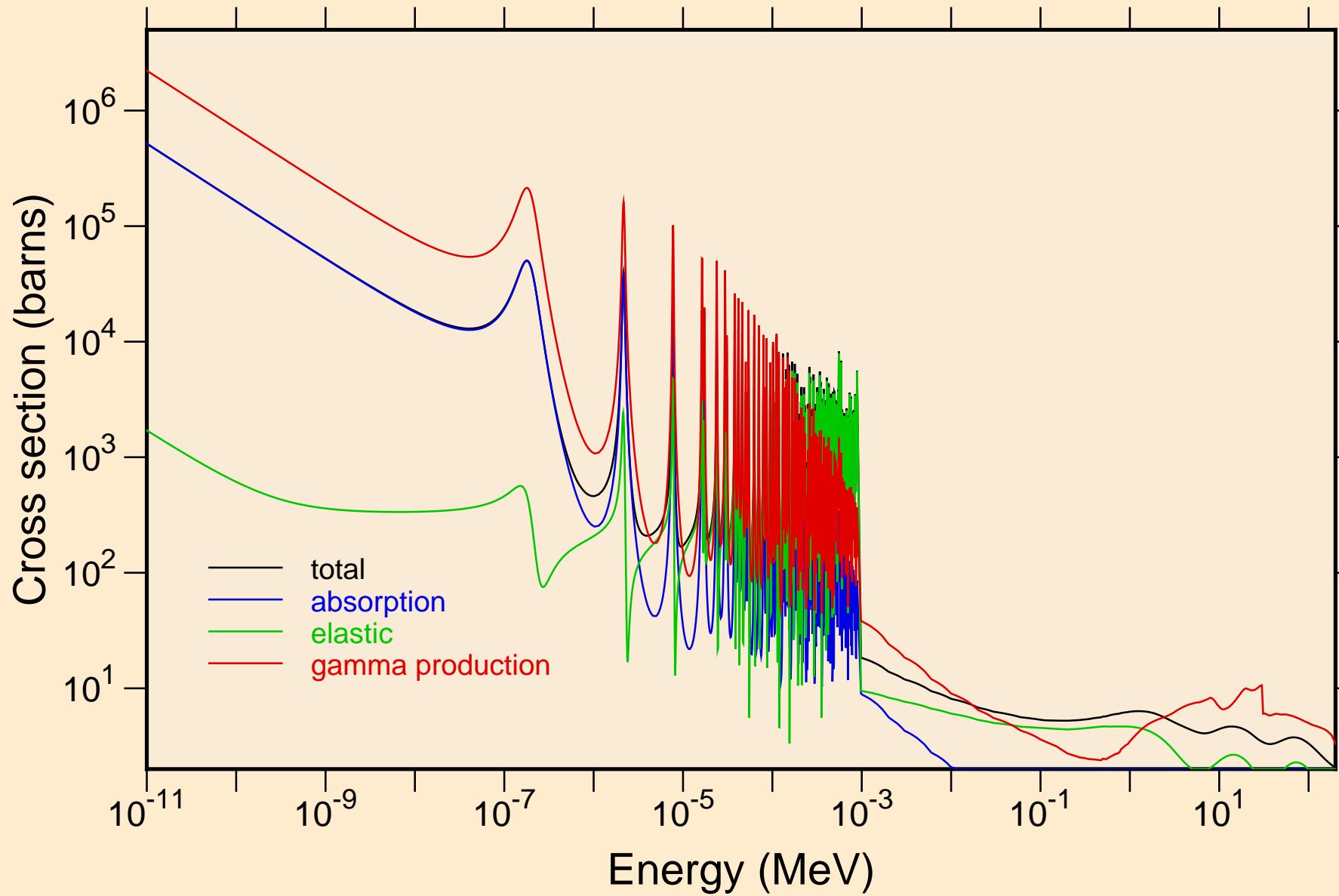
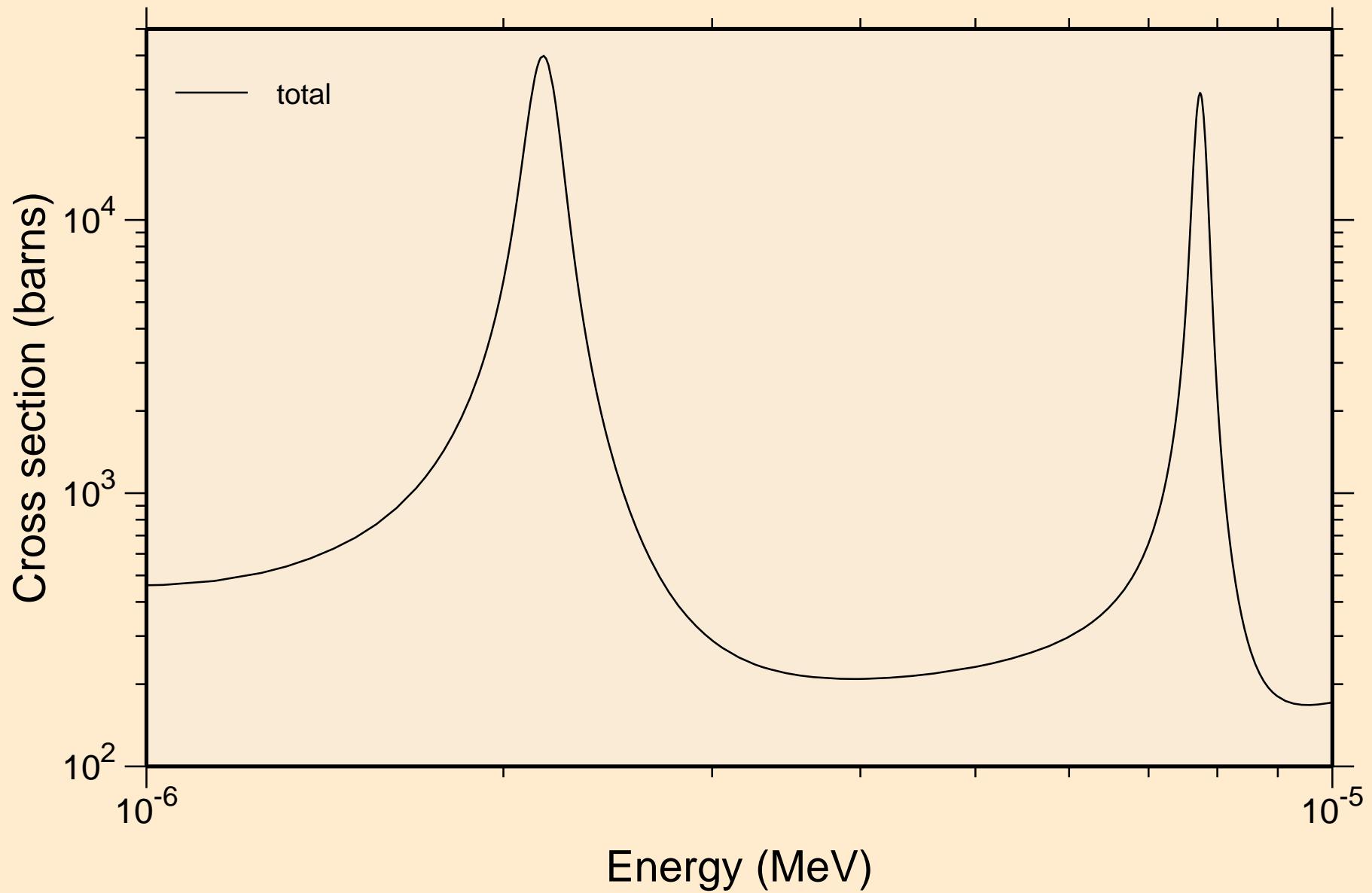


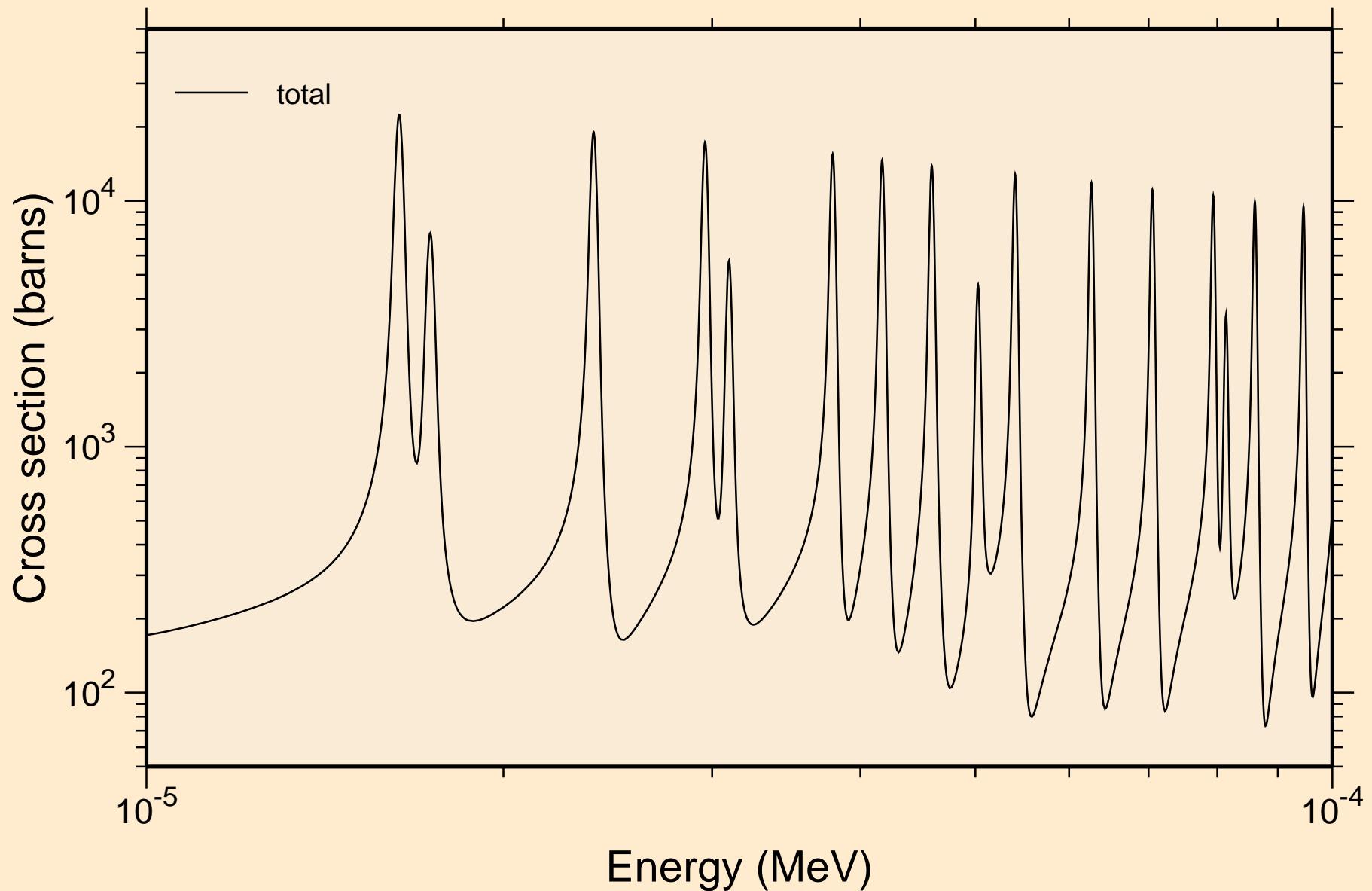
XE125 NRG TENDL-2015, AKONING  
Principal cross sections



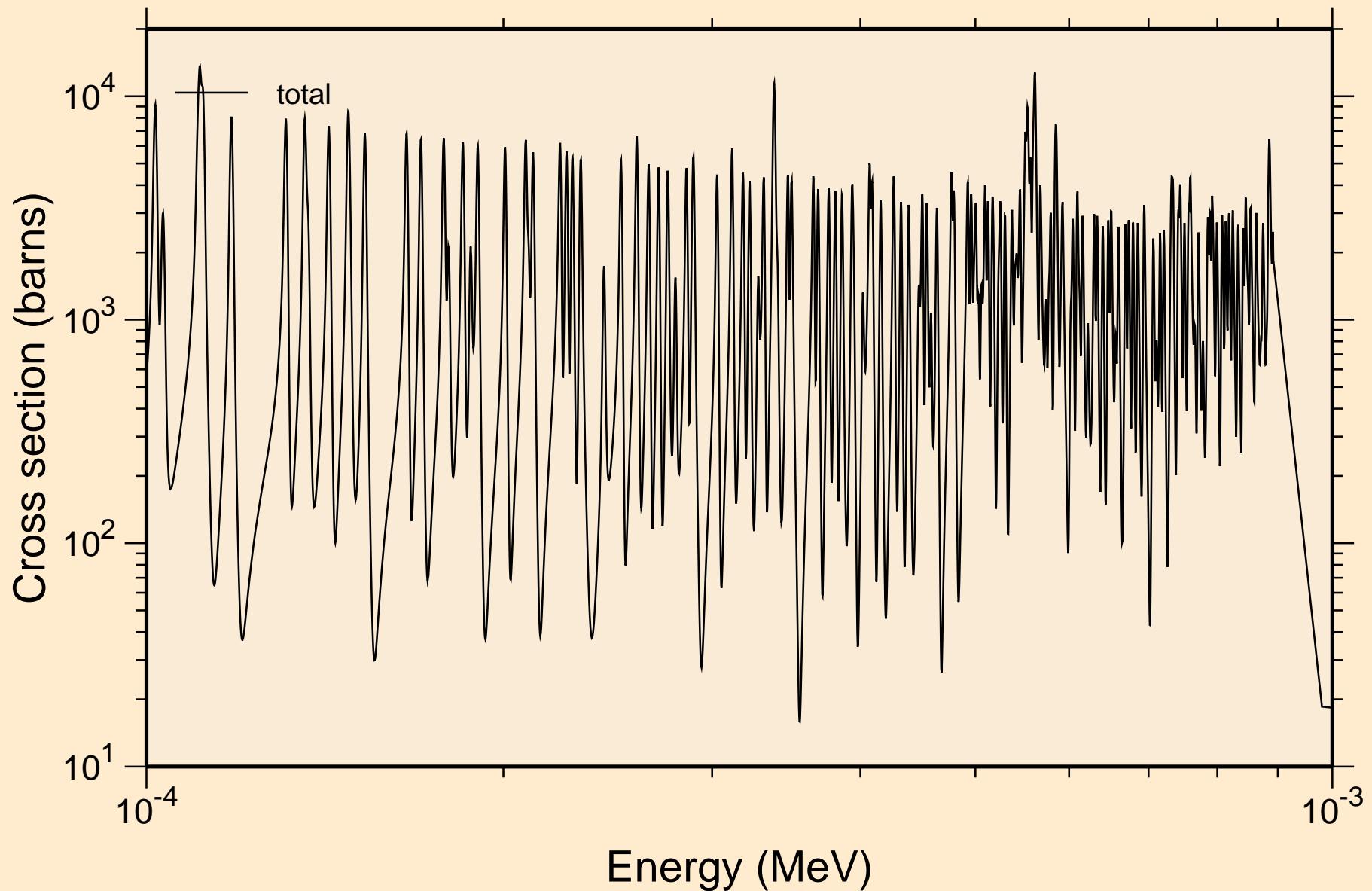
XE125 NRG TENDL-2015, AKONING  
resonance total cross section



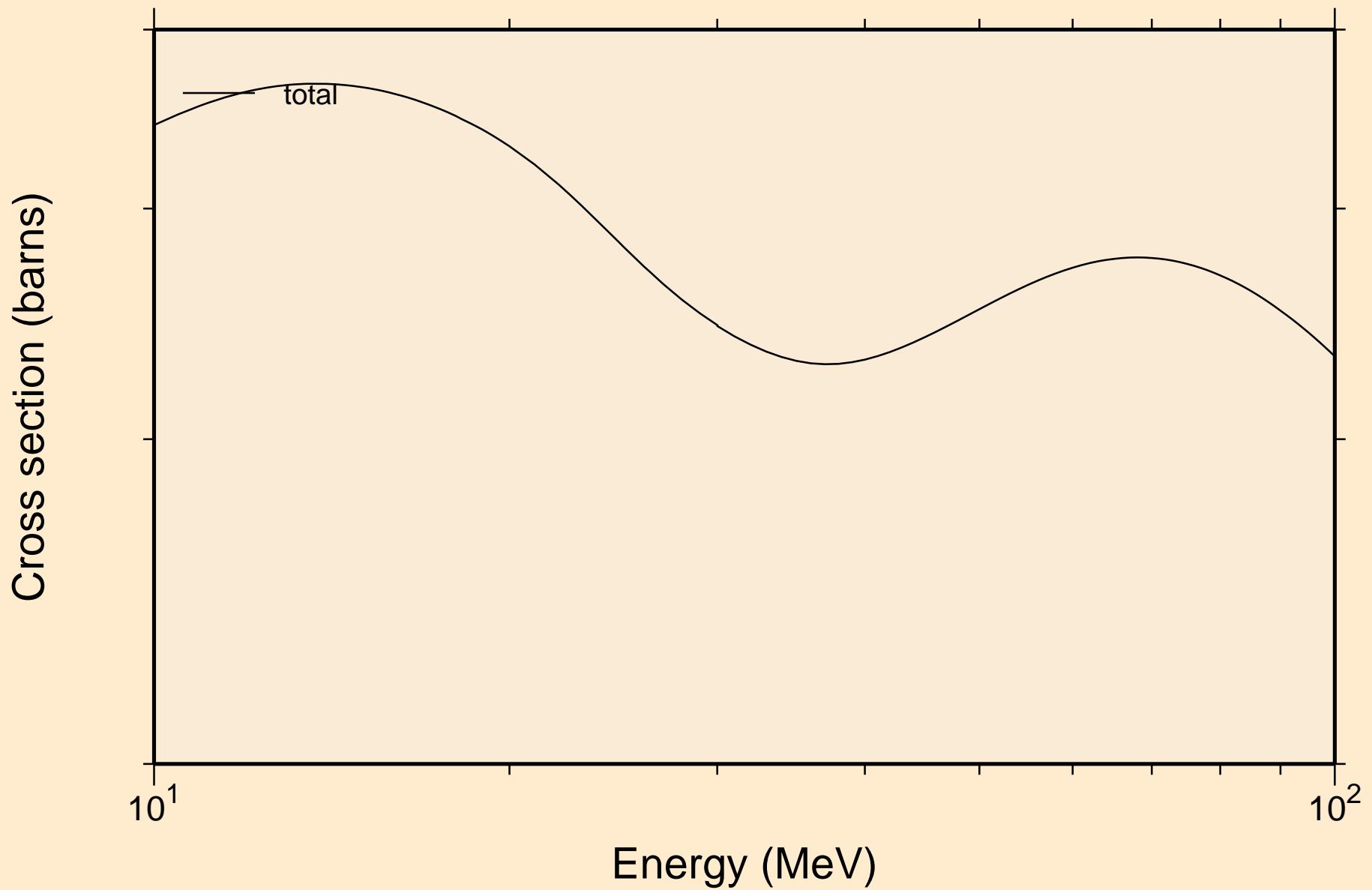
XE125 NRG TENDL-2015, AKONING  
resonance total cross section



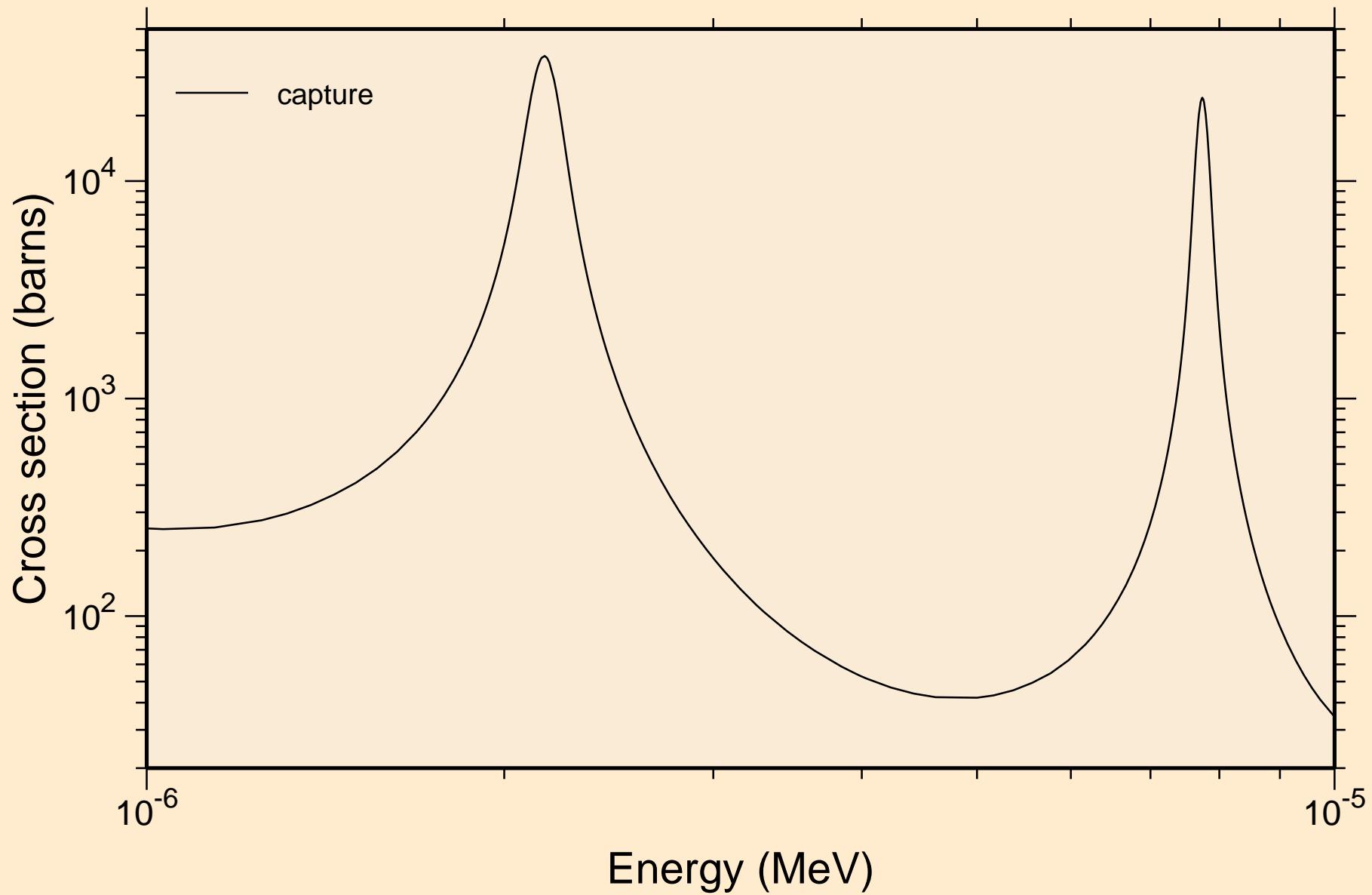
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resonance total cross section



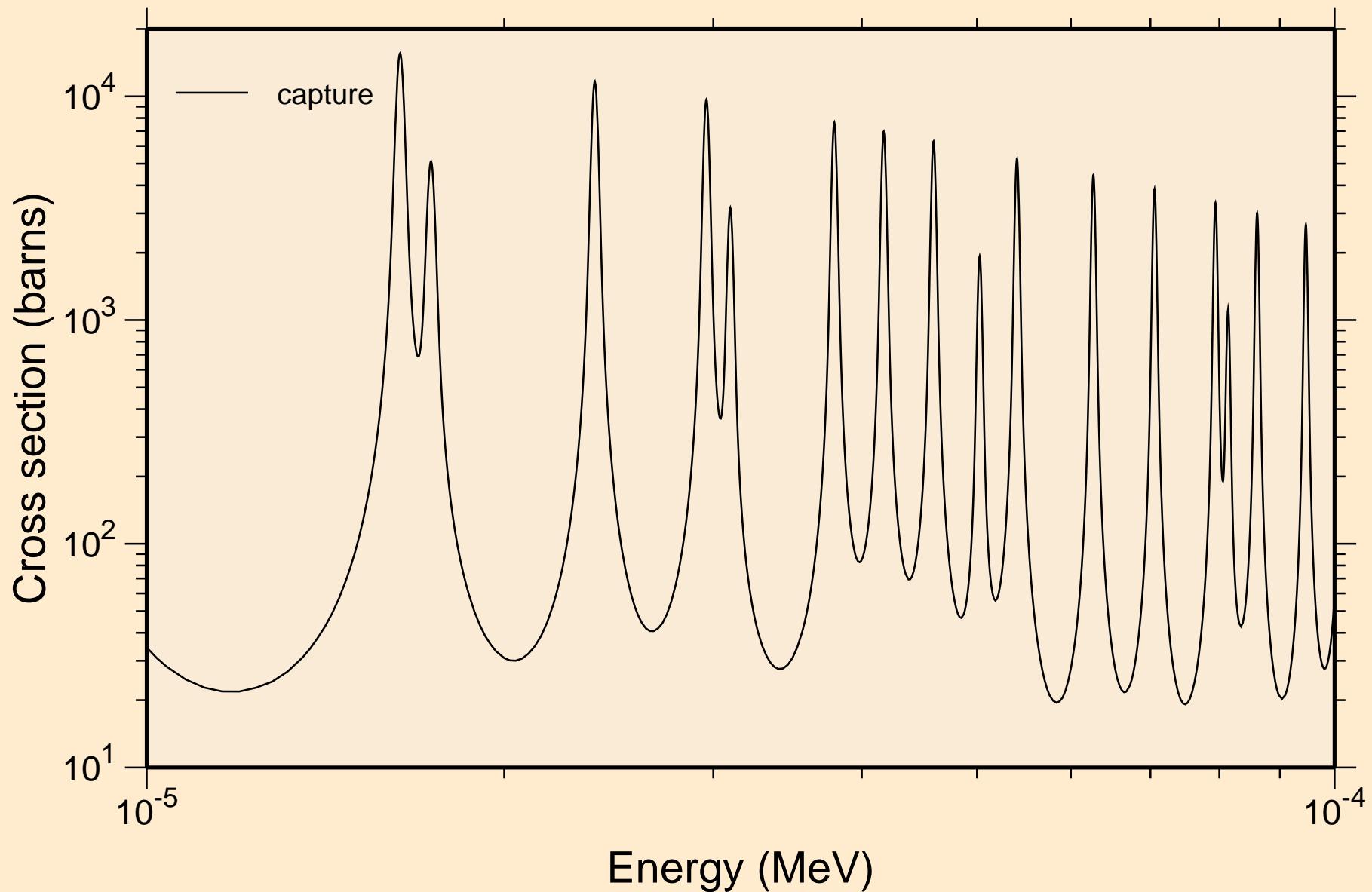
XE125 NRG TENDL-2015, AKONING  
resonance total cross section



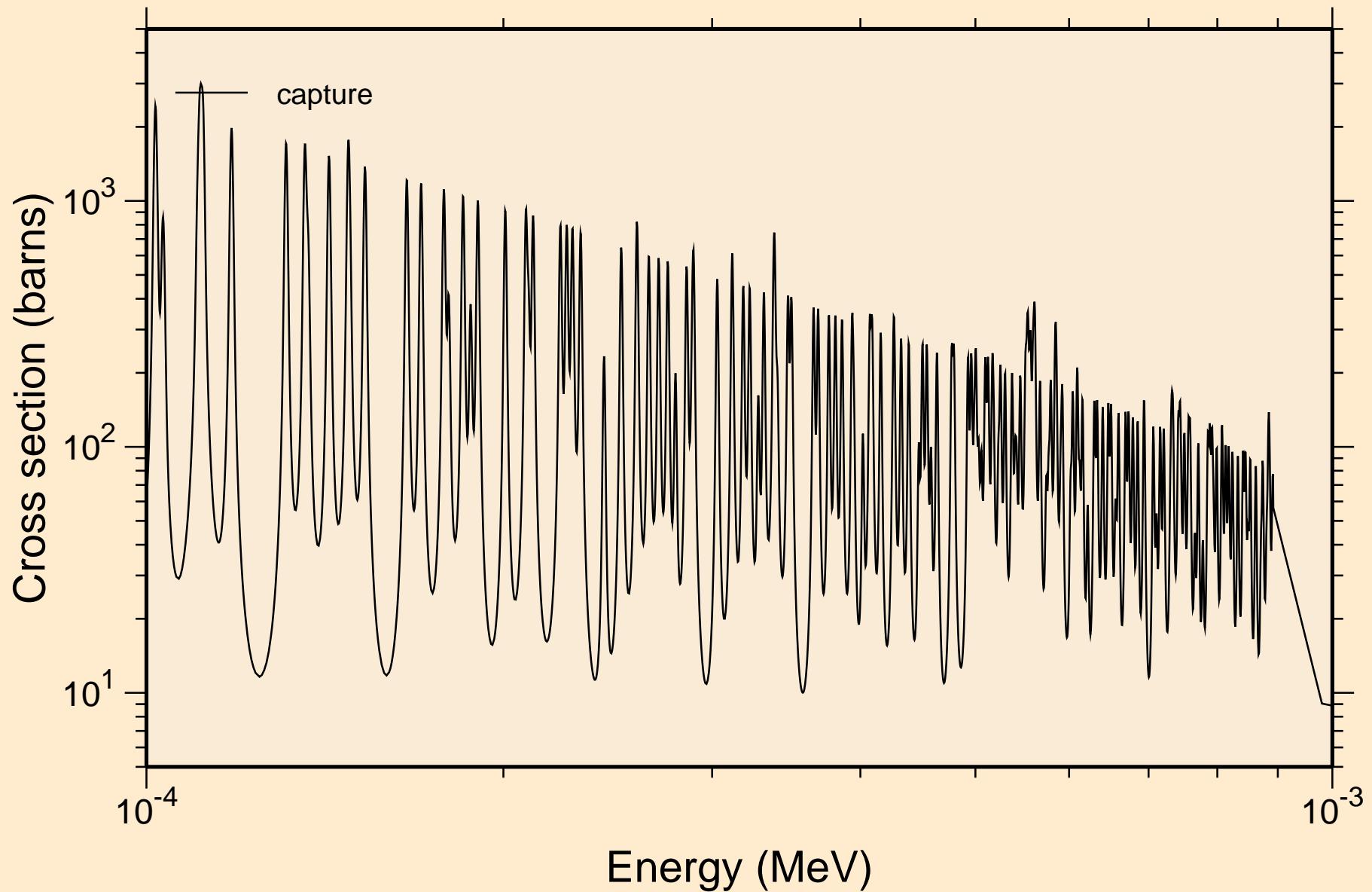
# XE125 NRG TENDL-2015, AKONING resonance absorption cross sections



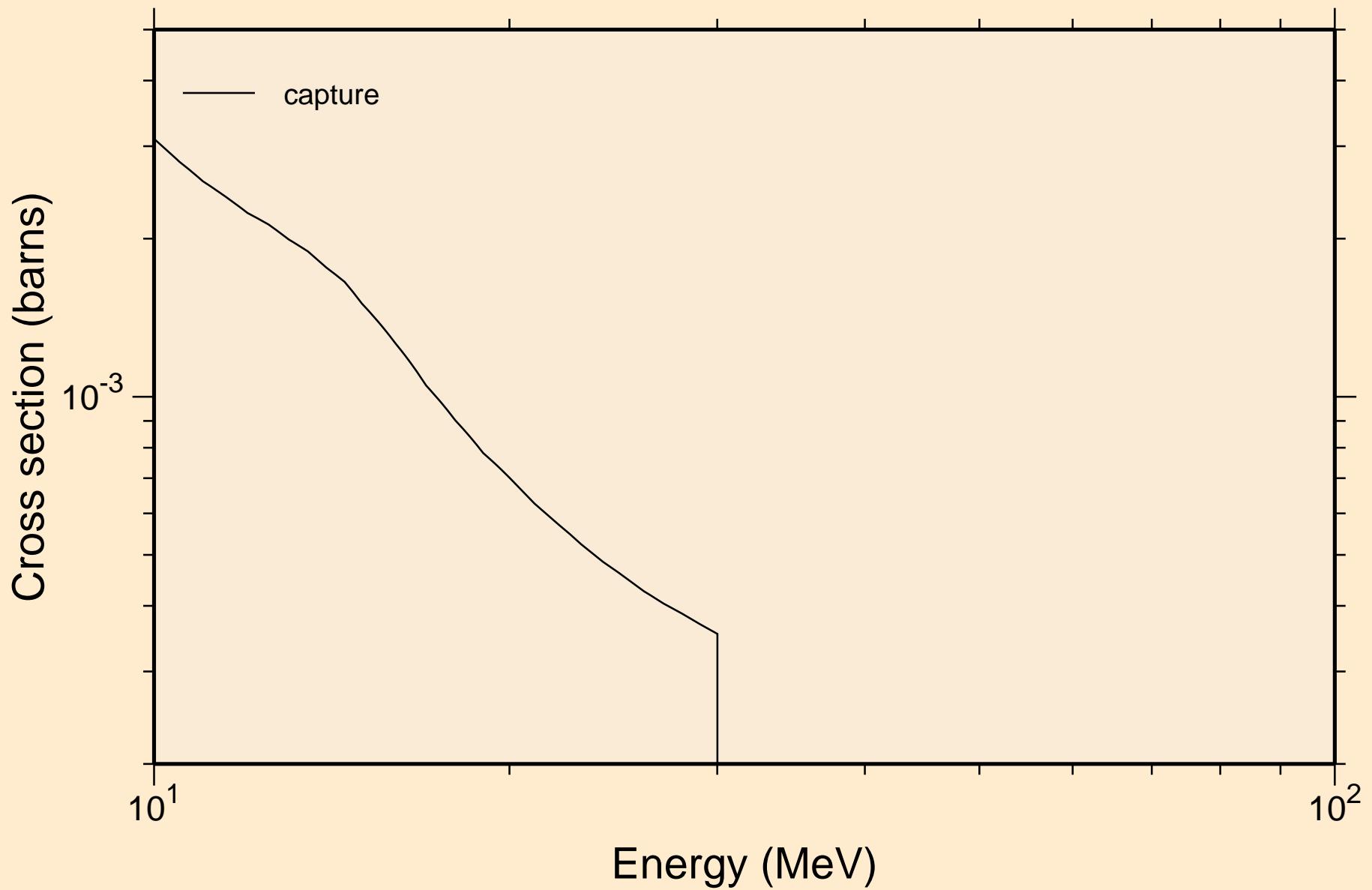
XE125 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# XE125 NRG TENDL-2015, AKONING resonance absorption cross sections

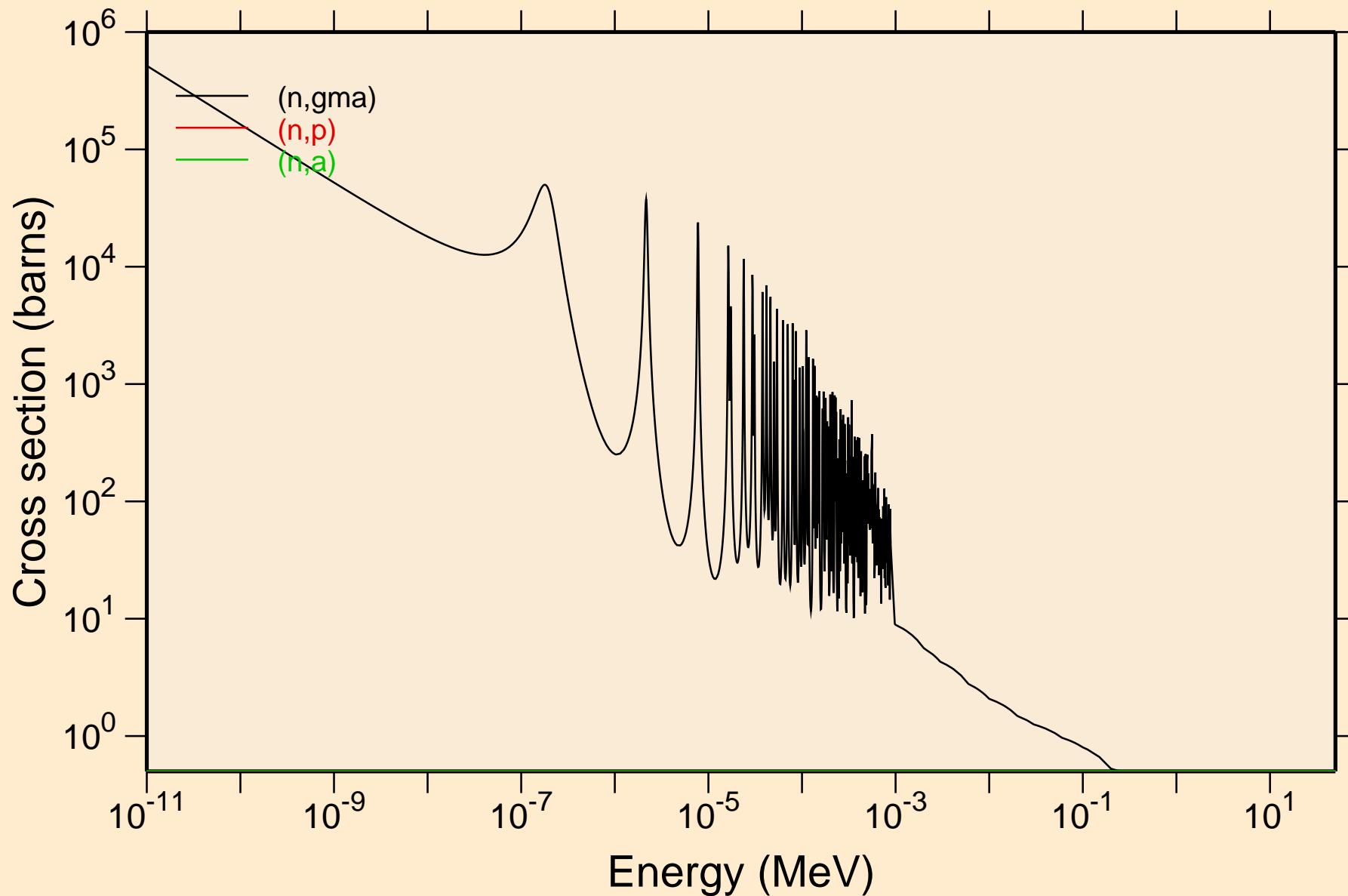


XE125 NRG TENDL-2015, AKONING  
resonance absorption cross sections



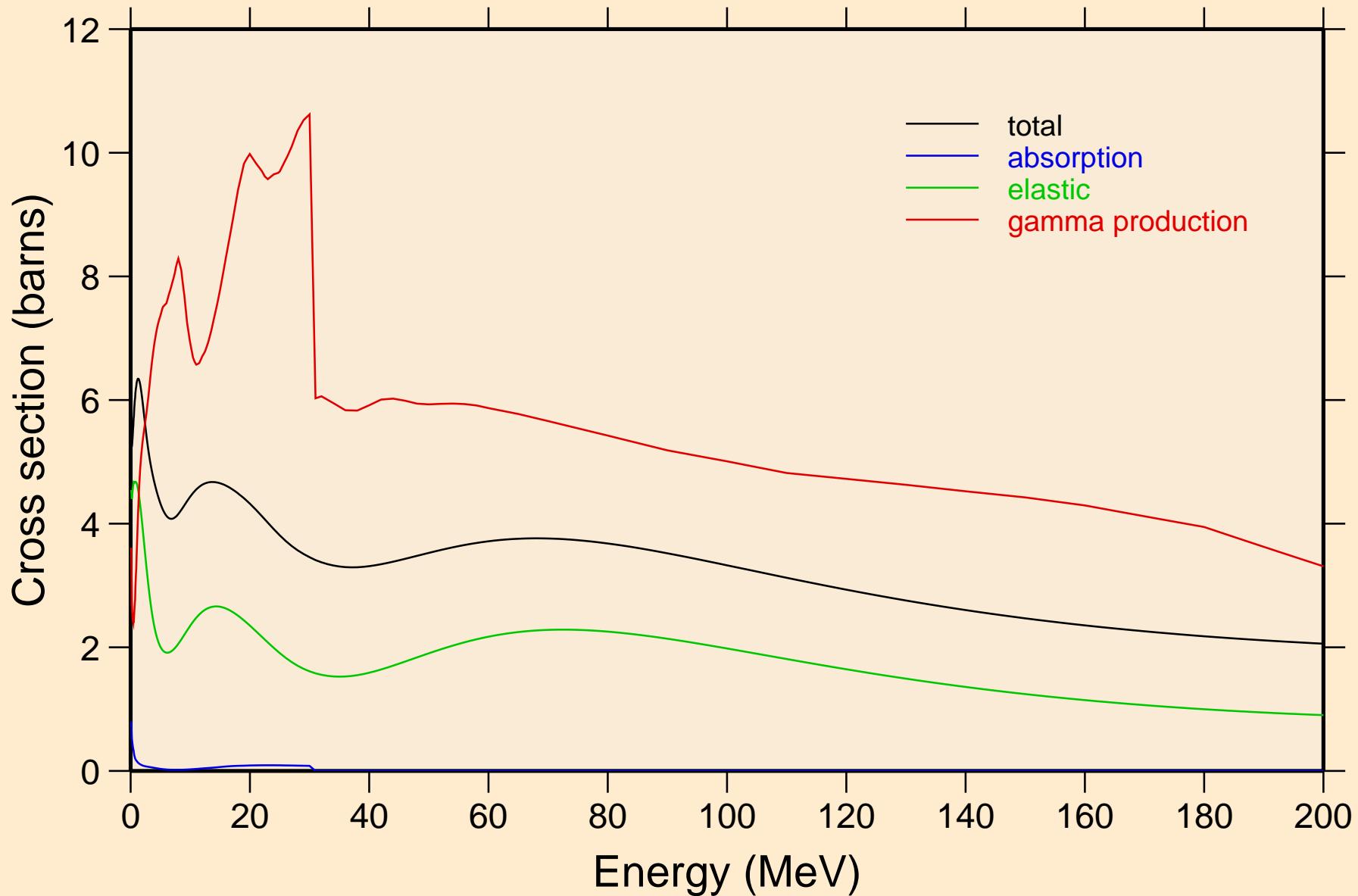
# XE125 NRG TENDL-2015, AKONING

## Non-threshold reactions



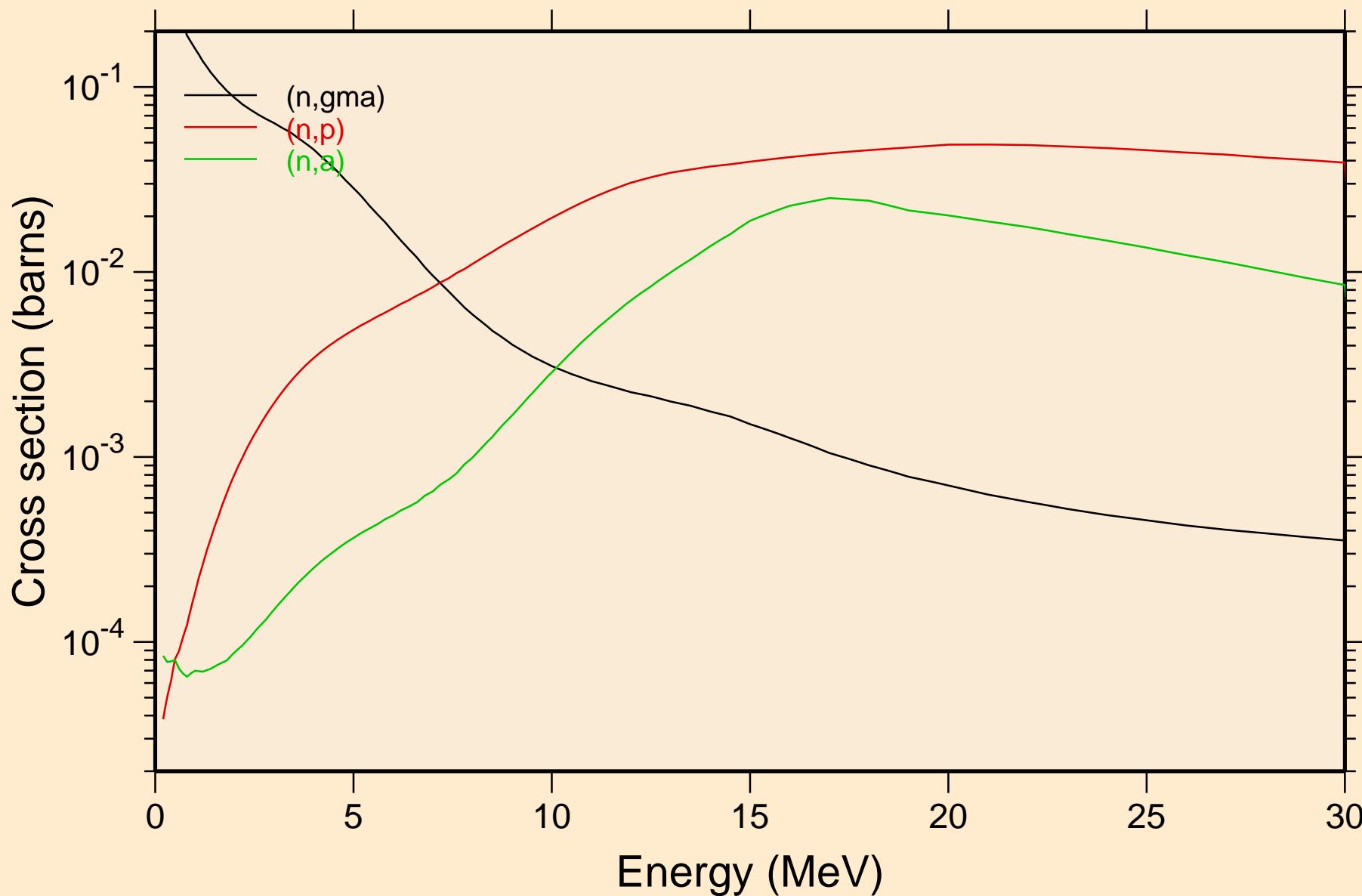
# XE125 NRG TENDL-2015, AKONING

## Principal cross sections

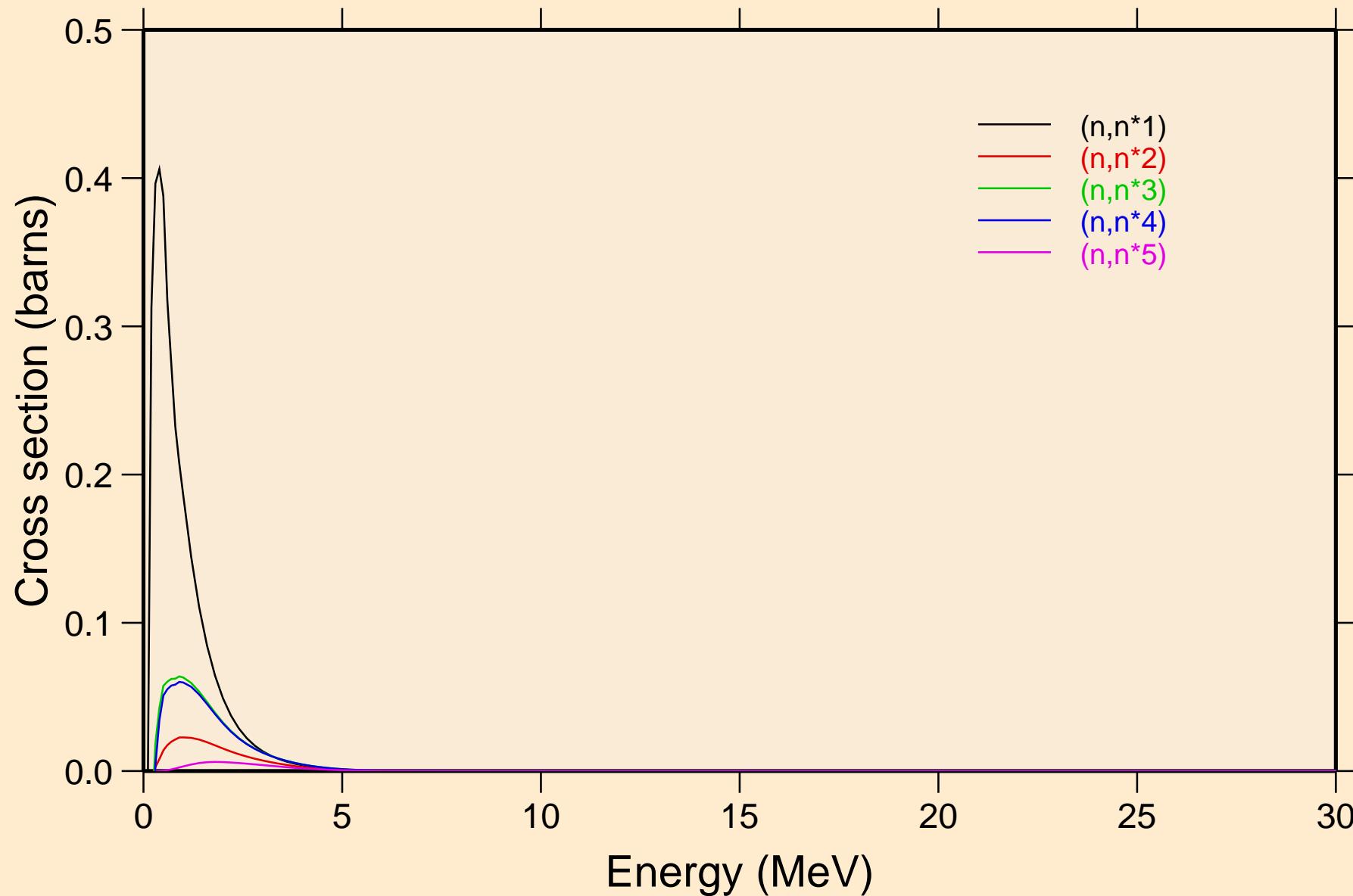


# XE125 NRG TENDL-2015, AKONING

## Non-threshold reactions

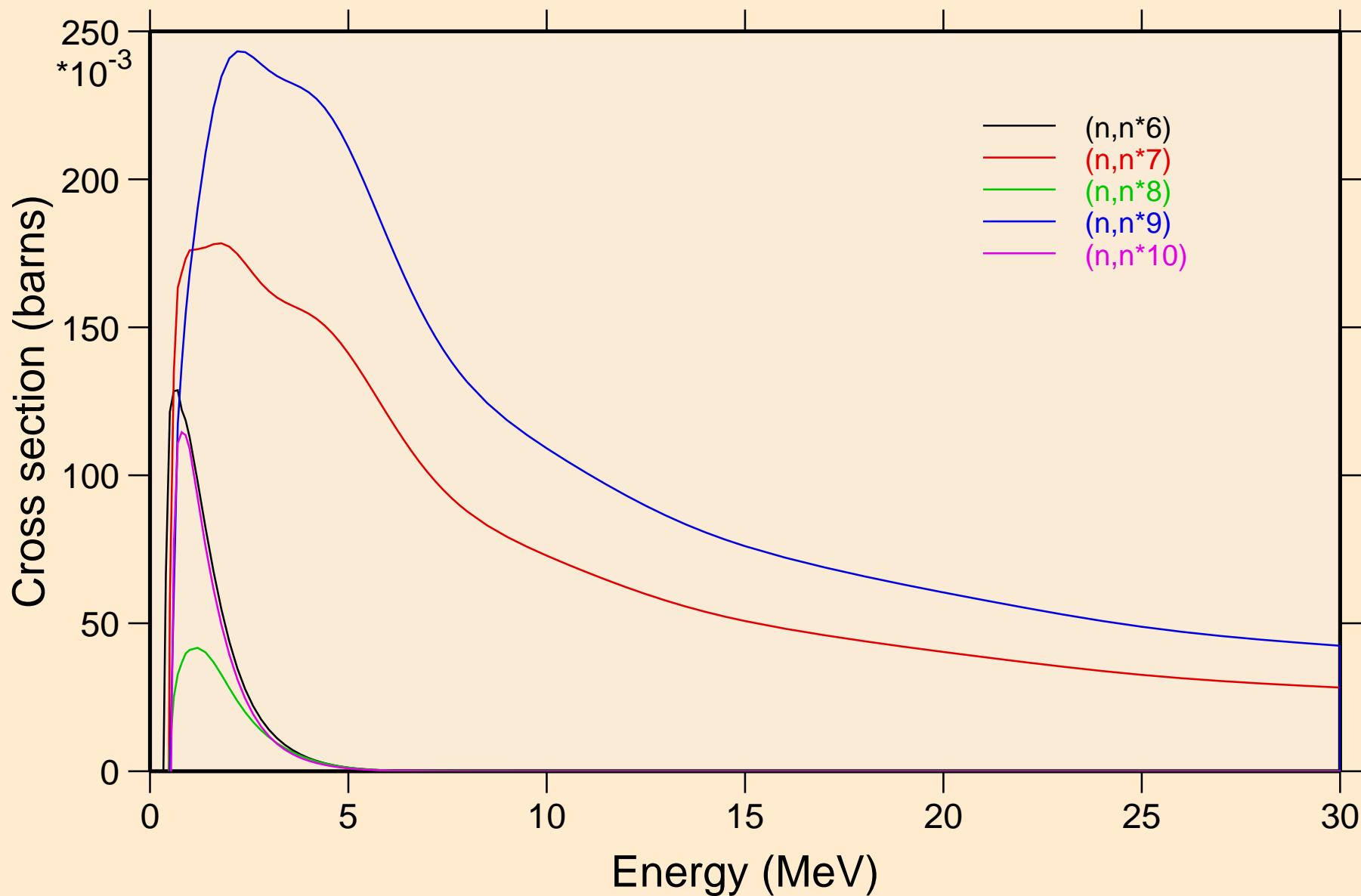


XE125 NRG TENDL-2015, AKONING  
Inelastic levels



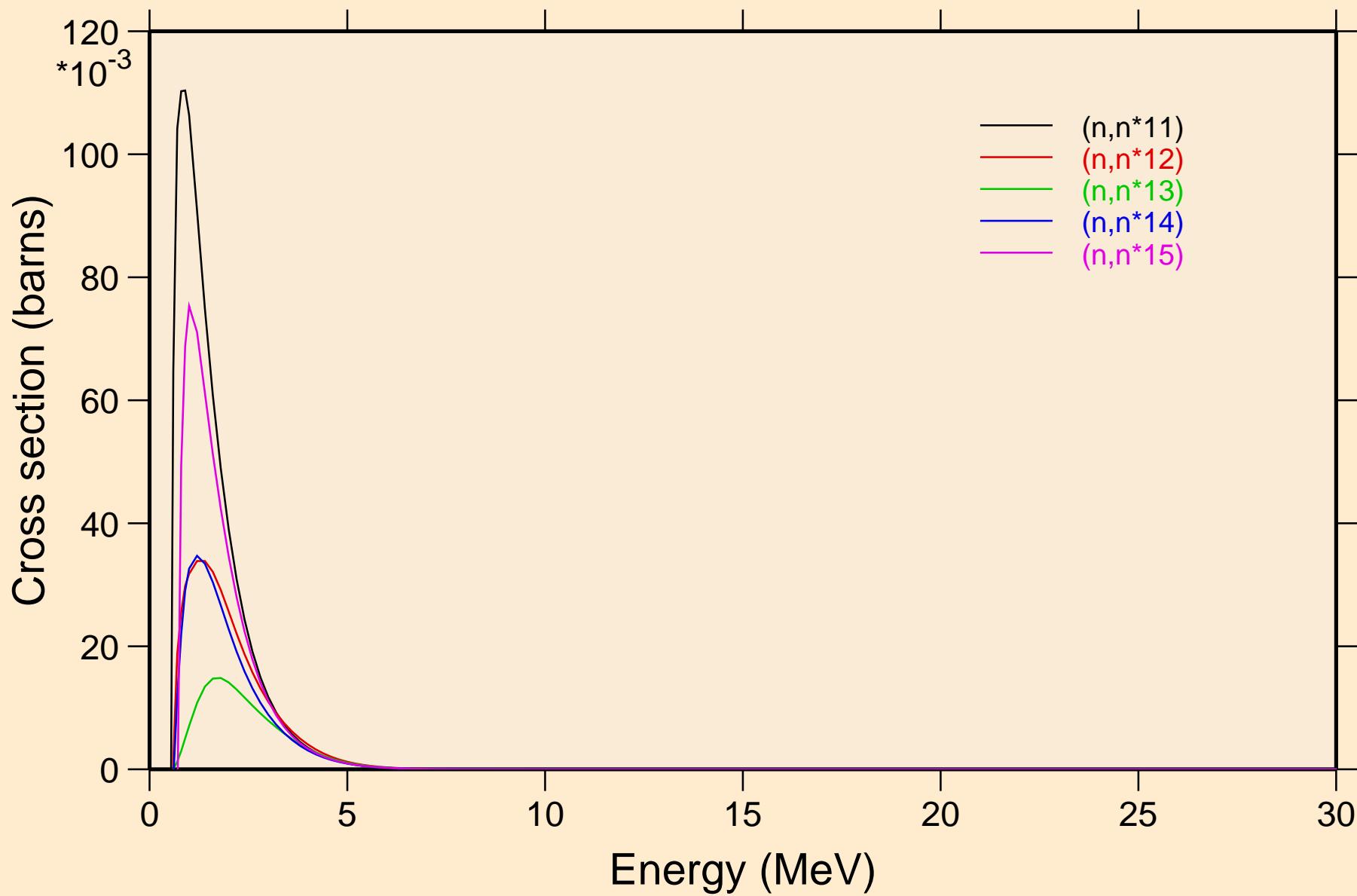
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## Inelastic levels



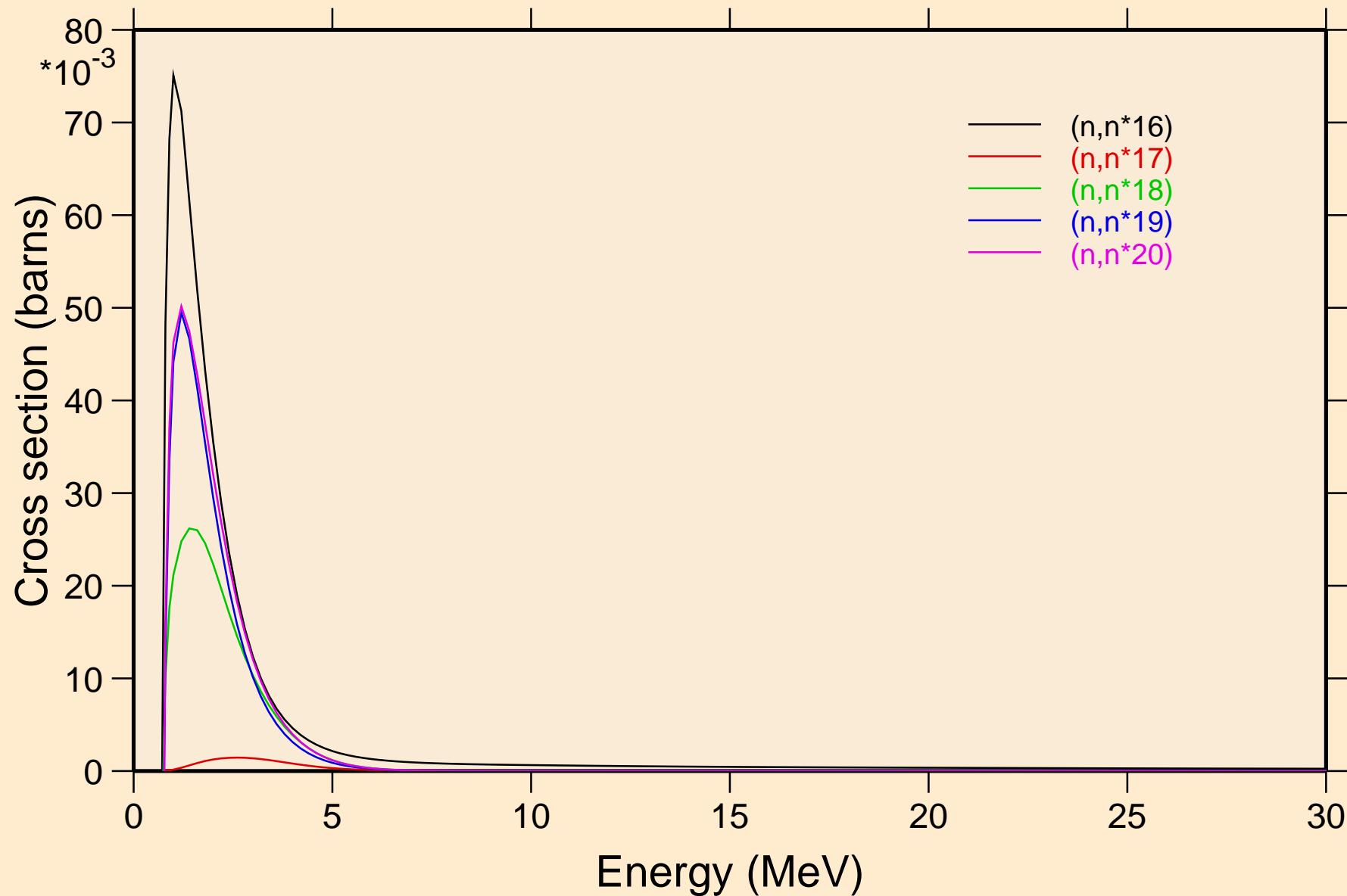
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## Inelastic levels



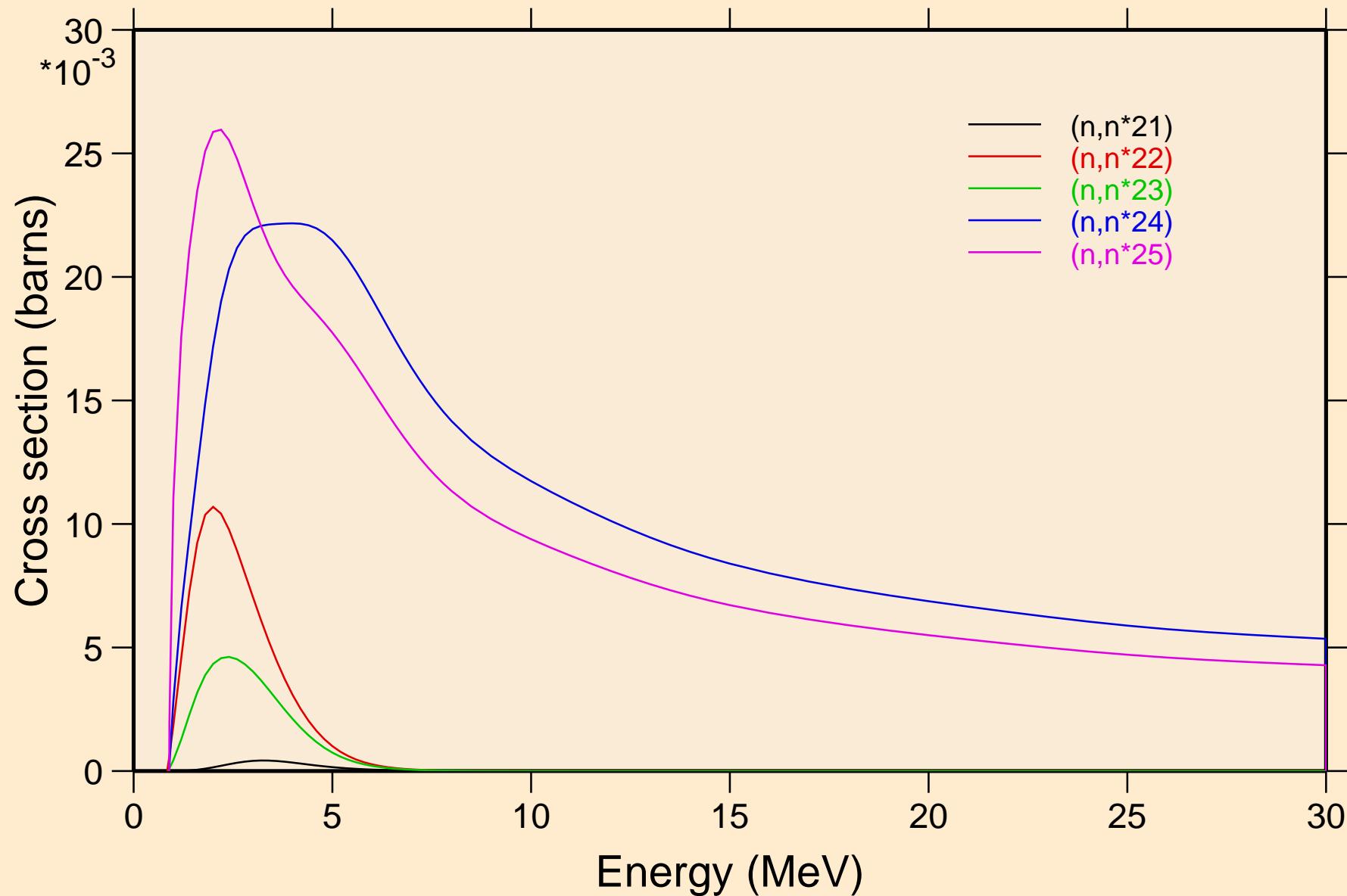
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## Inelastic levels



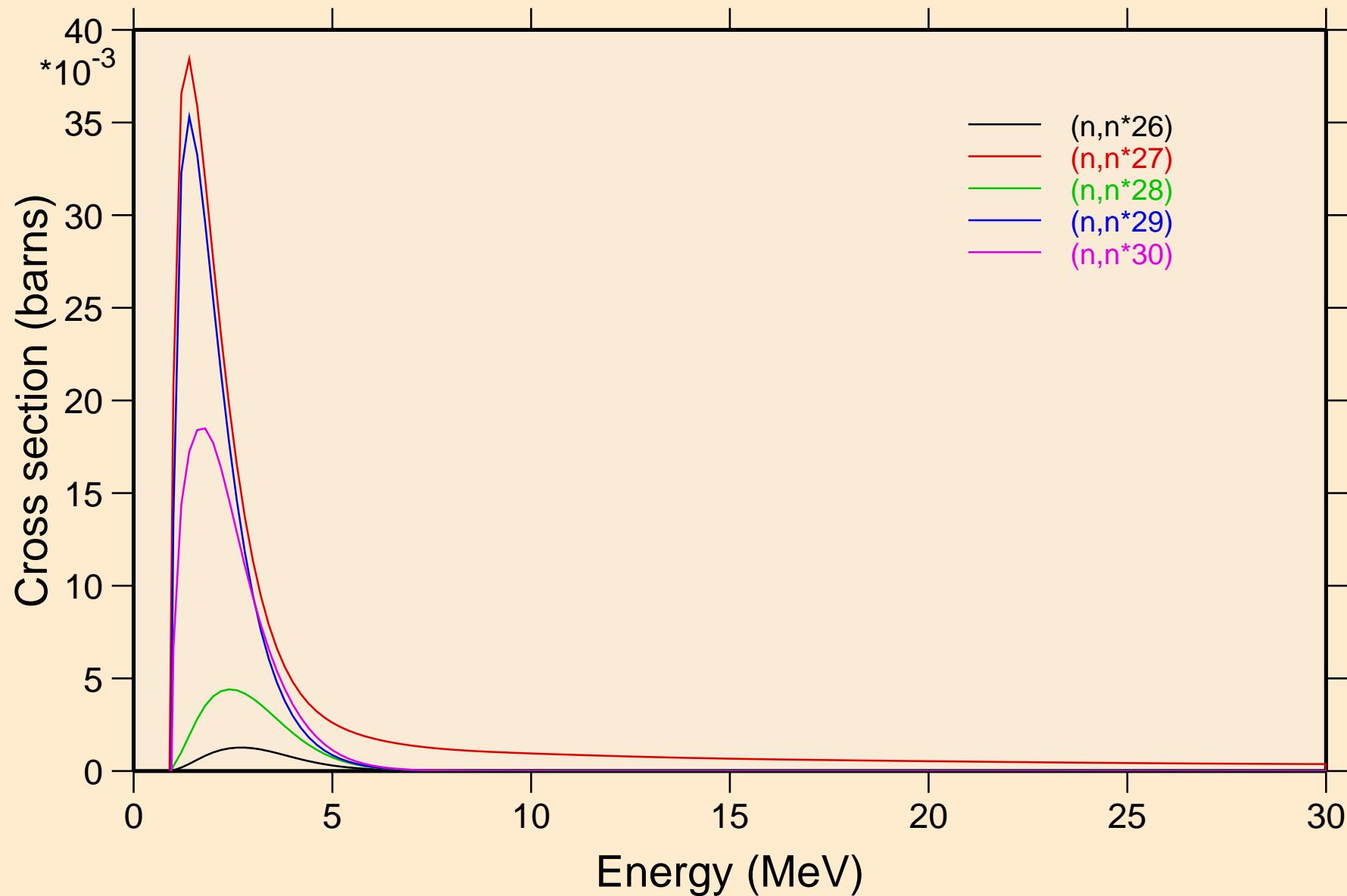
# XE125 NRG TENDL-2015, AKONING

## Inelastic levels



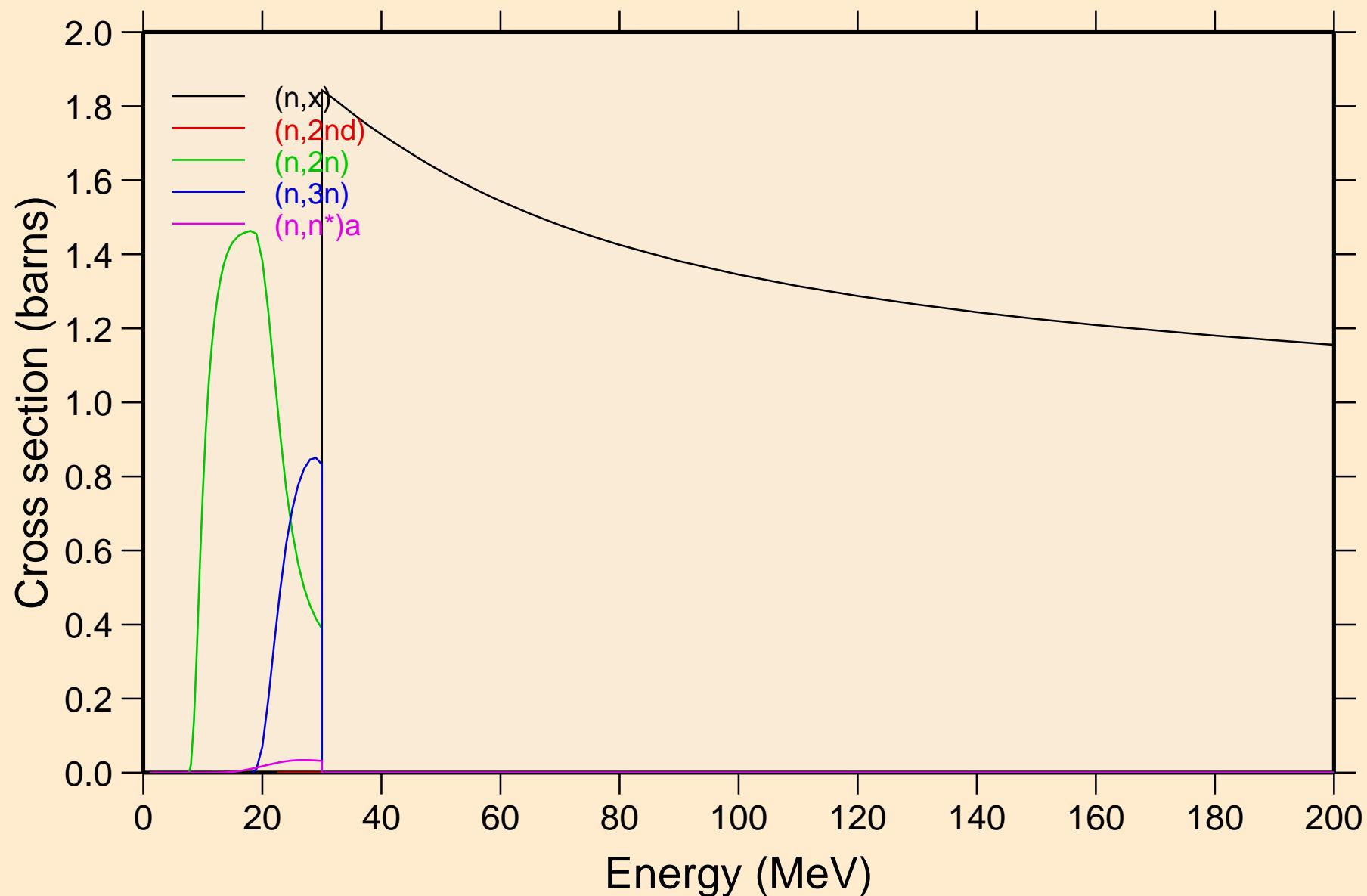
# XE125 NRG TENDL-2015, AKONING

## Inelastic levels



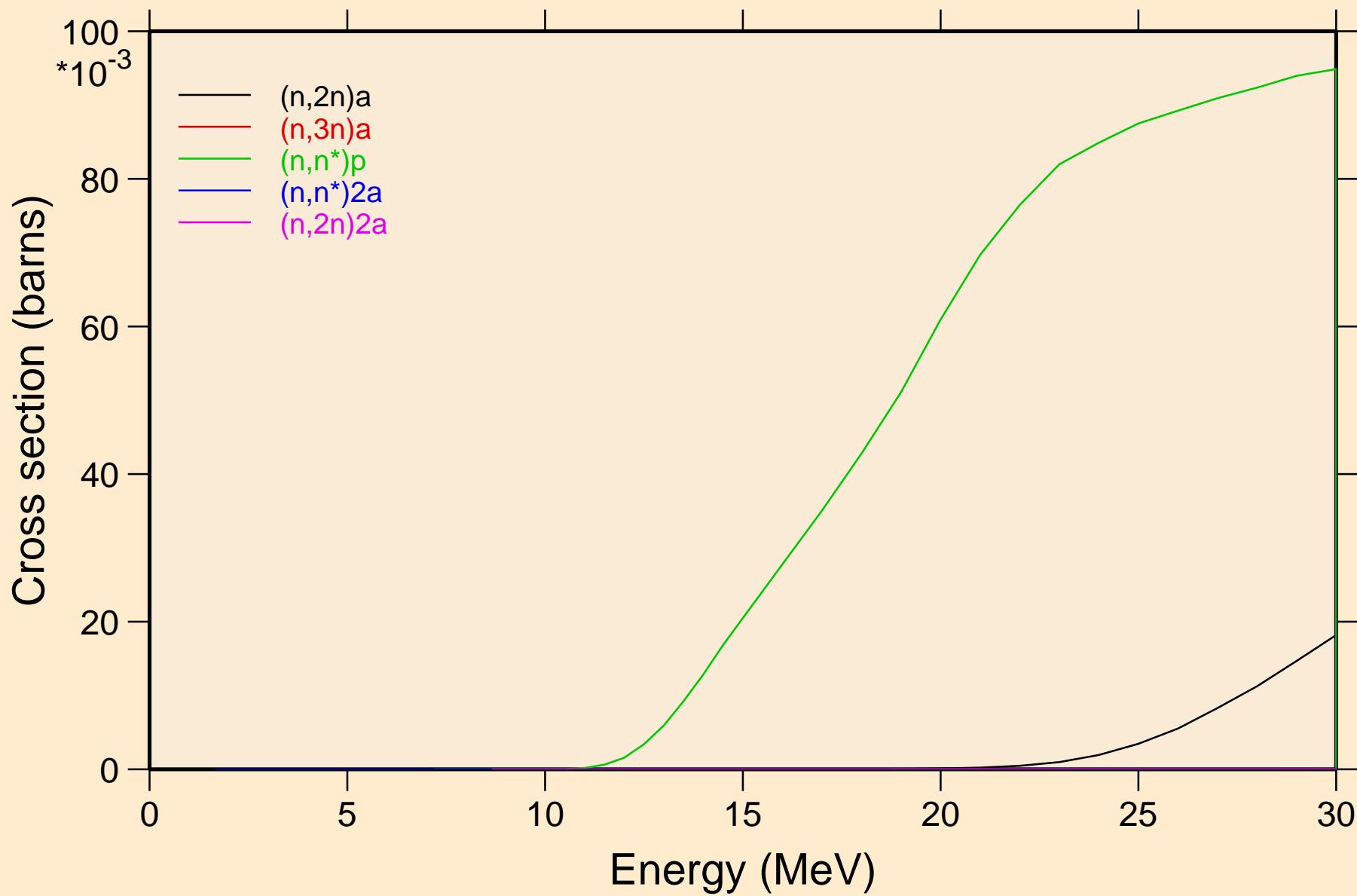
# XE125 NRG TENDL-2015, AKONING

## Threshold reactions



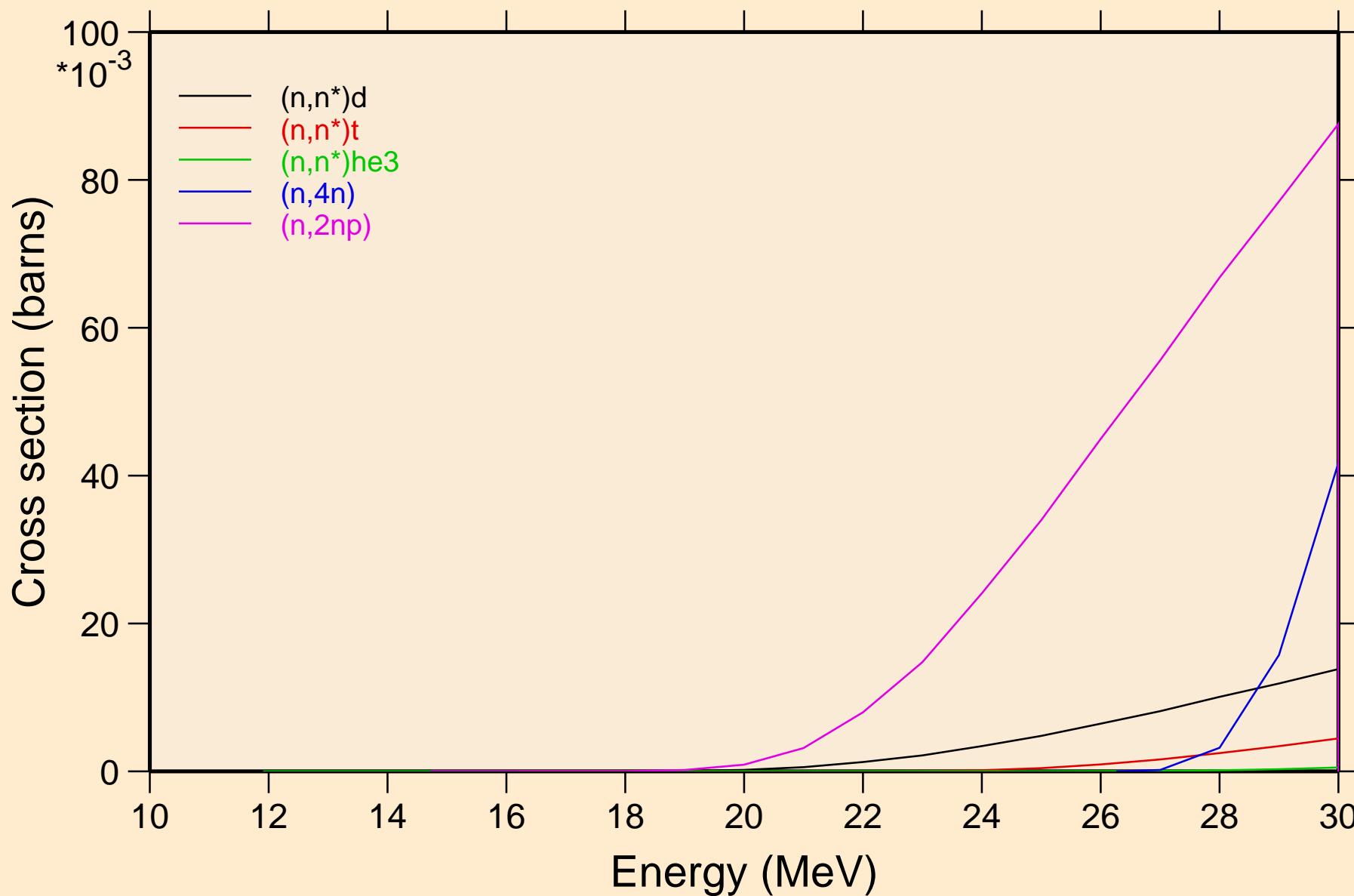
# XE125 NRG TENDL-2015, AKONING

## Threshold reactions



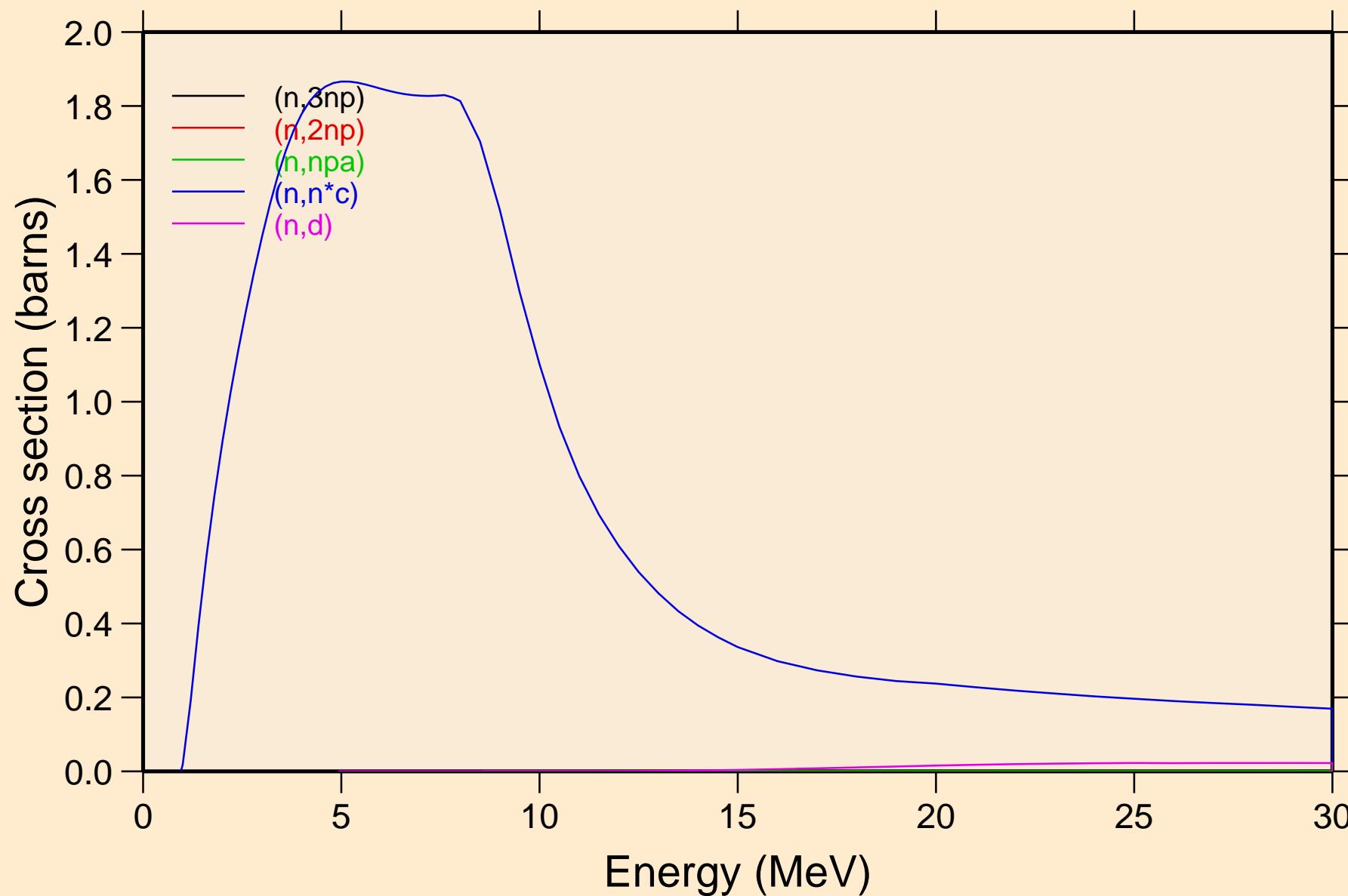
# XE125 NRG TENDL-2015, AKONING

## Threshold reactions



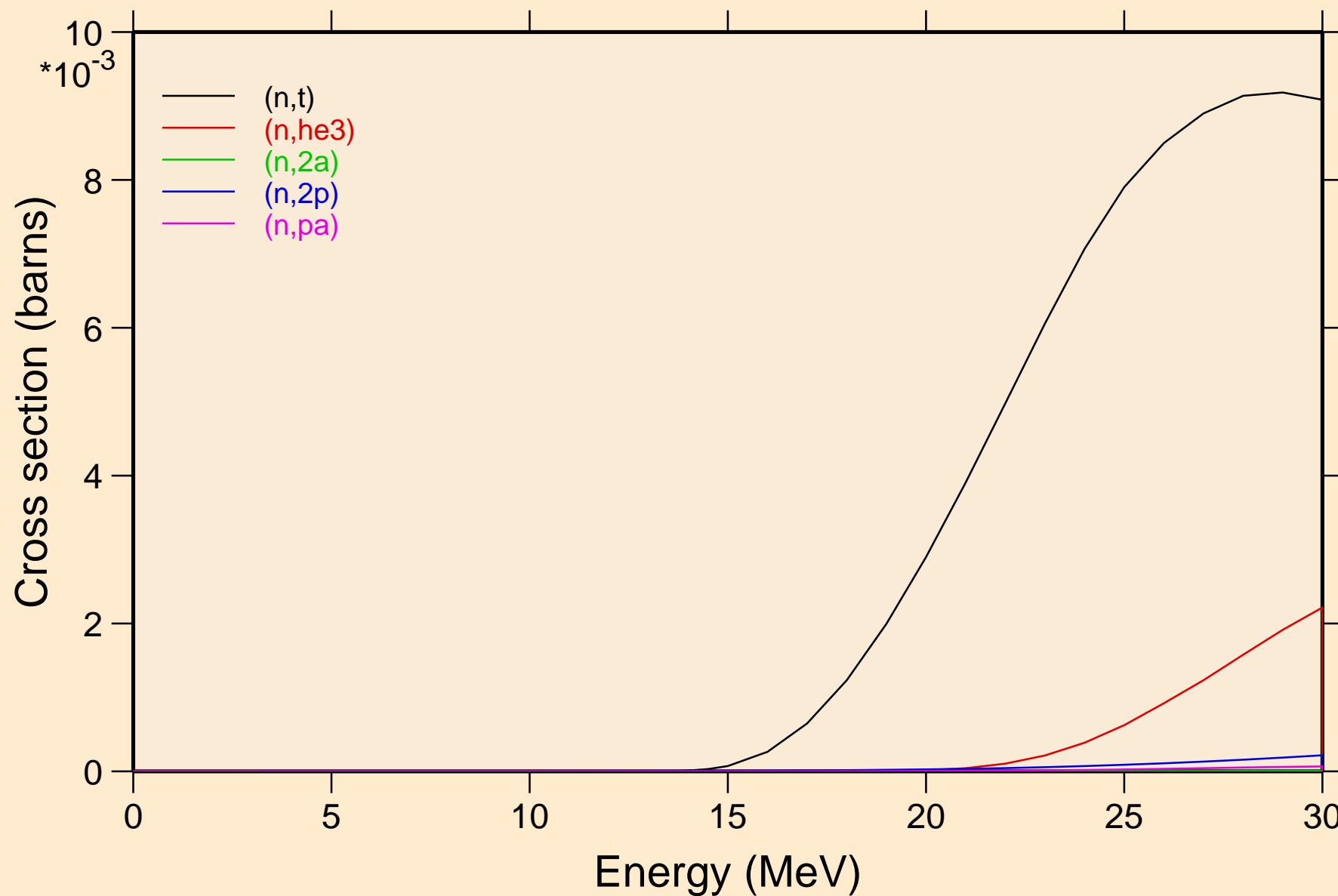
# XE125 NRG TENDL-2015, AKONING

## Threshold reactions



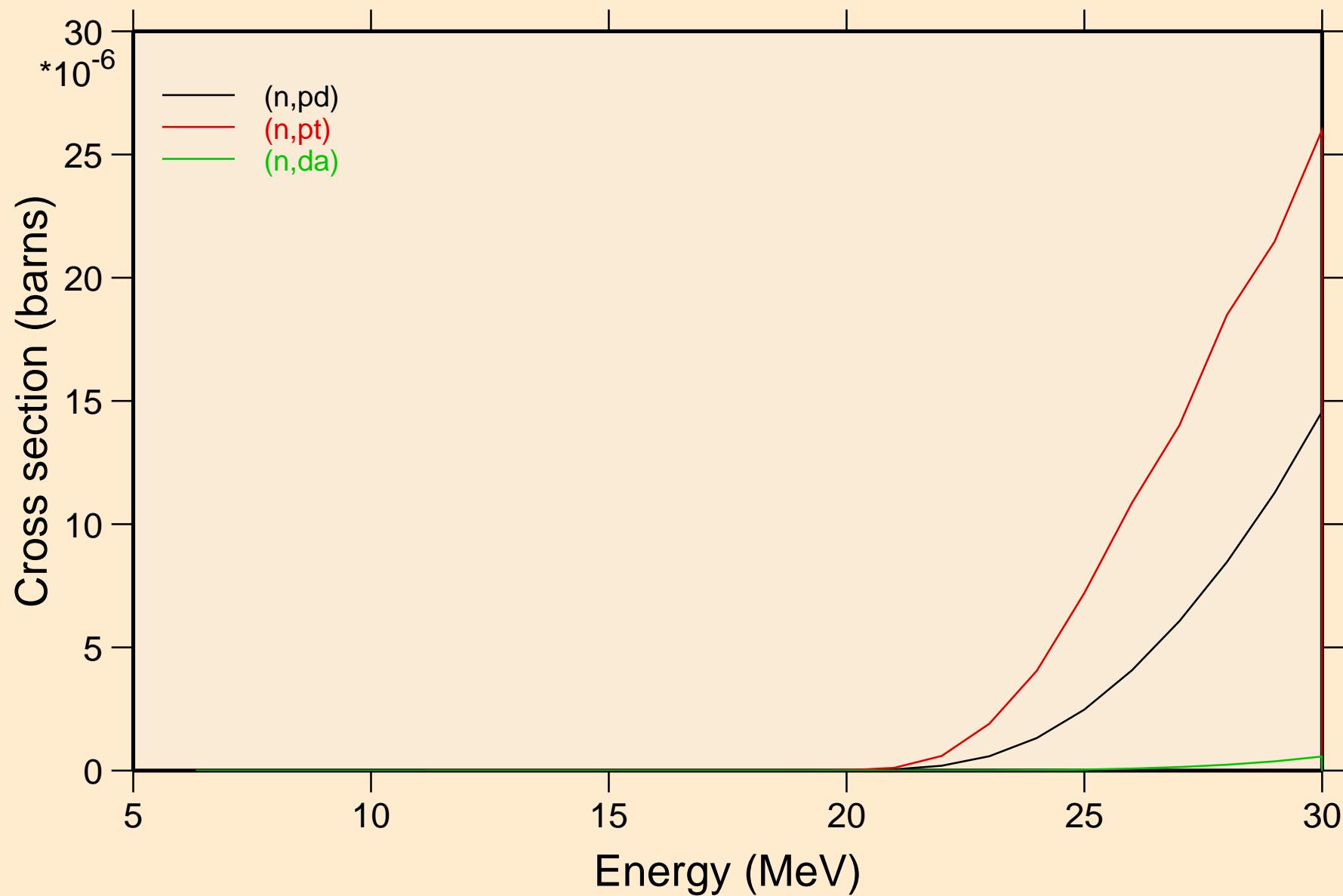
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## Threshold reactions

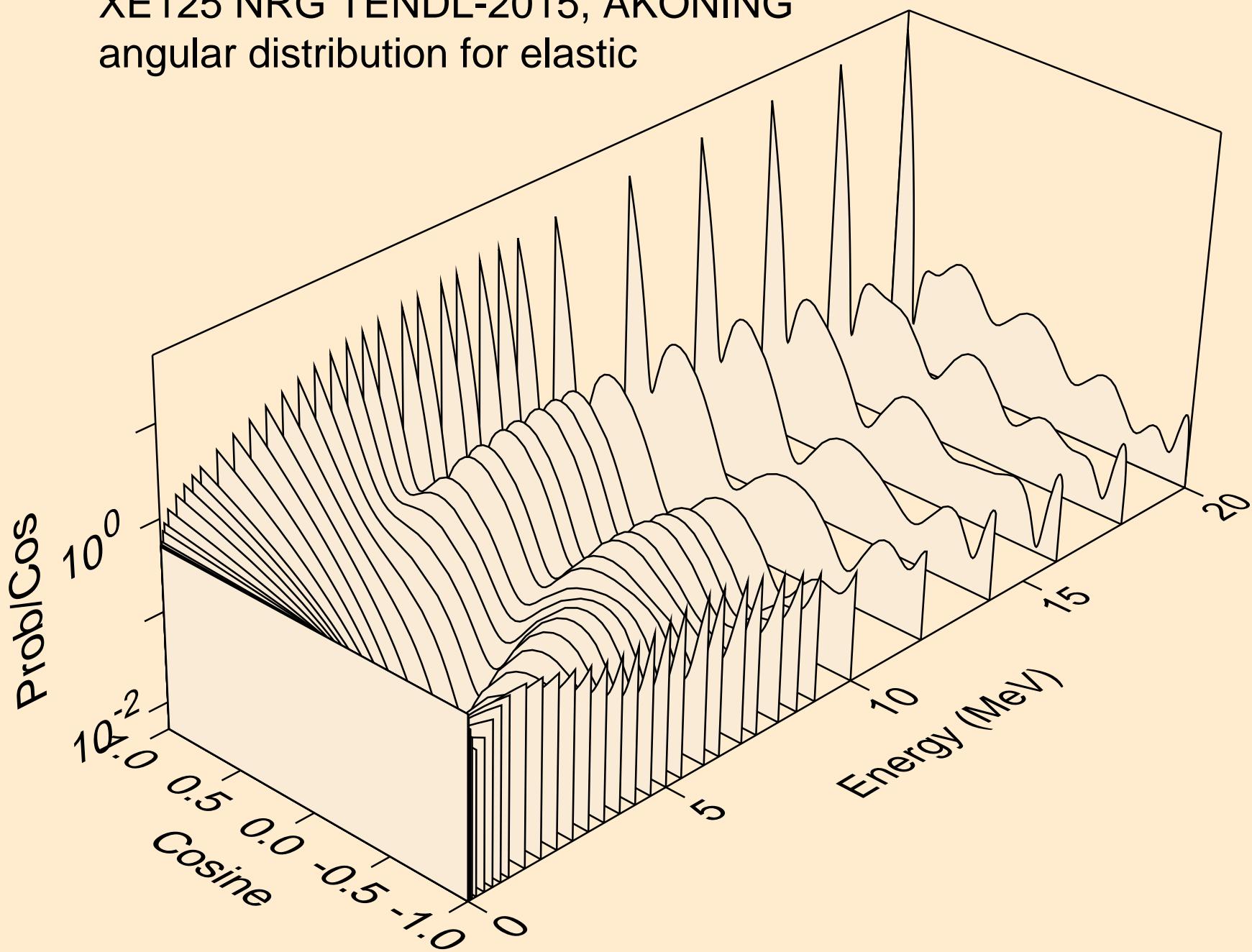


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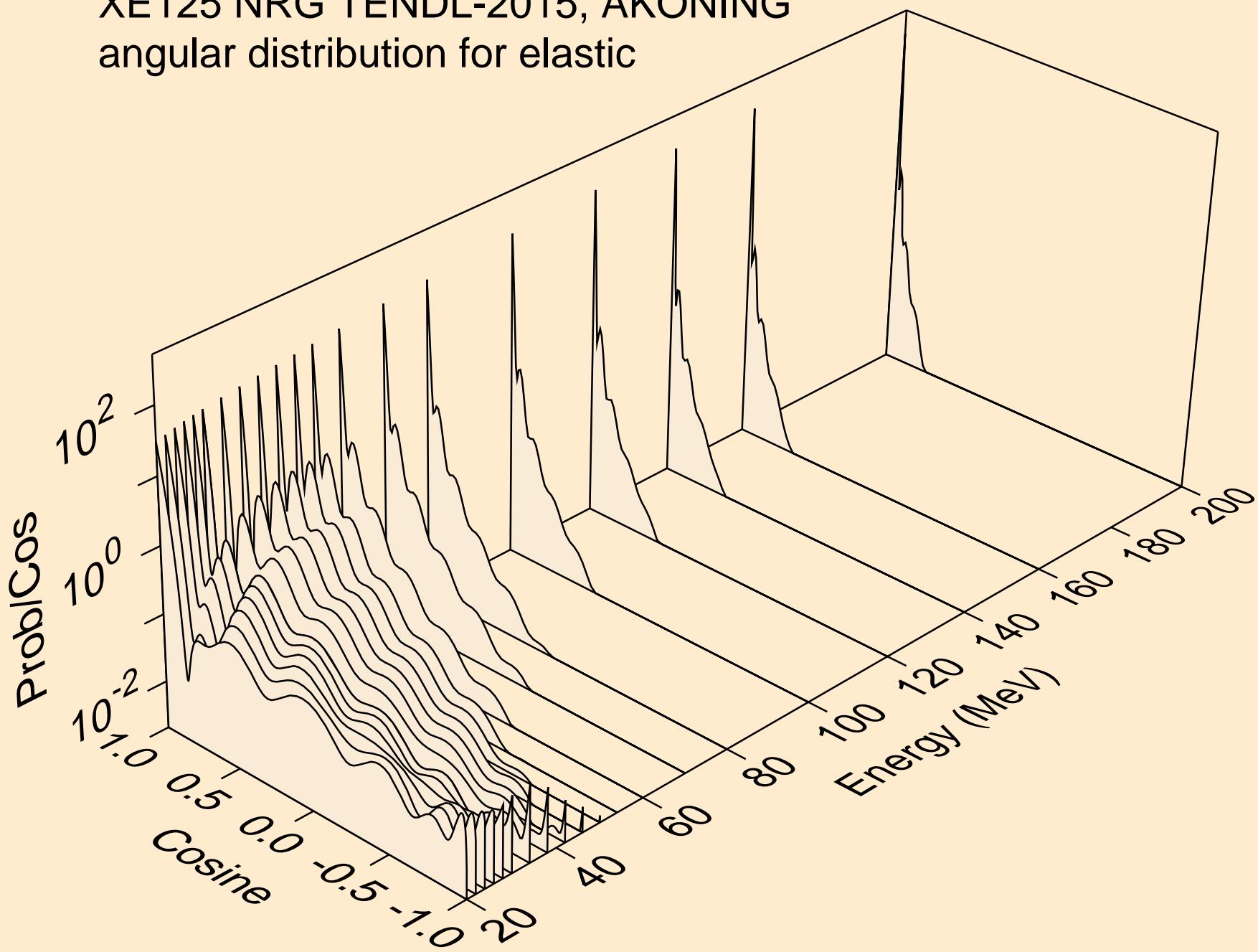
## Threshold reactions



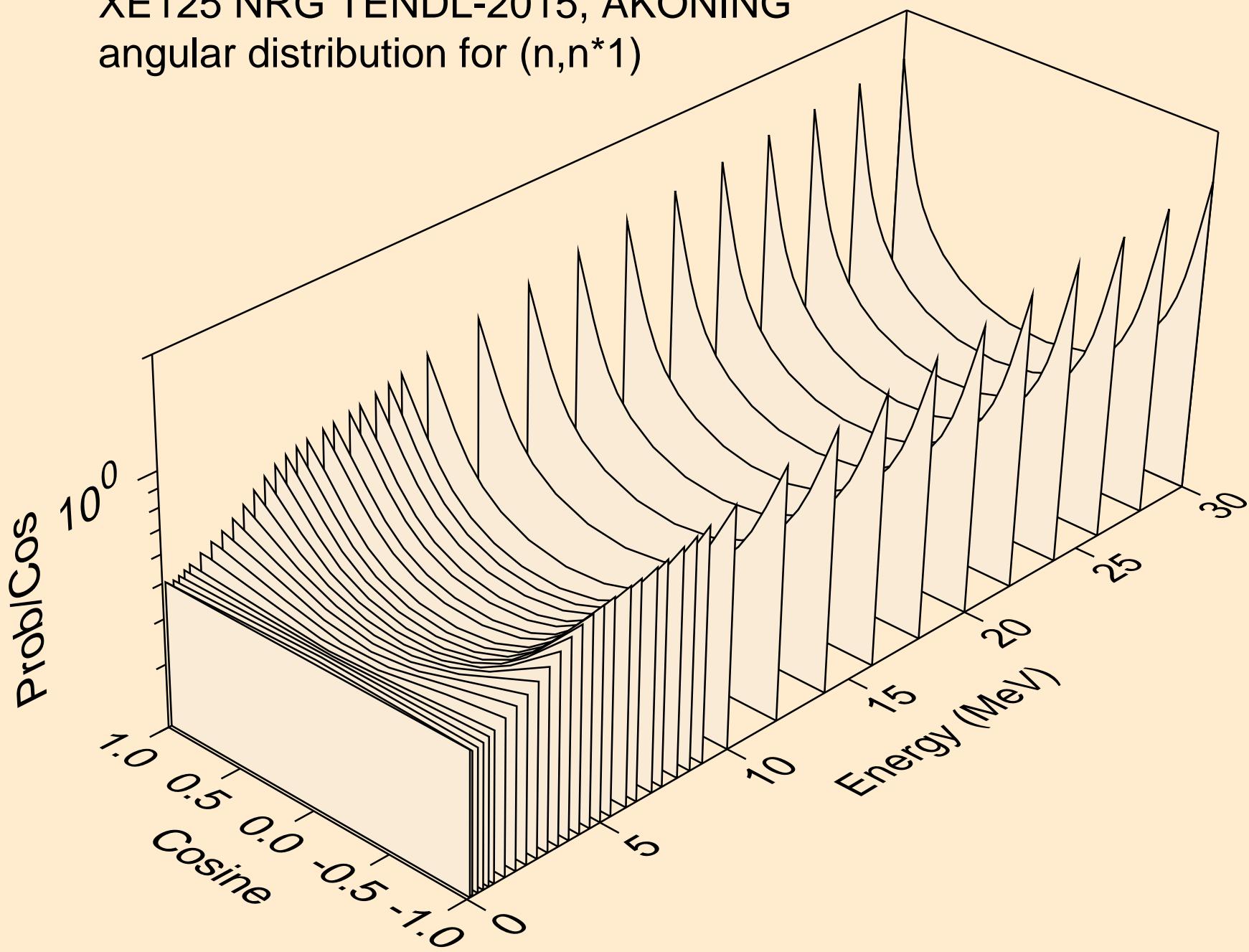
XE125 NRG TENDL-2015, AKONING  
angular distribution for elastic



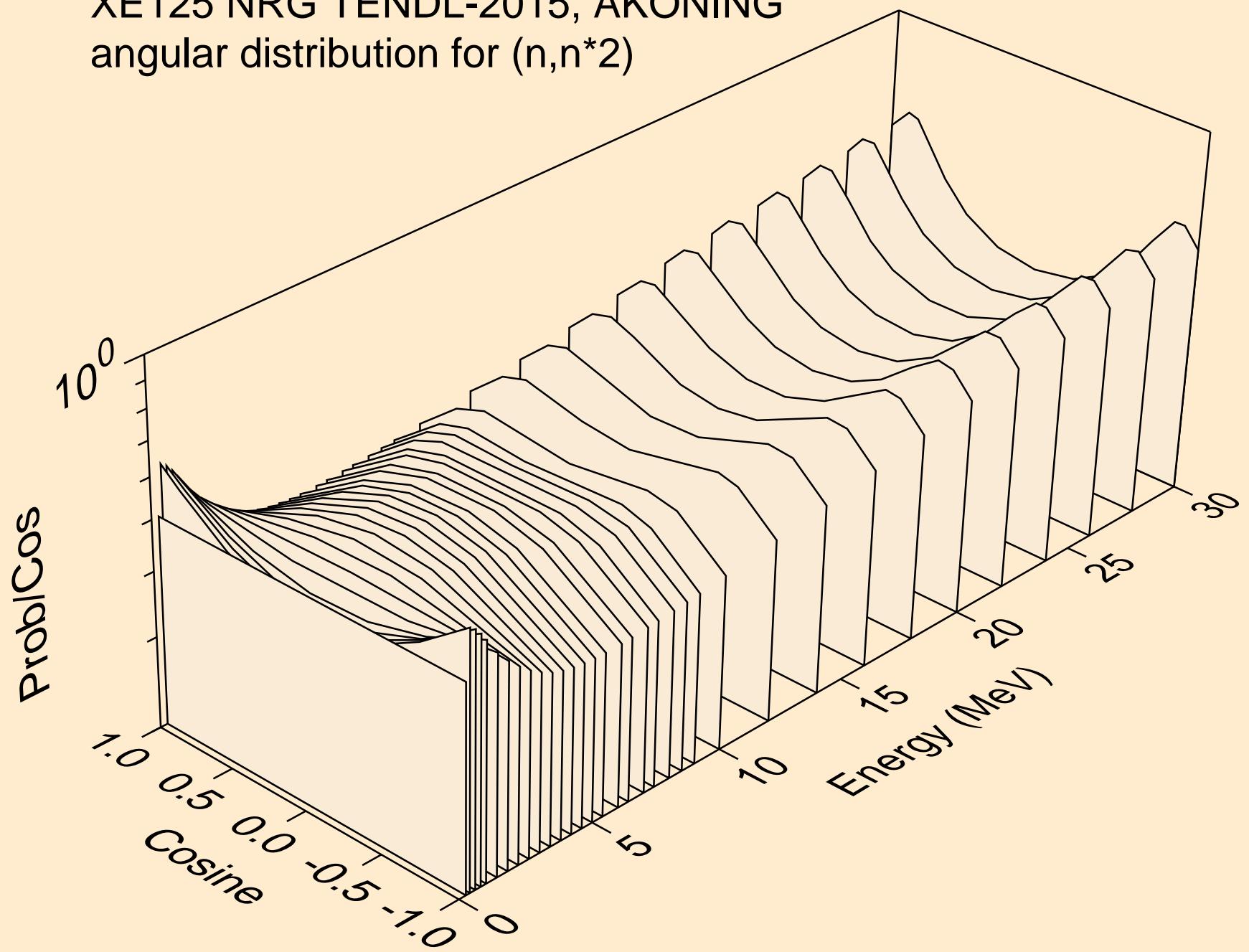
XE125 NRG TENDL-2015, AKONING  
angular distribution for elastic



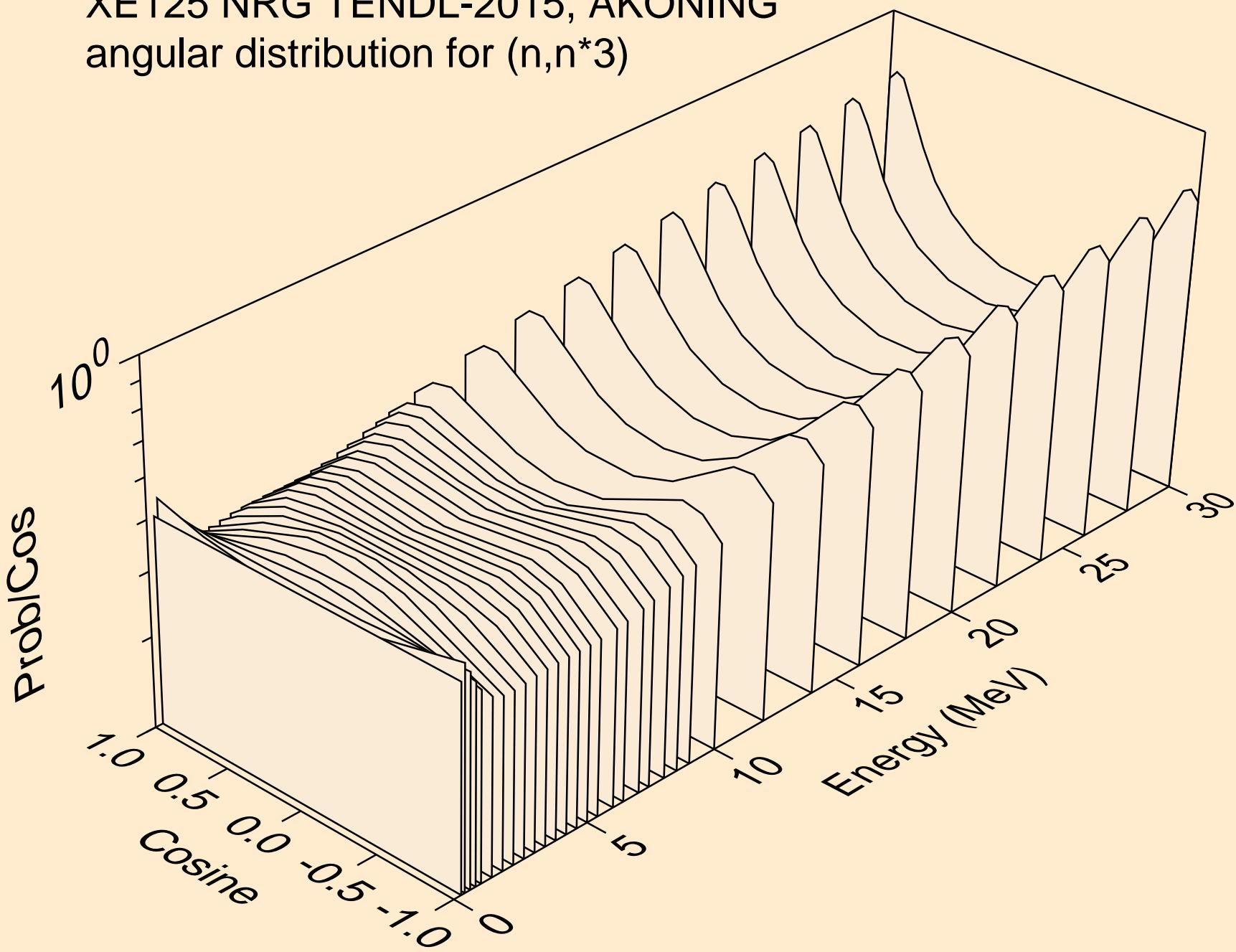
XE125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



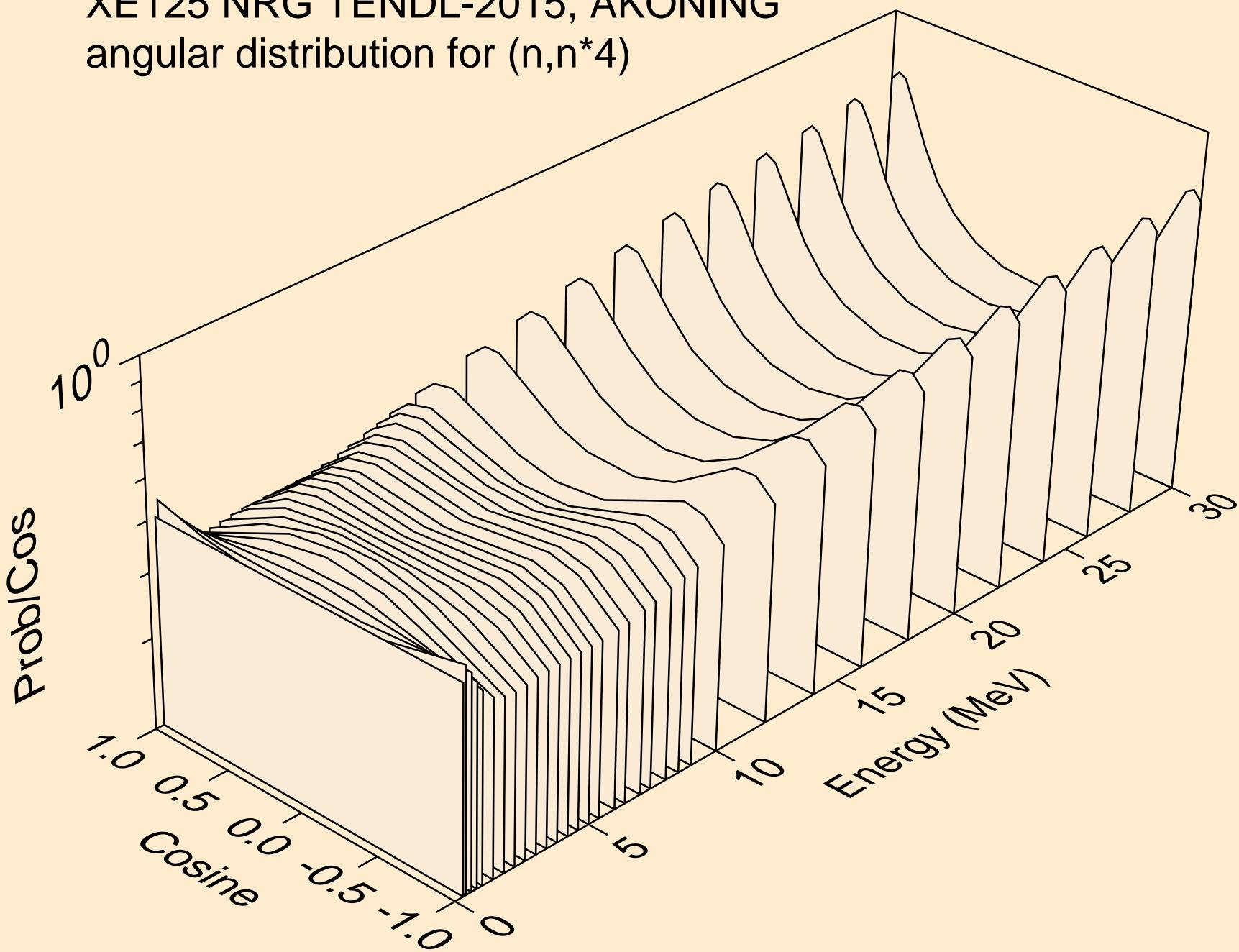
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



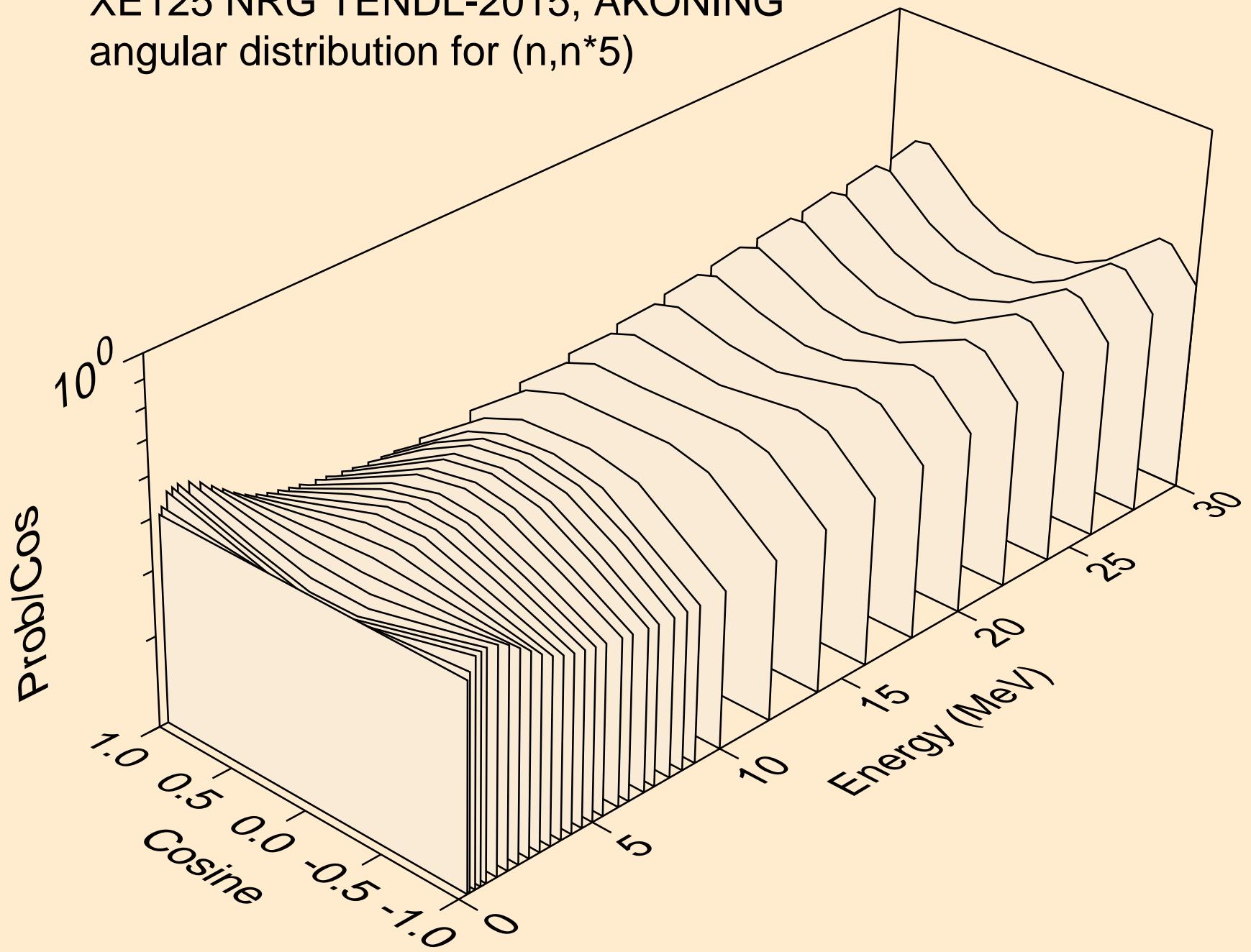
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



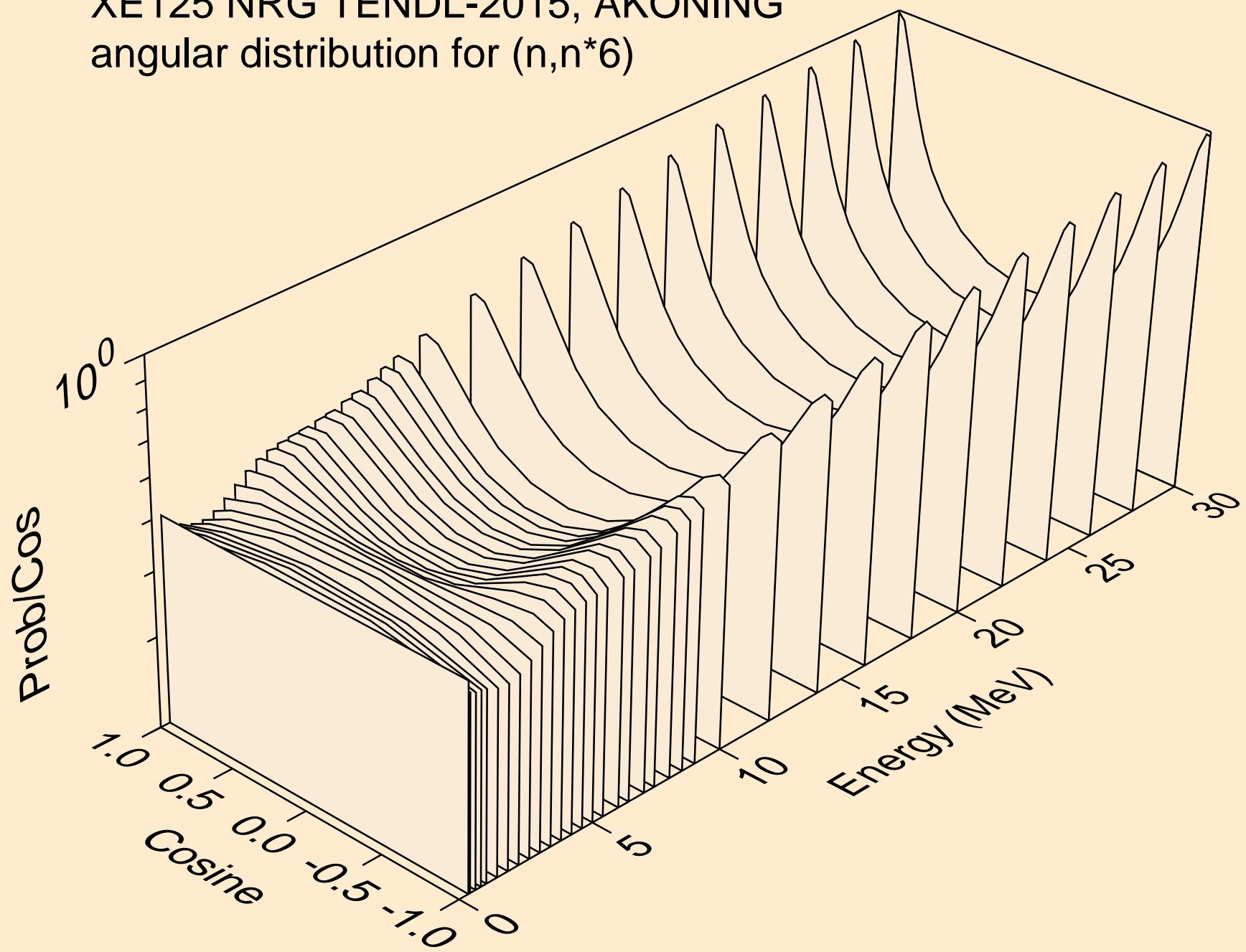
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



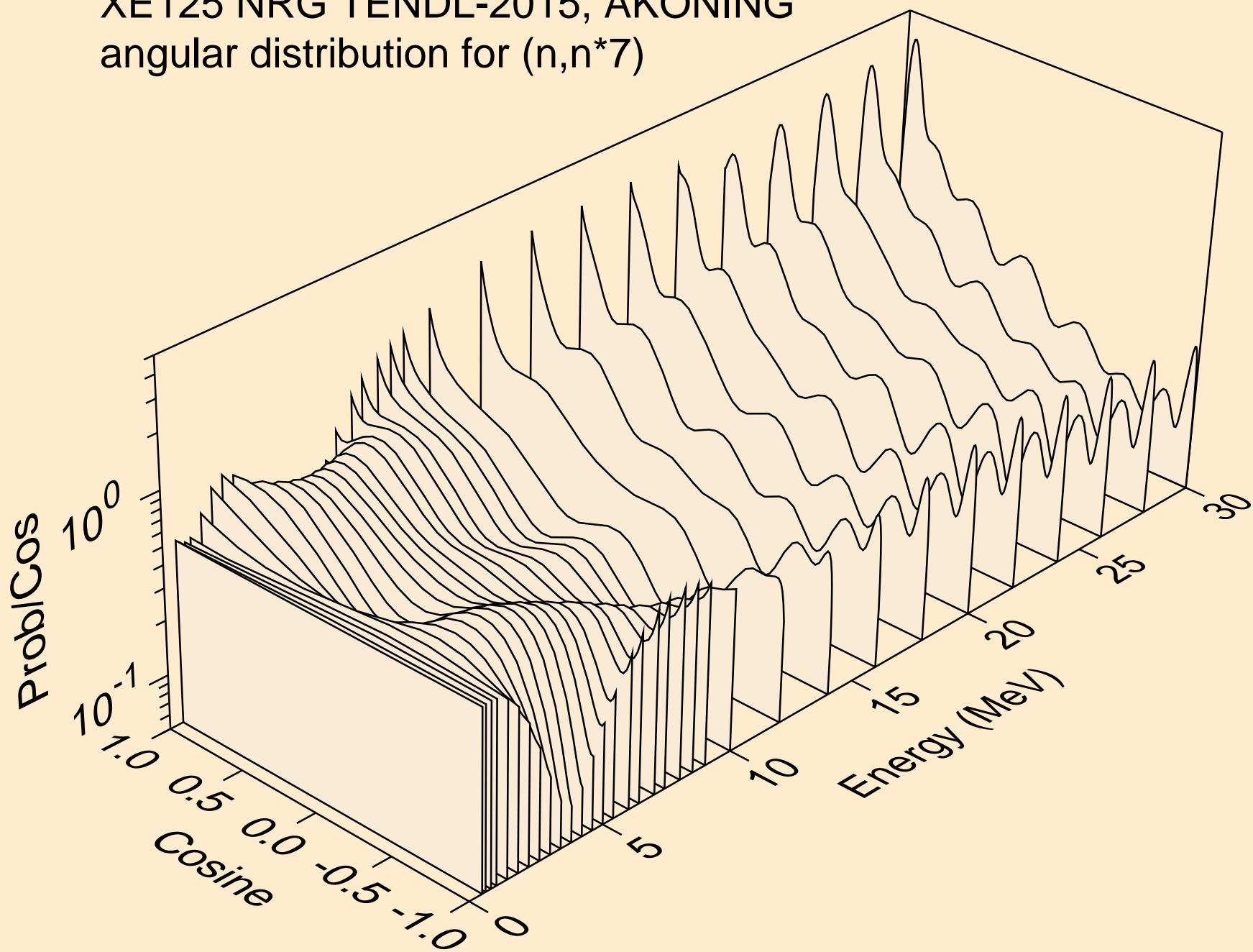
XE125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



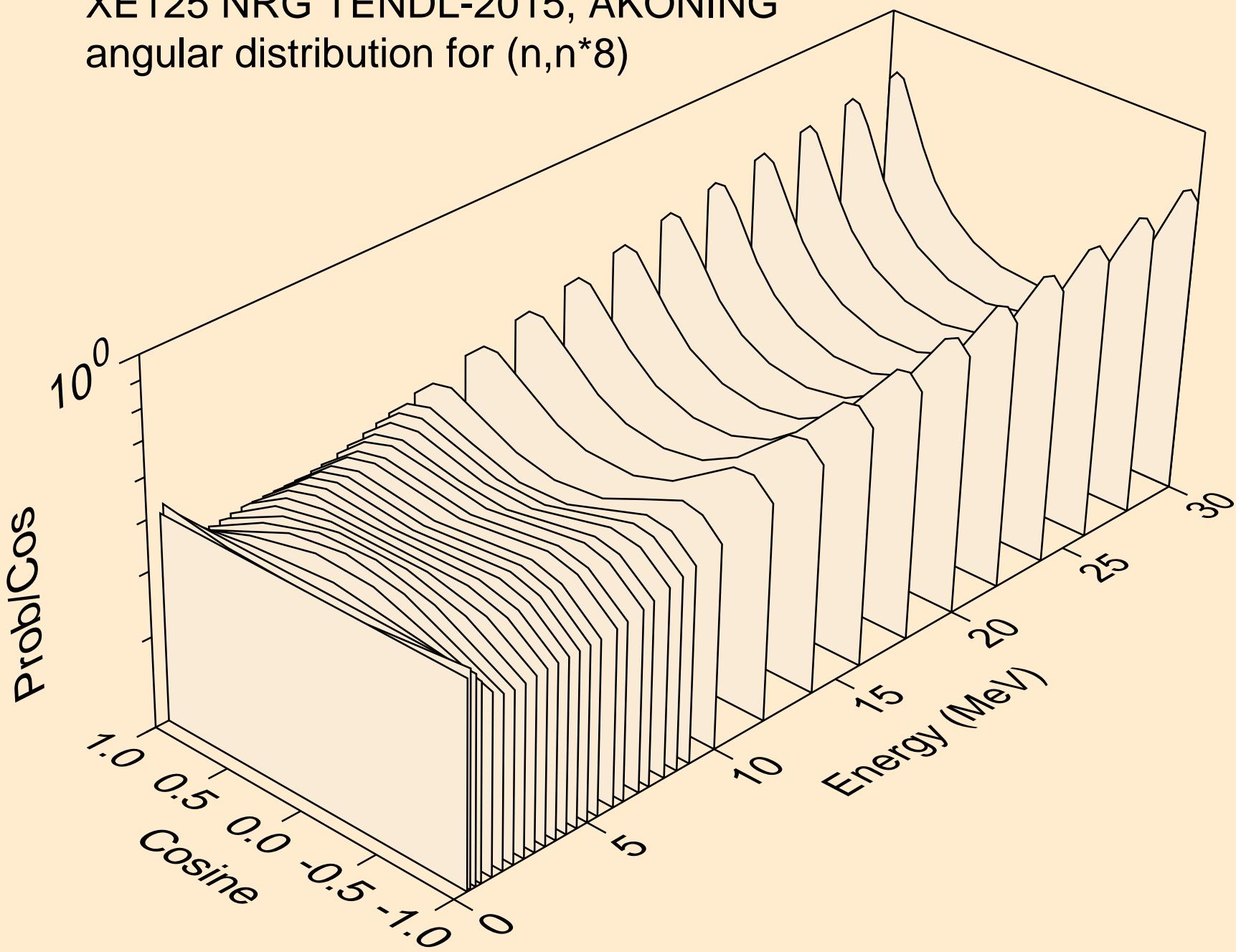
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



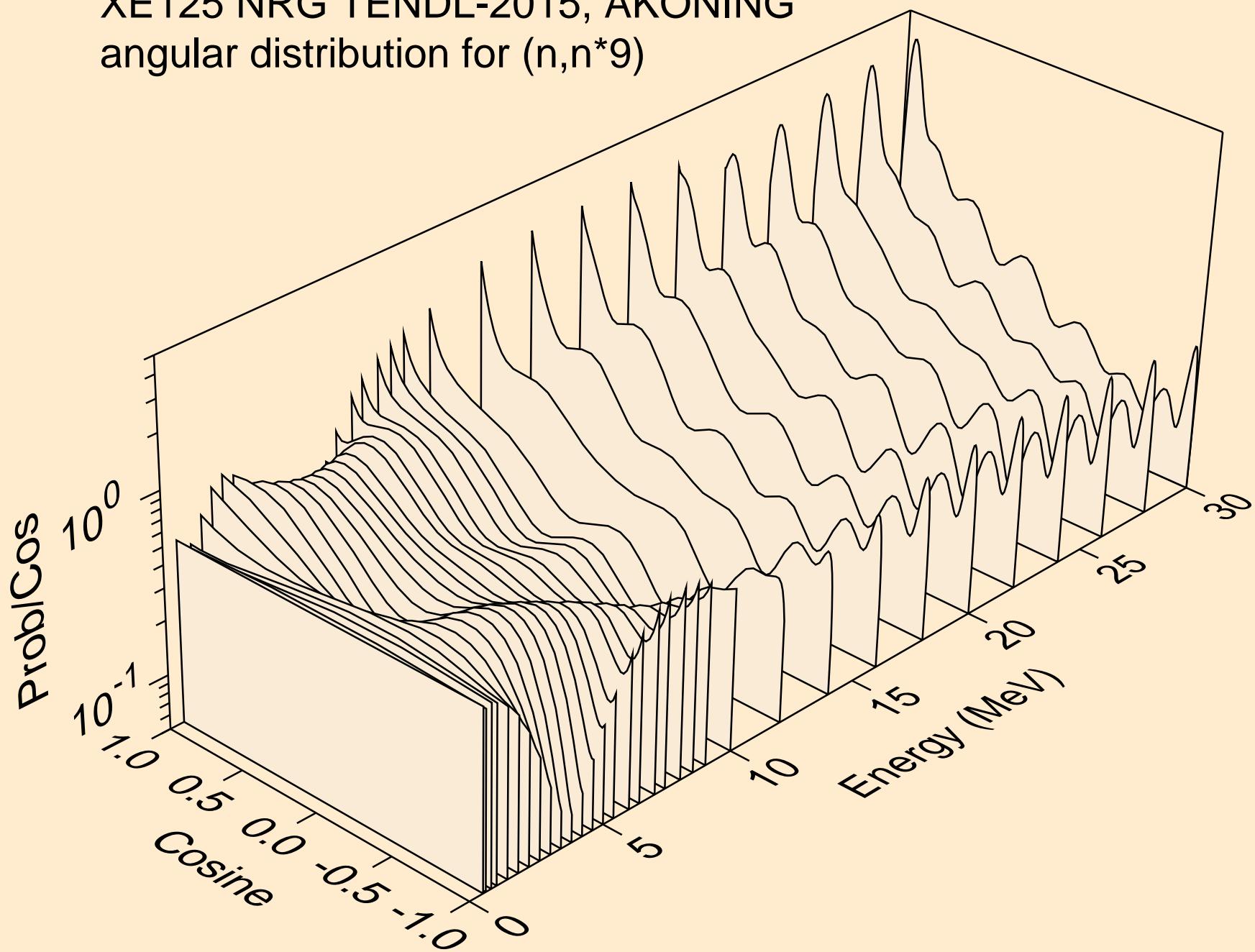
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



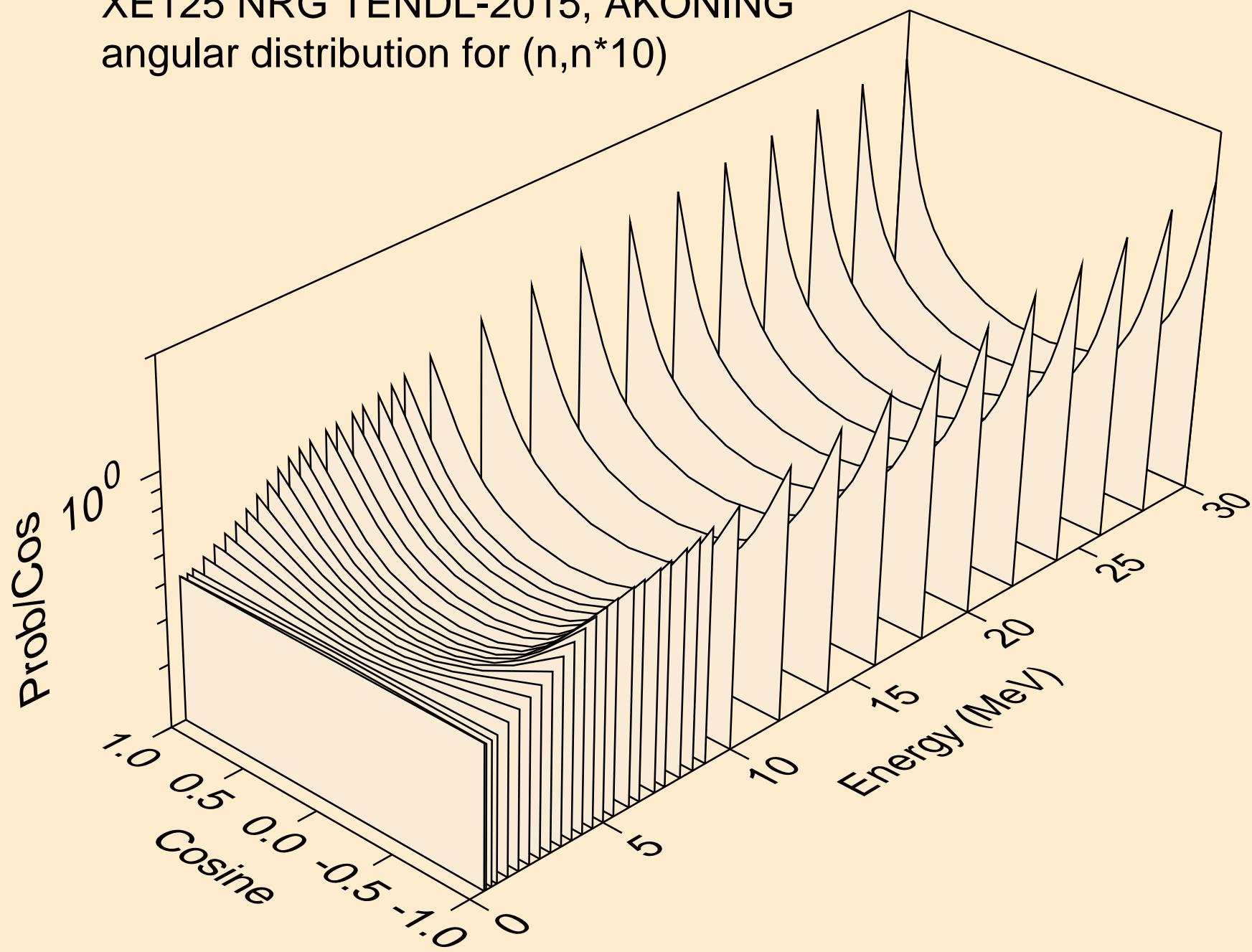
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



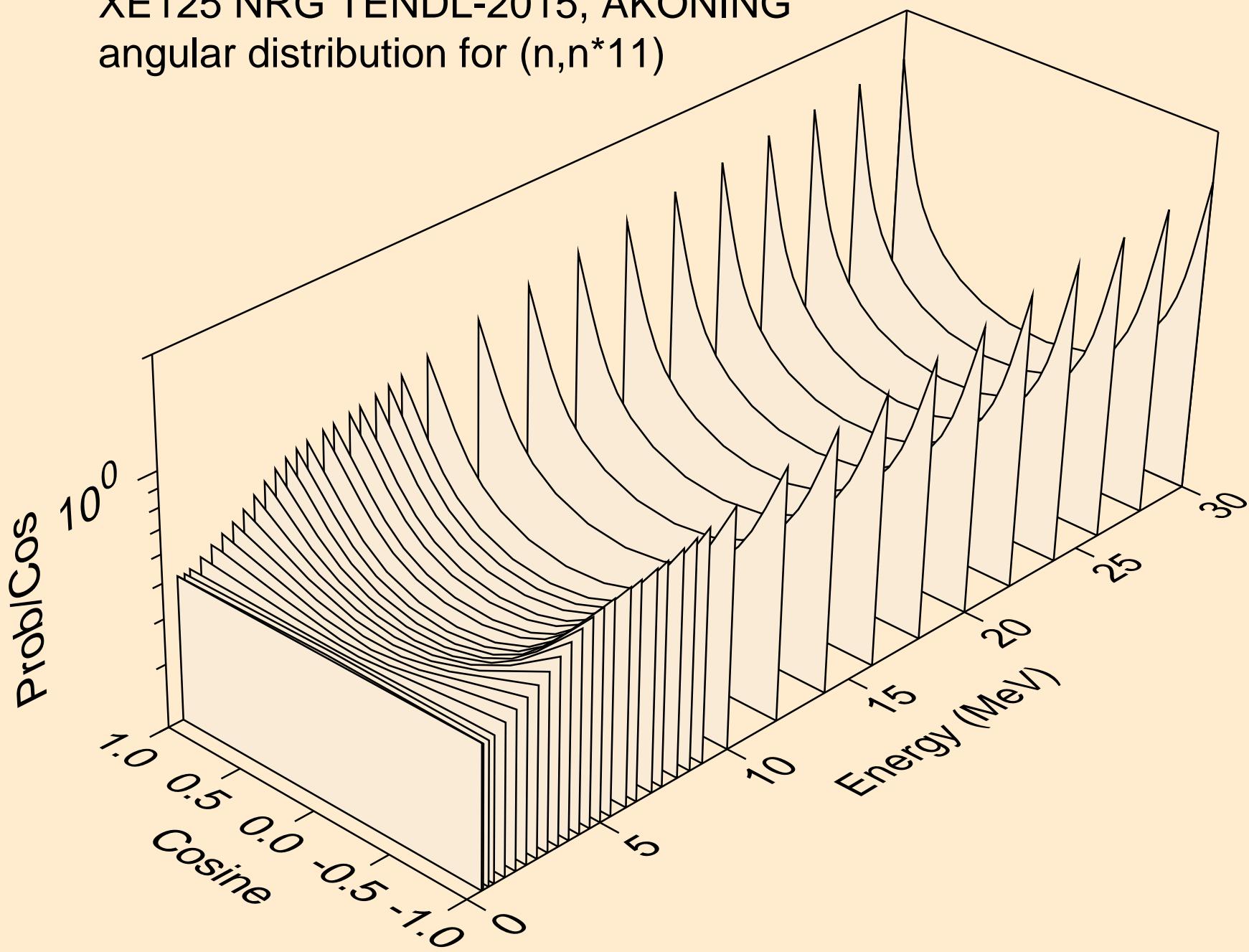
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



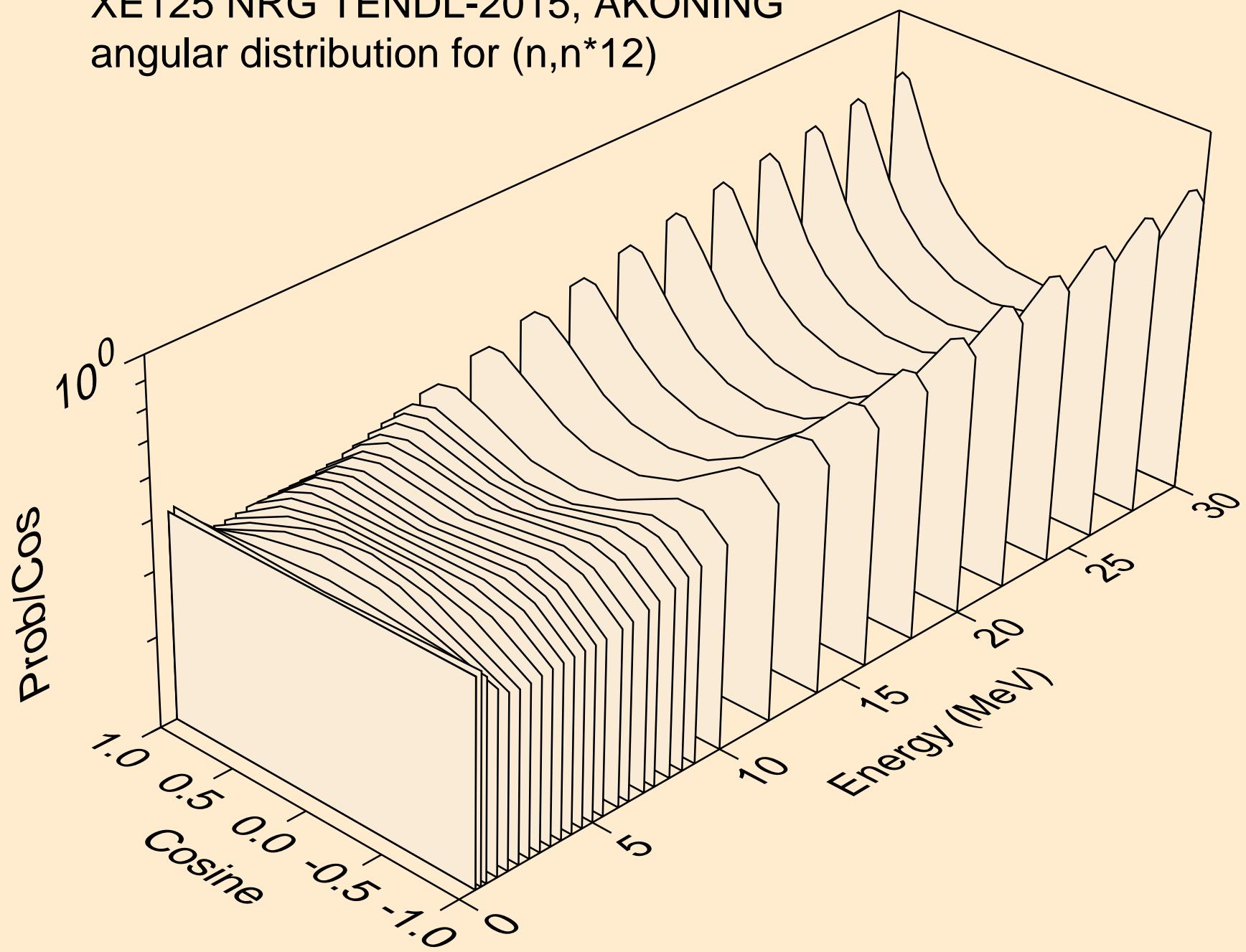
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angular distribution for (n,n\*10)



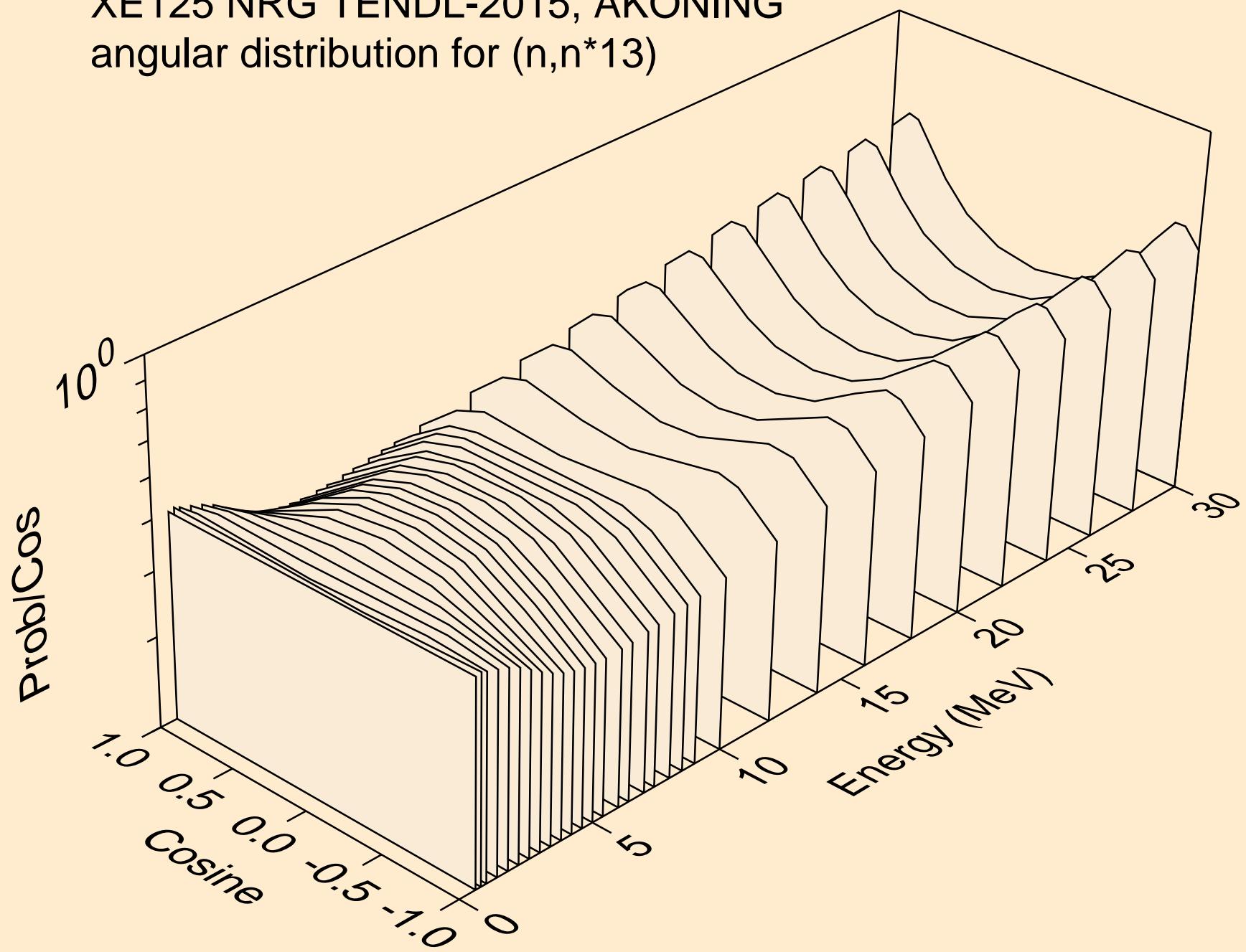
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angular distribution for (n,n\*11)



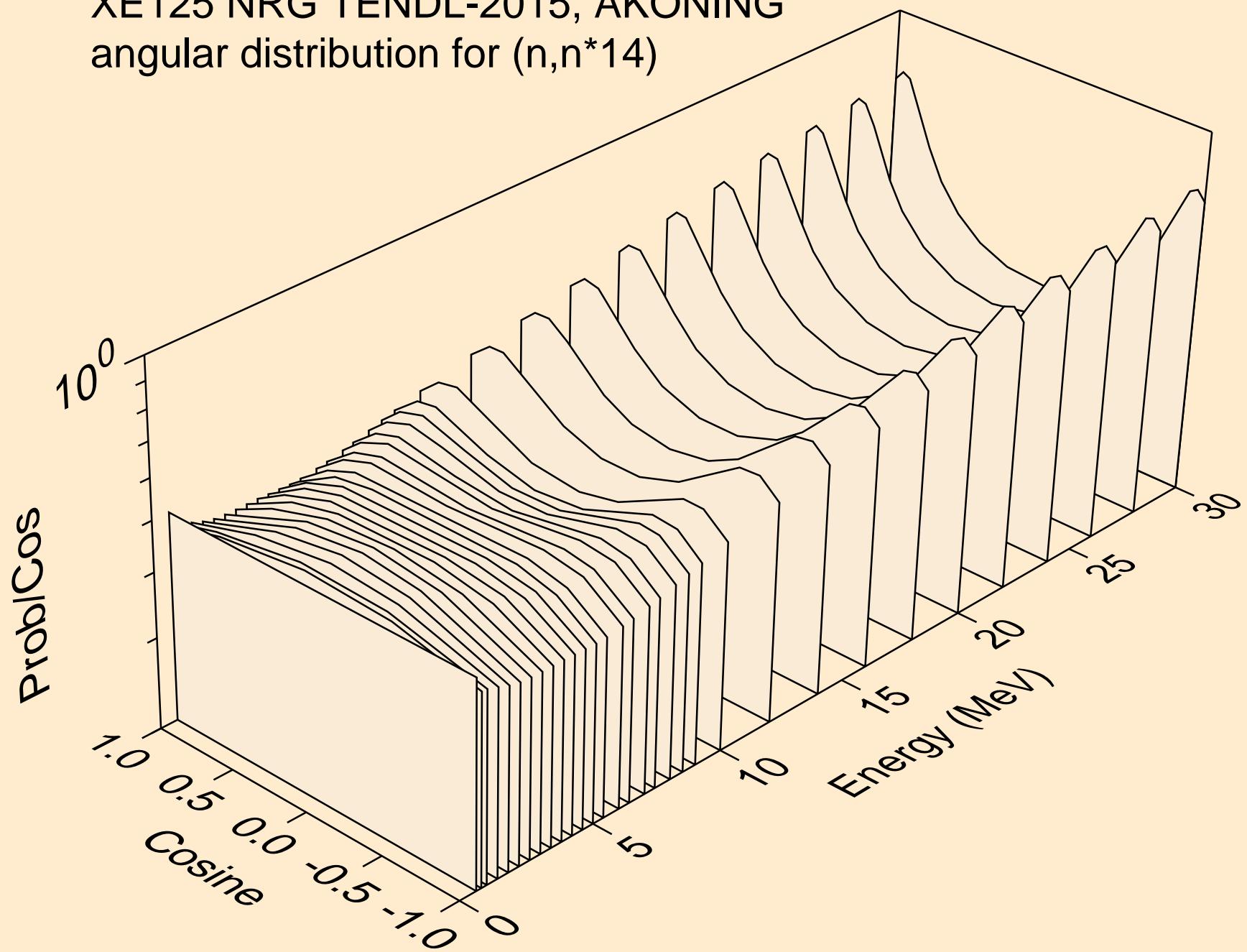
XE125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



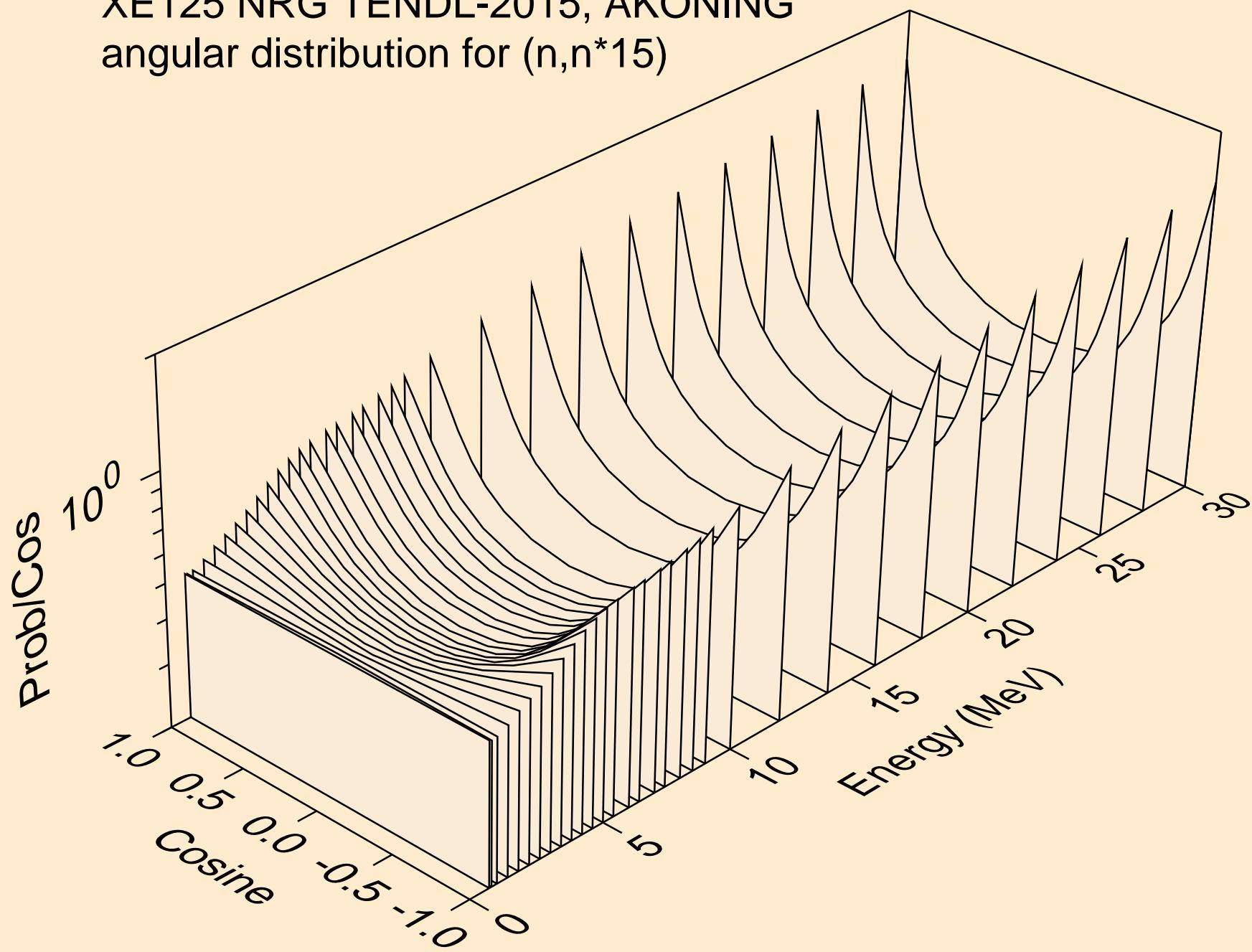
XE125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



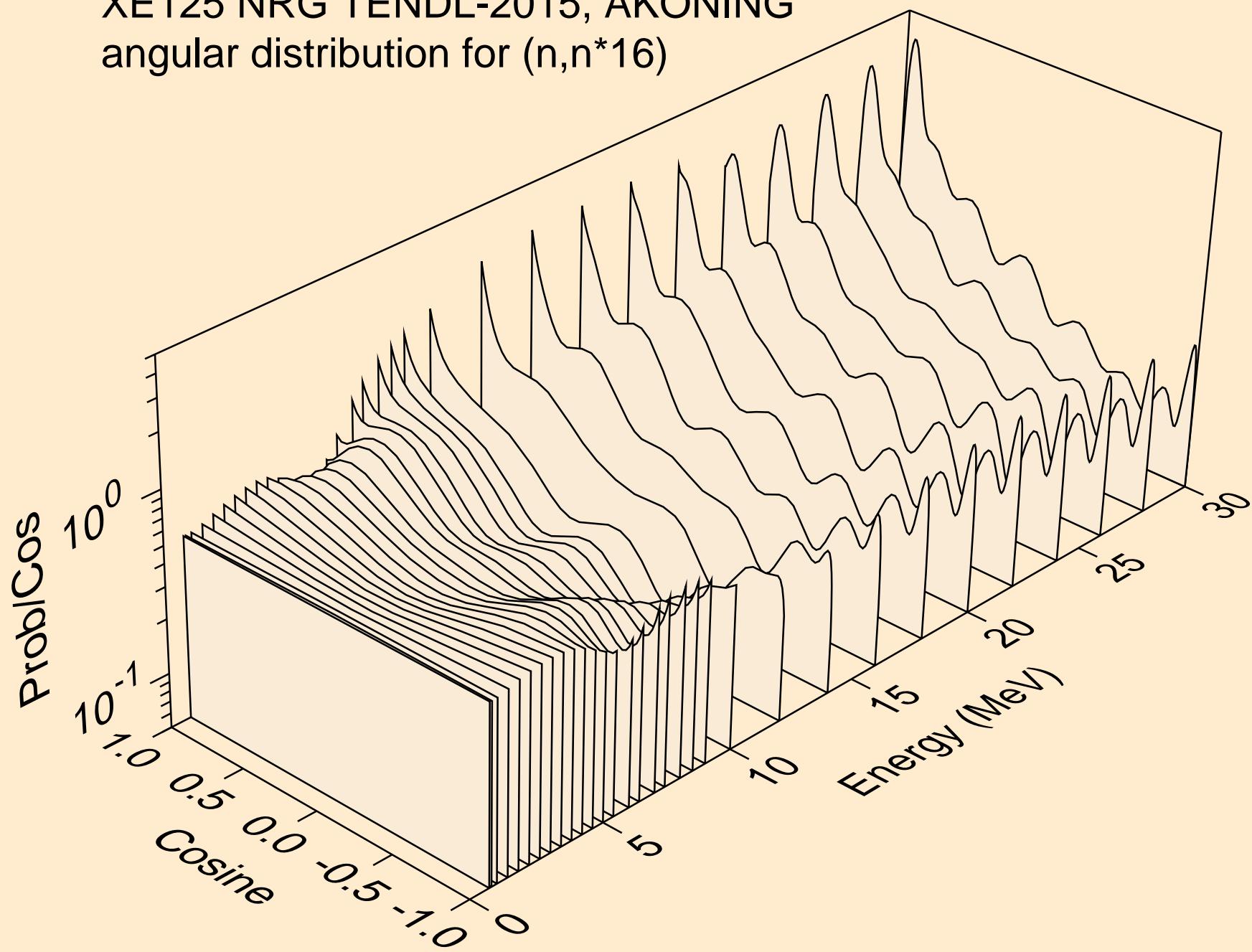
XE125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



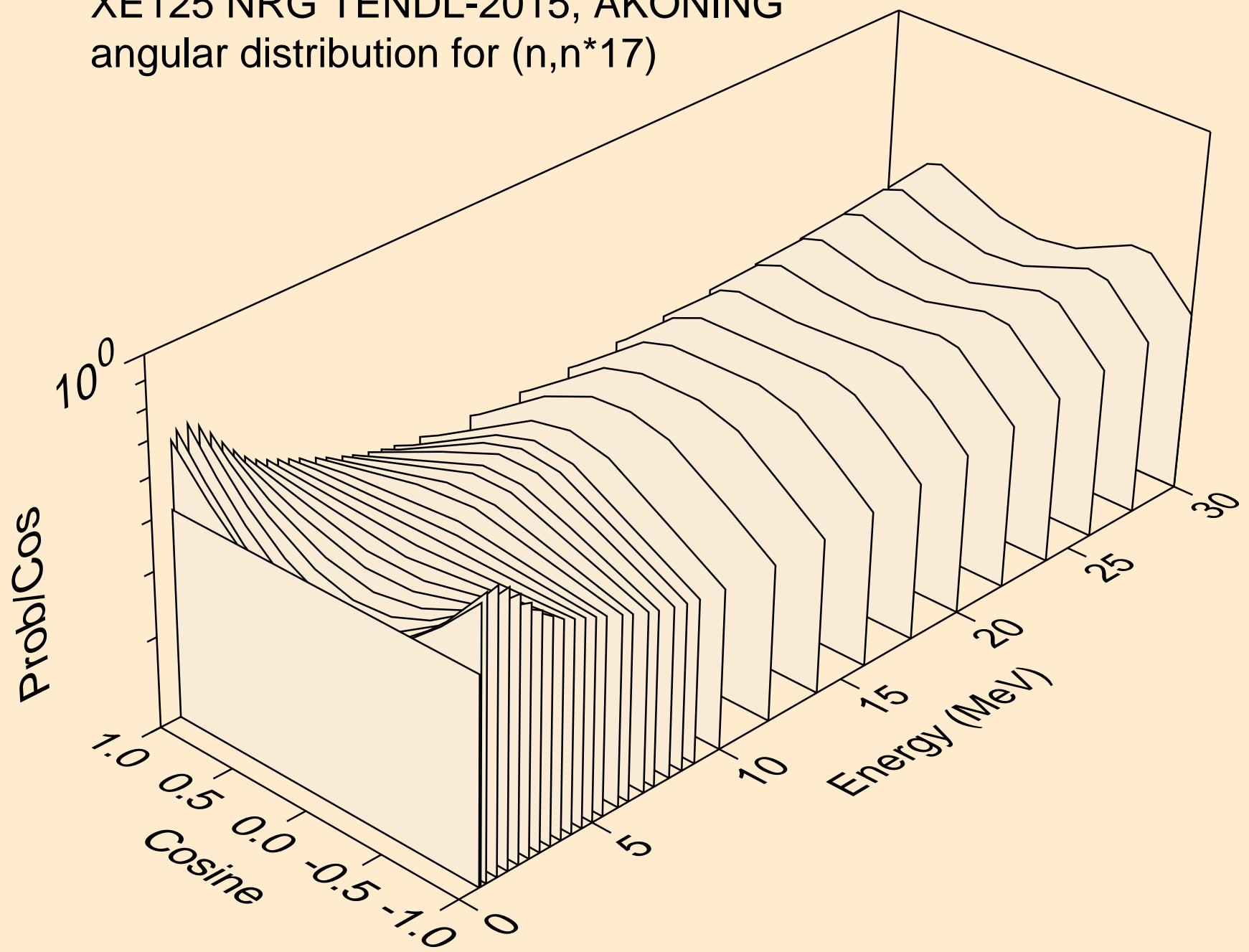
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angular distribution for (n,n\*15)



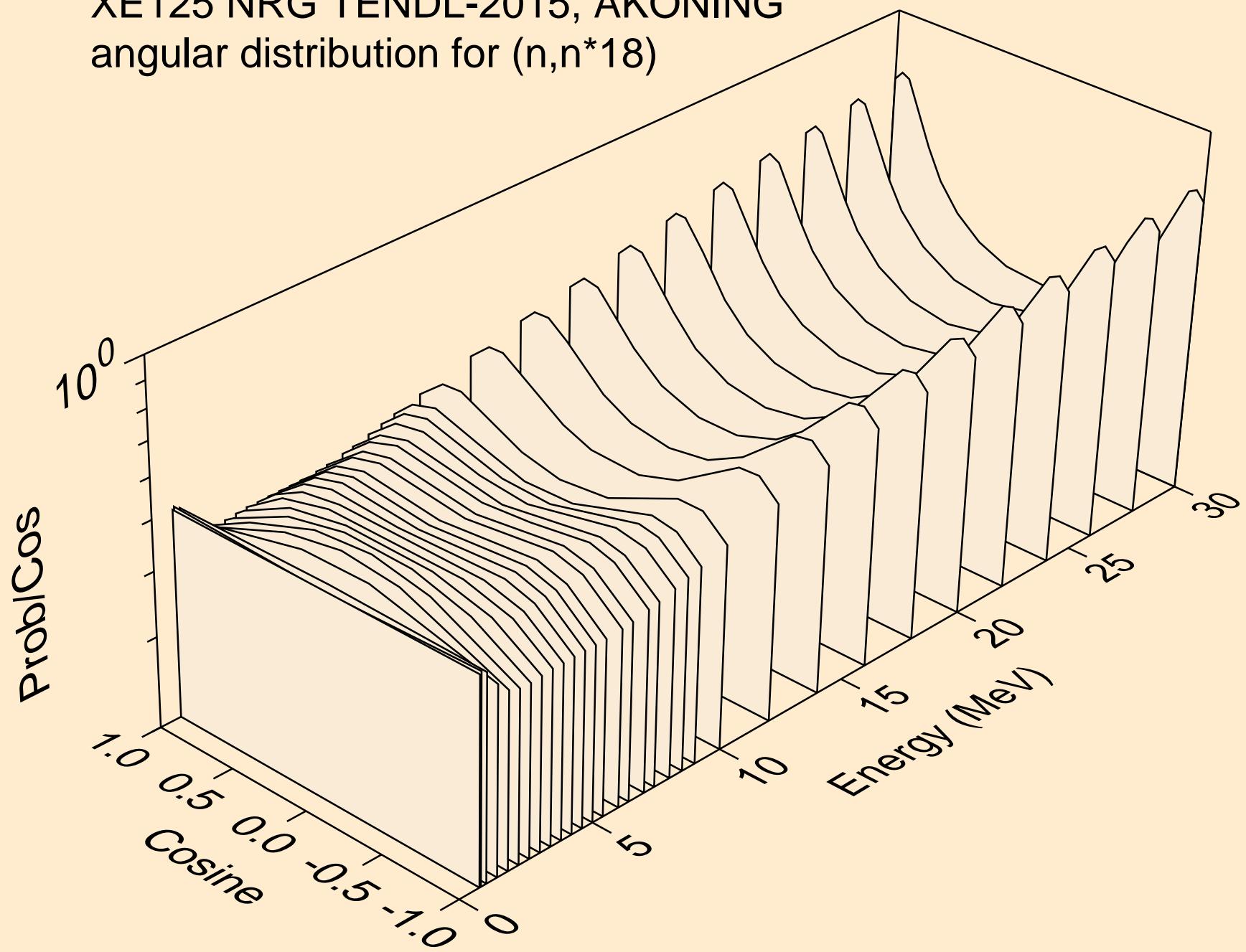
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angular distribution for (n,n\*16)



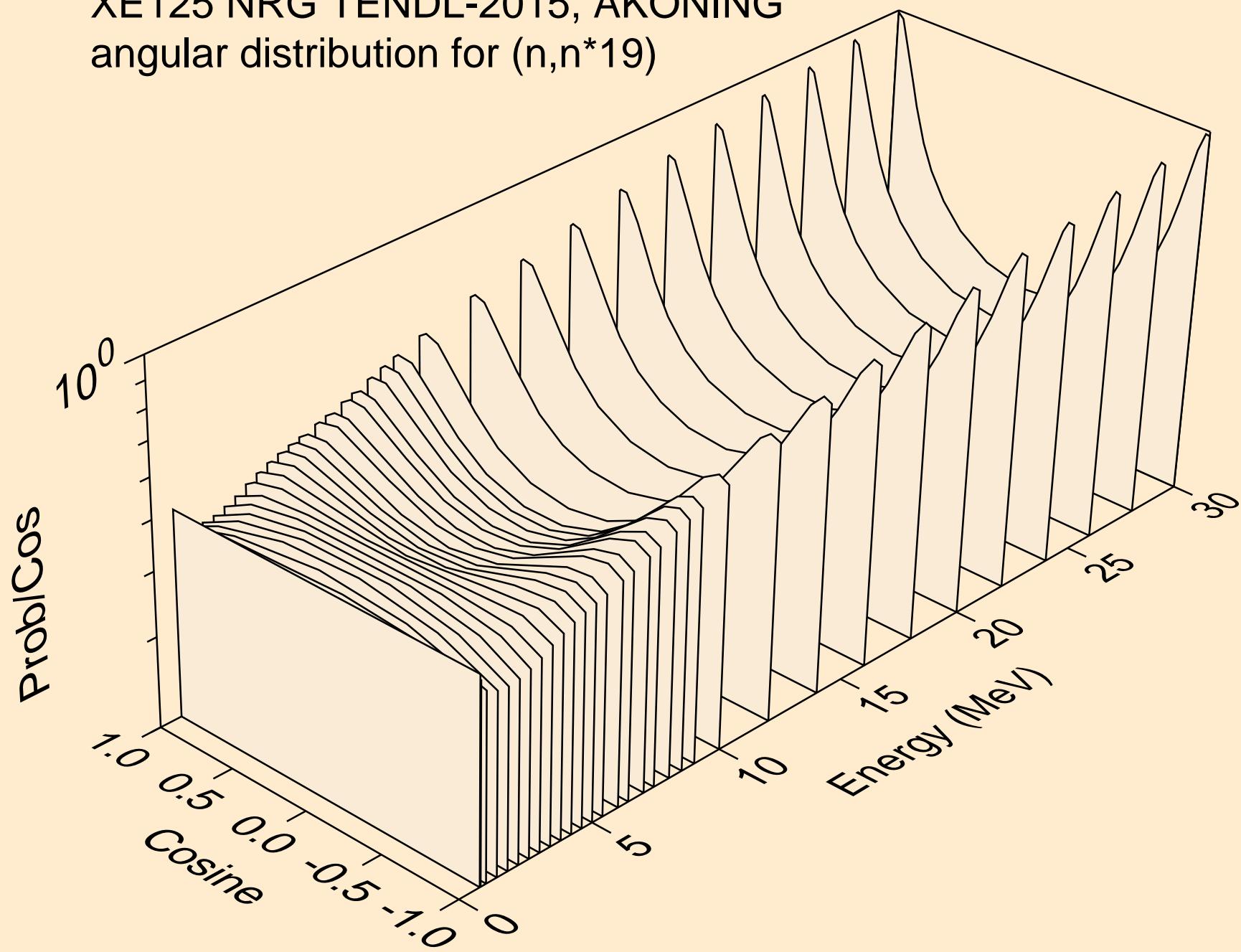
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angular distribution for (n,n\*17)



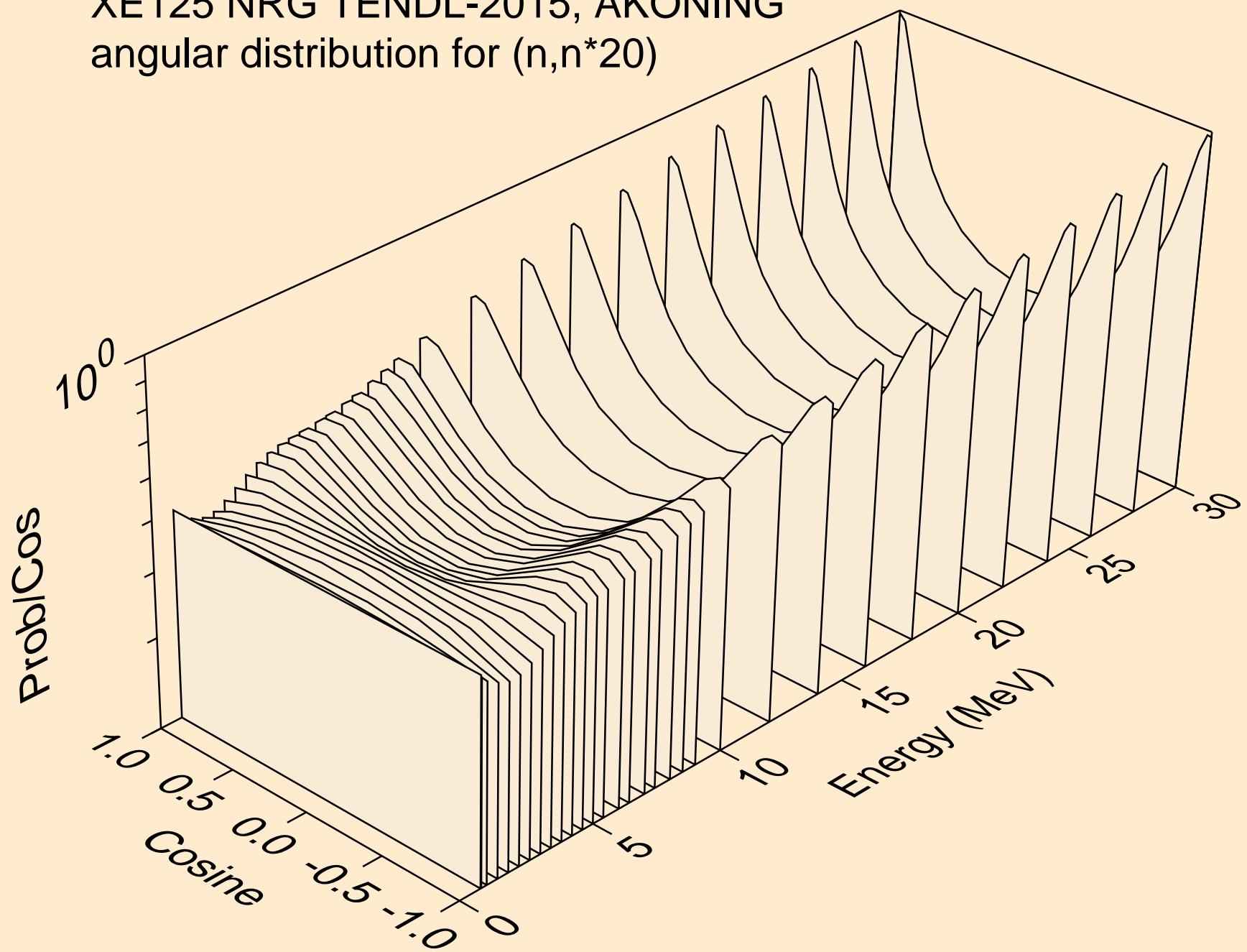
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angular distribution for (n,n\*18)



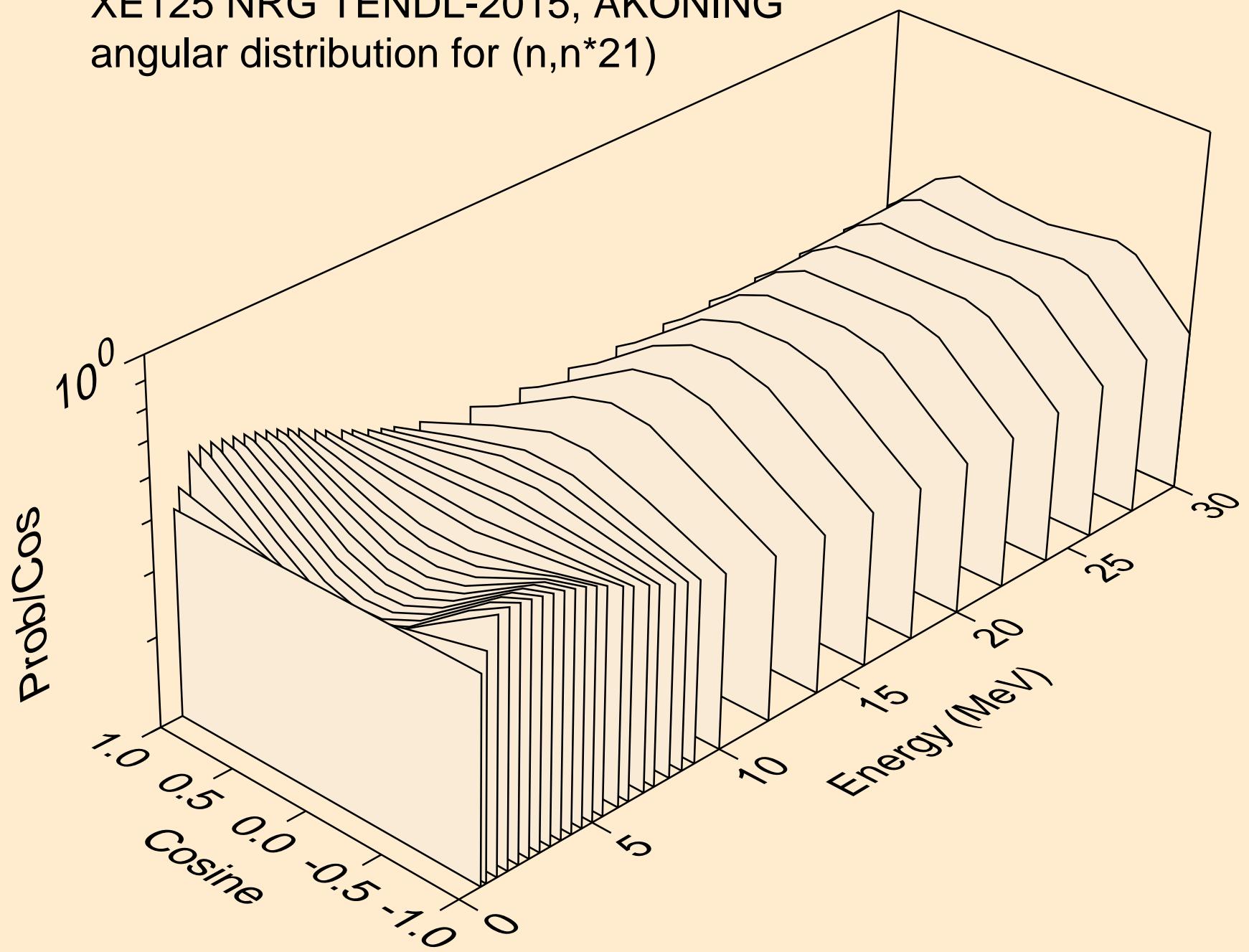
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angular distribution for (n,n\*19)



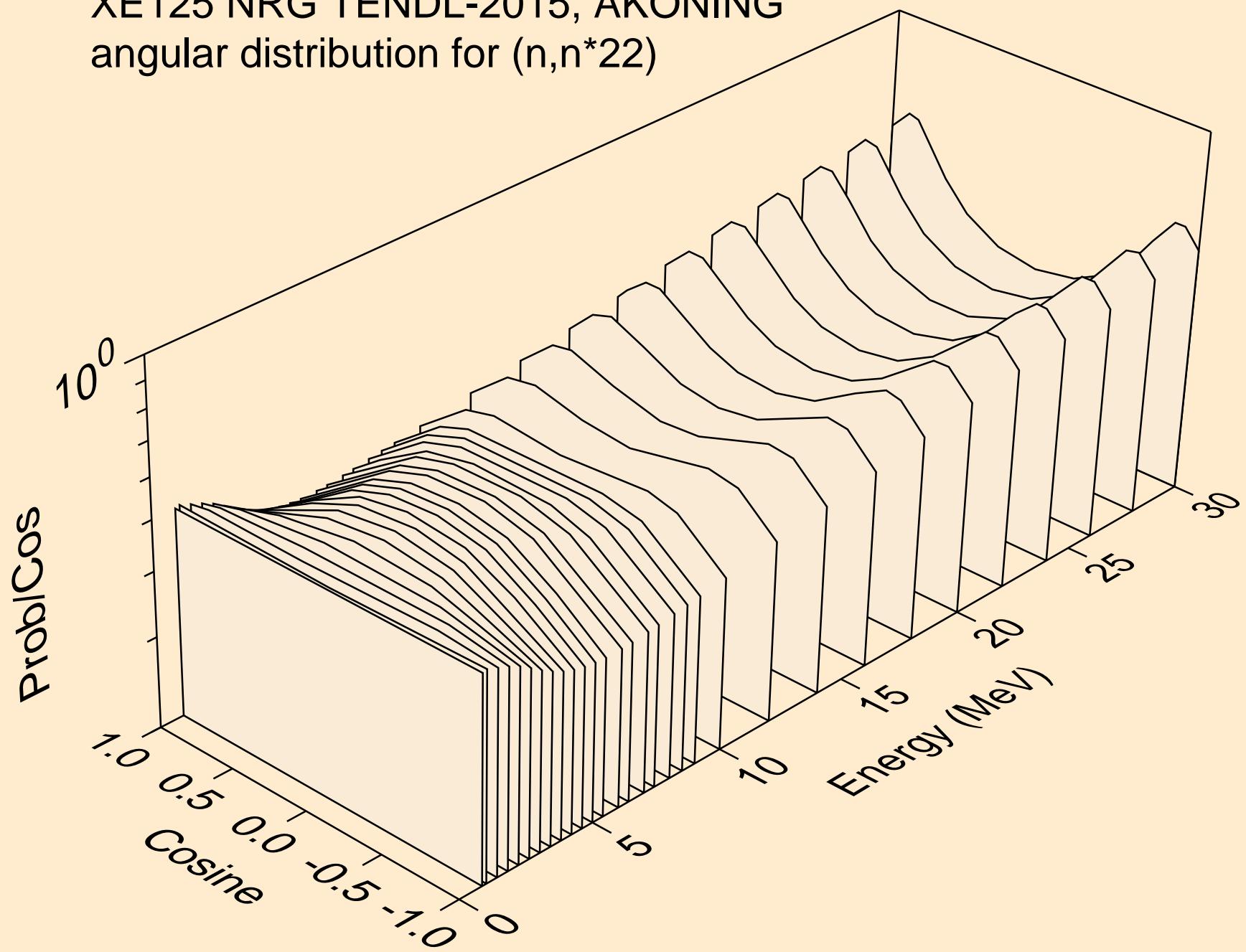
XE125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{20}$



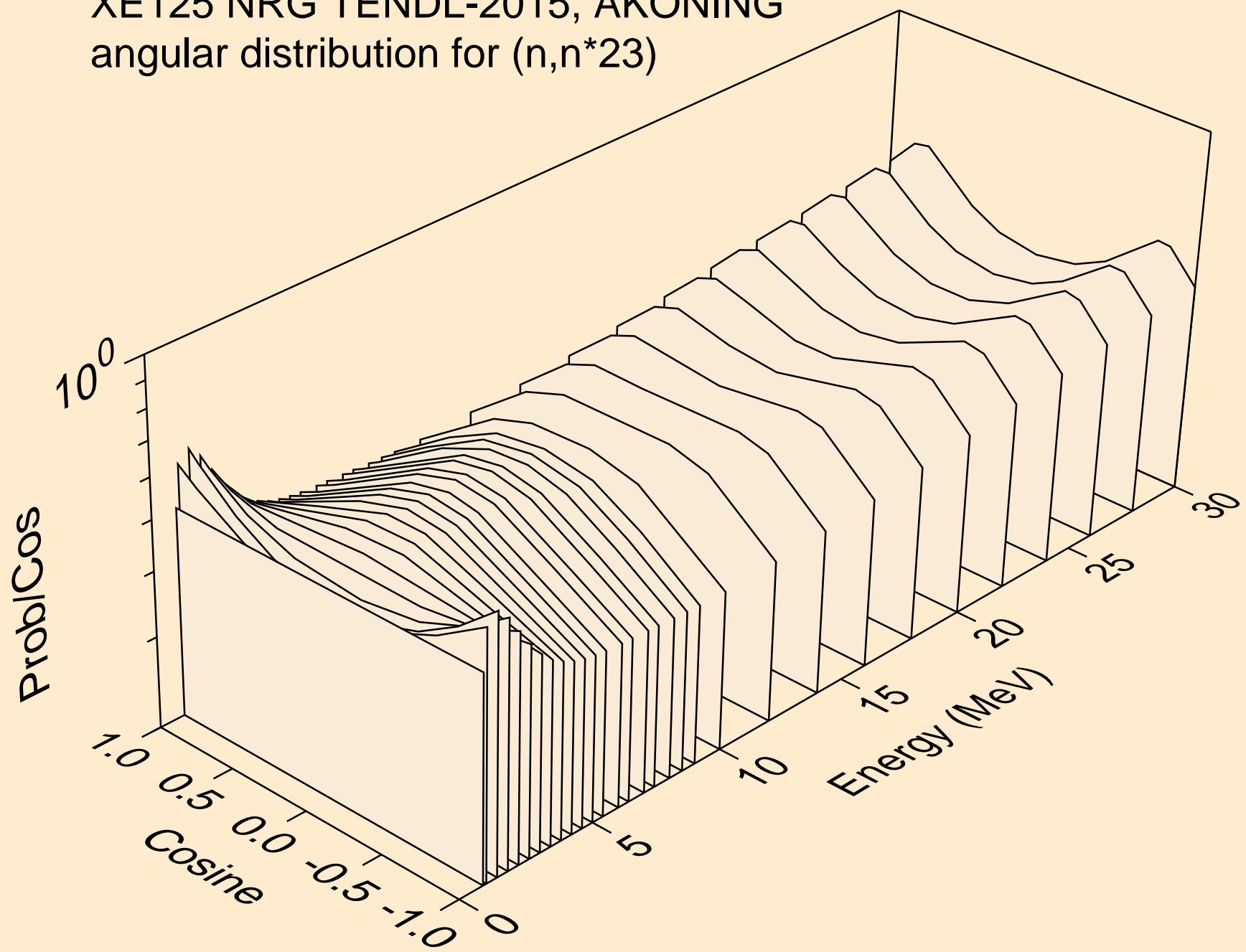
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angular distribution for ( $n,n^*21$ )



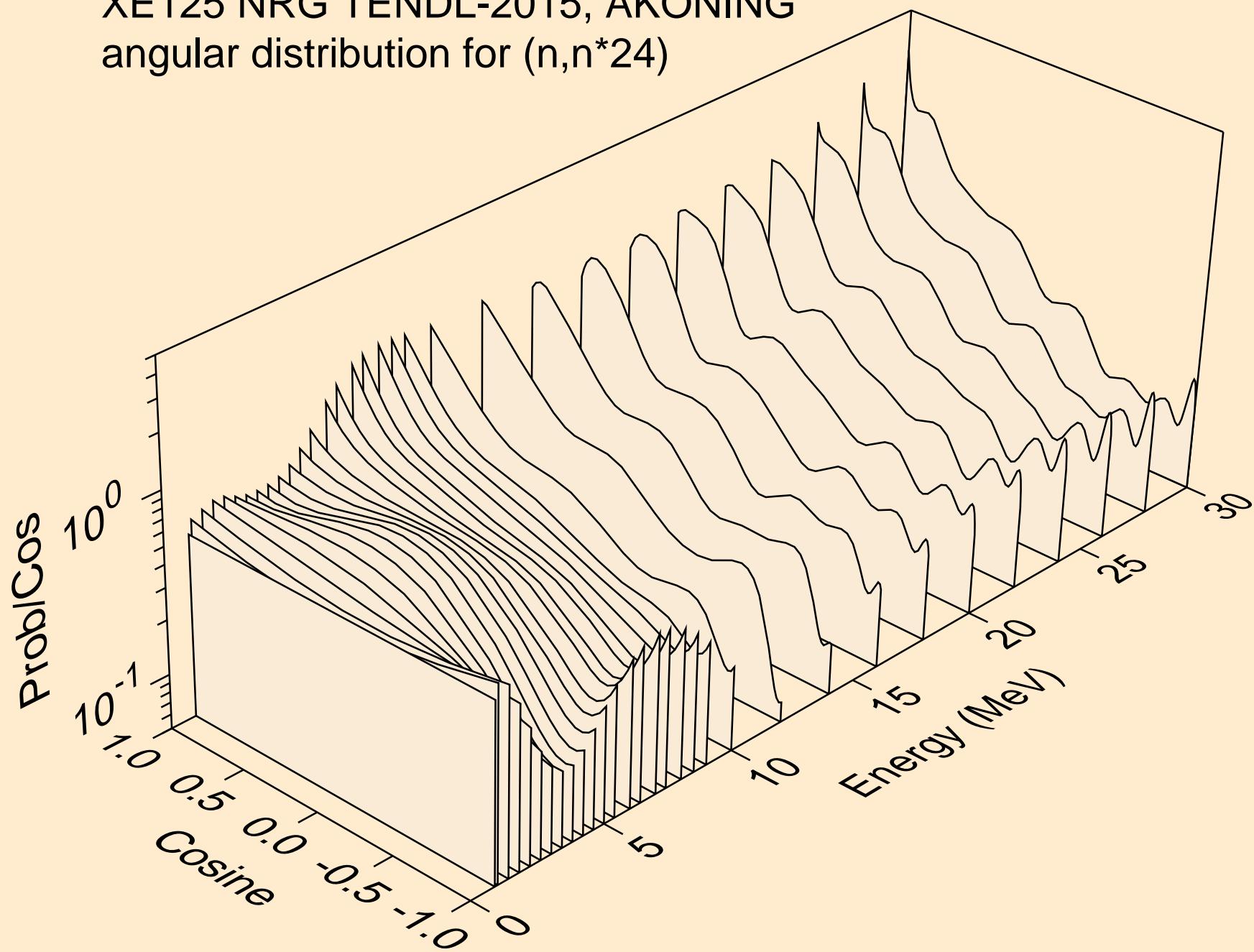
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angular distribution for ( $n,n^*$ )<sup>22</sup>



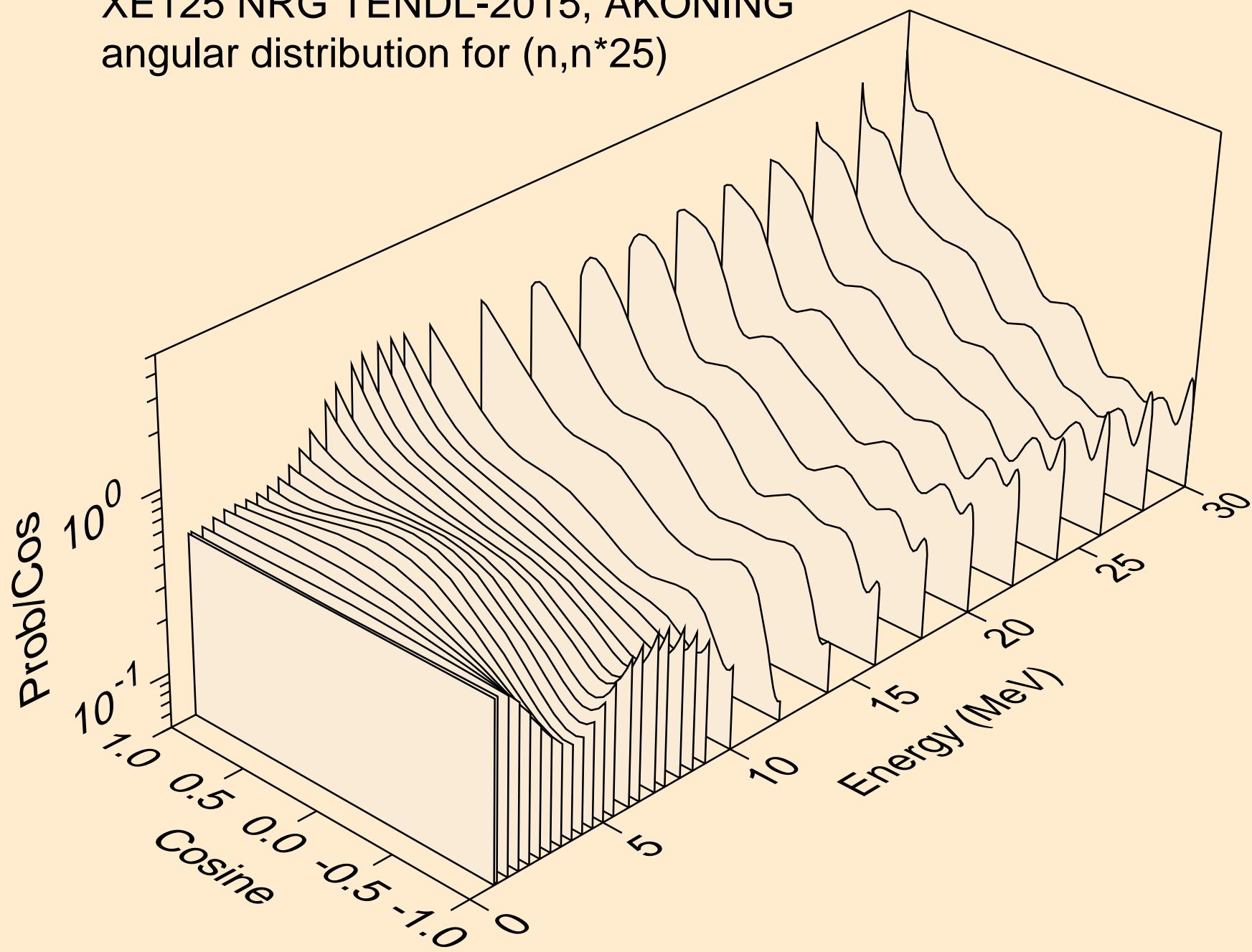
XE125 NRG TENDL-2015, AKONING  
angular distribution for ( $n, n^* 23$ )



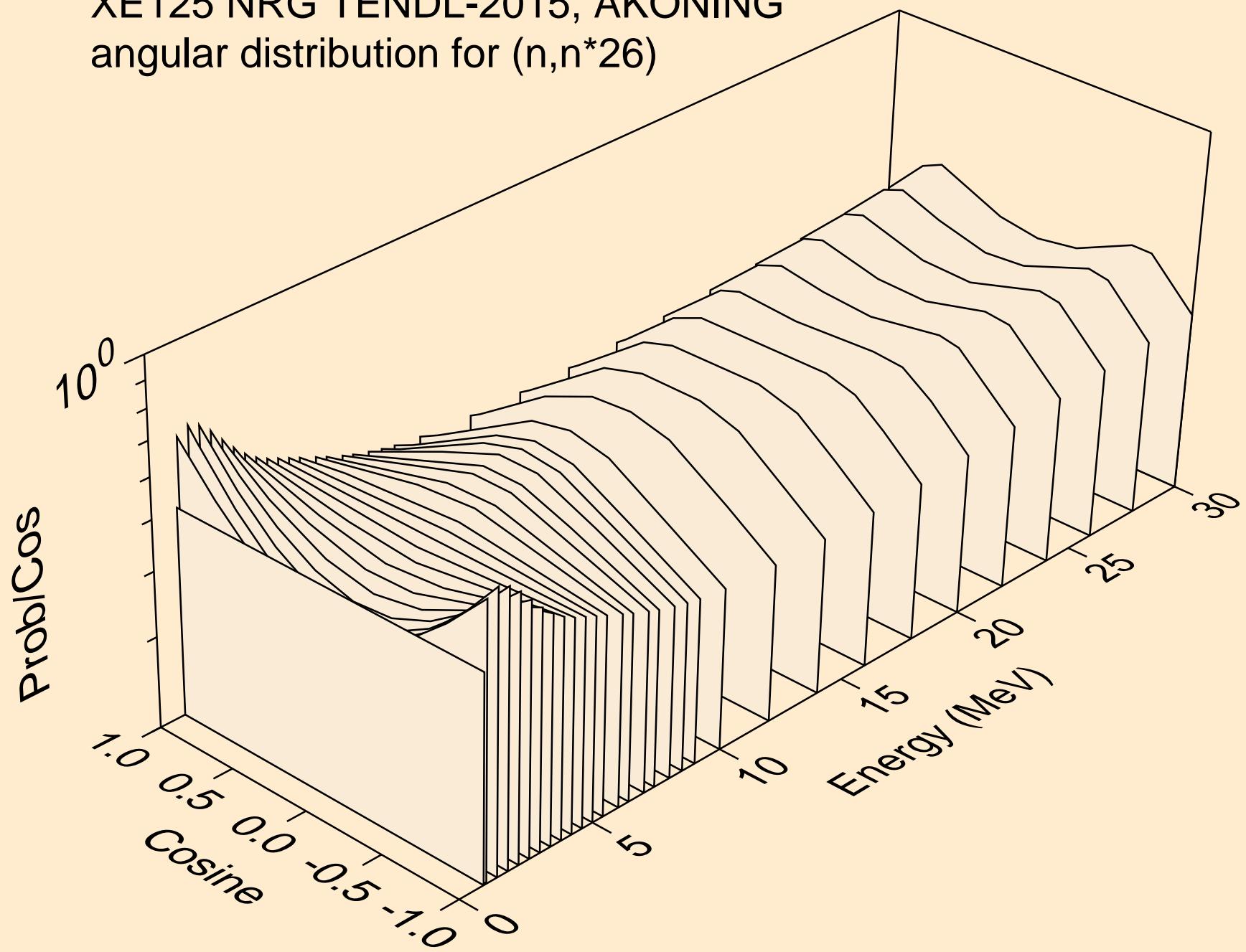
XE125 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )24



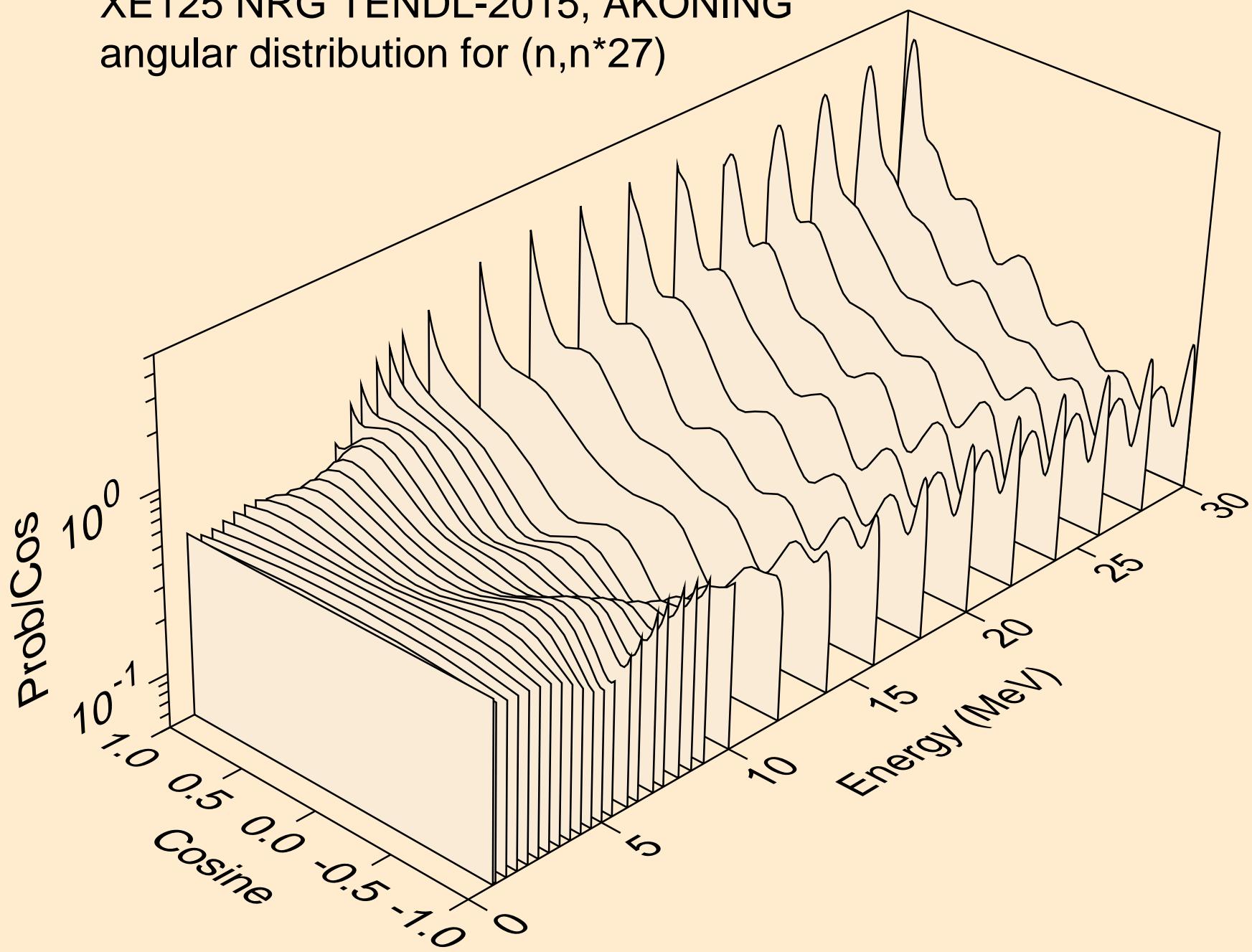
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angular distribution for  $(n,n^*)_{25}$



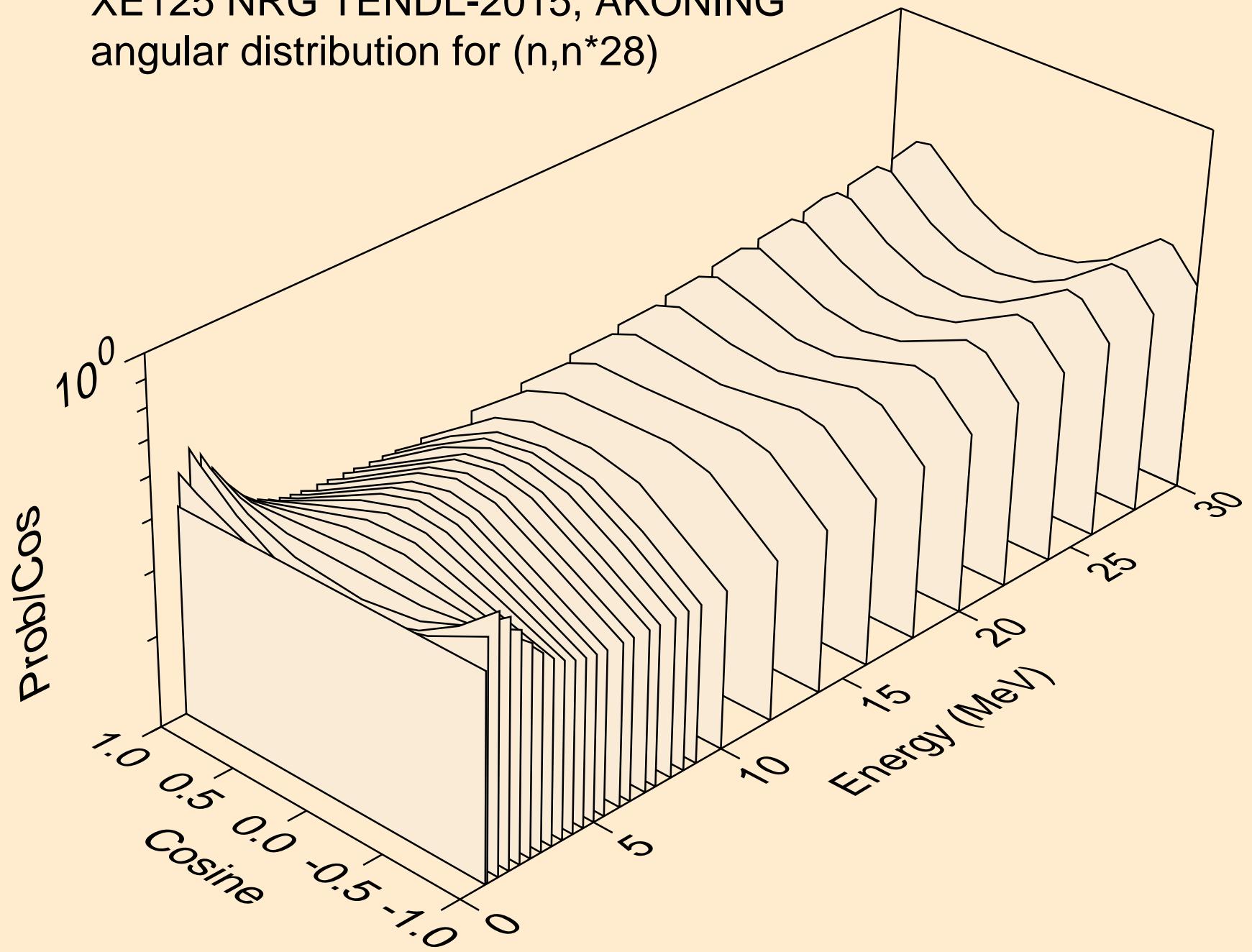
XE125 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )26



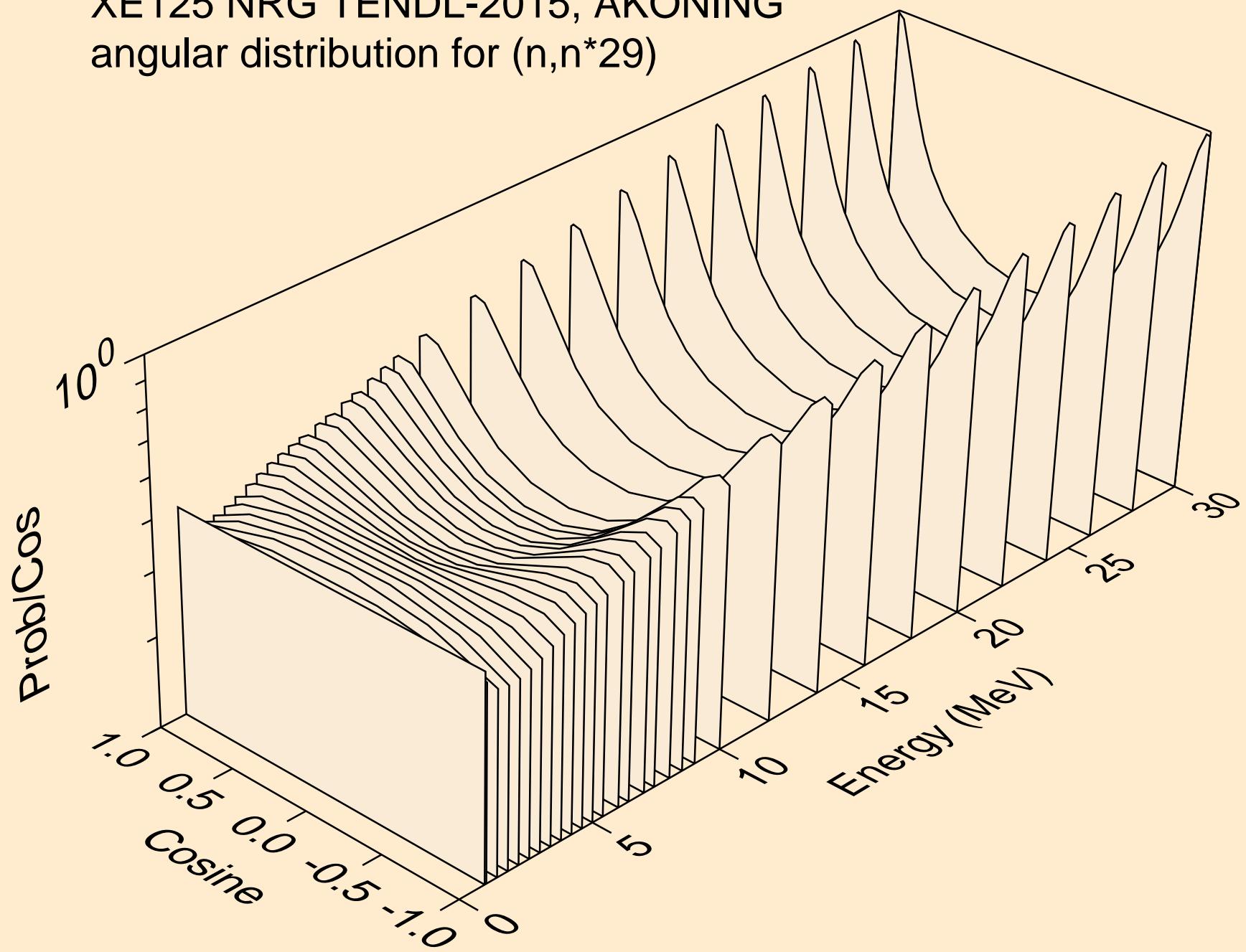
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angular distribution for (n,n\*27)



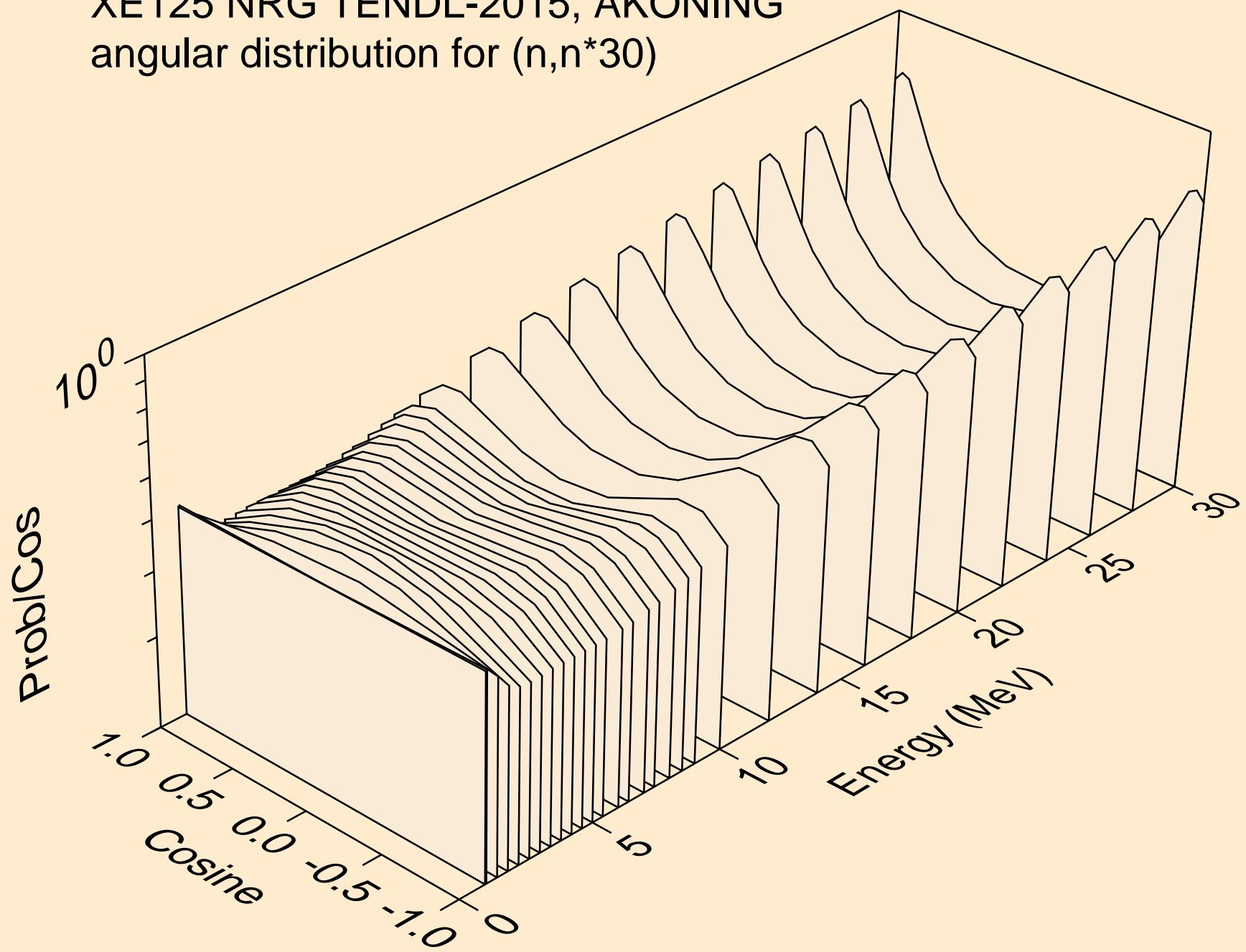
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angular distribution for (n,n\*28)



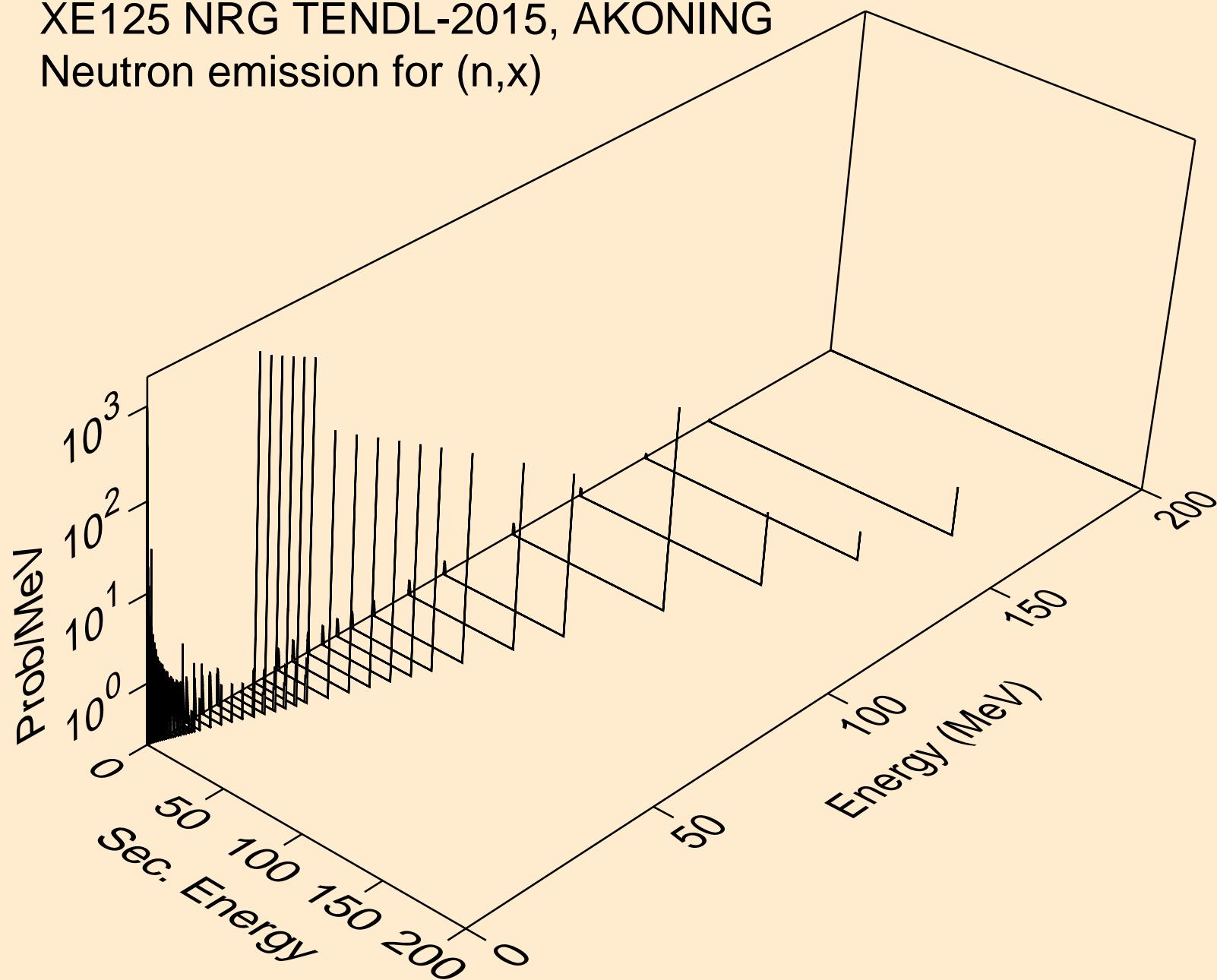
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angular distribution for  $(n,n^*29)$



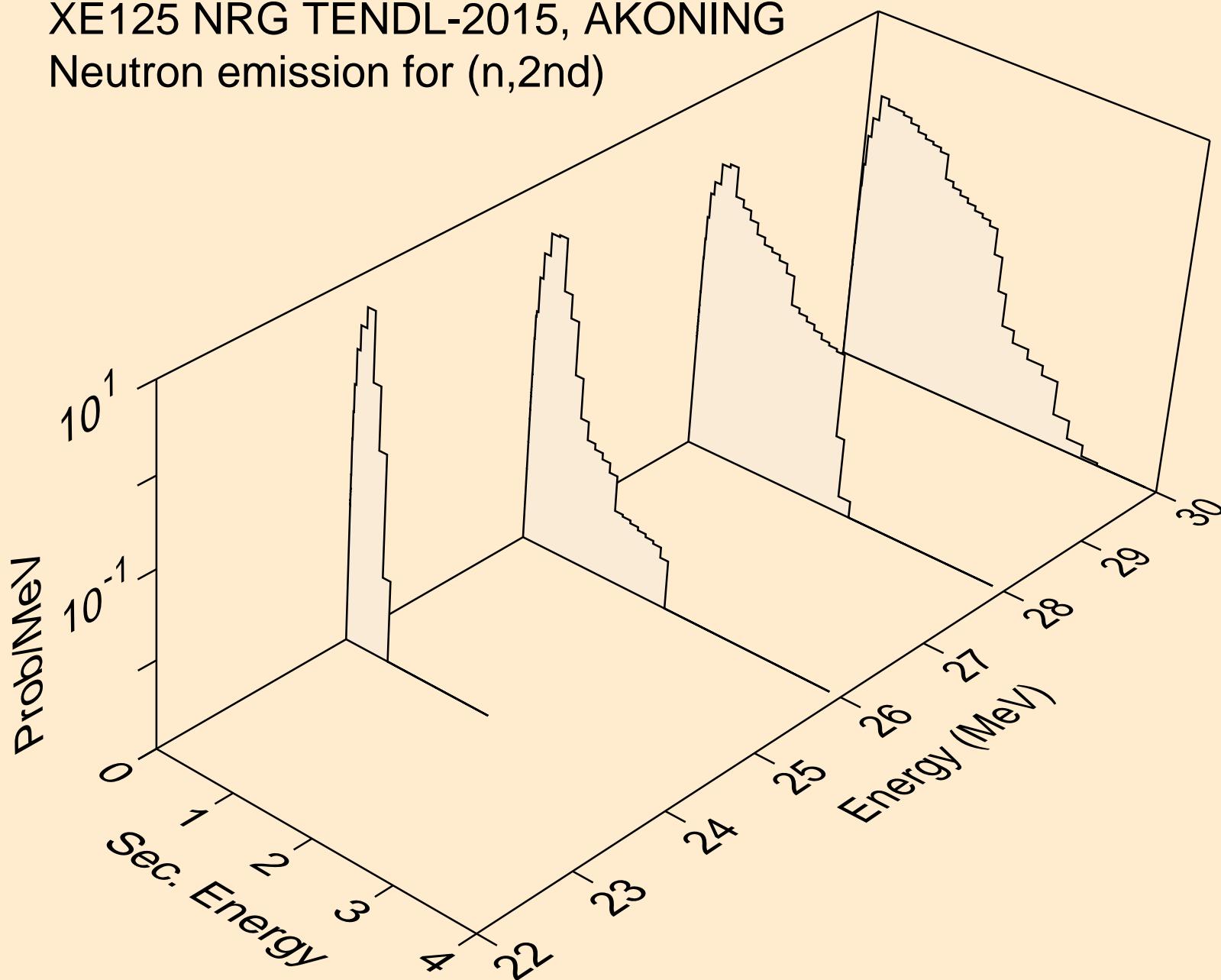
XE125 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )30



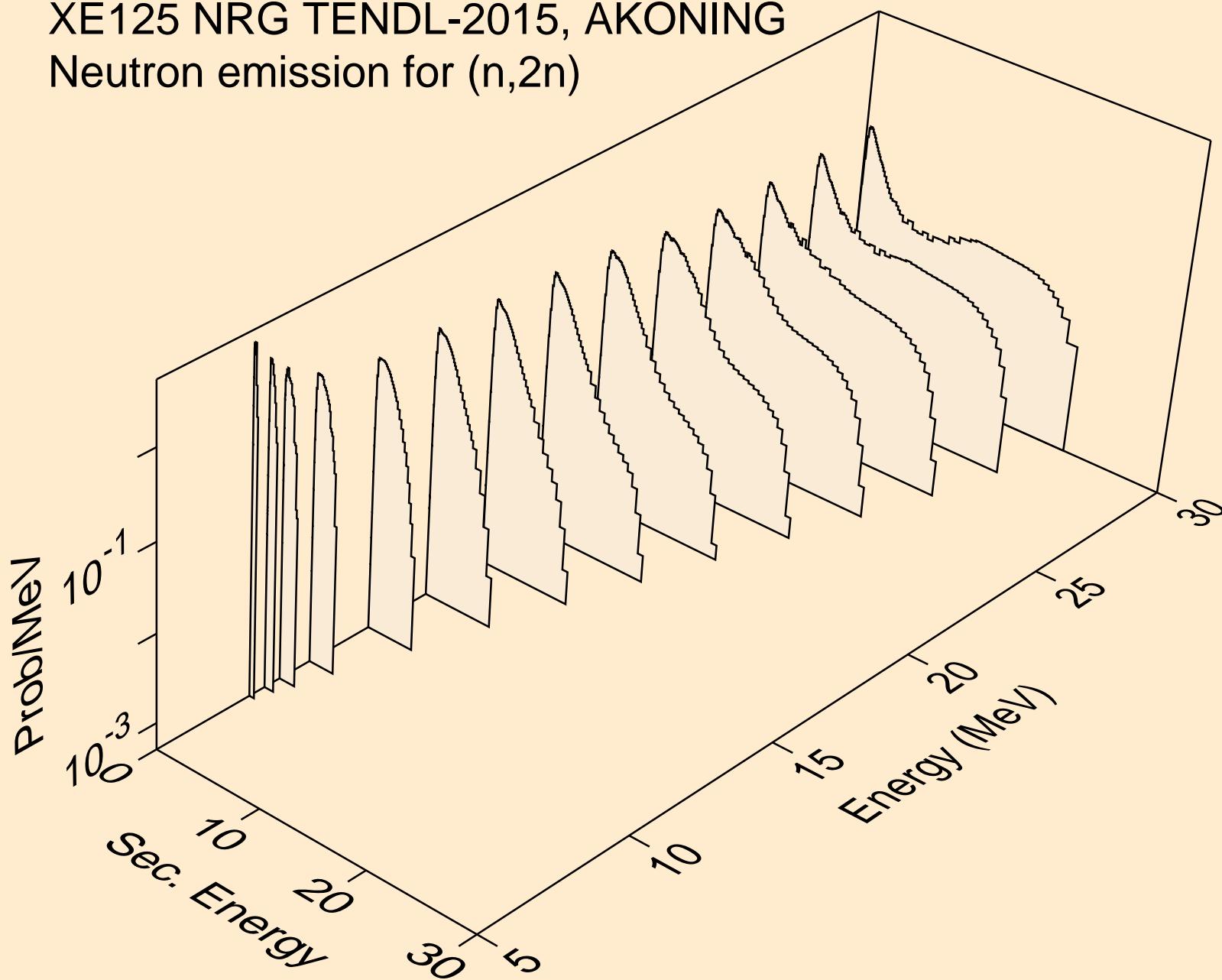
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



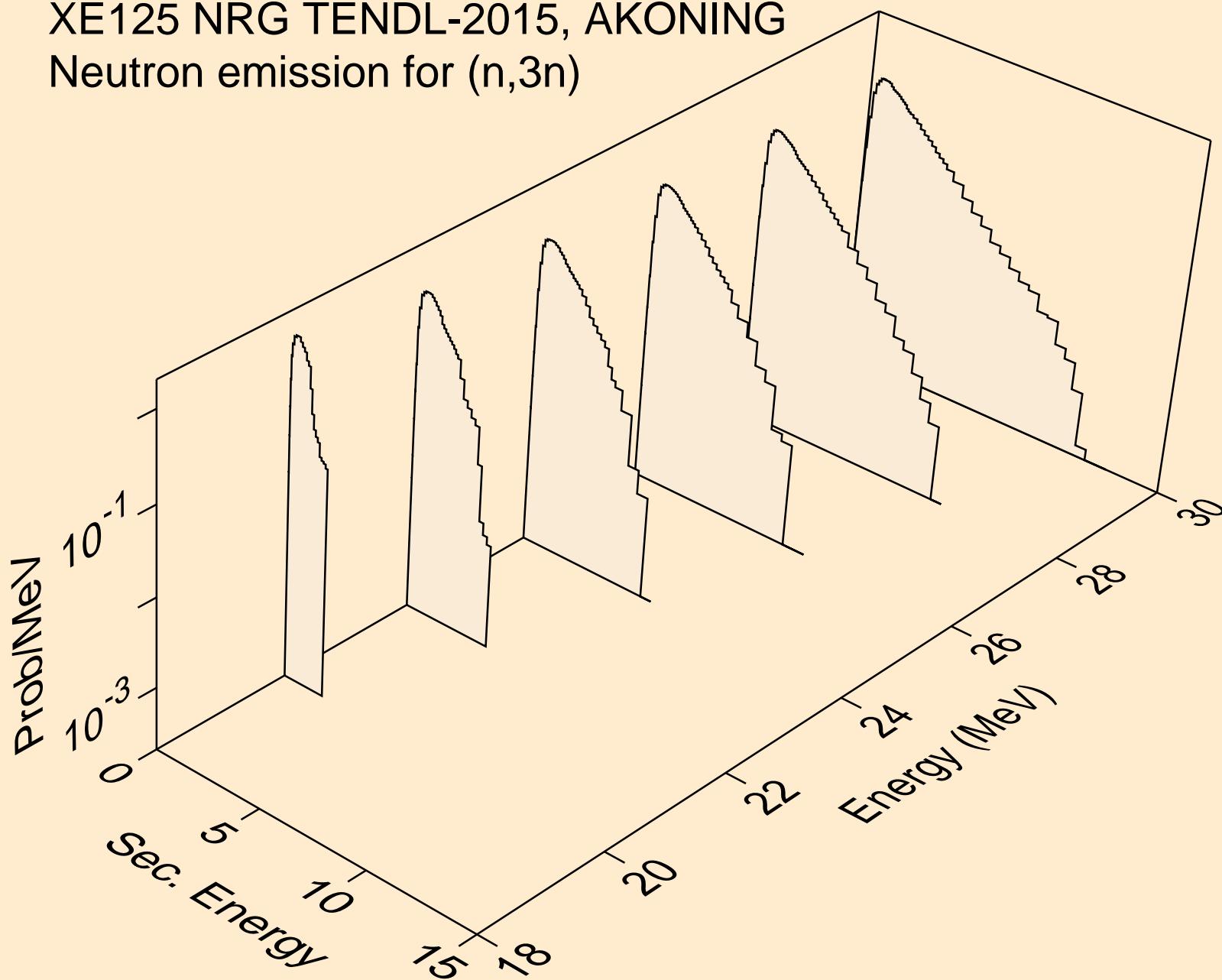
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



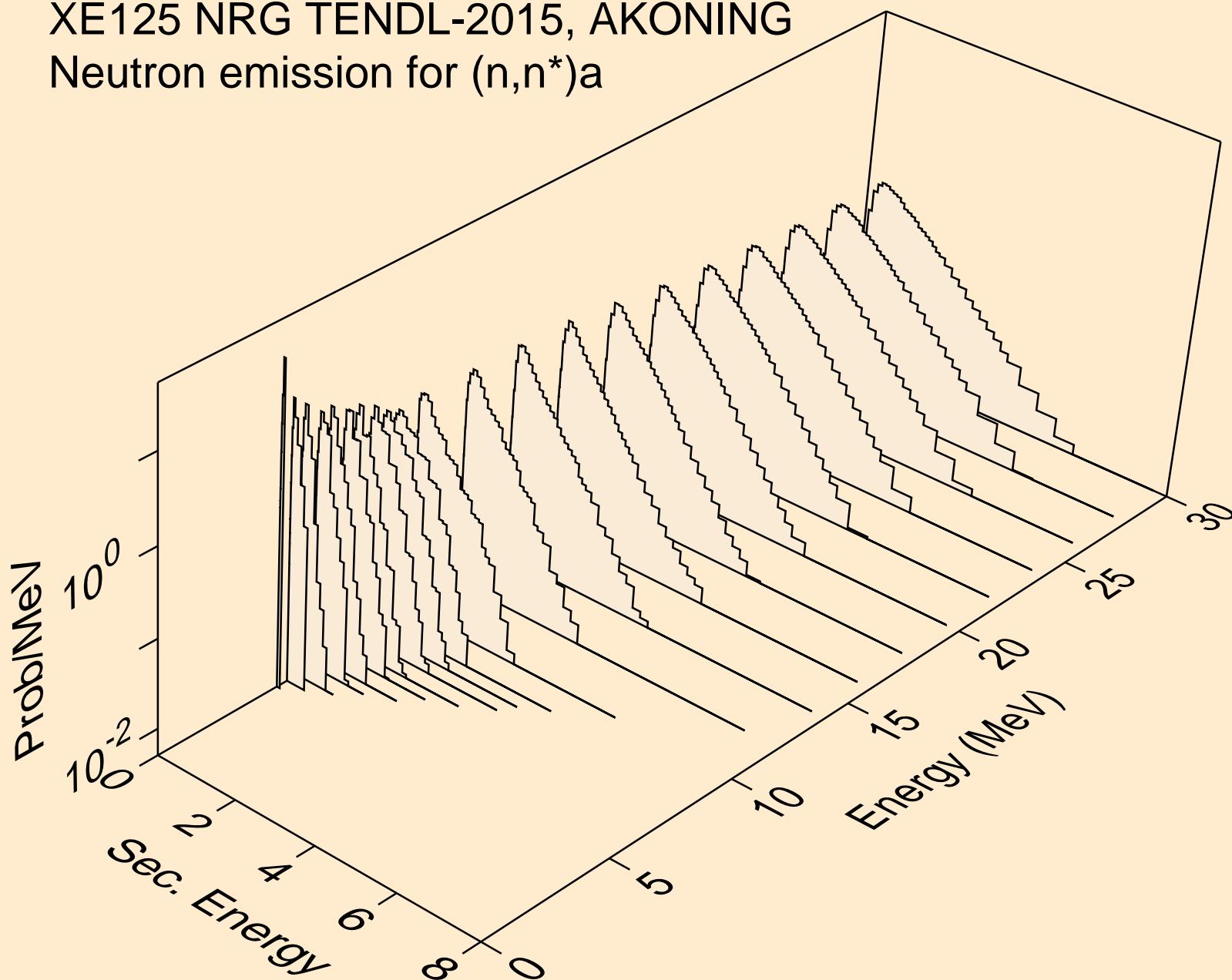
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



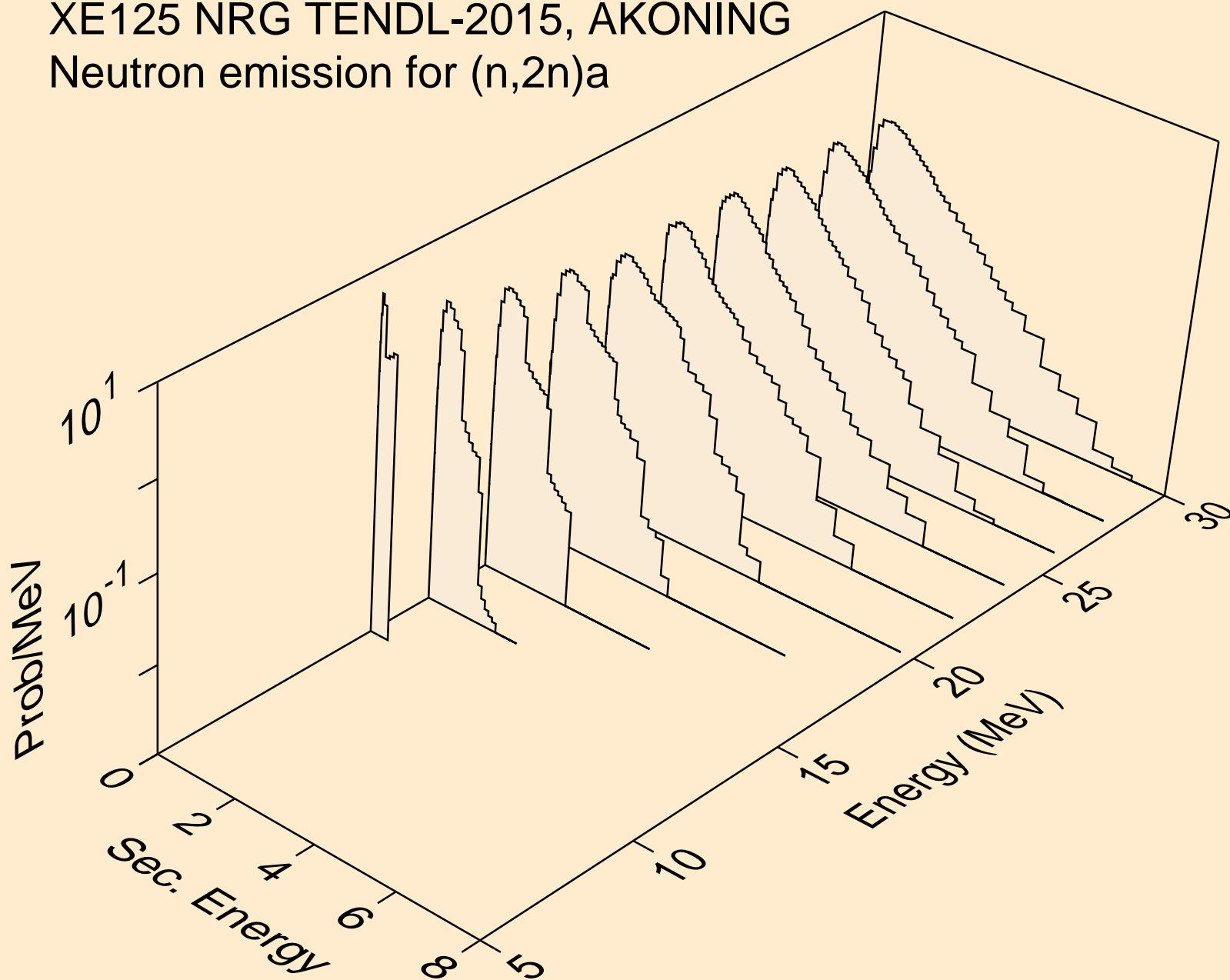
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



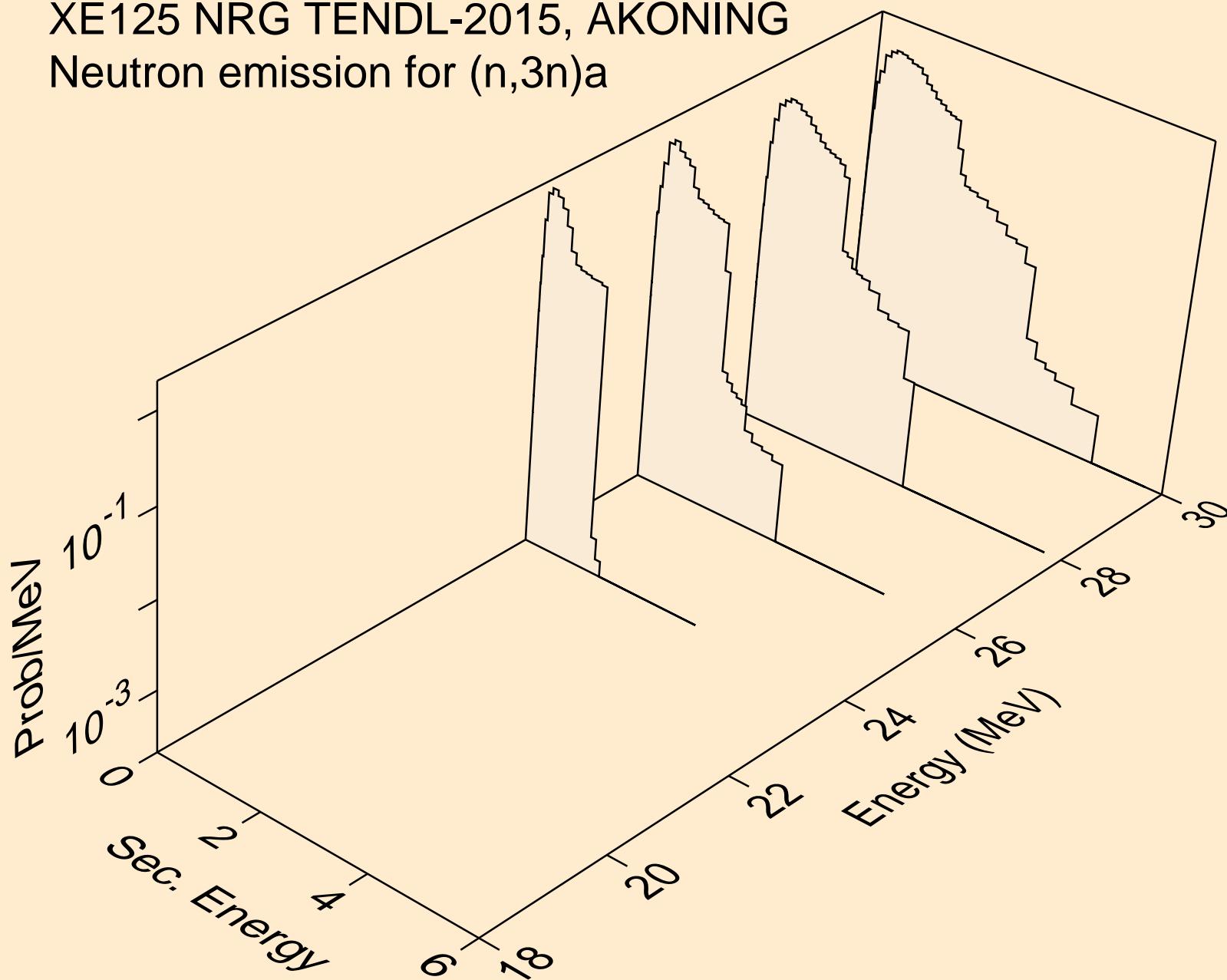
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



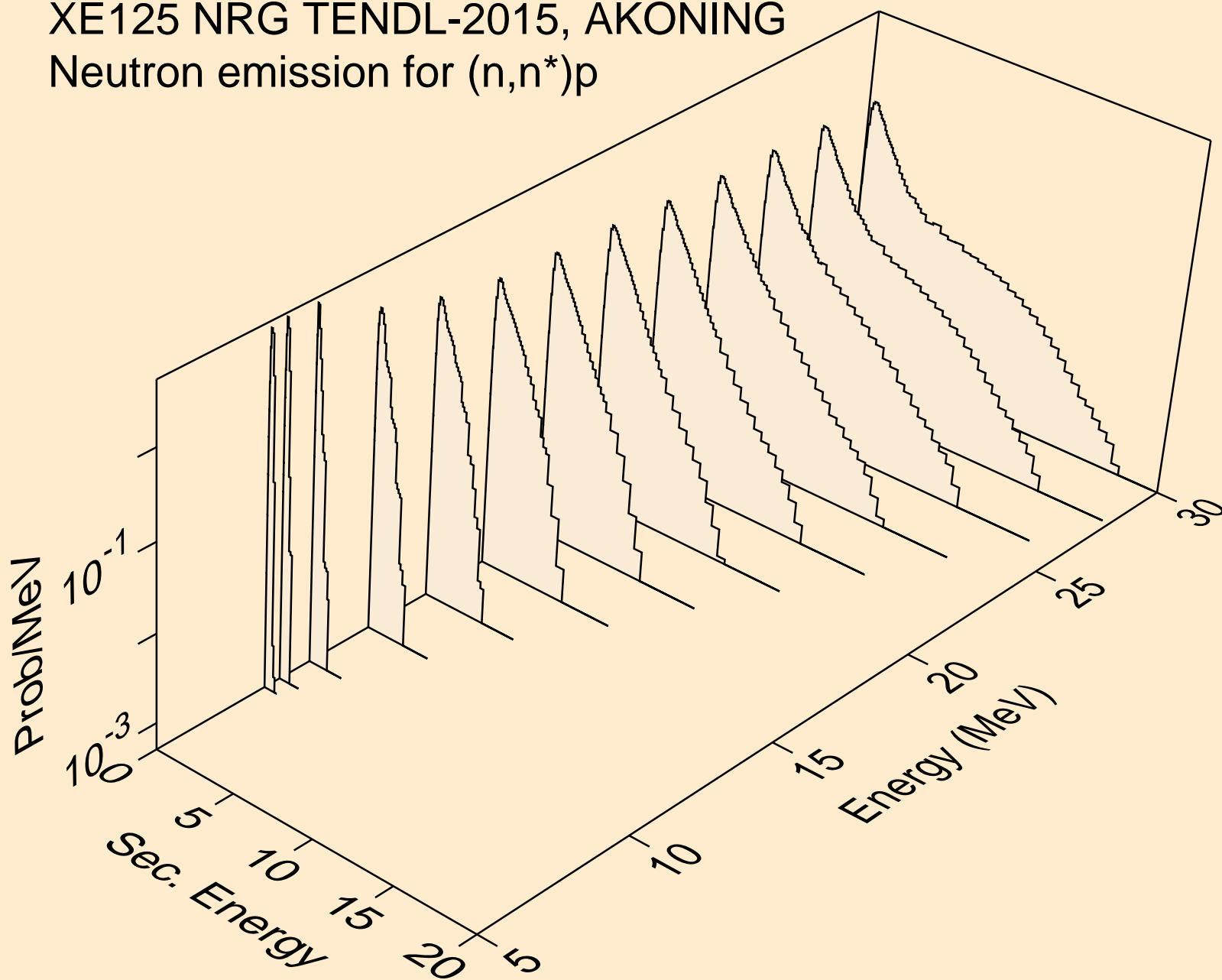
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



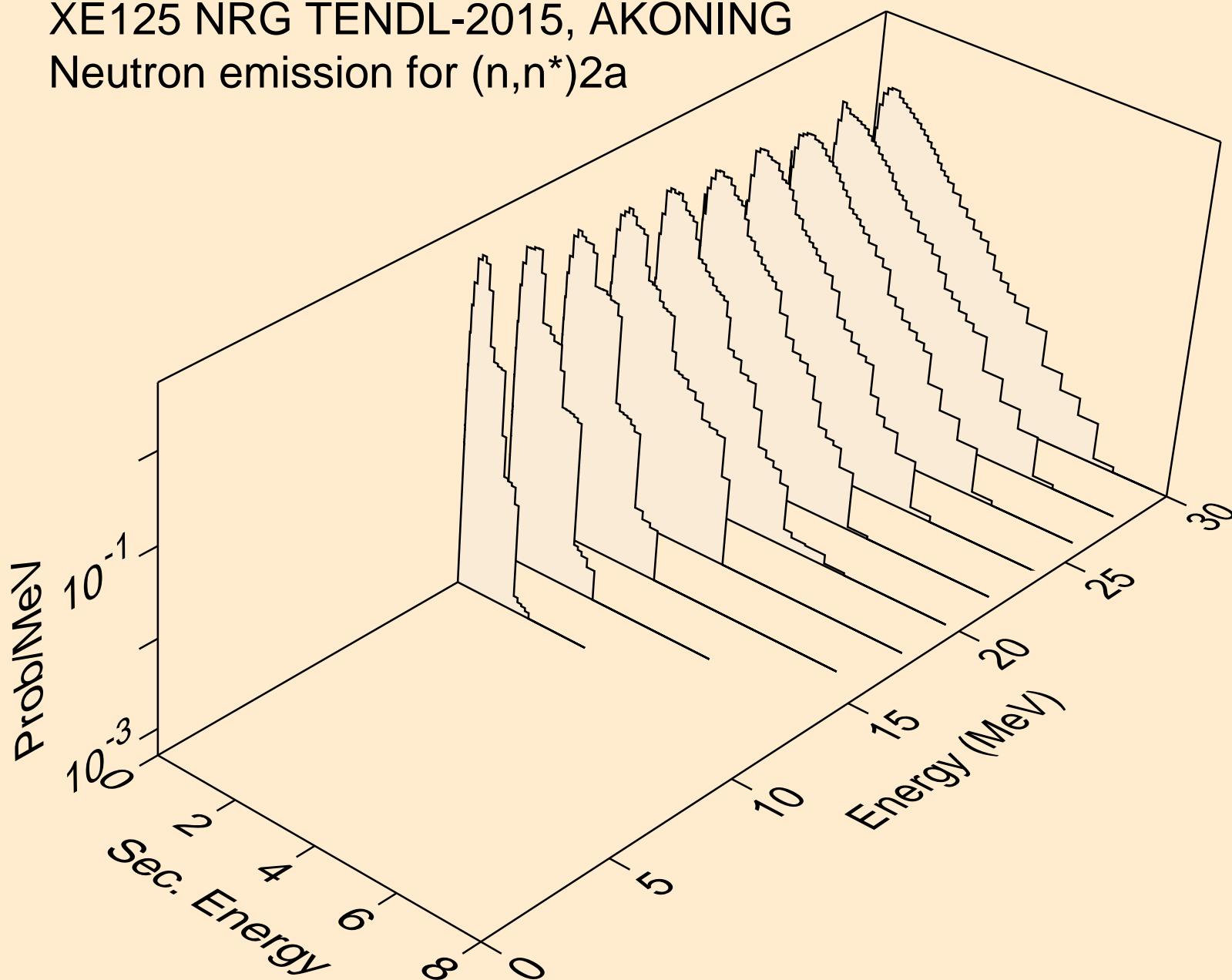
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



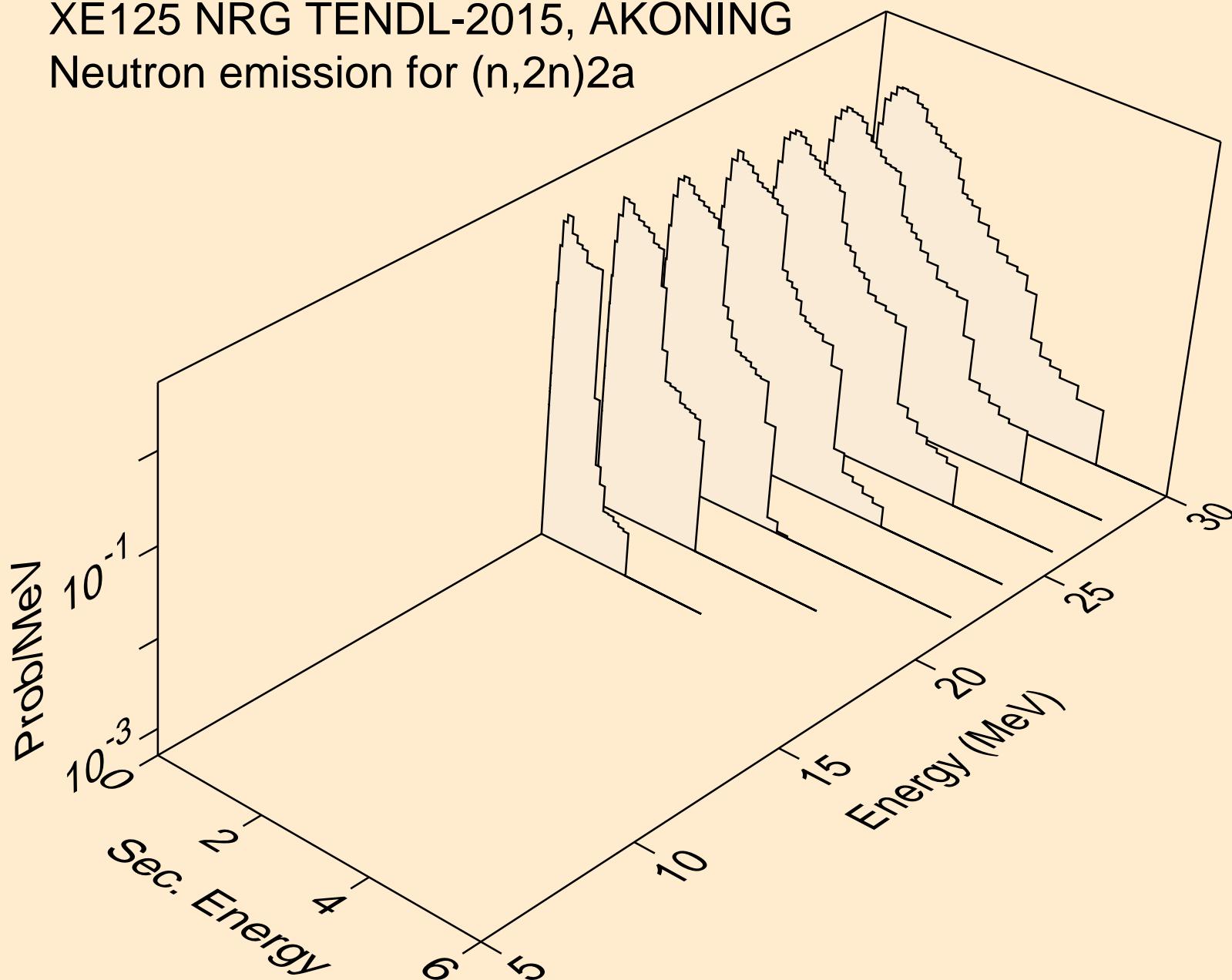
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



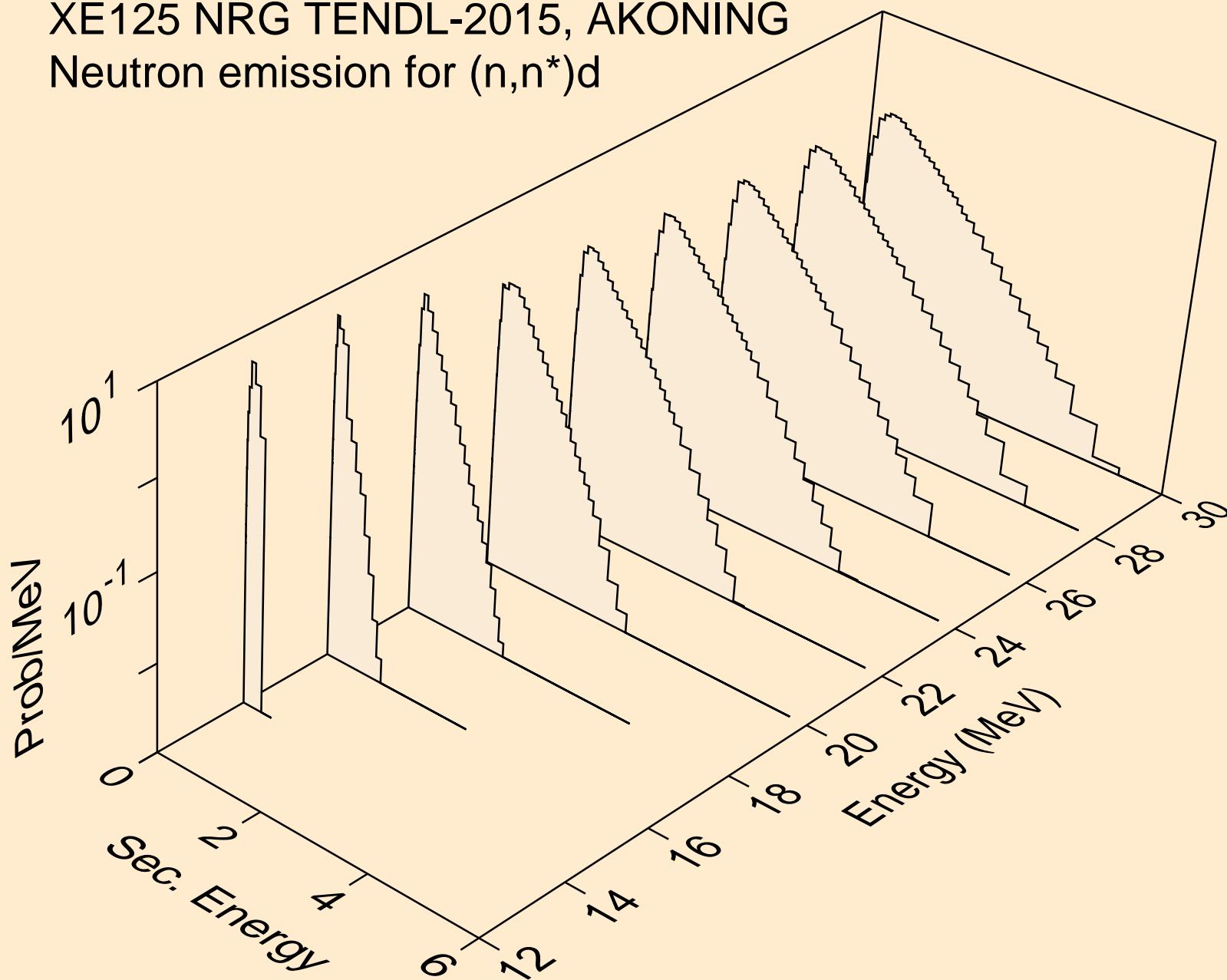
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



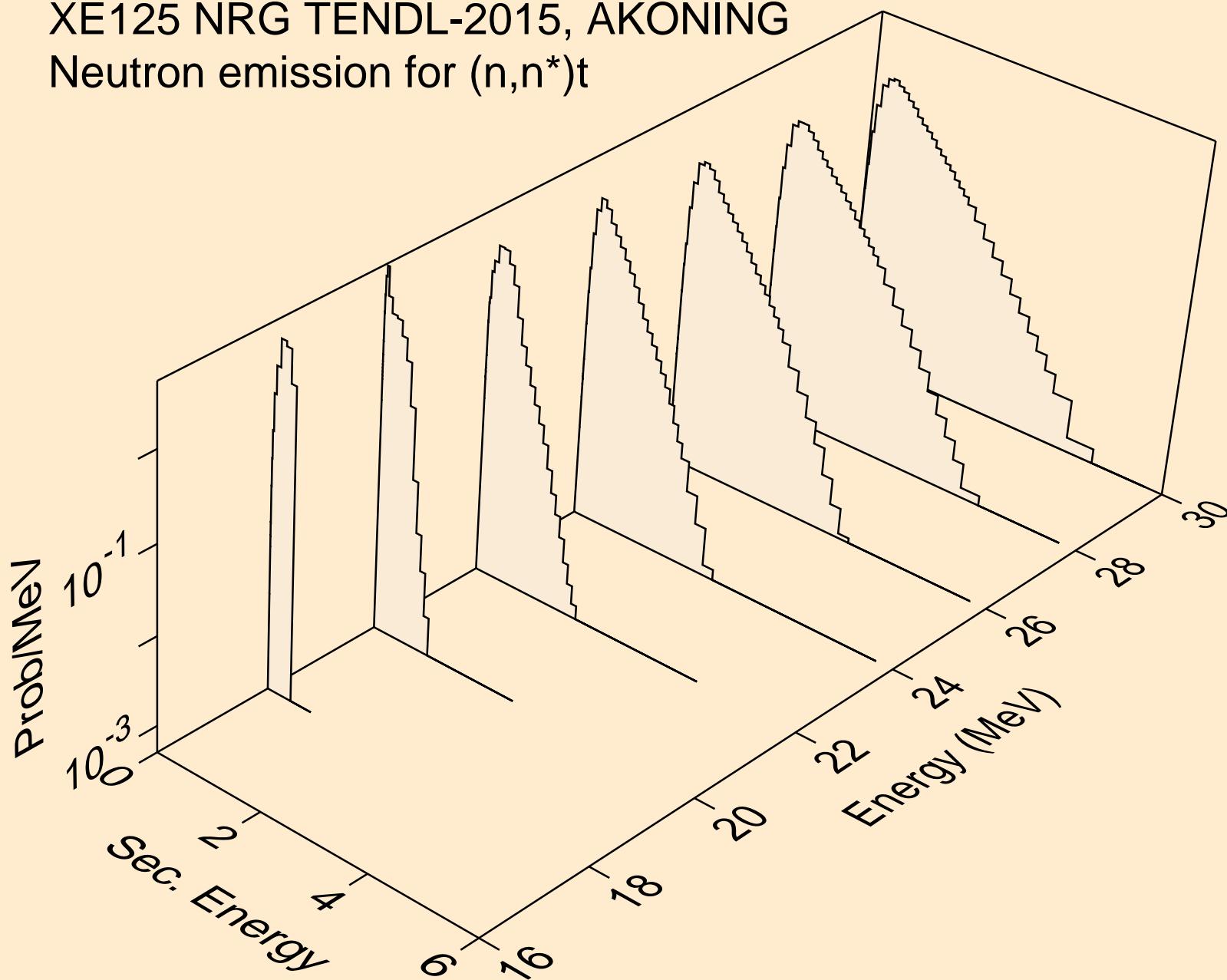
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)2a$



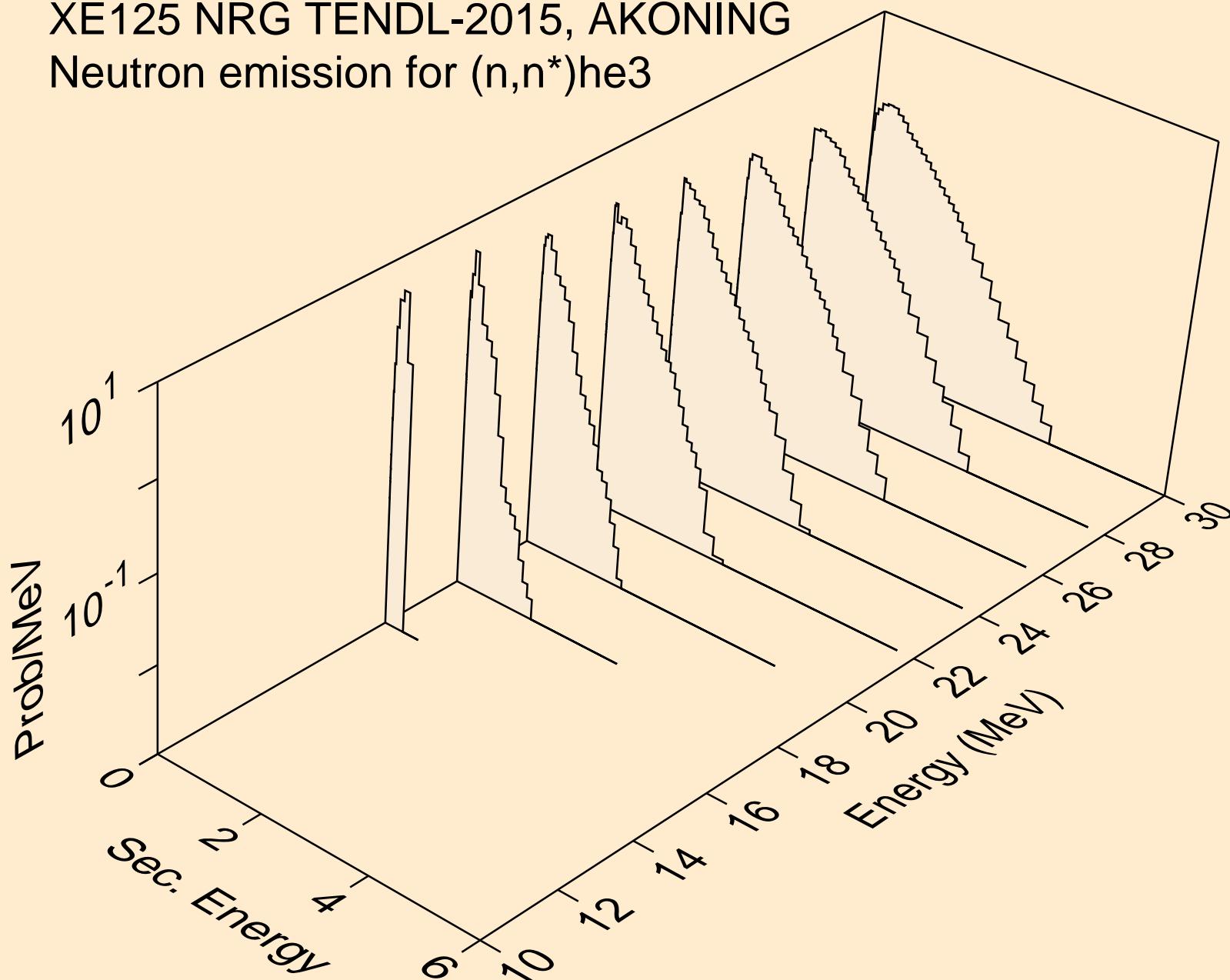
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



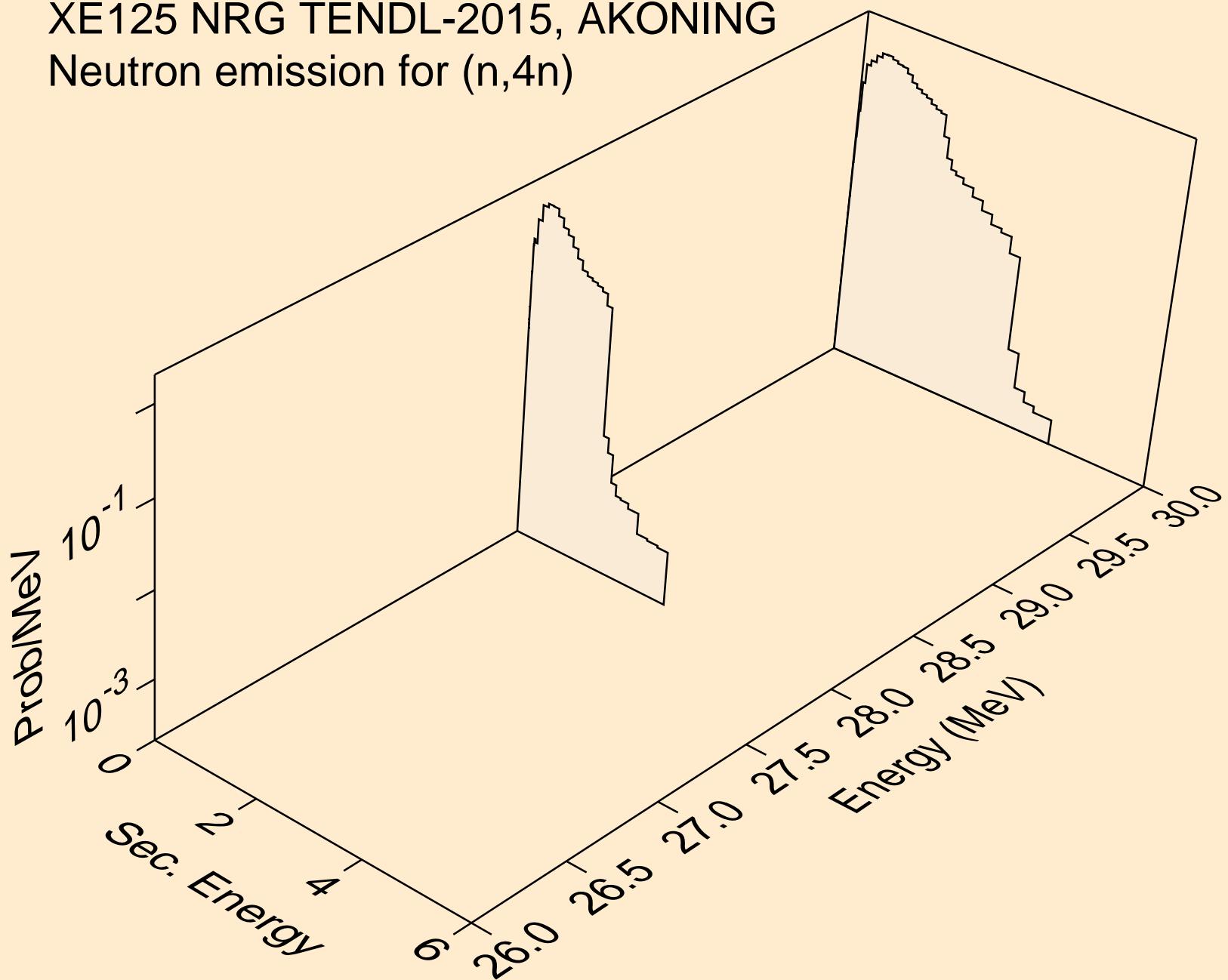
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



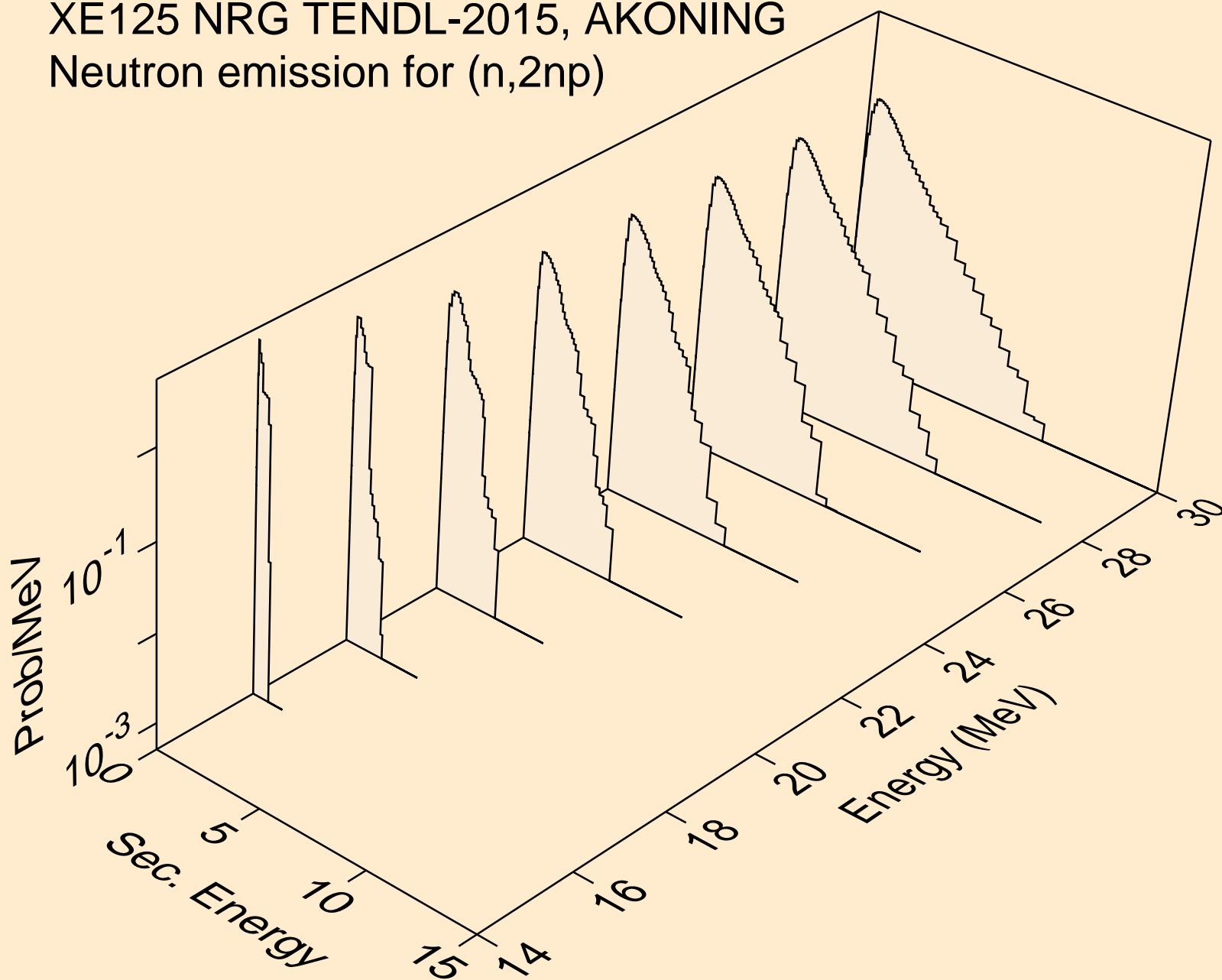
XE125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



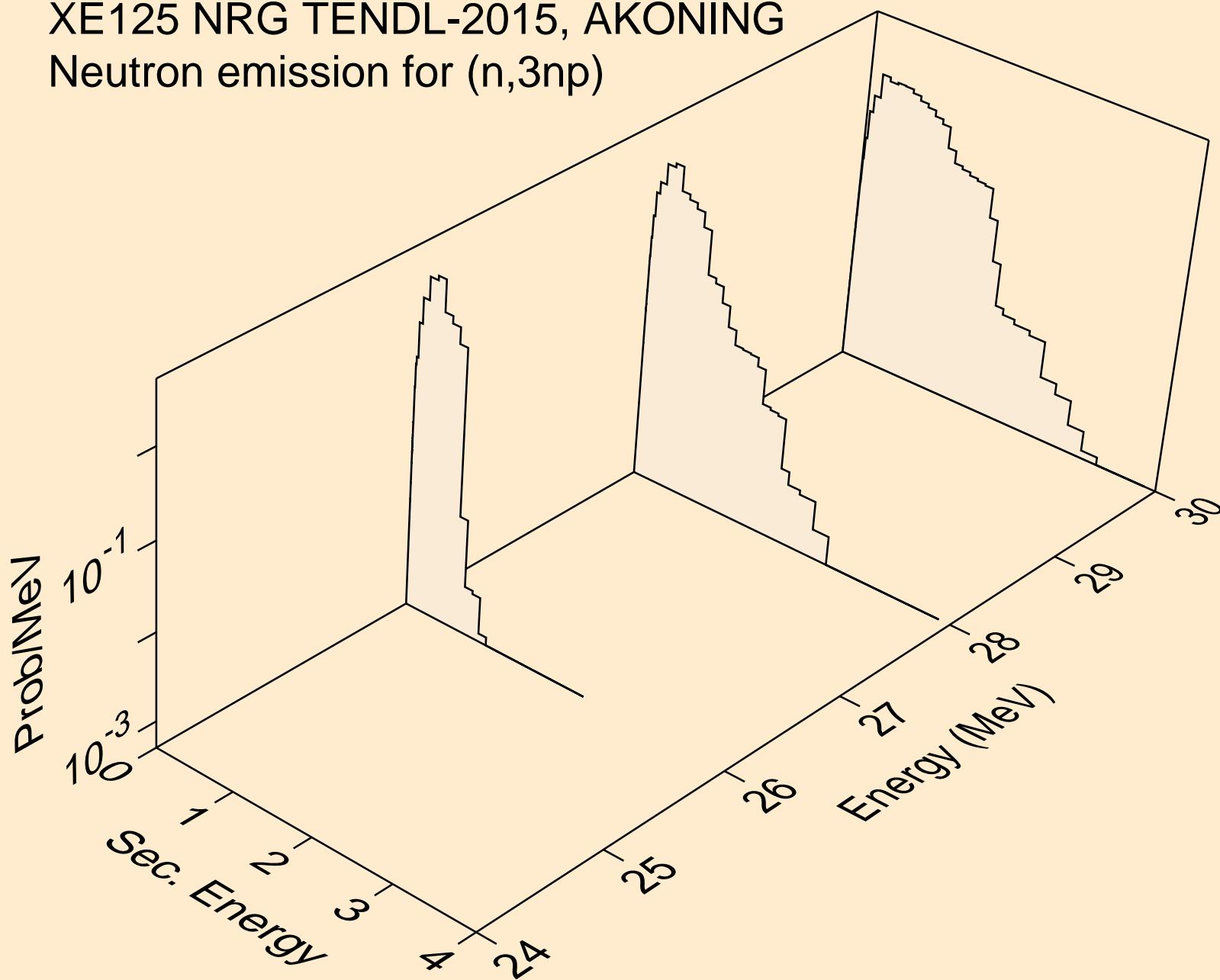
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



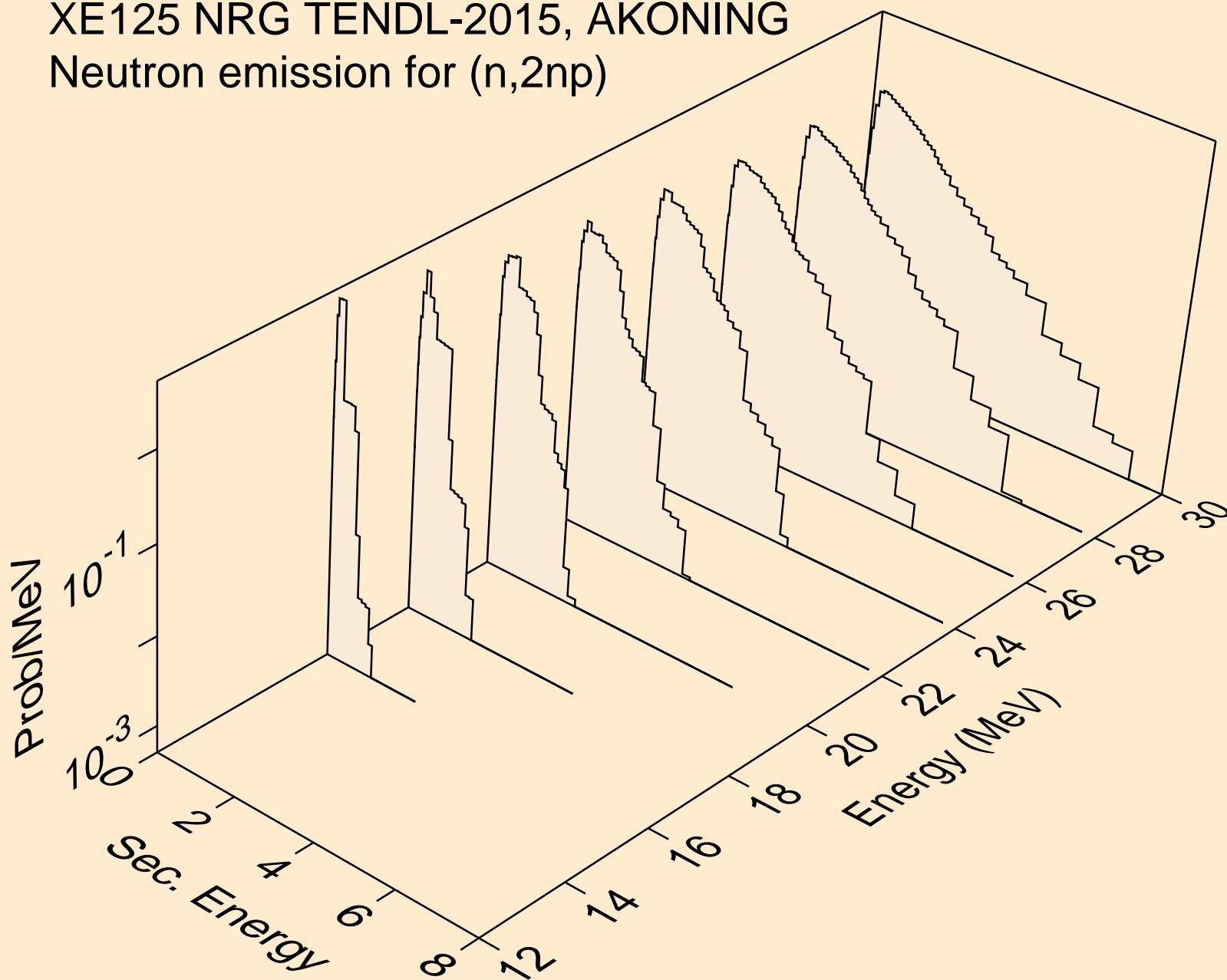
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



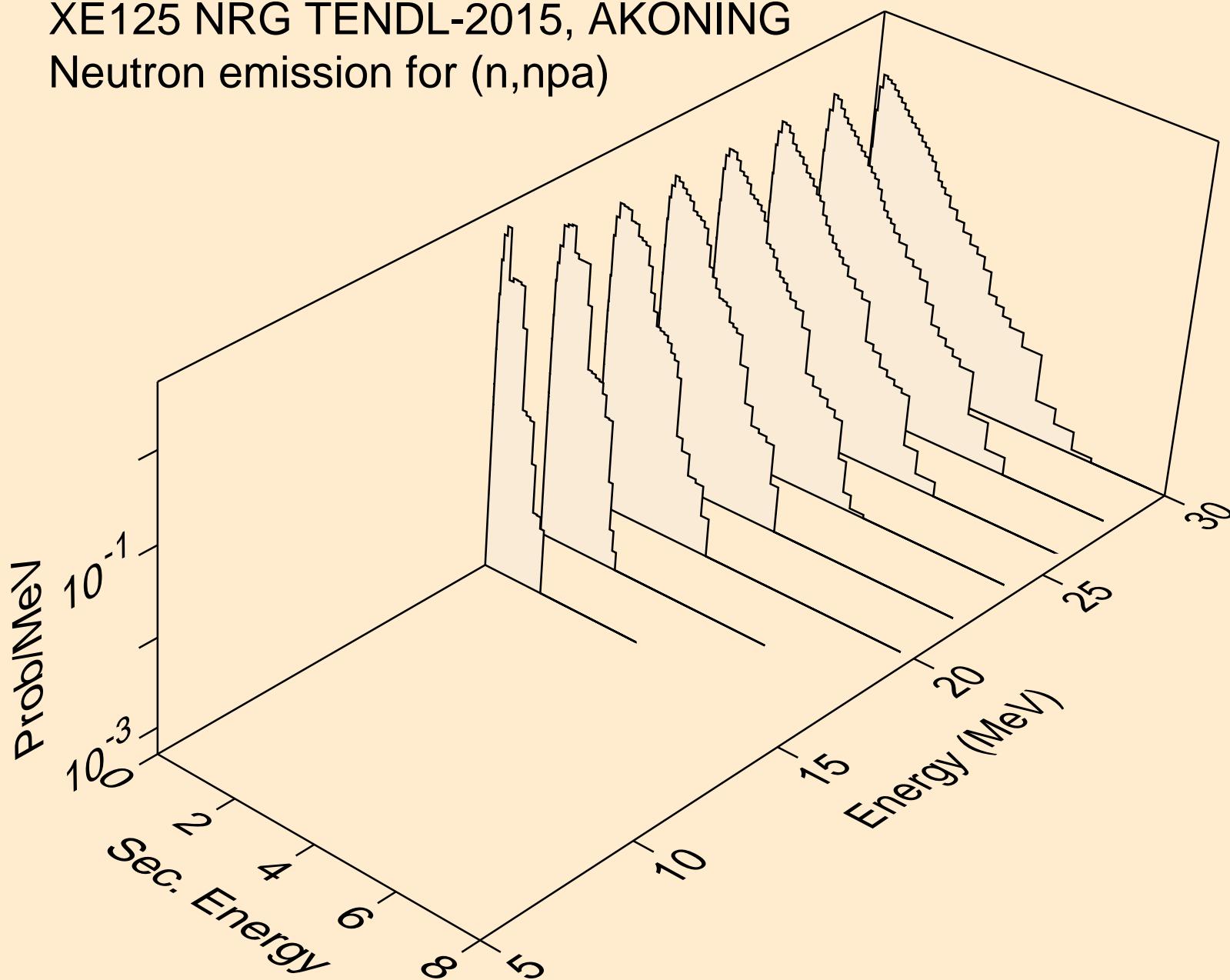
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Neutron emission for (n,3np)



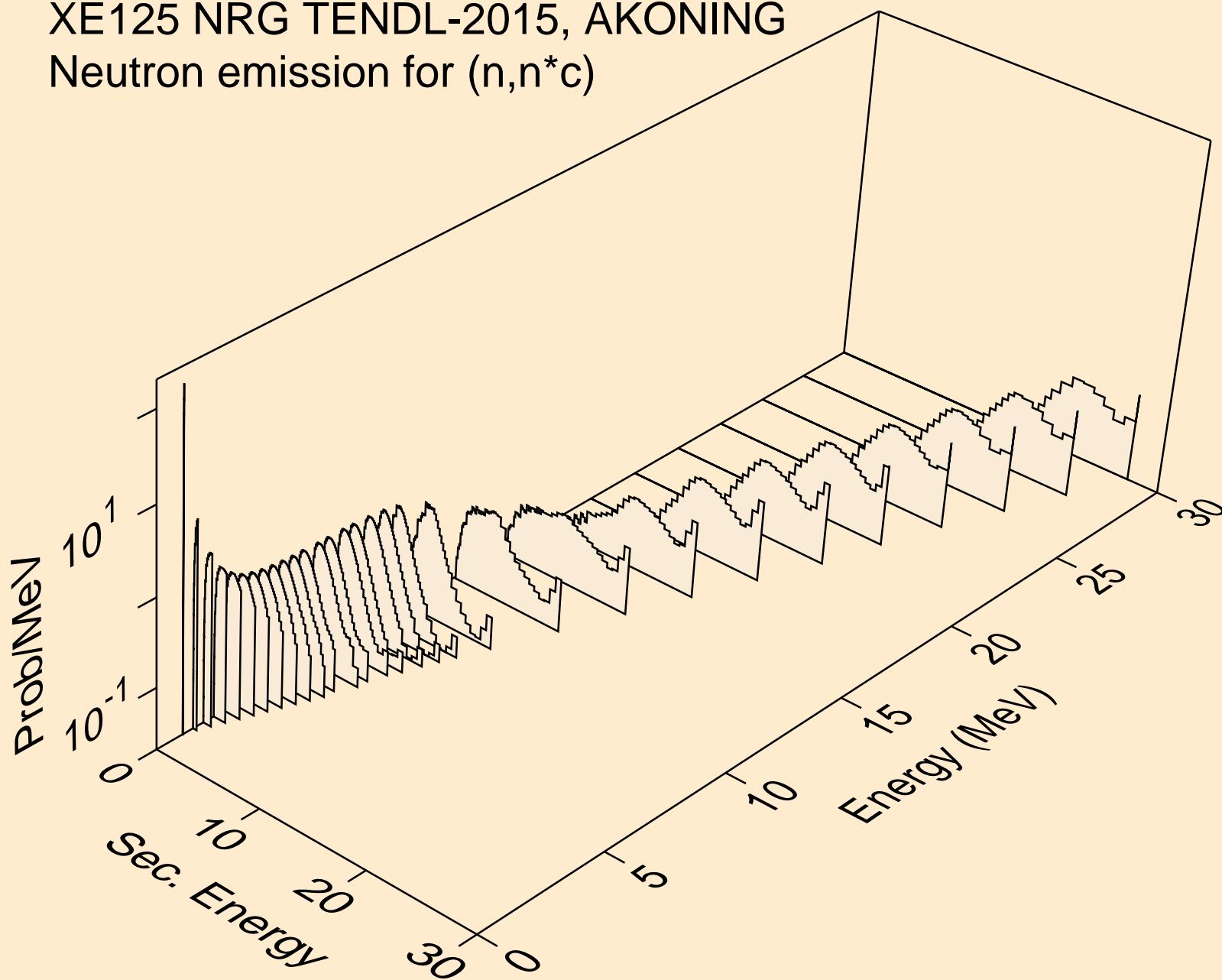
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Neutron emission for (n,2np)



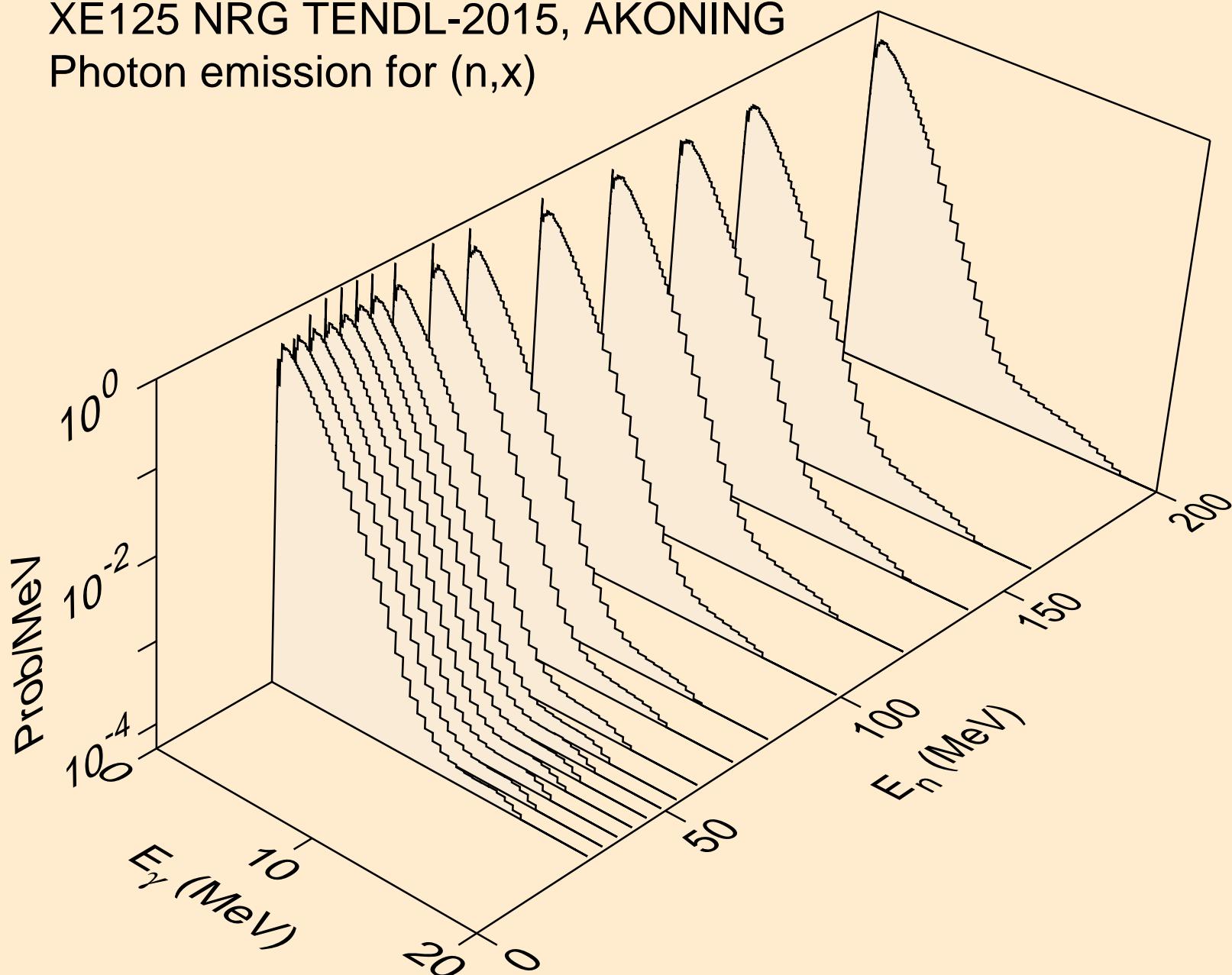
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



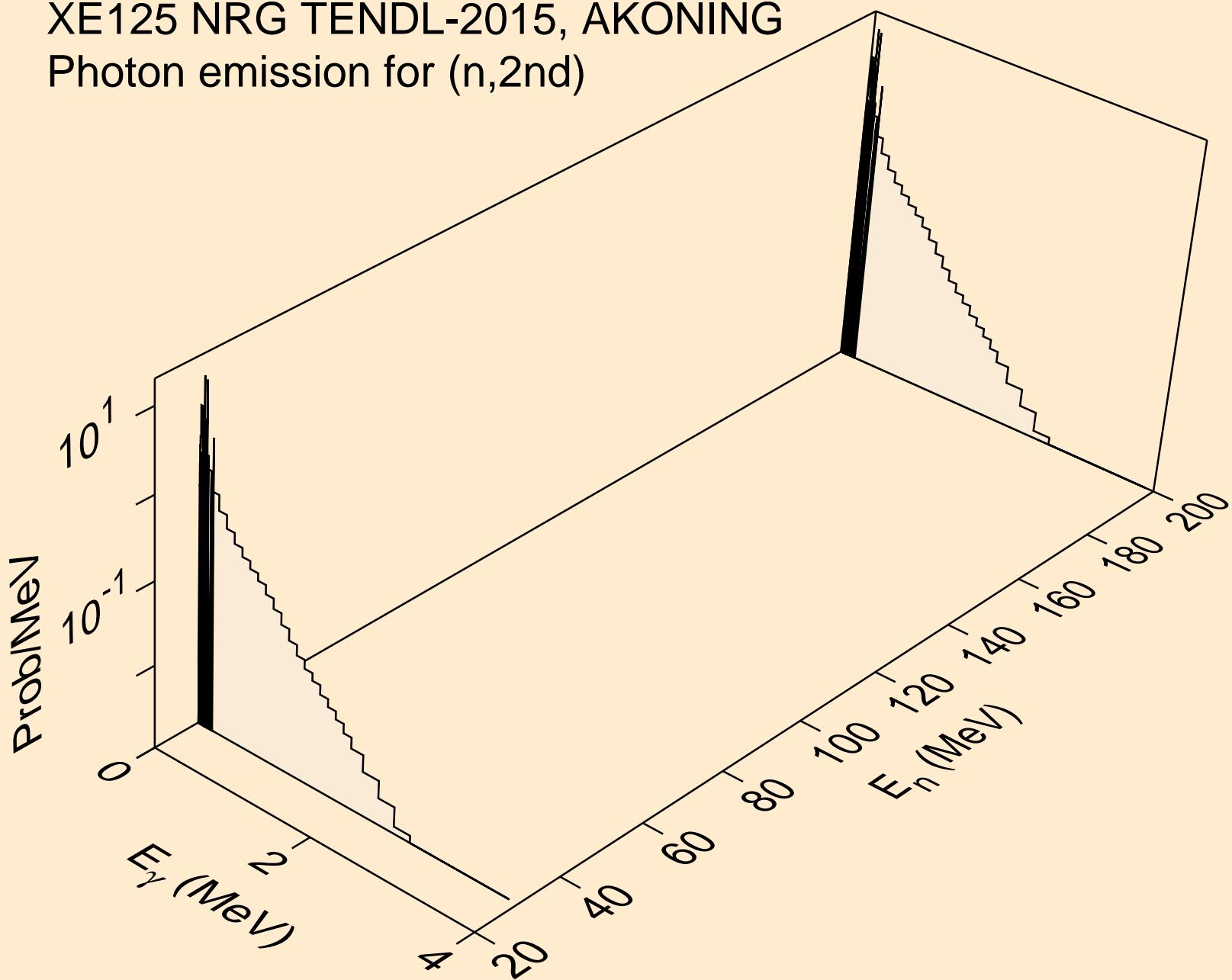
XE125 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



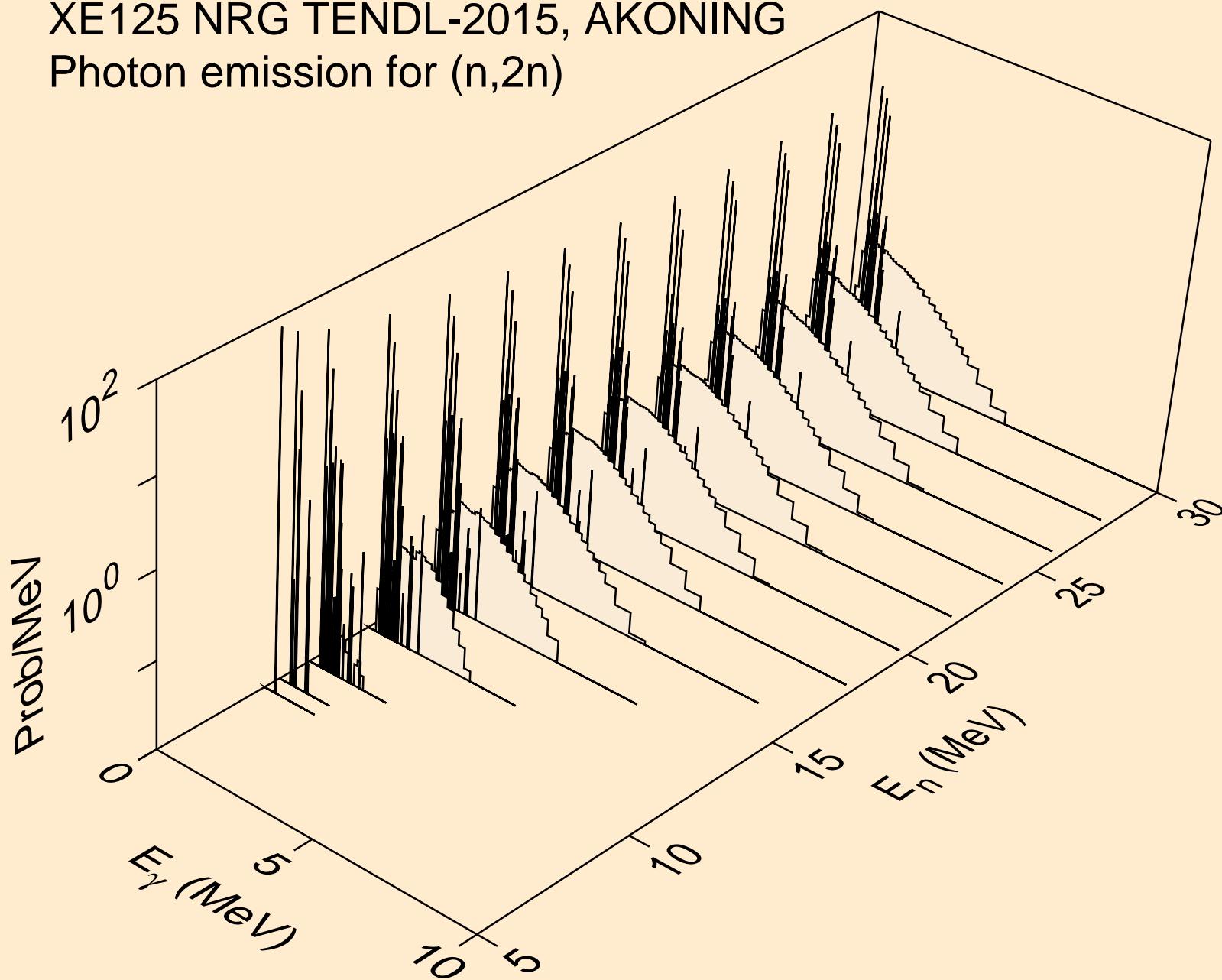
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Photon emission for (n,x)



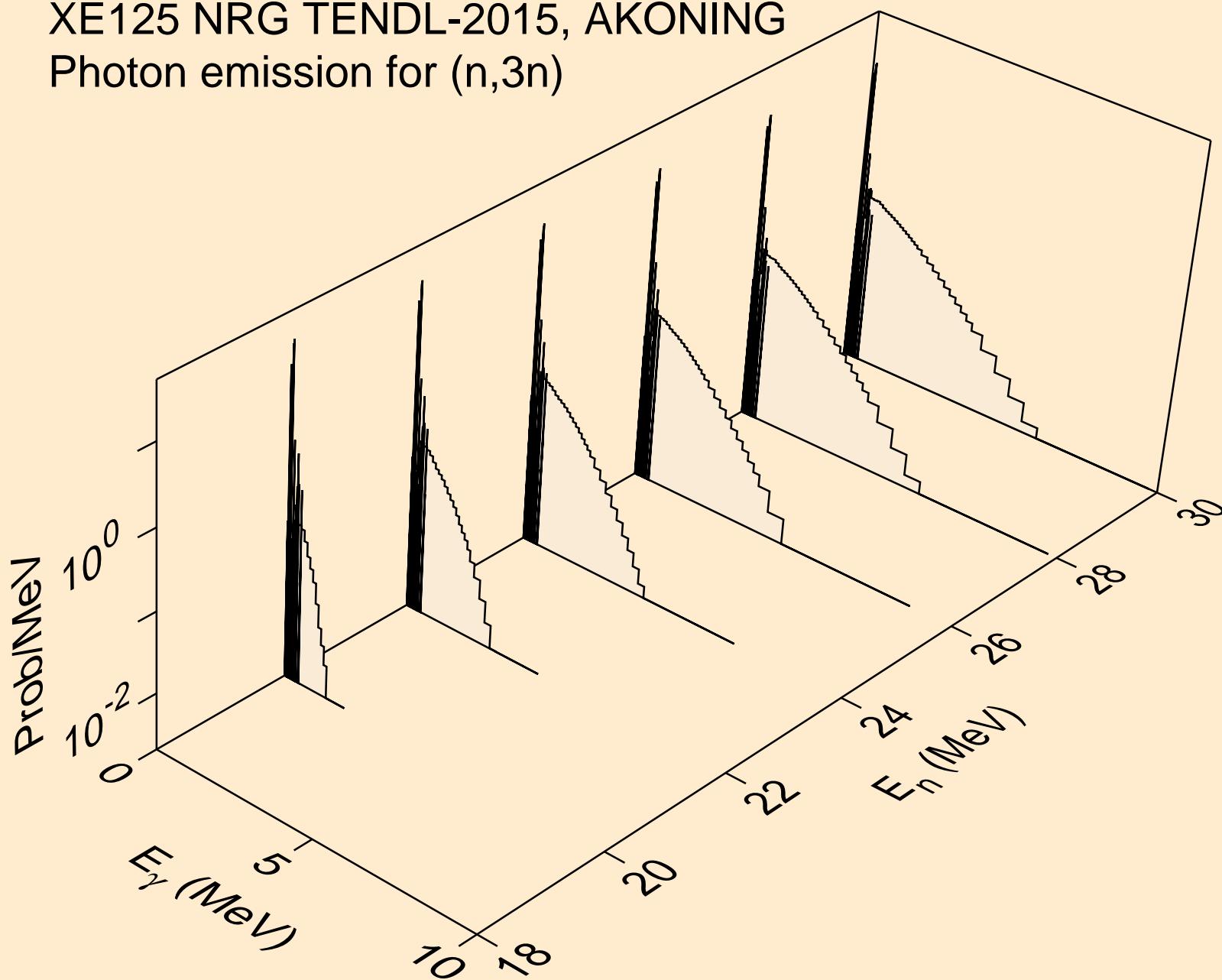
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Photon emission for (n,2nd)



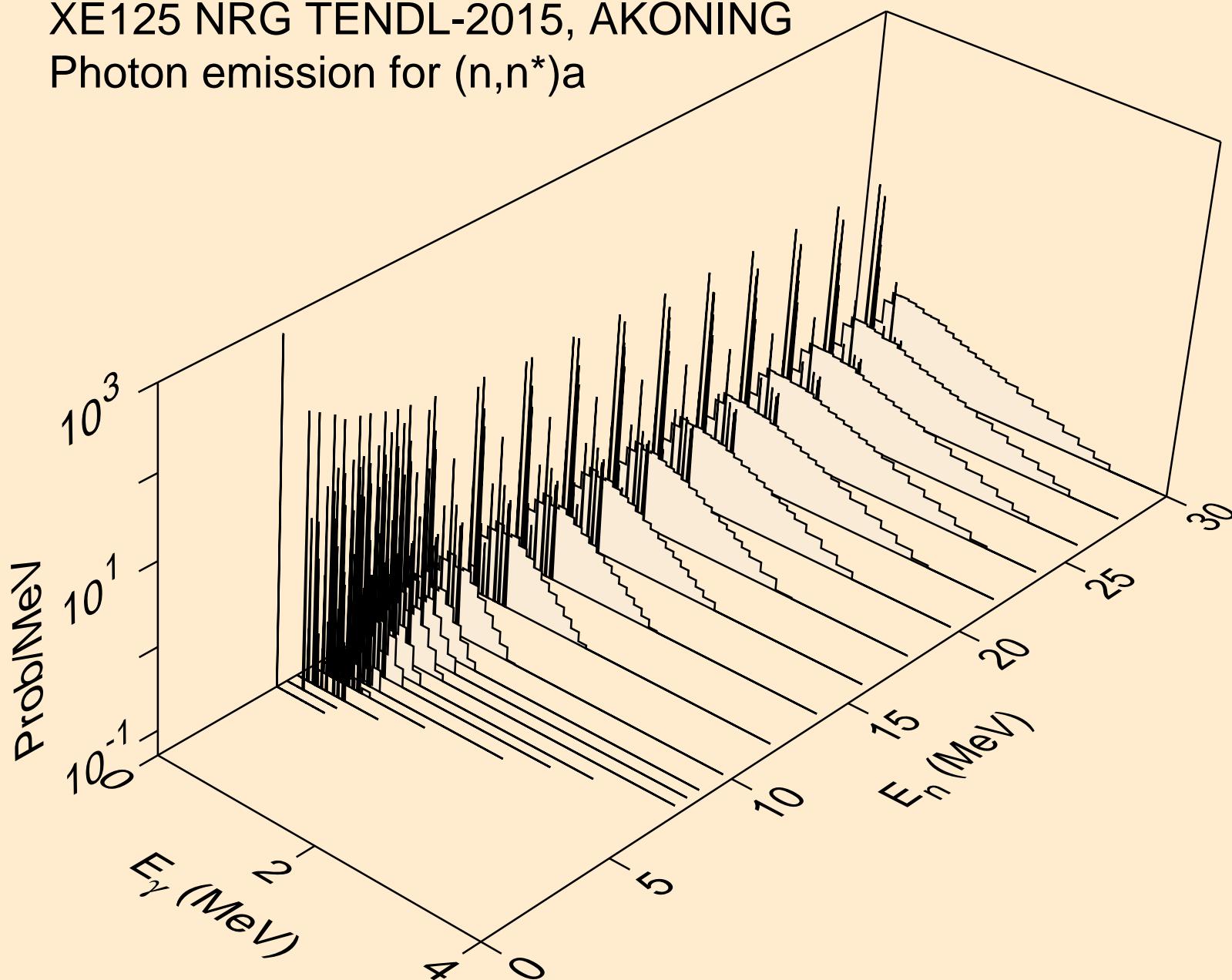
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Photon emission for (n,2n)



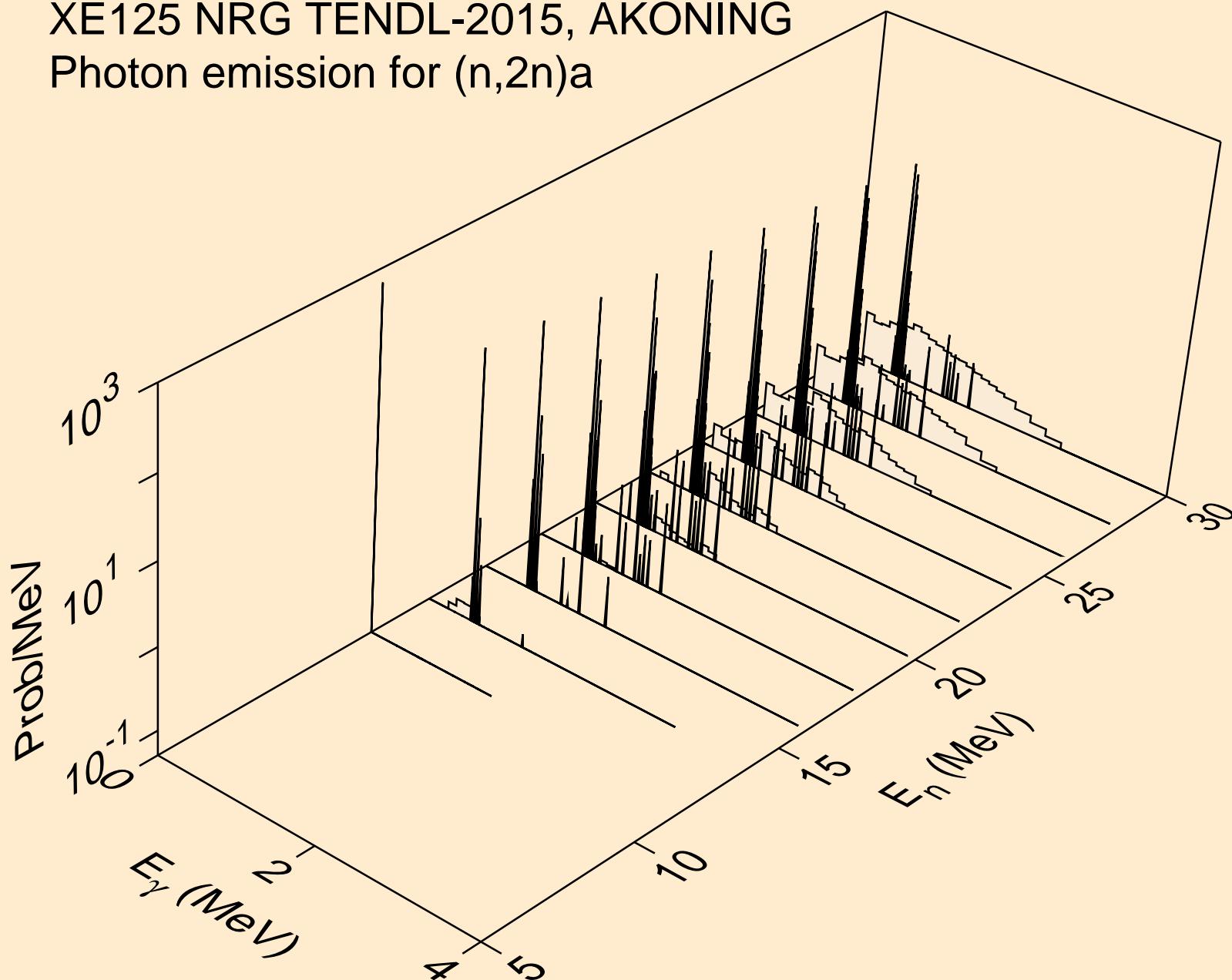
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Photon emission for (n,3n)



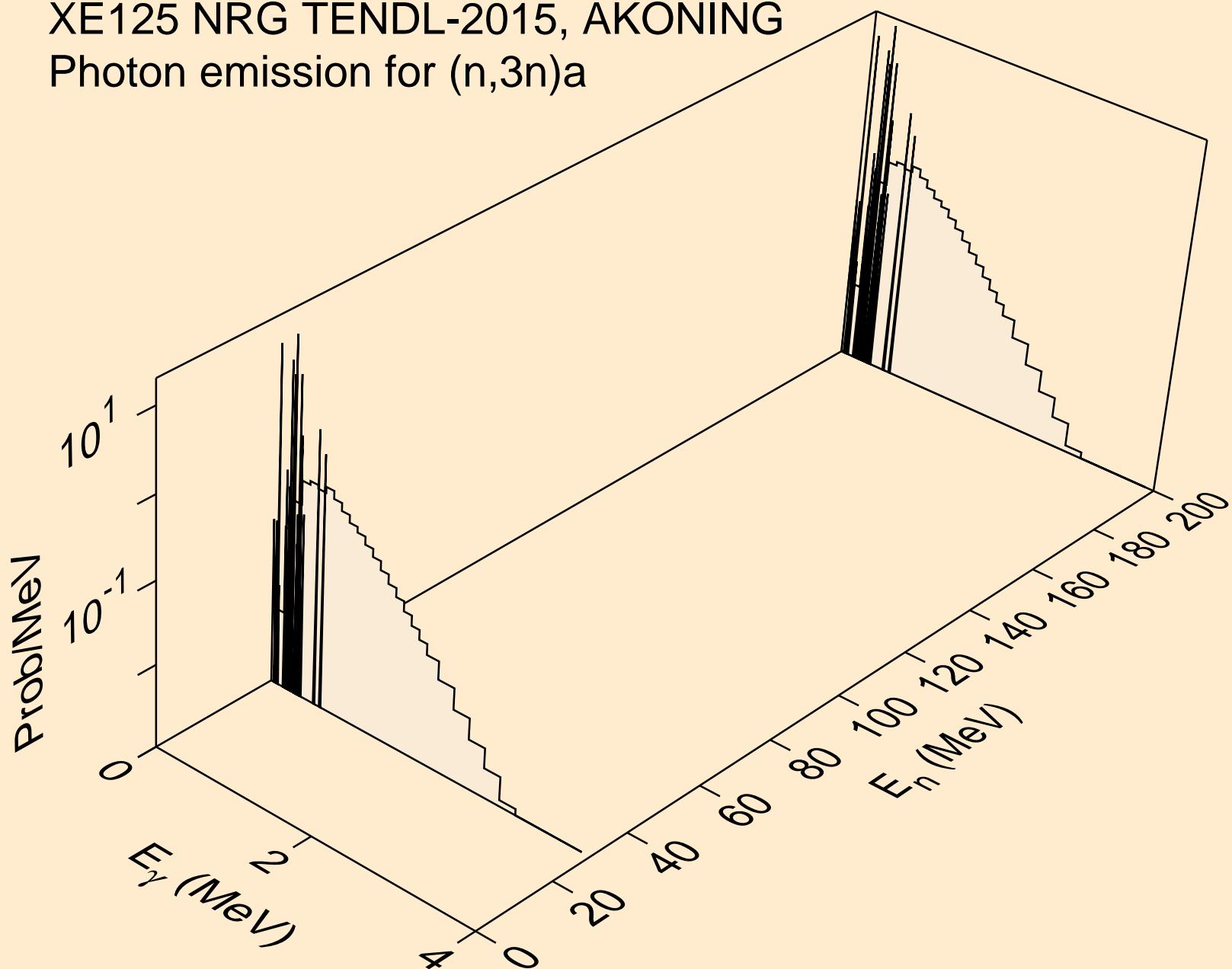
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Photon emission for  $(n,n^*)a$



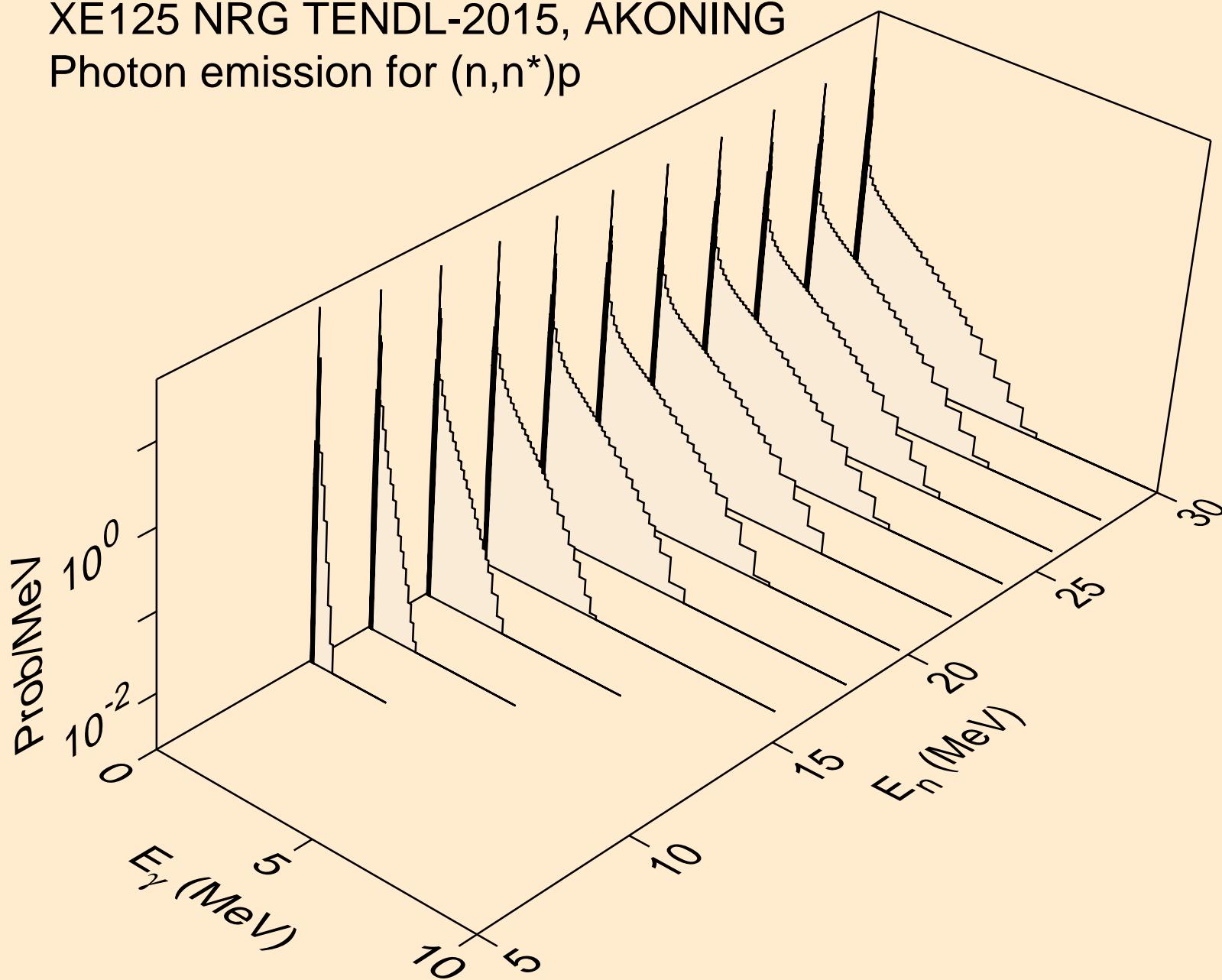
XE125 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



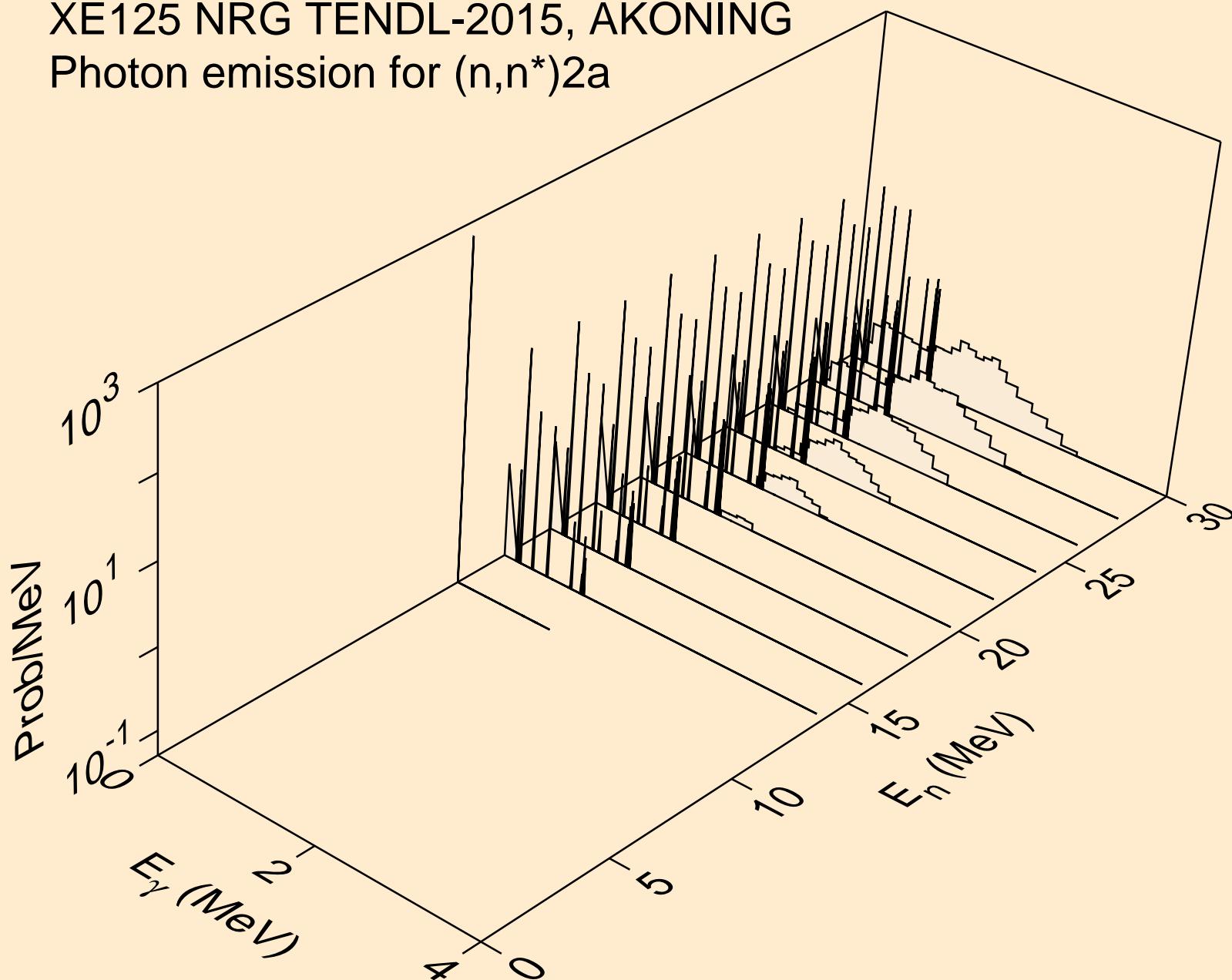
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Photon emission for (n,3n)a



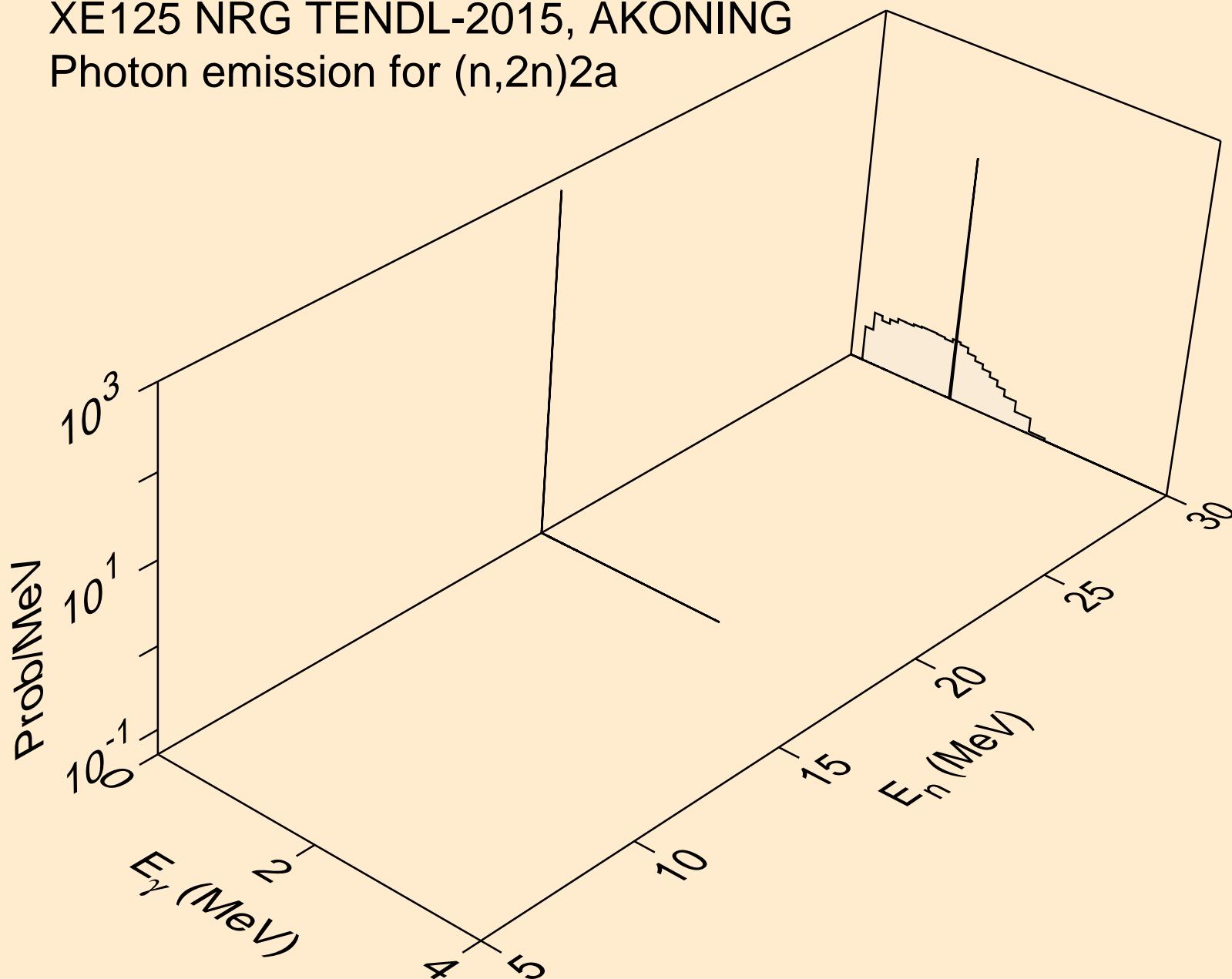
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Photon emission for  $(n,n^*)p$



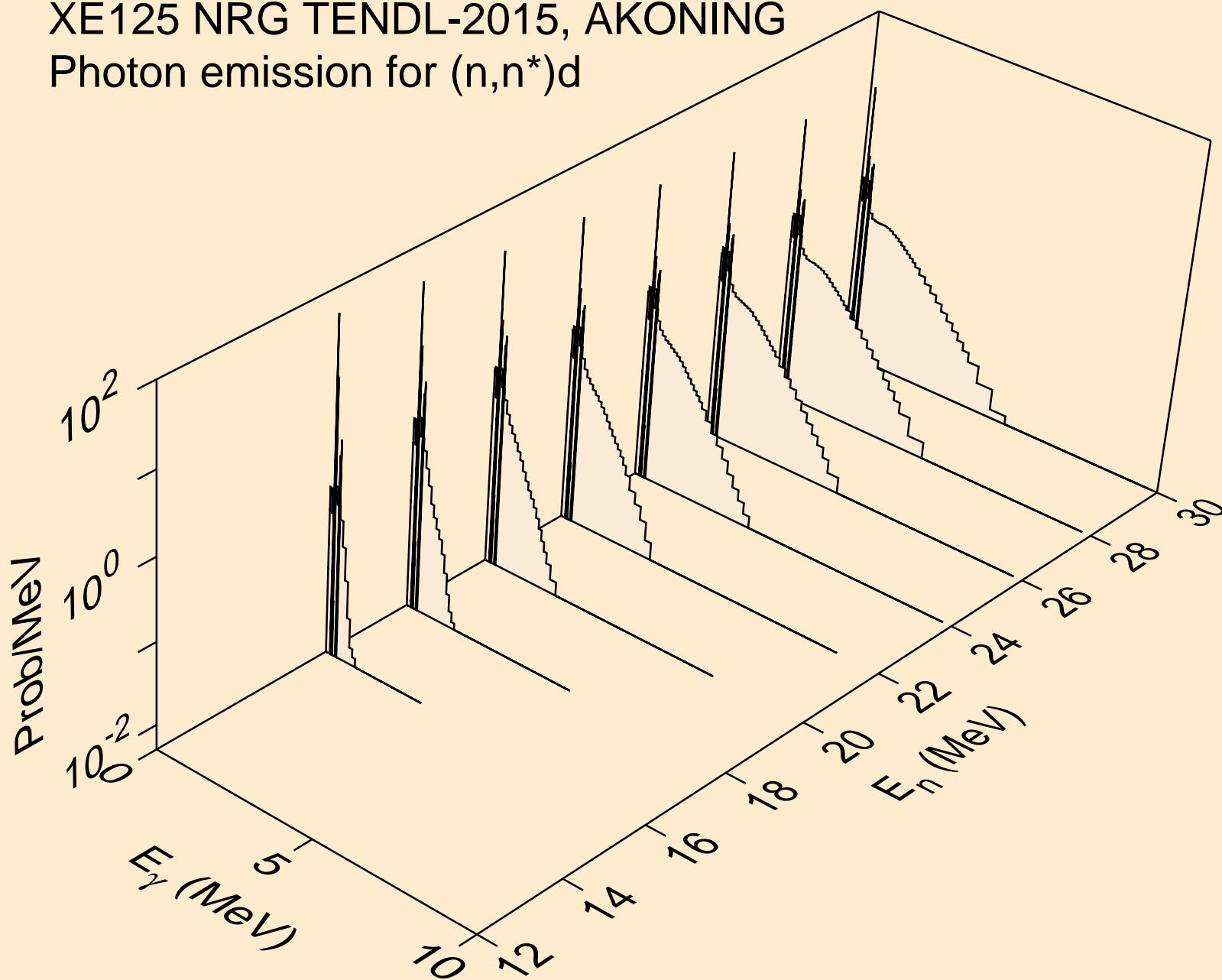
XE125 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



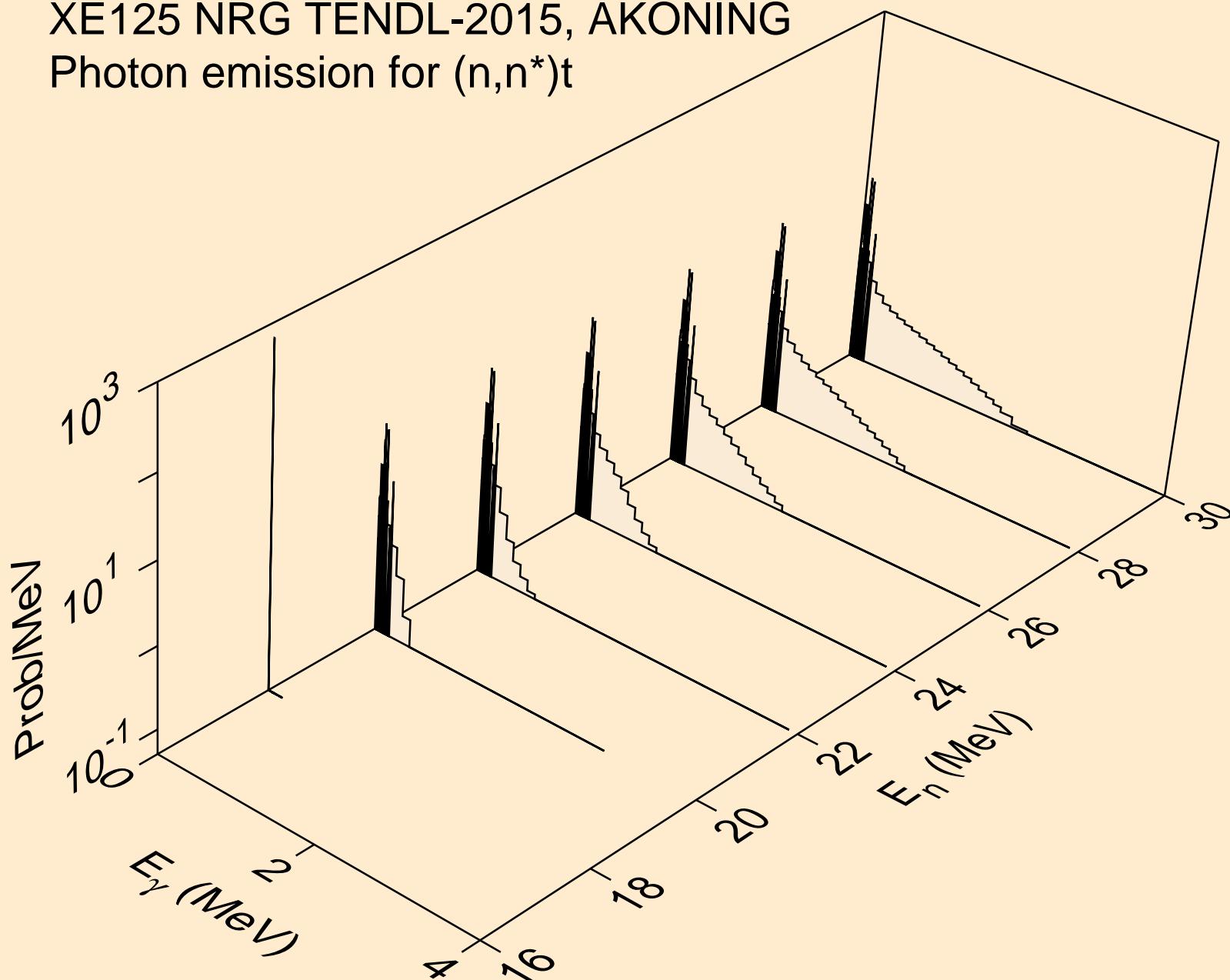
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Photon emission for (n,2n)2a



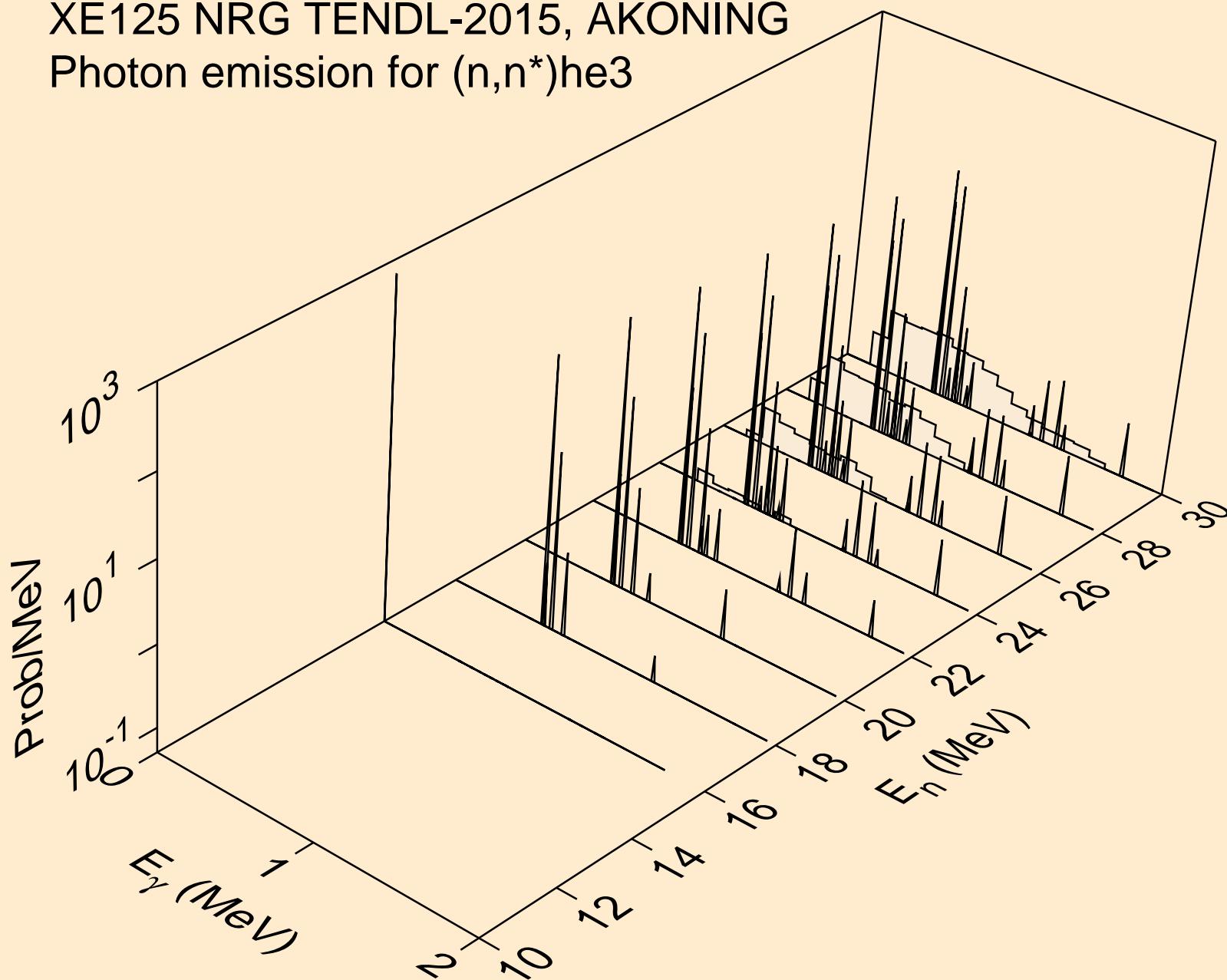
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Photon emission for  $(n,n^*)d$



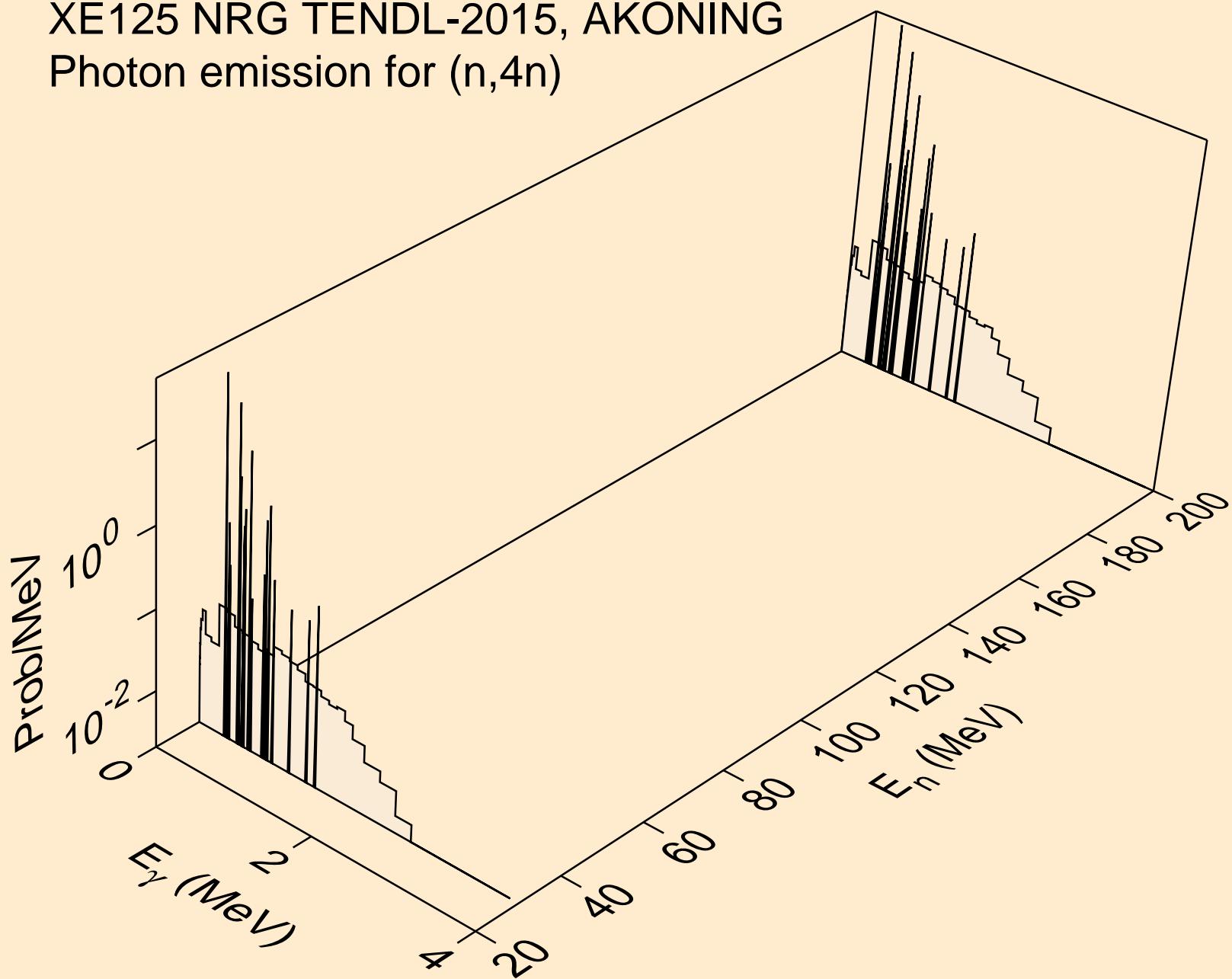
XE125 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



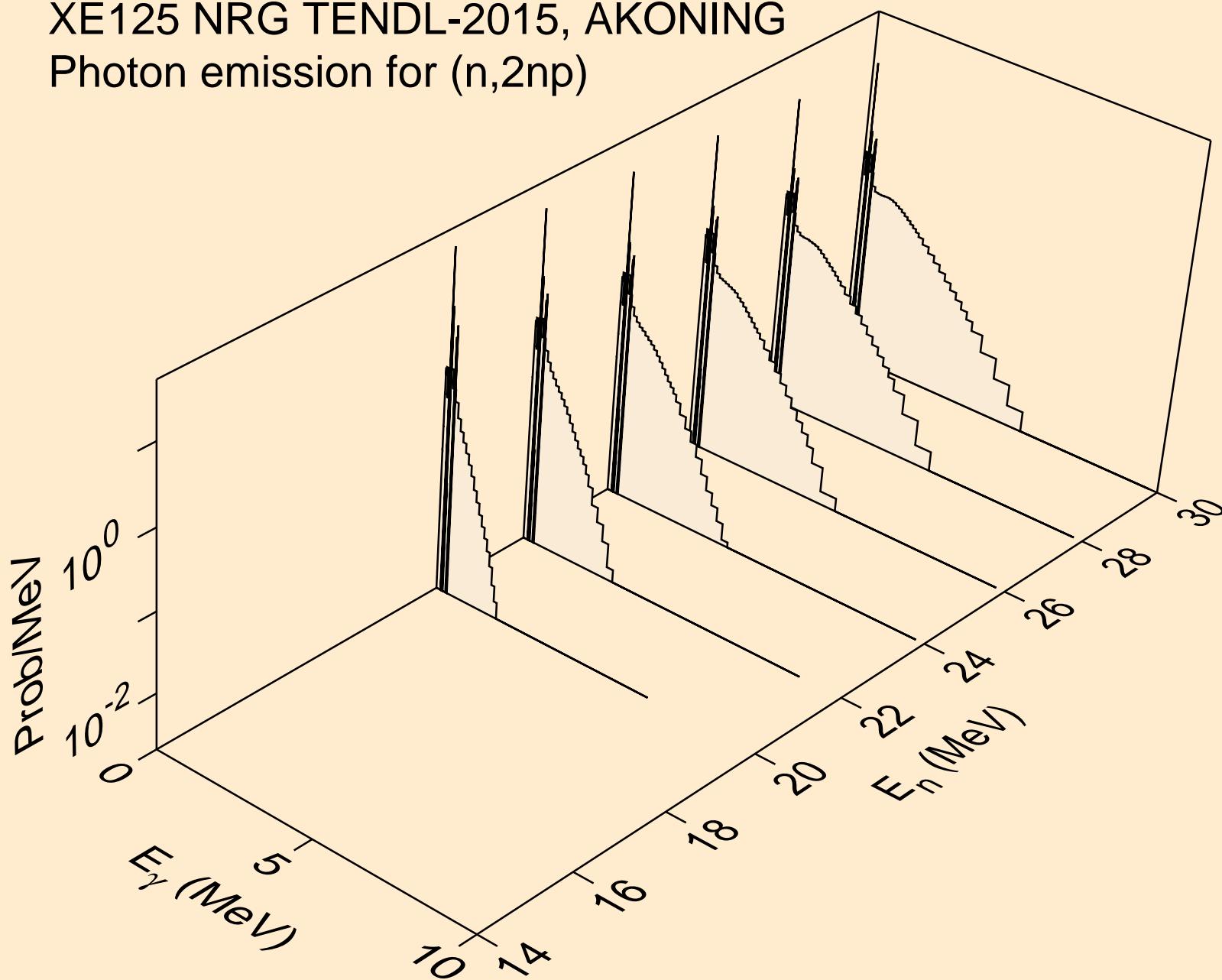
XE125 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



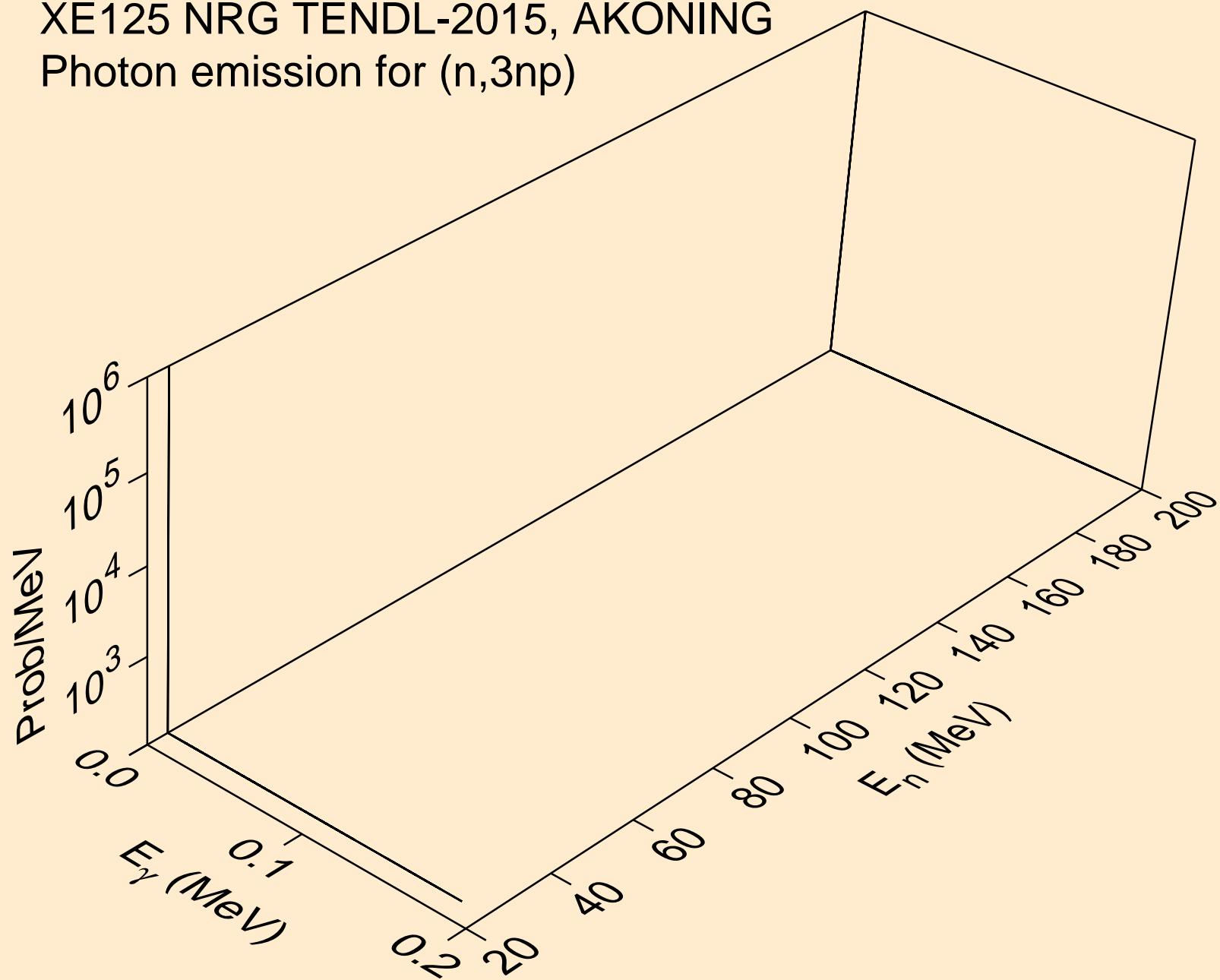
XE125 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



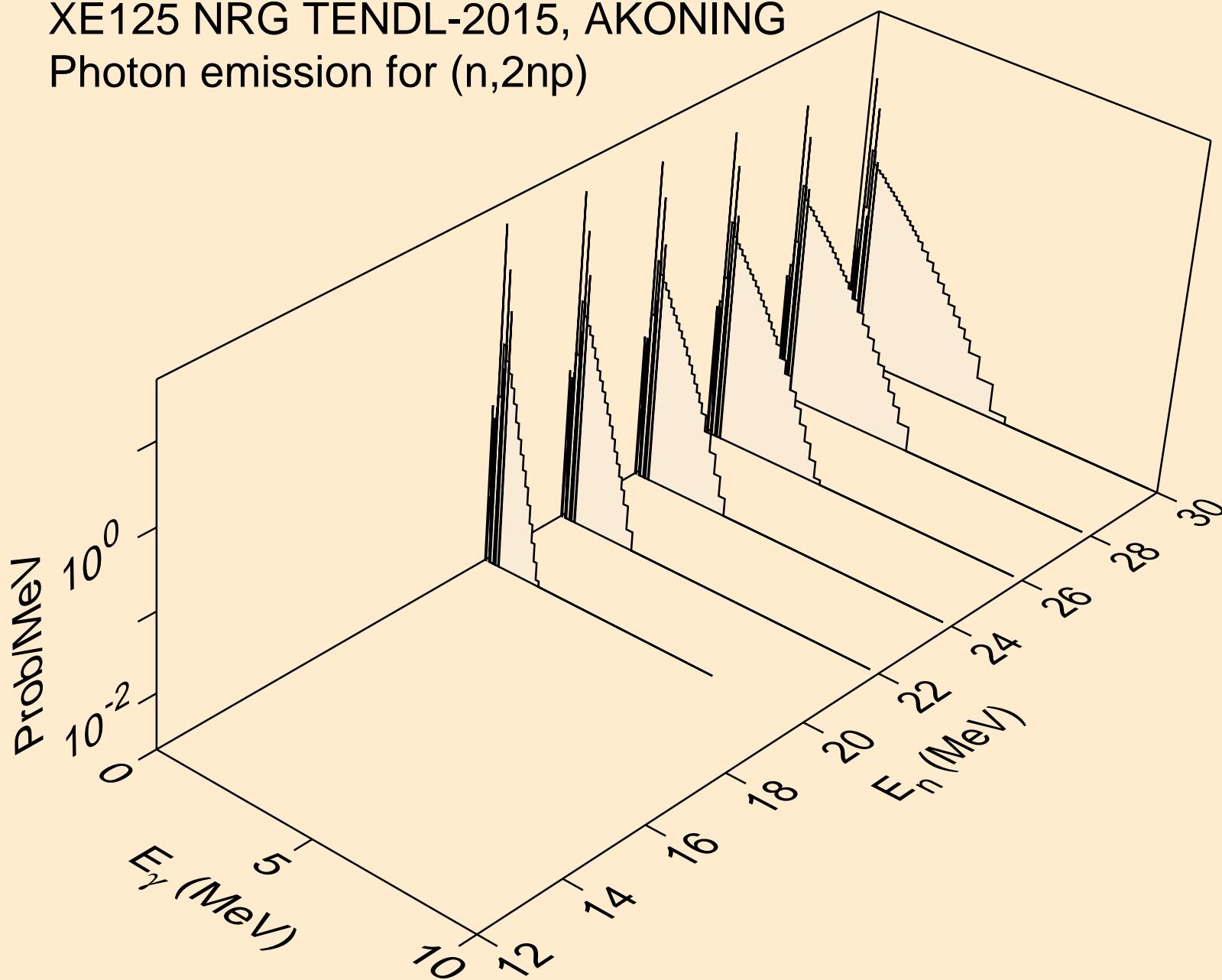
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Photon emission for (n,2np)



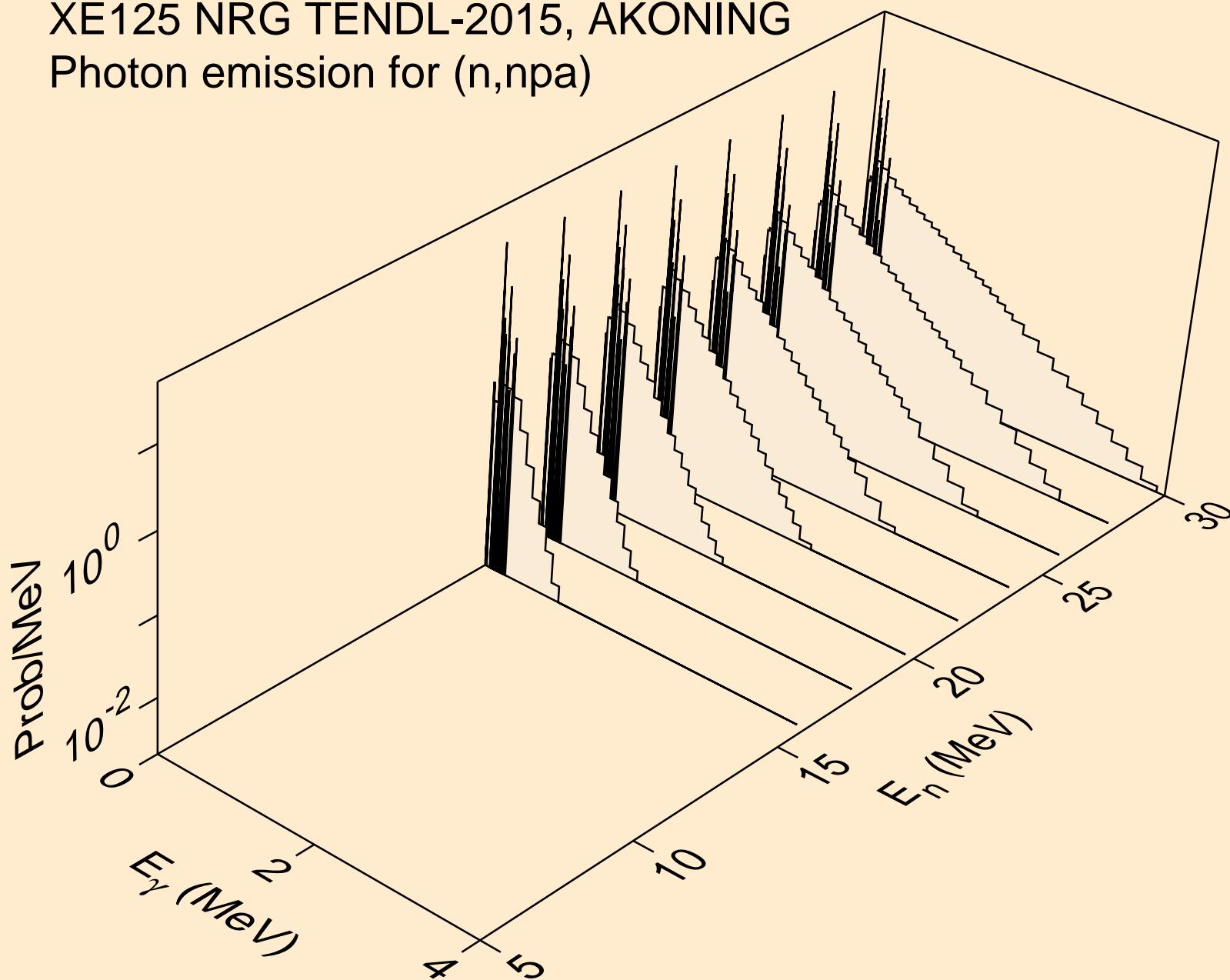
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Photon emission for (n,3np)



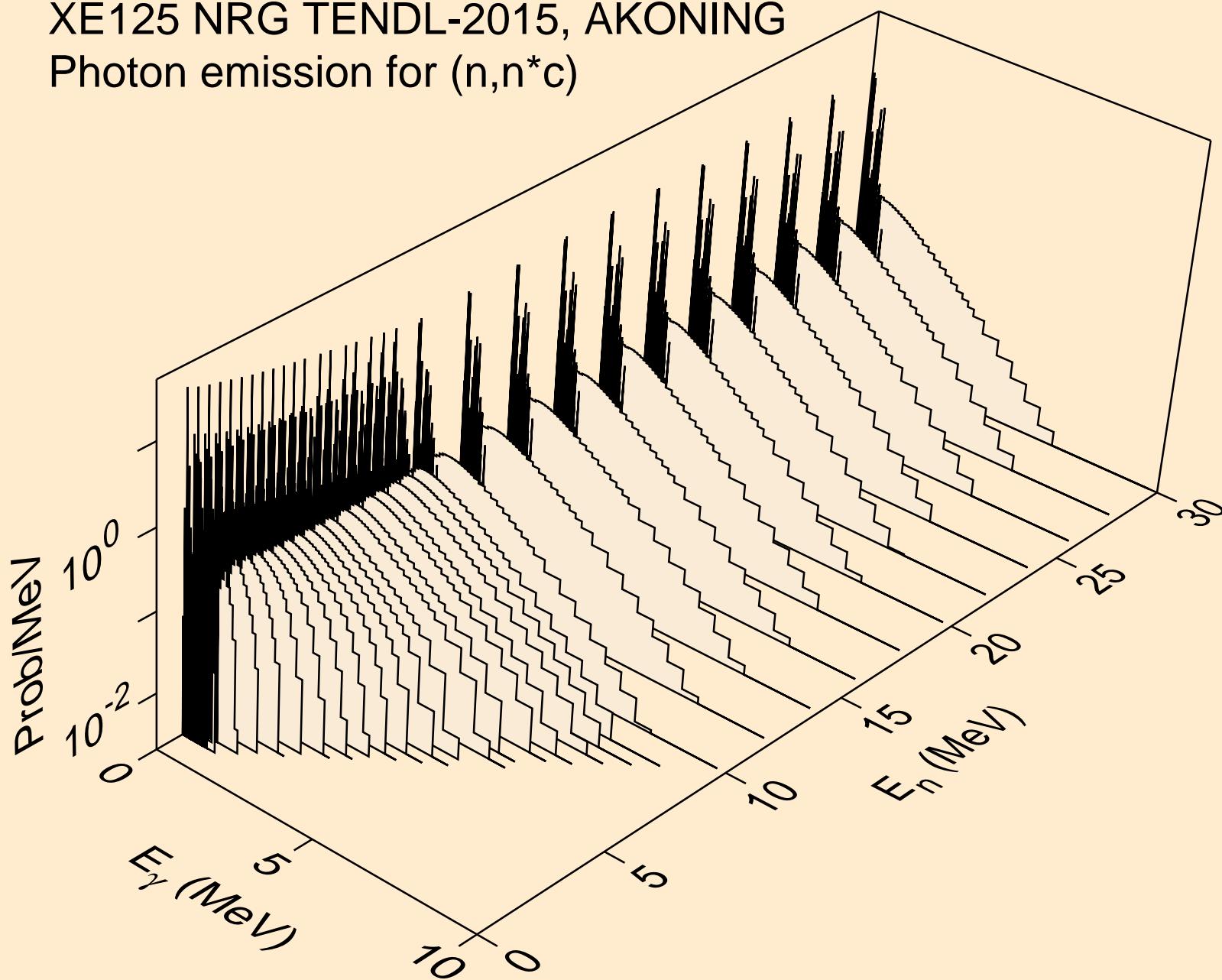
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Photon emission for (n,2np)



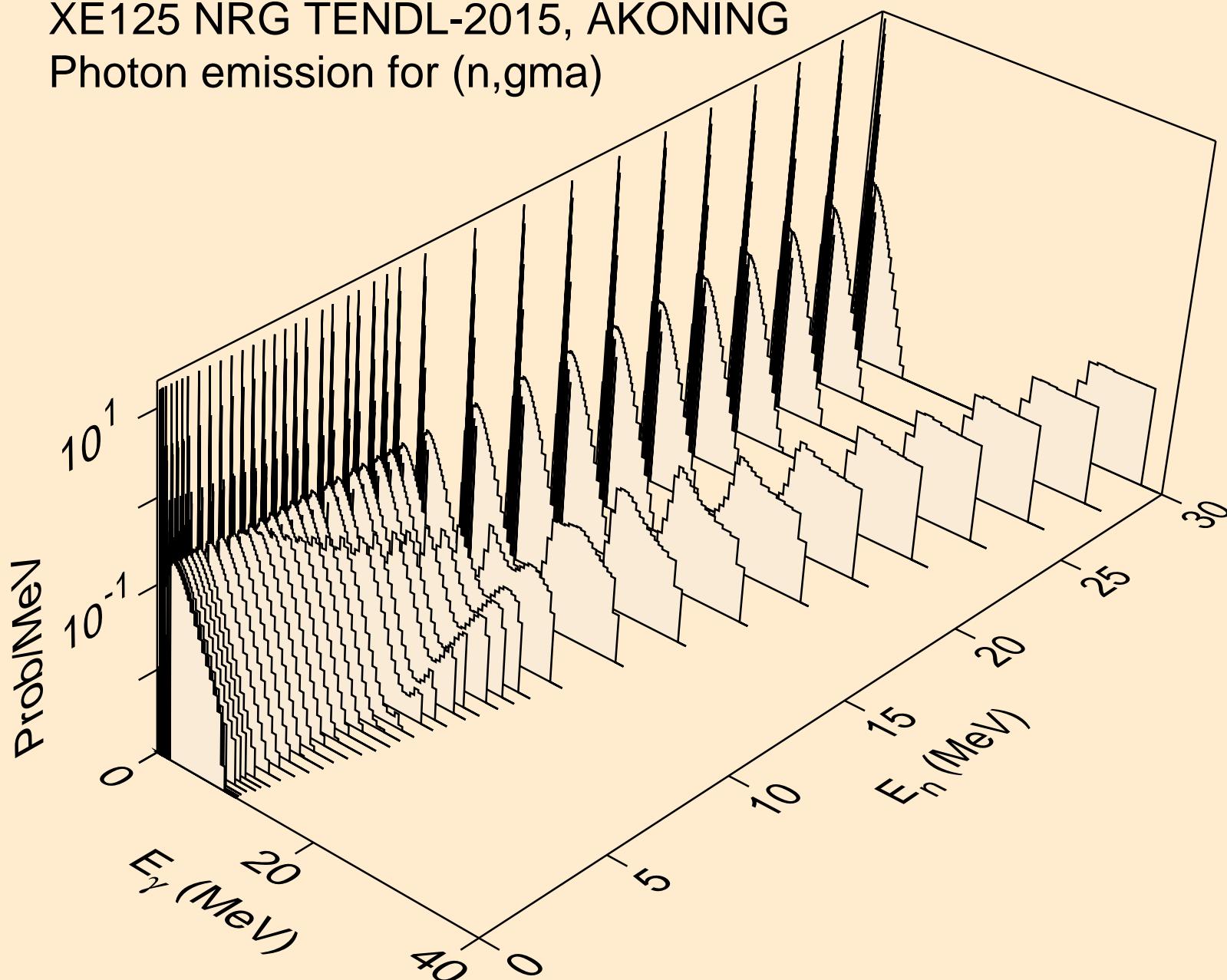
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Photon emission for (n,npa)



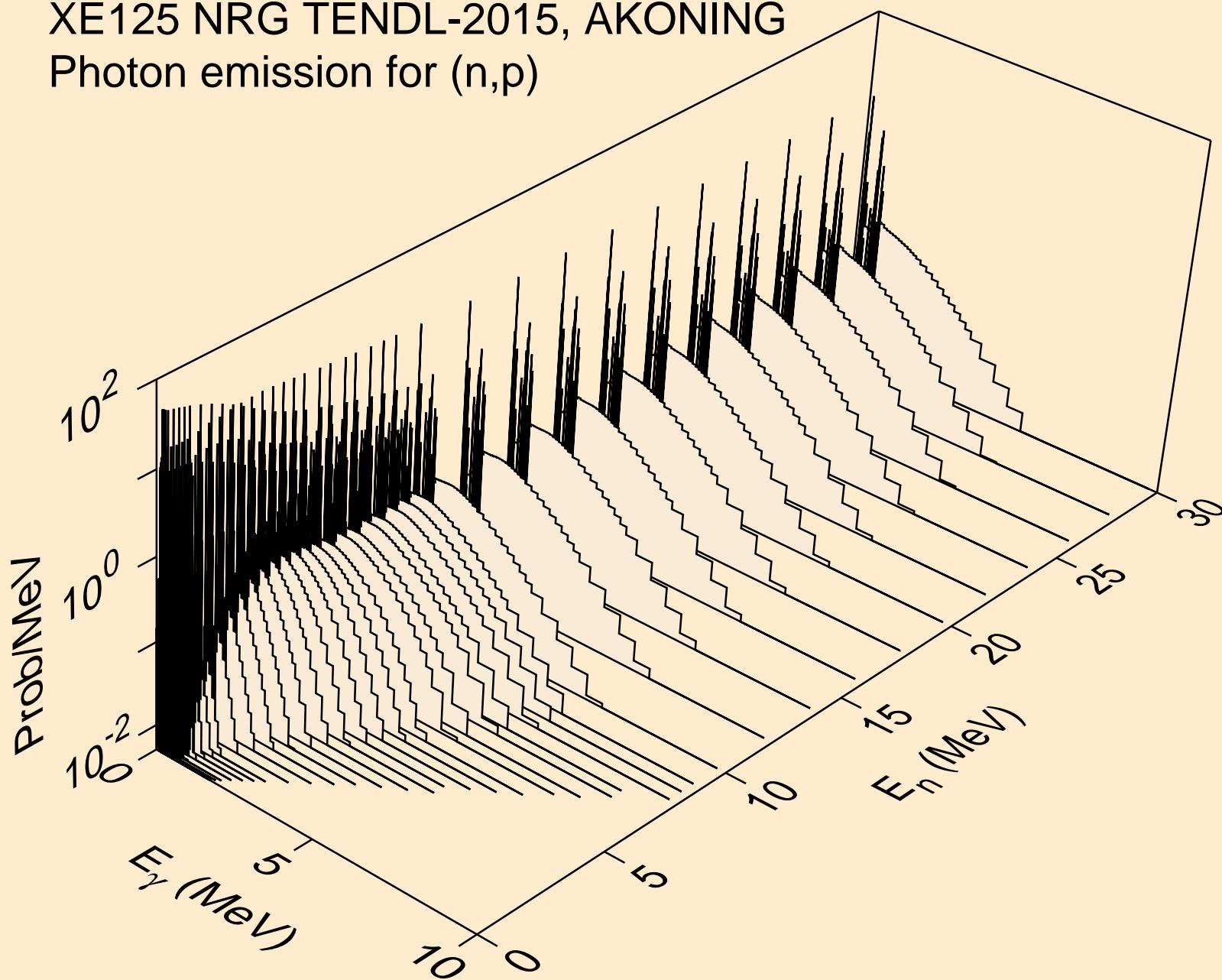
XE125 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



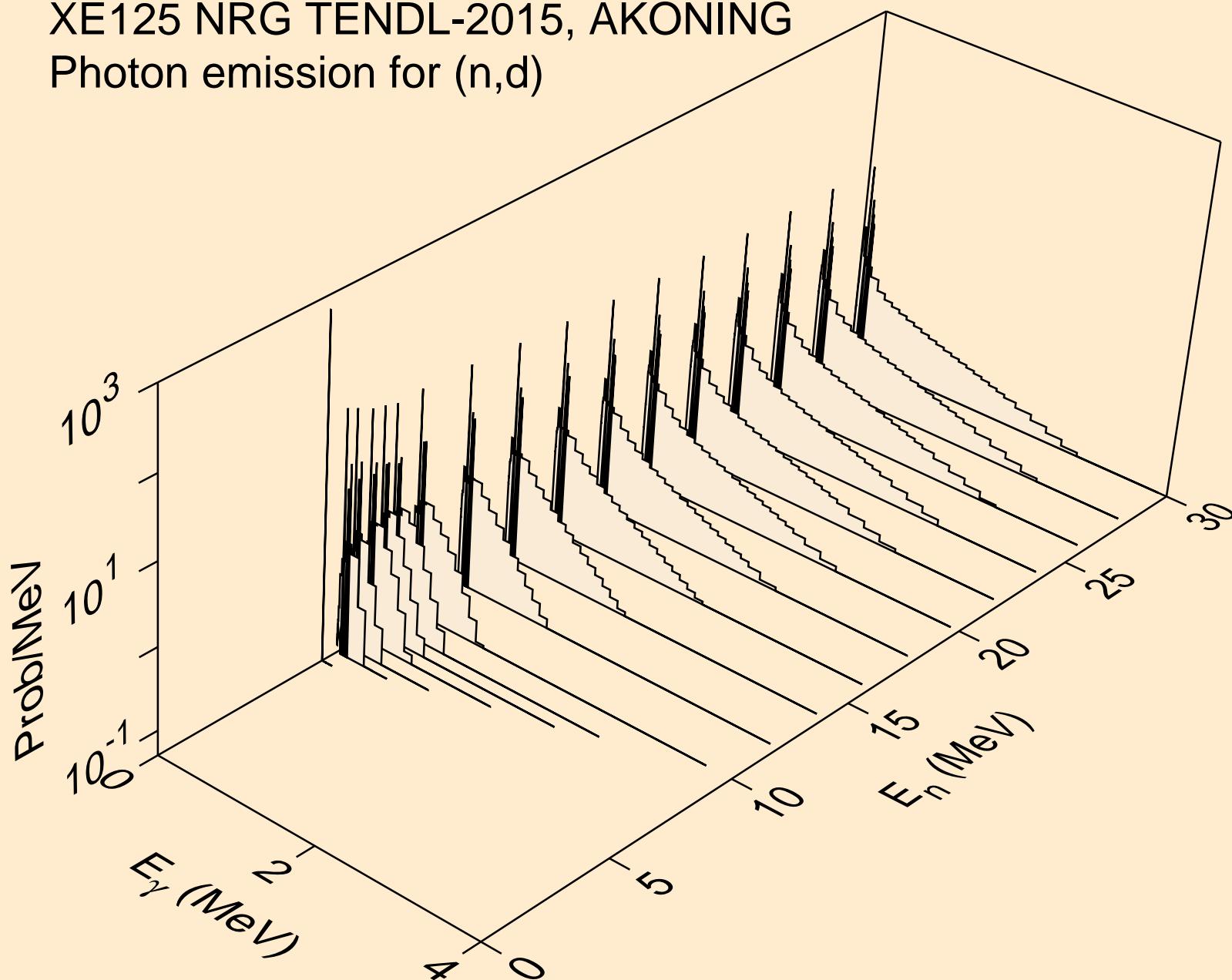
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Photon emission for (n,gma)



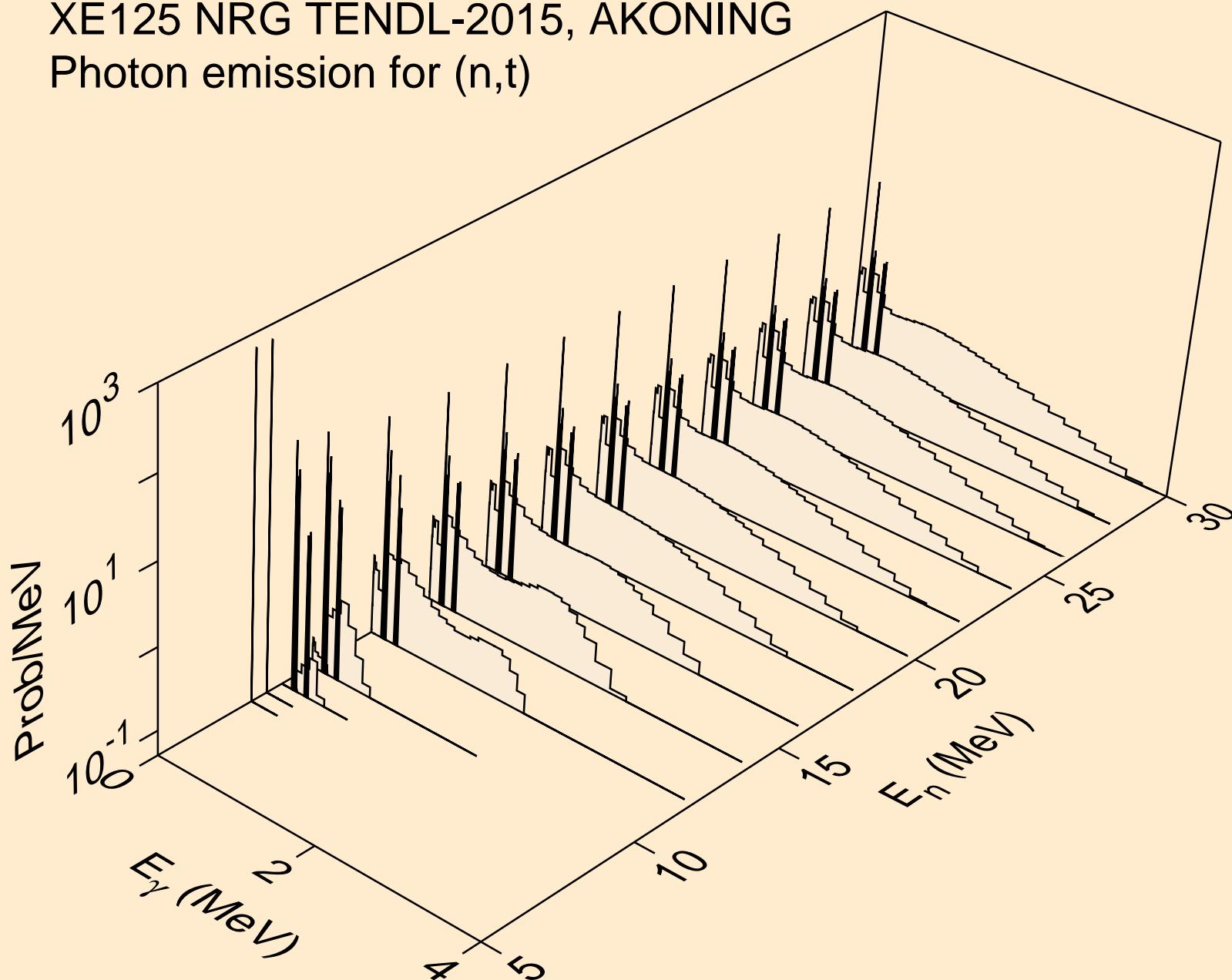
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Photon emission for (n,p)



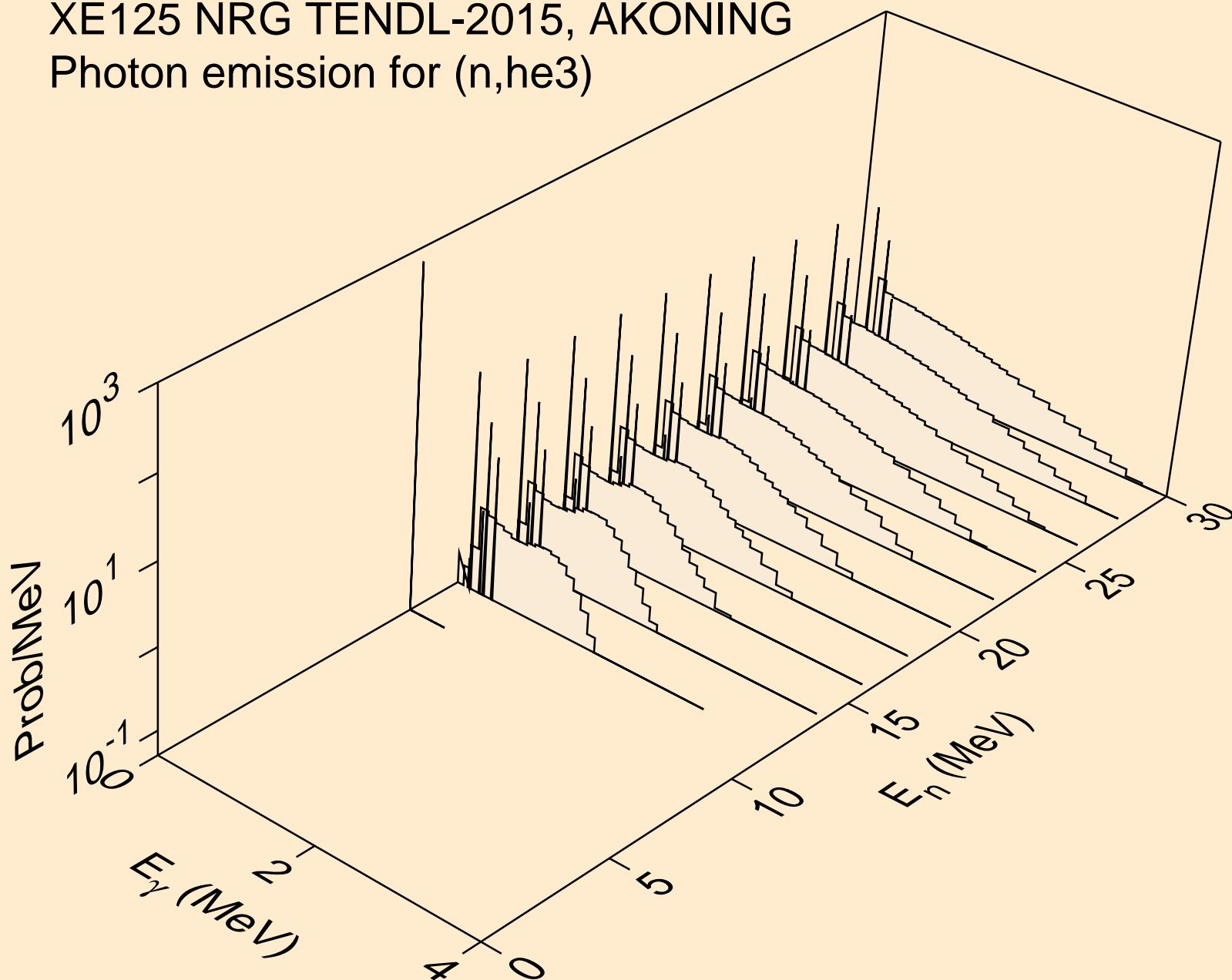
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Photon emission for (n,d)



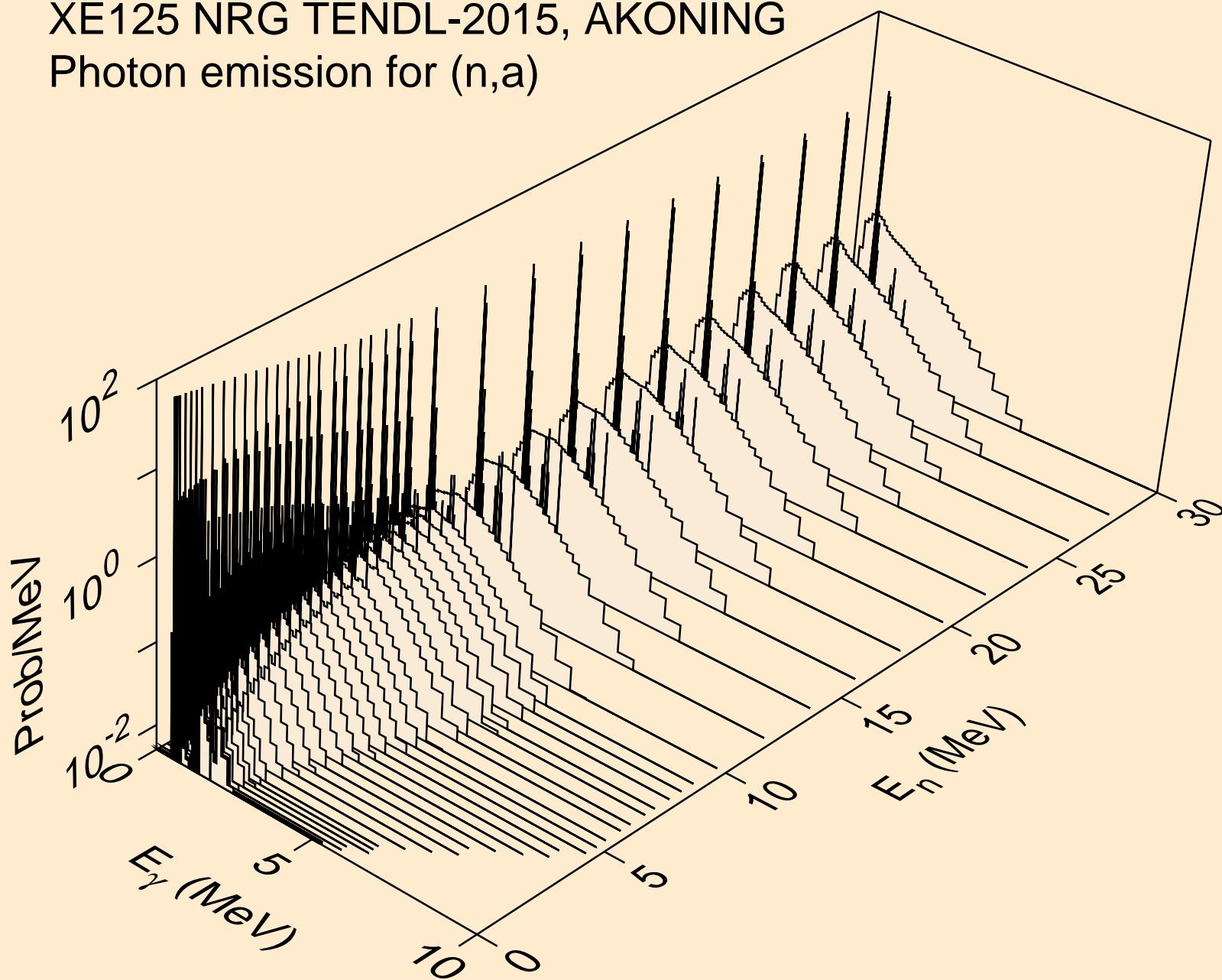
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Photon emission for (n,t)



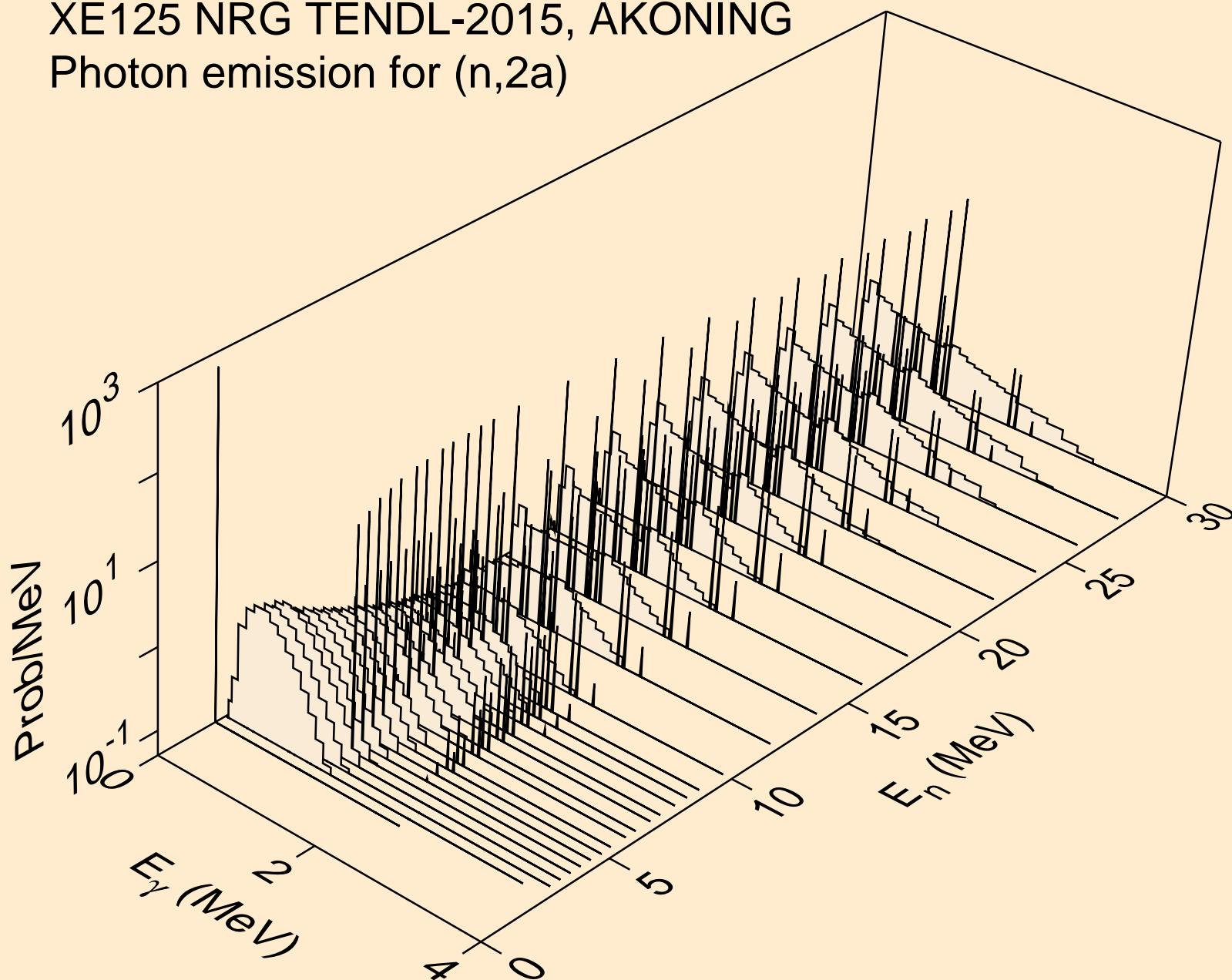
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Photon emission for (n,he3)



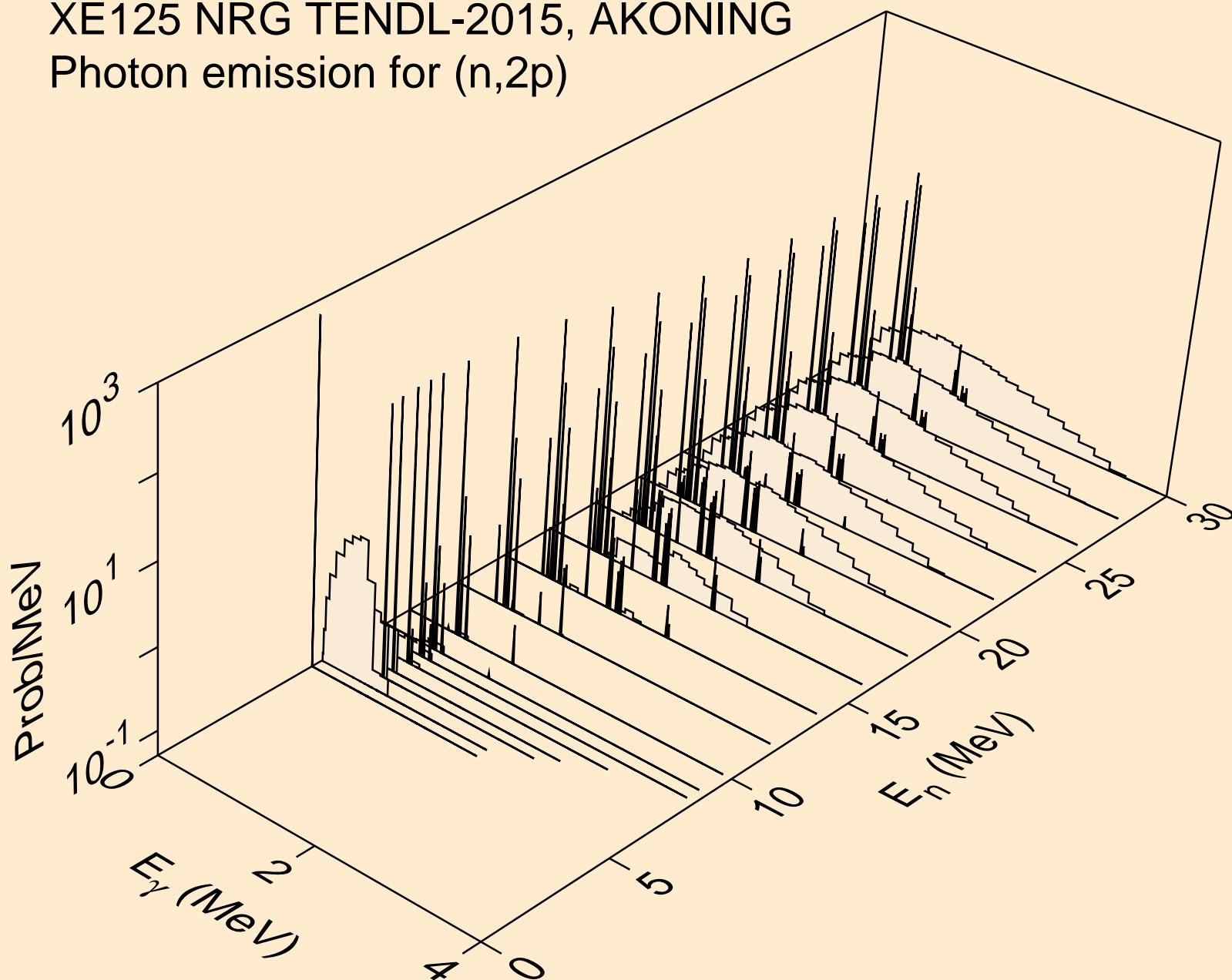
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Photon emission for (n,a)



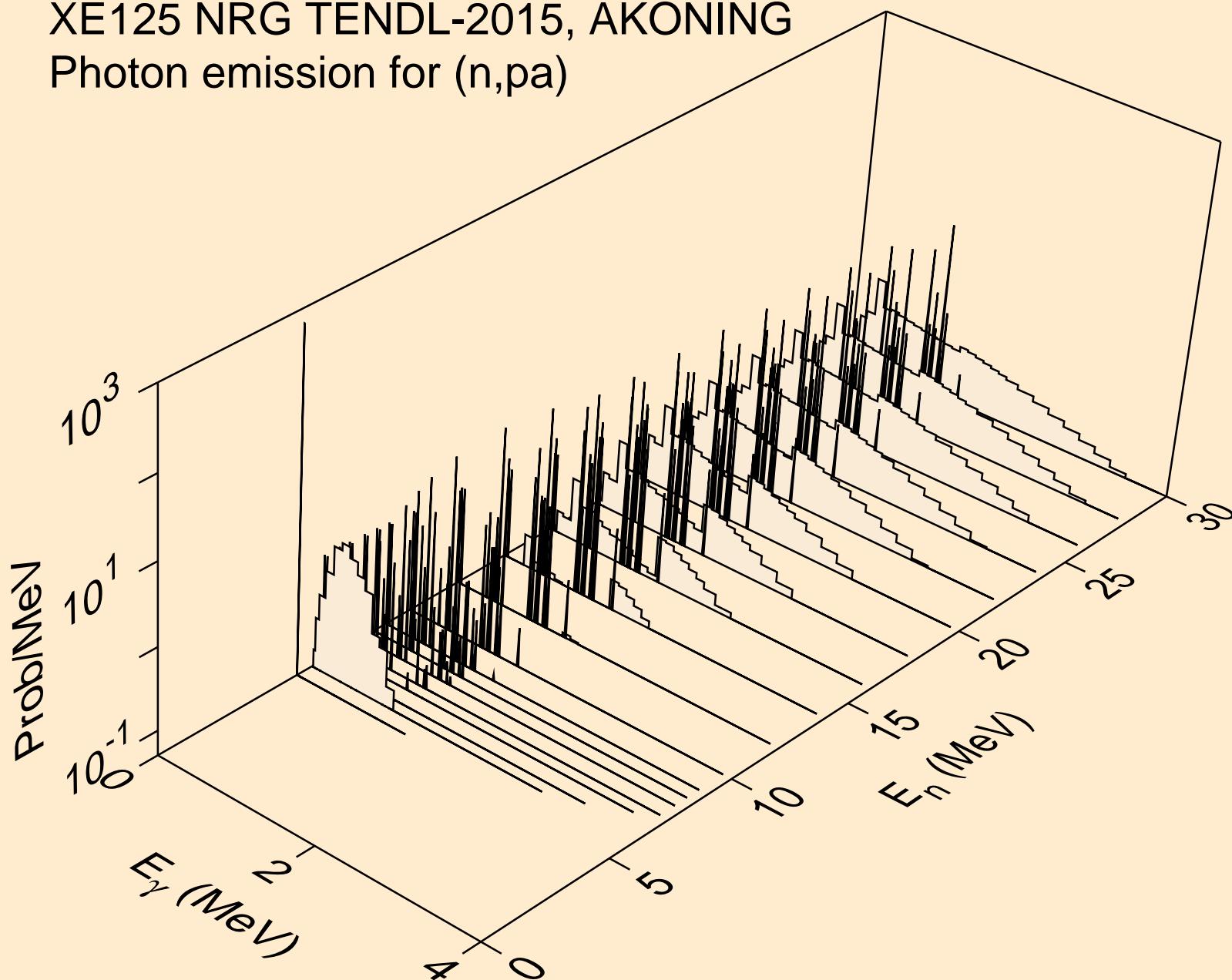
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Photon emission for (n,2a)



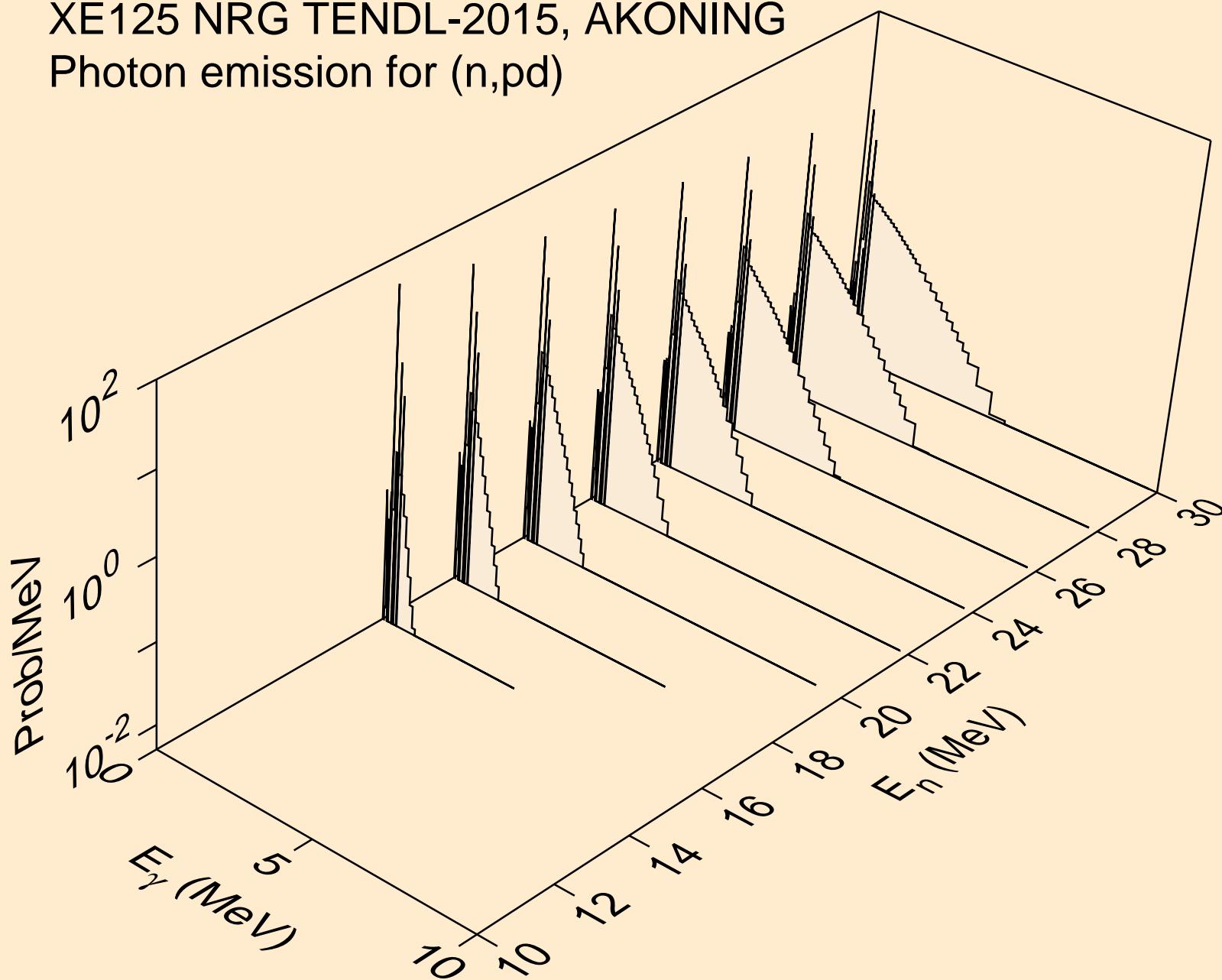
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Photon emission for (n,2p)



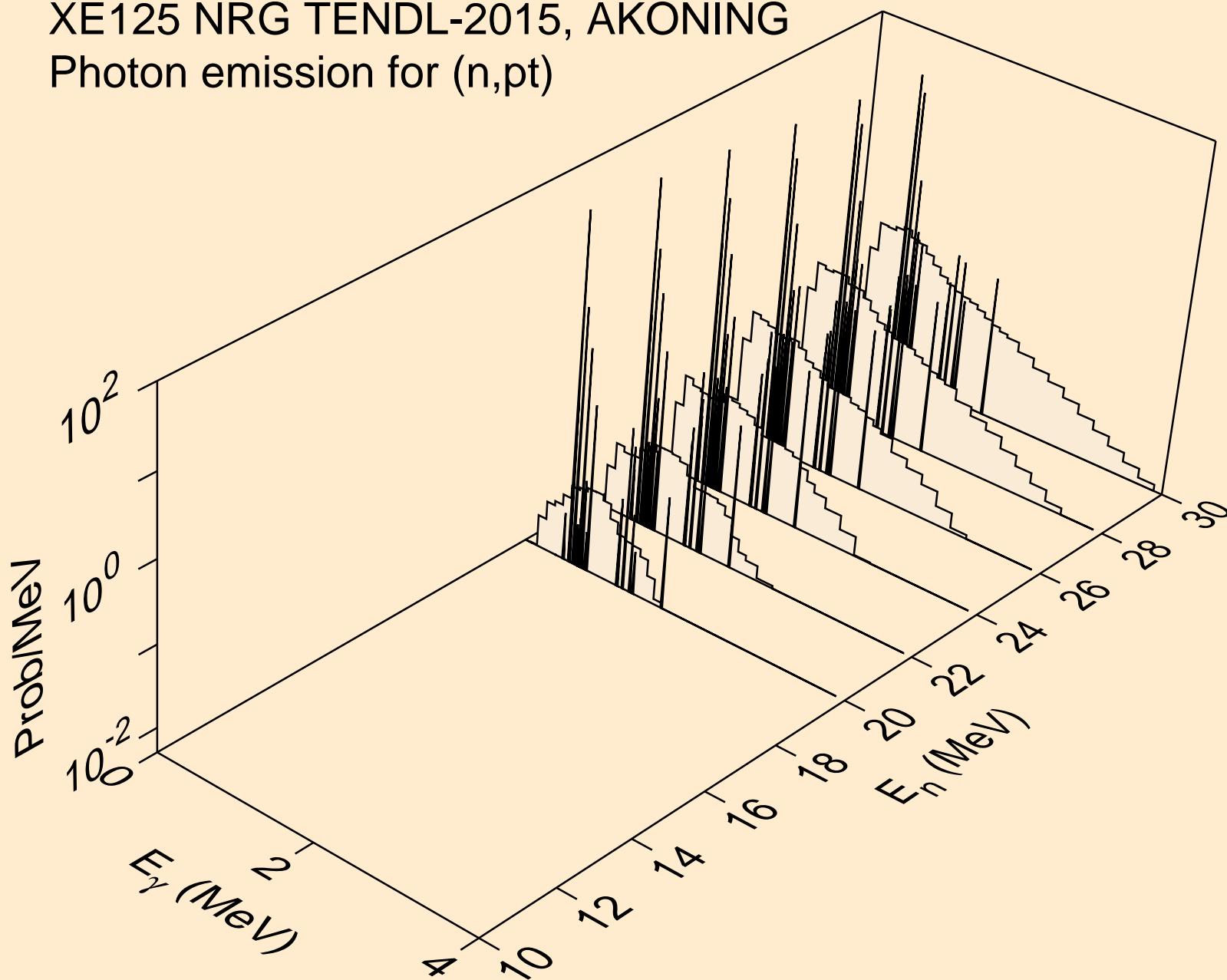
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Photon emission for (n,pa)



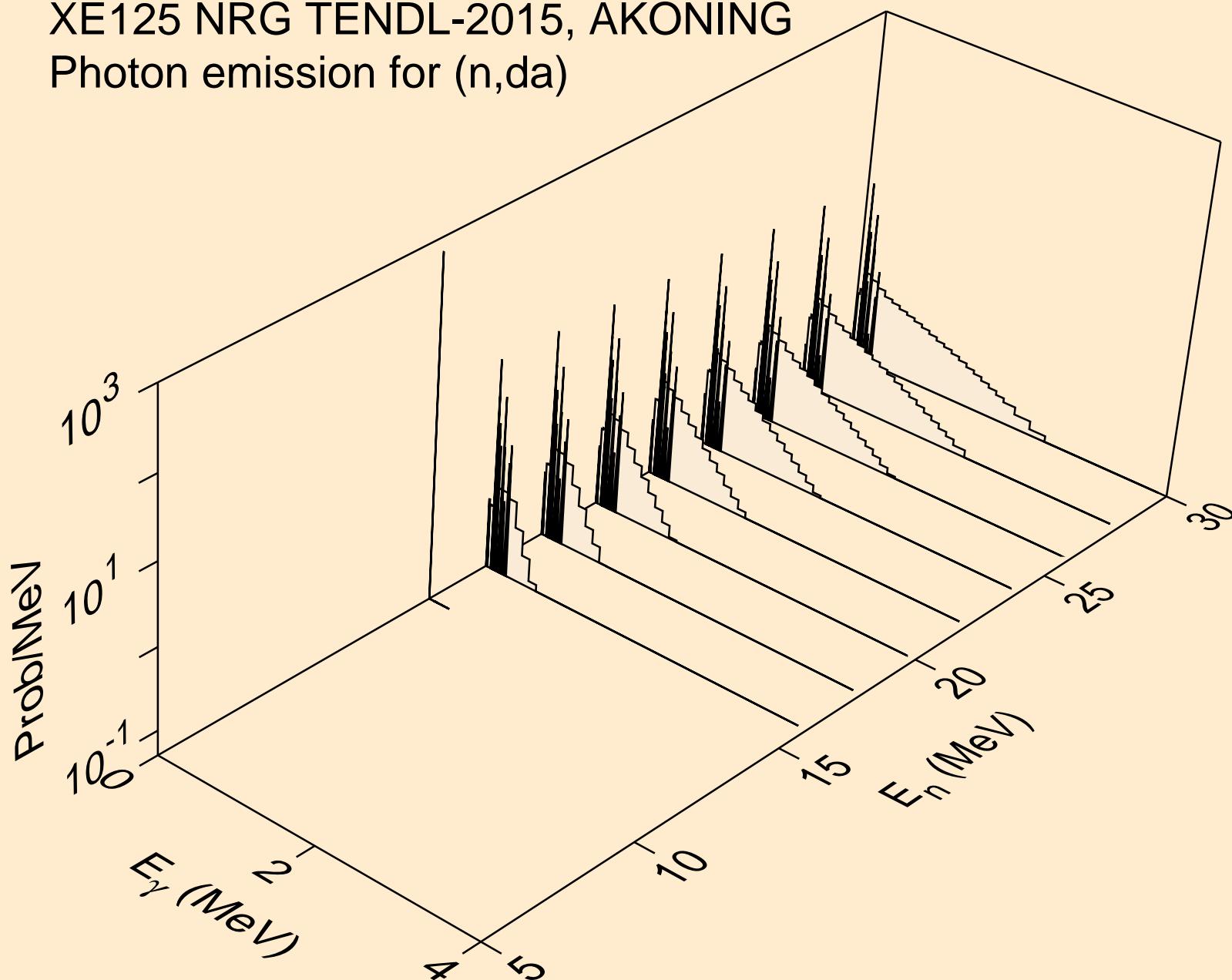
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Photon emission for (n,pd)



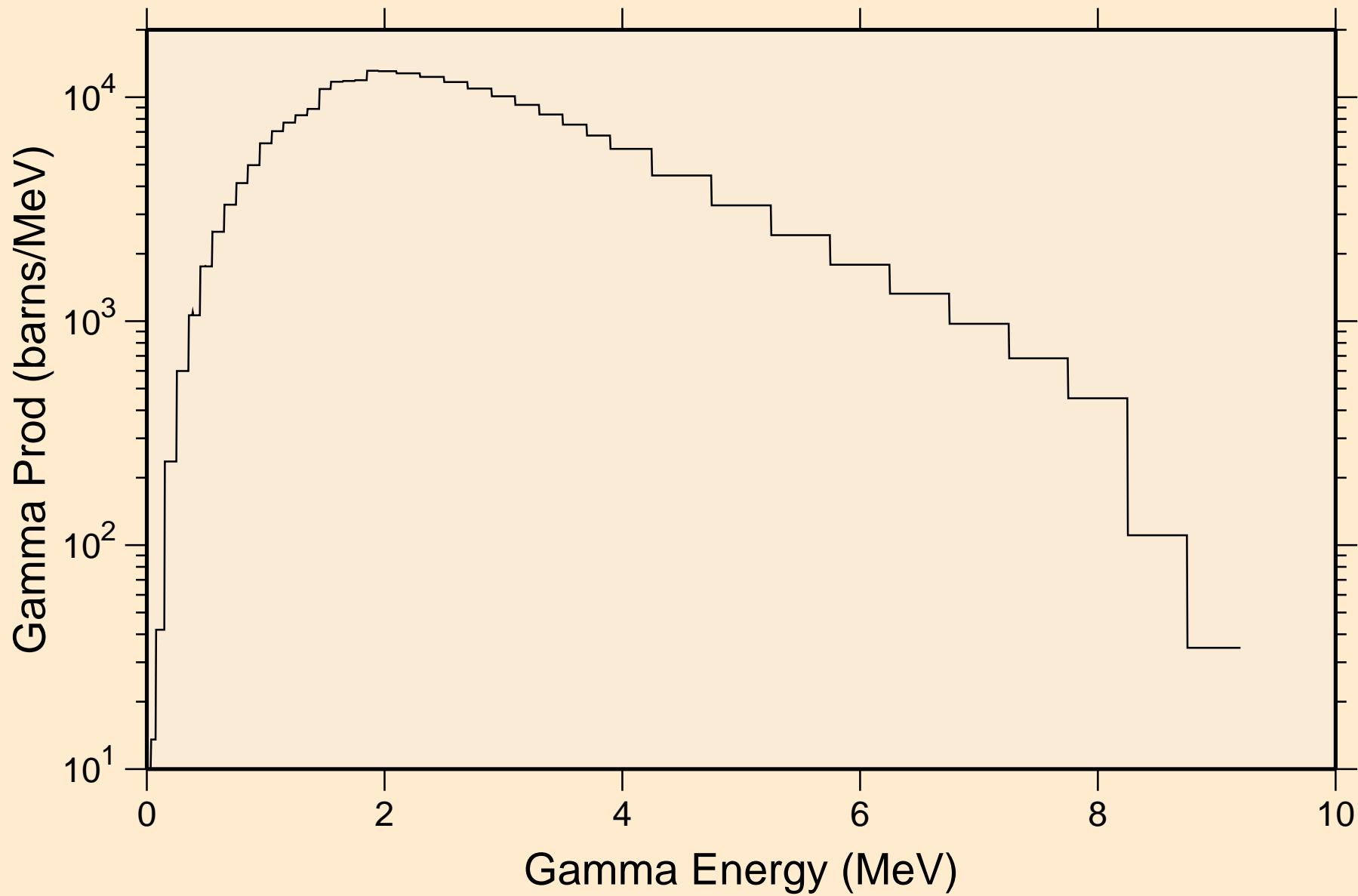
XE125 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



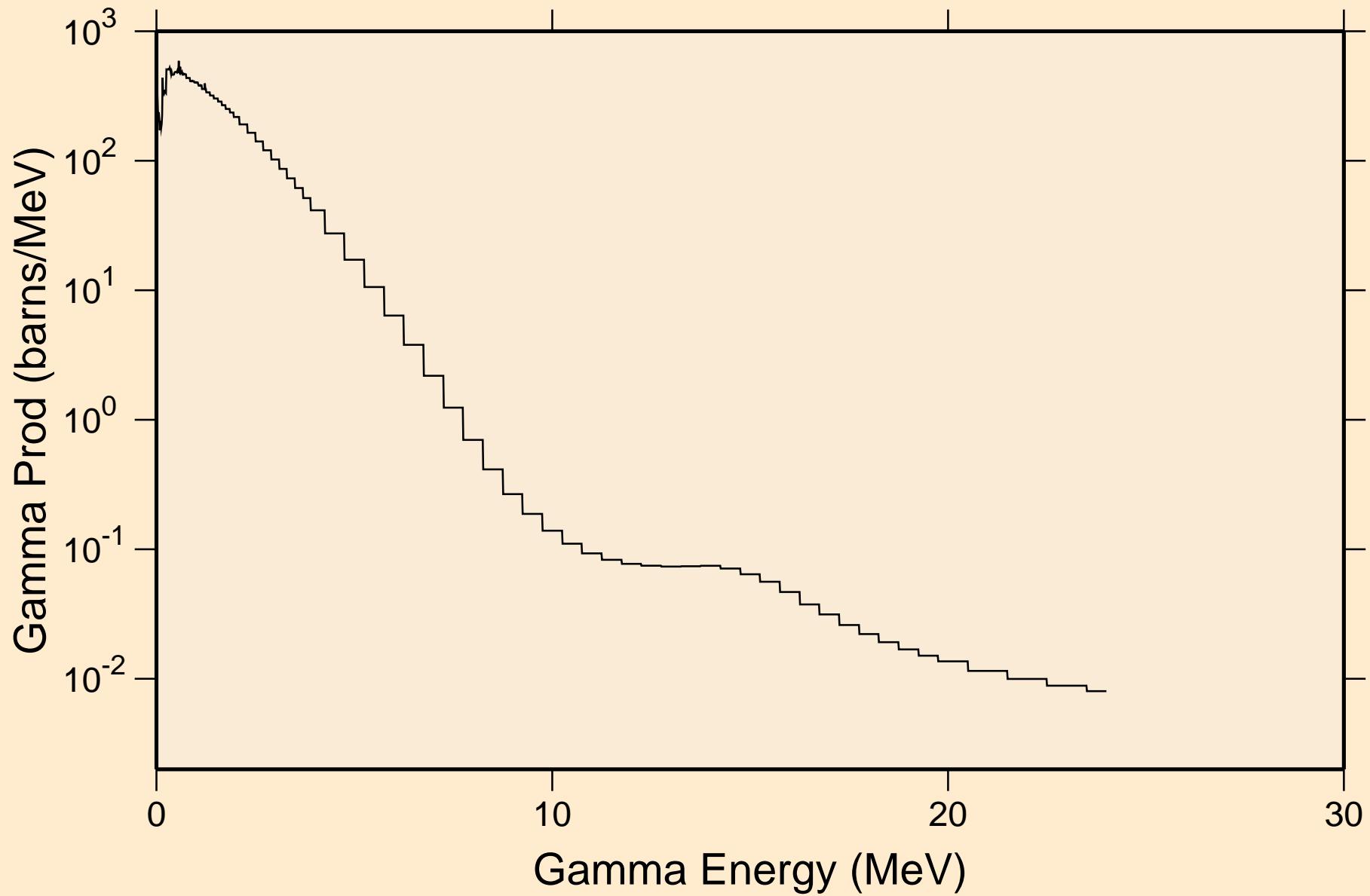
XE125 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



XE125 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

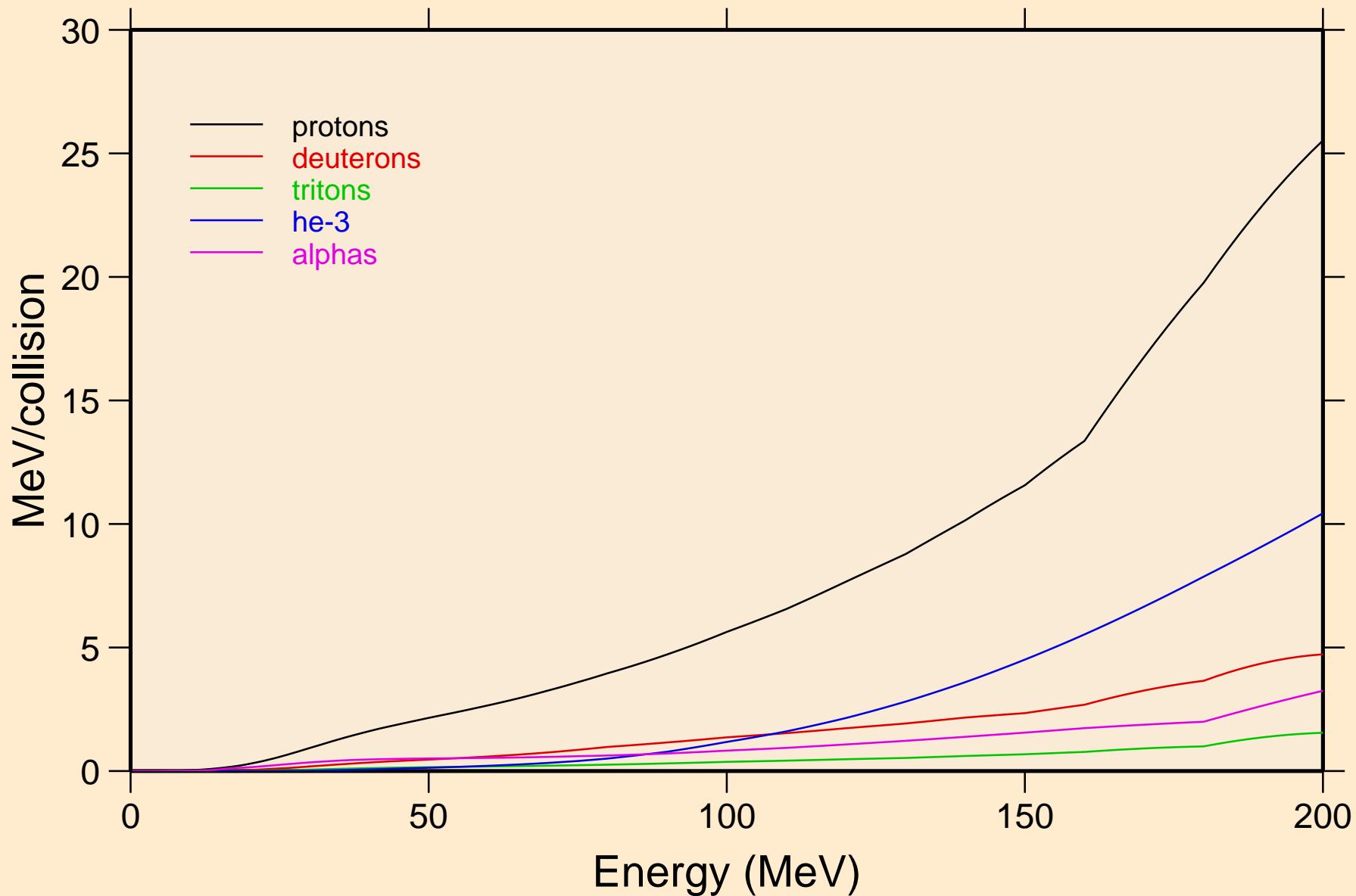


XE125 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



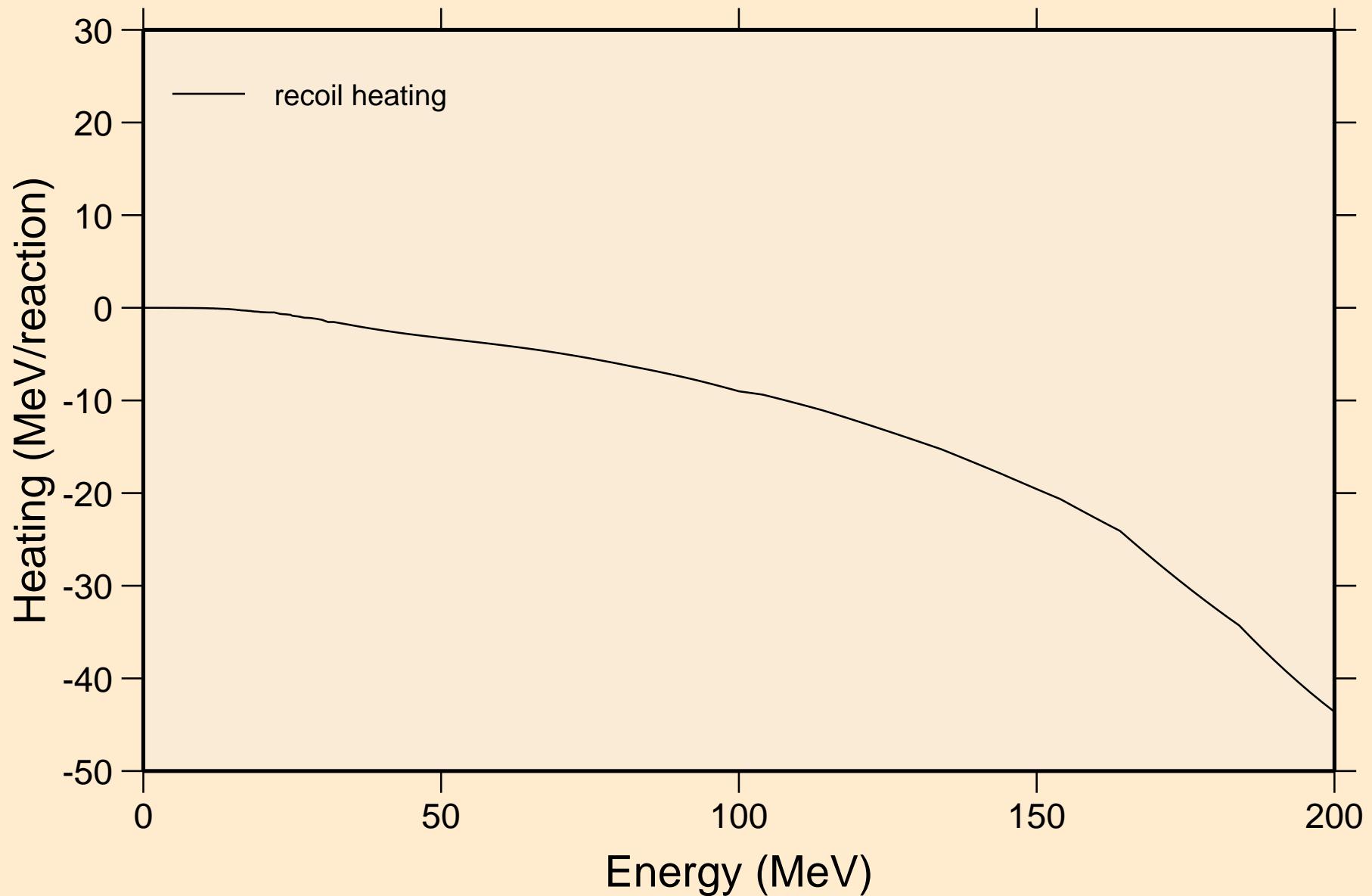
# XE125 NRG TENDL-2015, AKONING

## Particle heating contributions

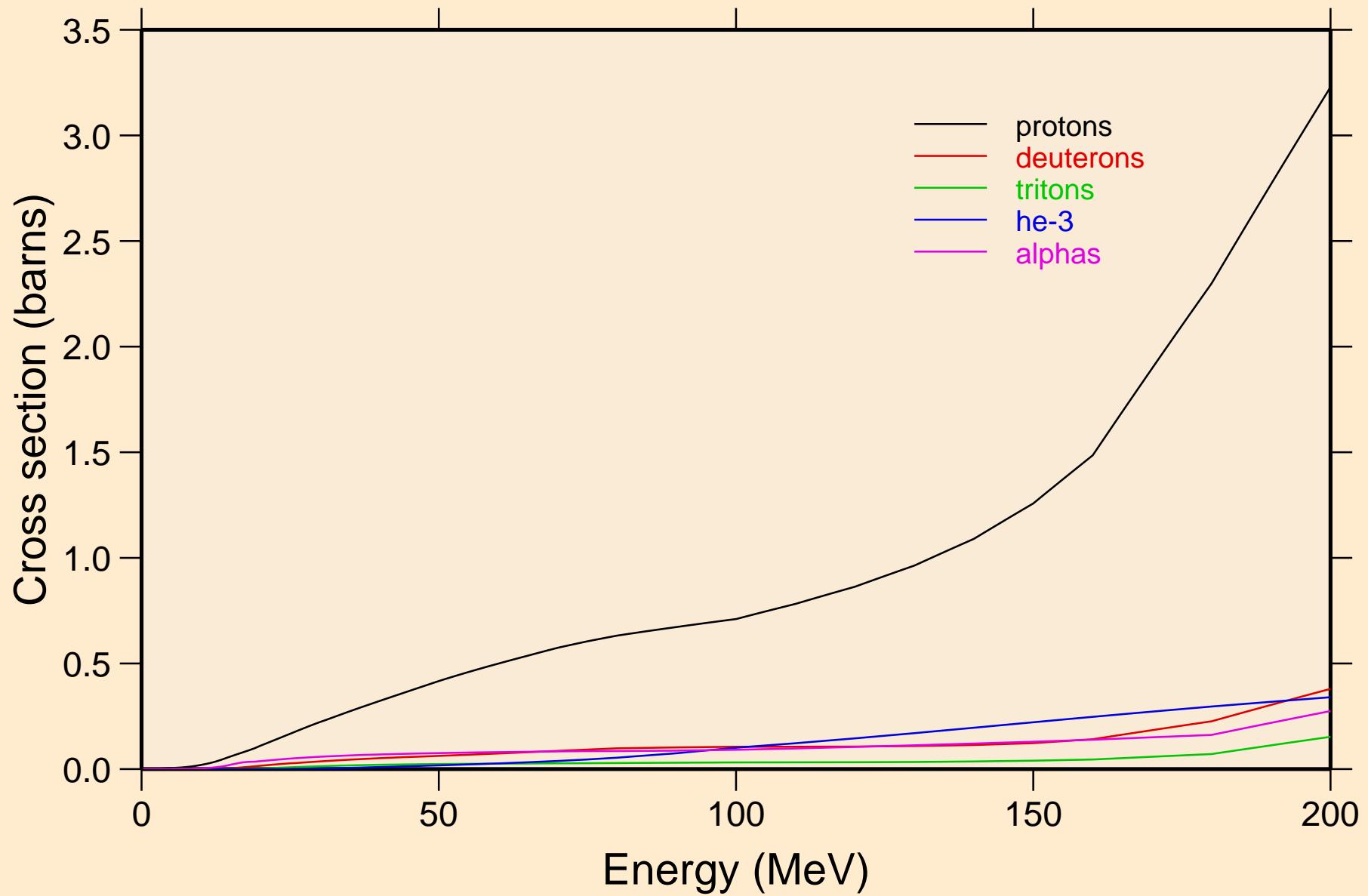


# XE125 NRG TENDL-2015, AKONING

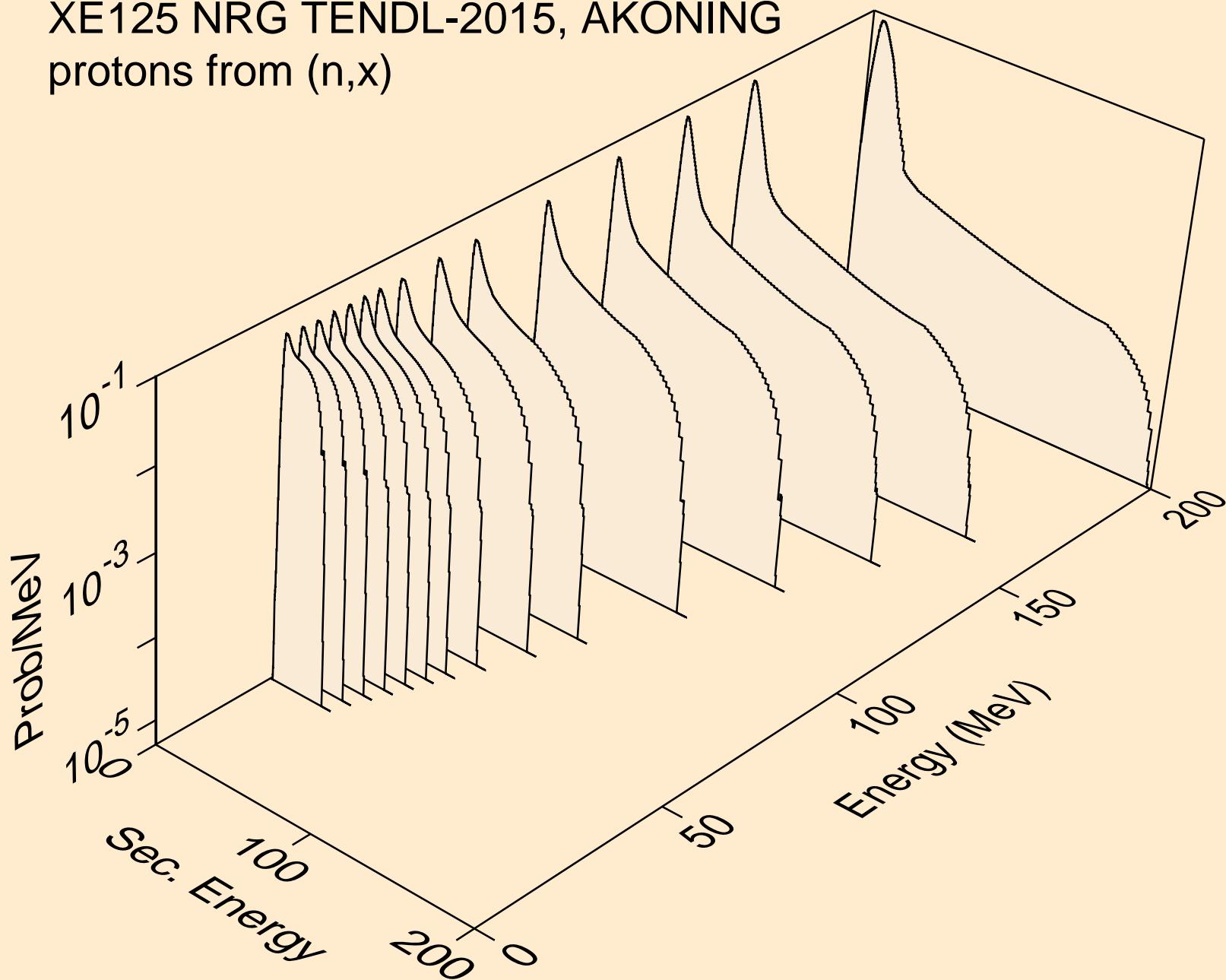
## Recoil Heating



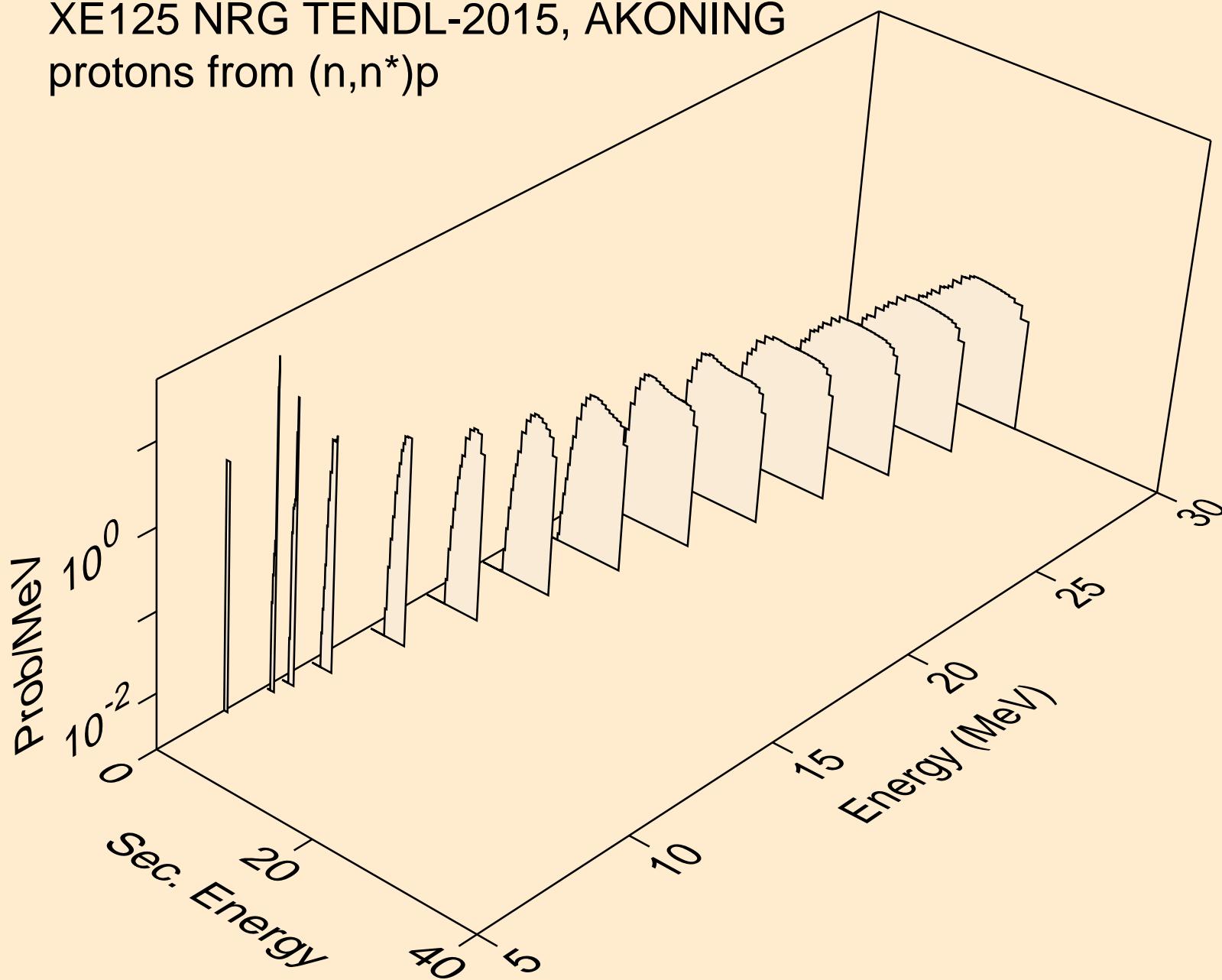
XE125 NRG TENDL-2015, AKONING  
Particle production cross sections



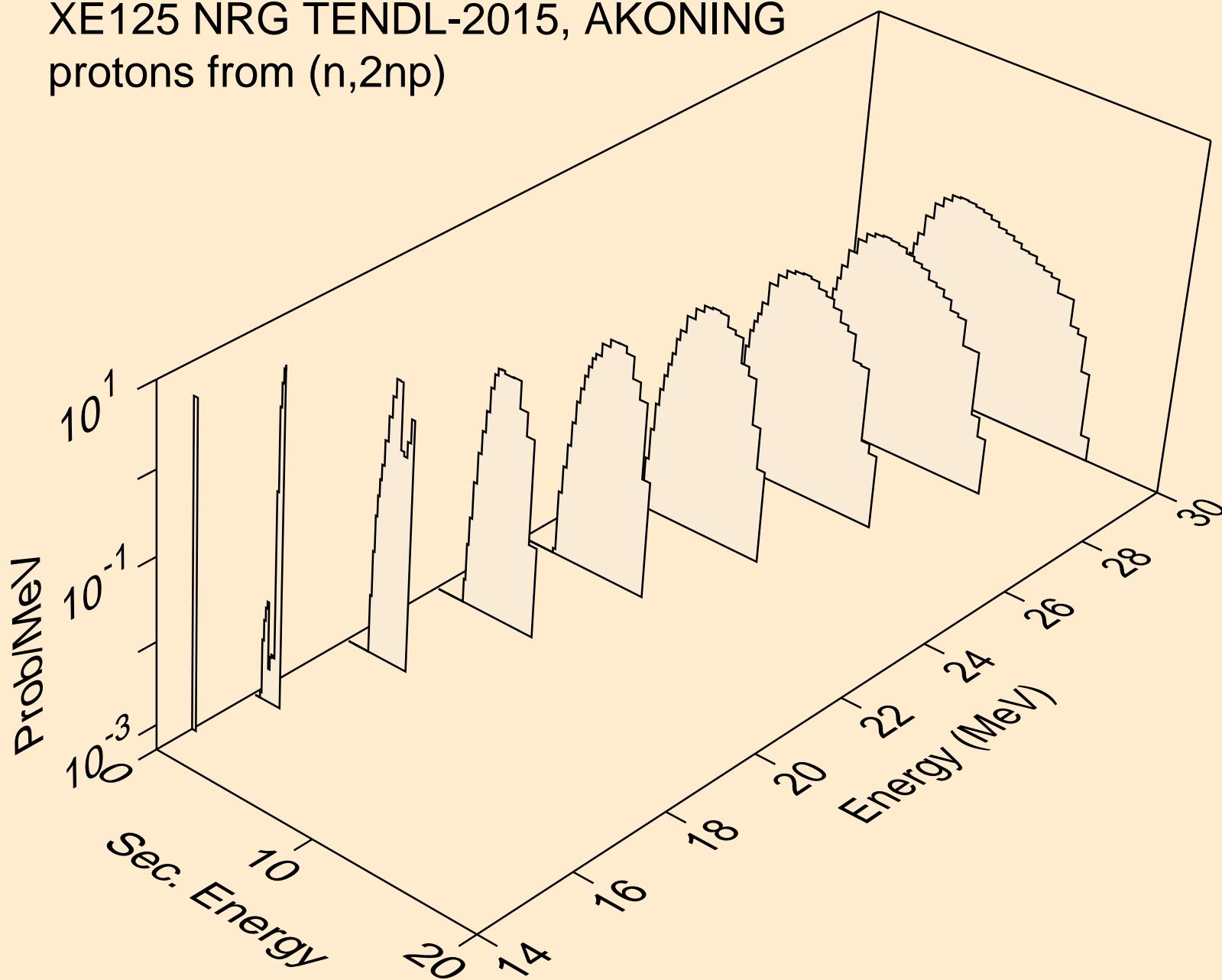
XE125 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



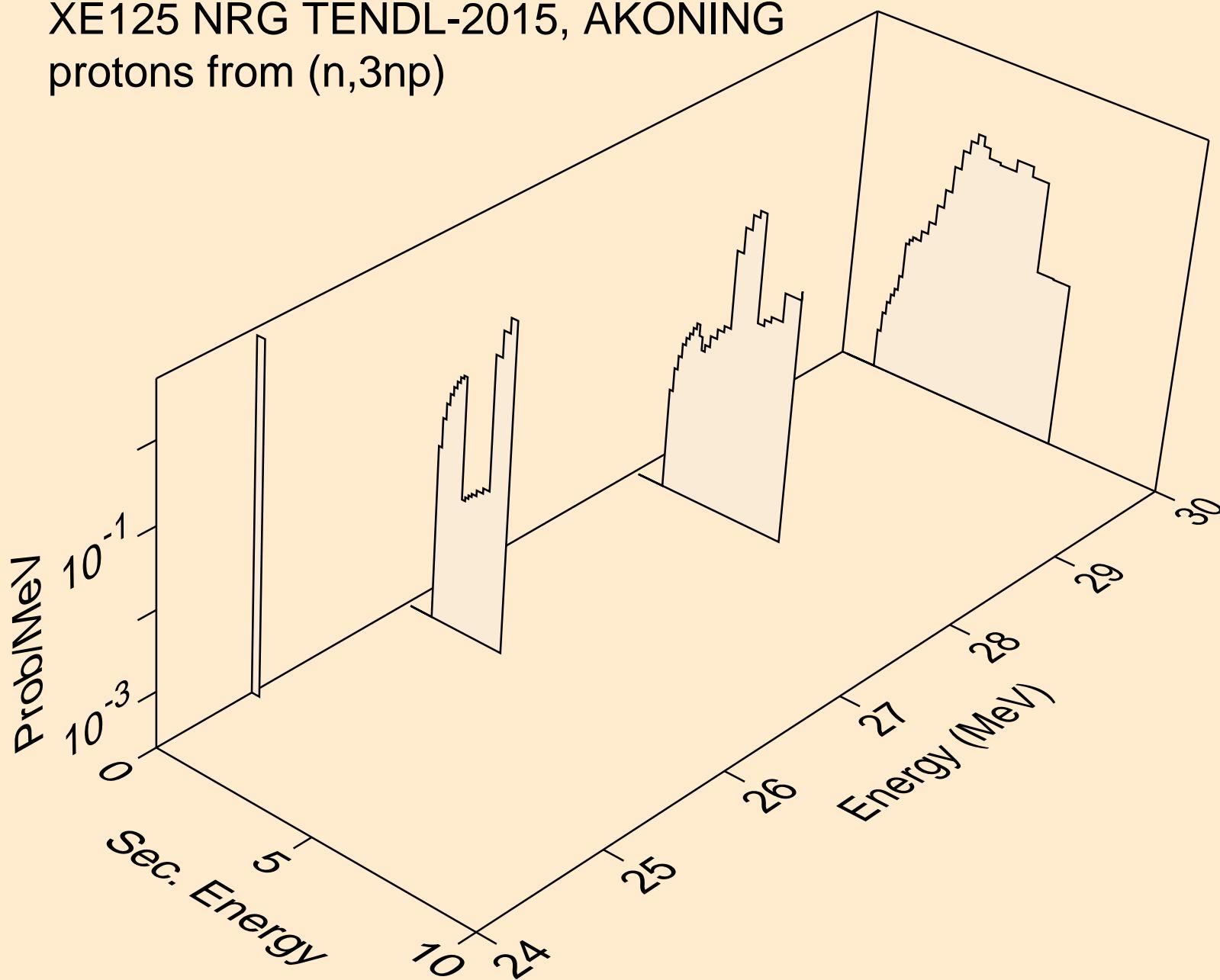
XE125 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



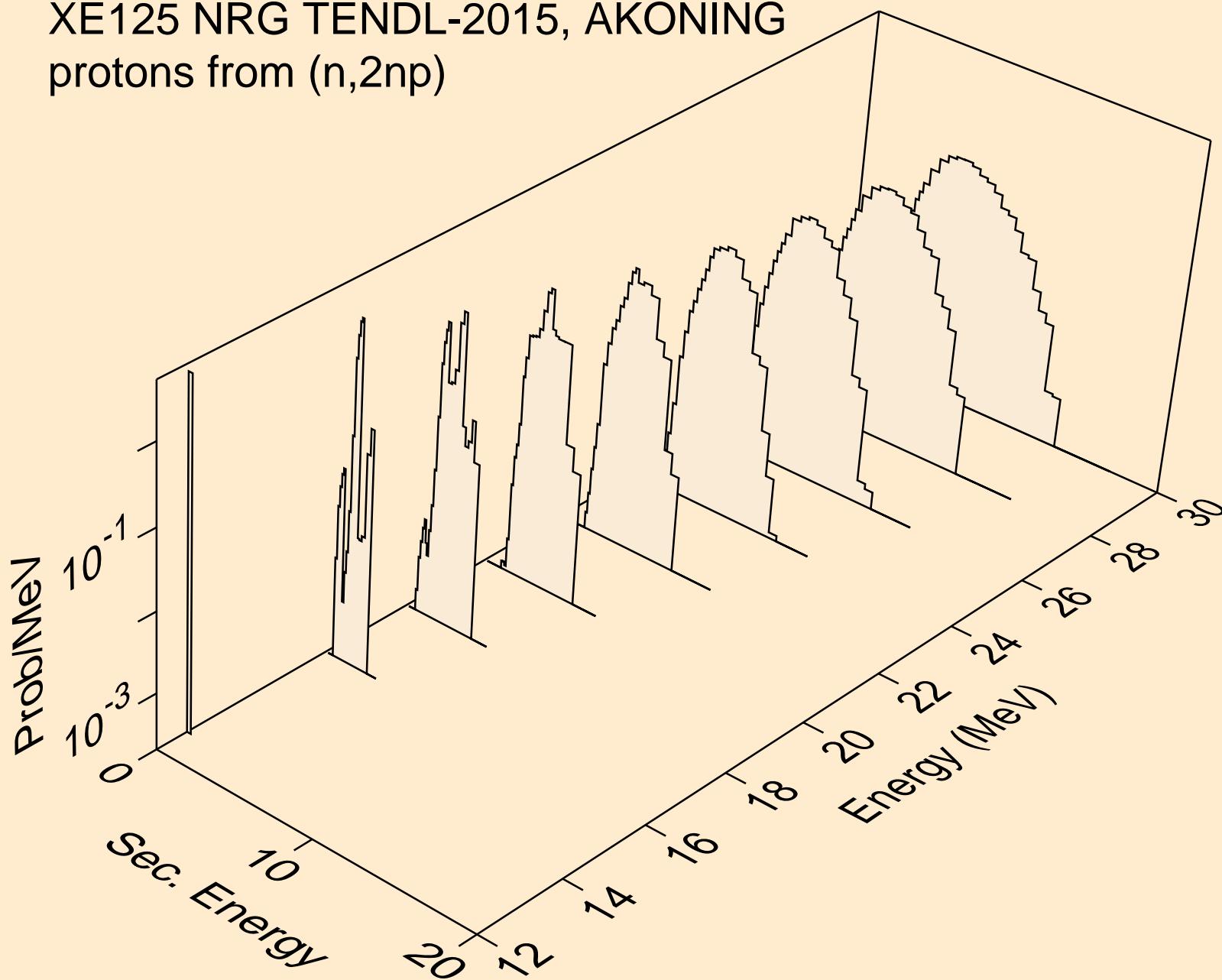
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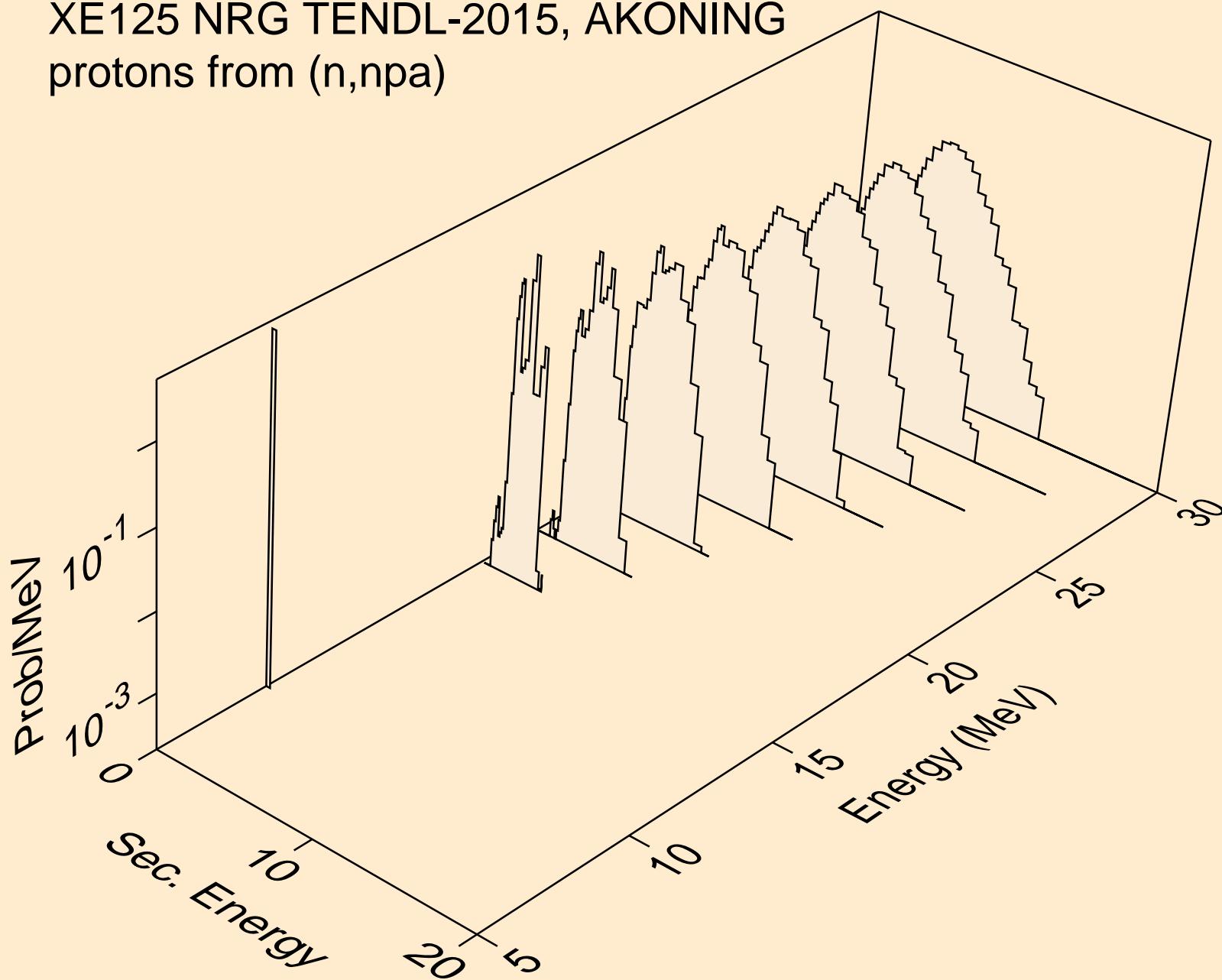
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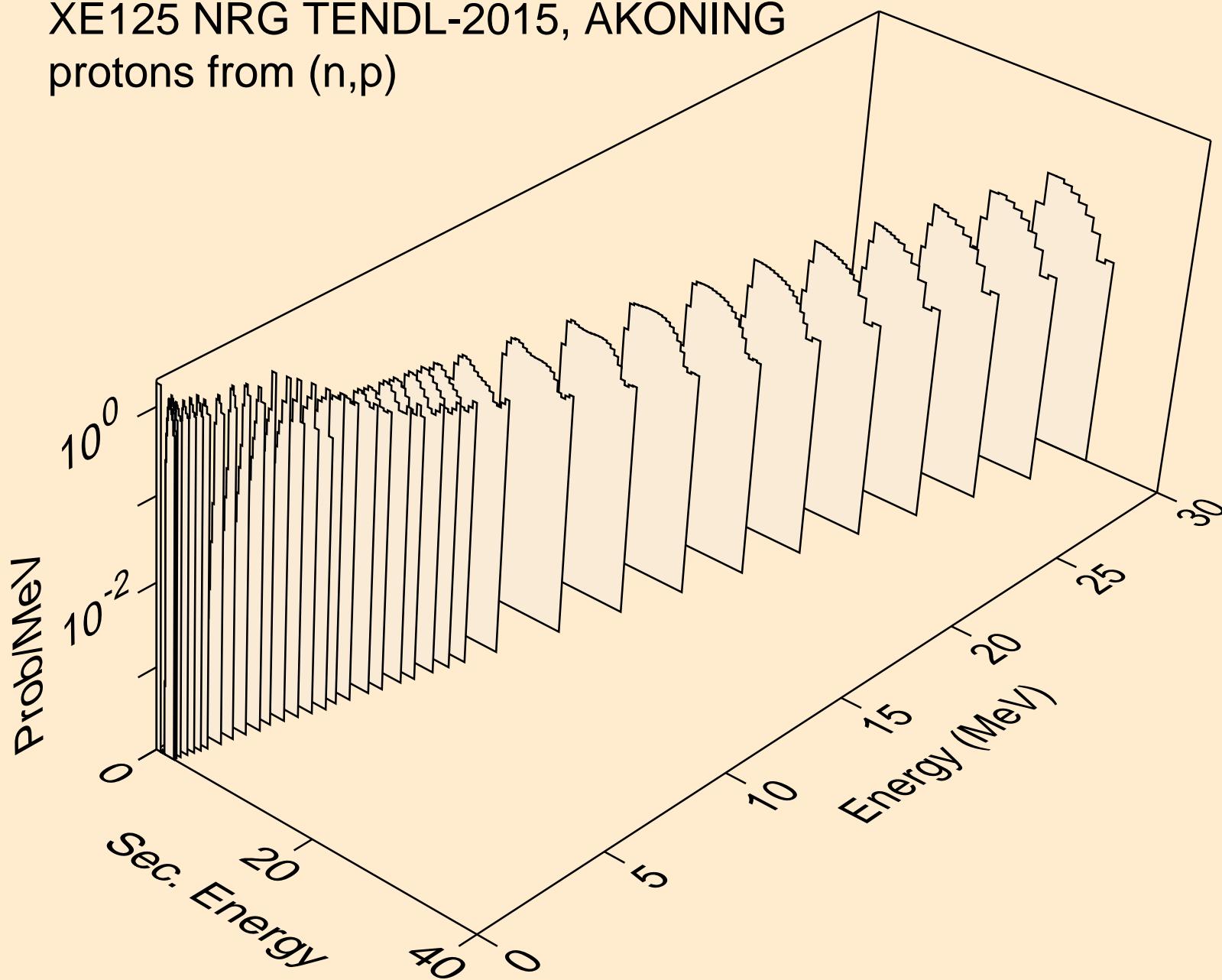
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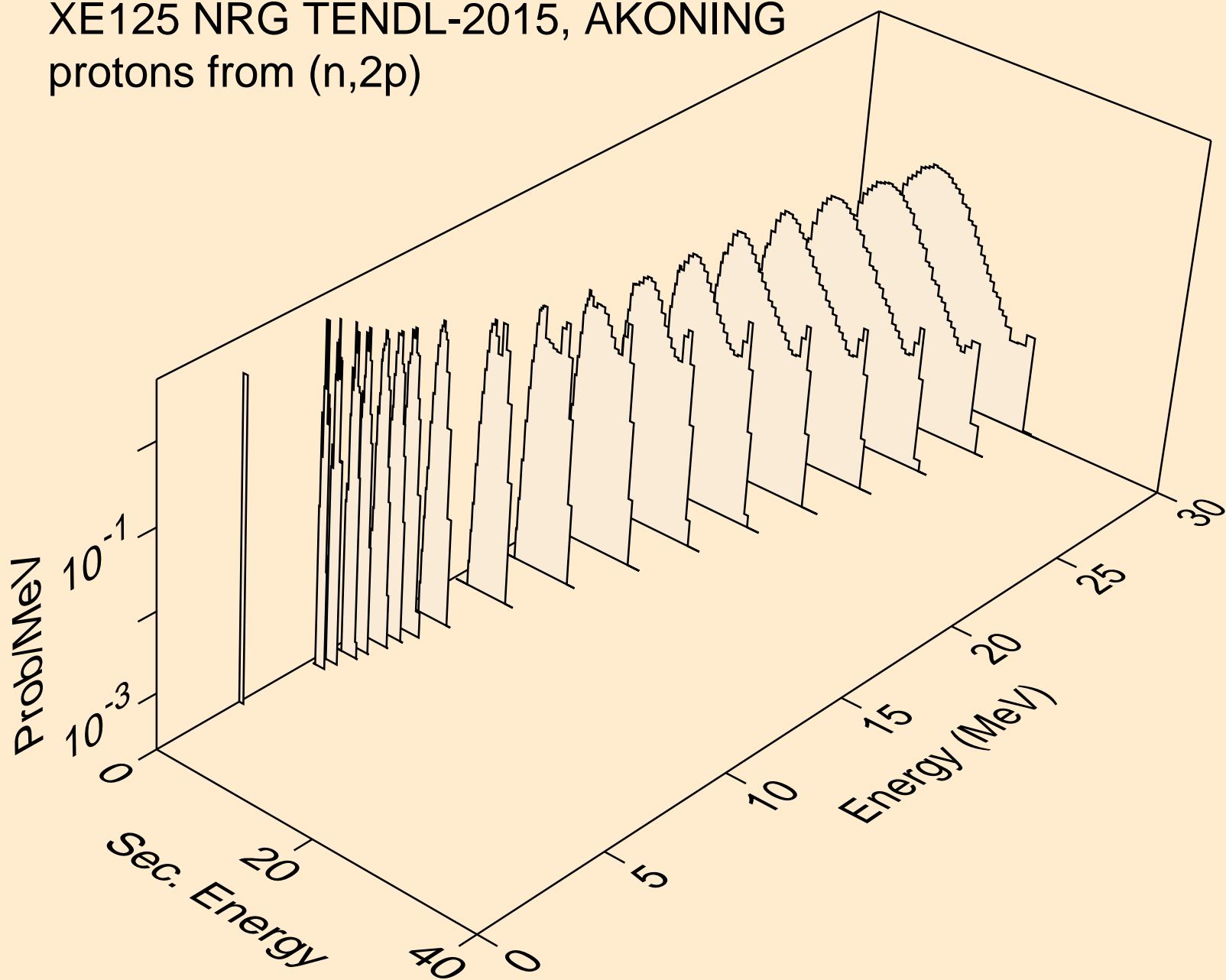
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protons from (n,npa)



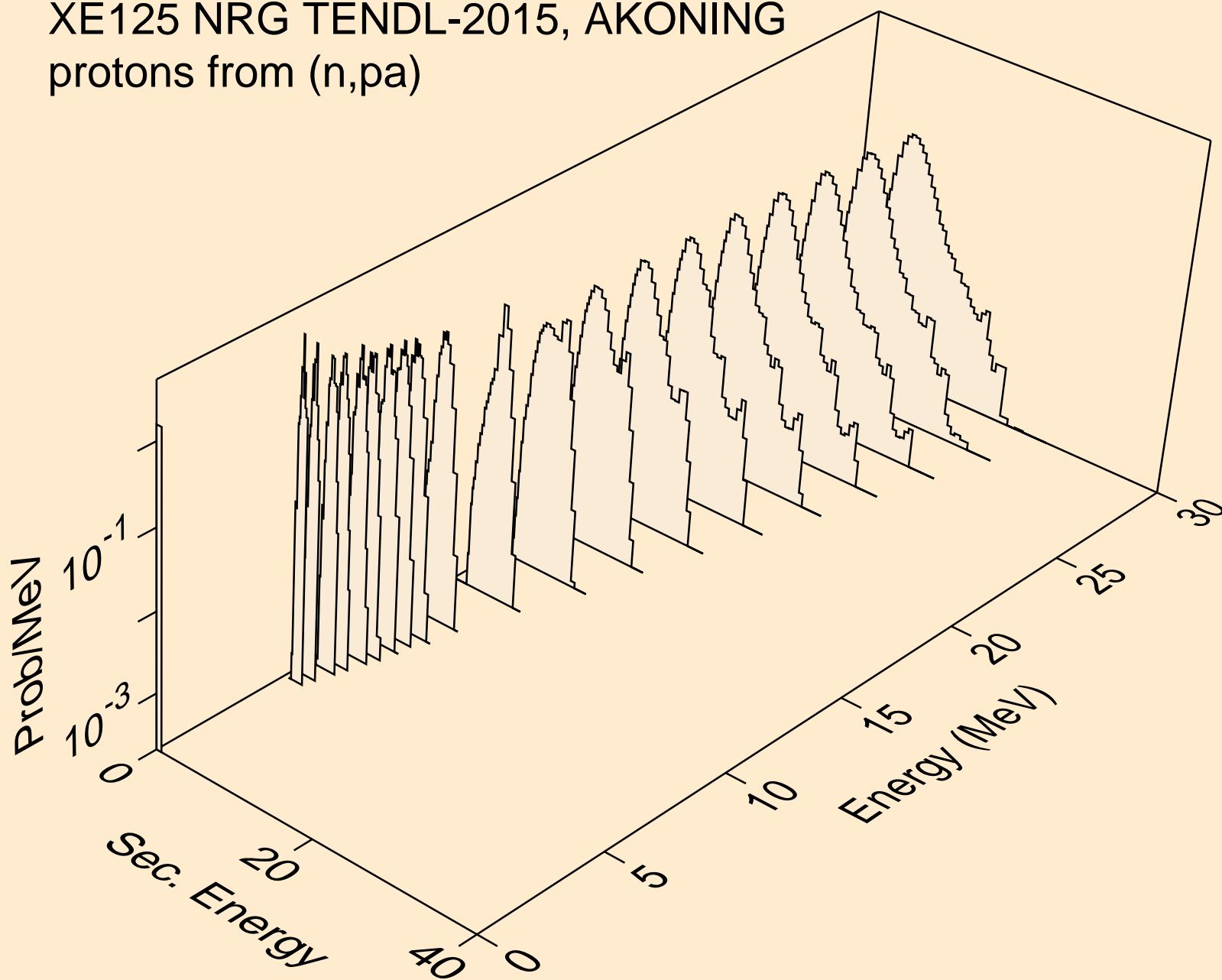
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protons from (n,p)



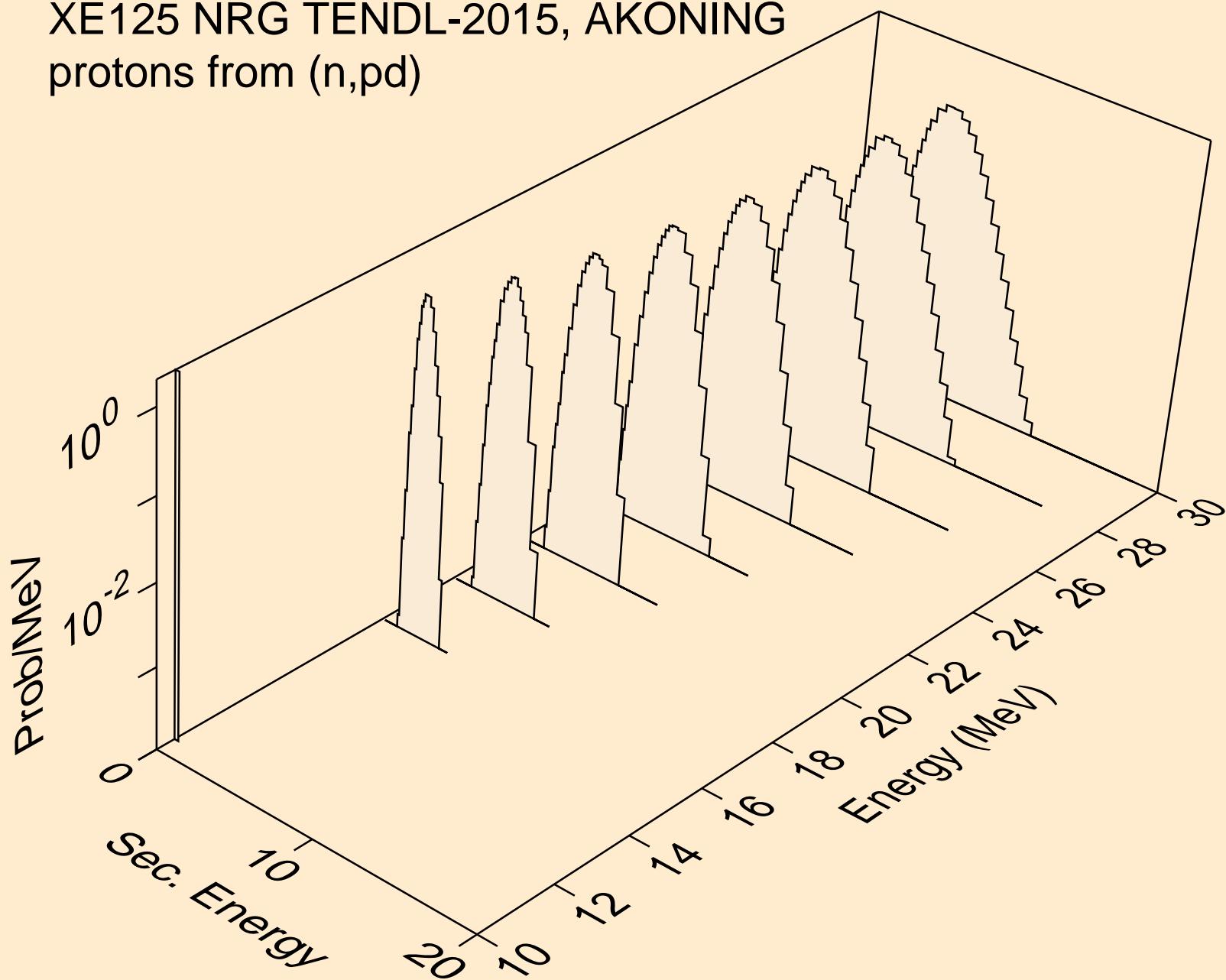
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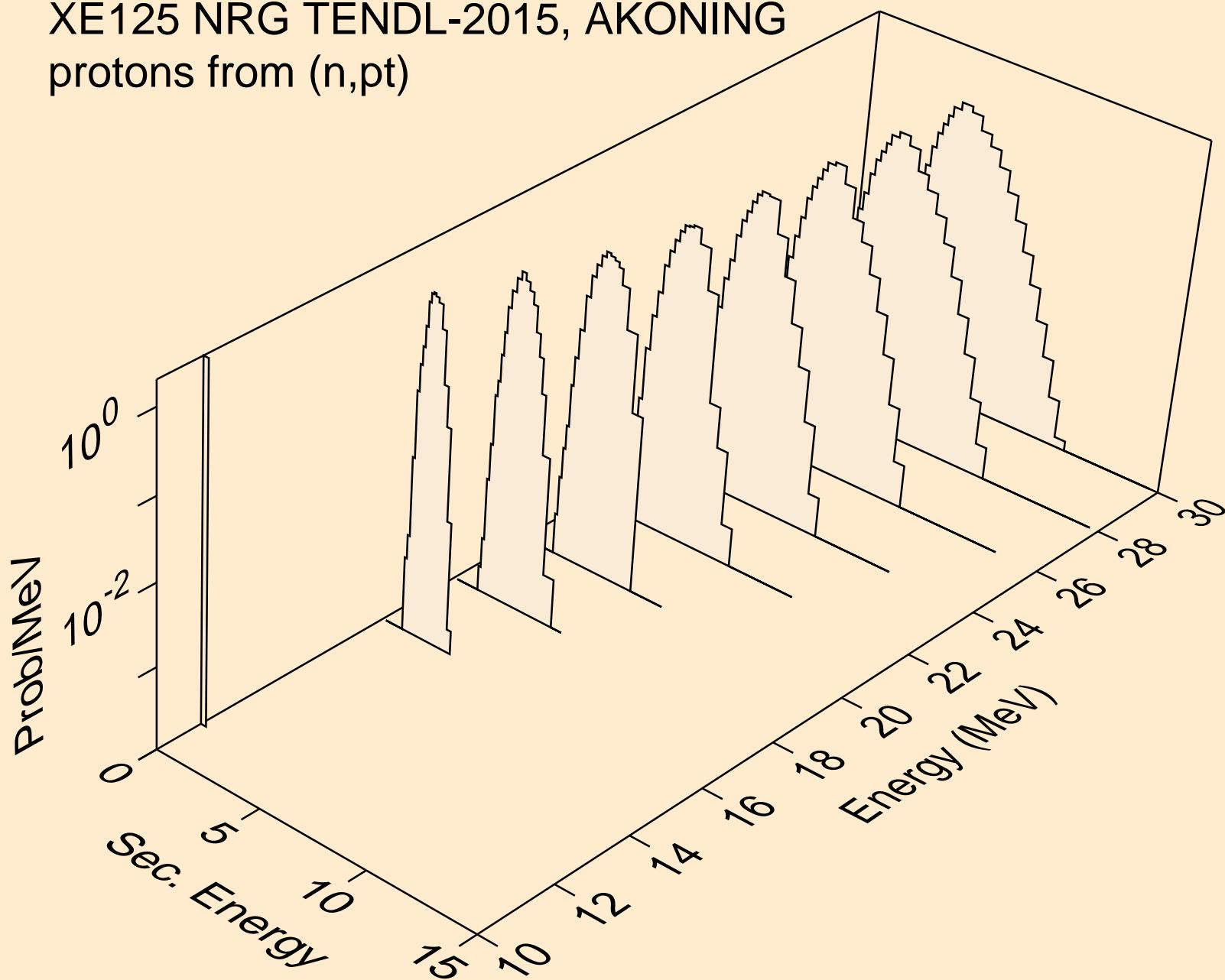
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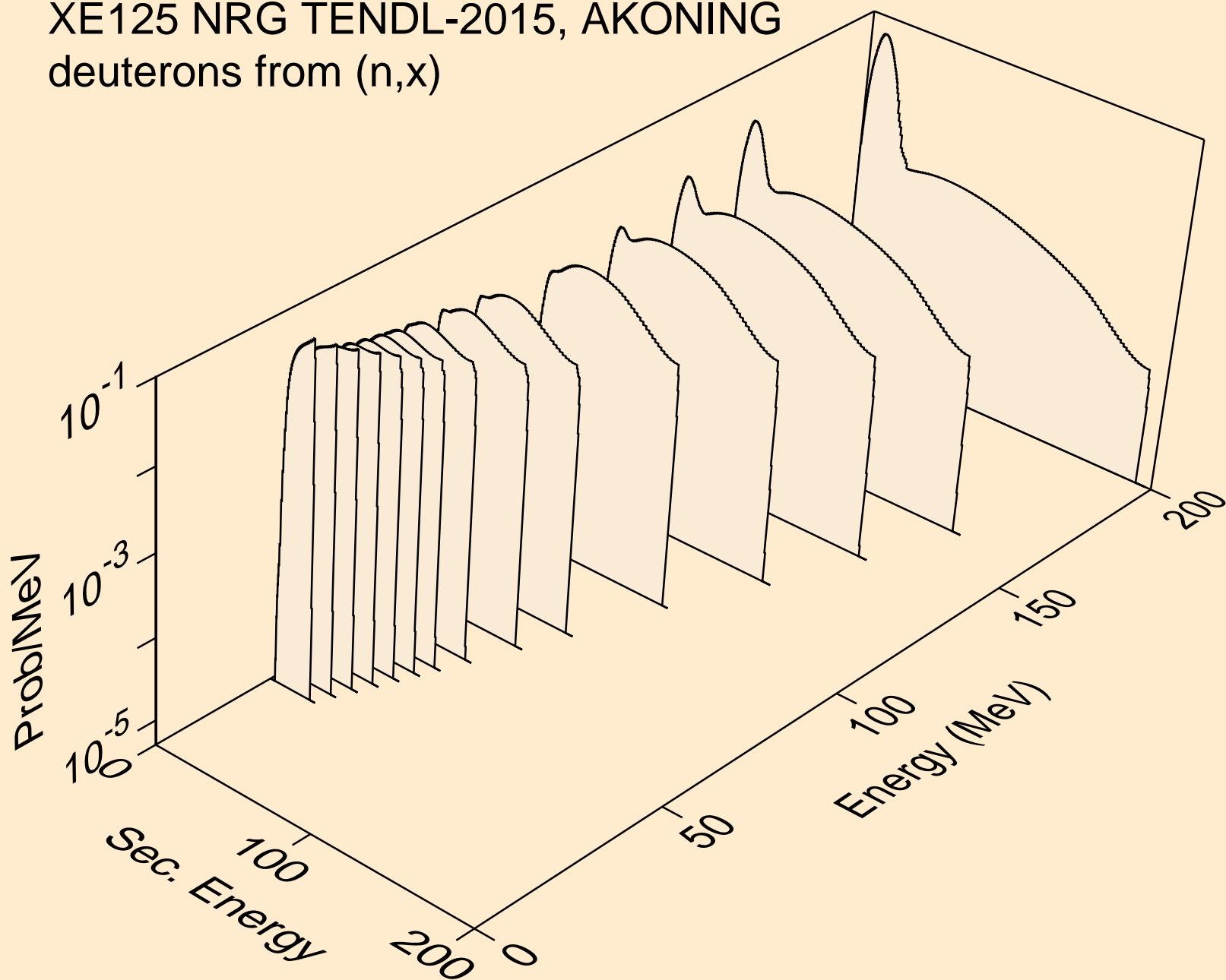
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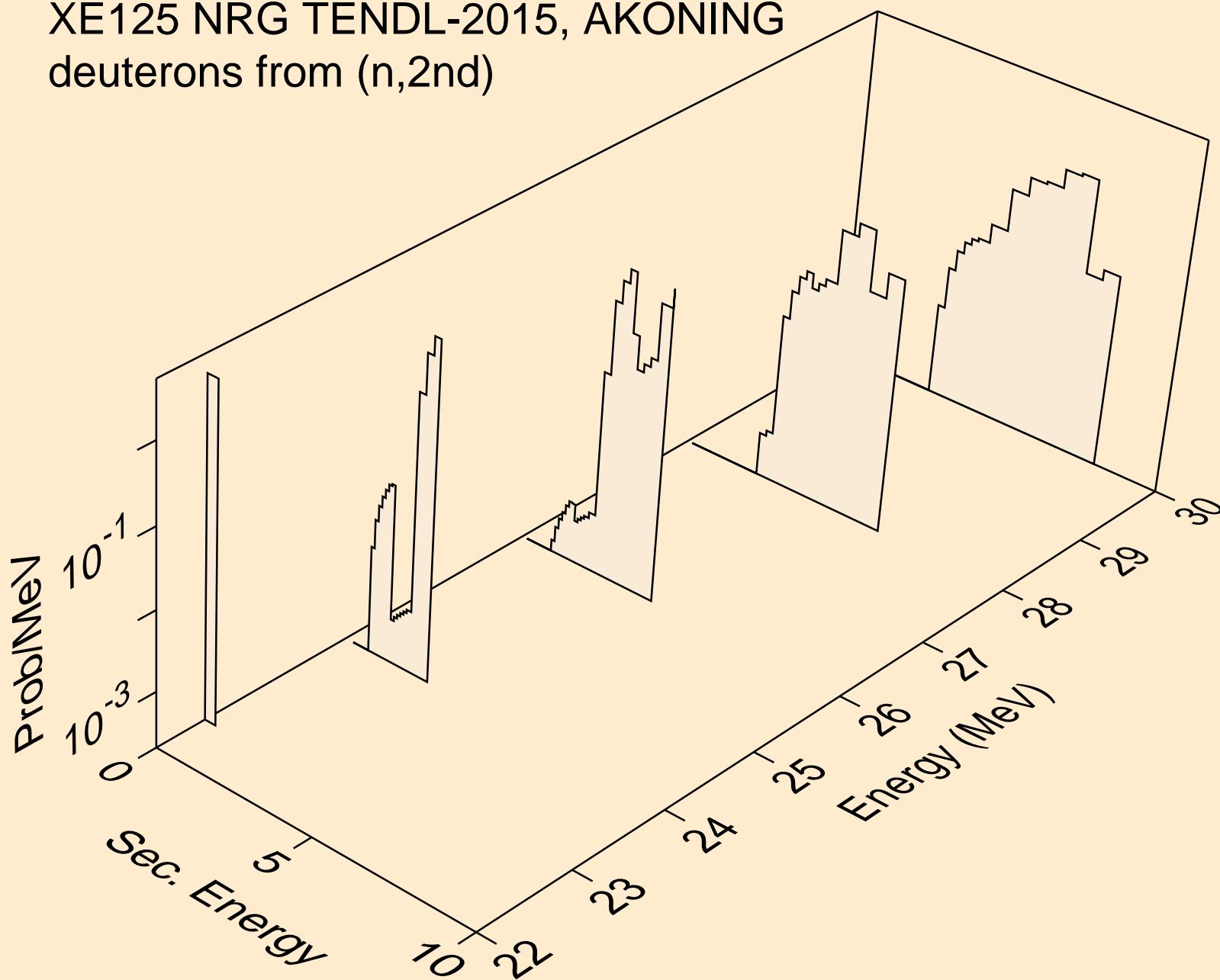
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protons from (n,pt)



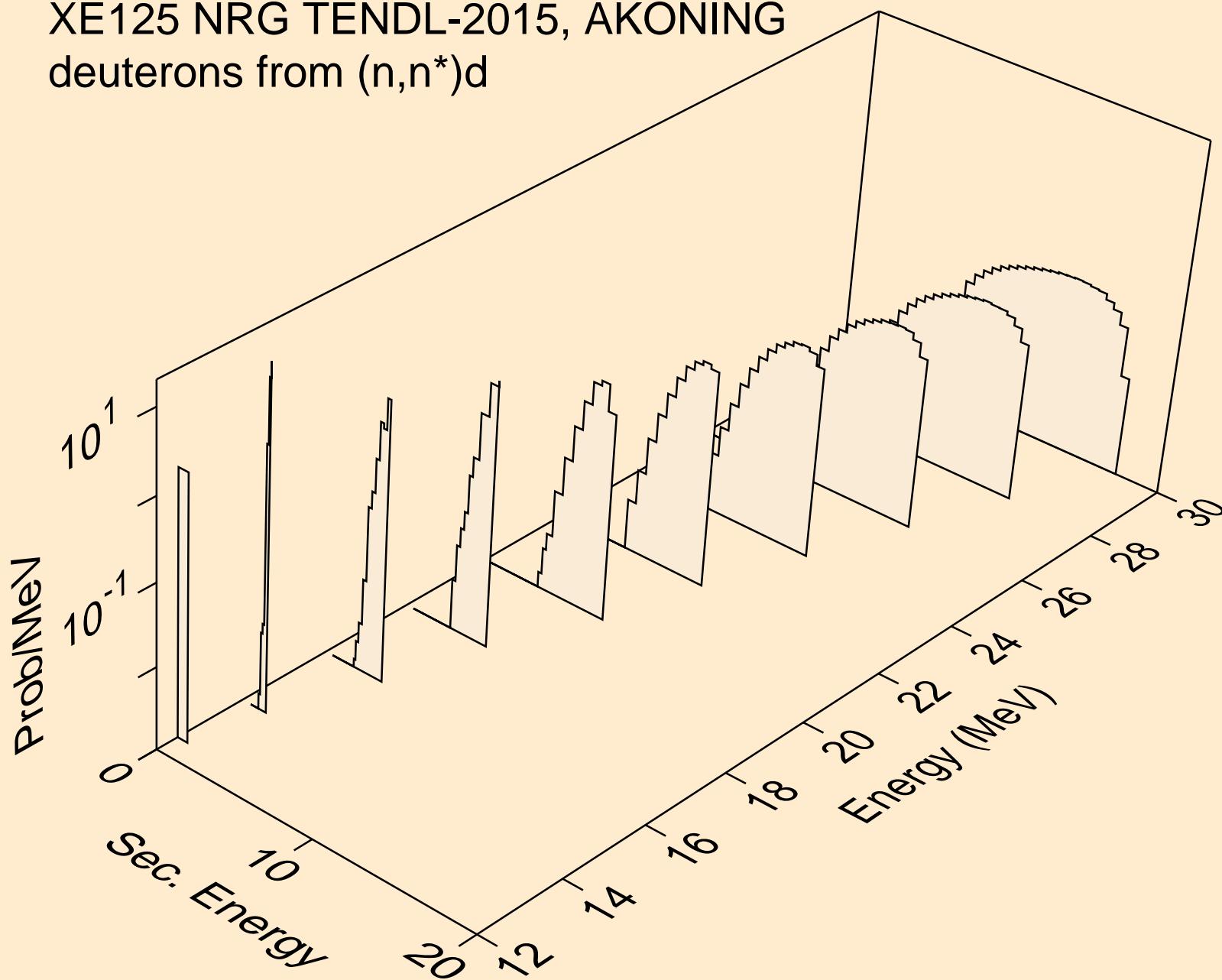
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deuterons from ( $n,x$ )



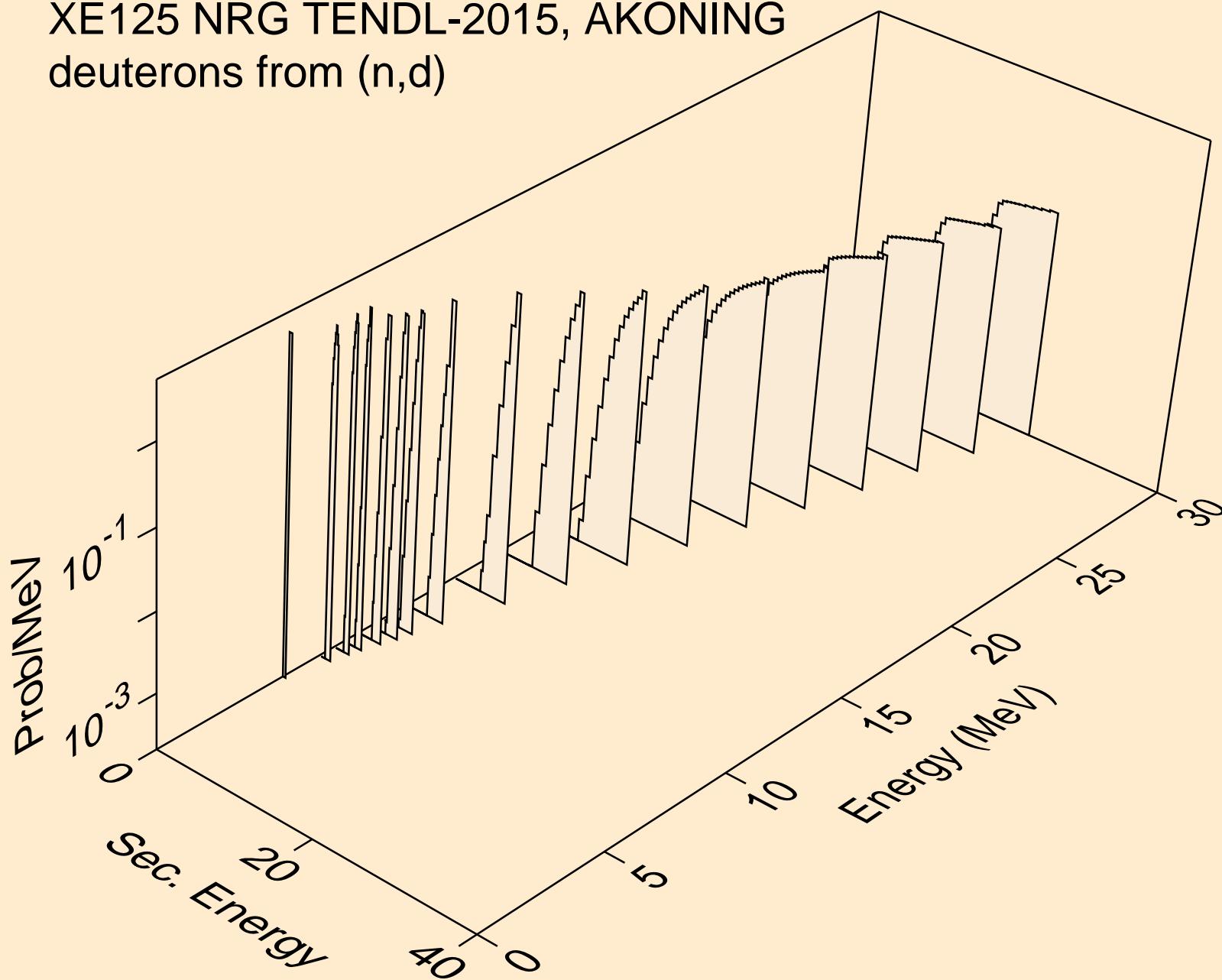
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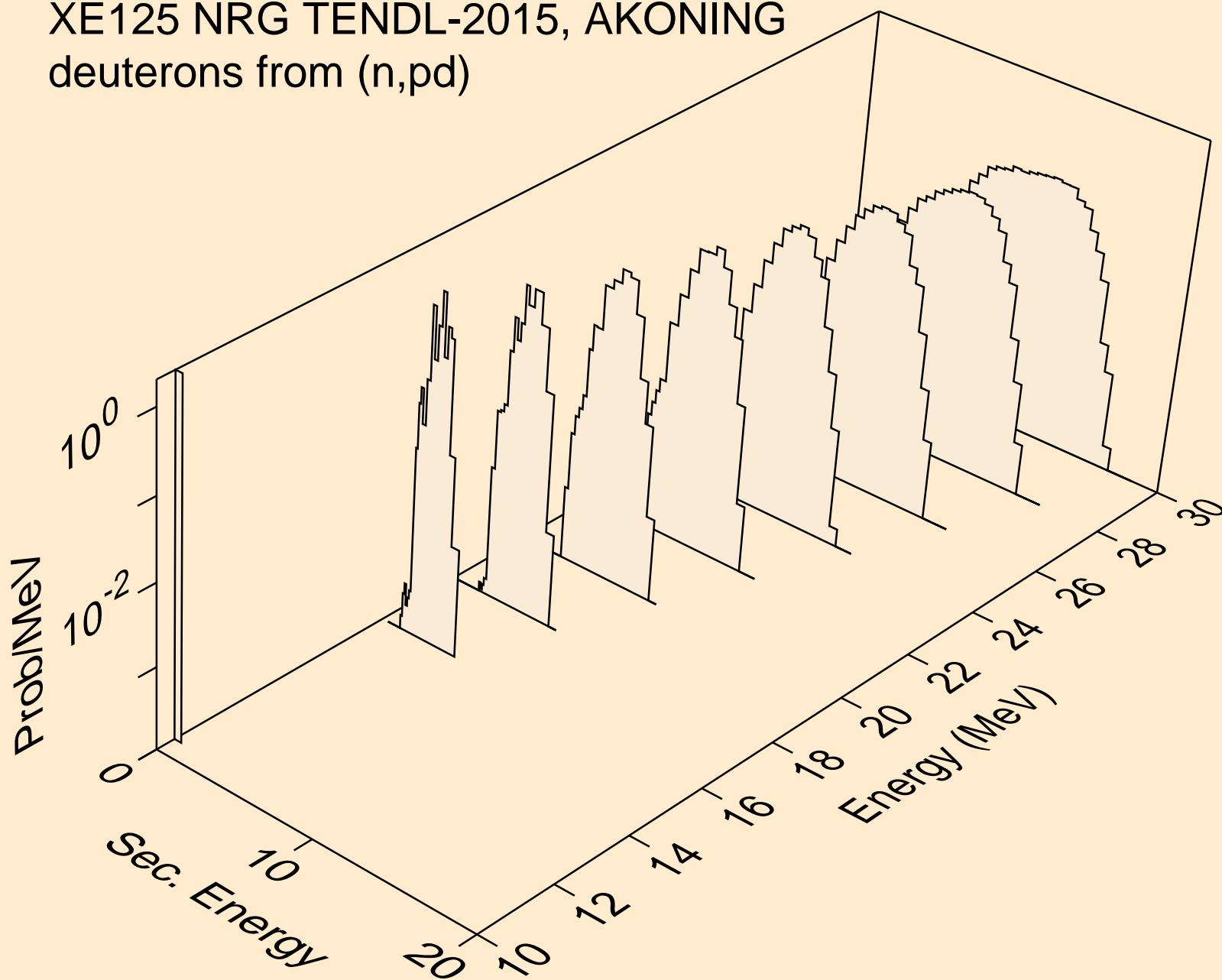
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deuterons from  $(n,n^*)d$



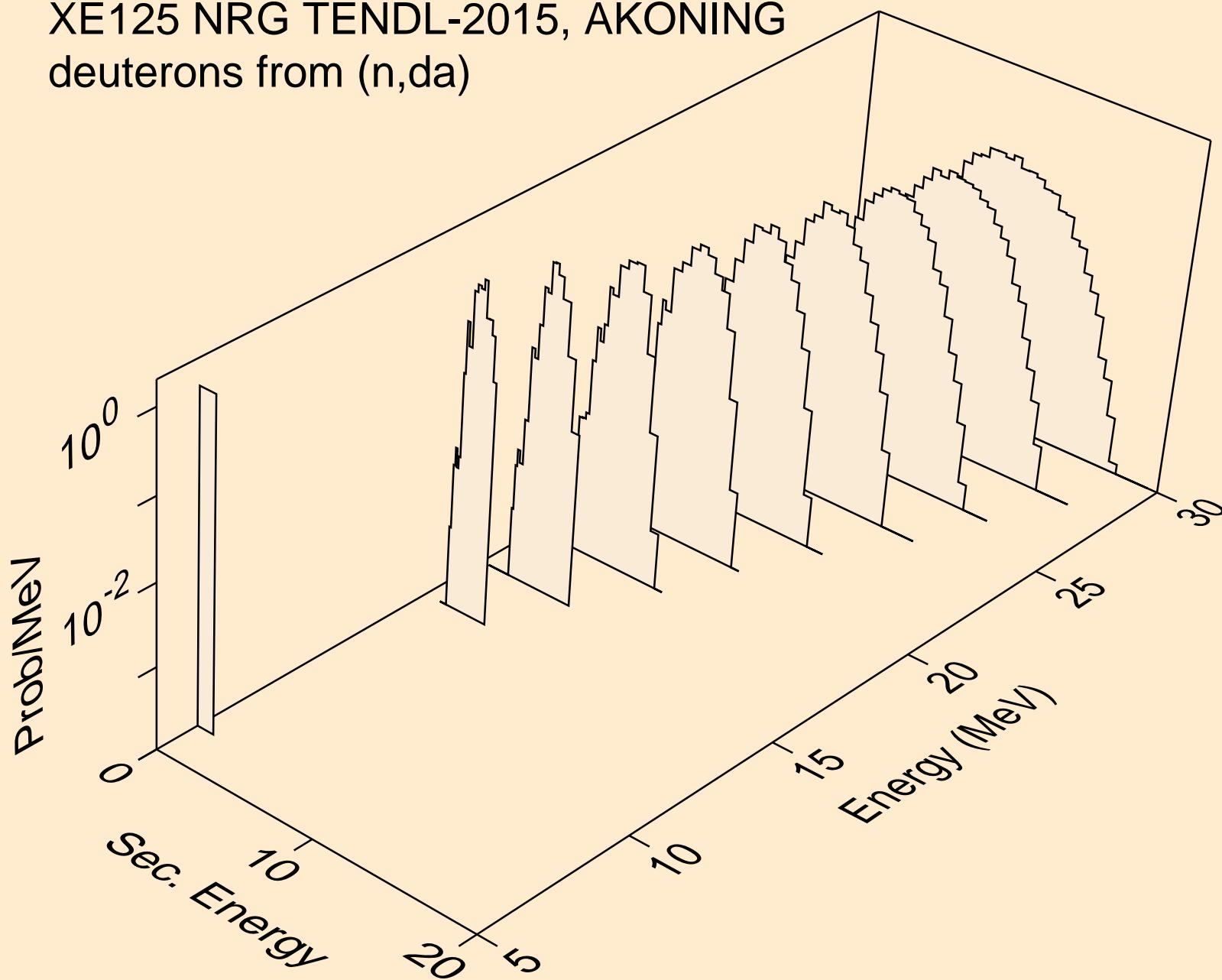
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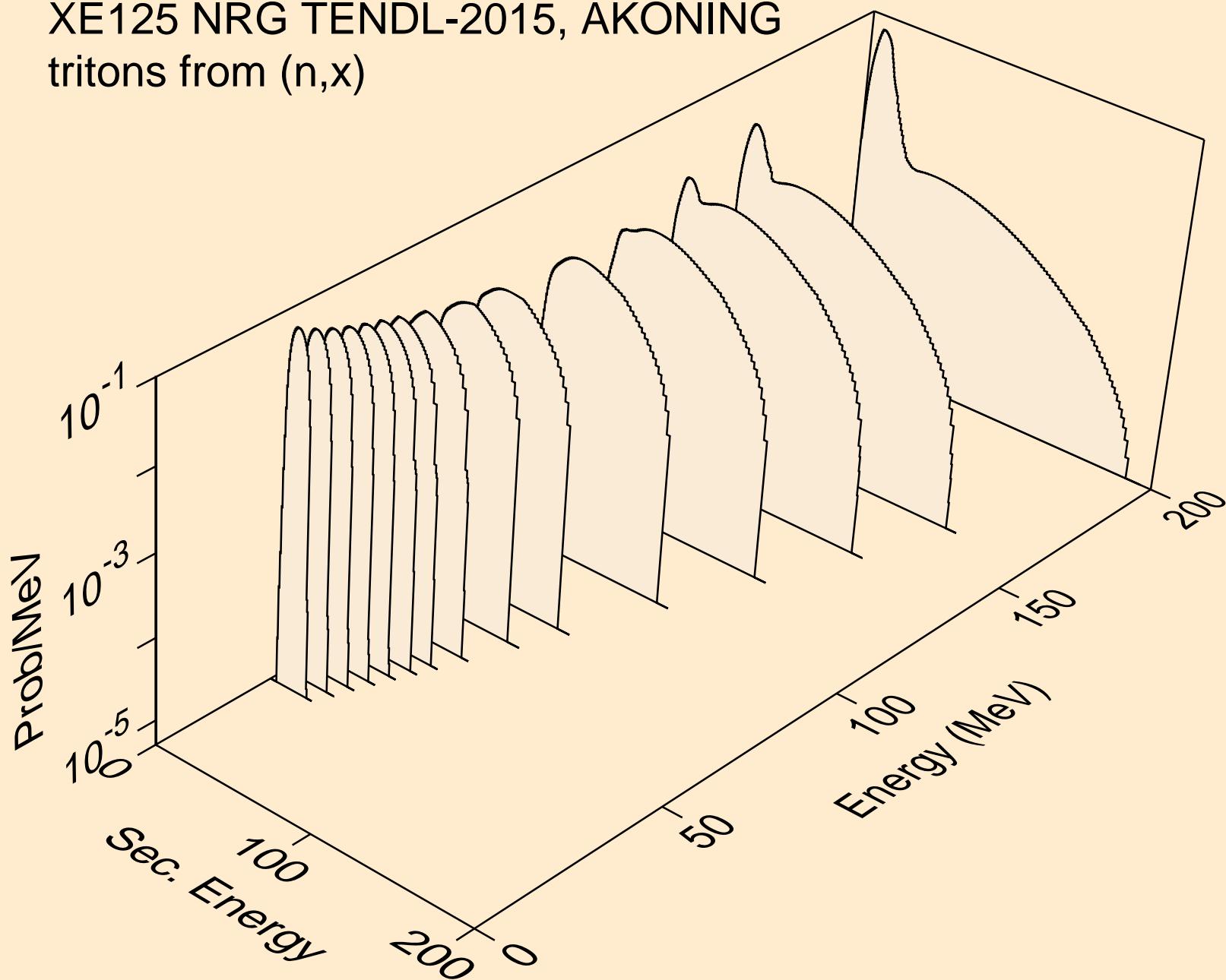
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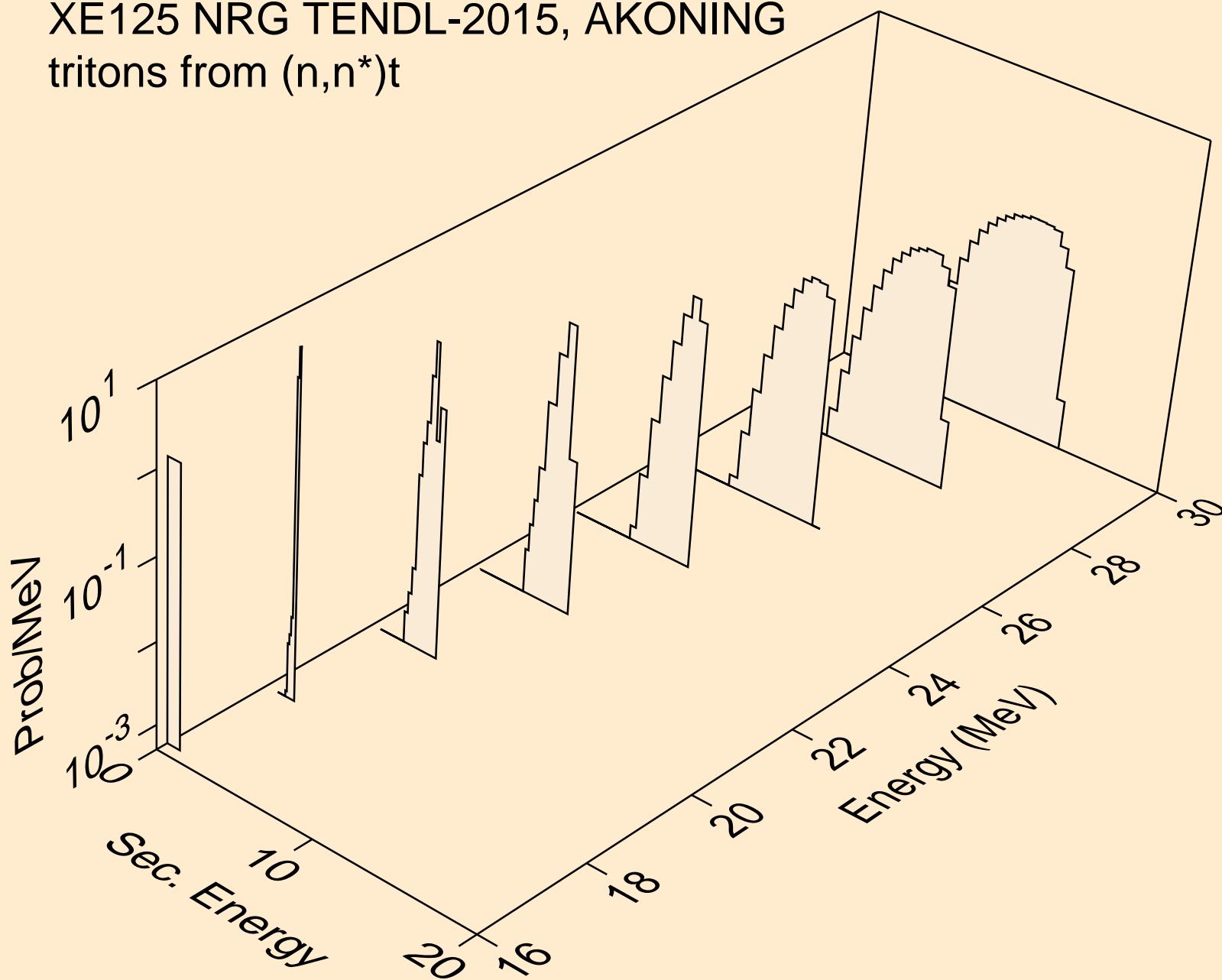
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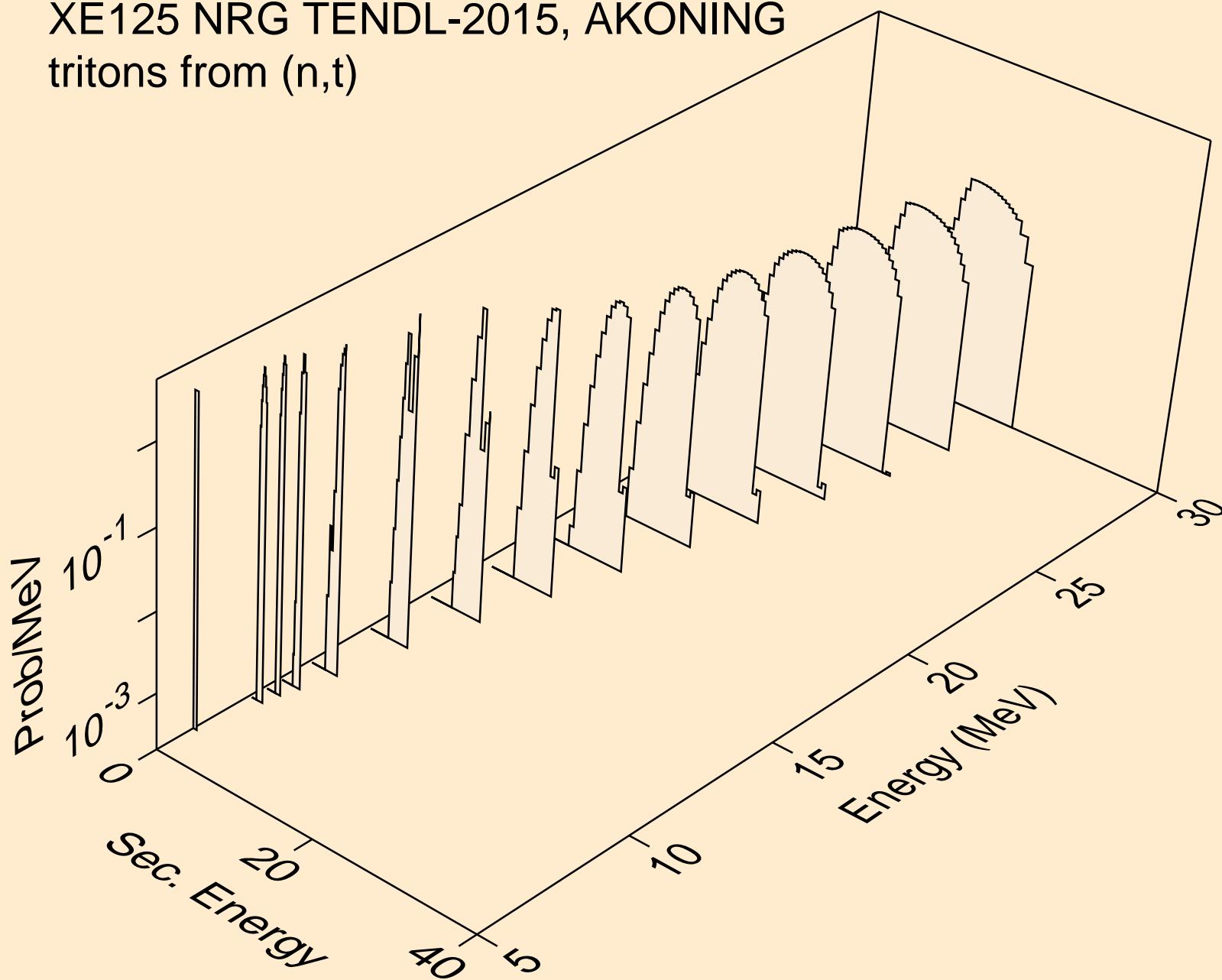
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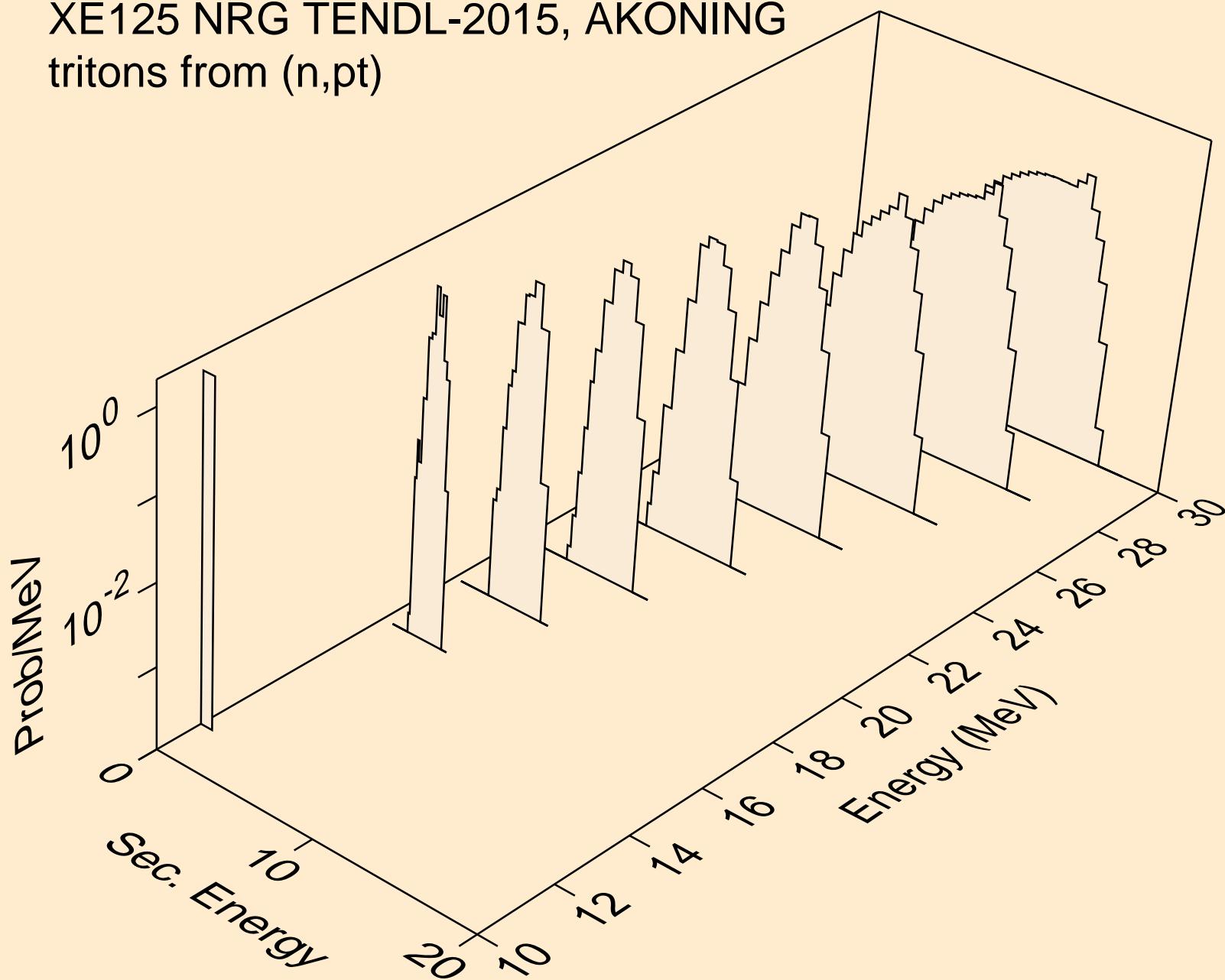
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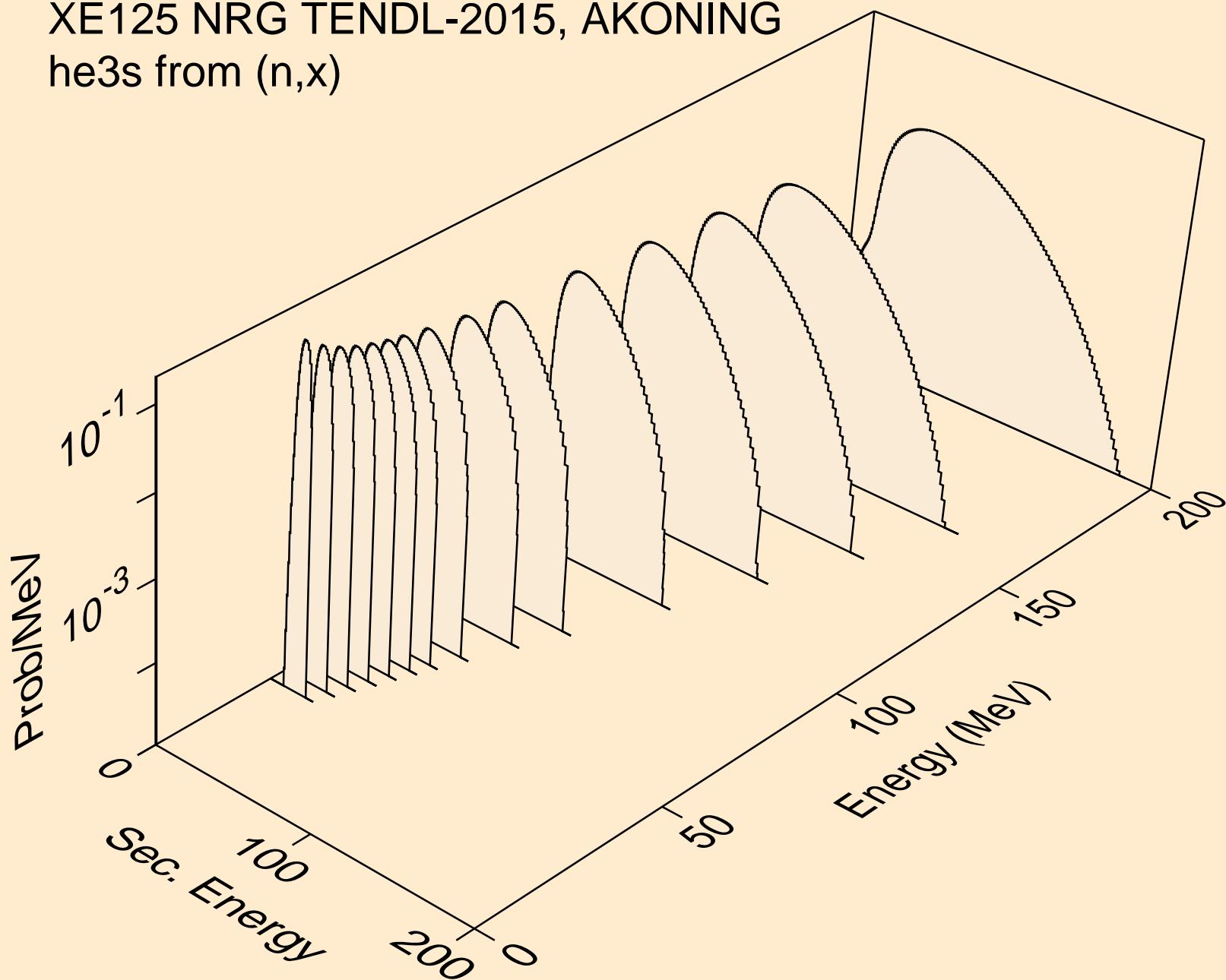
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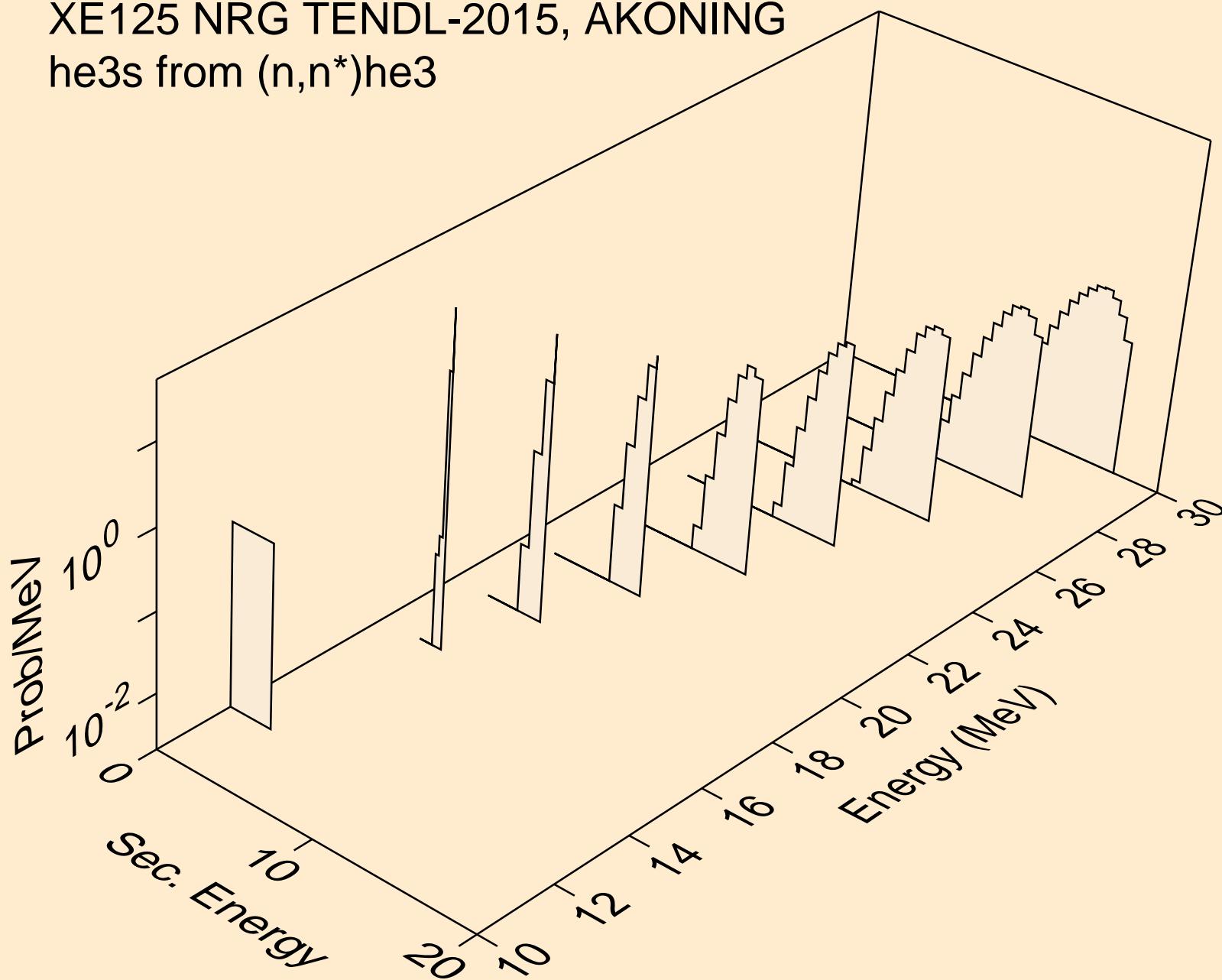
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tritons from (n,pt)



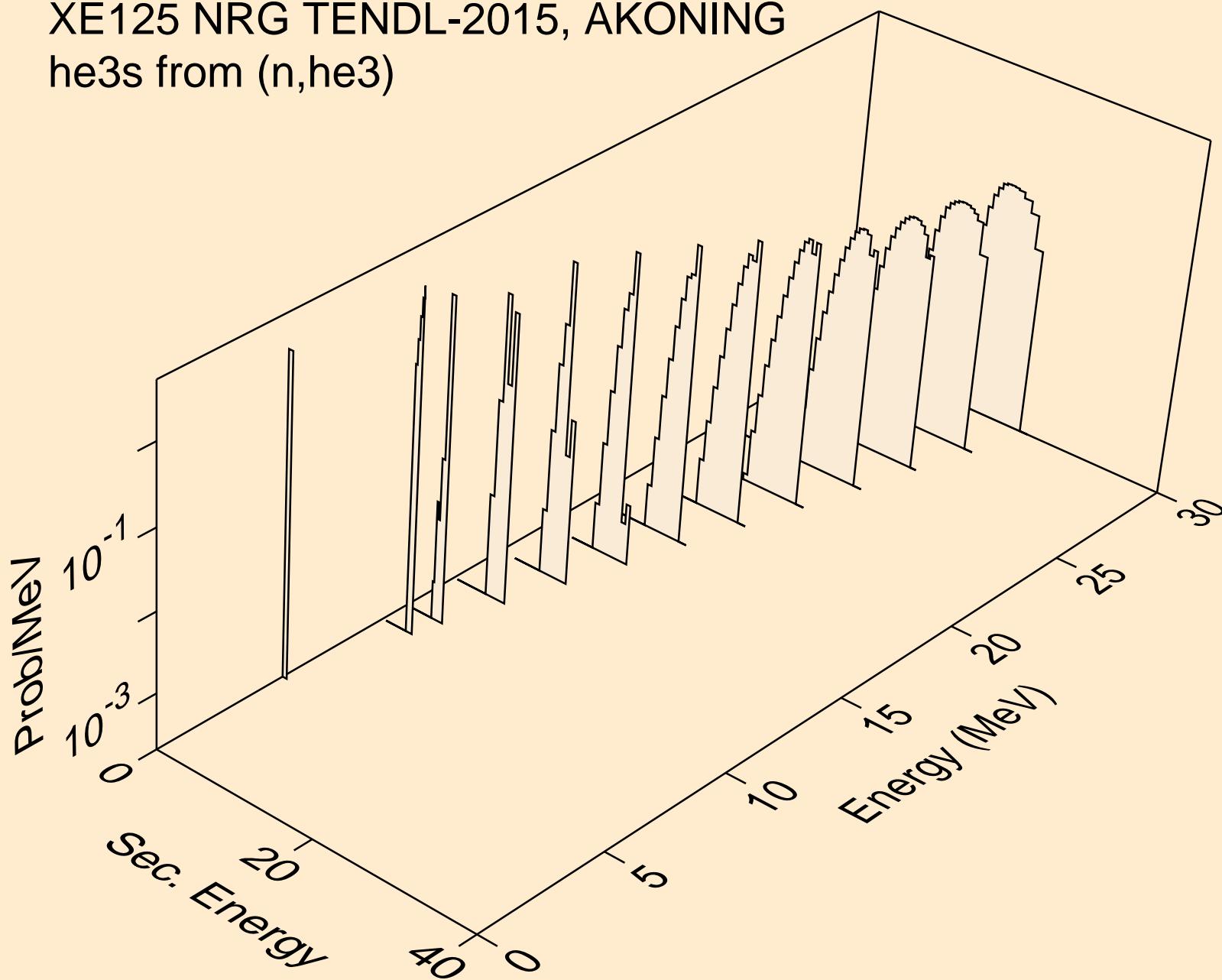
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he3s from (n,x)



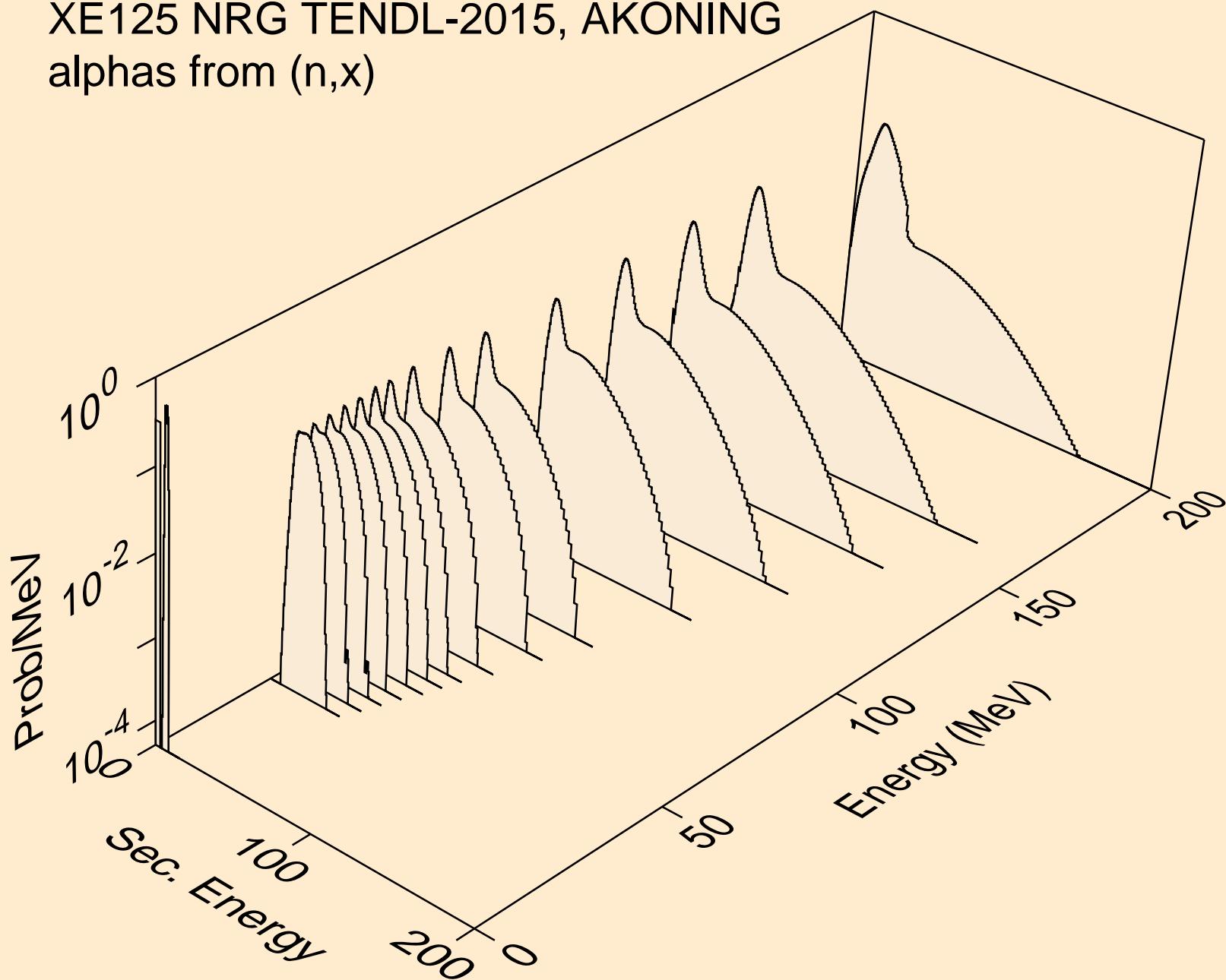
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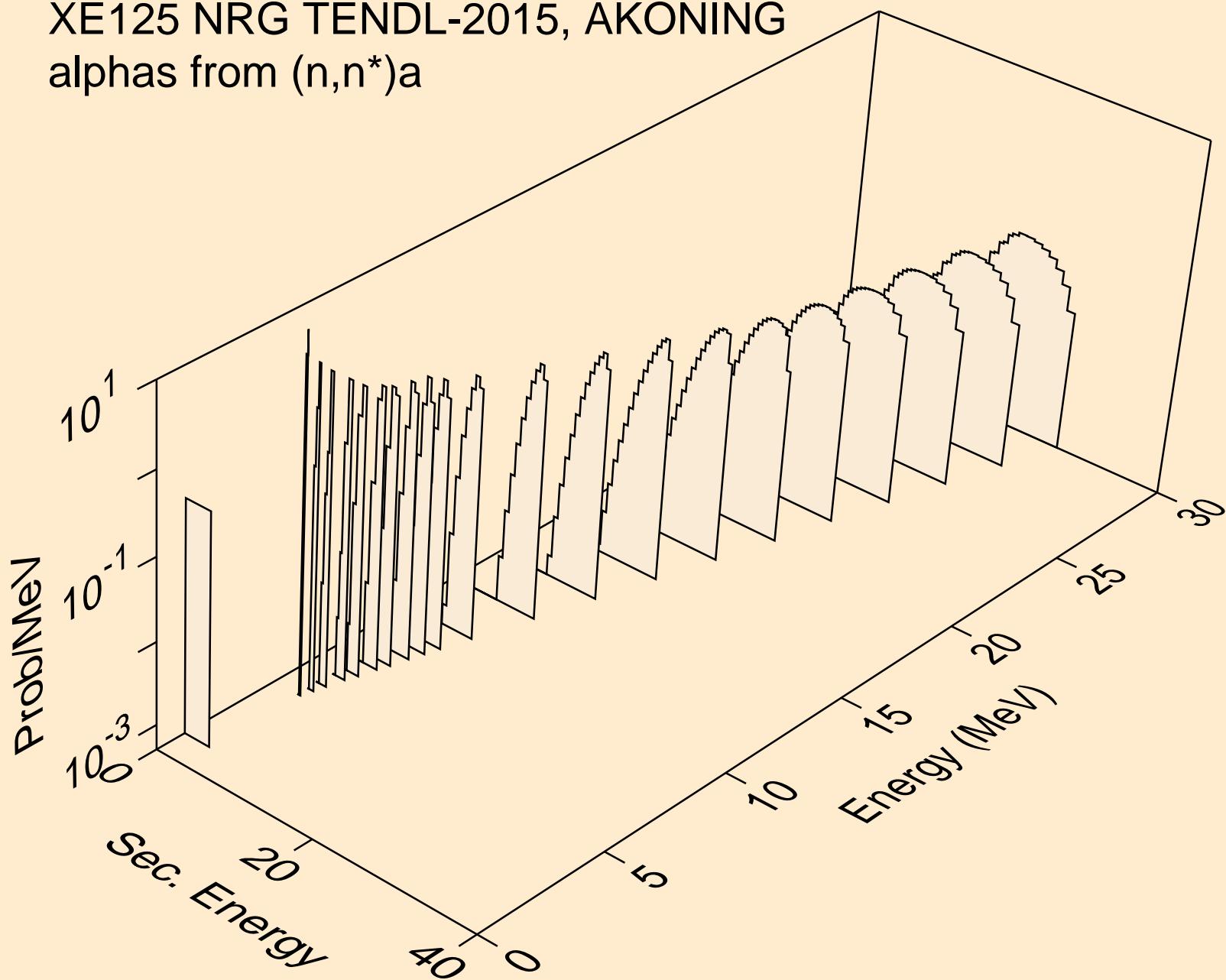
XE125 NRG TENDL-2015, AKONING  
he3s from (n,he3)



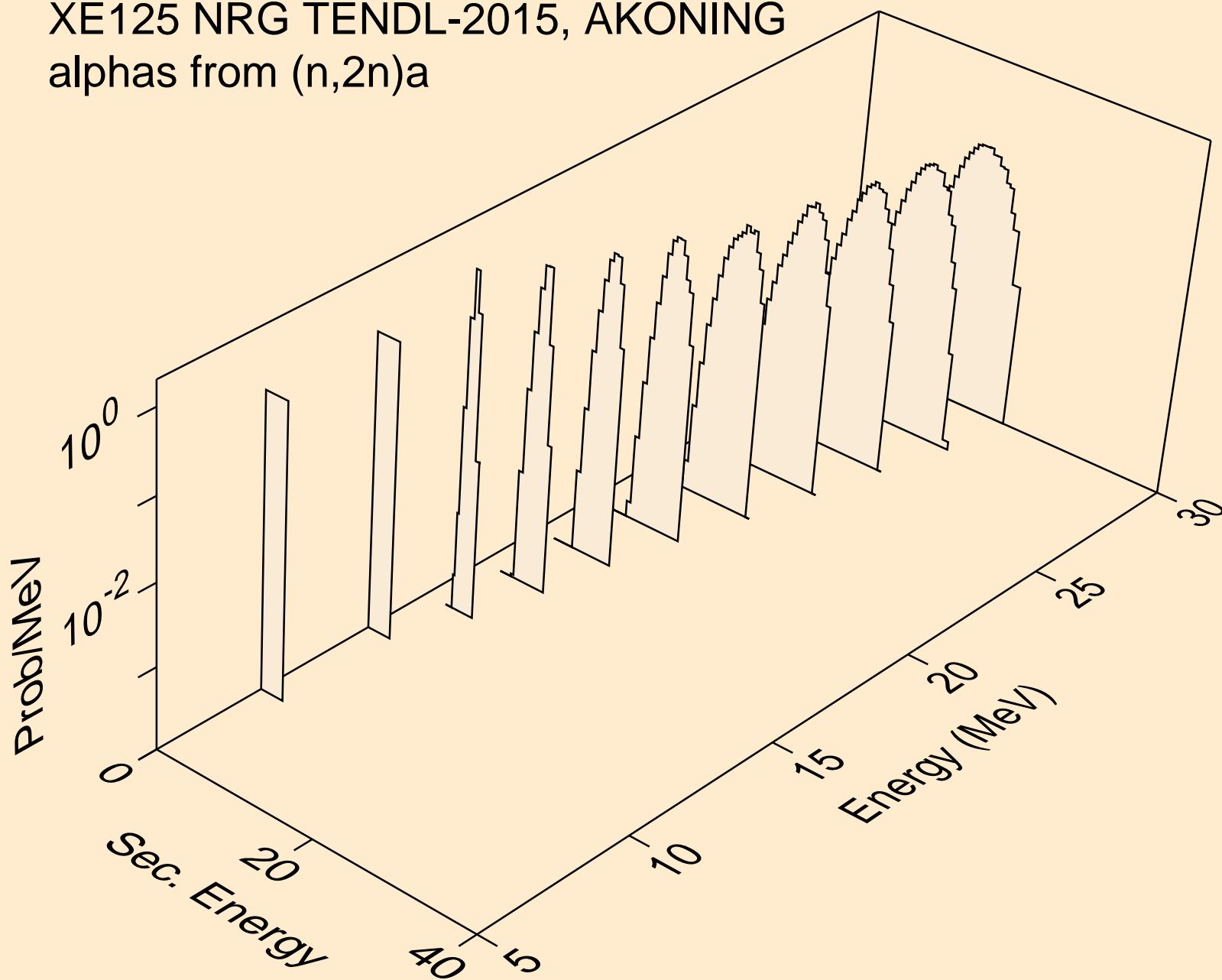
XE125 NRG TENDL-2015, AKONING  
alphas from (n,x)



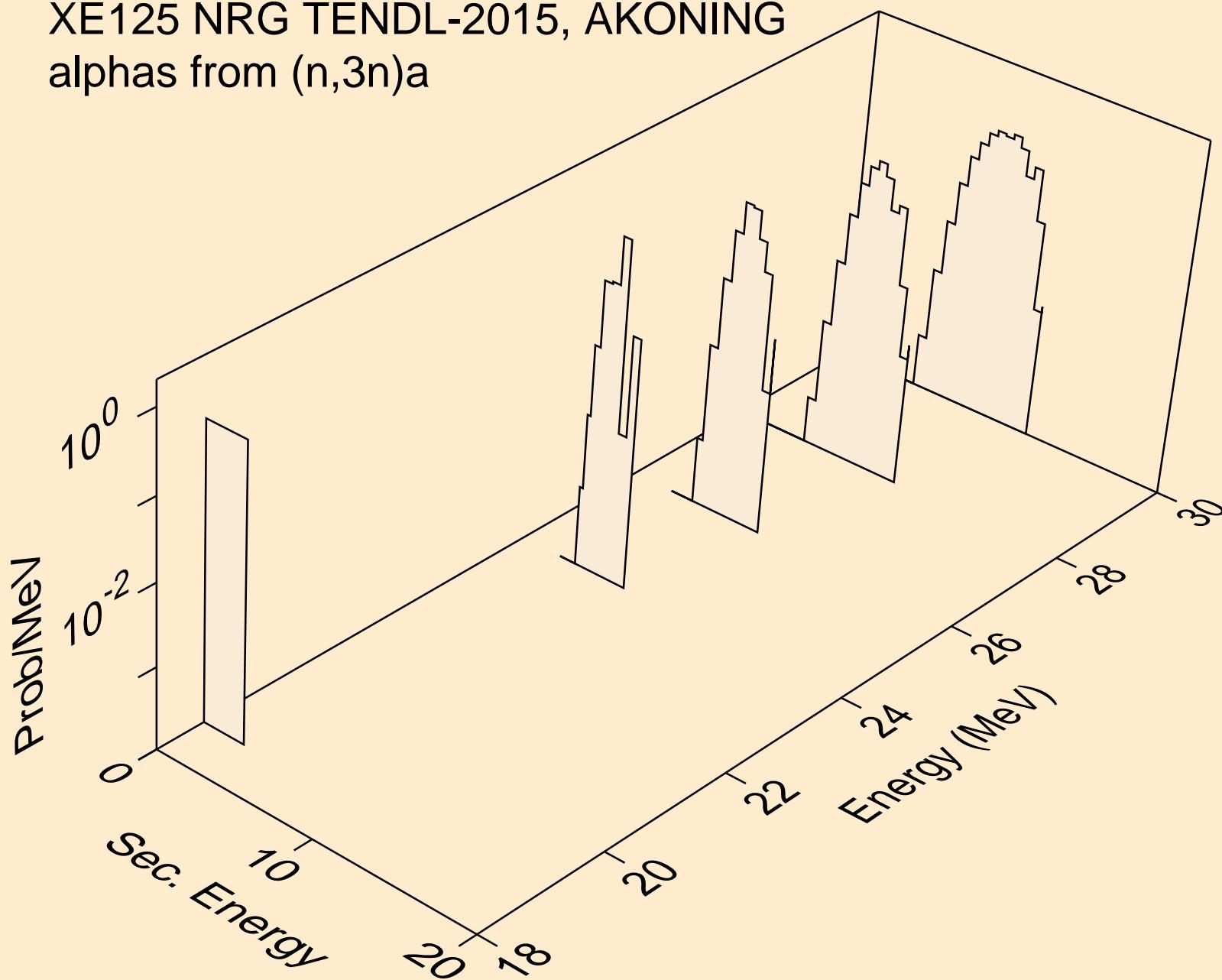
XE125 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



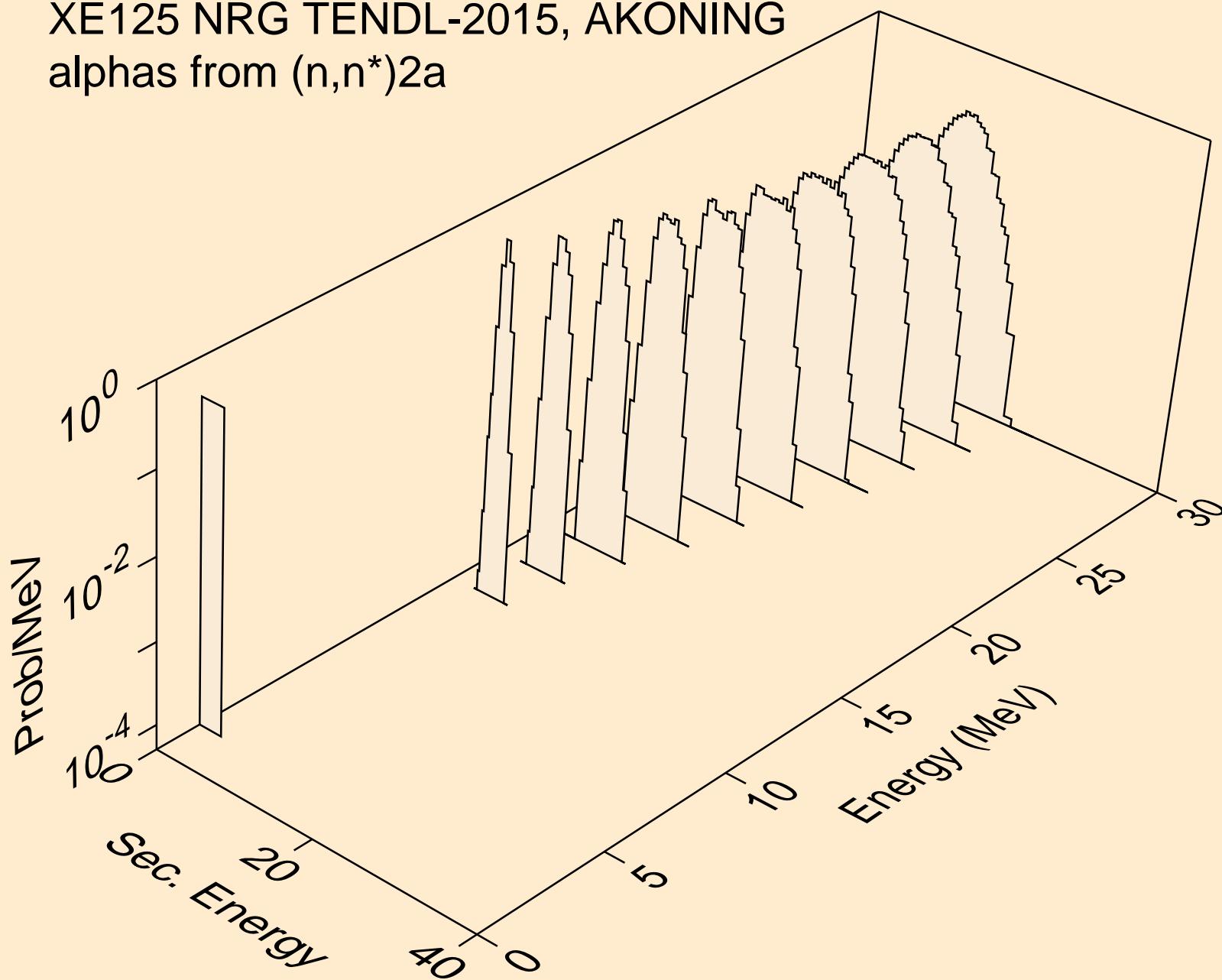
XE125 NRG TENDL-2015, AKONING  
alphas from  $(n,2n)a$



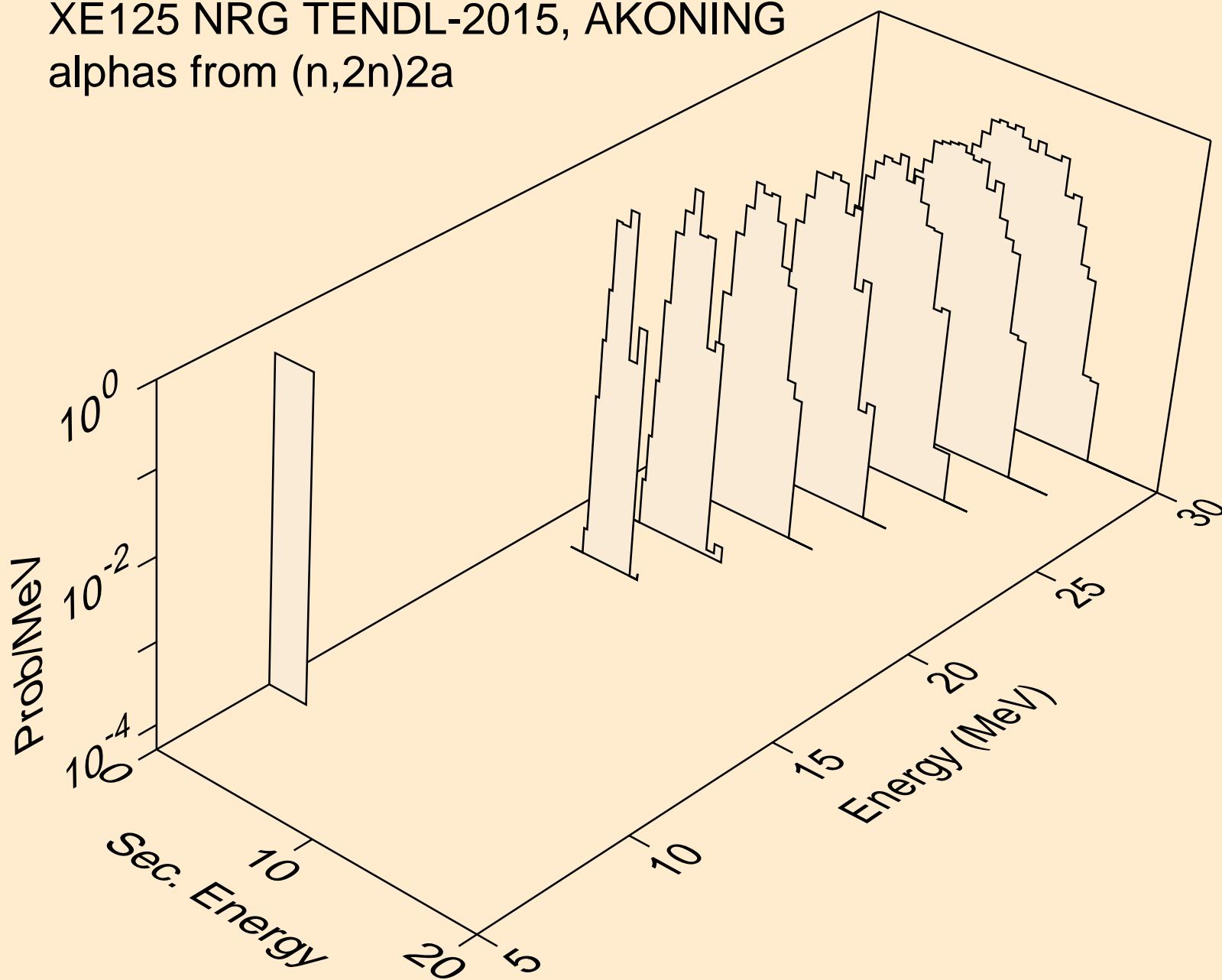
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alphas from  $(n,3n)a$



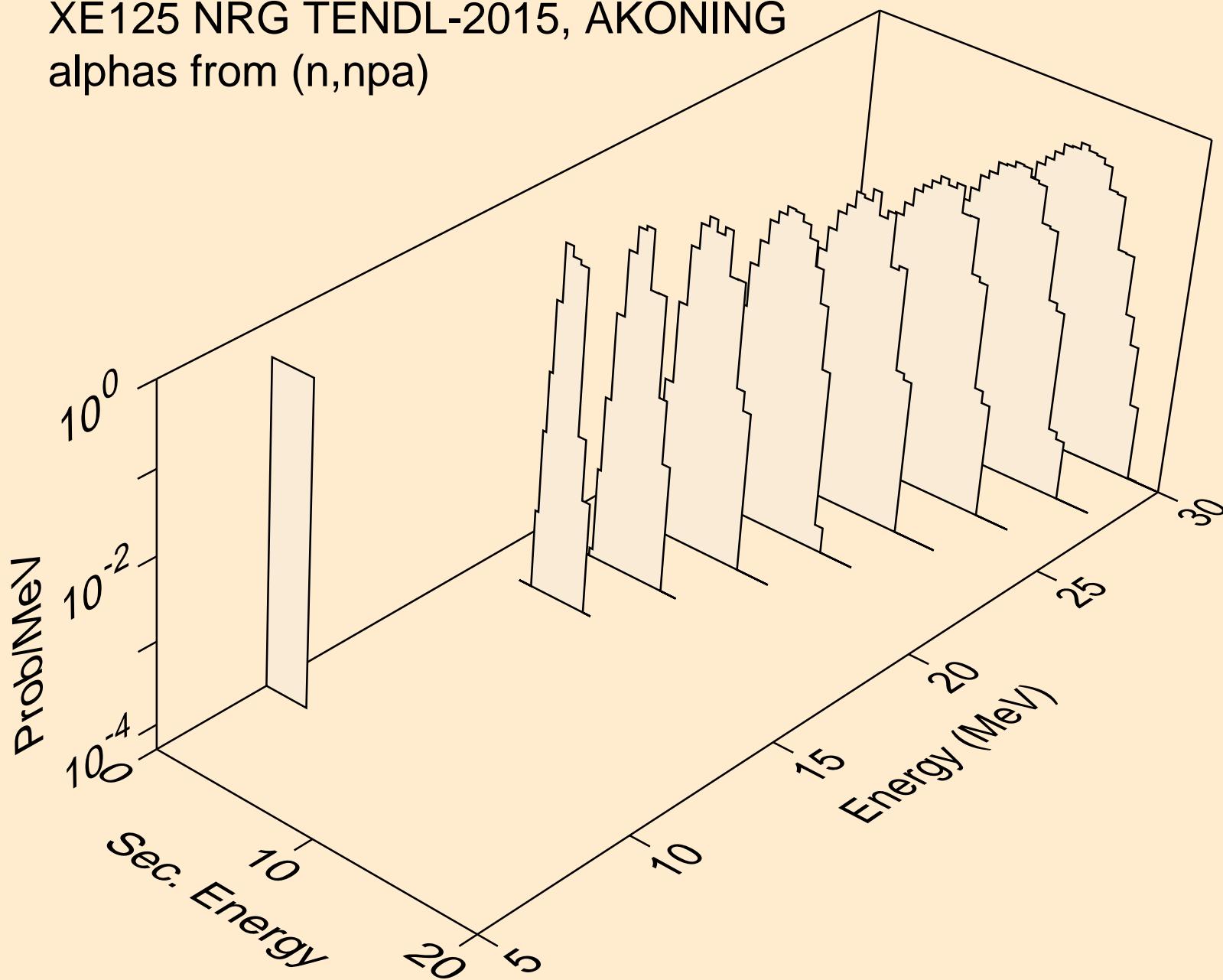
XE125 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



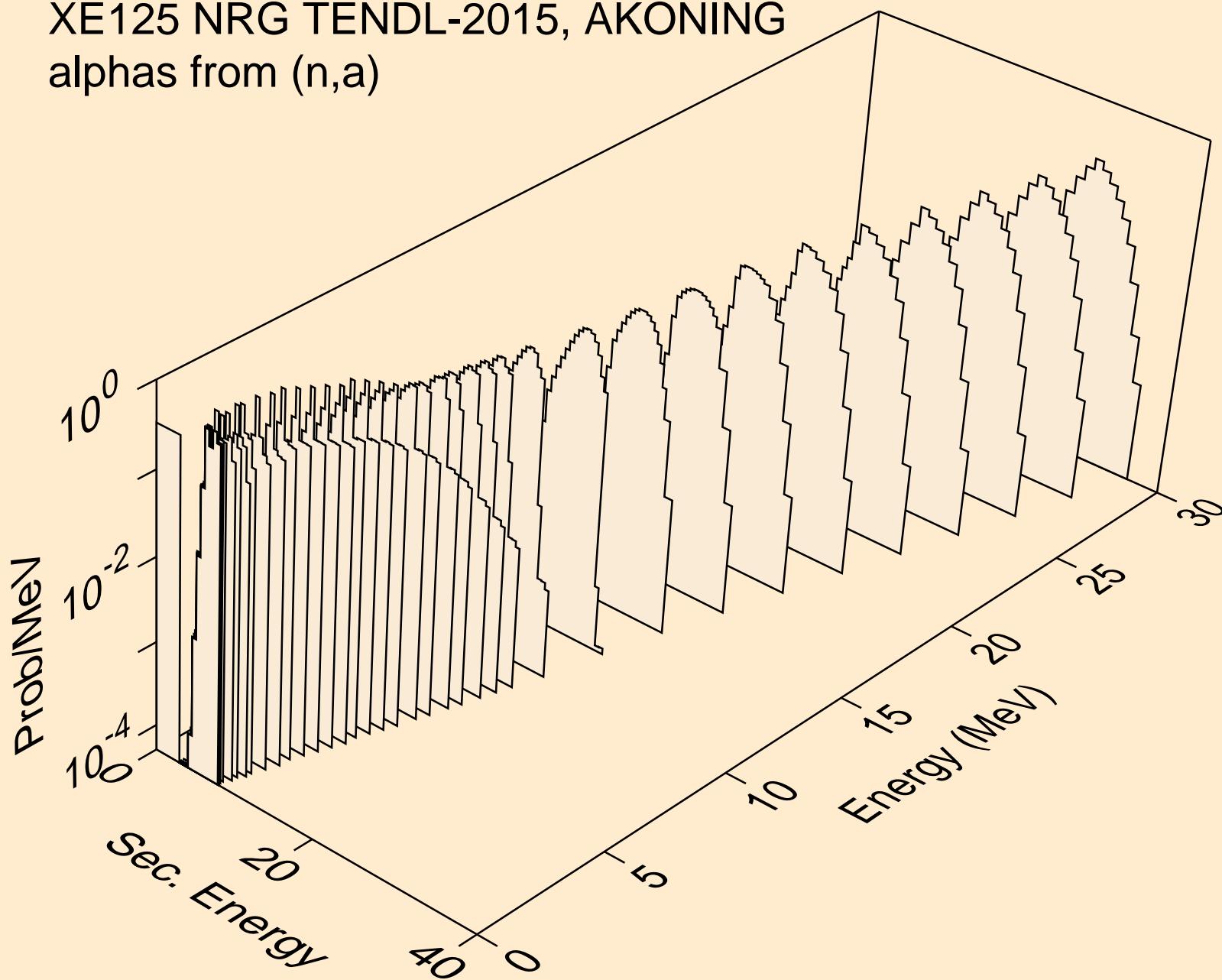
XE125 NRG TENDL-2015, AKONING  
alphas from  $(n,2n)2a$



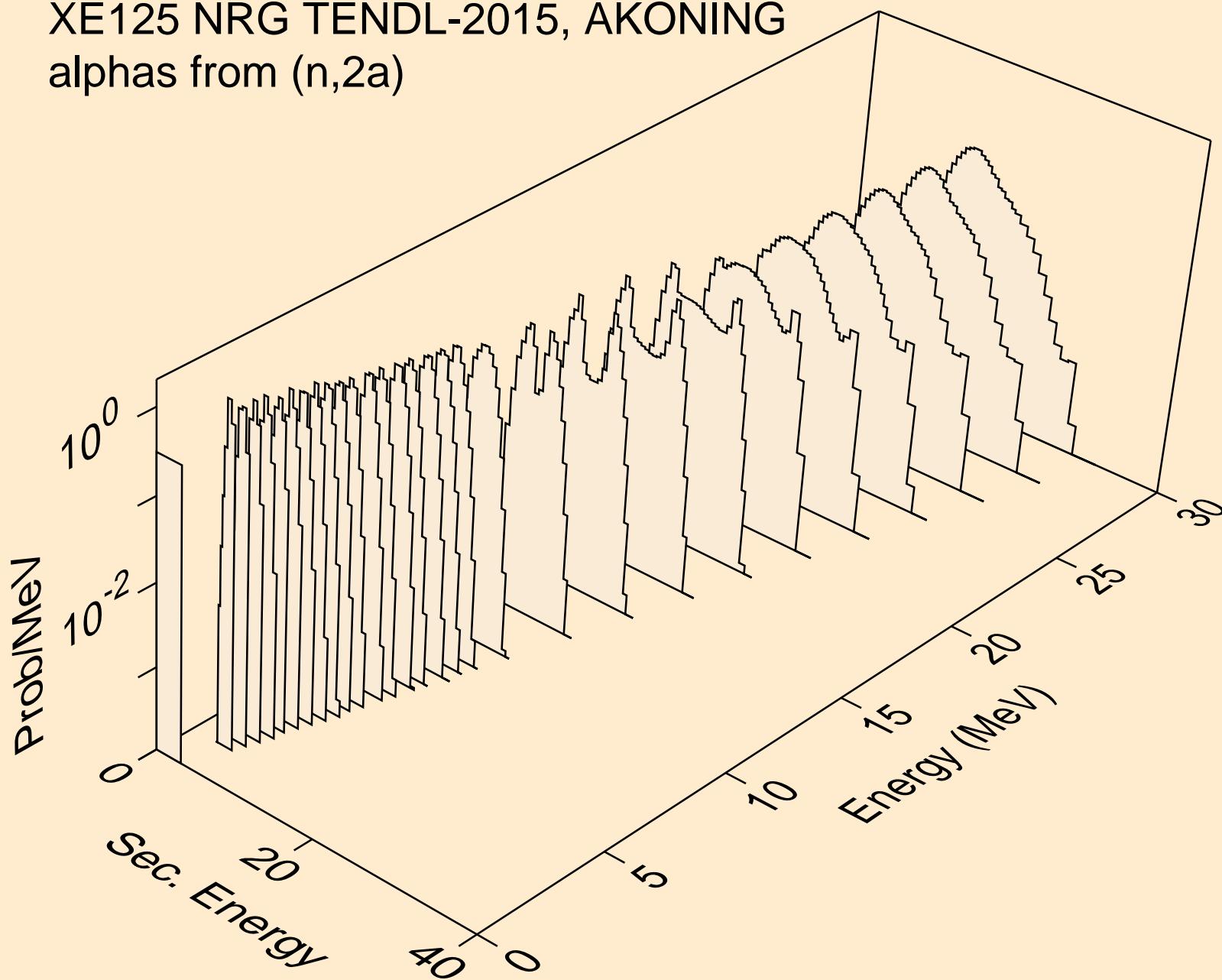
XE125 NRG TENDL-2015, AKONING  
alphas from (n,npa)



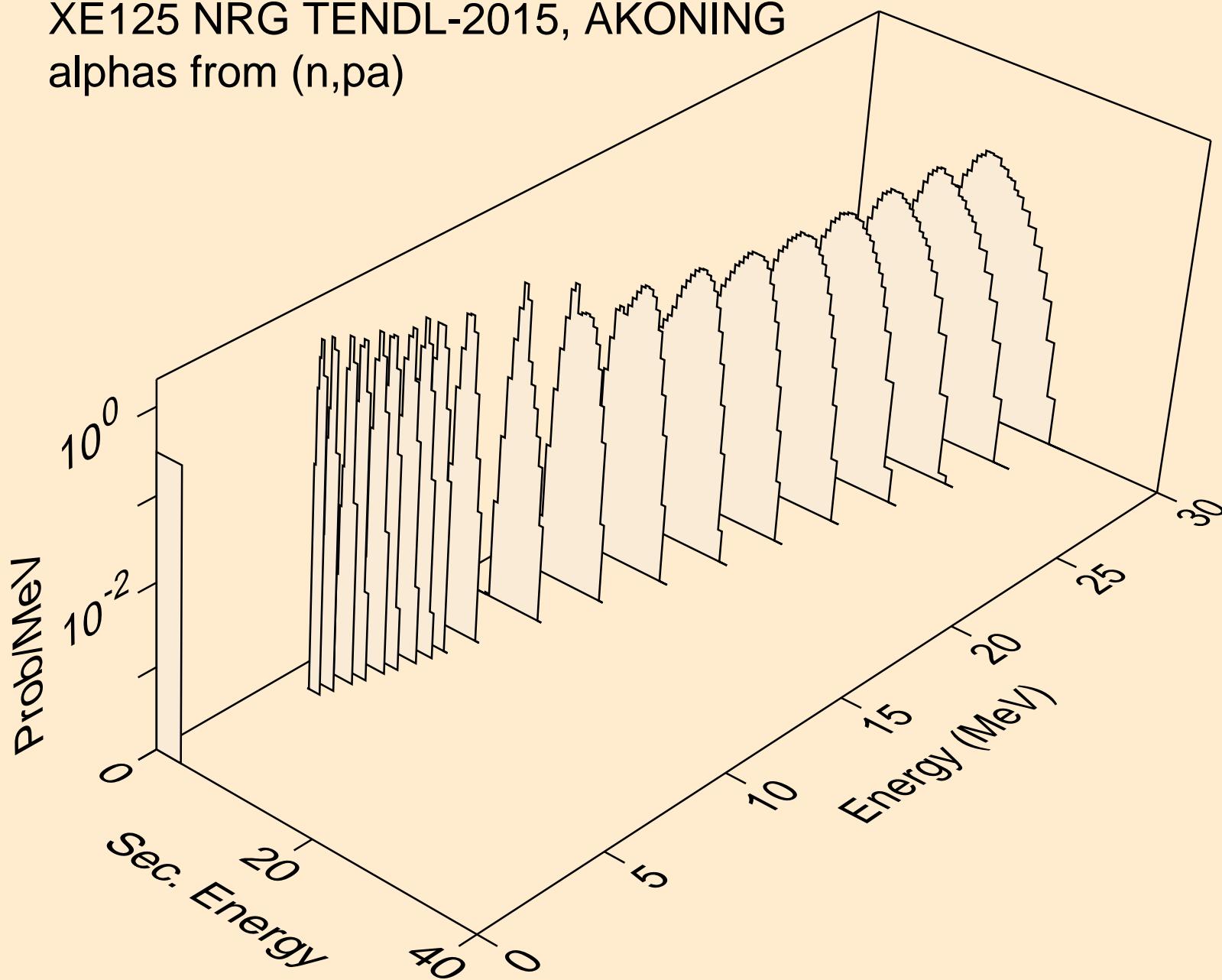
XE125 NRG TENDL-2015, AKONING  
alphas from (n,a)



XE125 NRG TENDL-2015, AKONING  
alphas from ( $n,2a$ )



XE125 NRG TENDL-2015, AKONING  
alphas from (n,pa)



XE125 NRG TENDL-2015, AKONING  
alphas from (n,da)

