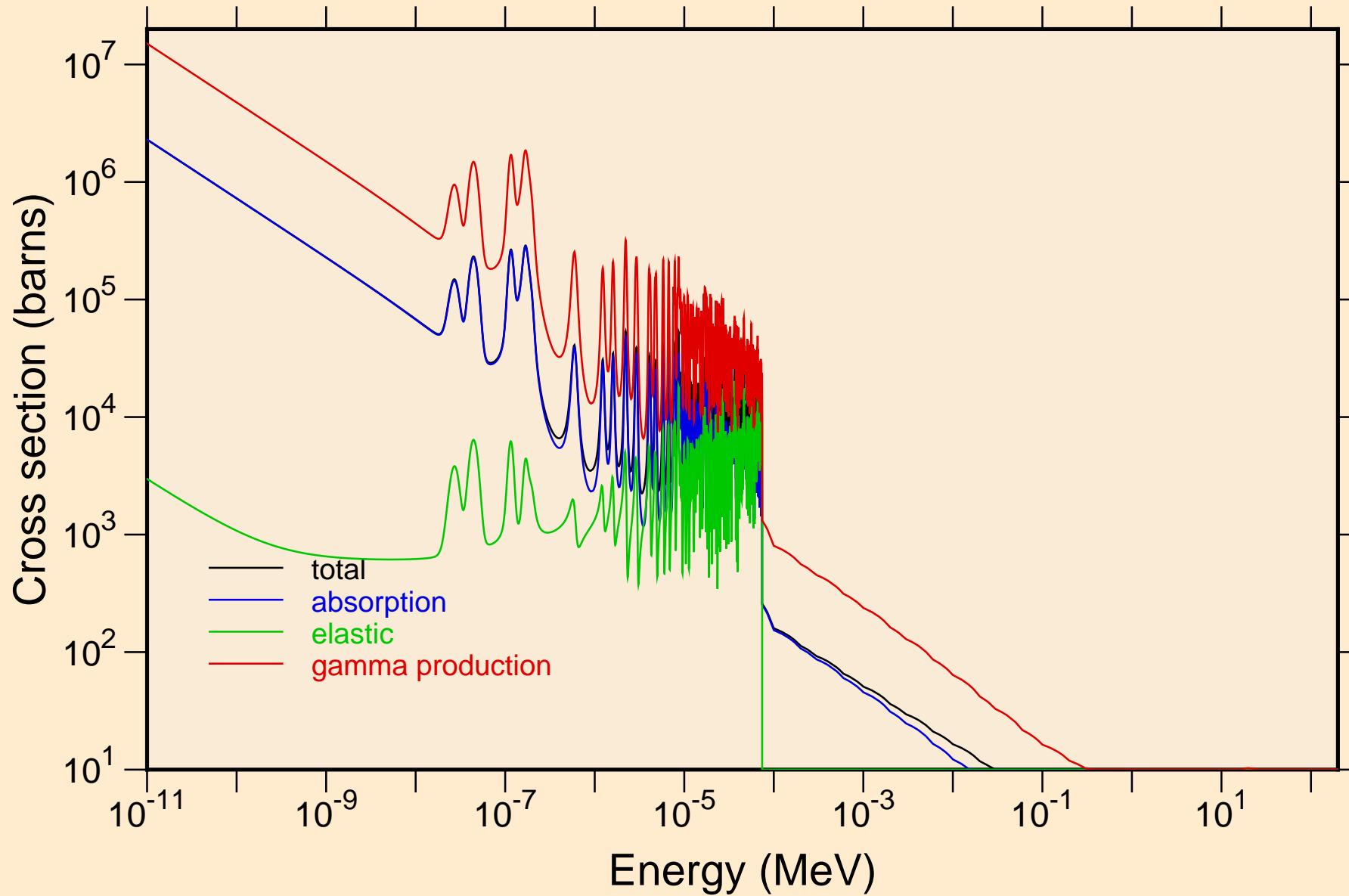
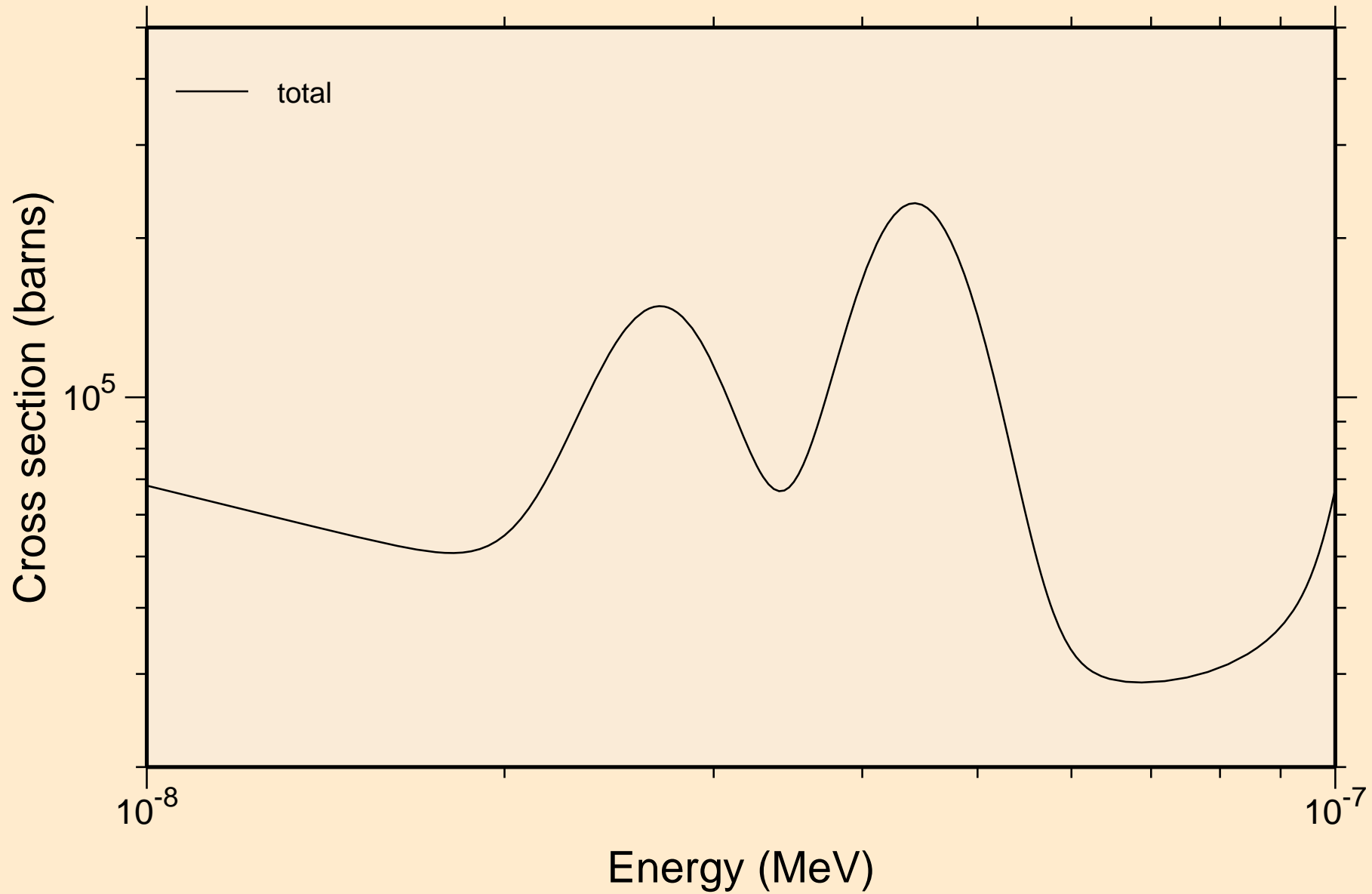


# SM137 NRG TENDL-2015, AKONING

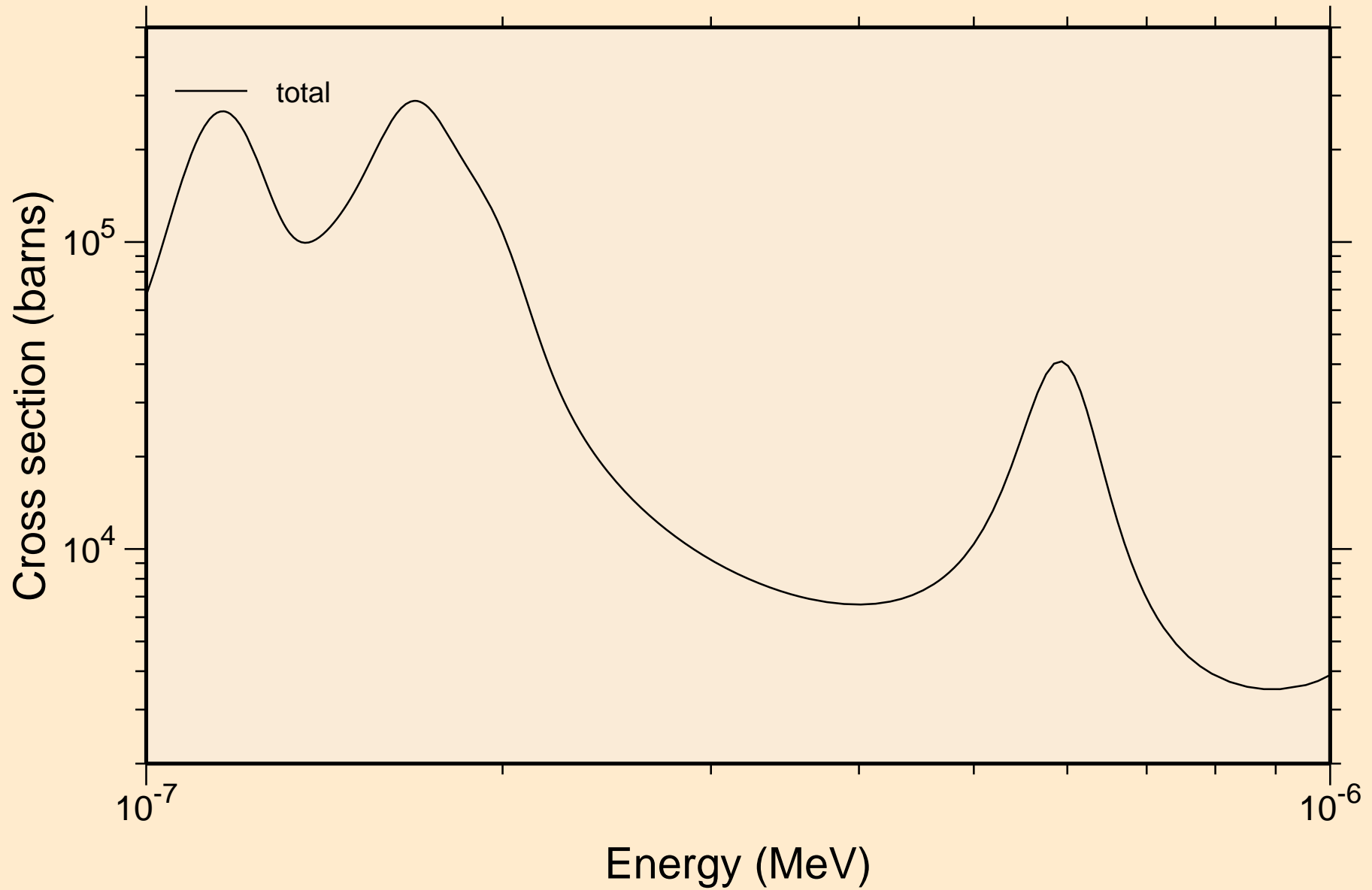
## Principal cross sections



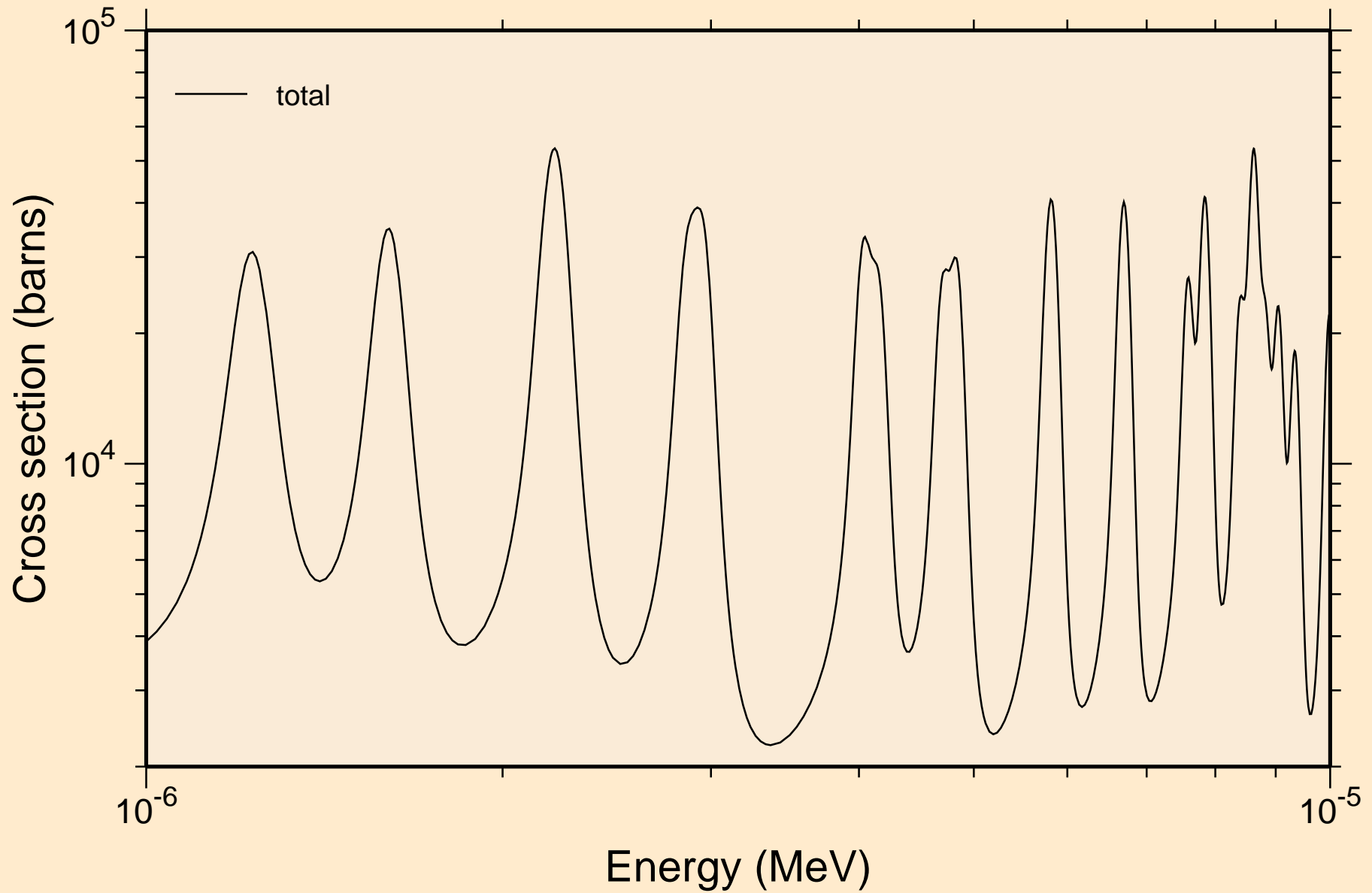
SM137 NRG TENDL-2015, AKONING  
resonance total cross section



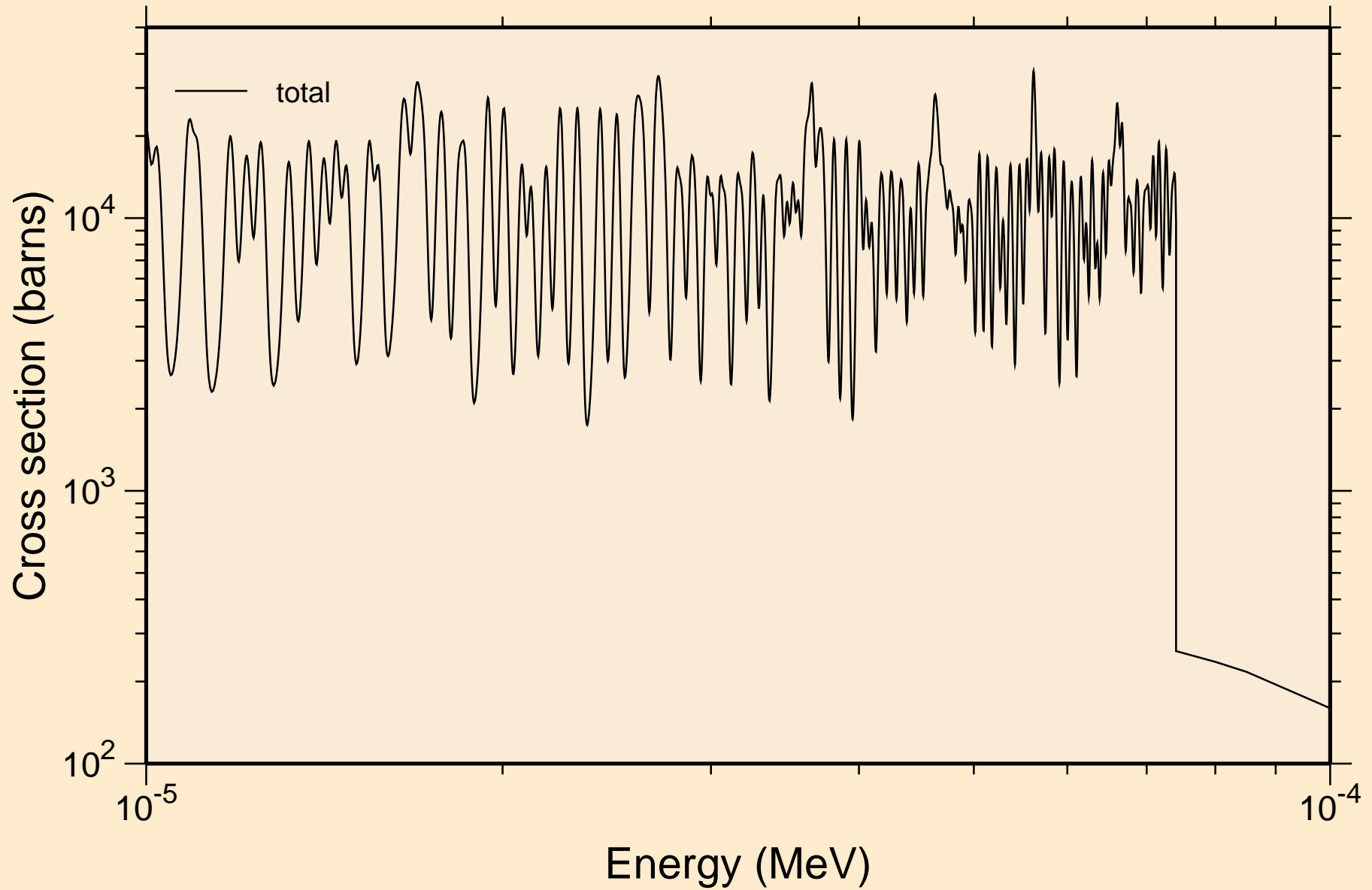
SM137 NRG TENDL-2015, AKONING  
resonance total cross section



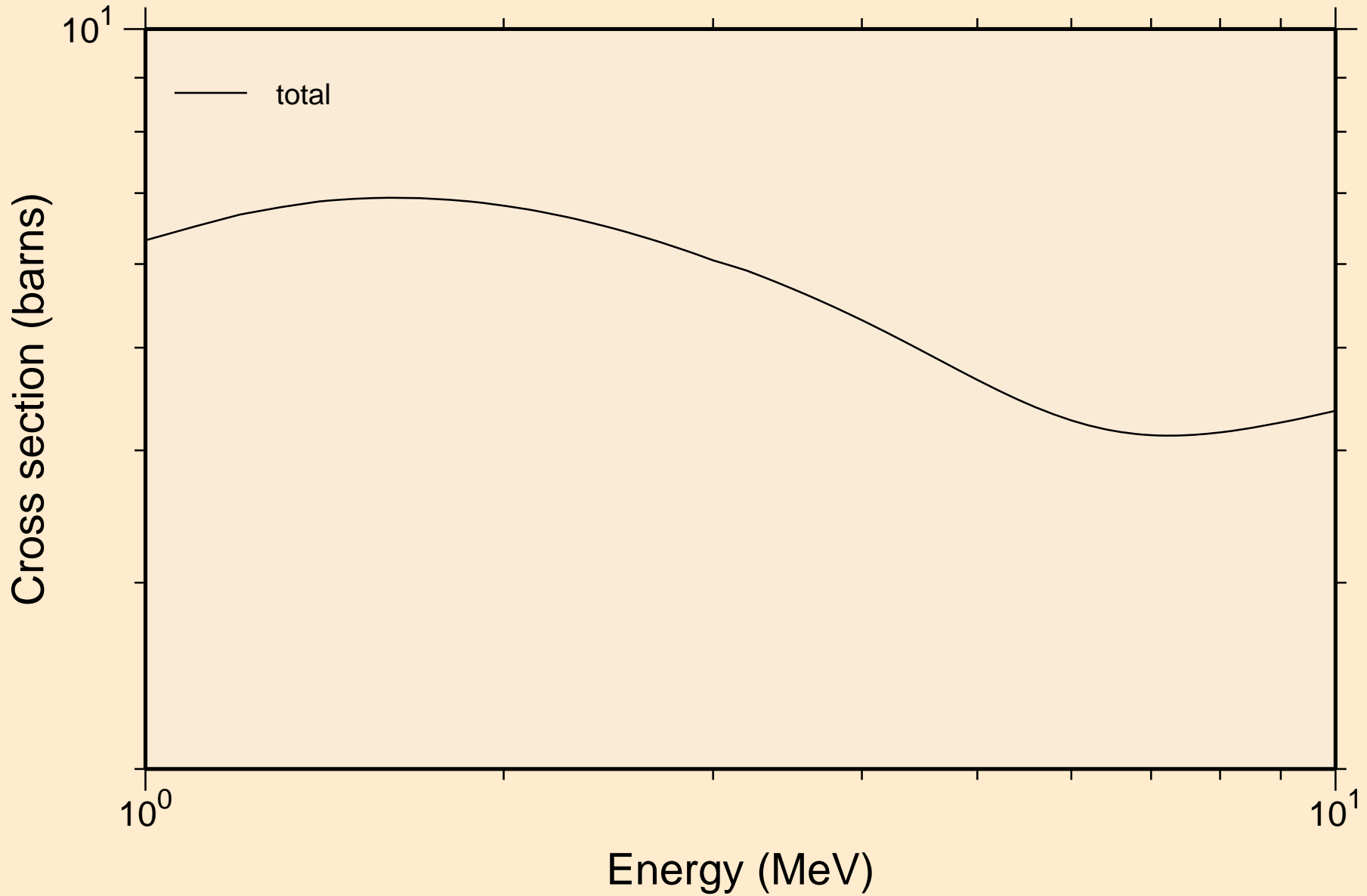
SM137 NRG TENDL-2015, AKONING  
resonance total cross section



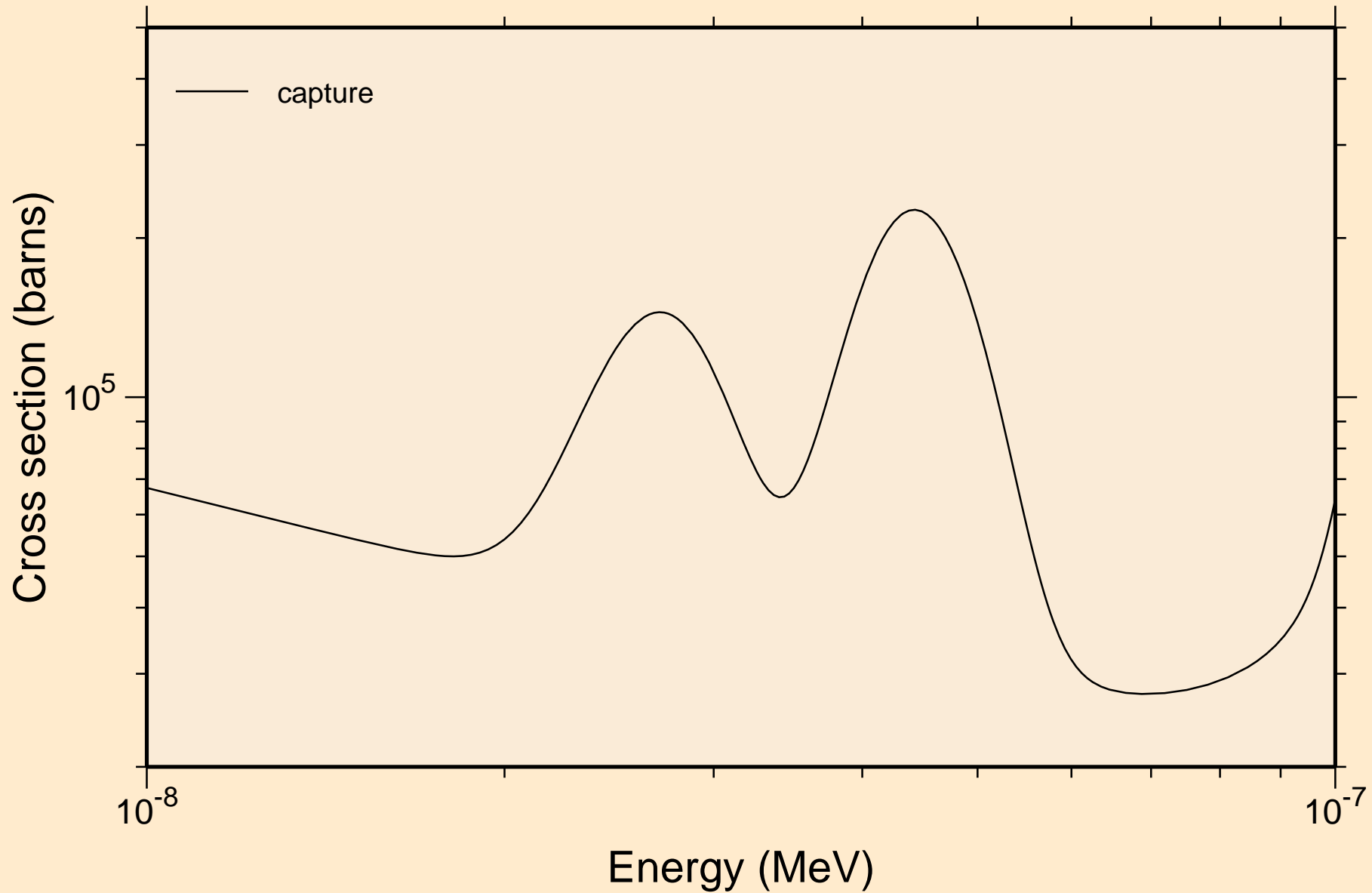
SM137 NRG TENDL-2015, AKONING  
resonance total cross section



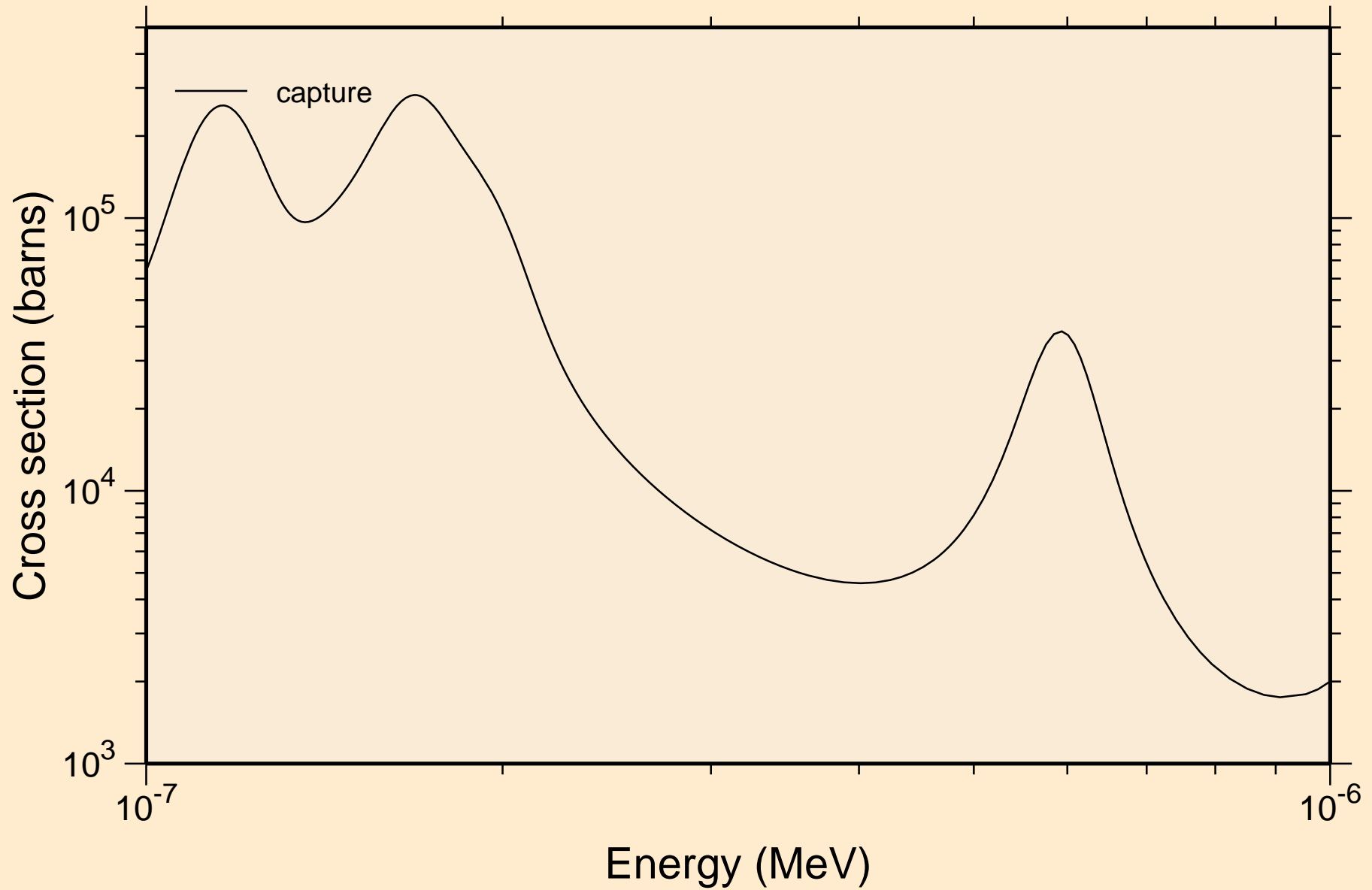
SM137 NRG TENDL-2015, AKONING  
resonance total cross section



SM137 NRG TENDL-2015, AKONING  
resonance absorption cross sections

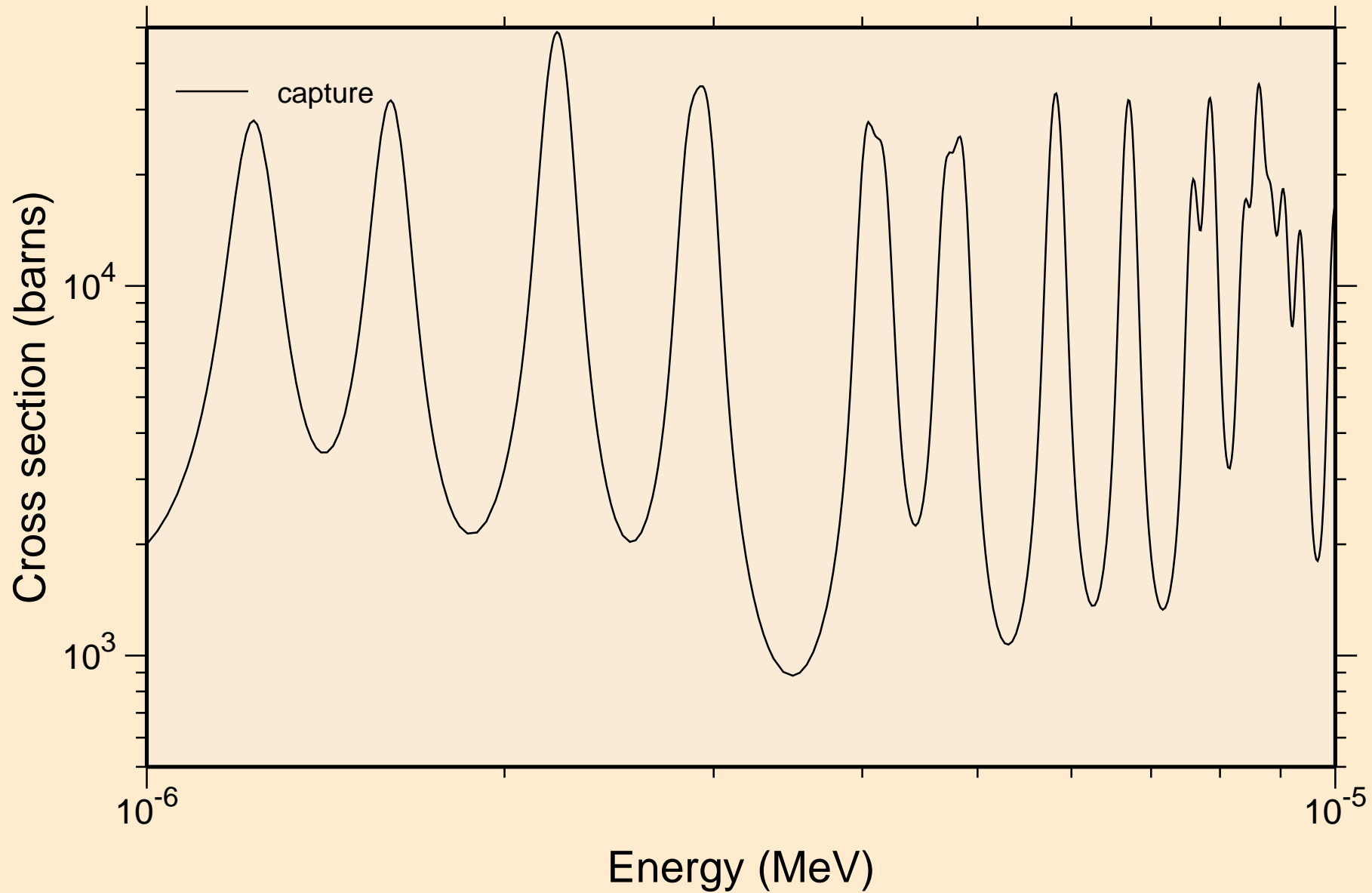


SM137 NRG TENDL-2015, AKONING  
resonance absorption cross sections

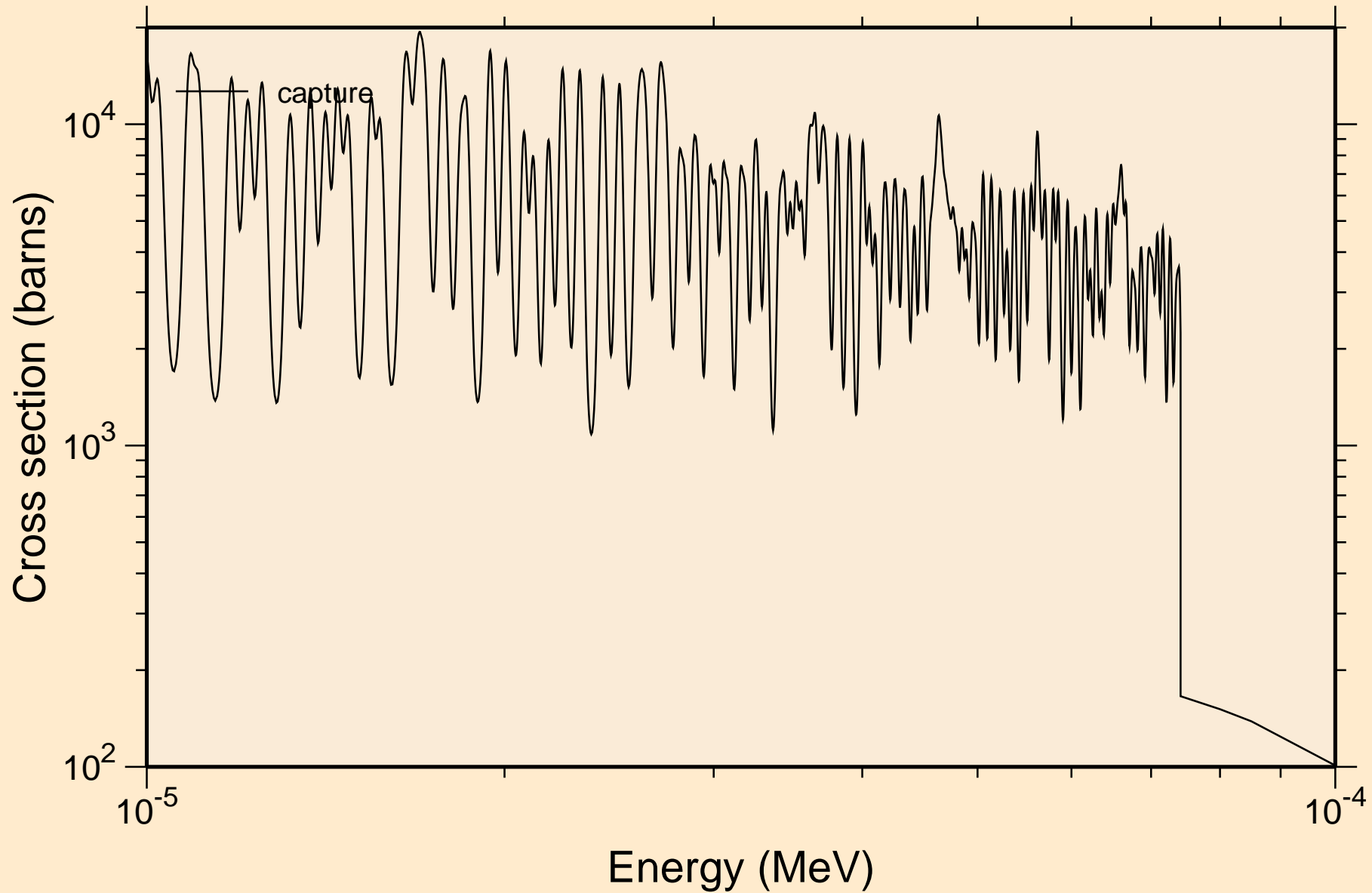




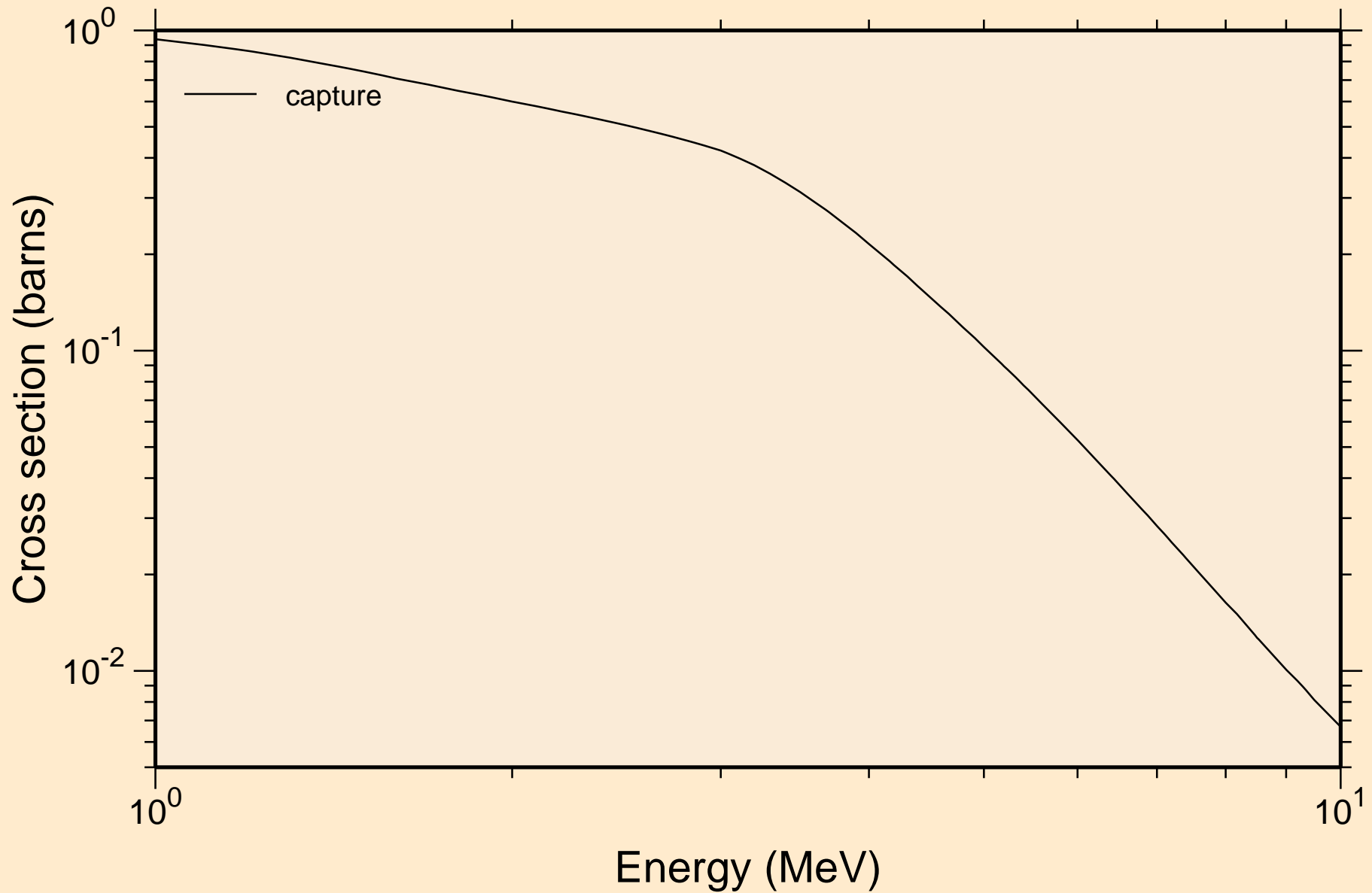
SM137 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SM137 NRG TENDL-2015, AKONING  
resonance absorption cross sections

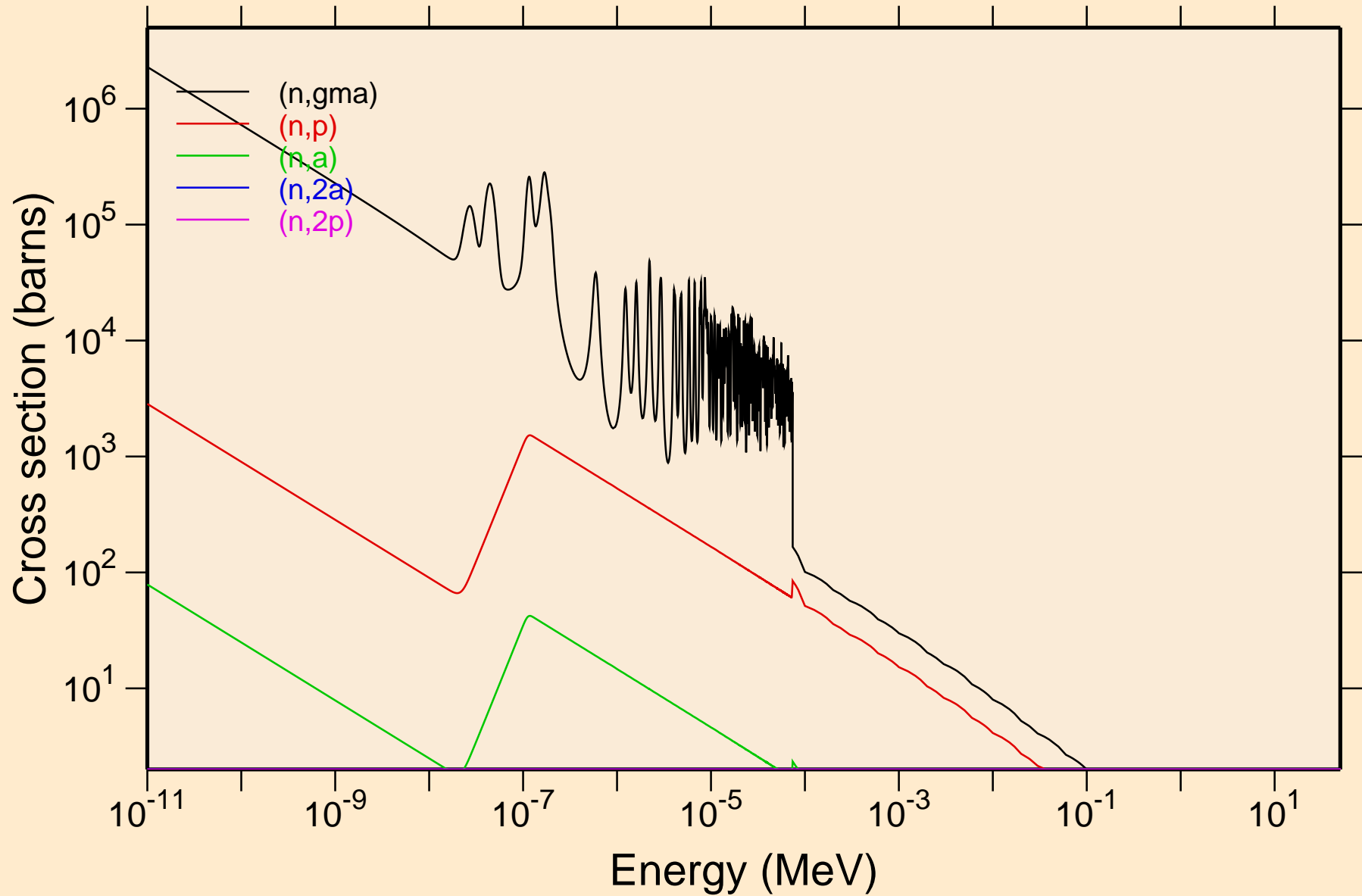


SM137 NRG TENDL-2015, AKONING  
resonance absorption cross sections

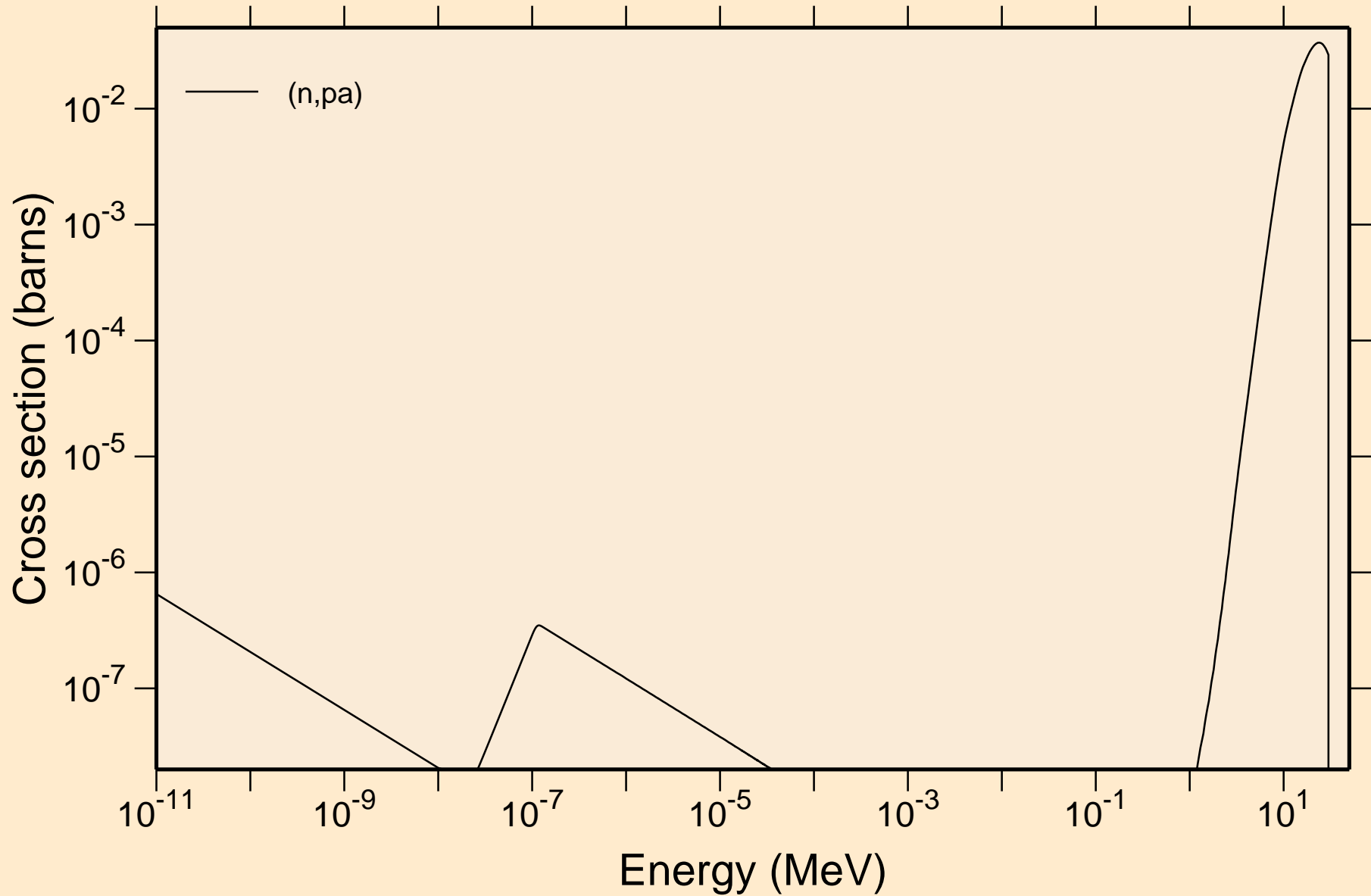


# SM137 NRG TENDL-2015, AKONING

## Non-threshold reactions

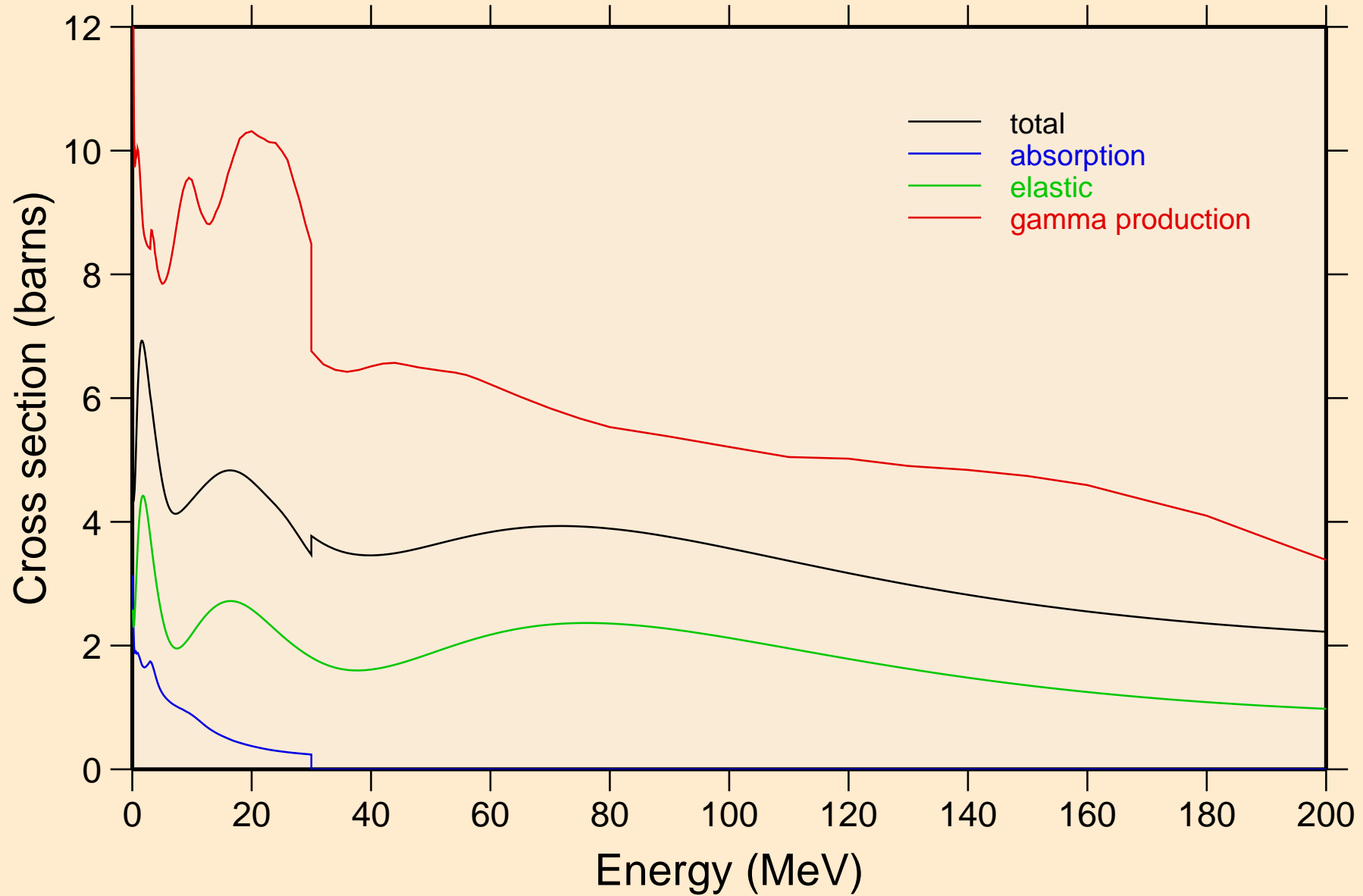


SM137 NRG TENDL-2015, AKONING  
Non-threshold reactions



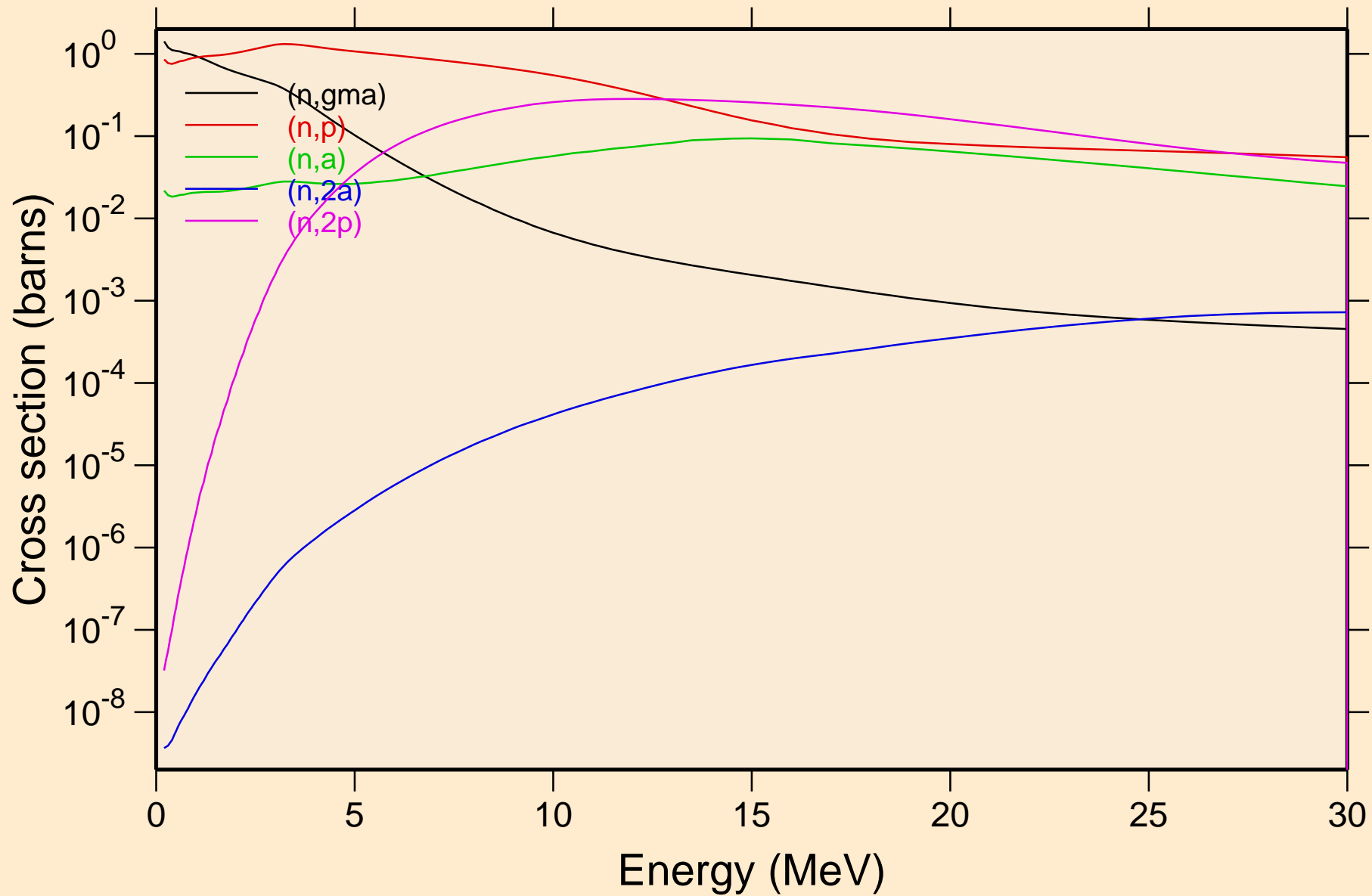
# SM137 NRG TENDL-2015, AKONING

## Principal cross sections

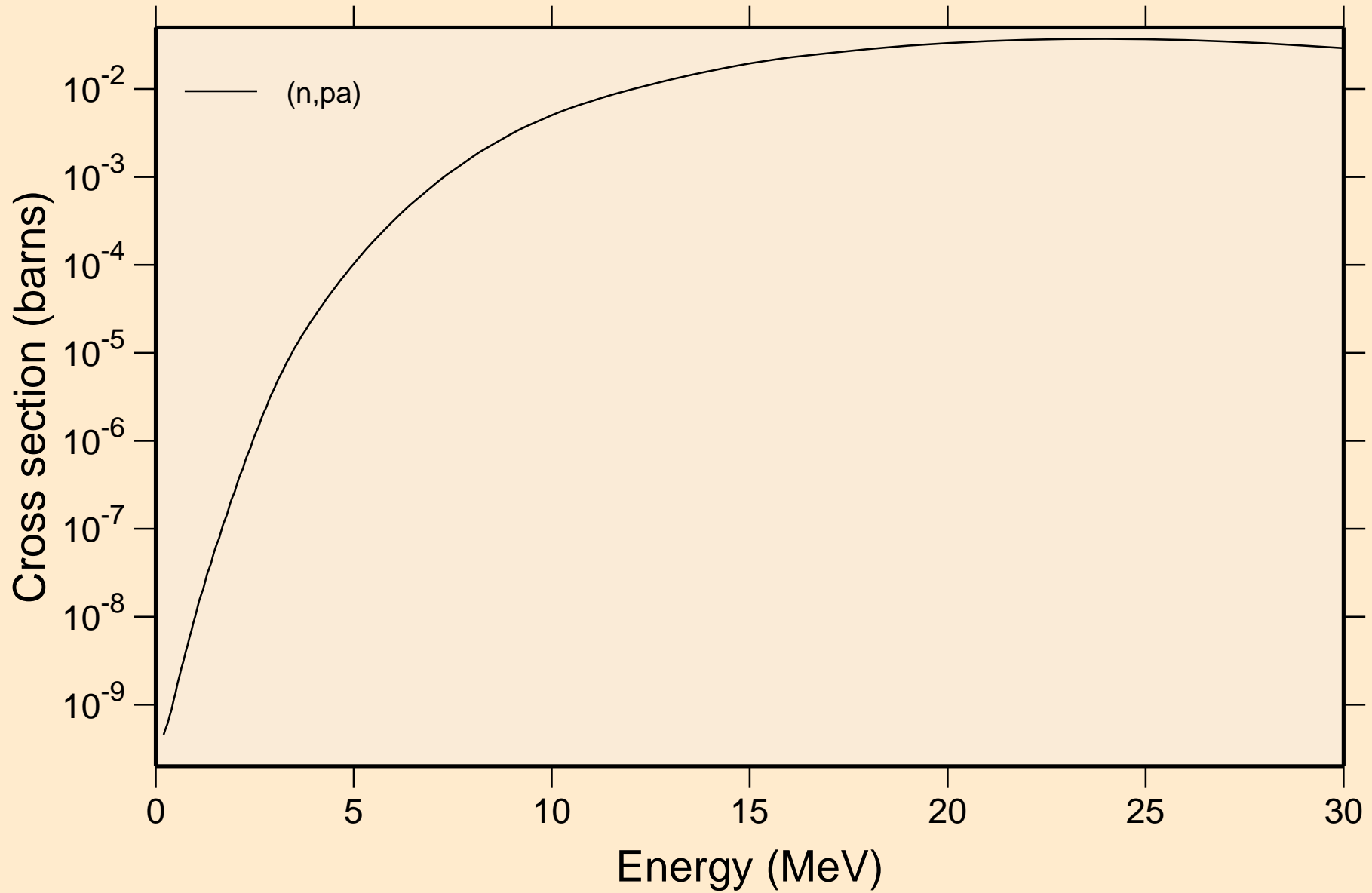


# SM137 NRG TENDL-2015, AKONING

## Non-threshold reactions



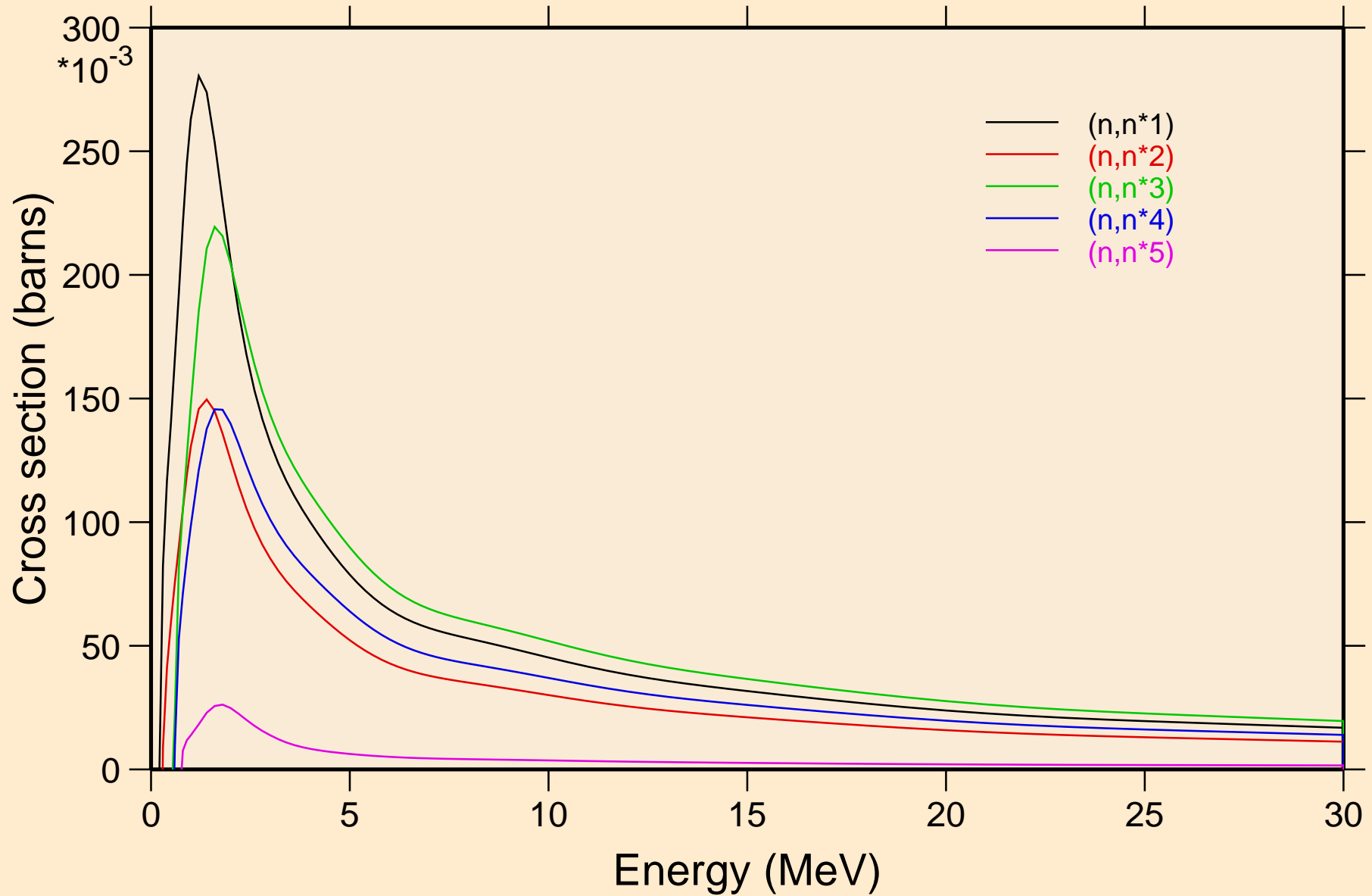
SM137 NRG TENDL-2015, AKONING  
Non-threshold reactions





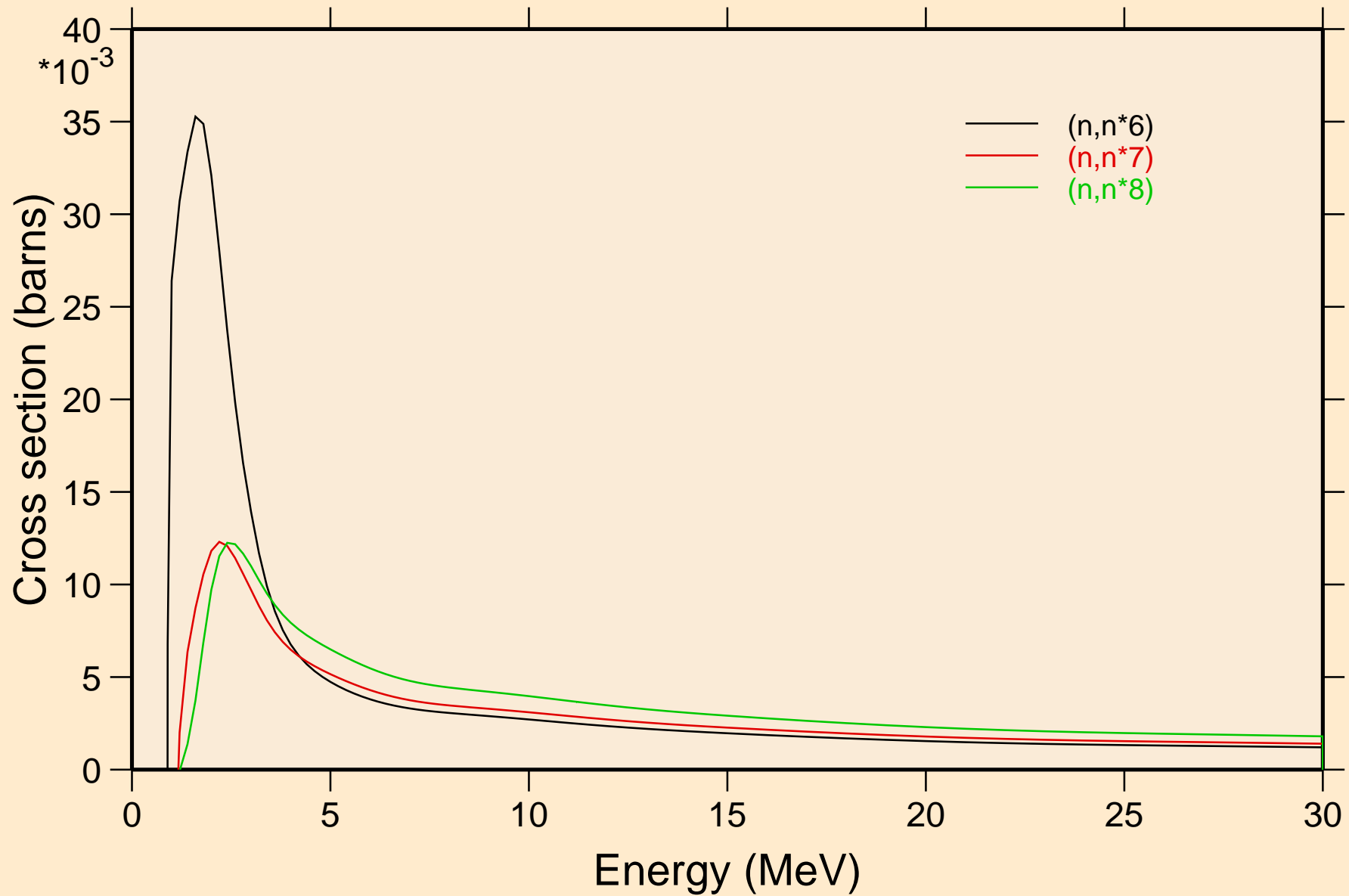
# SM137 NRG TENDL-2015, AKONING

## Inelastic levels



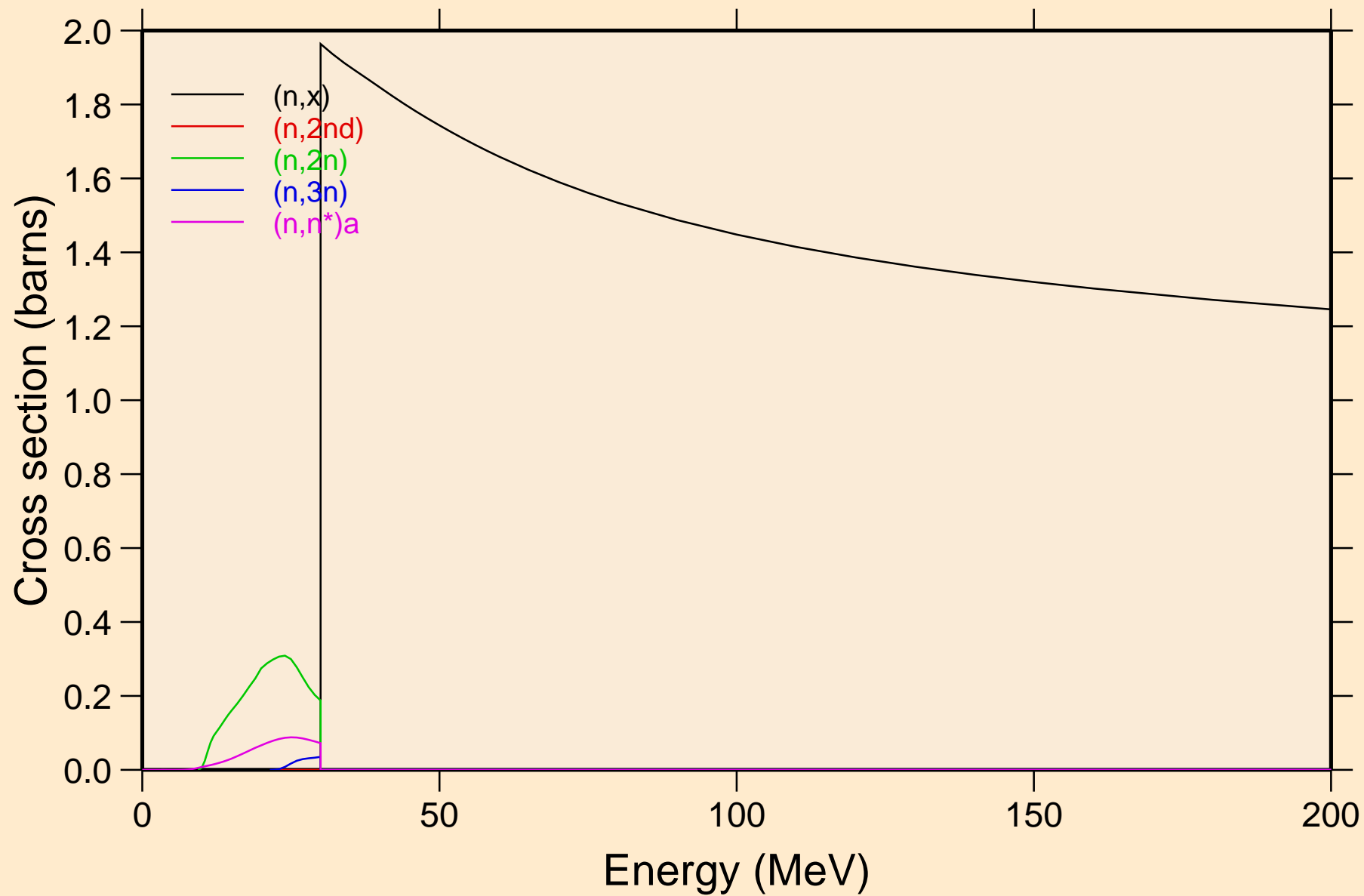
# SM137 NRG TENDL-2015, AKONING

## Inelastic levels



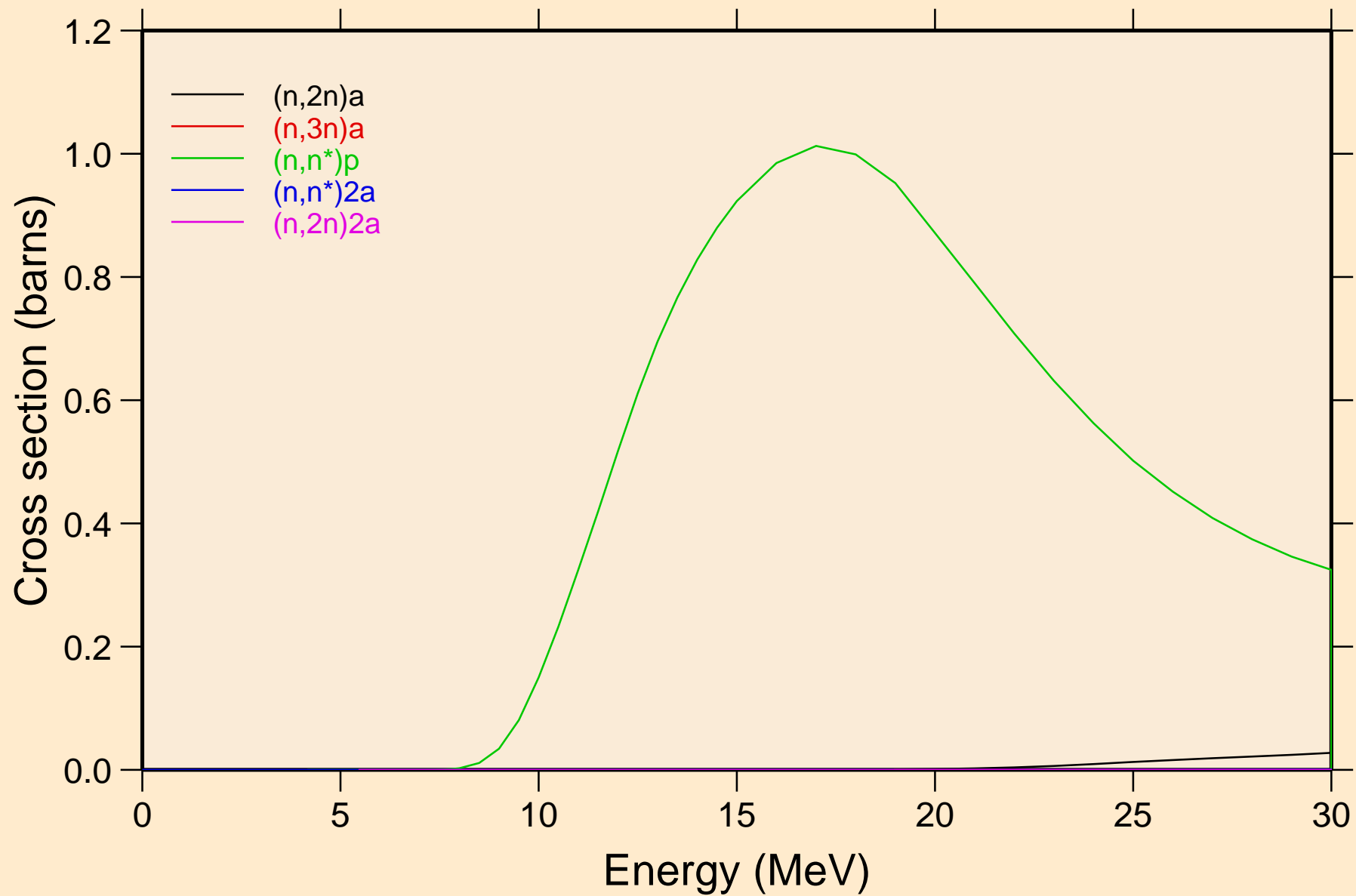
# SM137 NRG TENDL-2015, AKONING

## Threshold reactions



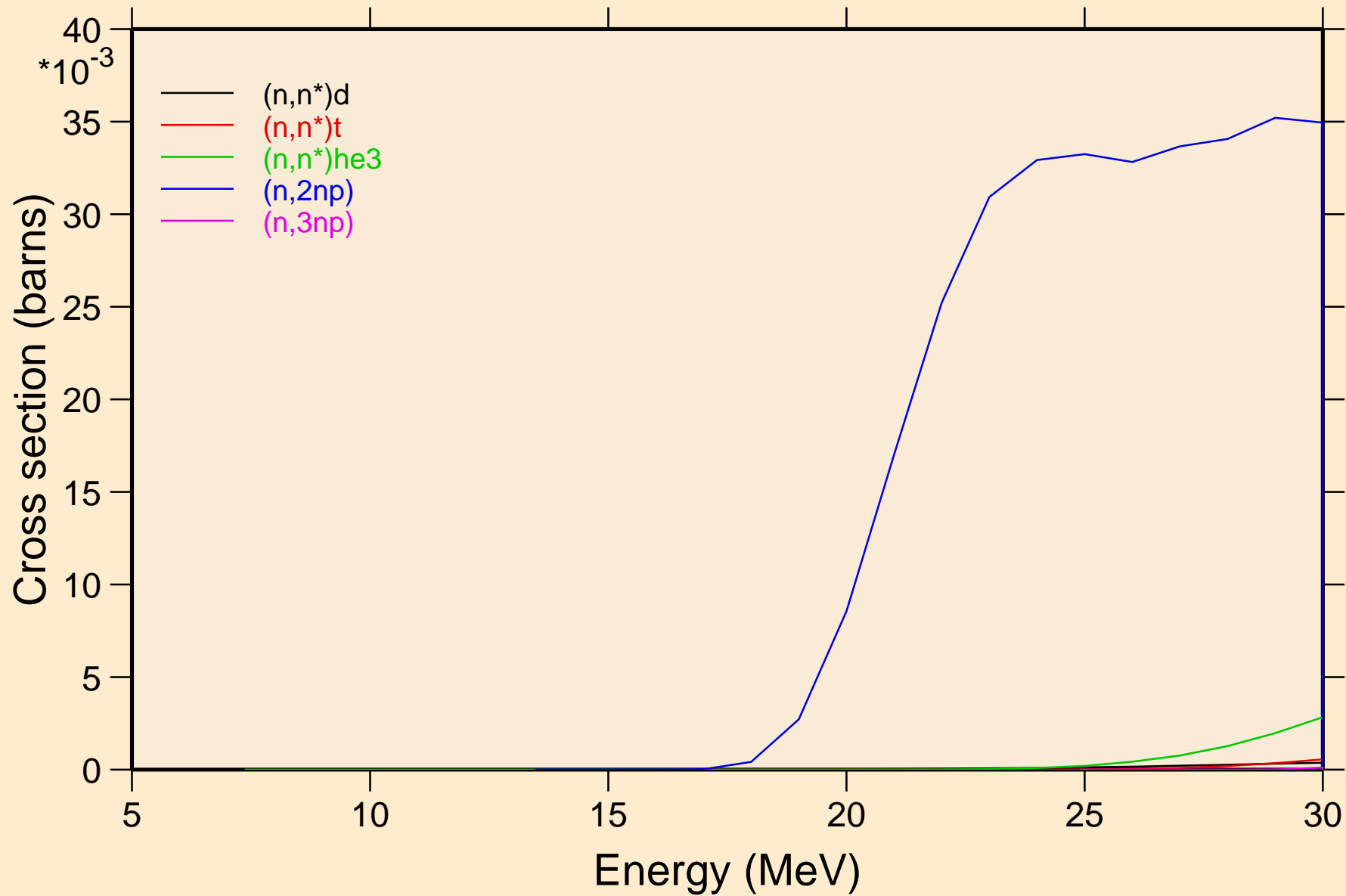
# SM137 NRG TENDL-2015, AKONING

## Threshold reactions



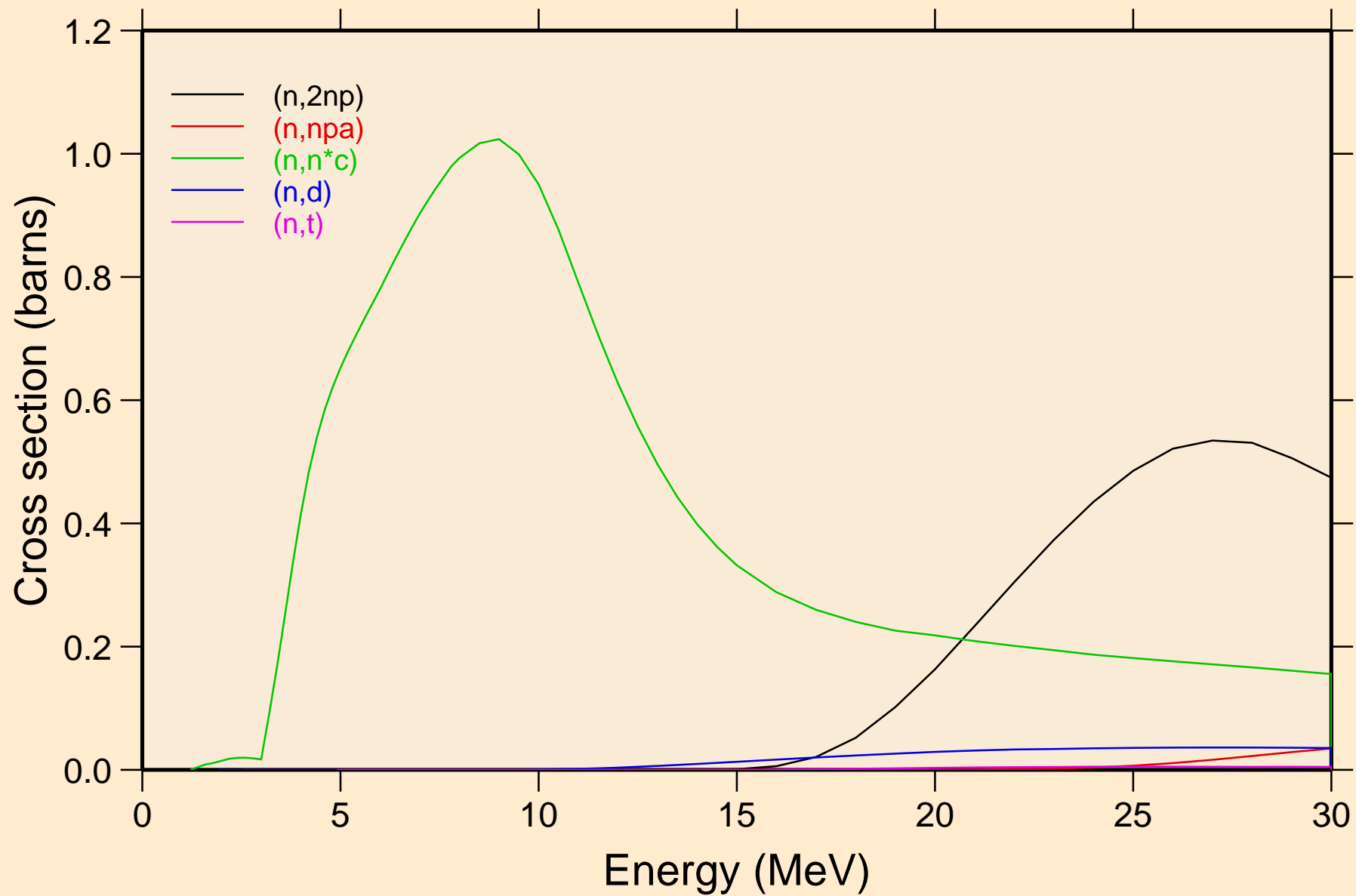
# SM137 NRG TENDL-2015, AKONING

## Threshold reactions



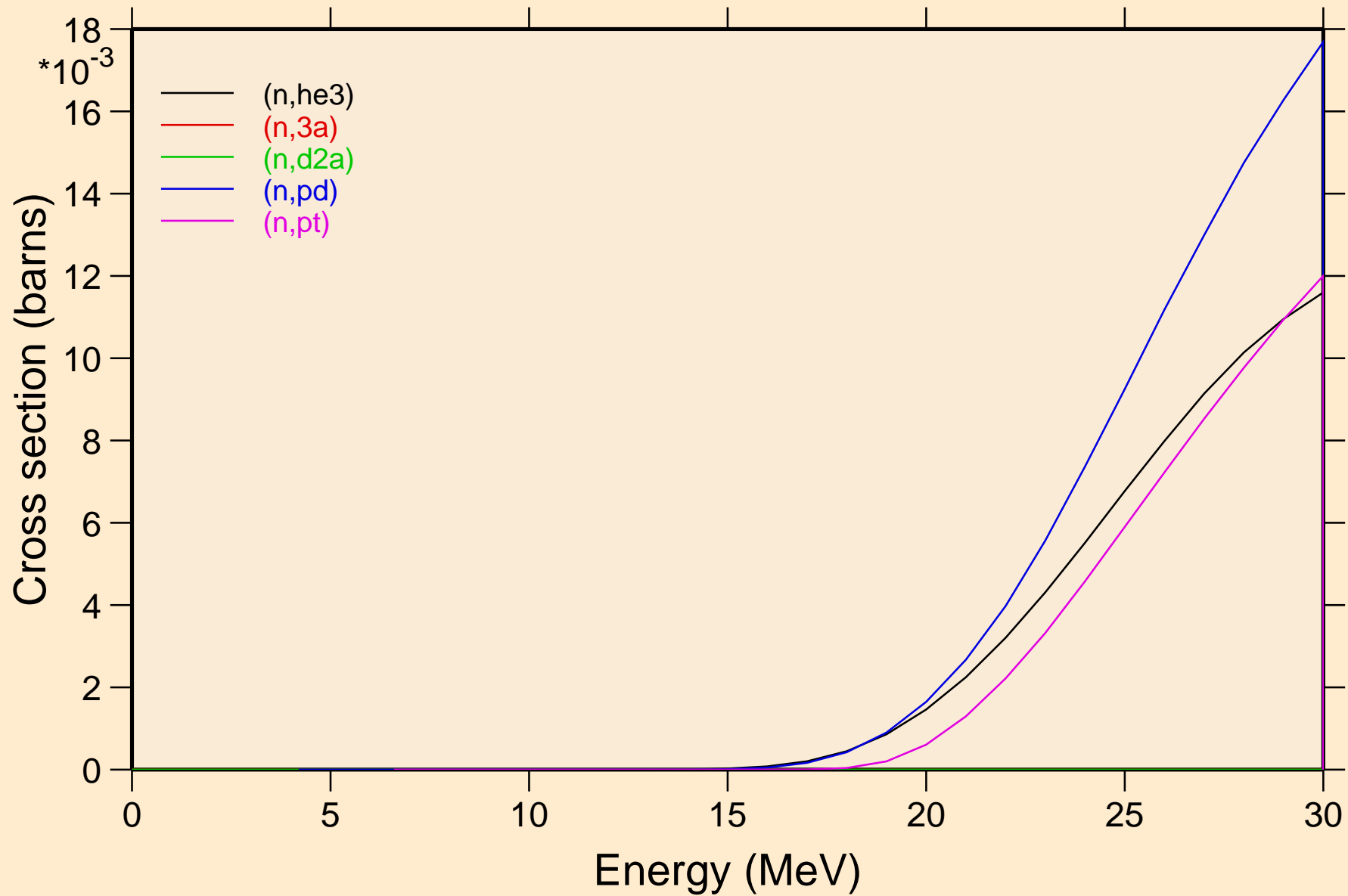
# SM137 NRG TENDL-2015, AKONING

## Threshold reactions



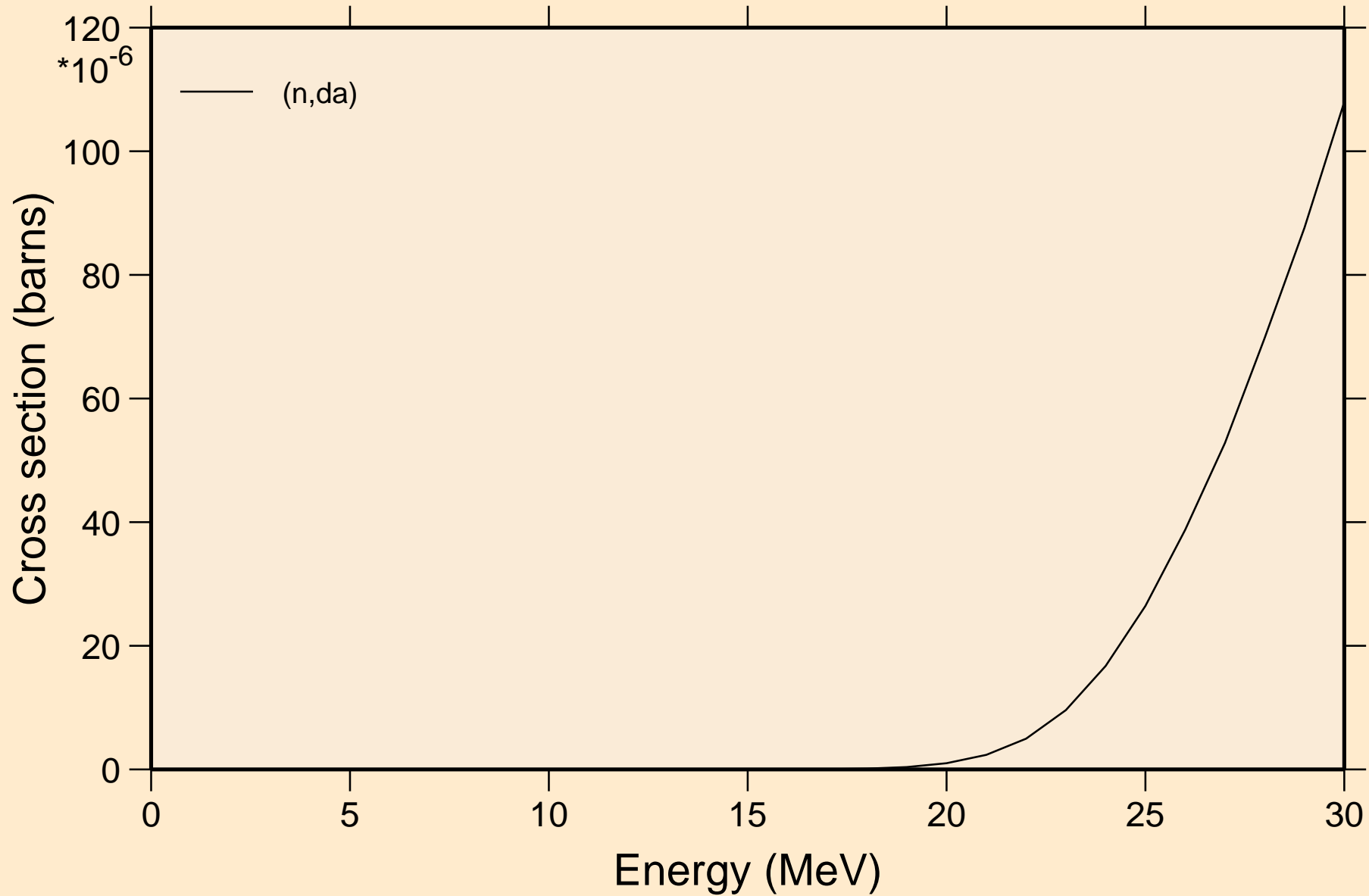
# SM137 NRG TENDL-2015, AKONING

## Threshold reactions



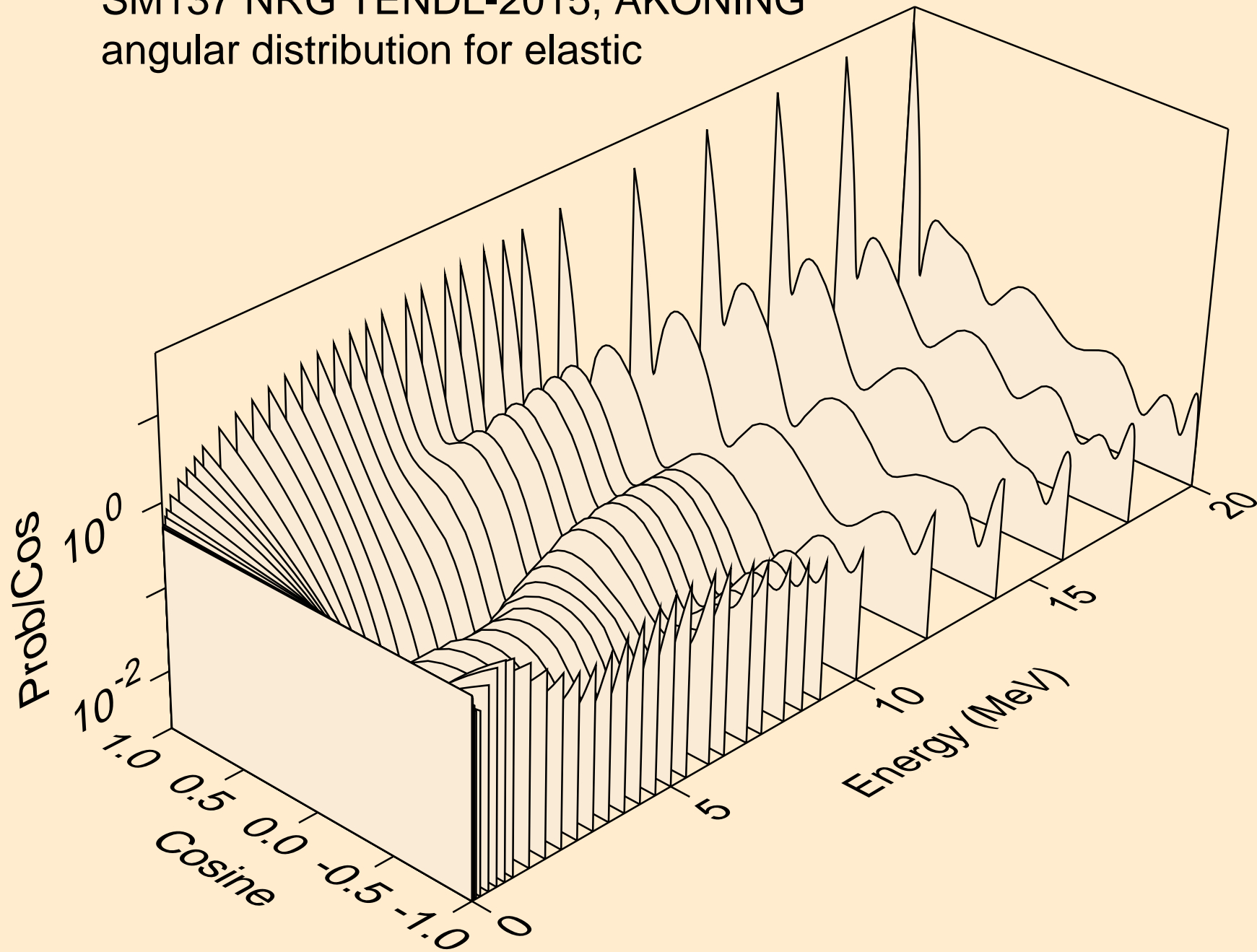
# SM137 NRG TENDL-2015, AKONING

## Threshold reactions

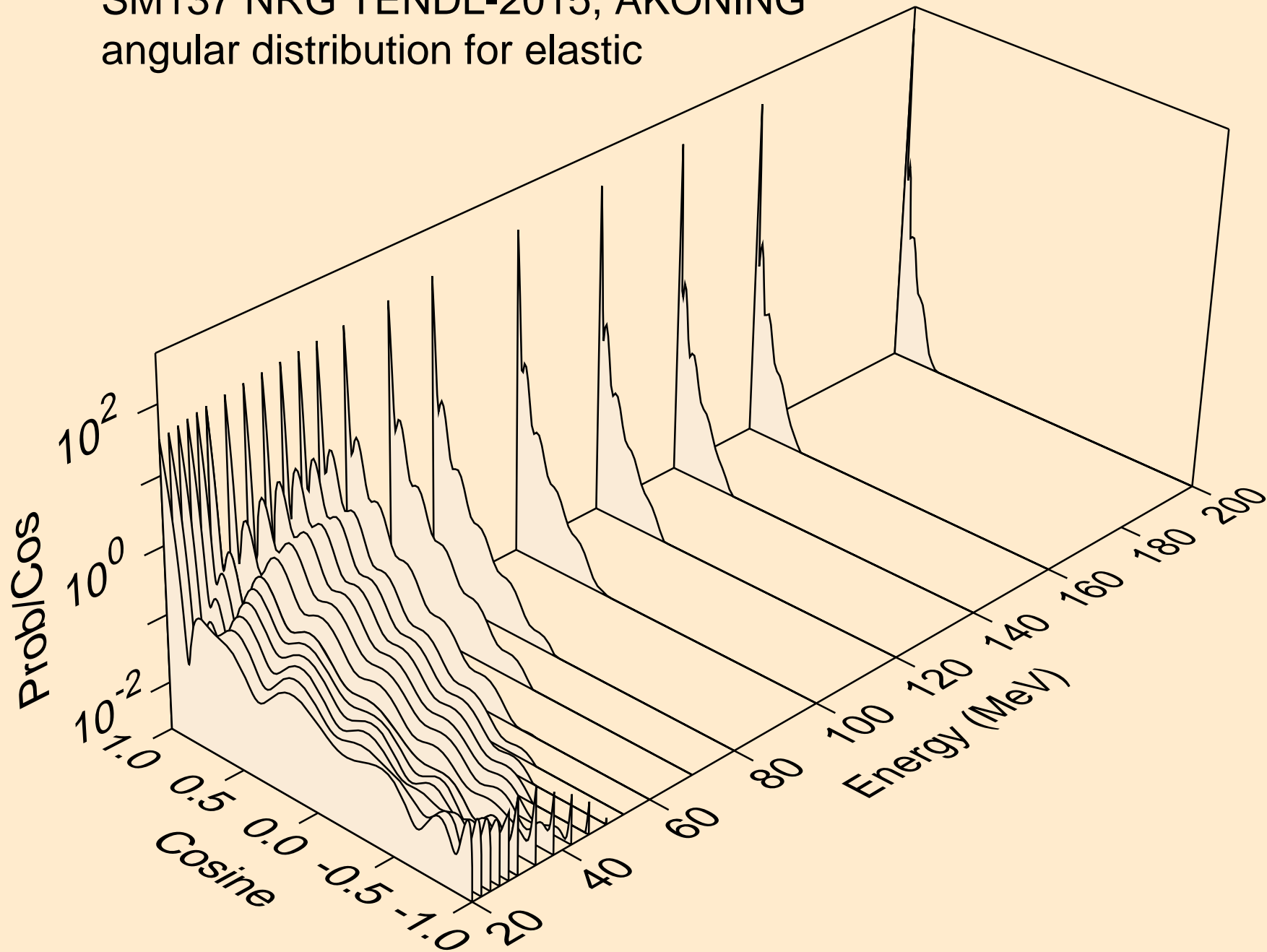




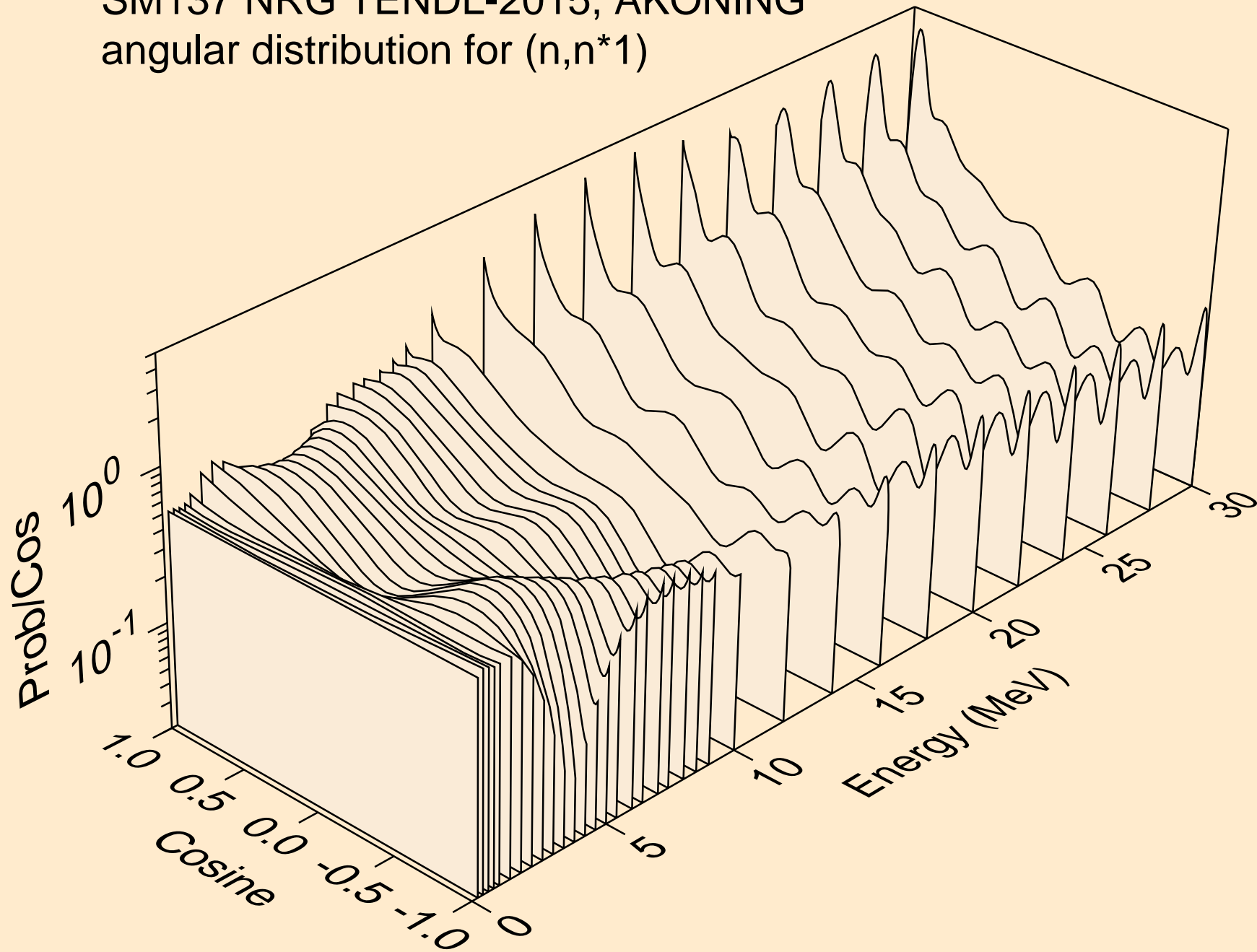
SM137 NRG TENDL-2015, AKONING  
angular distribution for elastic



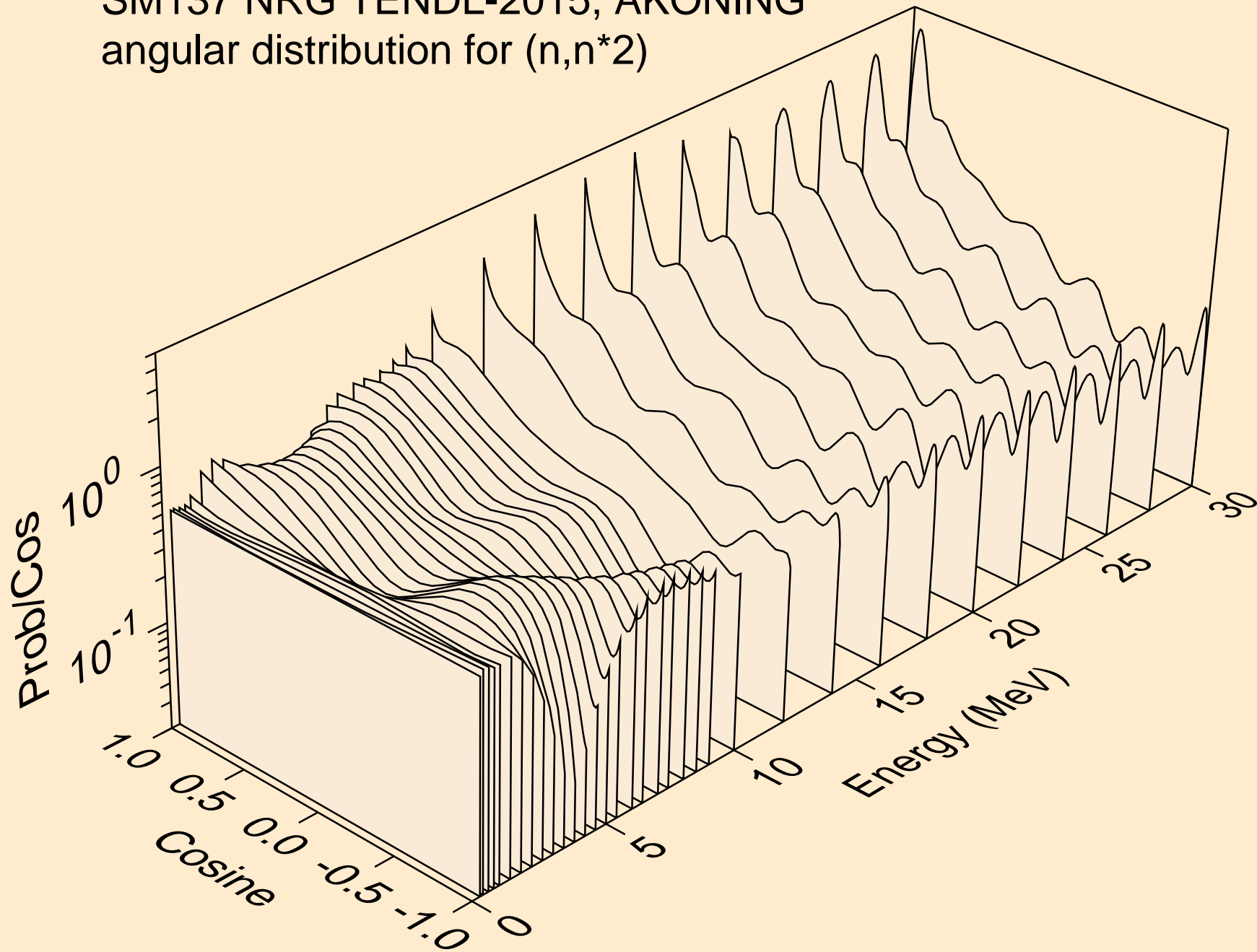
SM137 NRG TENDL-2015, AKONING  
angular distribution for elastic



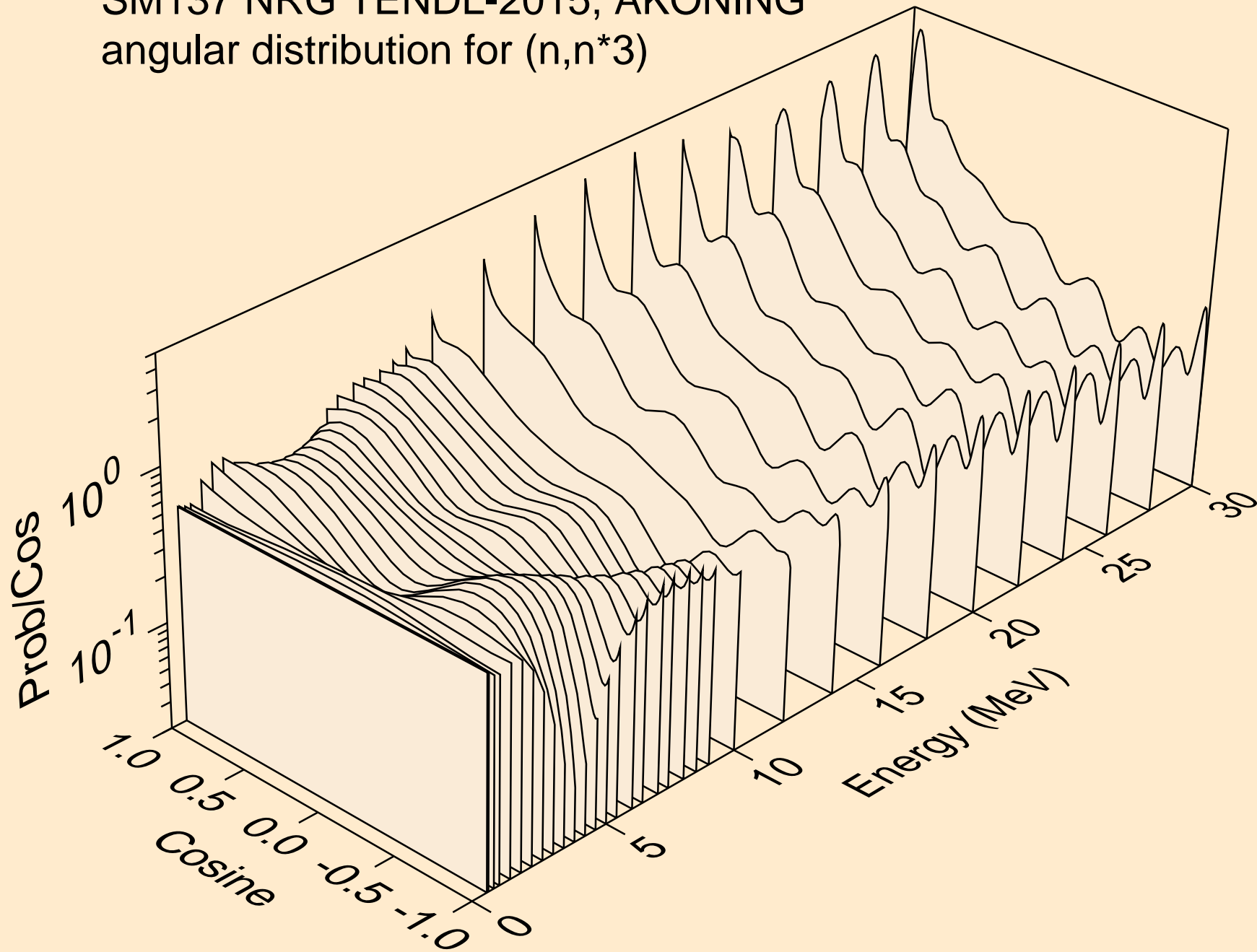
SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



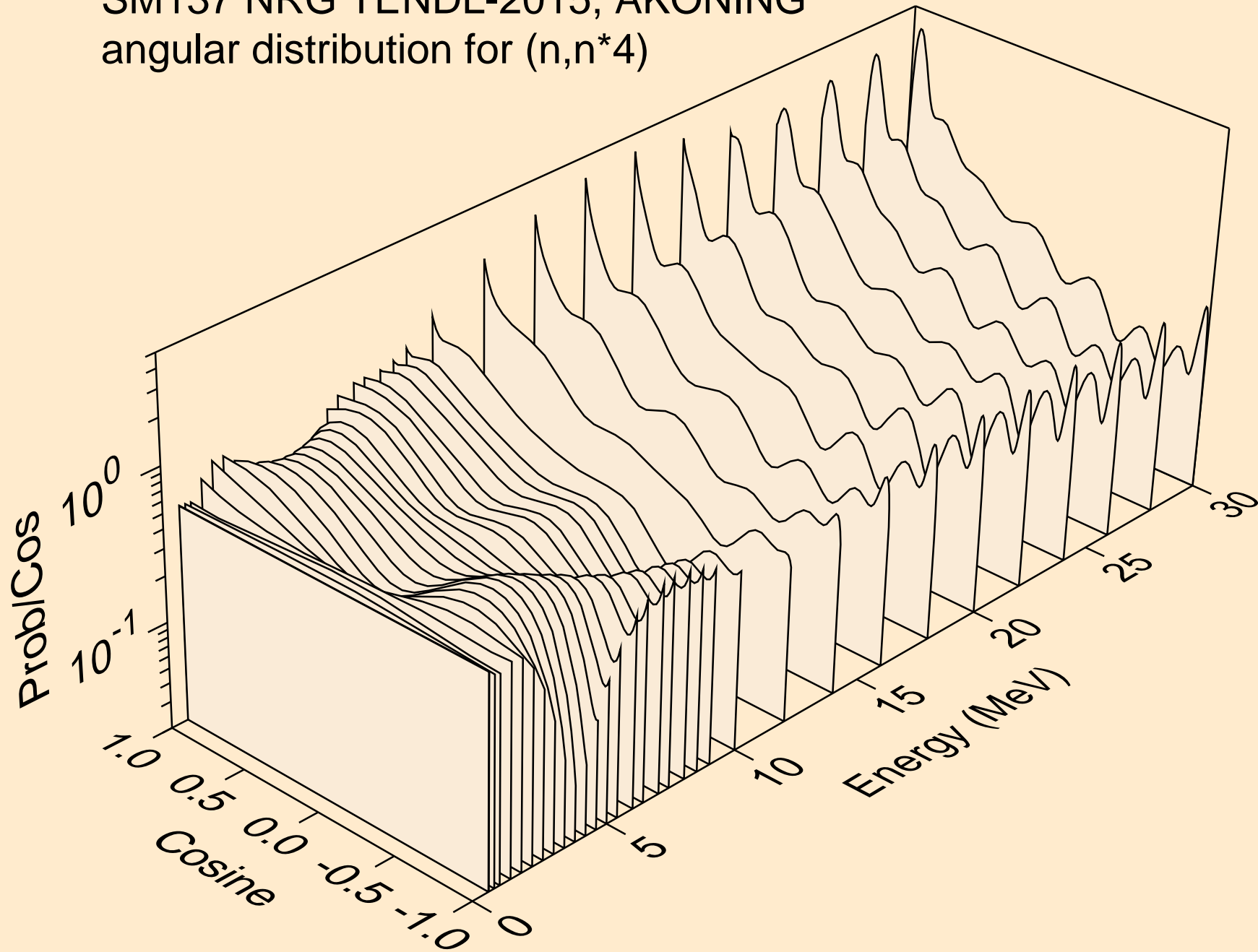
SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



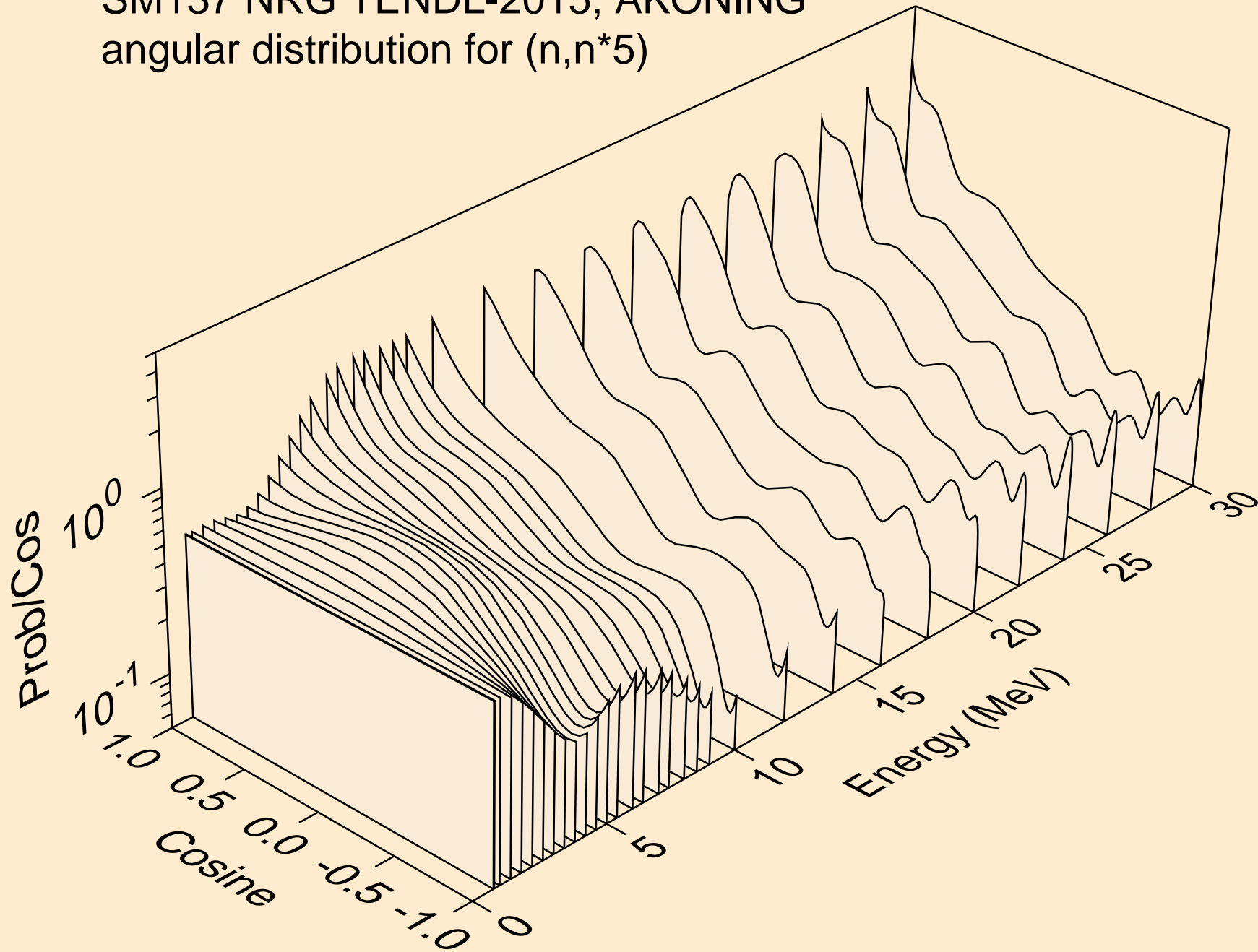
SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



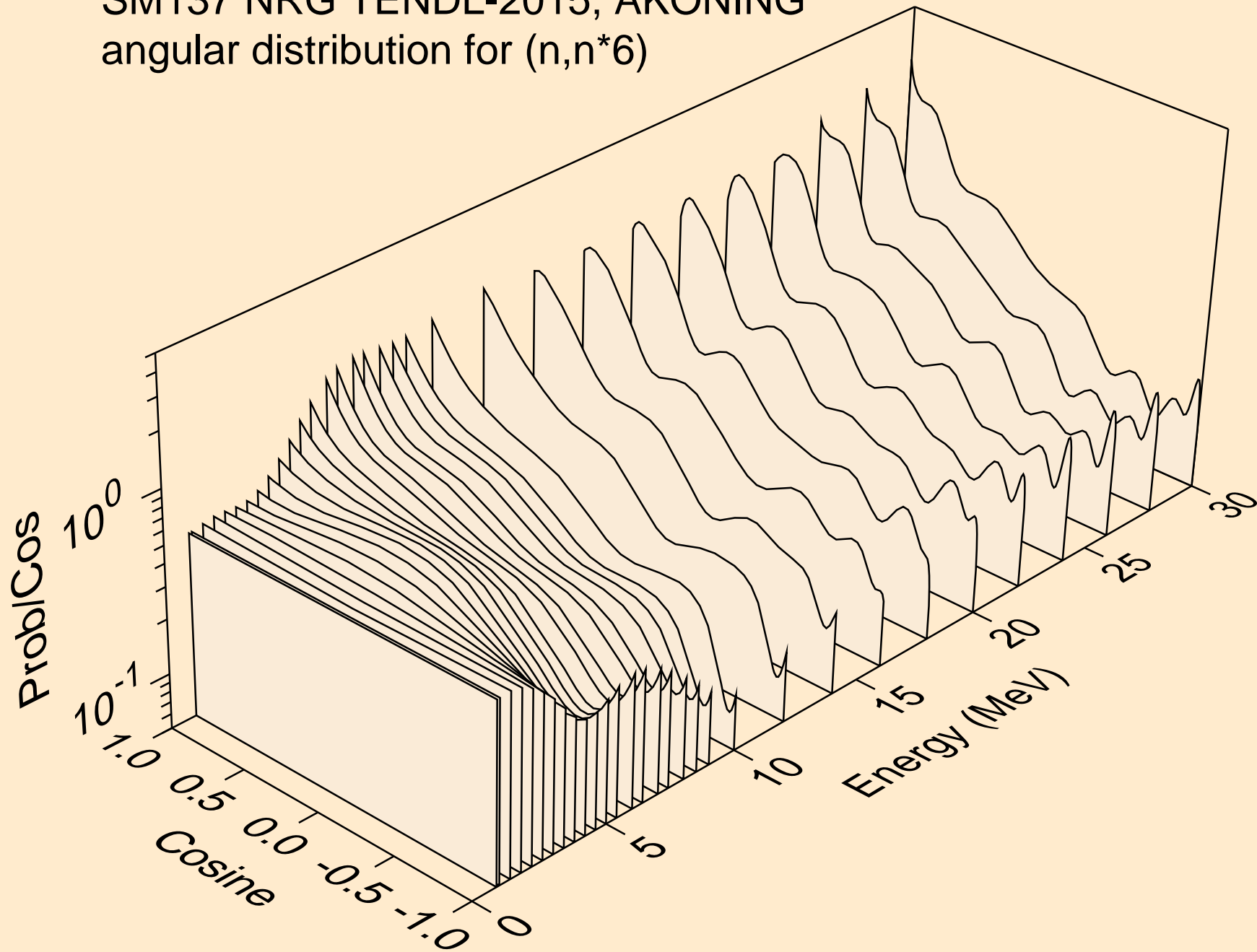
SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

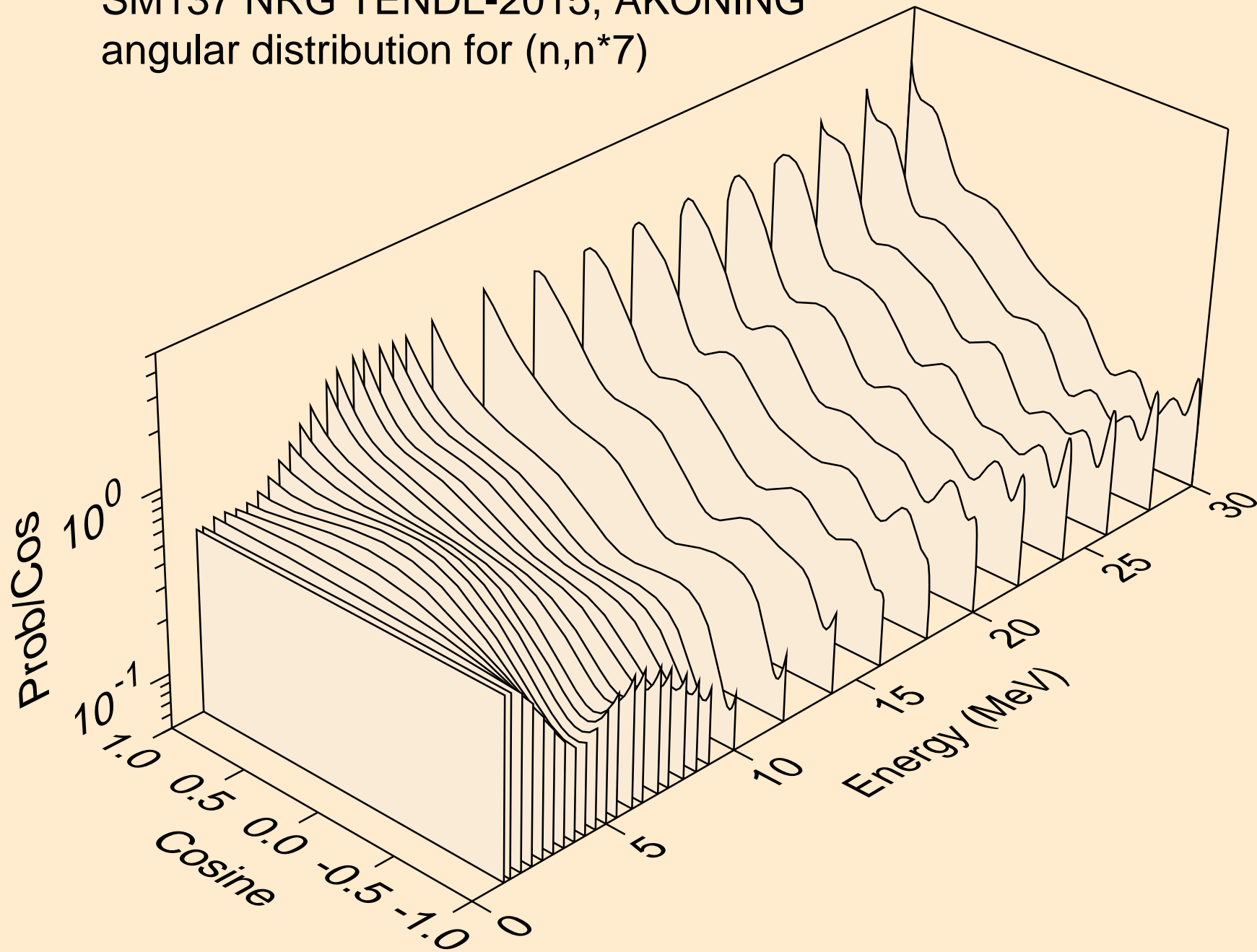


SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

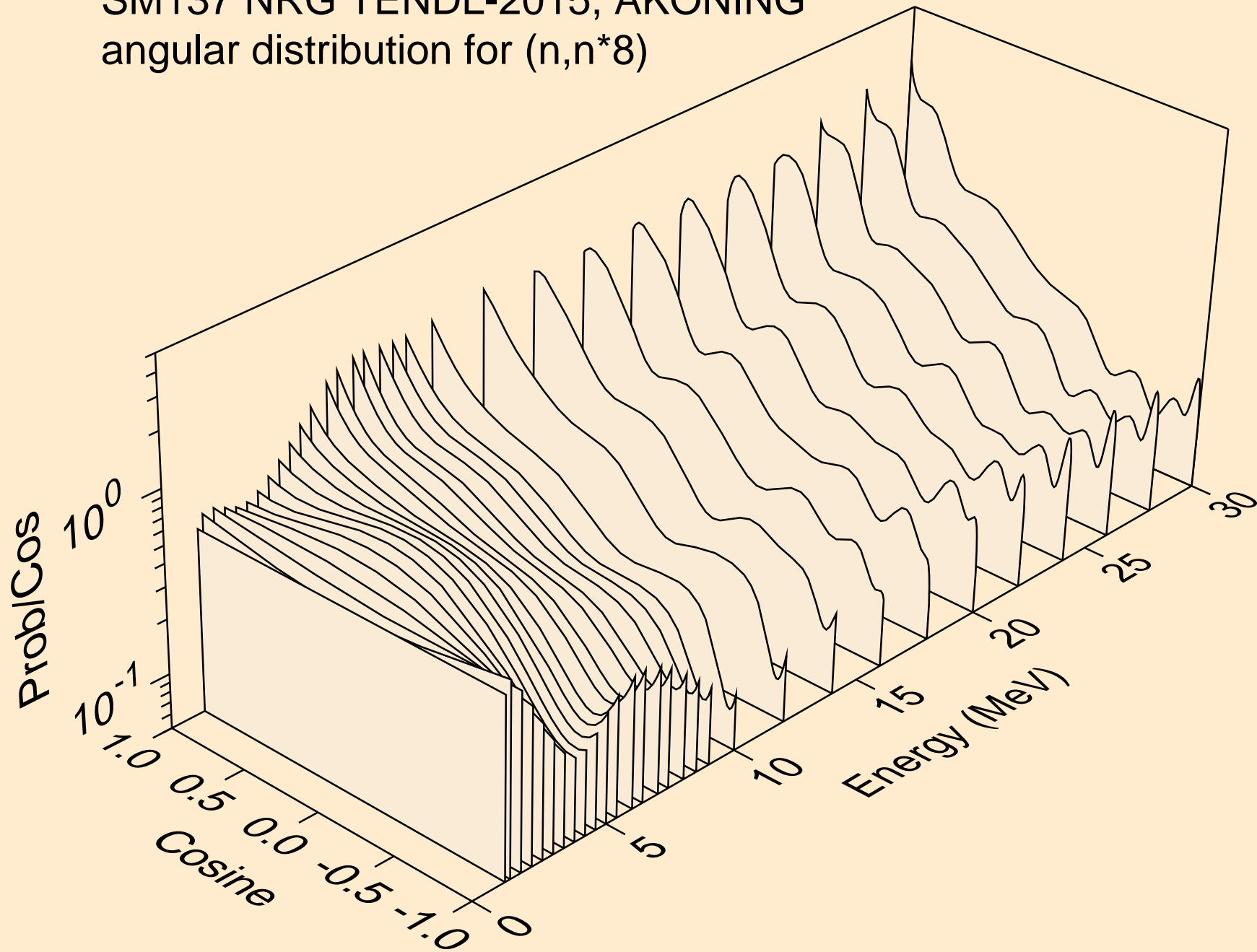




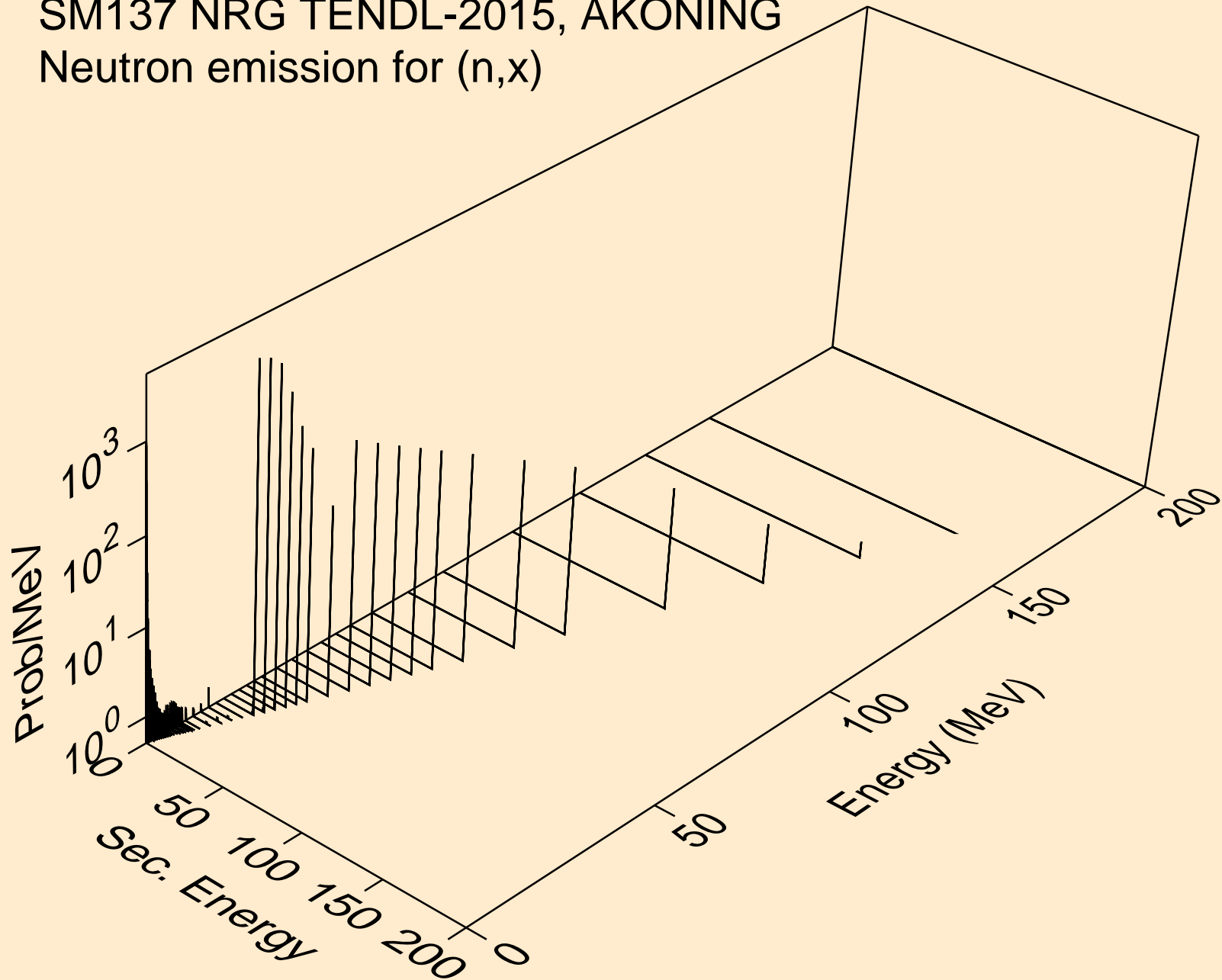
SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



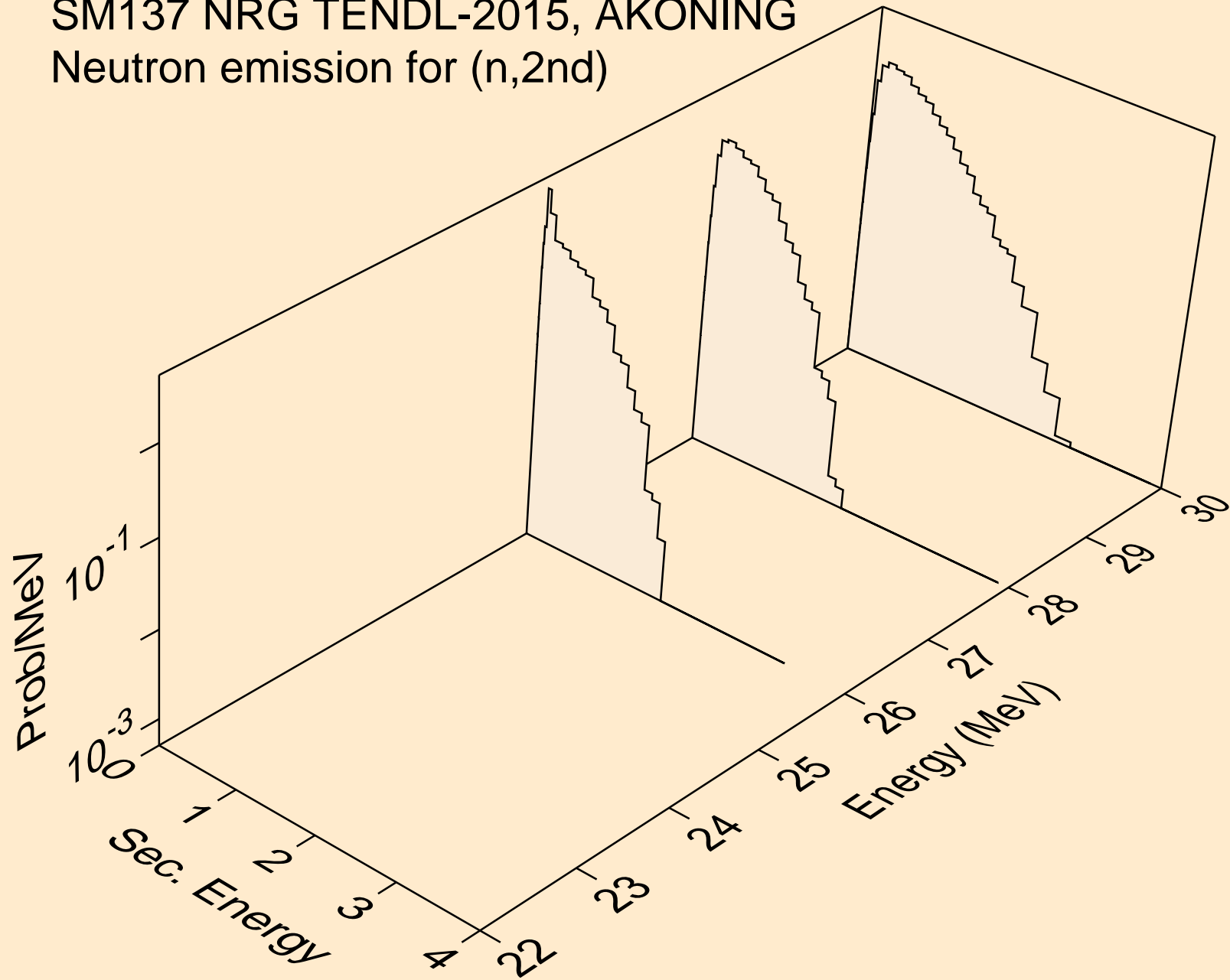
SM137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



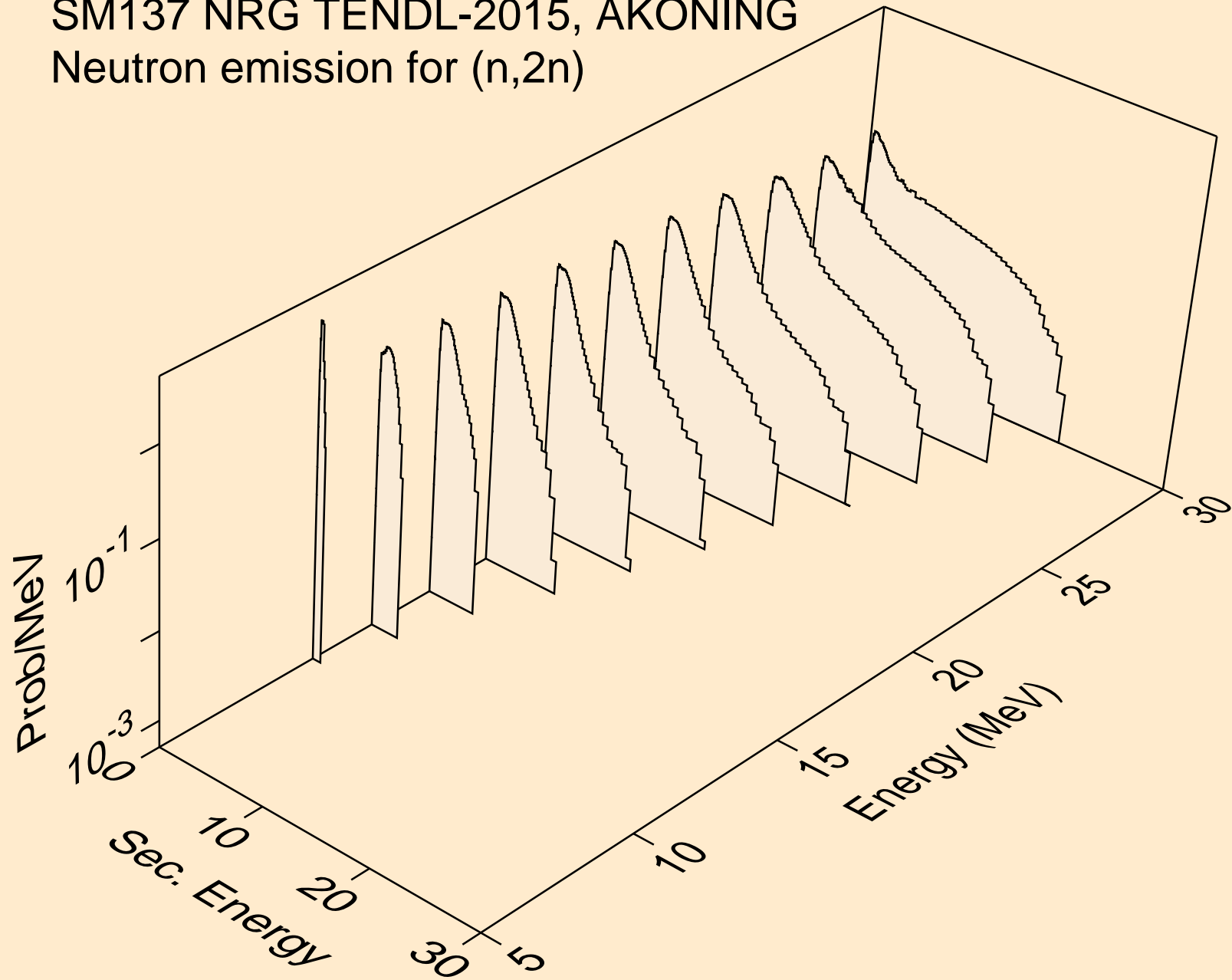
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



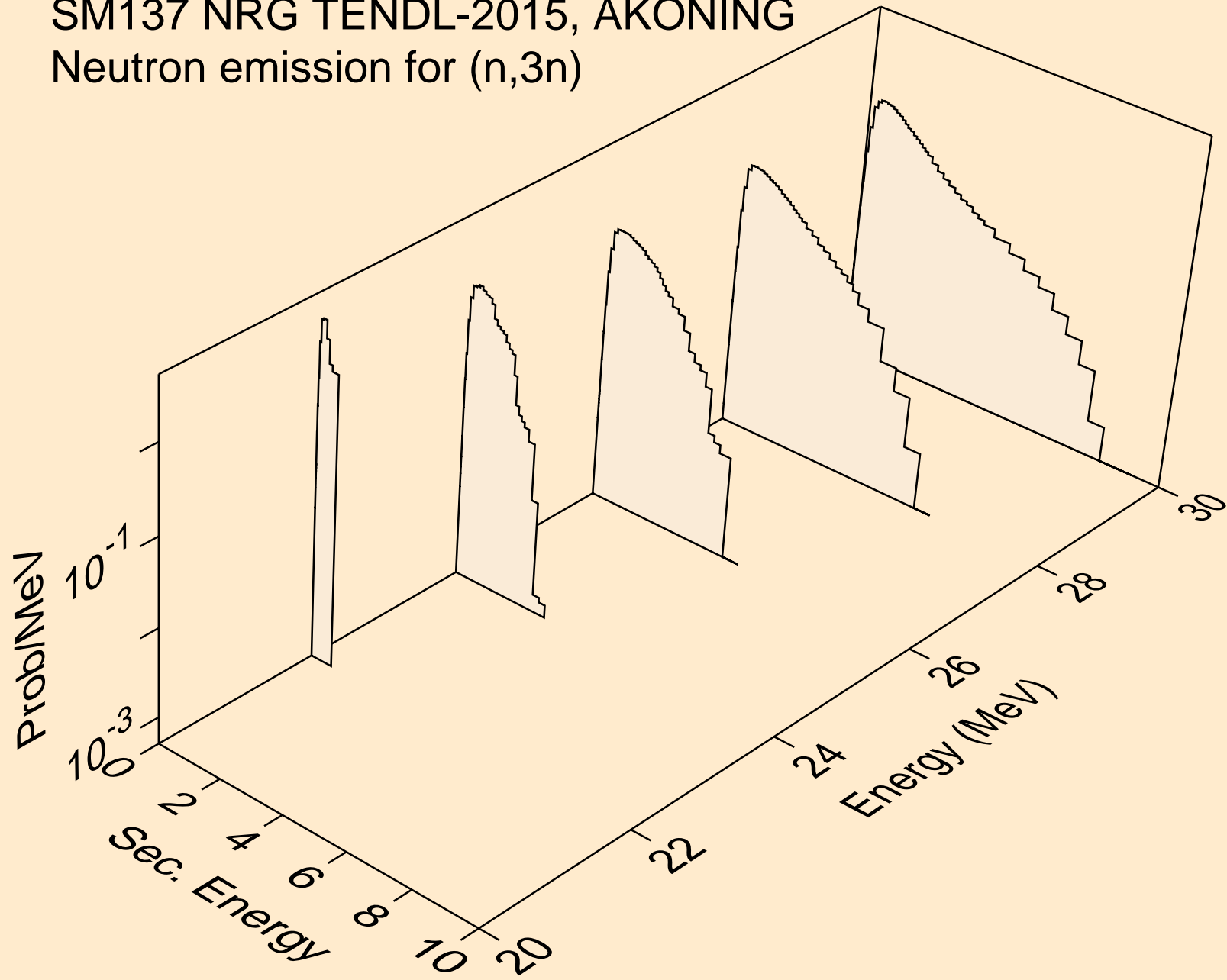
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



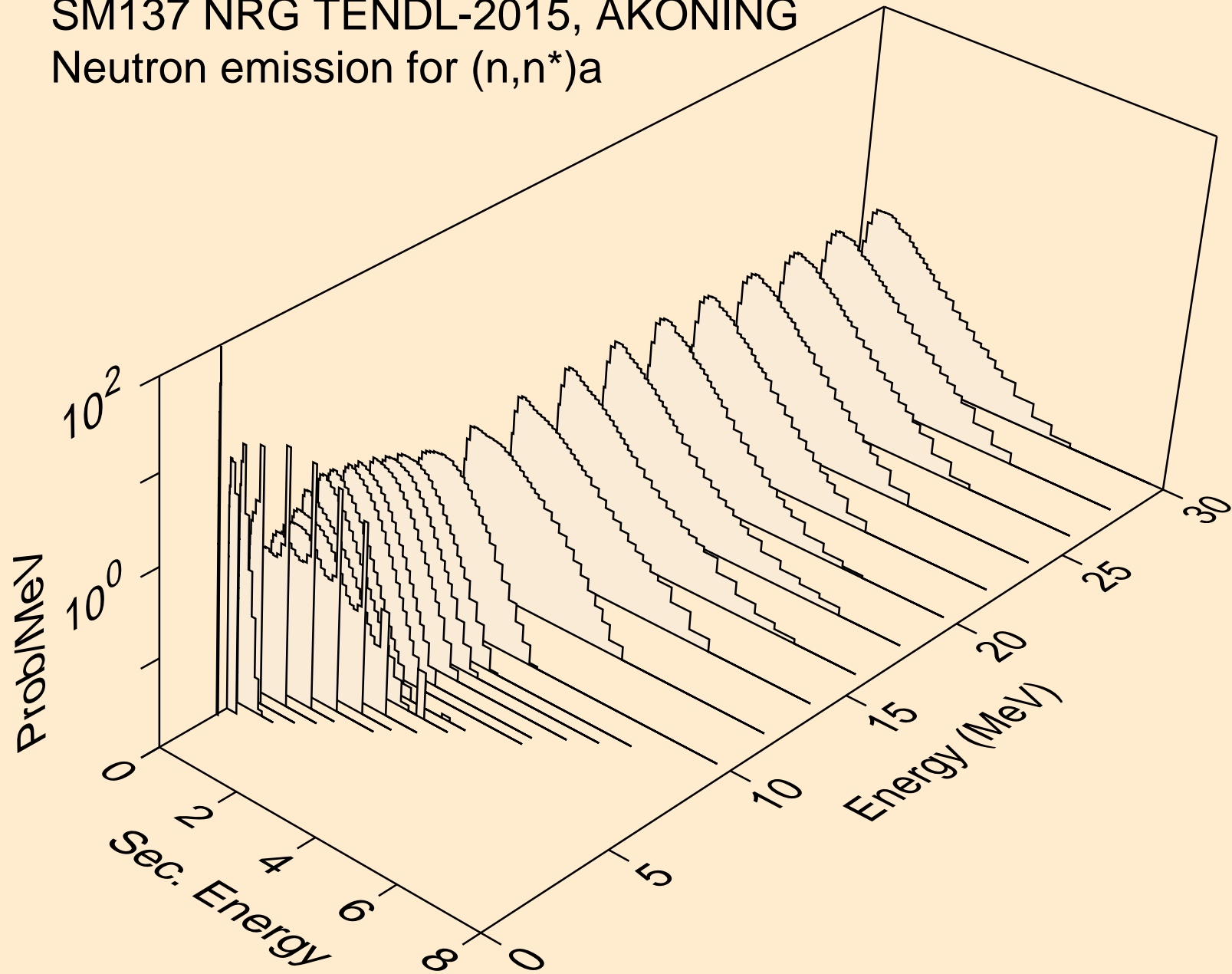
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



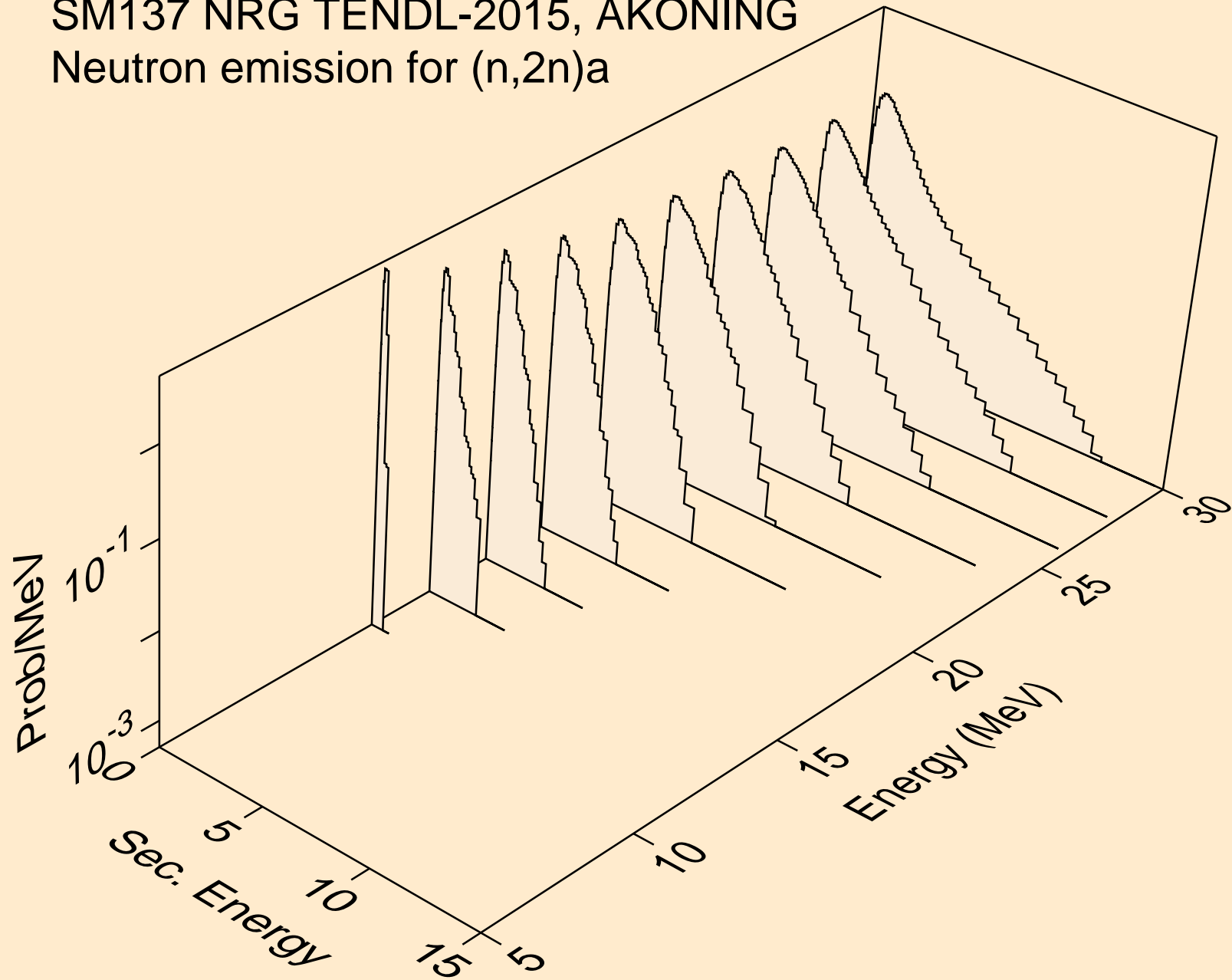
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

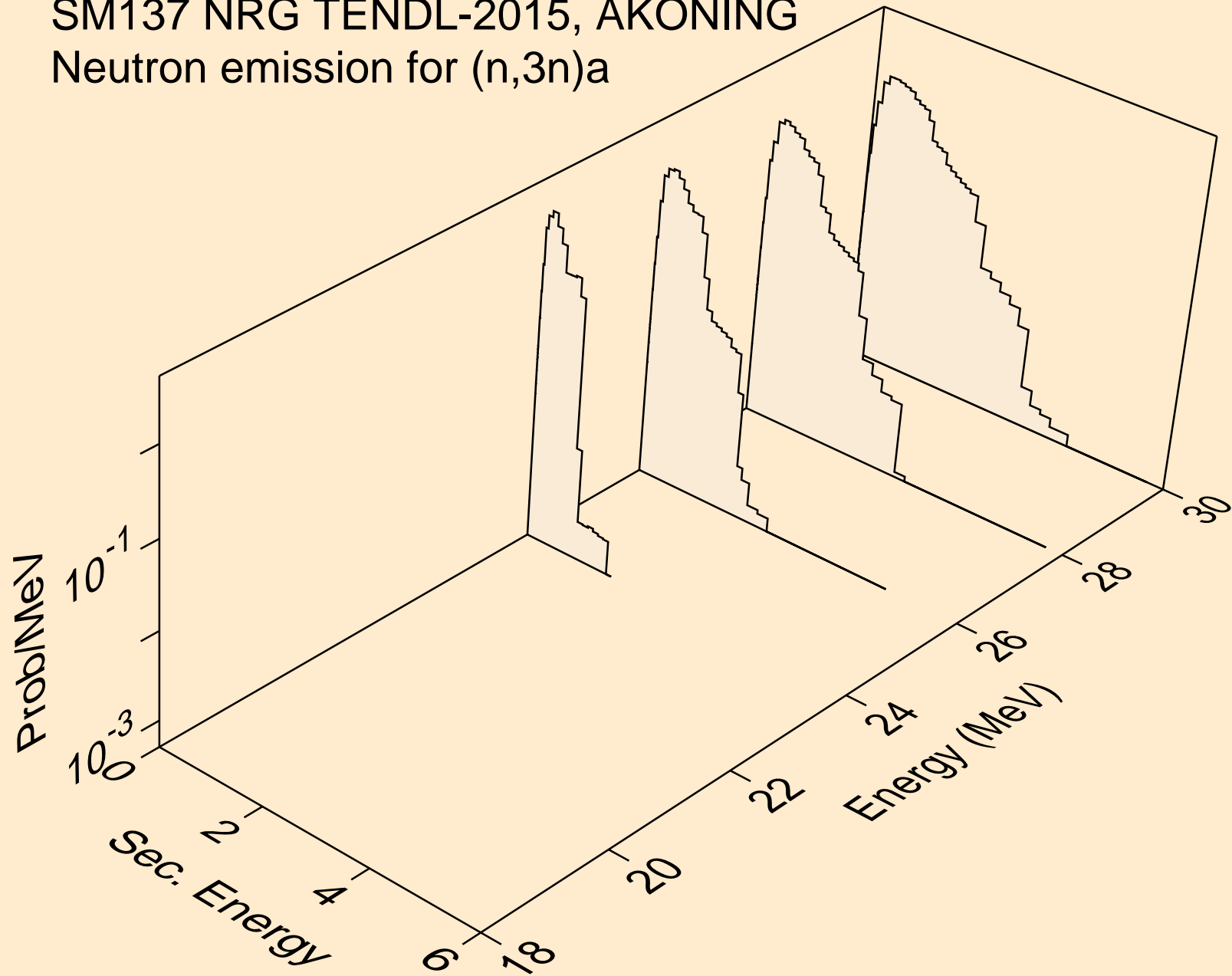


SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

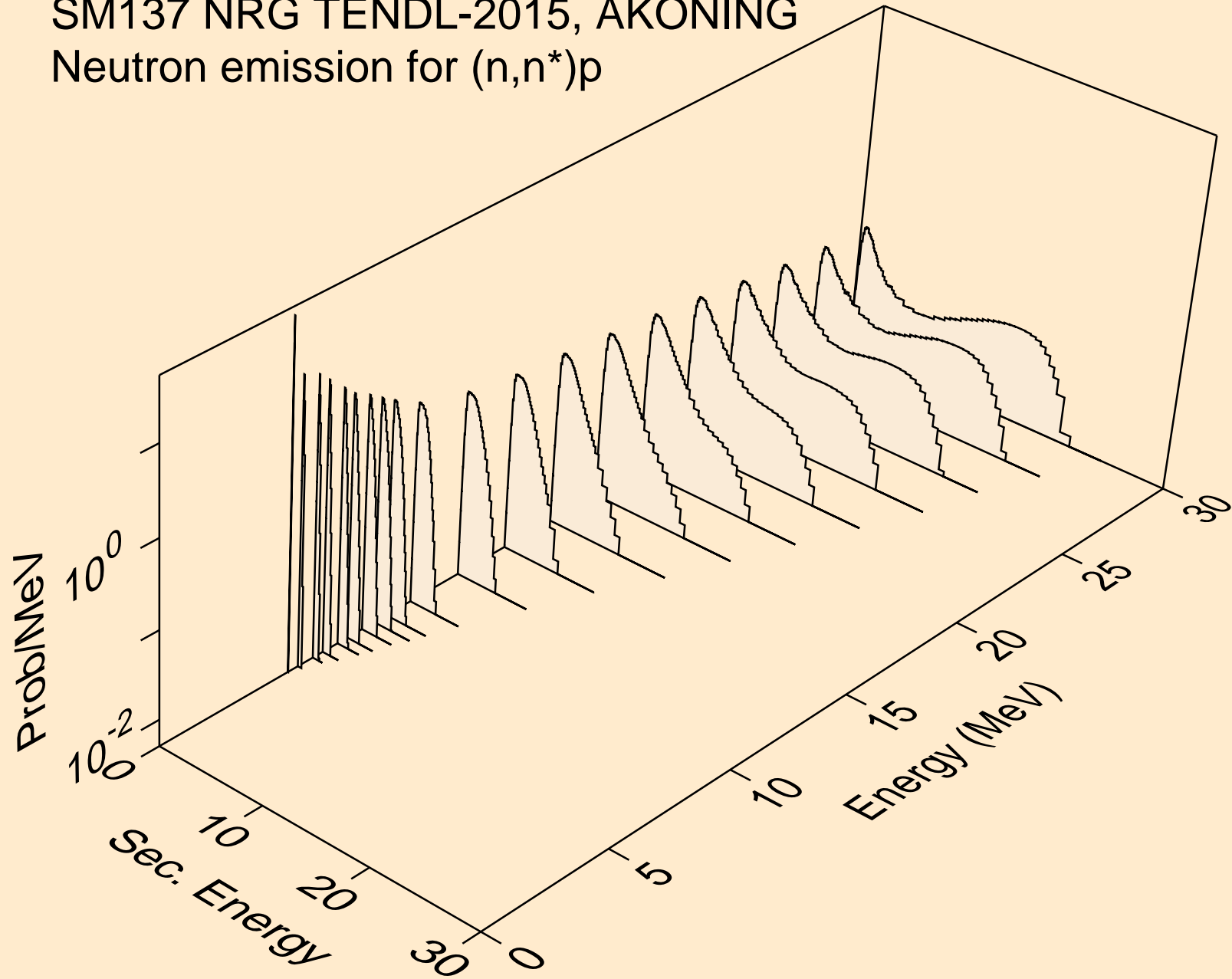




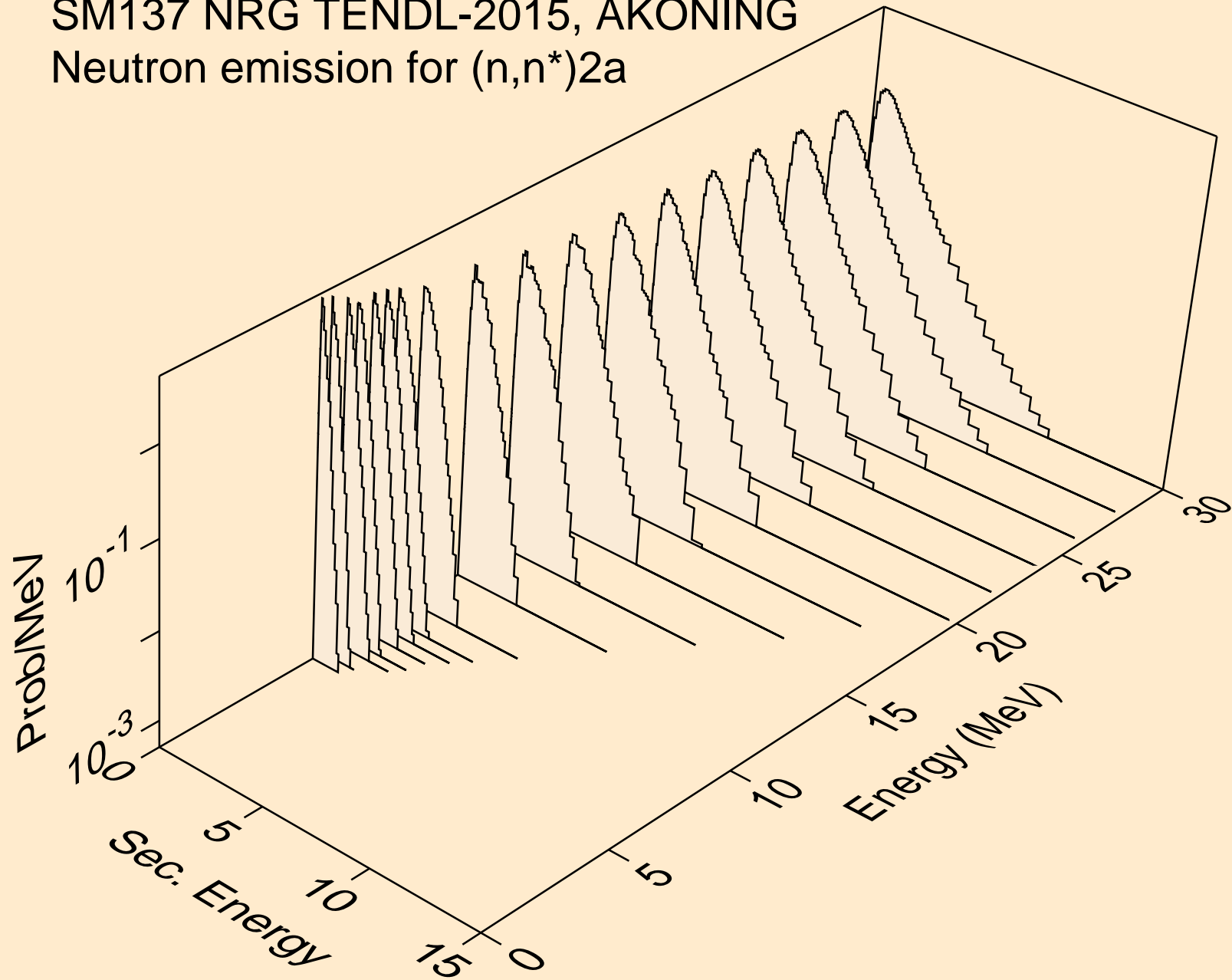
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



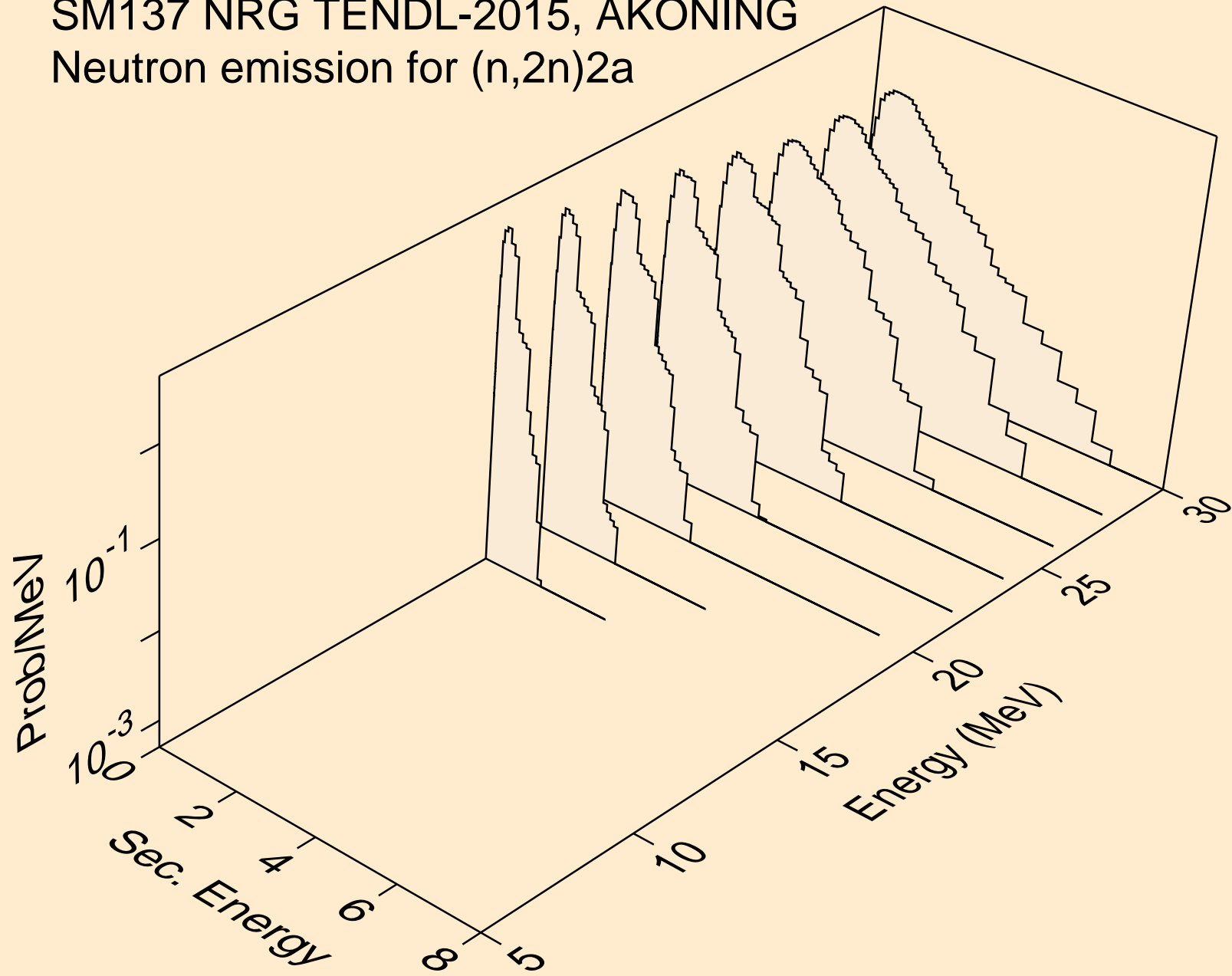
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



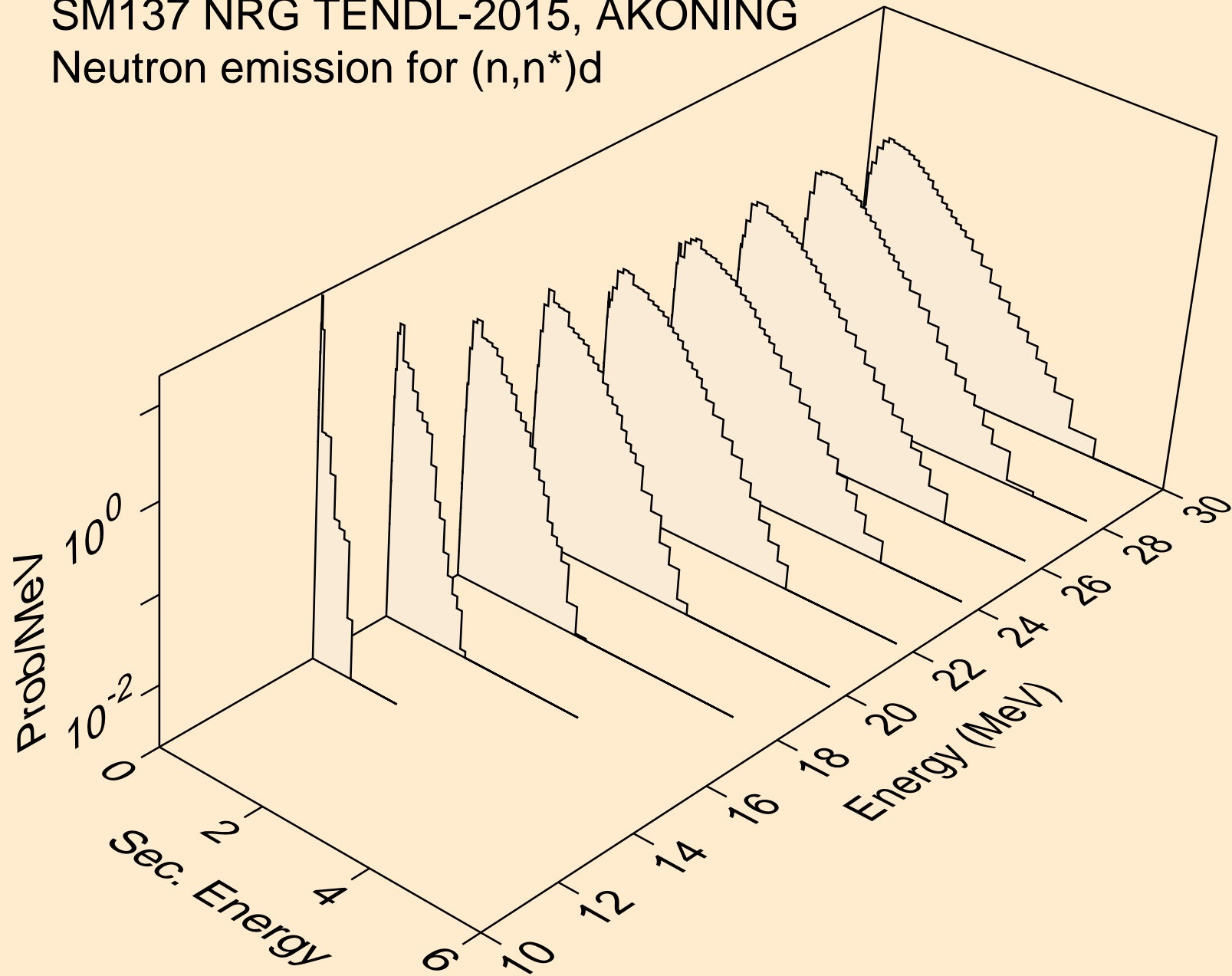
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



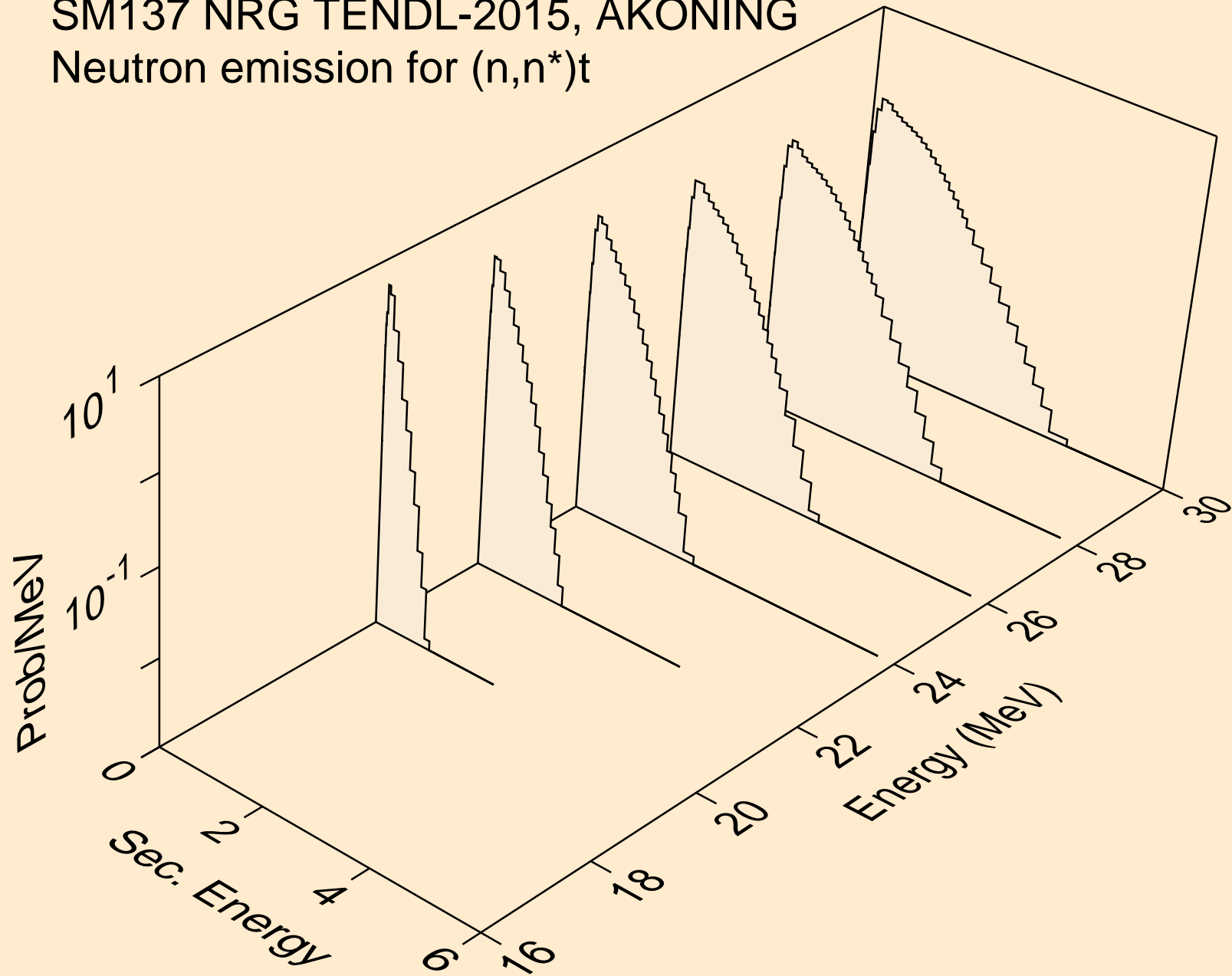
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



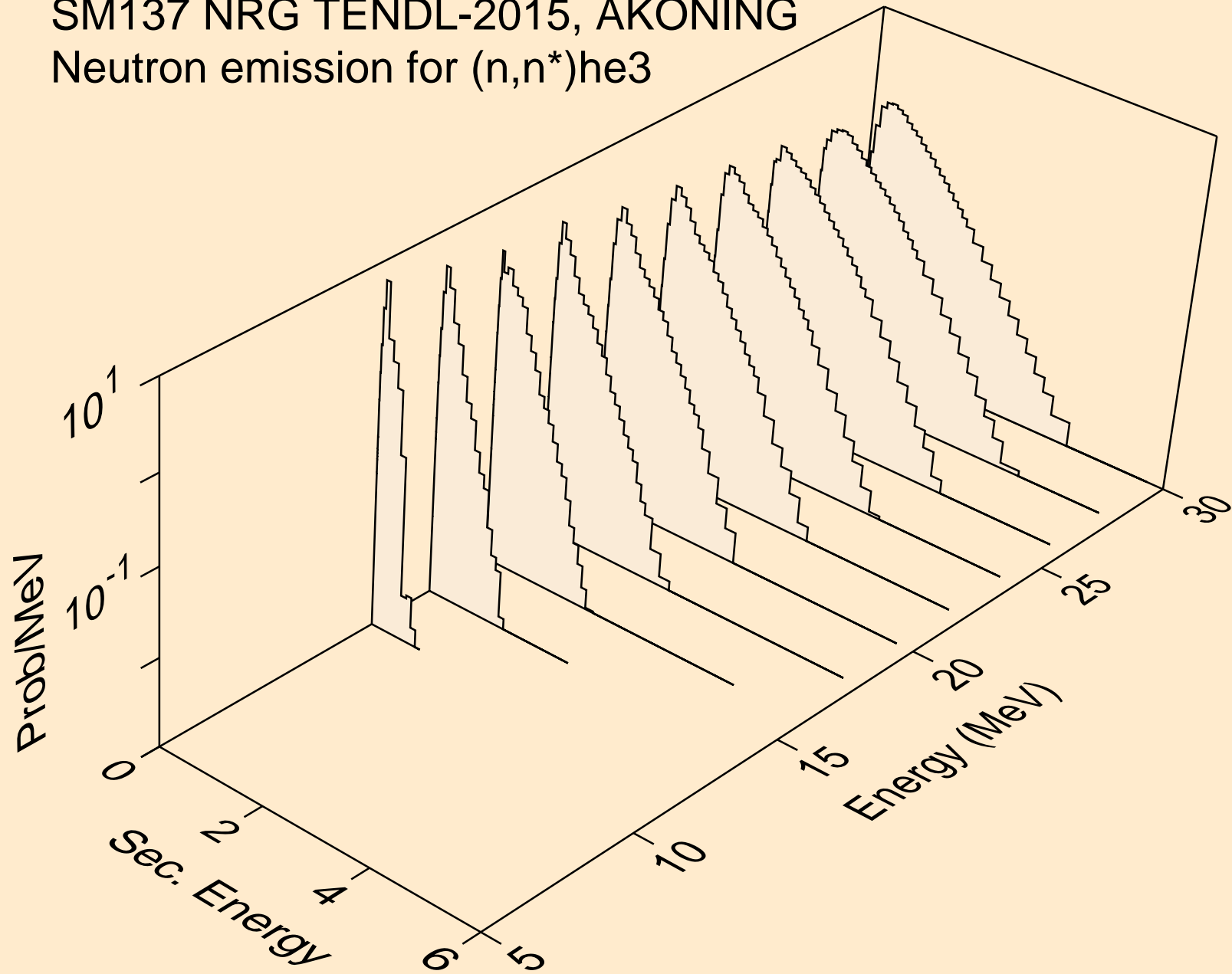
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



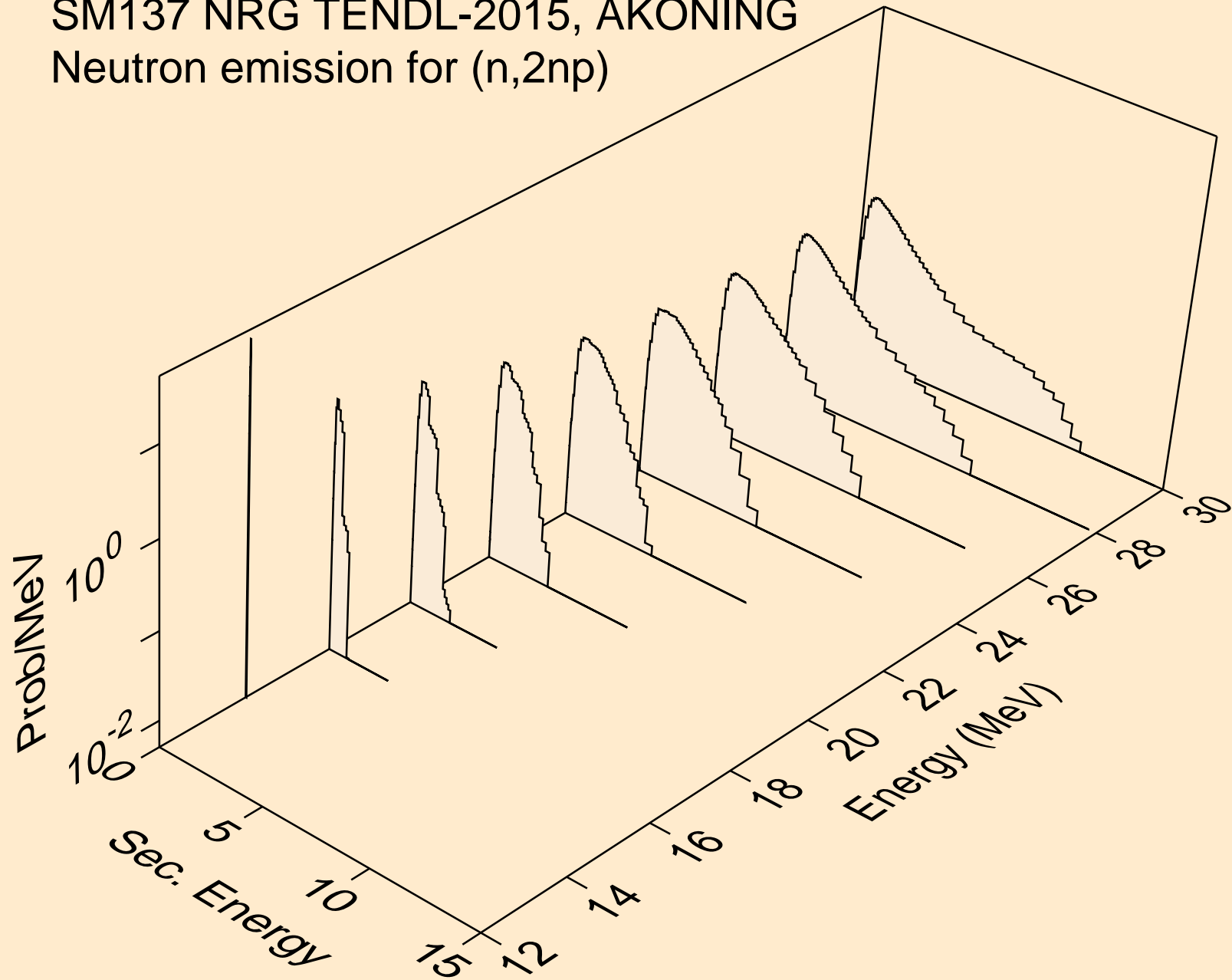
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

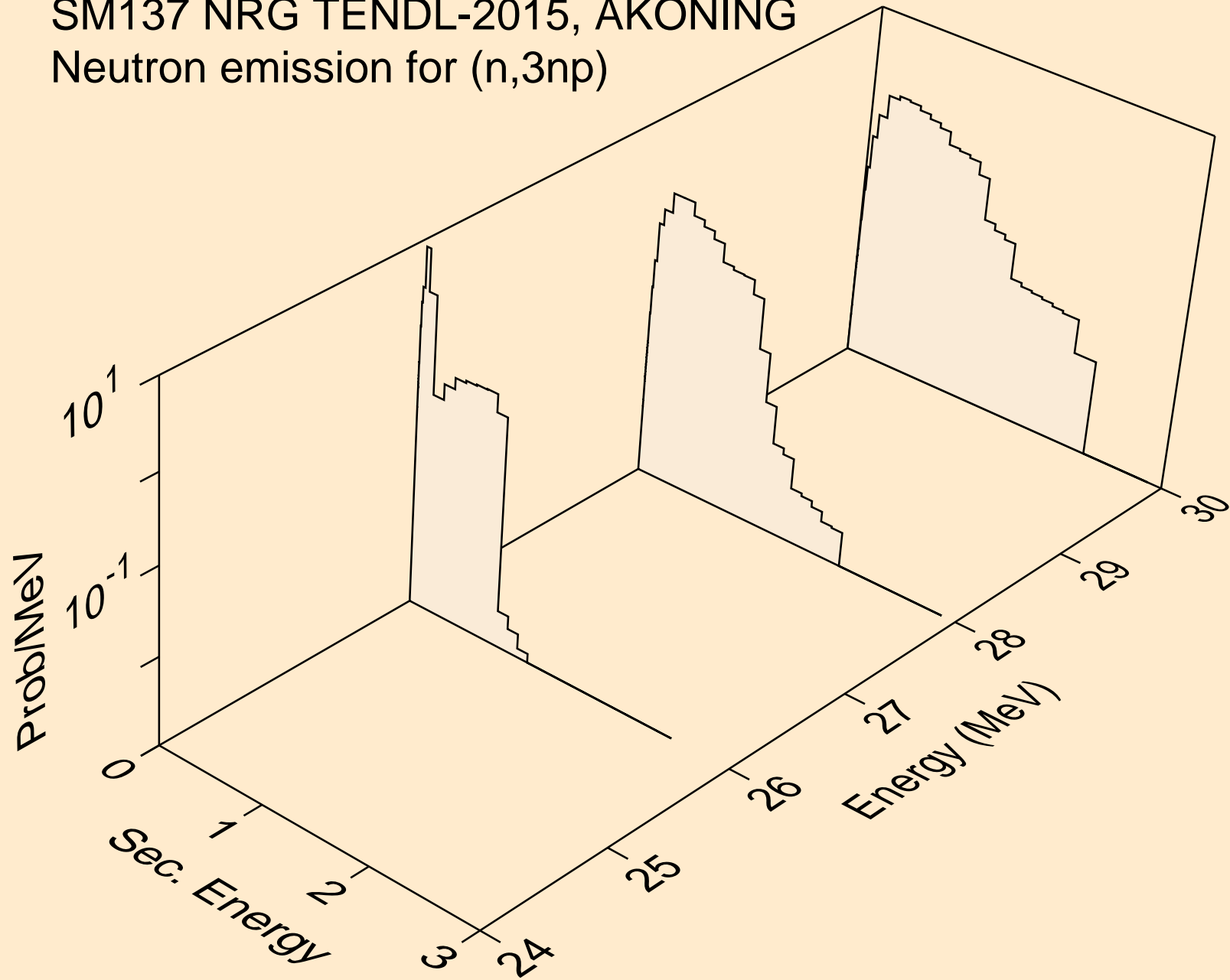


SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

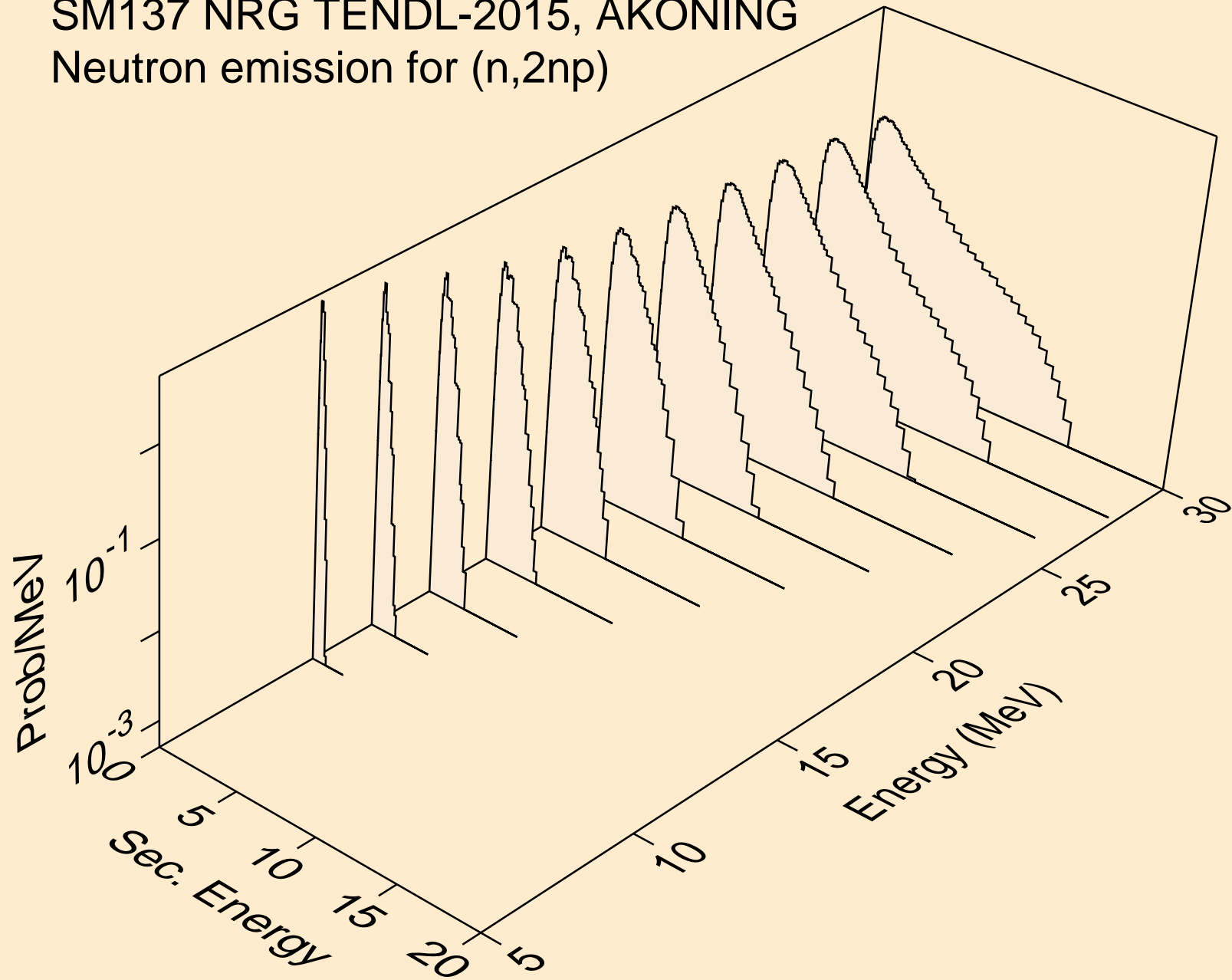




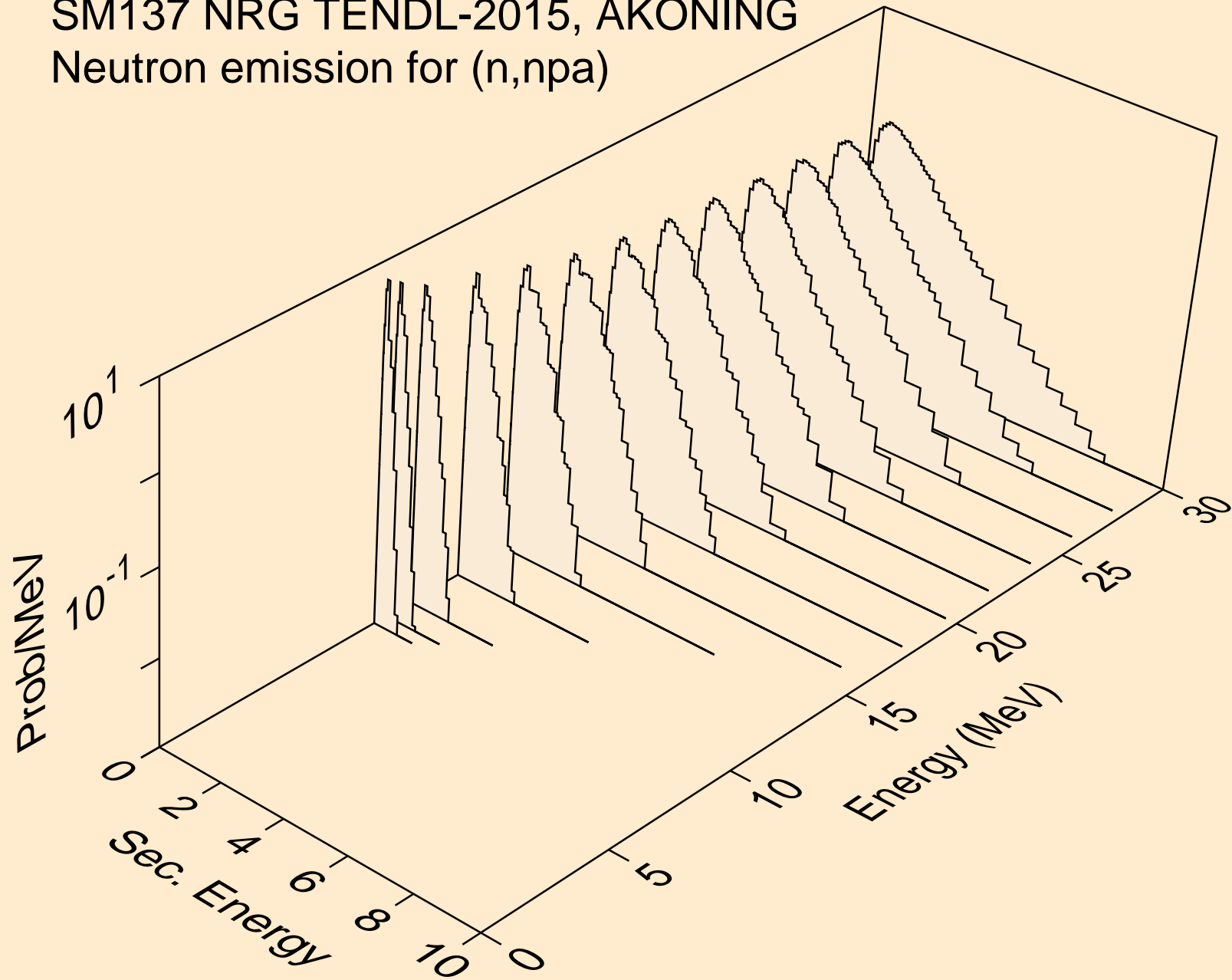
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Neutron emission for (n,3np)



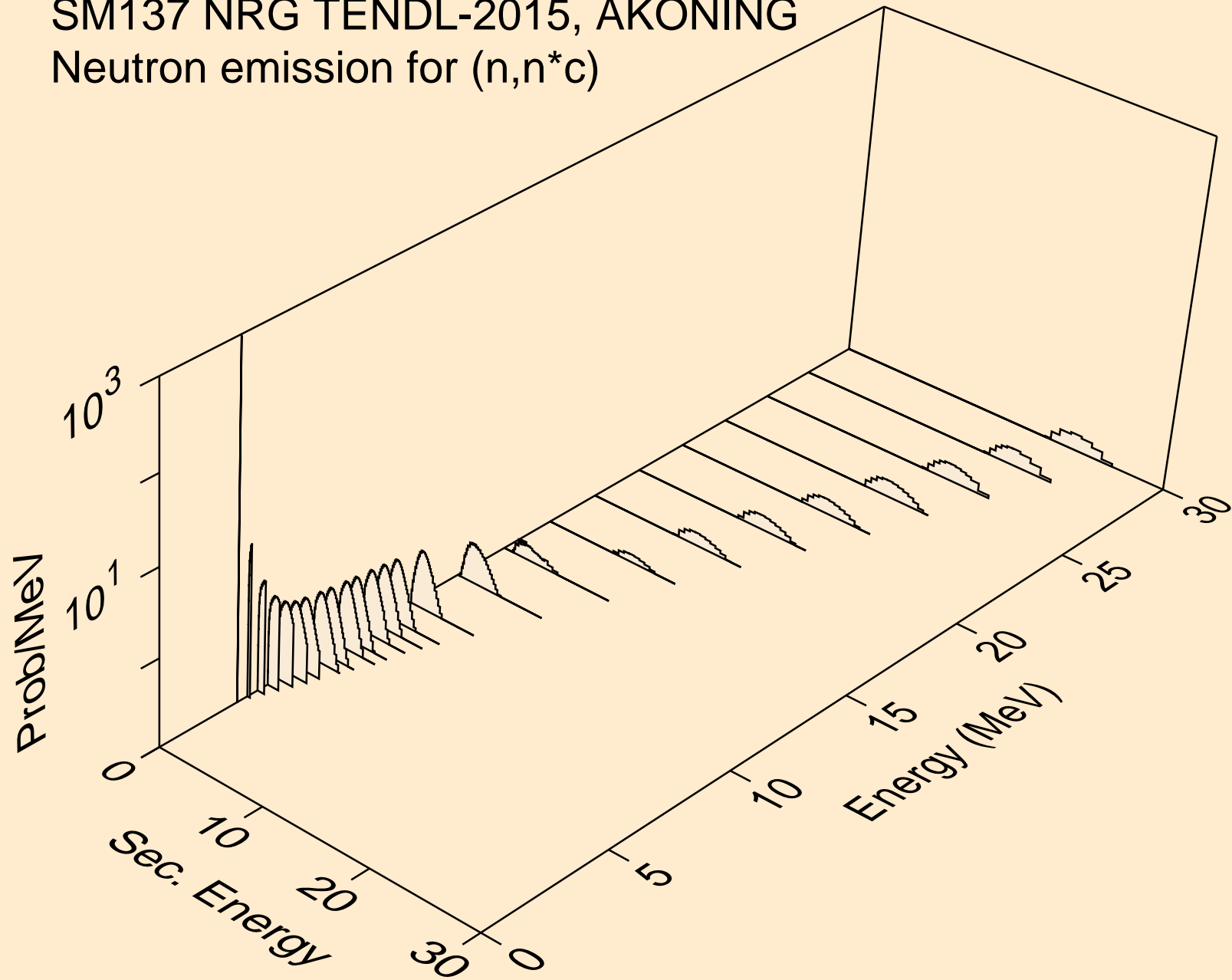
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



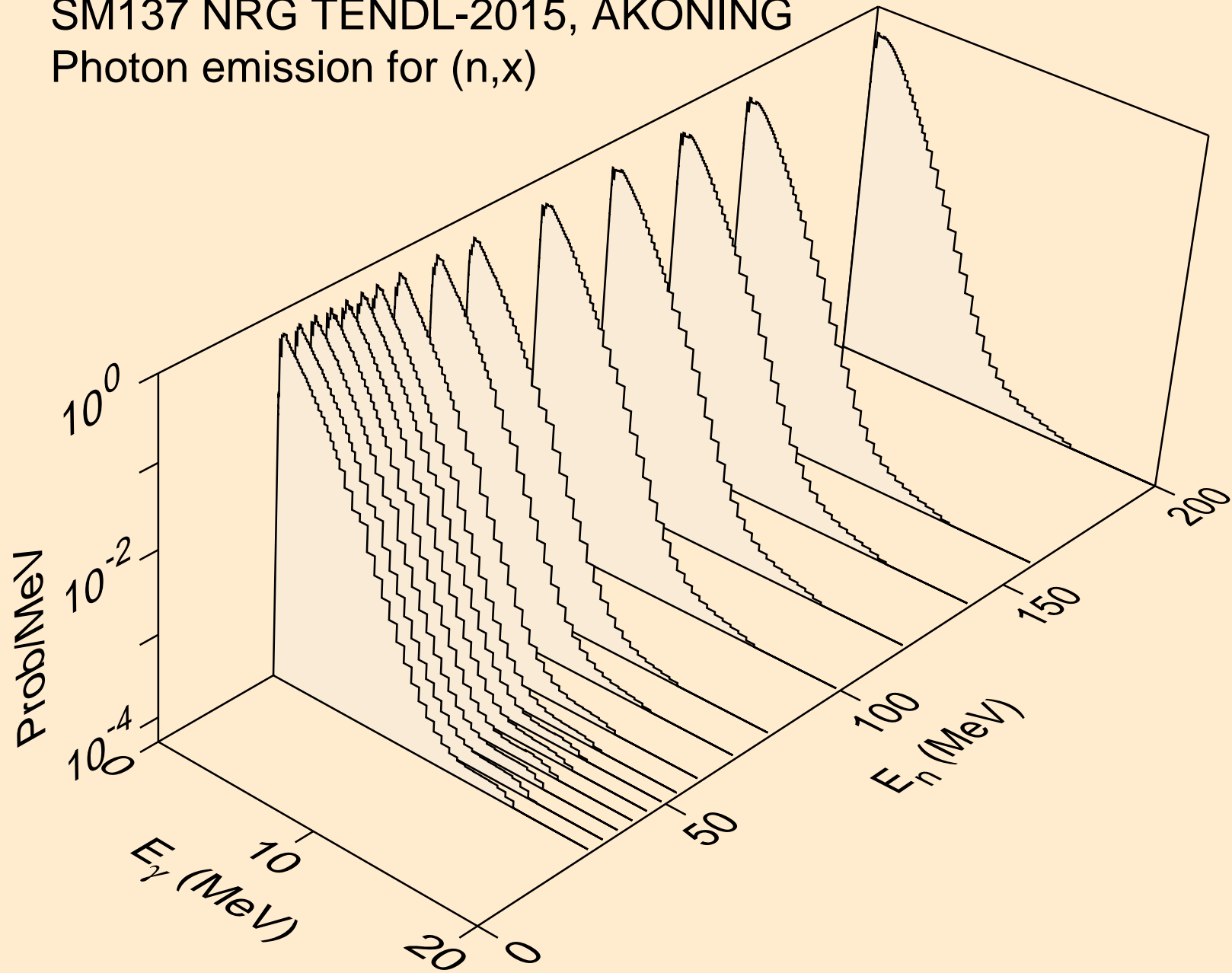
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



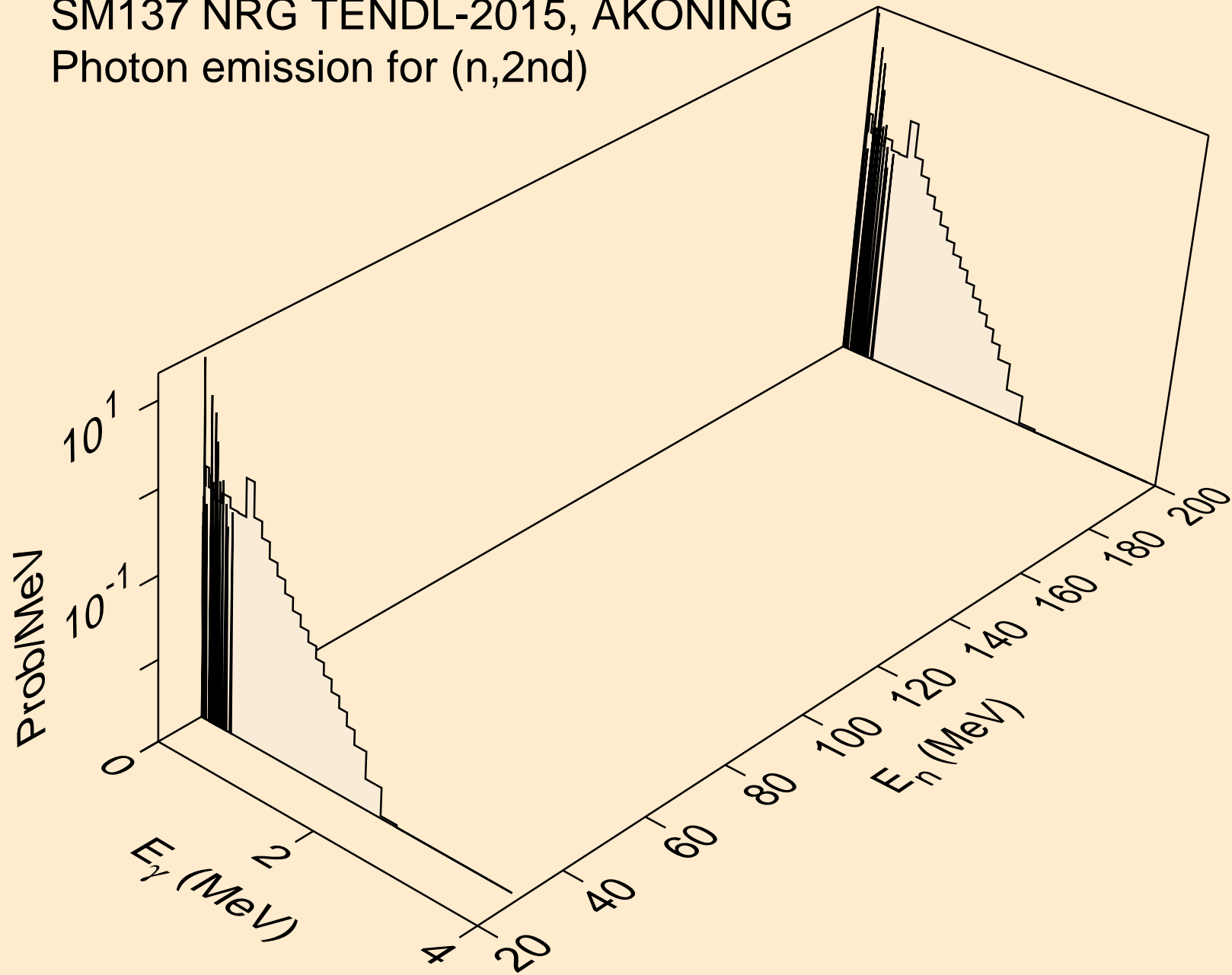
SM137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



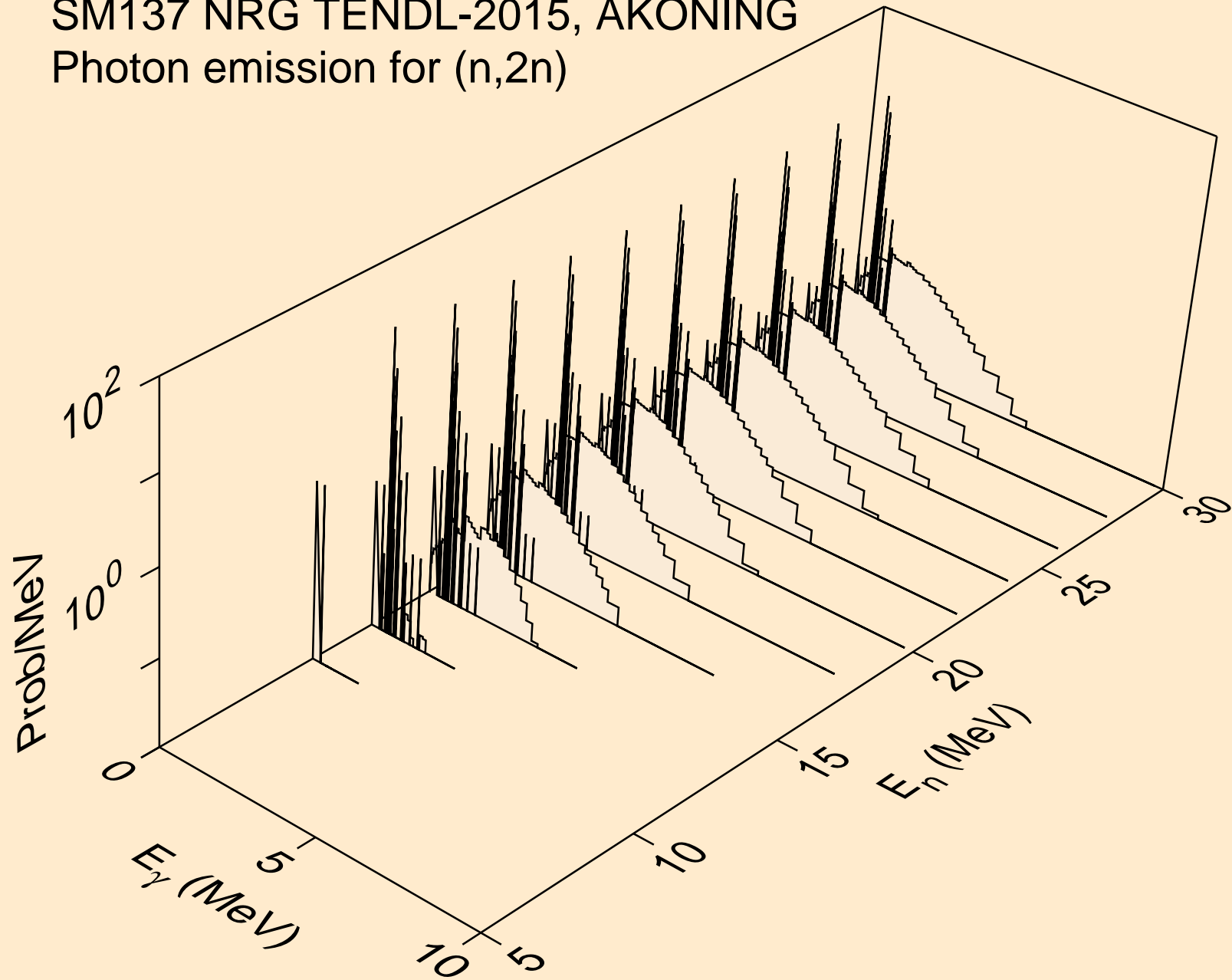
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



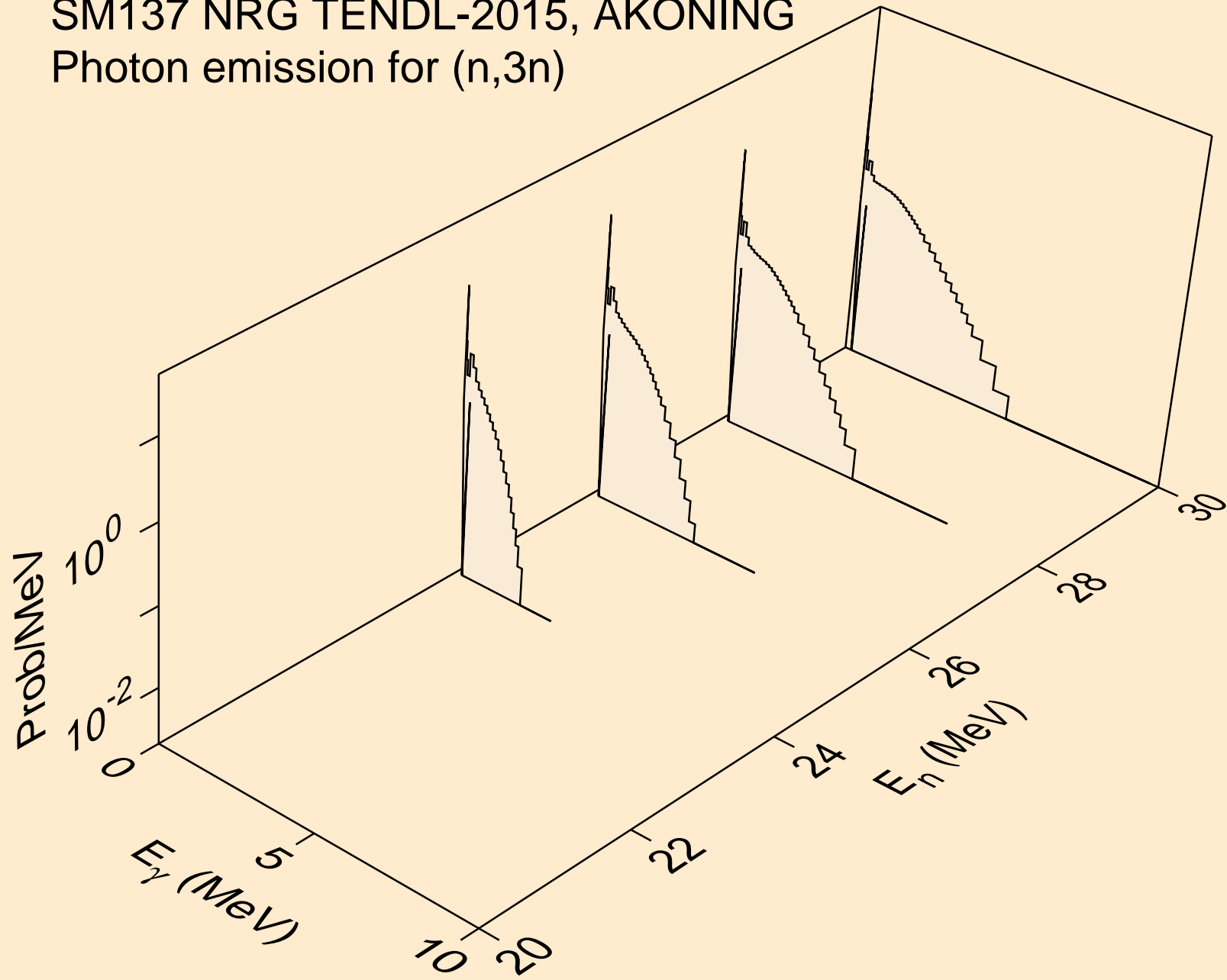
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

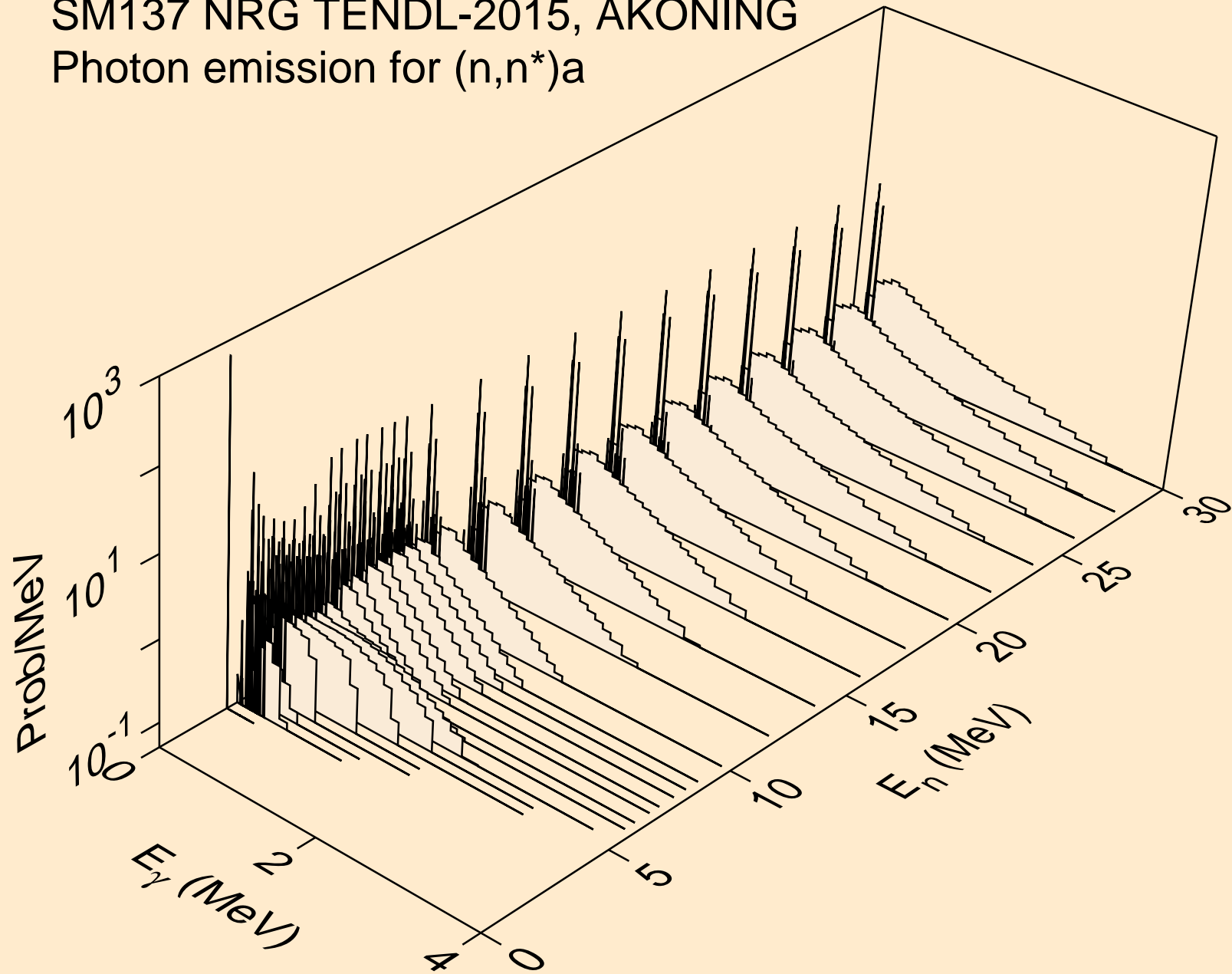


SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

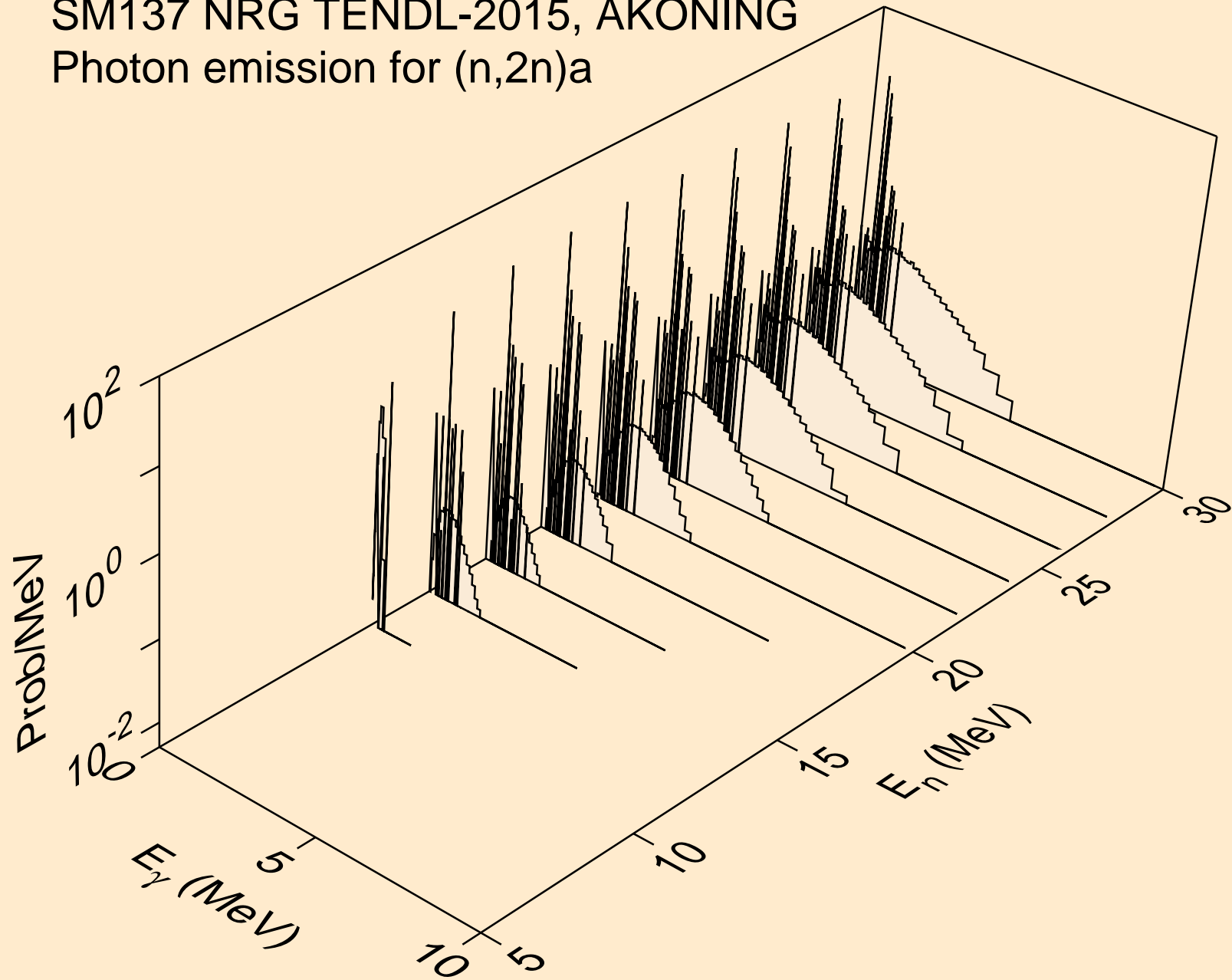




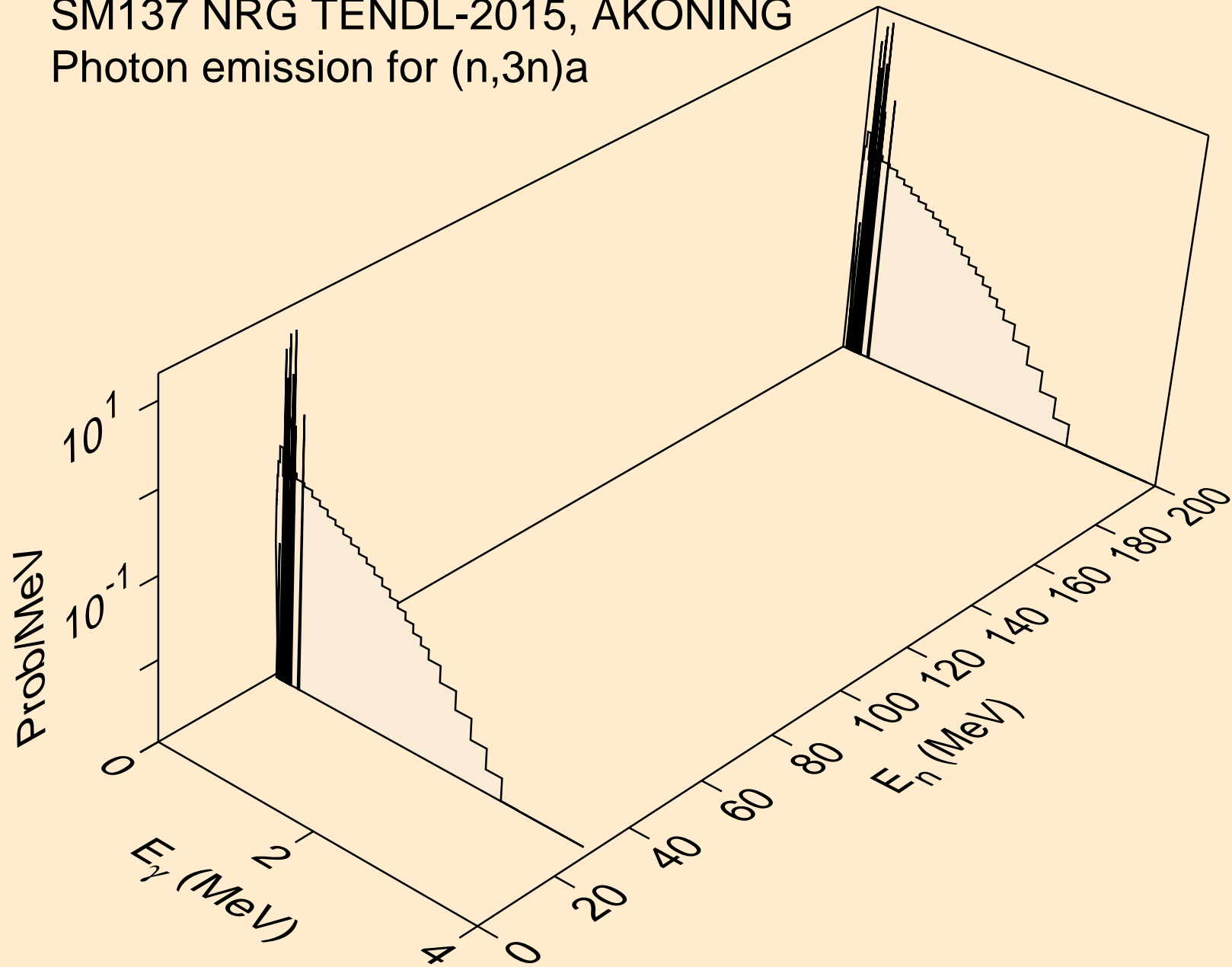
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



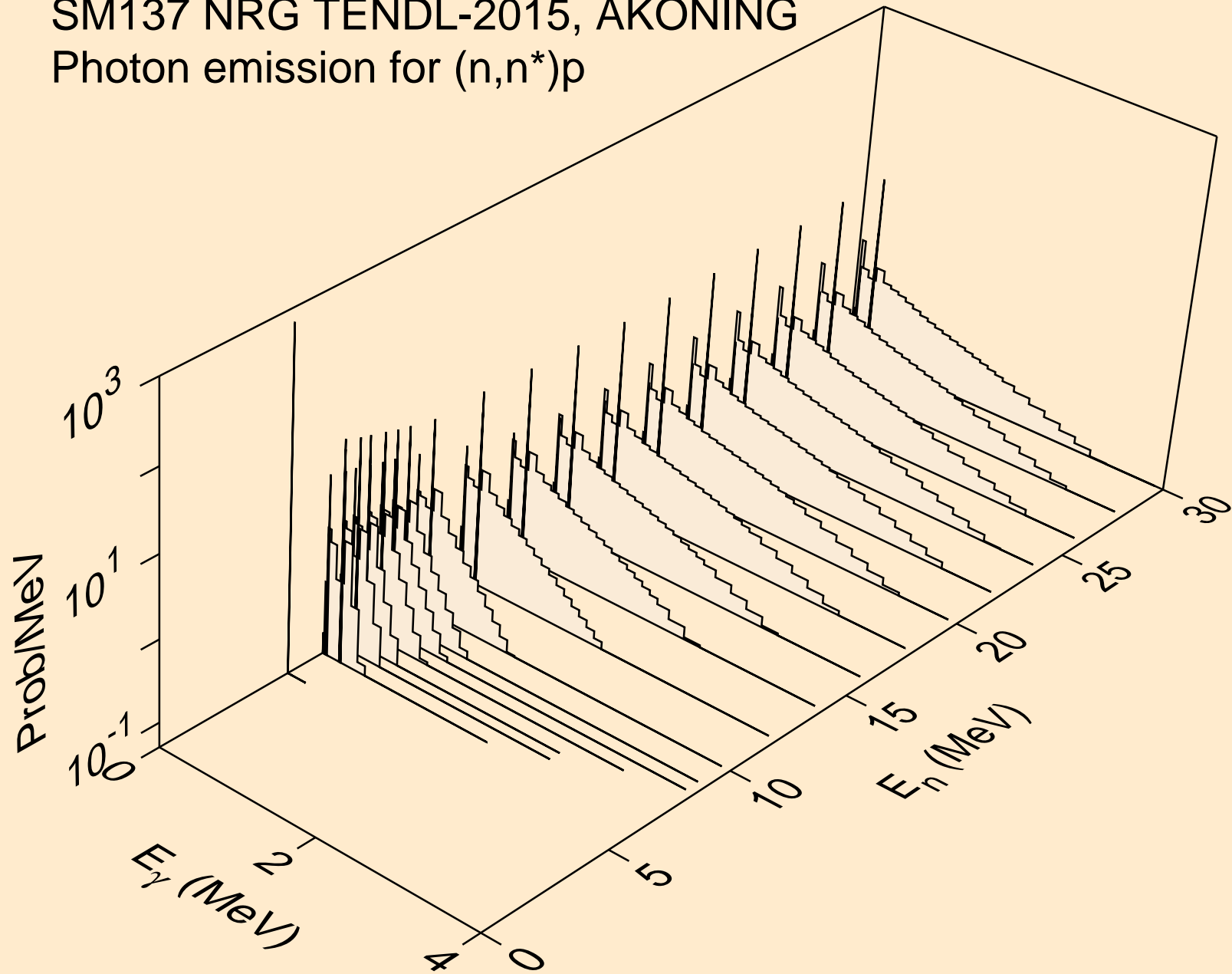
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



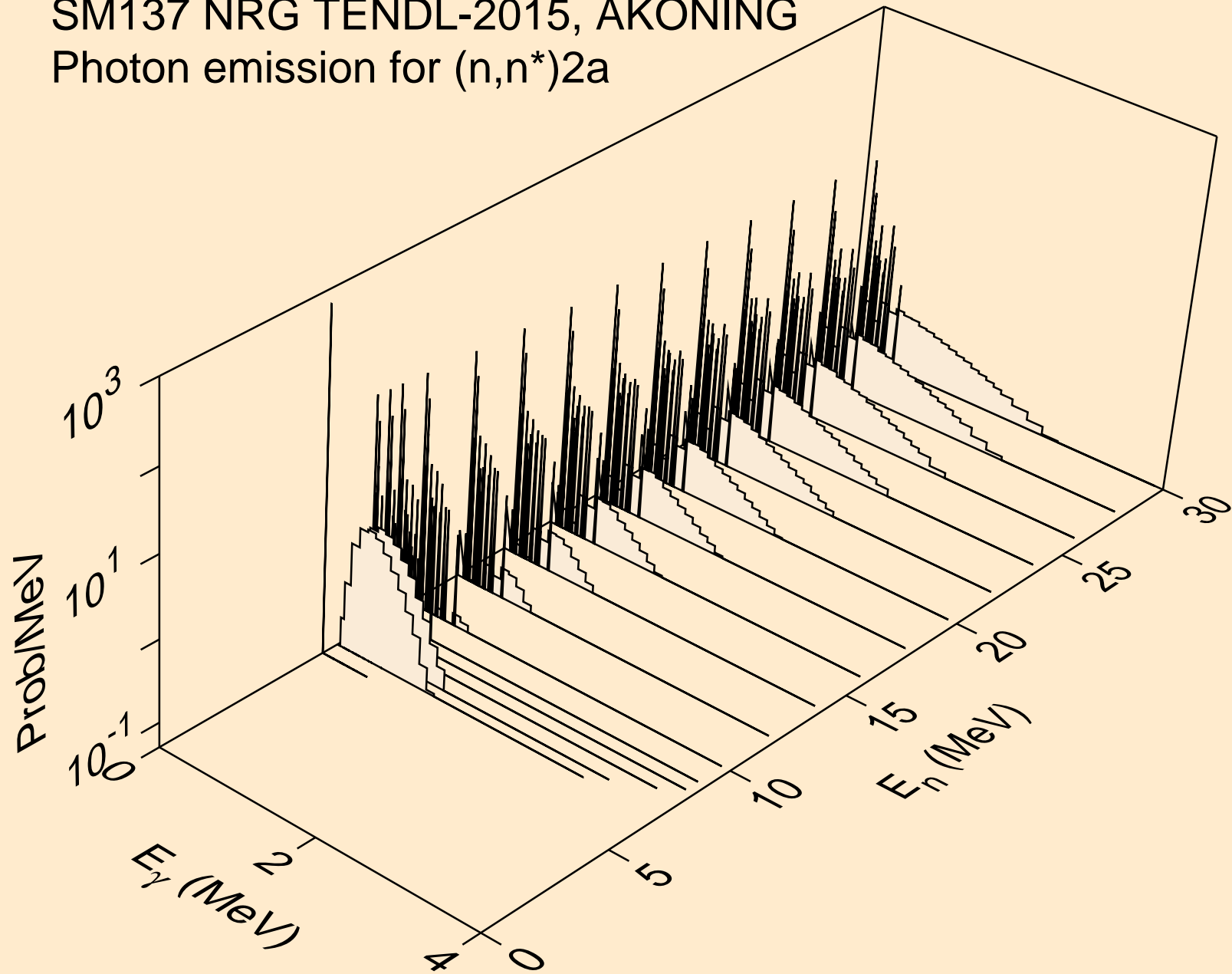
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



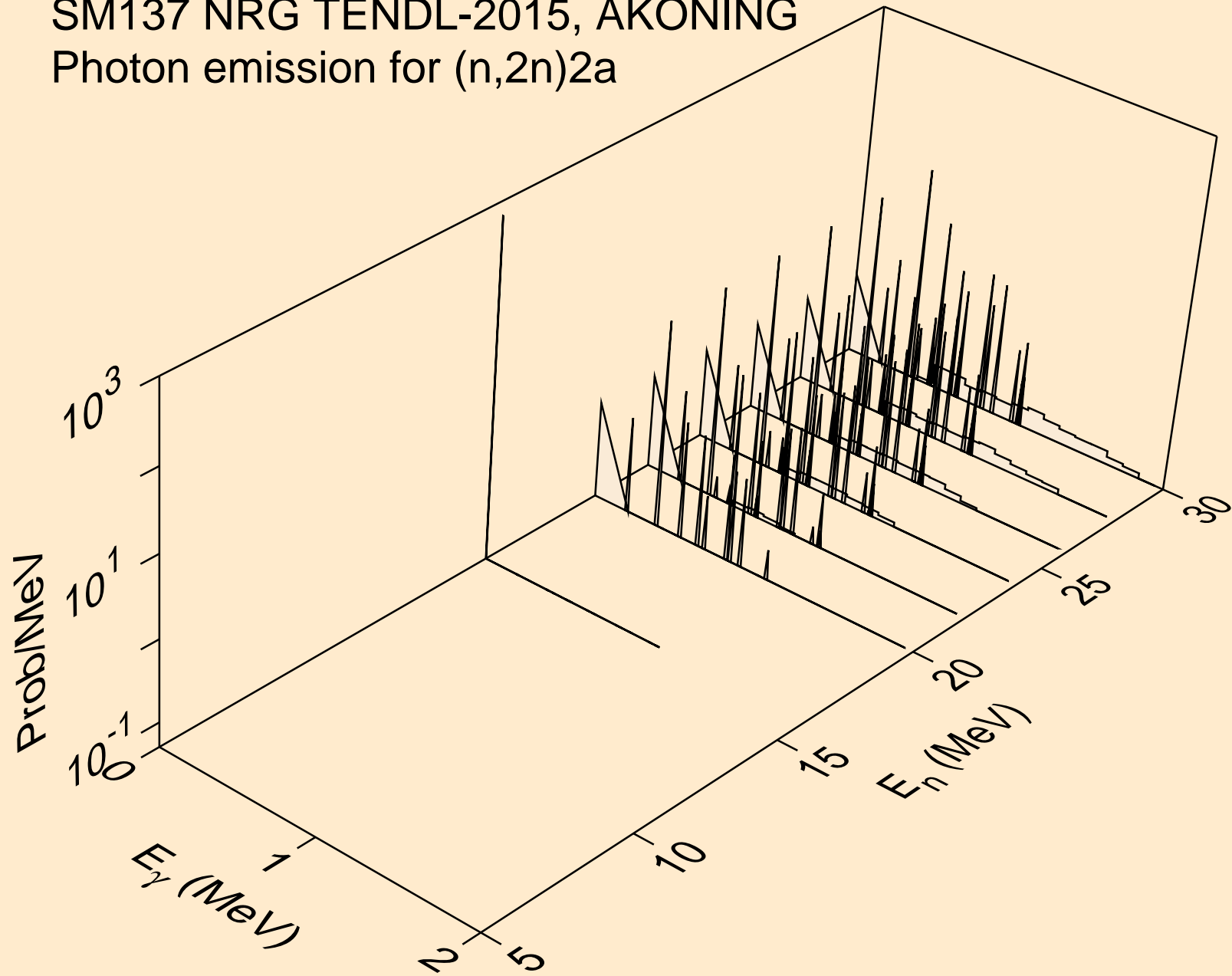
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



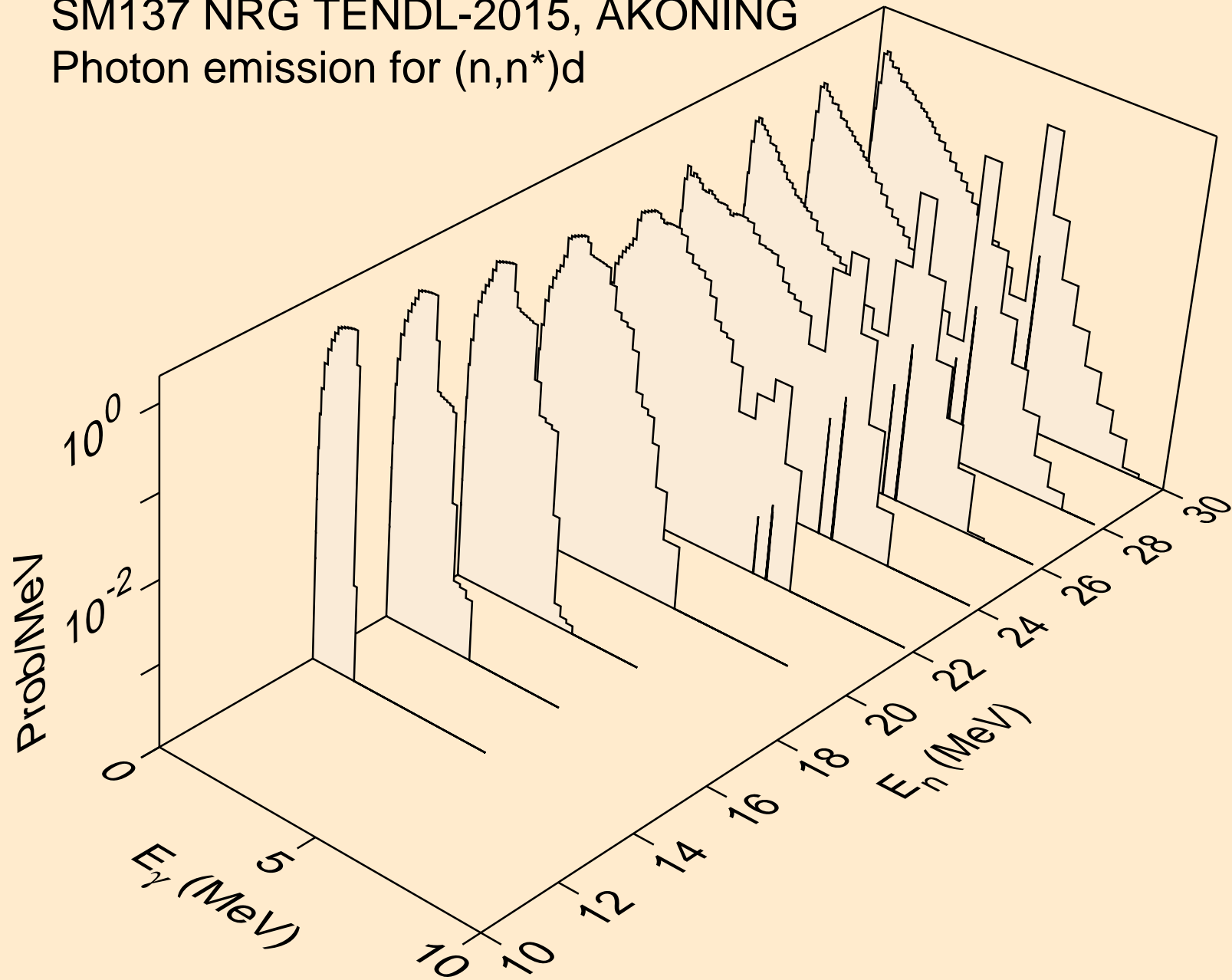
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



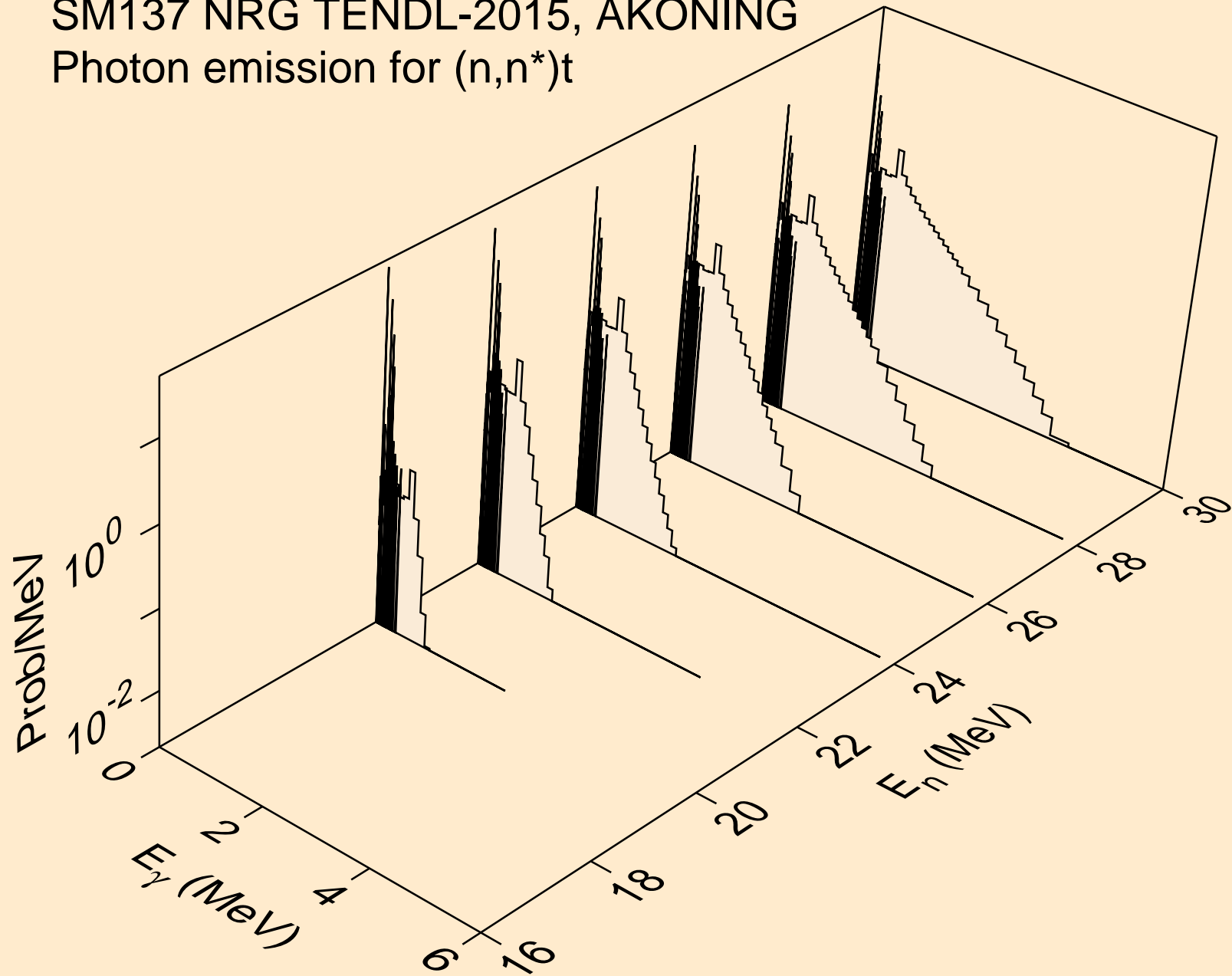
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

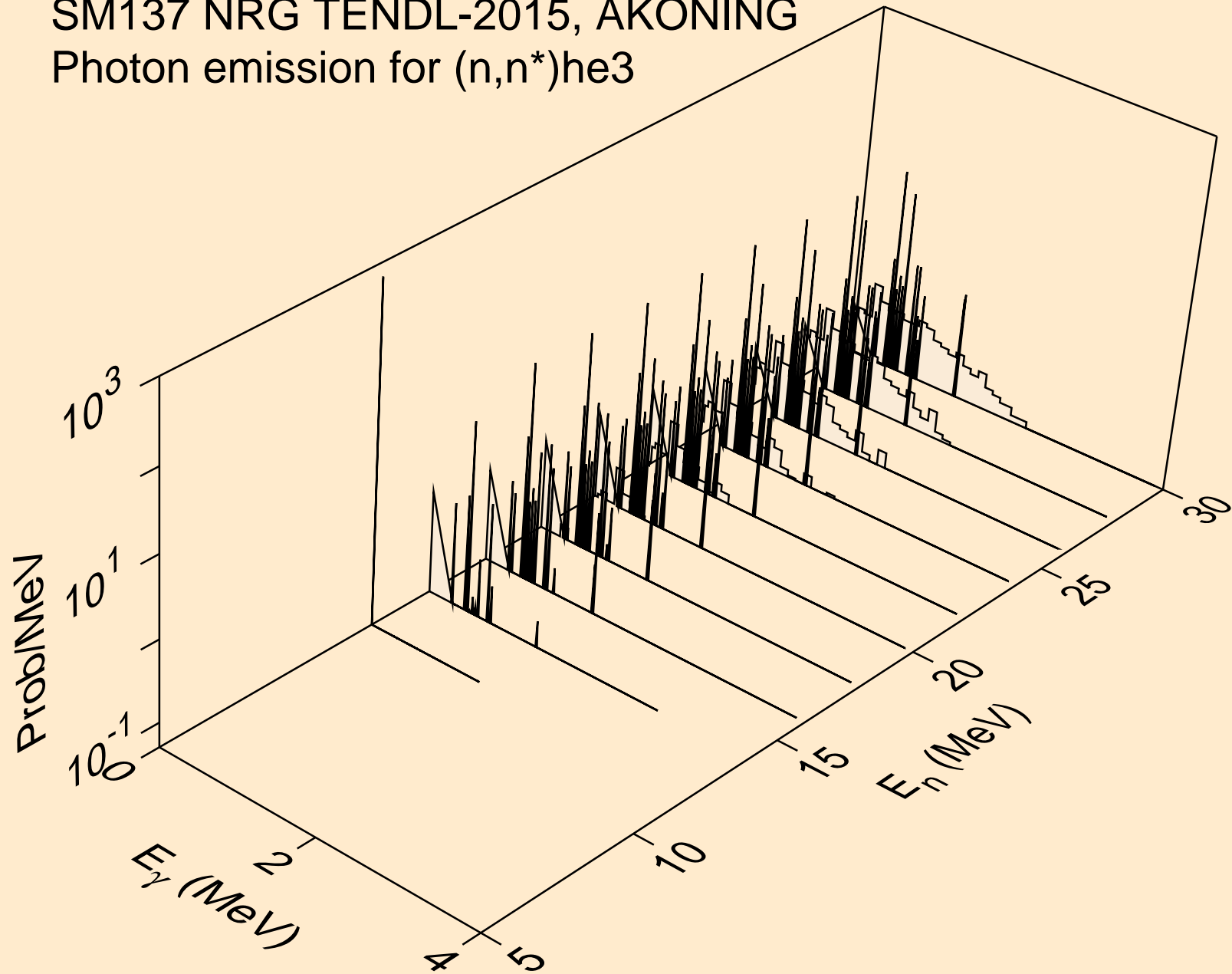


SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

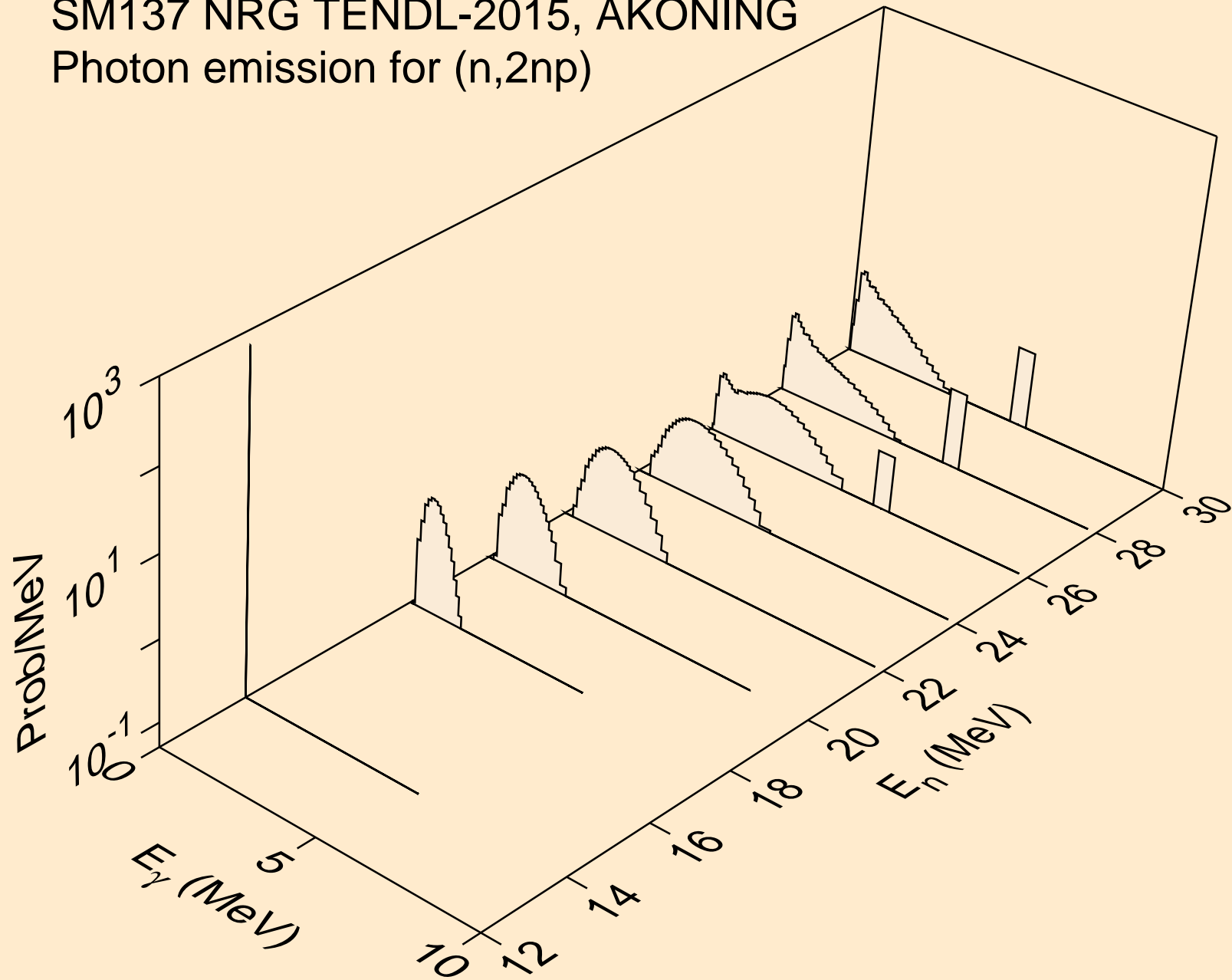




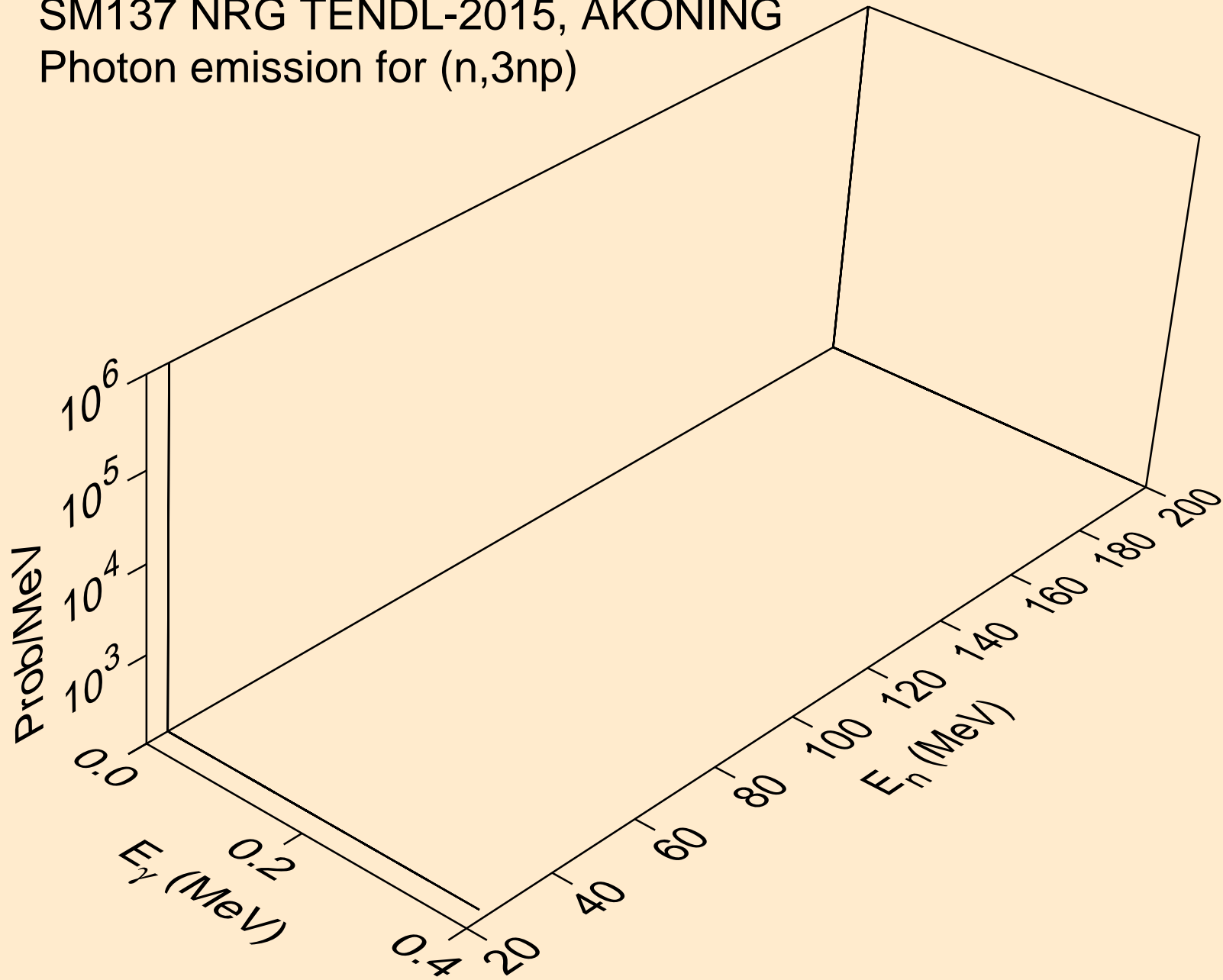
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



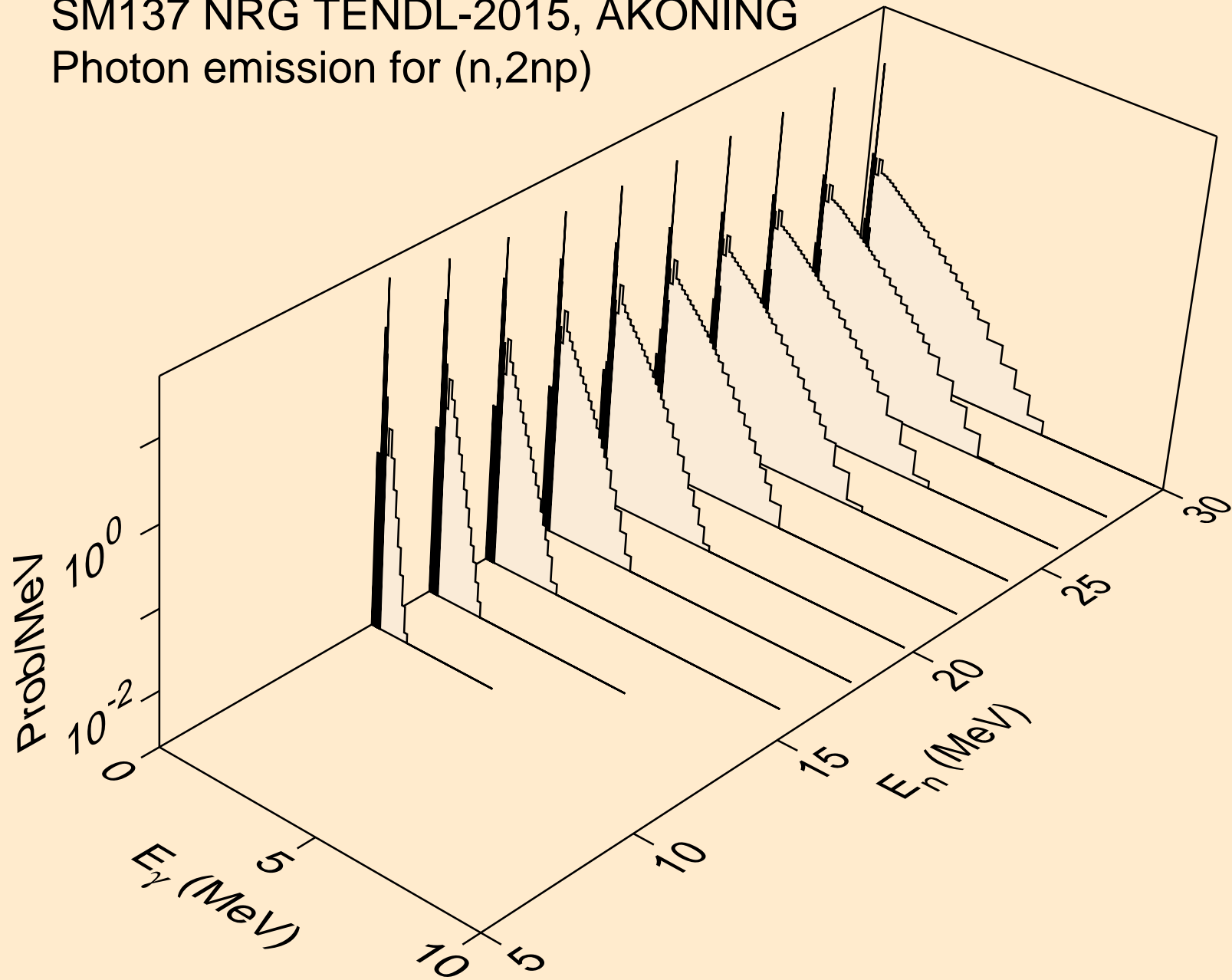
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



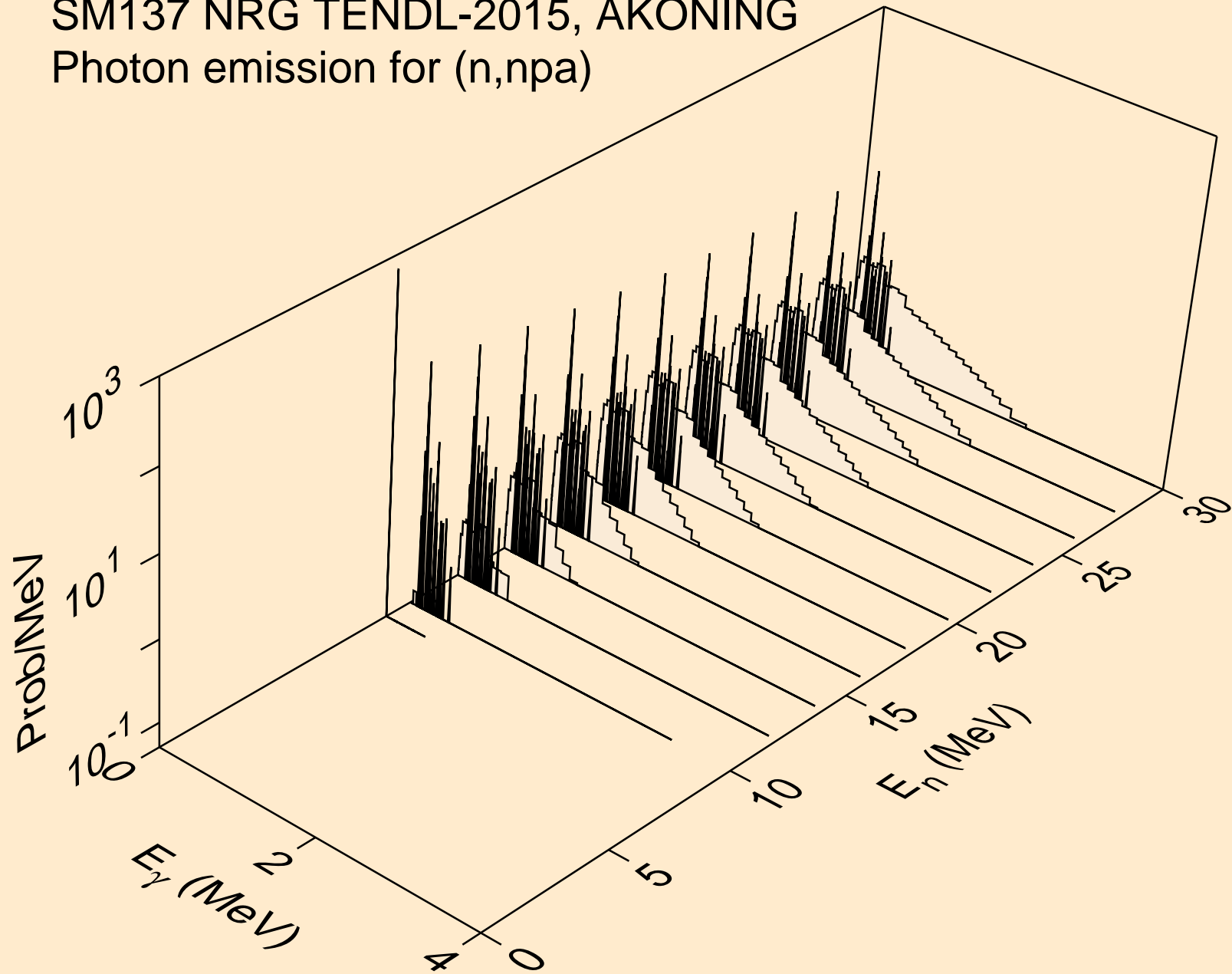
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



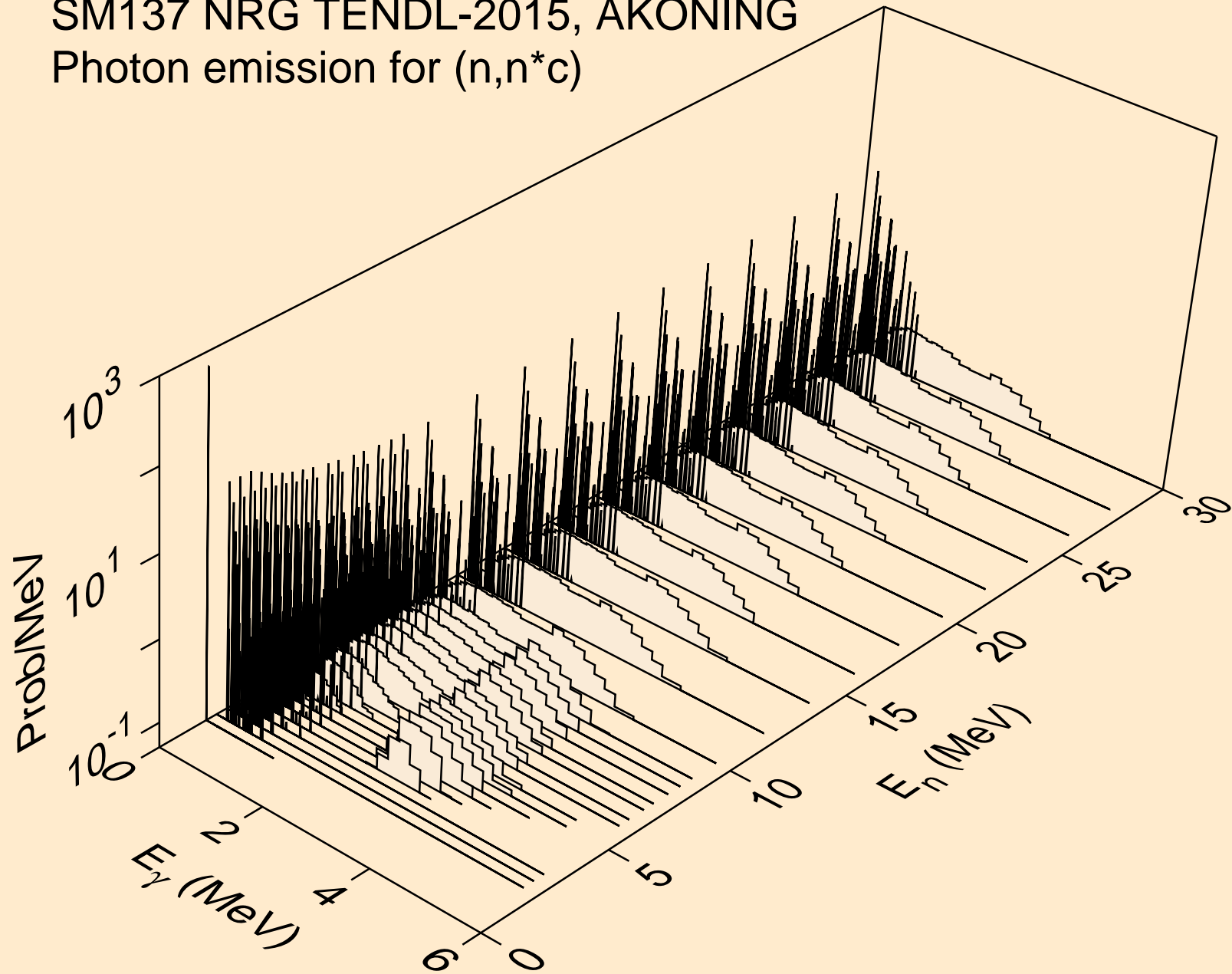
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



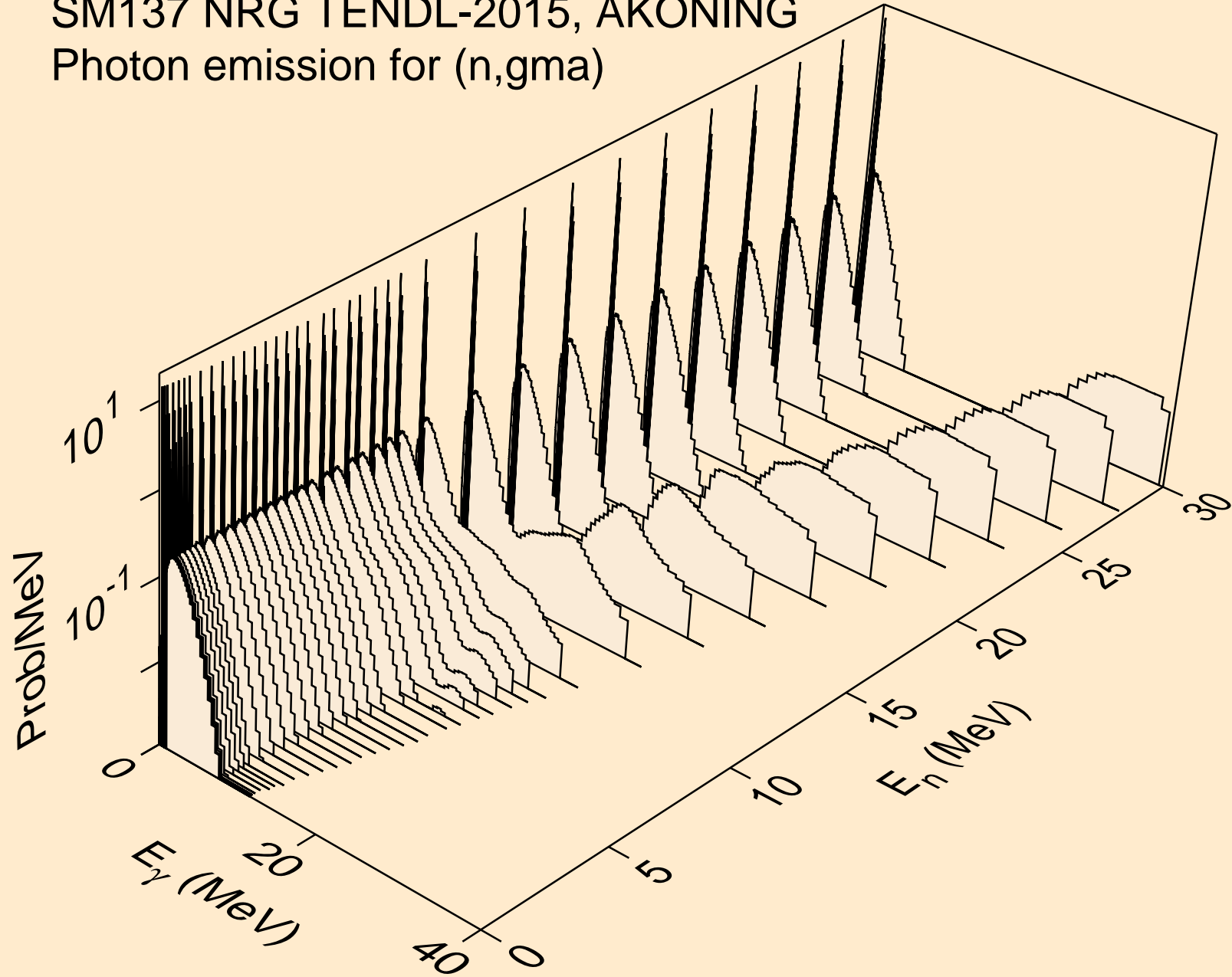
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



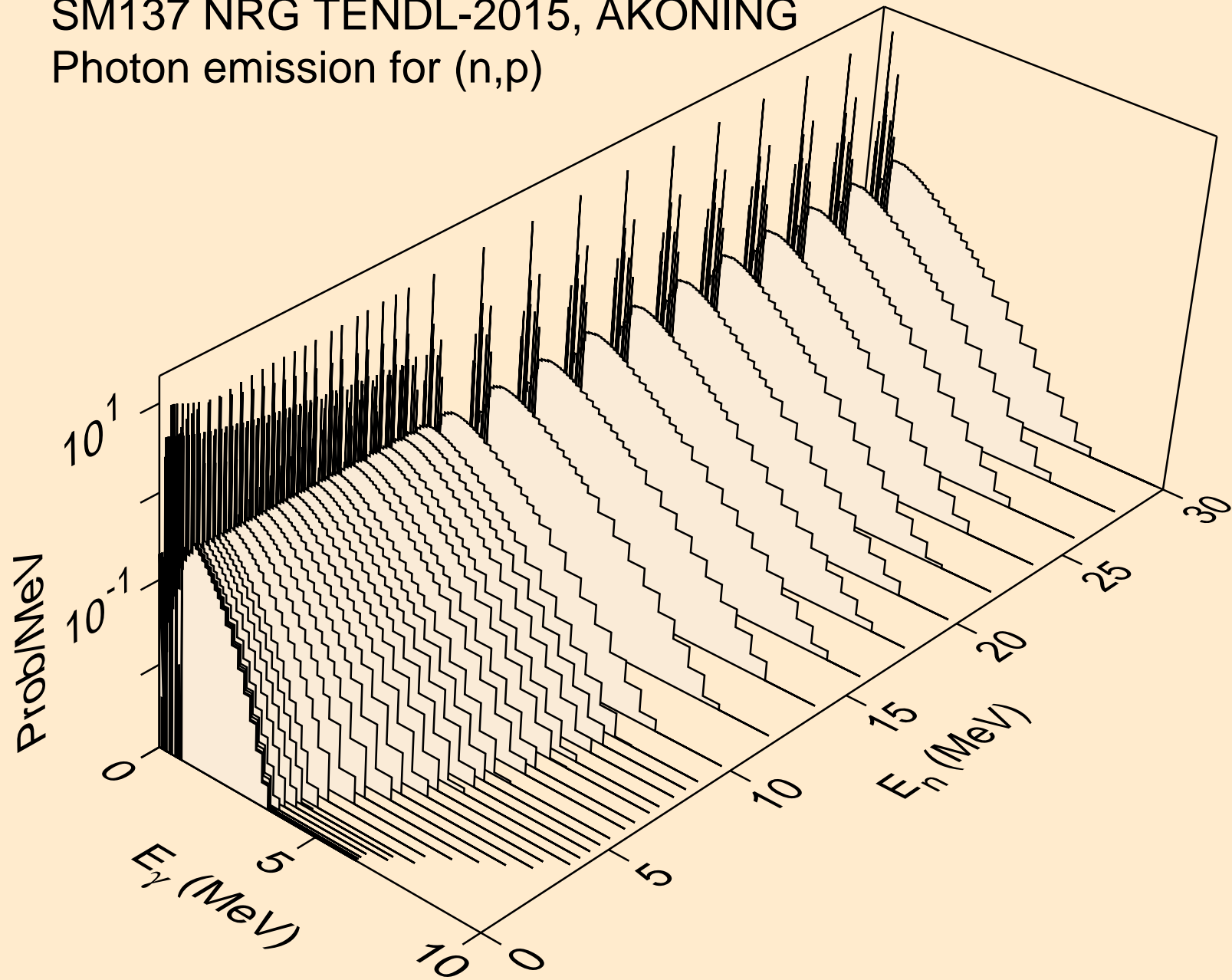
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

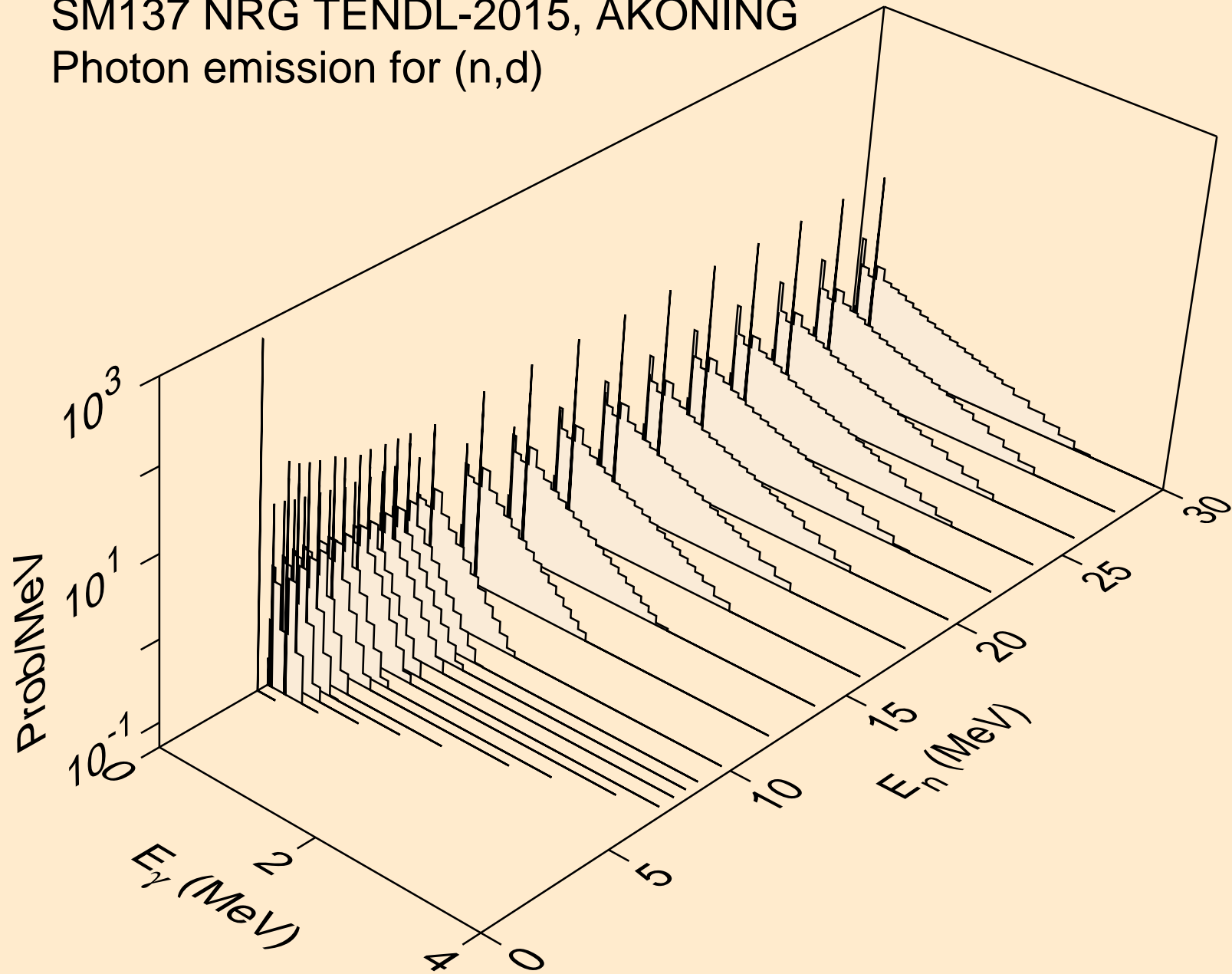


SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

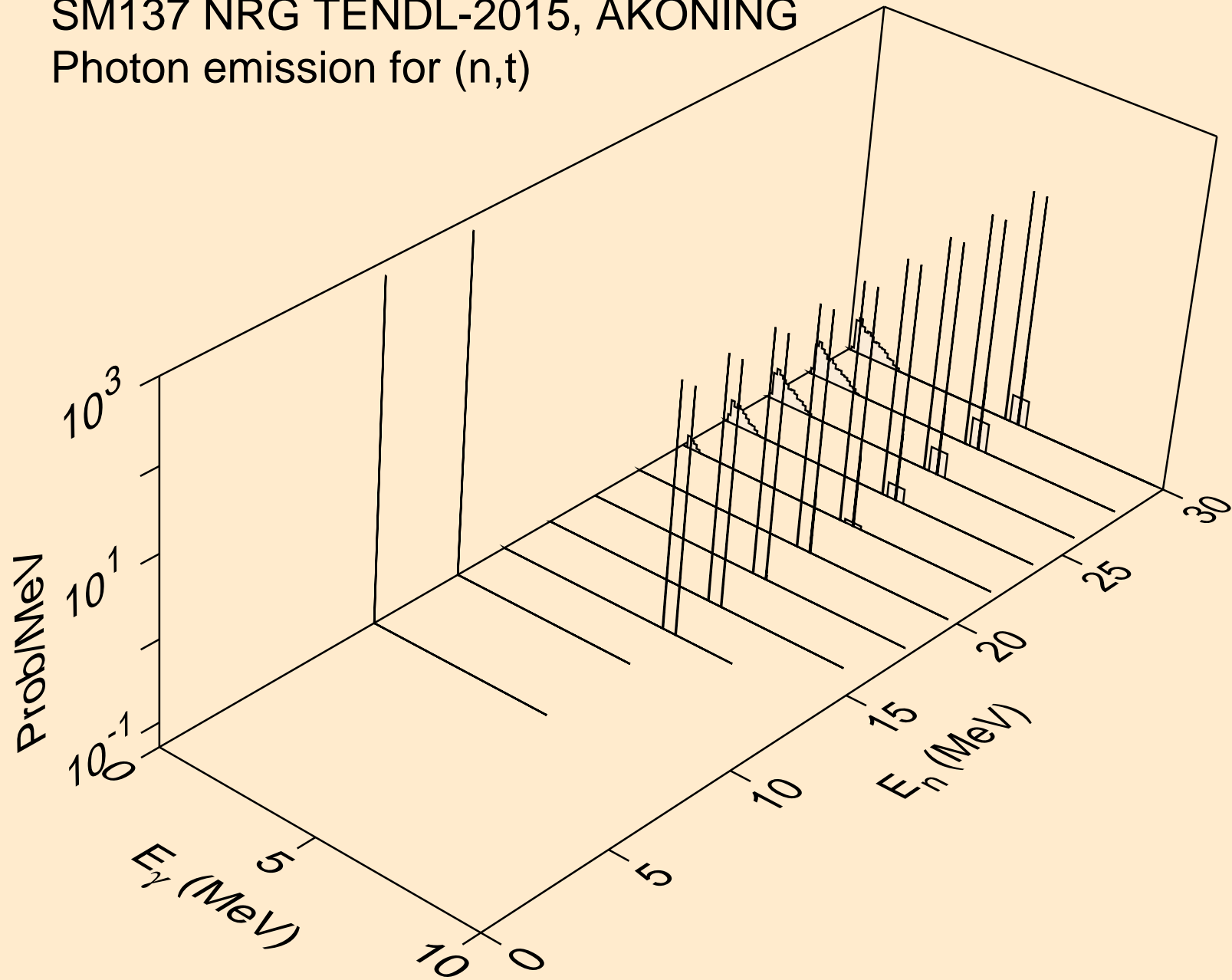




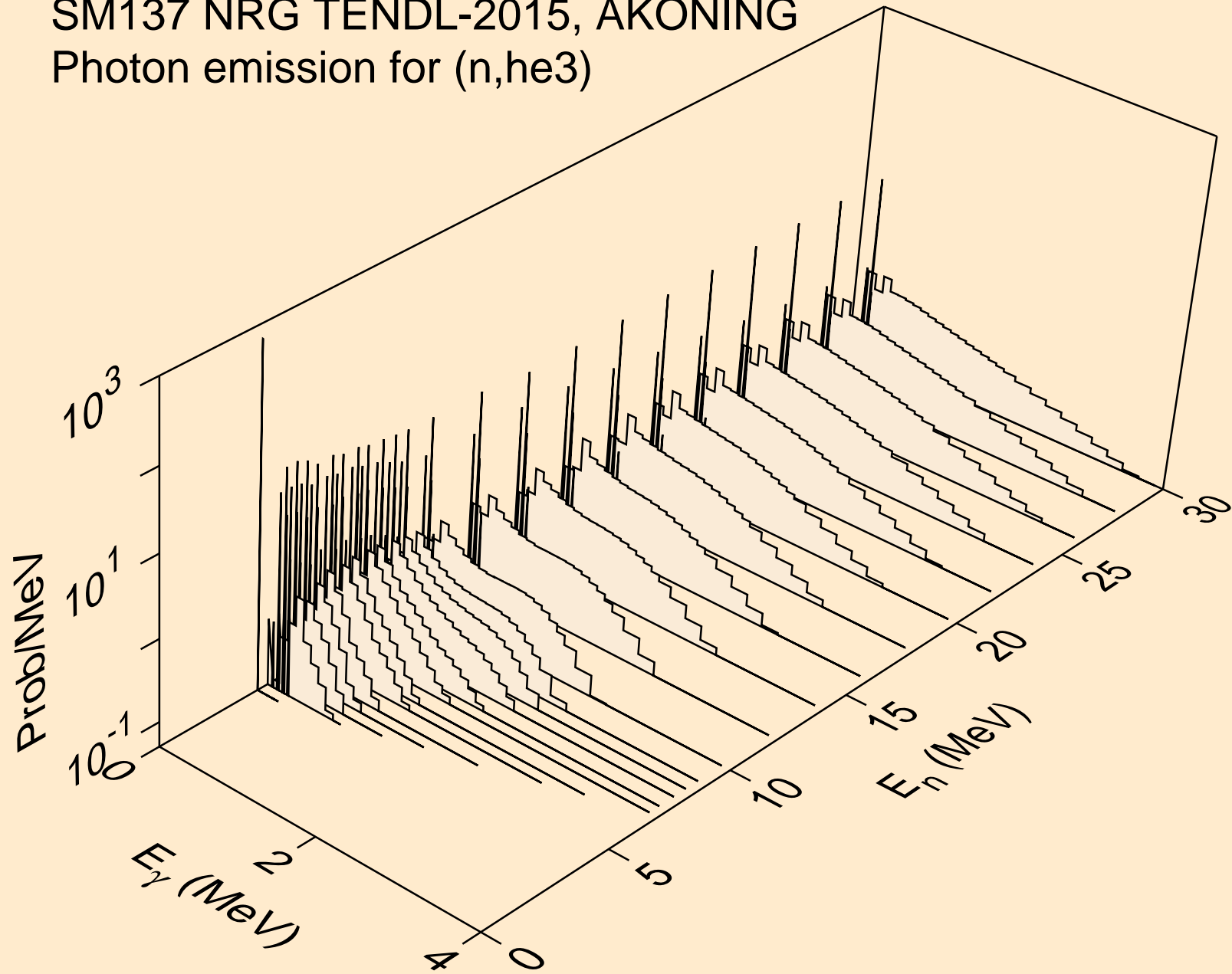
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



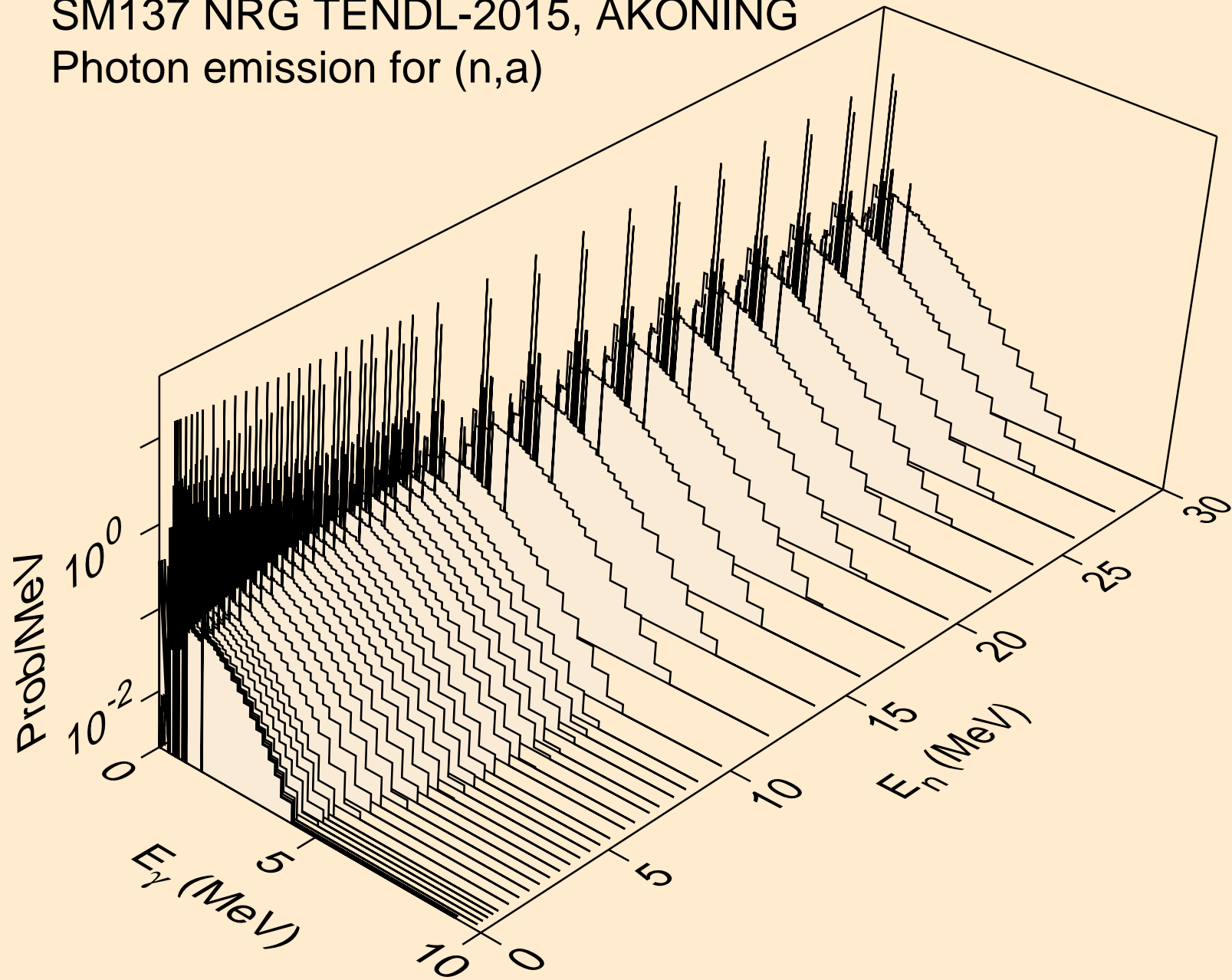
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



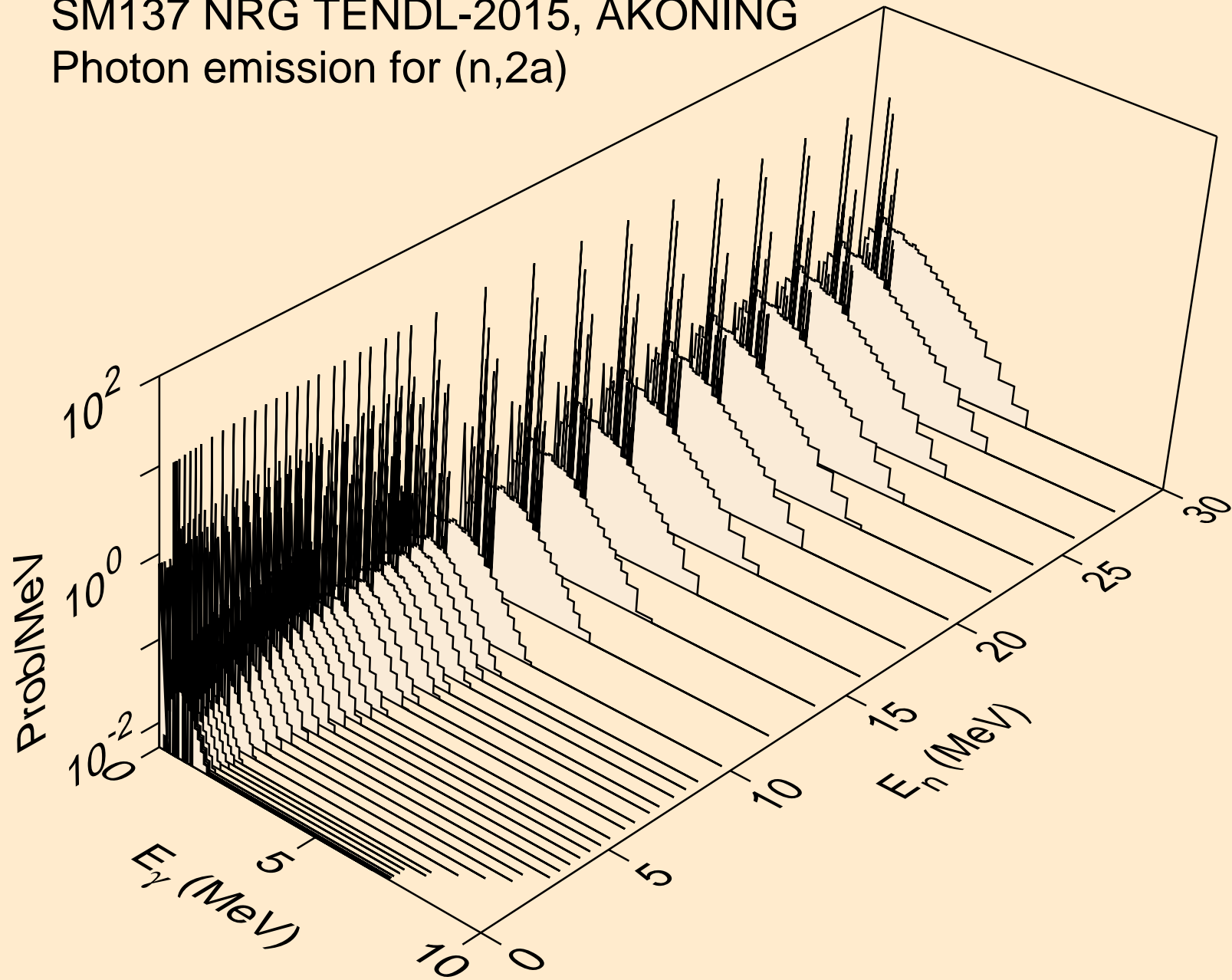
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



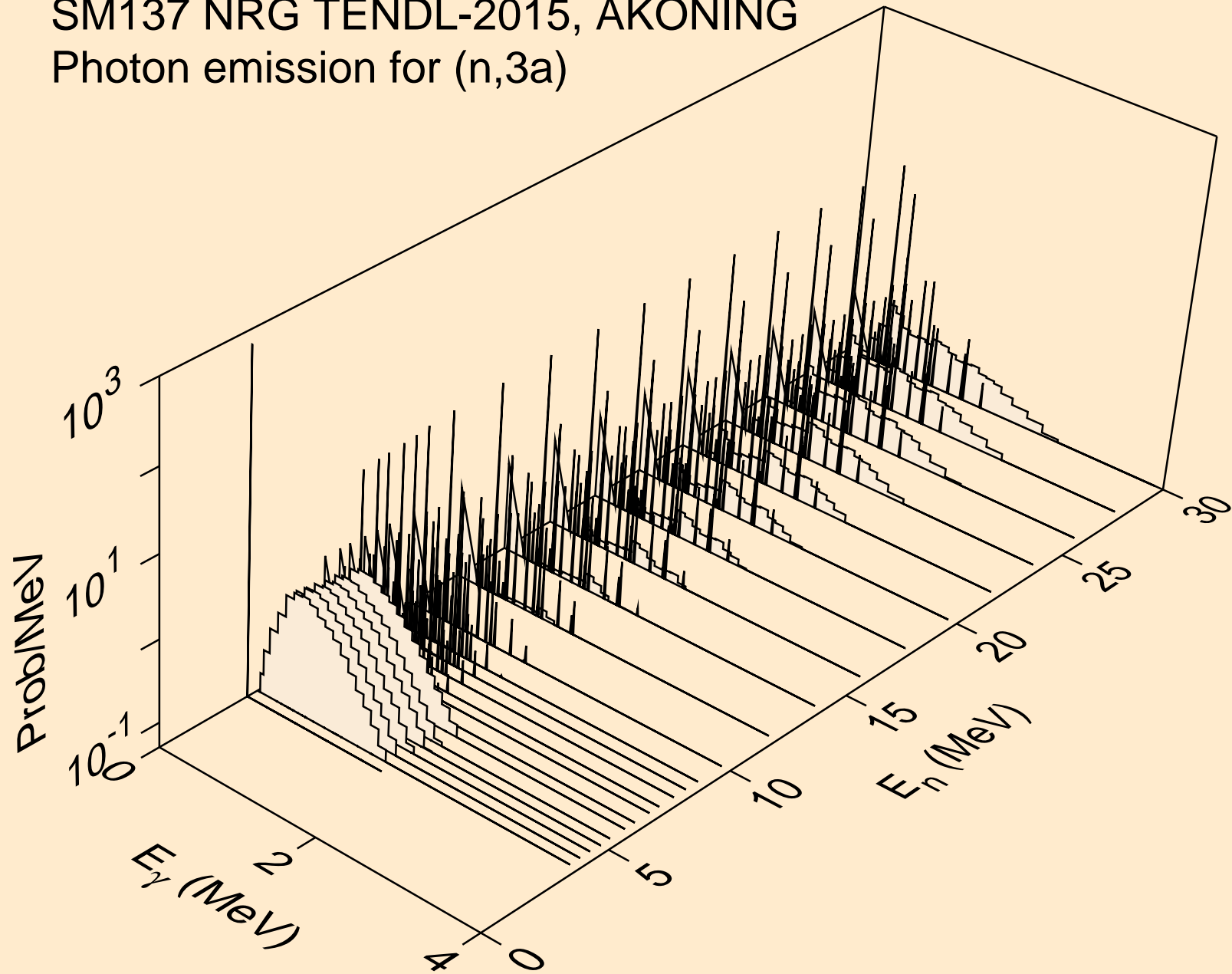
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



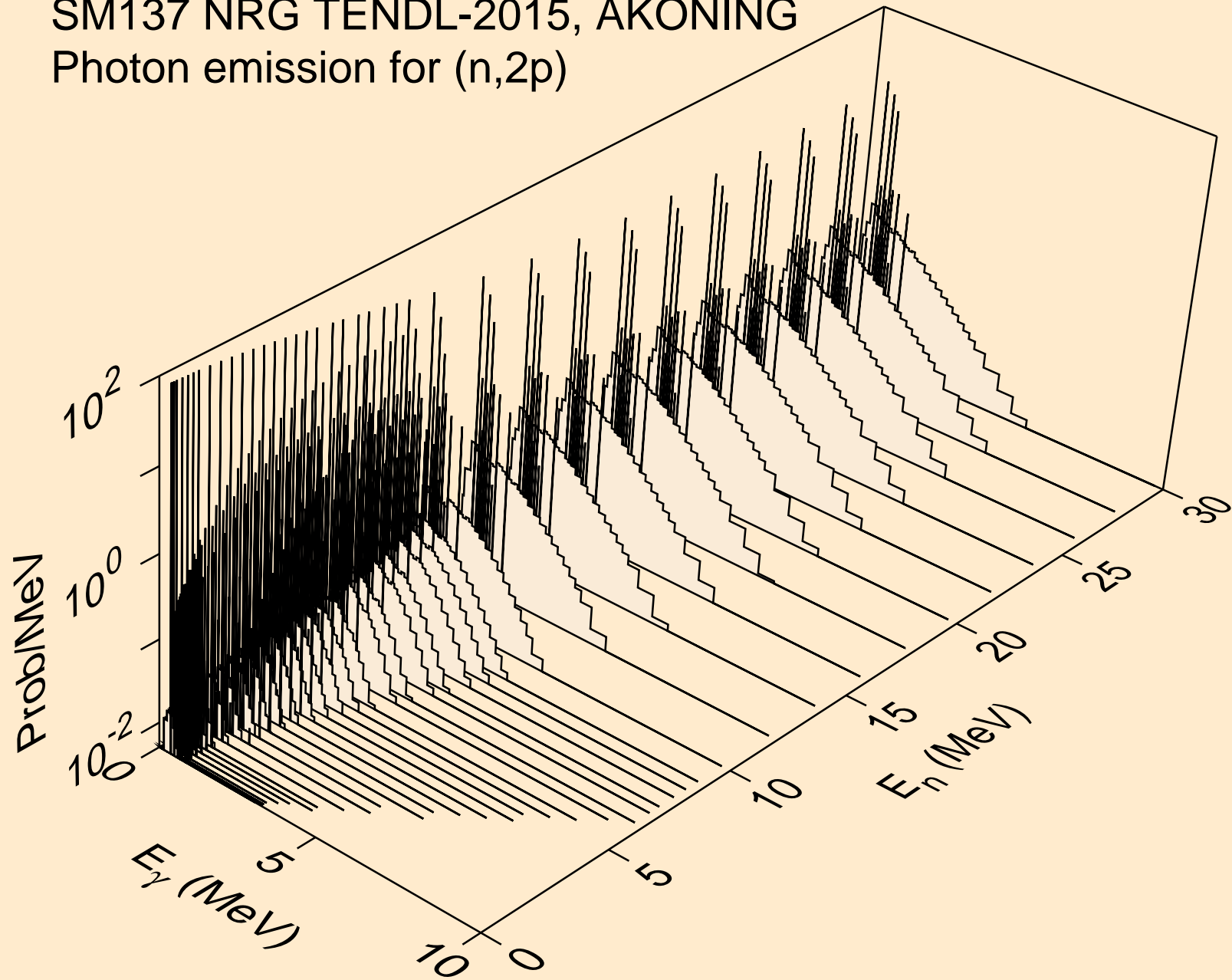
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



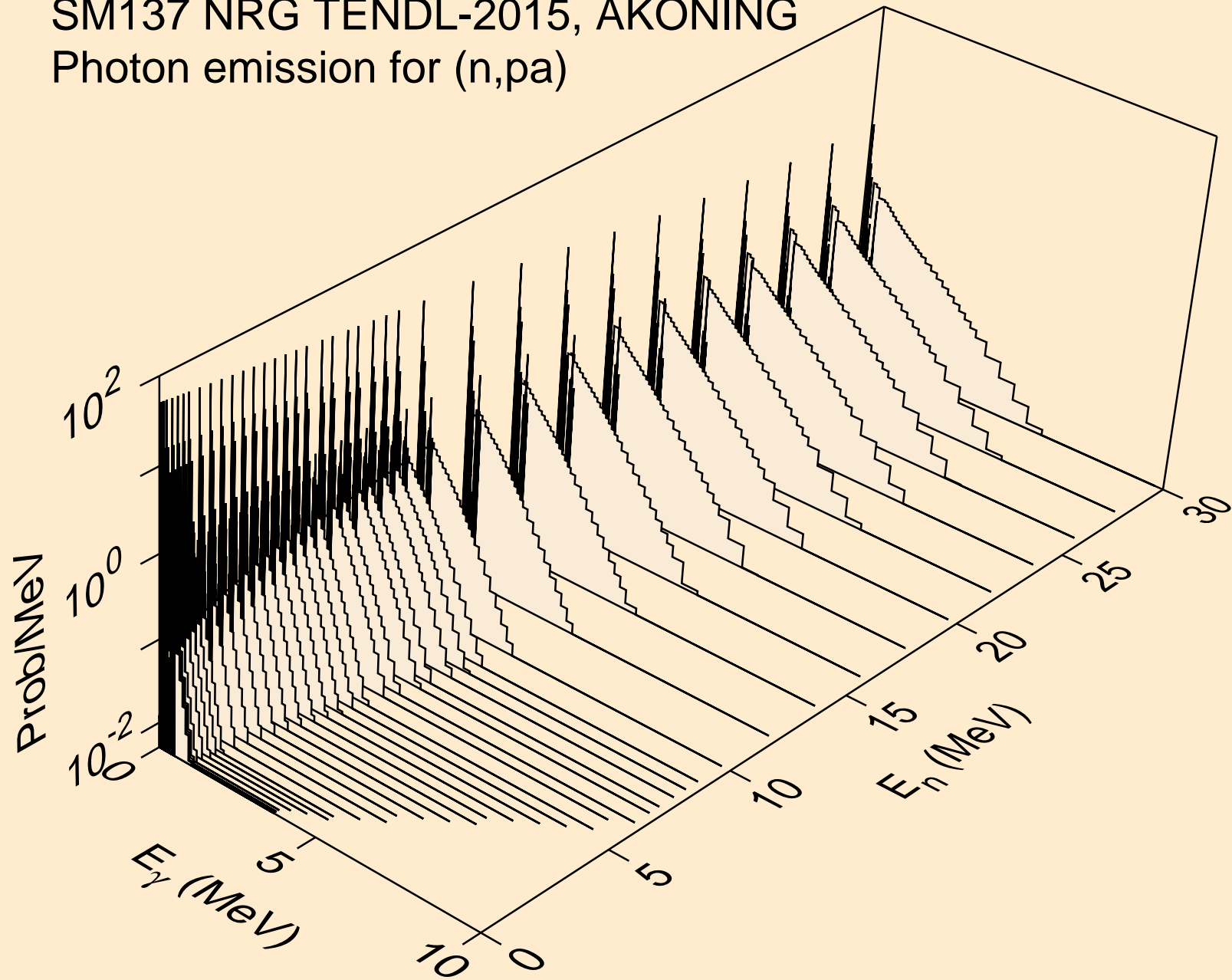
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

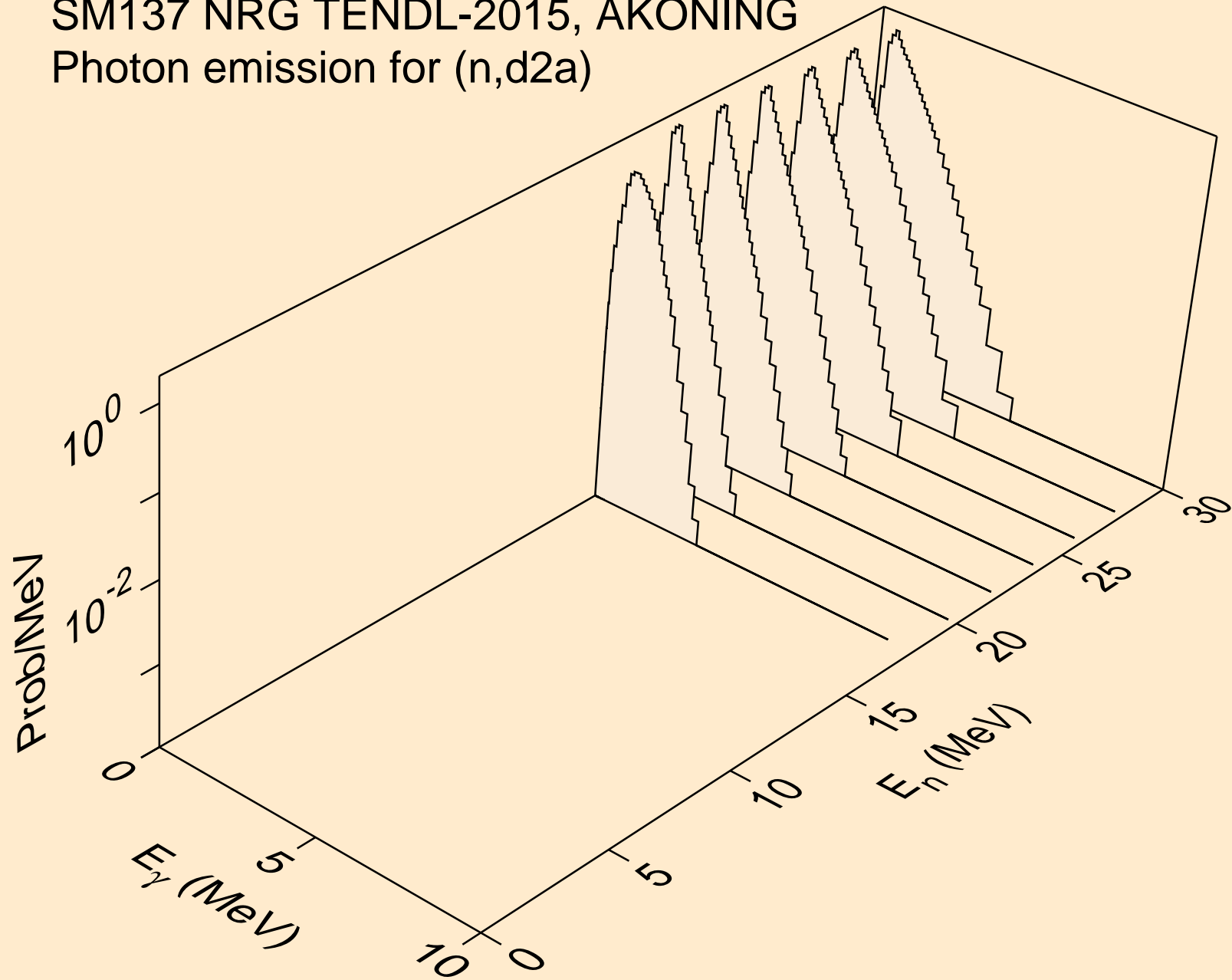


SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

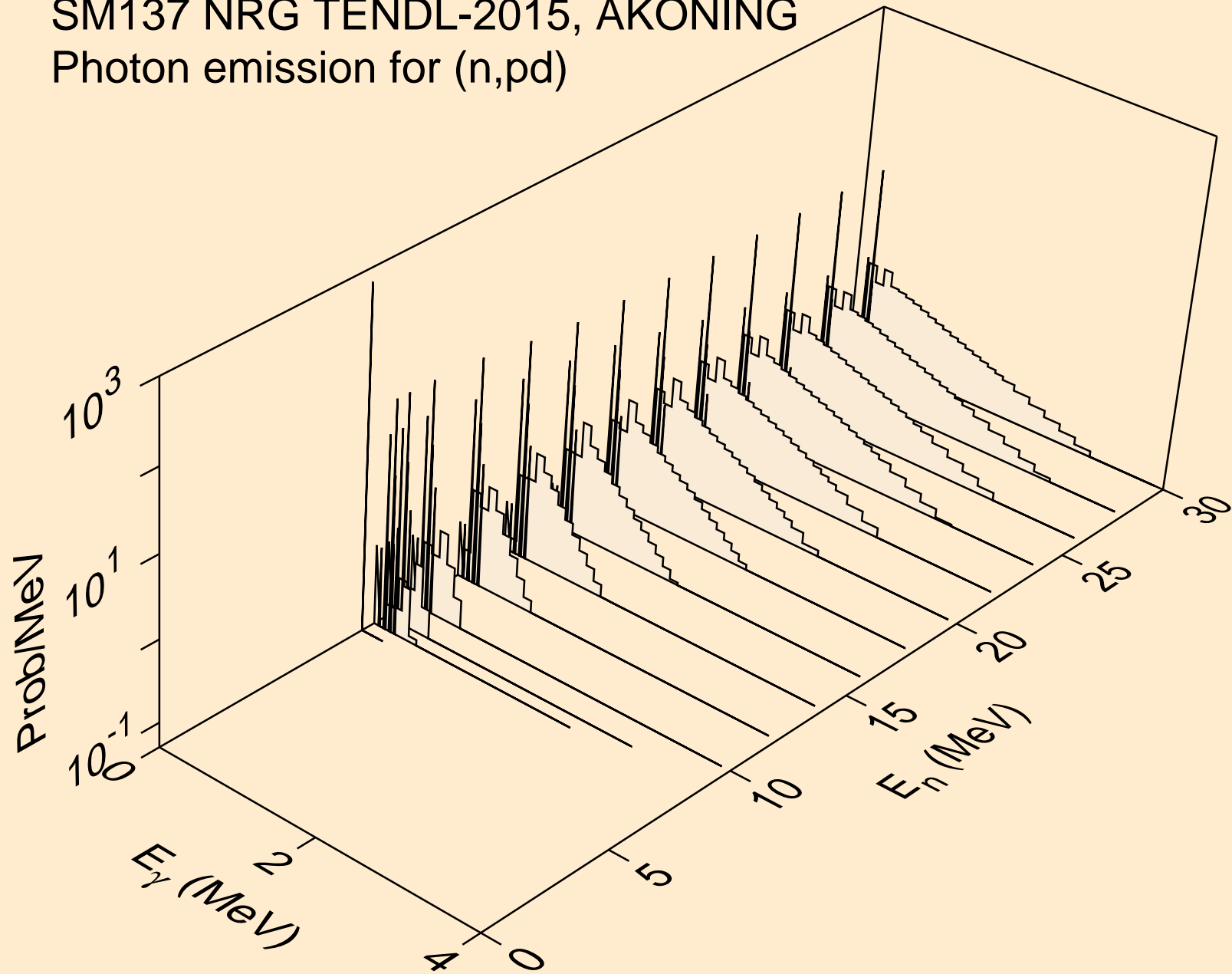




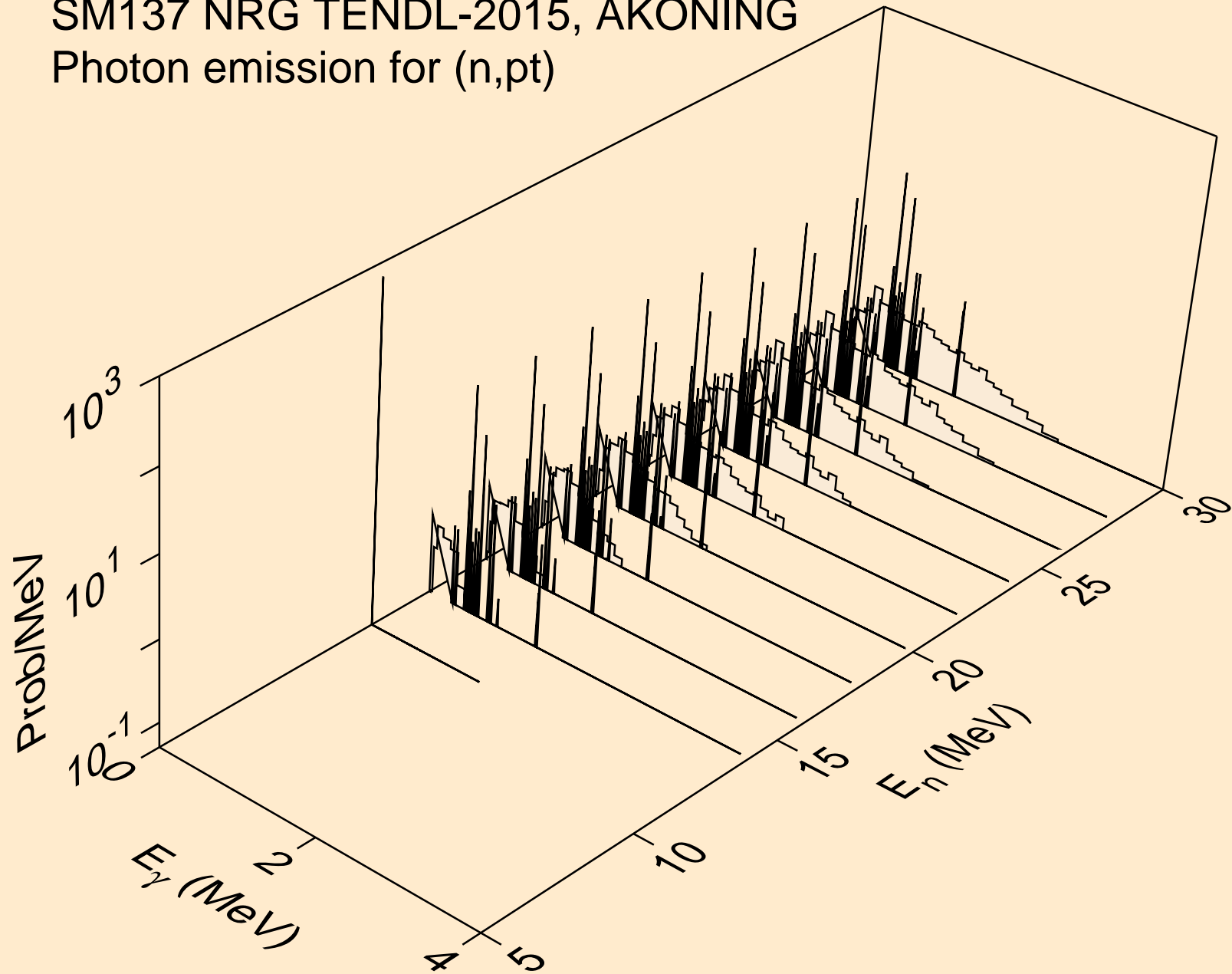
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



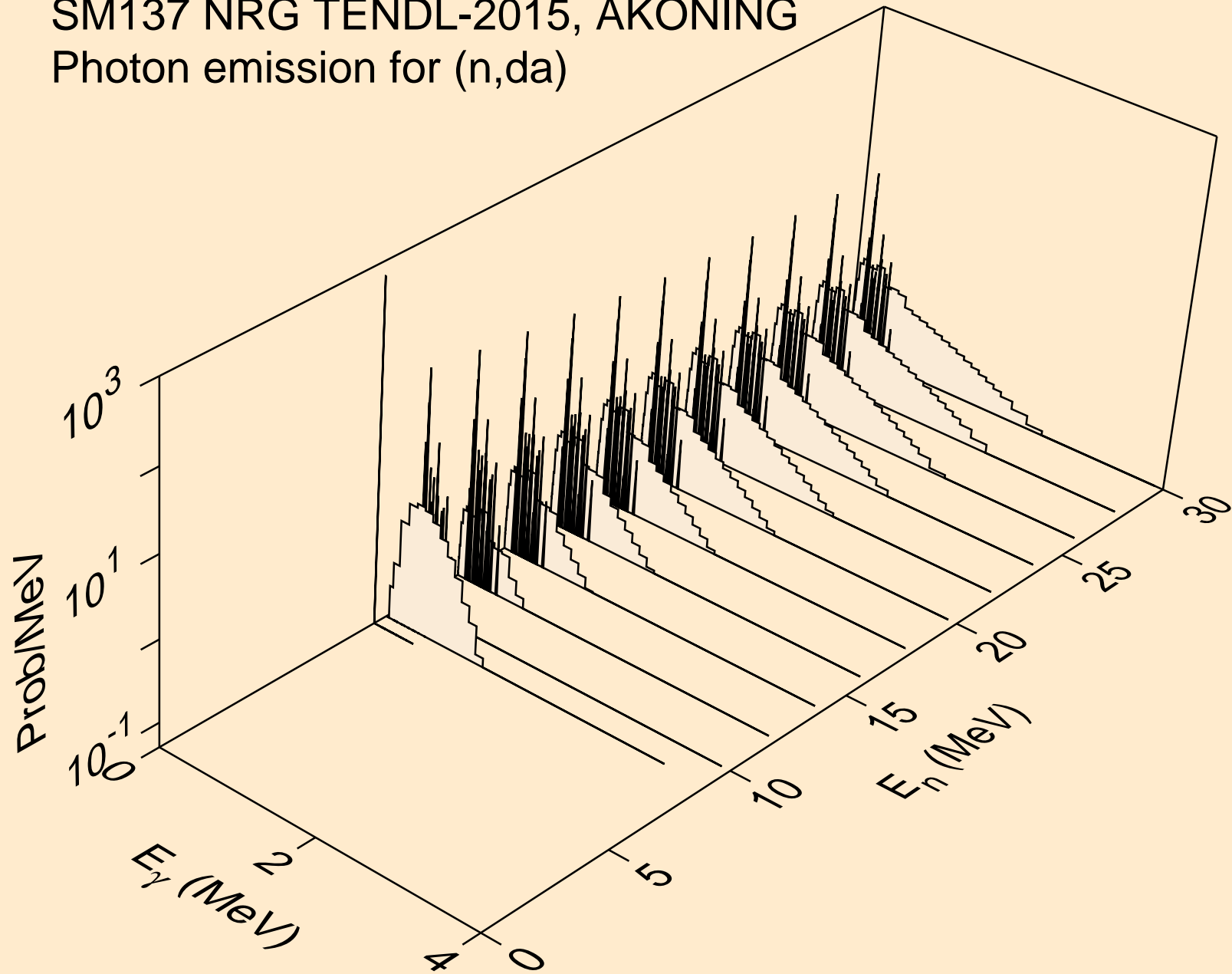
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



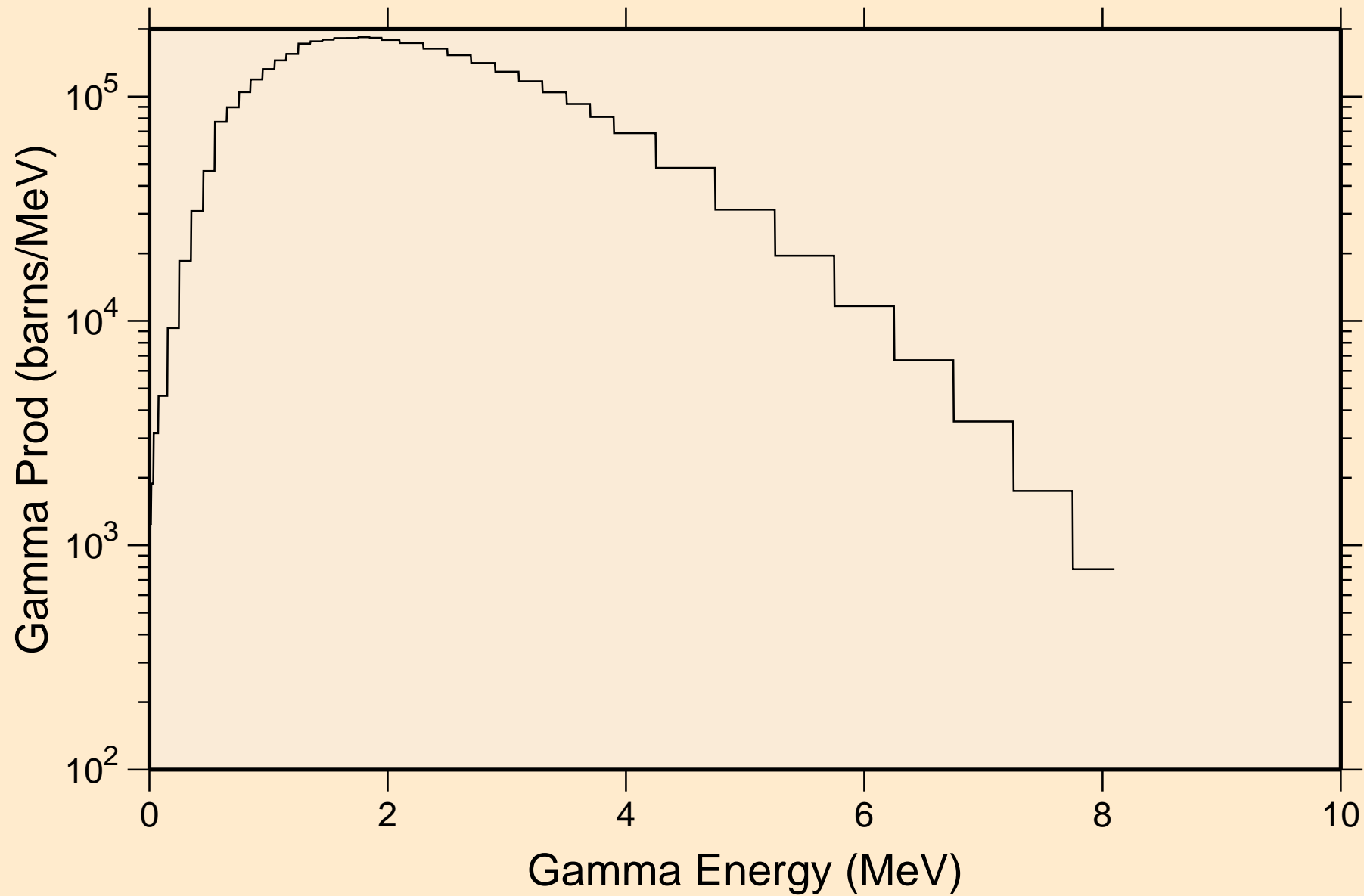
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



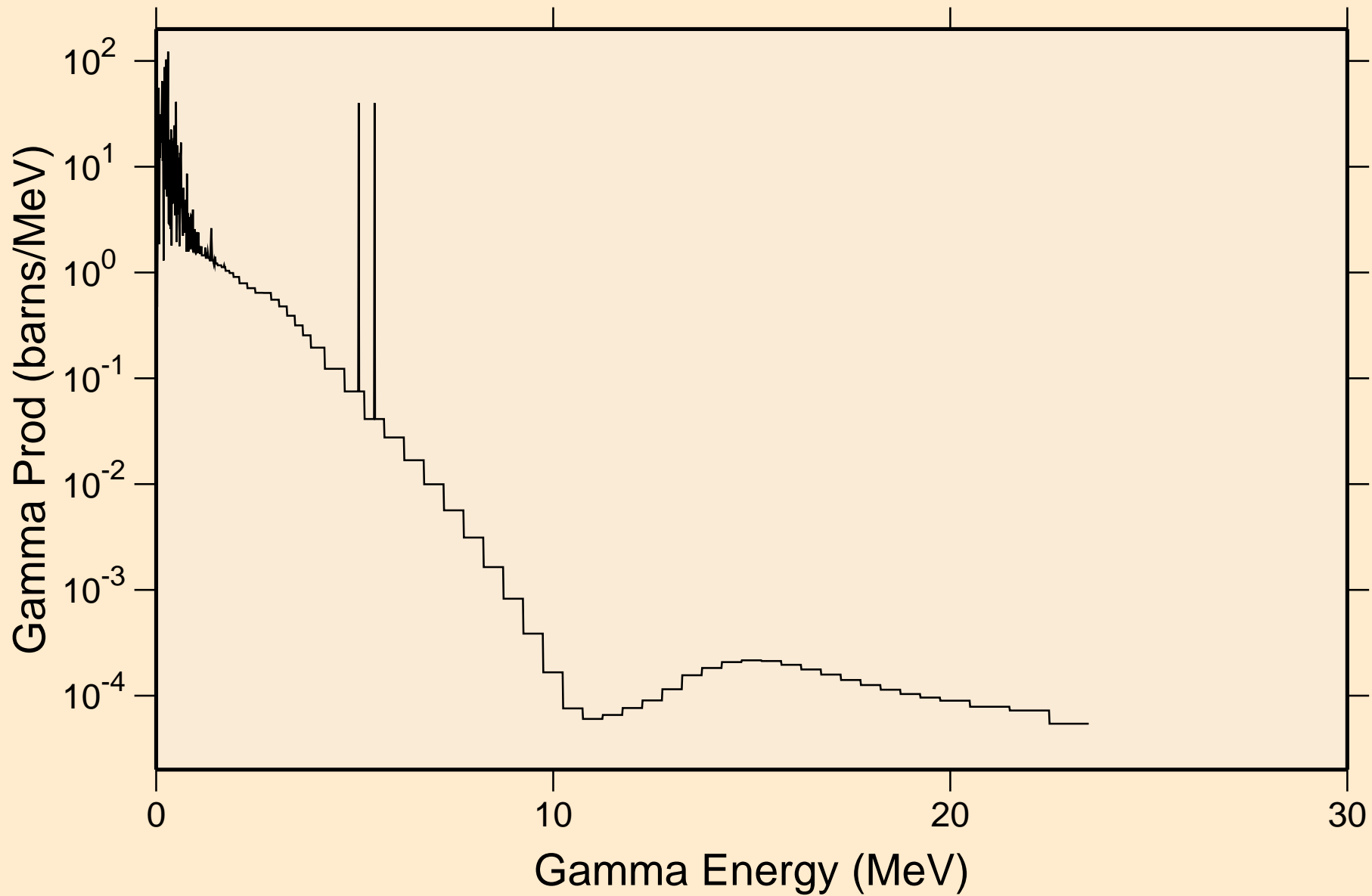
SM137 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SM137 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

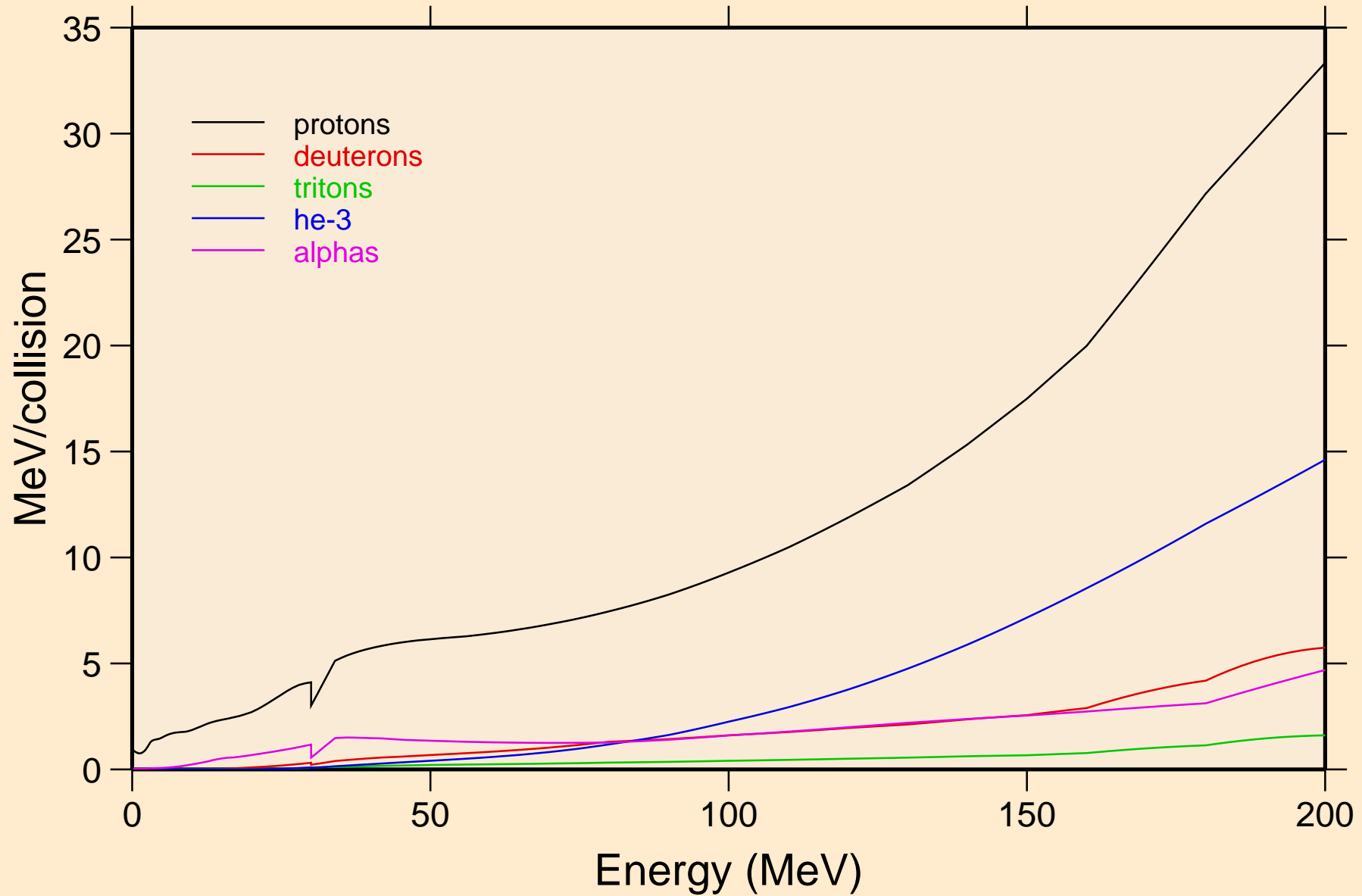


SM137 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



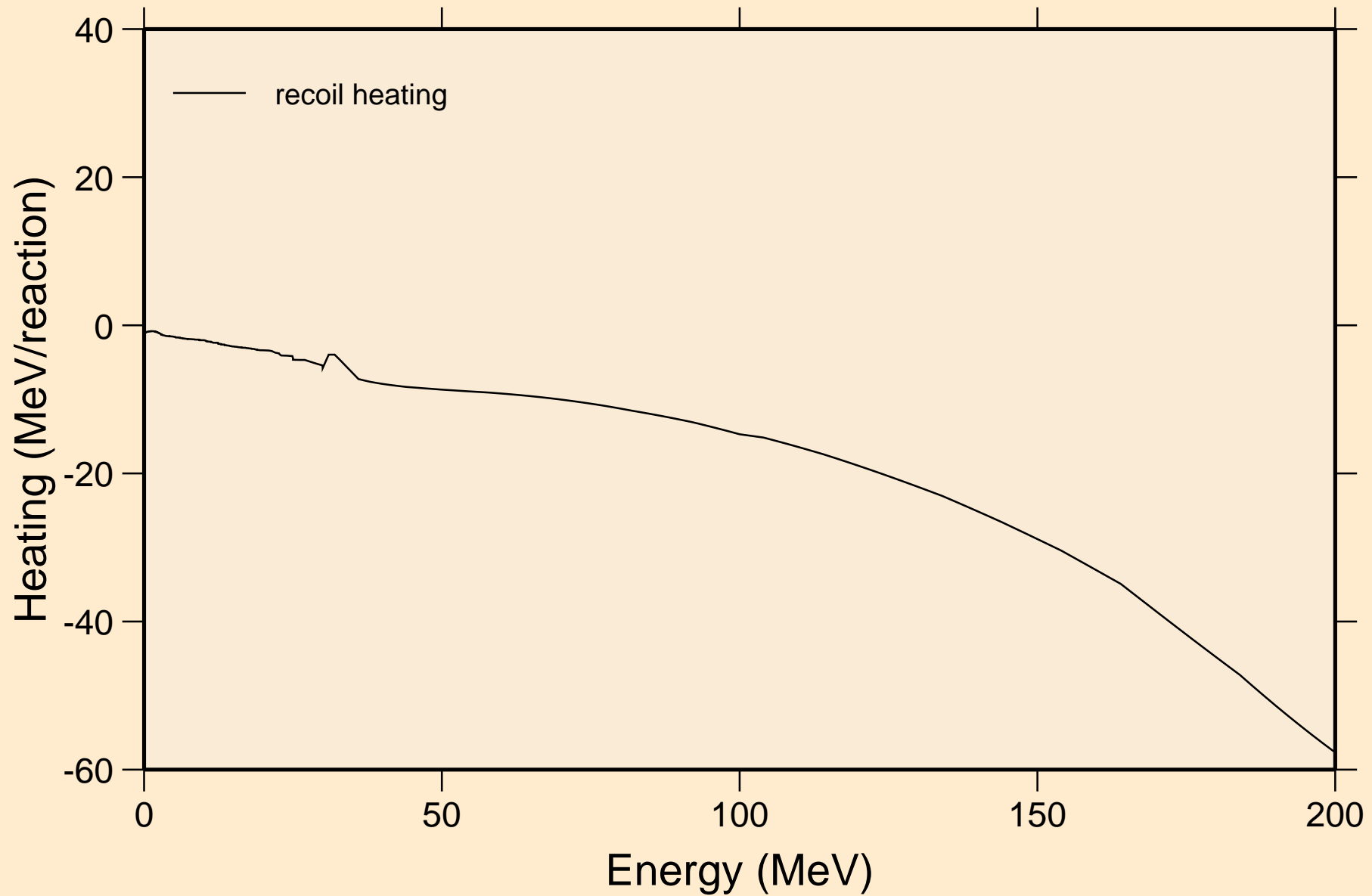
# SM137 NRG TENDL-2015, AKONING

## Particle heating contributions



# SM137 NRG TENDL-2015, AKONING

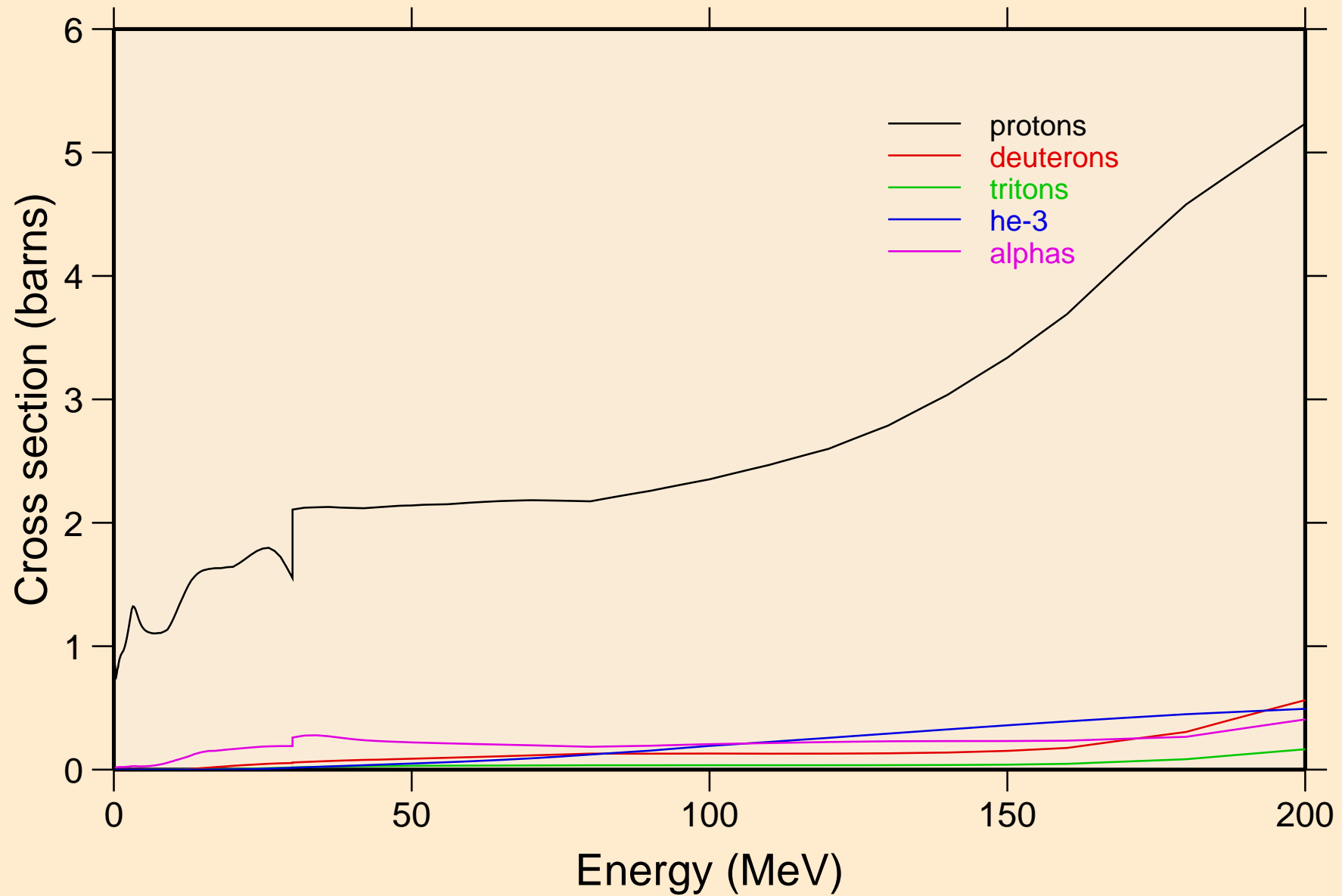
## Recoil Heating



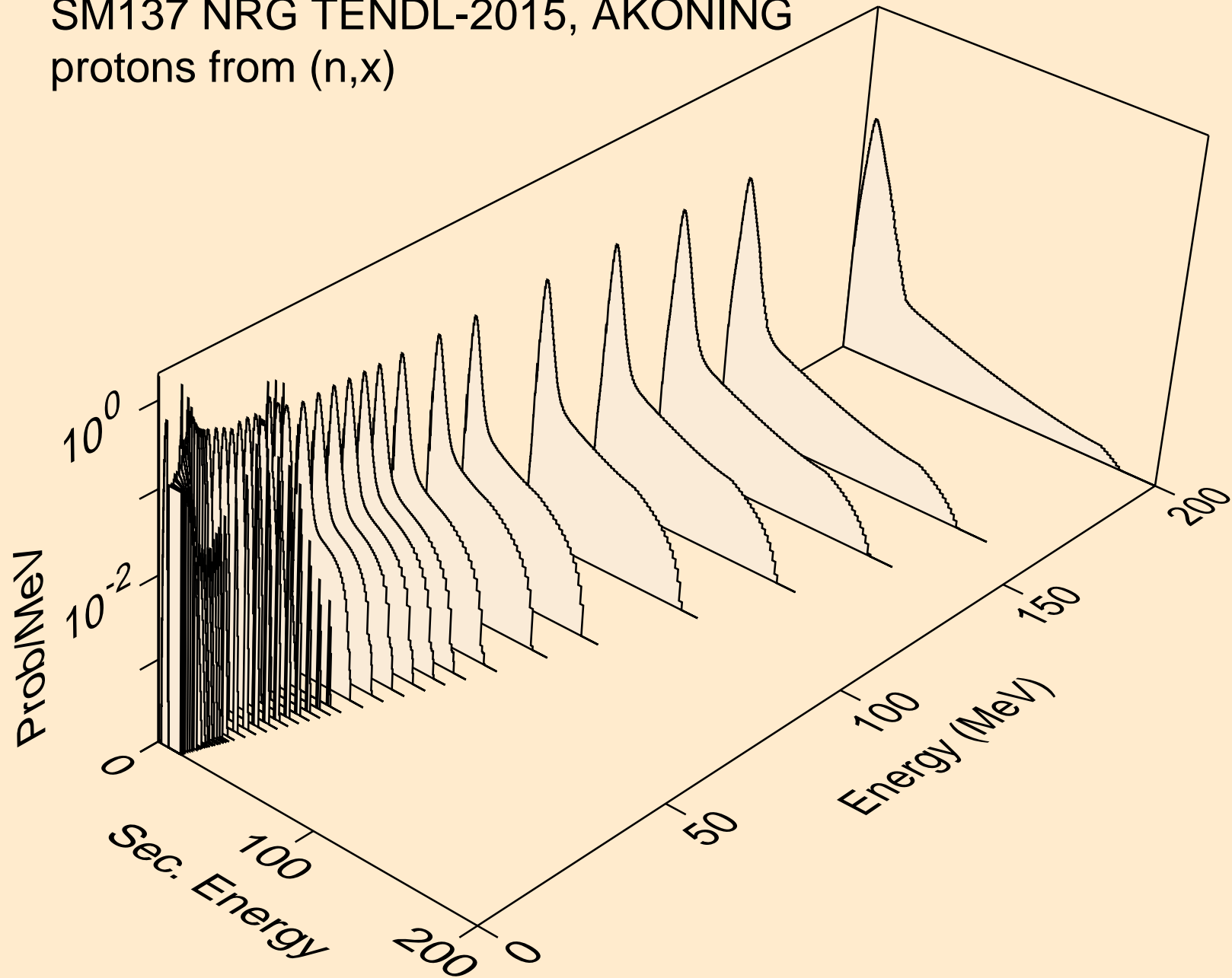


# SM137 NRG TENDL-2015, AKONING

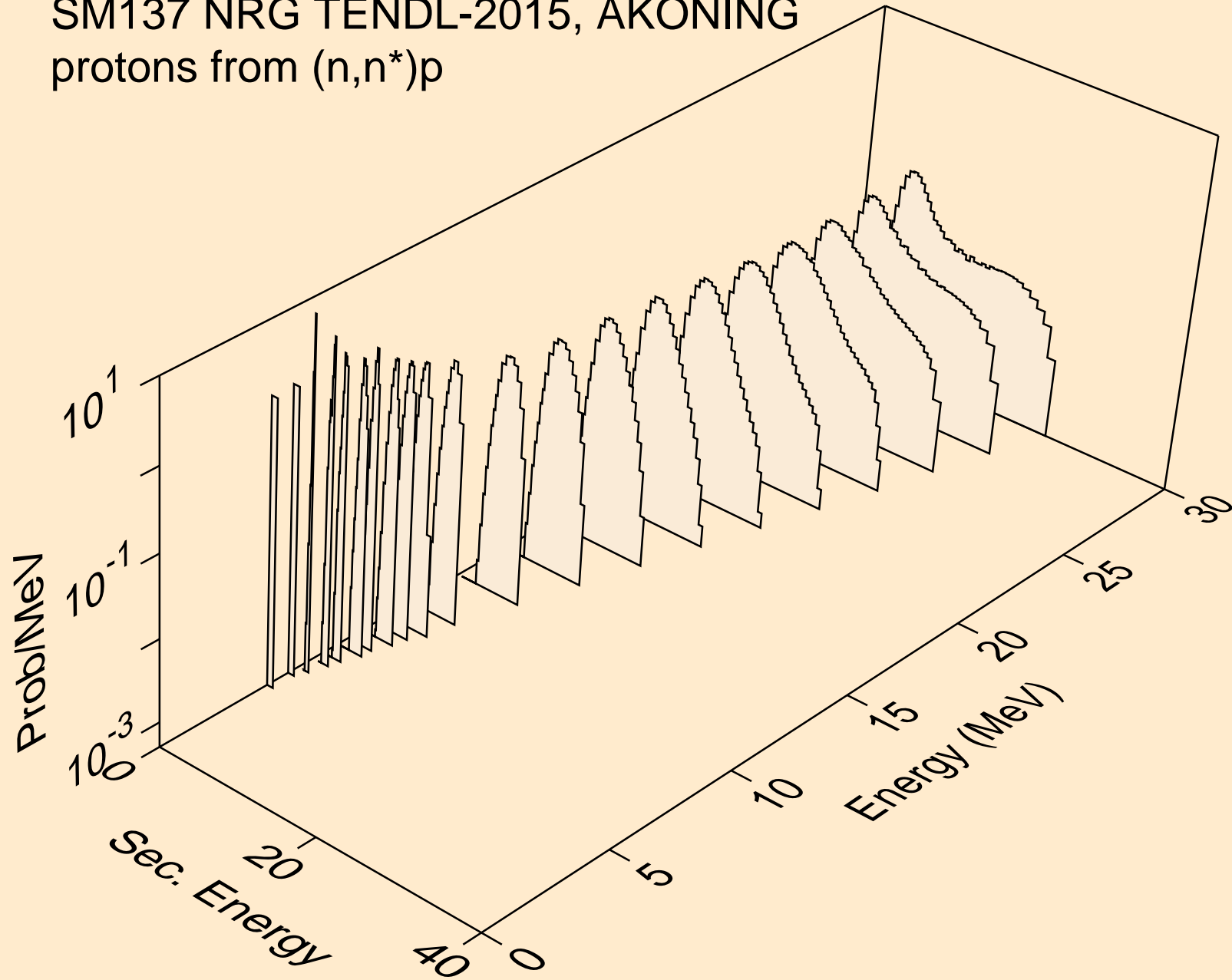
## Particle production cross sections



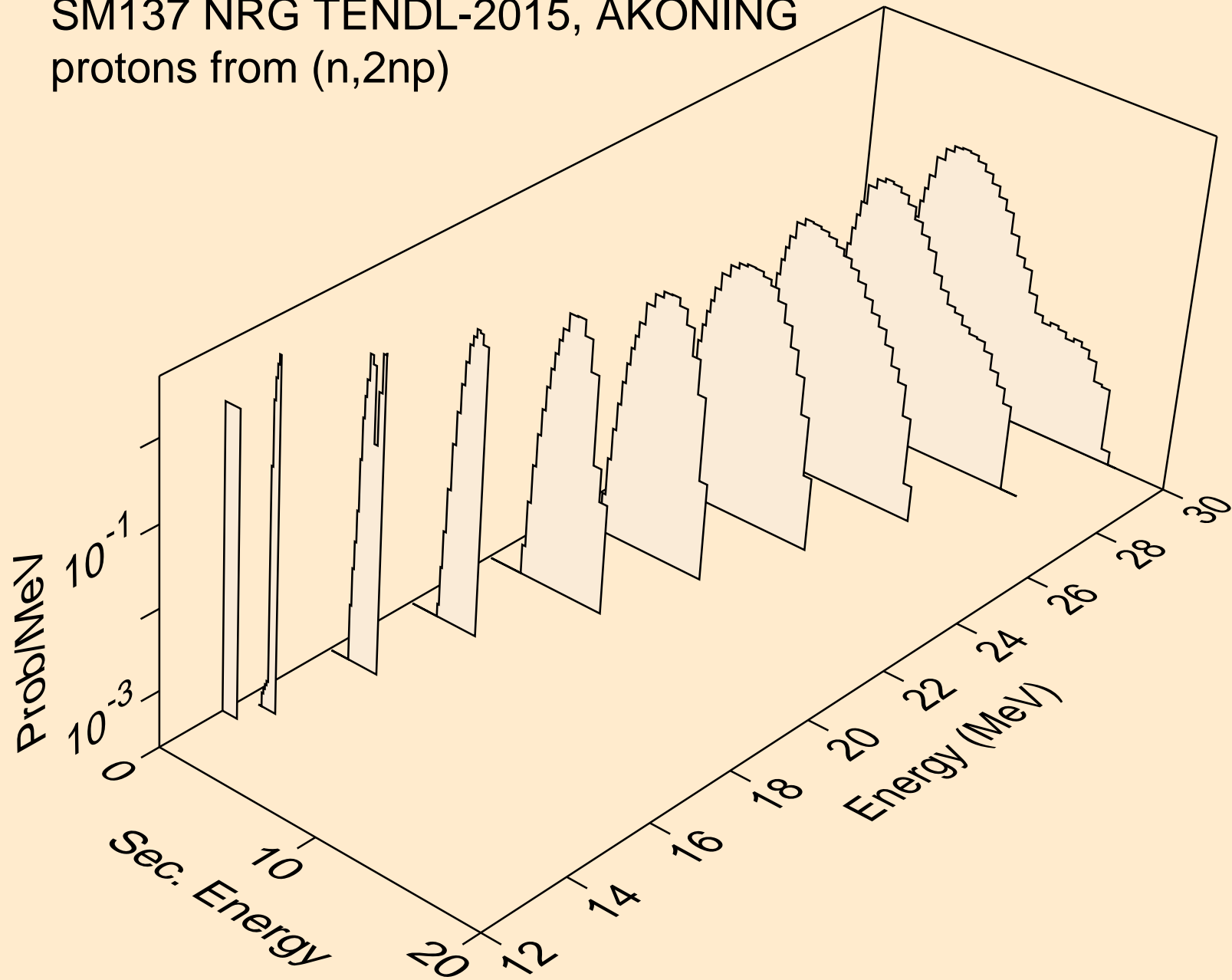
SM137 NRG TENDL-2015, AKONING  
protons from (n,x)



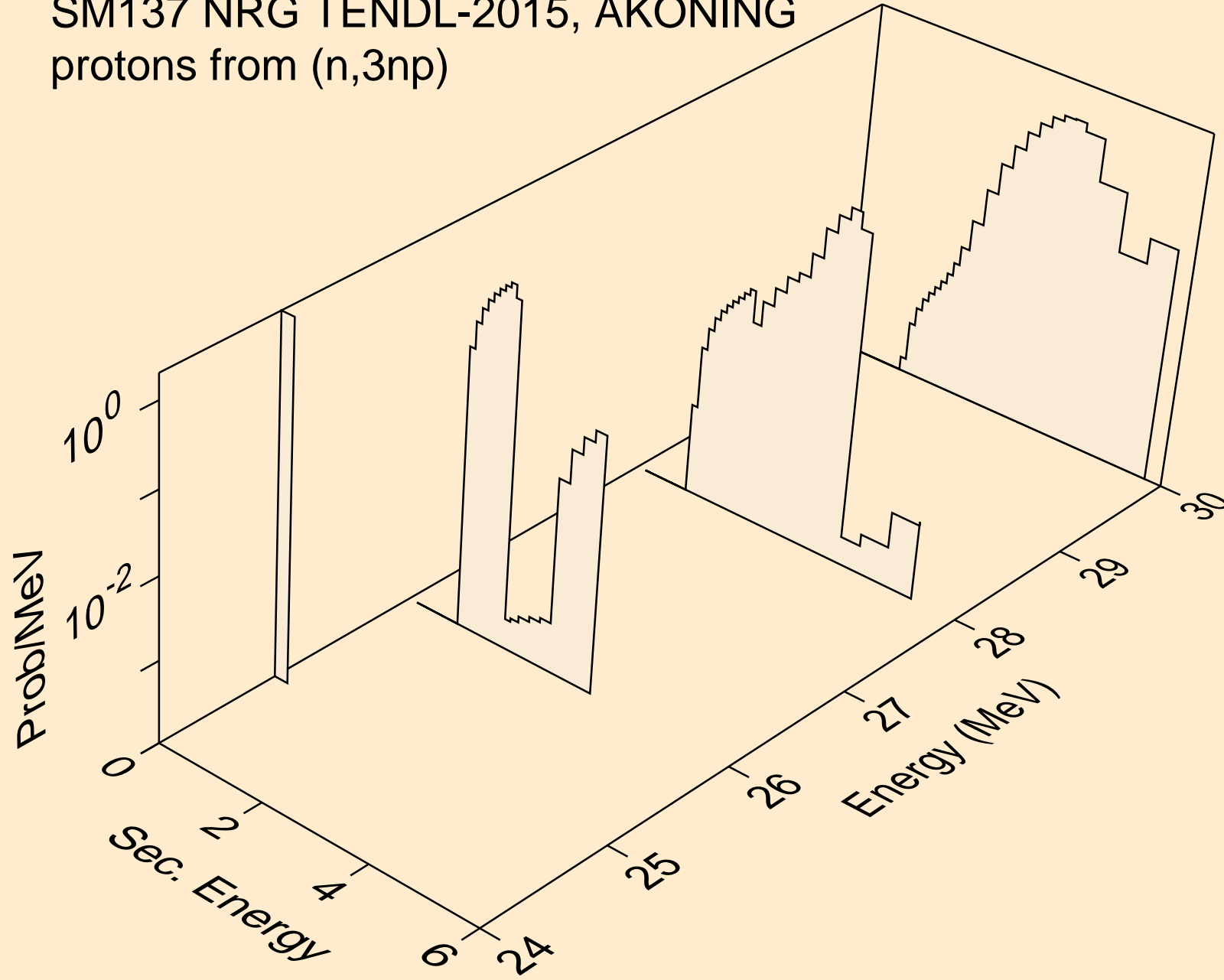
SM137 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



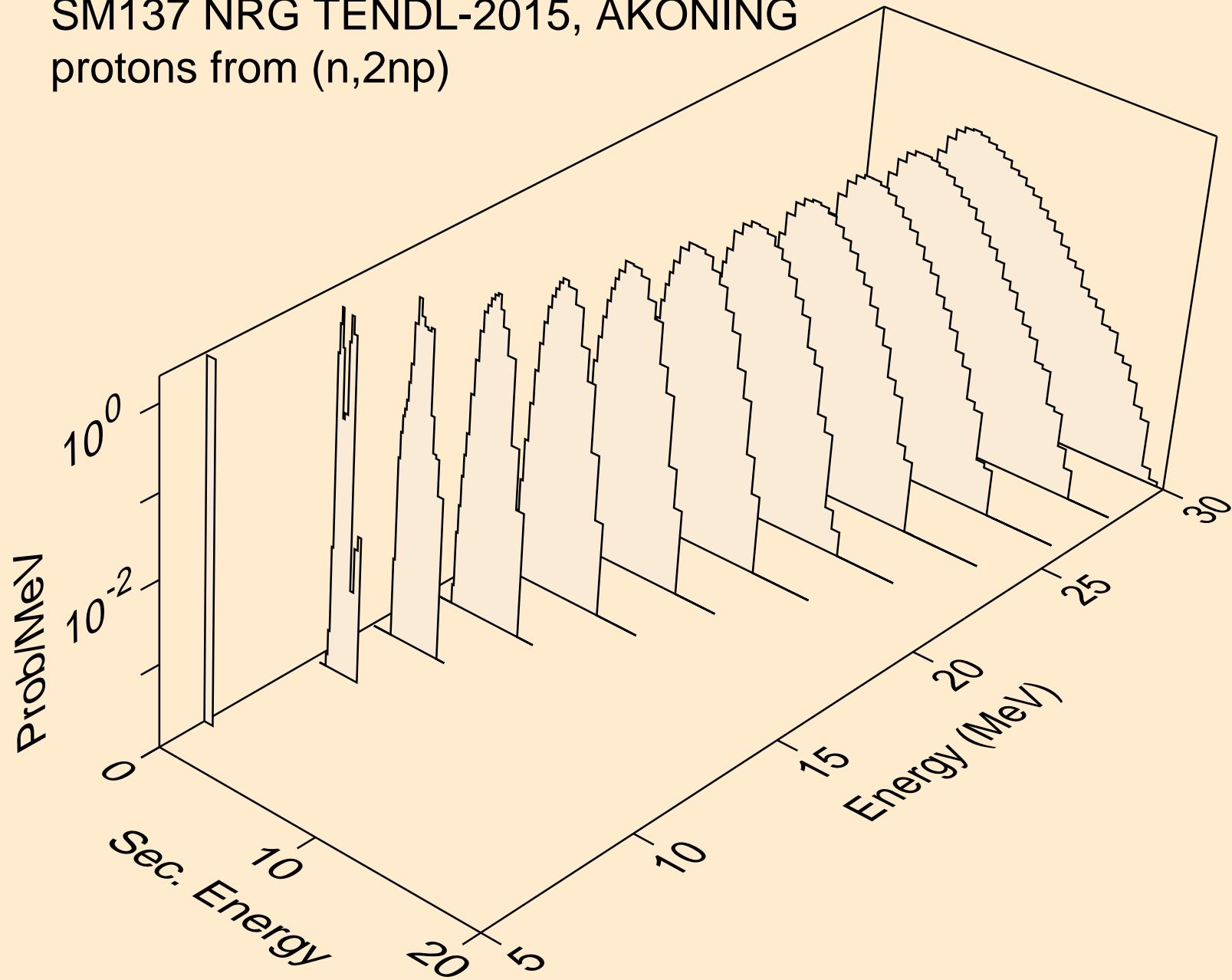
SM137 NRG TENDL-2015, AKONING  
protons from (n,2np)



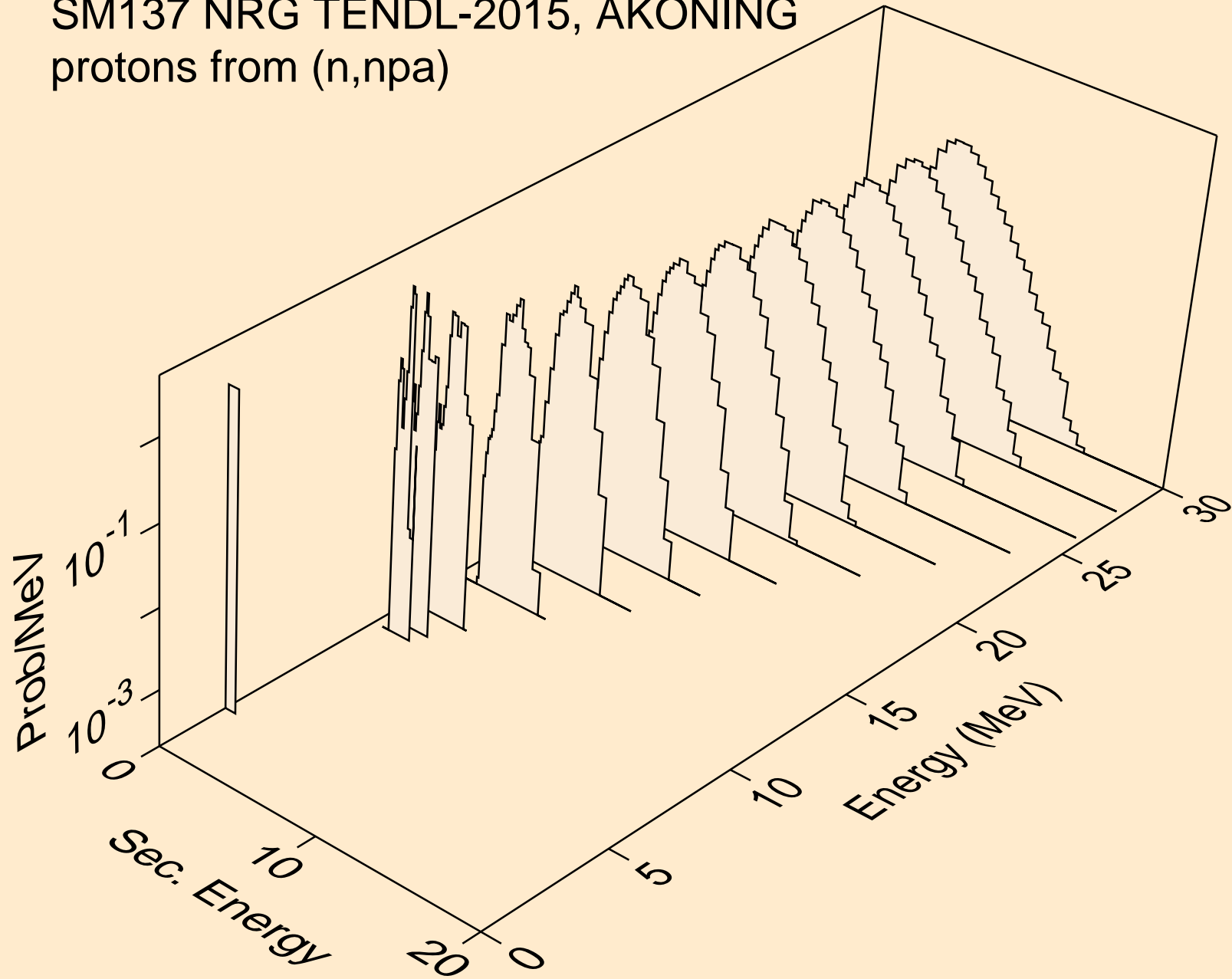
SM137 NRG TENDL-2015, AKONING  
protons from (n,3np)



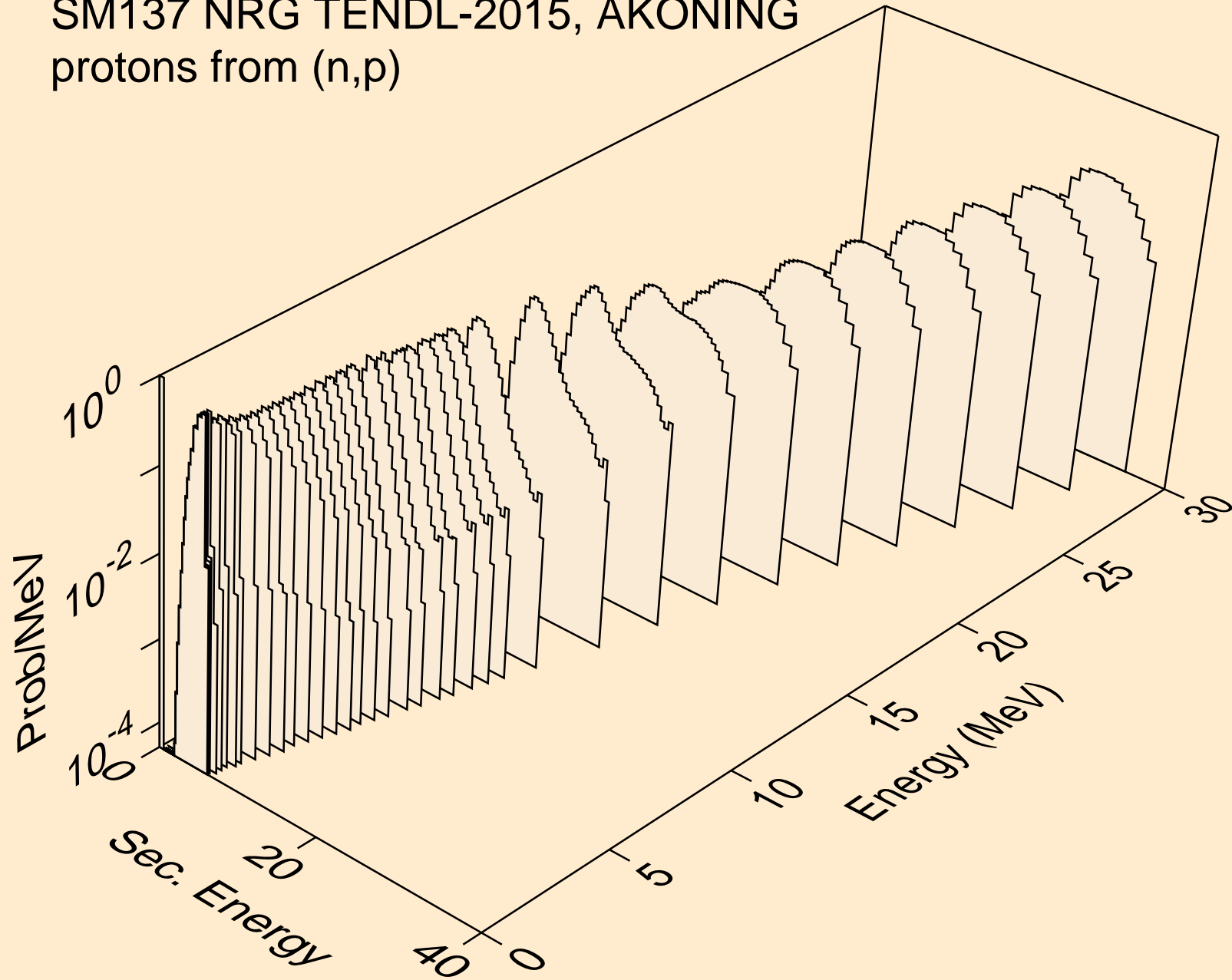
SM137 NRG TENDL-2015, AKONING  
protons from (n,2np)



SM137 NRG TENDL-2015, AKONING  
protons from (n,npa)

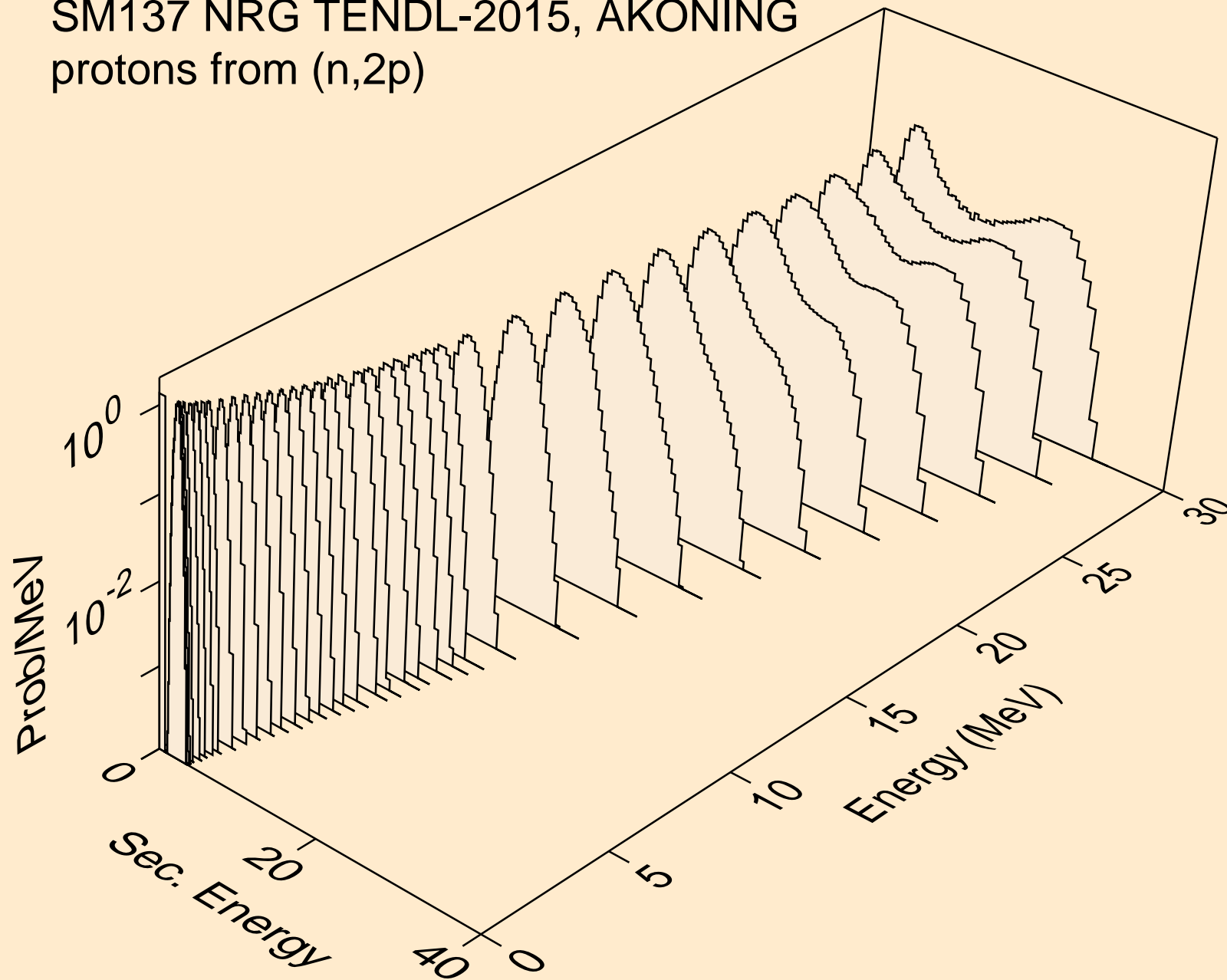


SM137 NRG TENDL-2015, AKONING  
protons from (n,p)

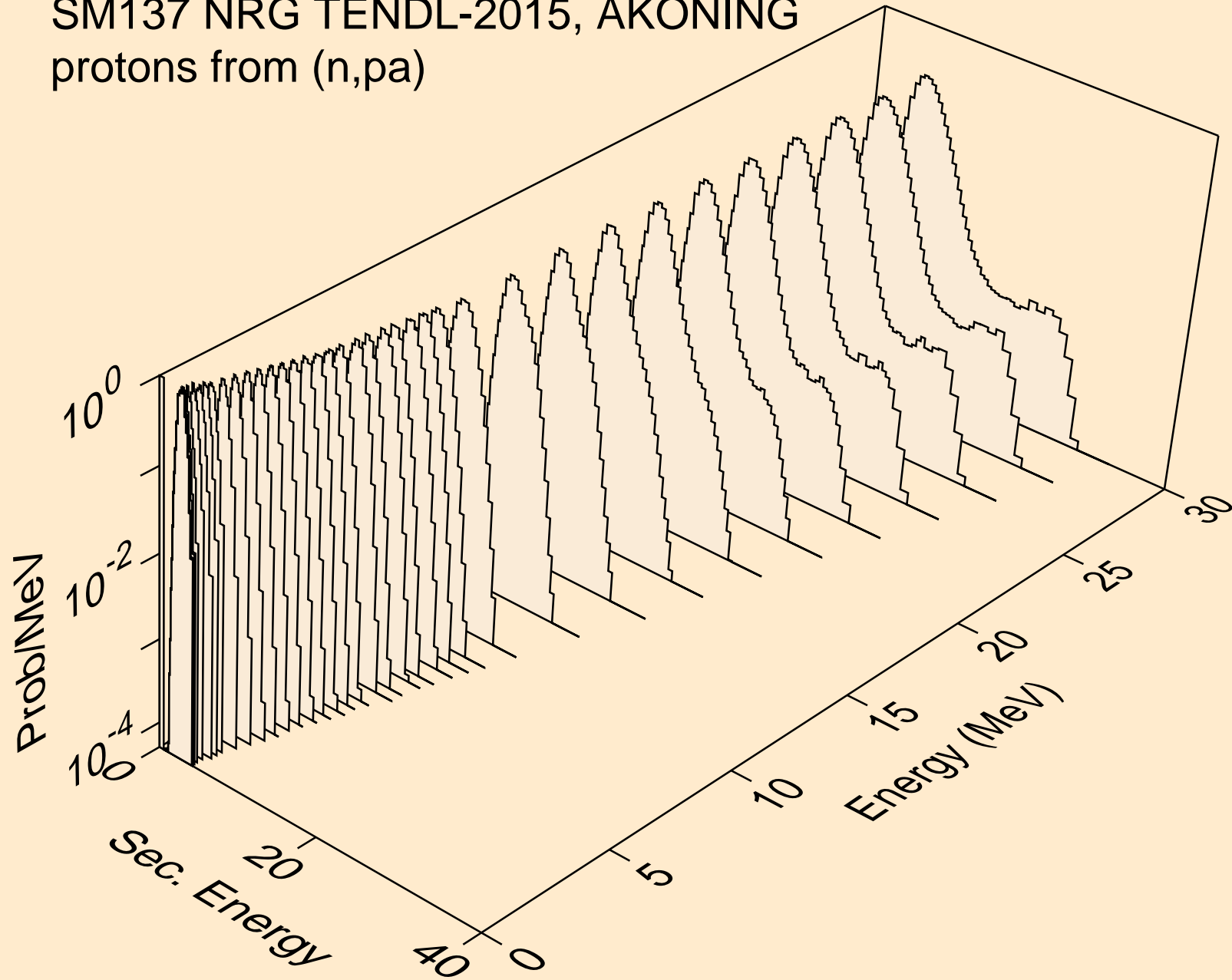




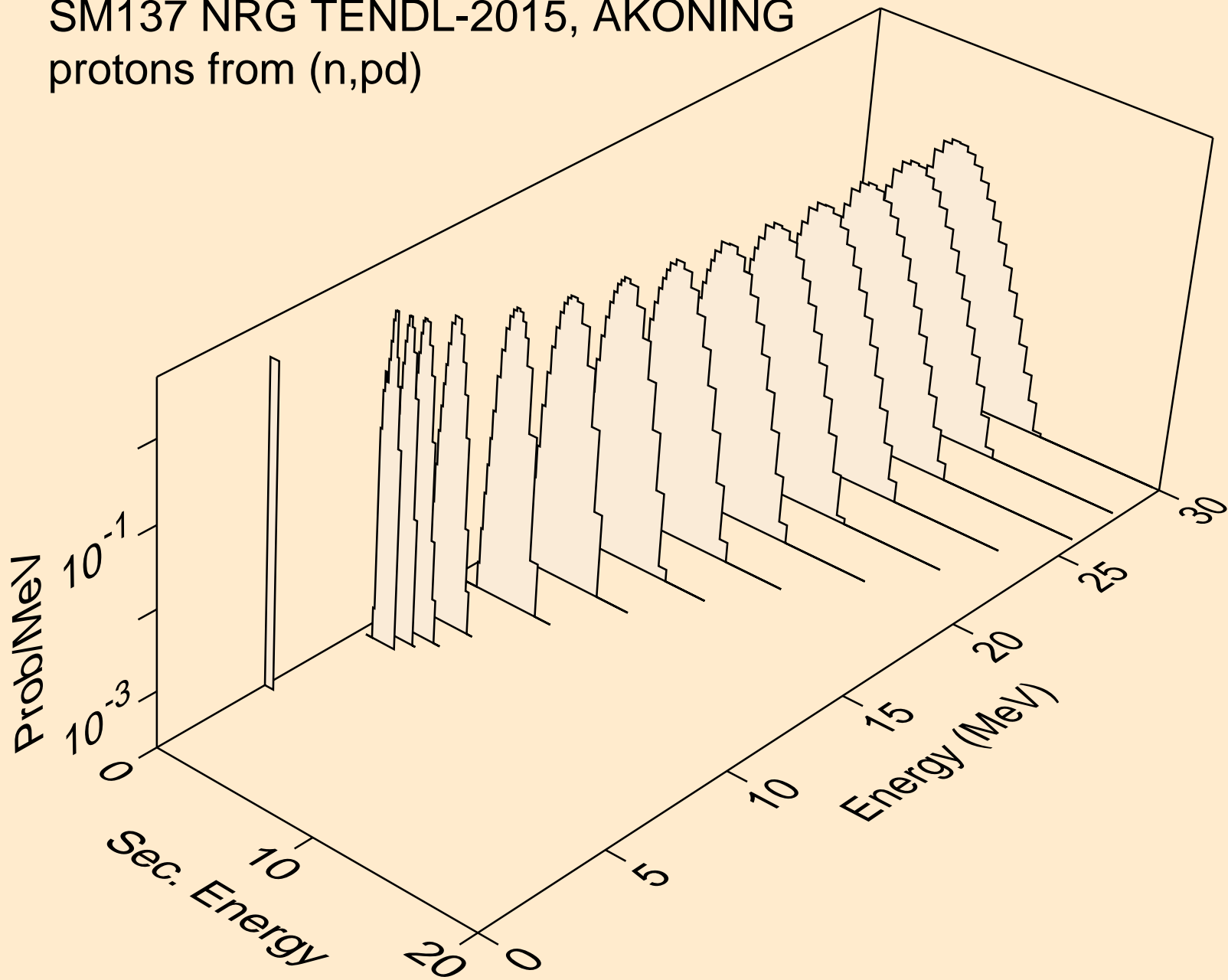
SM137 NRG TENDL-2015, AKONING  
protons from (n,2p)



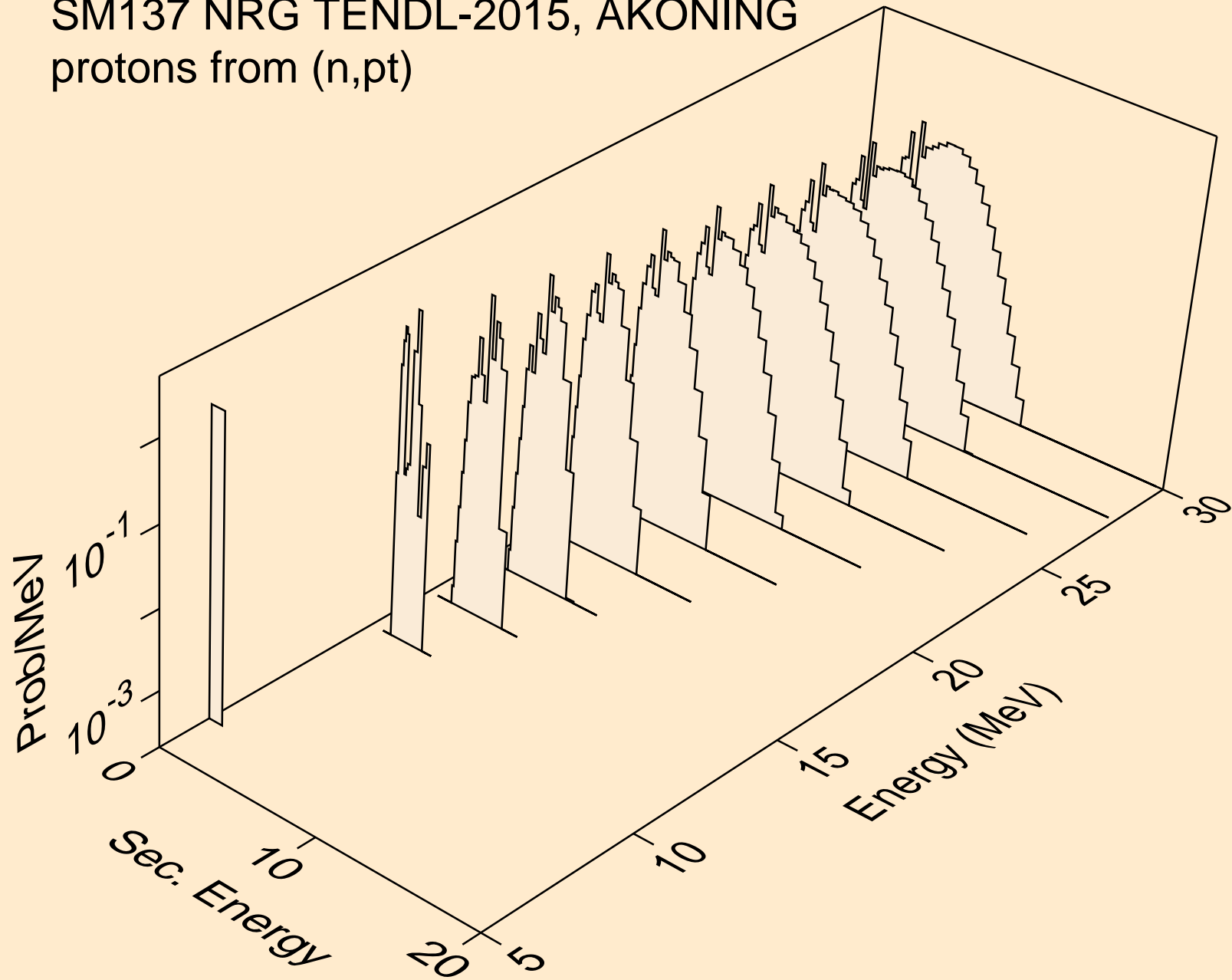
SM137 NRG TENDL-2015, AKONING  
protons from (n,pa)



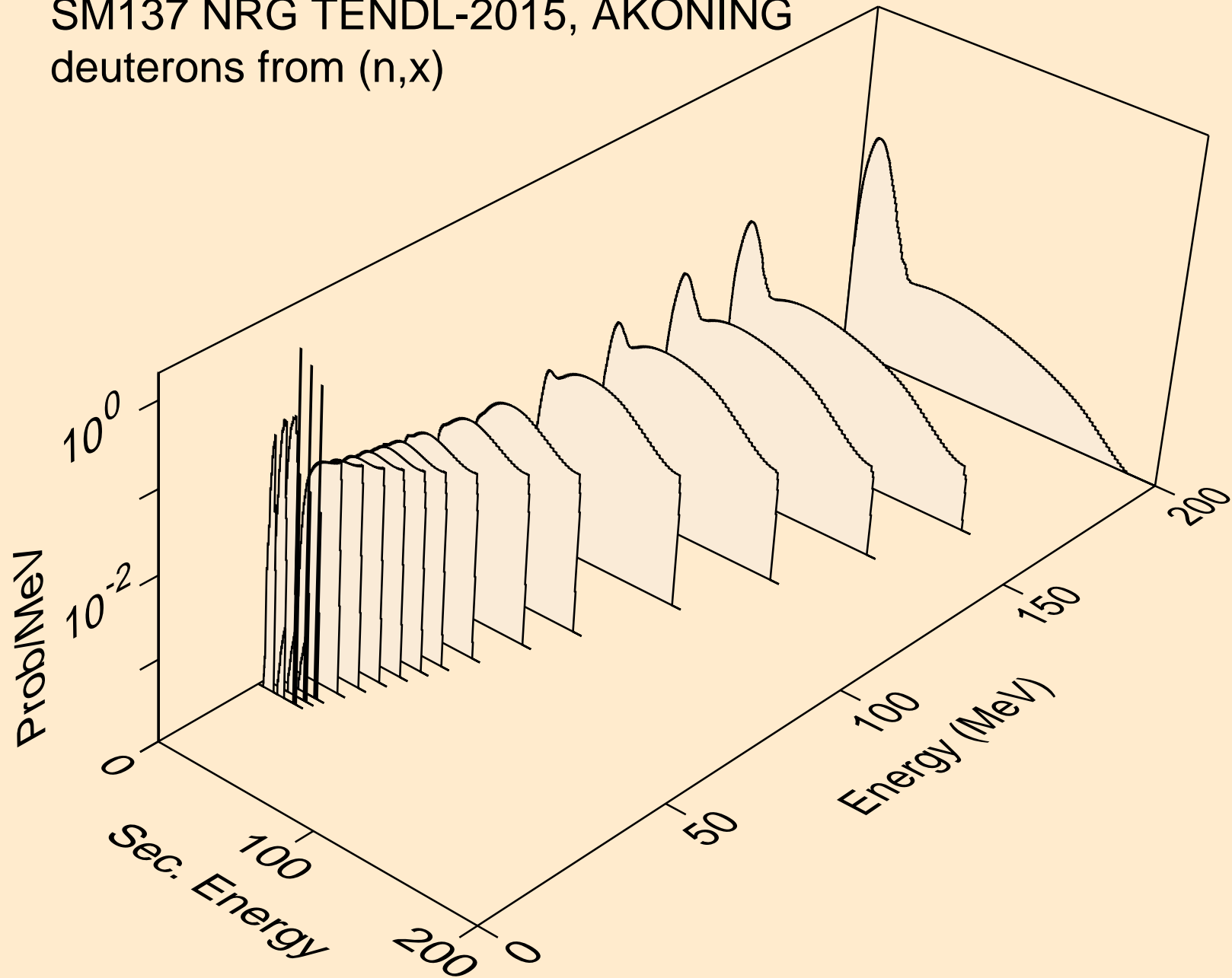
SM137 NRG TENDL-2015, AKONING  
protons from (n,pd)



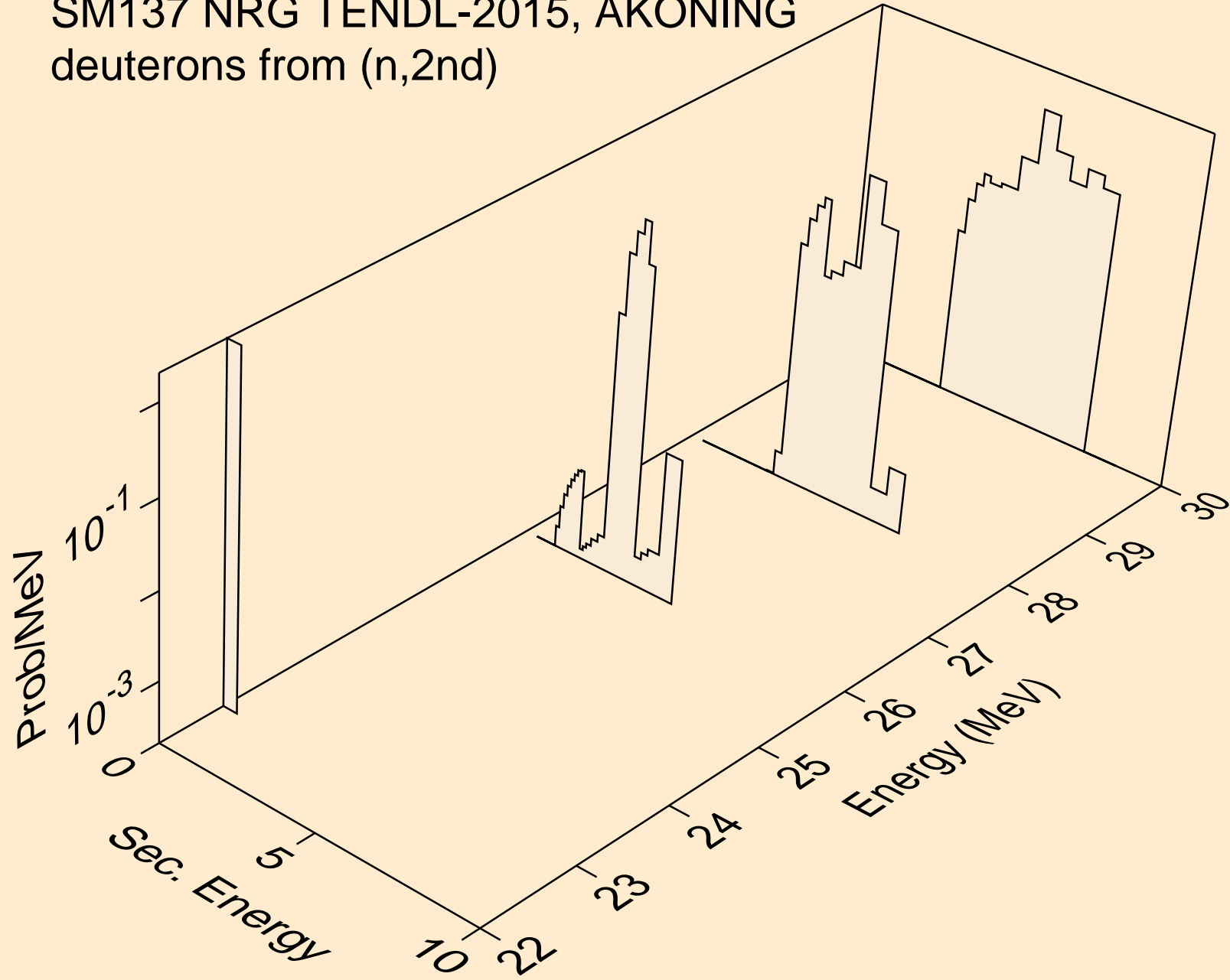
SM137 NRG TENDL-2015, AKONING  
protons from (n,pt)



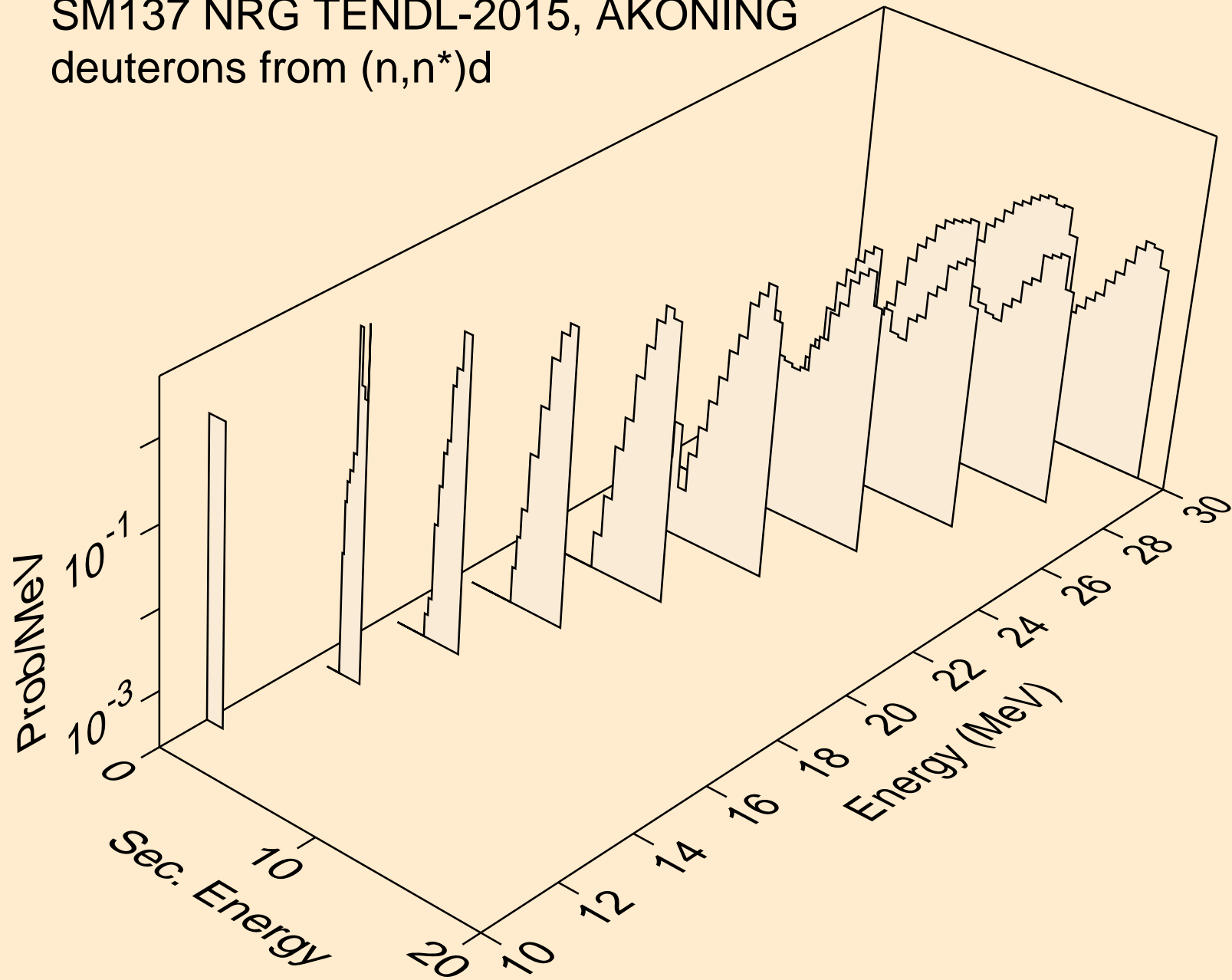
SM137 NRG TENDL-2015, AKONING  
deuterons from (n,x)



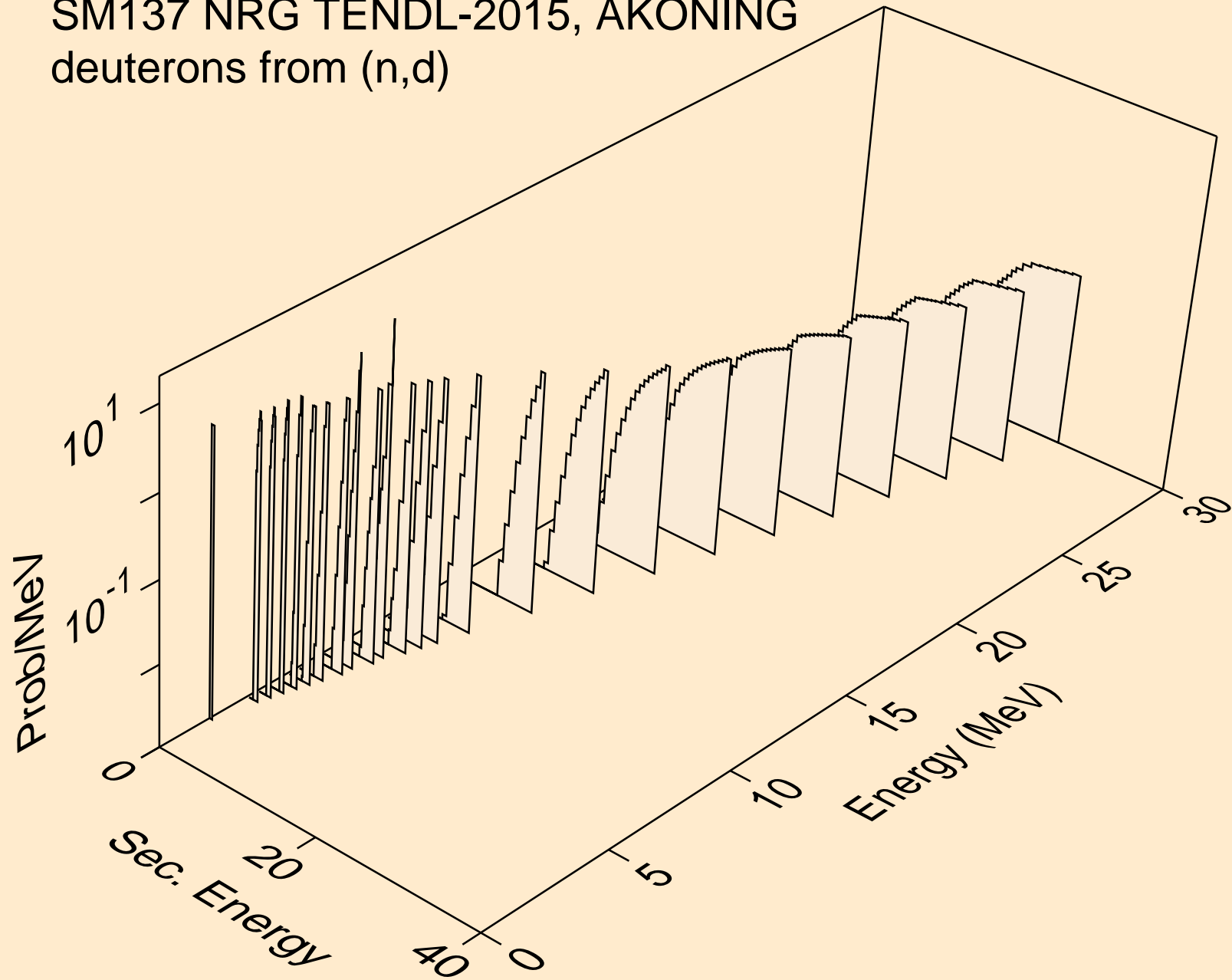
SM137 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



SM137 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

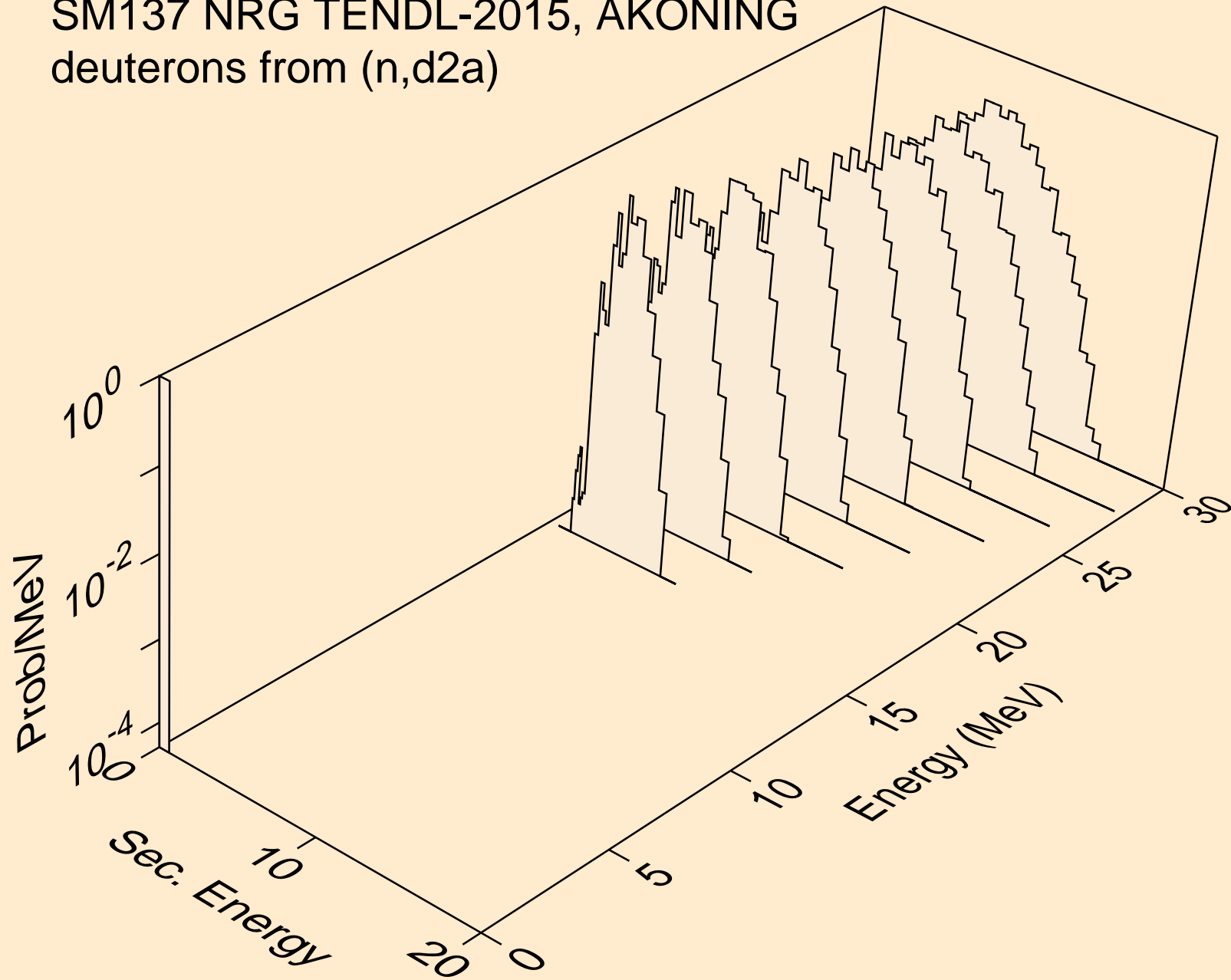


SM137 NRG TENDL-2015, AKONING  
deuterons from (n,d)

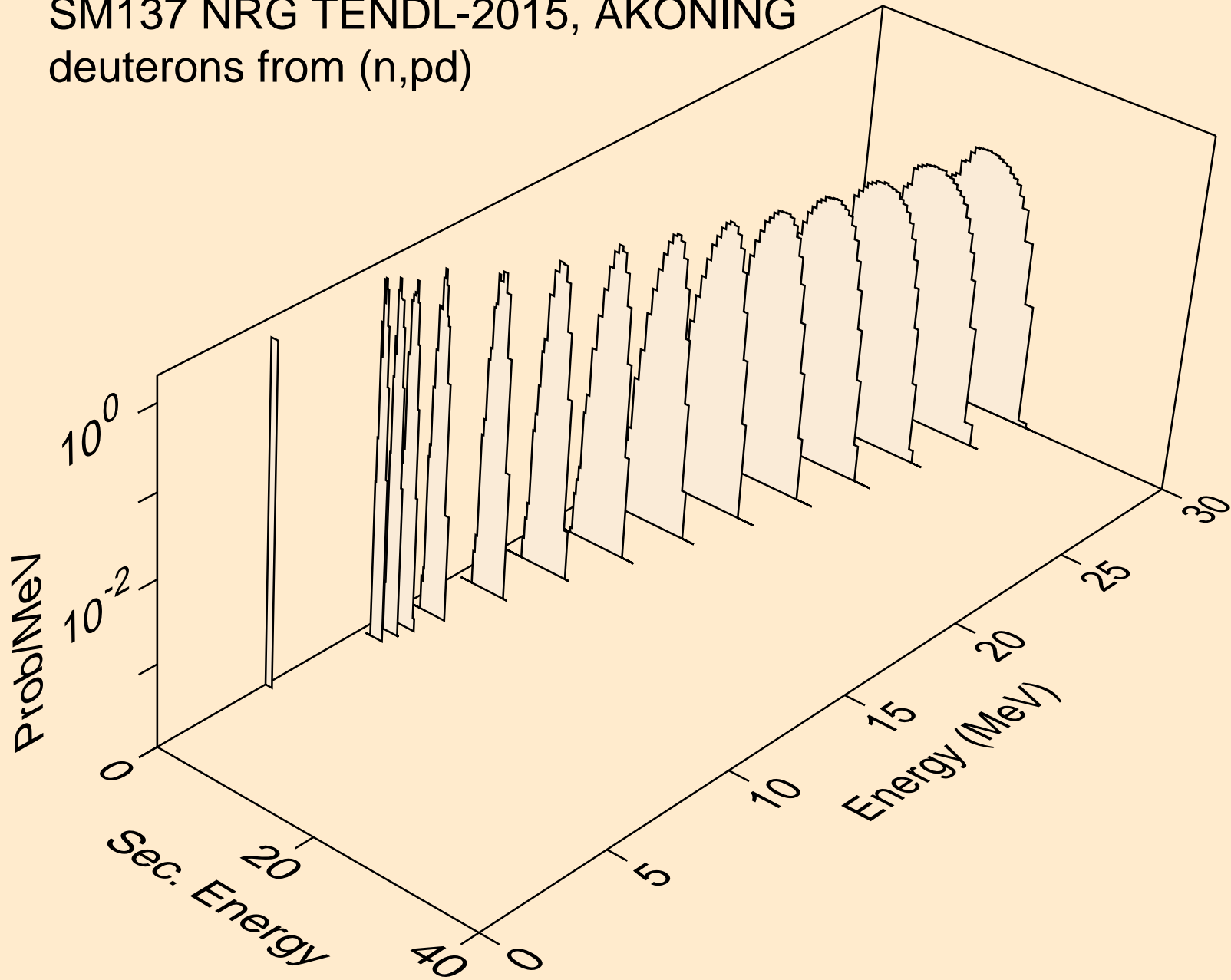




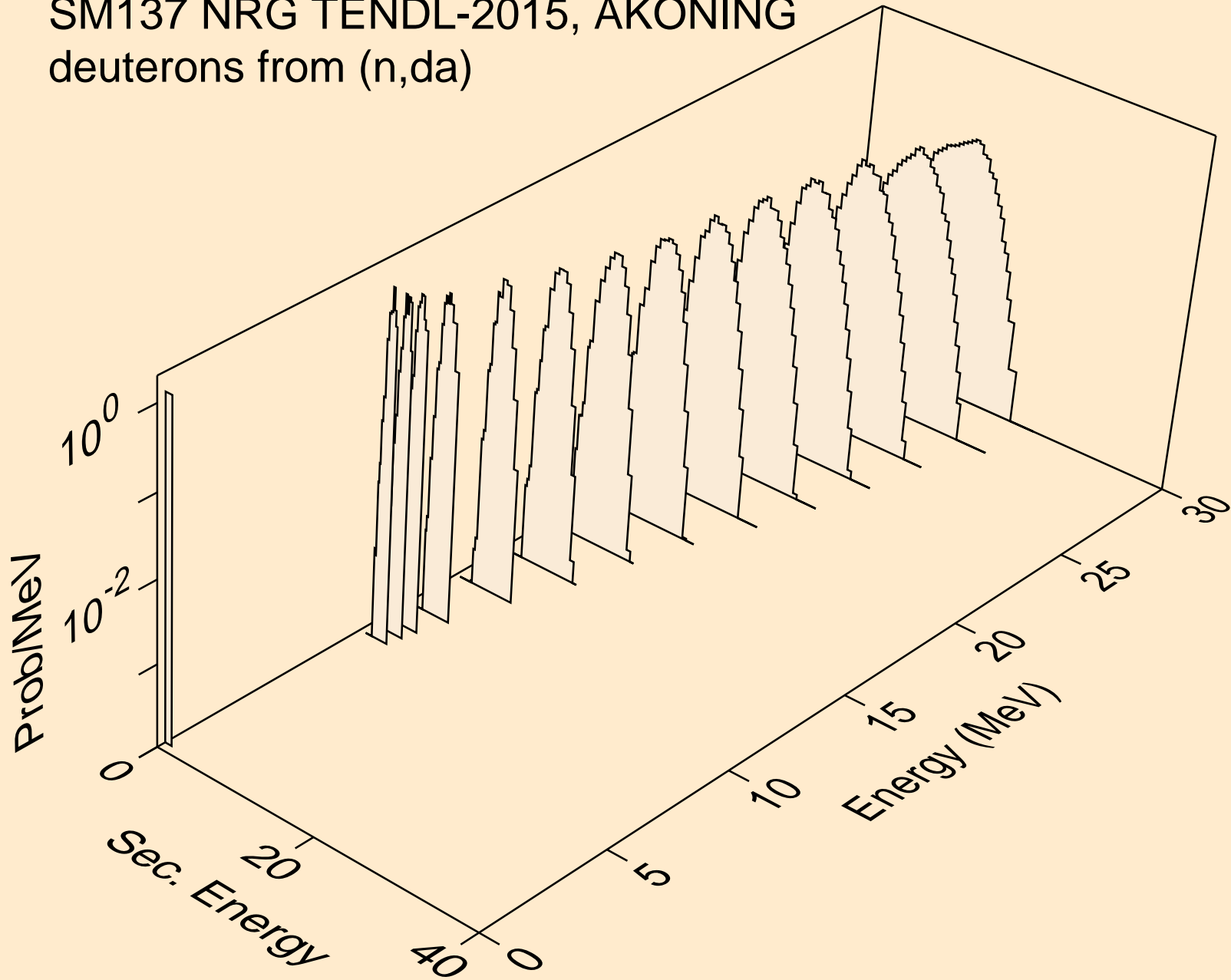
SM137 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



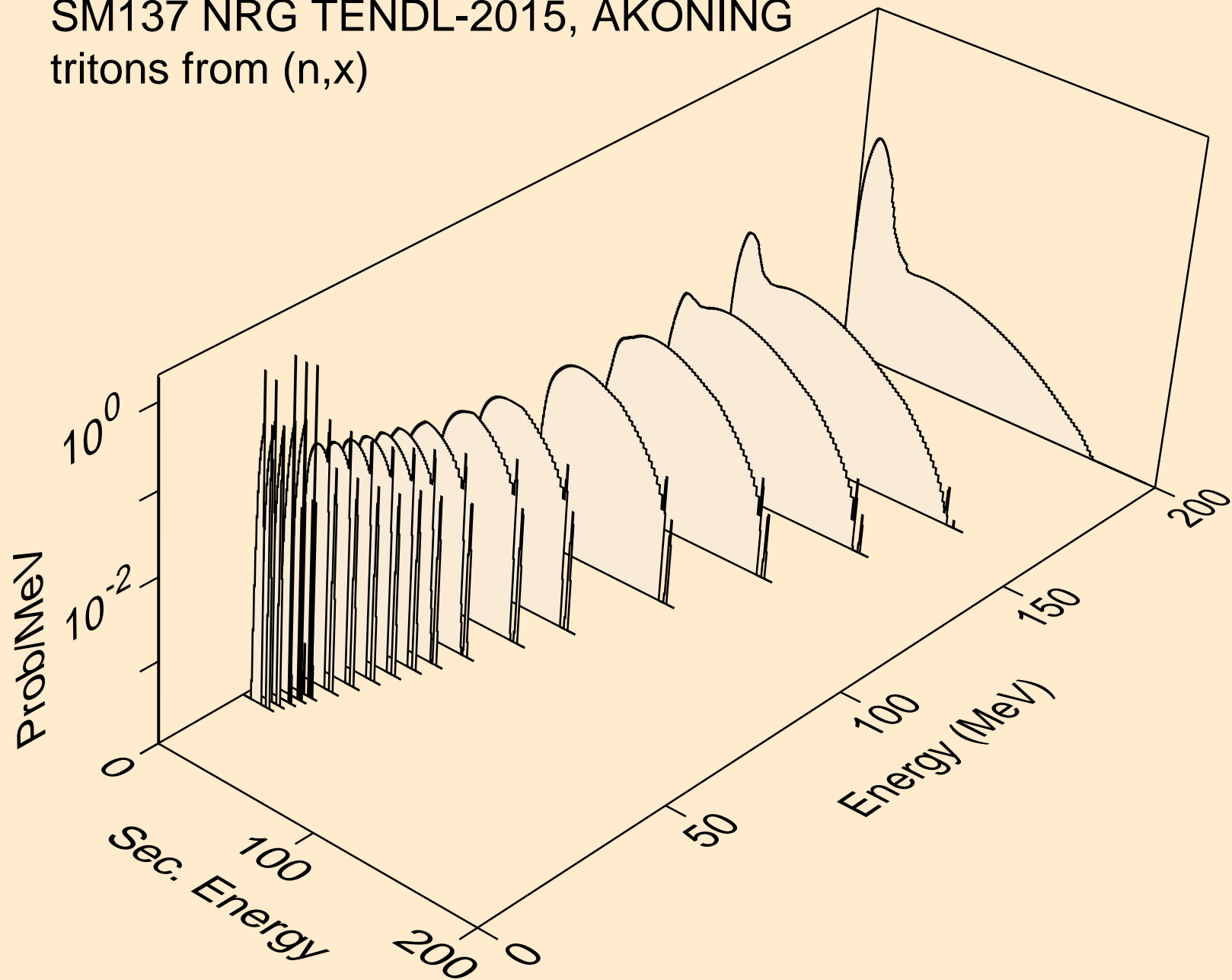
SM137 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



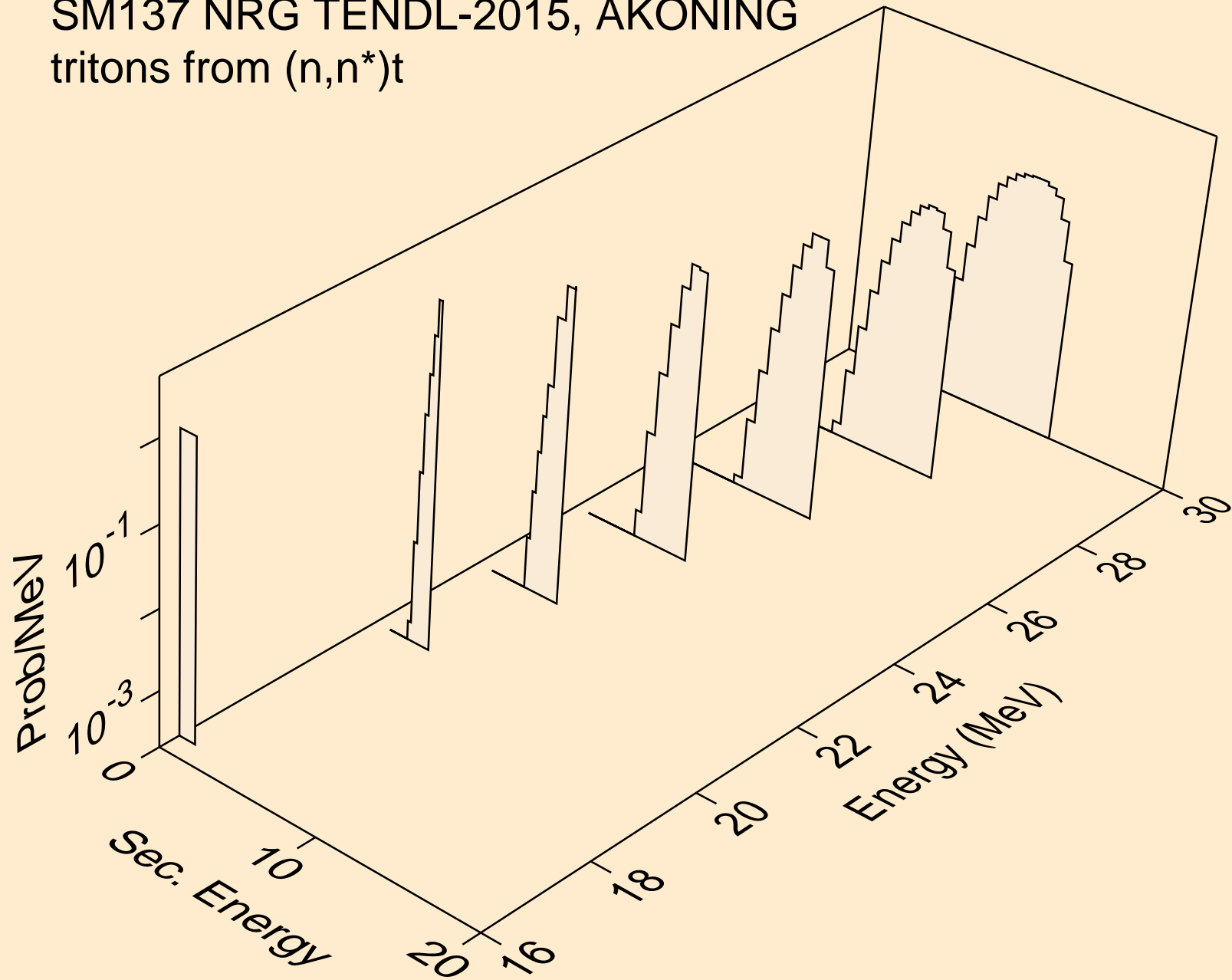
SM137 NRG TENDL-2015, AKONING  
deuterons from (n,da)



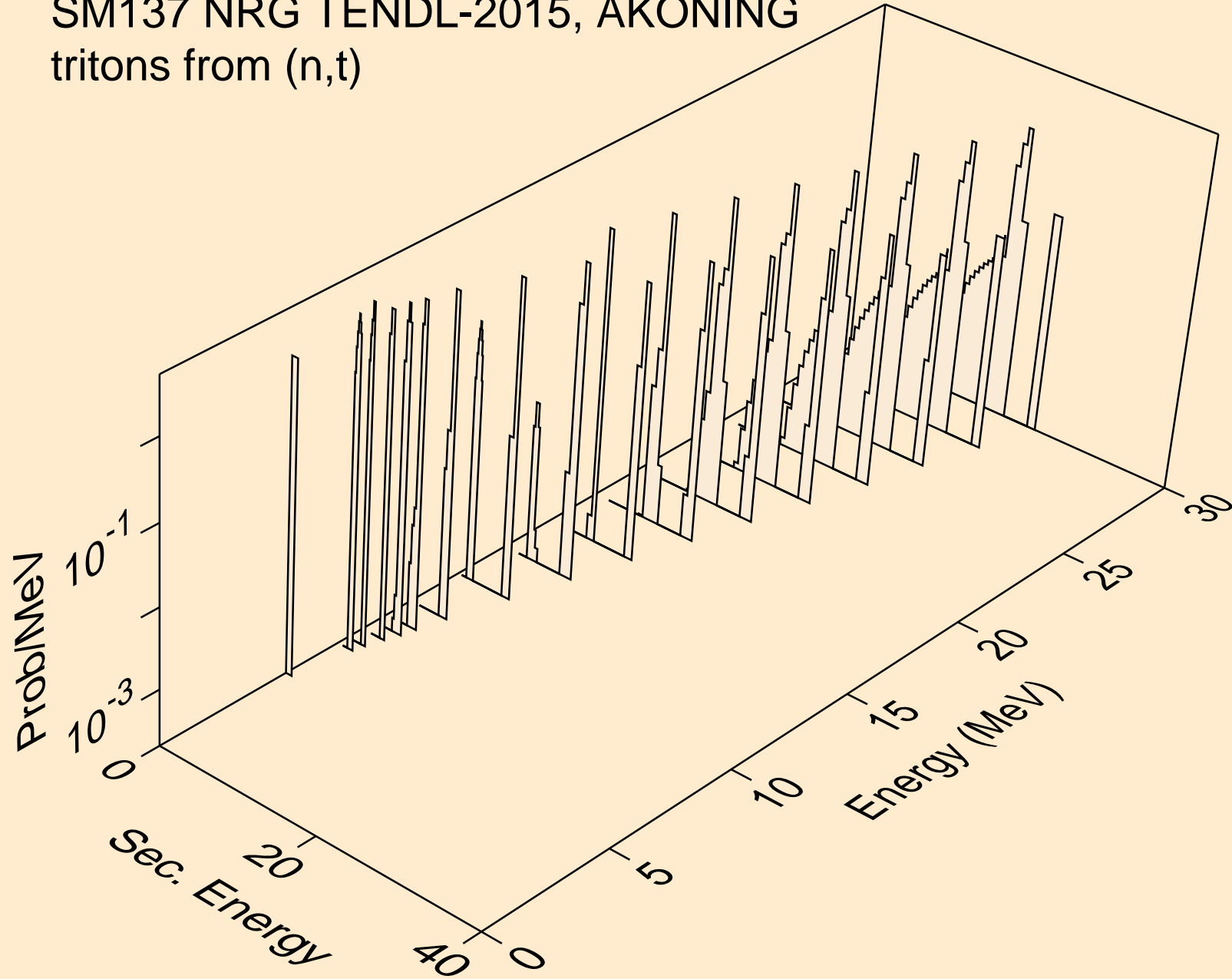
SM137 NRG TENDL-2015, AKONING  
tritons from (n,x)



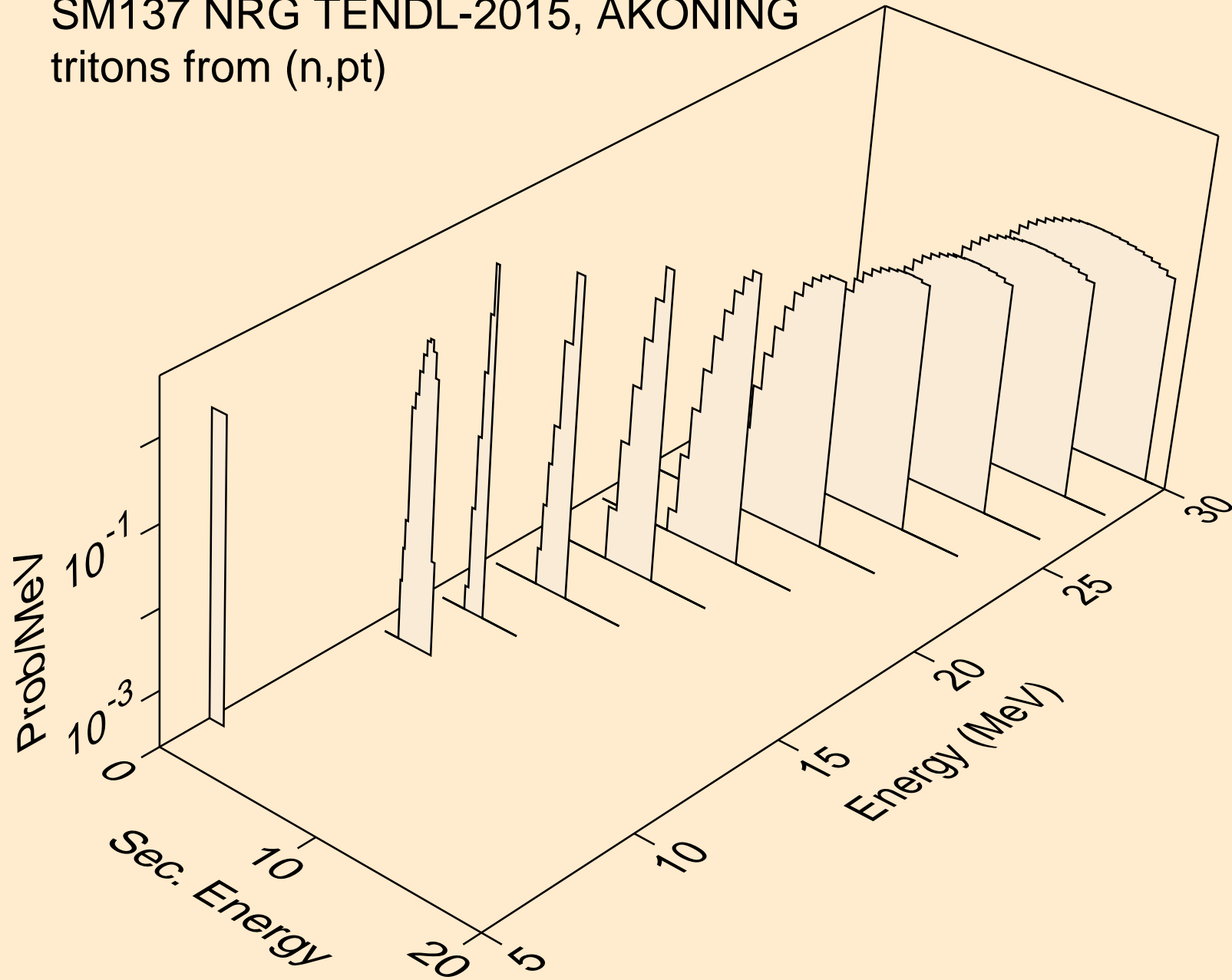
SM137 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



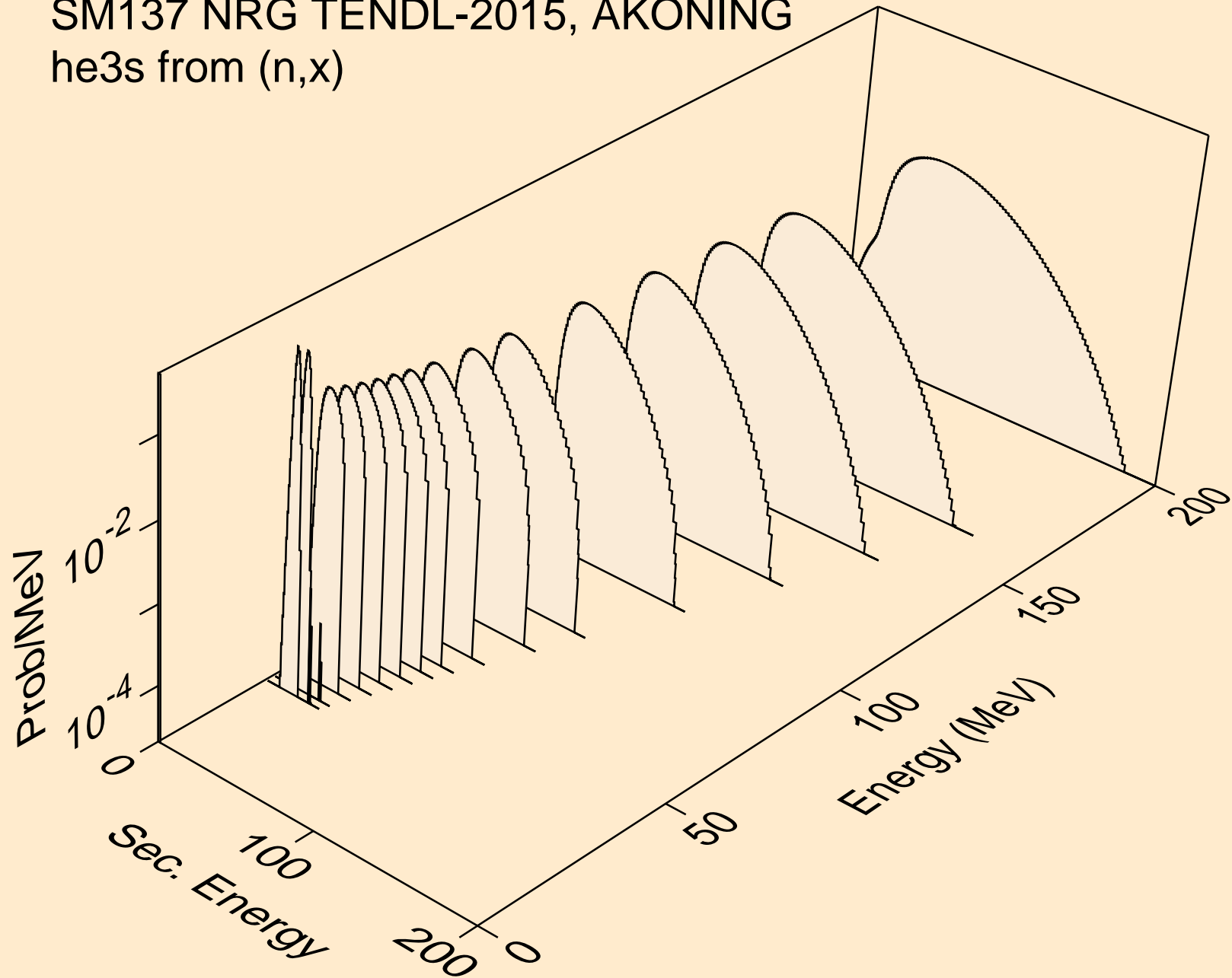
SM137 NRG TENDL-2015, AKONING  
tritons from (n,t)



SM137 NRG TENDL-2015, AKONING  
tritons from (n,pt)

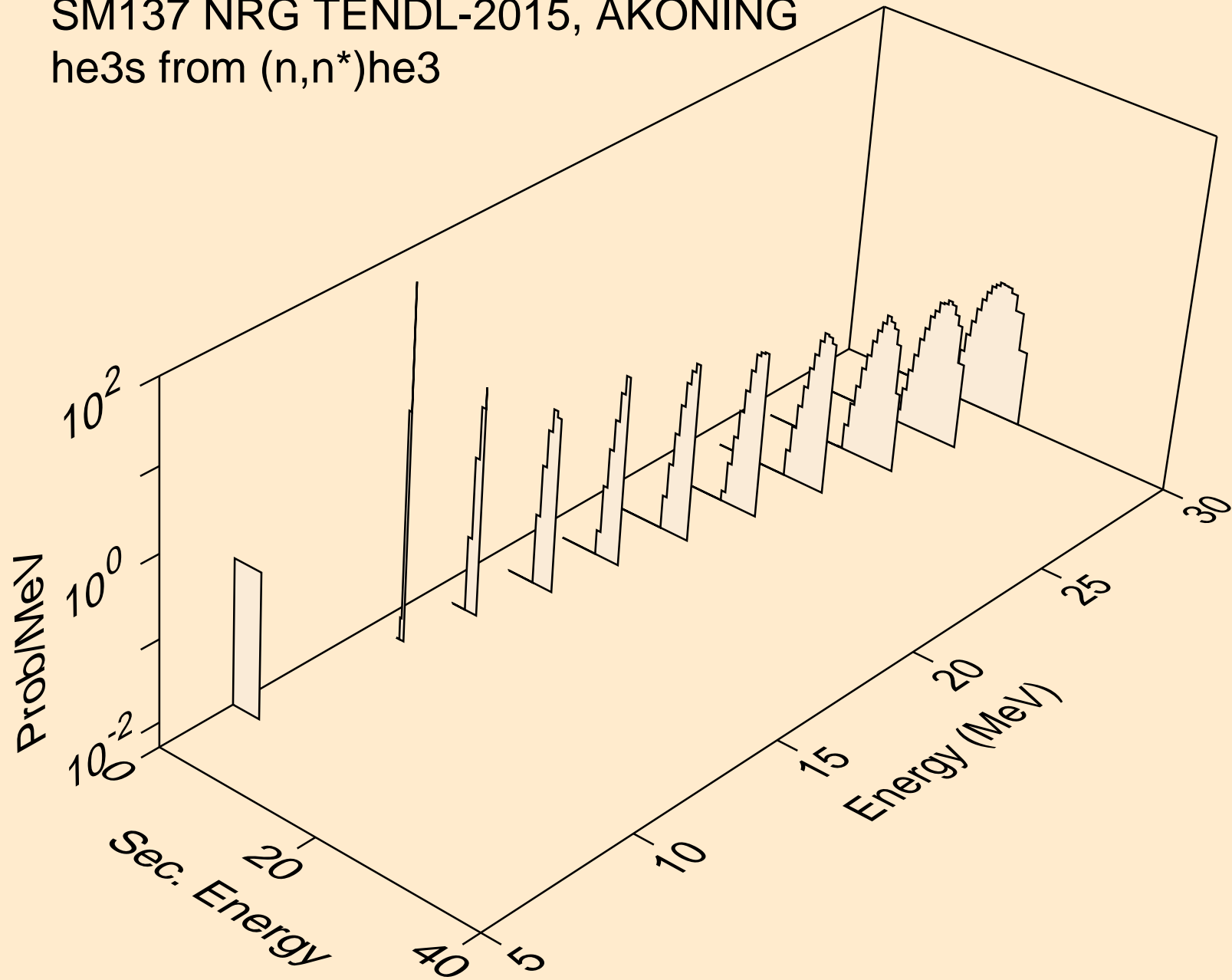


SM137 NRG TENDL-2015, AKONING  
he3s from (n,x)

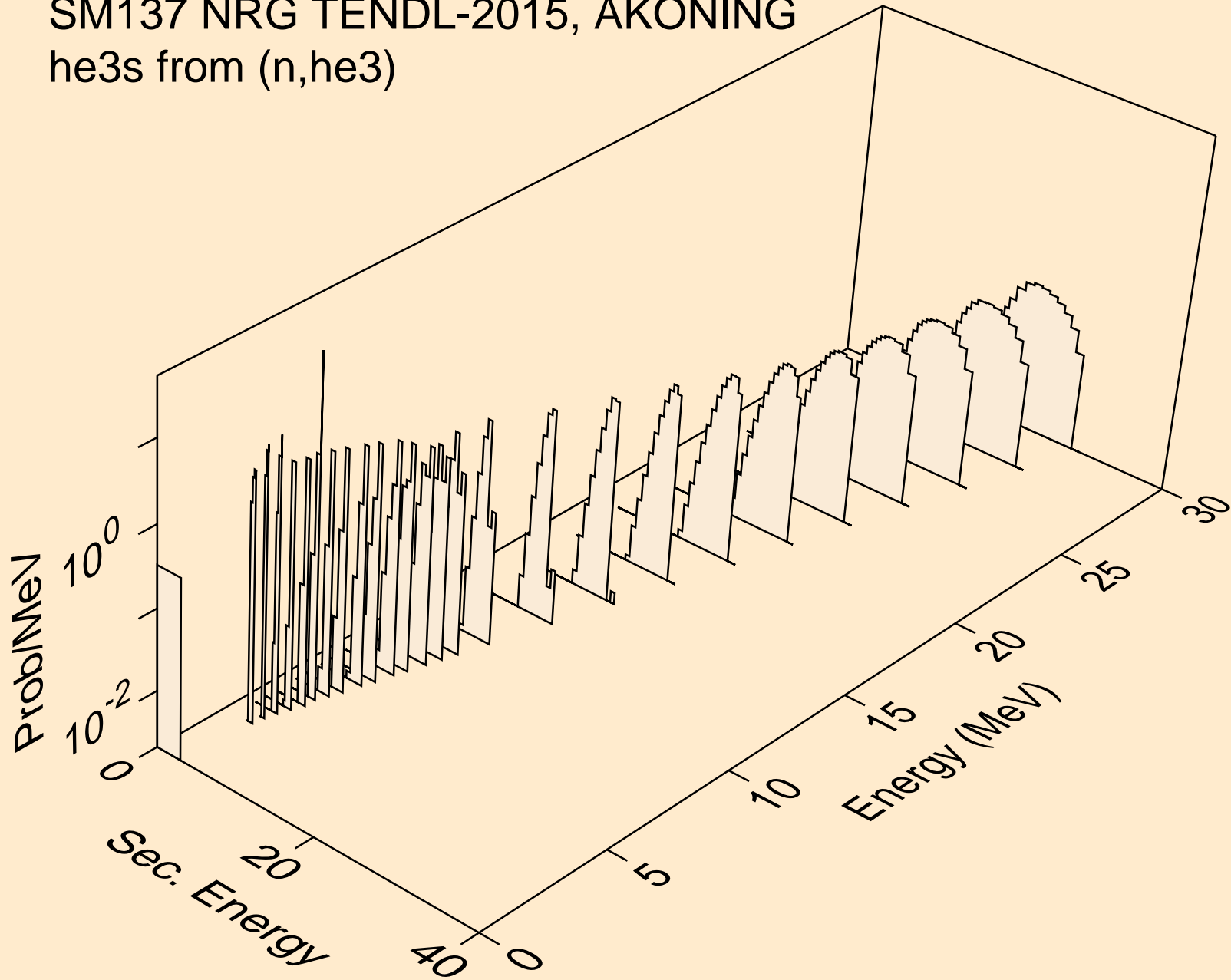




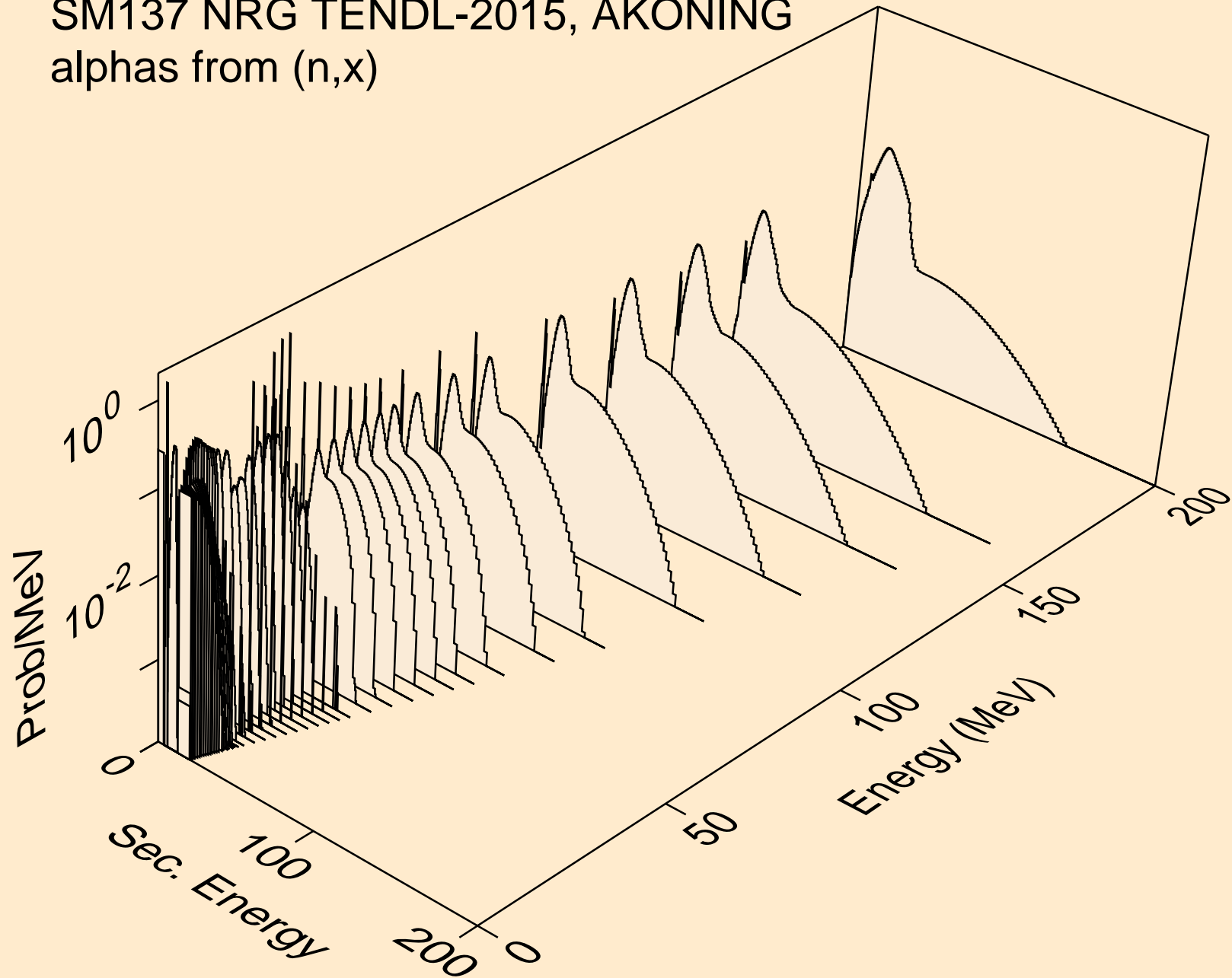
SM137 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



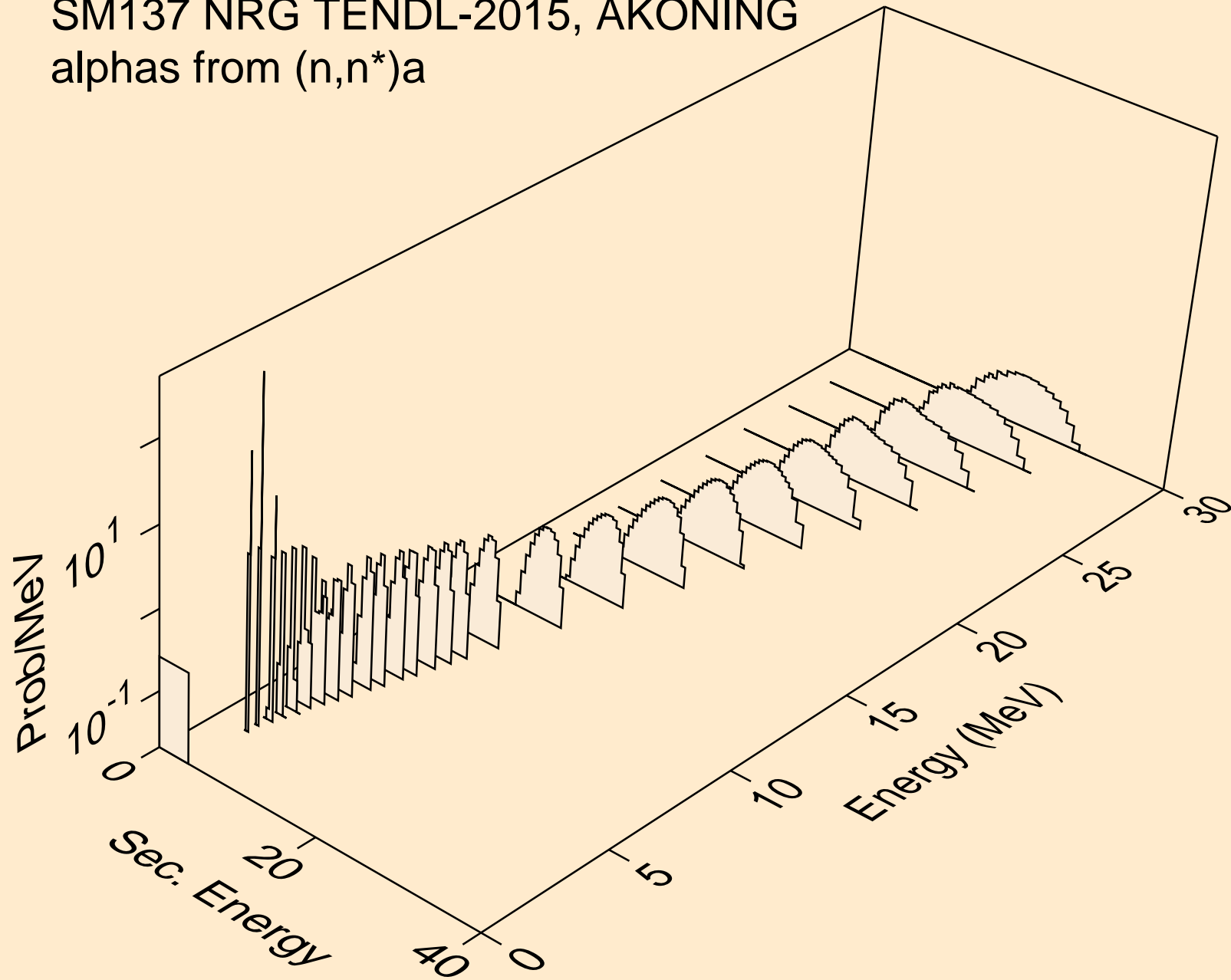
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he3s from (n,he3)



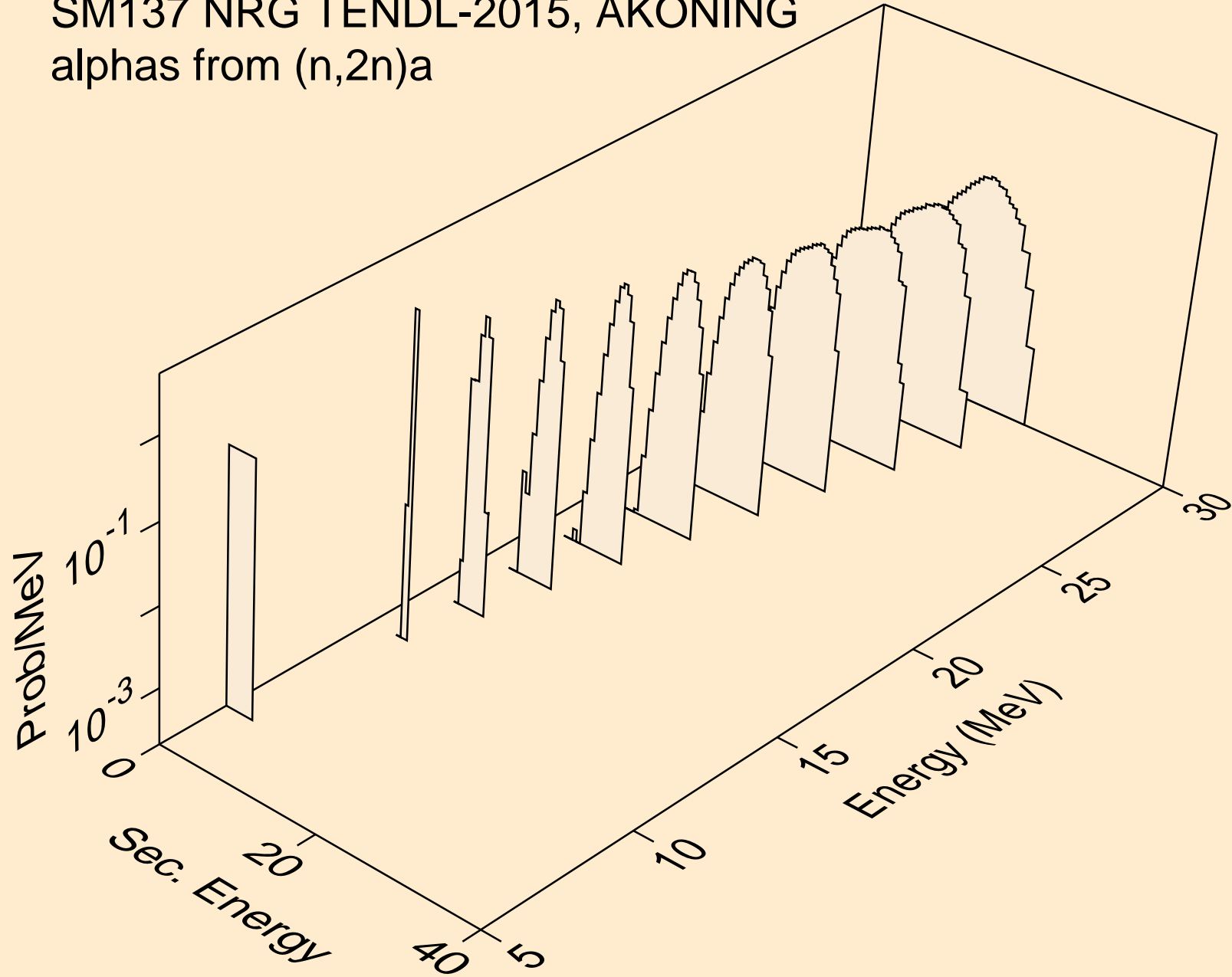
SM137 NRG TENDL-2015, AKONING  
alphas from (n,x)



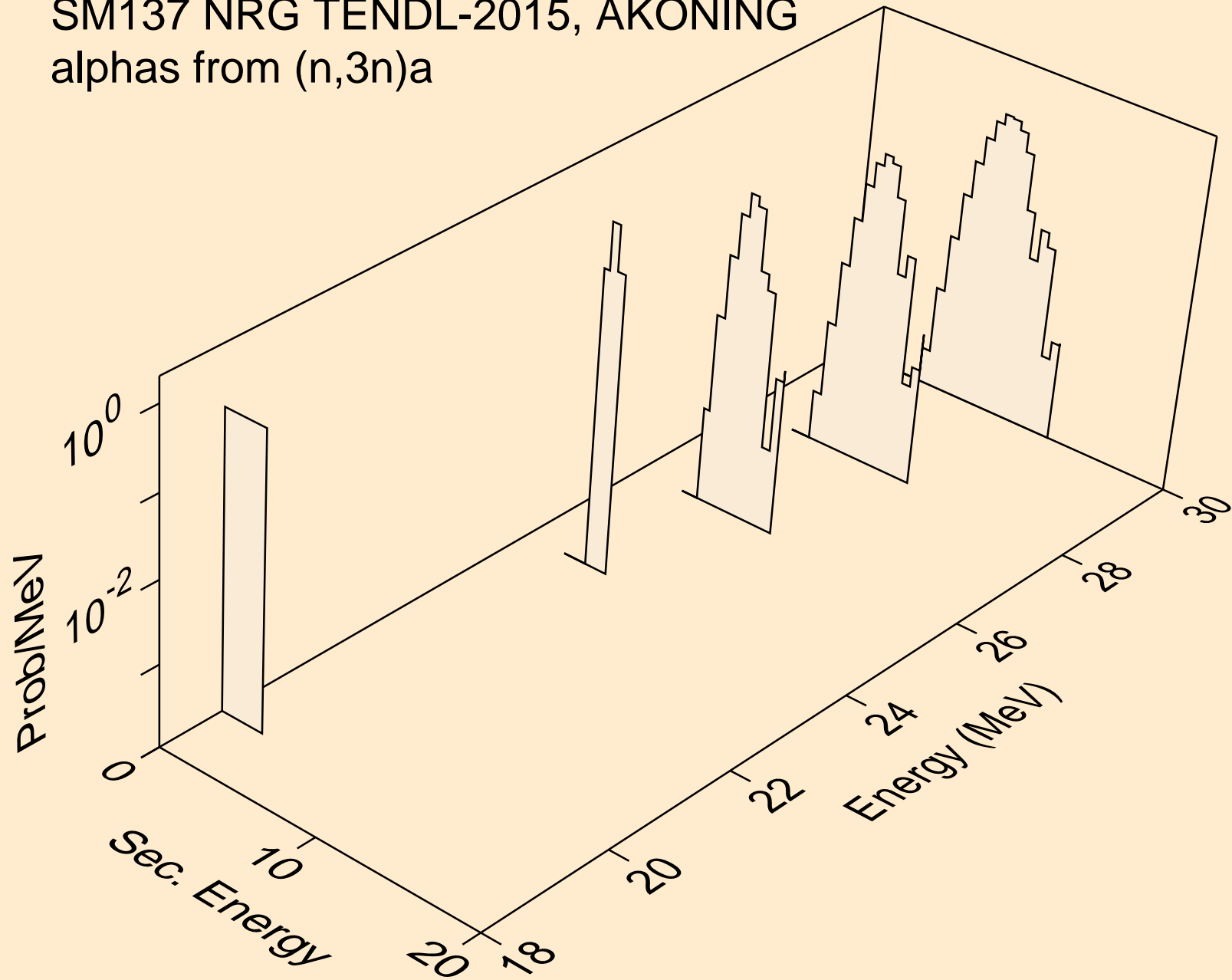
SM137 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



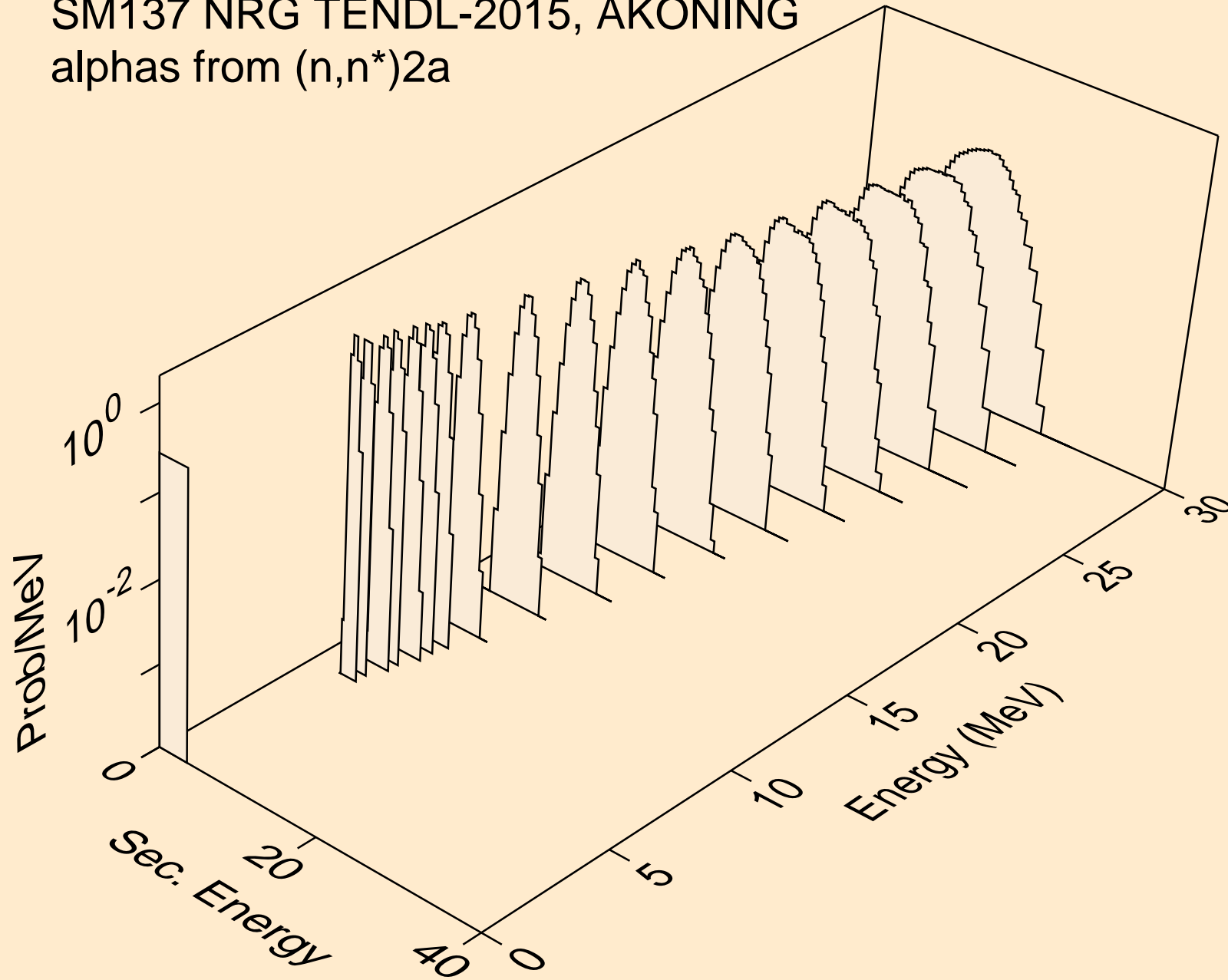
SM137 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



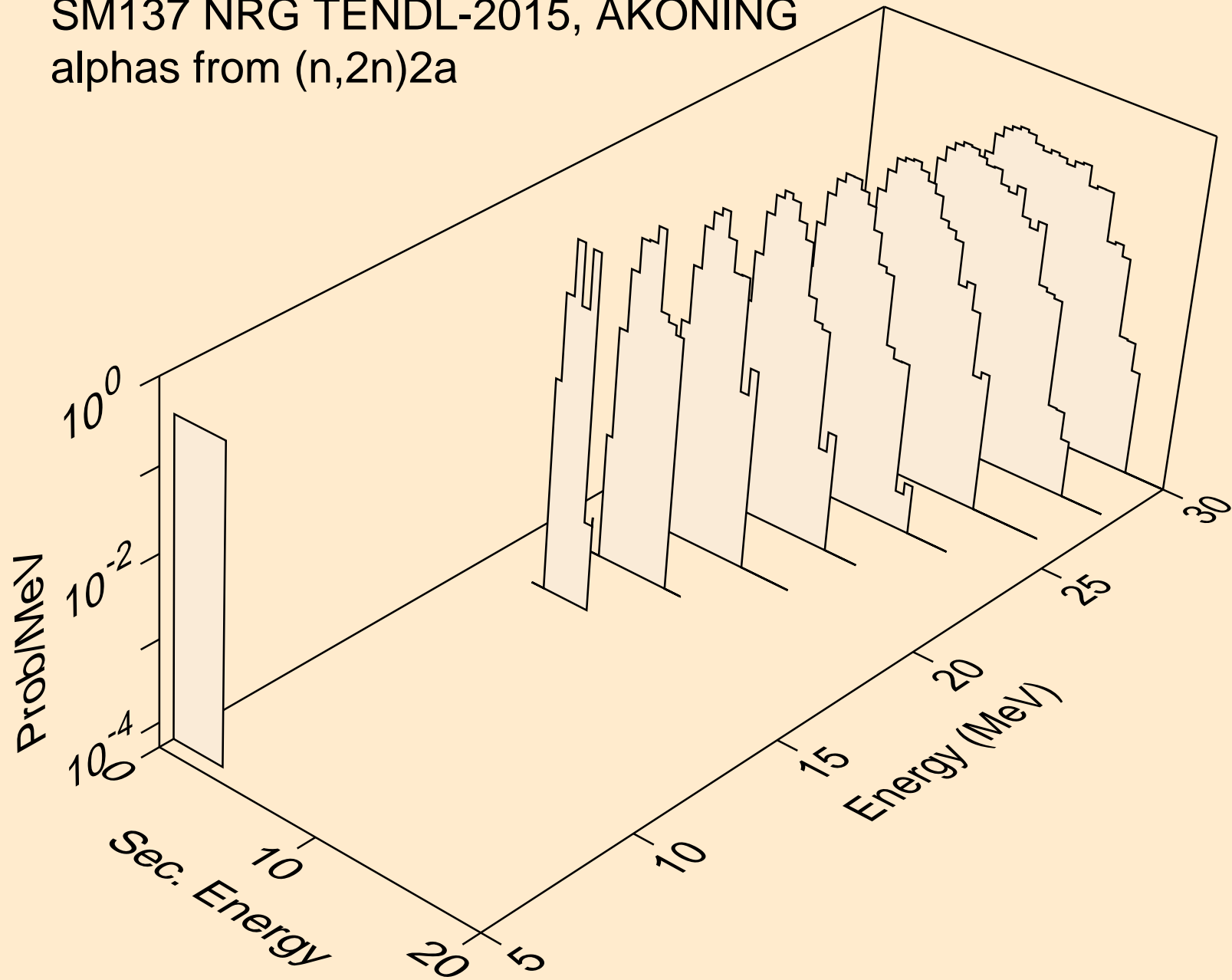
SM137 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SM137 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

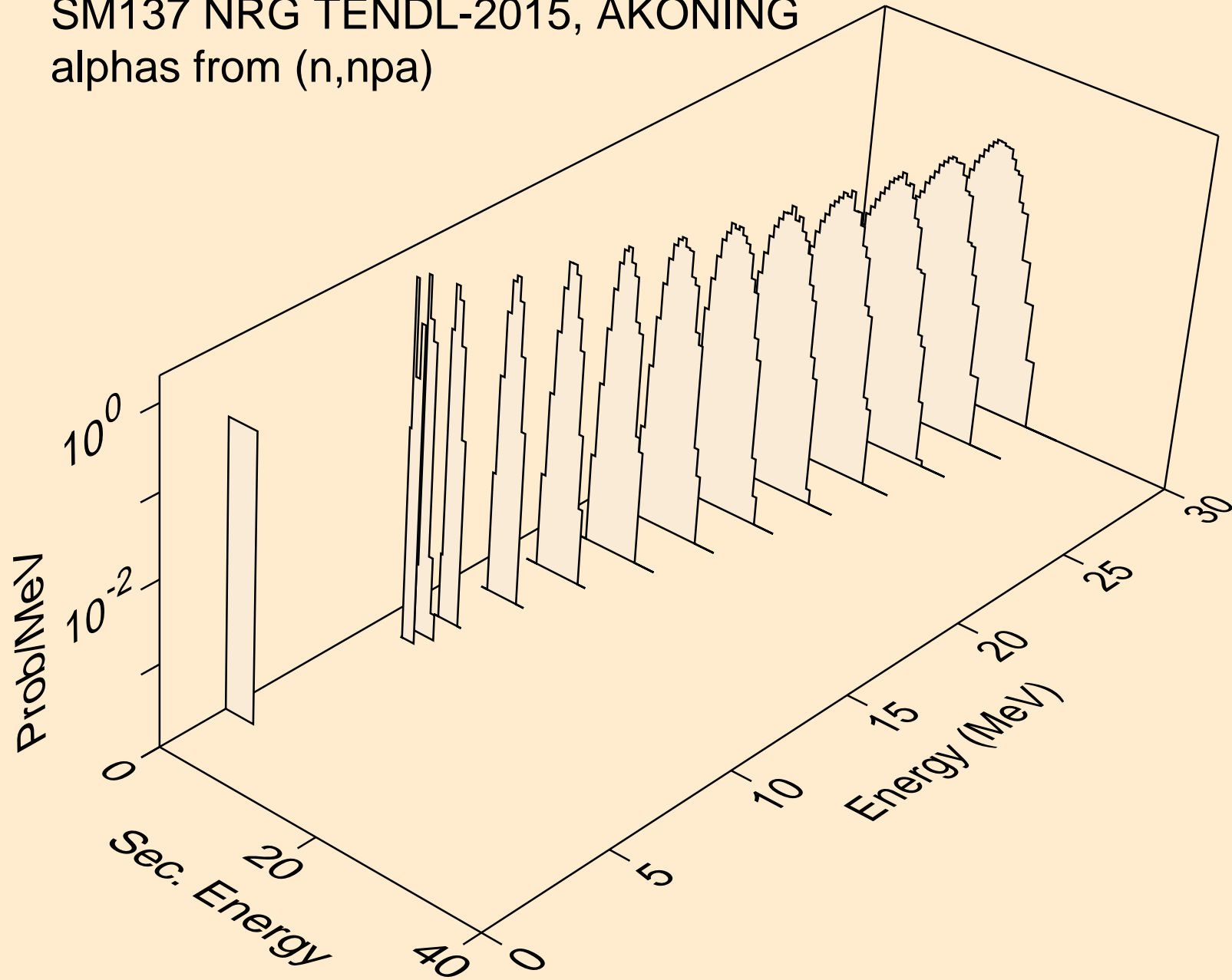


SM137 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

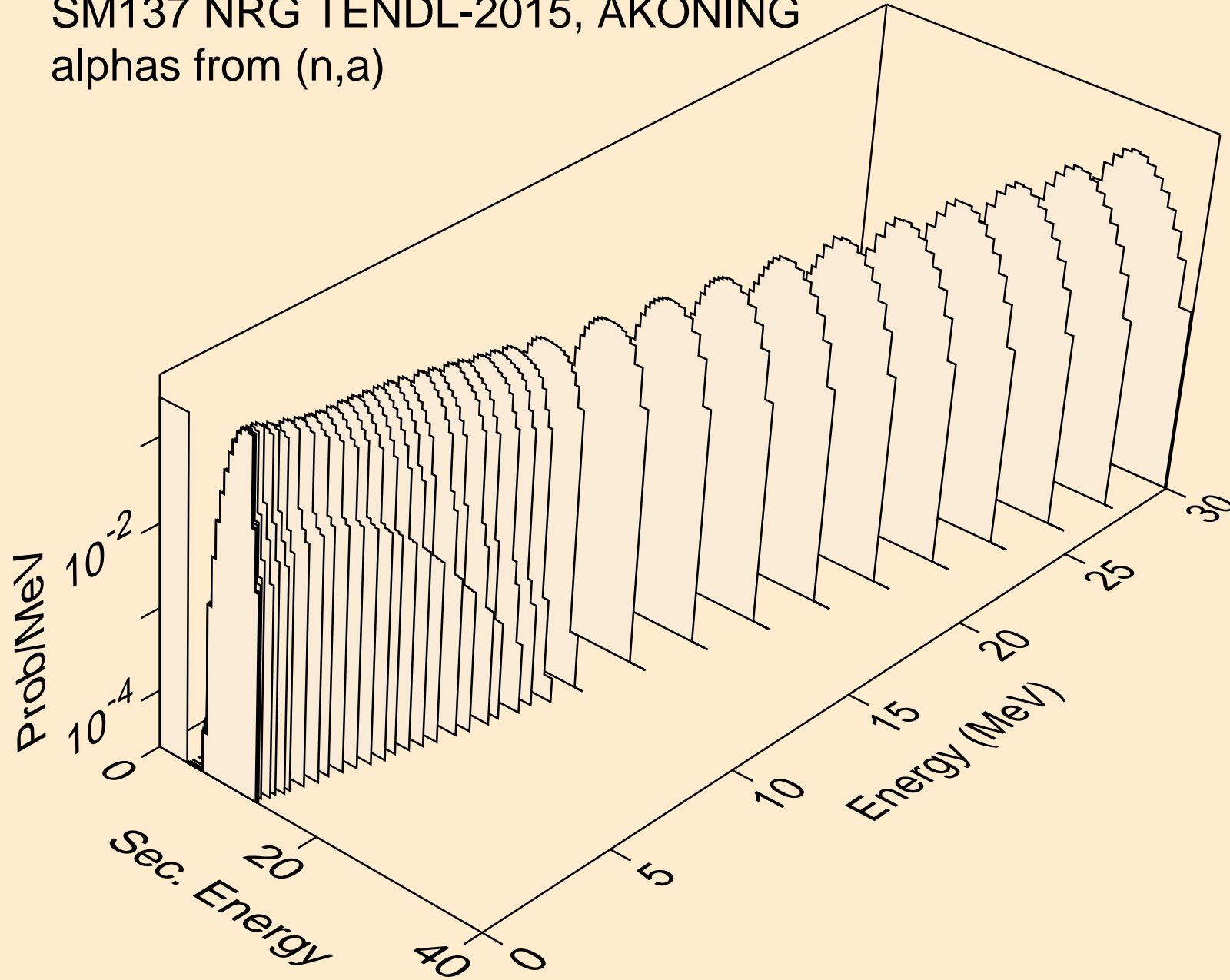




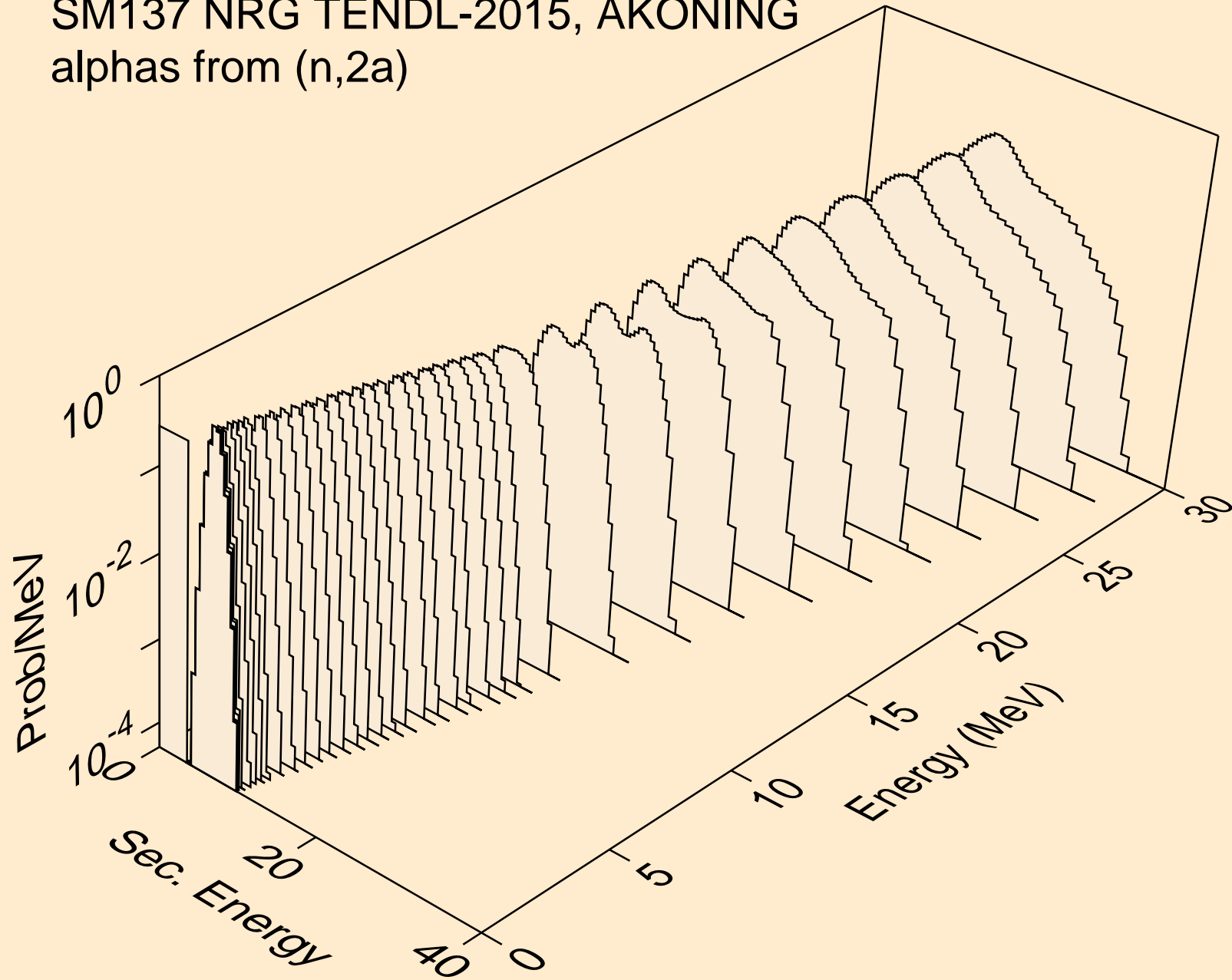
SM137 NRG TENDL-2015, AKONING  
alphas from (n,npa)



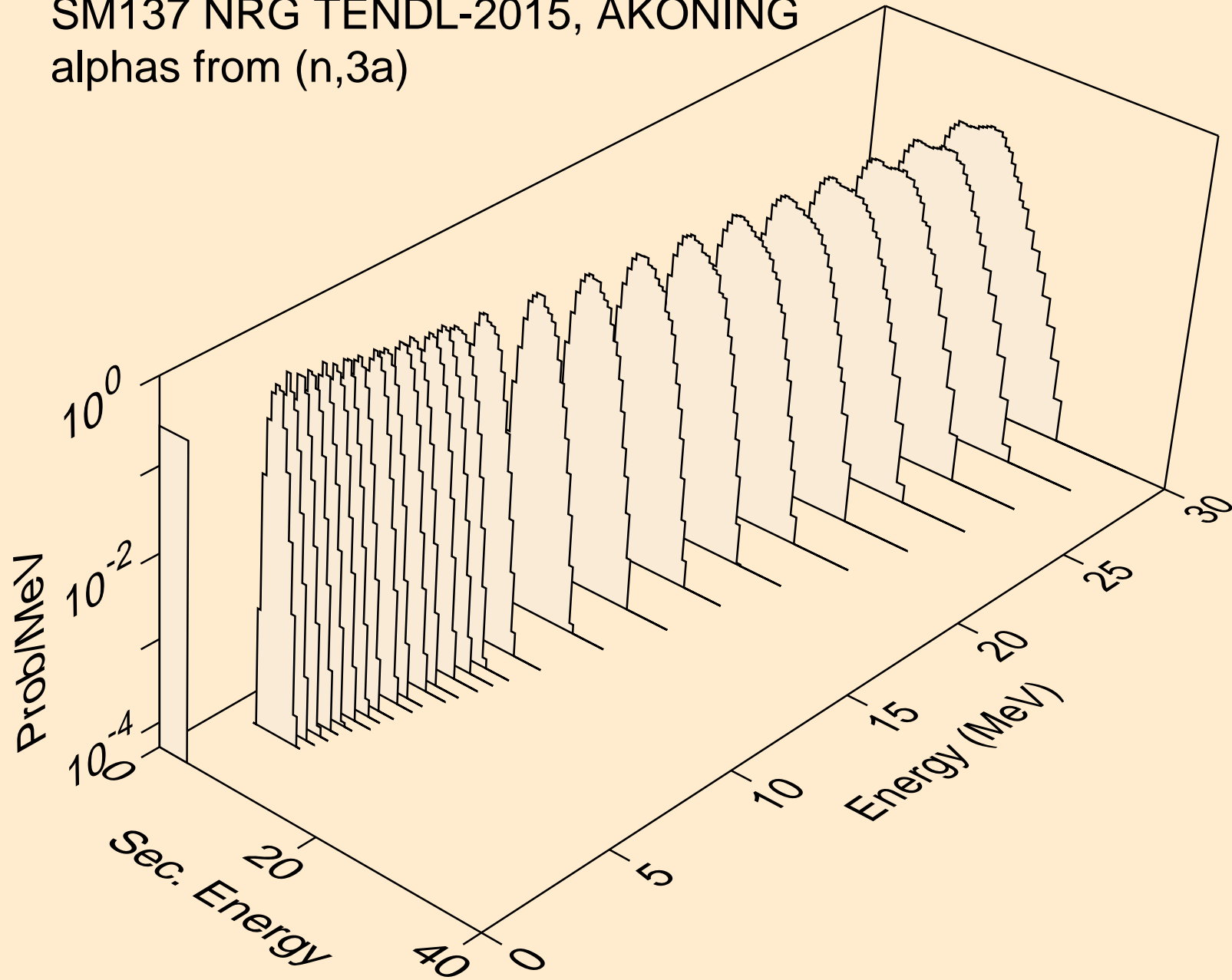
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alphas from (n,a)



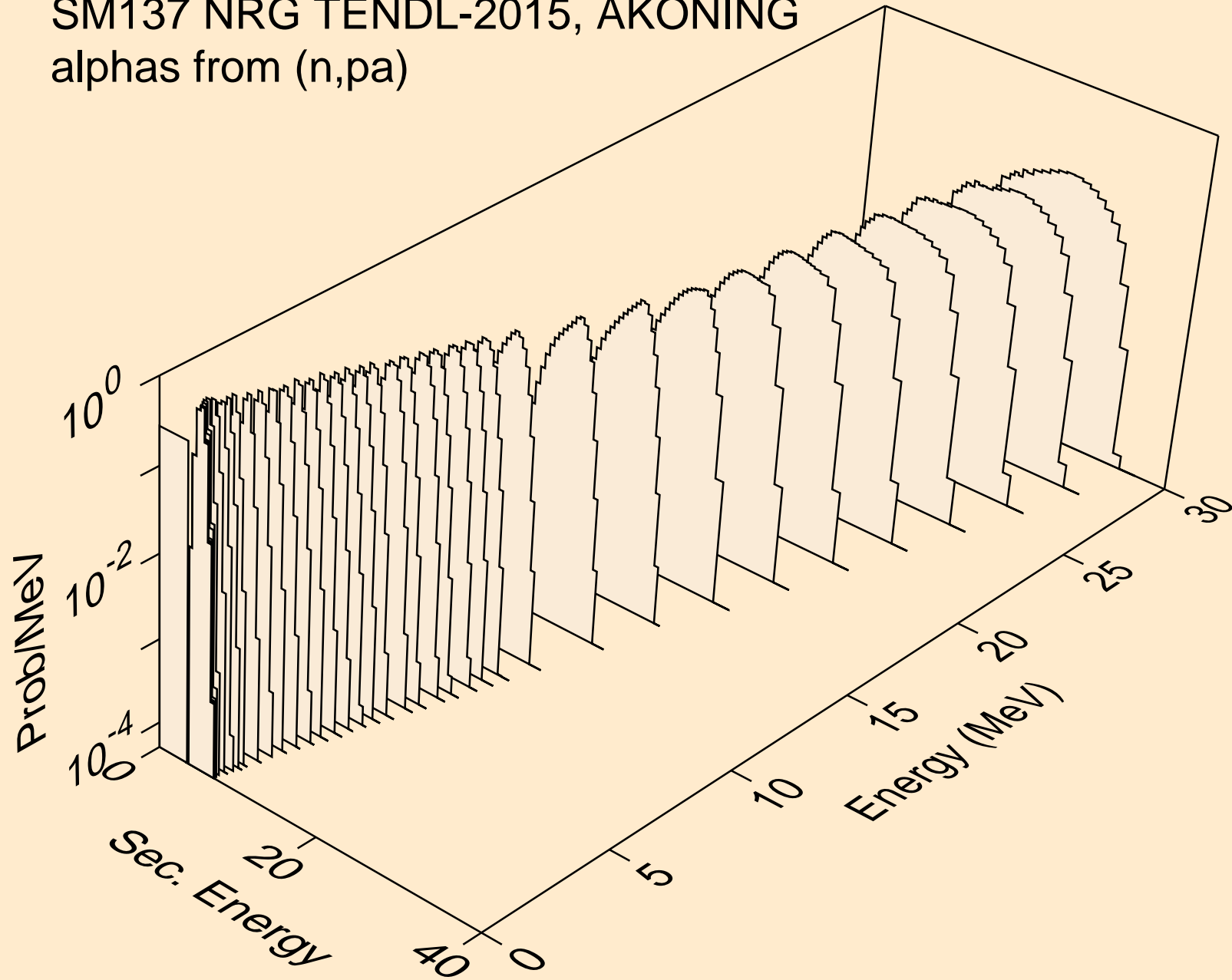
SM137 NRG TENDL-2015, AKONING  
alphas from (n,2a)



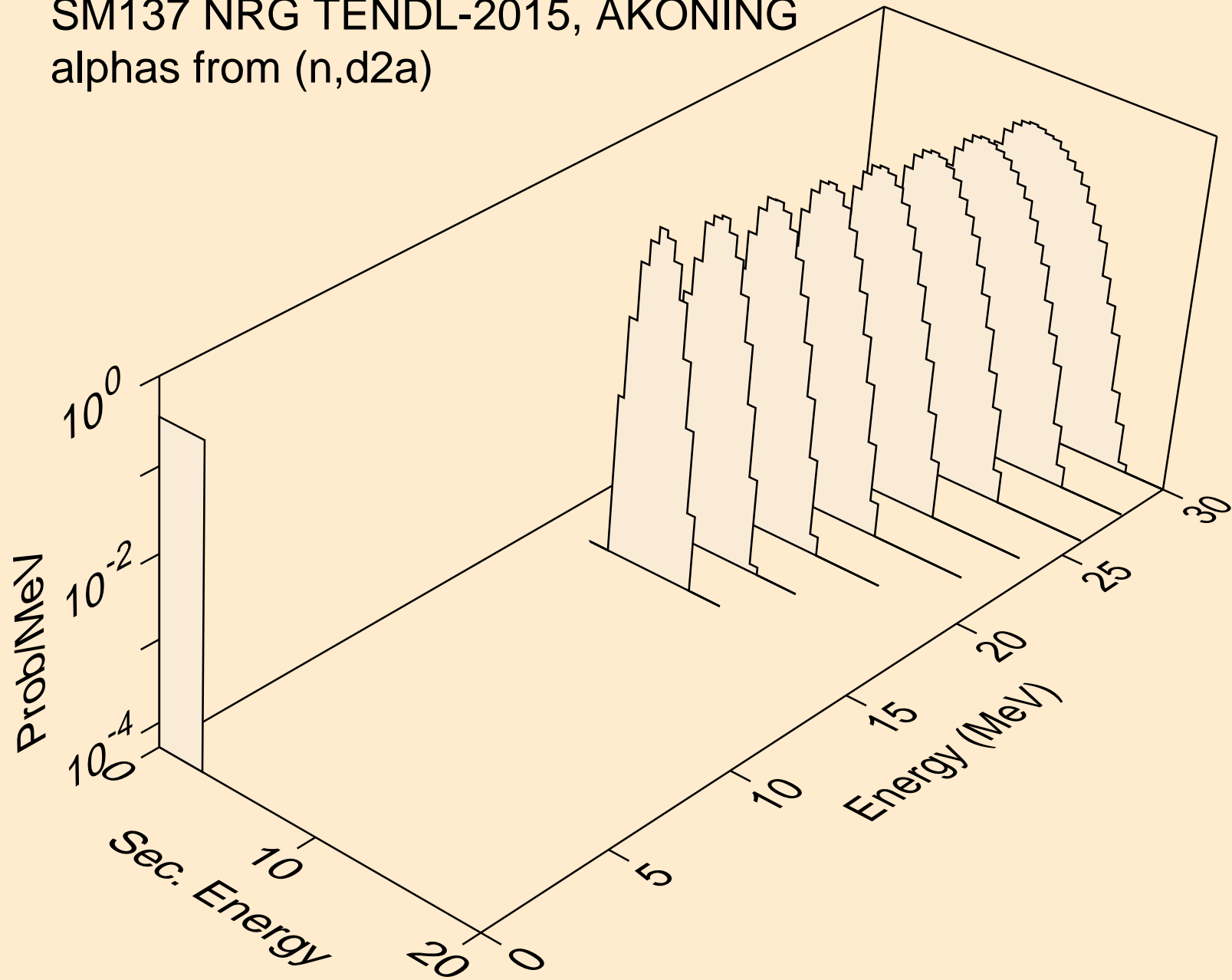
SM137 NRG TENDL-2015, AKONING  
alphas from (n,3a)



SM137 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SM137 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



SM137 NRG TENDL-2015, AKONING  
alphas from (n,da)

