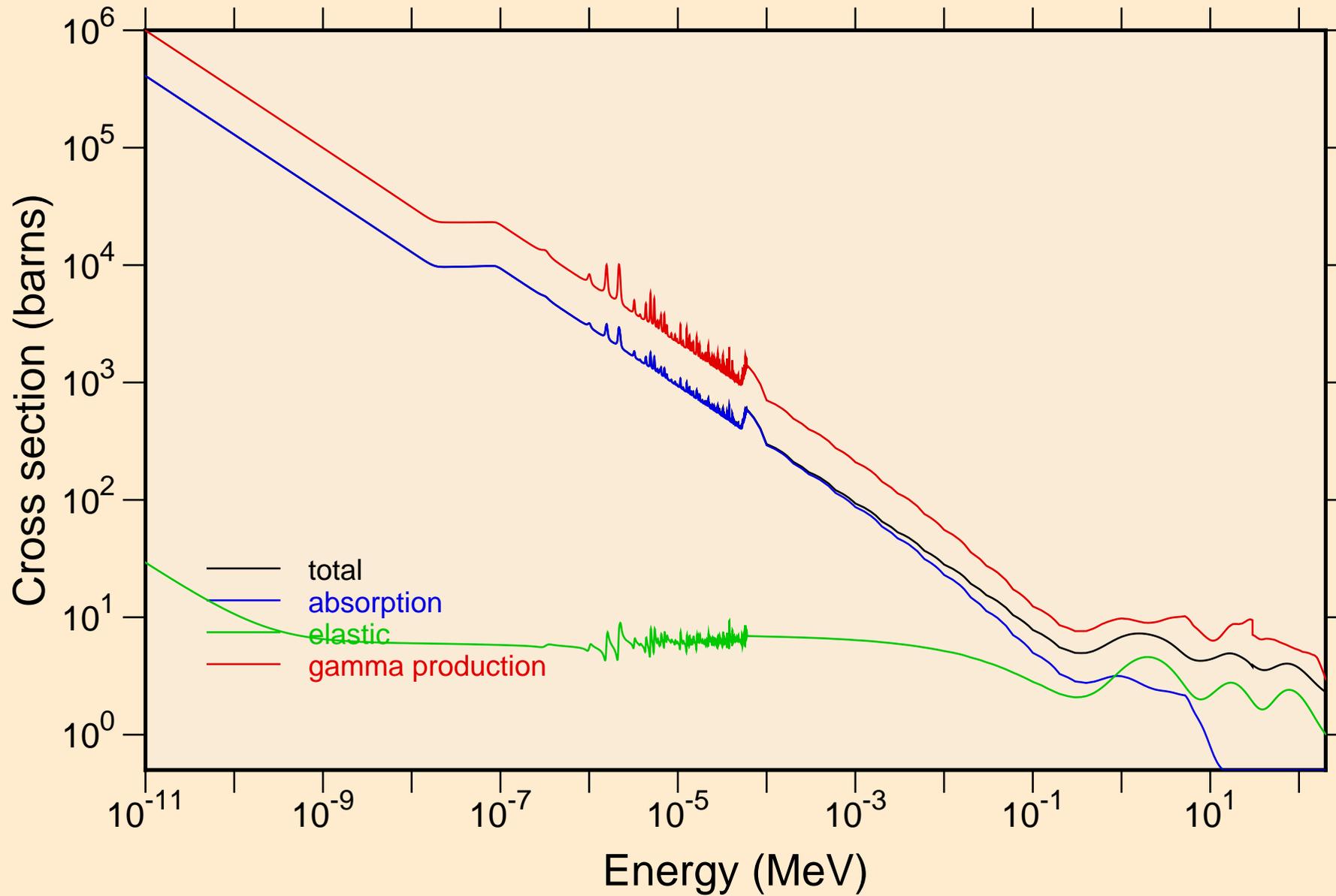
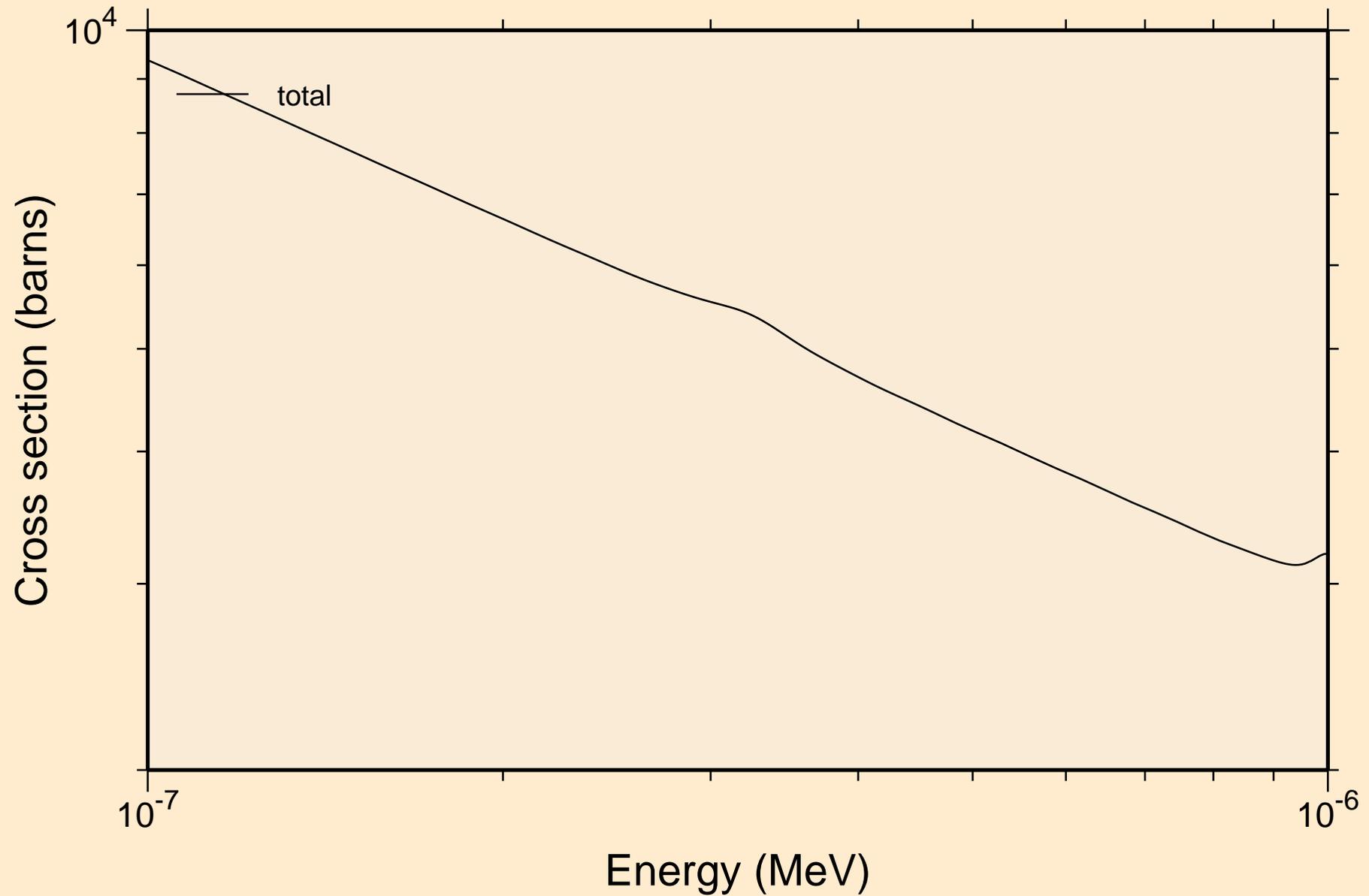


# TB144 NRG TENDL-2015, AKONING

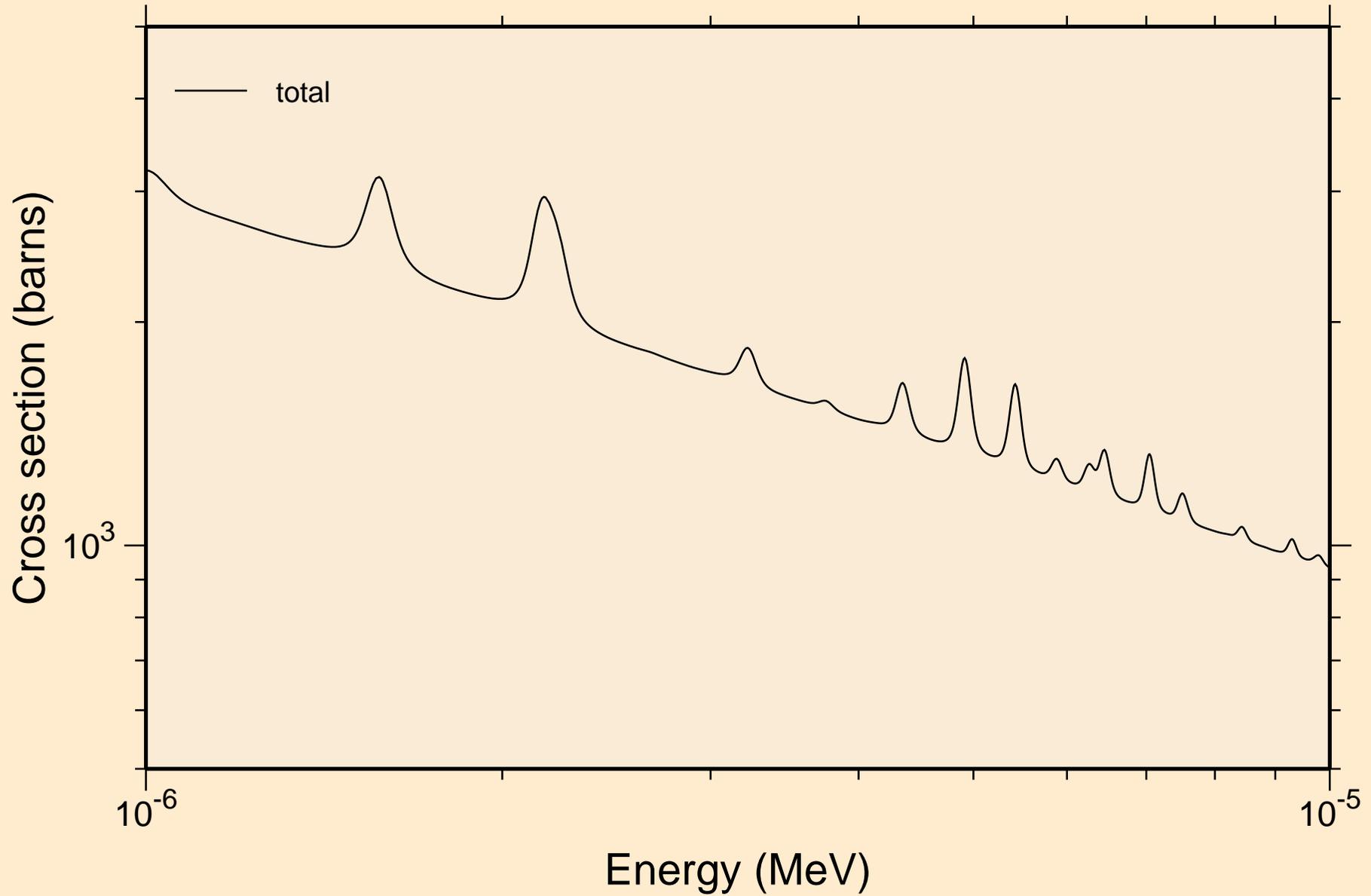
## Principal cross sections



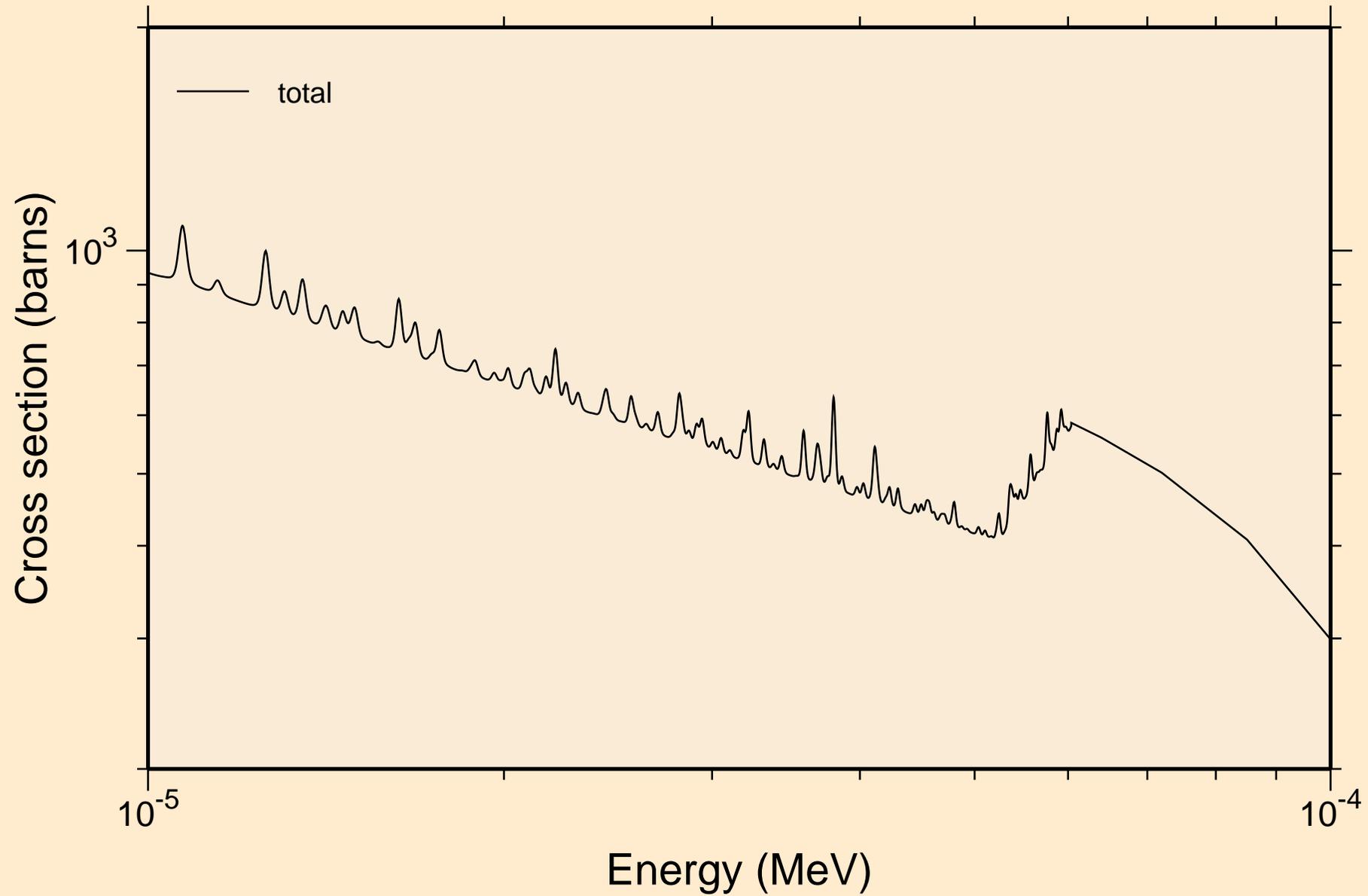
TB144 NRG TENDL-2015, AKONING  
resonance total cross section



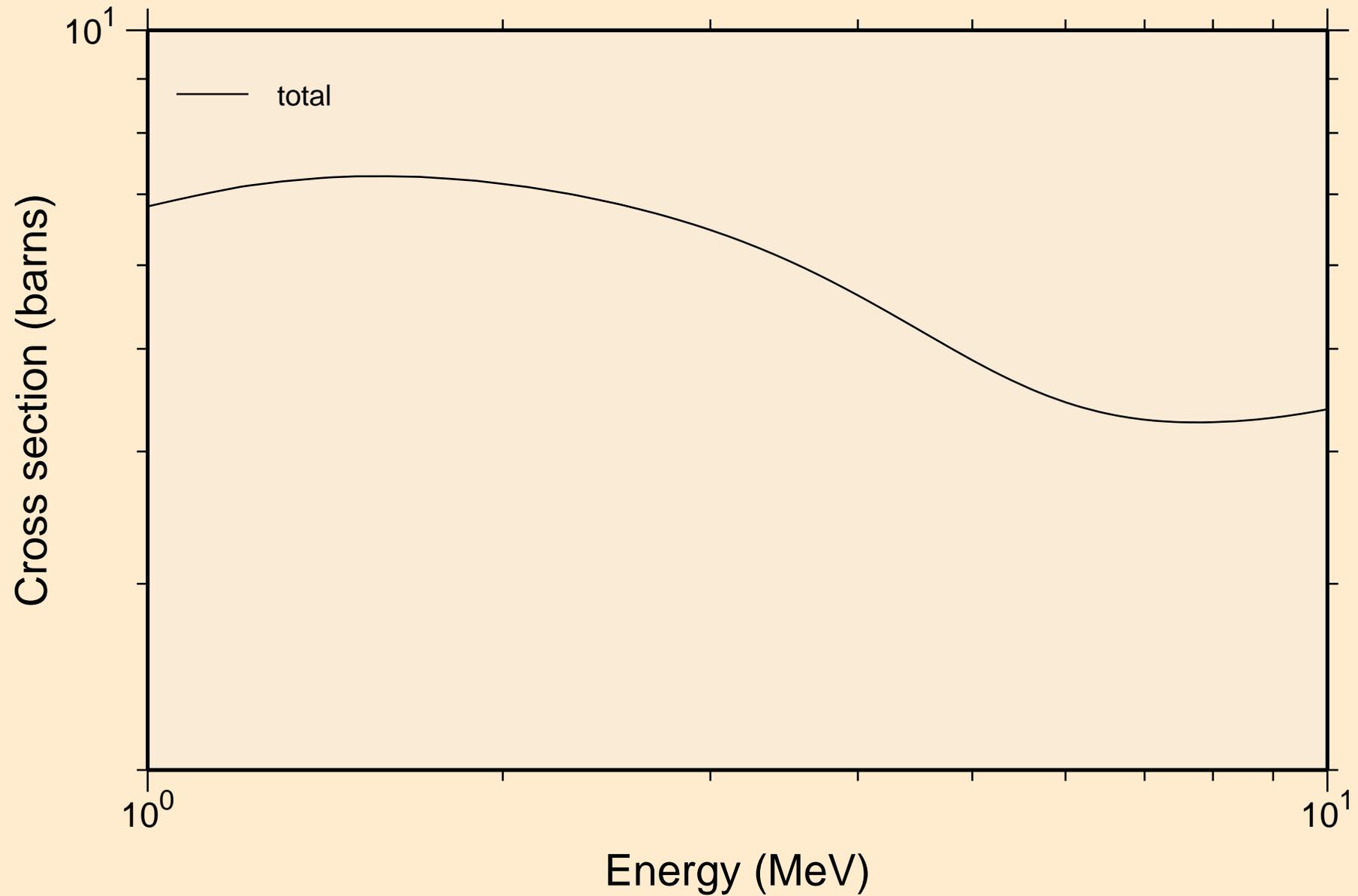
TB144 NRG TENDL-2015, AKONING  
resonance total cross section



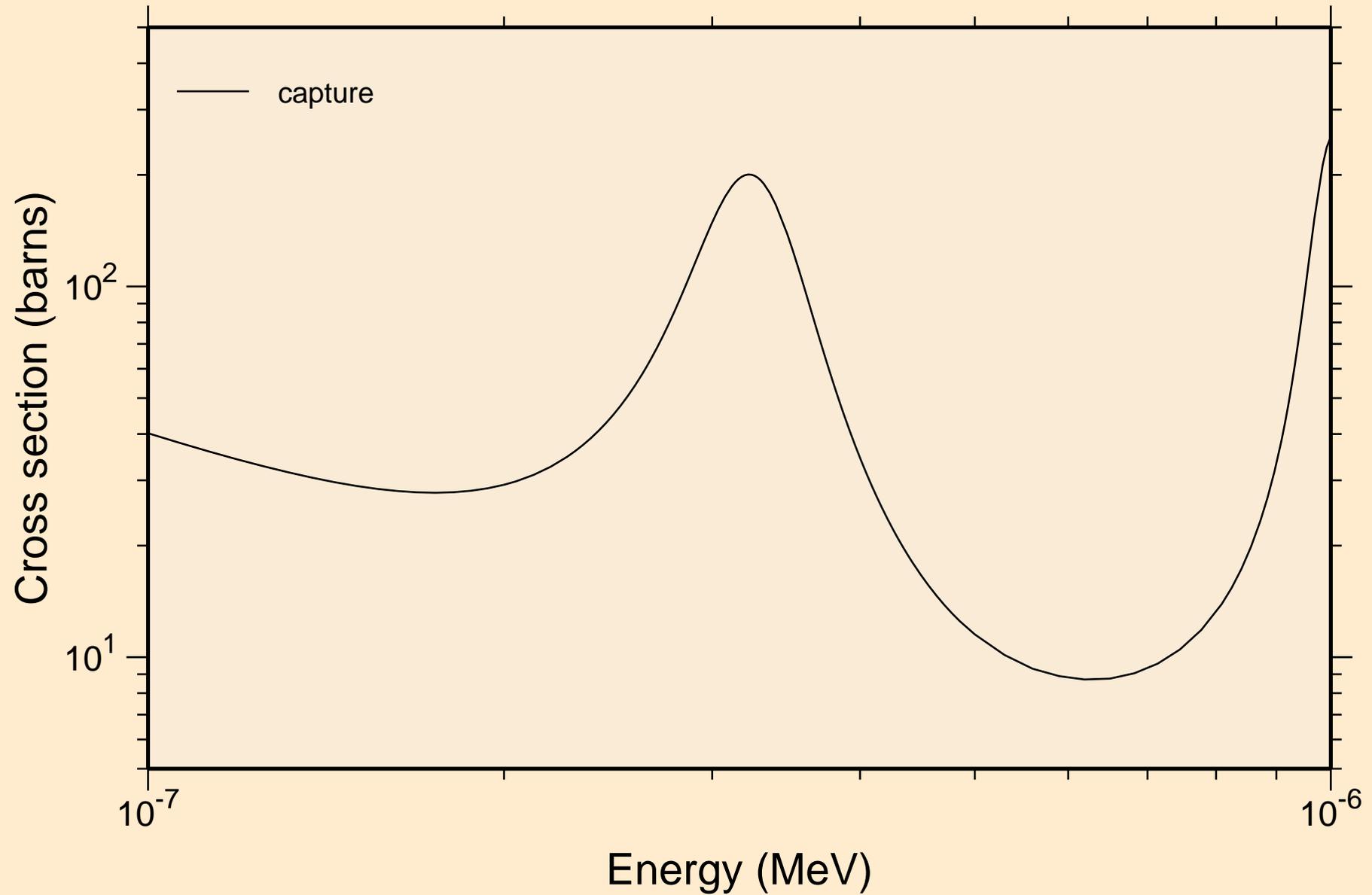
TB144 NRG TENDL-2015, AKONING  
resonance total cross section



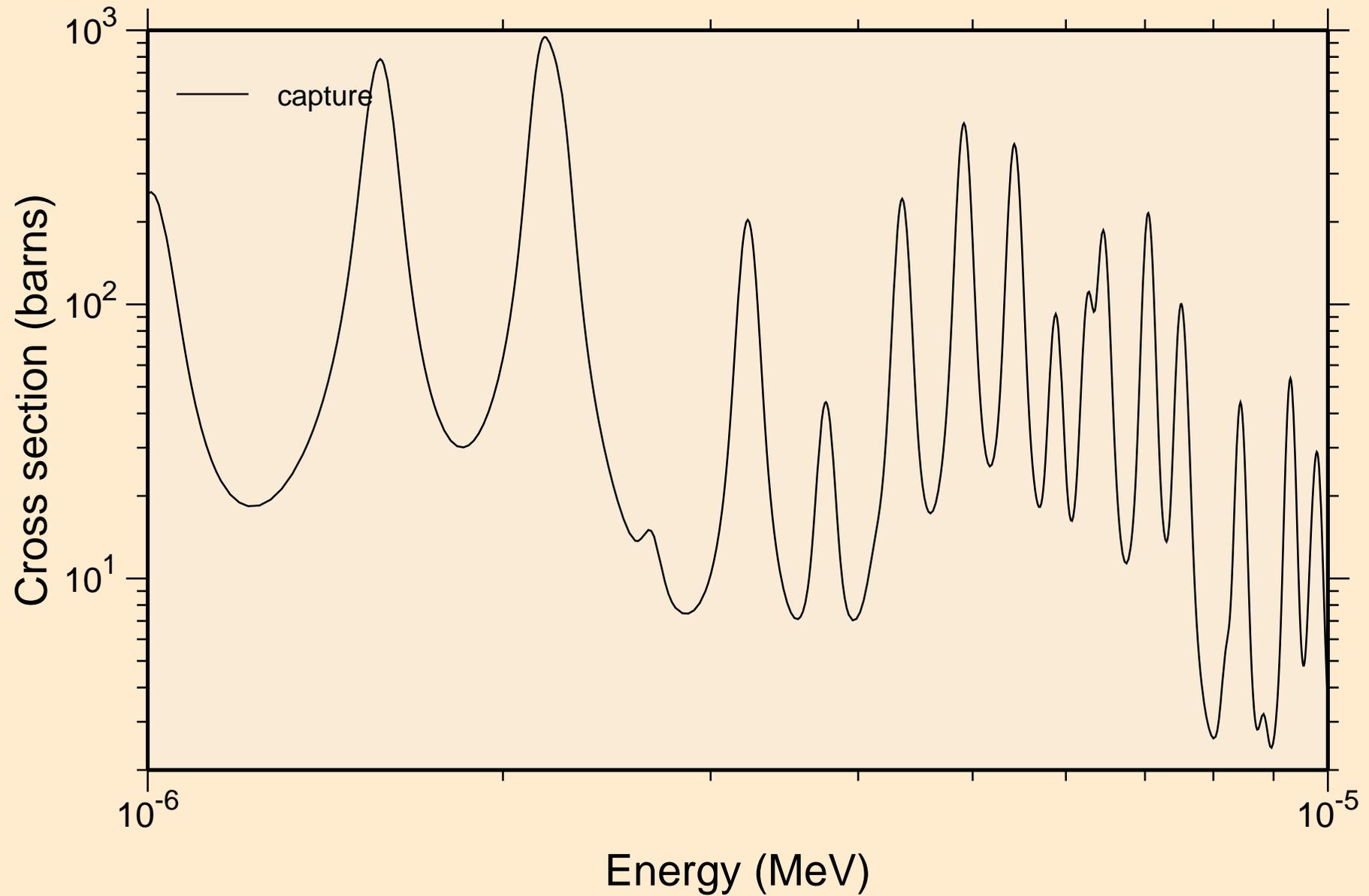
TB144 NRG TENDL-2015, AKONING  
resonance total cross section



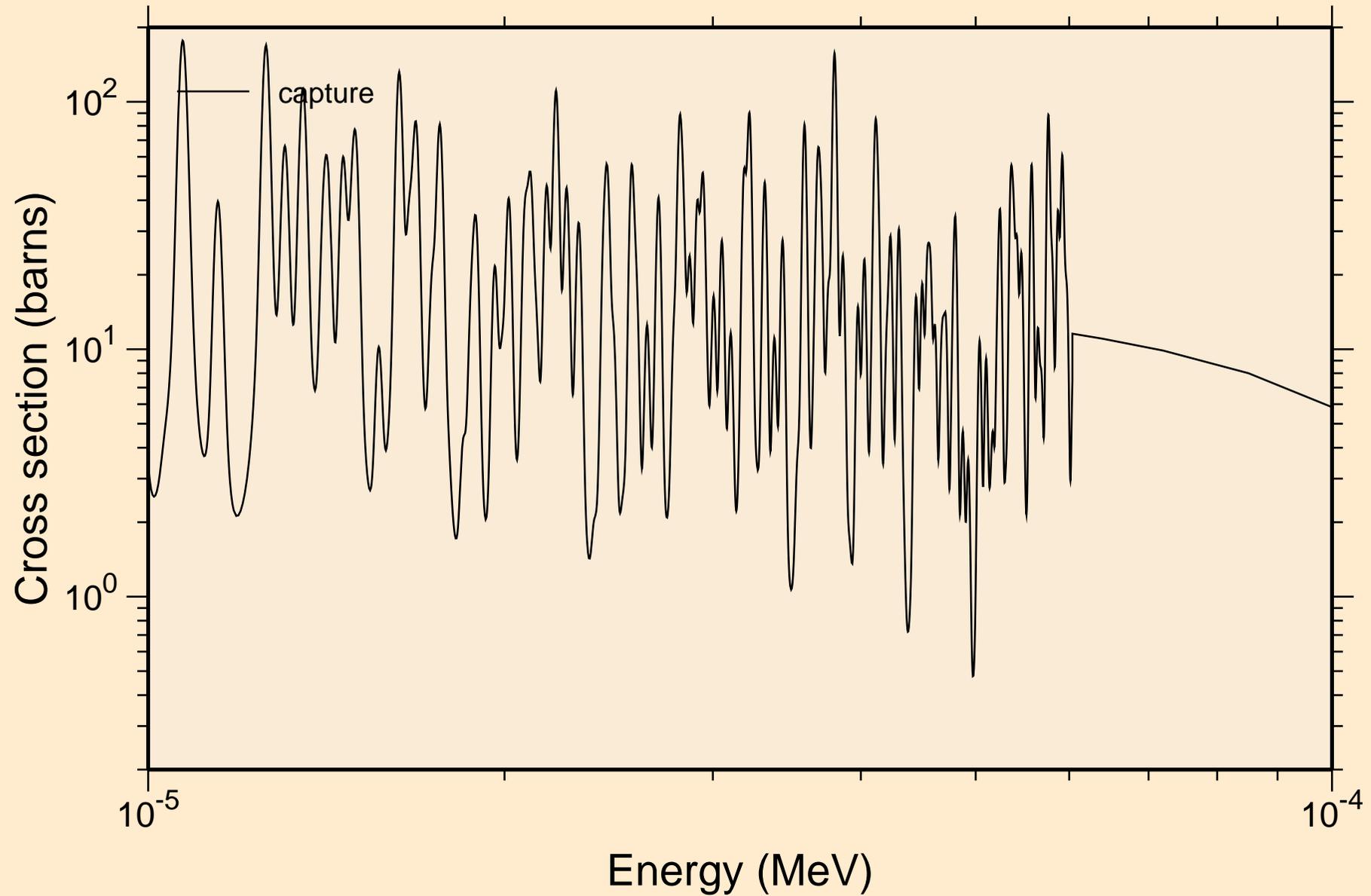
TB144 NRG TENDL-2015, AKONING  
resonance absorption cross sections



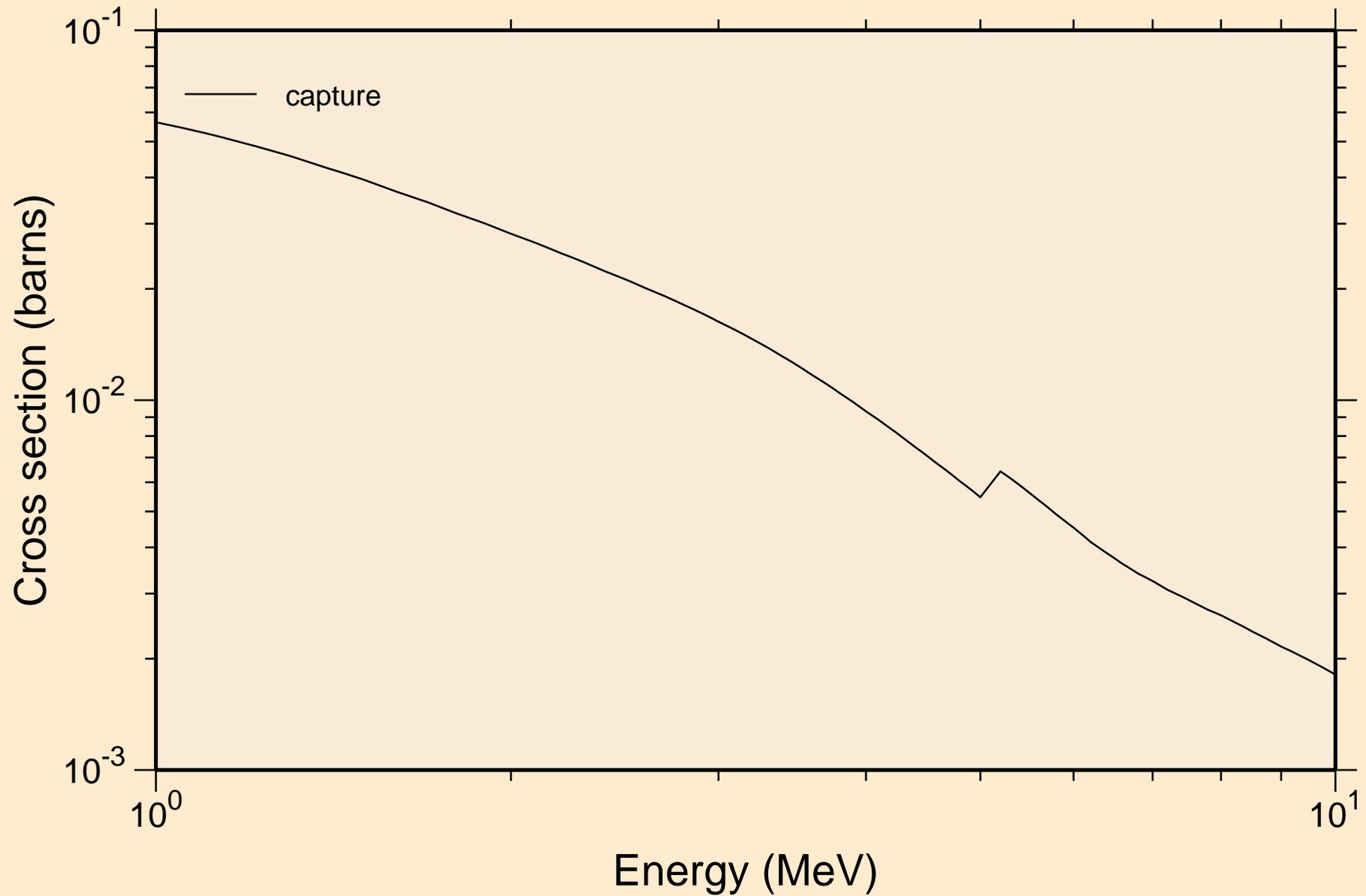
TB144 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TB144 NRG TENDL-2015, AKONING  
resonance absorption cross sections

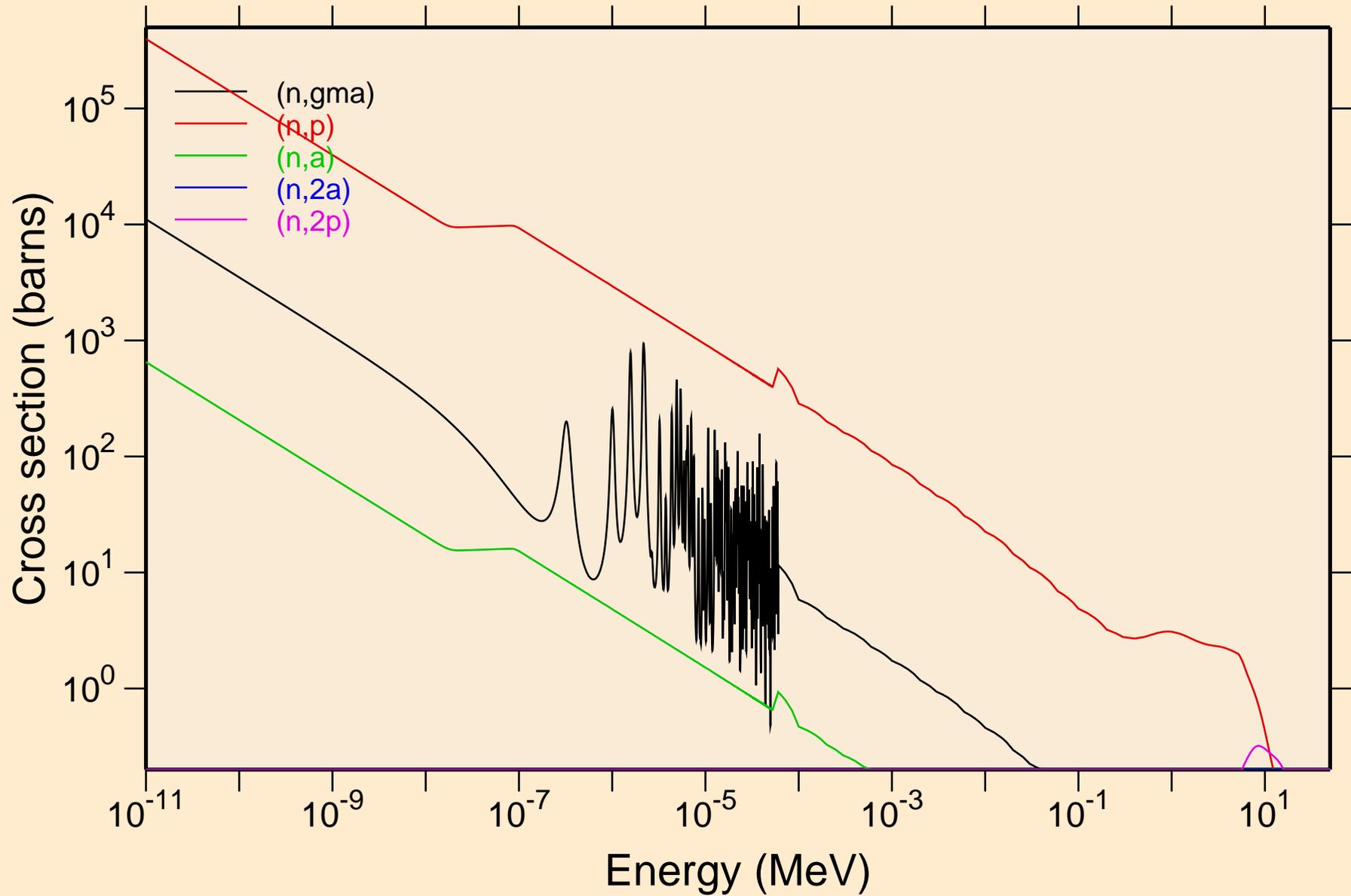


TB144 NRG TENDL-2015, AKONING  
resonance absorption cross sections

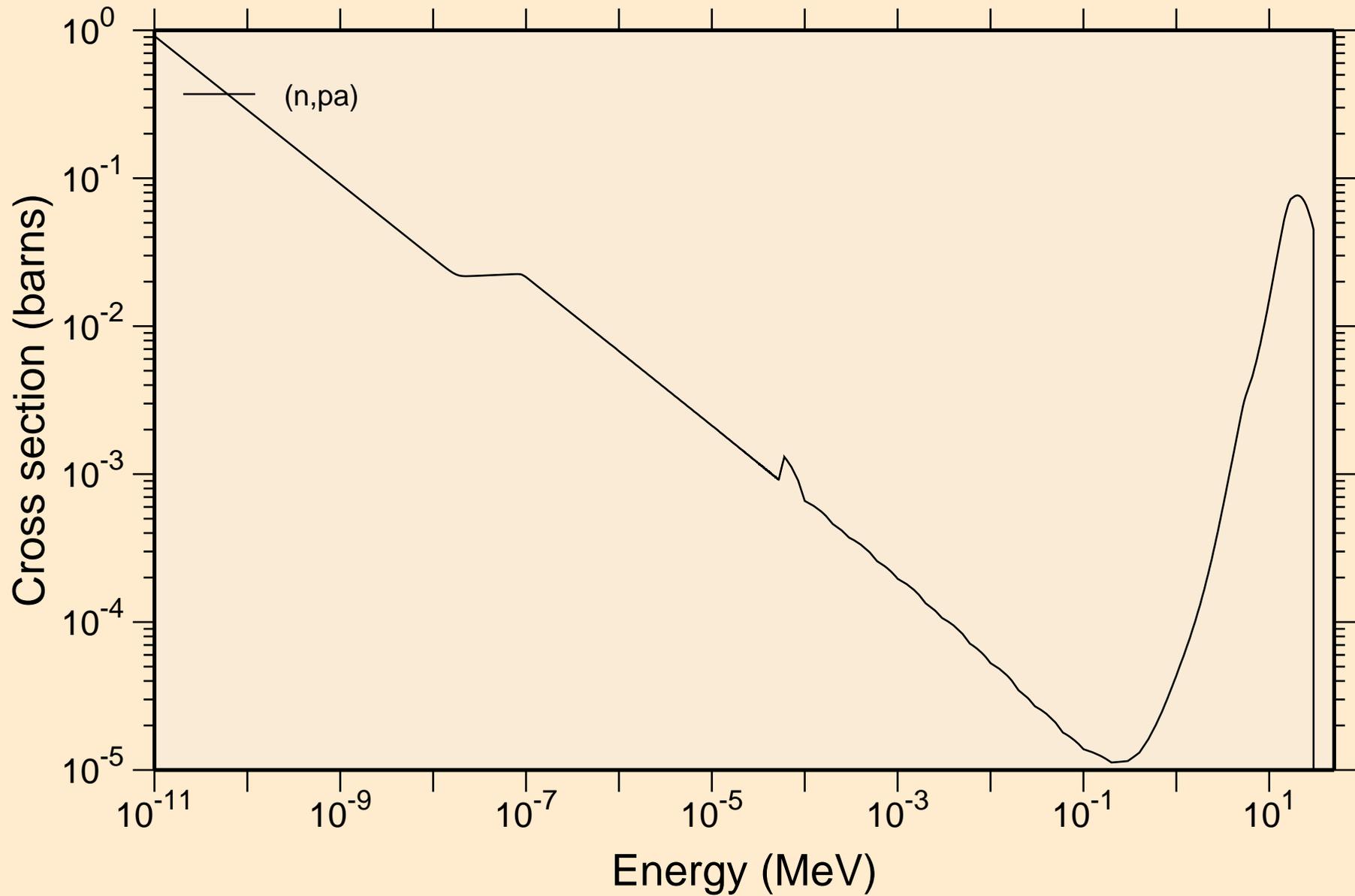


# TB144 NRG TENDL-2015, AKONING

## Non-threshold reactions

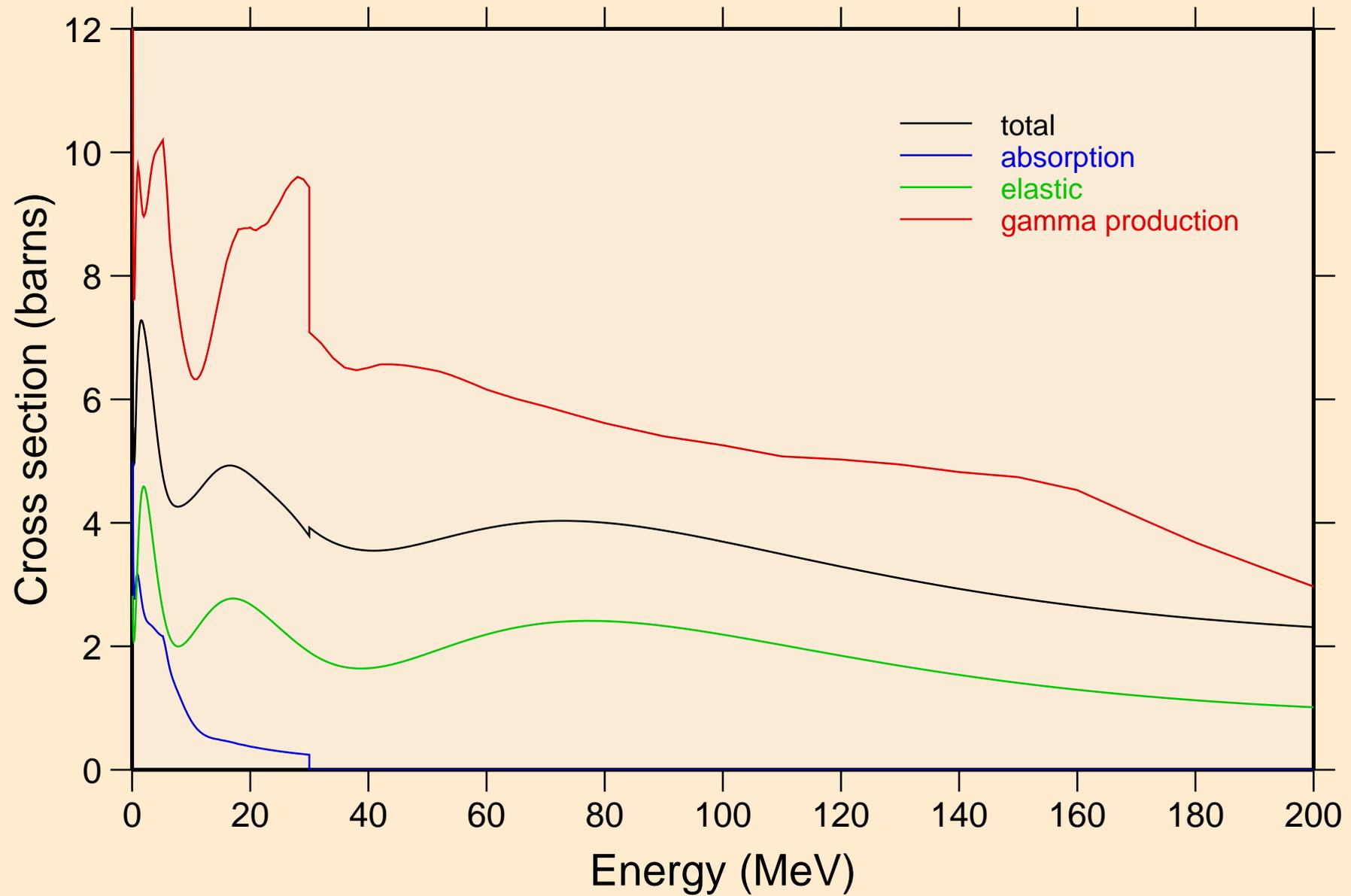


TB144 NRG TENDL-2015, AKONING  
Non-threshold reactions



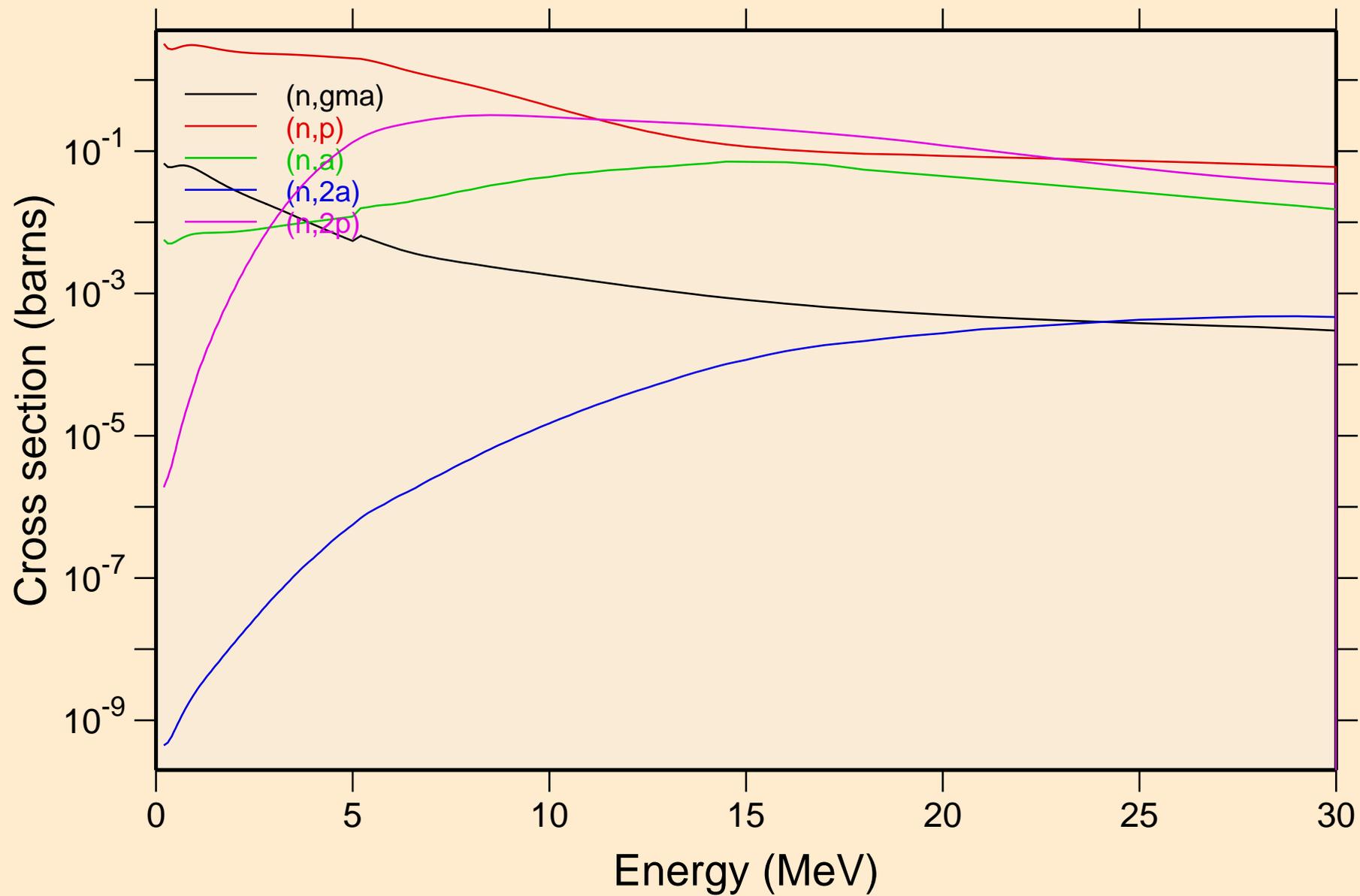
# TB144 NRG TENDL-2015, AKONING

## Principal cross sections

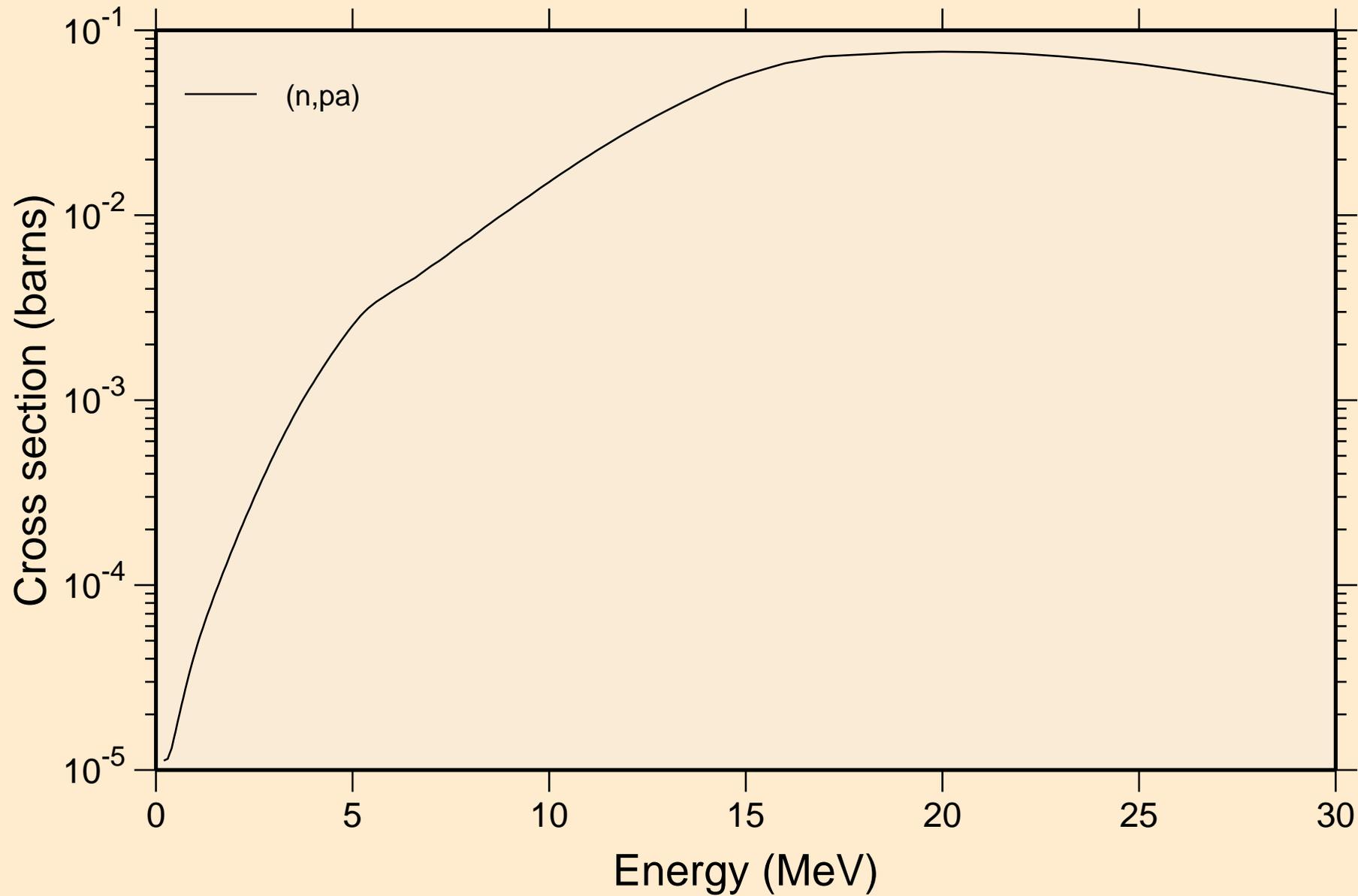


# TB144 NRG TENDL-2015, AKONING

## Non-threshold reactions

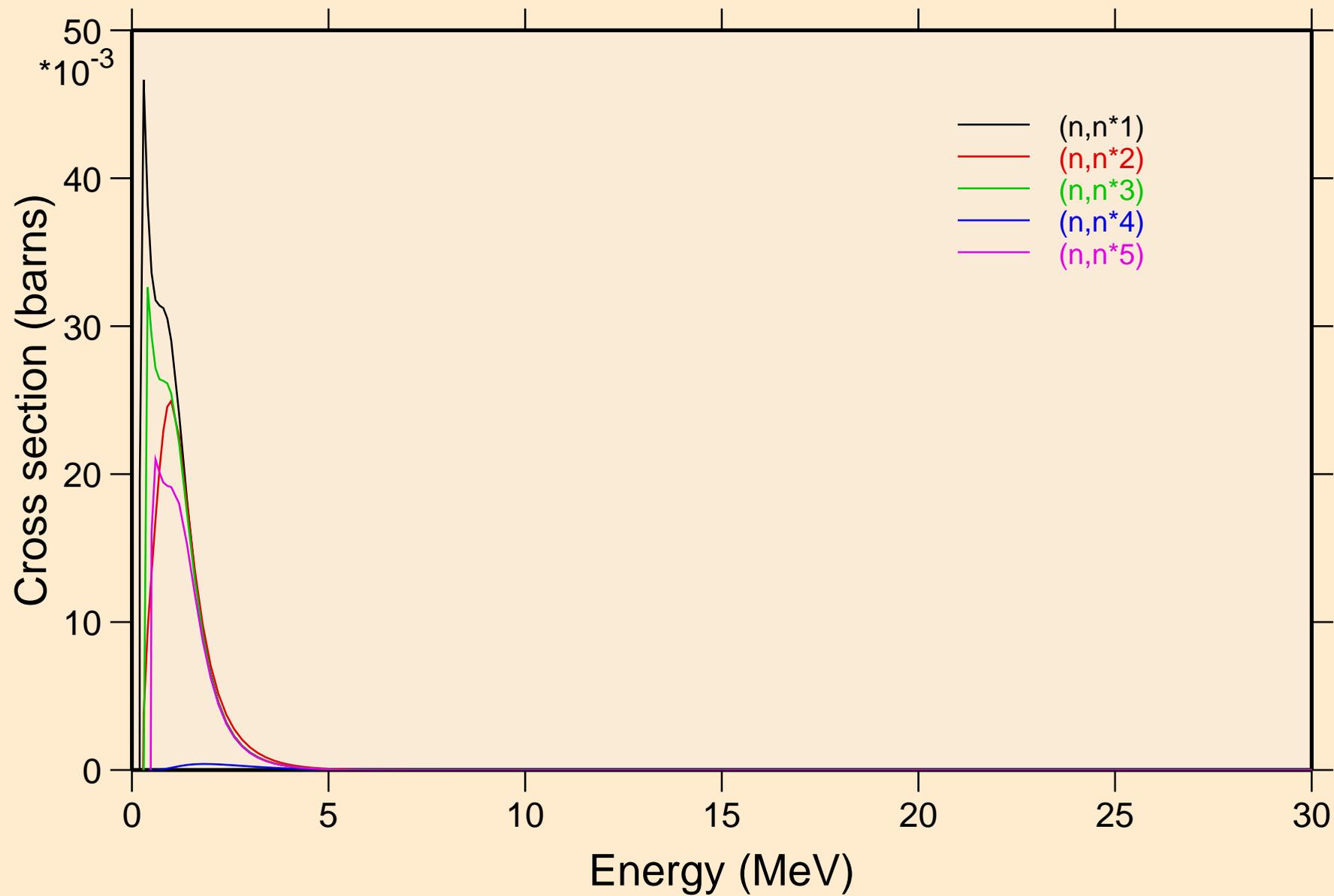


TB144 NRG TENDL-2015, AKONING  
Non-threshold reactions



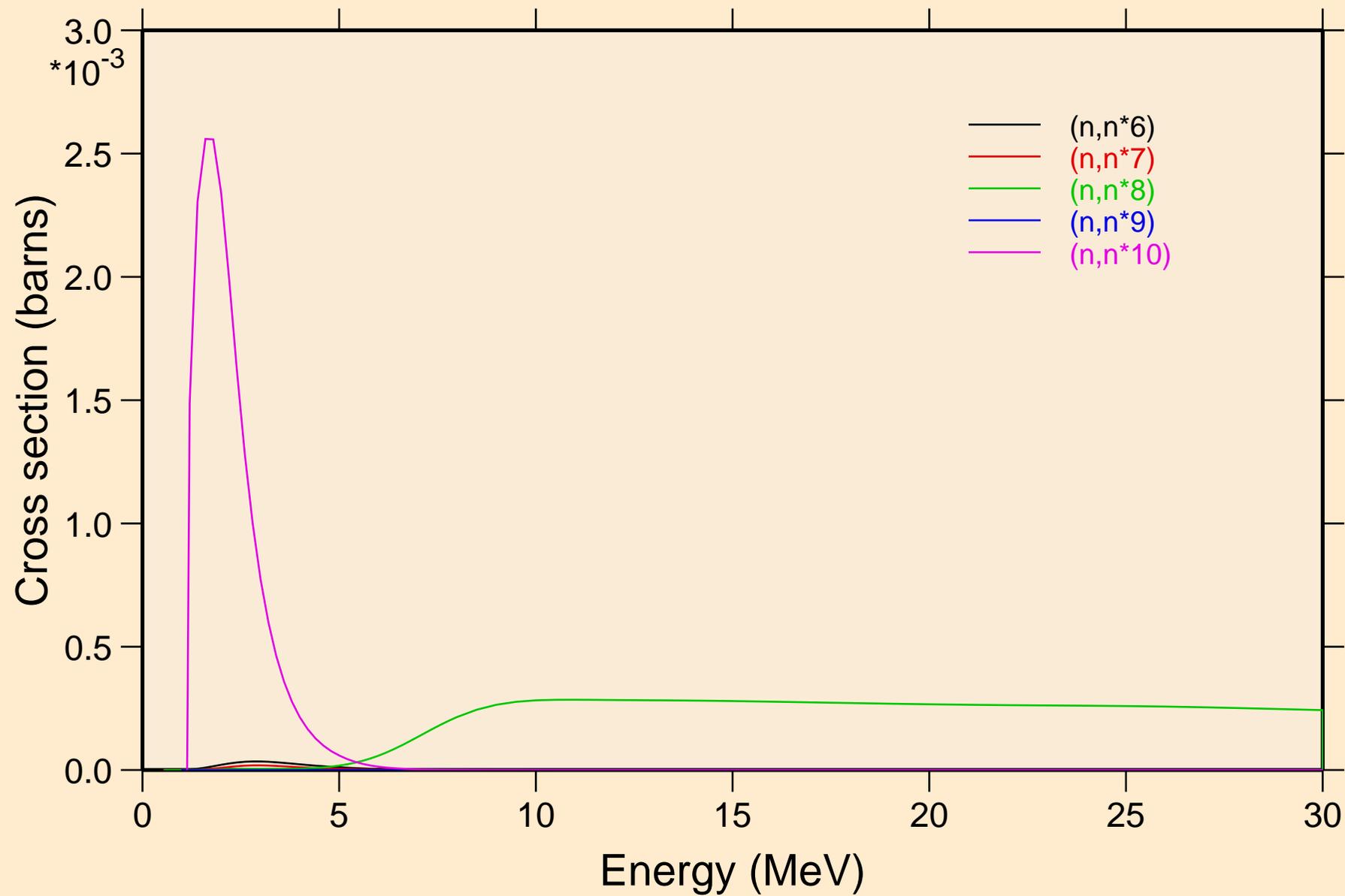
# TB144 NRG TENDL-2015, AKONING

## Inelastic levels



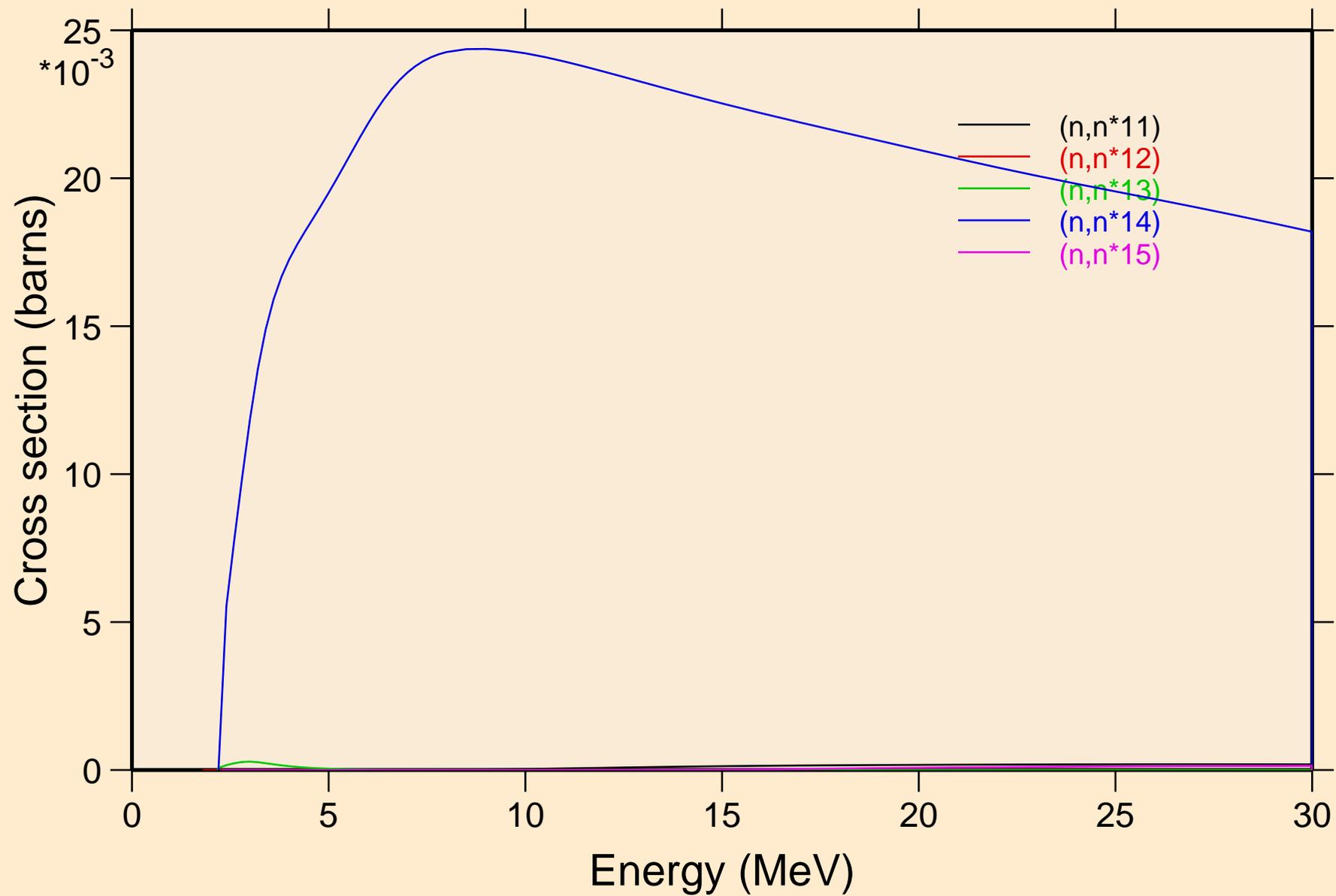
# TB144 NRG TENDL-2015, AKONING

## Inelastic levels



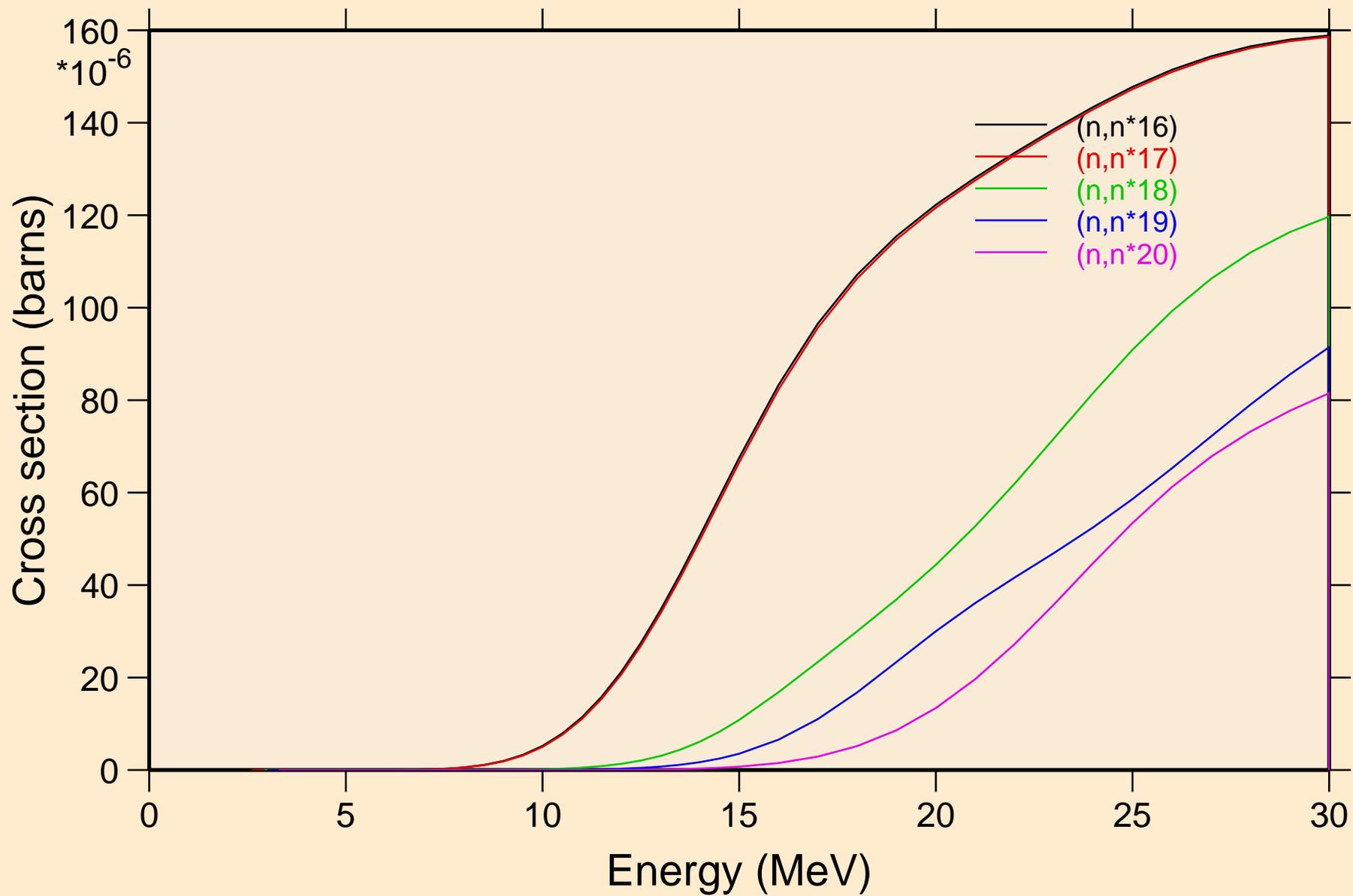
# TB144 NRG TENDL-2015, AKONING

## Inelastic levels



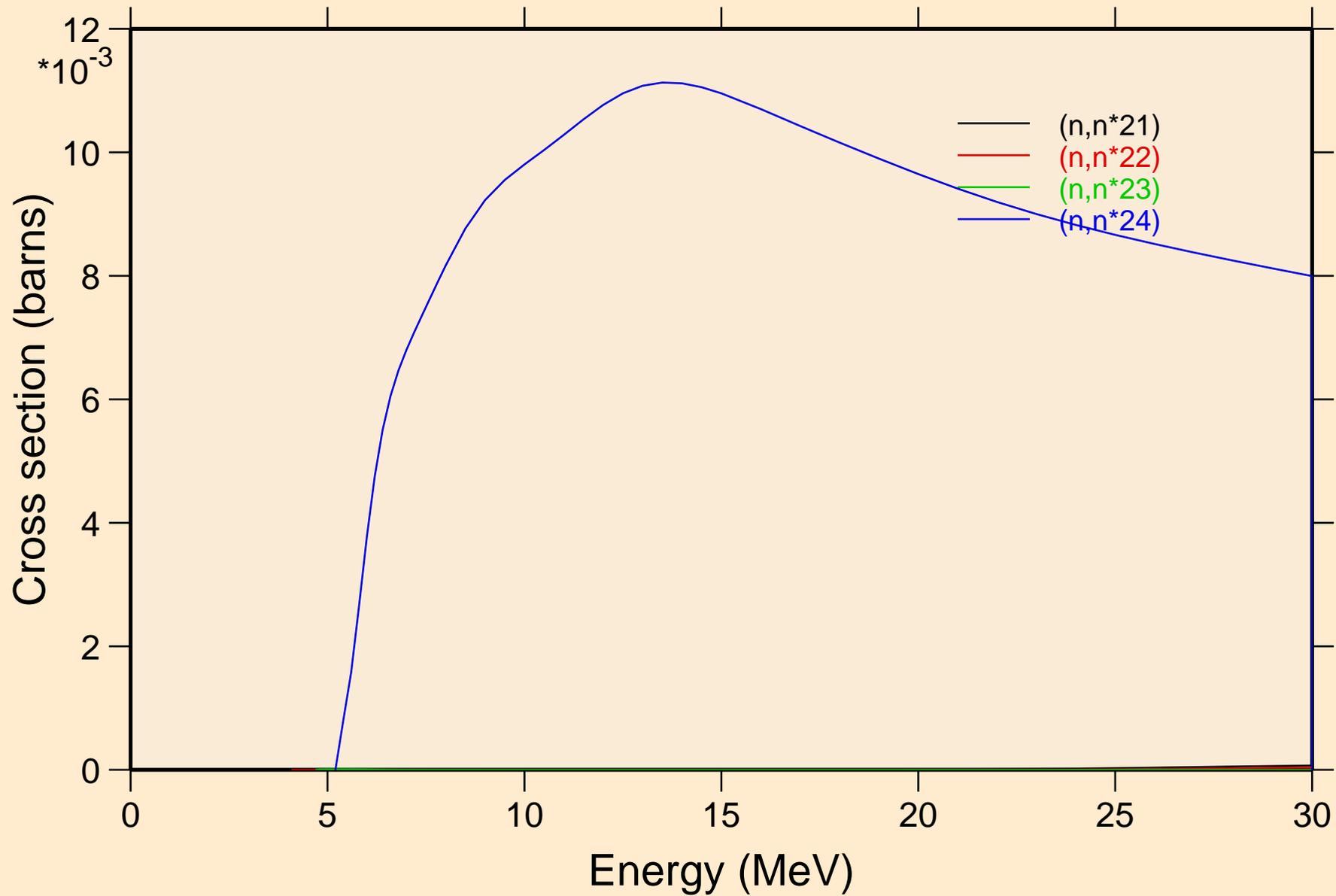
# TB144 NRG TENDL-2015, AKONING

## Inelastic levels



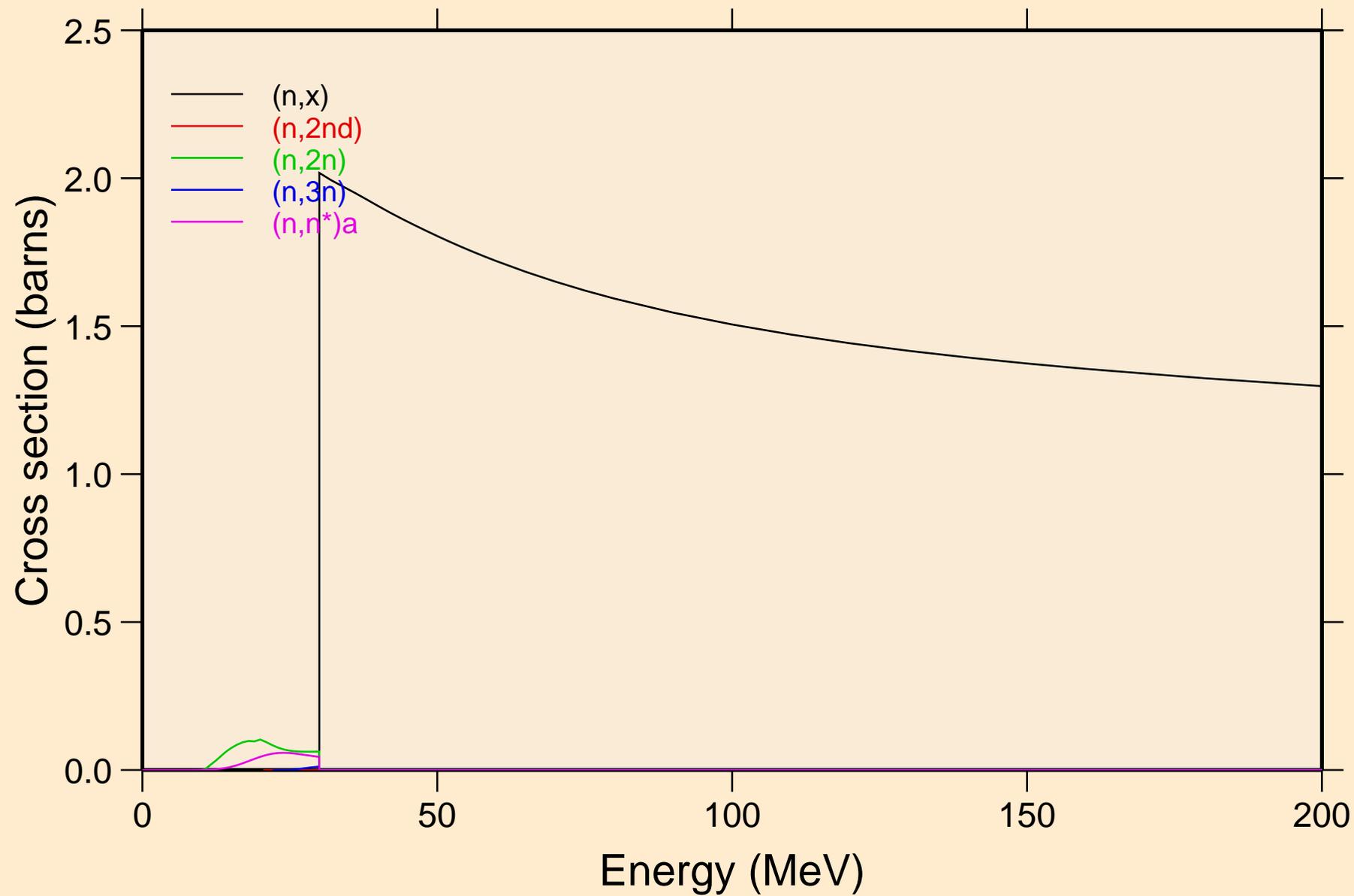
# TB144 NRG TENDL-2015, AKONING

## Inelastic levels



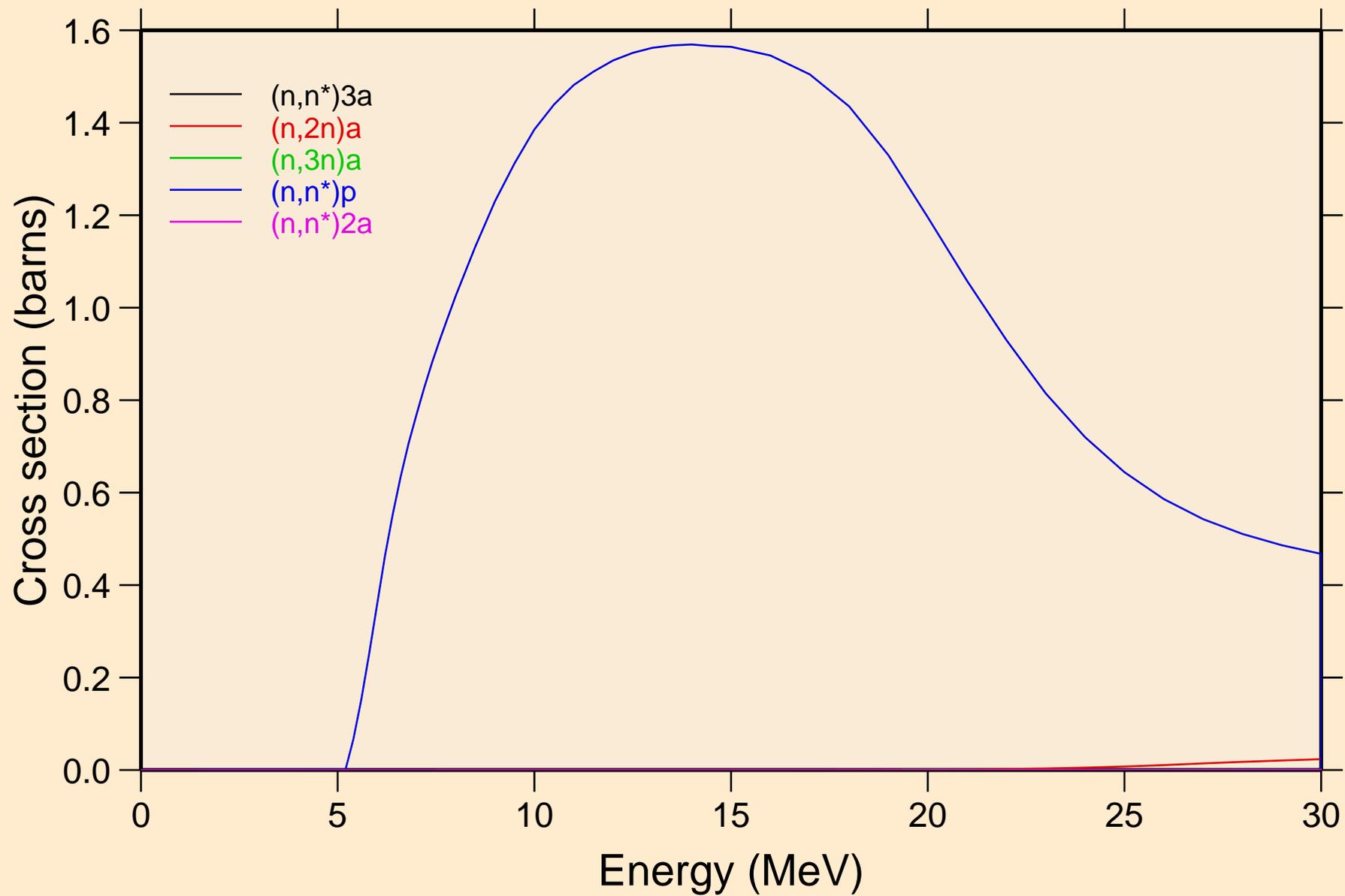
# TB144 NRG TENDL-2015, AKONING

## Threshold reactions



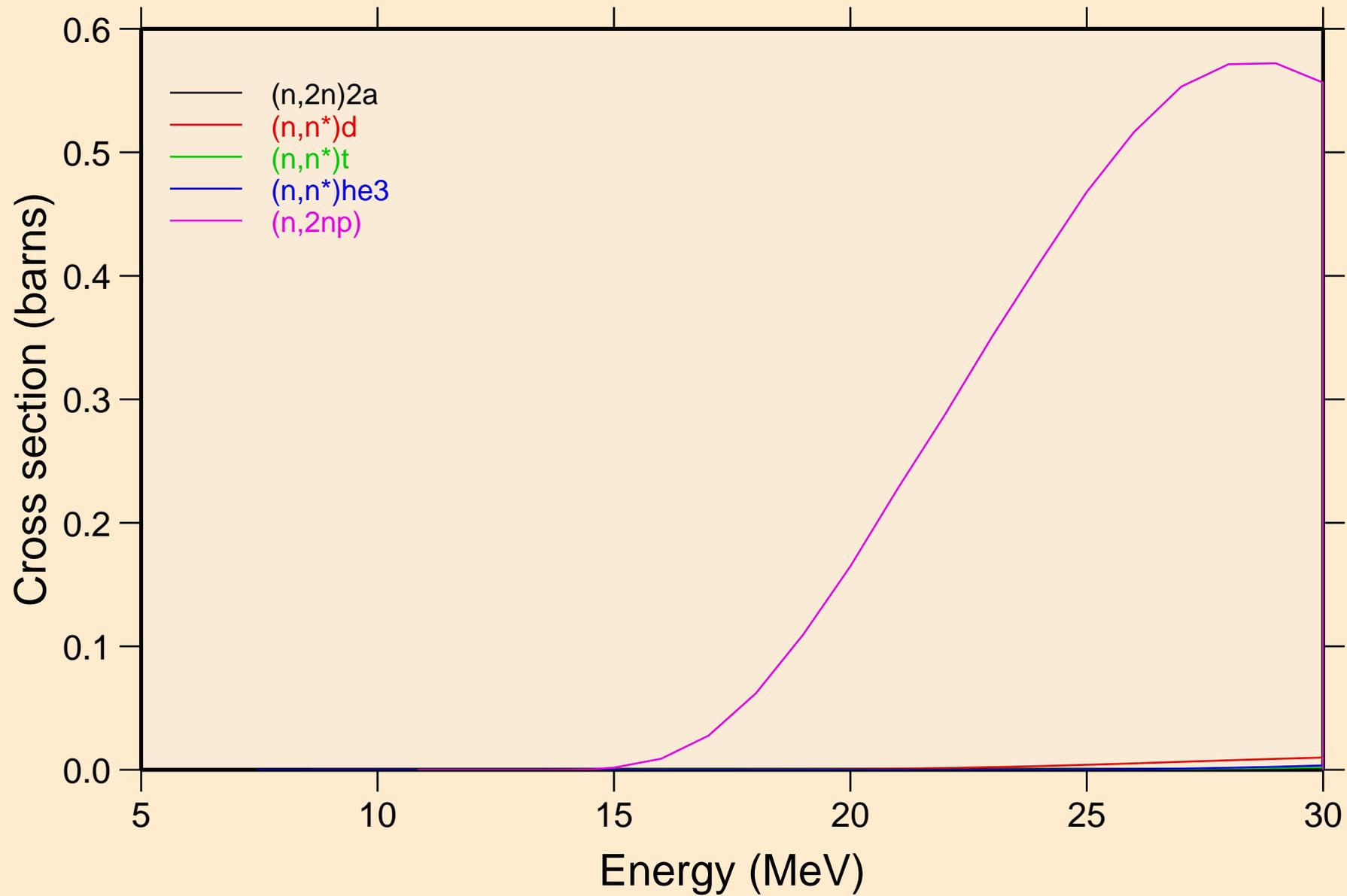
# TB144 NRG TENDL-2015, AKONING

## Threshold reactions



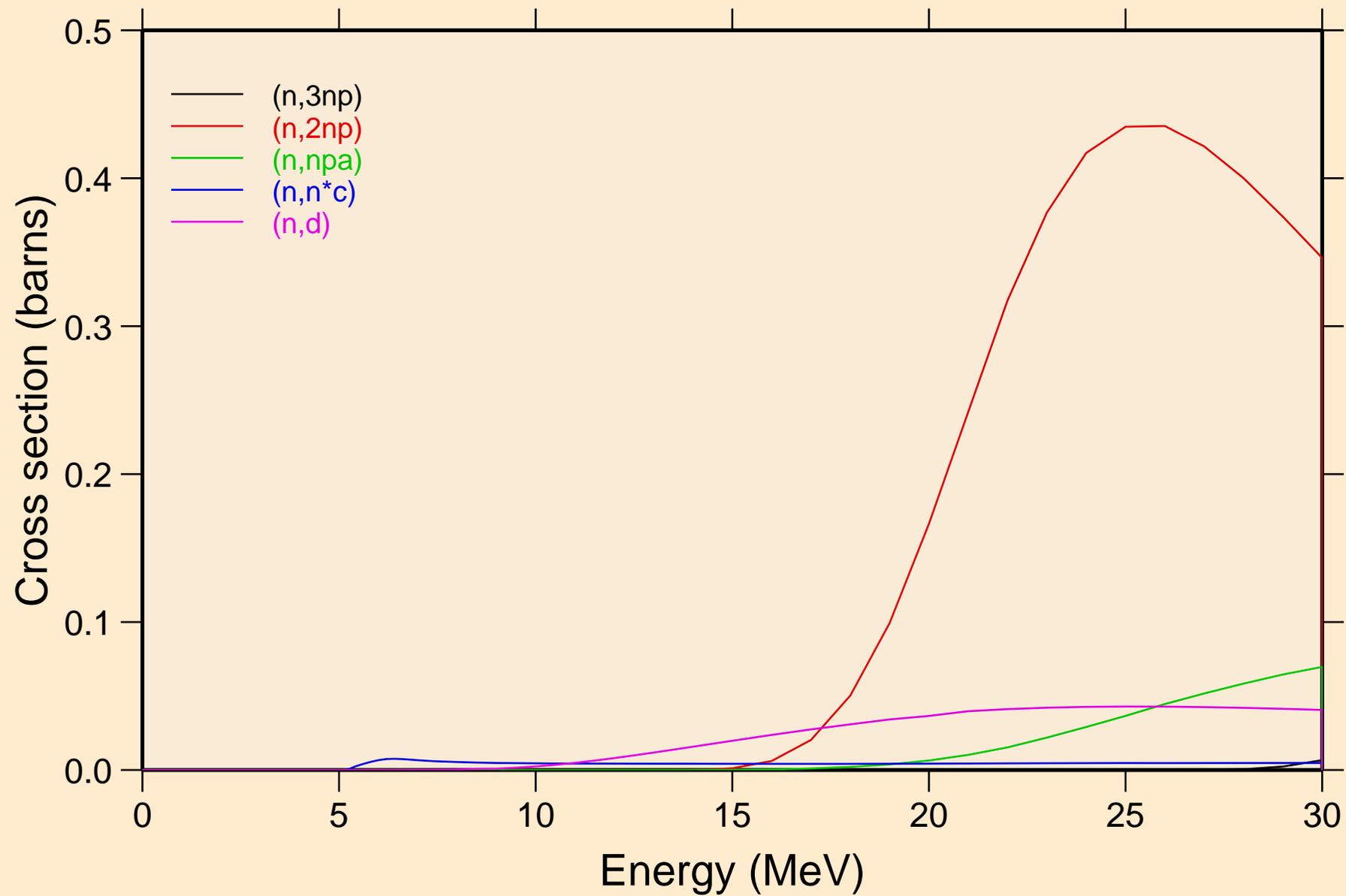
# TB144 NRG TENDL-2015, AKONING

## Threshold reactions



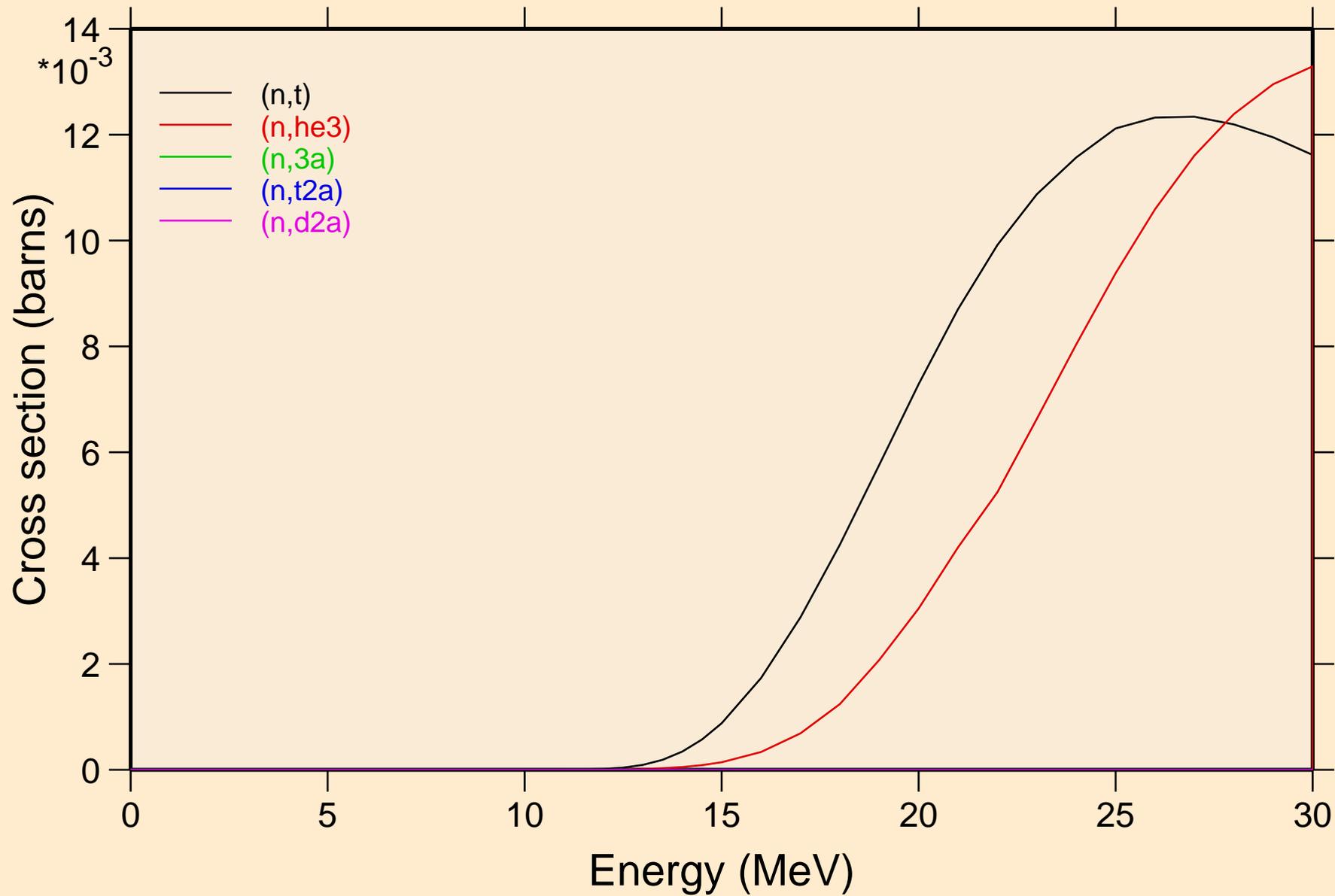
# TB144 NRG TENDL-2015, AKONING

## Threshold reactions



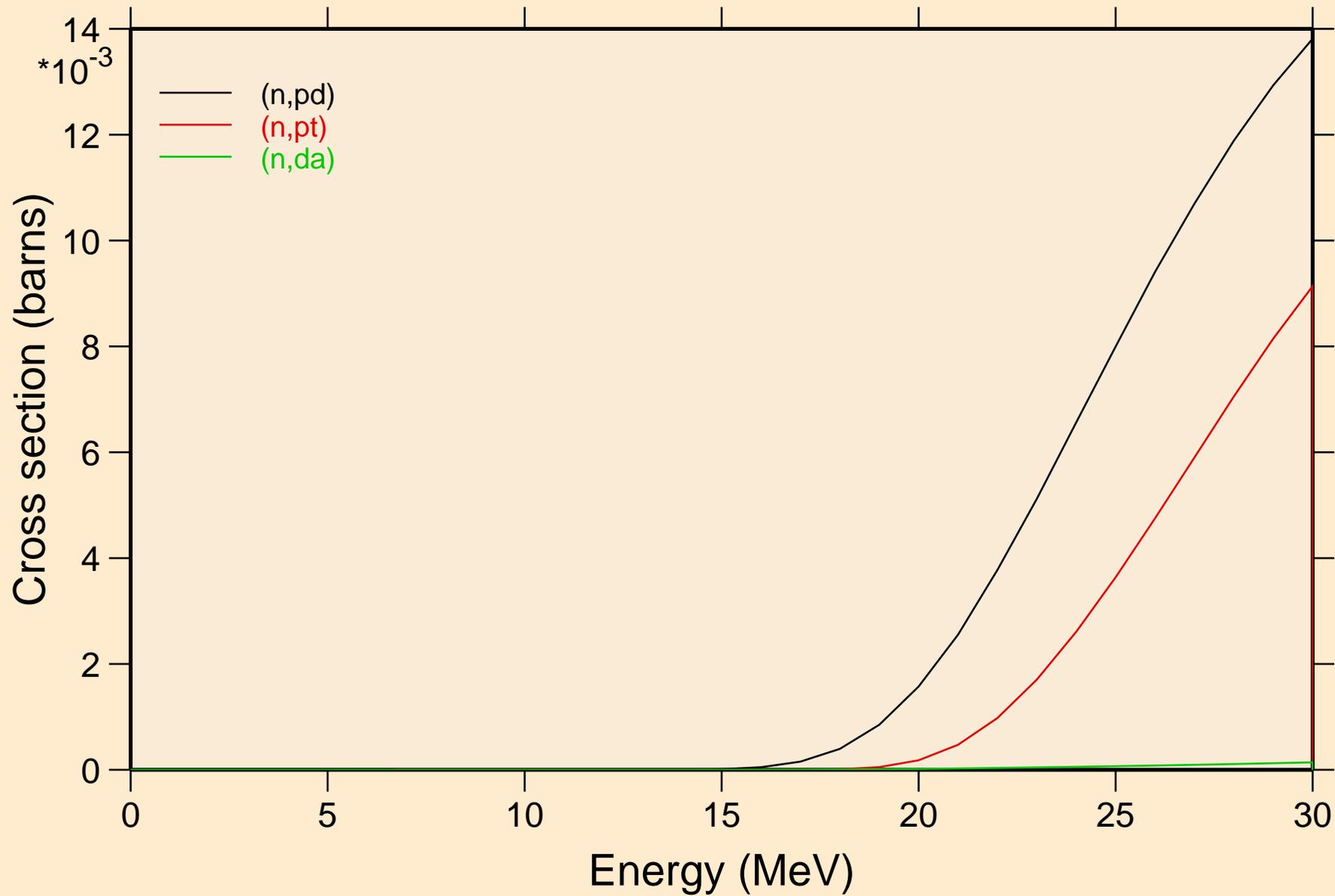
# TB144 NRG TENDL-2015, AKONING

## Threshold reactions

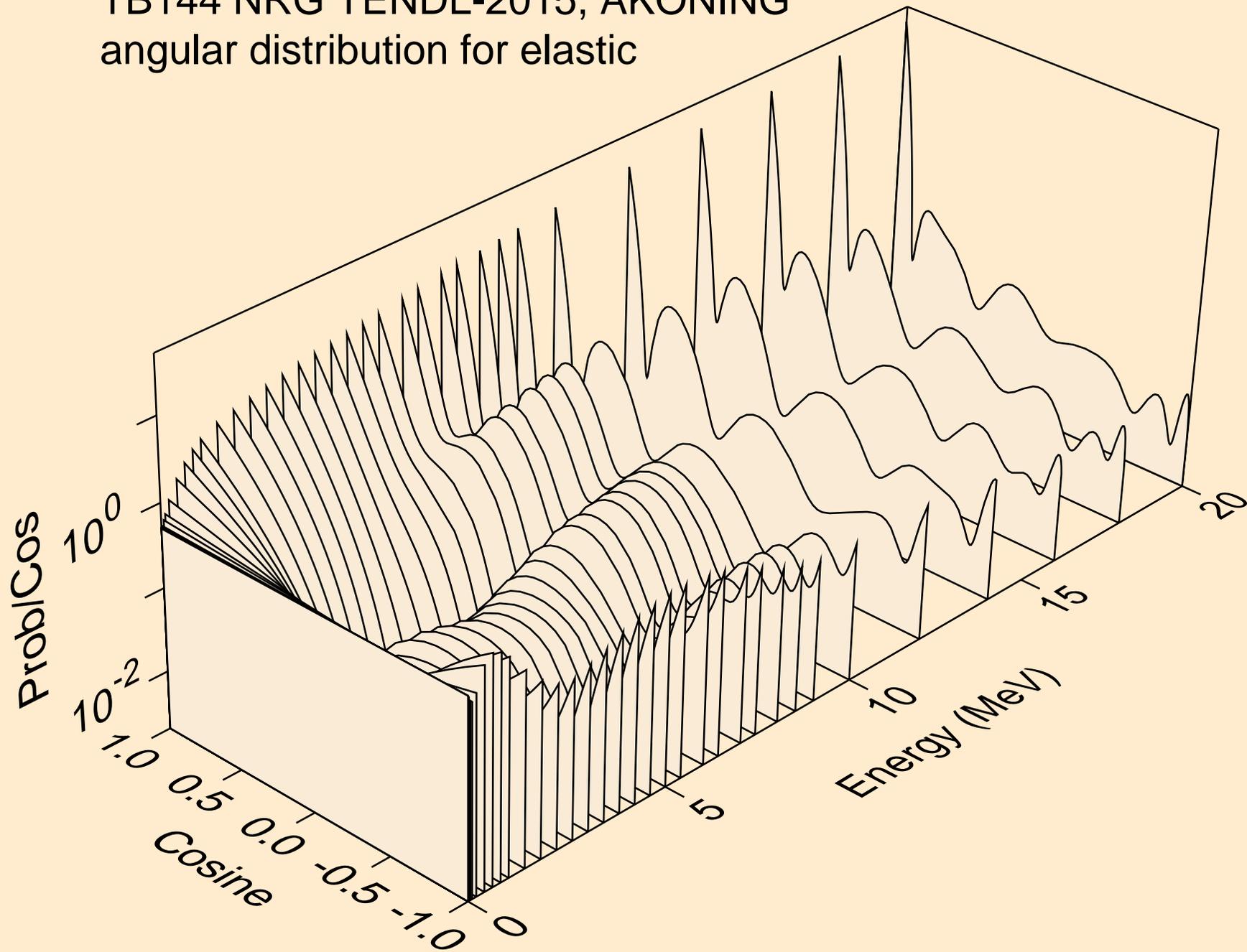


# TB144 NRG TENDL-2015, AKONING

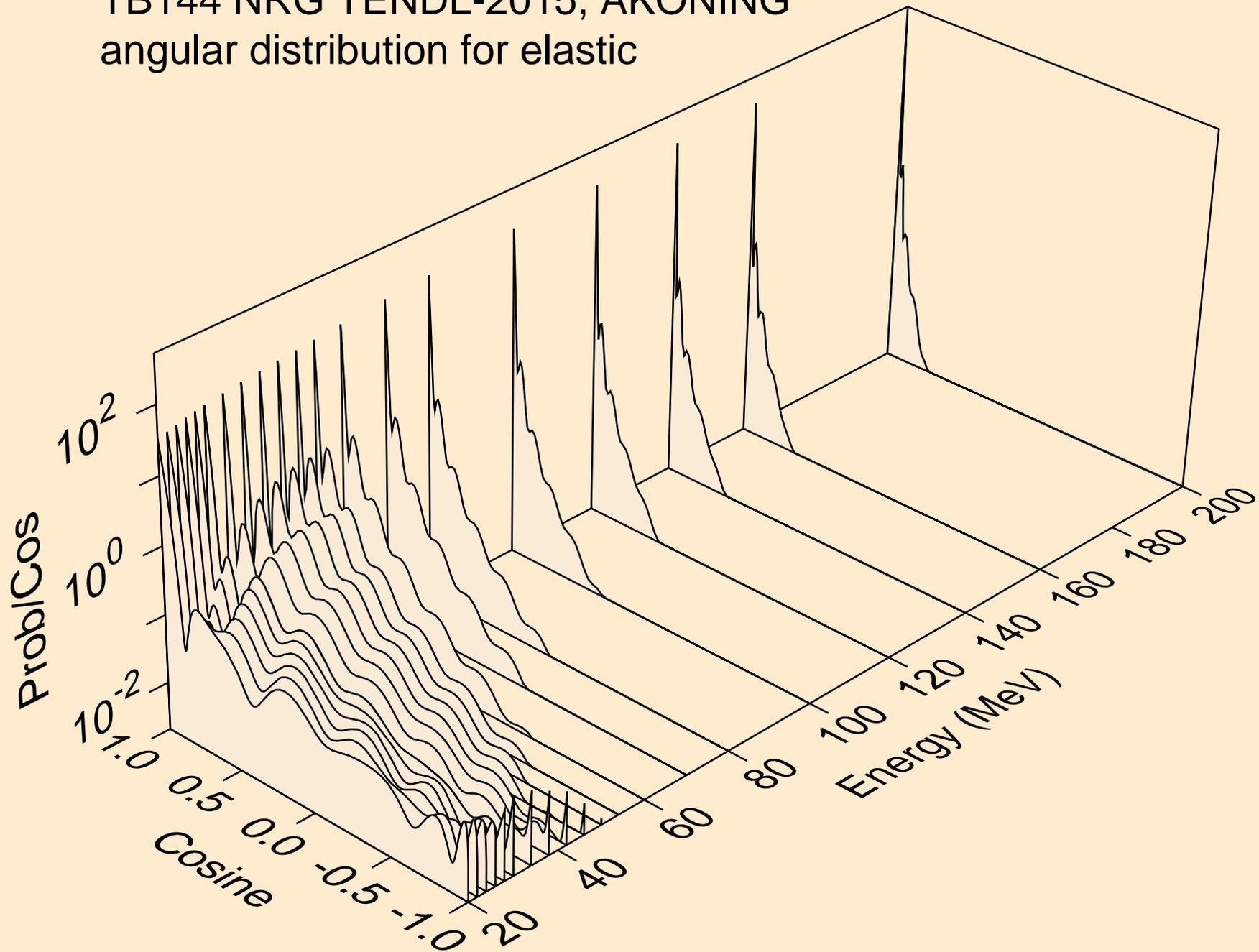
## Threshold reactions



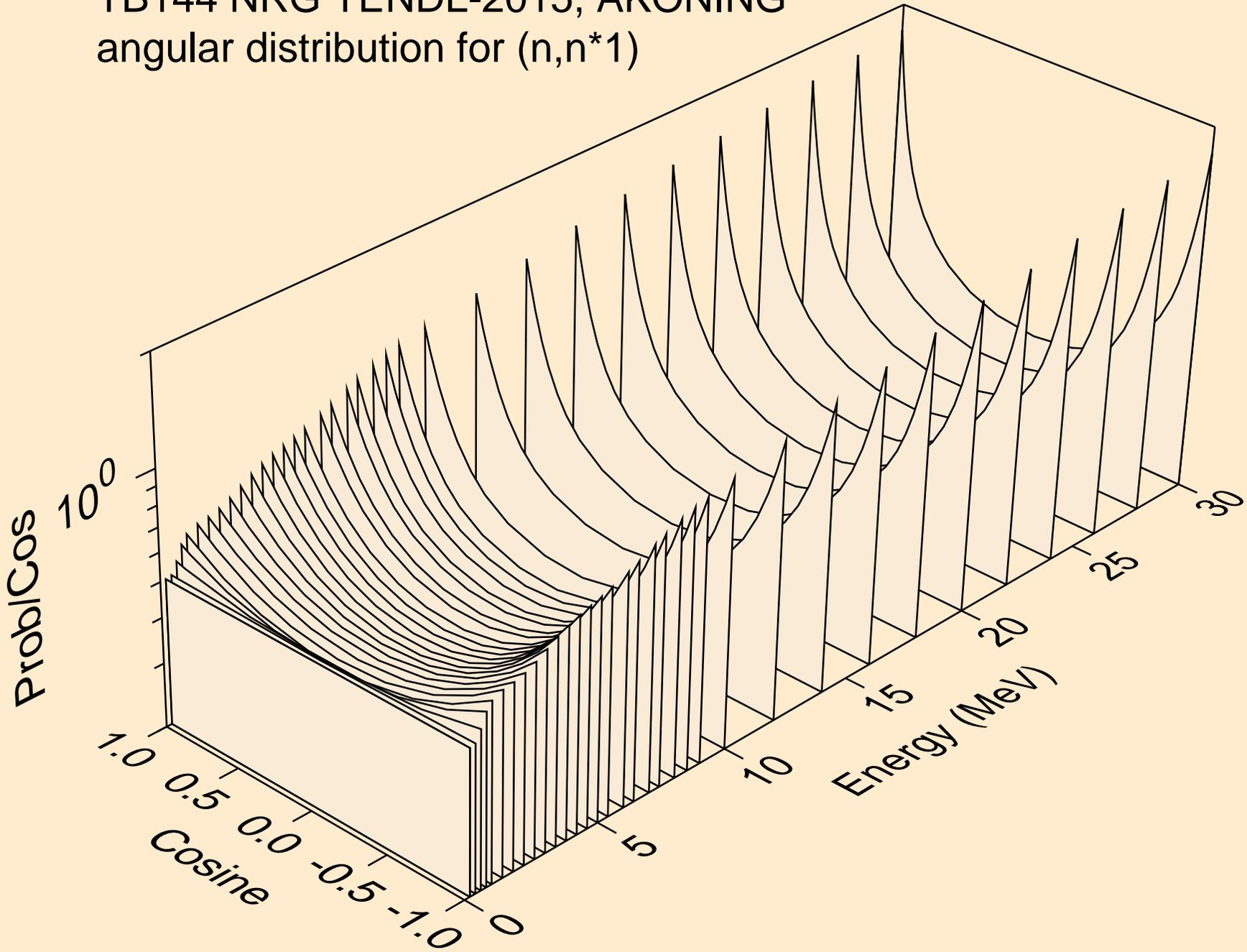
TB144 NRG TENDL-2015, AKONING  
angular distribution for elastic



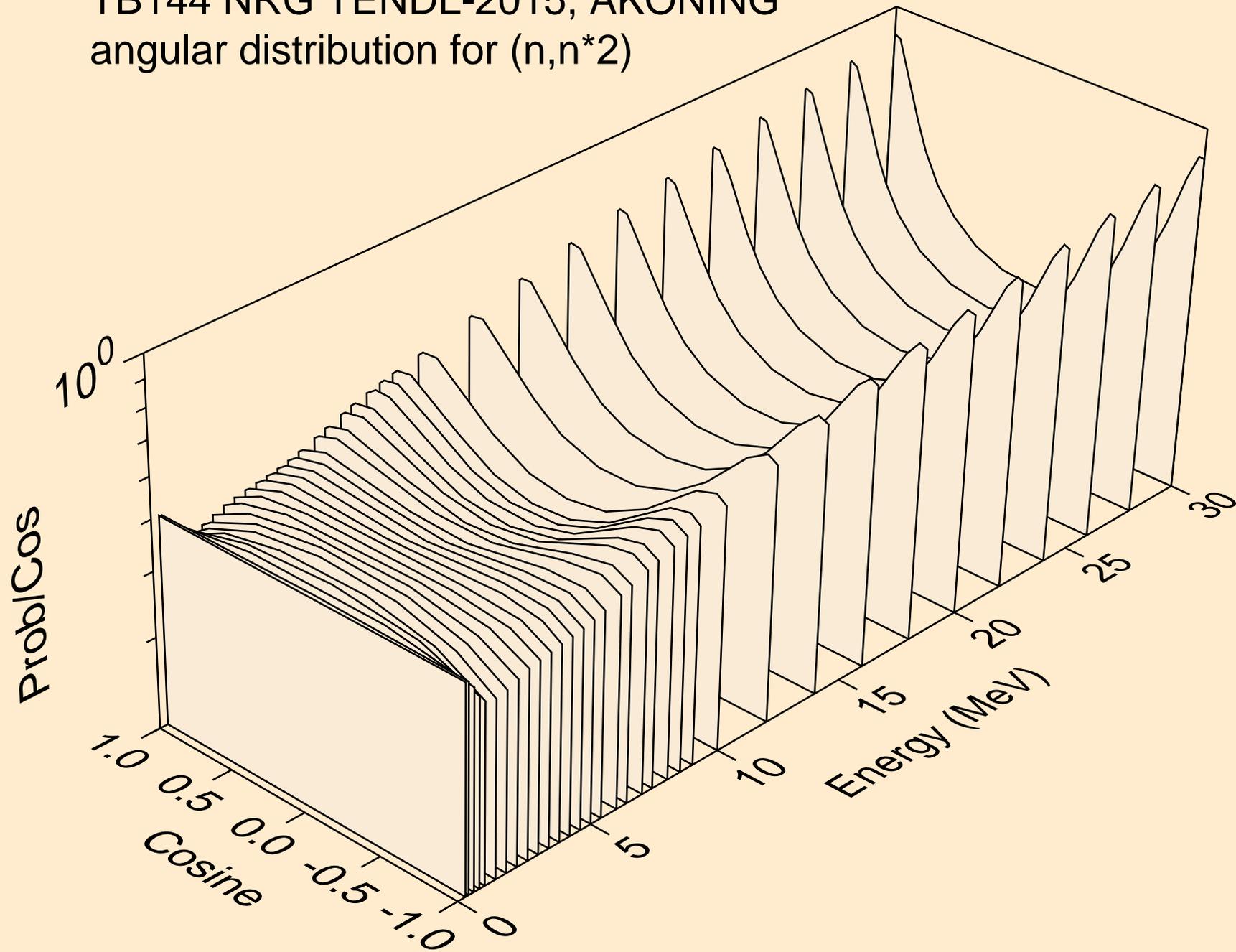
TB144 NRG TENDL-2015, AKONING  
angular distribution for elastic



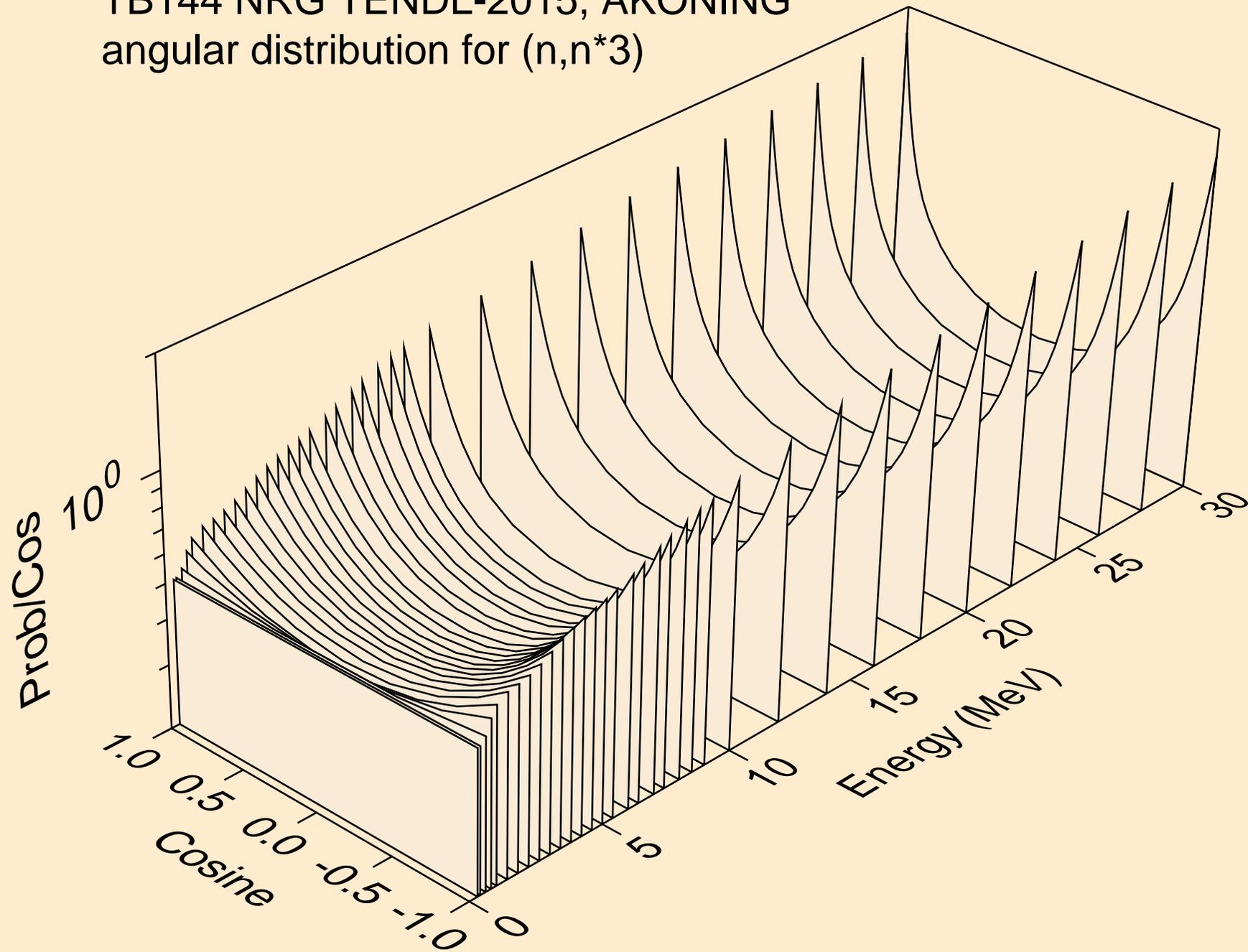
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



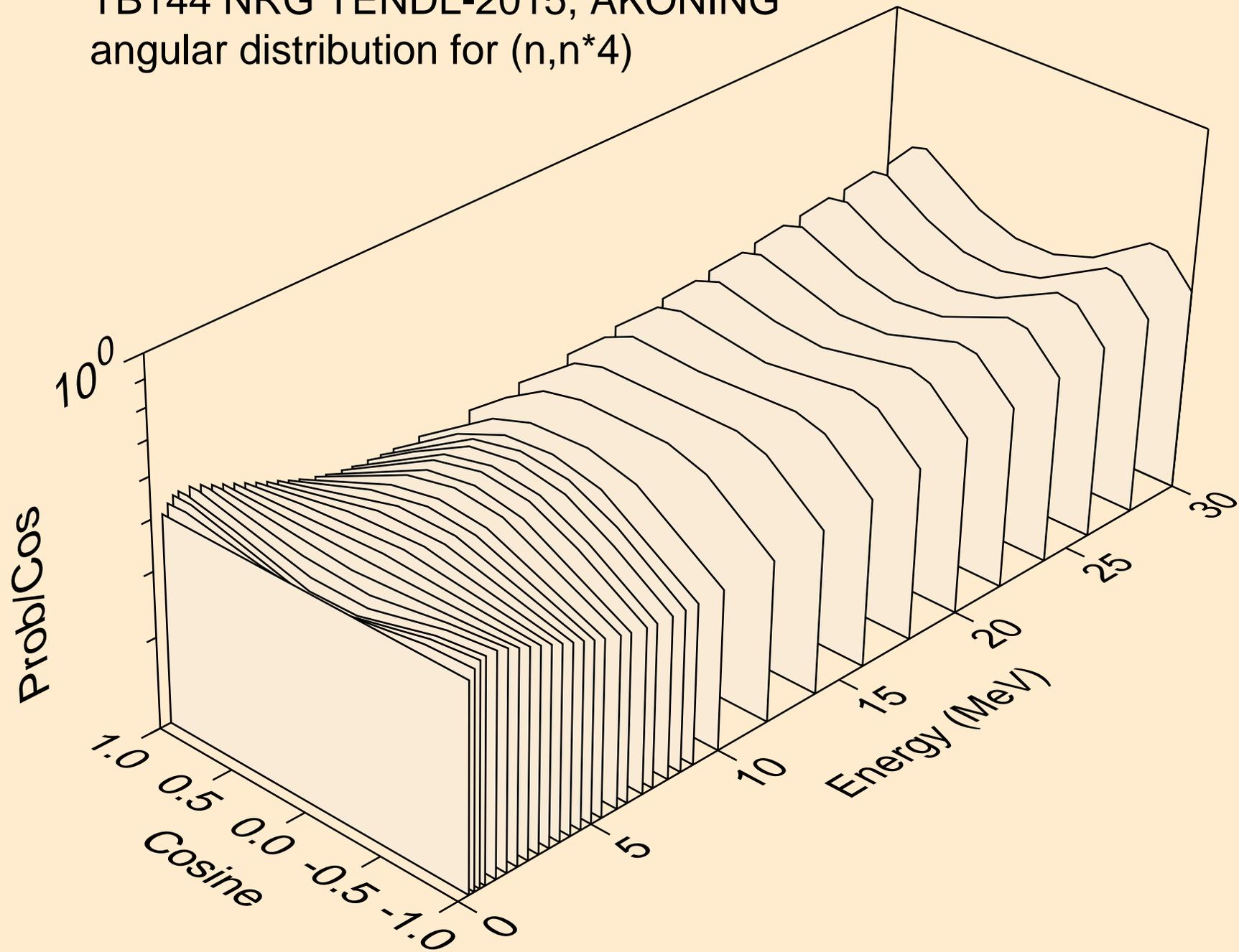
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



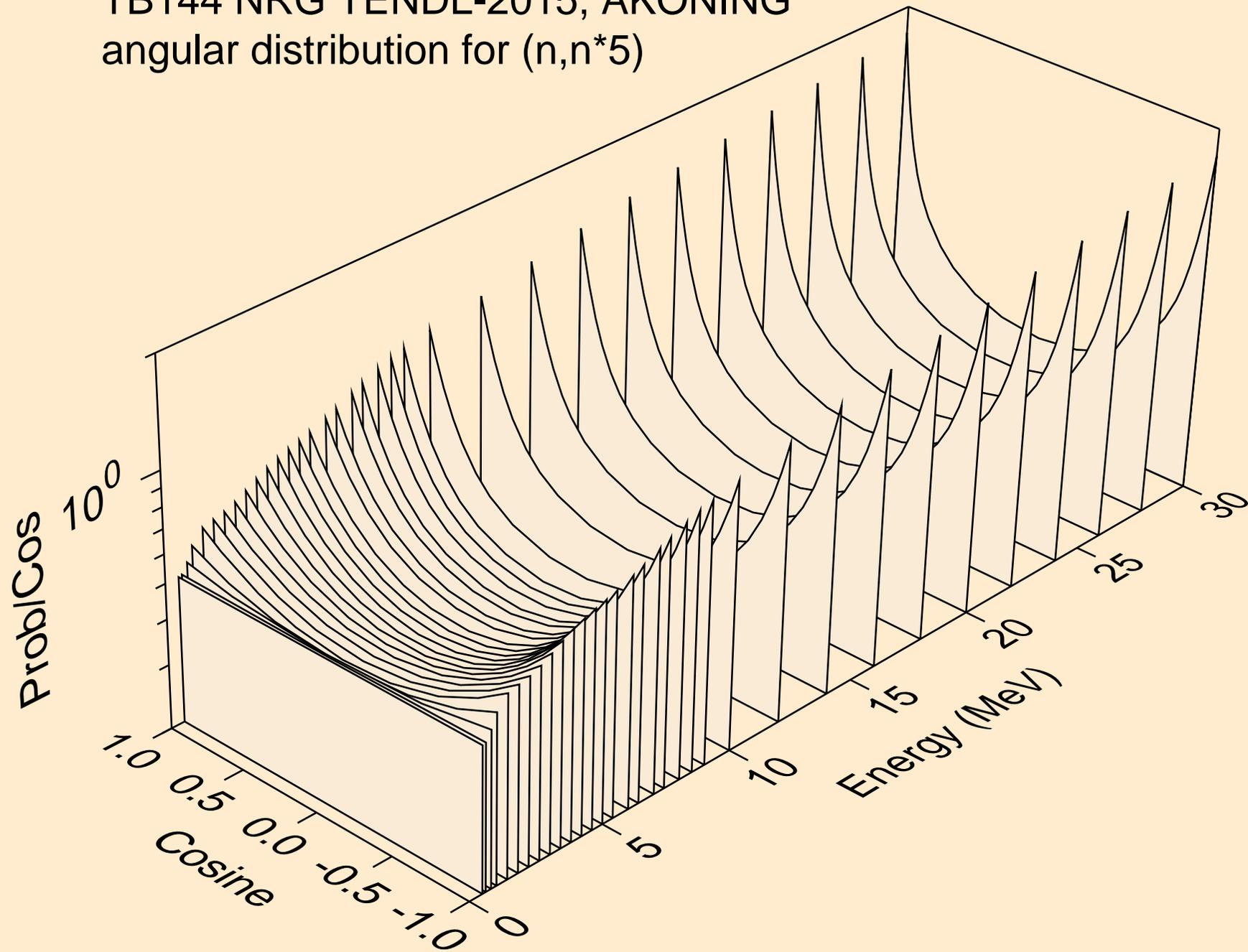
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



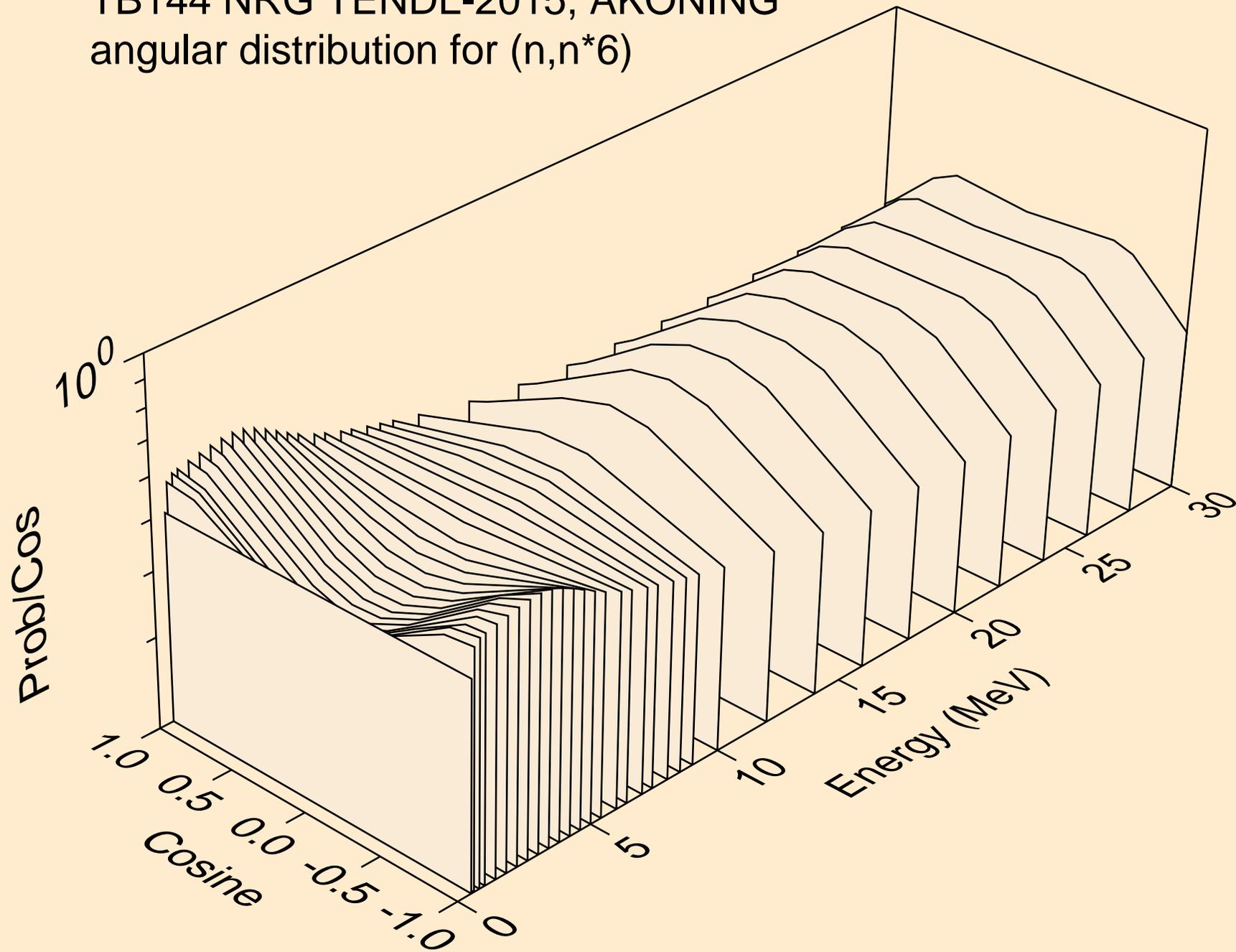
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



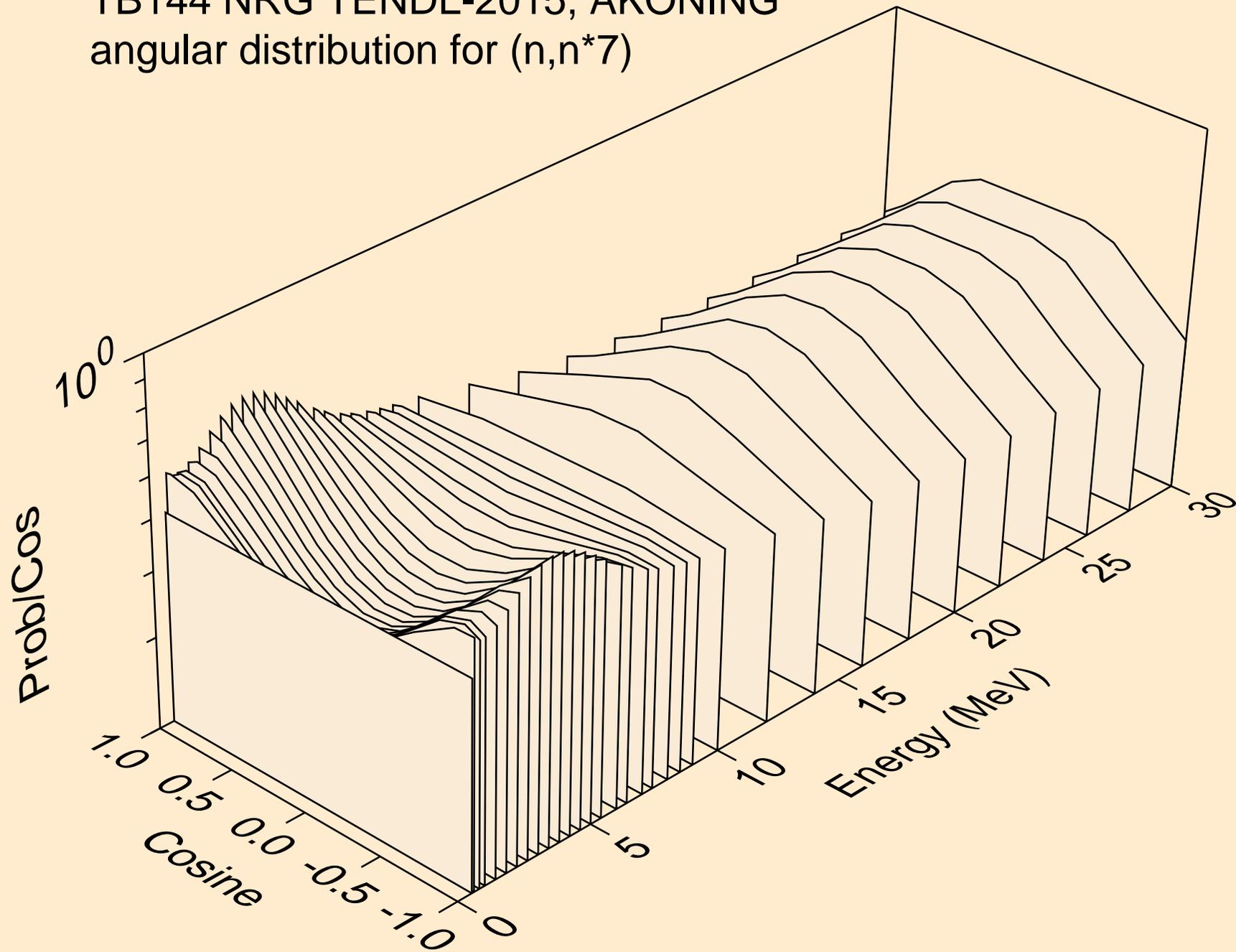
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



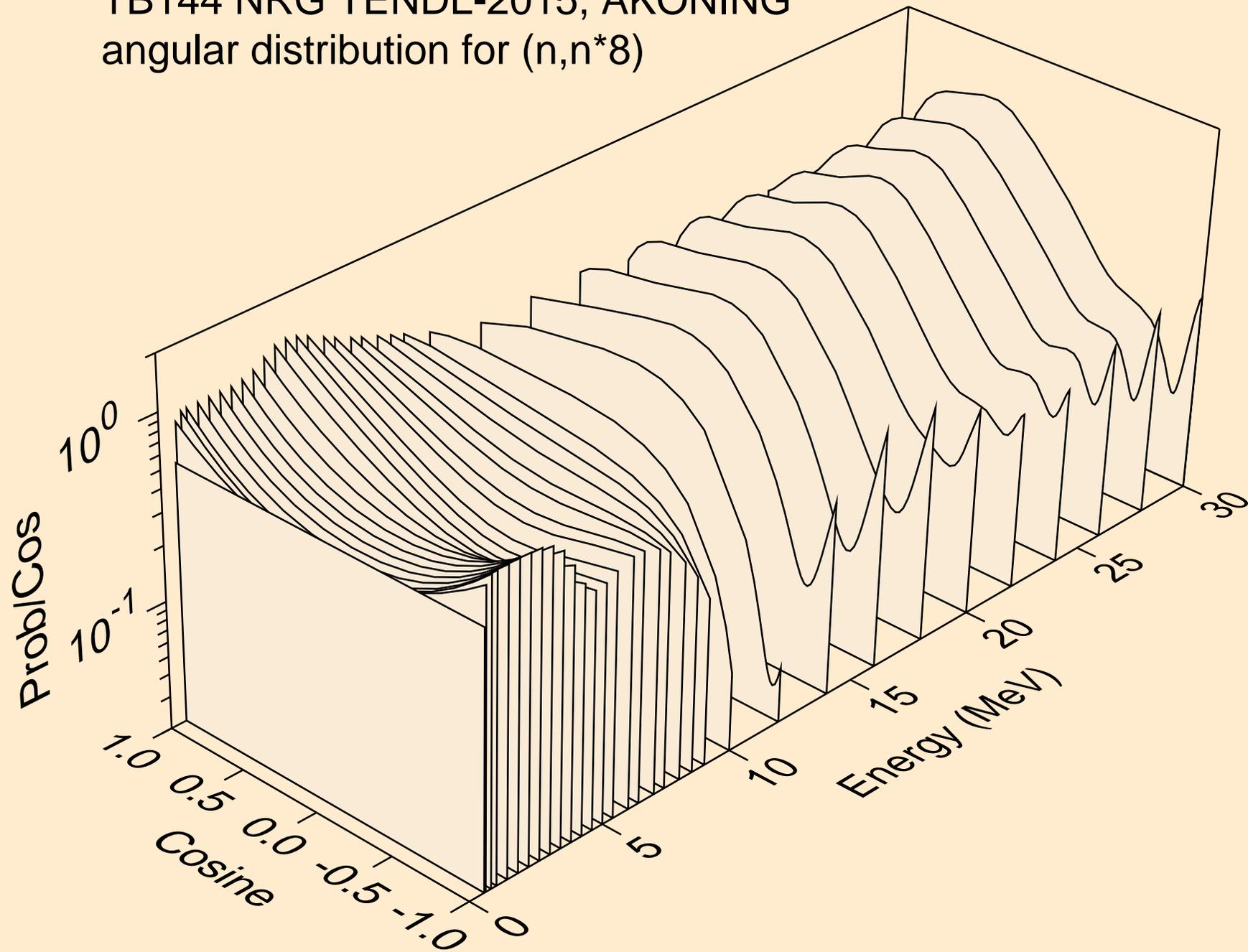
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



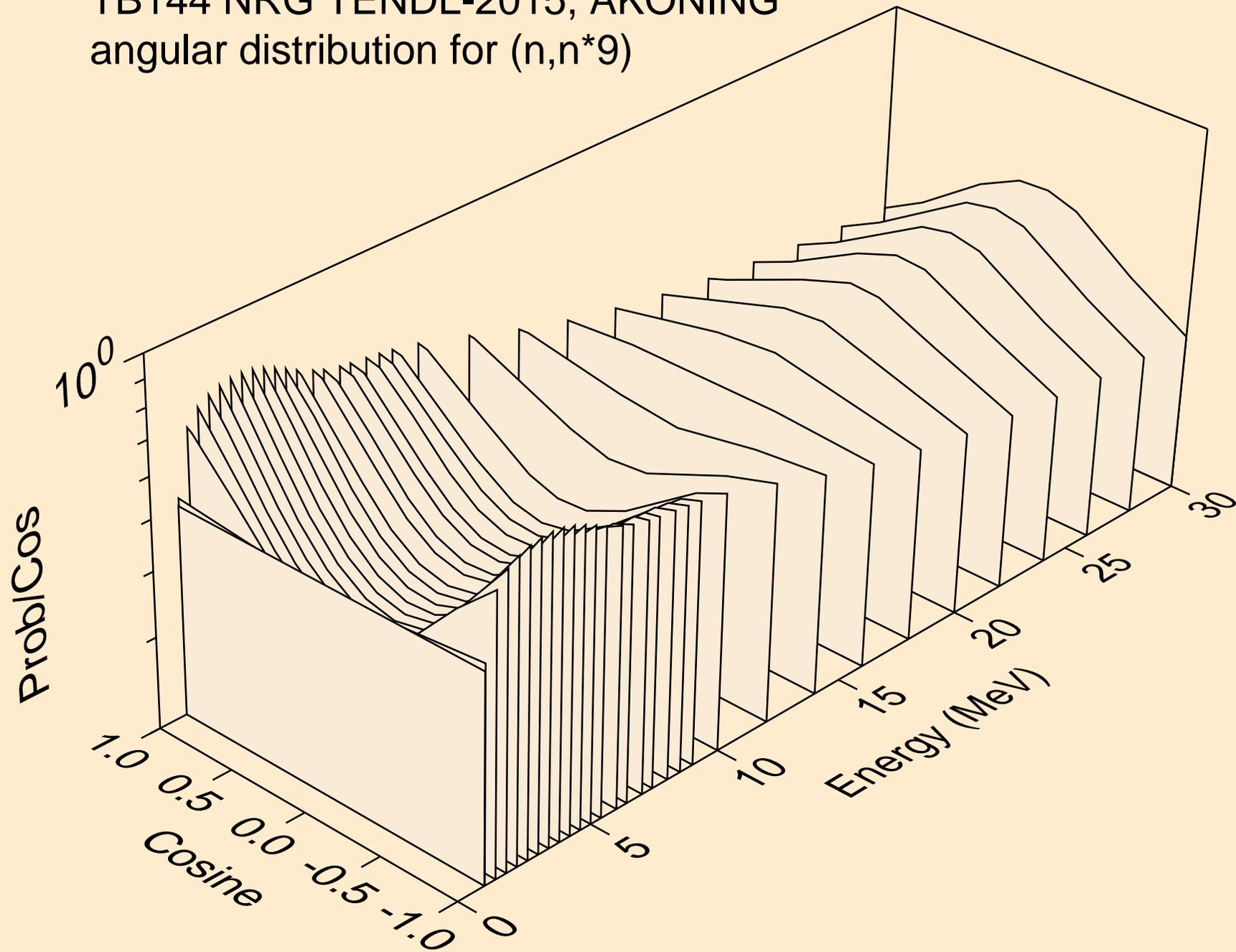
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



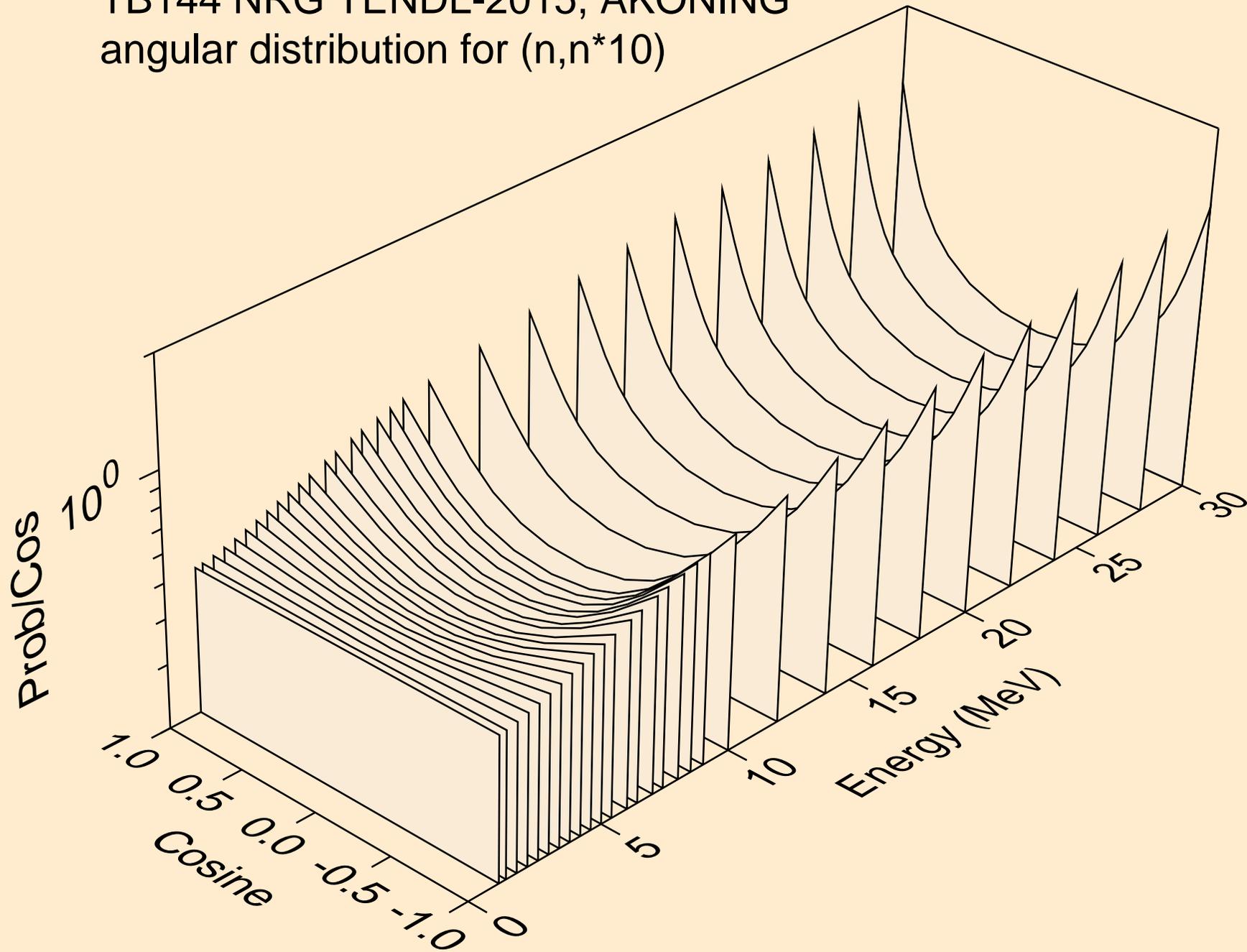
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



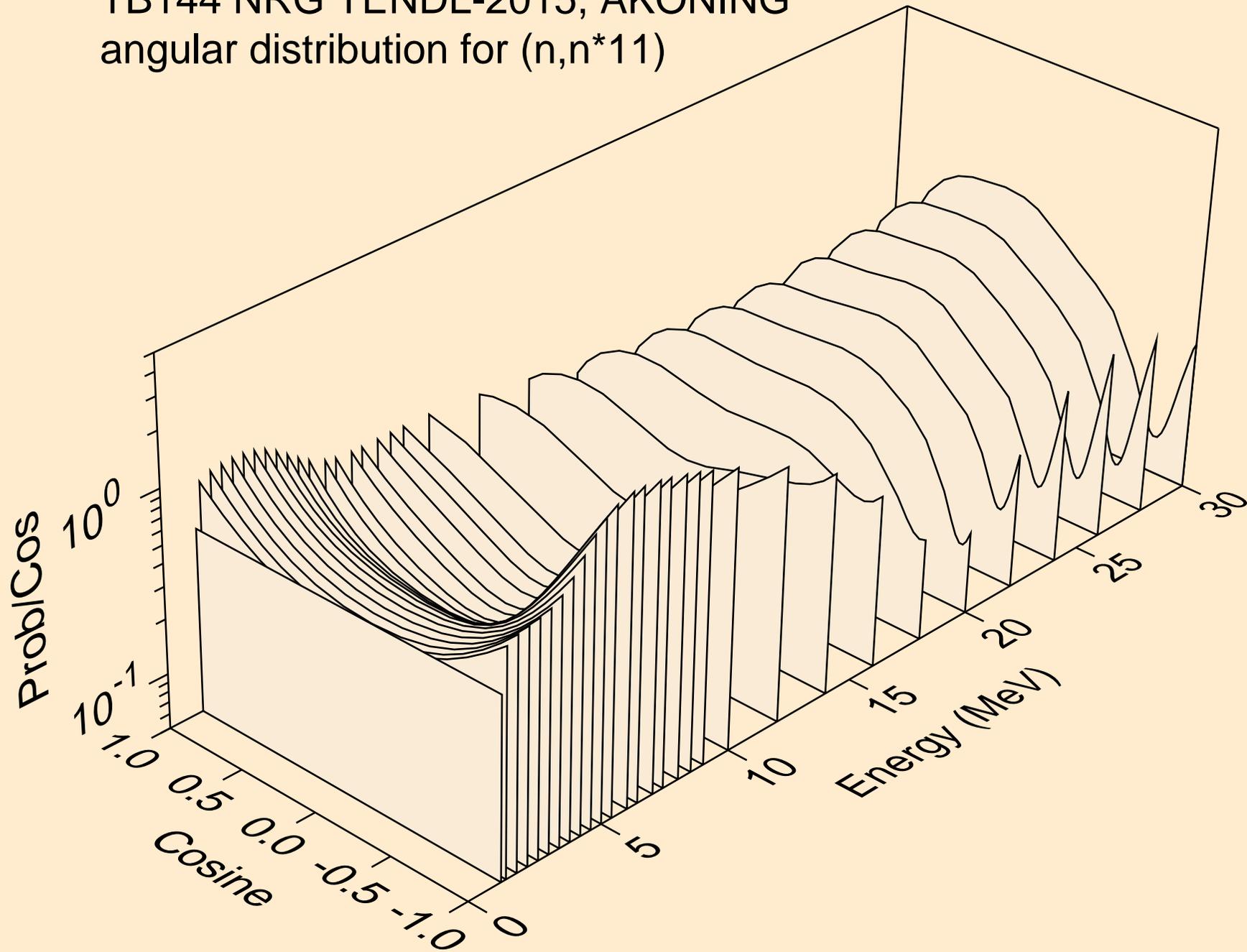
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



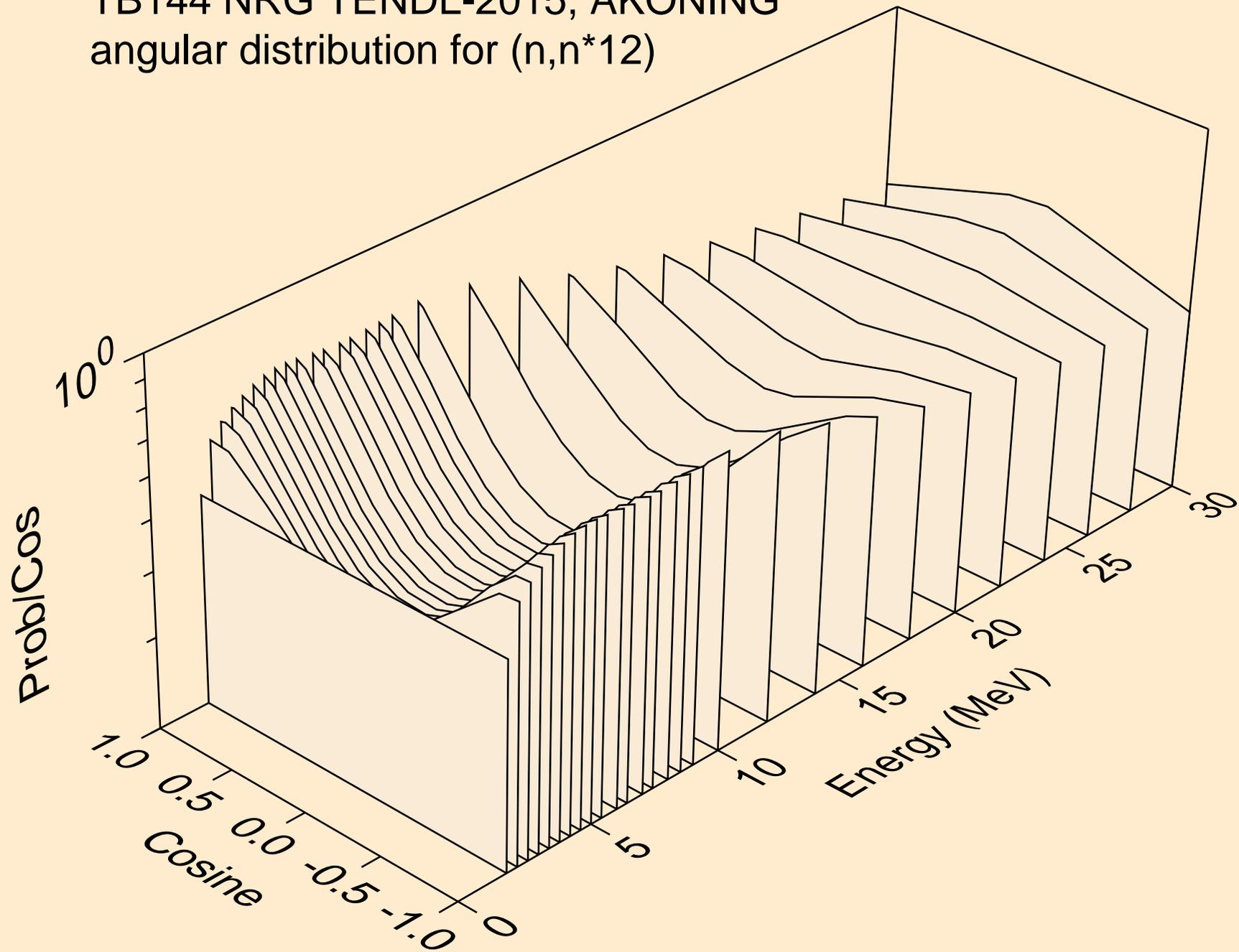
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



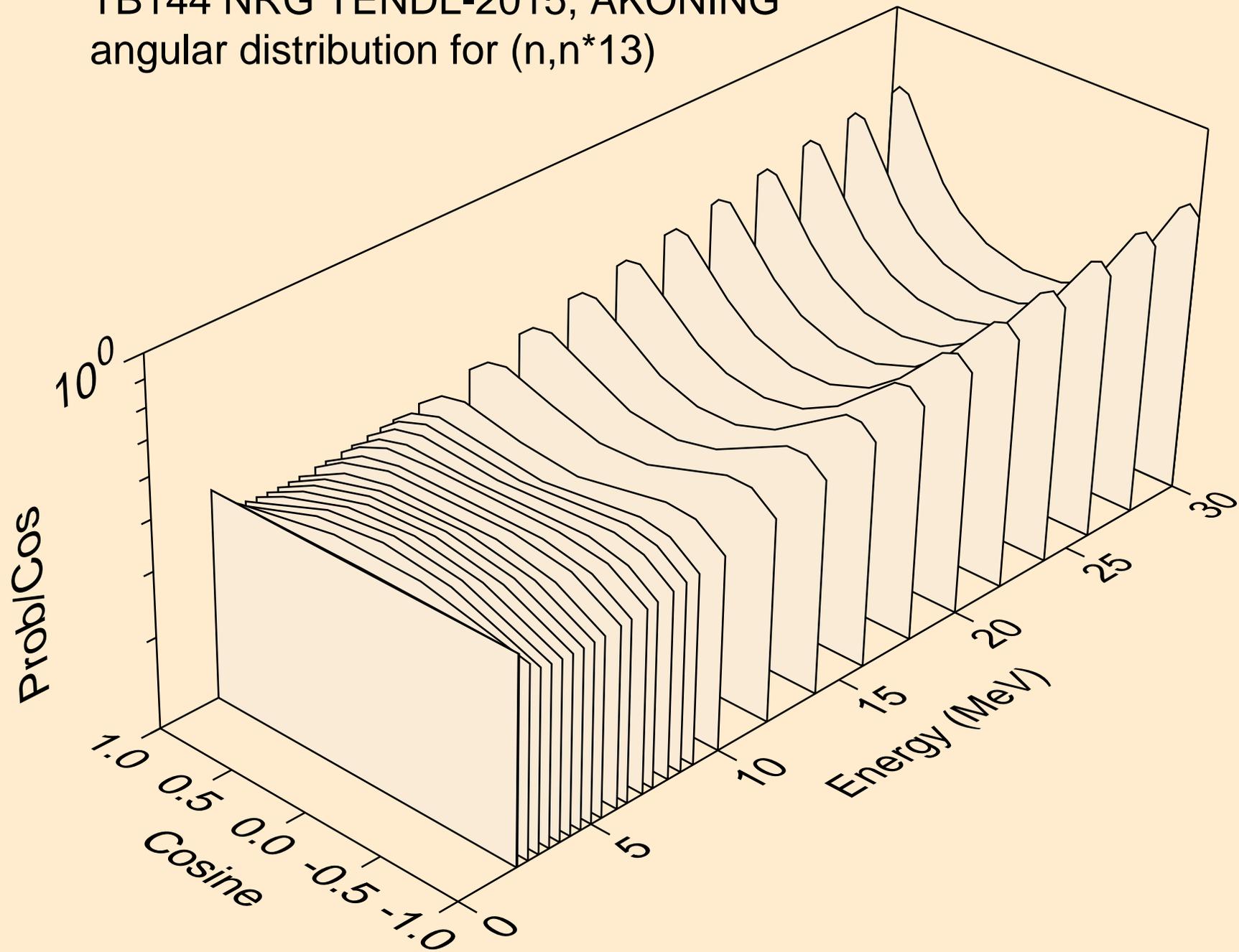
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



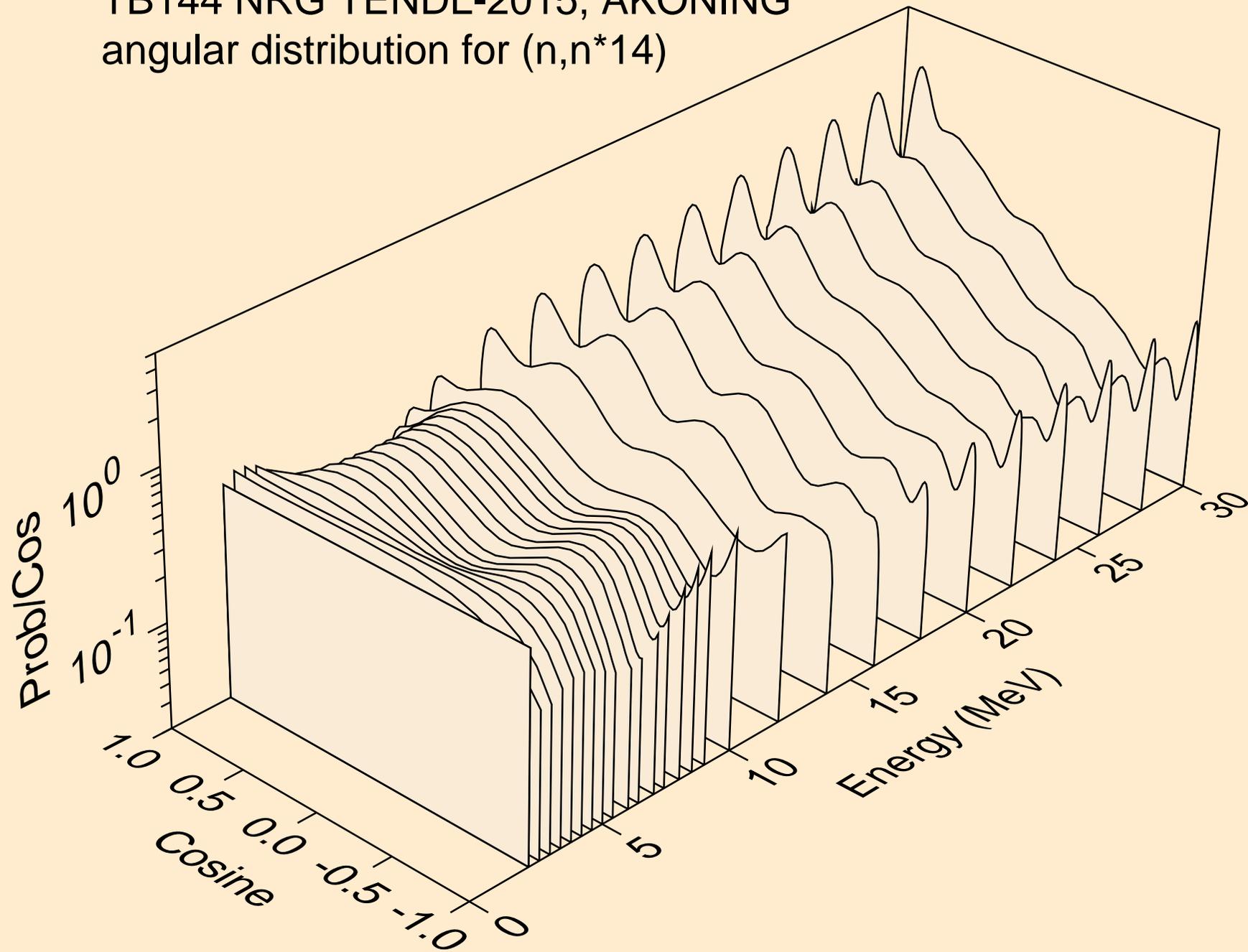
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



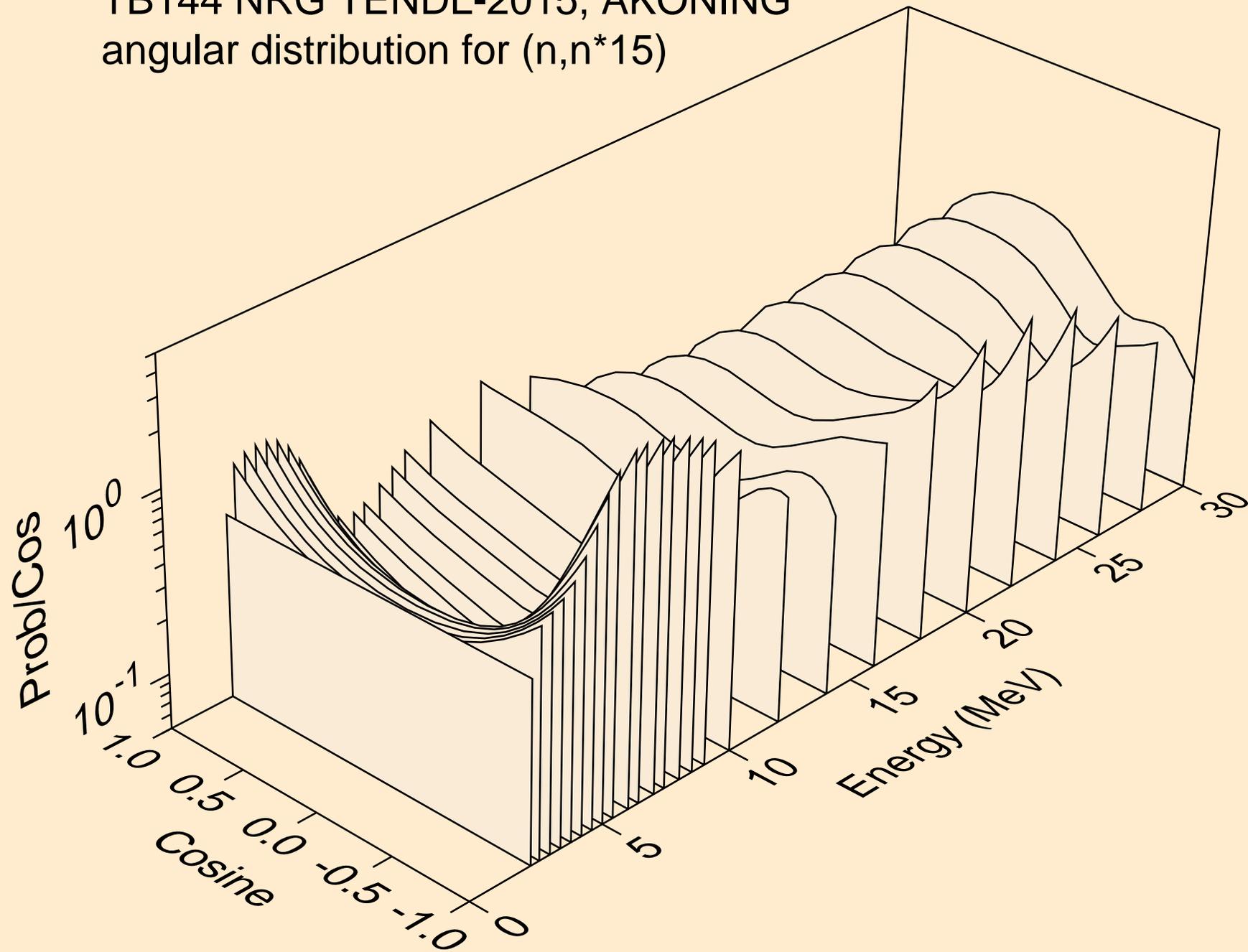
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



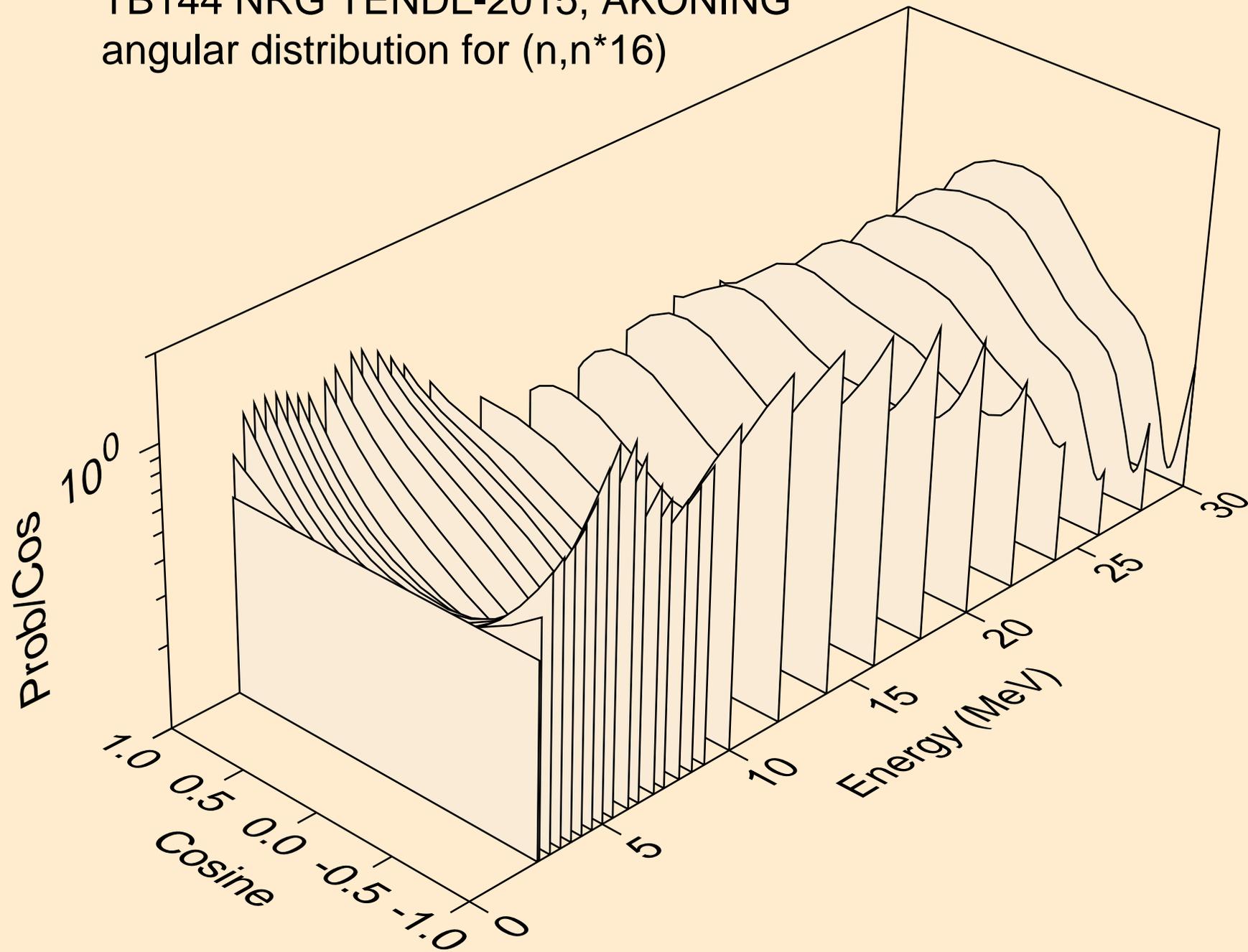
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



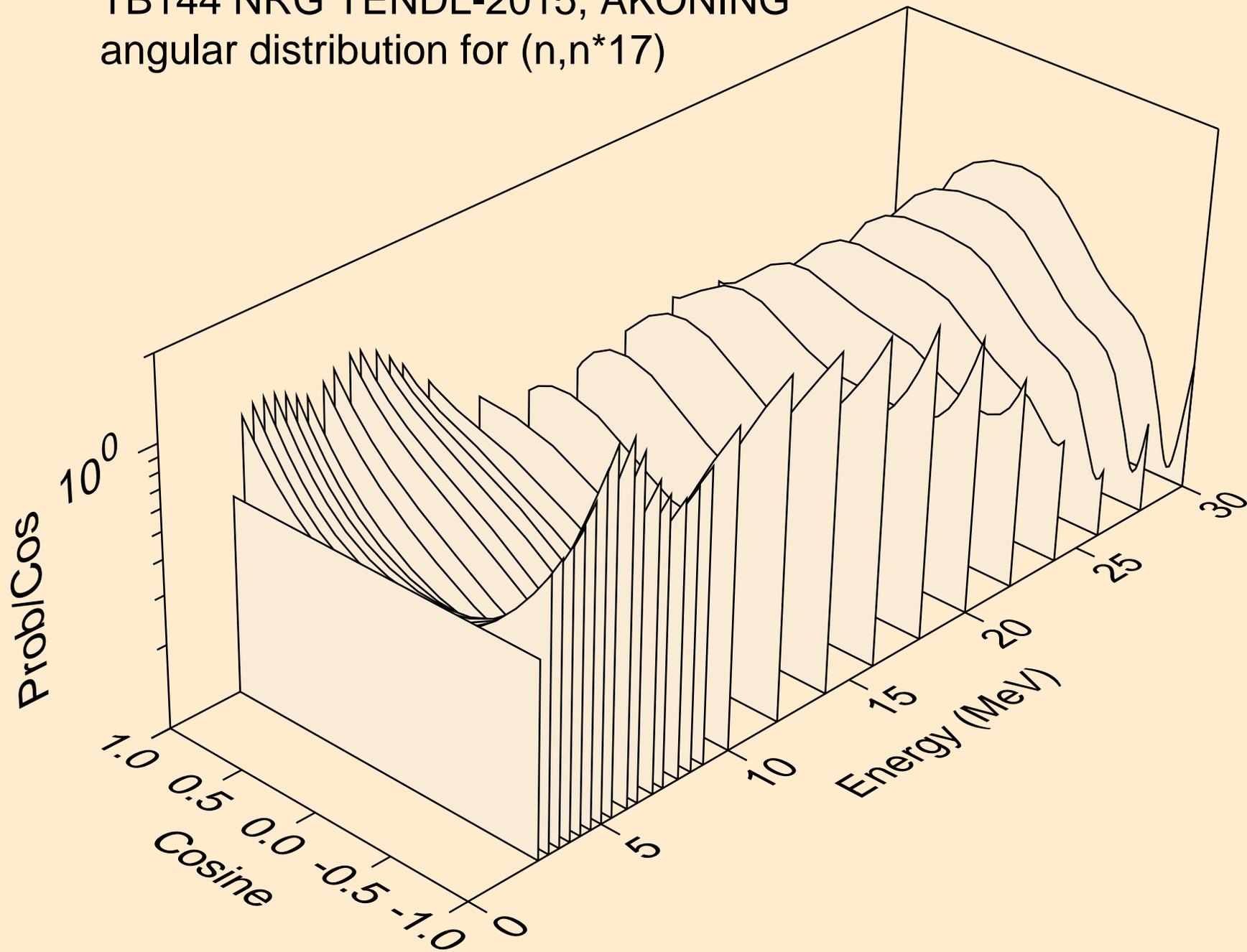
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



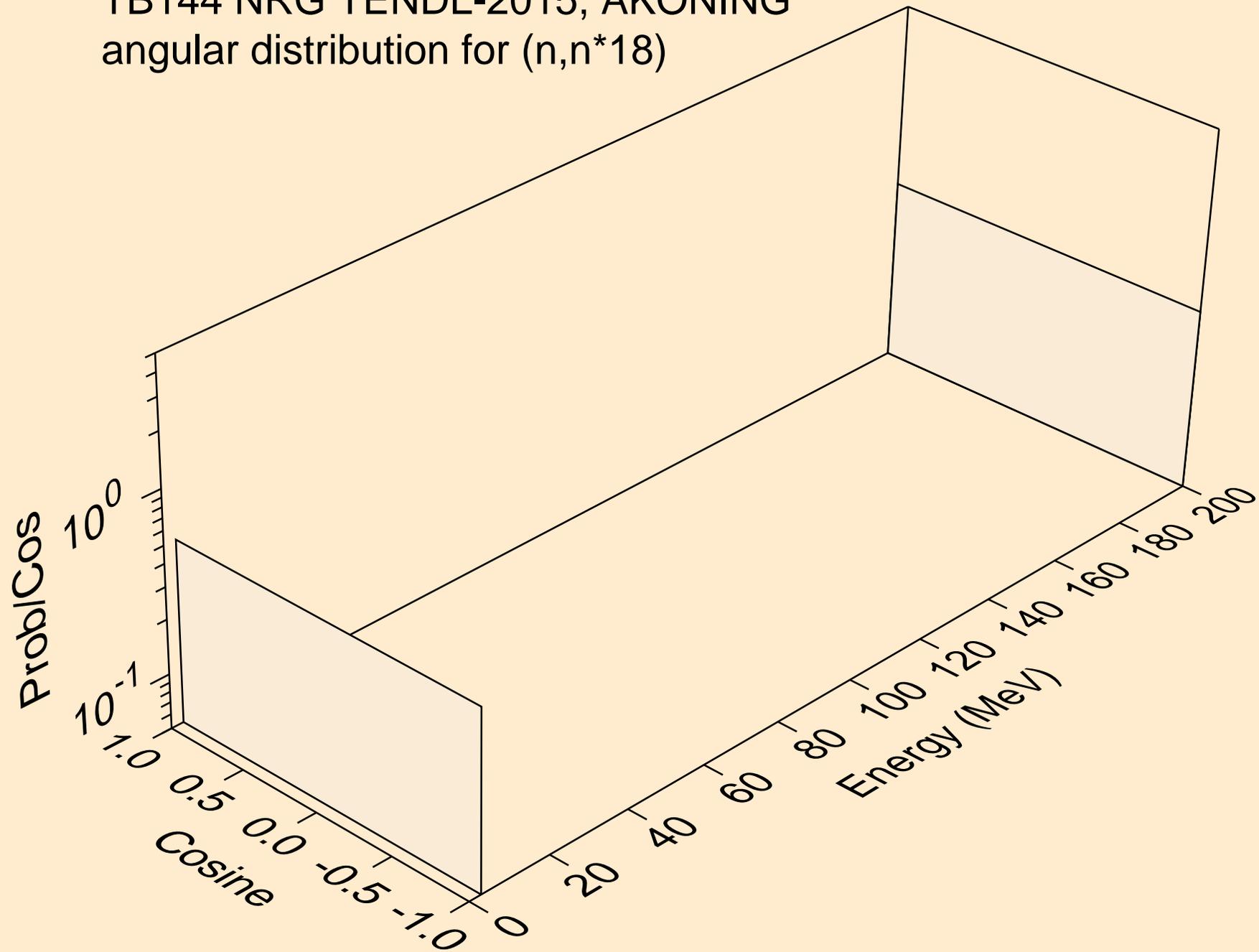
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



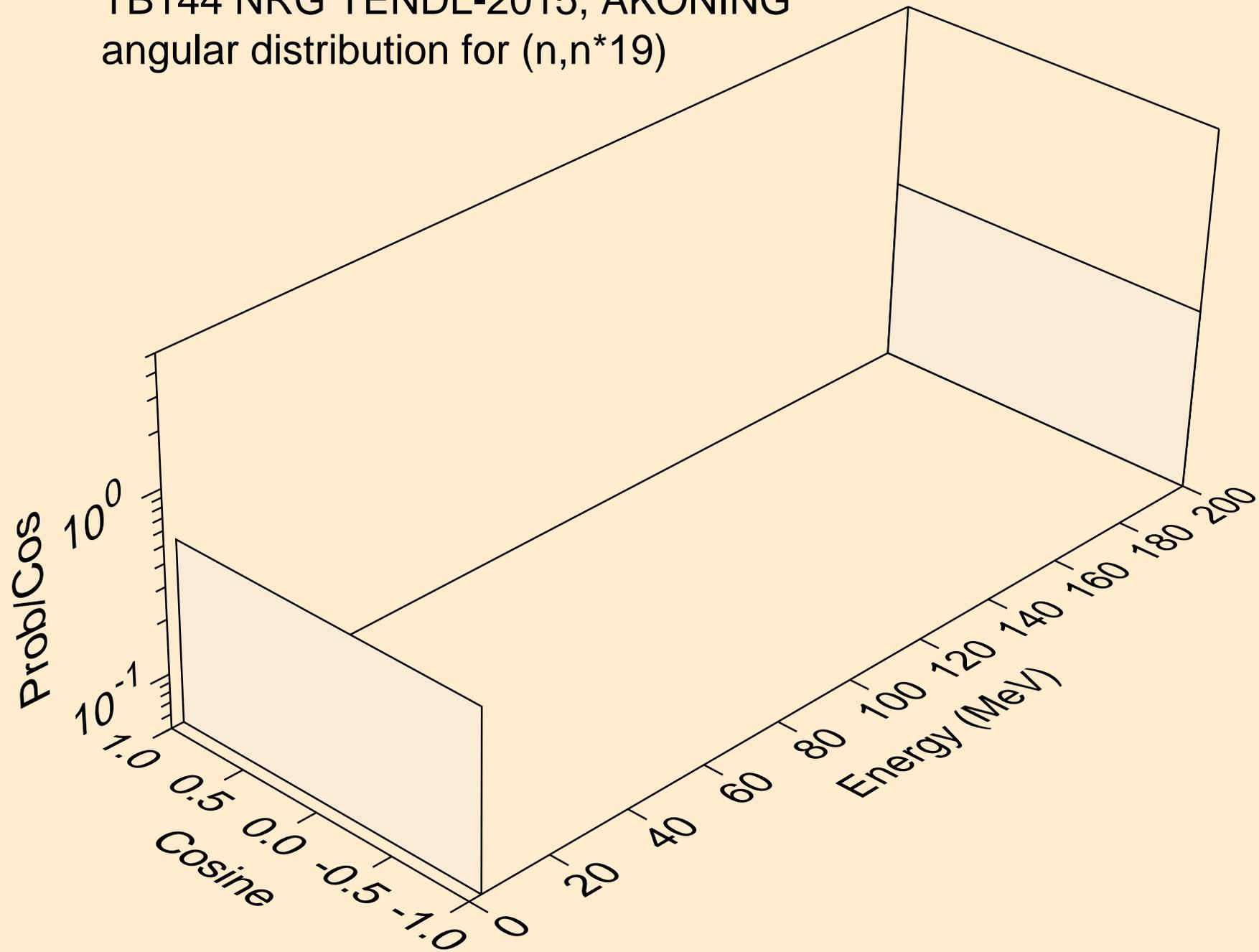
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



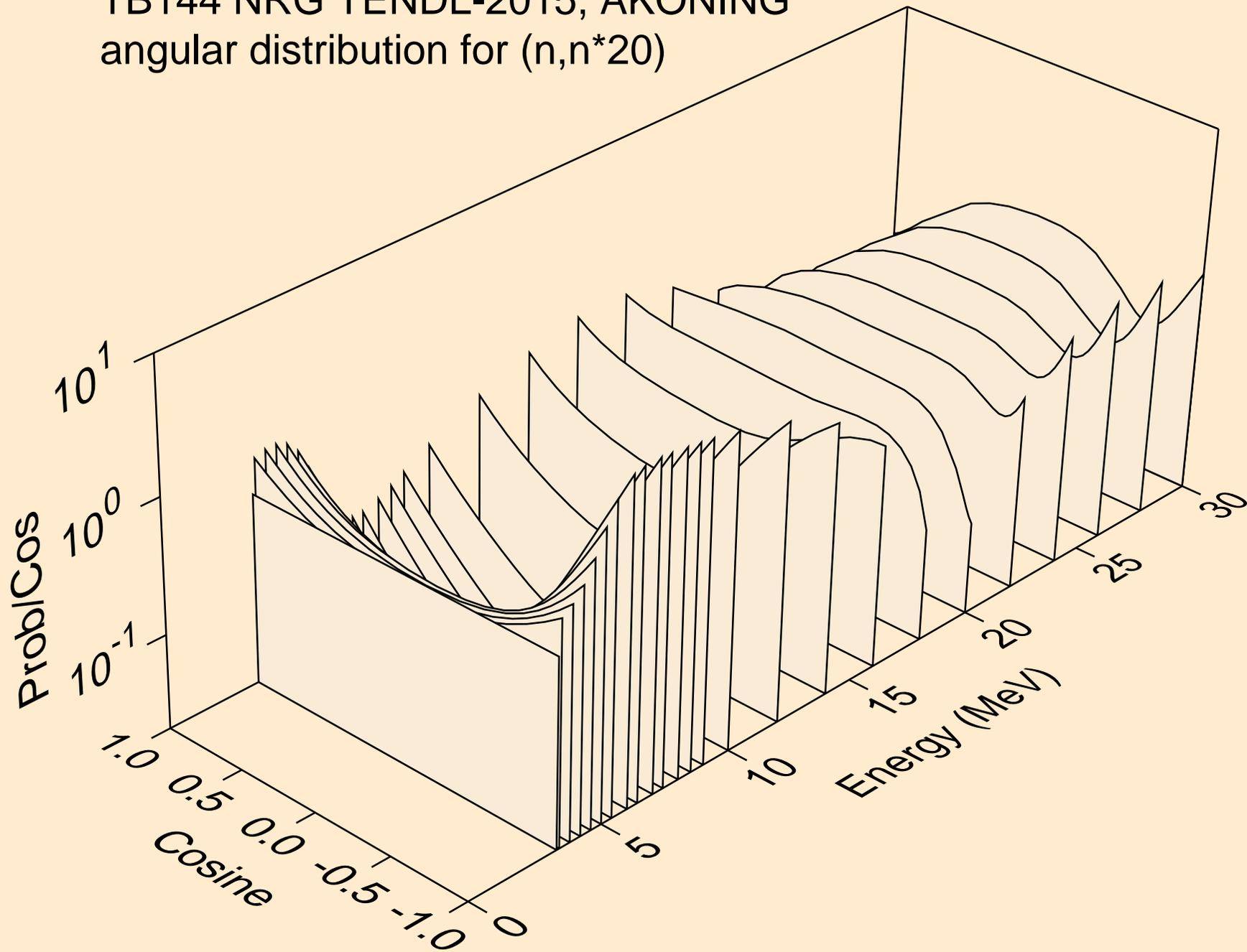
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



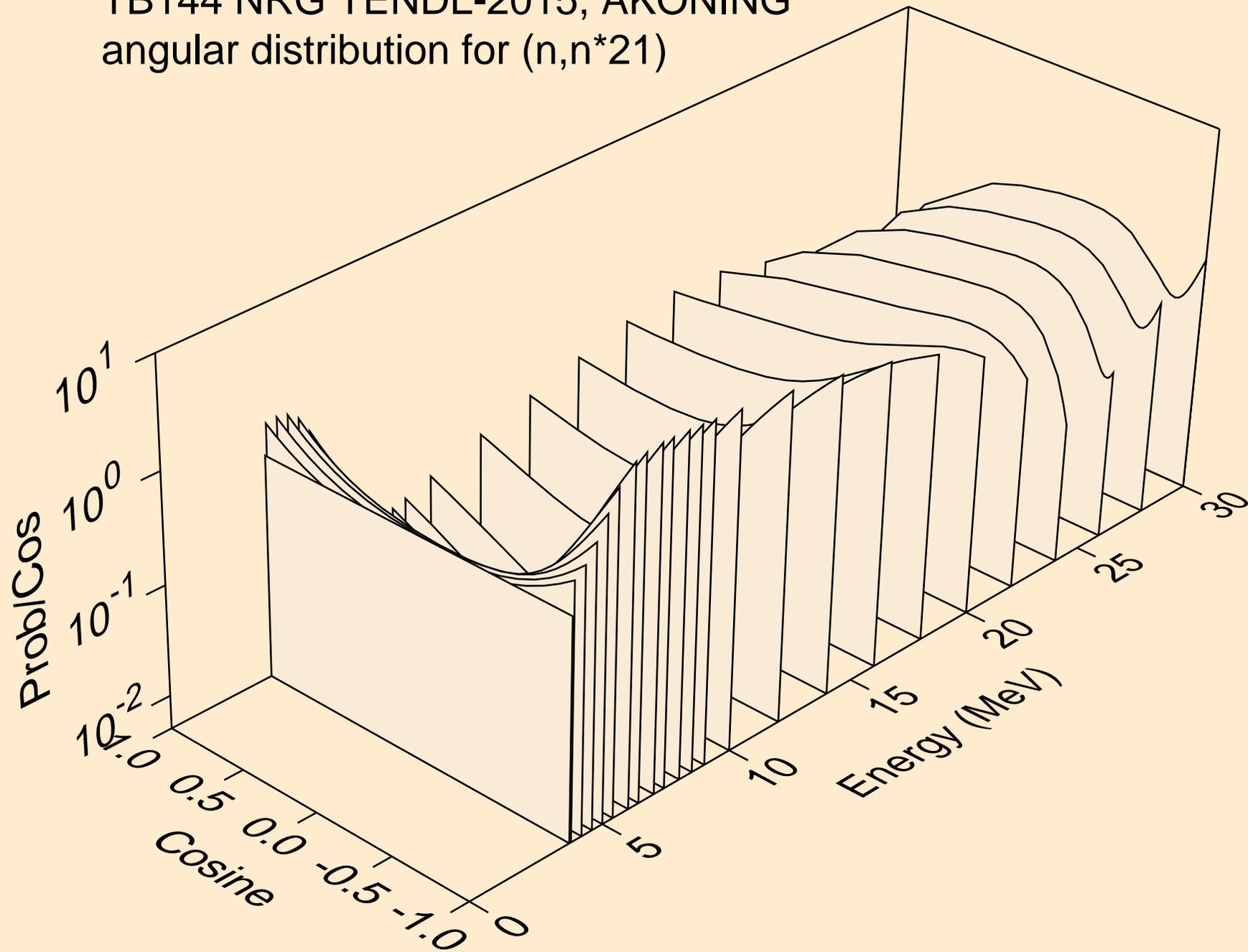
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



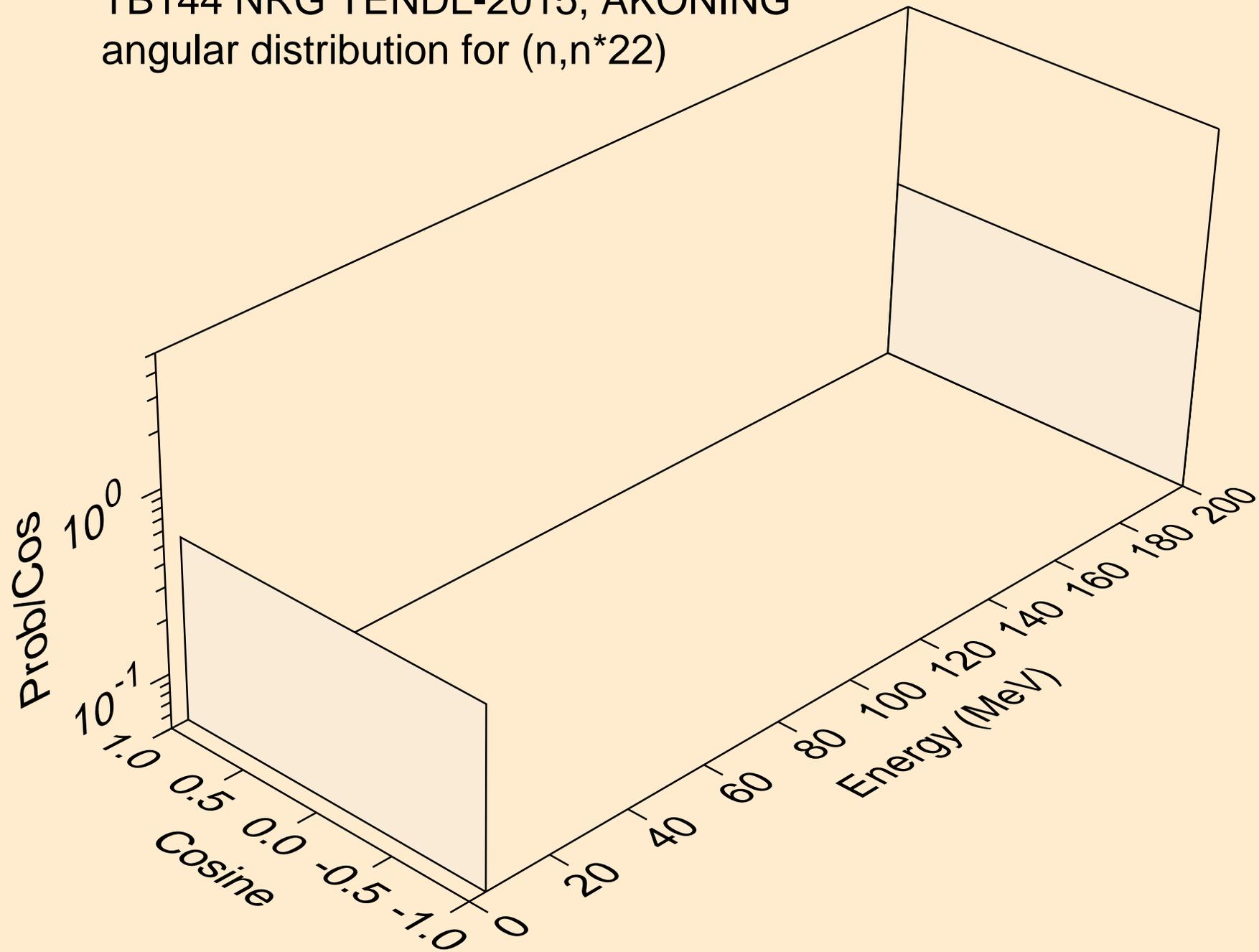
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



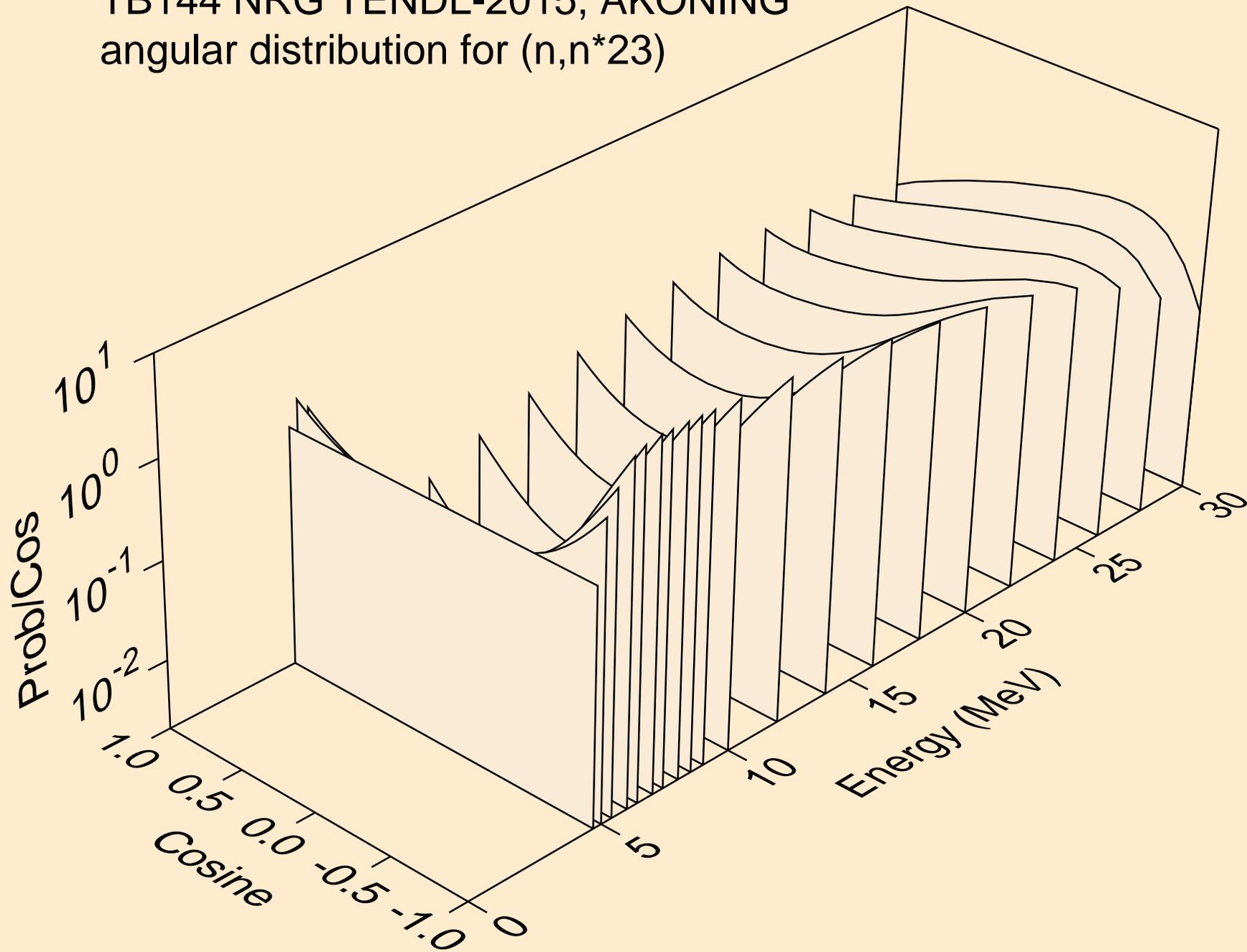
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



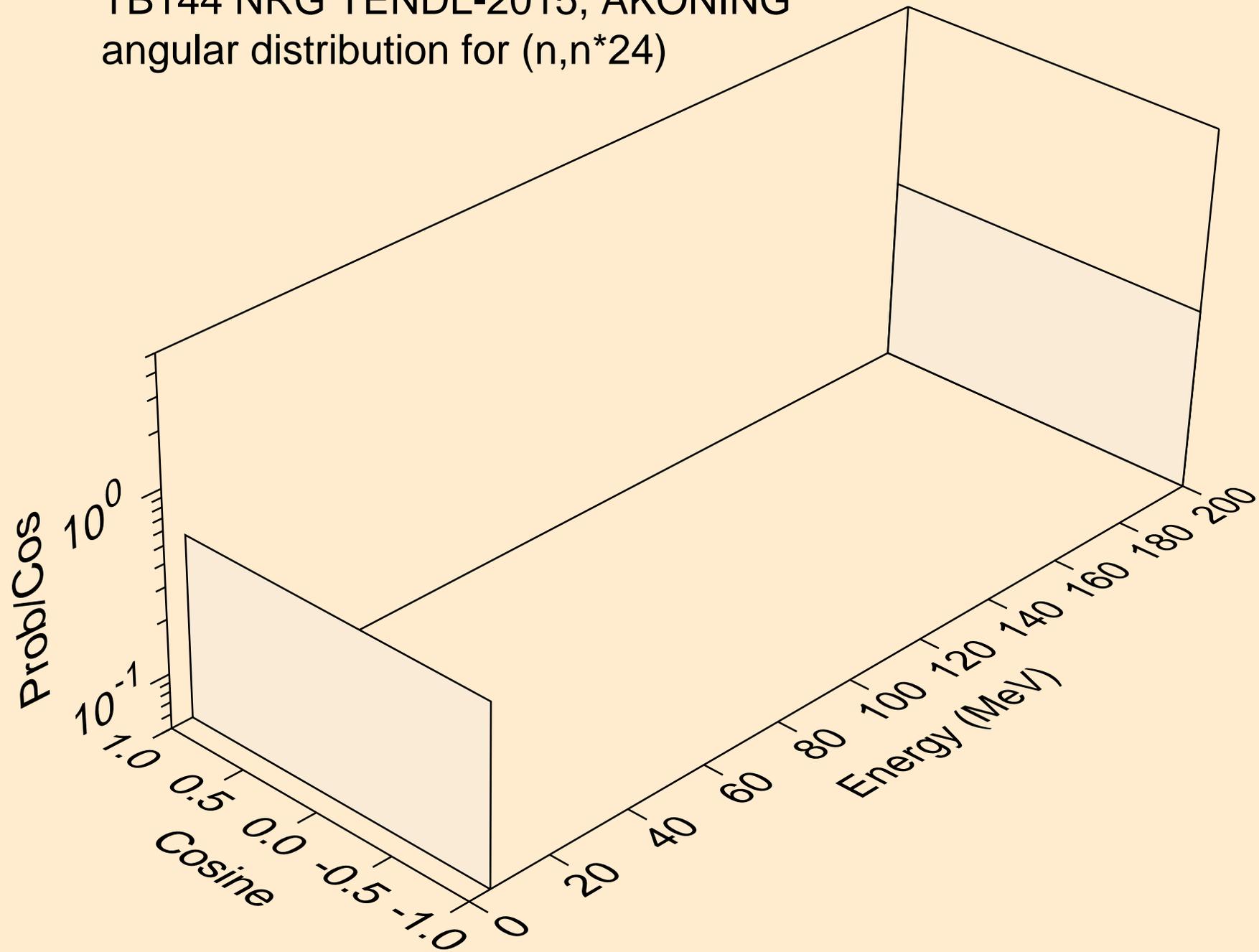
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



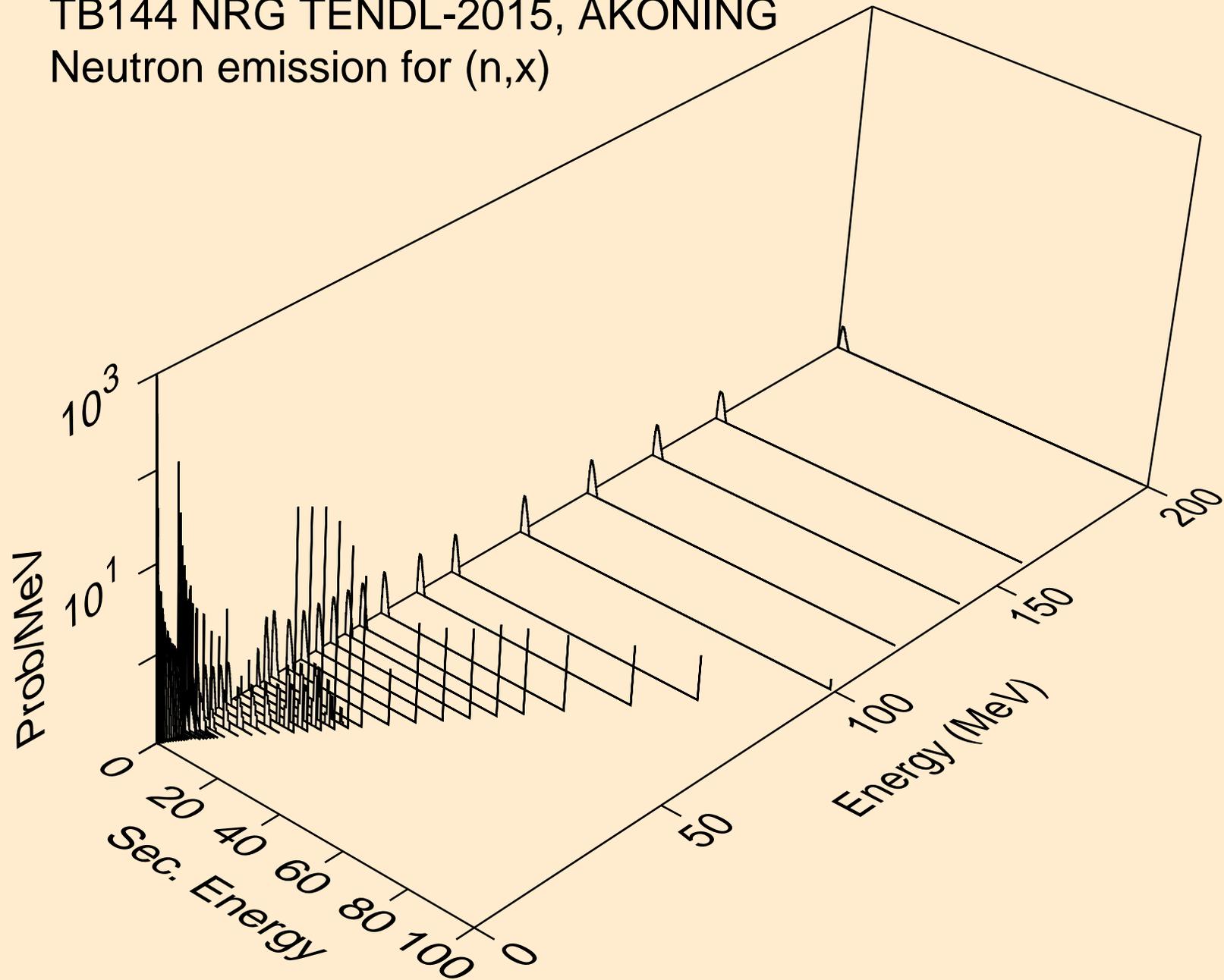
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



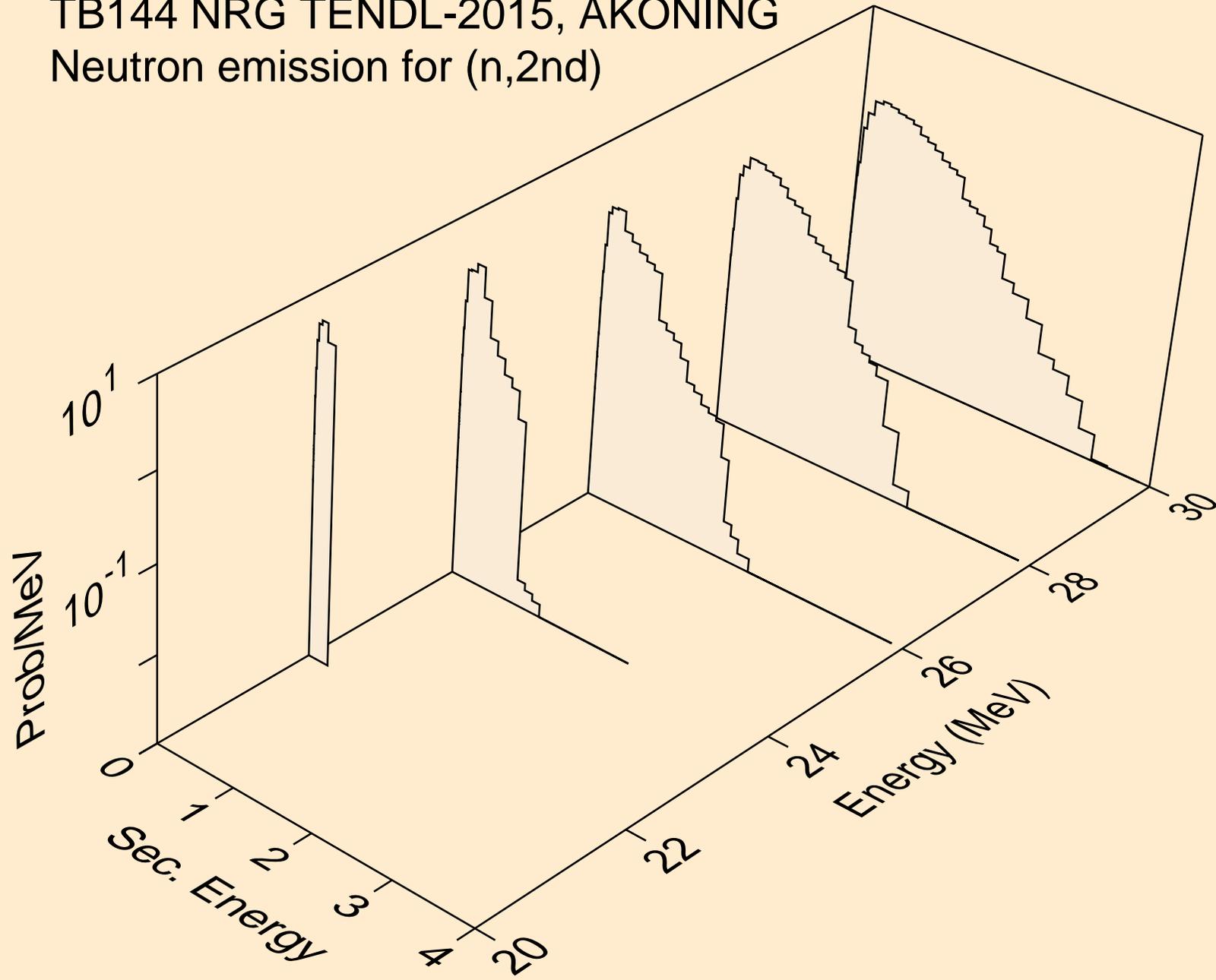
TB144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



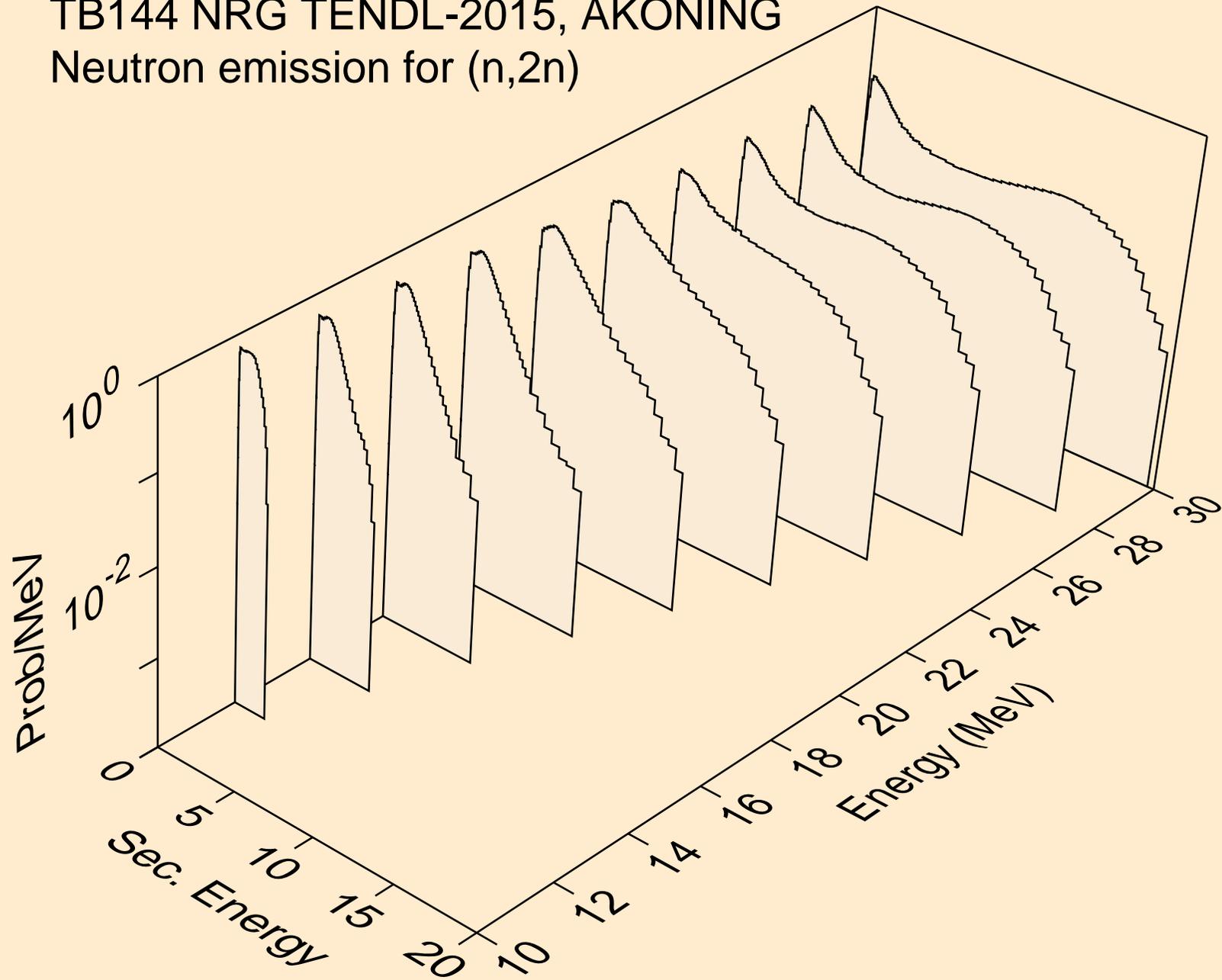
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



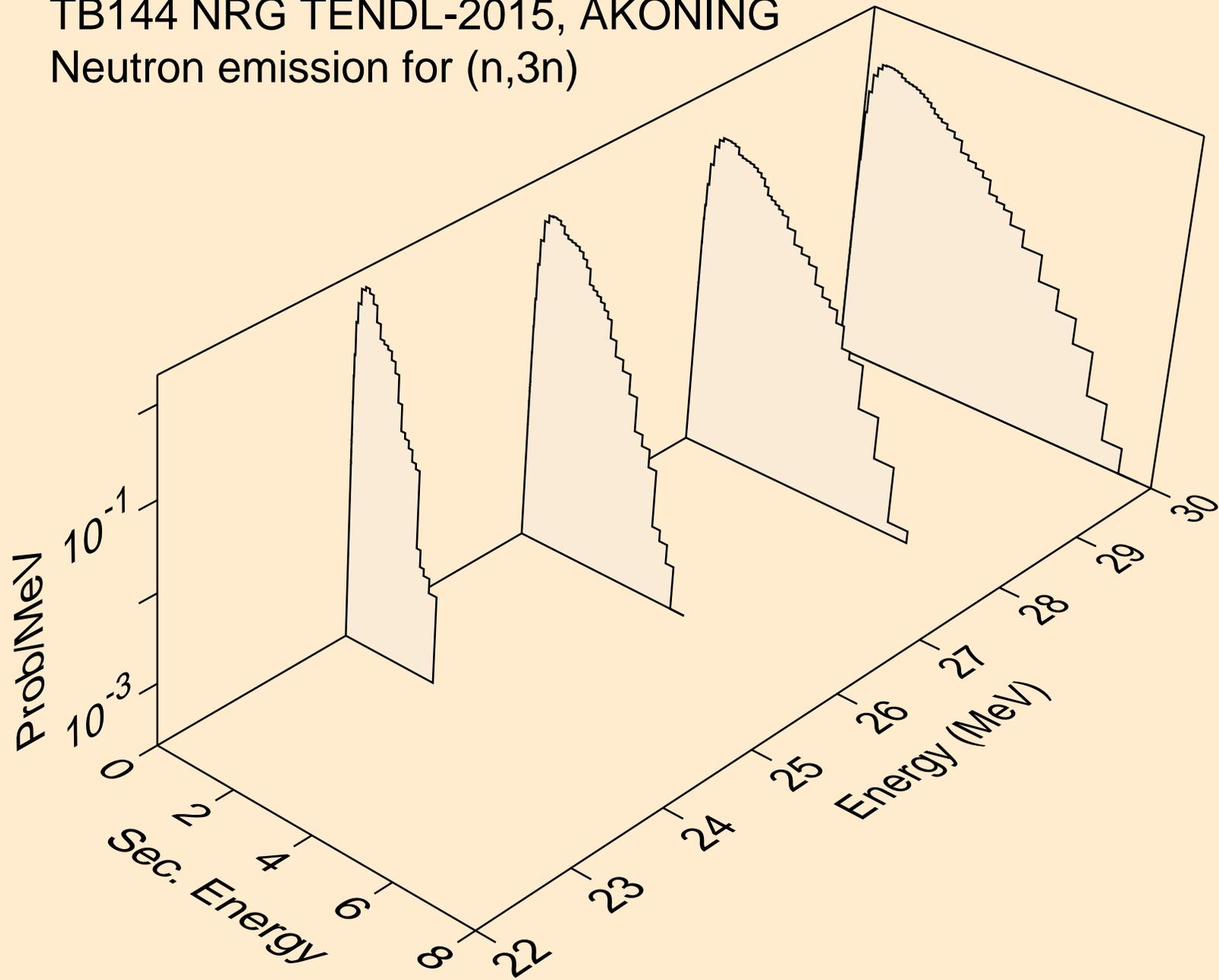
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



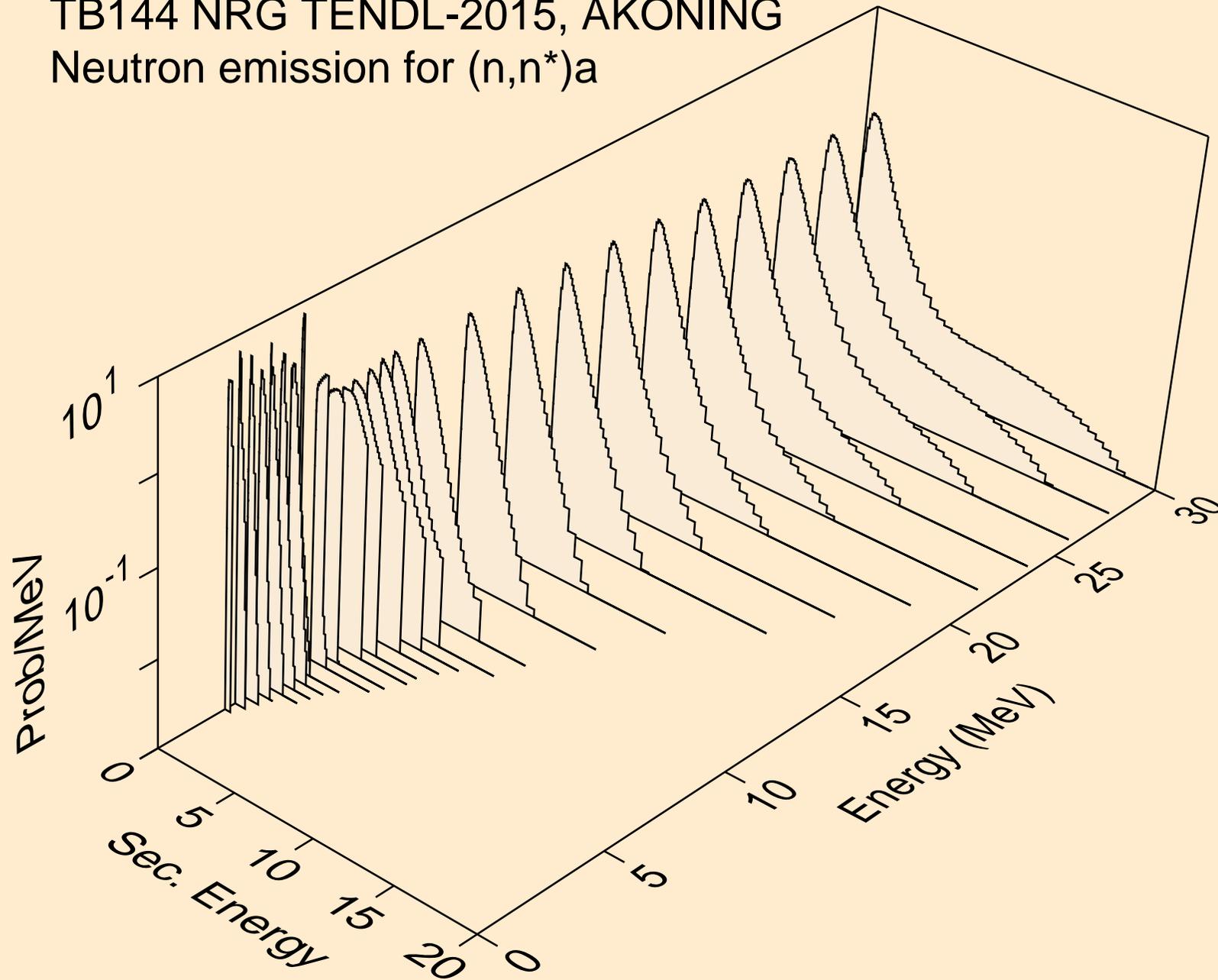
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



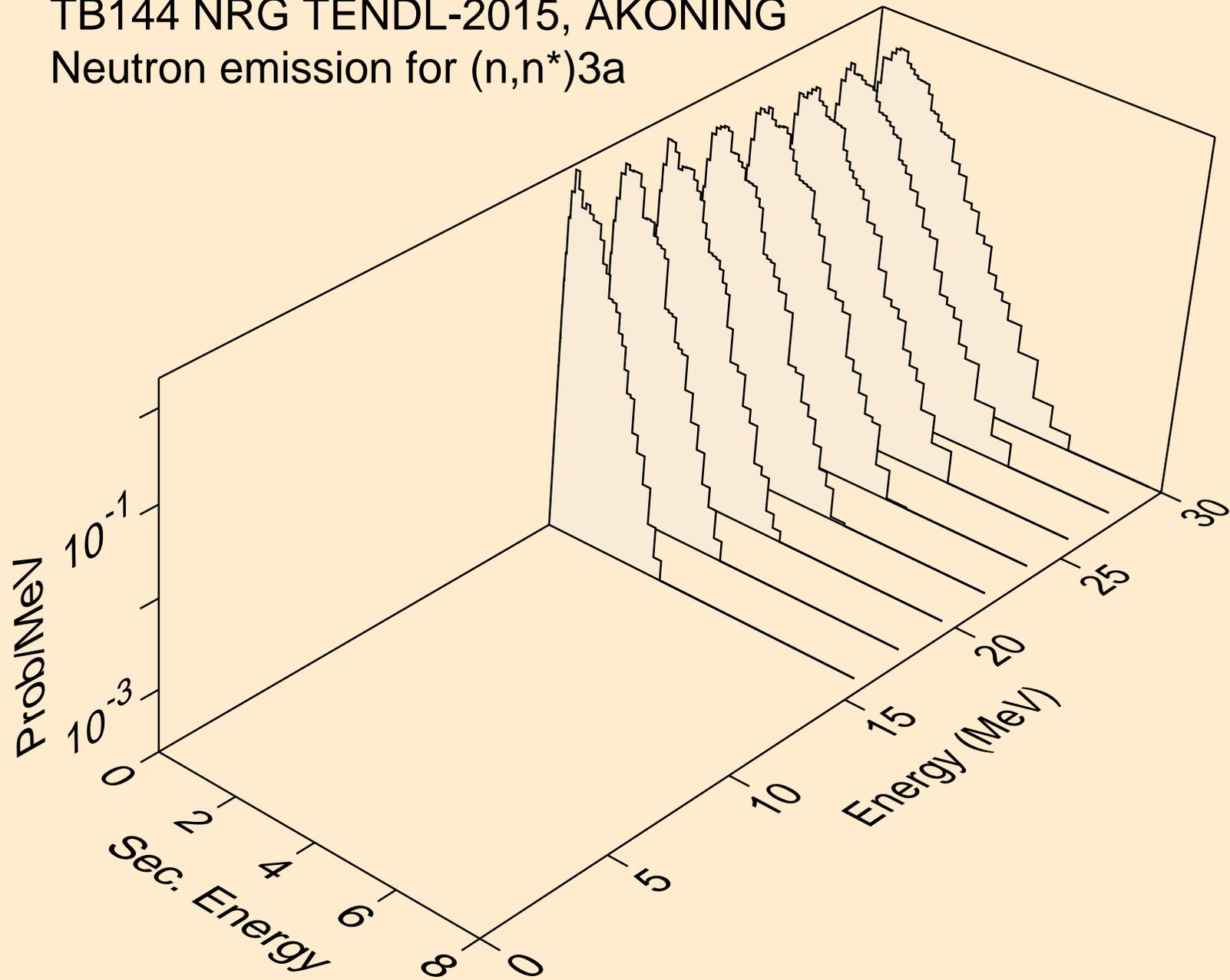
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



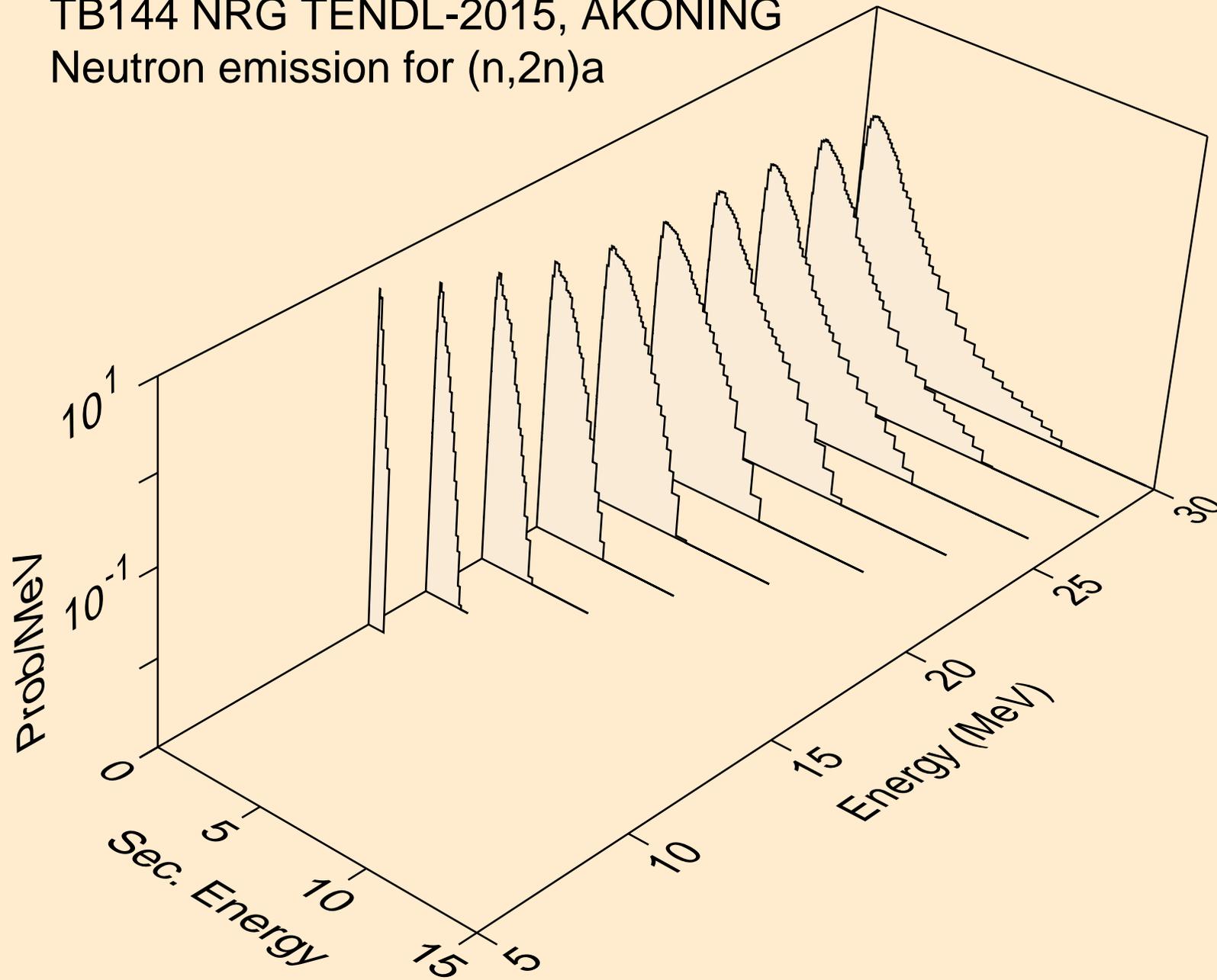
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



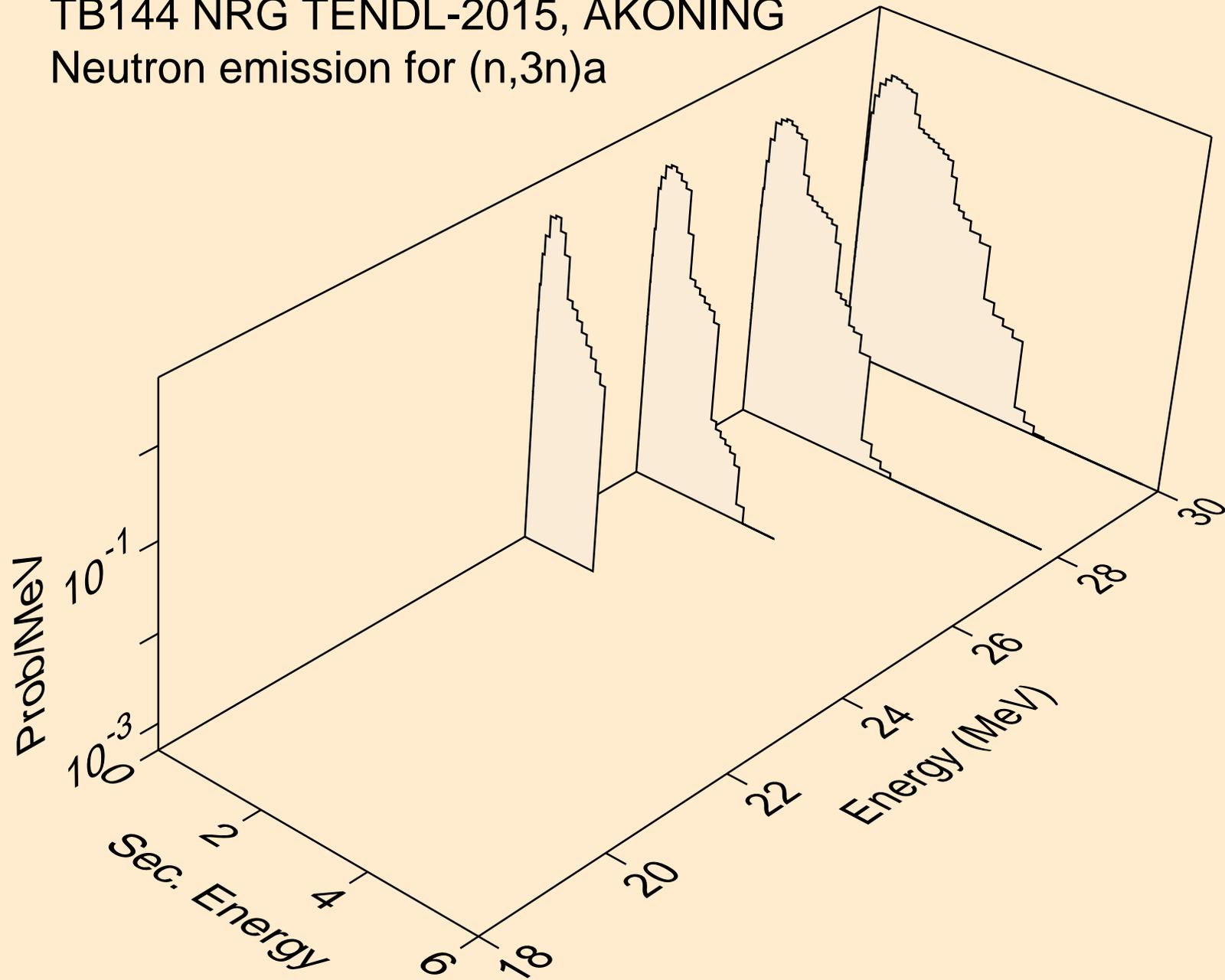
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



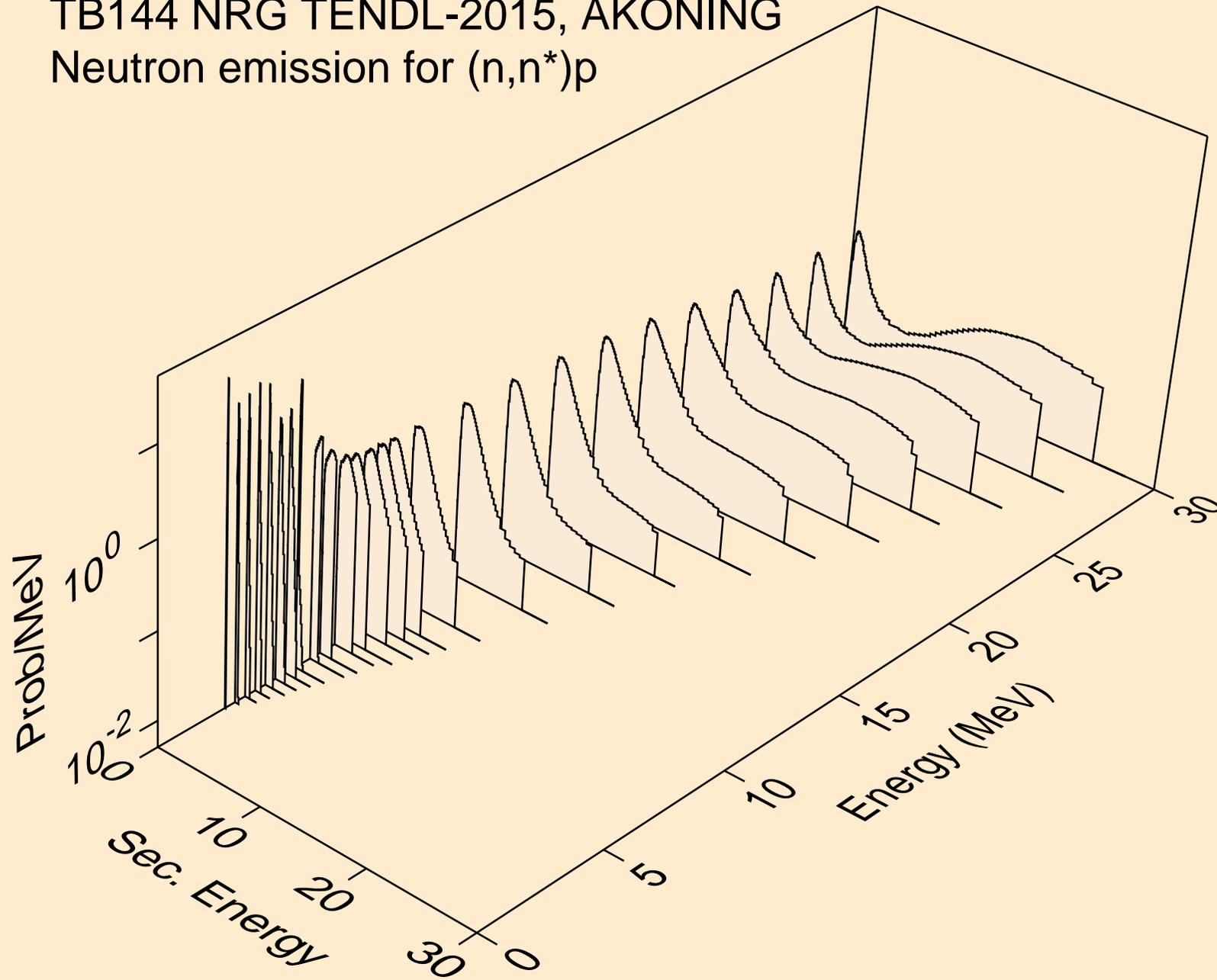
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



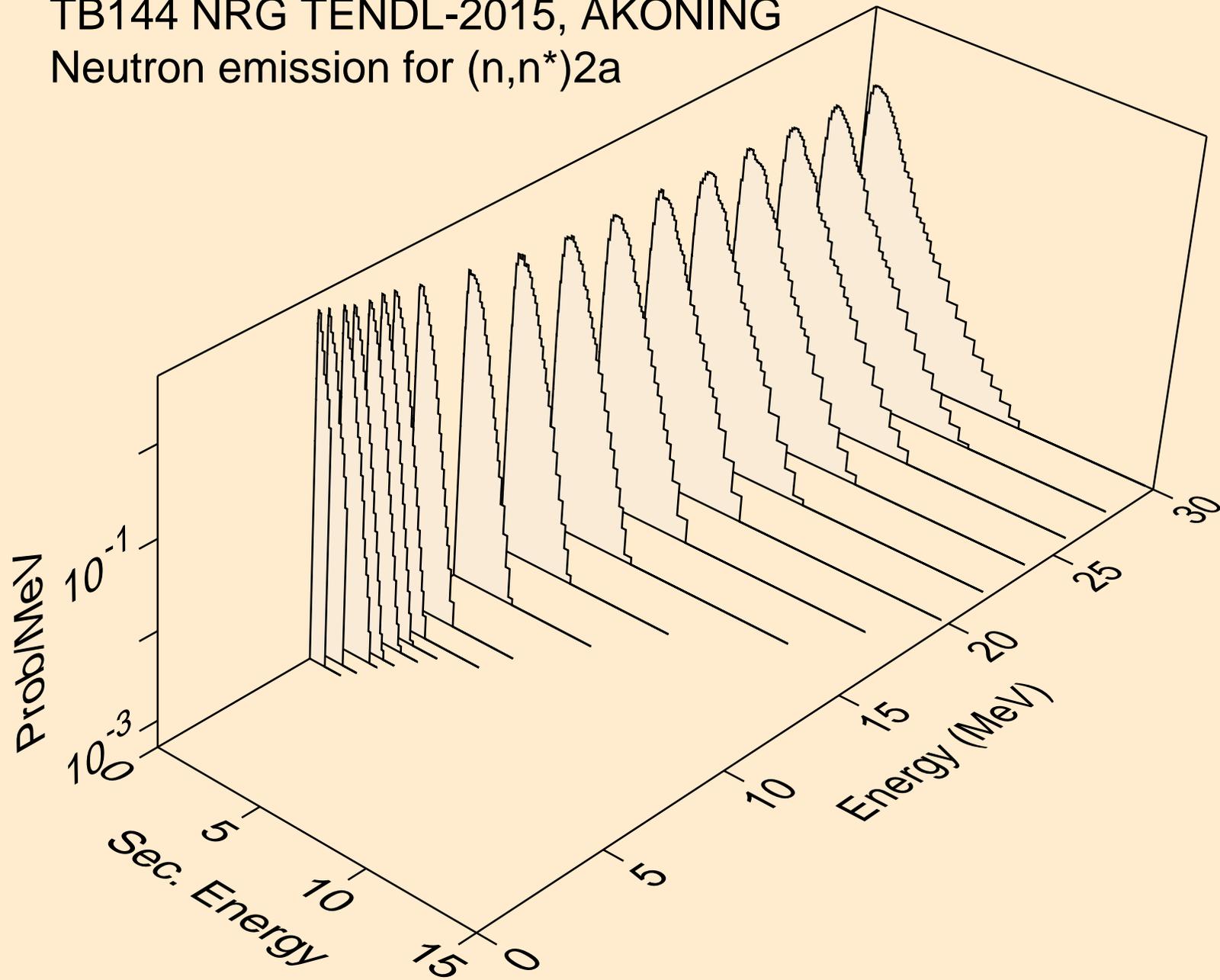
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



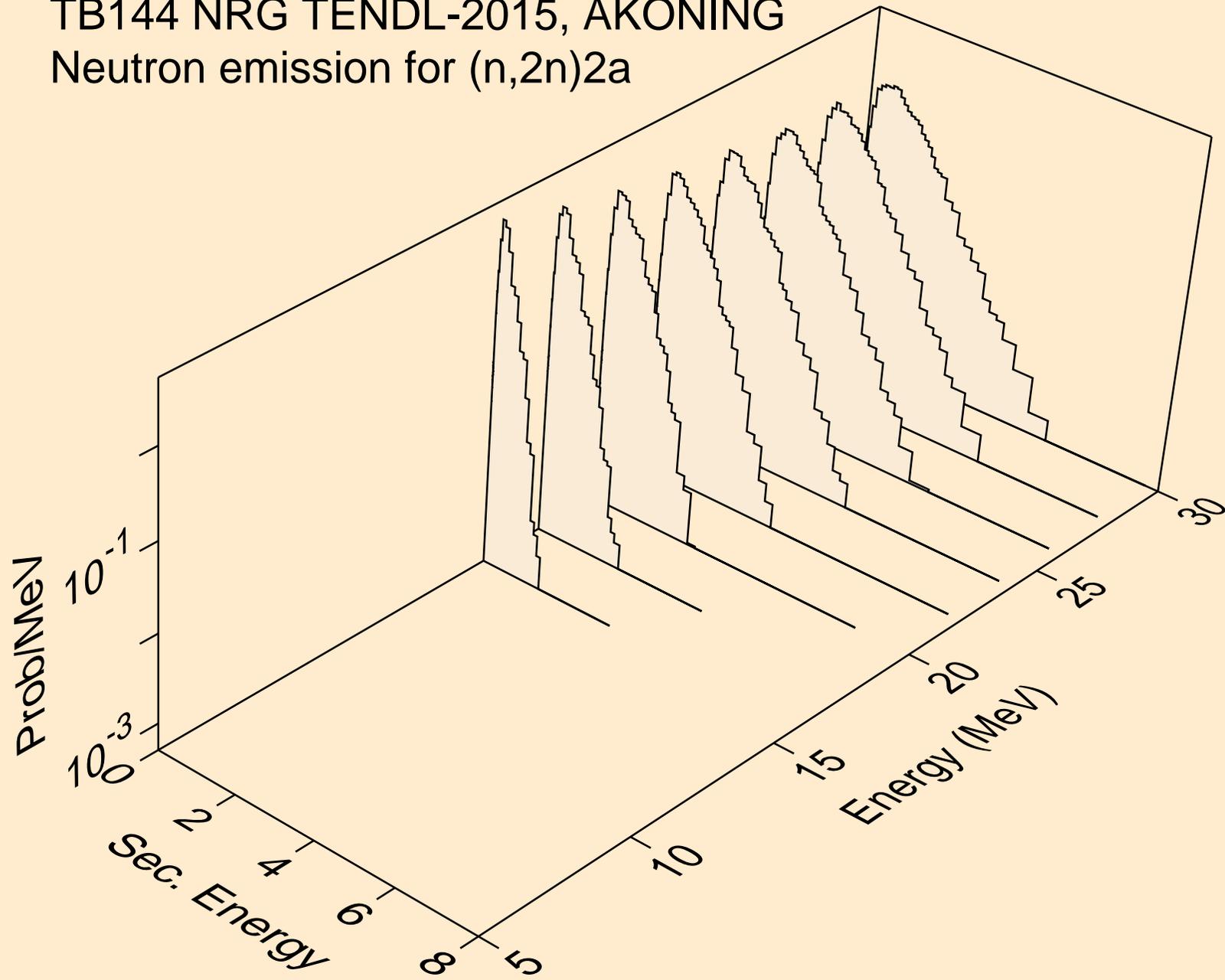
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



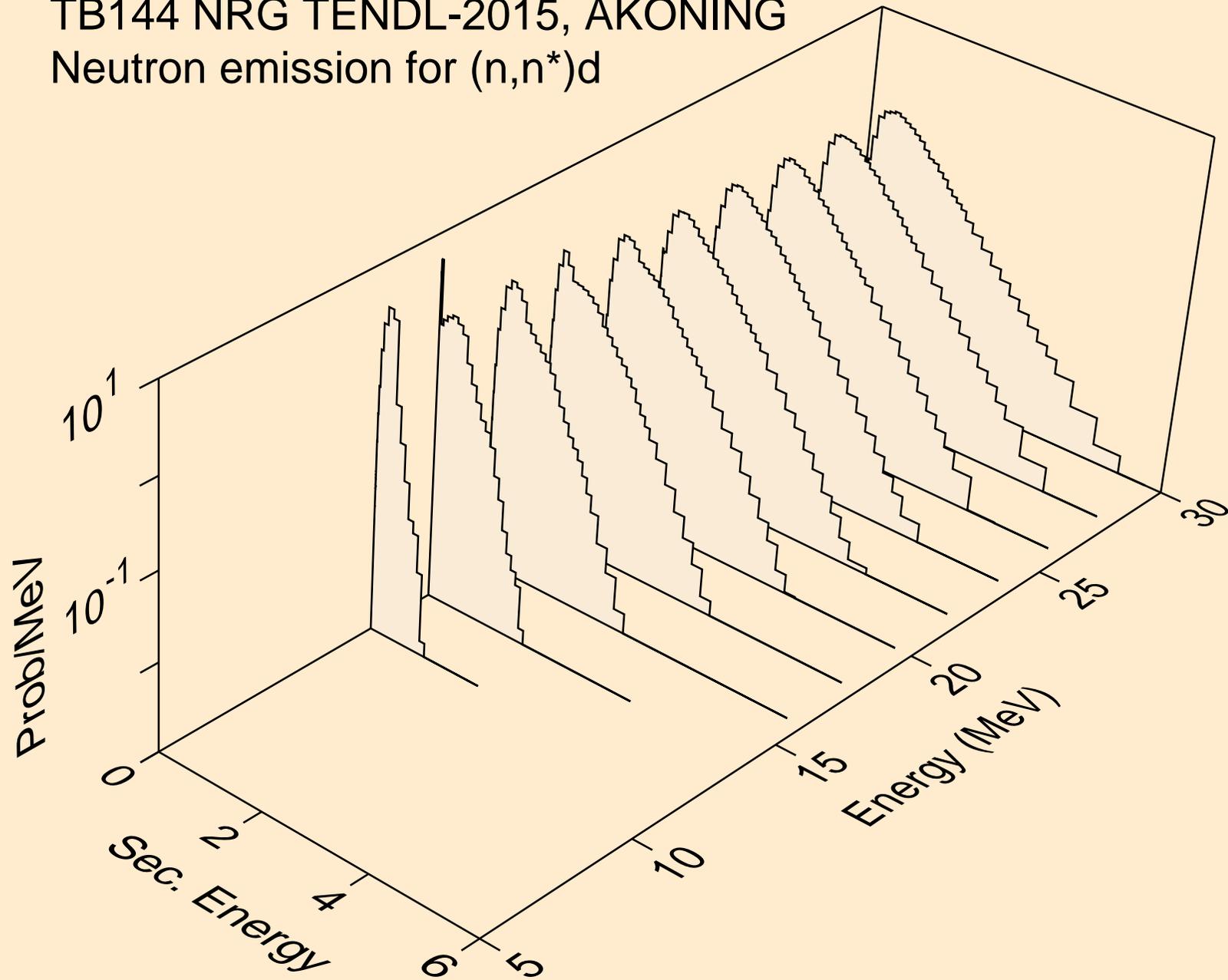
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



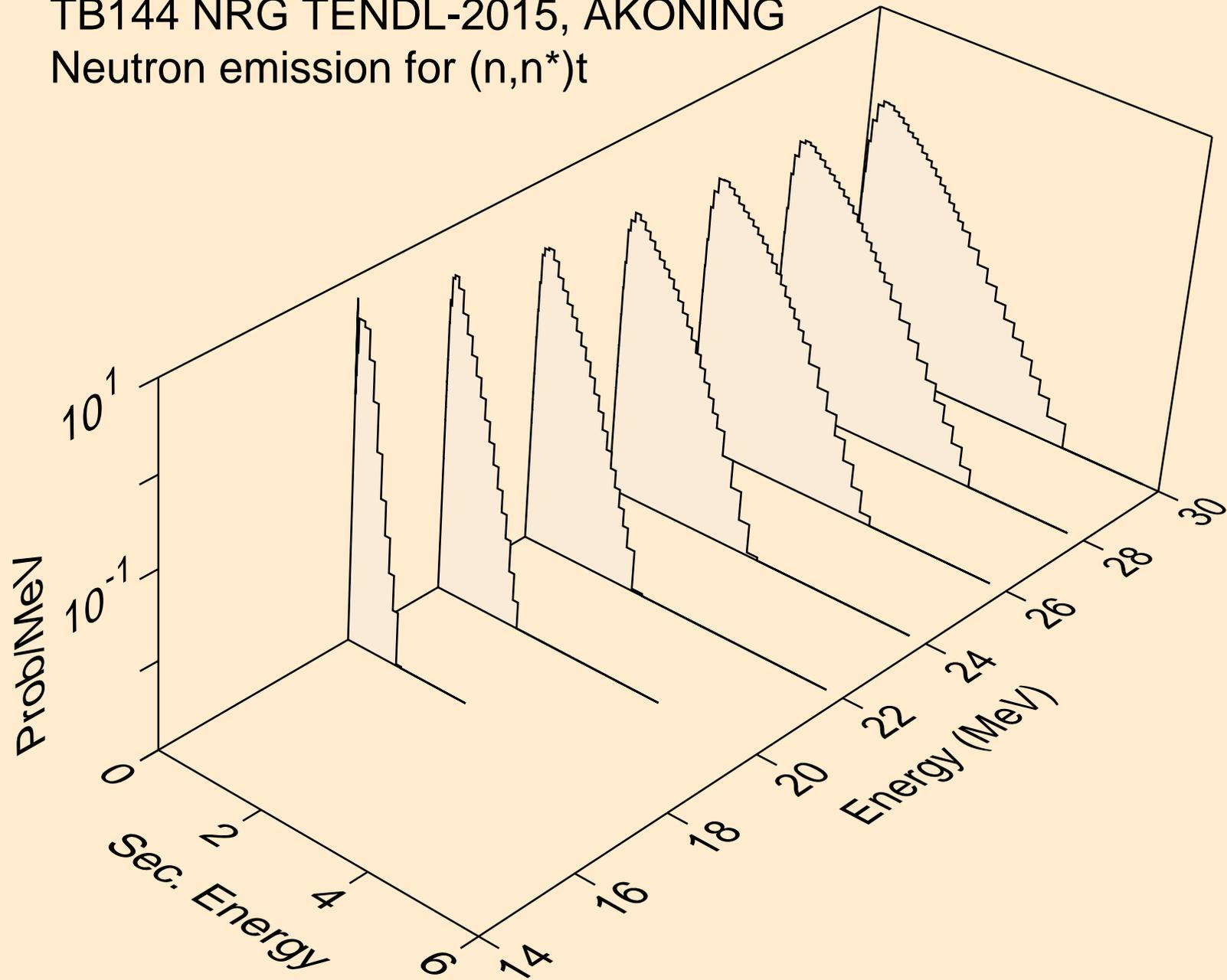
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



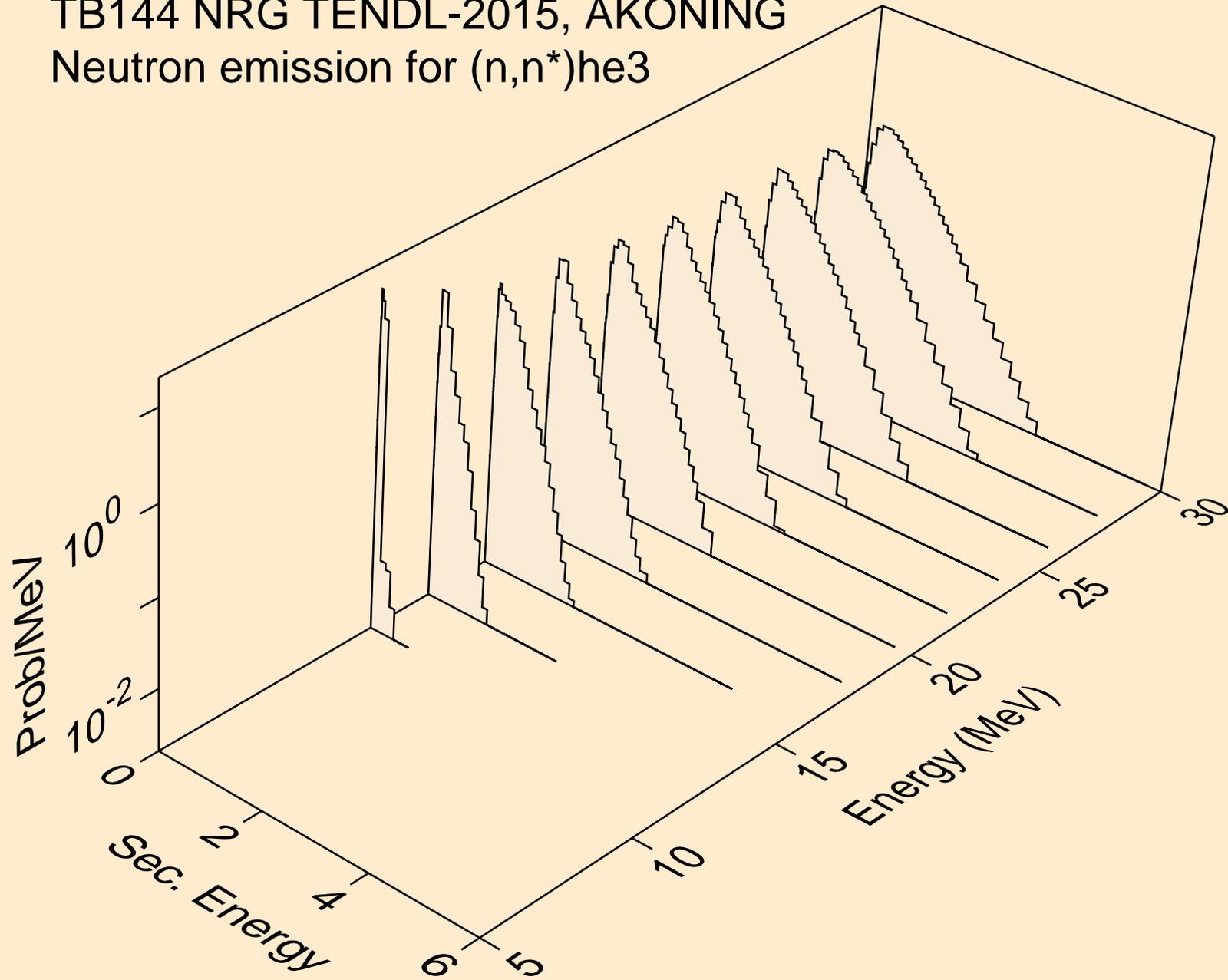
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



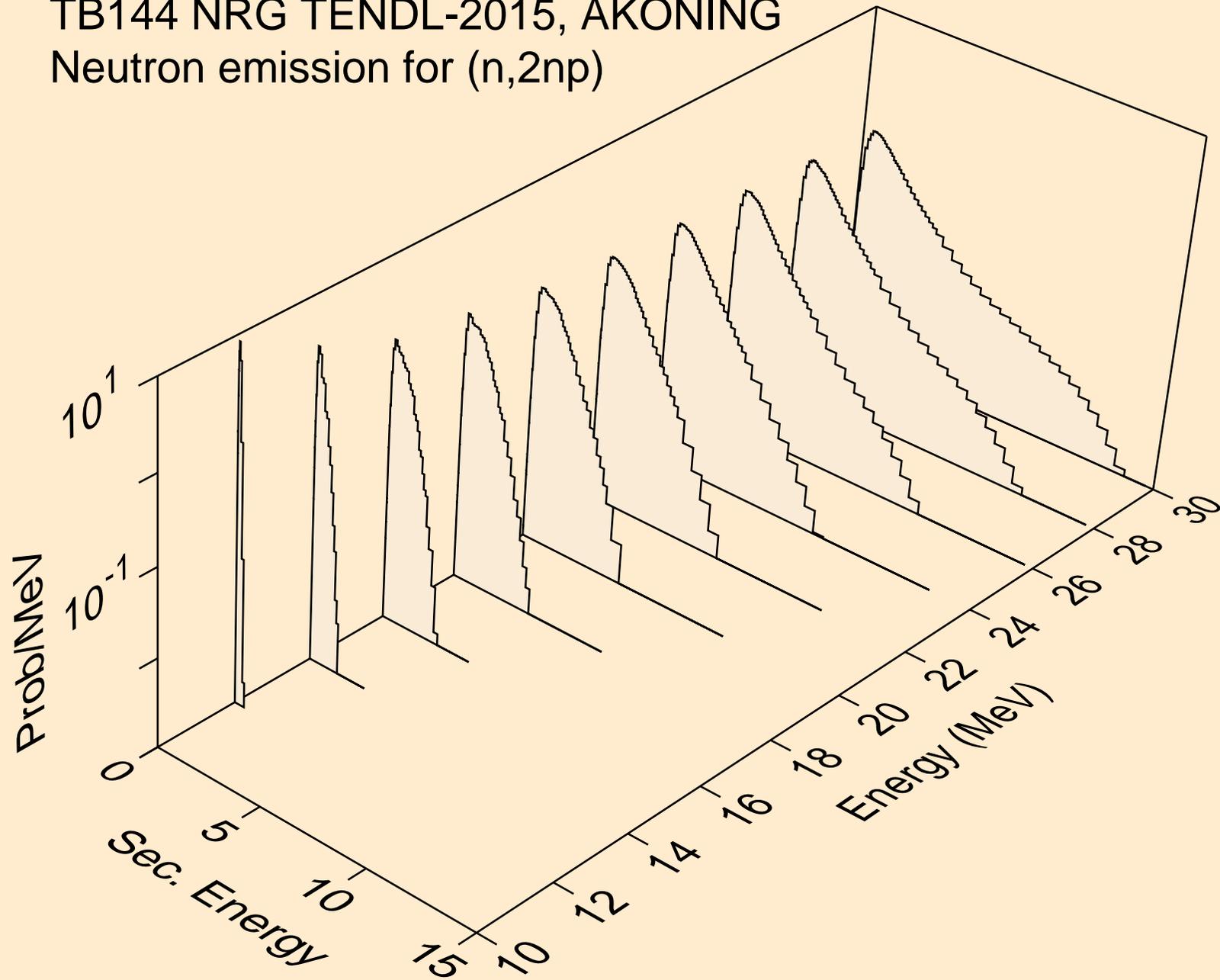
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



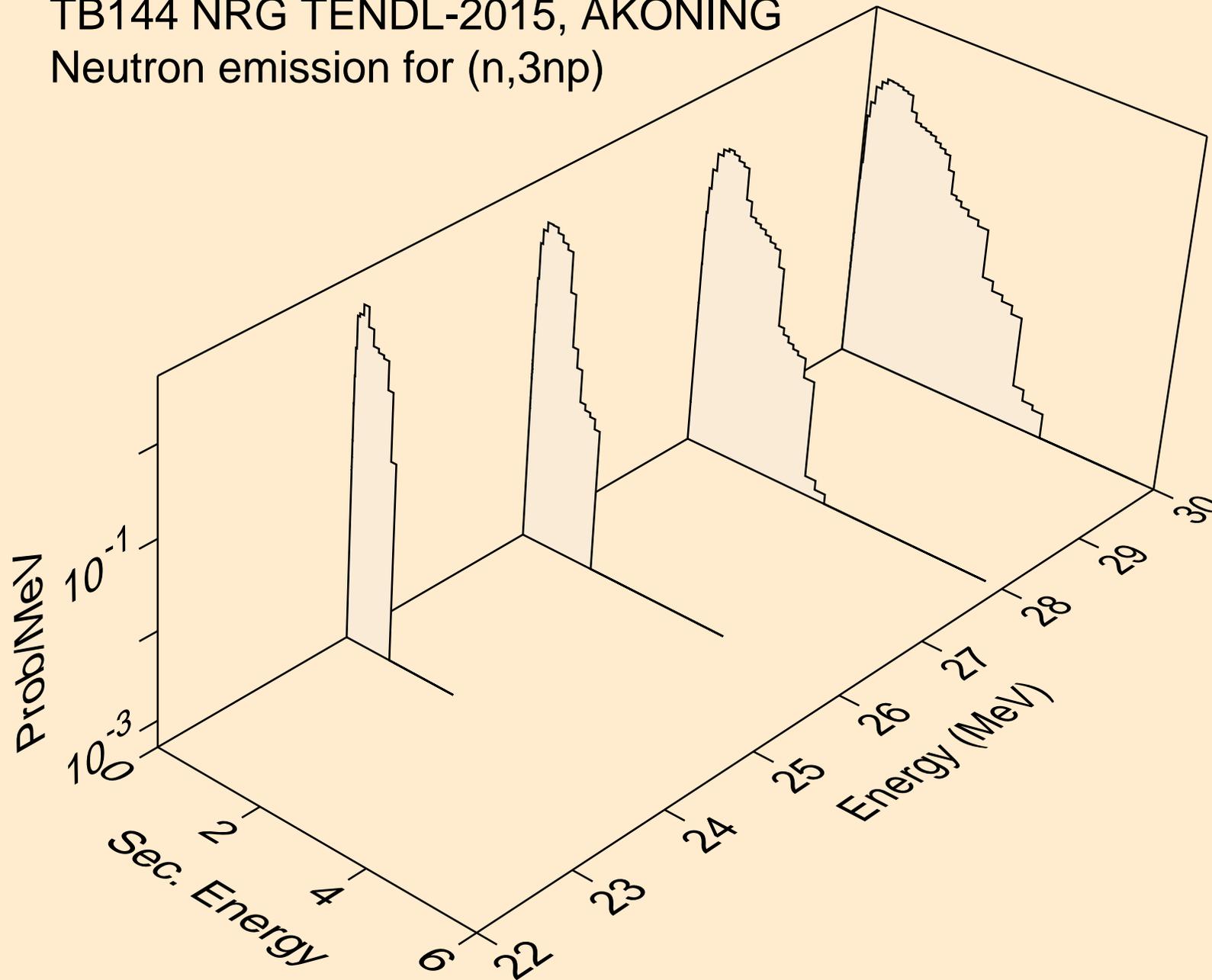
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



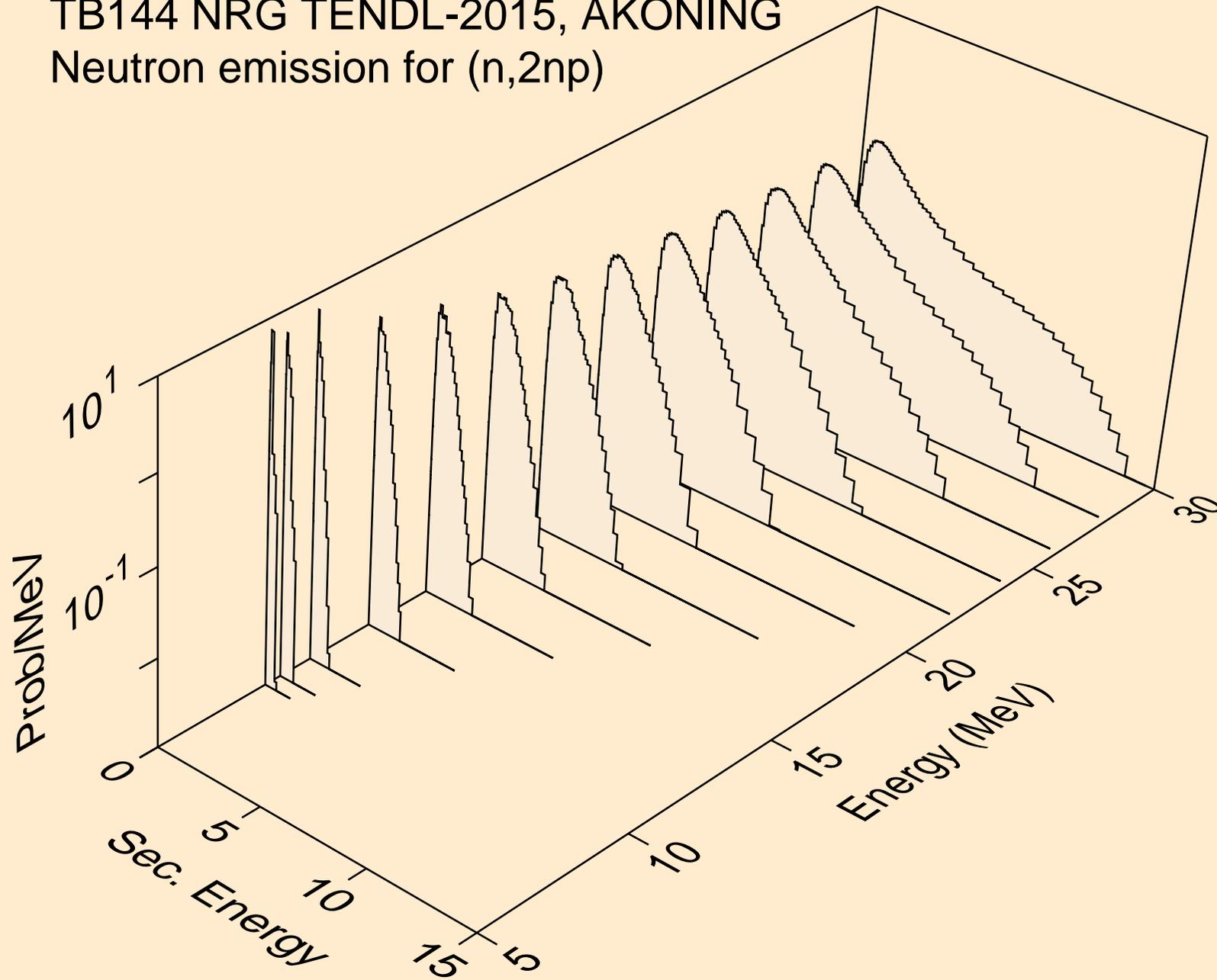
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



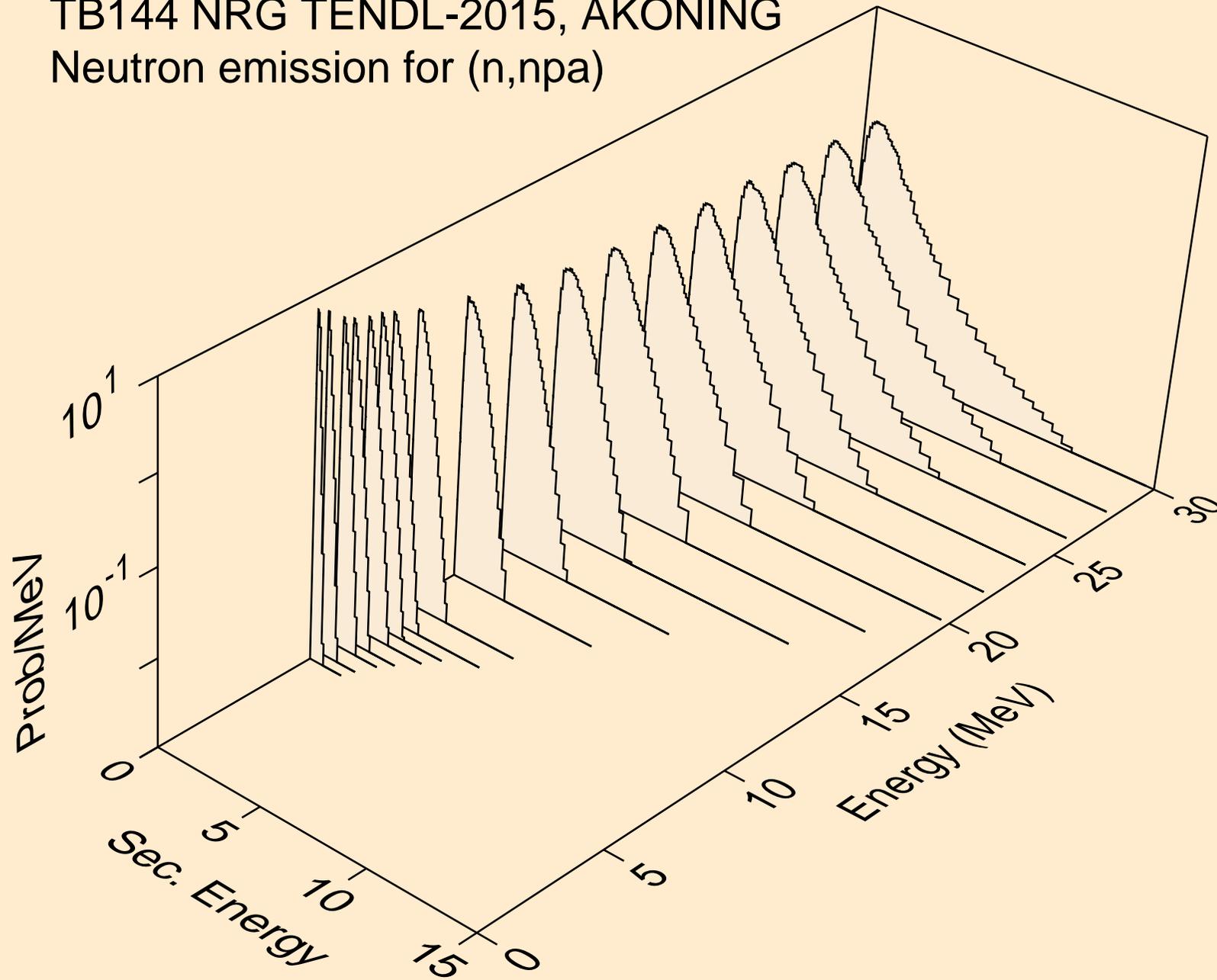
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



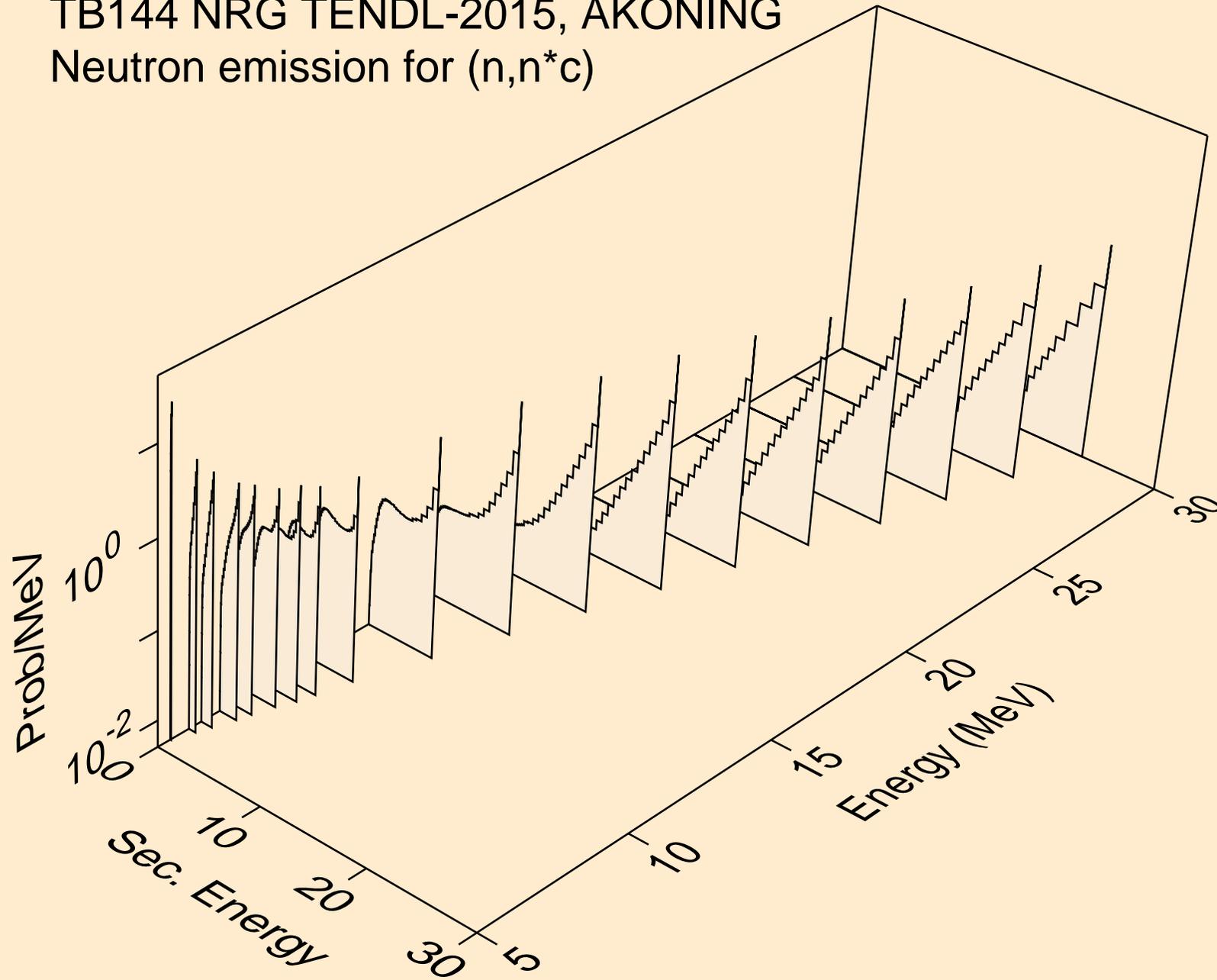
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



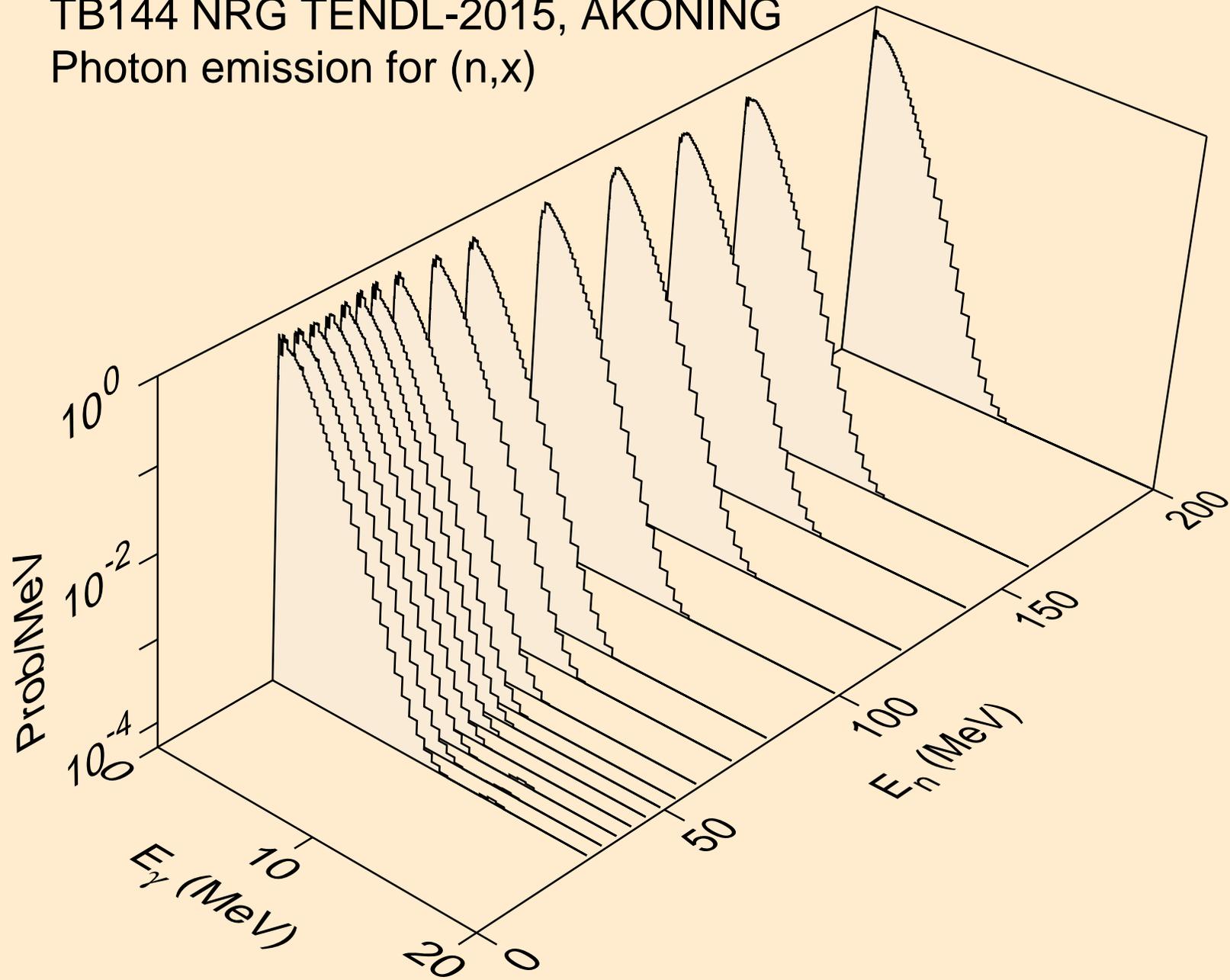
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



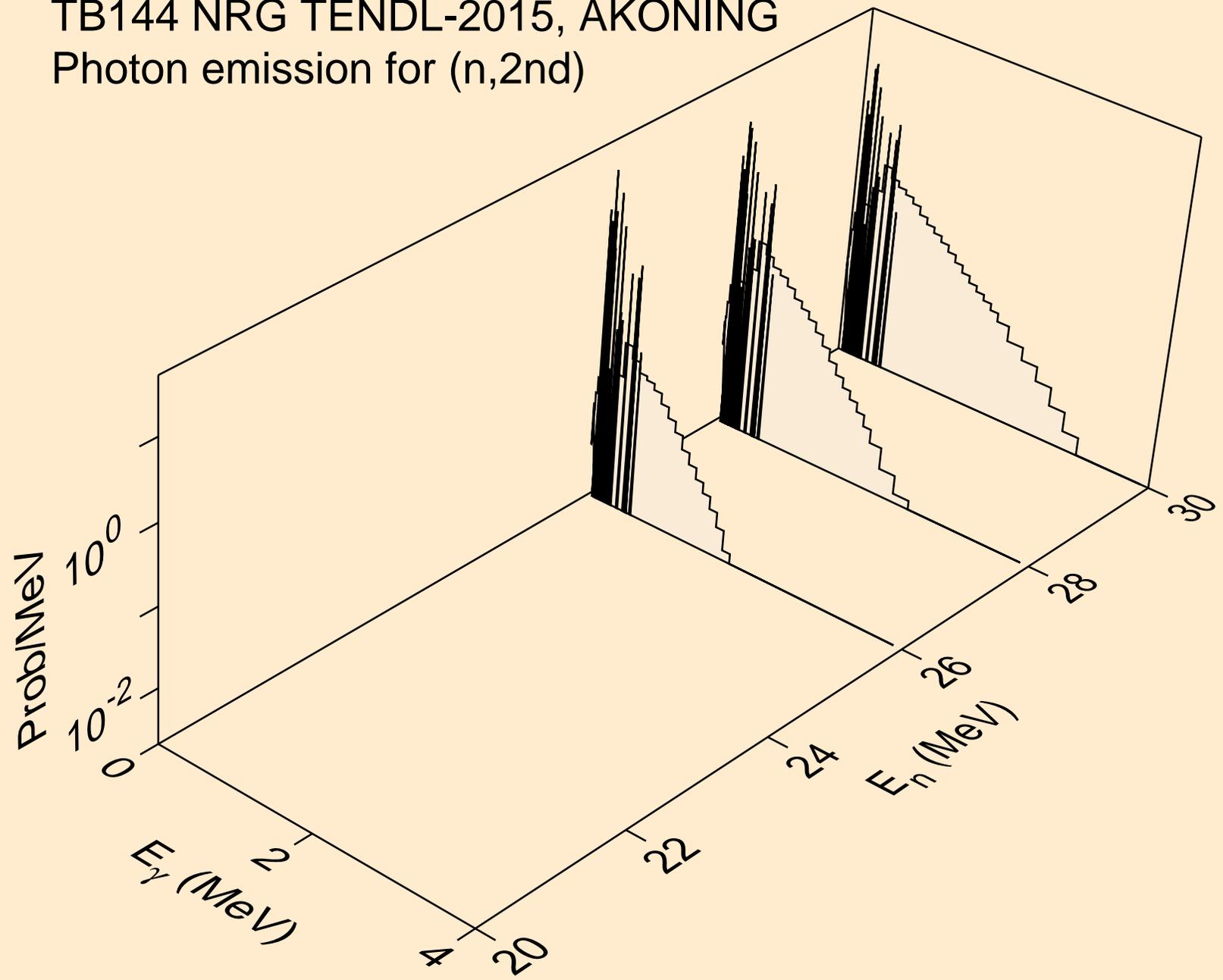
TB144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



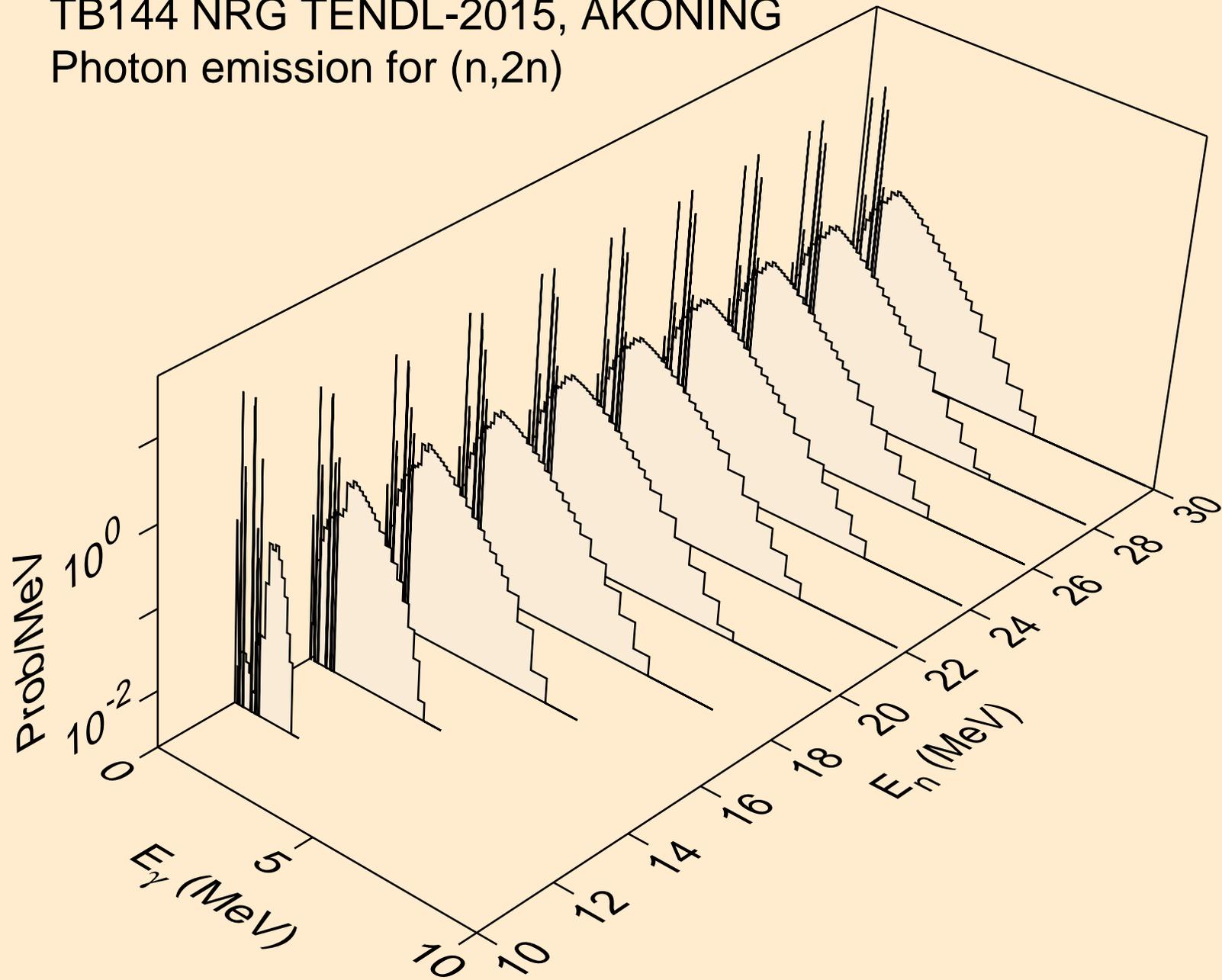
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



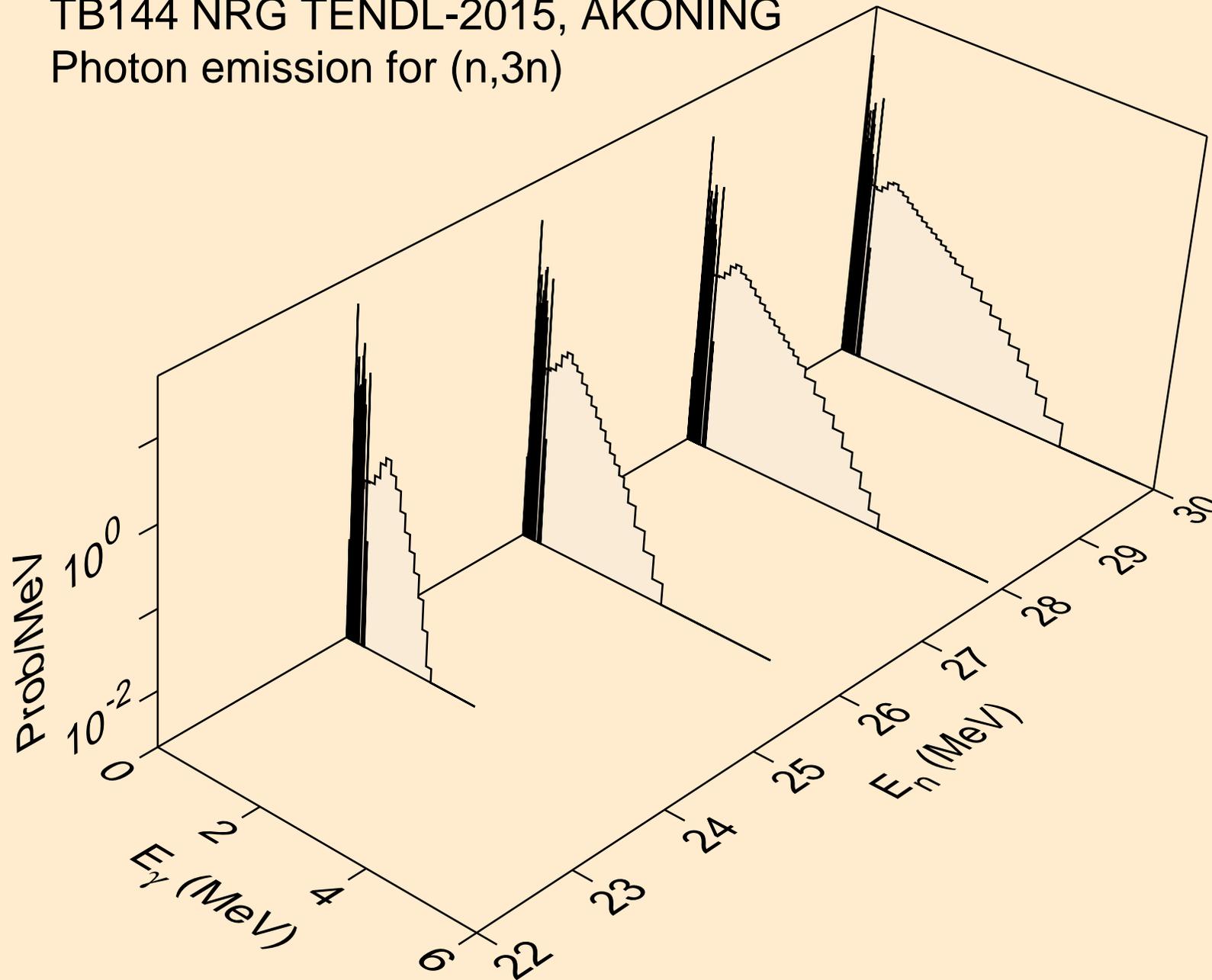
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



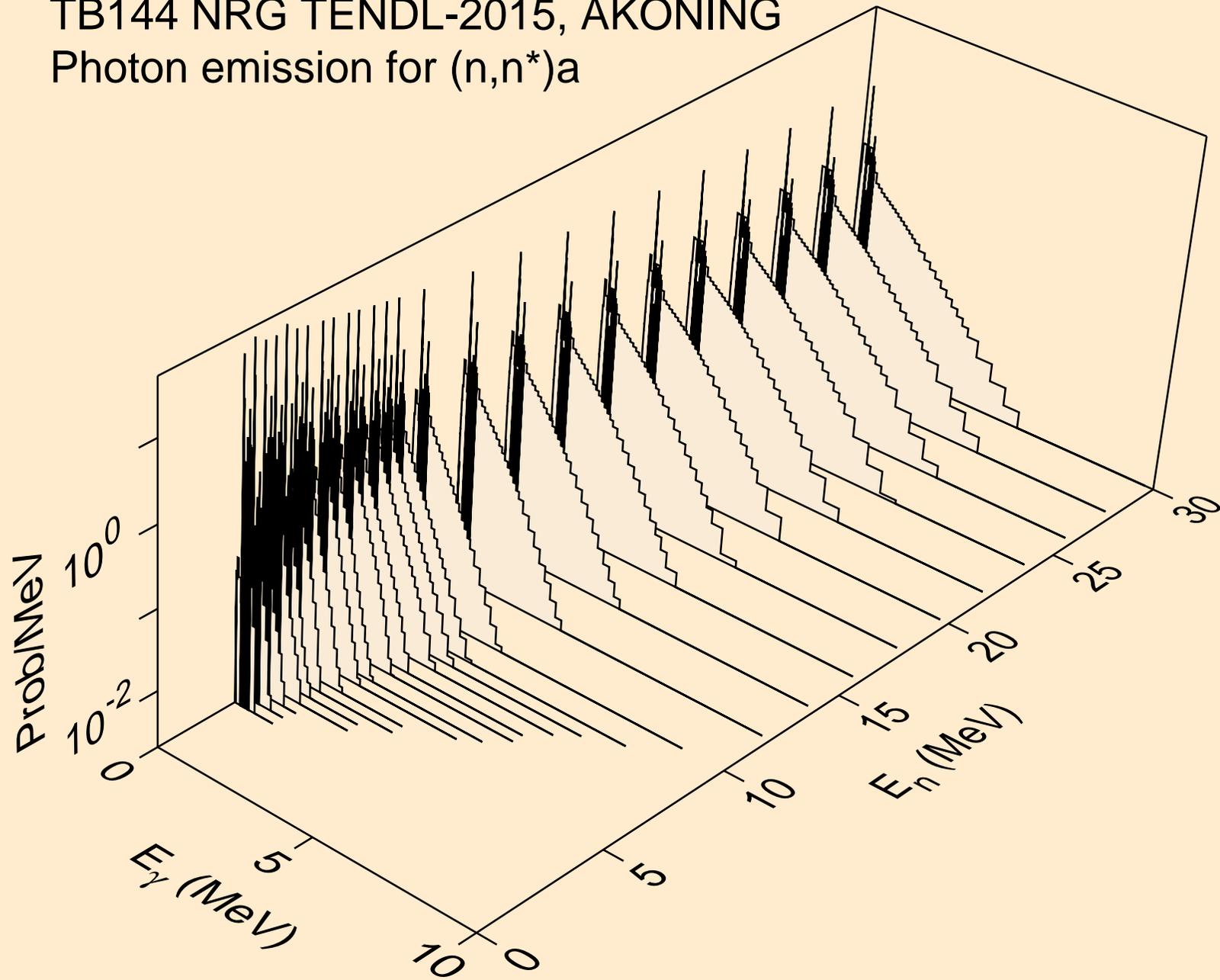
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



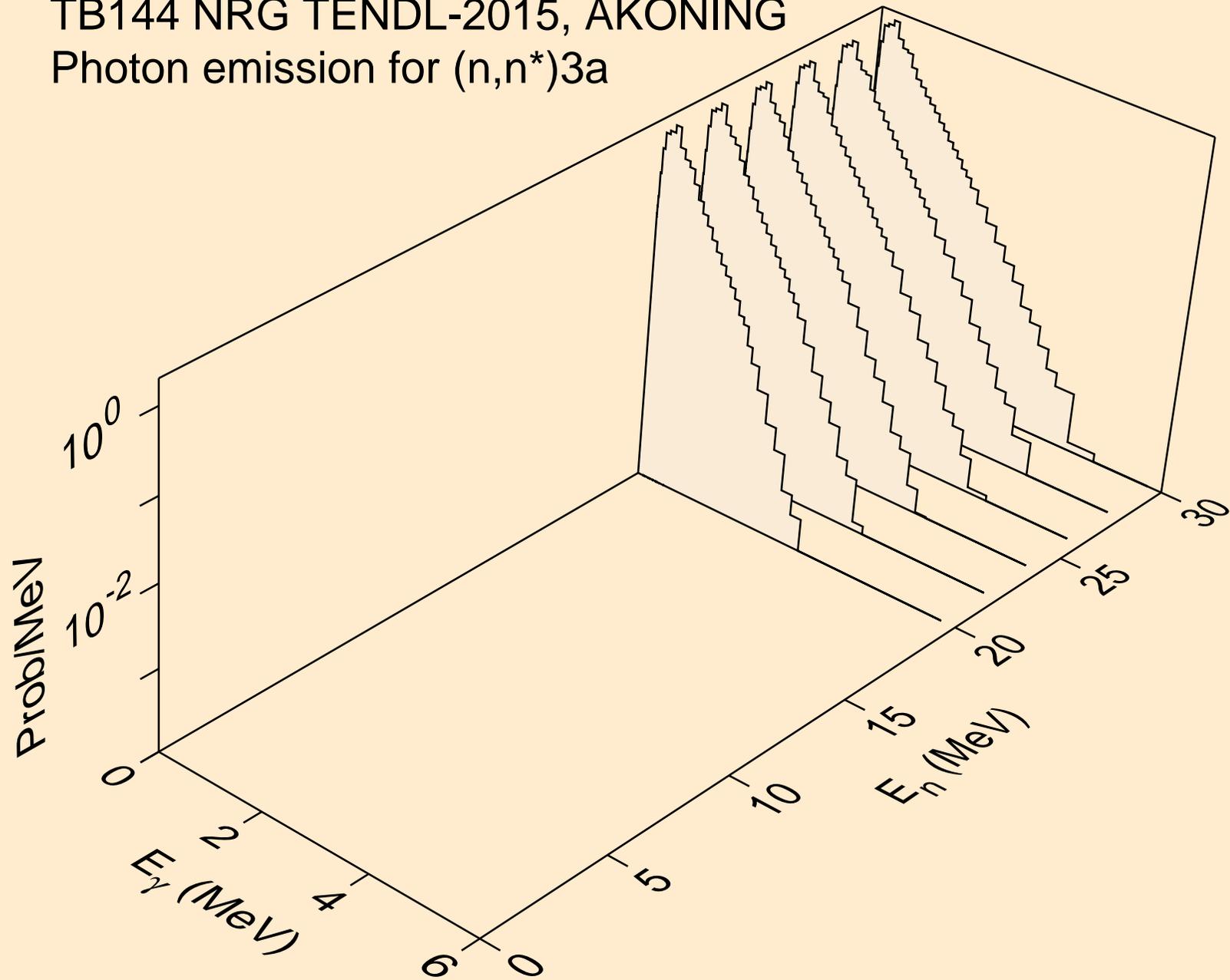
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



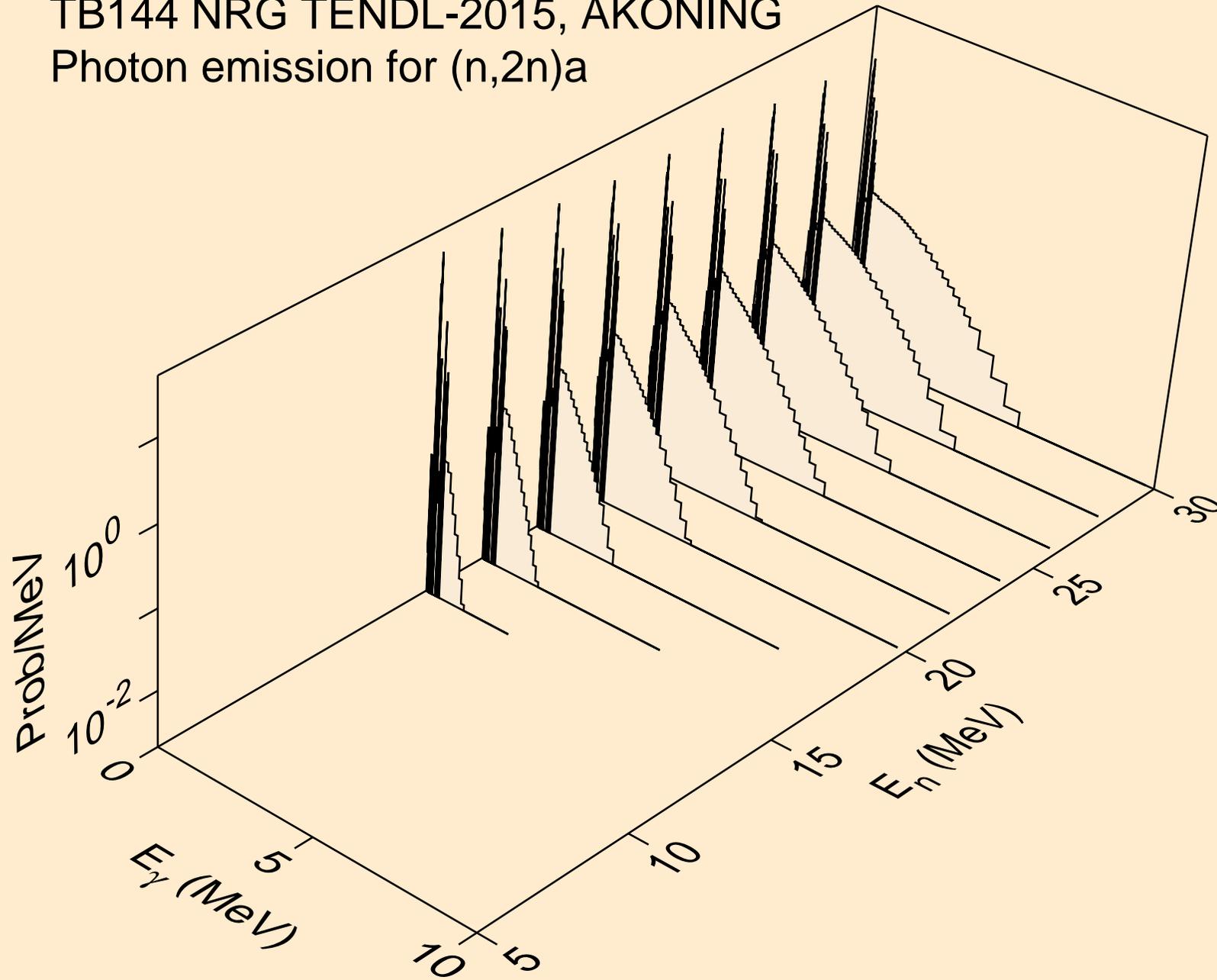
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



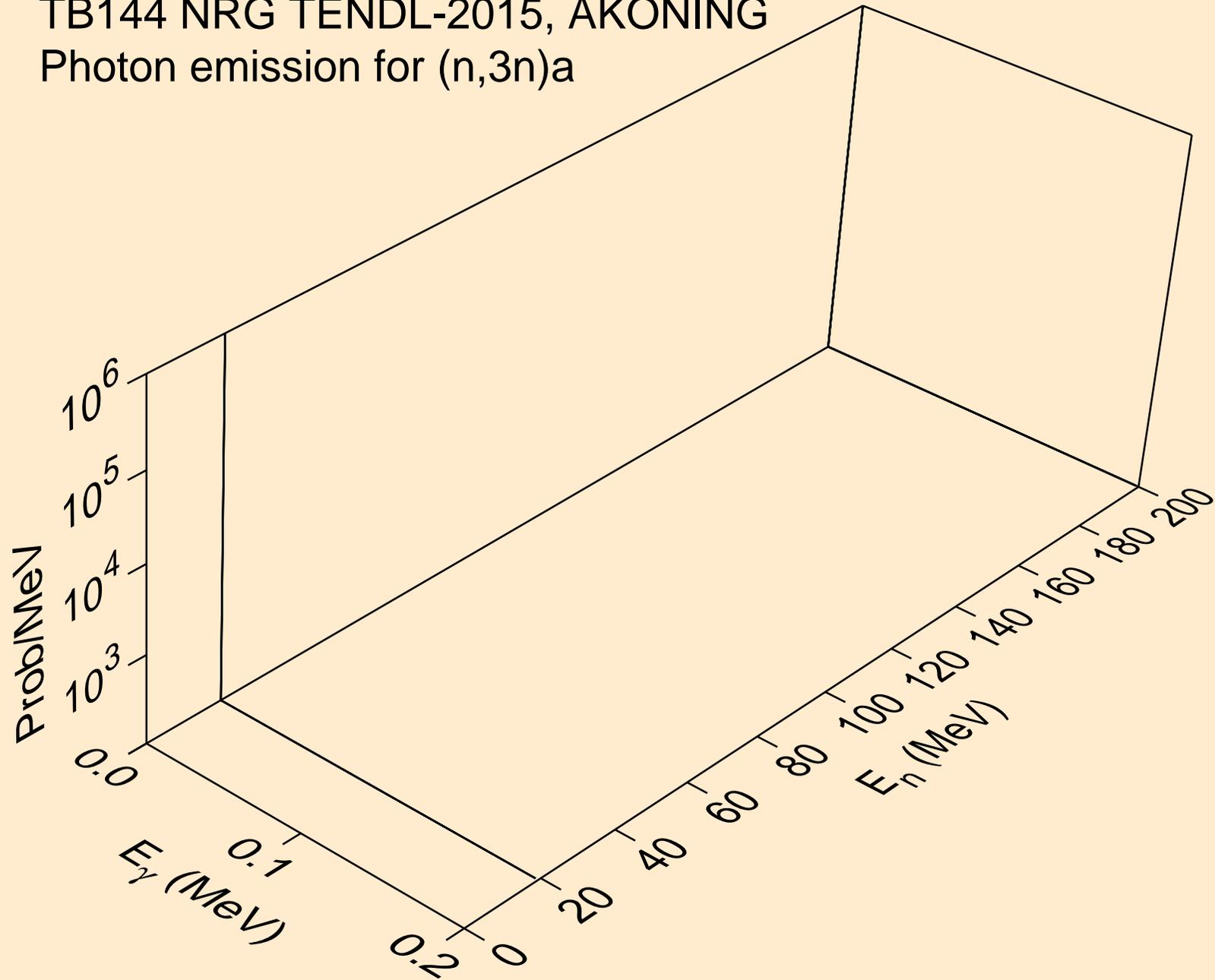
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



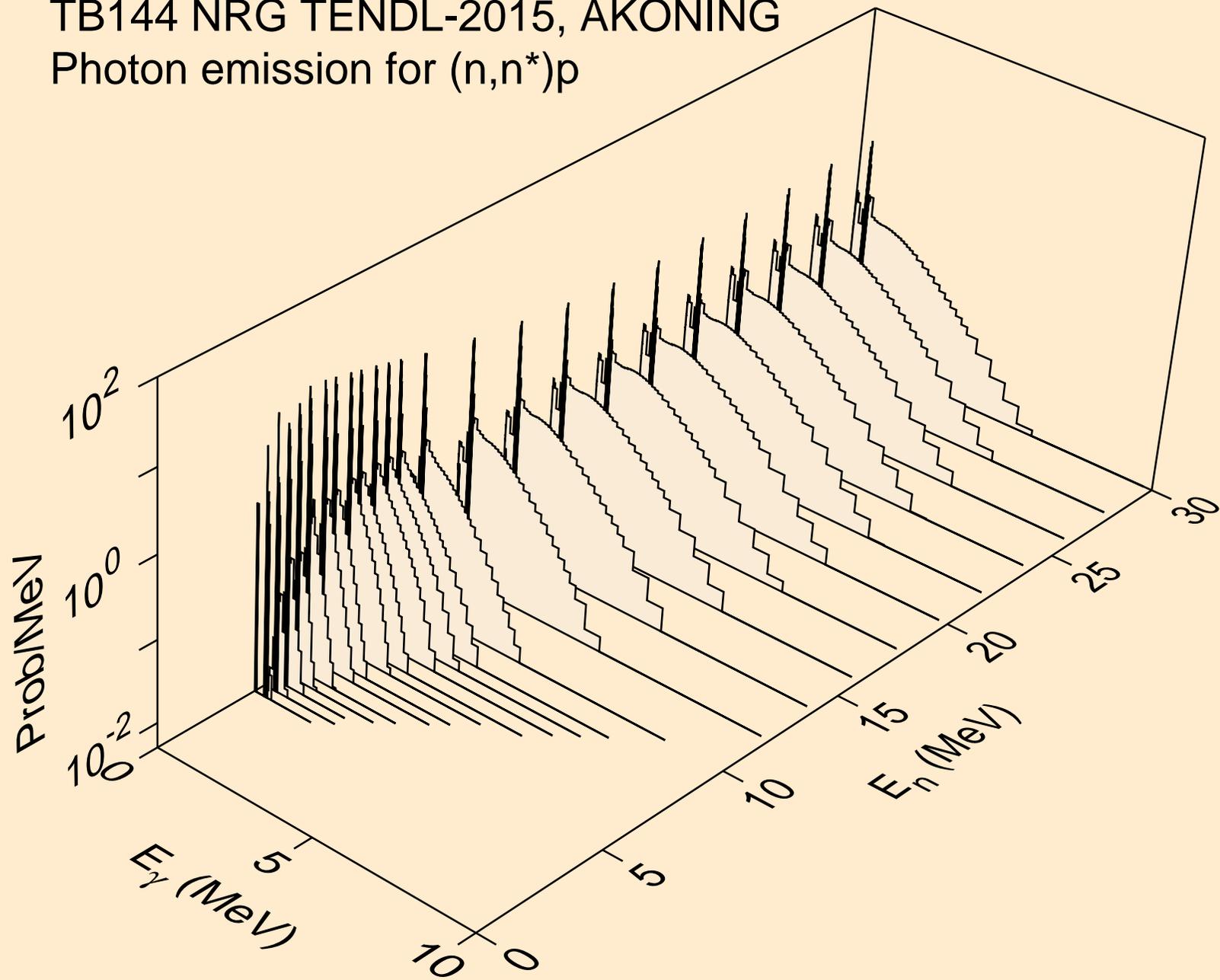
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



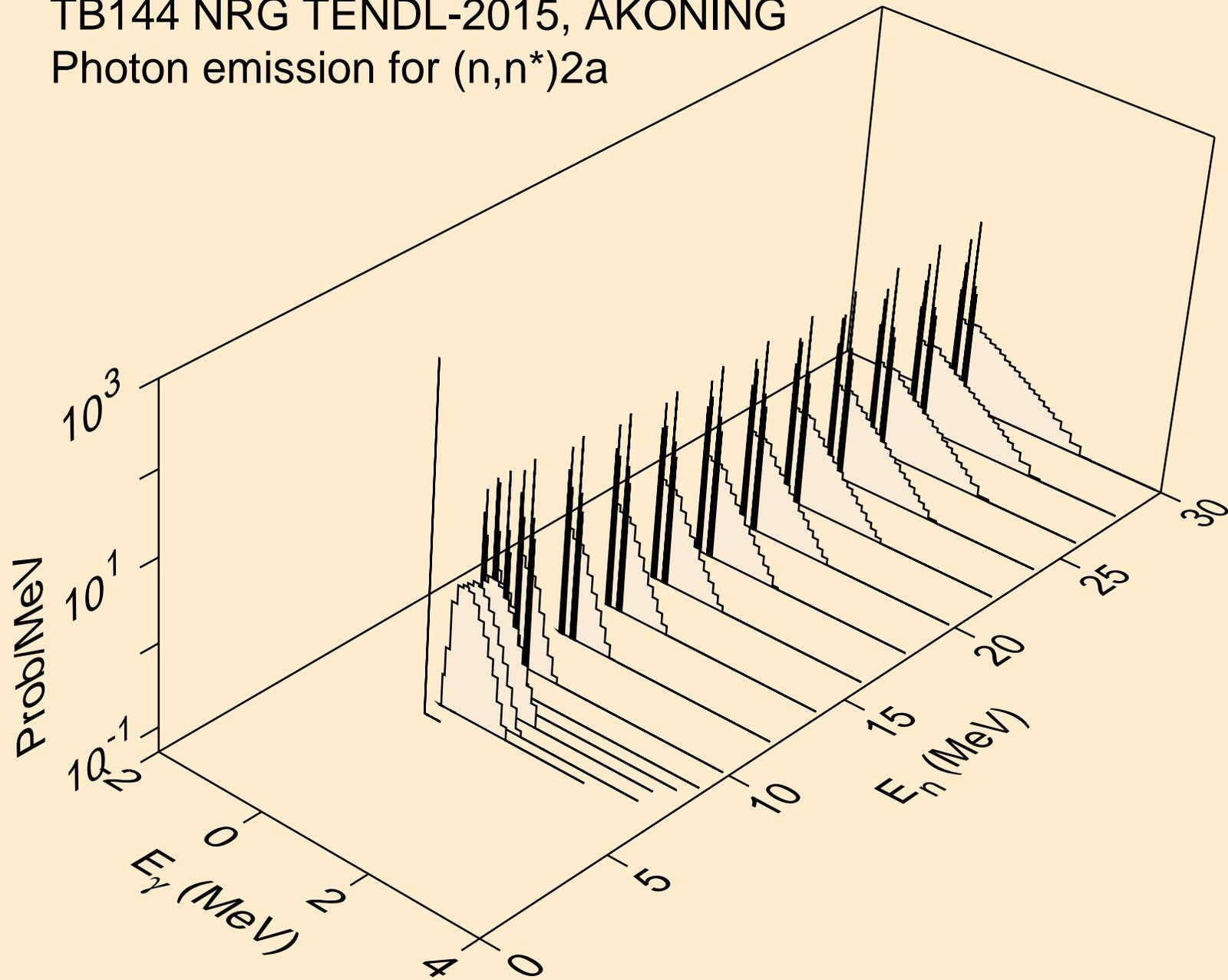
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



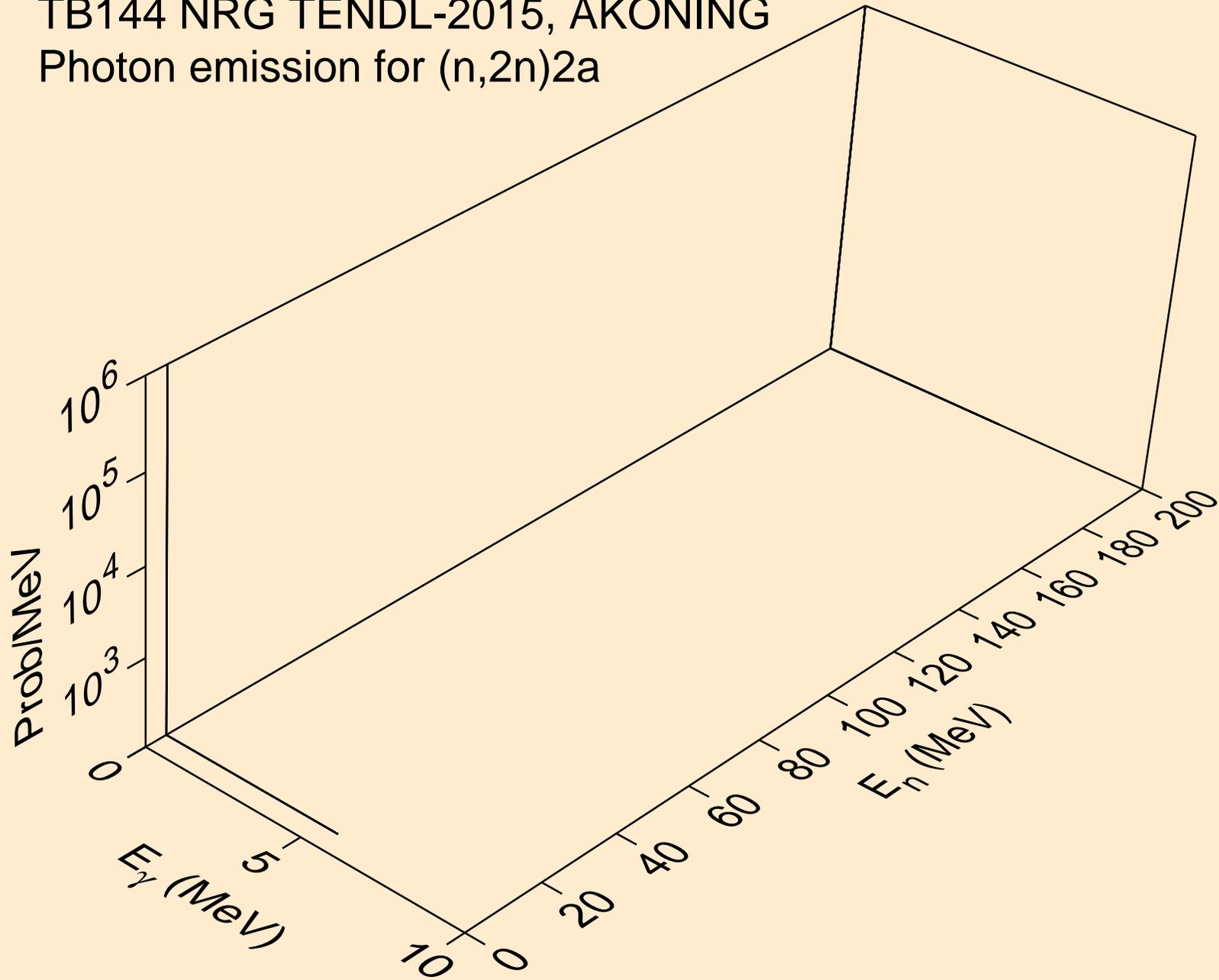
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



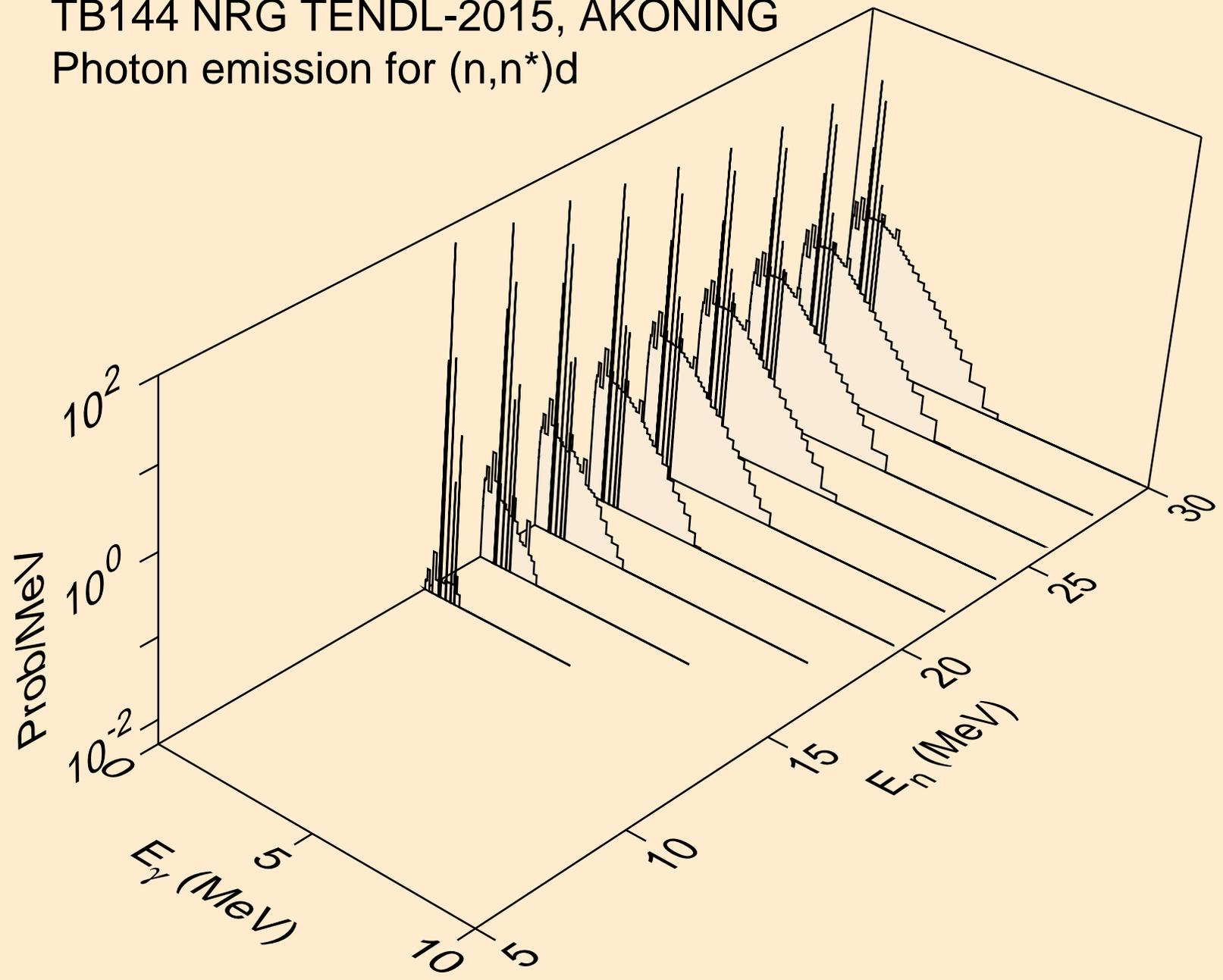
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



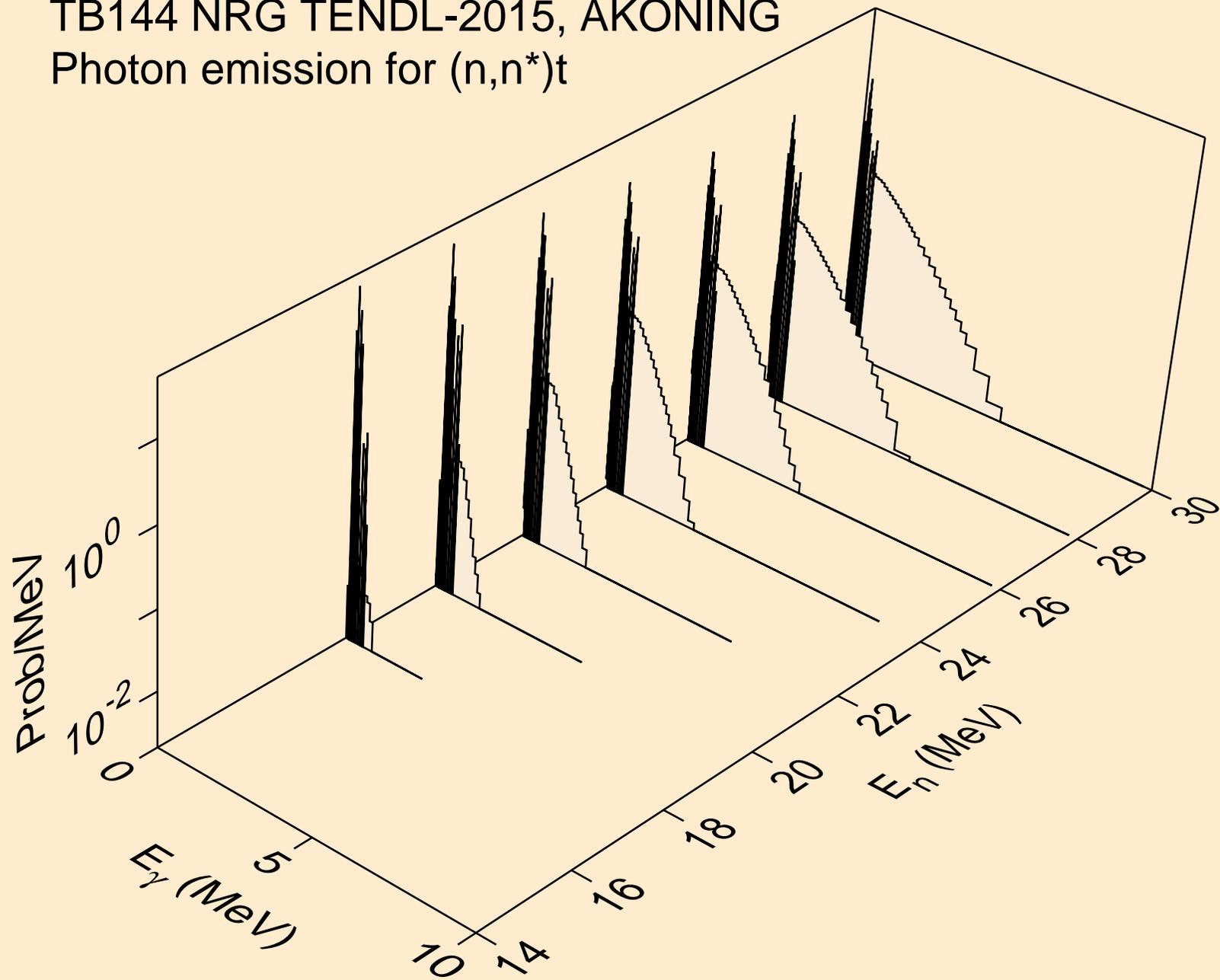
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



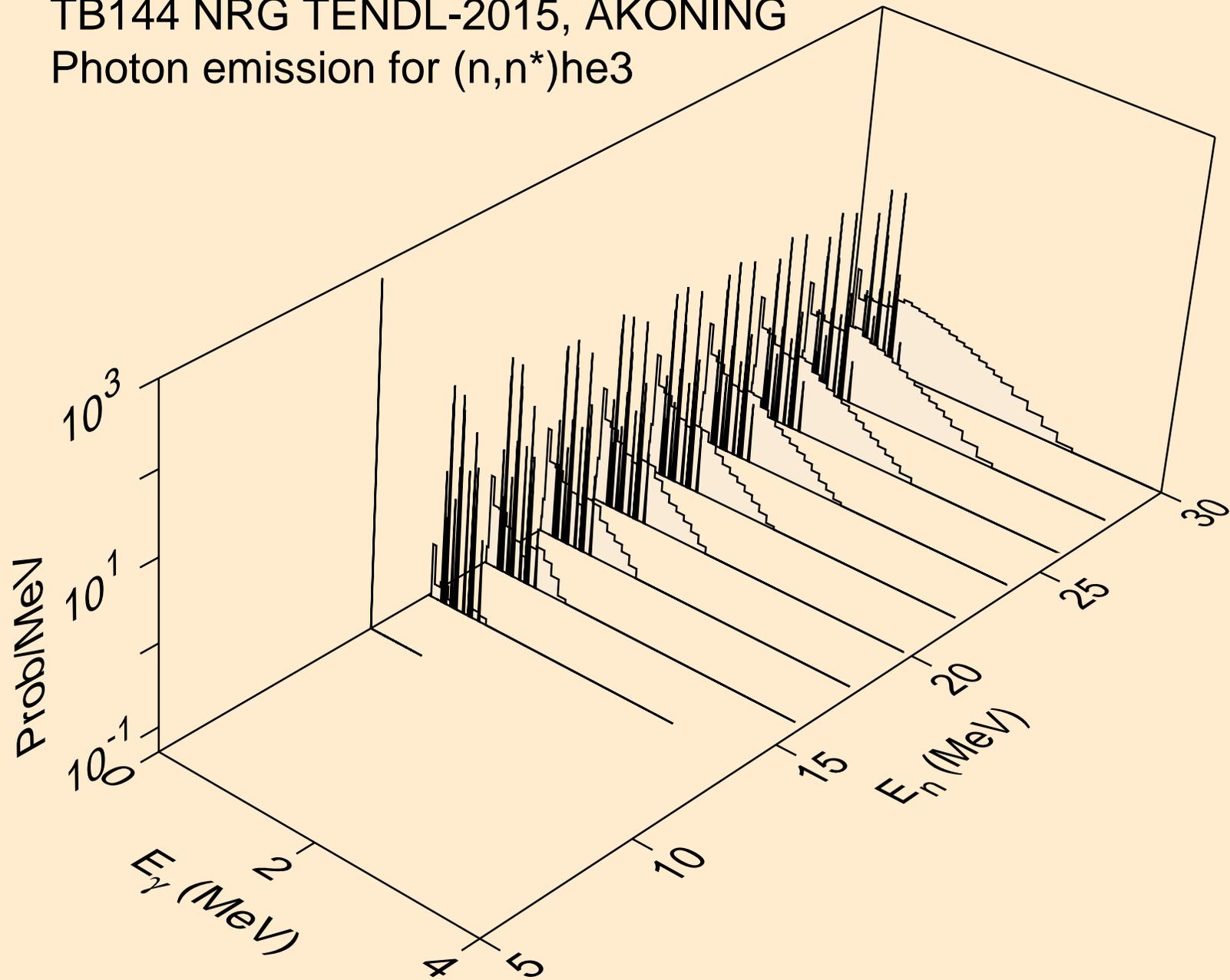
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



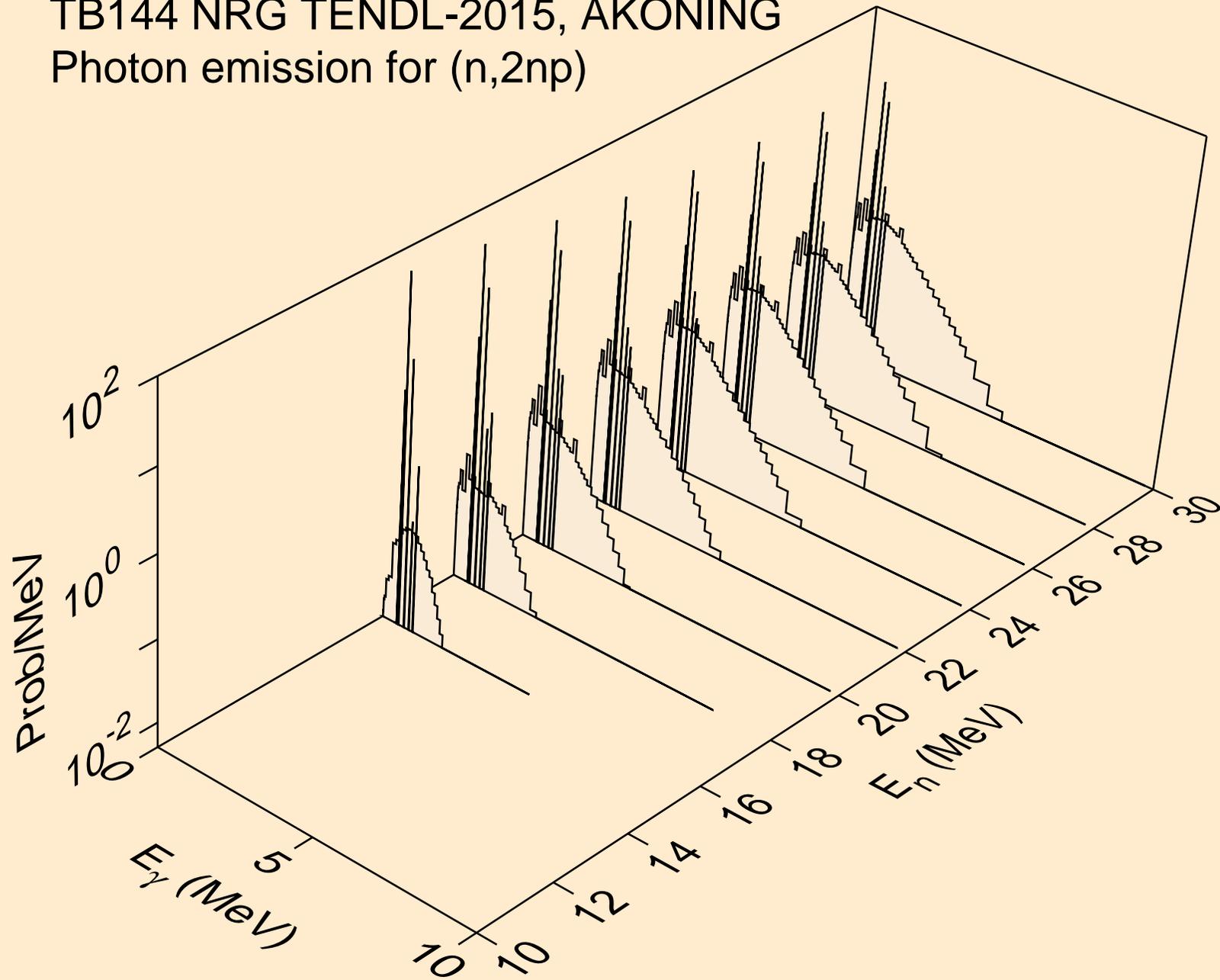
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



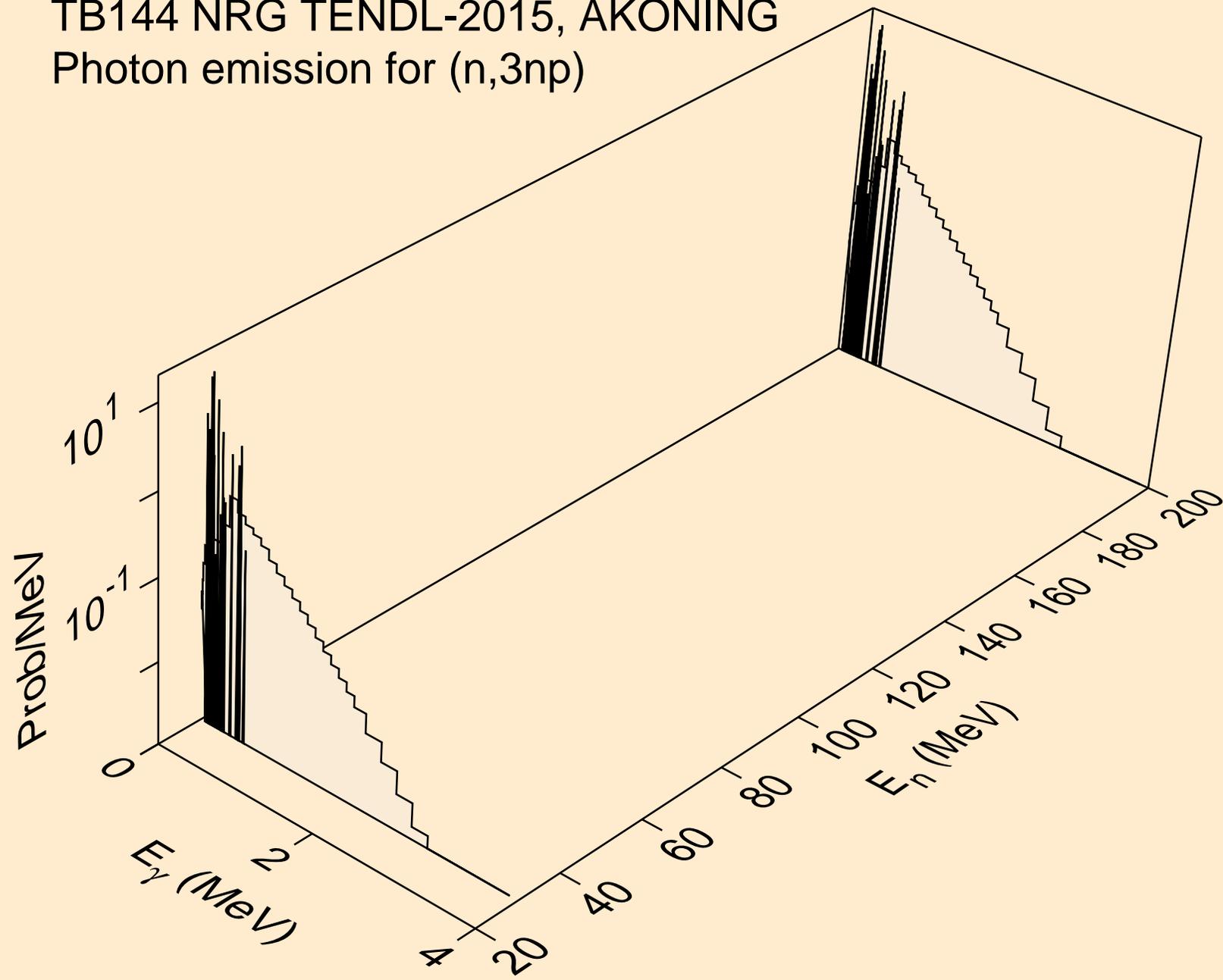
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



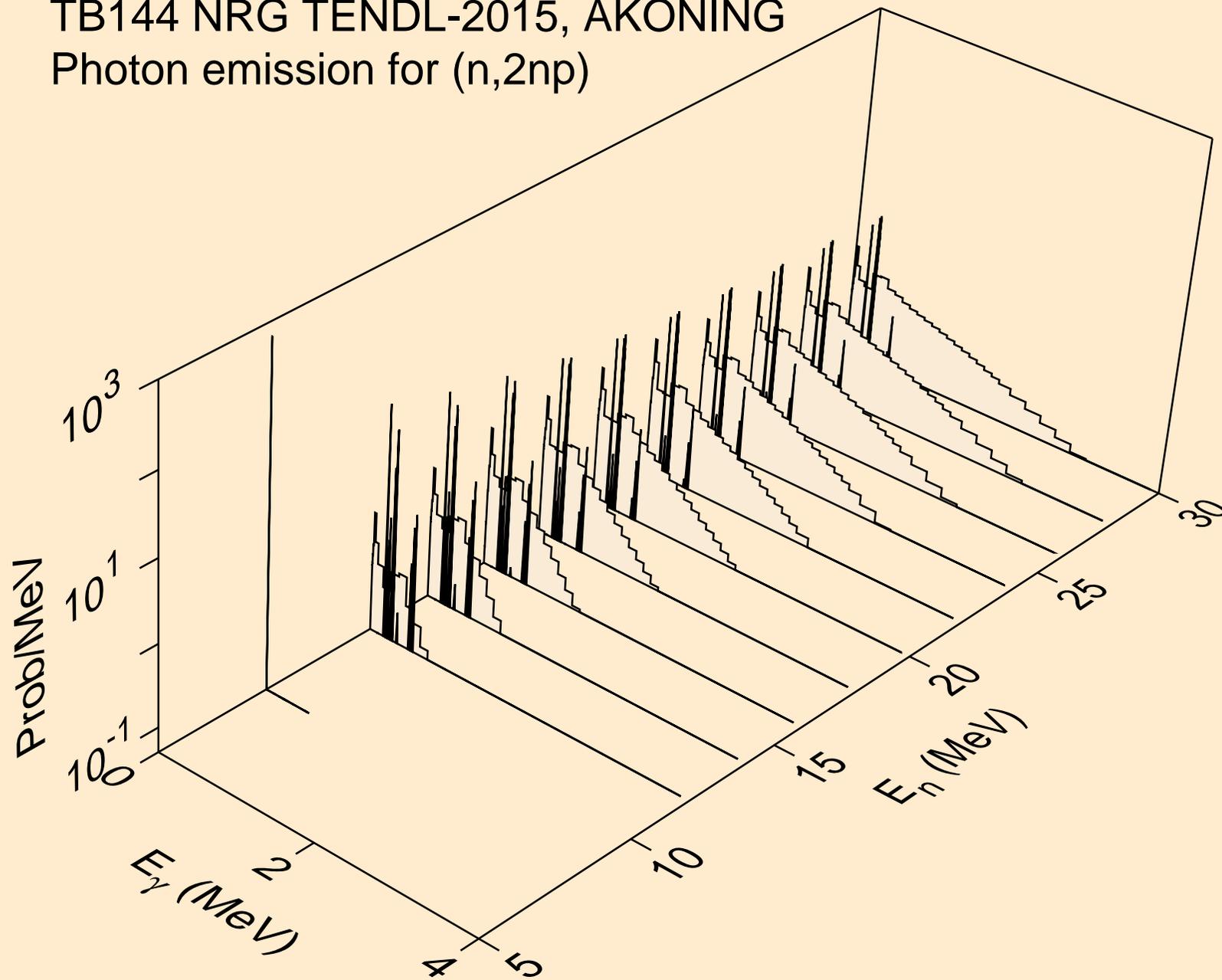
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



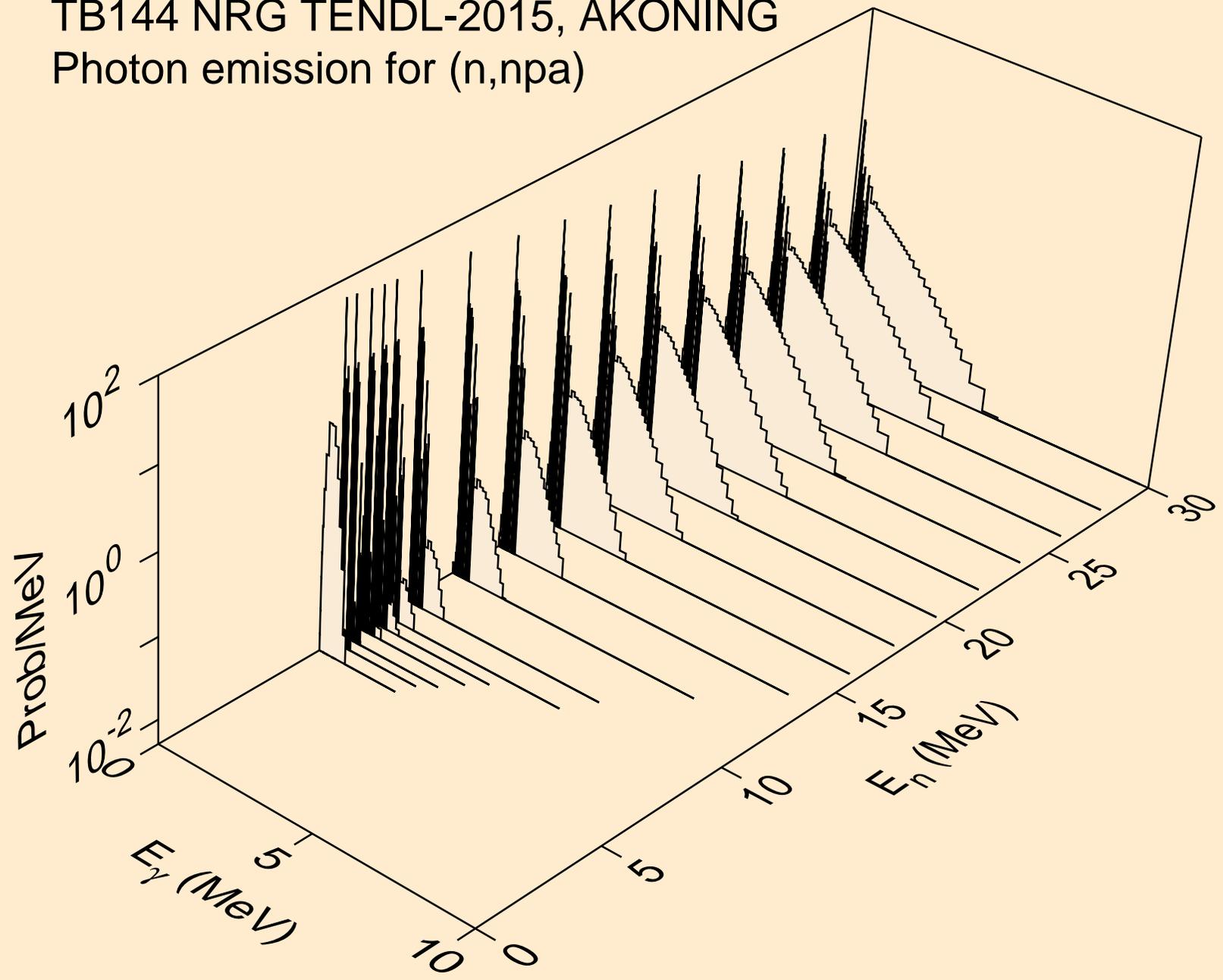
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Photon emission for (n,3np)



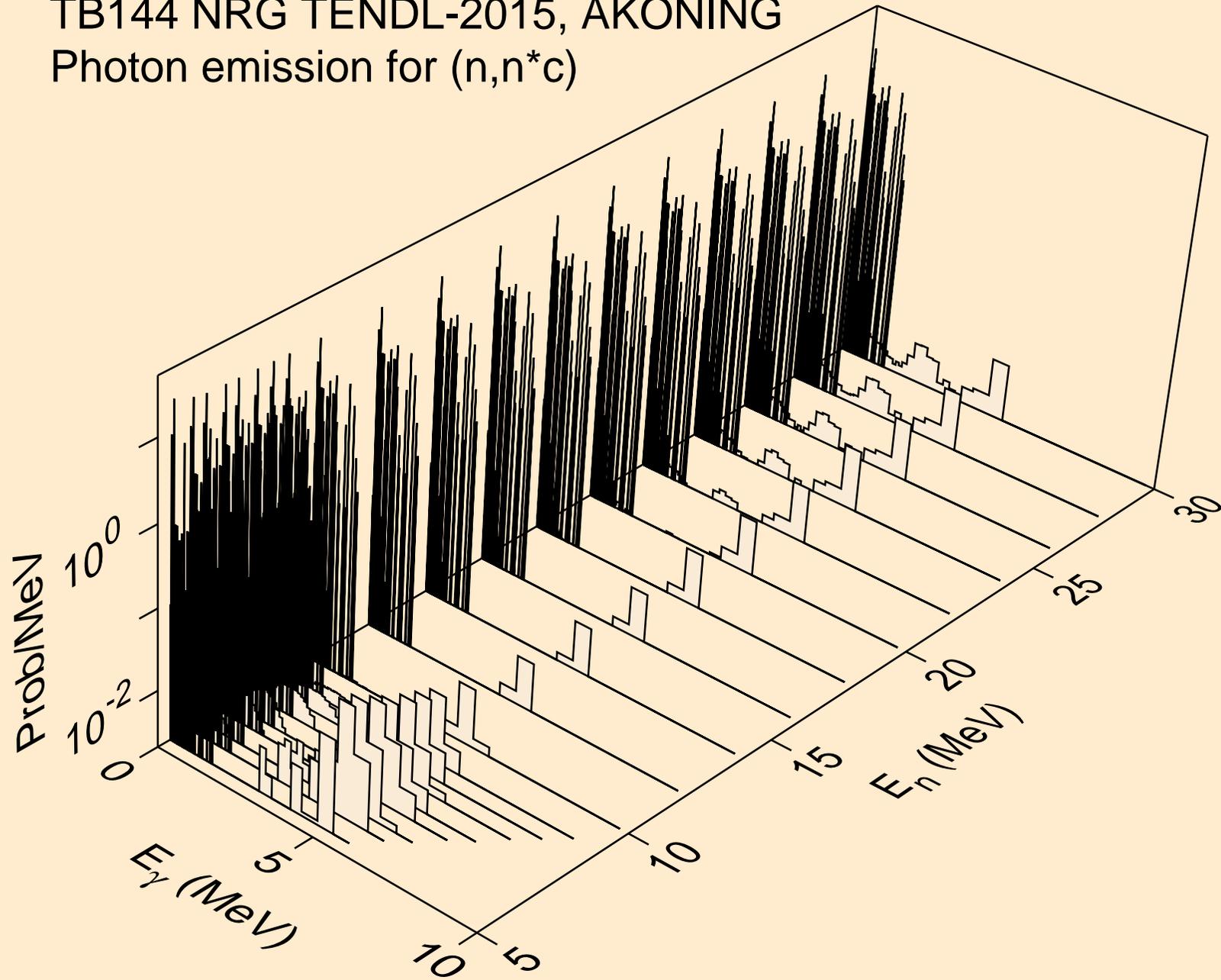
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



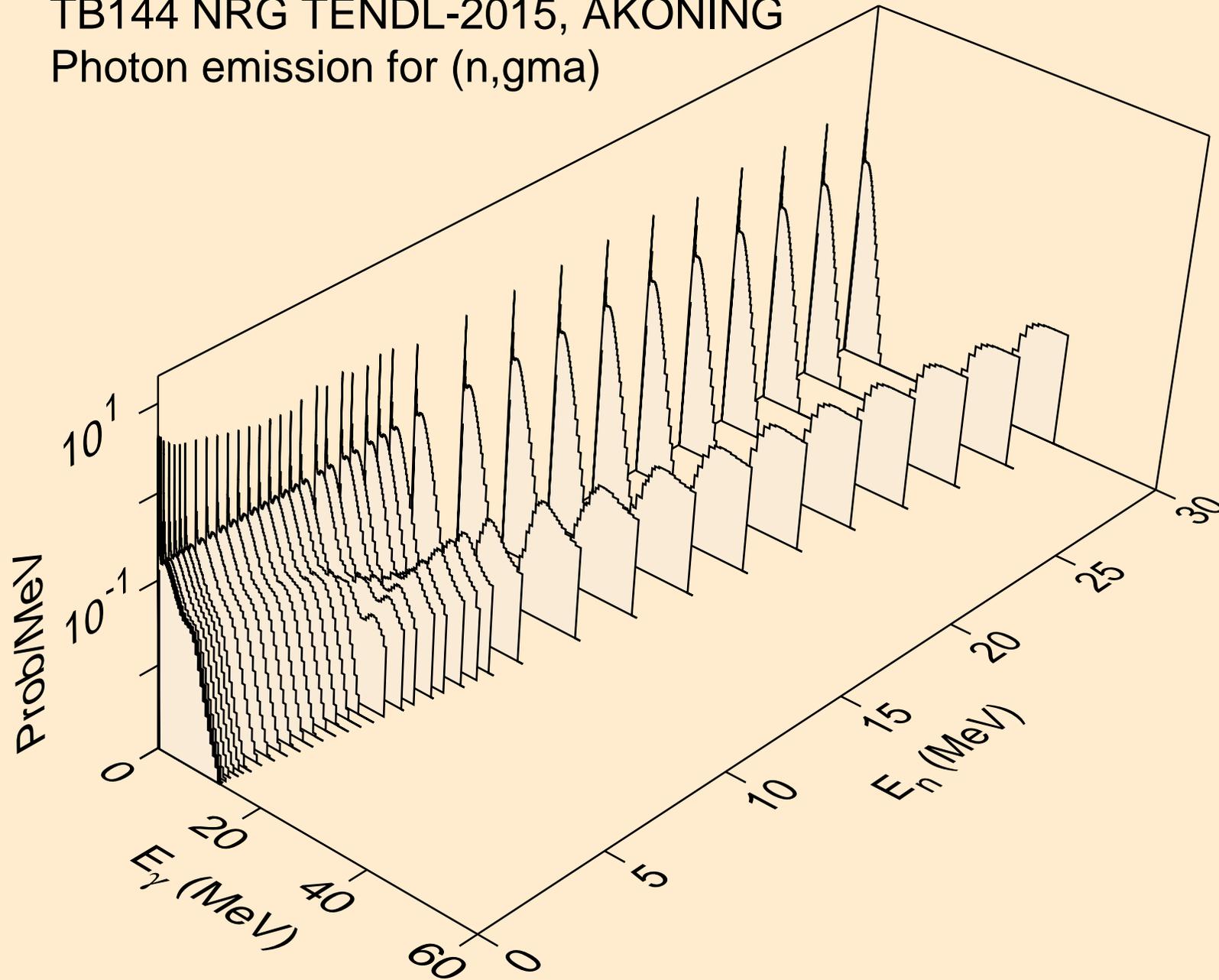
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



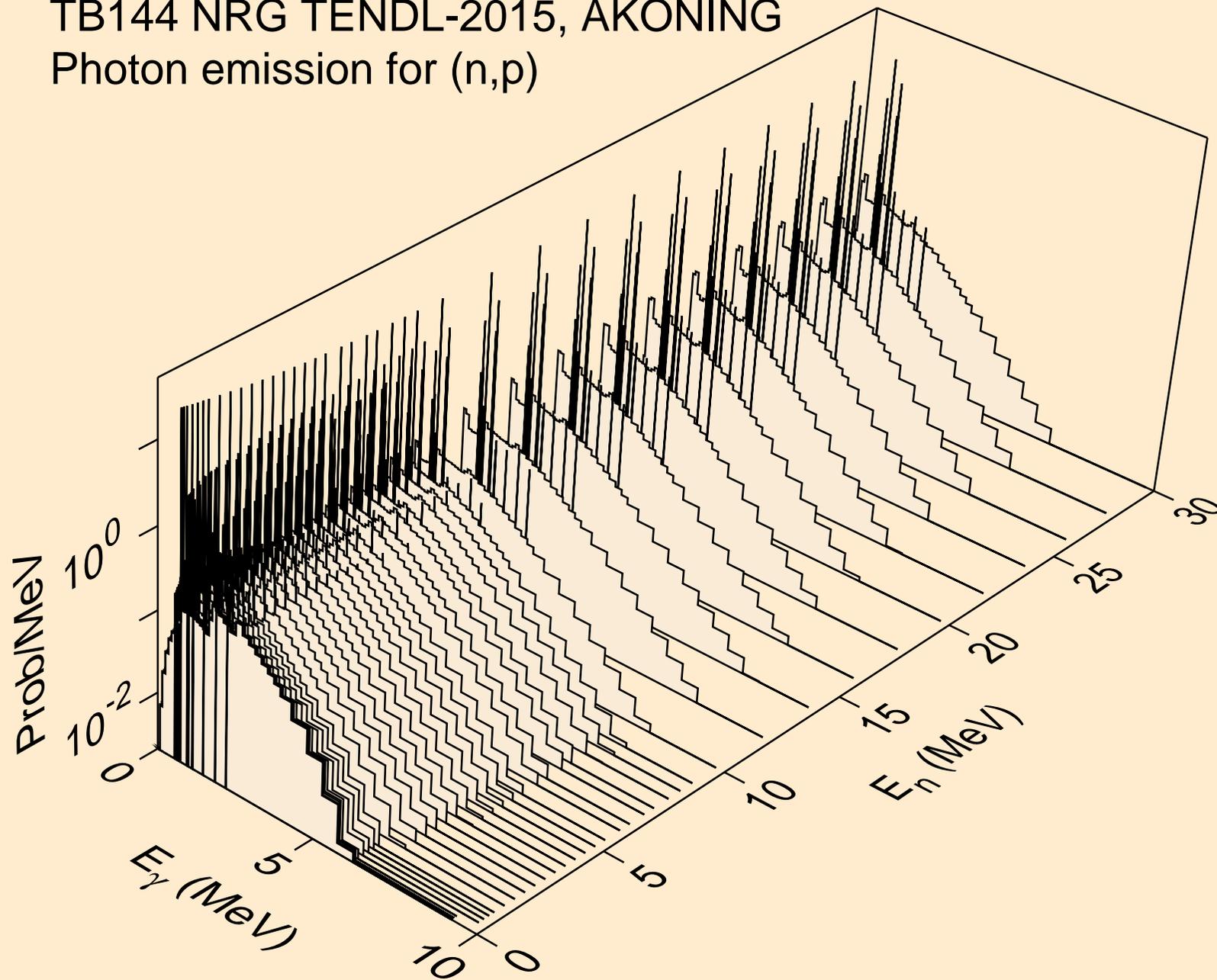
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



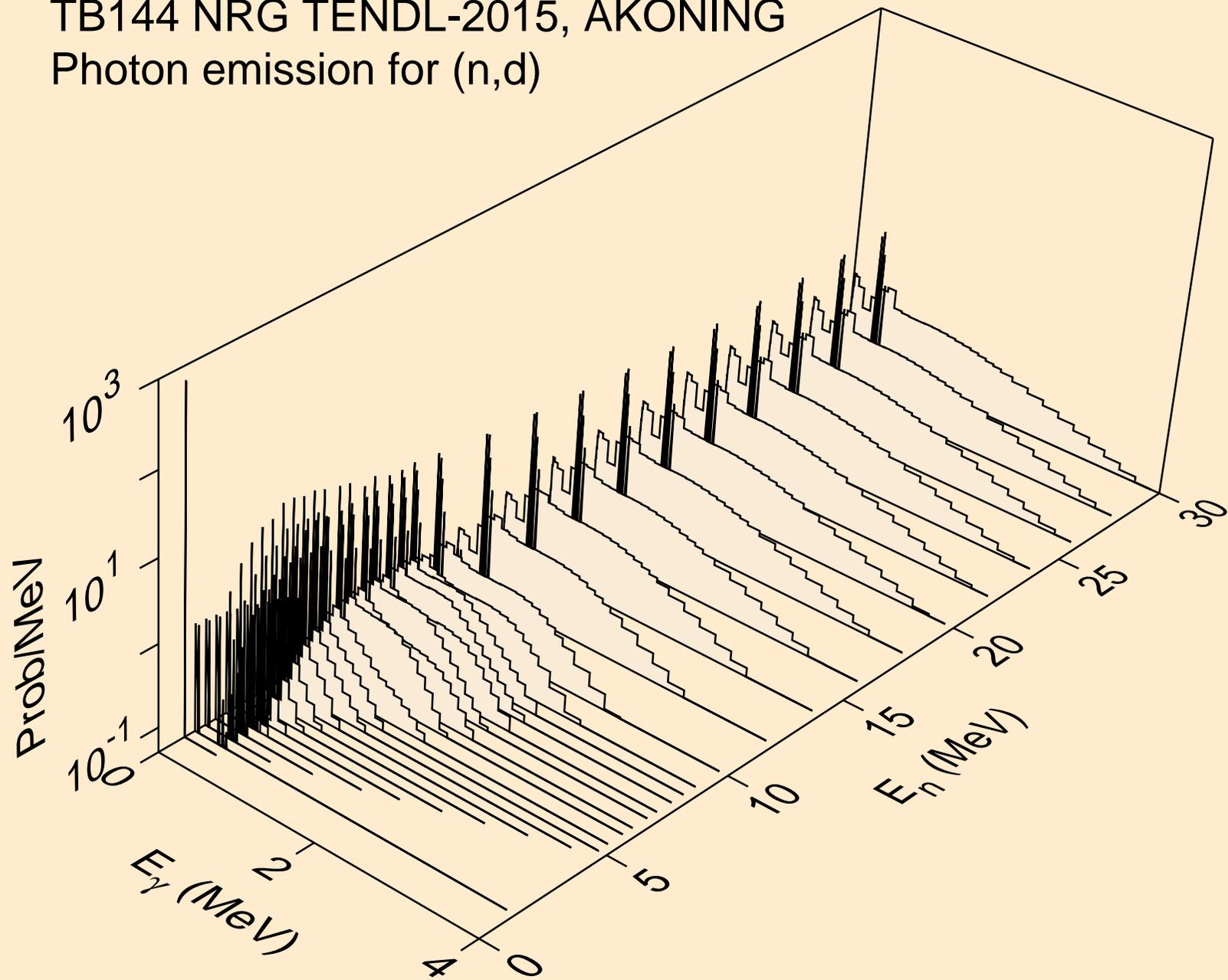
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



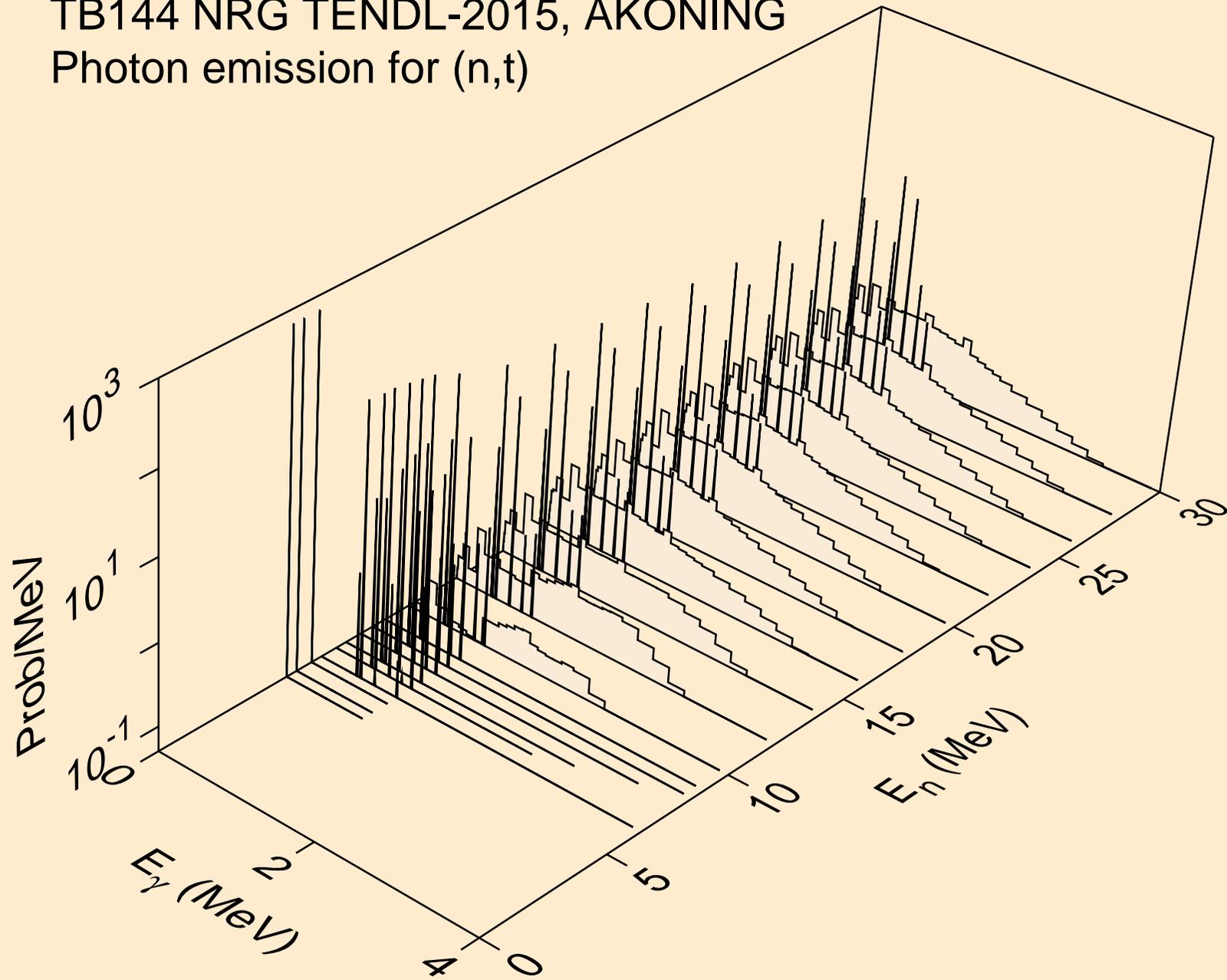
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



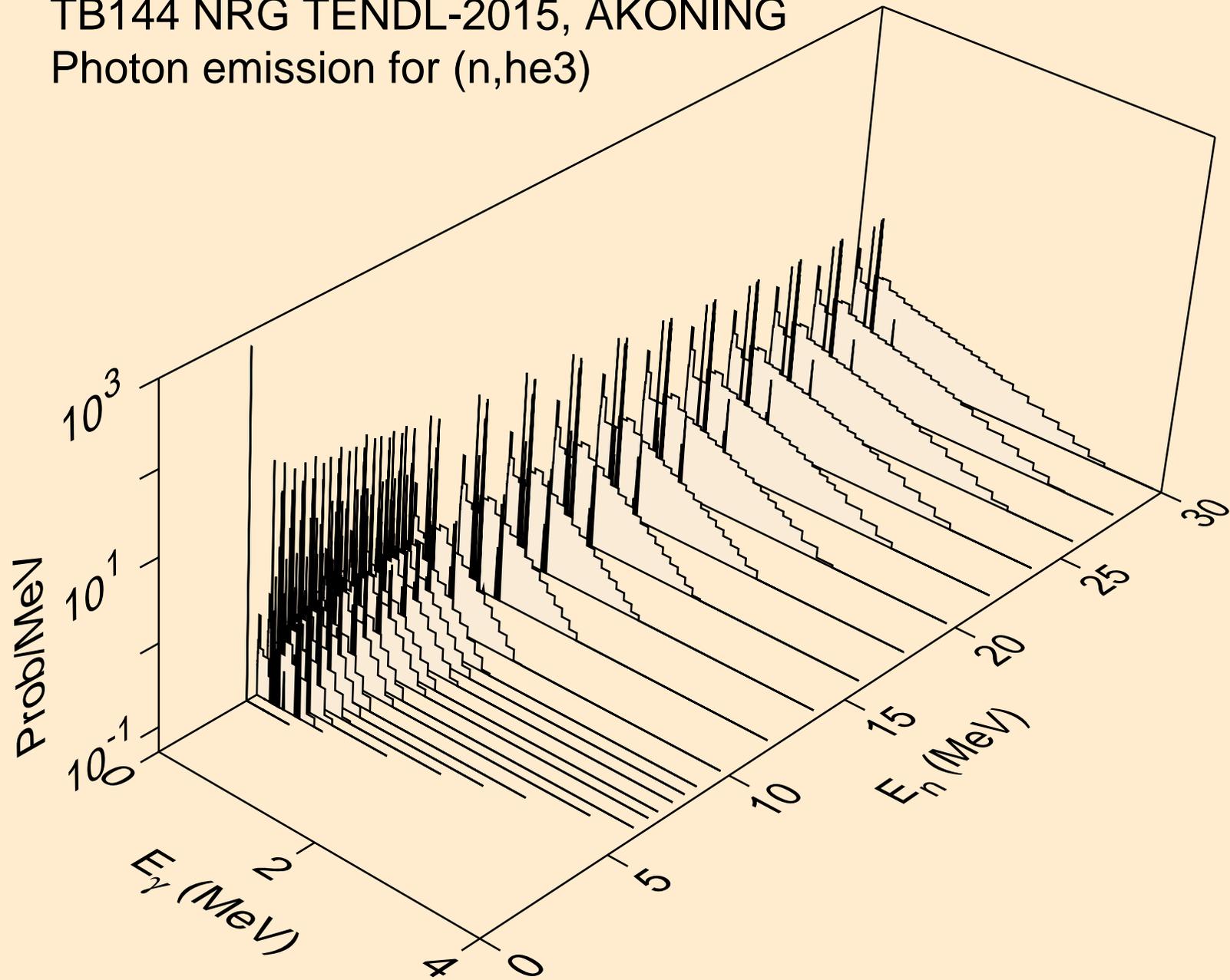
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



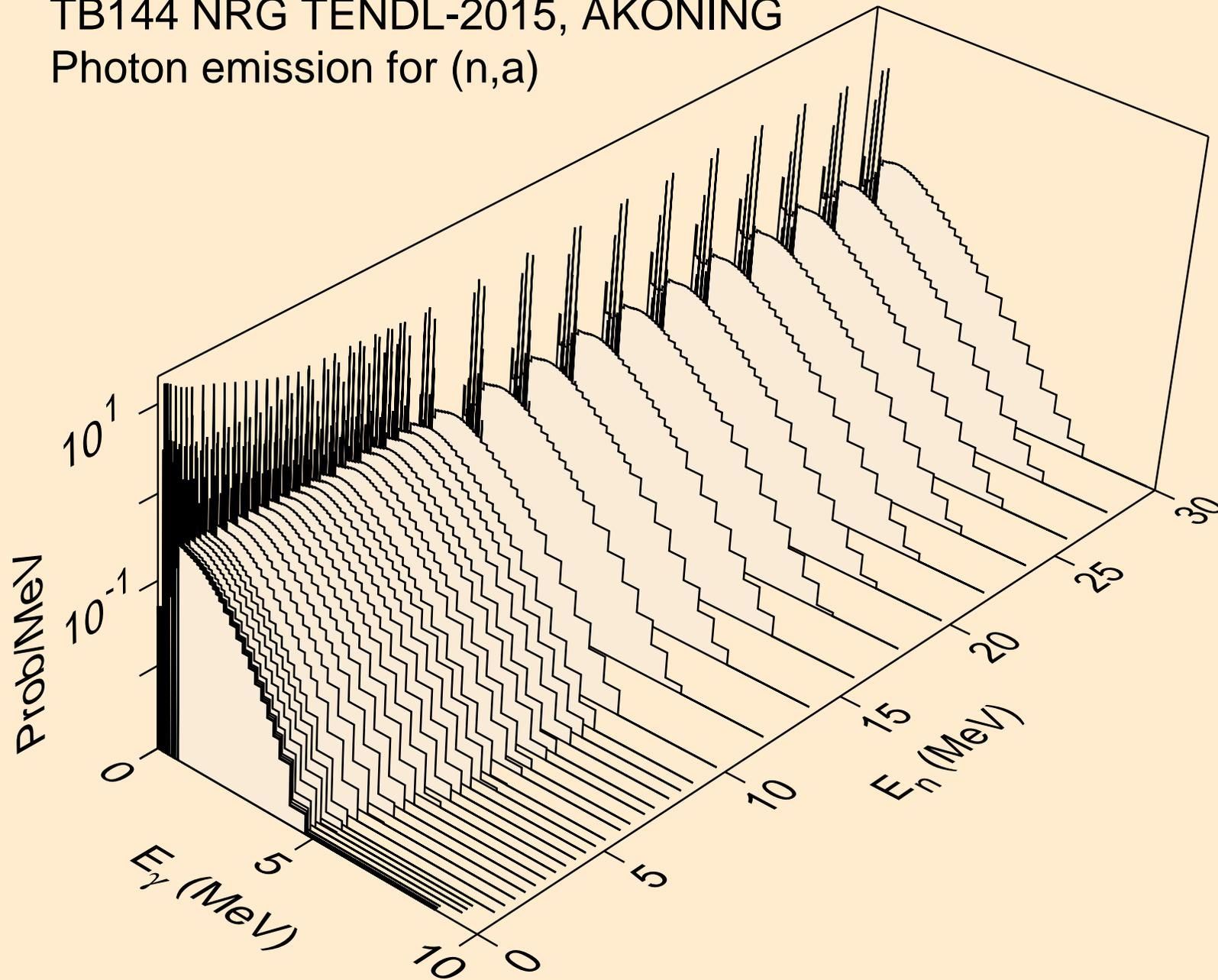
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



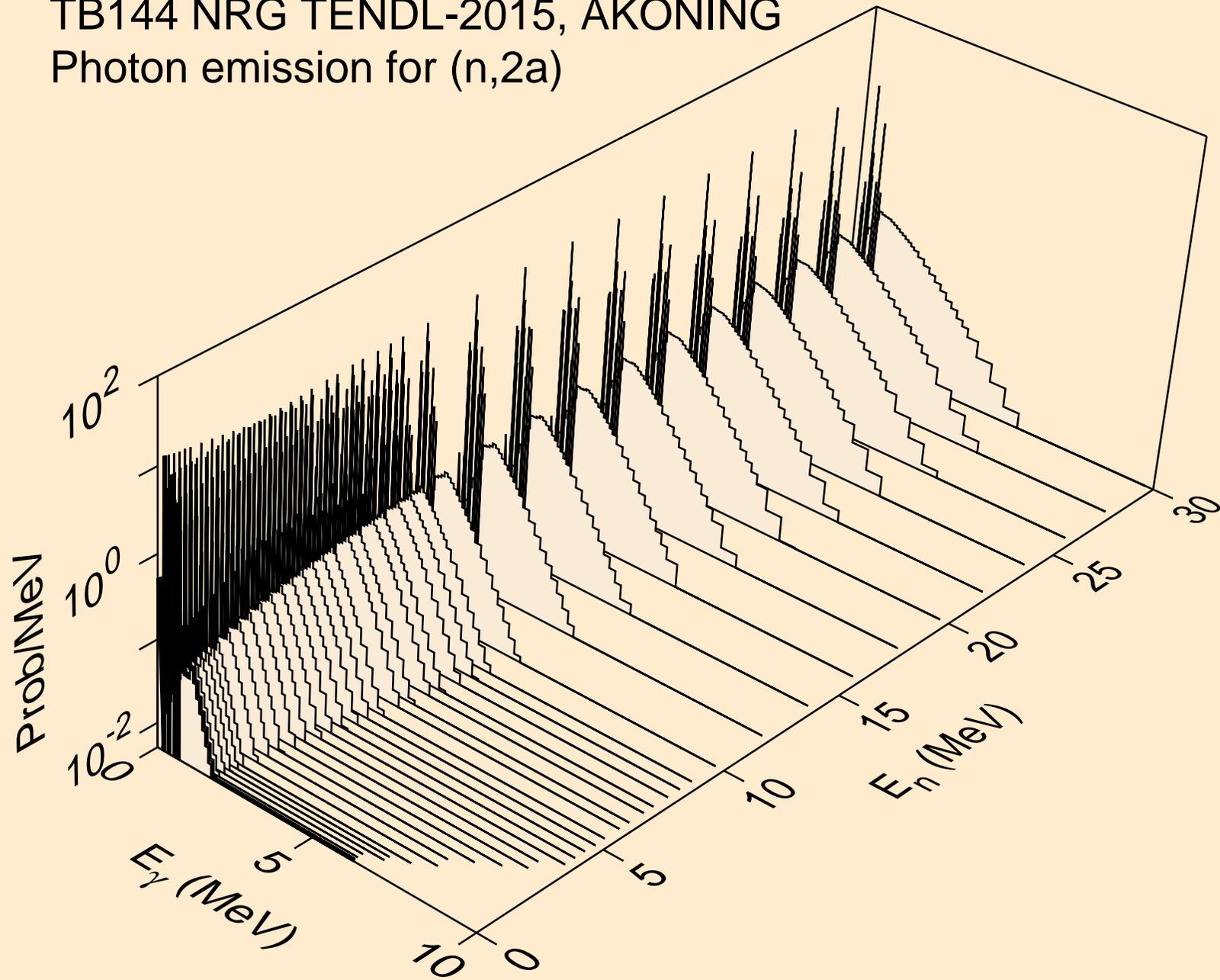
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



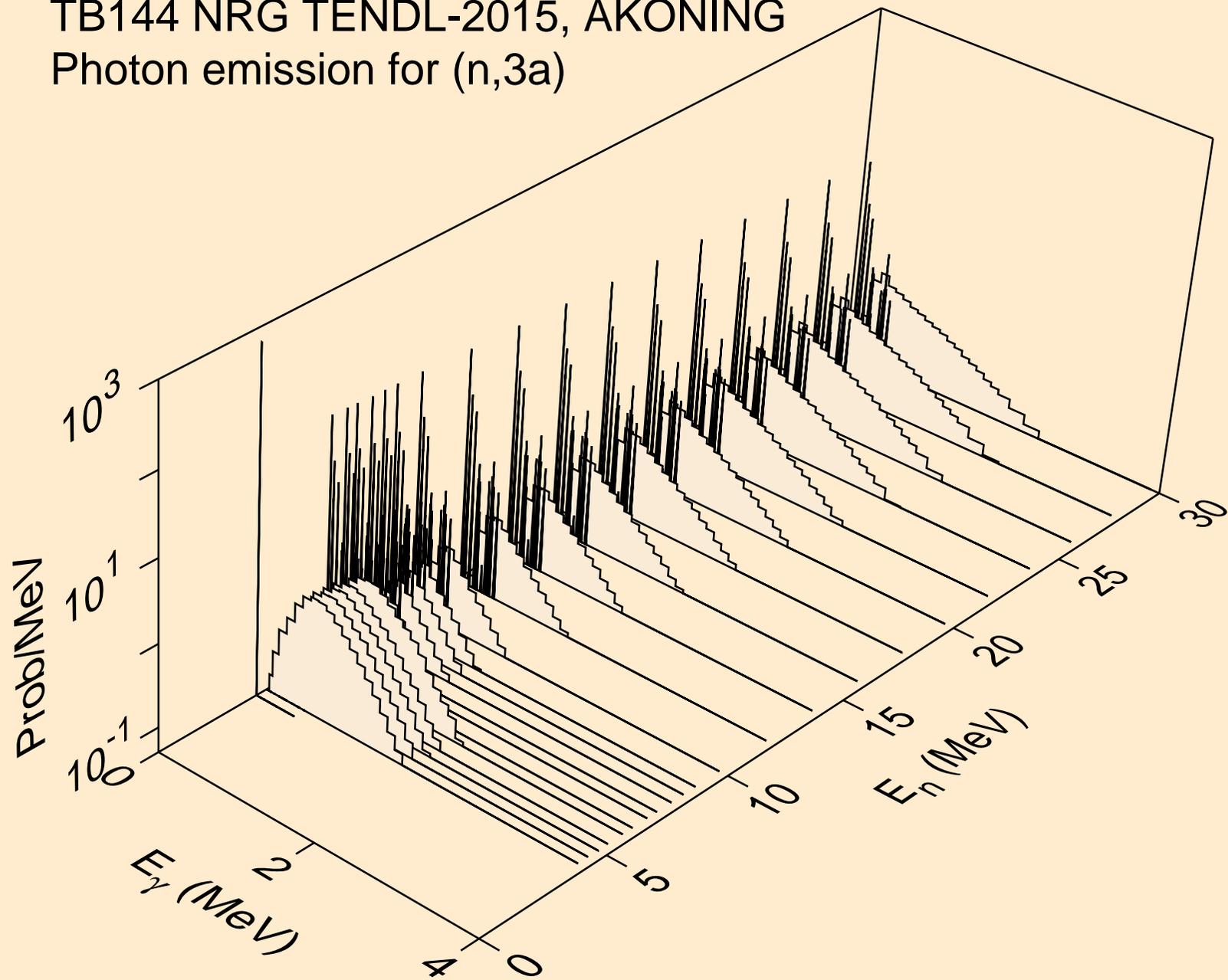
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



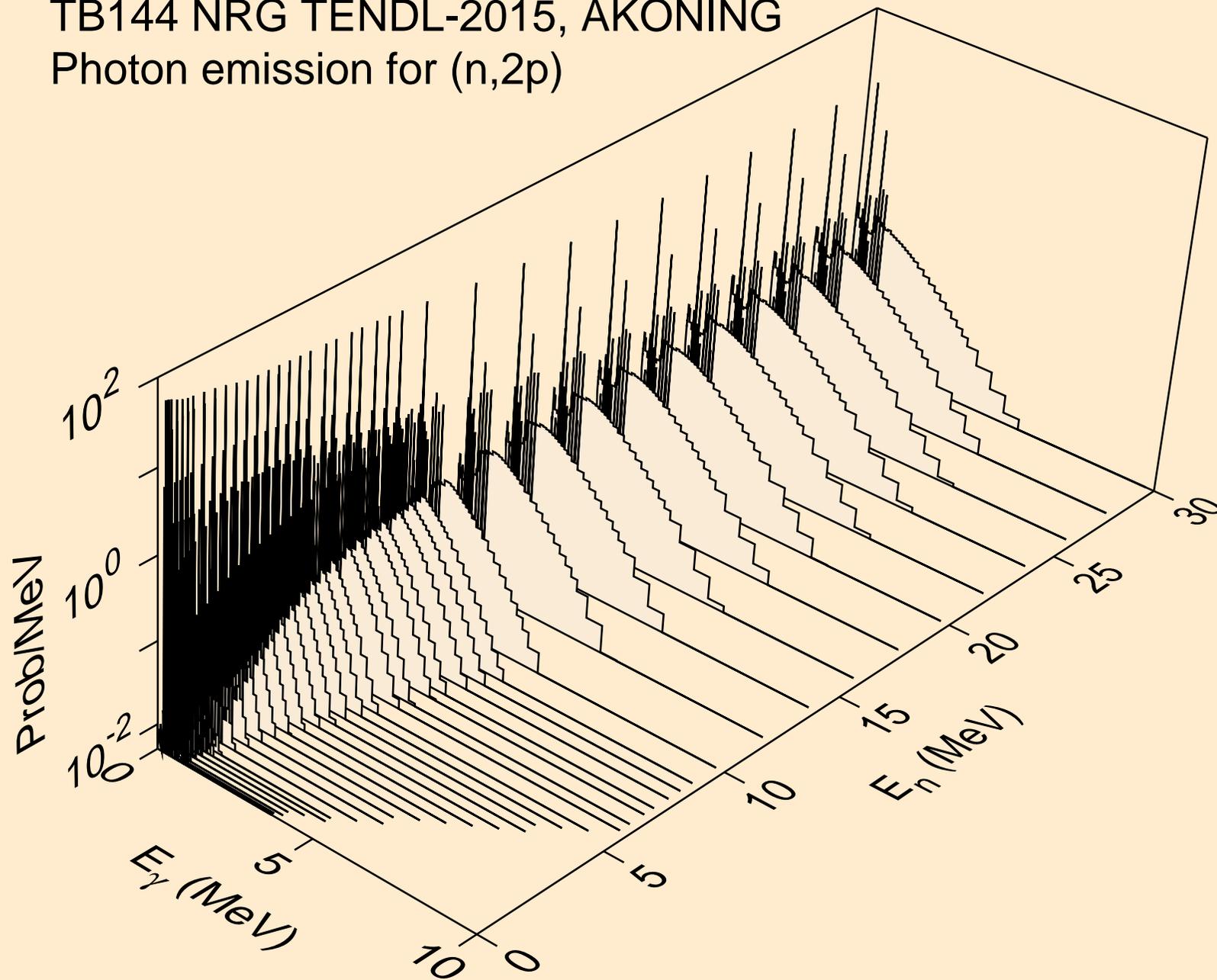
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



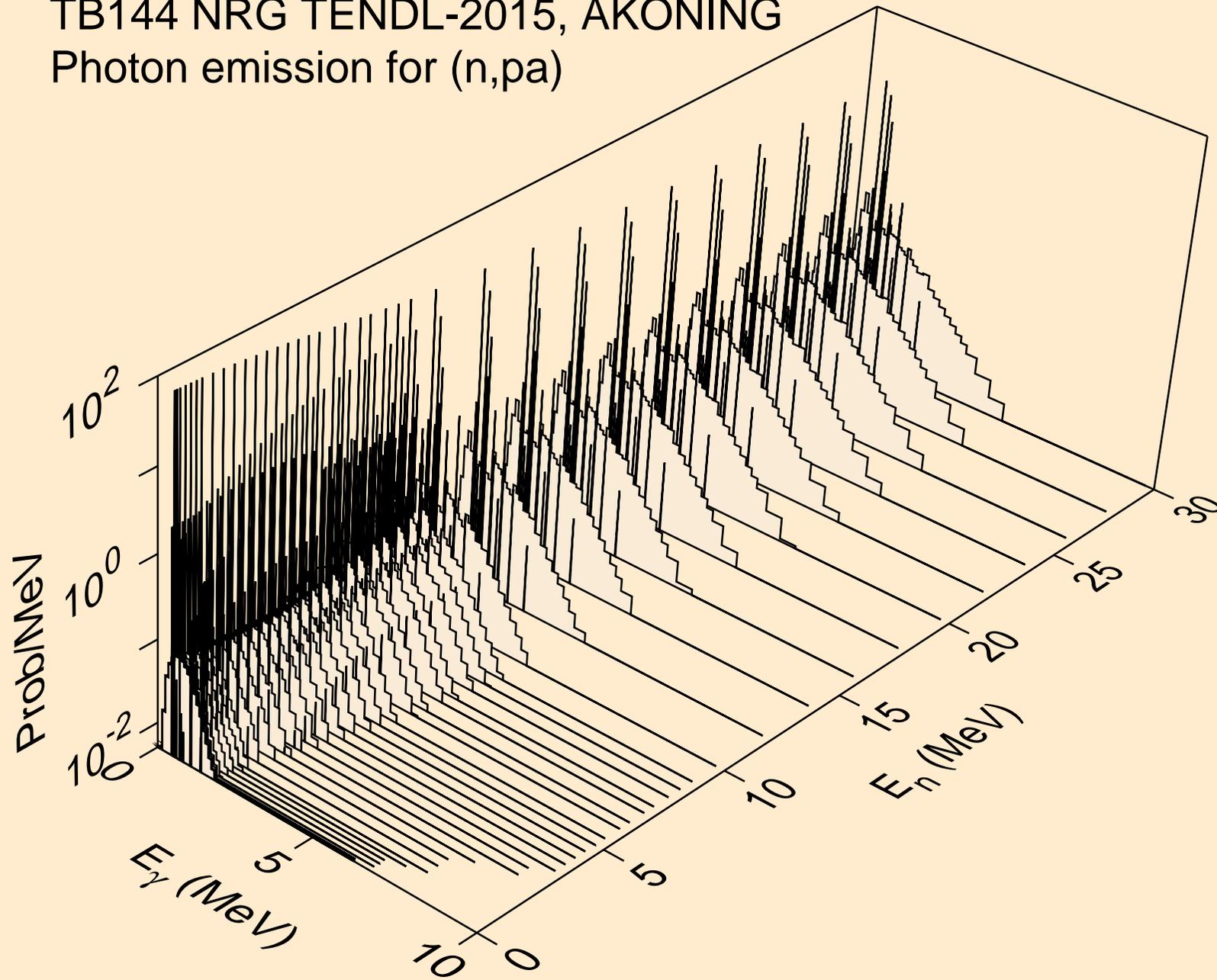
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



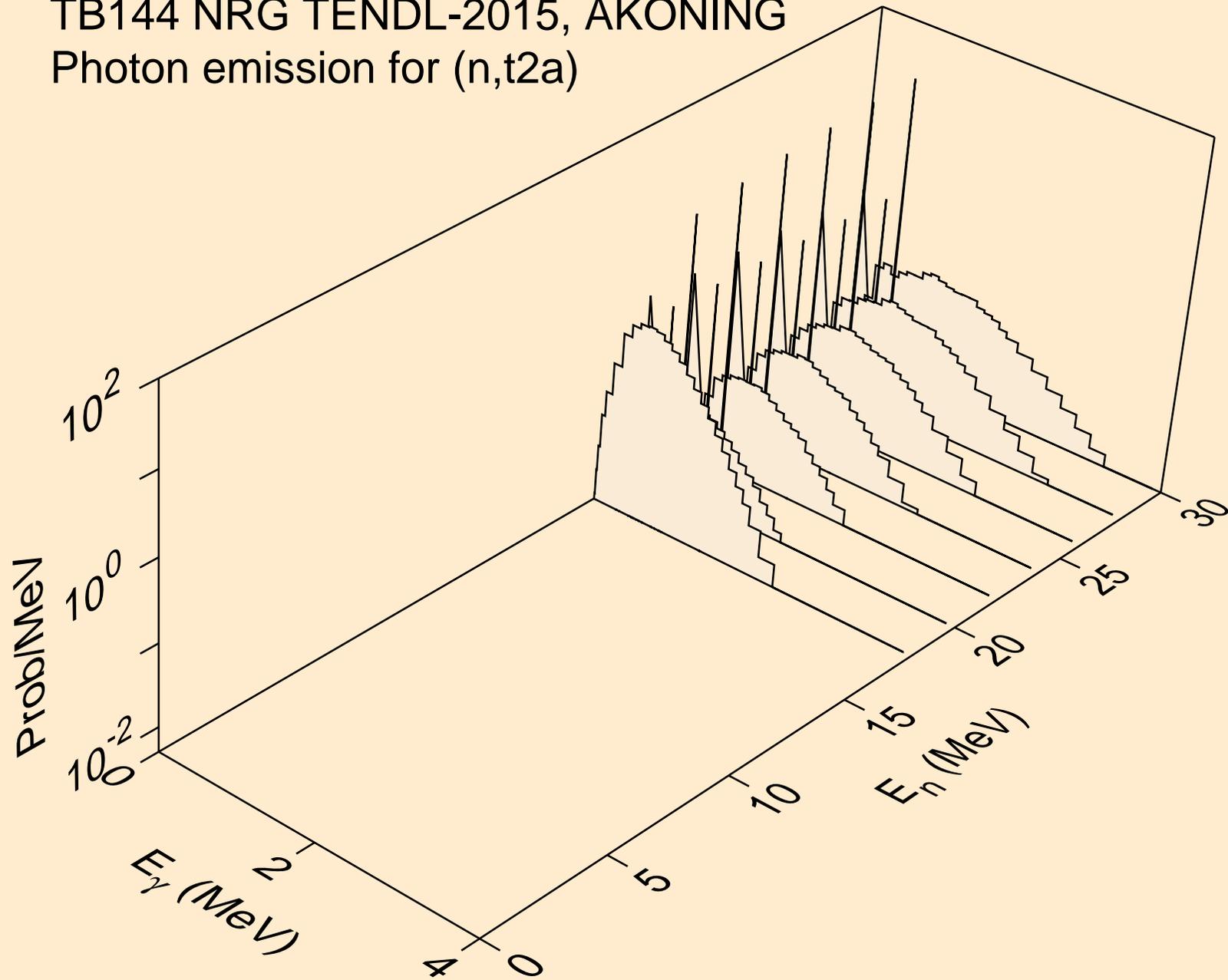
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



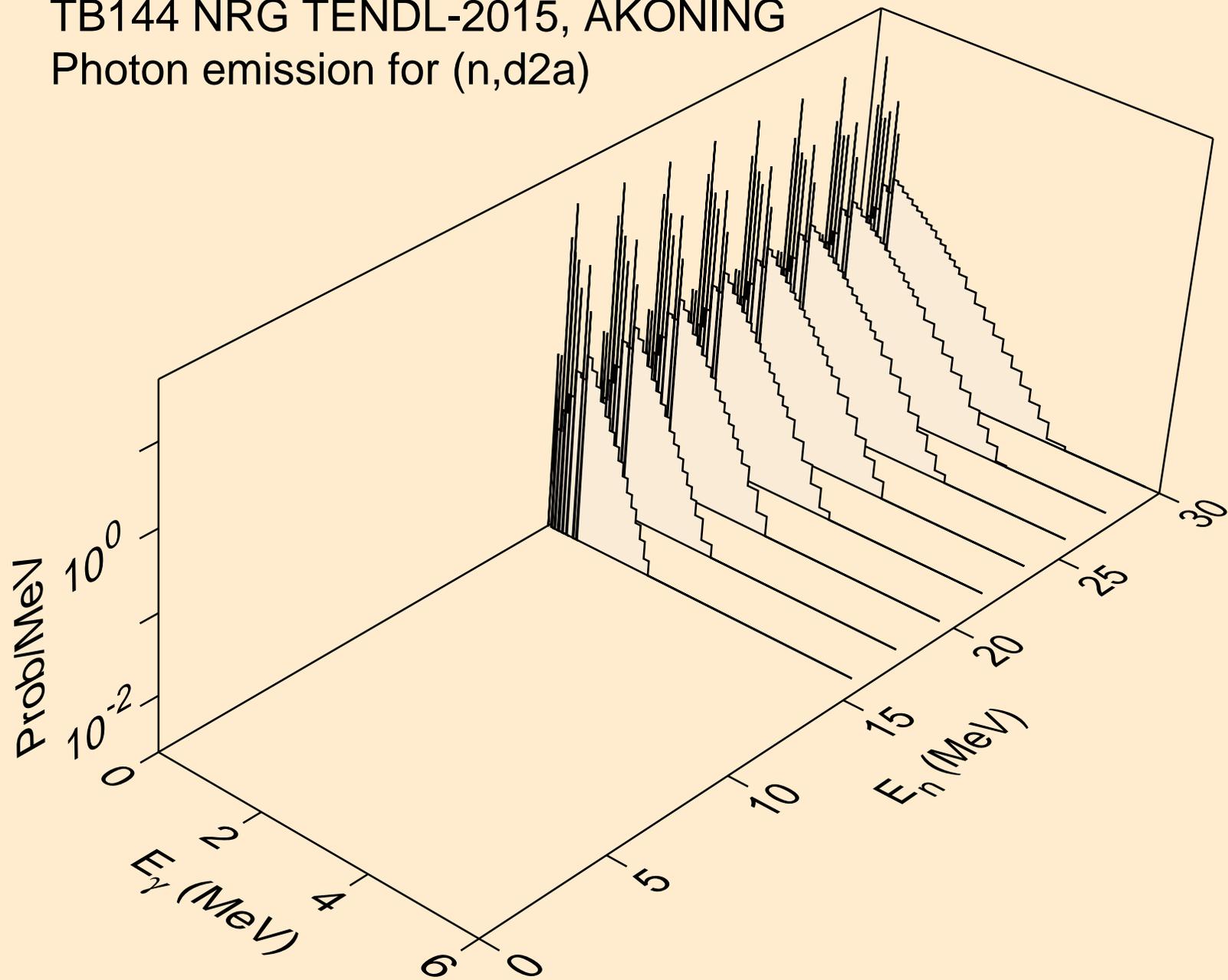
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



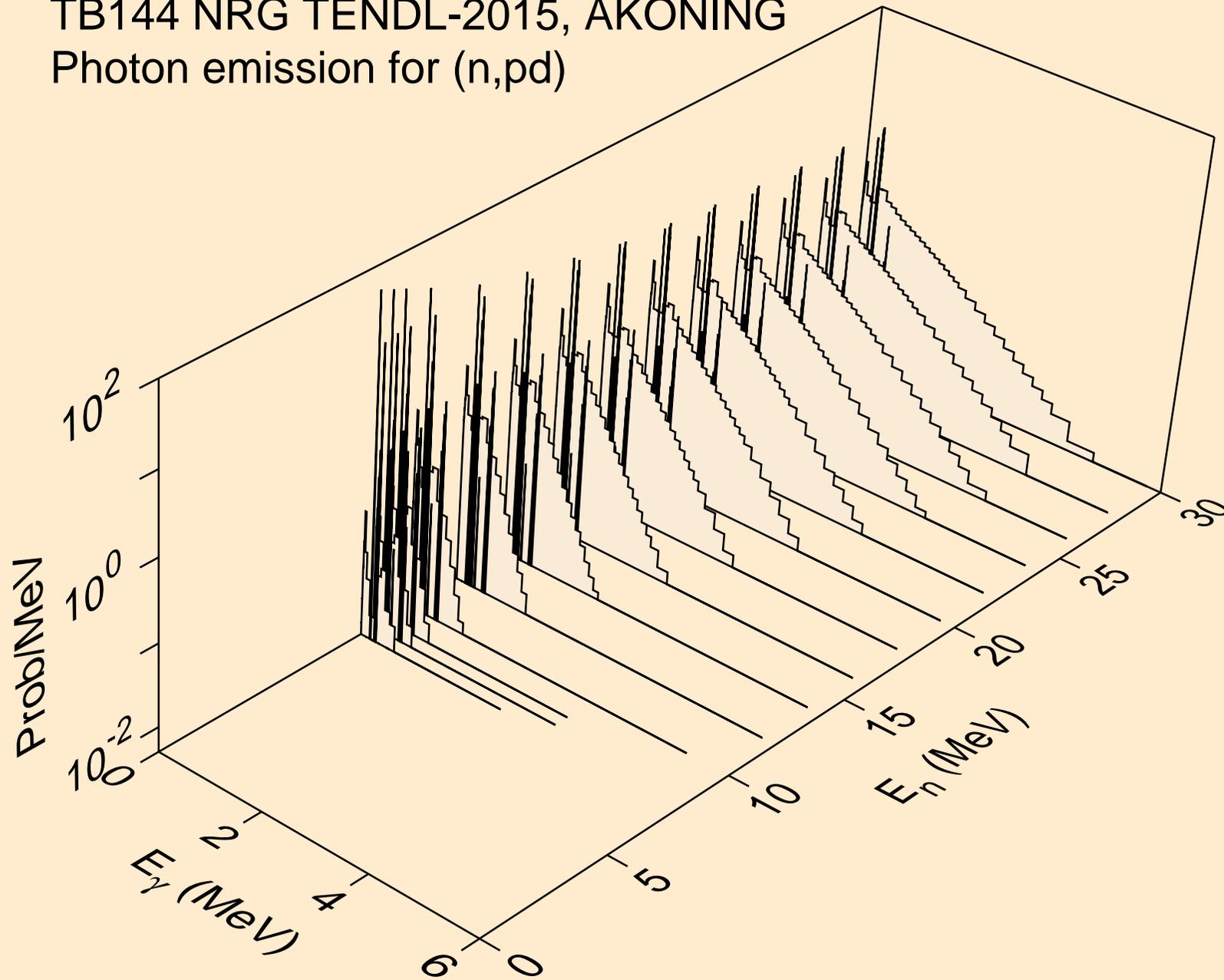
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



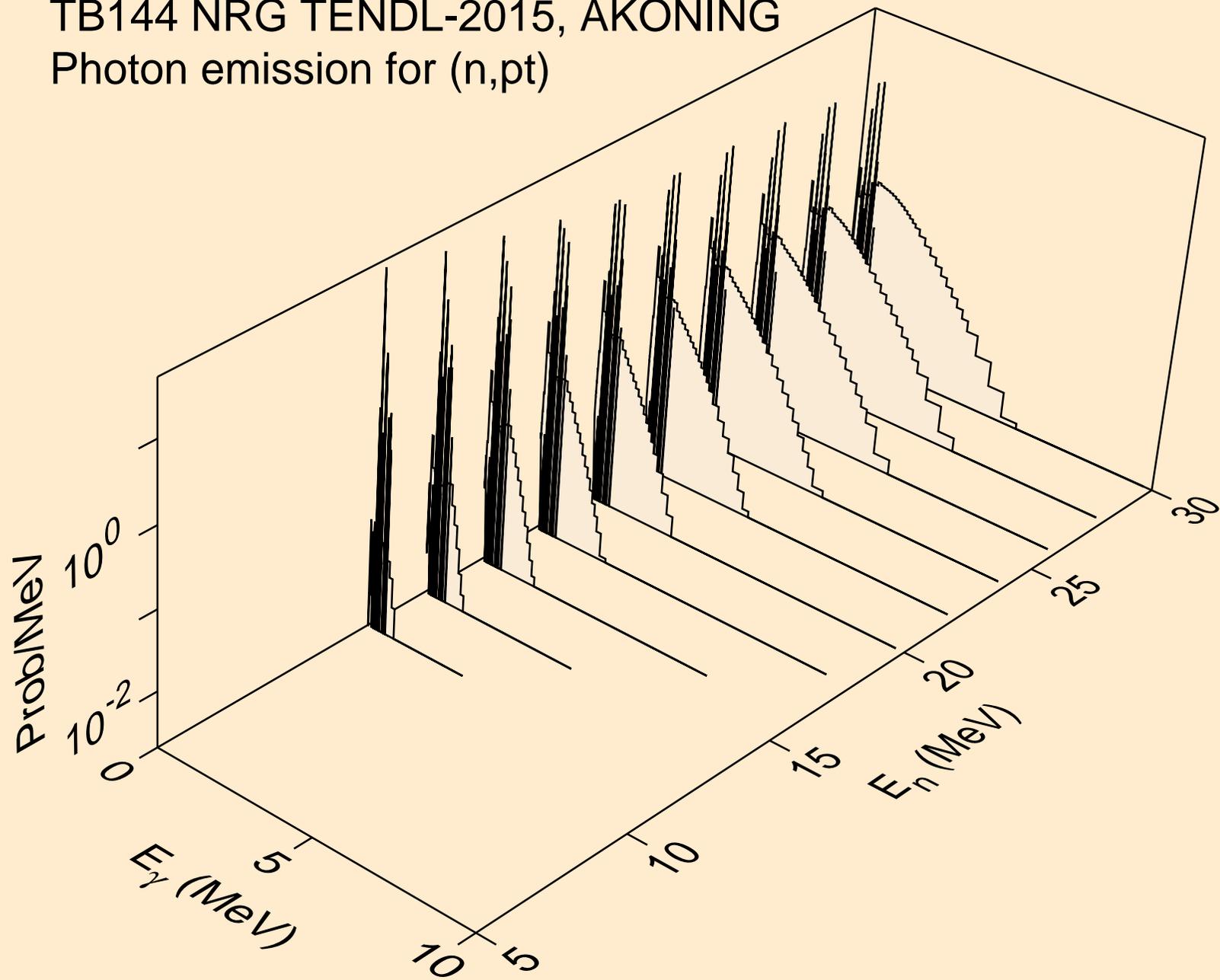
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



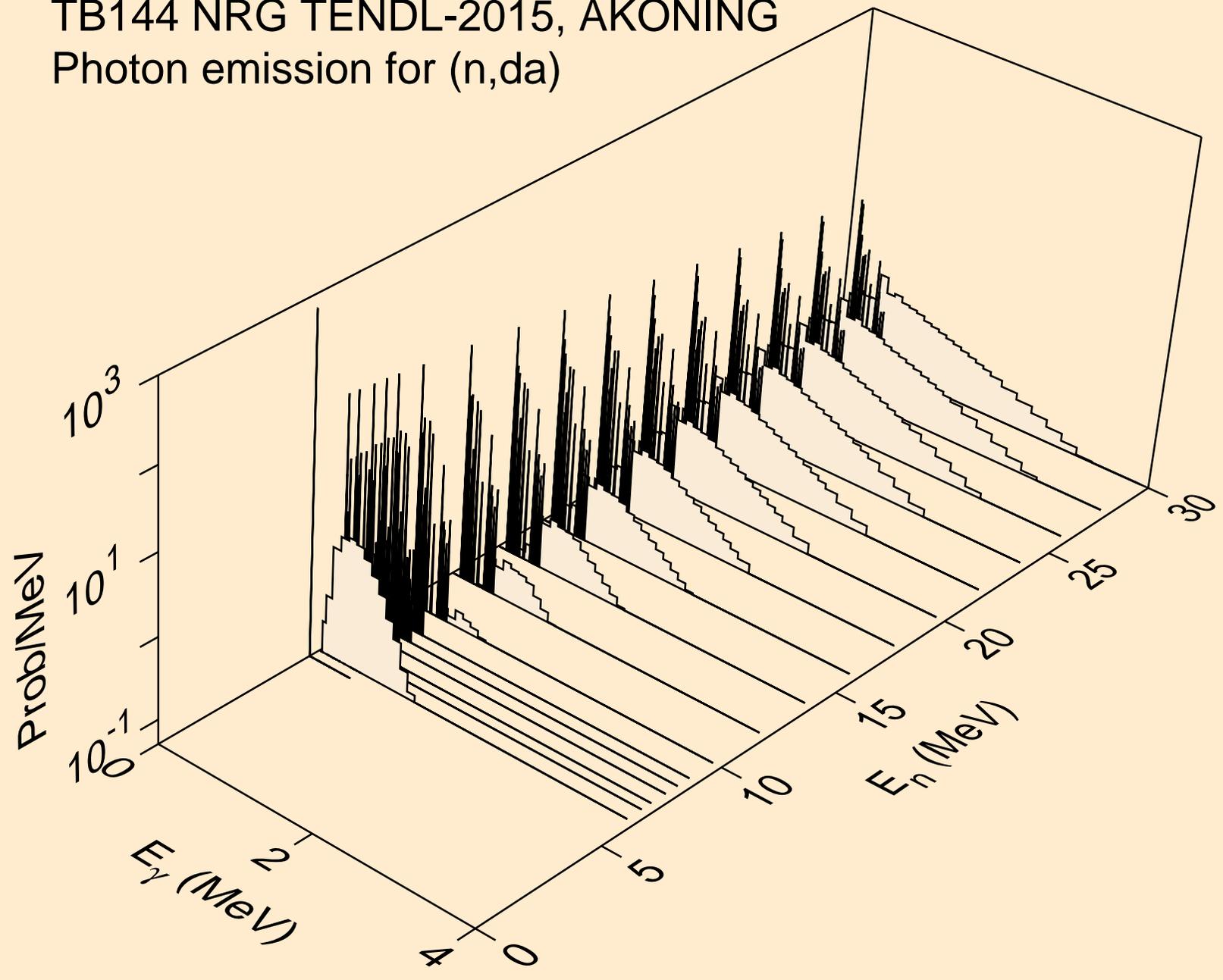
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



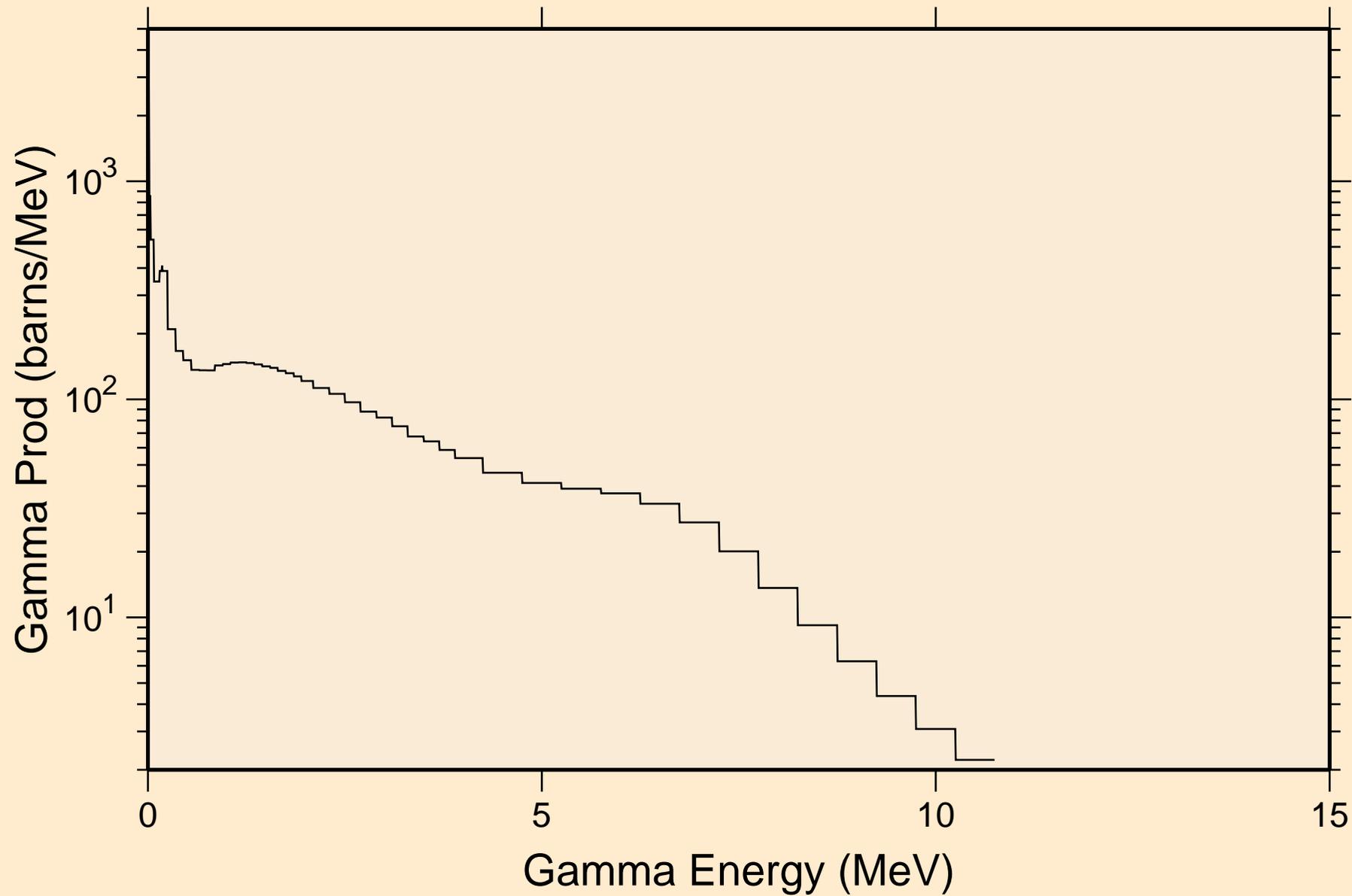
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



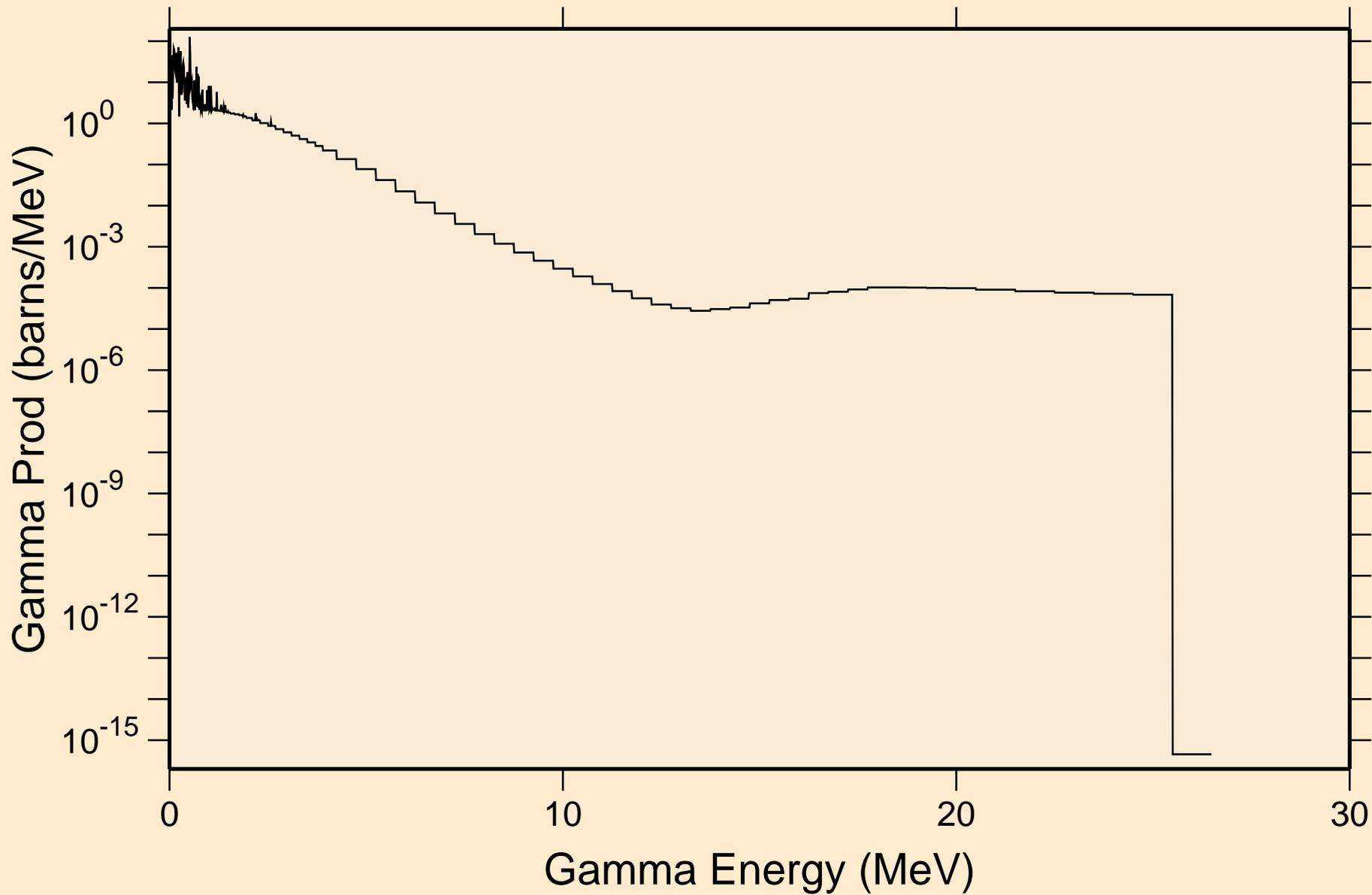
TB144 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TB144 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

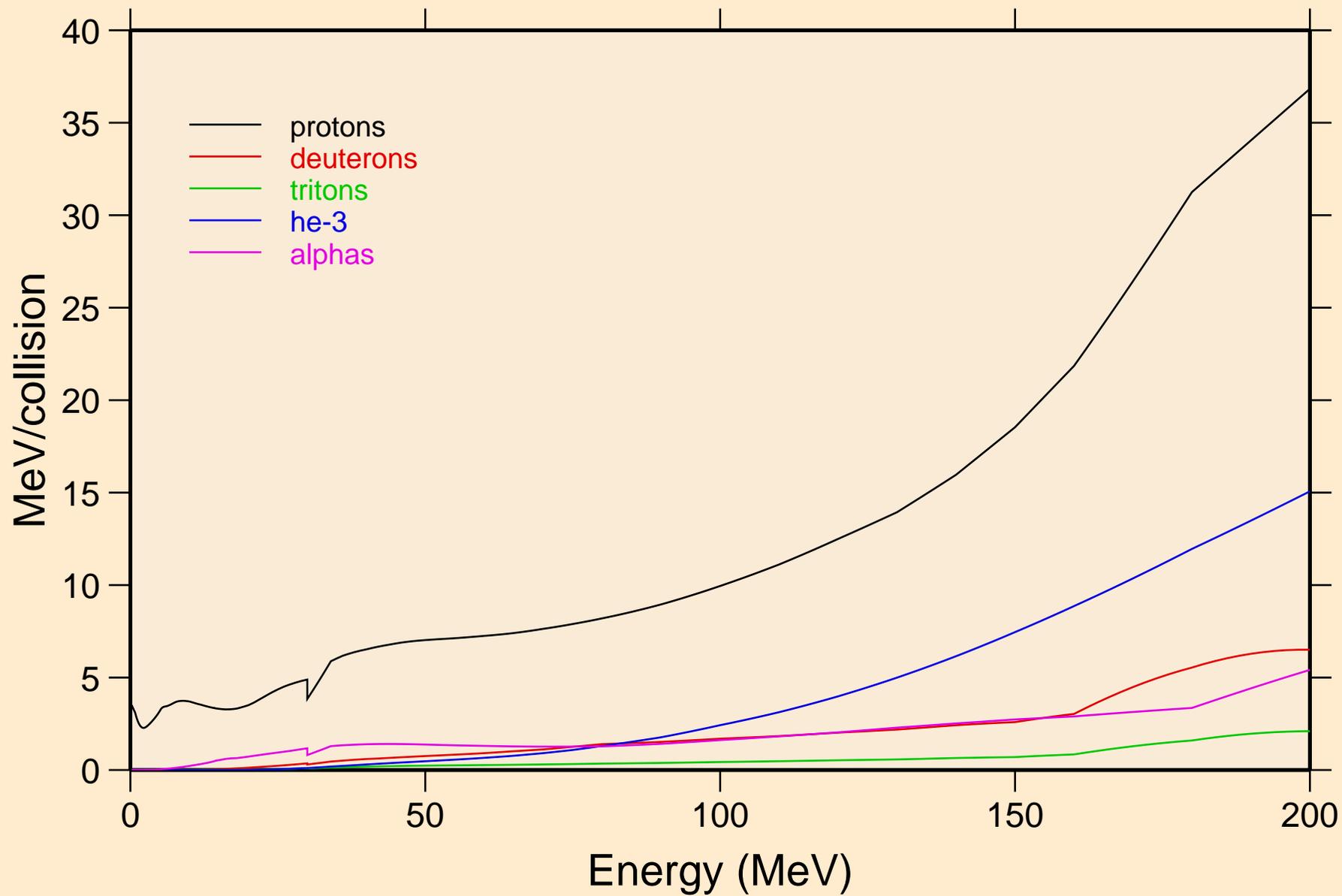


TB144 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



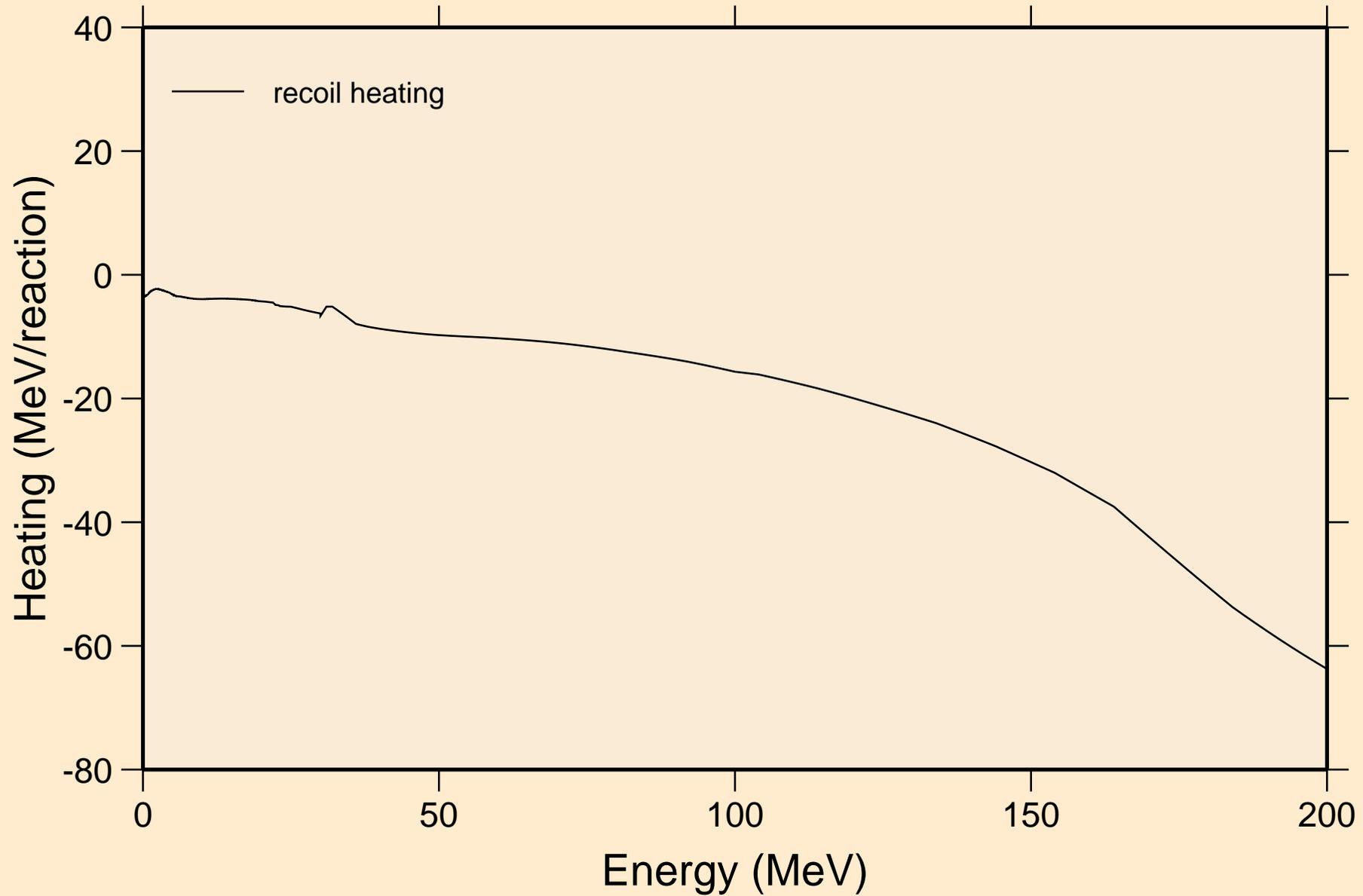
# TB144 NRG TENDL-2015, AKONING

## Particle heating contributions



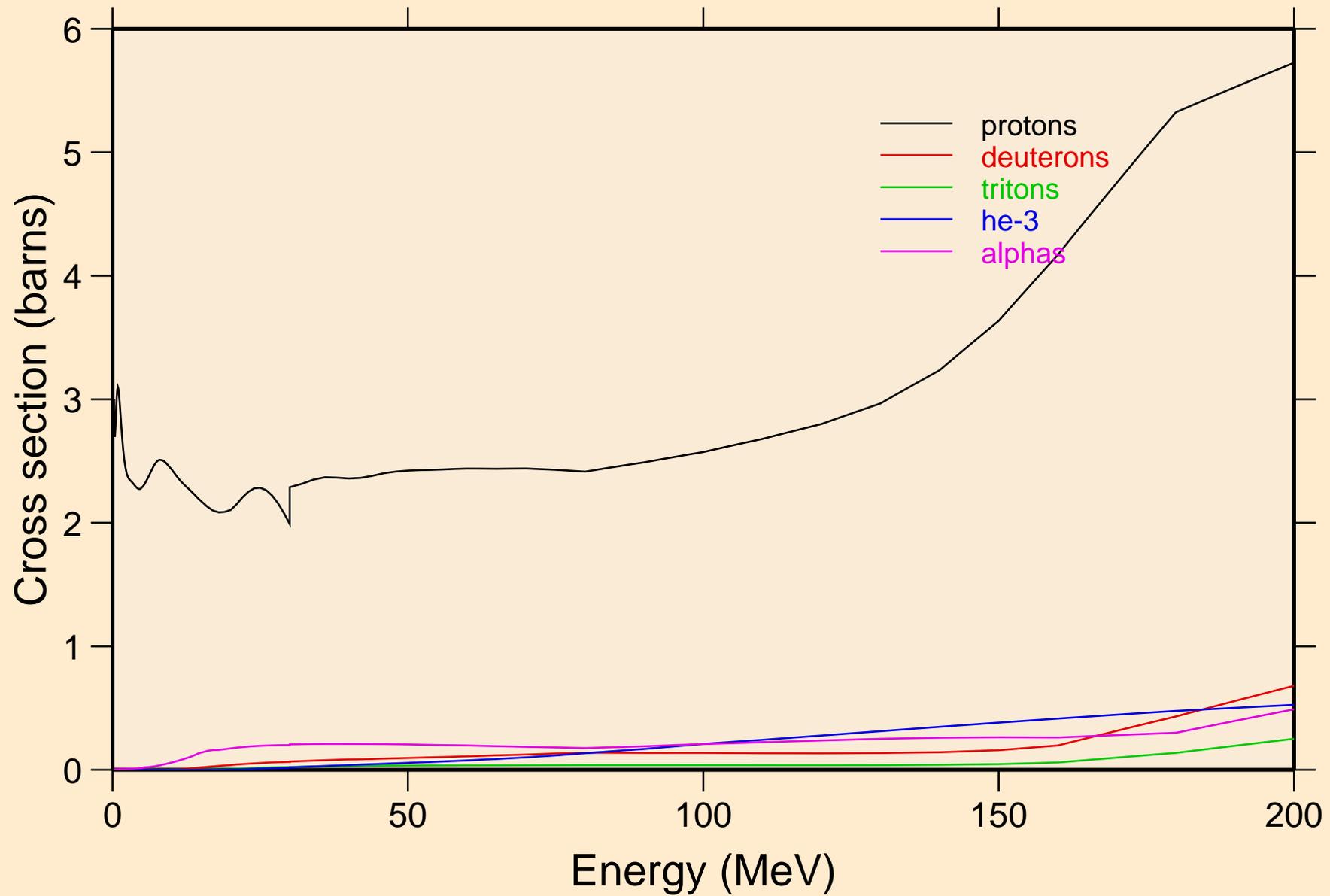
# TB144 NRG TENDL-2015, AKONING

## Recoil Heating

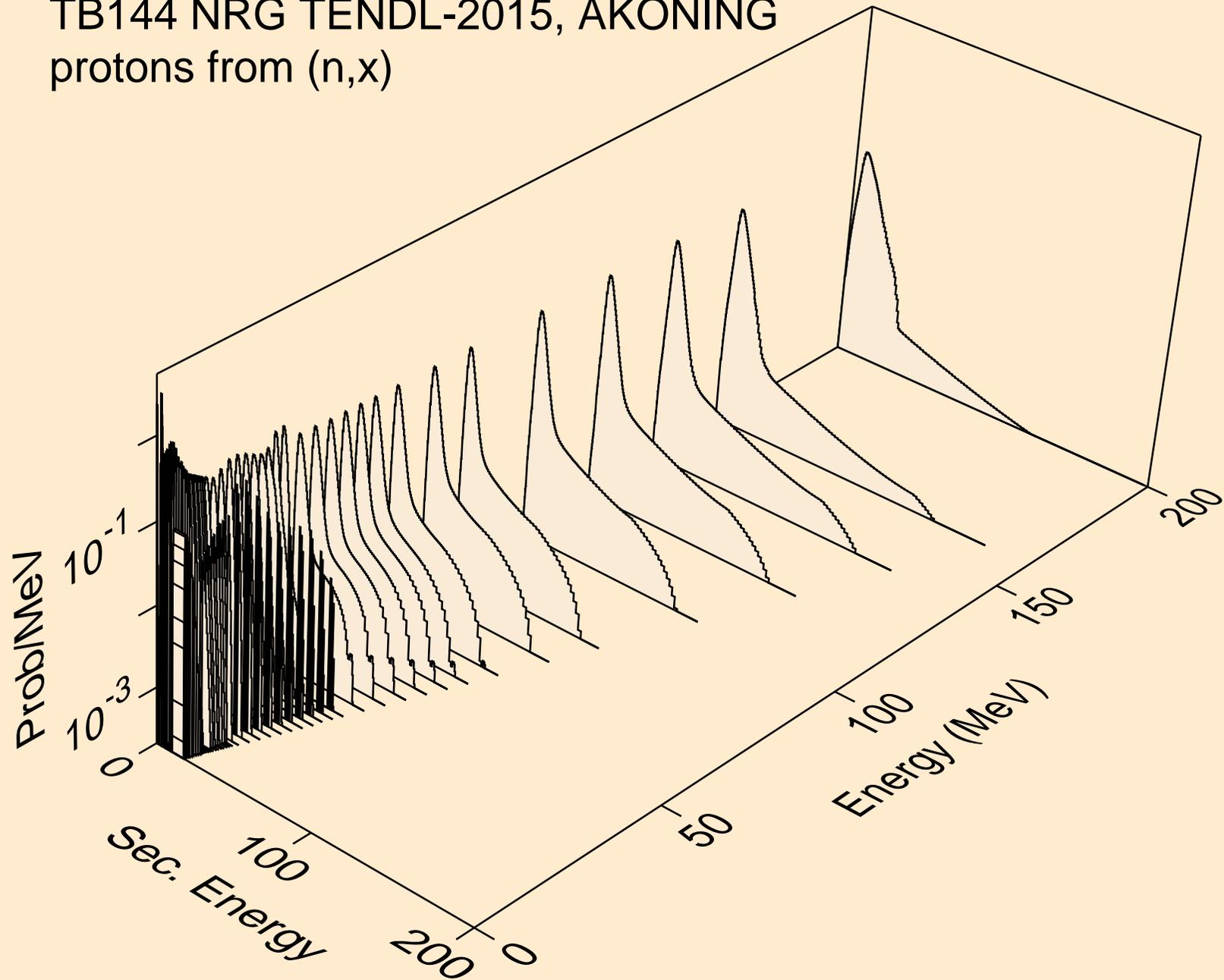


# TB144 NRG TENDL-2015, AKONING

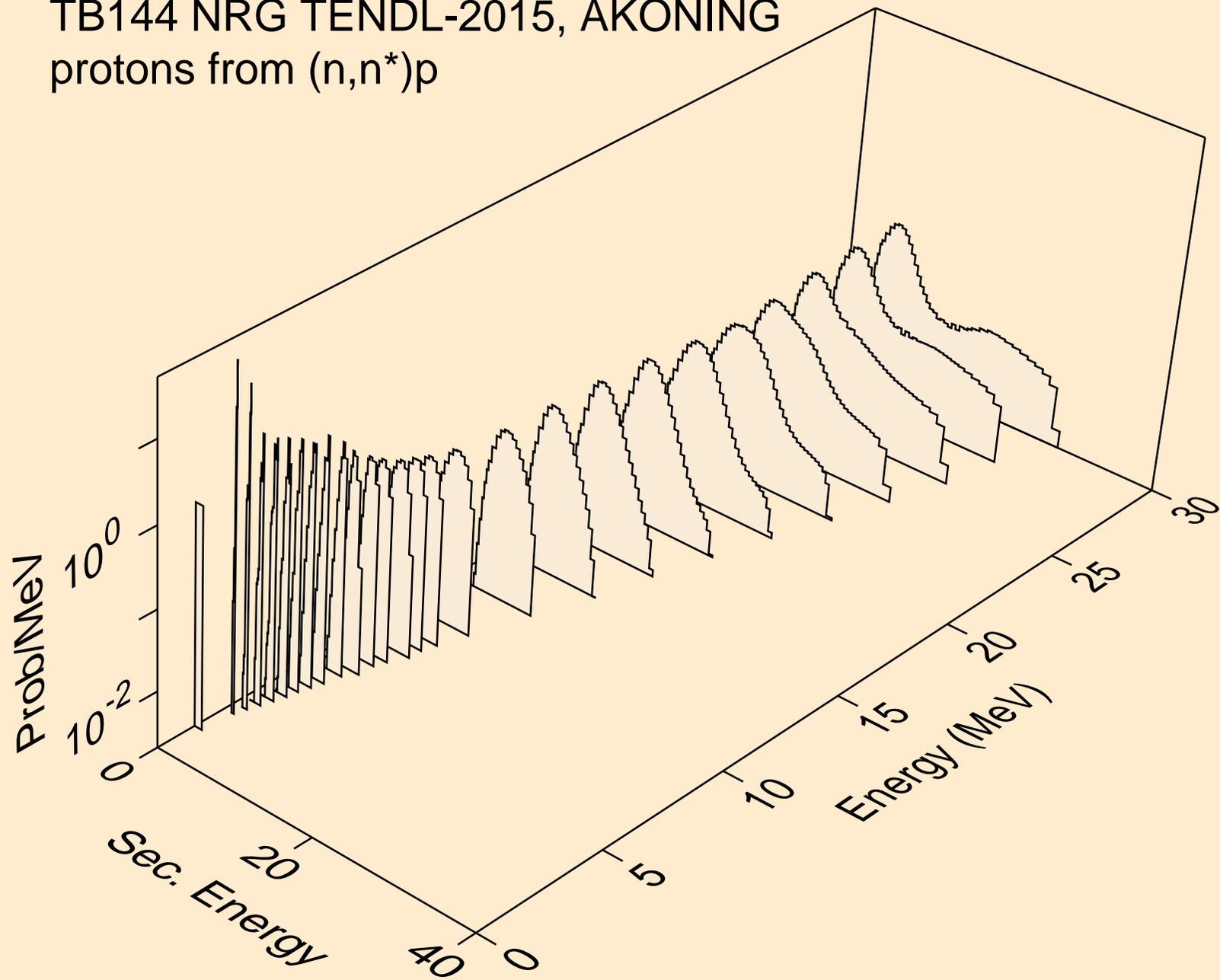
## Particle production cross sections



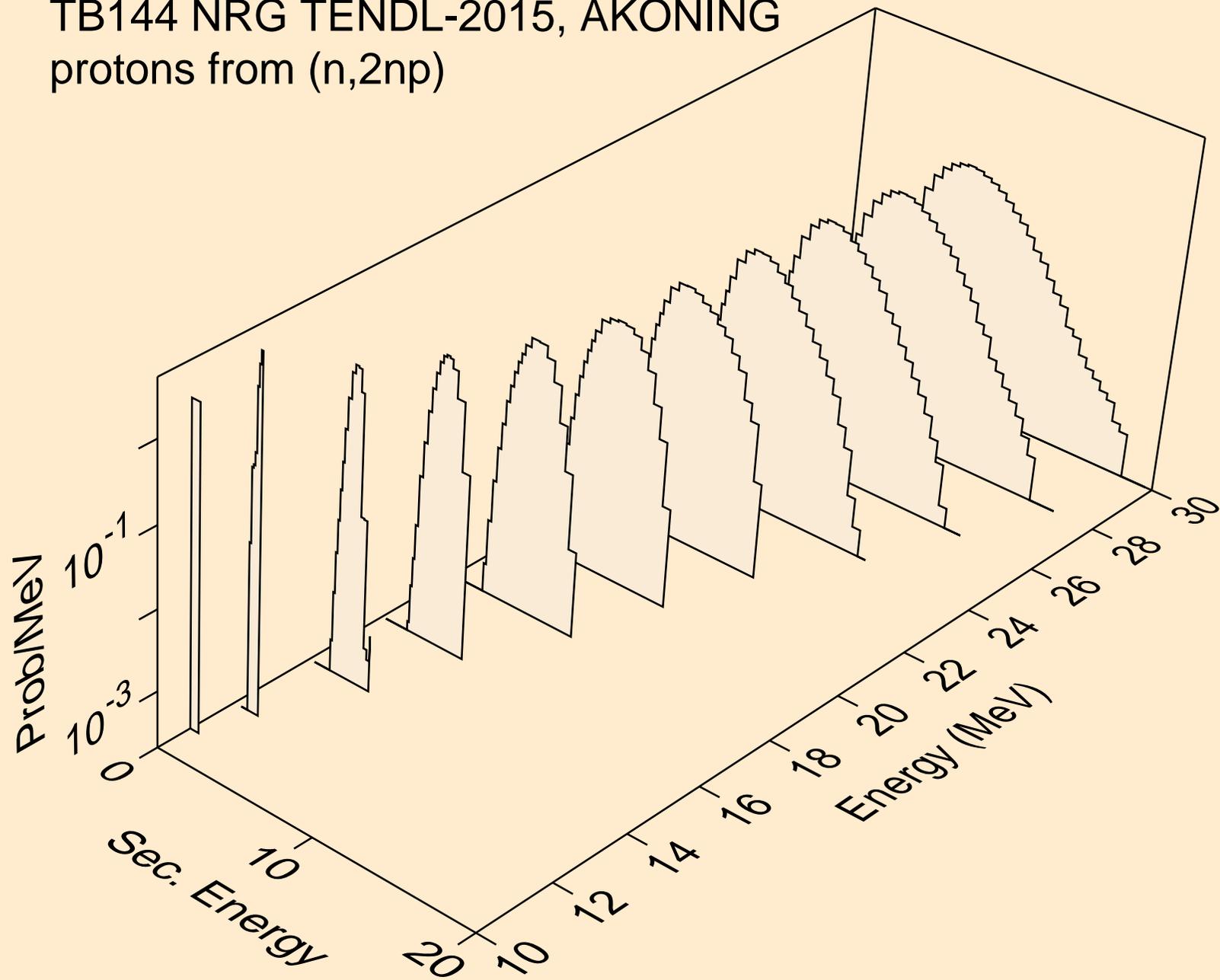
TB144 NRG TENDL-2015, AKONING  
protons from (n,x)



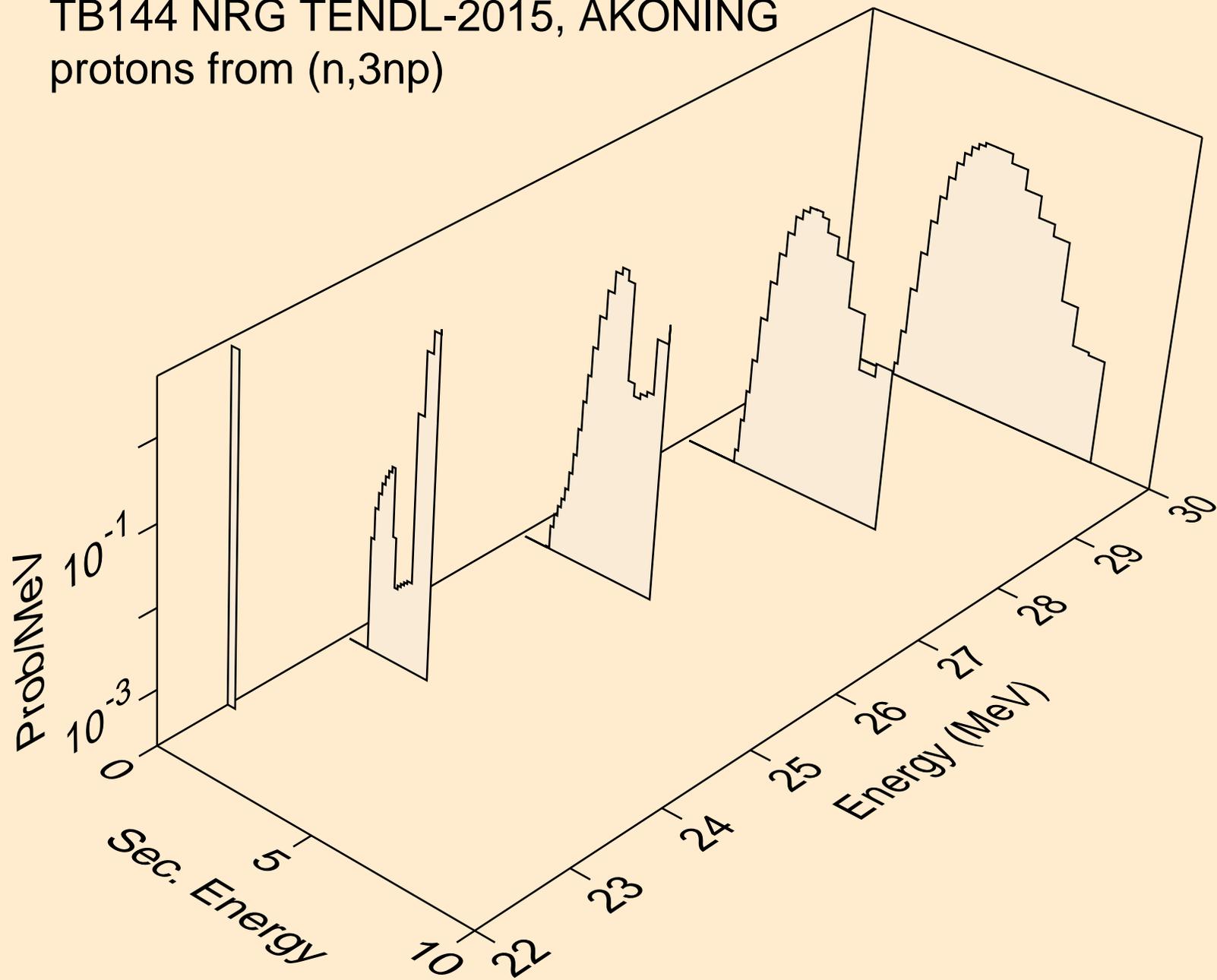
TB144 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



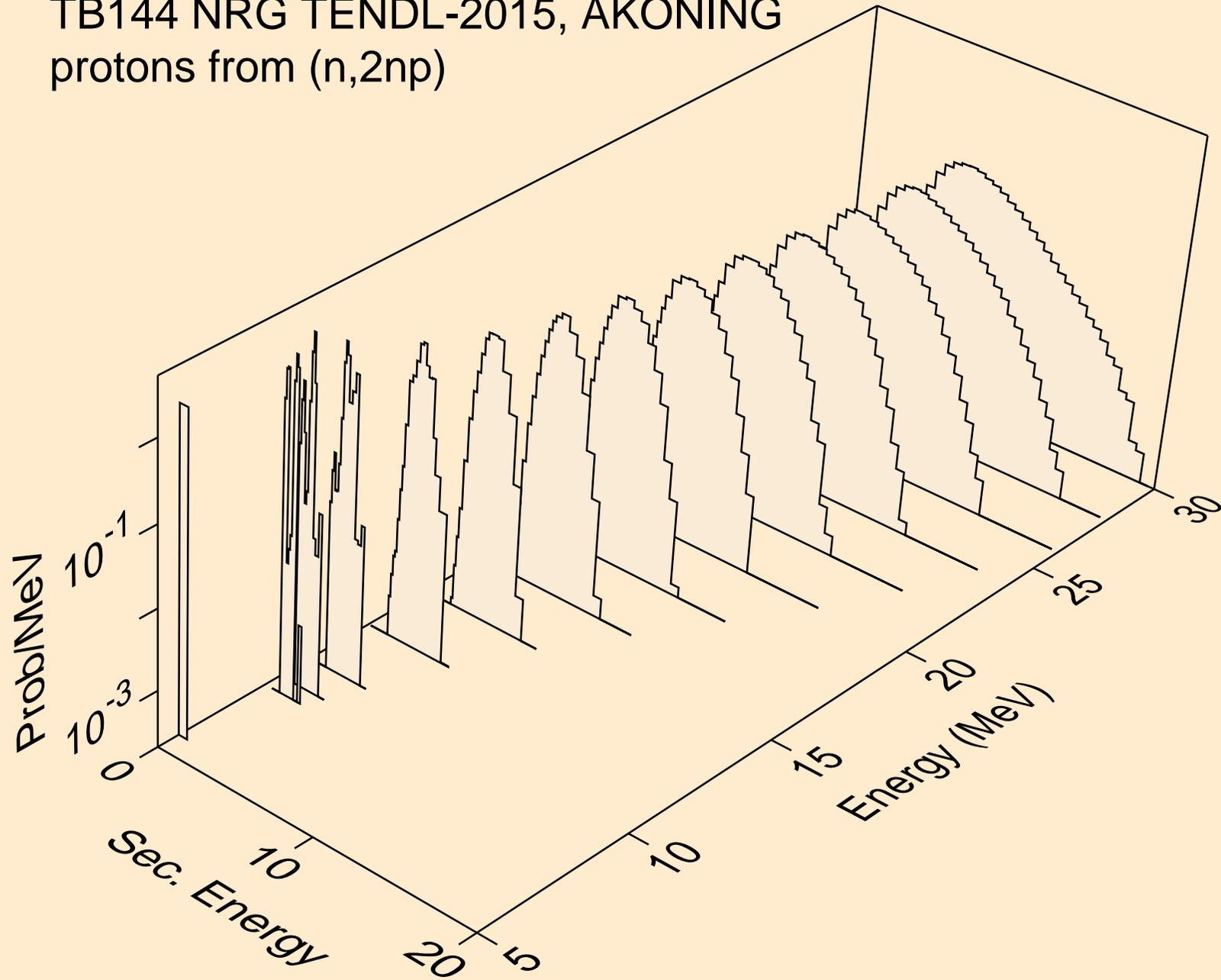
TB144 NRG TENDL-2015, AKONING  
protons from (n,2np)



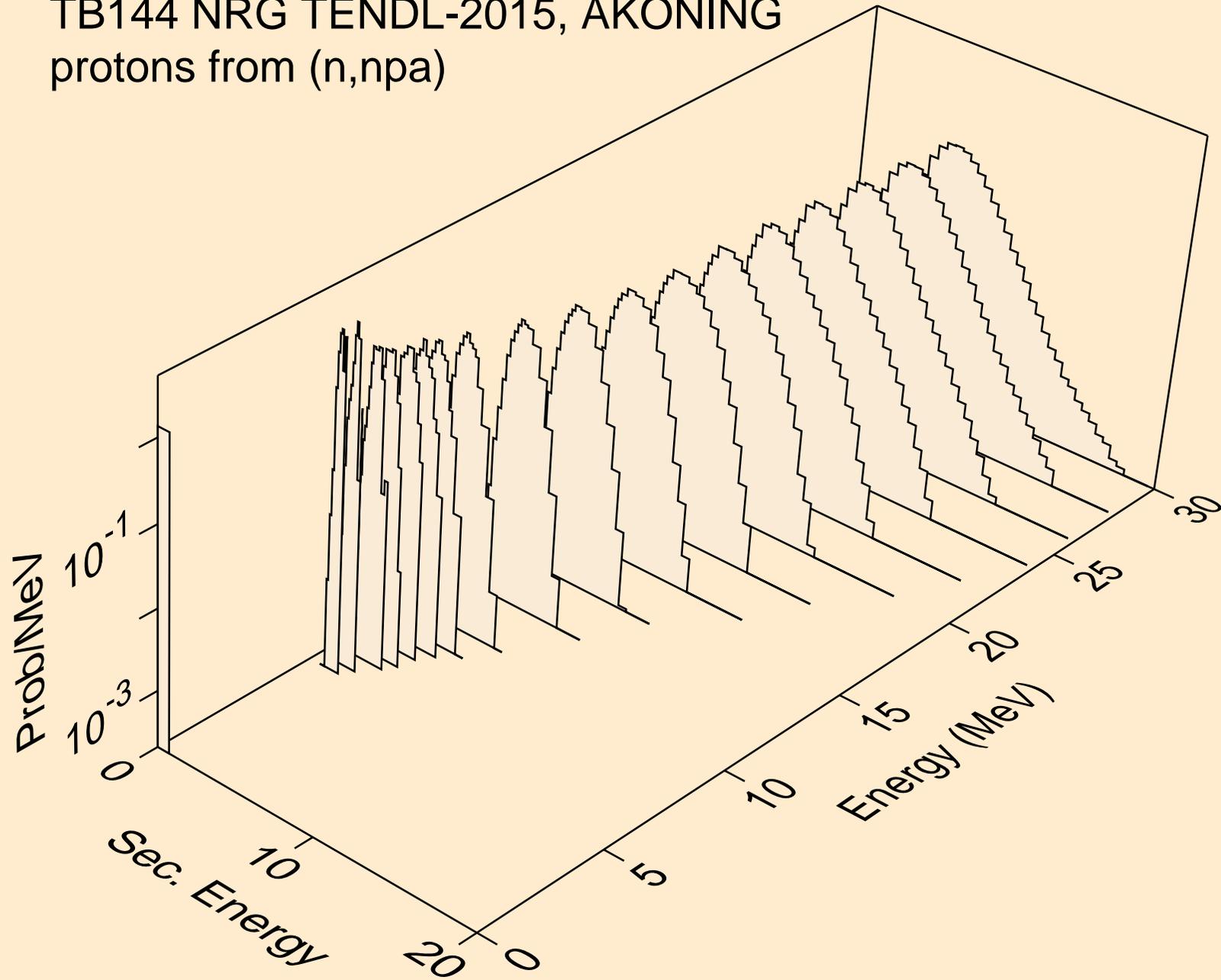
TB144 NRG TENDL-2015, AKONING  
protons from (n,3np)



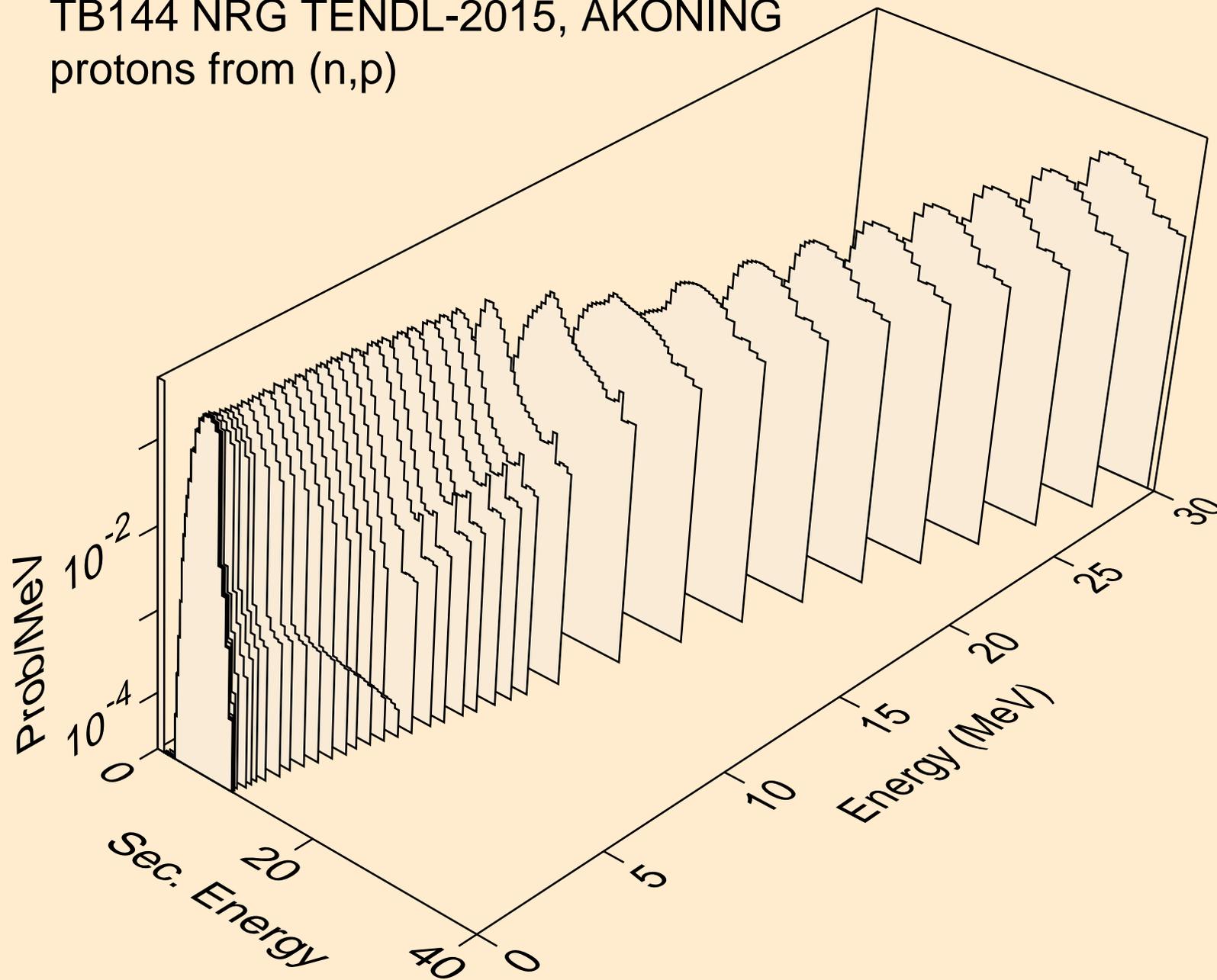
TB144 NRG TENDL-2015, AKONING  
protons from (n,2np)



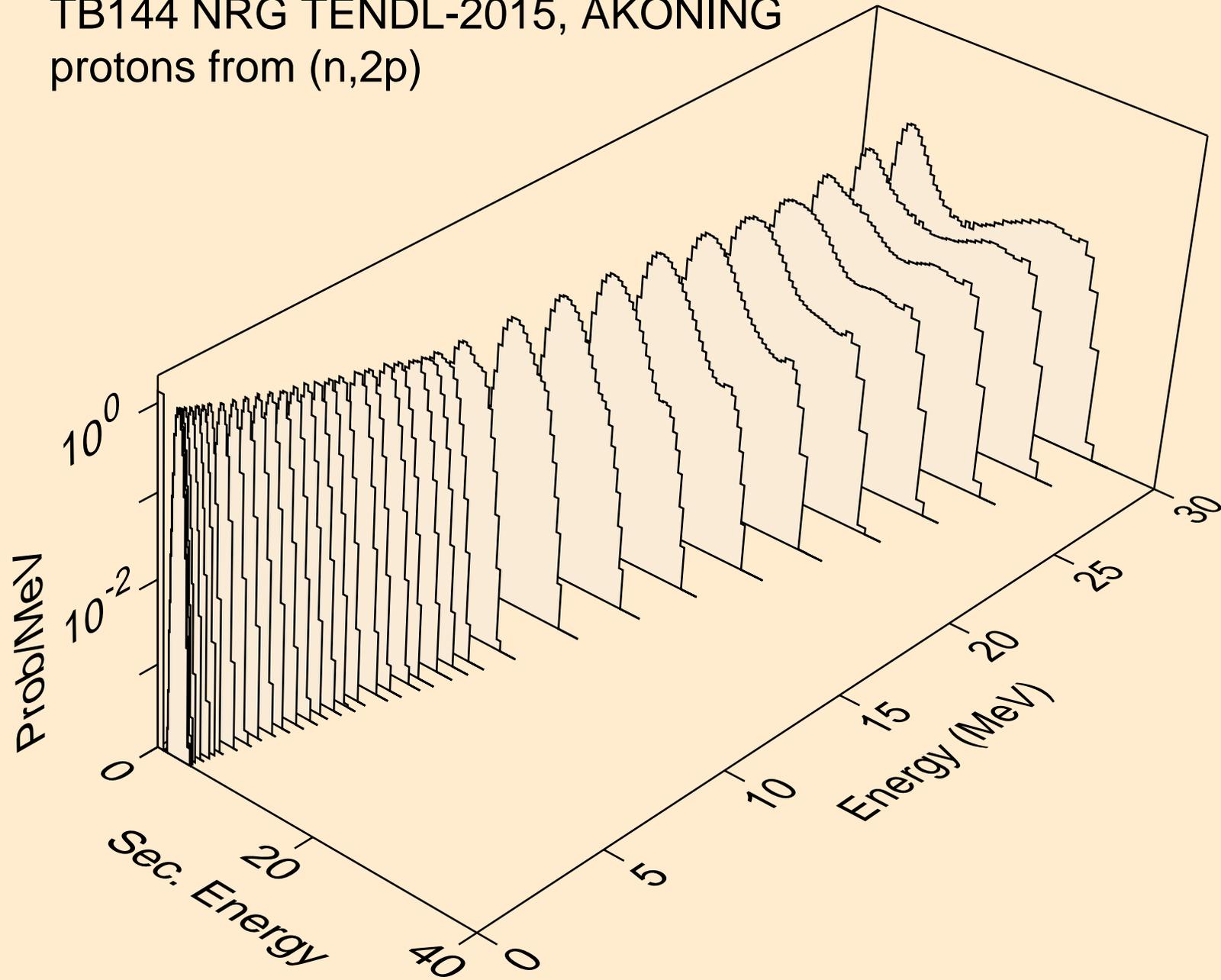
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protons from (n,npa)



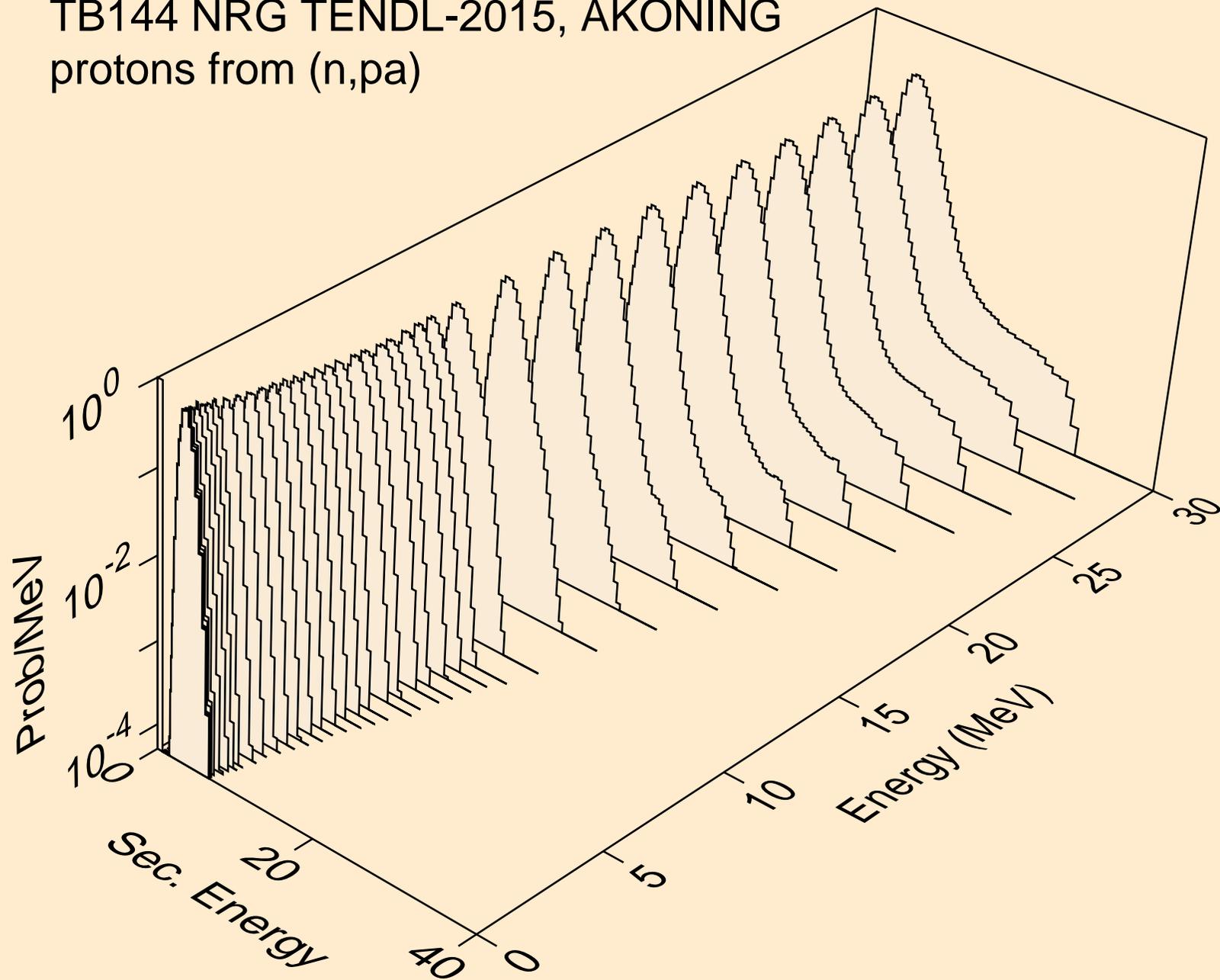
TB144 NRG TENDL-2015, AKONING  
protons from (n,p)



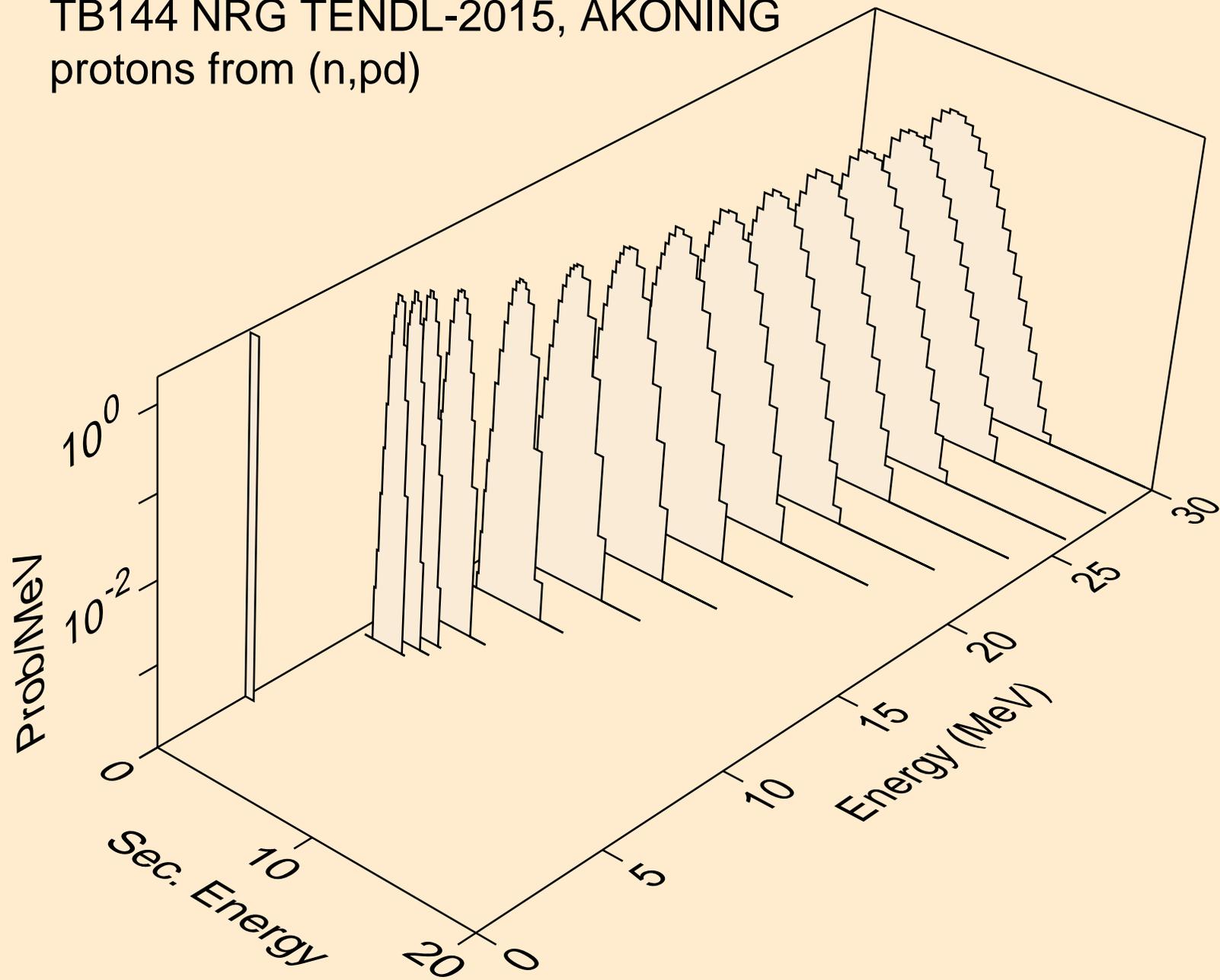
TB144 NRG TENDL-2015, AKONING  
protons from (n,2p)



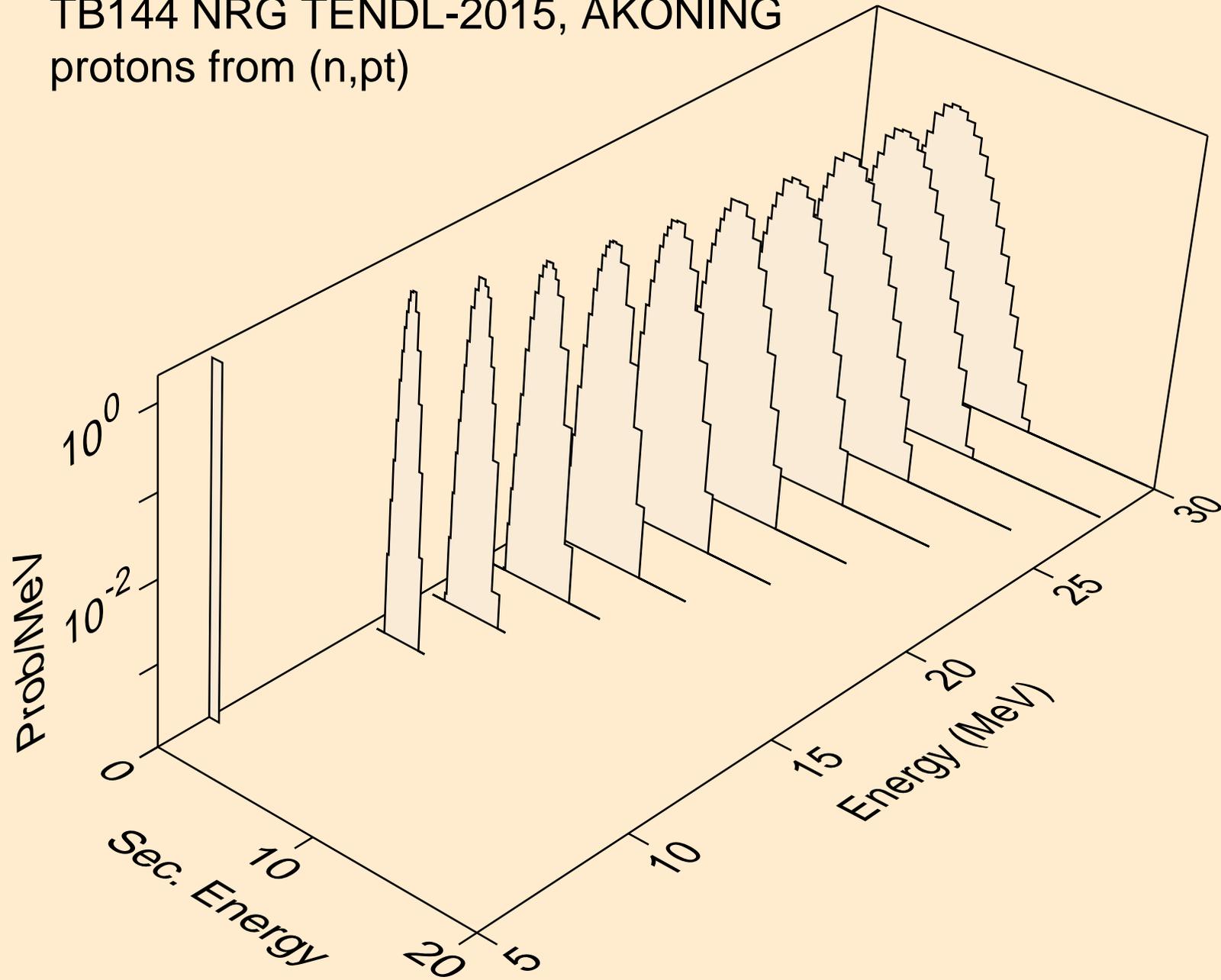
TB144 NRG TENDL-2015, AKONING  
protons from (n,pa)



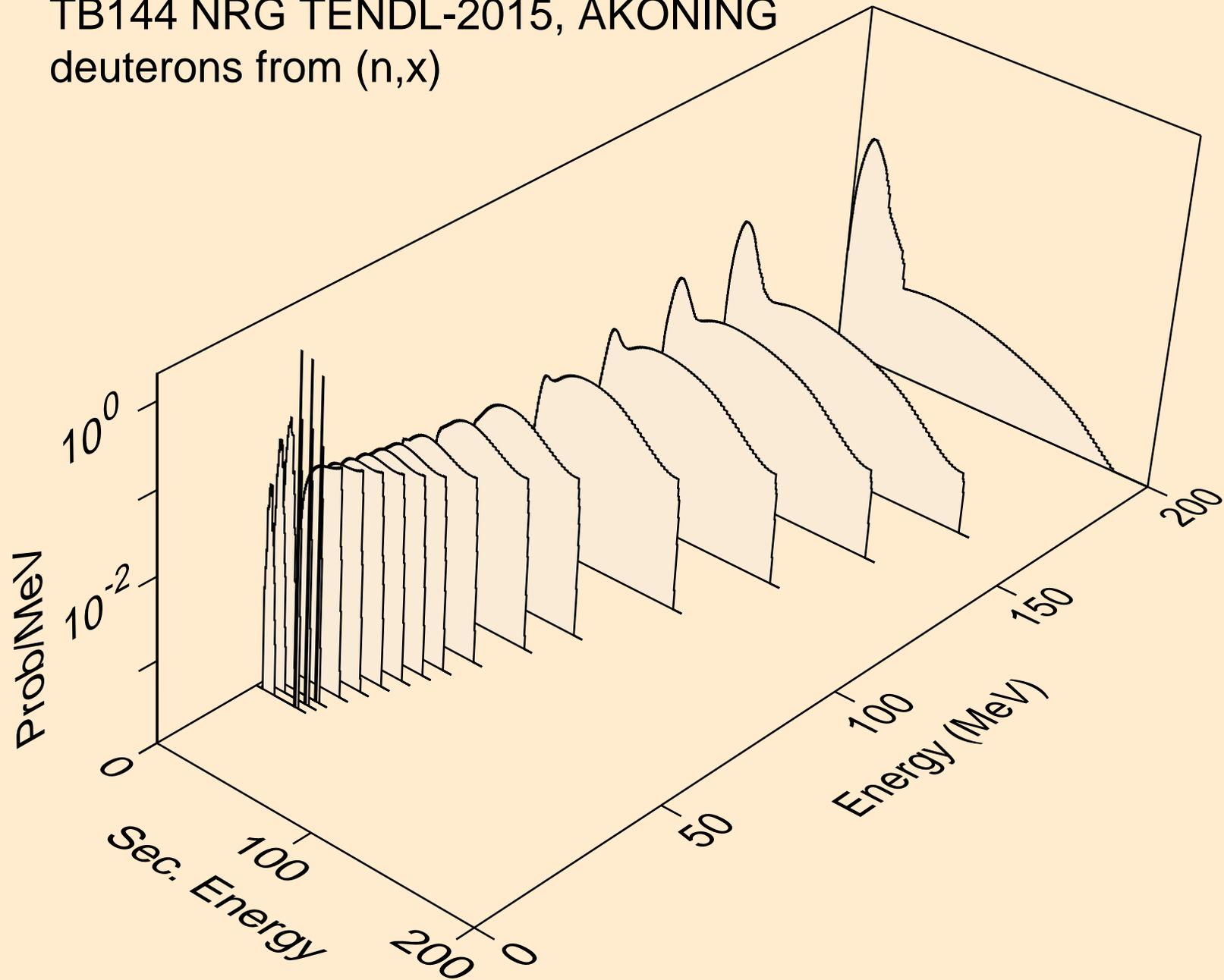
TB144 NRG TENDL-2015, AKONING  
protons from (n,pd)



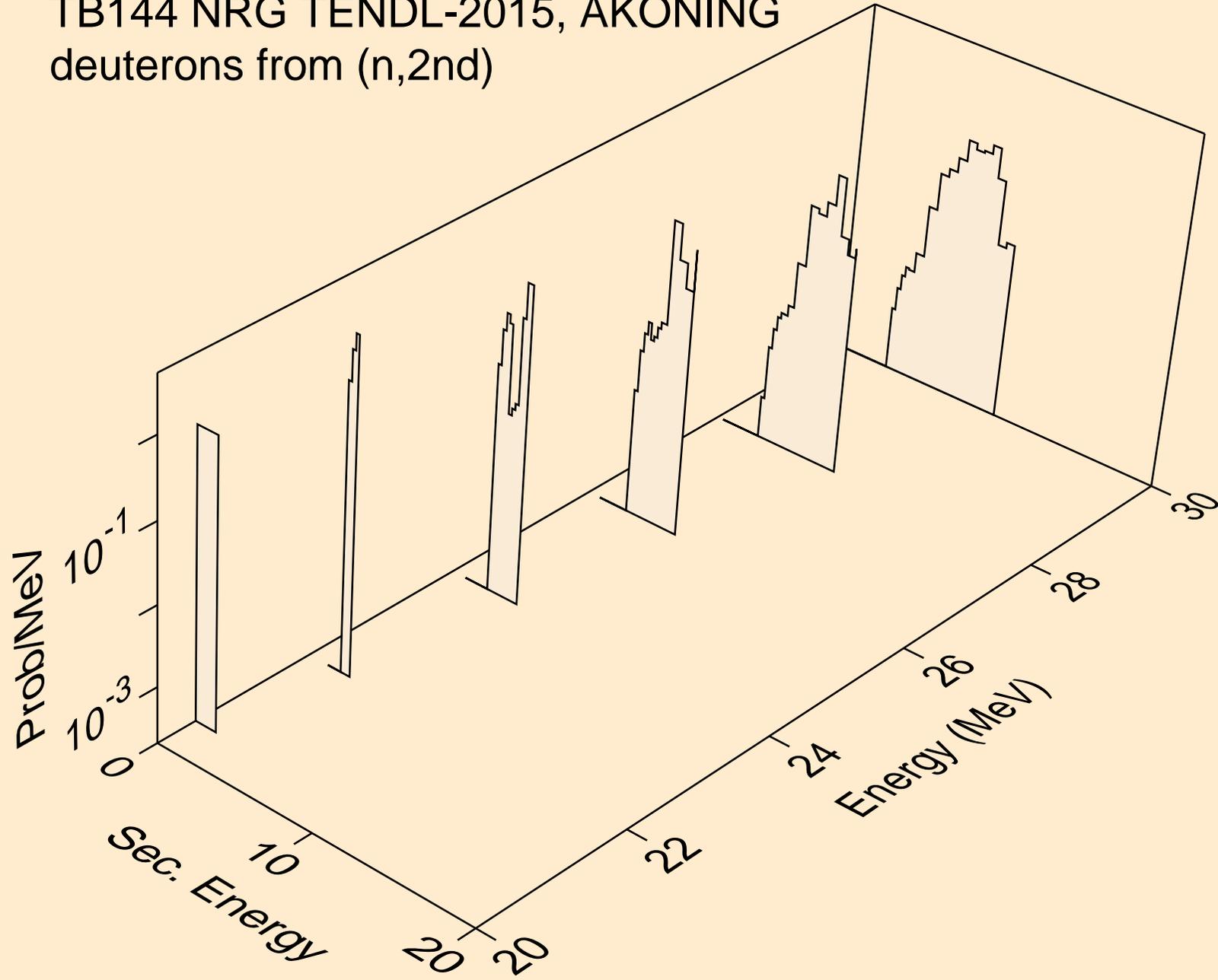
TB144 NRG TENDL-2015, AKONING  
protons from (n,pt)



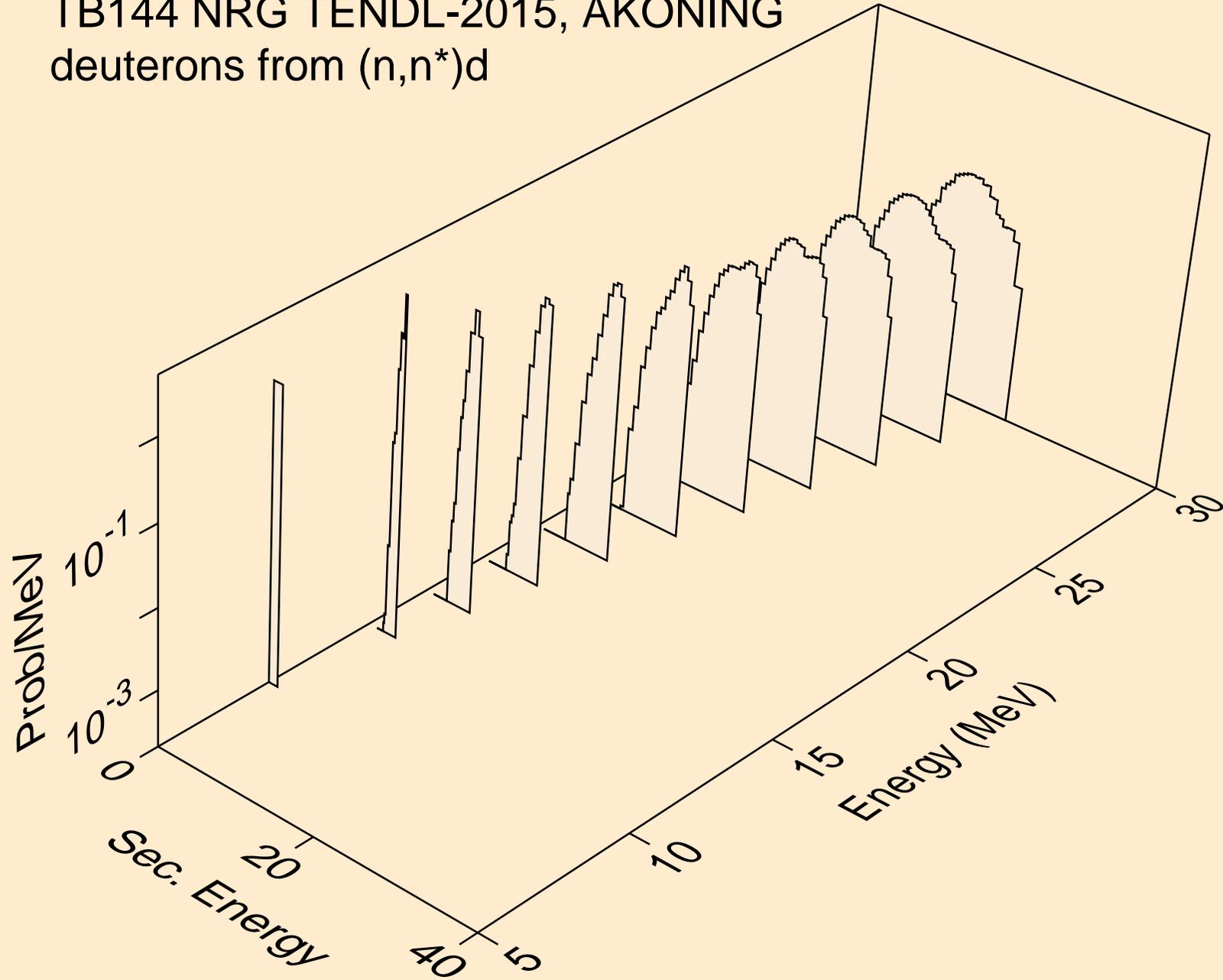
TB144 NRG TENDL-2015, AKONING  
deuterons from (n,x)



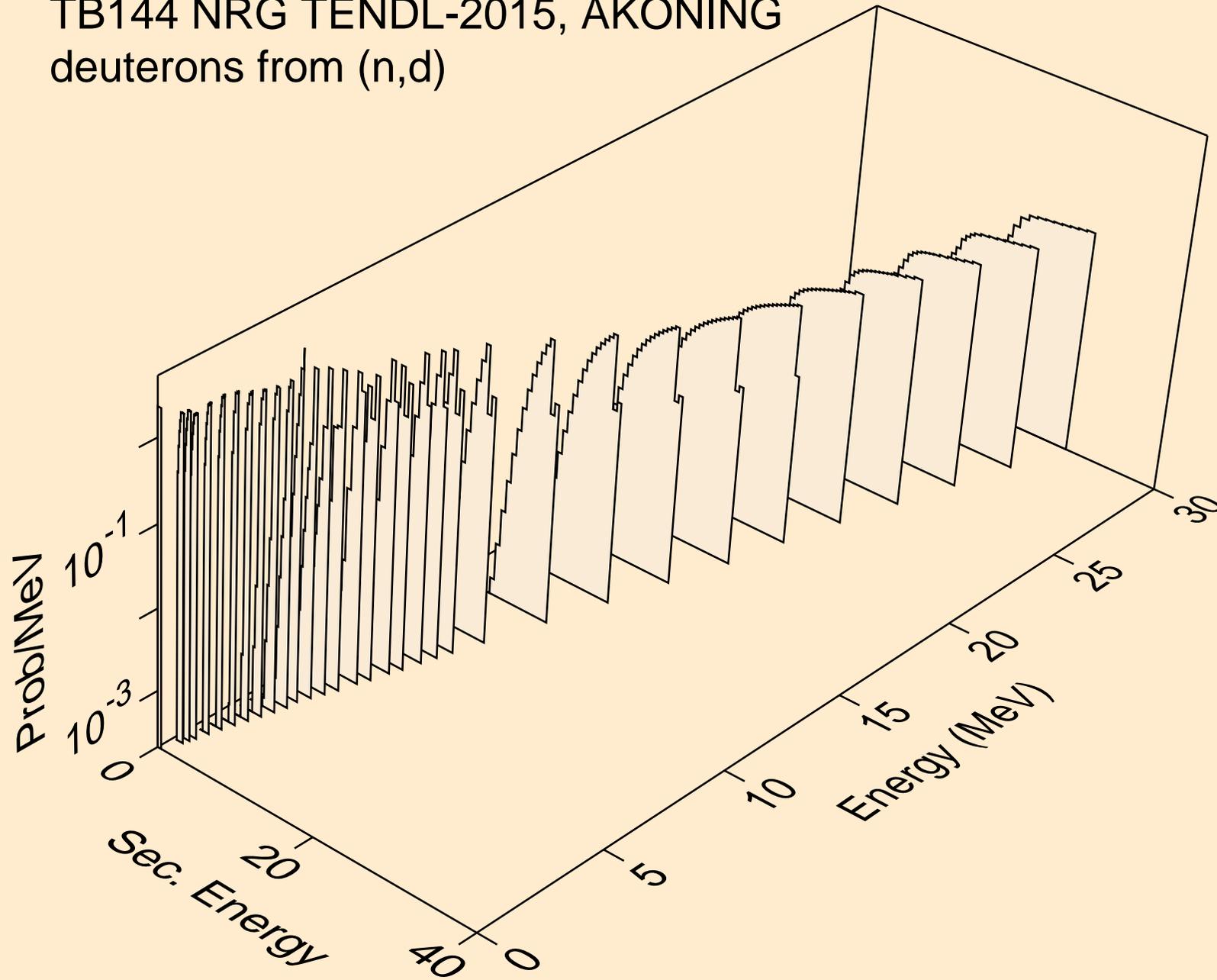
TB144 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



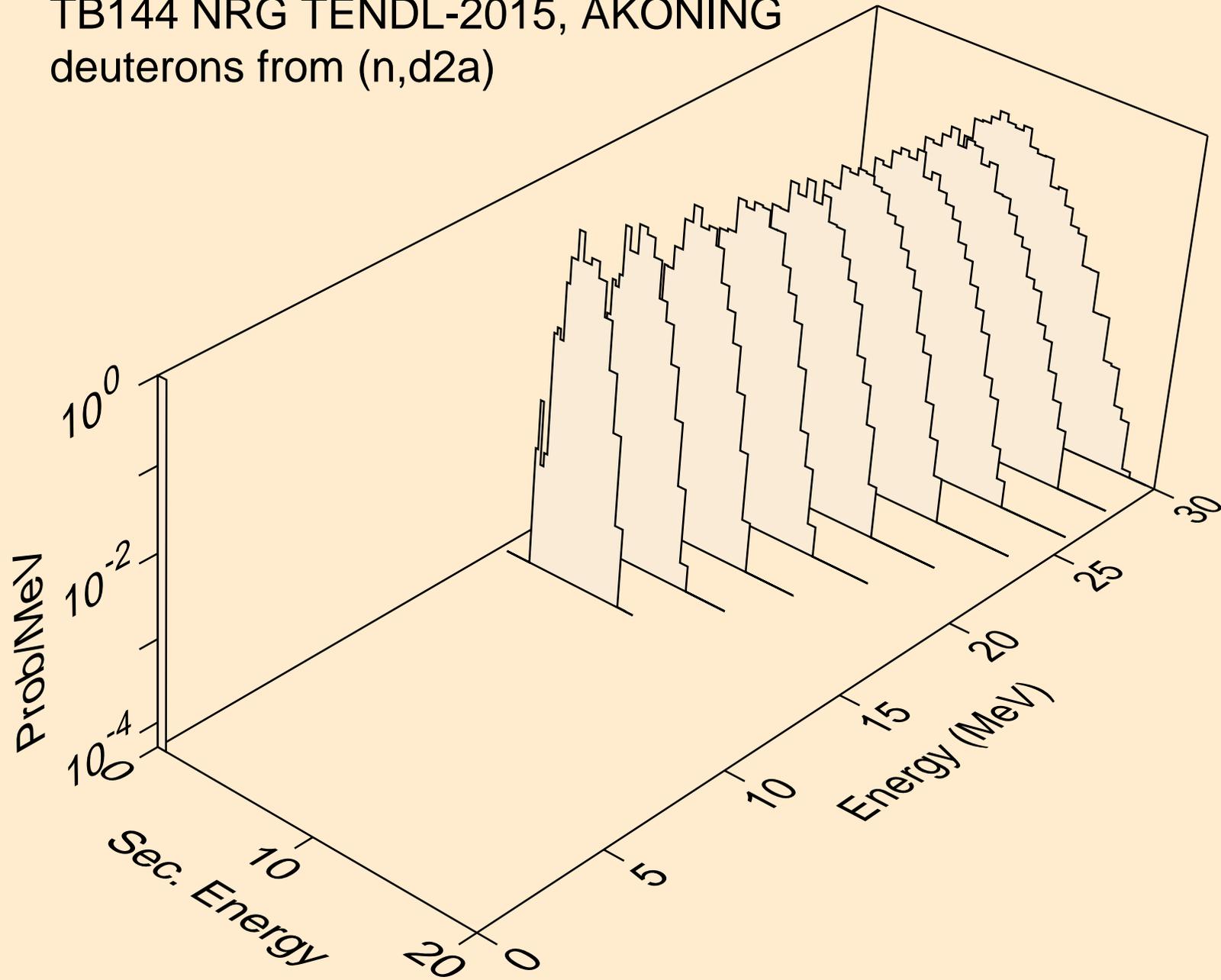
TB144 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



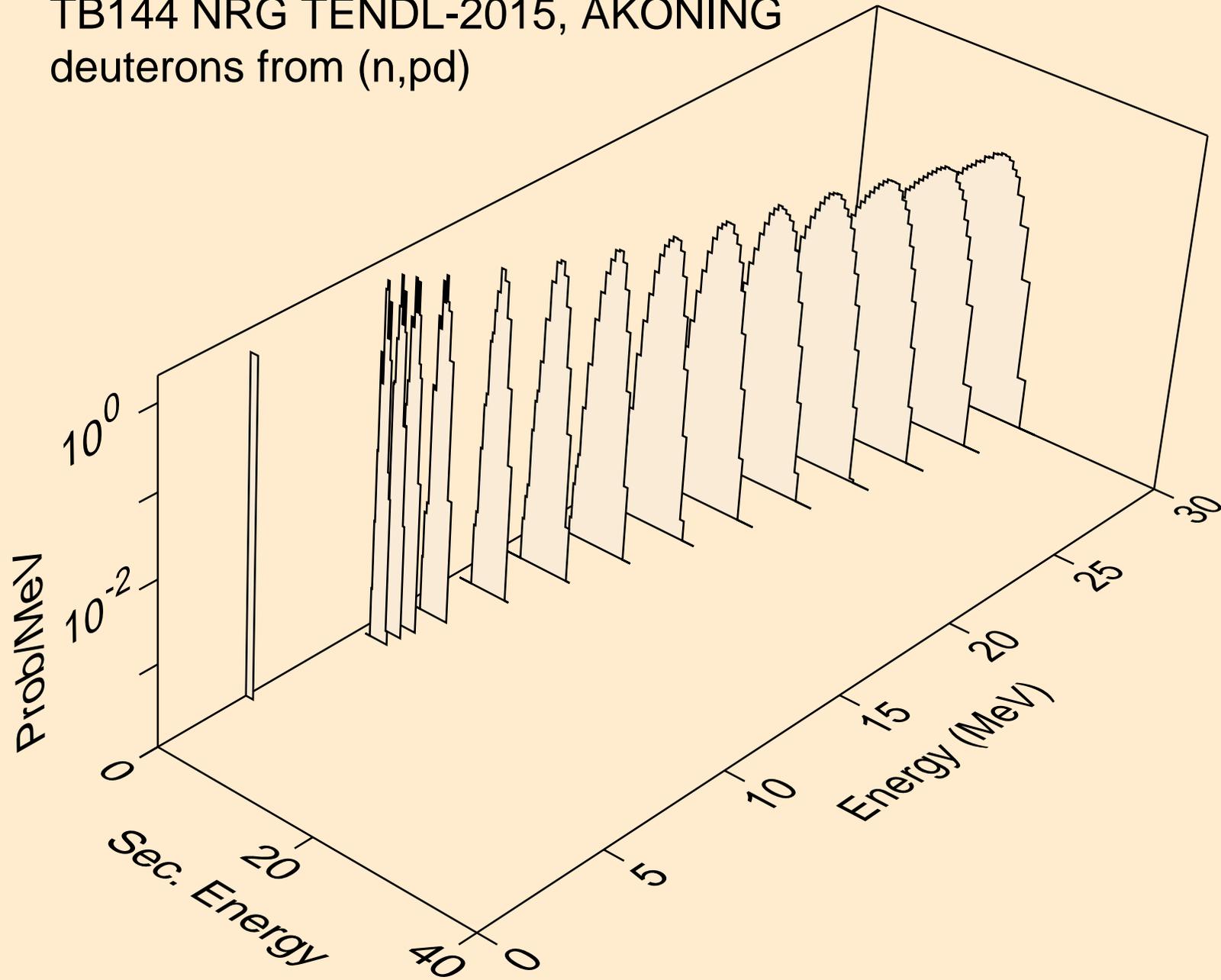
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deuterons from (n,d)



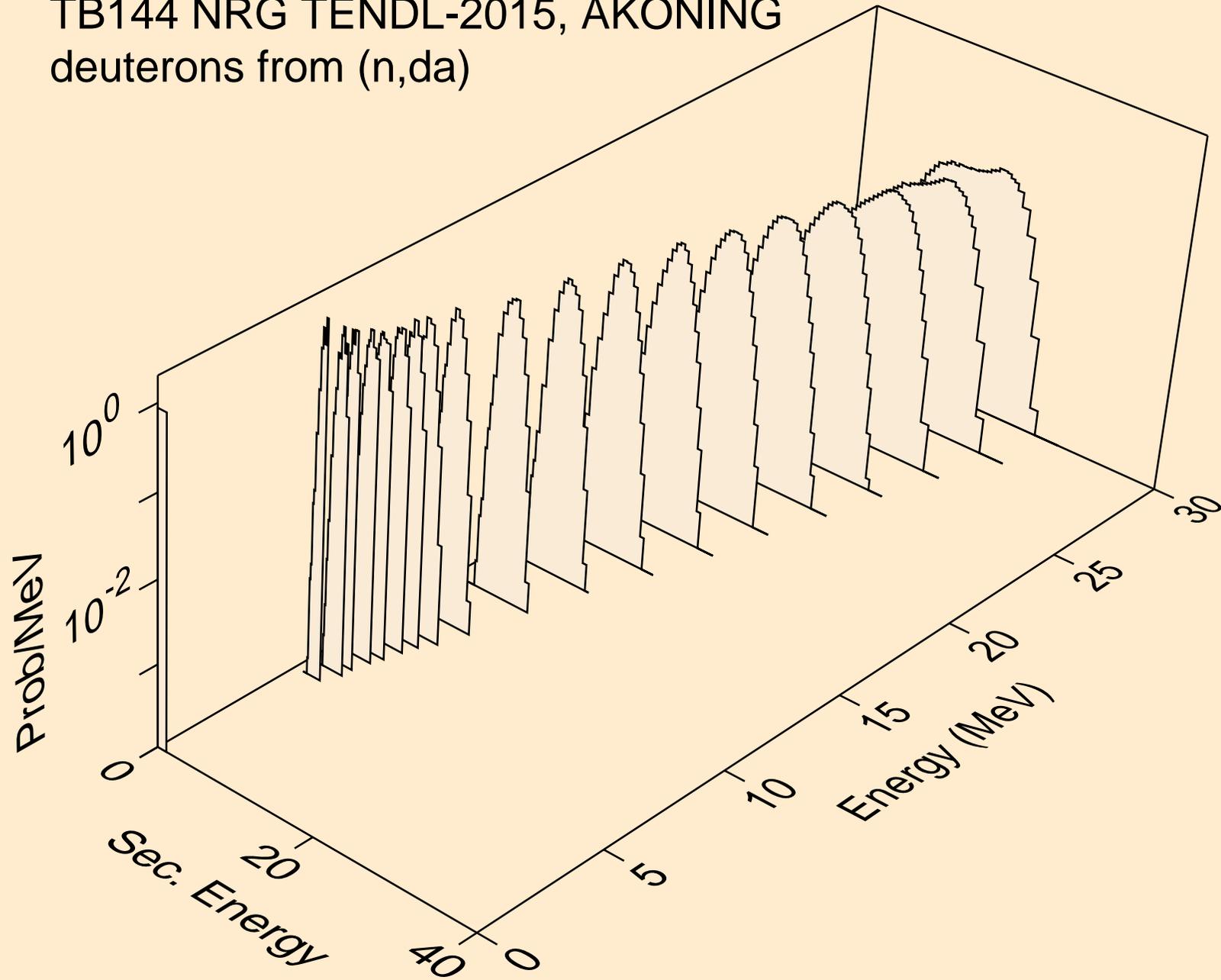
TB144 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



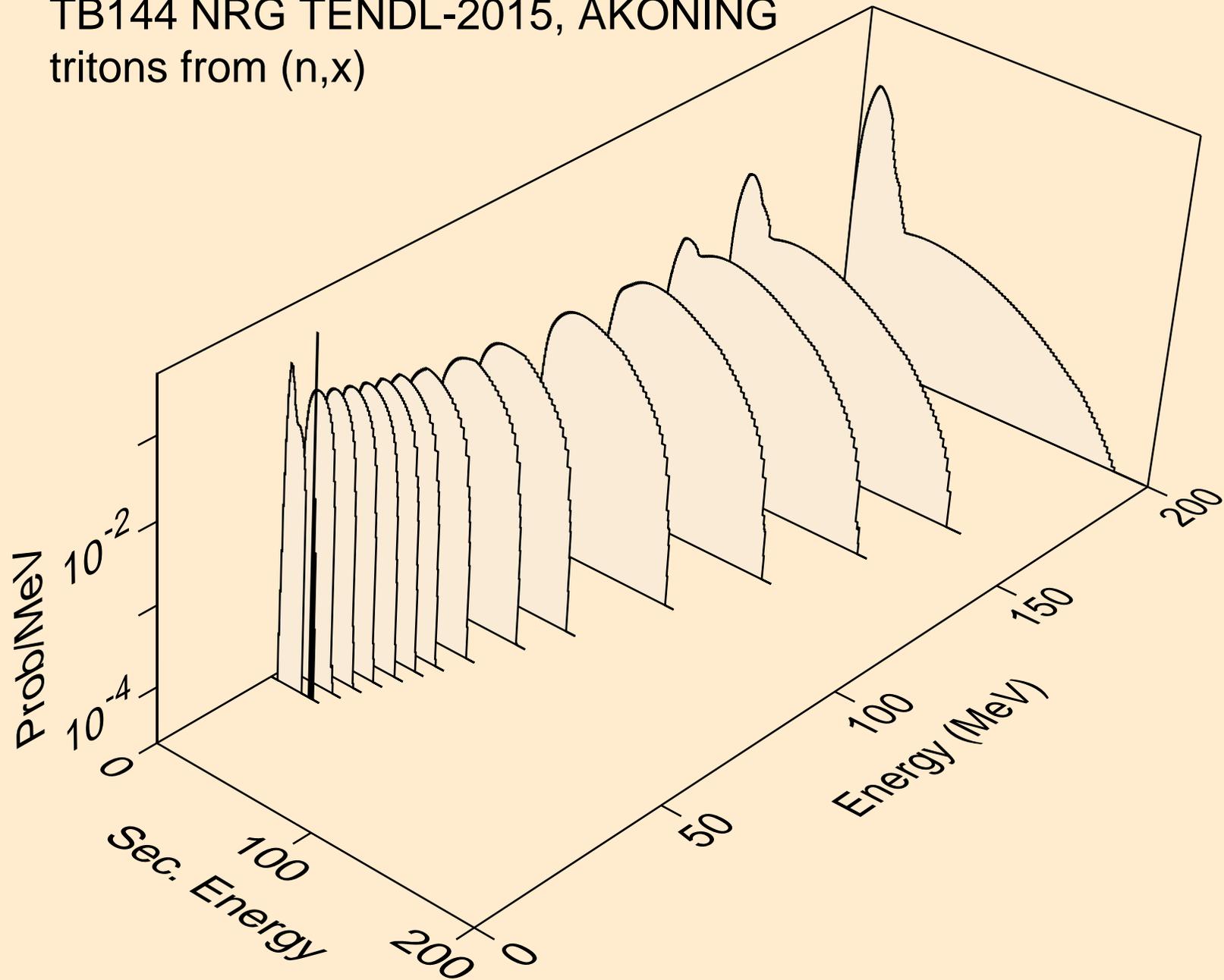
TB144 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



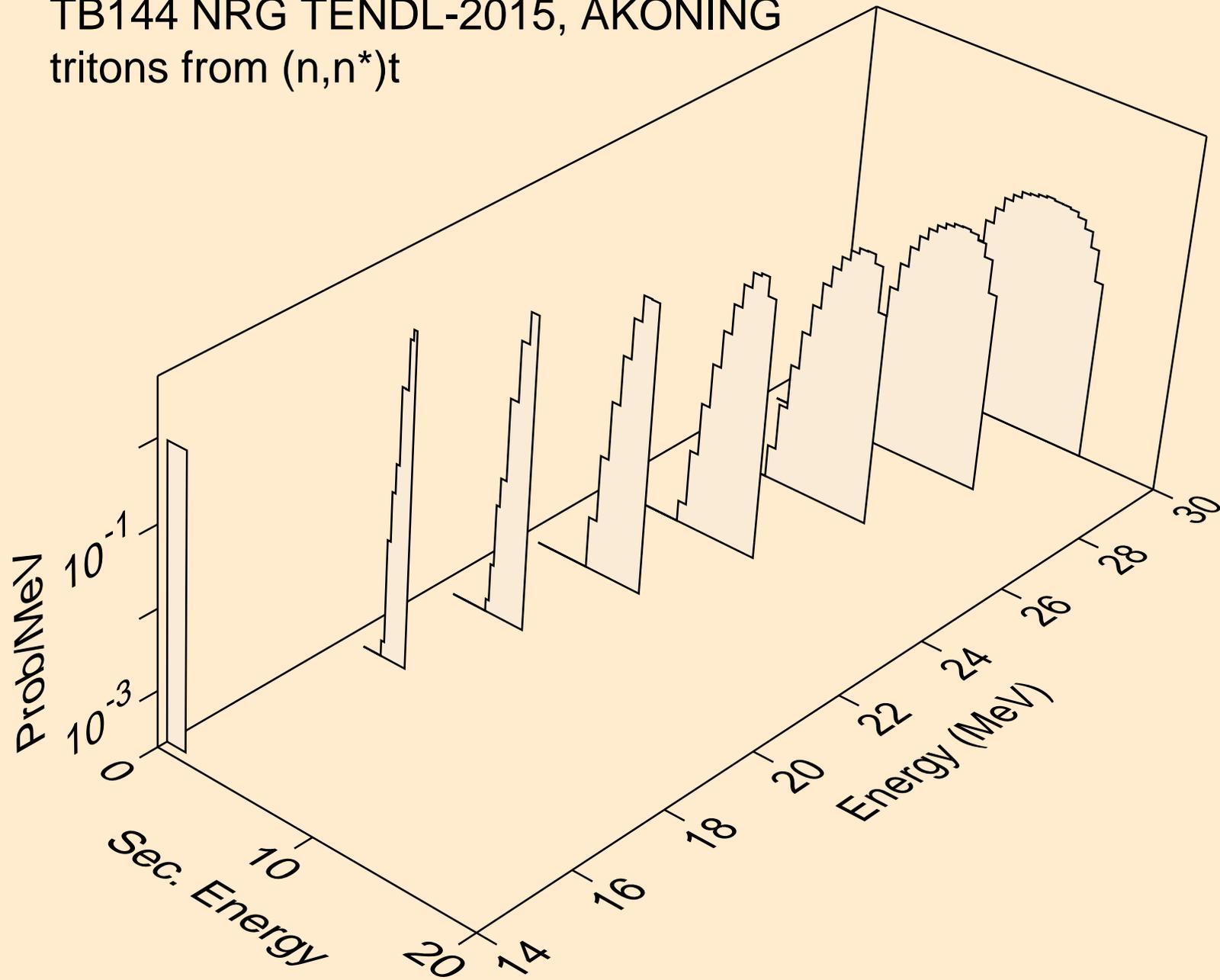
TB144 NRG TENDL-2015, AKONING  
deuterons from (n,da)



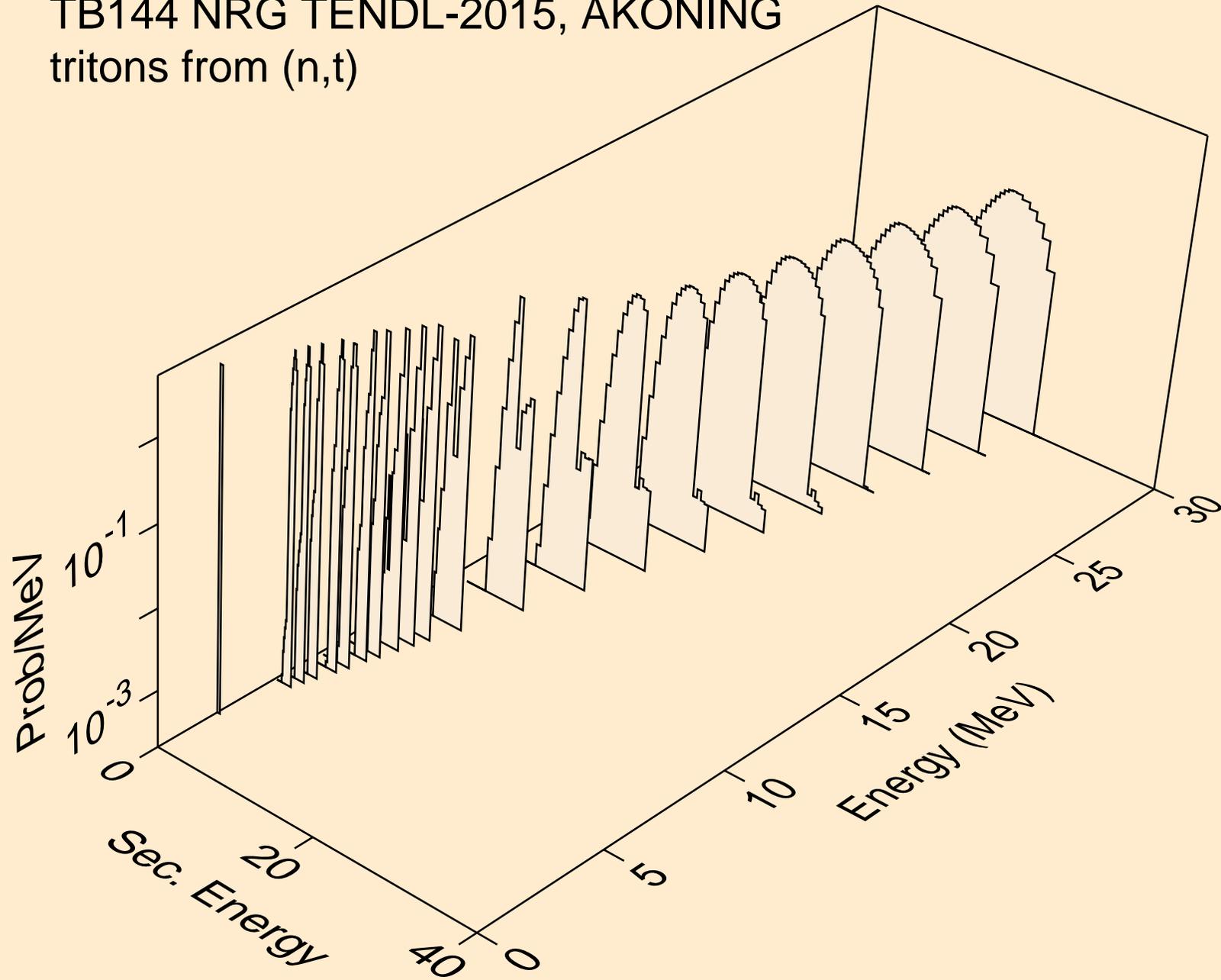
TB144 NRG TENDL-2015, AKONING  
tritons from (n,x)



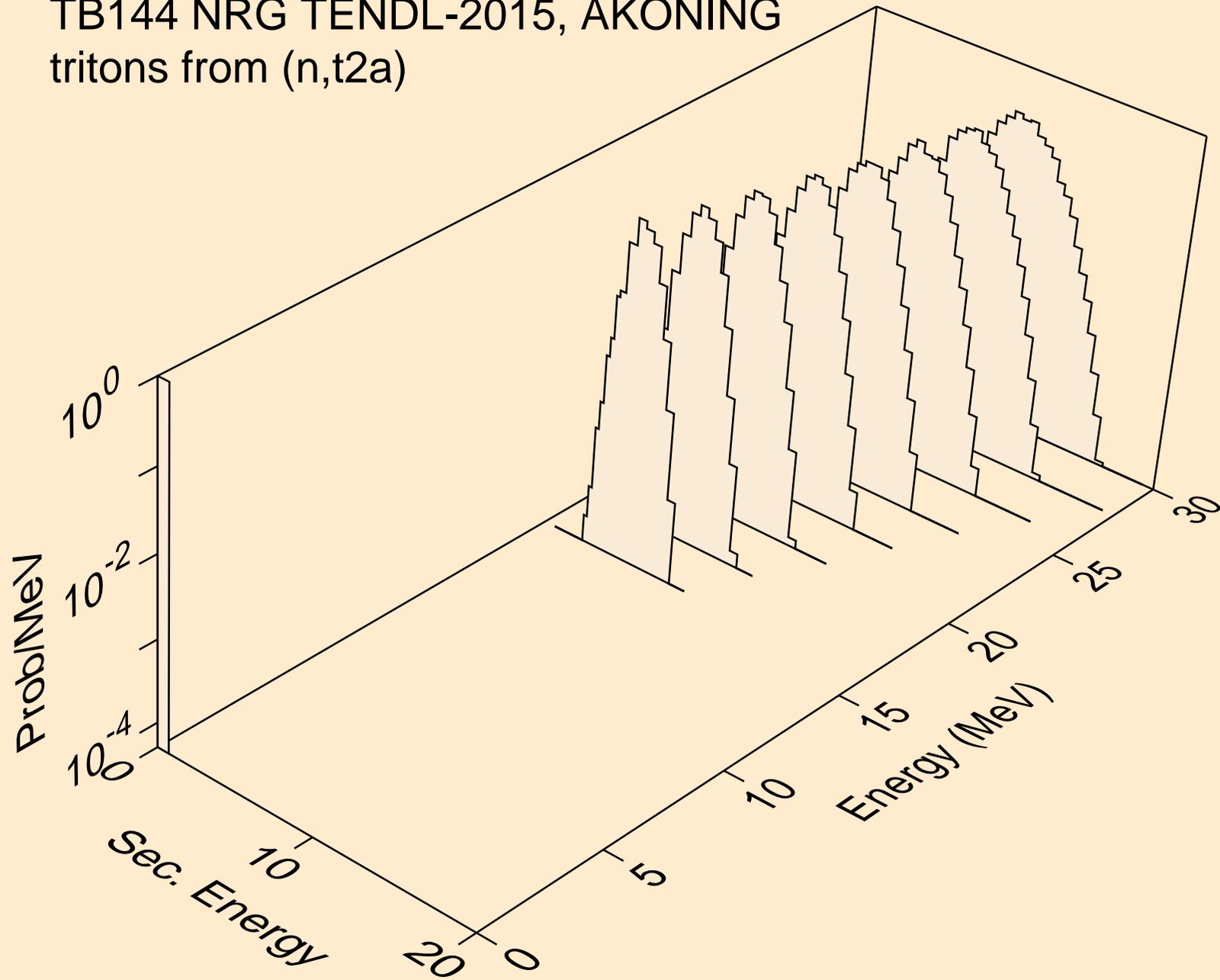
TB144 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



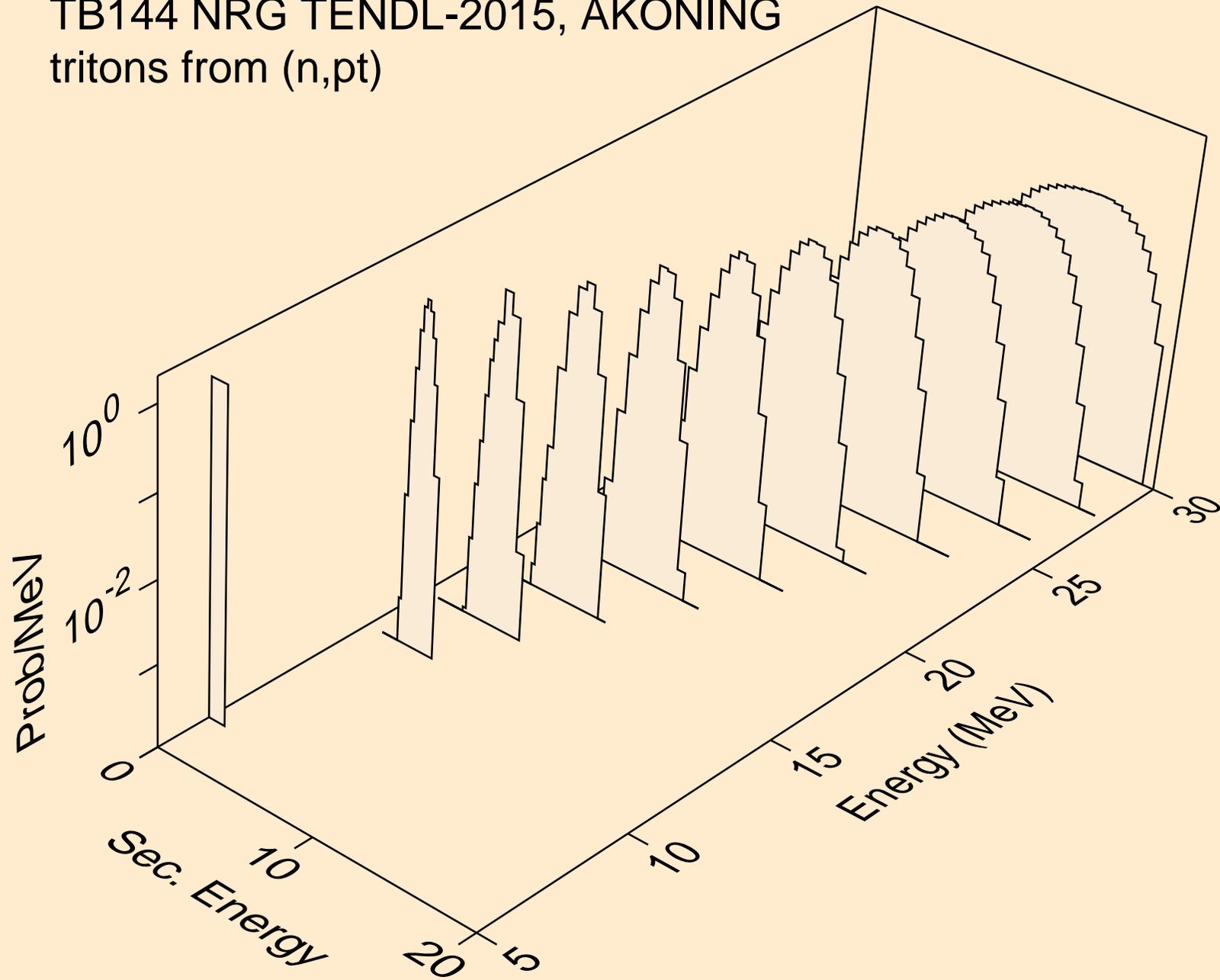
TB144 NRG TENDL-2015, AKONING  
tritons from (n,t)



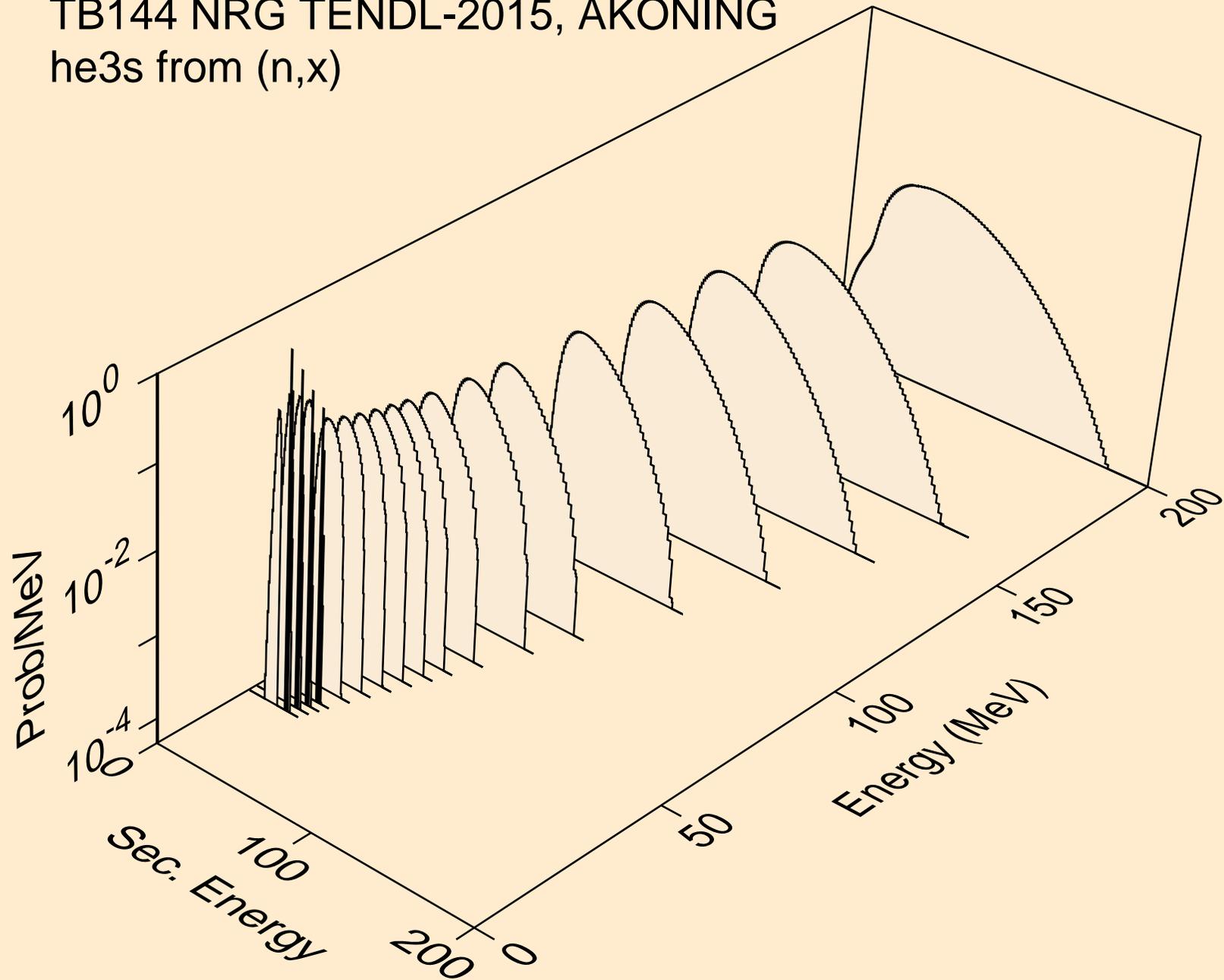
TB144 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



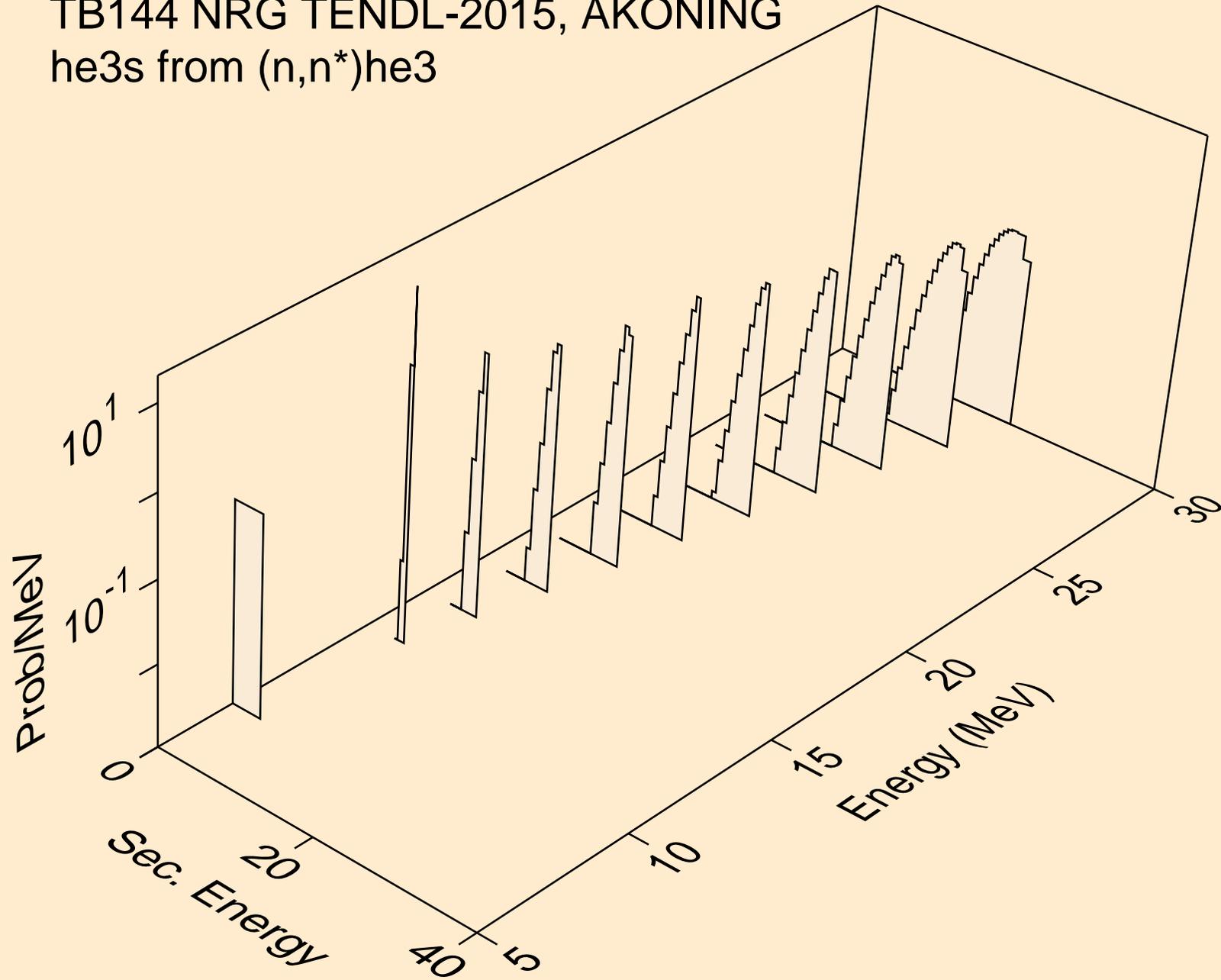
TB144 NRG TENDL-2015, AKONING  
tritons from (n,pt)



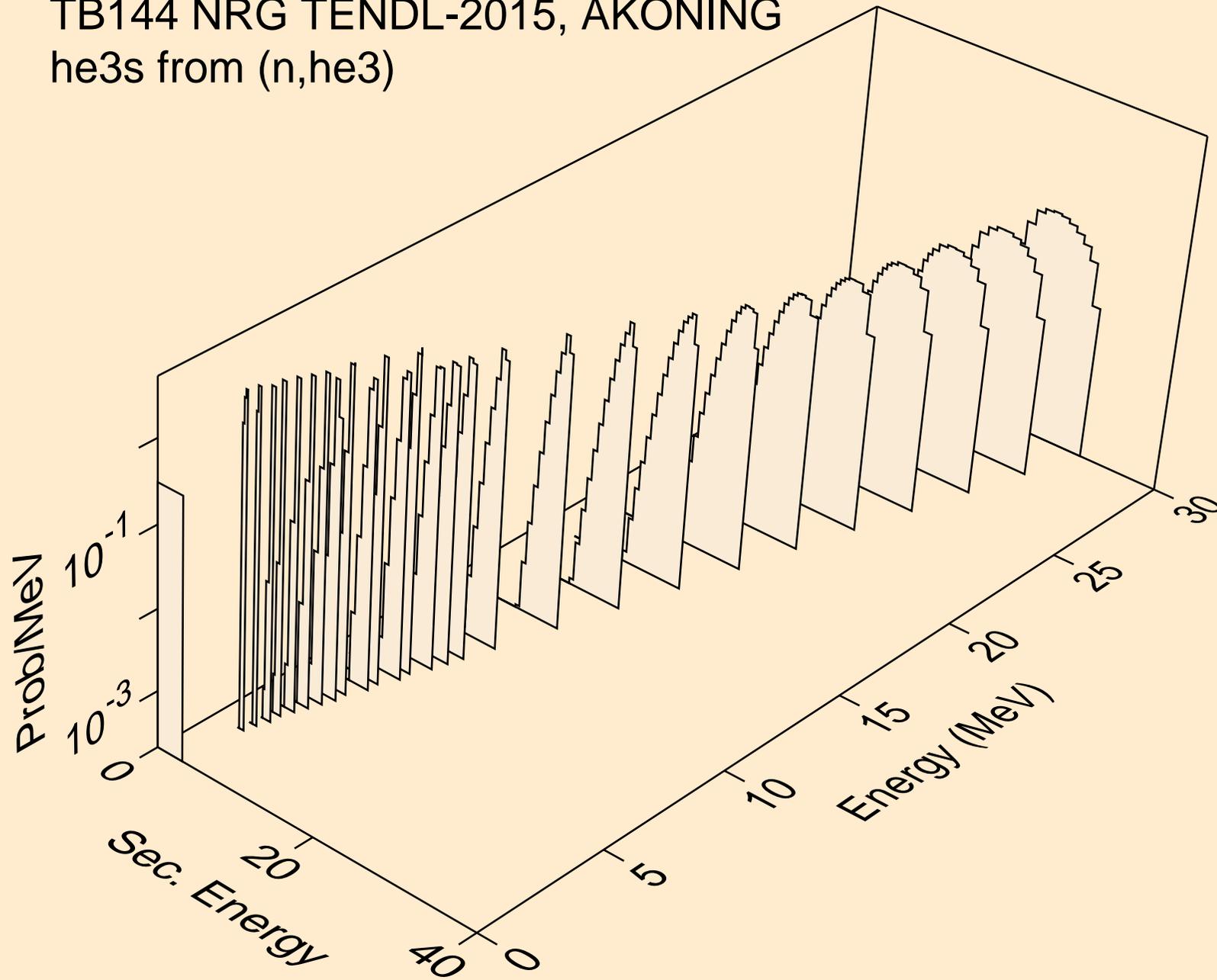
TB144 NRG TENDL-2015, AKONING  
he3s from (n,x)



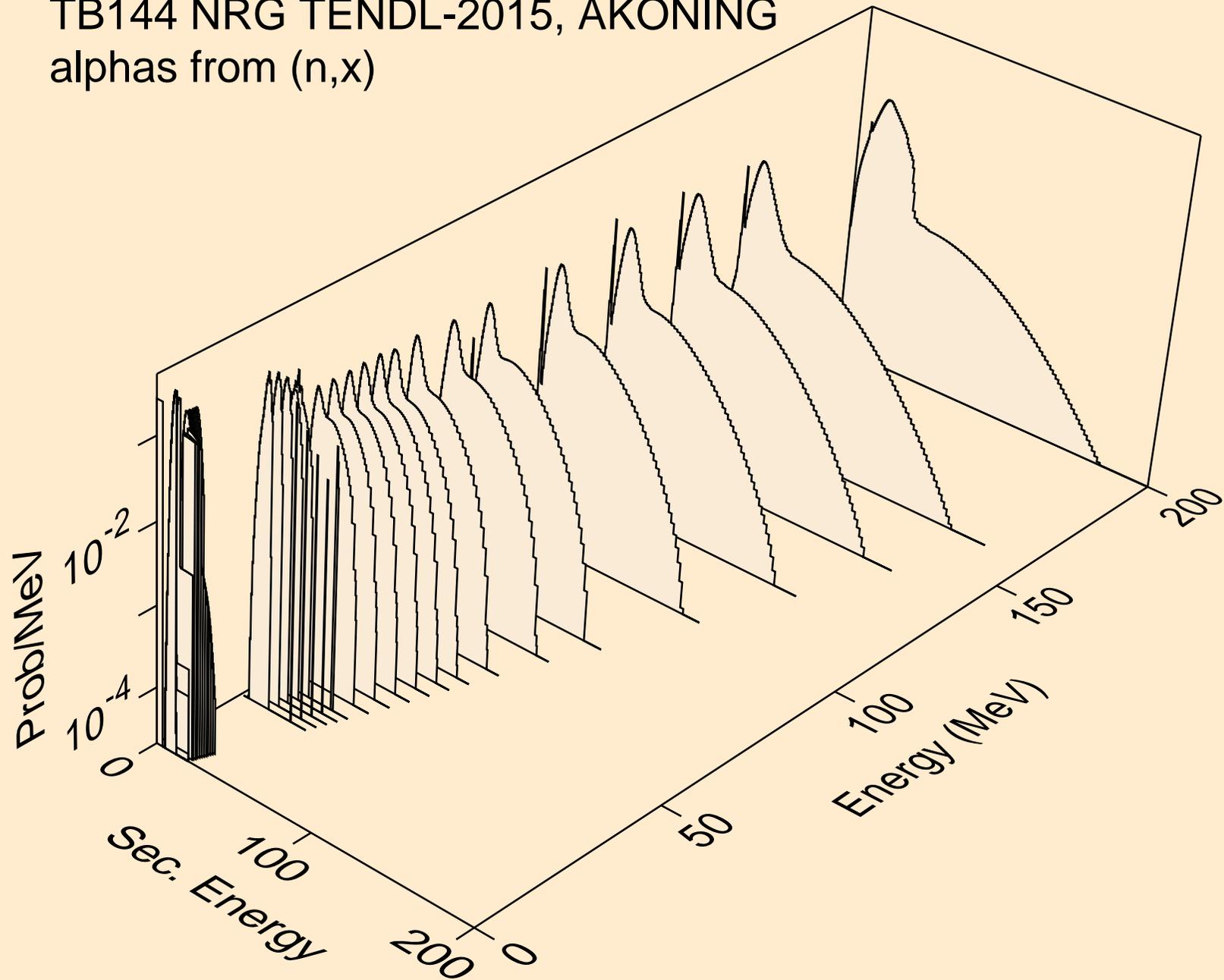
TB144 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



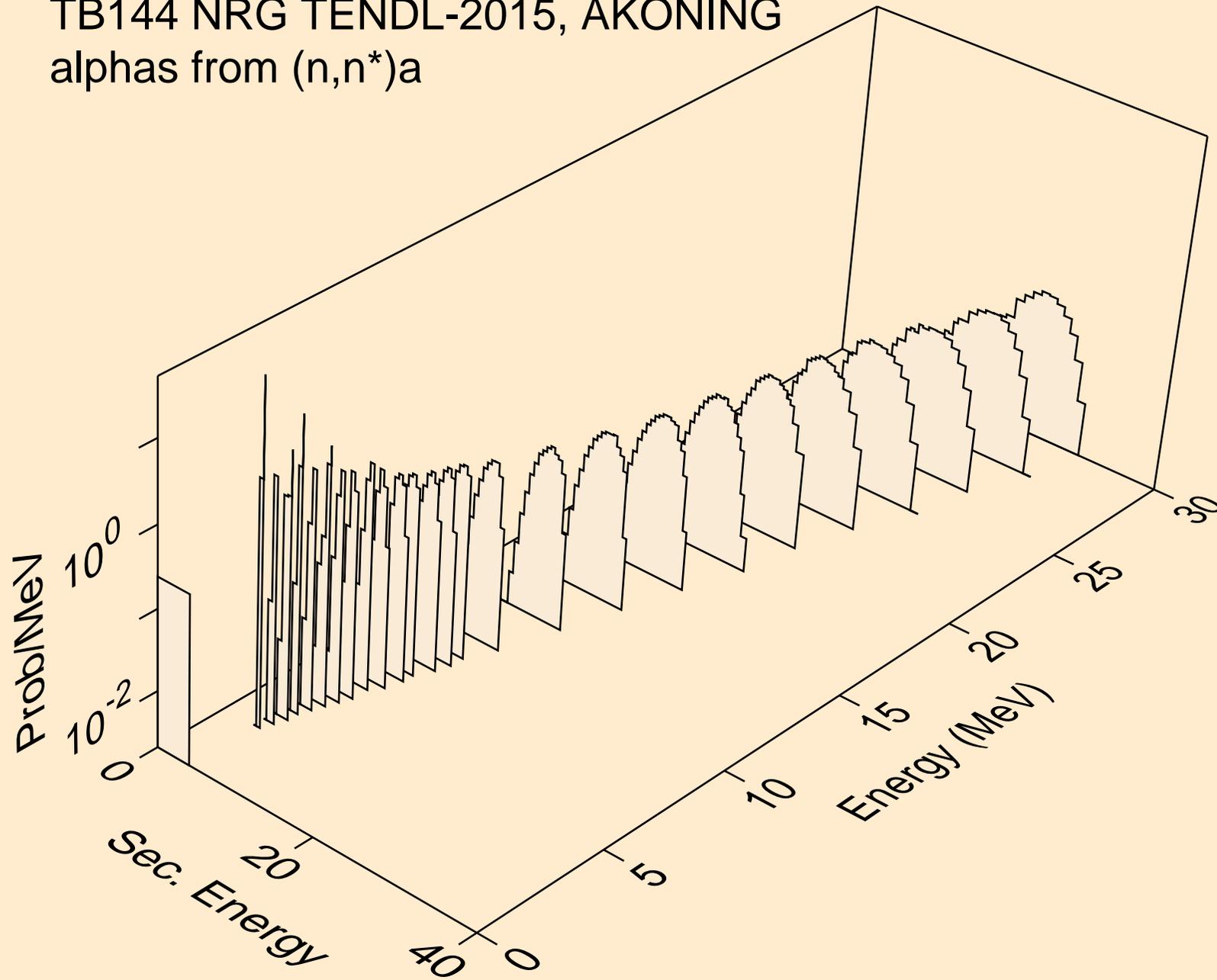
TB144 NRG TENDL-2015, AKONING  
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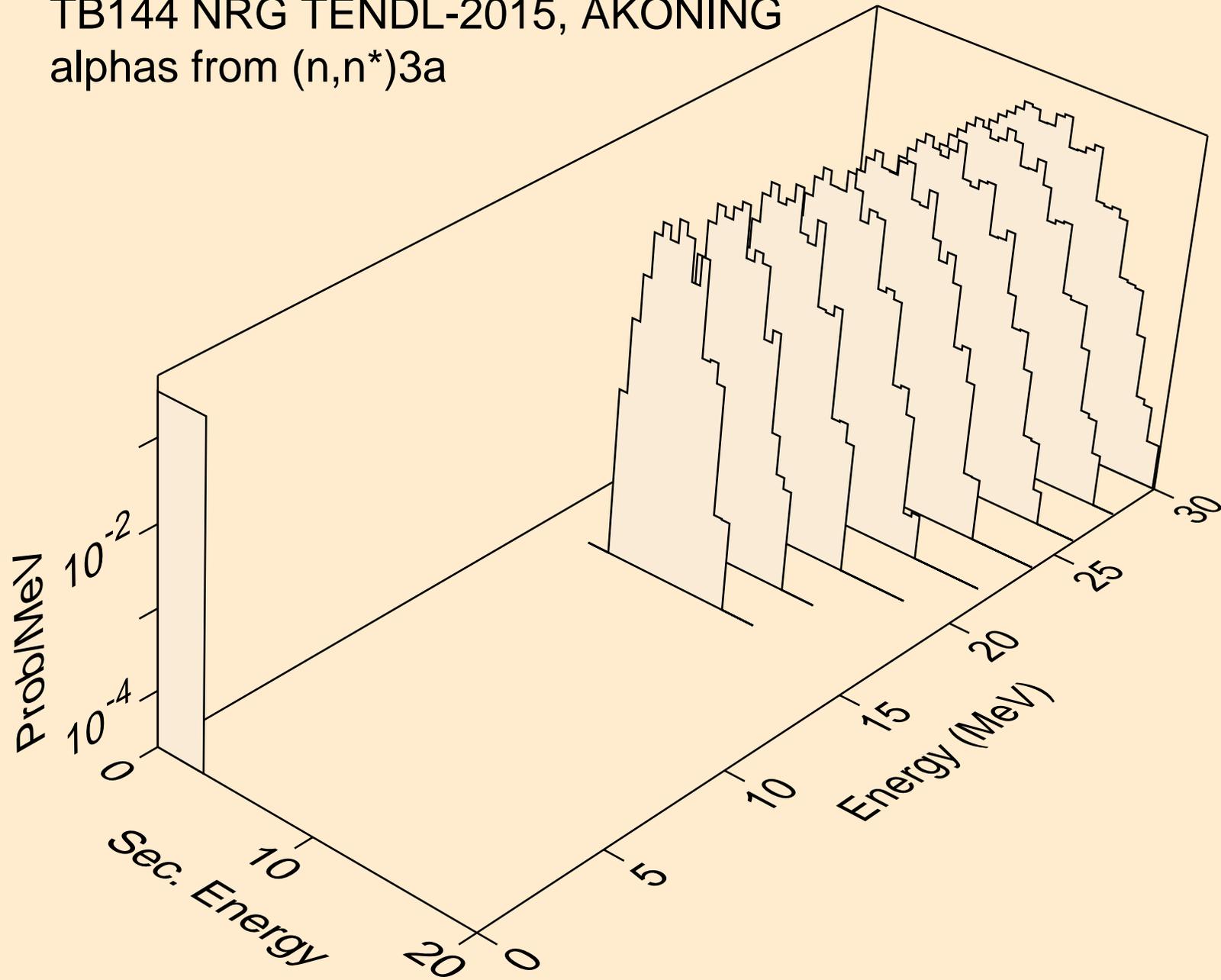
TB144 NRG TENDL-2015, AKONING  
alphas from (n,x)



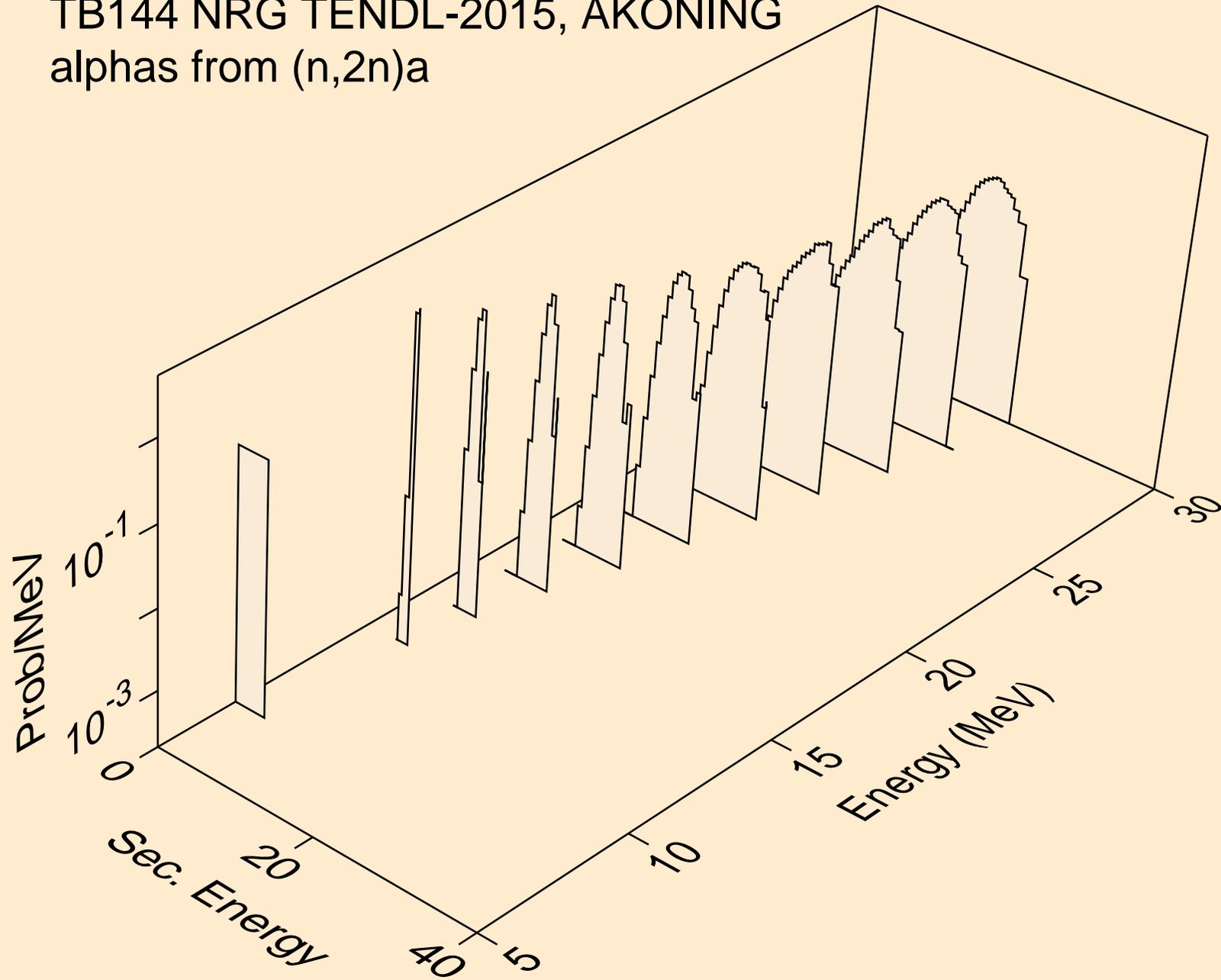
TB144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



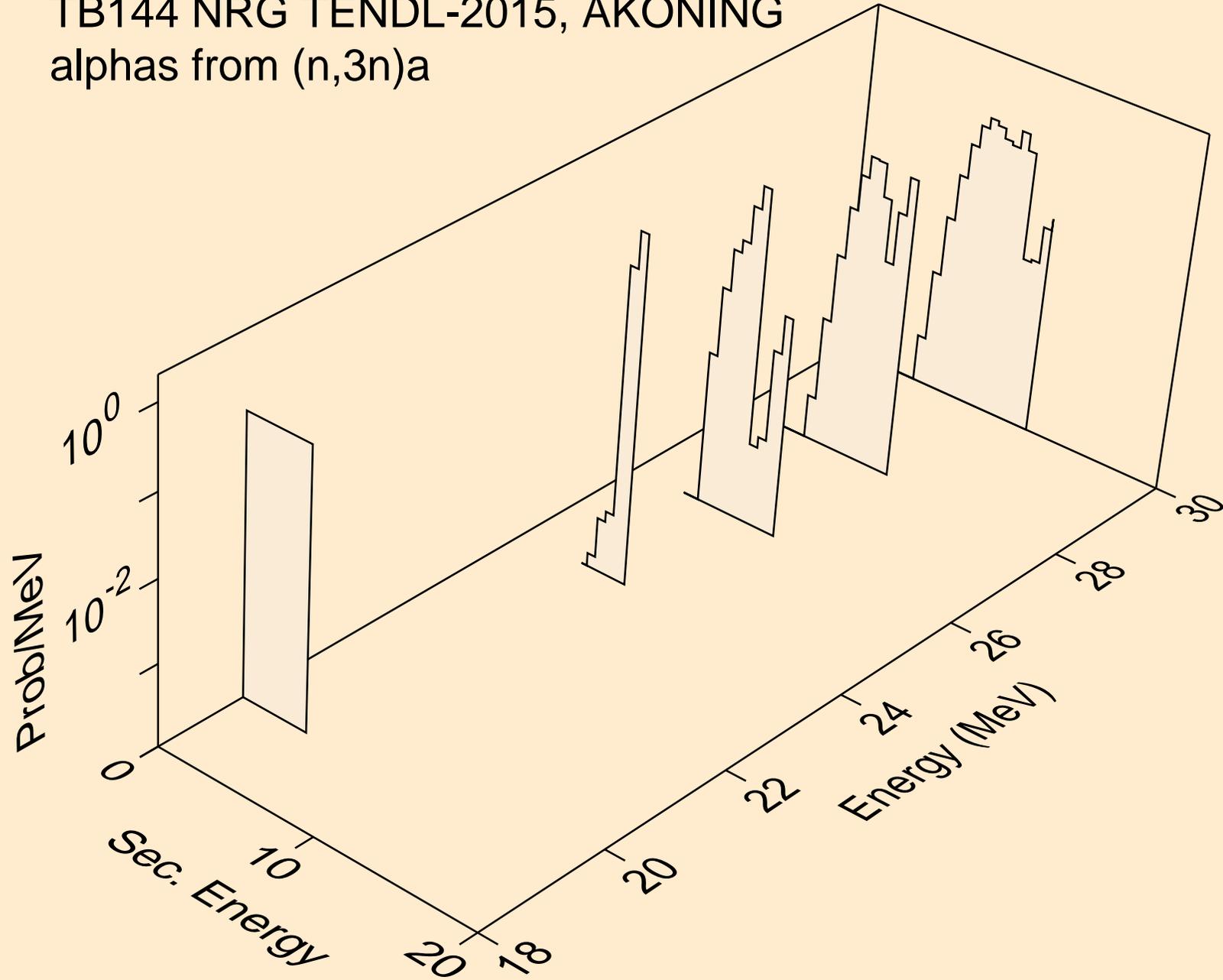
TB144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



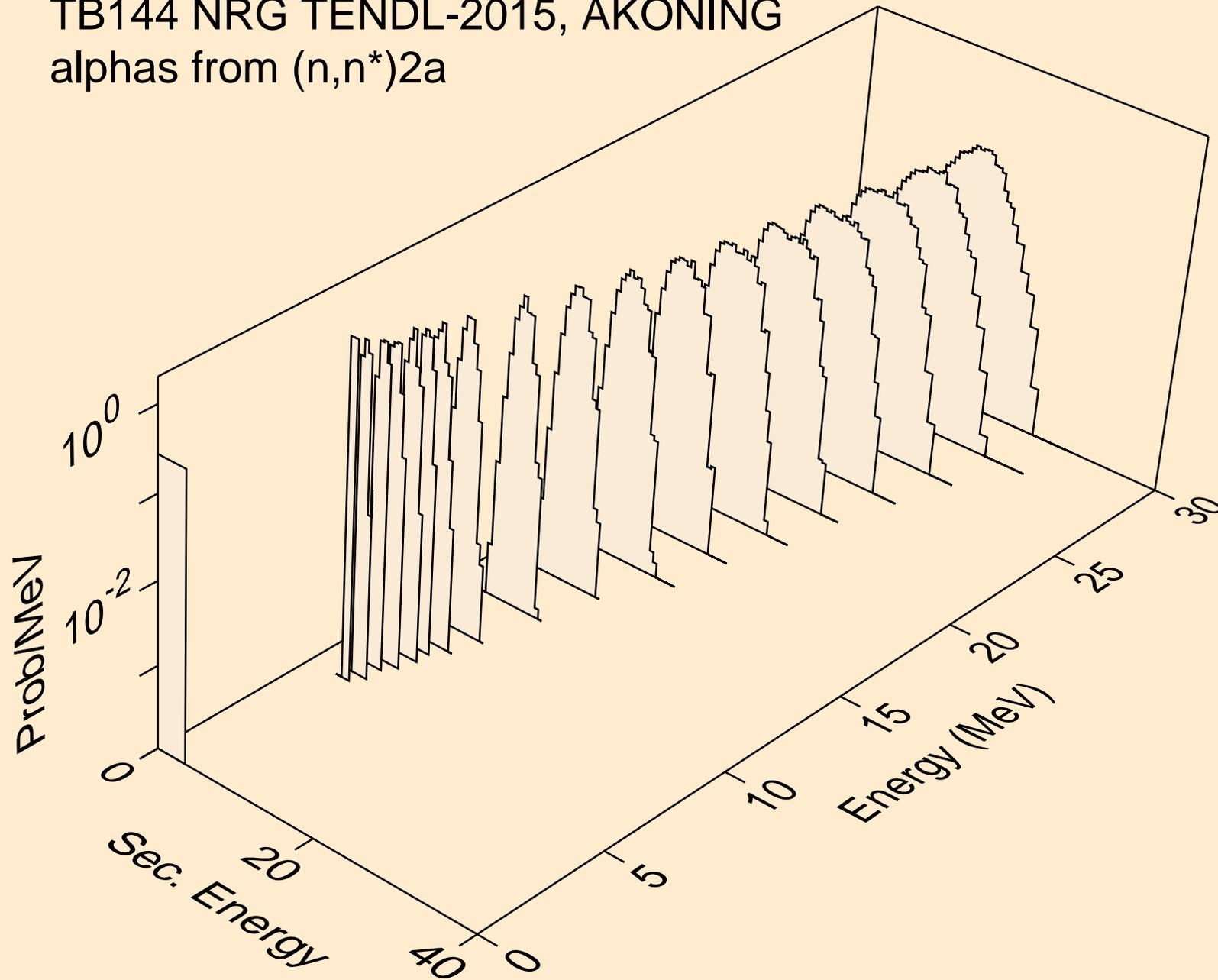
TB144 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



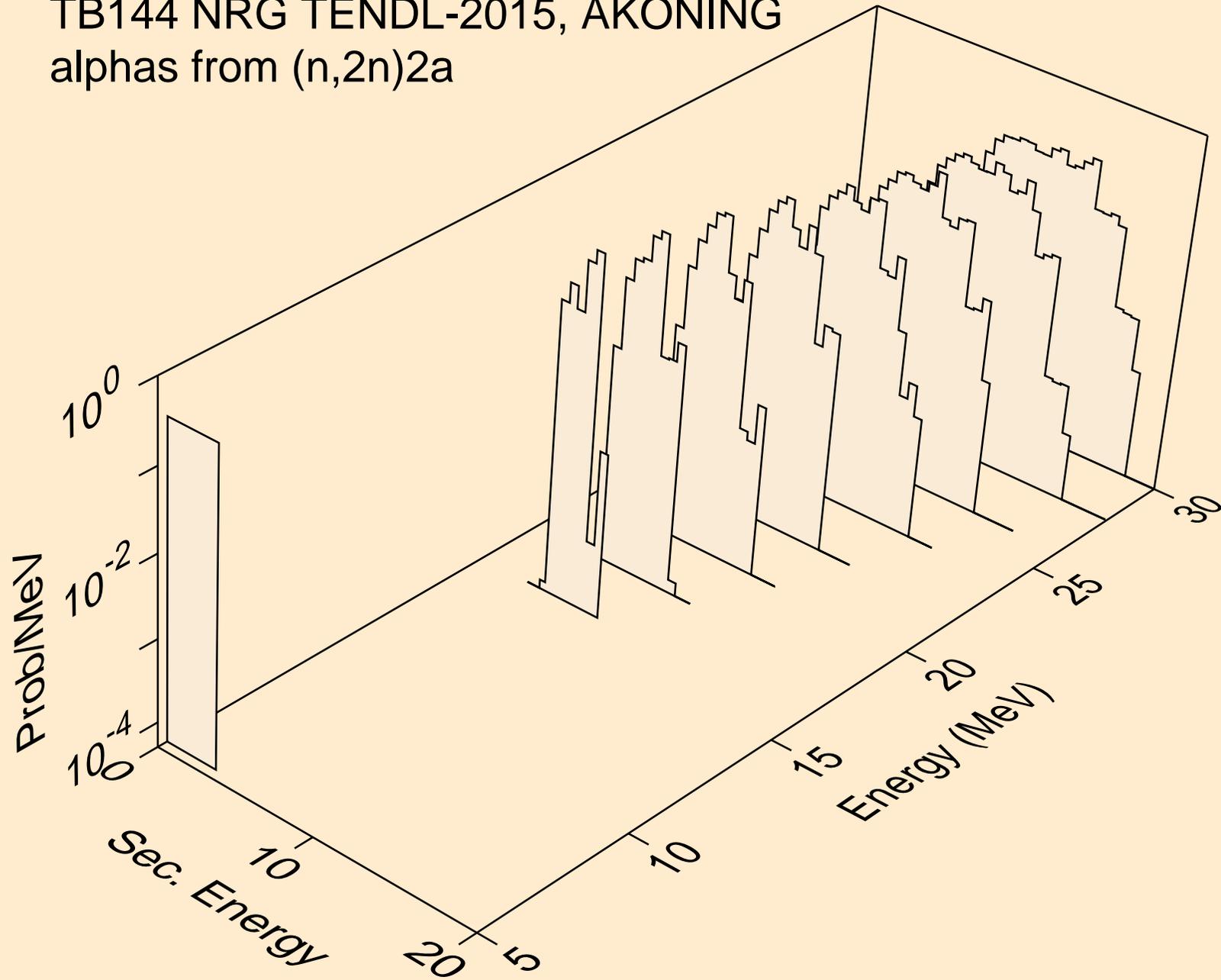
TB144 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



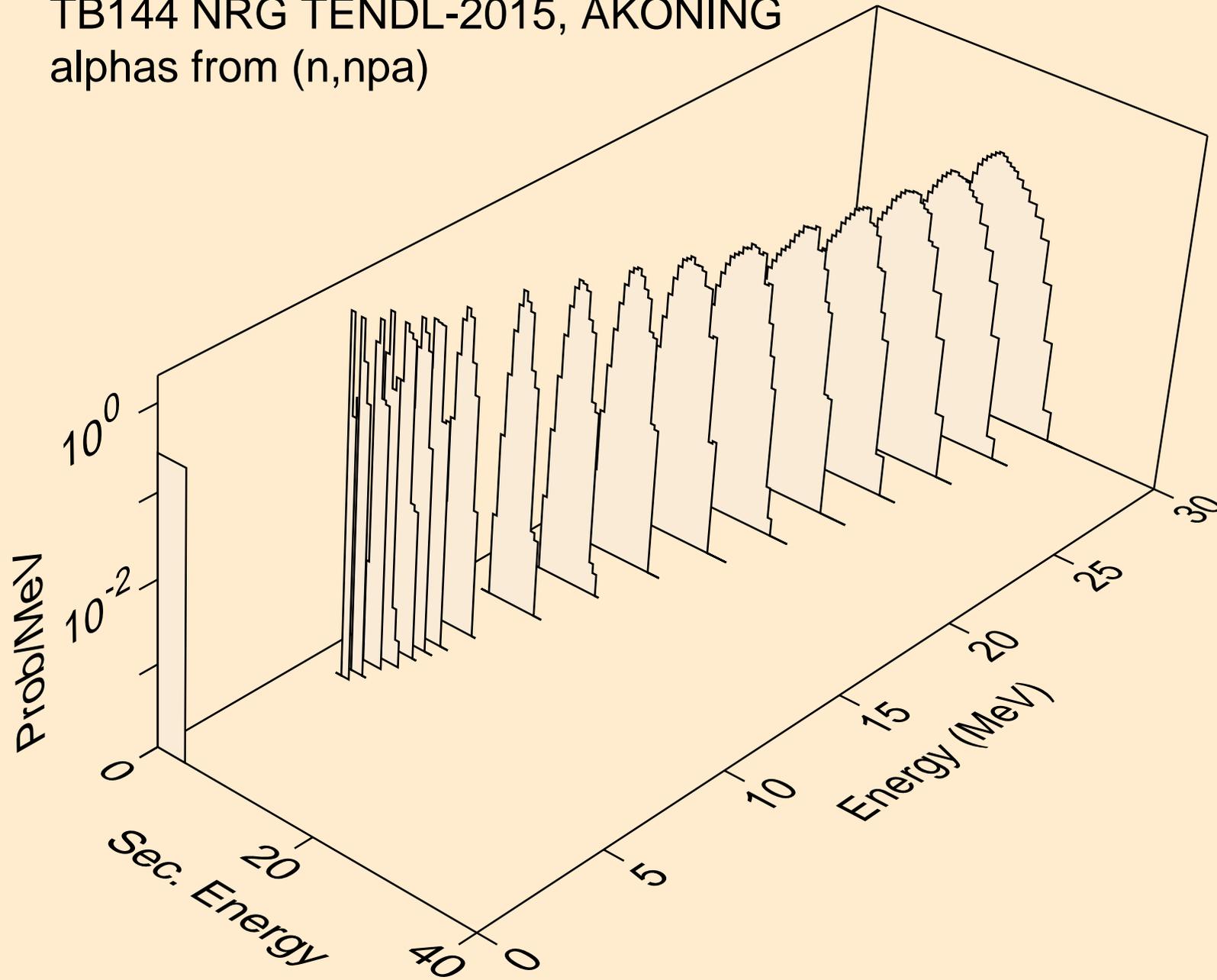
TB144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



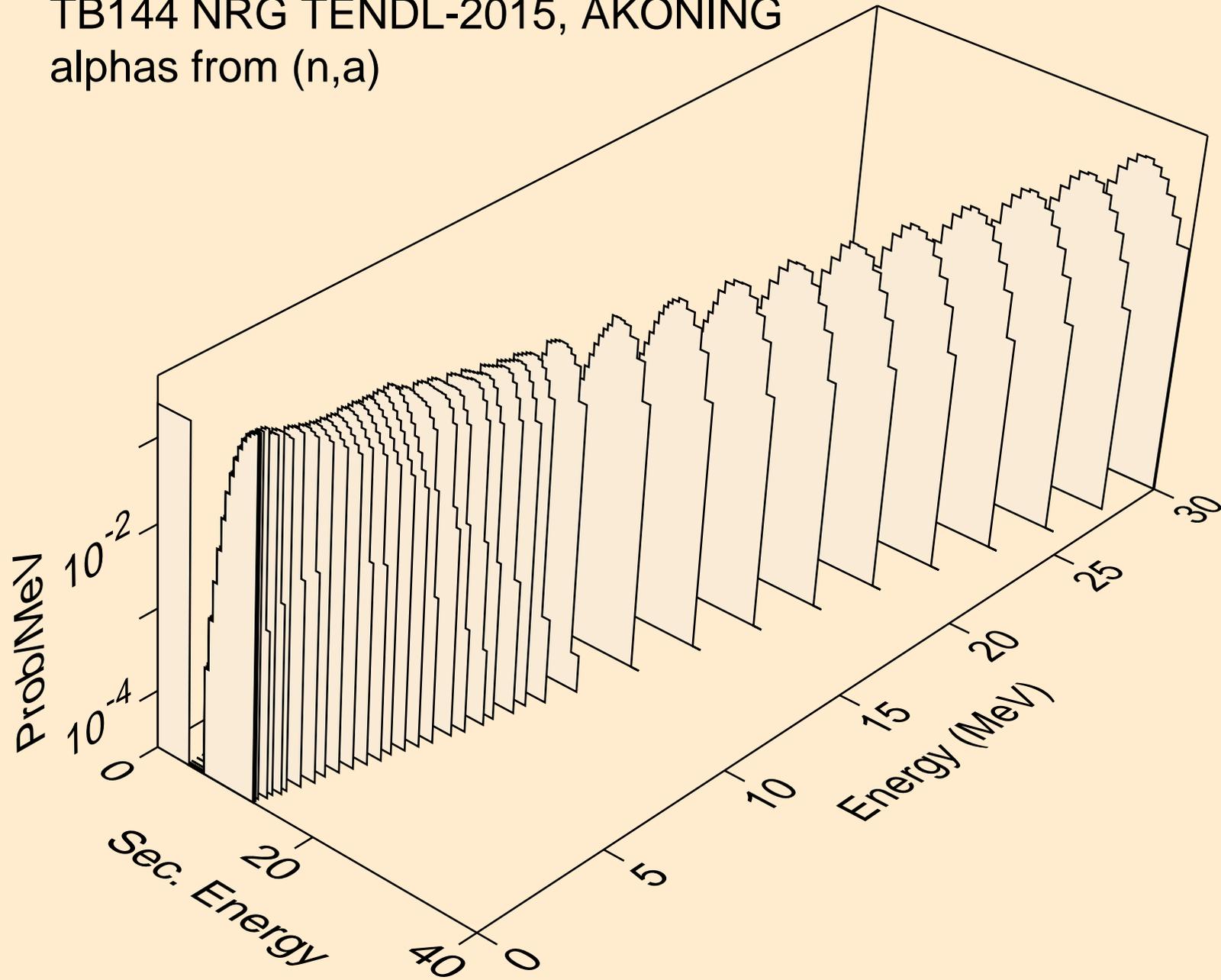
TB144 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



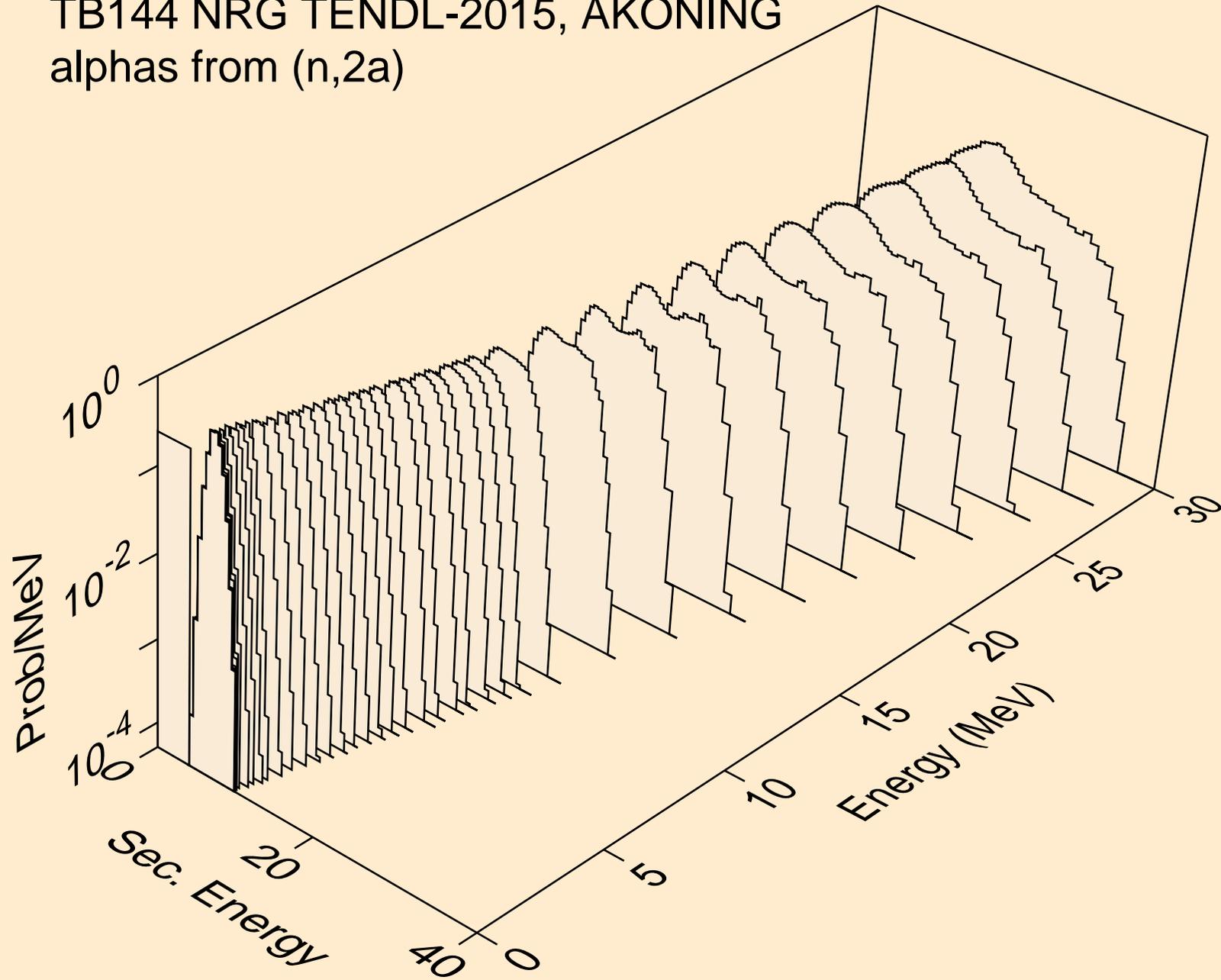
TB144 NRG TENDL-2015, AKONING  
alphas from (n,npa)



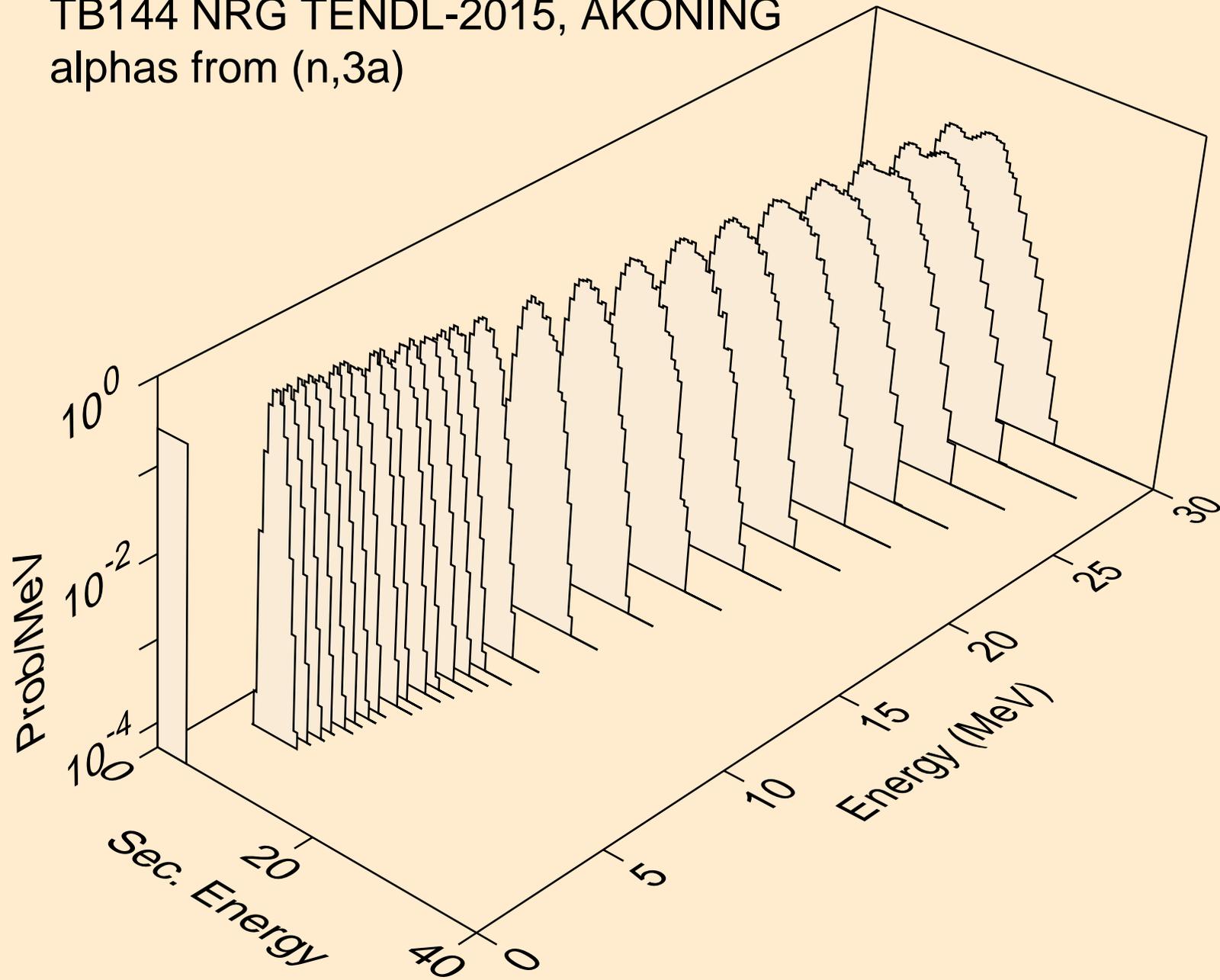
TB144 NRG TENDL-2015, AKONING  
alphas from (n,a)



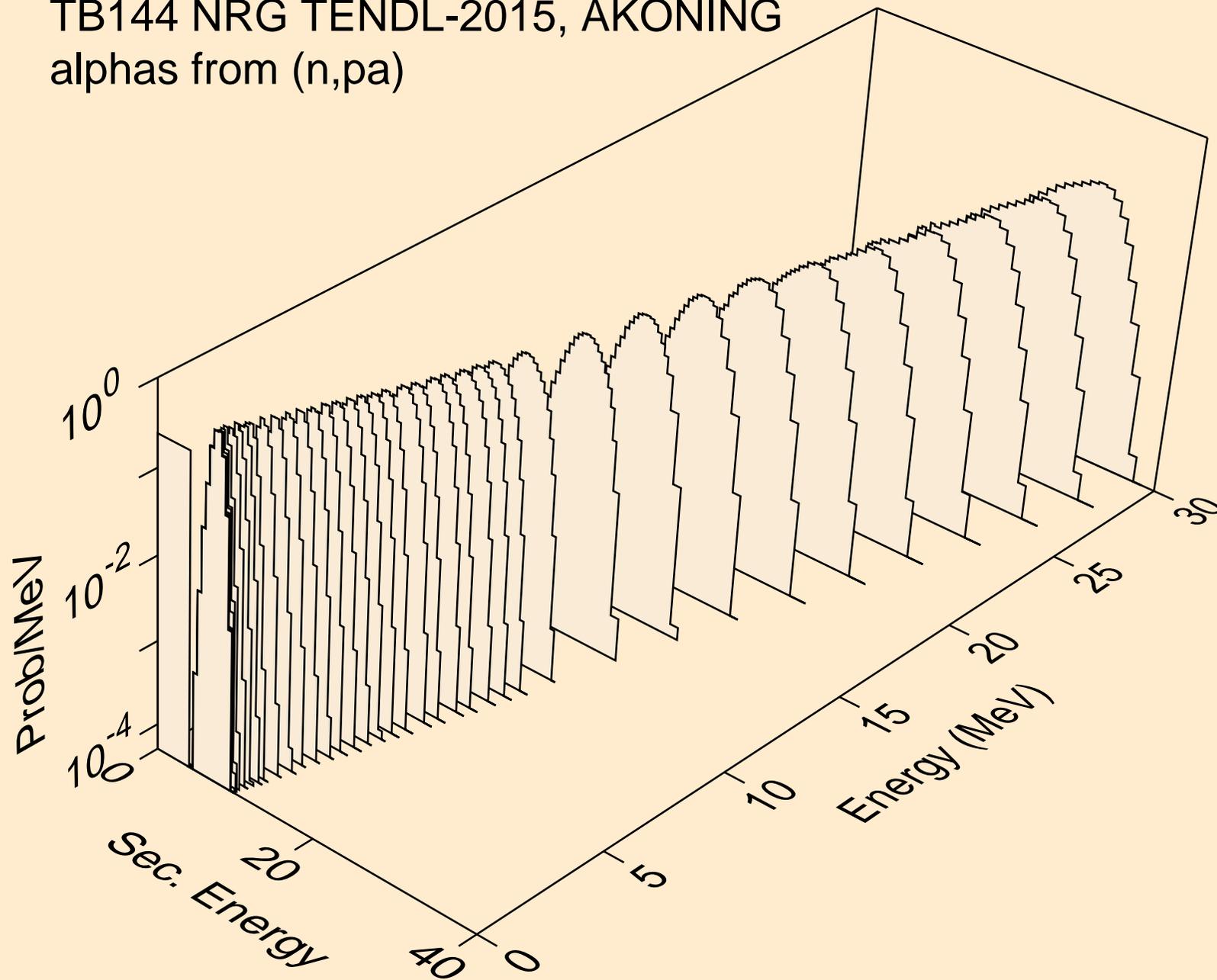
TB144 NRG TENDL-2015, AKONING  
alphas from (n,2a)



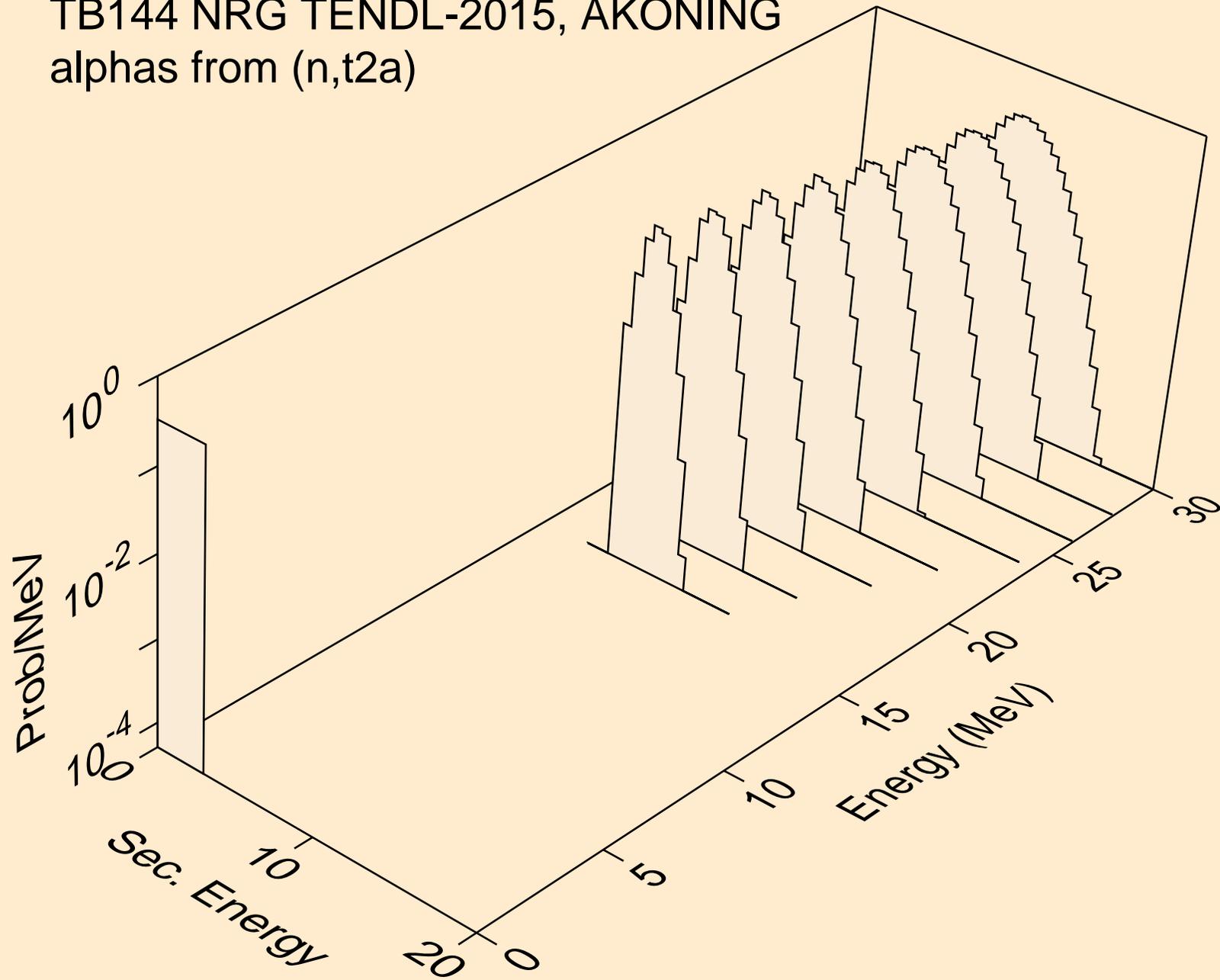
TB144 NRG TENDL-2015, AKONING  
alphas from (n,3a)



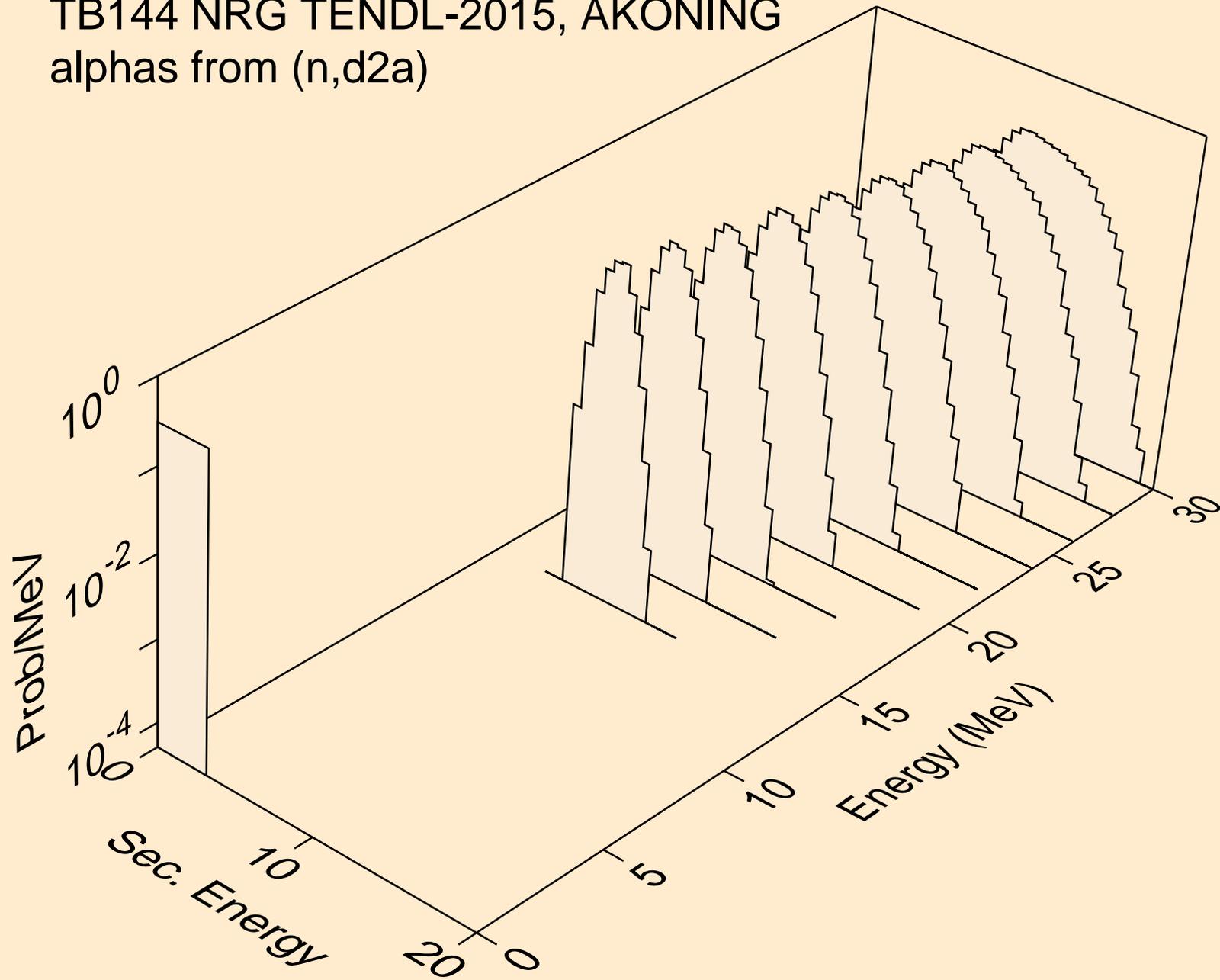
TB144 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TB144 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



TB144 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



TB144 NRG TENDL-2015, AKONING  
alphas from (n,da)

