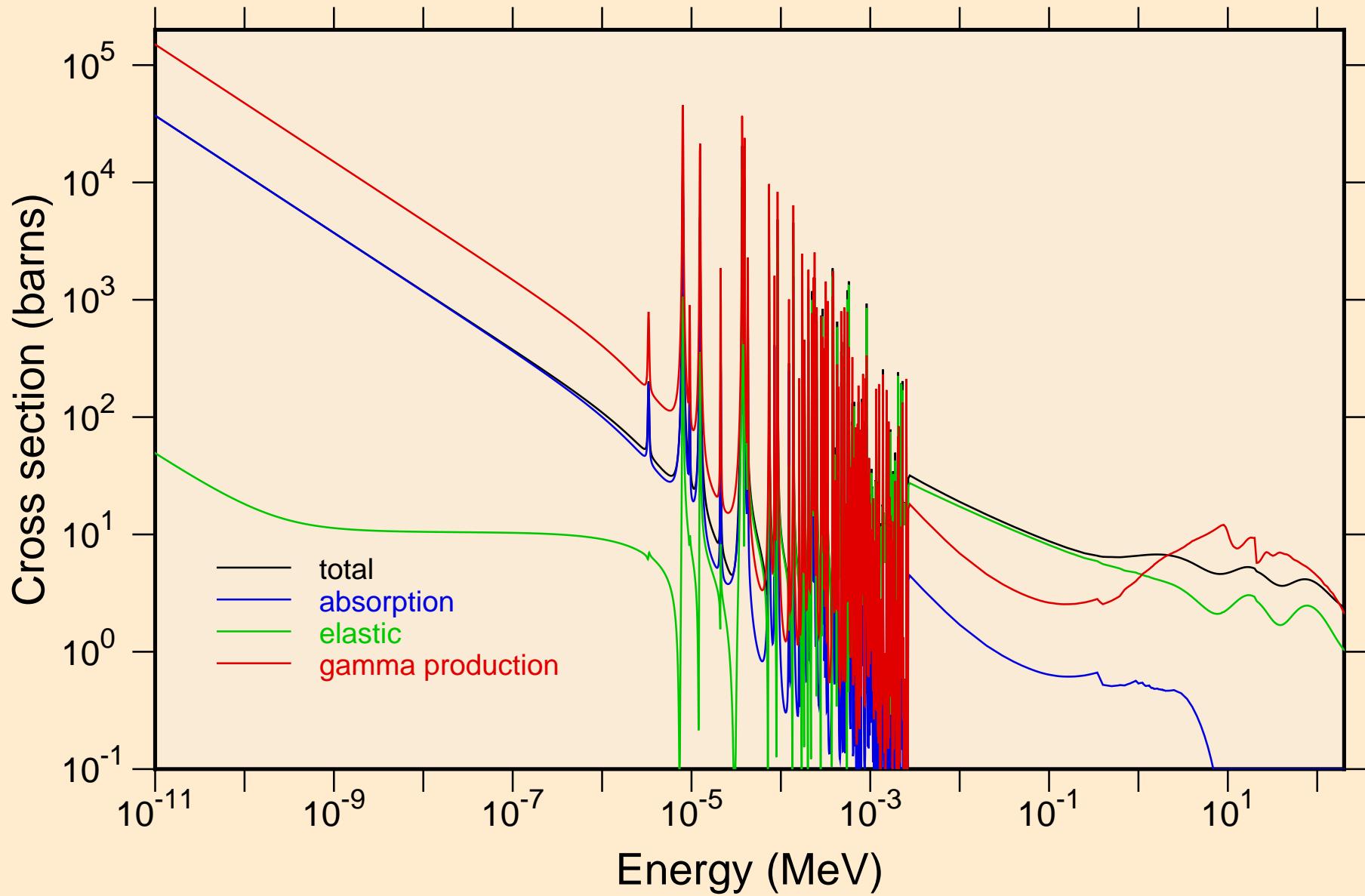
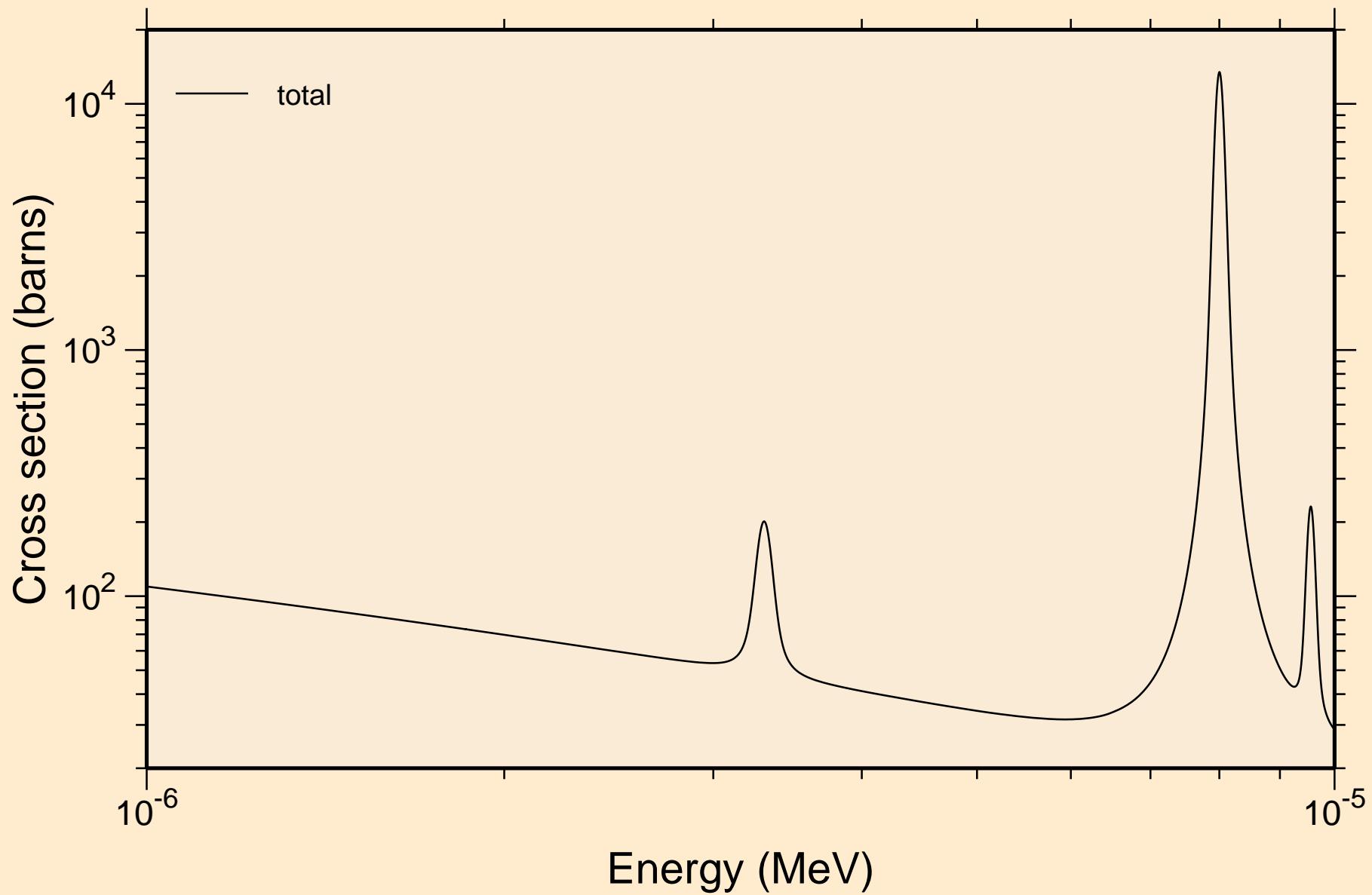


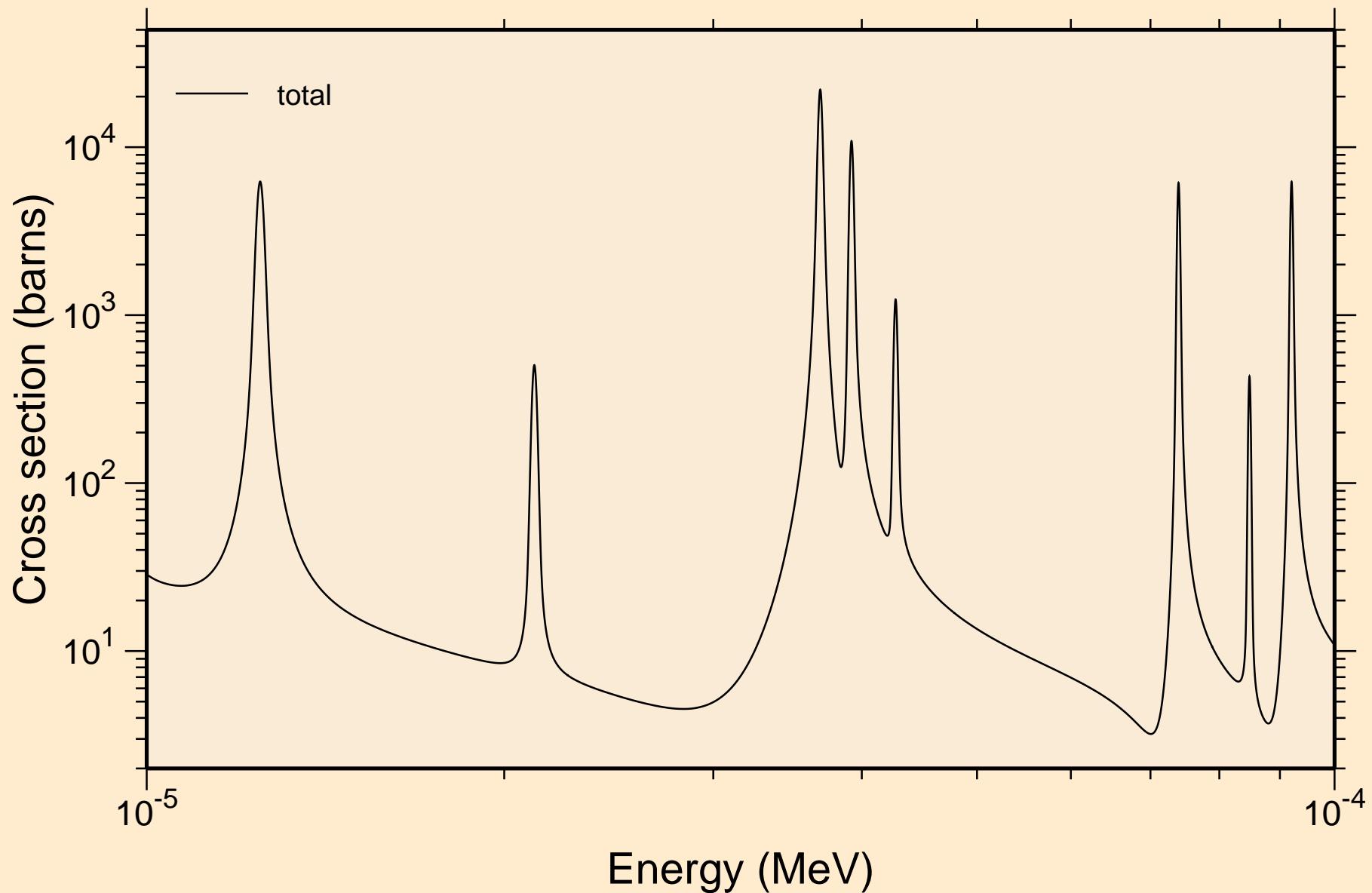
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Principal cross sections



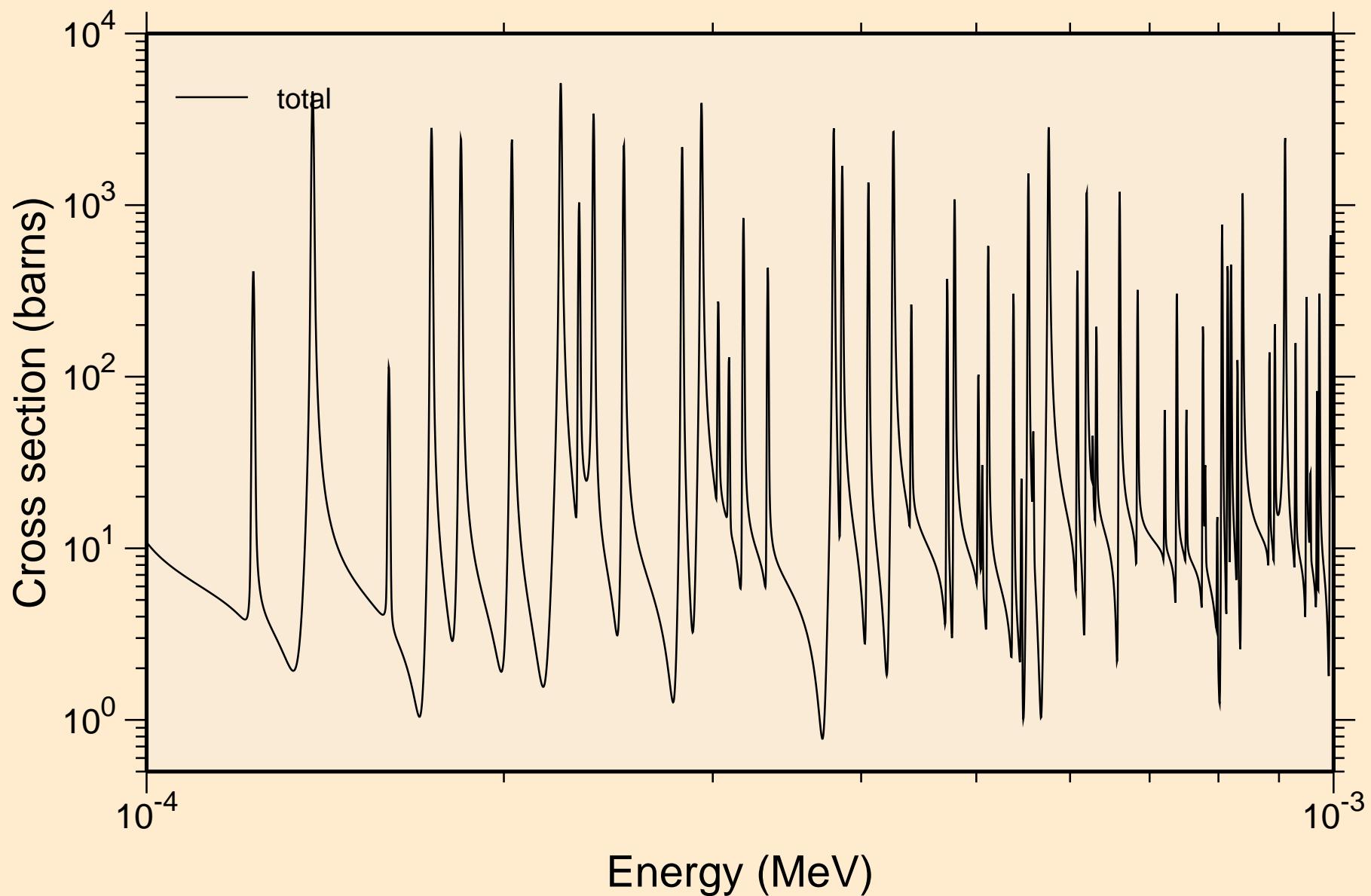
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
resonance total cross section



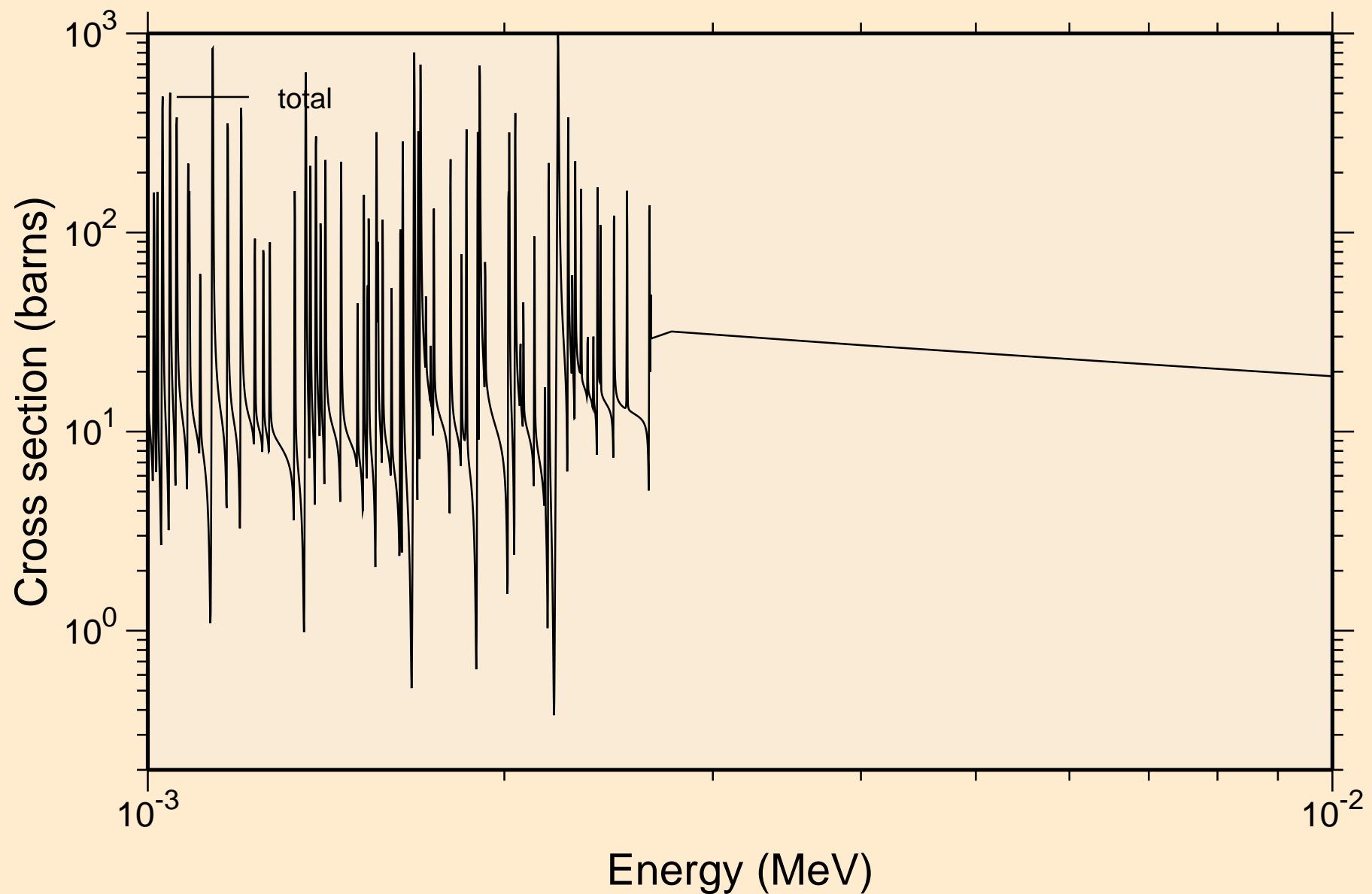
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resonance total cross section



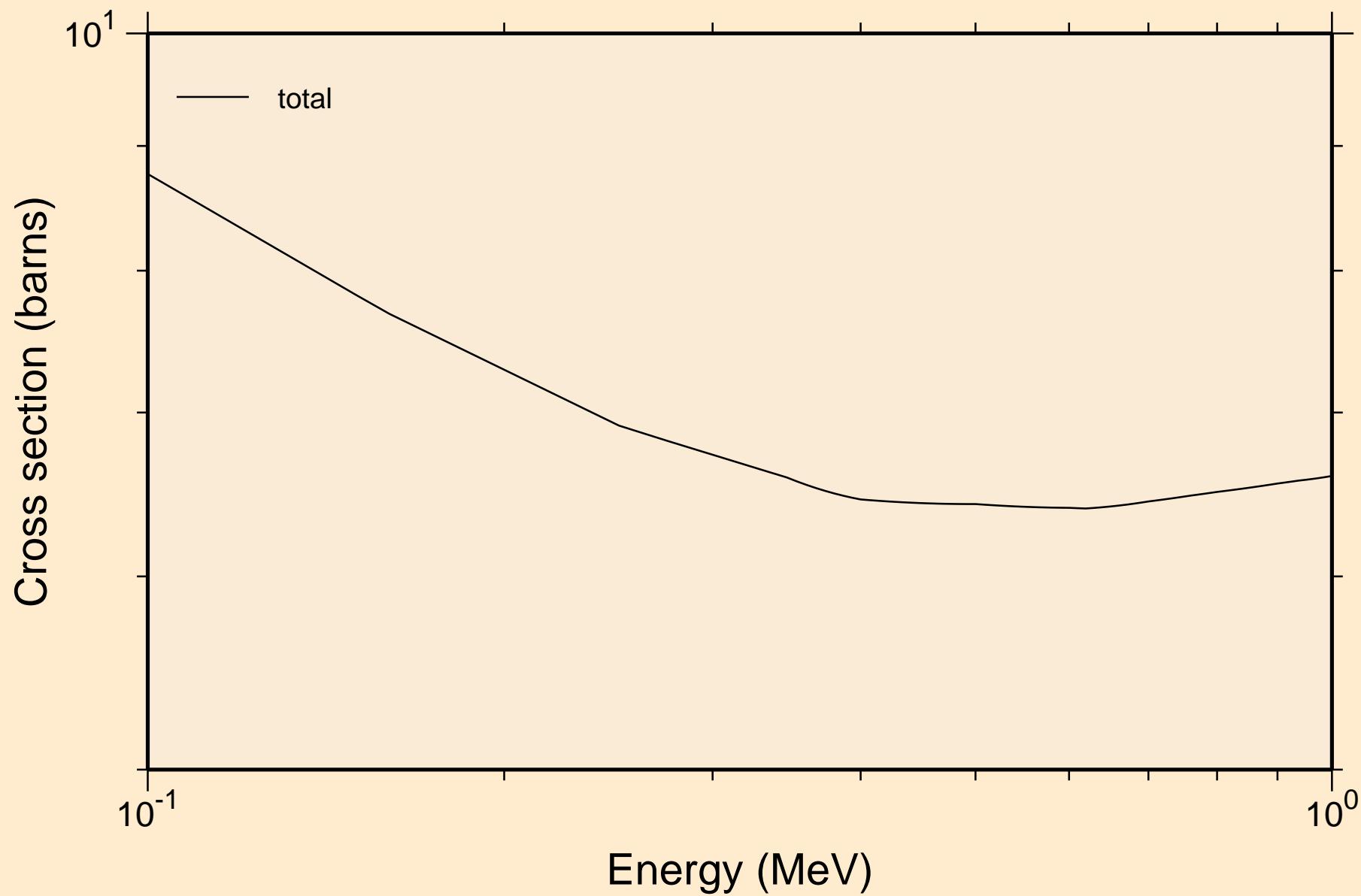
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resonance total cross section



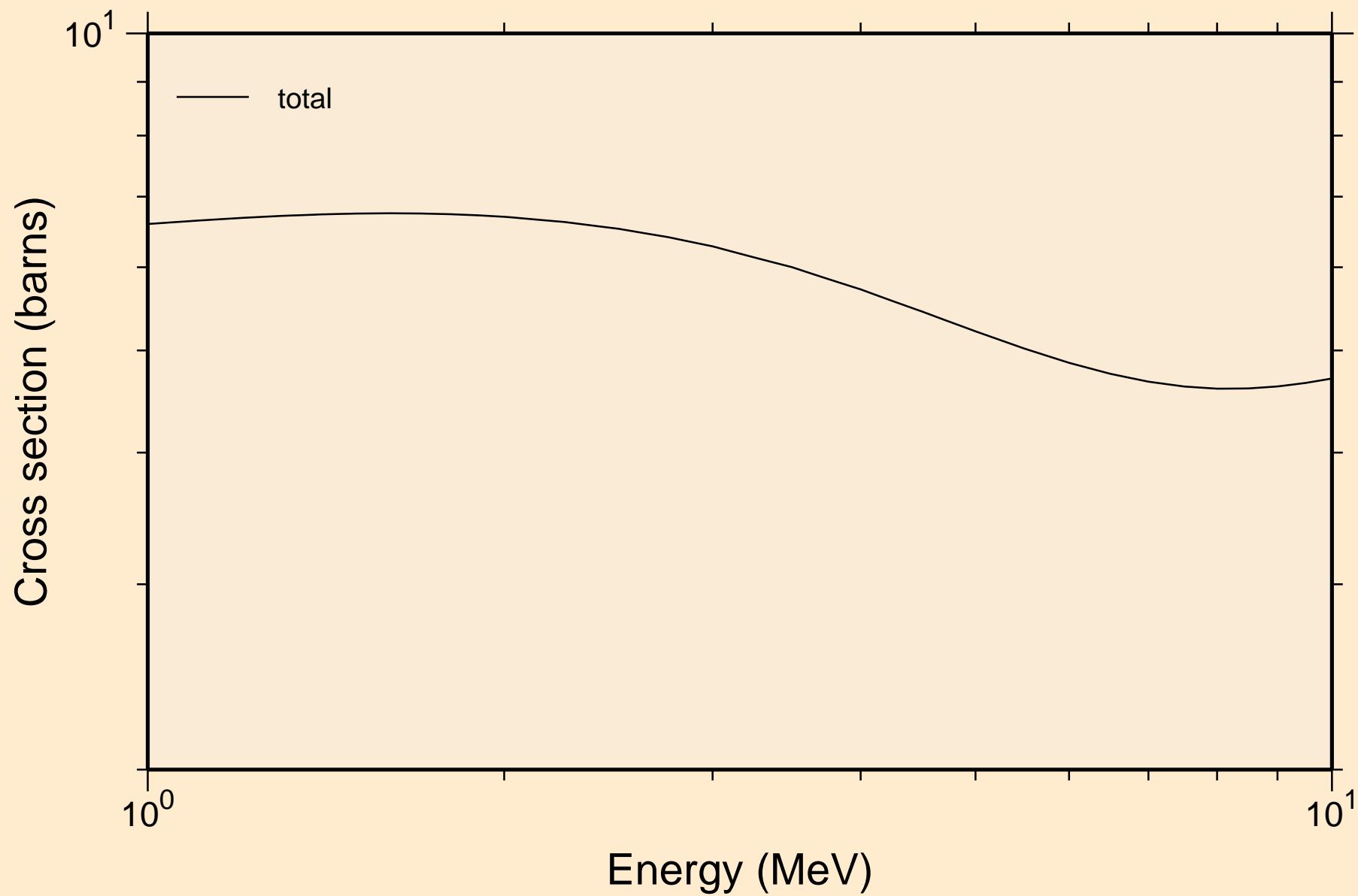
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resonance total cross section



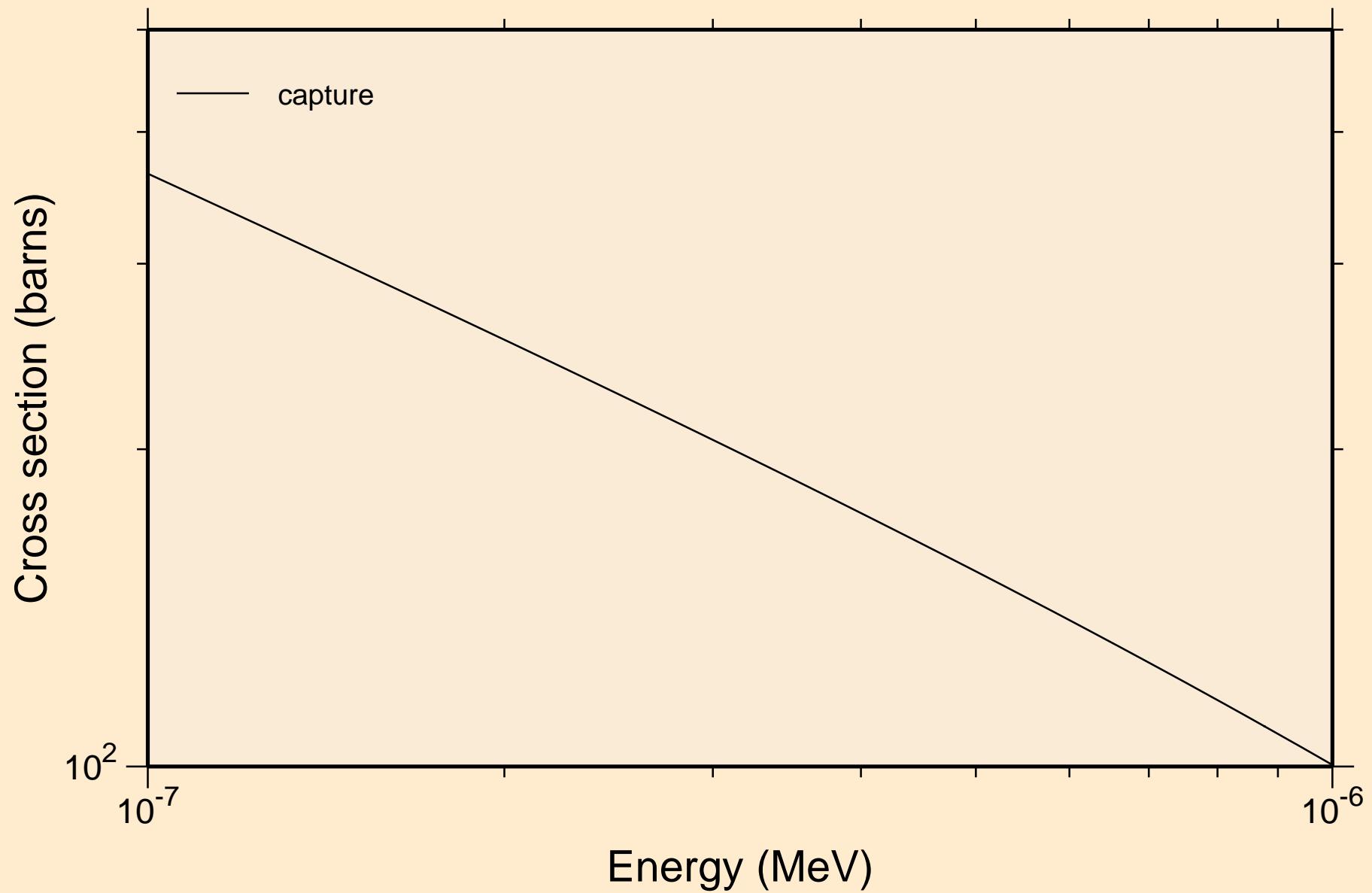
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resonance total cross section



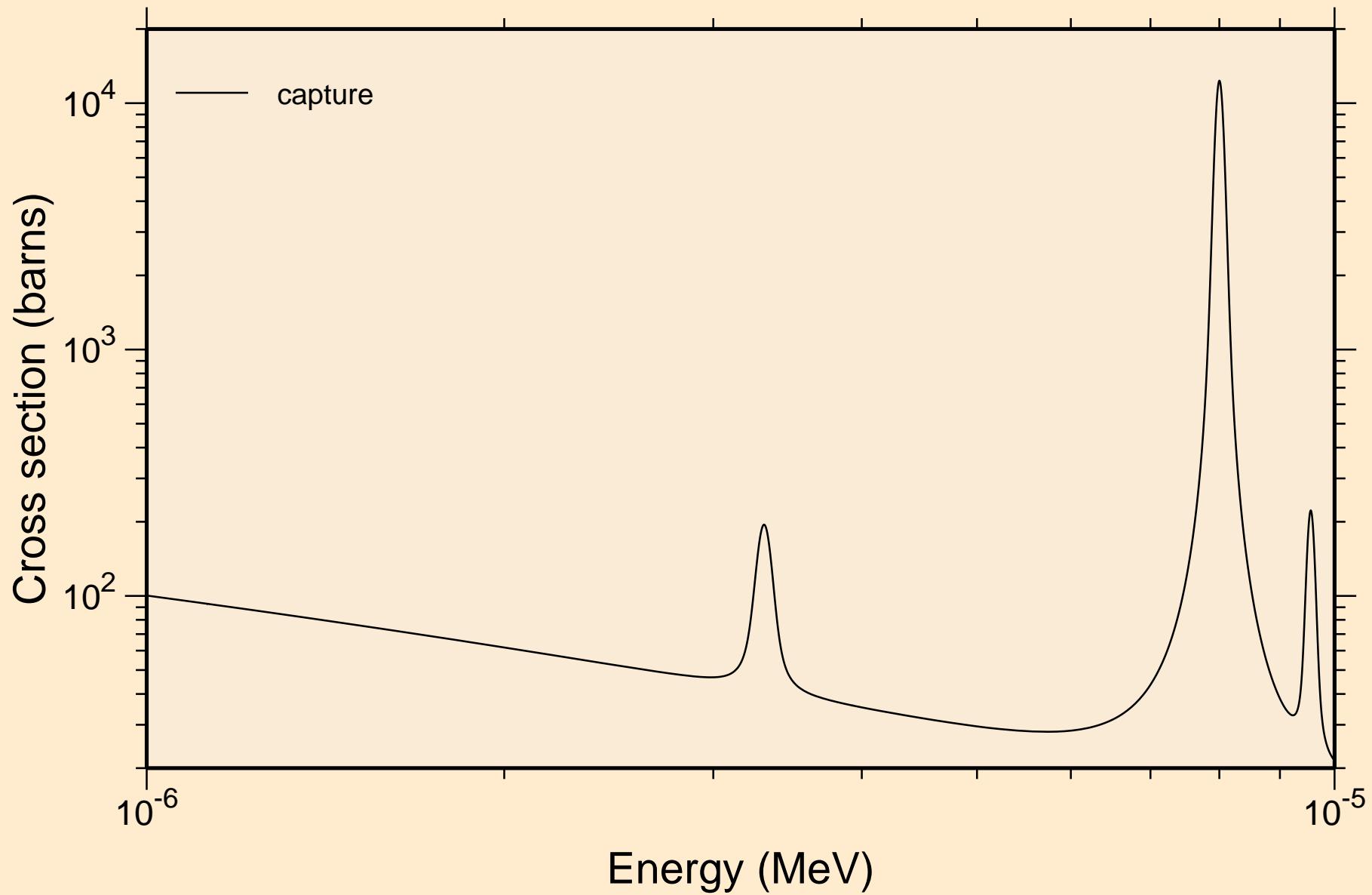
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resonance total cross section



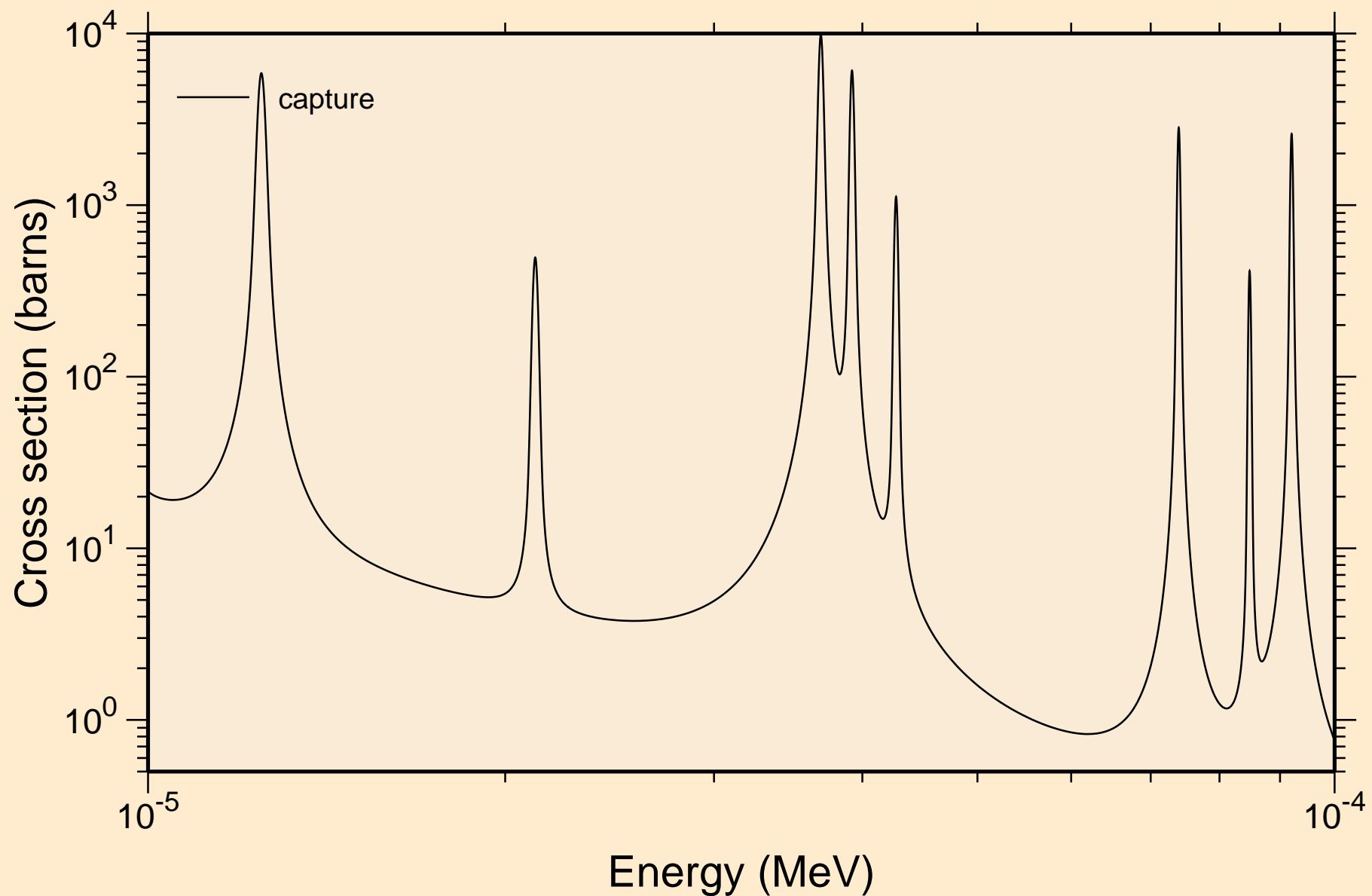
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resonance absorption cross sections



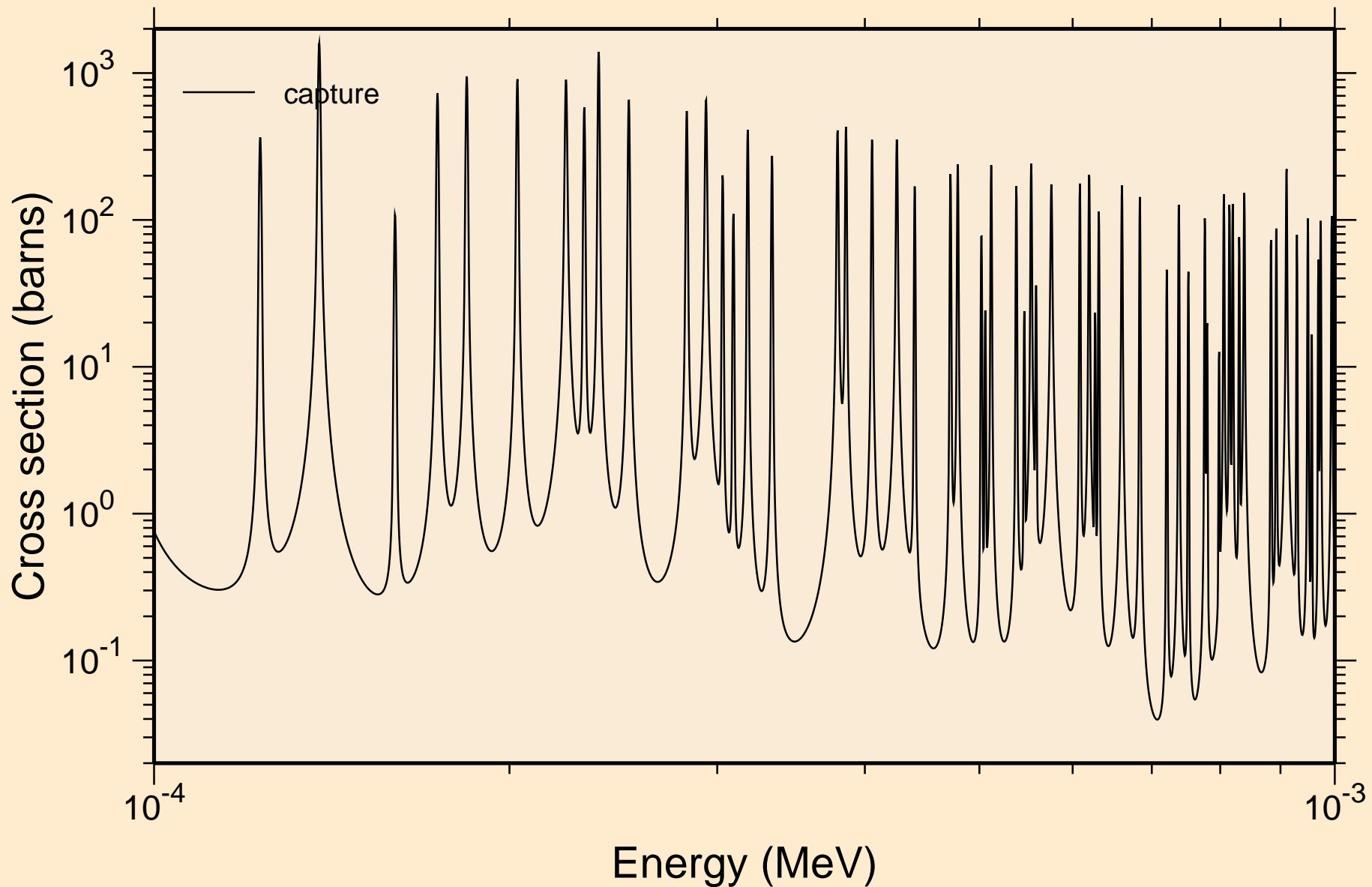
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resonance absorption cross sections



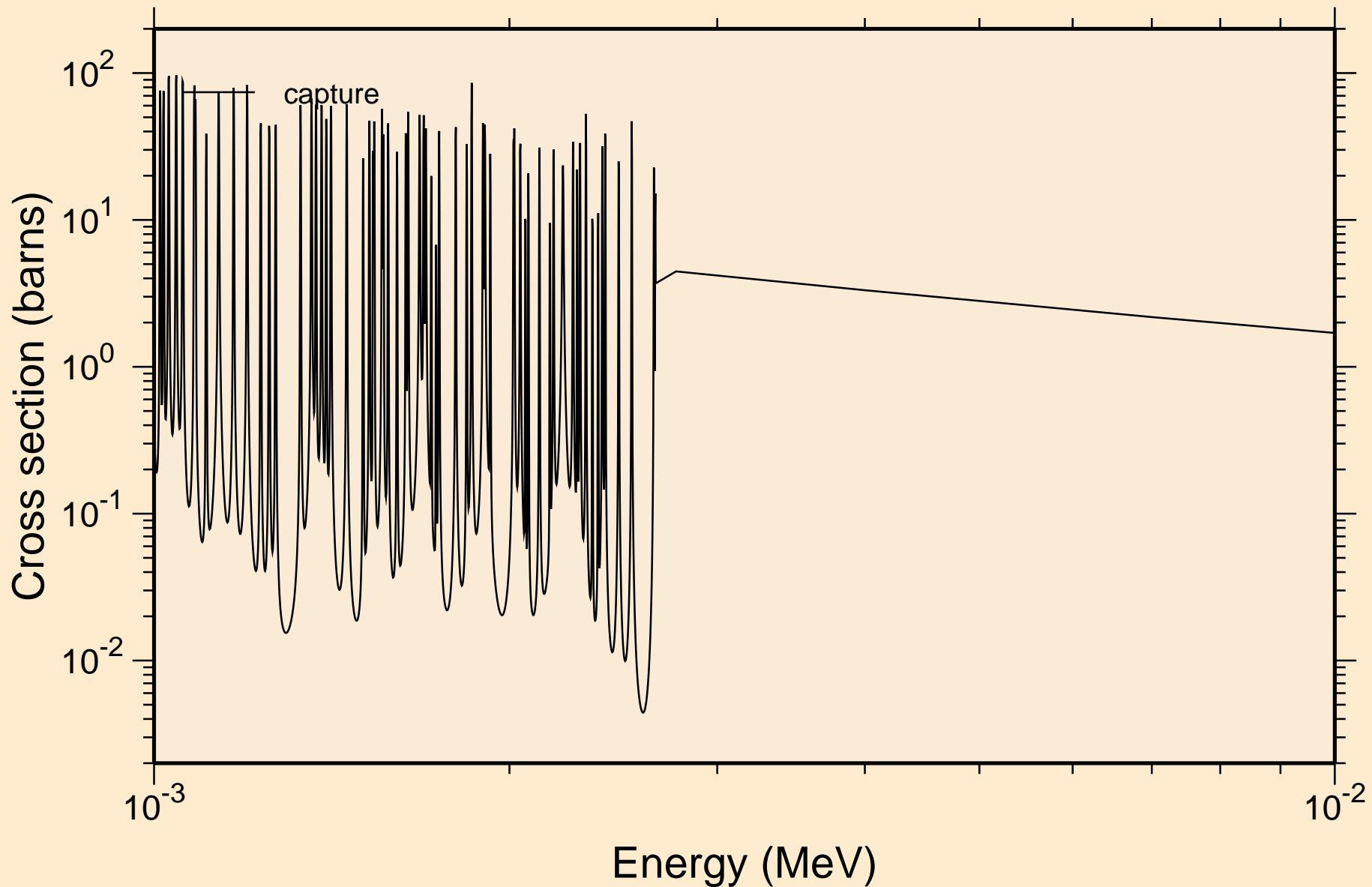
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resonance absorption cross sections



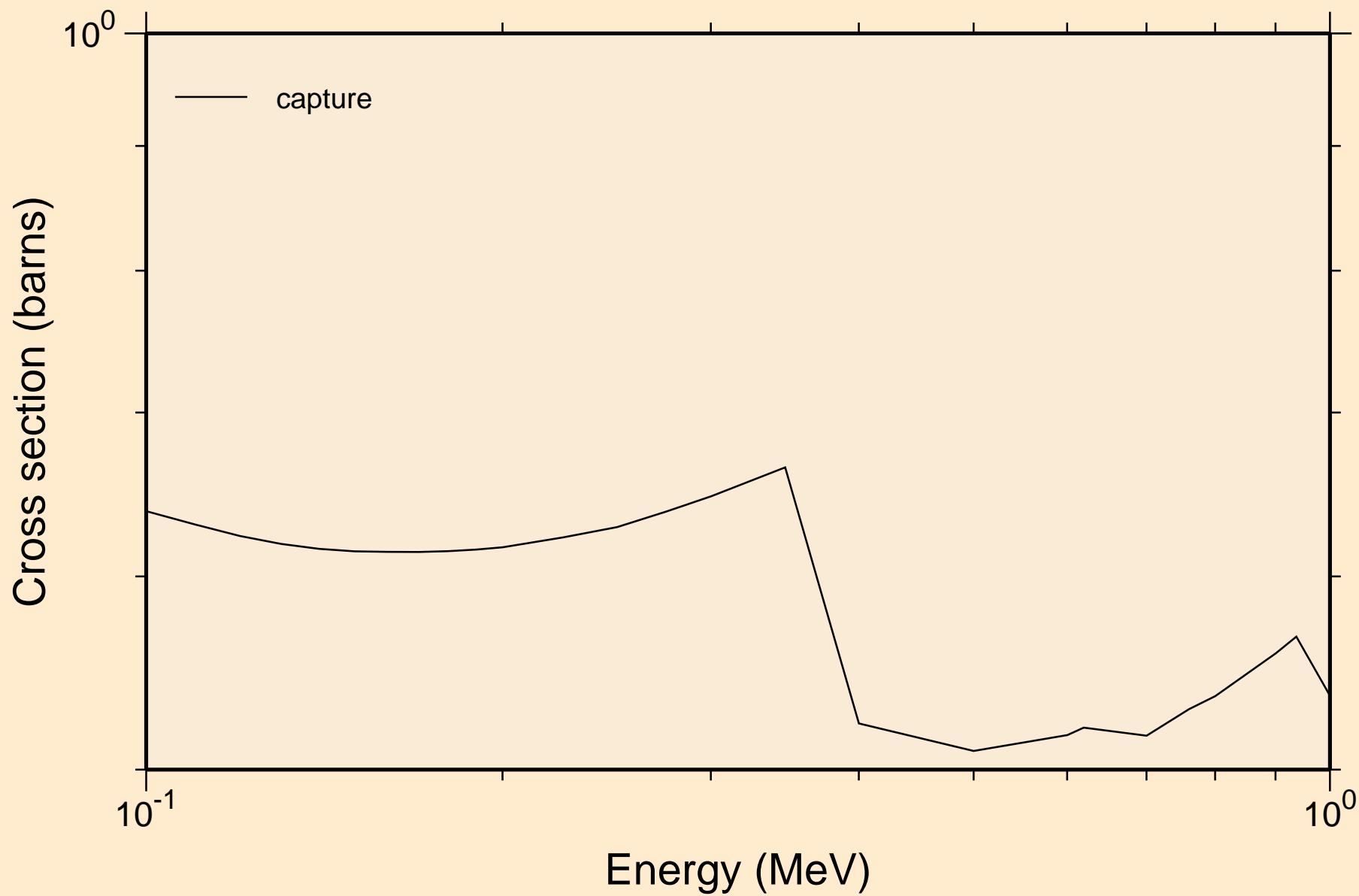
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
resonance absorption cross sections



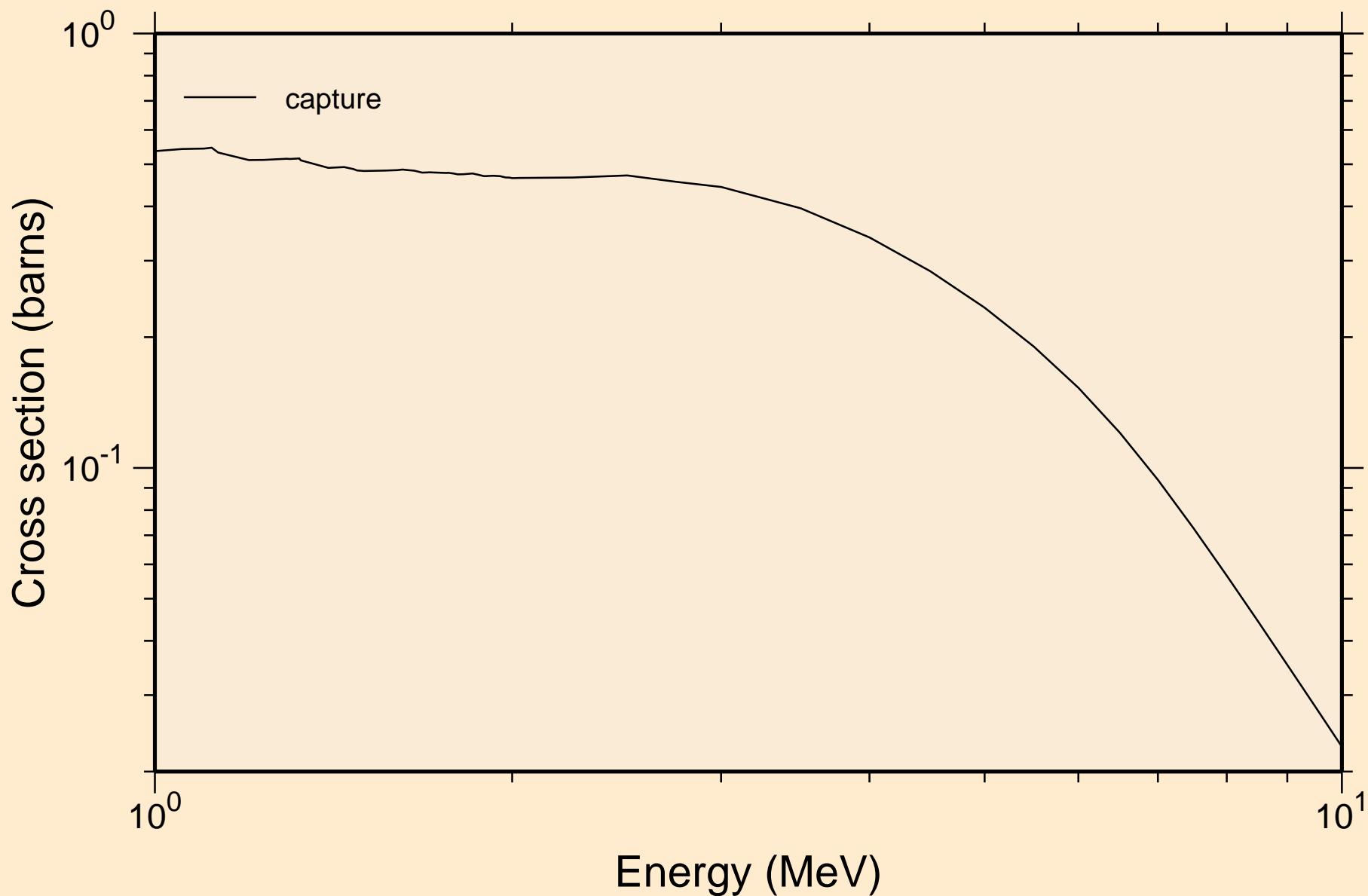
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
resonance absorption cross sections



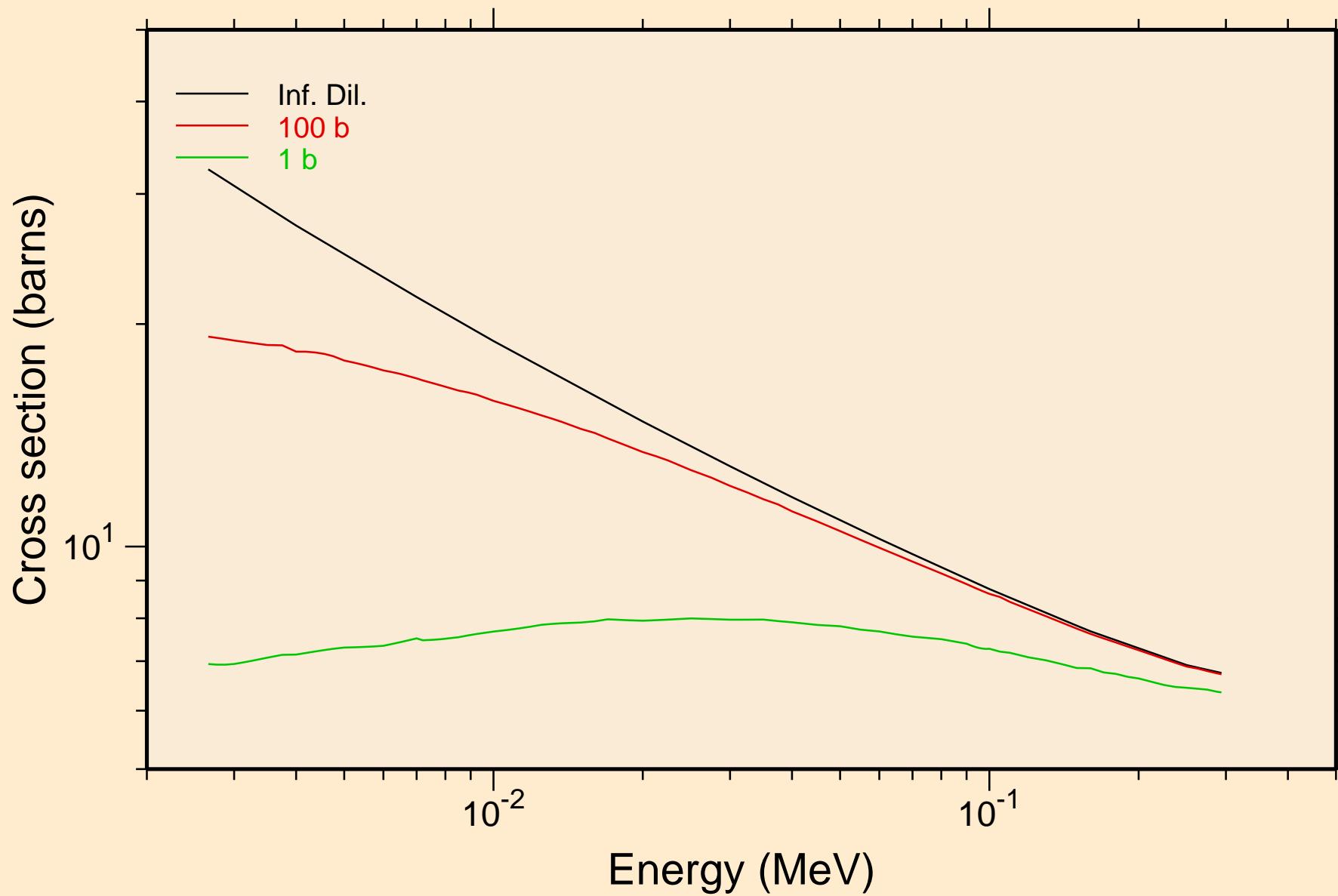
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resonance absorption cross sections



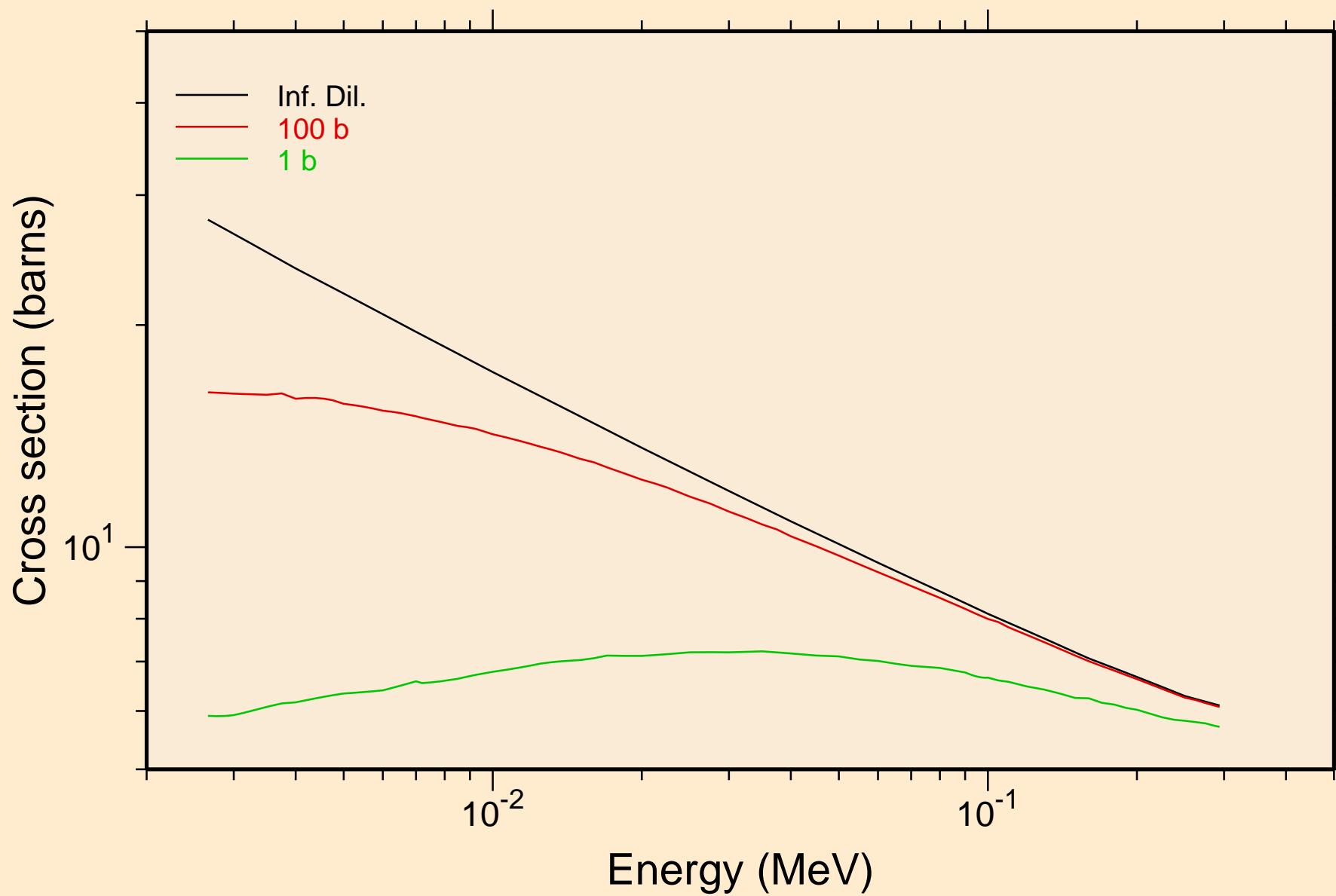
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
resonance absorption cross sections



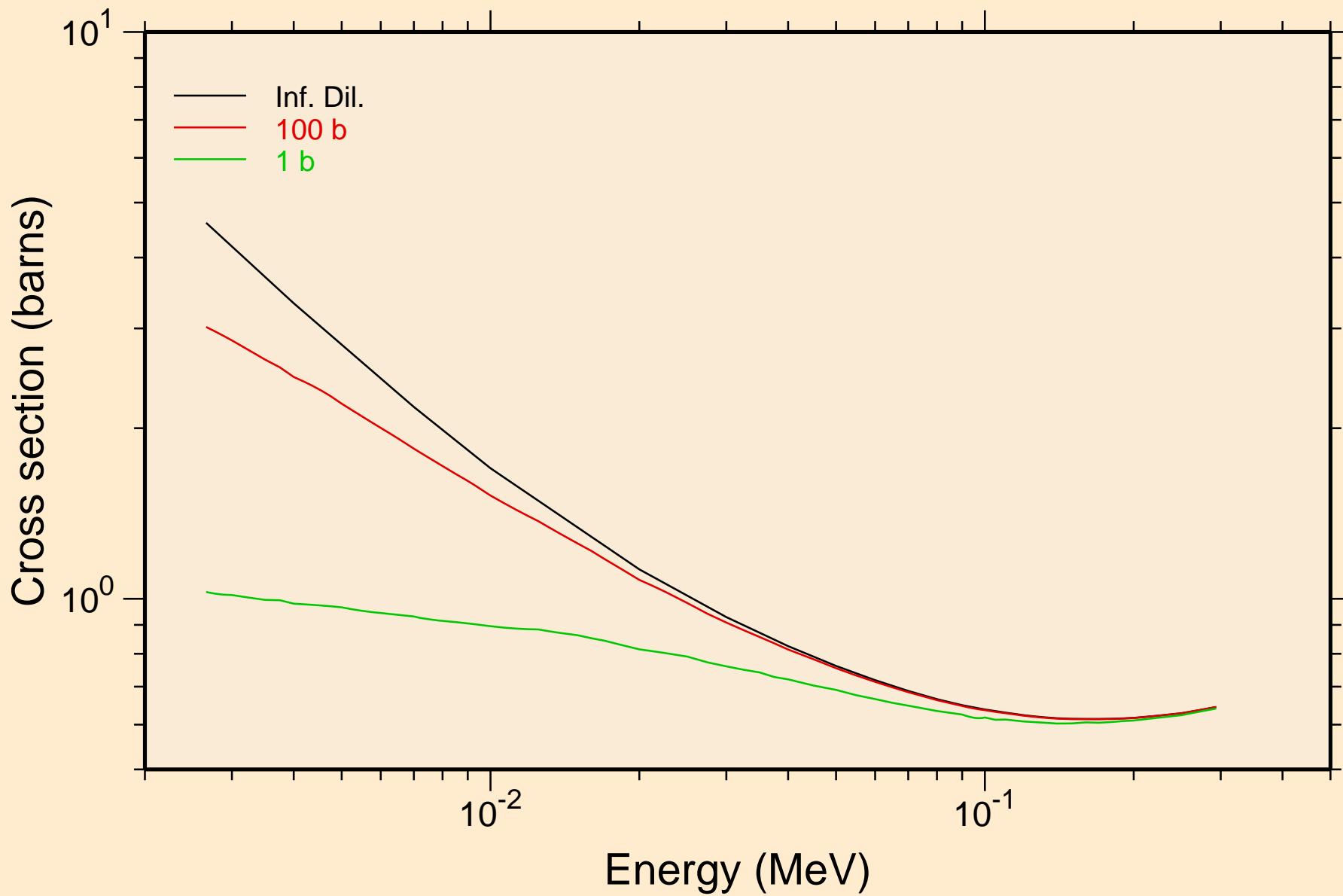
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
UR total cross section



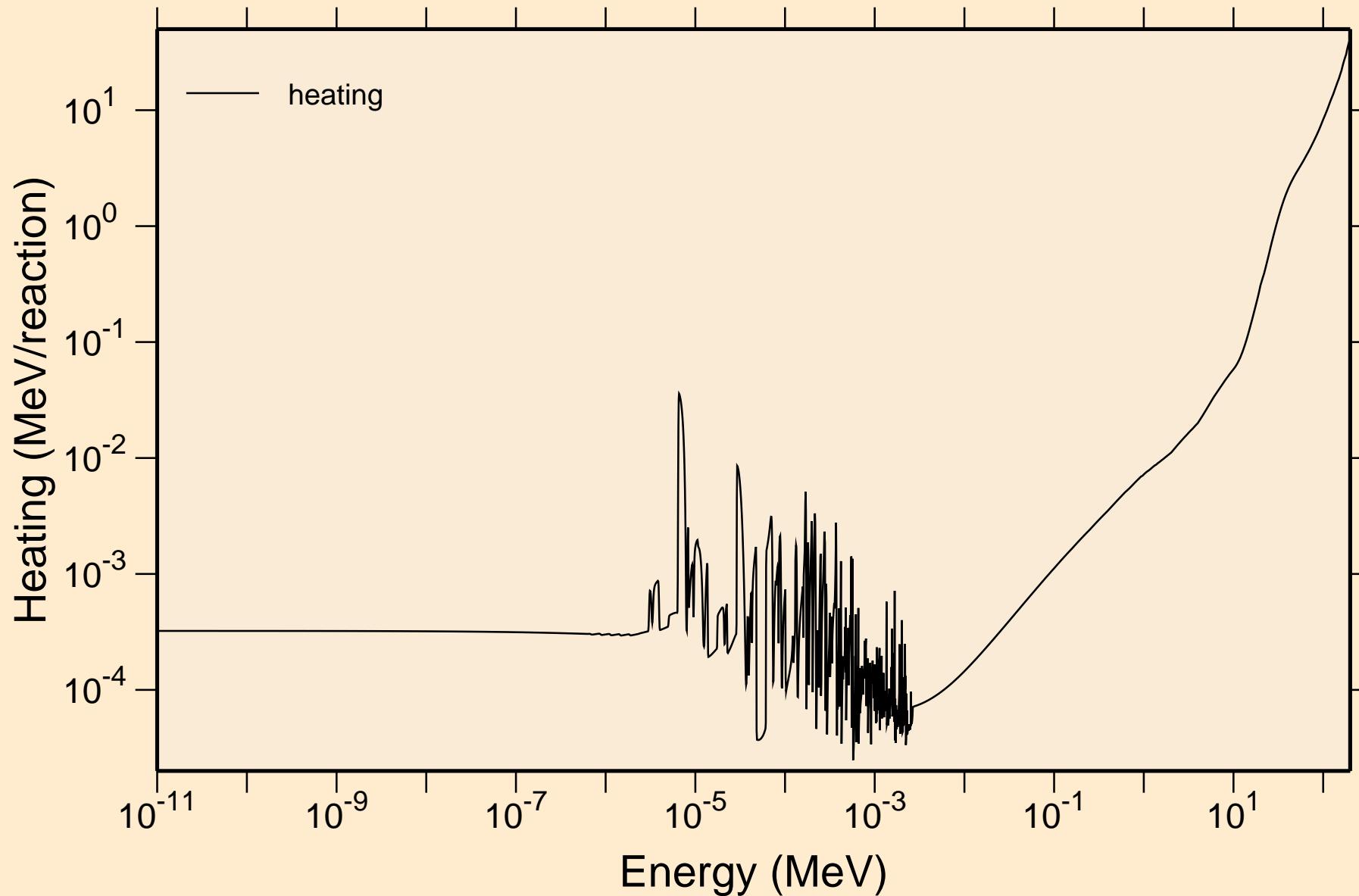
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
UR elastic cross section



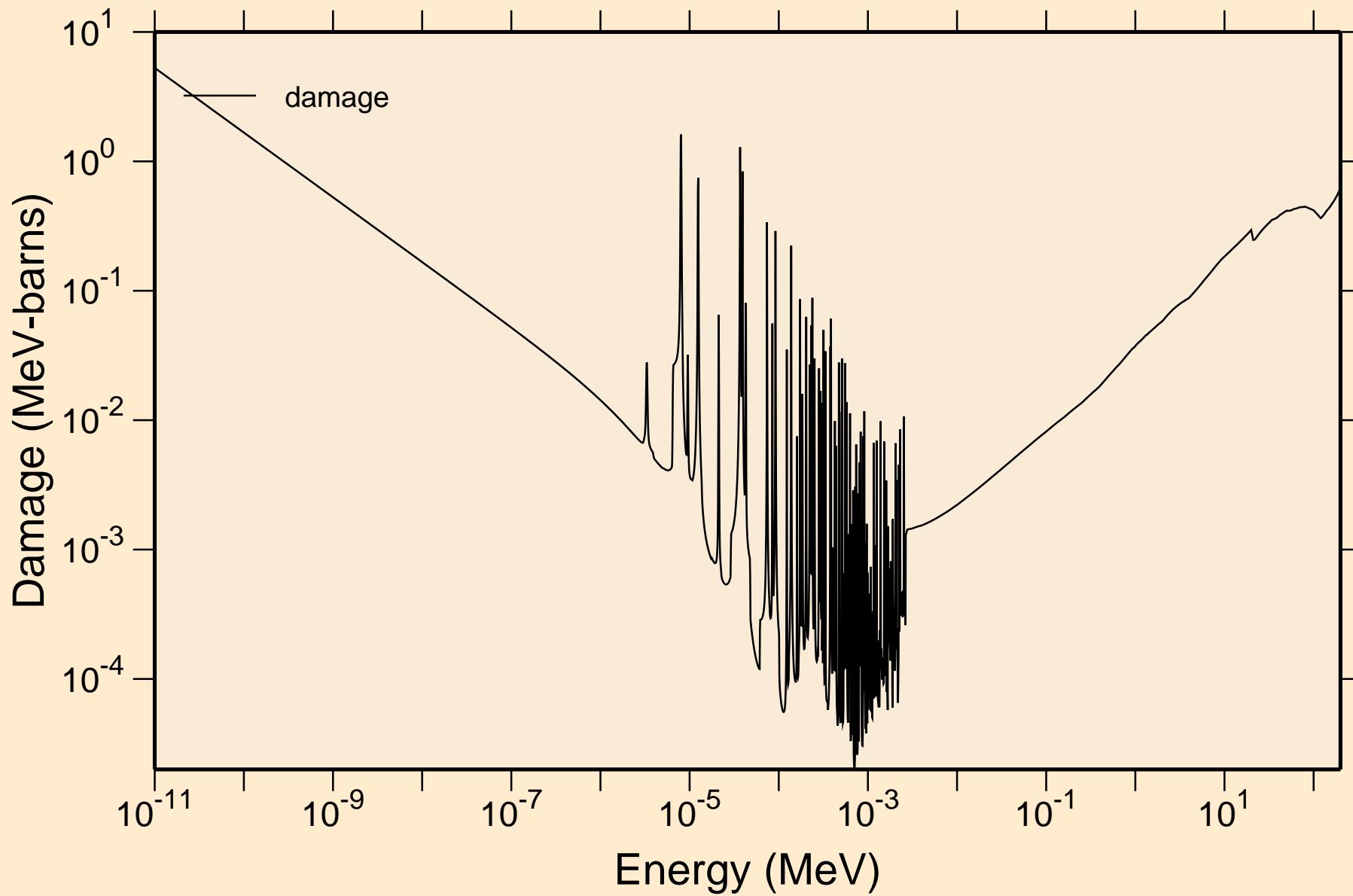
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
UR capture cross section



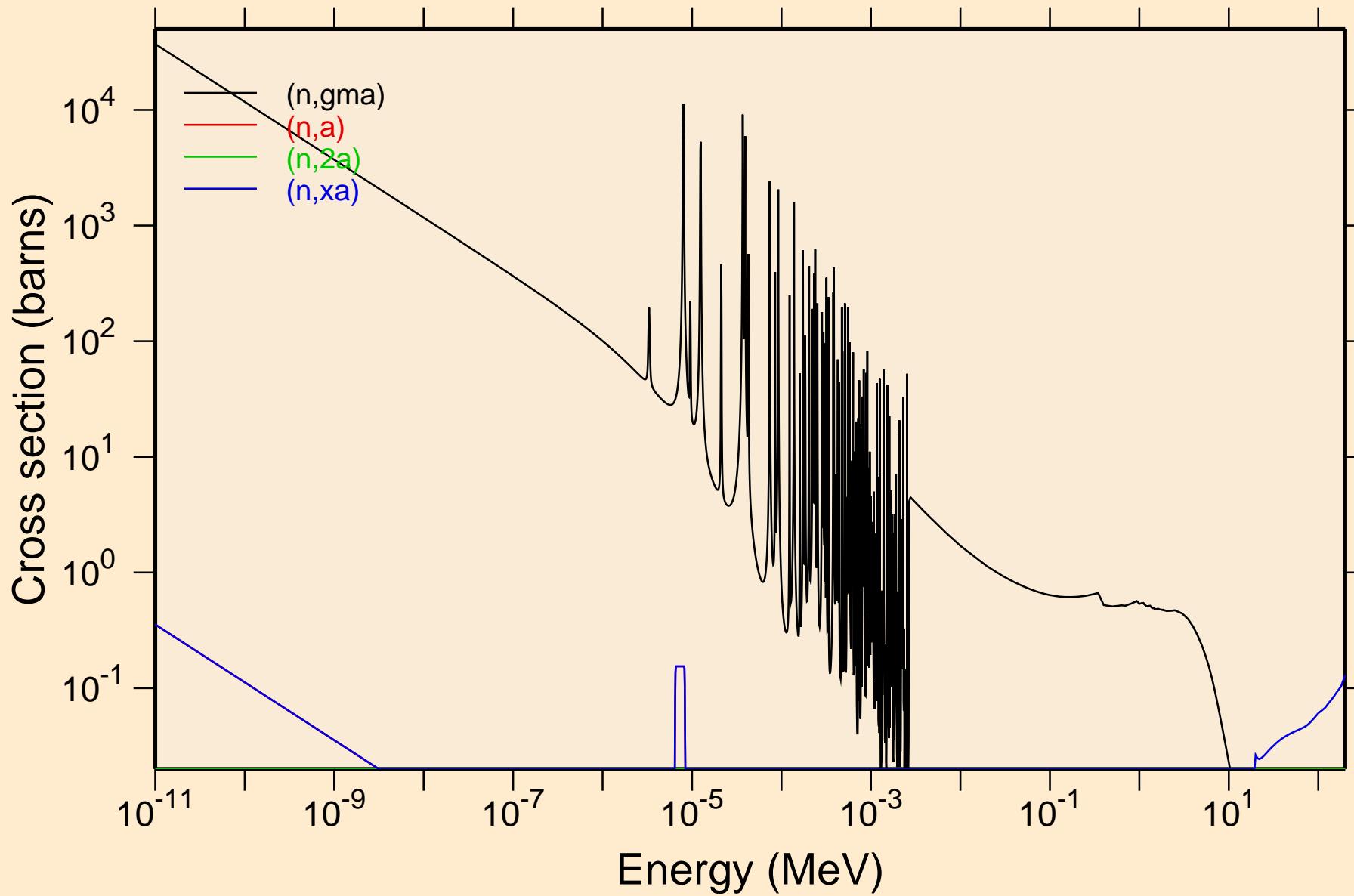
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Heating



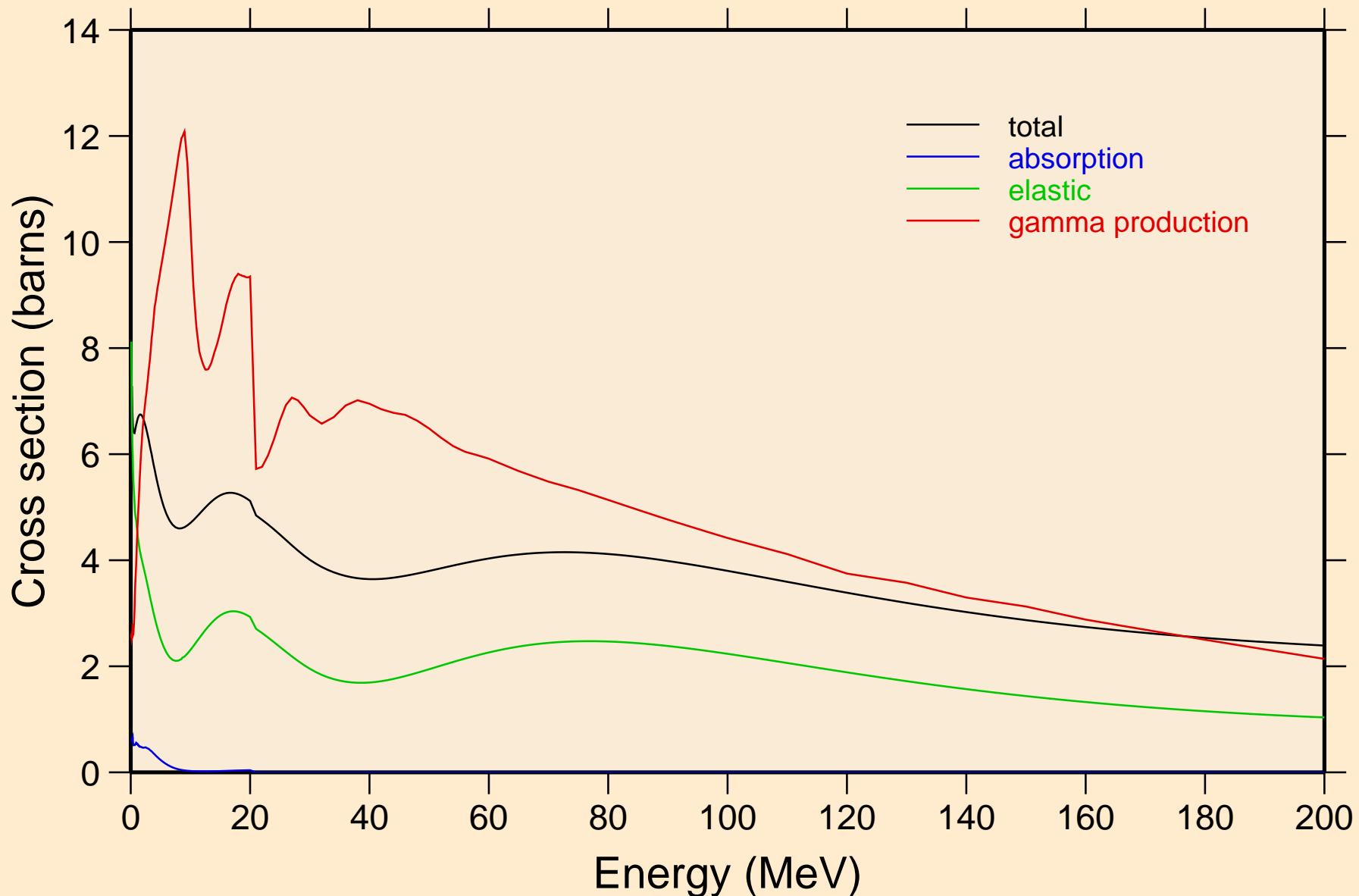
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Damage



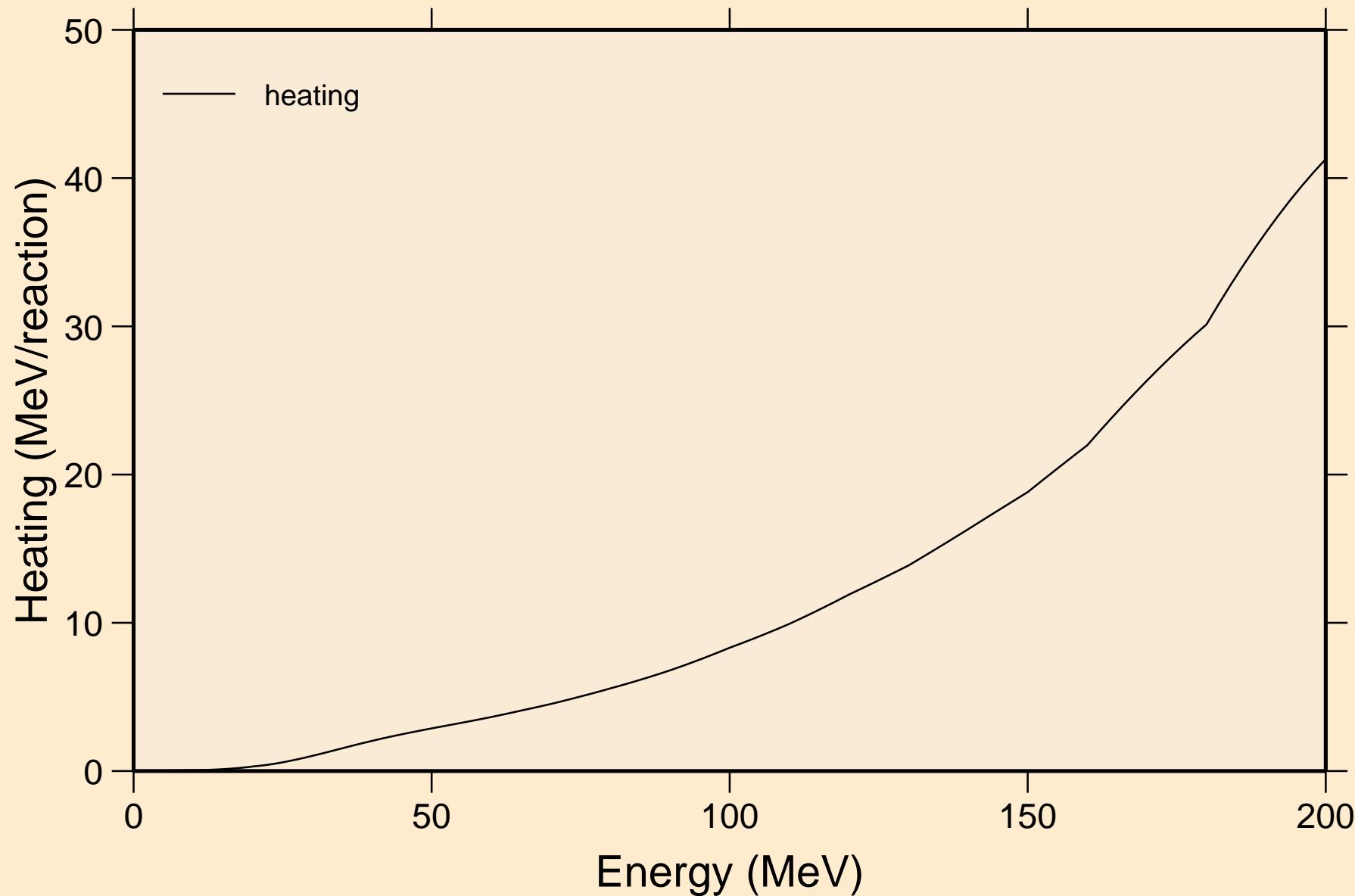
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Non-threshold reactions



64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Principal cross sections

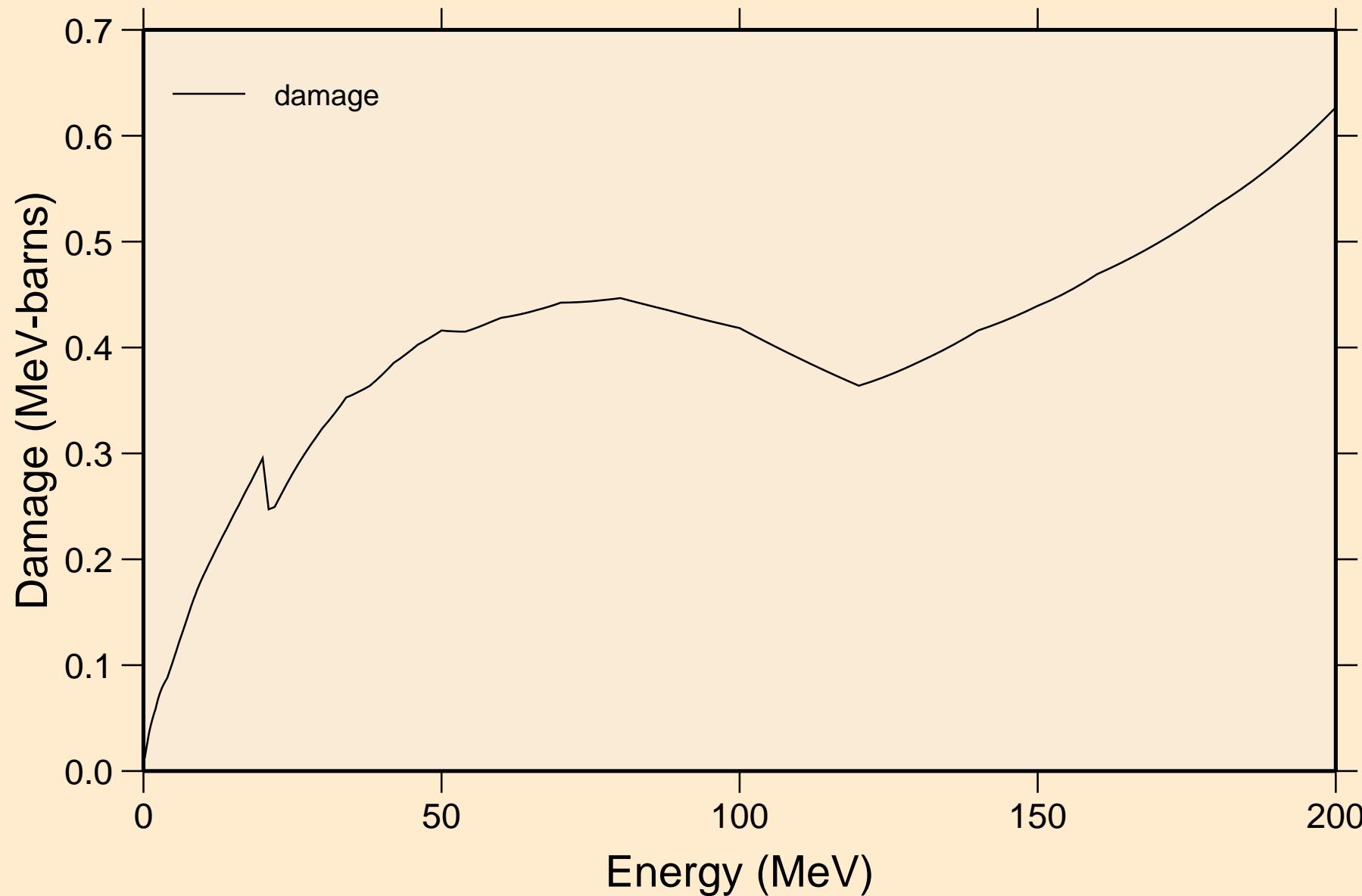


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Heating

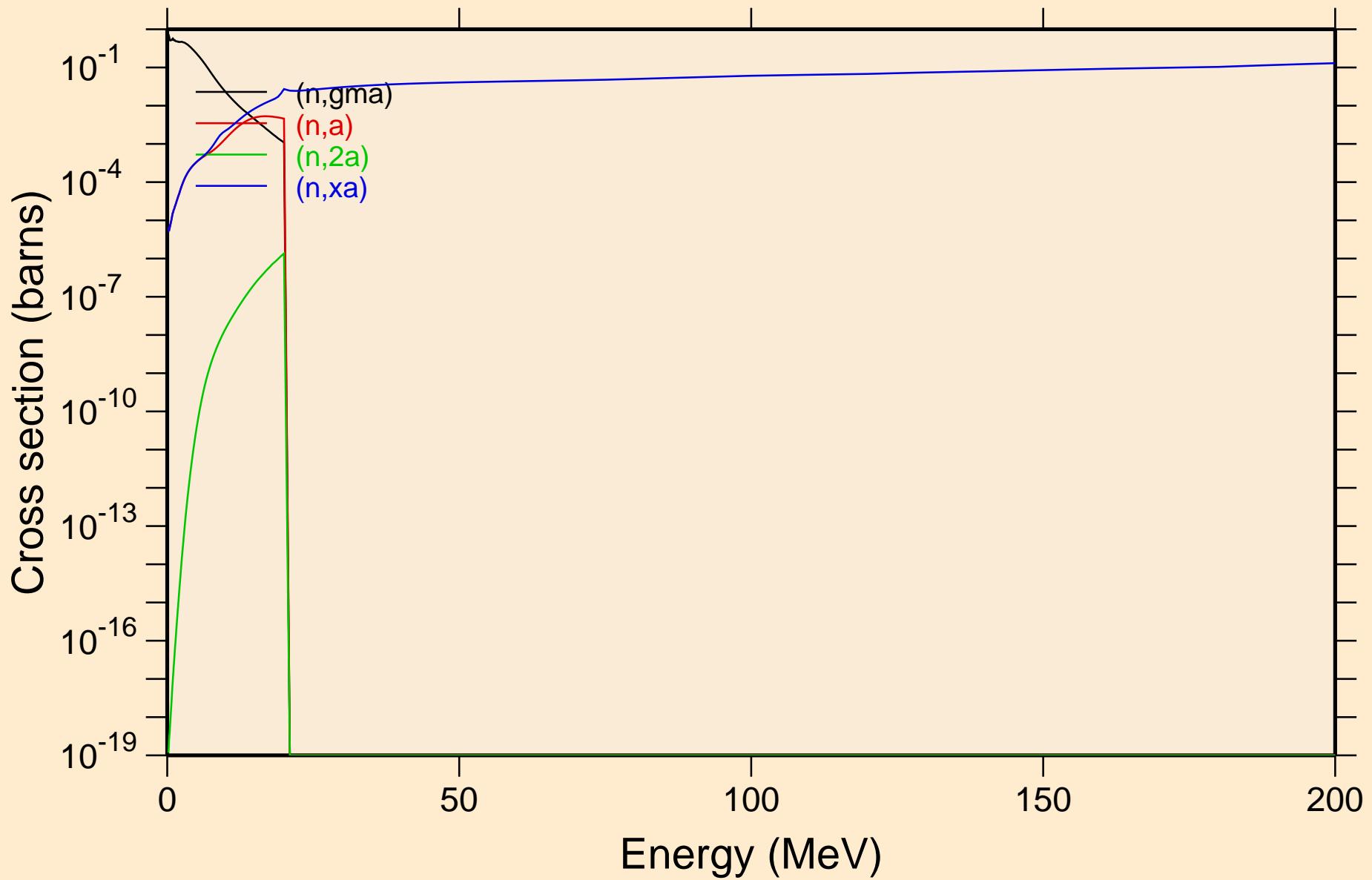


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

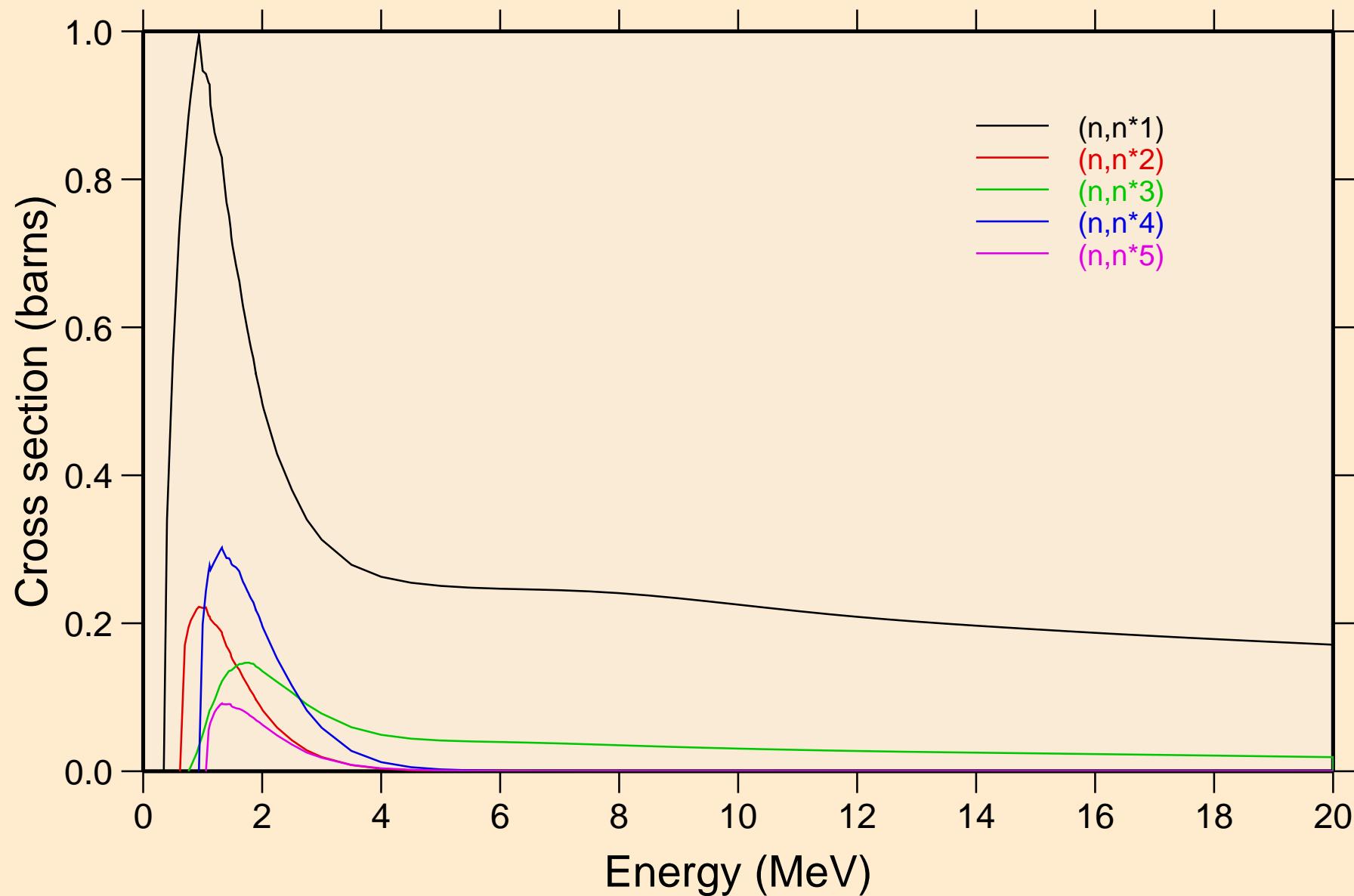
## Damage



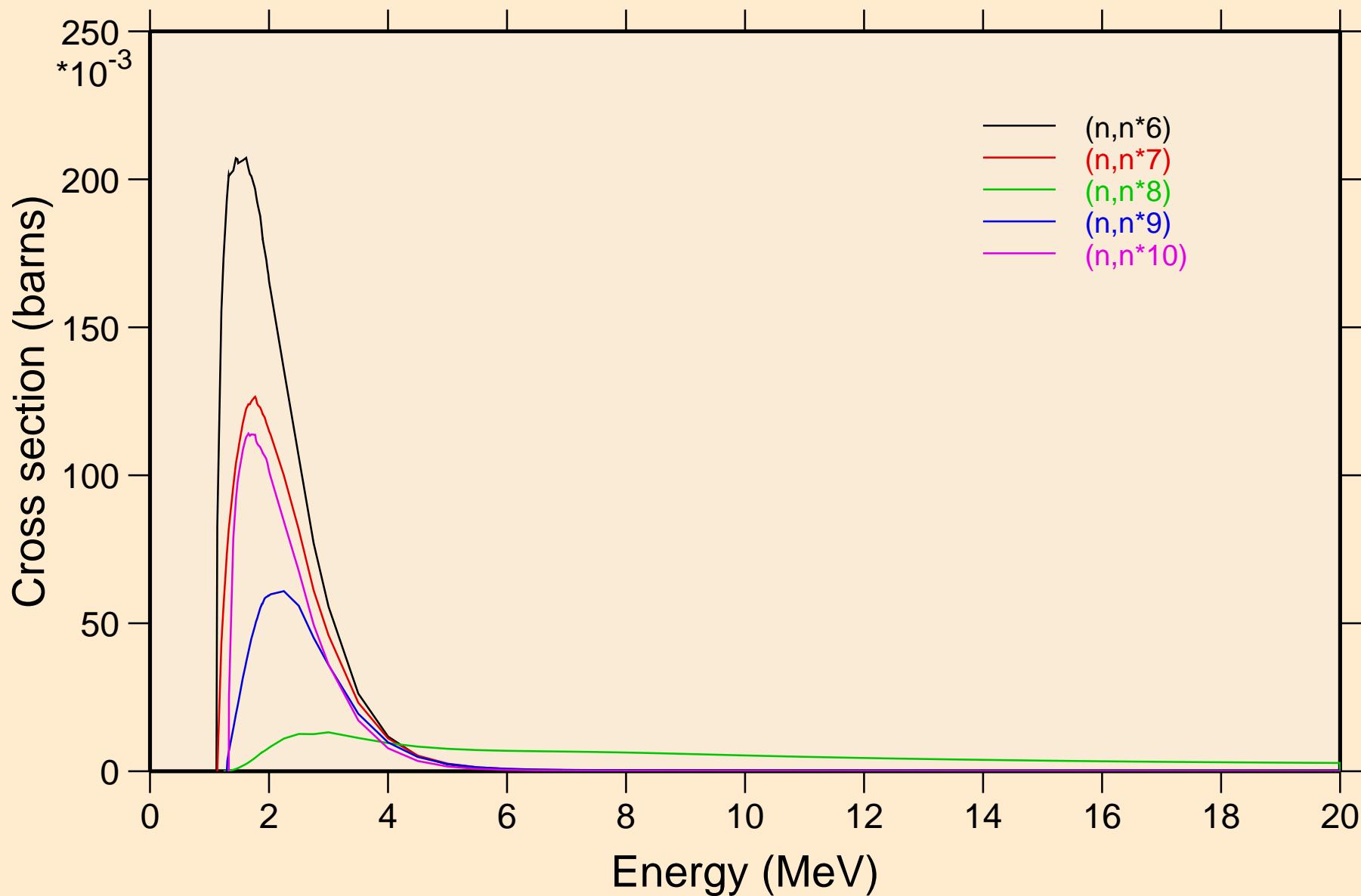
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Non-threshold reactions



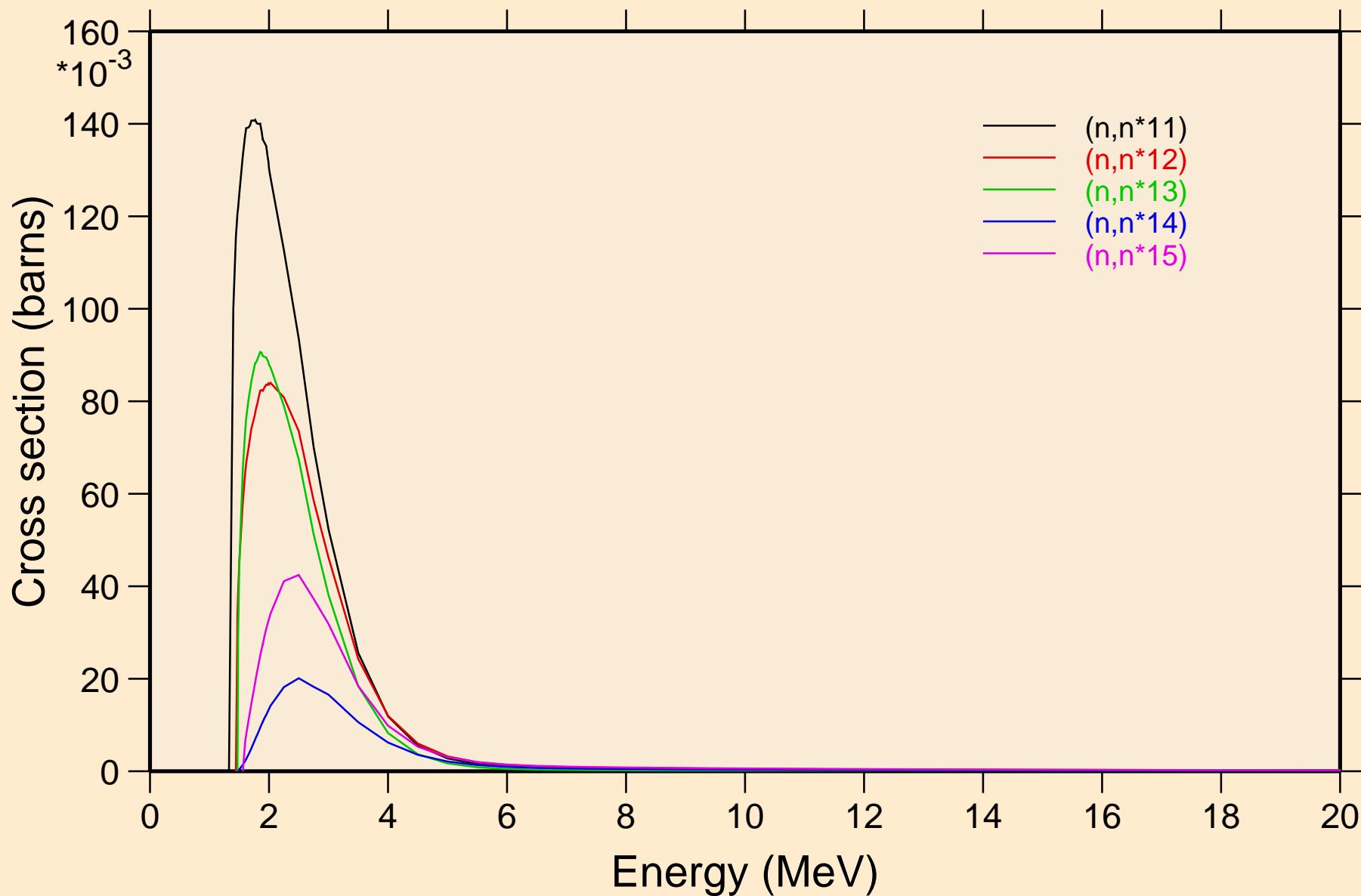
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Inelastic levels



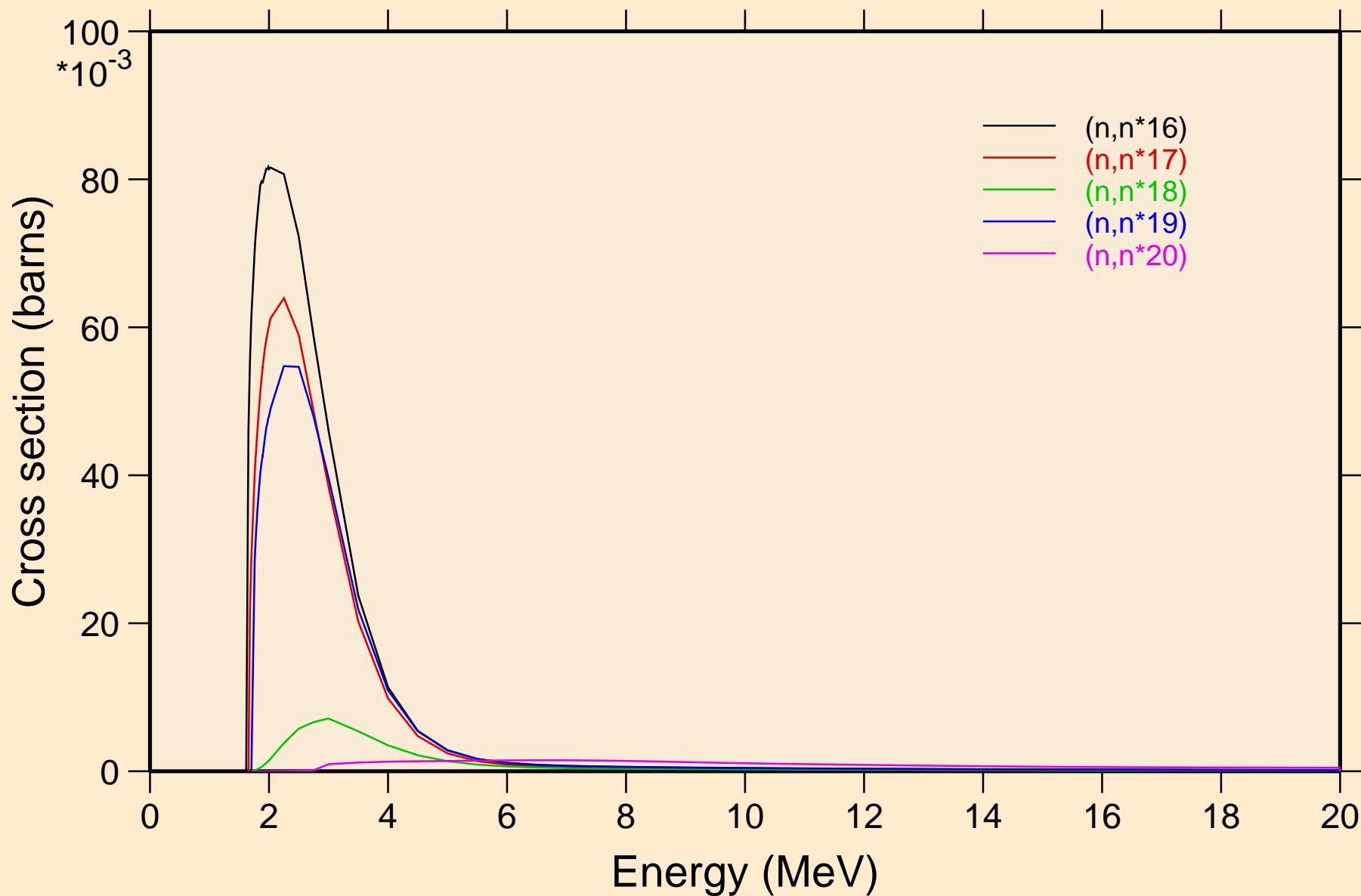
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Inelastic levels



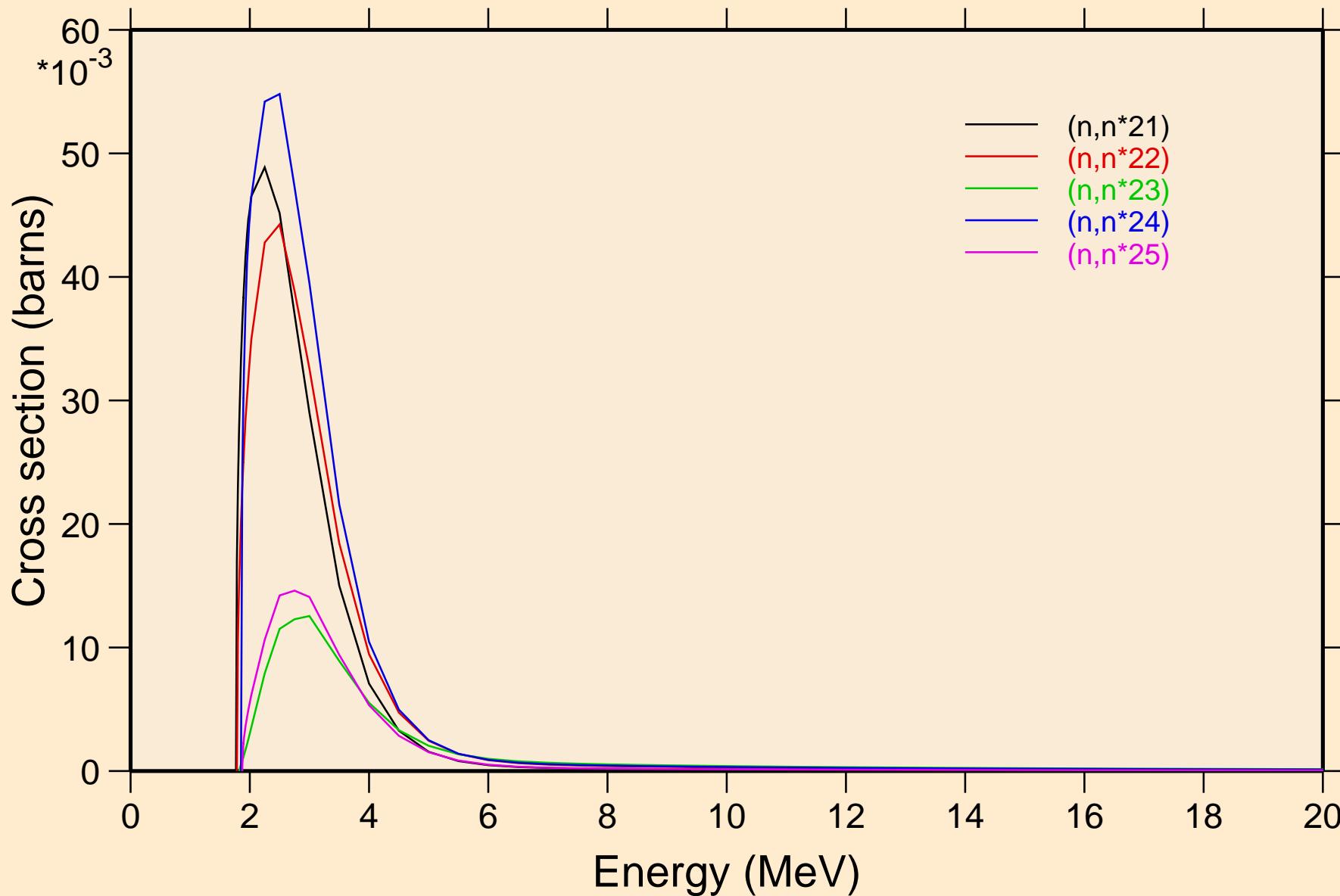
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Inelastic levels



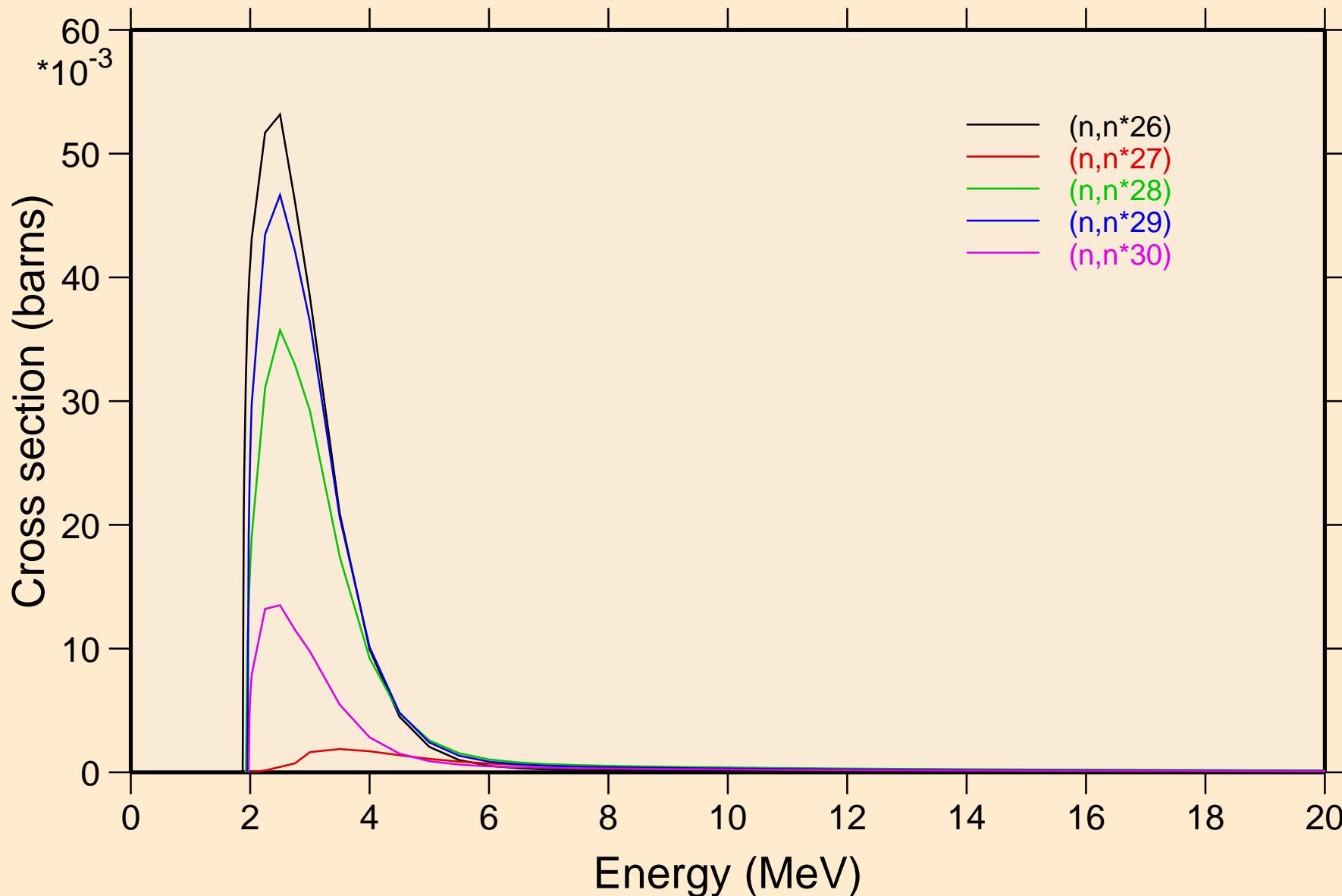
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Inelastic levels



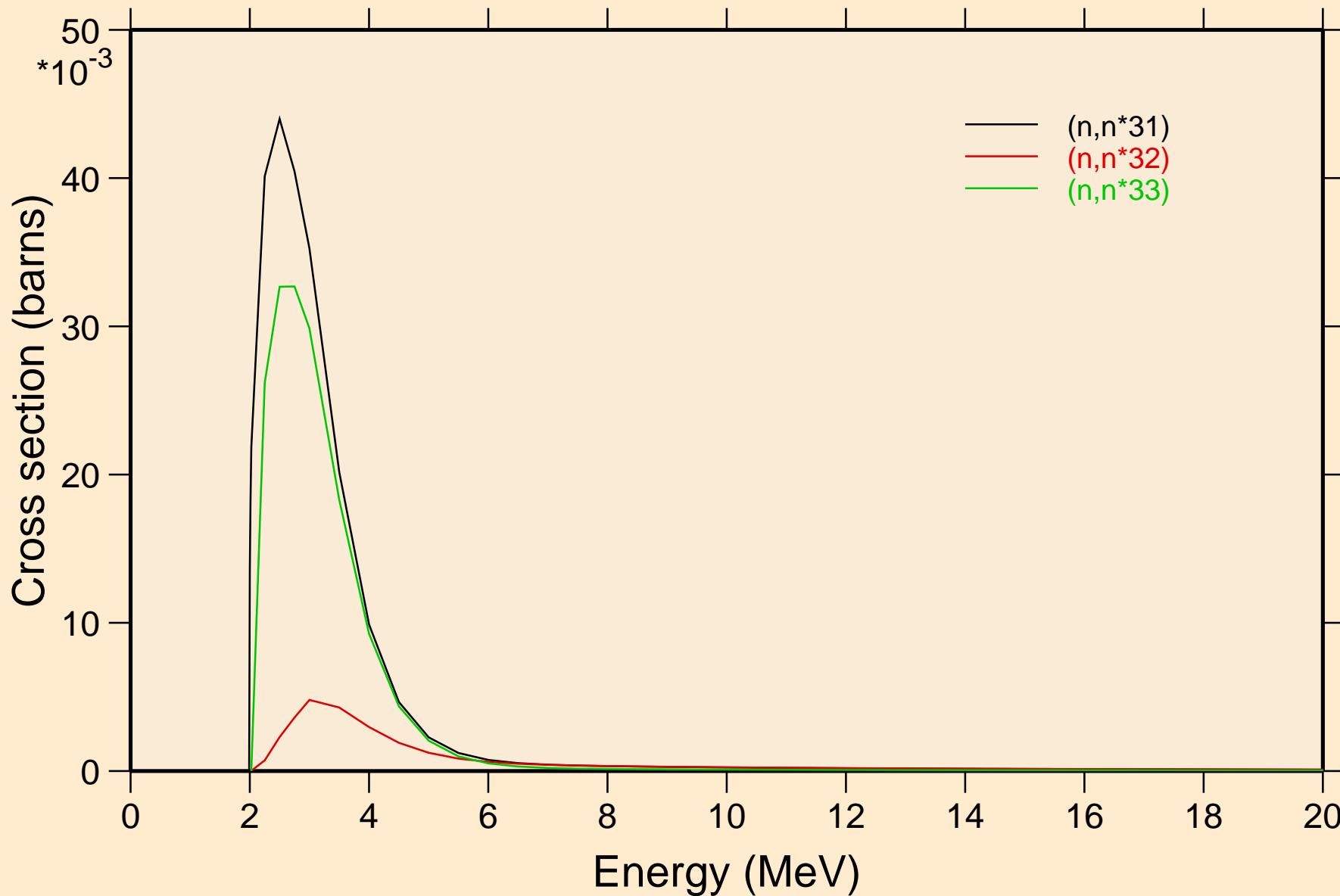
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Inelastic levels



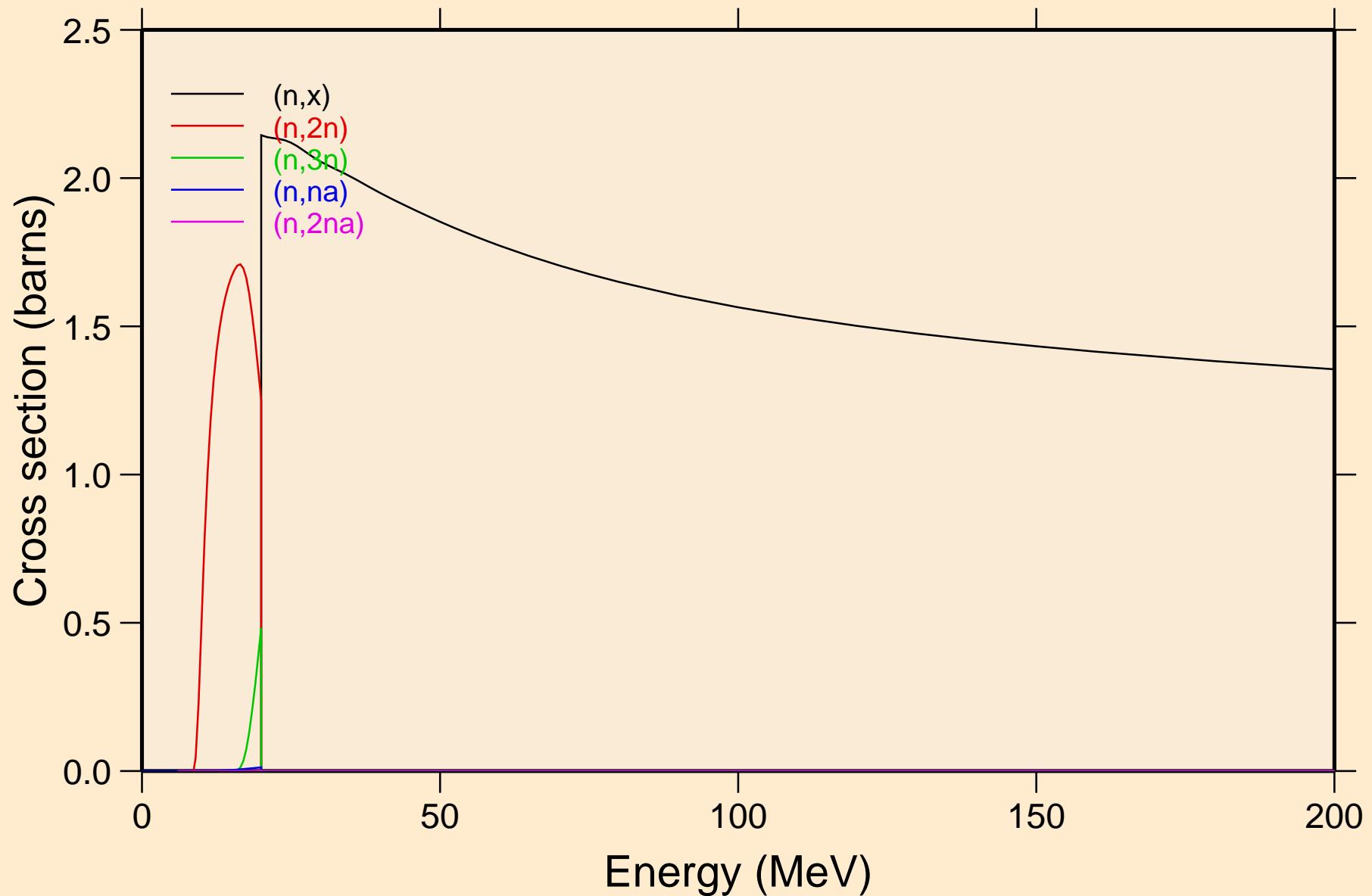
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Inelastic levels



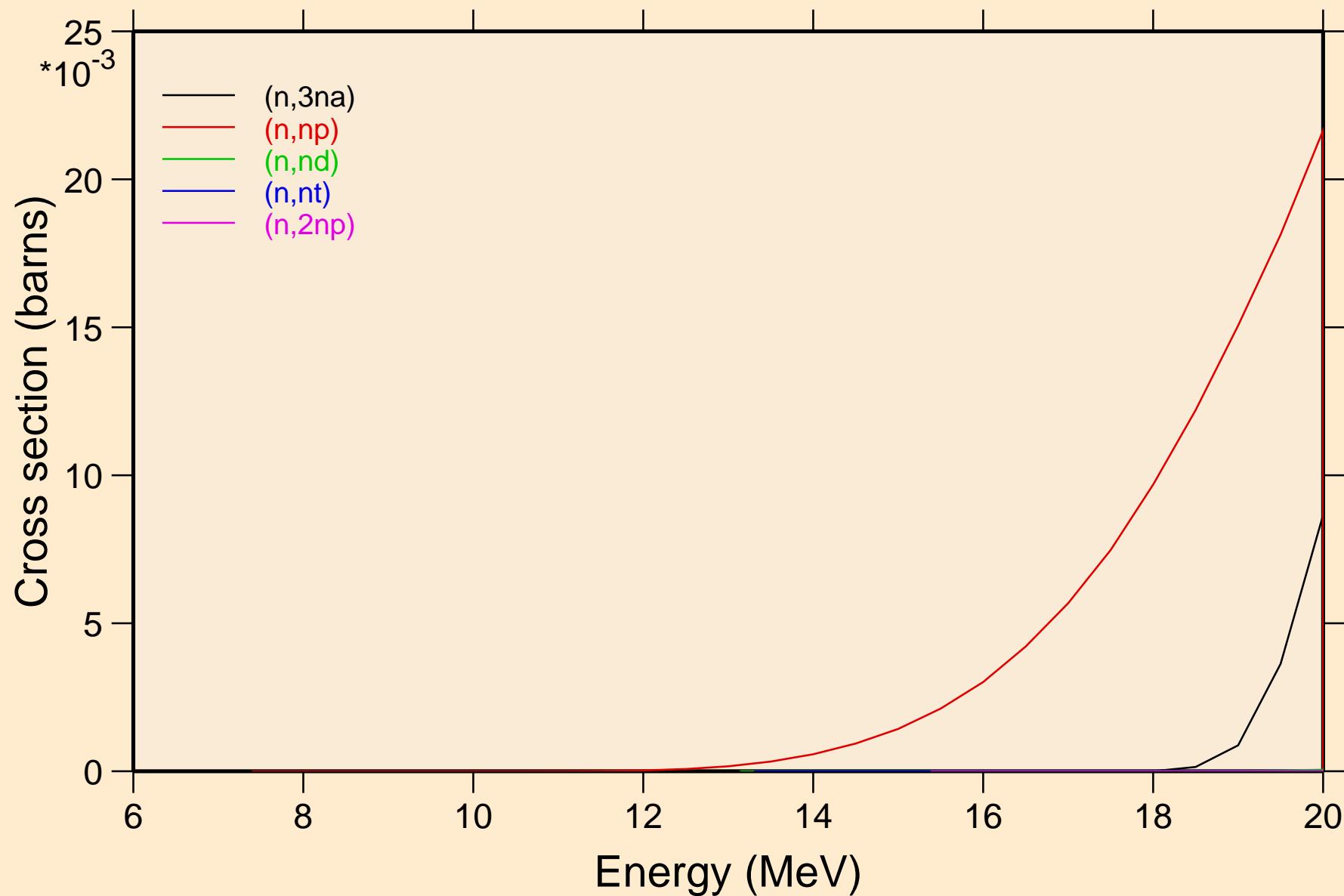
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Inelastic levels



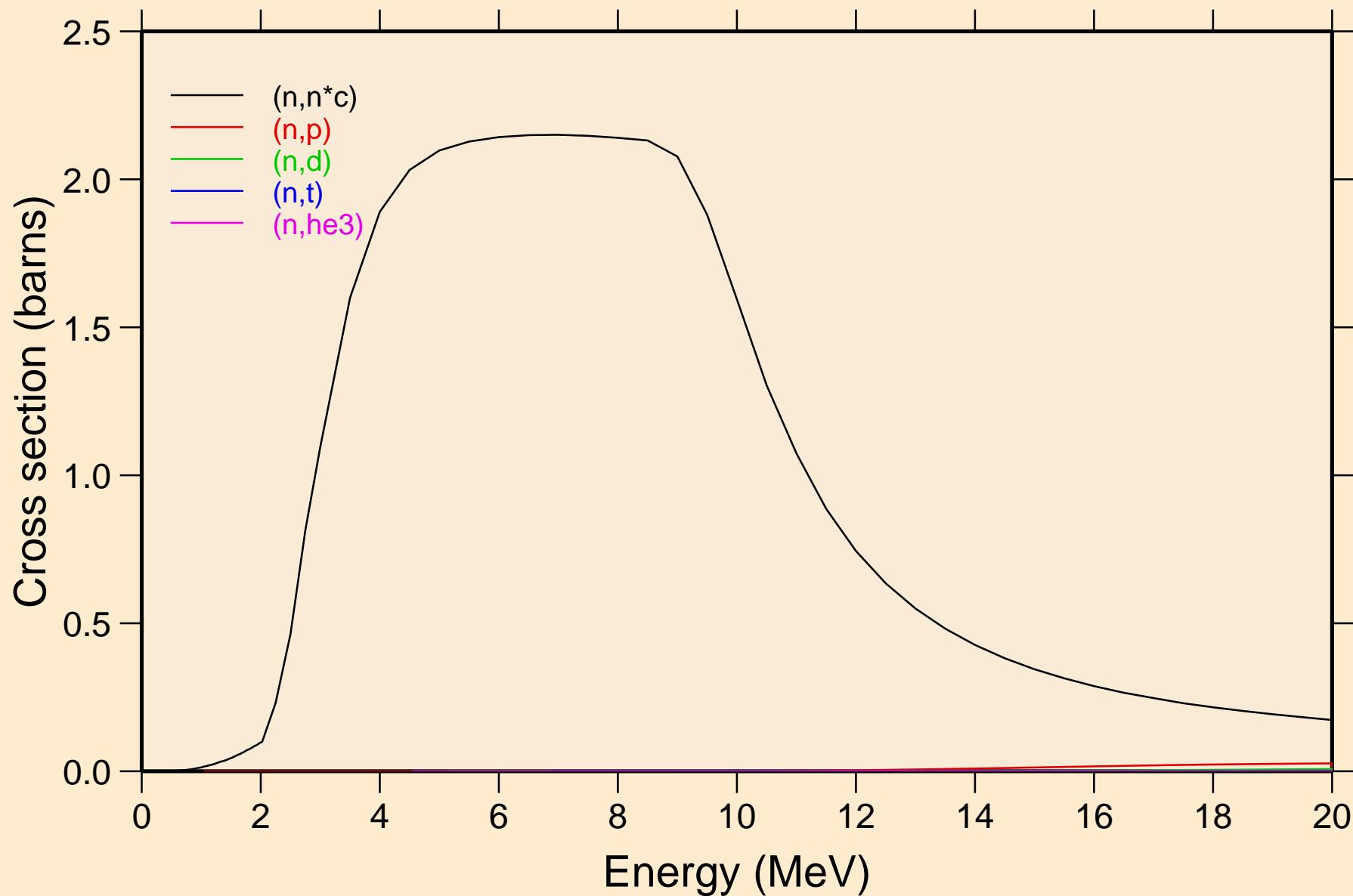
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Threshold reactions



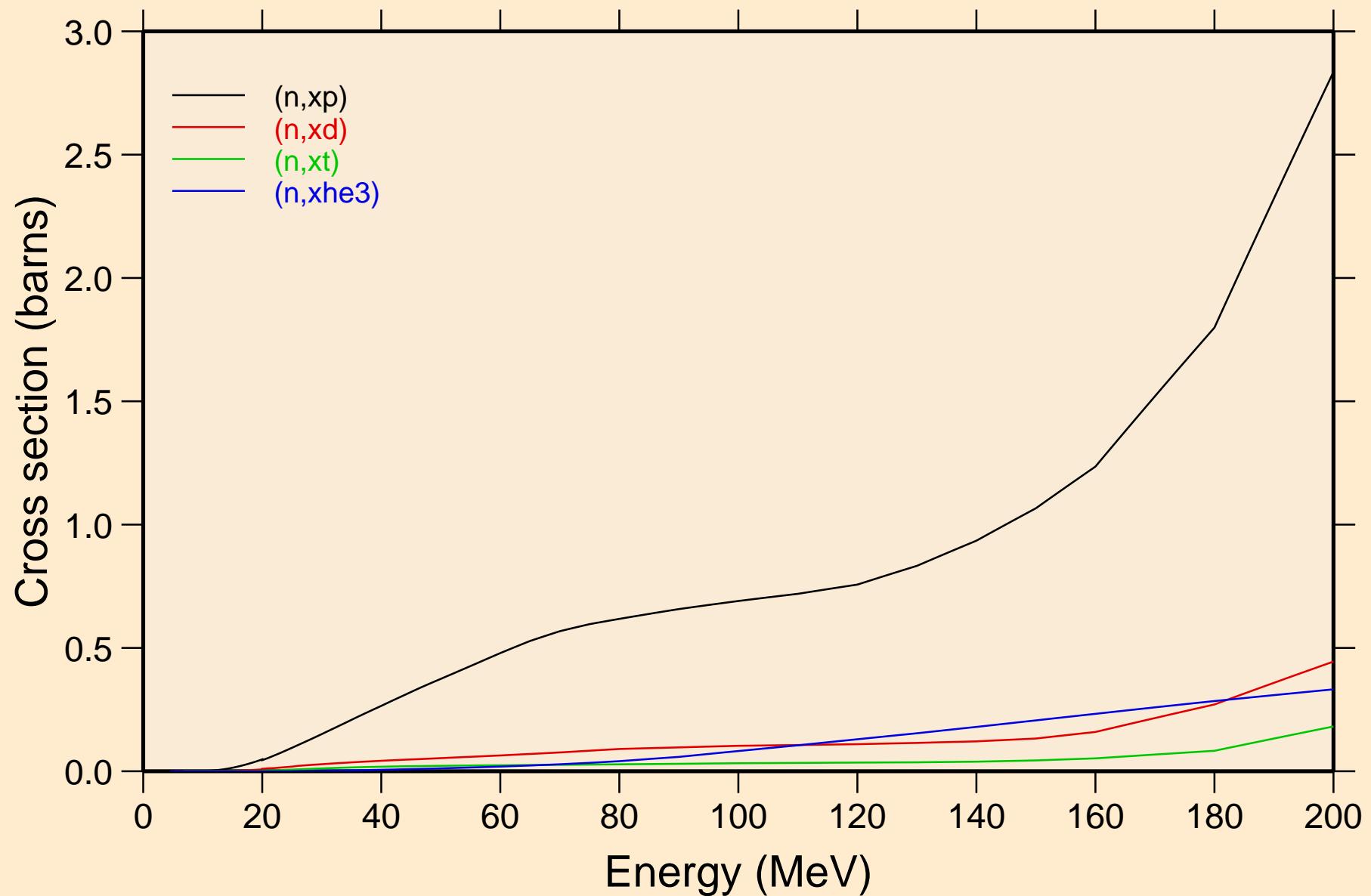
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Threshold reactions



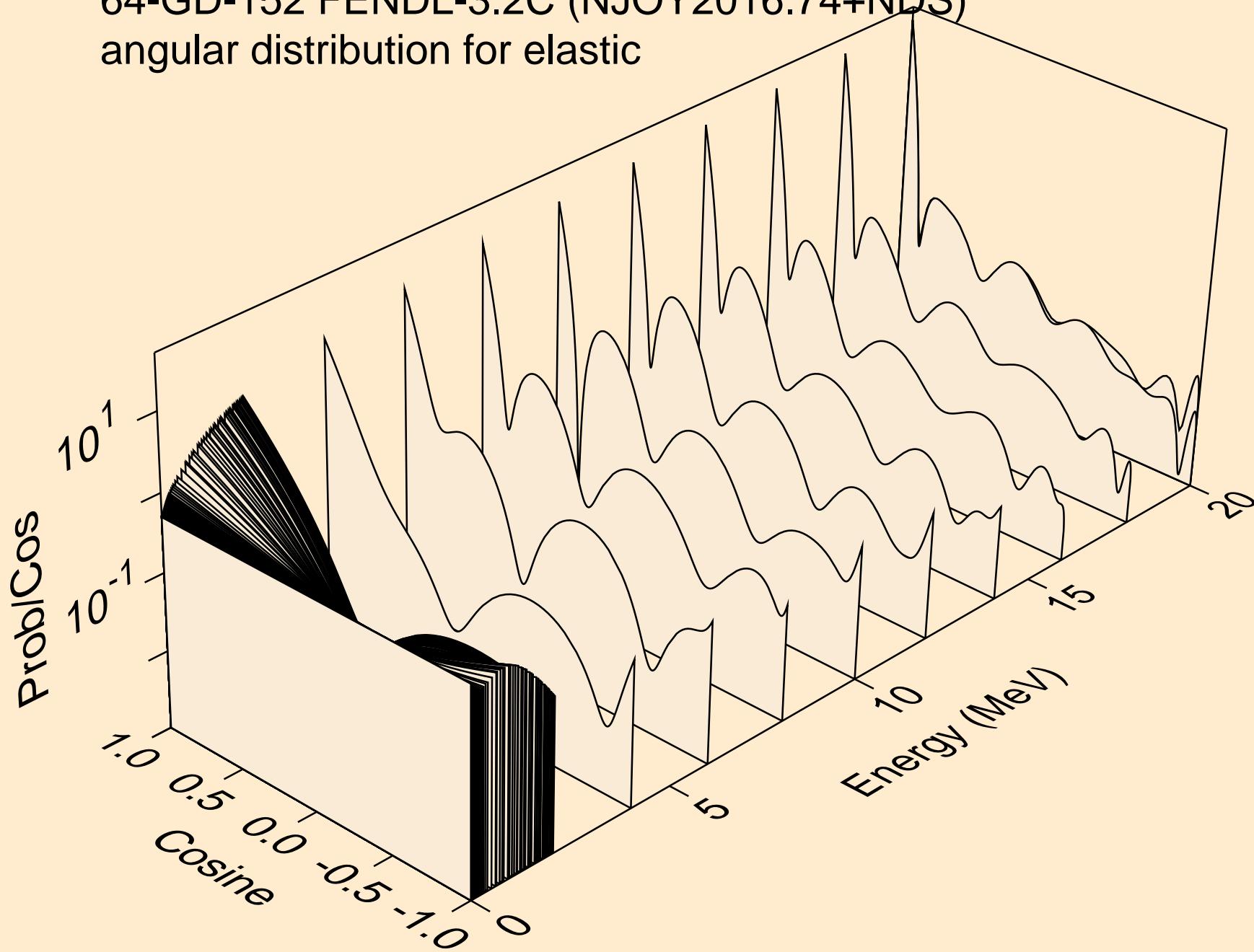
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Threshold reactions



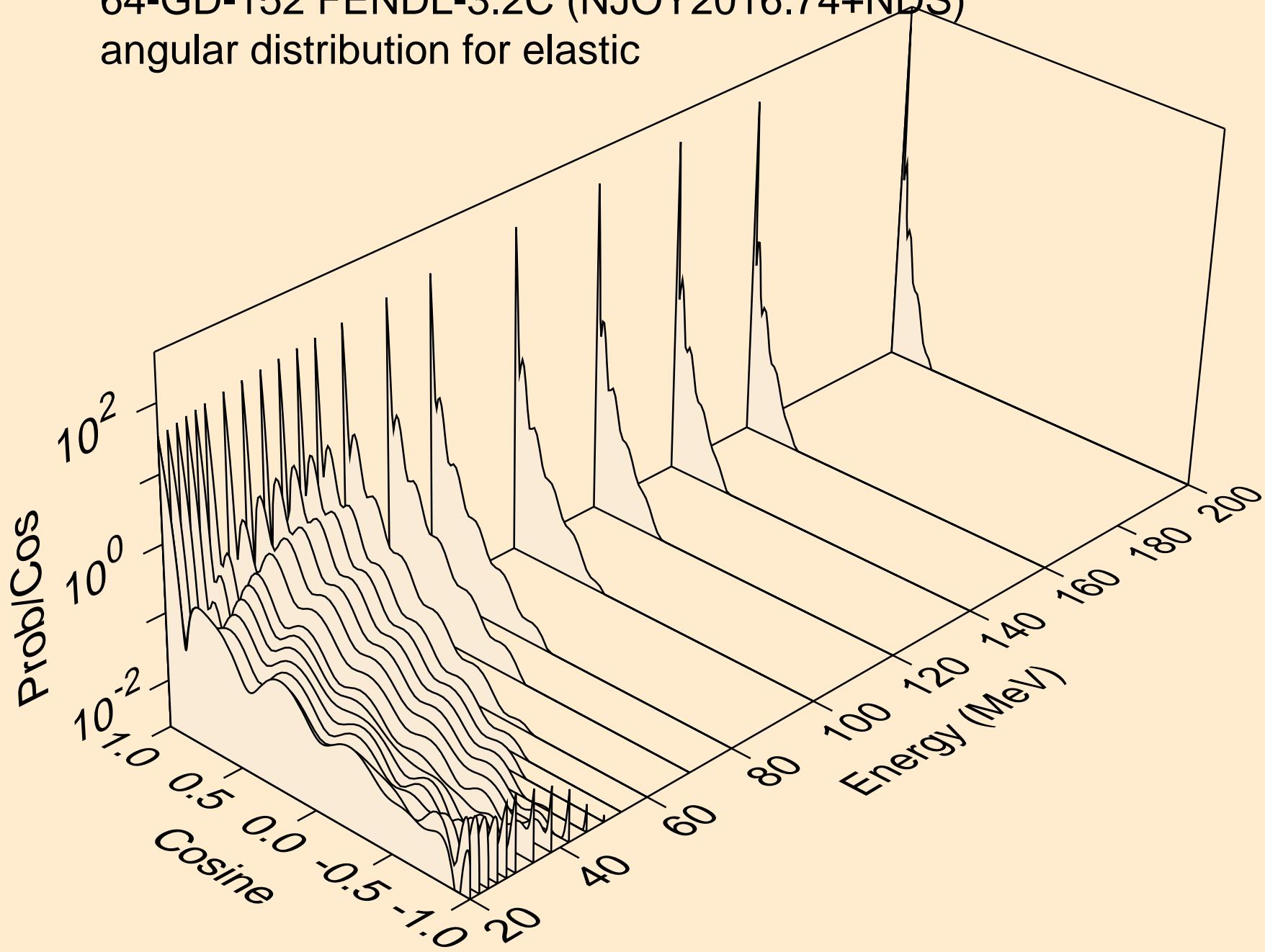
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Threshold reactions



64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for elastic

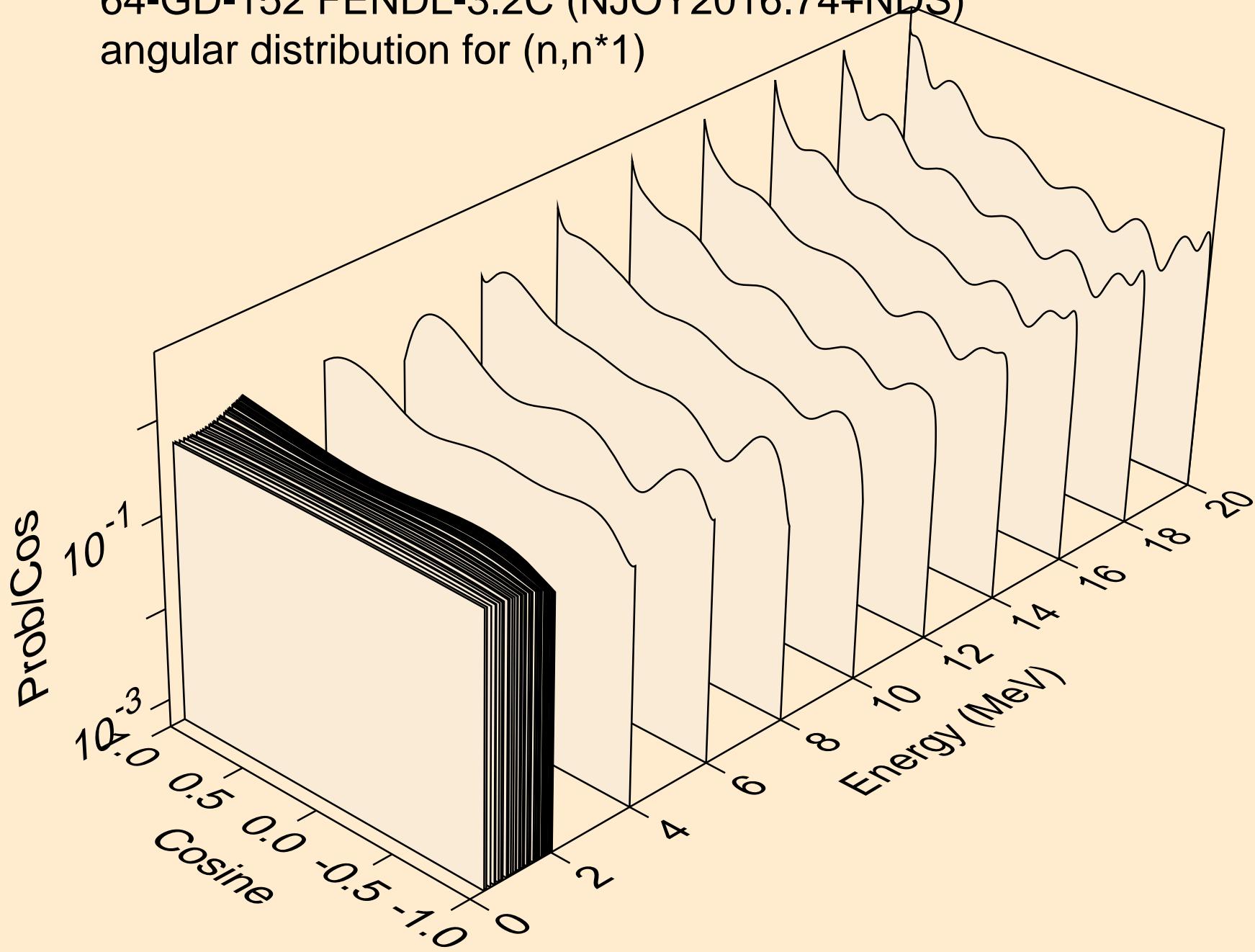


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for elastic



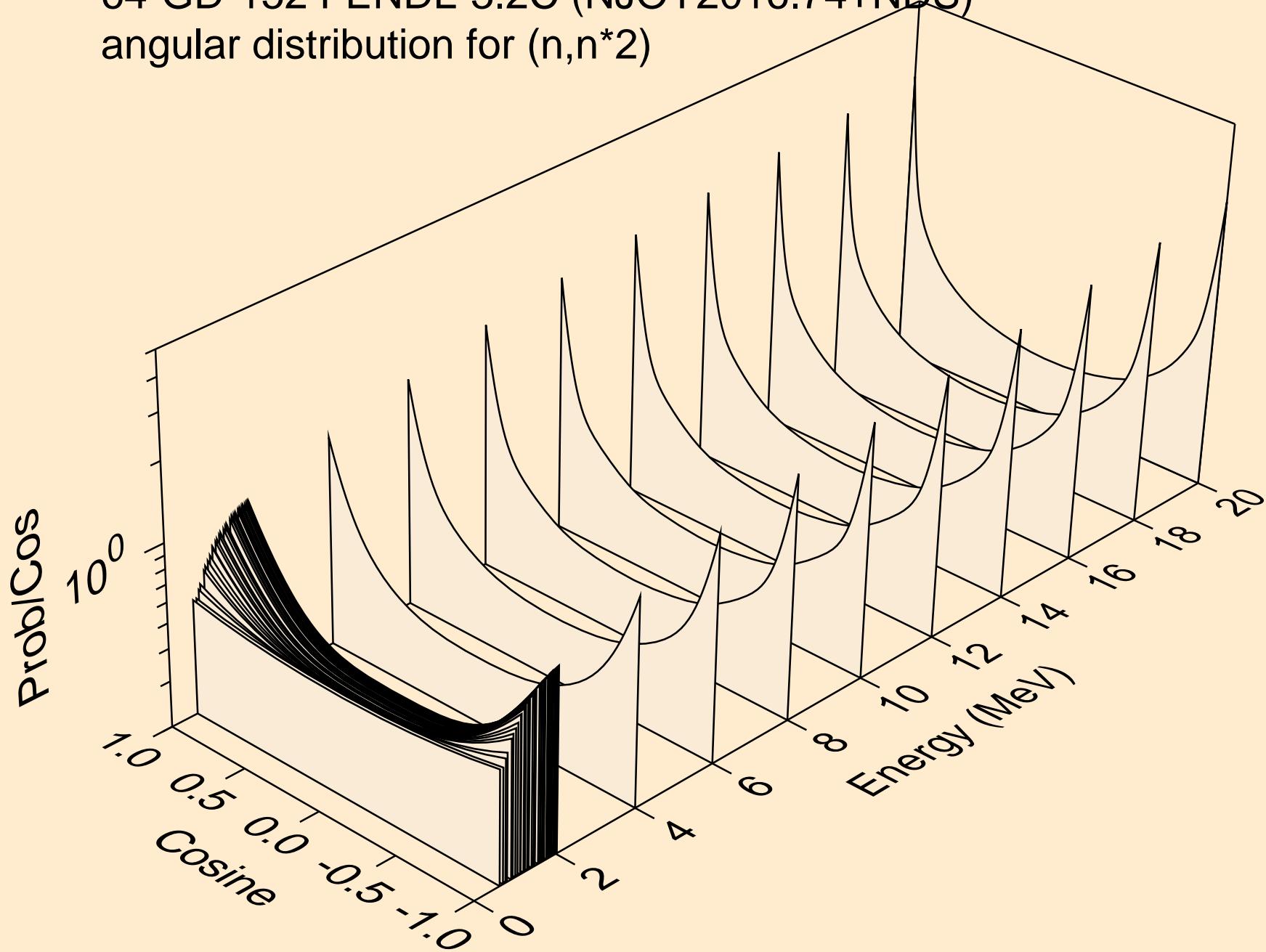
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

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



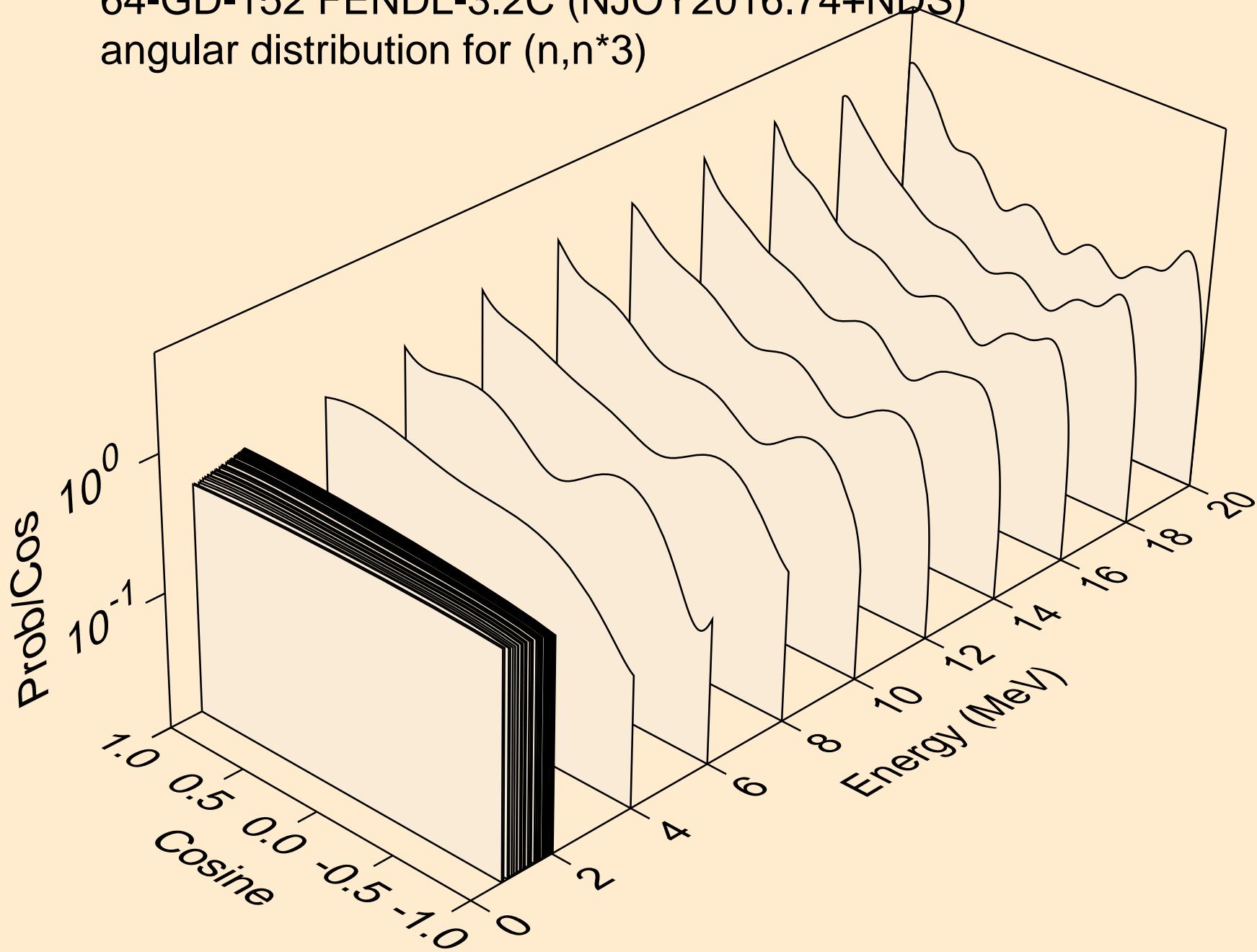
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^2)$



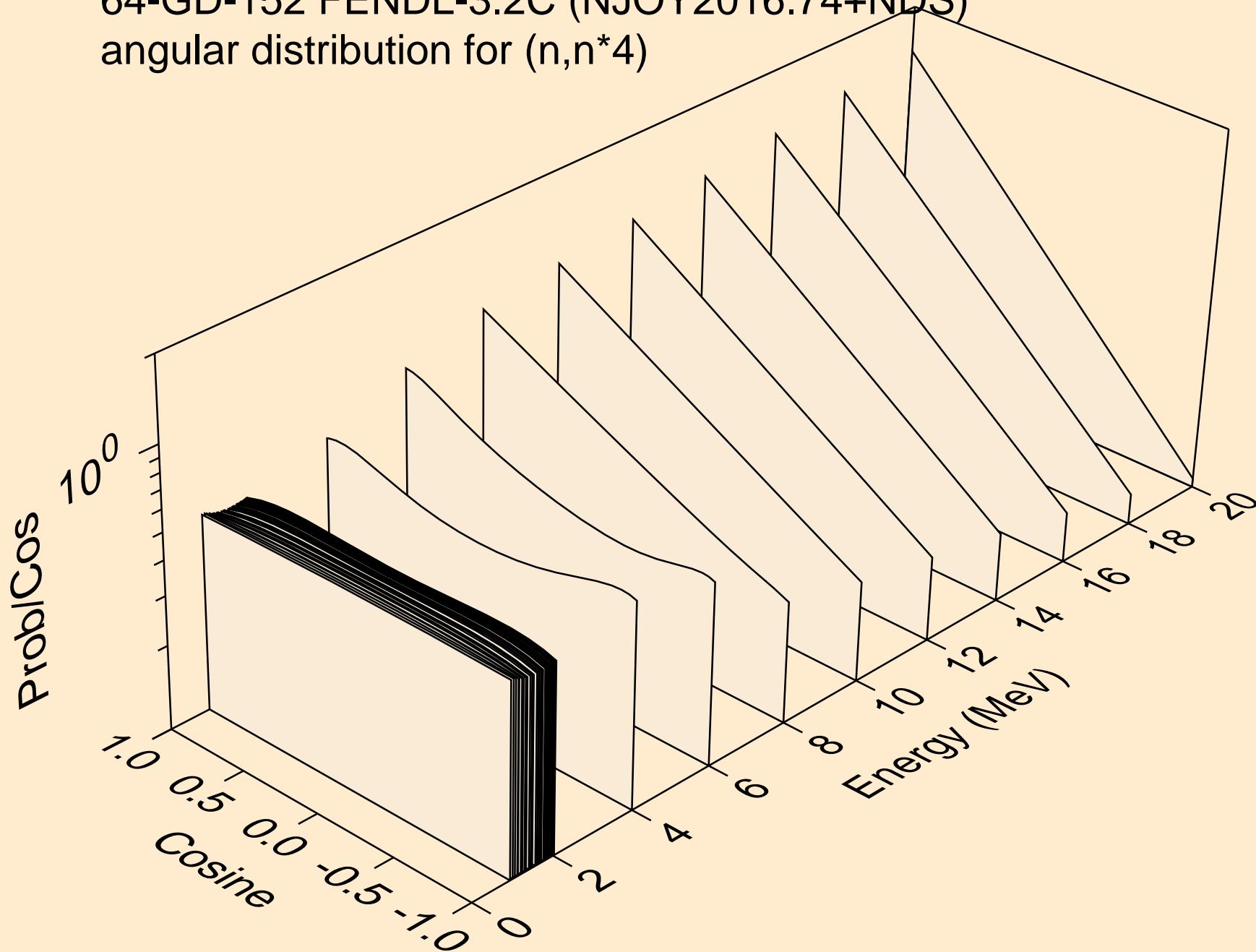
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*)^3$



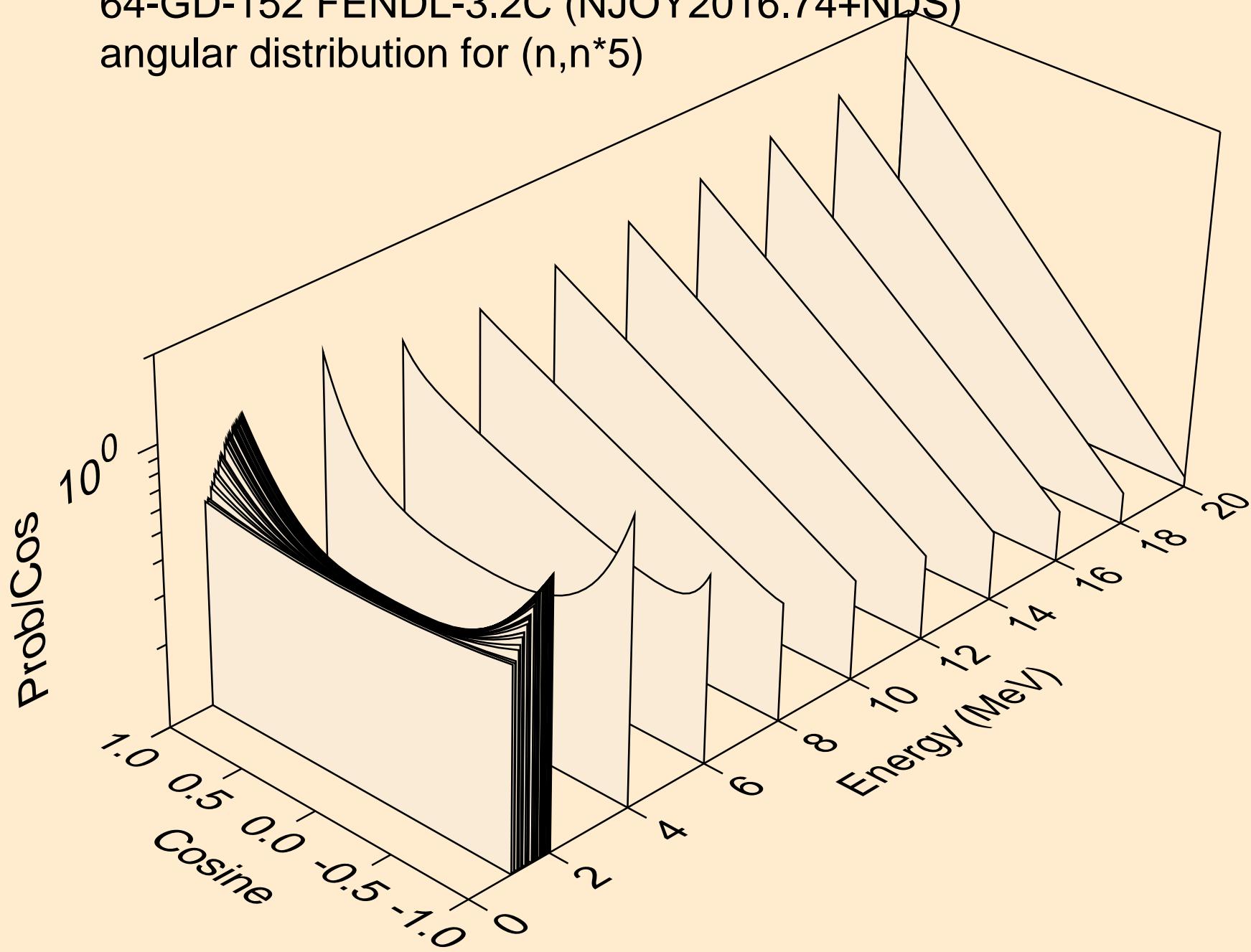
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*4)$



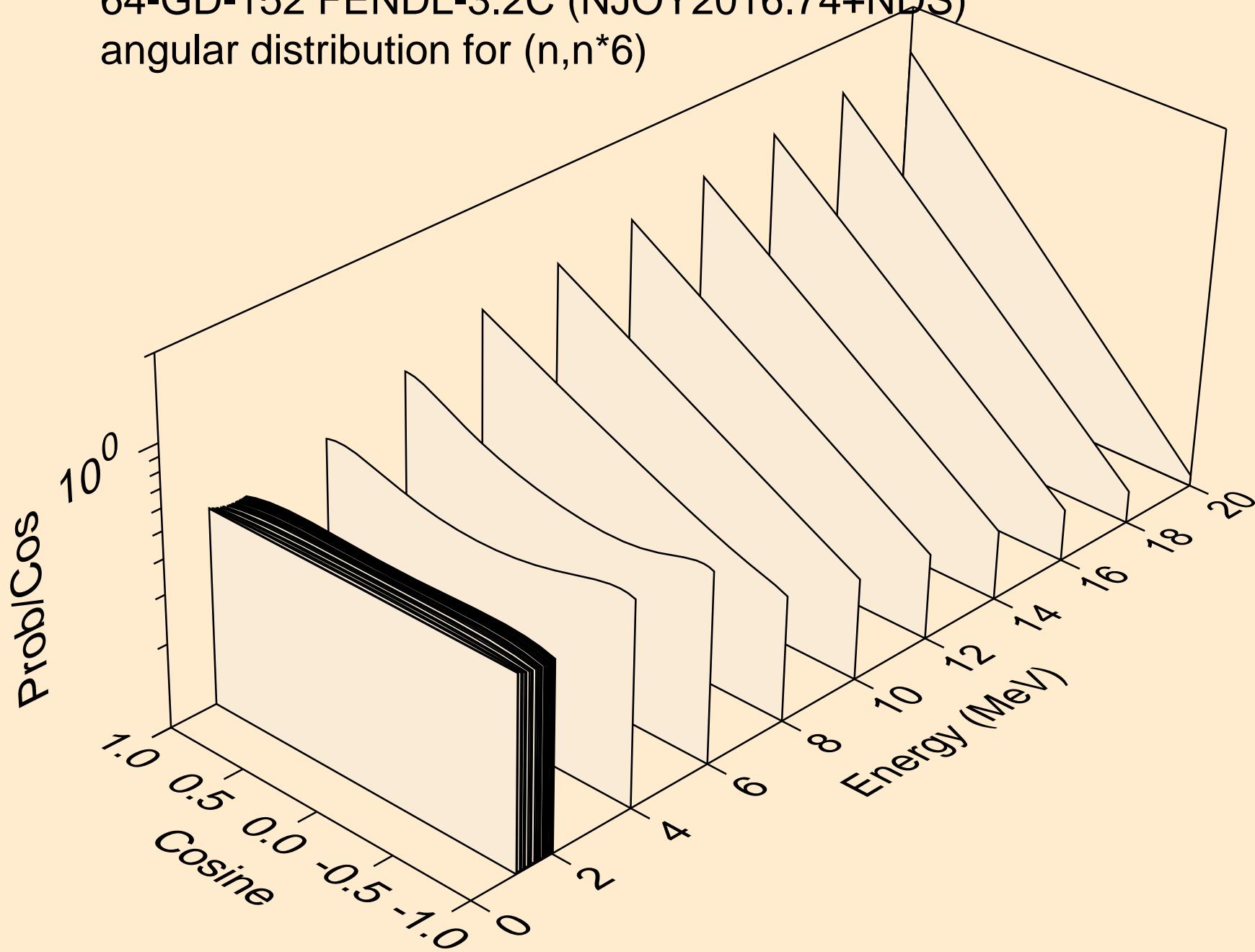
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

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



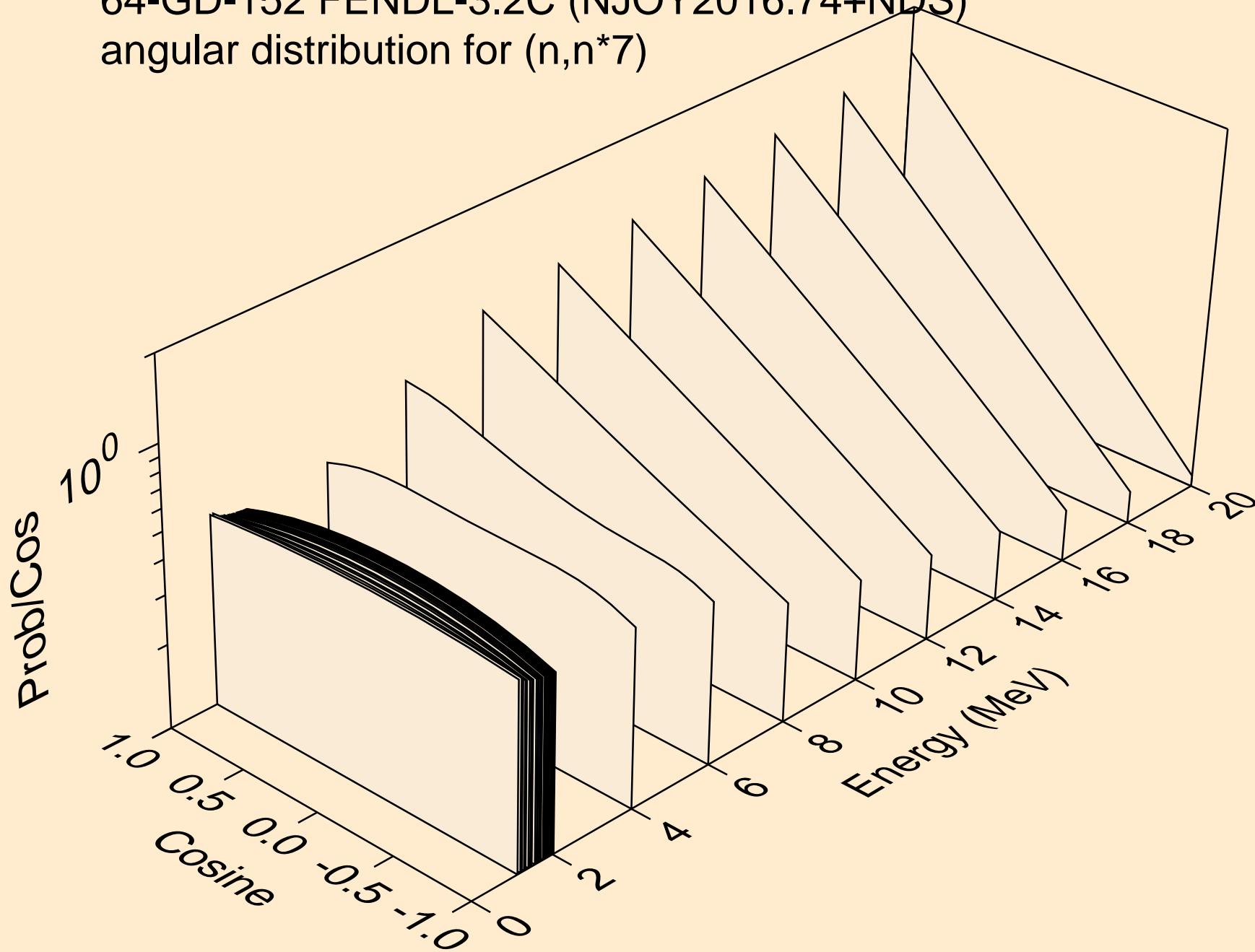
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*6)$



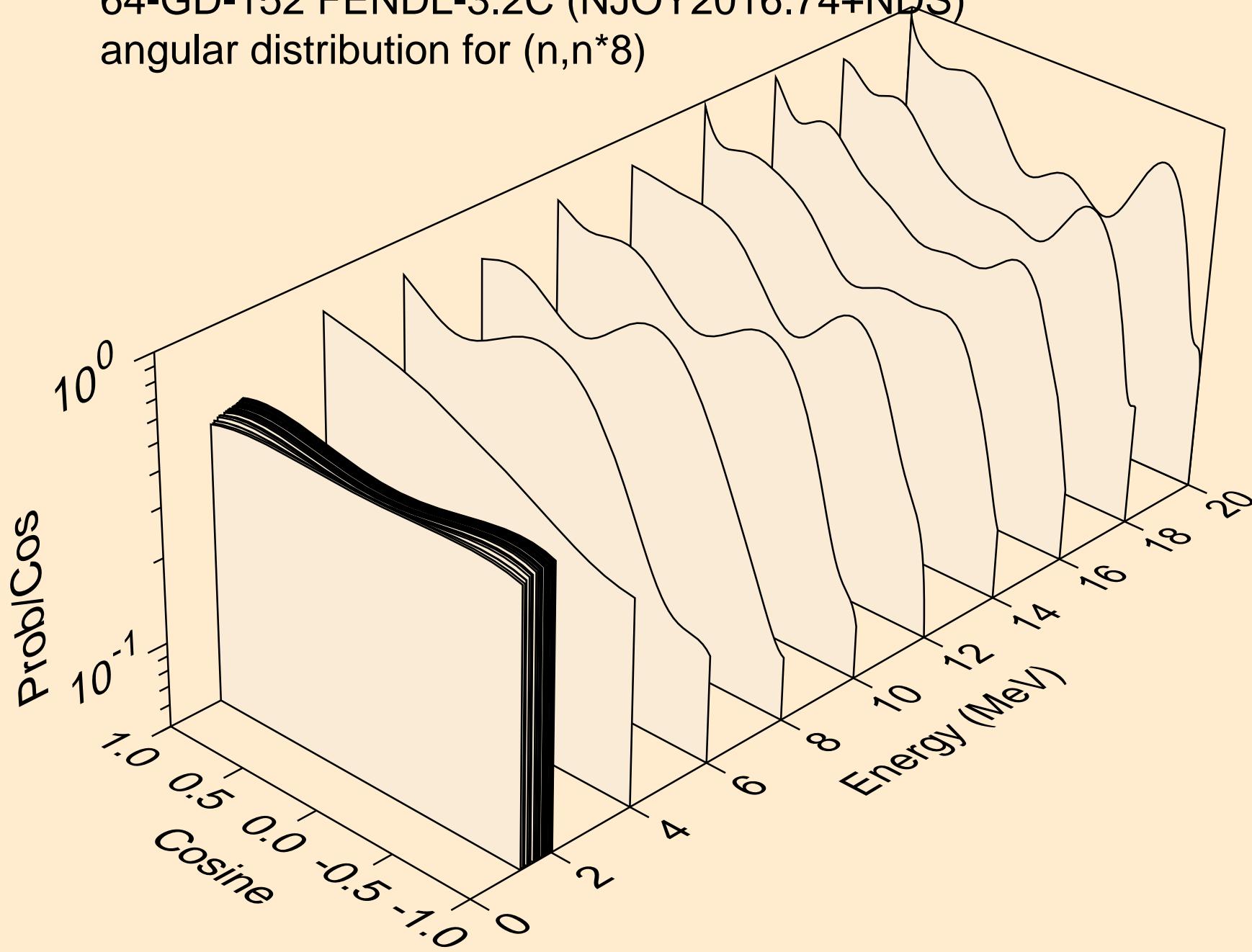
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*)7$



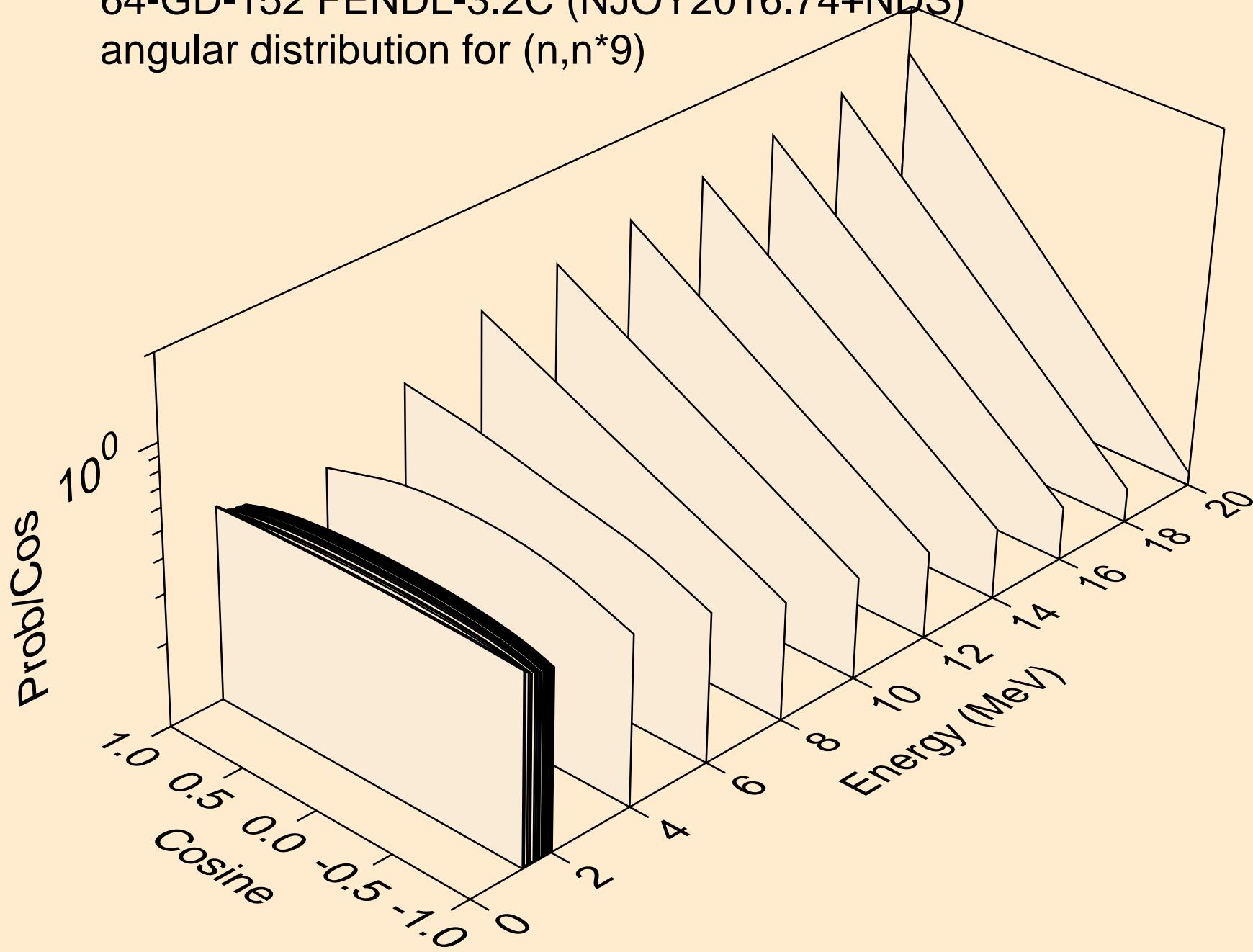
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*)^8$



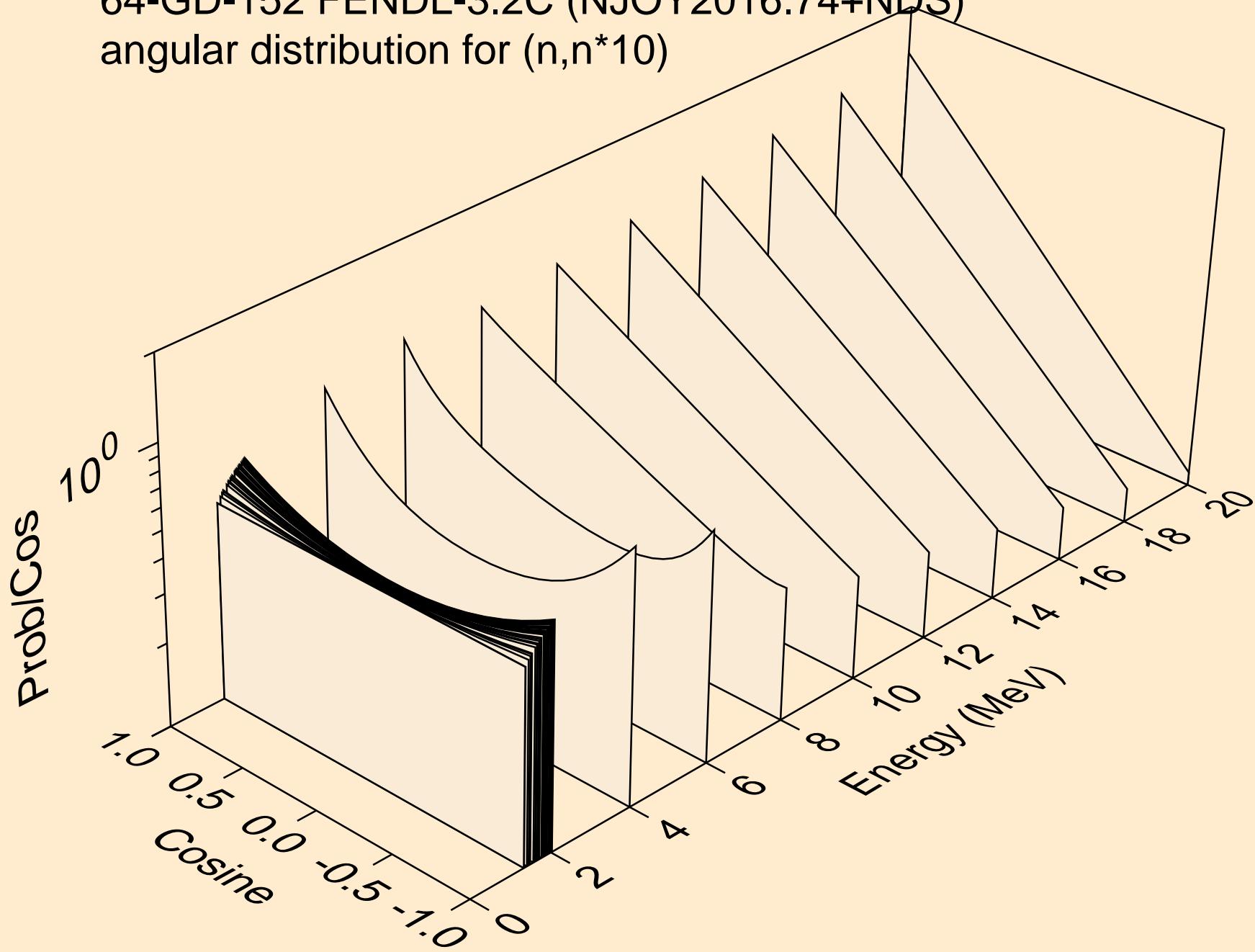
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*9)$



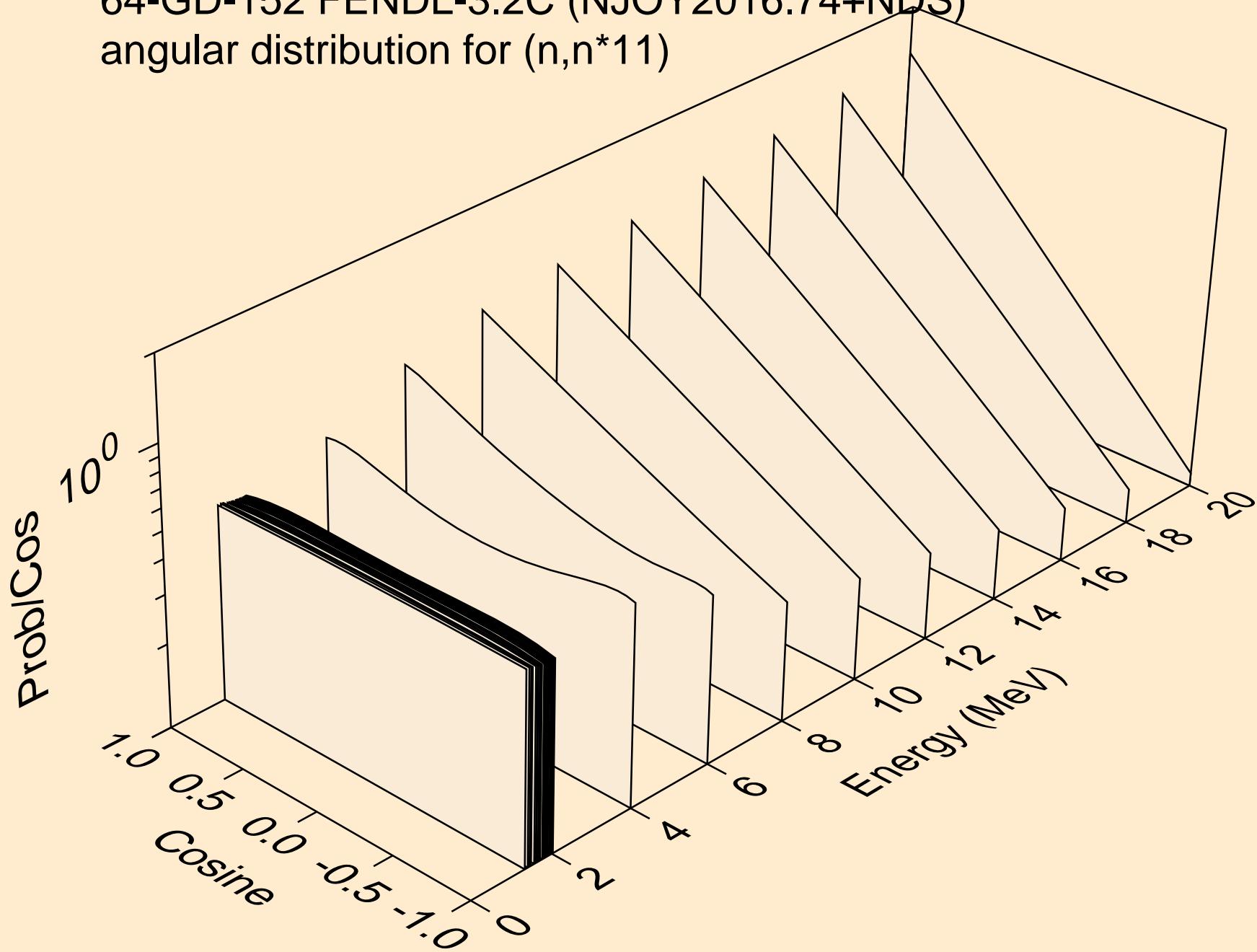
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*10)



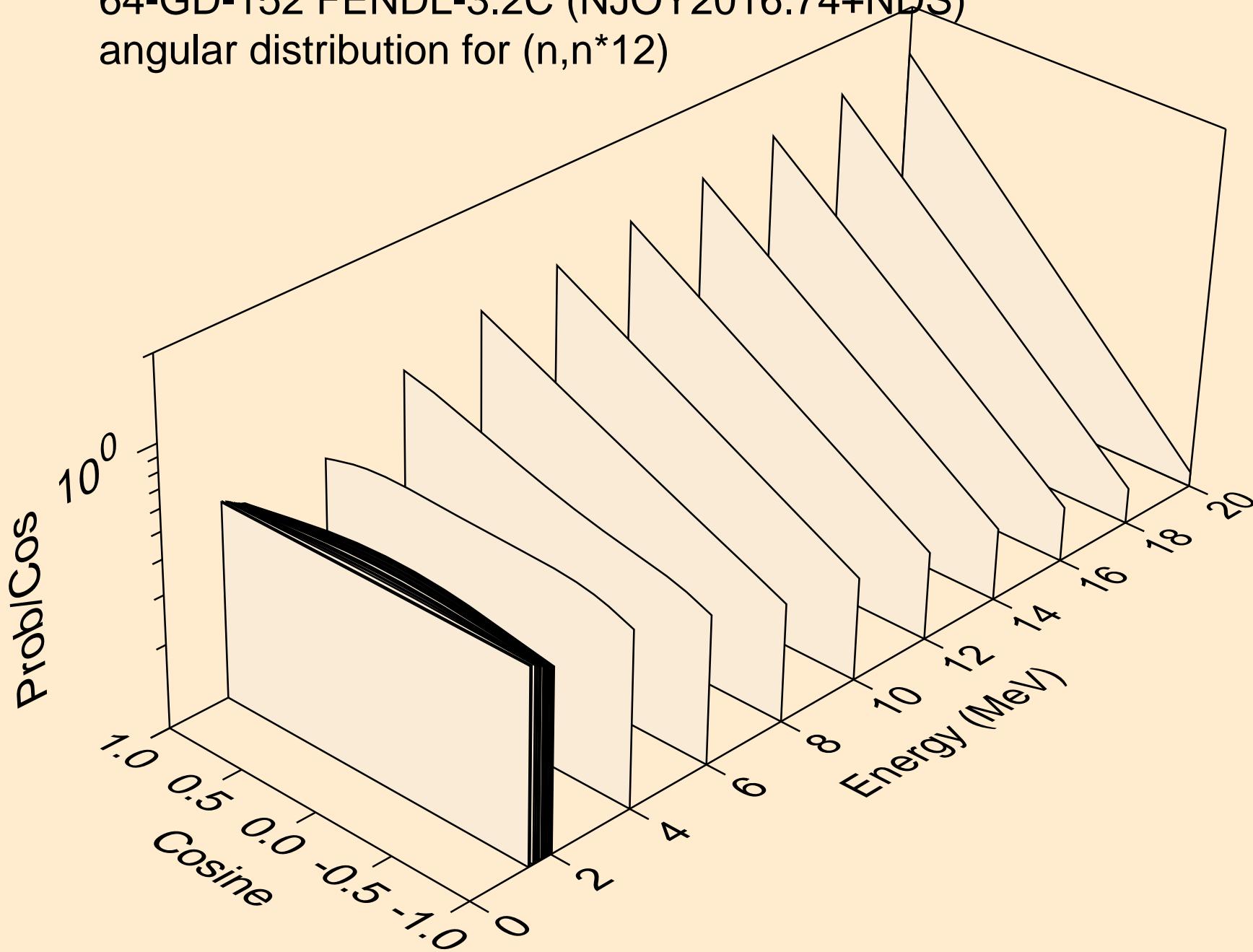
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*11)



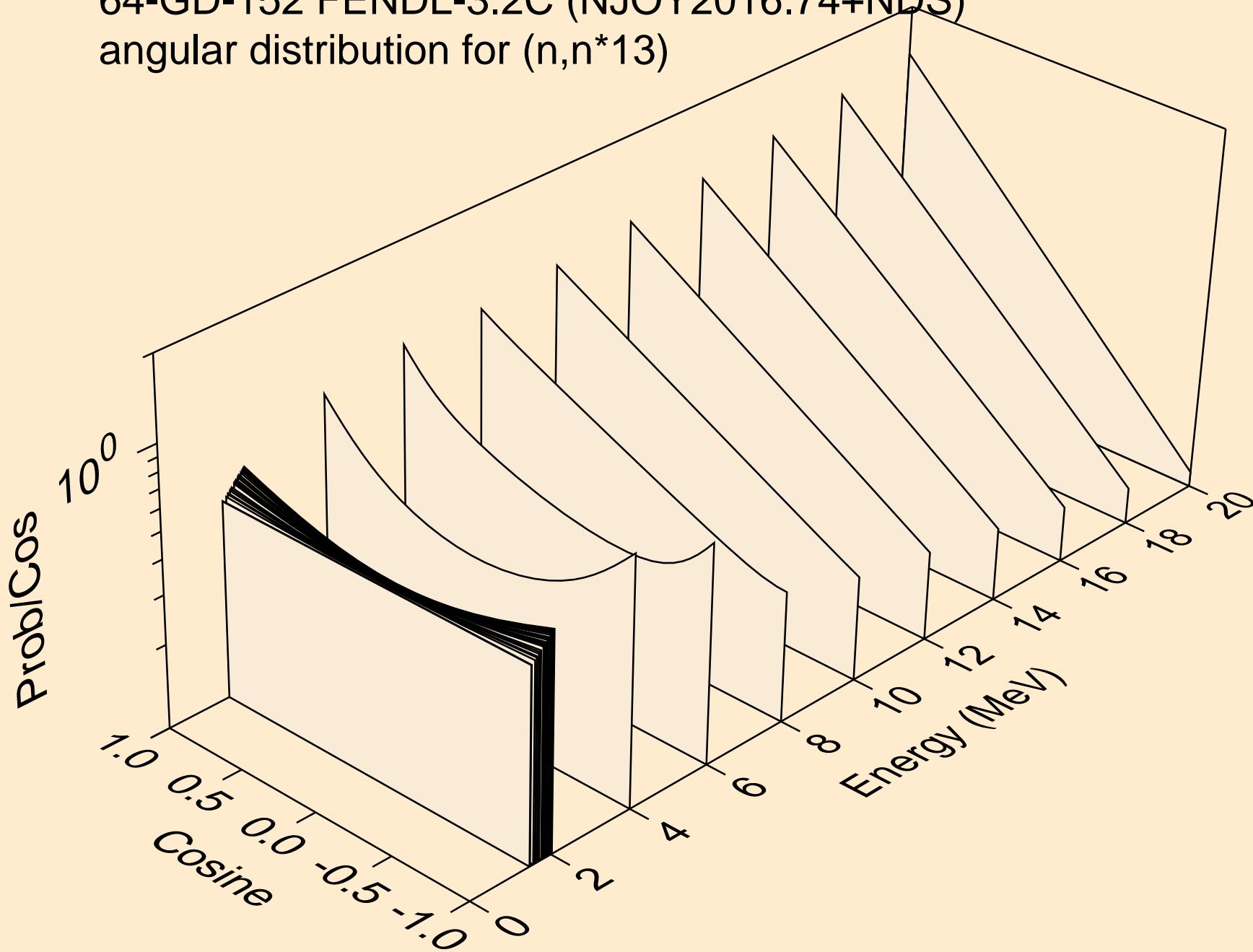
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*12)$



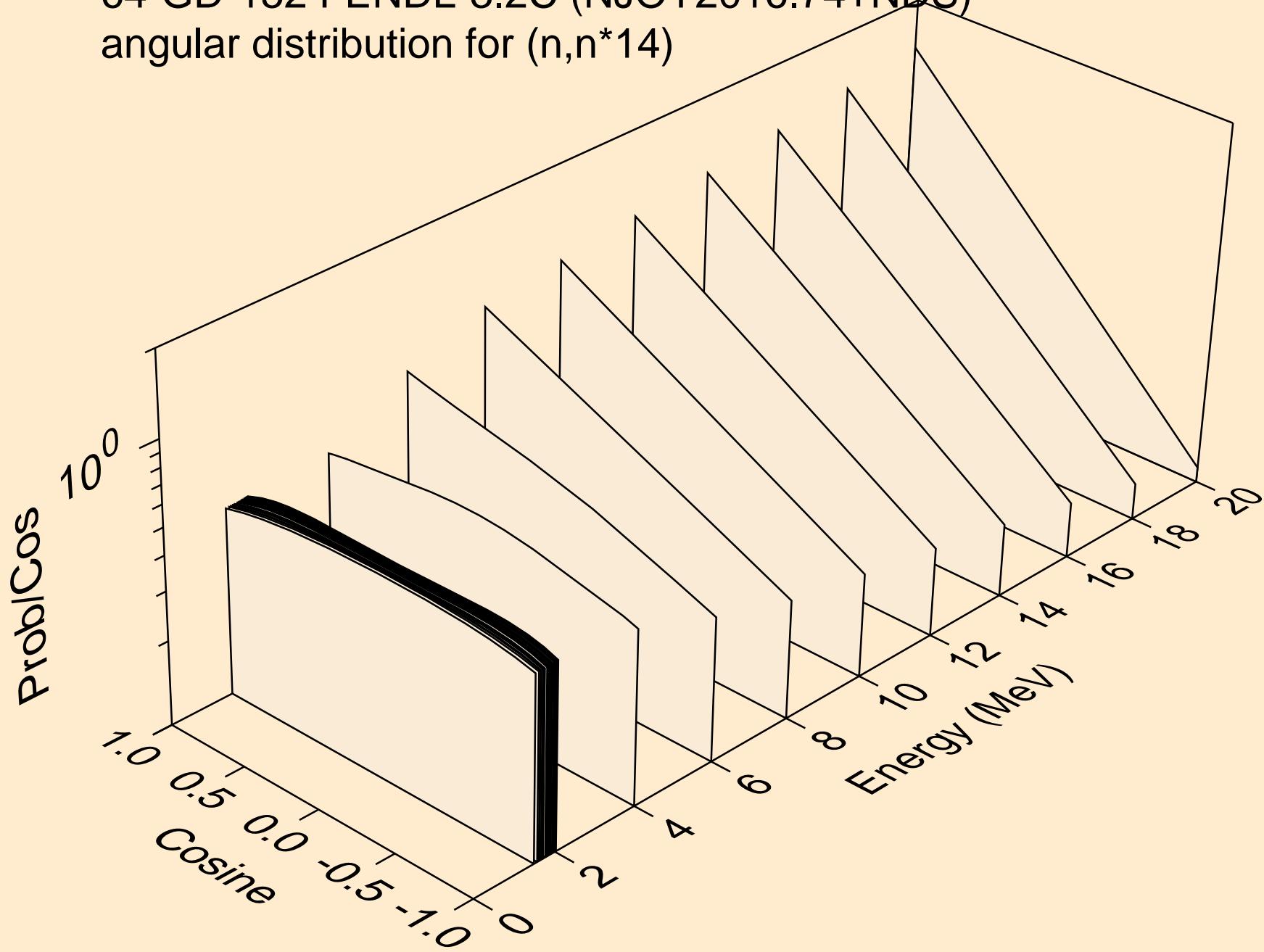
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*13)



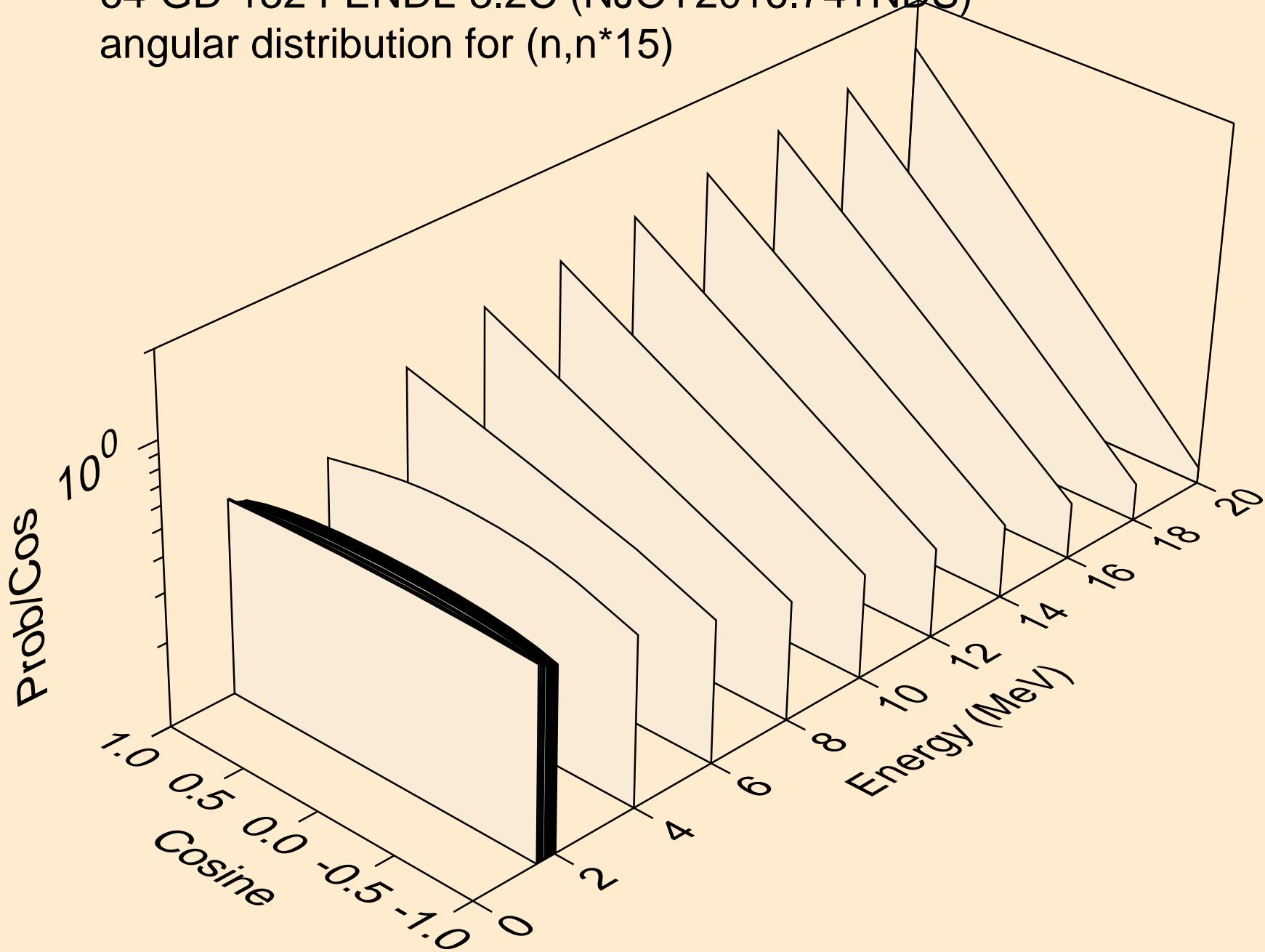
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*14)



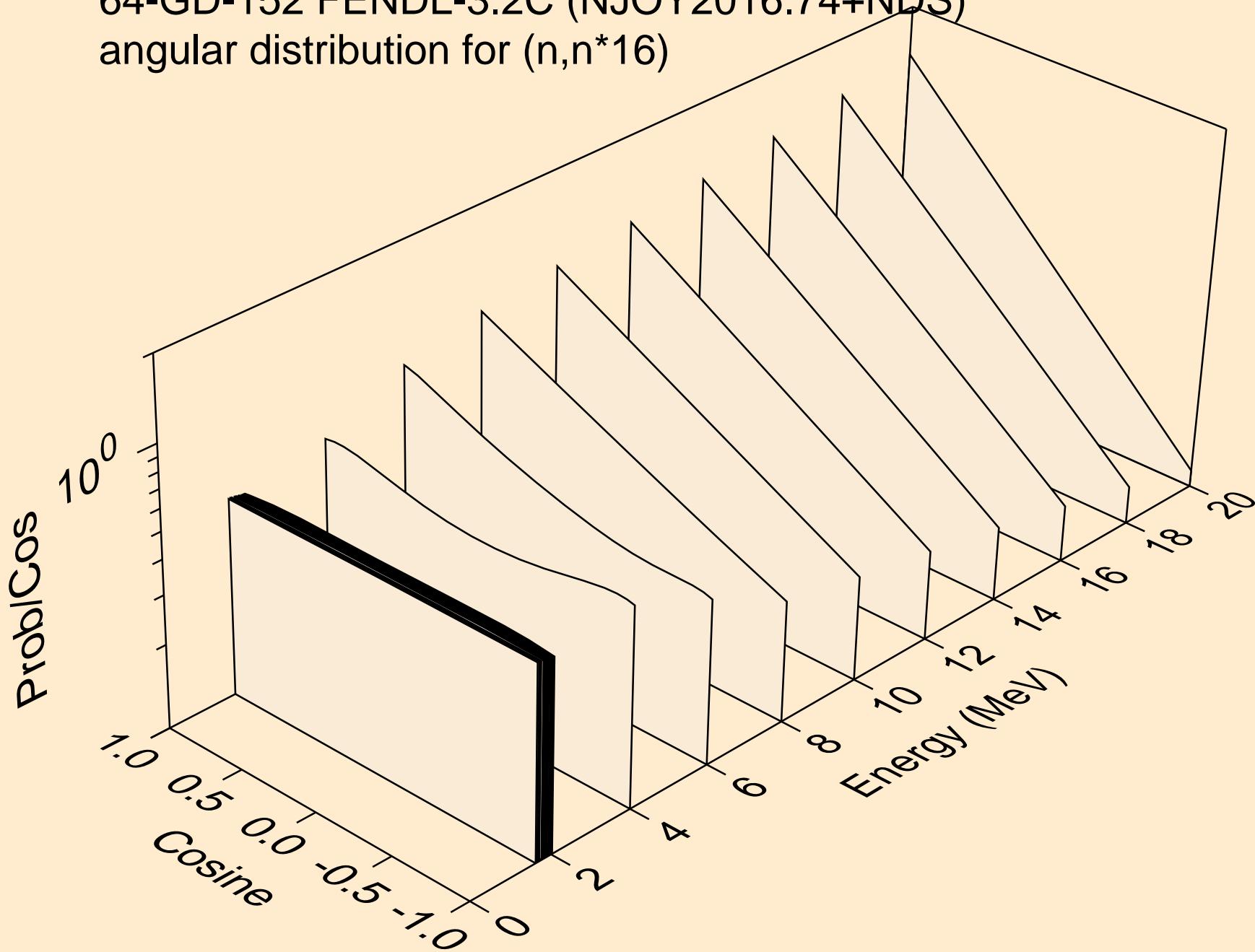
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*15)



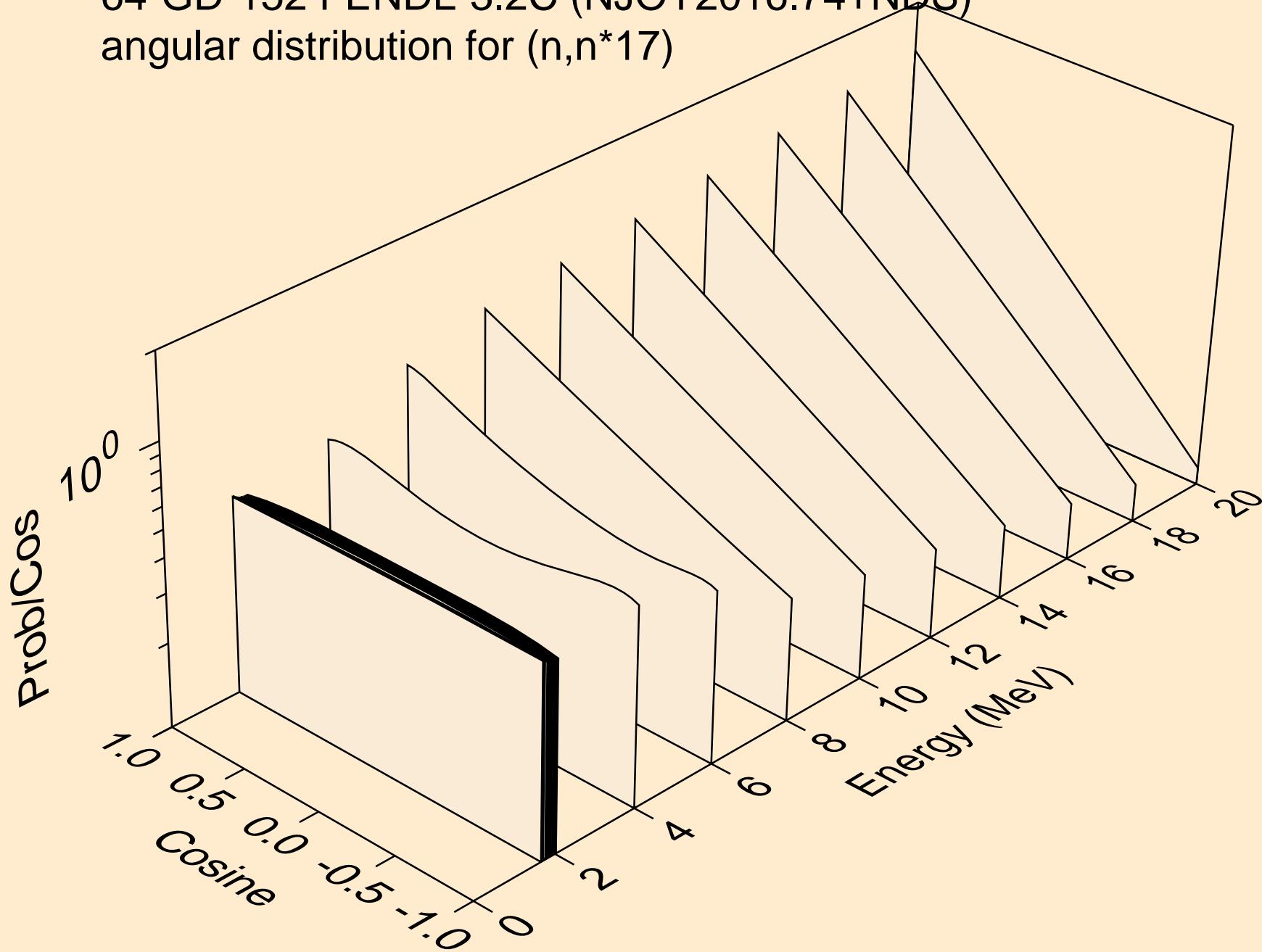
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*16)$



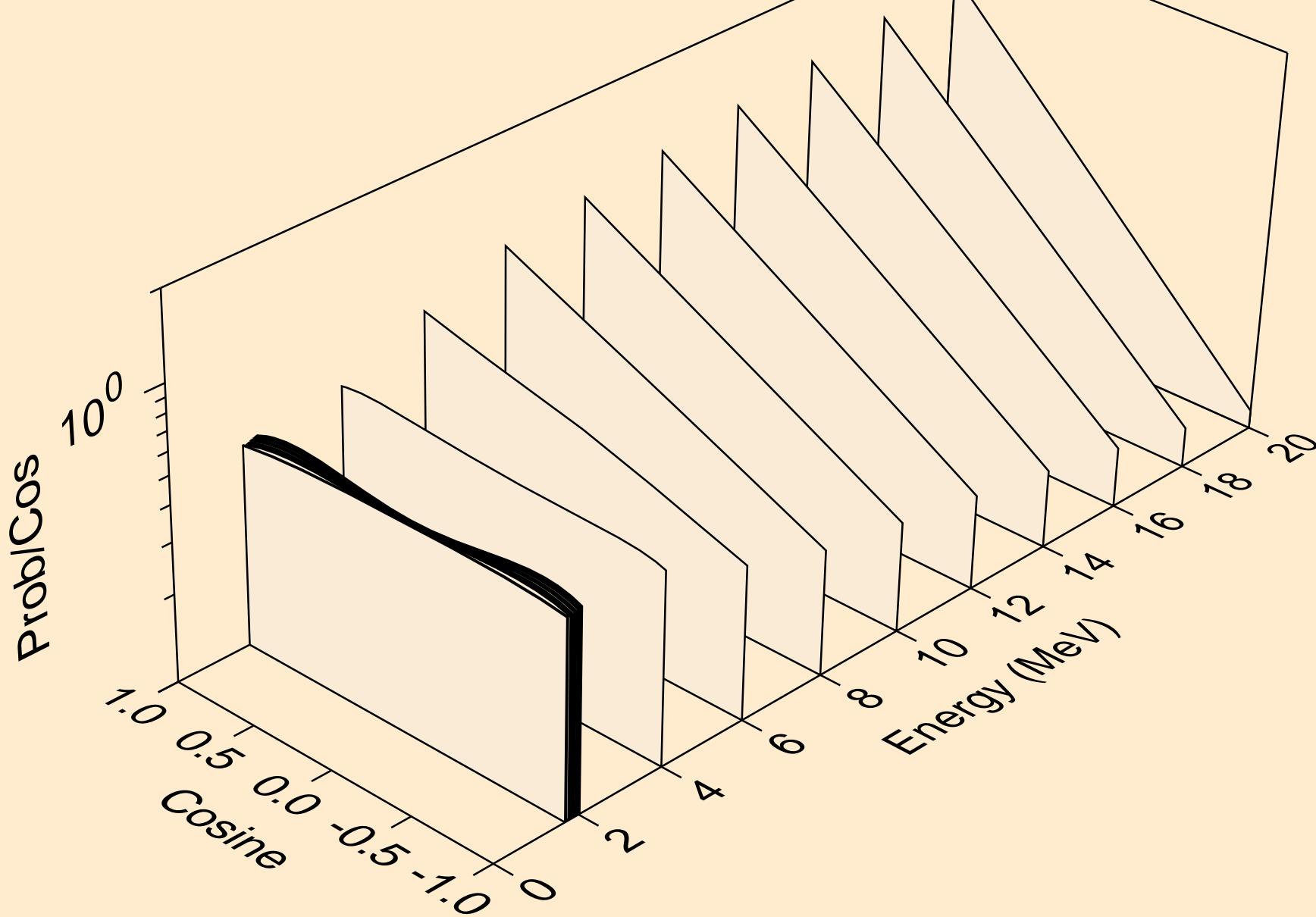
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*17)$



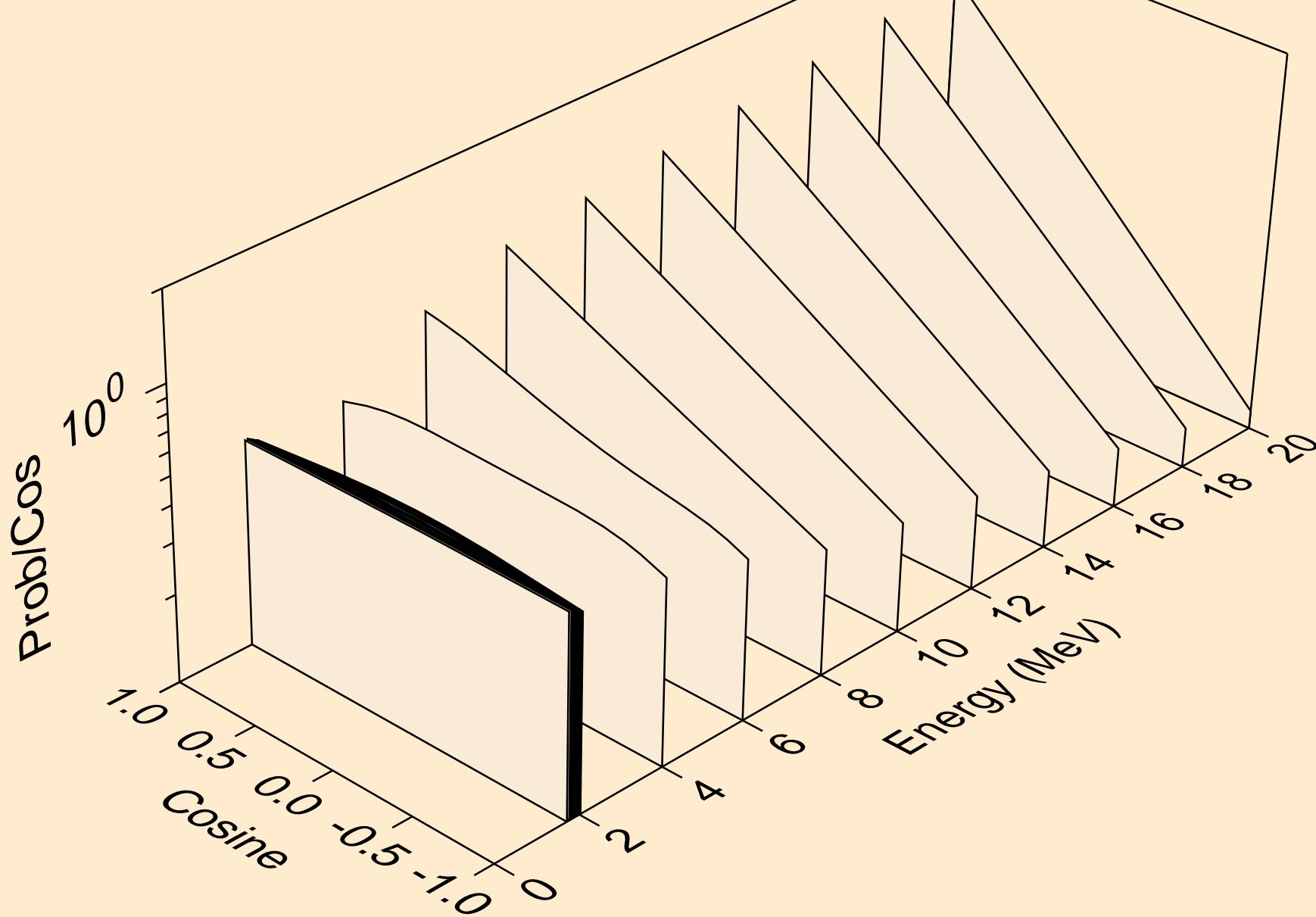
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*18)



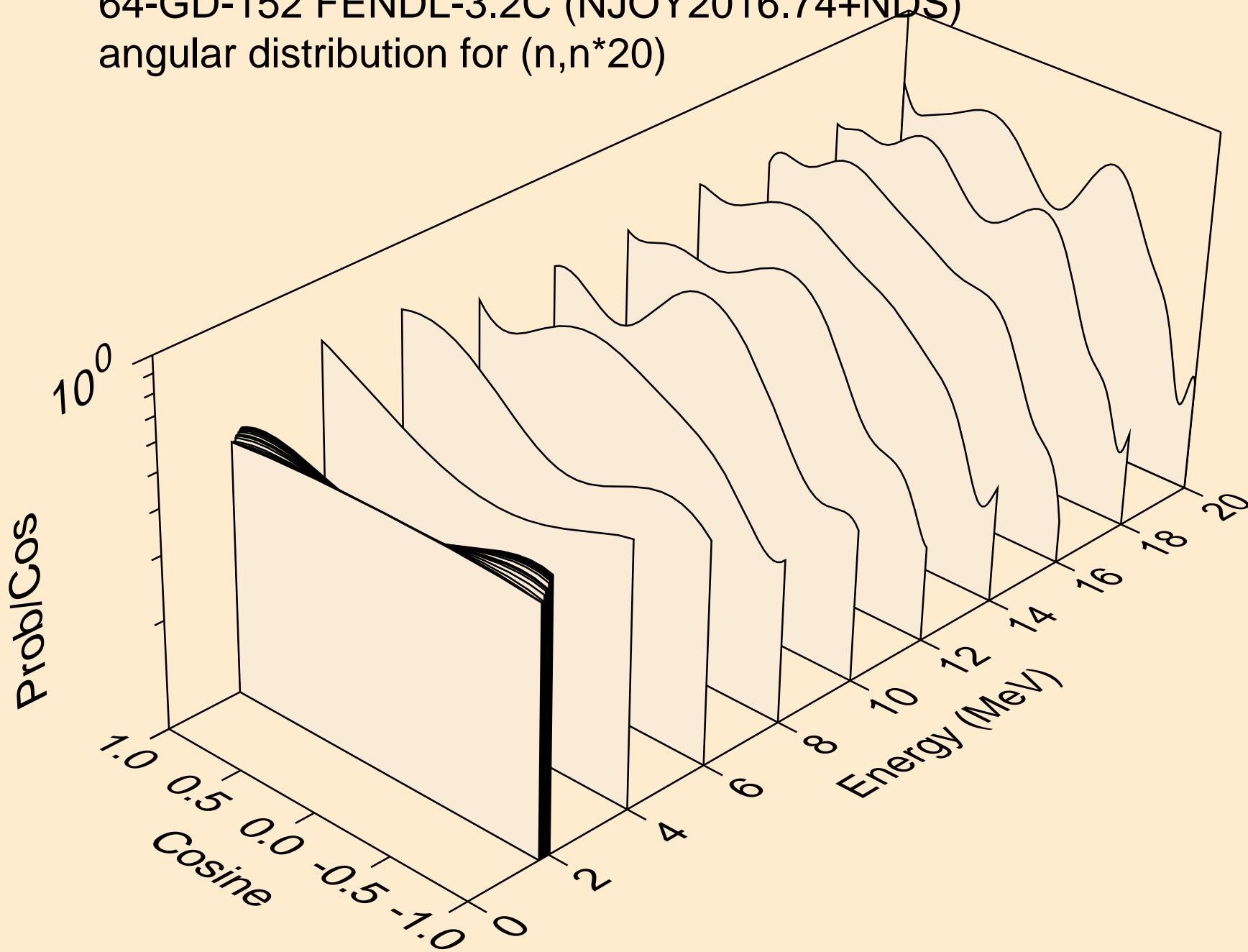
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*19)



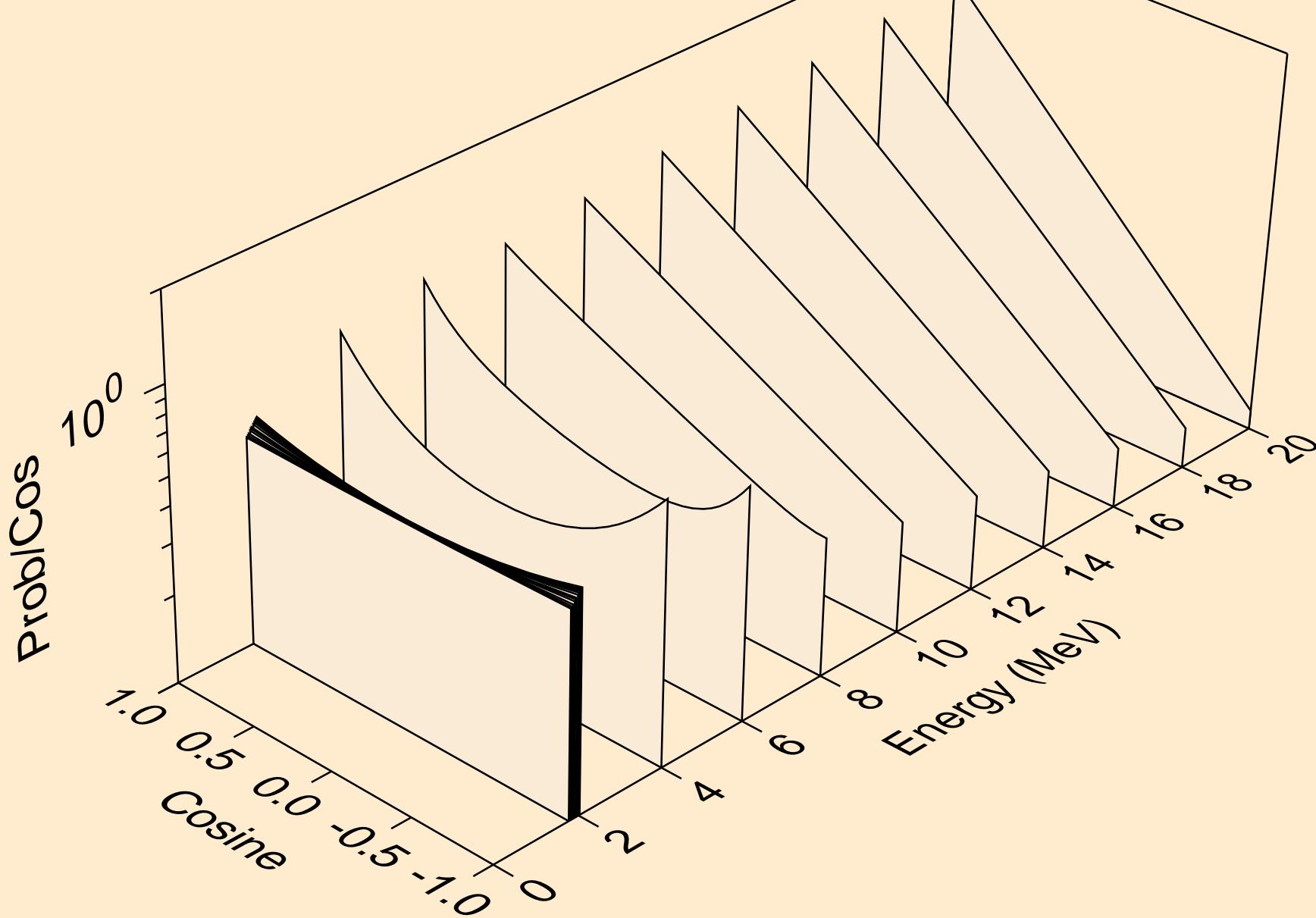
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*20)$



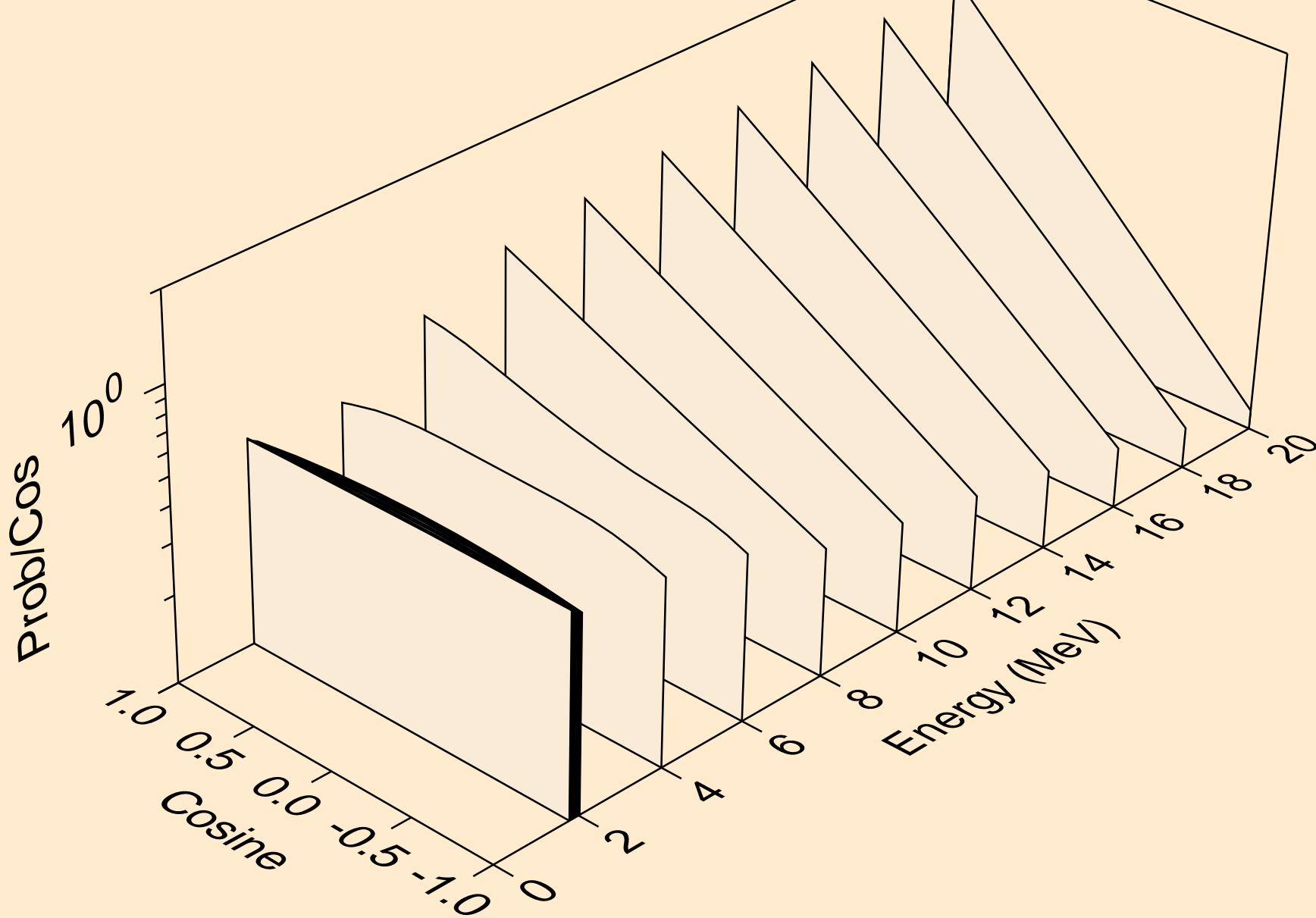
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

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



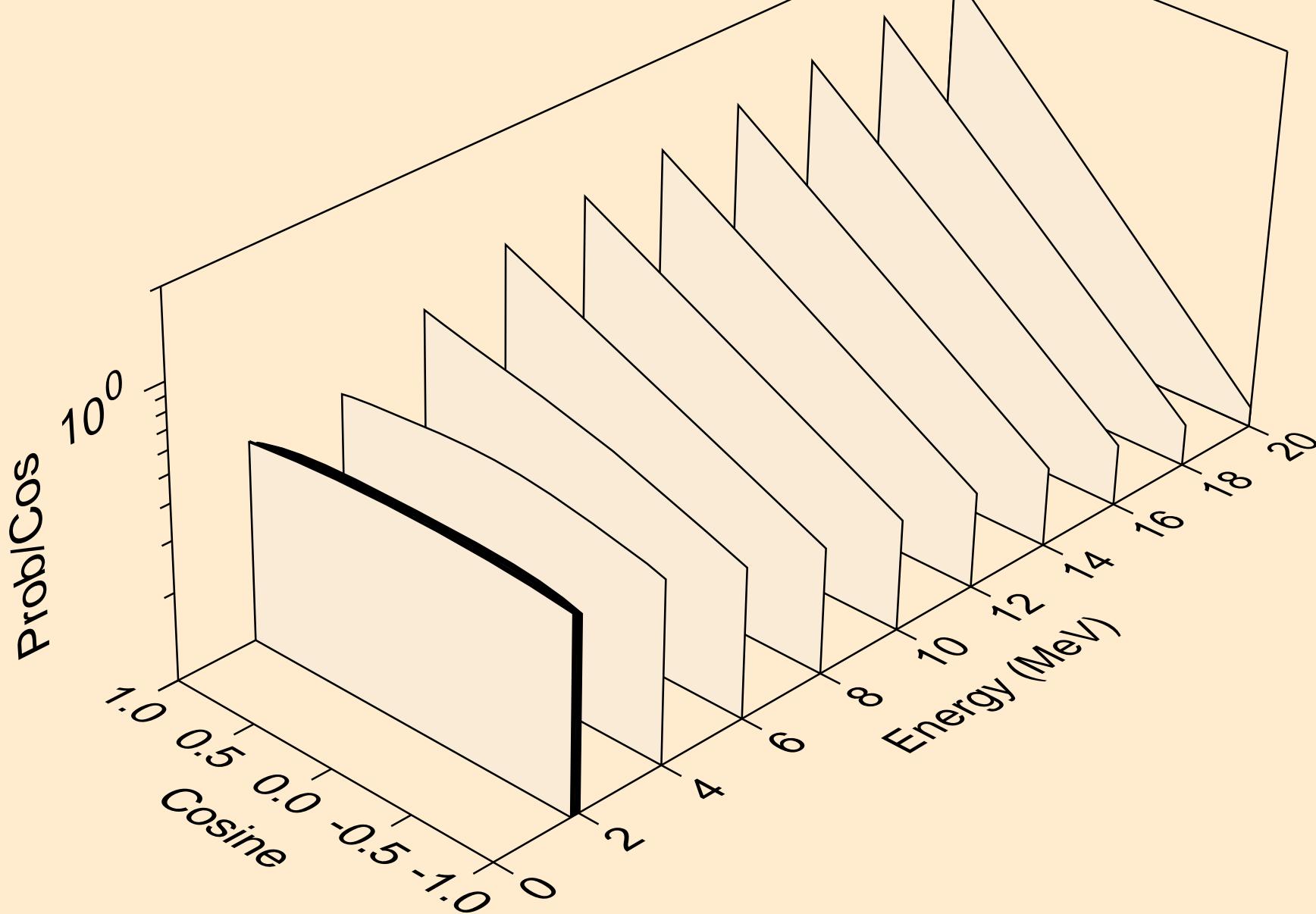
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*22)



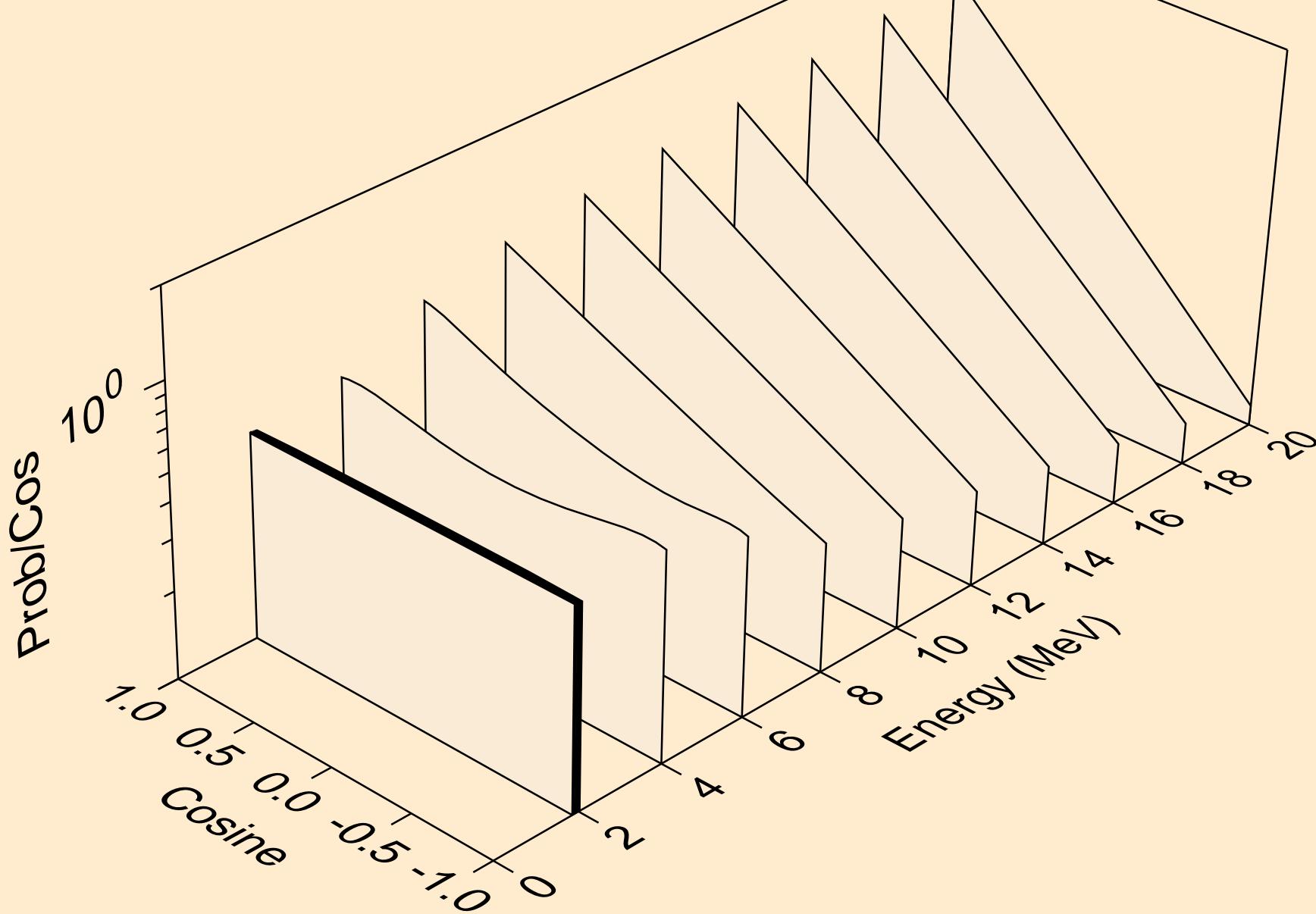
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*23)



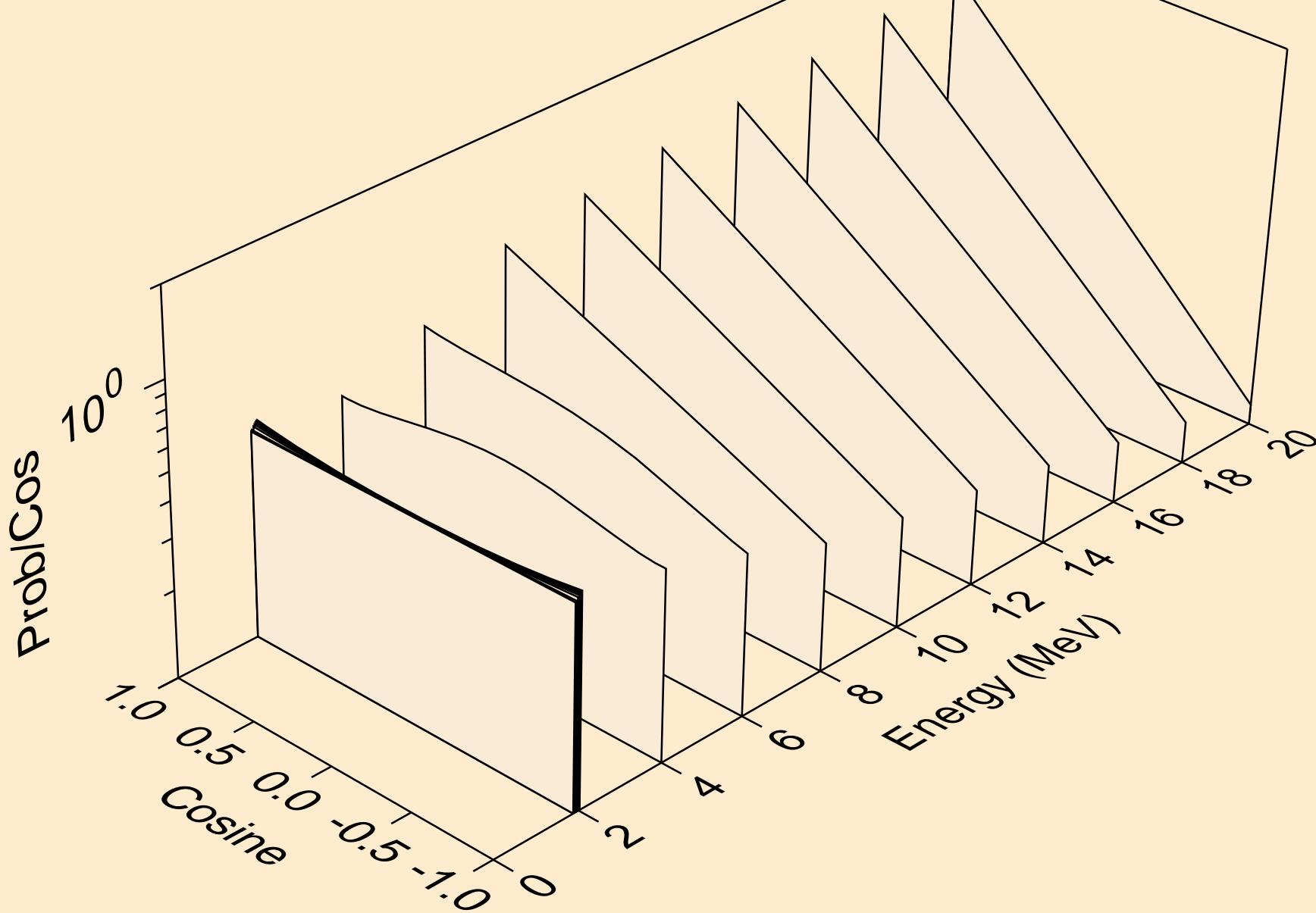
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*24)$



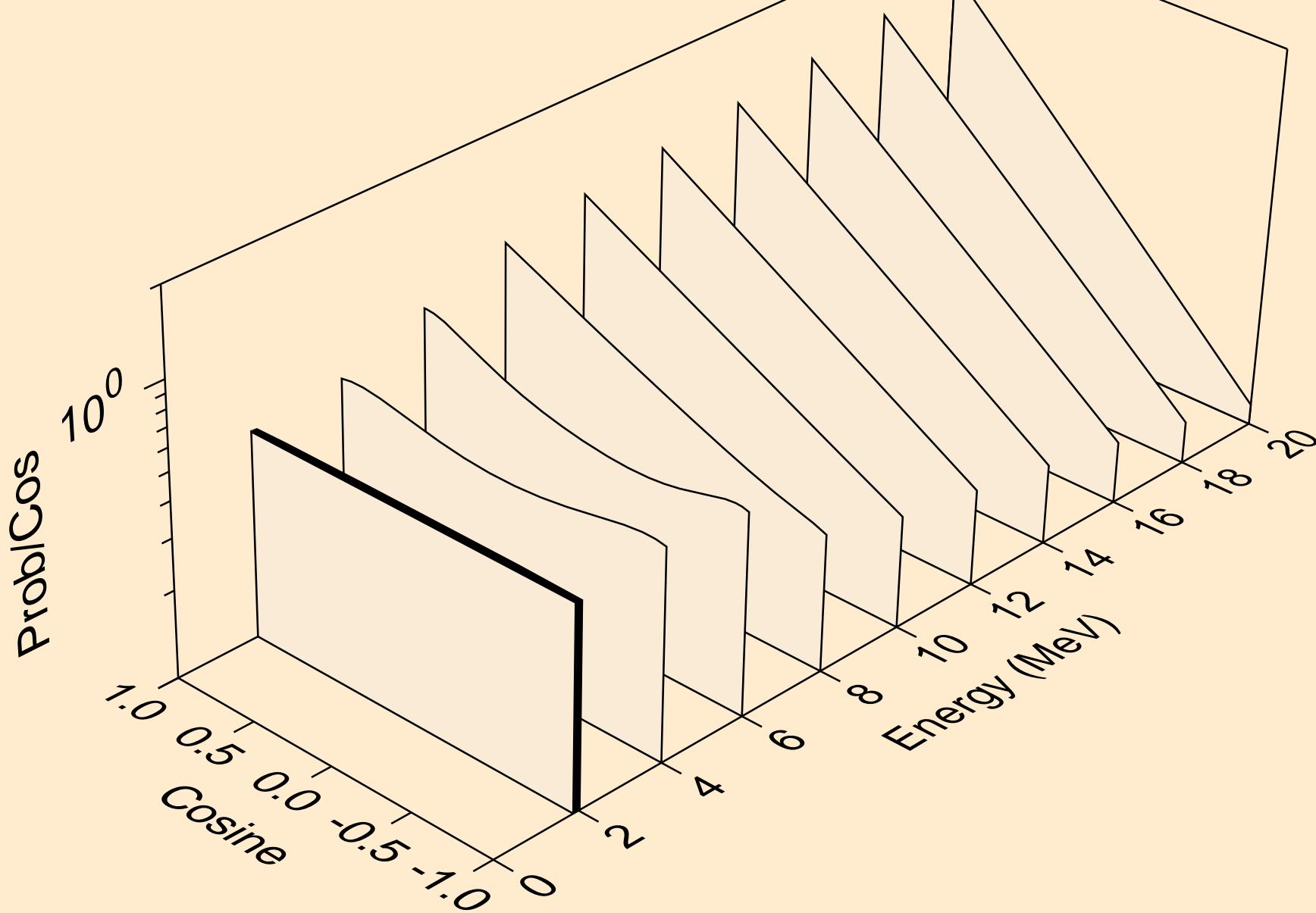
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*25)



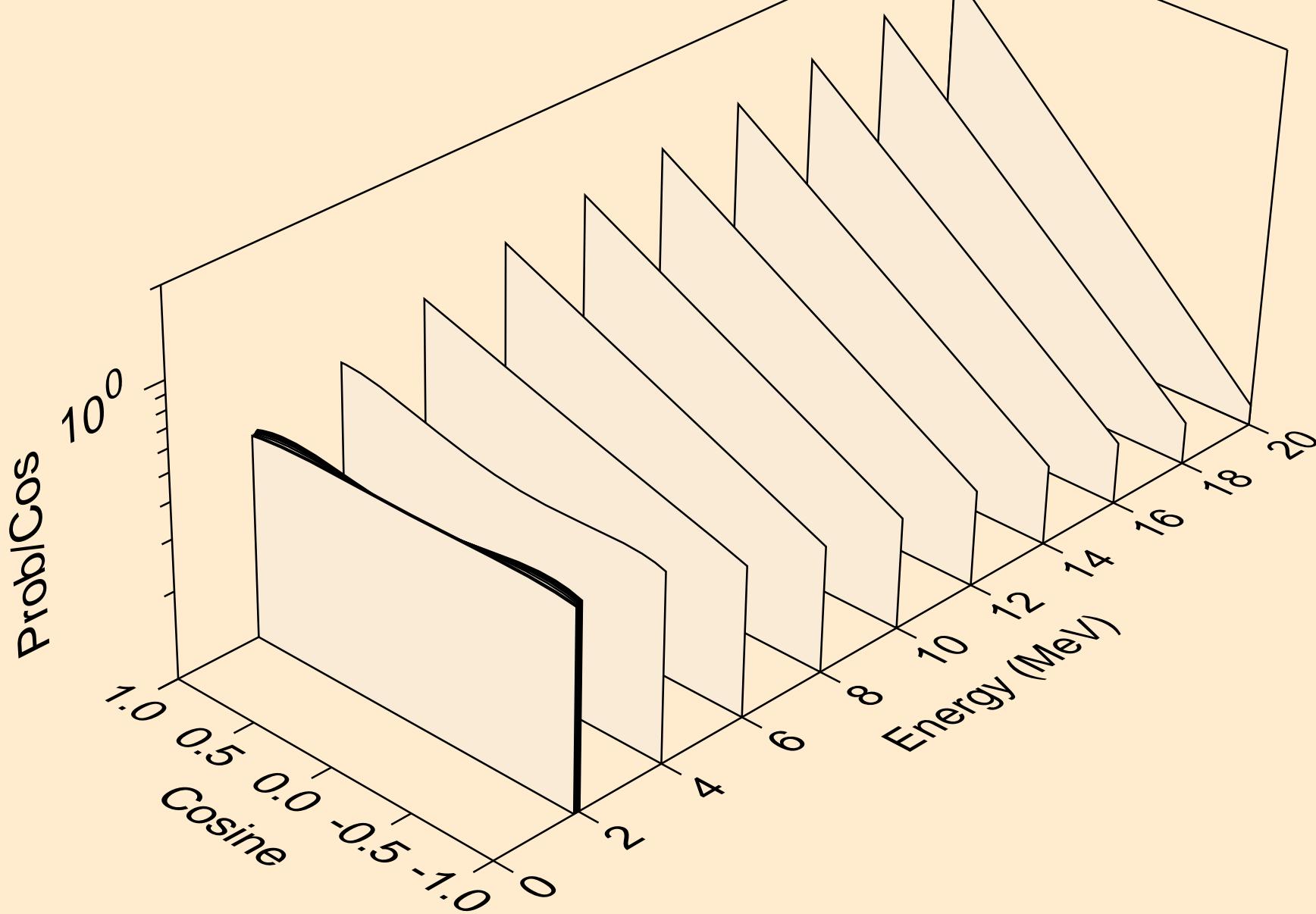
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*26)$



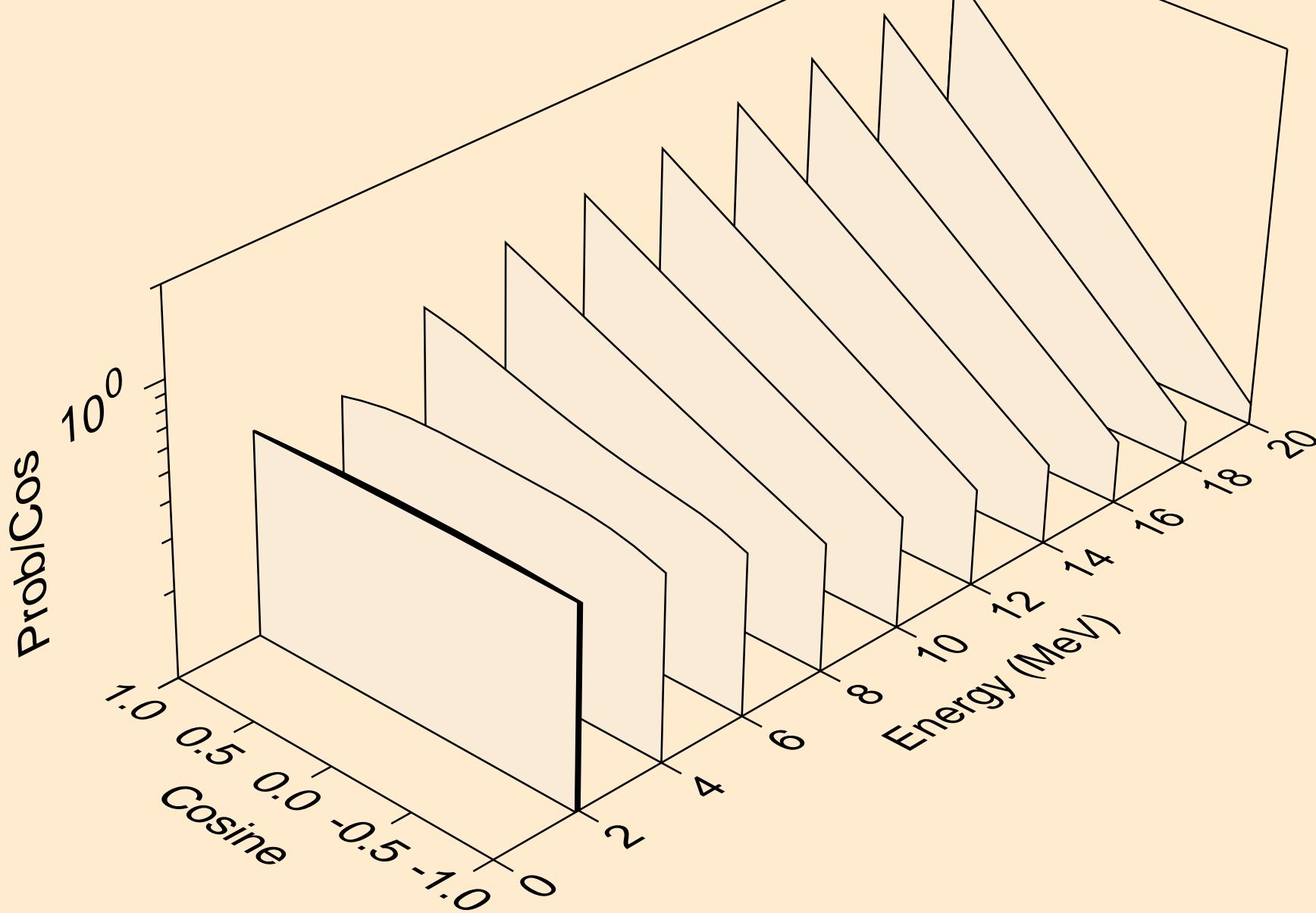
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*27)$



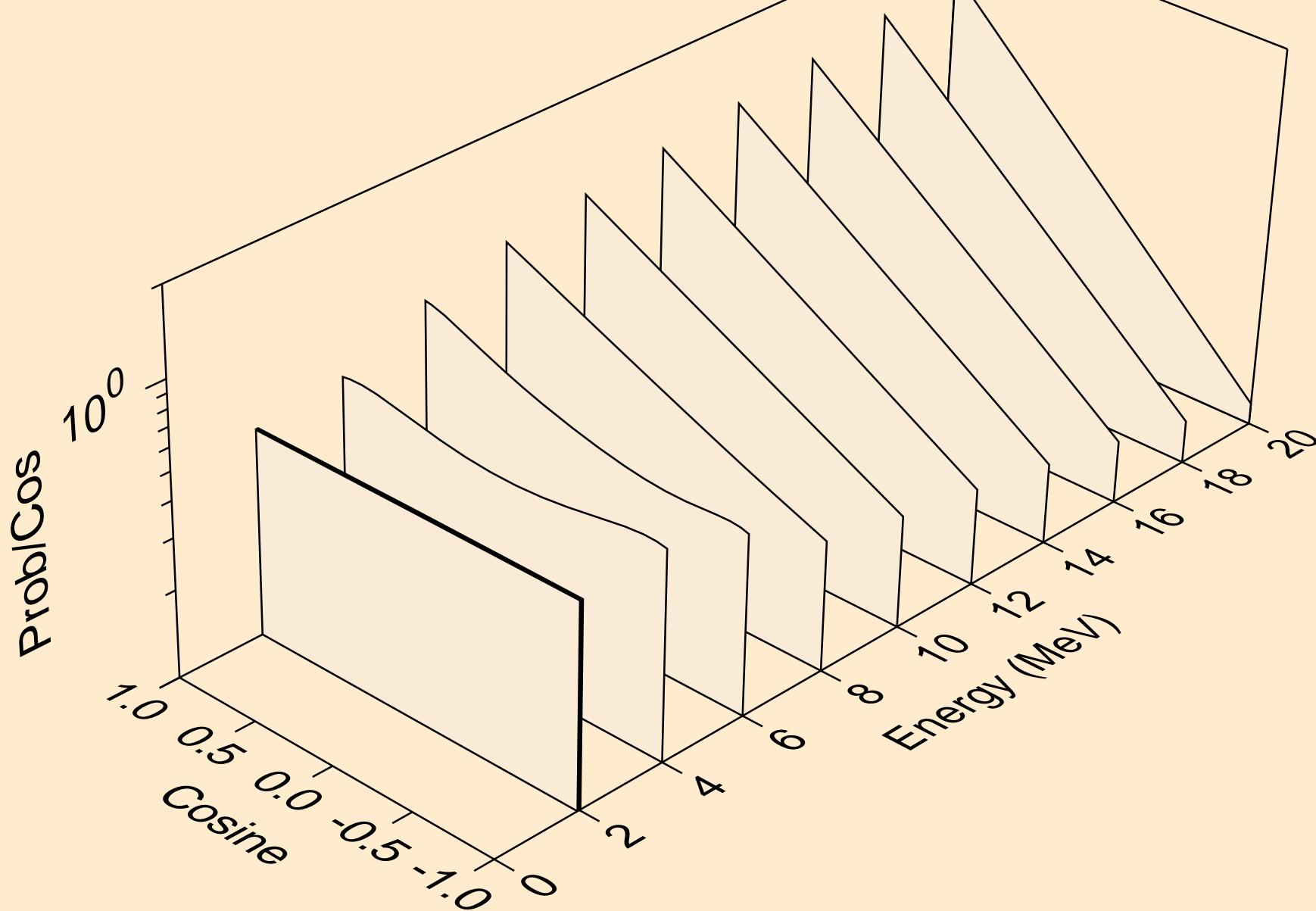
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*)^{28}$



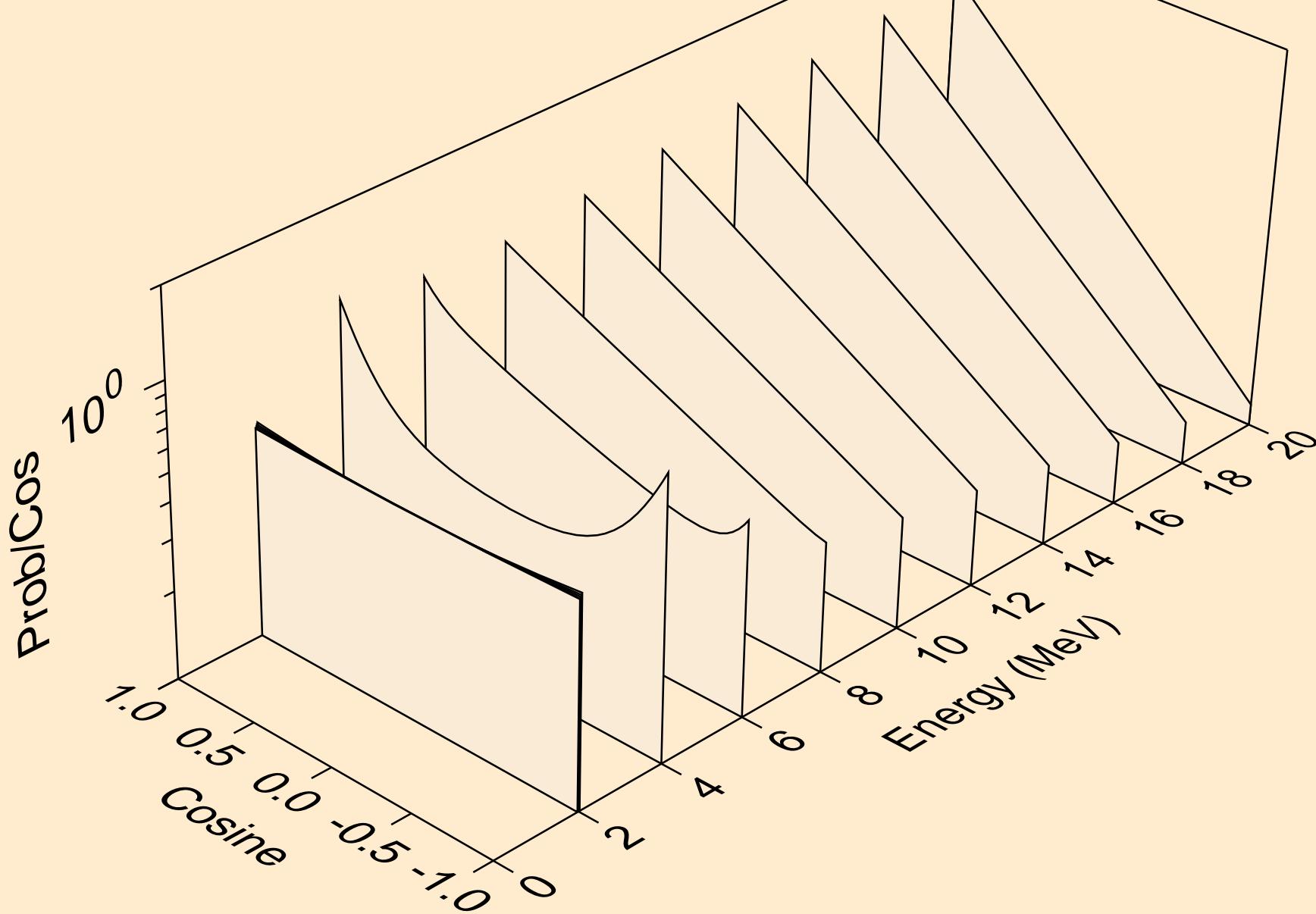
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

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



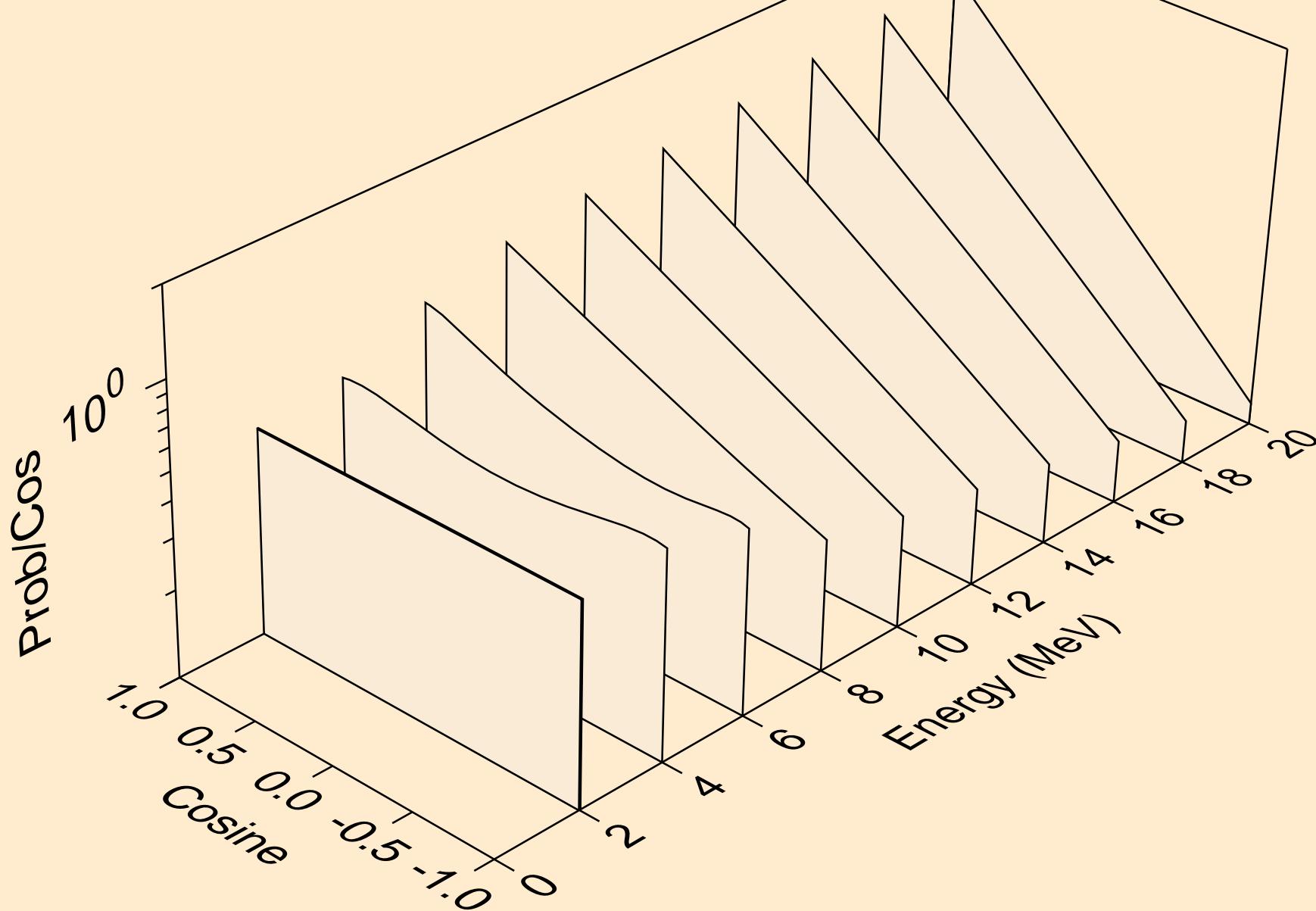
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for  $(n,n^*30)$



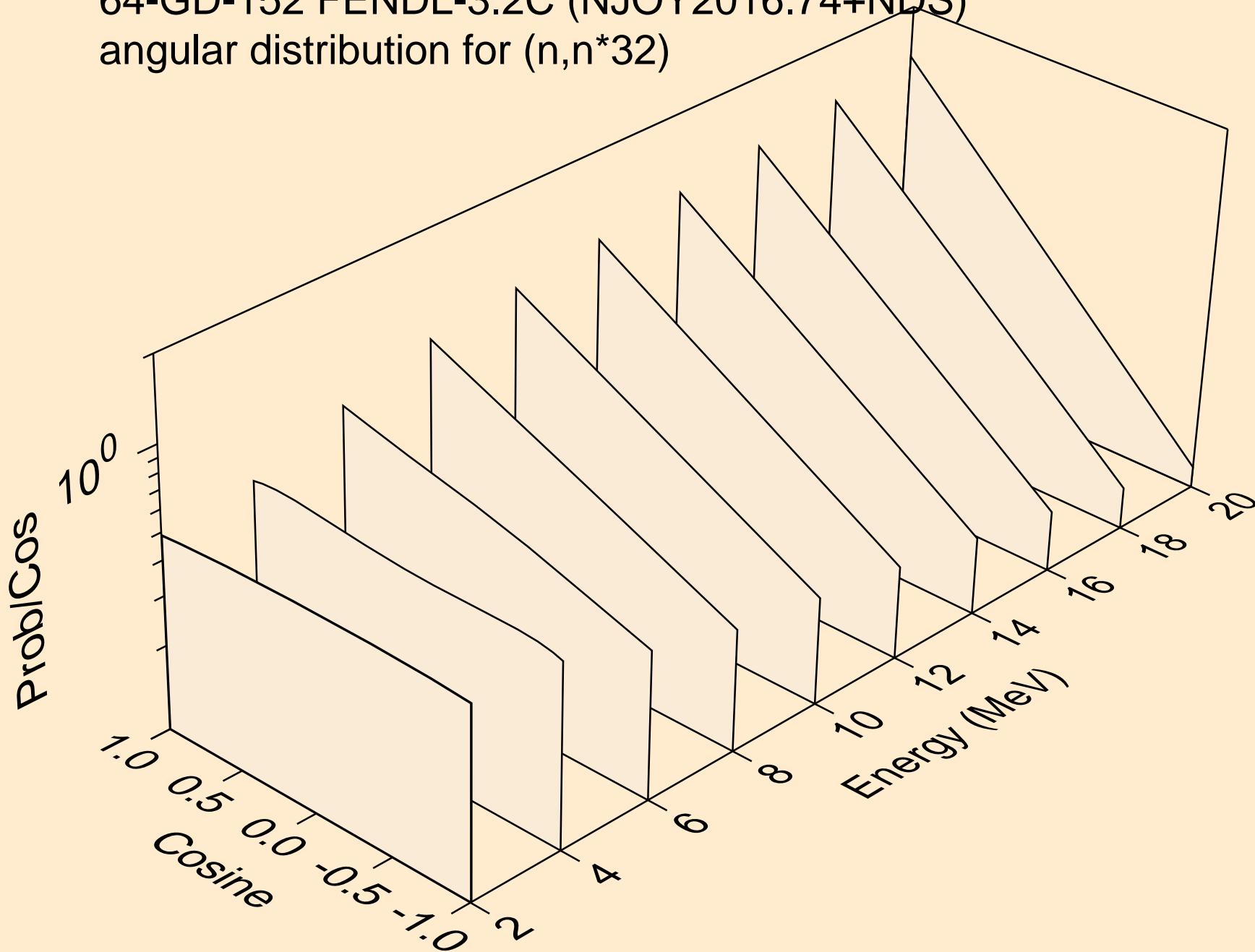
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*31)



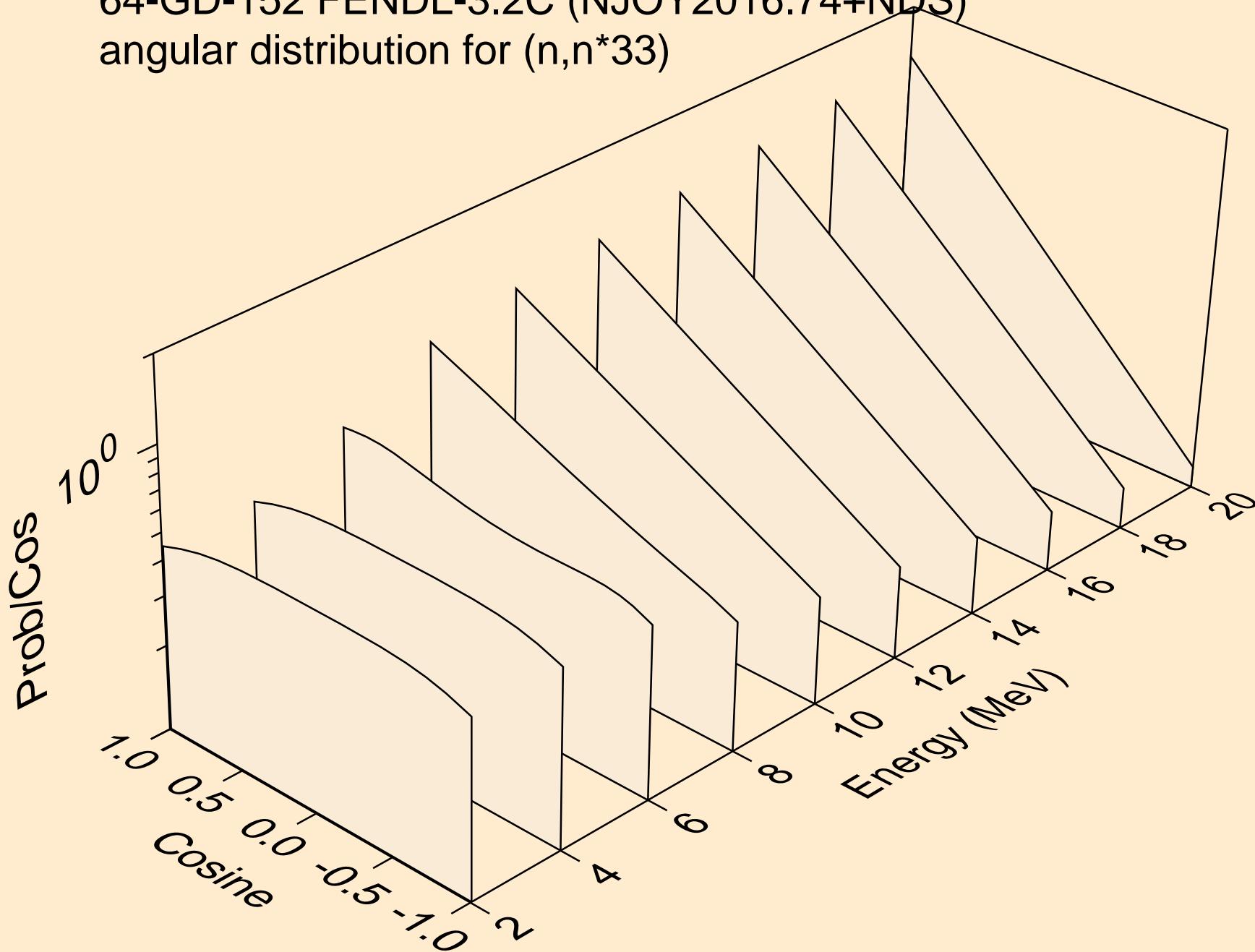
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*32)



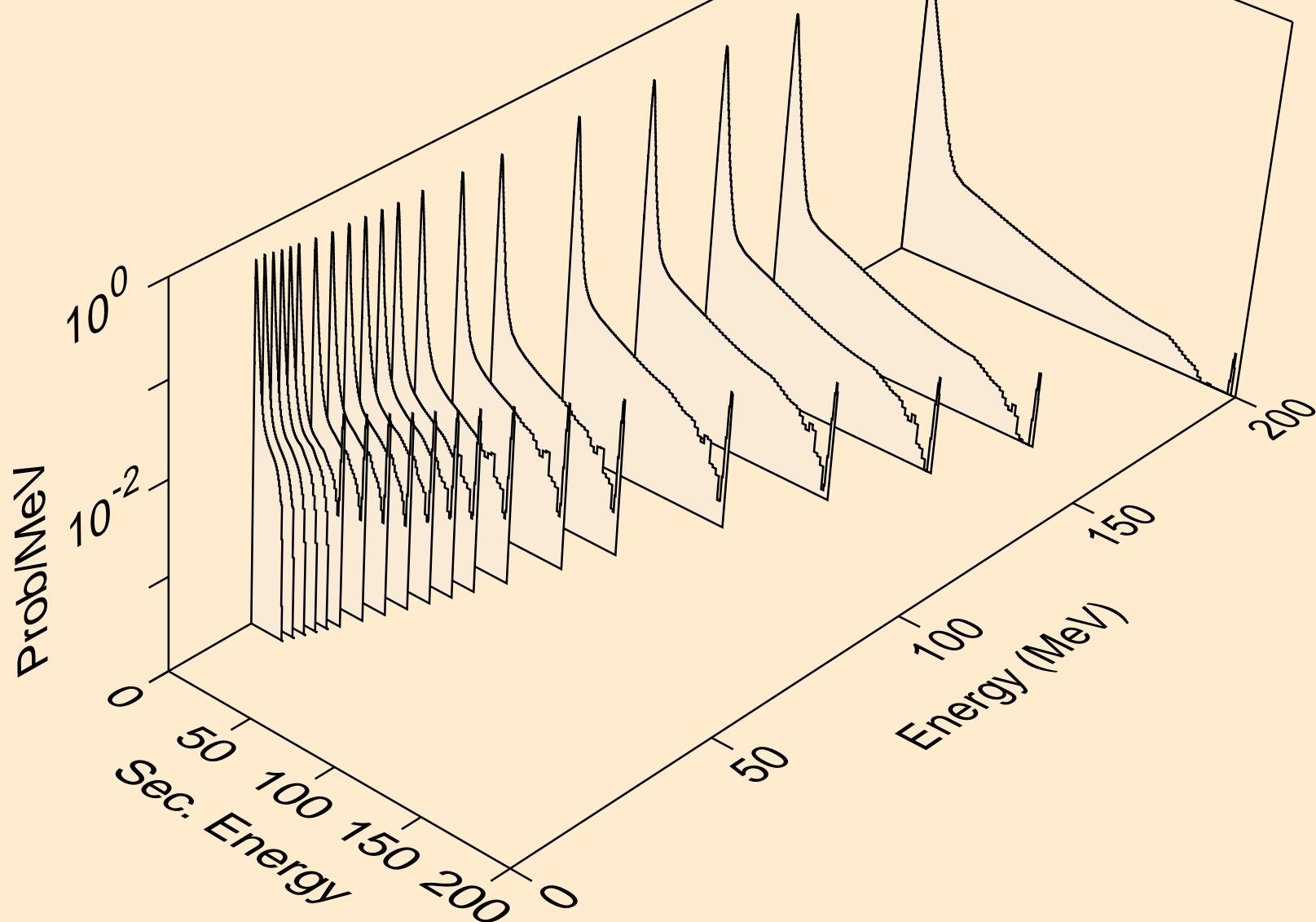
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

angular distribution for (n,n\*33)



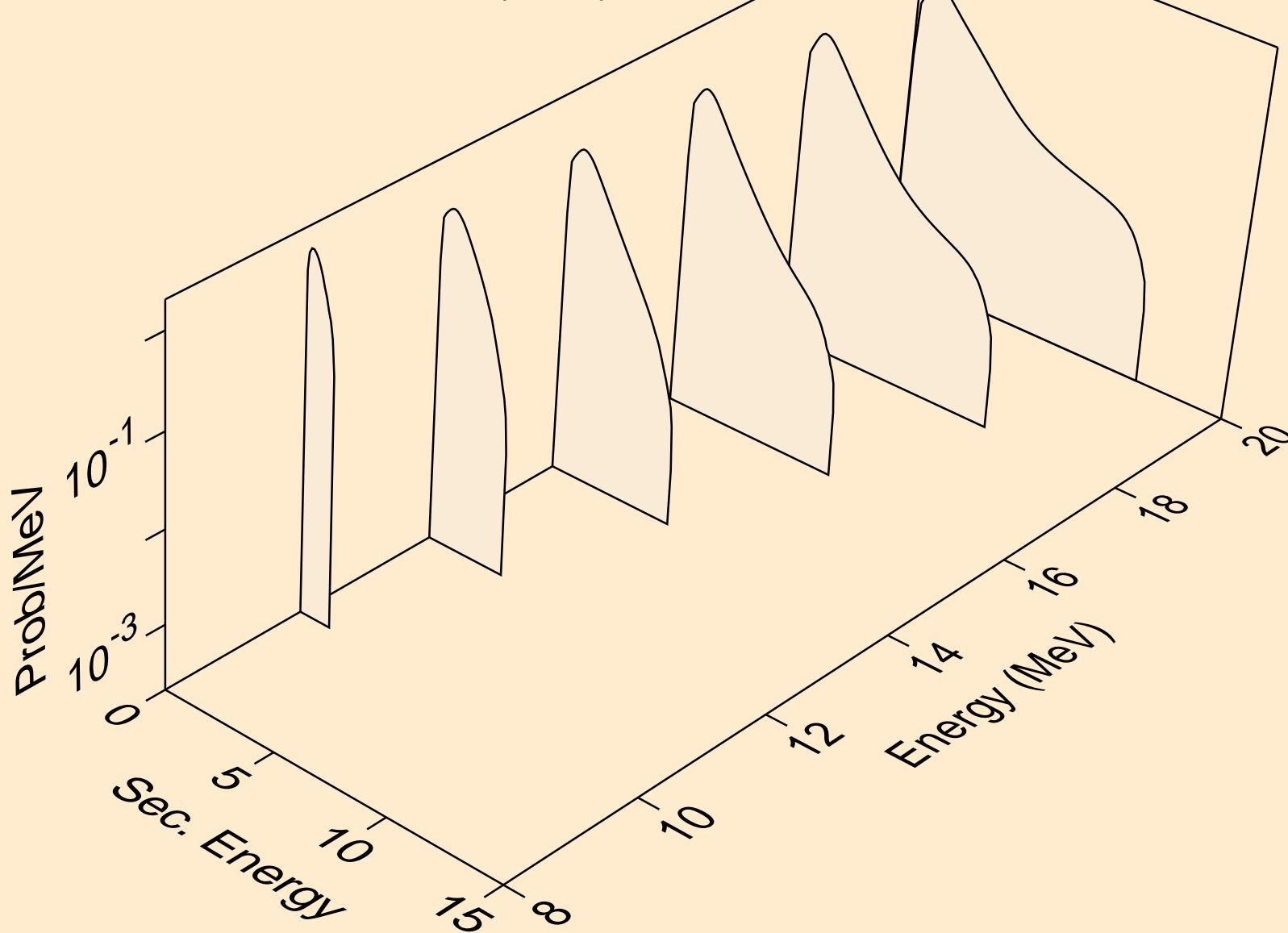
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,x)



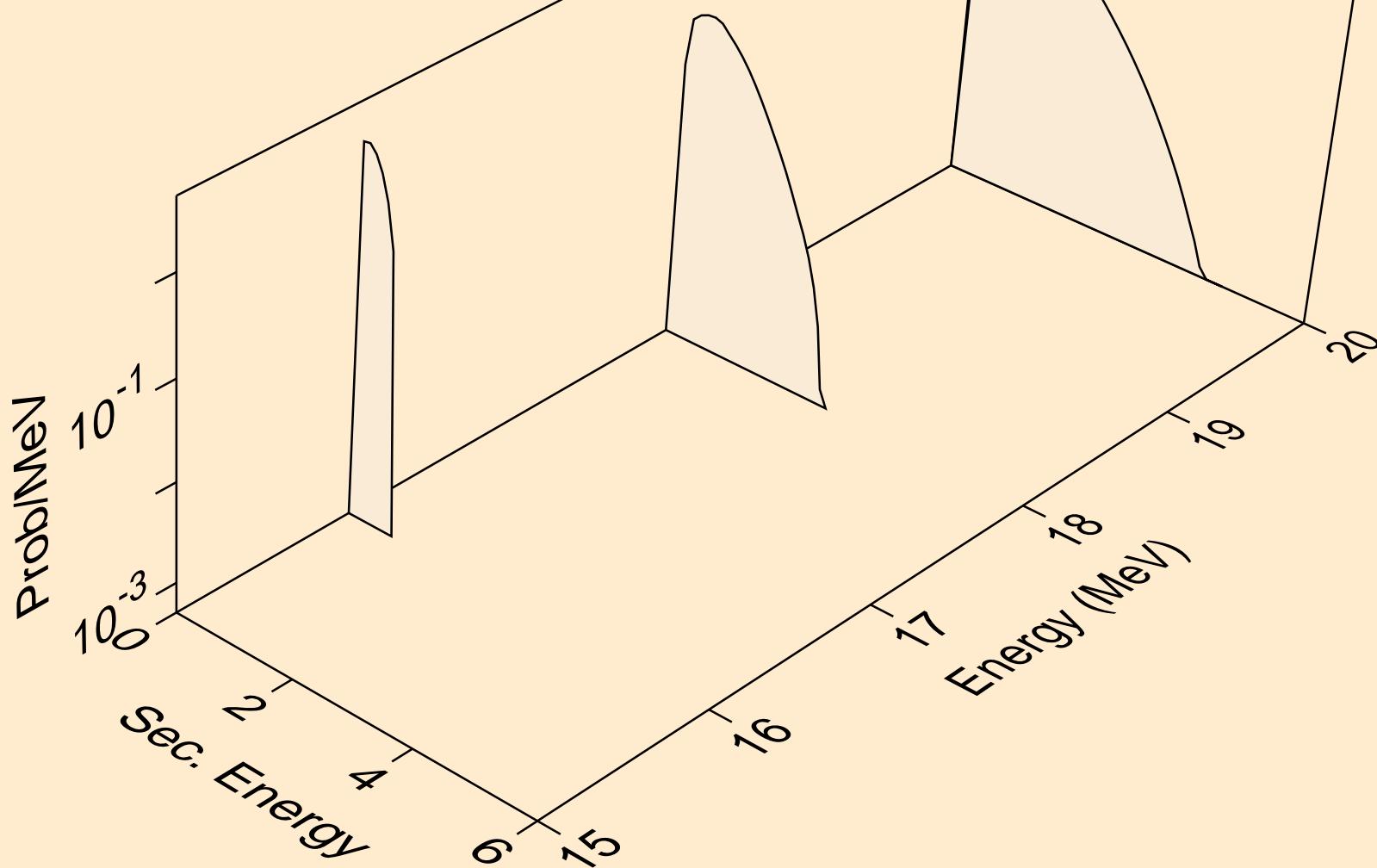
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,2n)



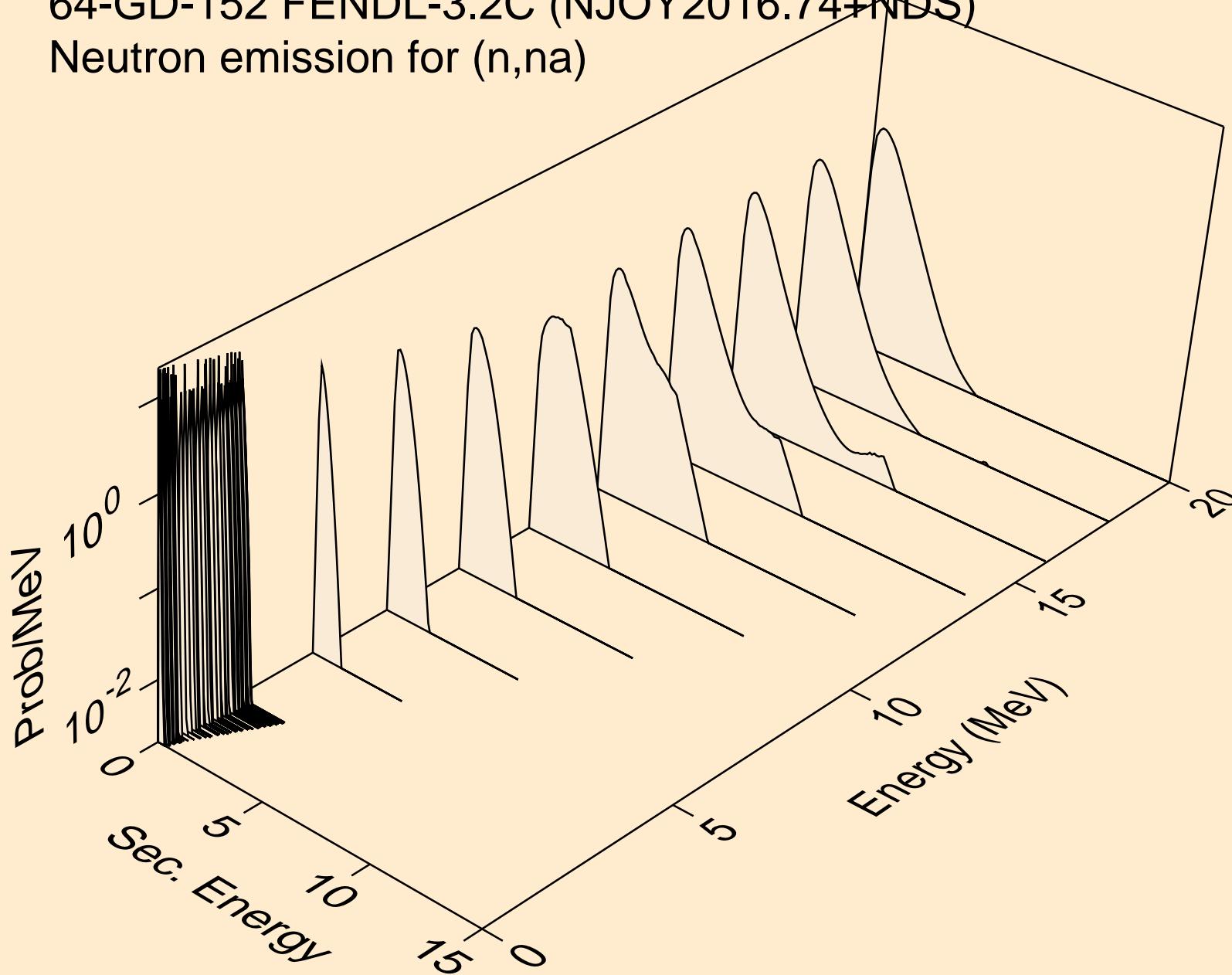
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,3n)



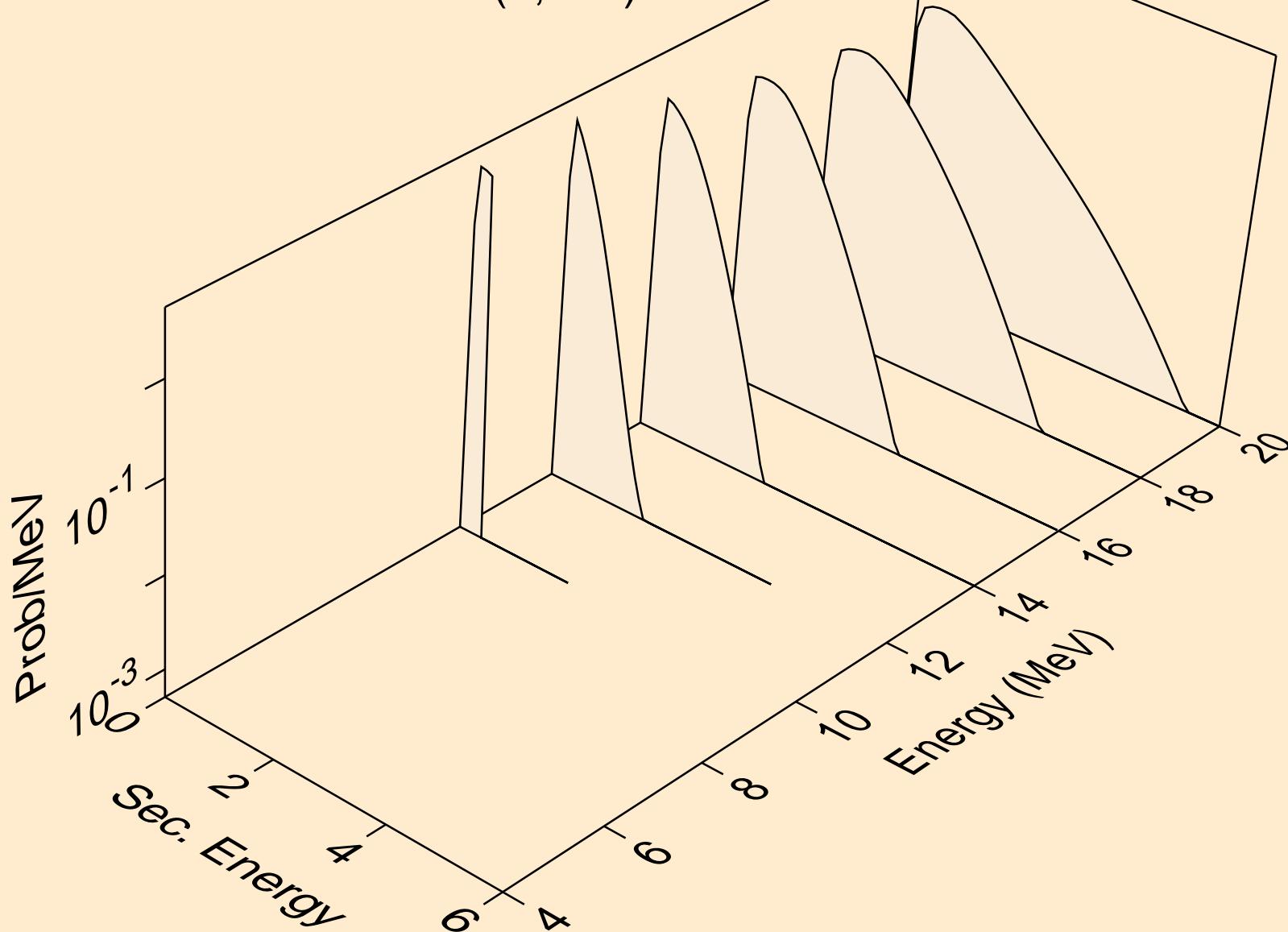
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,na)



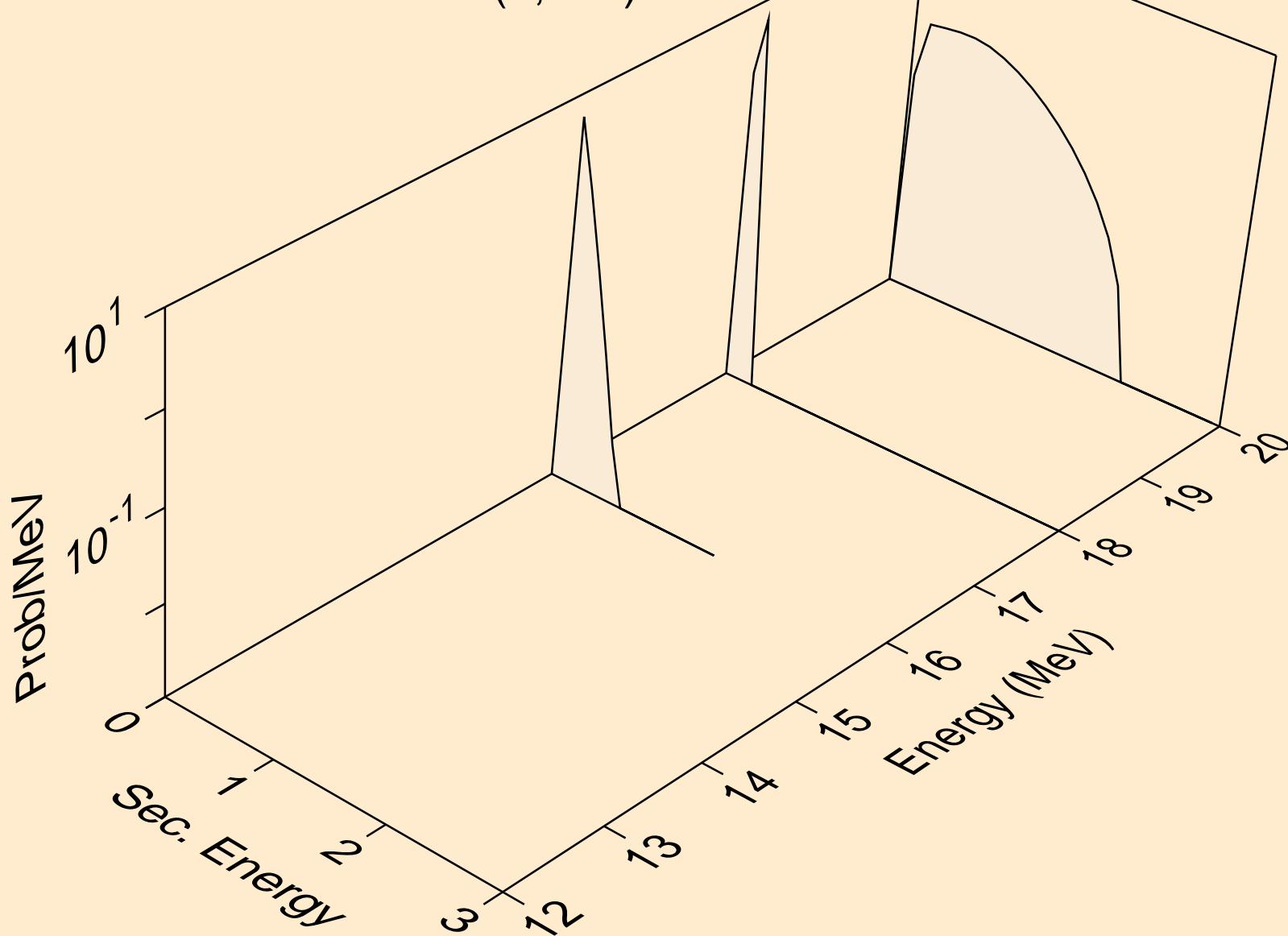
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,2na)



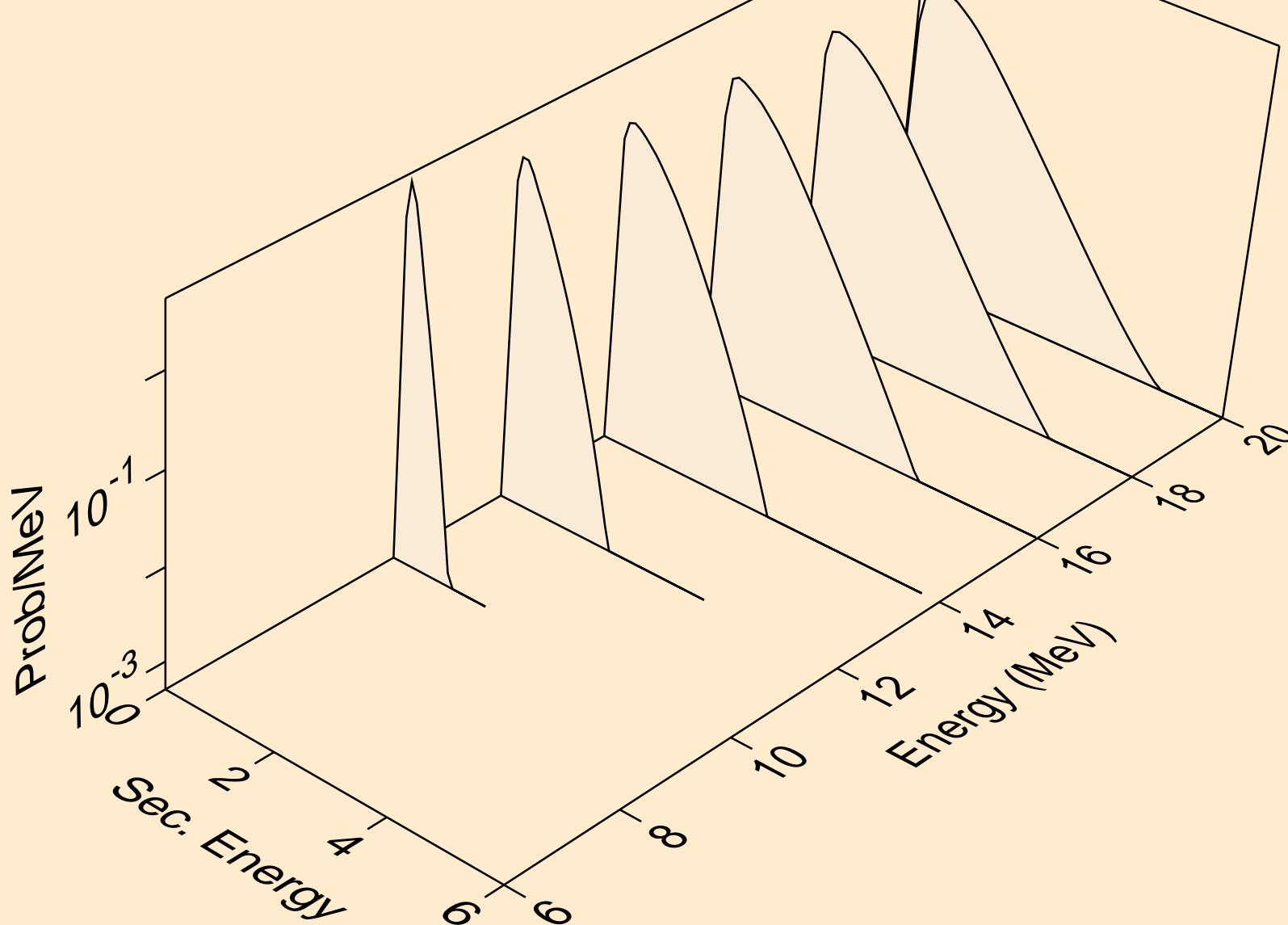
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,3na)



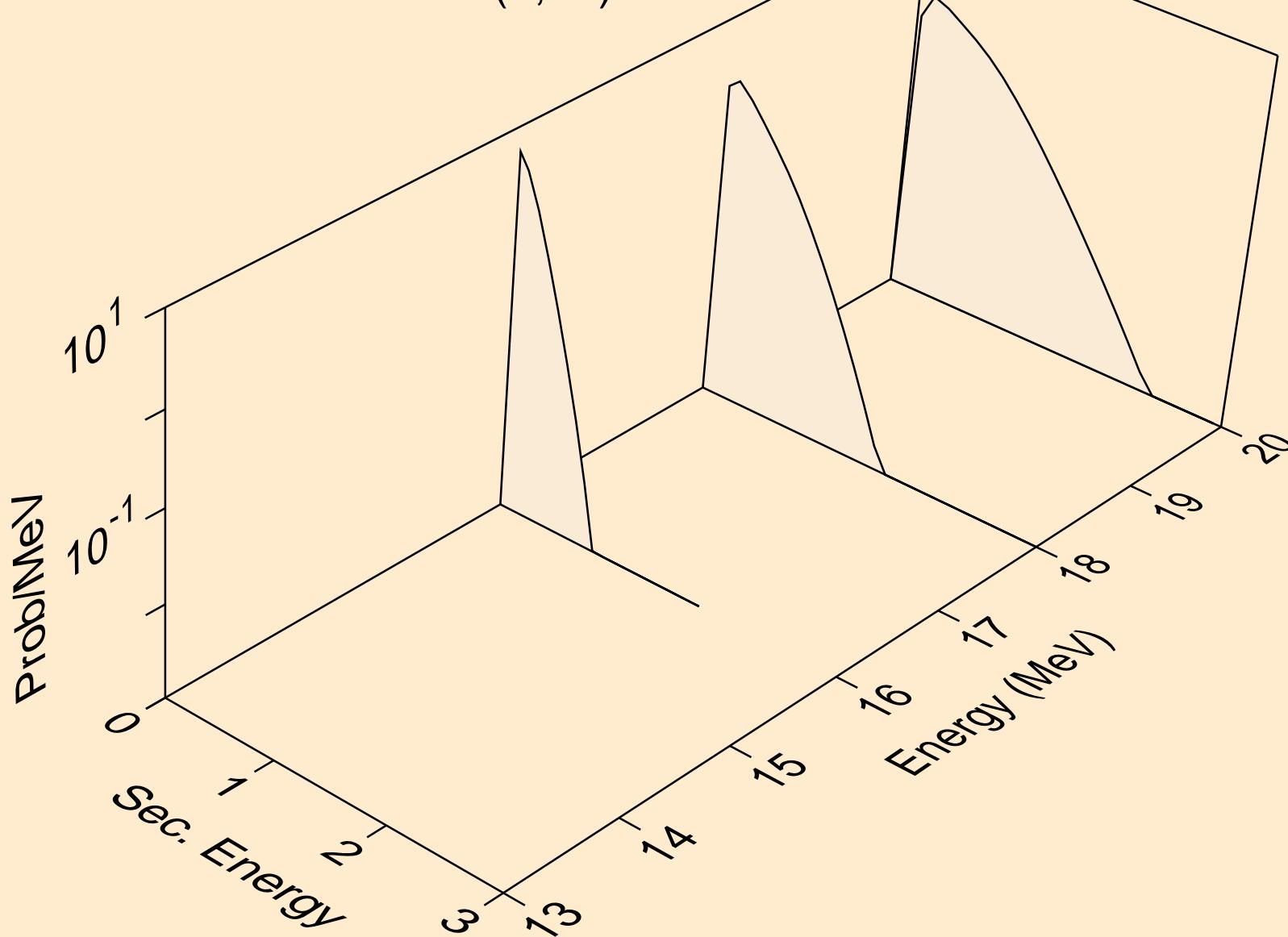
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,np)



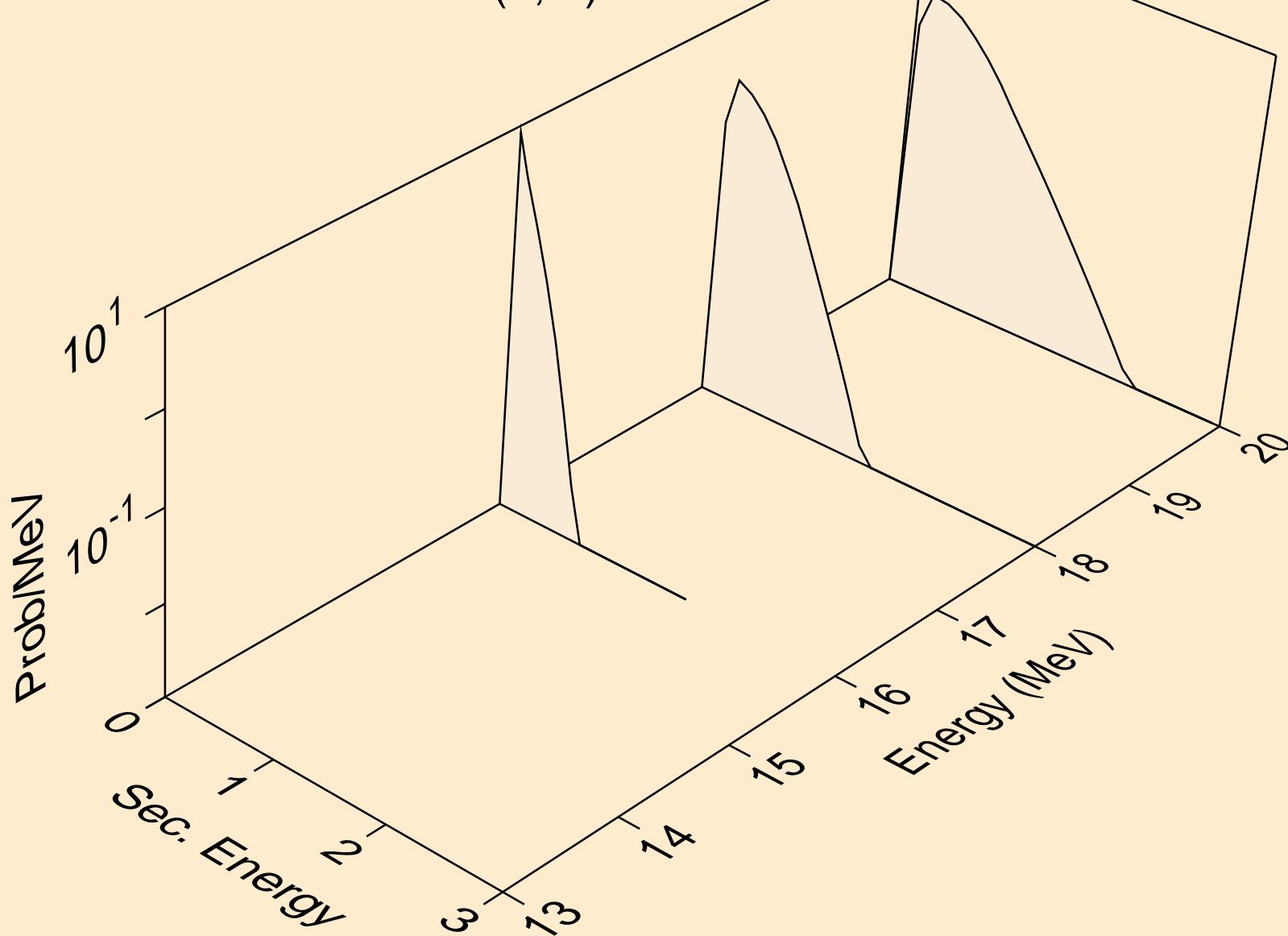
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,nd)

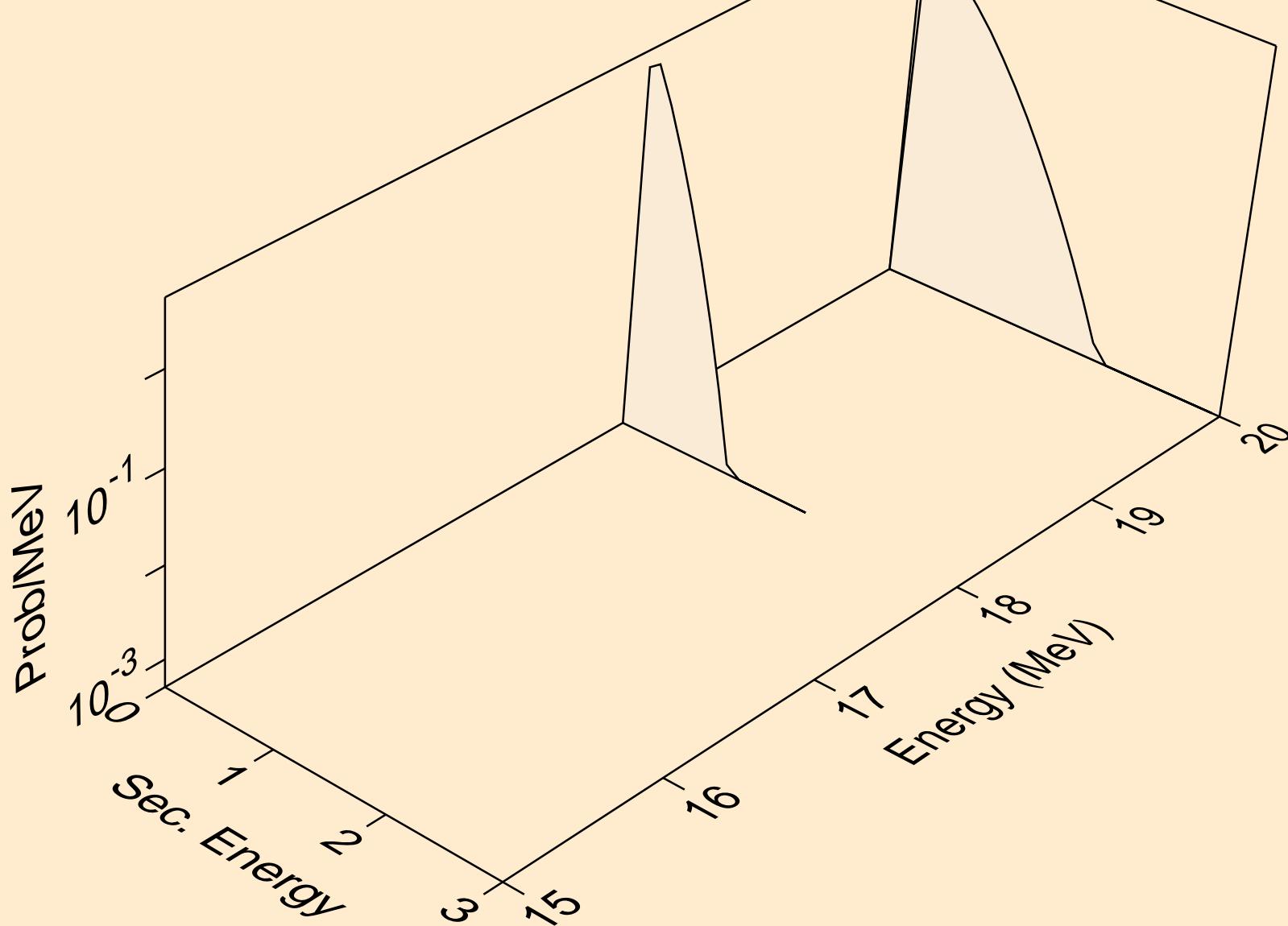


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,nt)

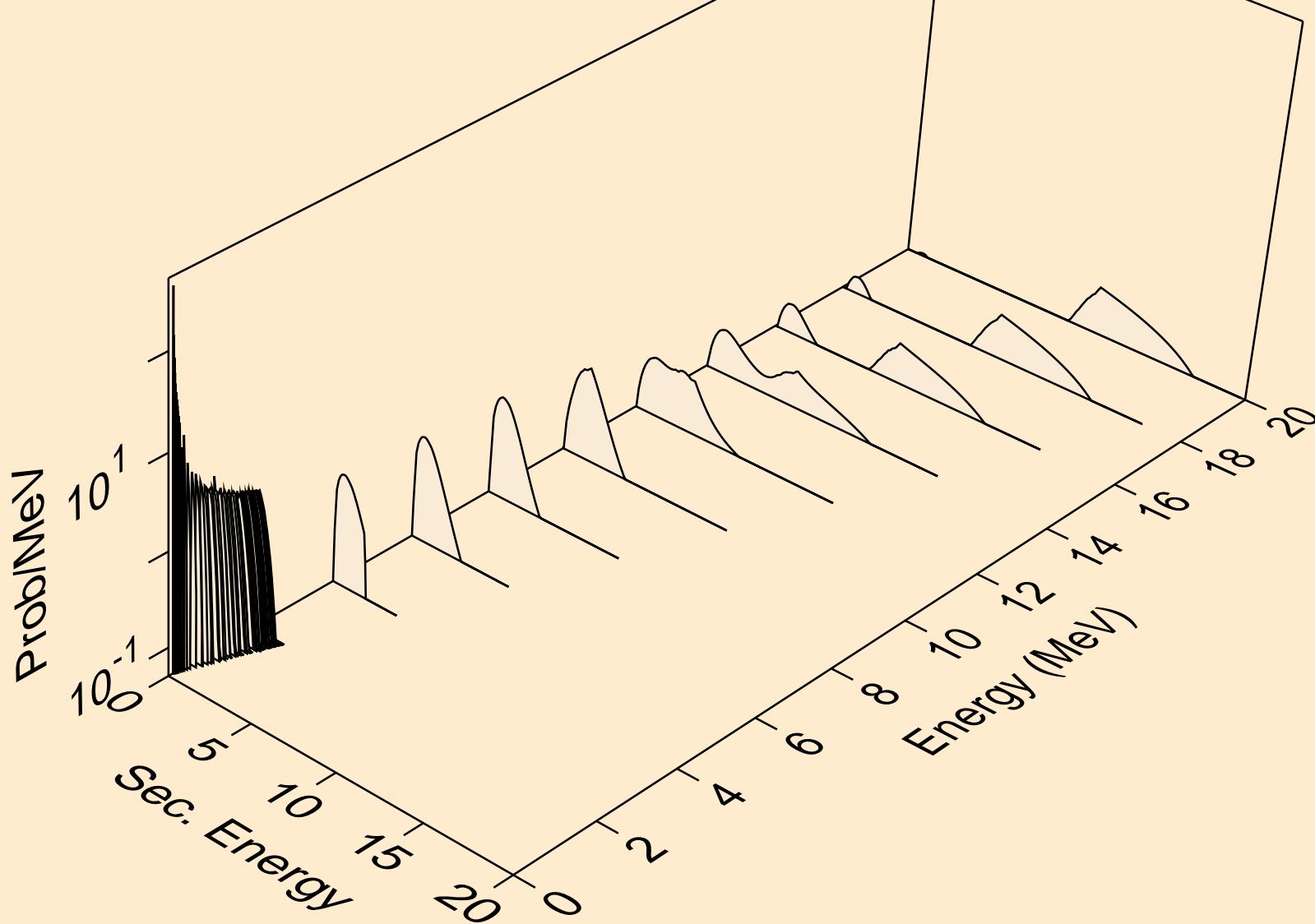


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Neutron emission for (n,2np)



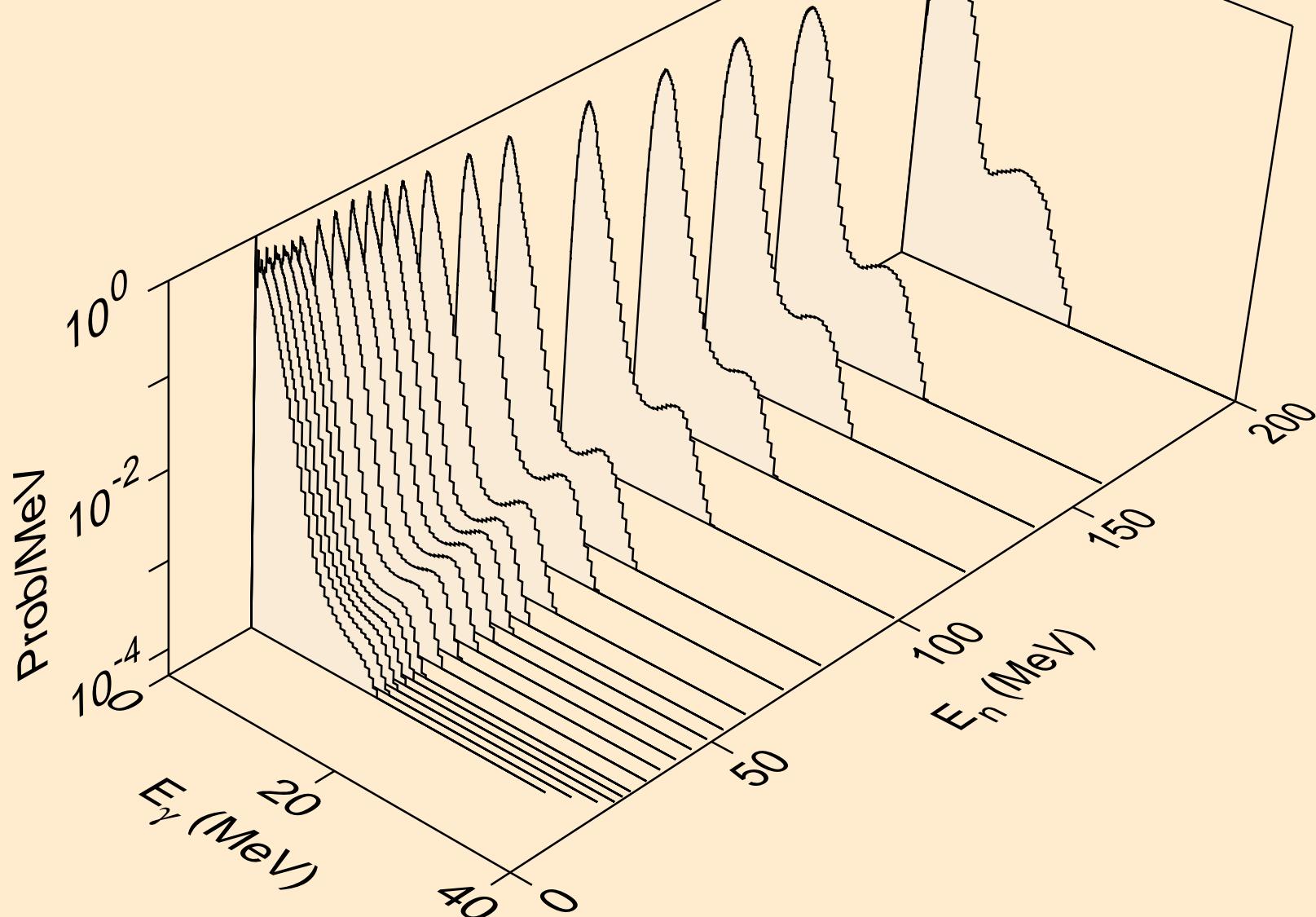
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,n\*c)



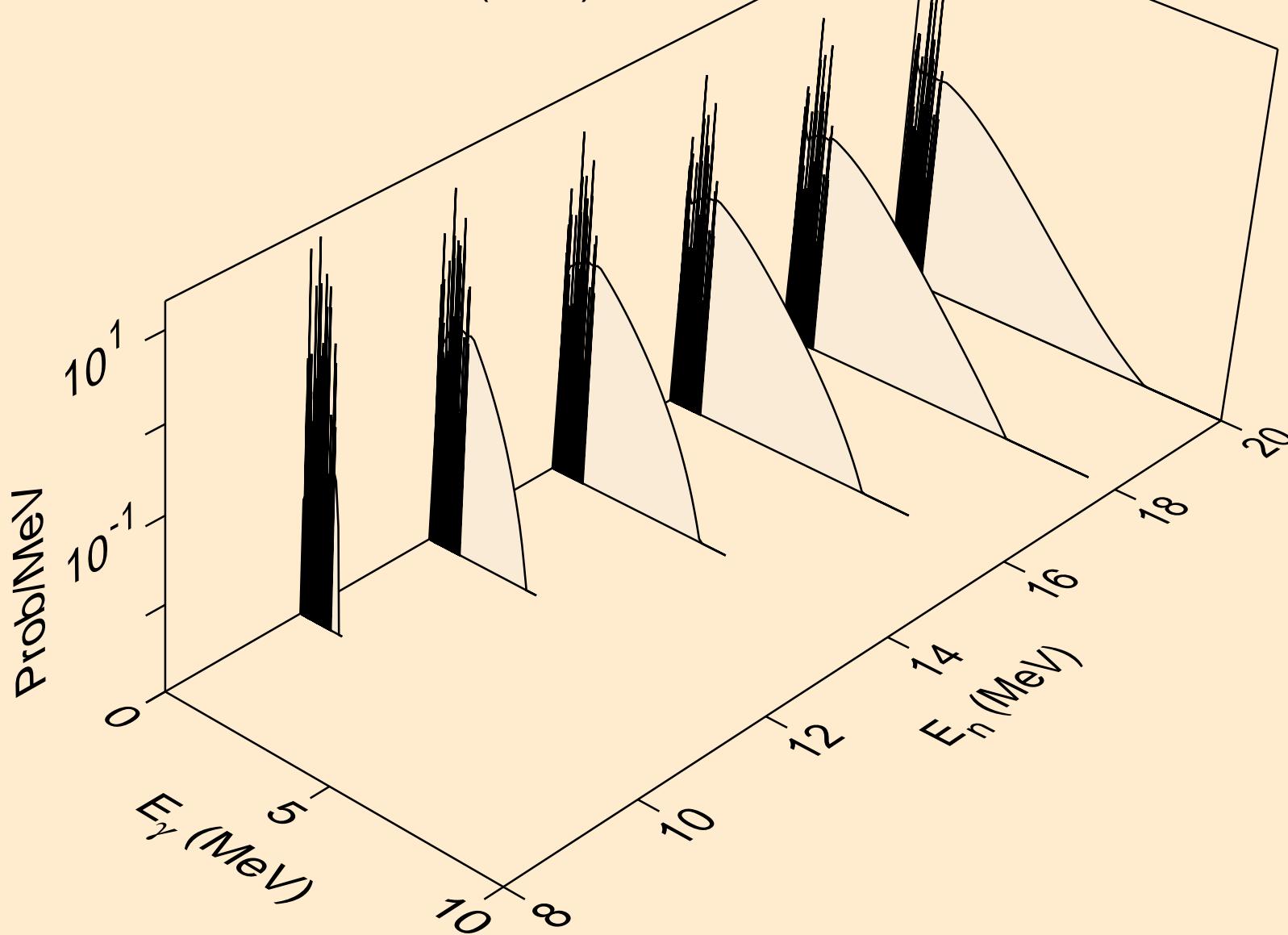
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,x)

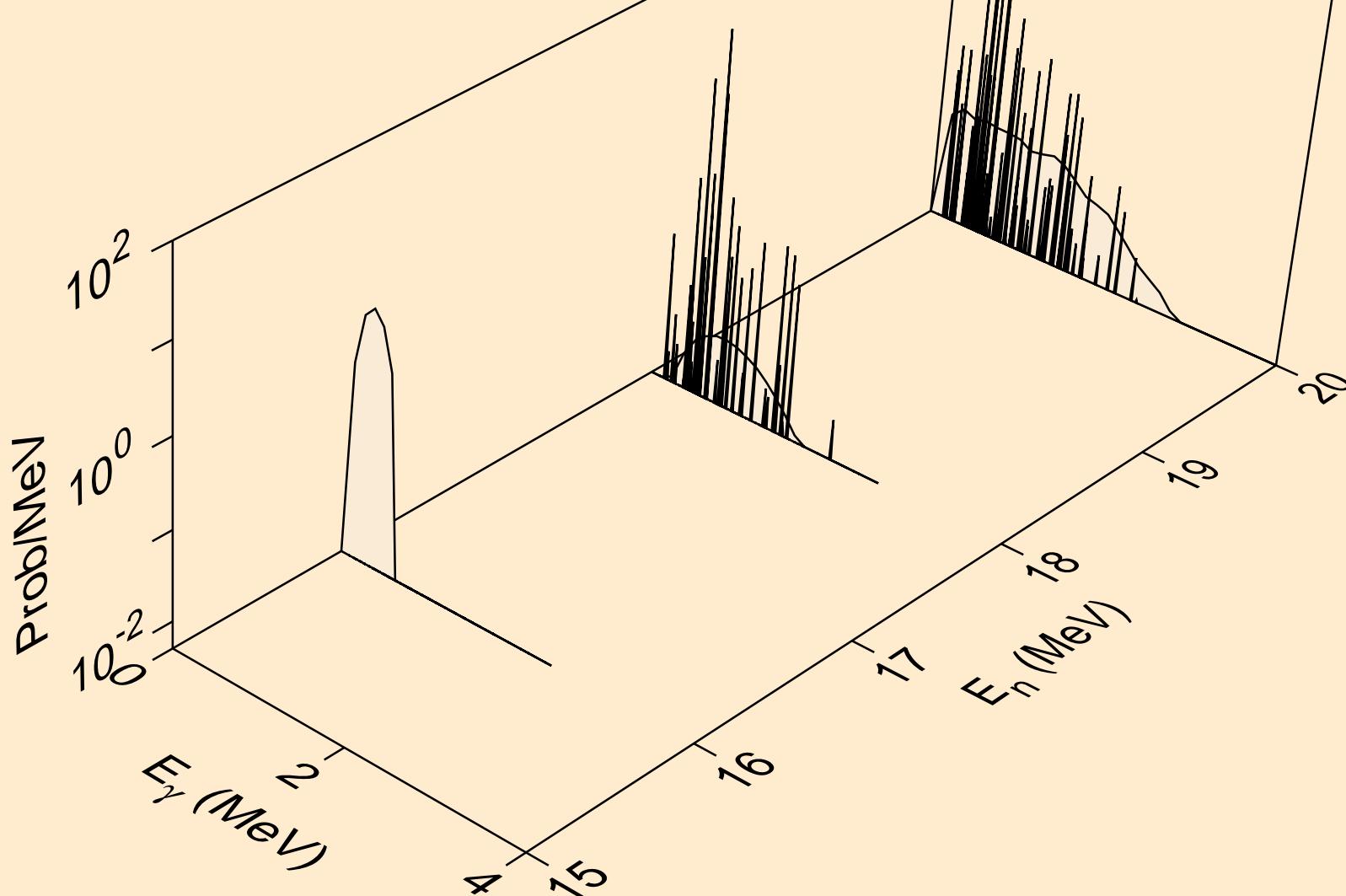


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,2n)

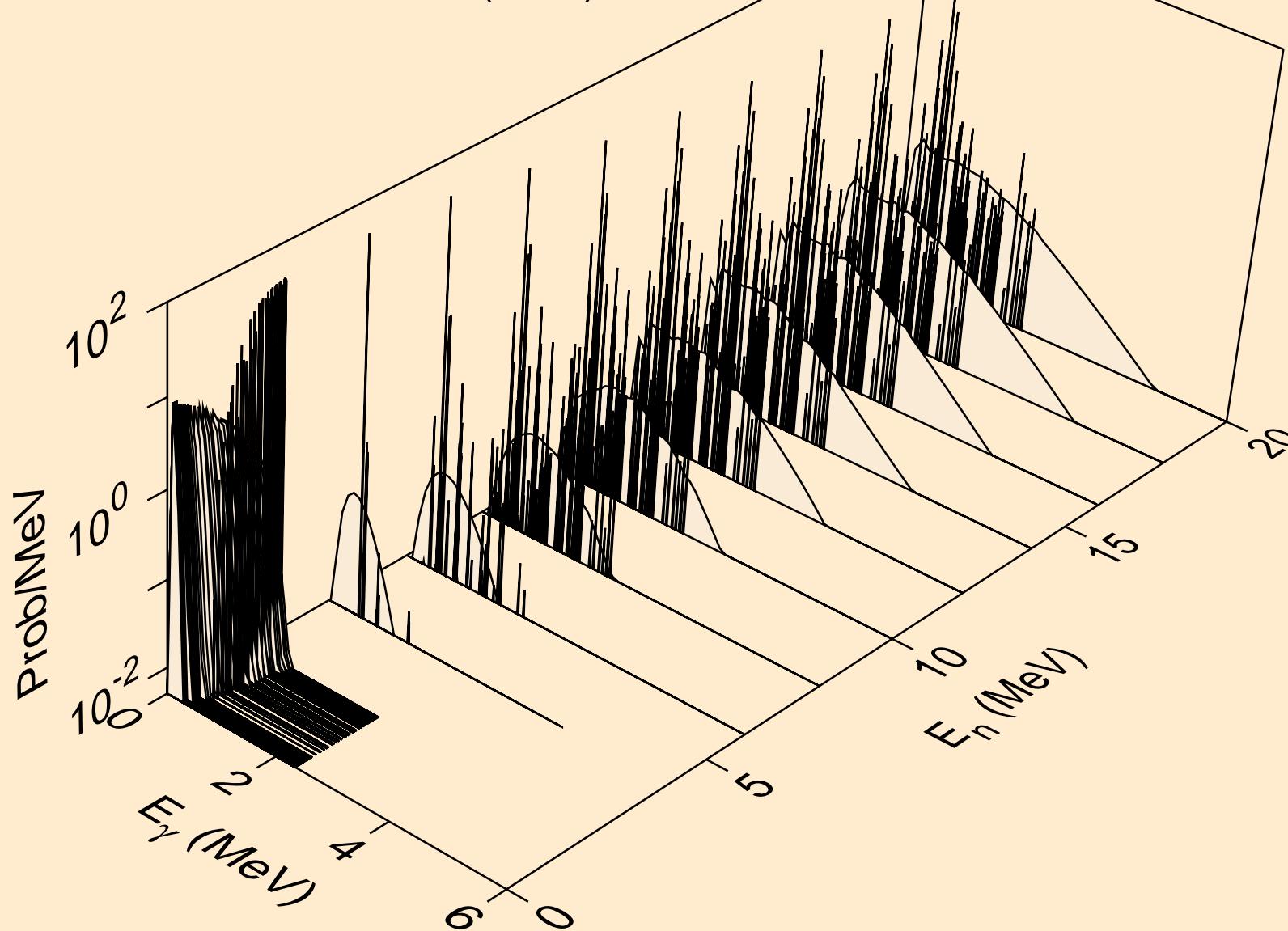


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,3n)



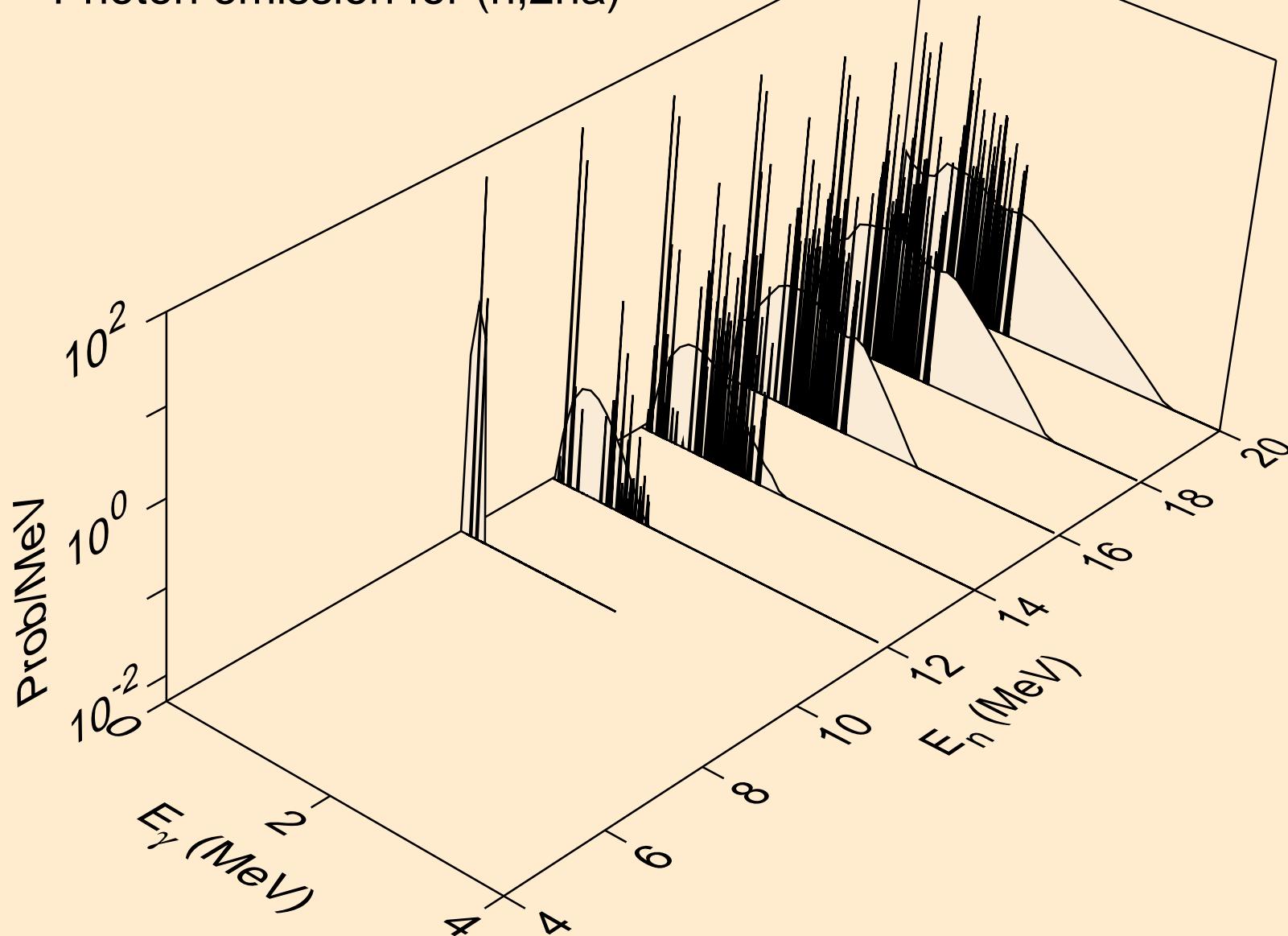
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,na)



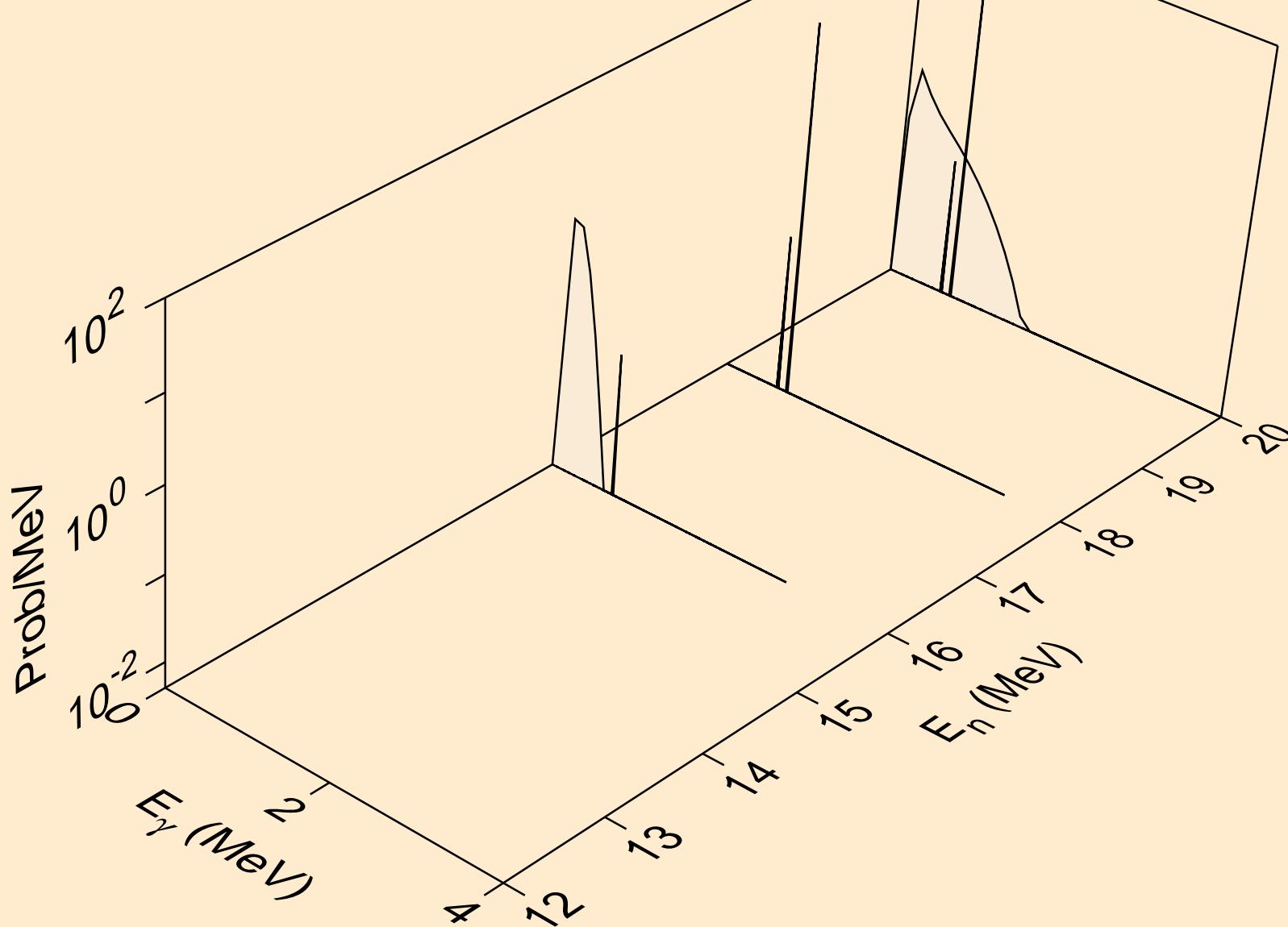
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,2na)

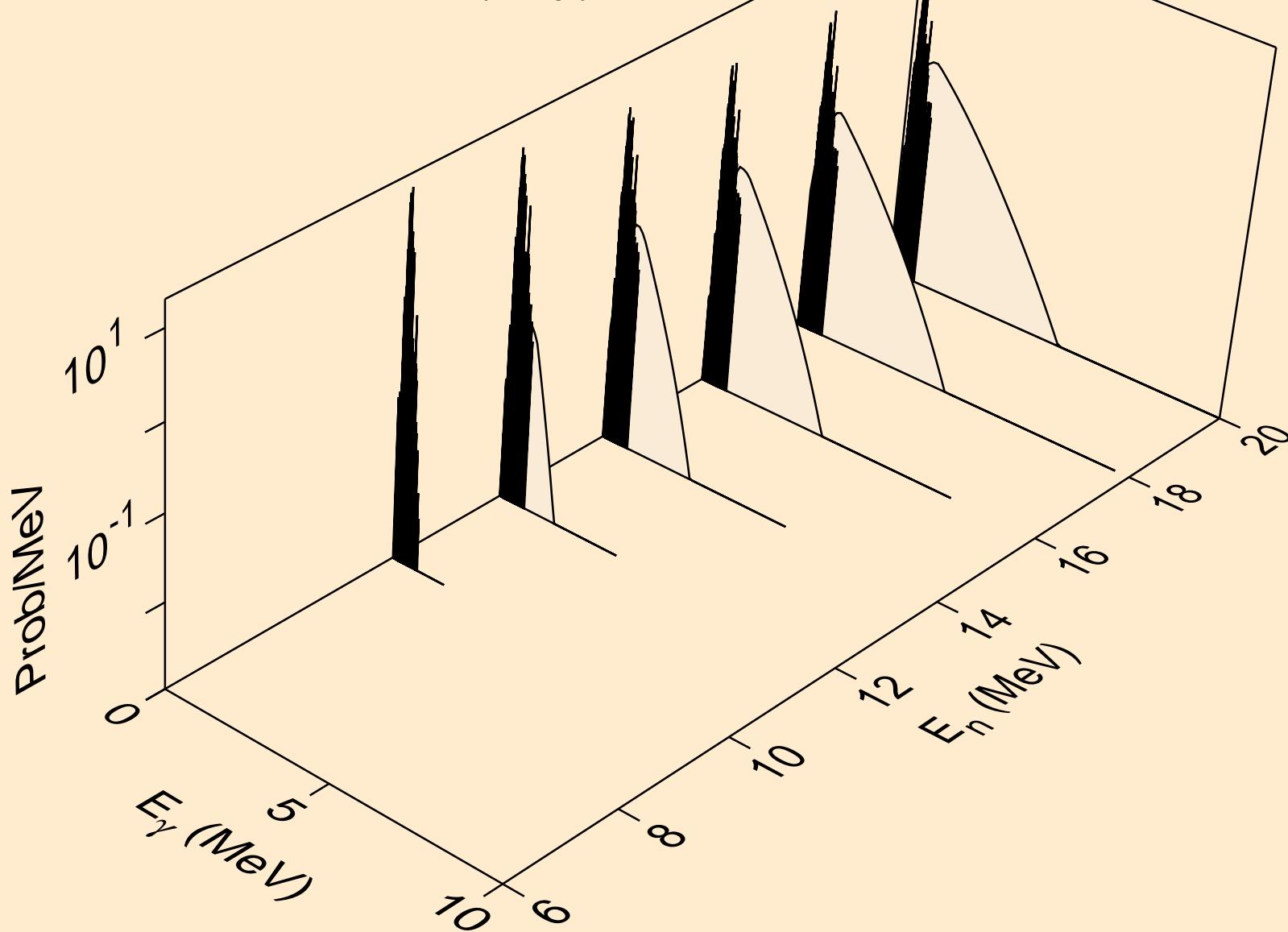


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,3na)

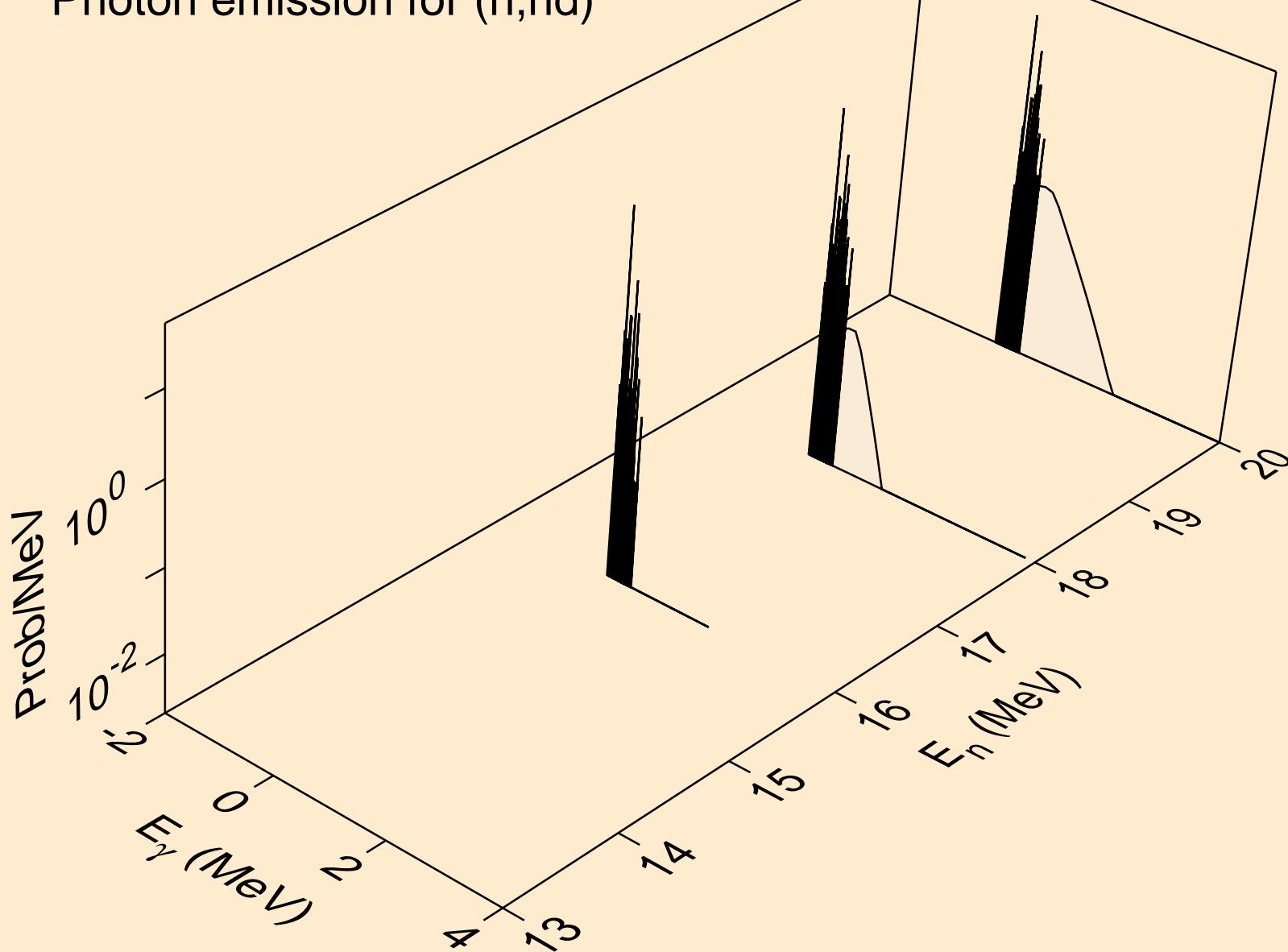


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,np)



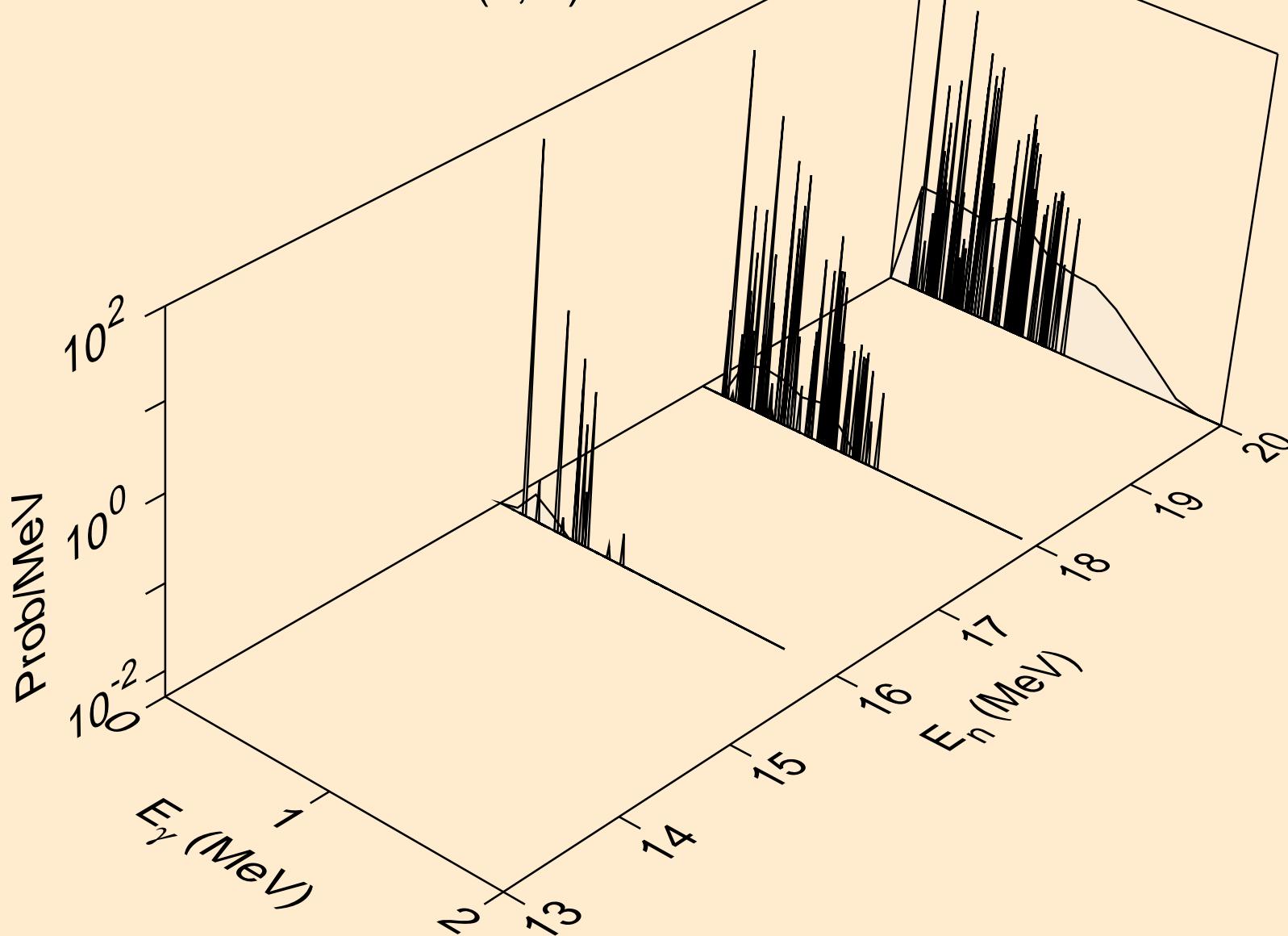
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,nd)

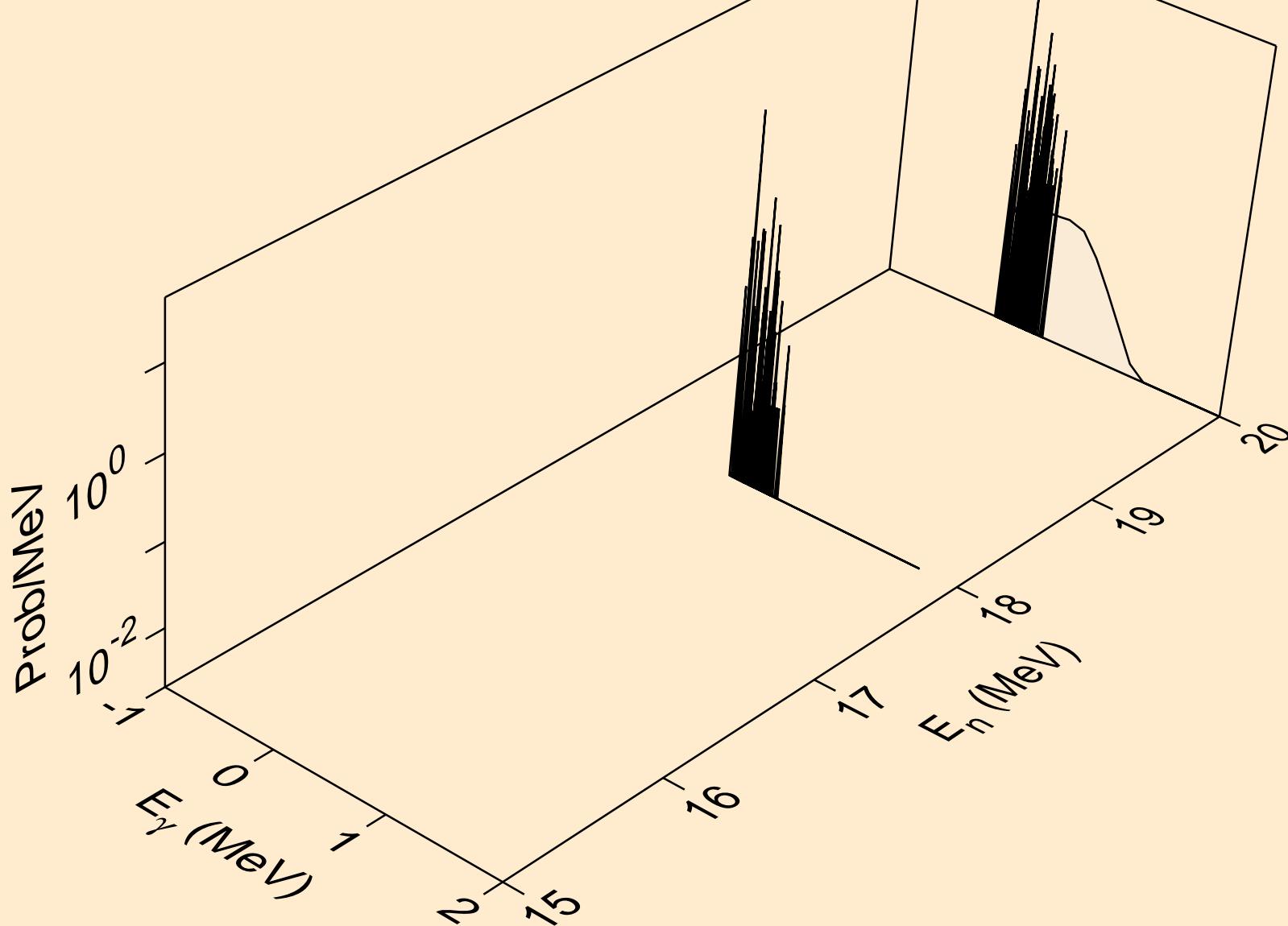


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

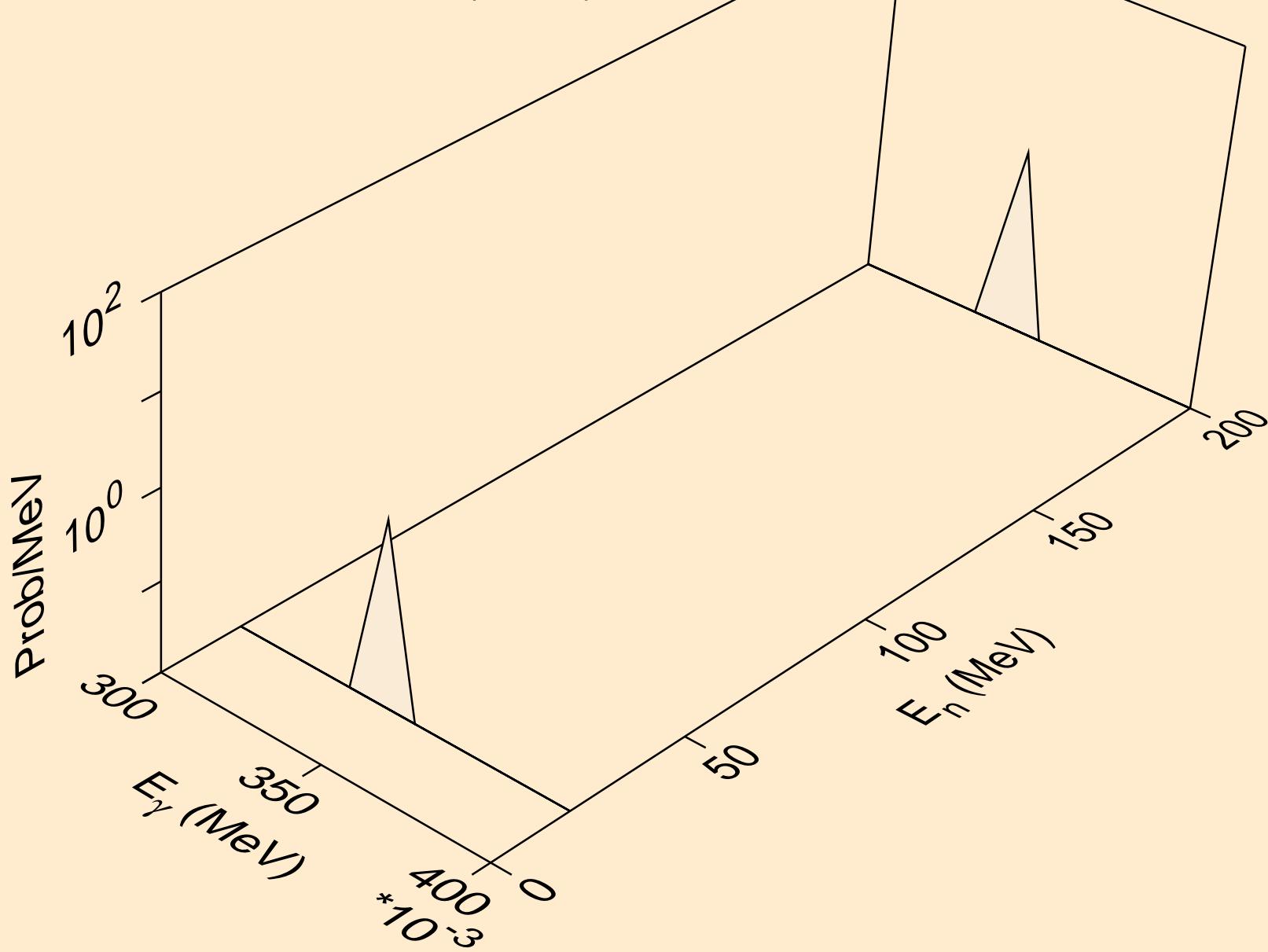
Photon emission for (n,nt)



64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,2np)

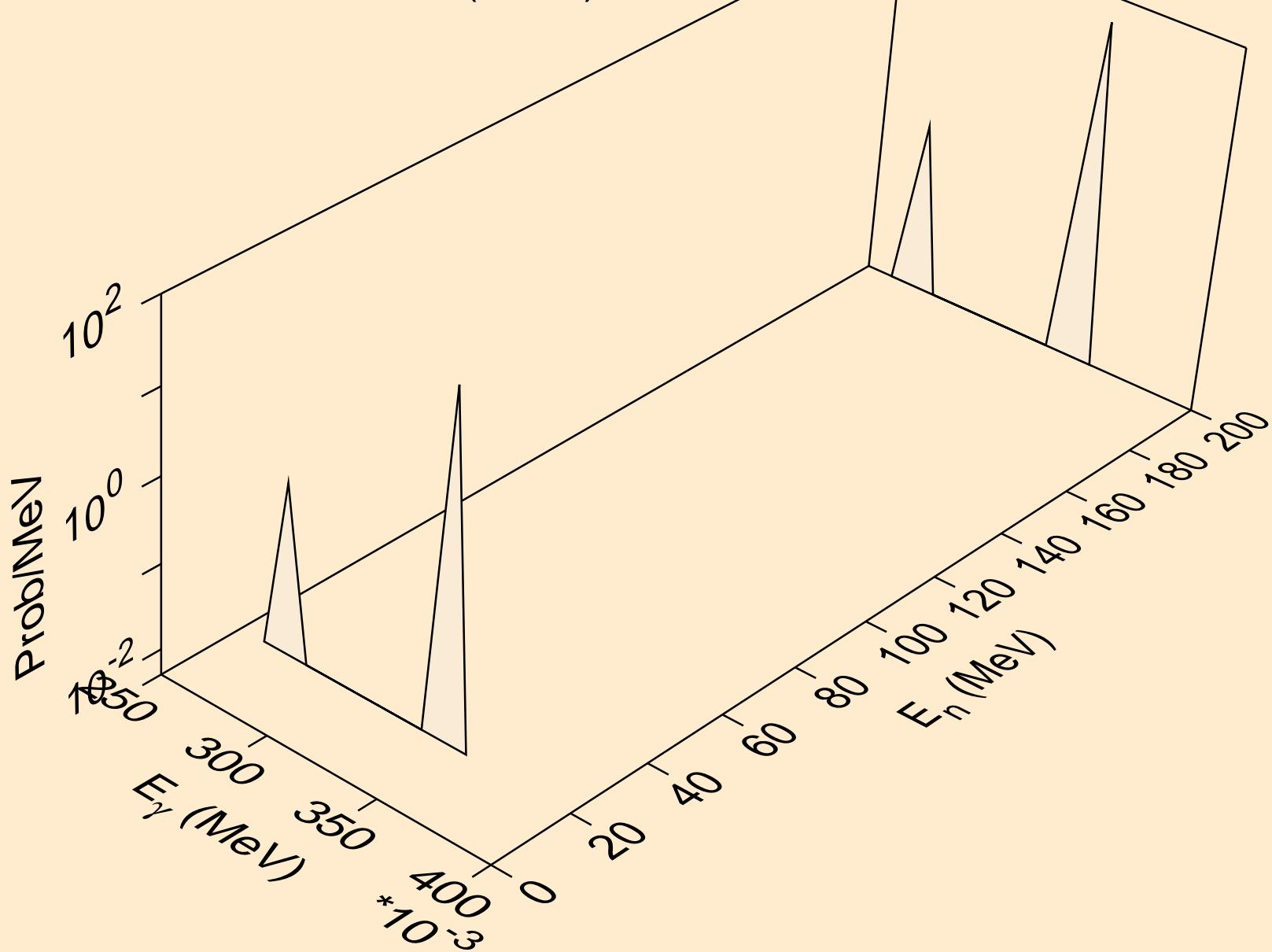


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*1)



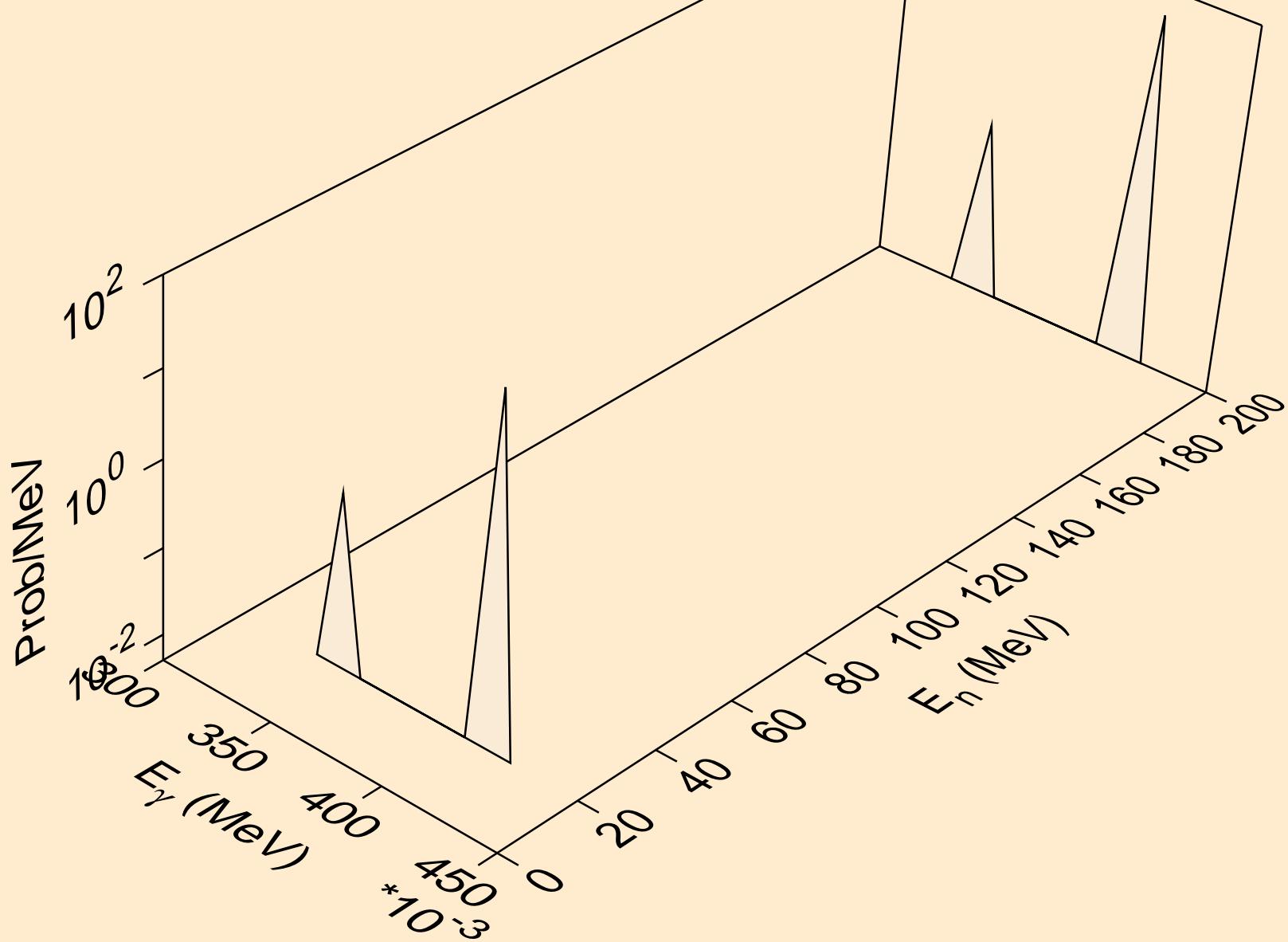
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*2)



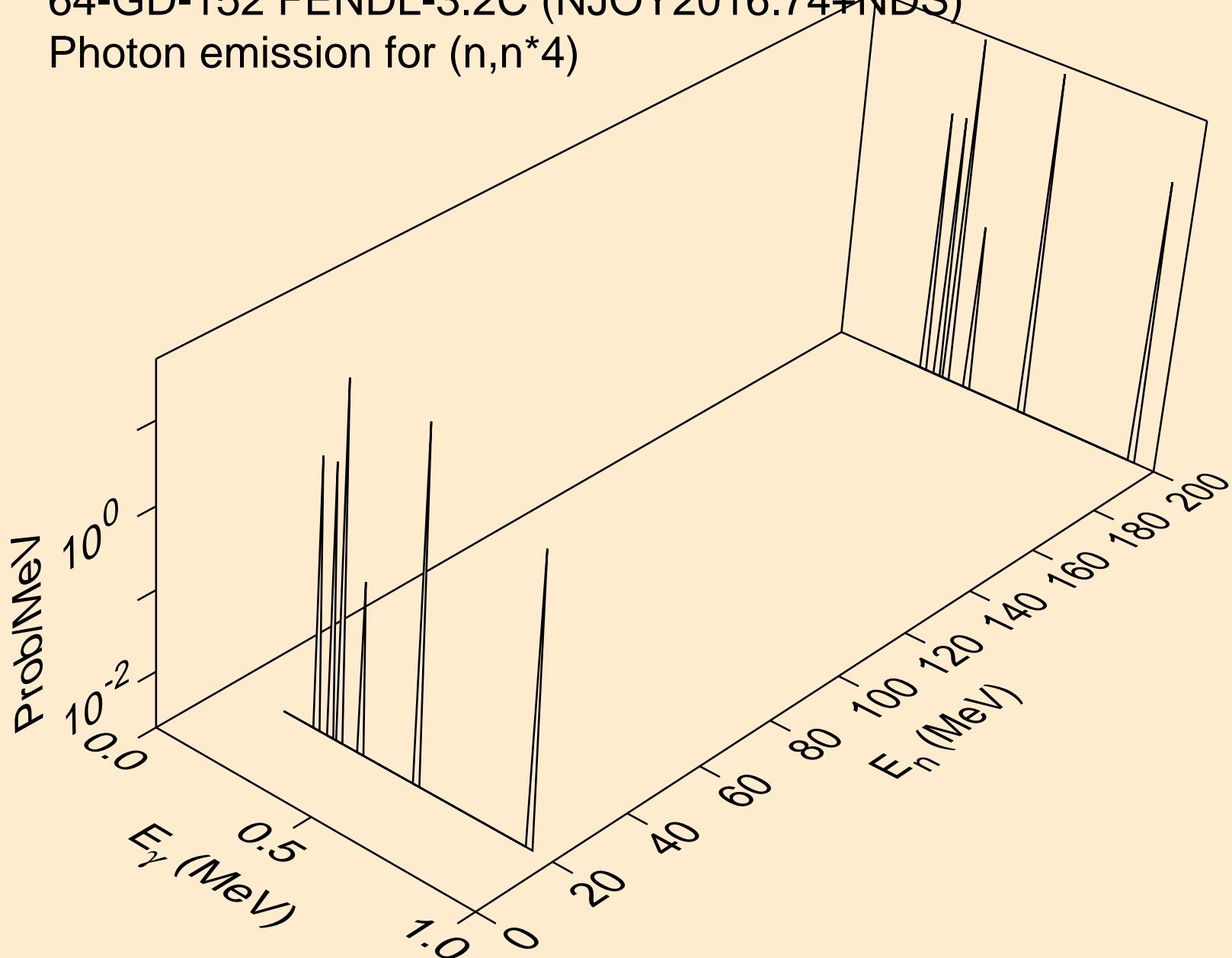
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*3)



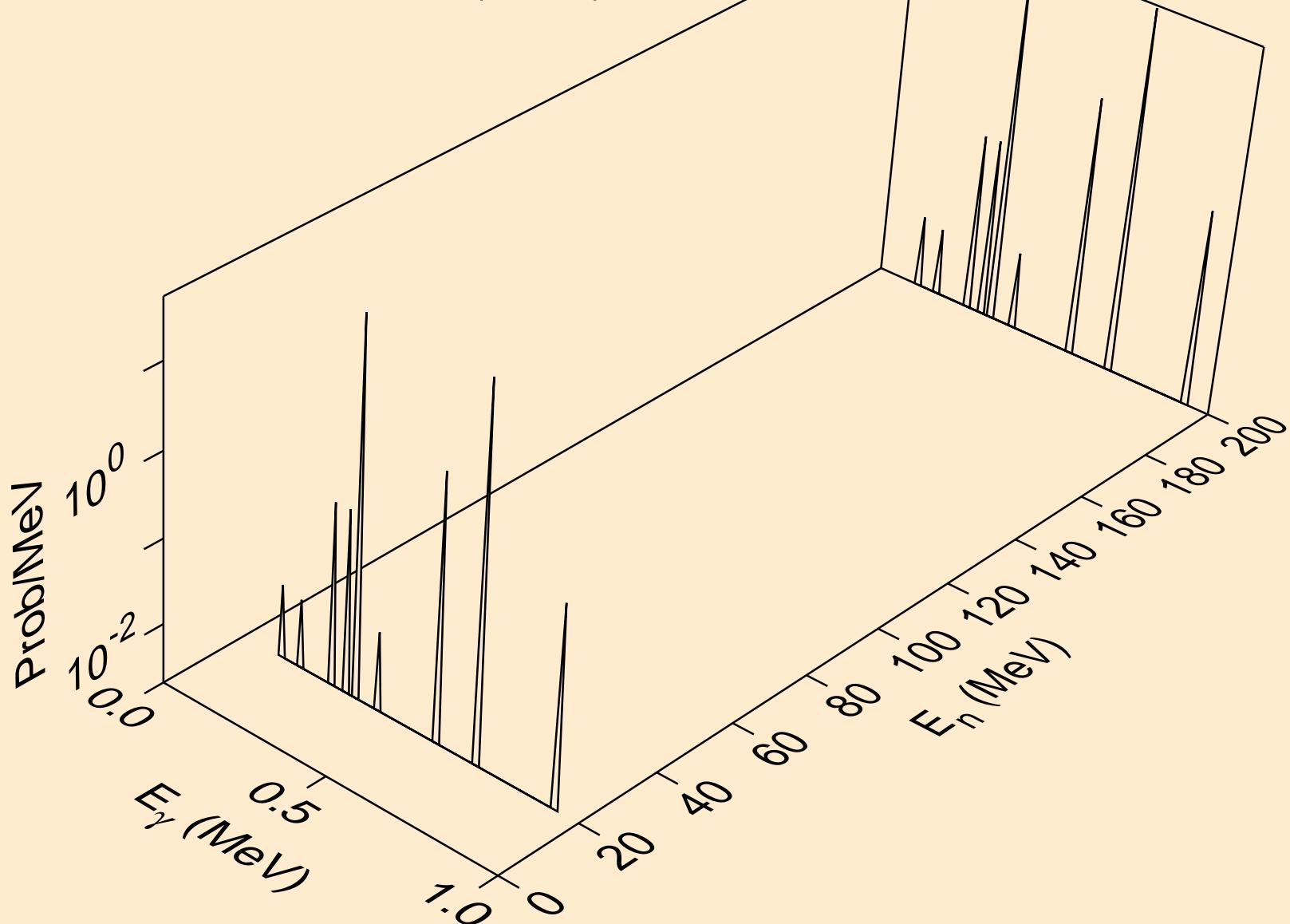
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*4)



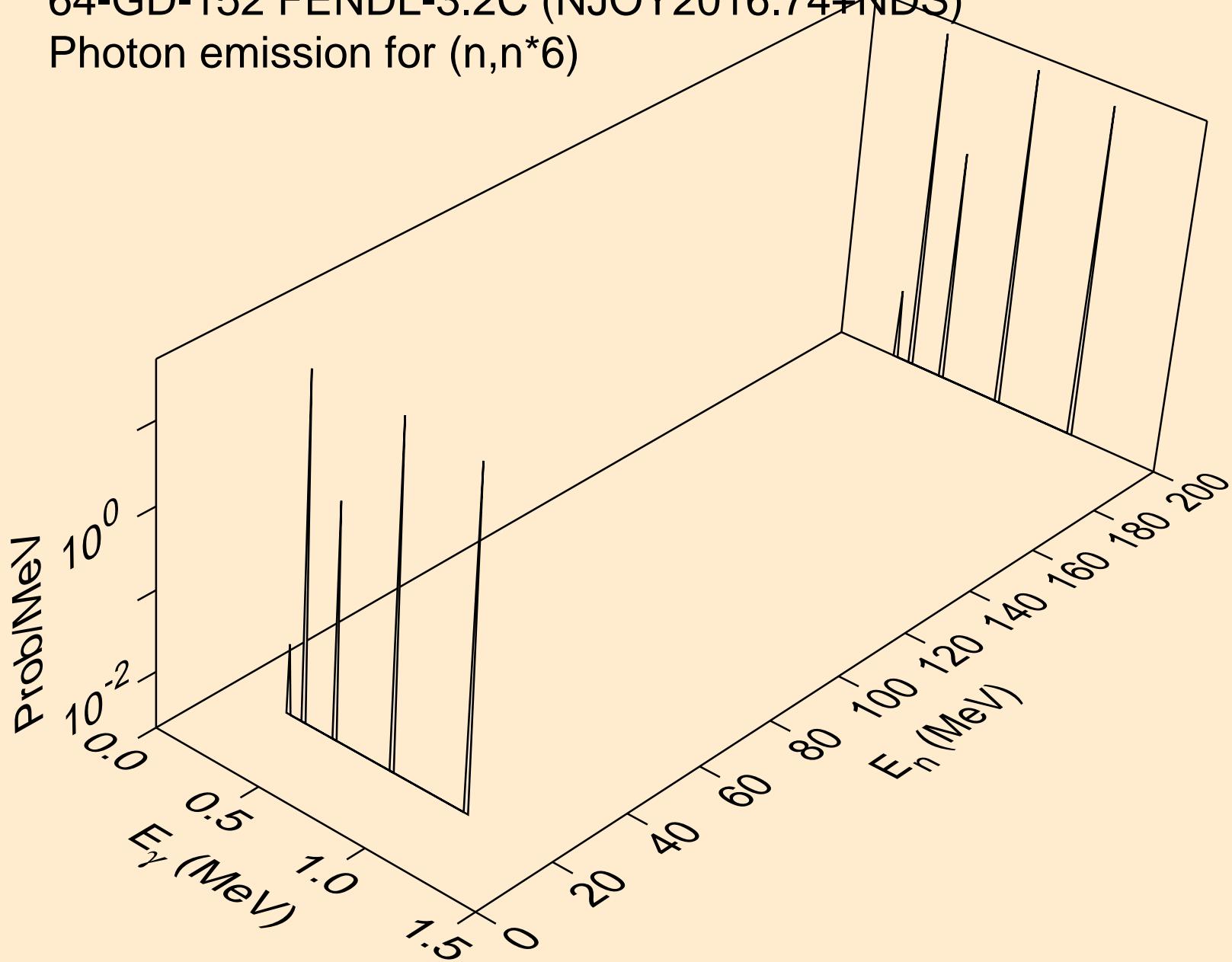
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*5)



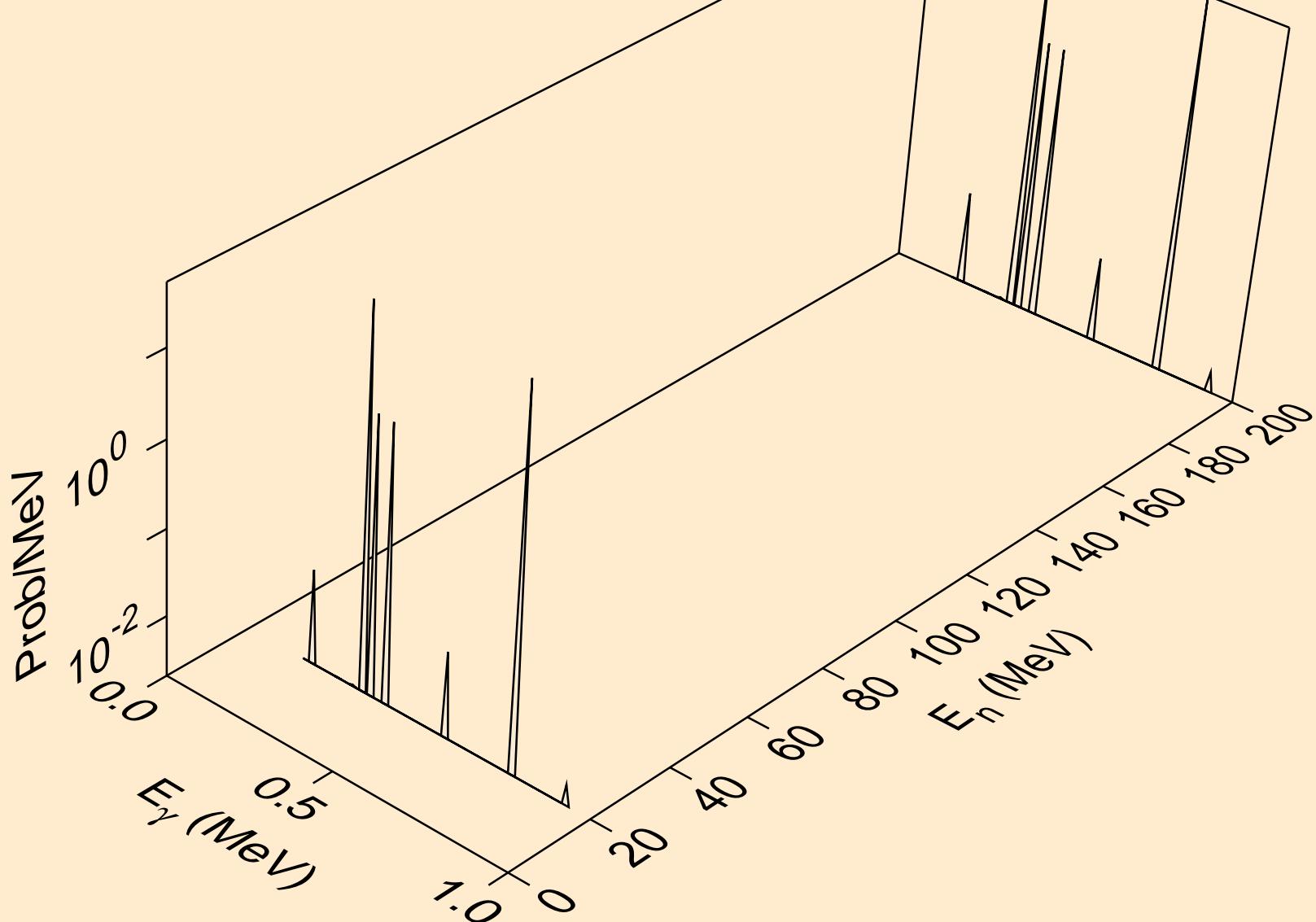
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*6)

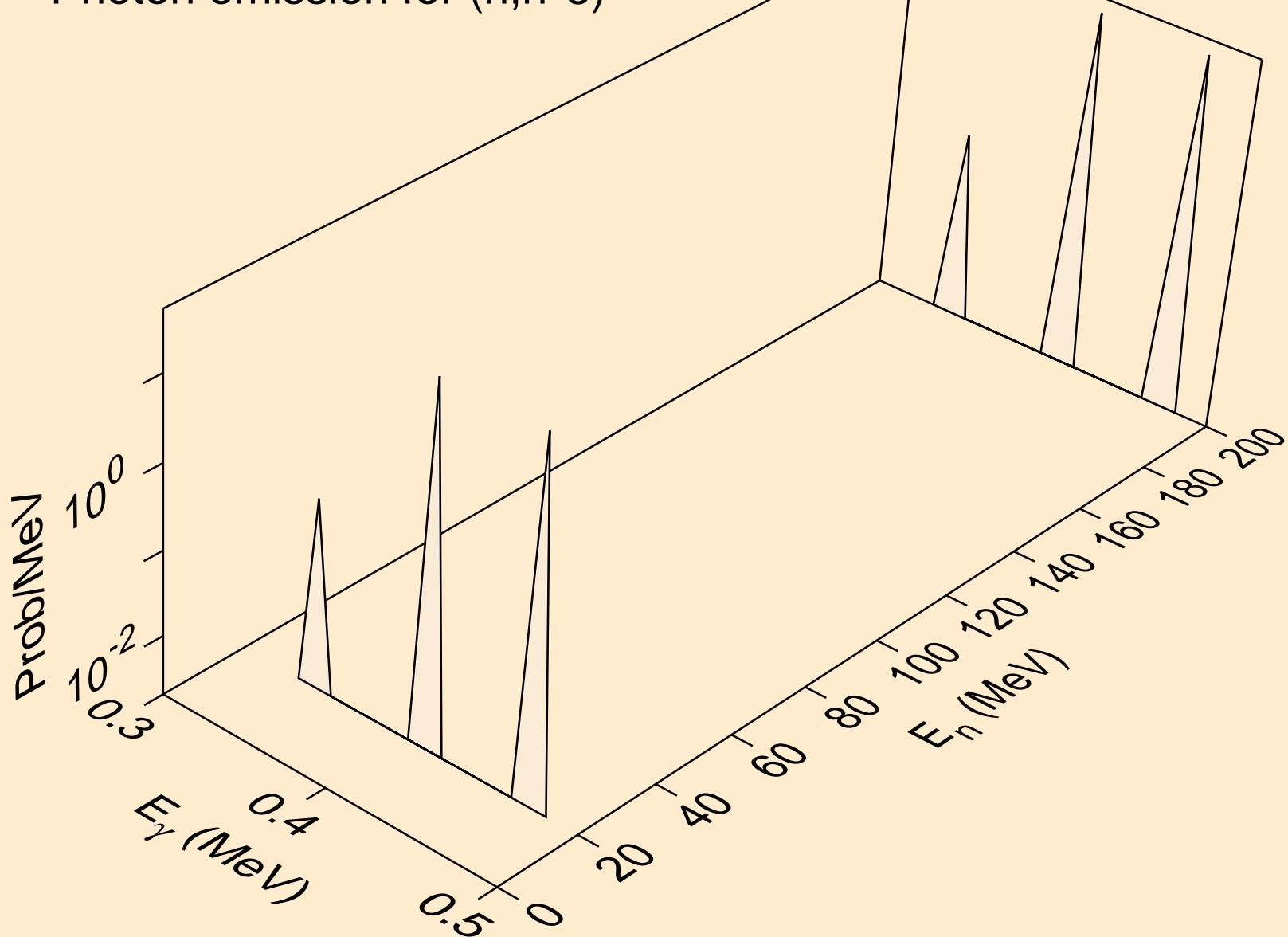


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*7)

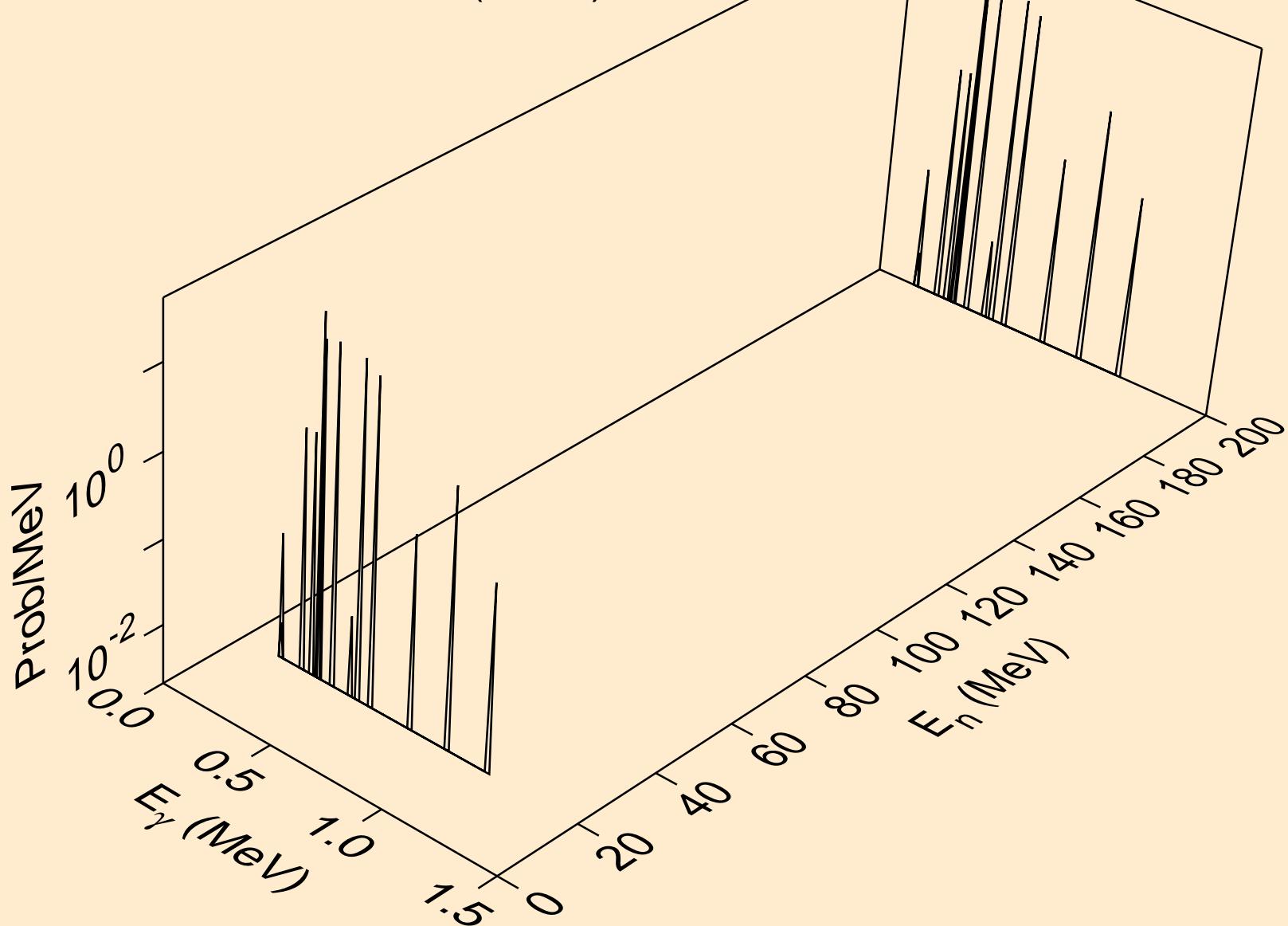


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*8)

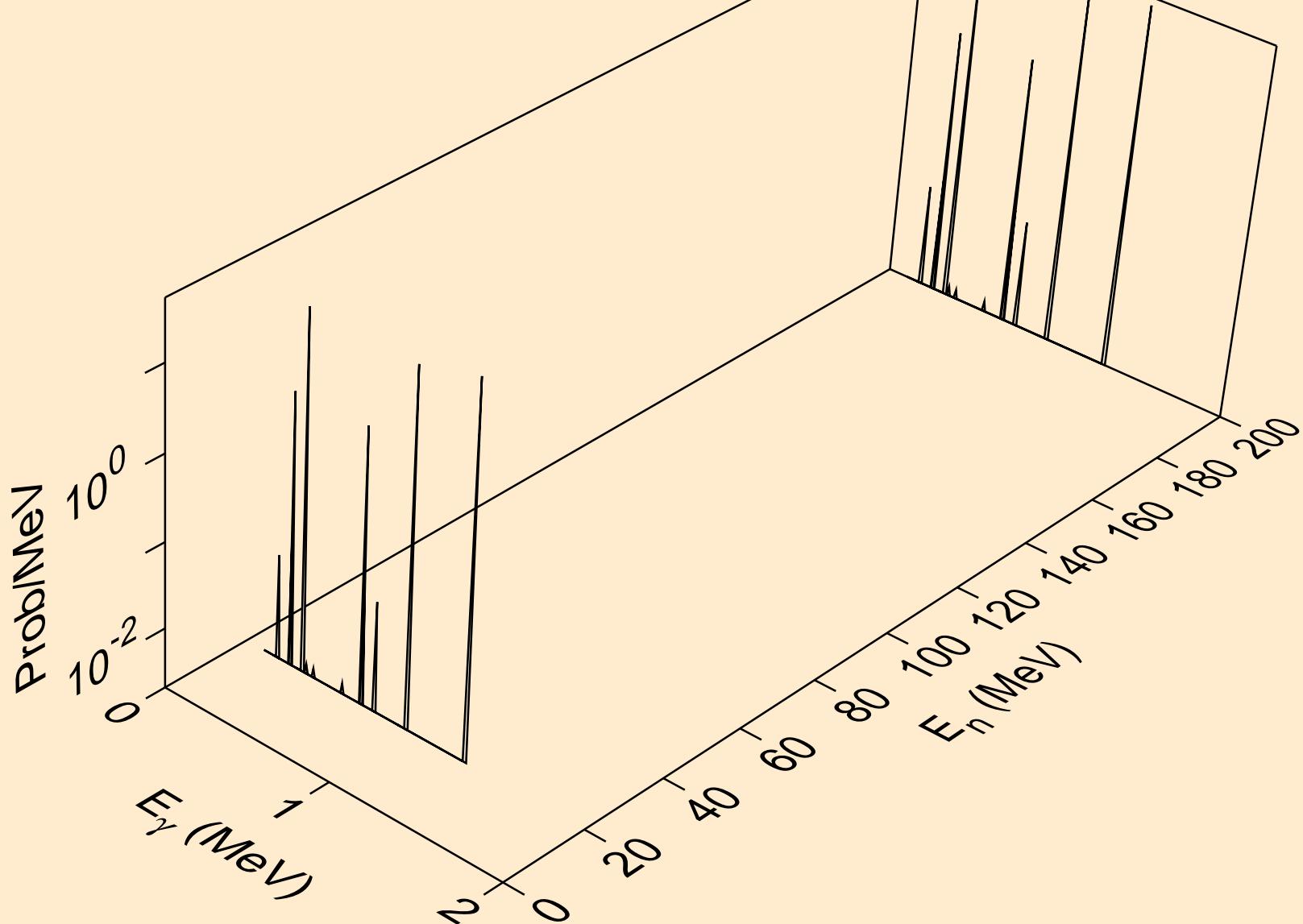


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*9)

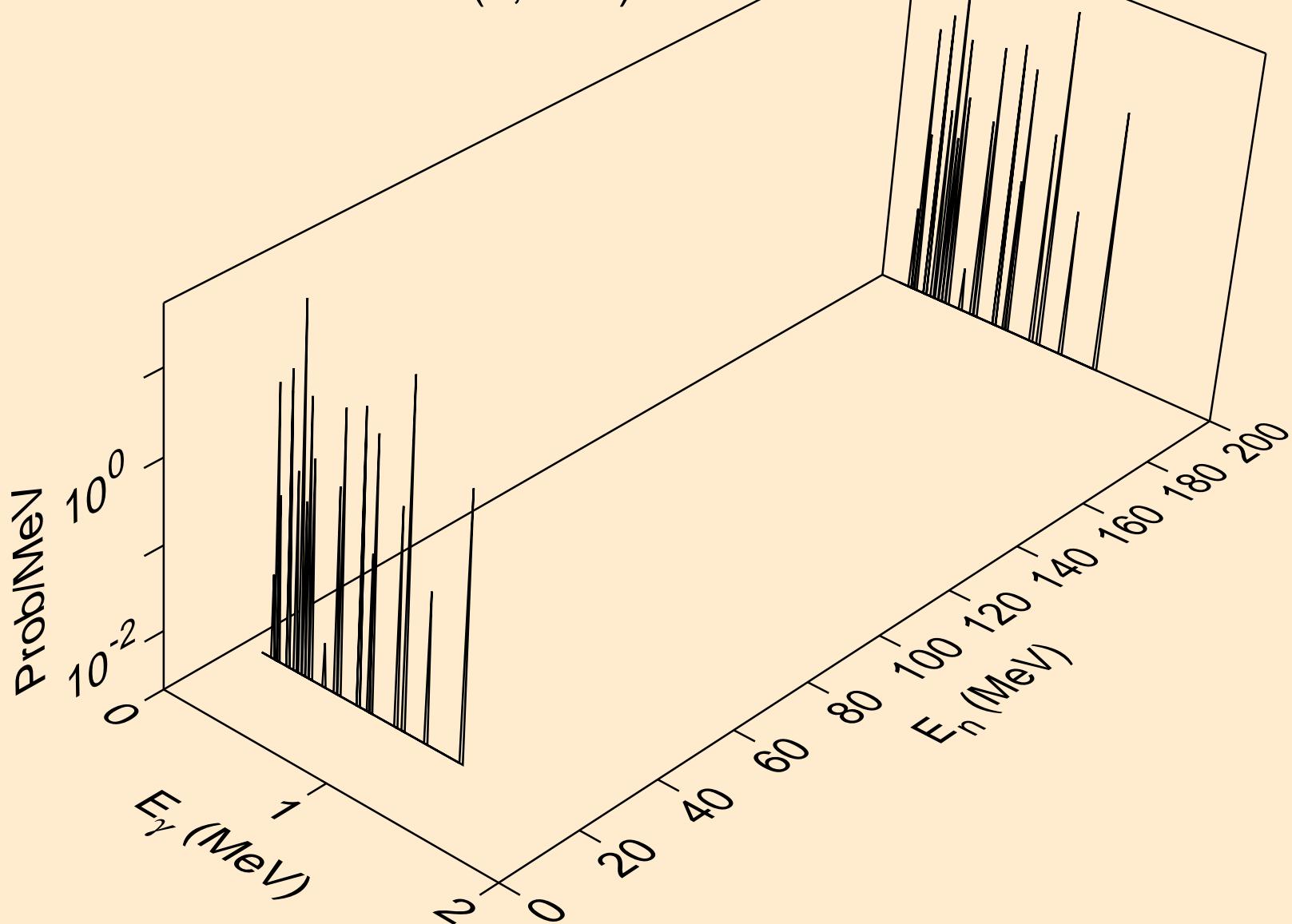


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*10)



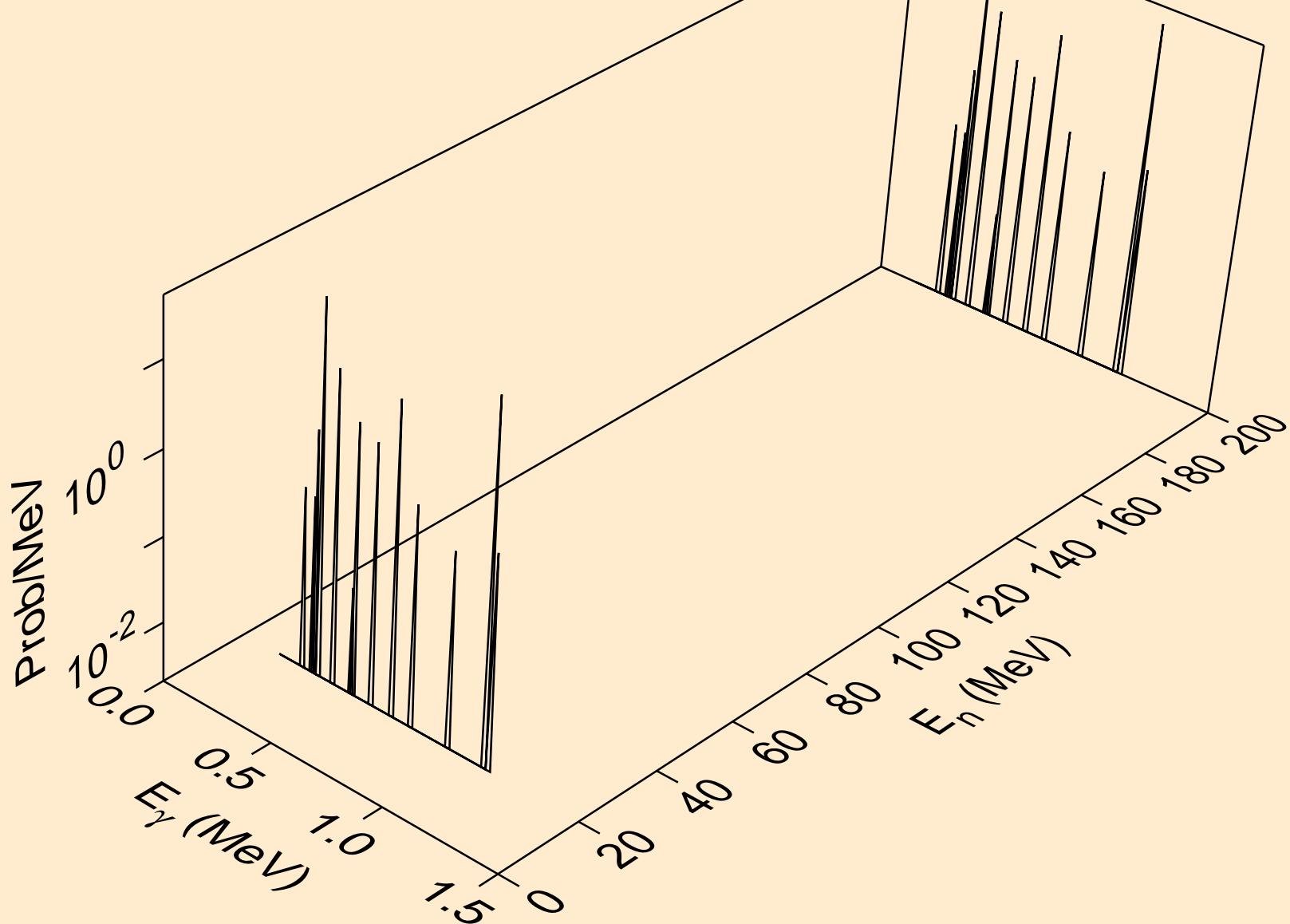
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*11)



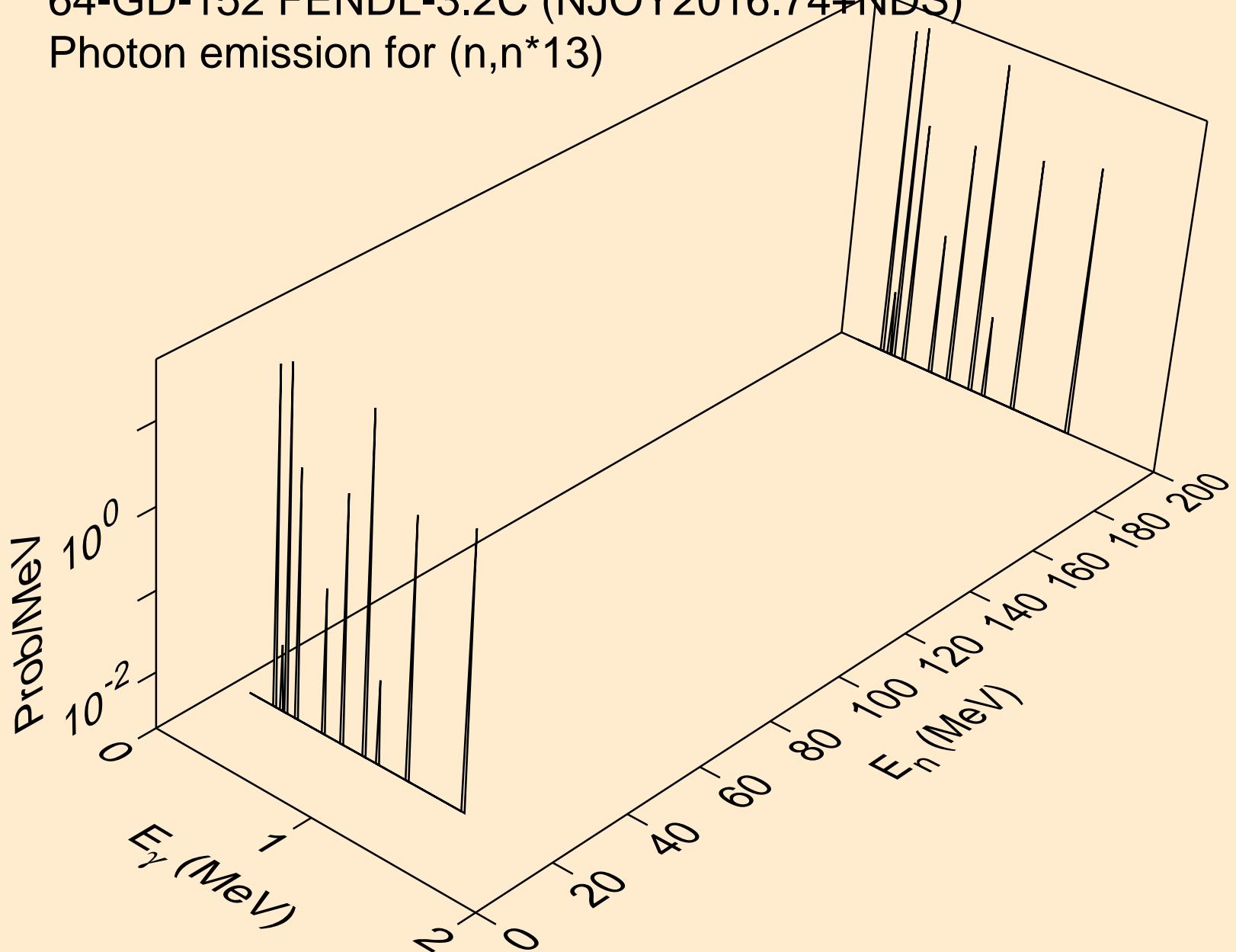
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*12)

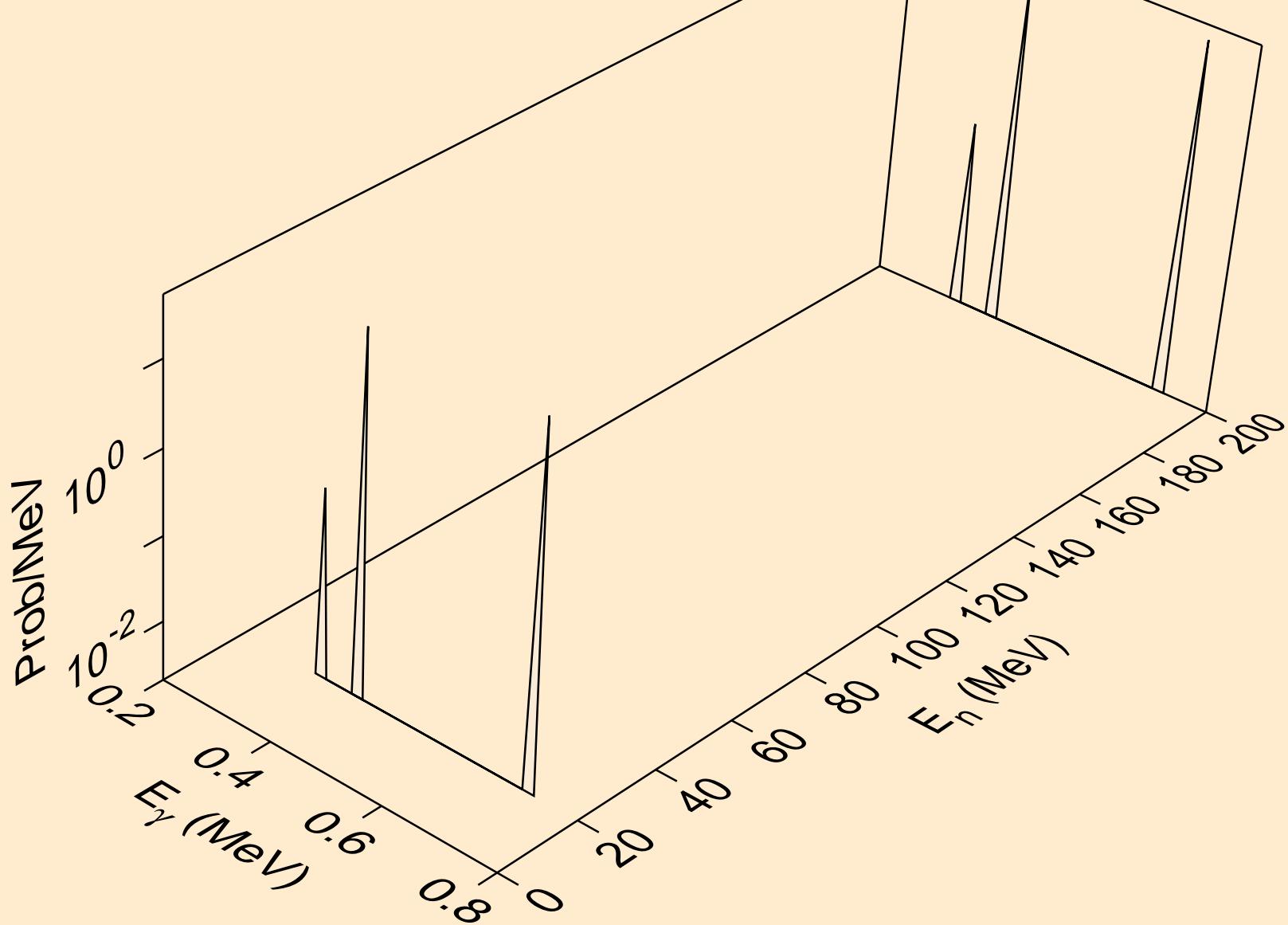


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

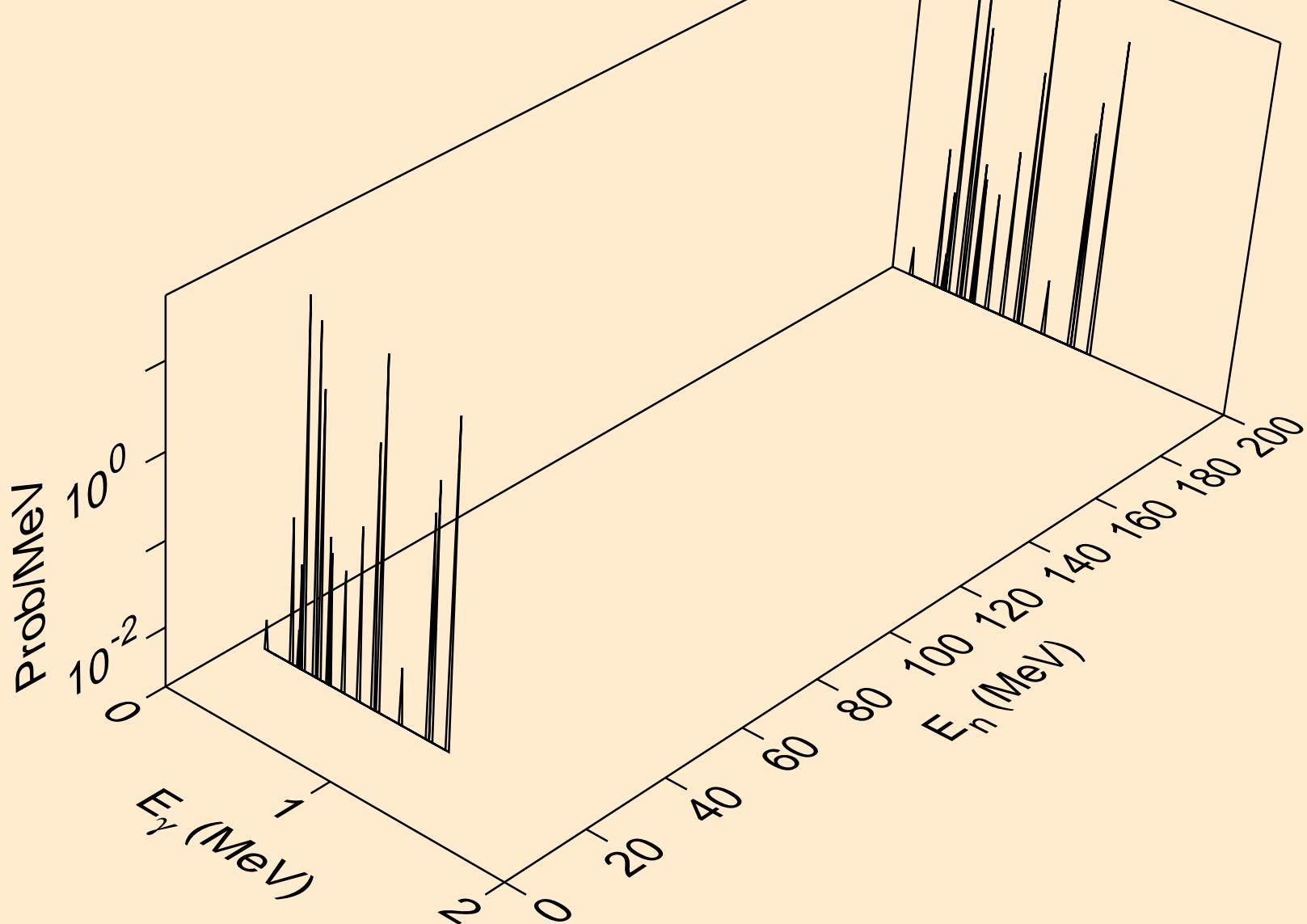
Photon emission for (n,n\*13)



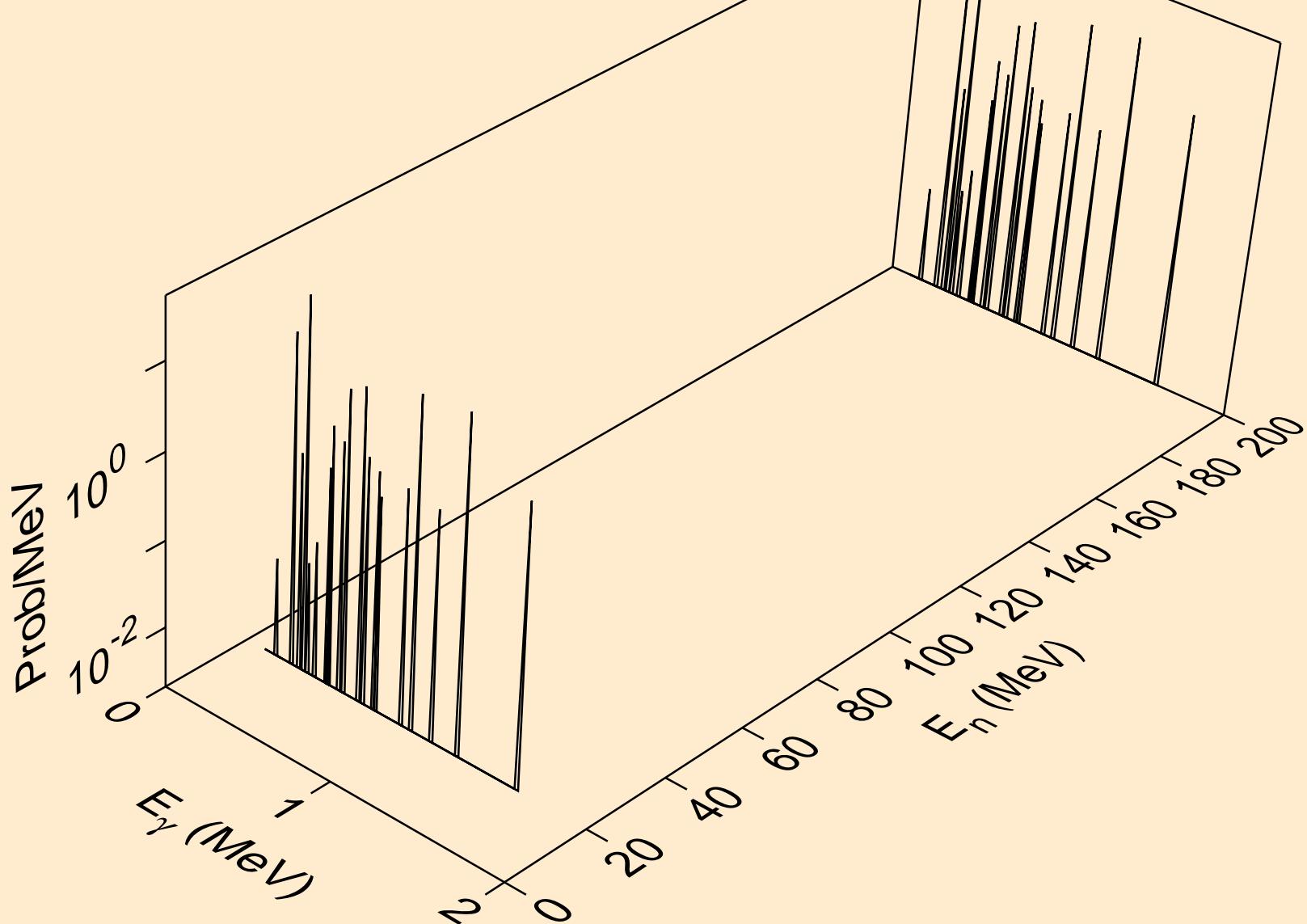
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for ( $n, n^* 14$ )



64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for ( $n, n^* 15$ )

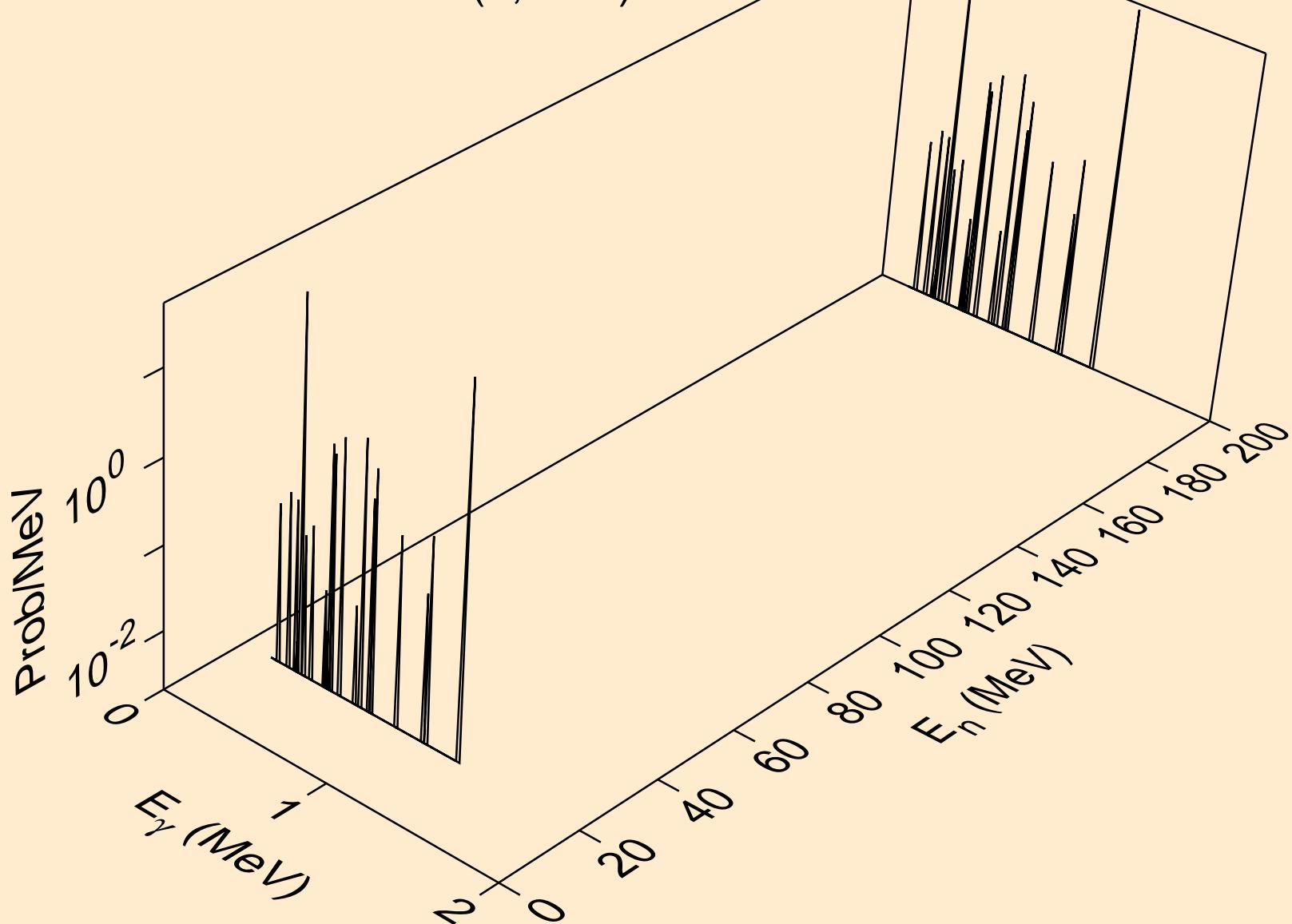


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for ( $n, n^* 16$ )



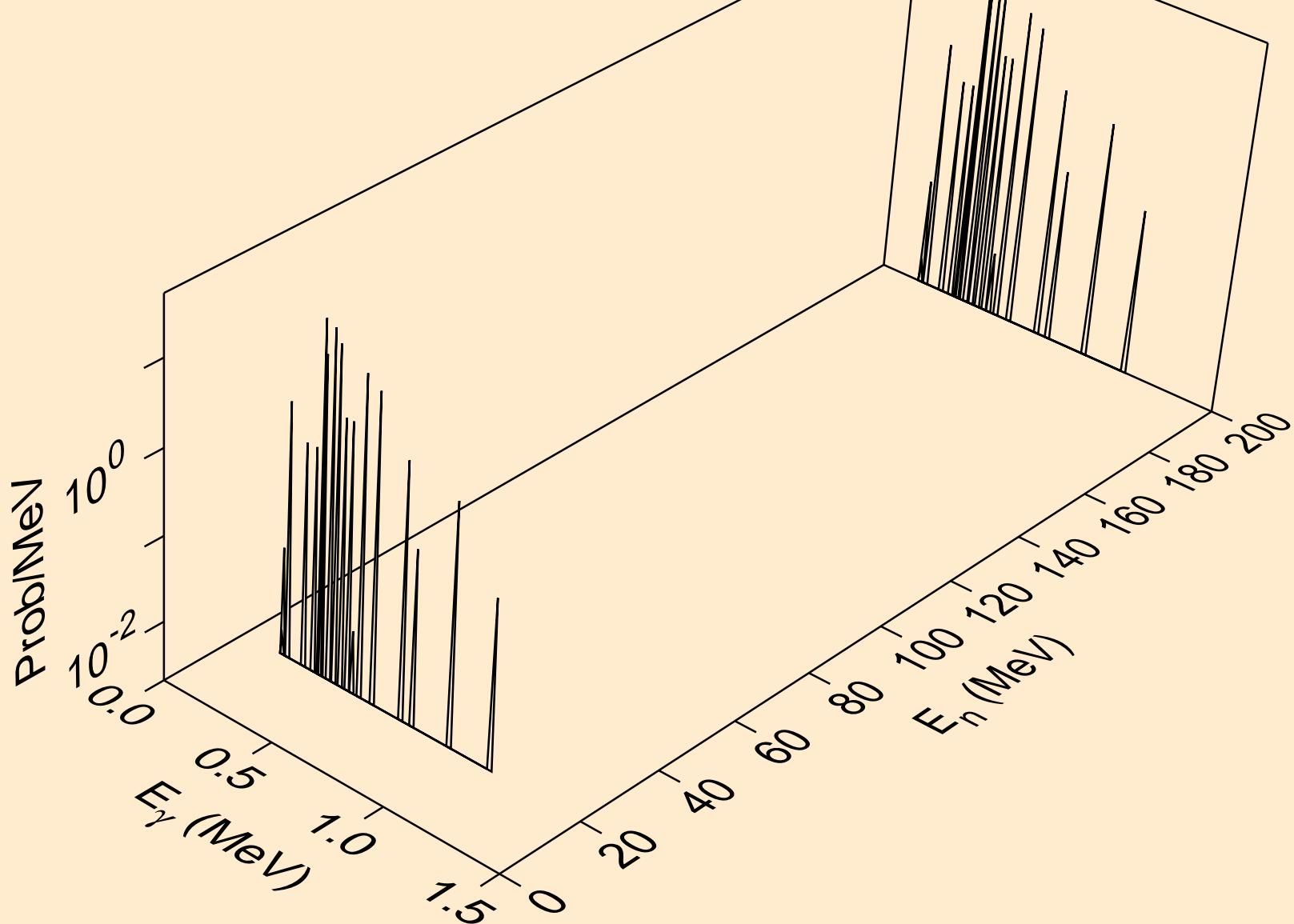
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*17)

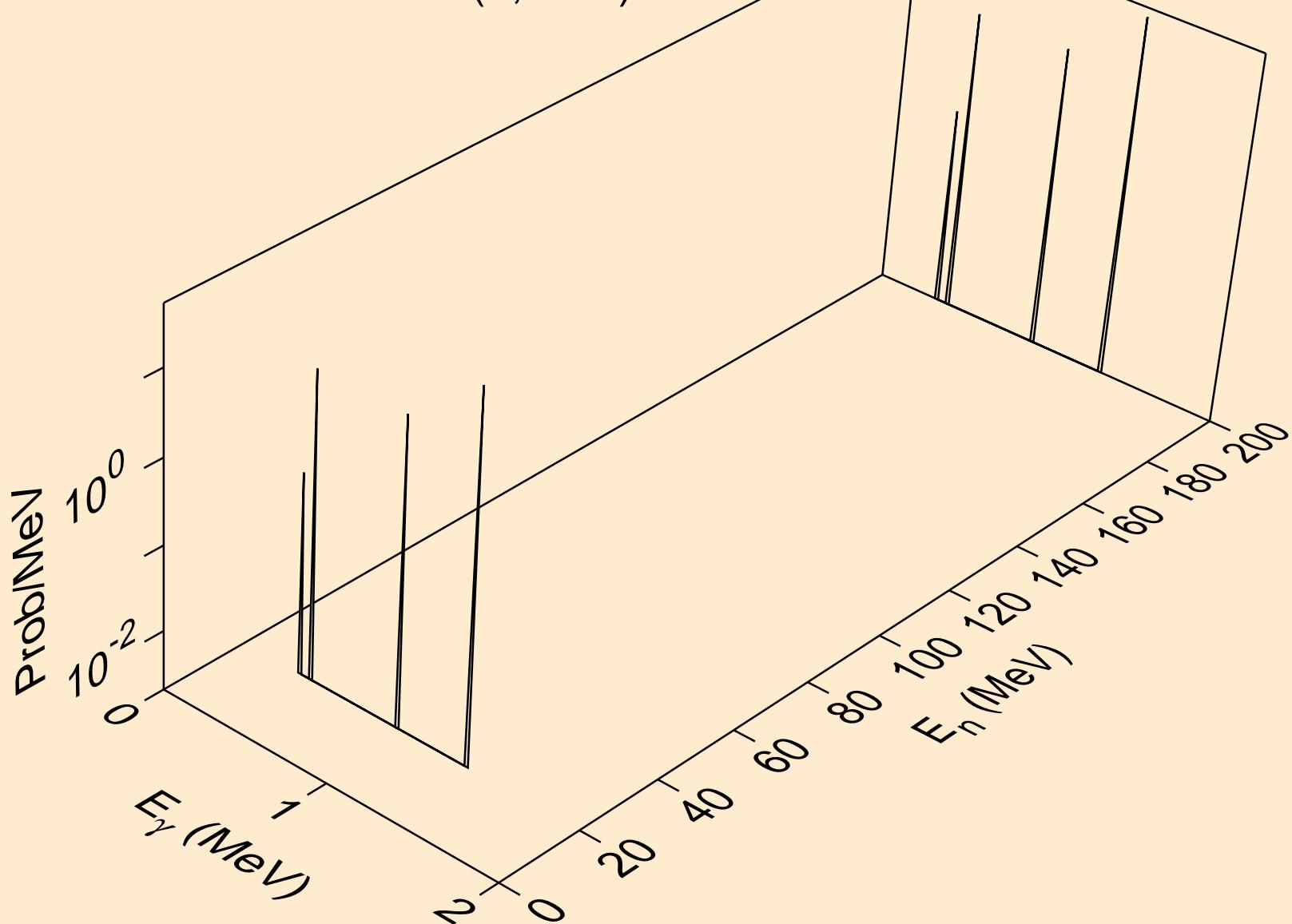


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for ( $n, n^* 18$ )

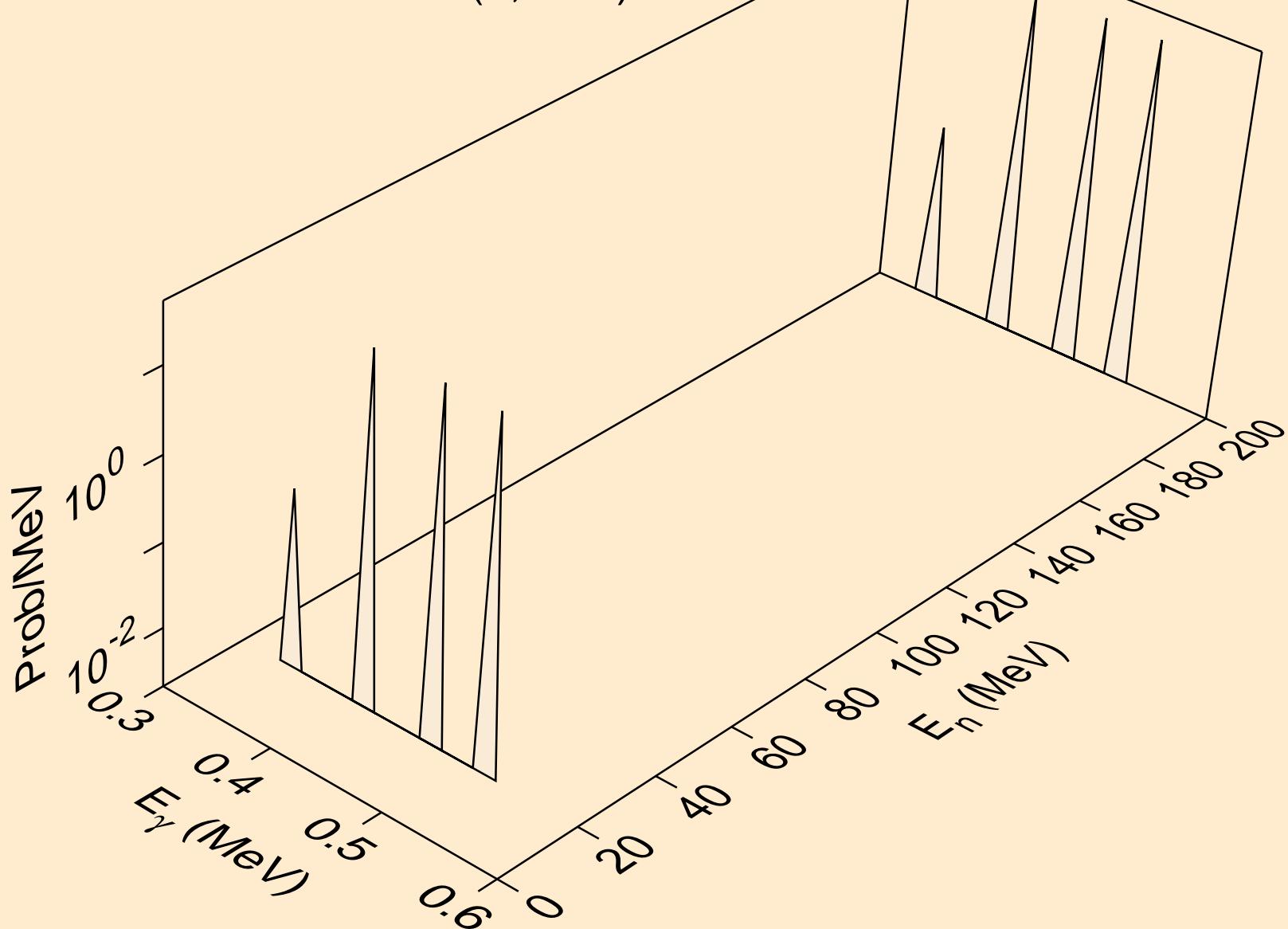


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for ( $n, n^* 19$ )



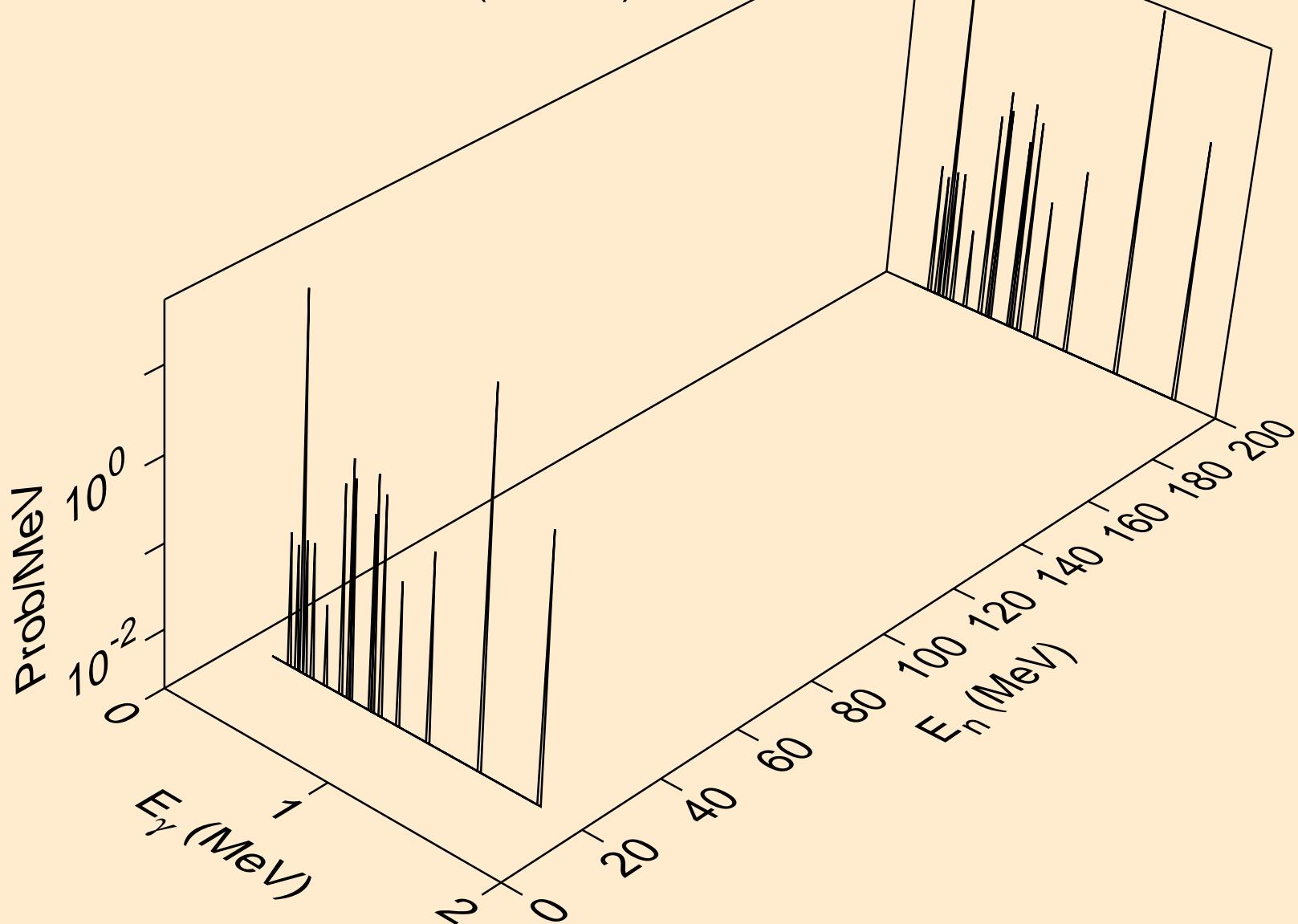
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*20)



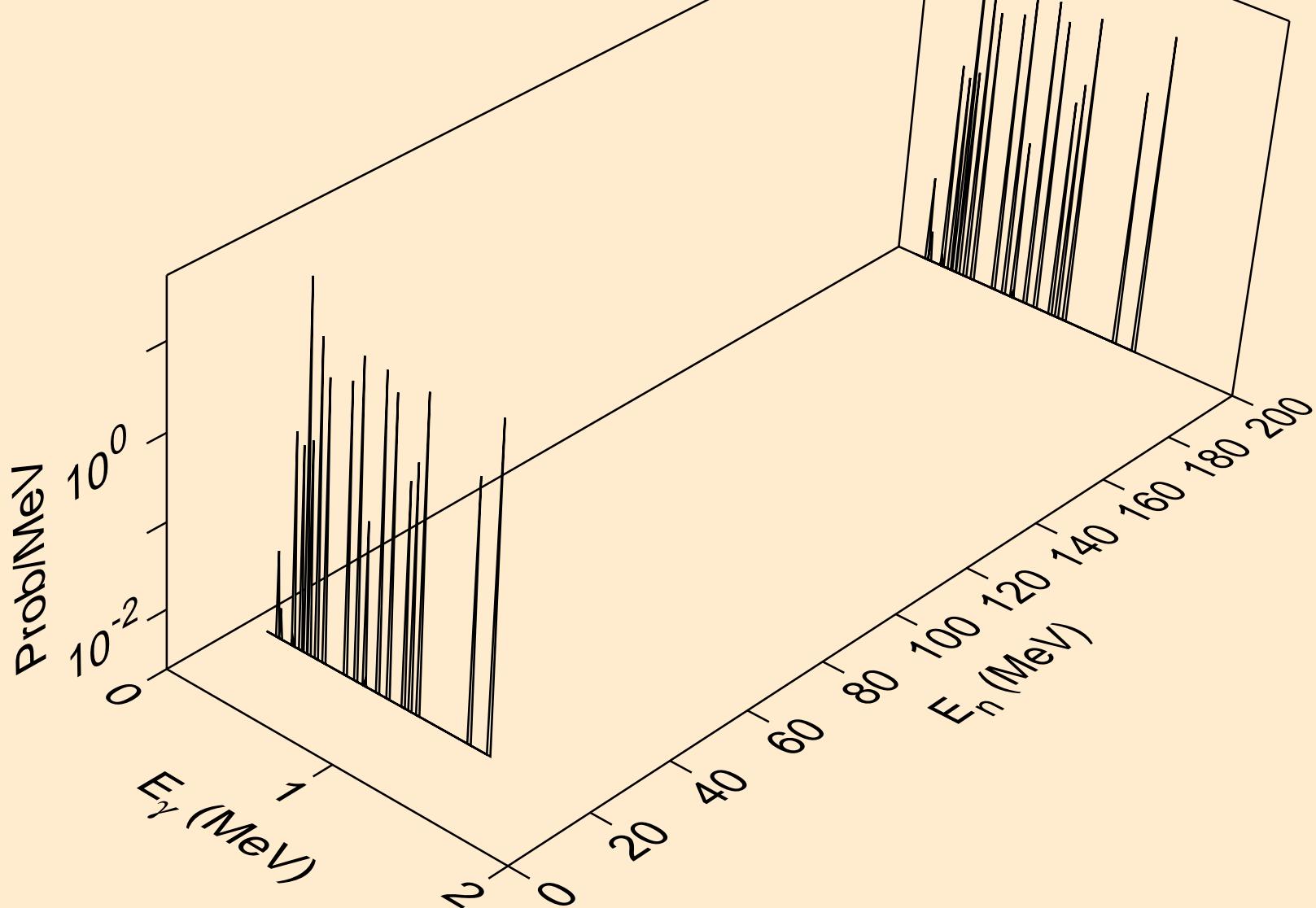
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*21)



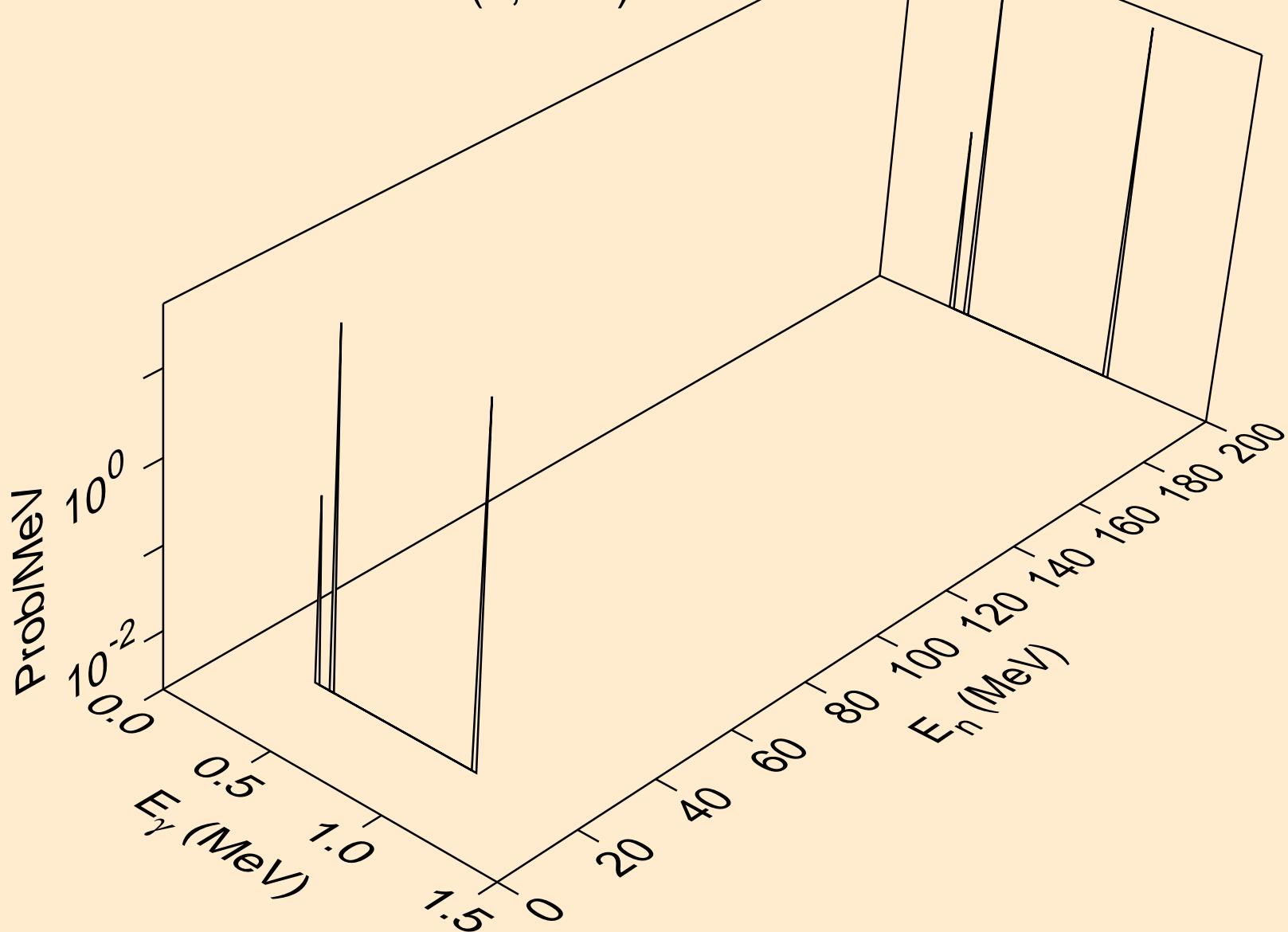
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for ( $n, n^* 22$ )



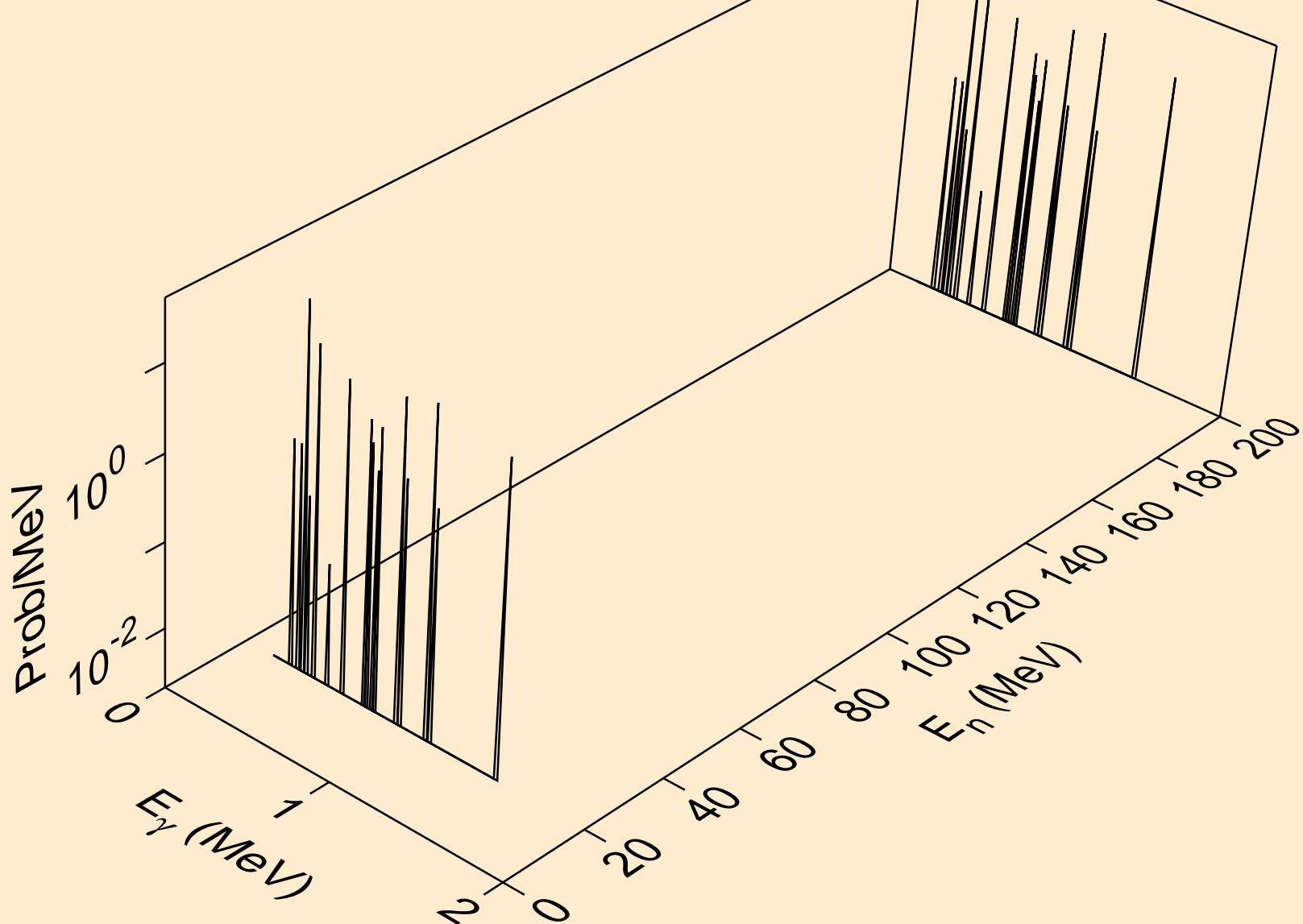
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*23)



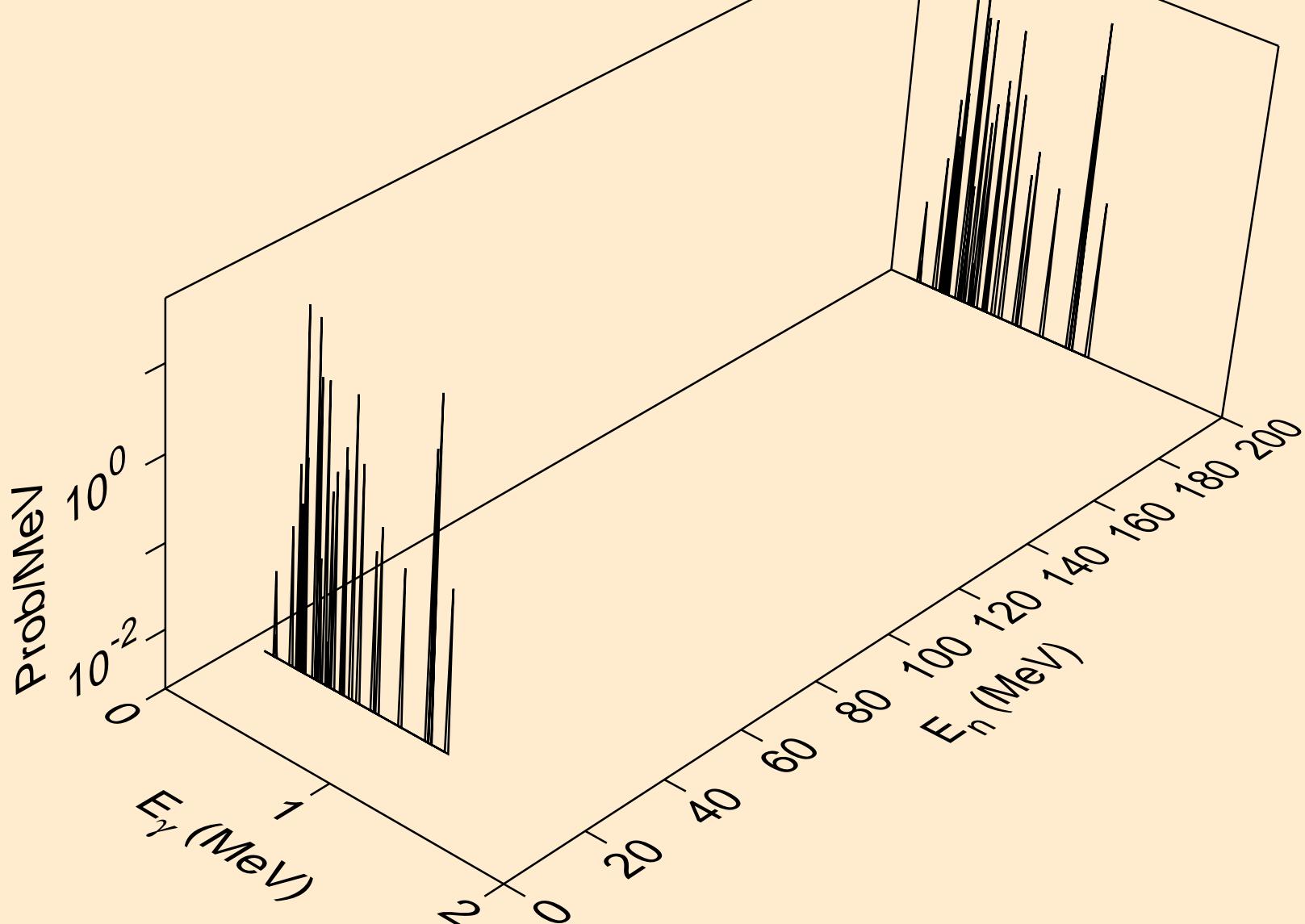
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*24)



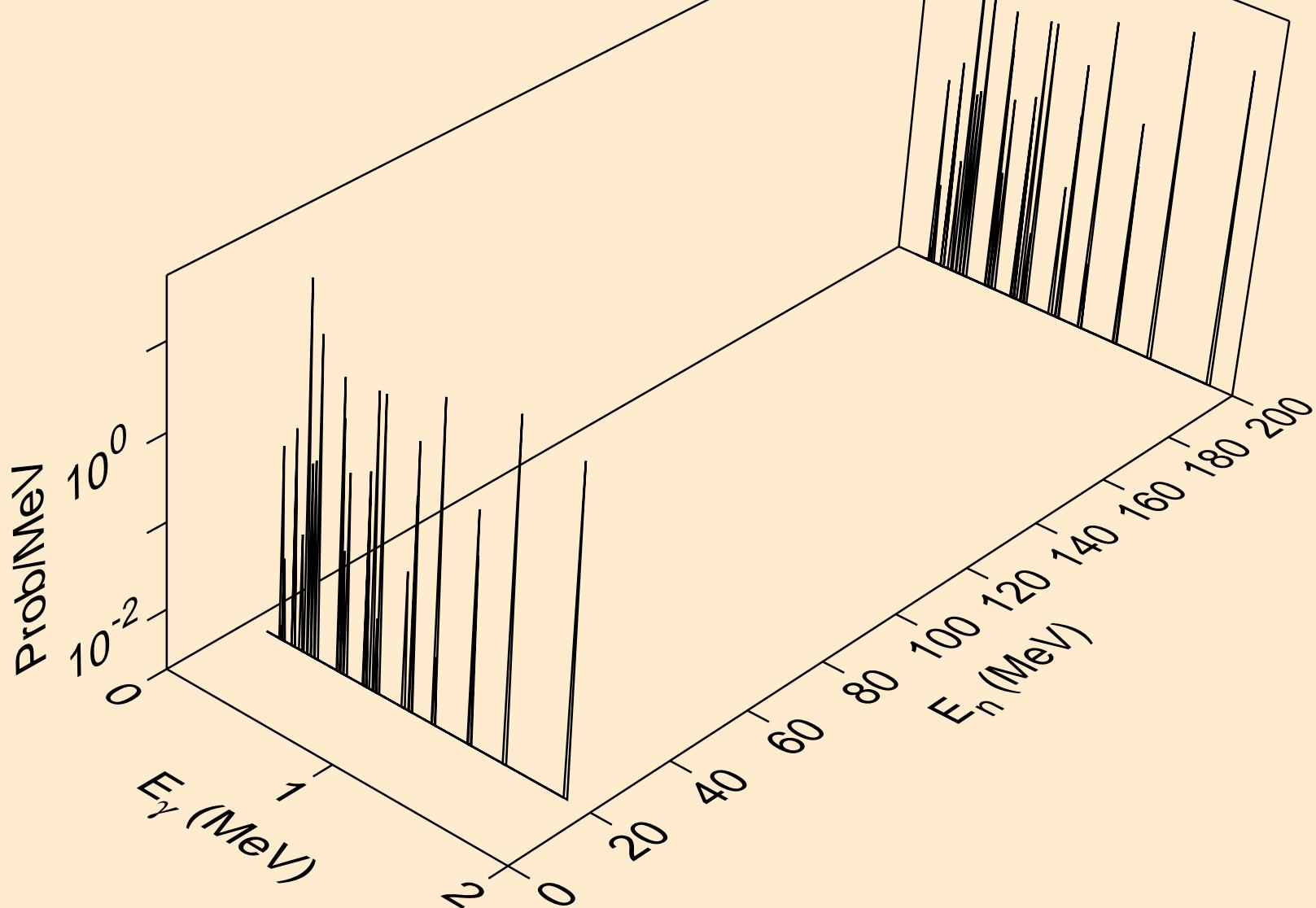
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*25)



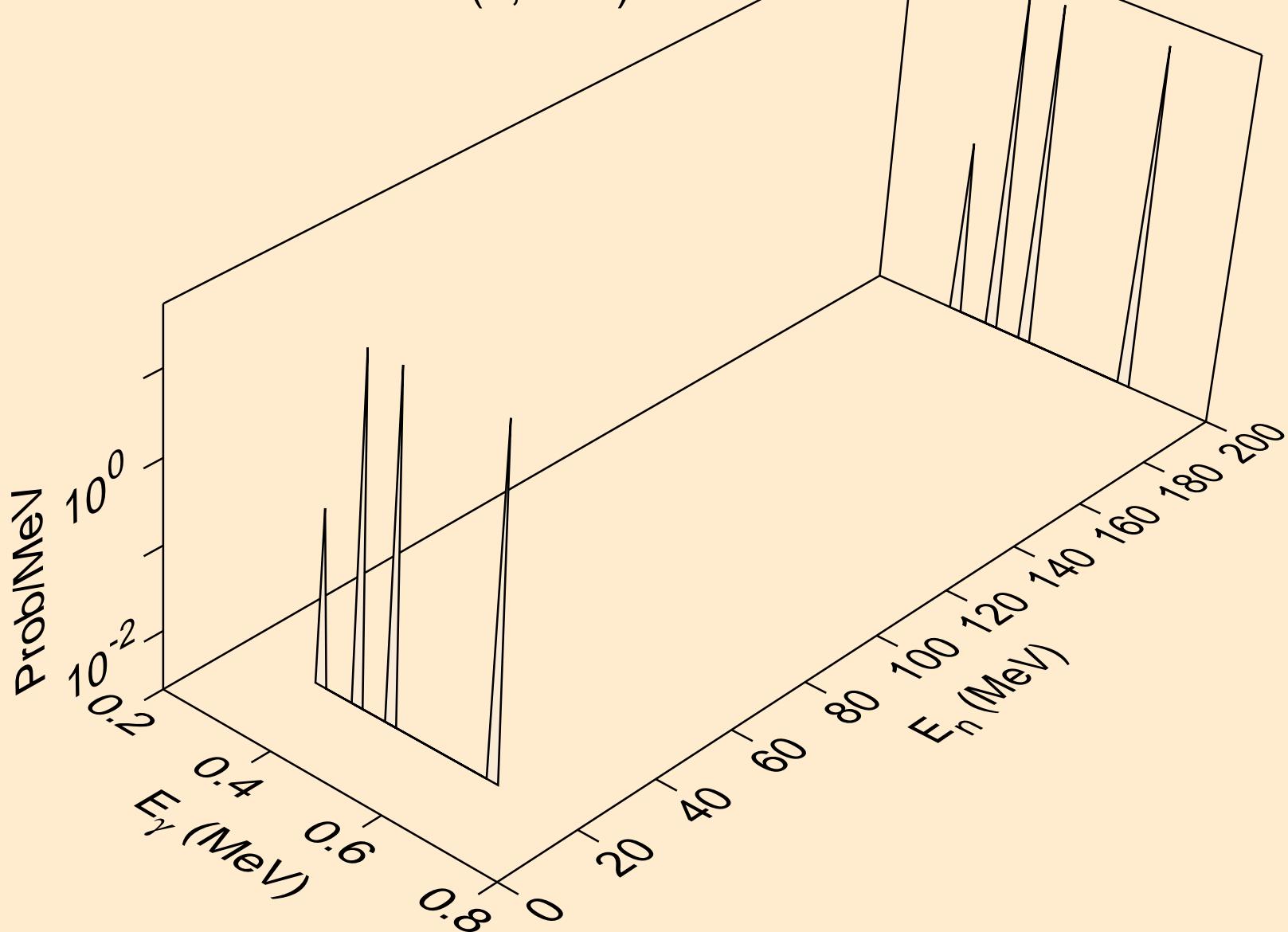
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*26)



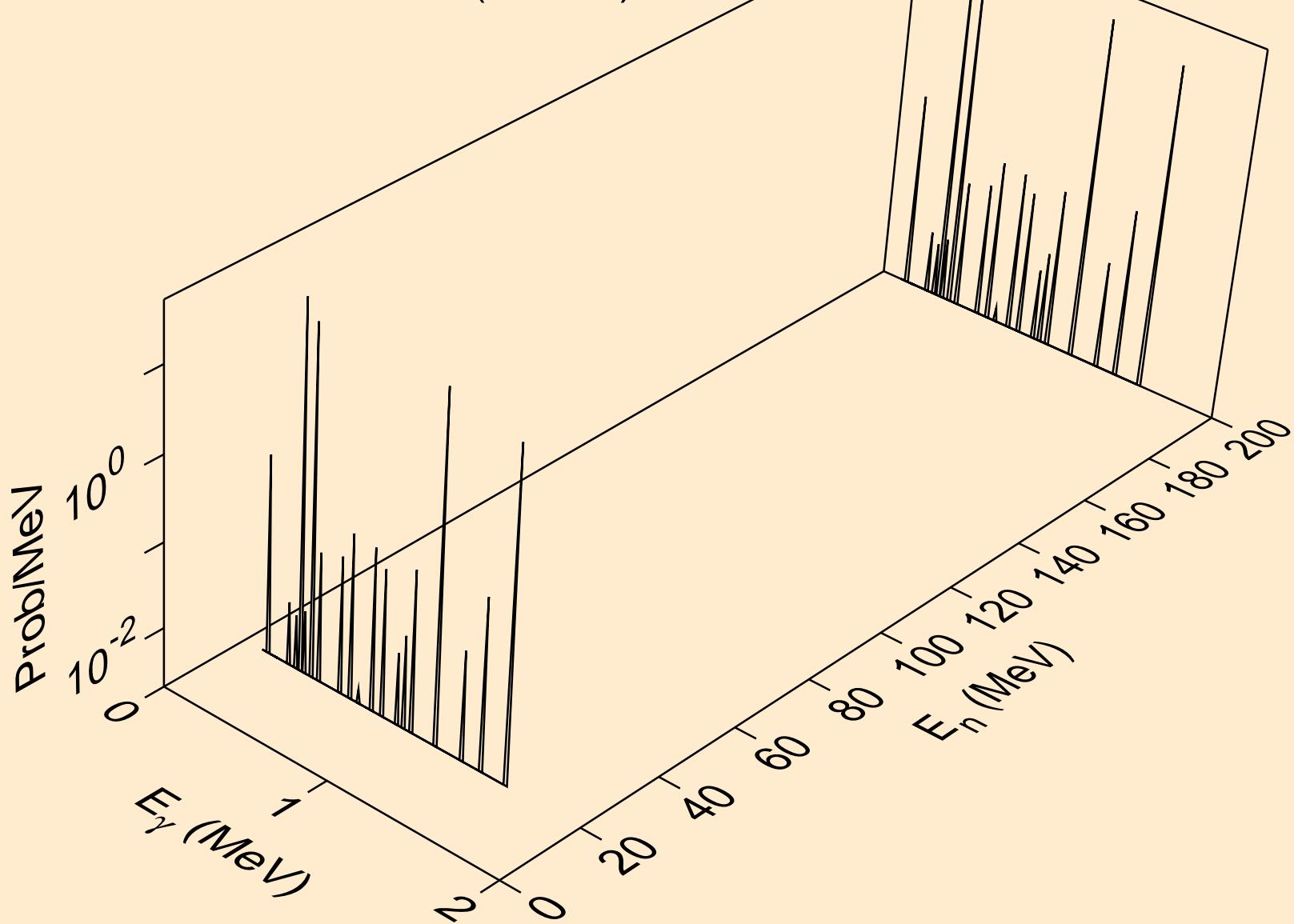
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for ( $n, n^* 27$ )



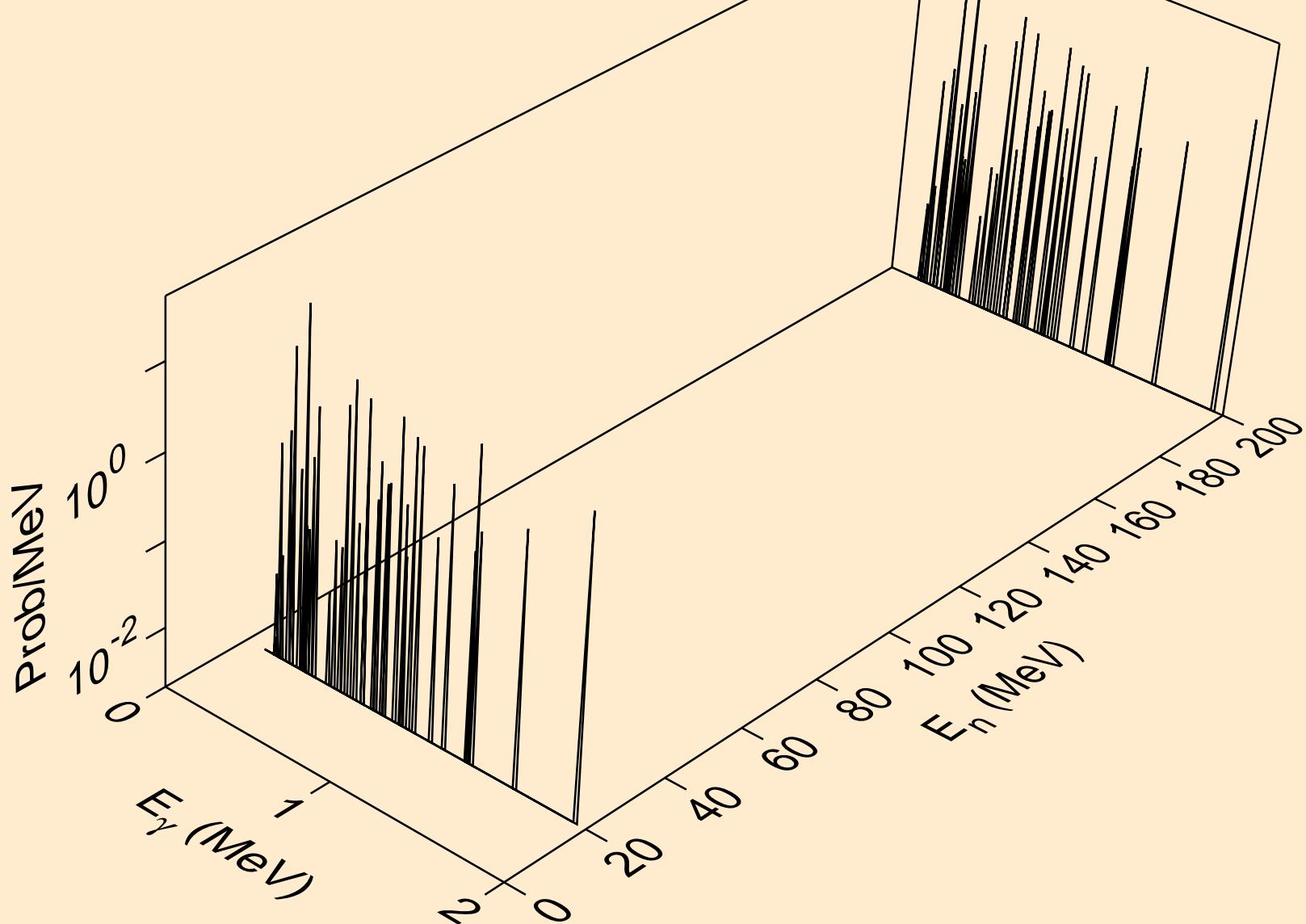
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for ( $n, n^* 28$ )

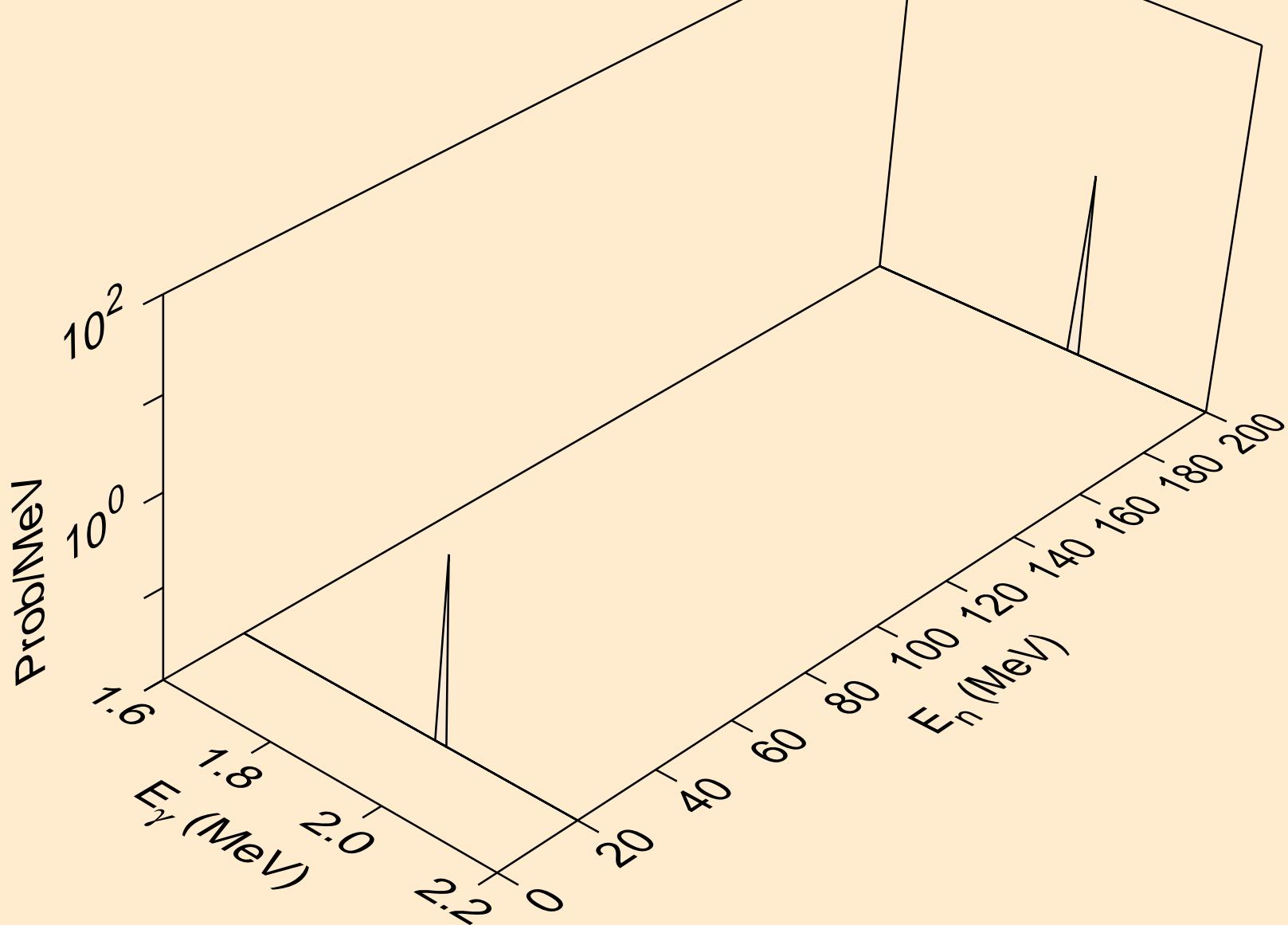


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*29)

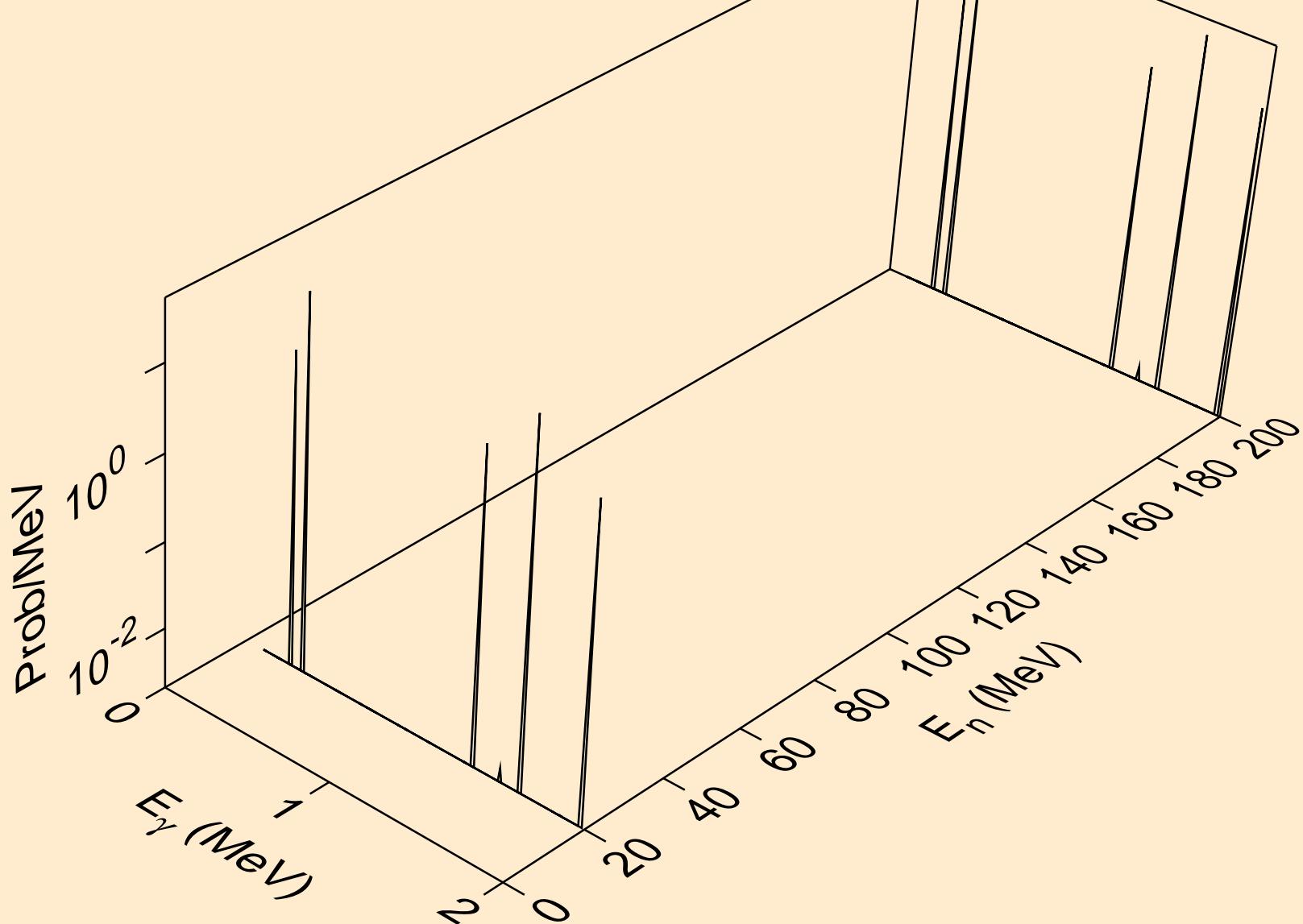


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for ( $n, n^* 30$ )



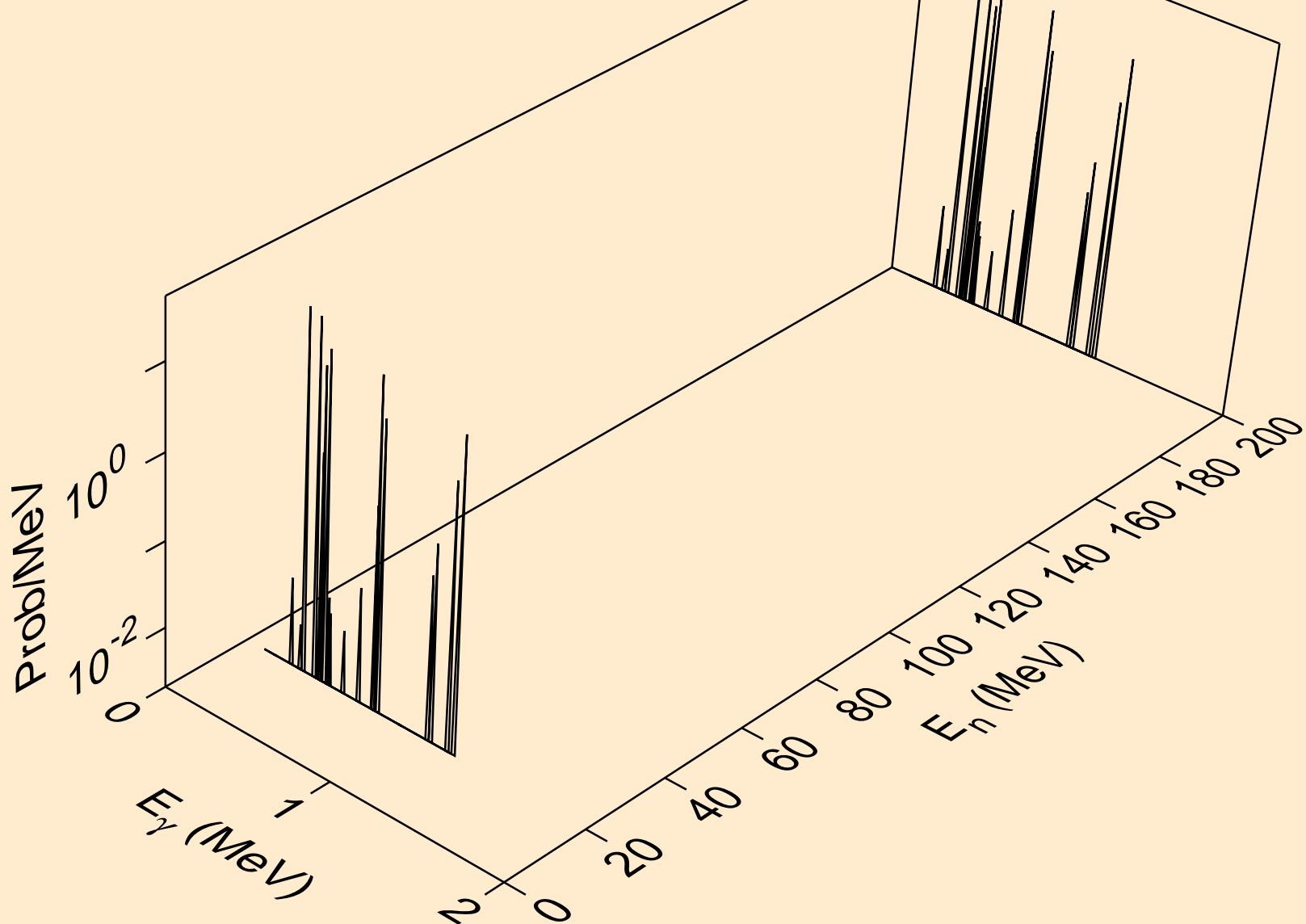
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*31)



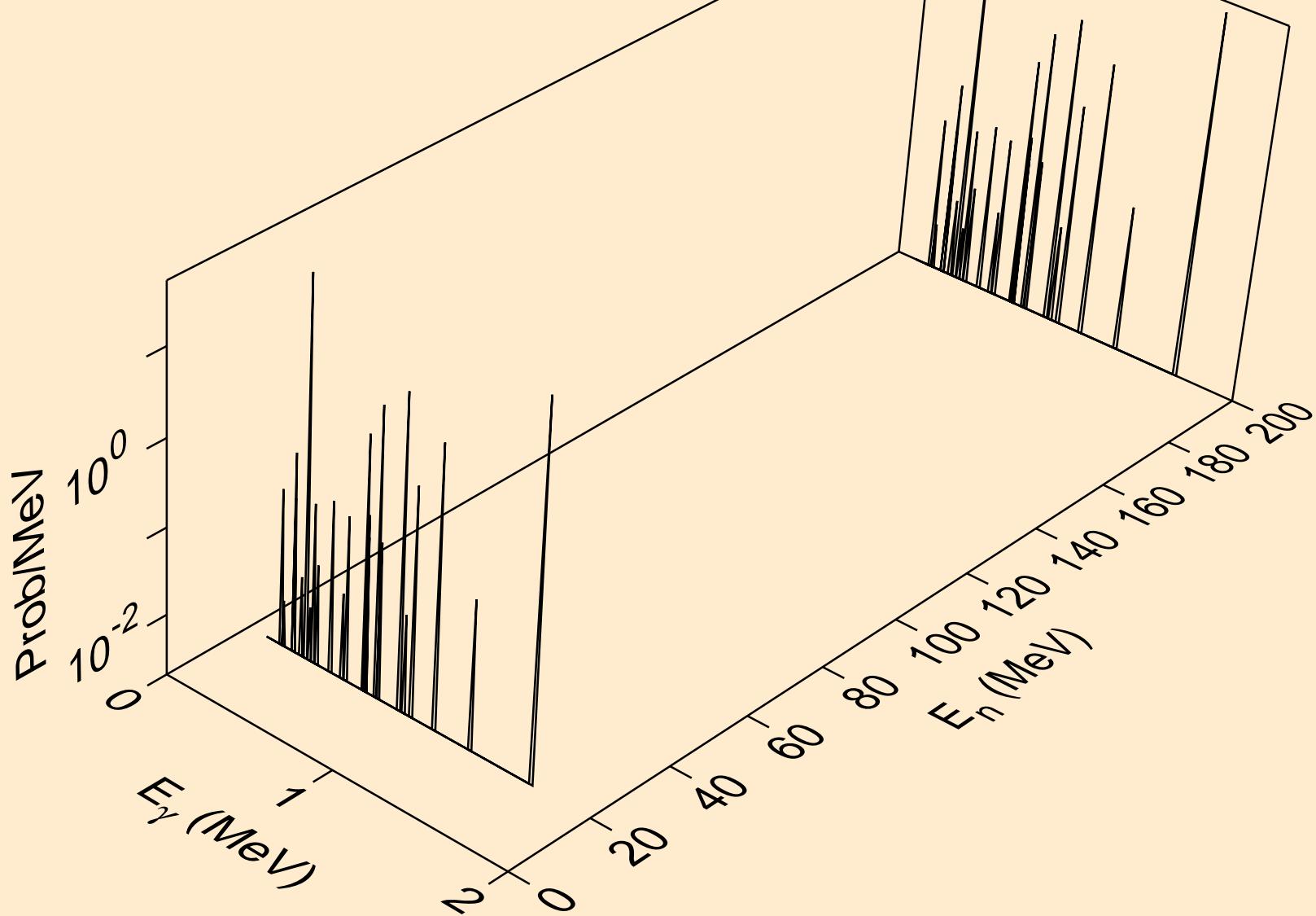
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n\*32)



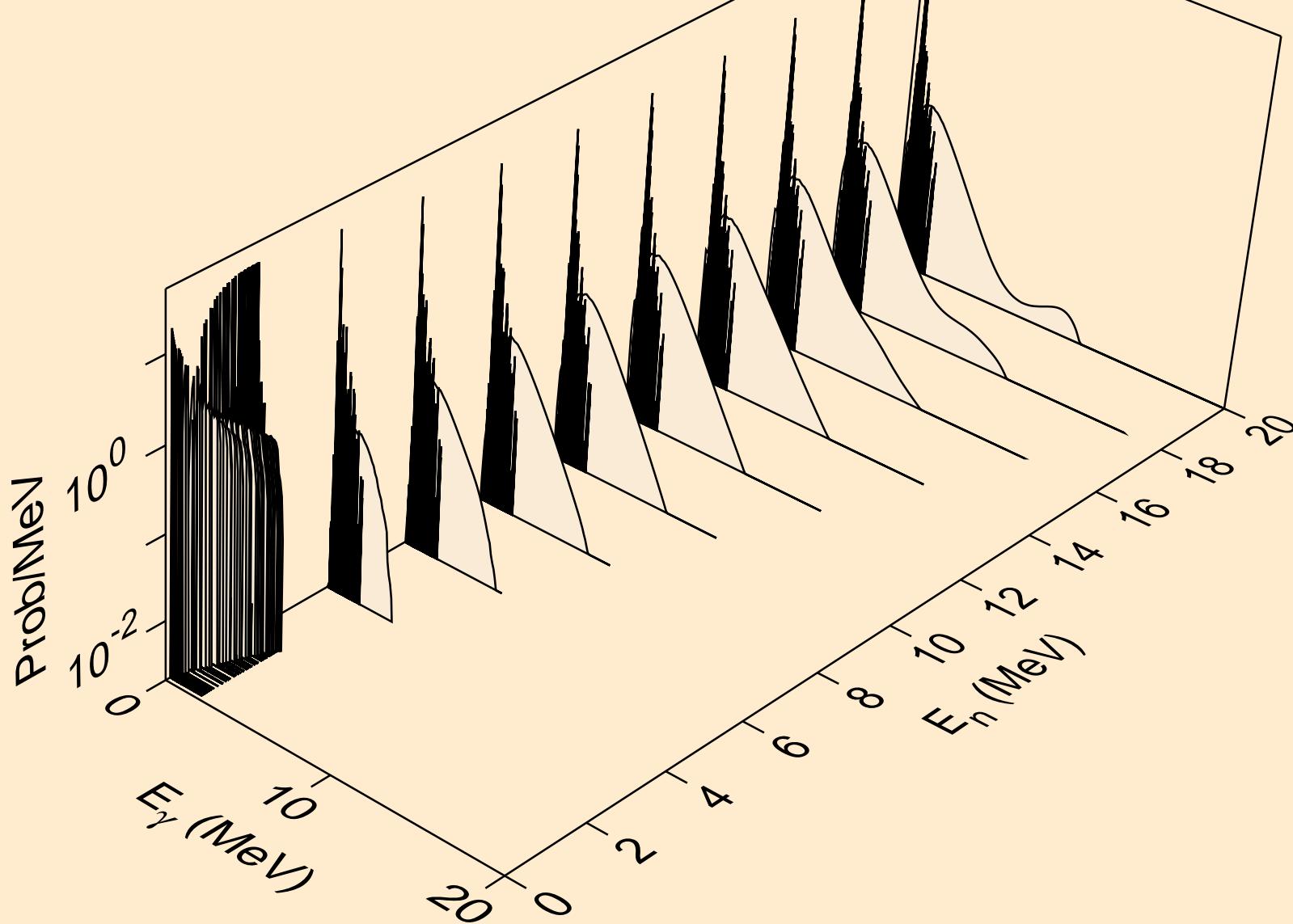
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for ( $n, n^* 33$ )

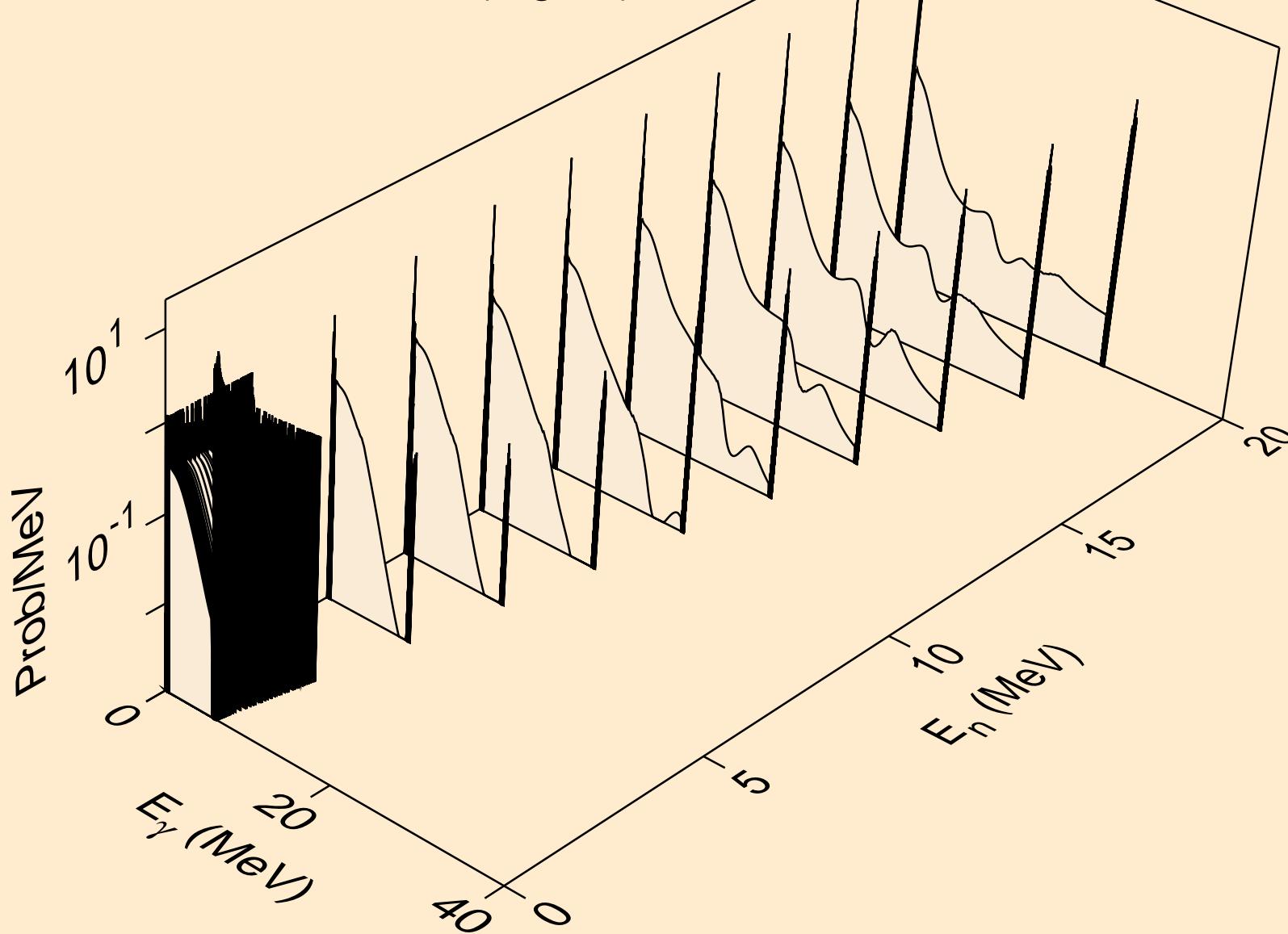


64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)

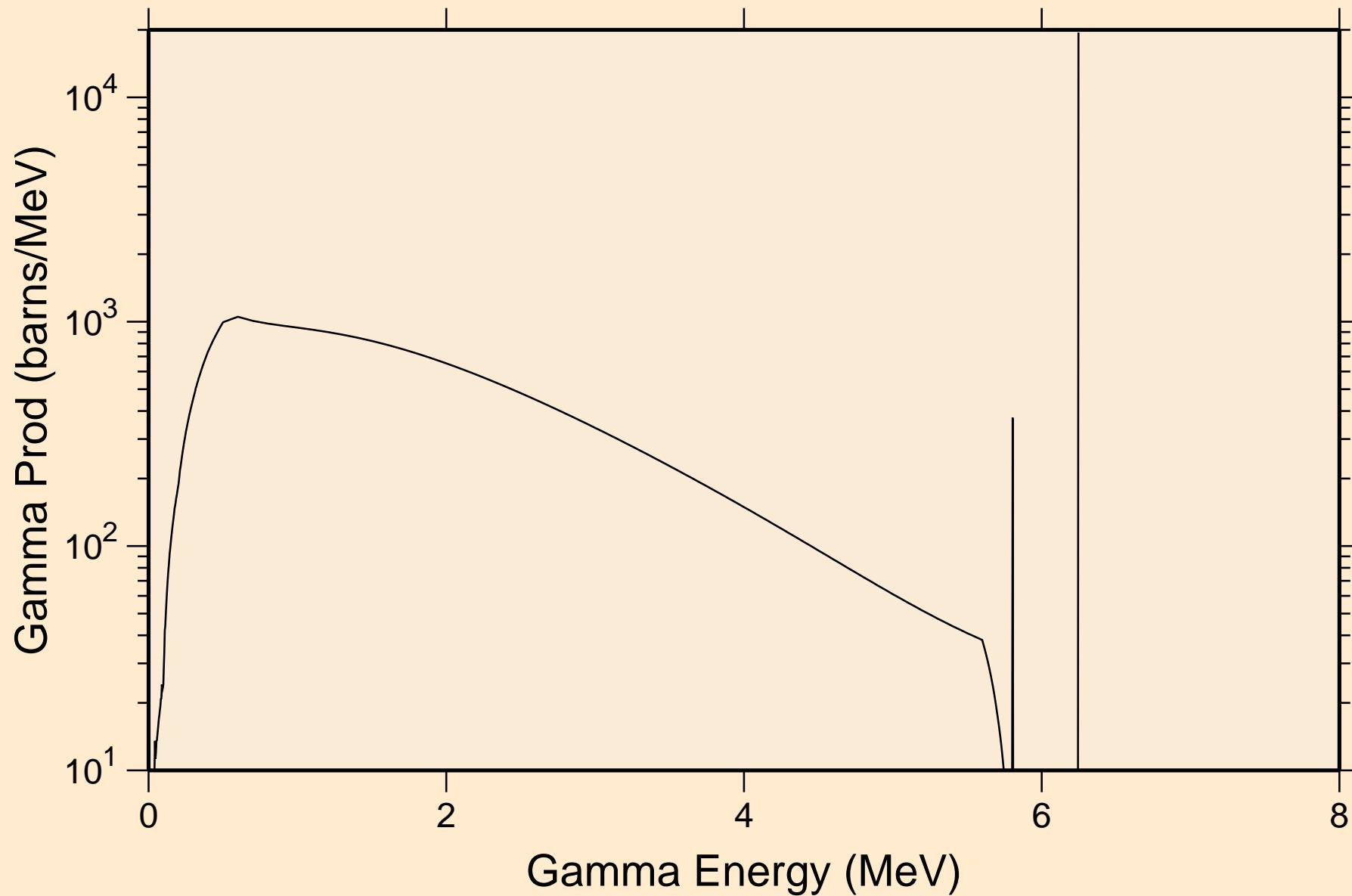
Photon emission for  $(n, n^* c)$



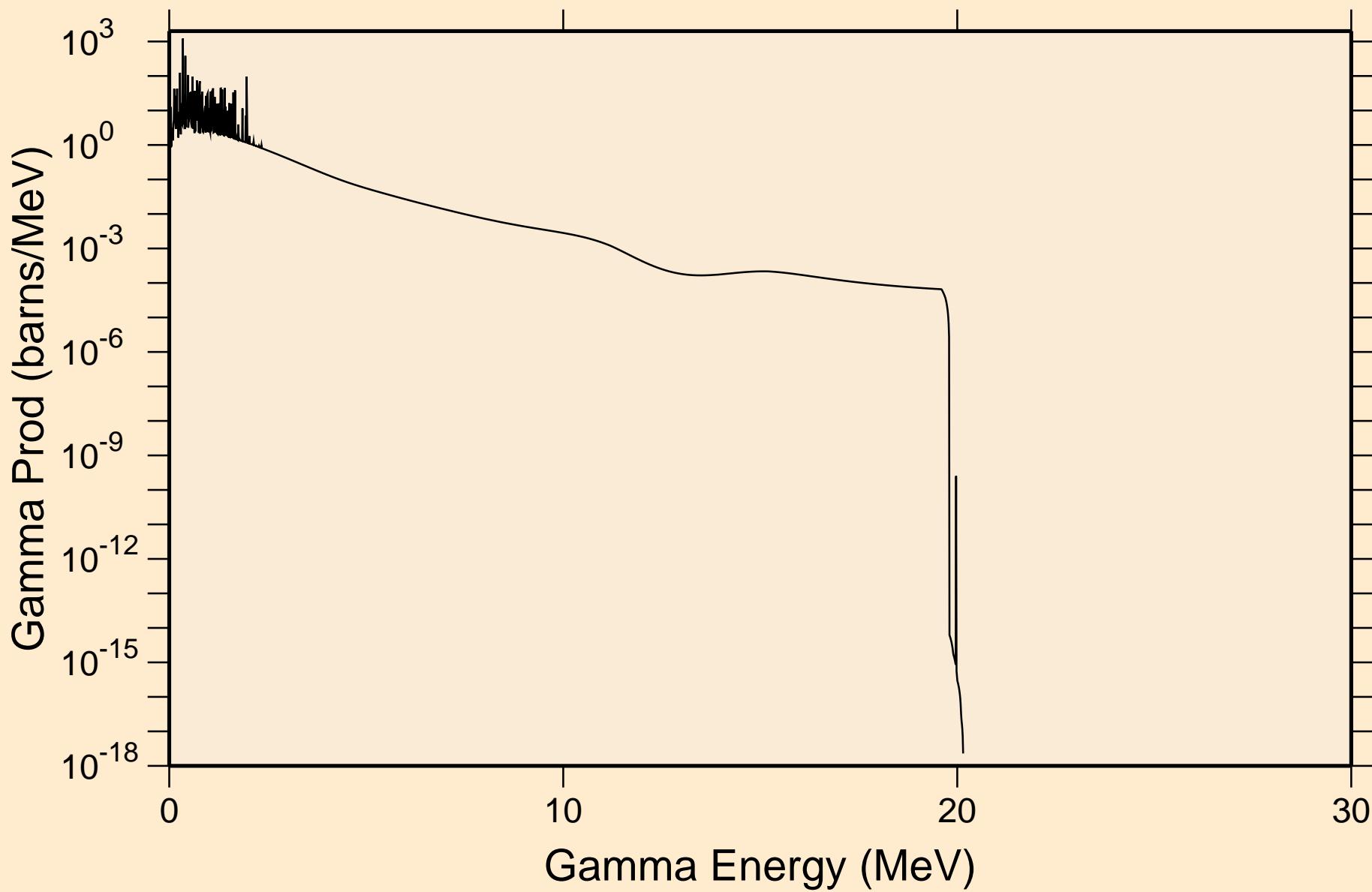
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,gma)



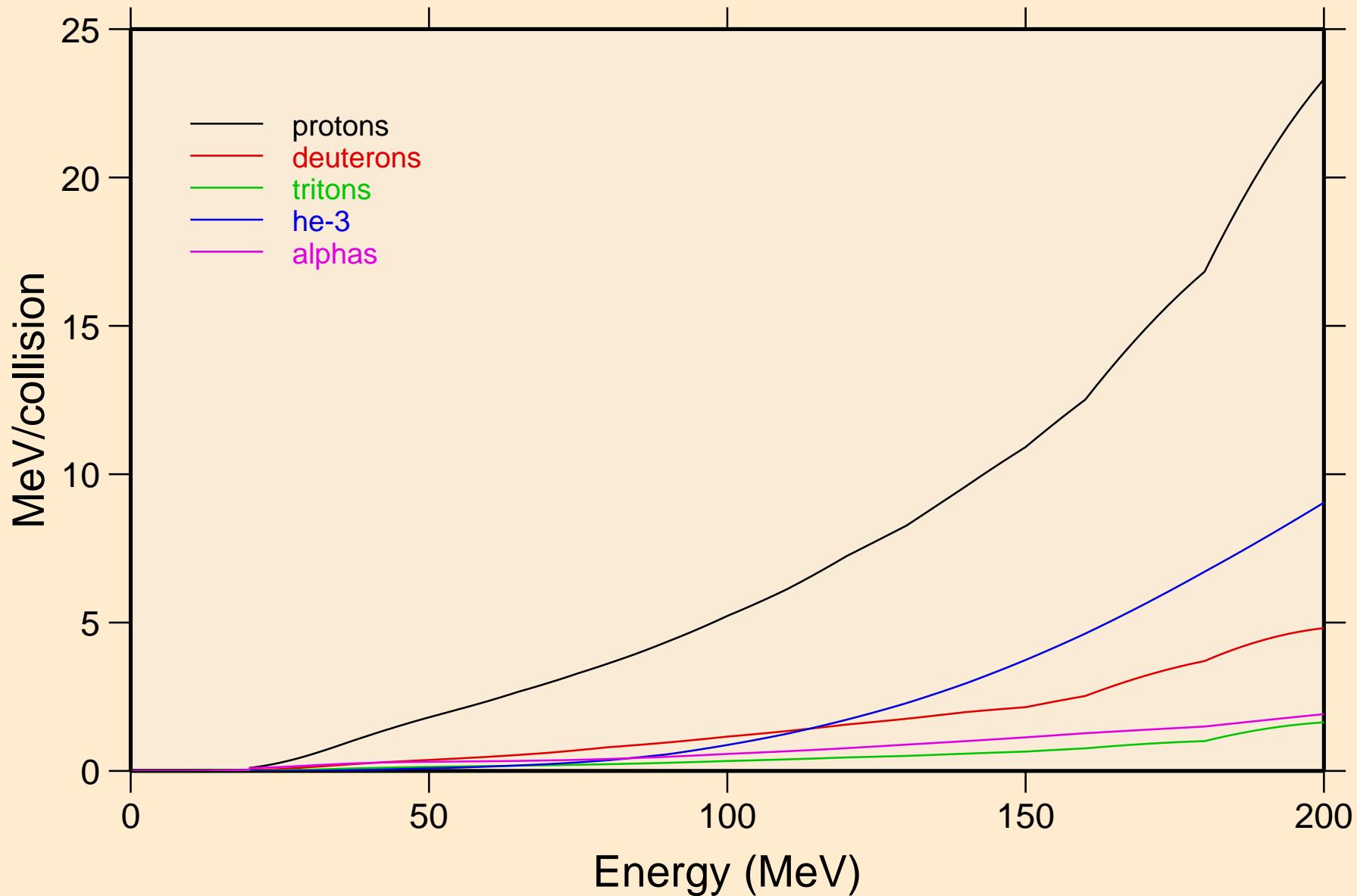
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
thermal capture photon spectrum



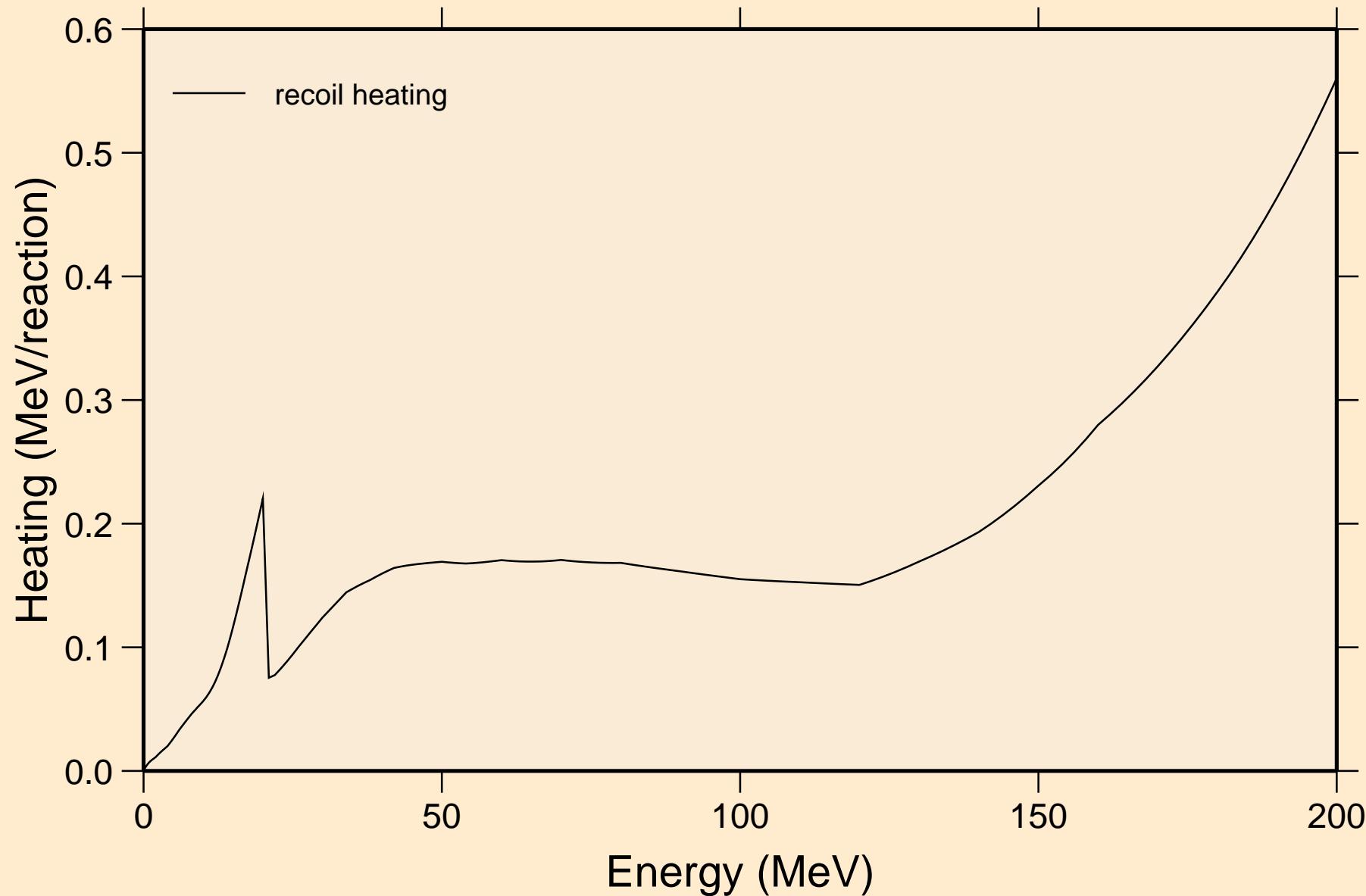
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
14 MeV photon spectrum



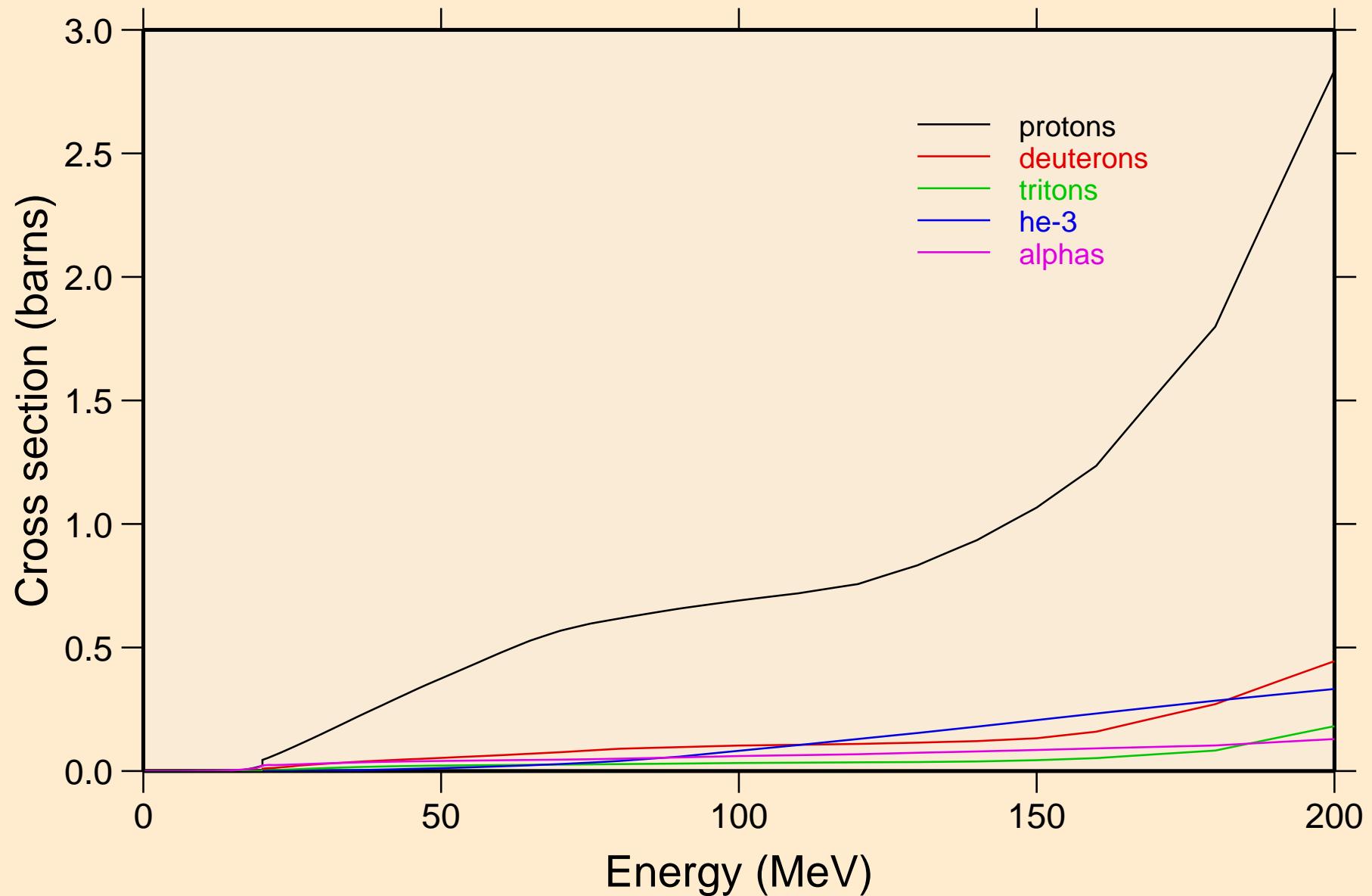
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Particle heating contributions



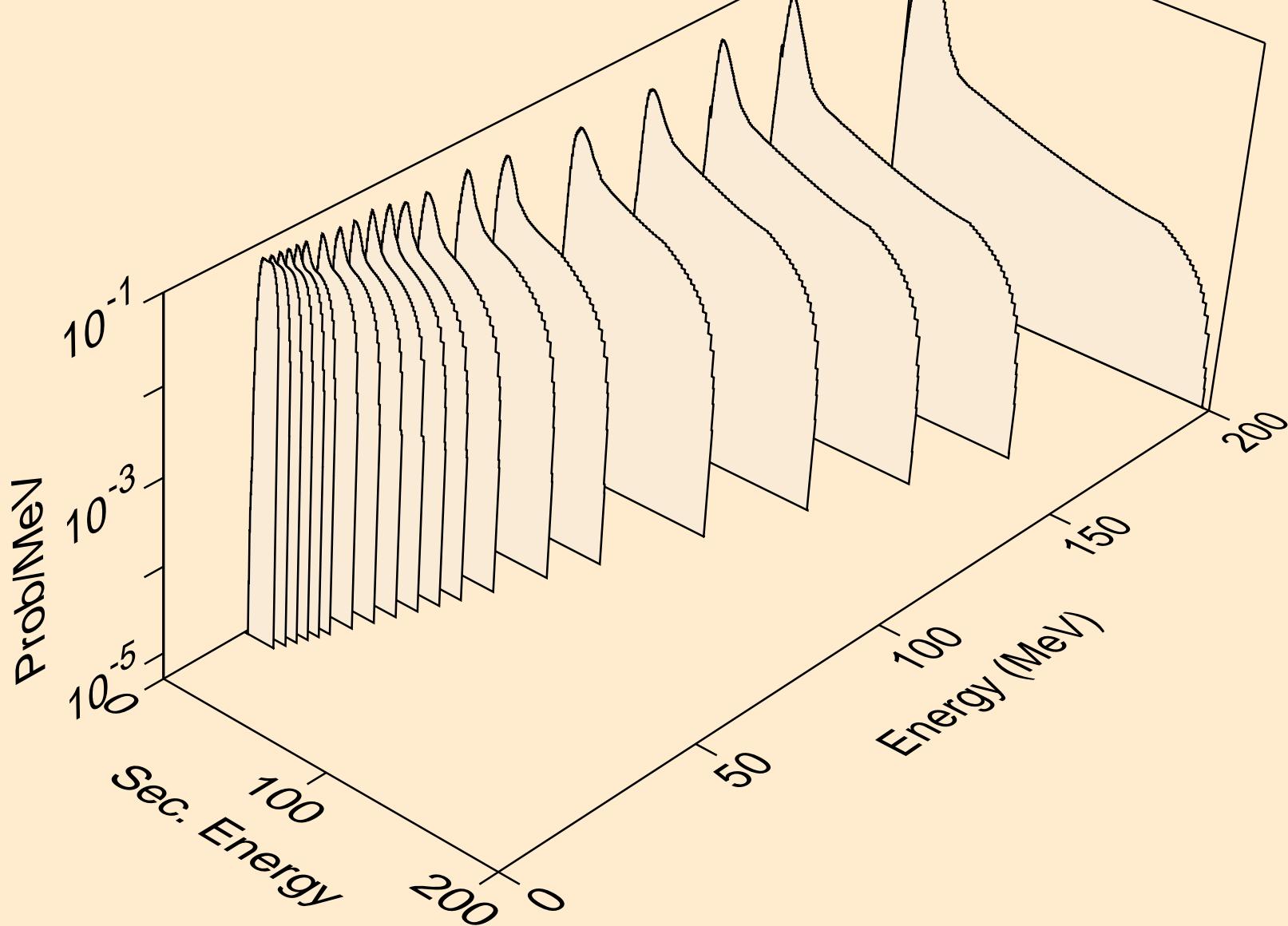
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Recoil Heating



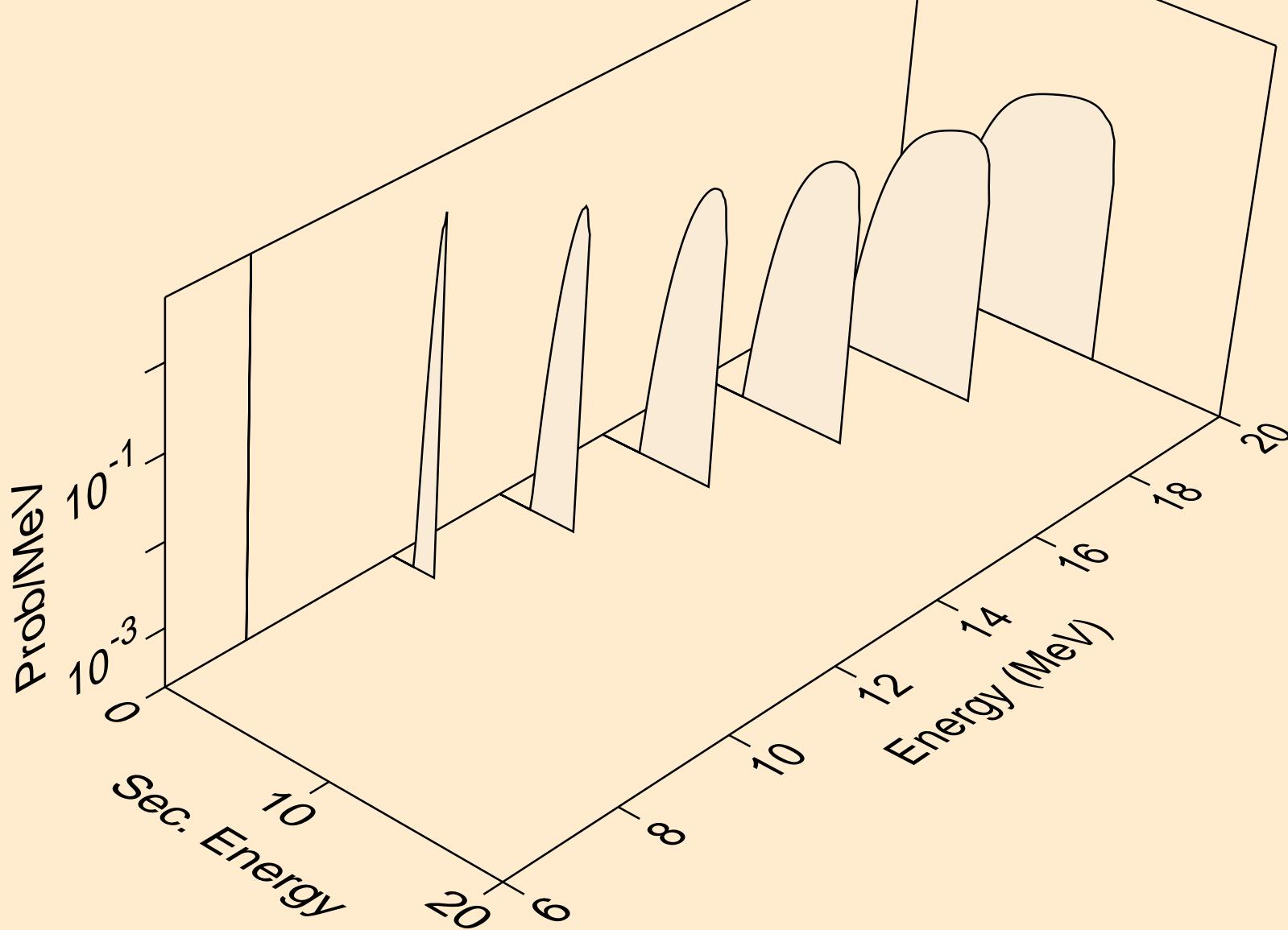
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
Particle production cross sections



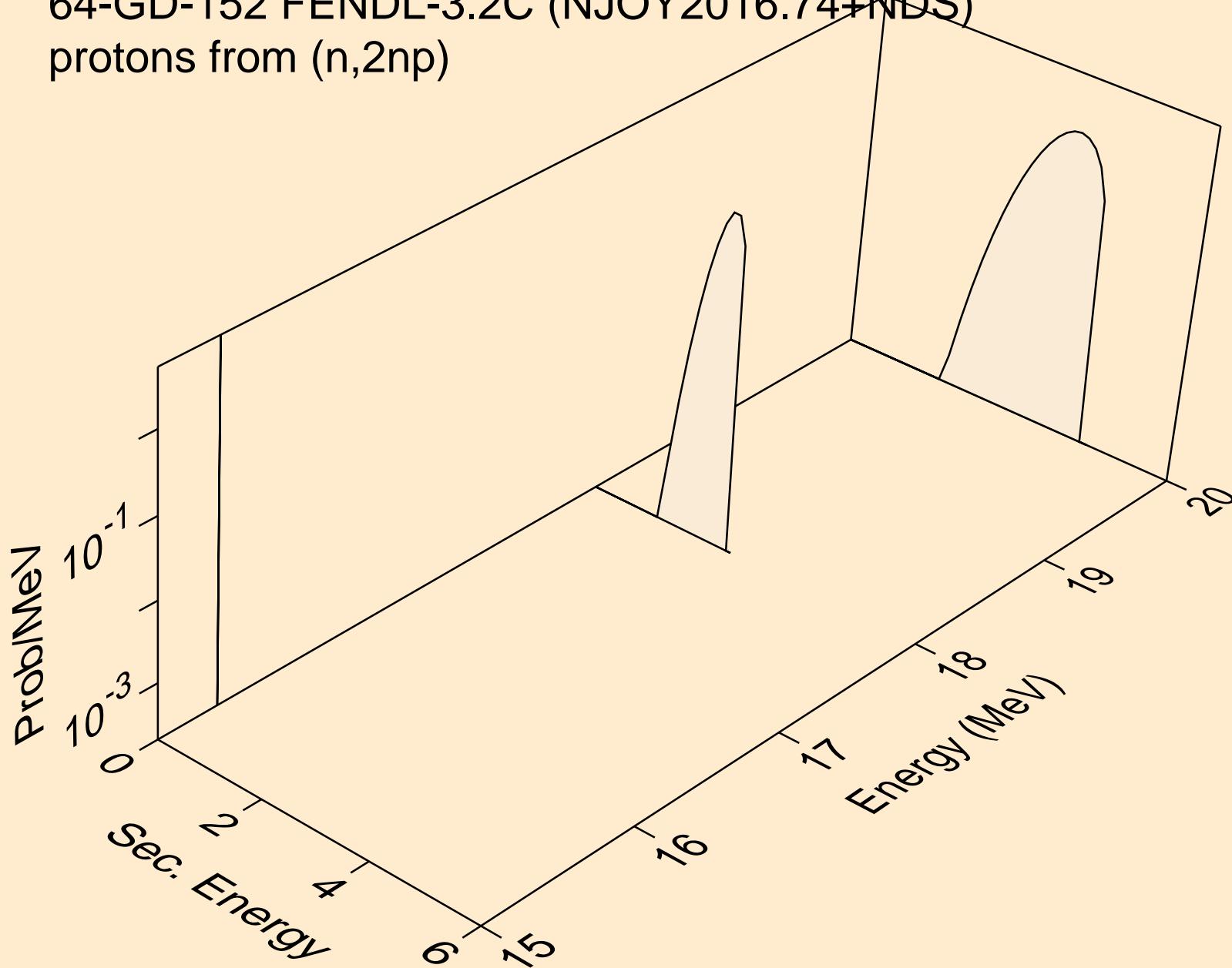
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
protons from ( $n,x$ )



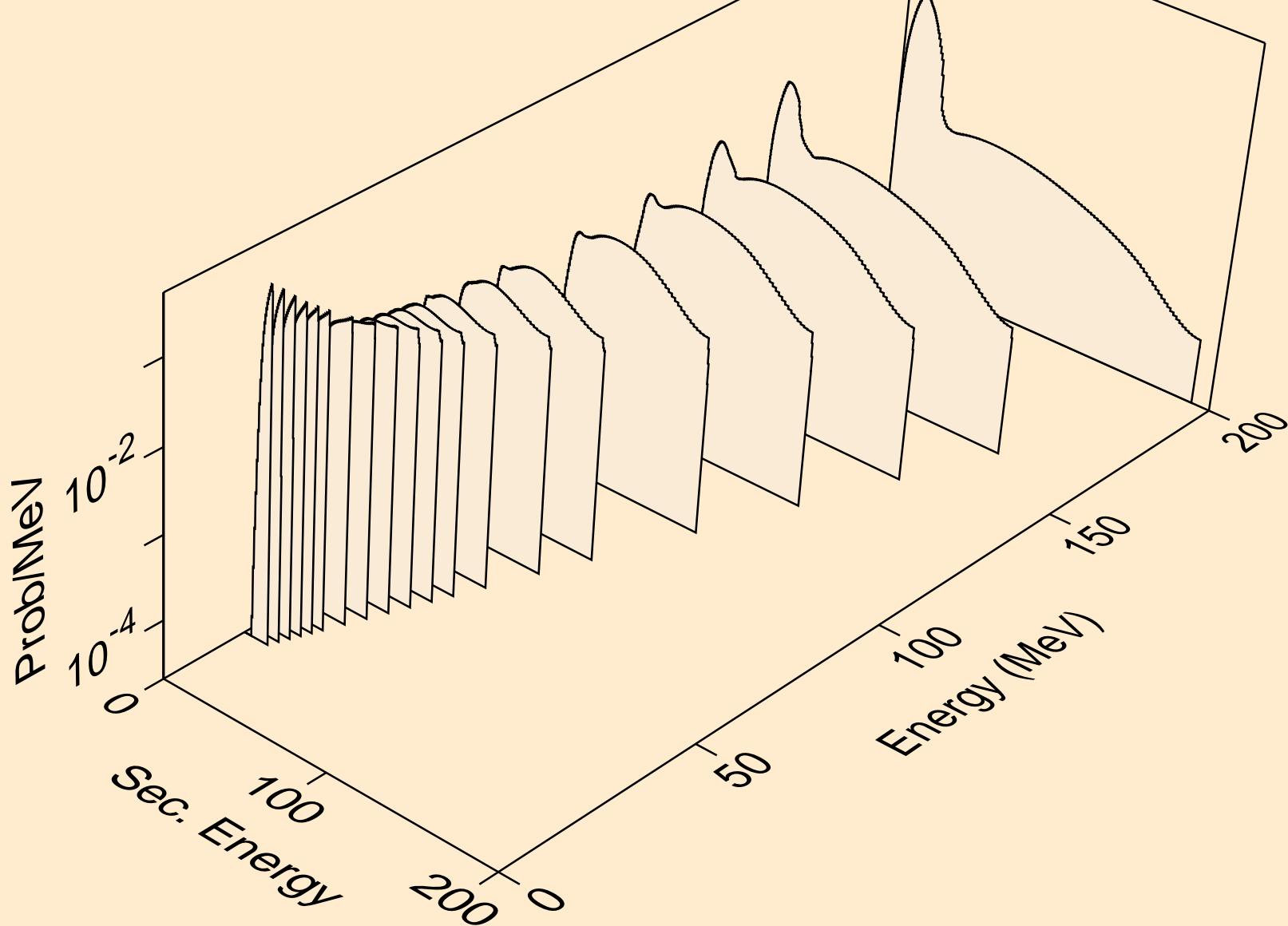
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
protons from (n,np)



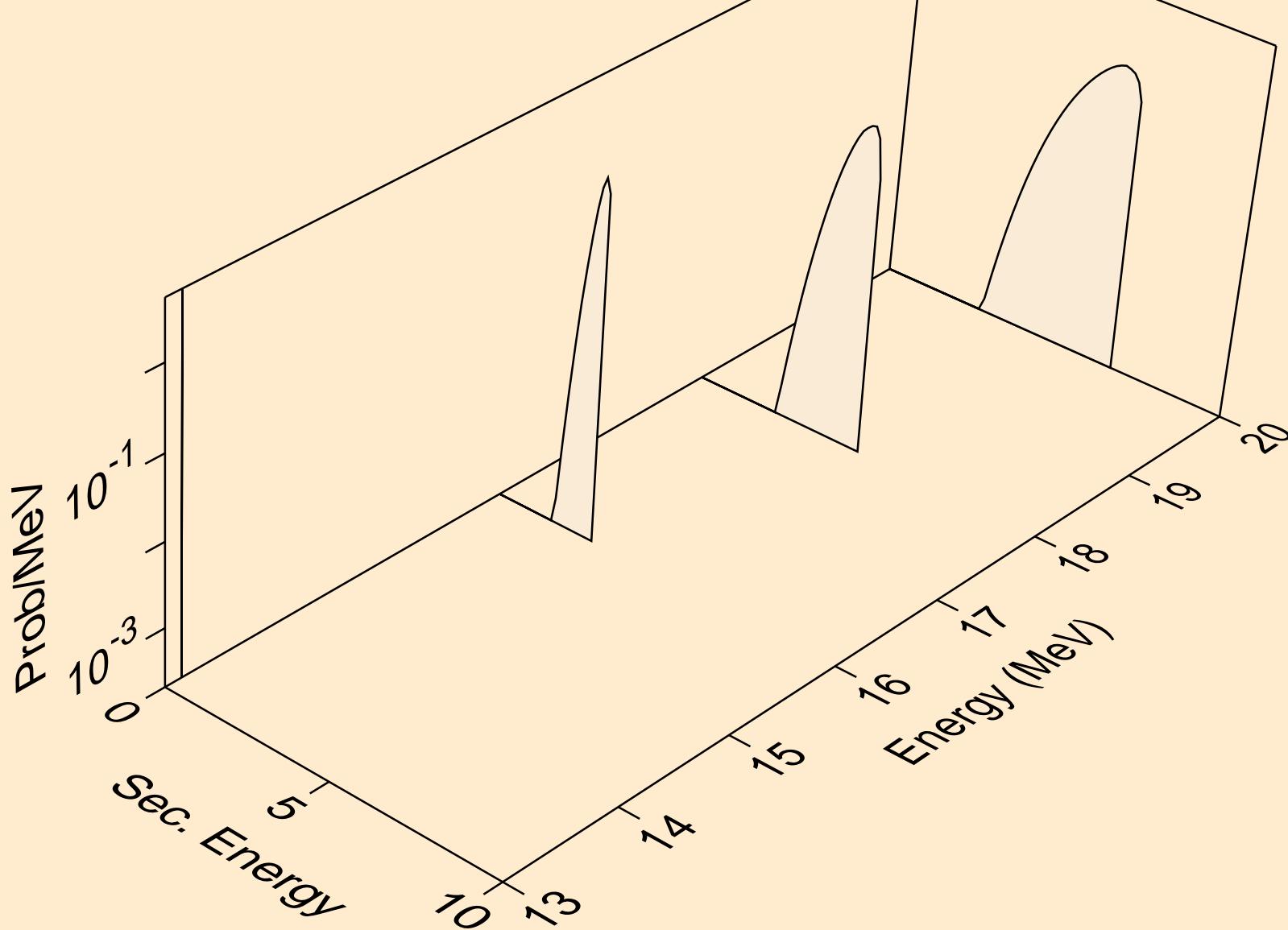
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protons from ( $n,2np$ )



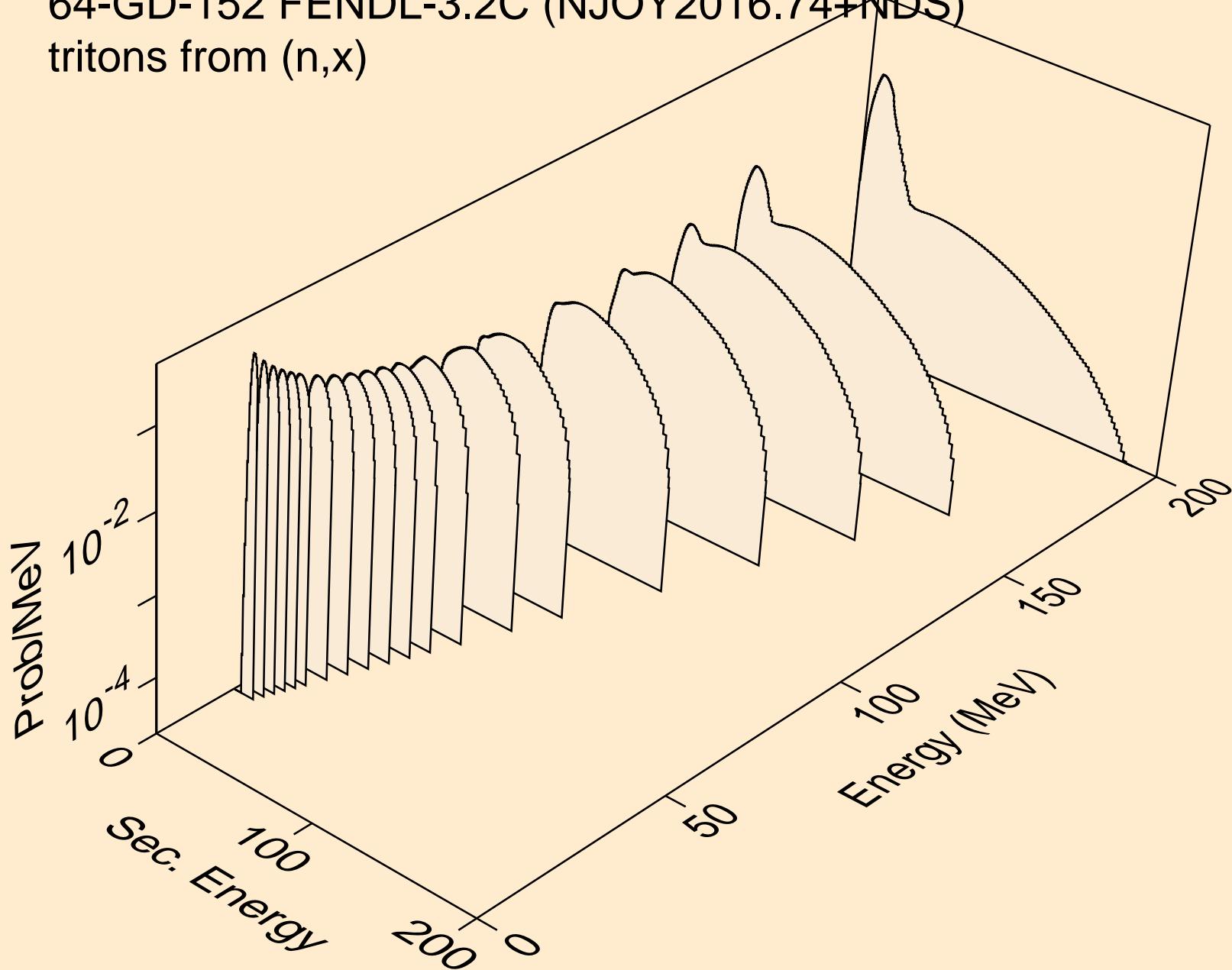
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
deuterons from ( $n,x$ )



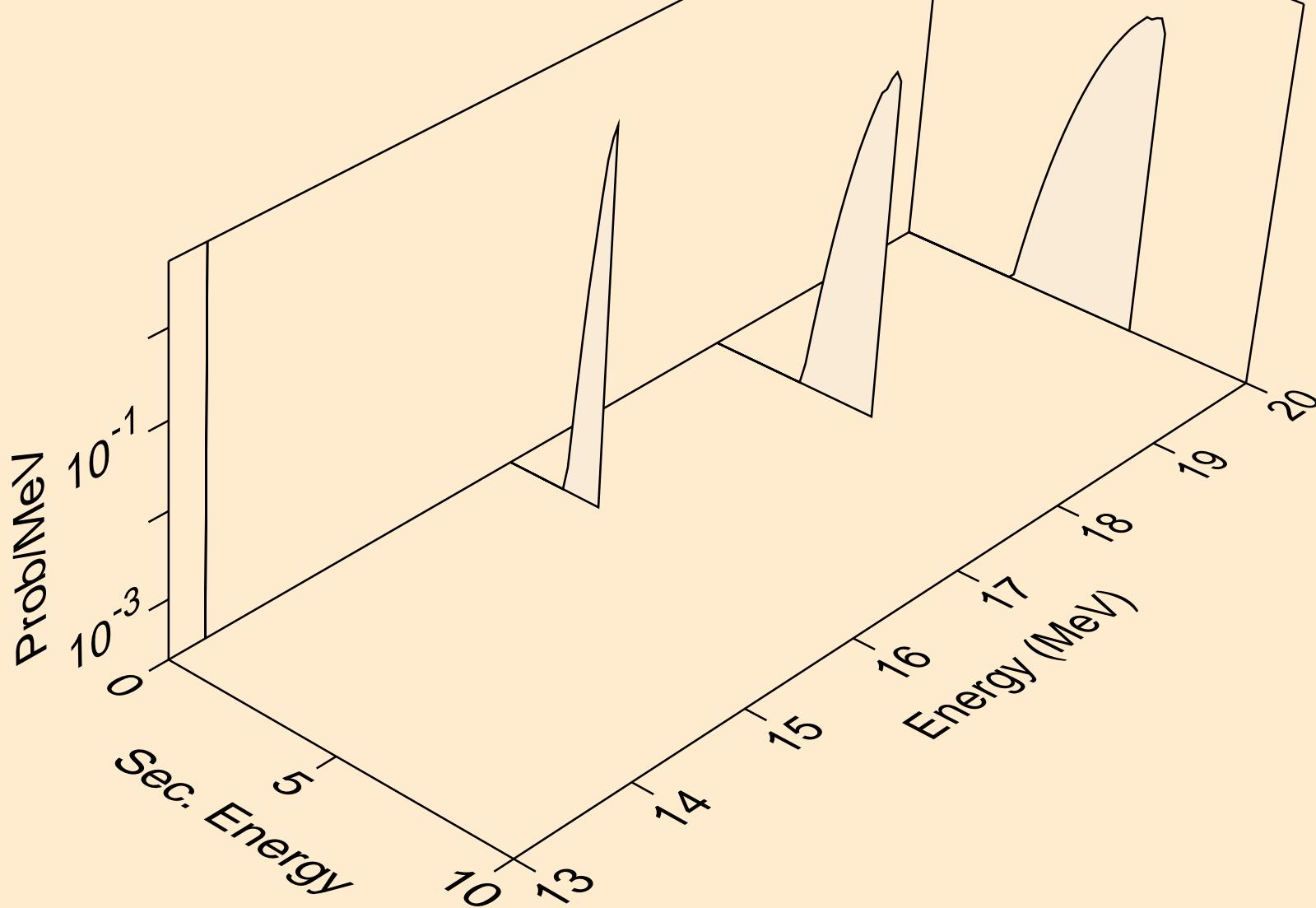
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
deuterons from ( $n,nd$ )



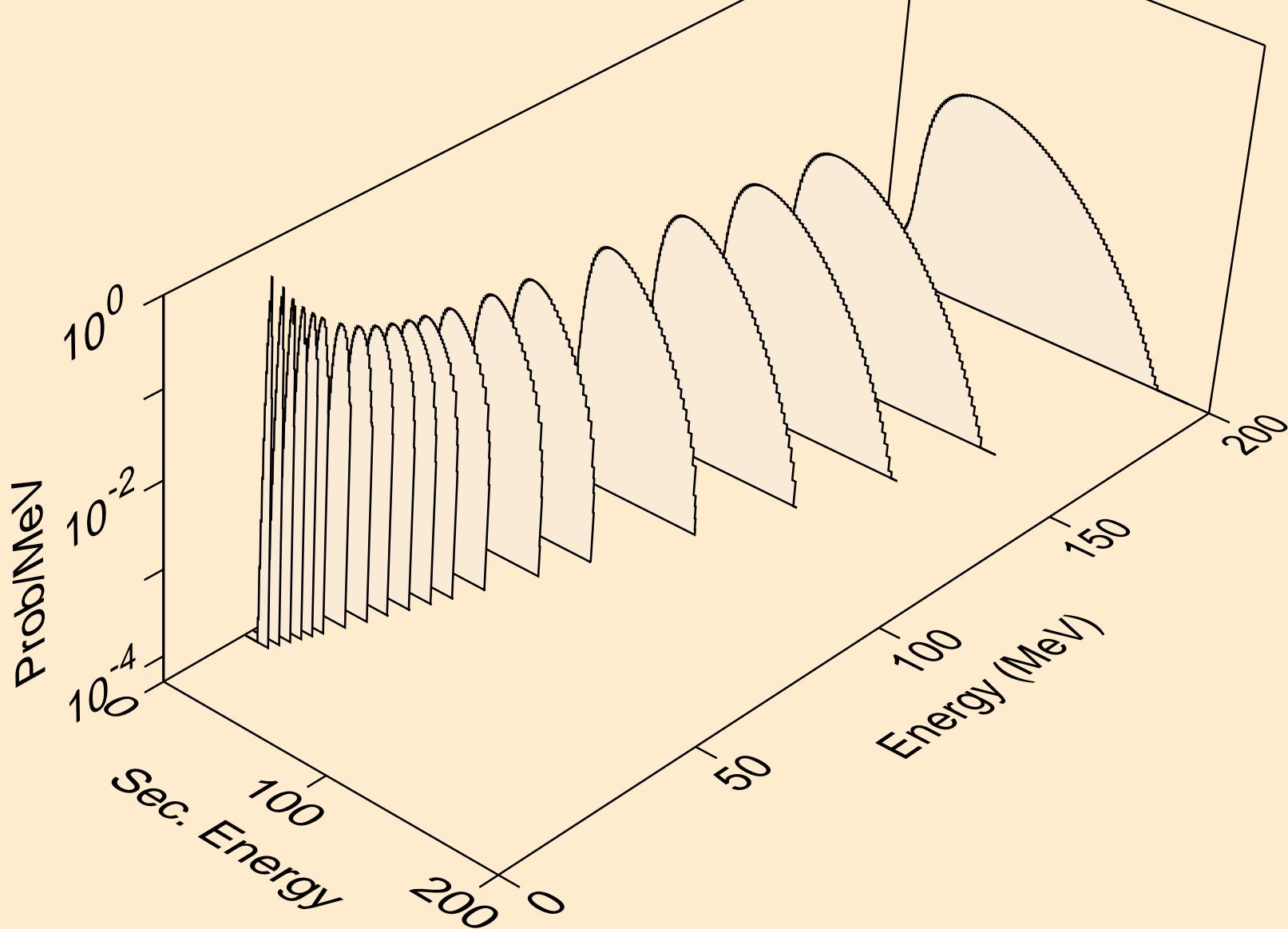
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
tritons from ( $n,x$ )



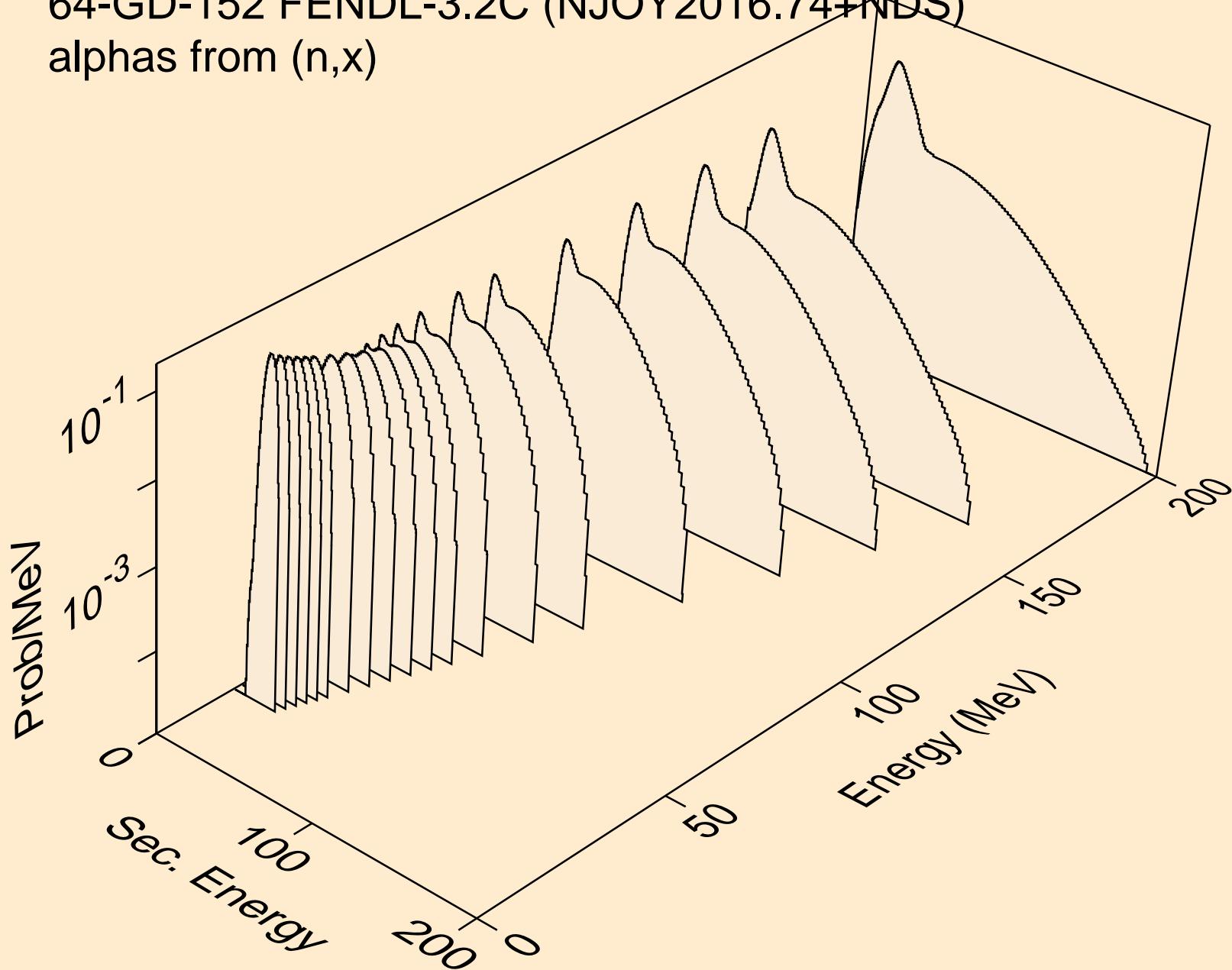
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
tritons from (n,nt)



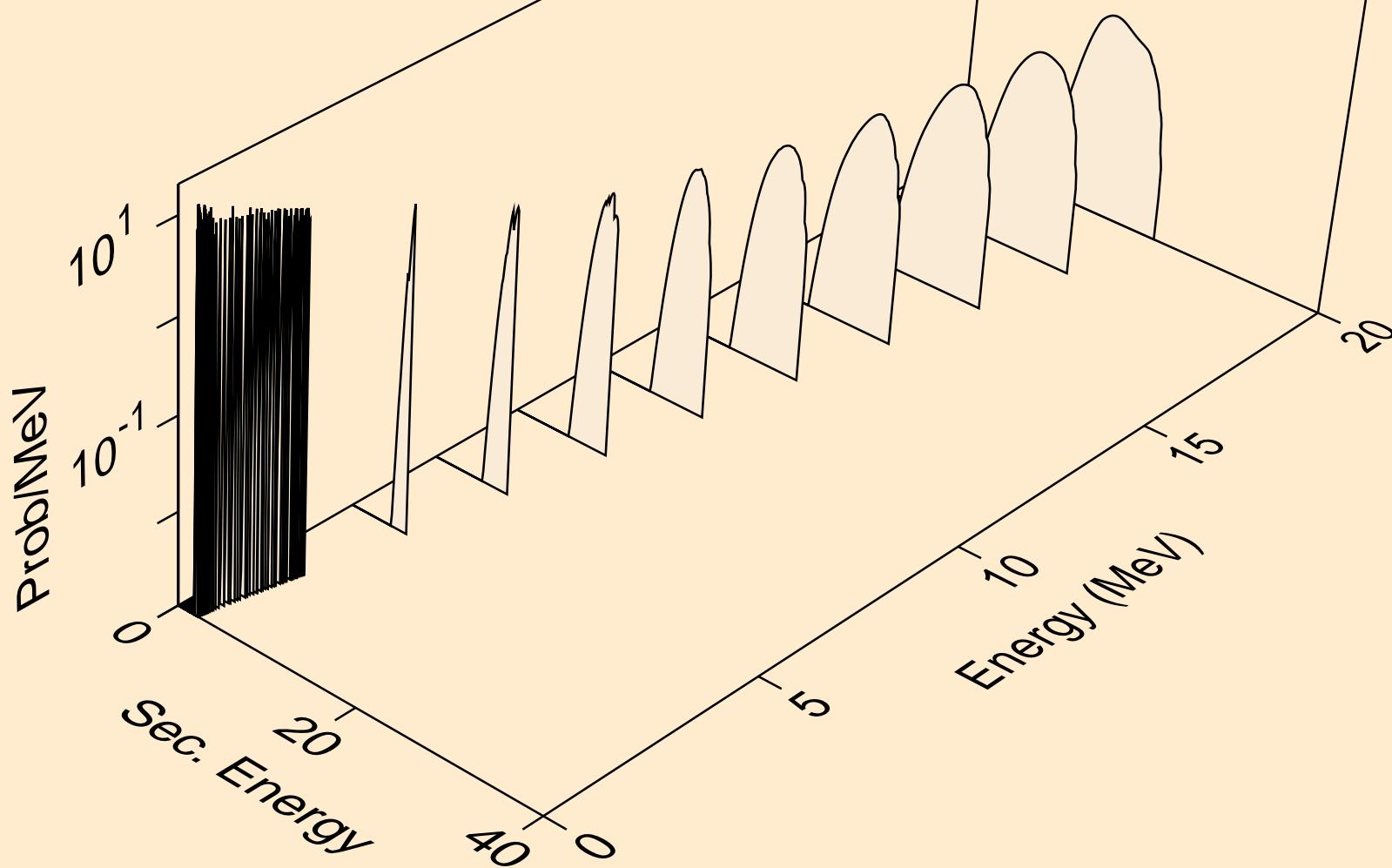
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
he3s from (n,x)



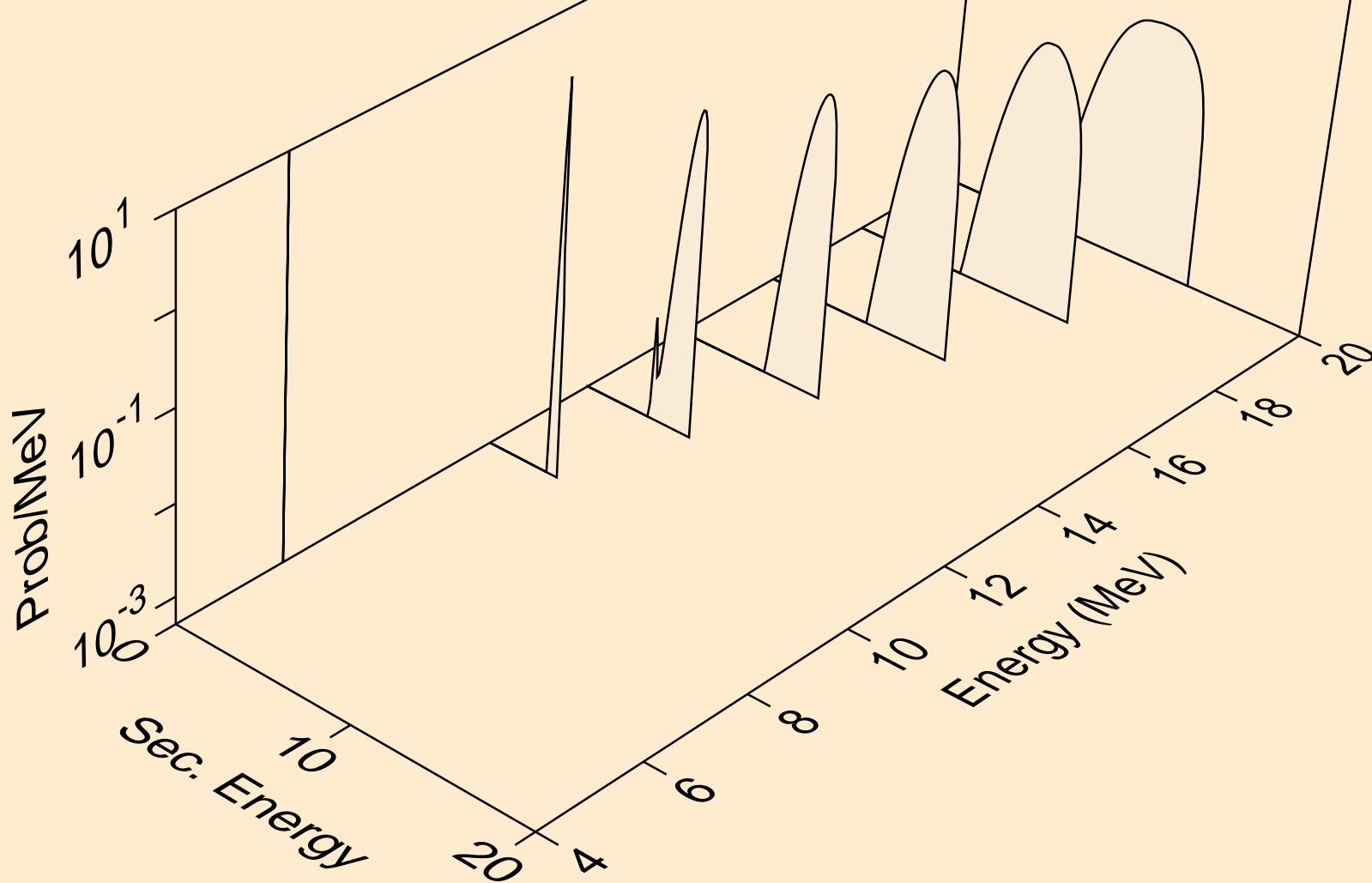
64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
alphas from (n,x)



64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
alphas from (n,na)



64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
alphas from (n,2na)



64-GD-152 FENDL-3.2C (NJOY2016.74+NDS)  
alphas from (n,3na)

