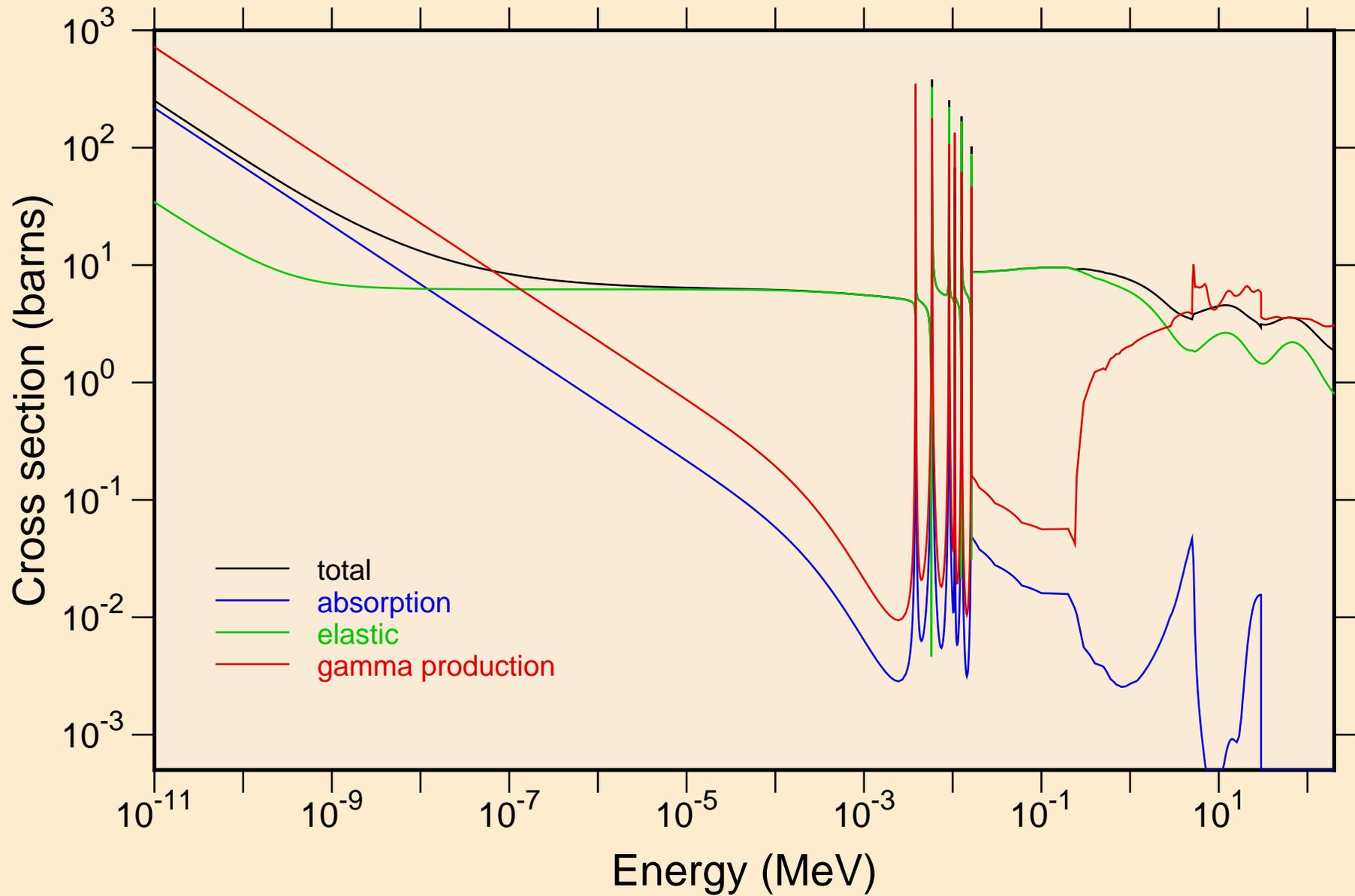
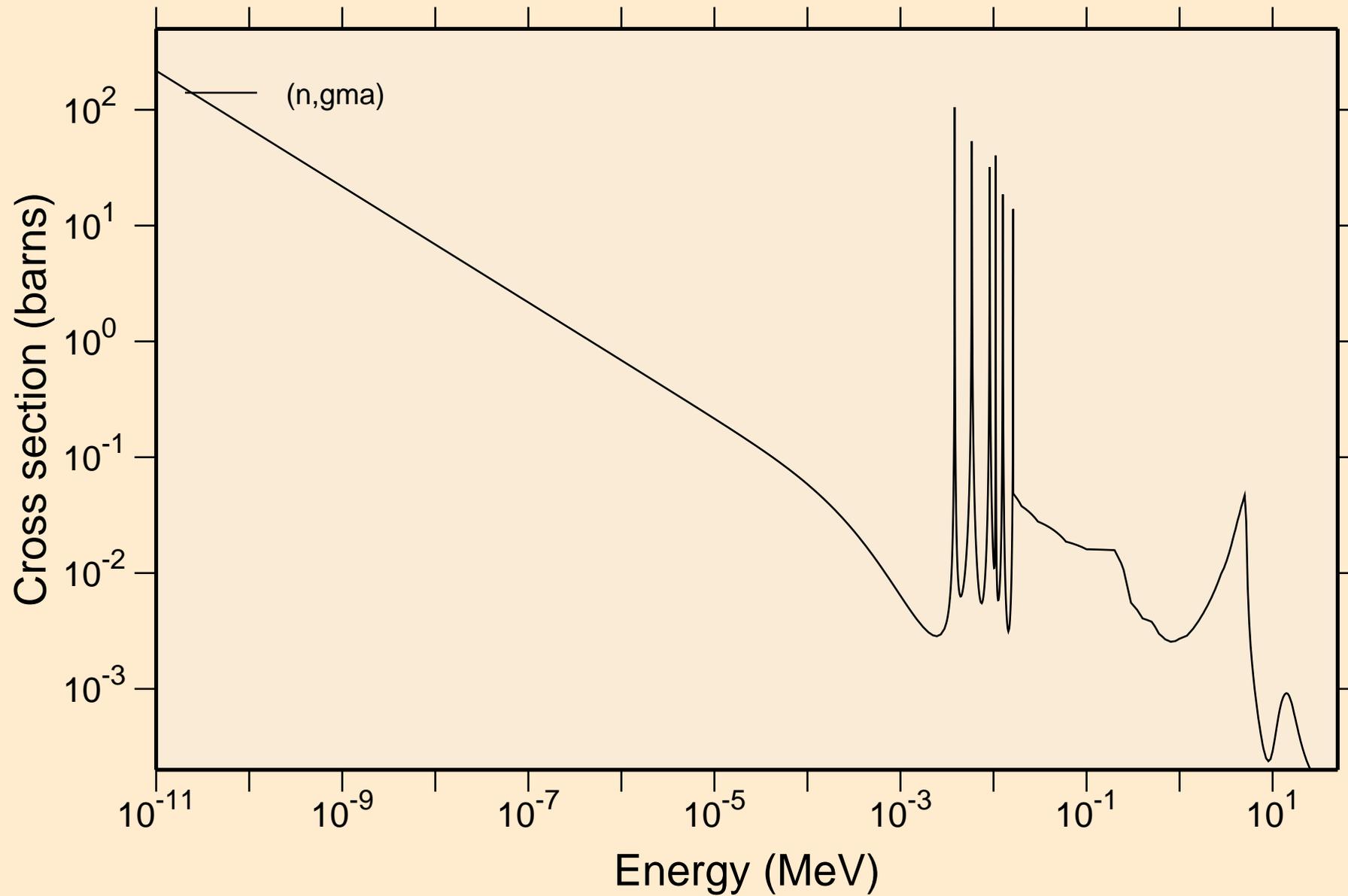


# RU112 NRG TENDL-2015, AKONING

## Principal cross sections

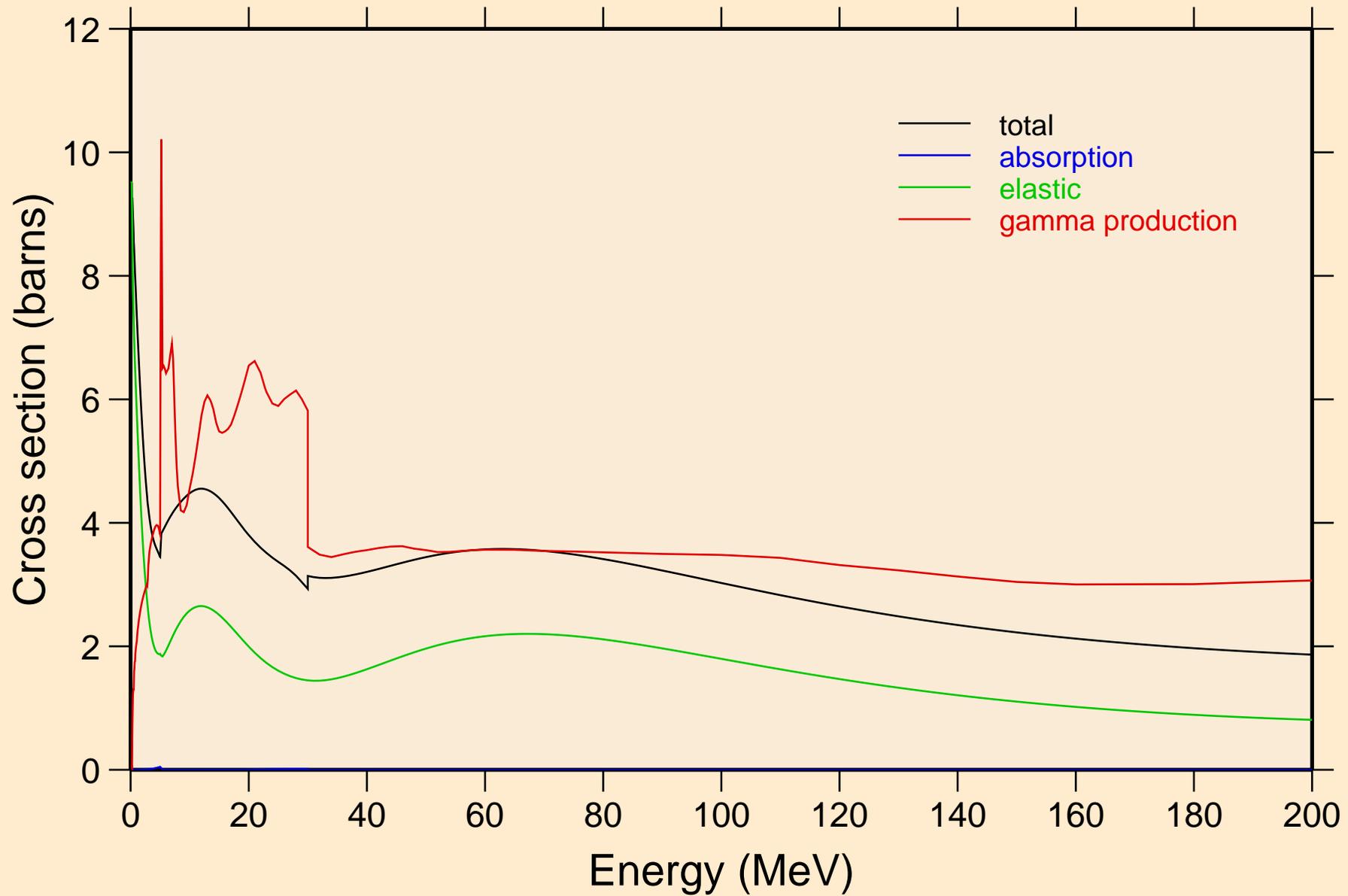


RU112 NRG TENDL-2015, AKONING  
Non-threshold reactions

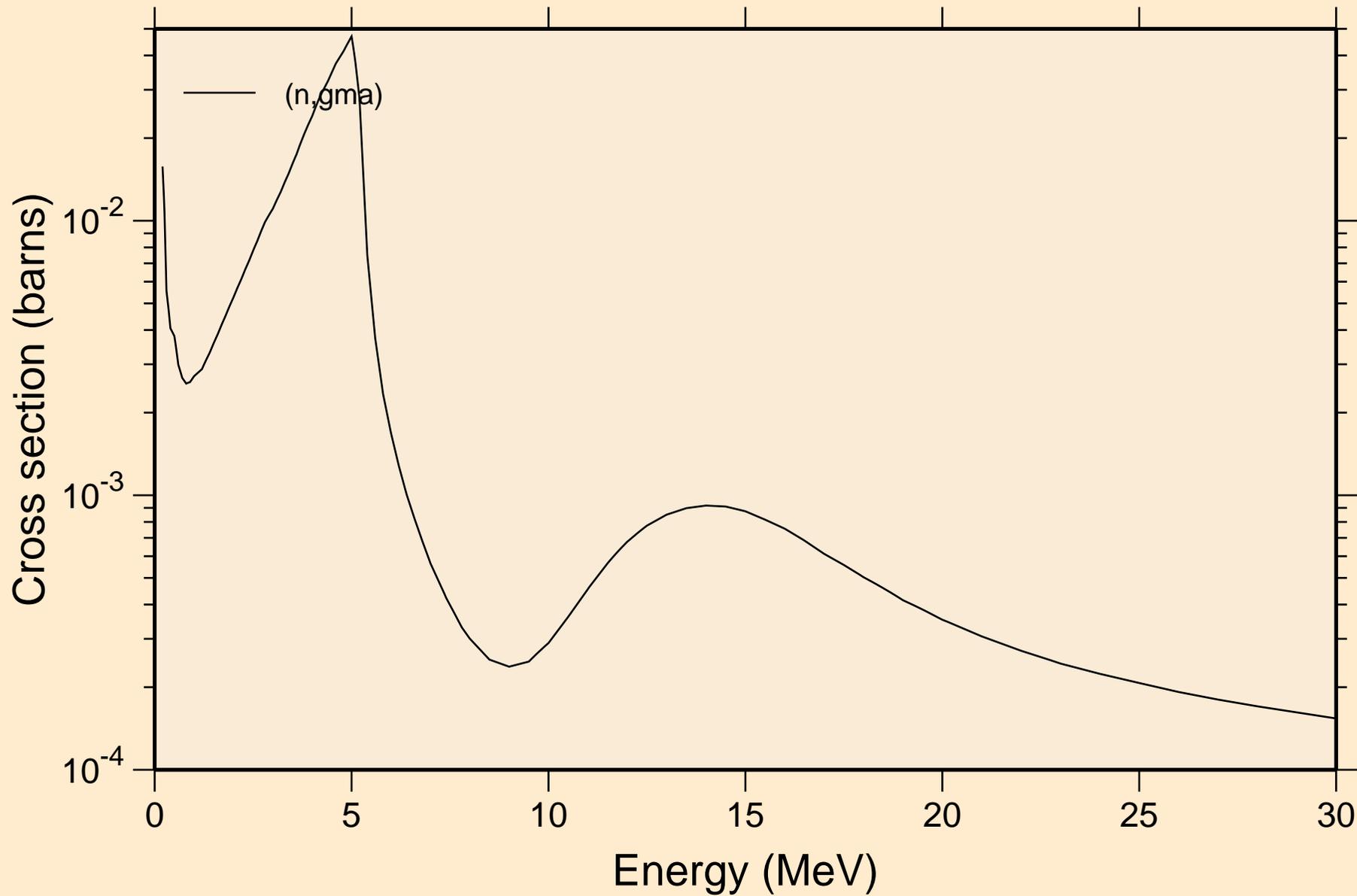


# RU112 NRG TENDL-2015, AKONING

## Principal cross sections

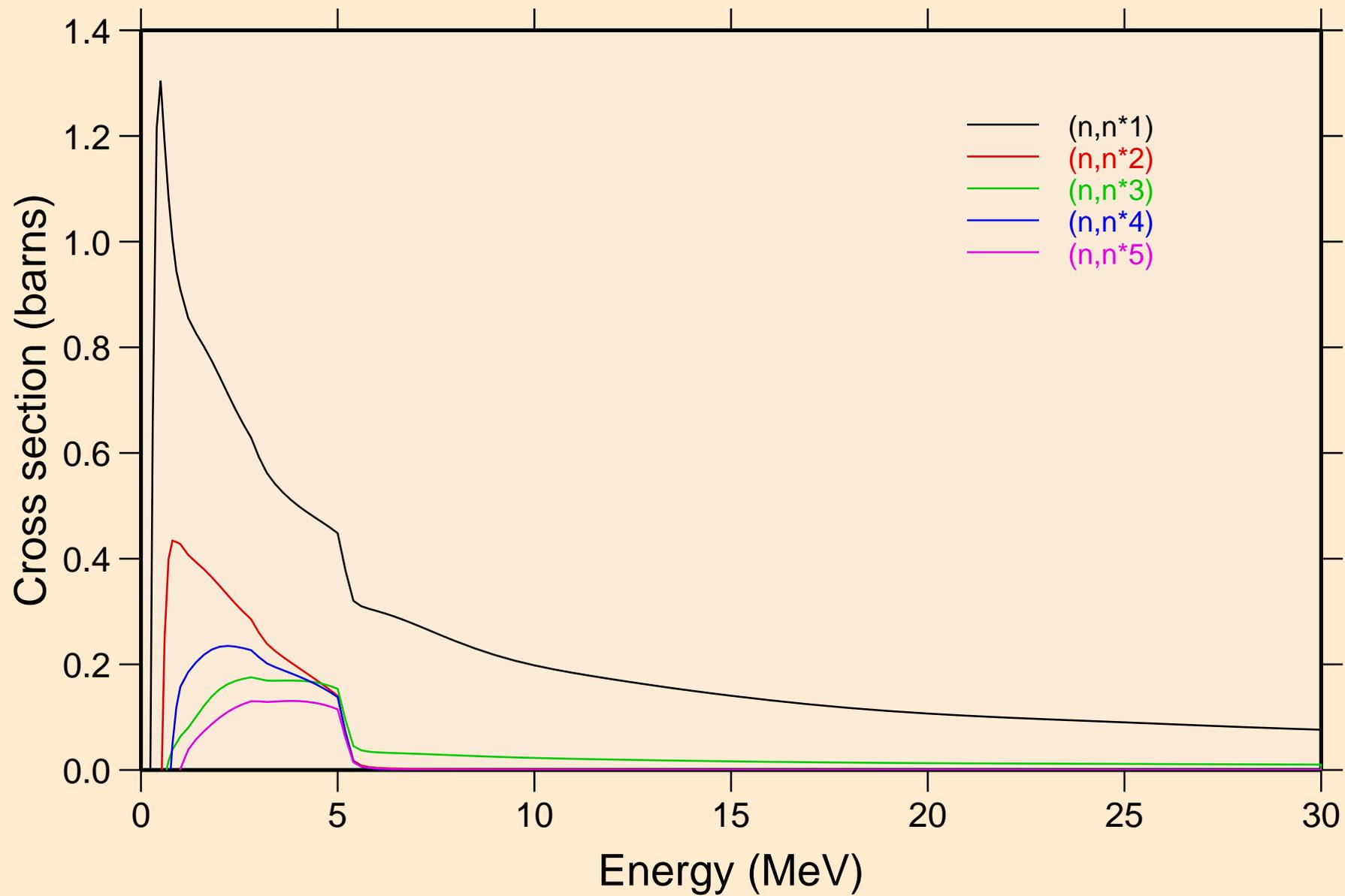


RU112 NRG TENDL-2015, AKONING  
Non-threshold reactions



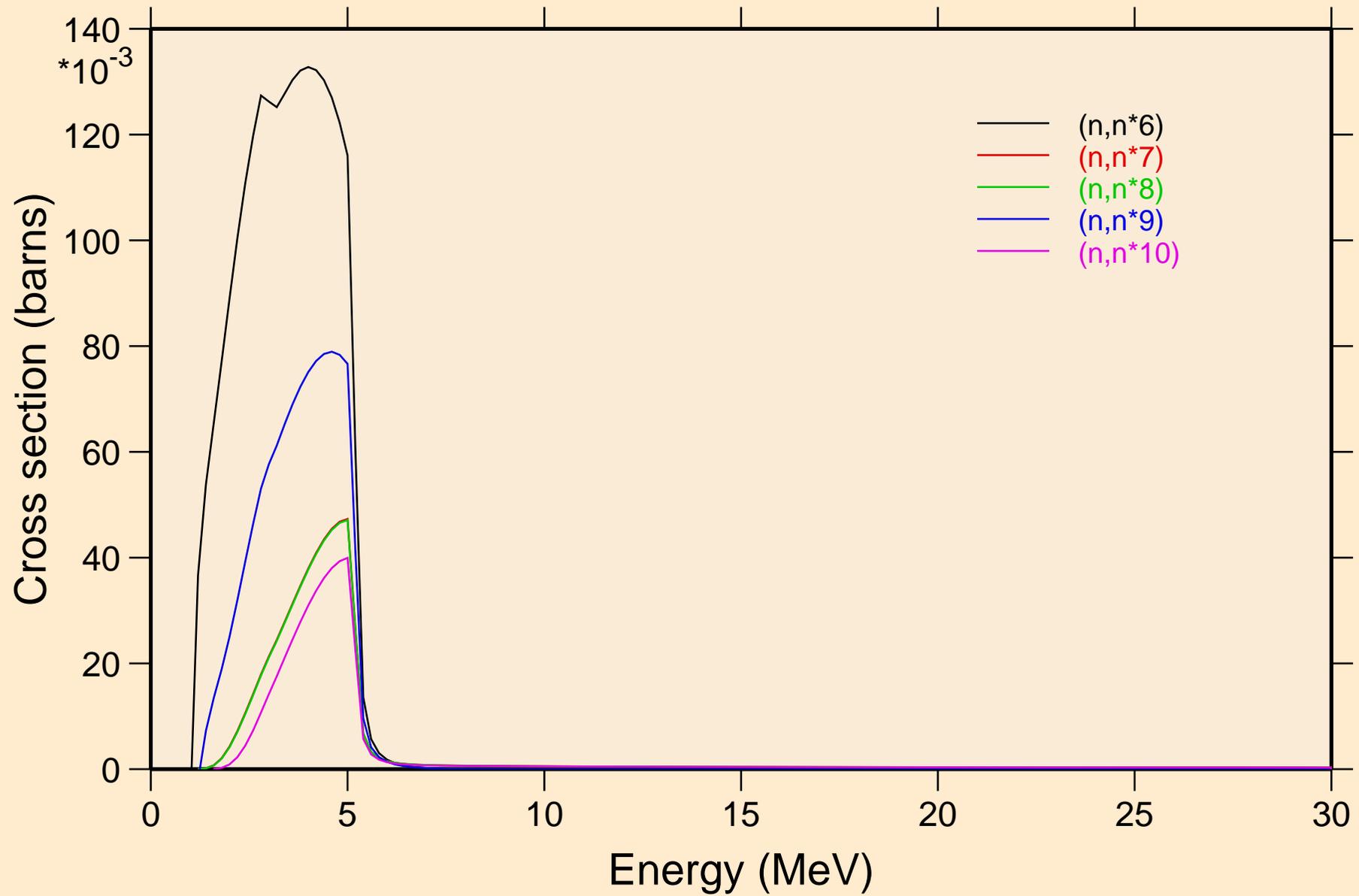
# RU112 NRG TENDL-2015, AKONING

## Inelastic levels



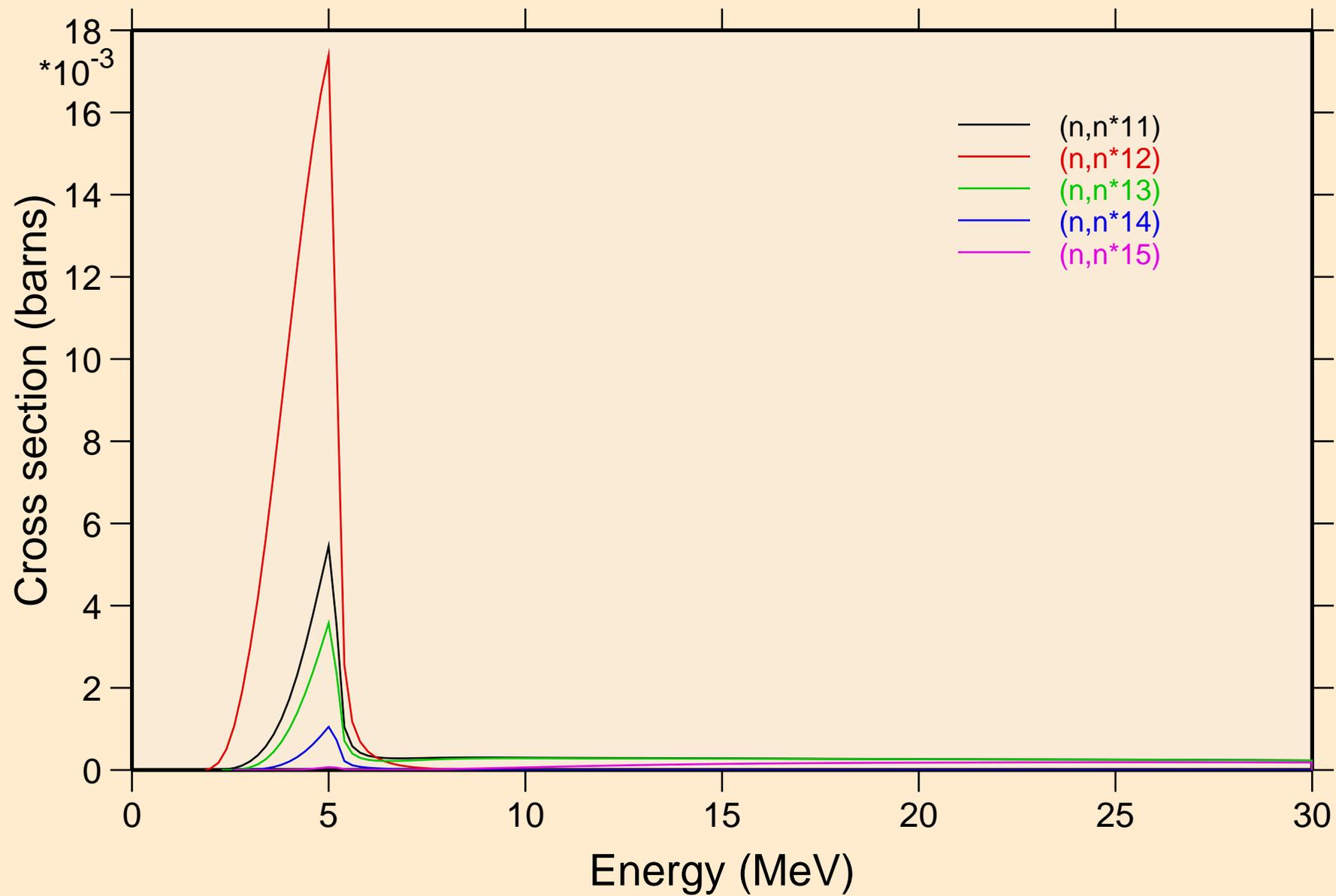
# RU112 NRG TENDL-2015, AKONING

## Inelastic levels



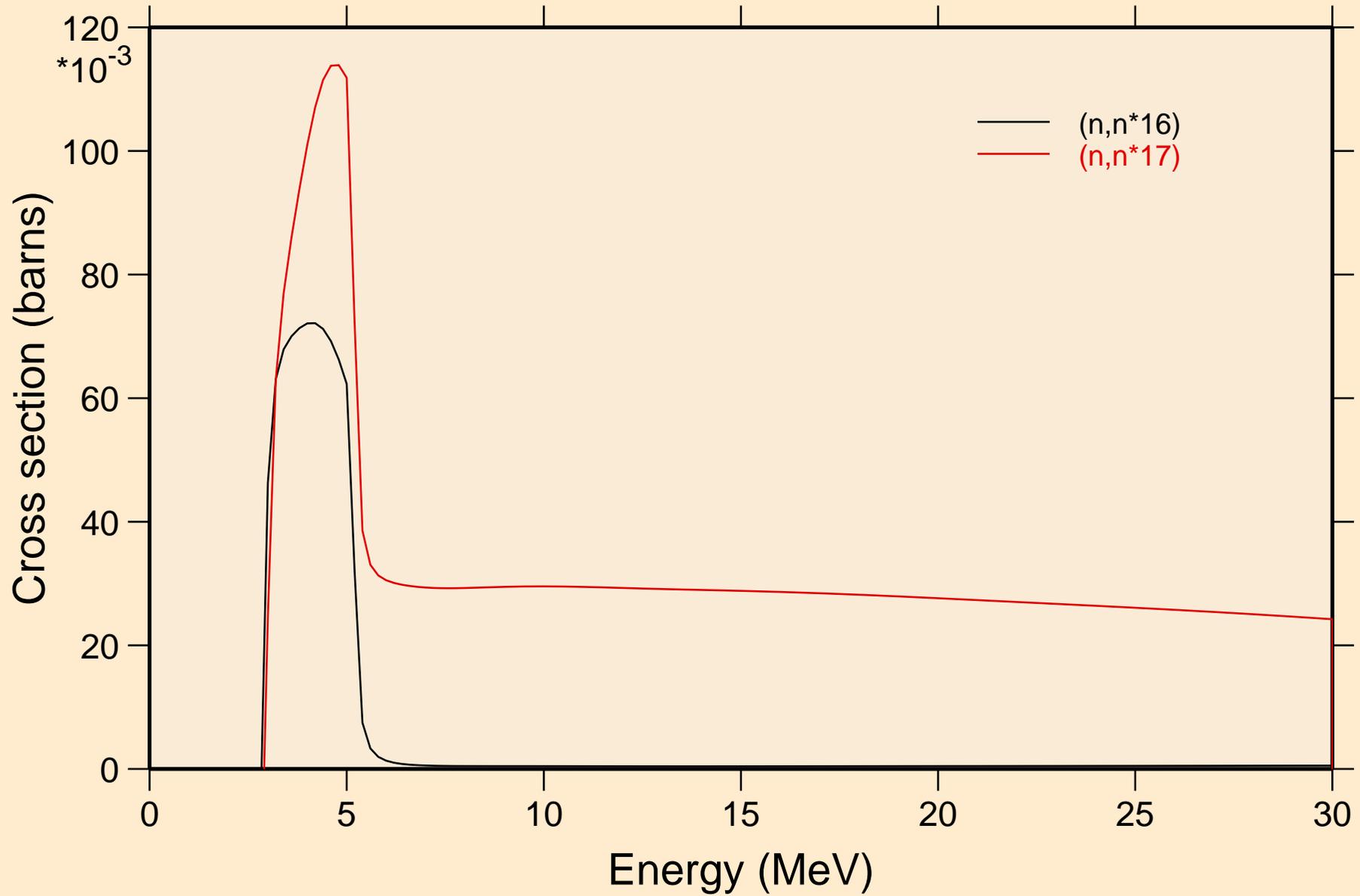
# RU112 NRG TENDL-2015, AKONING

## Inelastic levels



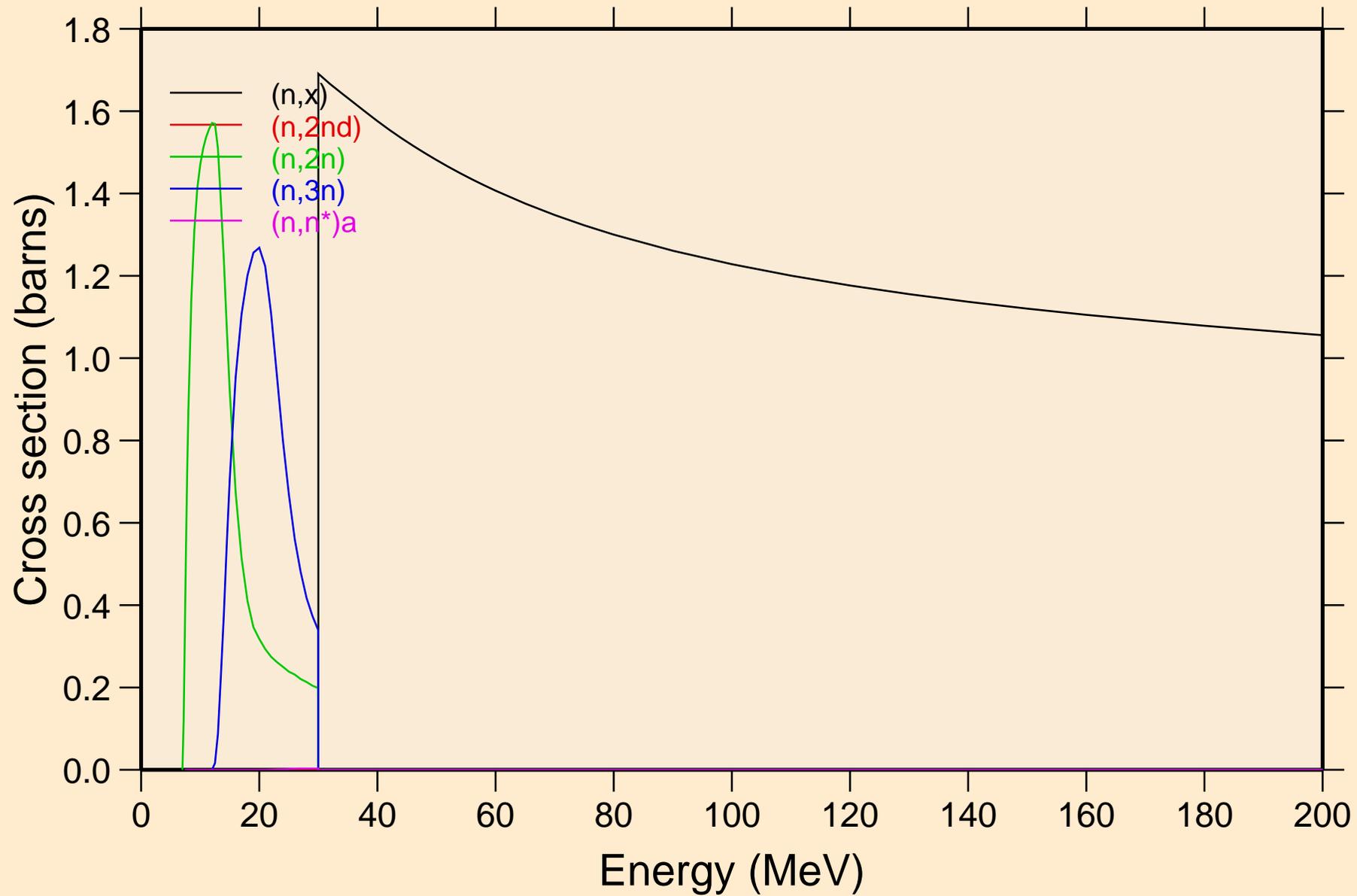
# RU112 NRG TENDL-2015, AKONING

## Inelastic levels



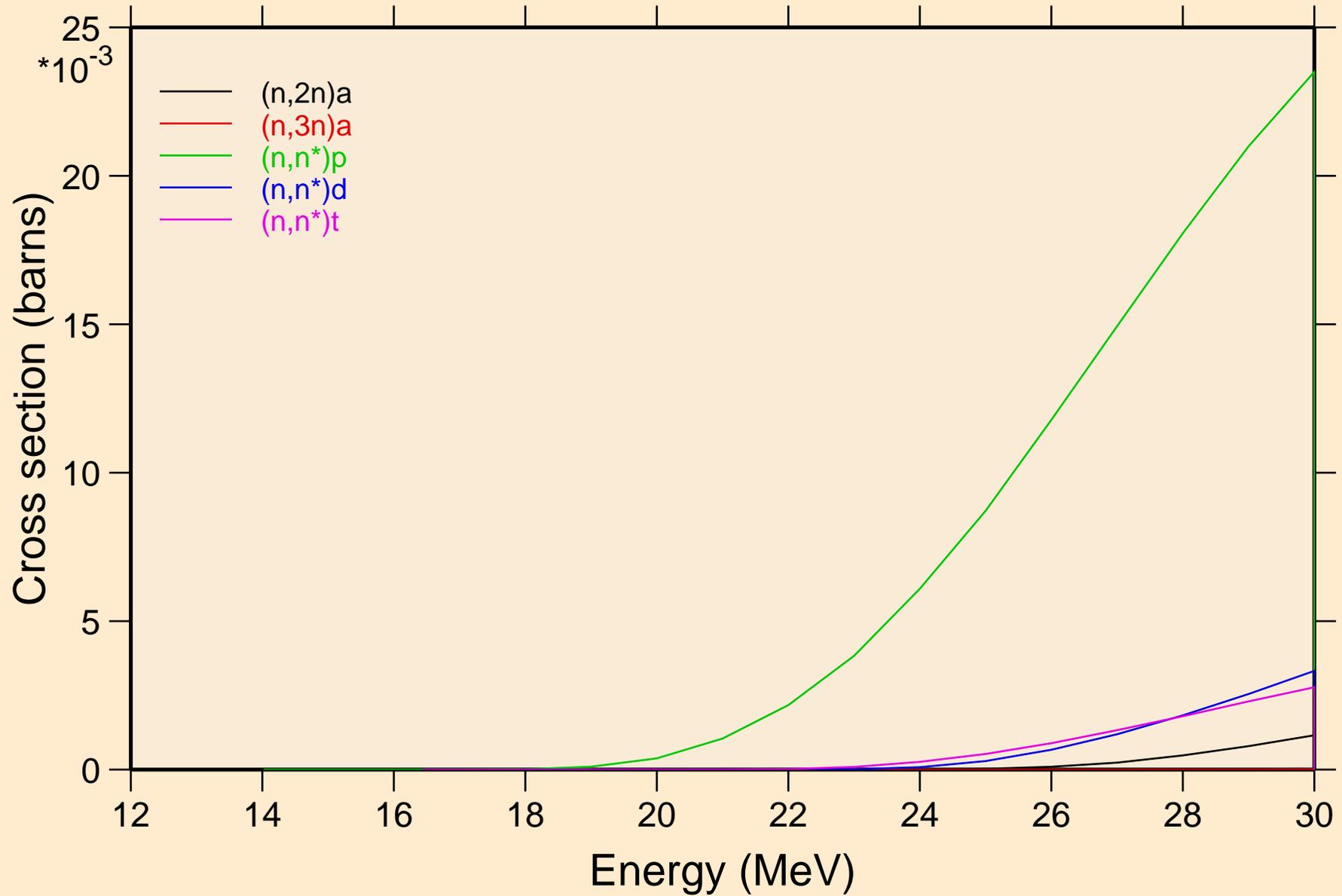
# RU112 NRG TENDL-2015, AKONING

## Threshold reactions



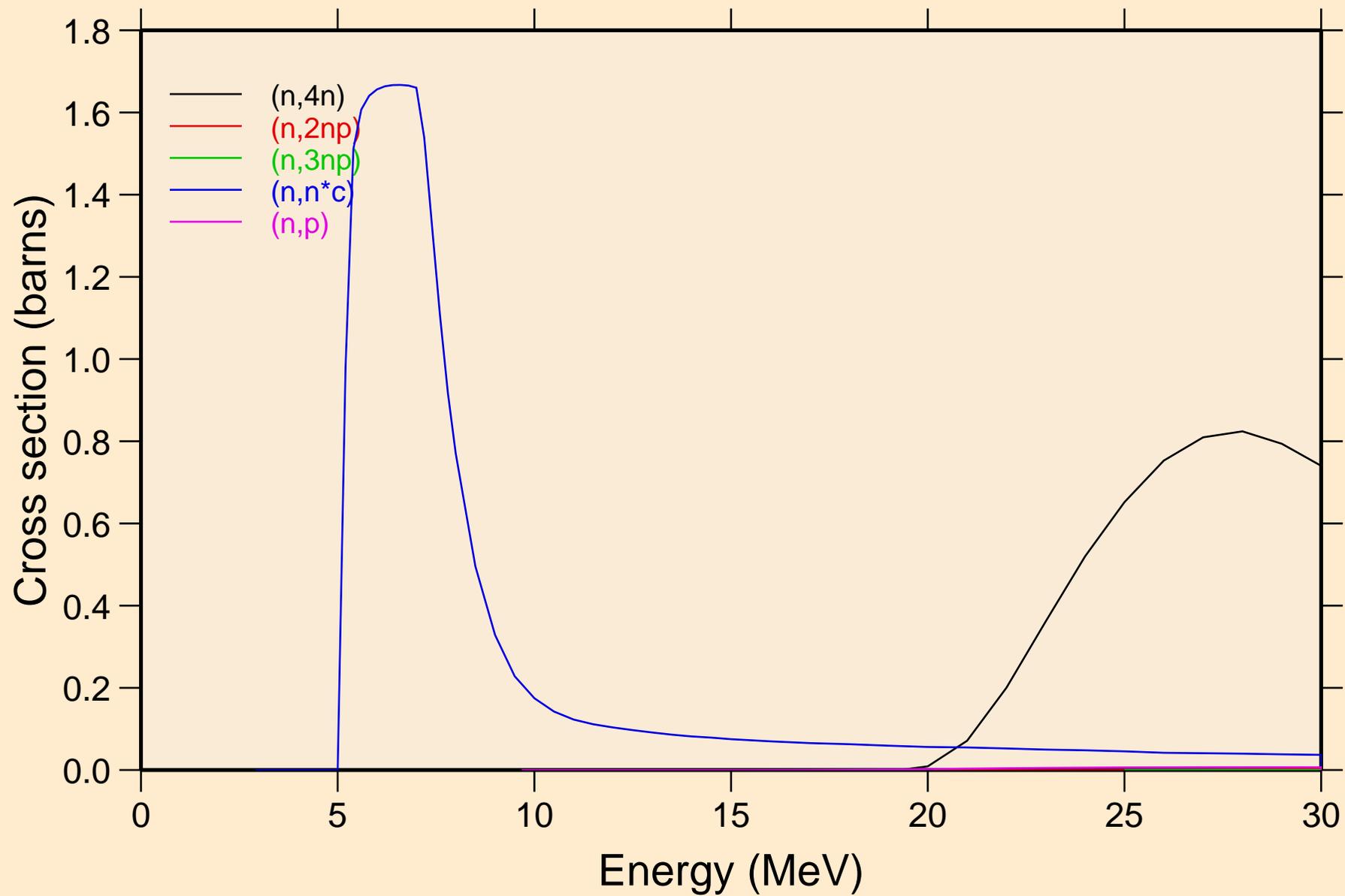
# RU112 NRG TENDL-2015, AKONING

## Threshold reactions



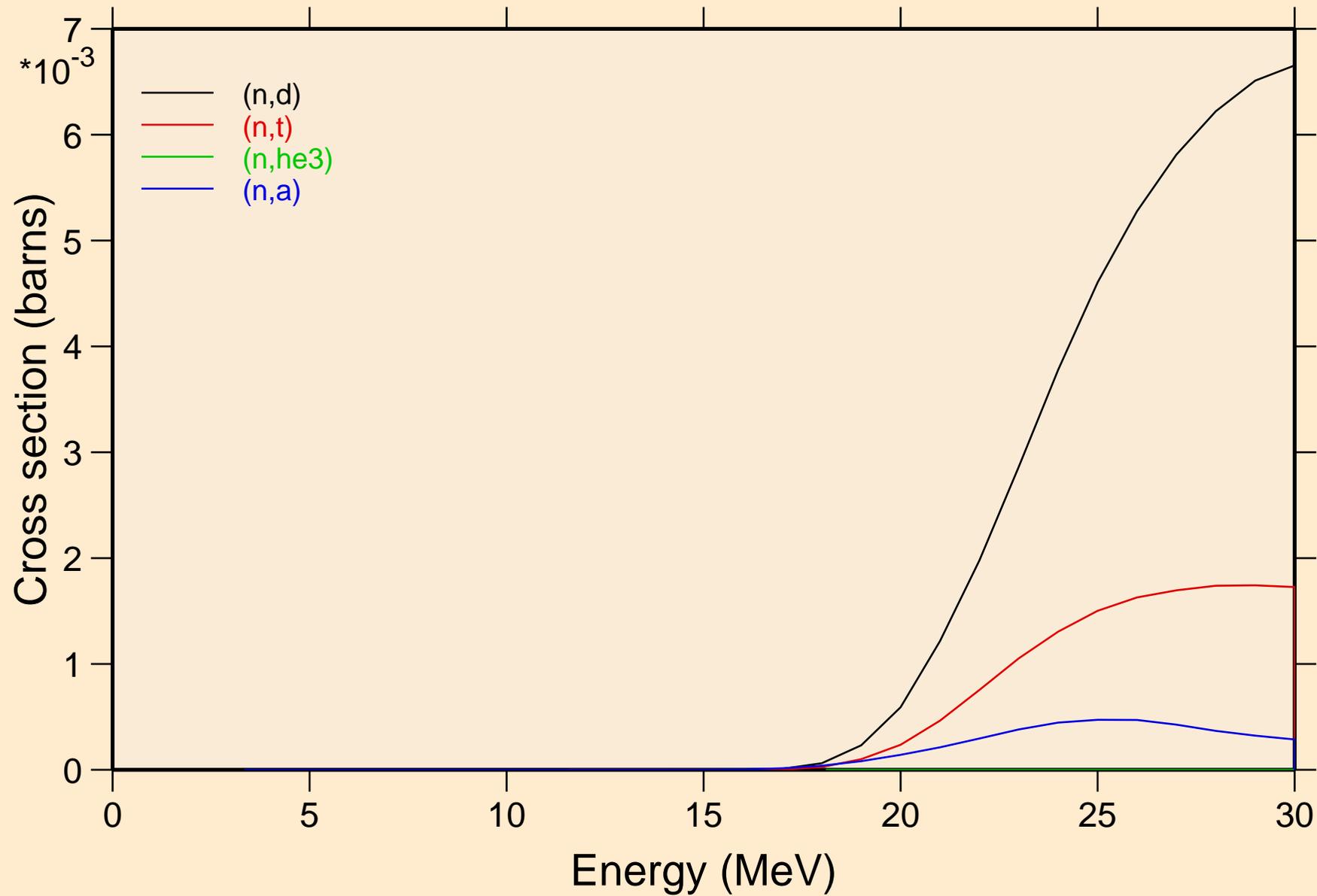
# RU112 NRG TENDL-2015, AKONING

## Threshold reactions

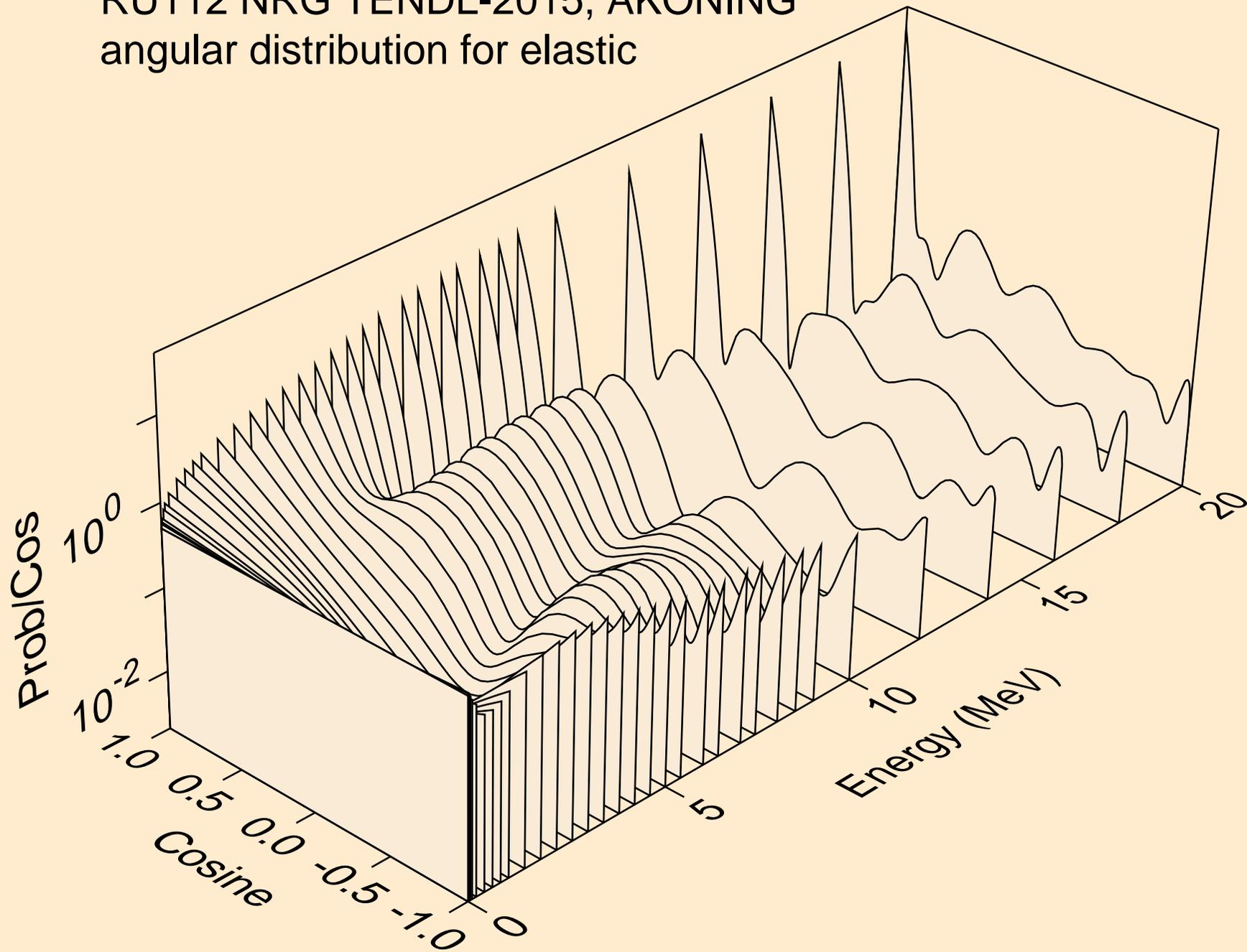


# RU112 NRG TENDL-2015, AKONING

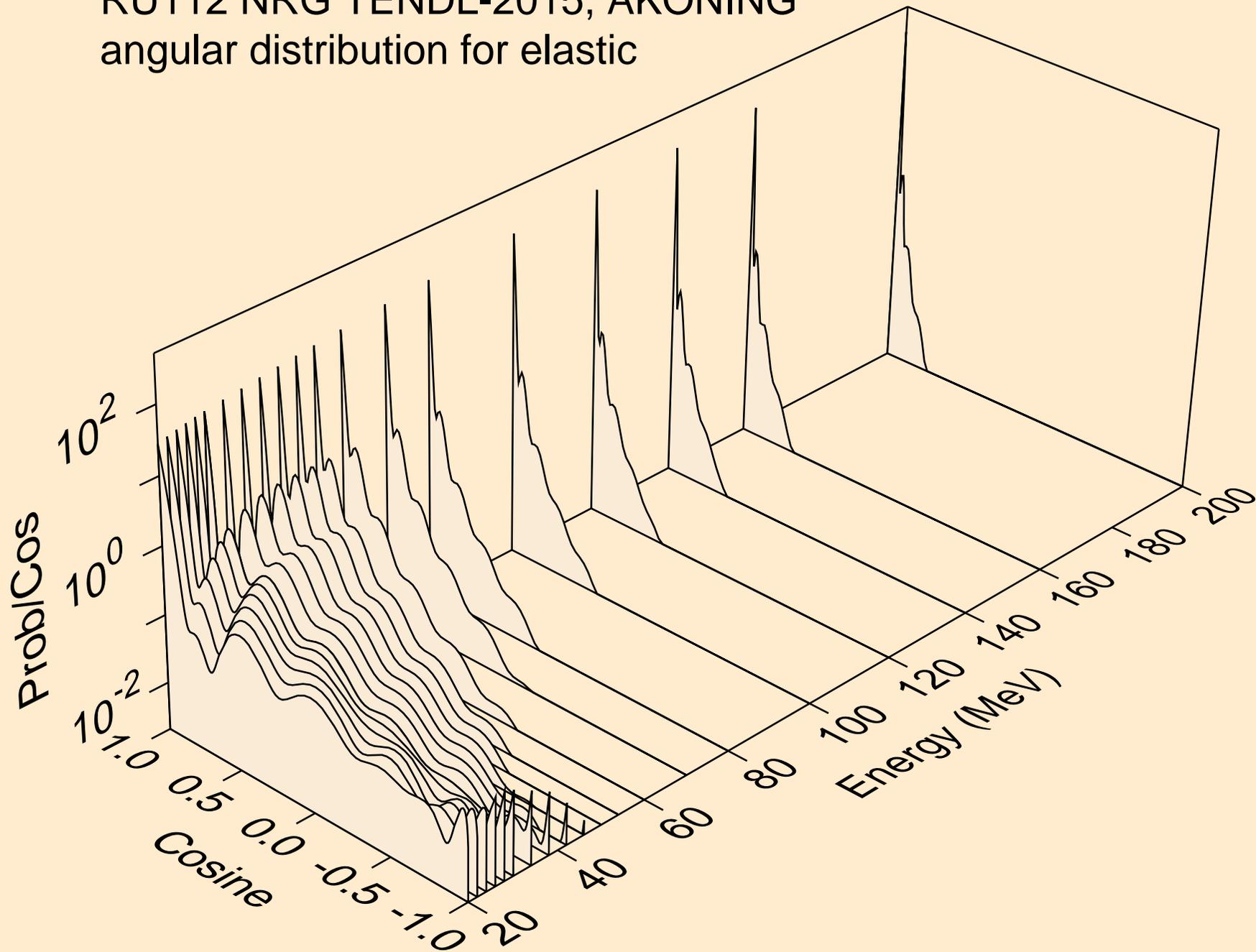
## Threshold reactions



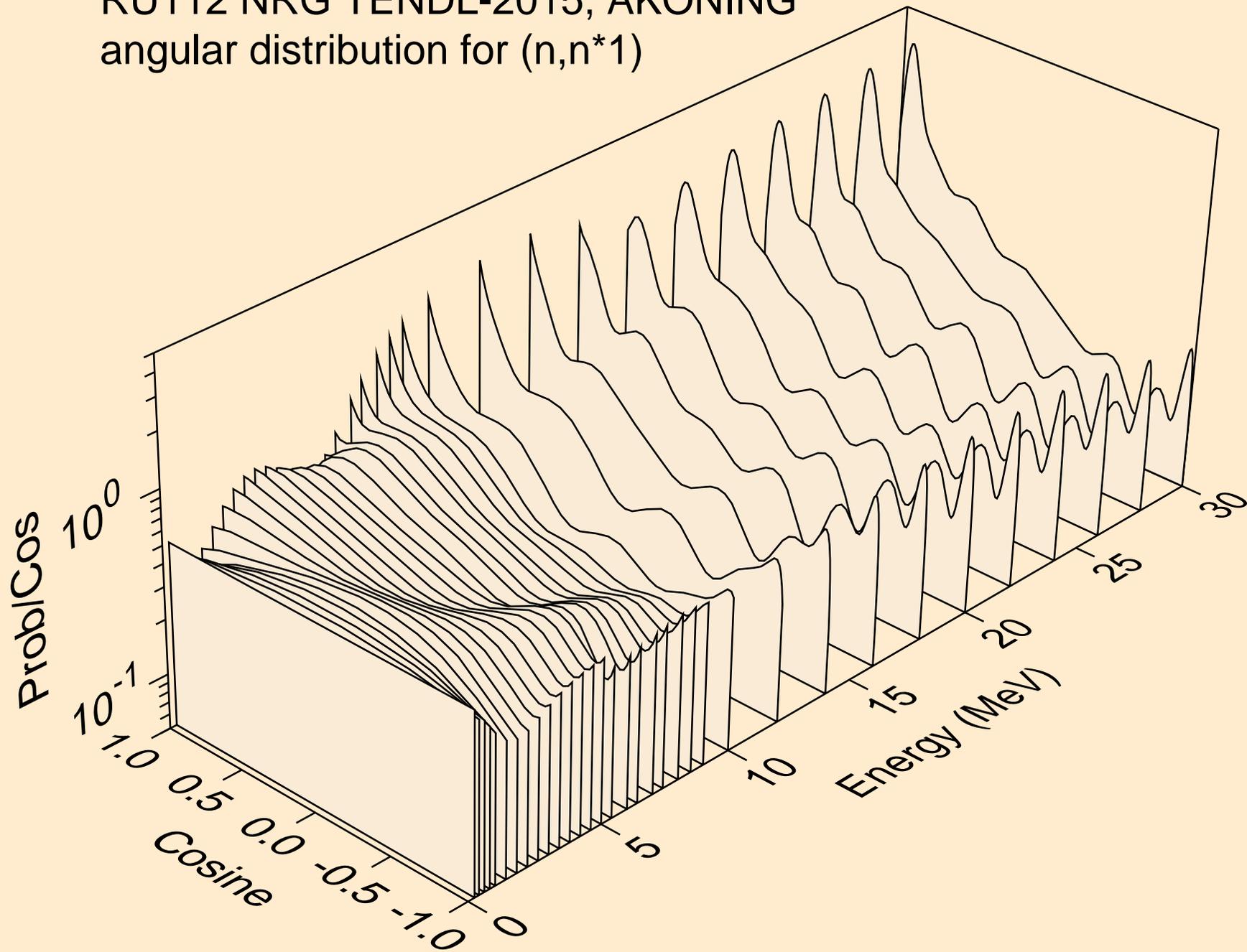
RU112 NRG TENDL-2015, AKONING  
angular distribution for elastic



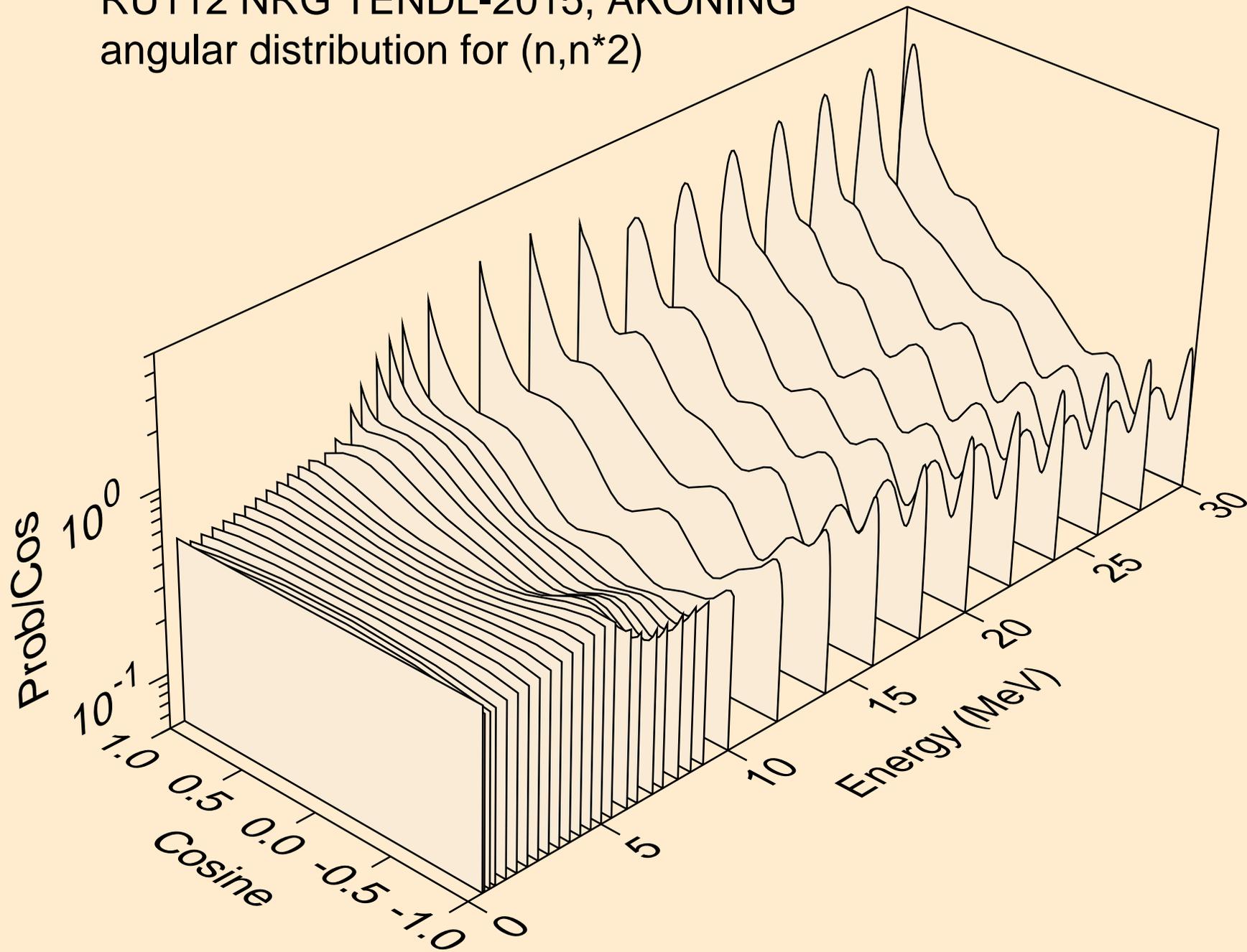
RU112 NRG TENDL-2015, AKONING  
angular distribution for elastic



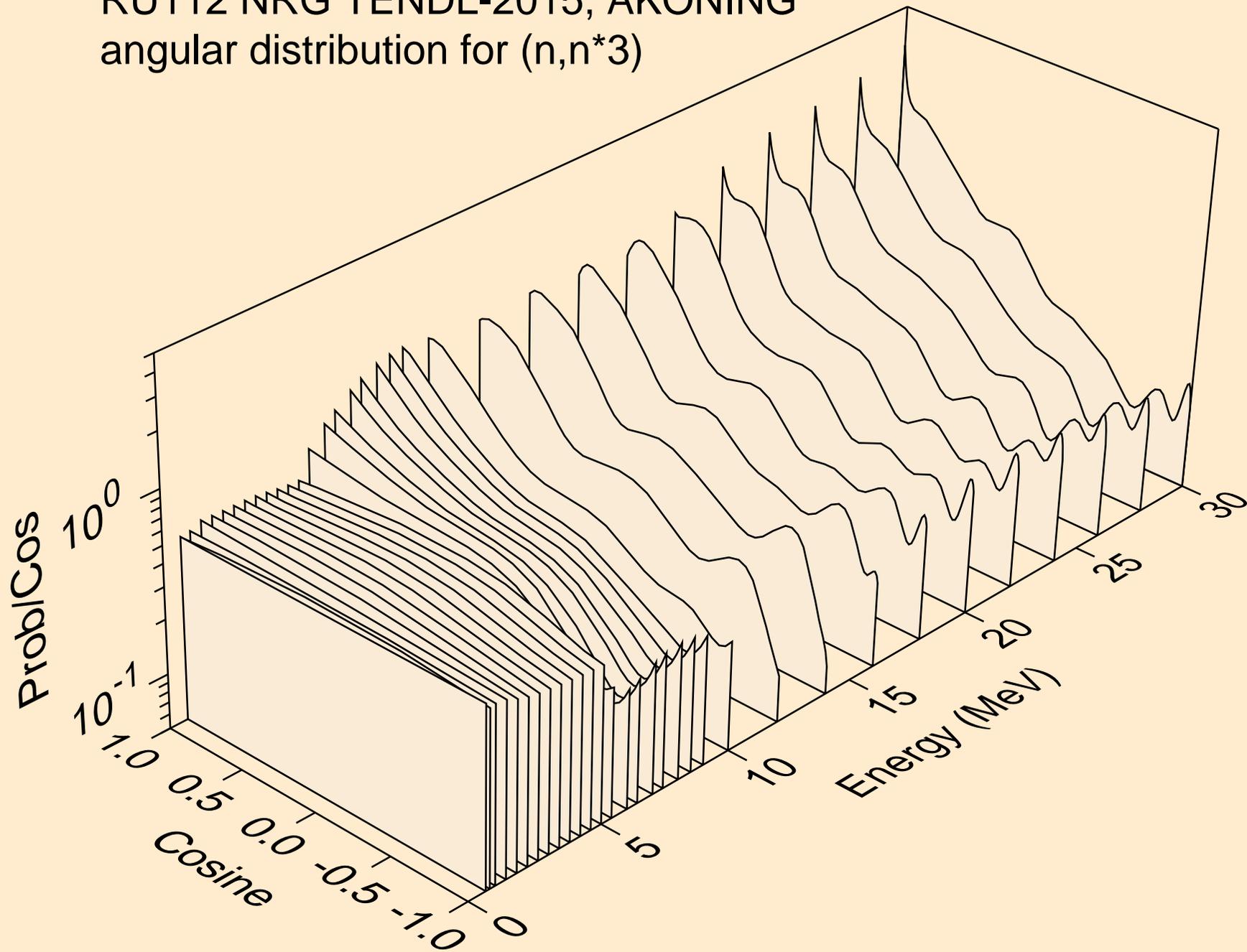
RU112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



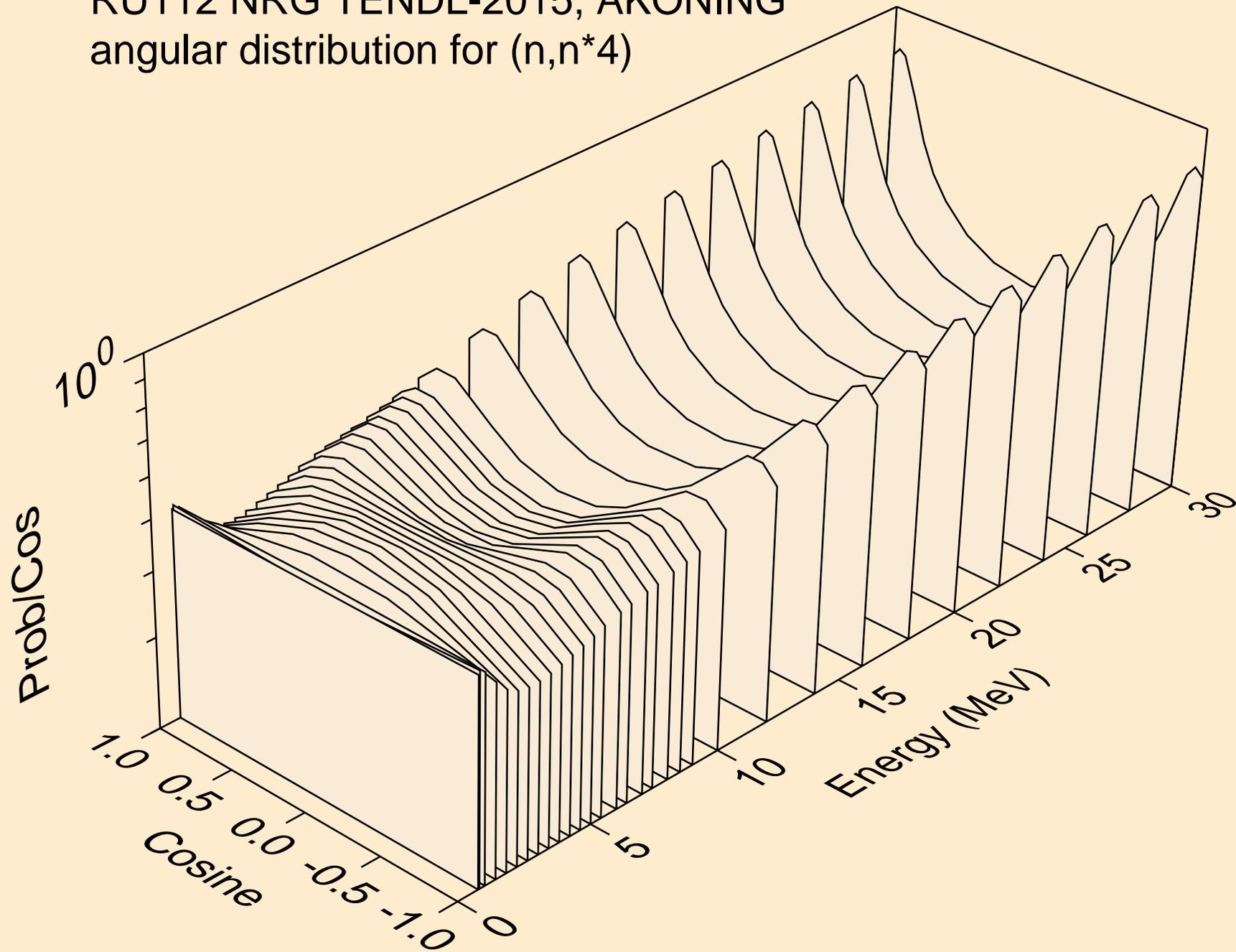
RU112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



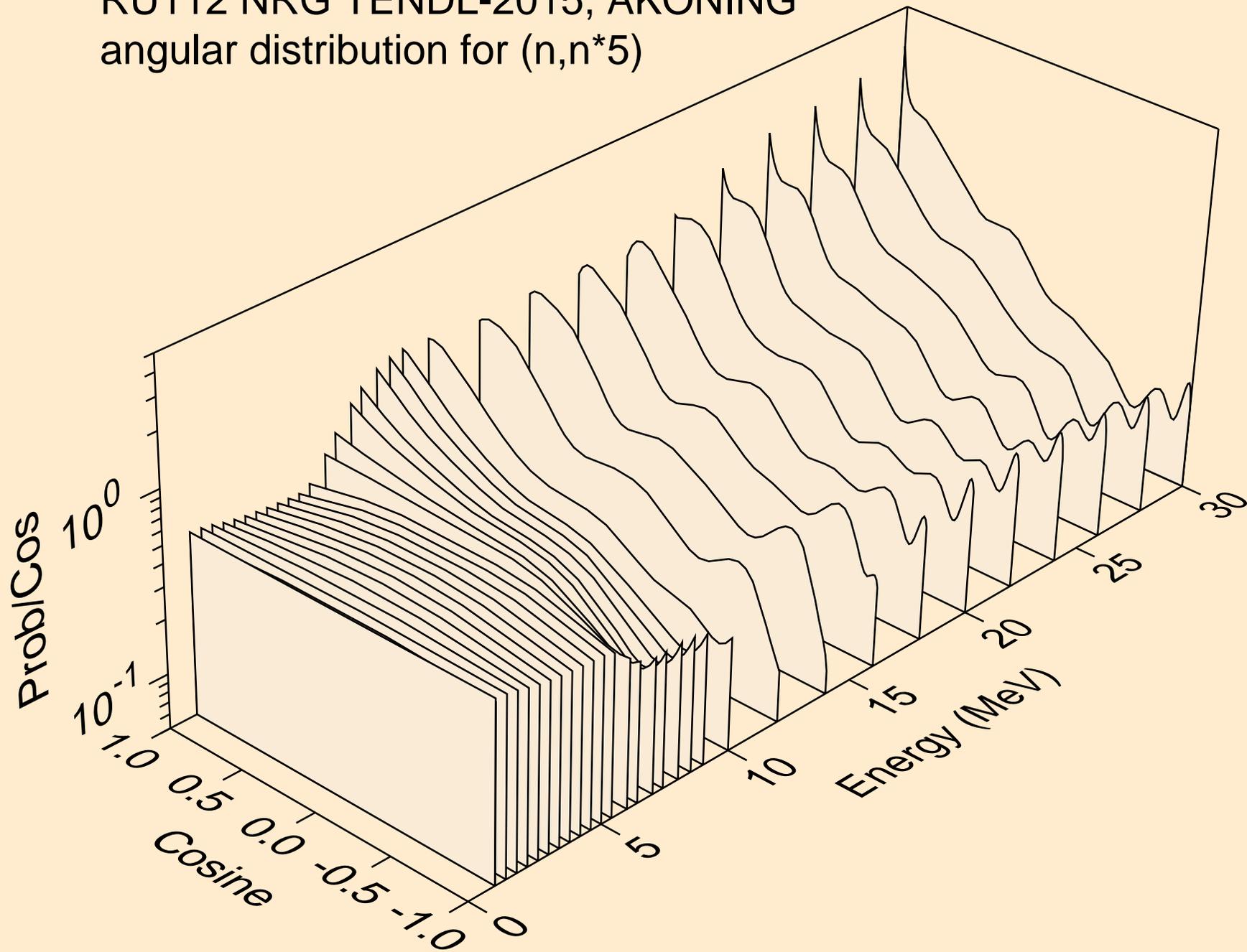
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angular distribution for (n,n\*3)



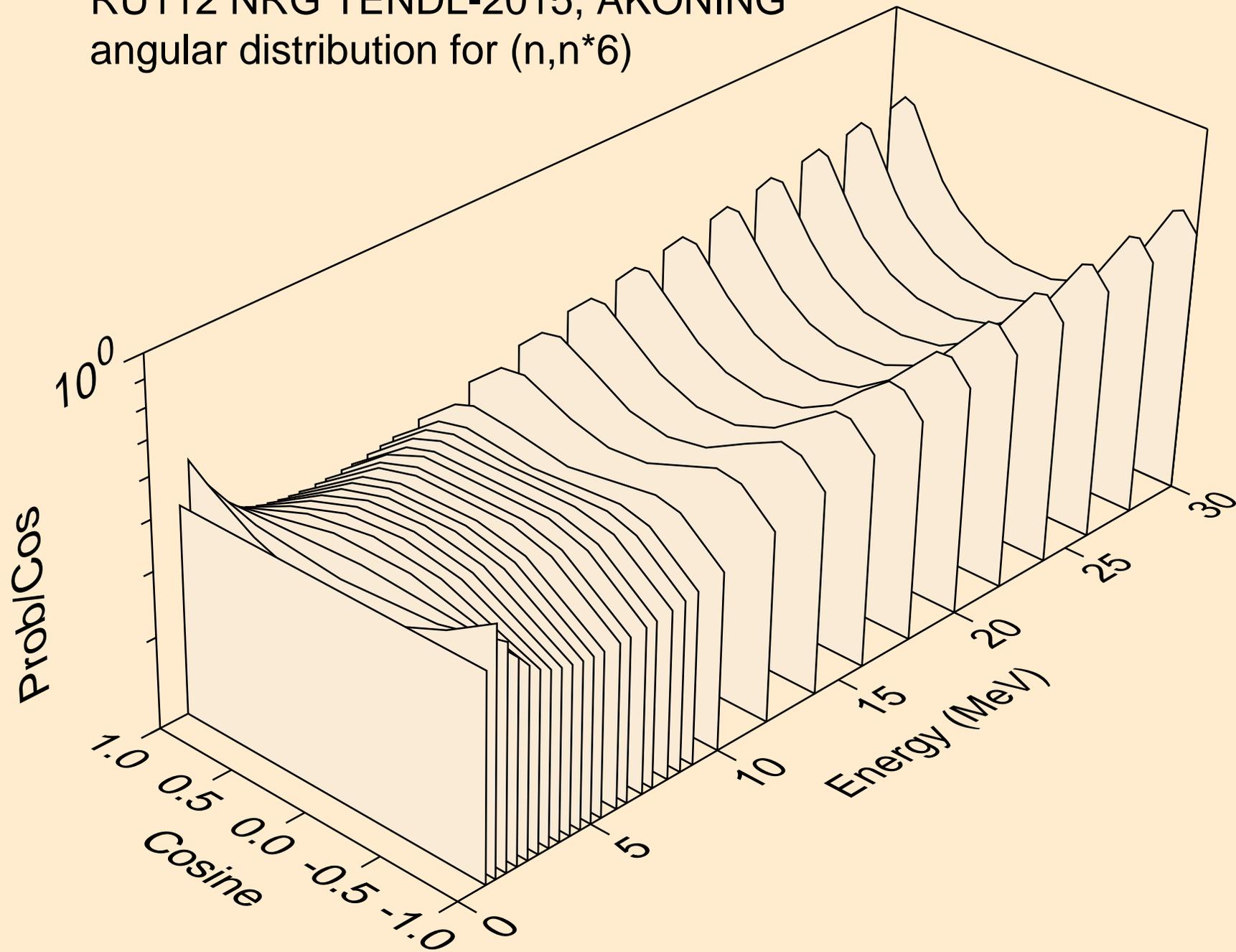
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angular distribution for (n,n\*4)



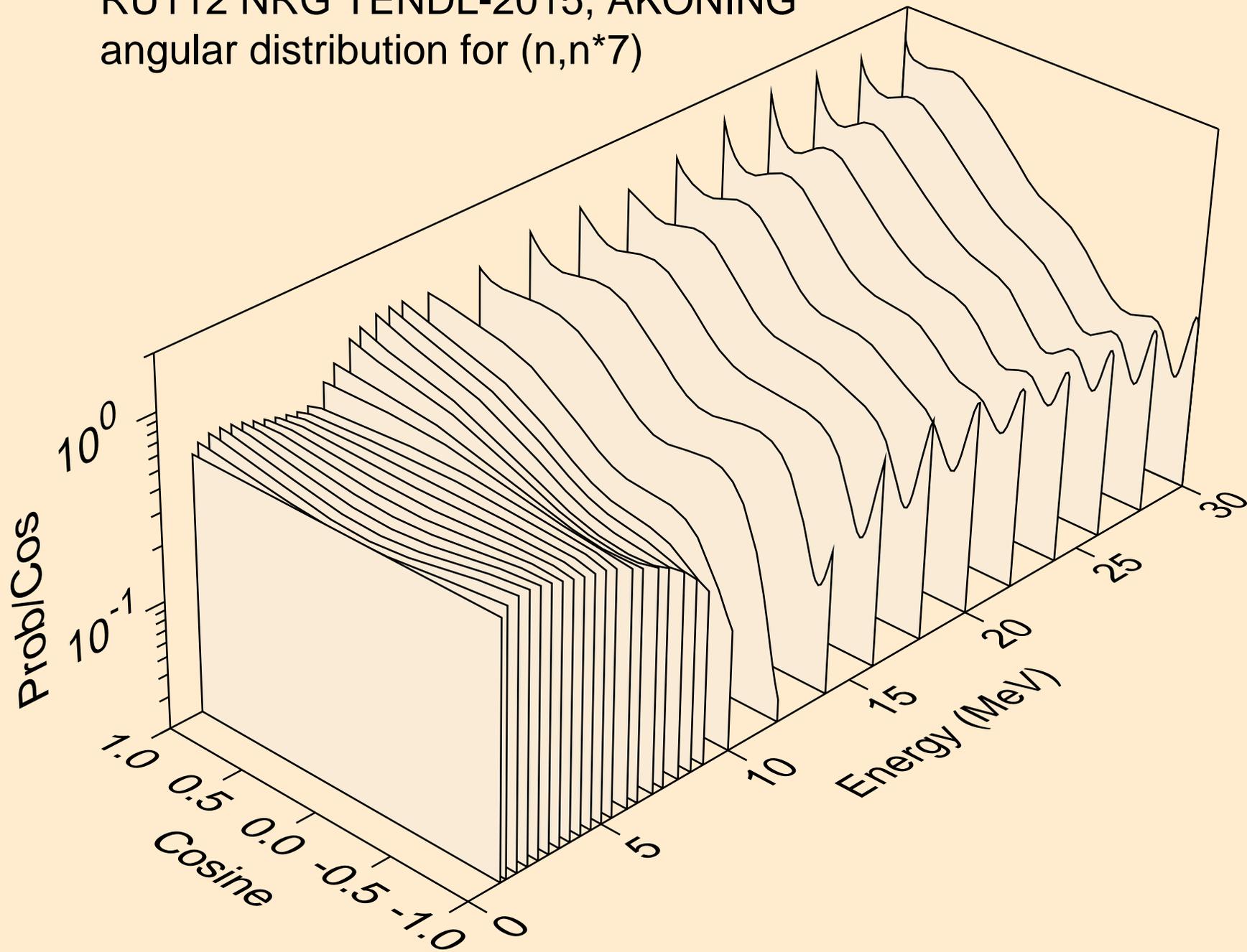
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angular distribution for (n,n\*5)



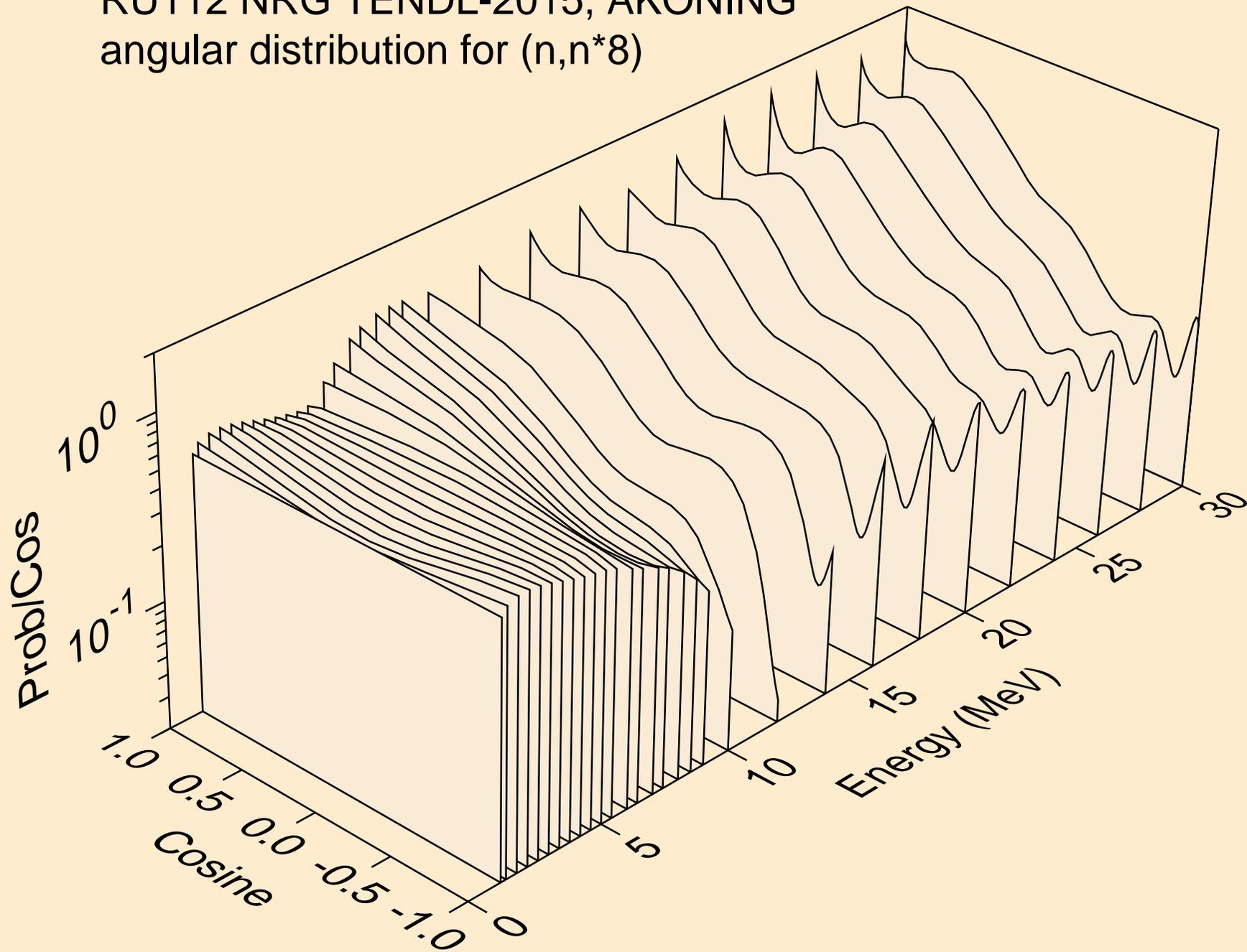
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angular distribution for (n,n\*6)



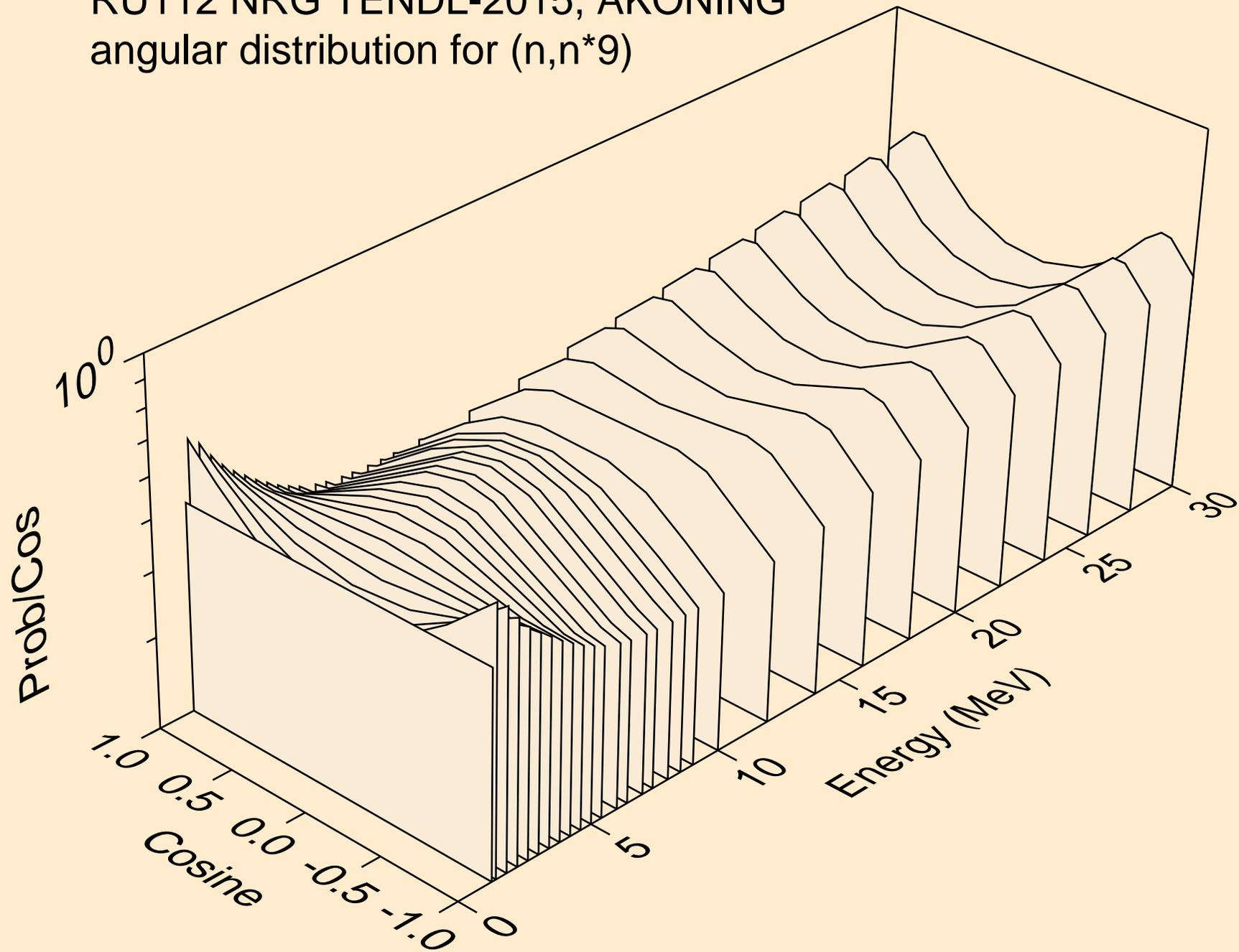
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angular distribution for (n,n\*7)



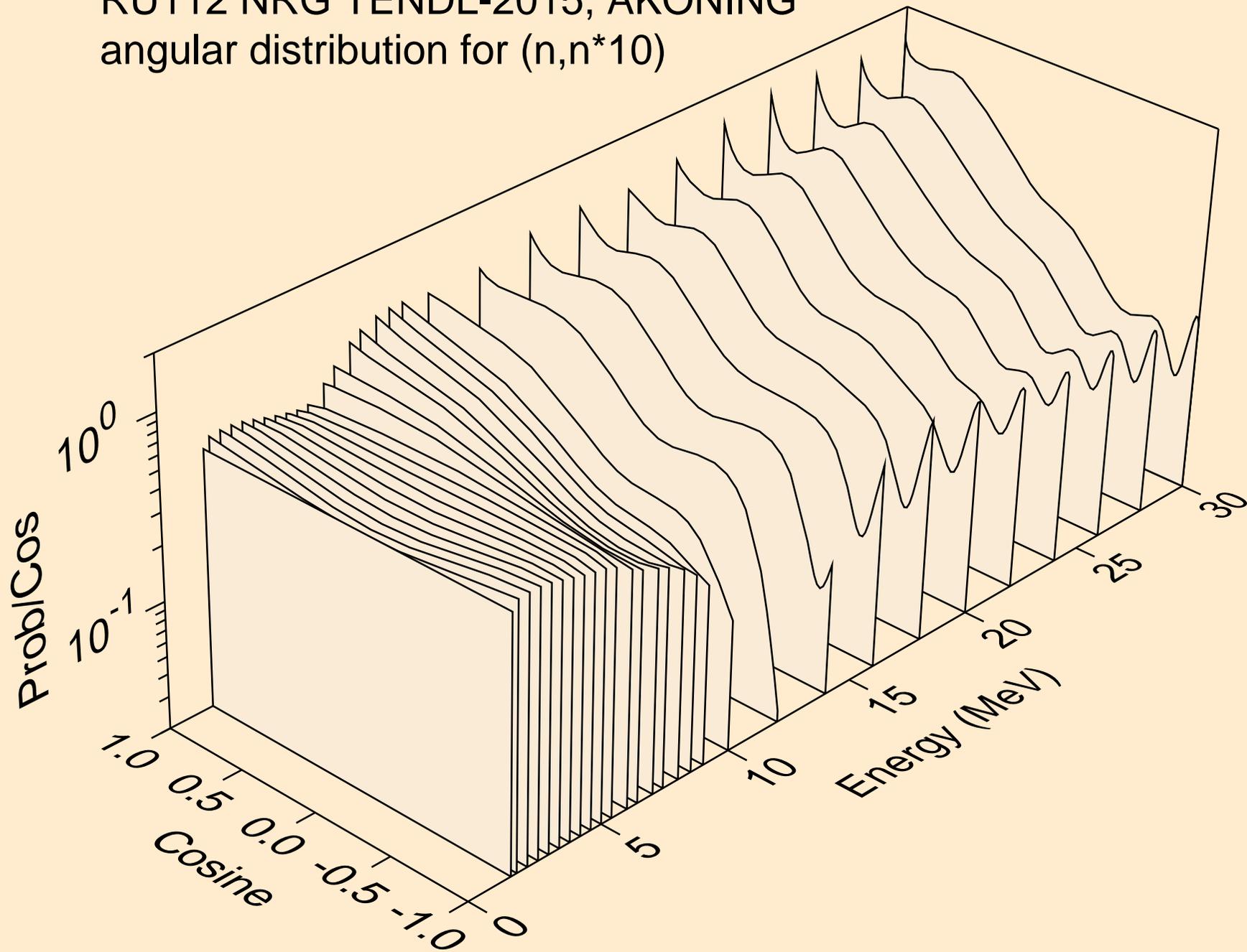
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angular distribution for (n,n\*8)



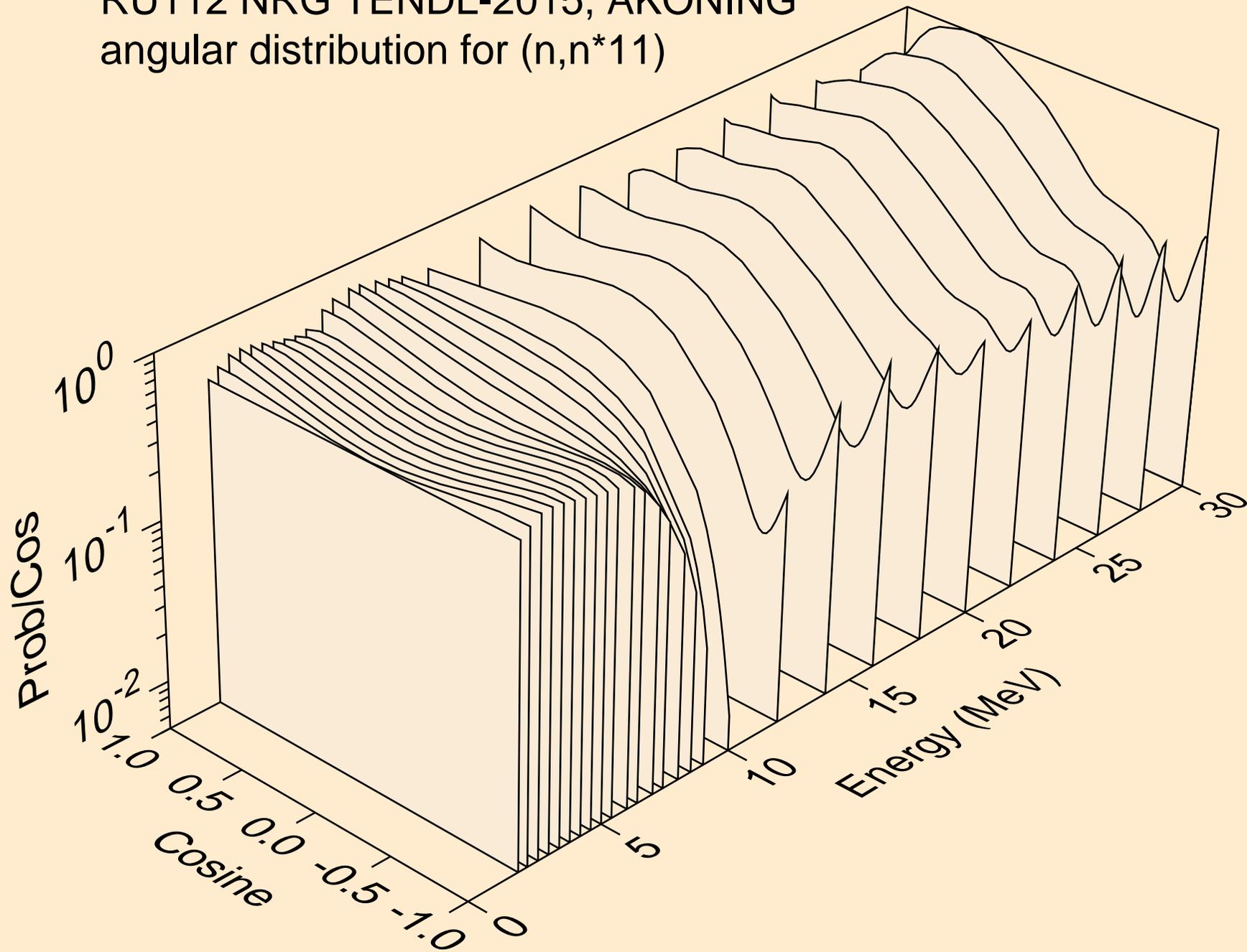
RU112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



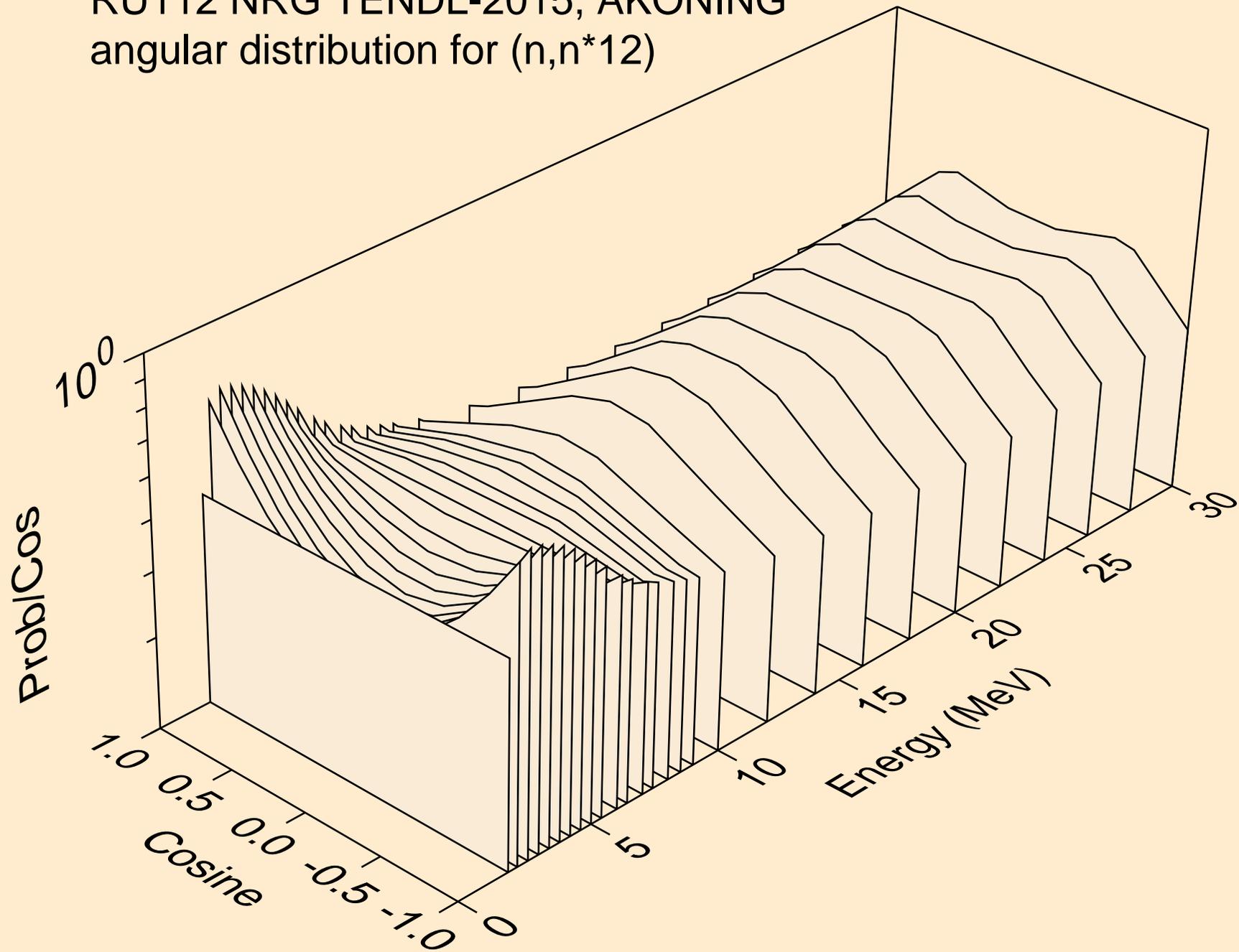
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angular distribution for (n,n\*10)



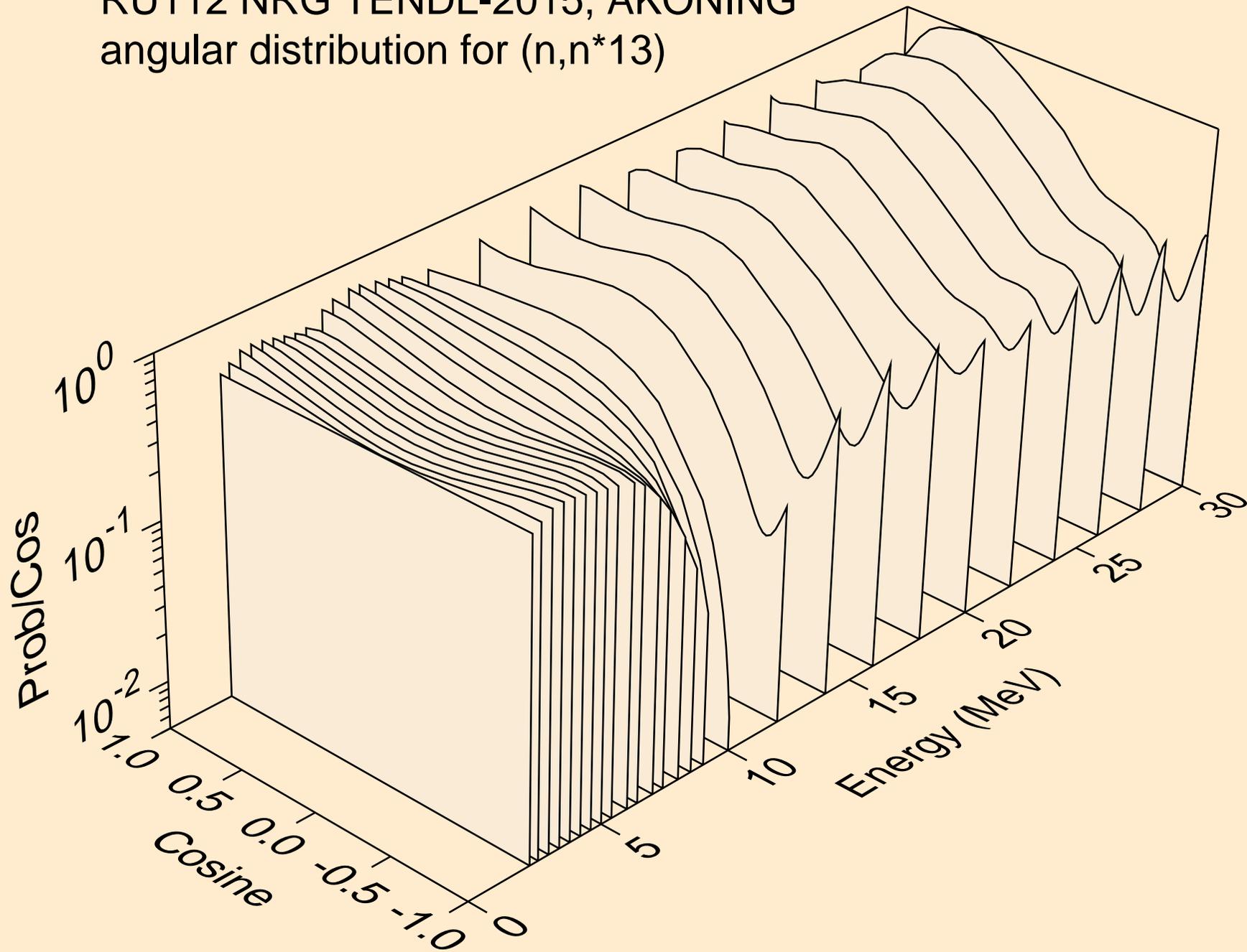
RU112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



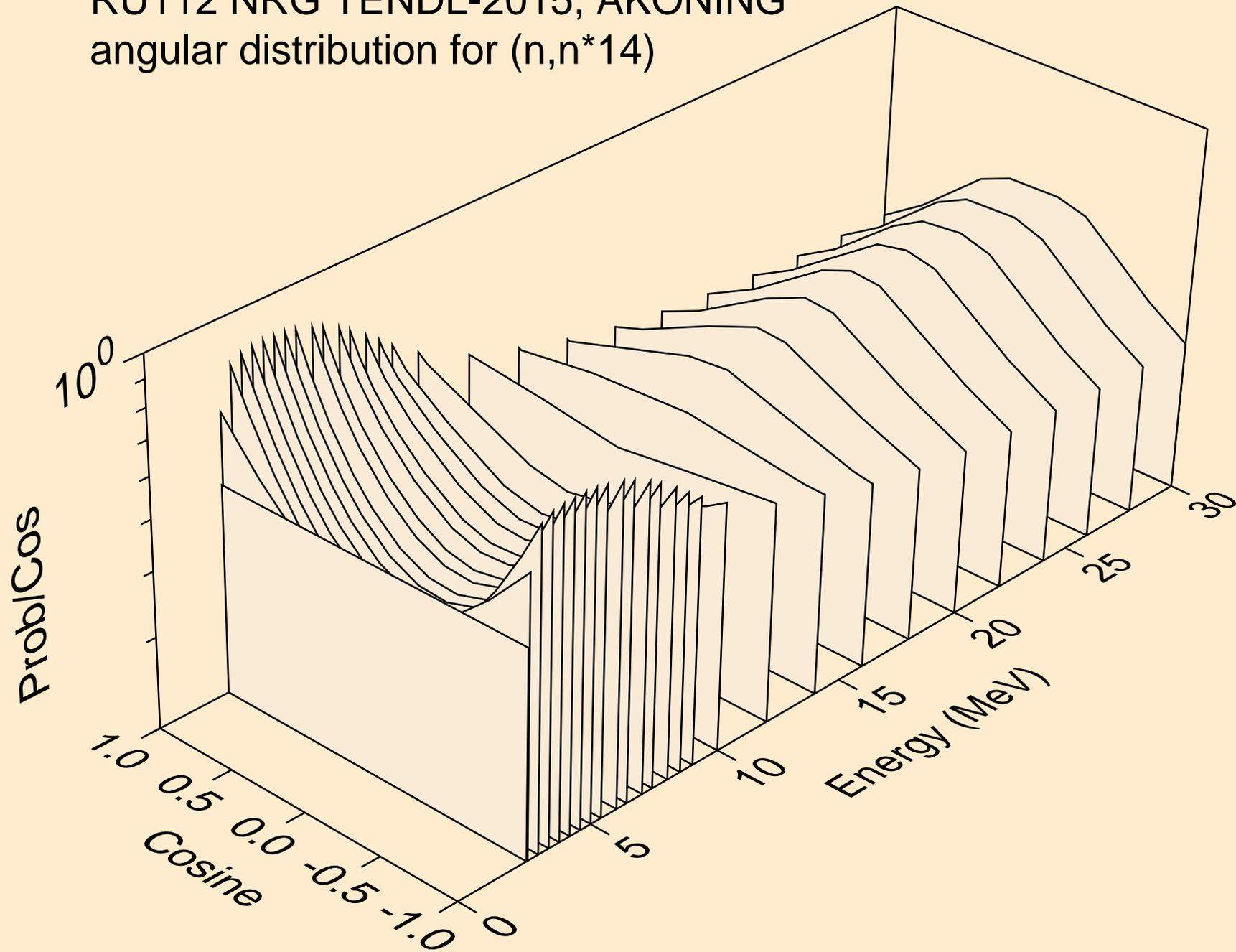
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angular distribution for (n,n\*12)



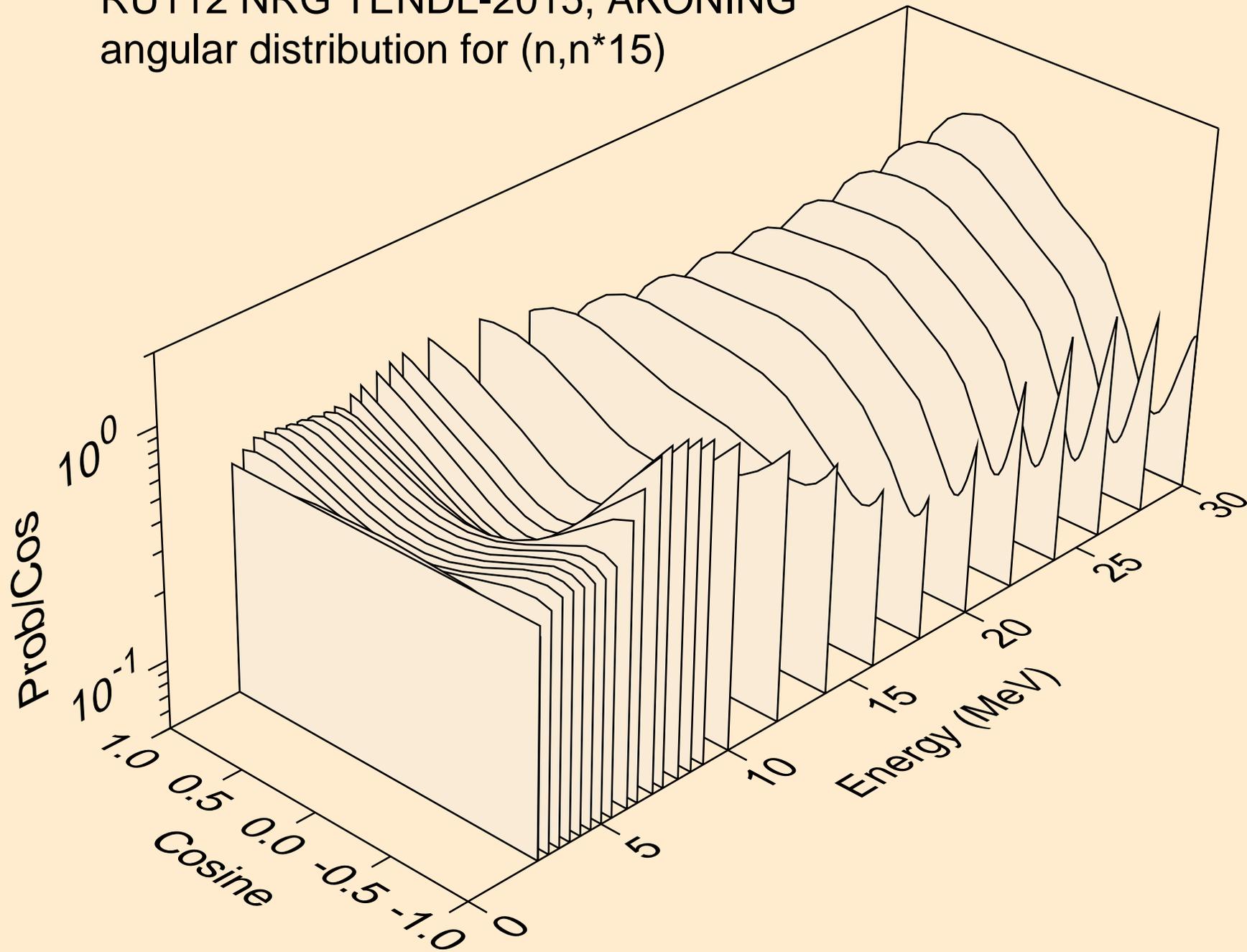
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angular distribution for (n,n\*13)



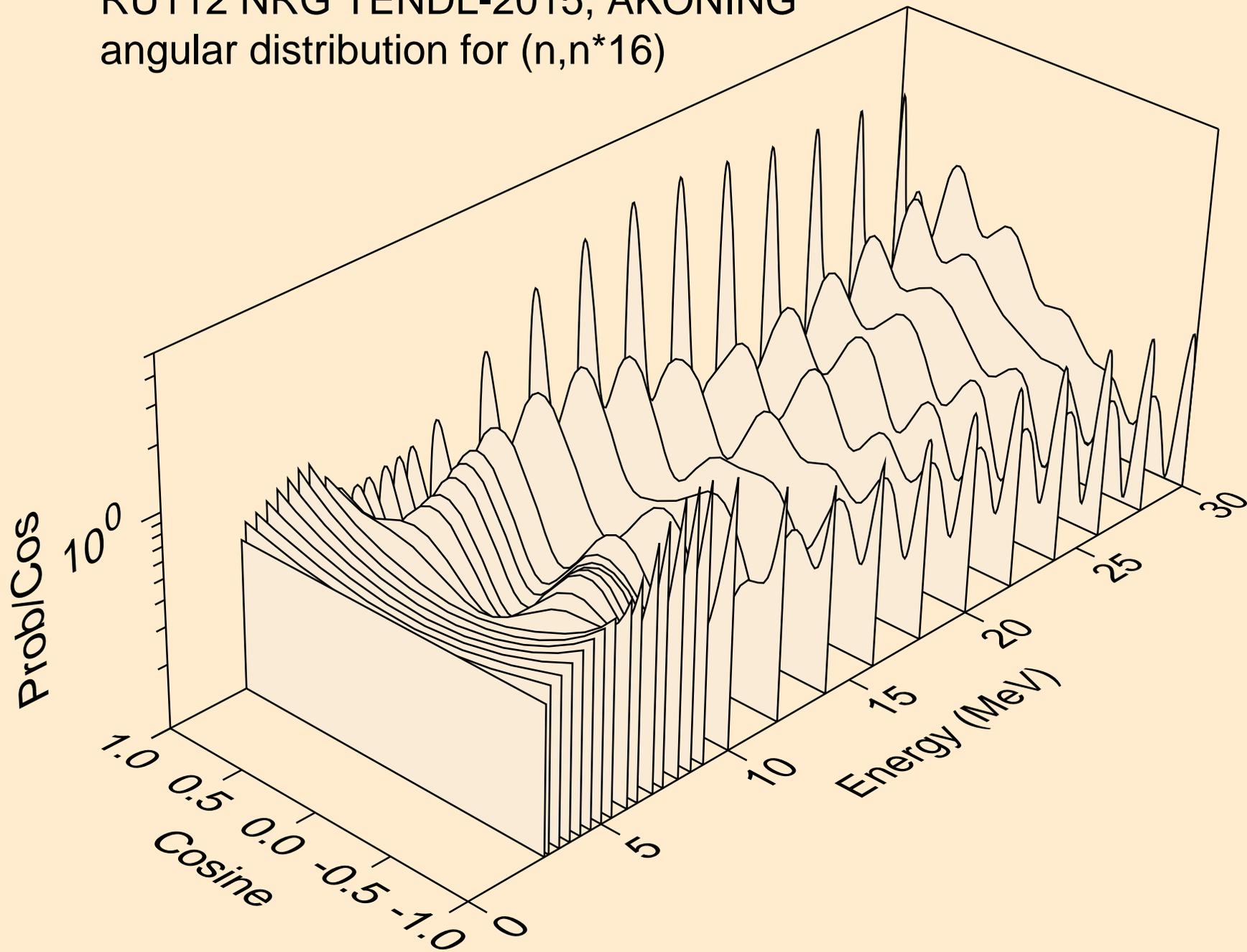
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angular distribution for (n,n\*14)



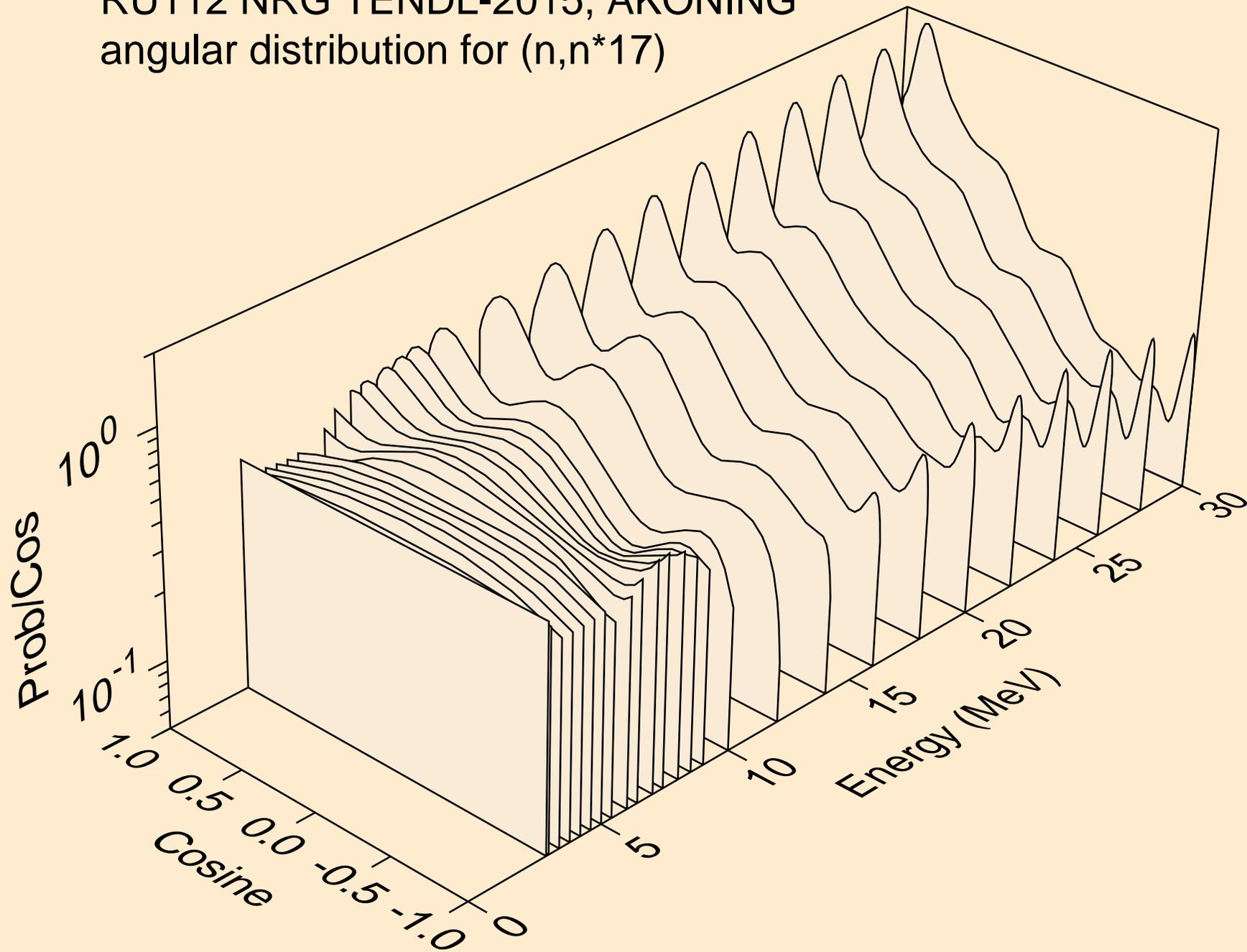
RU112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



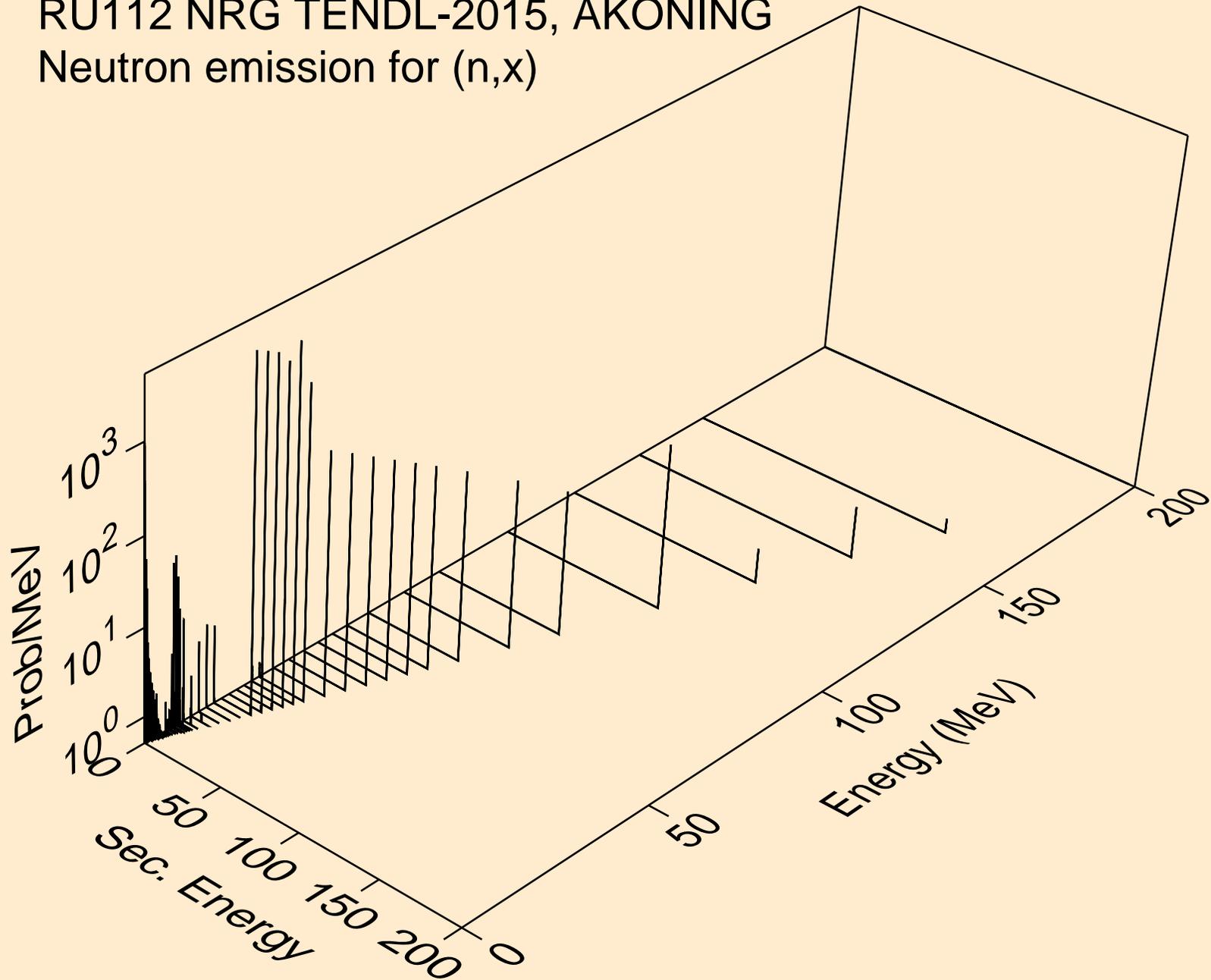
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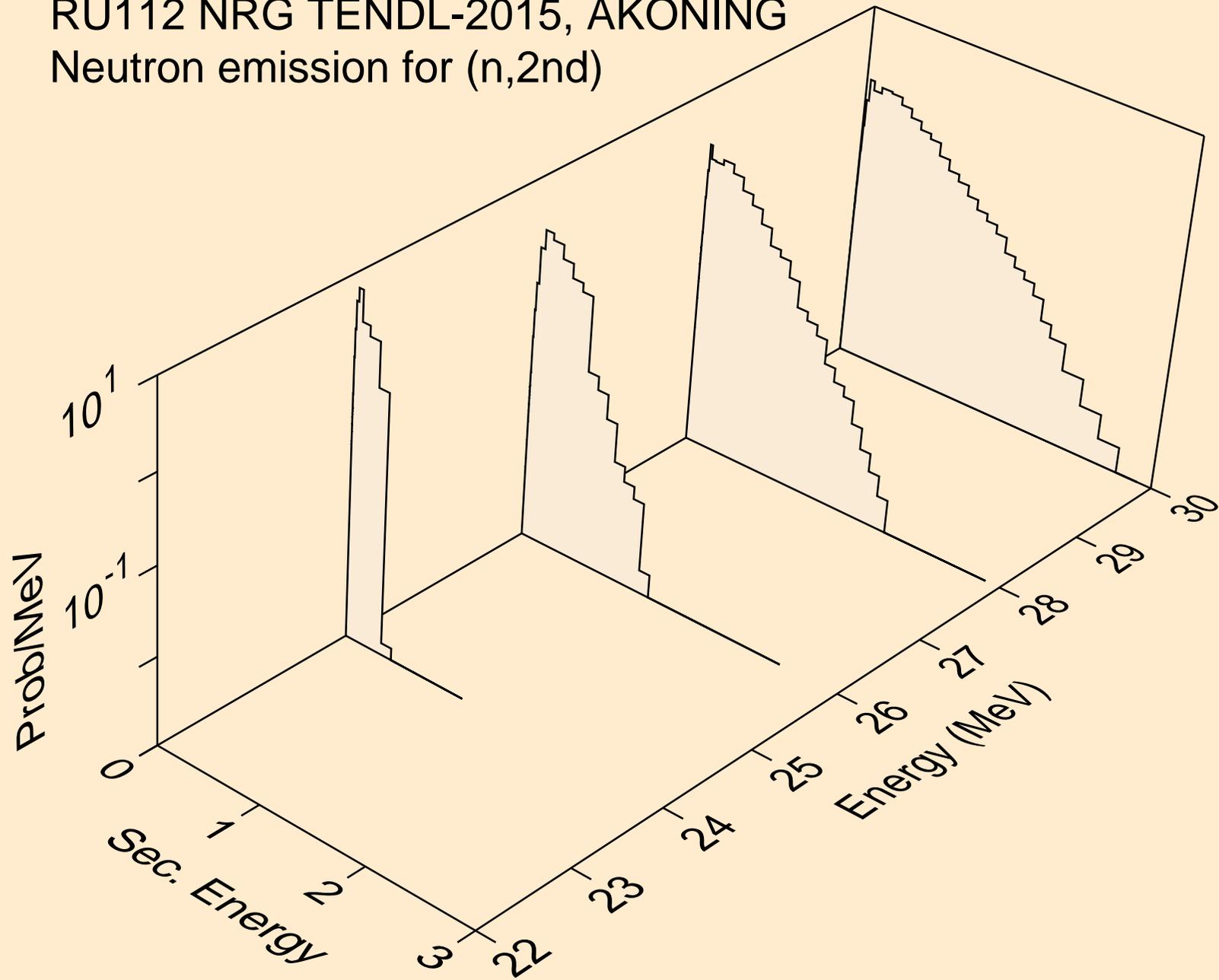
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angular distribution for (n,n\*17)



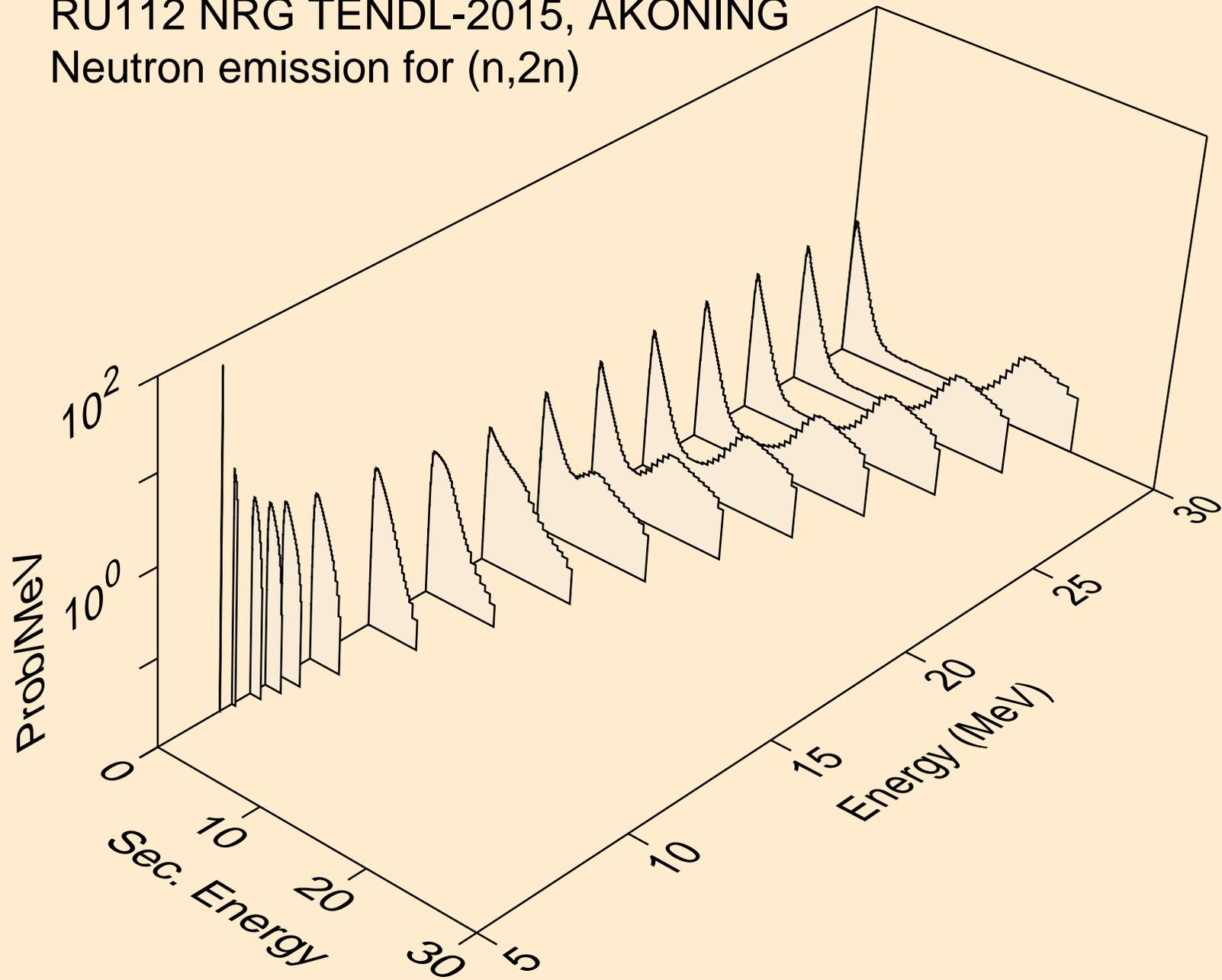
RU112 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



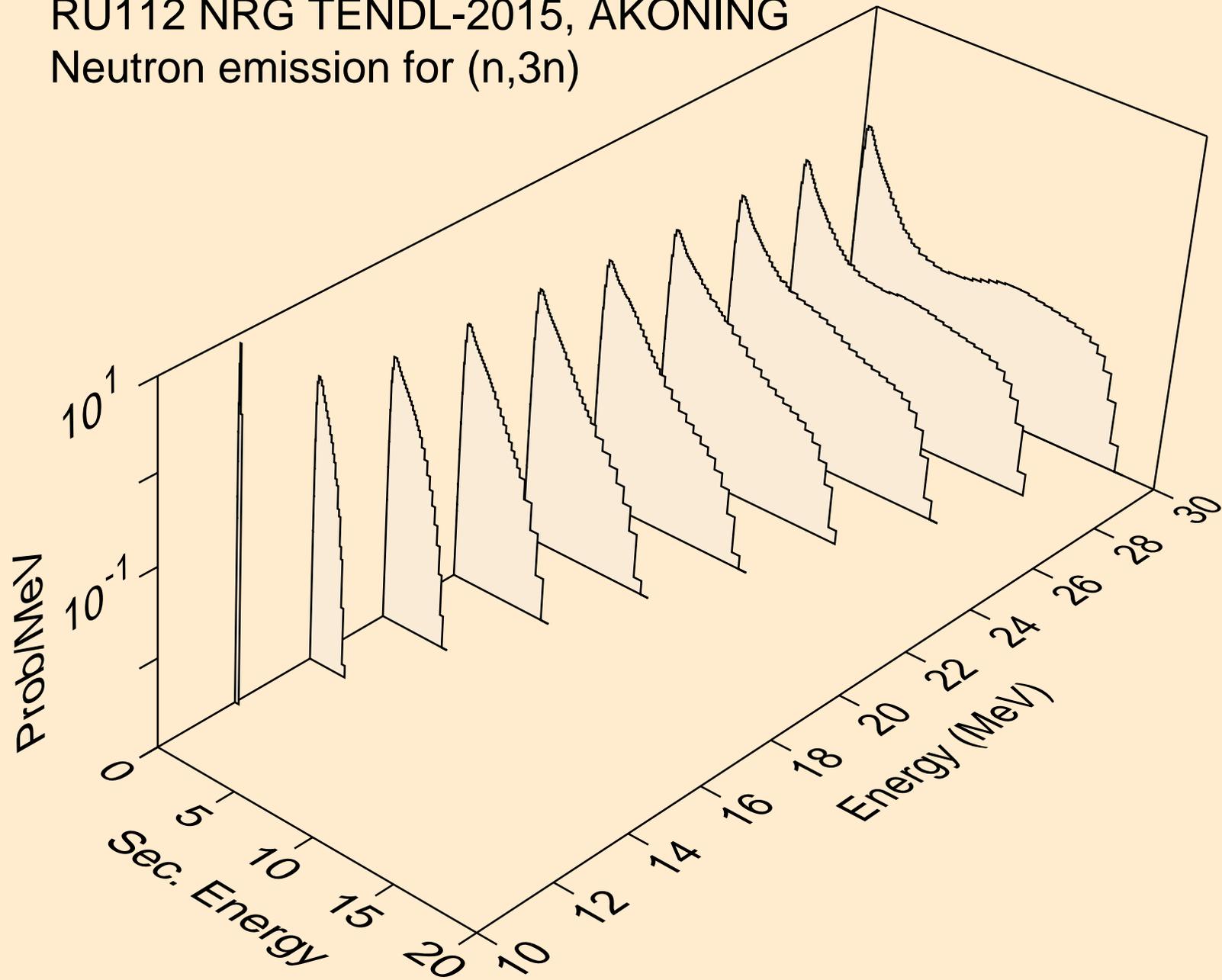
RU112 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



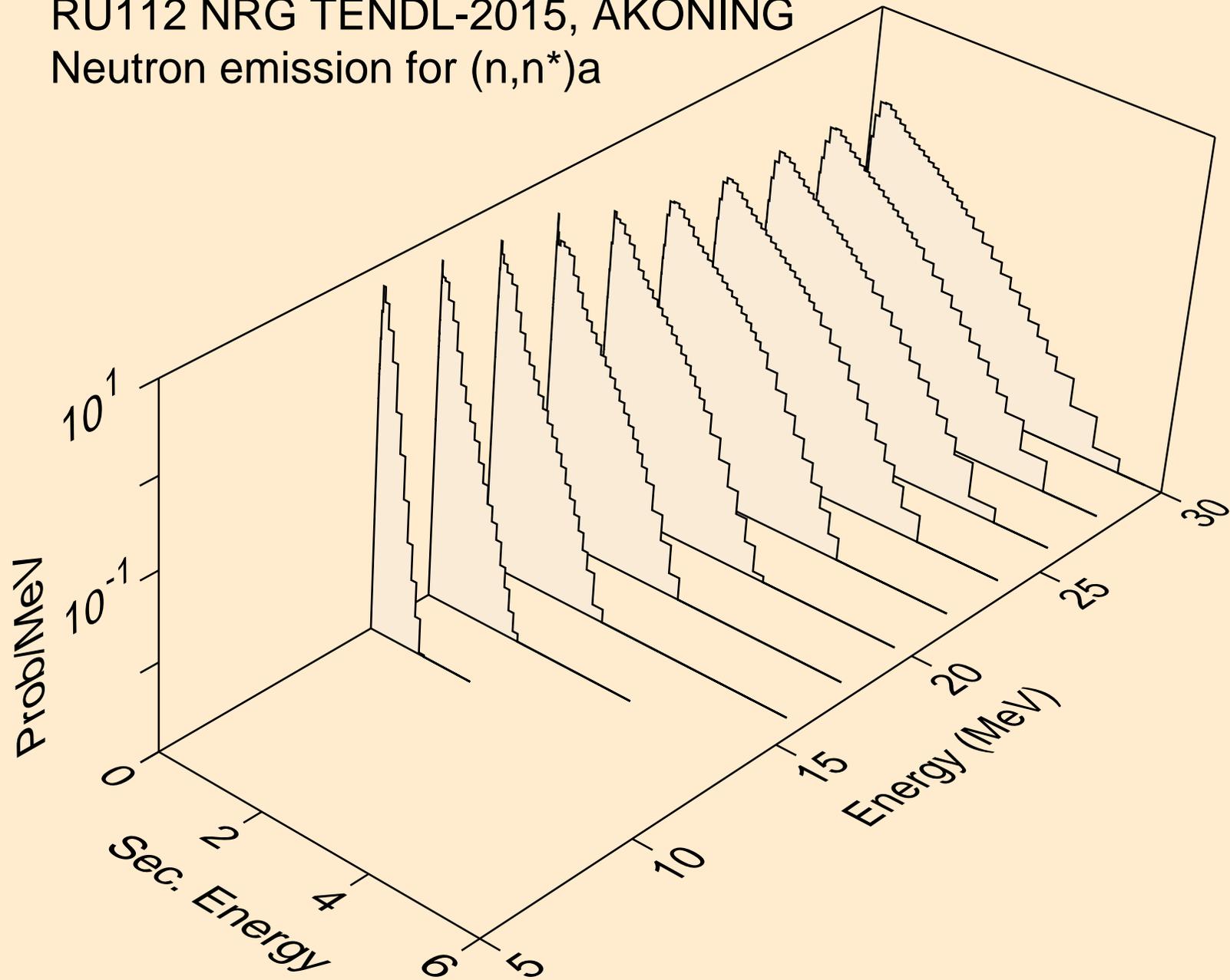
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Neutron emission for (n,2n)



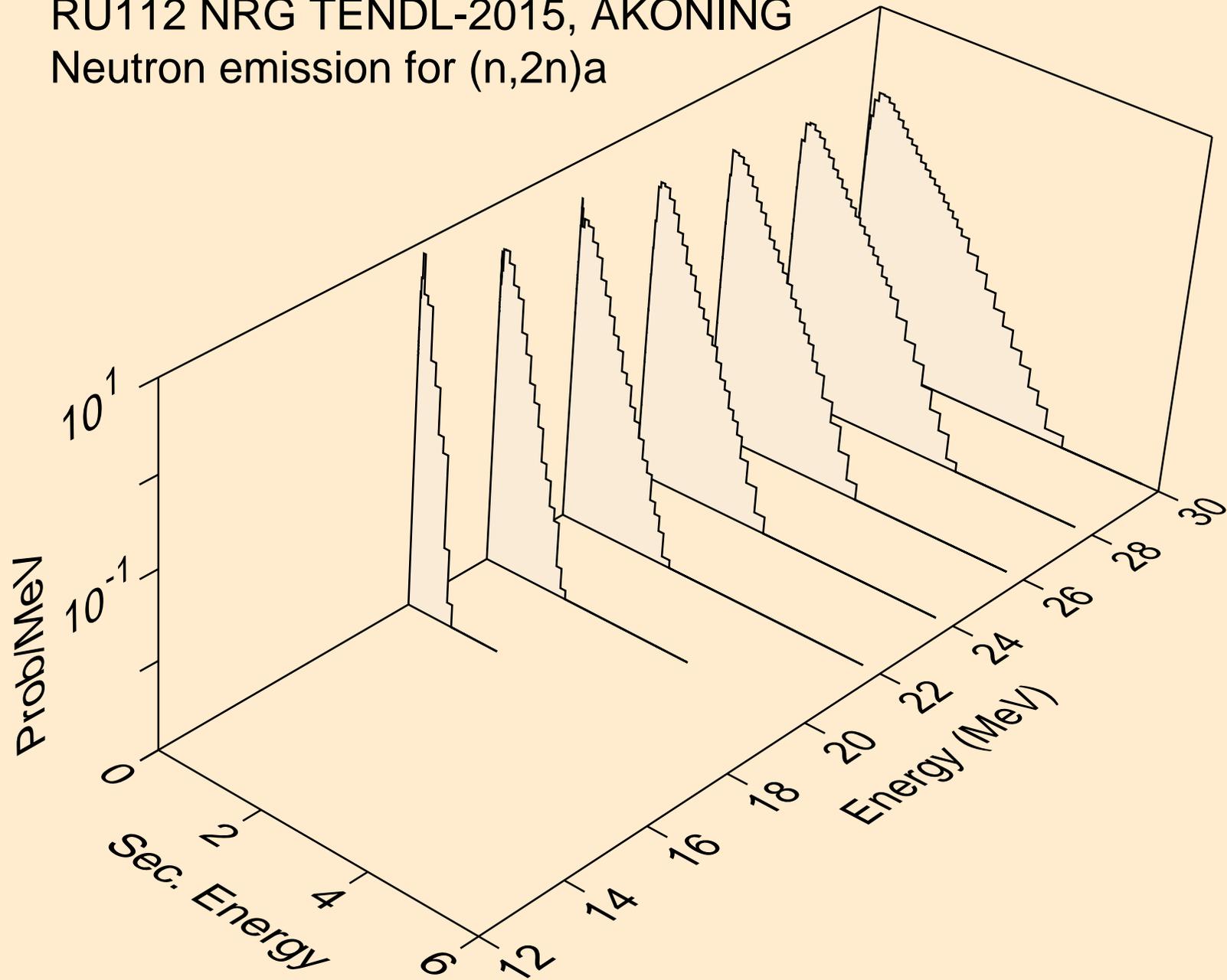
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Neutron emission for (n,3n)



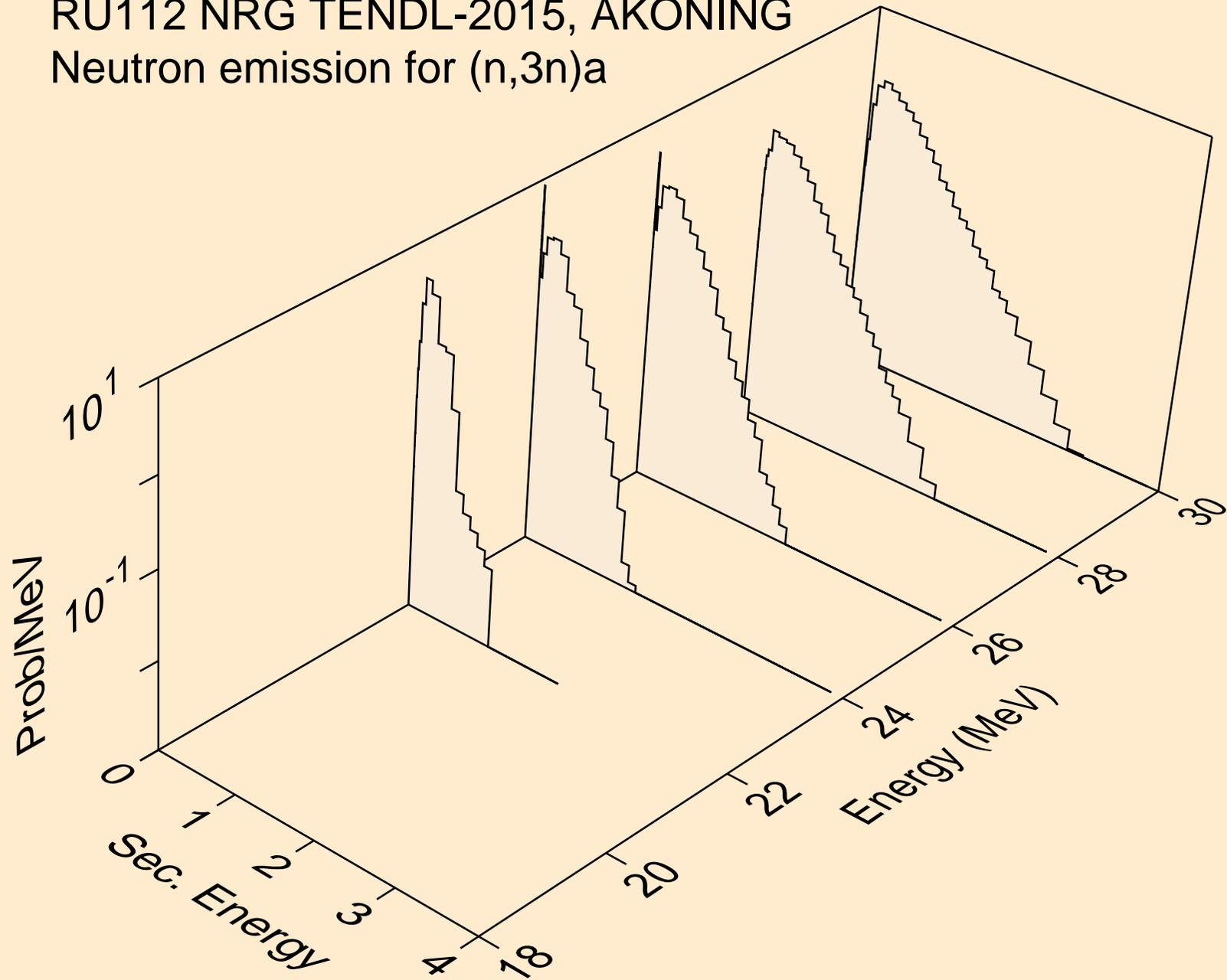
RU112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



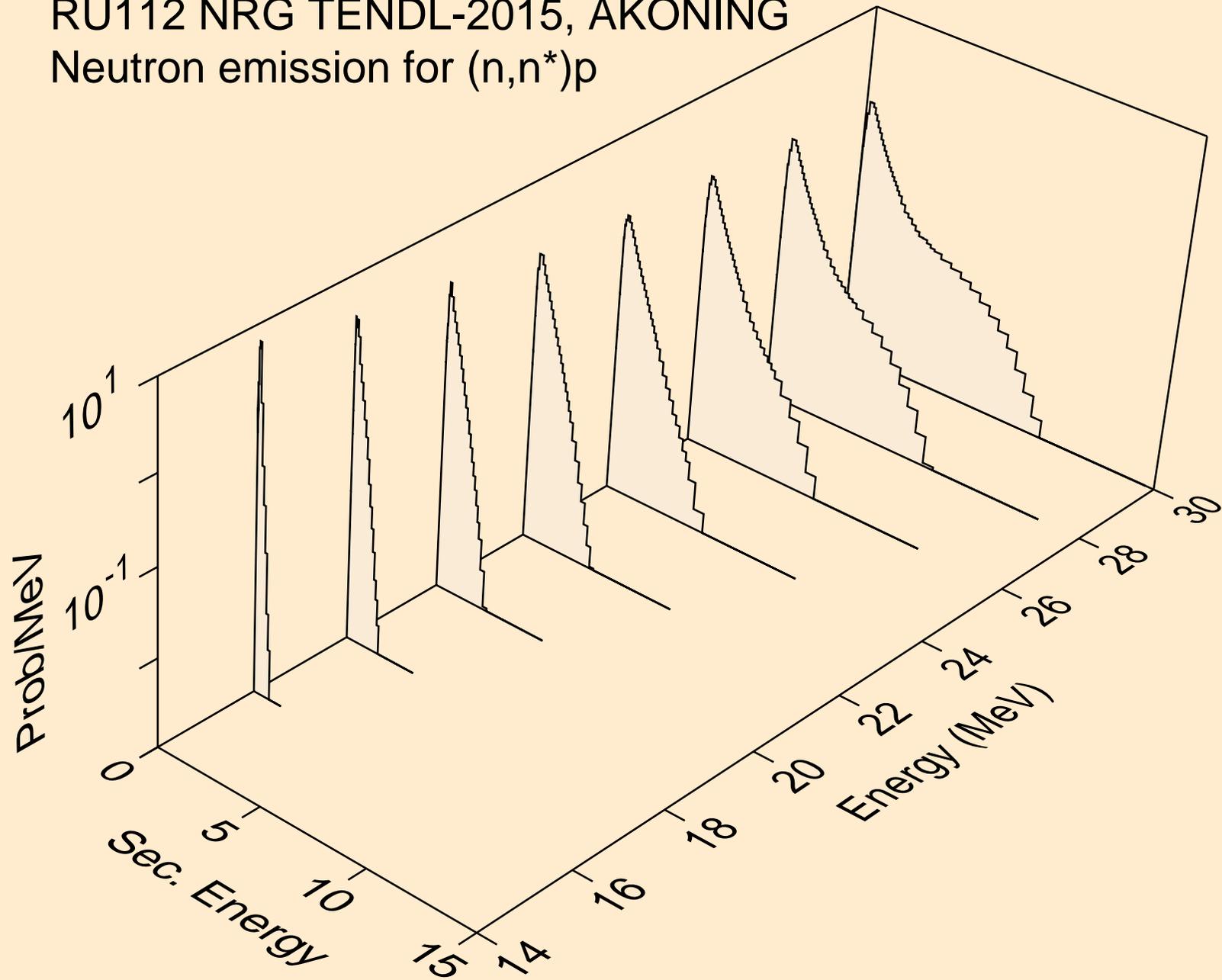
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Neutron emission for (n,2n)a



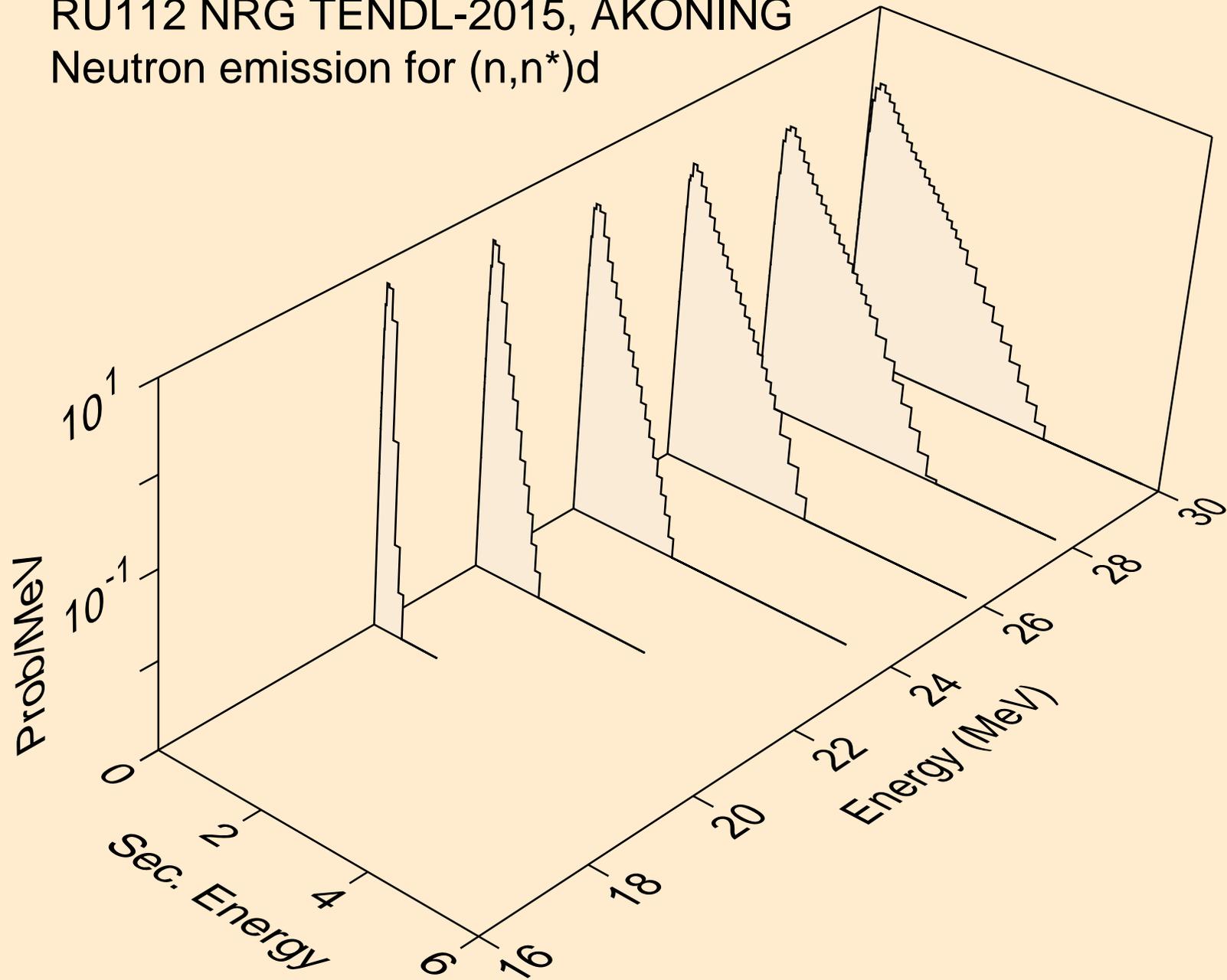
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Neutron emission for (n,3n)a



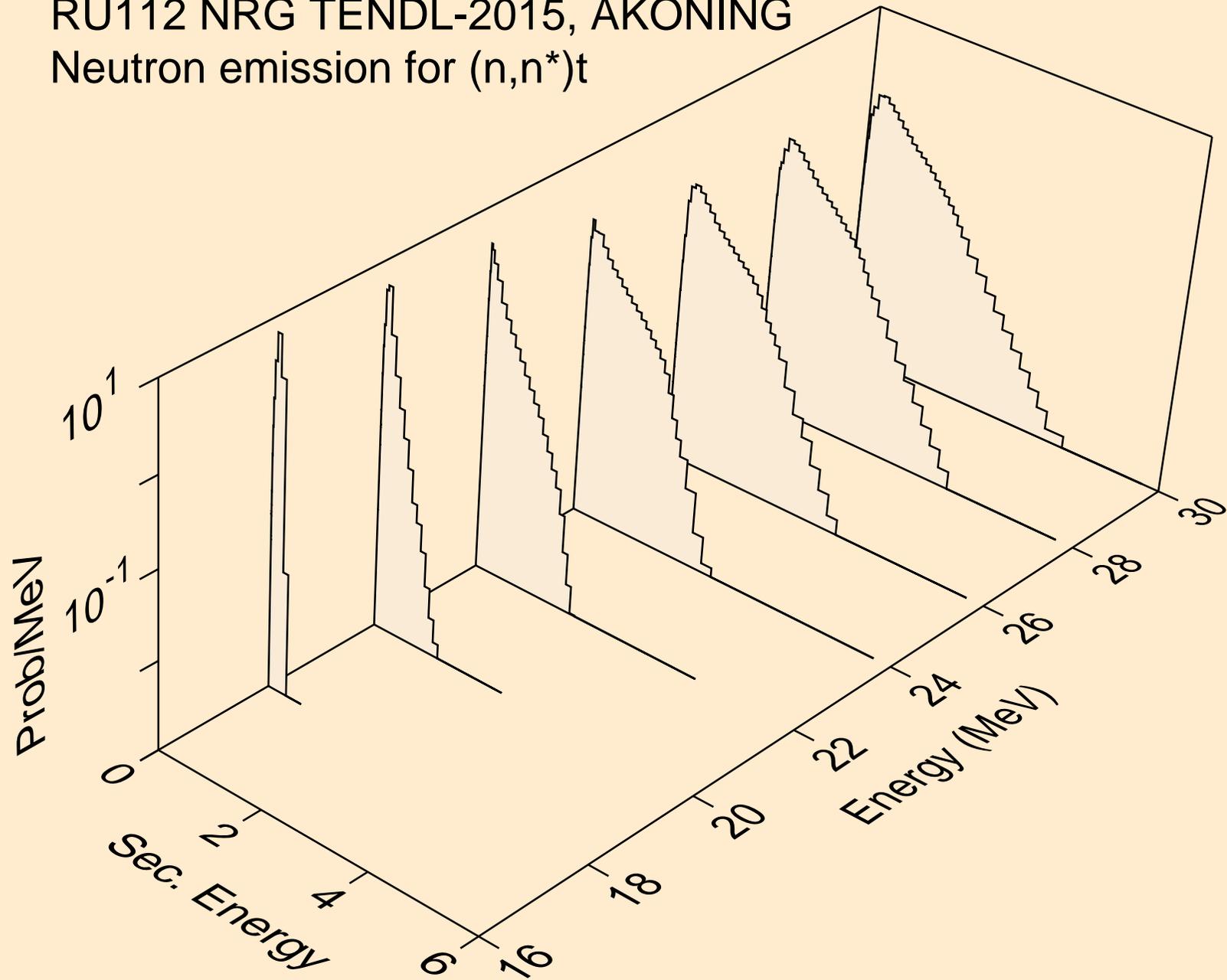
RU112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



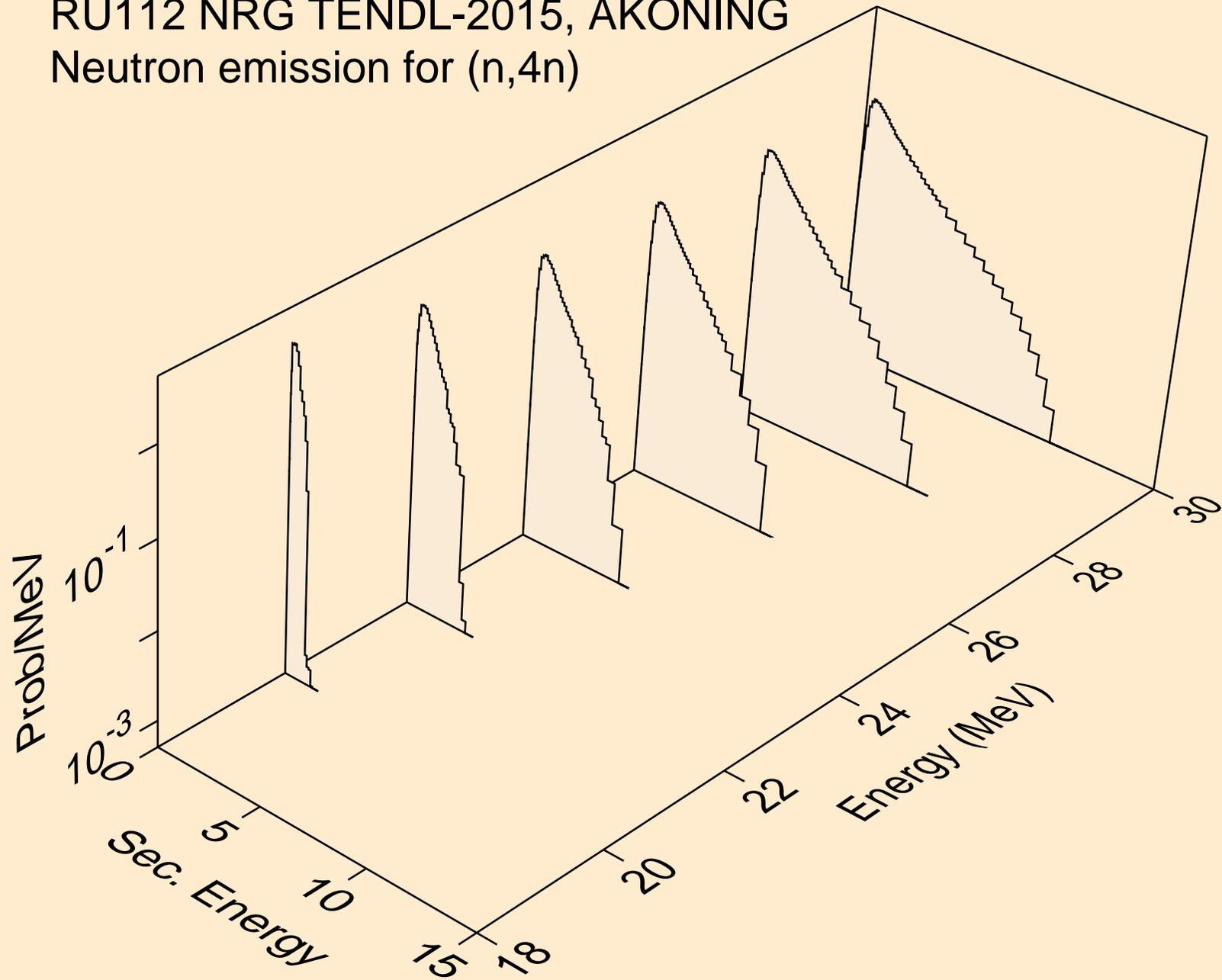
RU112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



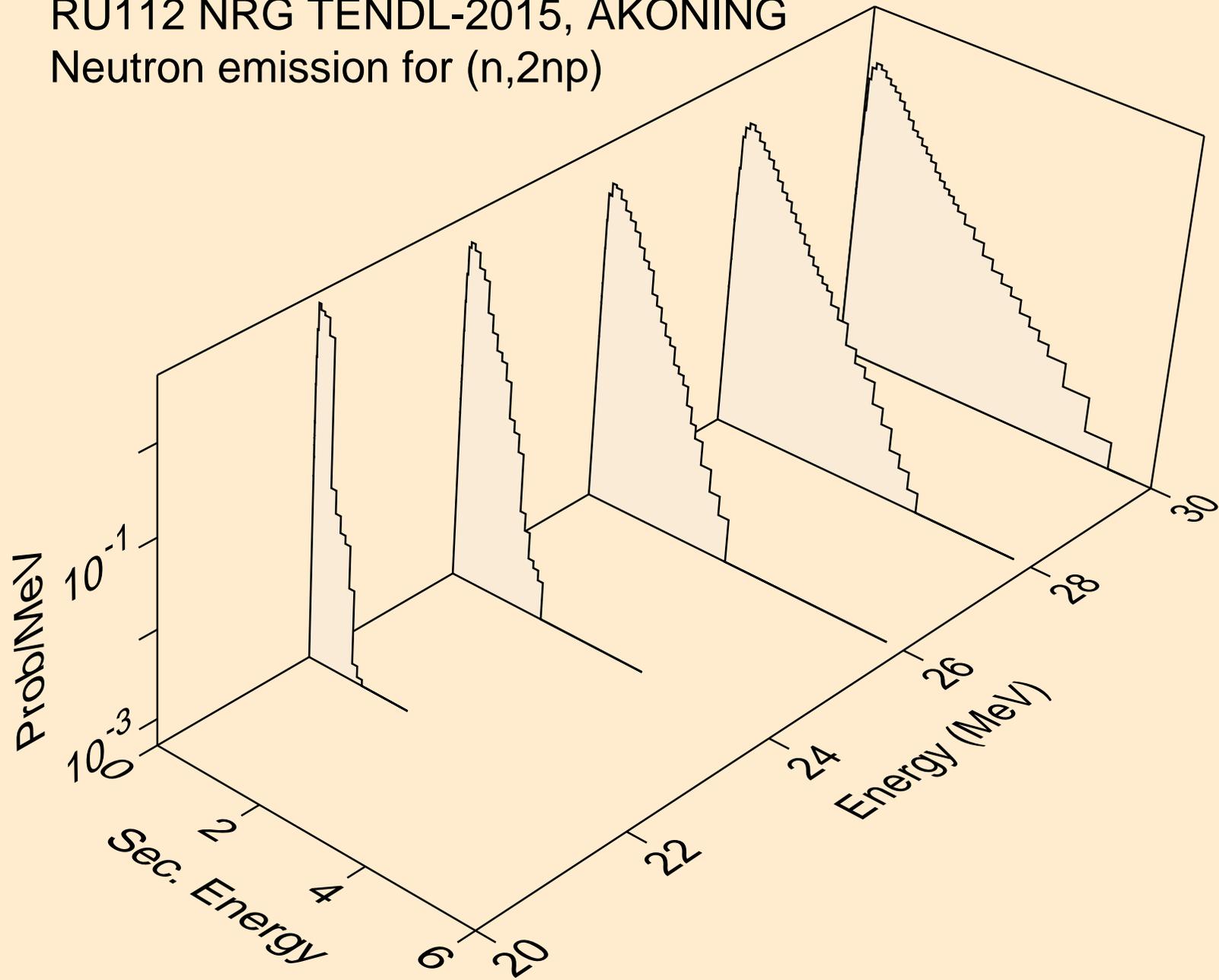
RU112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



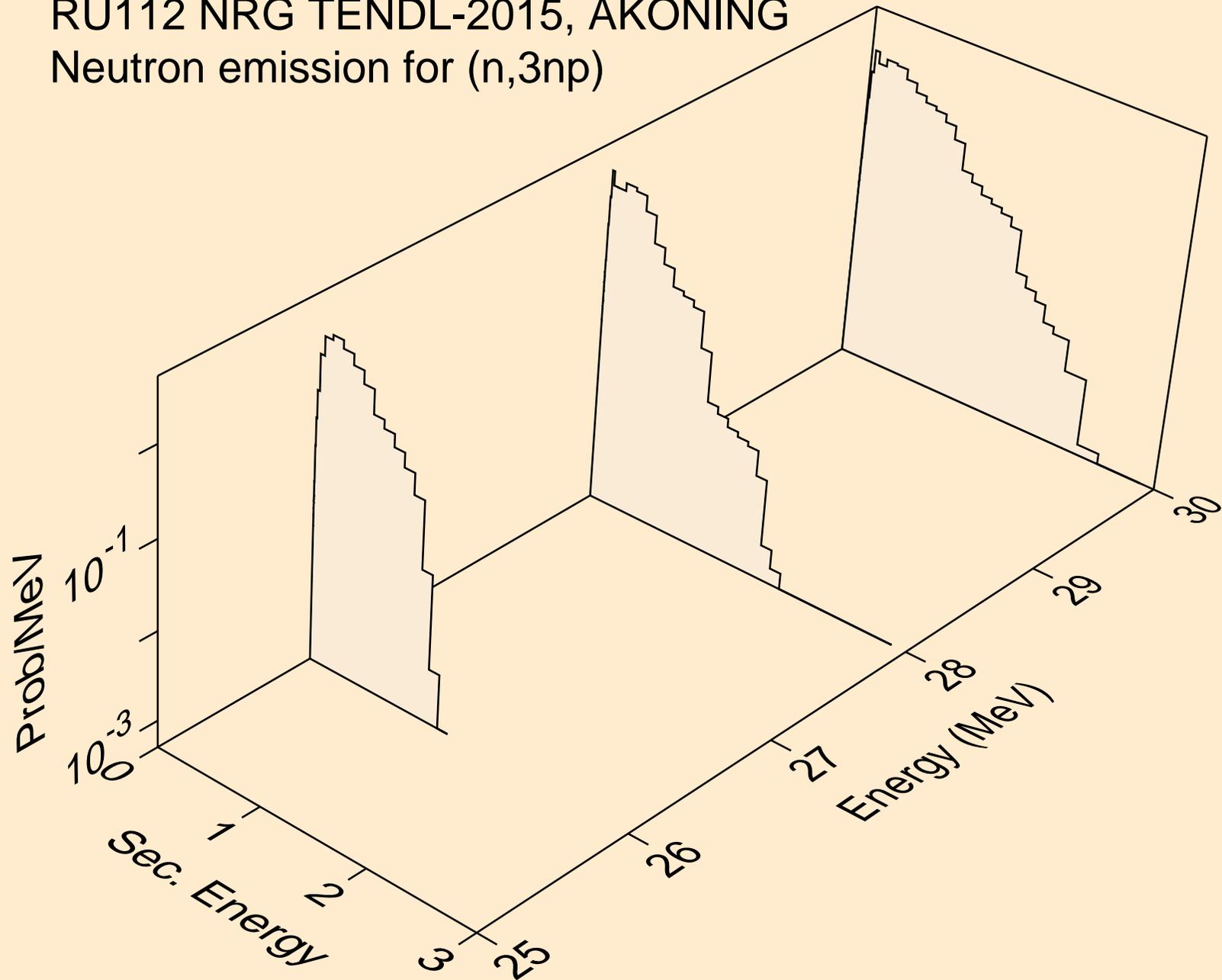
RU112 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



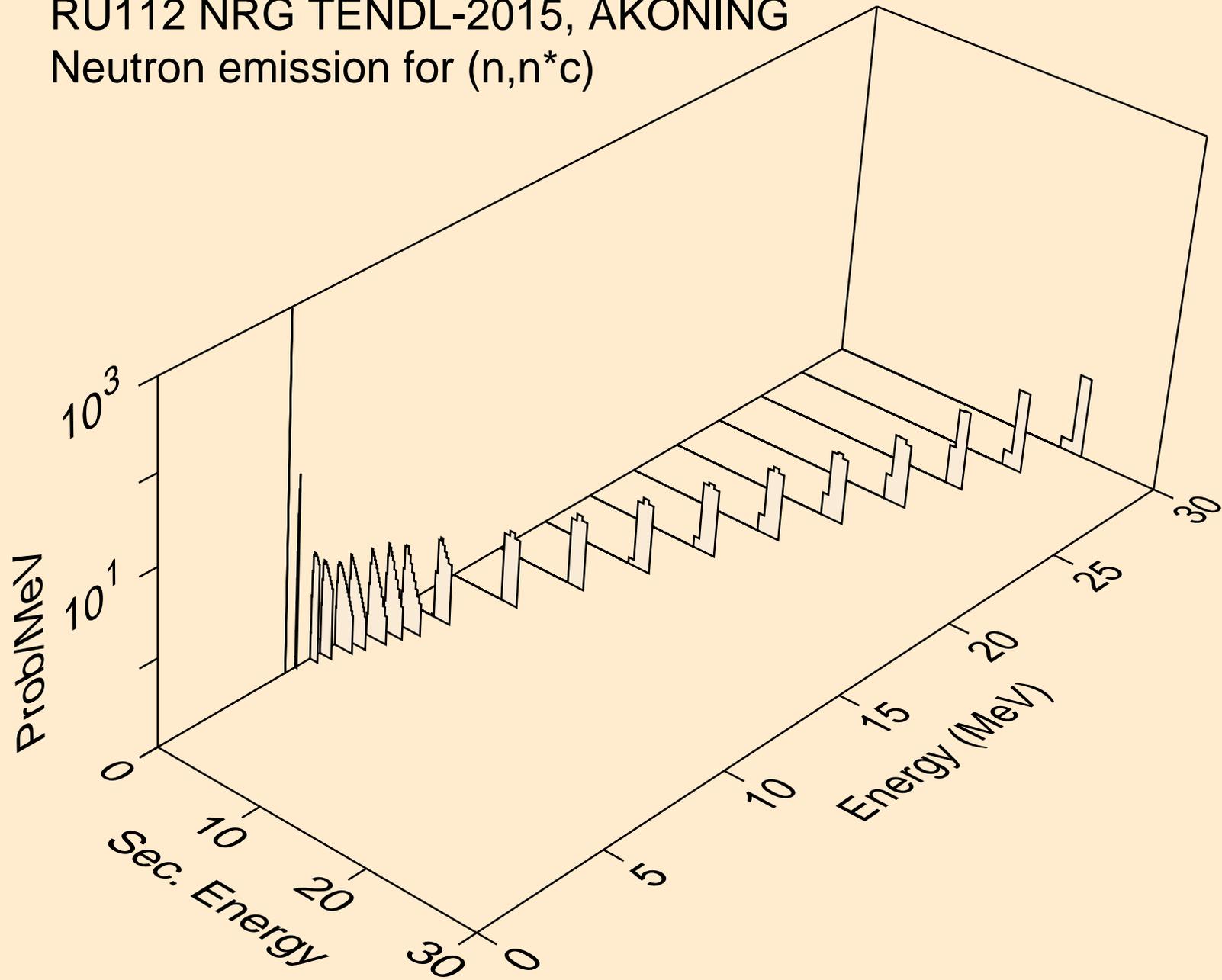
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Neutron emission for (n,2np)



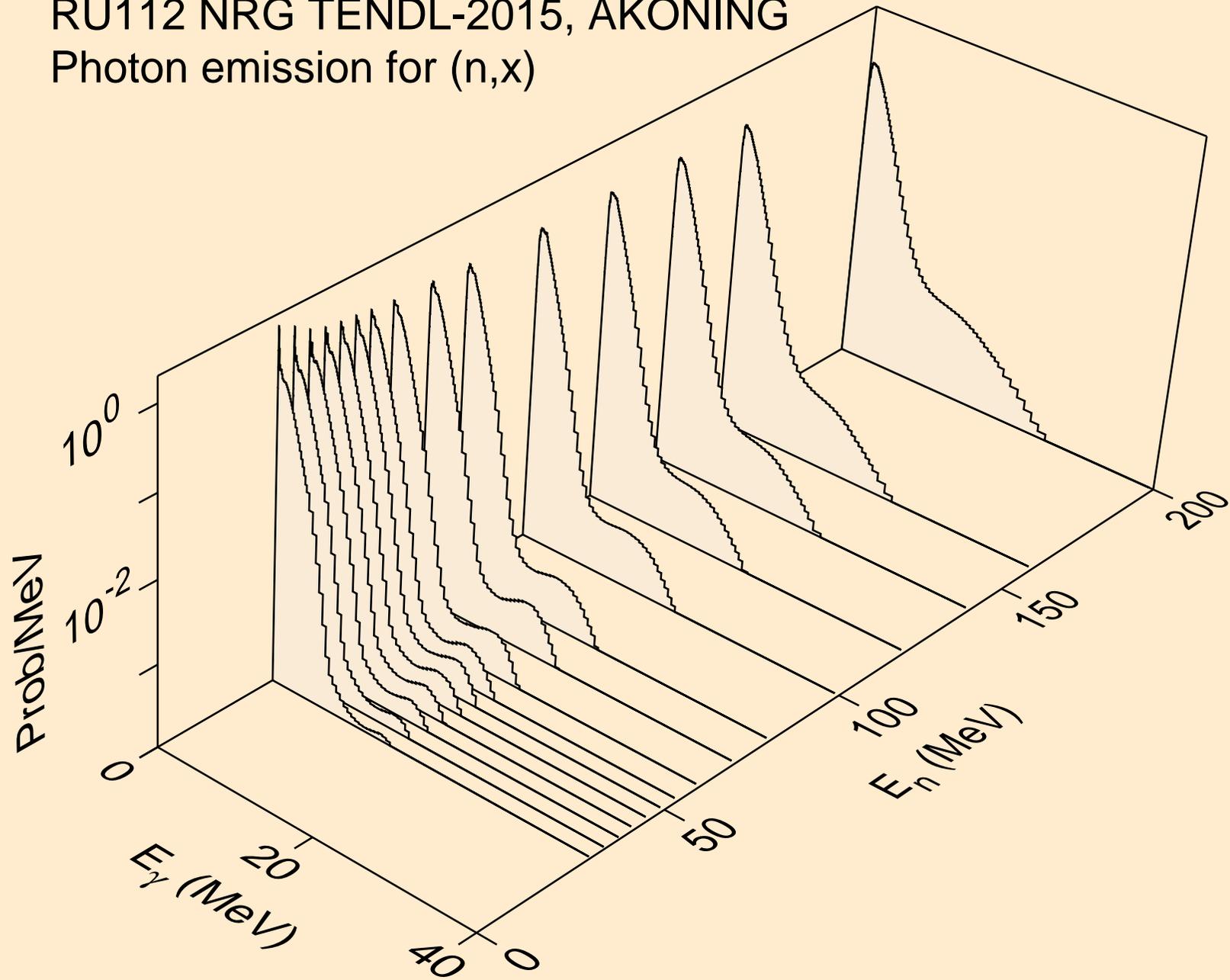
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Neutron emission for (n,3np)



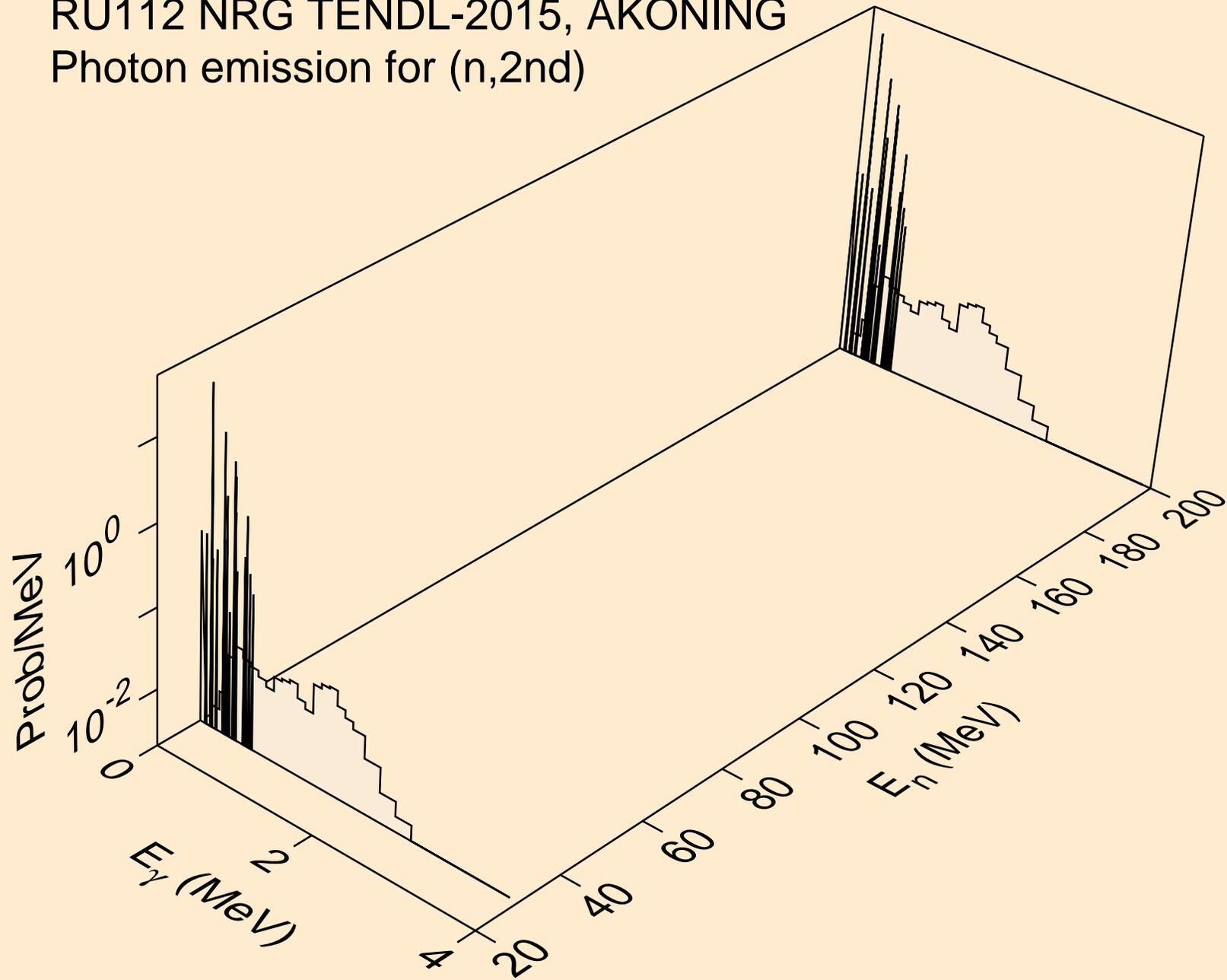
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Neutron emission for (n,n\*c)



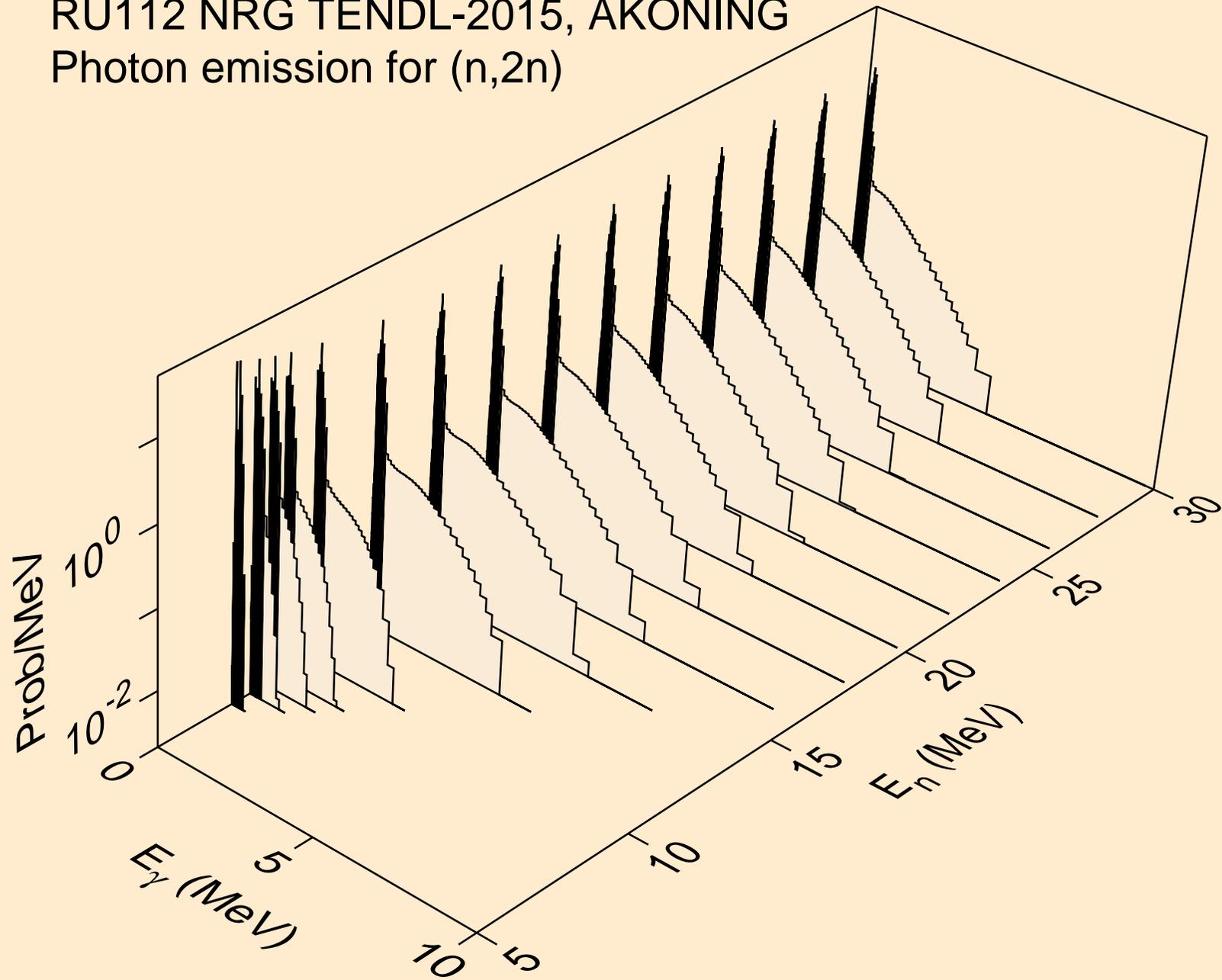
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Photon emission for (n,x)



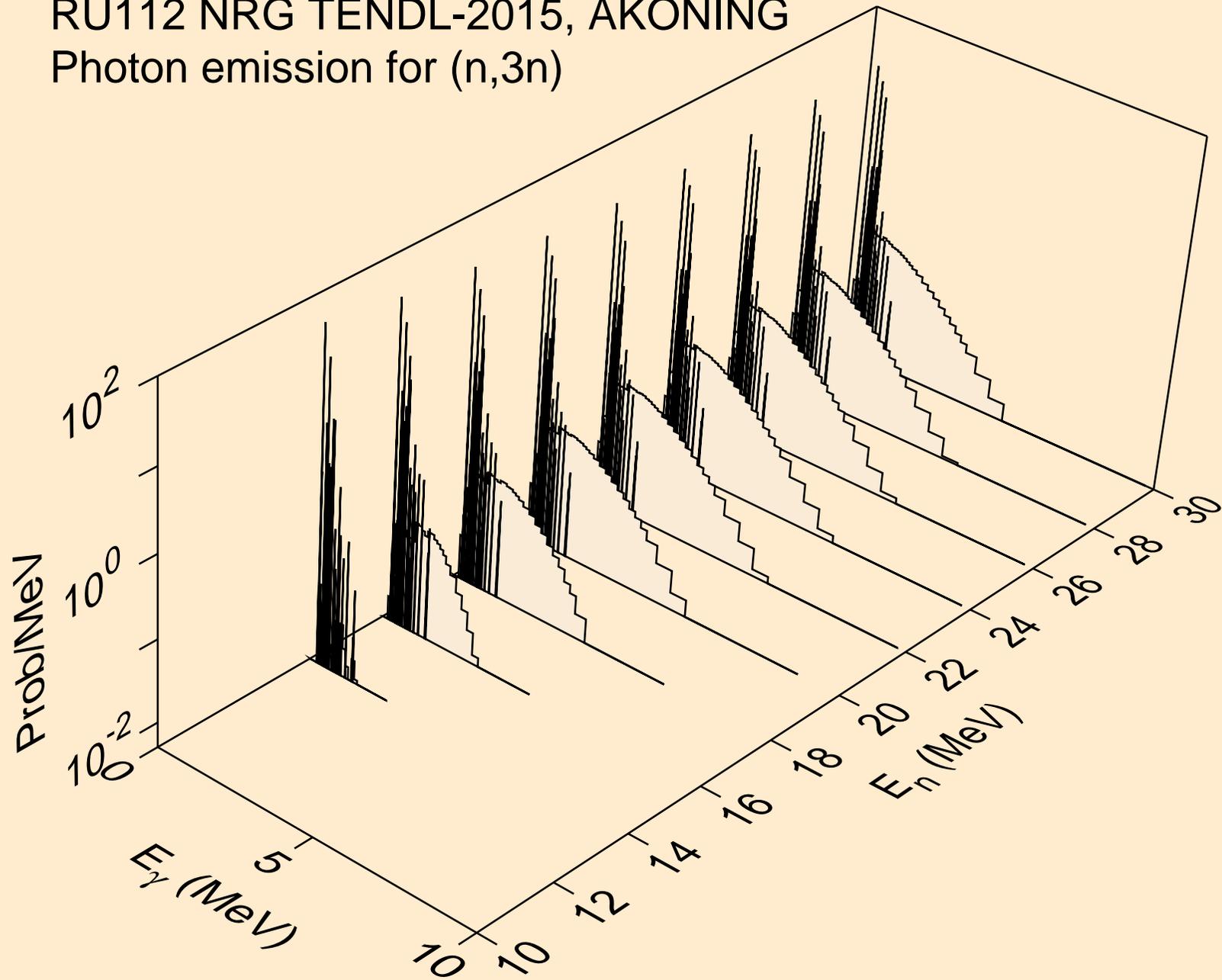
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Photon emission for (n,2nd)



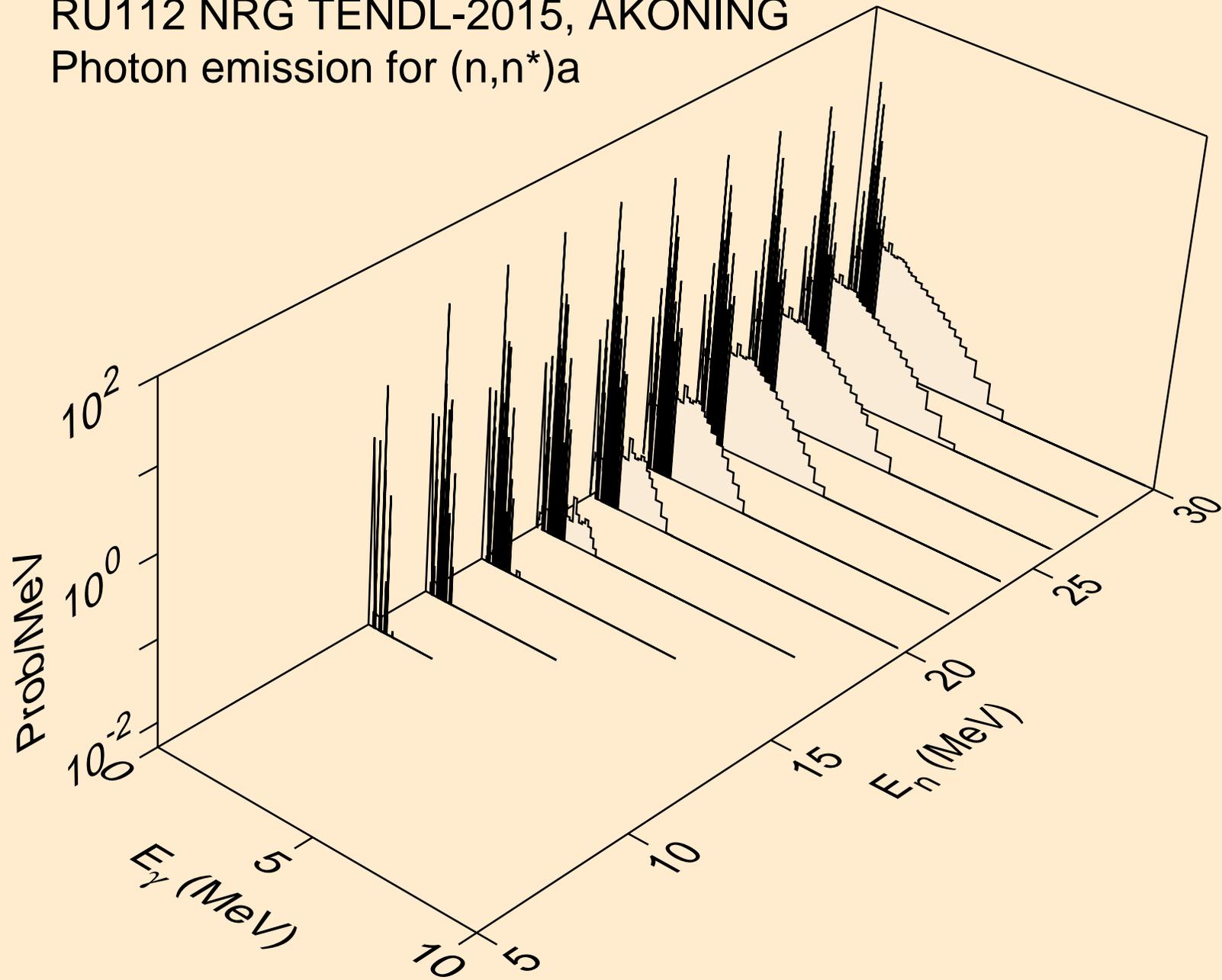
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Photon emission for (n,2n)



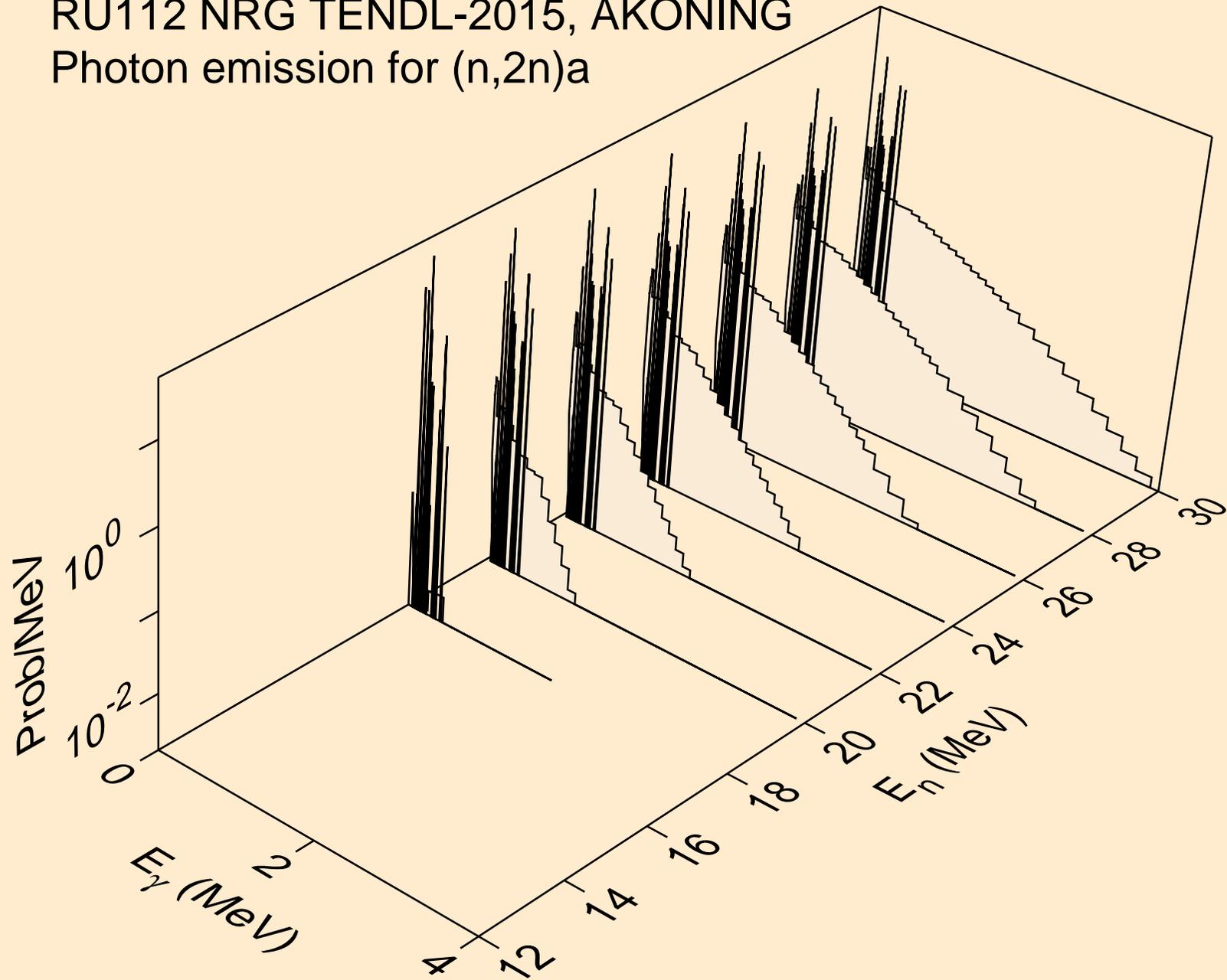
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Photon emission for (n,3n)



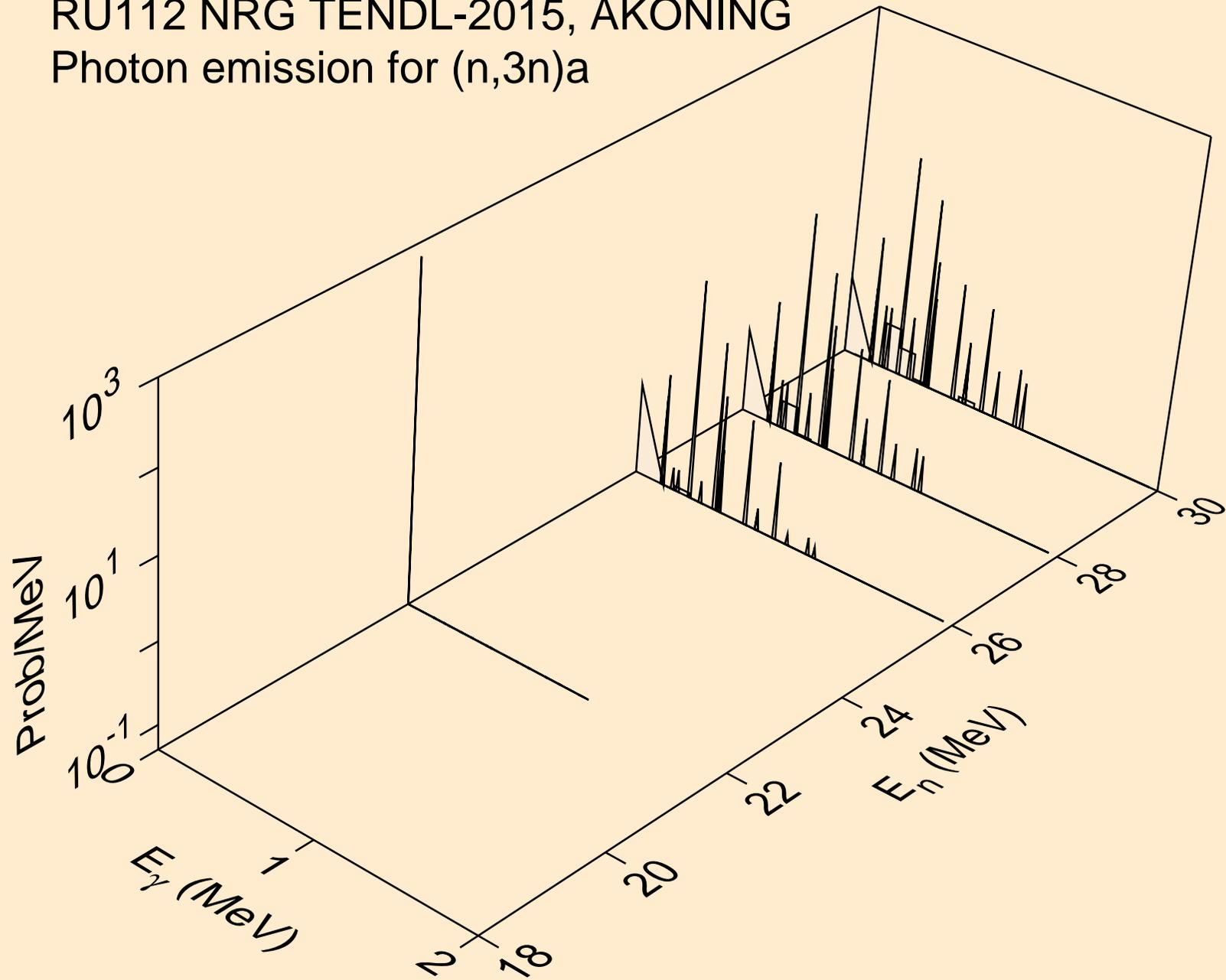
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Photon emission for (n,n\*)a



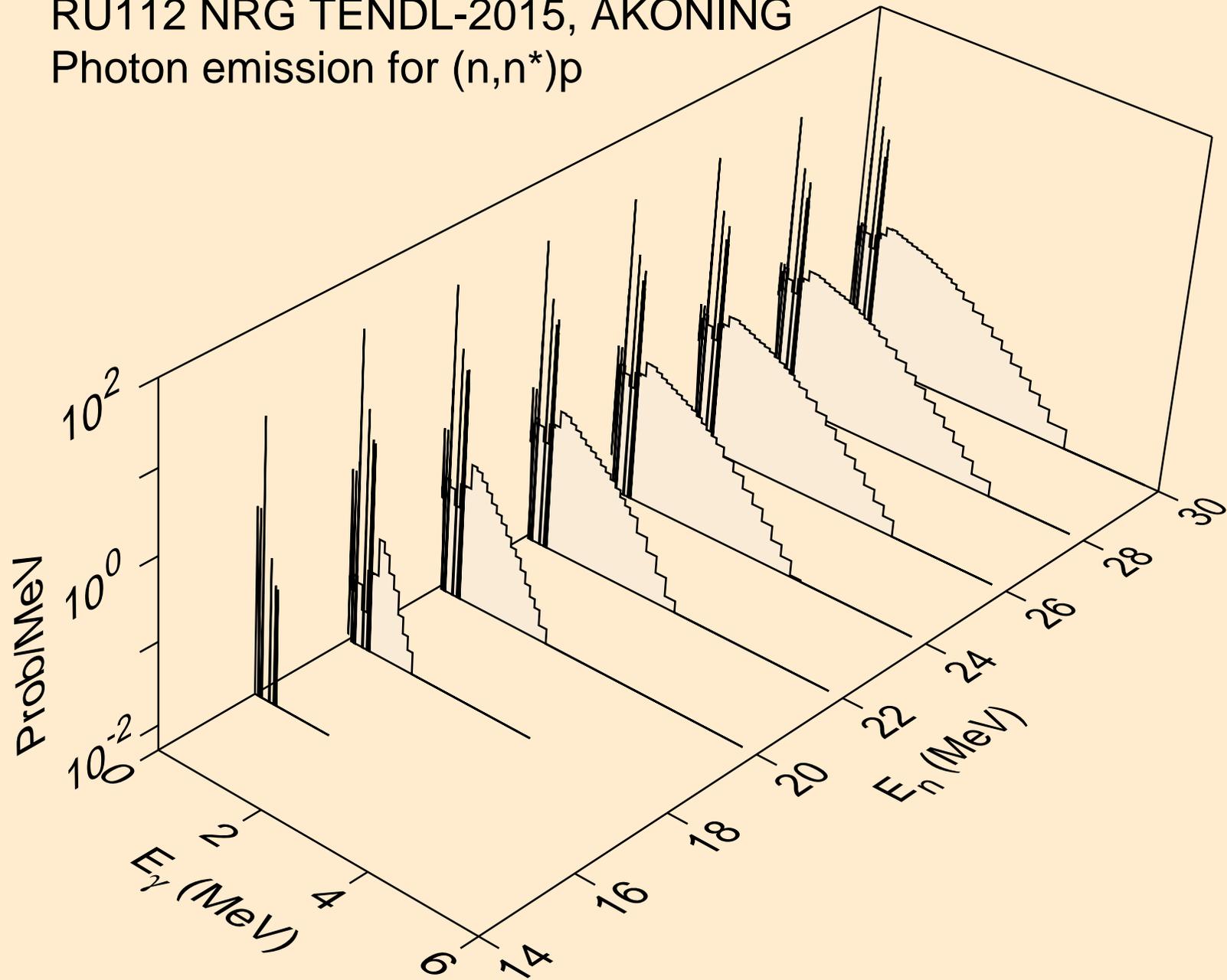
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Photon emission for (n,2n)a



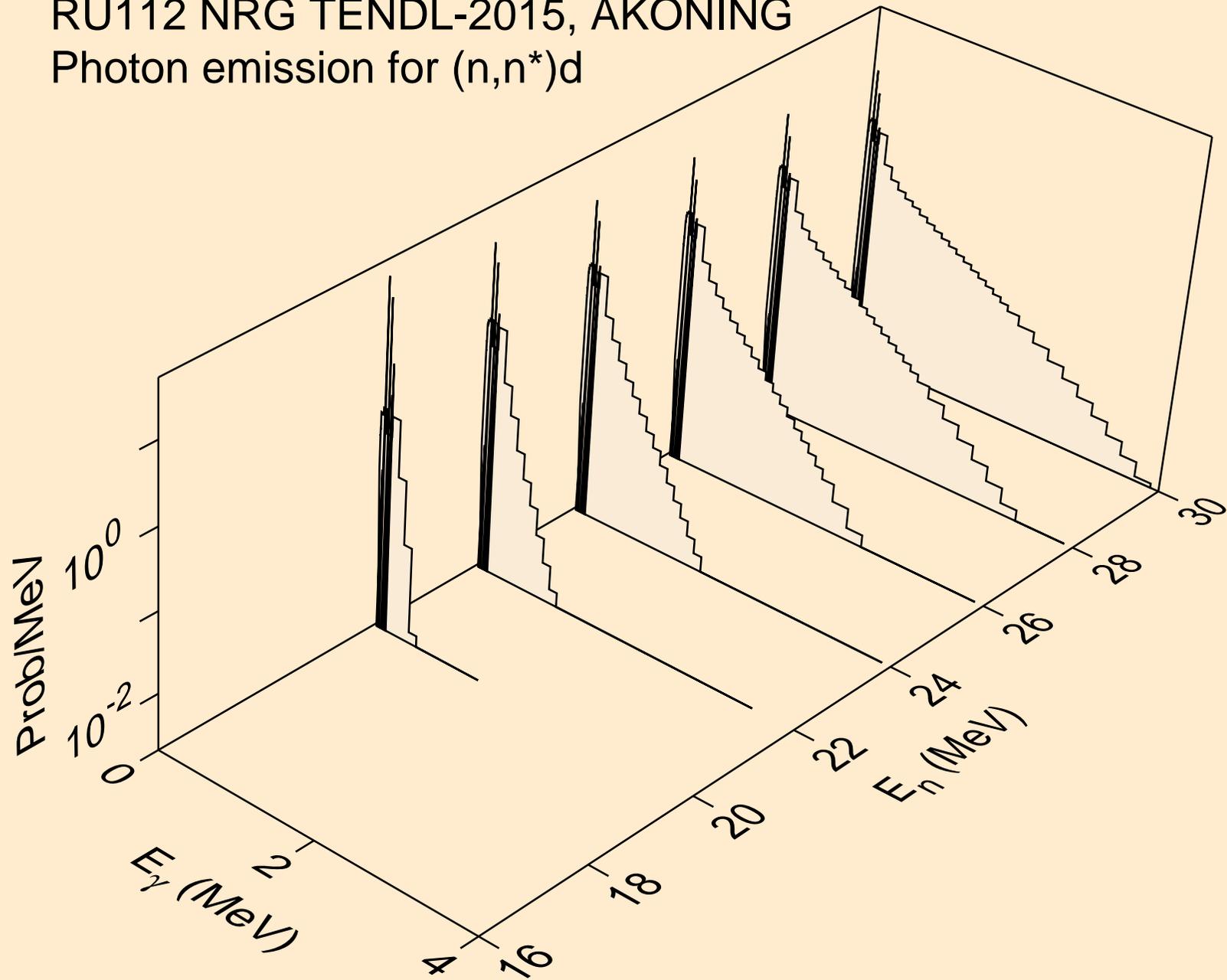
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



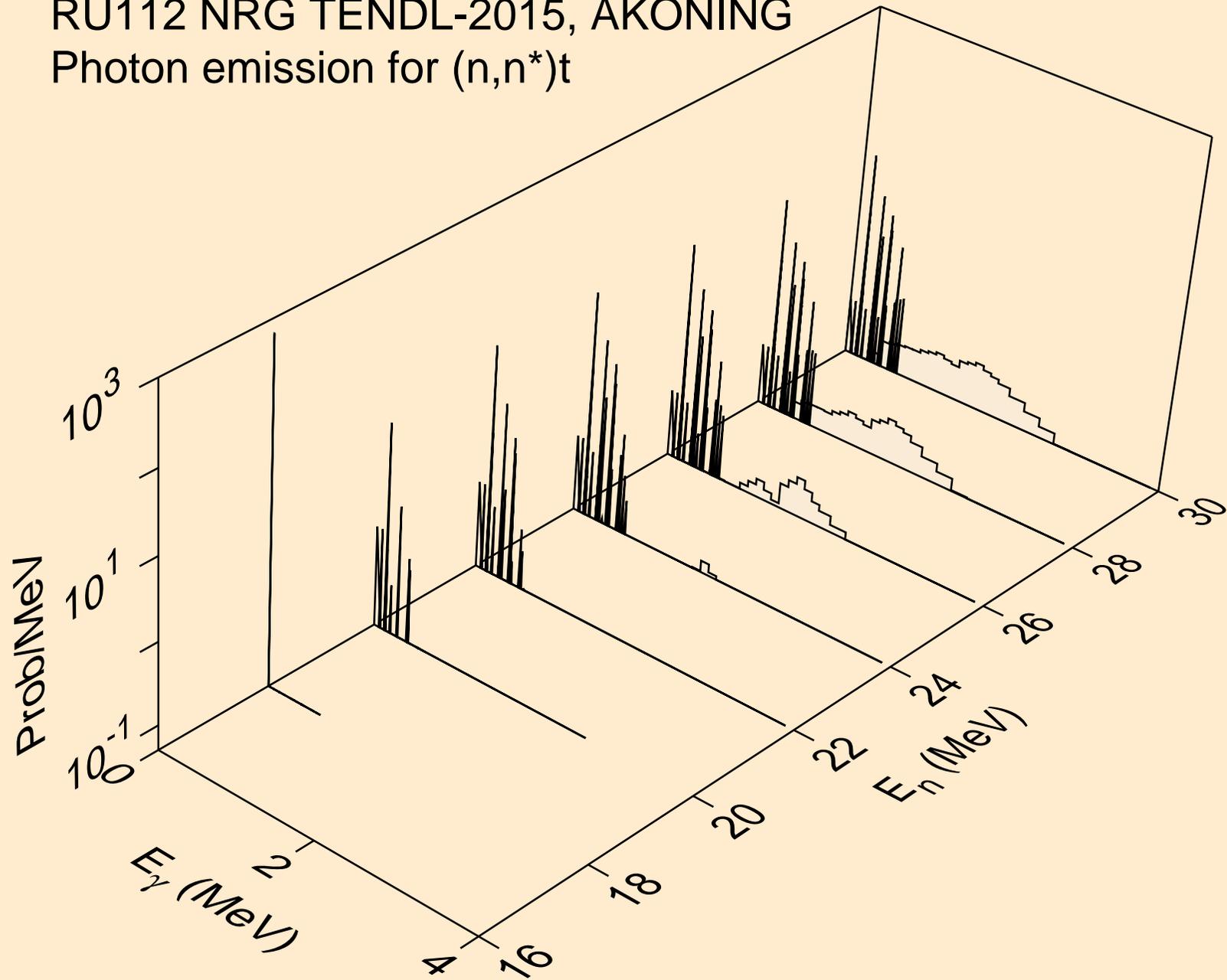
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



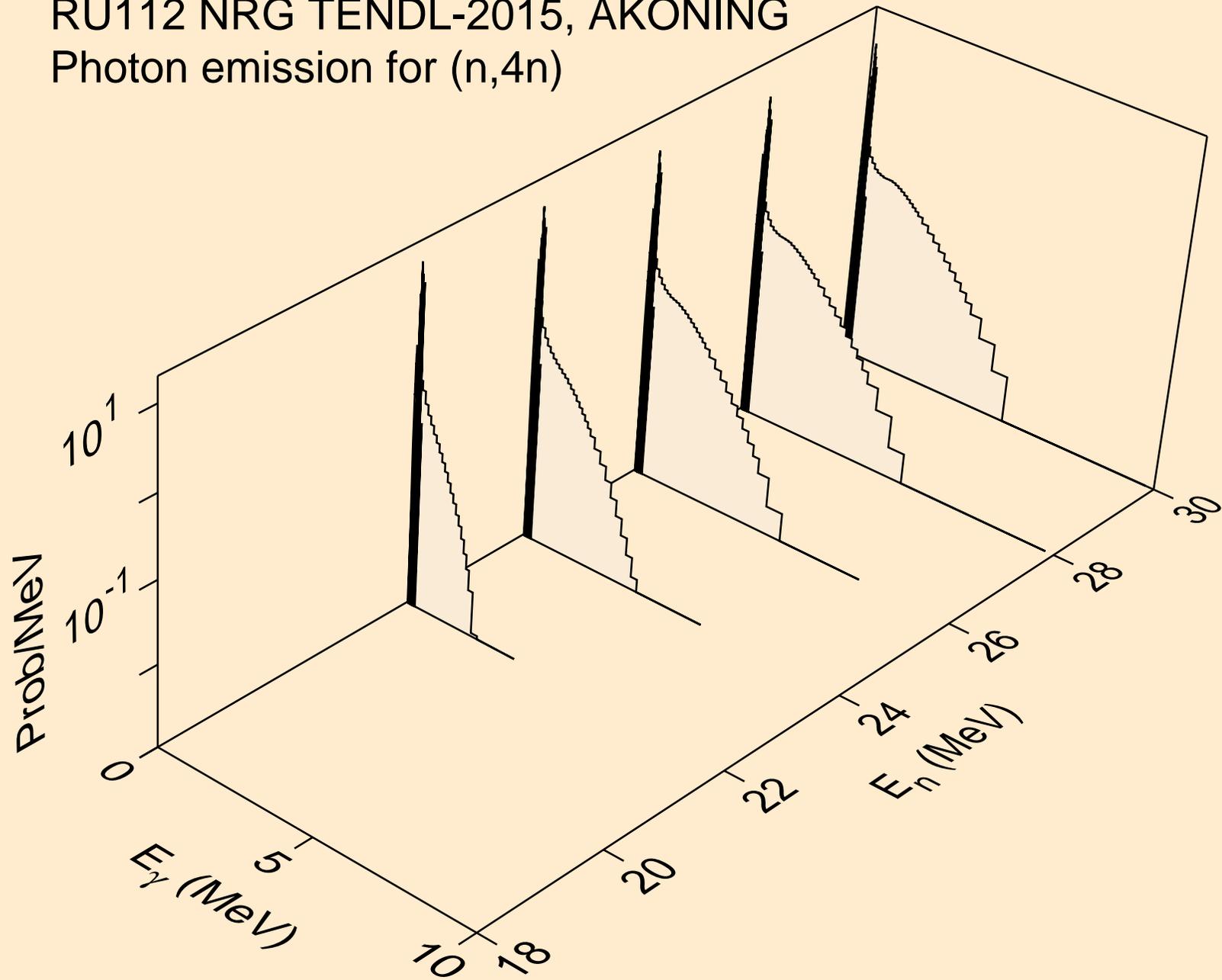
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



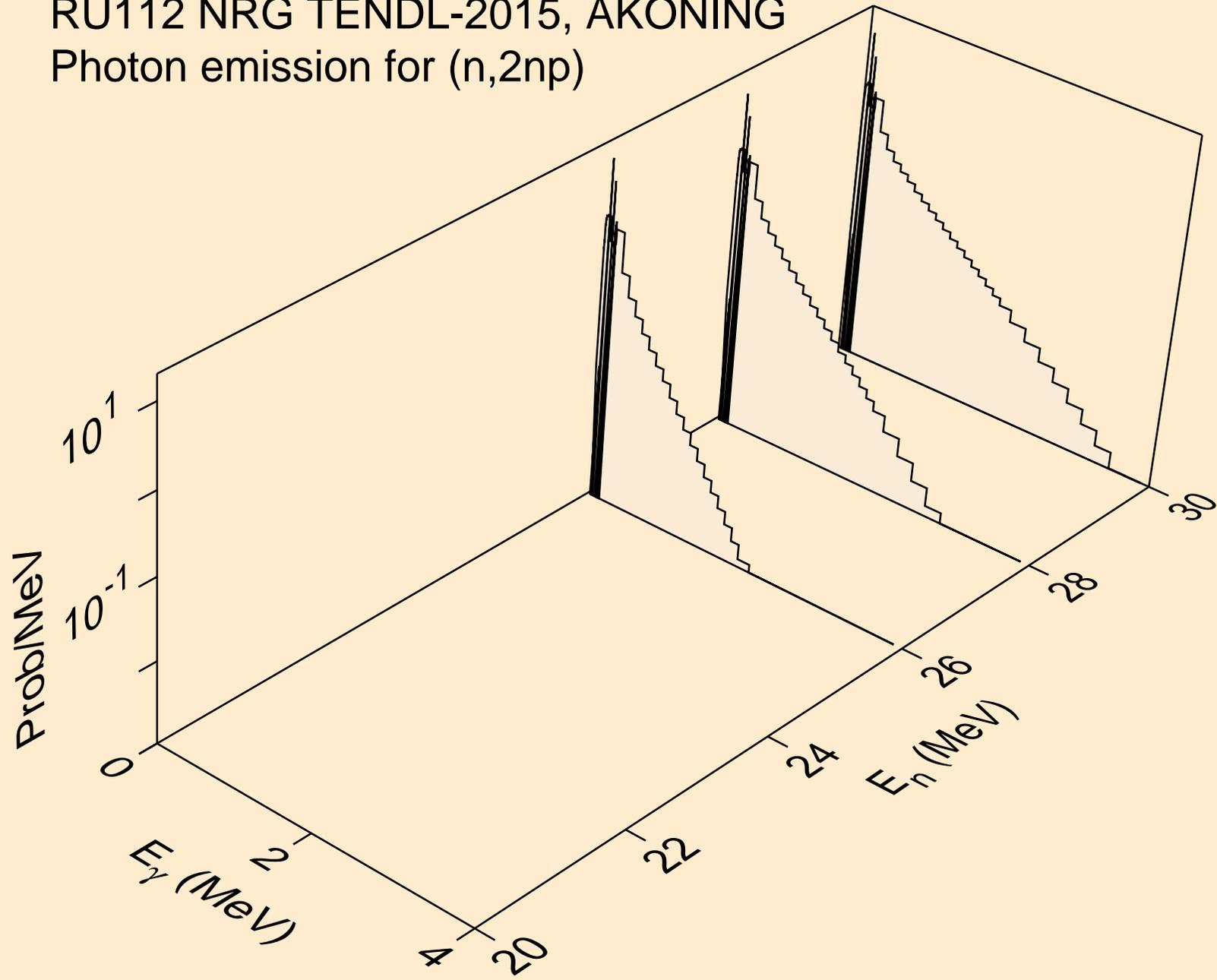
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



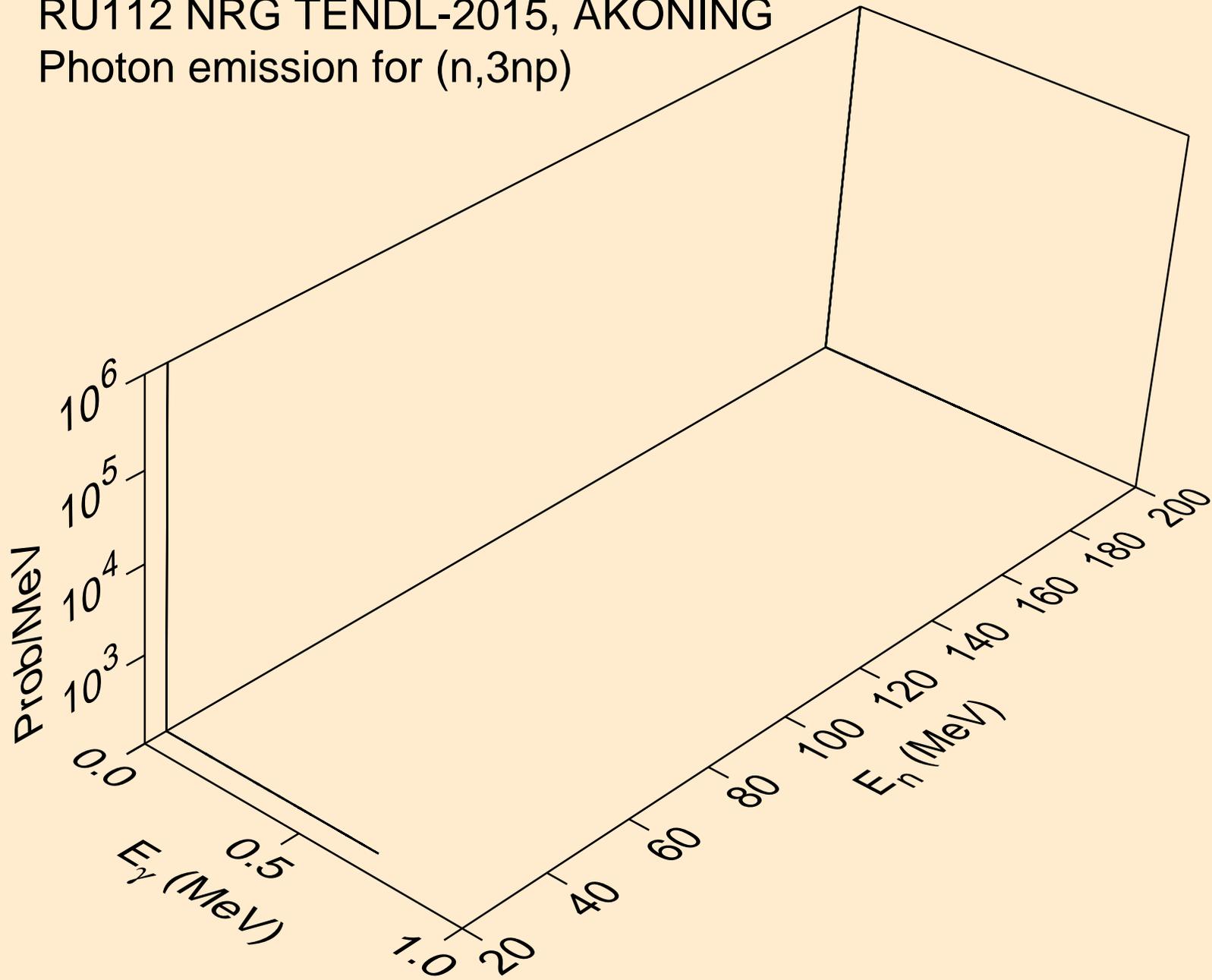
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



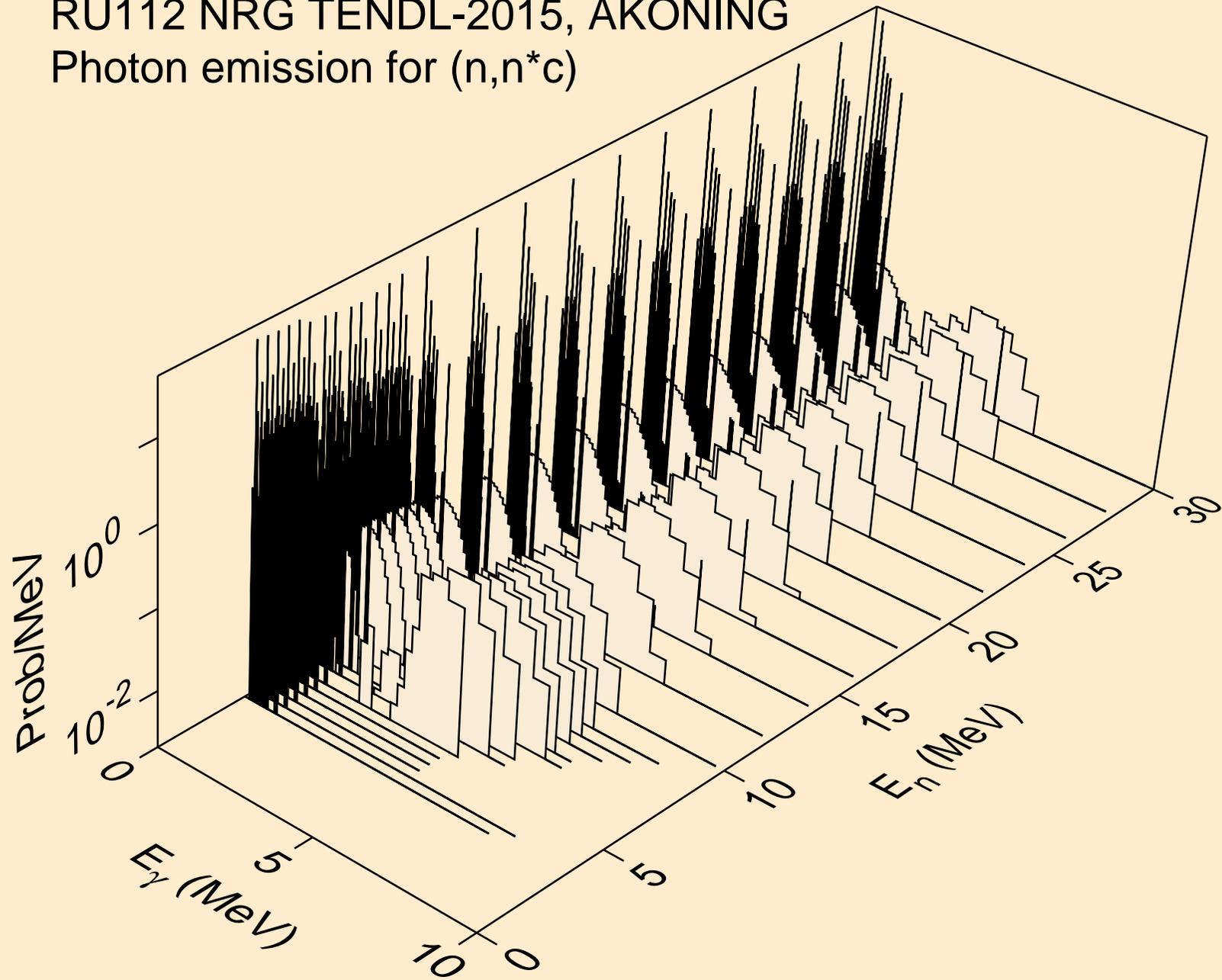
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



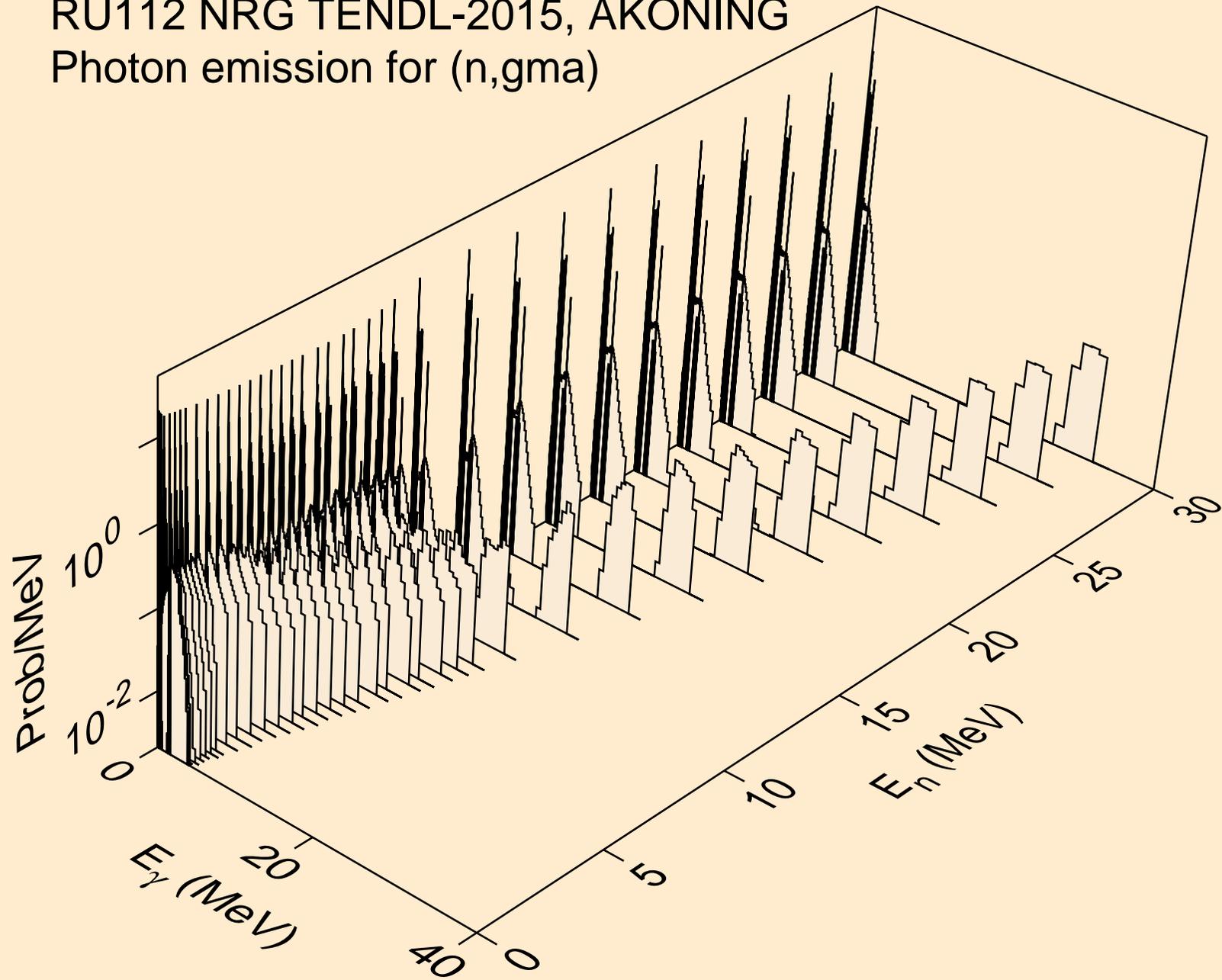
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



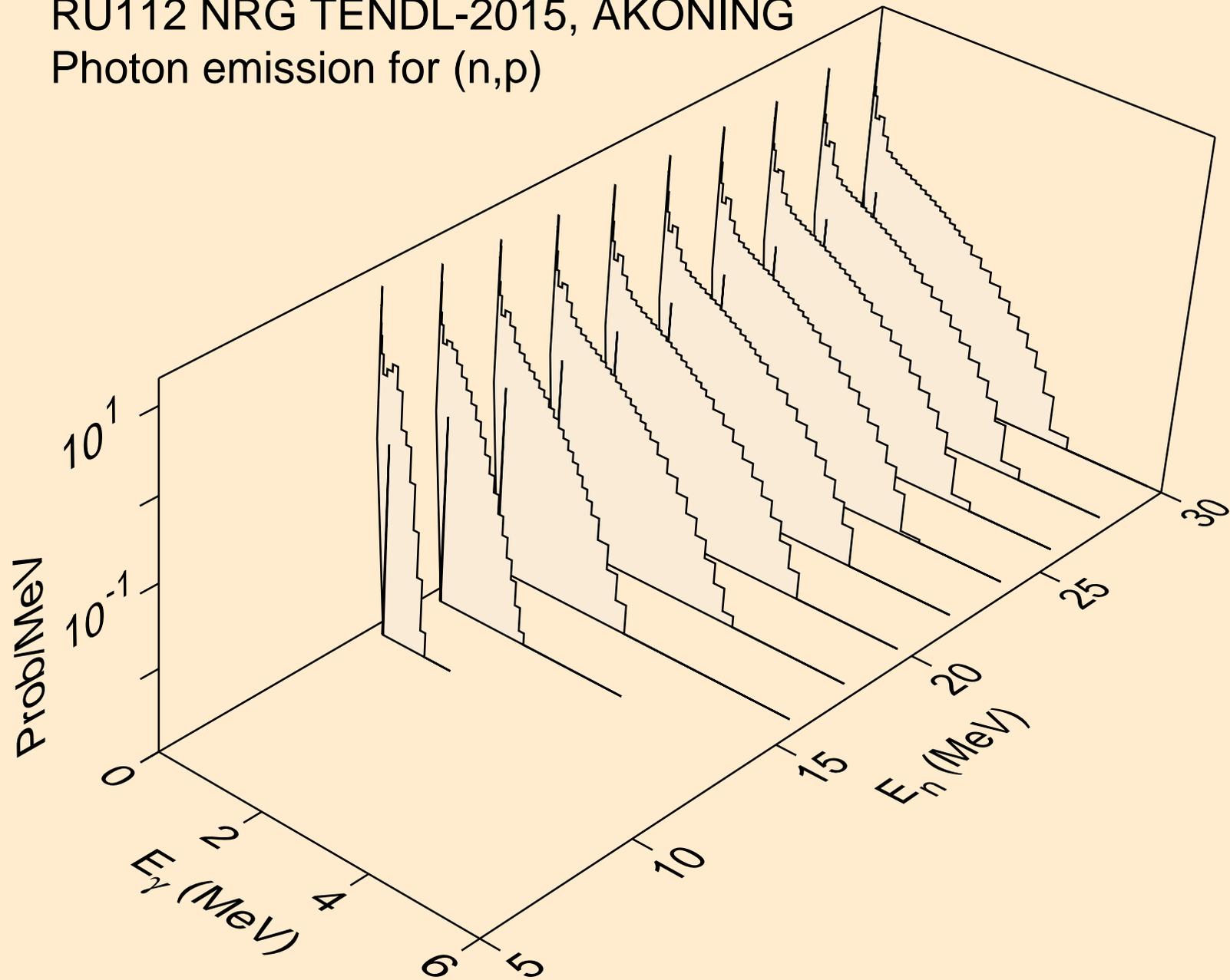
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



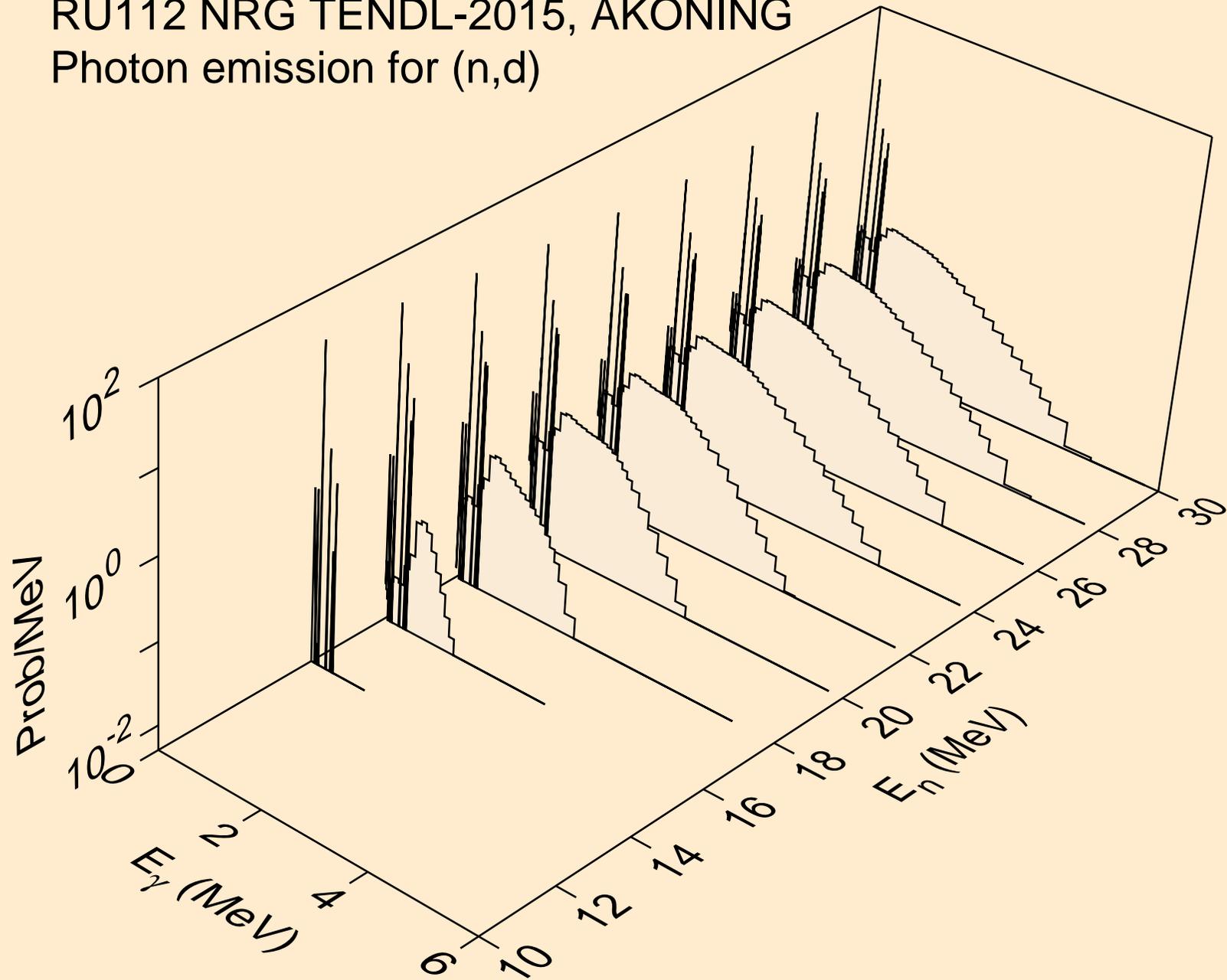
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



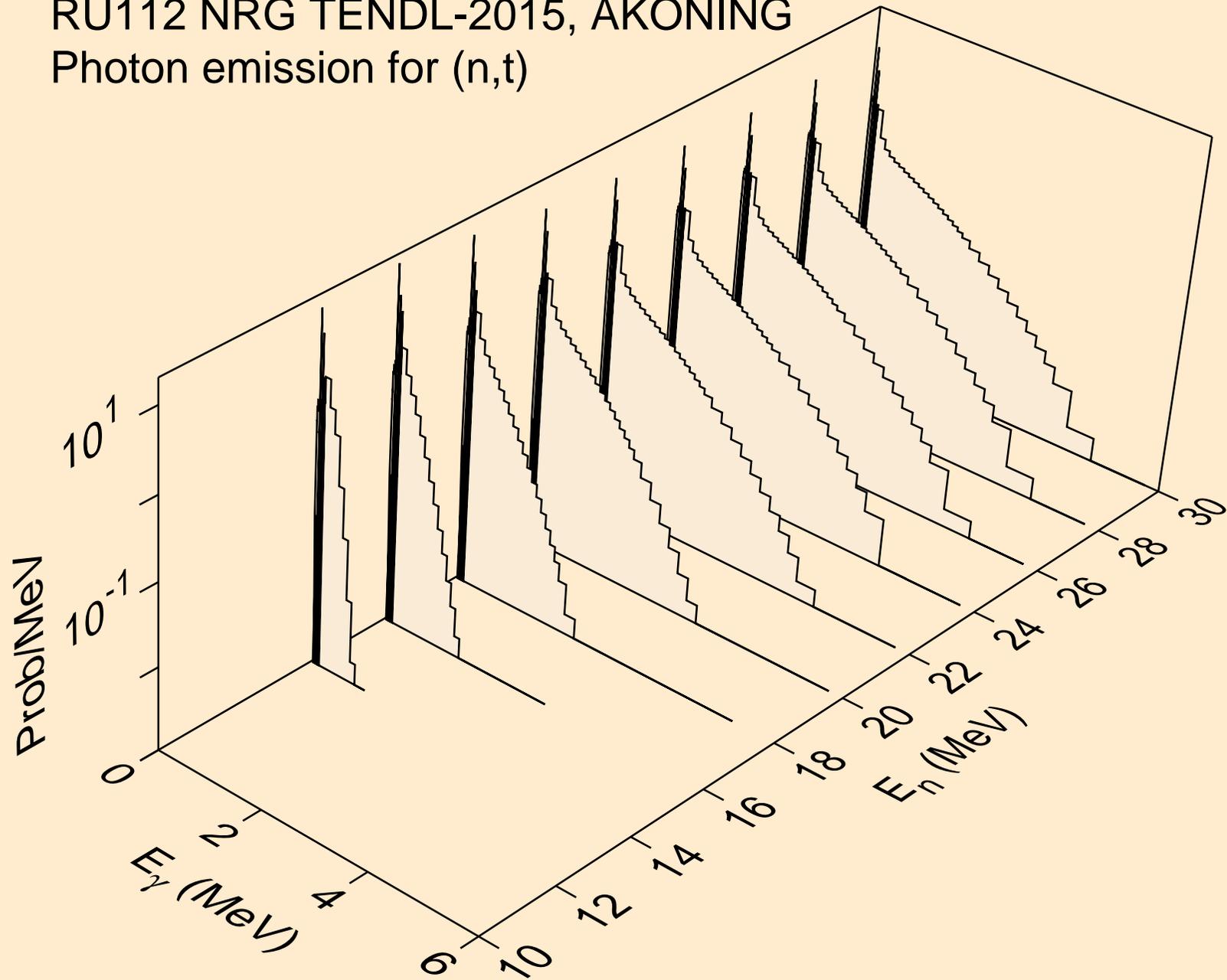
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



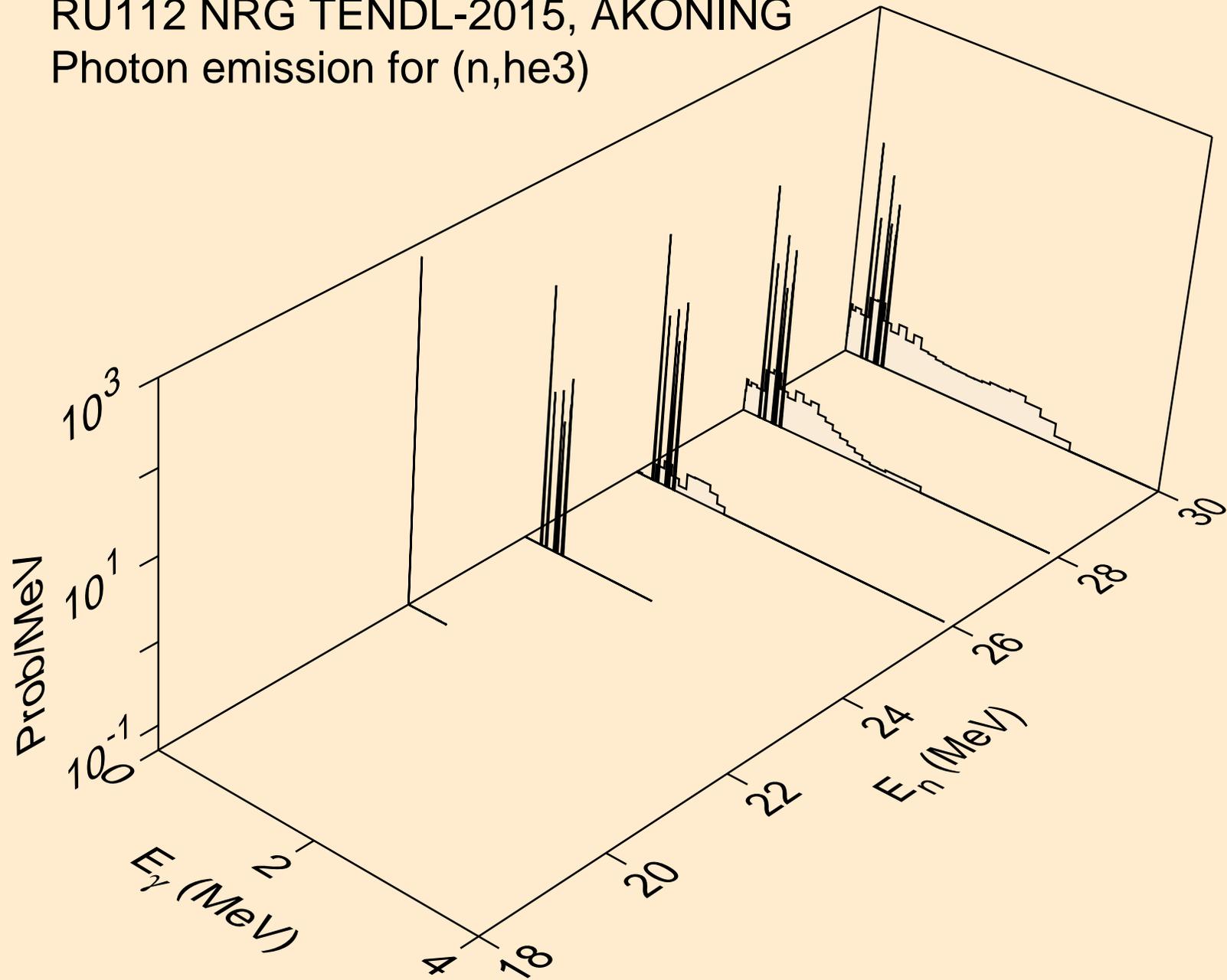
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



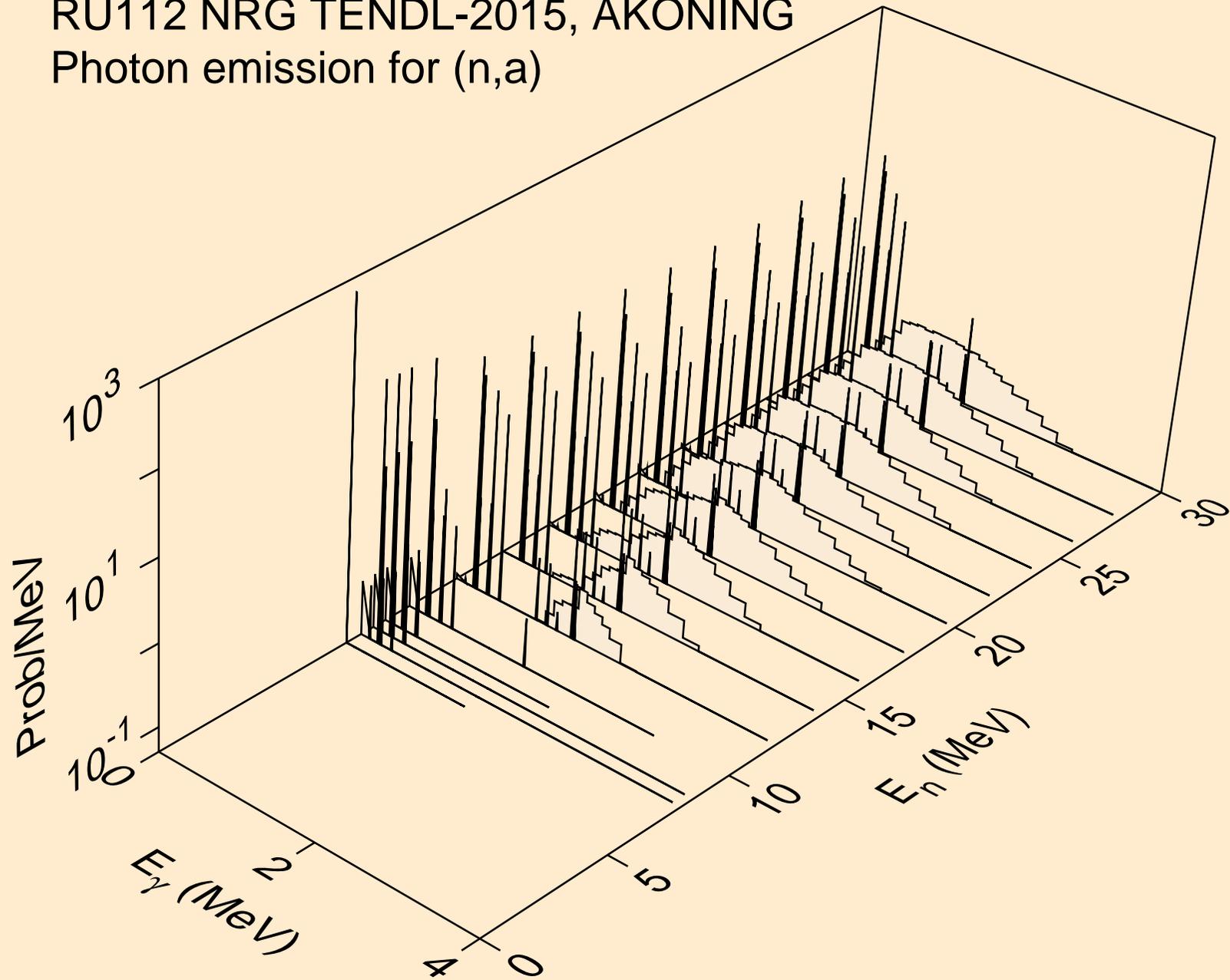
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



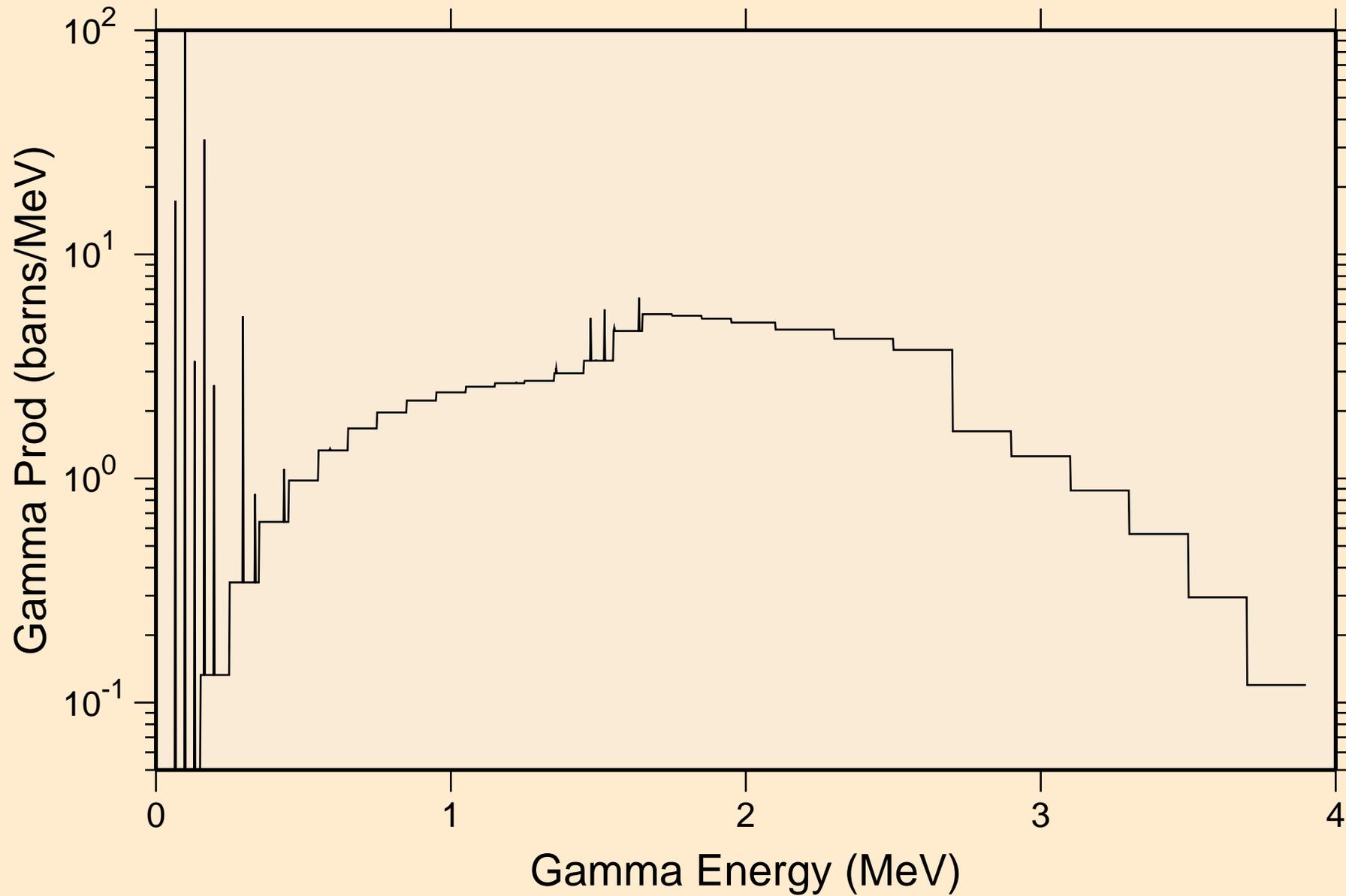
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



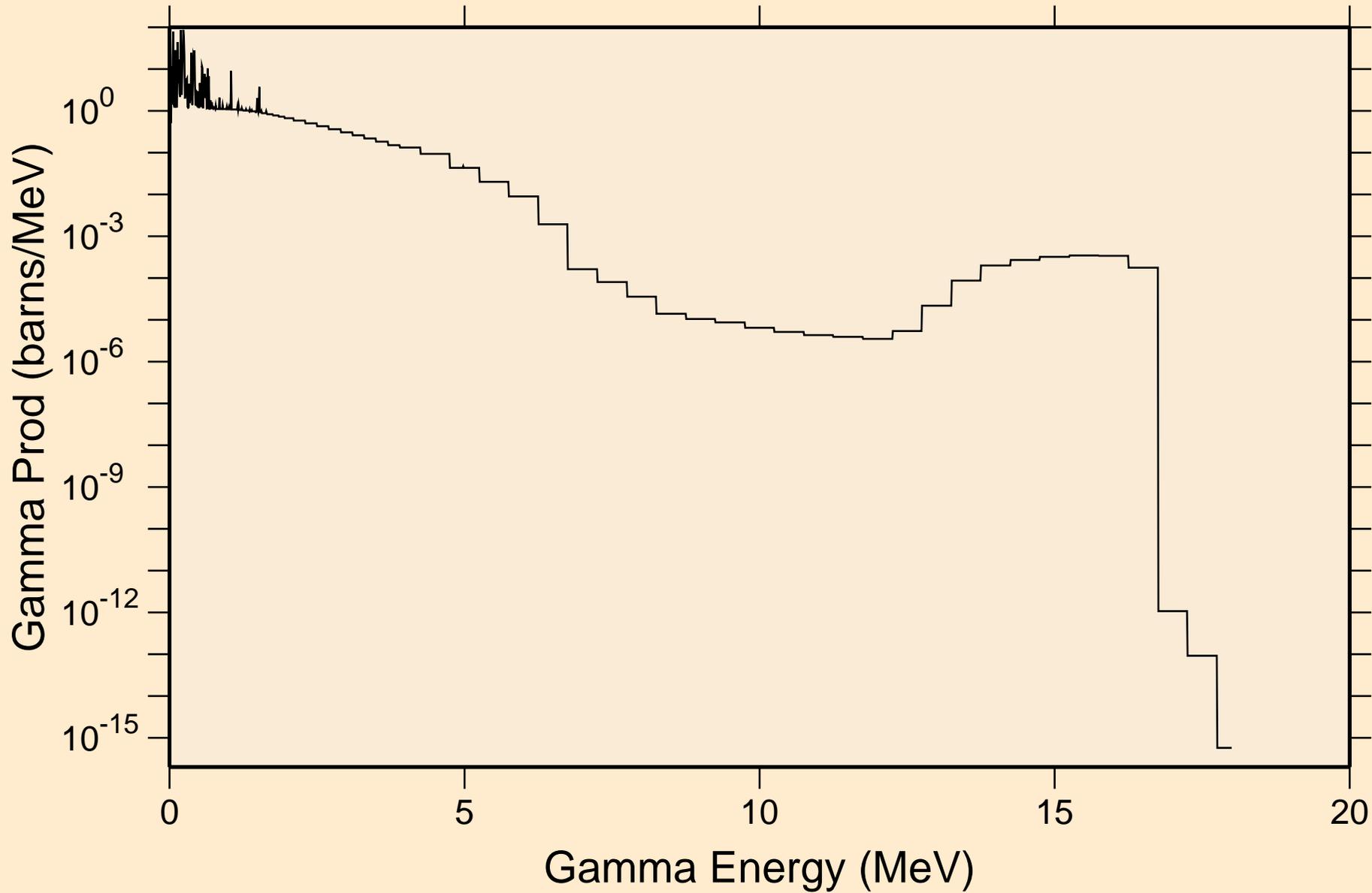
RU112 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



RU112 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

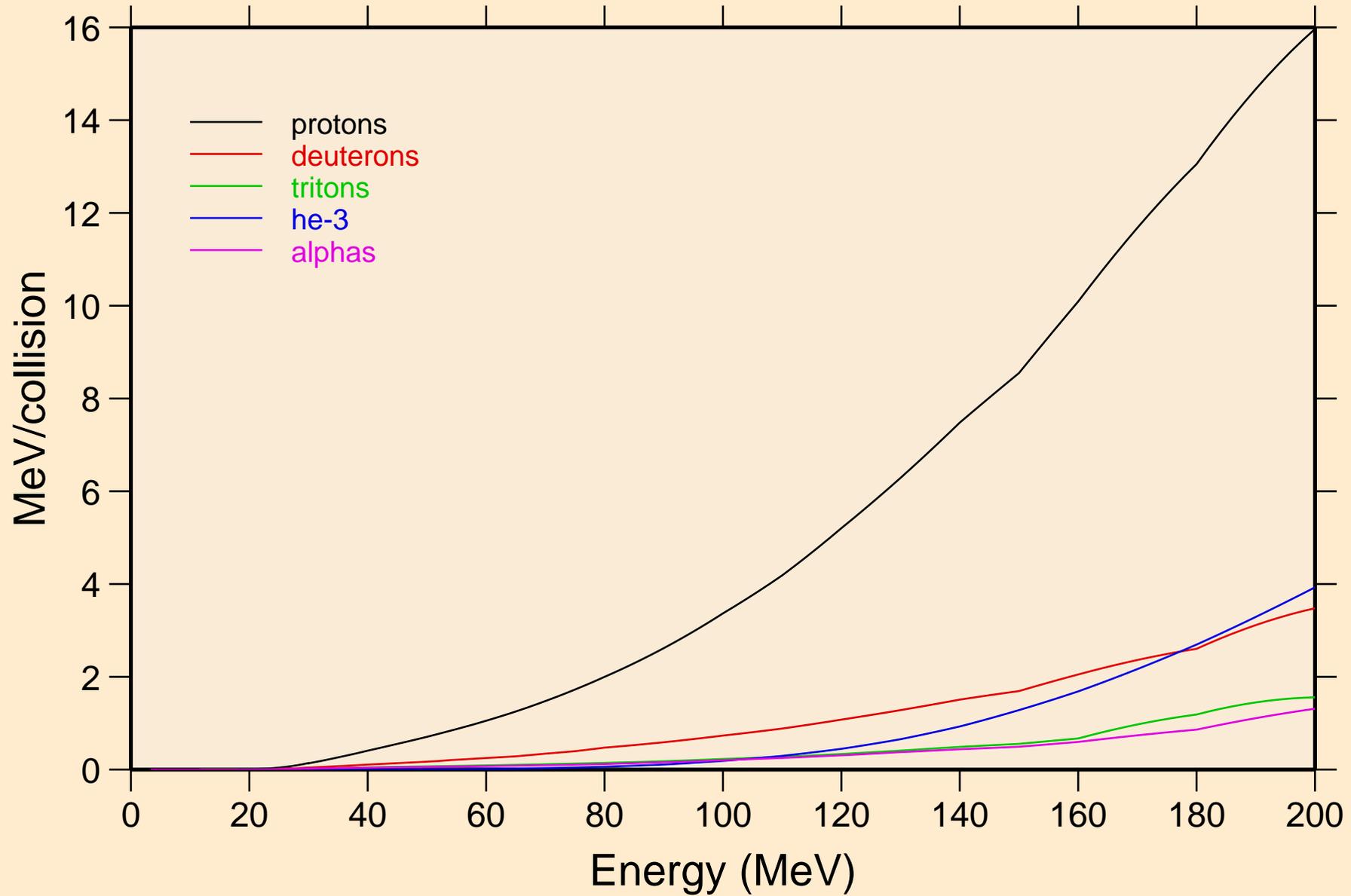


RU112 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



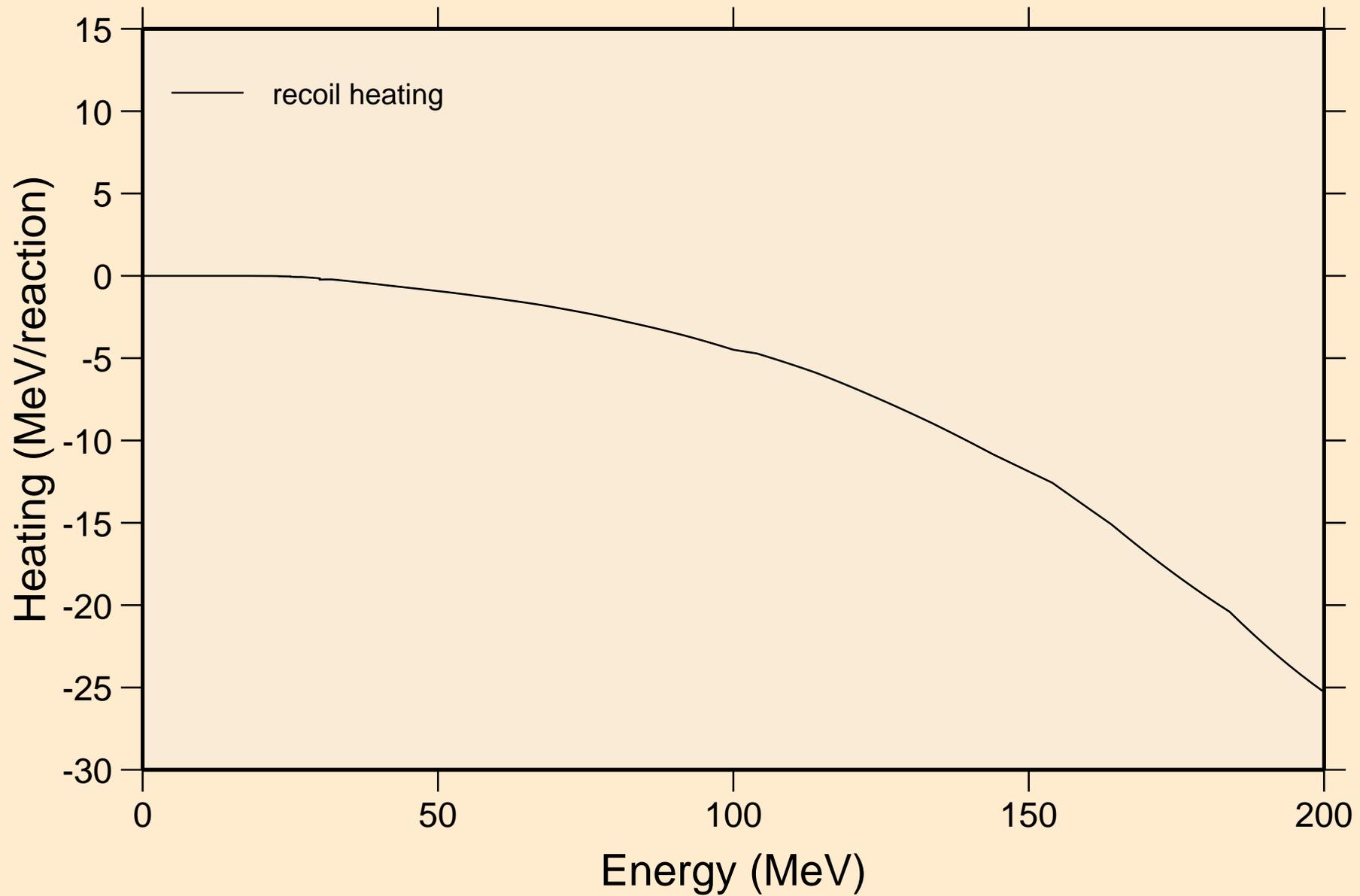
# RU112 NRG TENDL-2015, AKONING

## Particle heating contributions



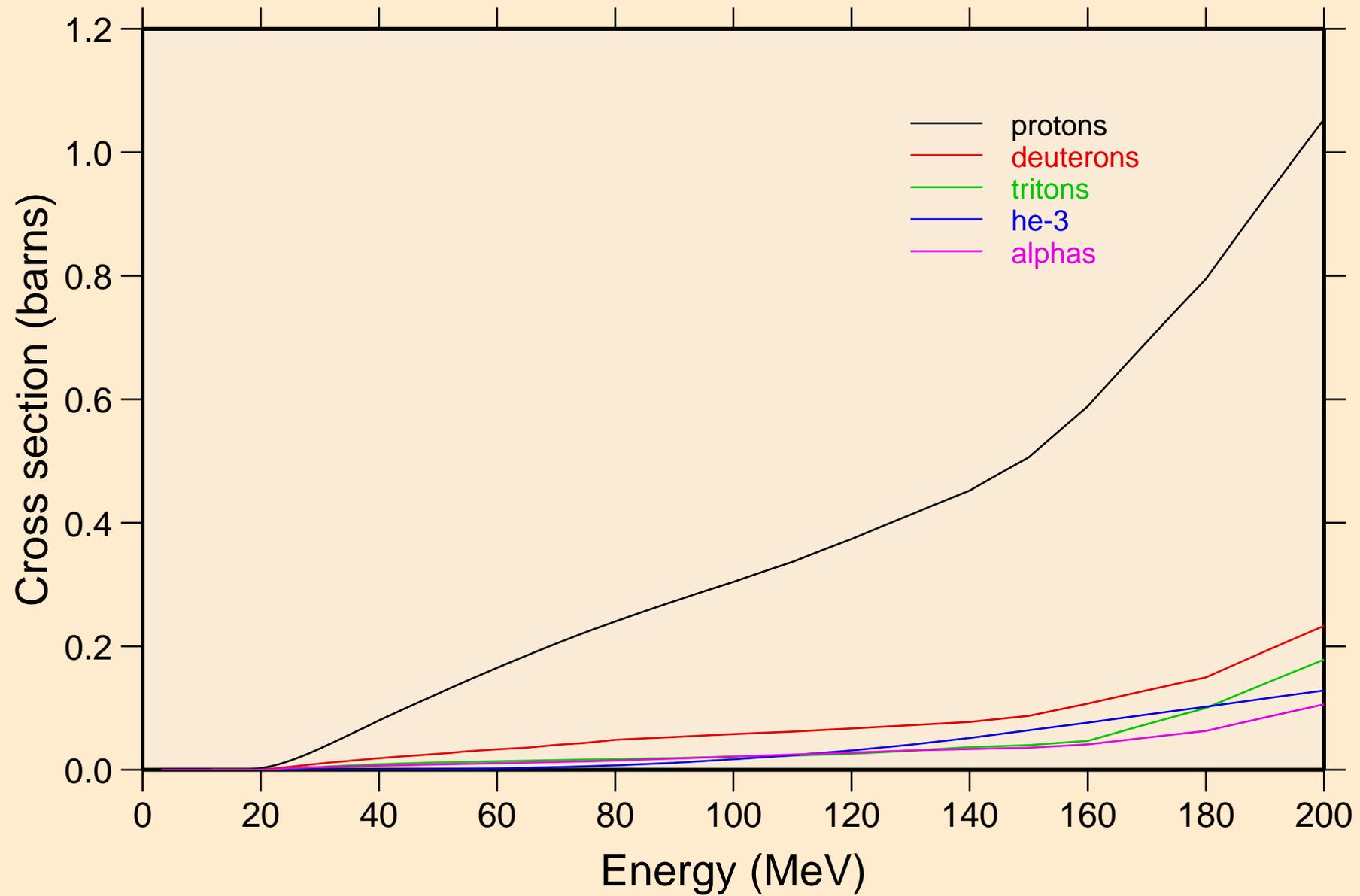
# RU112 NRG TENDL-2015, AKONING

## Recoil Heating

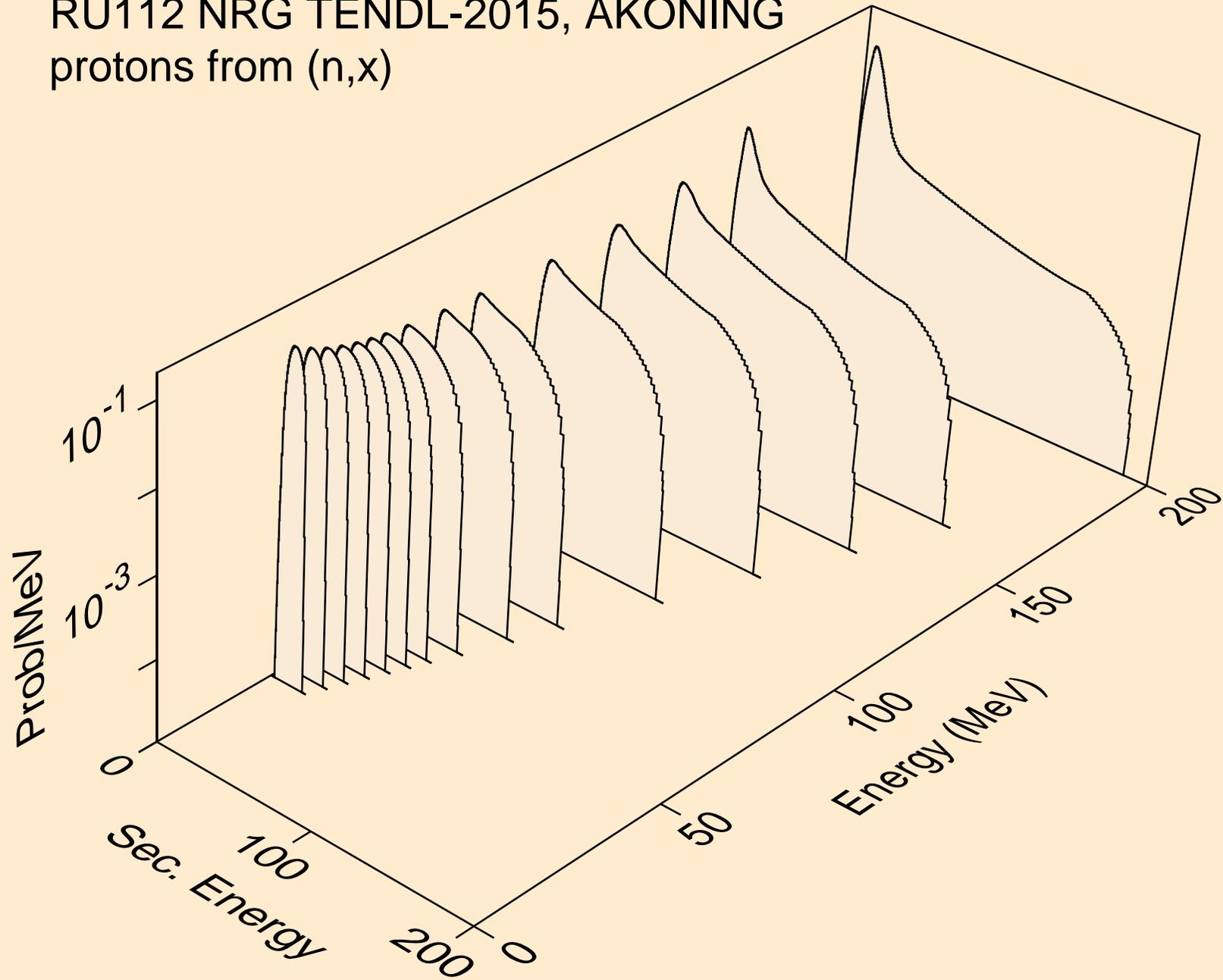


# RU112 NRG TENDL-2015, AKONING

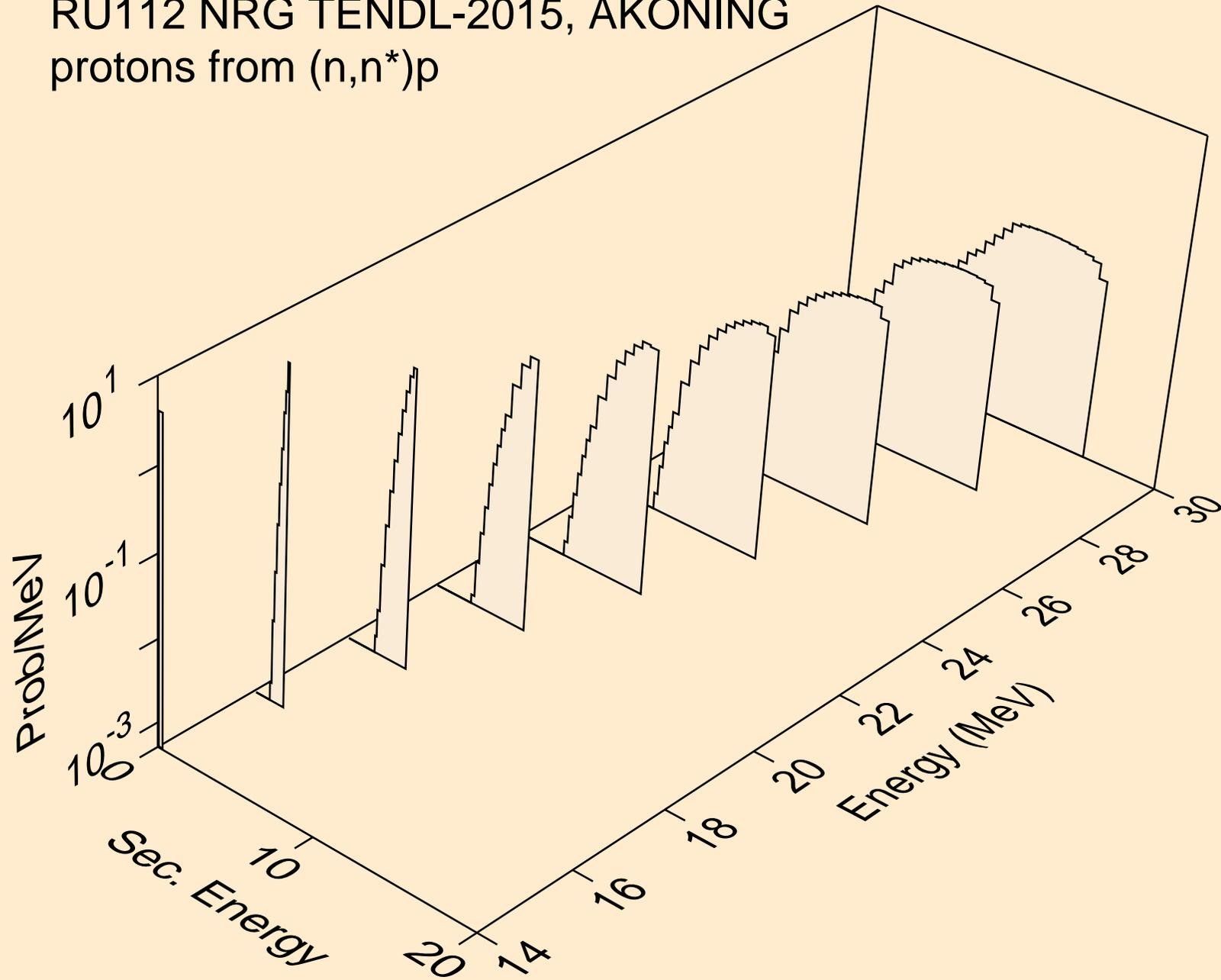
## Particle production cross sections



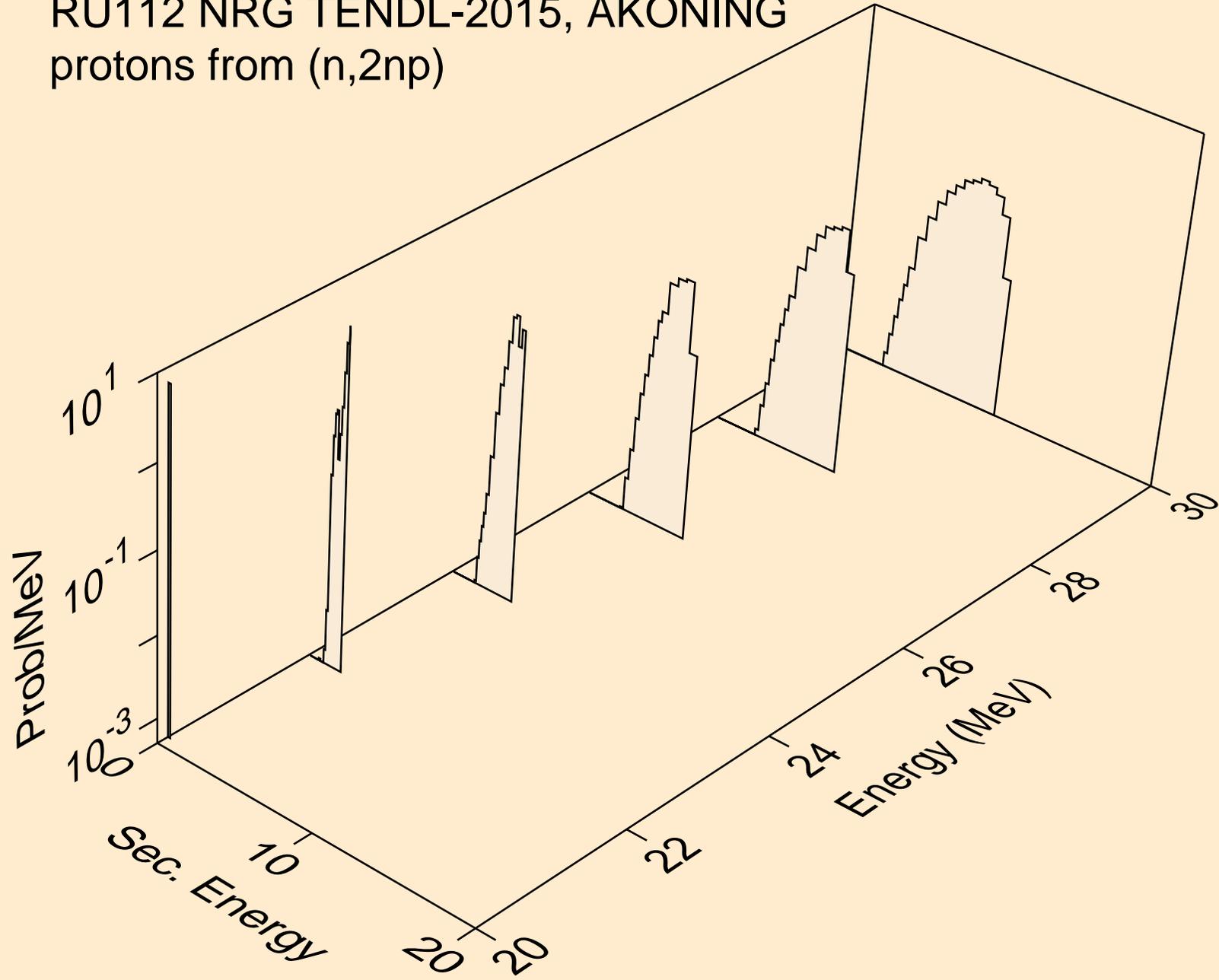
RU112 NRG TENDL-2015, AKONING  
protons from (n,x)



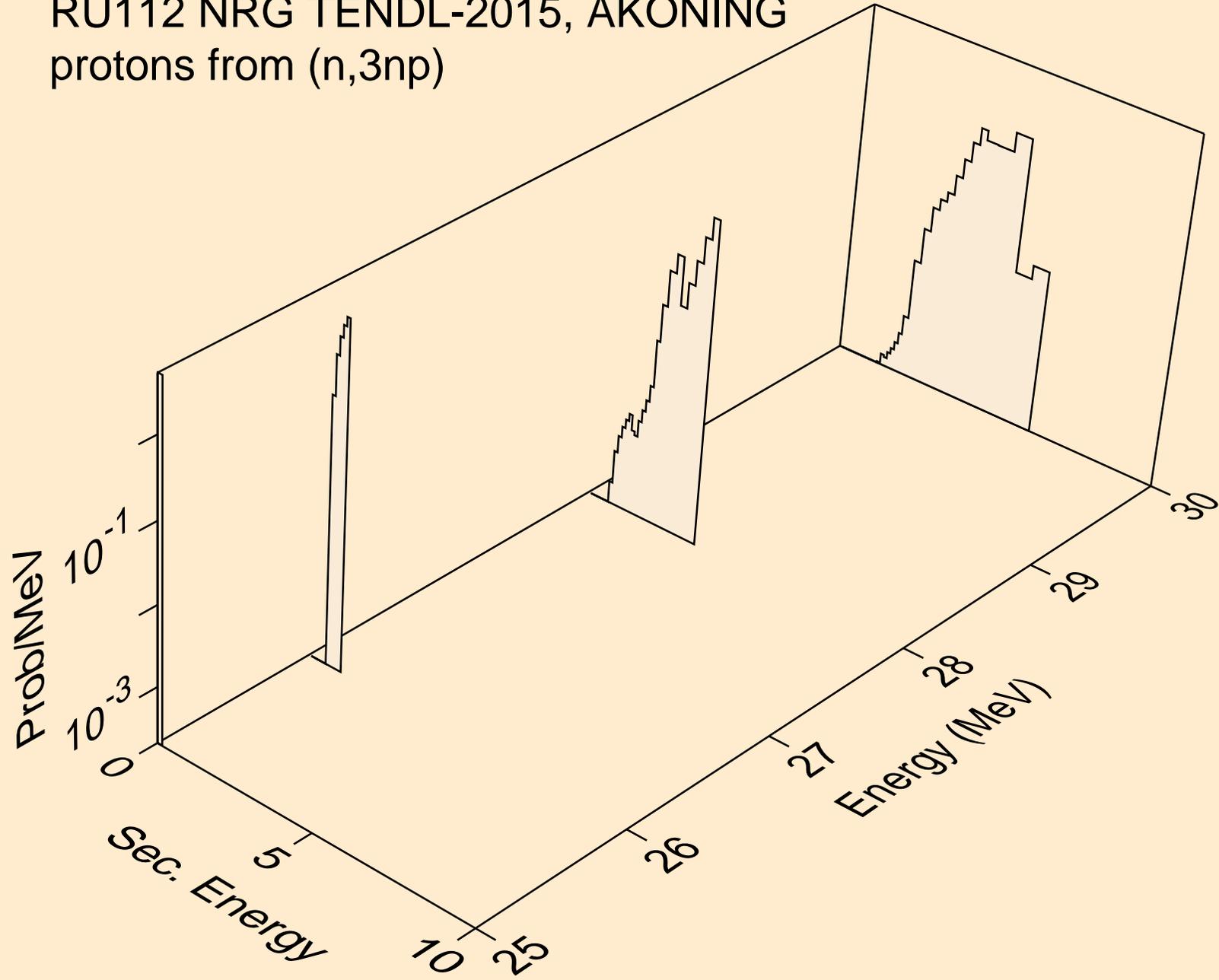
RU112 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



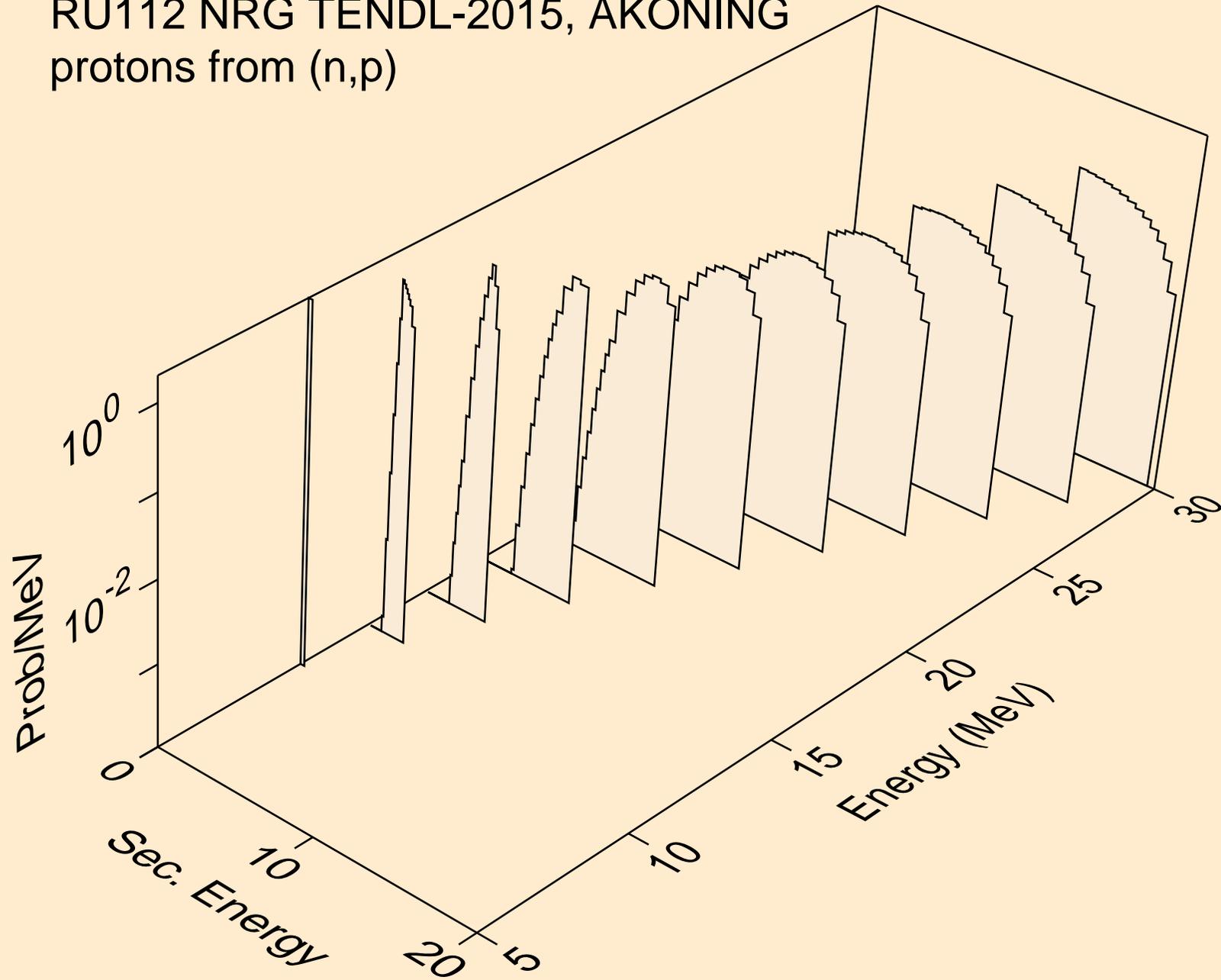
RU112 NRG TENDL-2015, AKONING  
protons from (n,2np)



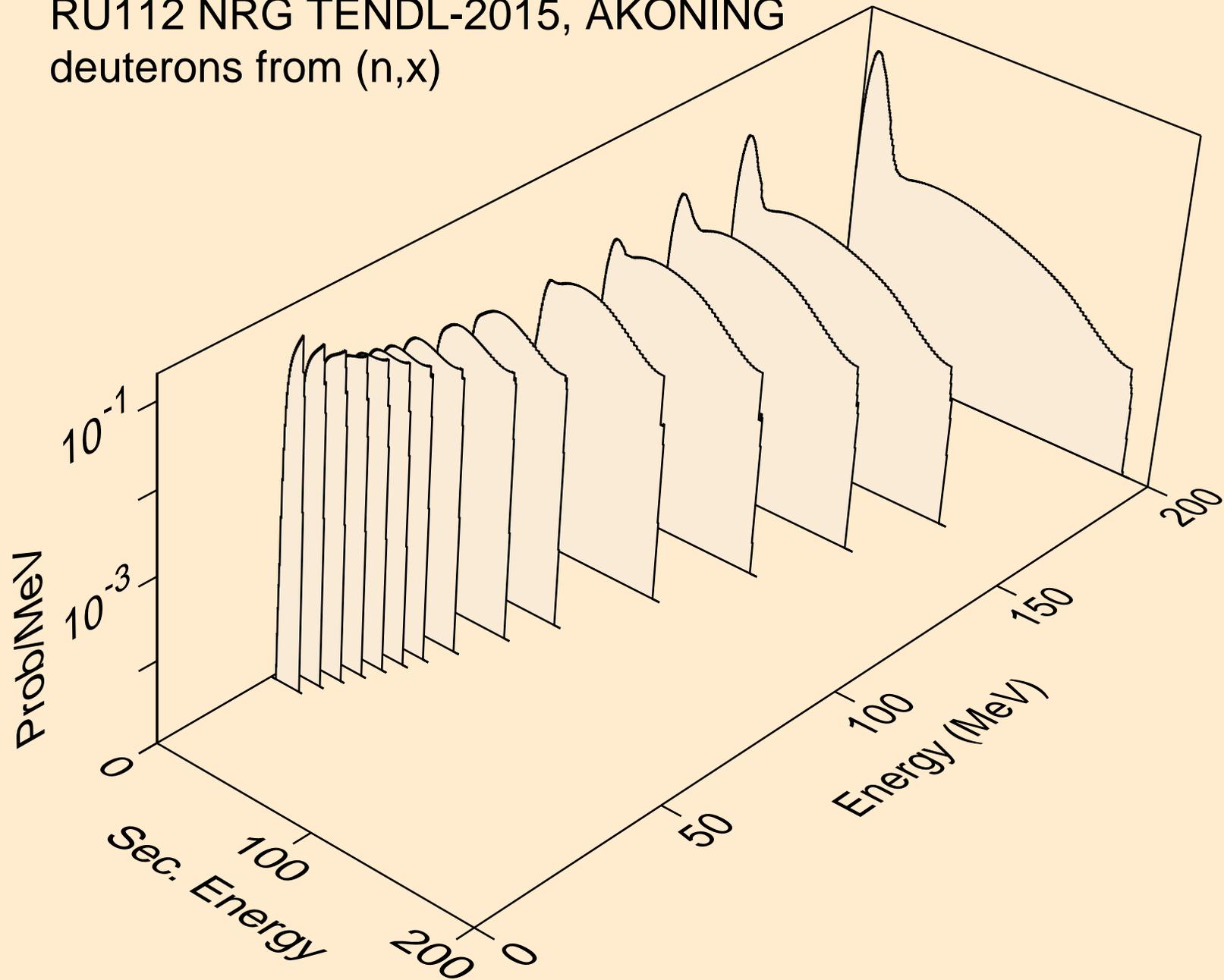
RU112 NRG TENDL-2015, AKONING  
protons from (n,3np)



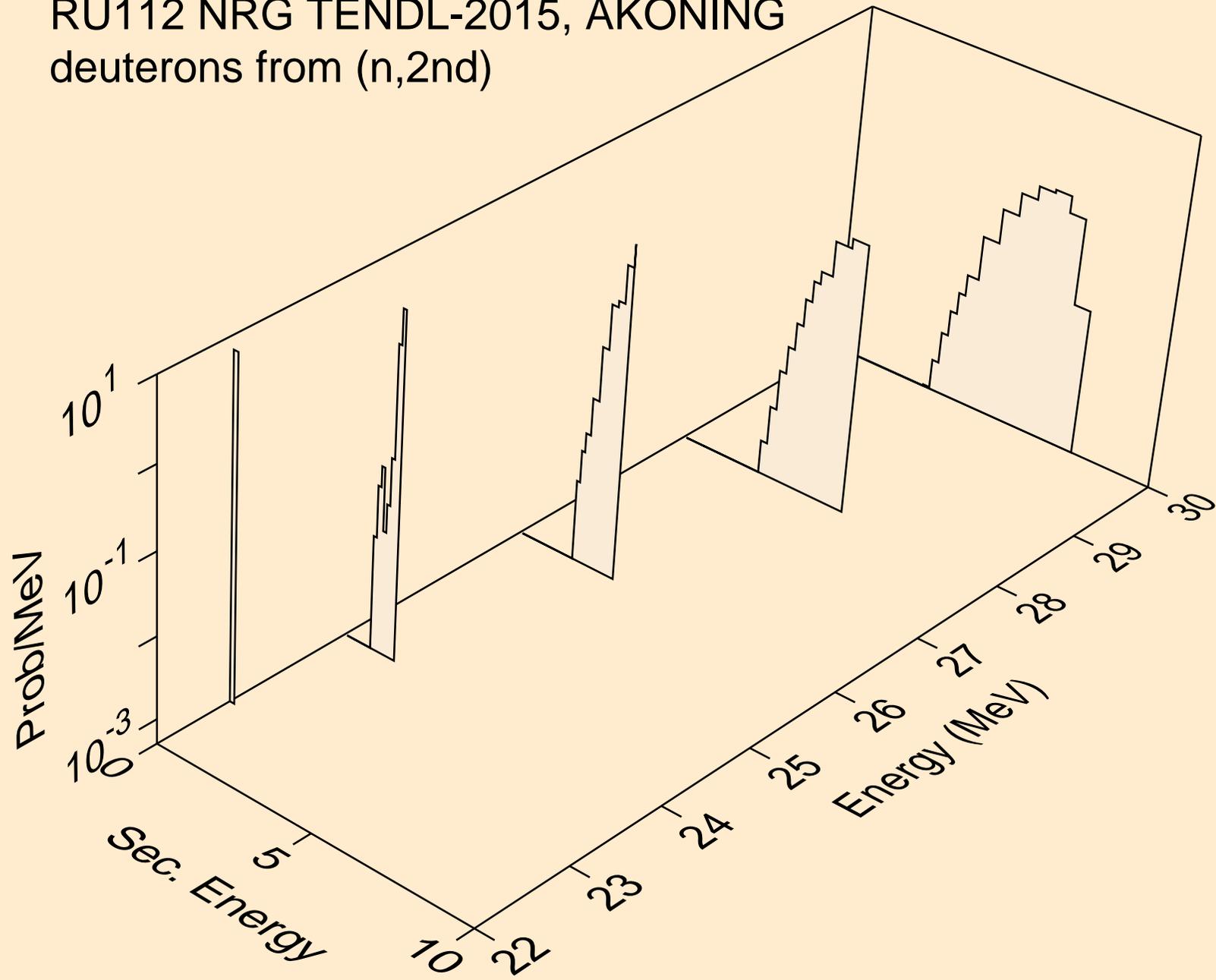
RU112 NRG TENDL-2015, AKONING  
protons from (n,p)



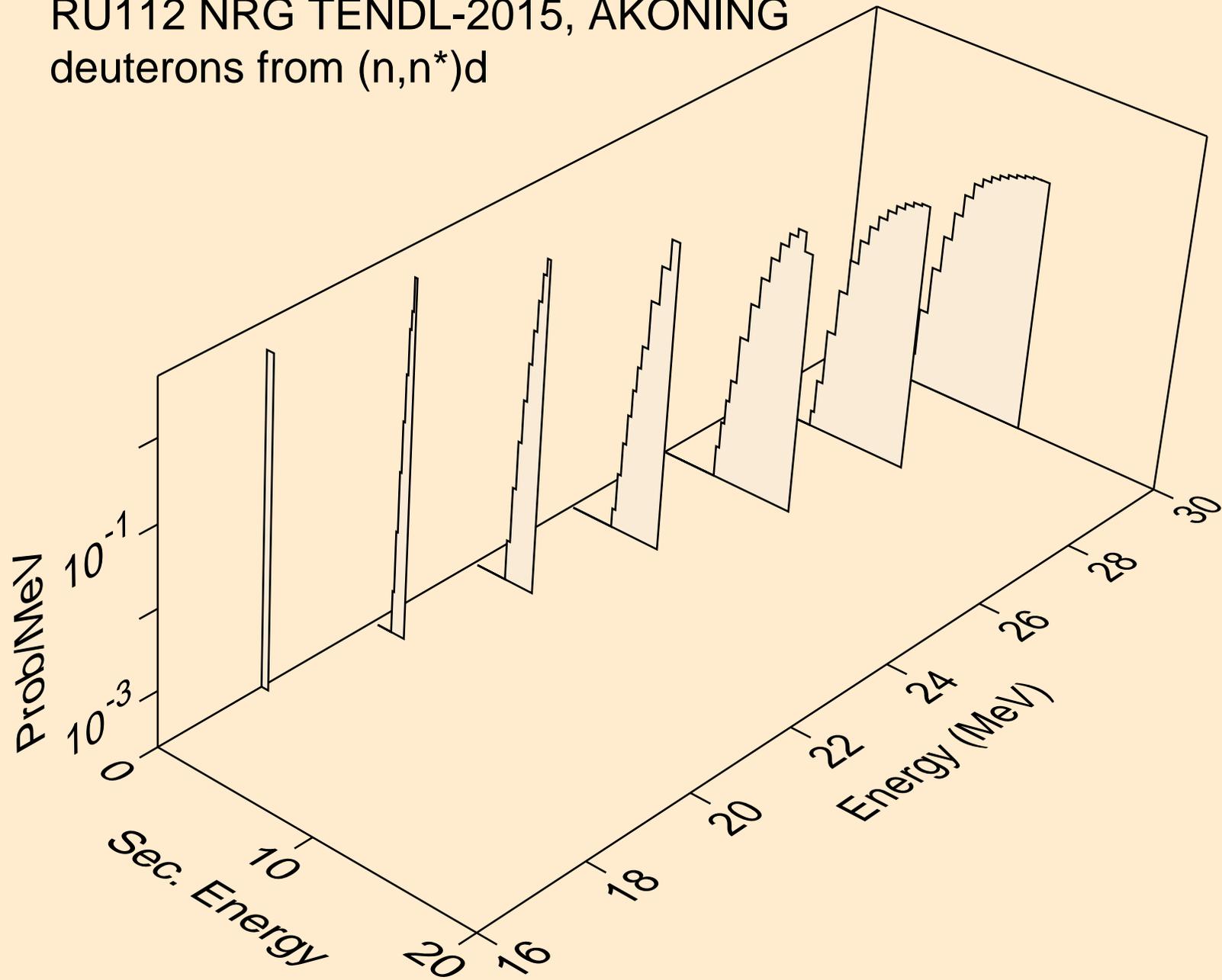
RU112 NRG TENDL-2015, AKONING  
deuterons from (n,x)



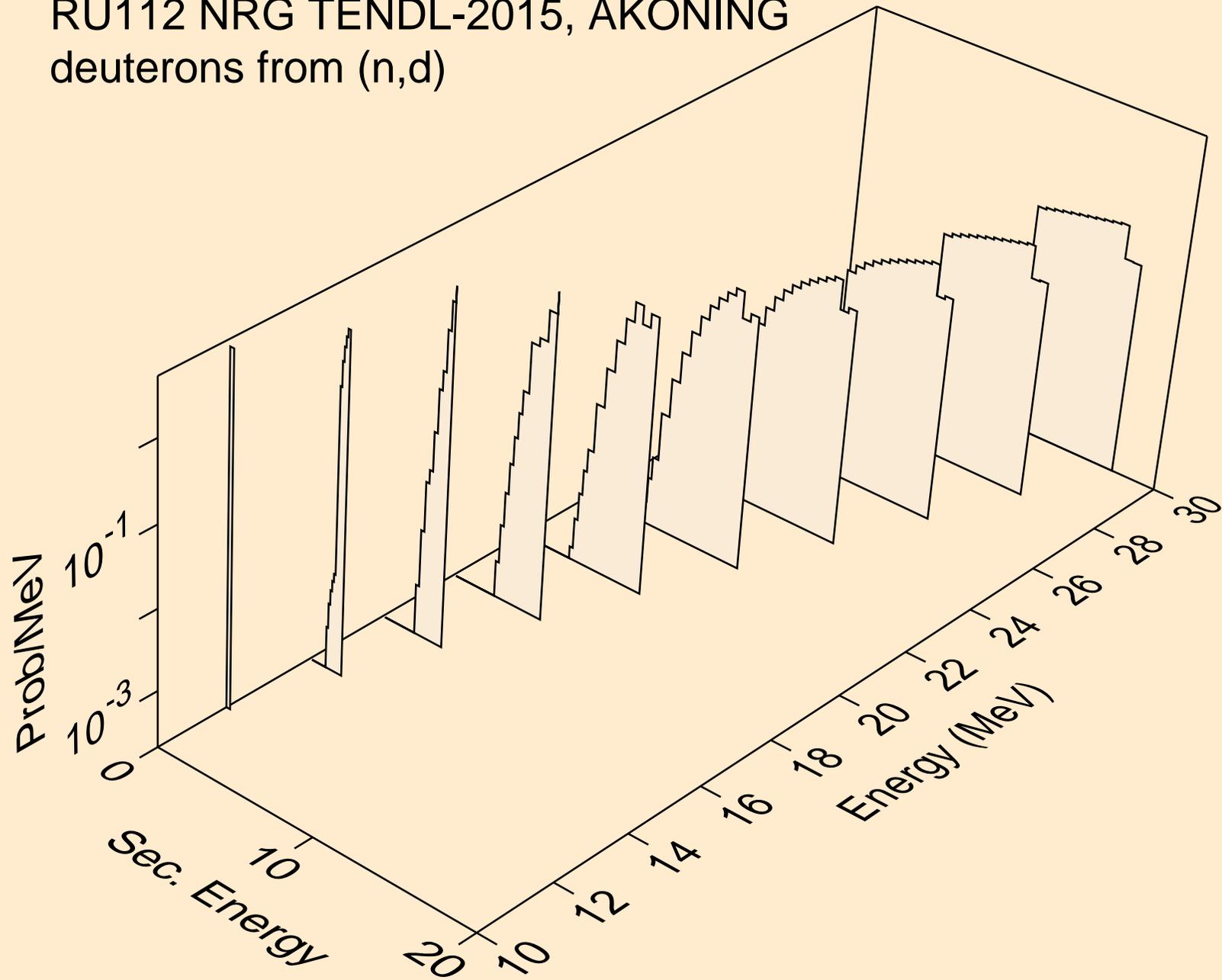
RU112 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



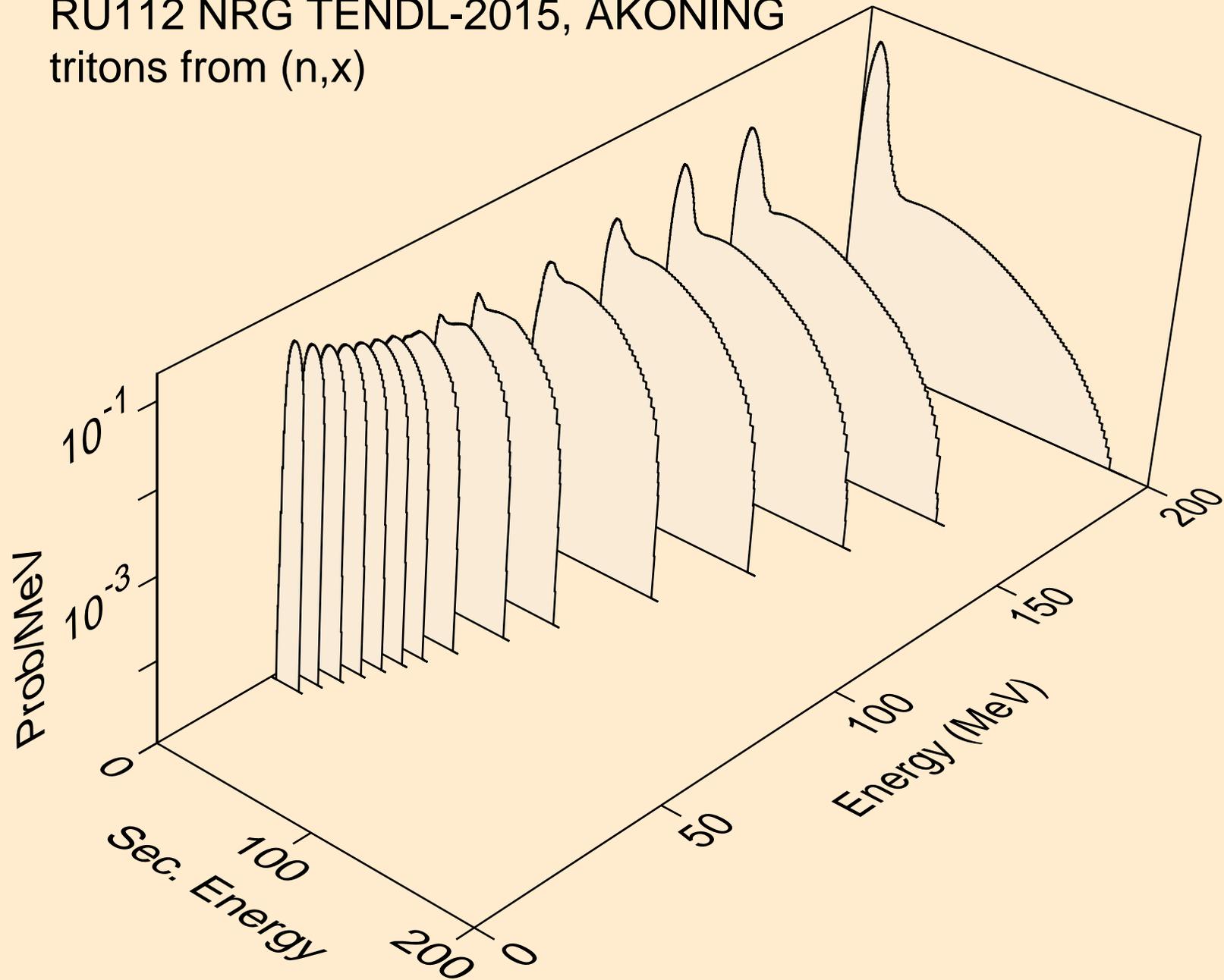
RU112 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



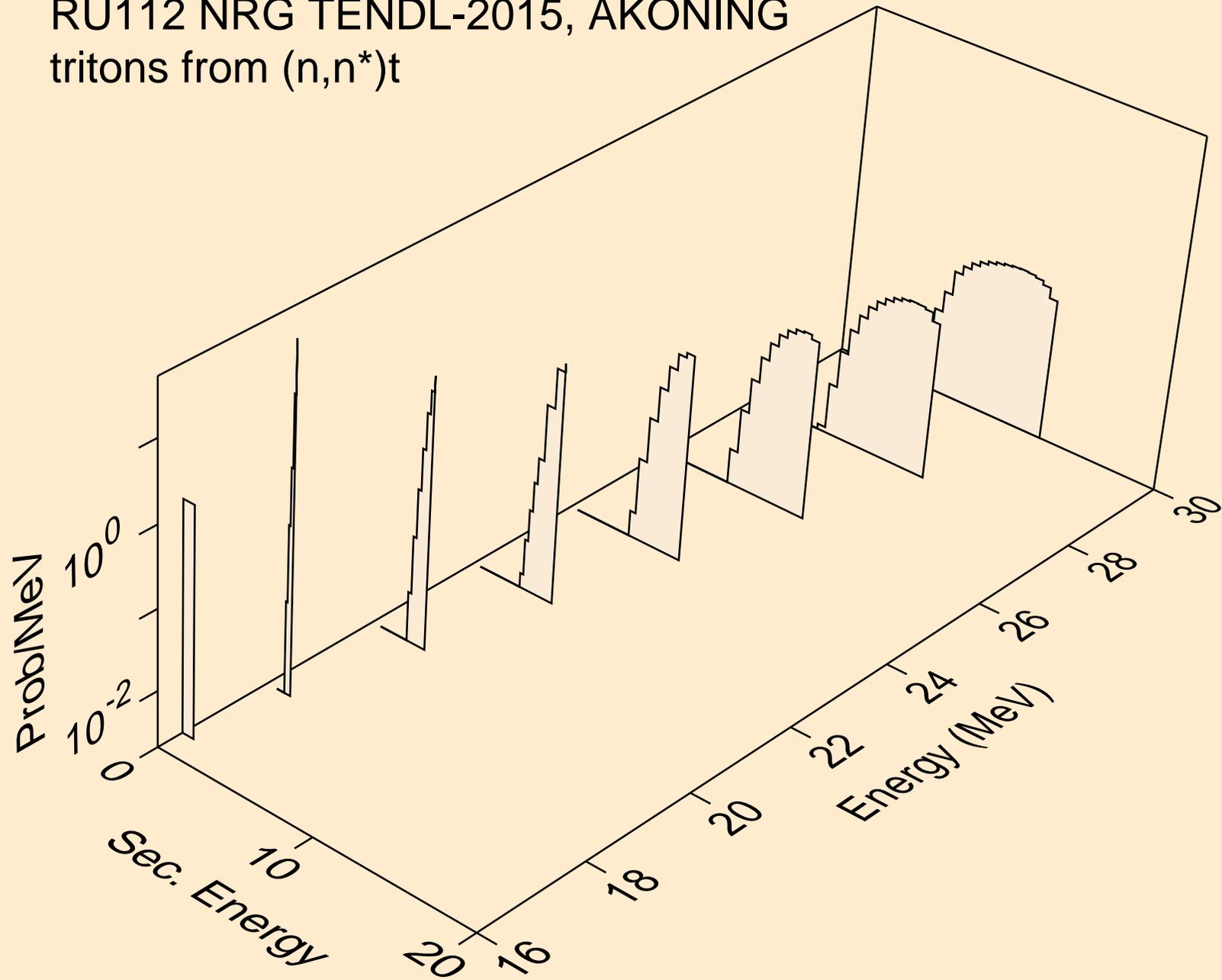
RU112 NRG TENDL-2015, AKONING  
deuterons from (n,d)



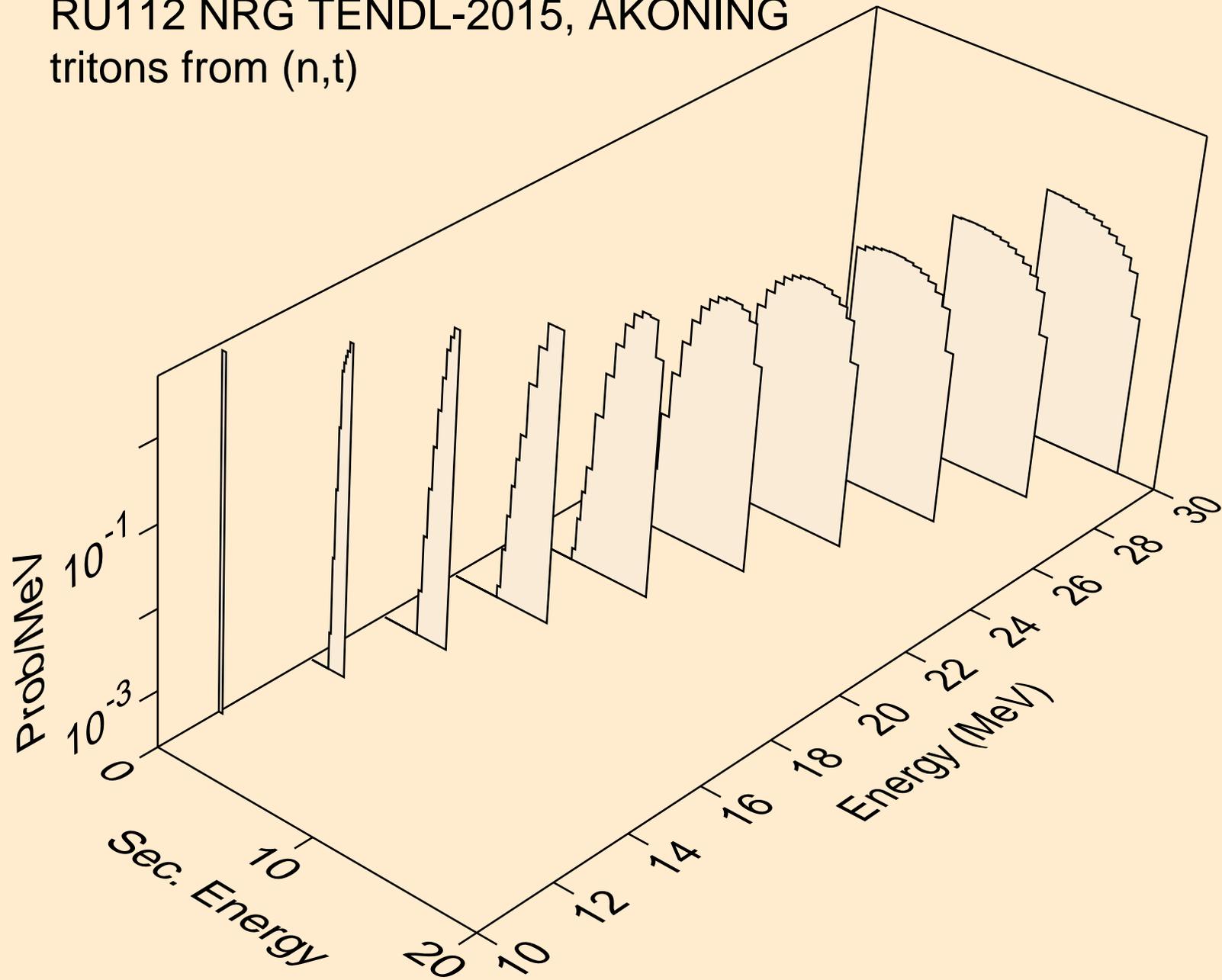
RU112 NRG TENDL-2015, AKONING  
tritons from (n,x)



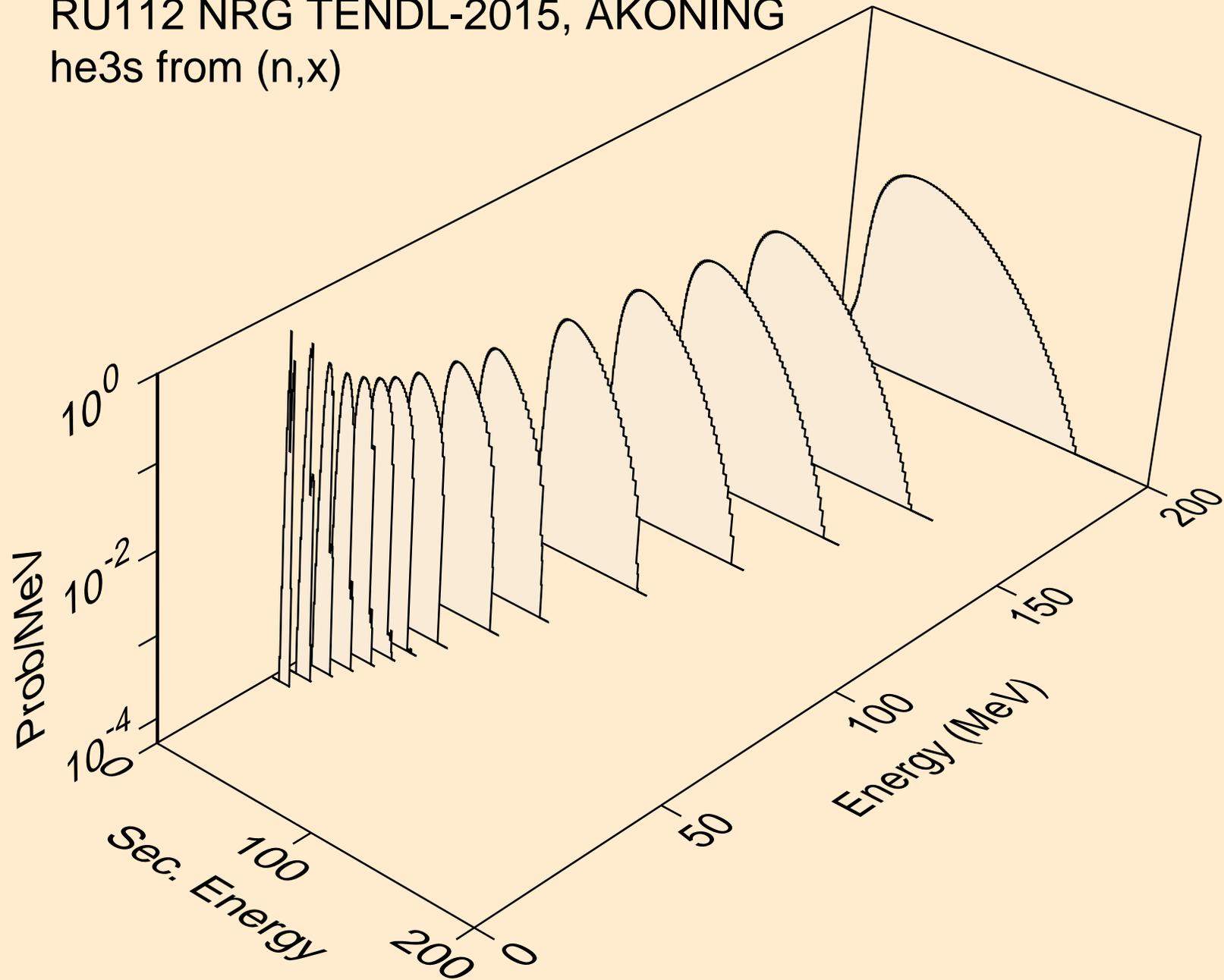
RU112 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



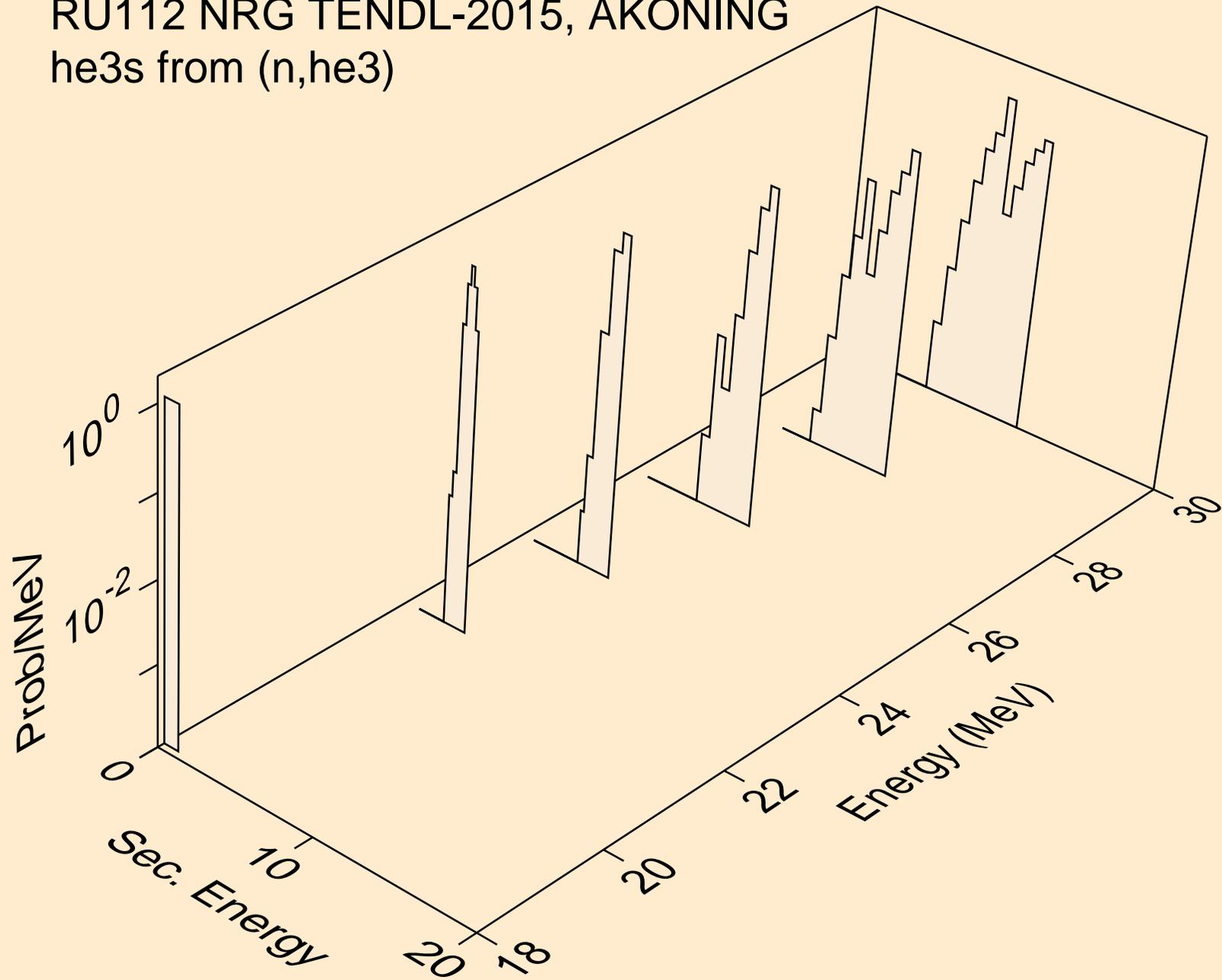
RU112 NRG TENDL-2015, AKONING  
tritons from (n,t)



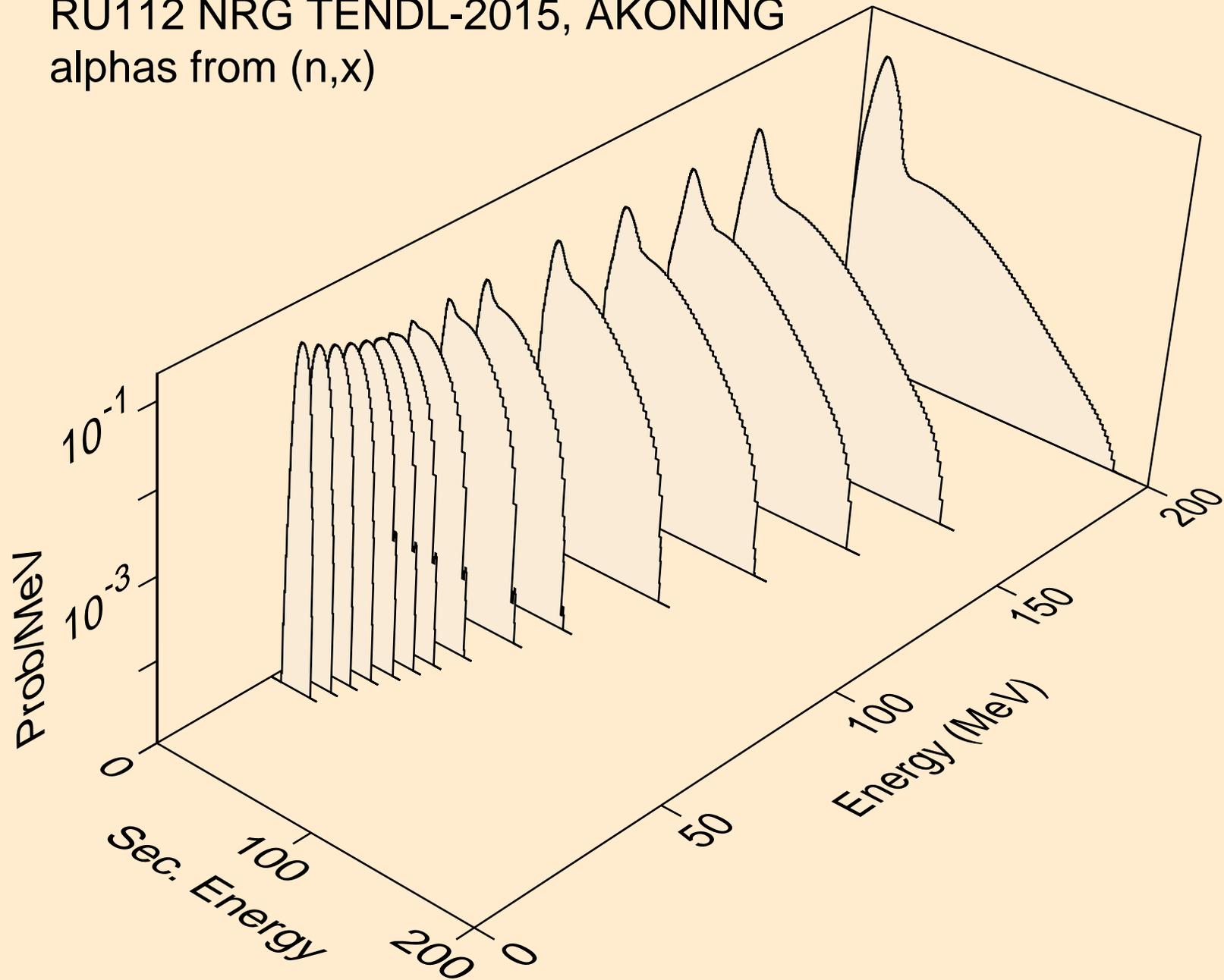
RU112 NRG TENDL-2015, AKONING  
he3s from (n,x)



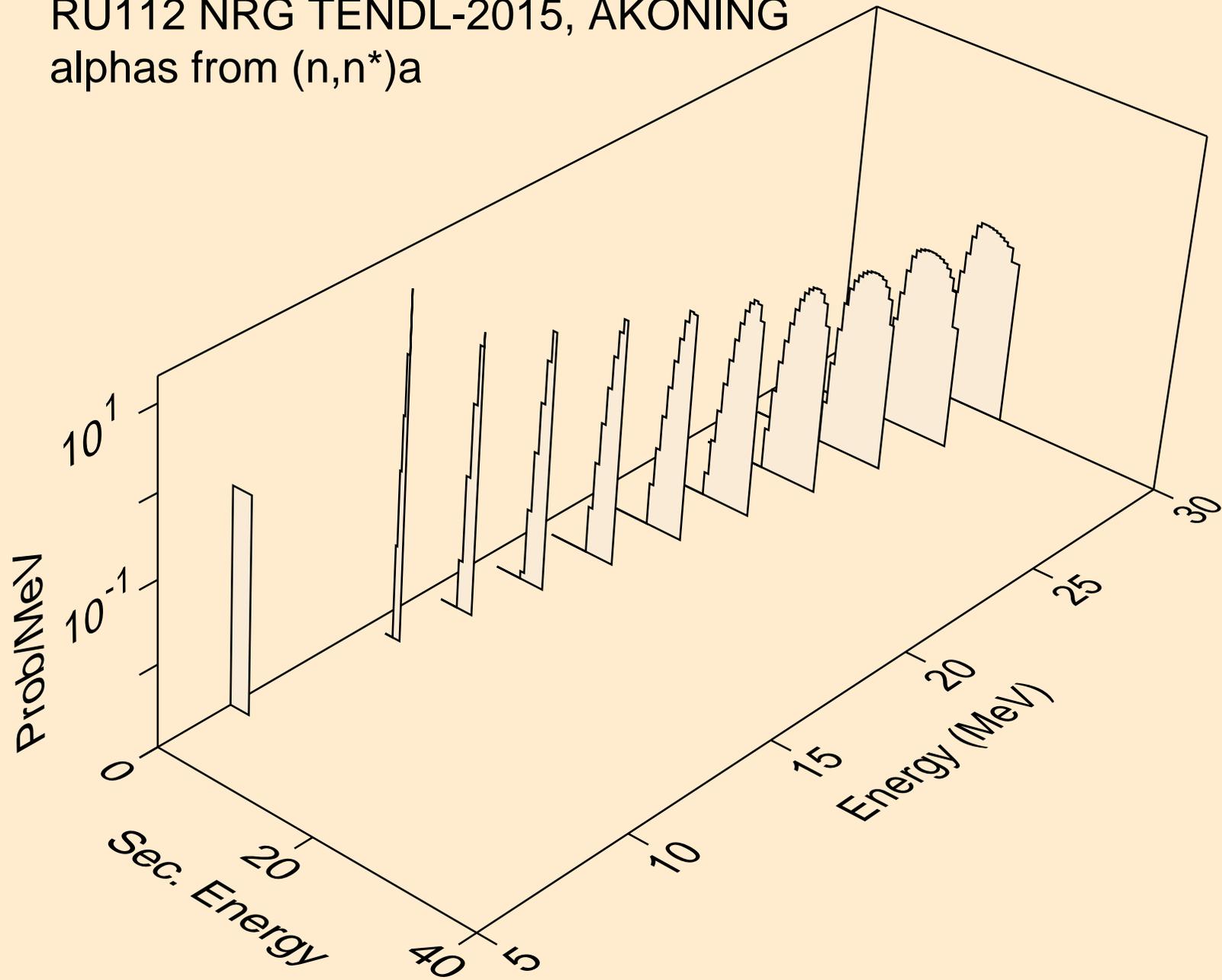
RU112 NRG TENDL-2015, AKONING  
he3s from (n,he3)



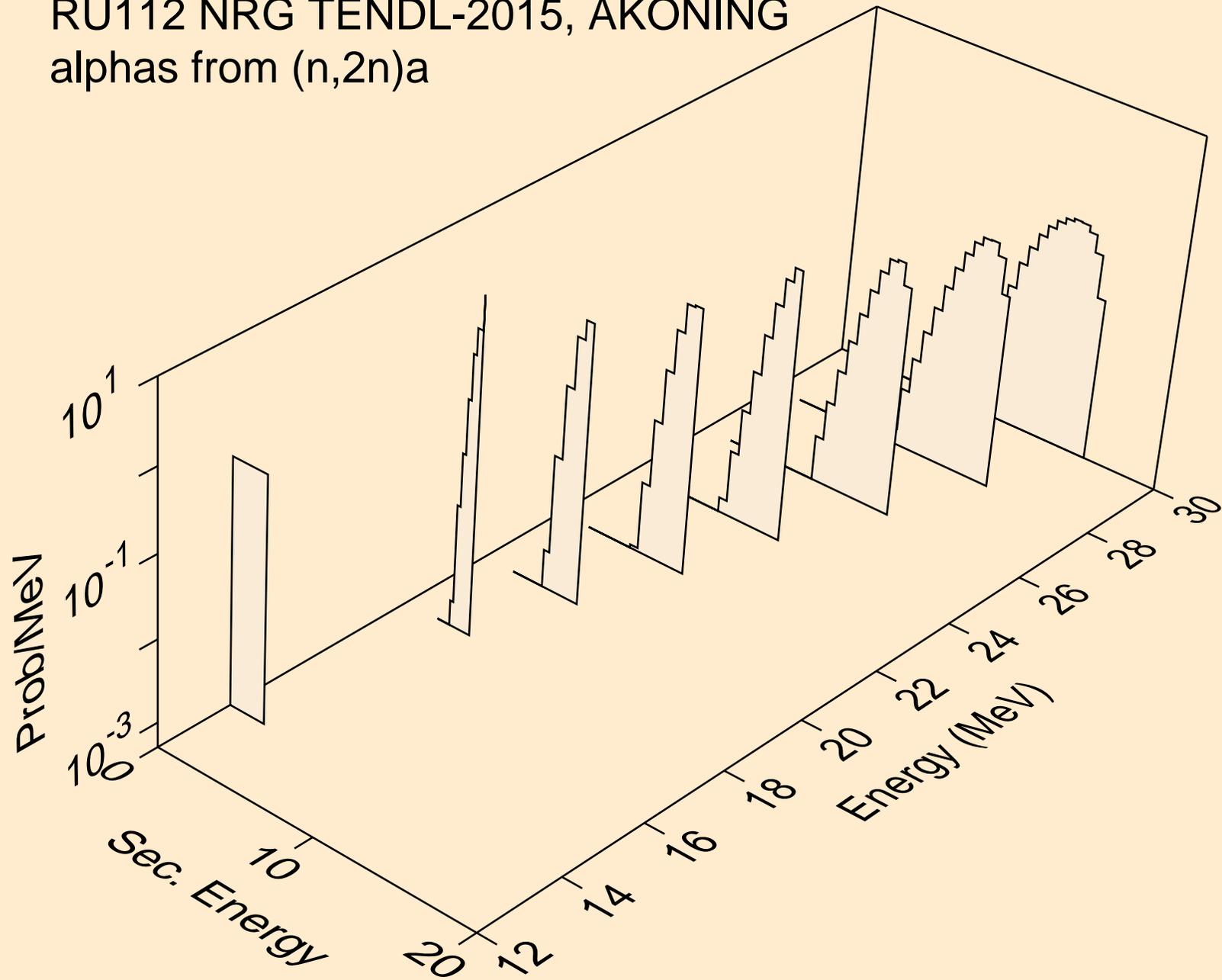
RU112 NRG TENDL-2015, AKONING  
alphas from (n,x)



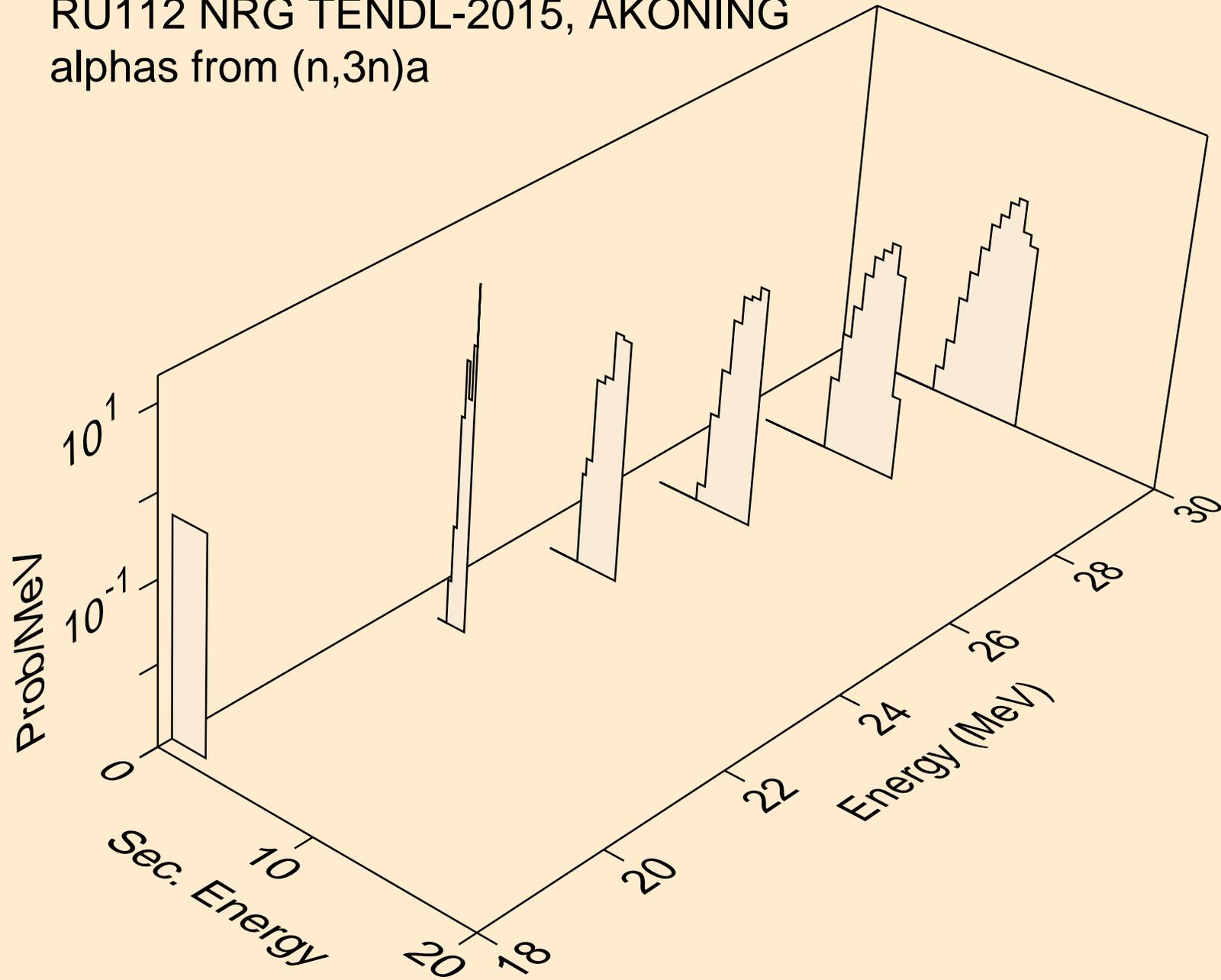
RU112 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



RU112 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



RU112 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



RU112 NRG TENDL-2015, AKONING  
alphas from (n,a)

