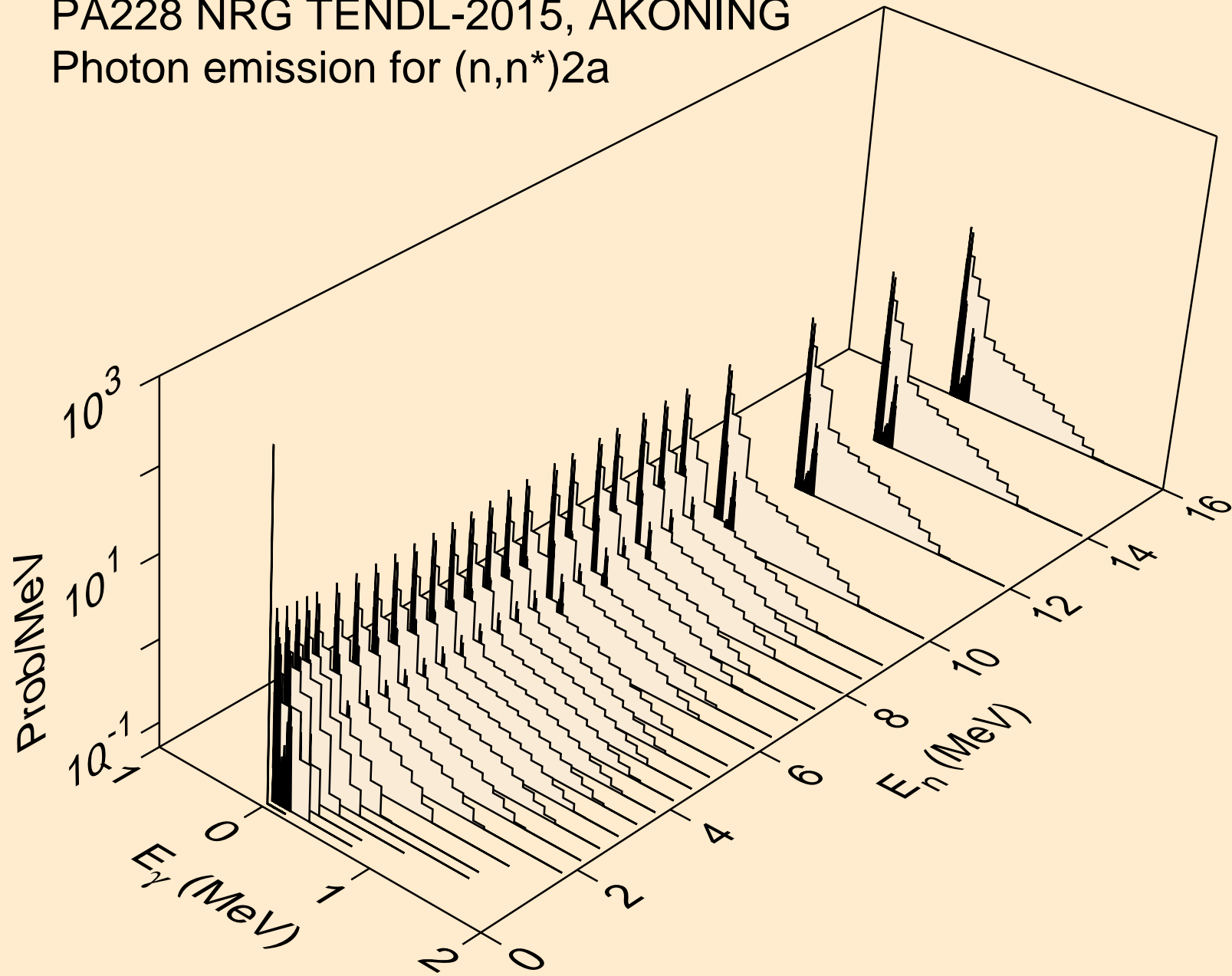


PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

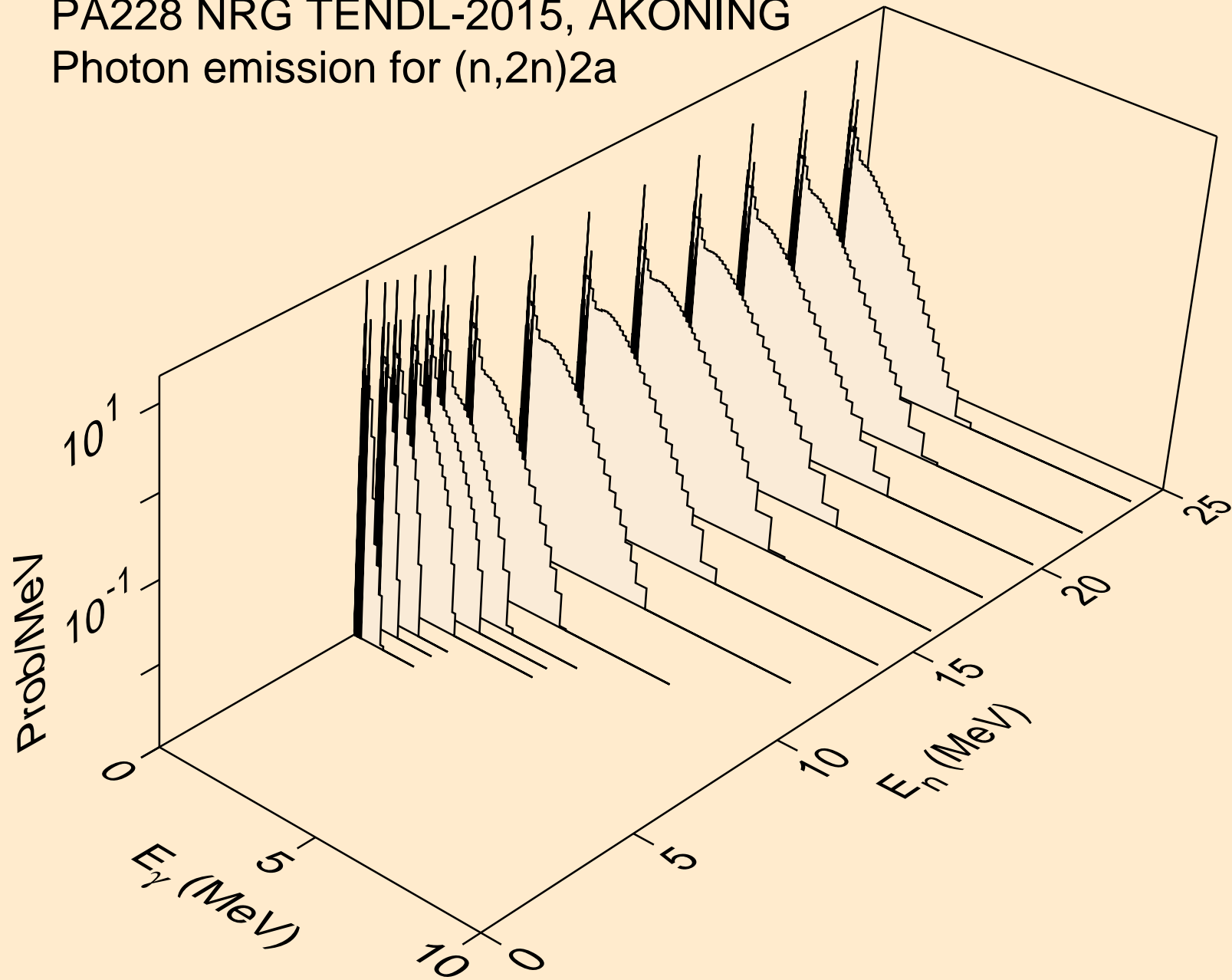




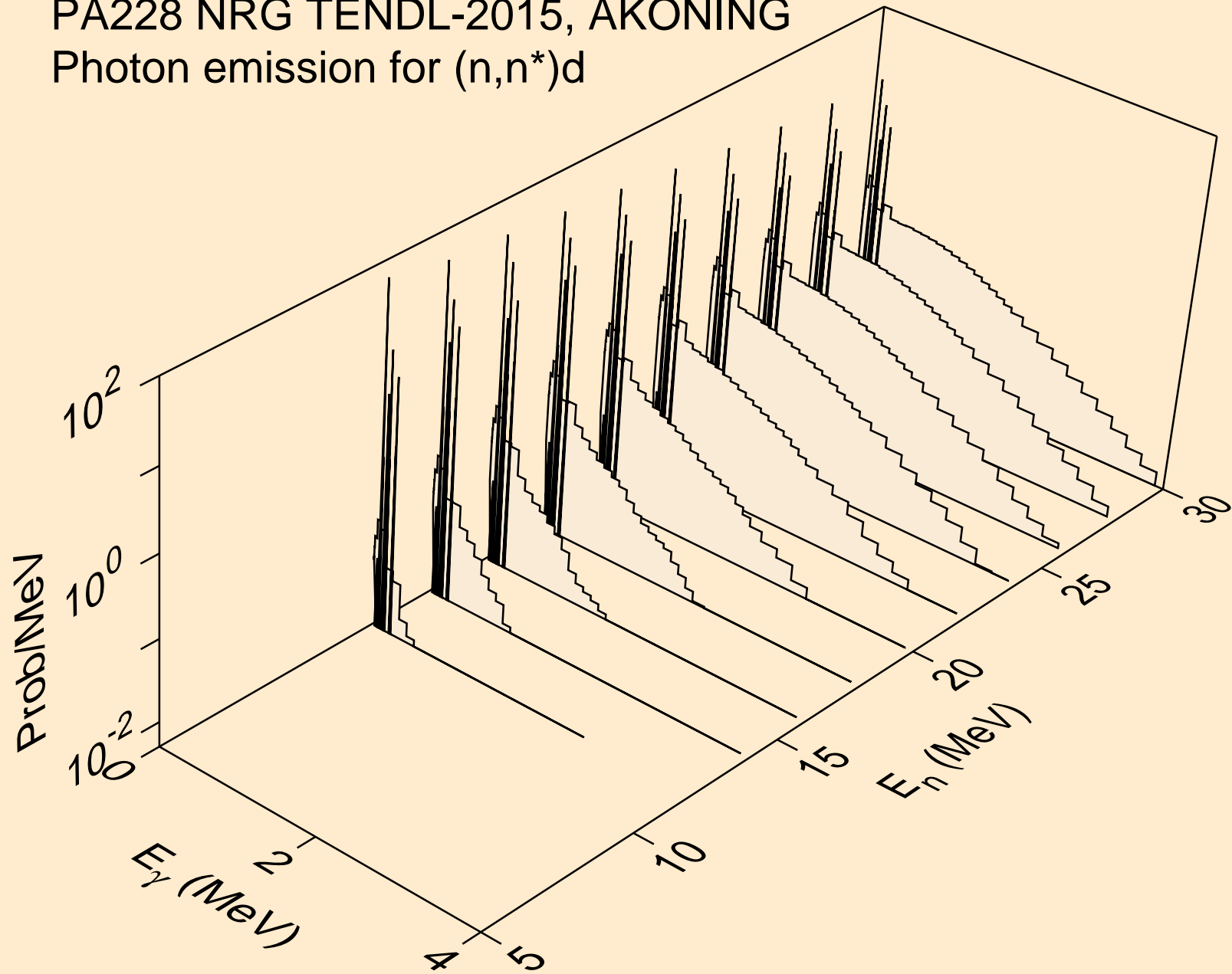
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



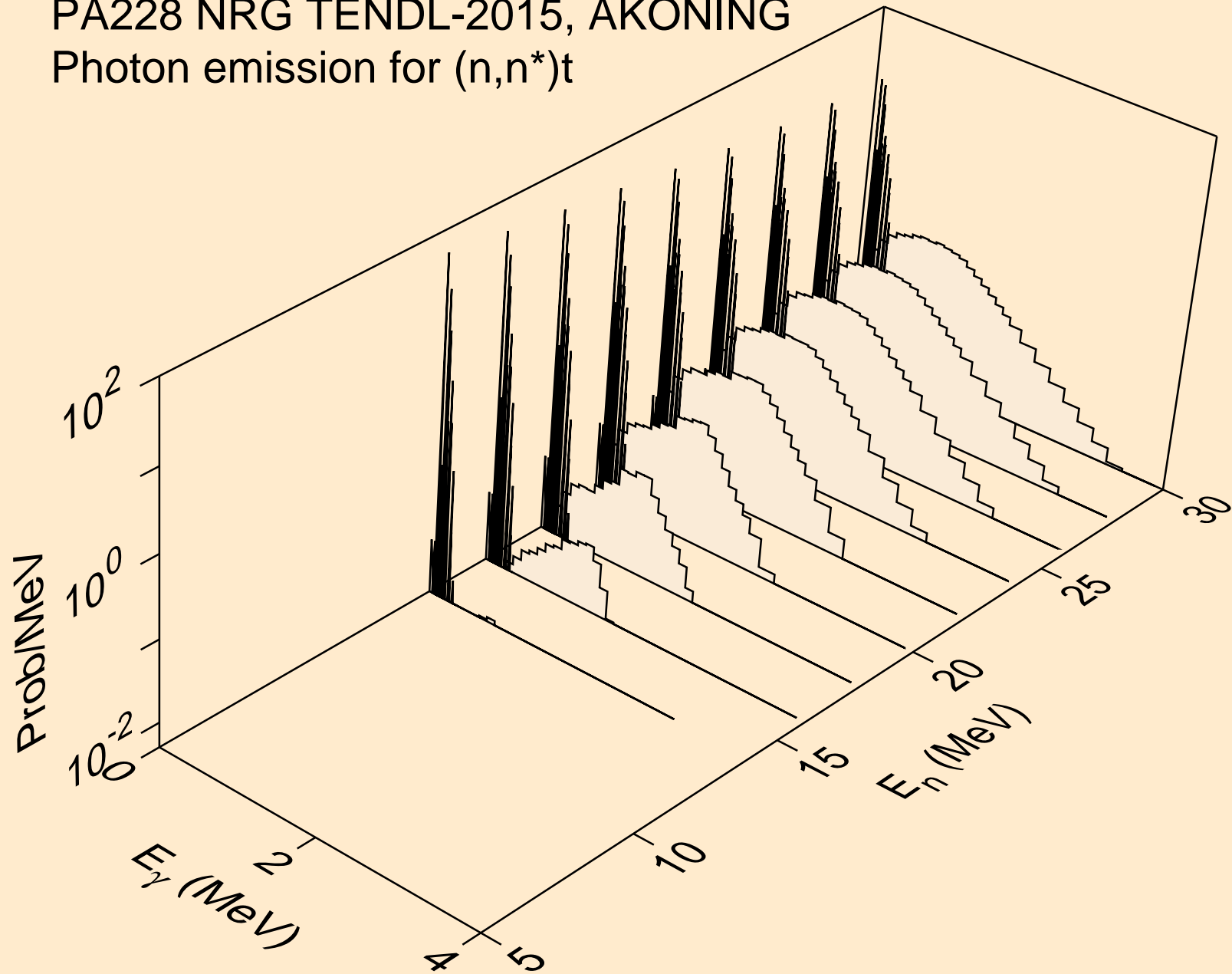
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



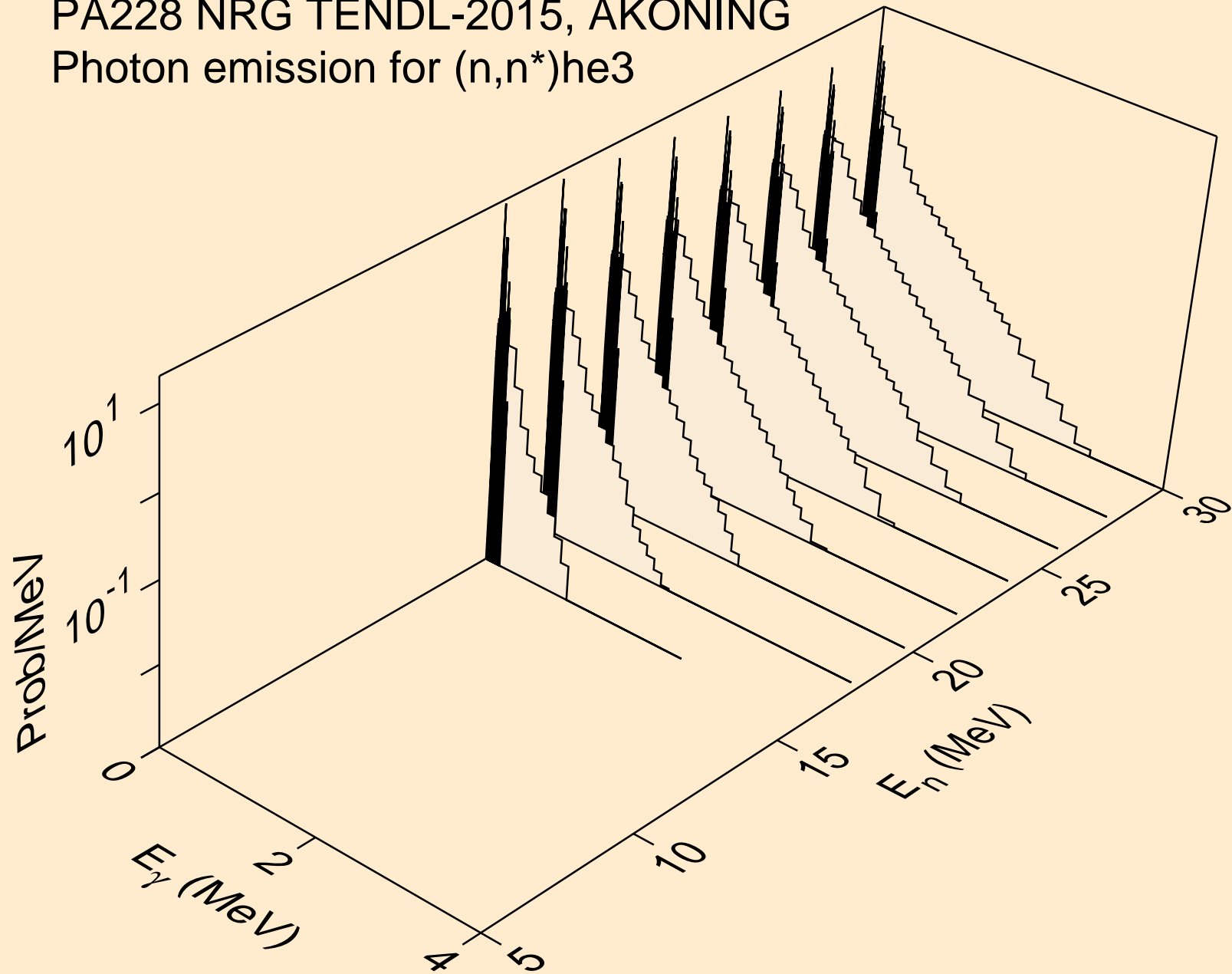
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



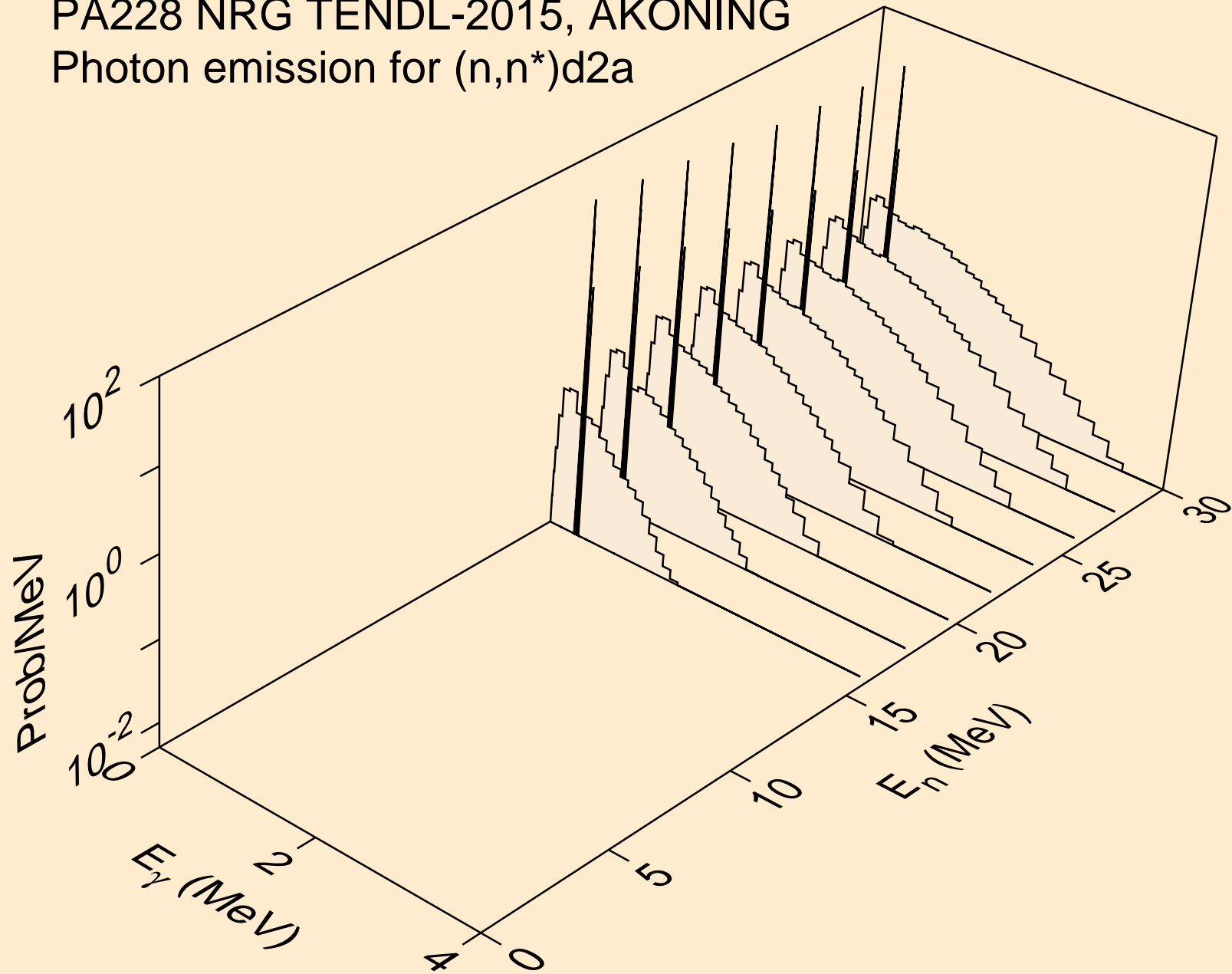
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



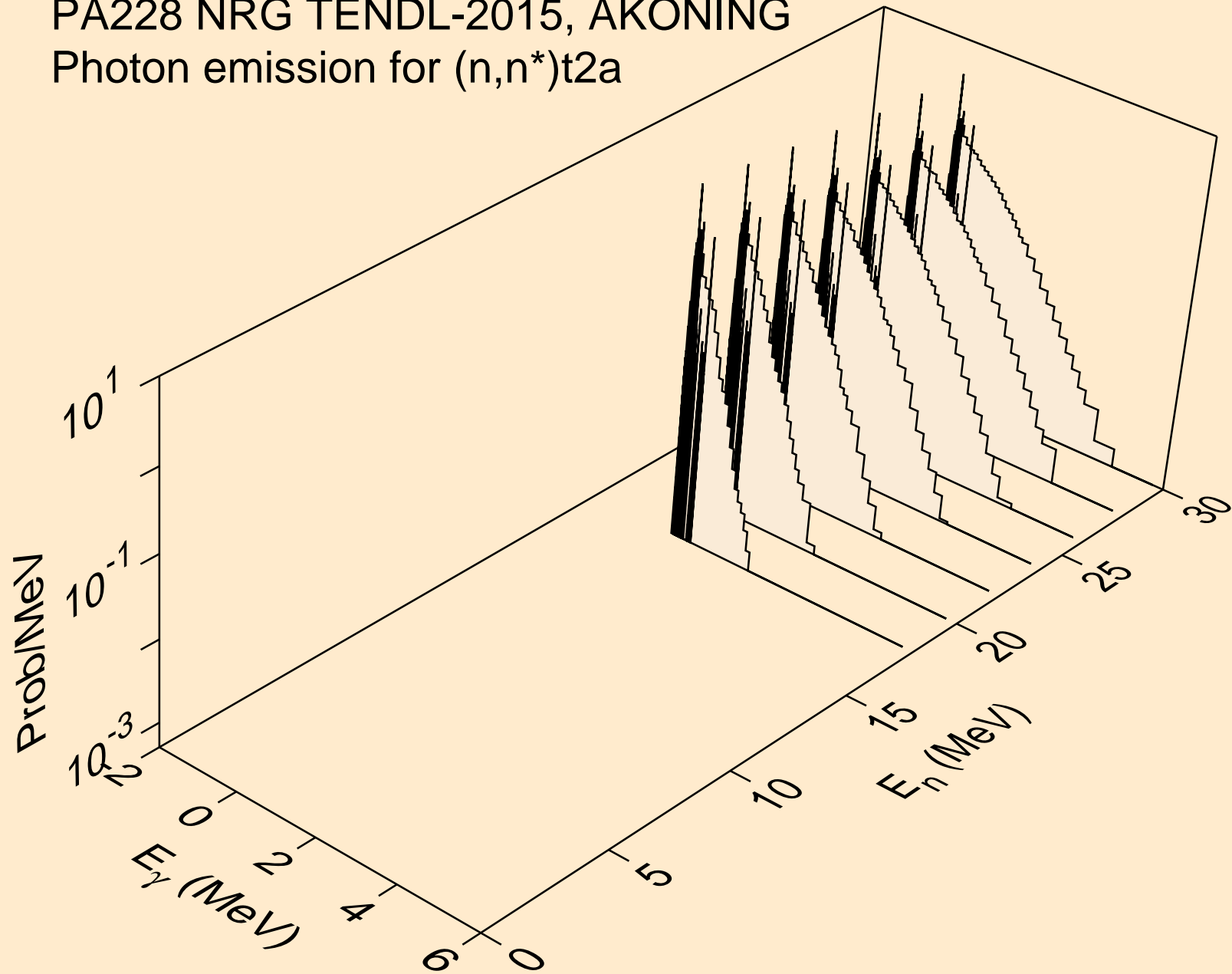
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



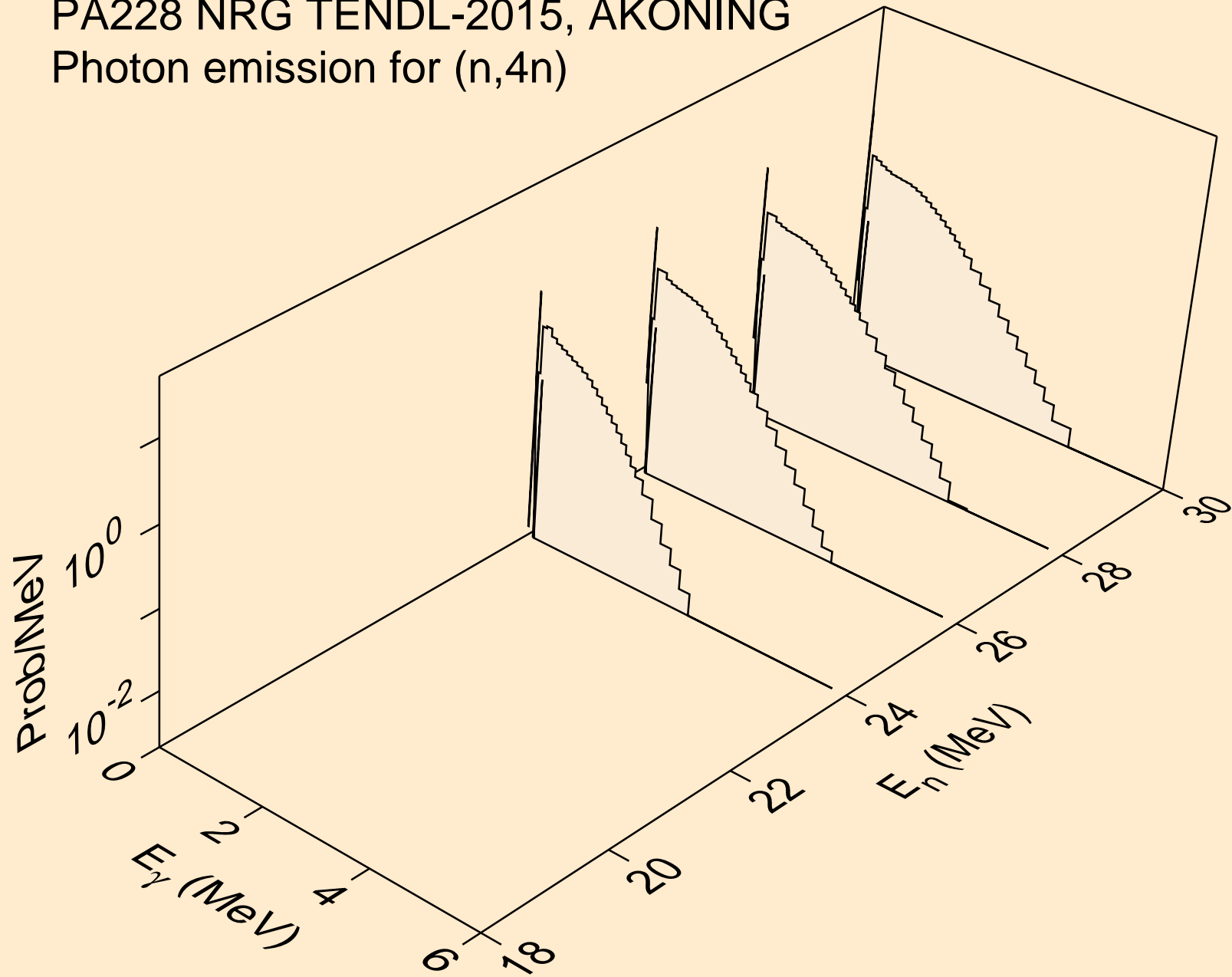
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a

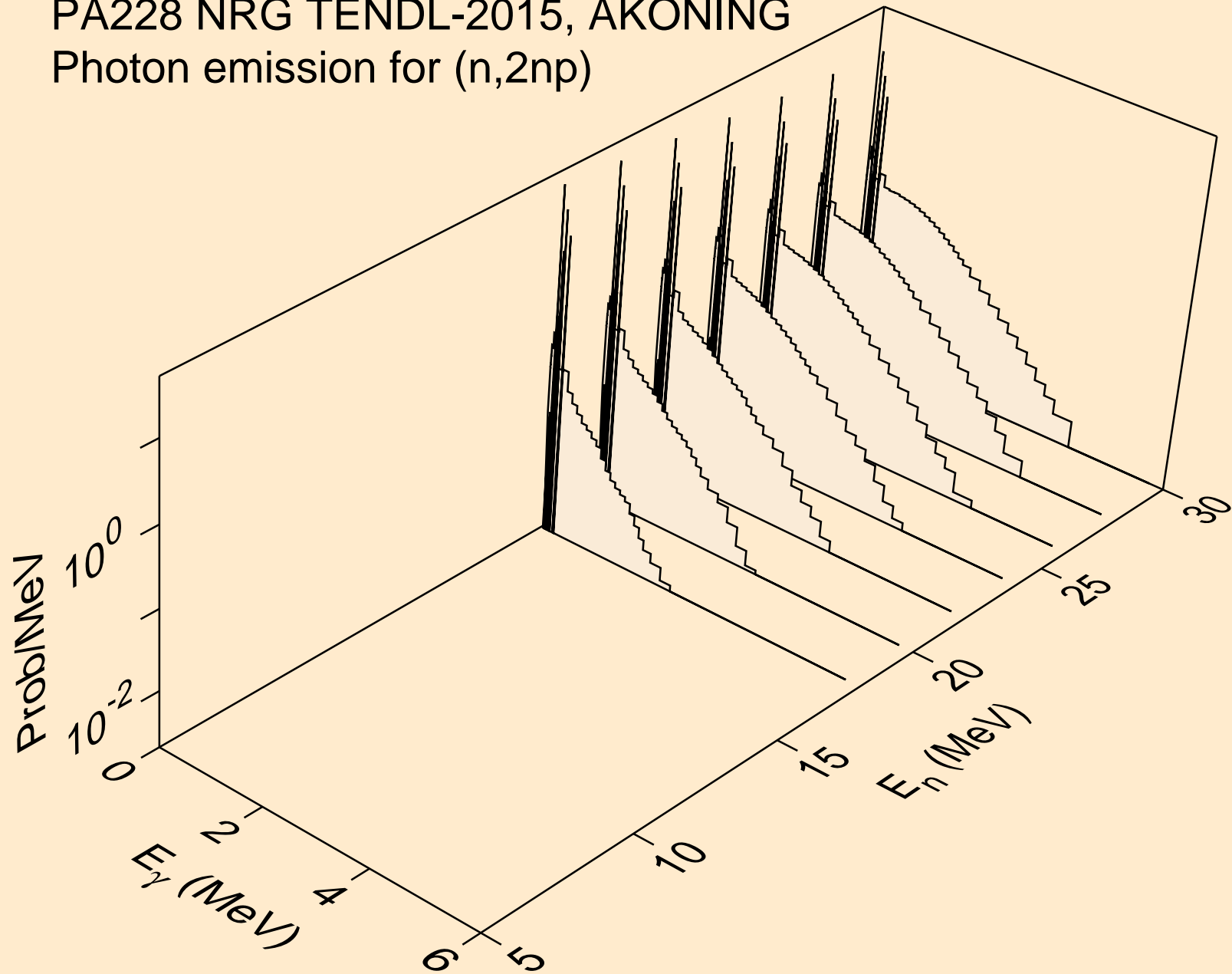


PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

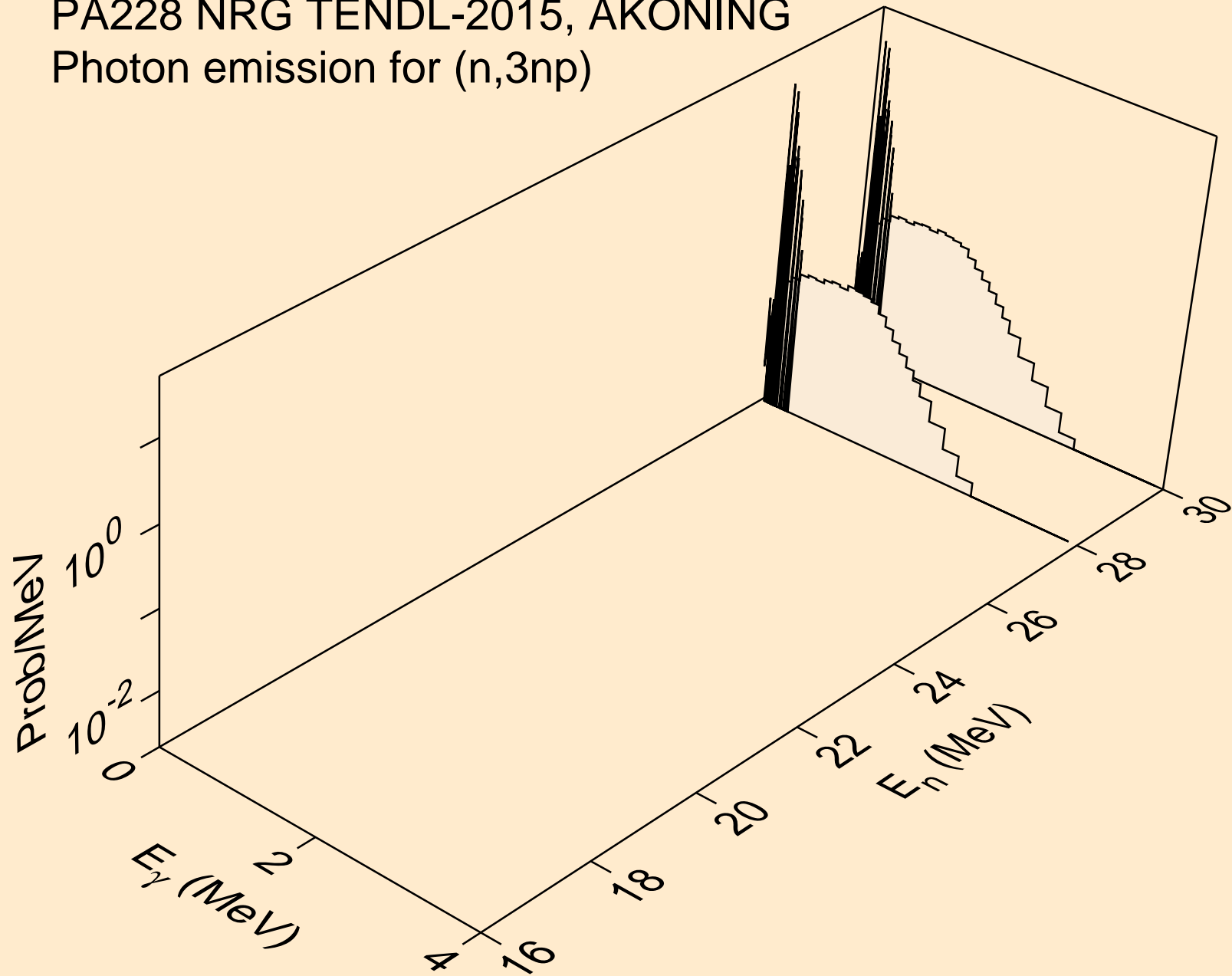




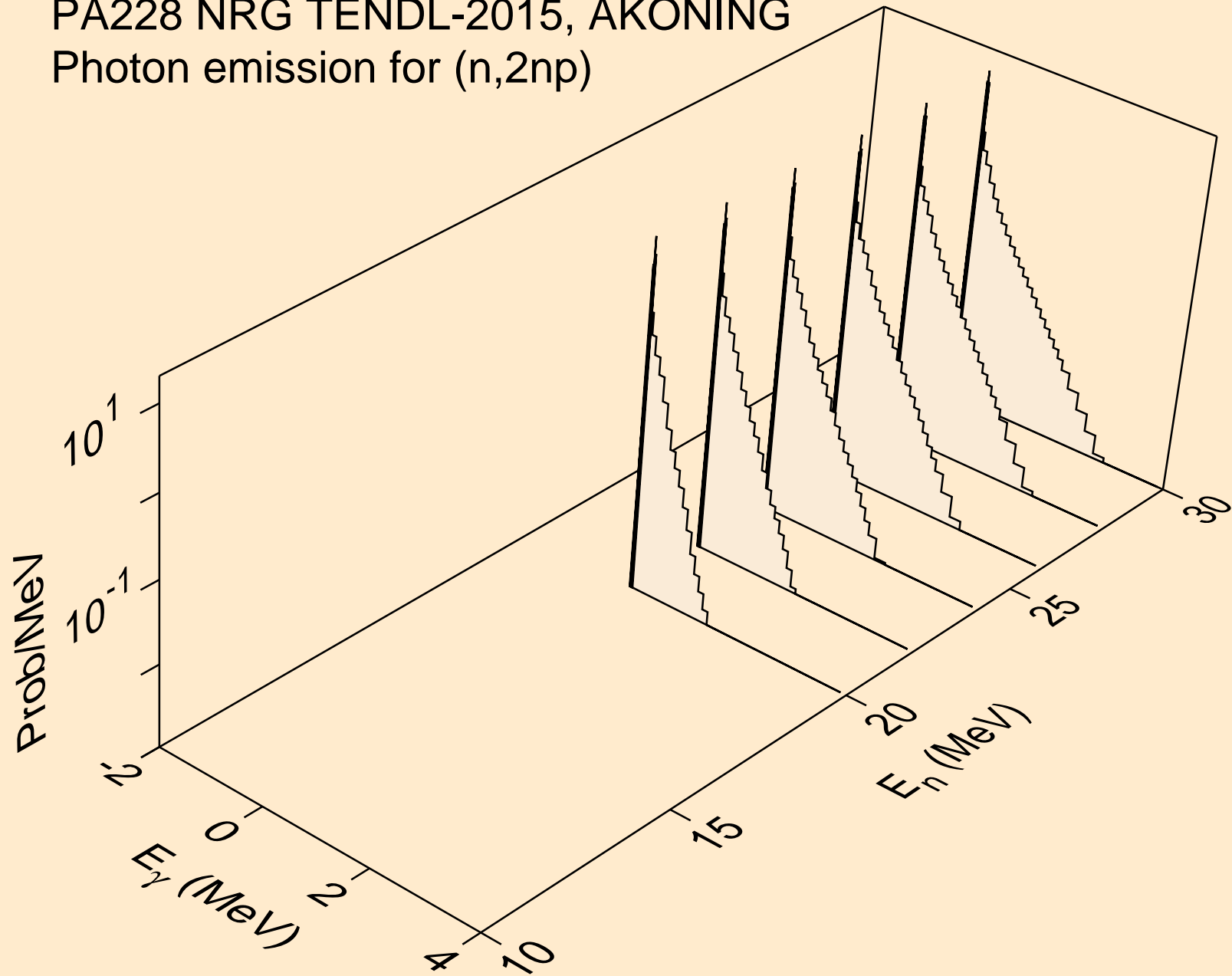
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



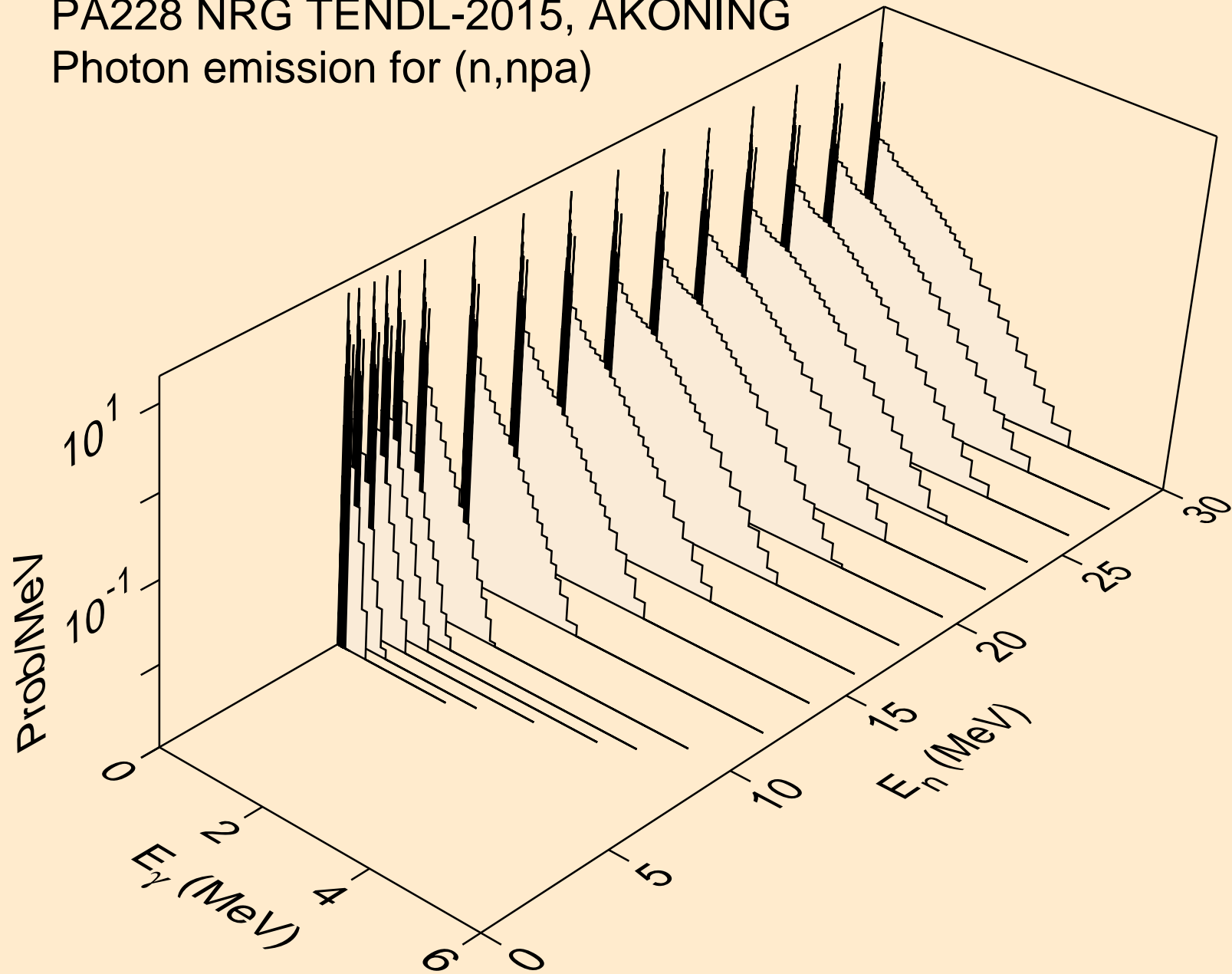
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



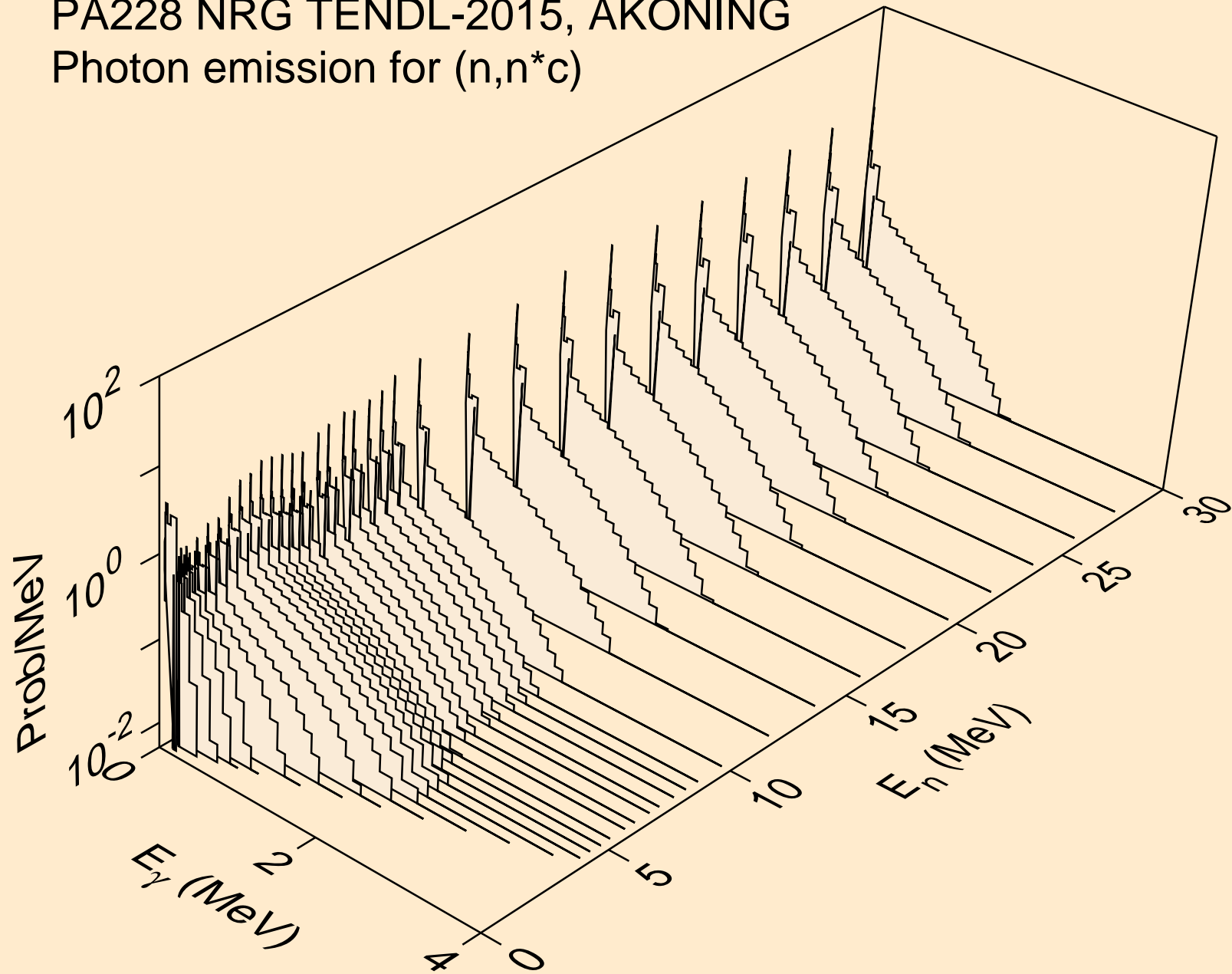
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



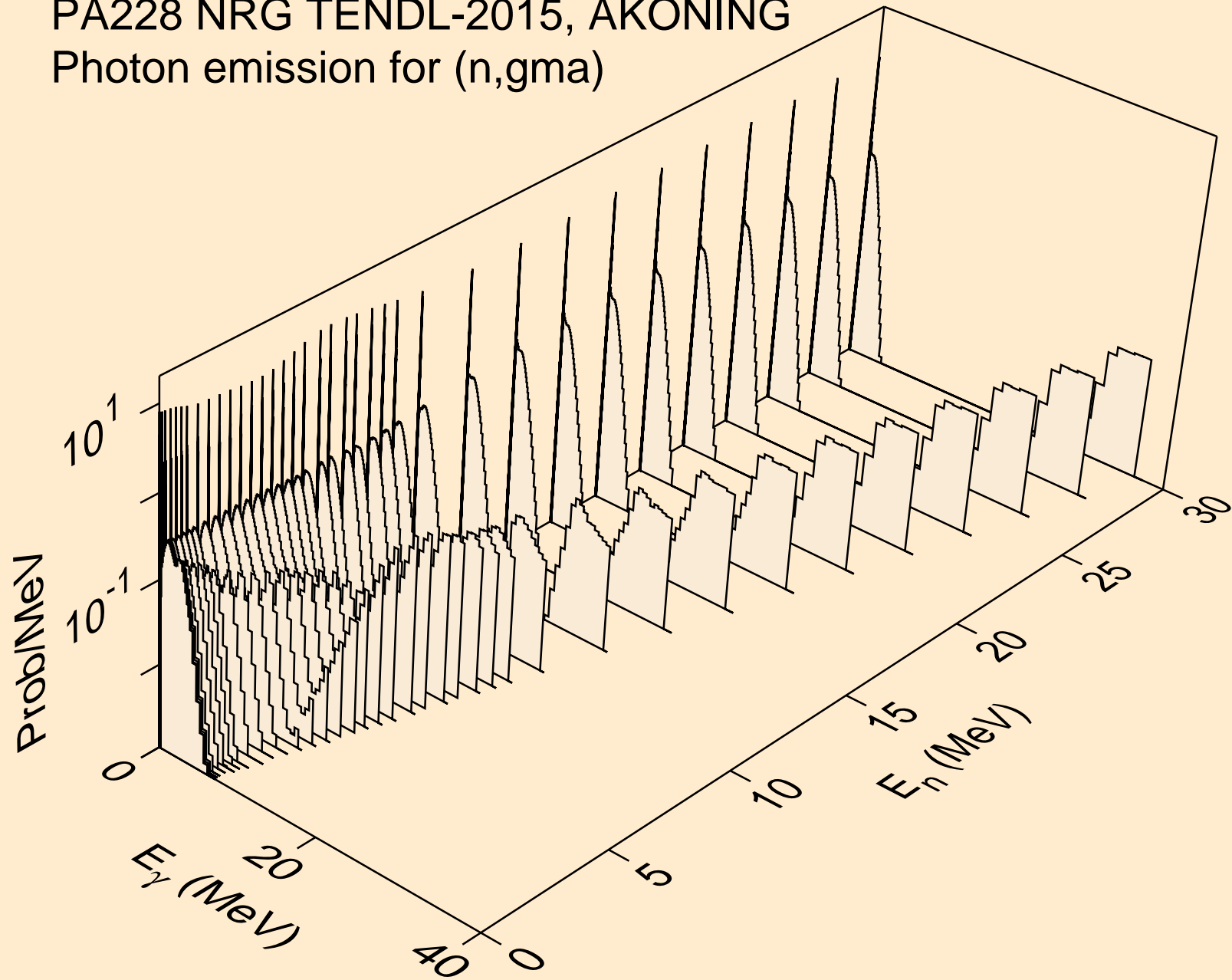
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



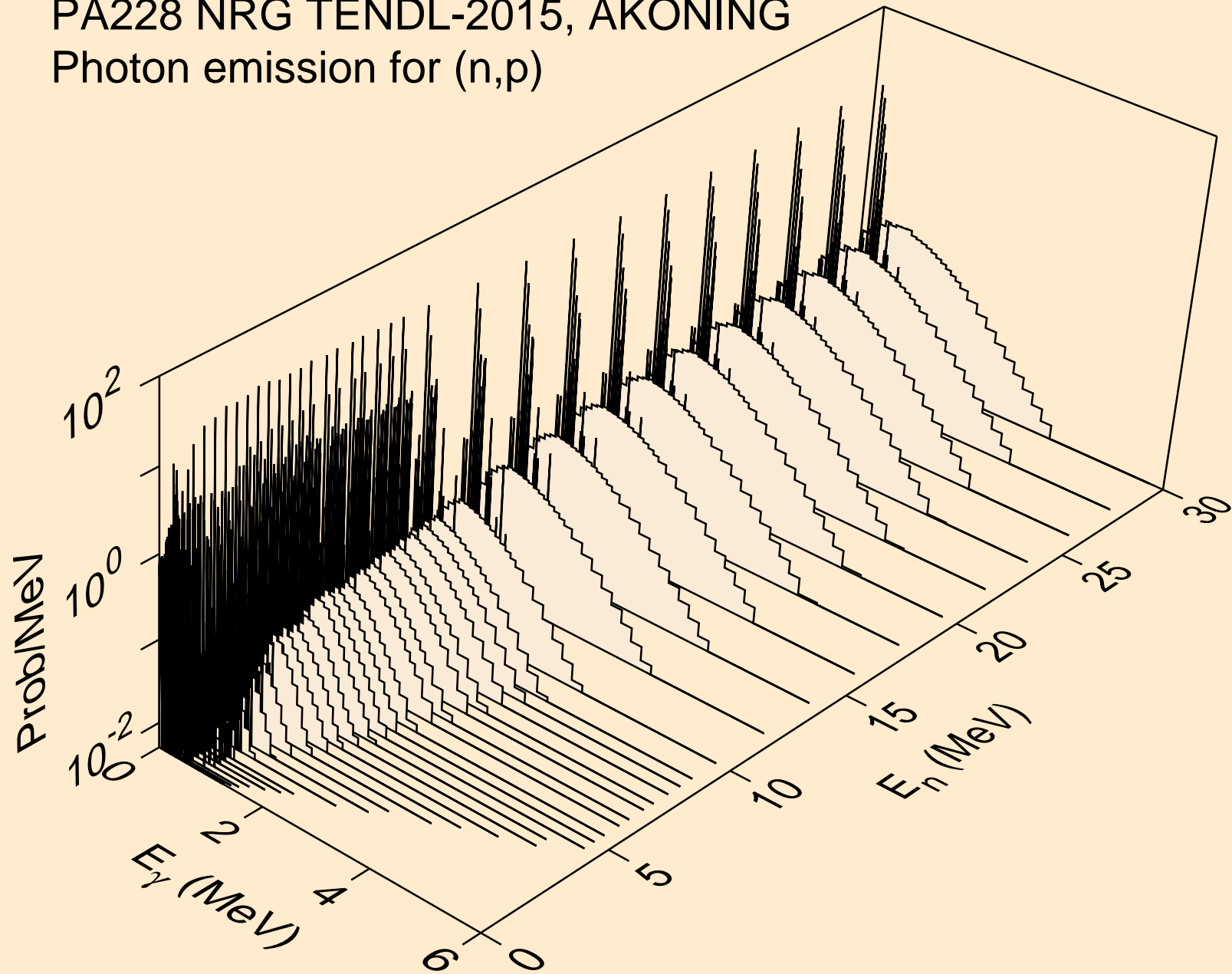
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



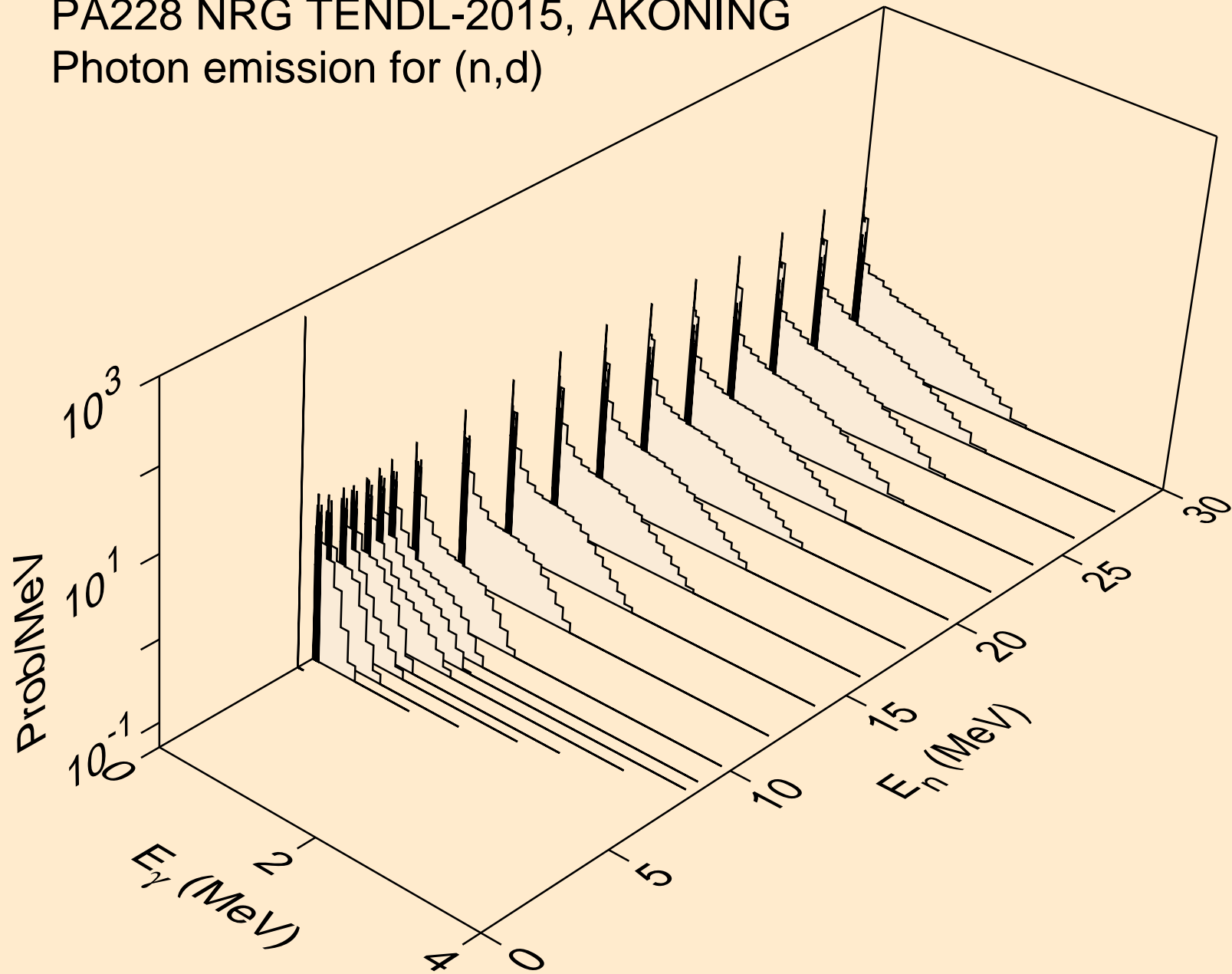
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

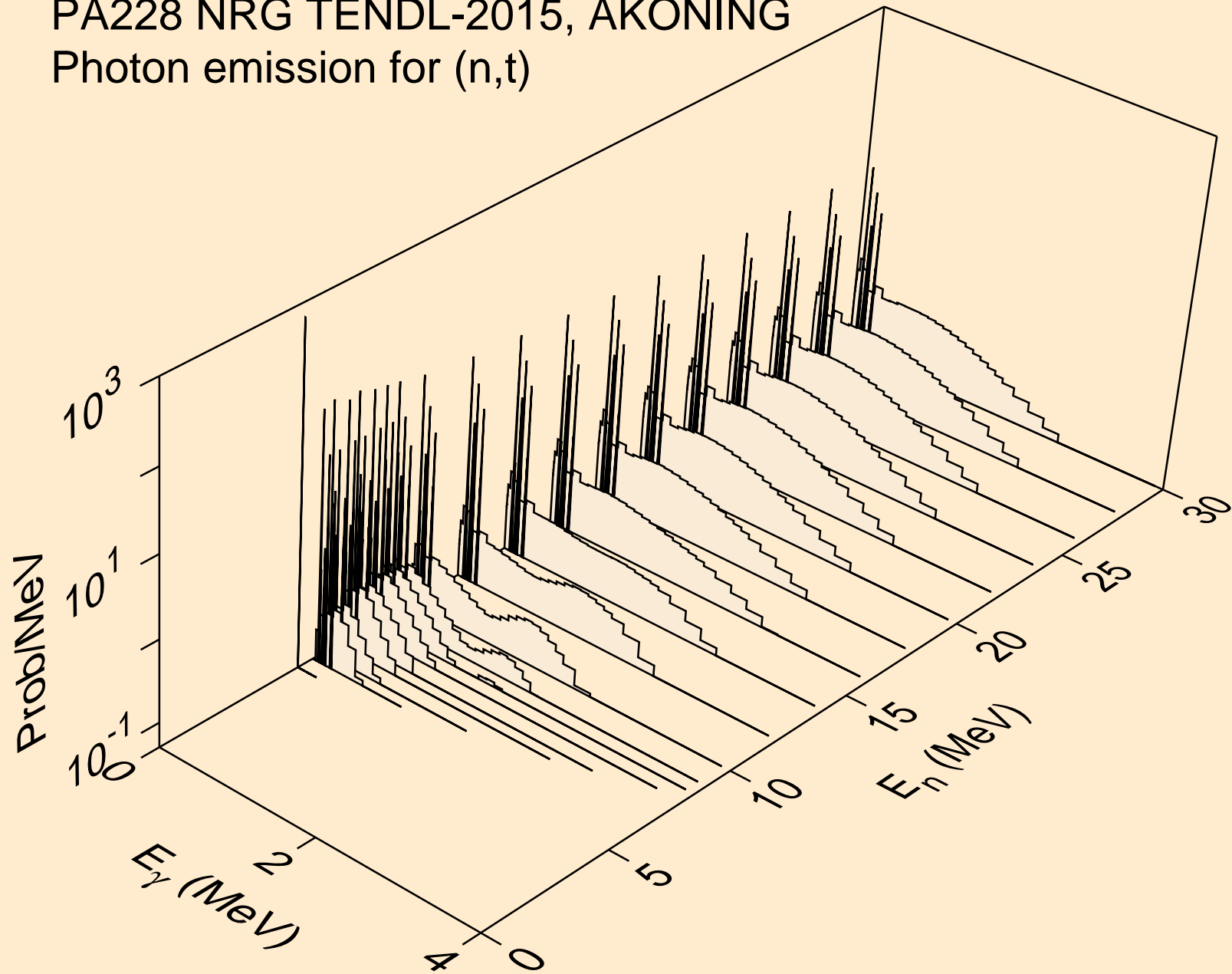


PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

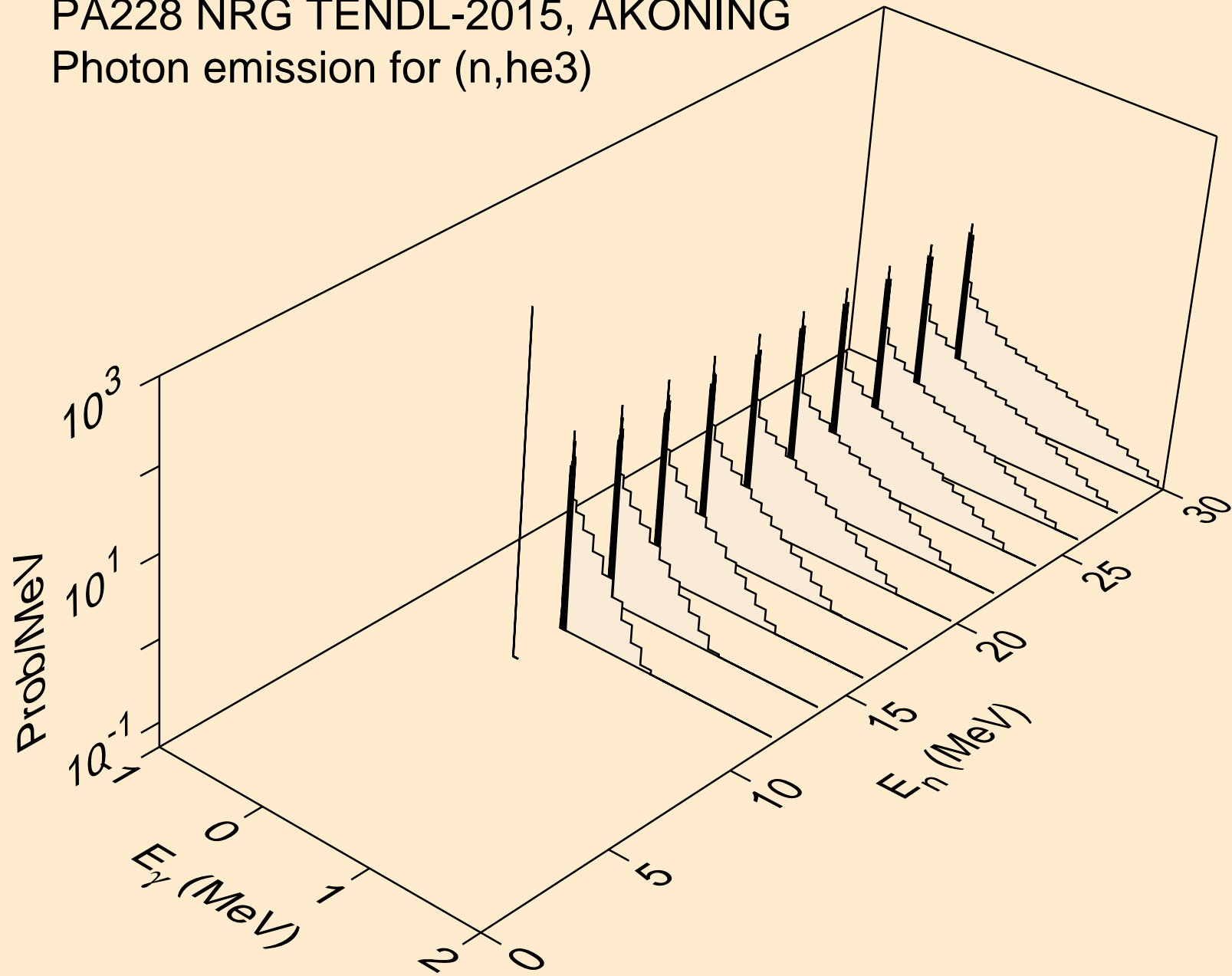




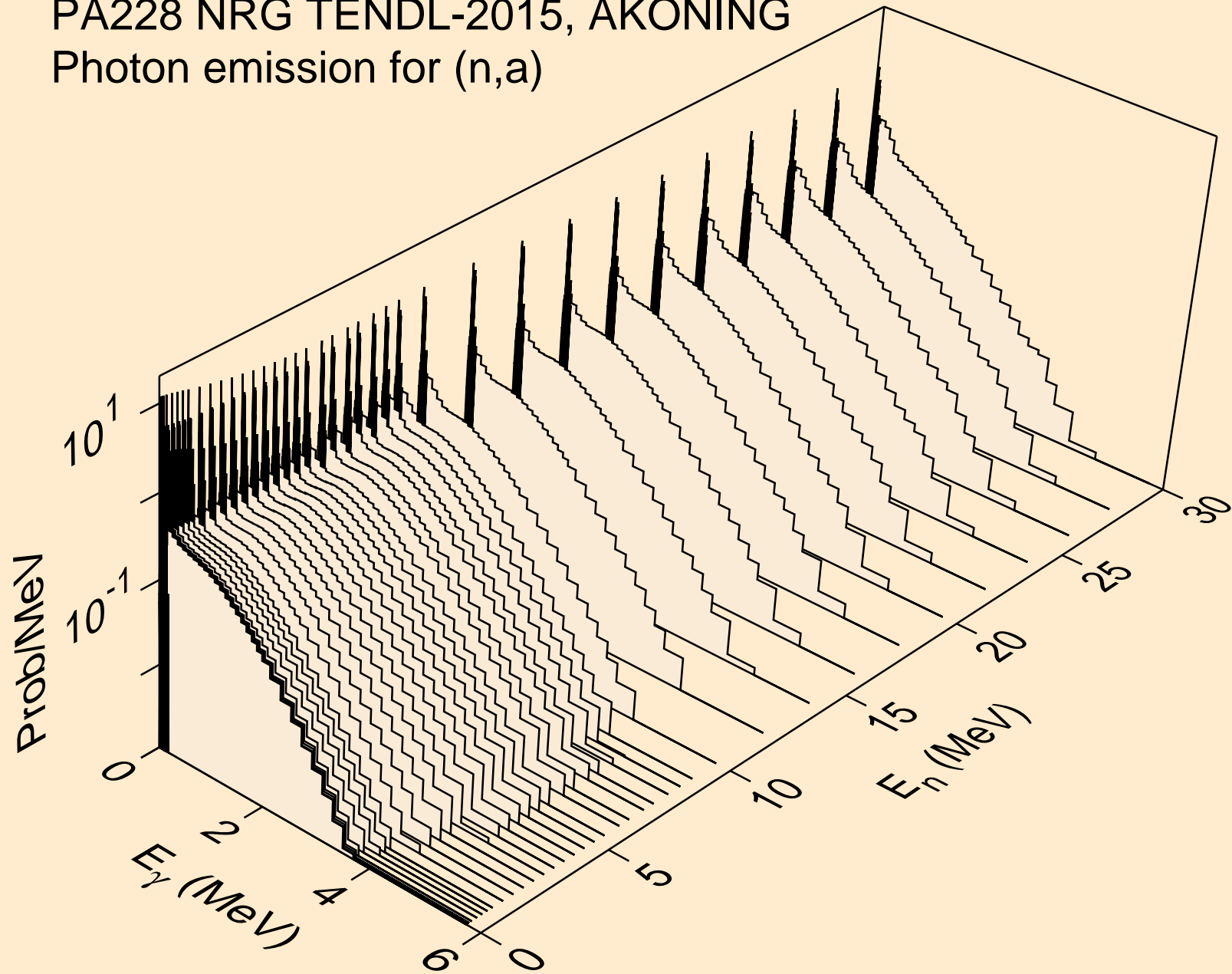
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



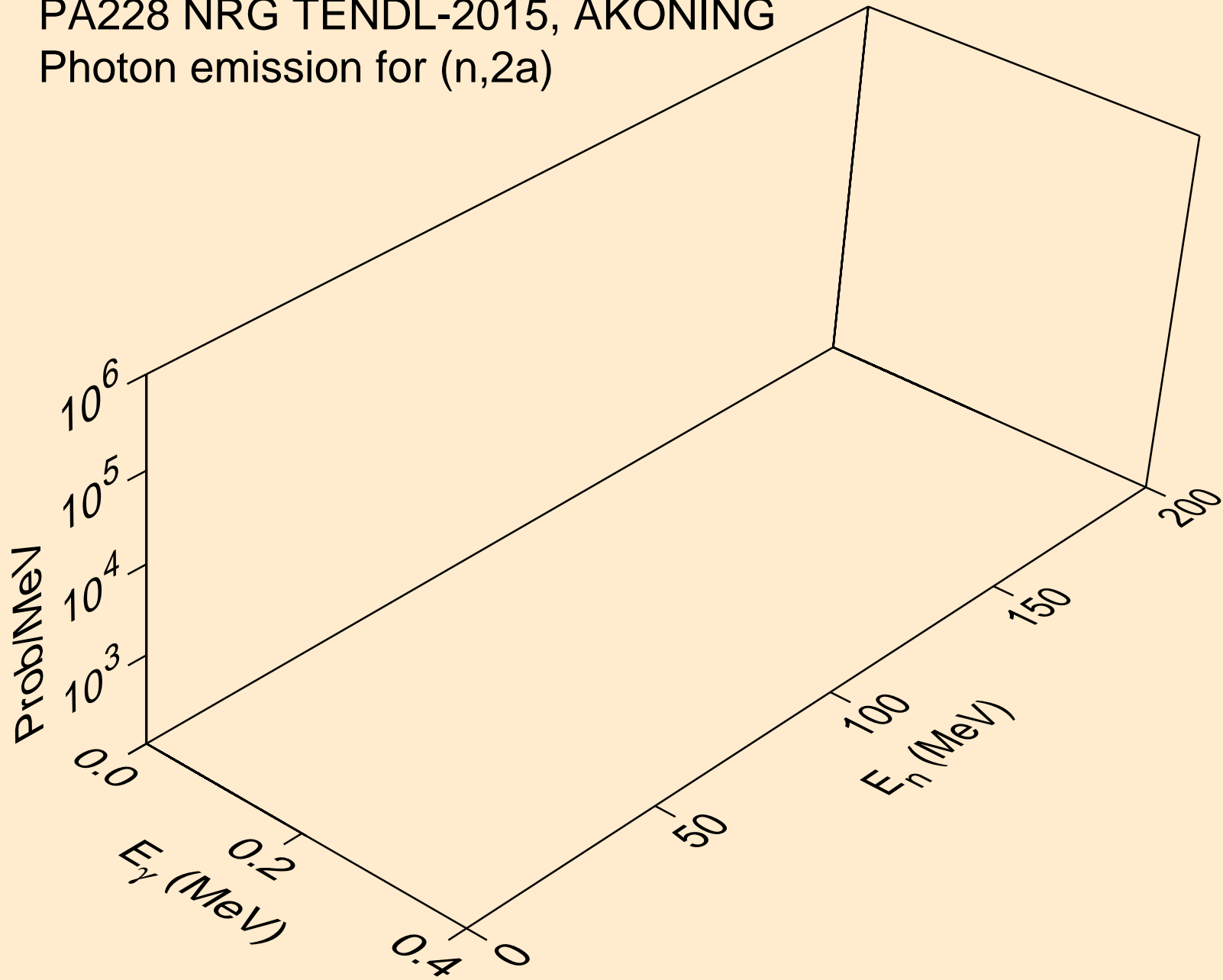
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



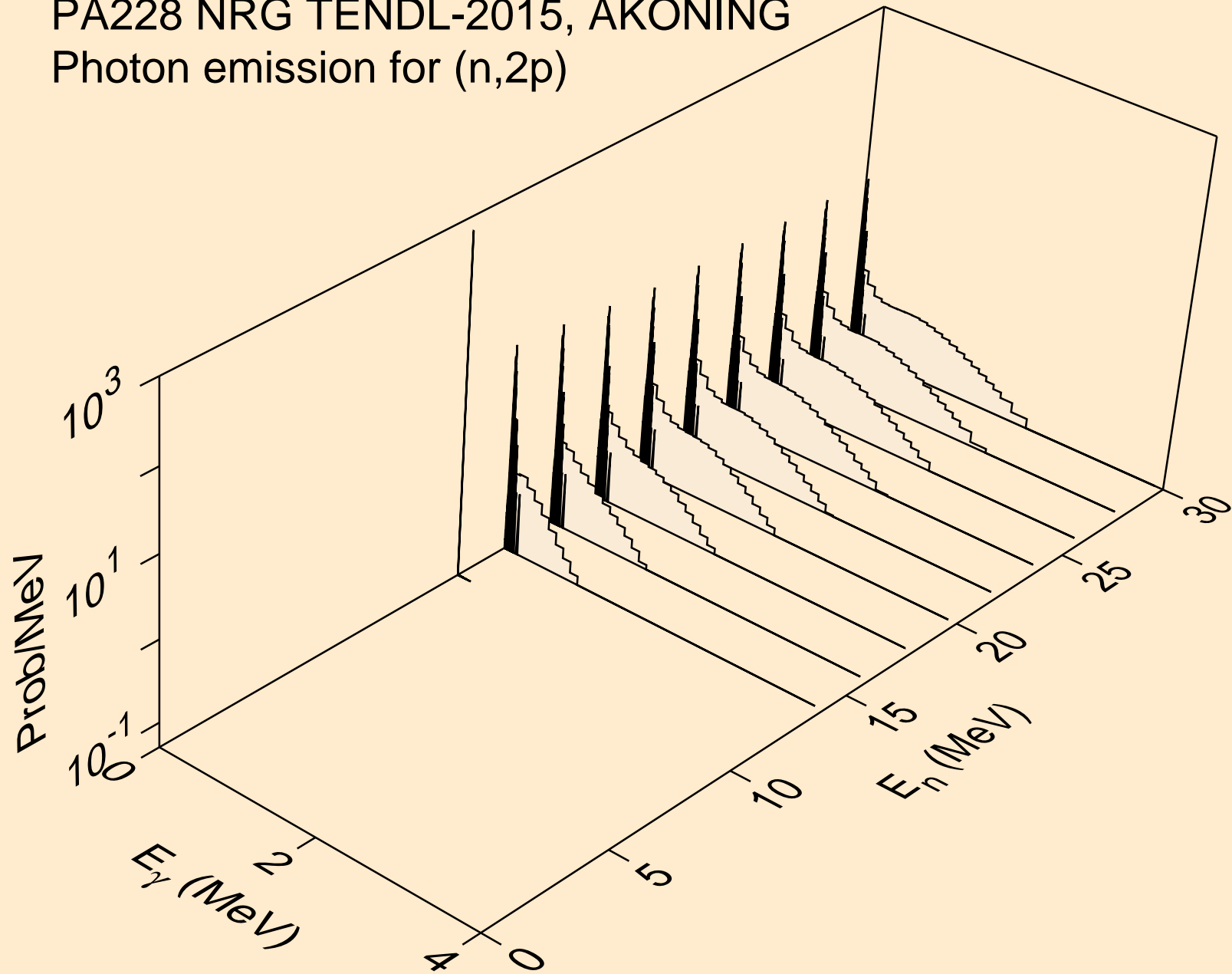
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



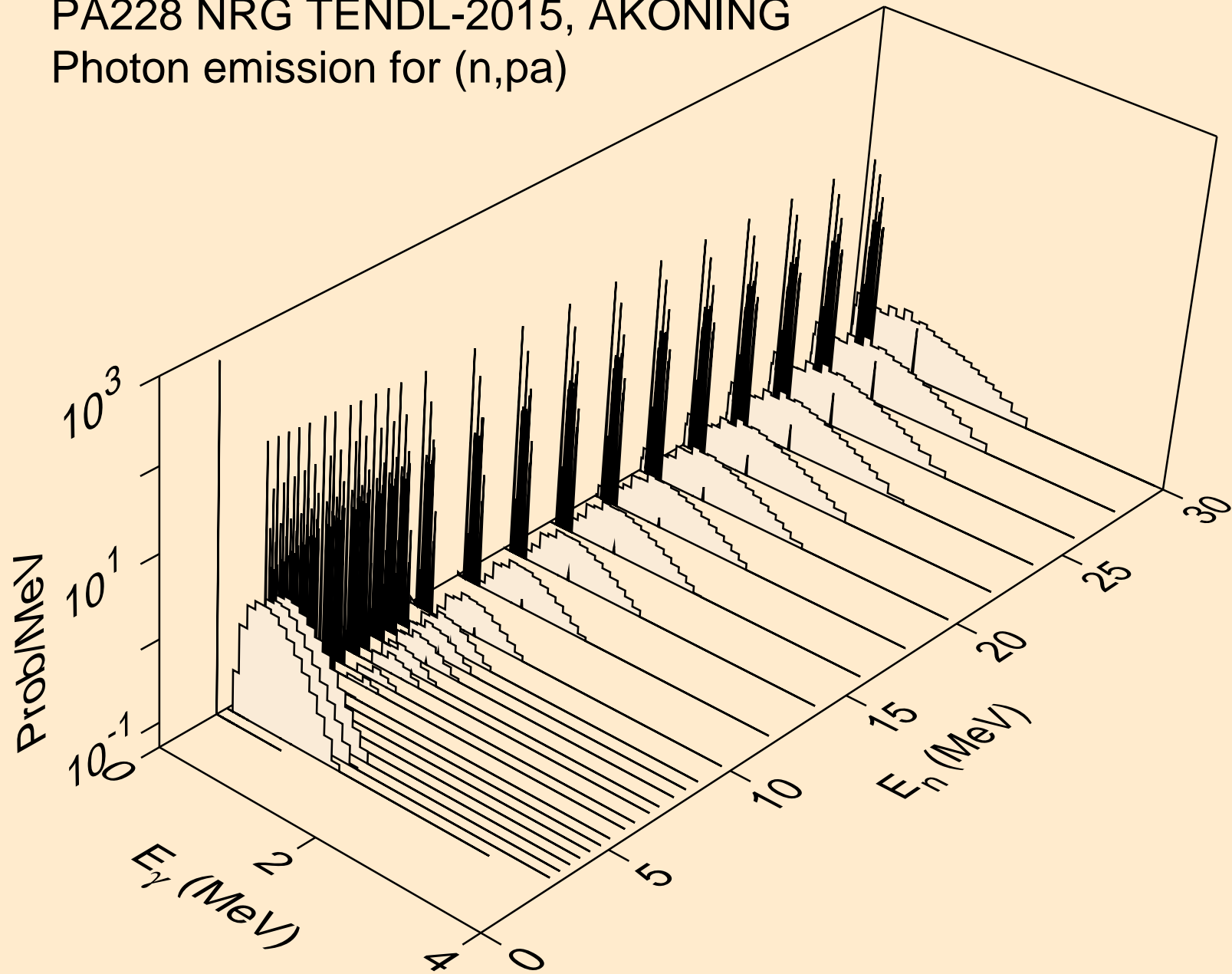
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



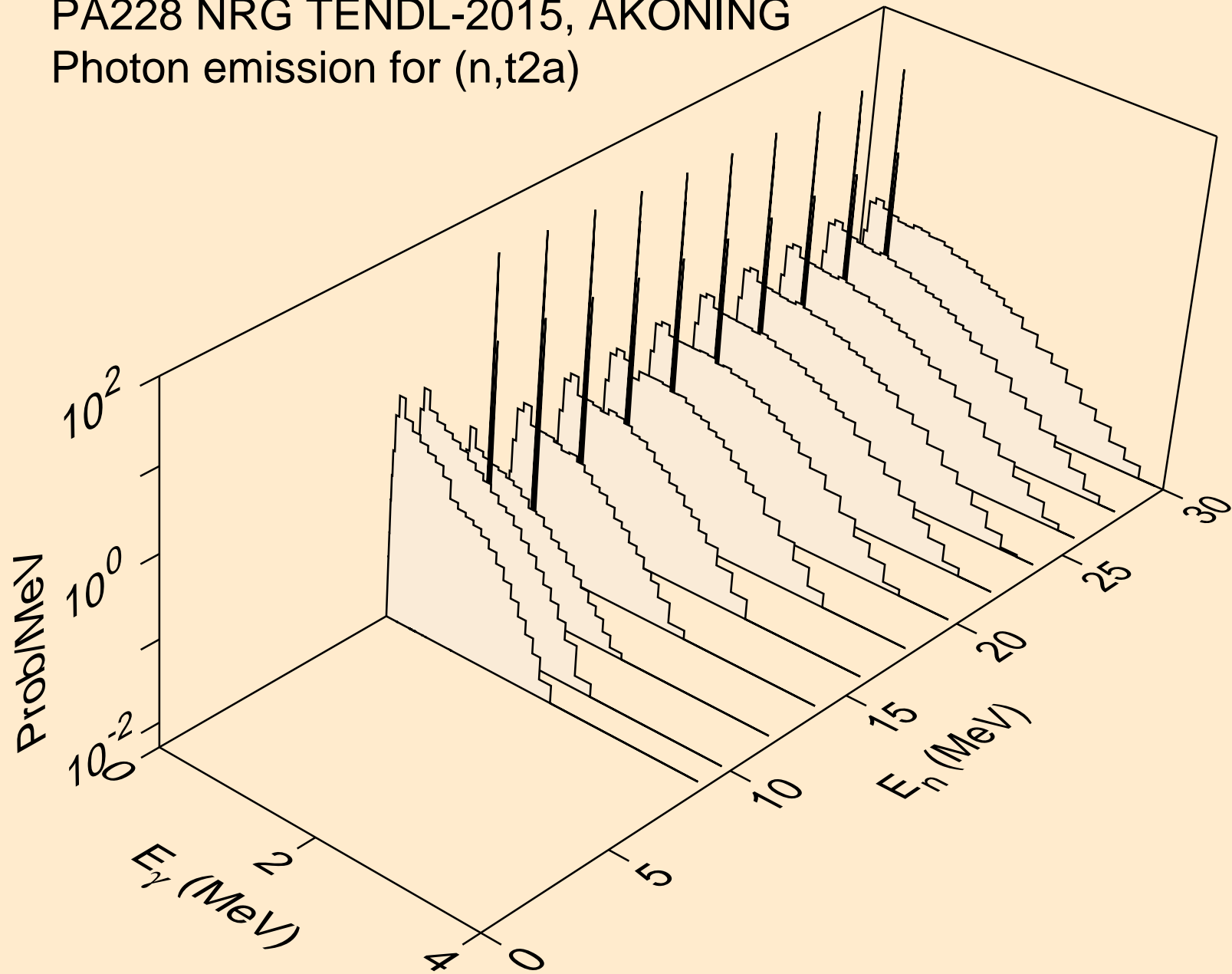
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



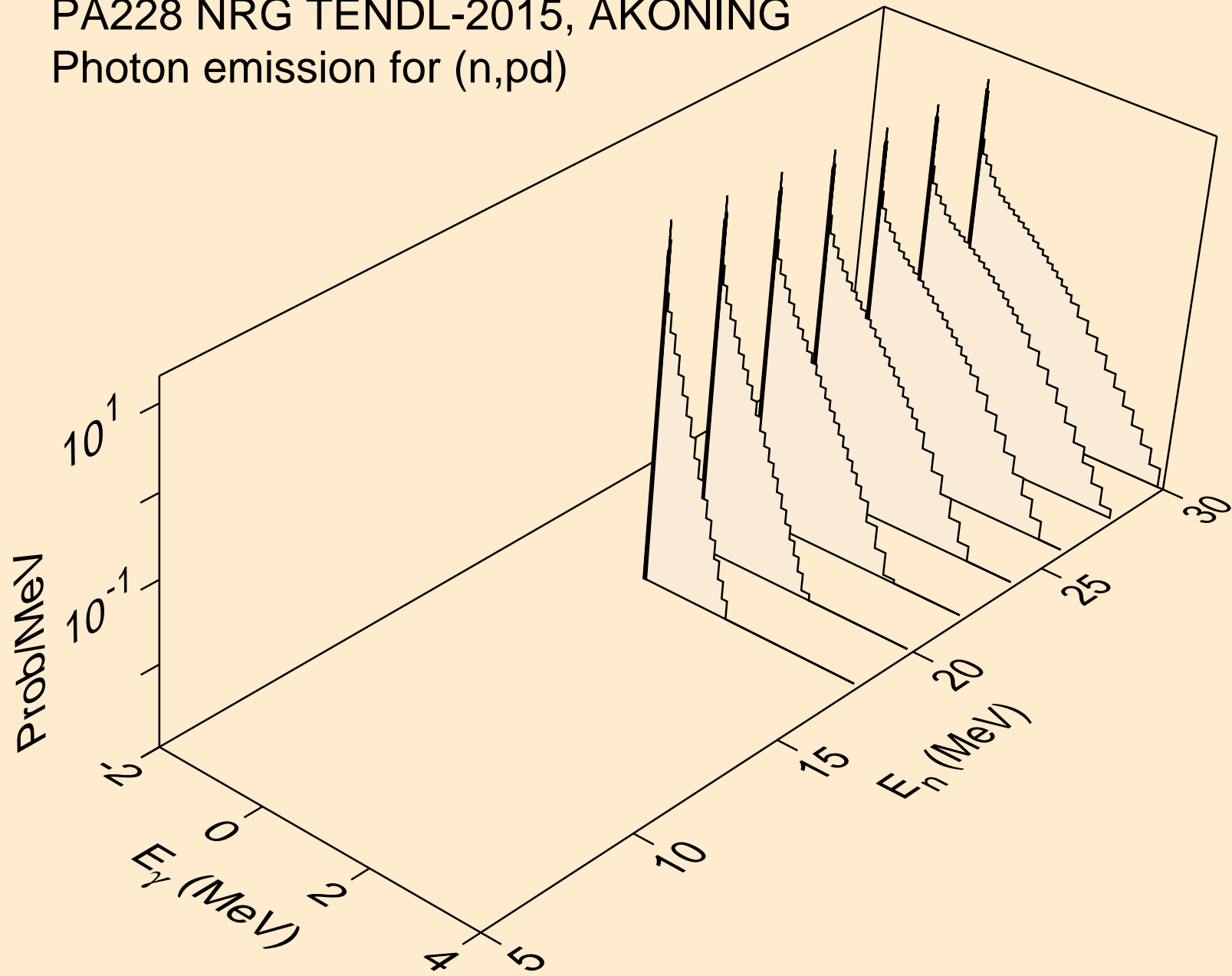
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

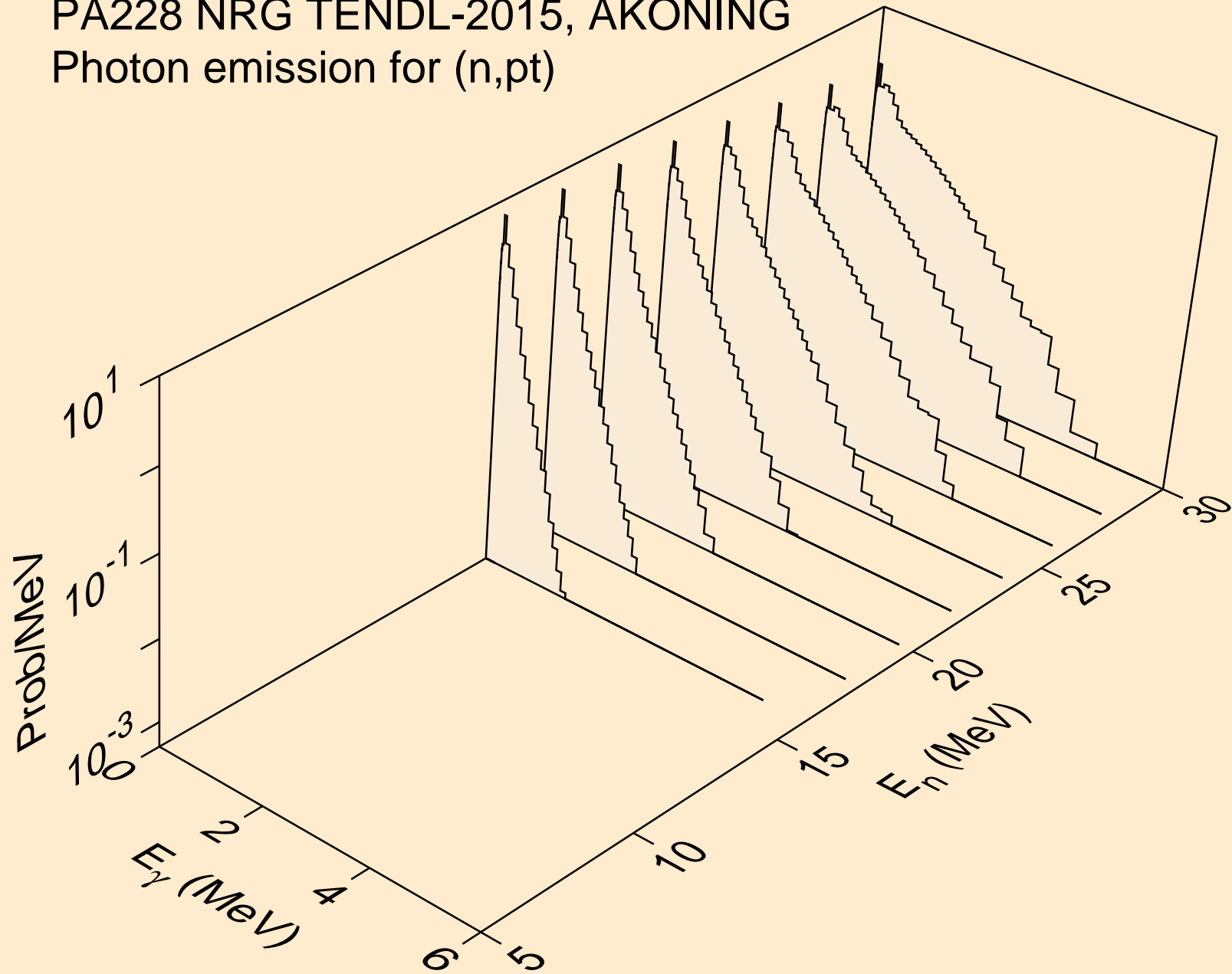


PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

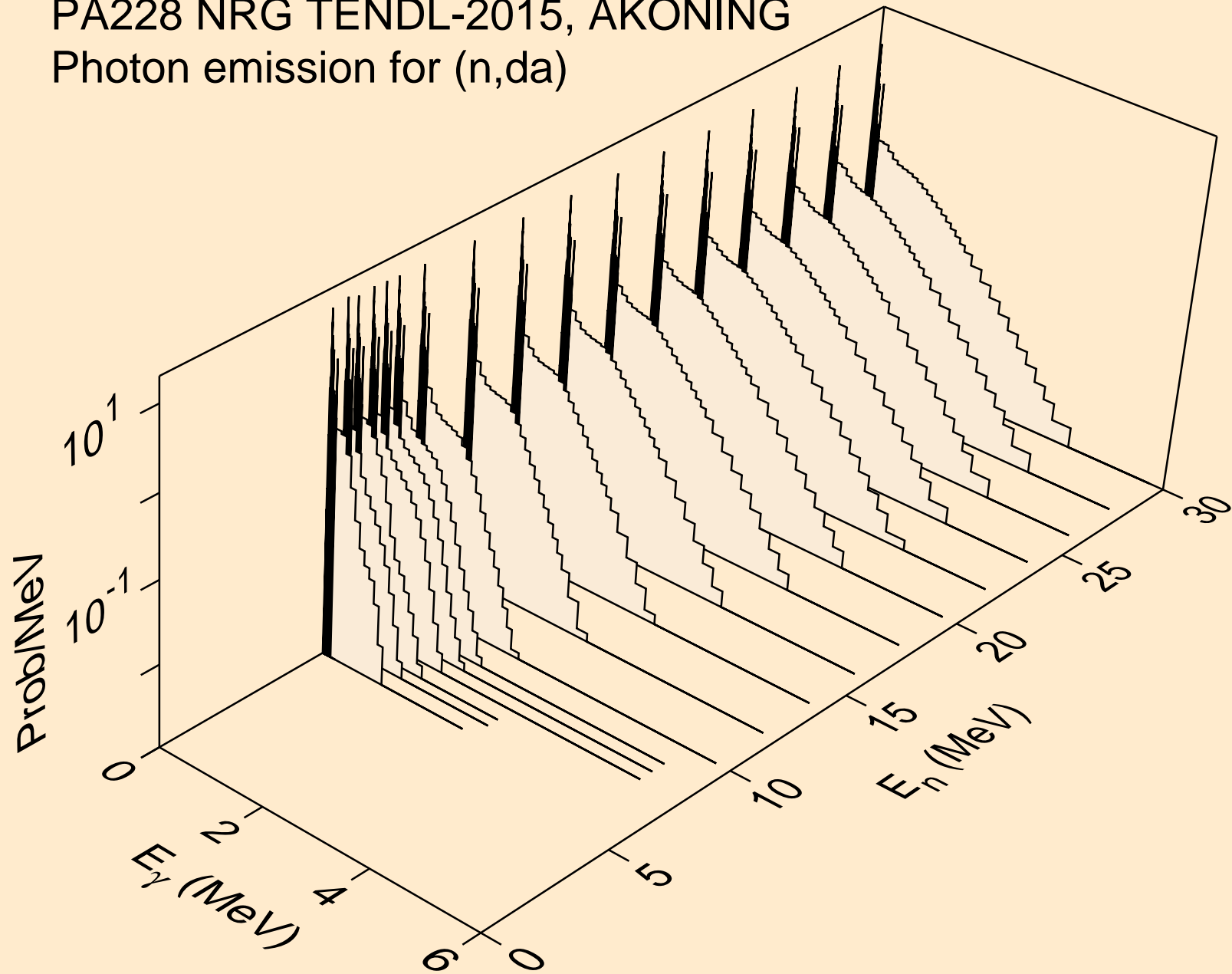




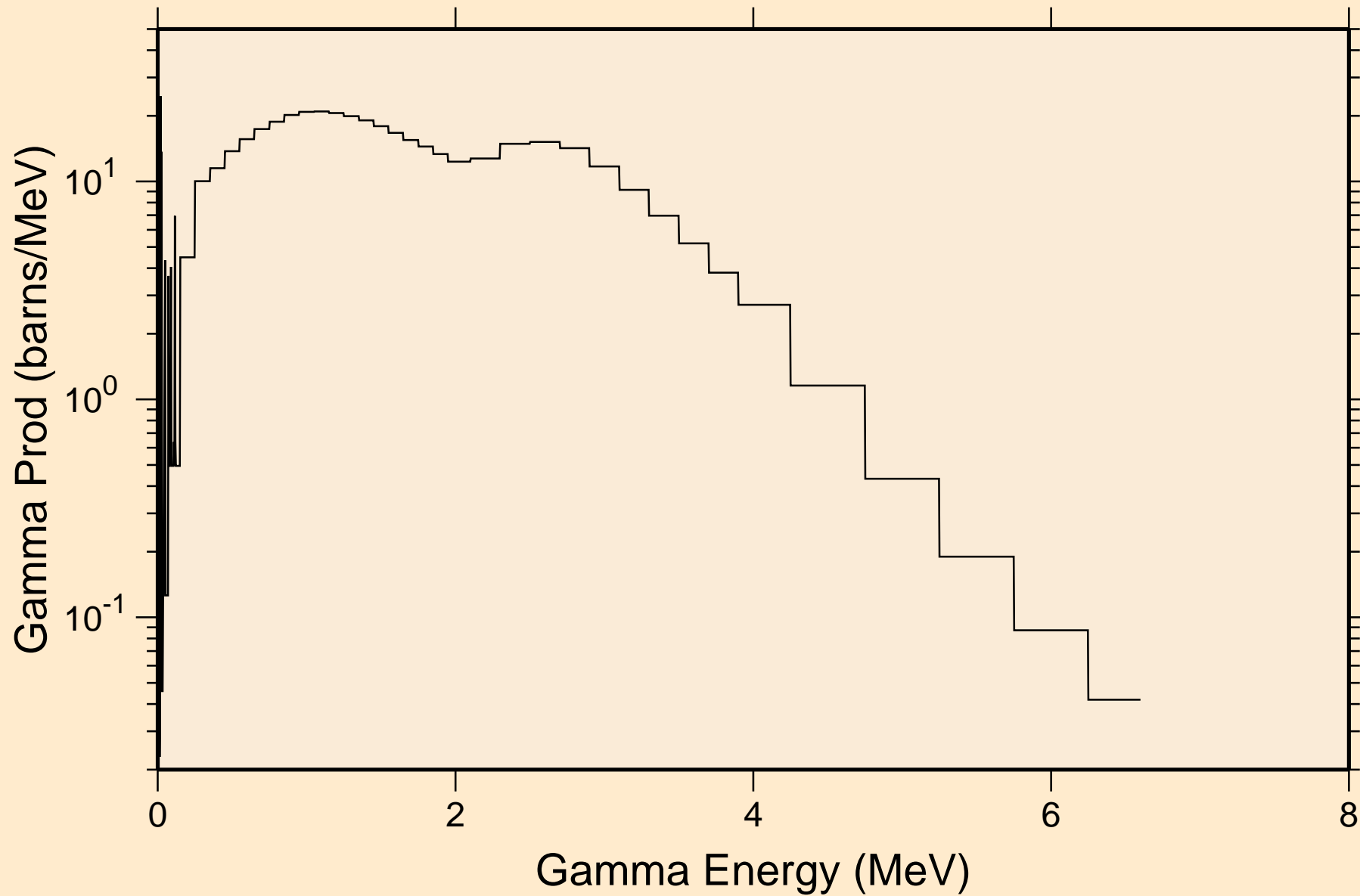
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



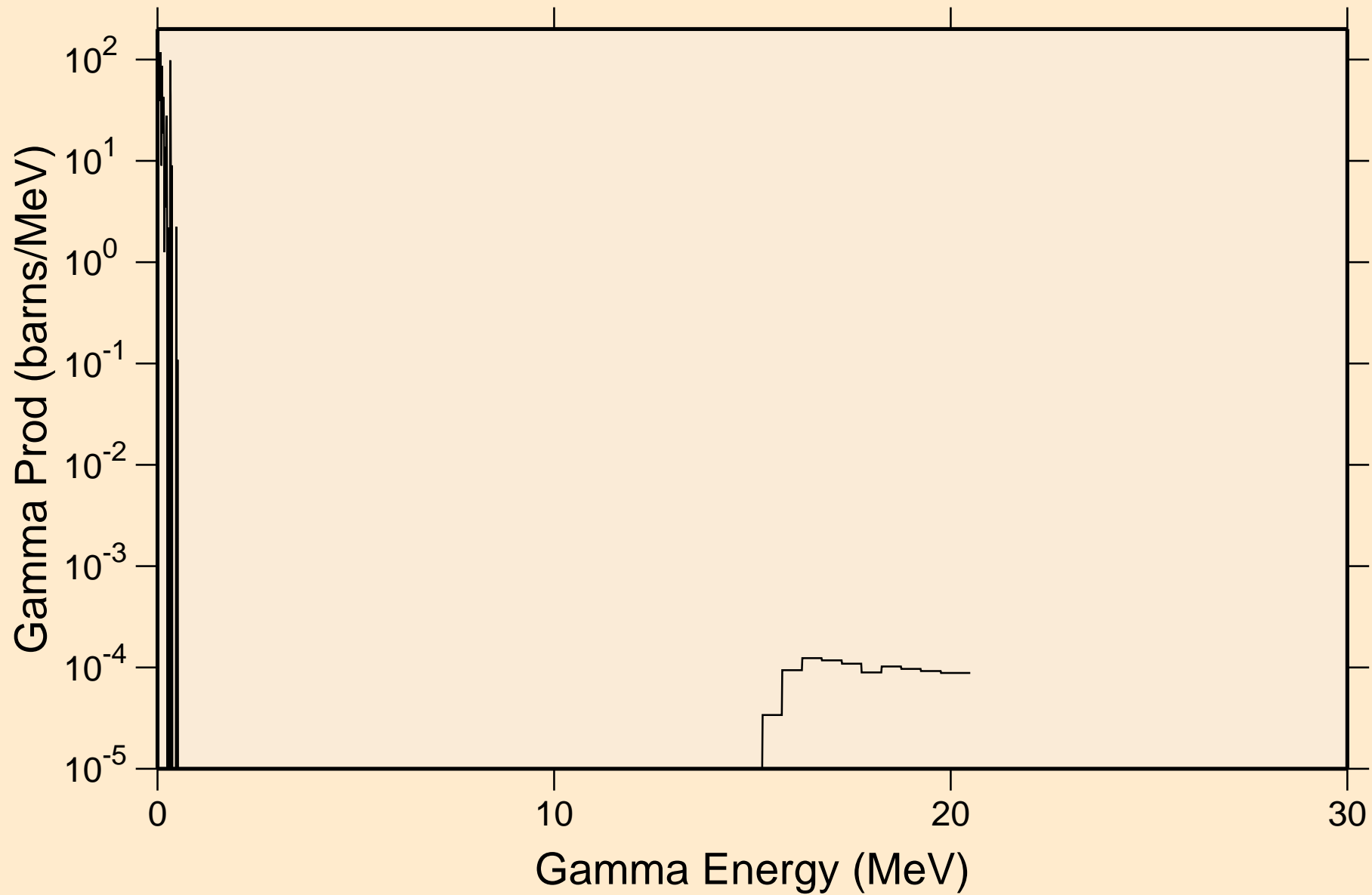
PA228 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PA228 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

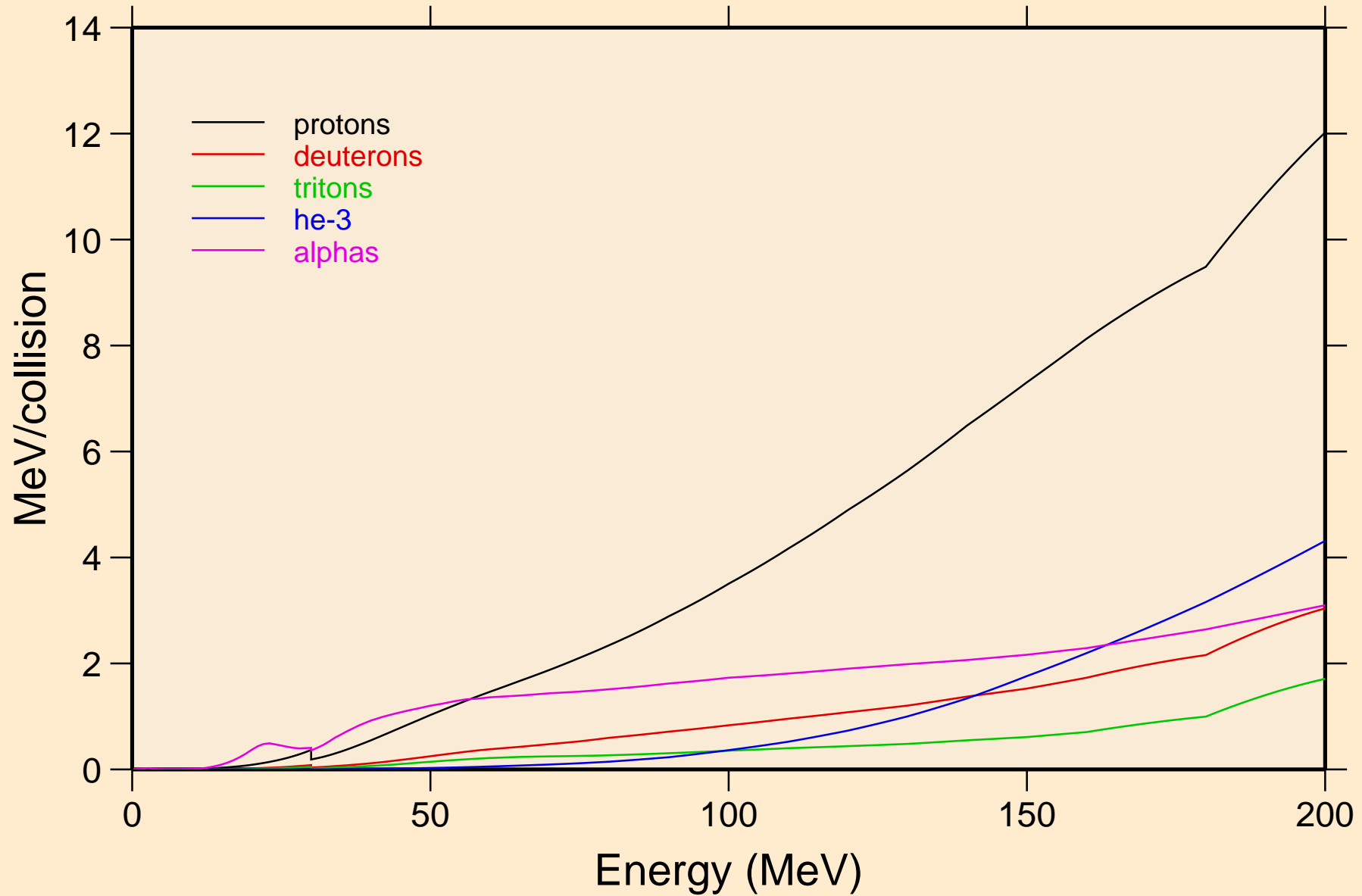


PA228 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



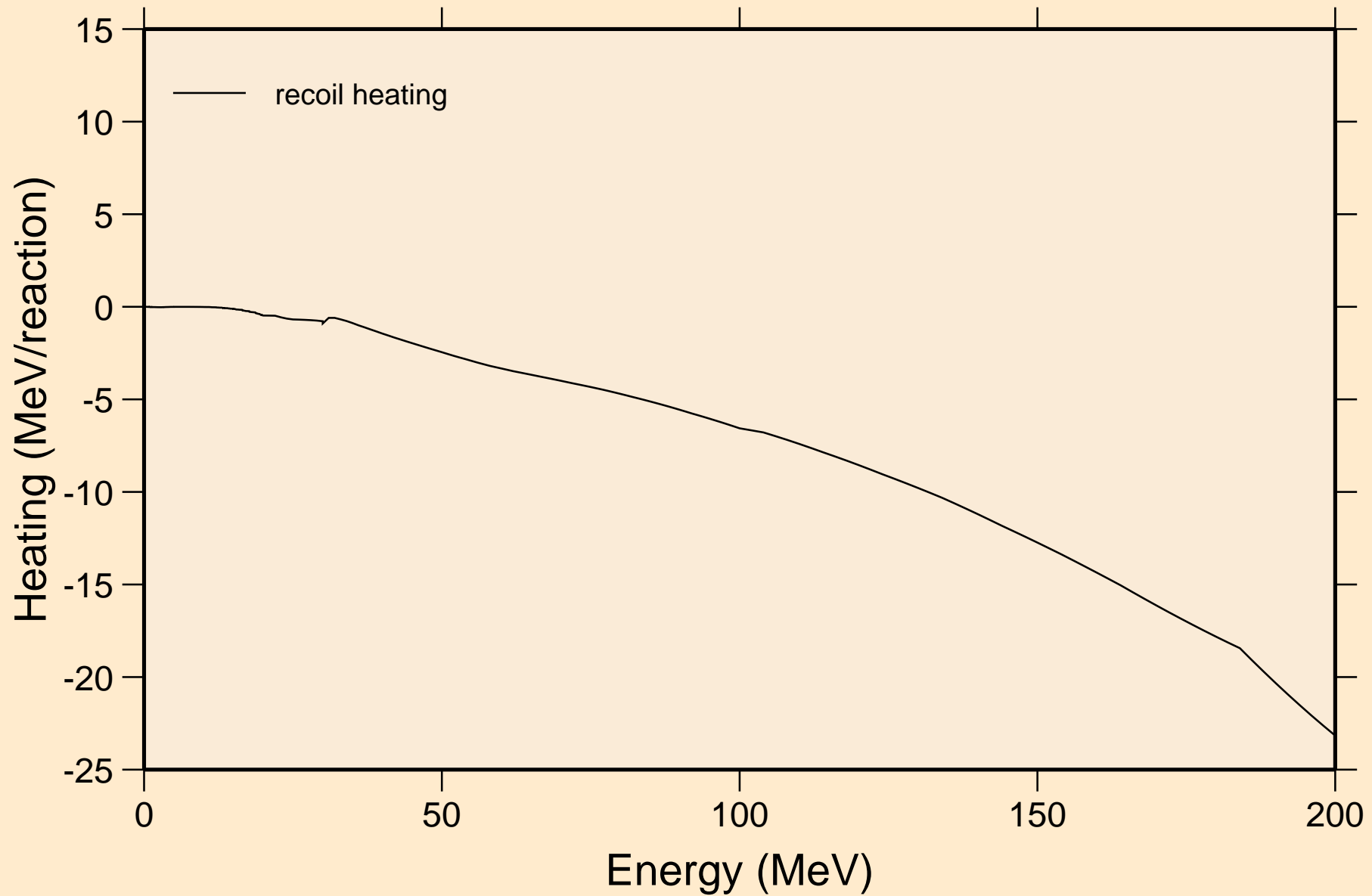
# PA228 NRG TENDL-2015, AKONING

## Particle heating contributions



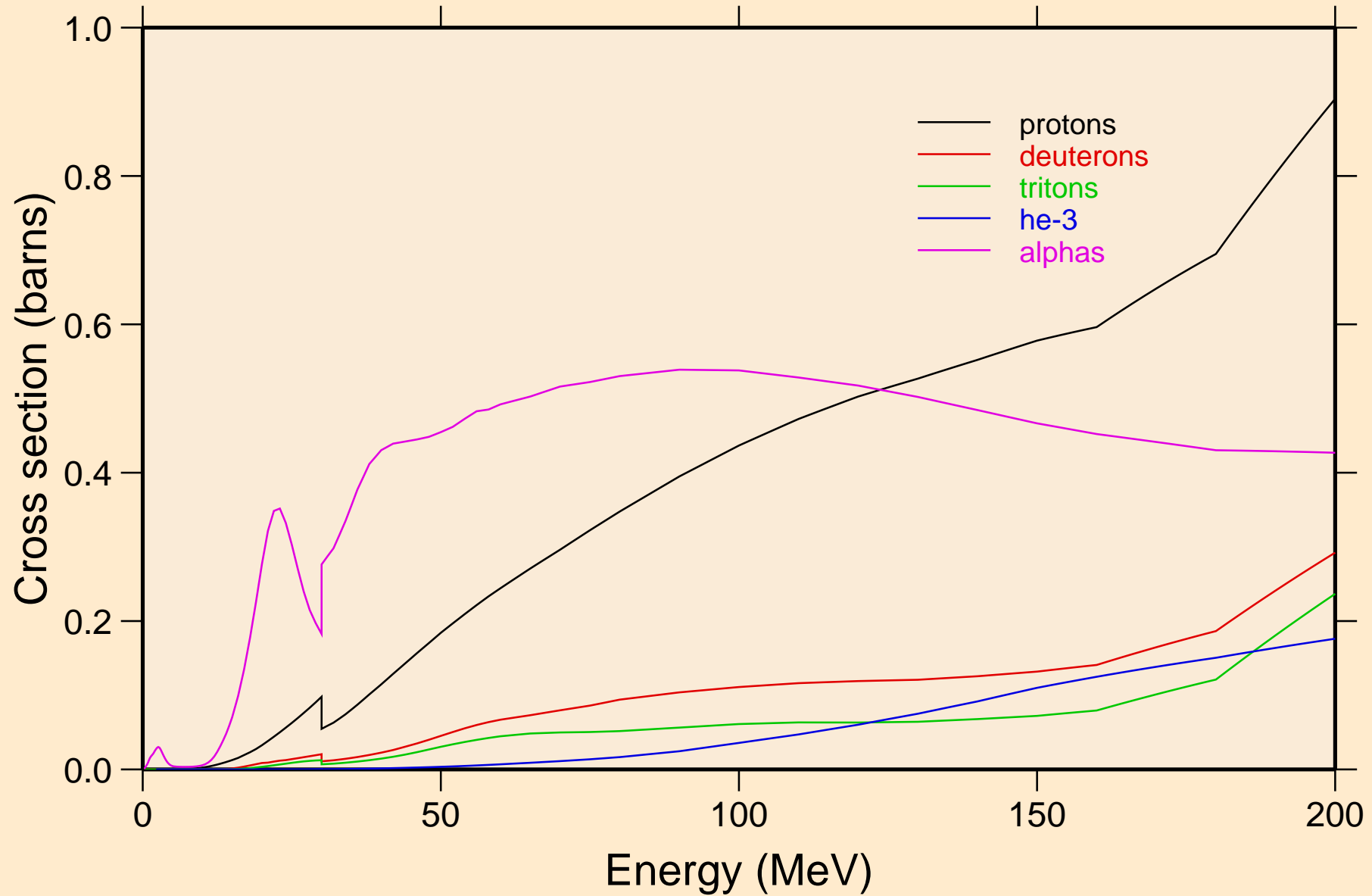
# PA228 NRG TENDL-2015, AKONING

## Recoil Heating

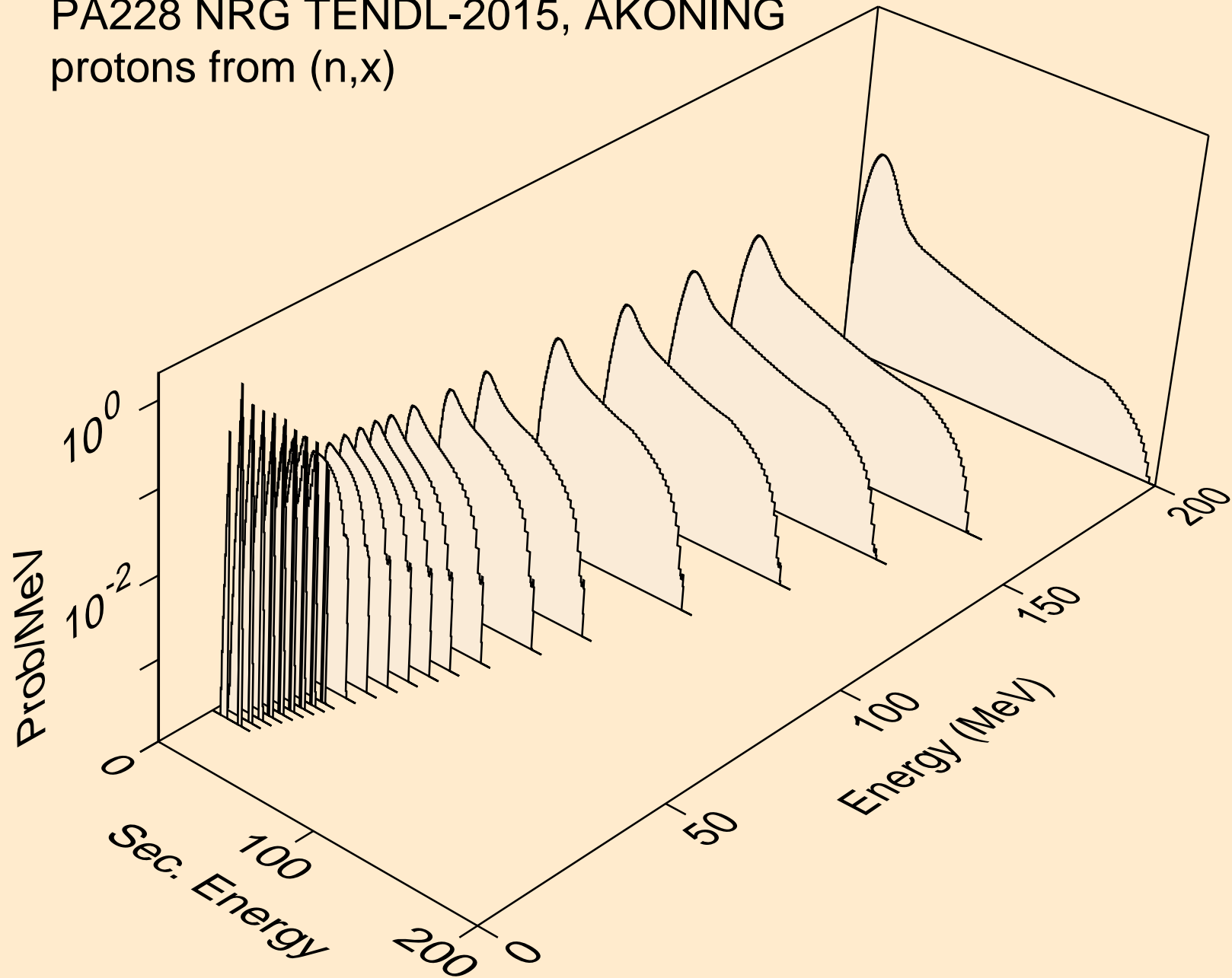


# PA228 NRG TENDL-2015, AKONING

## Particle production cross sections

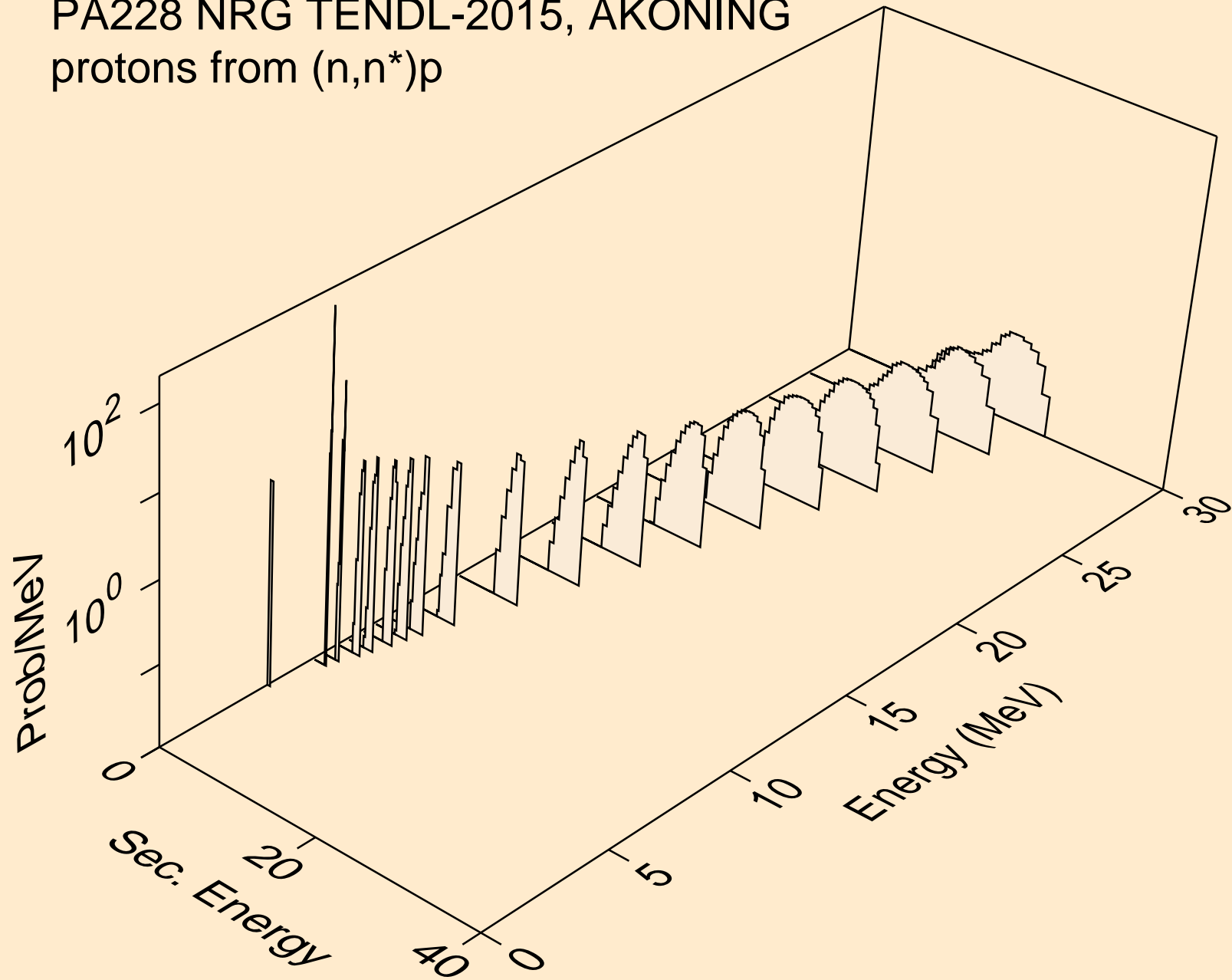


PA228 NRG TENDL-2015, AKONING  
protons from (n,x)

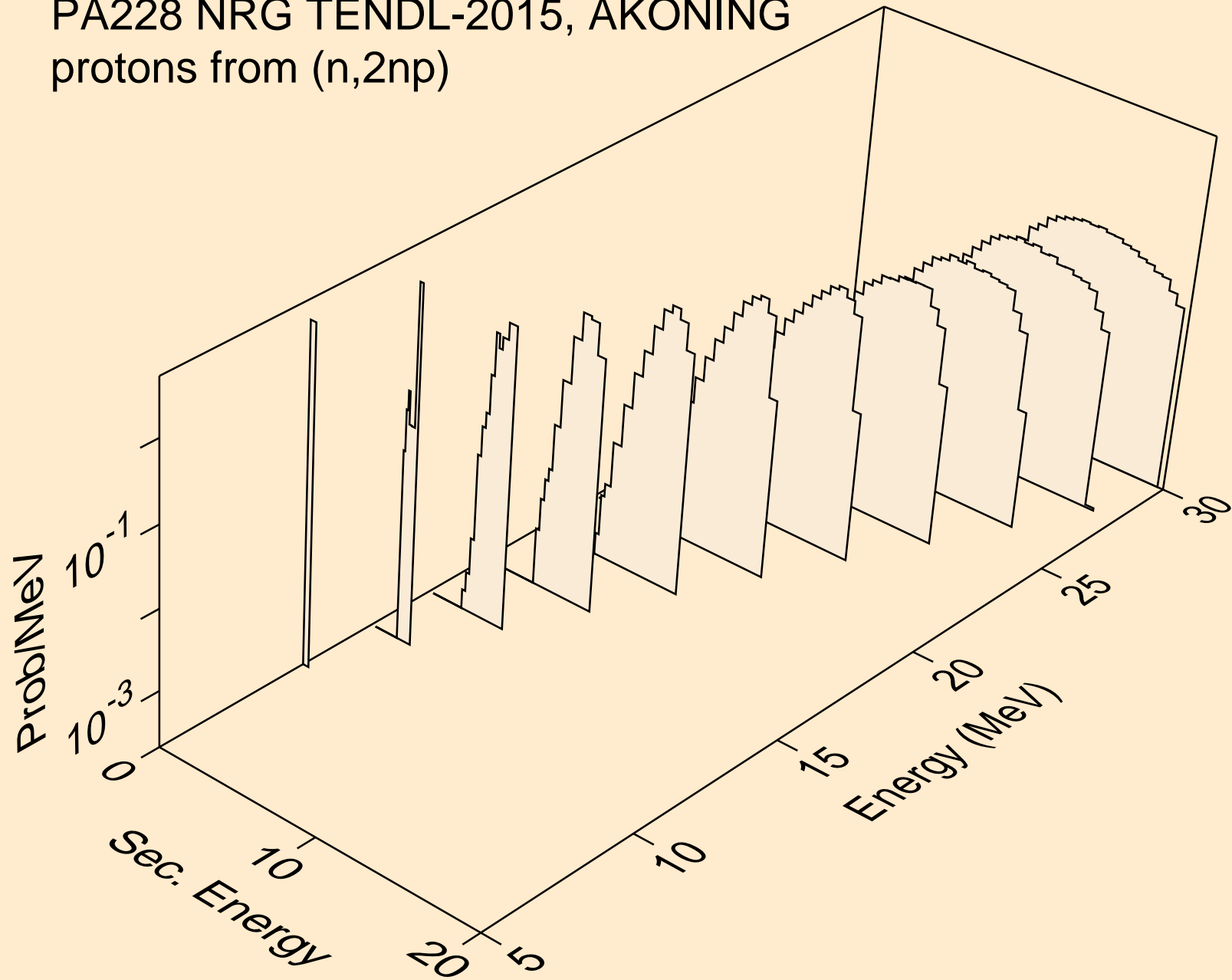




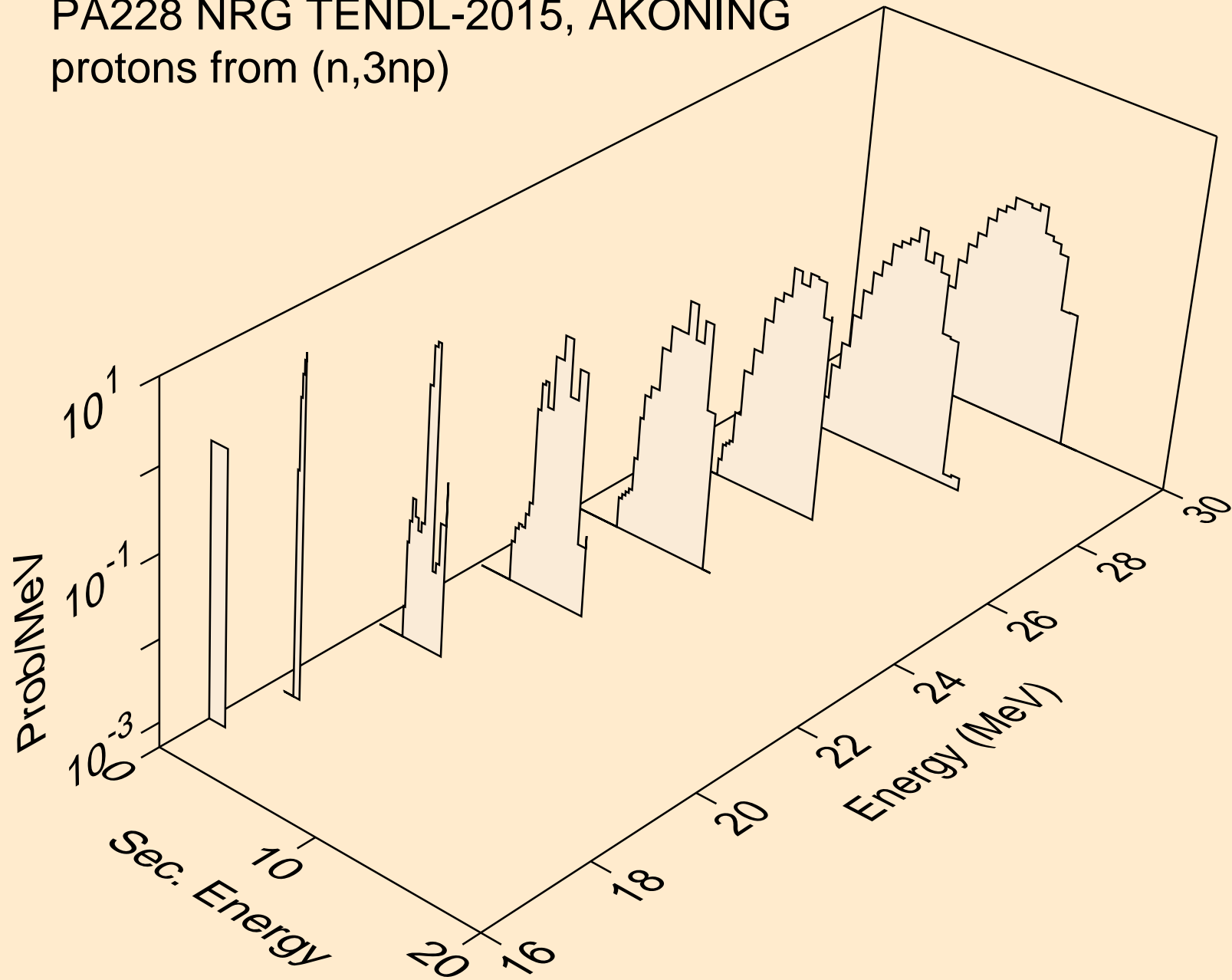
PA228 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



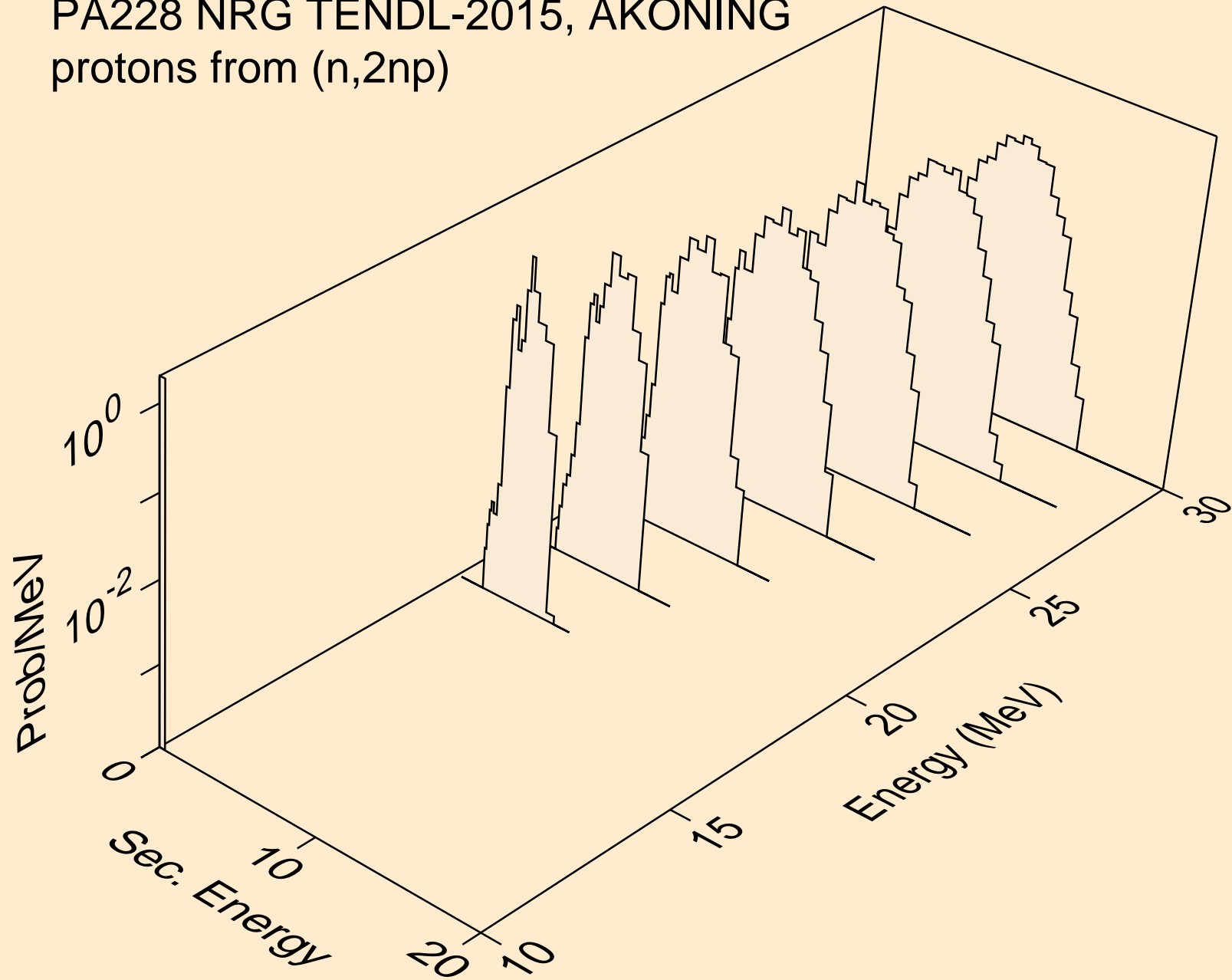
PA228 NRG TENDL-2015, AKONING  
protons from (n,2np)



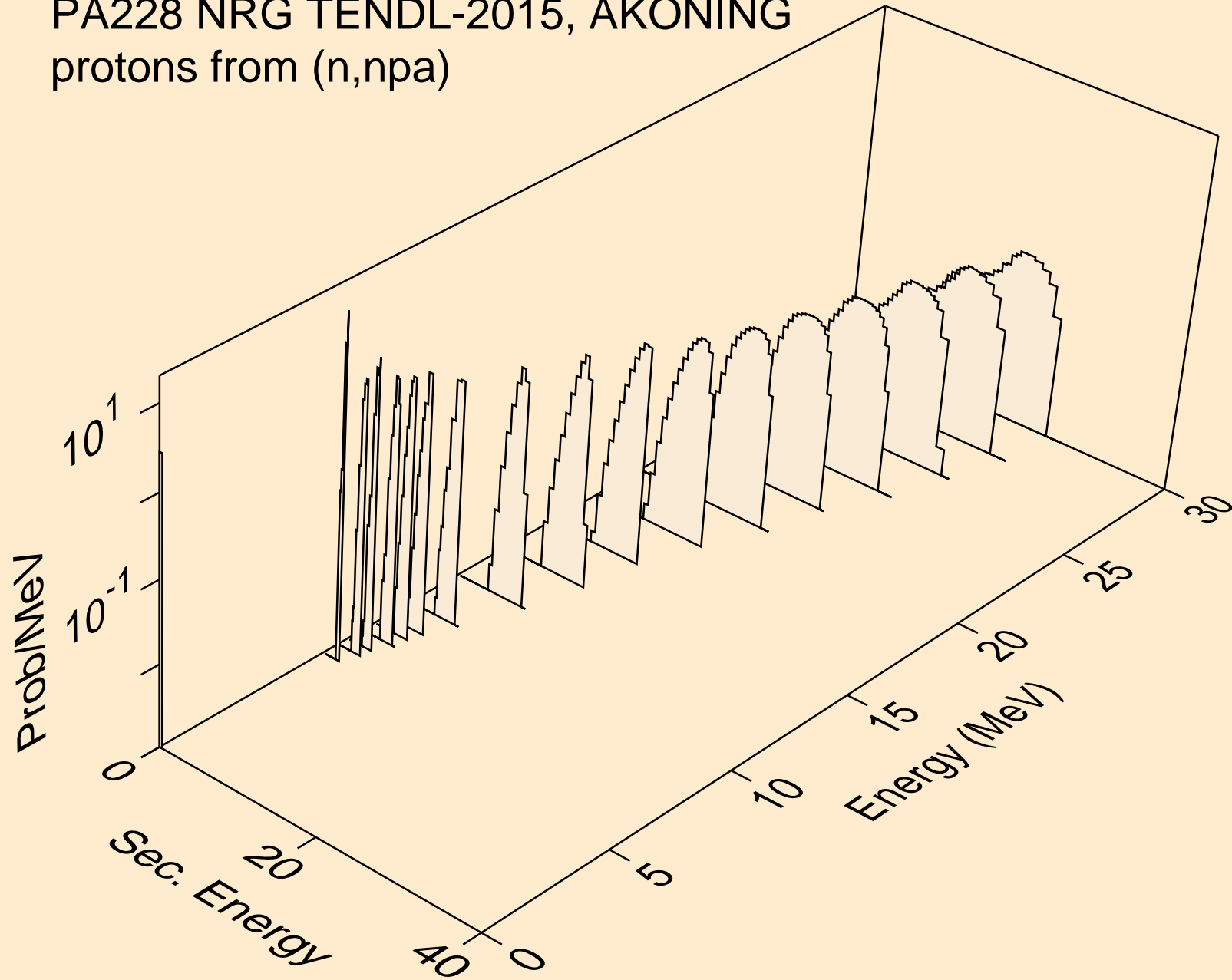
PA228 NRG TENDL-2015, AKONING  
protons from (n,3np)



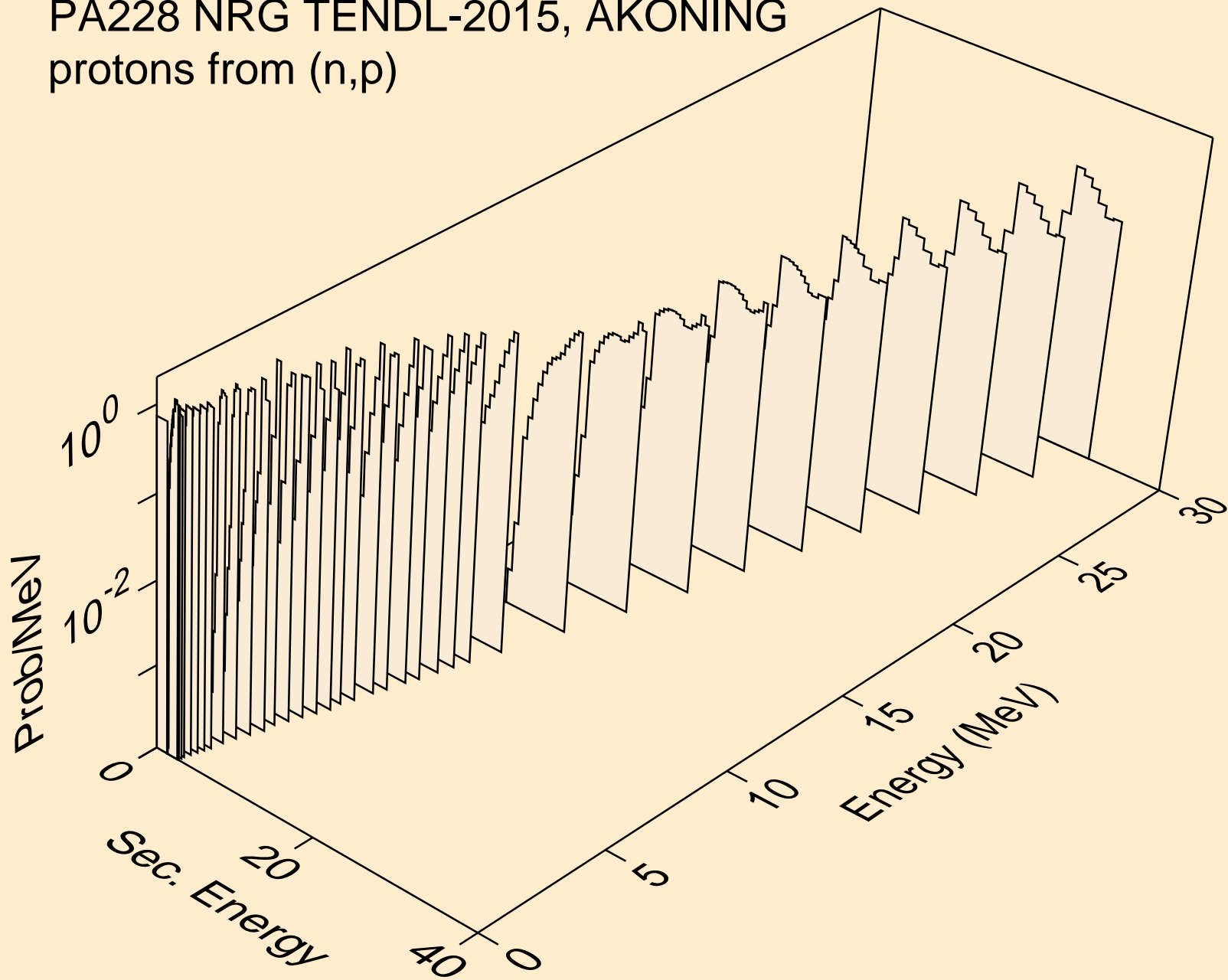
PA228 NRG TENDL-2015, AKONING  
protons from (n,2np)



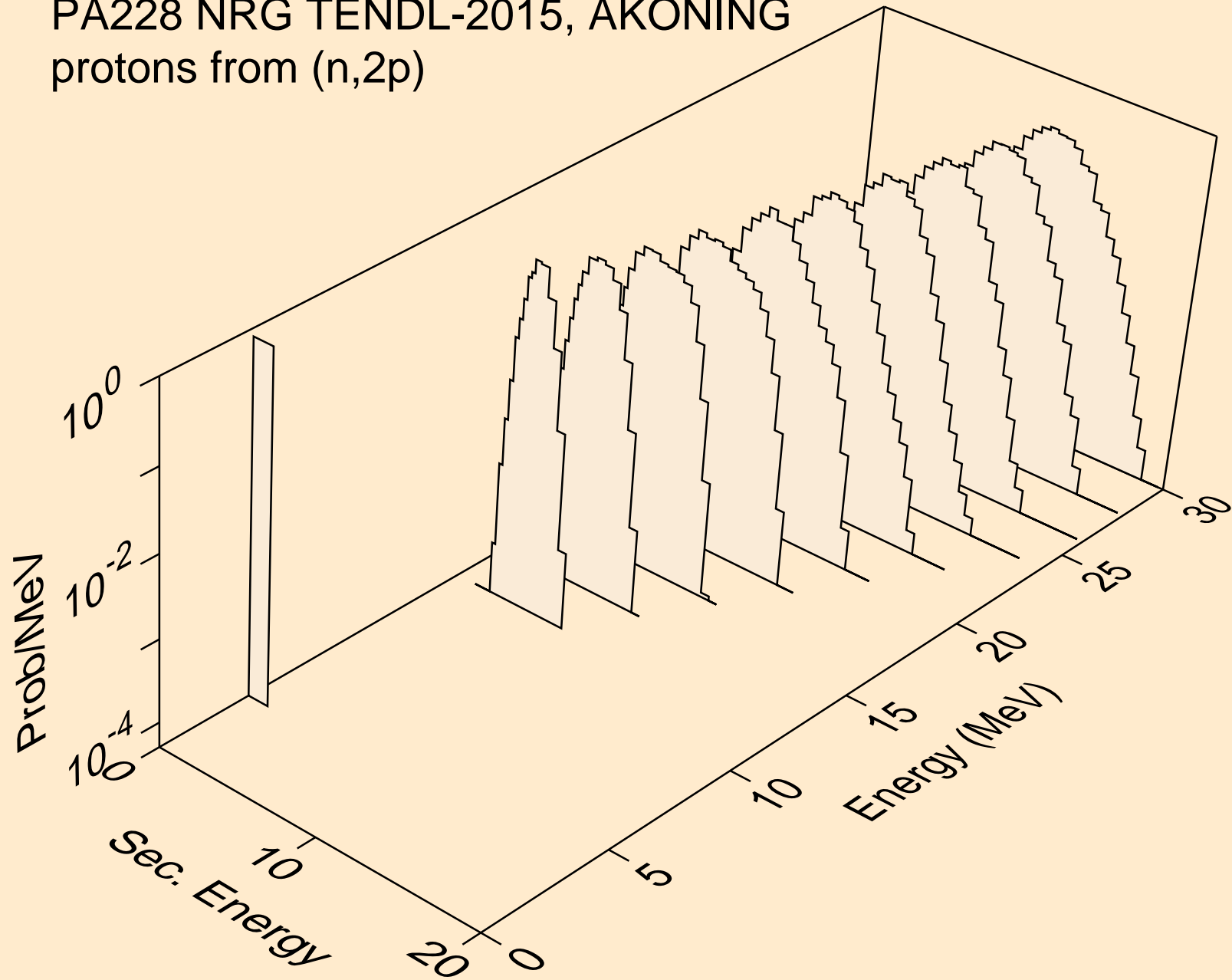
PA228 NRG TENDL-2015, AKONING  
protons from (n,npa)



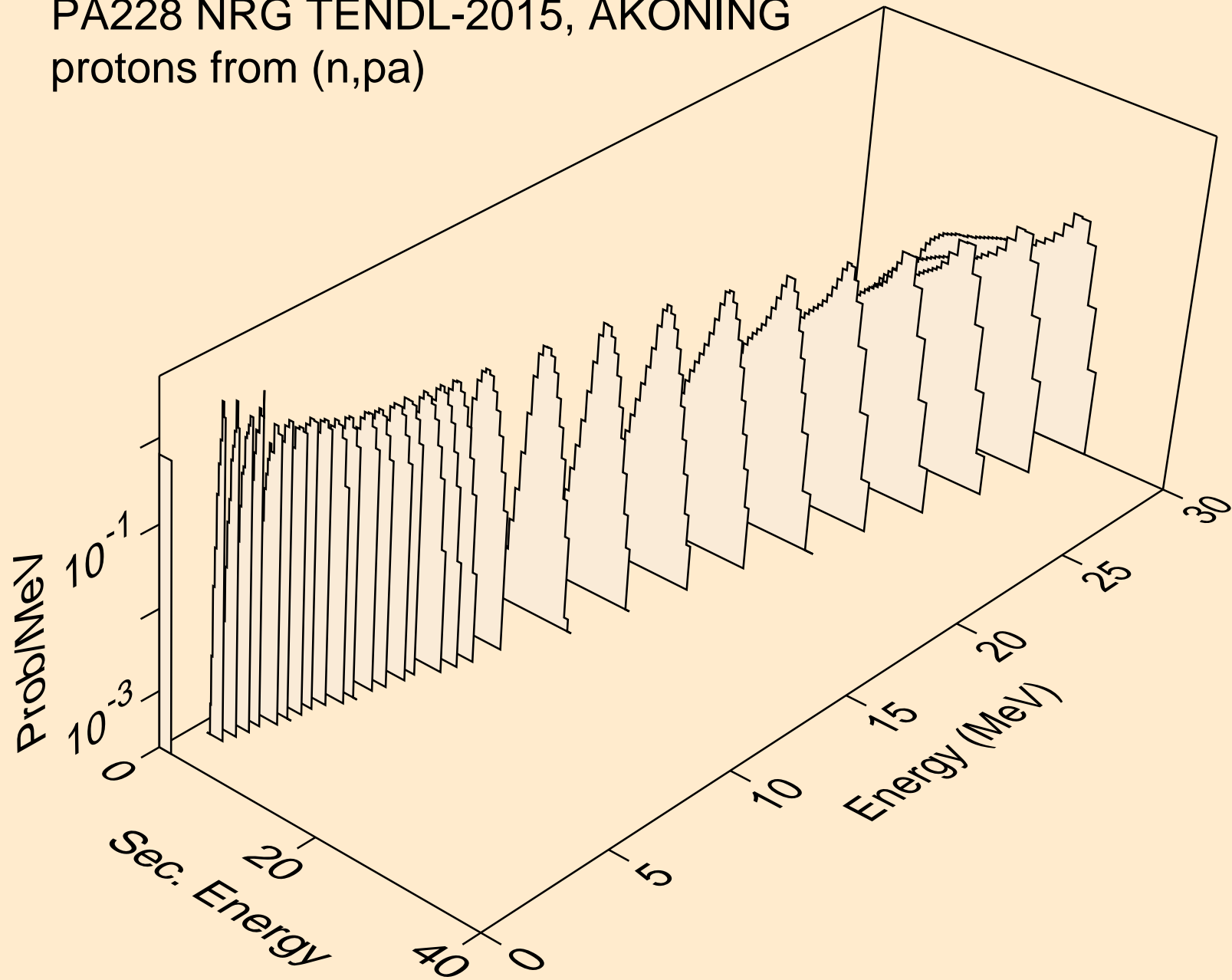
PA228 NRG TENDL-2015, AKONING  
protons from (n,p)



PA228 NRG TENDL-2015, AKONING  
protons from (n,2p)

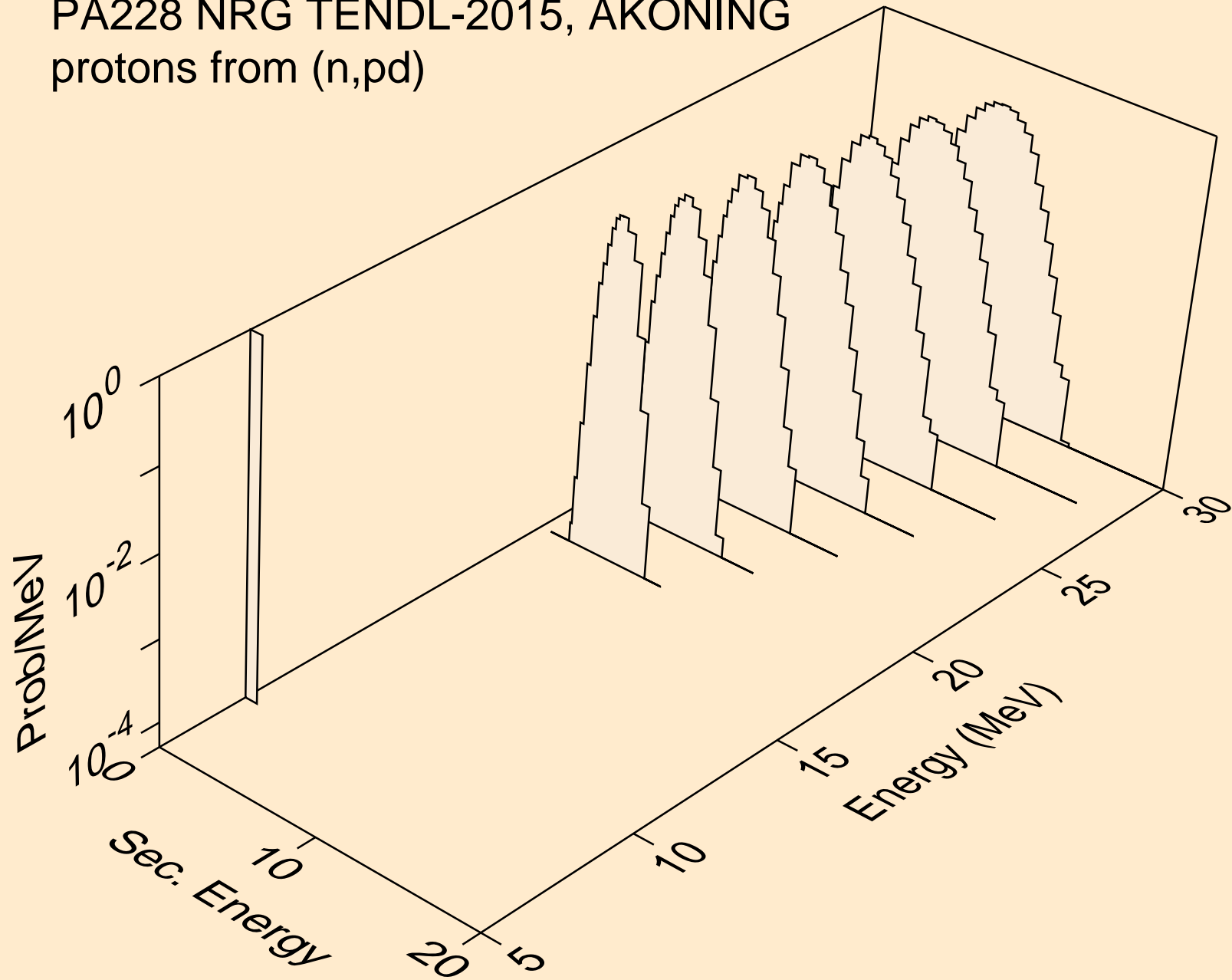


PA228 NRG TENDL-2015, AKONING  
protons from (n,pa)

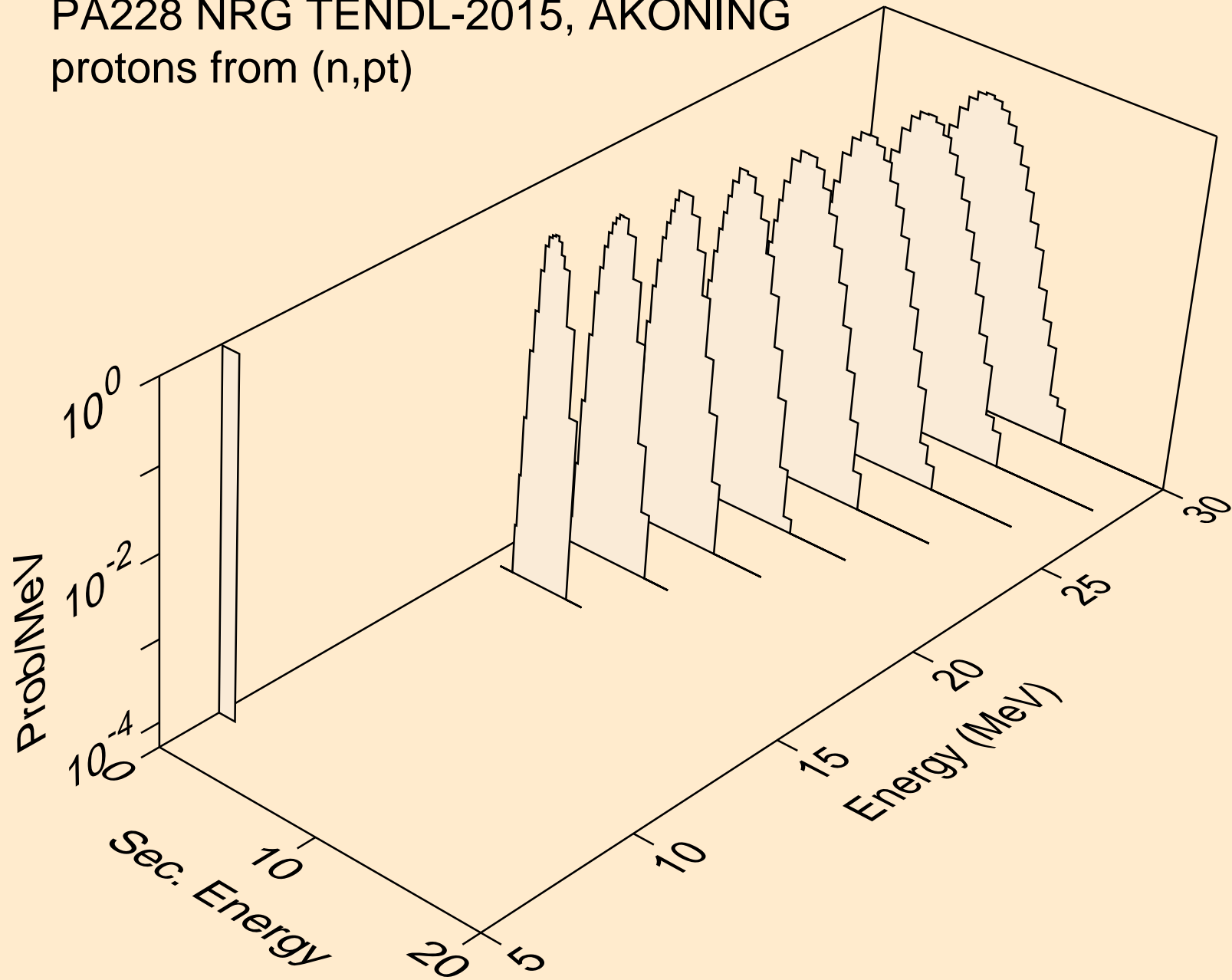




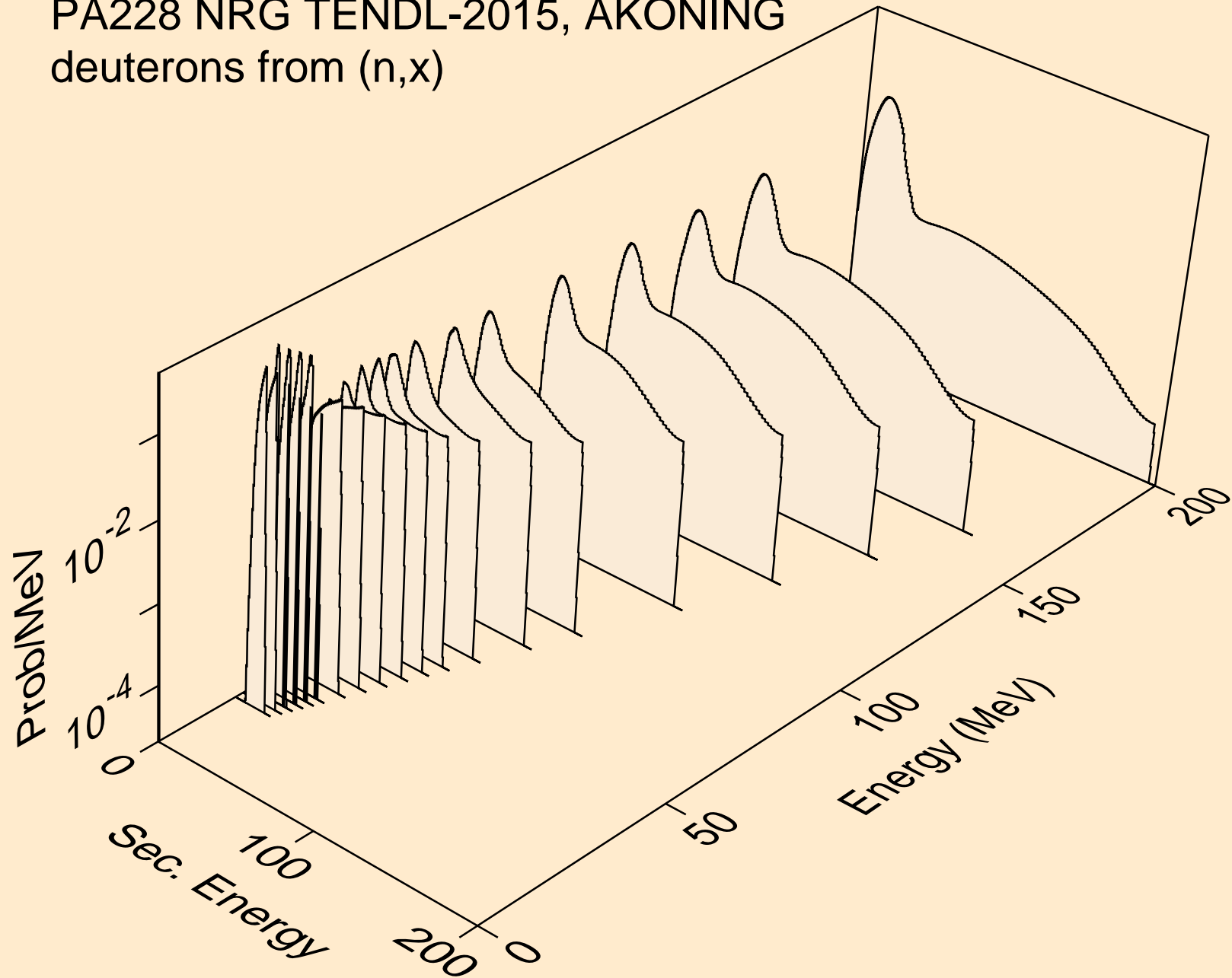
PA228 NRG TENDL-2015, AKONING  
protons from (n,pd)



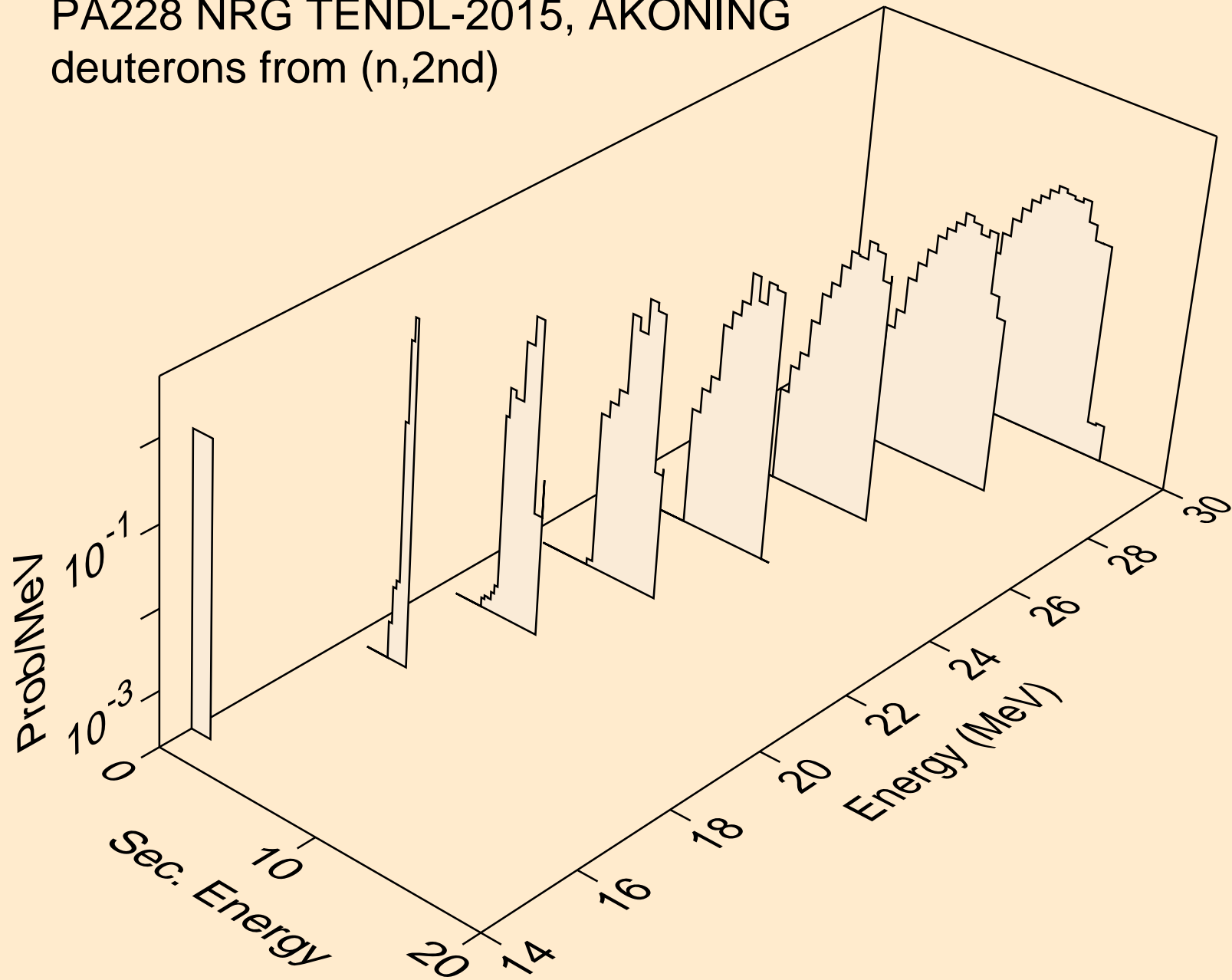
PA228 NRG TENDL-2015, AKONING  
protons from (n,pt)



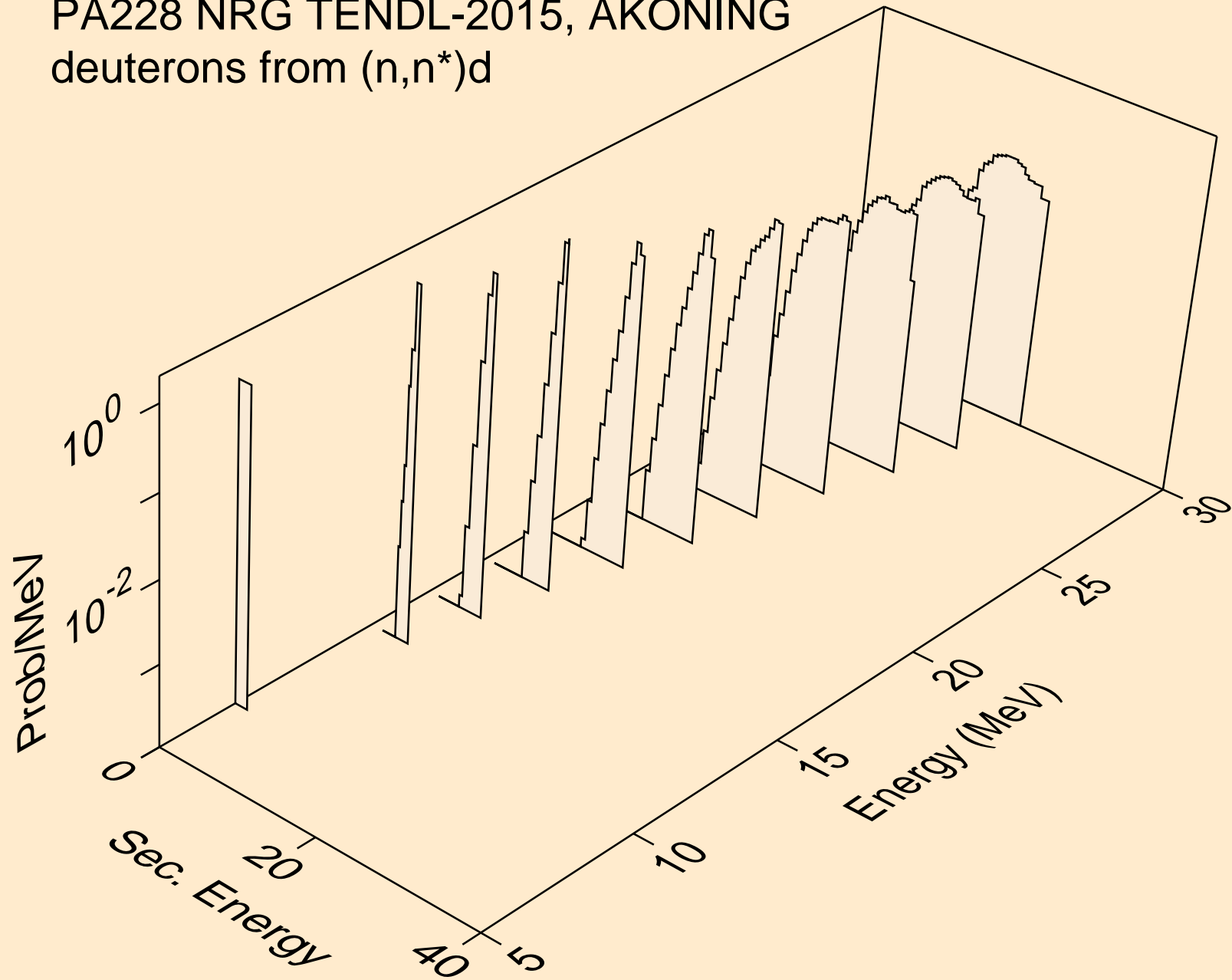
PA228 NRG TENDL-2015, AKONING  
deuterons from (n,x)



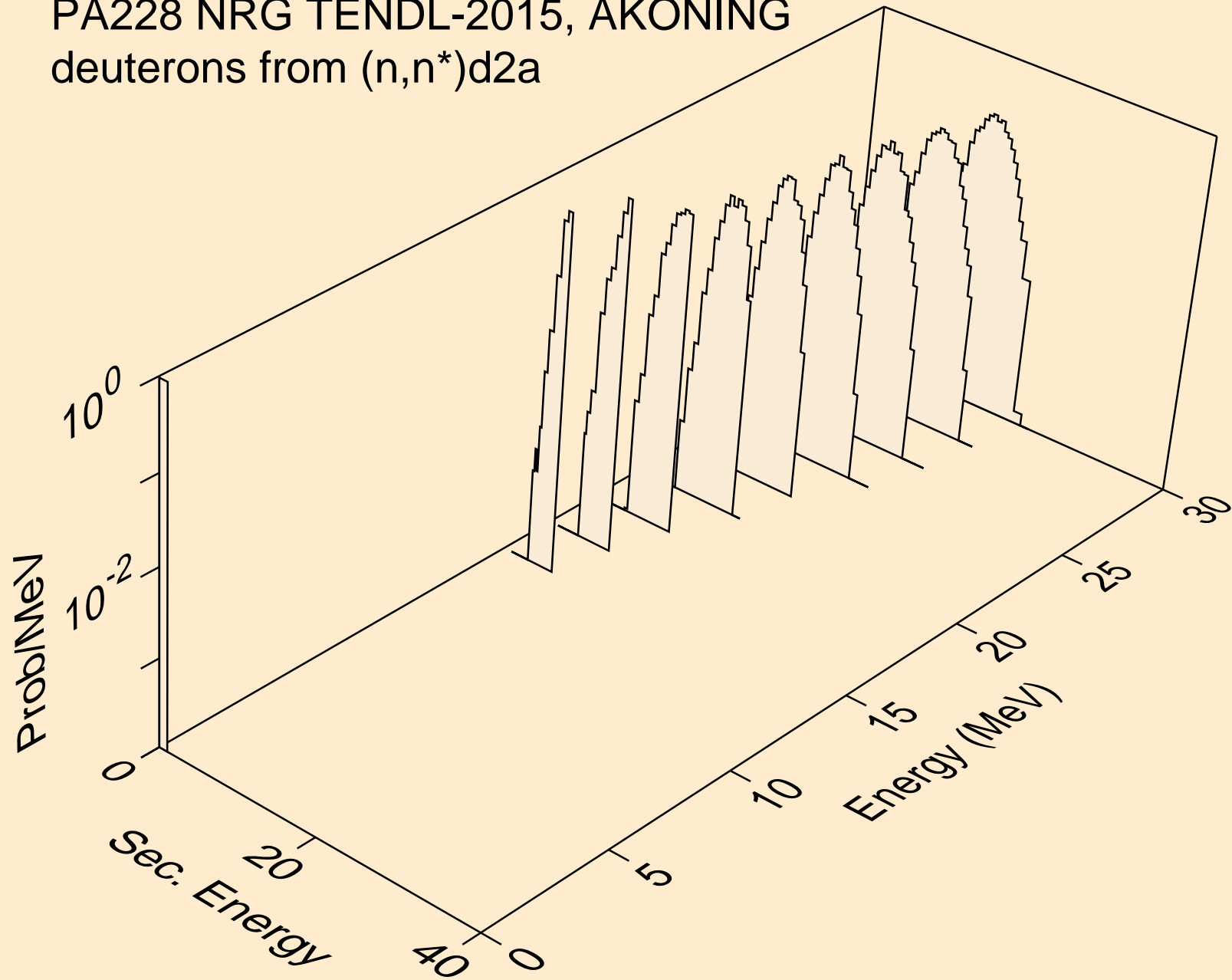
PA228 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



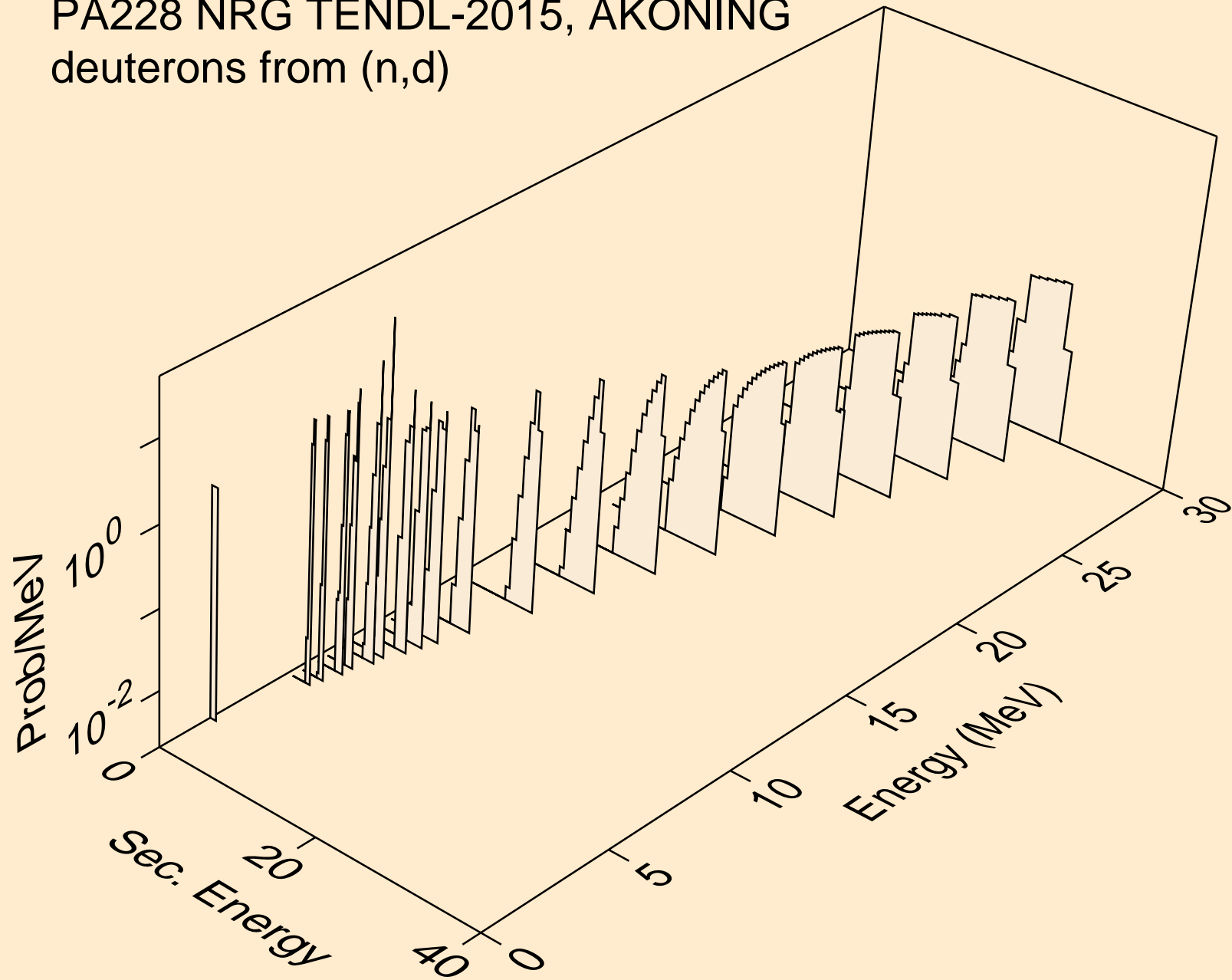
PA228 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



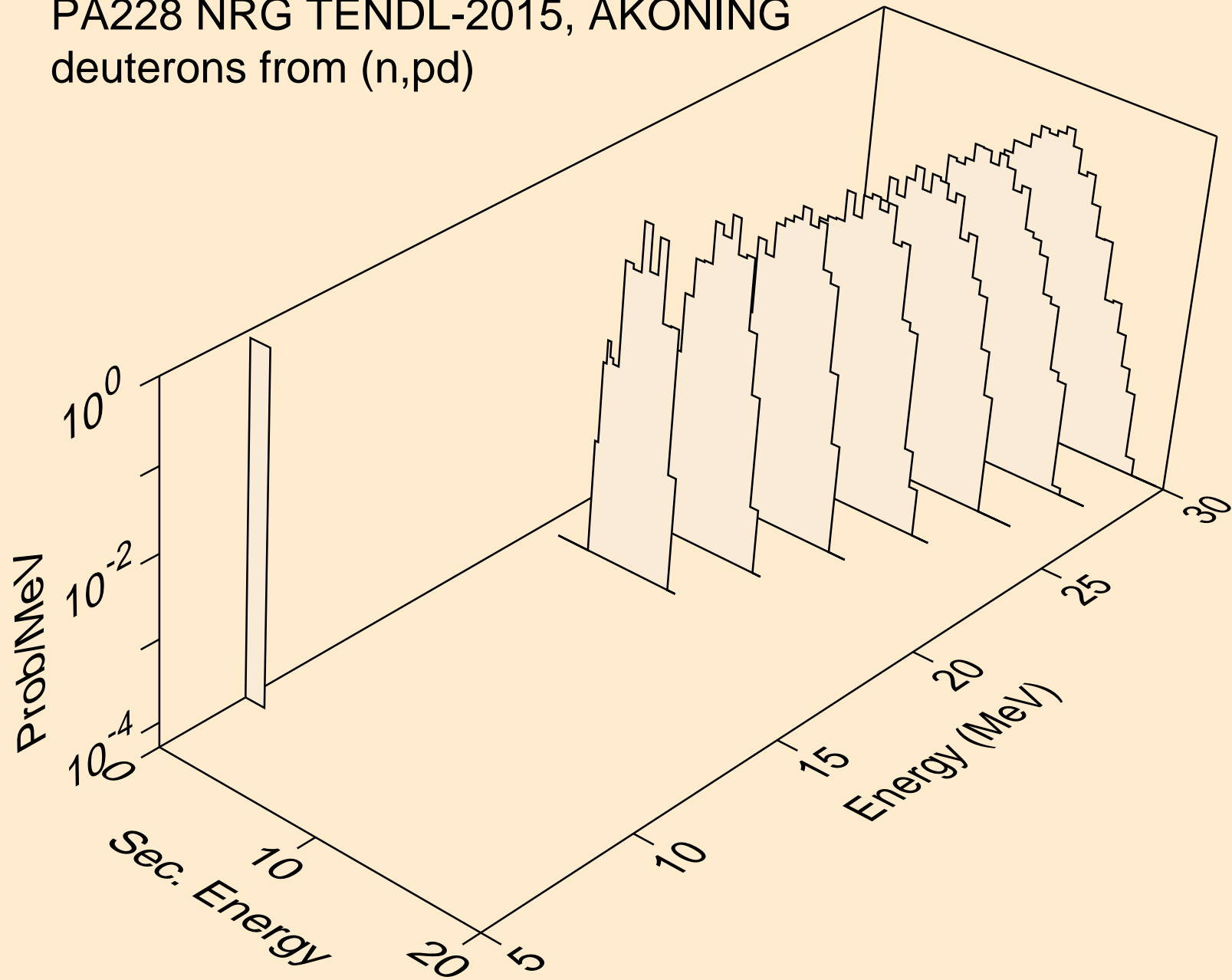
PA228 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



PA228 NRG TENDL-2015, AKONING  
deuterons from (n,d)

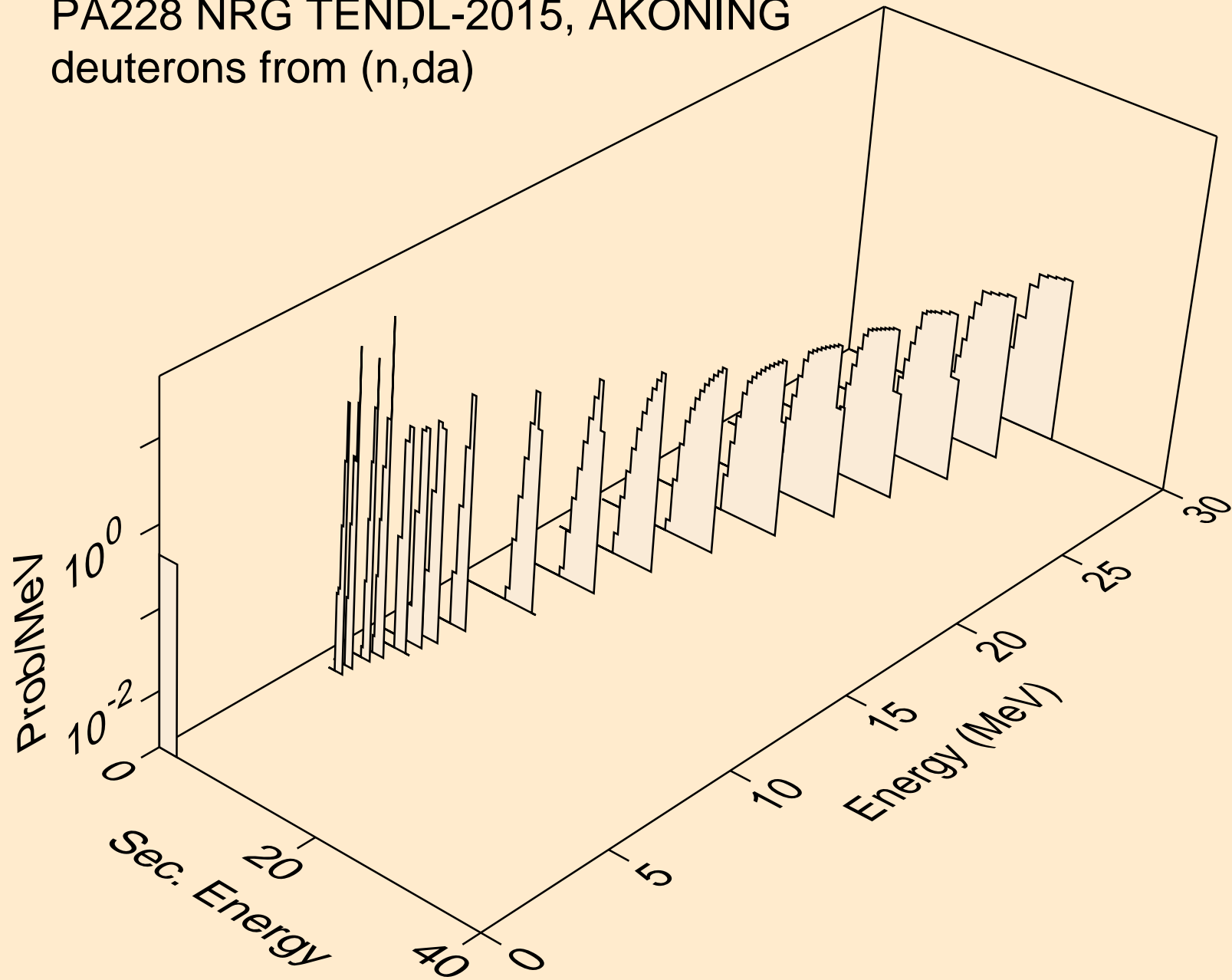


PA228 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

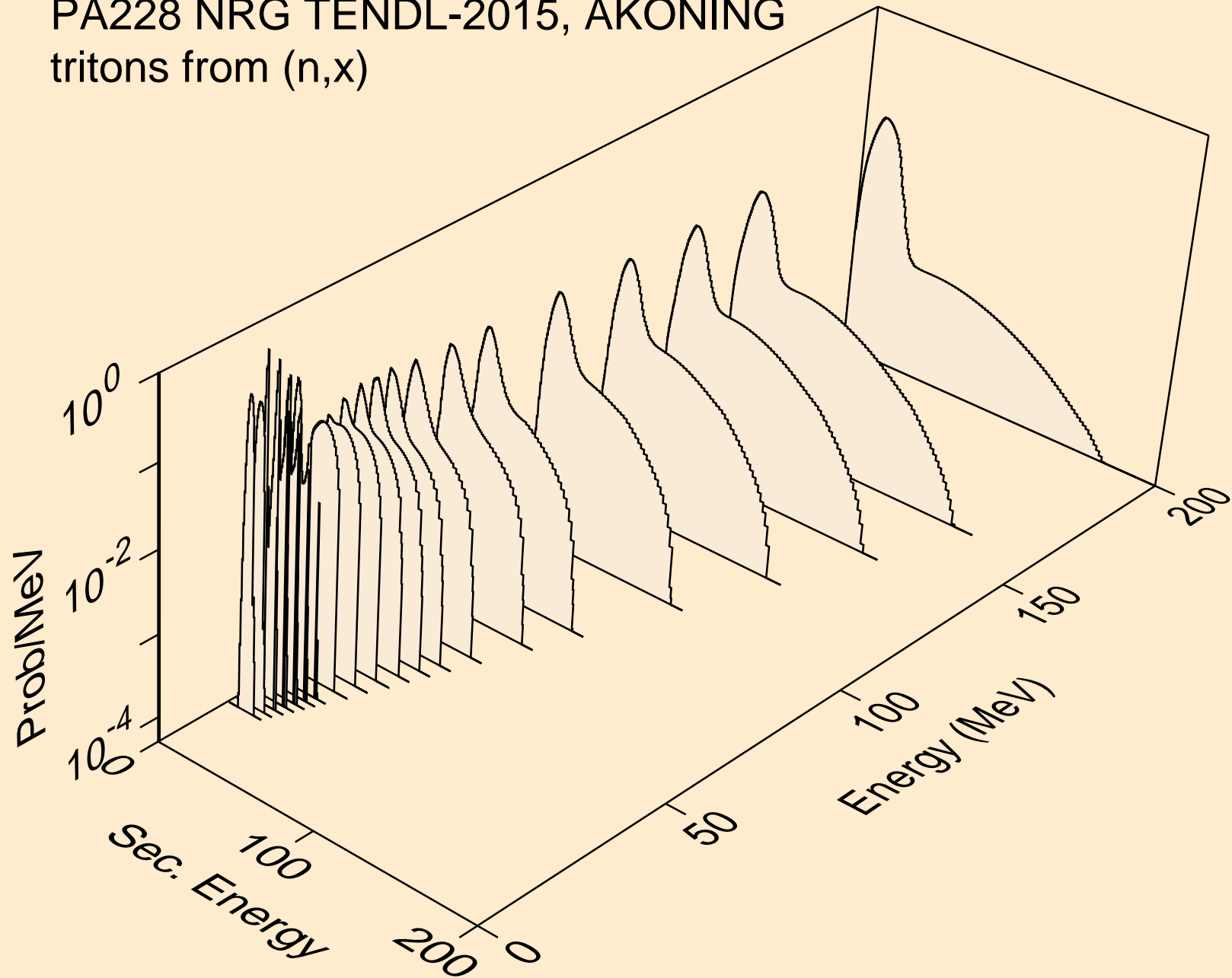




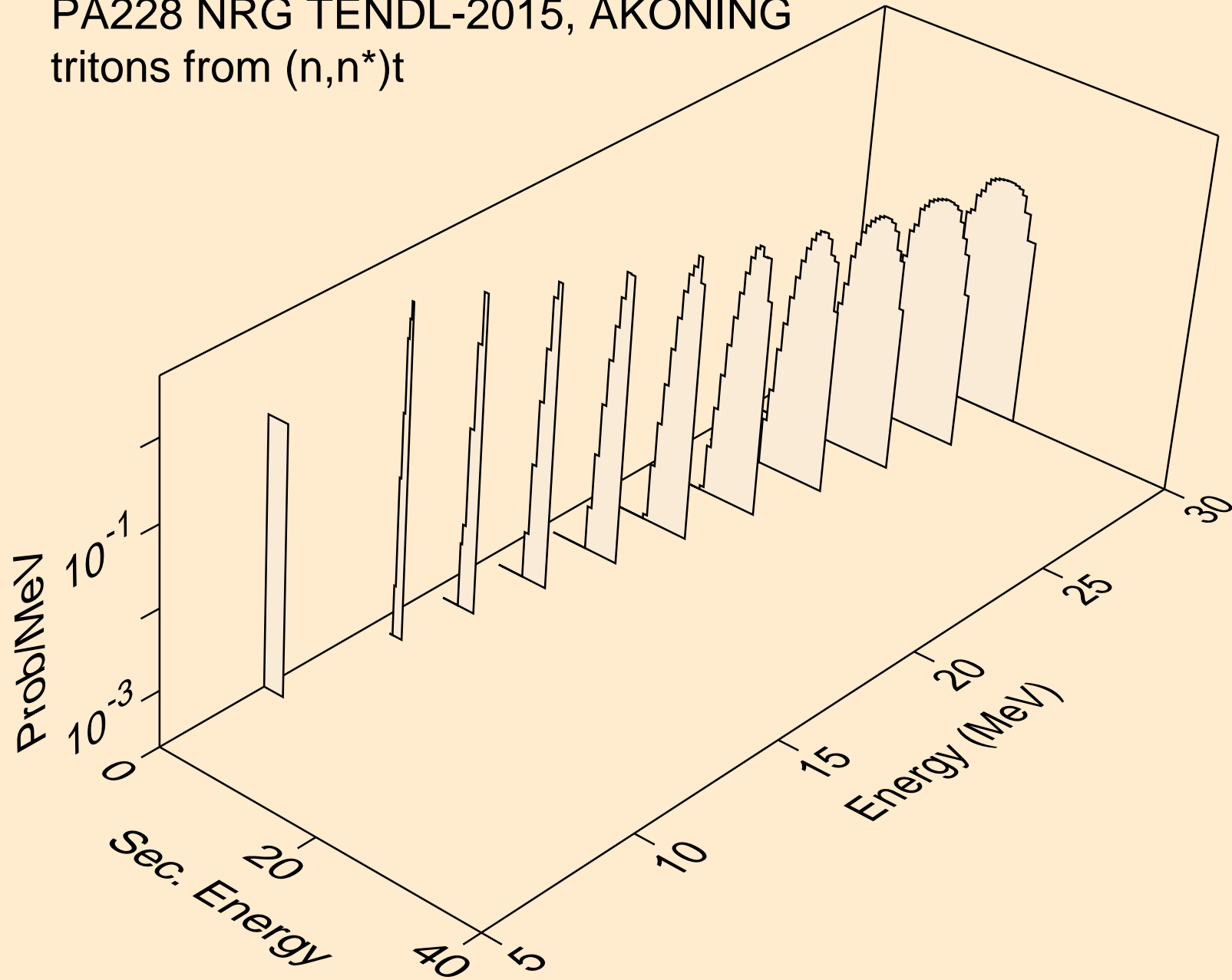
PA228 NRG TENDL-2015, AKONING  
deuterons from (n,da)



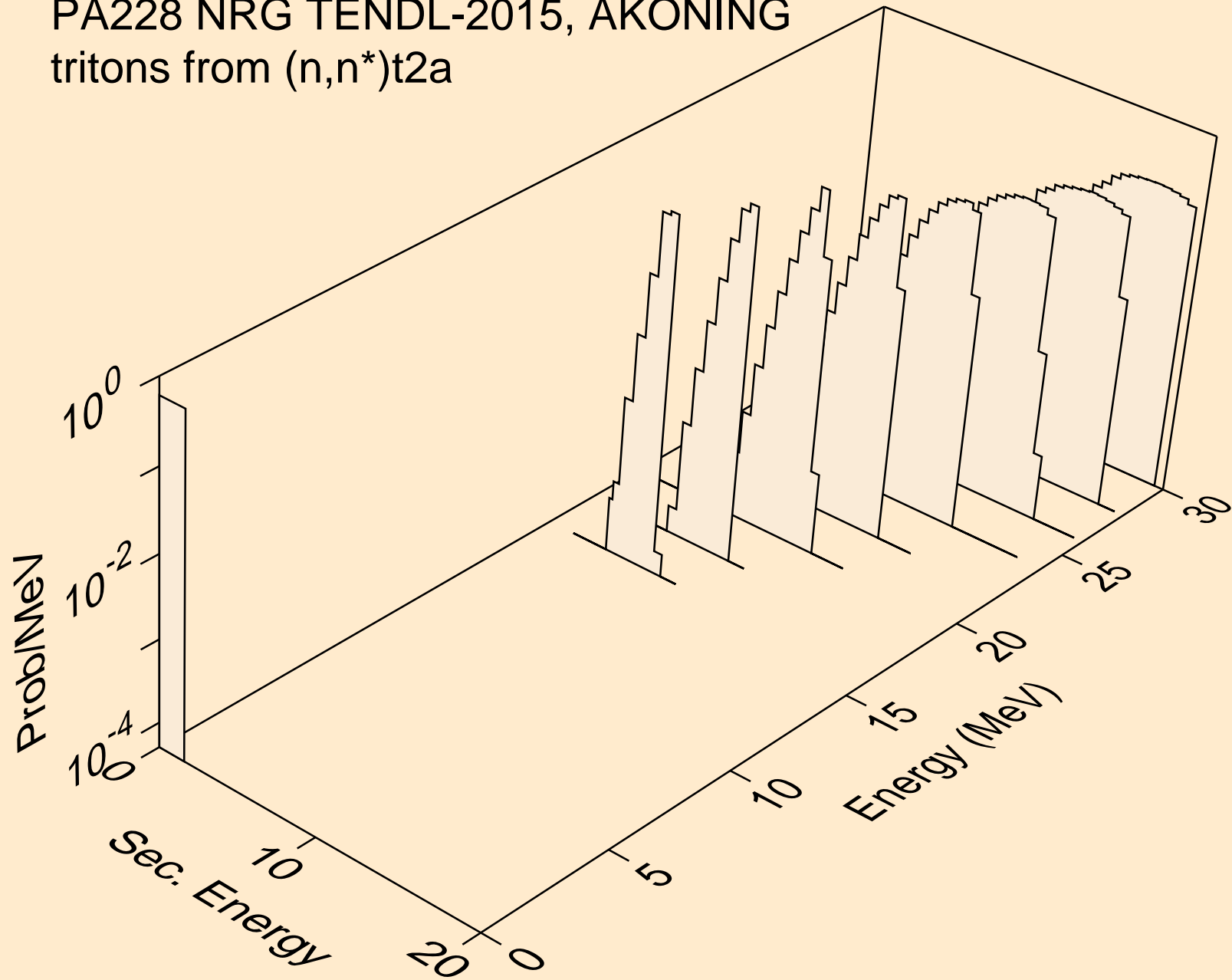
PA228 NRG TENDL-2015, AKONING  
tritons from (n,x)



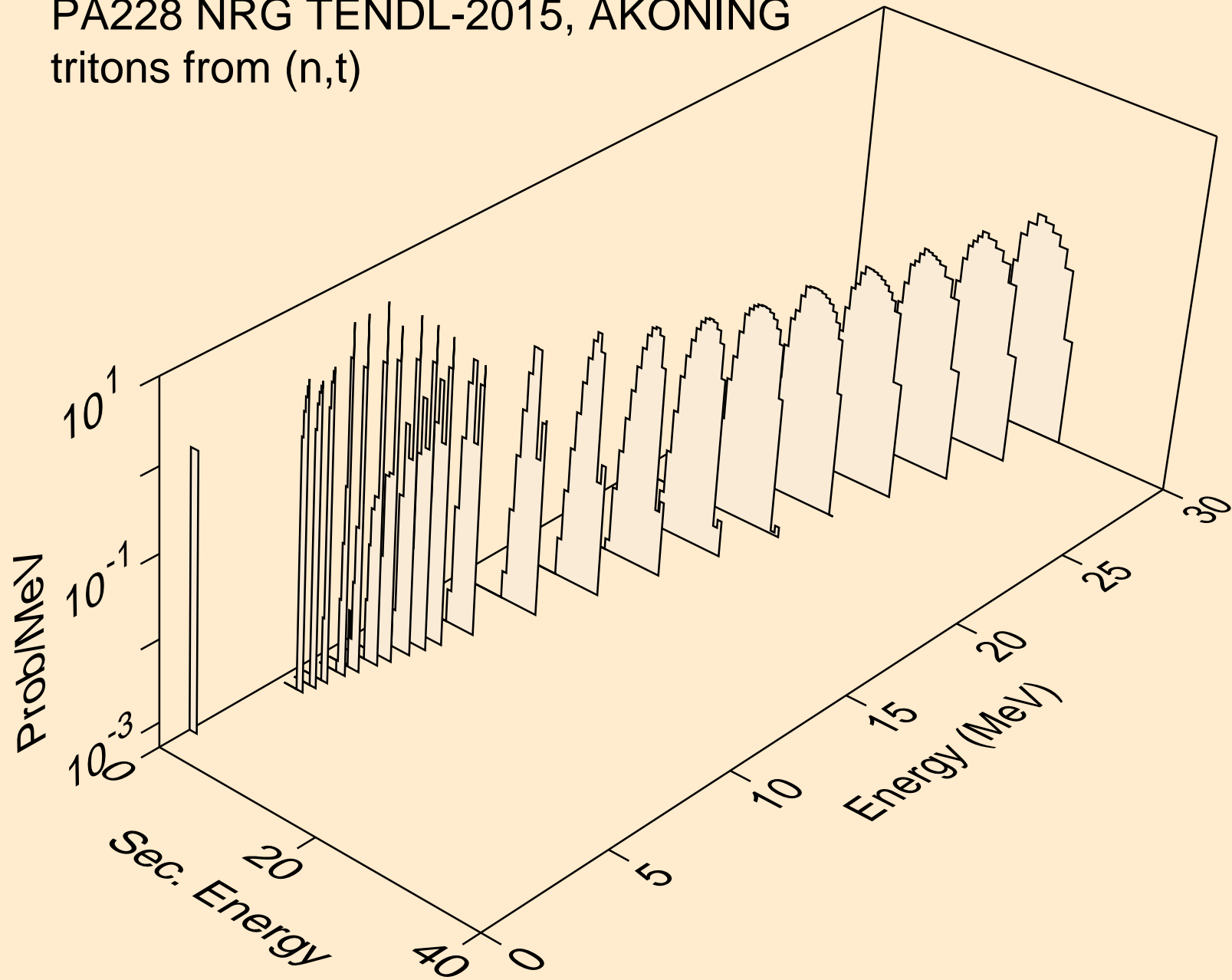
PA228 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



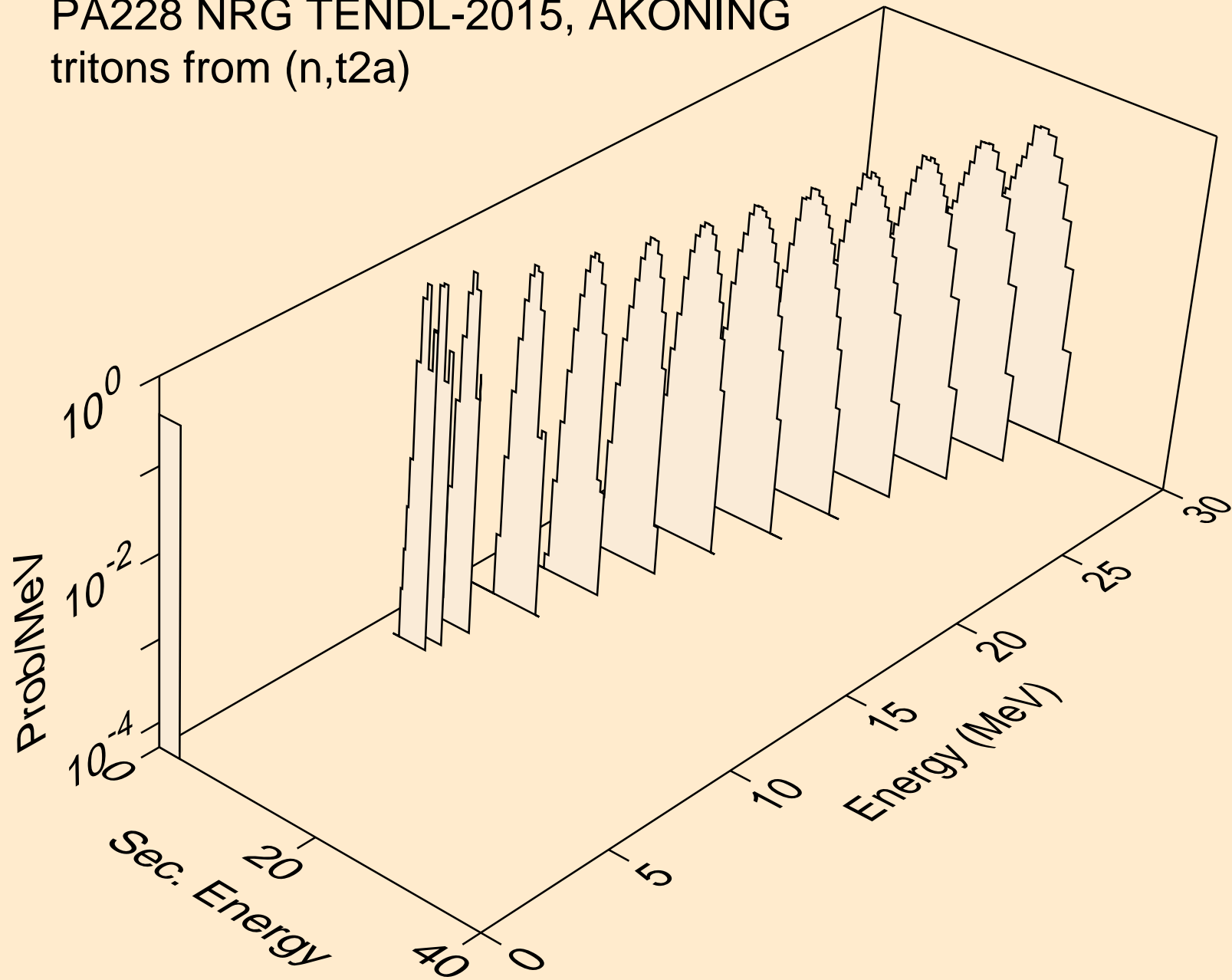
PA228 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



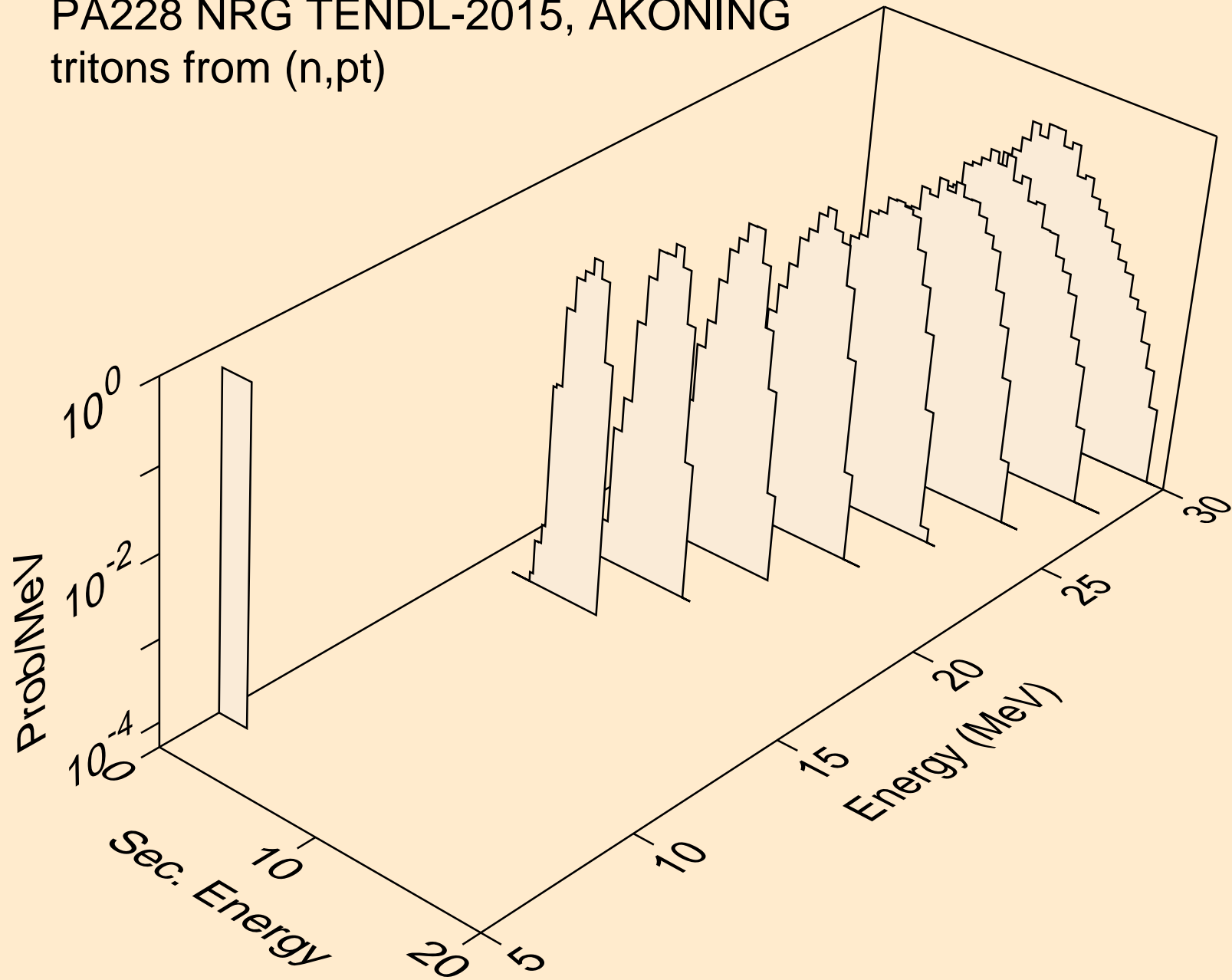
PA228 NRG TENDL-2015, AKONING  
tritons from (n,t)



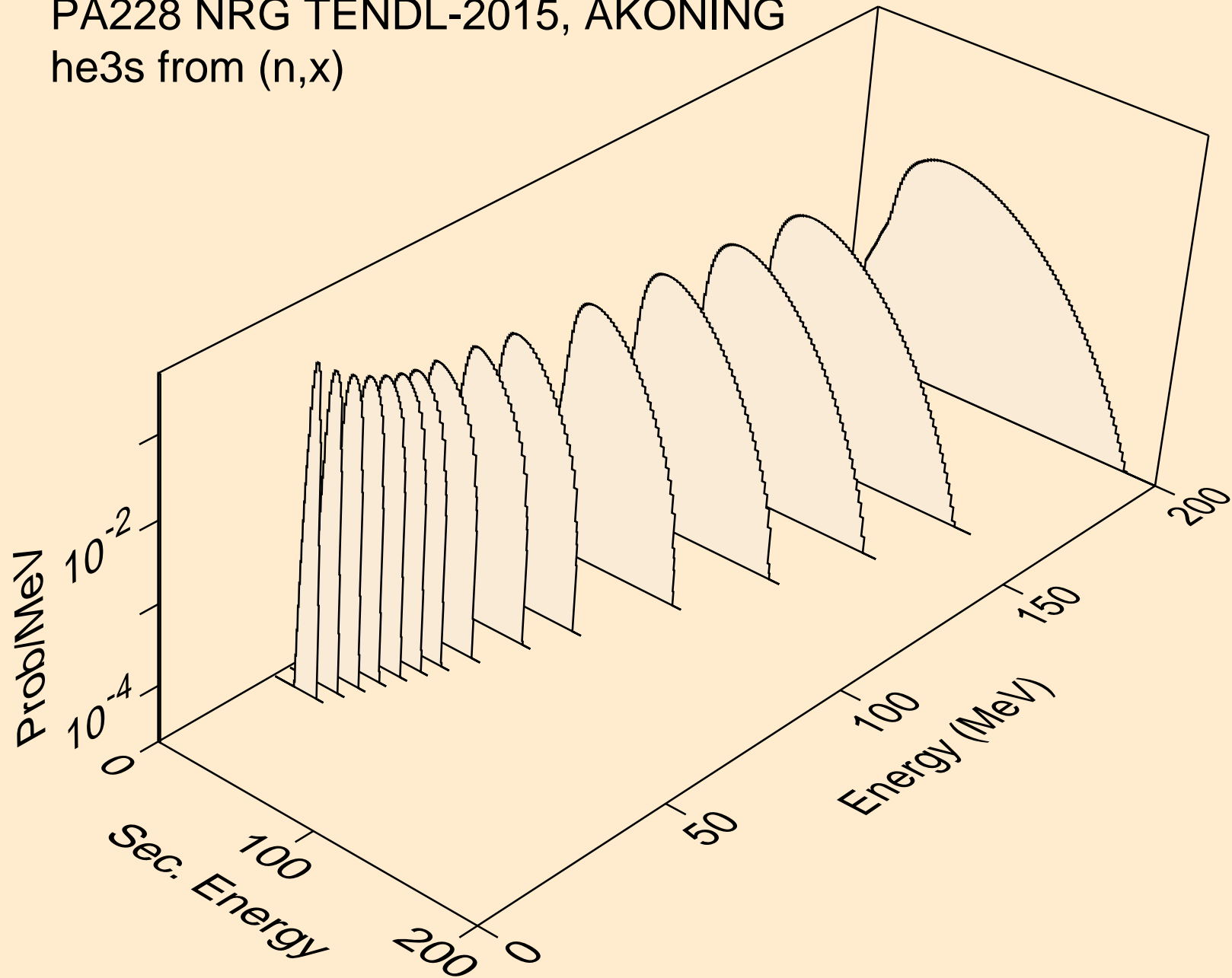
PA228 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



PA228 NRG TENDL-2015, AKONING  
tritons from (n,pt)

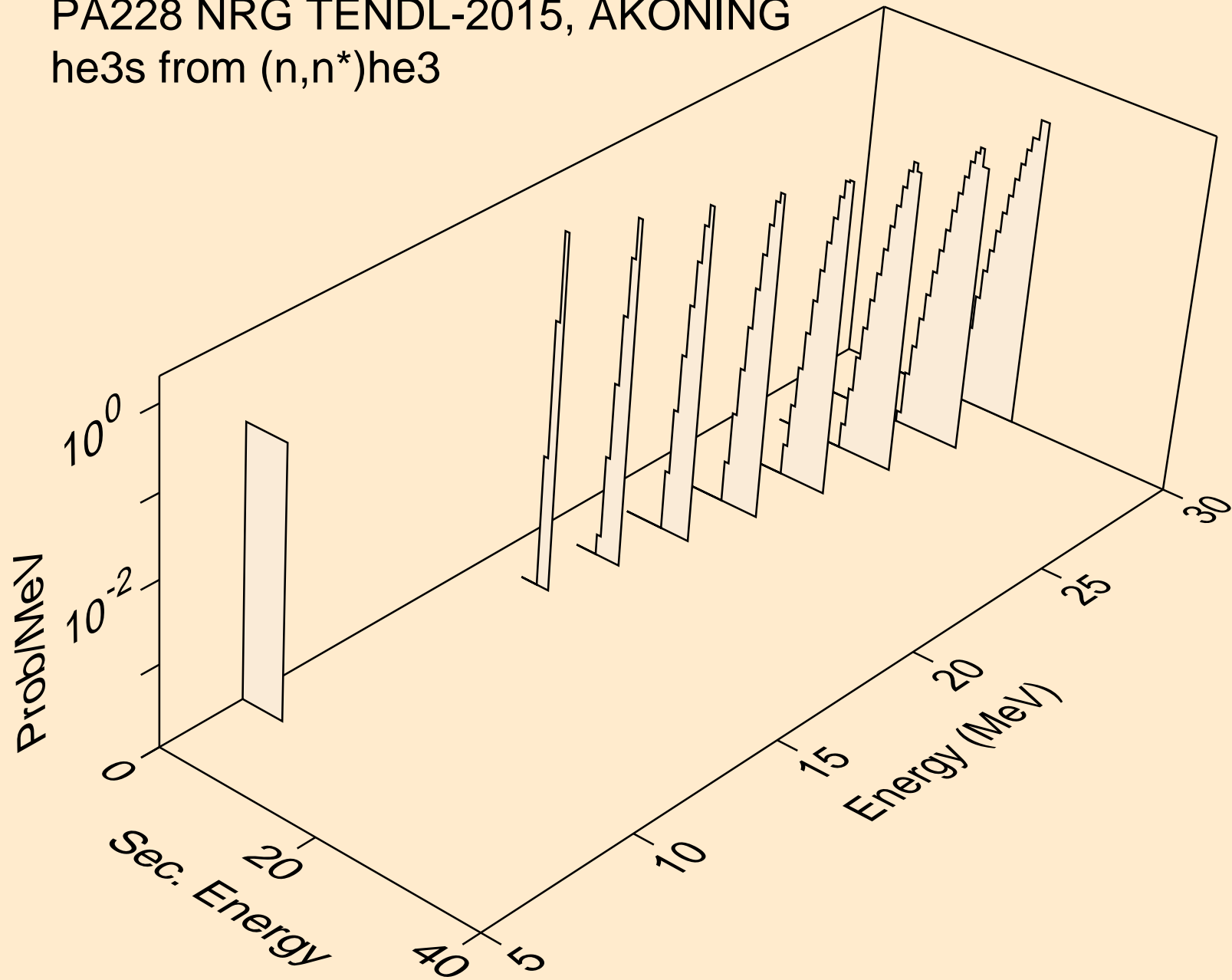


PA228 NRG TENDL-2015, AKONING  
he3s from (n,x)

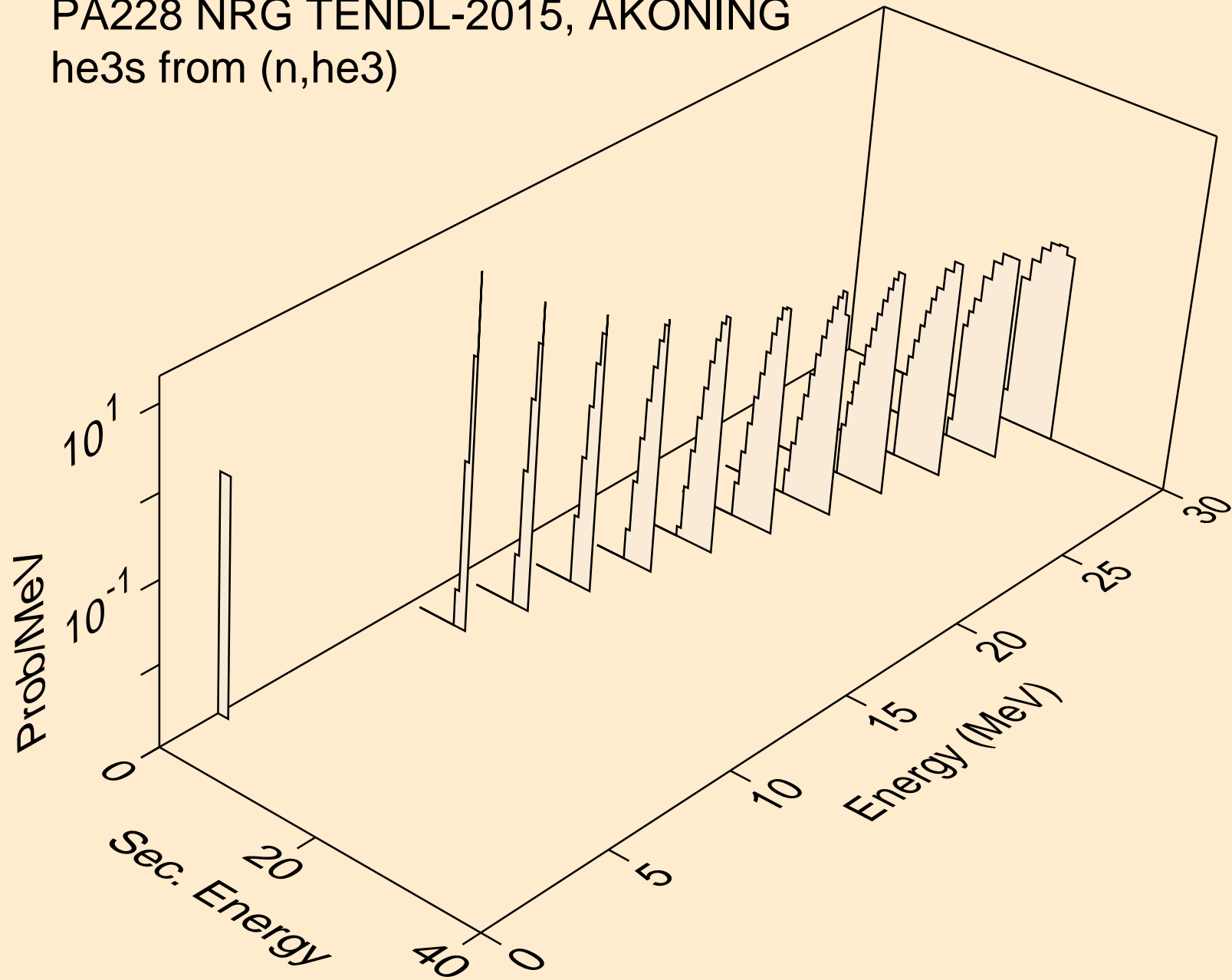




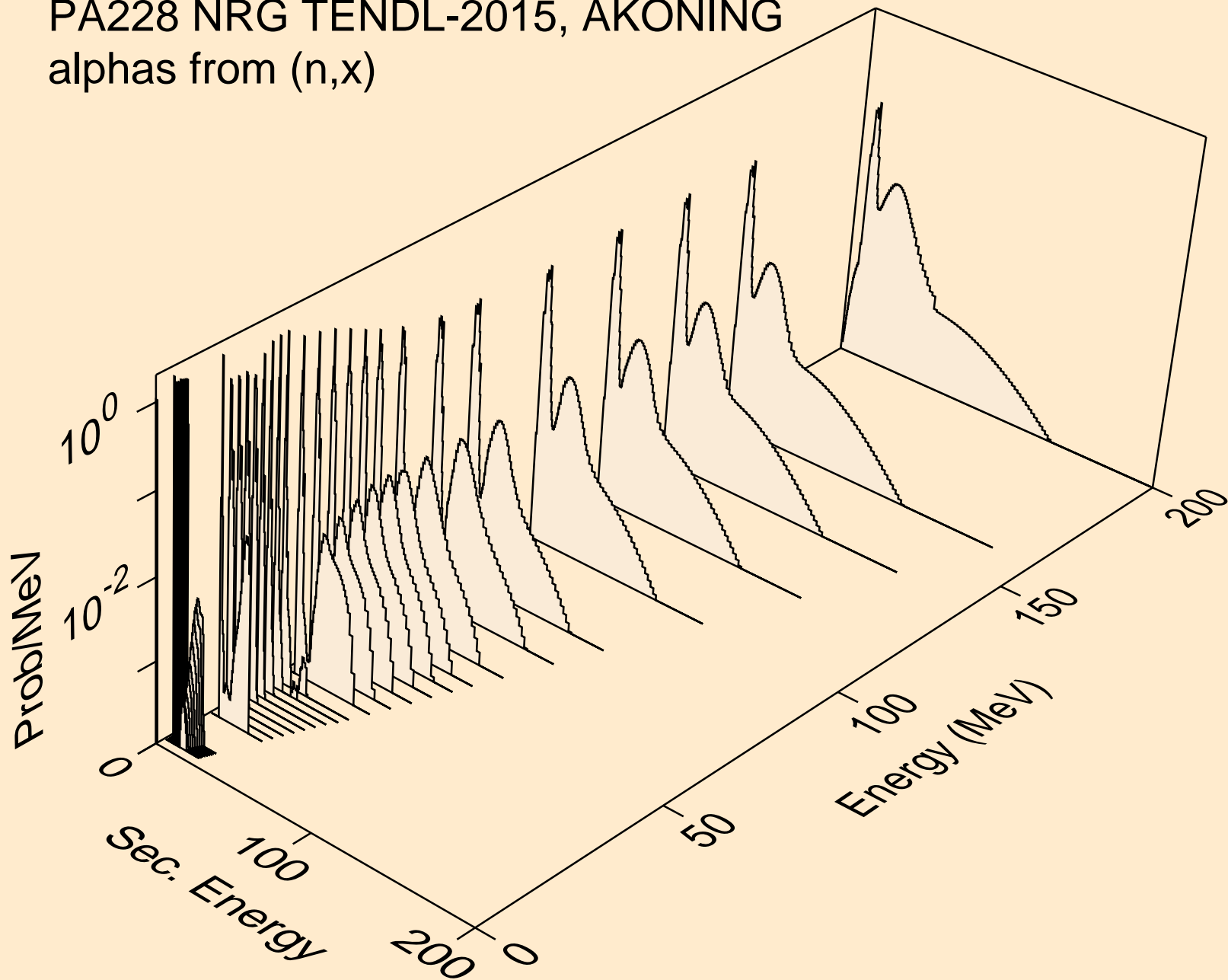
PA228 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



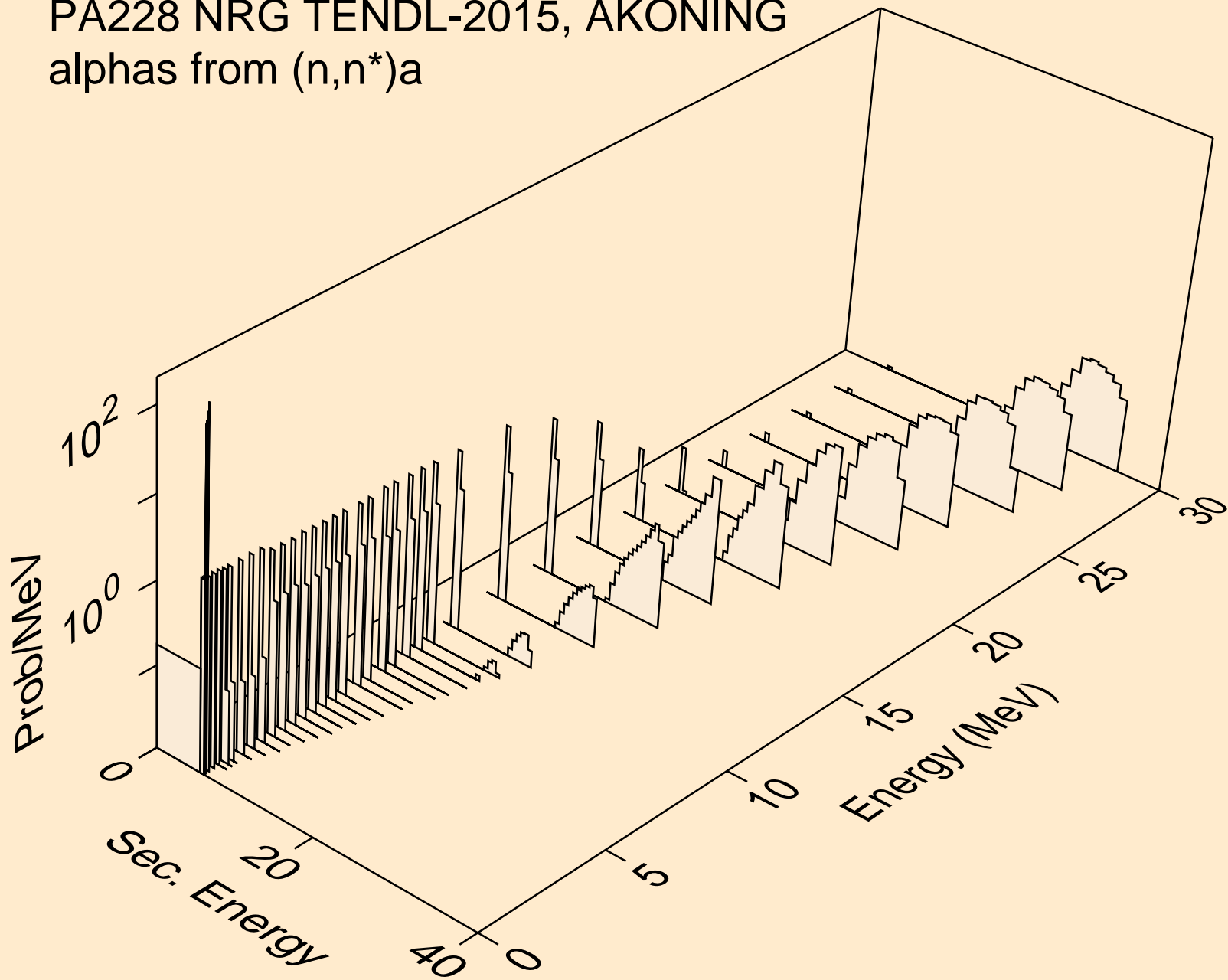
PA228 NRG TENDL-2015, AKONING  
he3s from (n,he3)



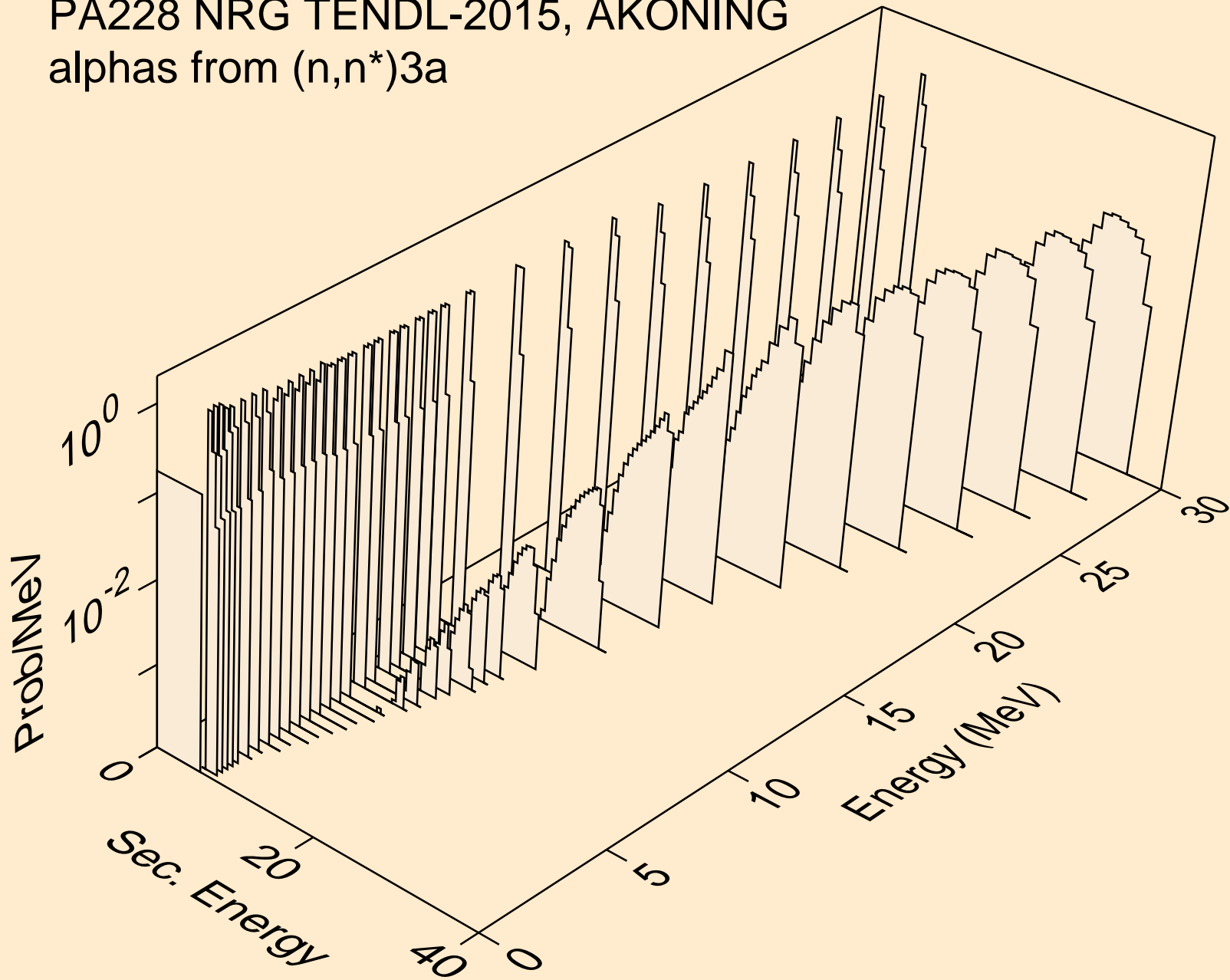
PA228 NRG TENDL-2015, AKONING  
alphas from (n,x)



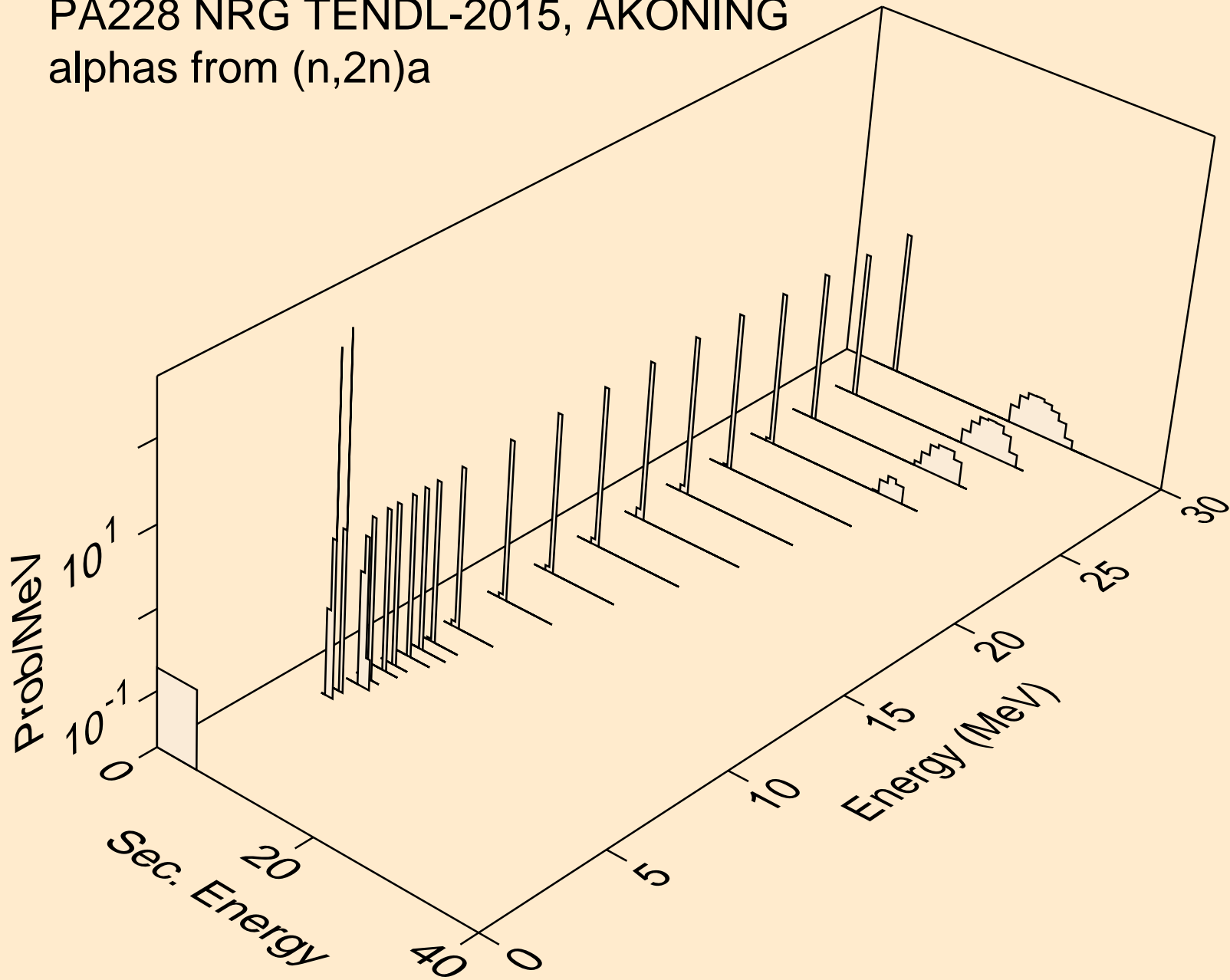
PA228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



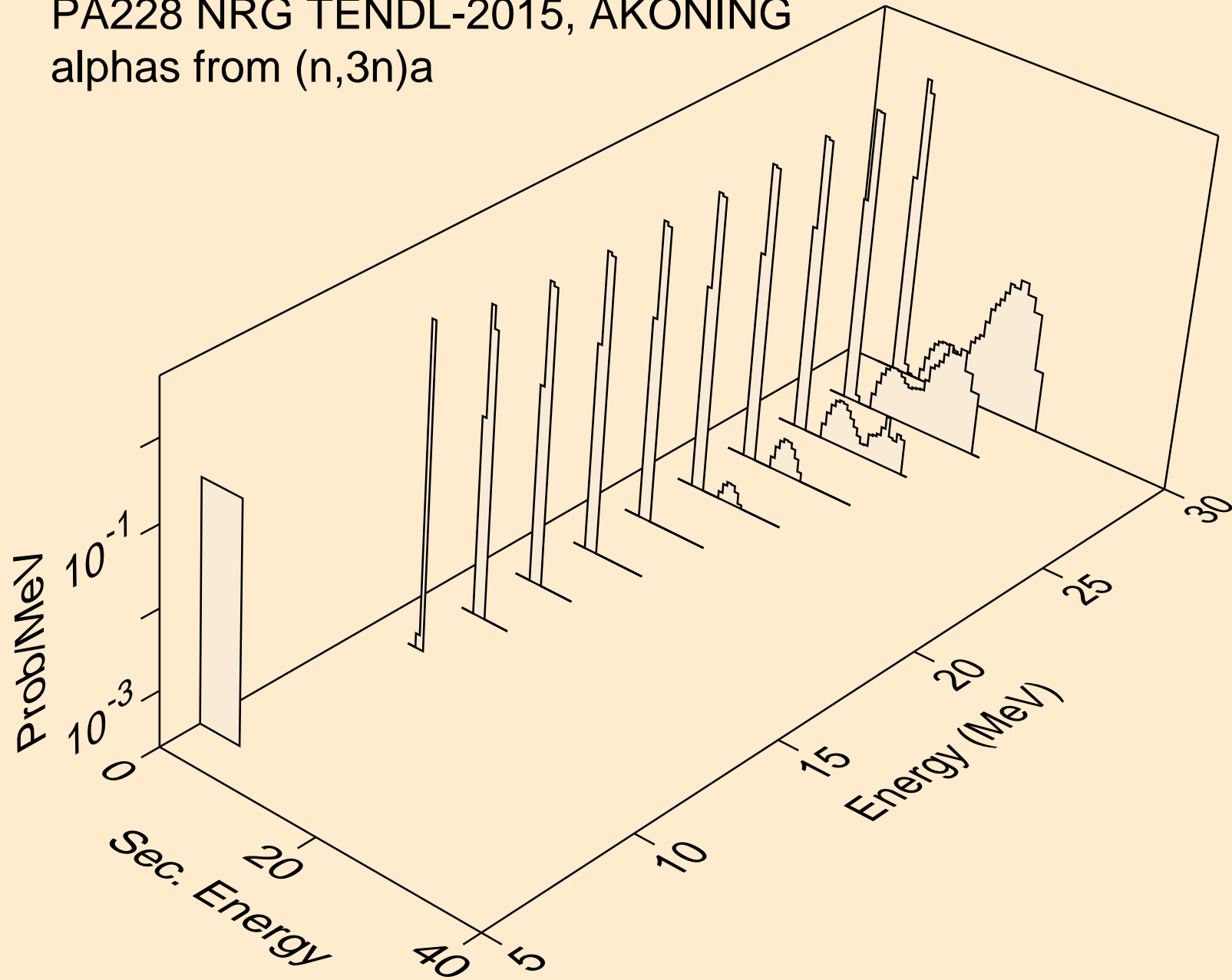
PA228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



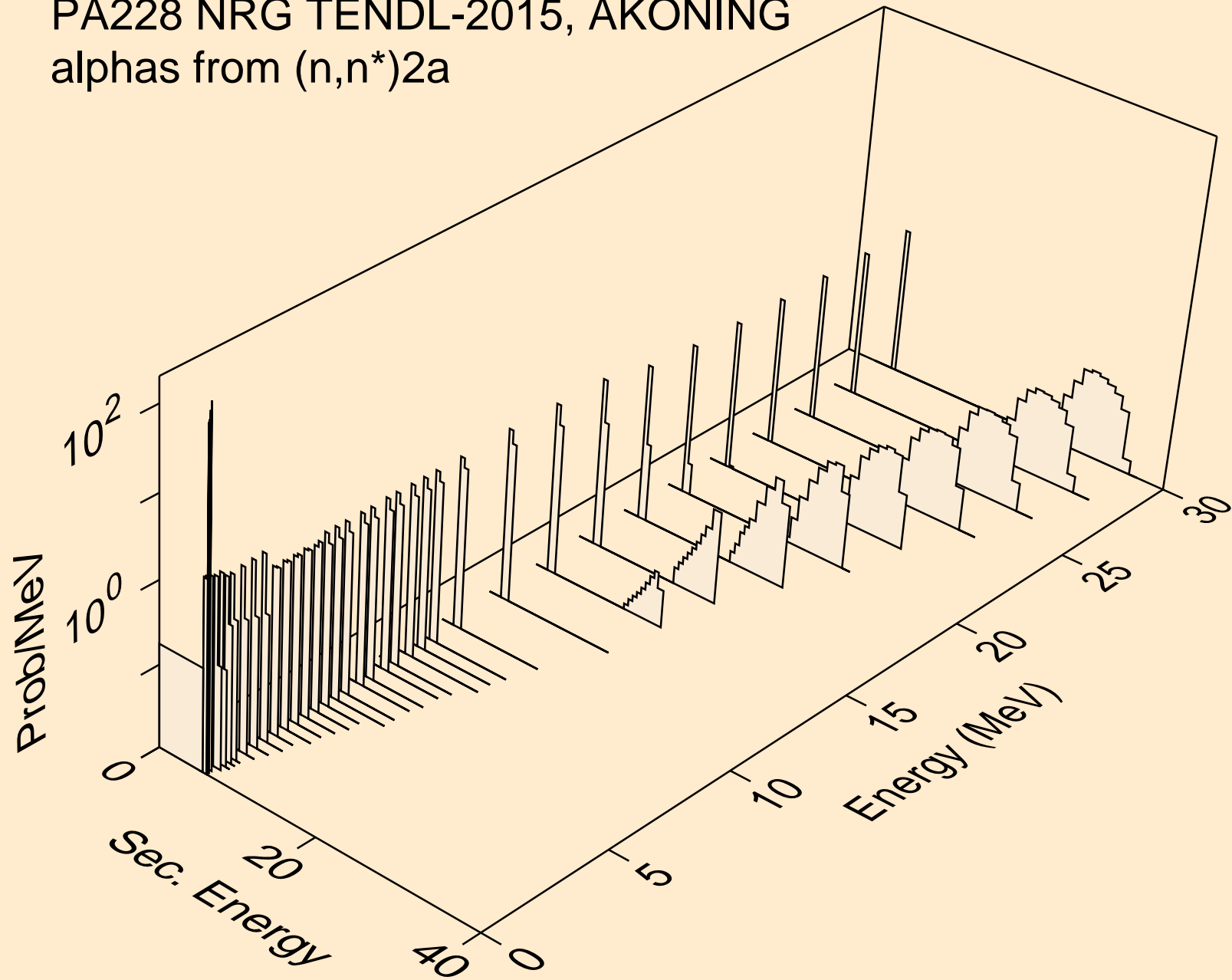
PA228 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PA228 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

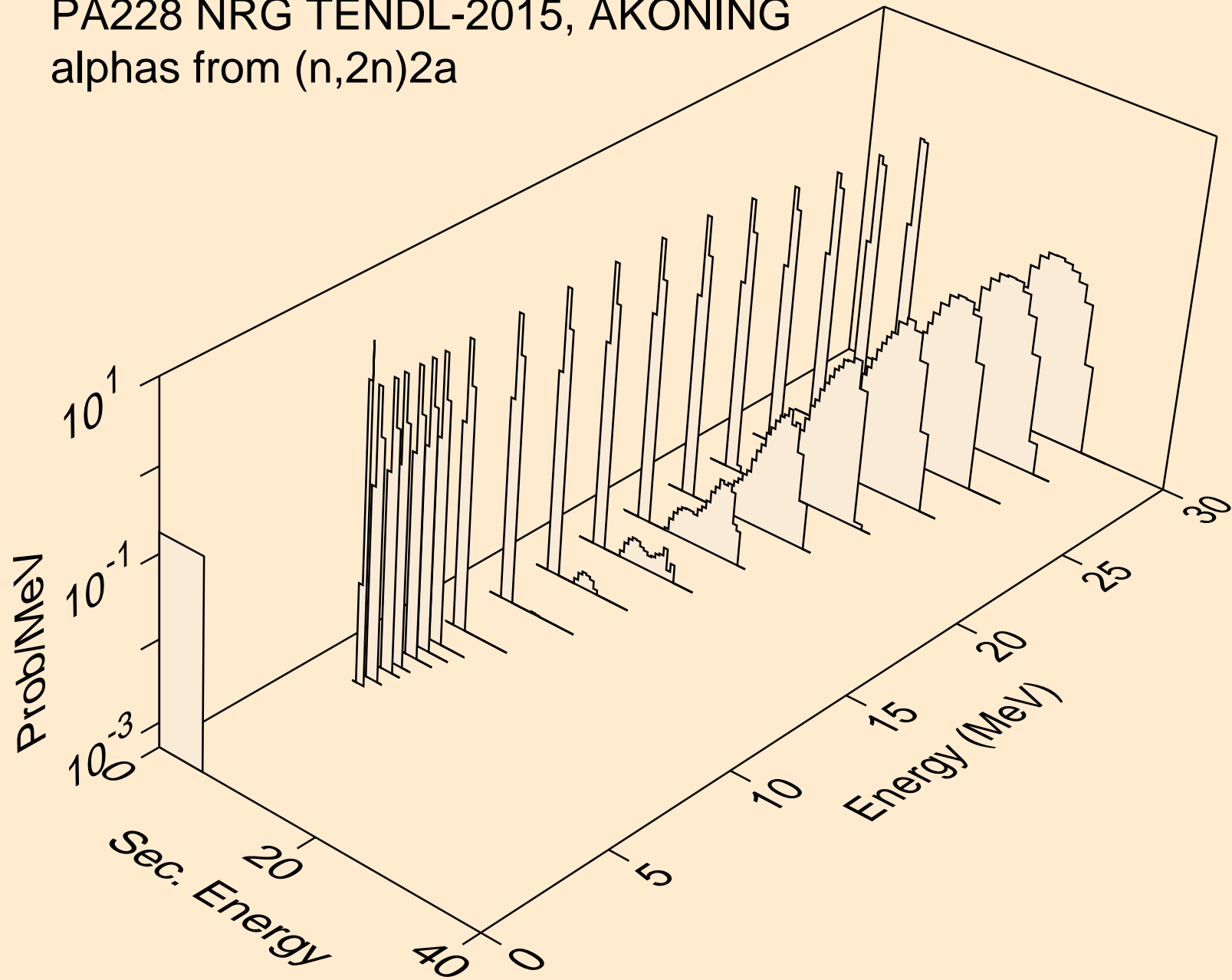


PA228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

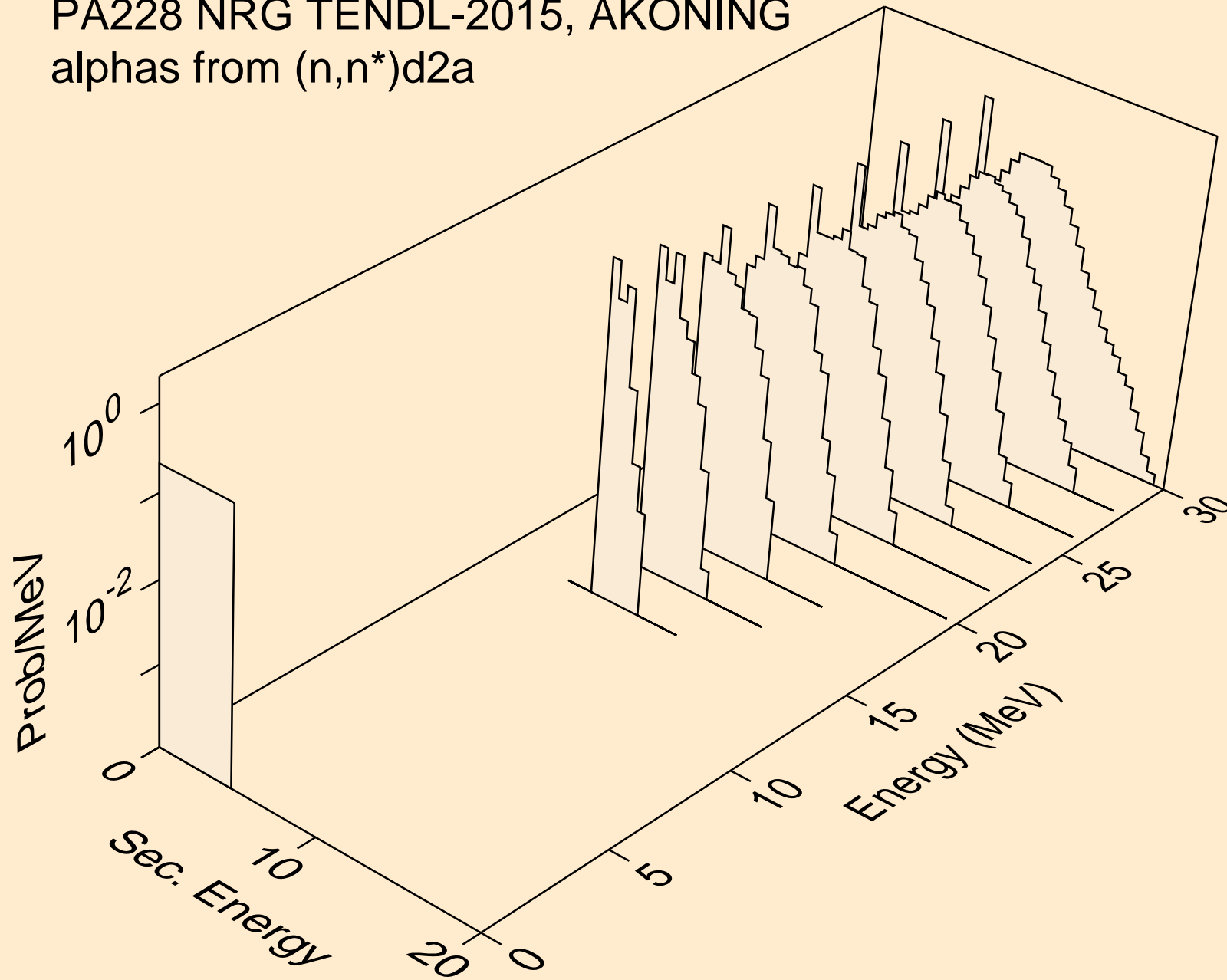




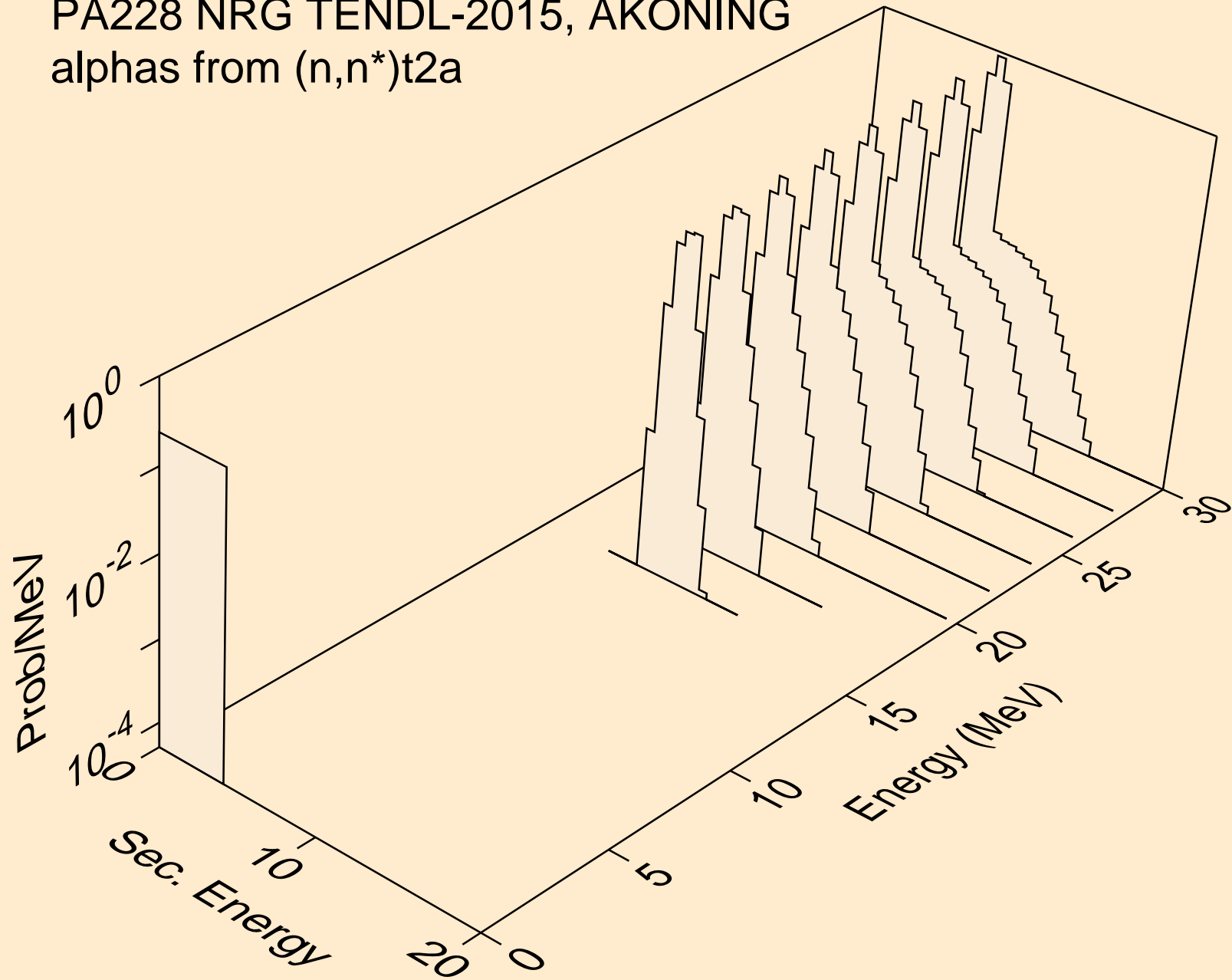
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alphas from (n,2n)2a



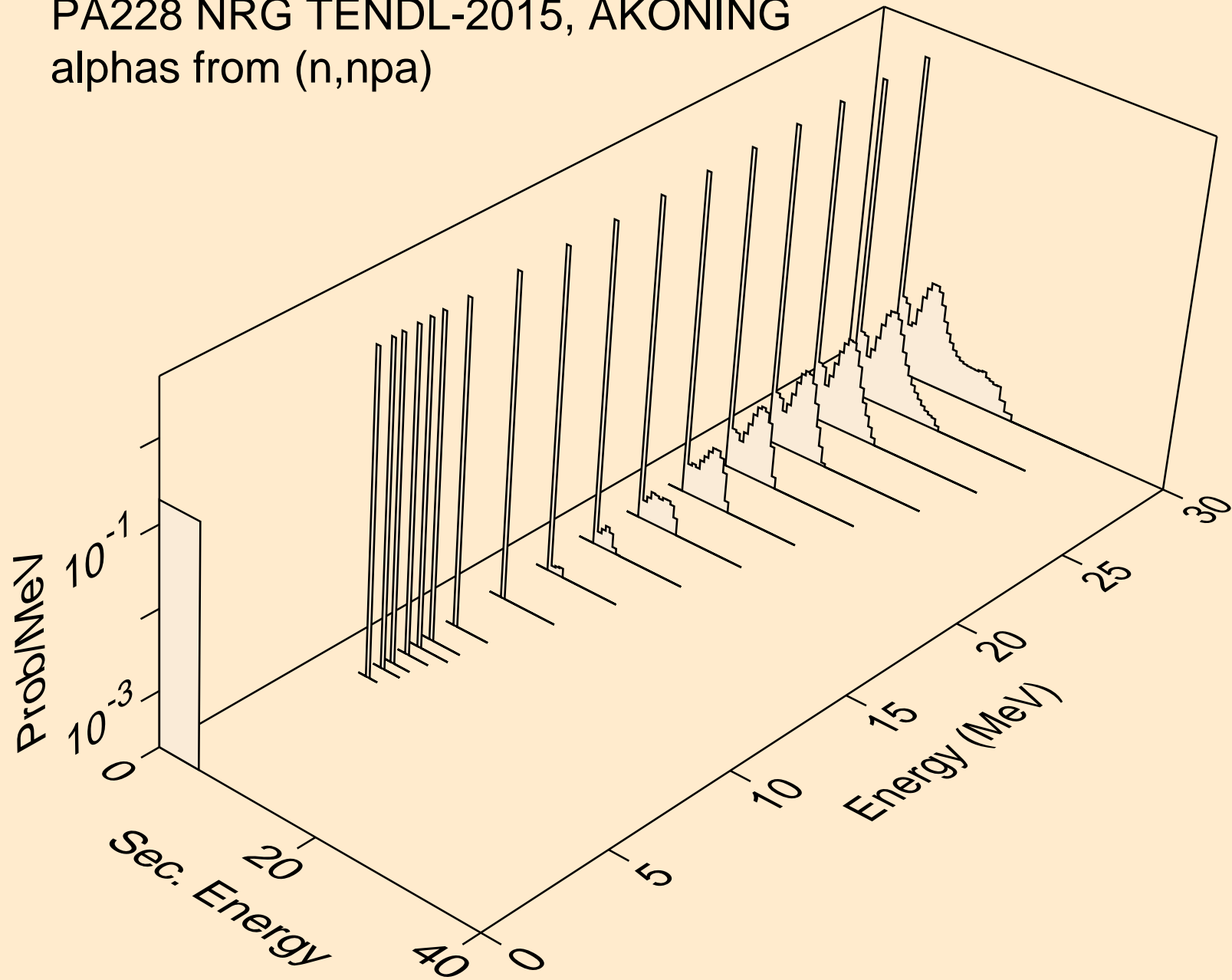
PA228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



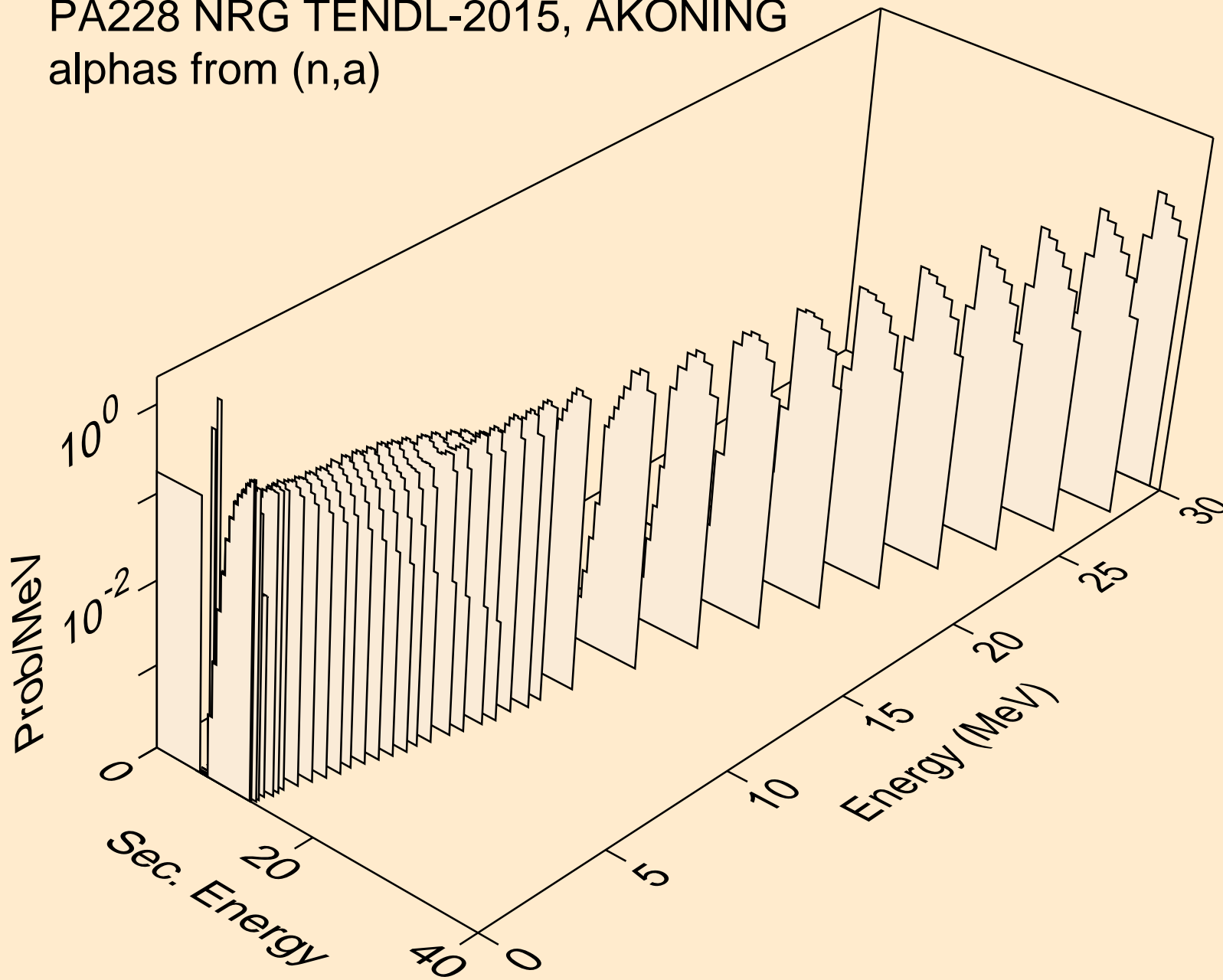
PA228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



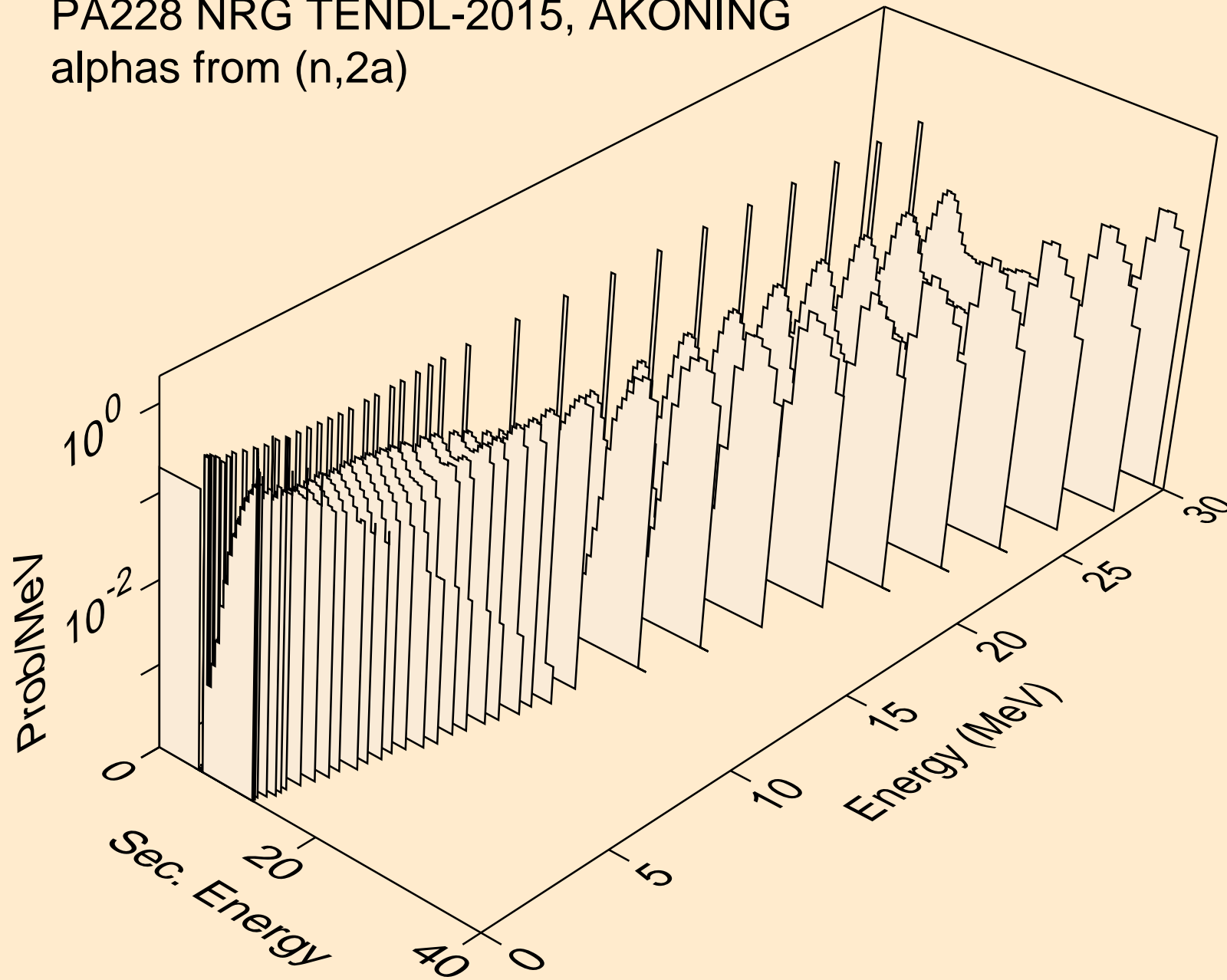
PA228 NRG TENDL-2015, AKONING  
alphas from (n,npa)



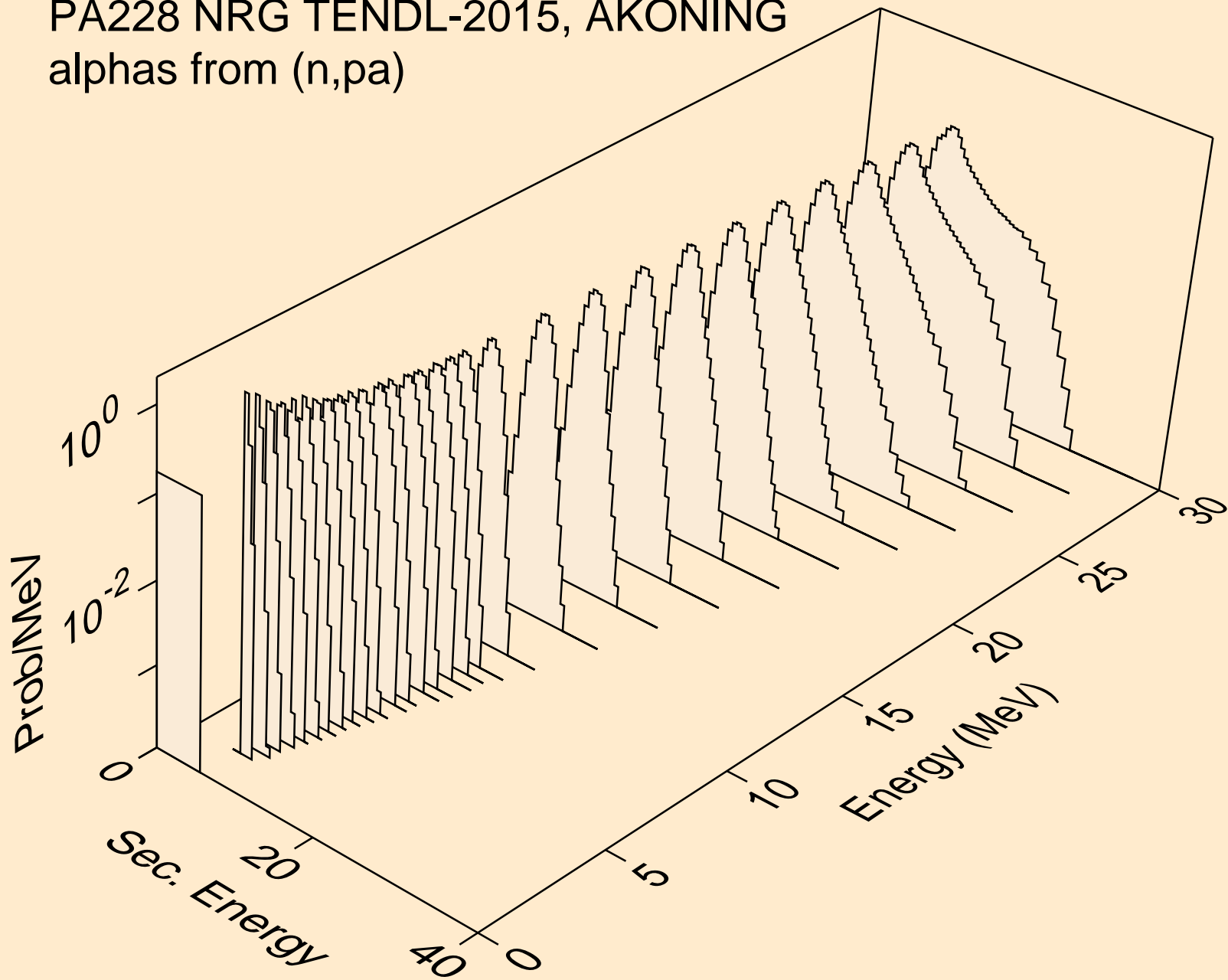
PA228 NRG TENDL-2015, AKONING  
alphas from (n,a)



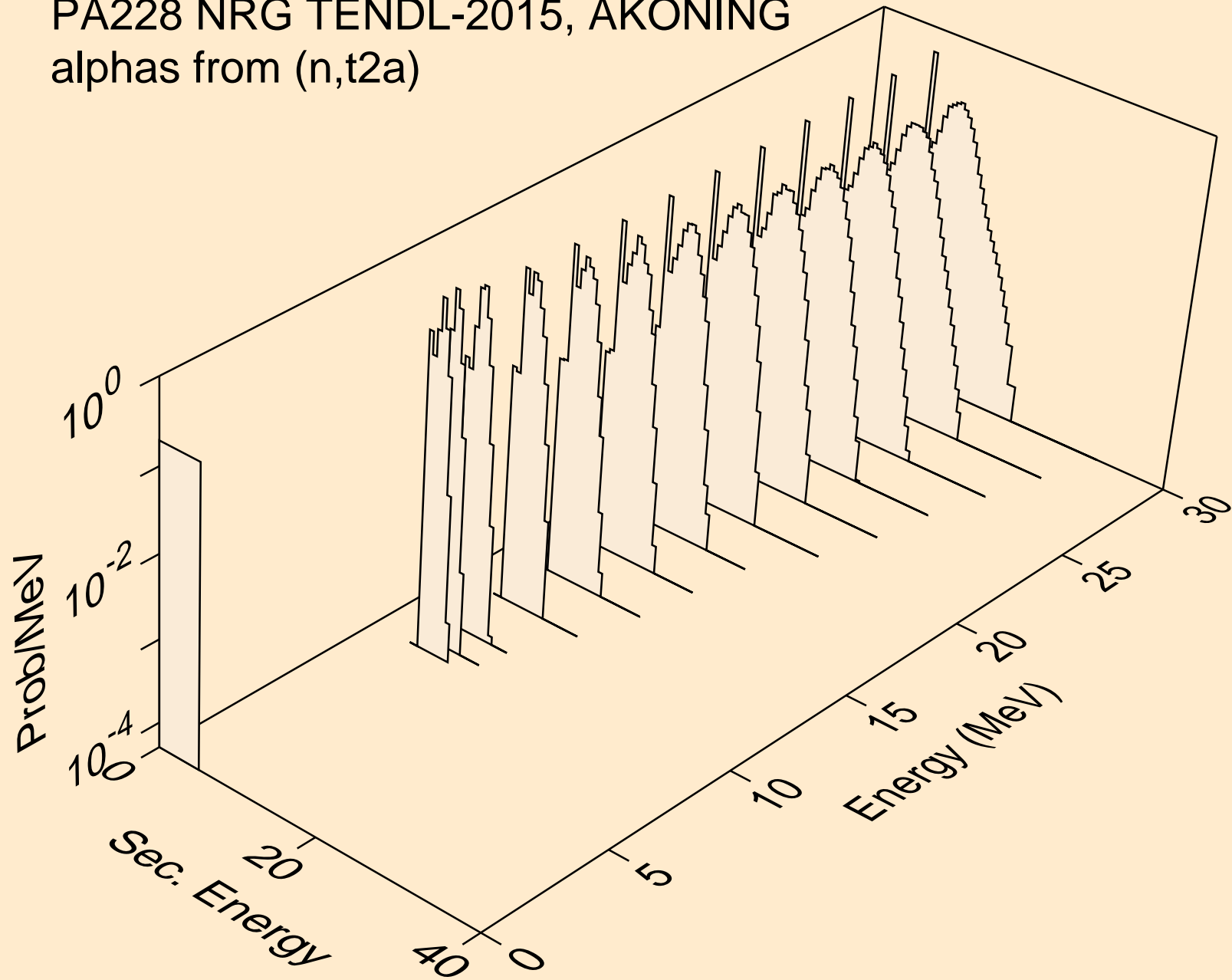
PA228 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PA228 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PA228 NRG TENDL-2015, AKONING  
alphas from (n,t2a)





PA228 NRG TENDL-2015, AKONING  
alphas from (n,da)

