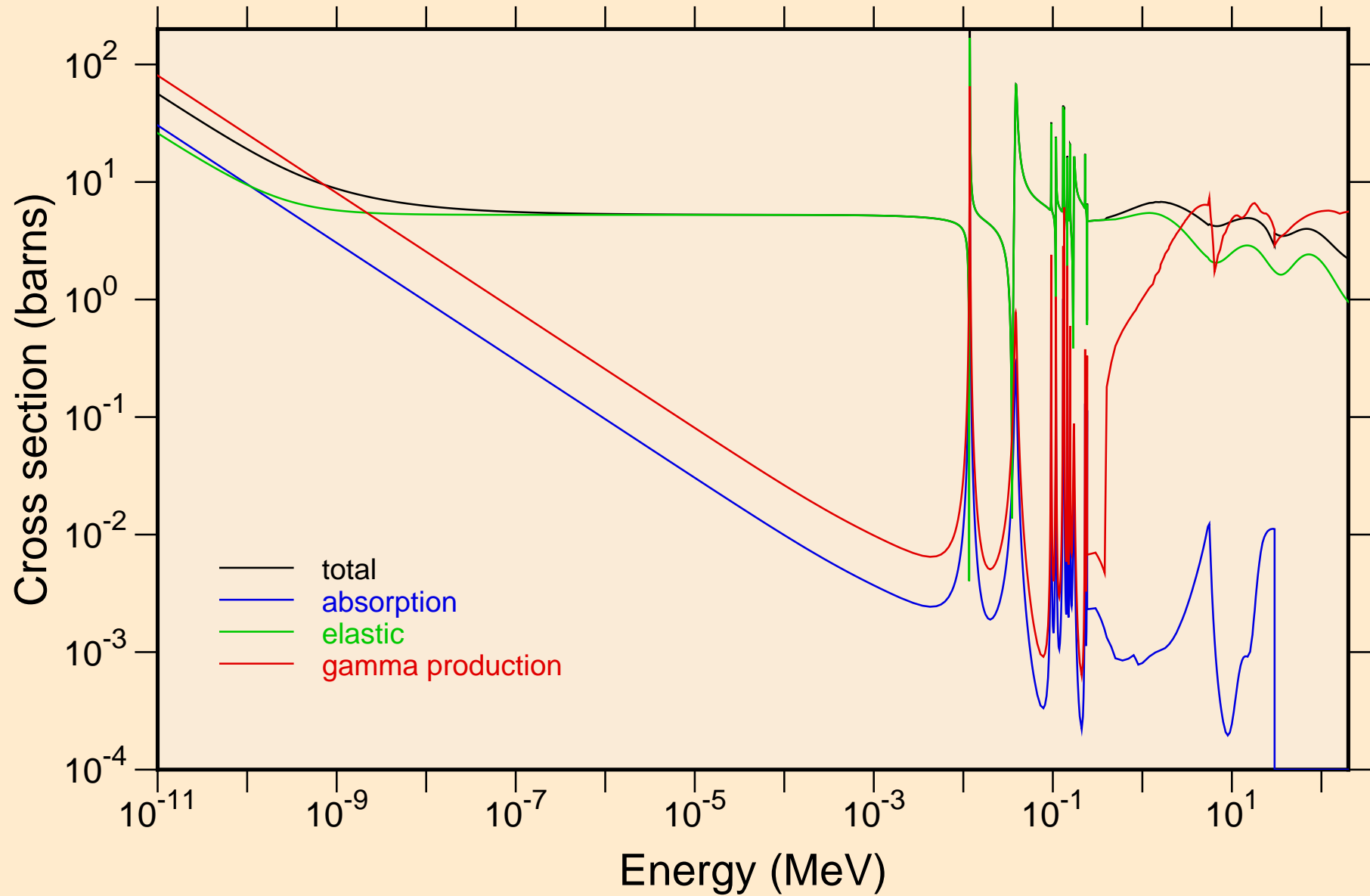
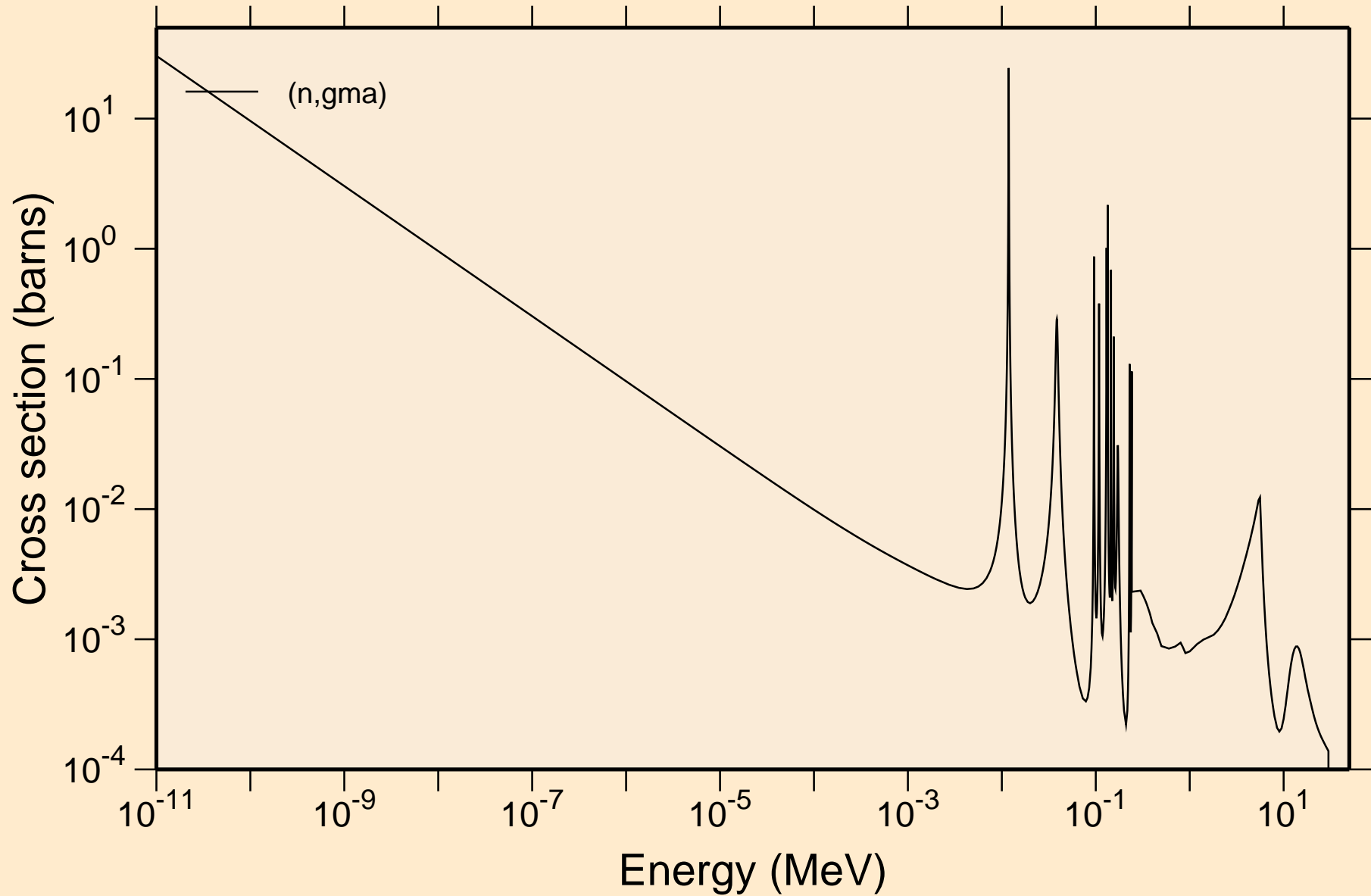


# XE140 NRG TENDL-2015, AKONING

## Principal cross sections

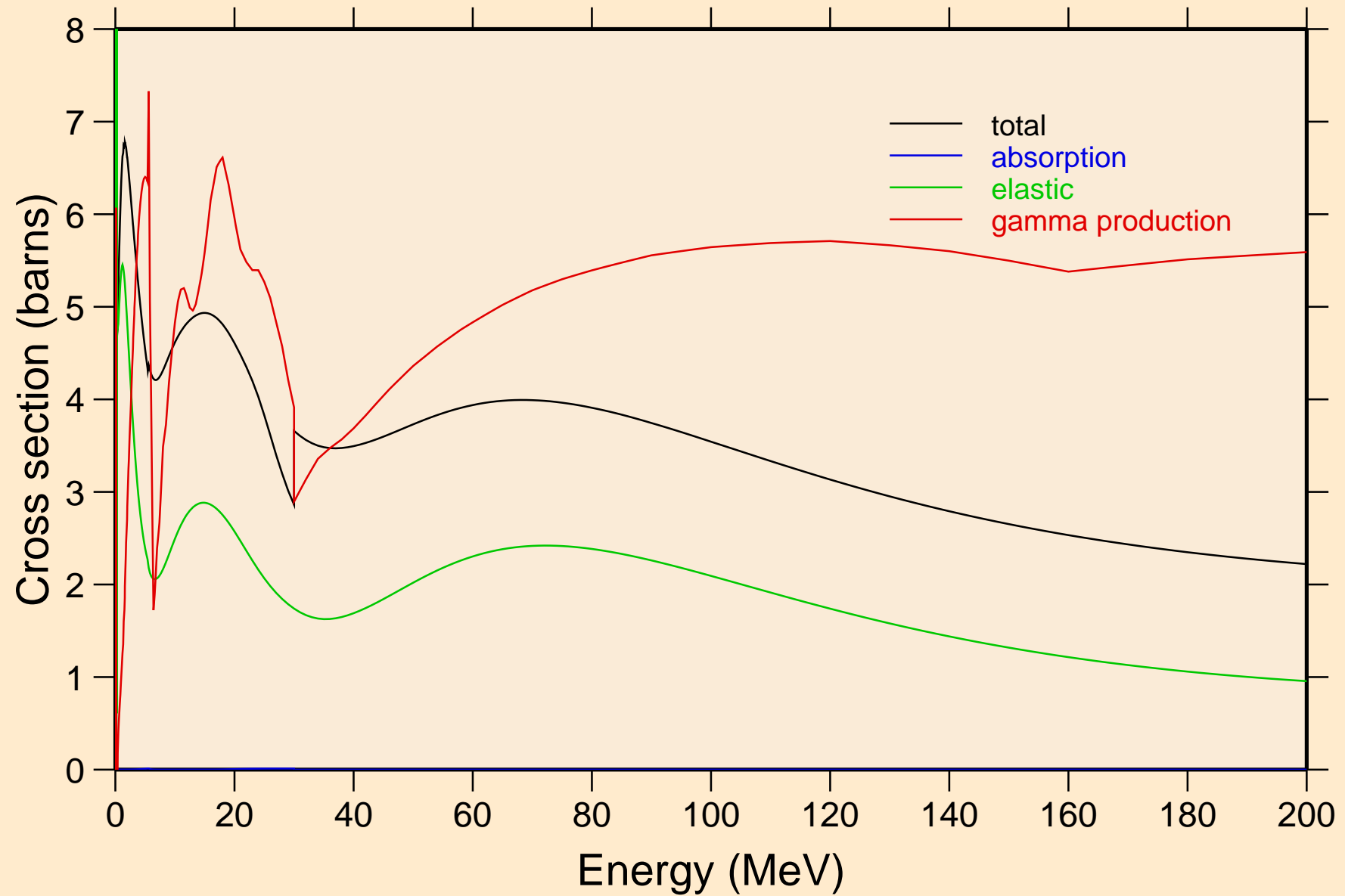


XE140 NRG TENDL-2015, AKONING  
Non-threshold reactions

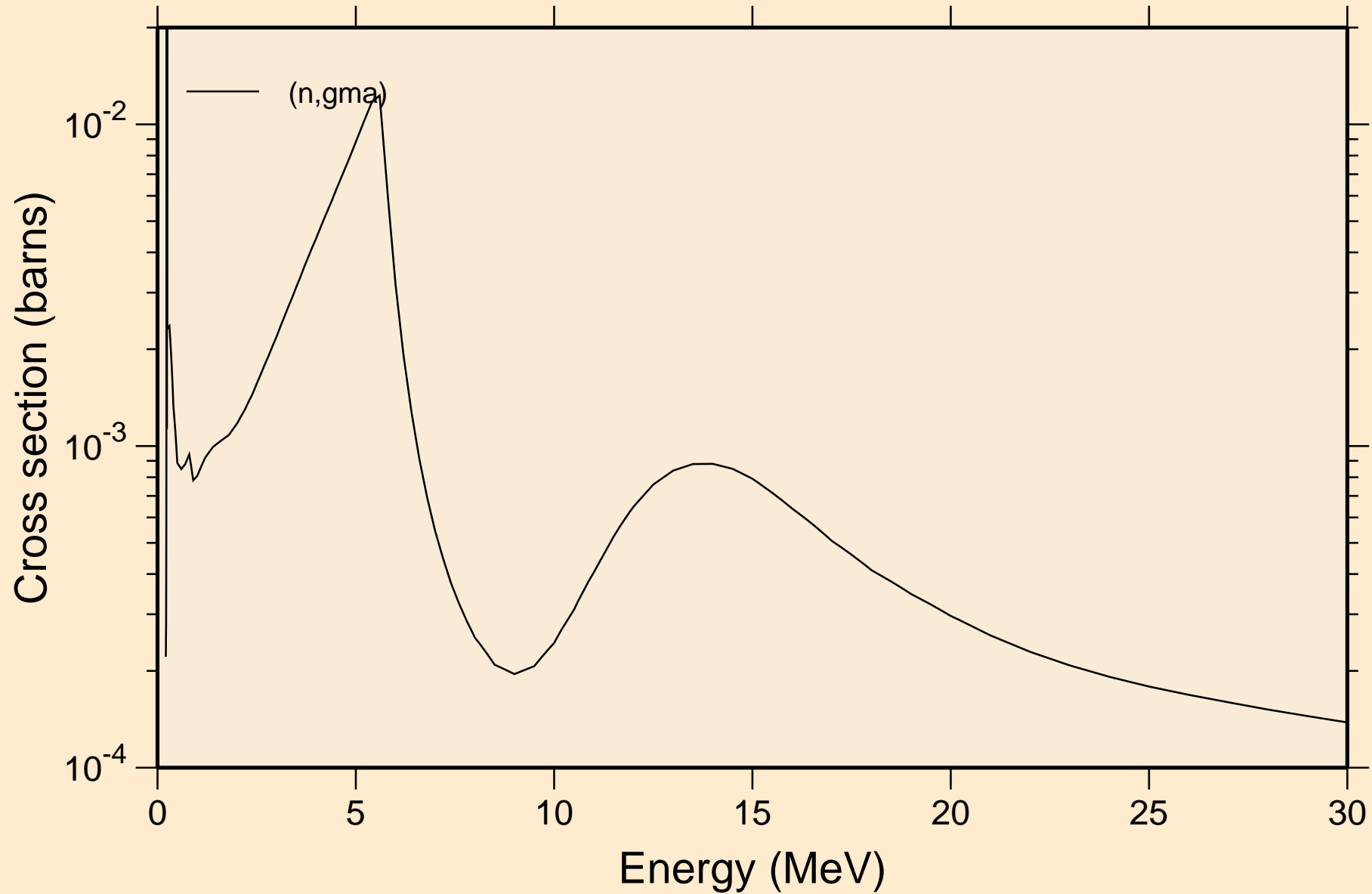


# XE140 NRG TENDL-2015, AKONING

## Principal cross sections

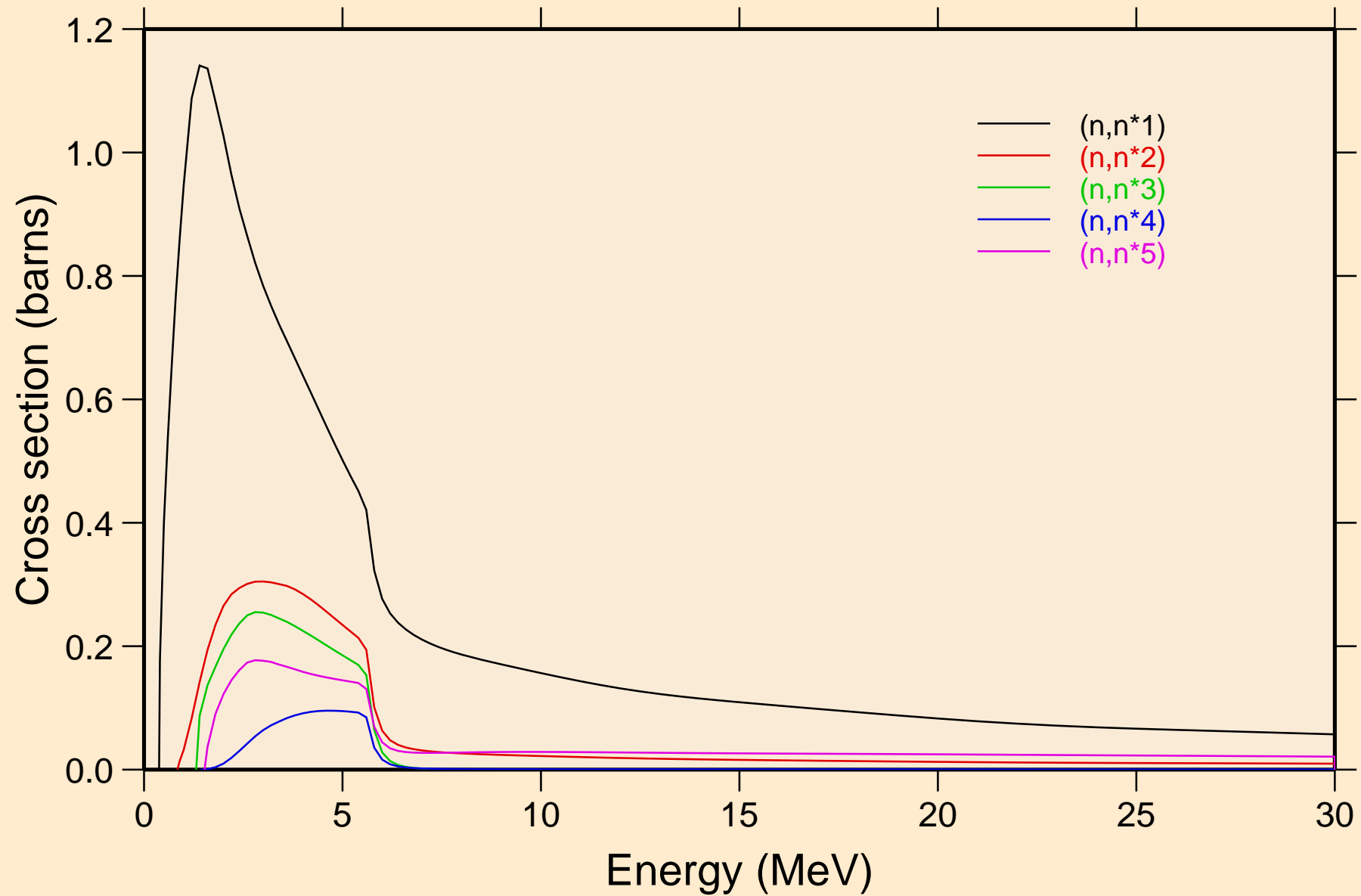


XE140 NRG TENDL-2015, AKONING  
Non-threshold reactions



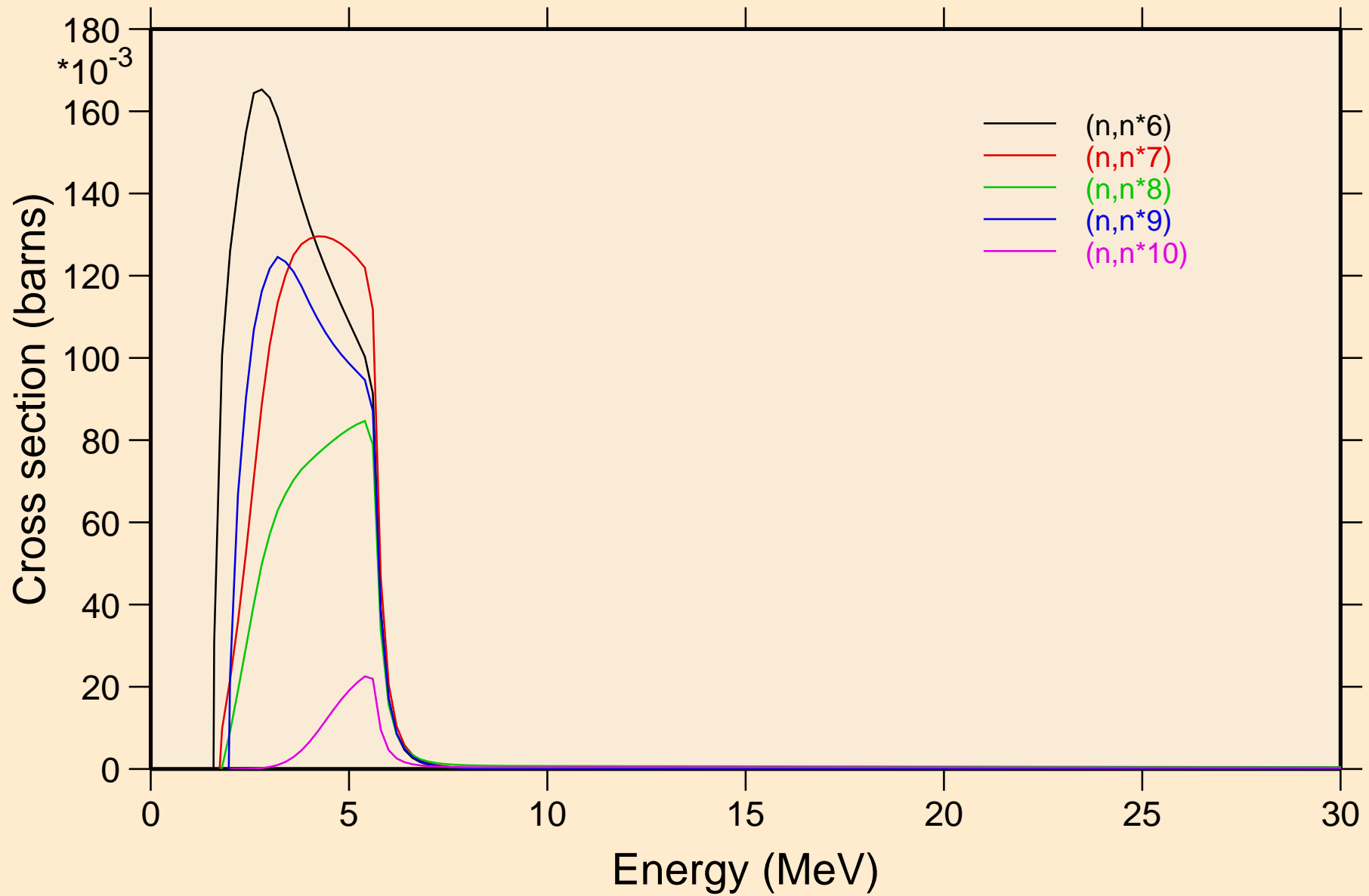
# XE140 NRG TENDL-2015, AKONING

## Inelastic levels



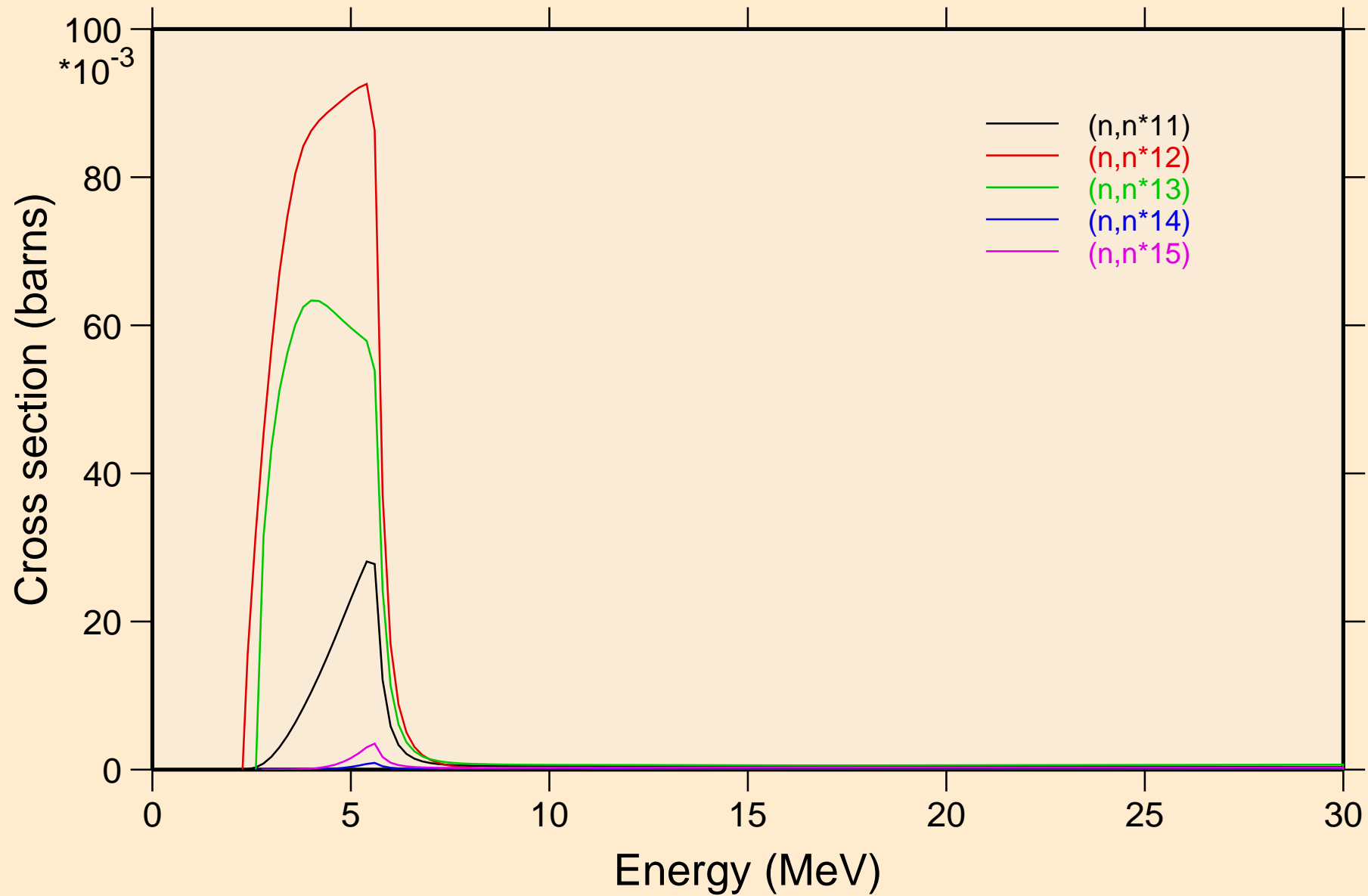
# XE140 NRG TENDL-2015, AKONING

## Inelastic levels



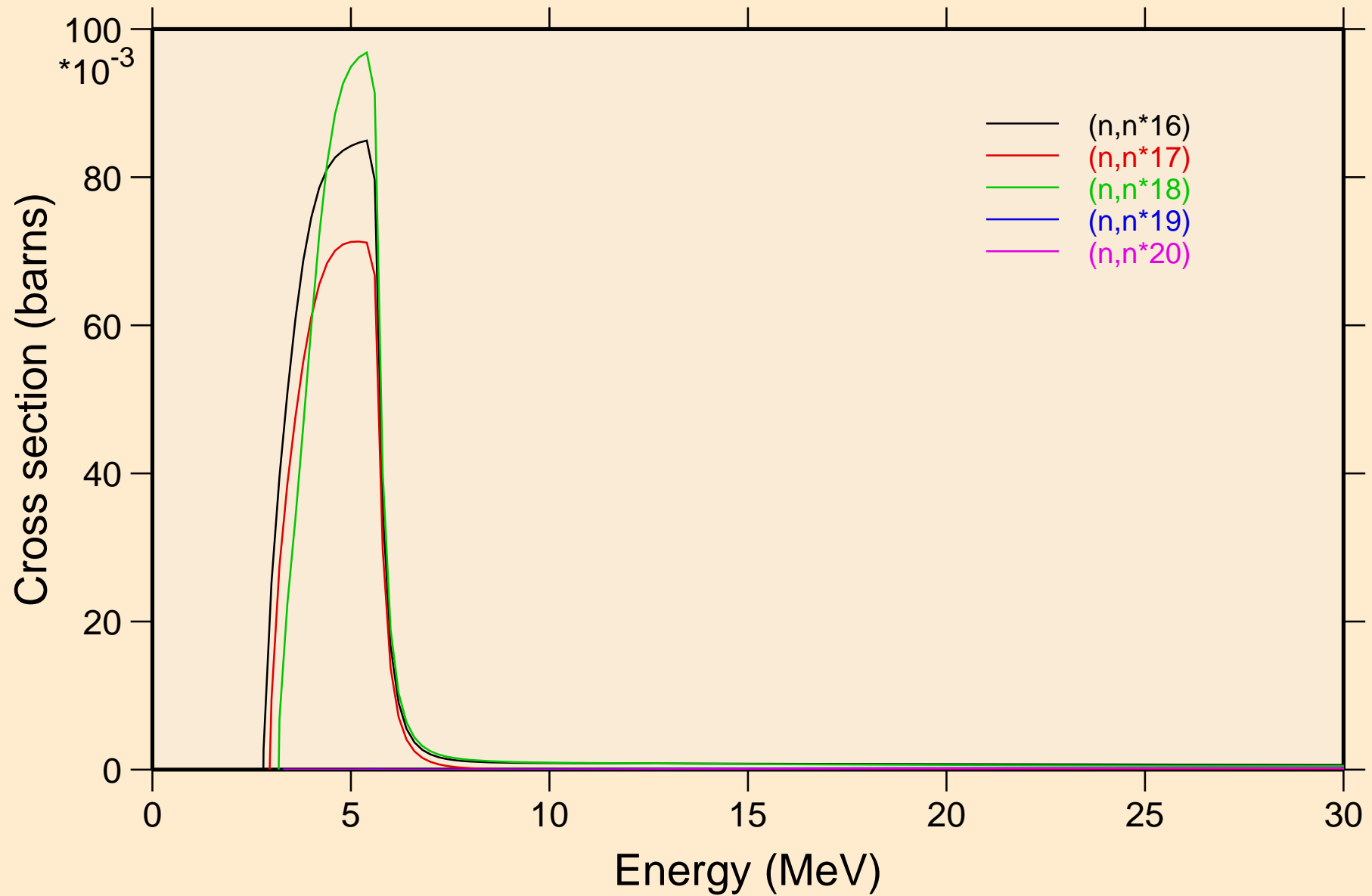
# XE140 NRG TENDL-2015, AKONING

## Inelastic levels



# XE140 NRG TENDL-2015, AKONING

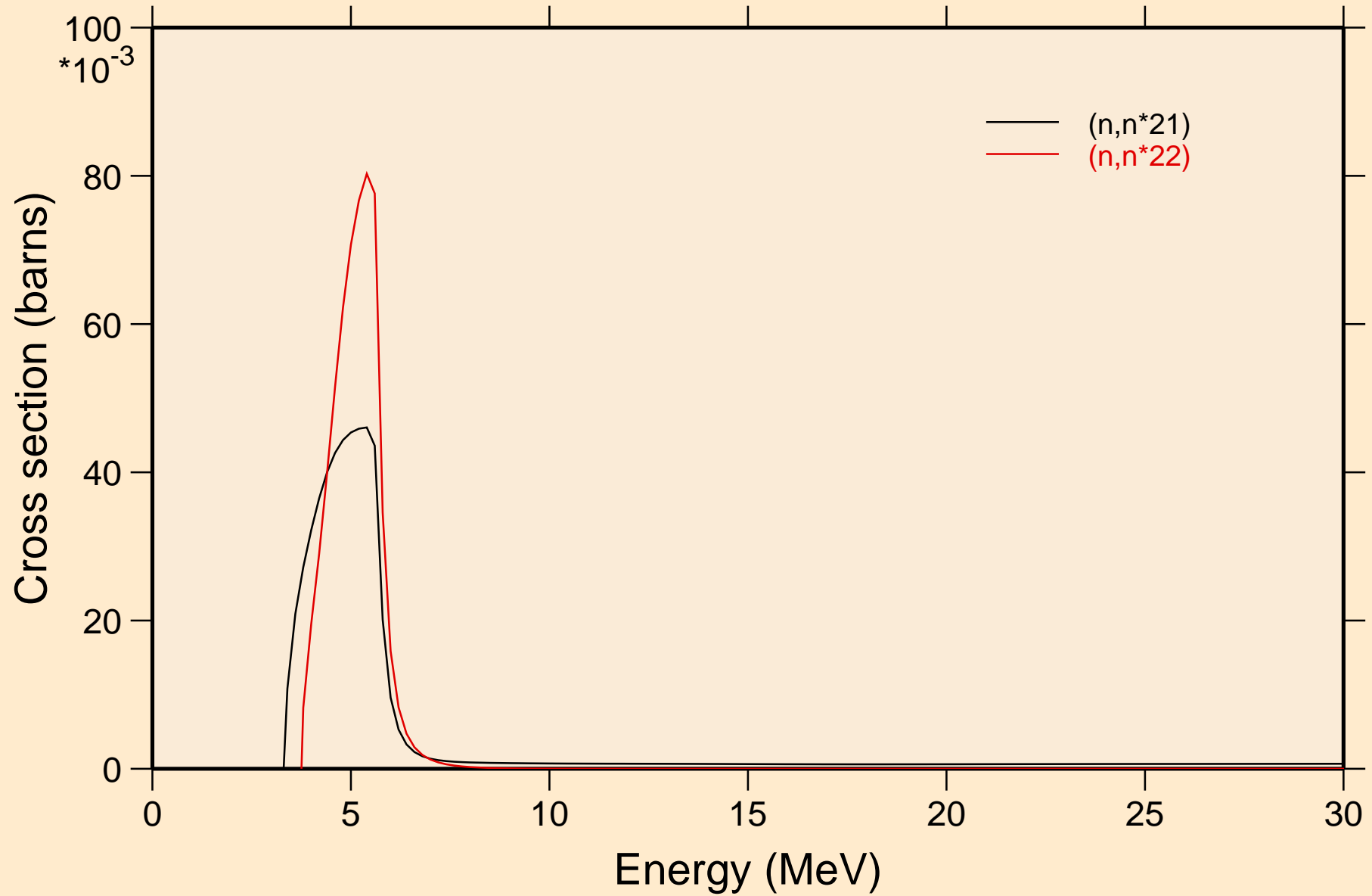
## Inelastic levels





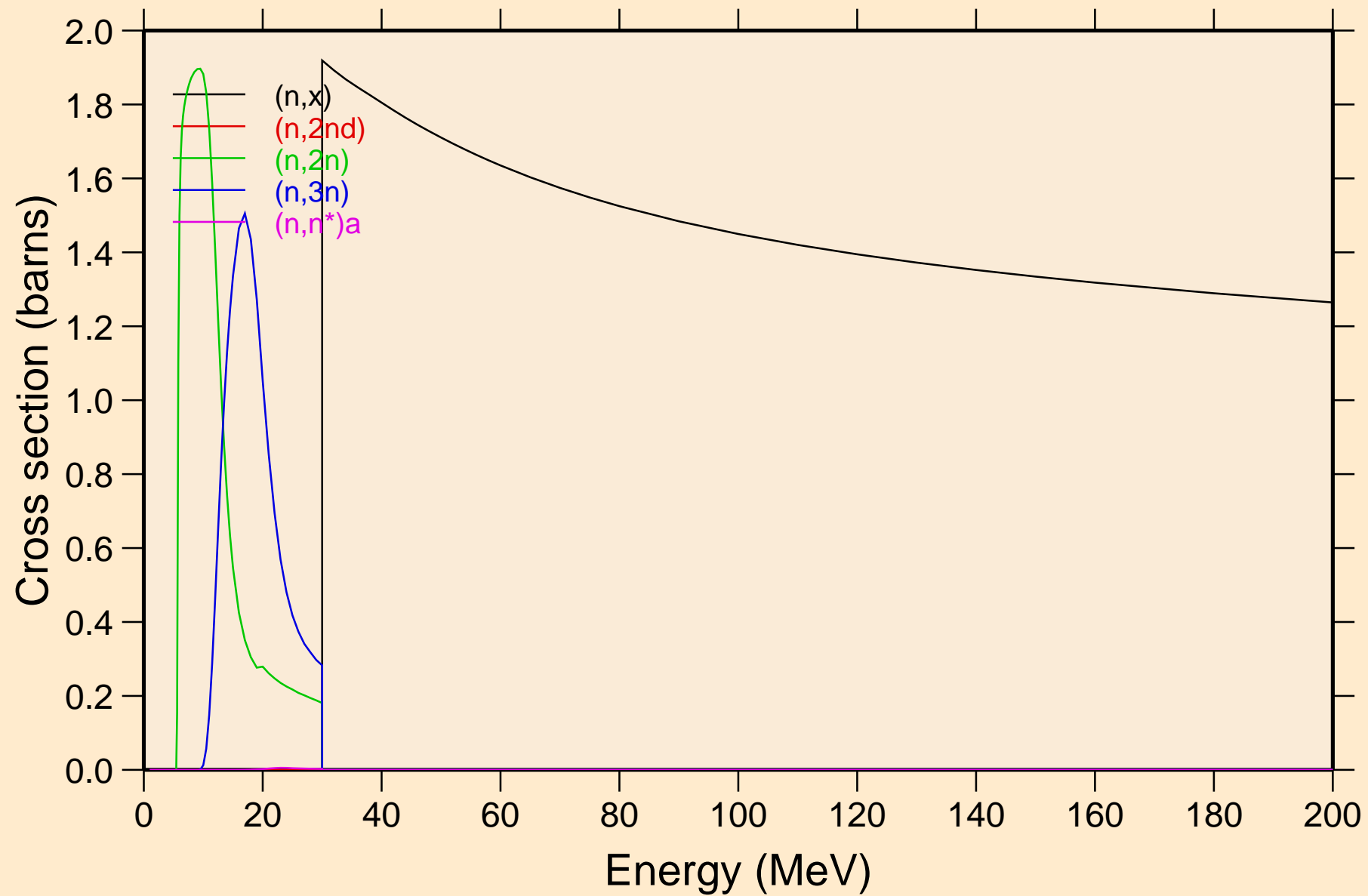
# XE140 NRG TENDL-2015, AKONING

## Inelastic levels



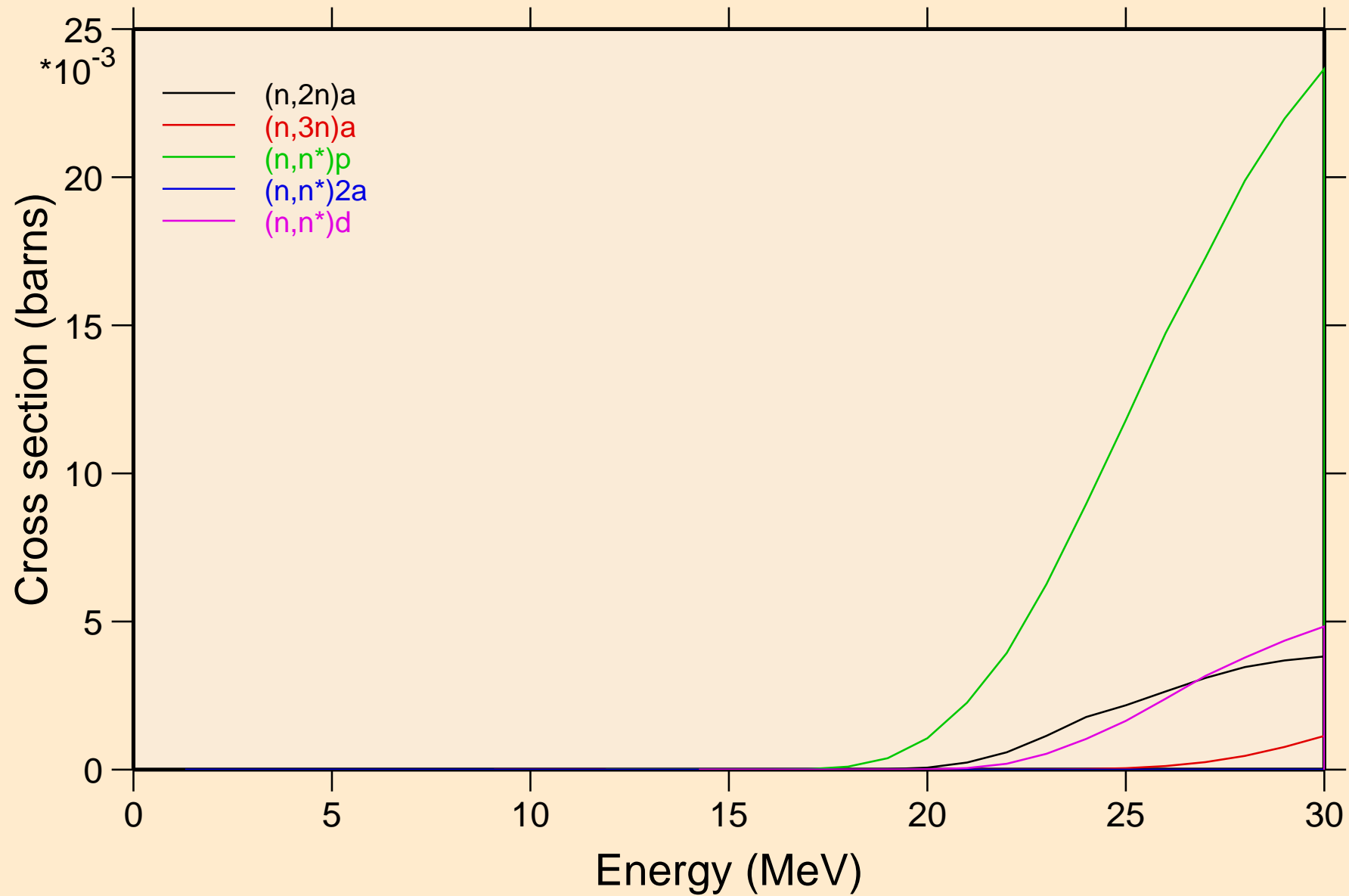
# XE140 NRG TENDL-2015, AKONING

## Threshold reactions



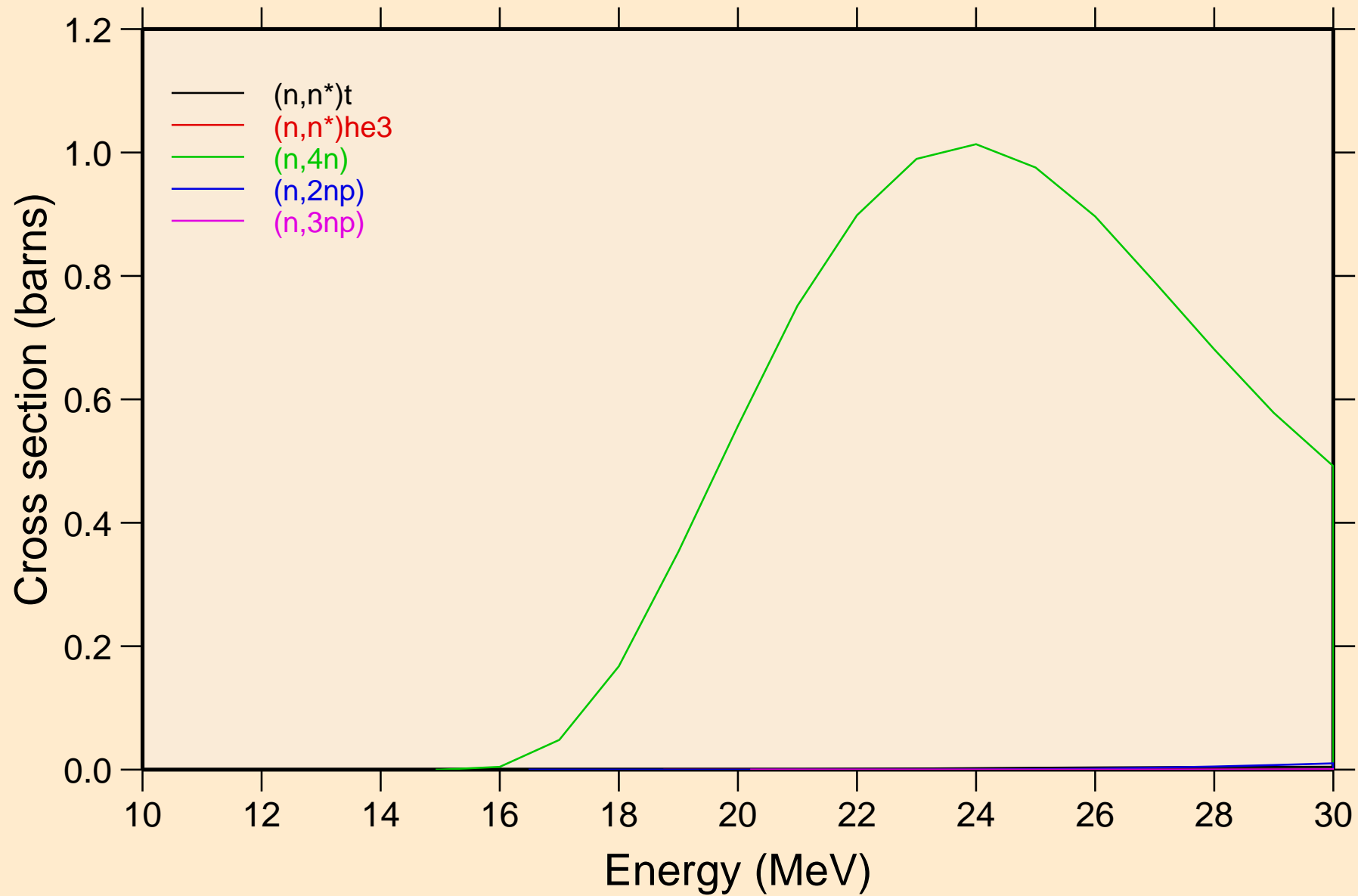
# XE140 NRG TENDL-2015, AKONING

## Threshold reactions



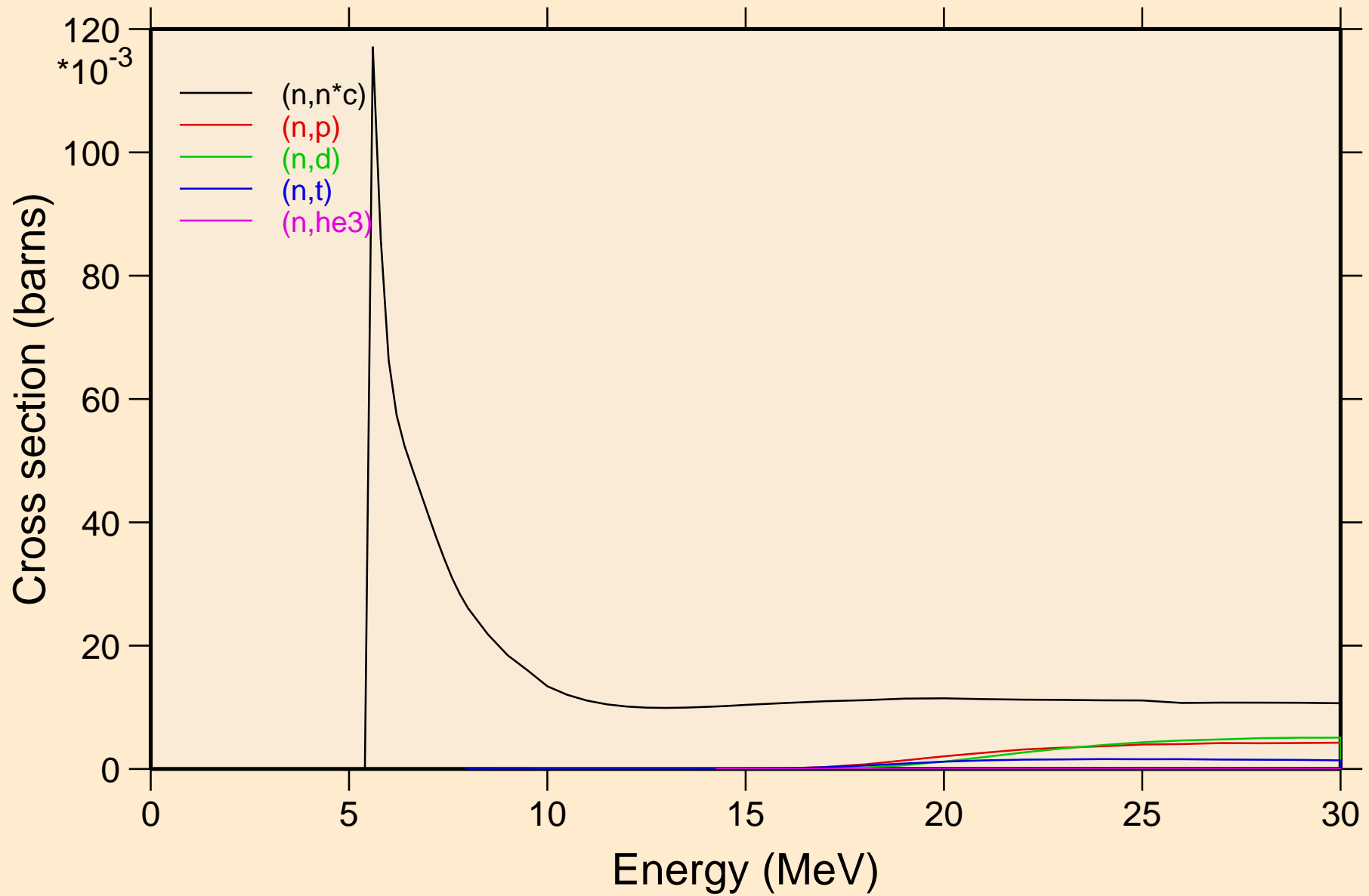
# XE140 NRG TENDL-2015, AKONING

## Threshold reactions



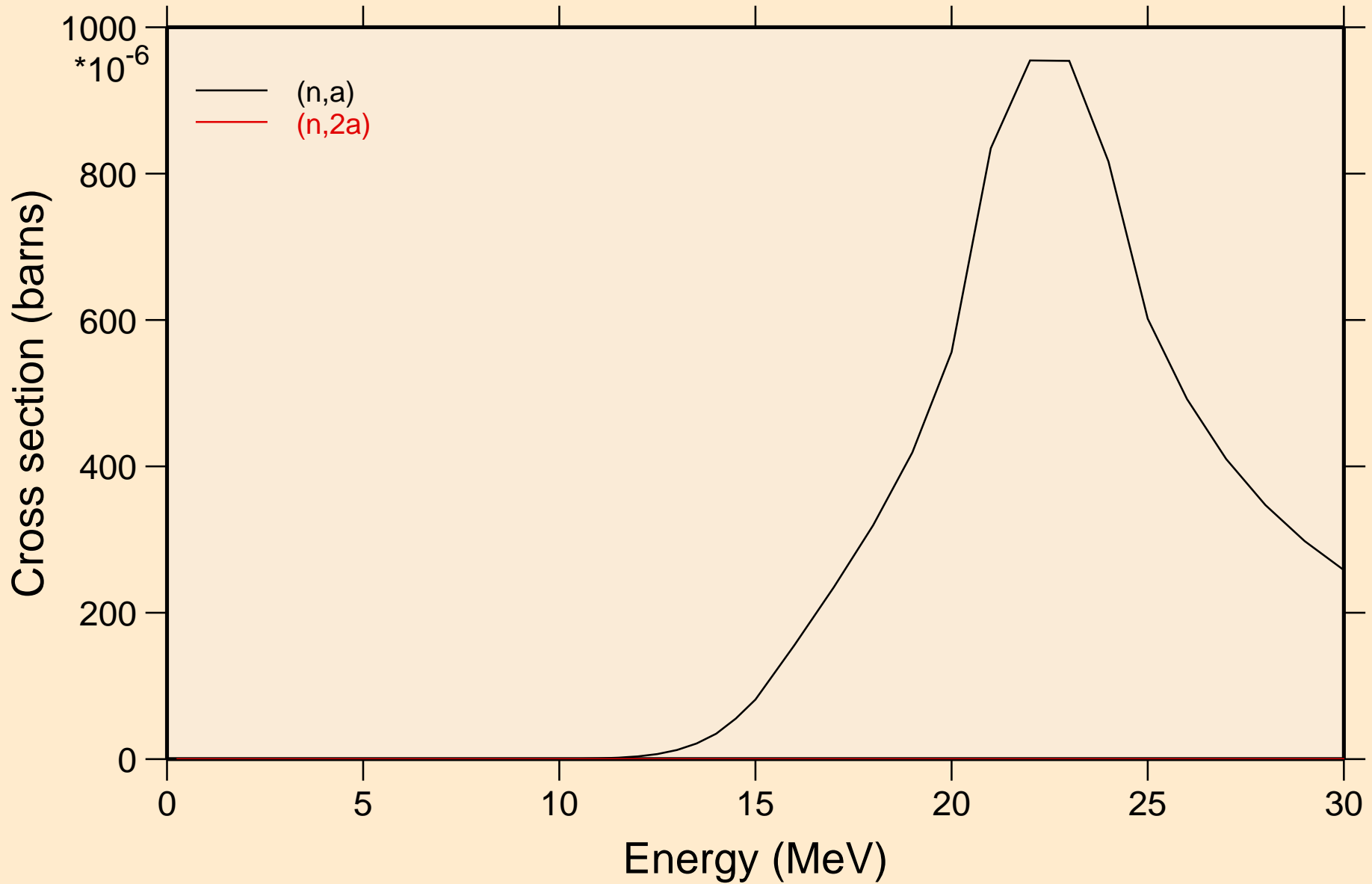
# XE140 NRG TENDL-2015, AKONING

## Threshold reactions

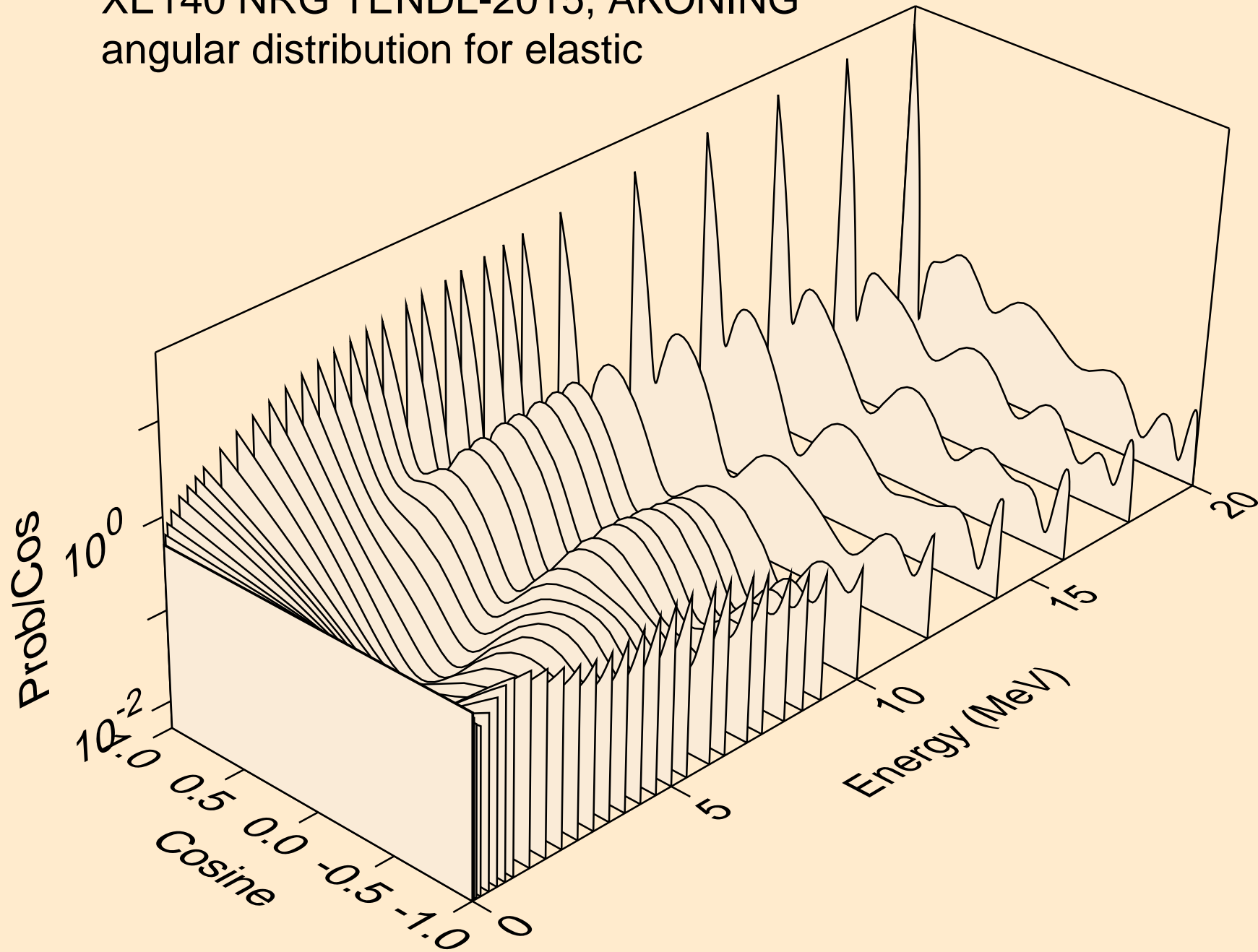


# XE140 NRG TENDL-2015, AKONING

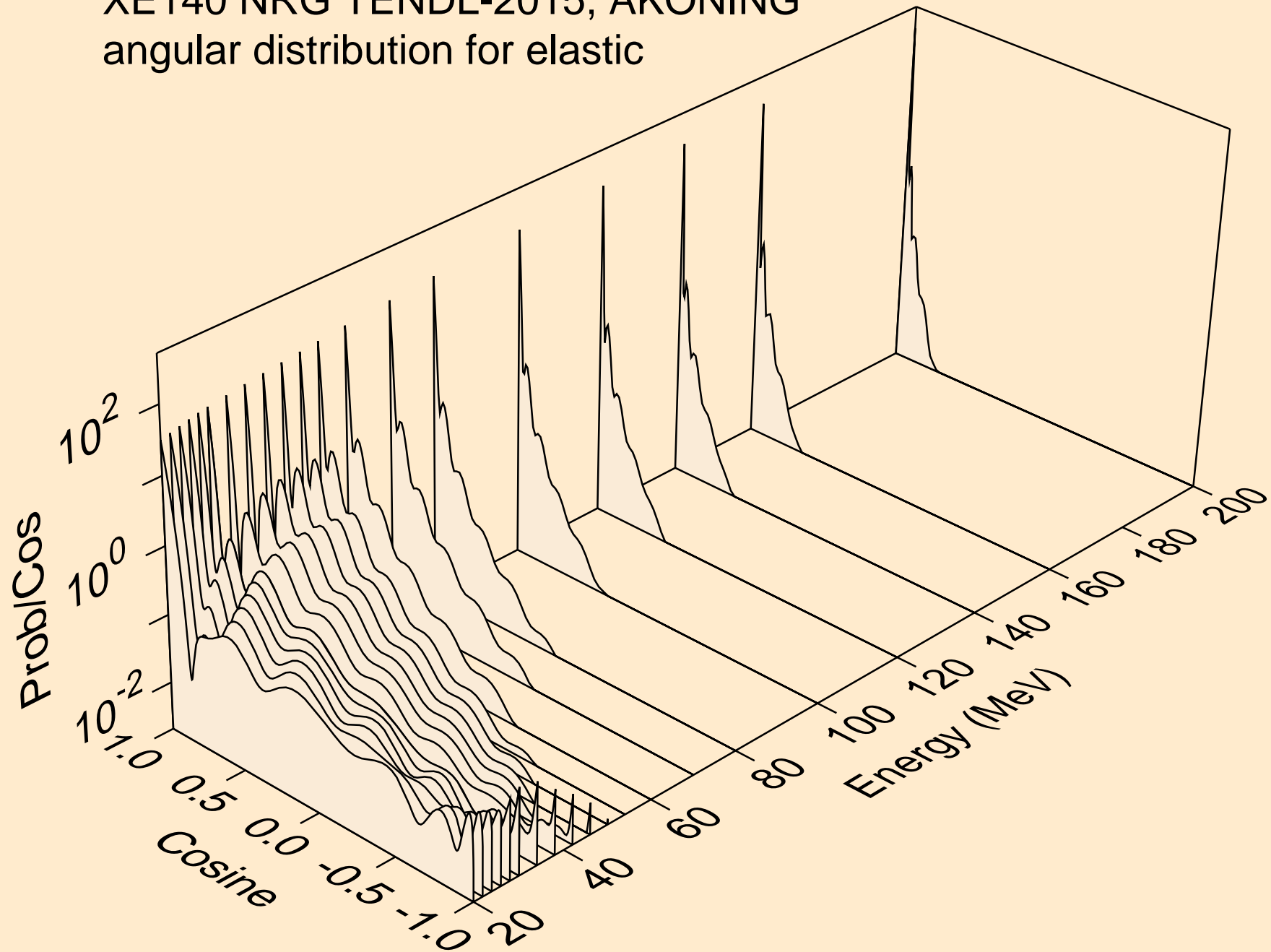
## Threshold reactions



XE140 NRG TENDL-2015, AKONING  
angular distribution for elastic

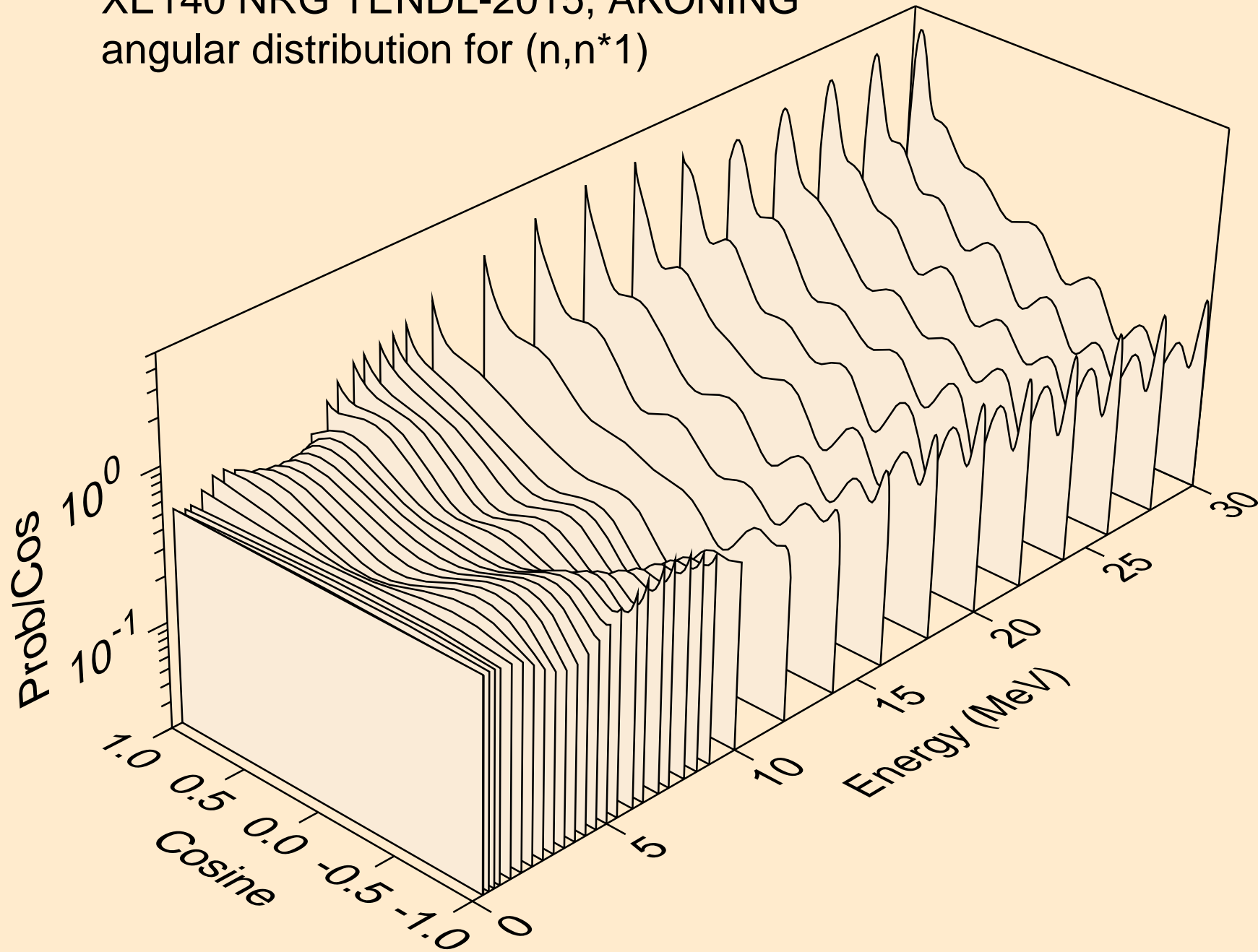


XE140 NRG TENDL-2015, AKONING  
angular distribution for elastic

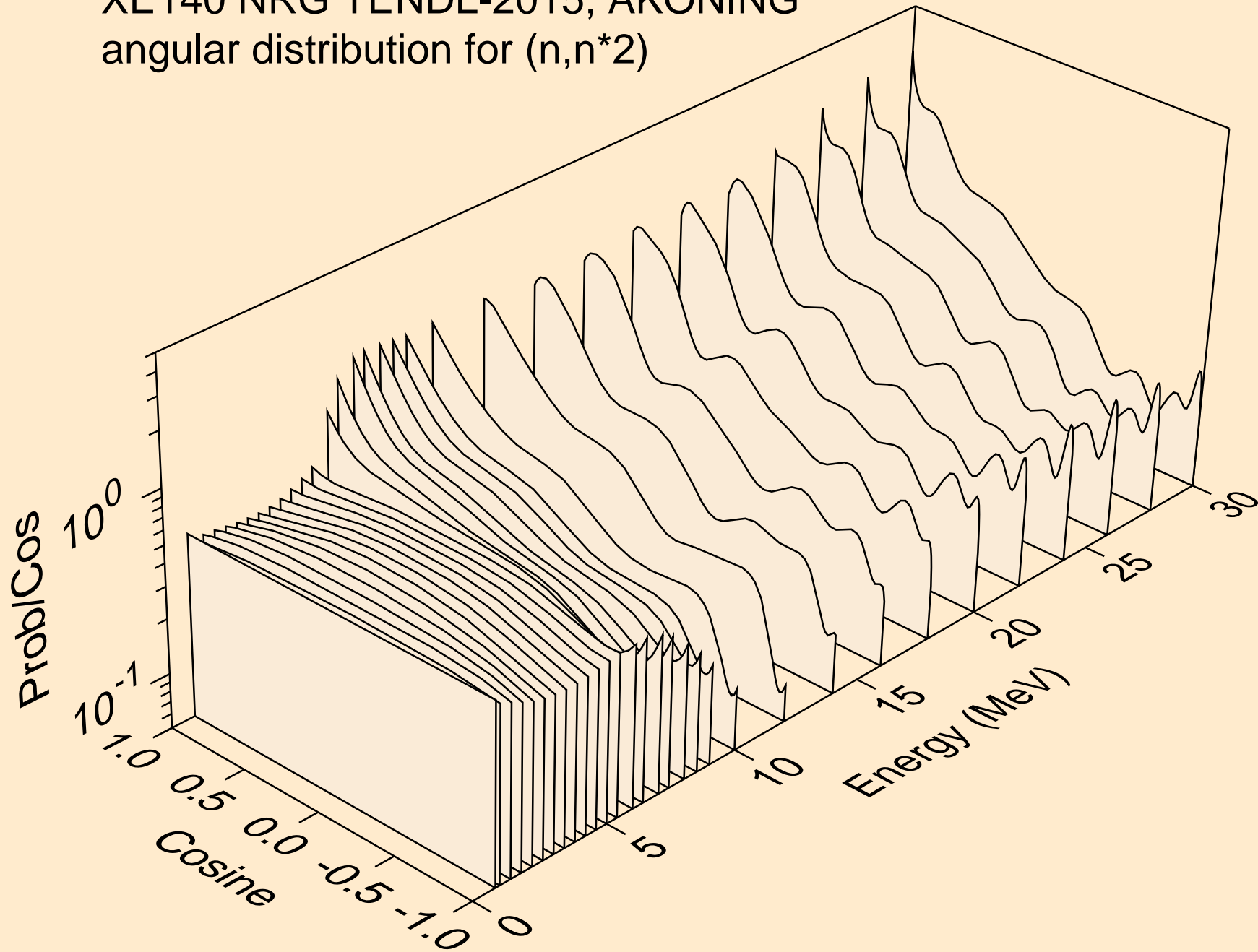




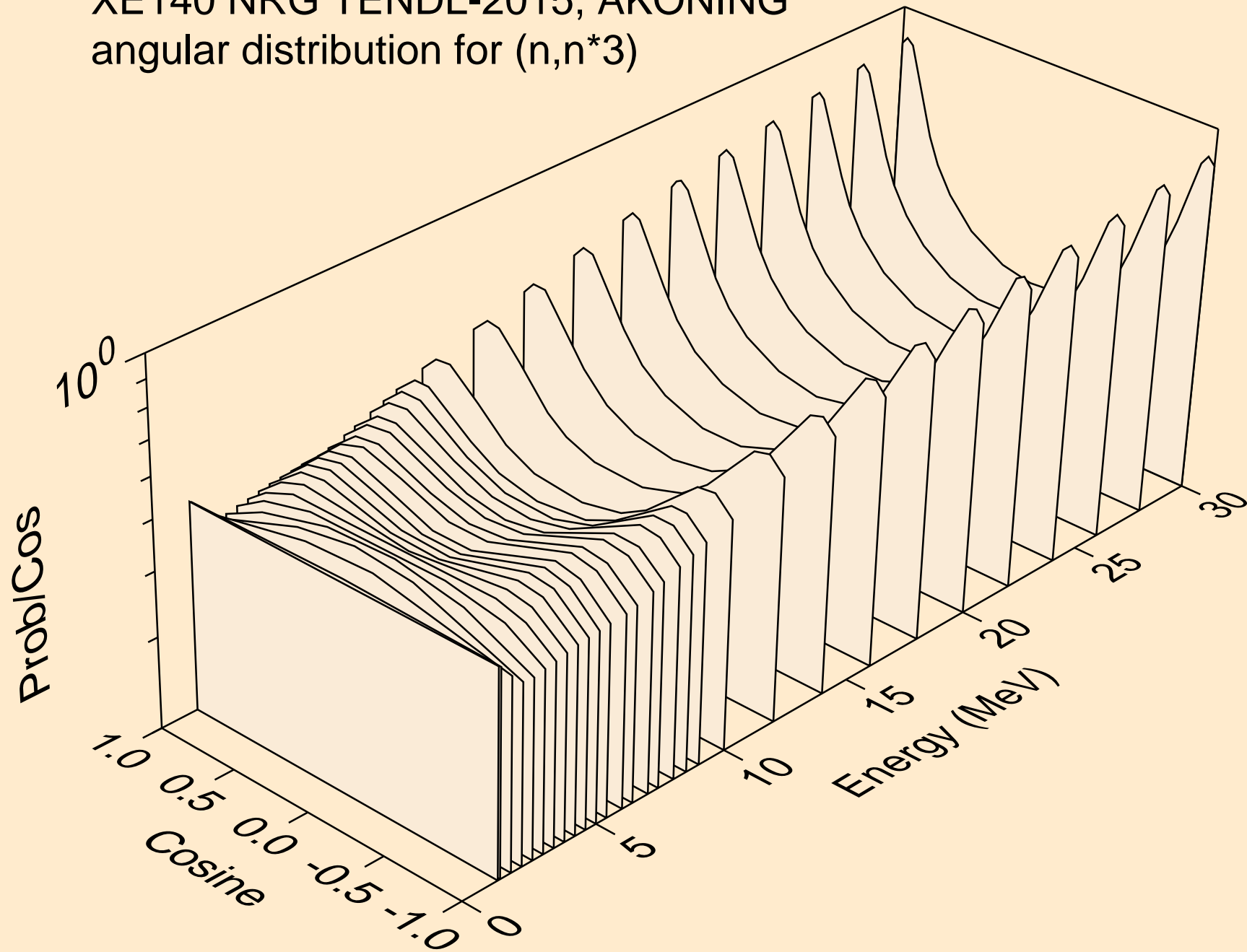
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



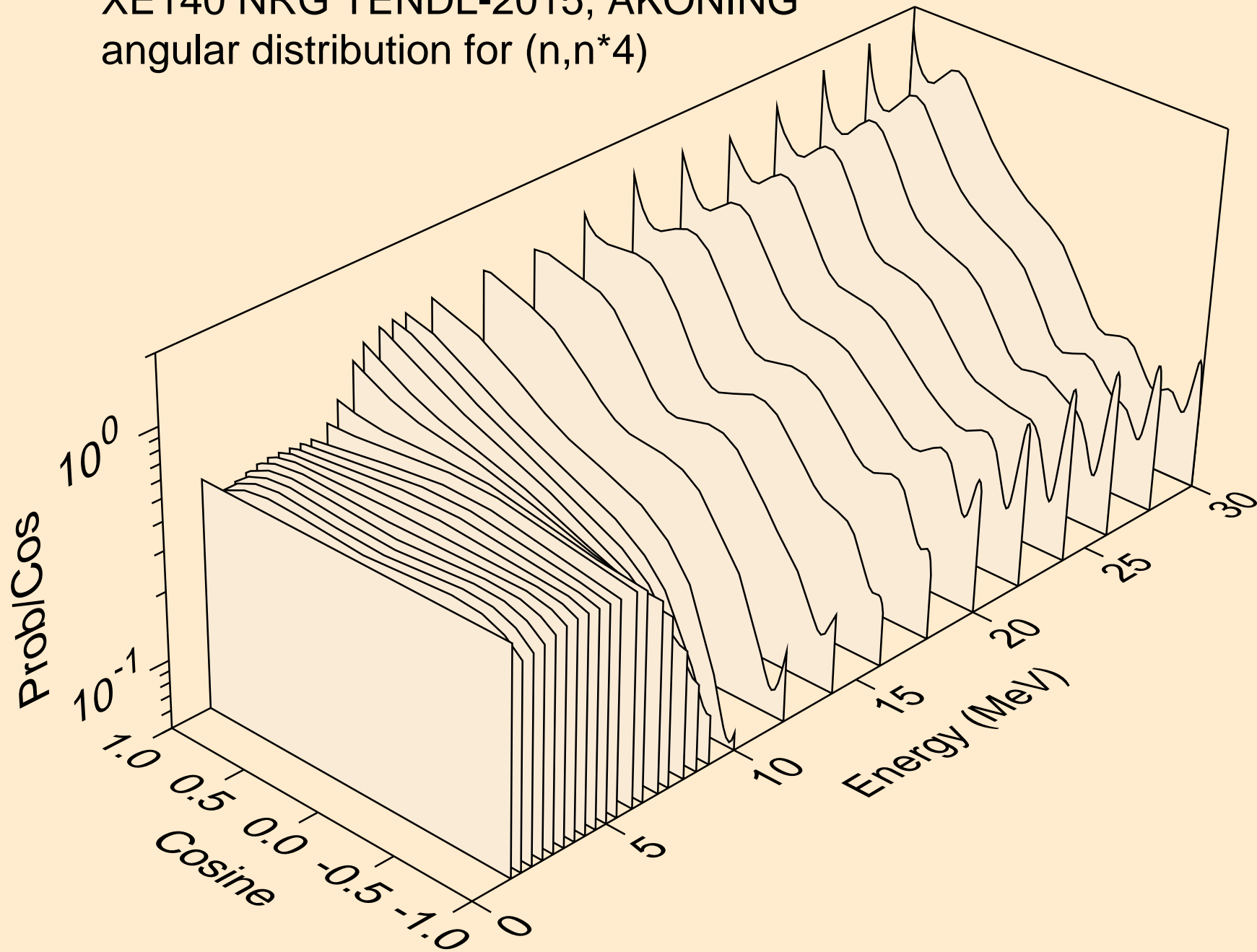
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



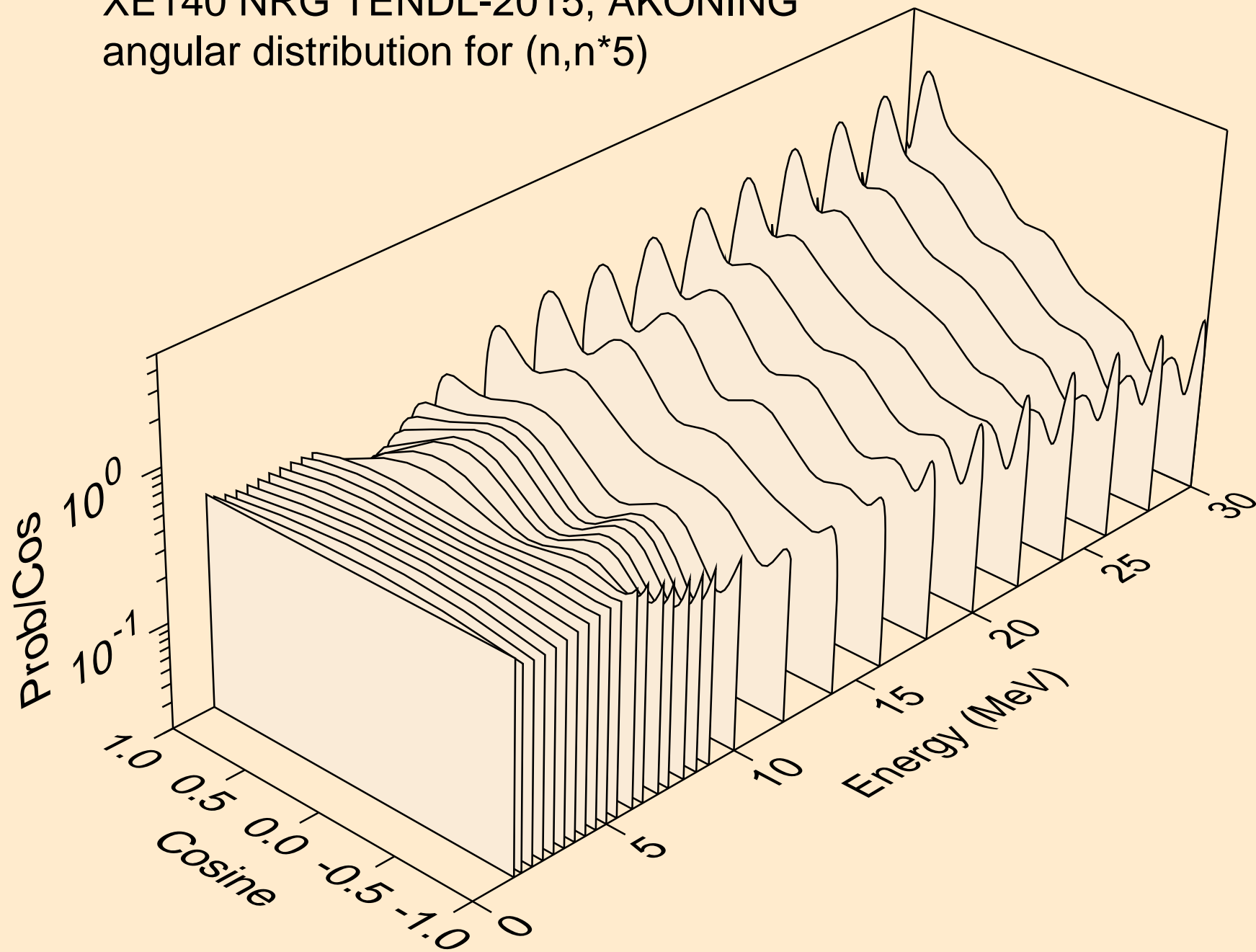
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



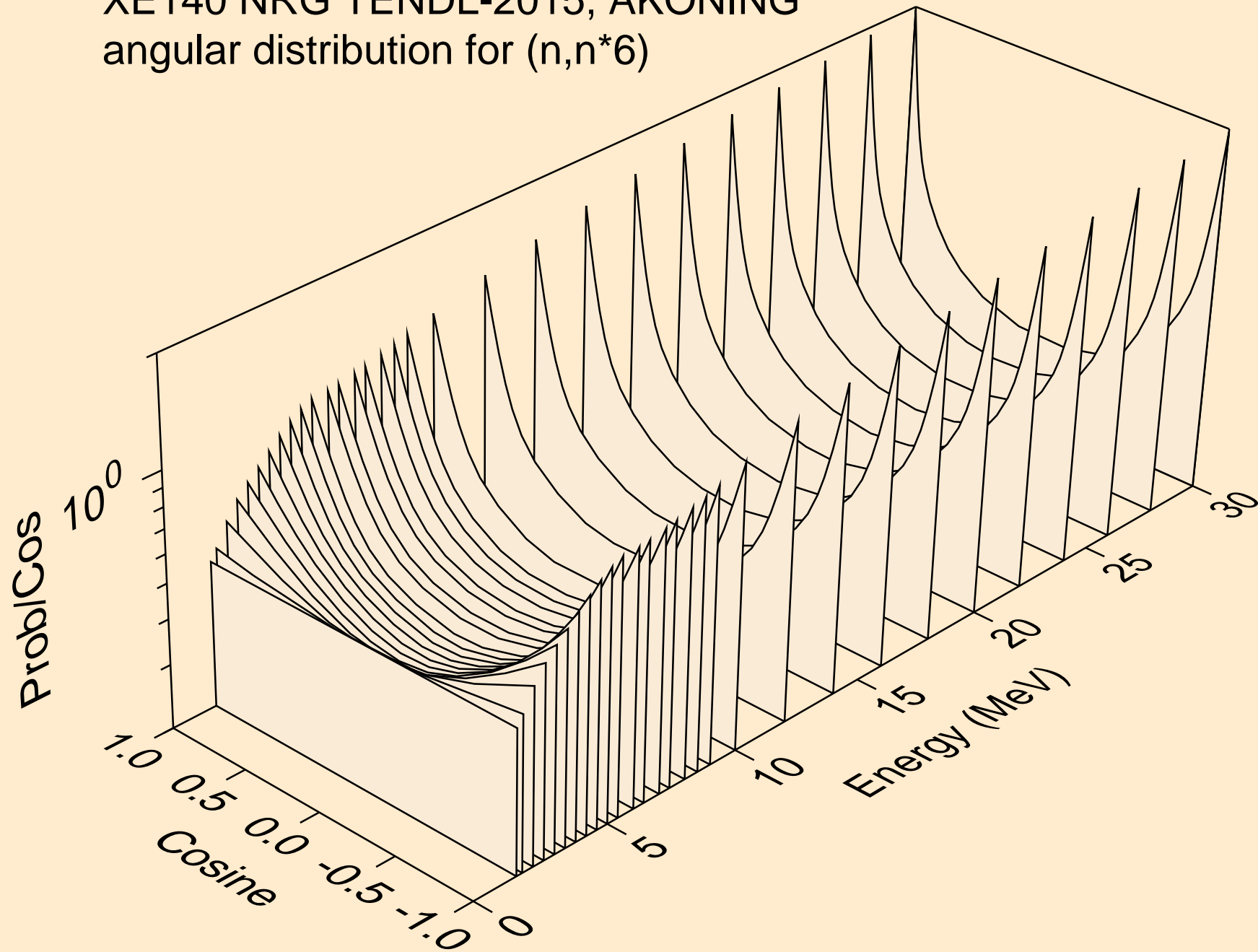
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



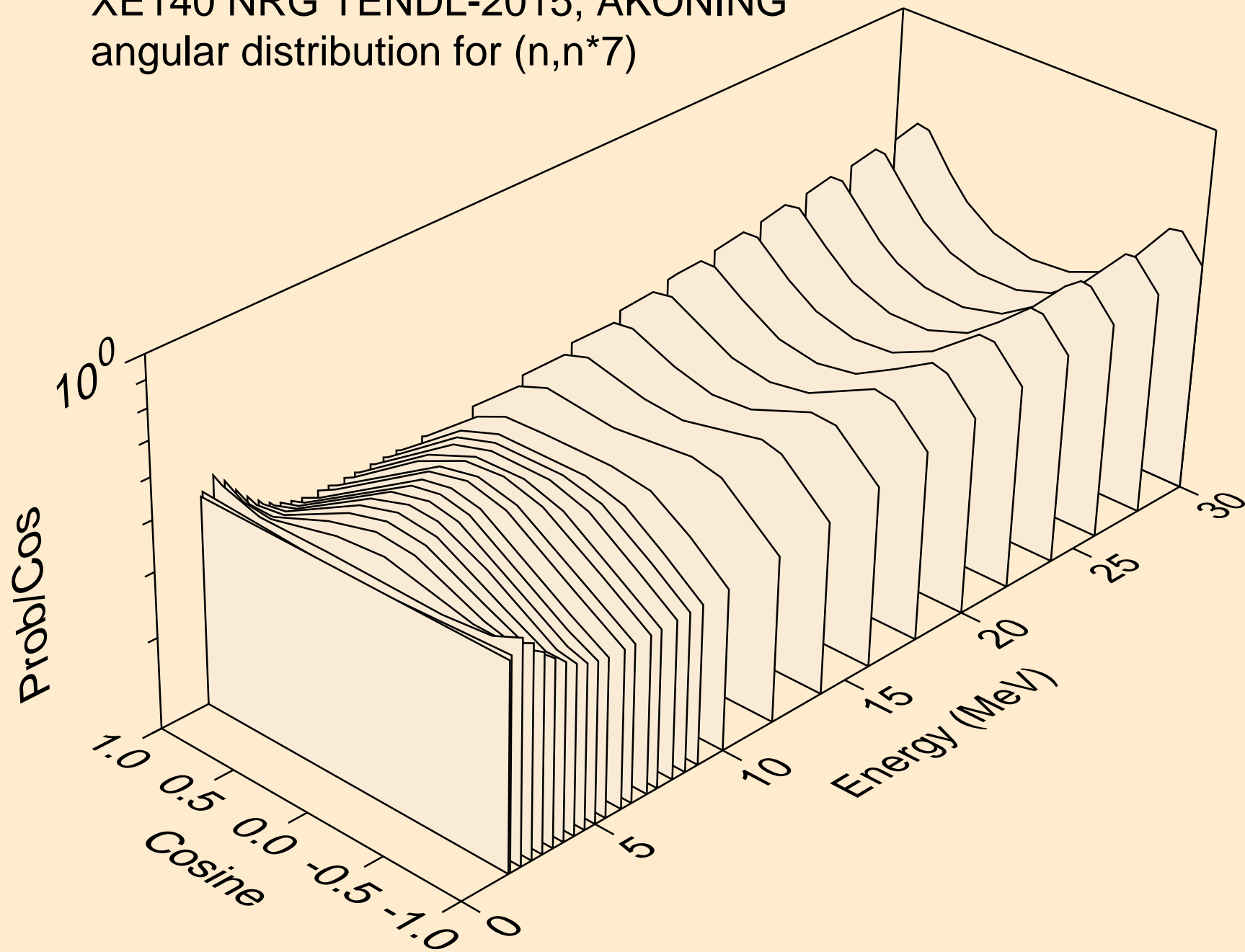
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



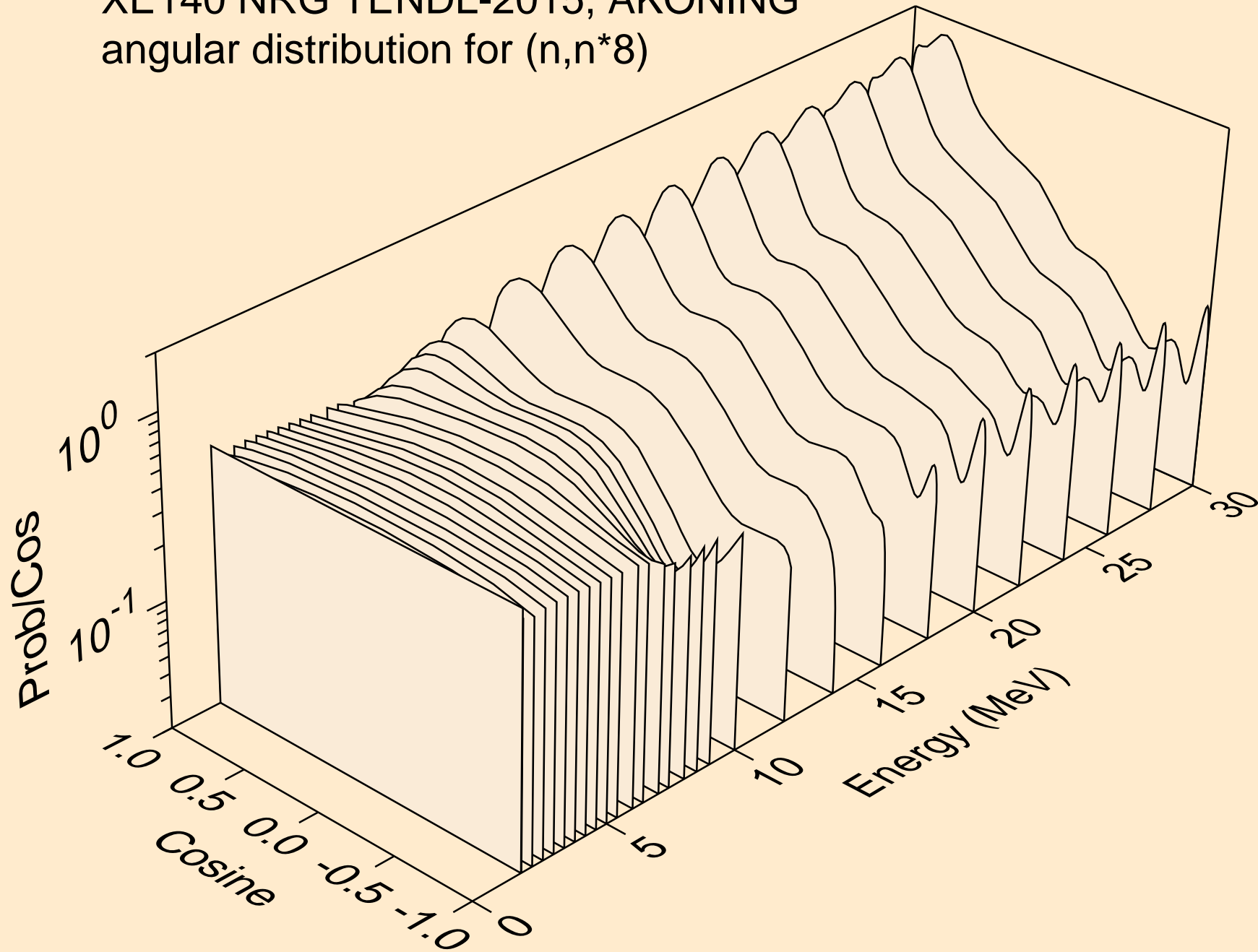
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

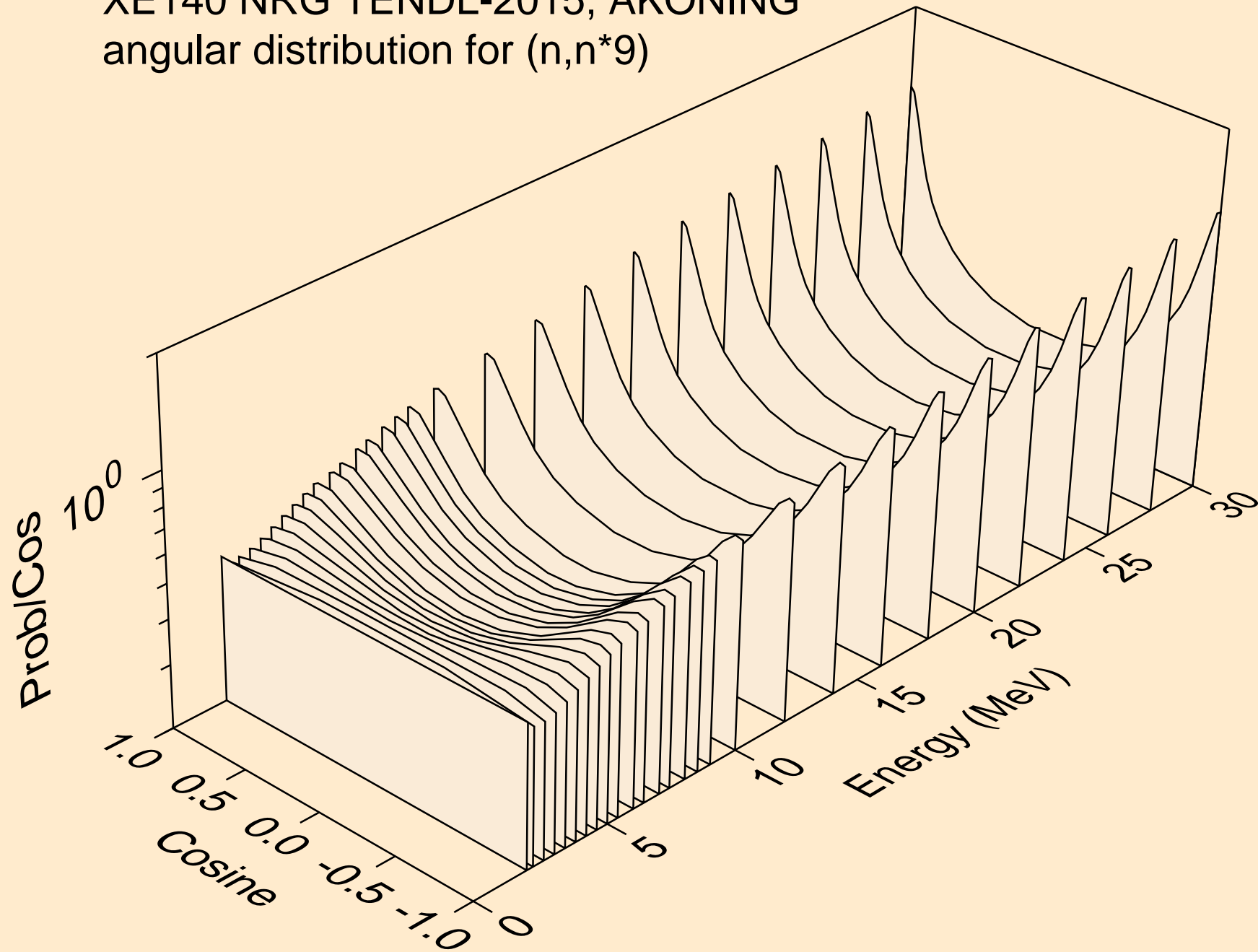


XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

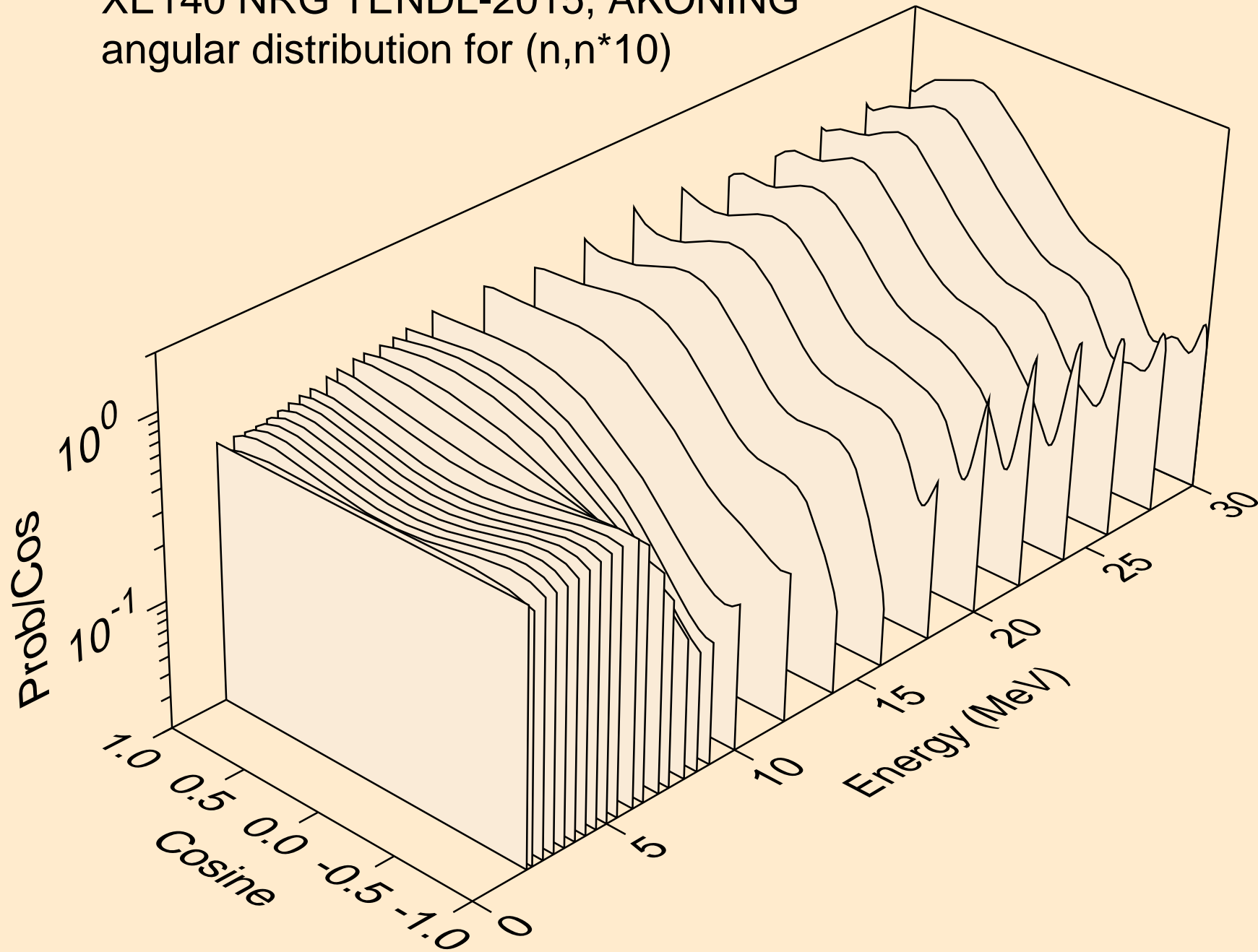




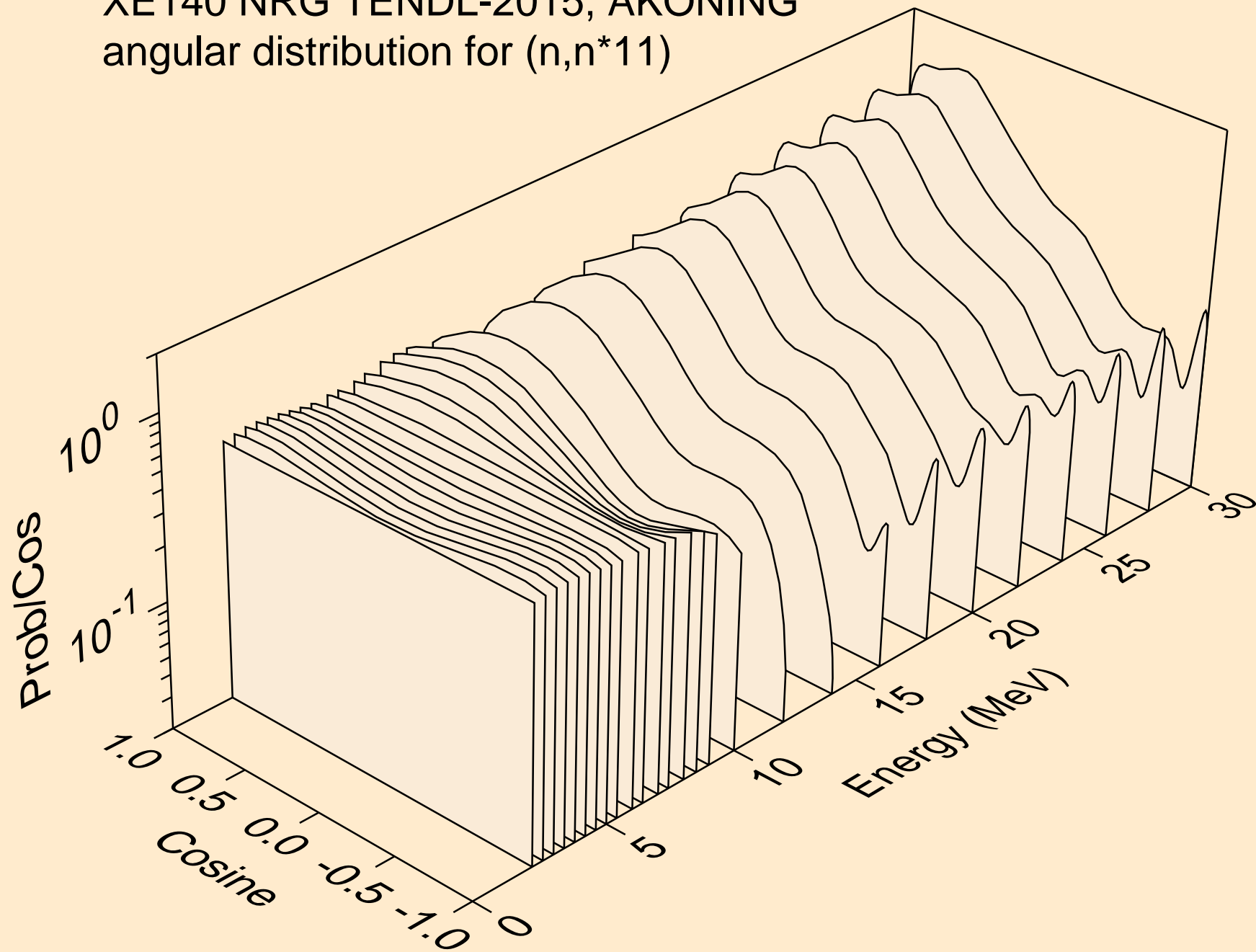
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



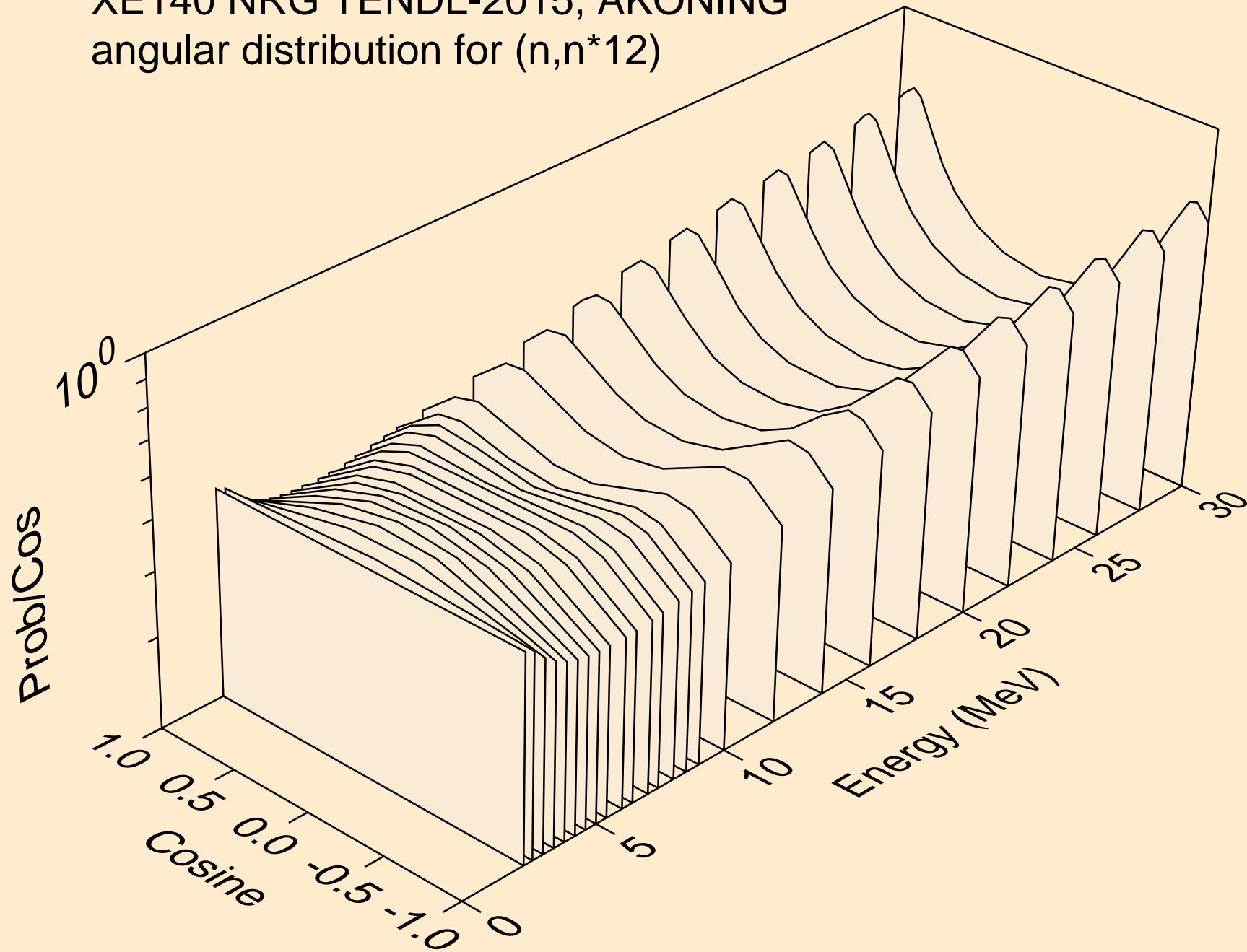
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



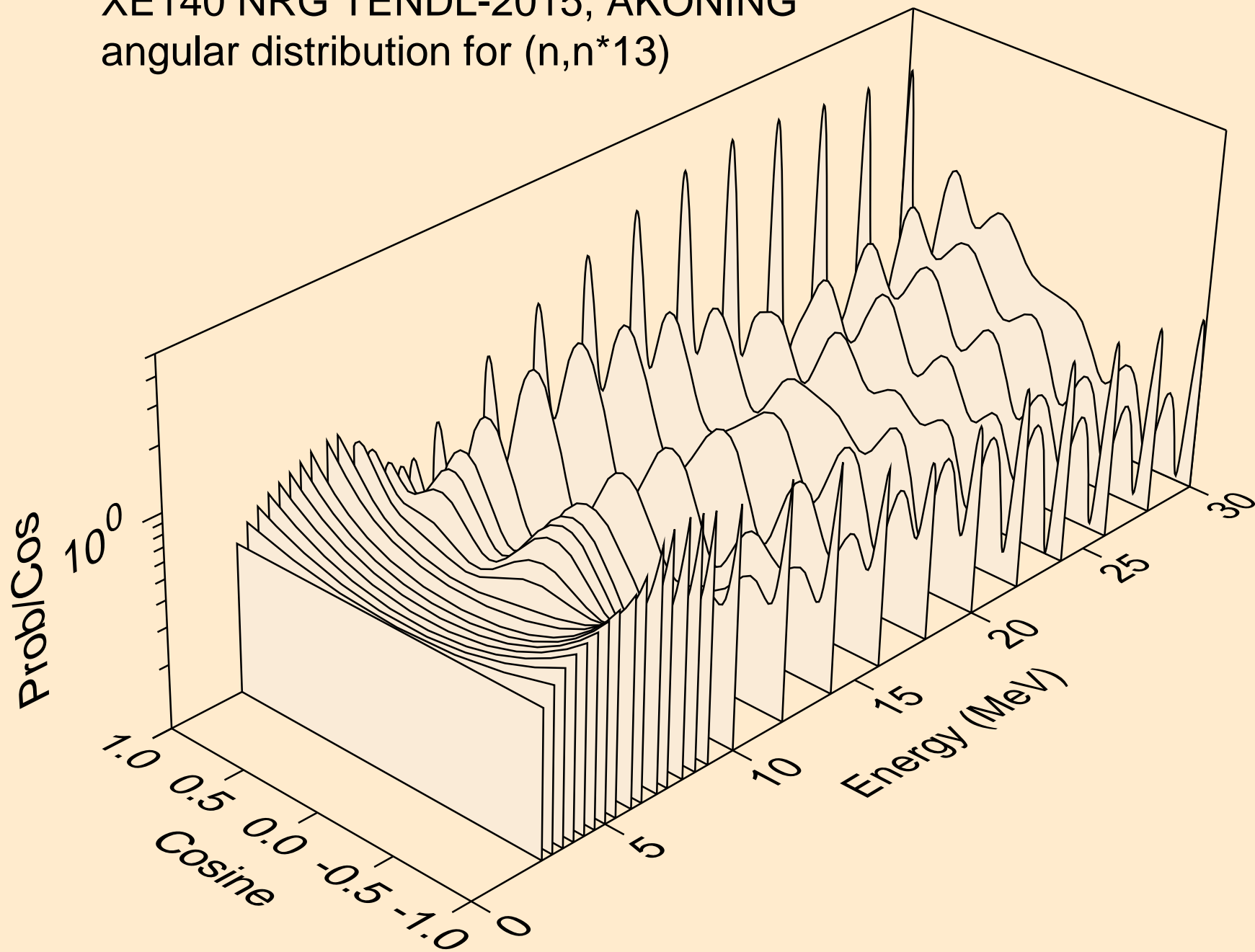
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



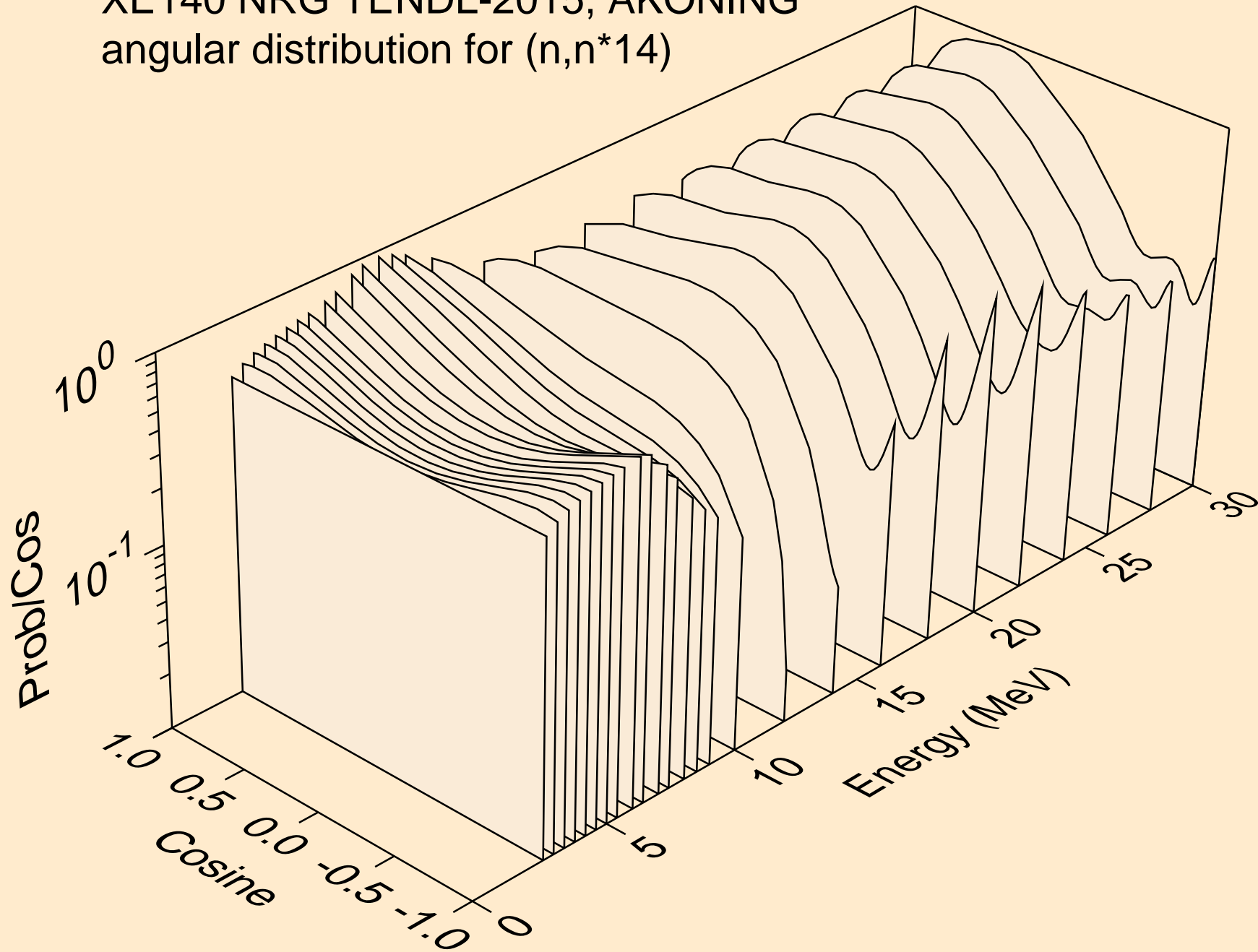
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



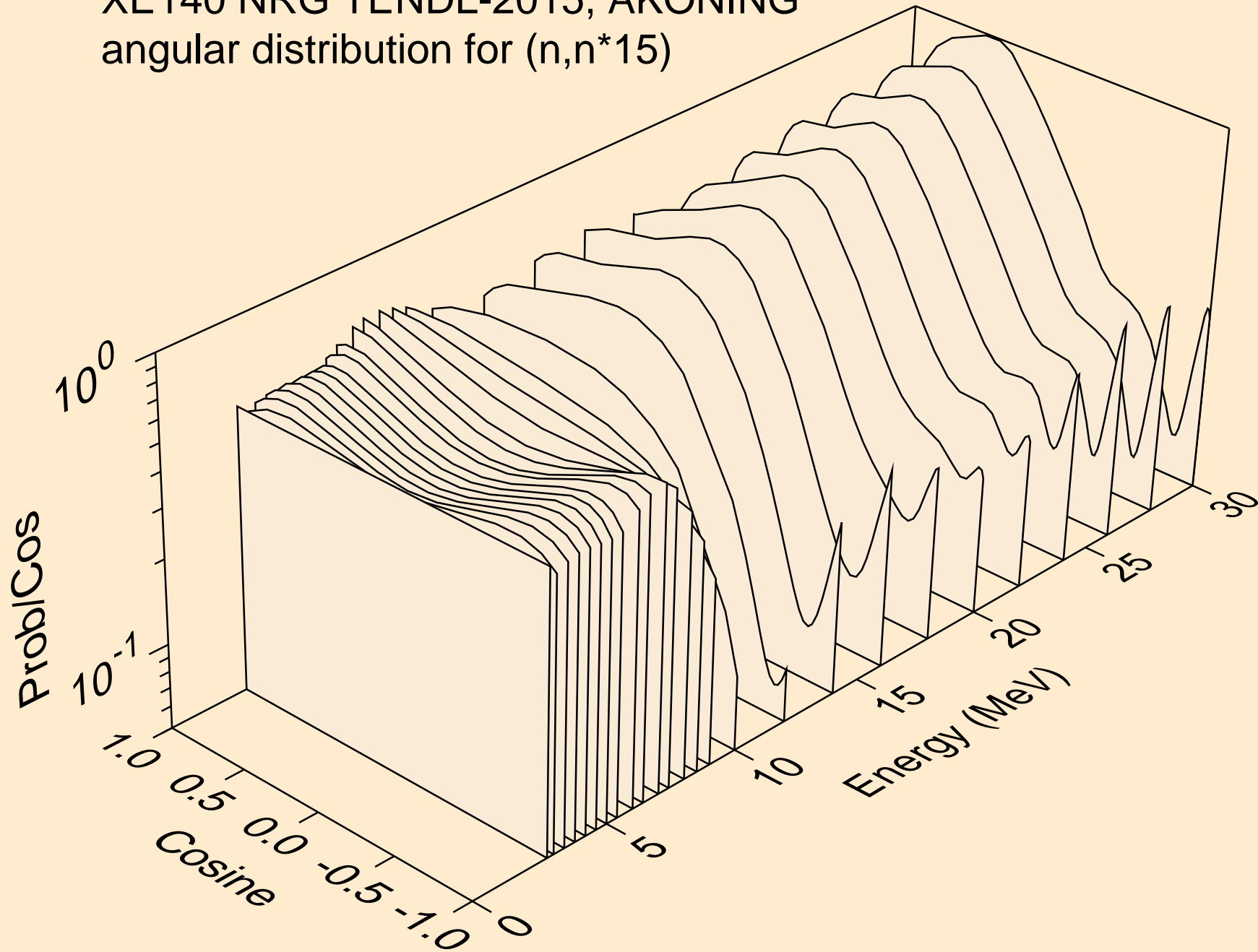
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



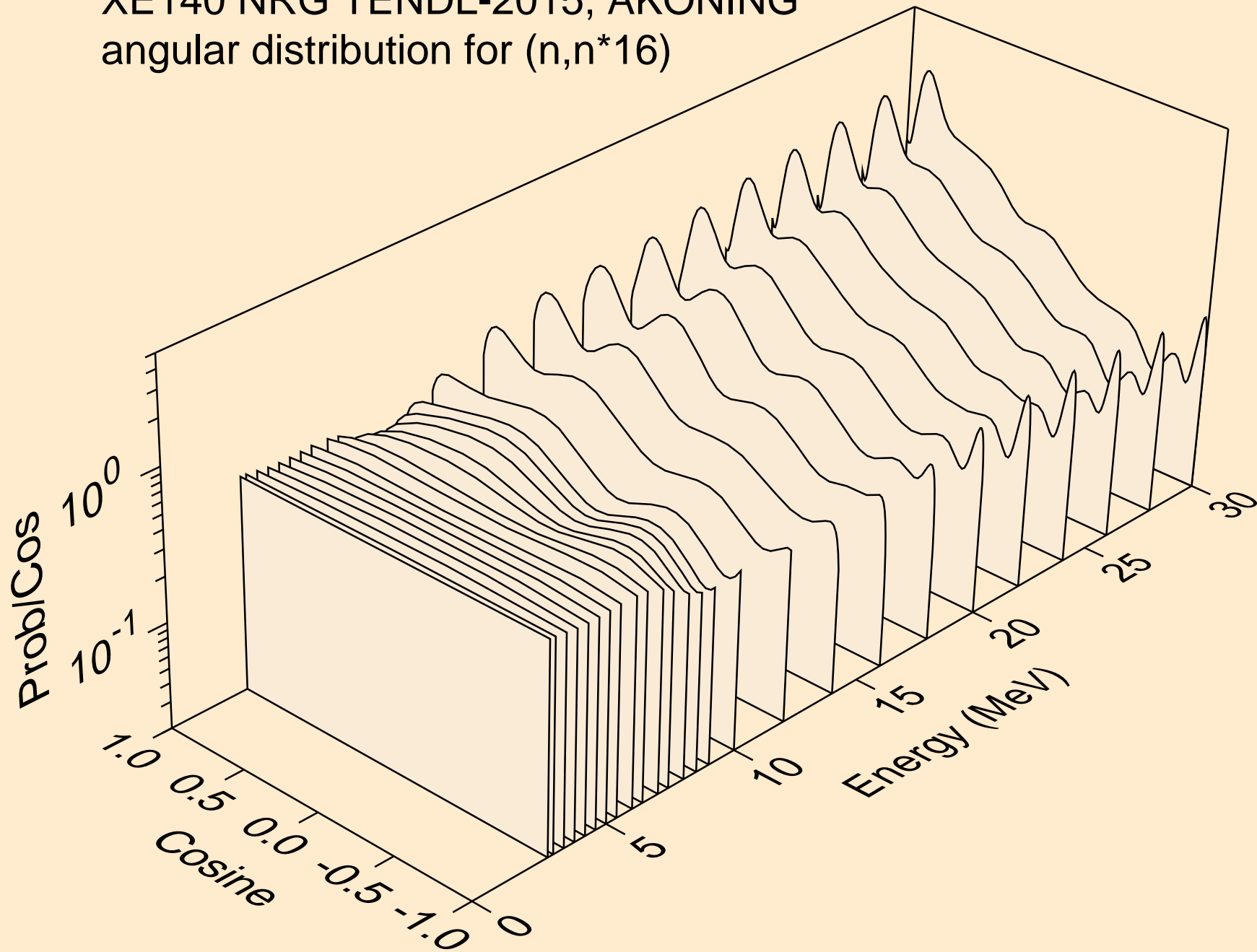
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

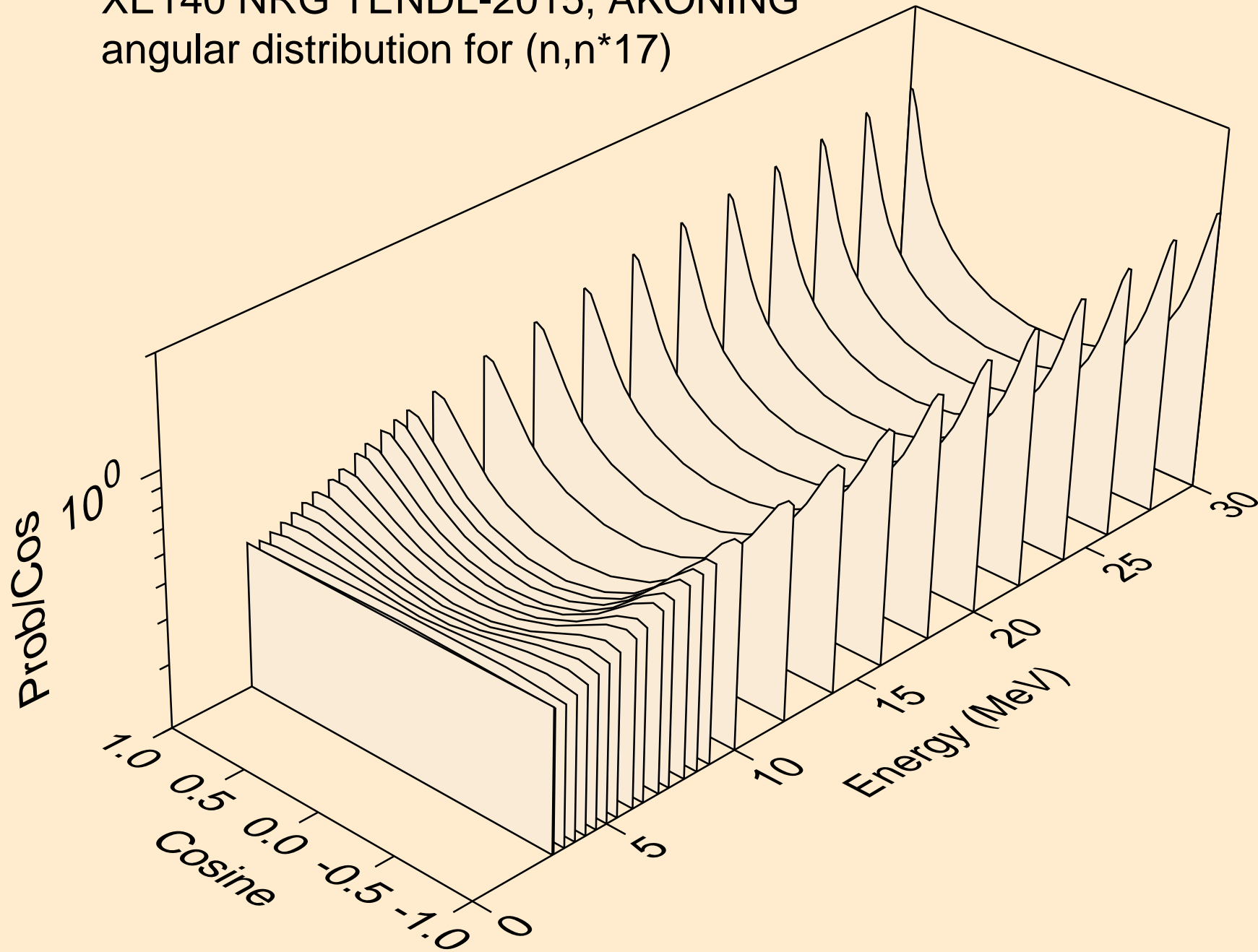


XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

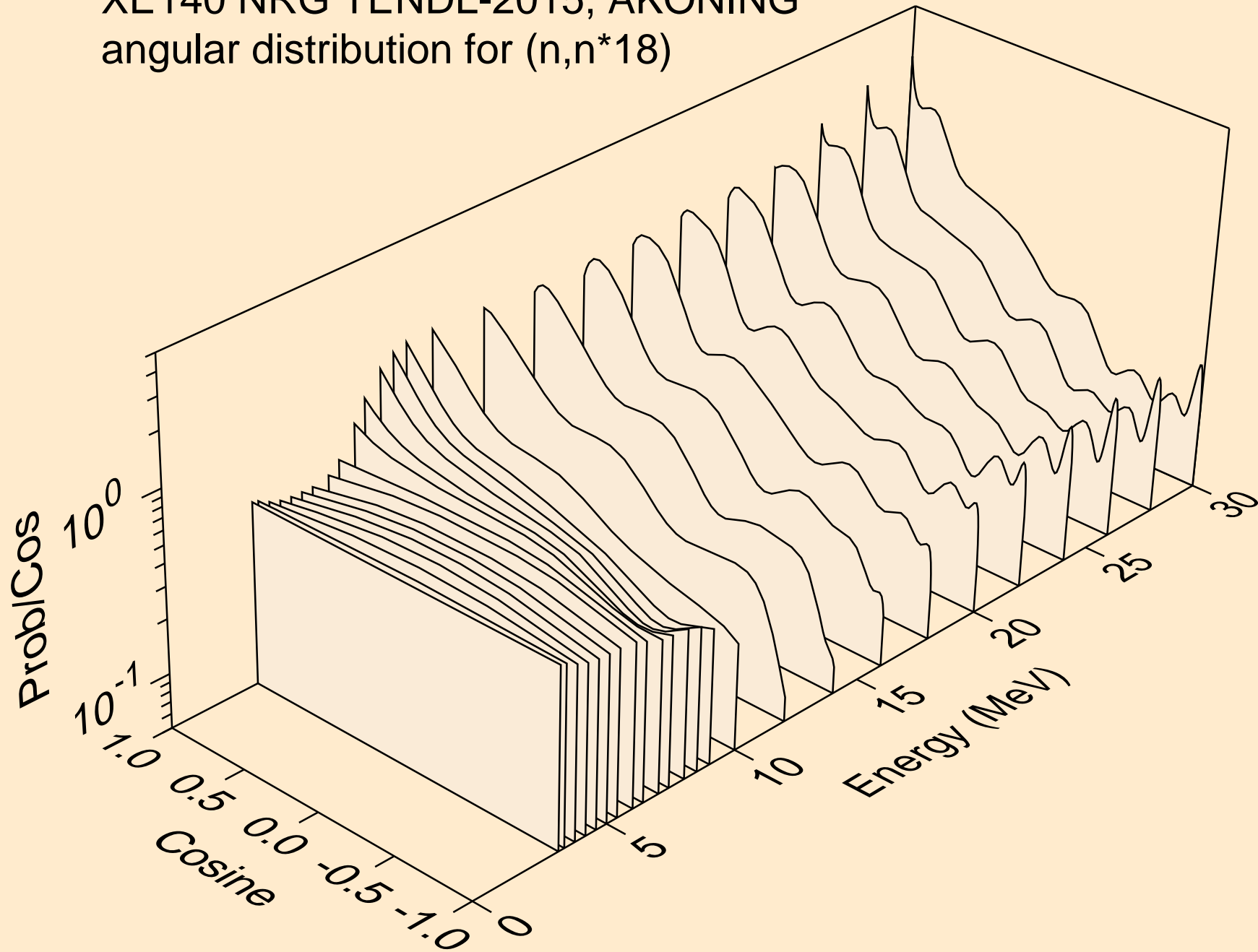




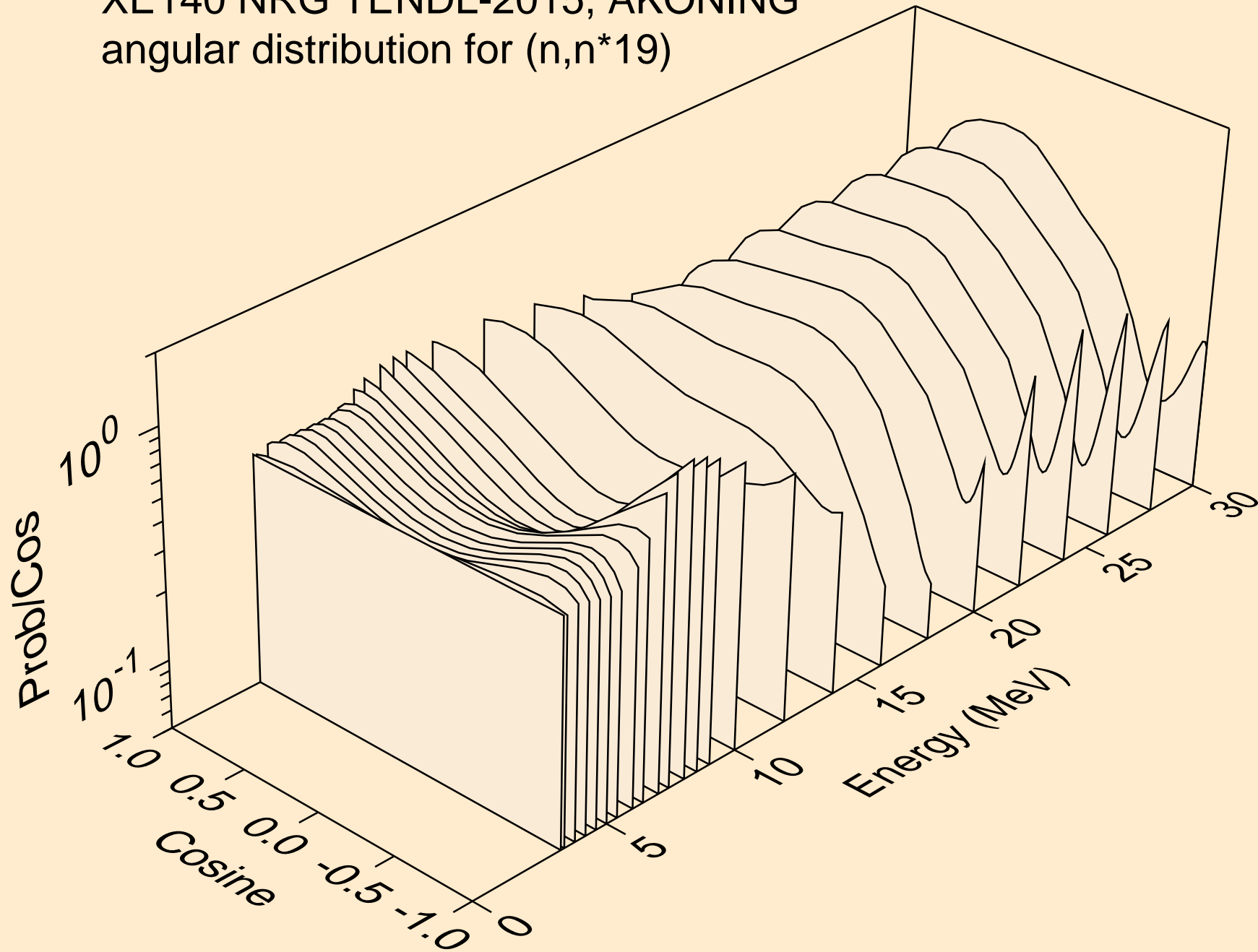
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angular distribution for (n,n\*17)



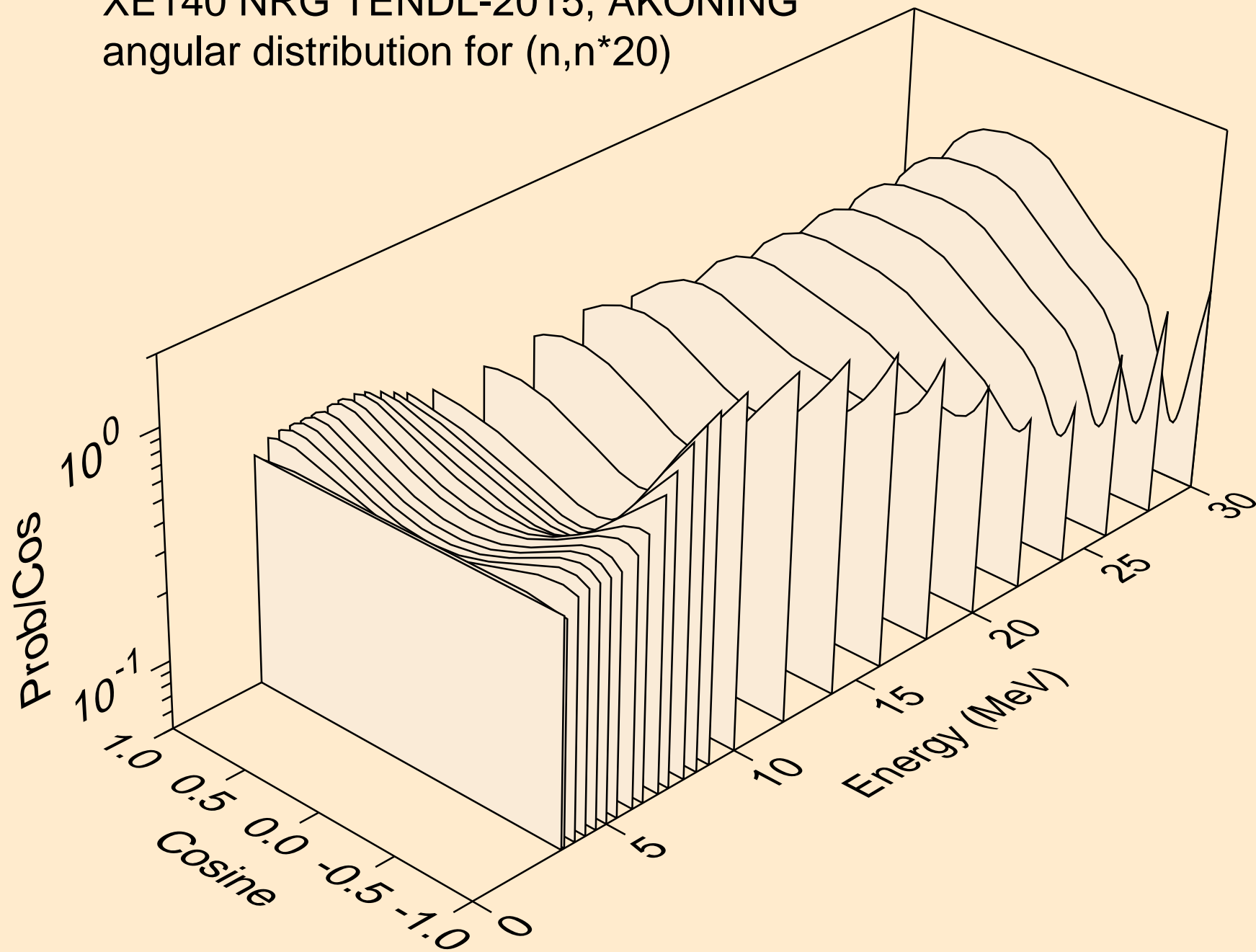
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angular distribution for (n,n\*18)



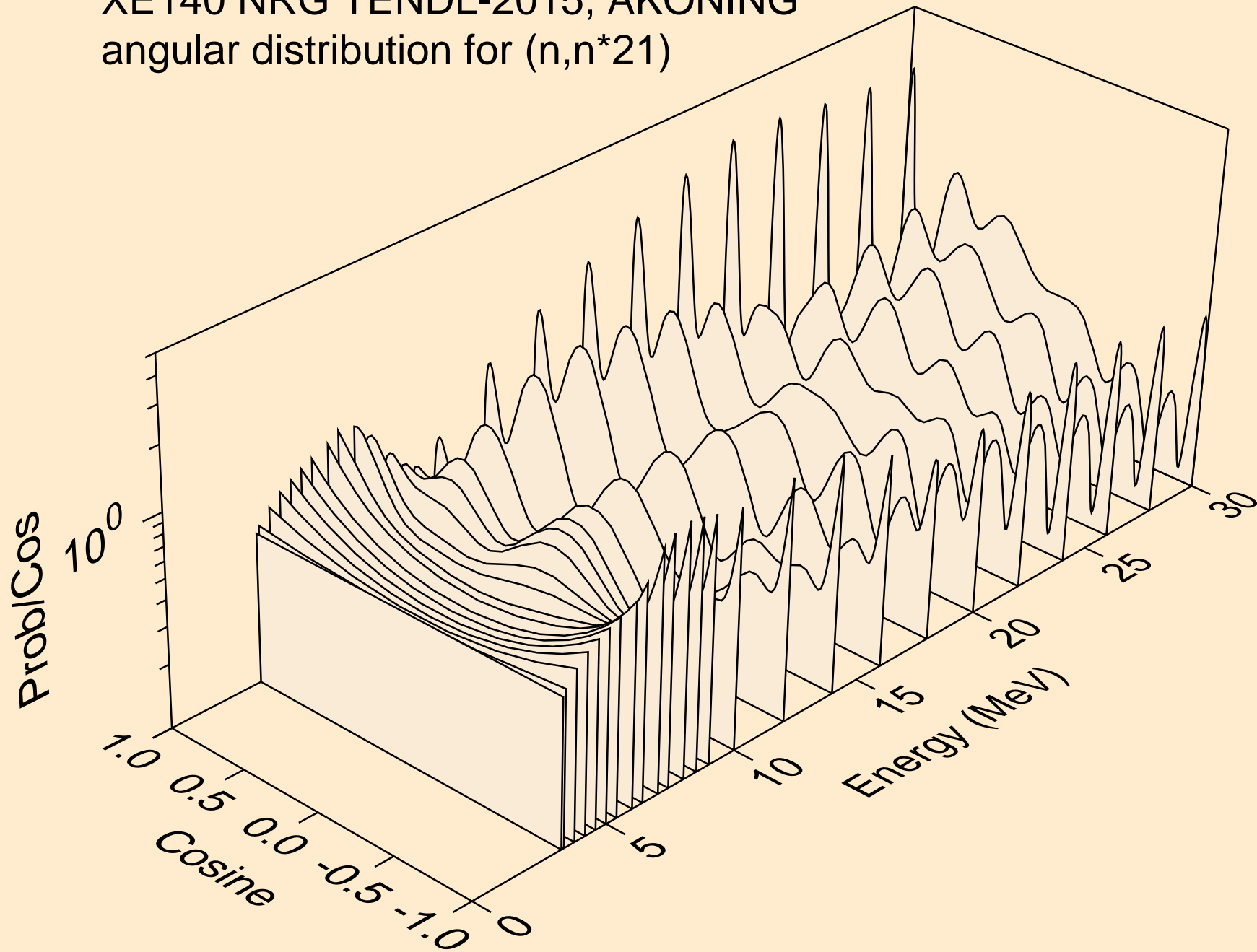
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angular distribution for (n,n\*19)



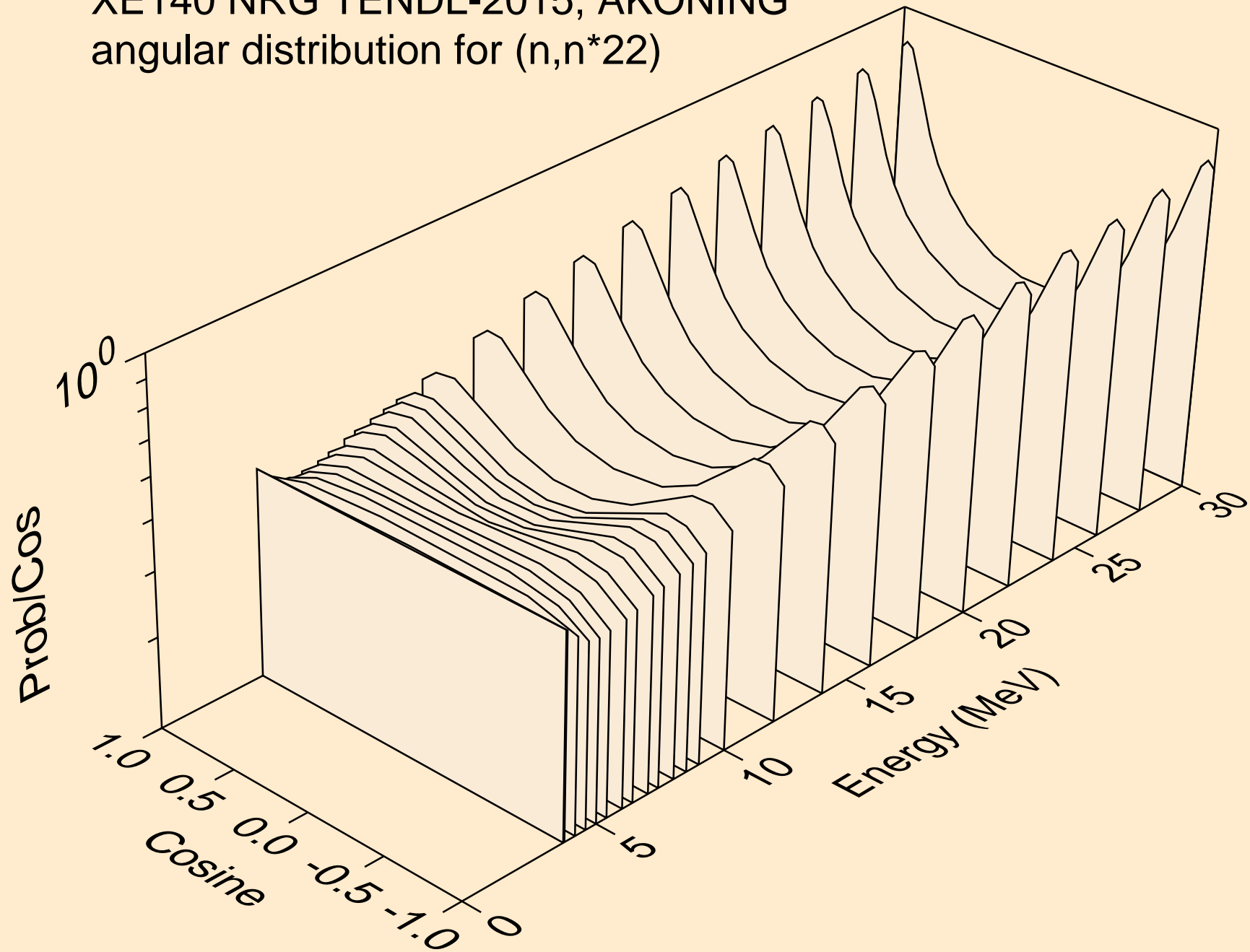
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



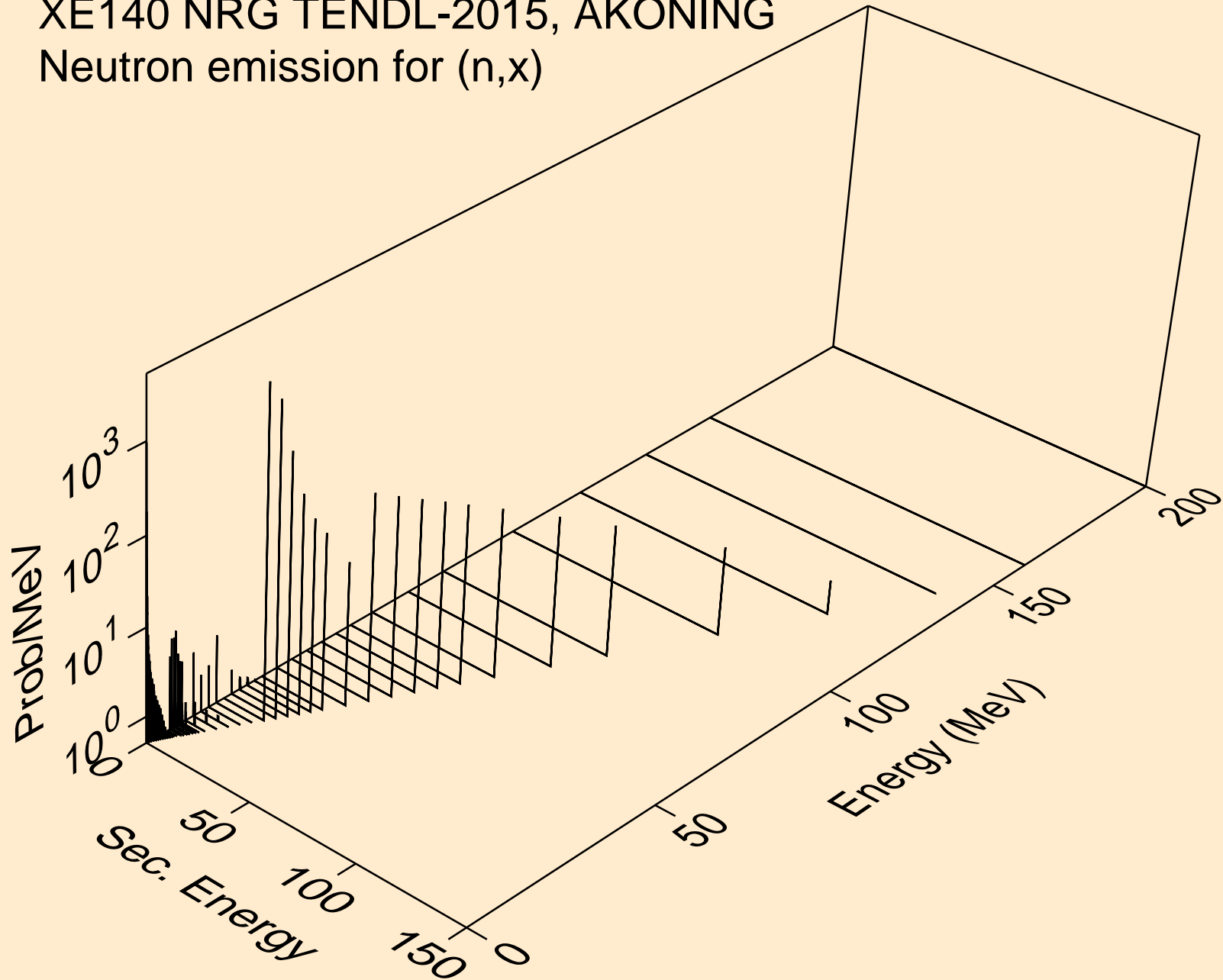
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



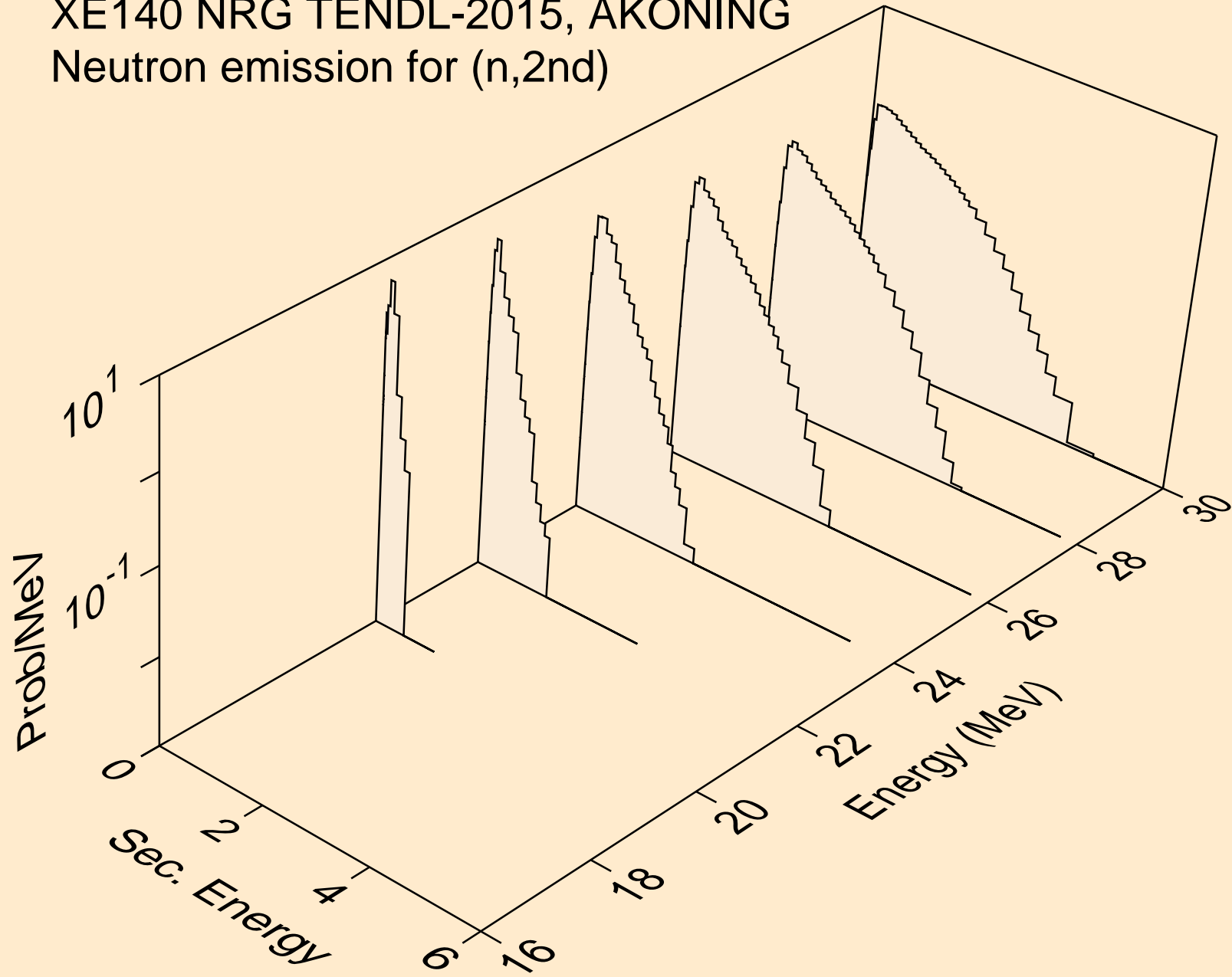
XE140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

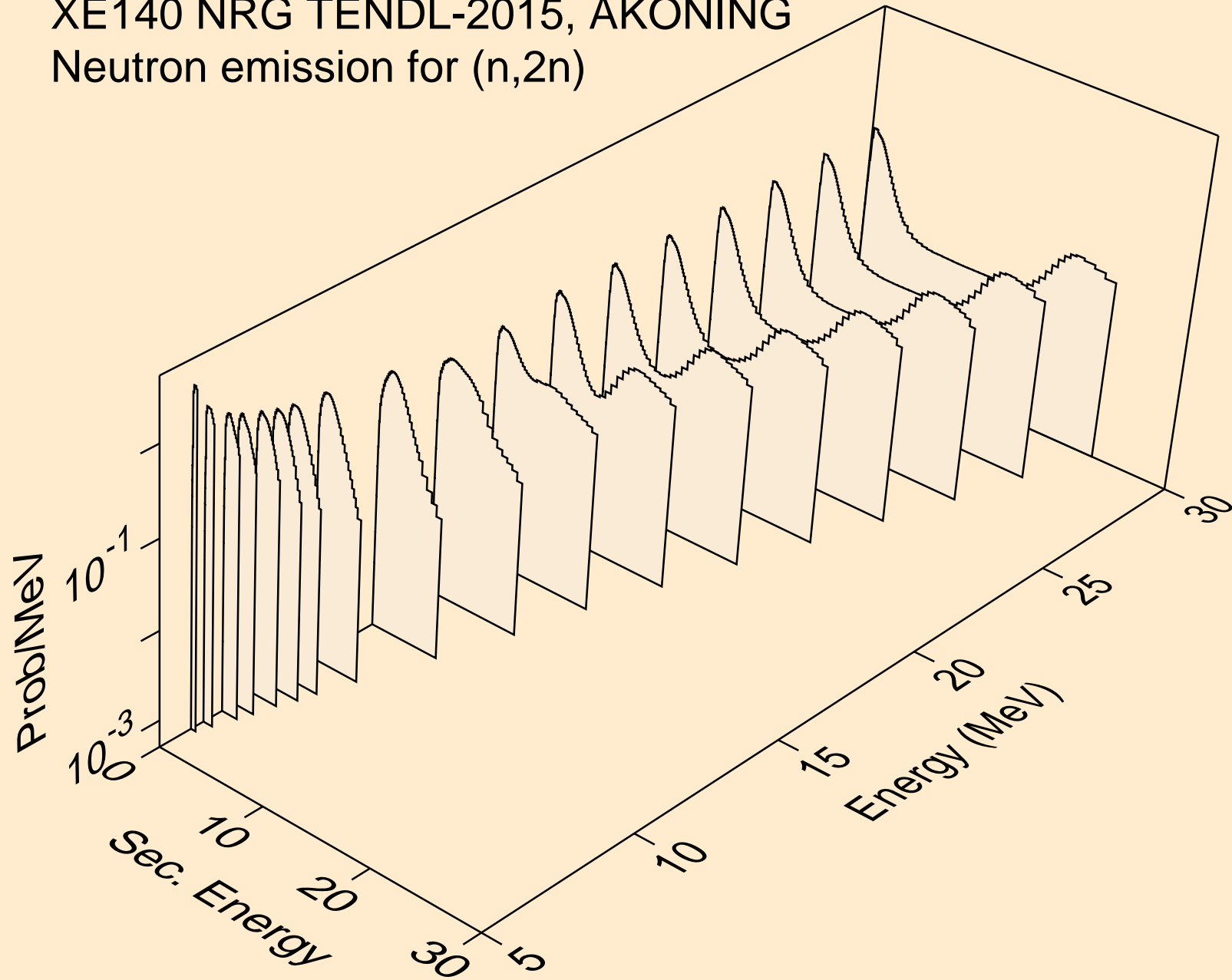


XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

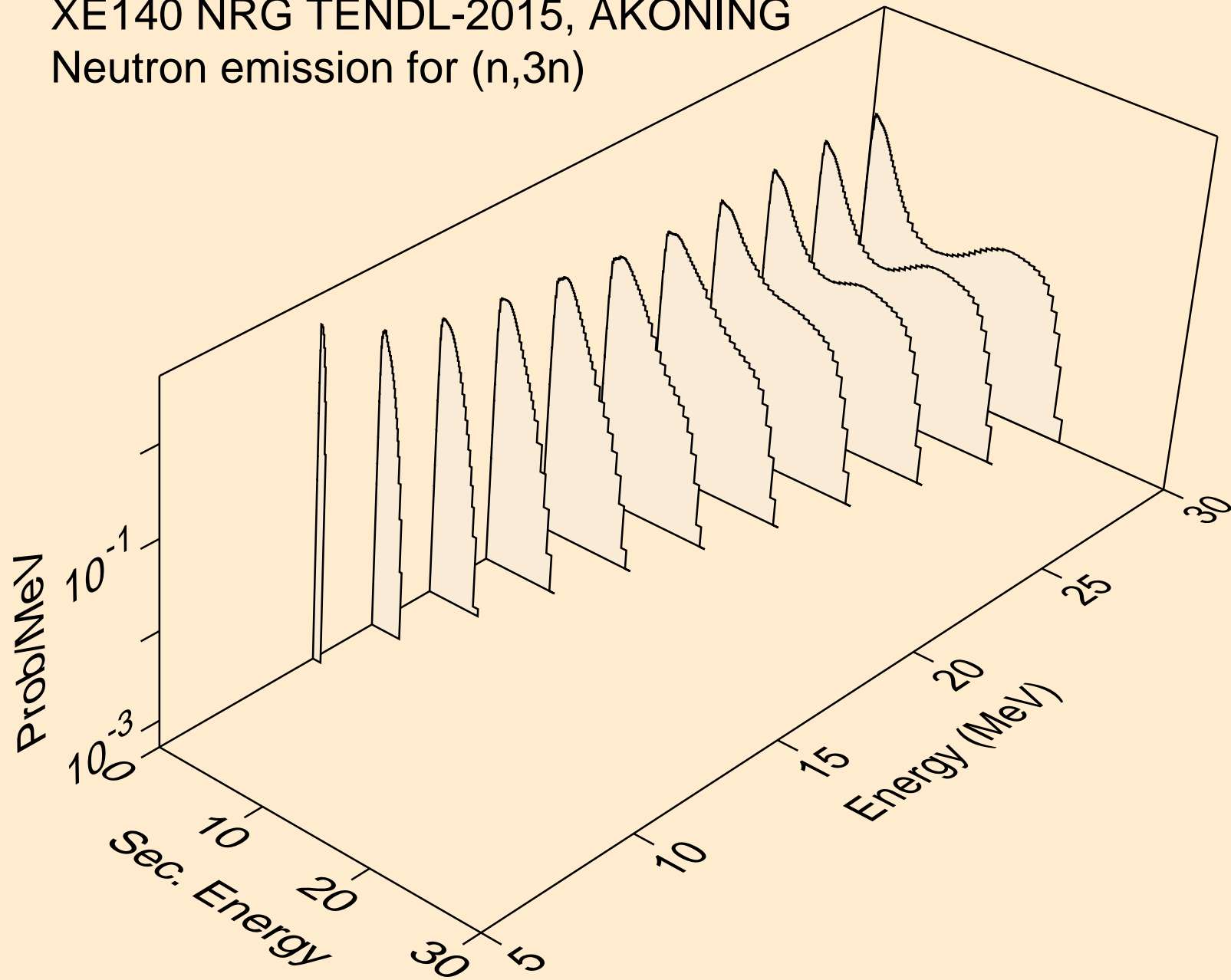




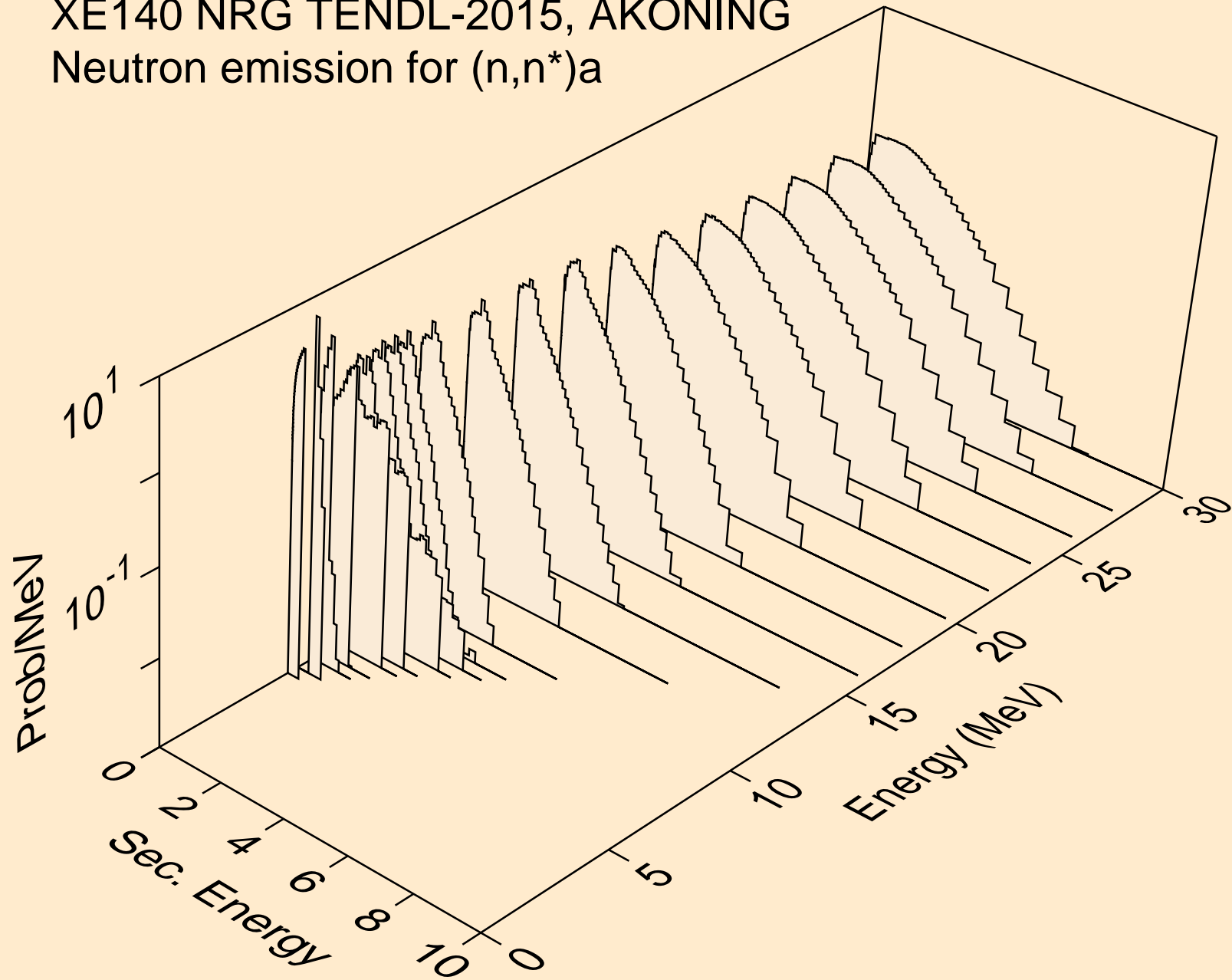
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



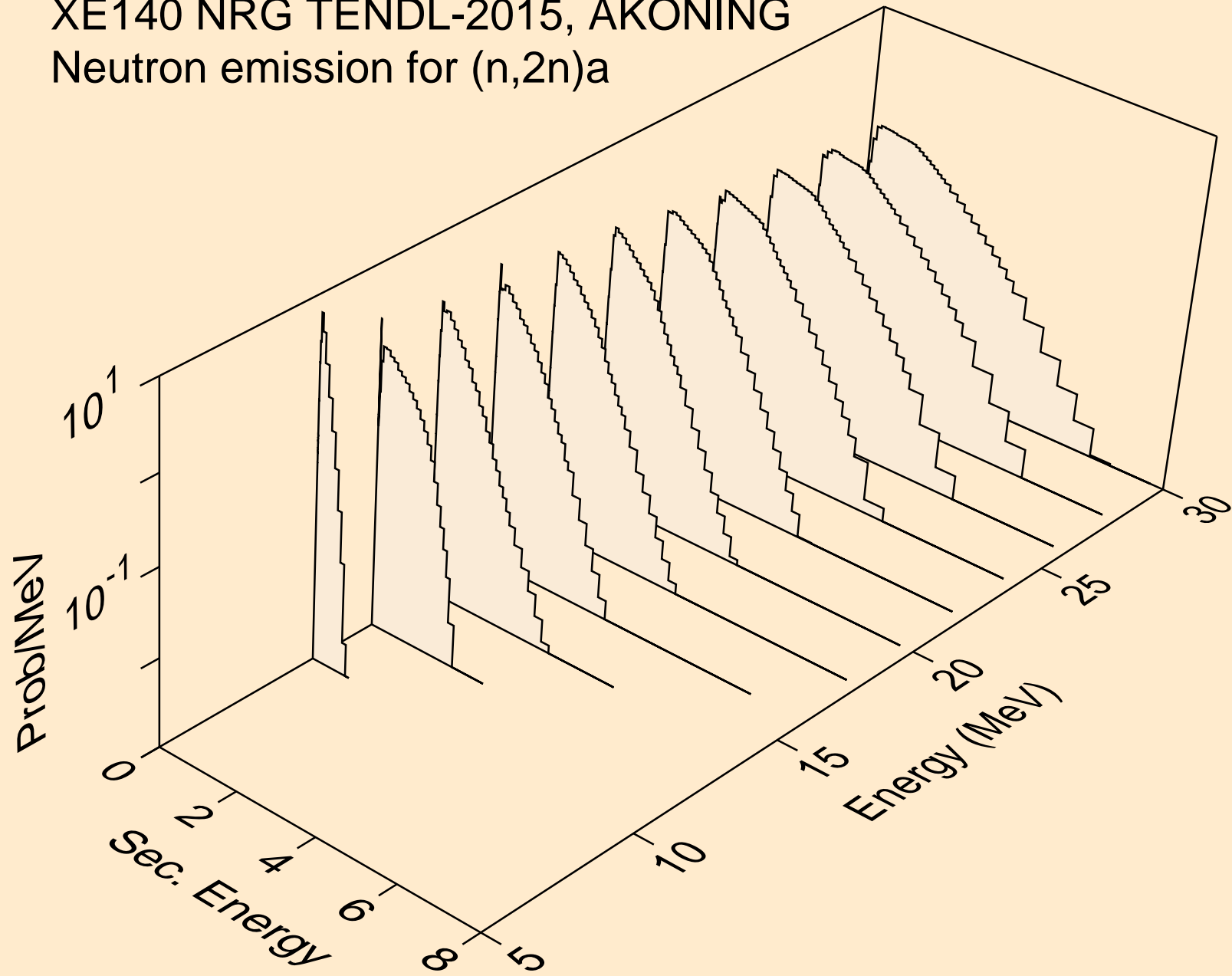
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



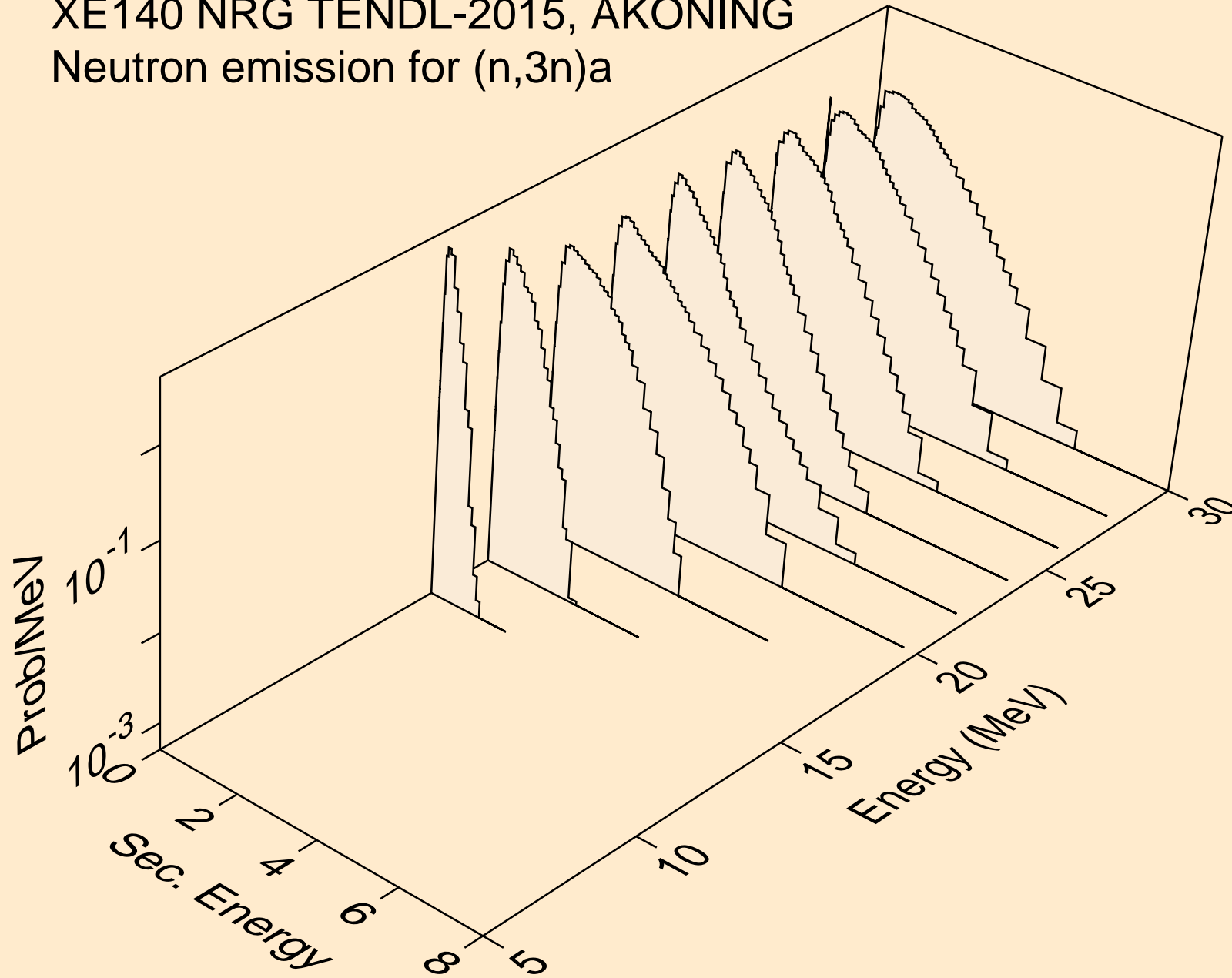
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



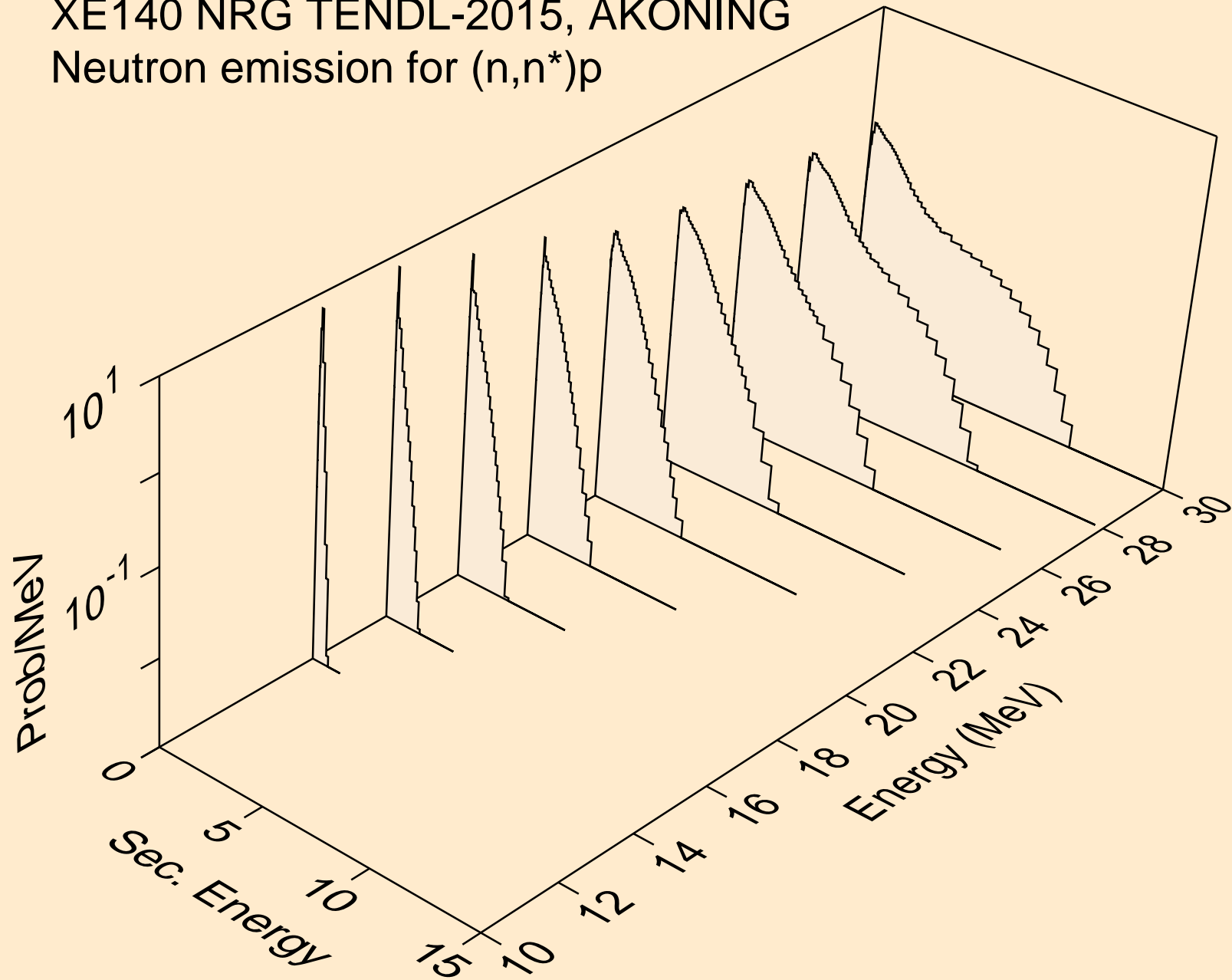
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



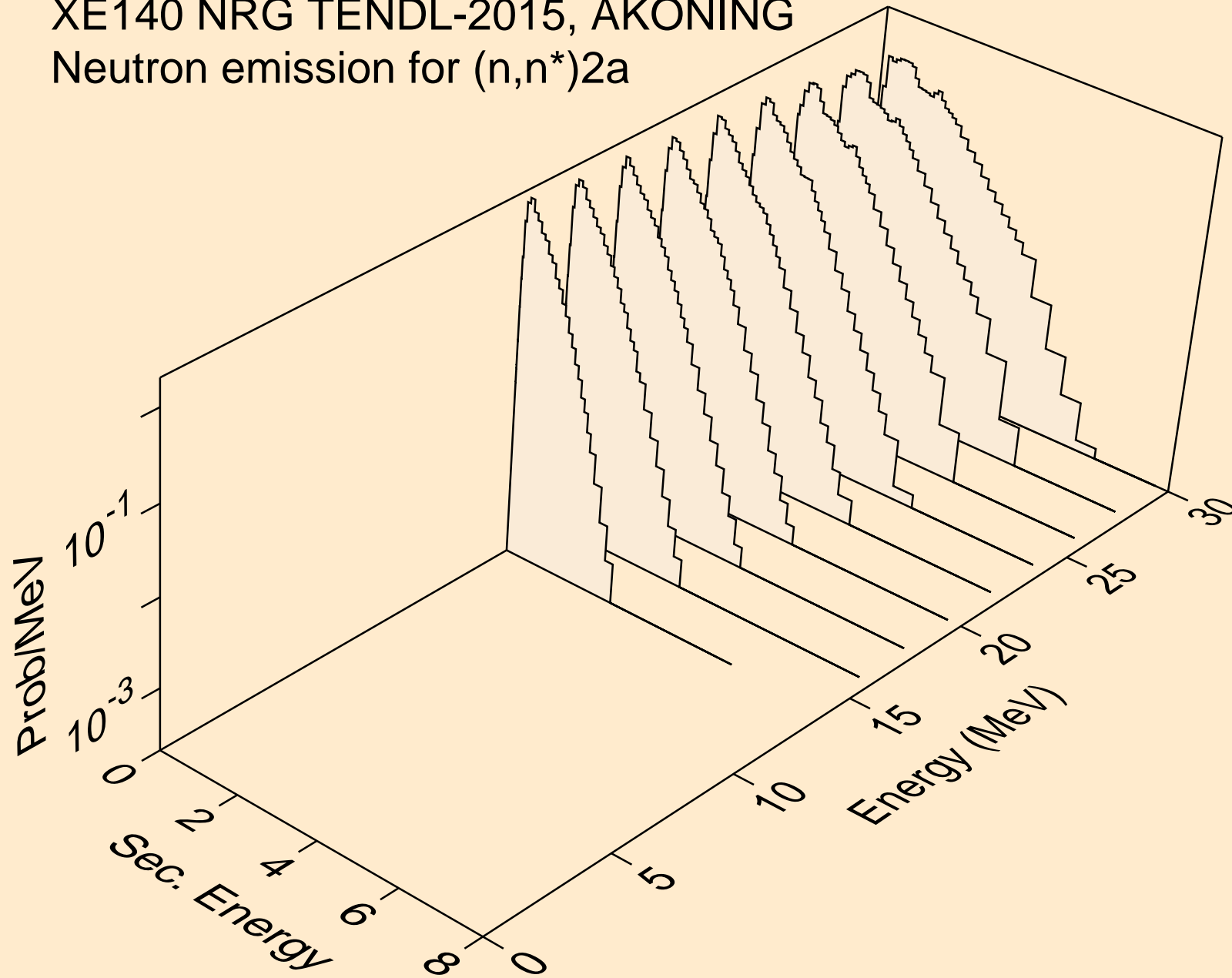
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



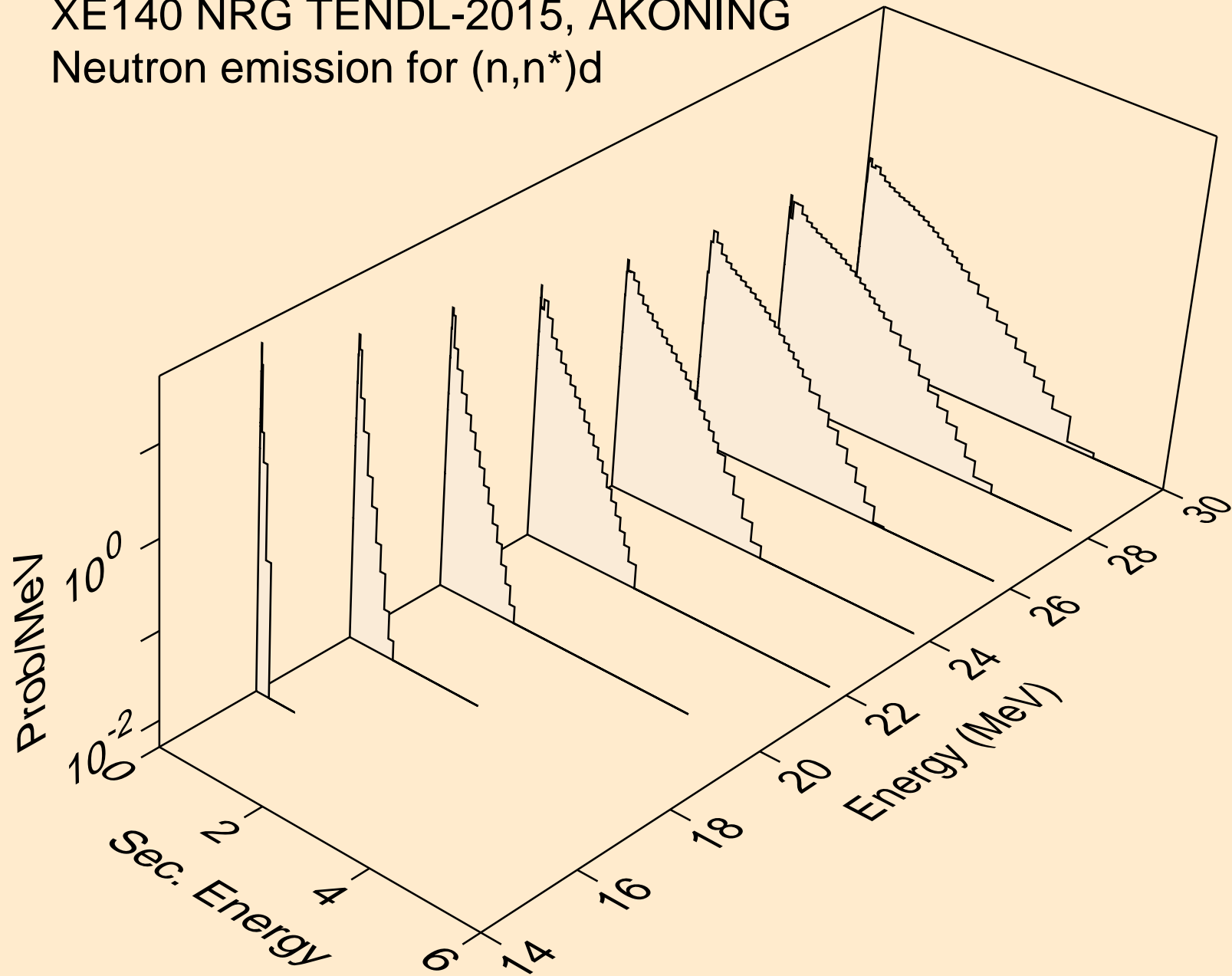
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

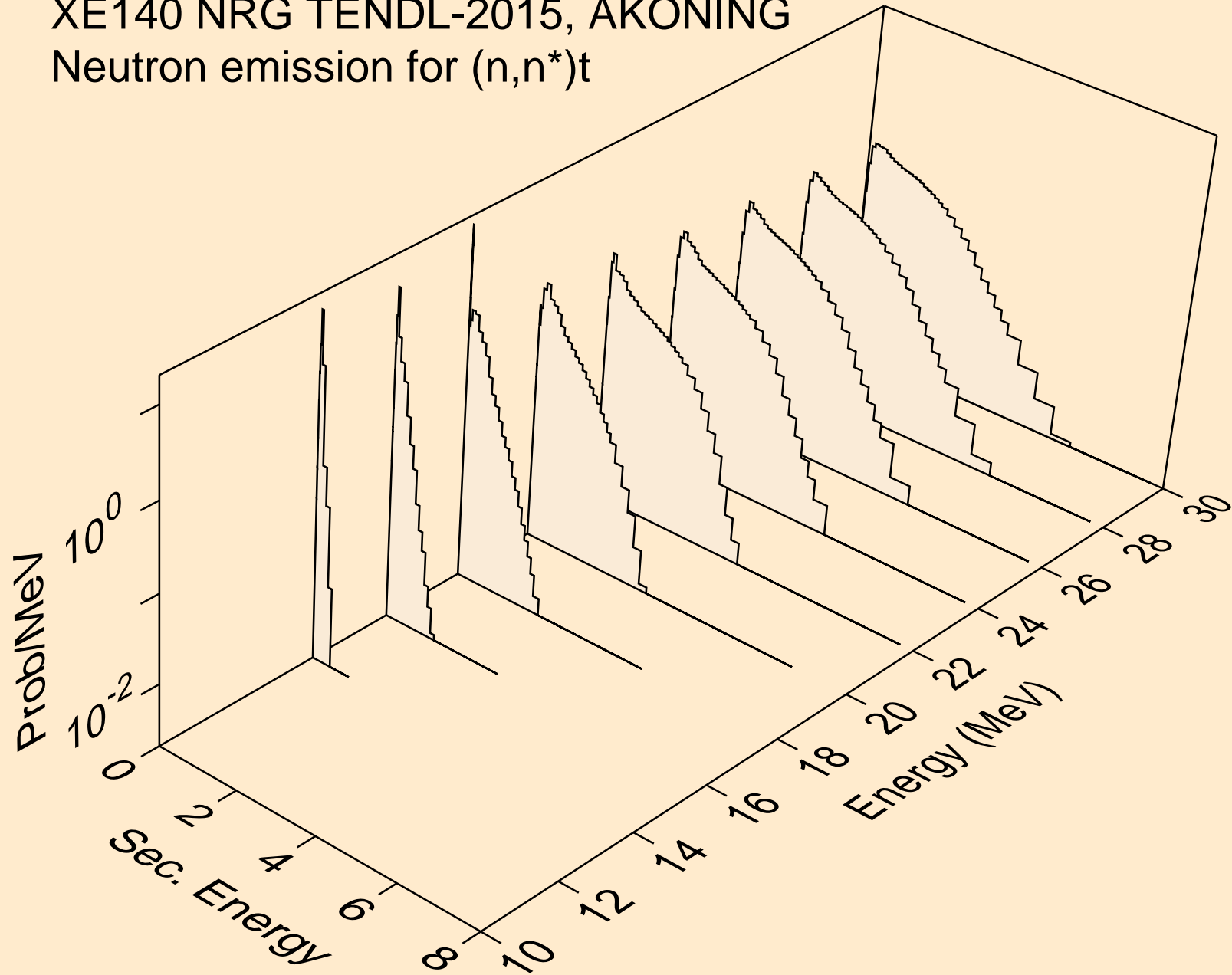


XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

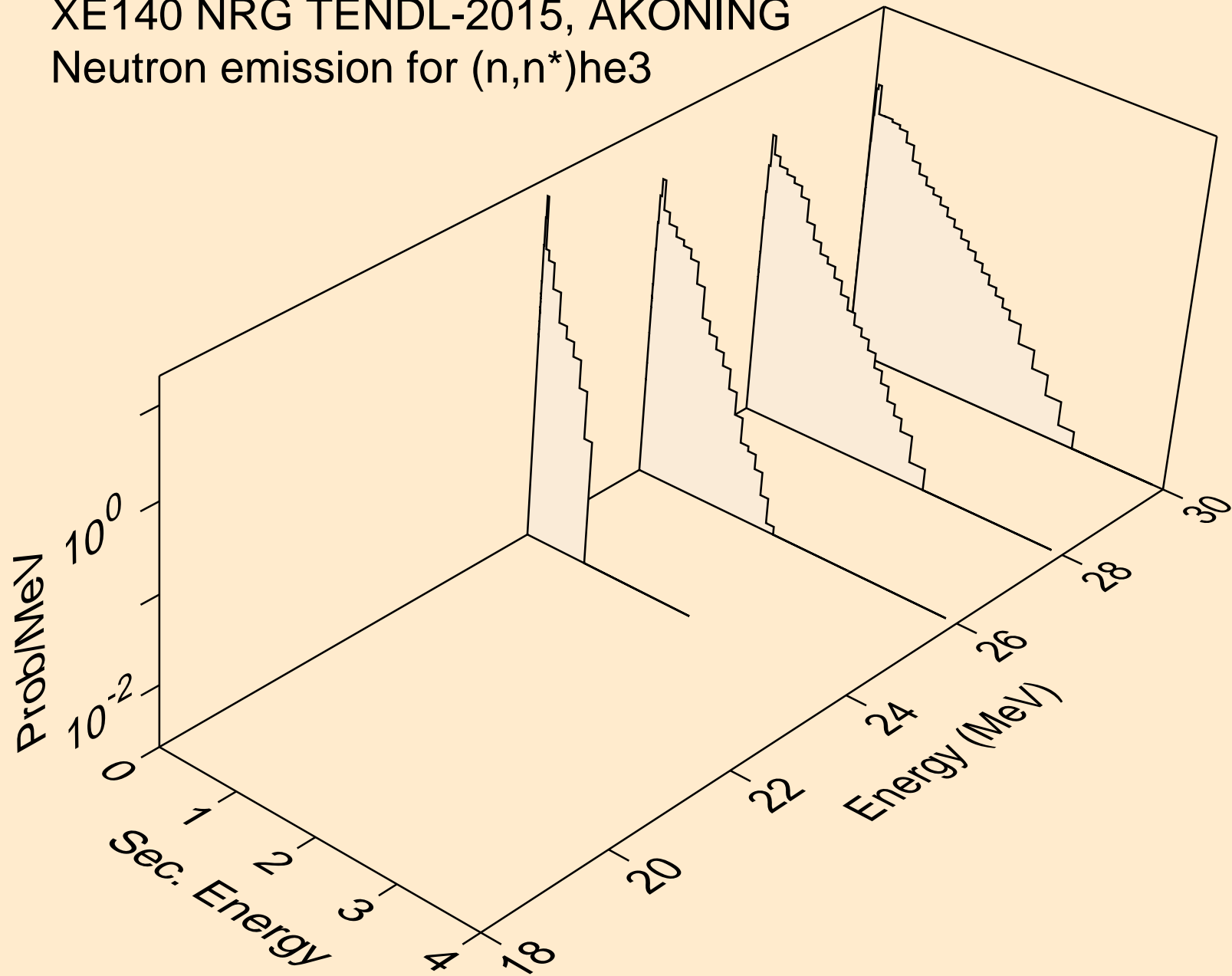




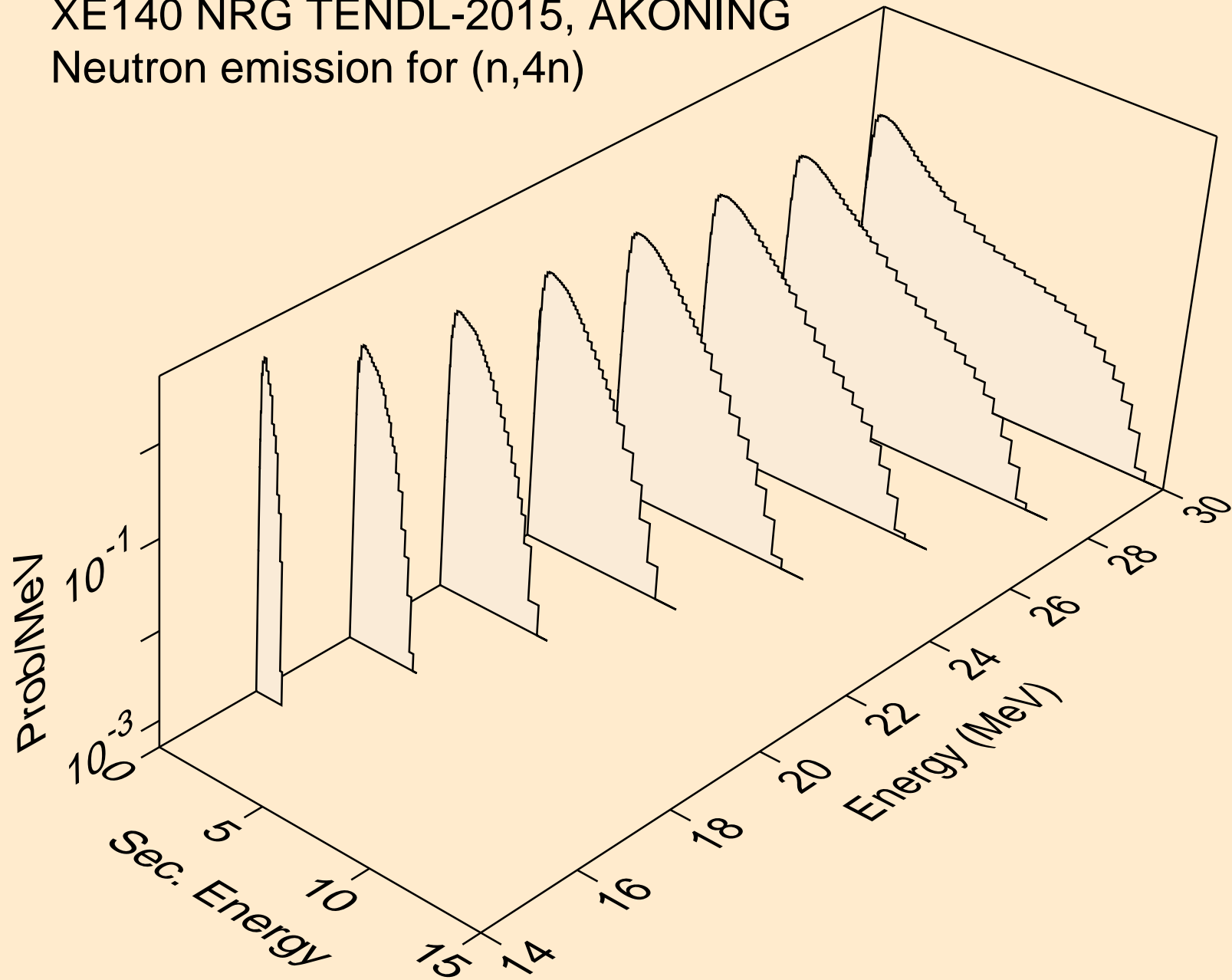
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



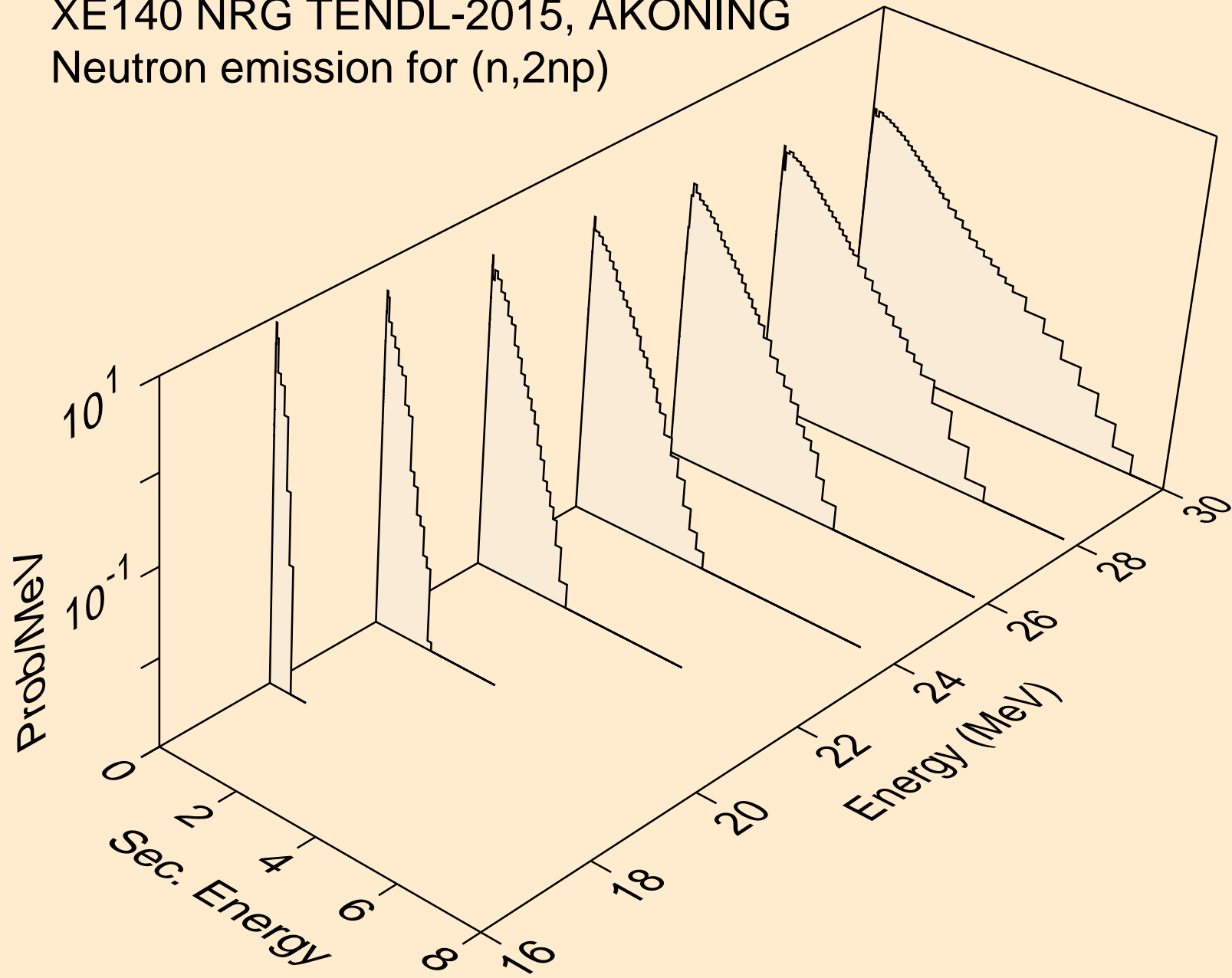
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



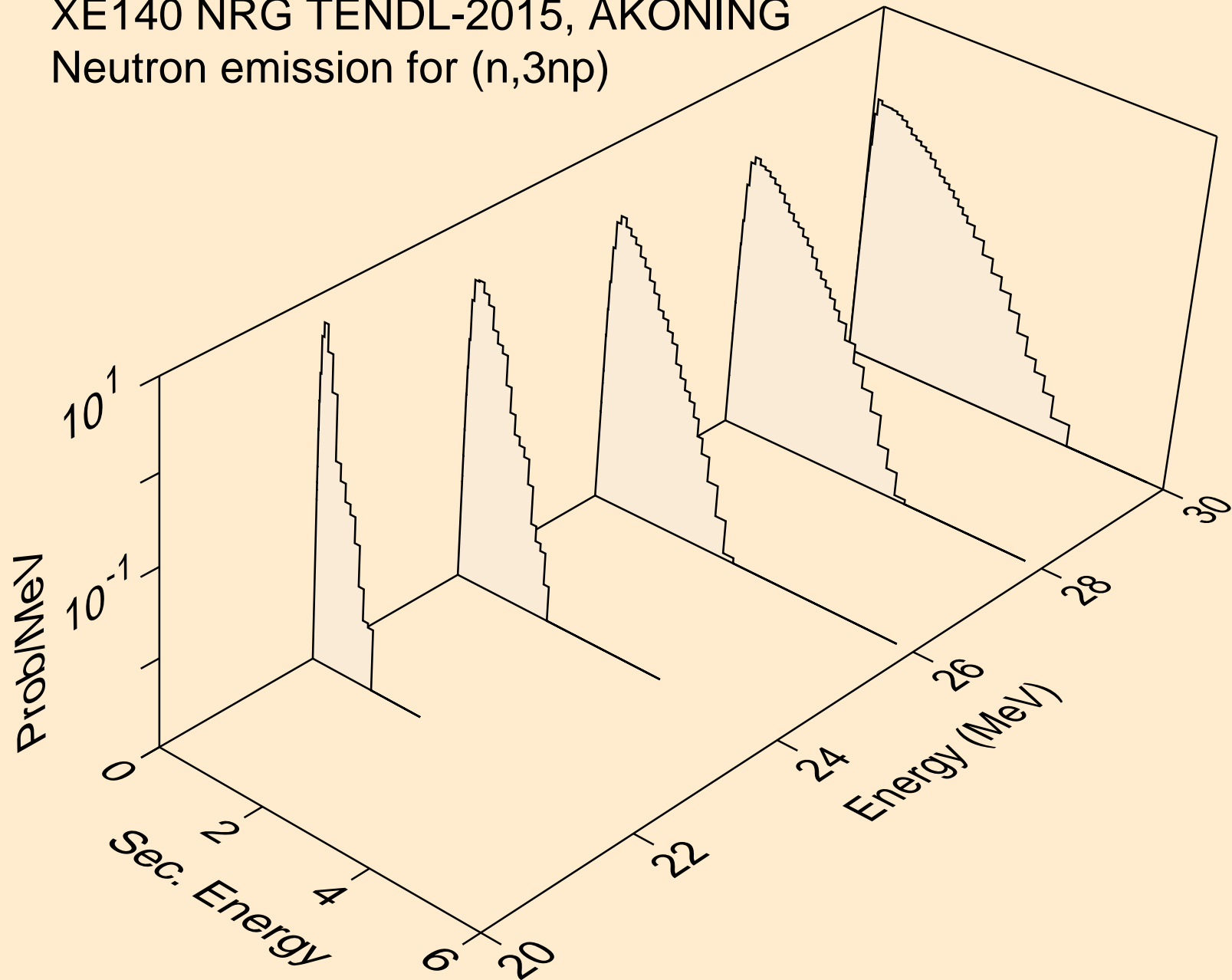
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



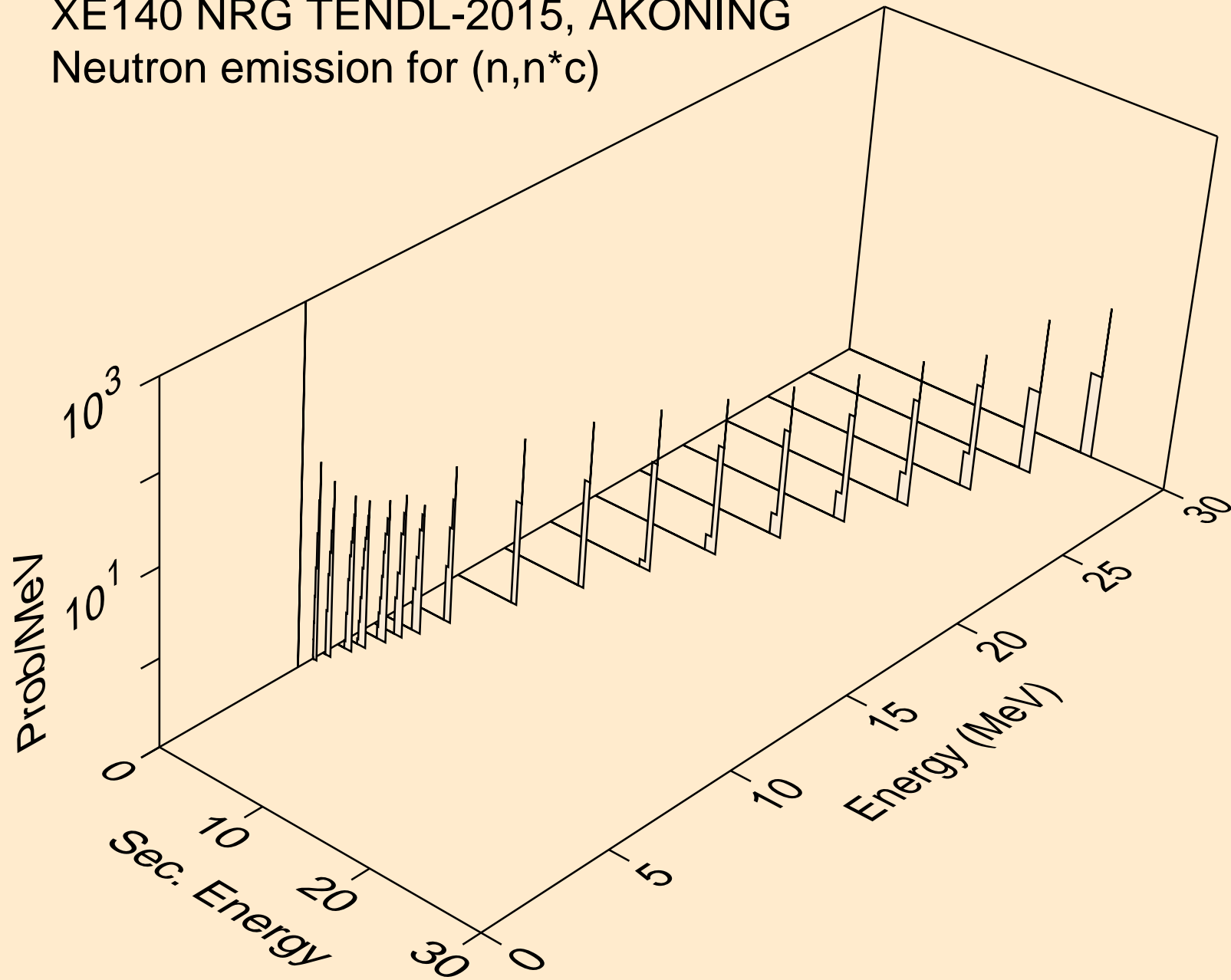
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



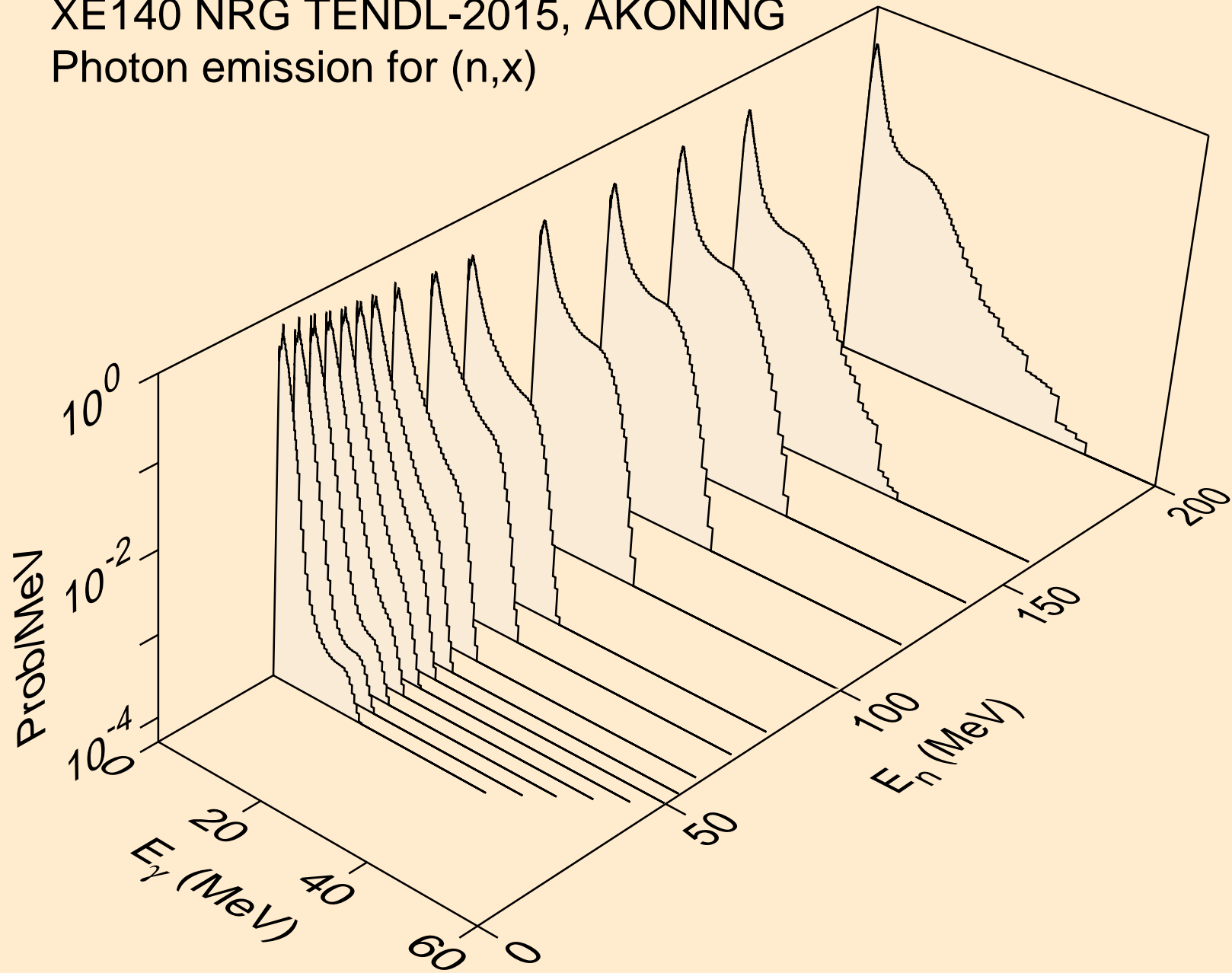
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



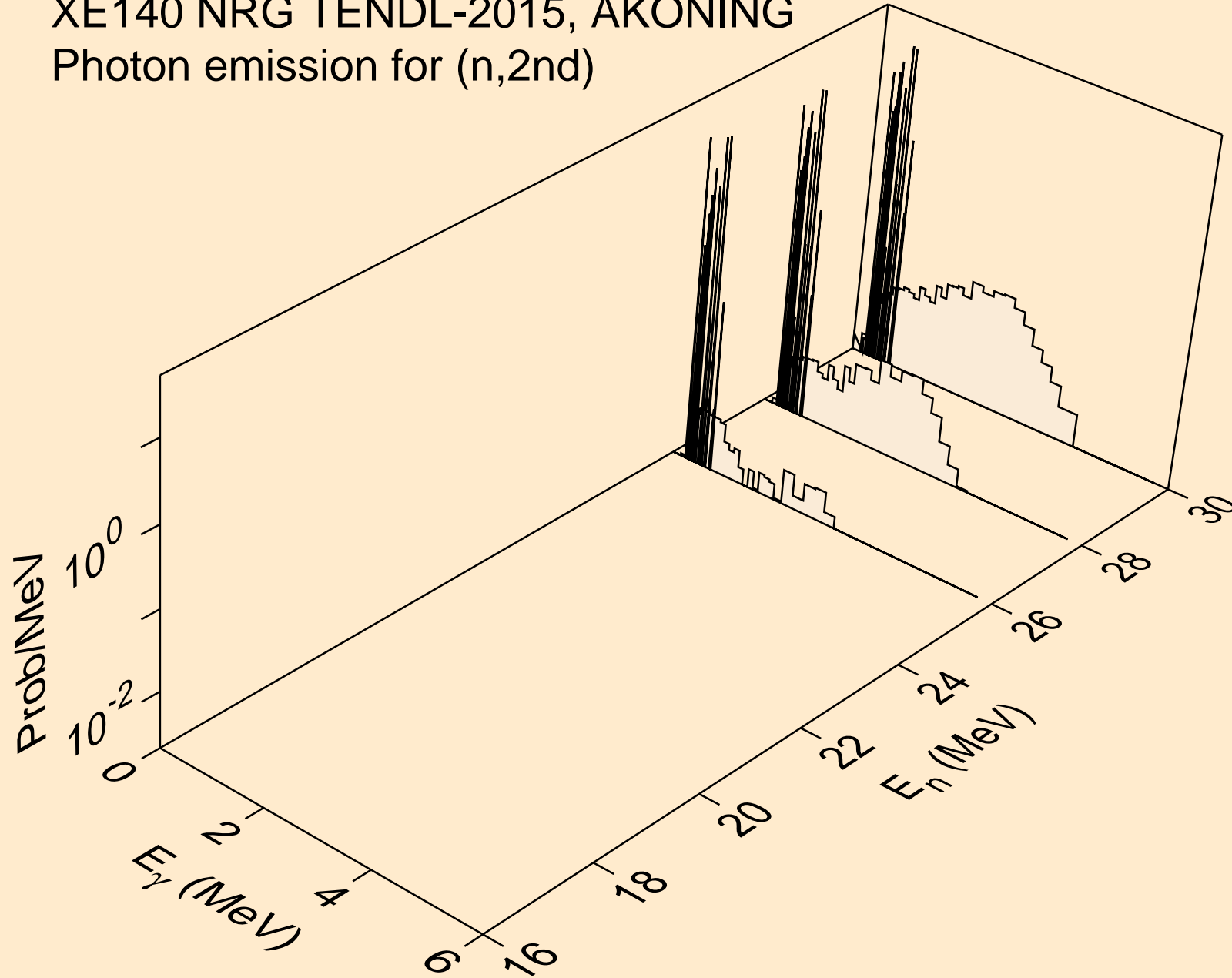
XE140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

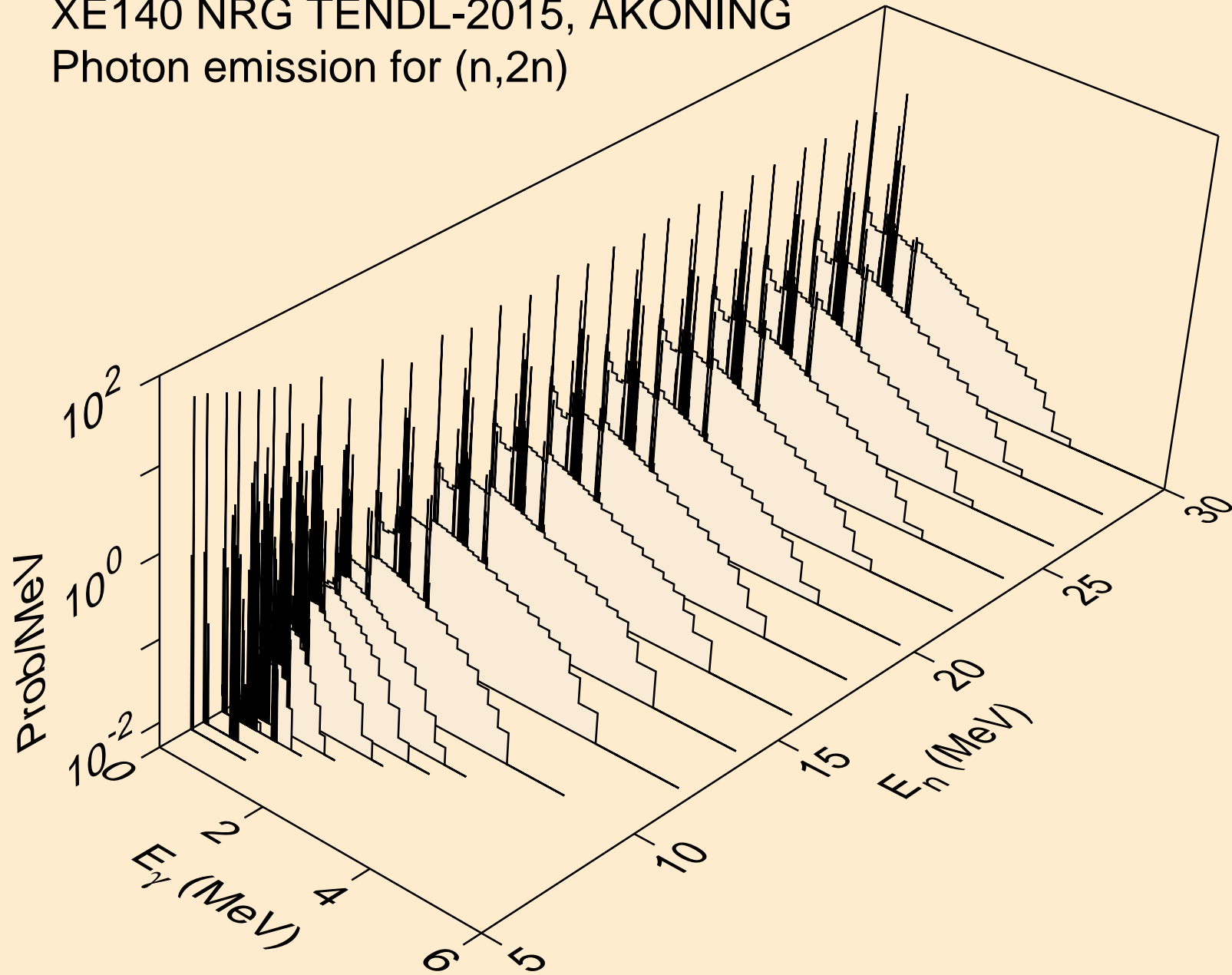


XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

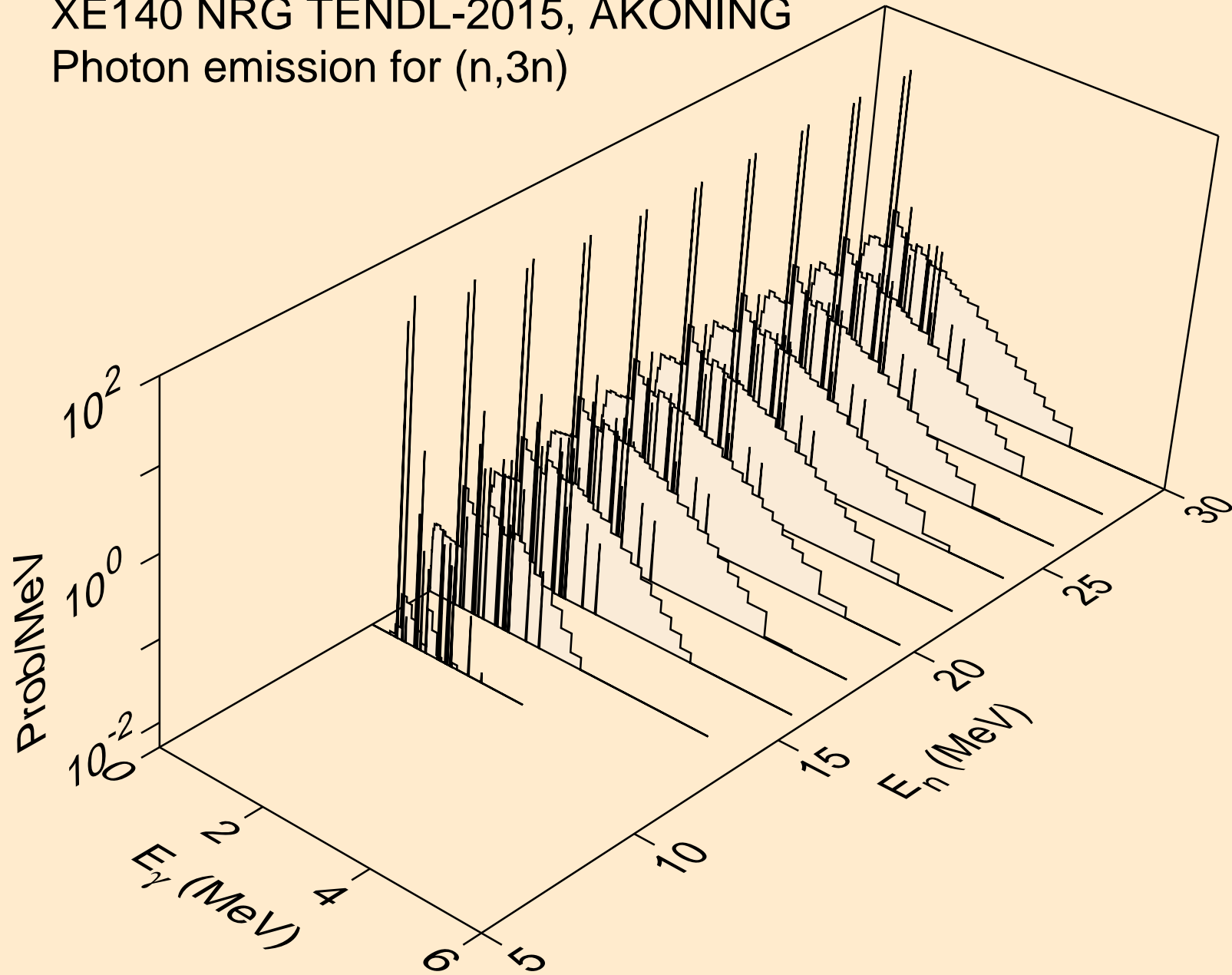




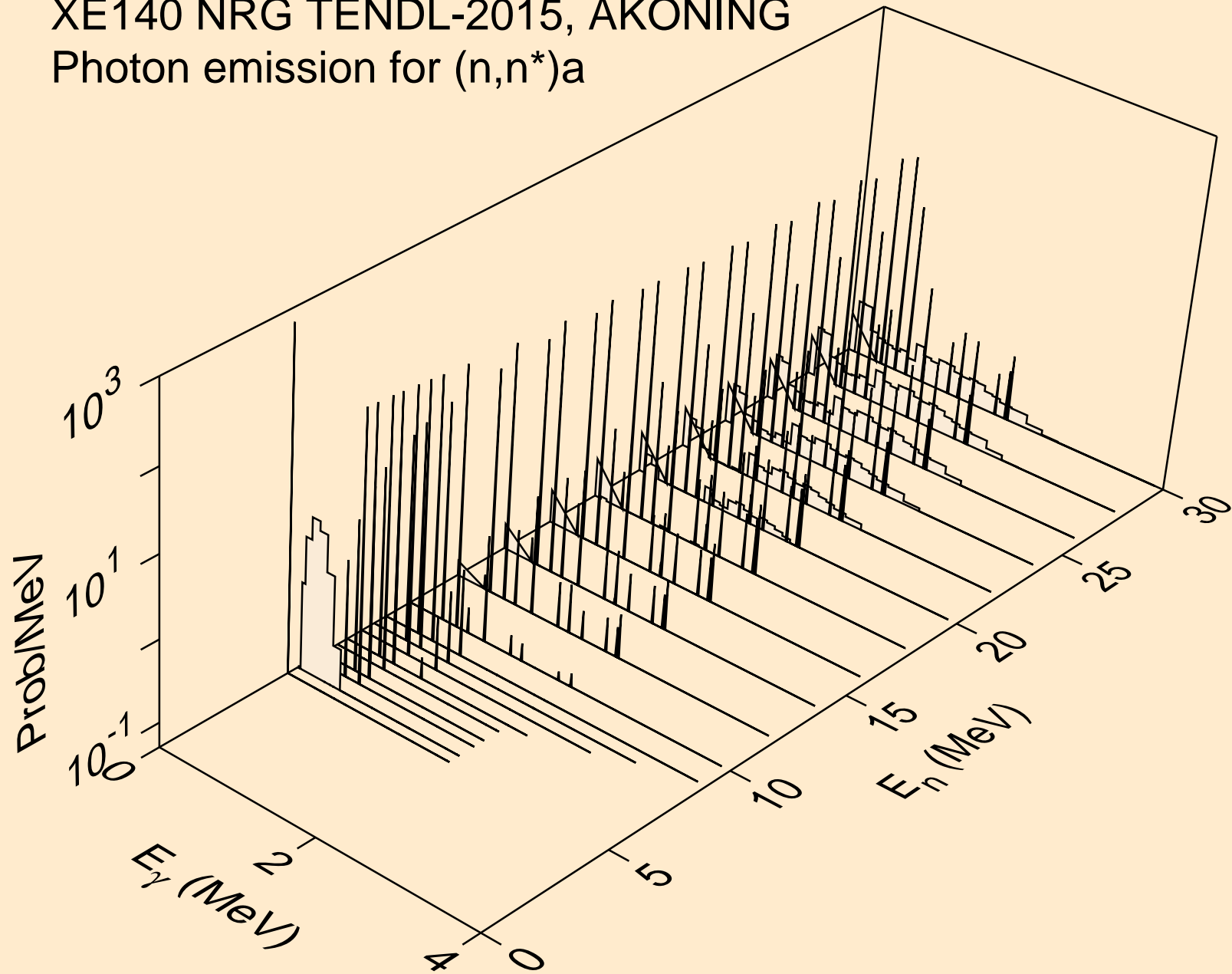
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



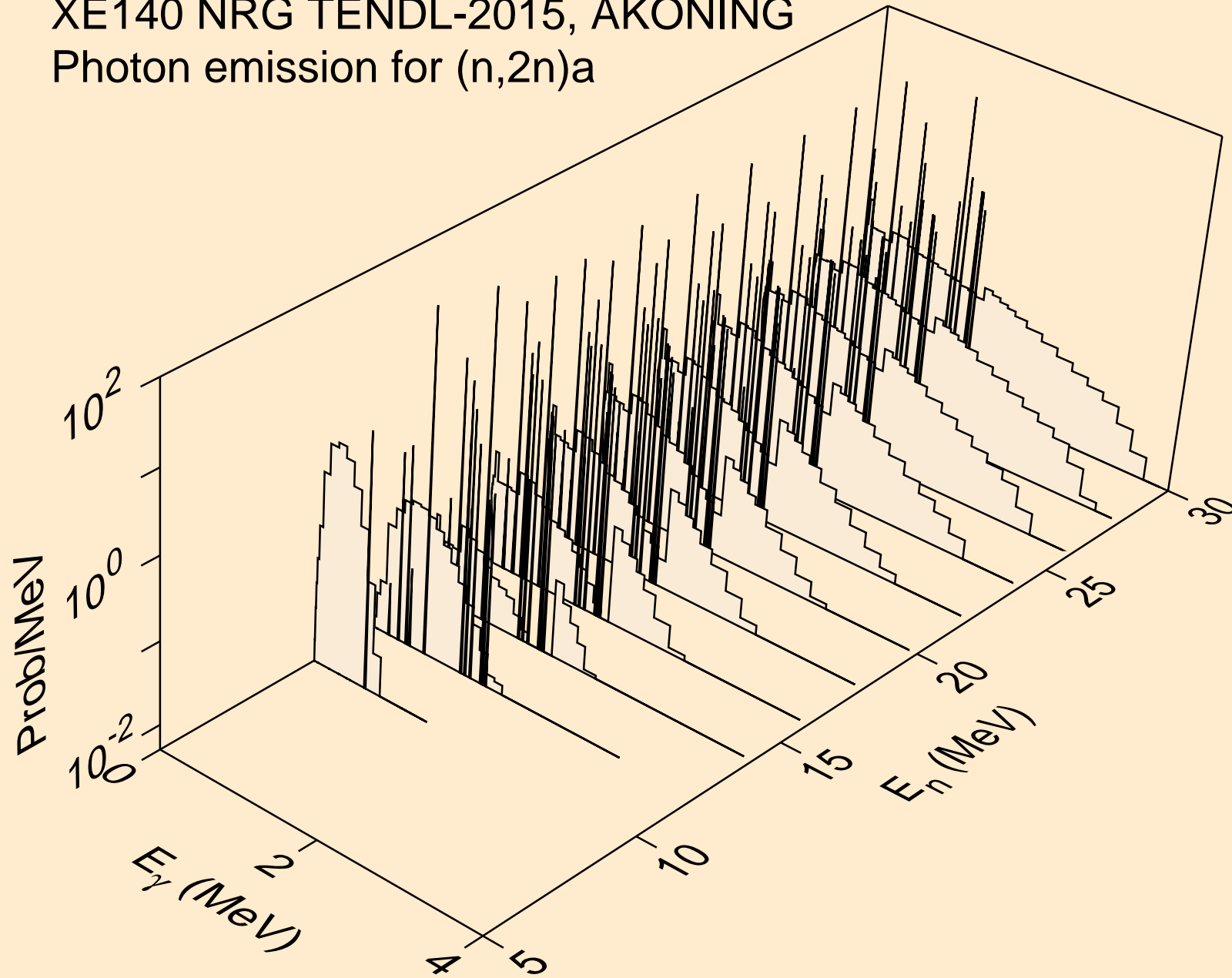
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



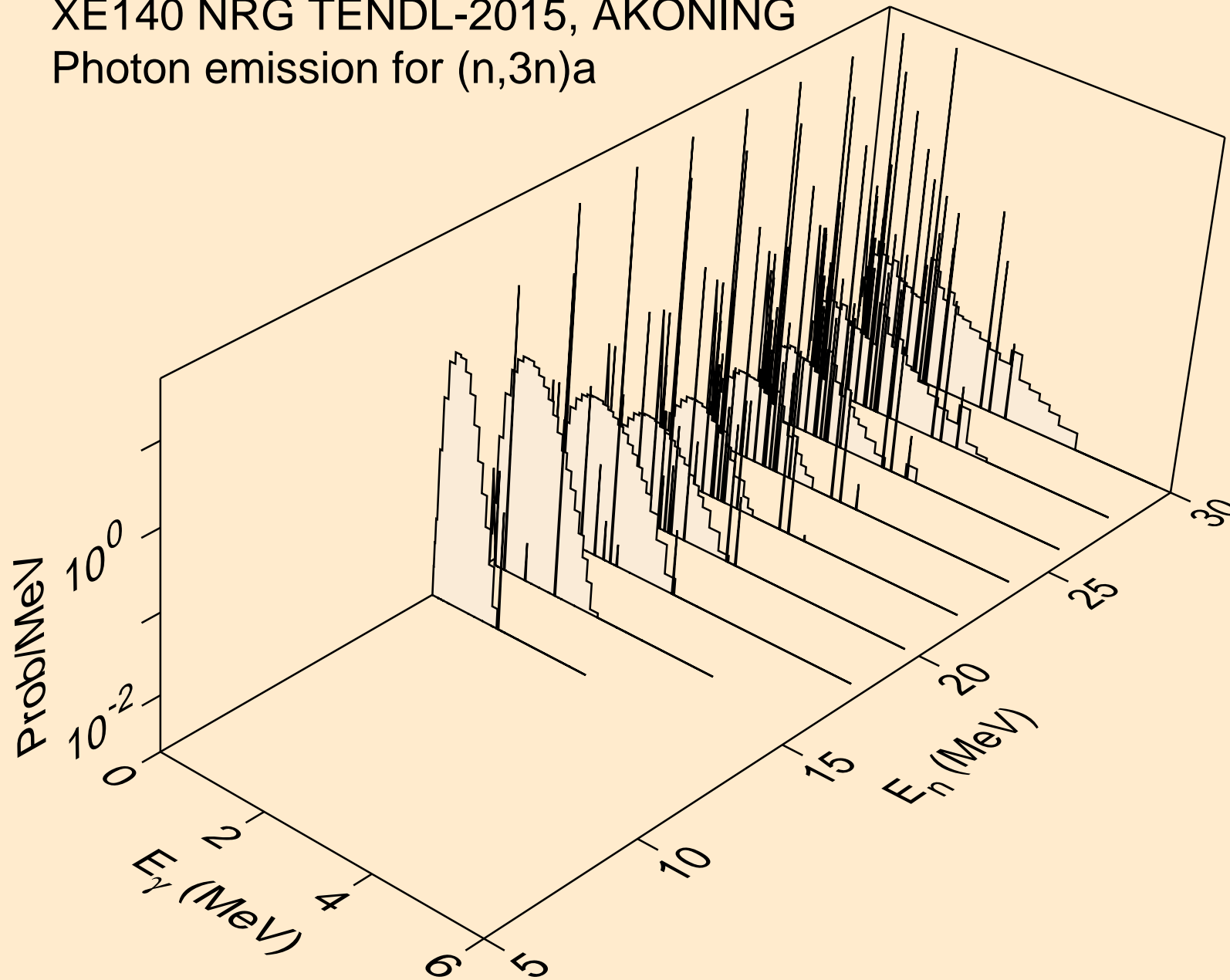
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



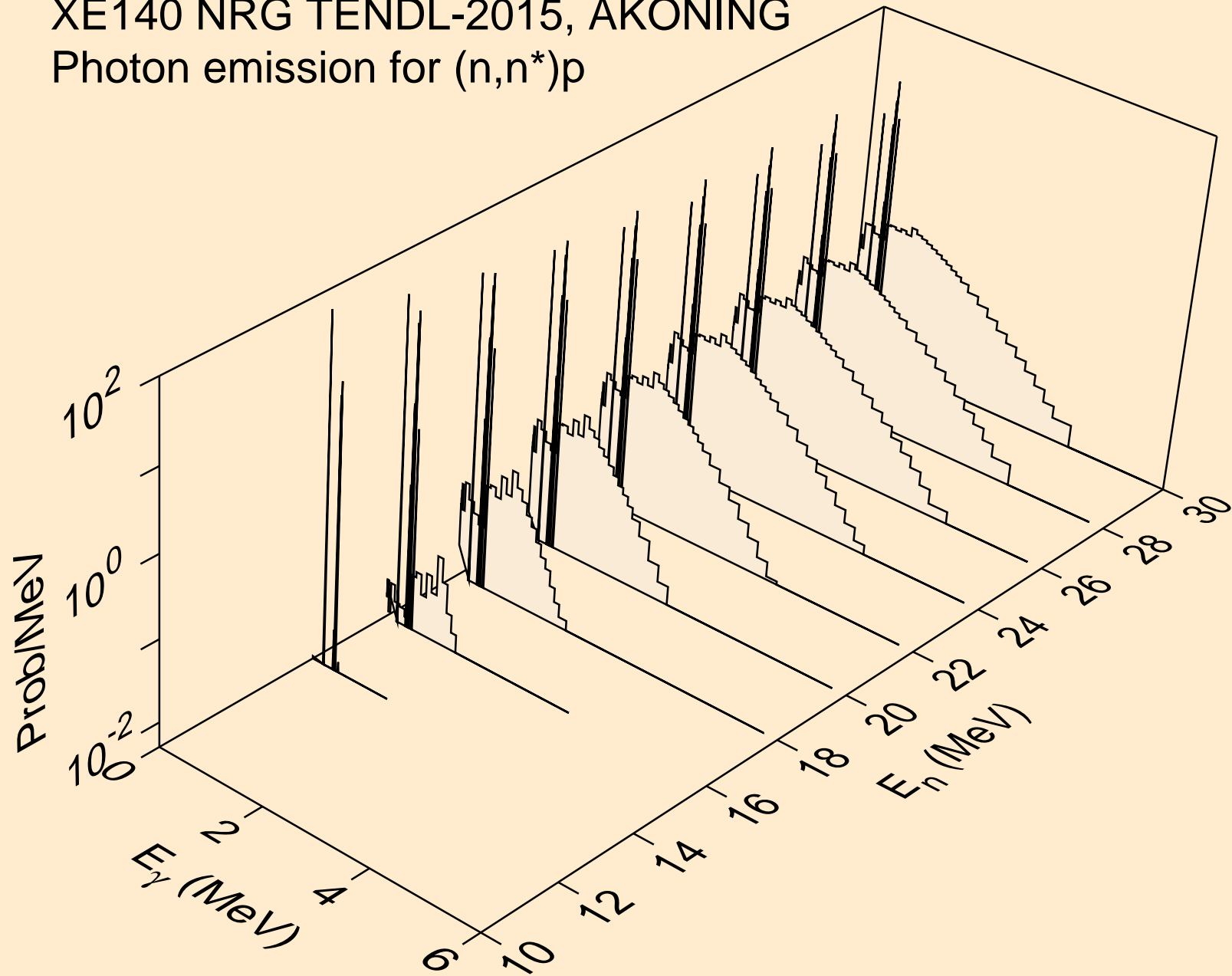
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



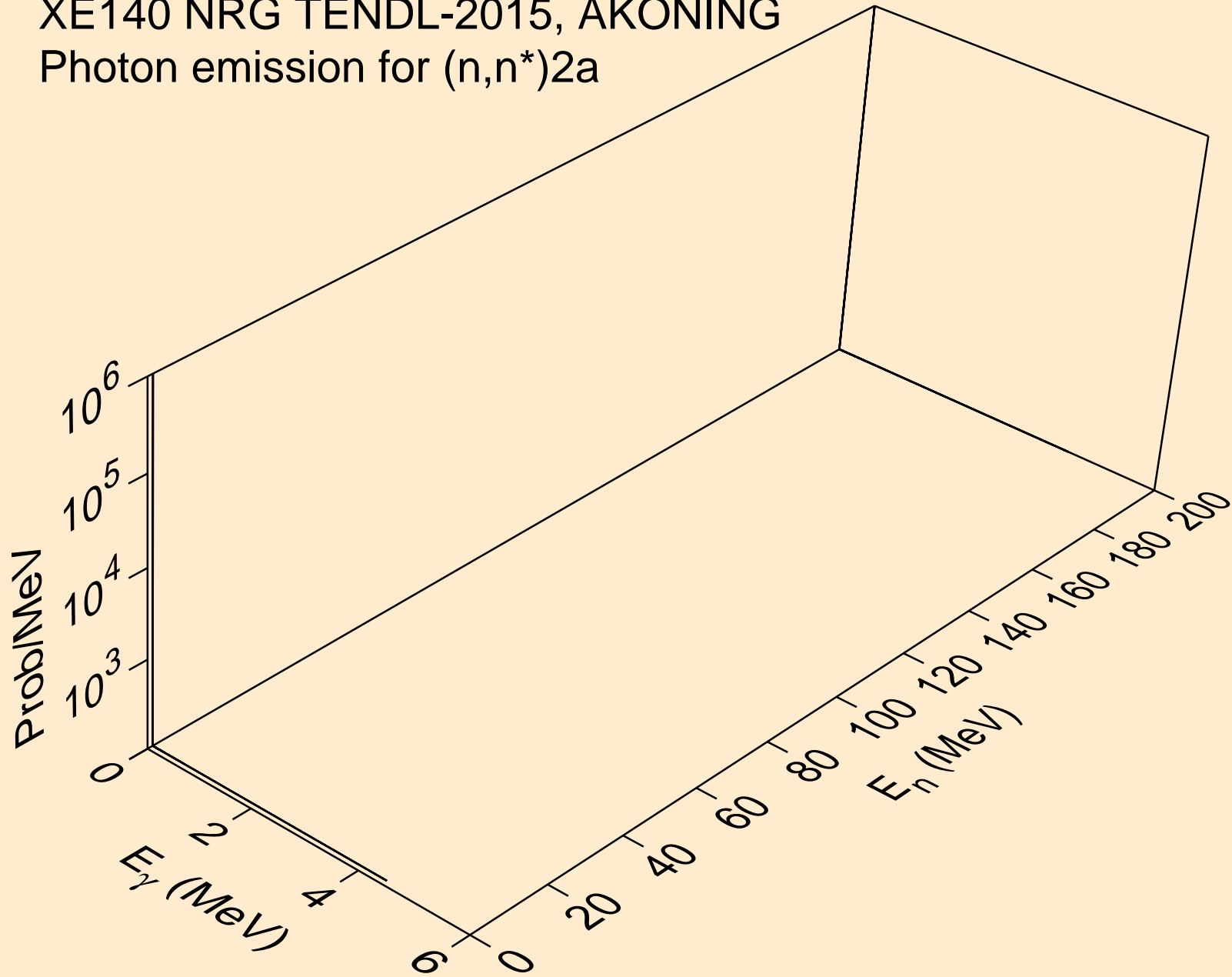
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



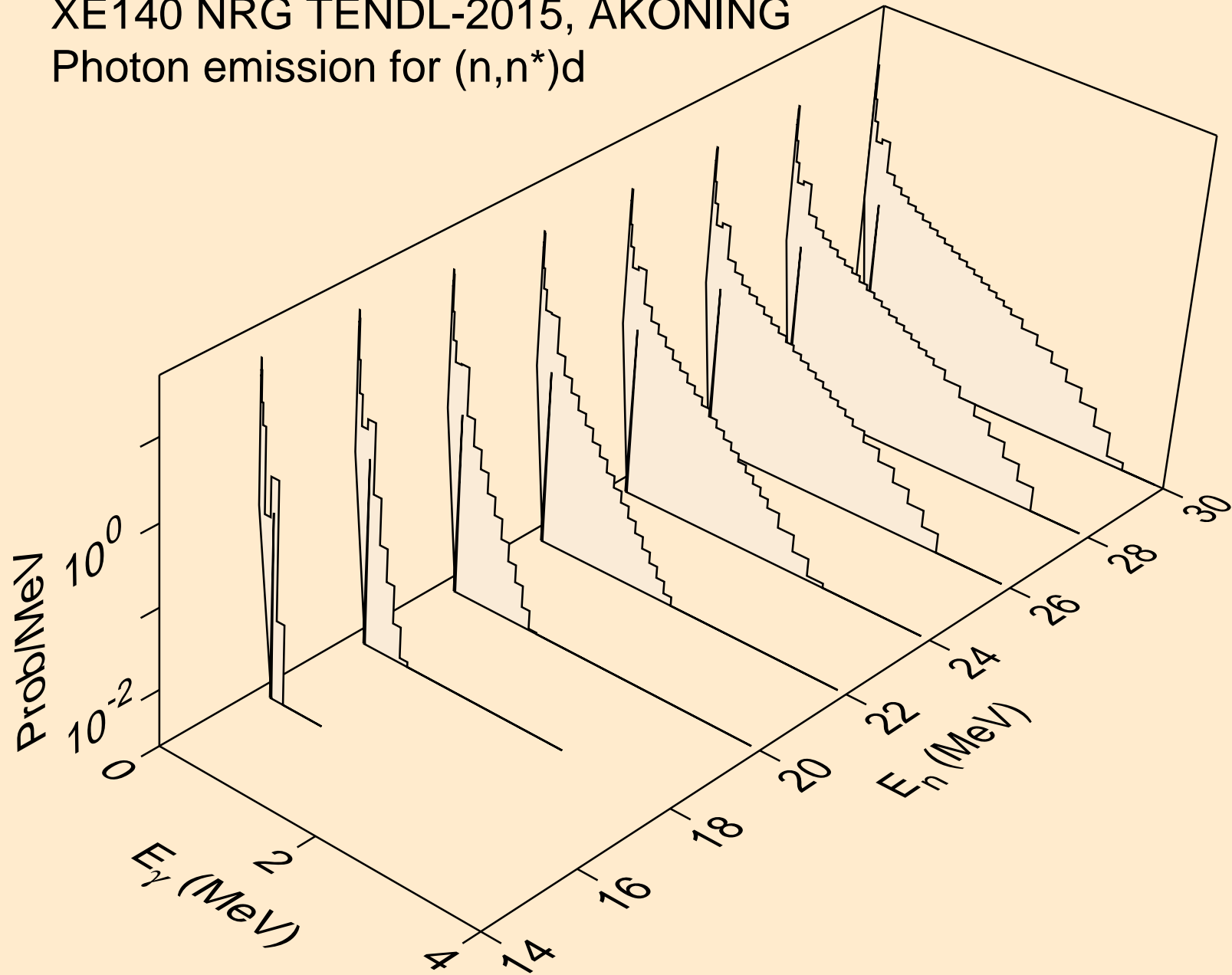
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

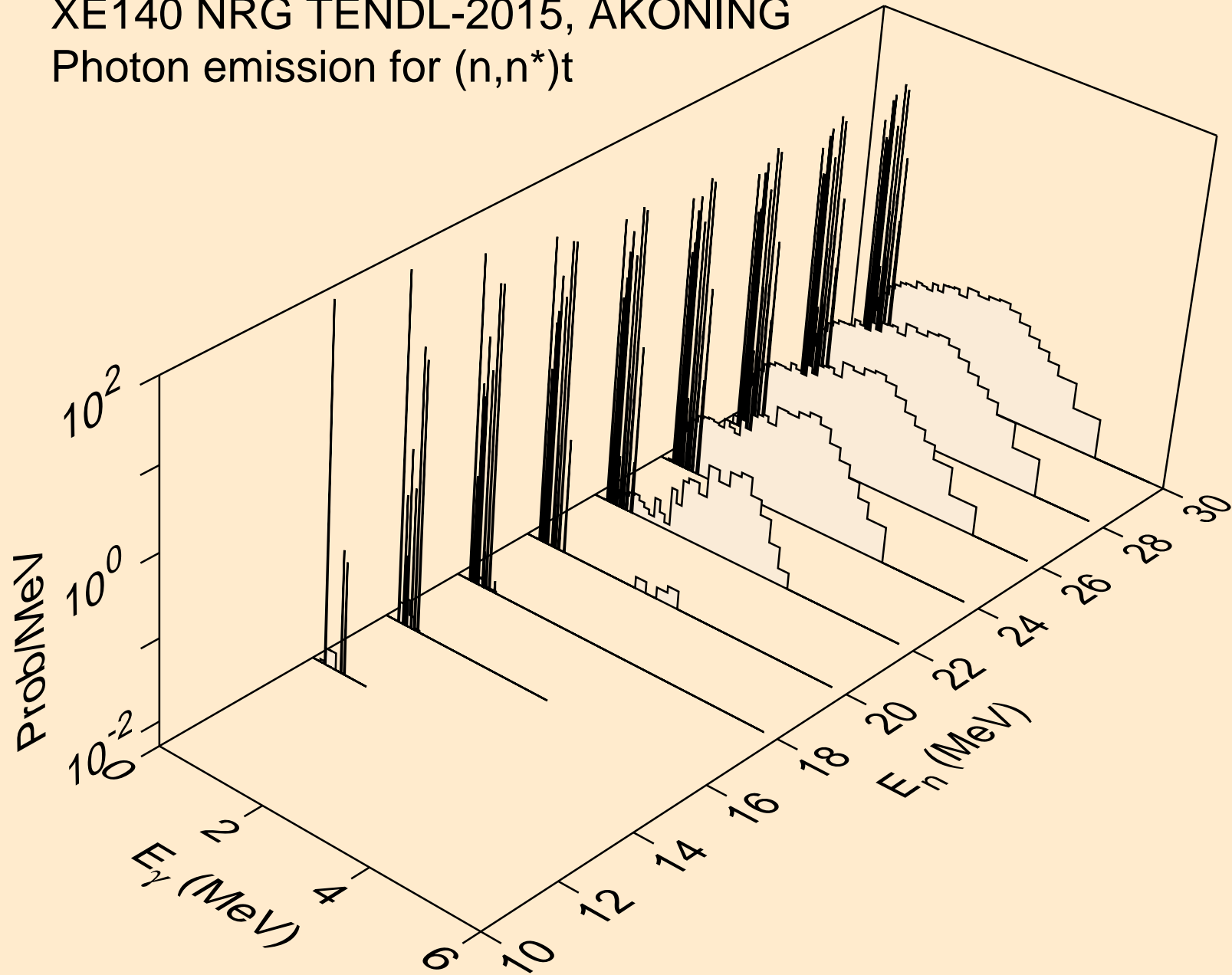


XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

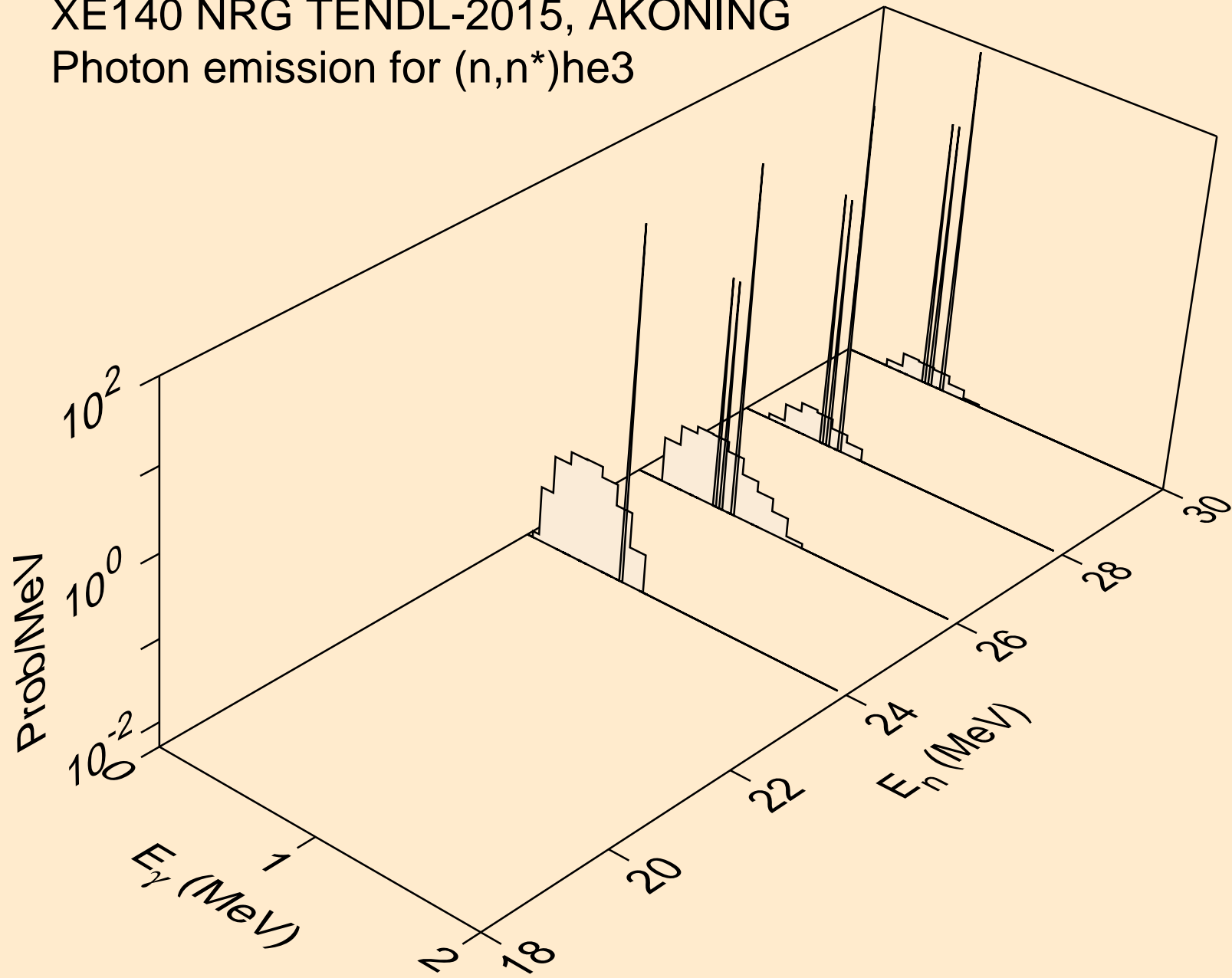




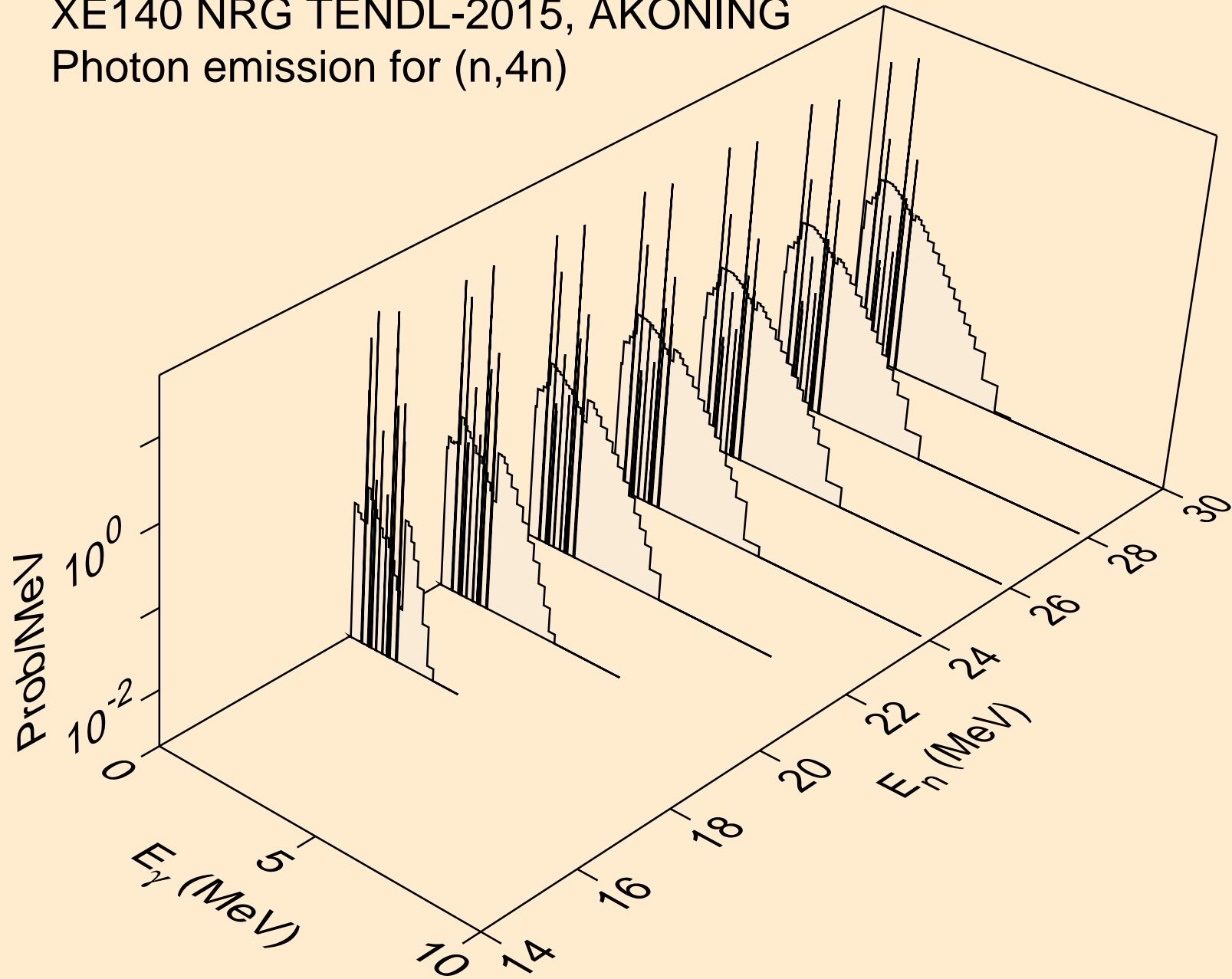
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



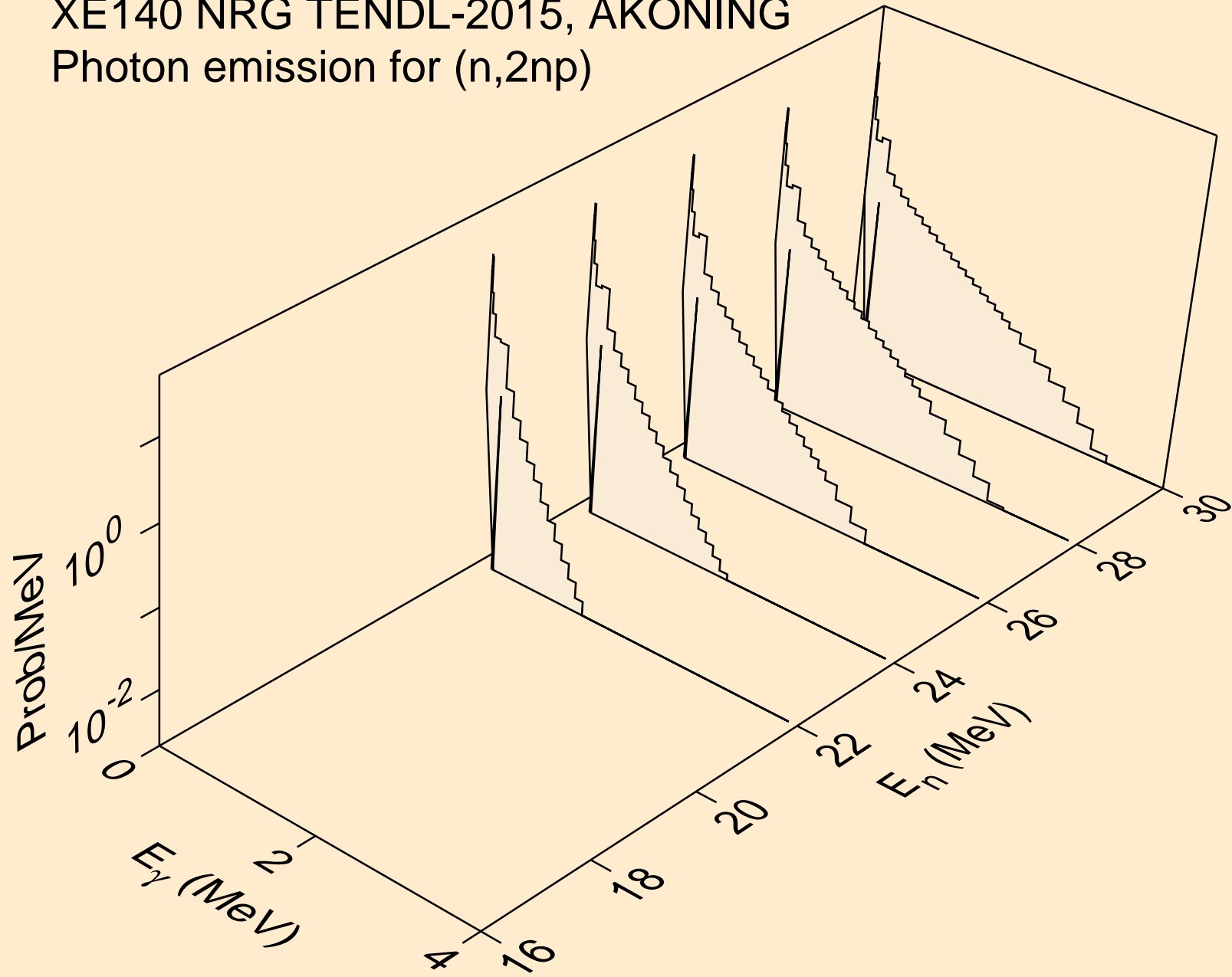
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



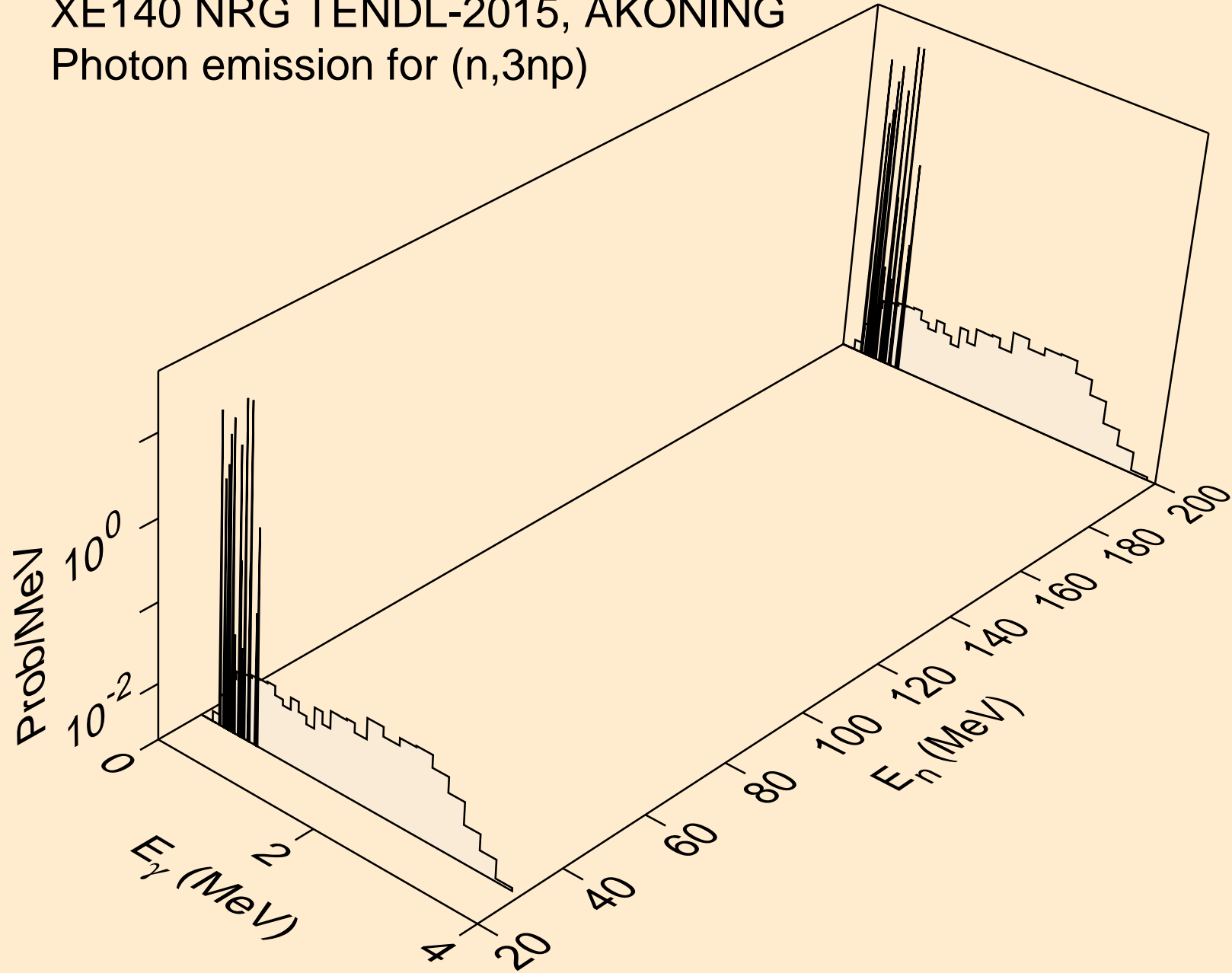
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



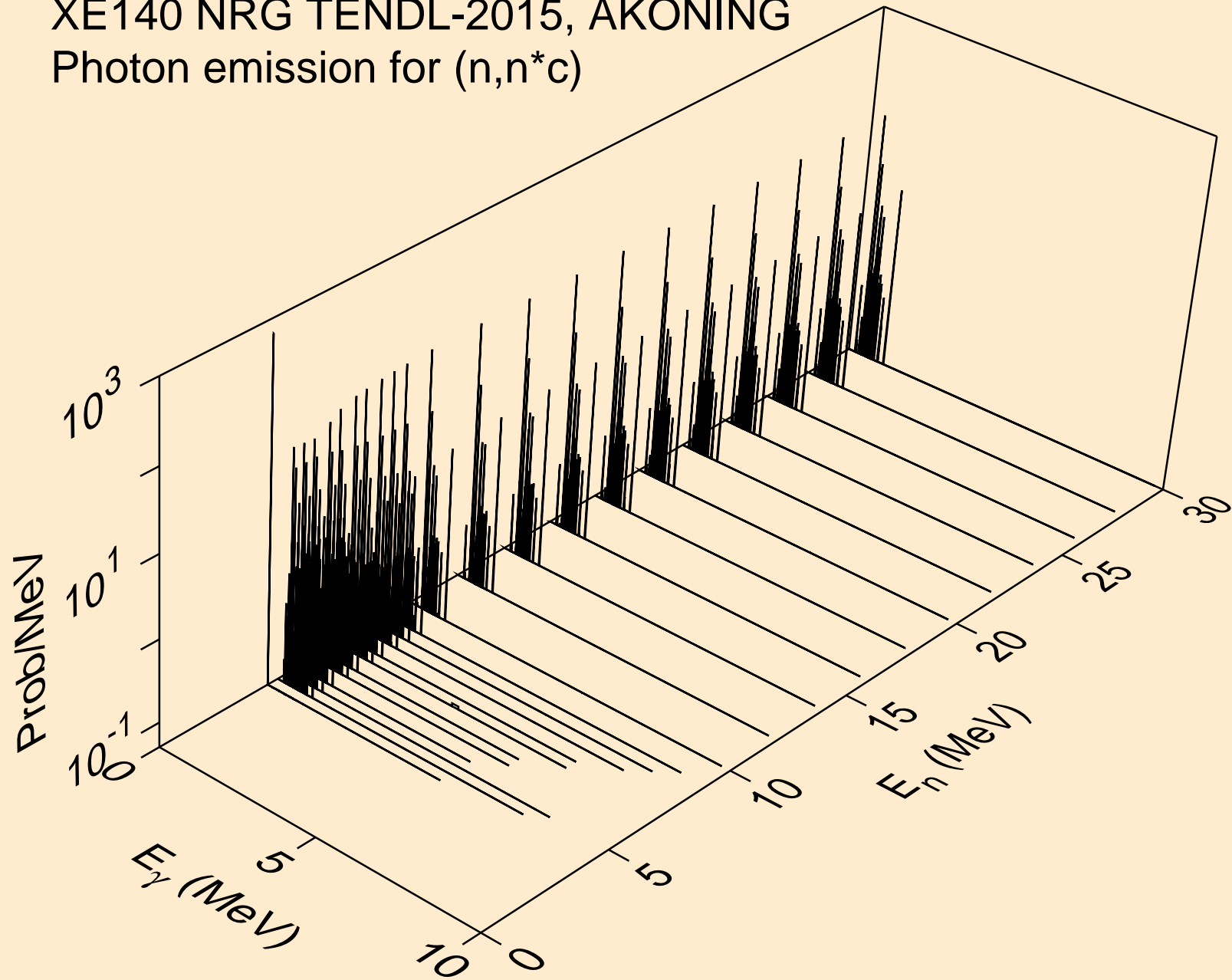
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



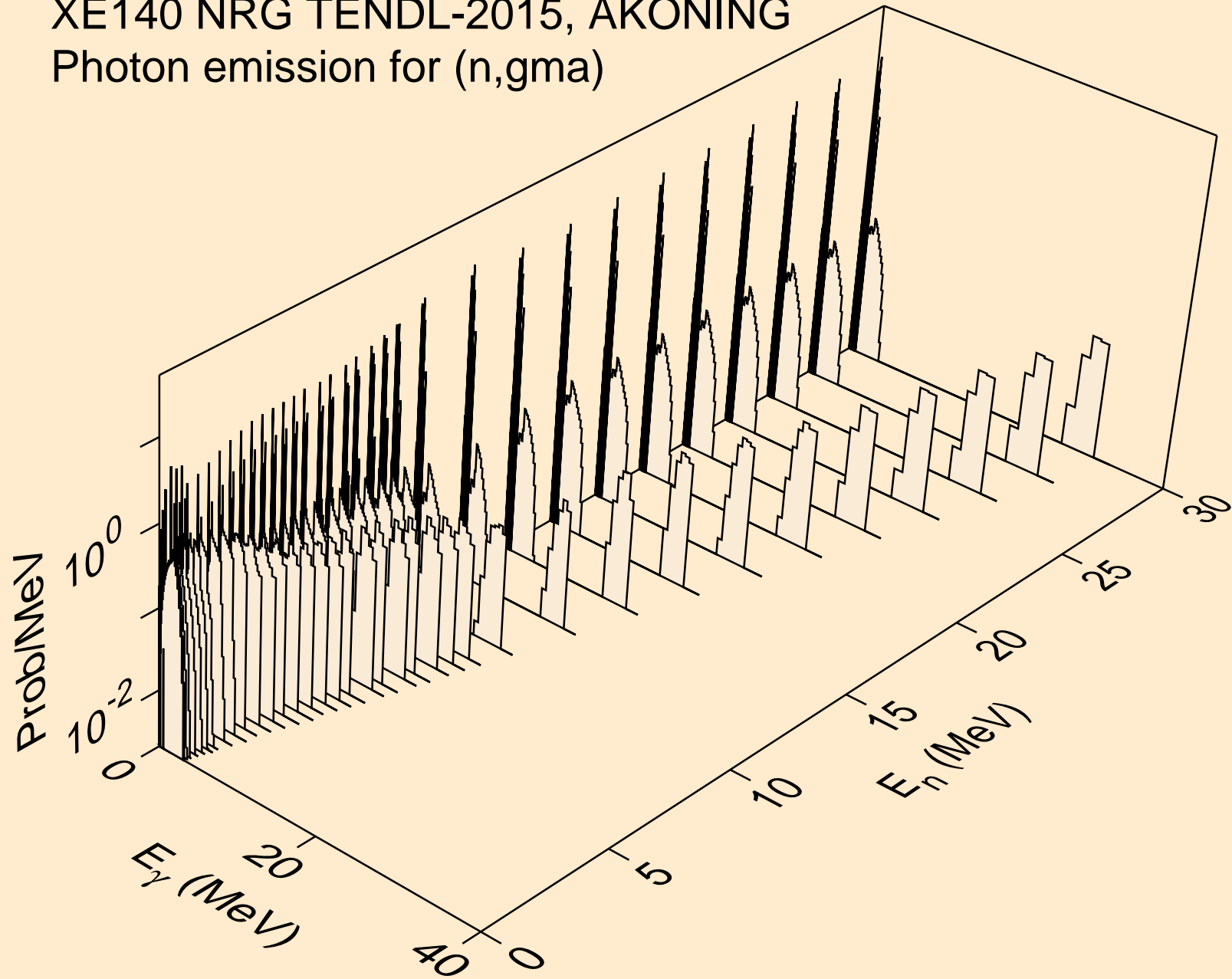
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



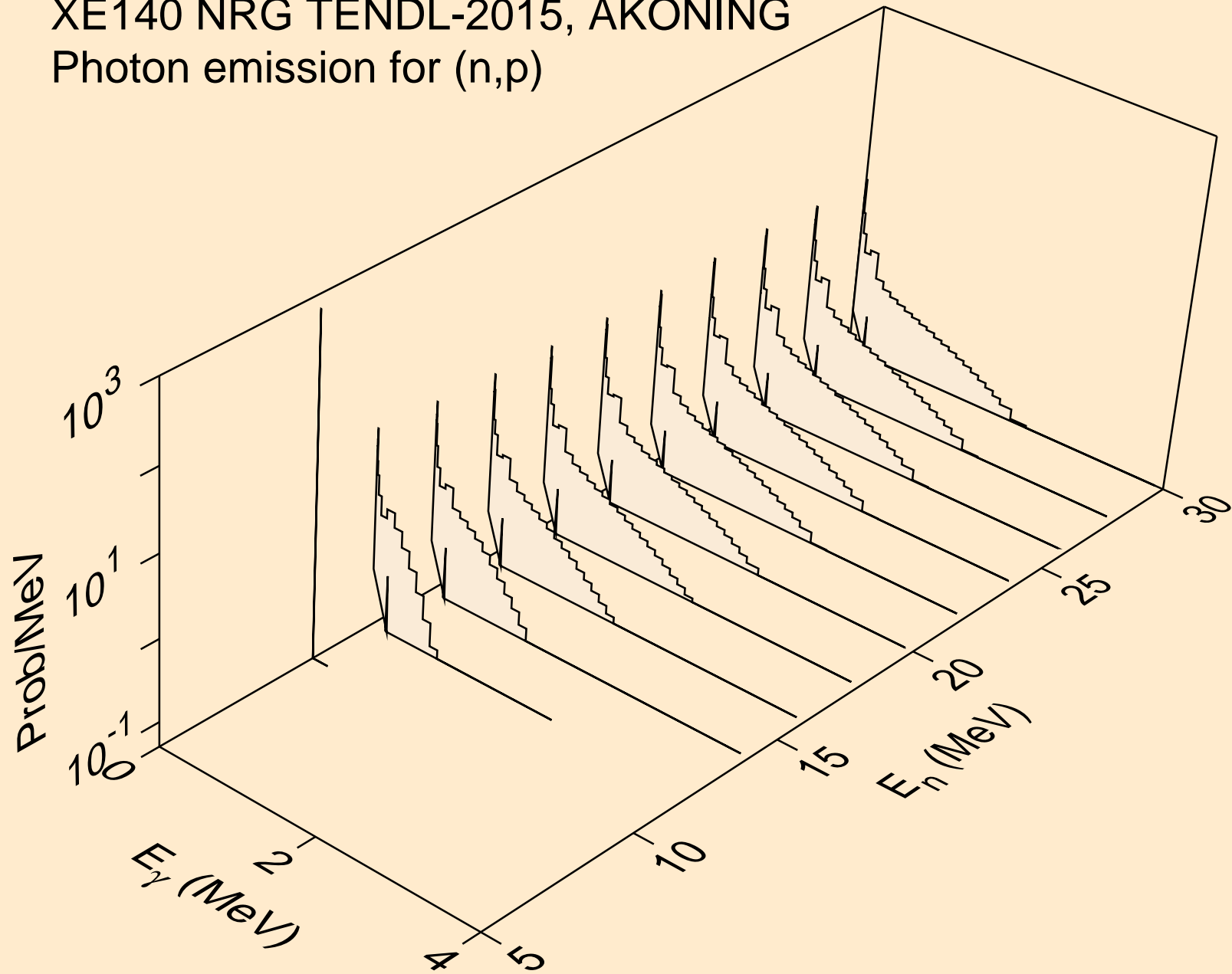
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

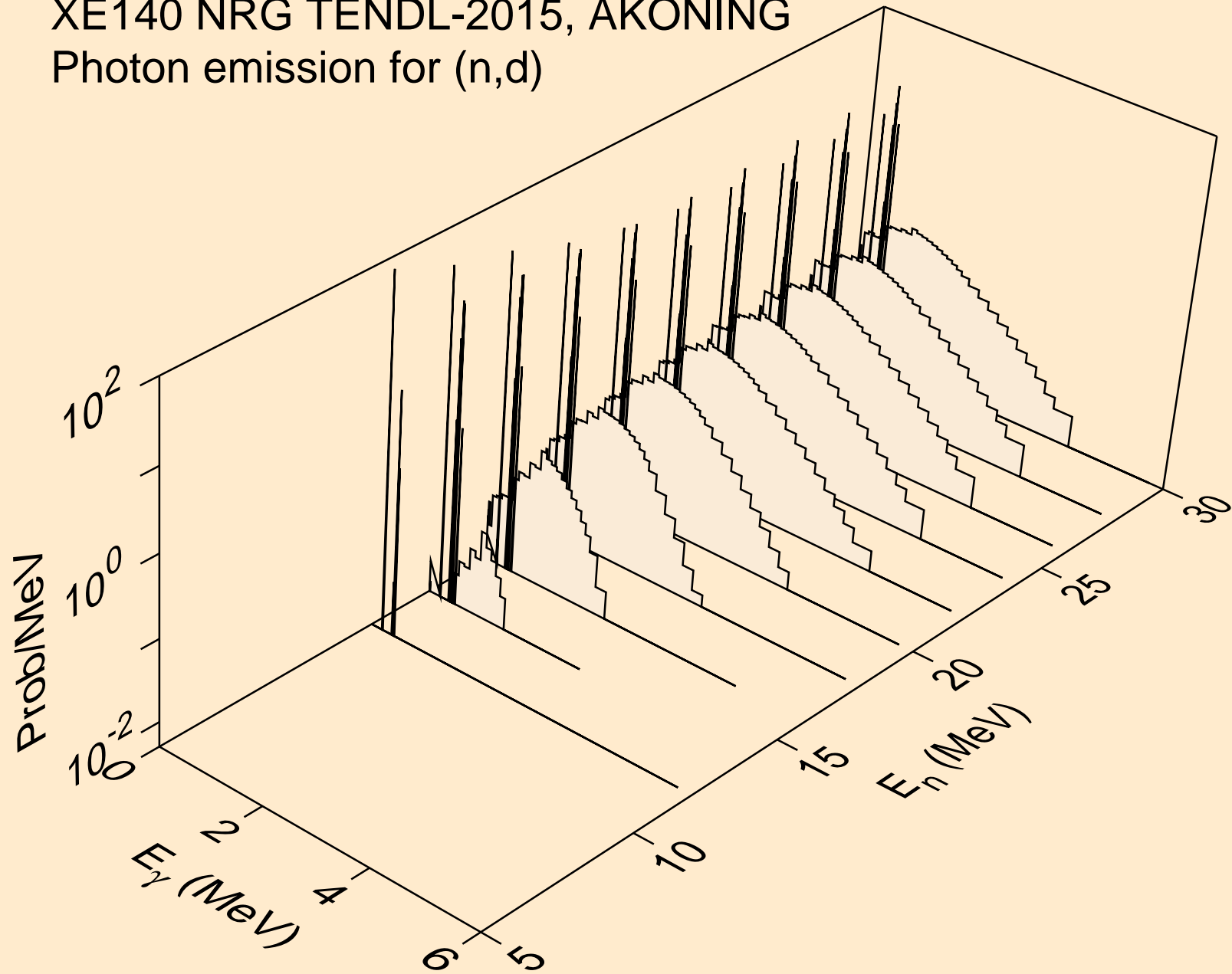


XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

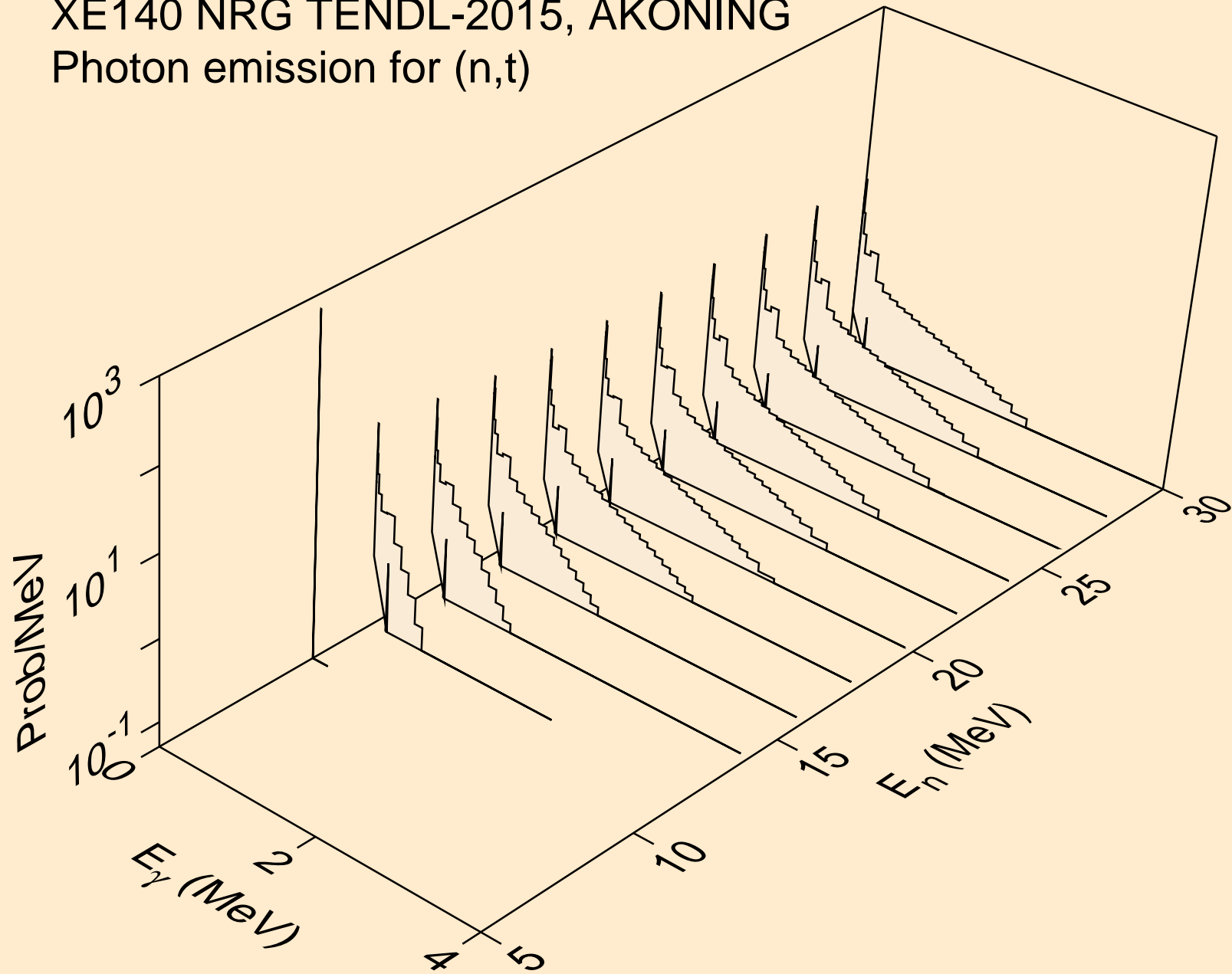




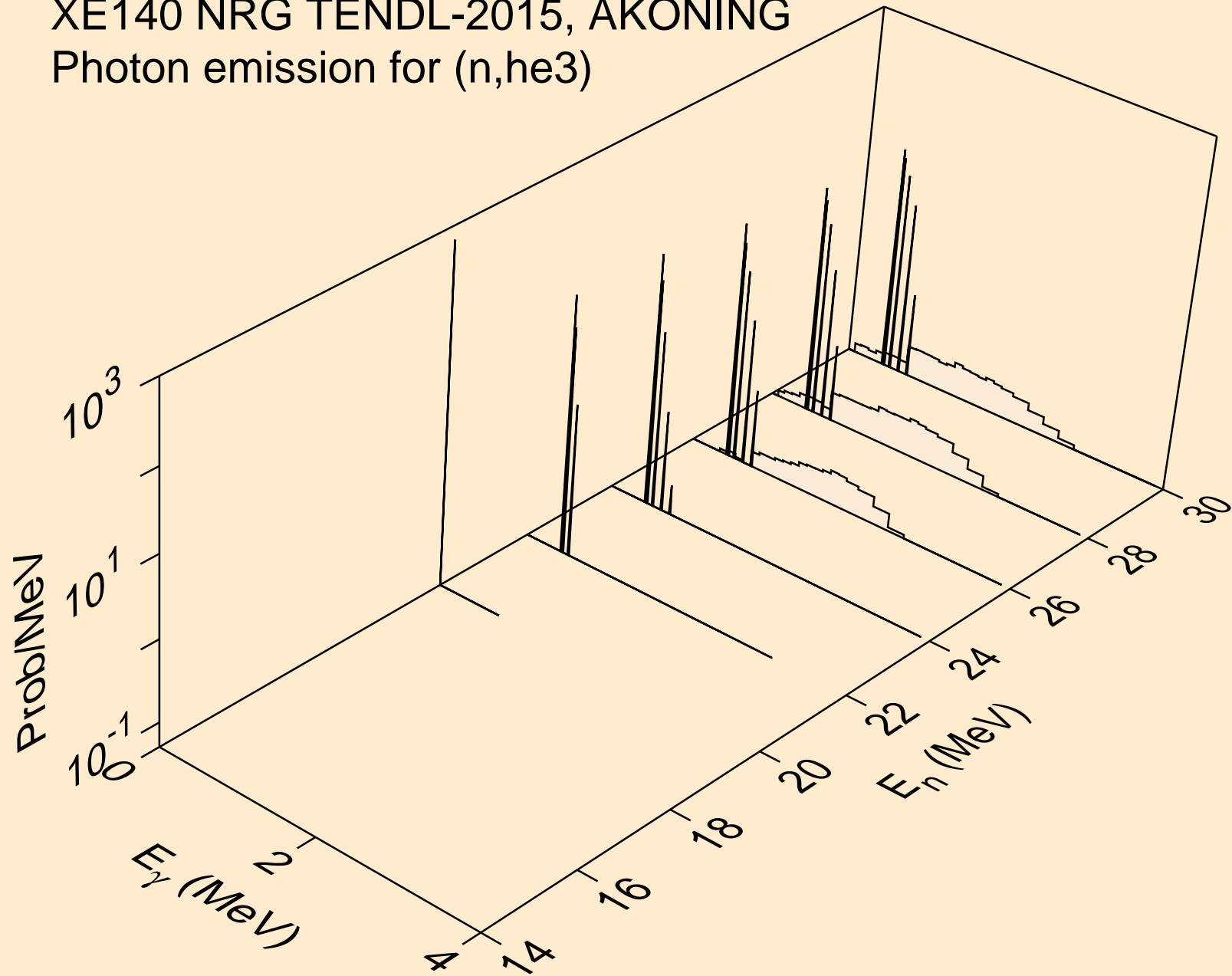
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



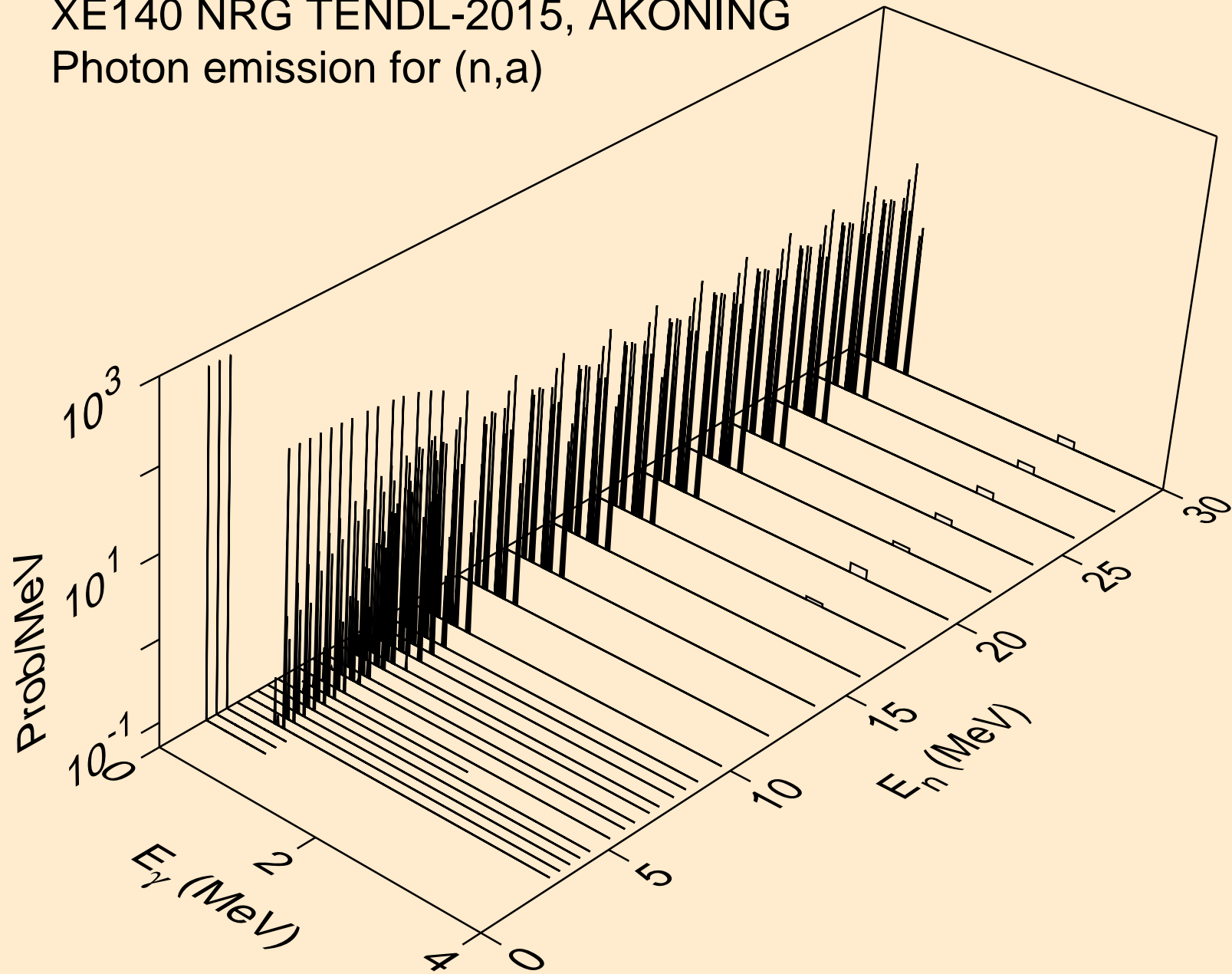
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



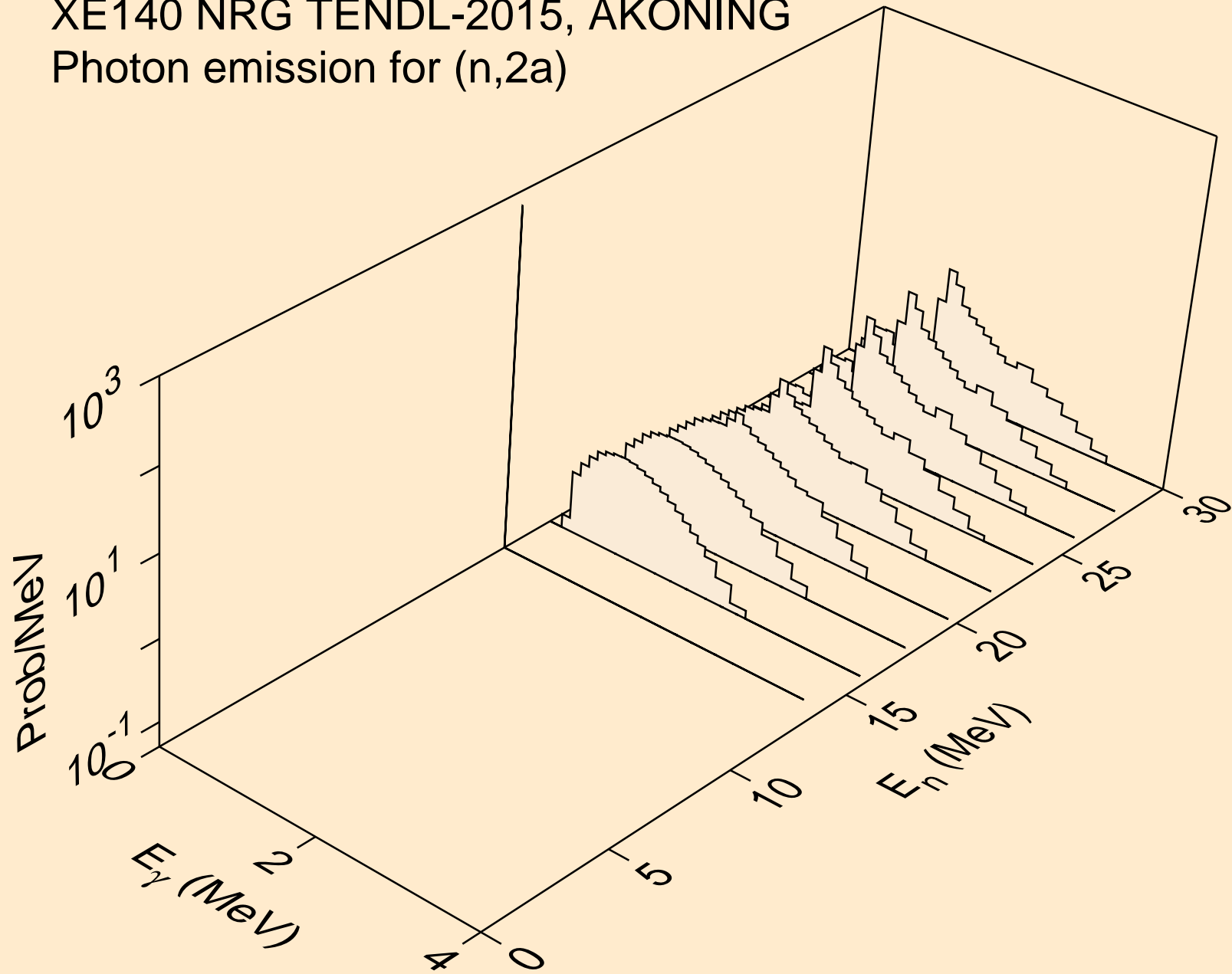
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



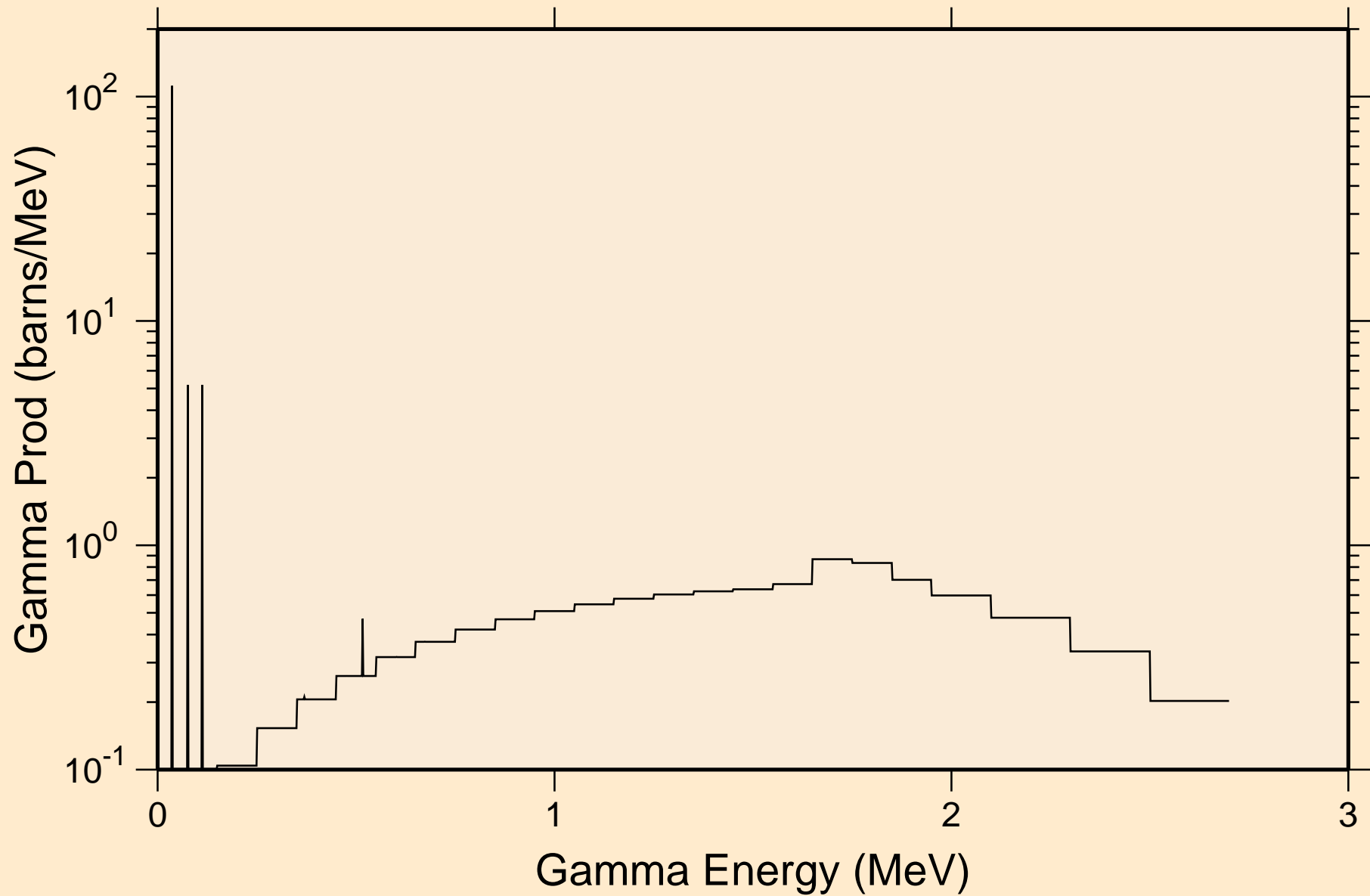
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



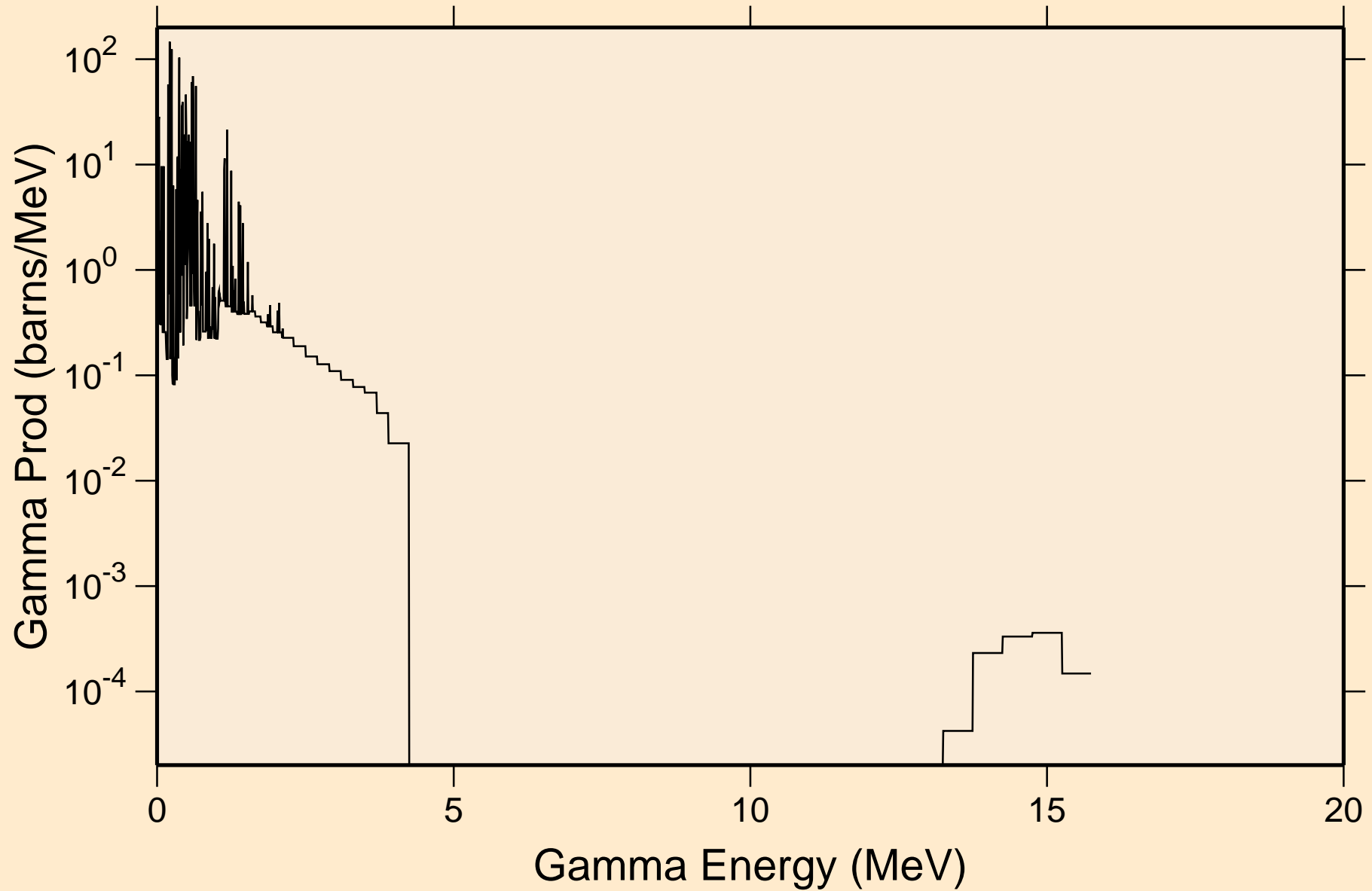
XE140 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



XE140 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

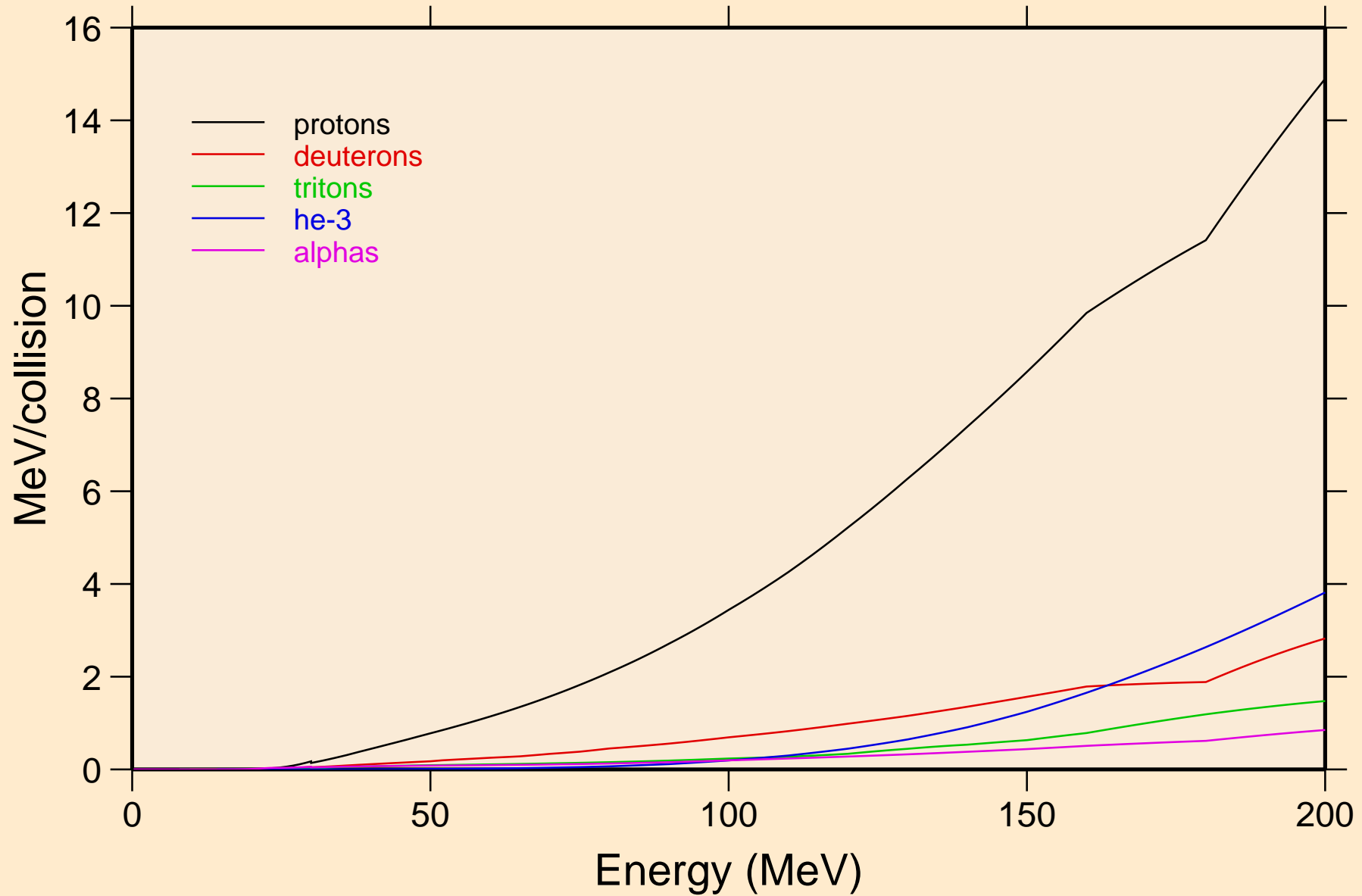


XE140 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# XE140 NRG TENDL-2015, AKONING

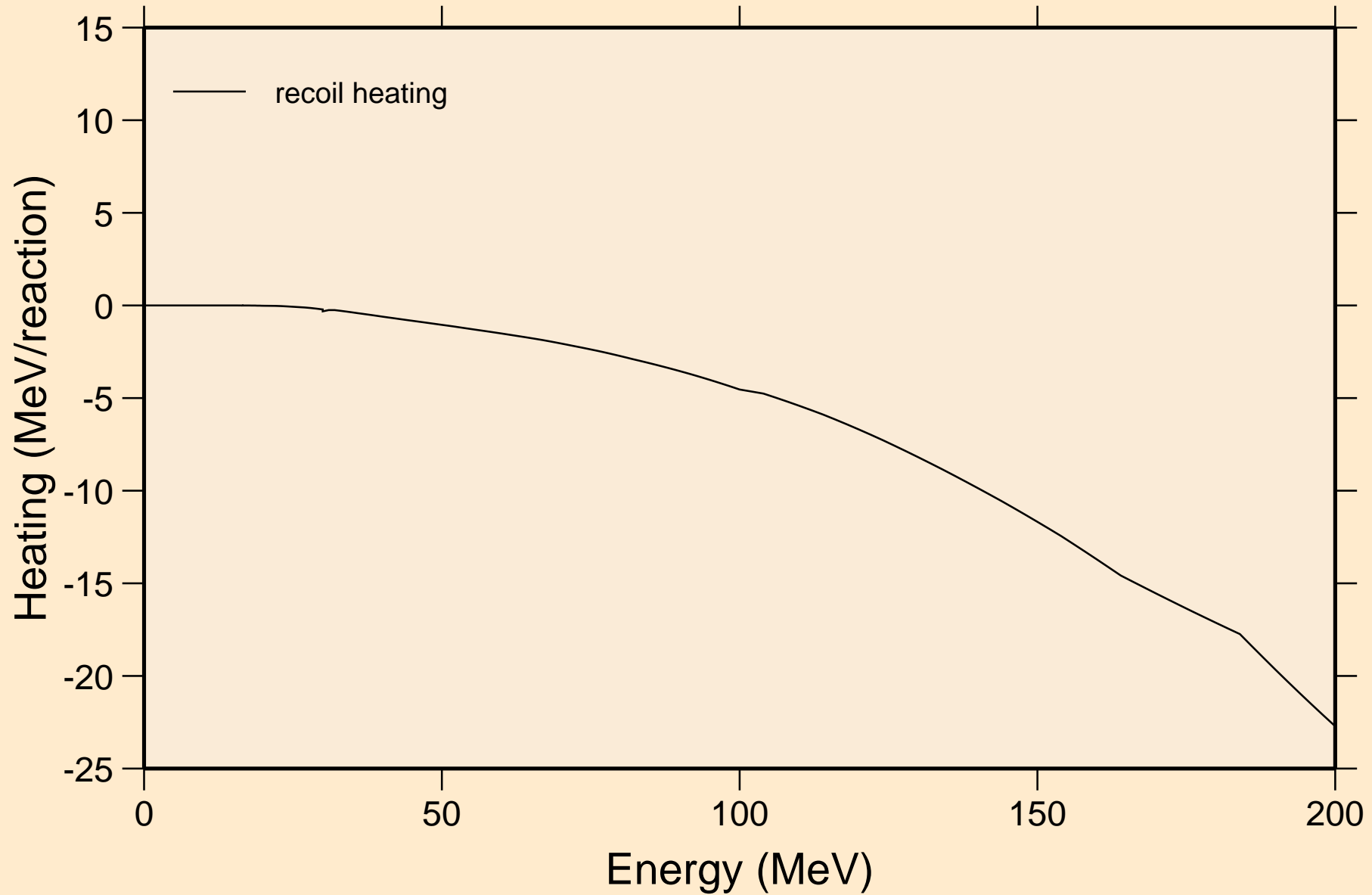
## Particle heating contributions





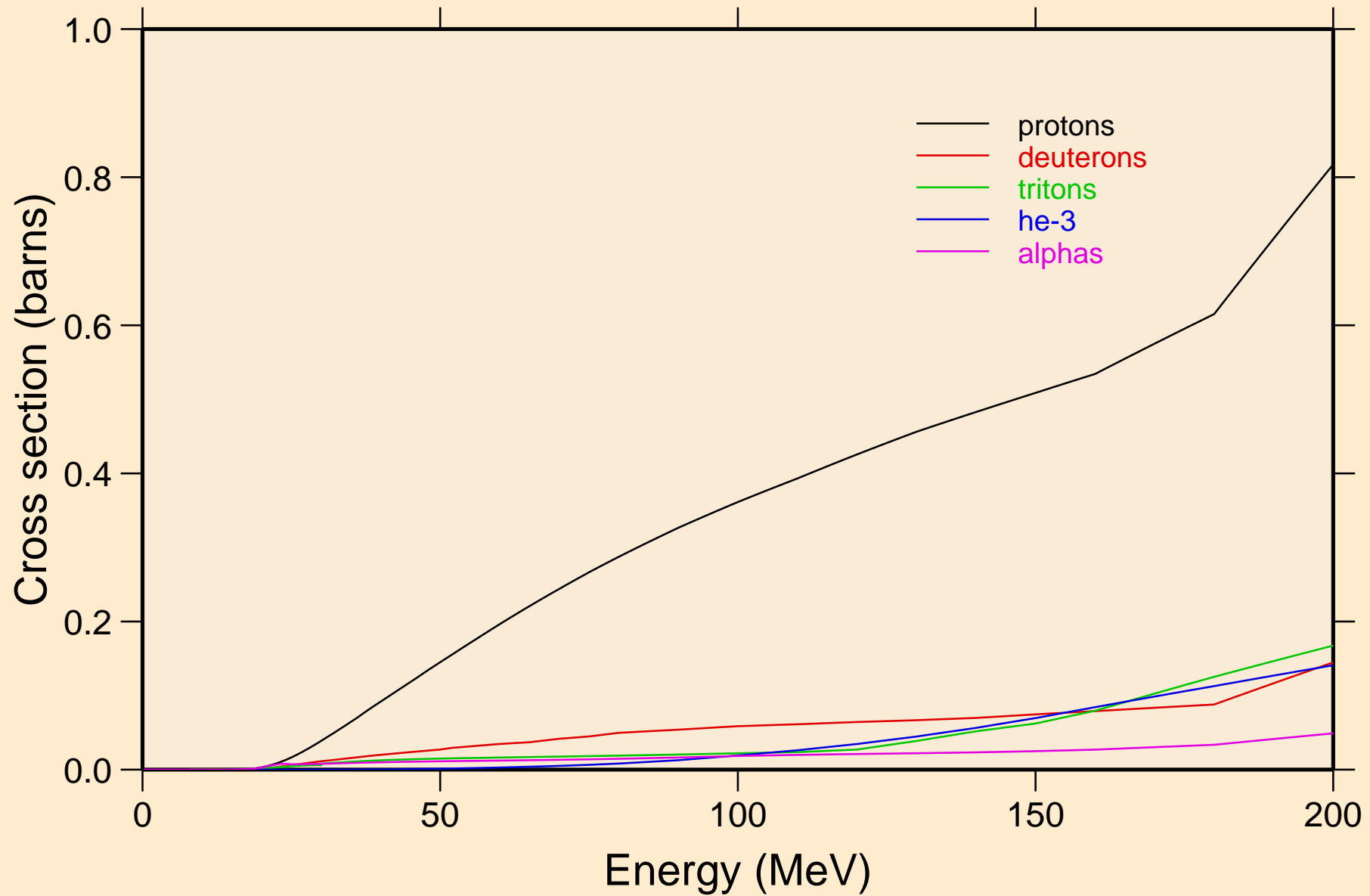
# XE140 NRG TENDL-2015, AKONING

## Recoil Heating

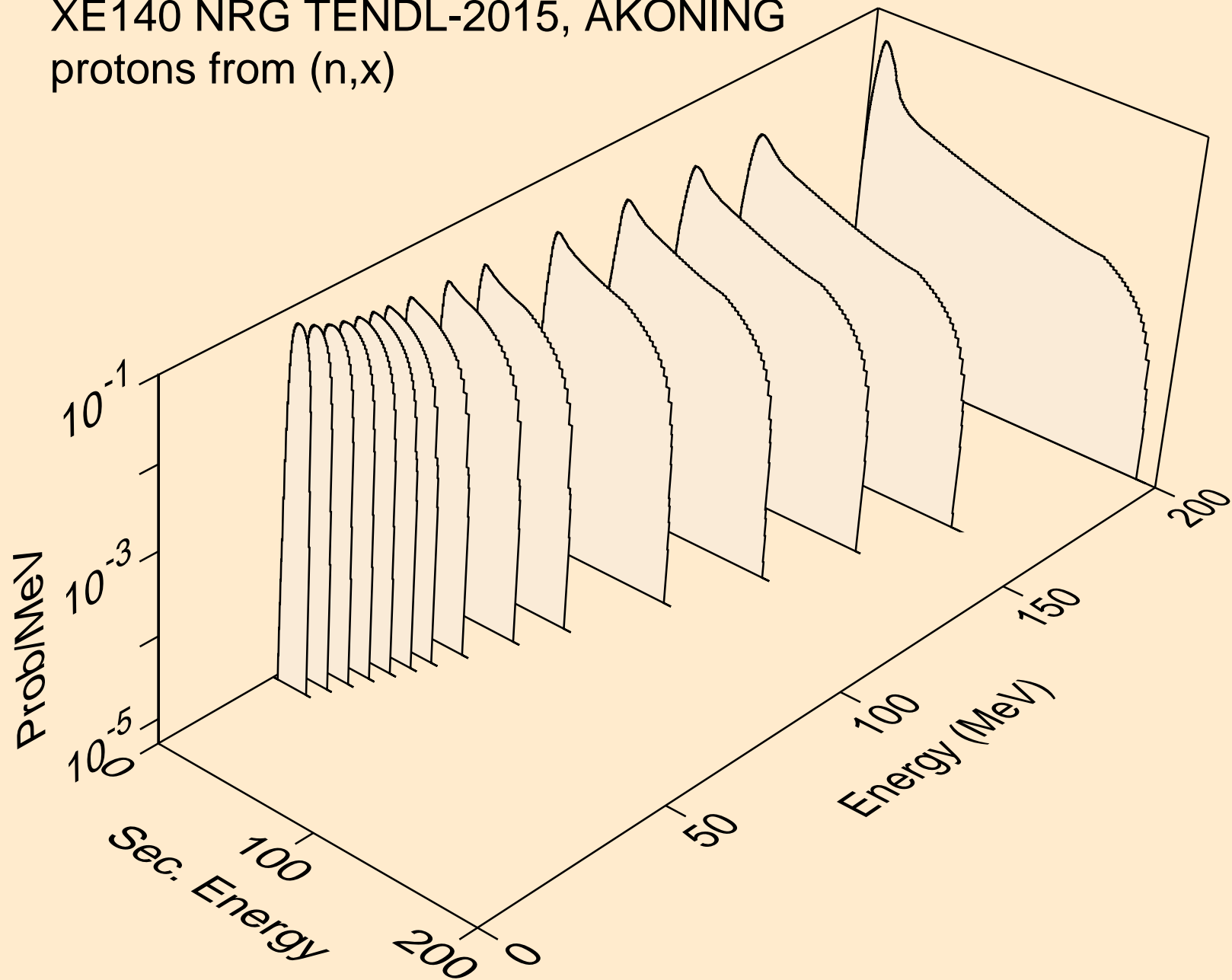


# XE140 NRG TENDL-2015, AKONING

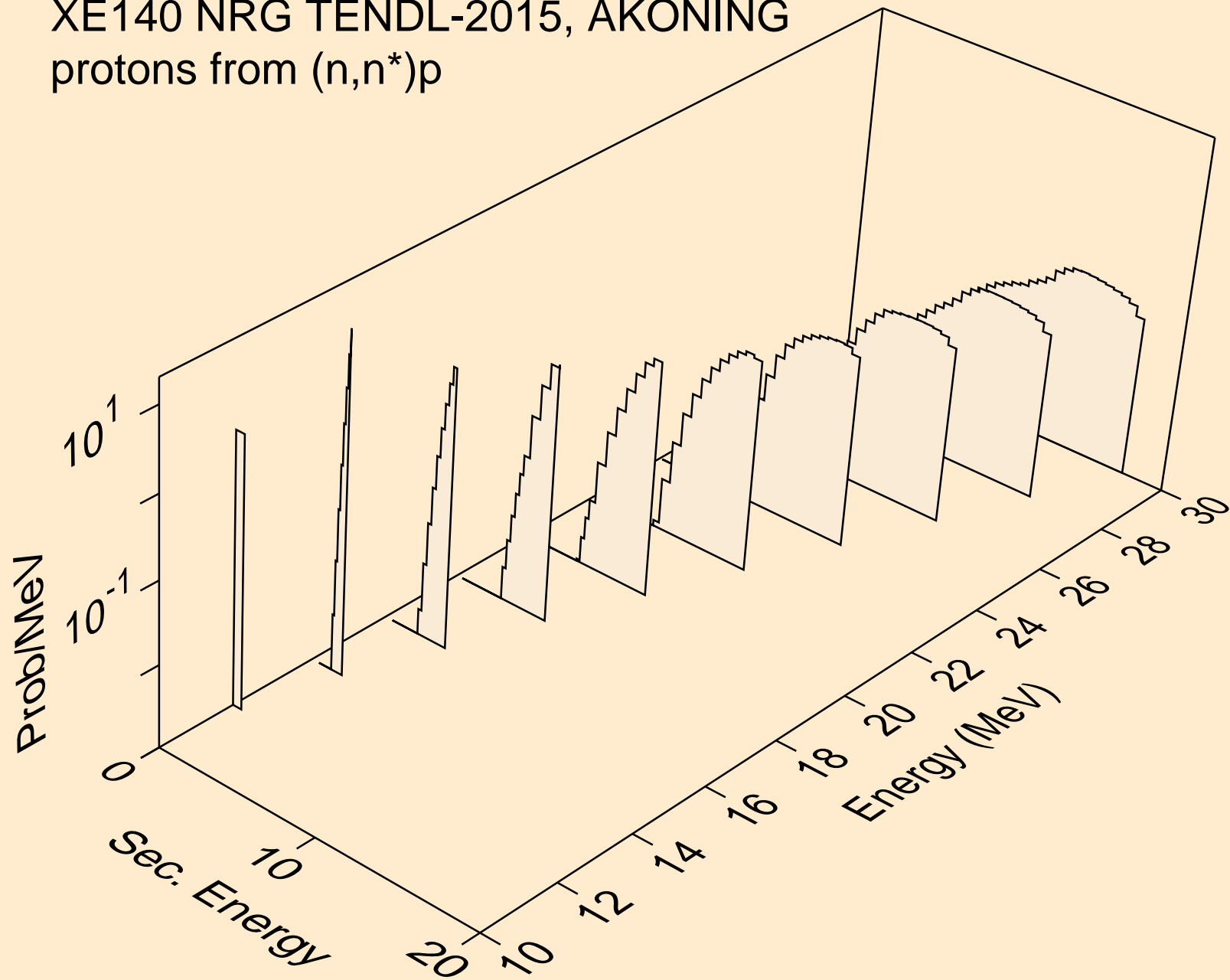
## Particle production cross sections



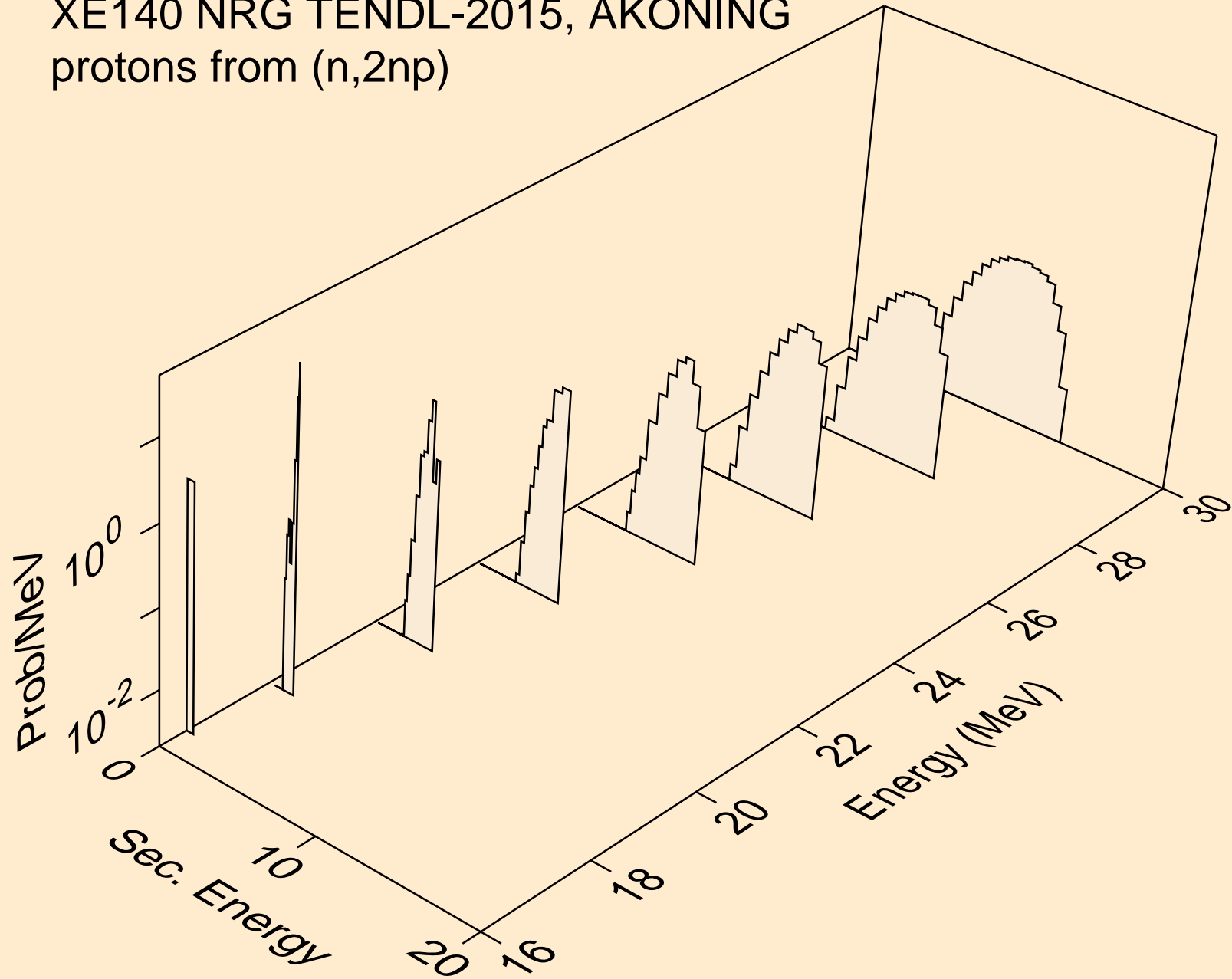
XE140 NRG TENDL-2015, AKONING  
protons from (n,x)



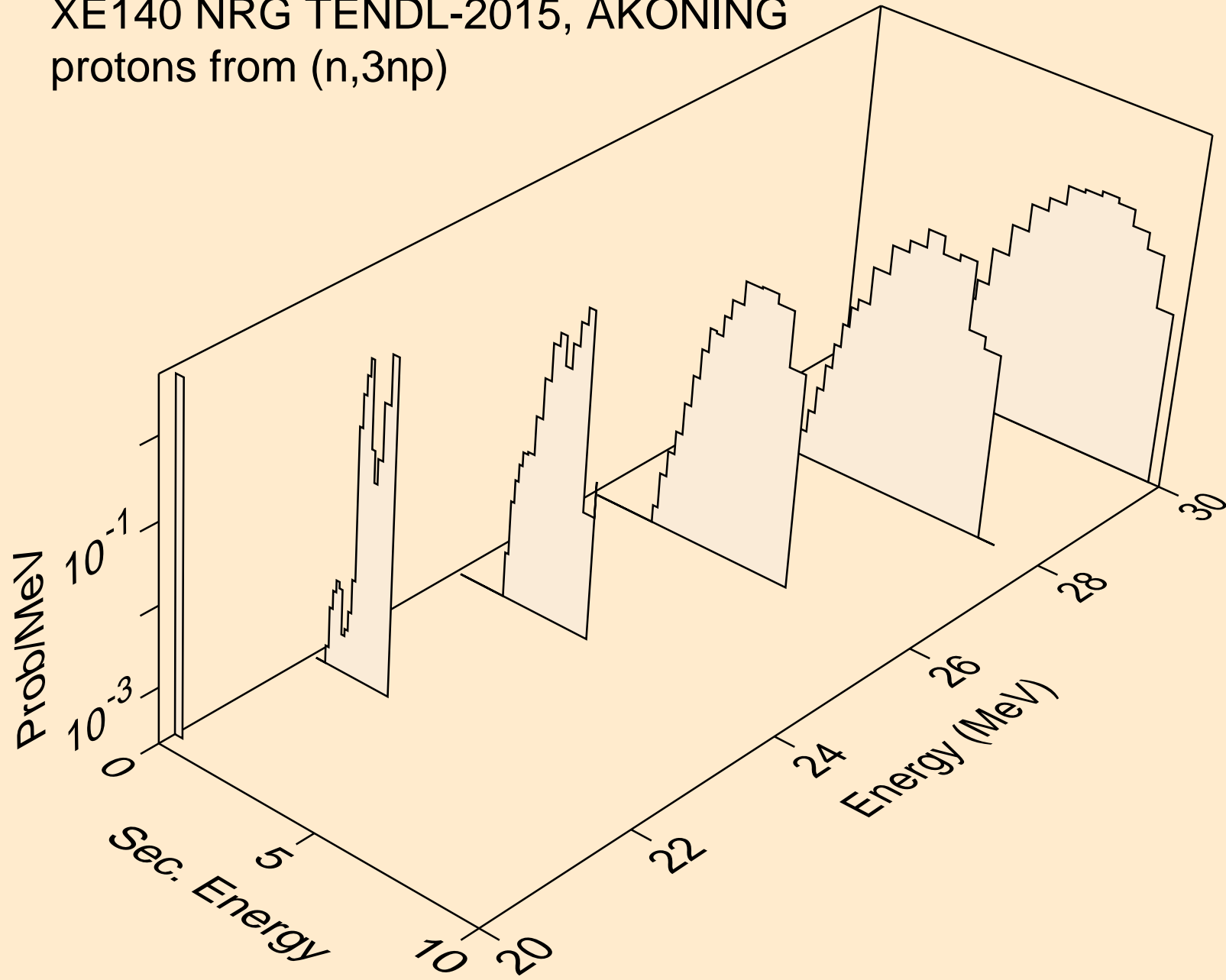
XE140 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



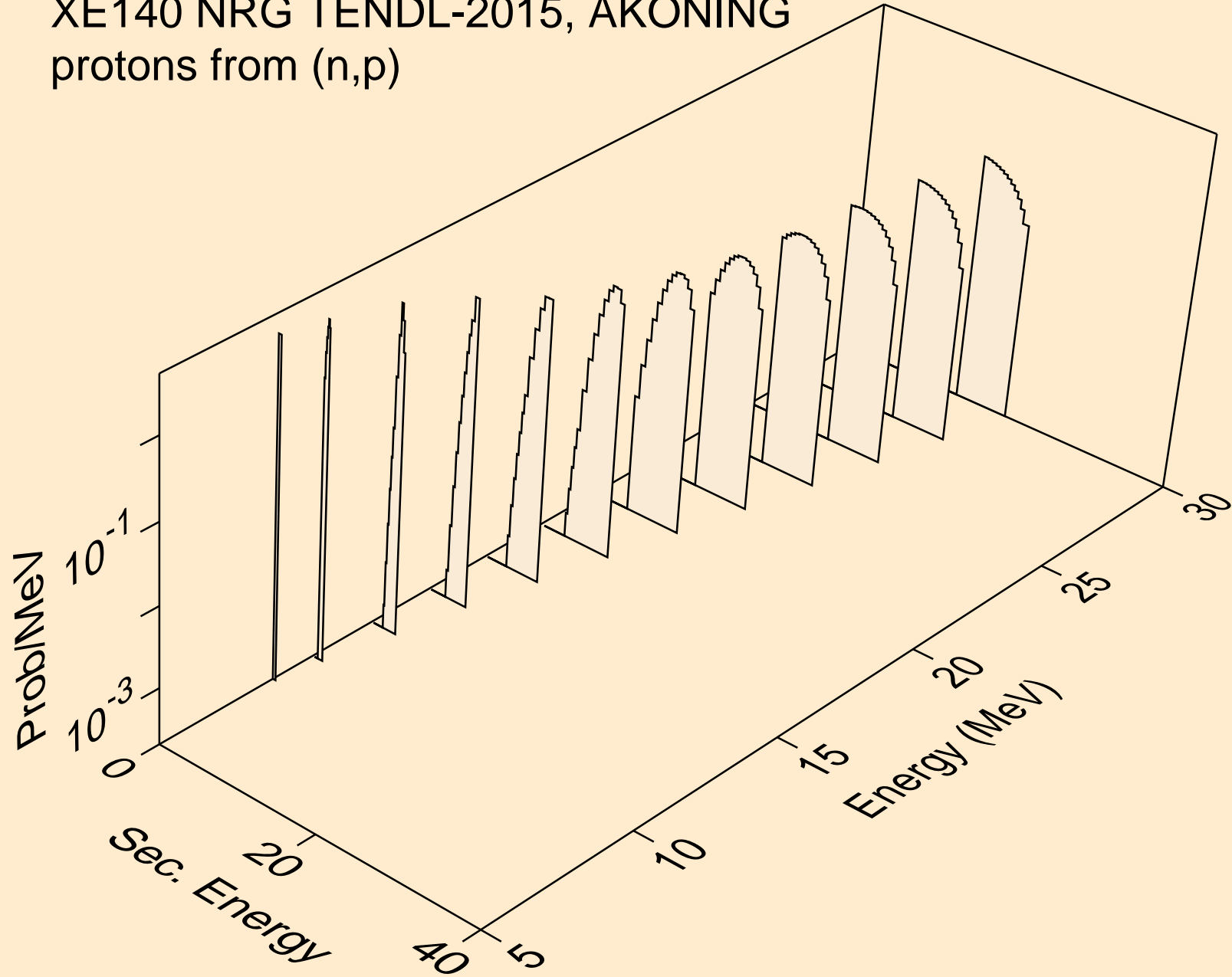
XE140 NRG TENDL-2015, AKONING  
protons from (n,2np)



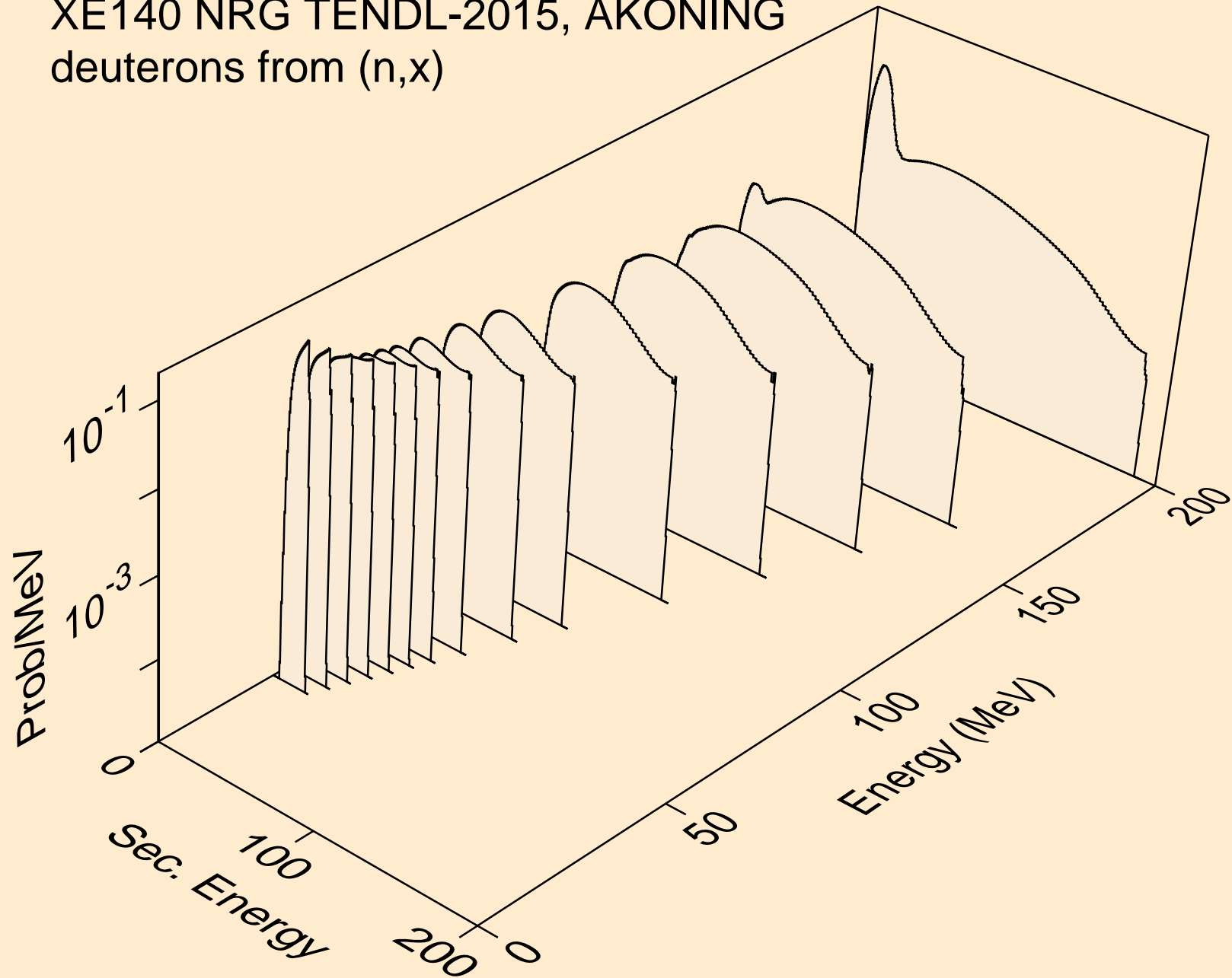
XE140 NRG TENDL-2015, AKONING  
protons from (n,3np)



XE140 NRG TENDL-2015, AKONING  
protons from (n,p)

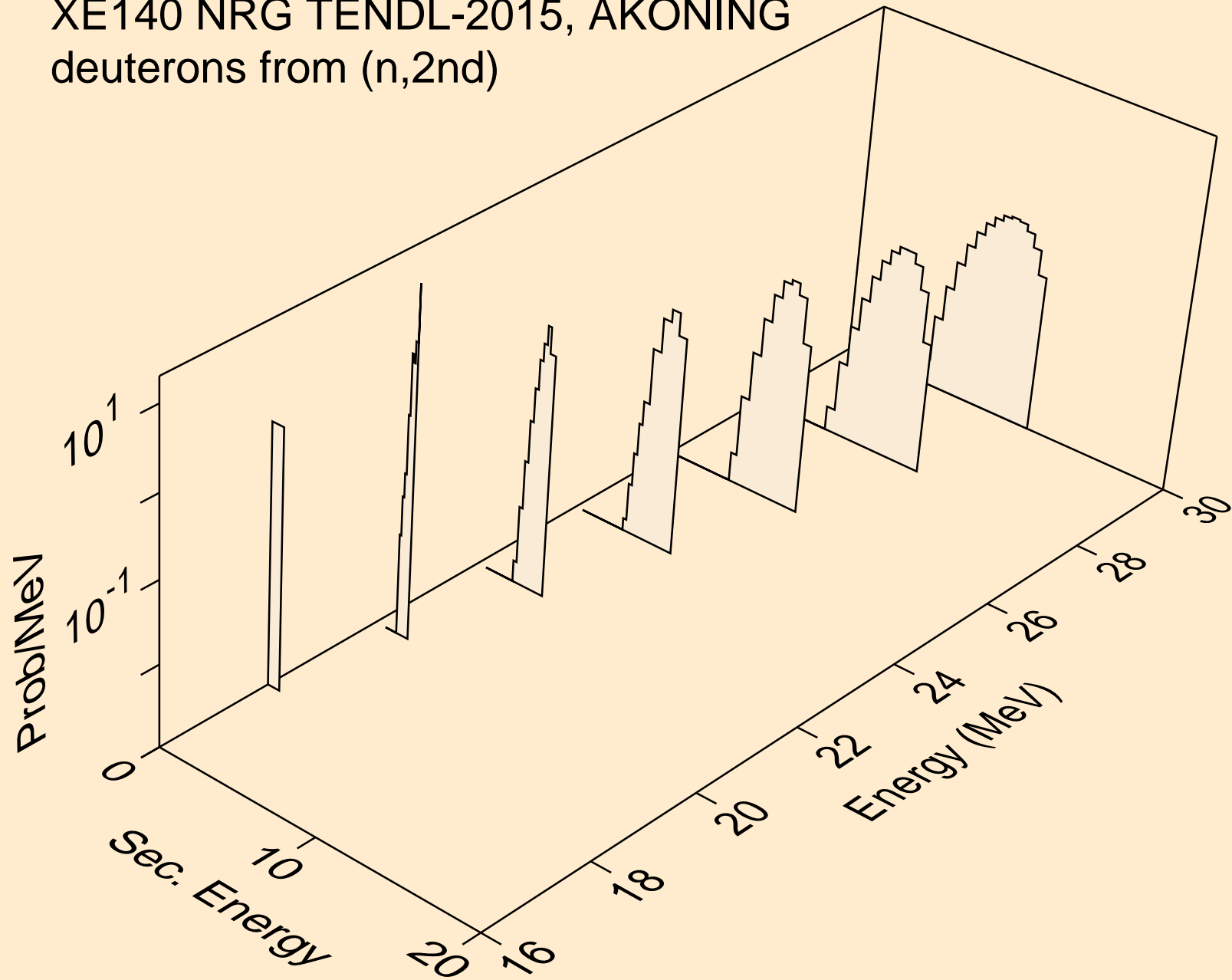


XE140 NRG TENDL-2015, AKONING  
deuterons from (n,x)

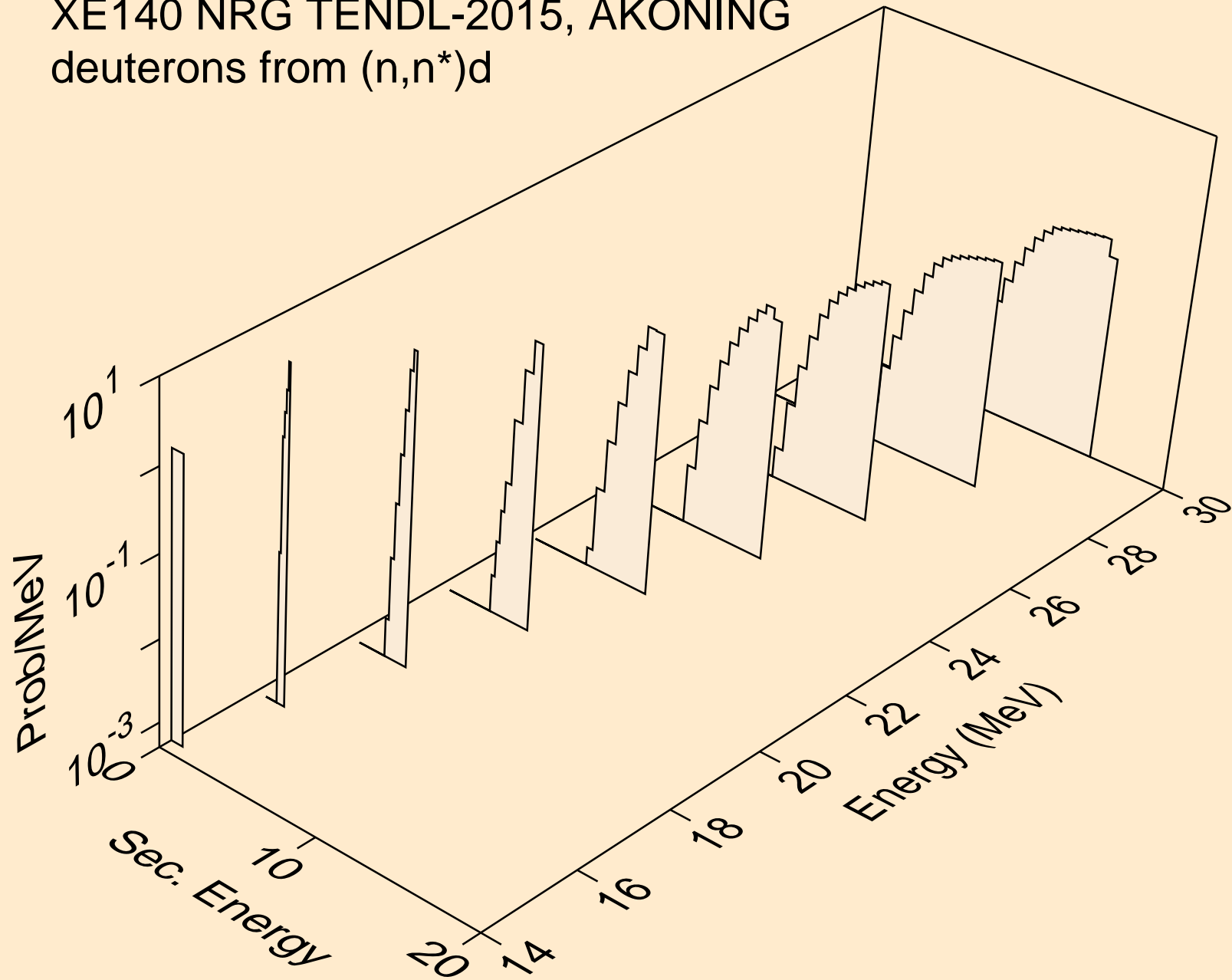




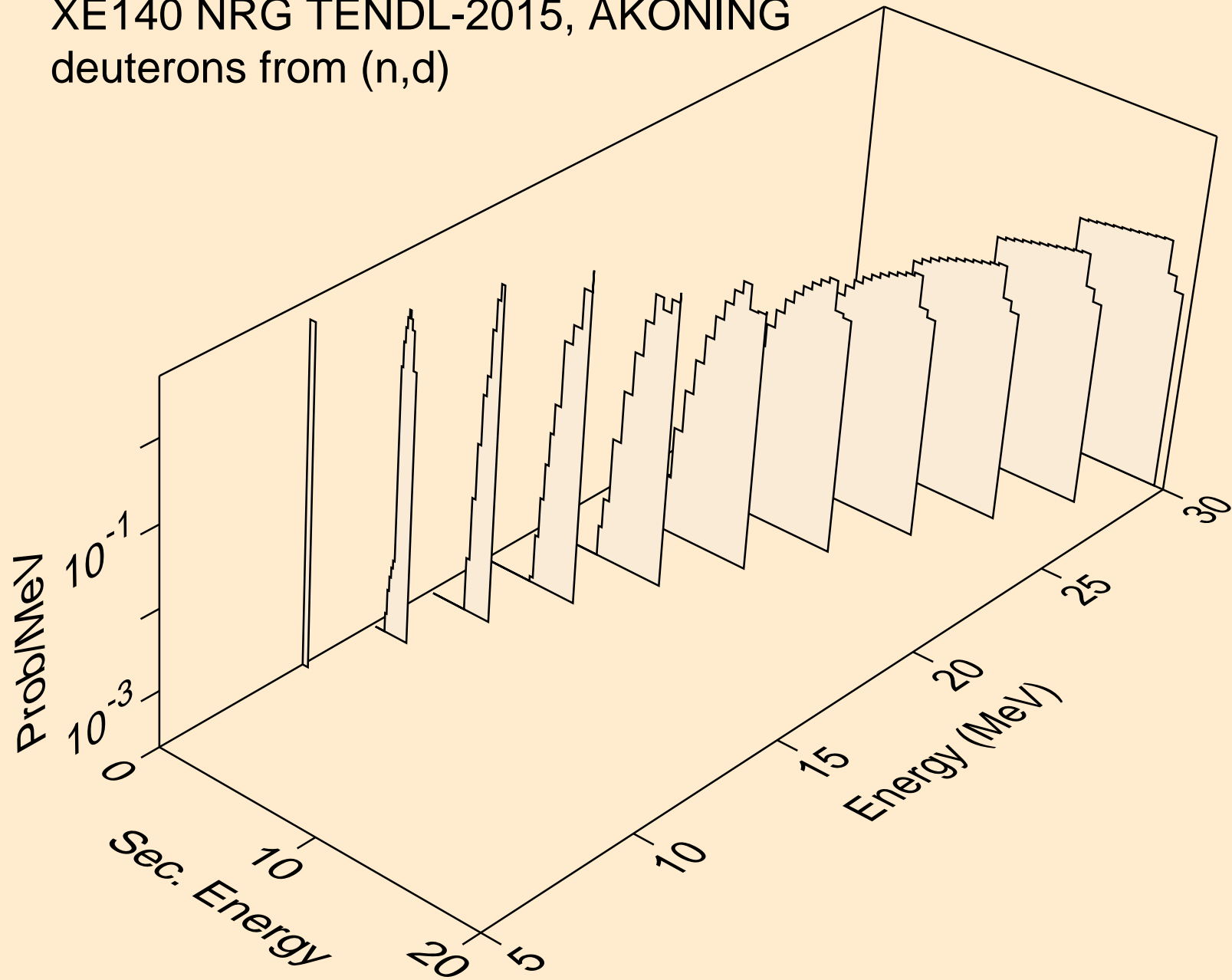
XE140 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



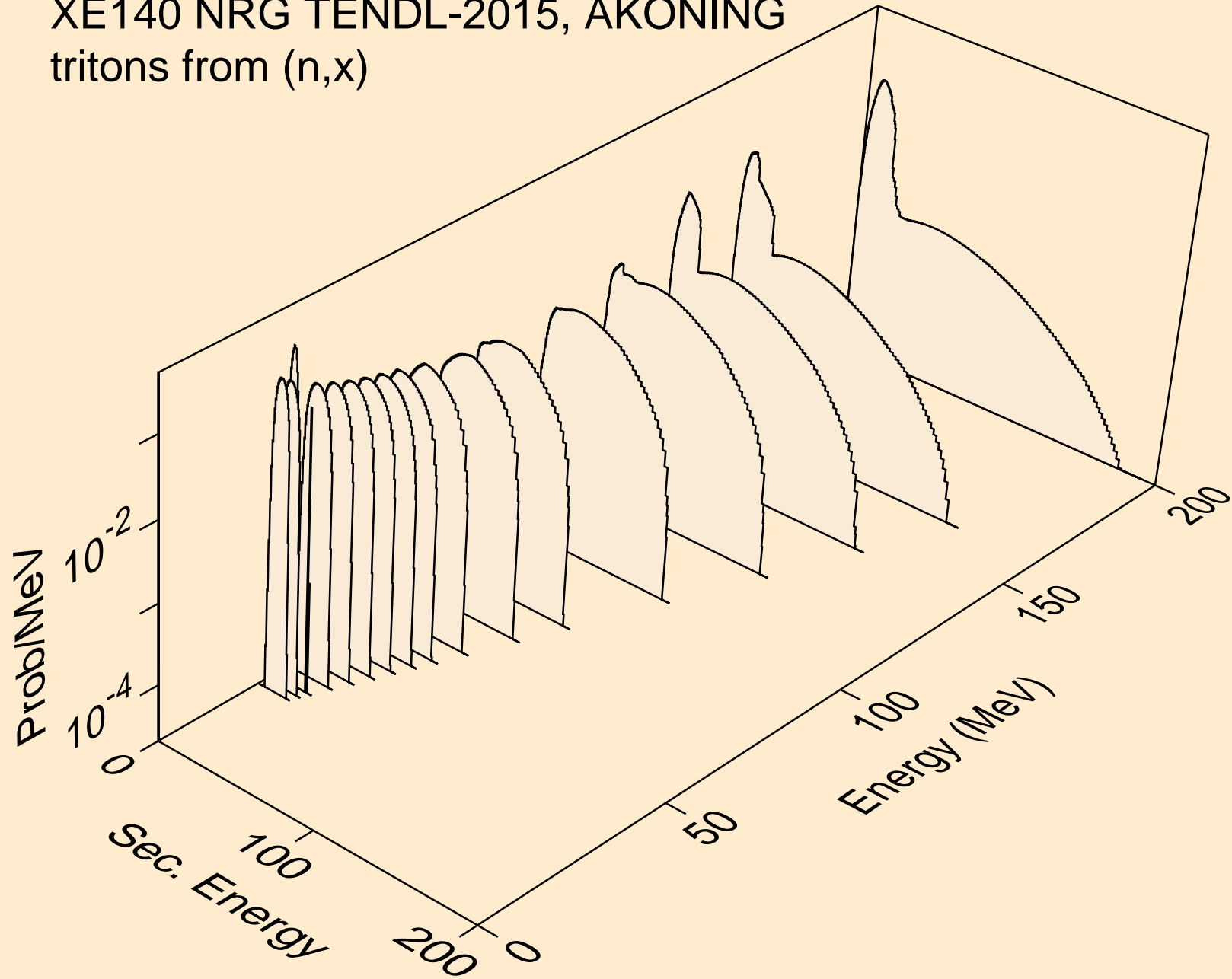
XE140 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



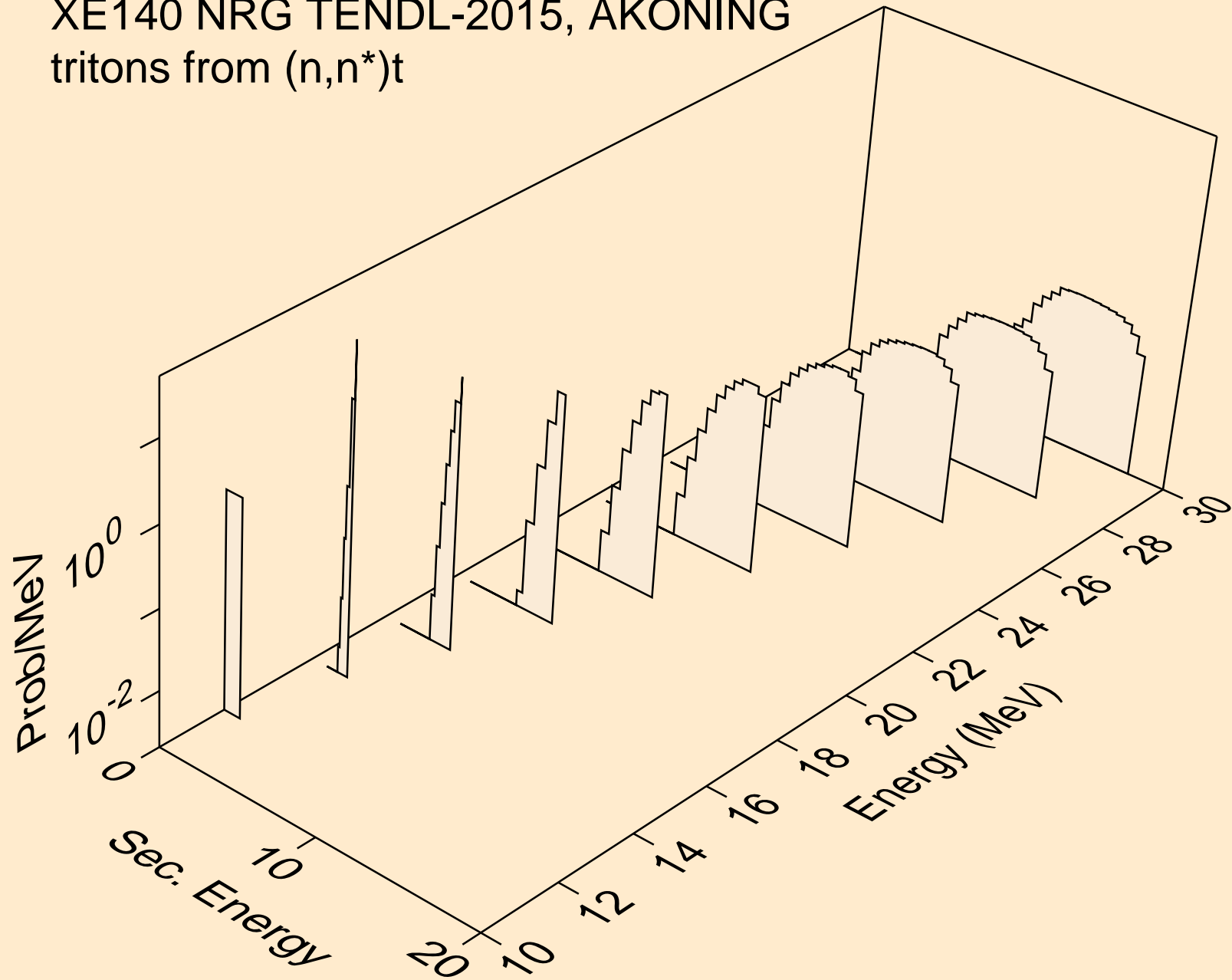
XE140 NRG TENDL-2015, AKONING  
deuterons from (n,d)



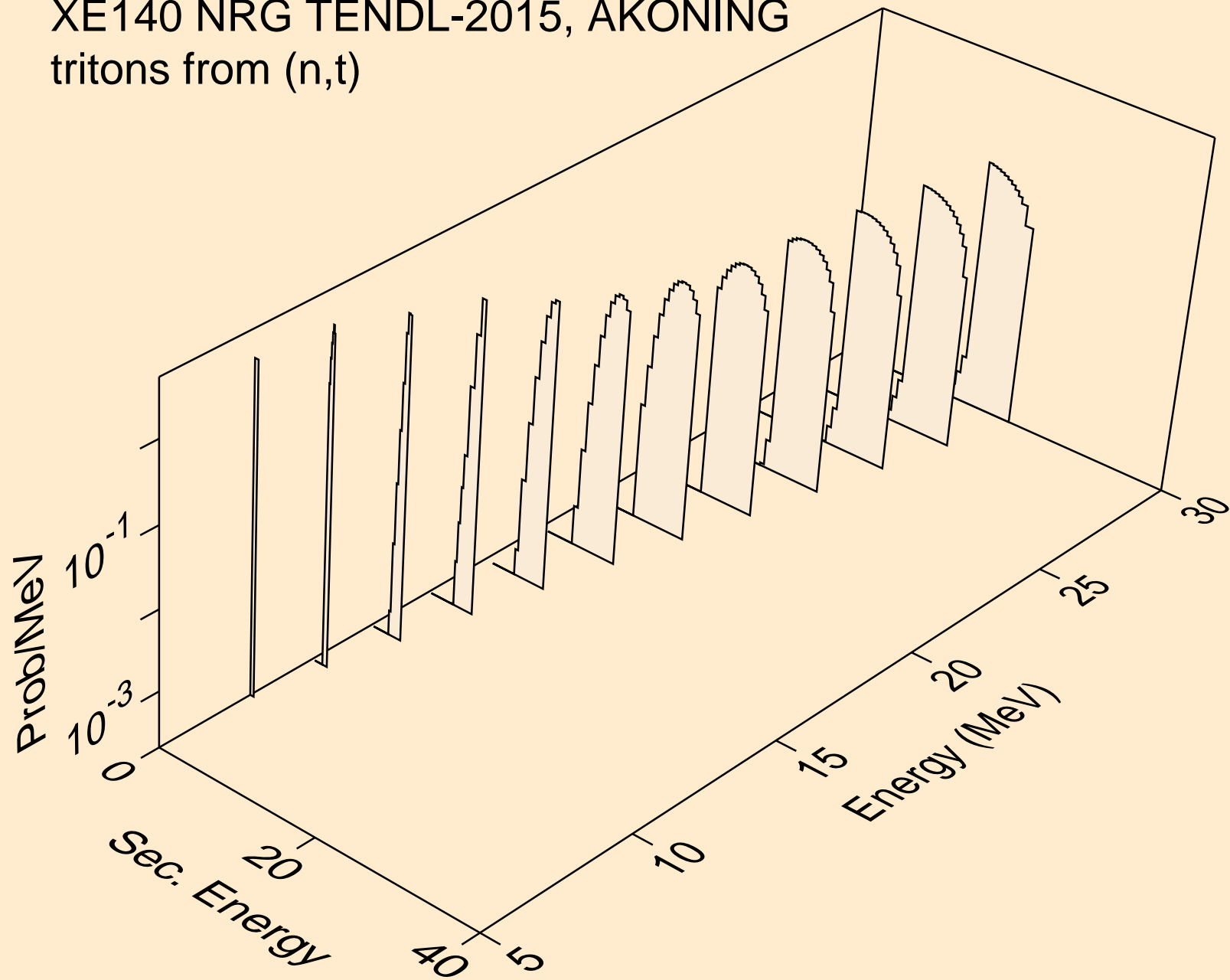
XE140 NRG TENDL-2015, AKONING  
tritons from (n,x)



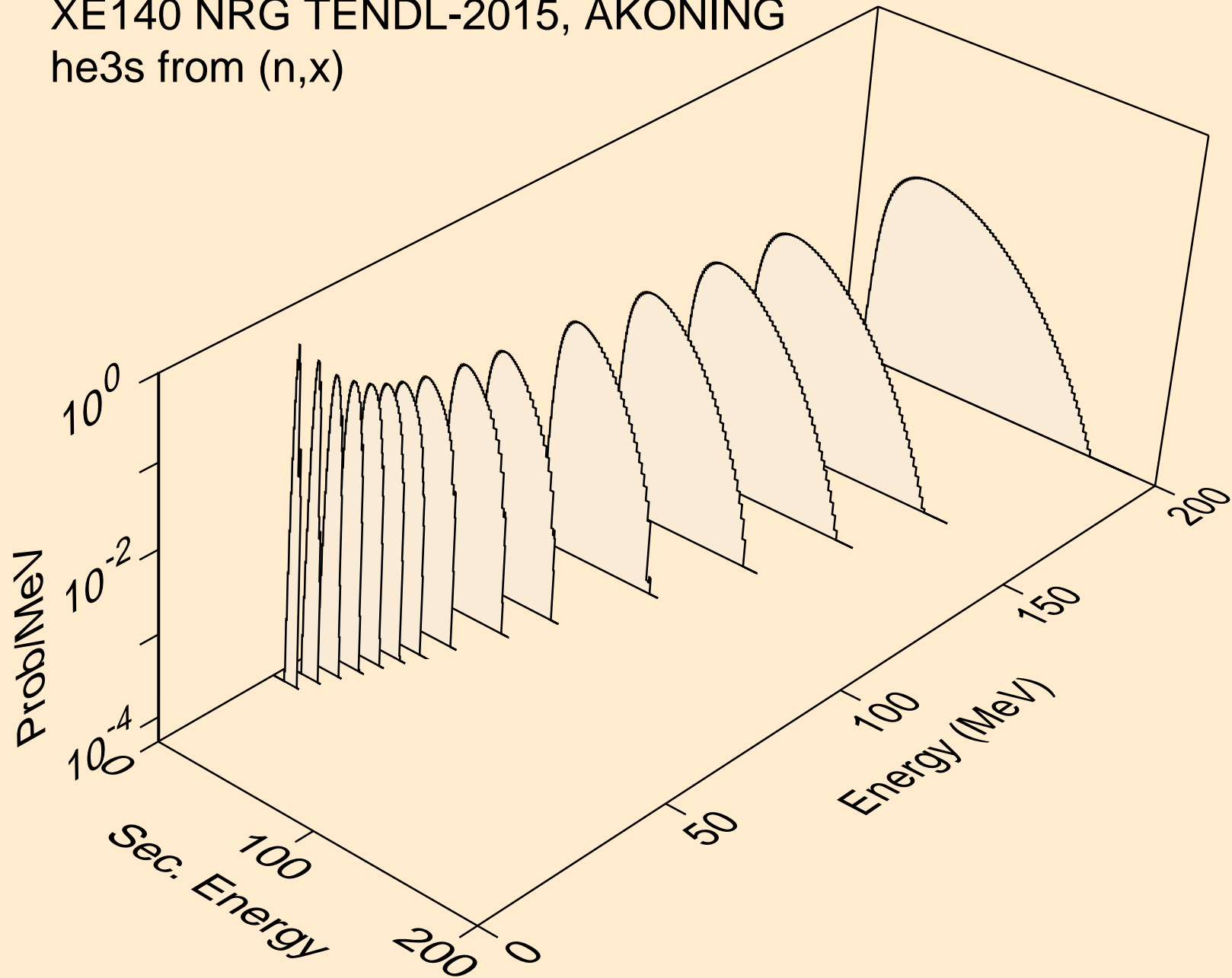
XE140 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



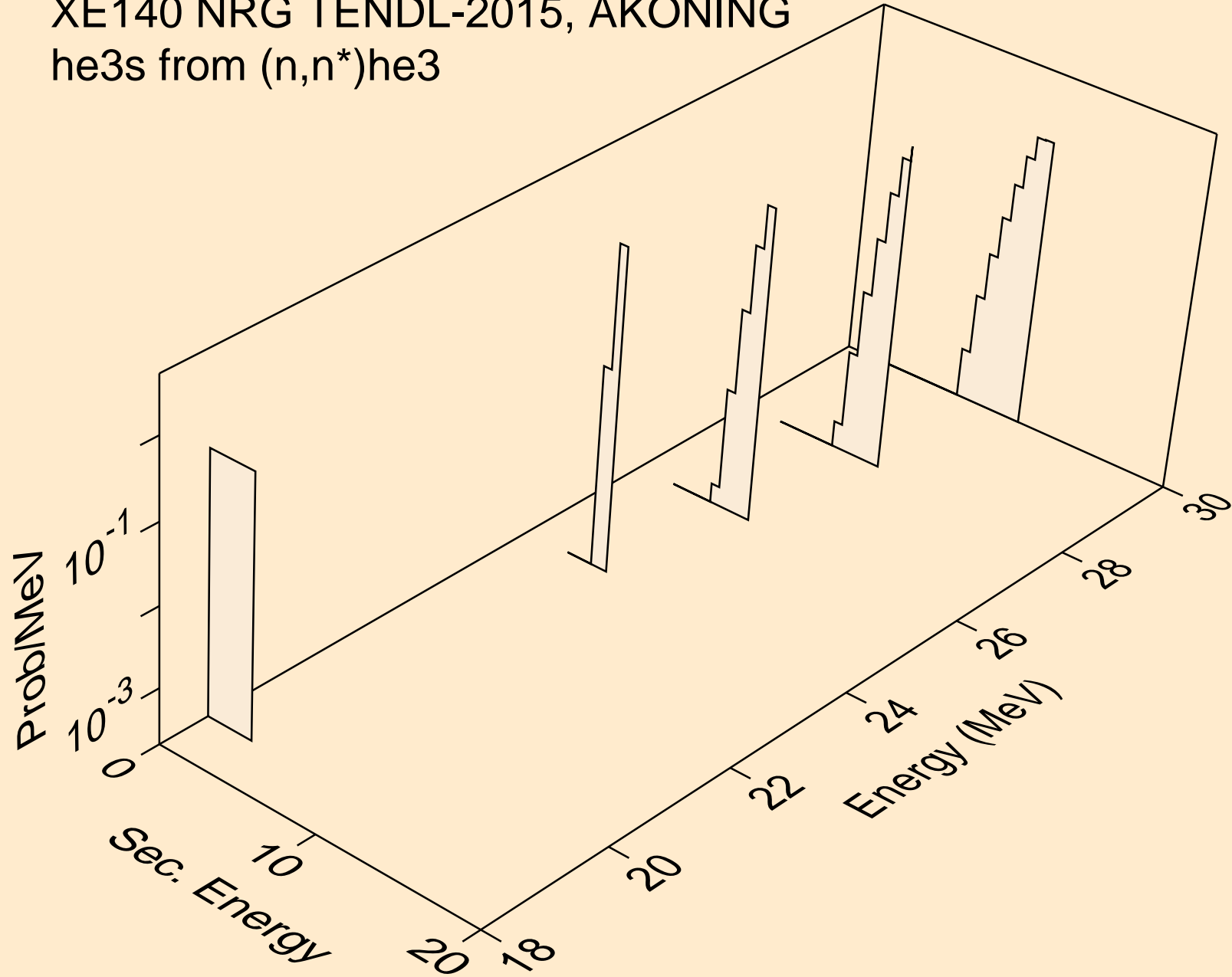
XE140 NRG TENDL-2015, AKONING  
tritons from (n,t)



XE140 NRG TENDL-2015, AKONING  
he3s from (n,x)

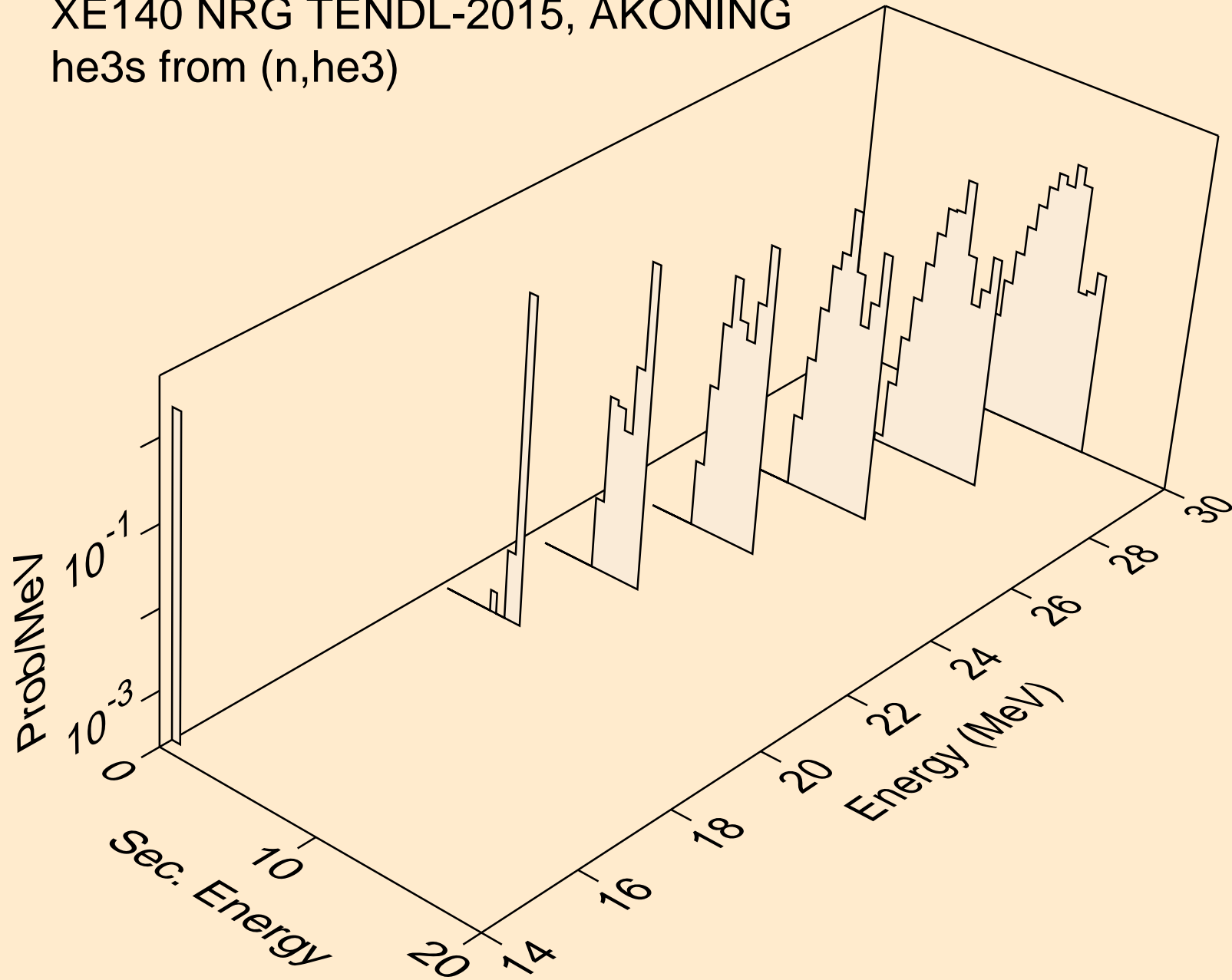


XE140 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

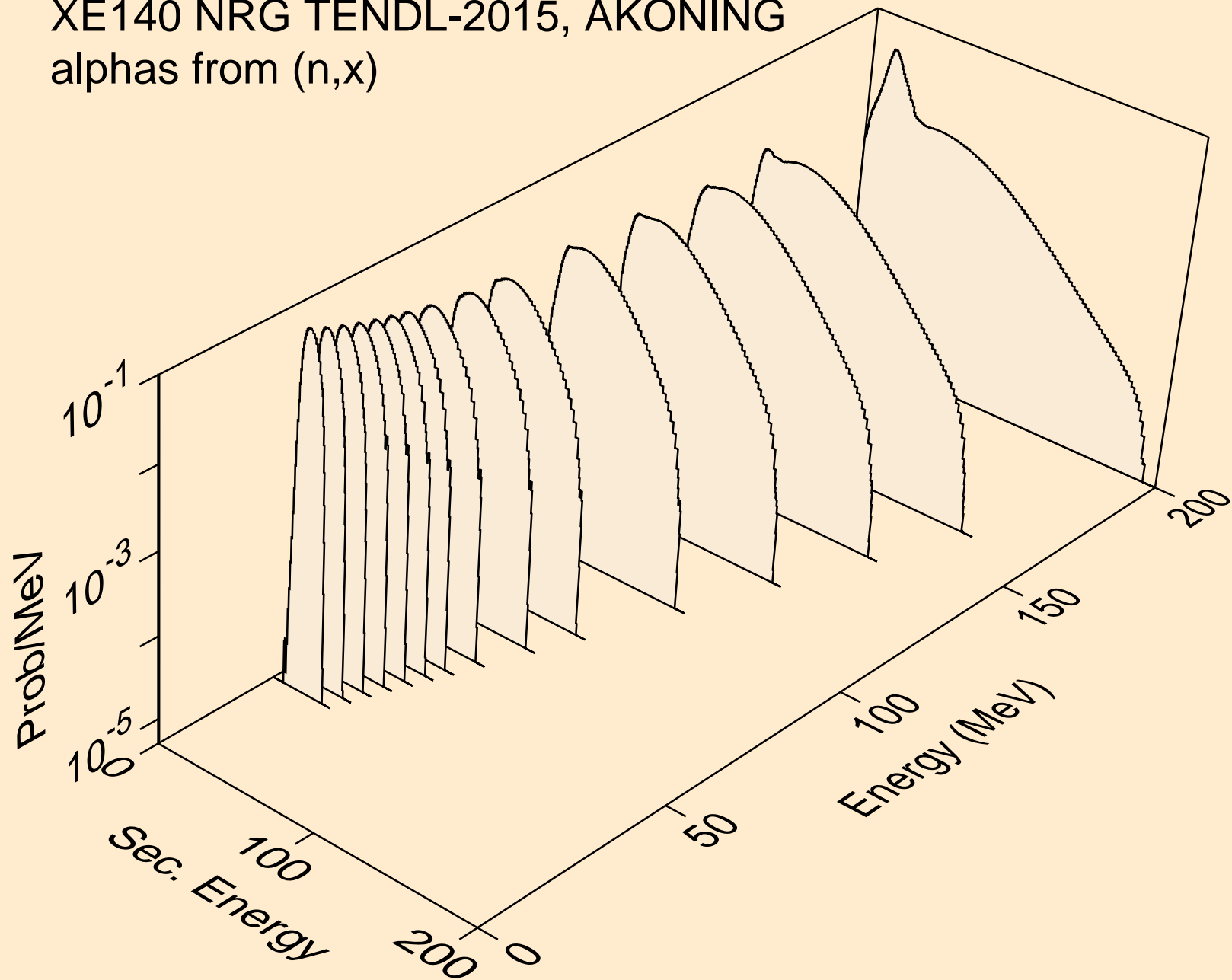




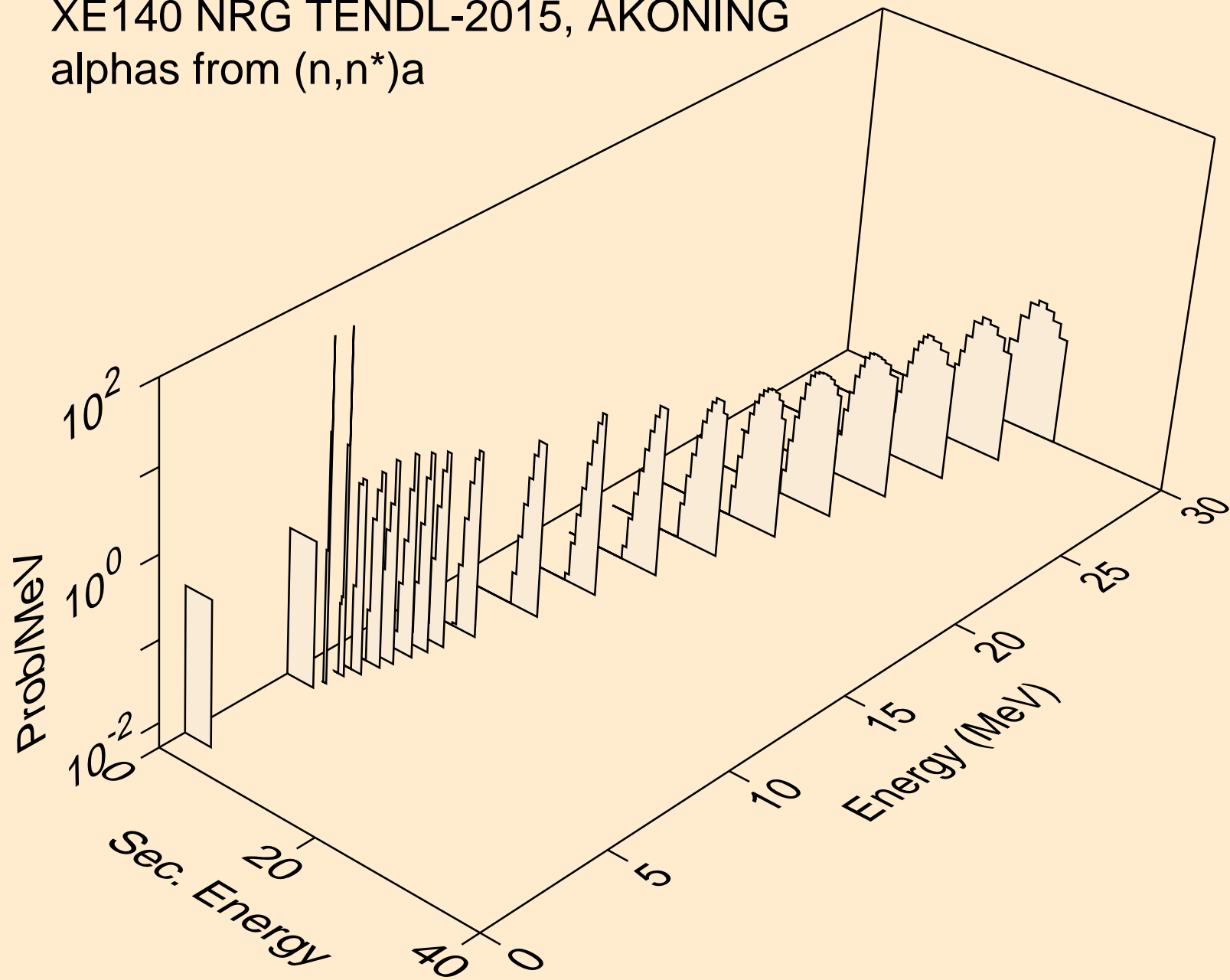
XE140 NRG TENDL-2015, AKONING  
he3s from (n,he3)



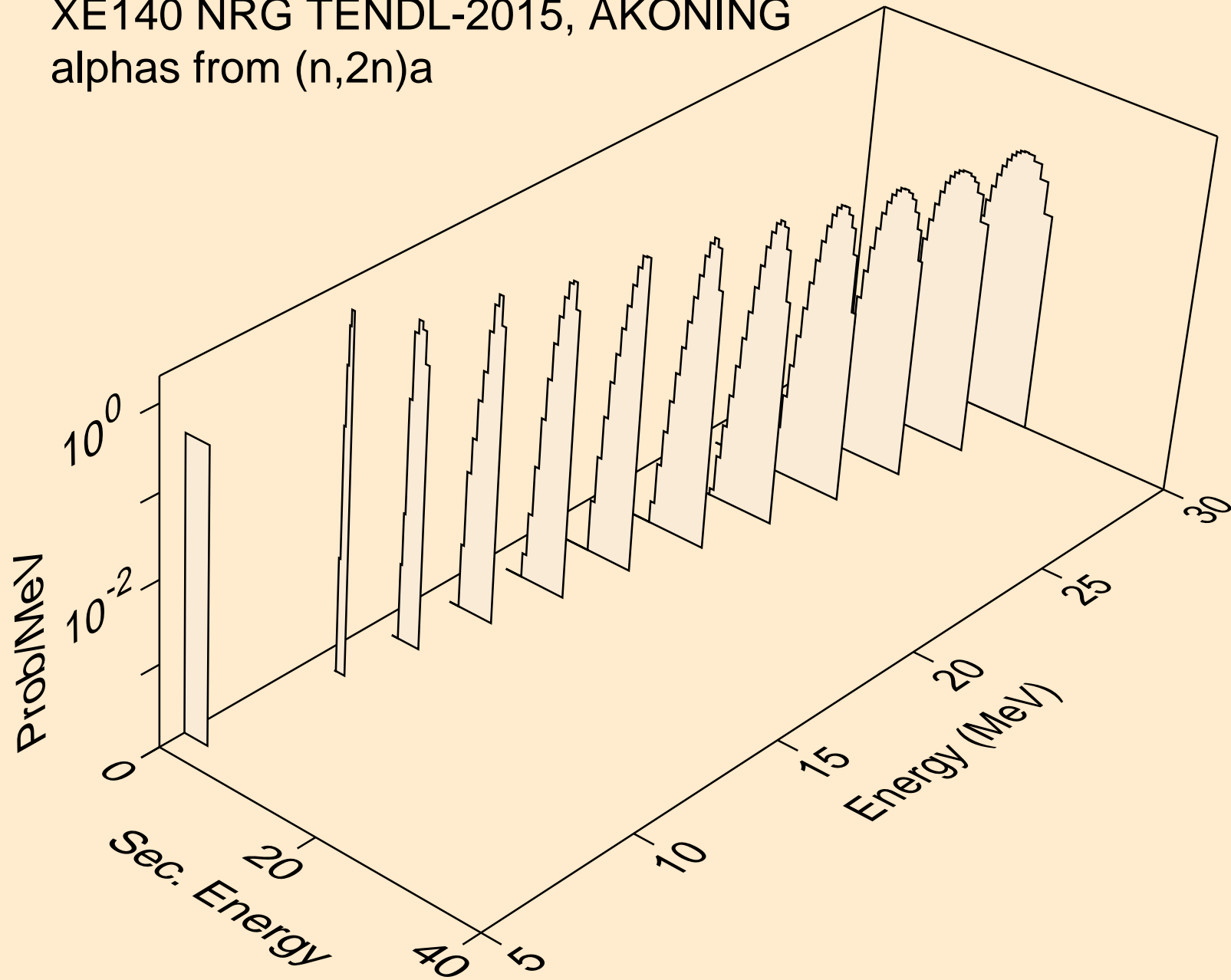
XE140 NRG TENDL-2015, AKONING  
alphas from (n,x)



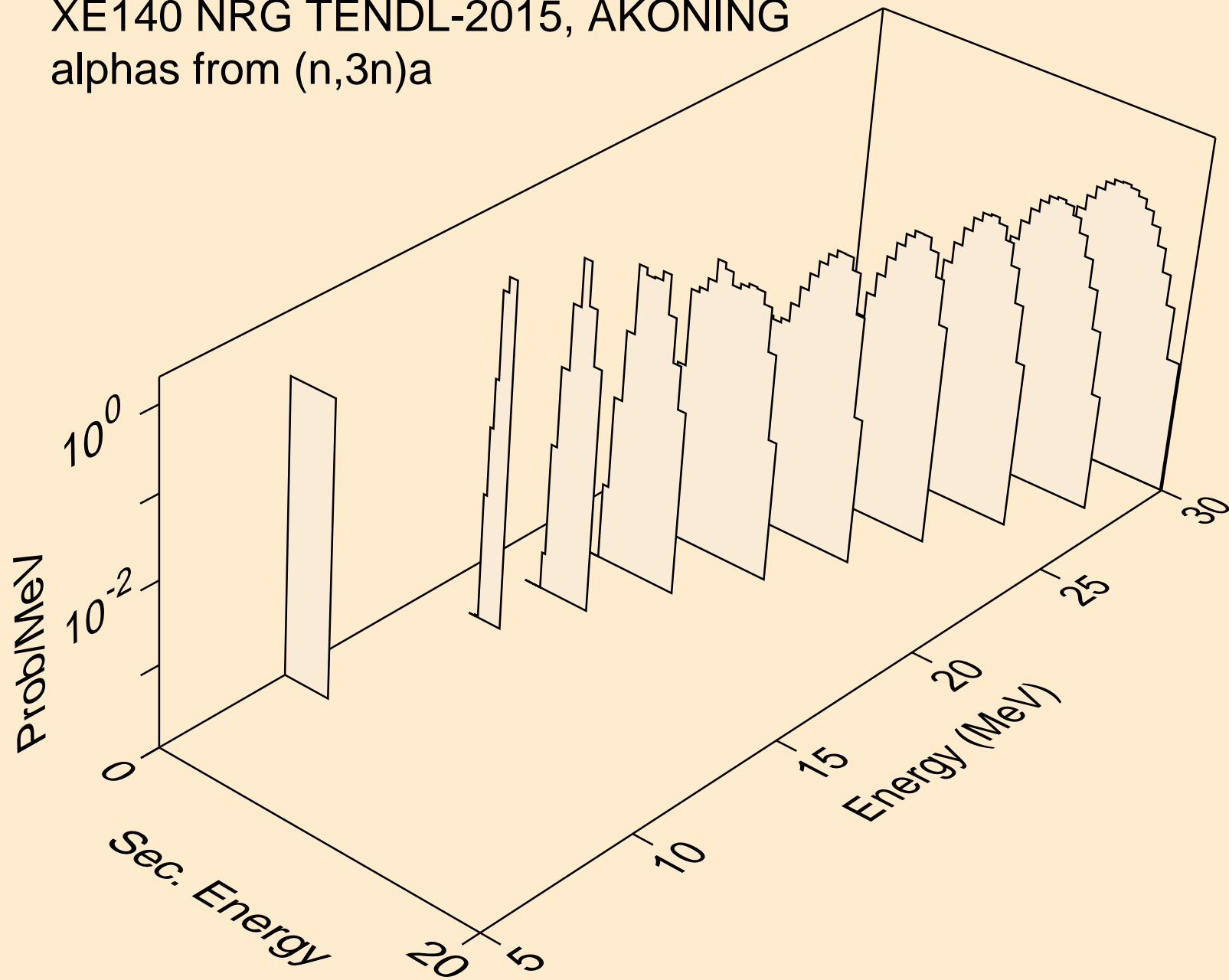
XE140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



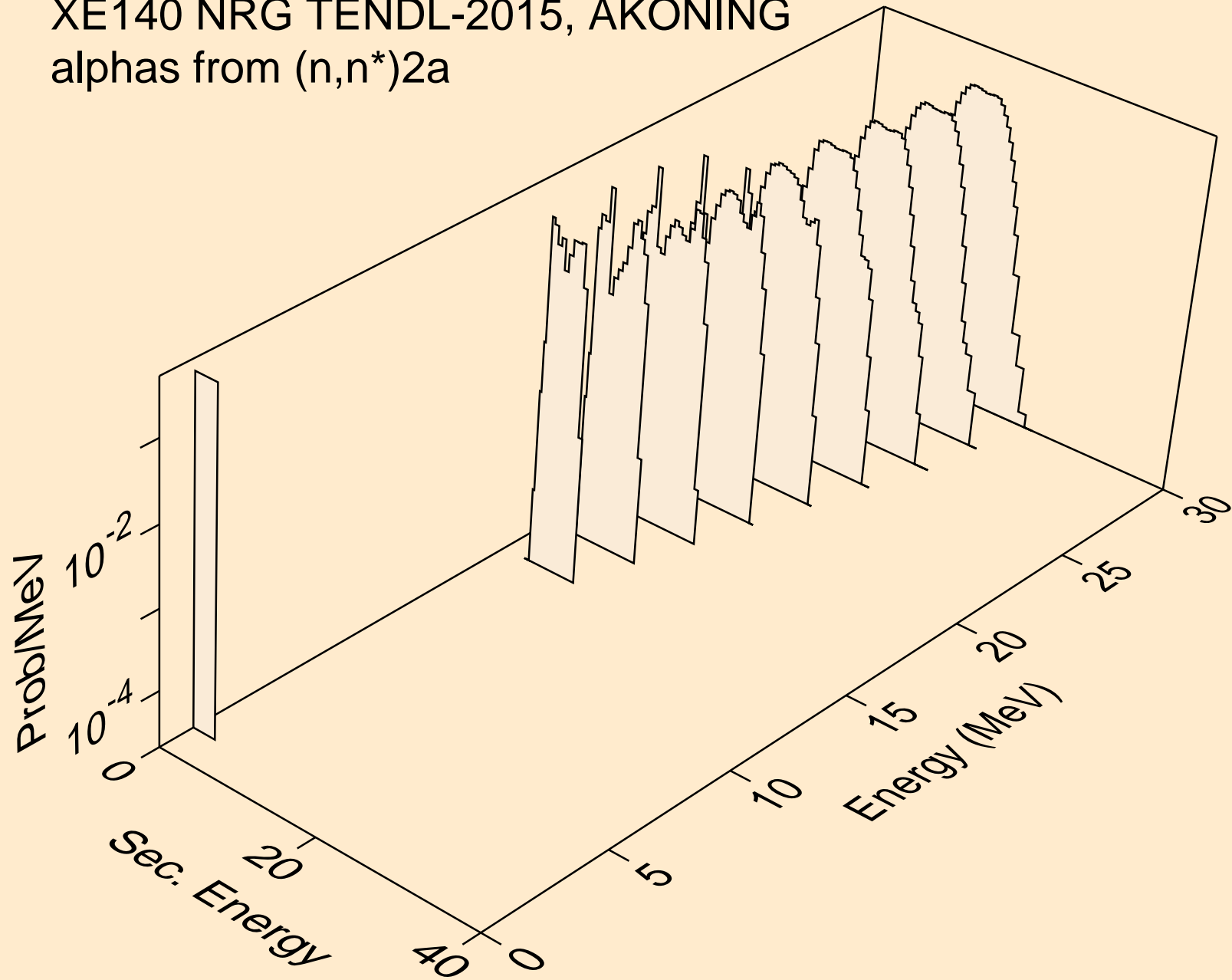
XE140 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



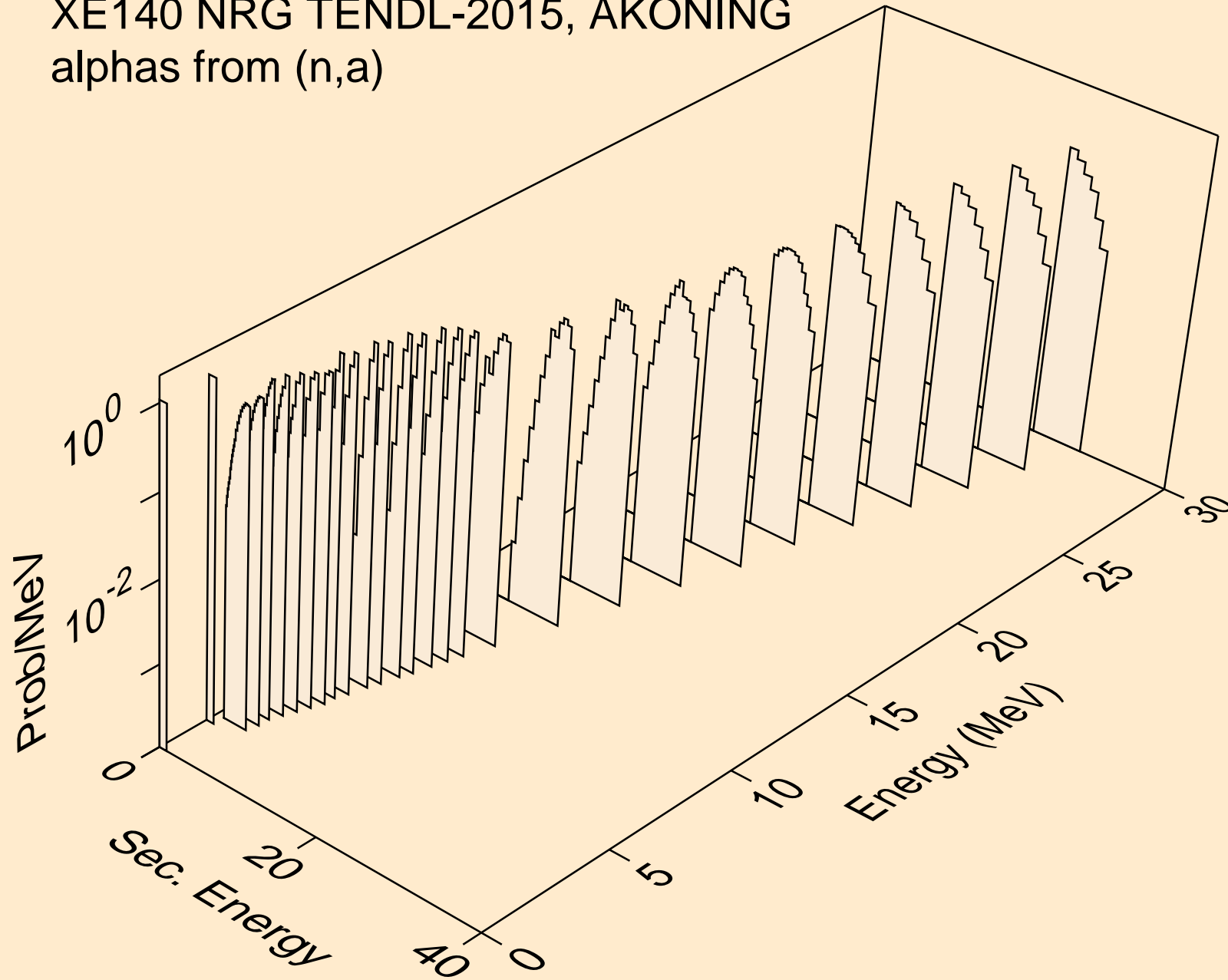
XE140 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



XE140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



XE140 NRG TENDL-2015, AKONING  
alphas from (n,a)



XE140 NRG TENDL-2015, AKONING  
alphas from (n,2a)

