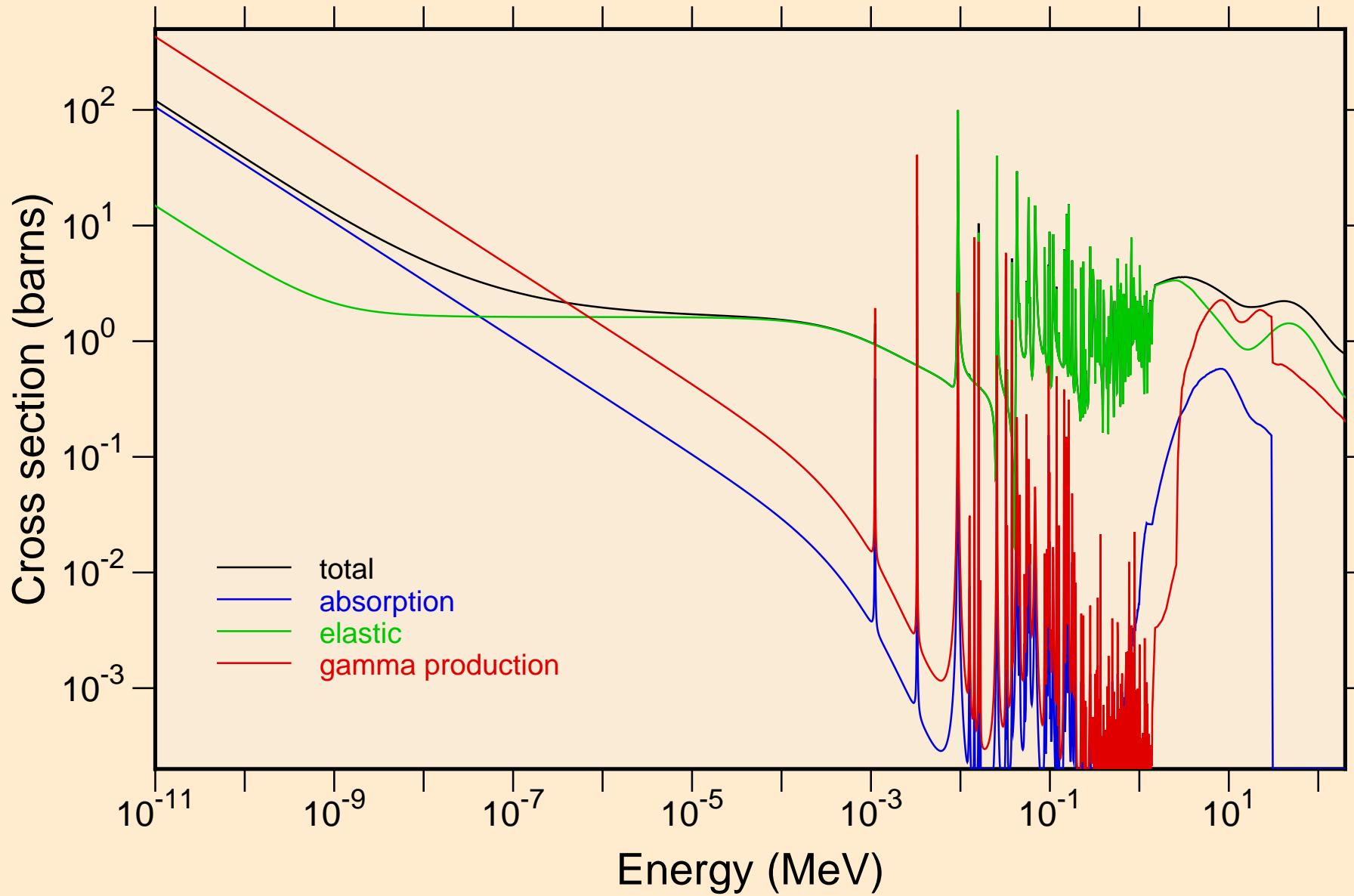
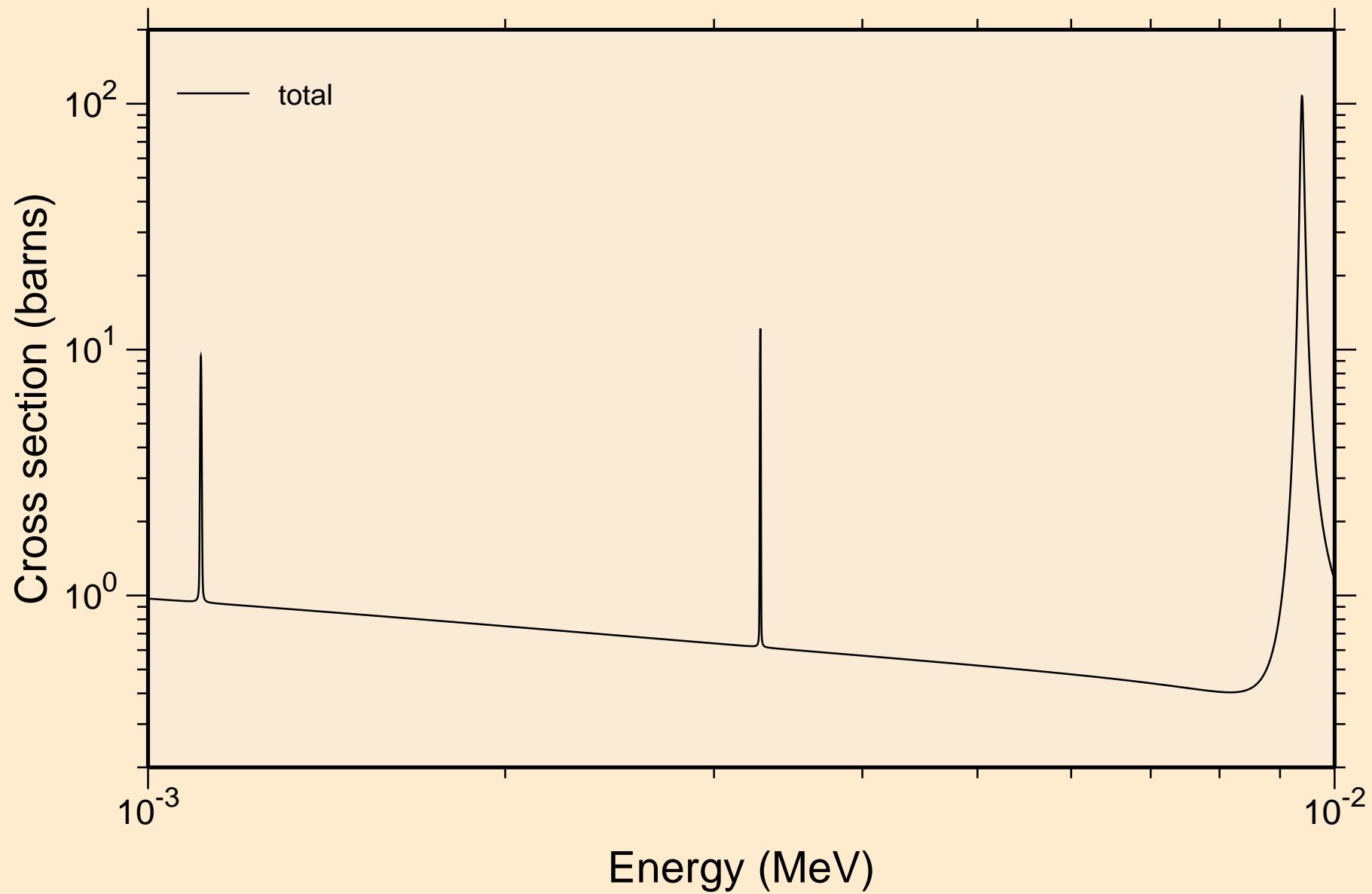


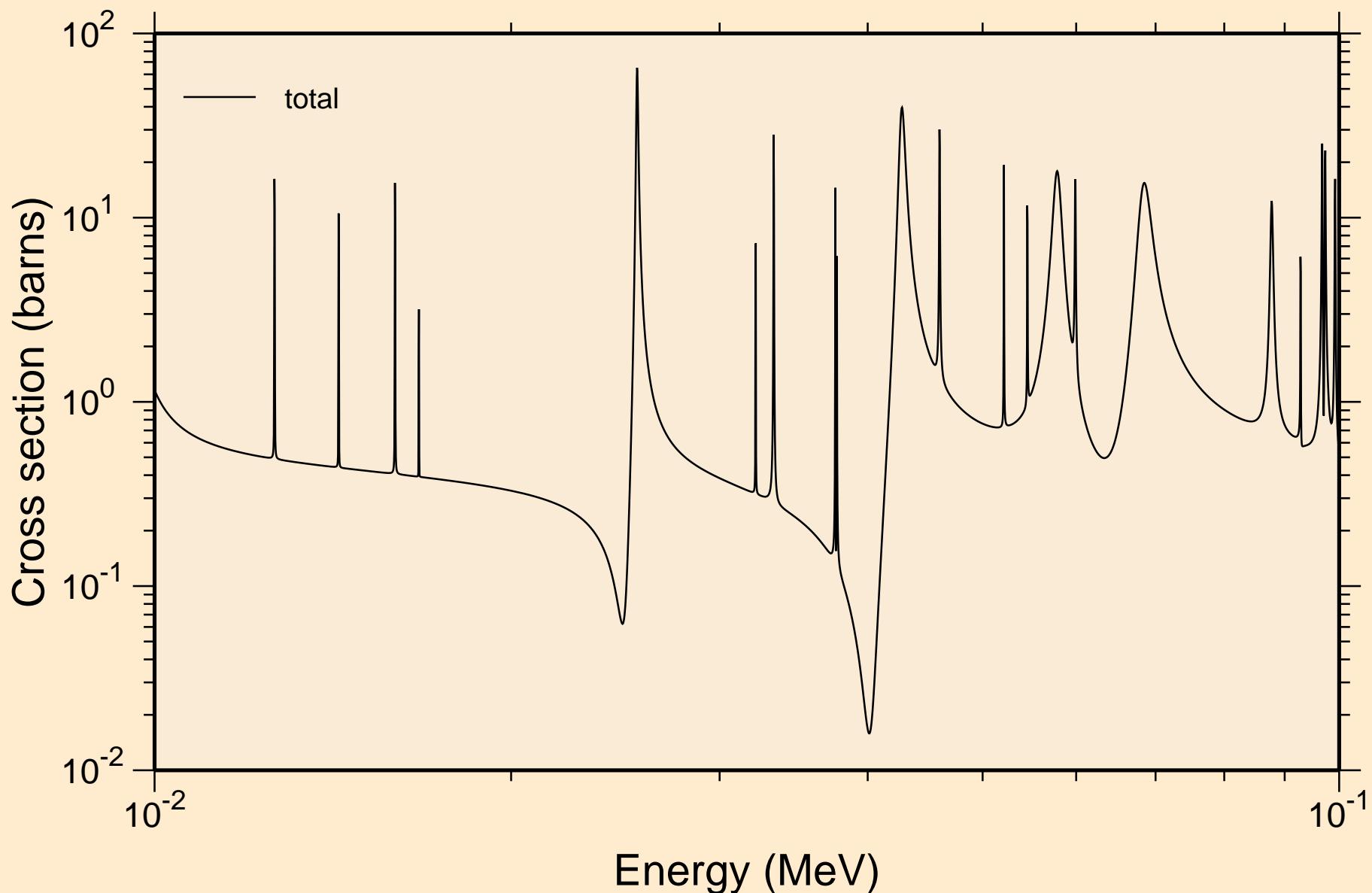
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Principal cross sections



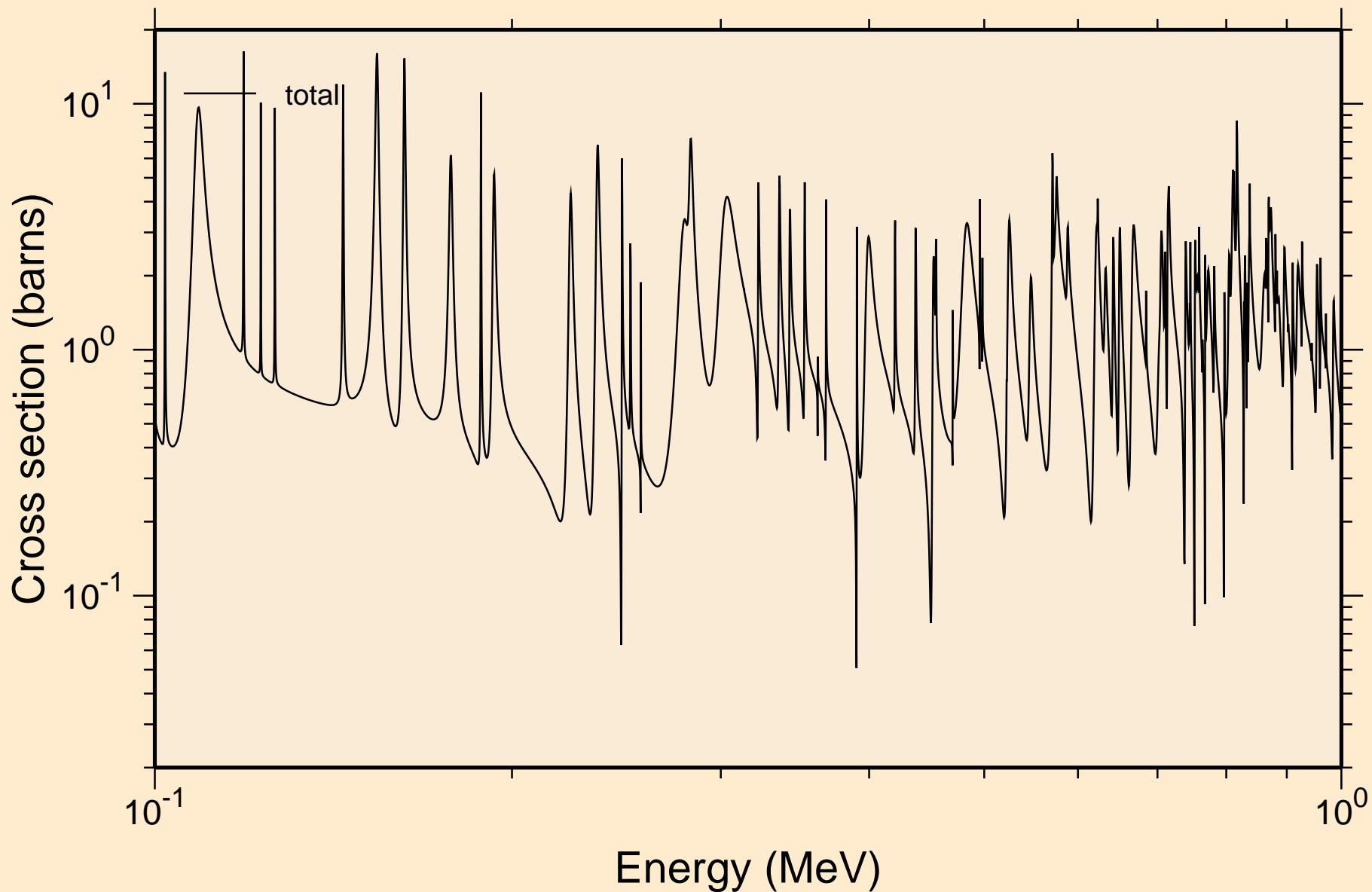
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance total cross section



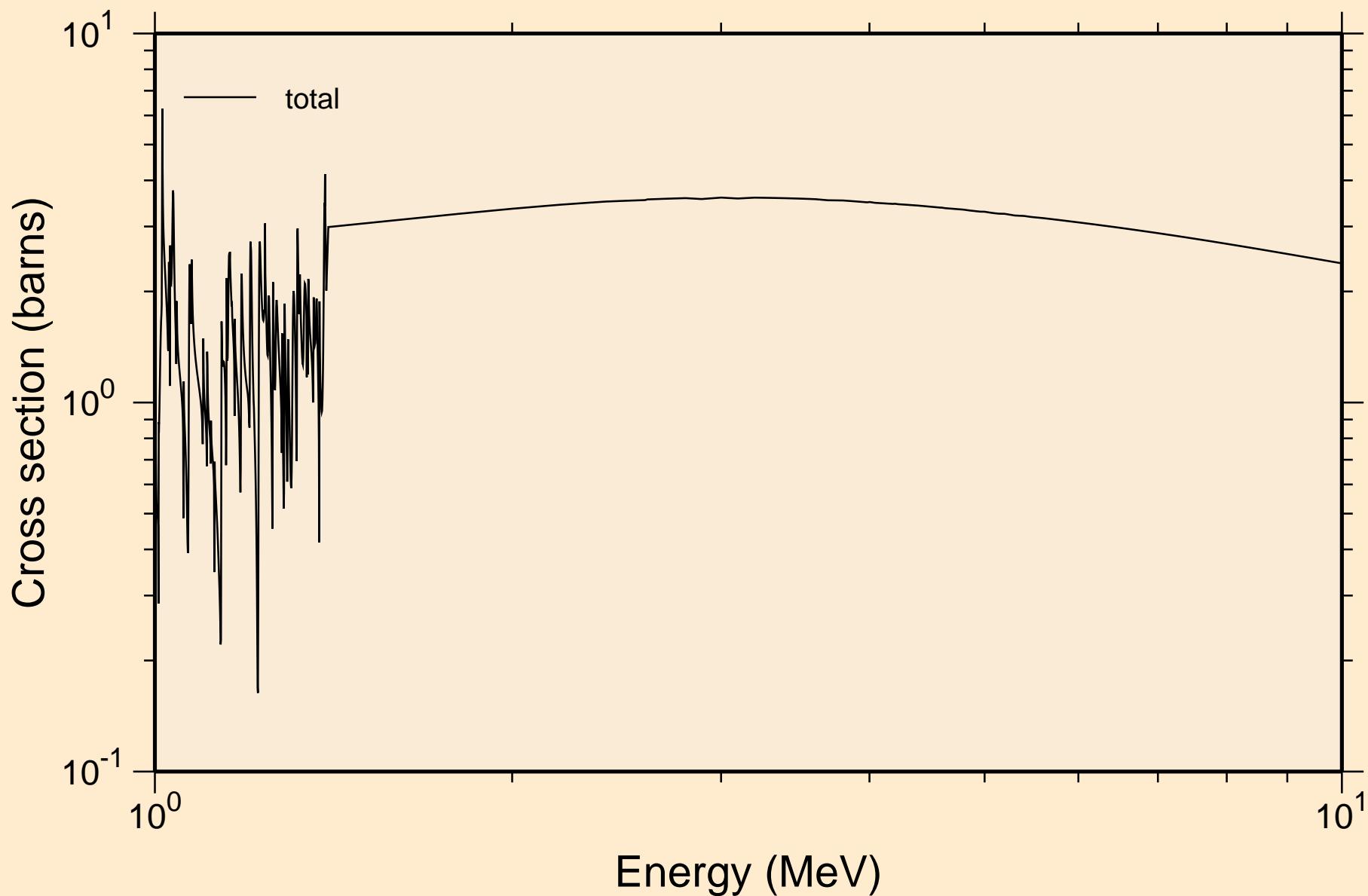
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance total cross section



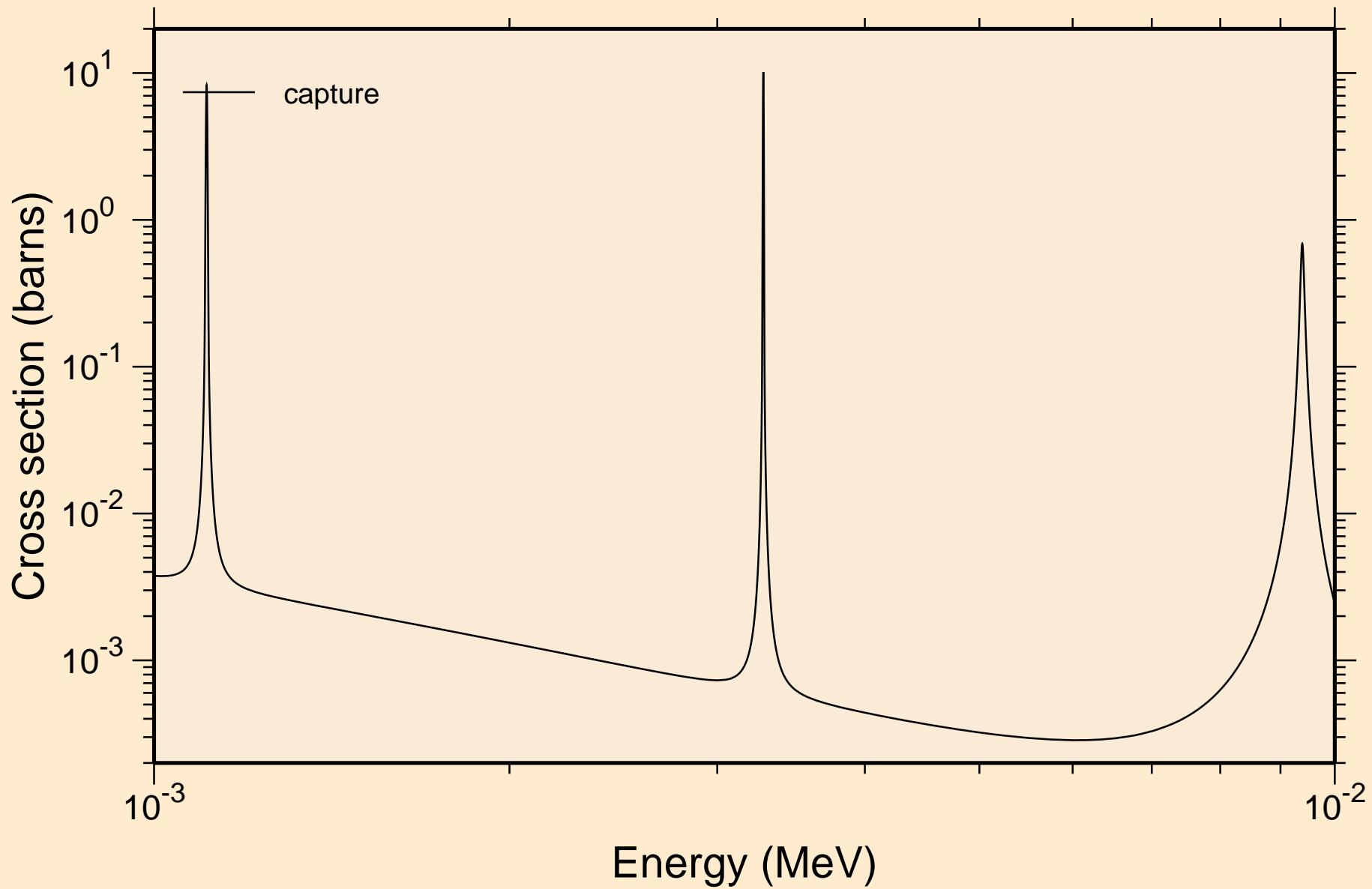
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance total cross section



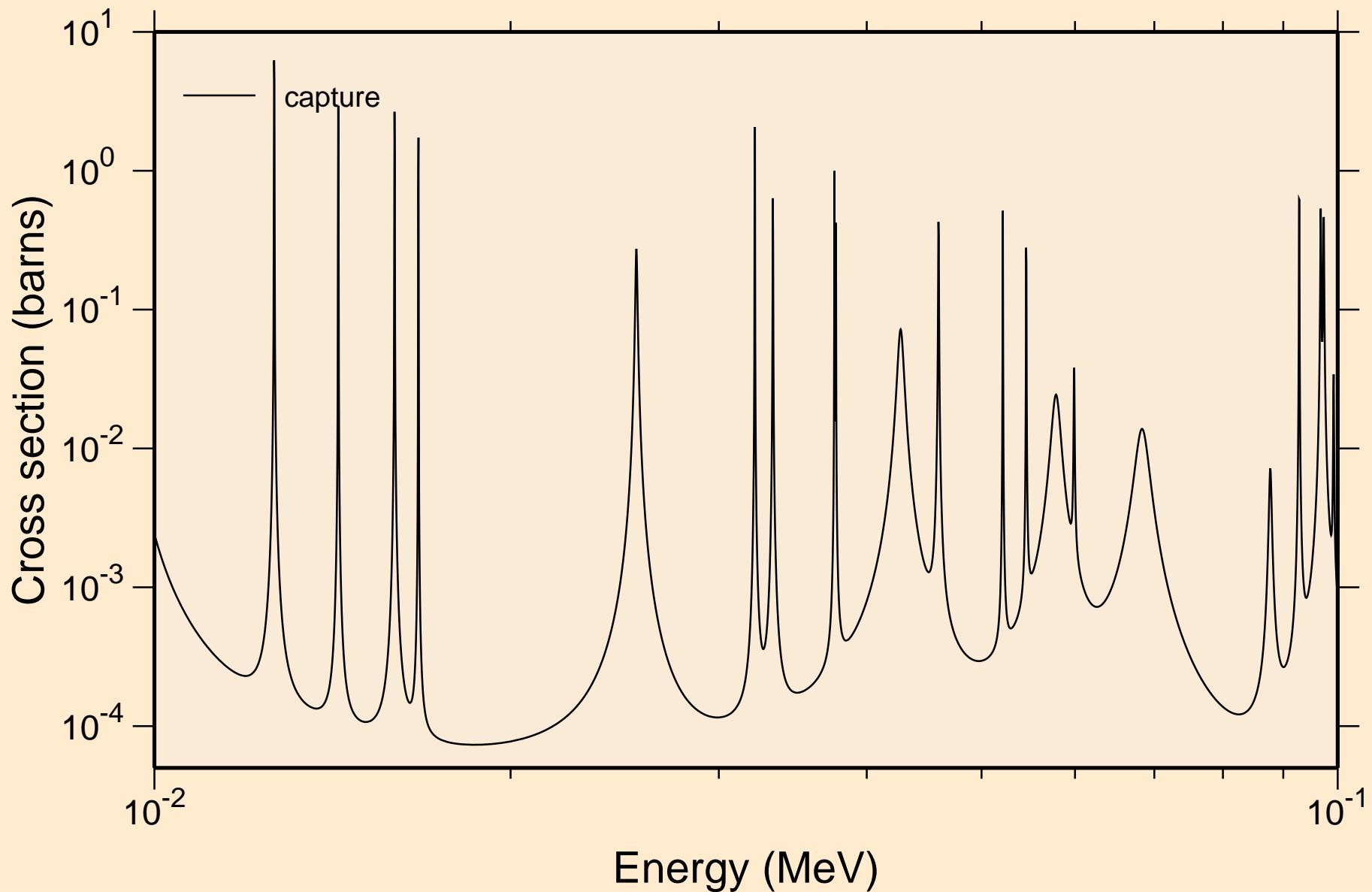
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance total cross section



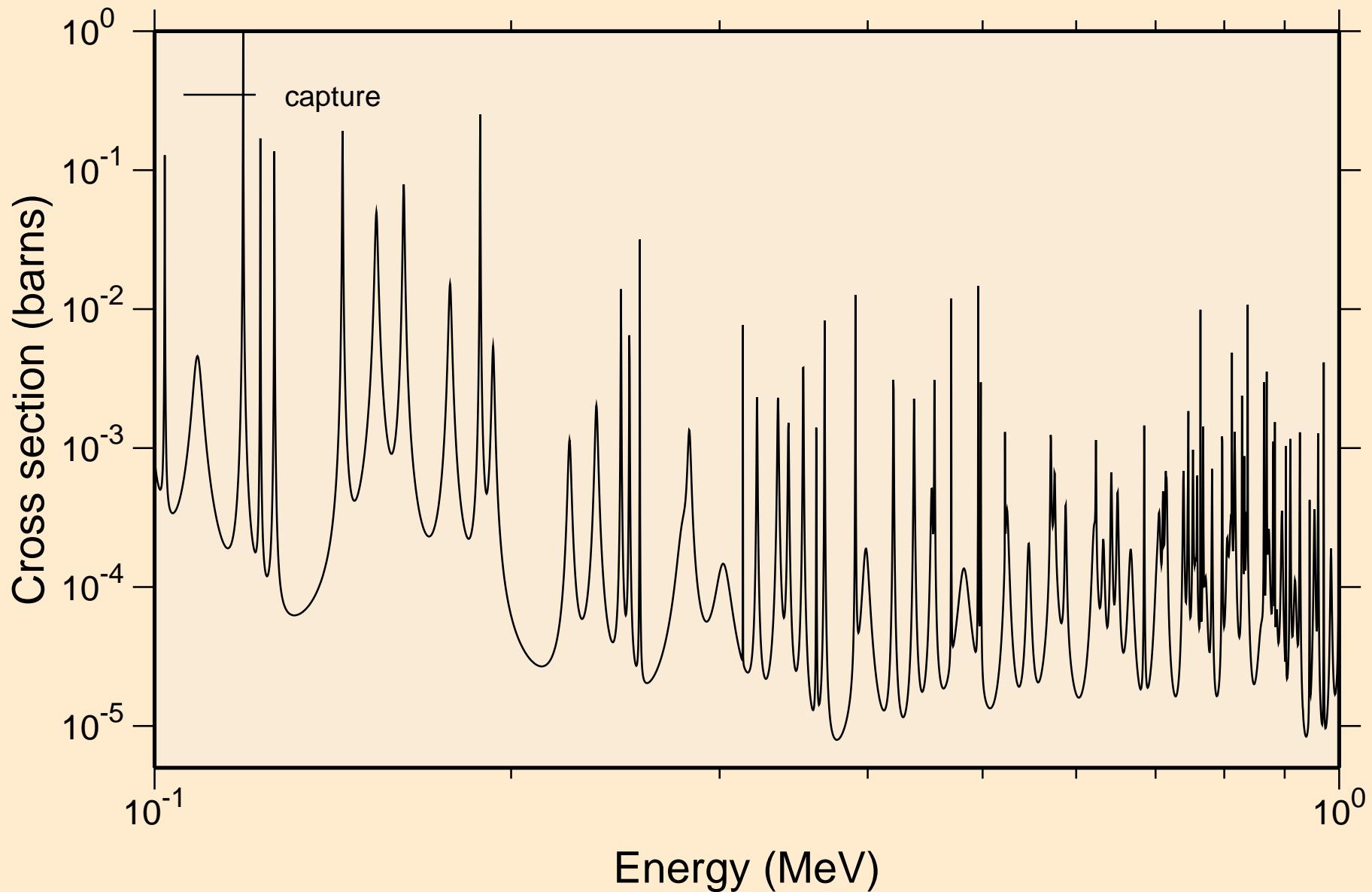
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance absorption cross sections



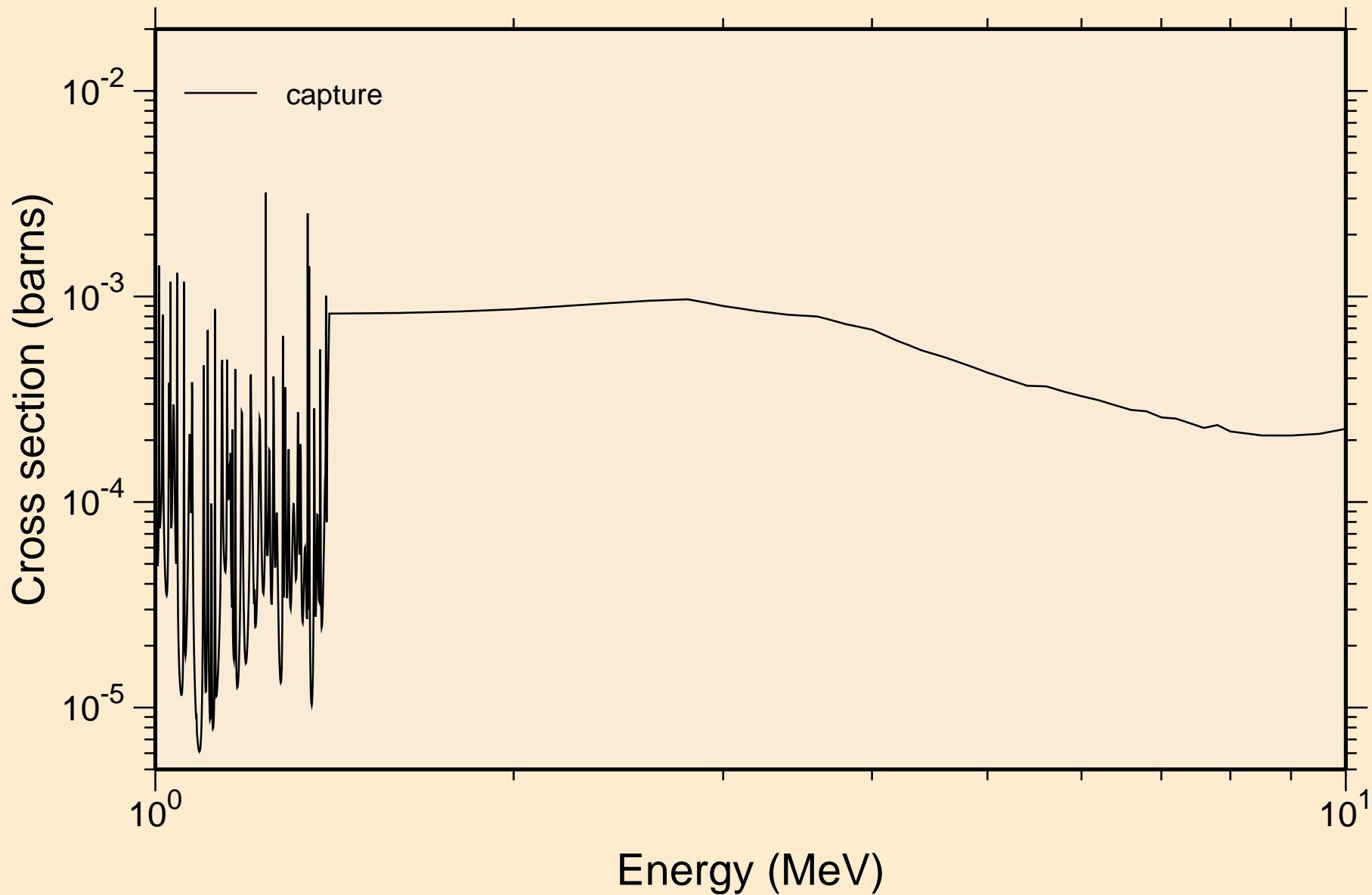
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance absorption cross sections



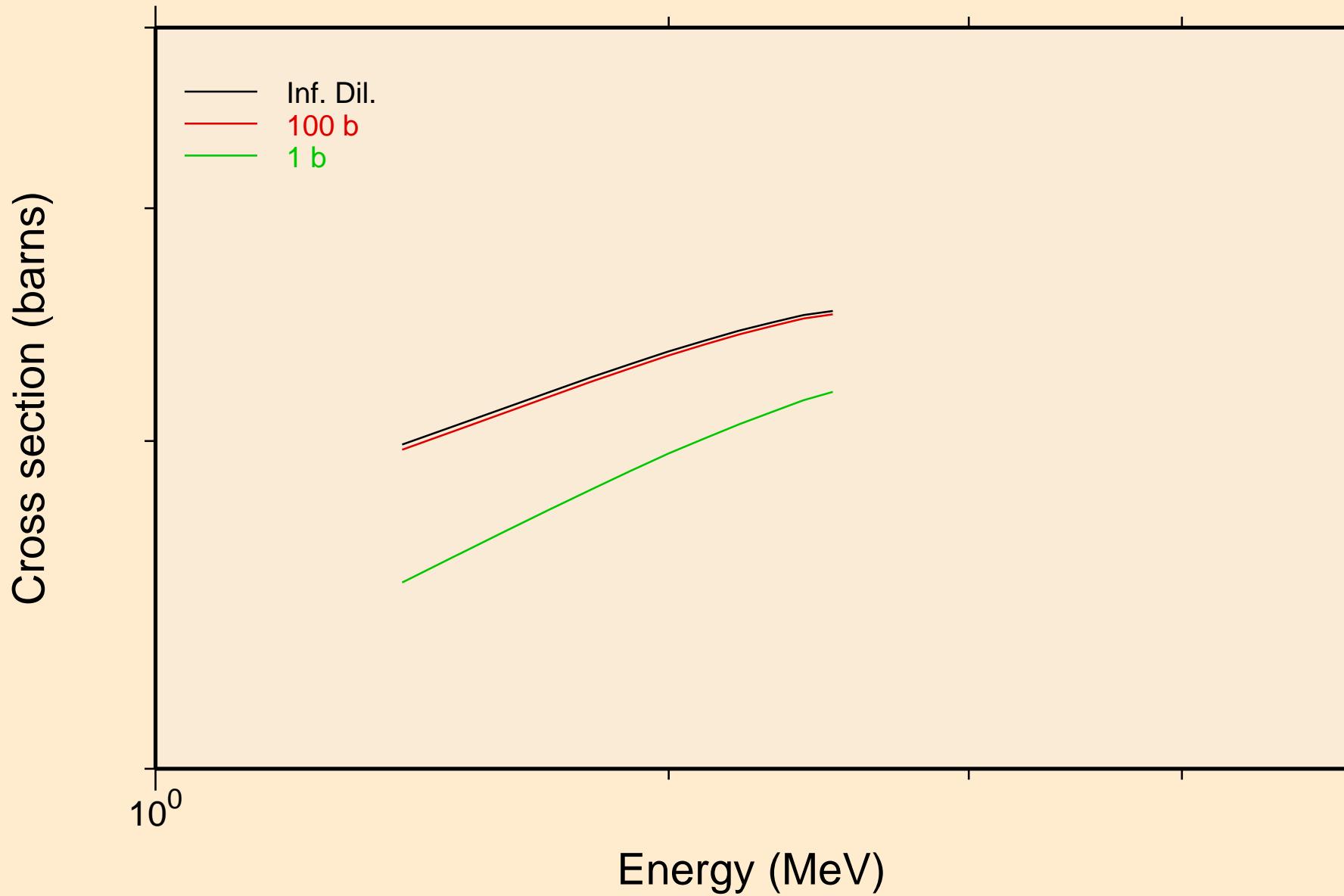
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance absorption cross sections



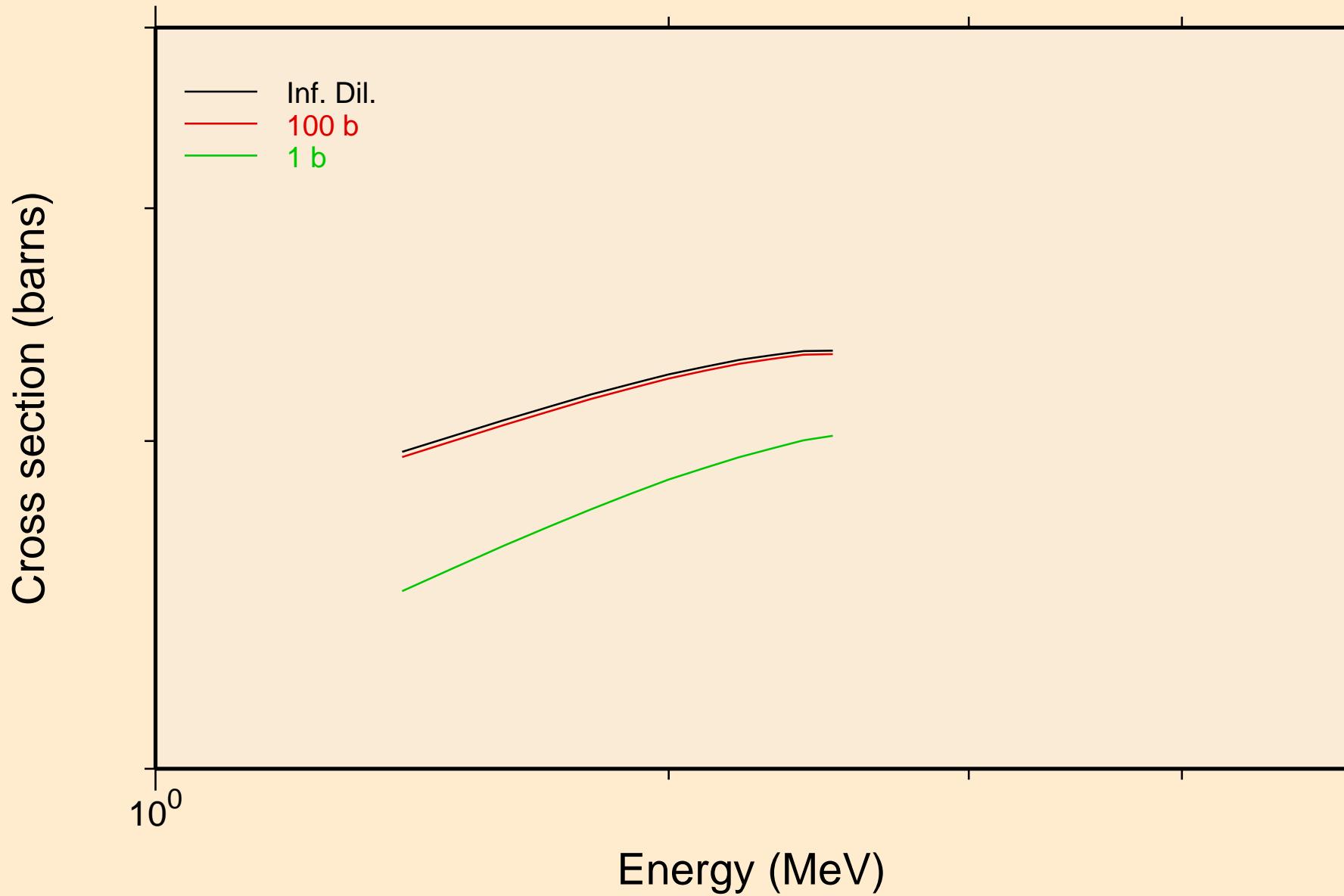
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
resonance absorption cross sections



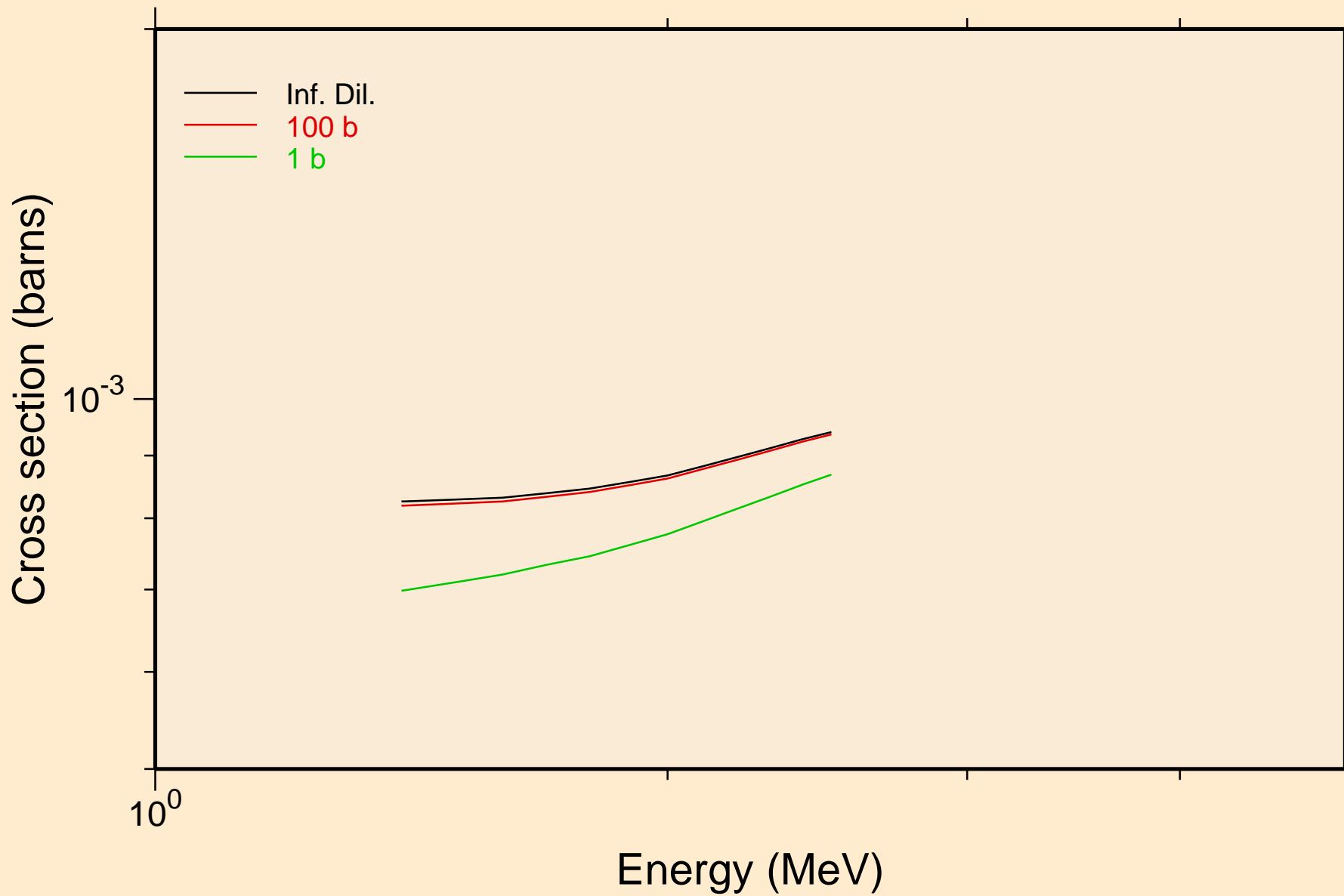
$^{19}\text{K}-^{39}\text{F}$ FENDL-3.2C (NJOY2016.74+NDS)
UR total cross section



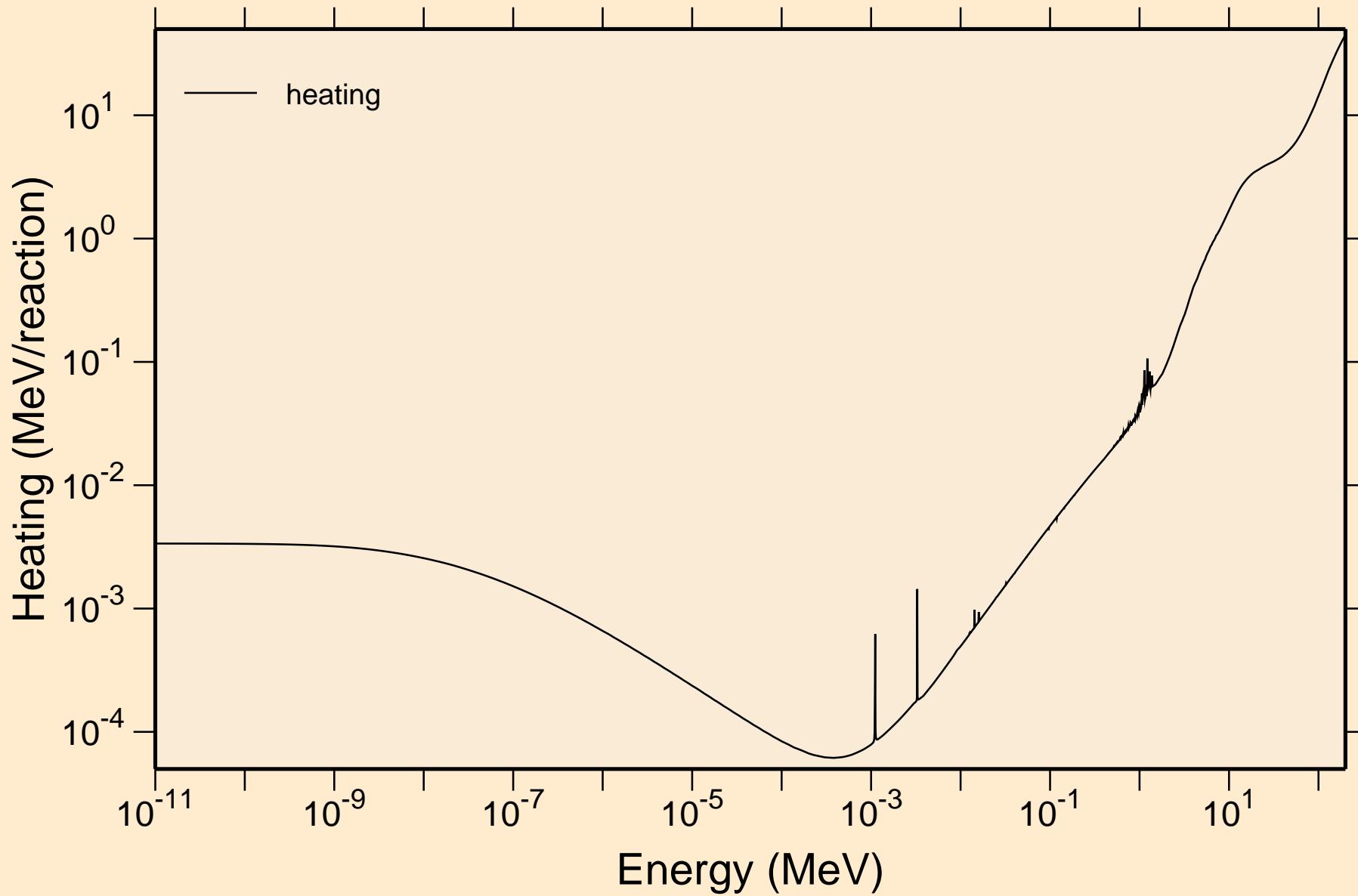
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
UR elastic cross section



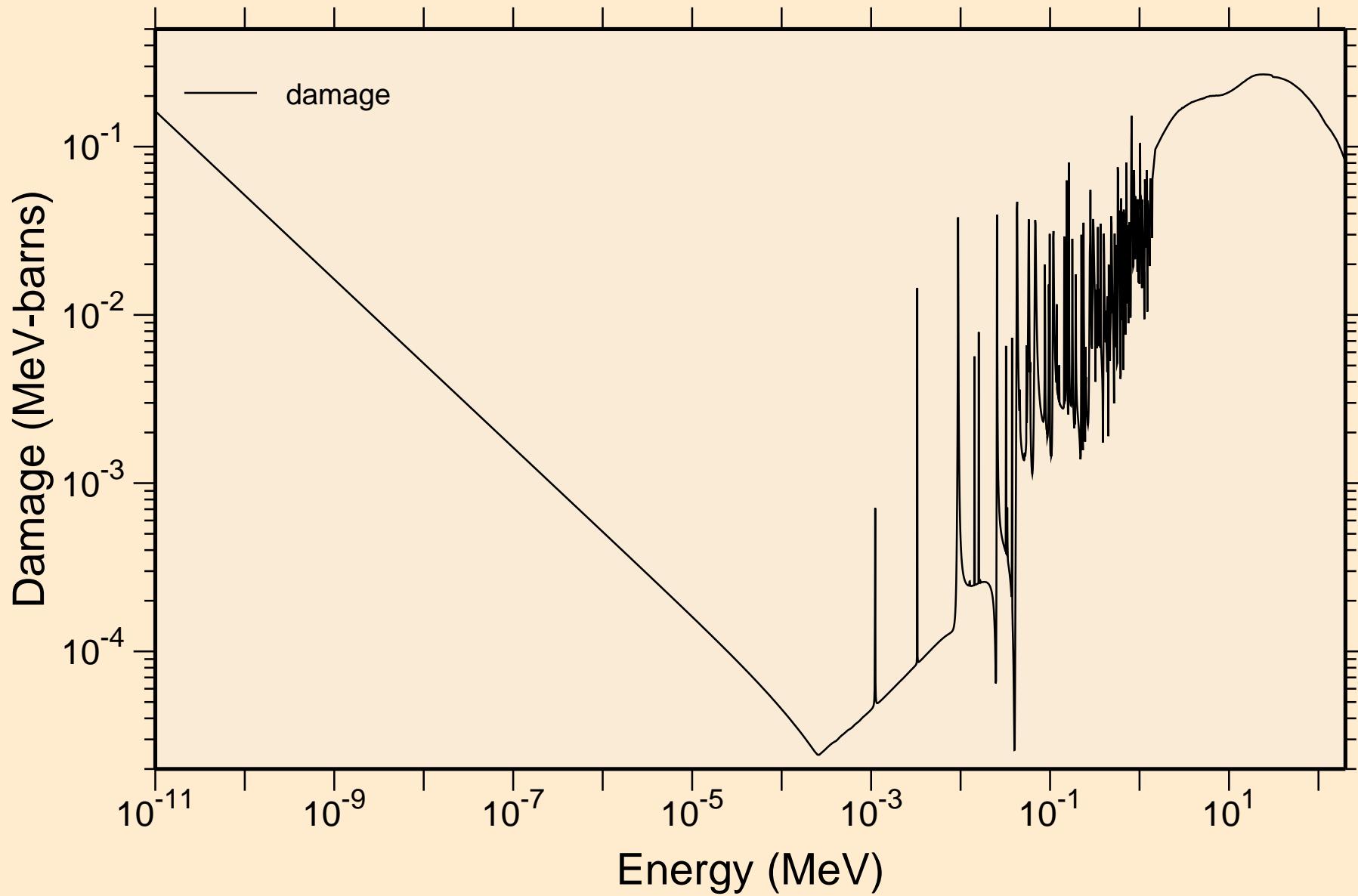
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
UR capture cross section



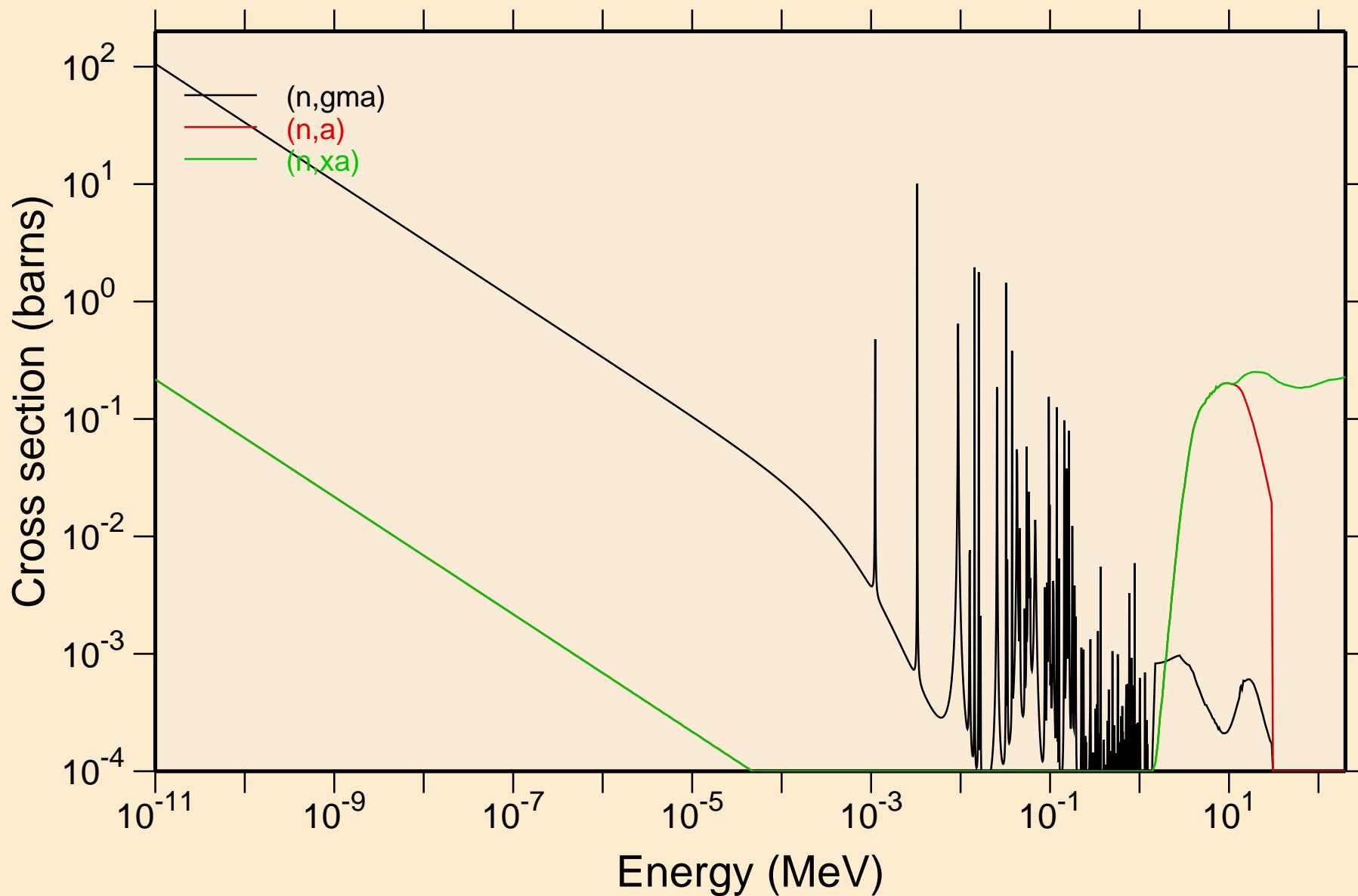
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Heating



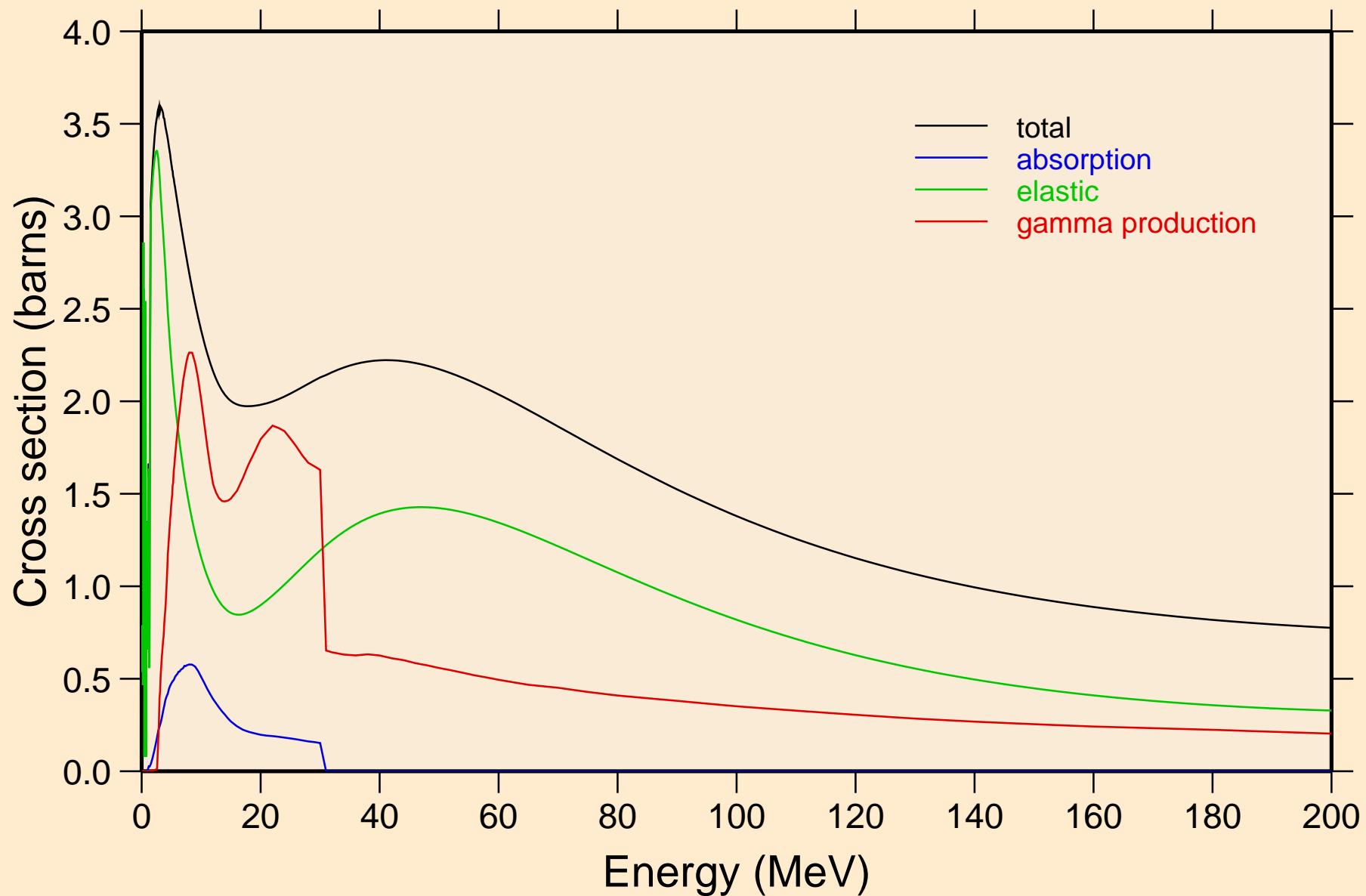
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Damage



19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Non-threshold reactions

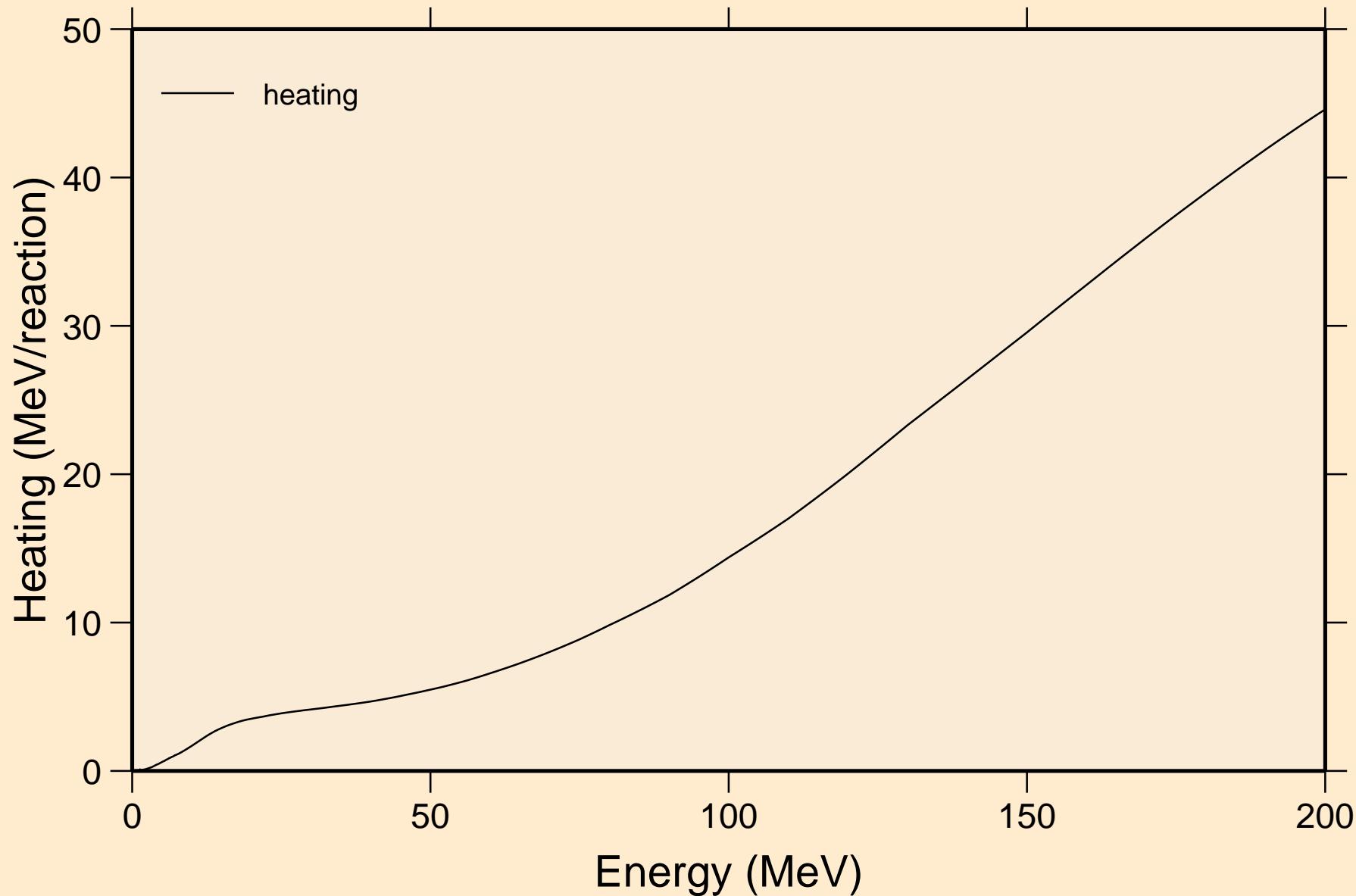


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Principal cross sections

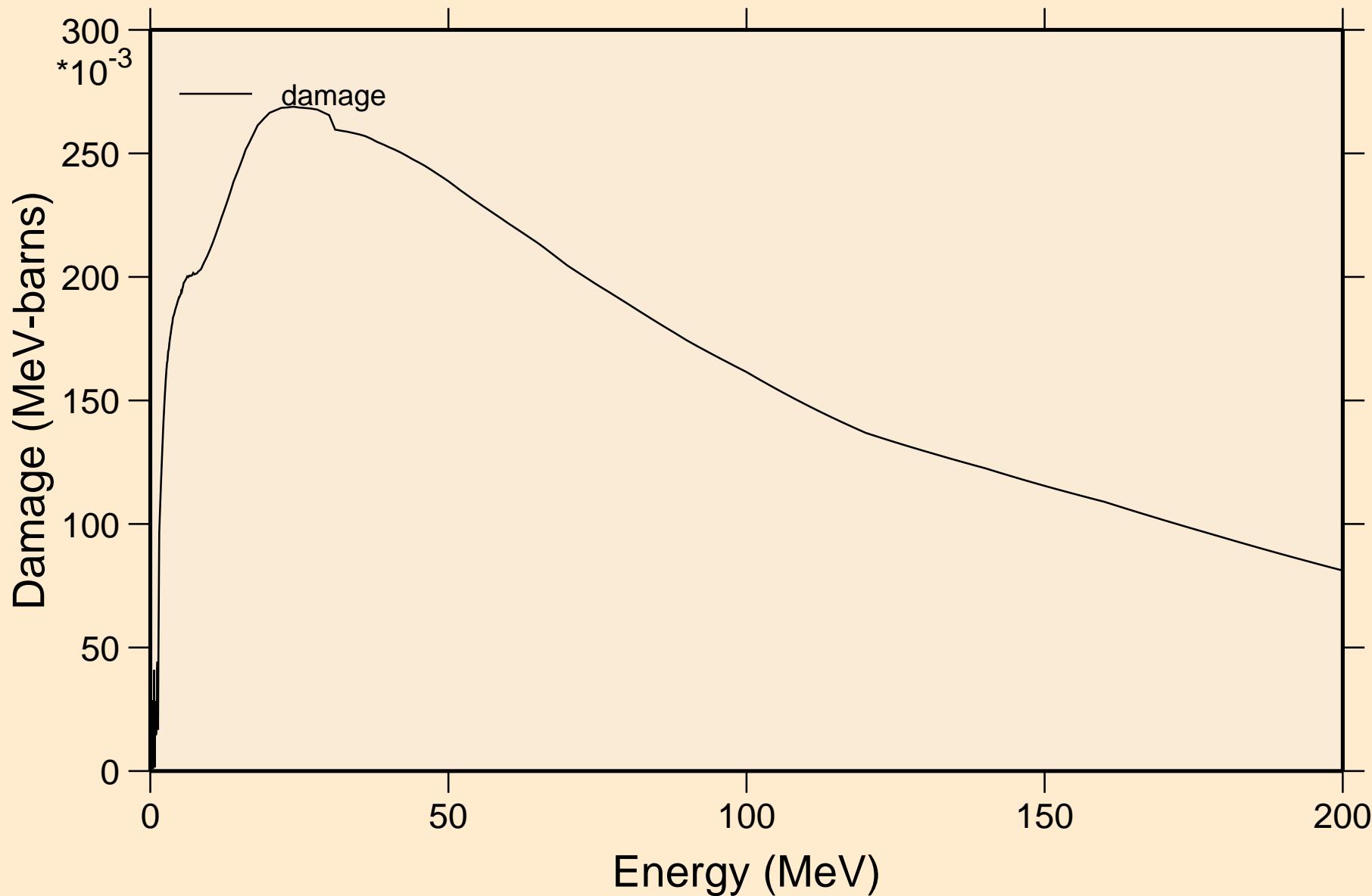


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

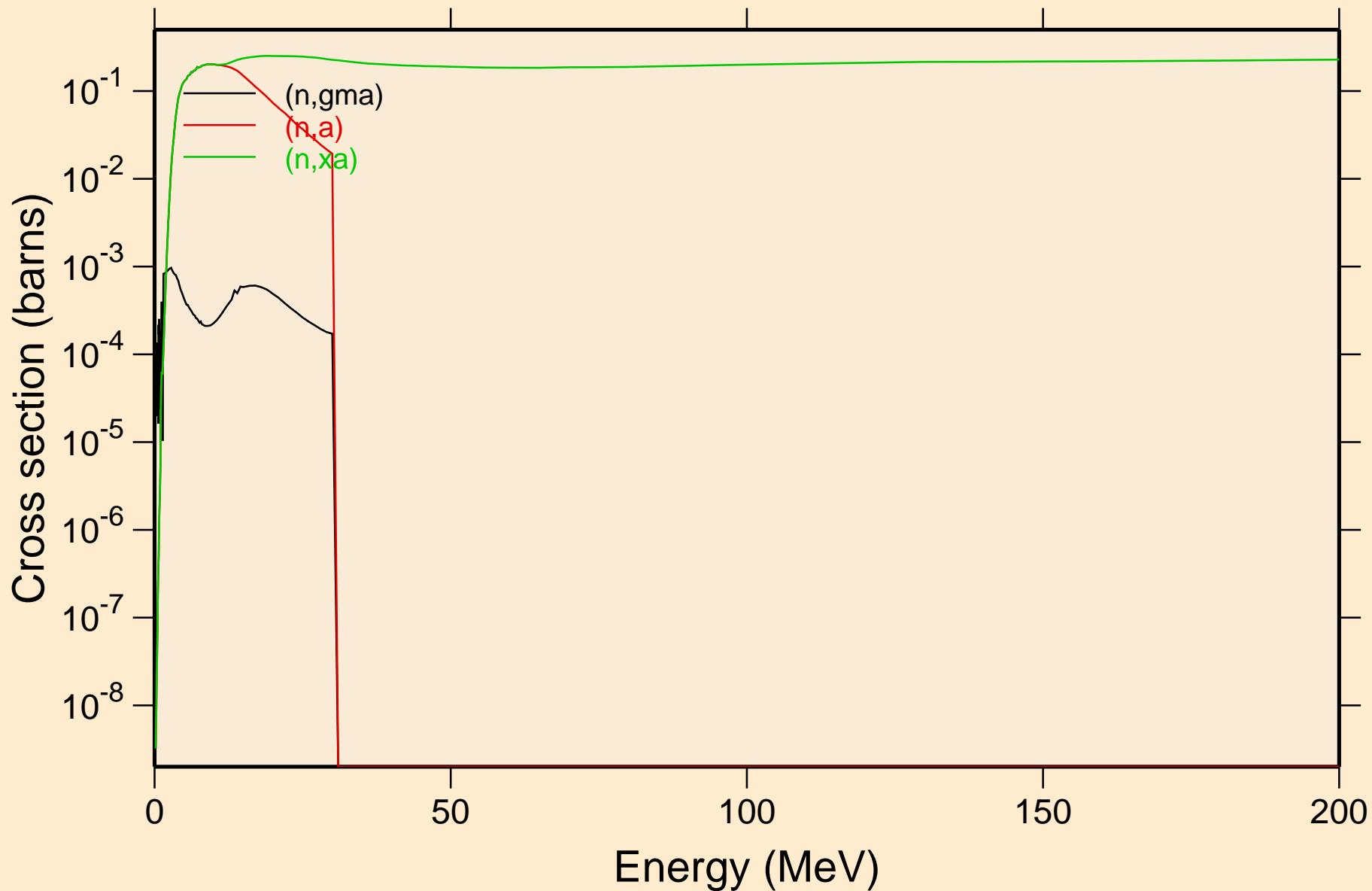
Heating



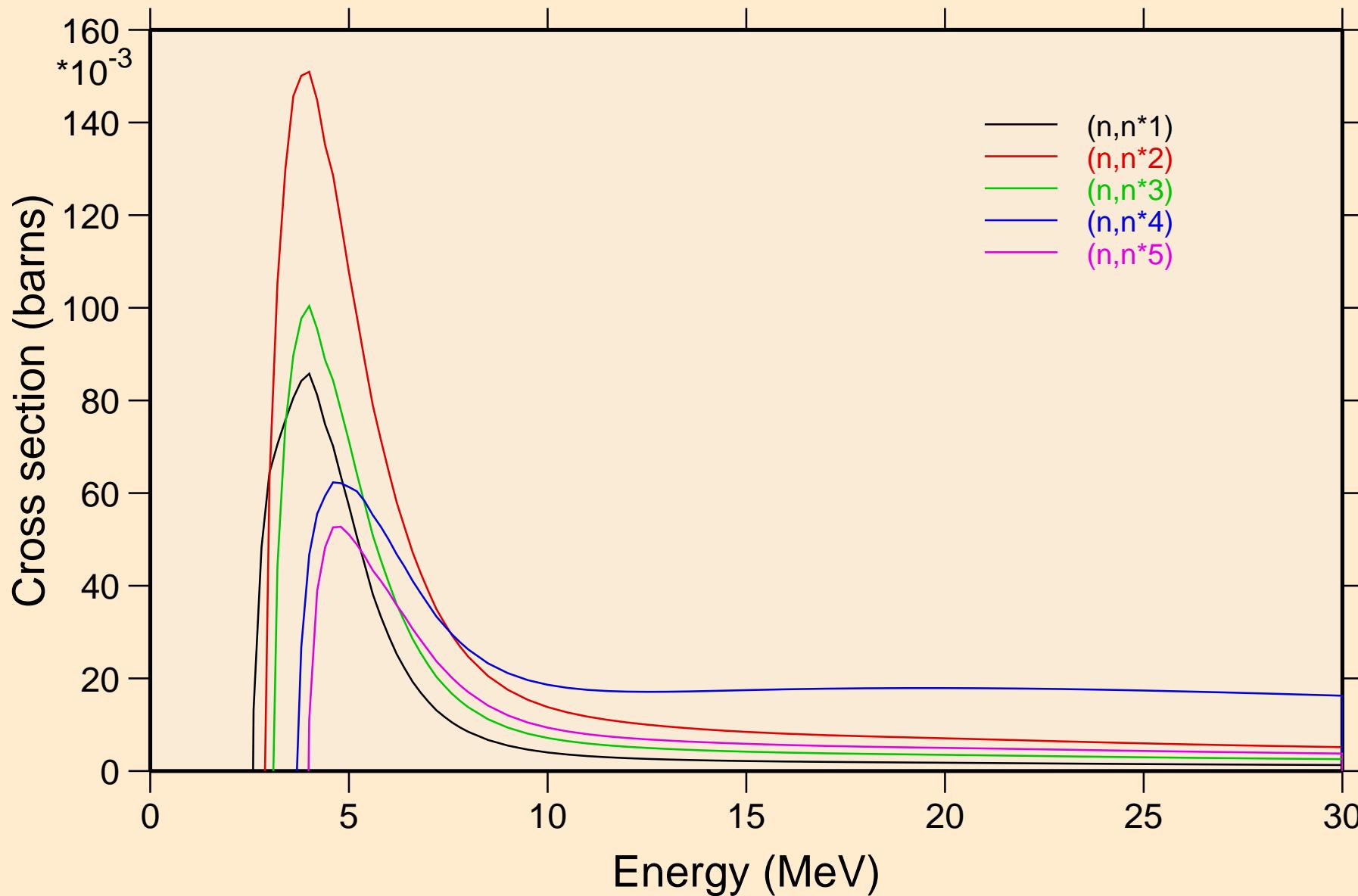
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Damage



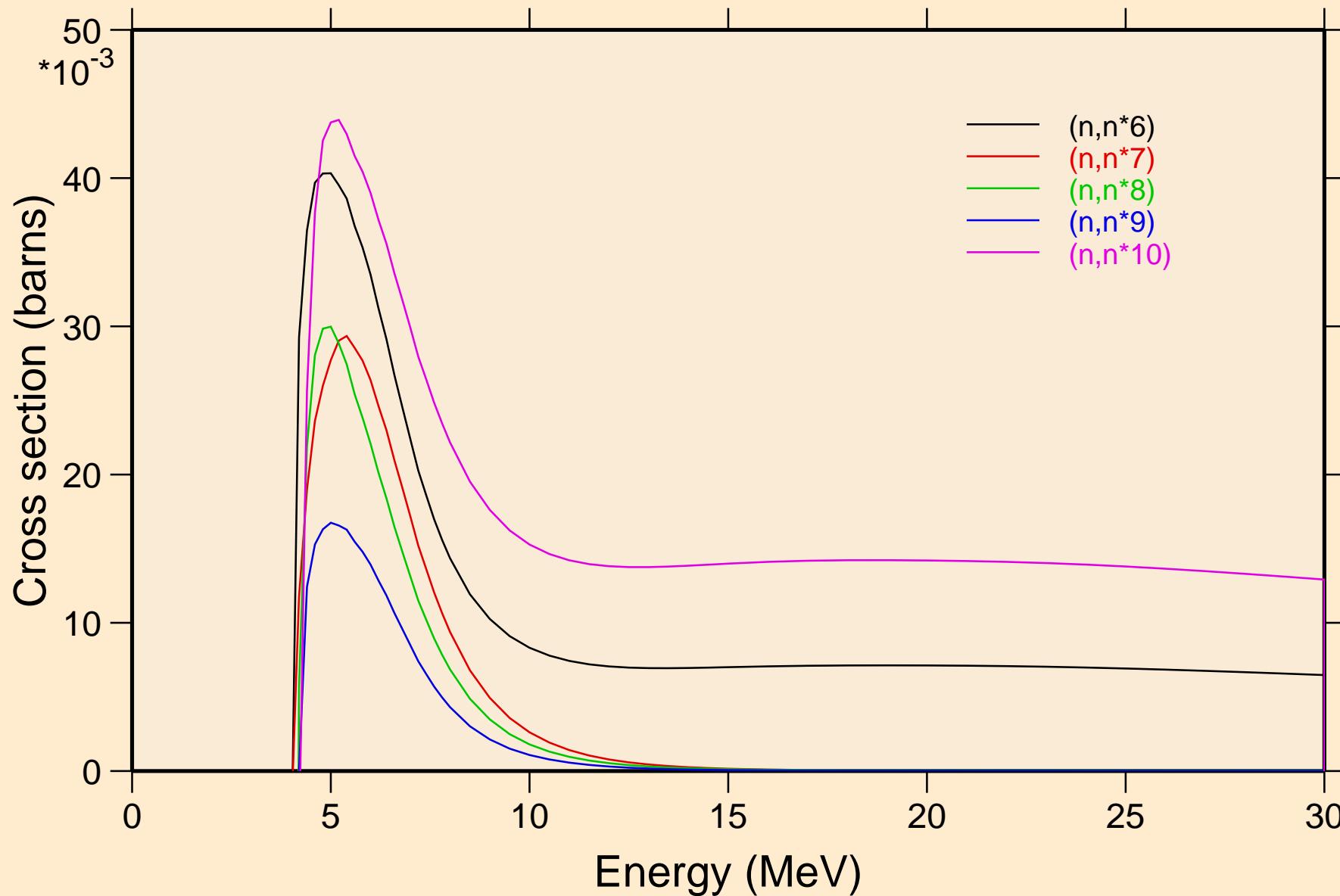
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Non-threshold reactions



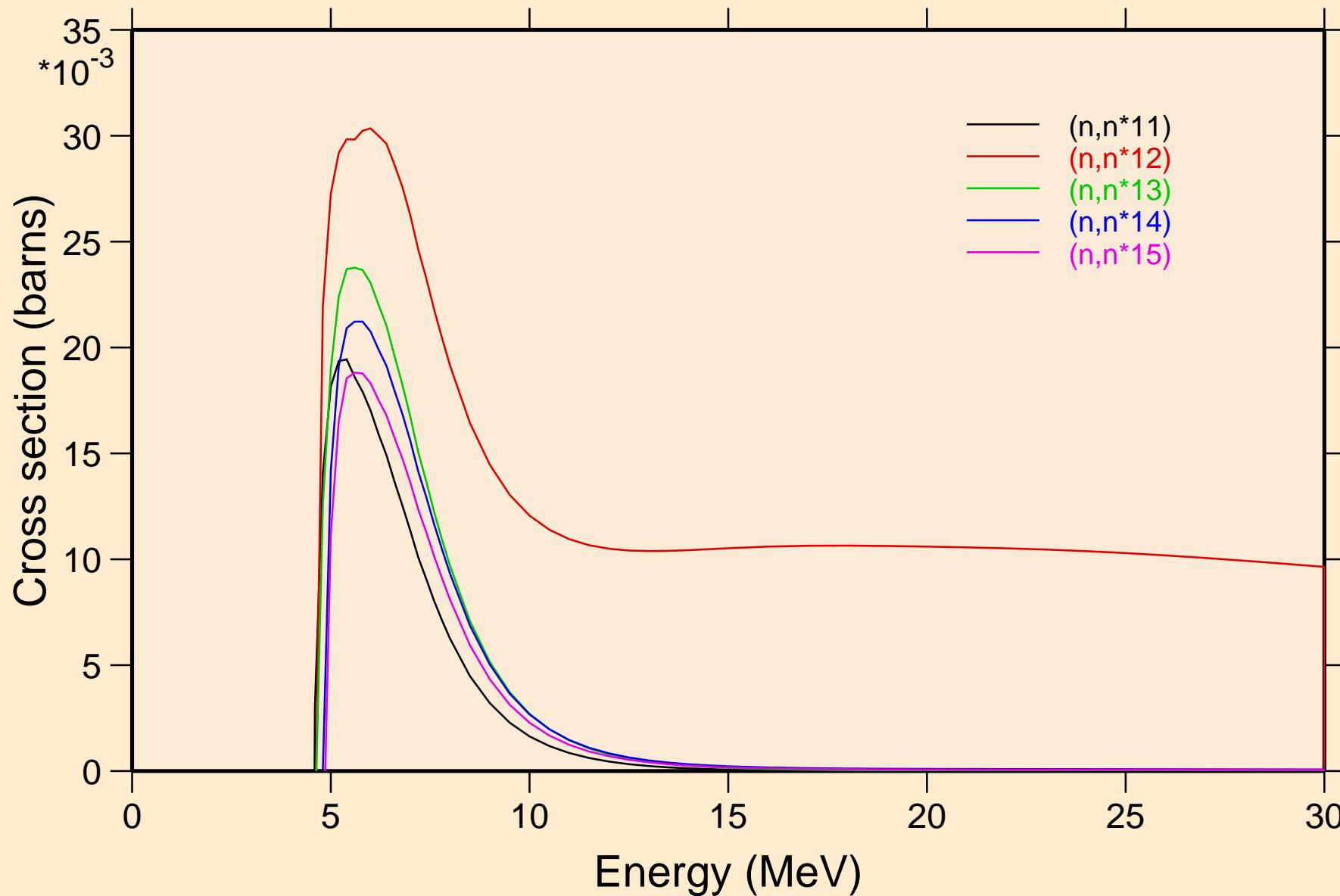
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Inelastic levels



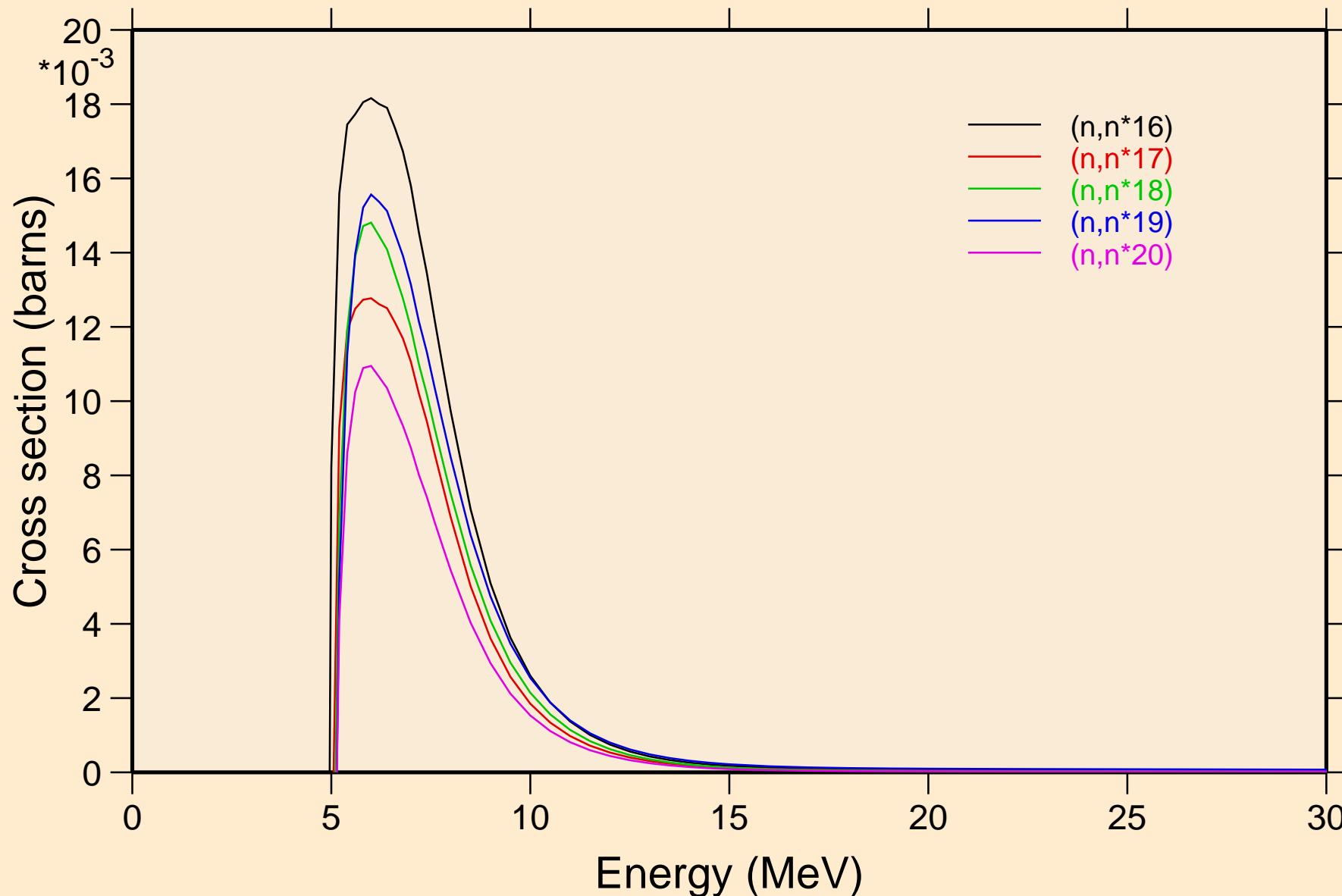
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Inelastic levels



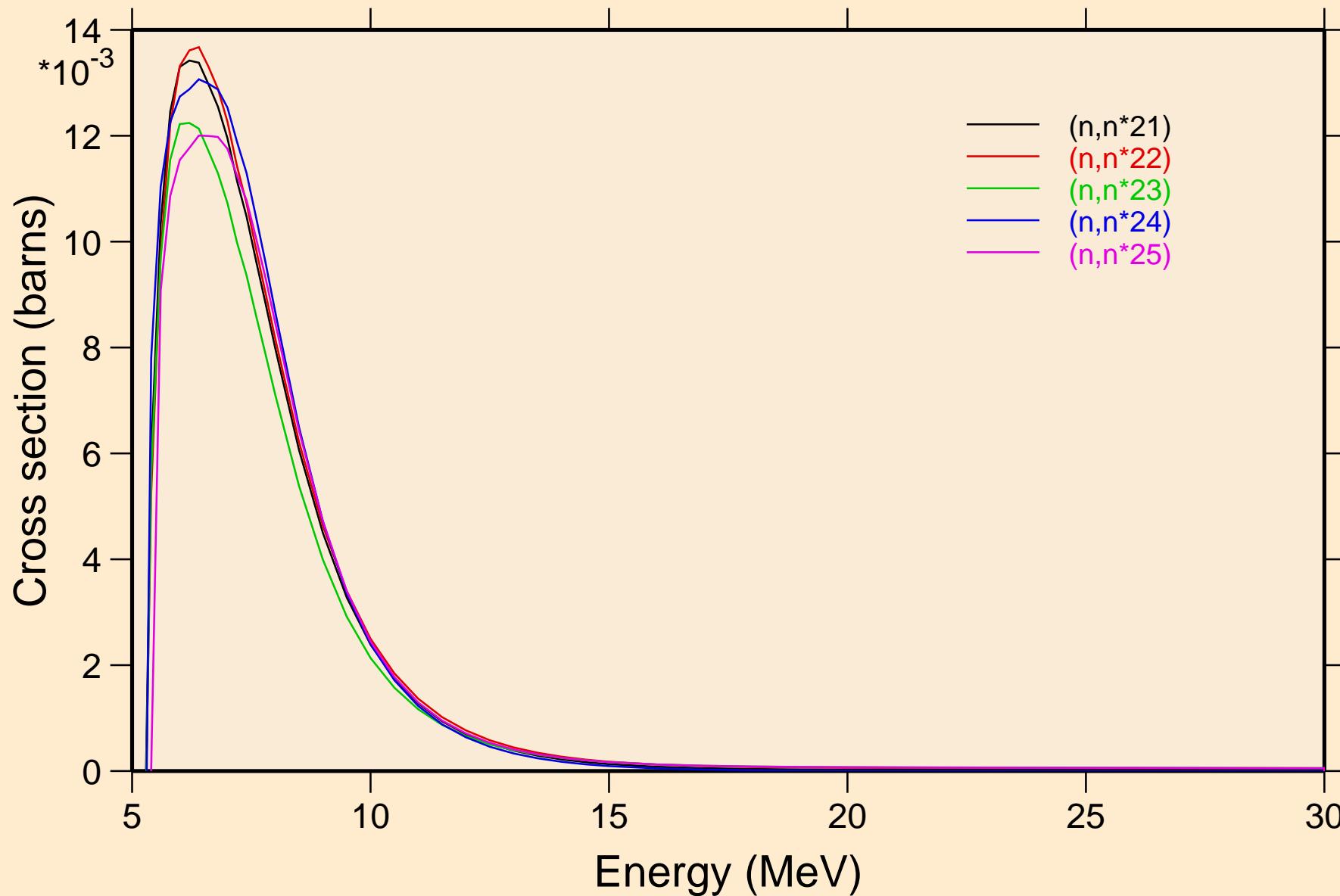
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Inelastic levels



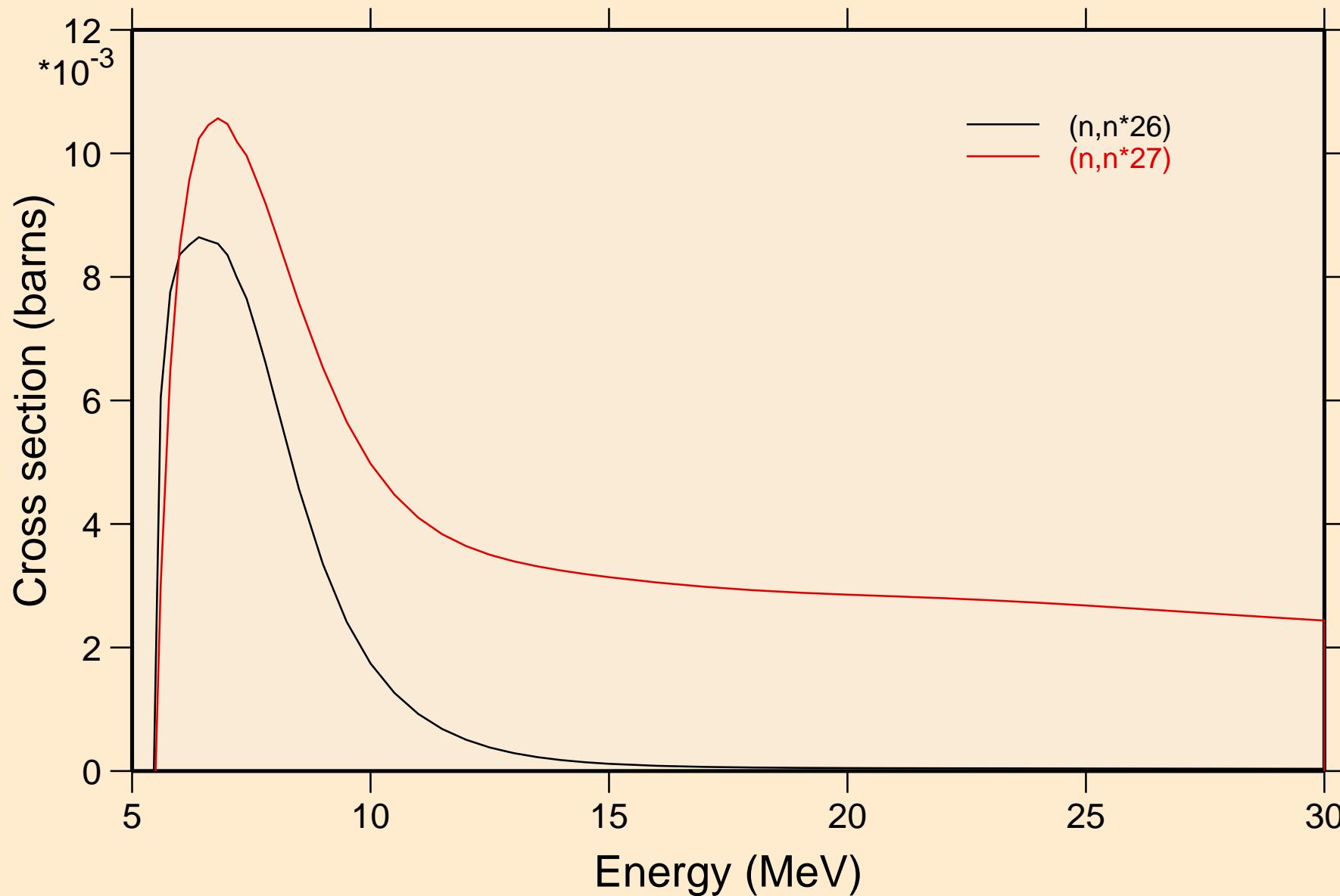
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Inelastic levels



19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Inelastic levels

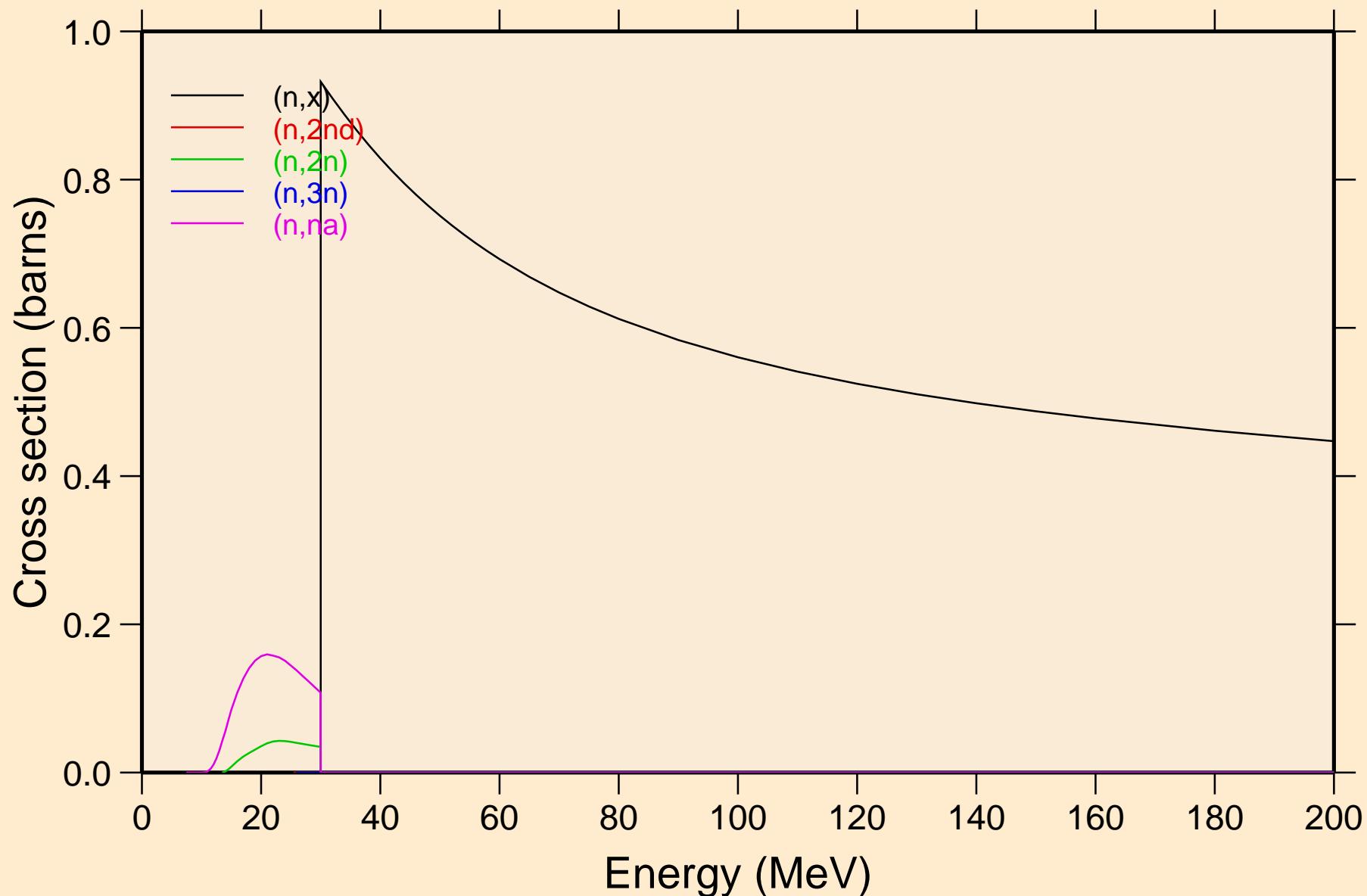


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Inelastic levels



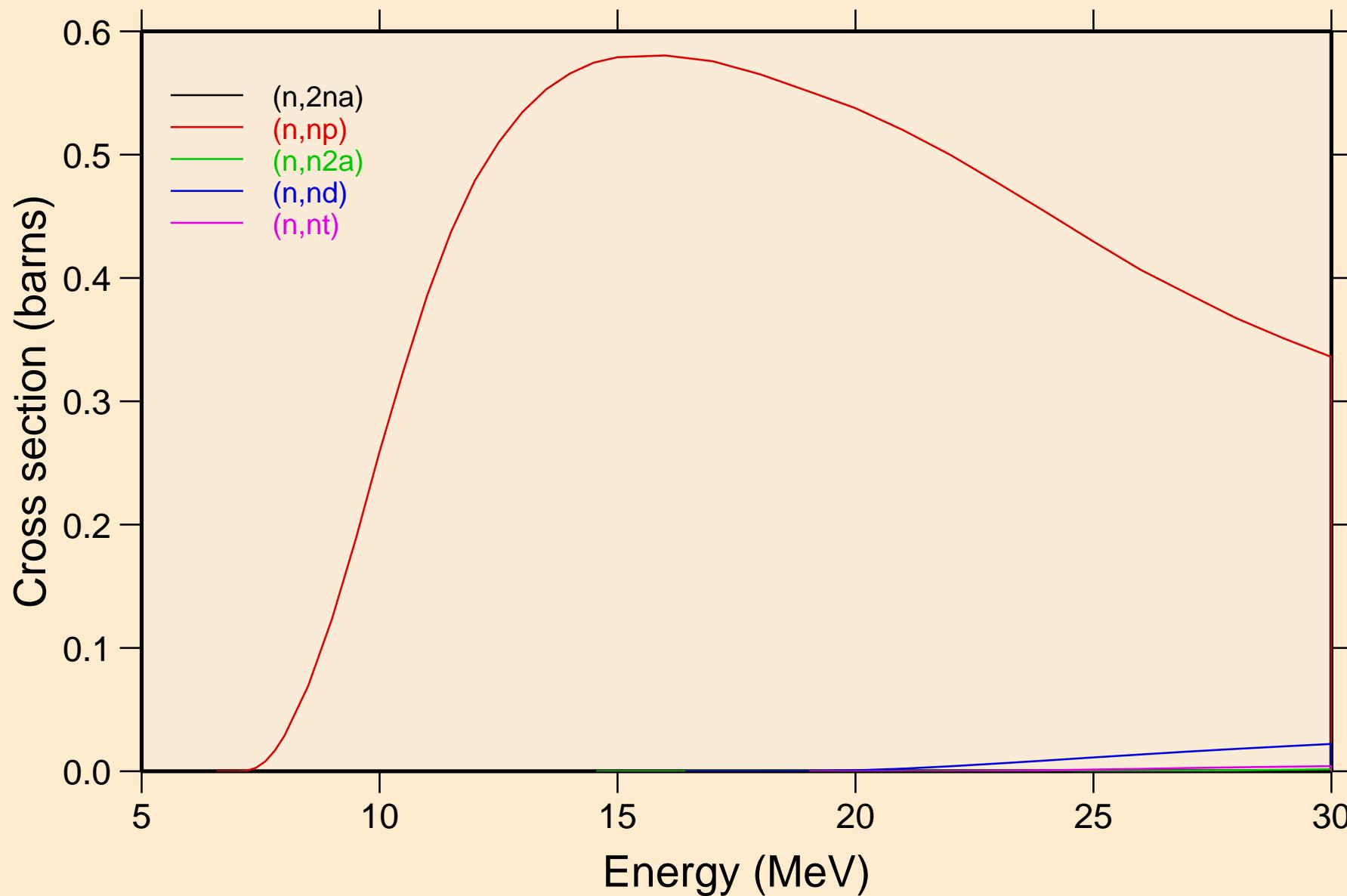
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Threshold reactions



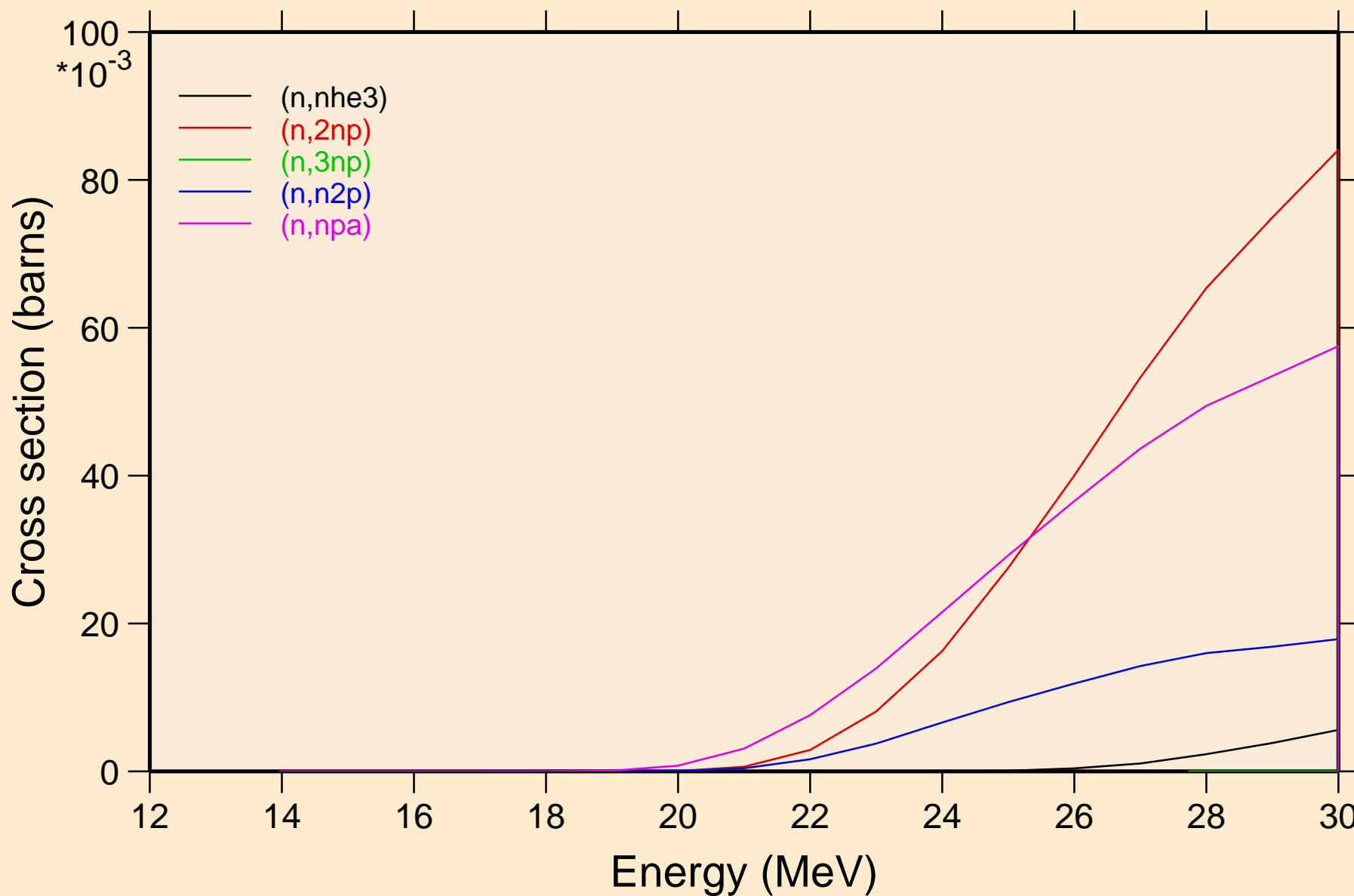
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Threshold reactions



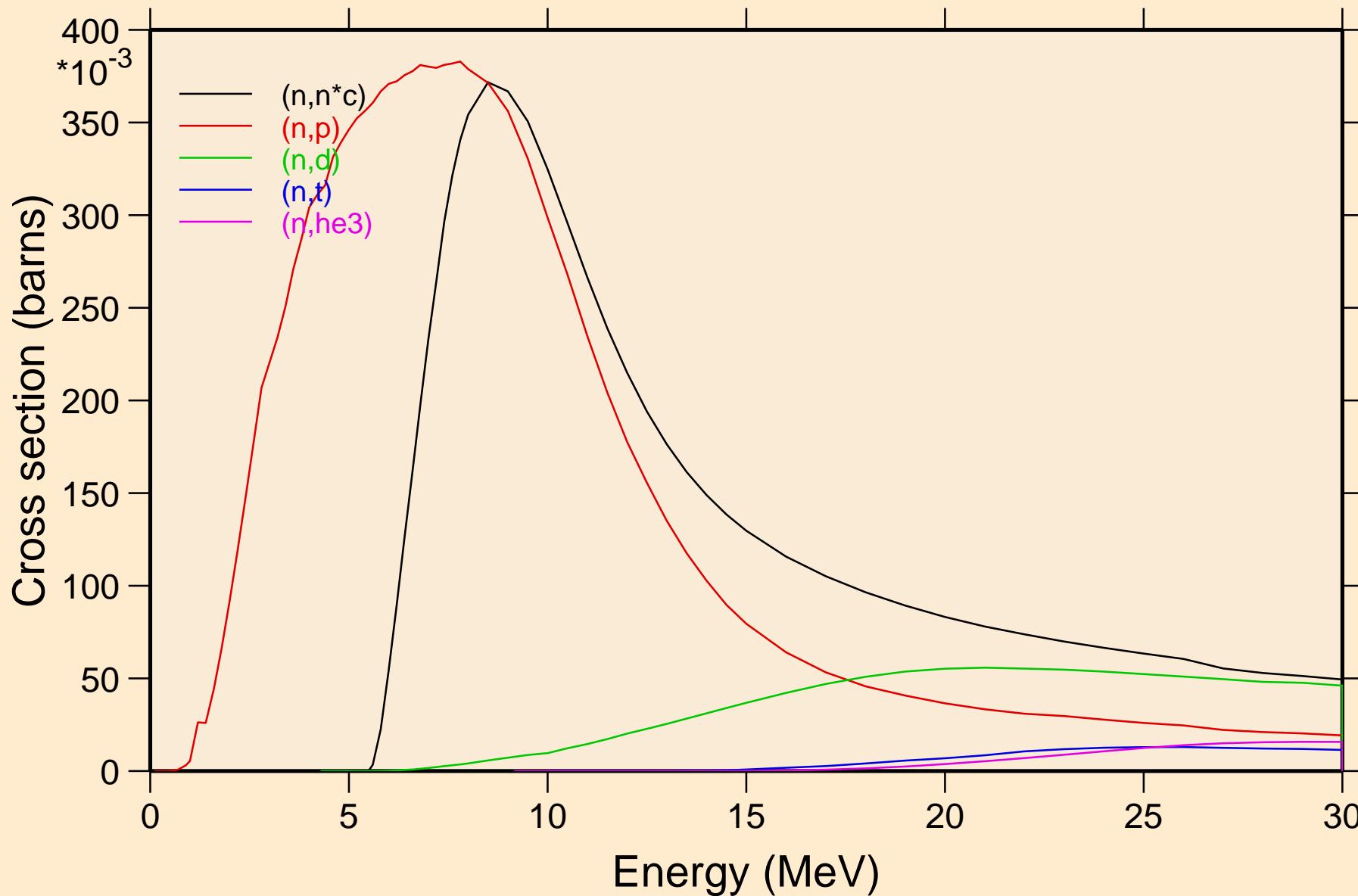
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Threshold reactions



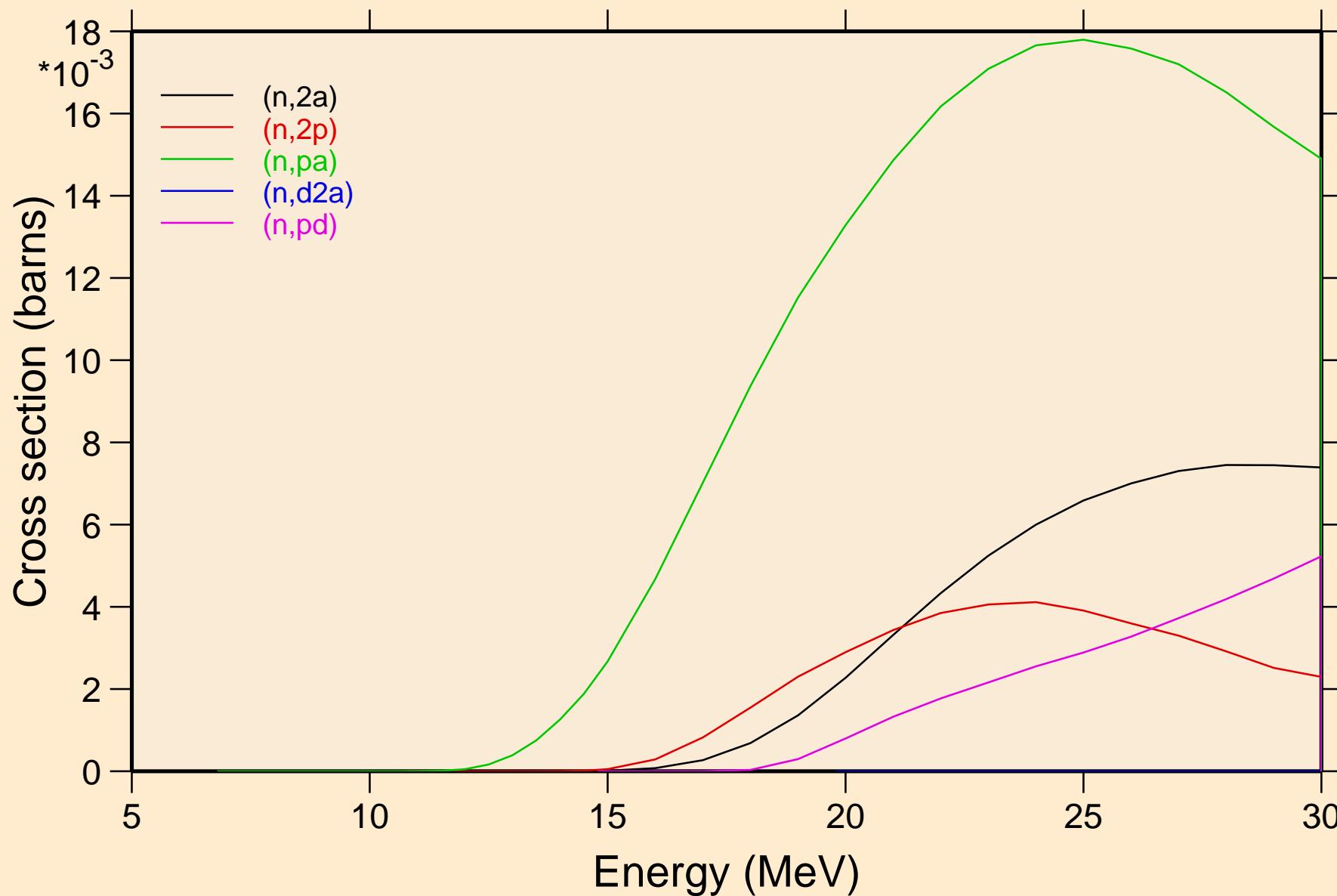
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Threshold reactions

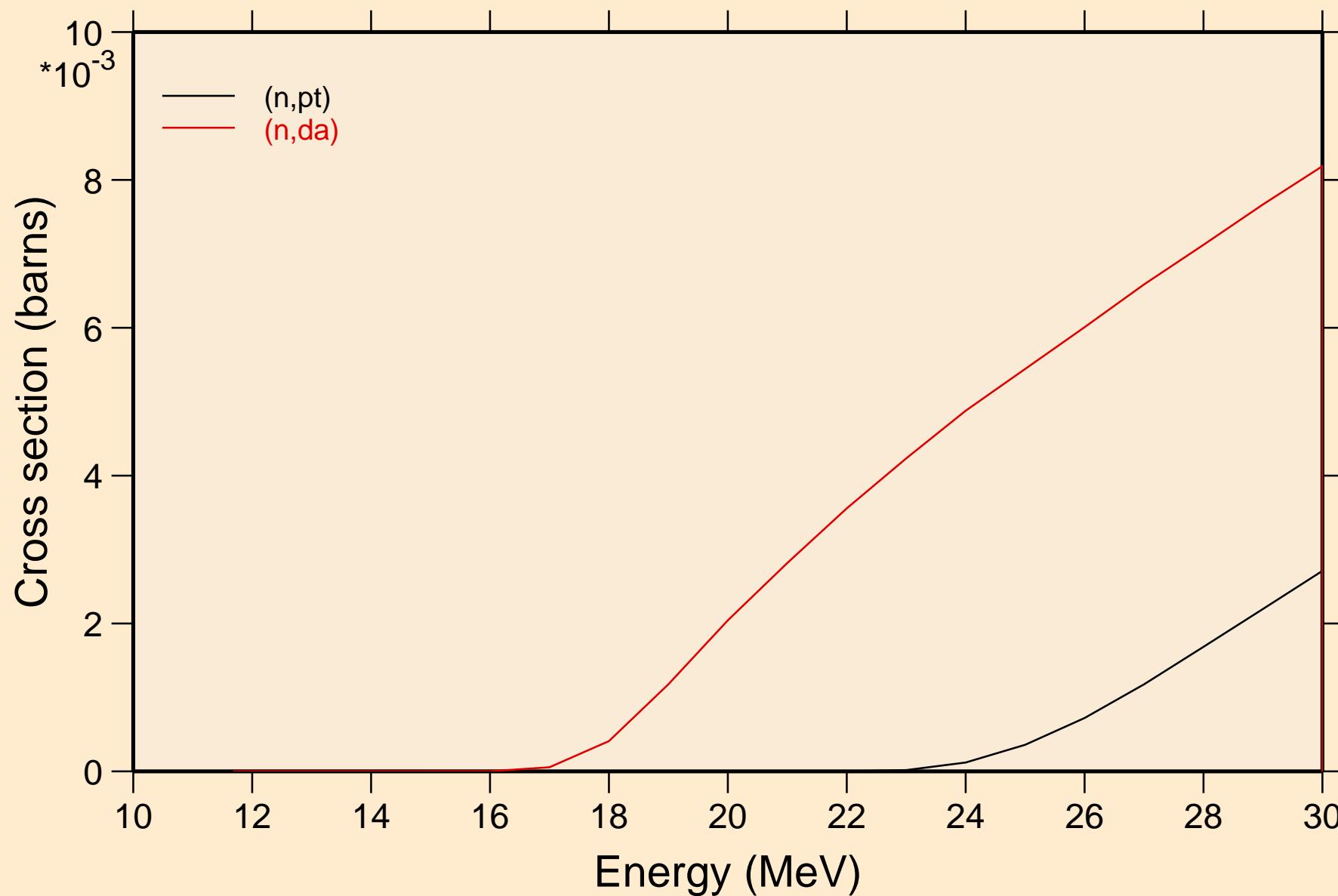


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Threshold reactions

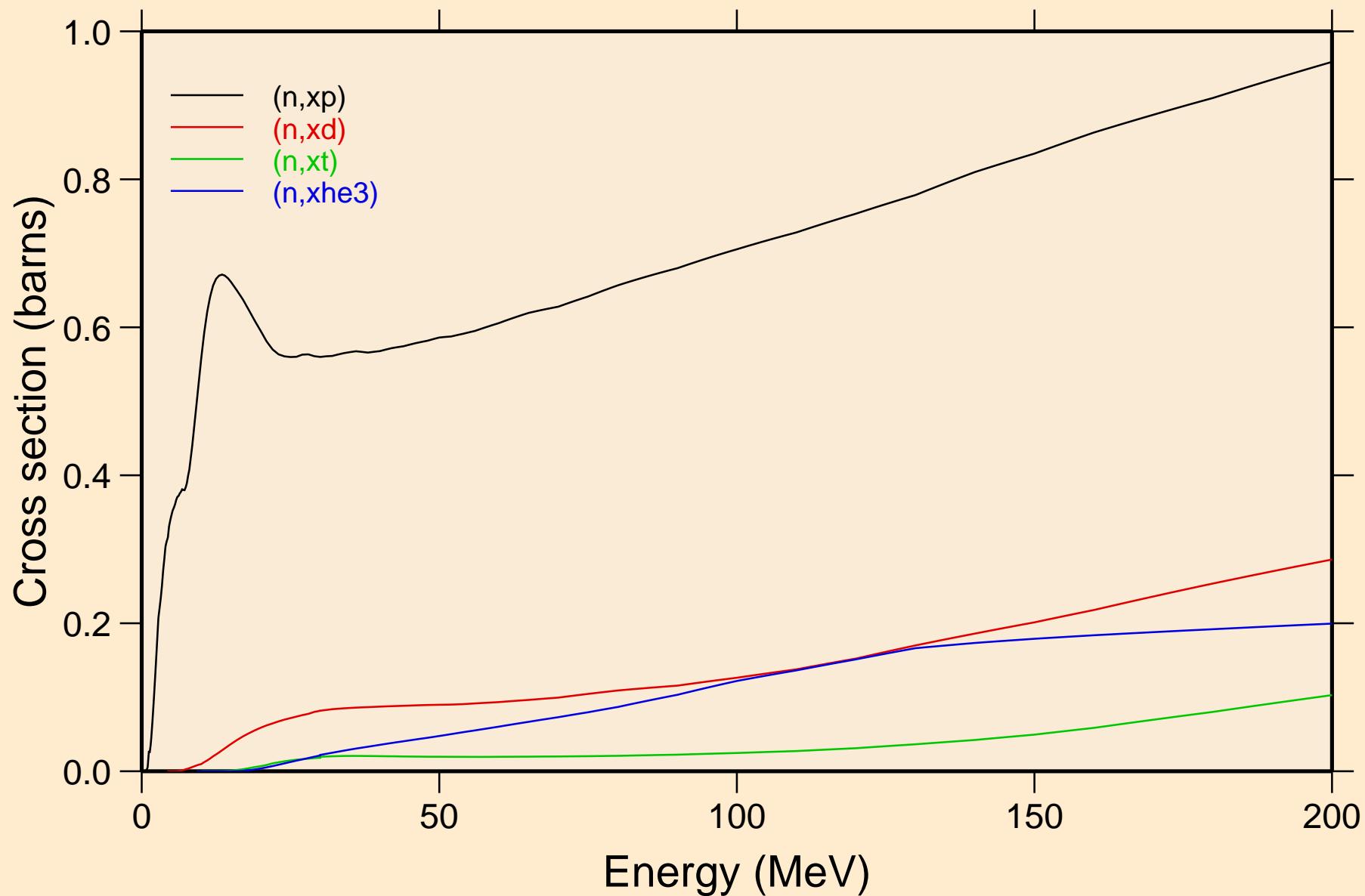


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Threshold reactions

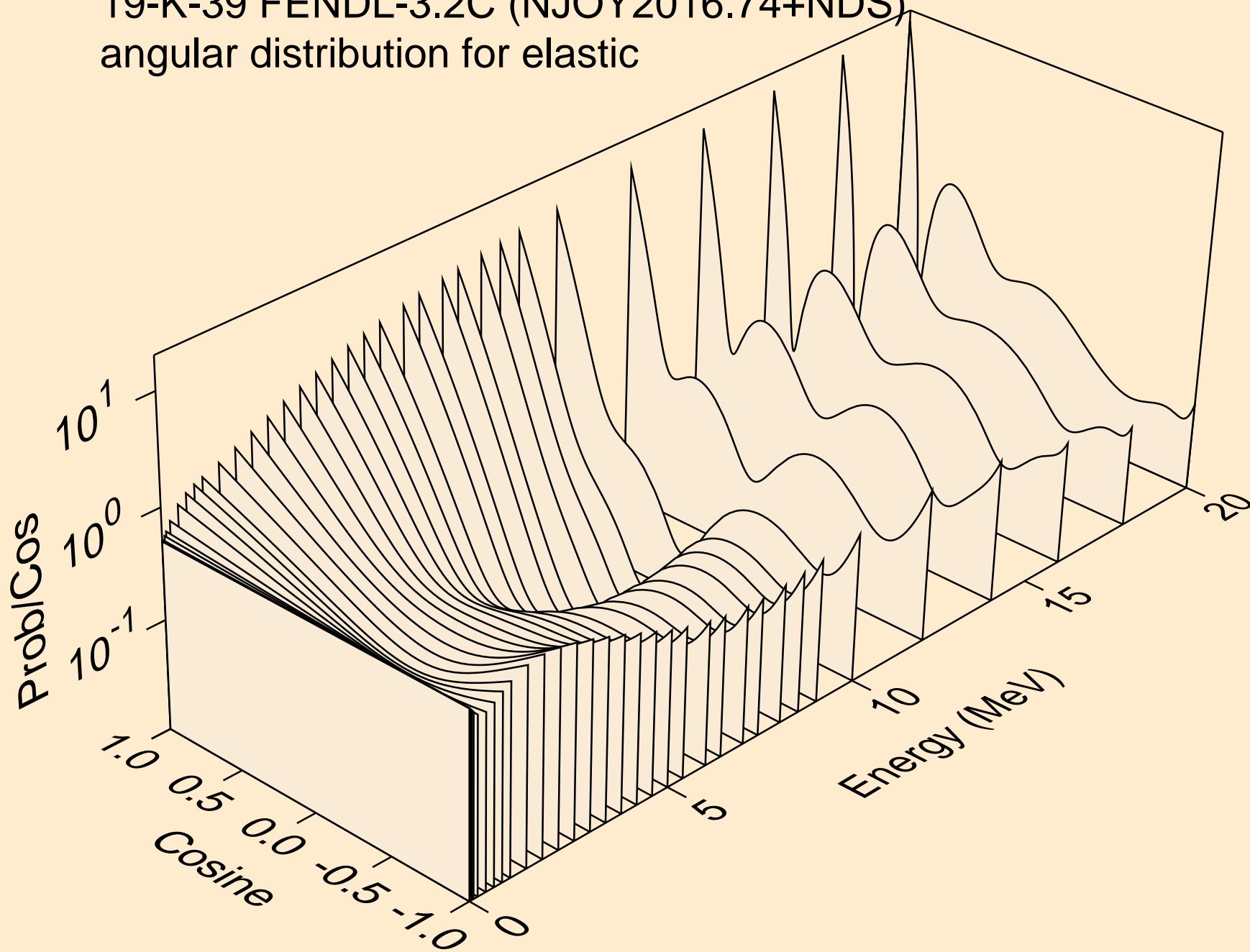


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

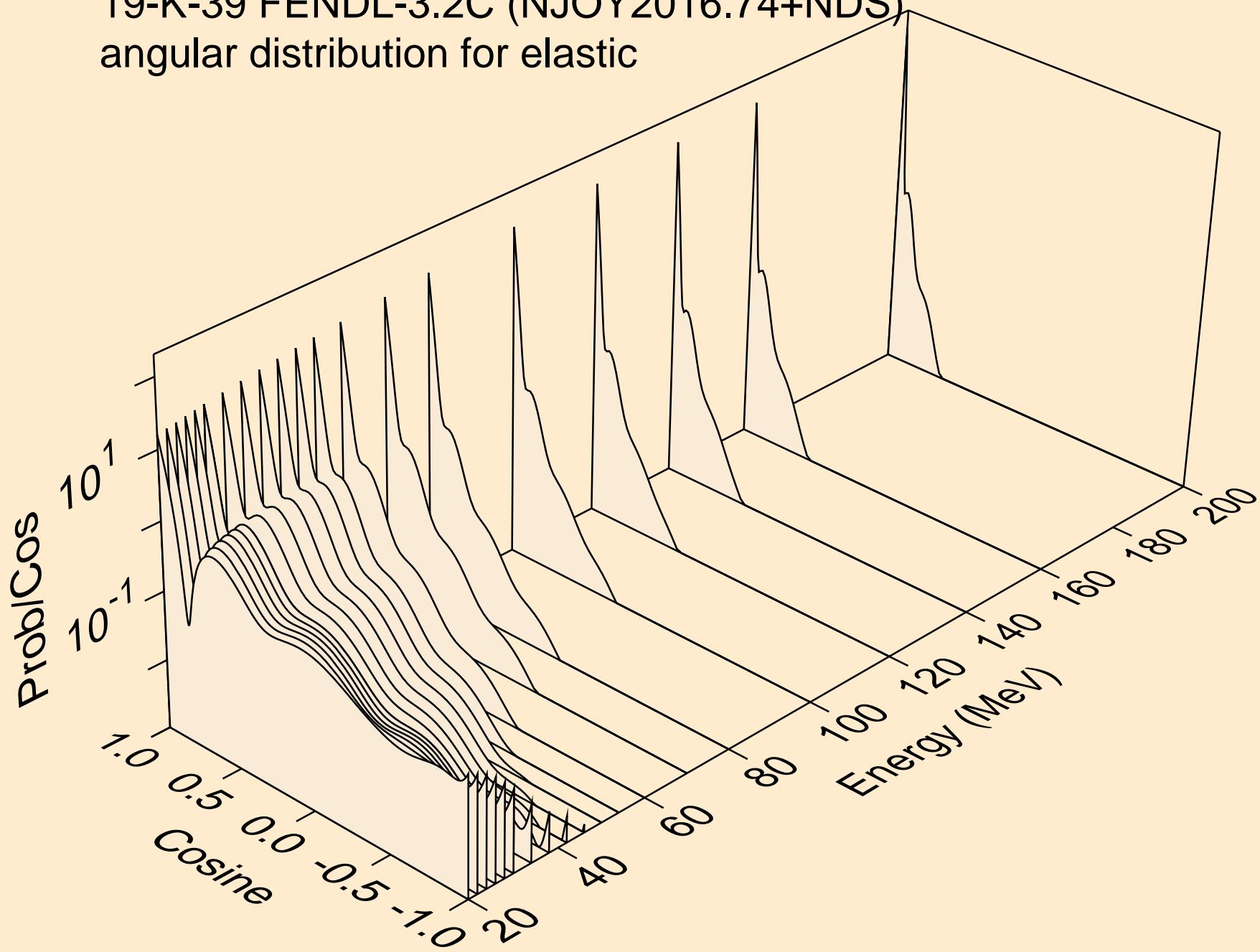
Threshold reactions



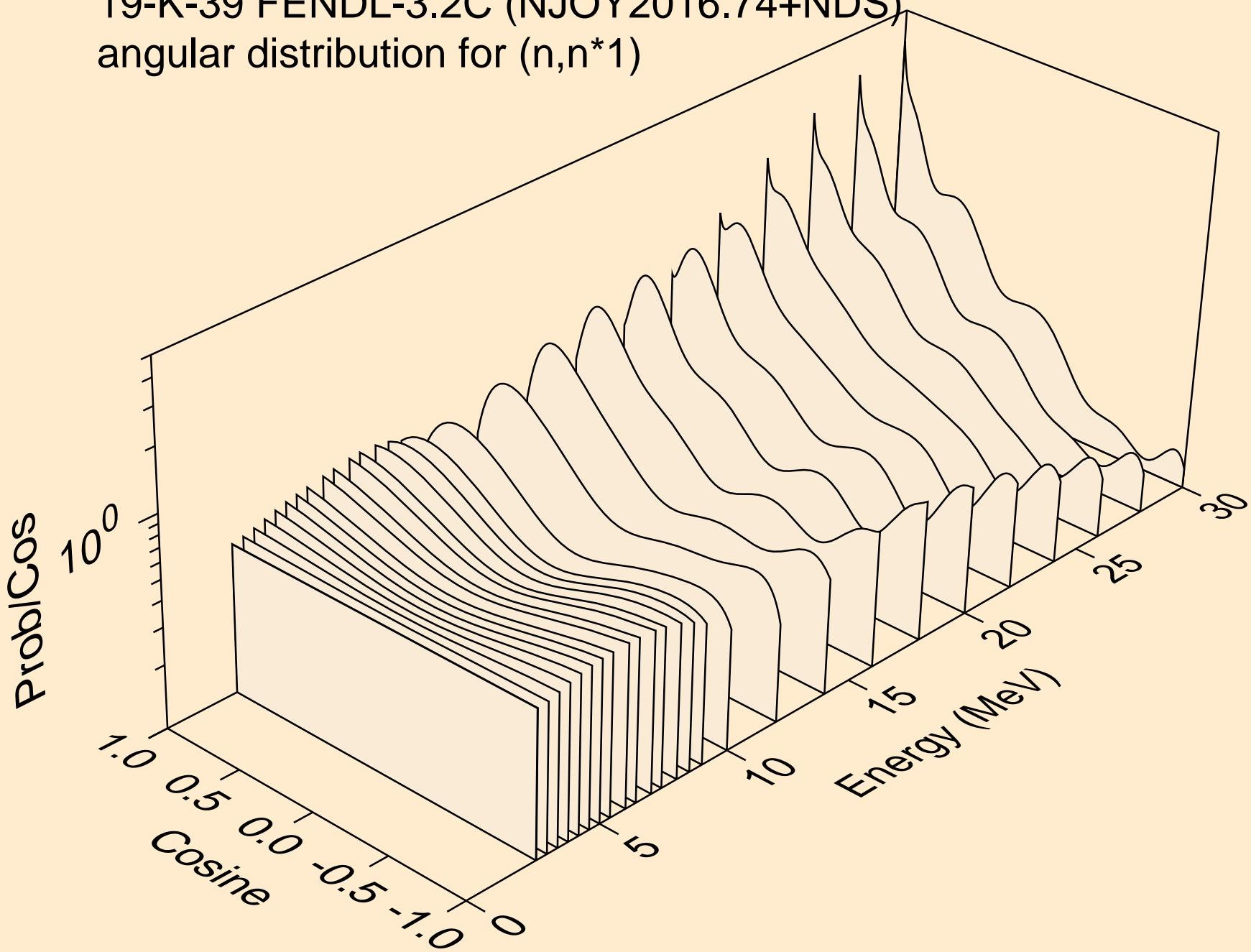
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for elastic



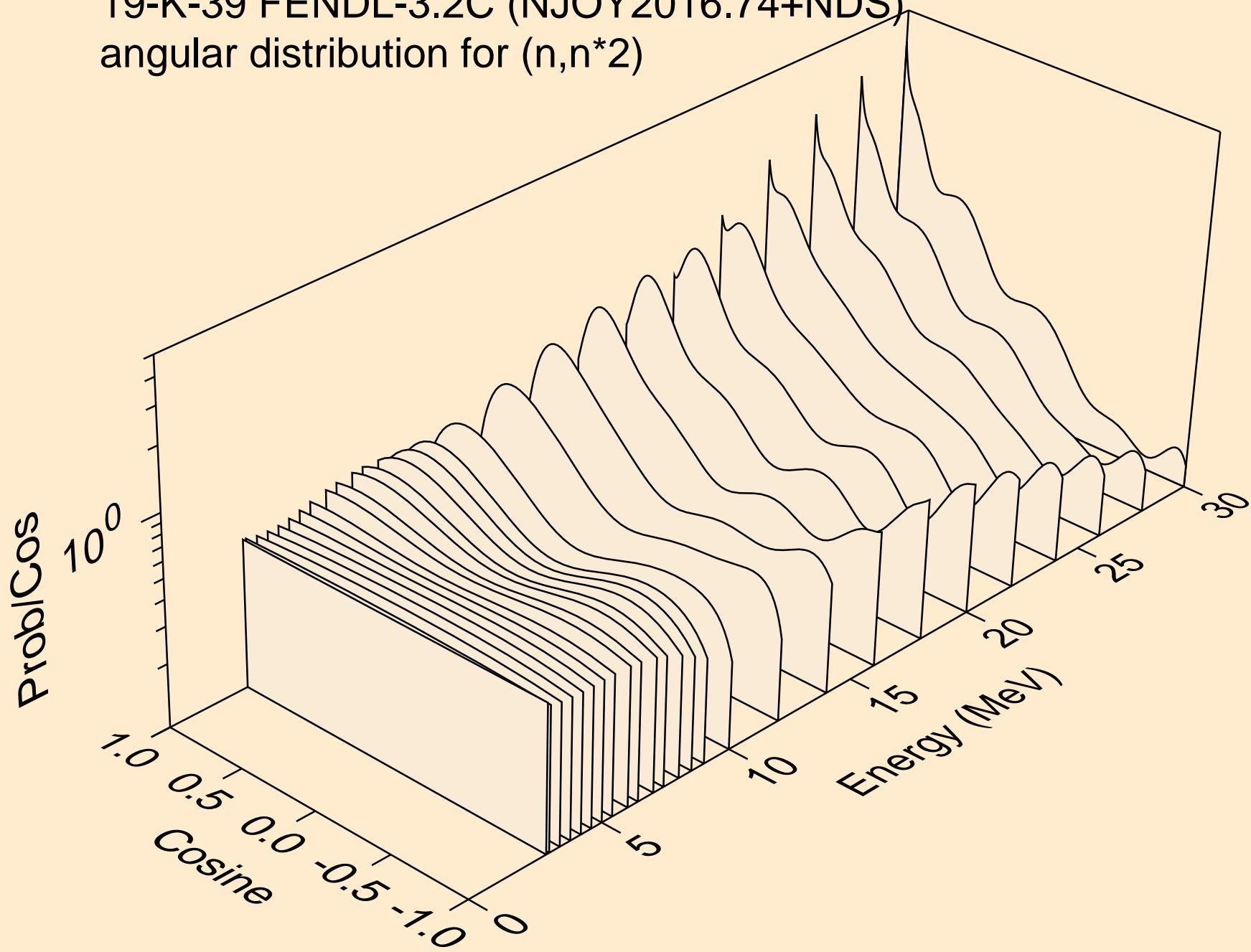
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for elastic



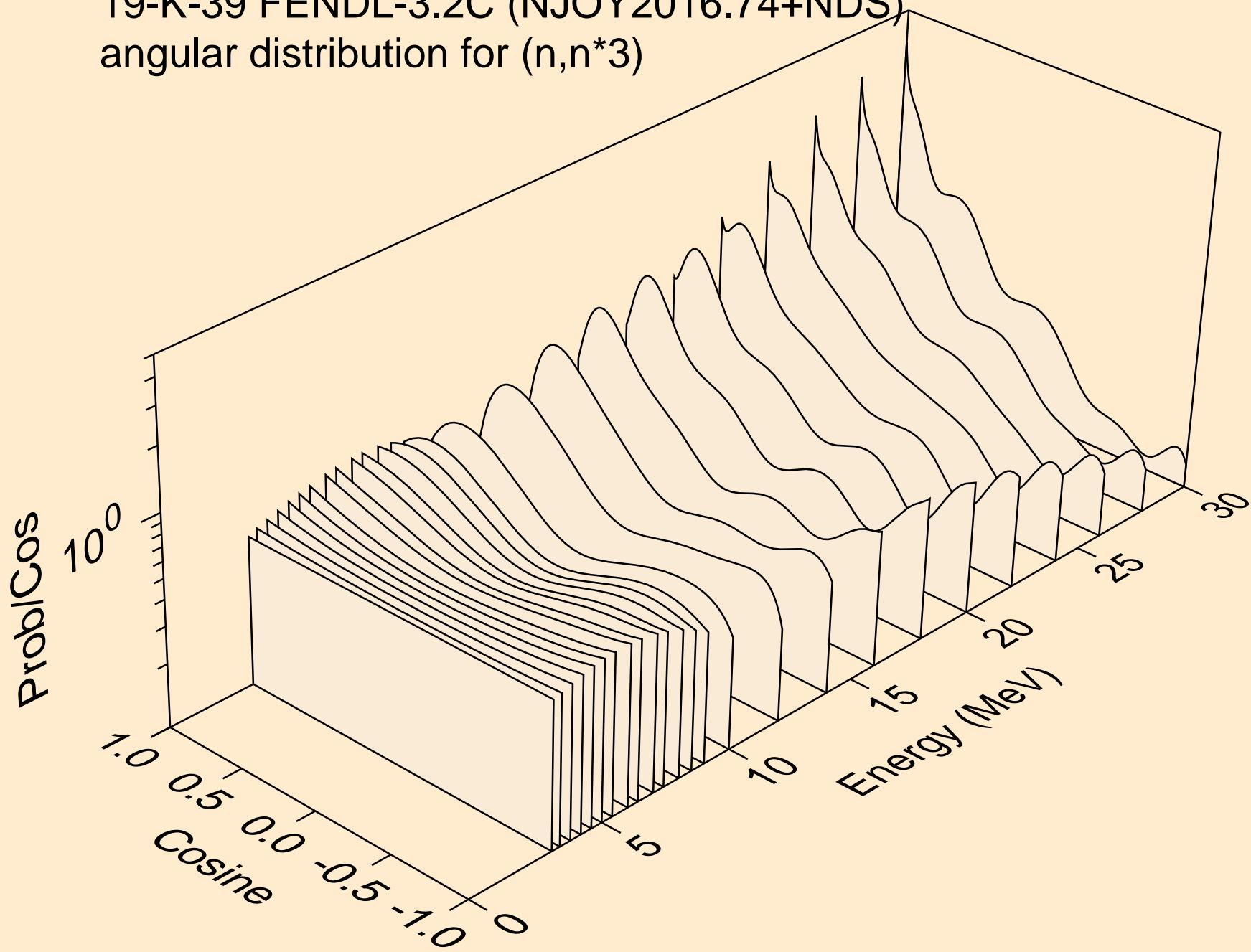
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n*1)



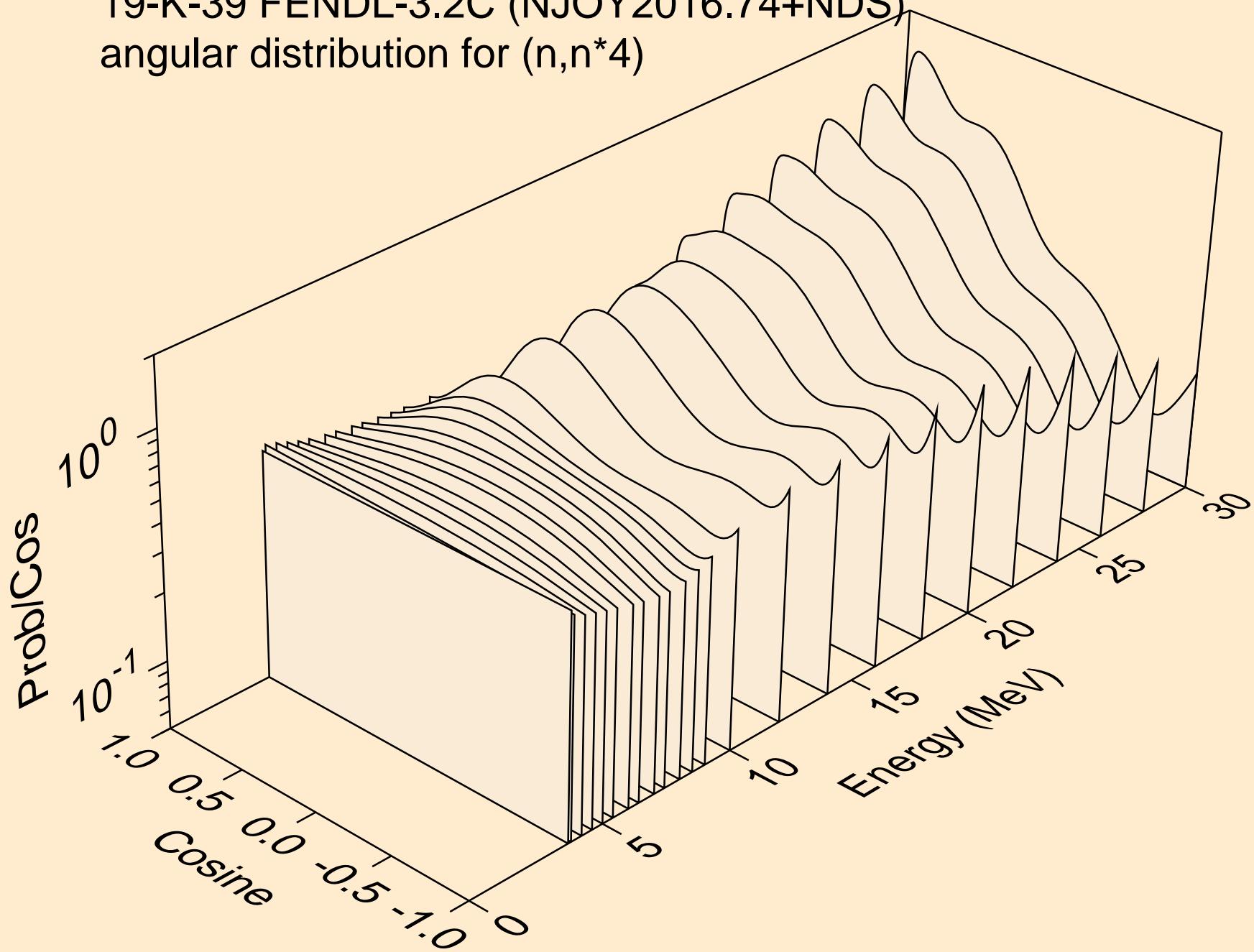
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^2)



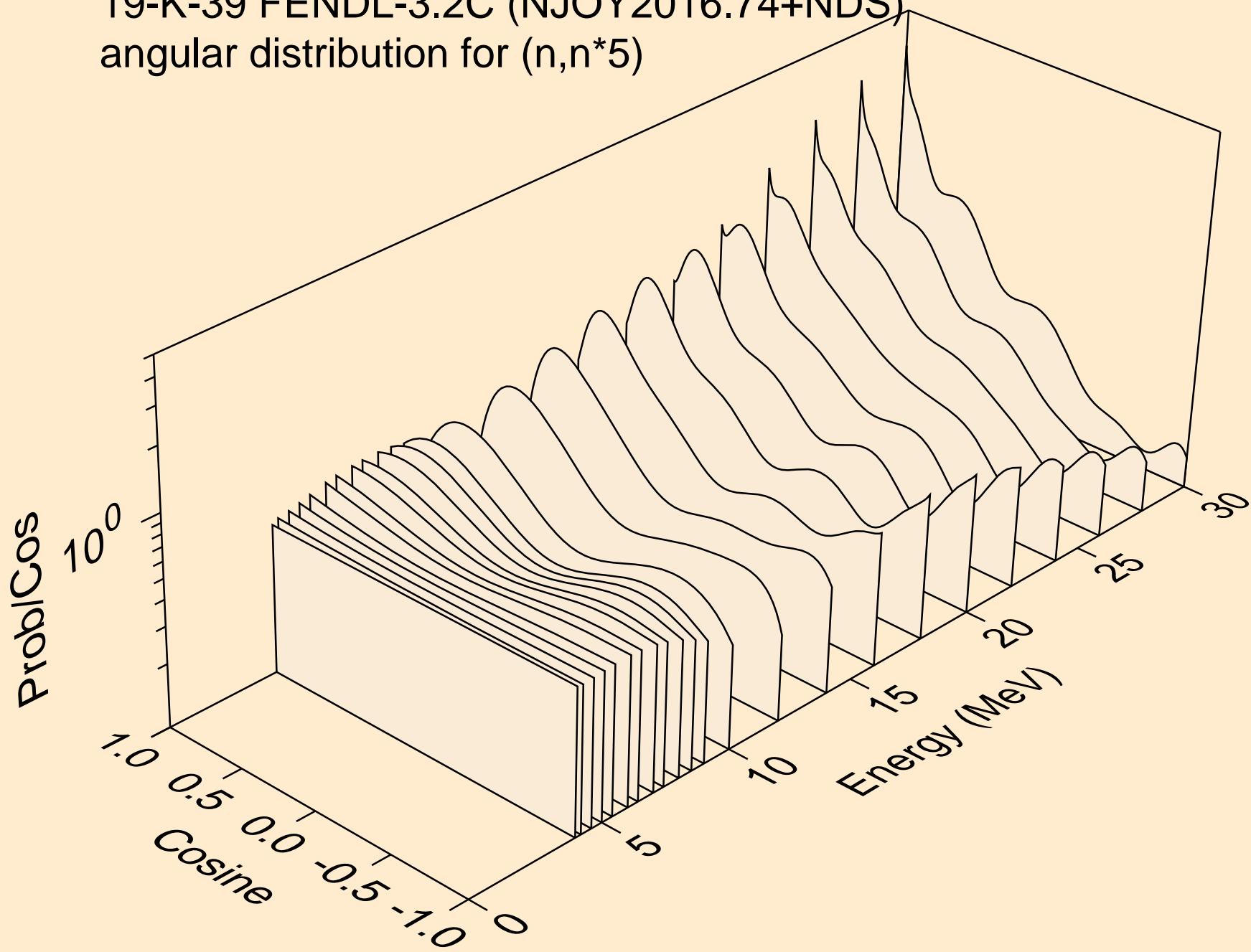
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)^3$



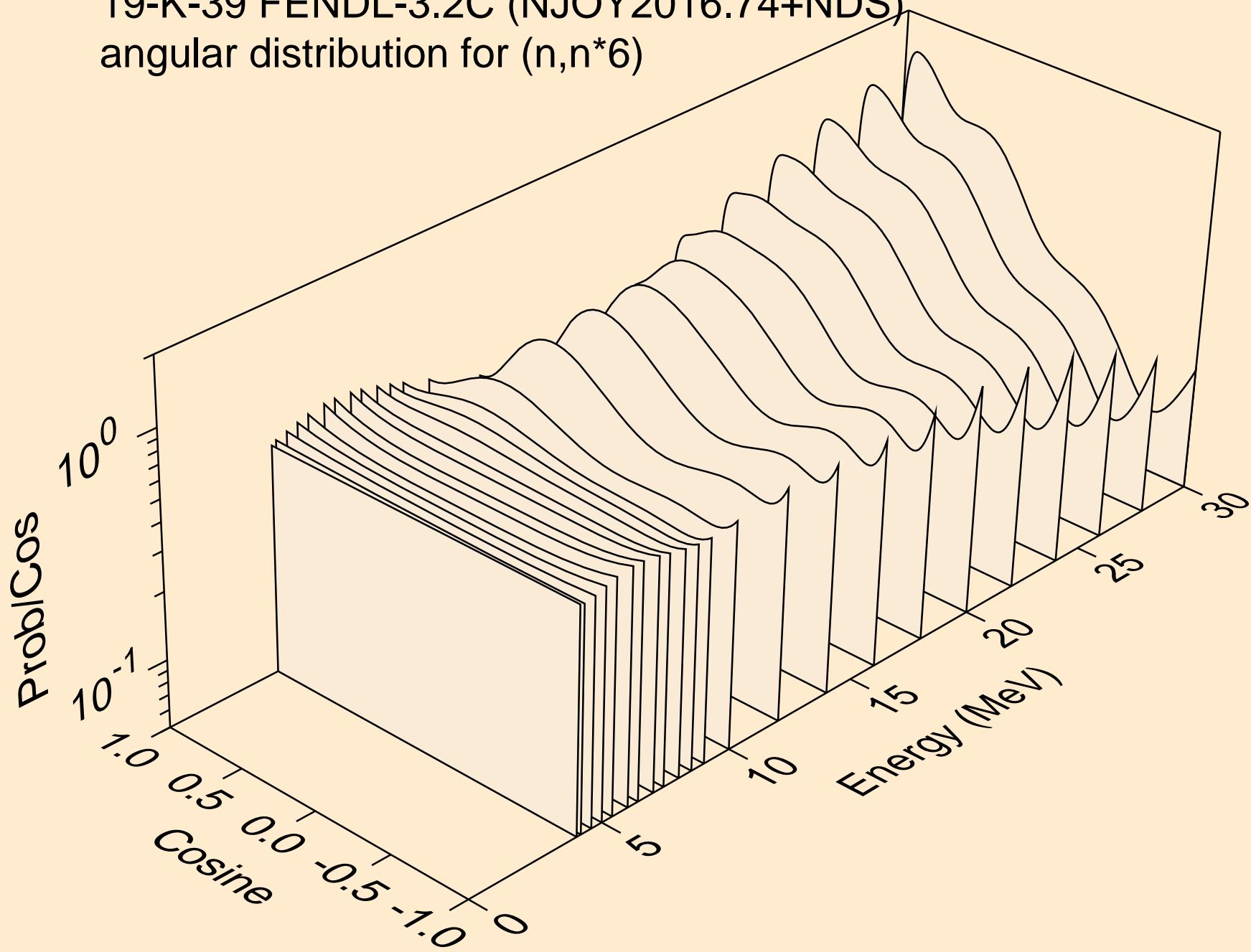
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n*4)



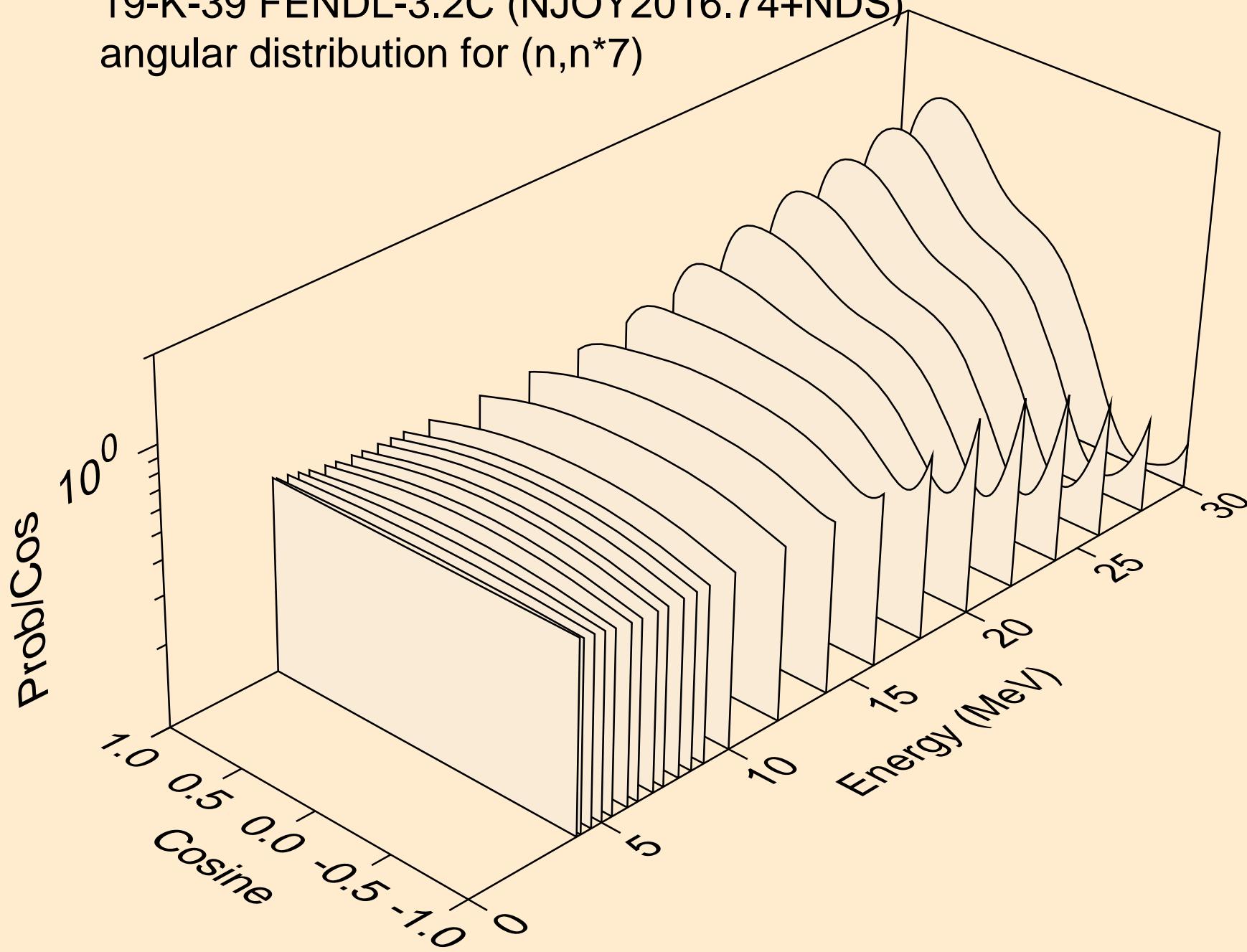
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^*)



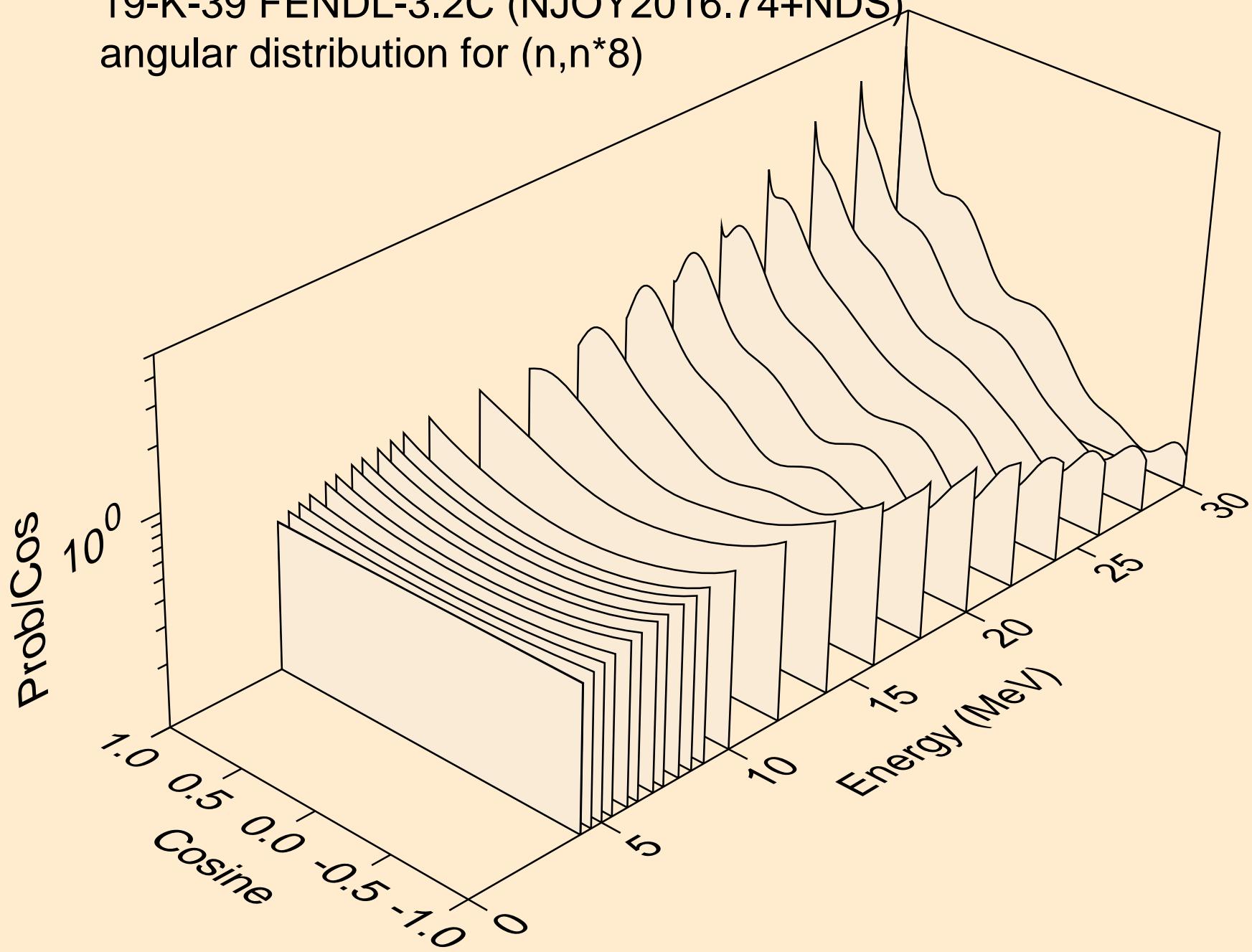
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)^6$



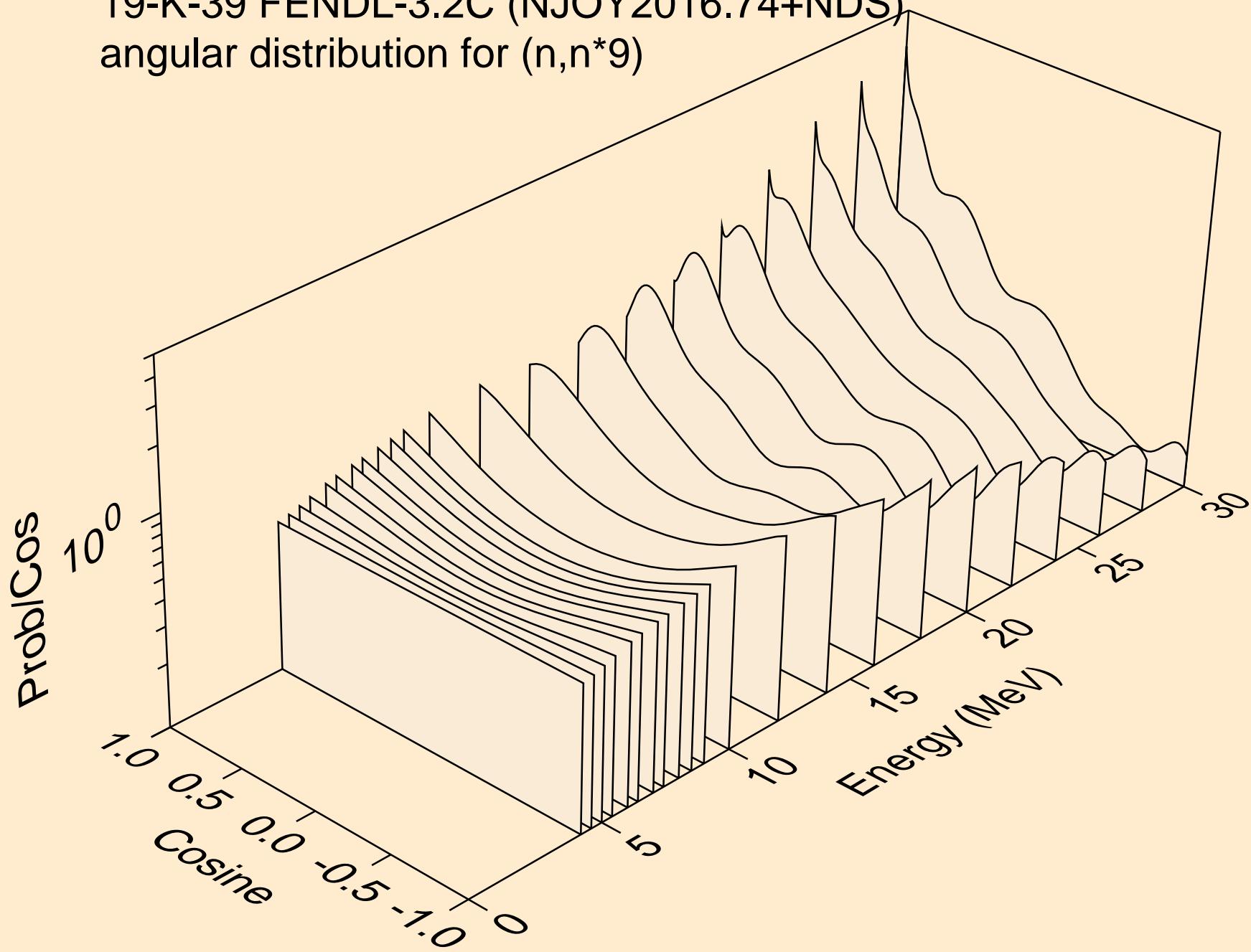
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)^7$



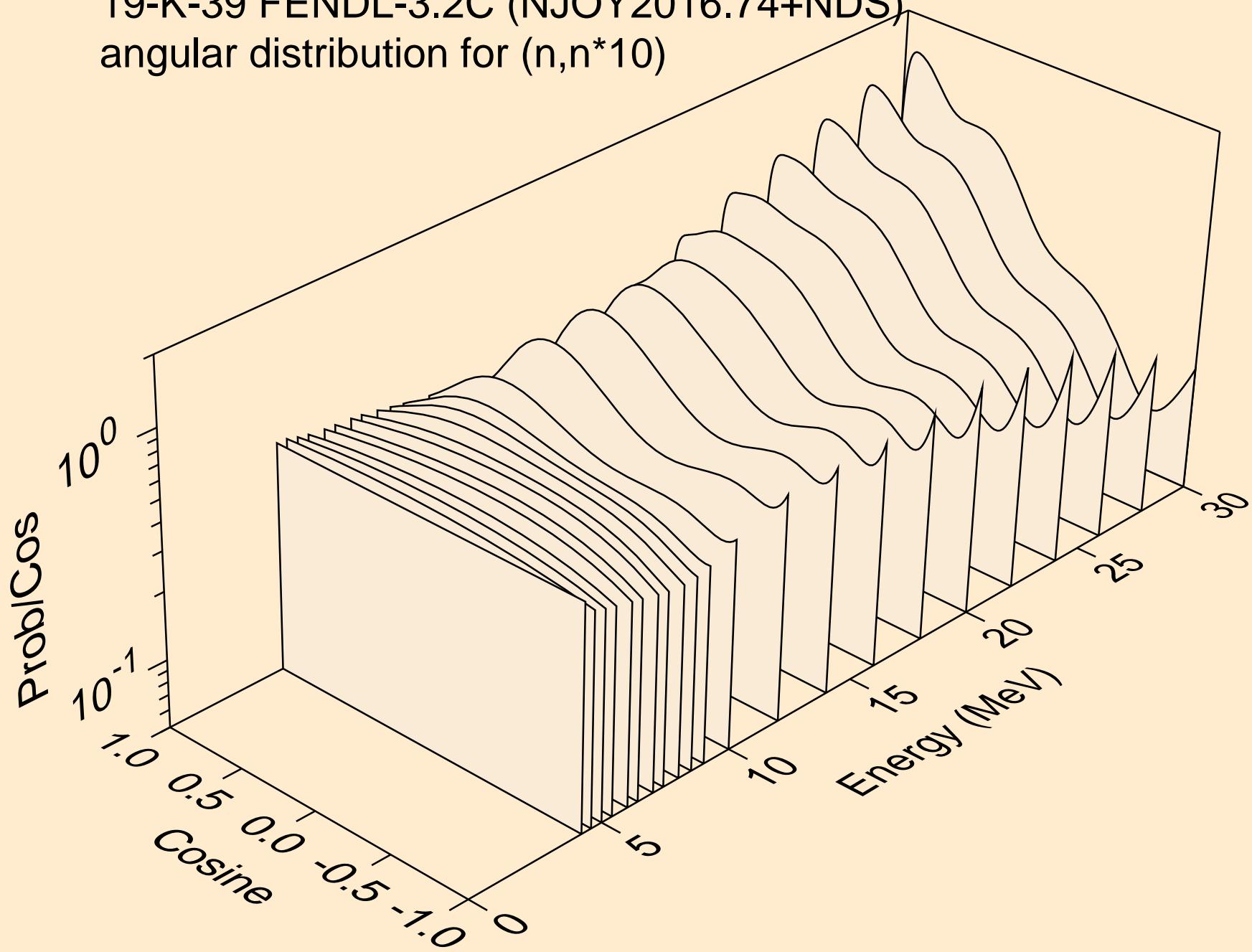
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)^8$



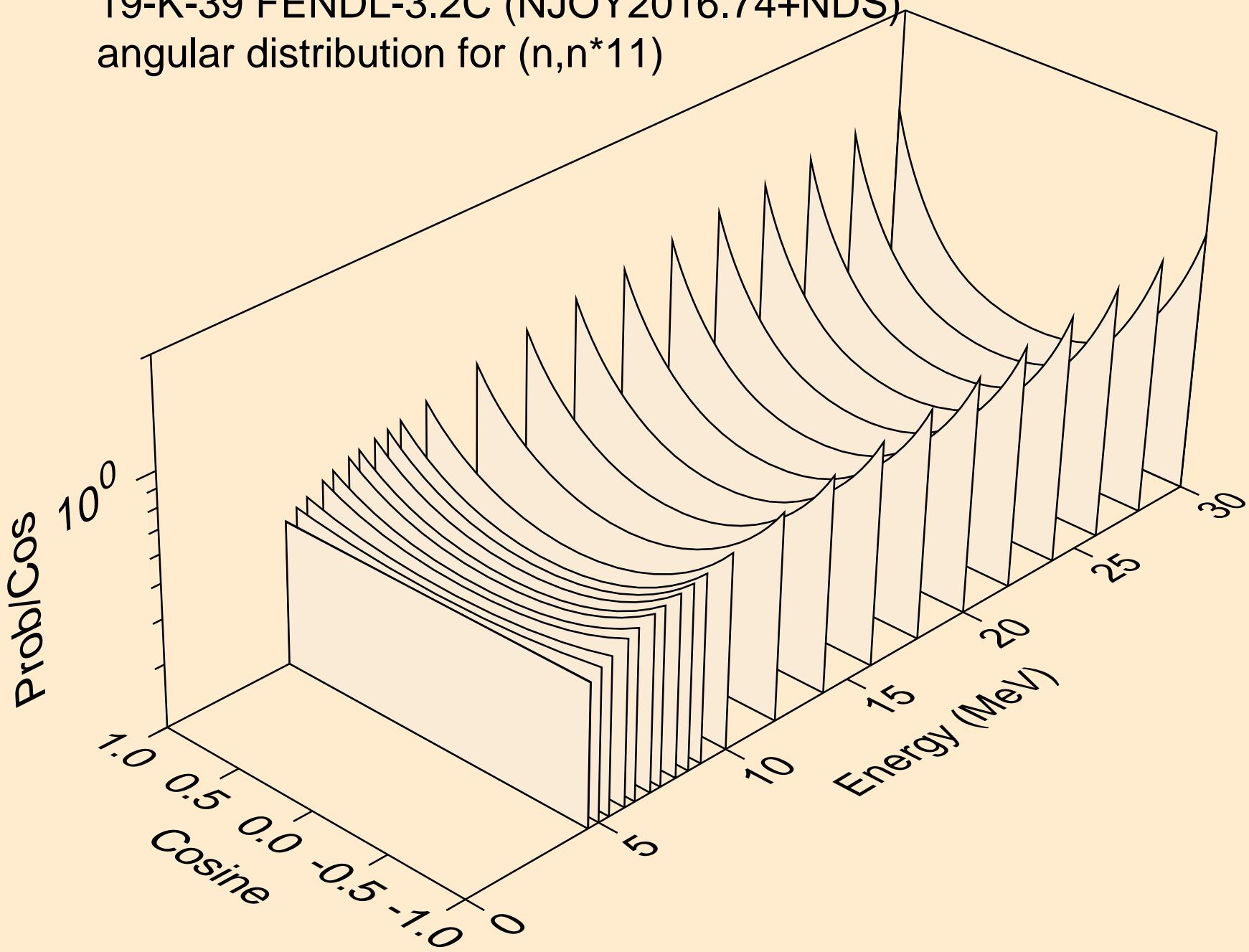
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)9$



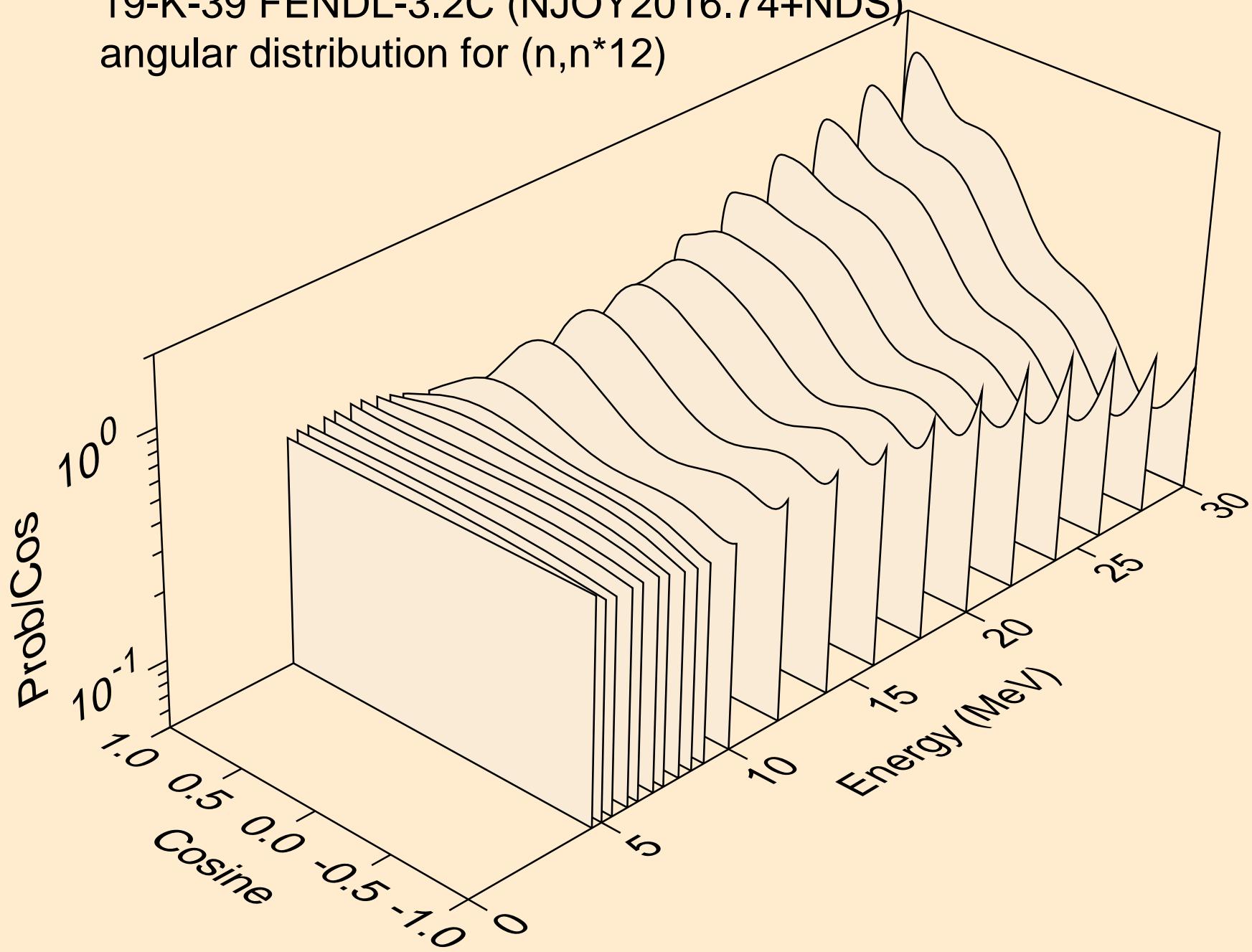
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n*10)



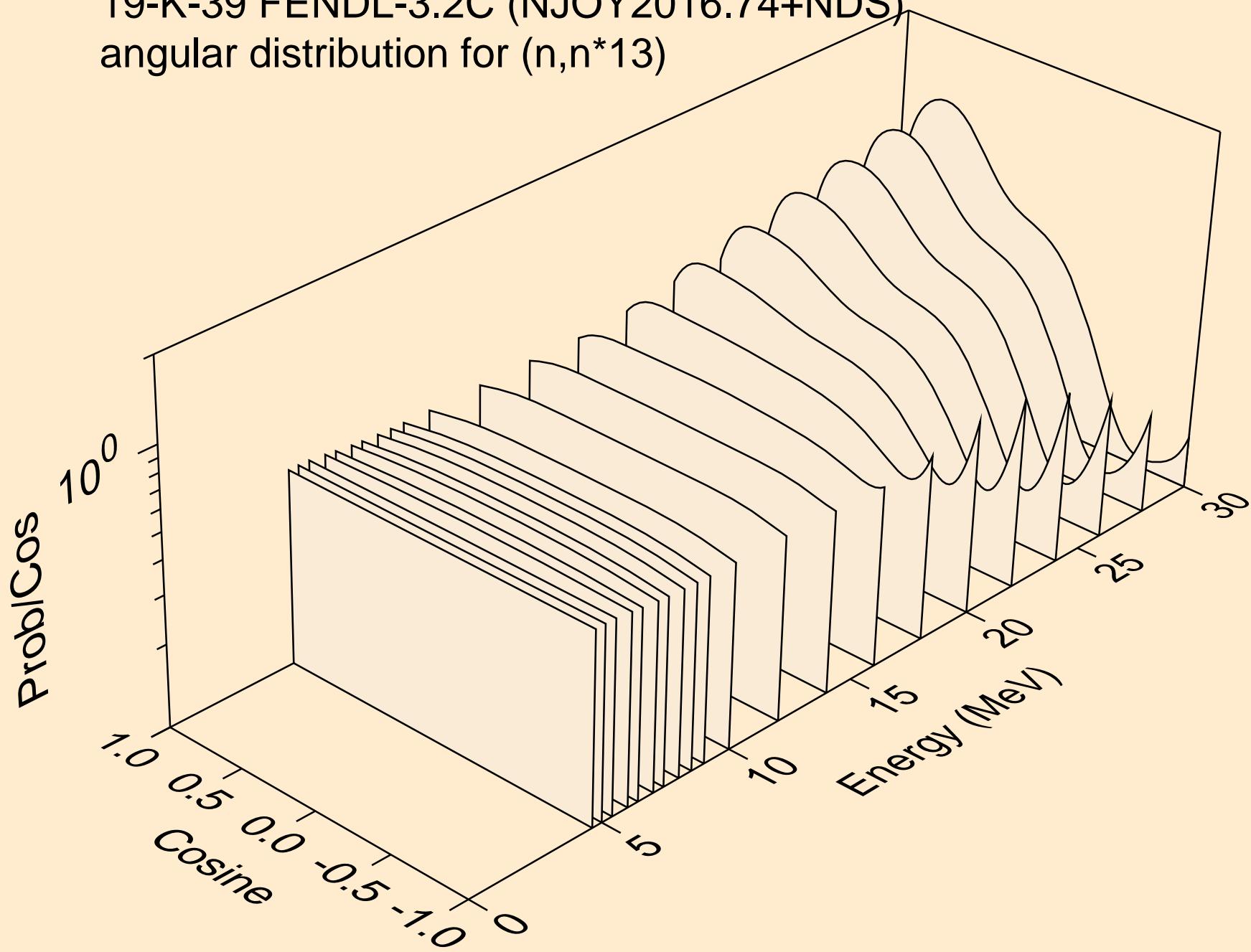
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n*11)



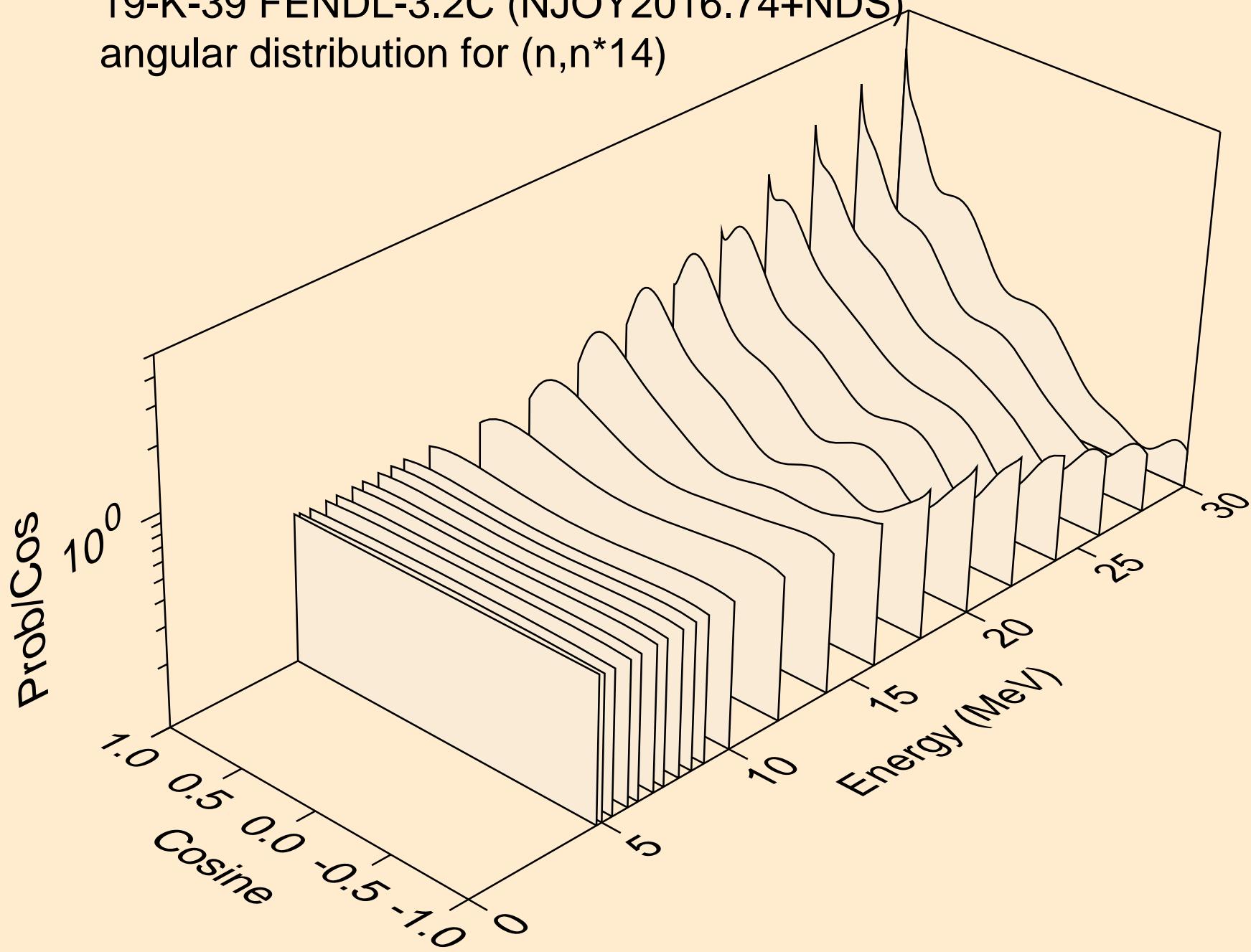
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^*12)



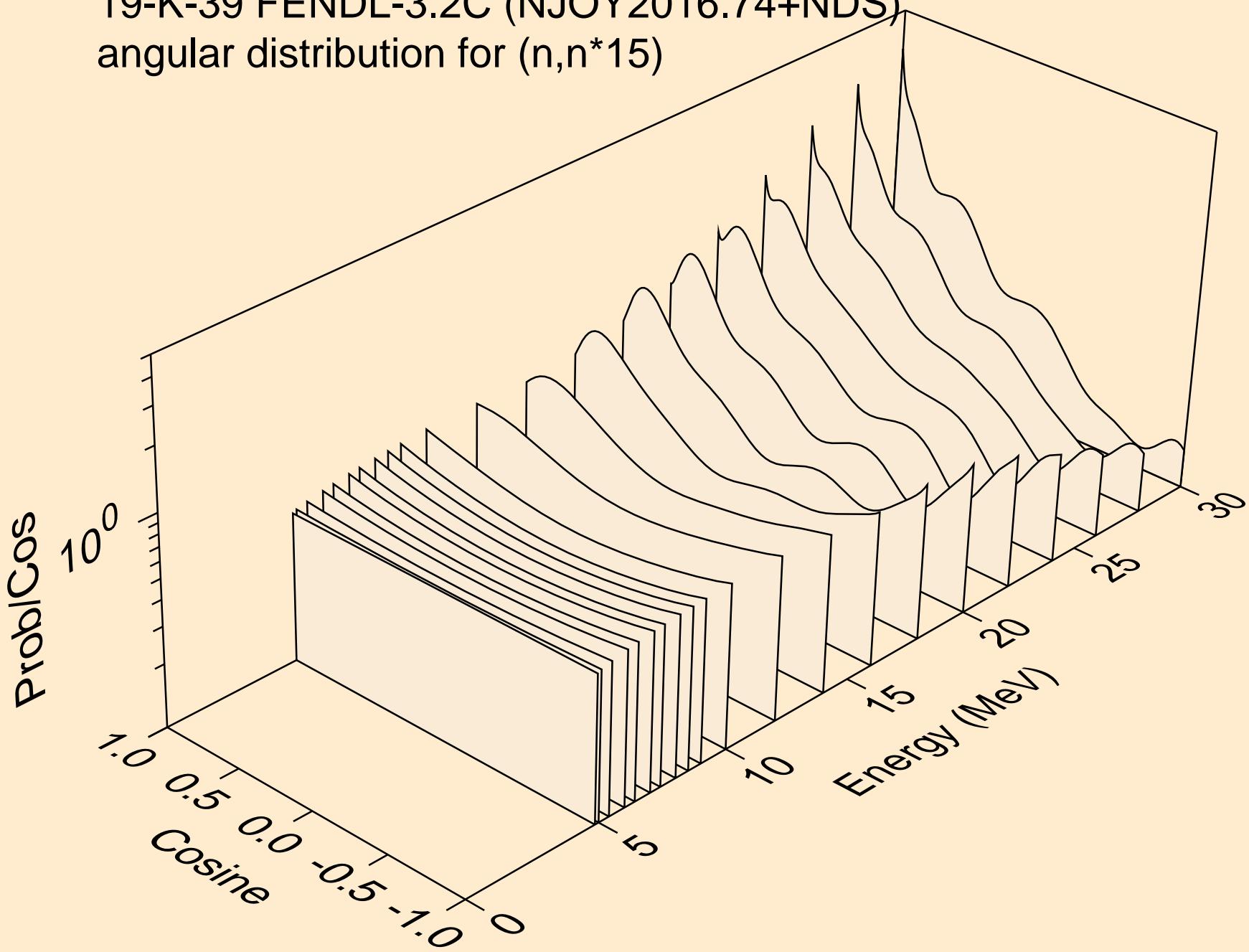
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^*13)



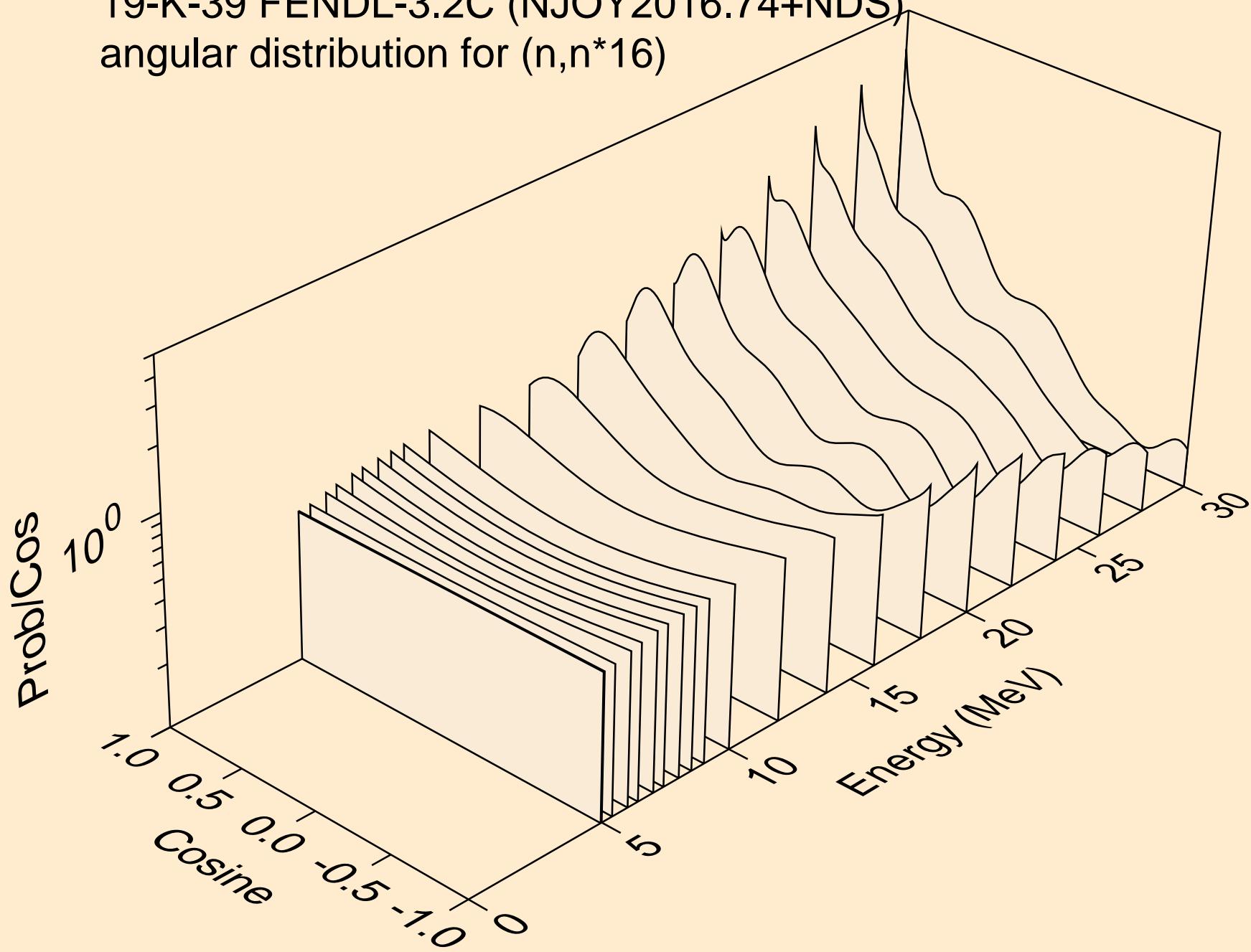
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n*14)



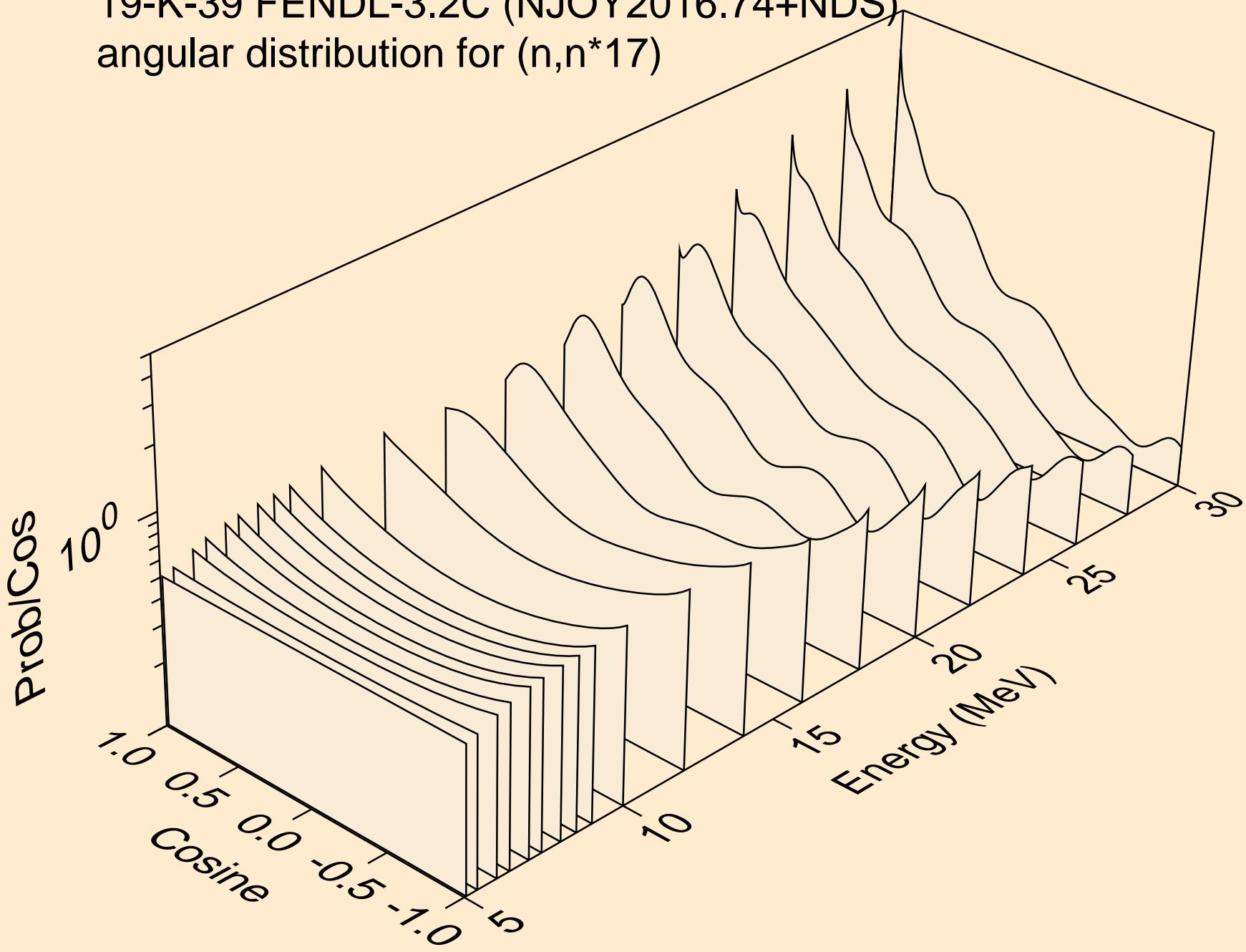
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n*15)



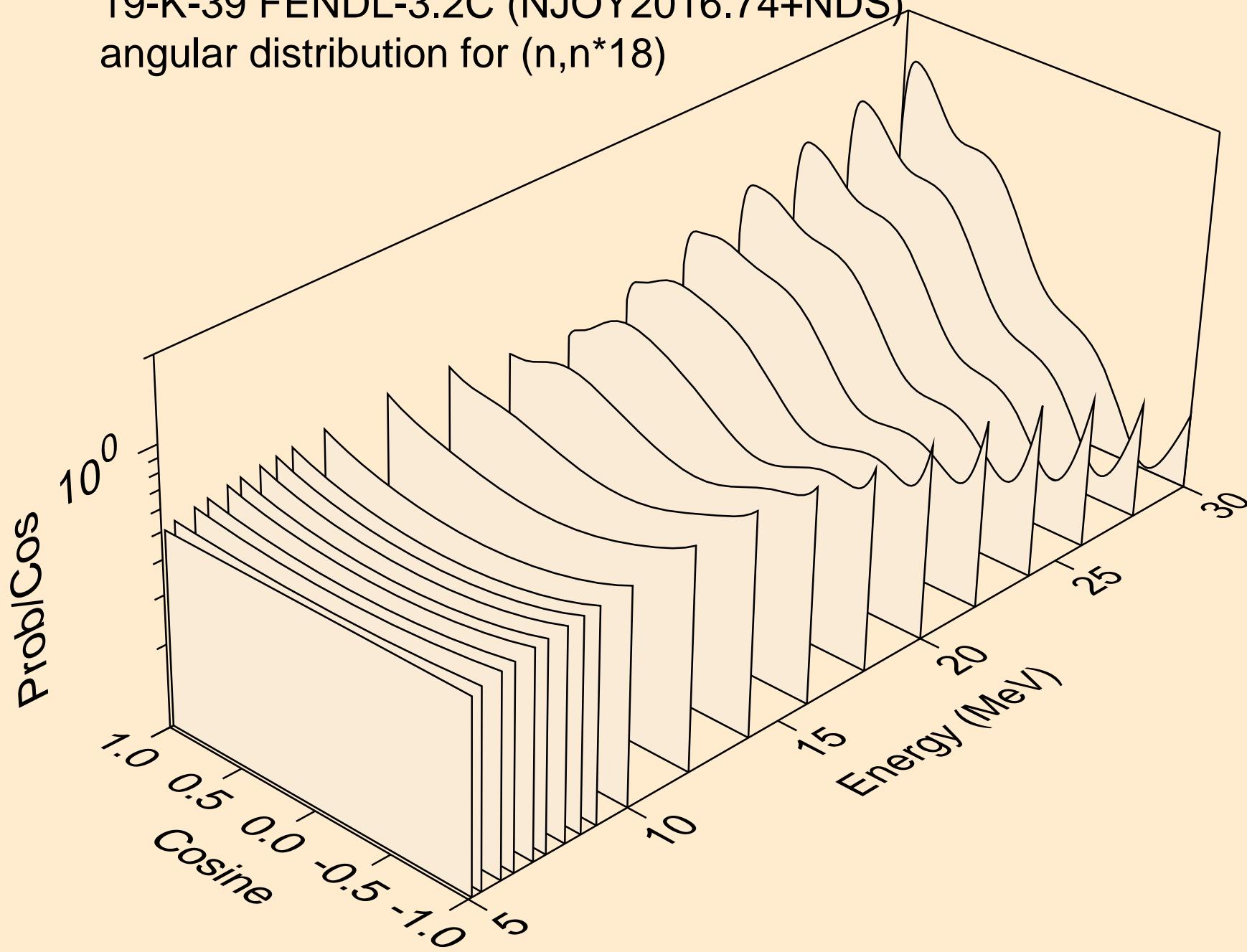
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n*16)



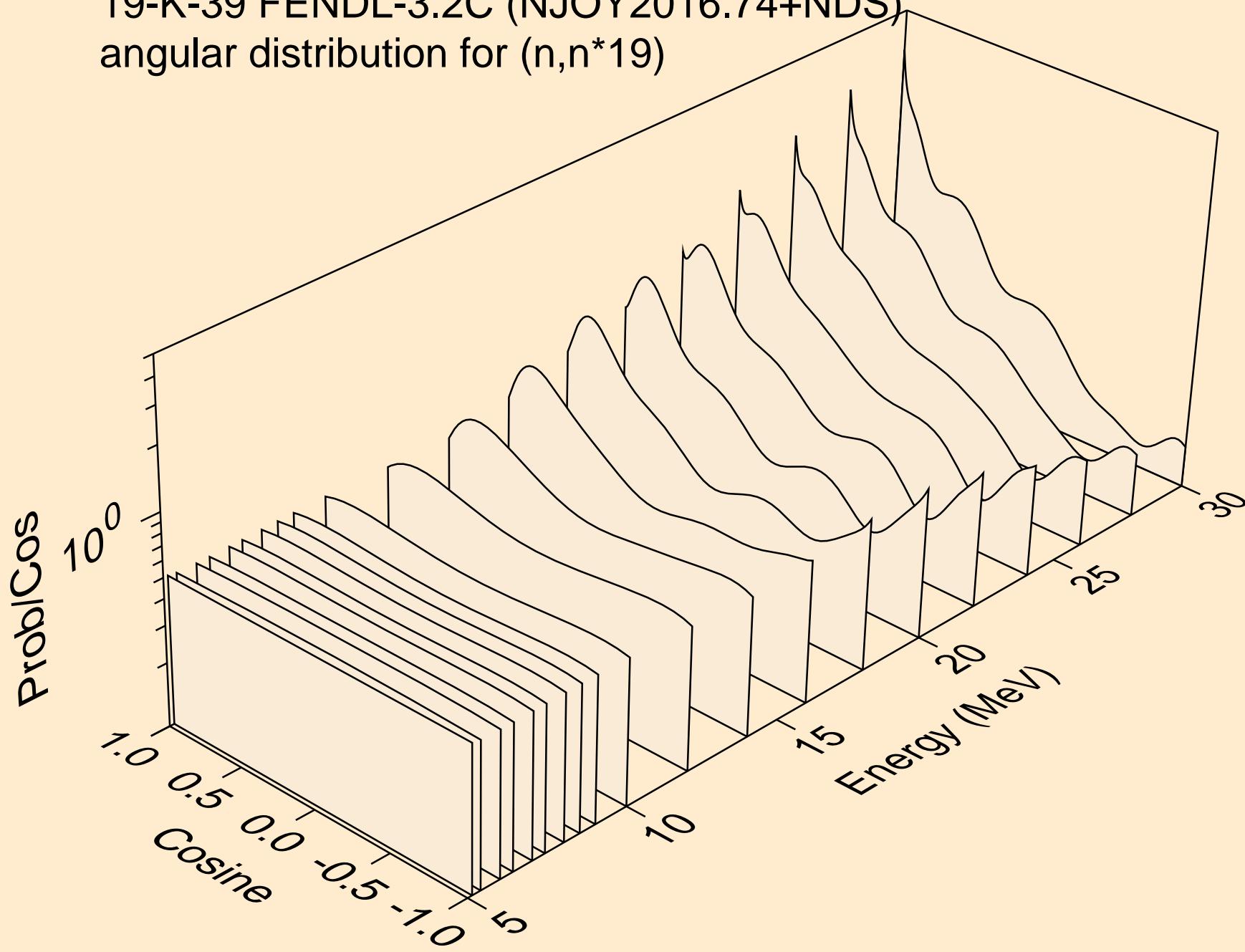
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^*17)



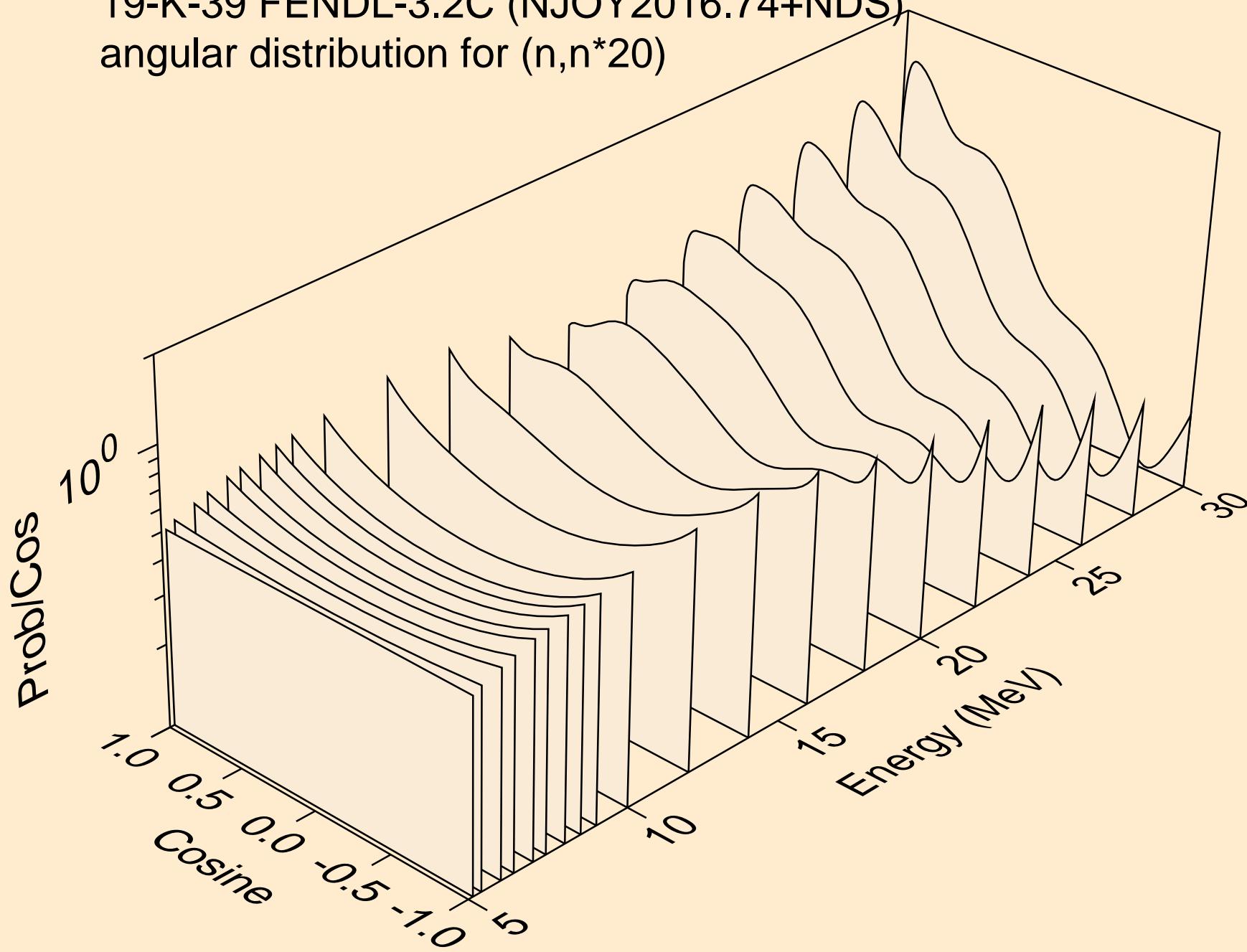
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^*18)



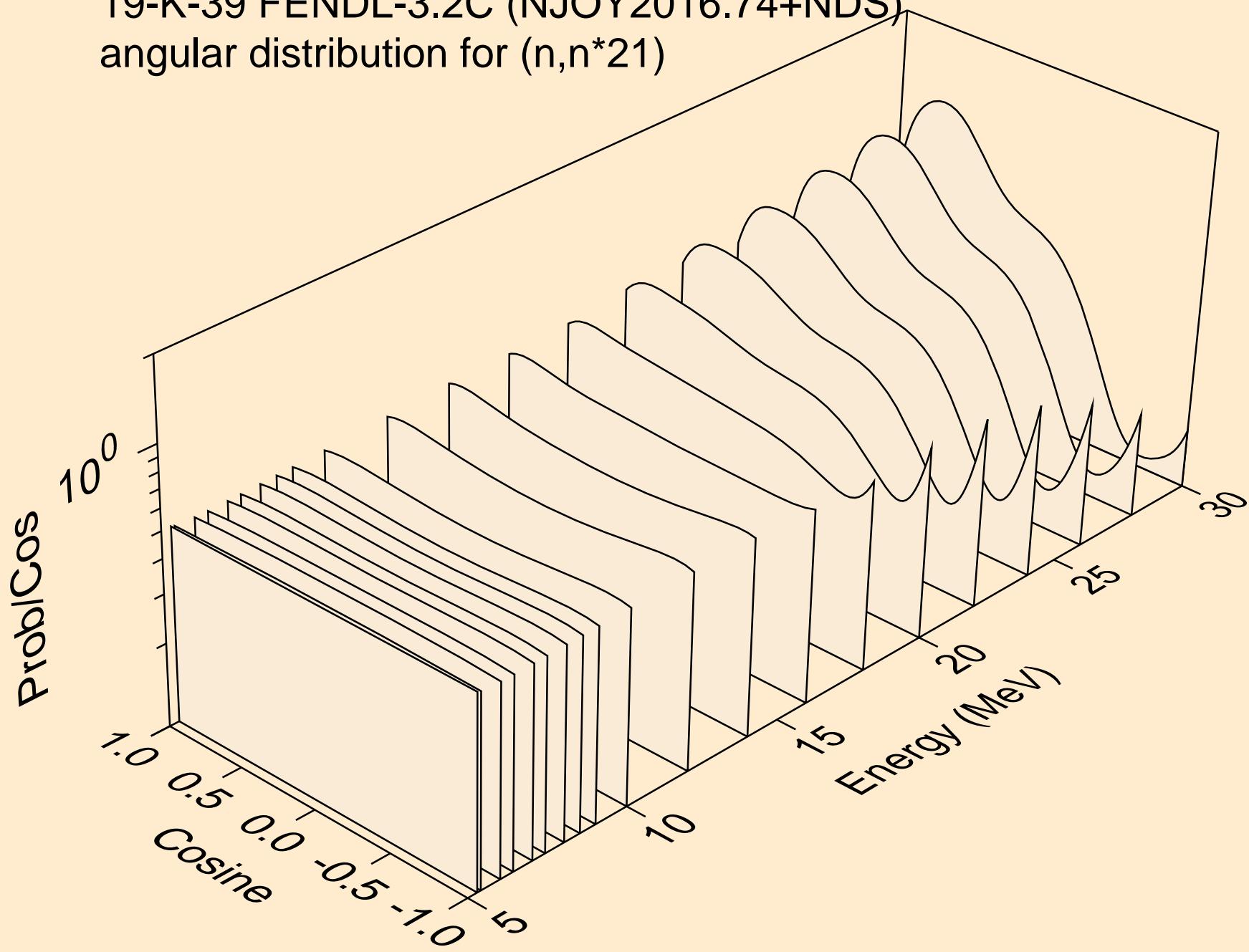
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^*19)



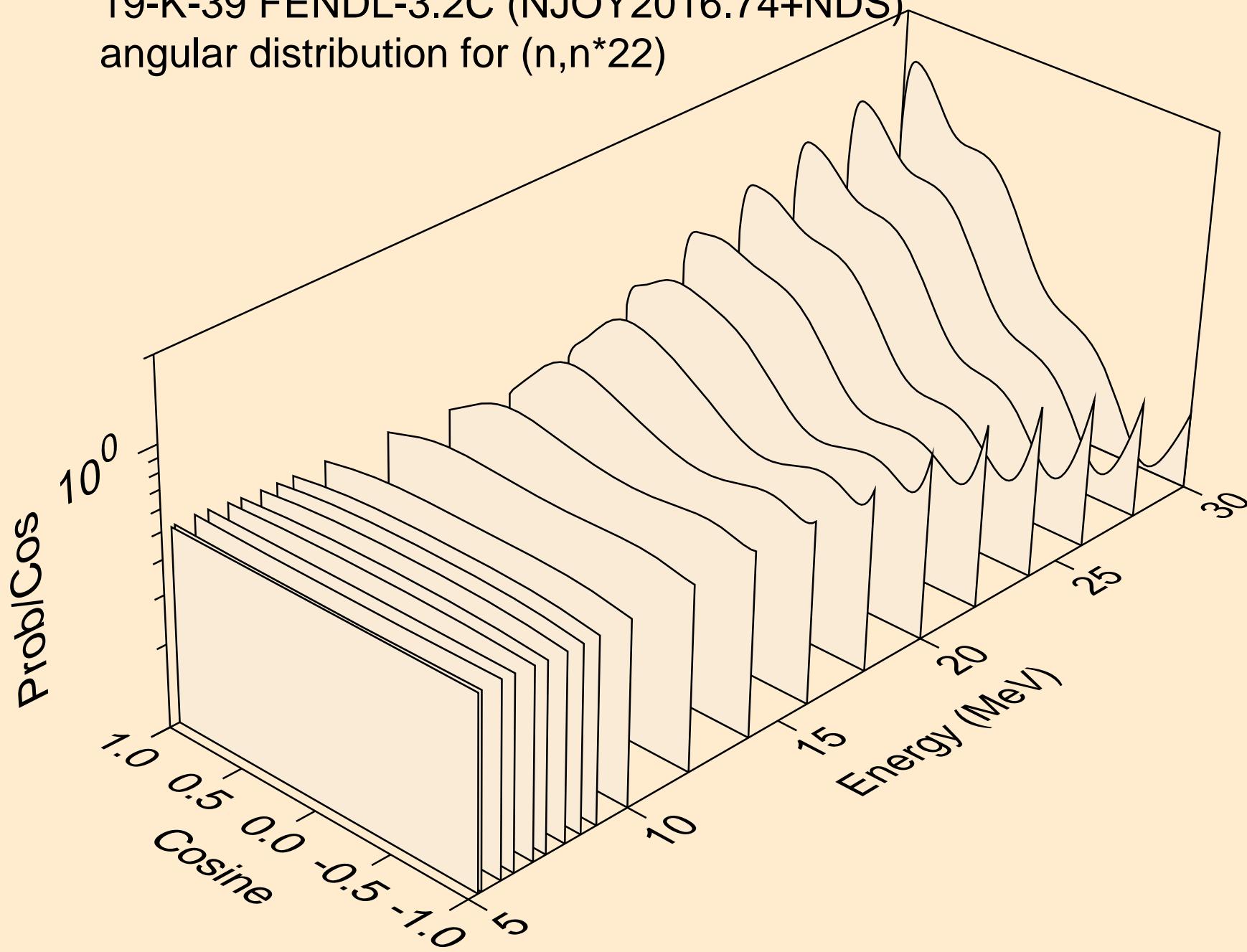
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)^{20}$



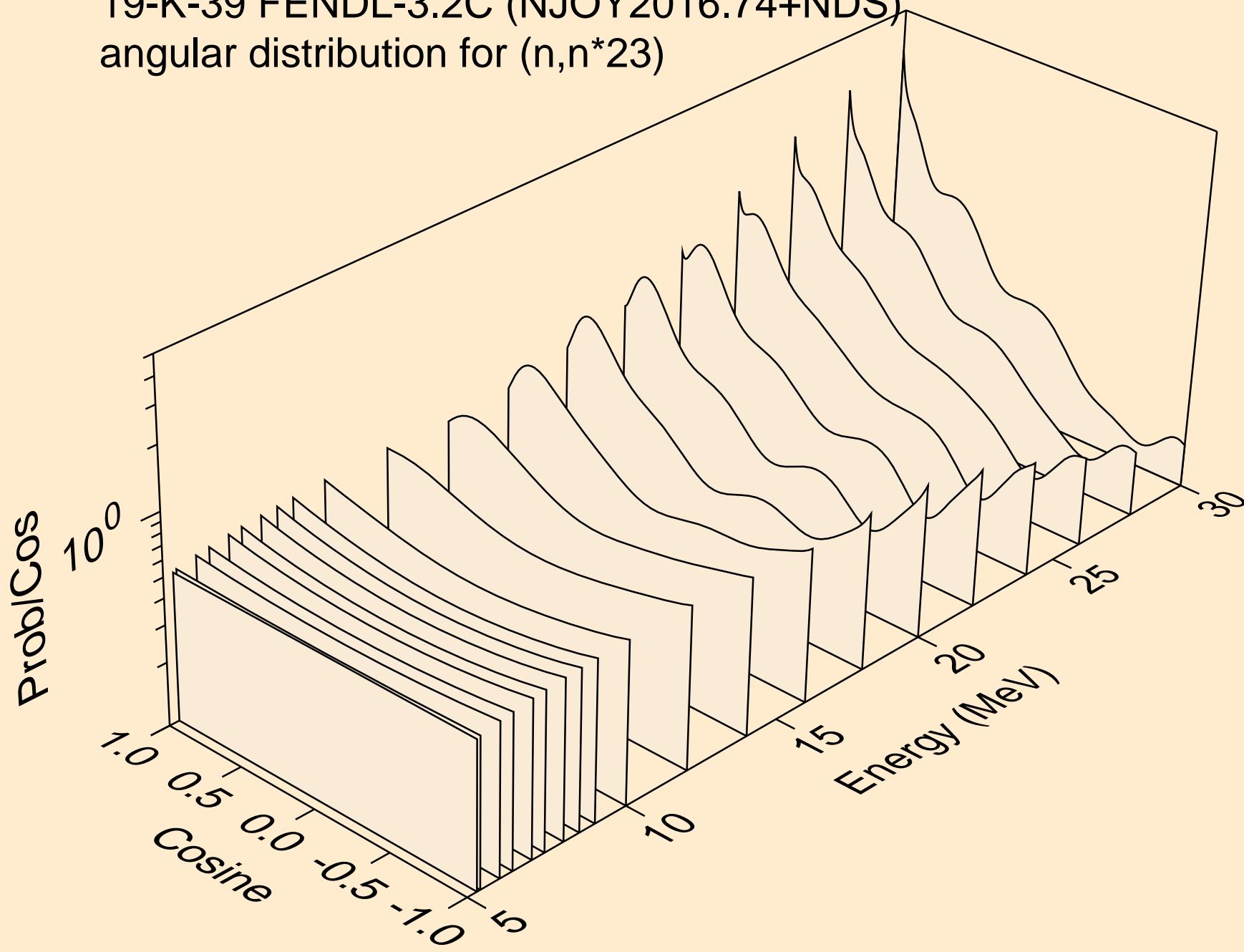
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (n,n^*21)



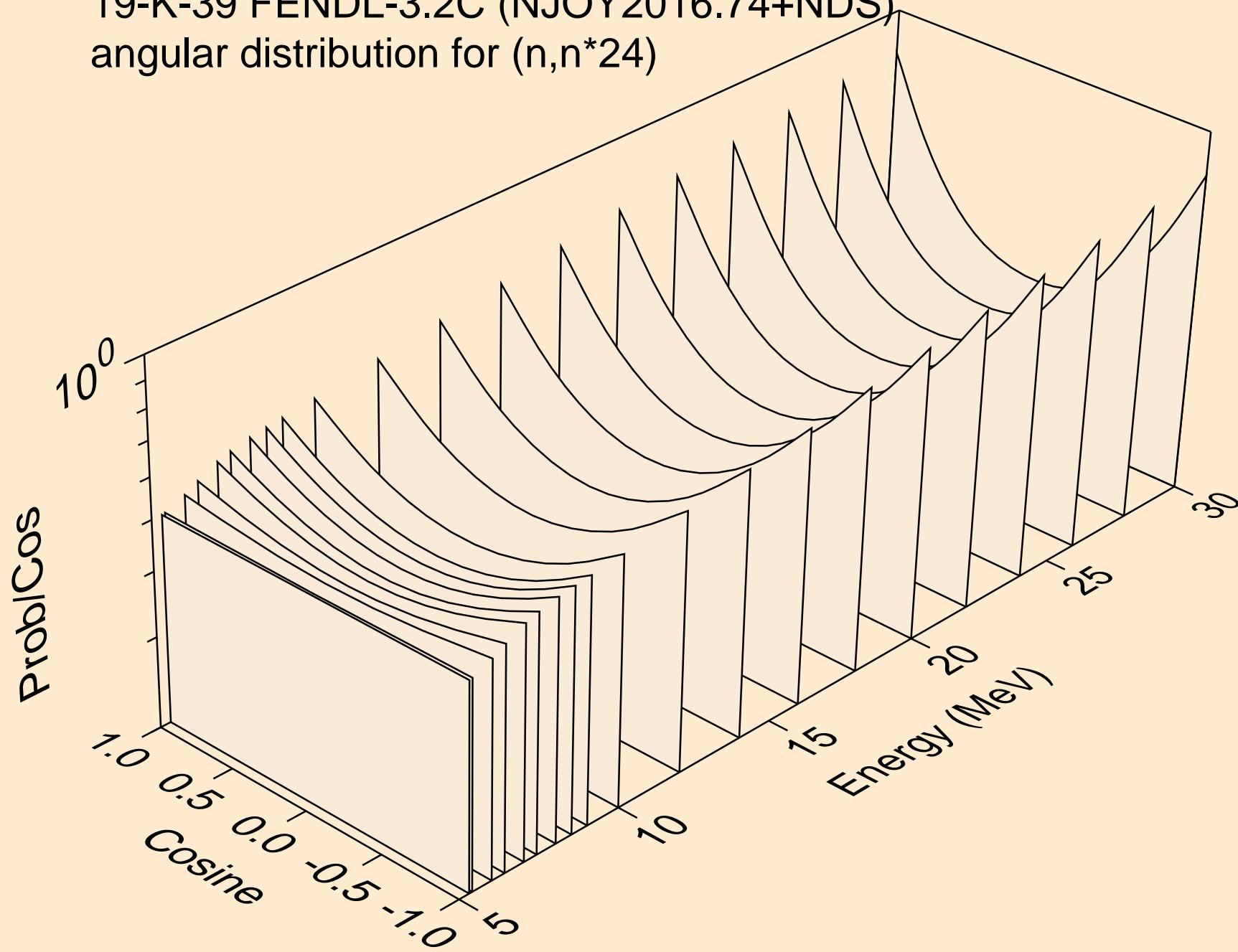
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)_{22}$



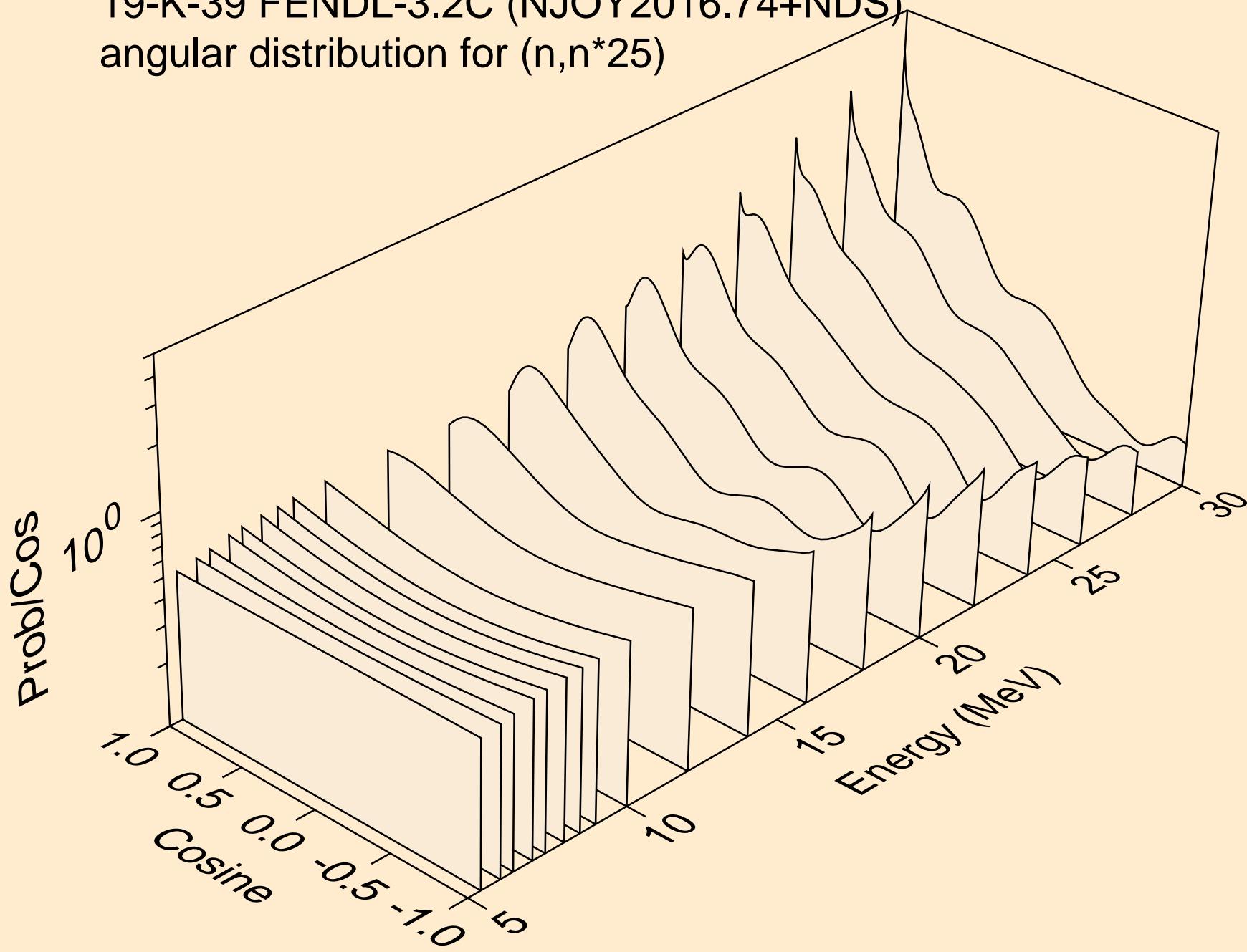
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)_{23}$



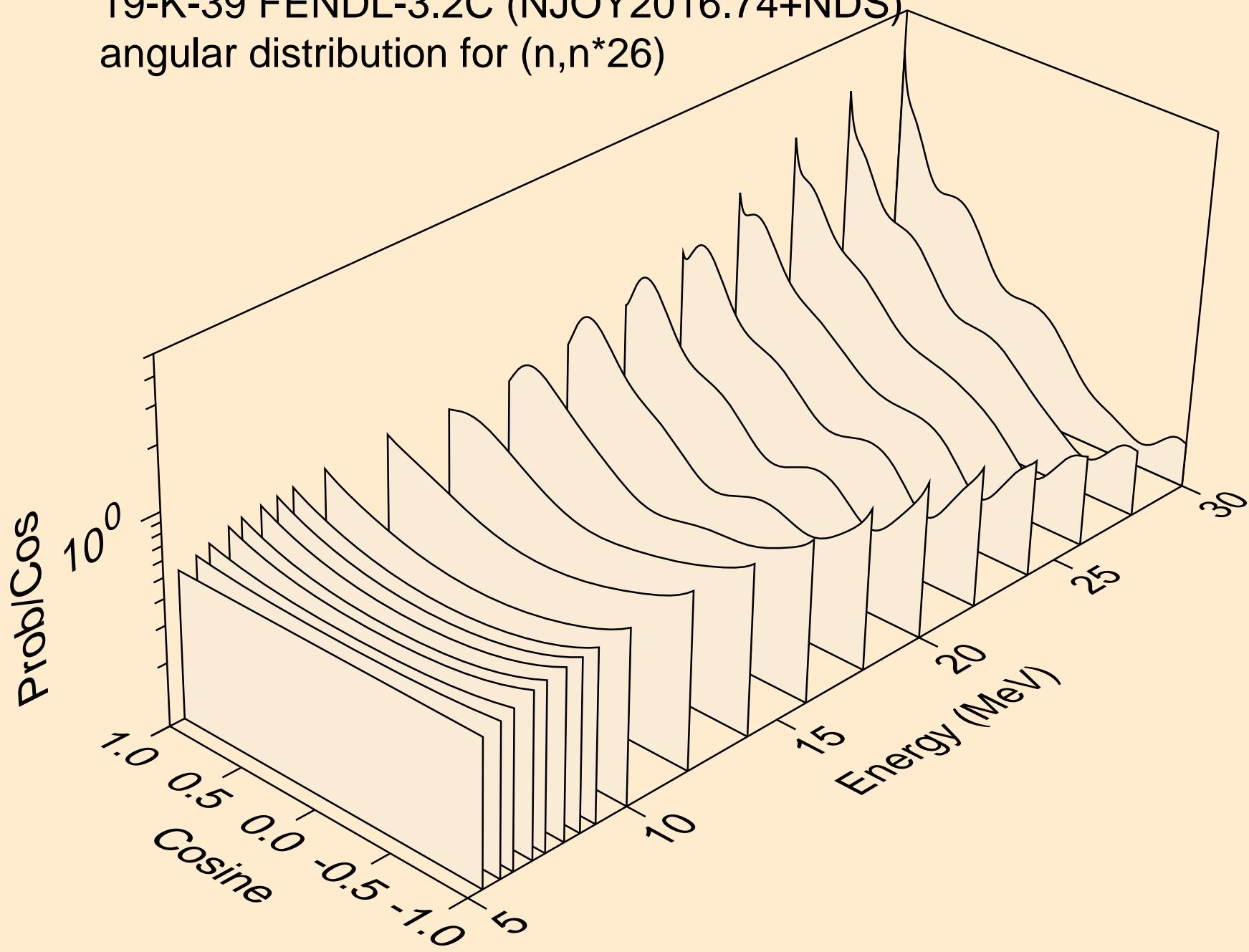
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)^{24}$



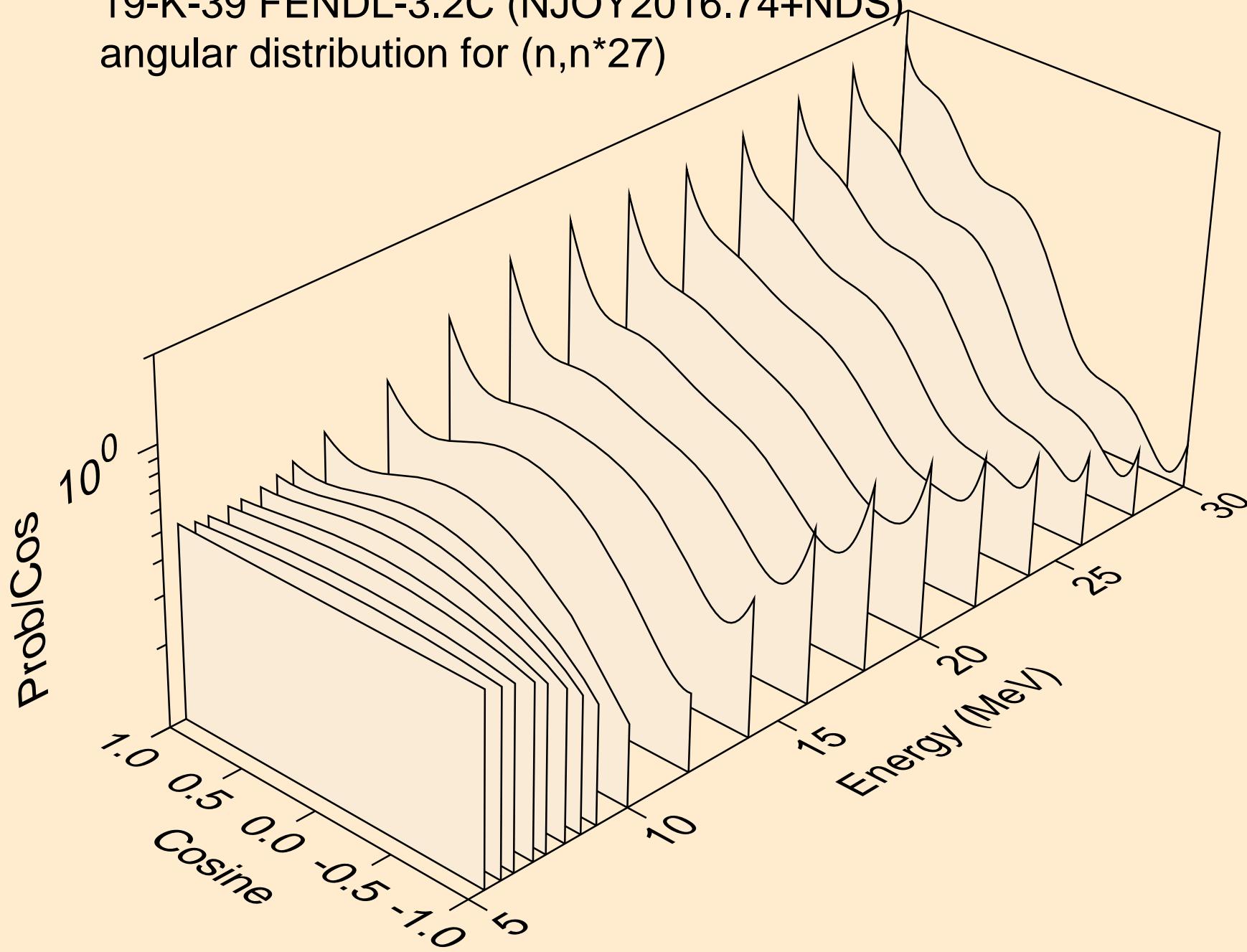
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)_{25}$



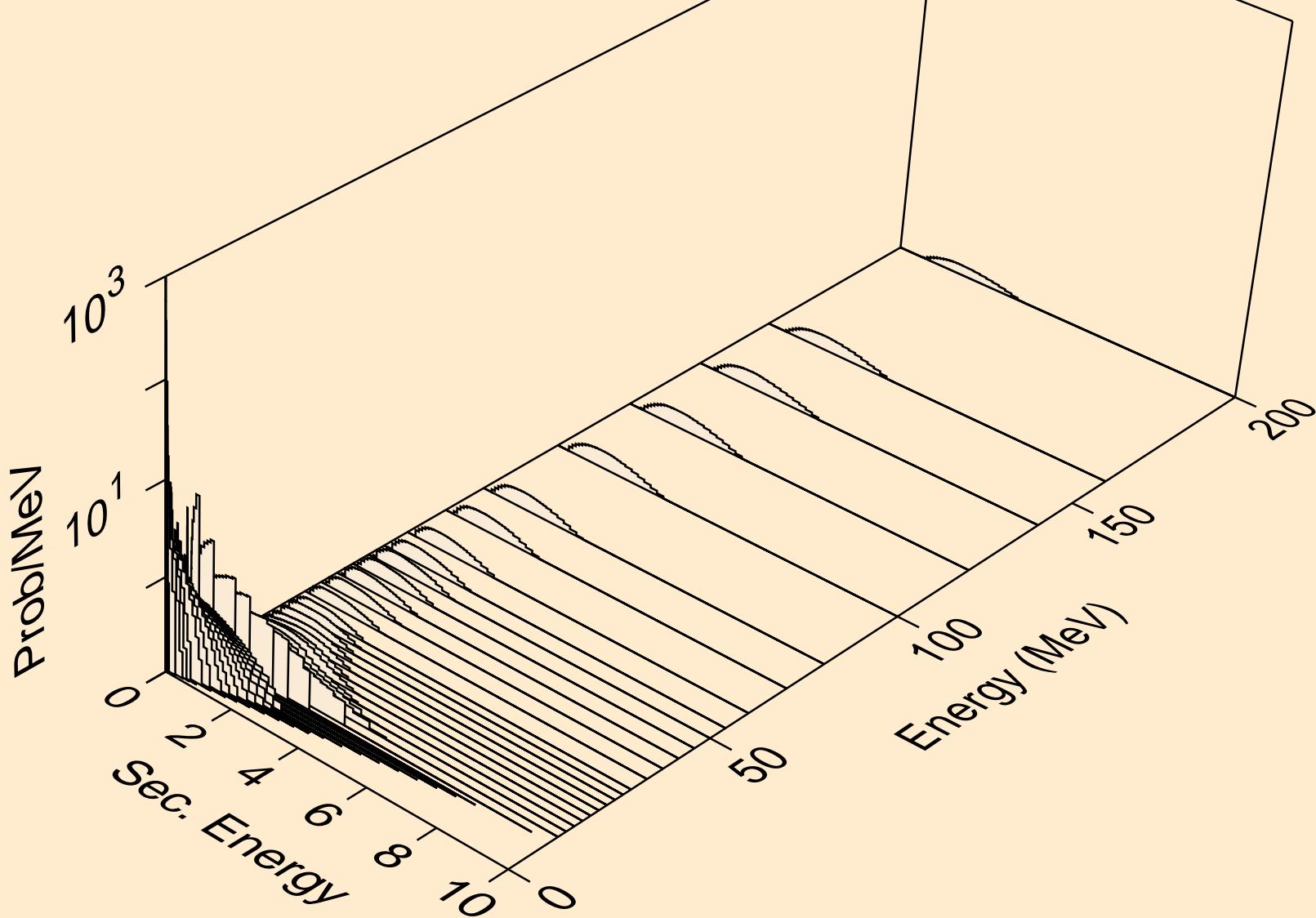
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)_{26}$



19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for $(n,n^*)_{27}$

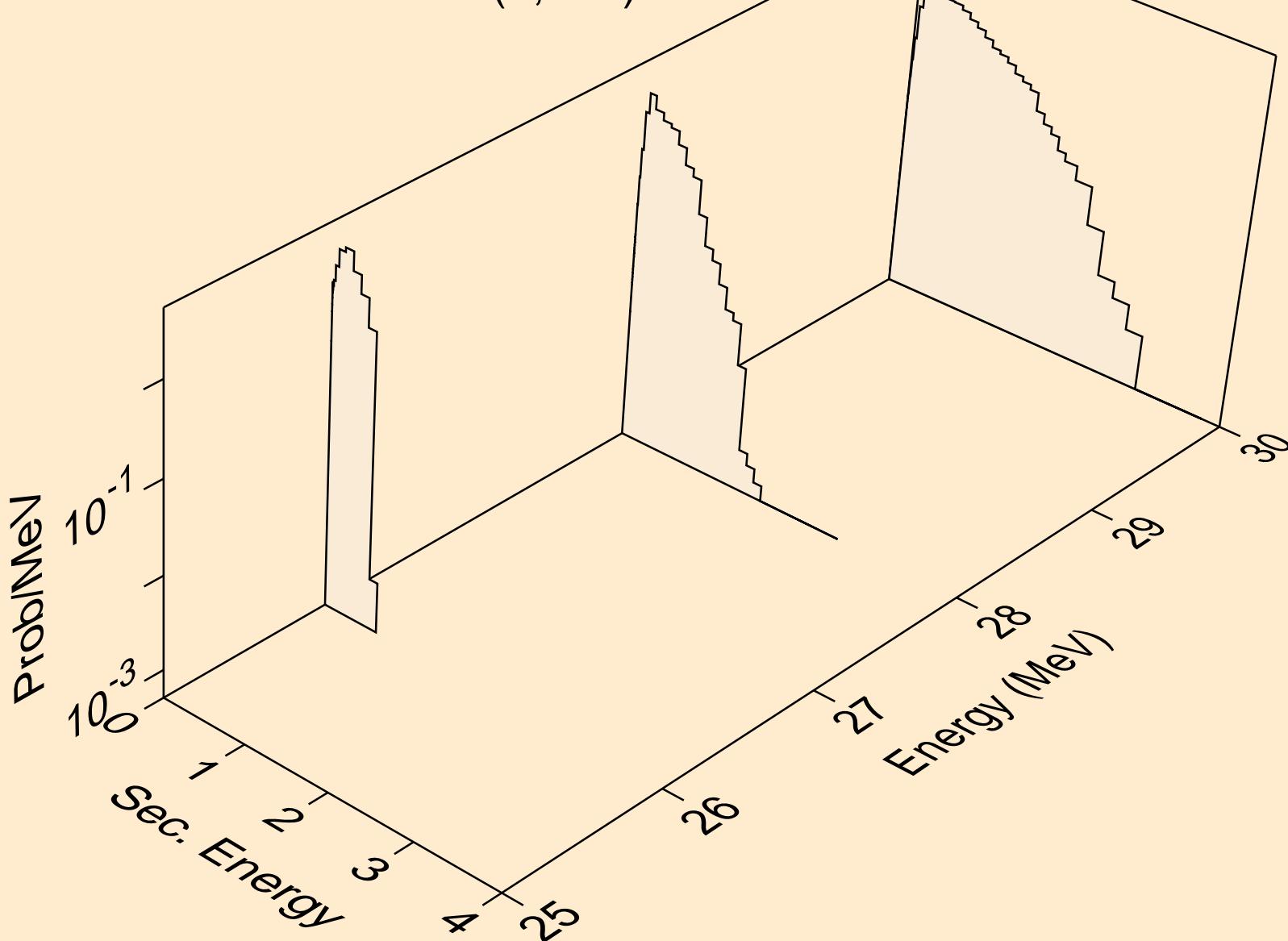


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Neutron emission for (n,x)



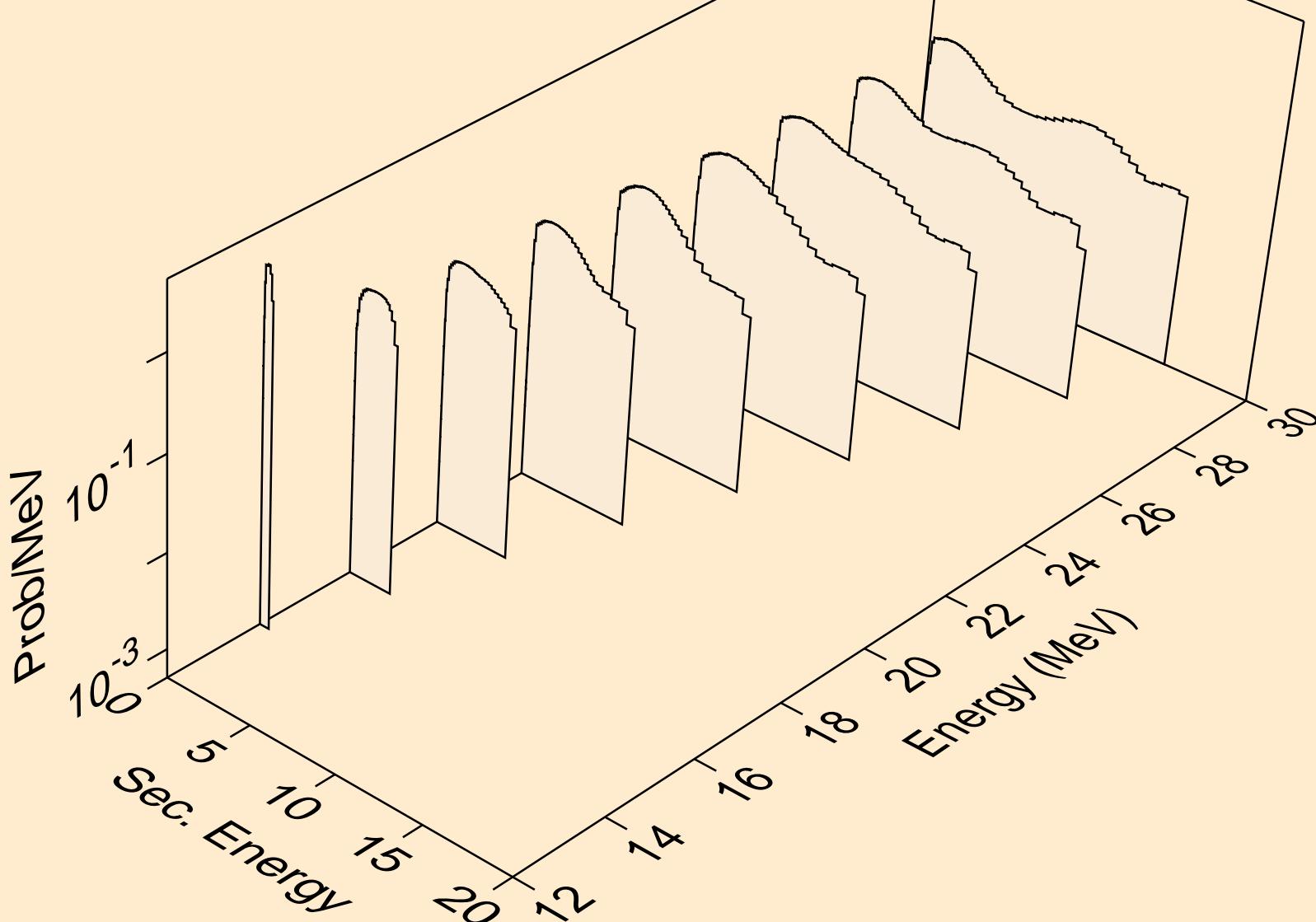
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,2nd)



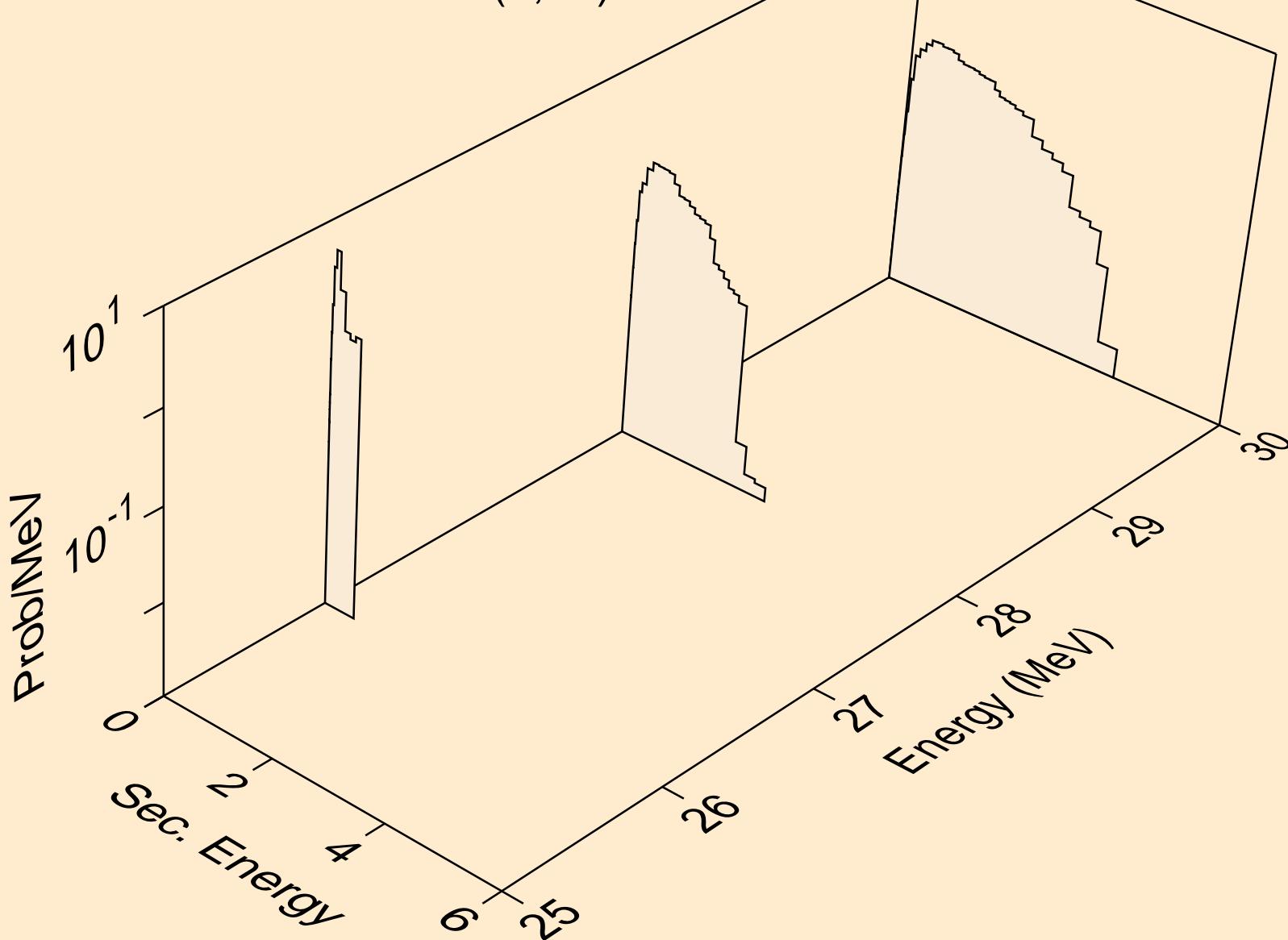
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,2n)



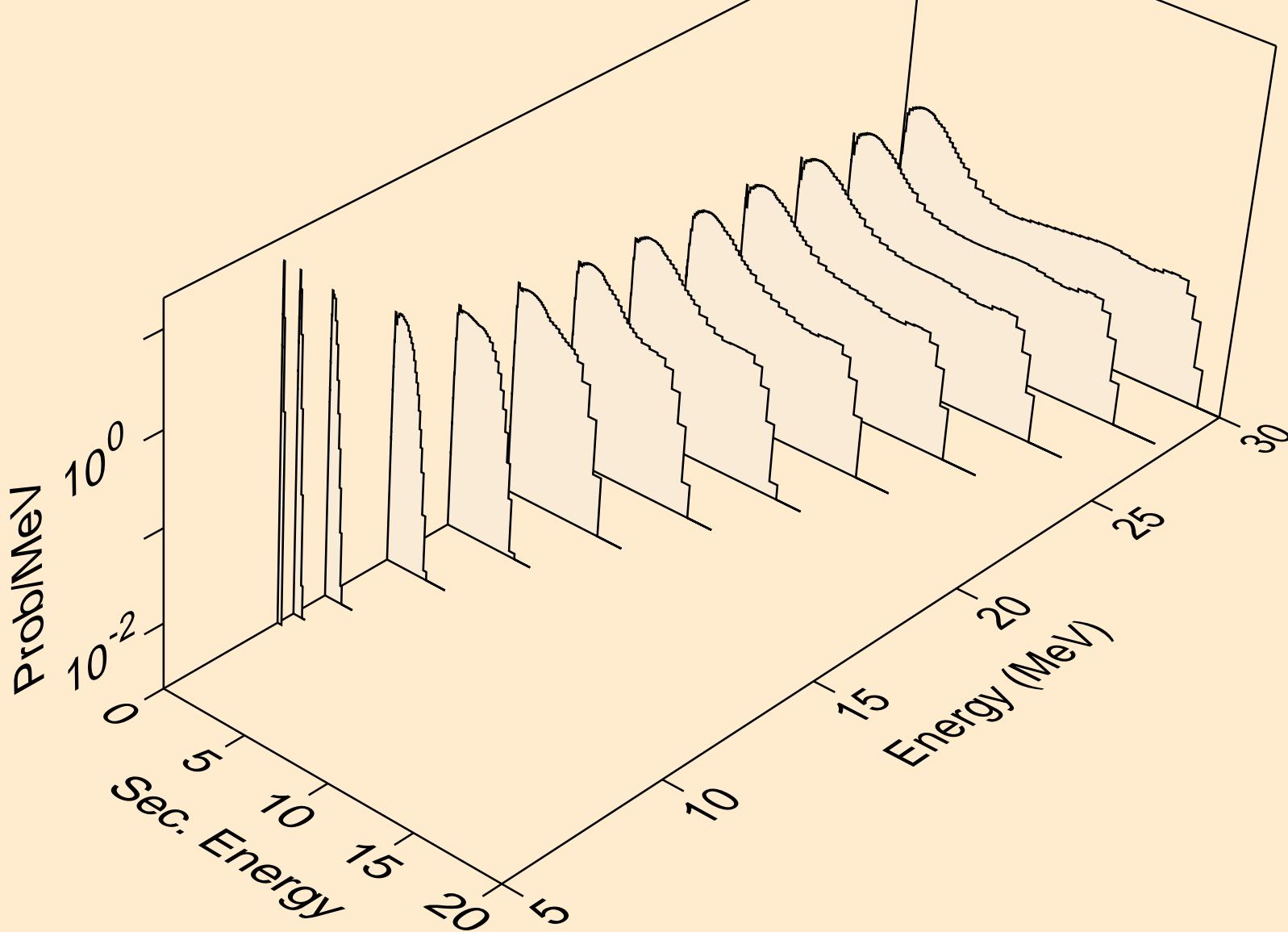
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,3n)



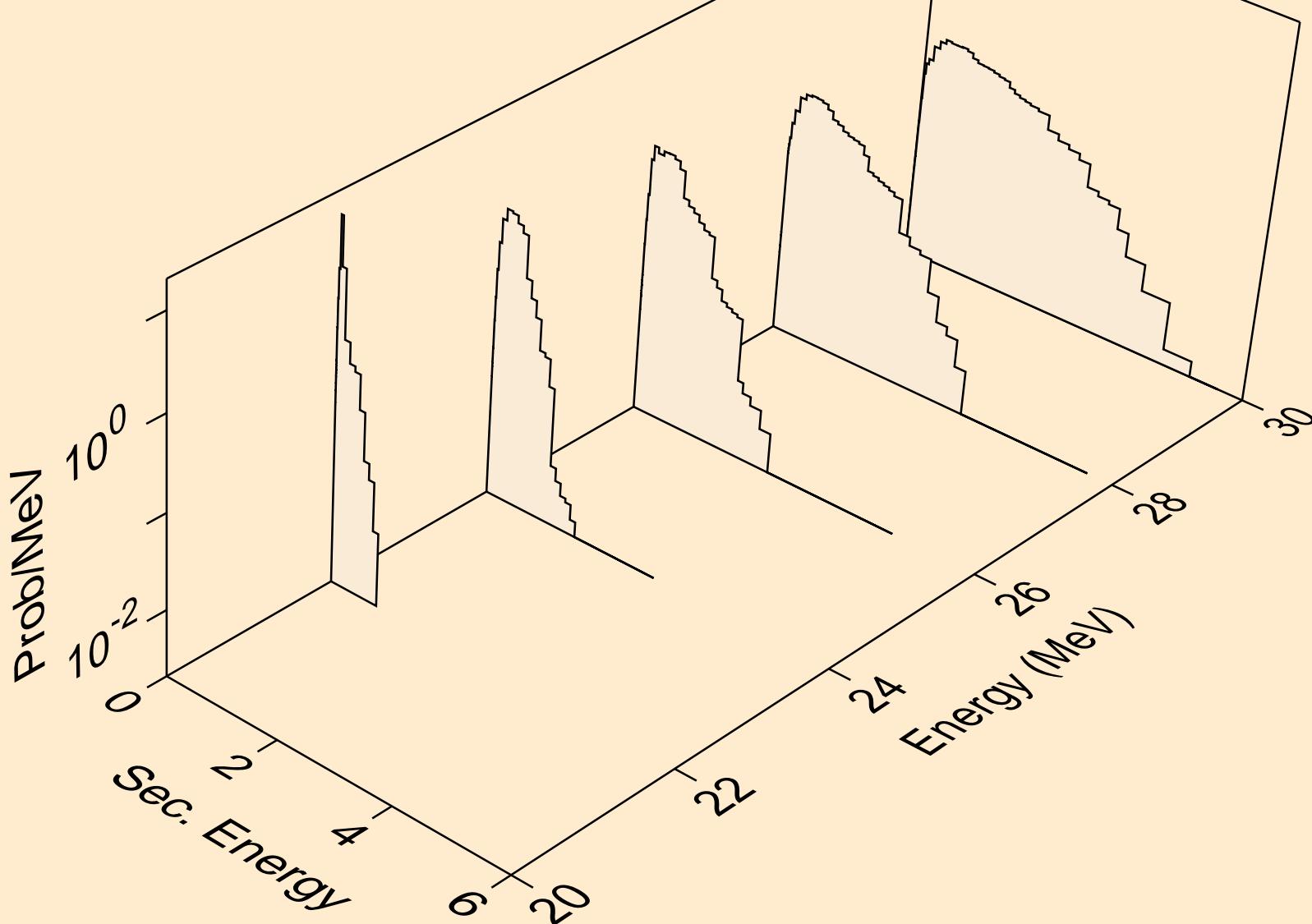
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,na)



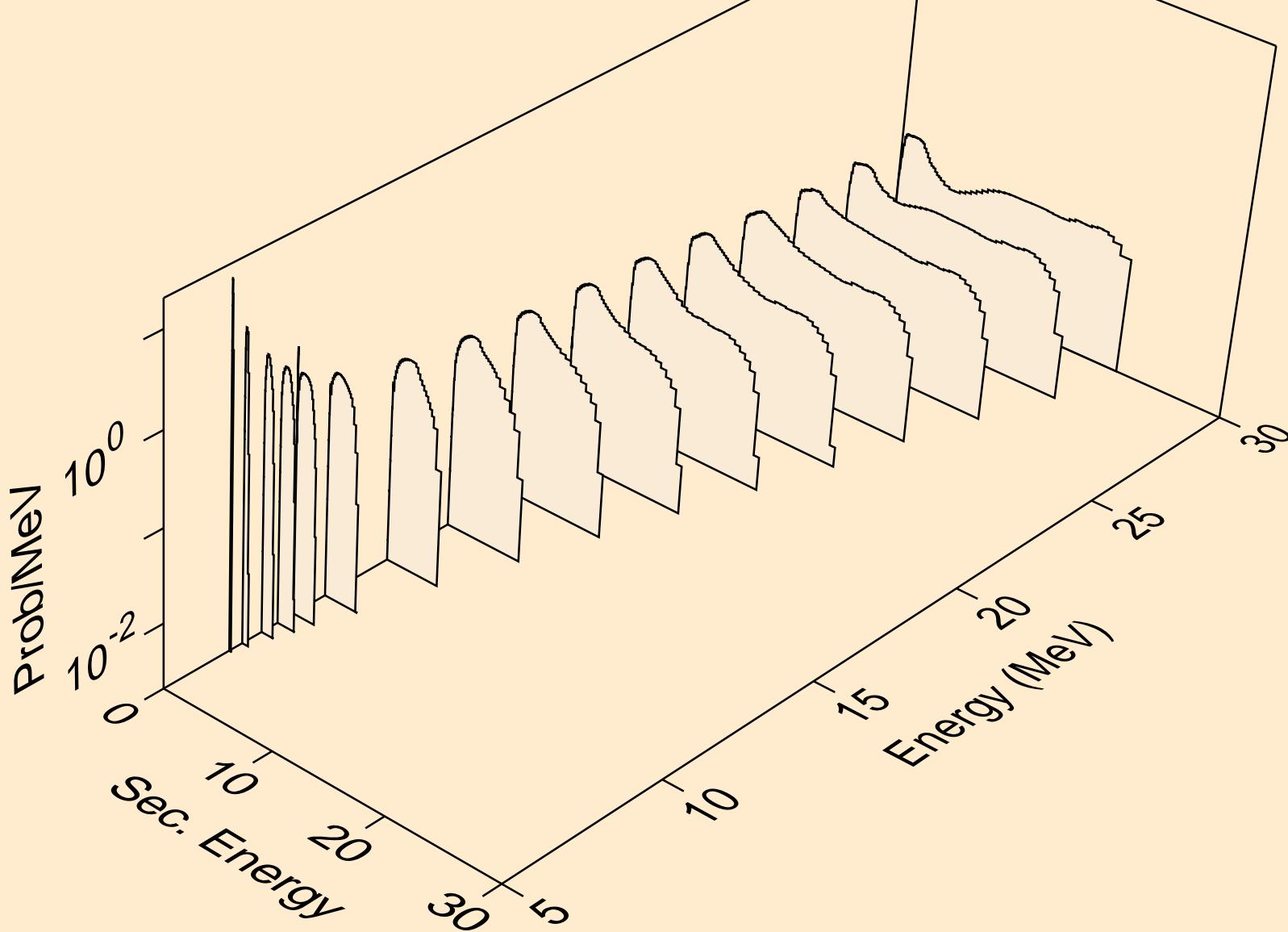
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,2na)



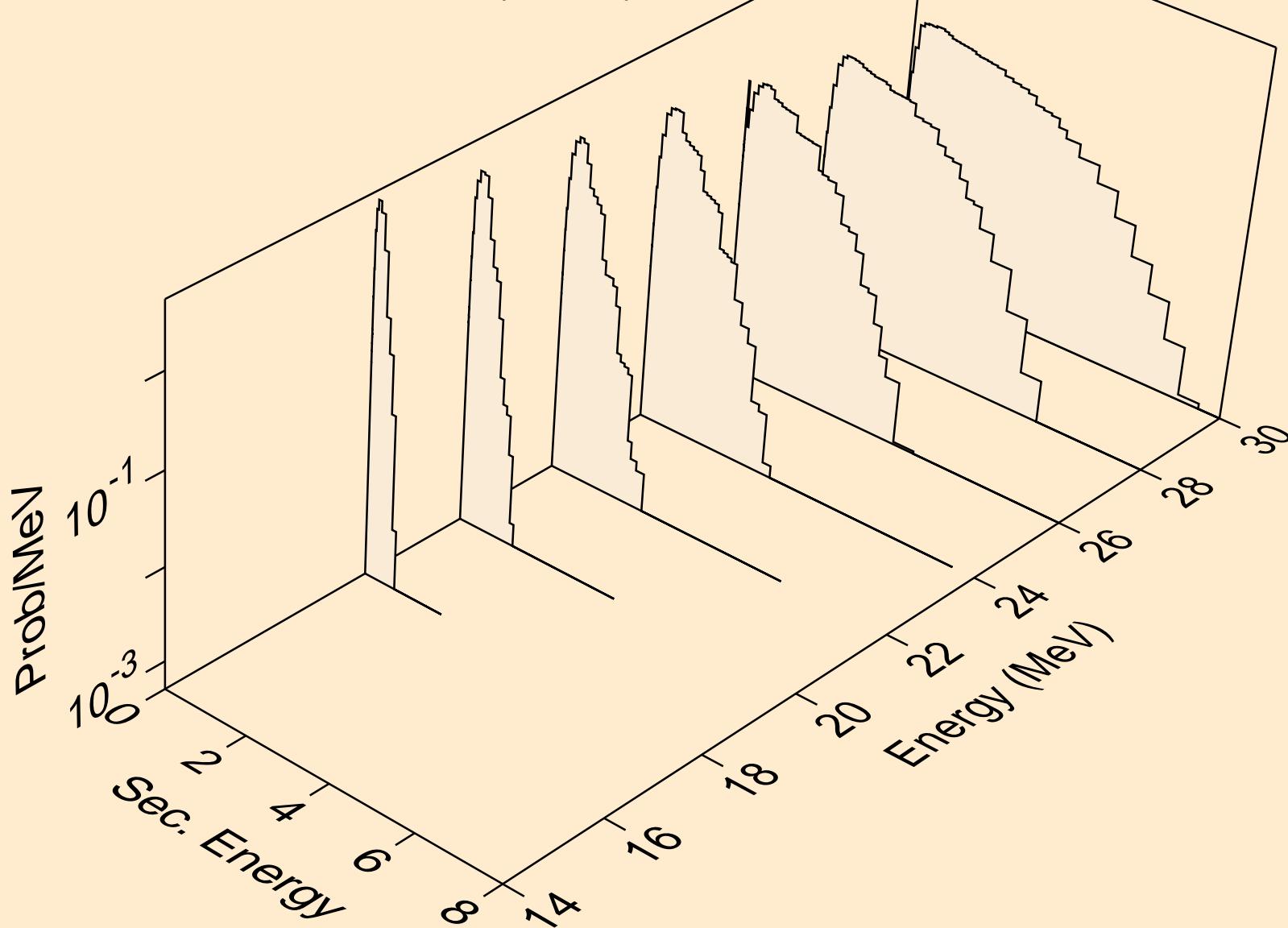
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,np)



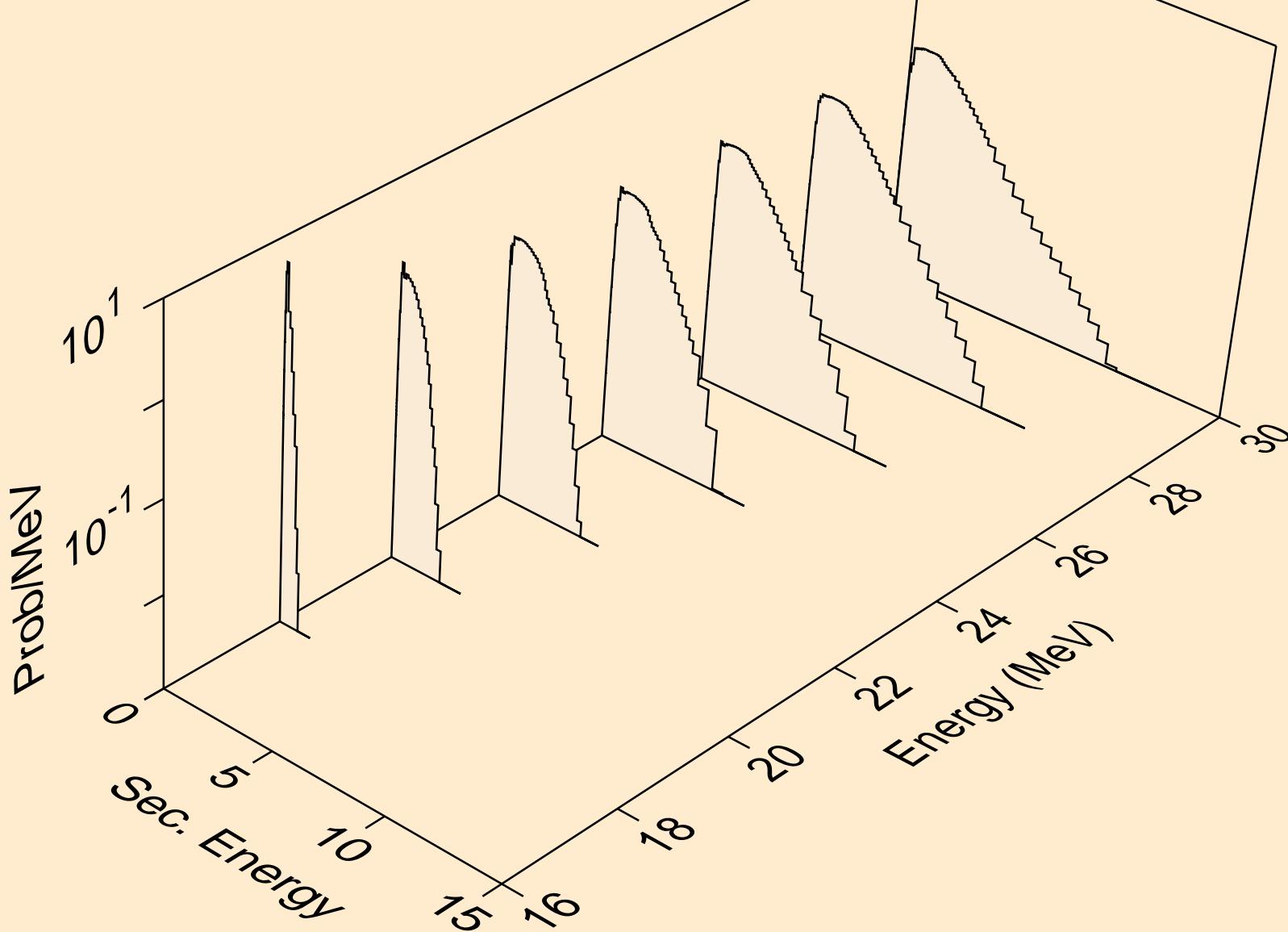
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,n2a)



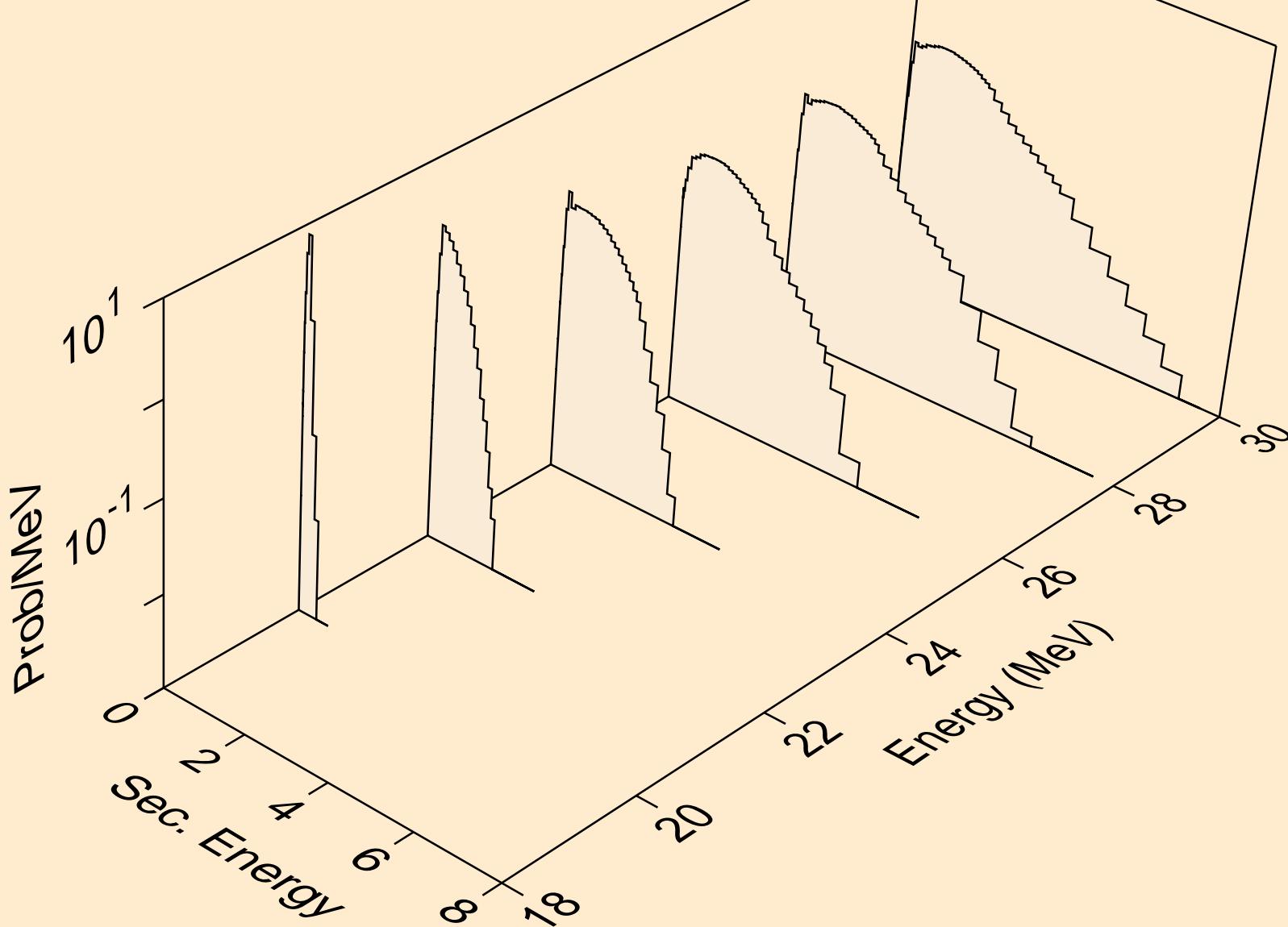
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,nd)



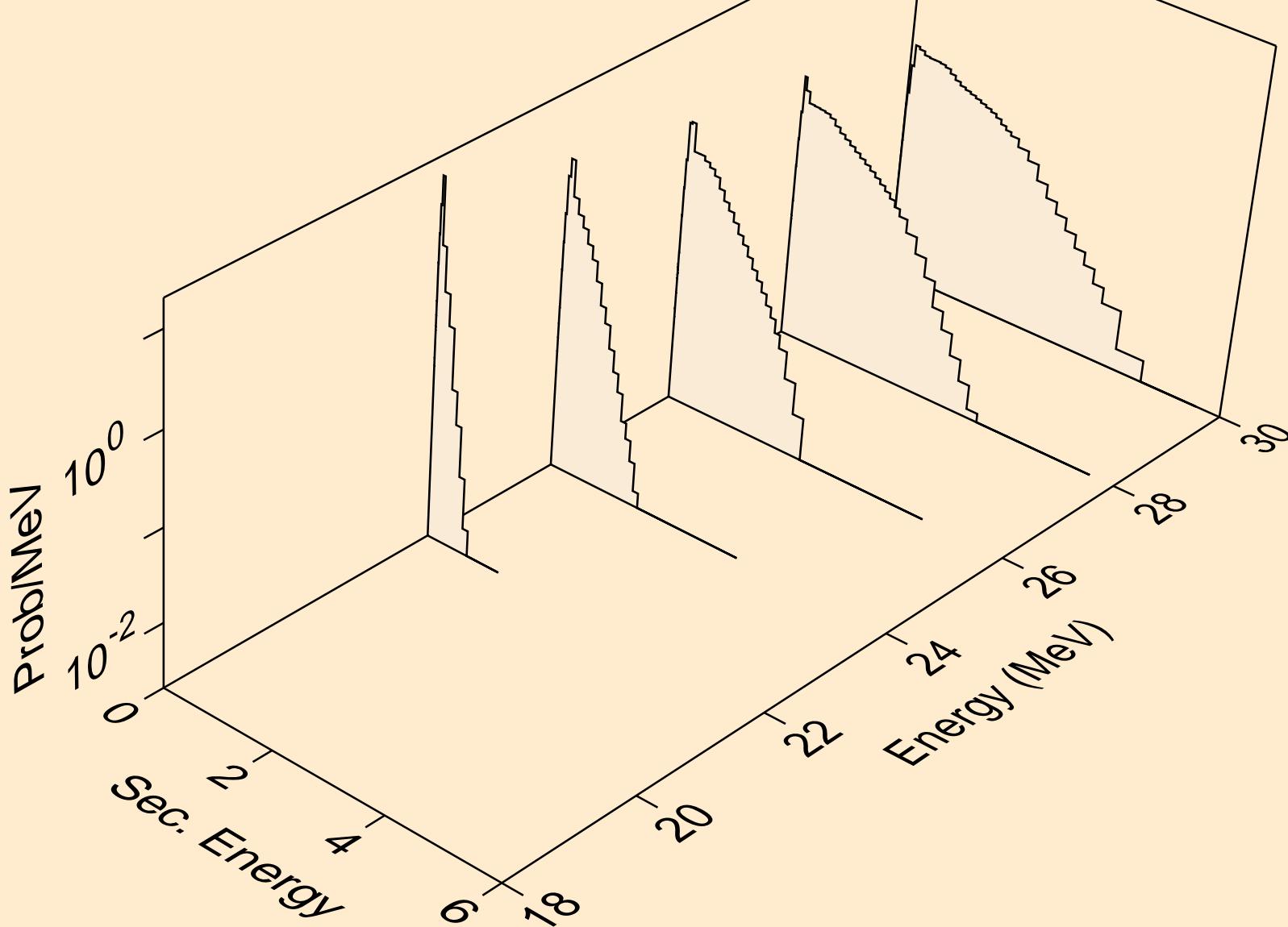
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,nt)



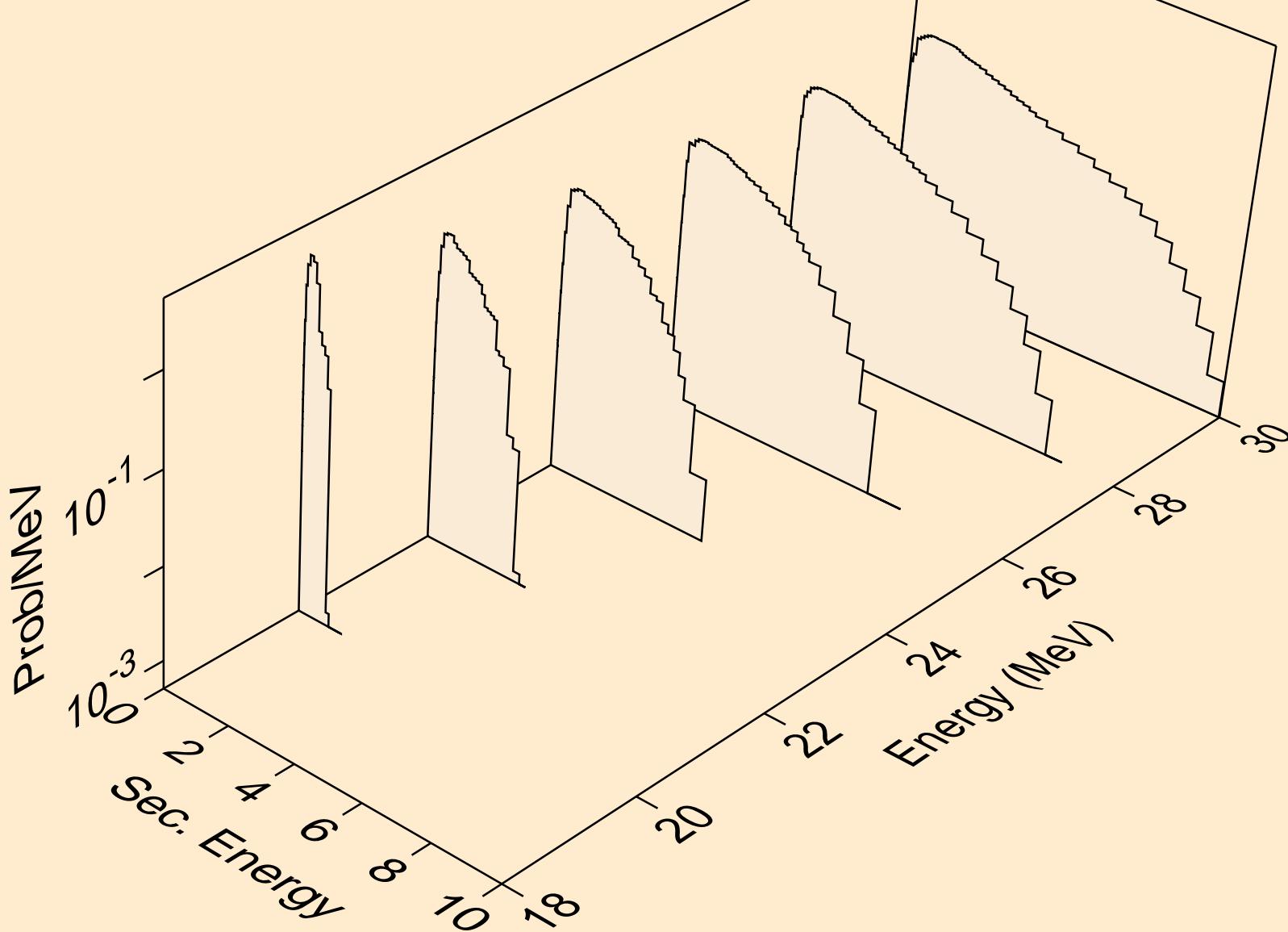
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,nhe3)



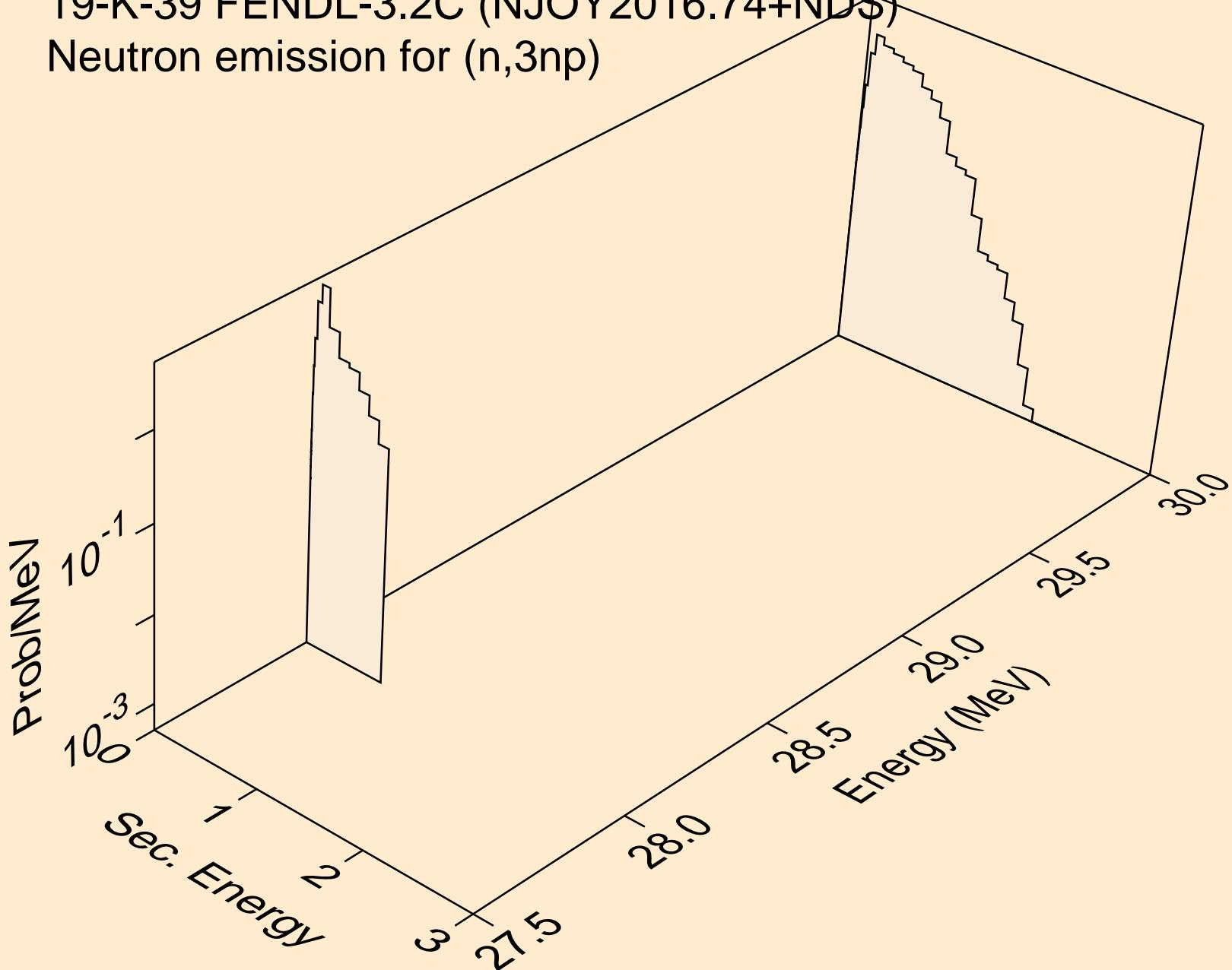
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,2np)



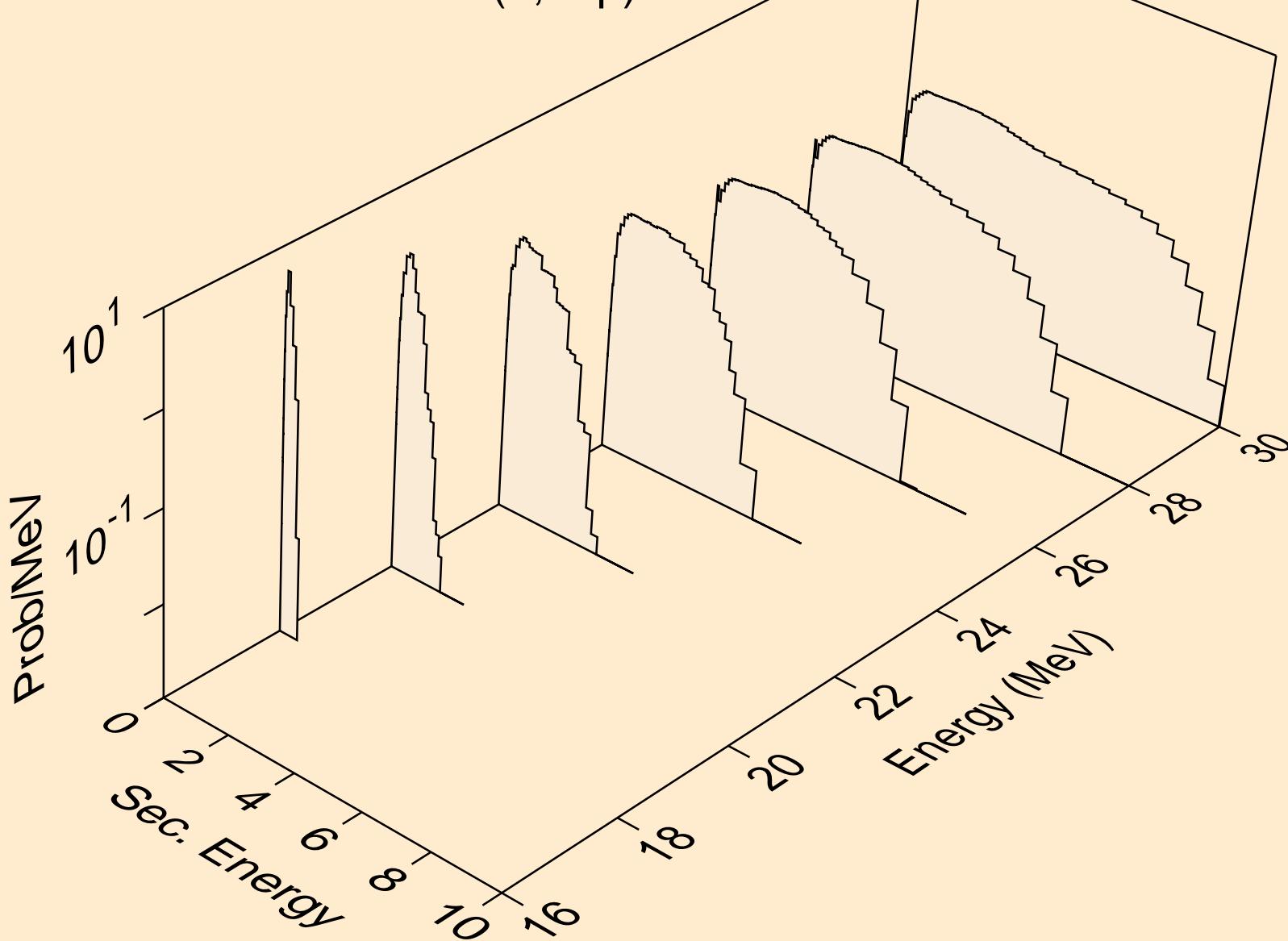
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Neutron emission for (n,3np)



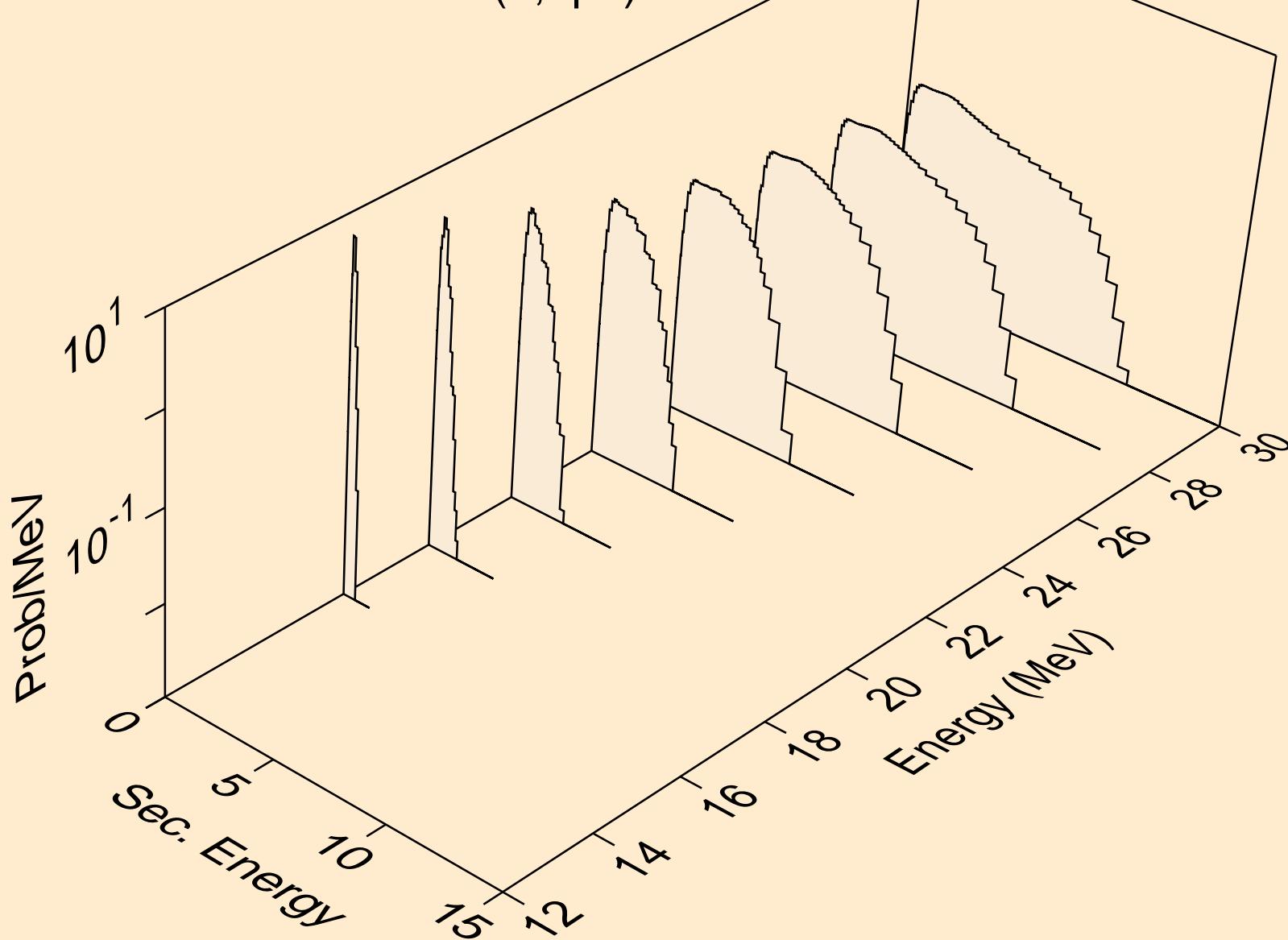
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,n2p)



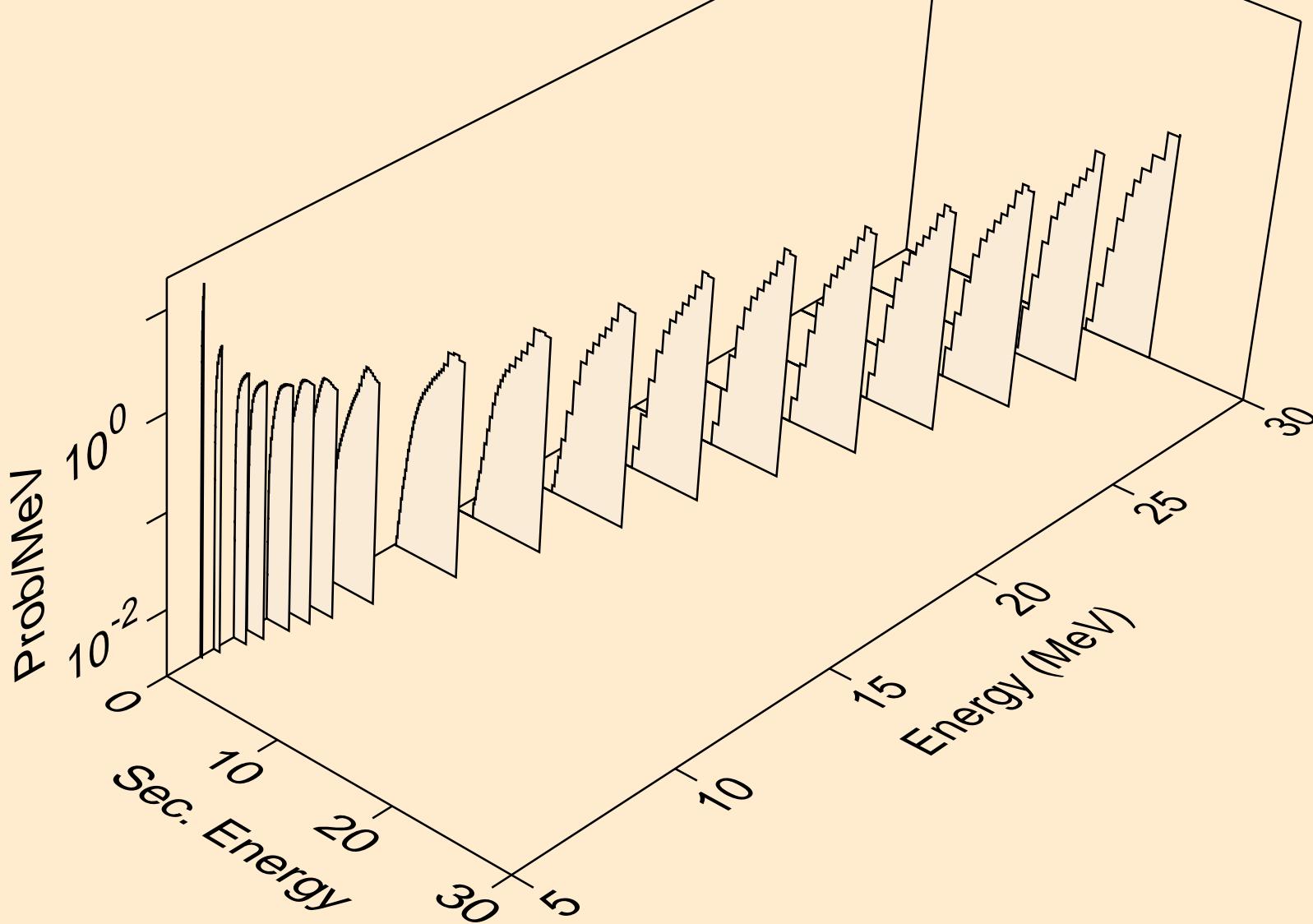
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,npa)



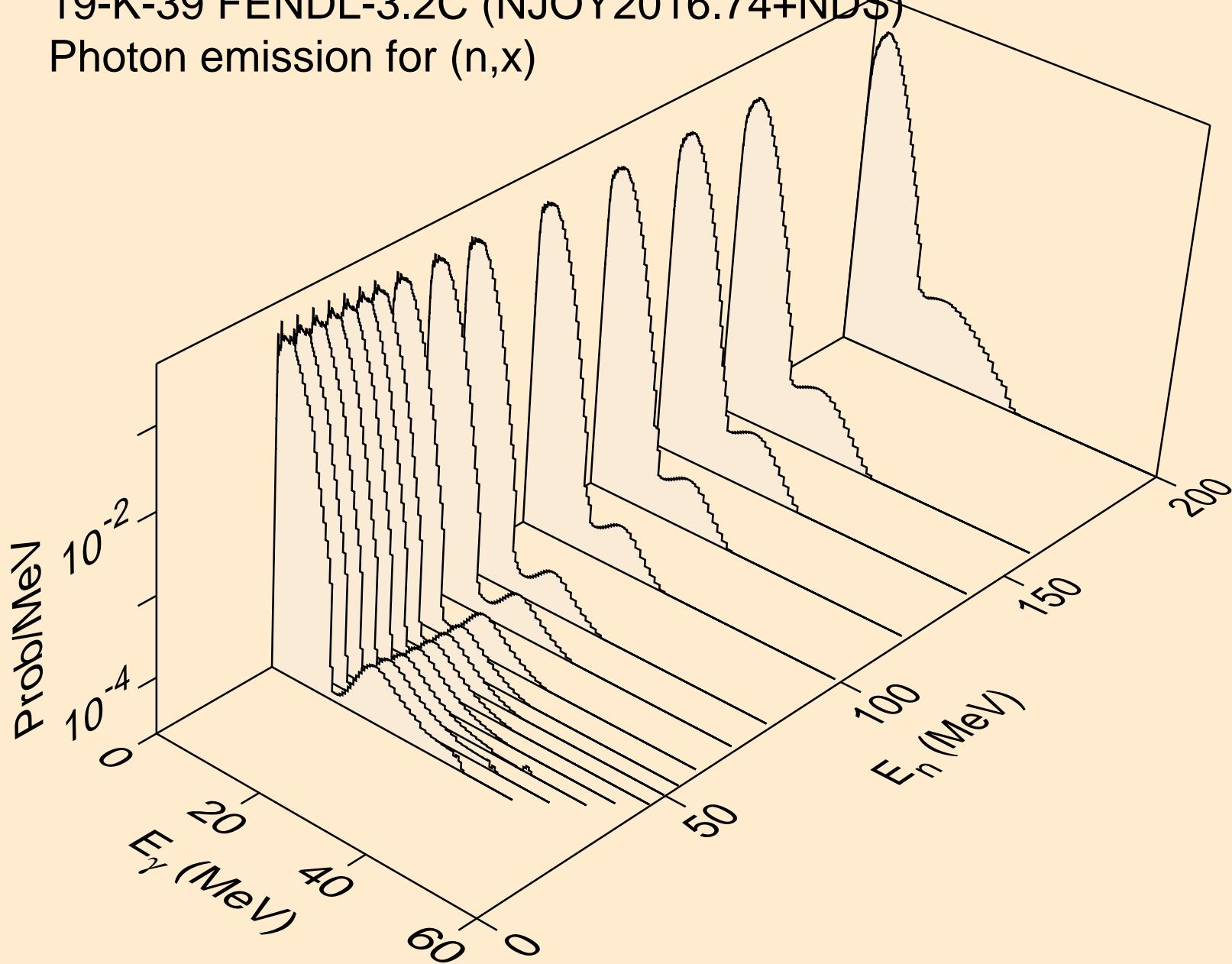
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Neutron emission for (n,n^*c)



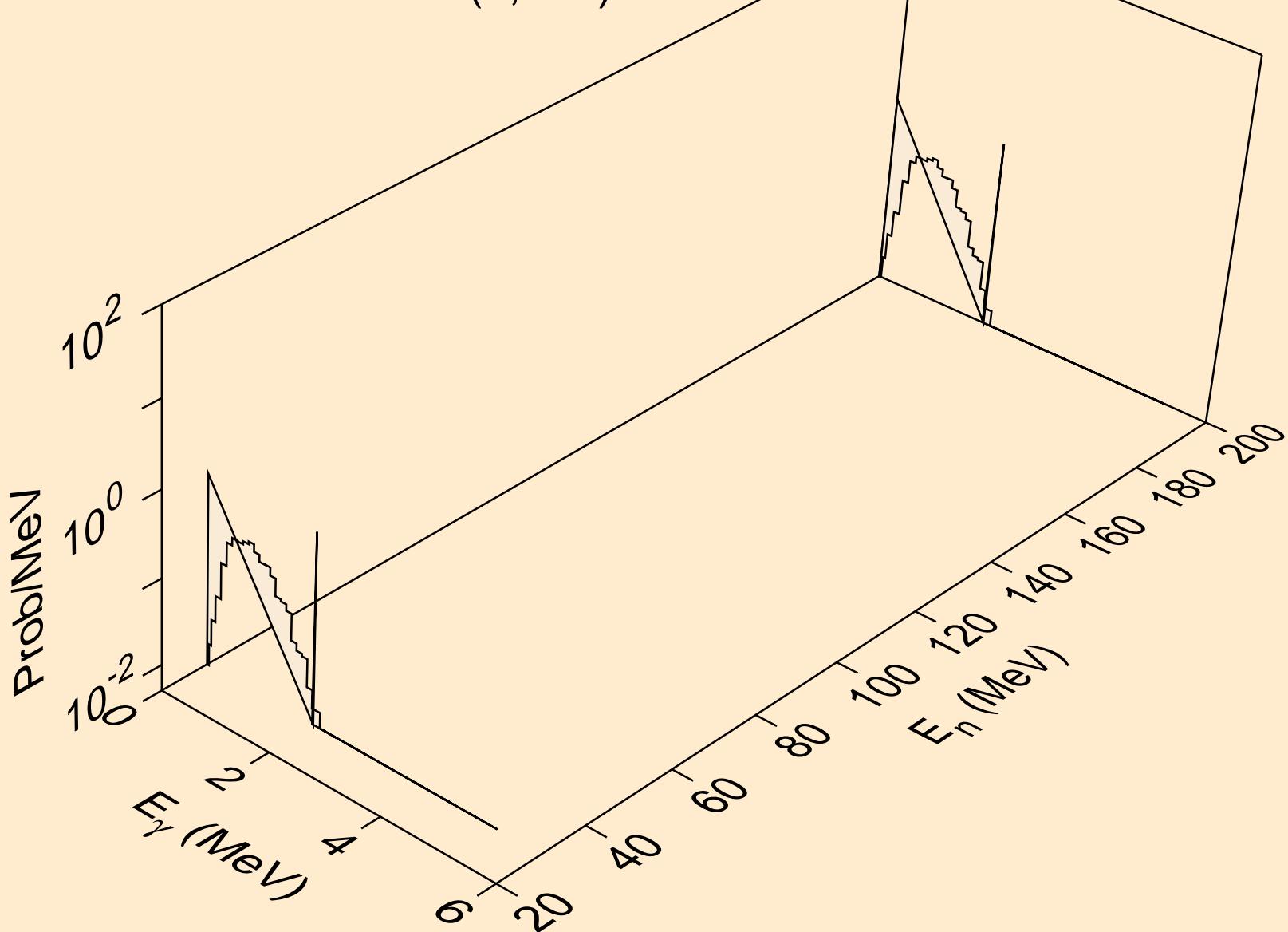
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,x)



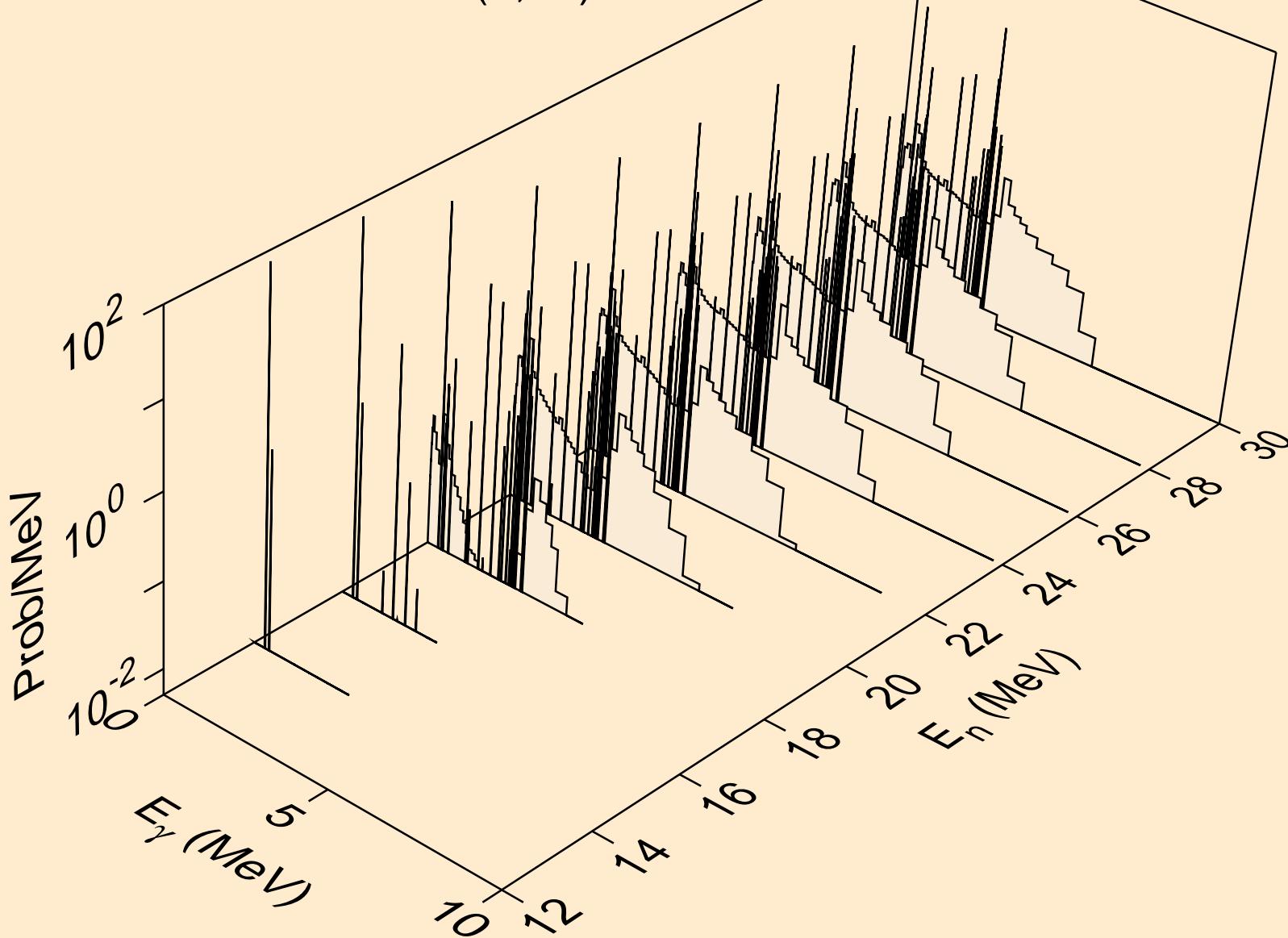
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,2nd)



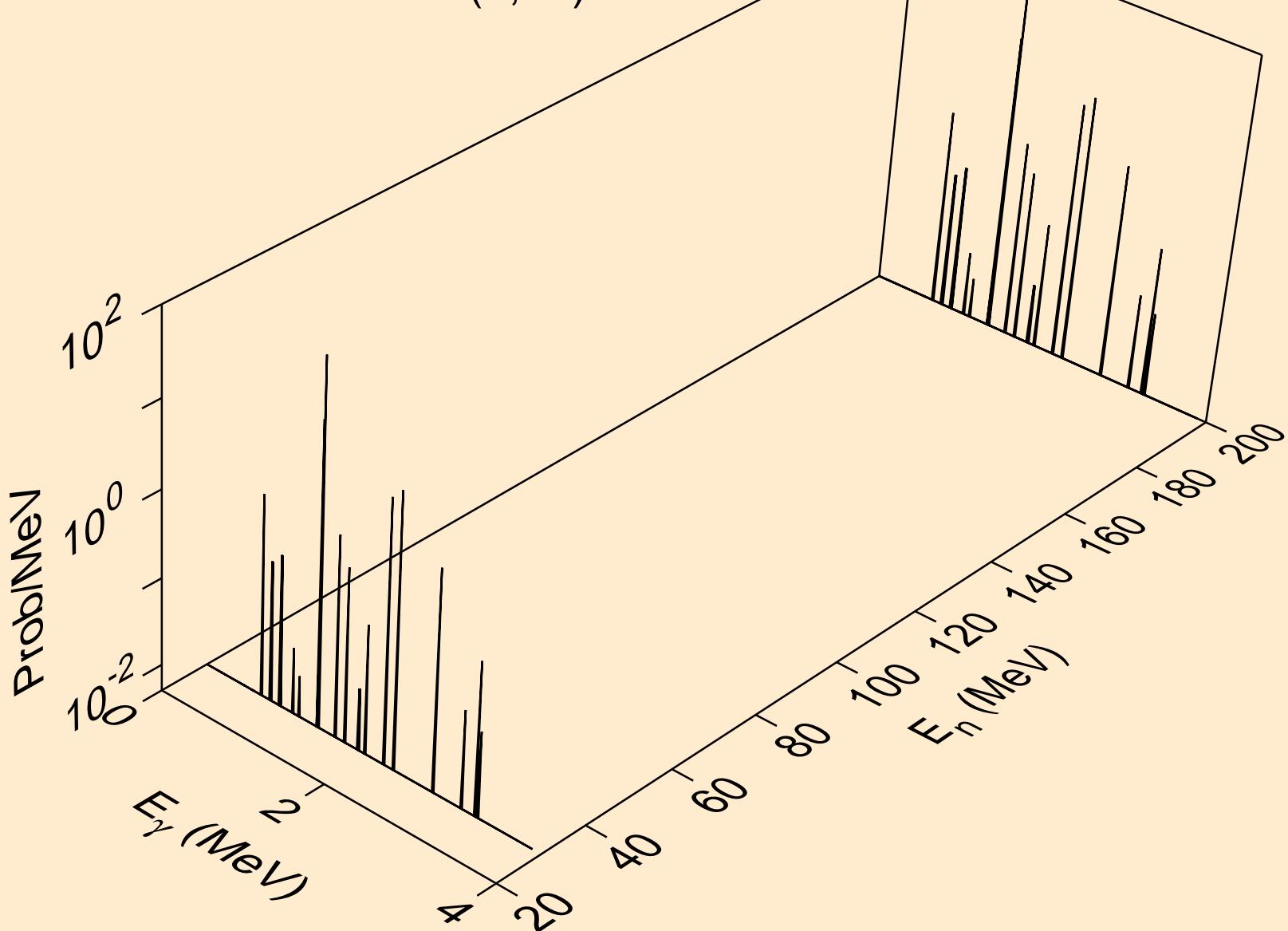
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Photon emission for (n,2n)



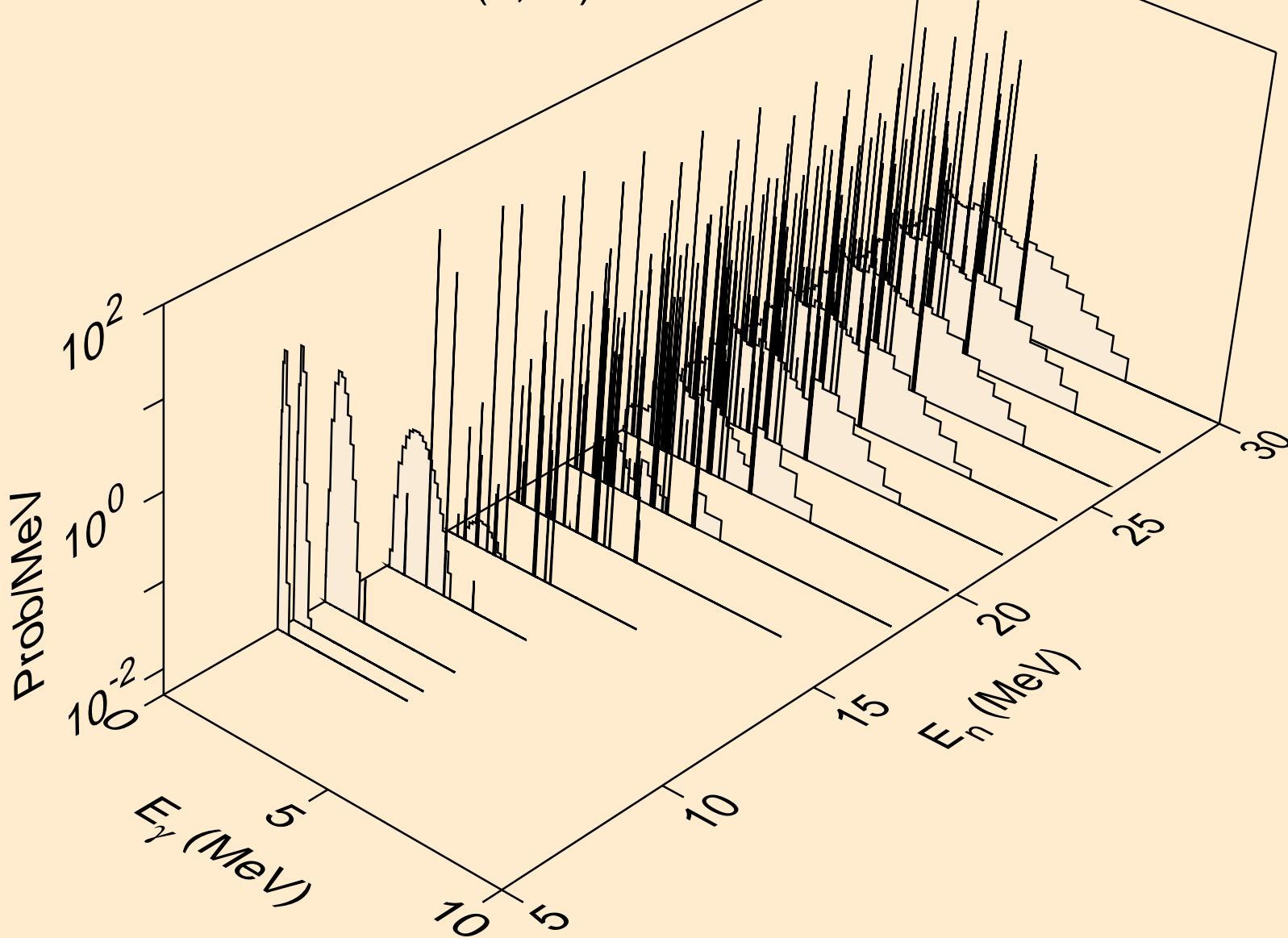
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,3n)



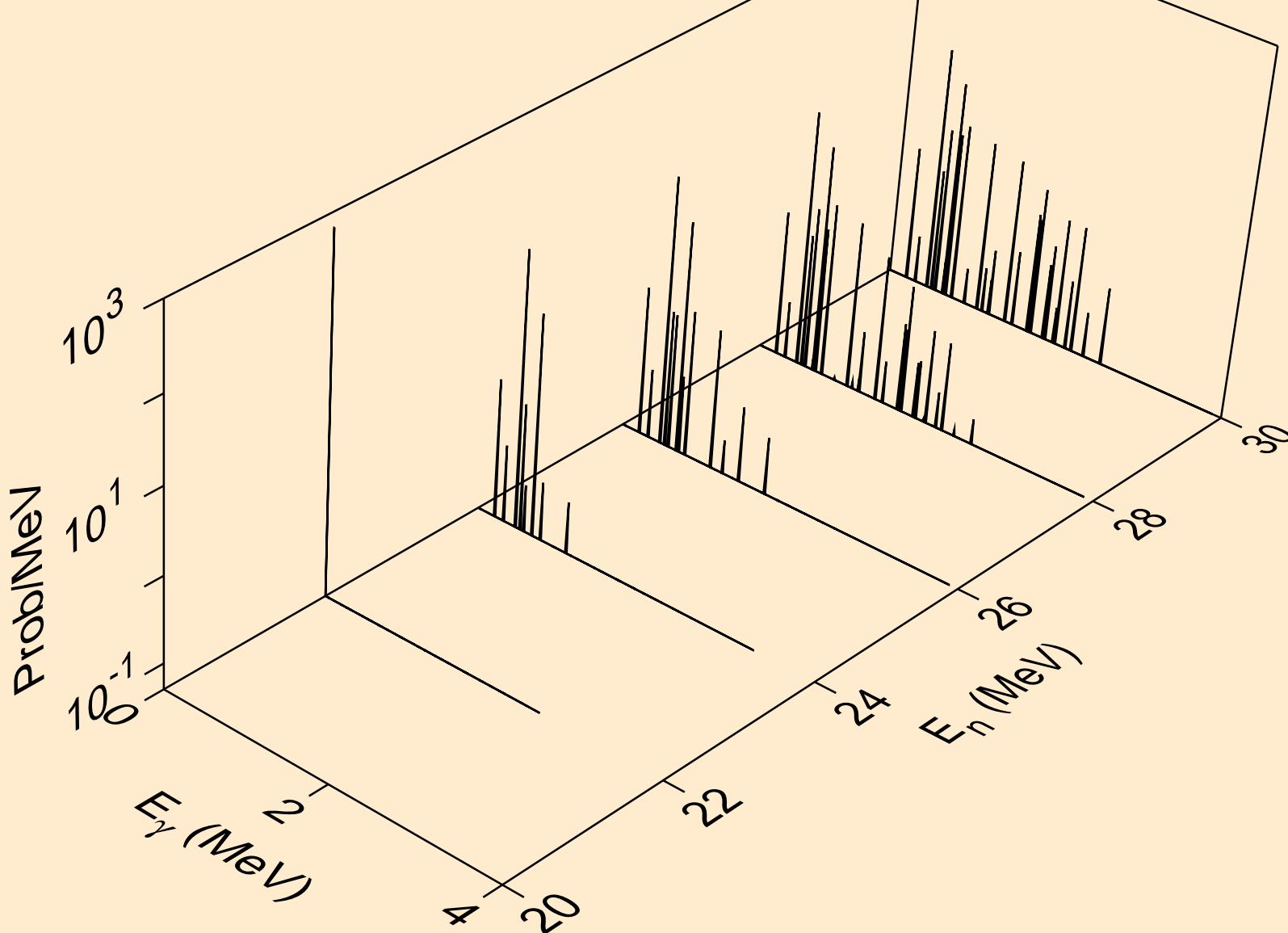
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,na)



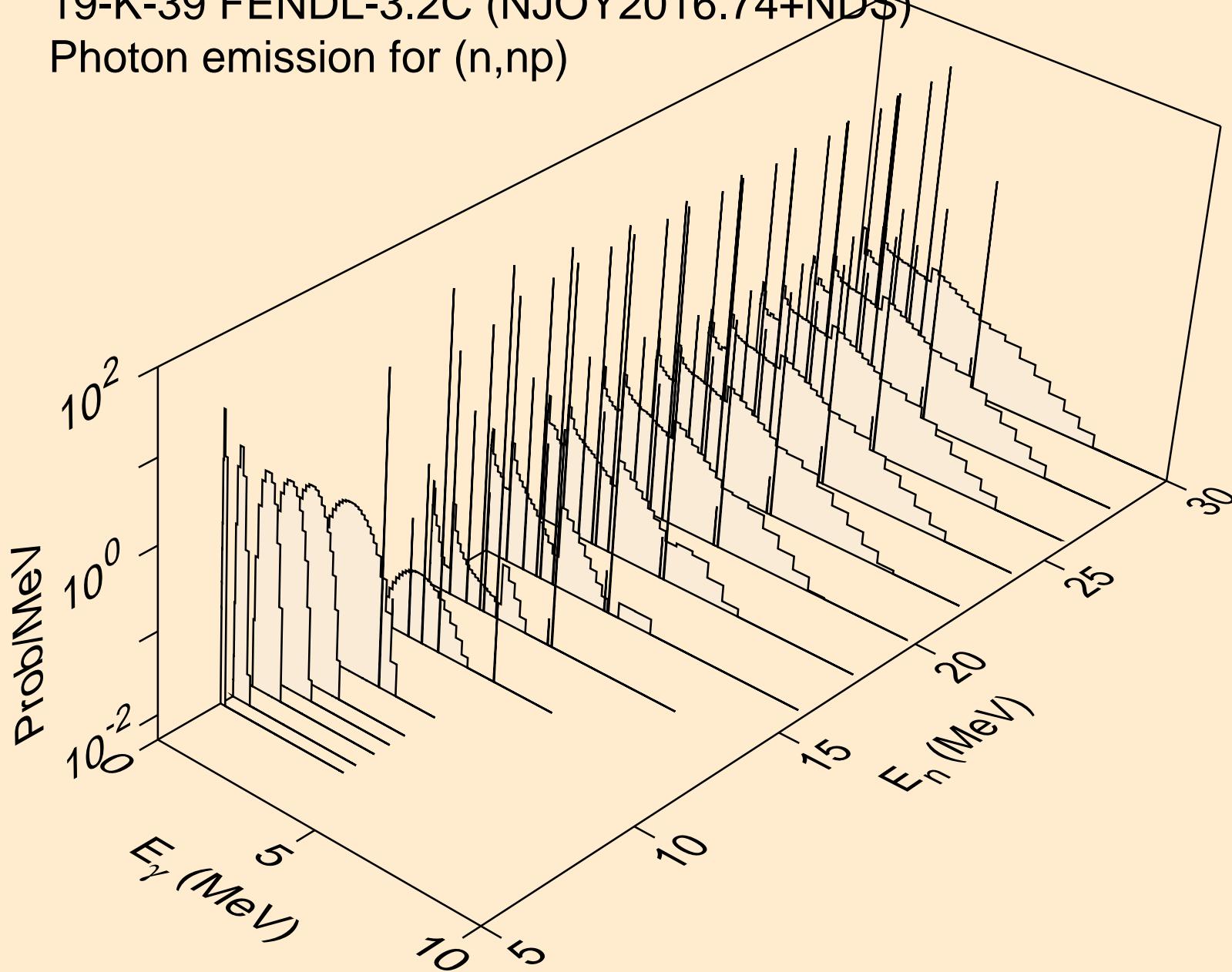
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Photon emission for (n,2na)



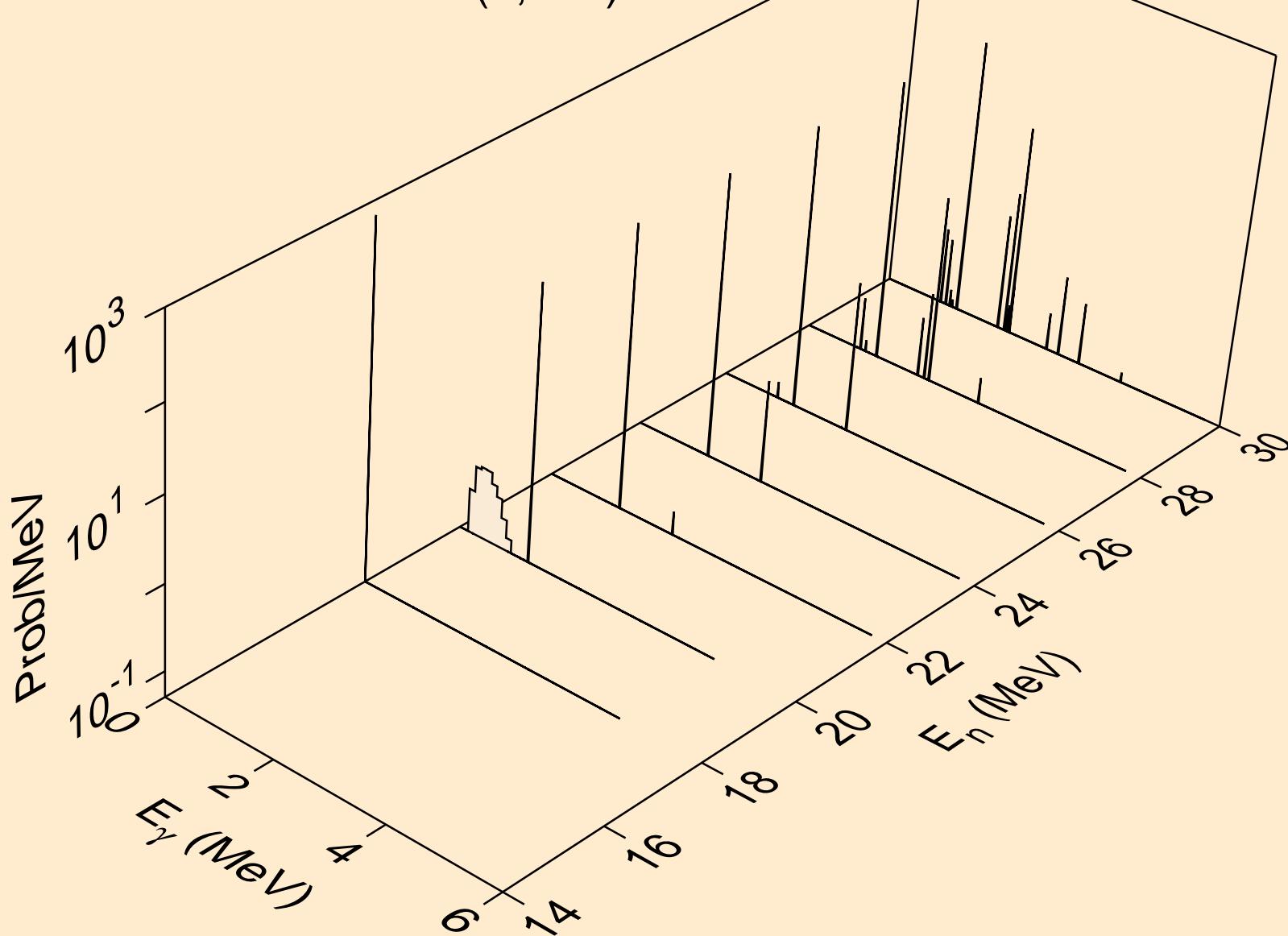
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Photon emission for (n,np)



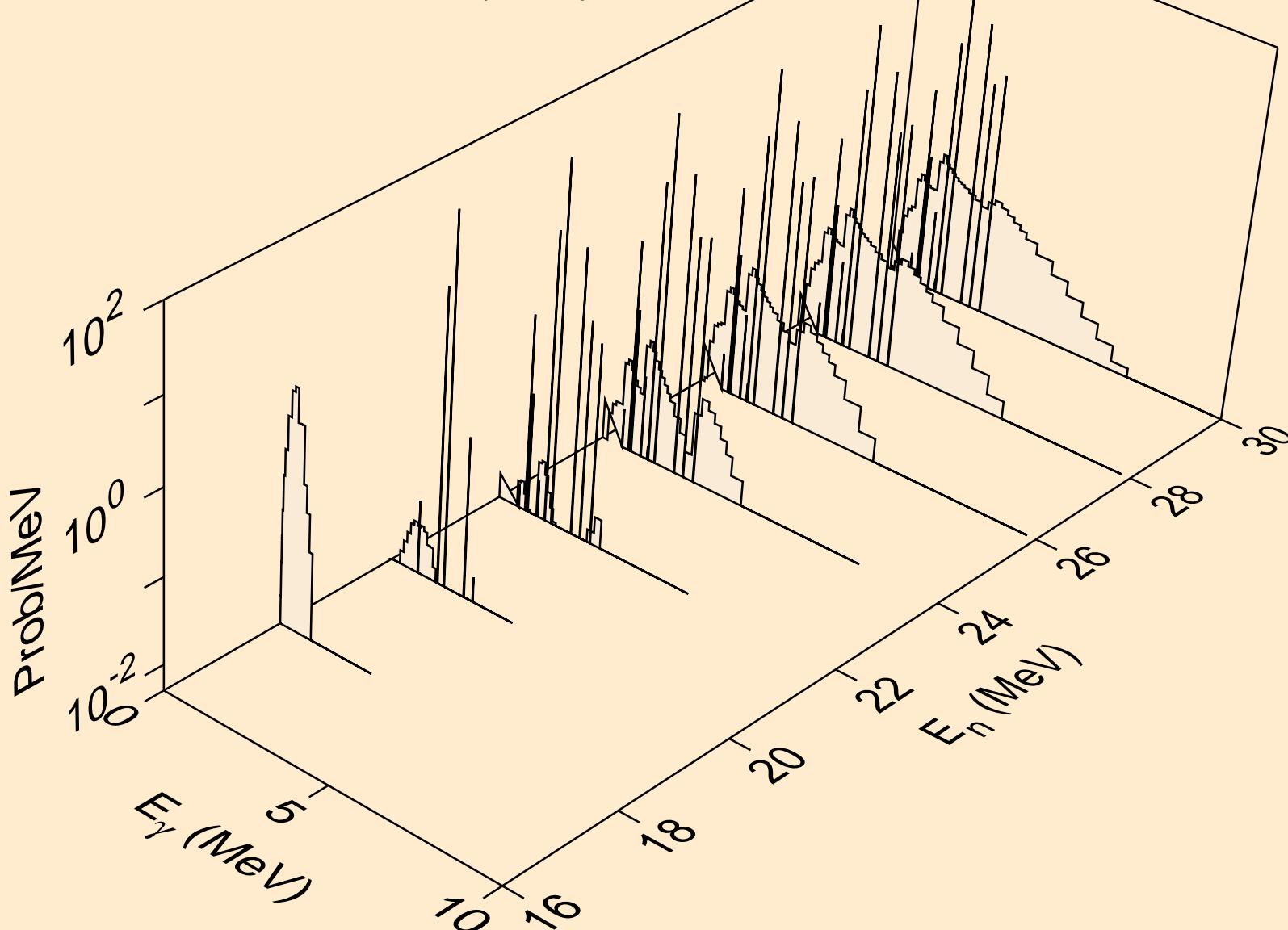
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n2a)



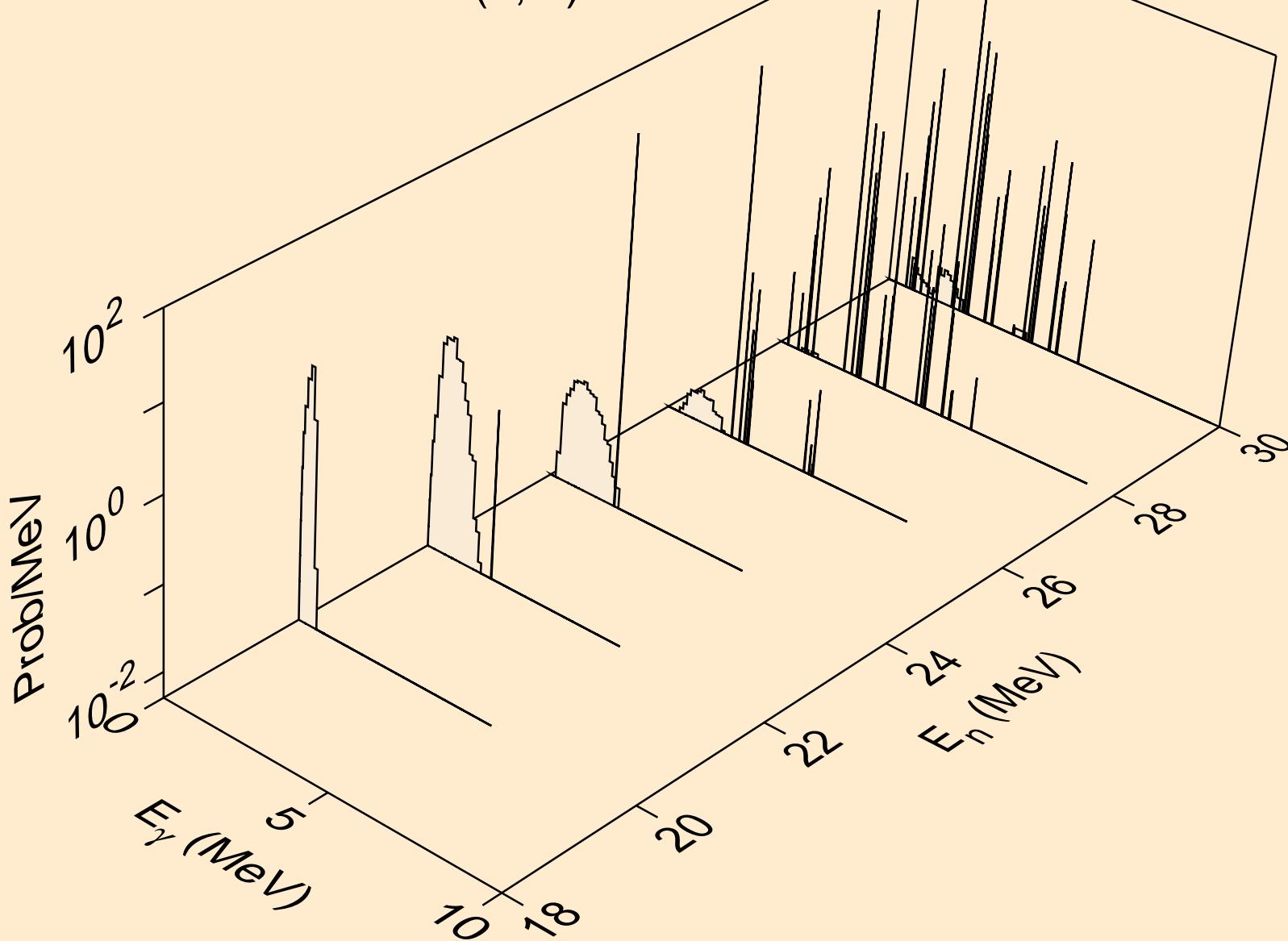
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,nd)



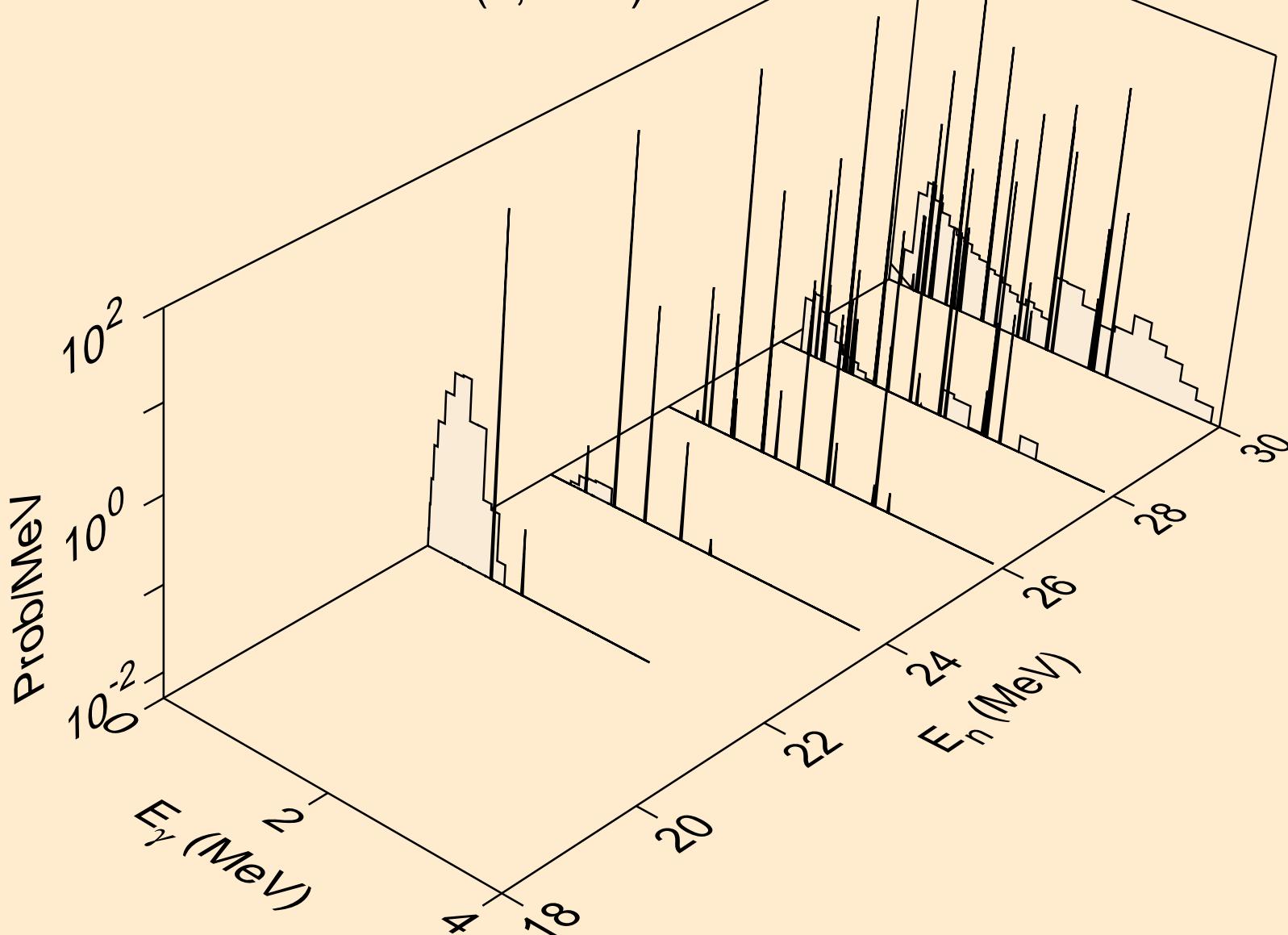
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,nt)



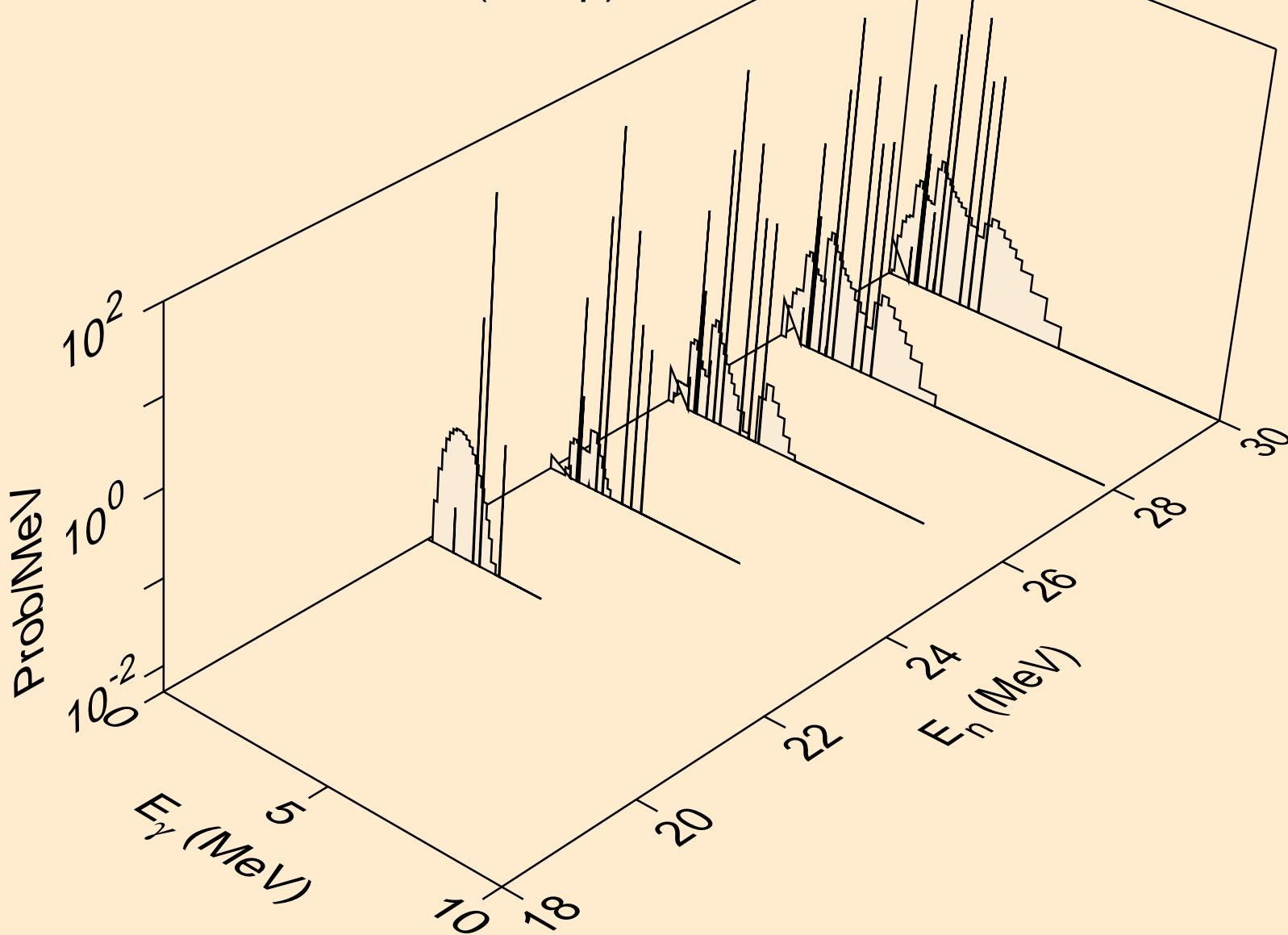
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,nhe3)



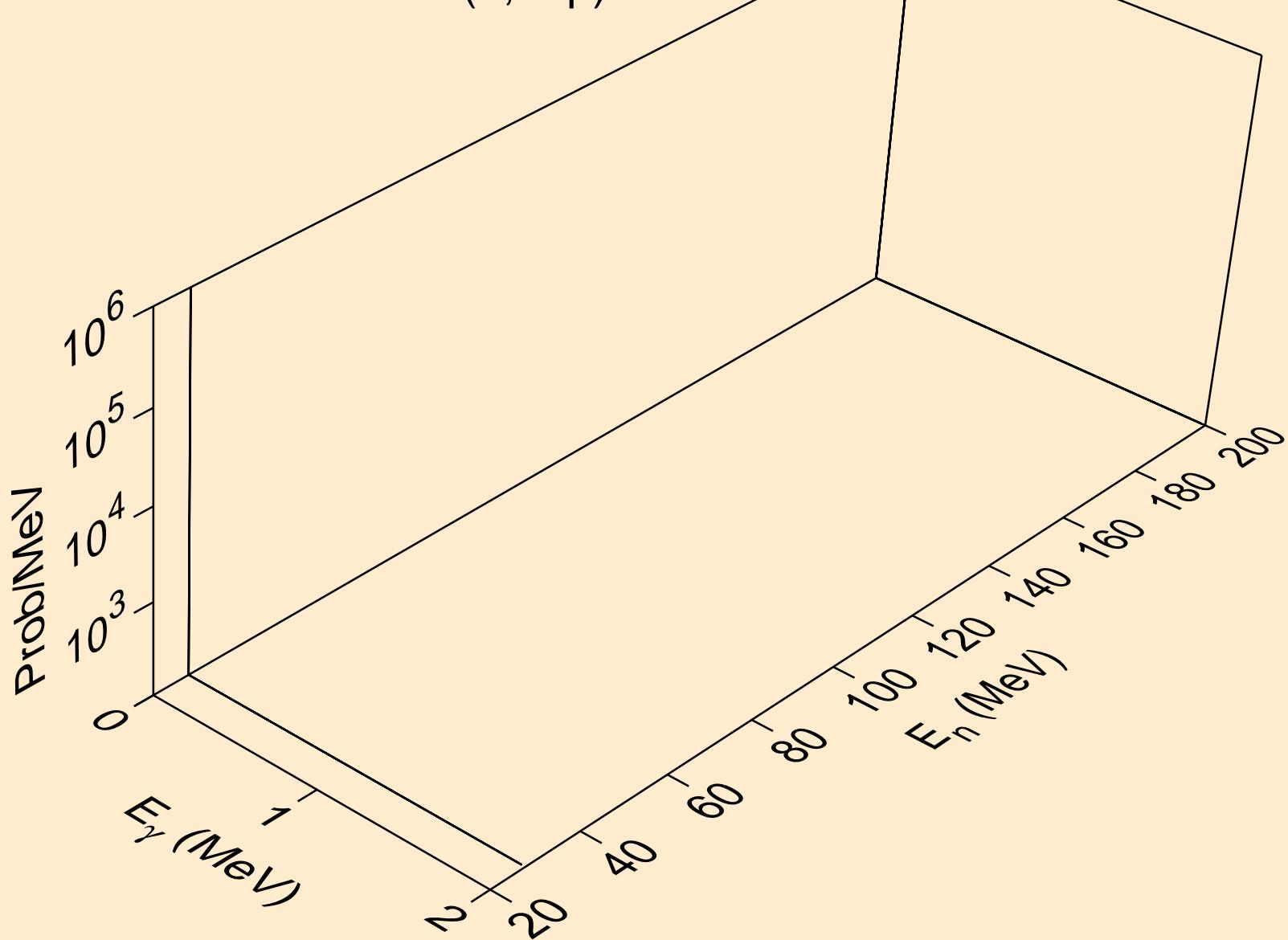
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Photon emission for (n,2np)



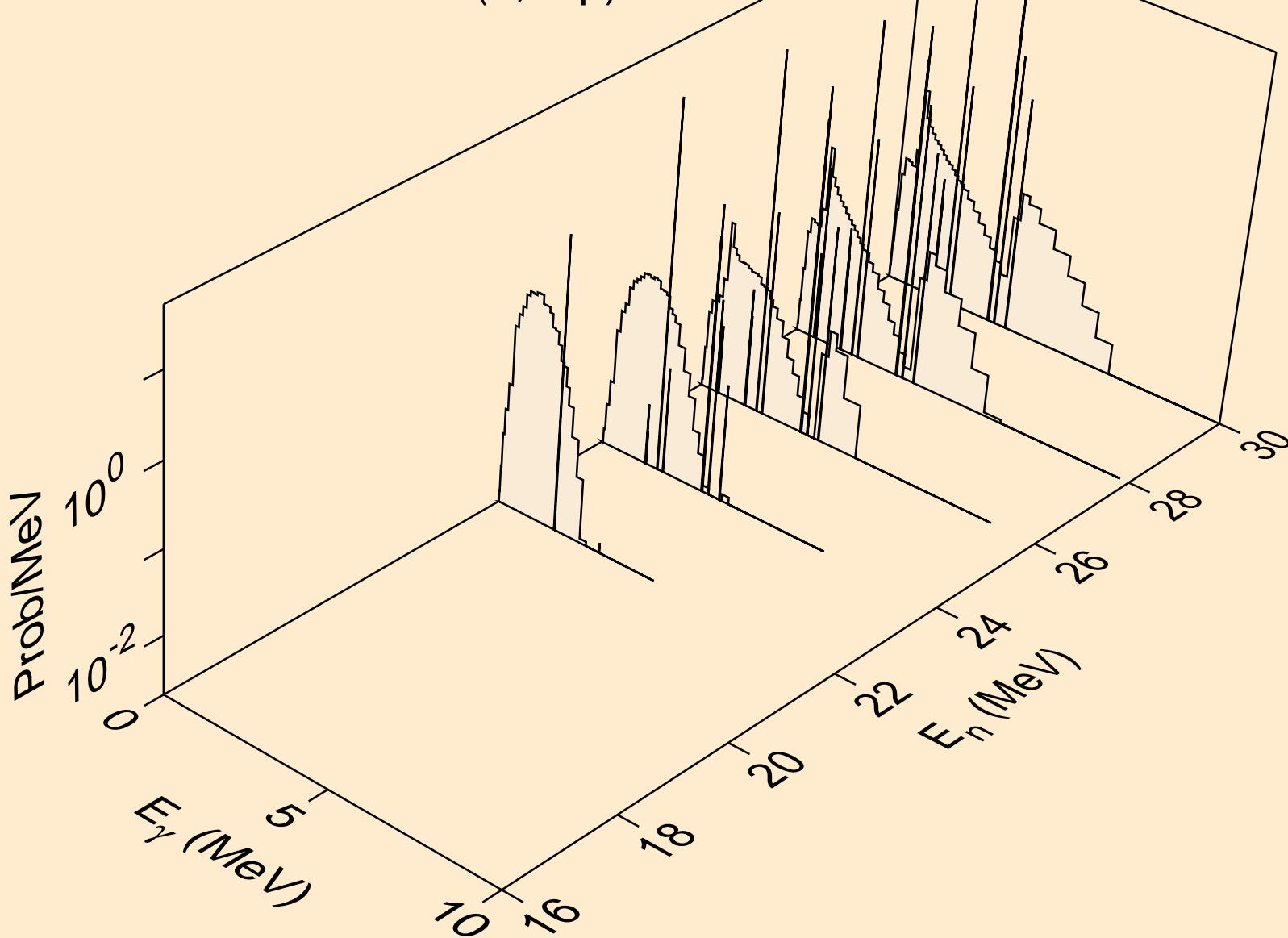
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Photon emission for (n,3np)



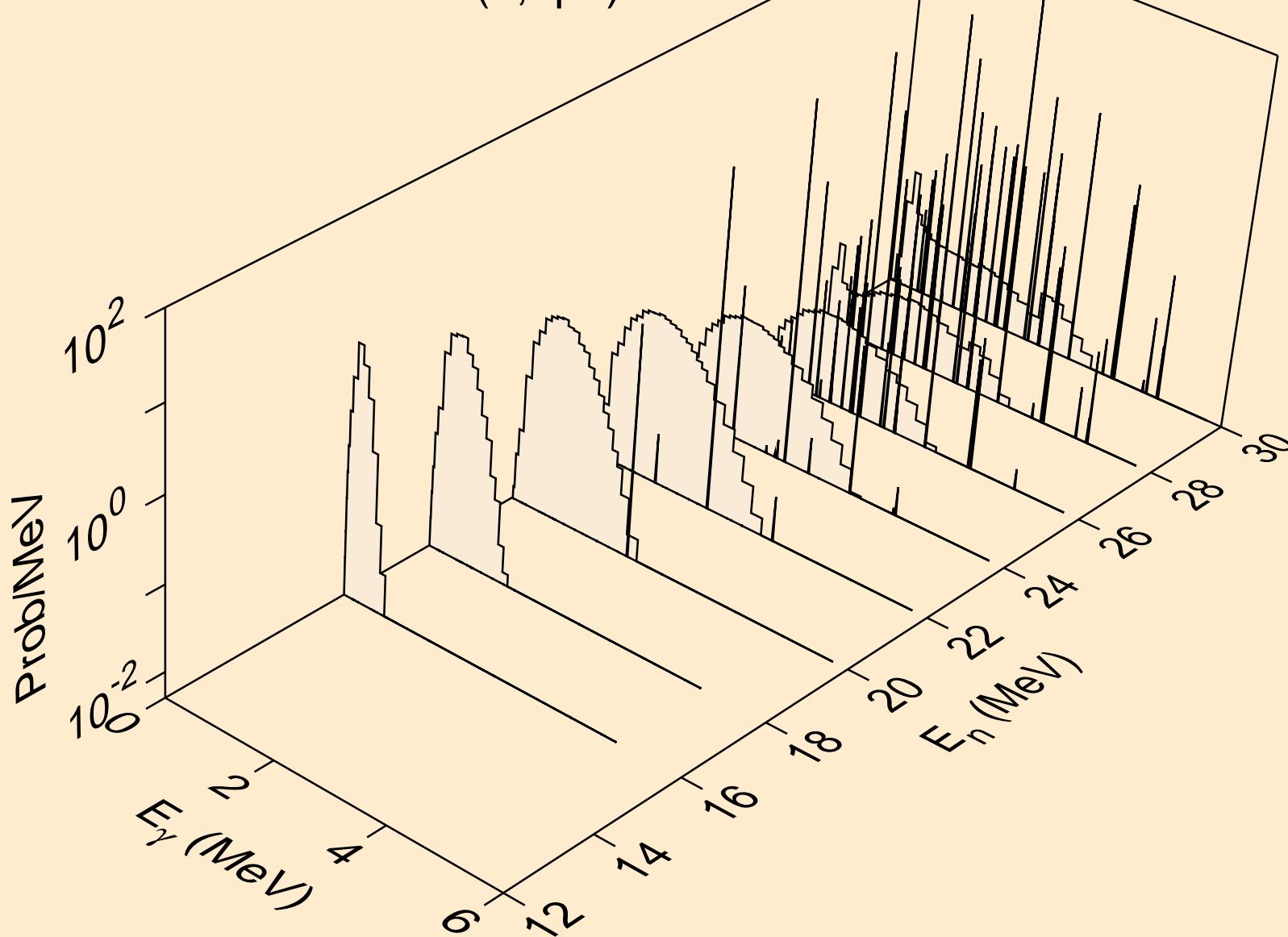
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,n2p)



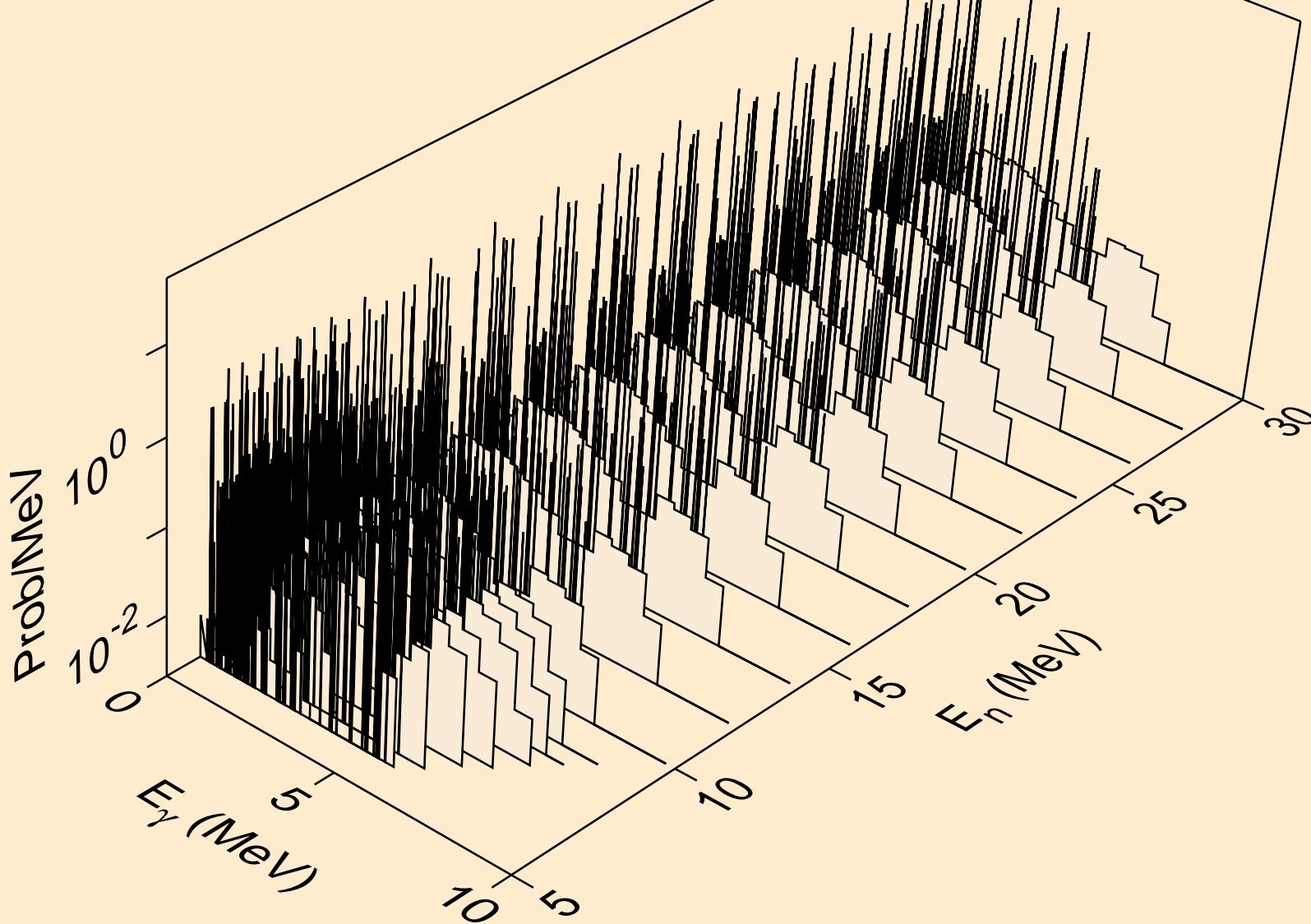
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,npa)



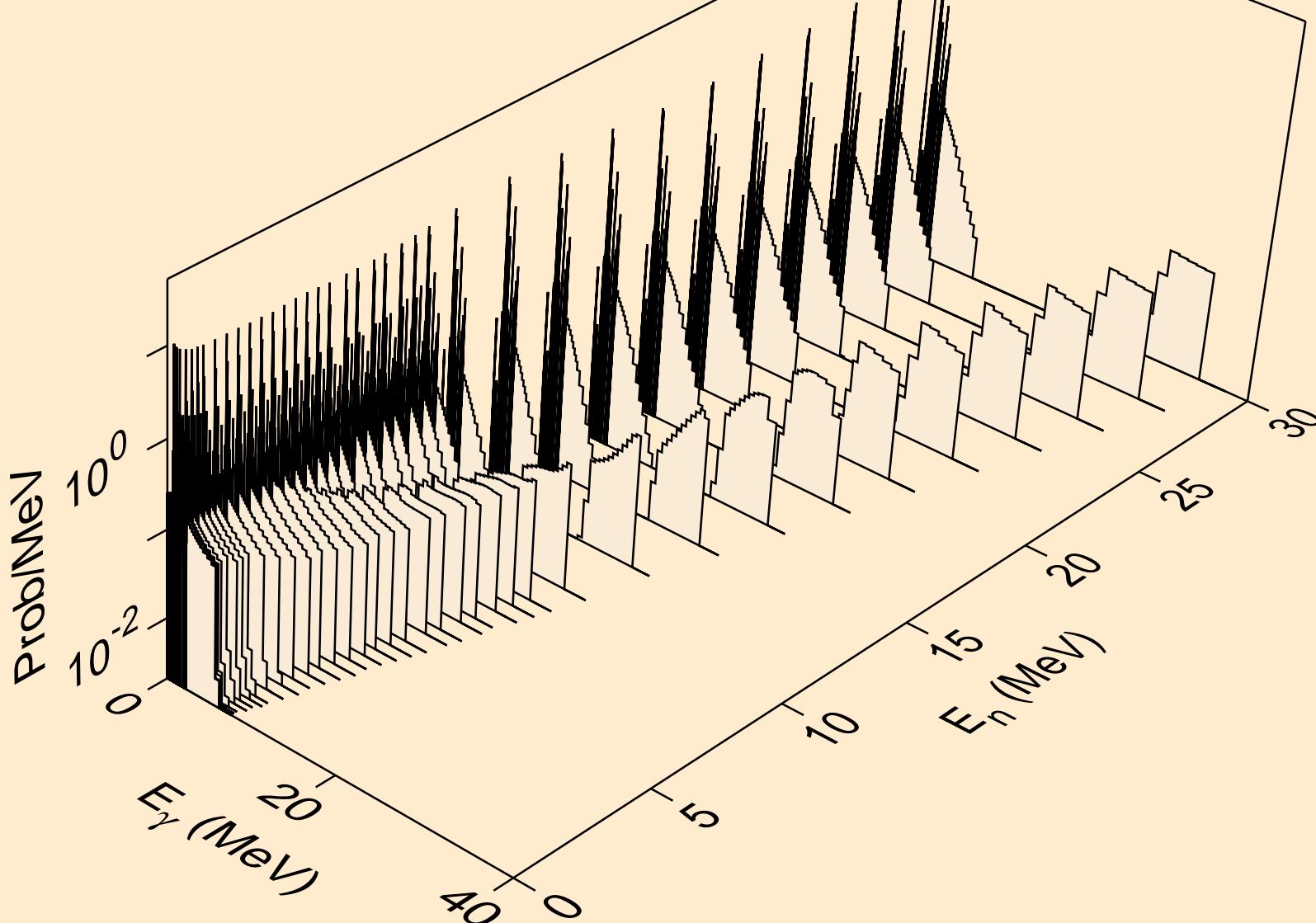
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Photon emission for (n,n*c)



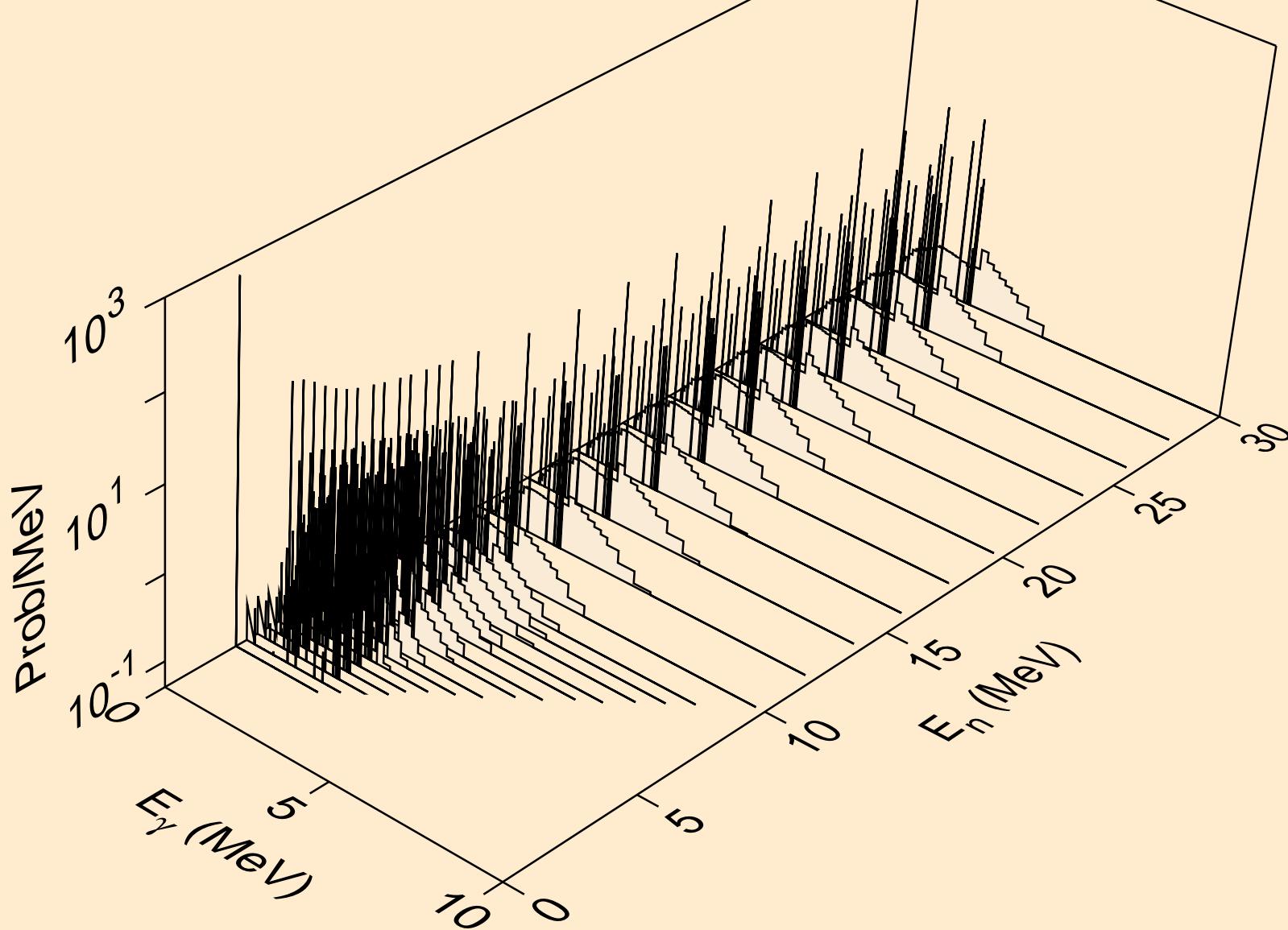
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Photon emission for (n,gma)



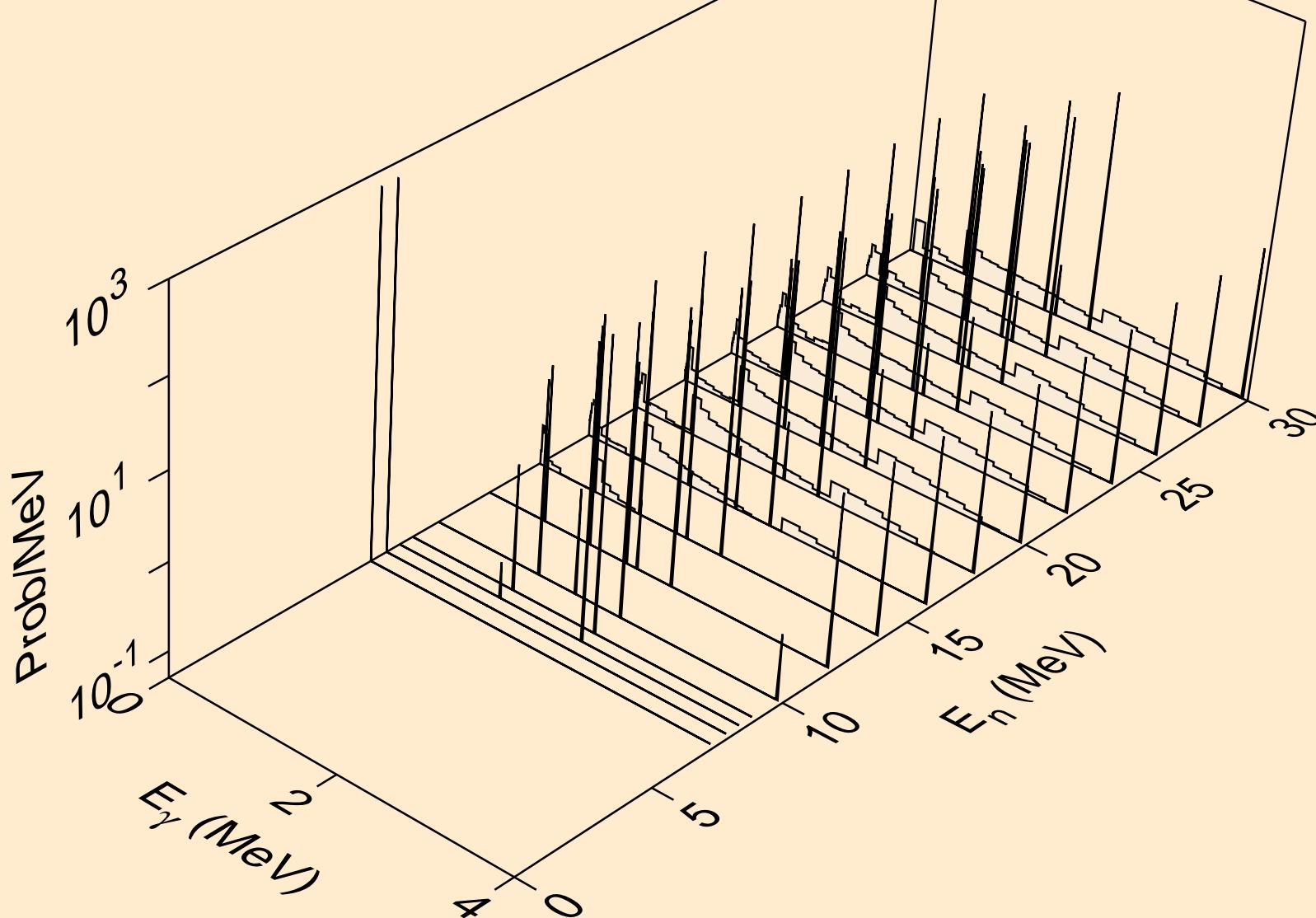
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,p)



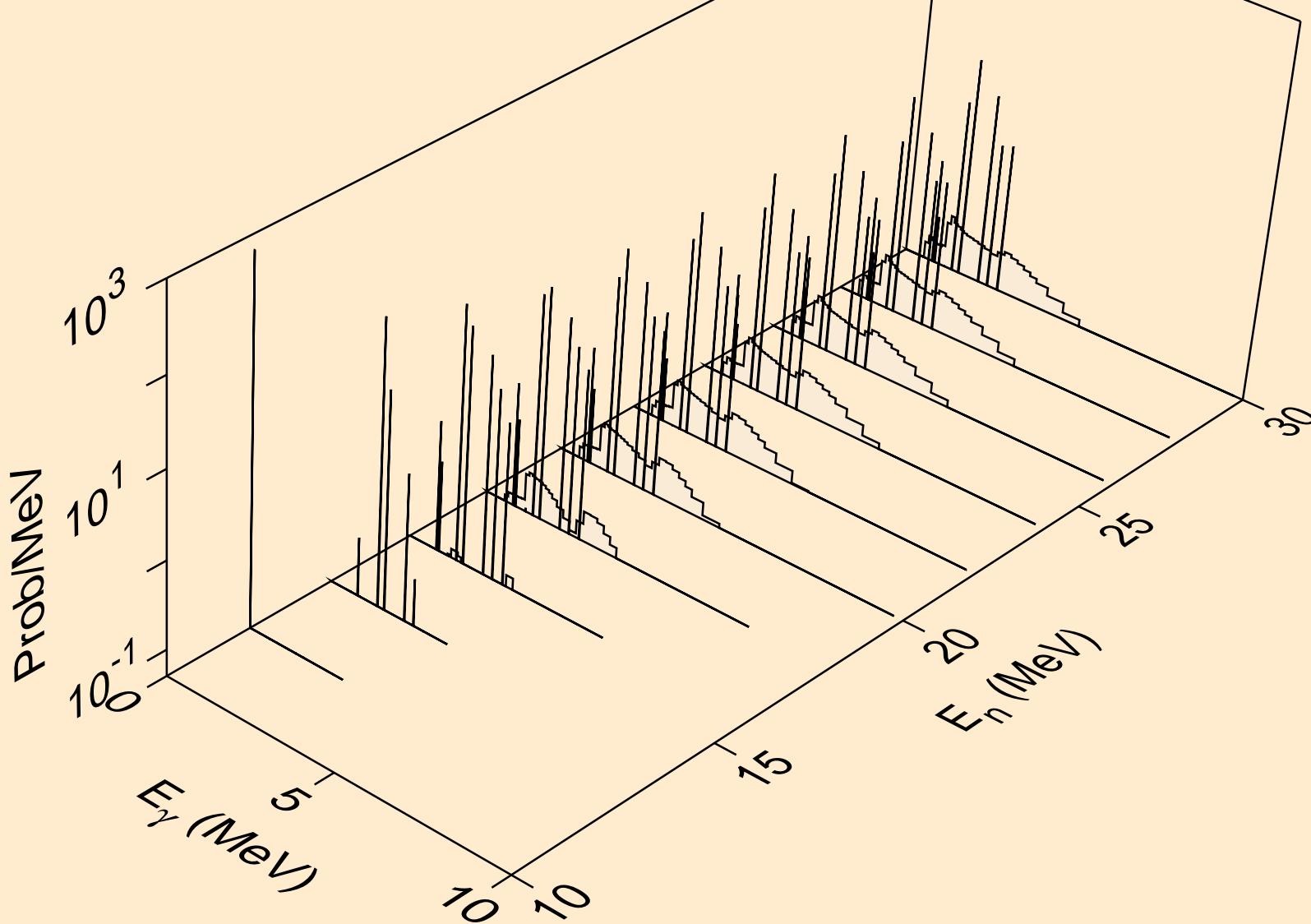
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,d)

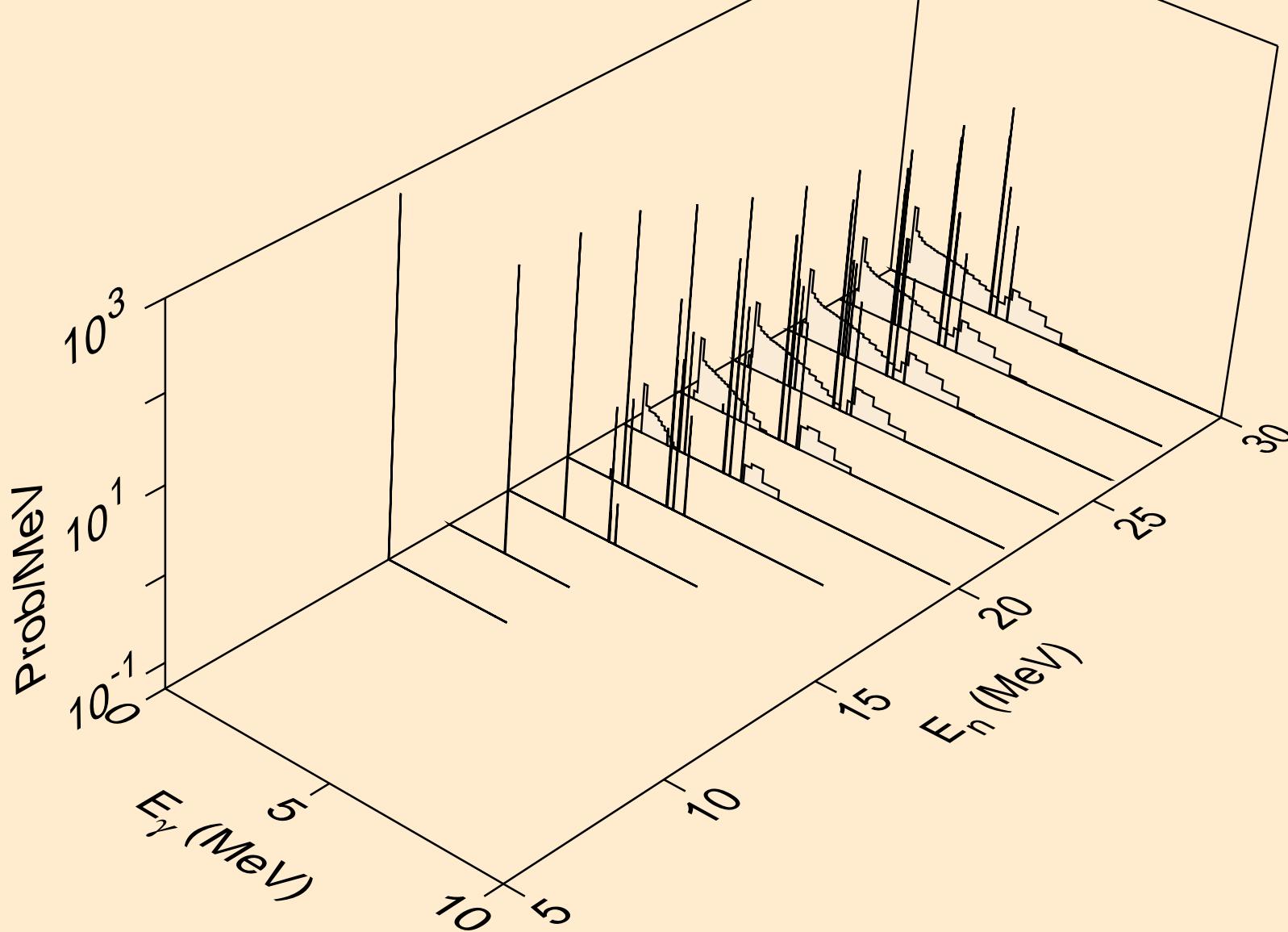


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,t)

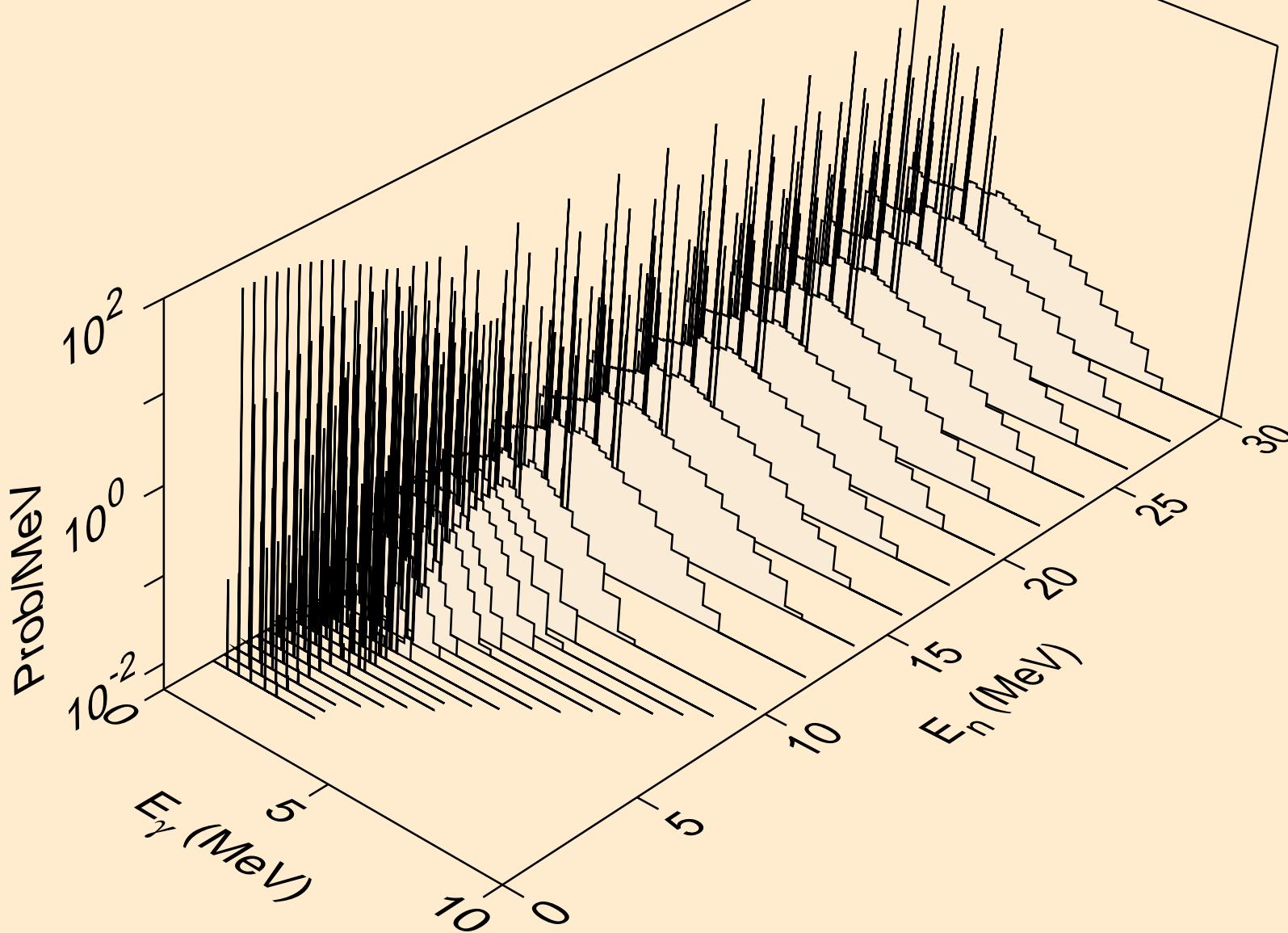


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Photon emission for (n,he3)



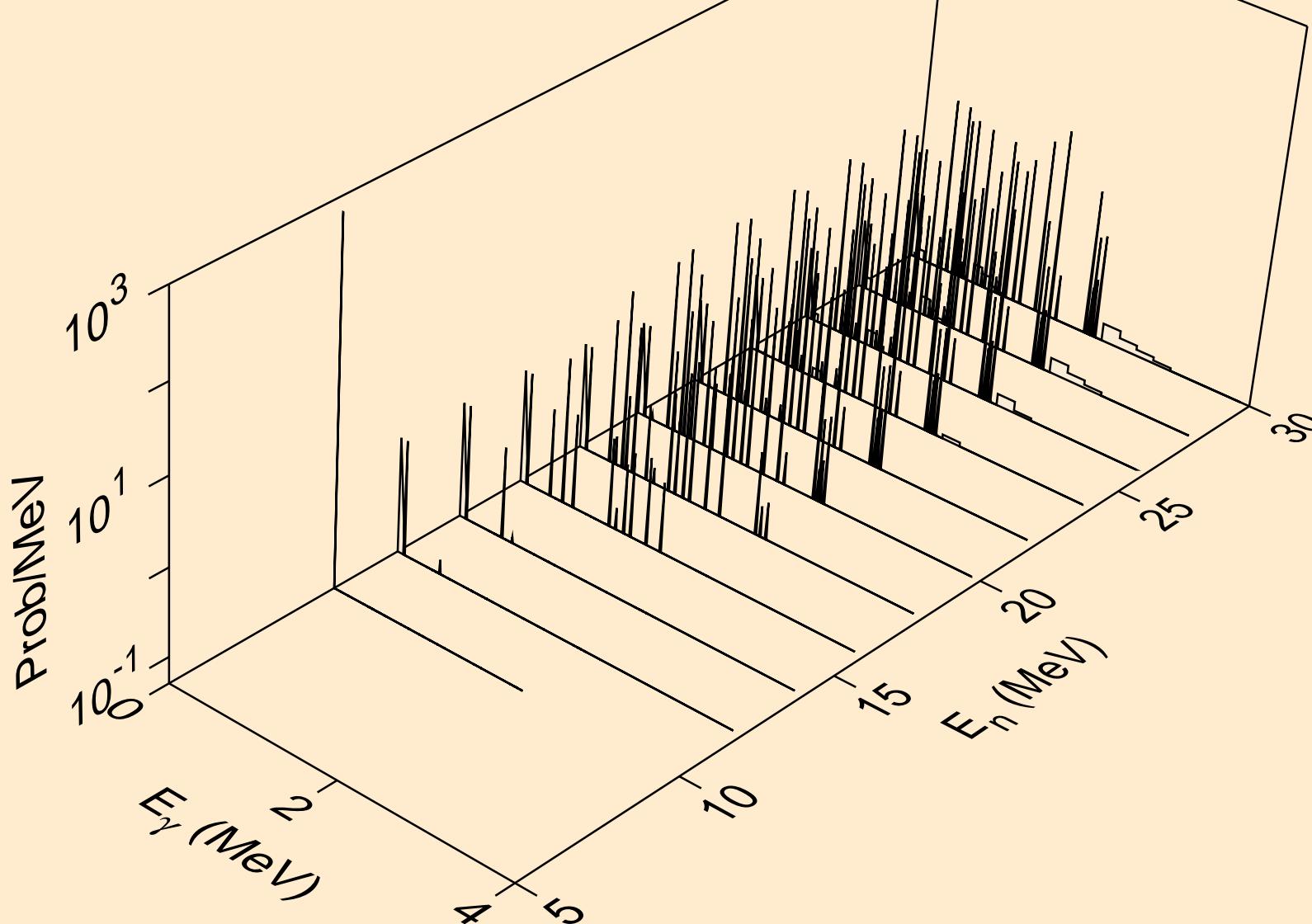
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Photon emission for (n,a)



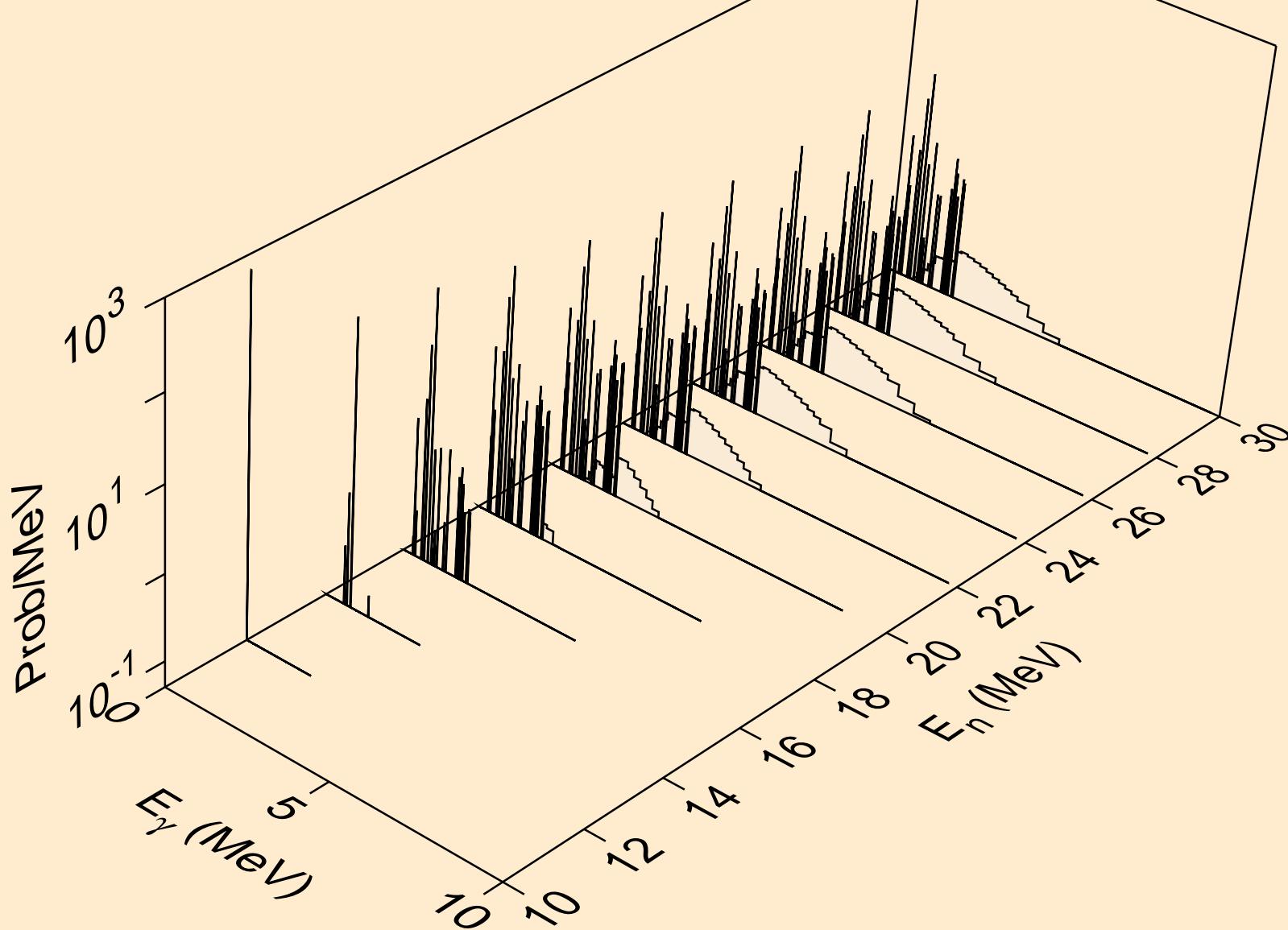
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Photon emission for (n,2a)



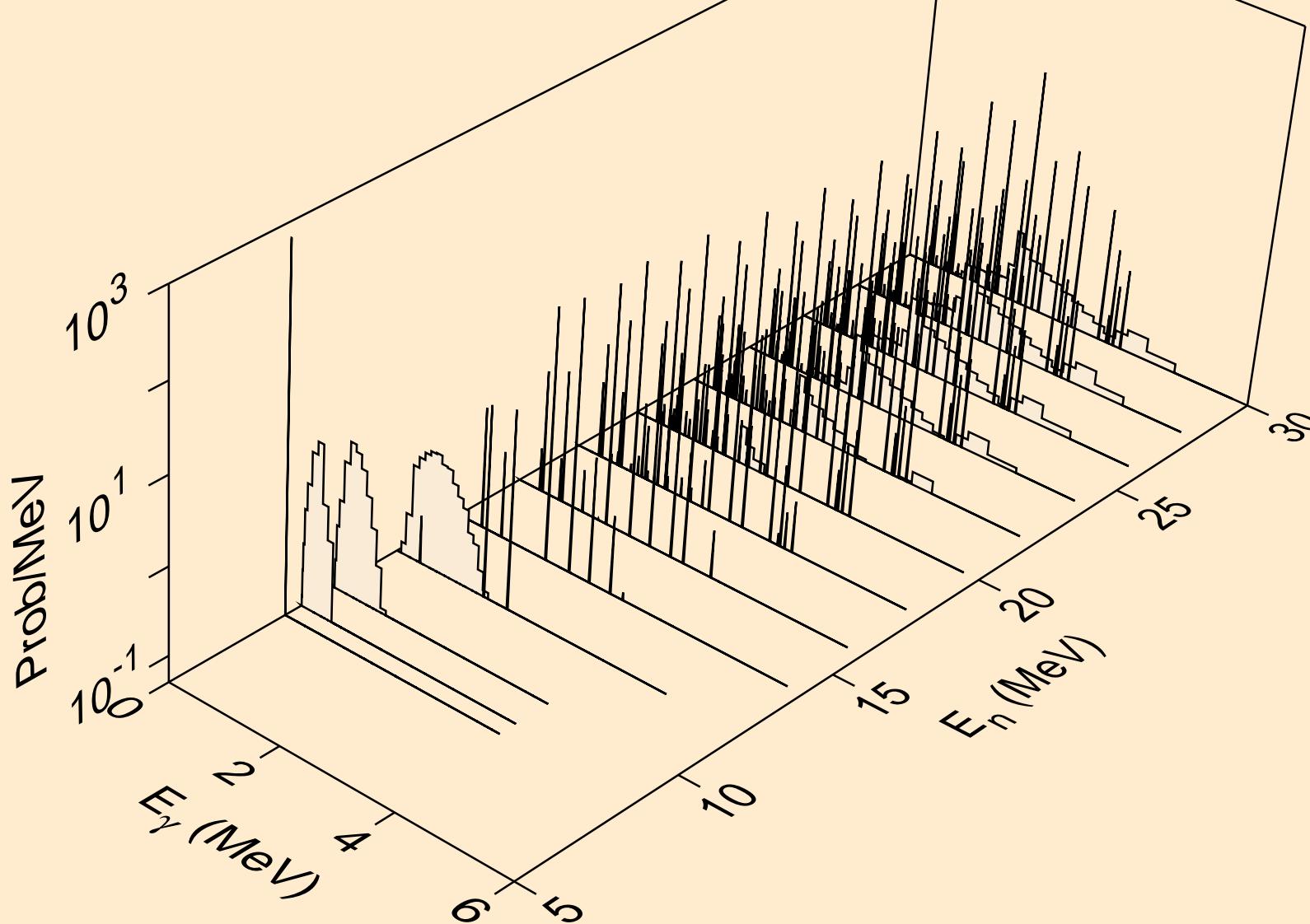
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Photon emission for (n,2p)



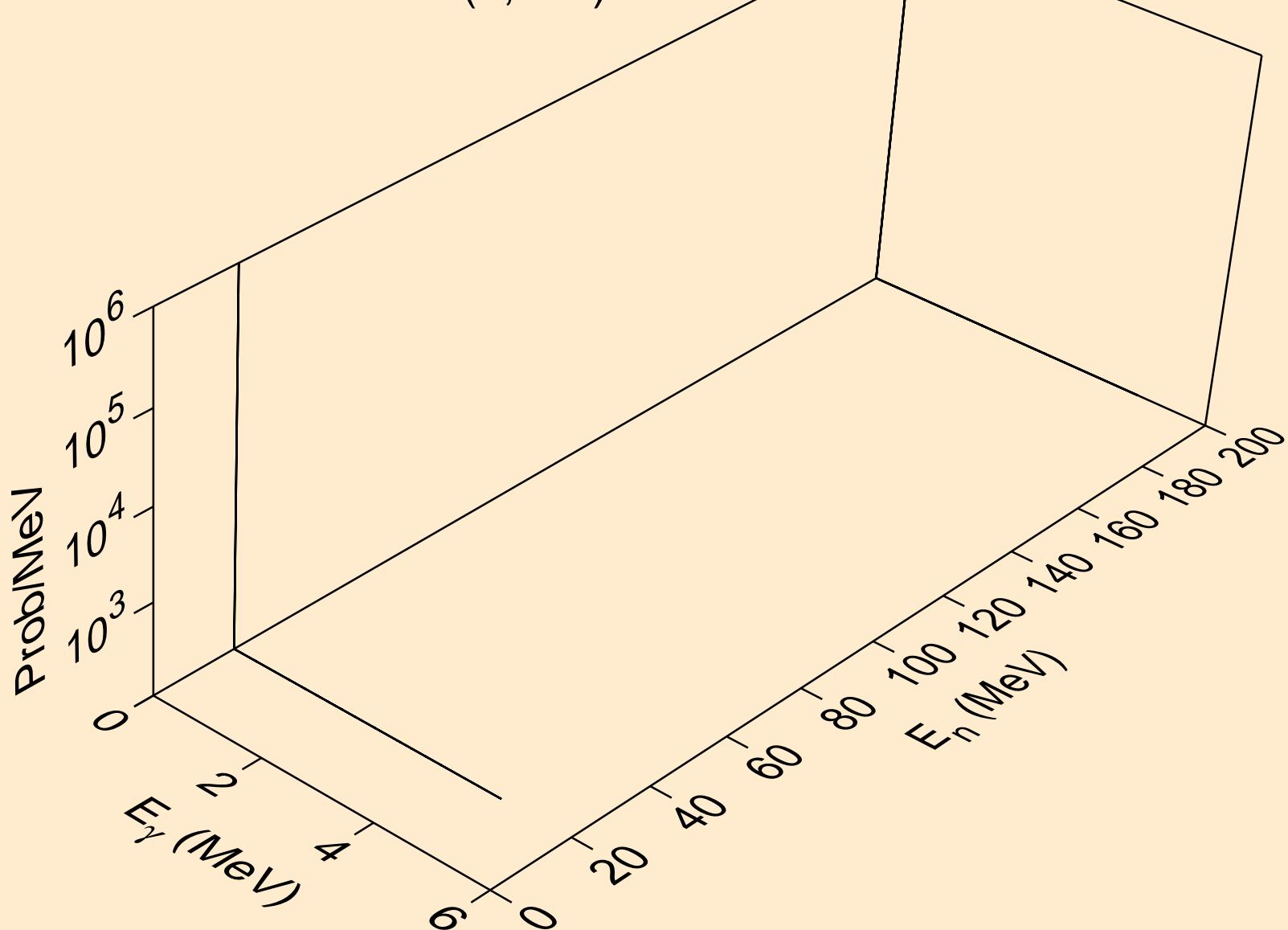
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,pa)



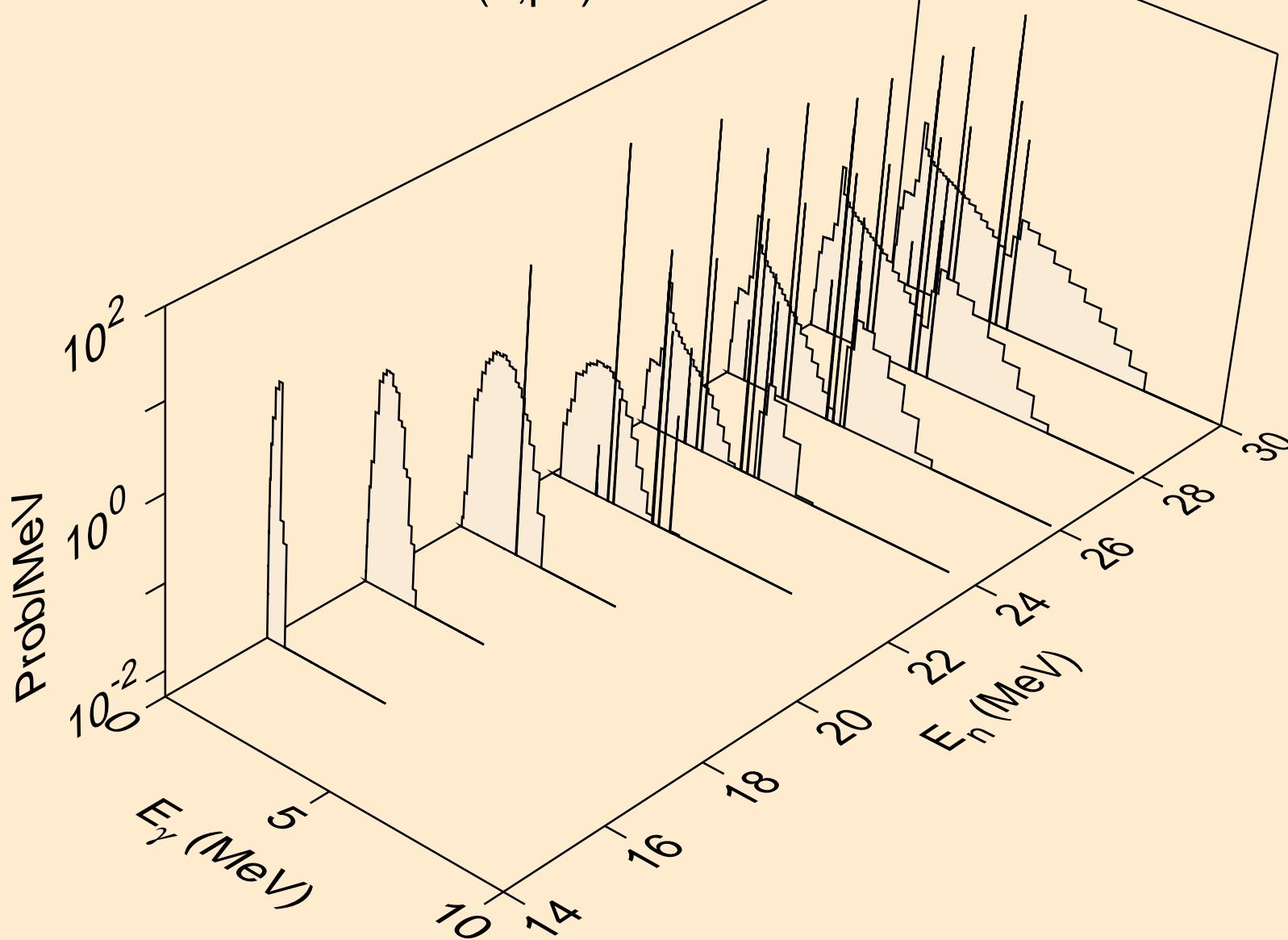
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,d2a)



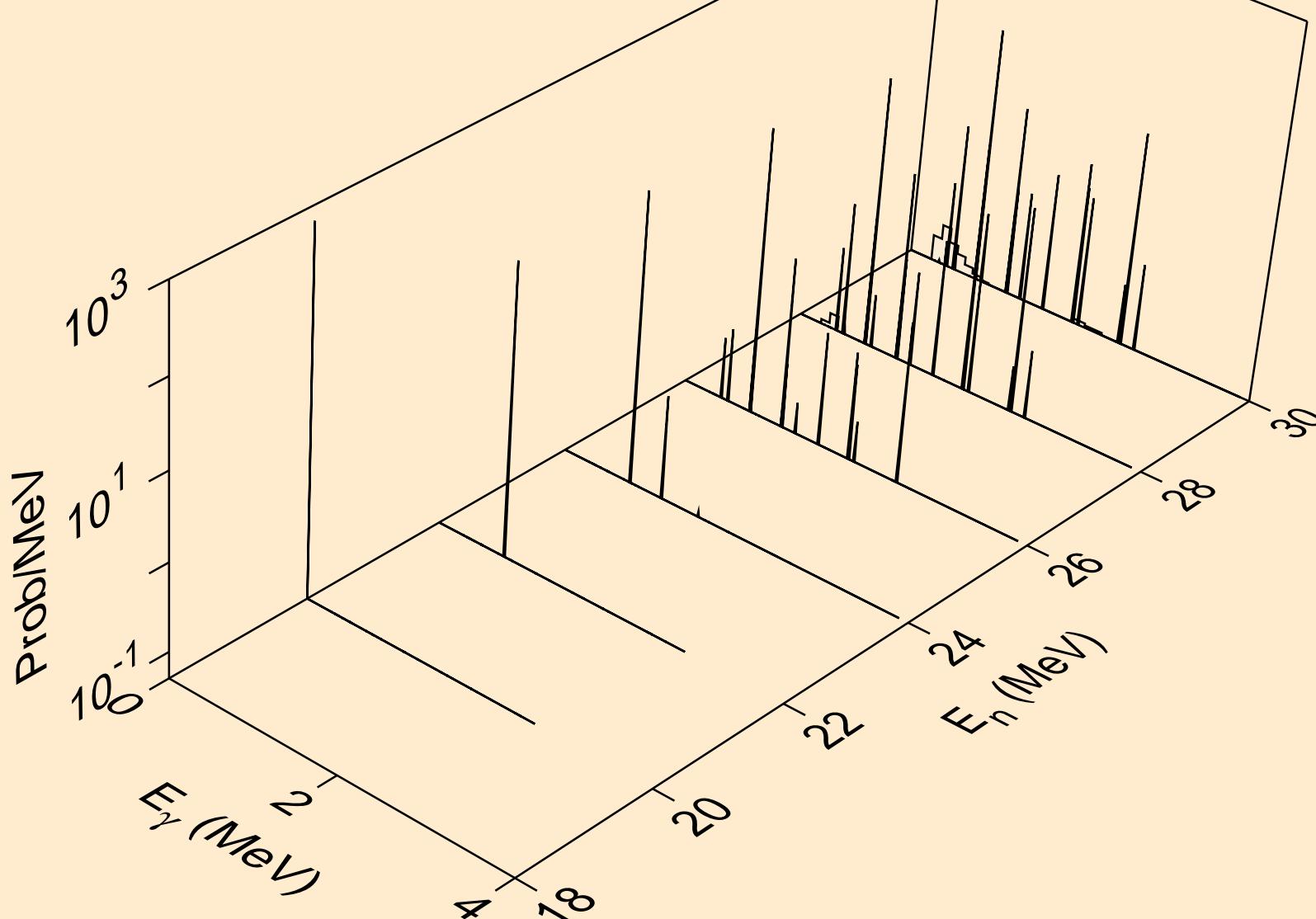
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,pd)



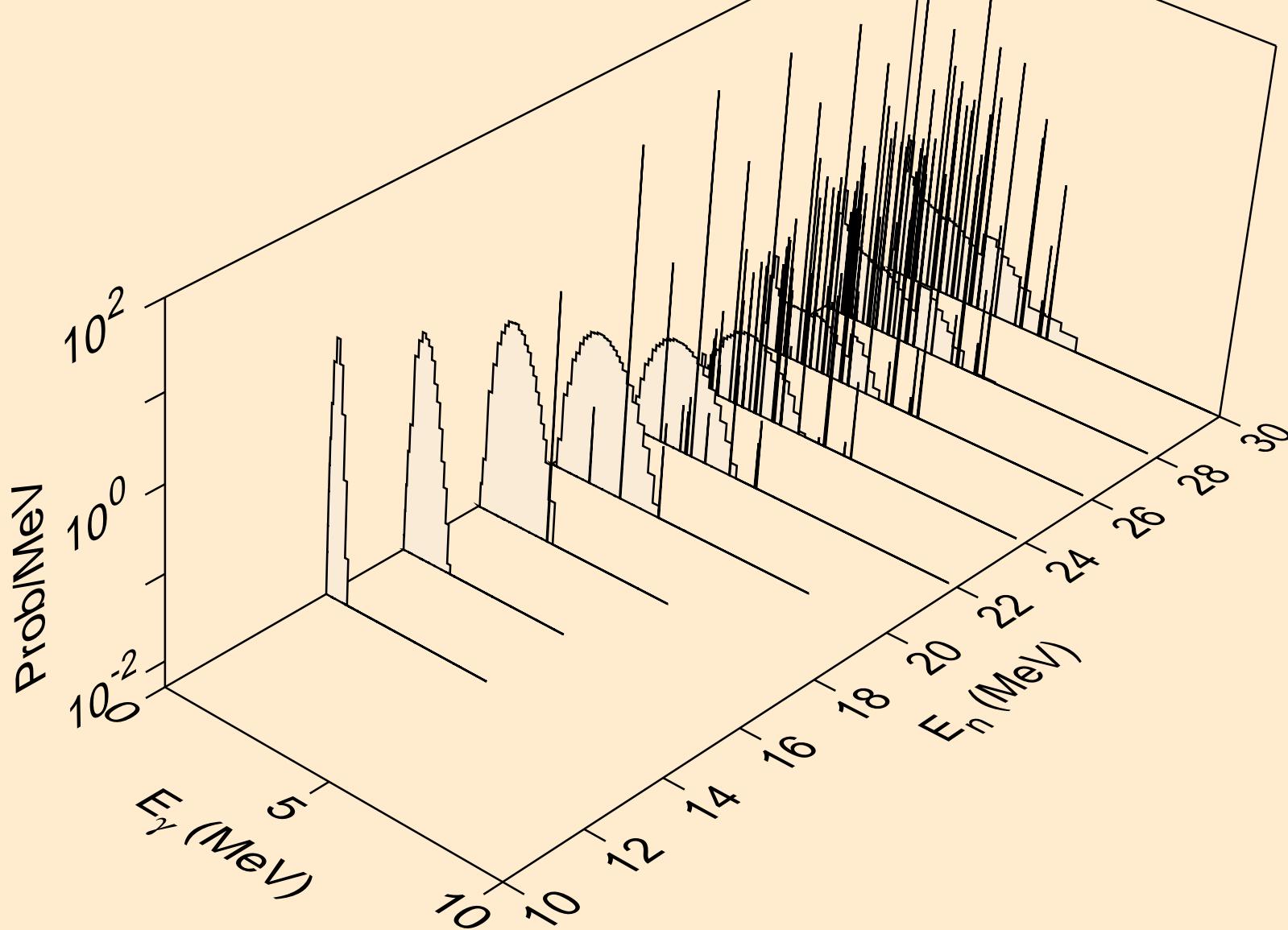
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

Photon emission for (n,pt)

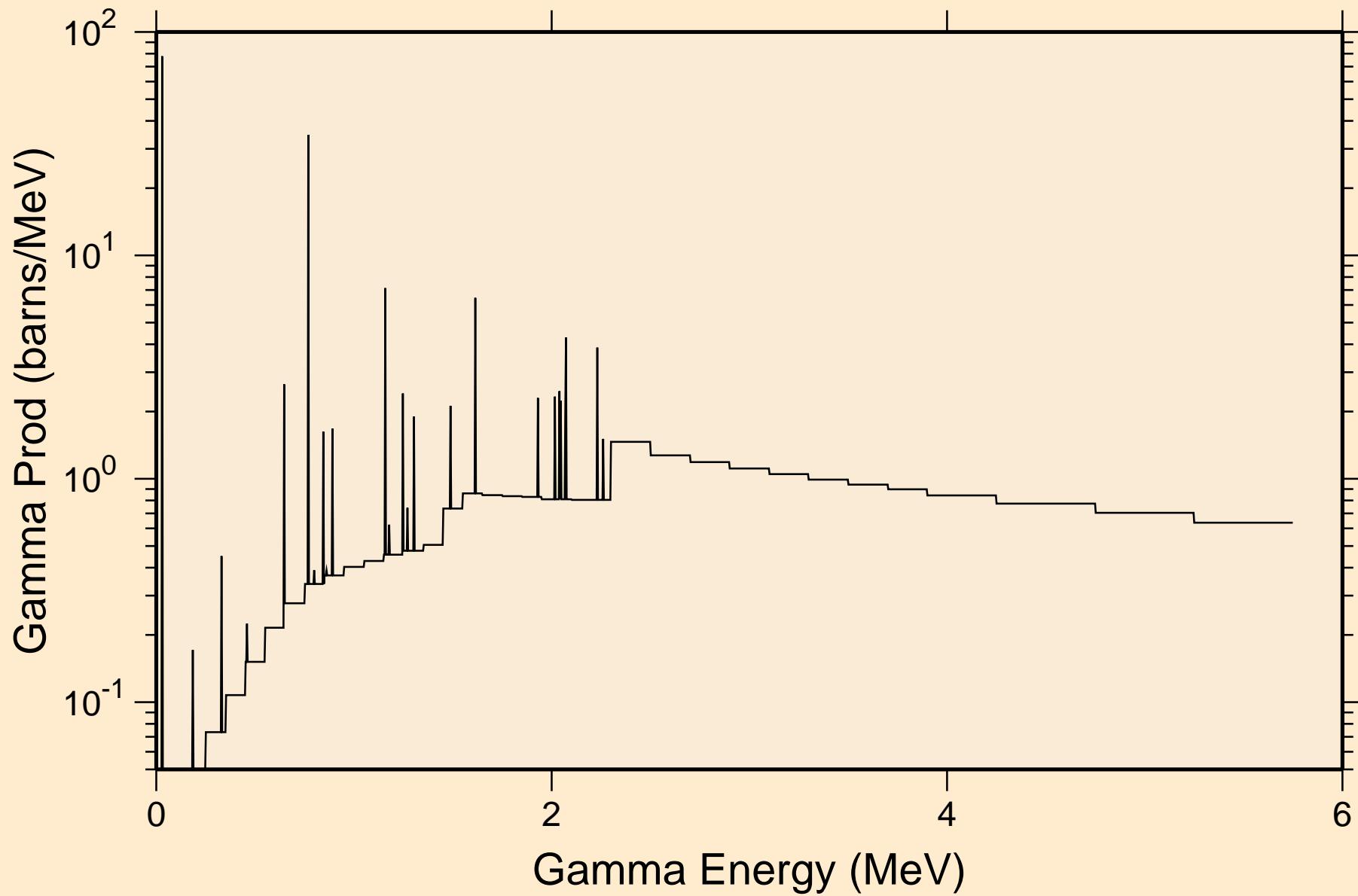


19-K-39 FENDL-3.2C (NJOY2016.74+NDS)

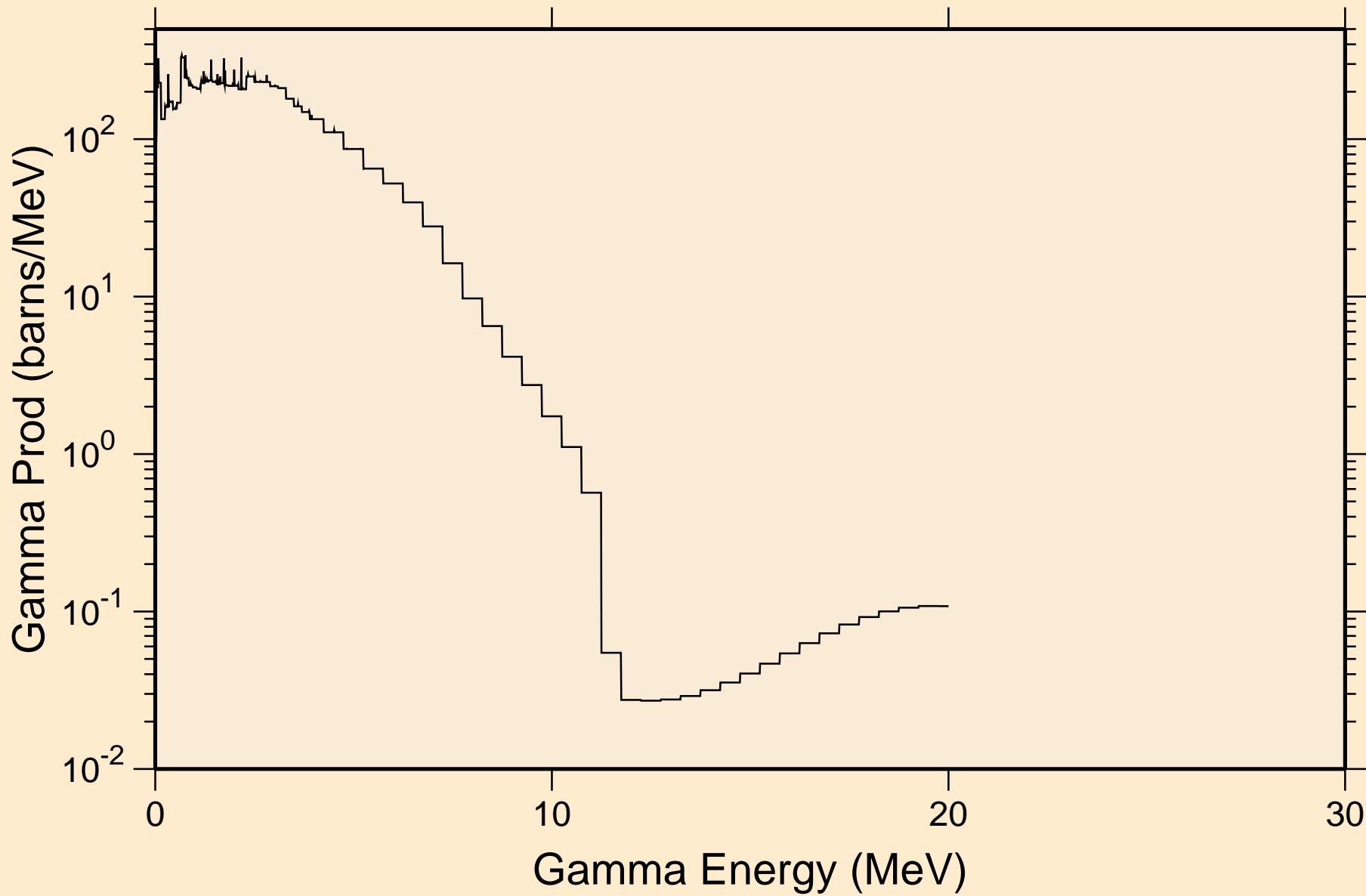
Photon emission for (n,da)



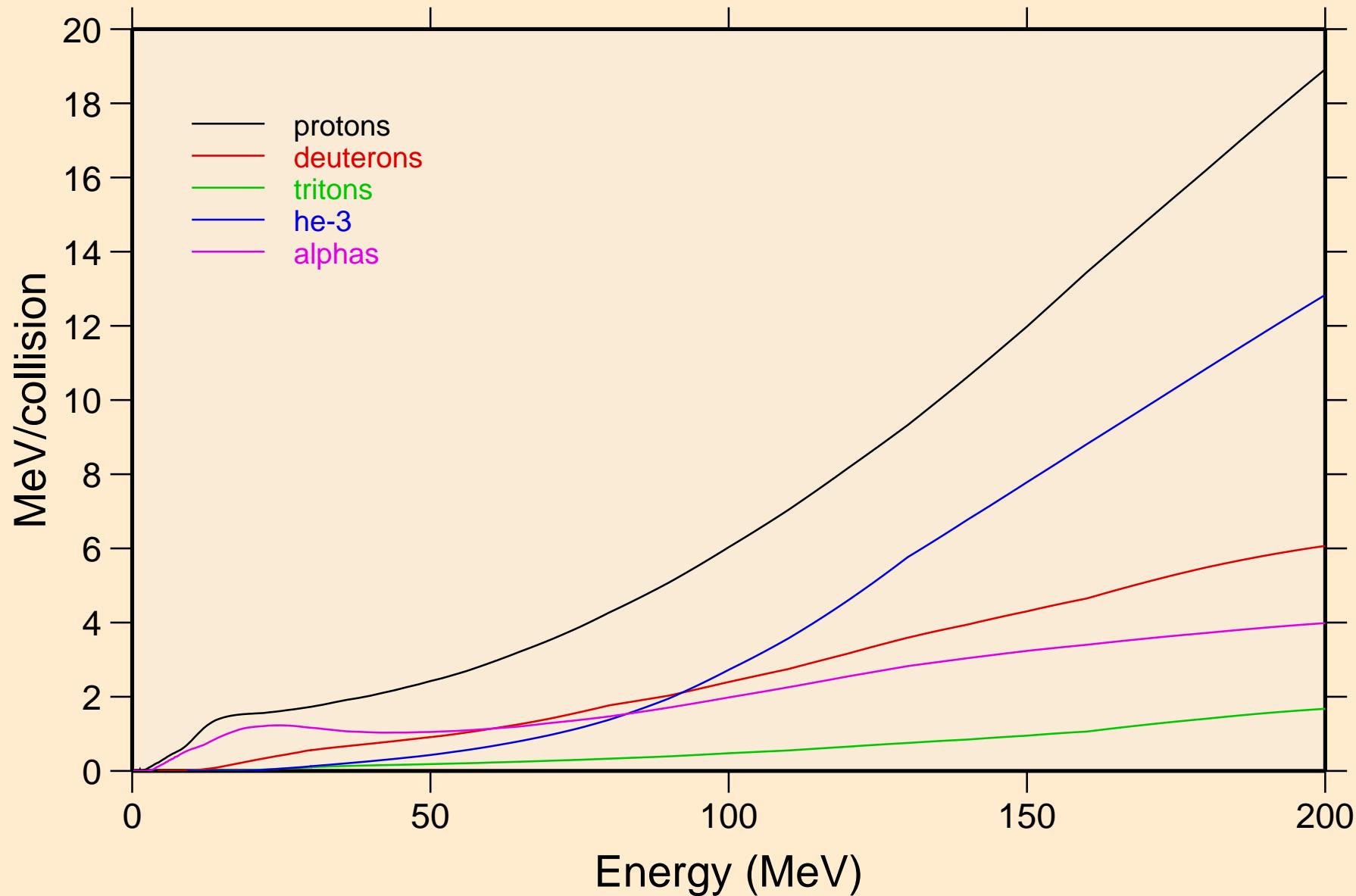
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
thermal capture photon spectrum



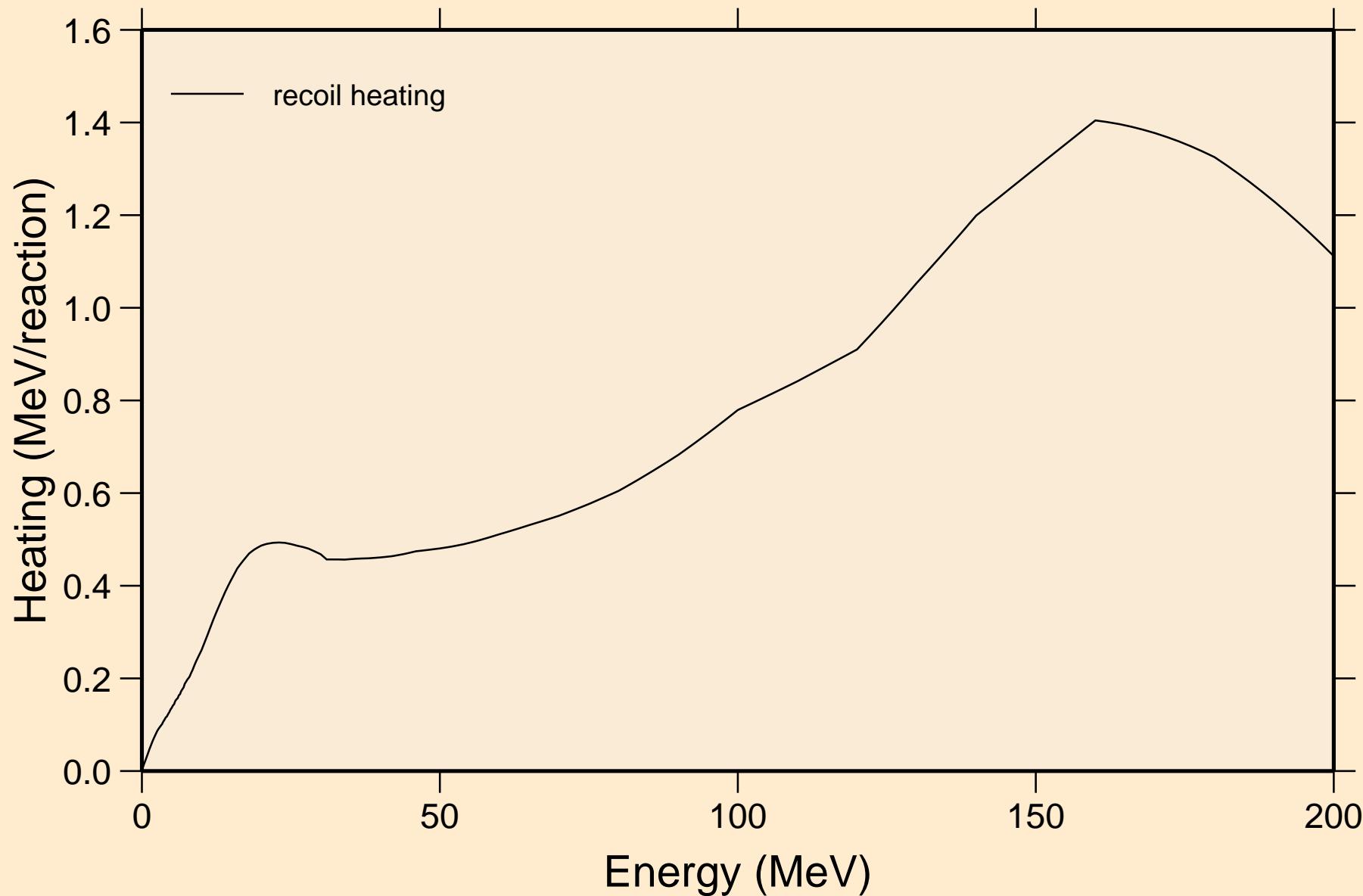
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
14 MeV photon spectrum



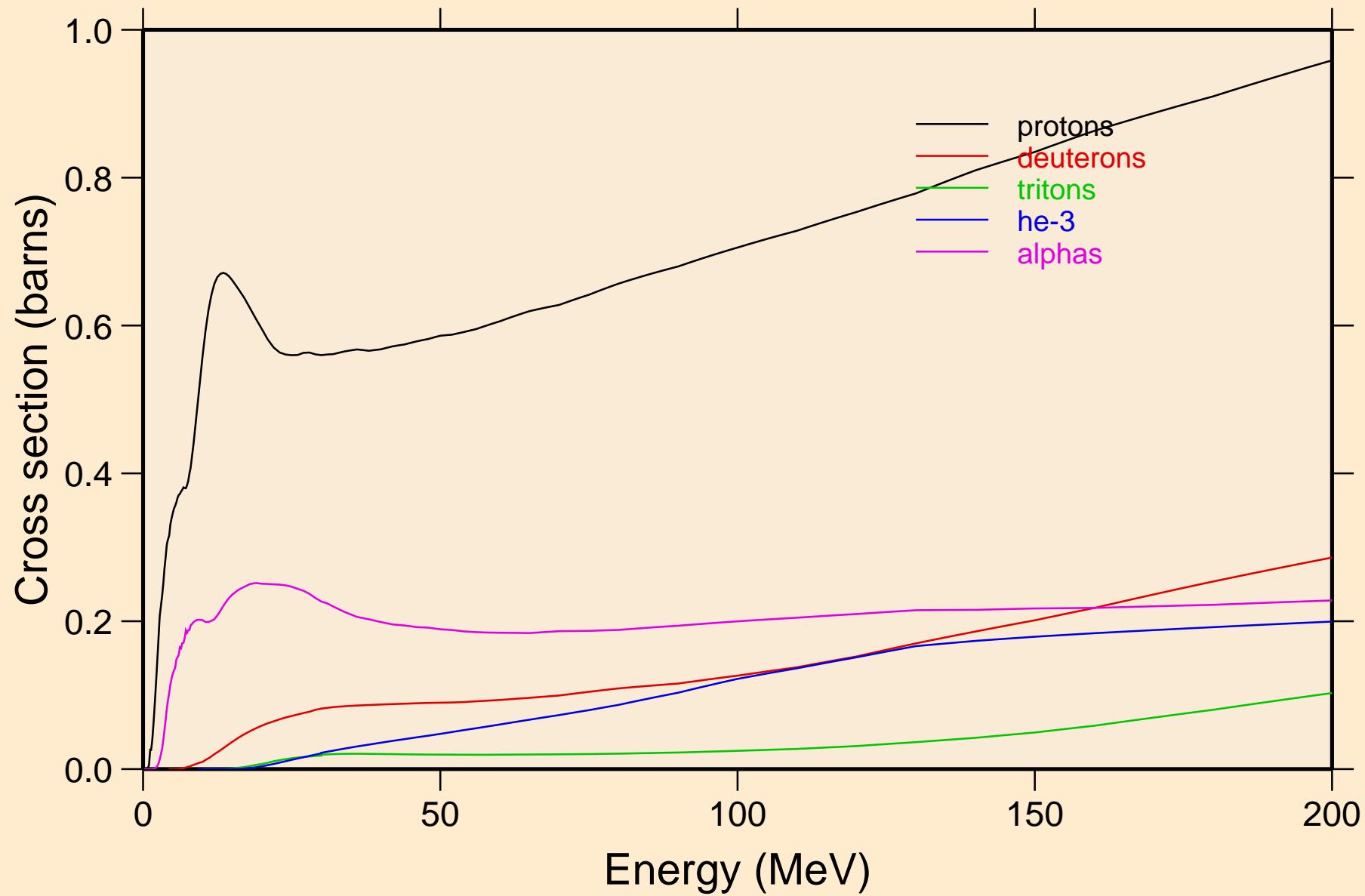
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Particle heating contributions



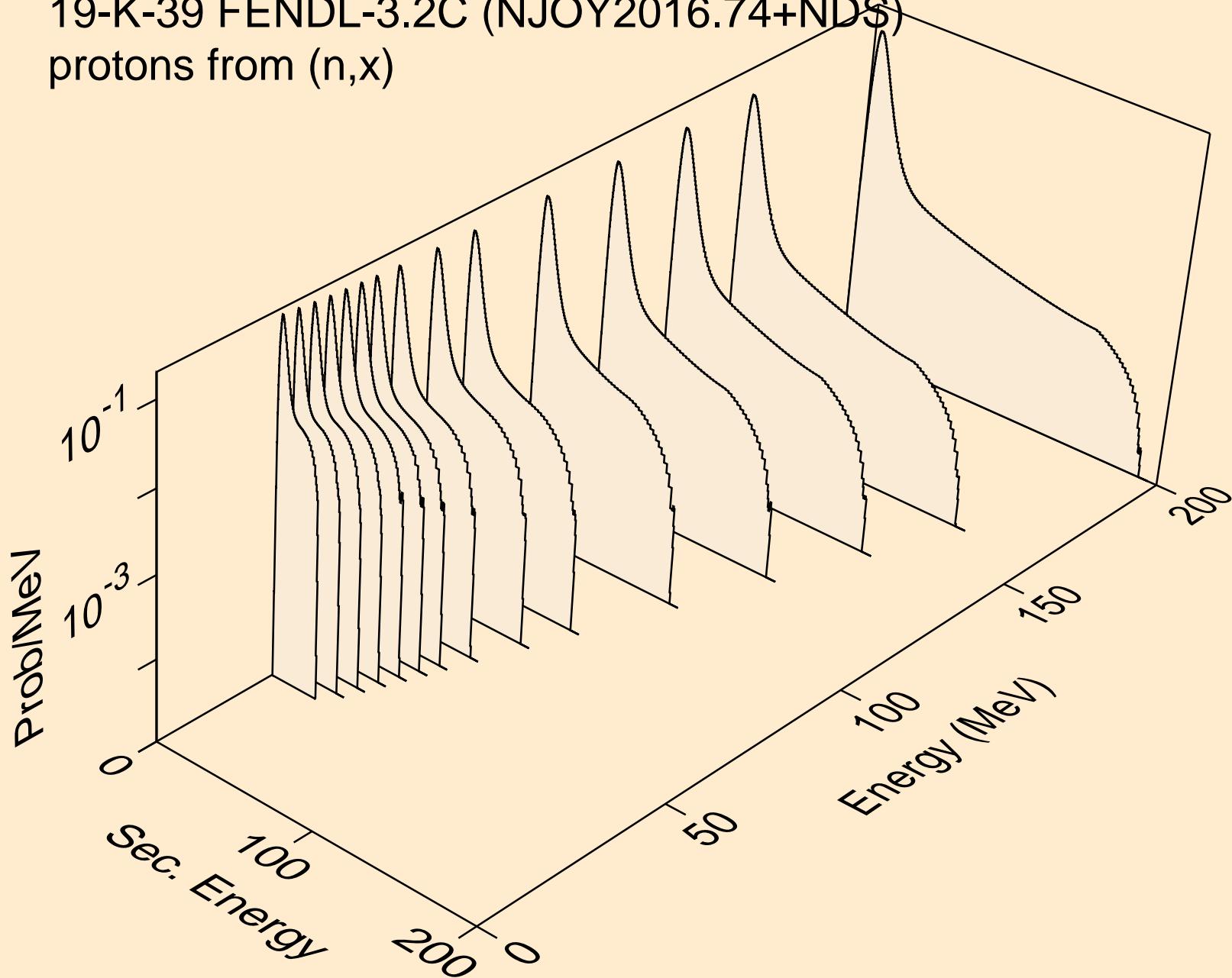
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Recoil Heating



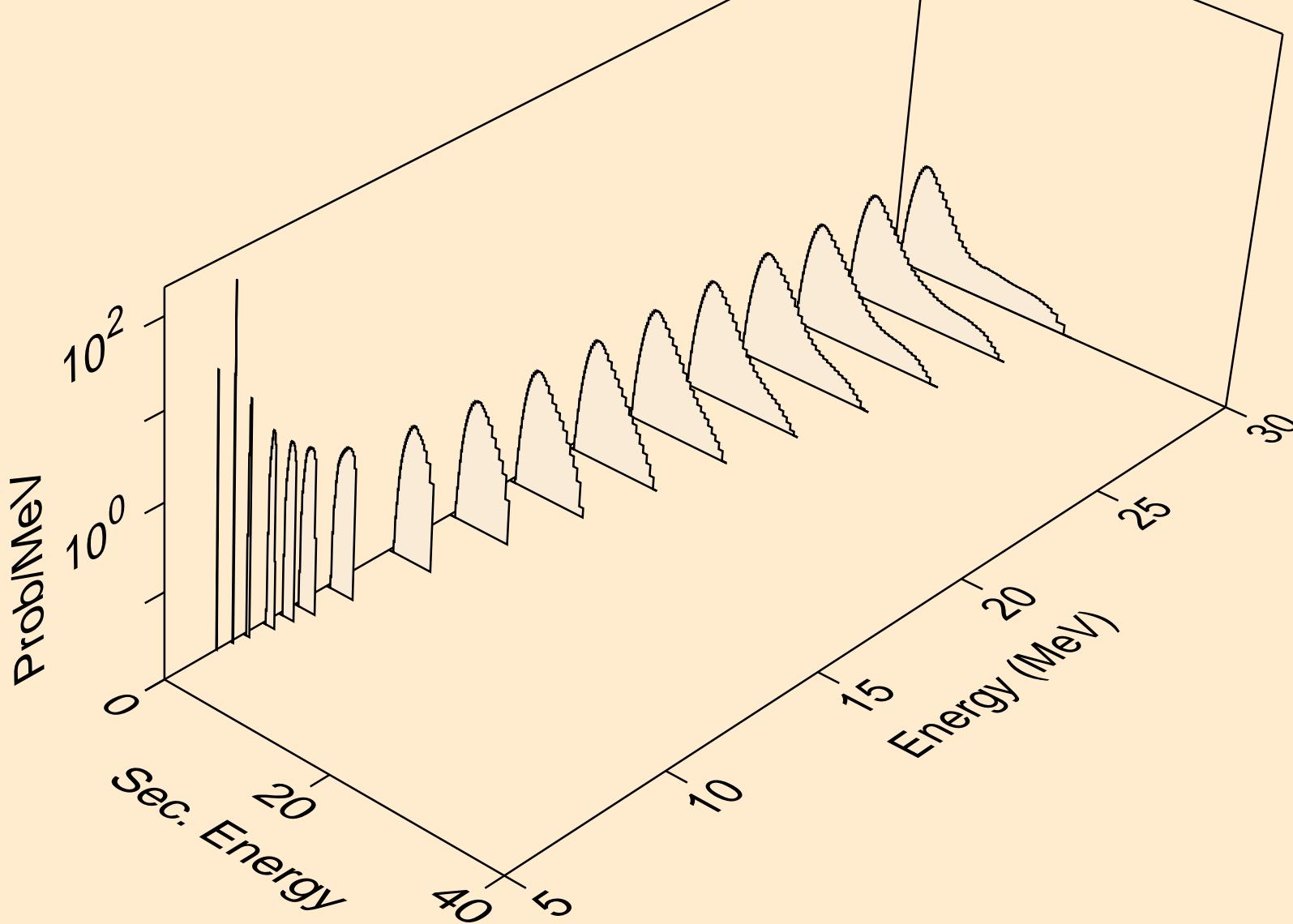
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
Particle production cross sections



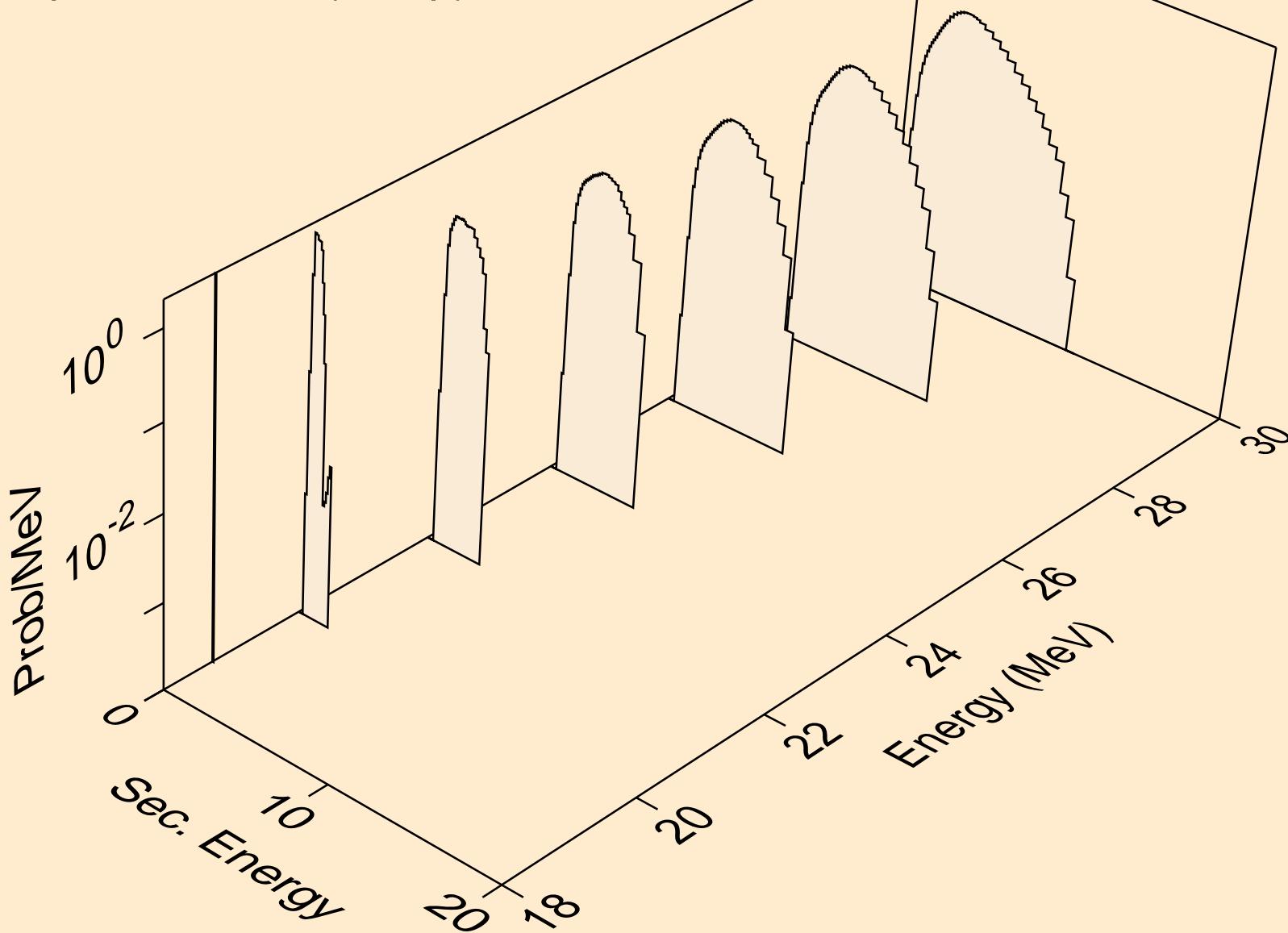
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
protons from (n,x)



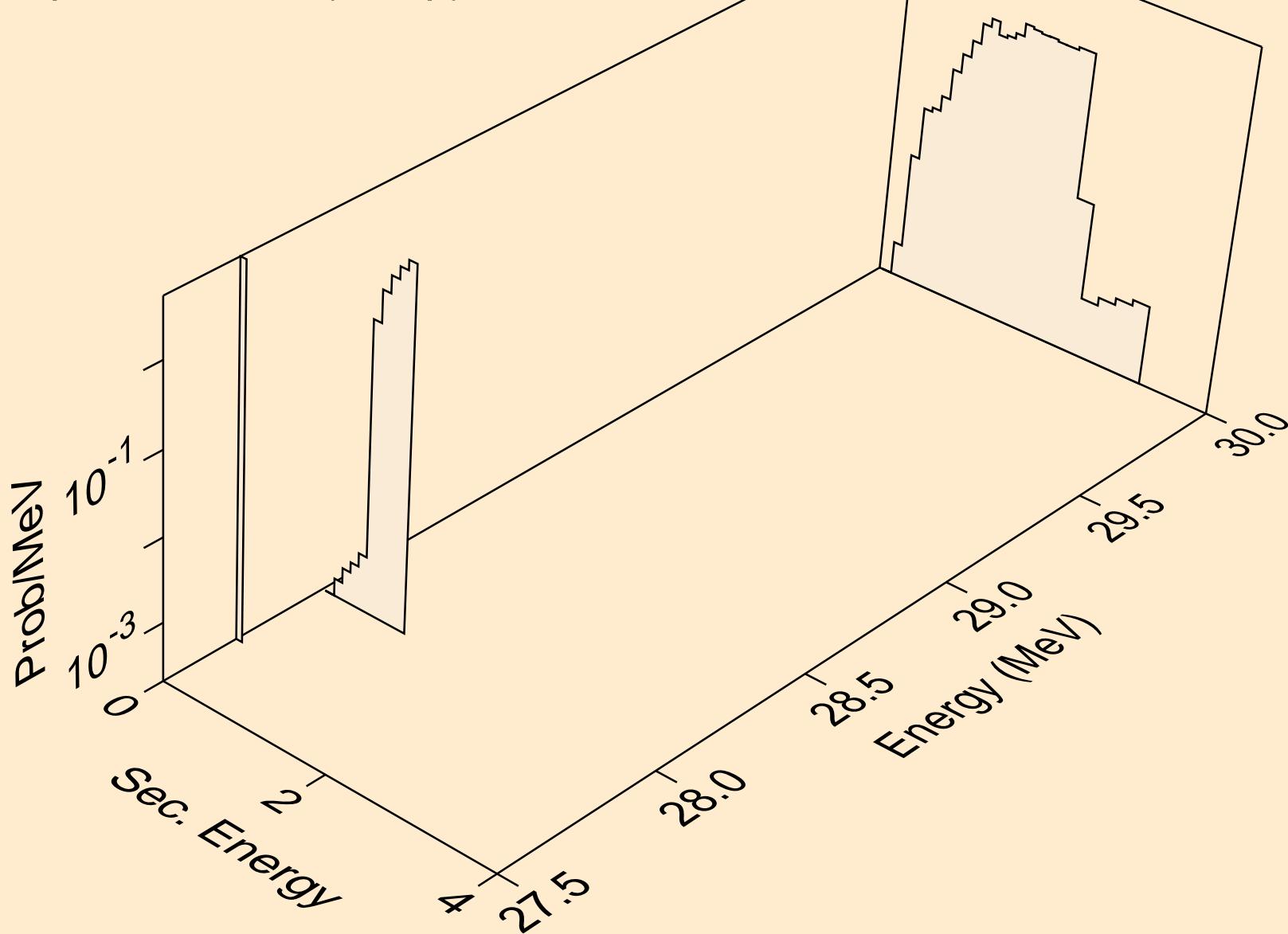
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protons from (n,np)



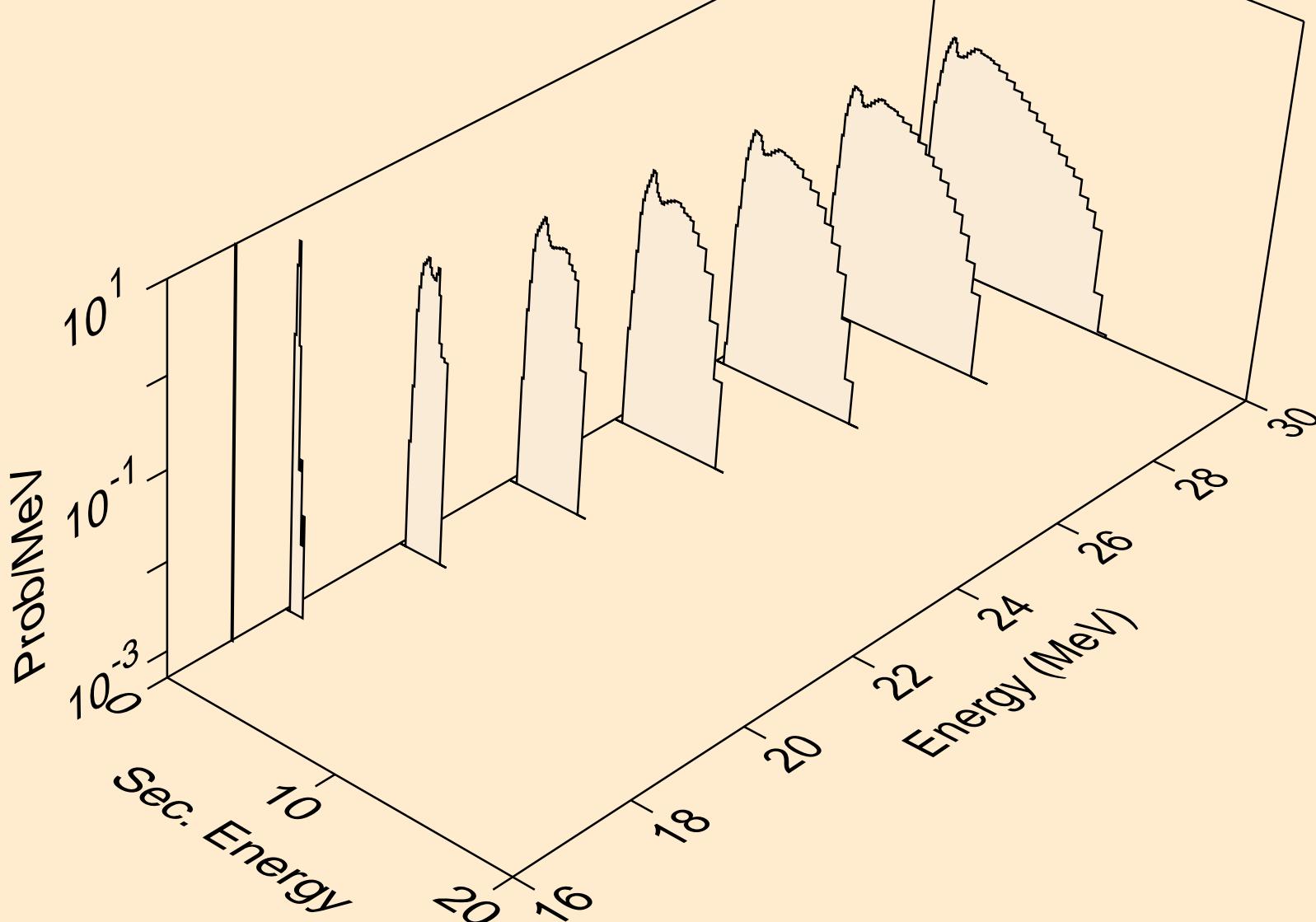
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protons from ($n,2np$)



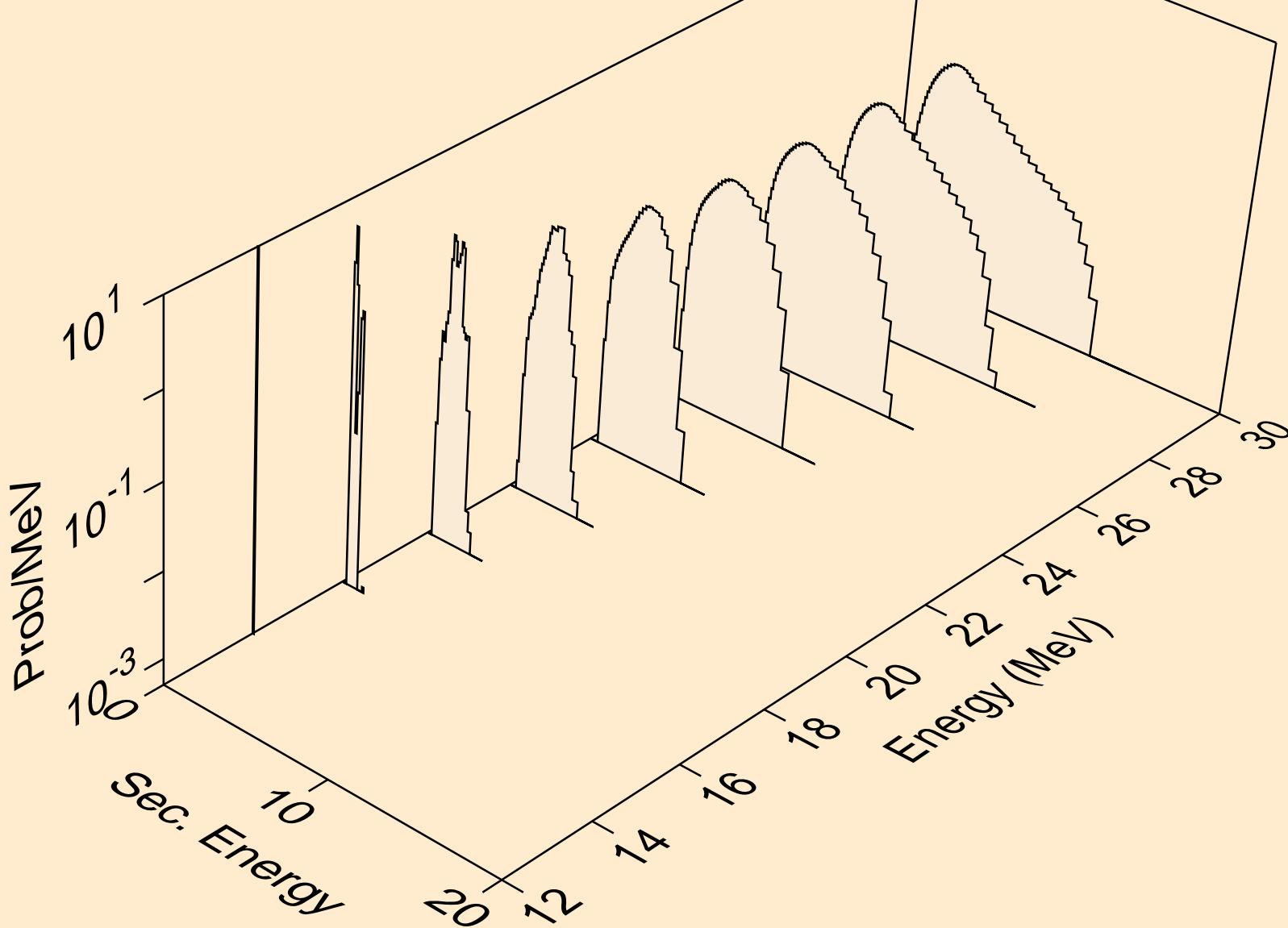
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
protons from ($n,3np$)



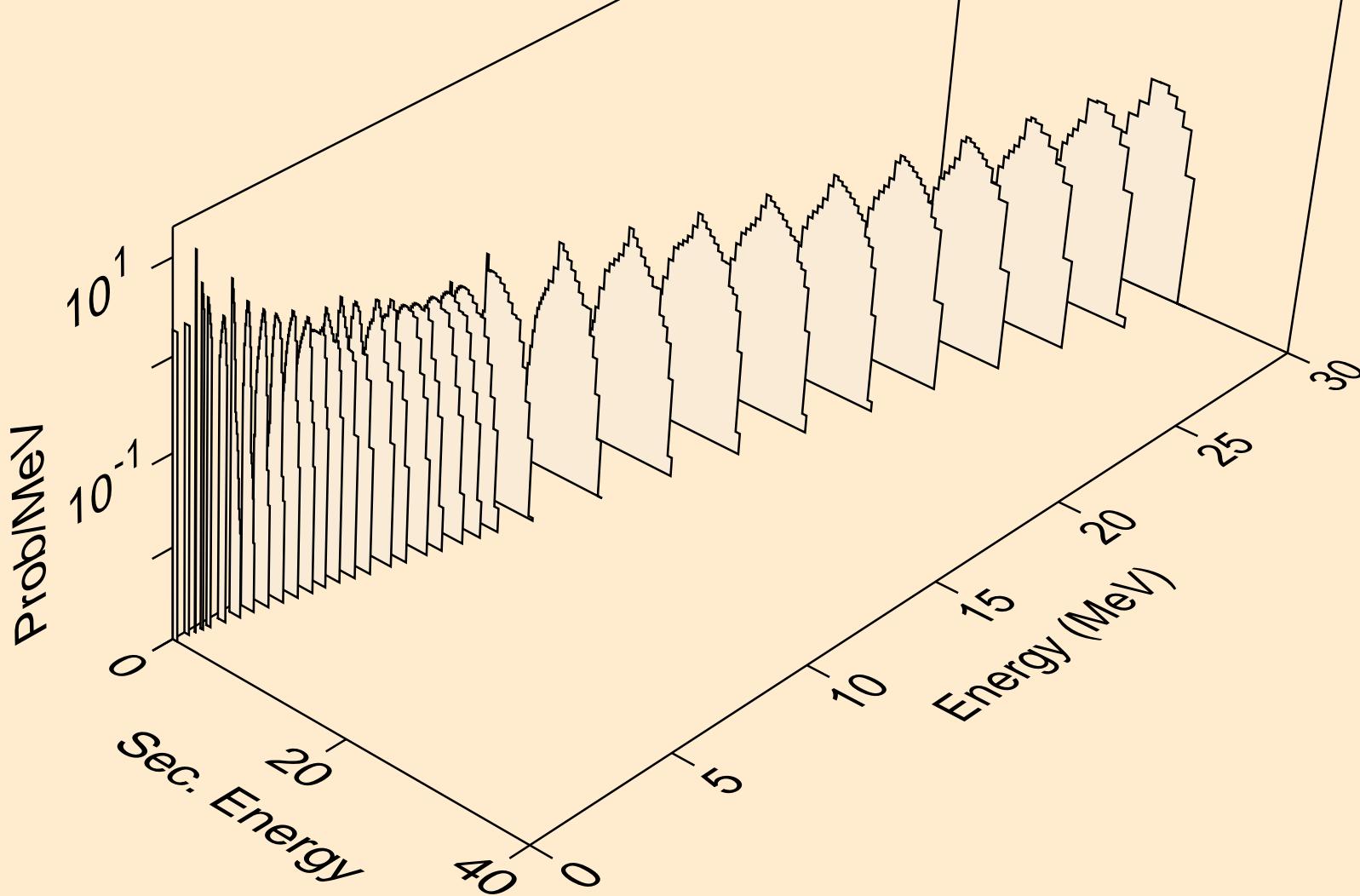
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protons from ($n, n2p$)



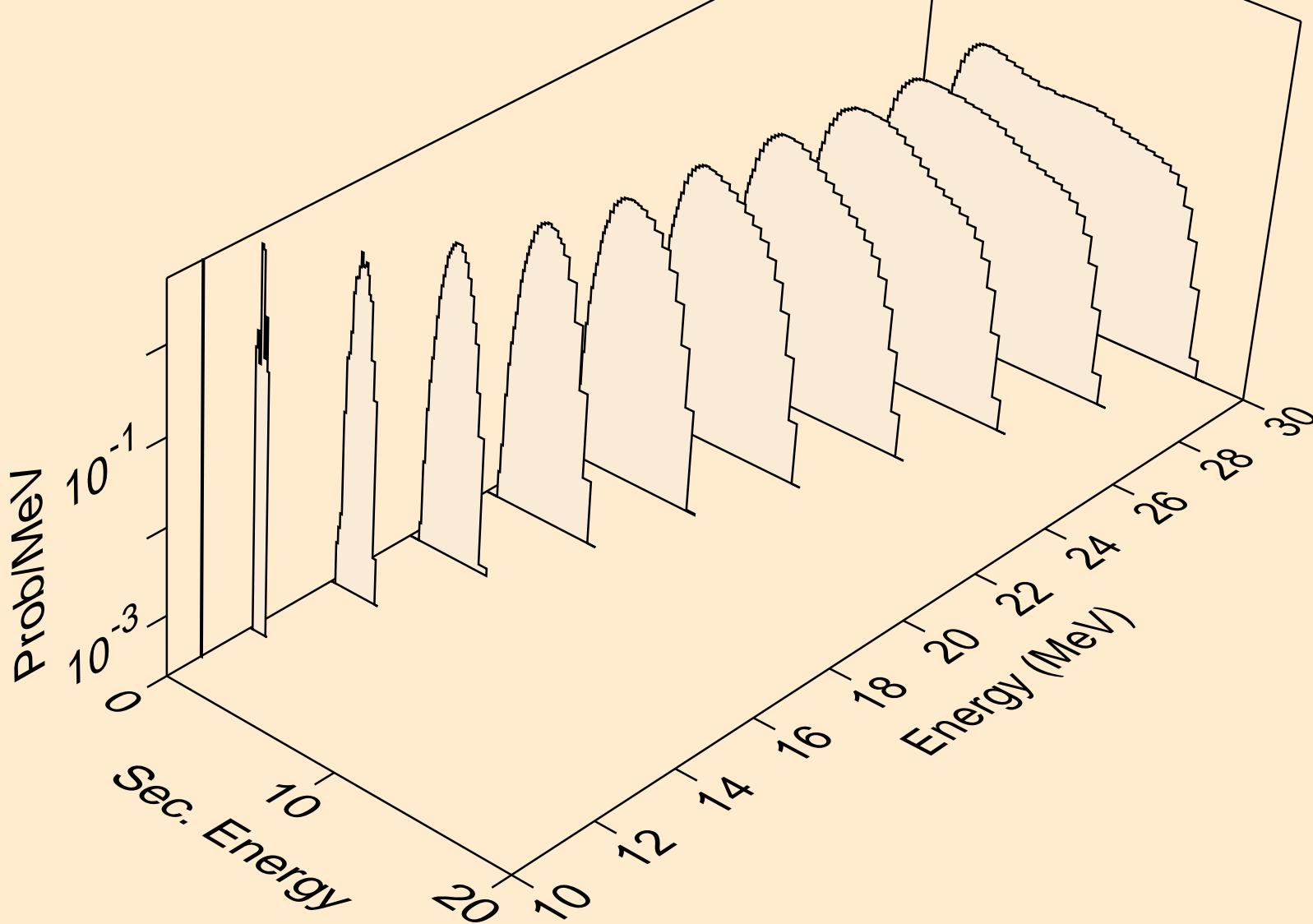
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
protons from (n,npa)



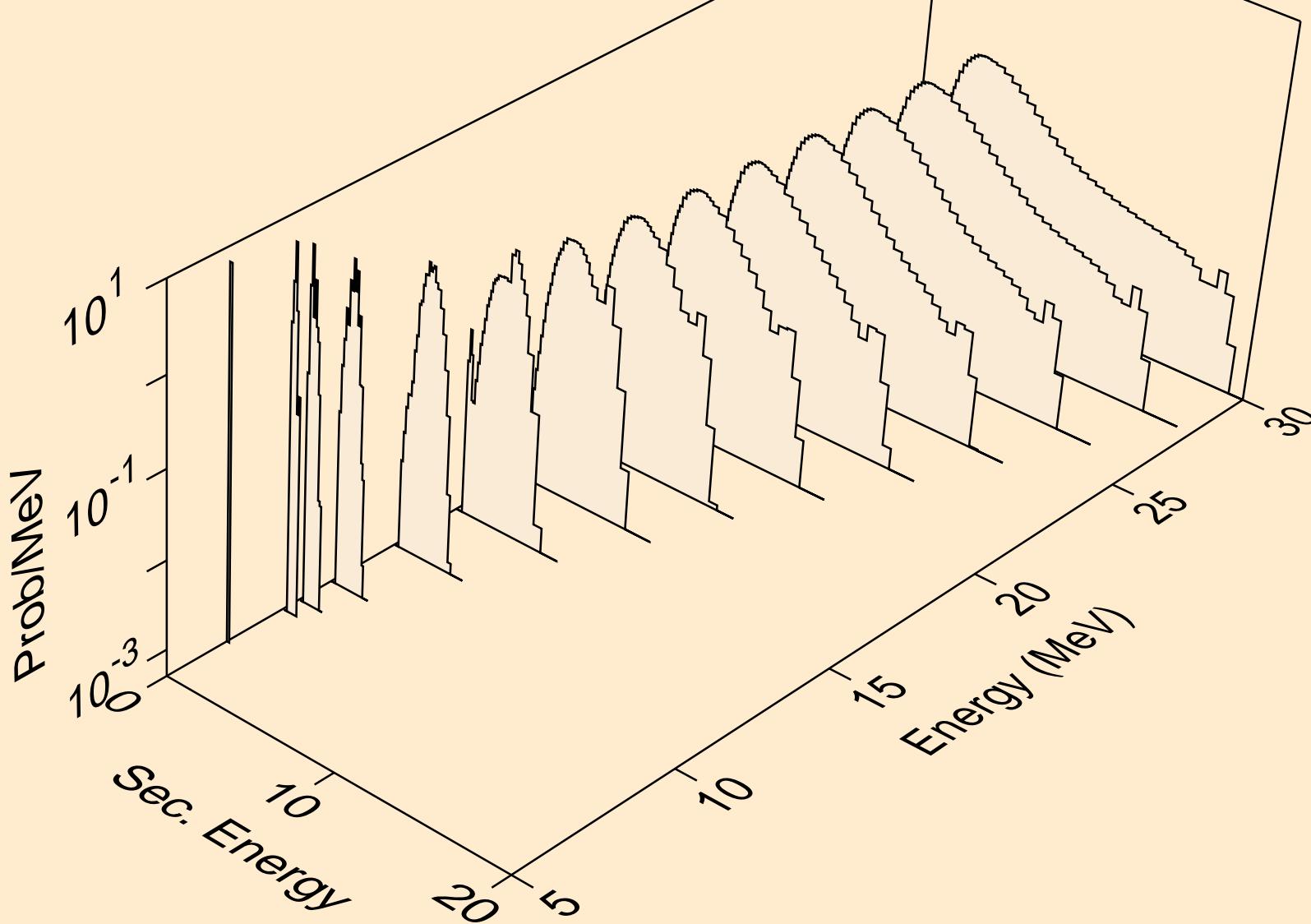
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protons from (n,p)



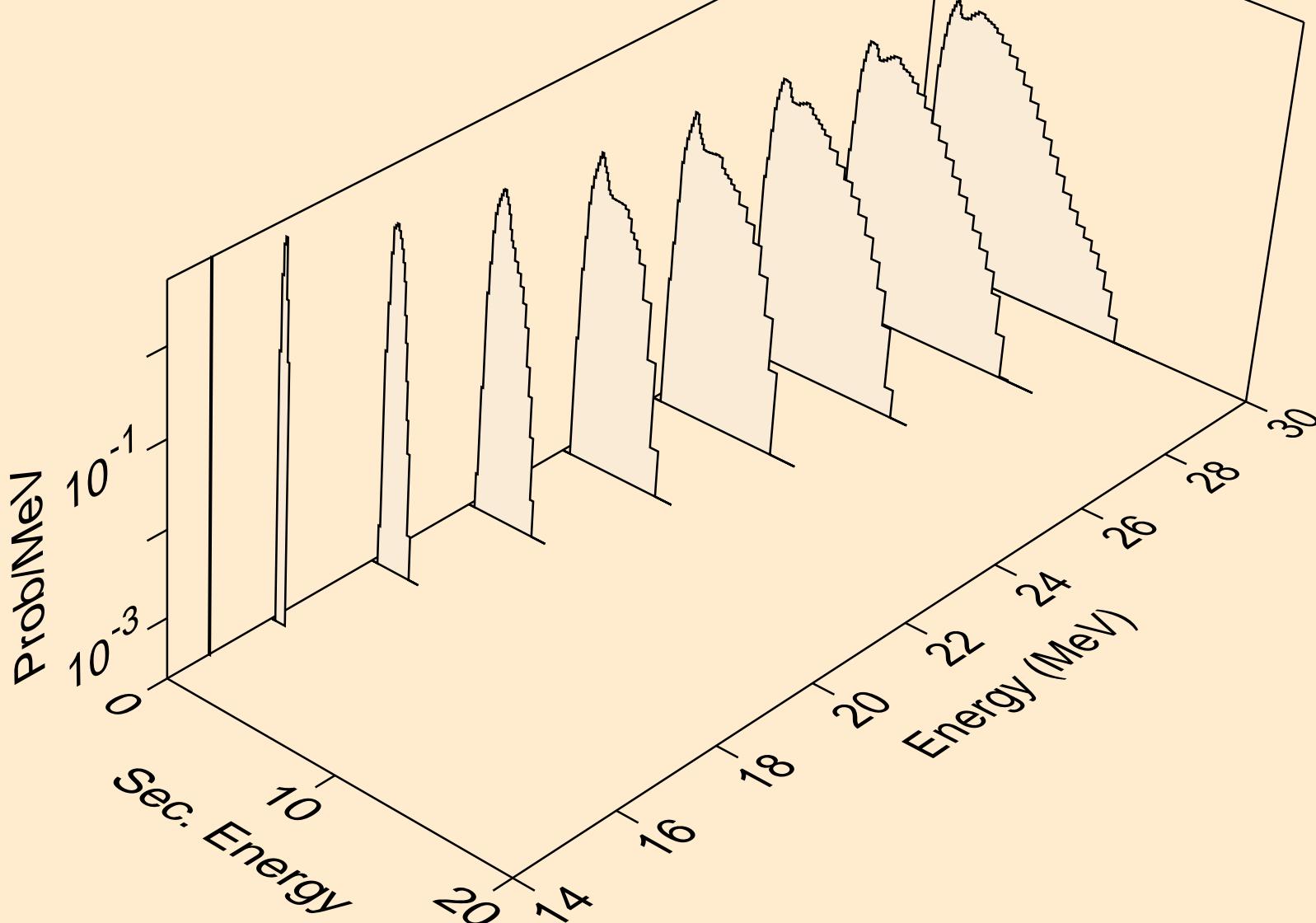
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
protons from ($n,2p$)



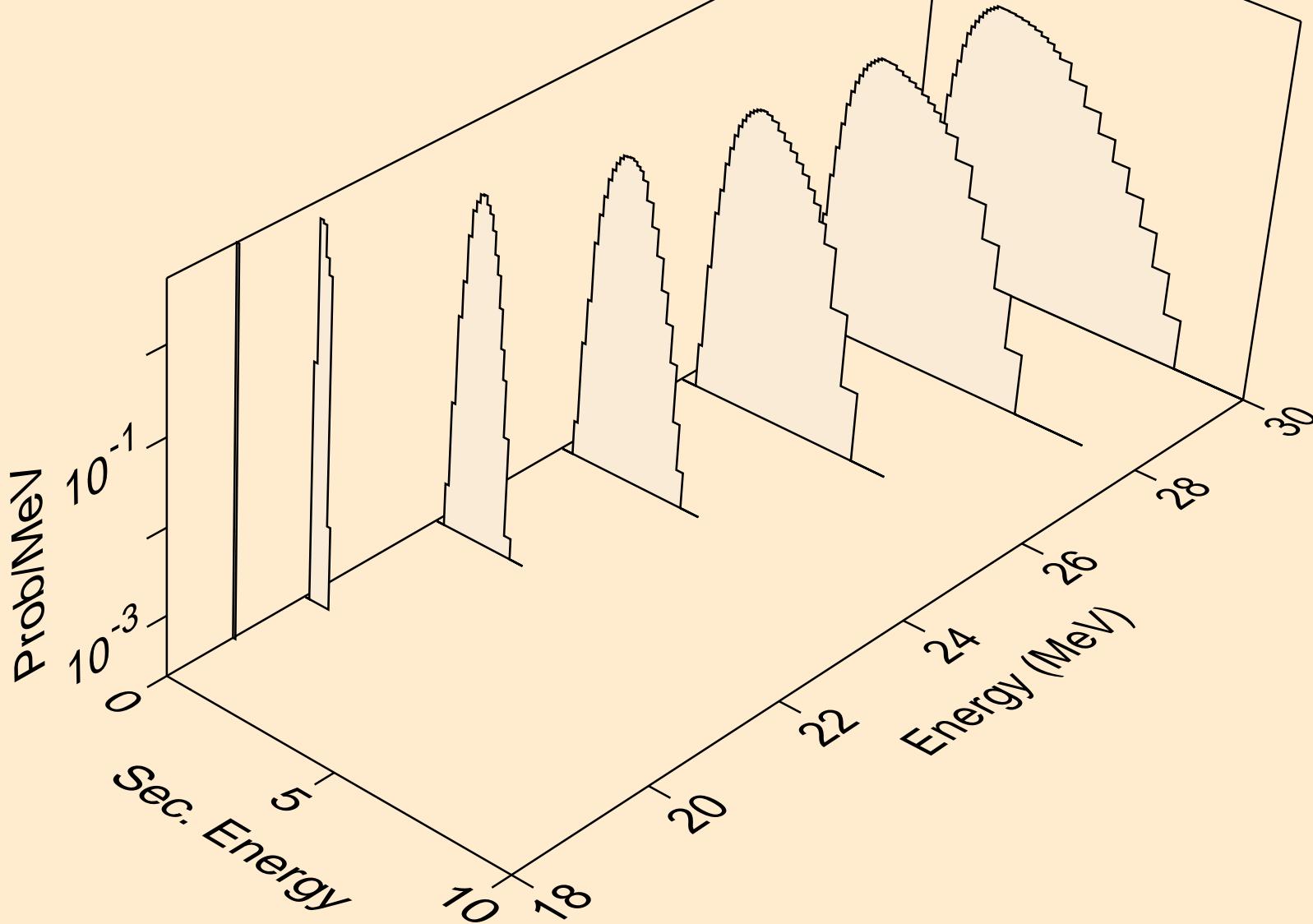
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
protons from (n,pa)



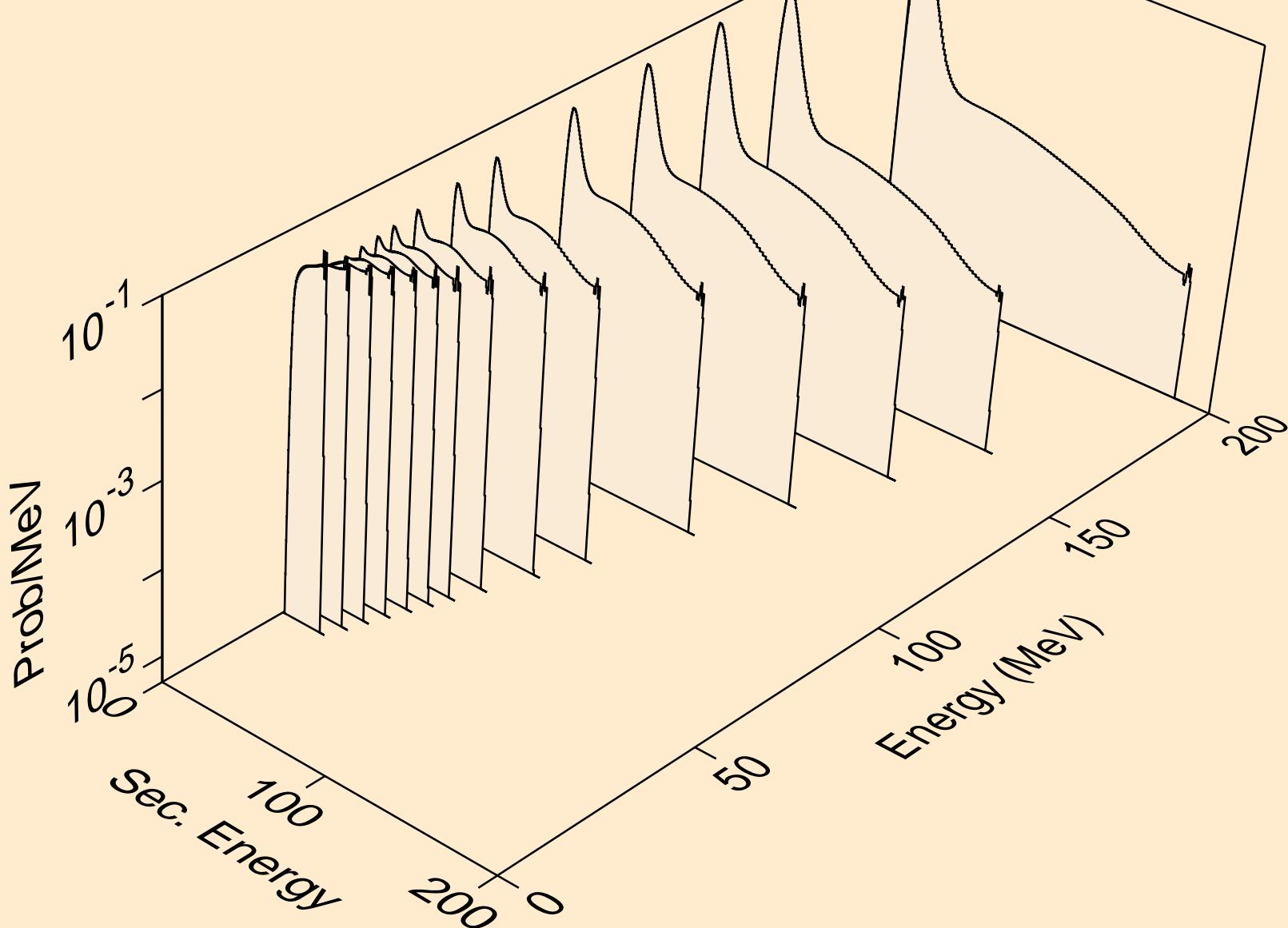
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
protons from (n,pd)



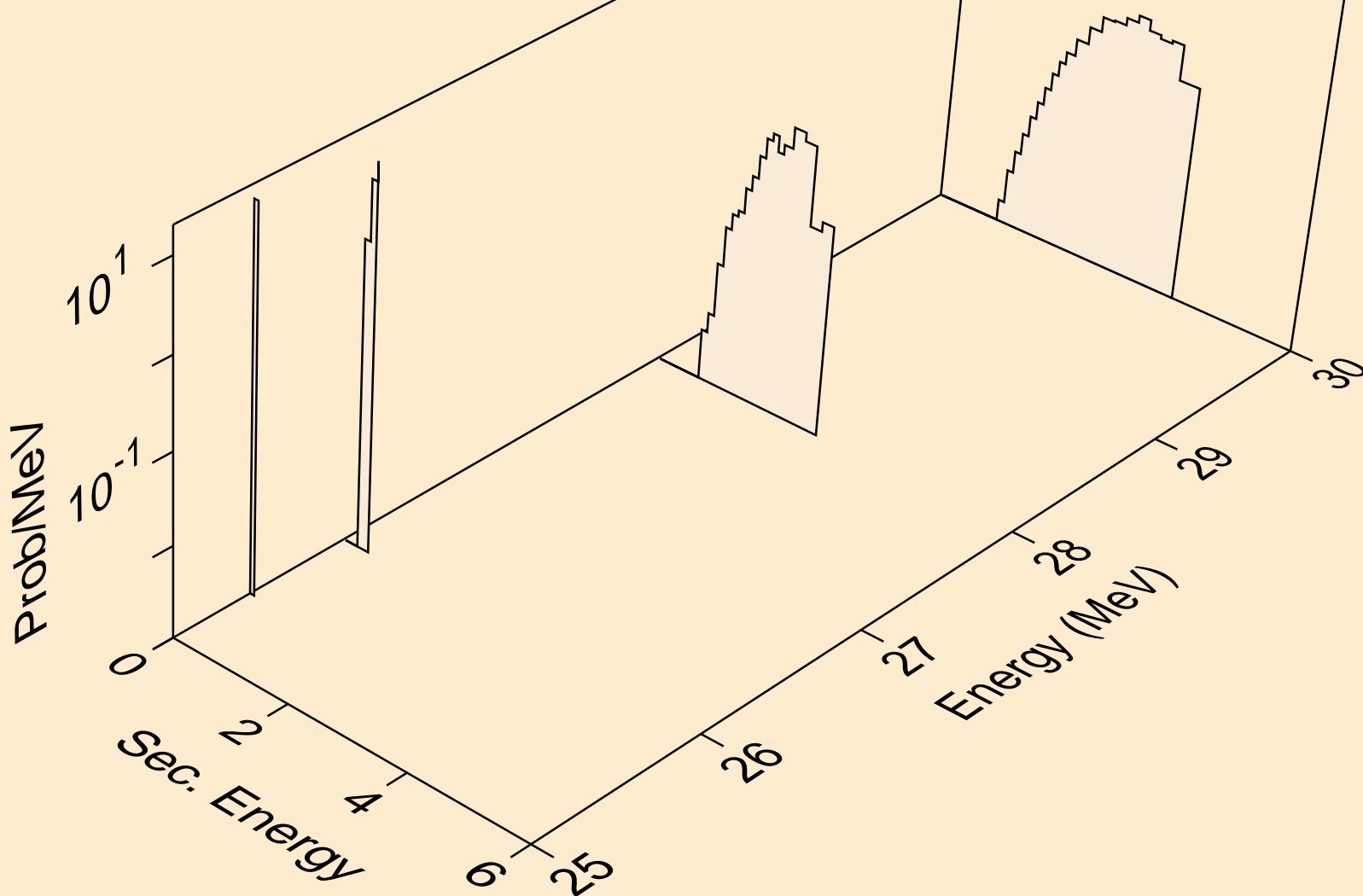
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
protons from (n,pt)



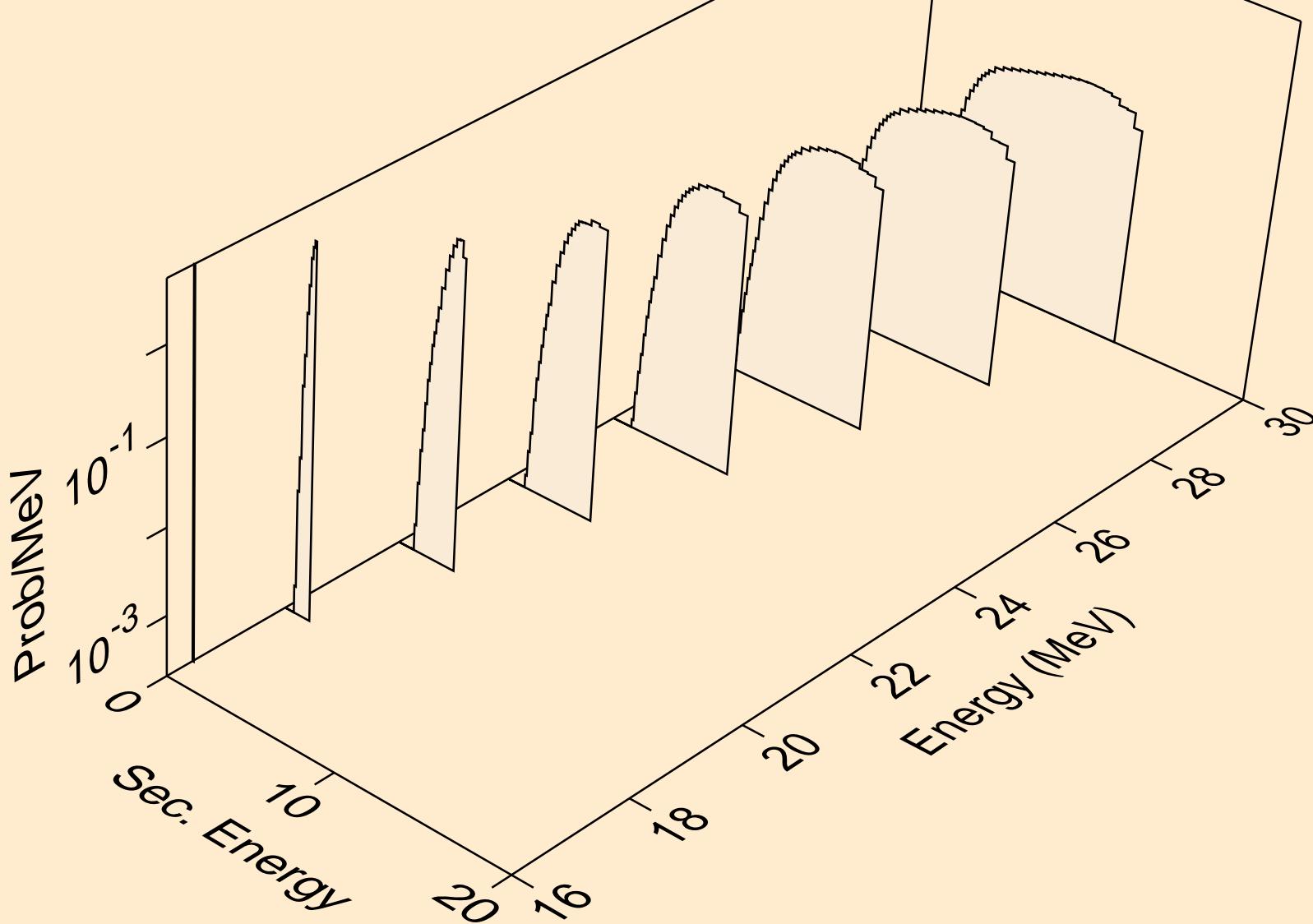
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
deuterons from (n,x)



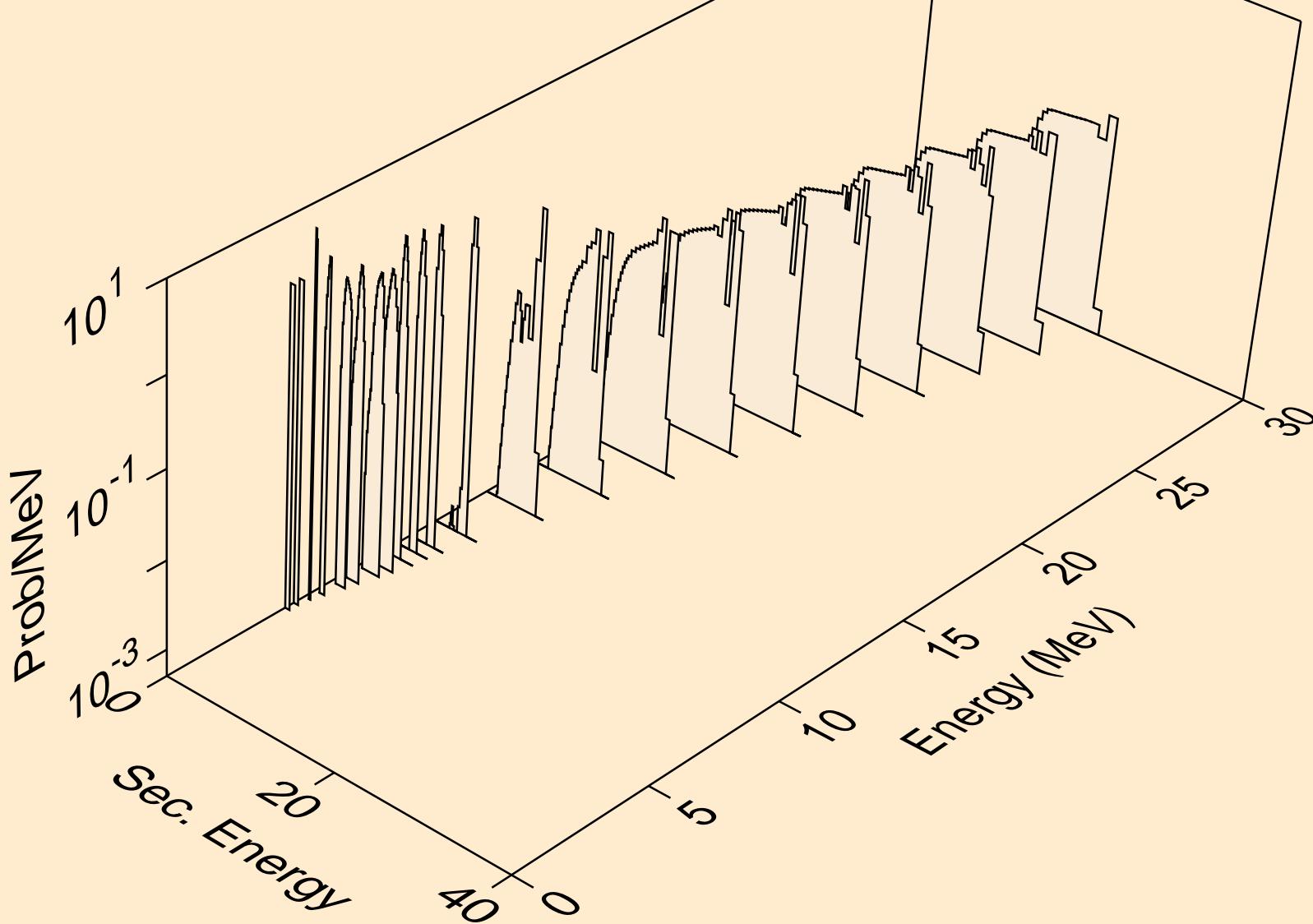
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
deuterons from ($n,2nd$)



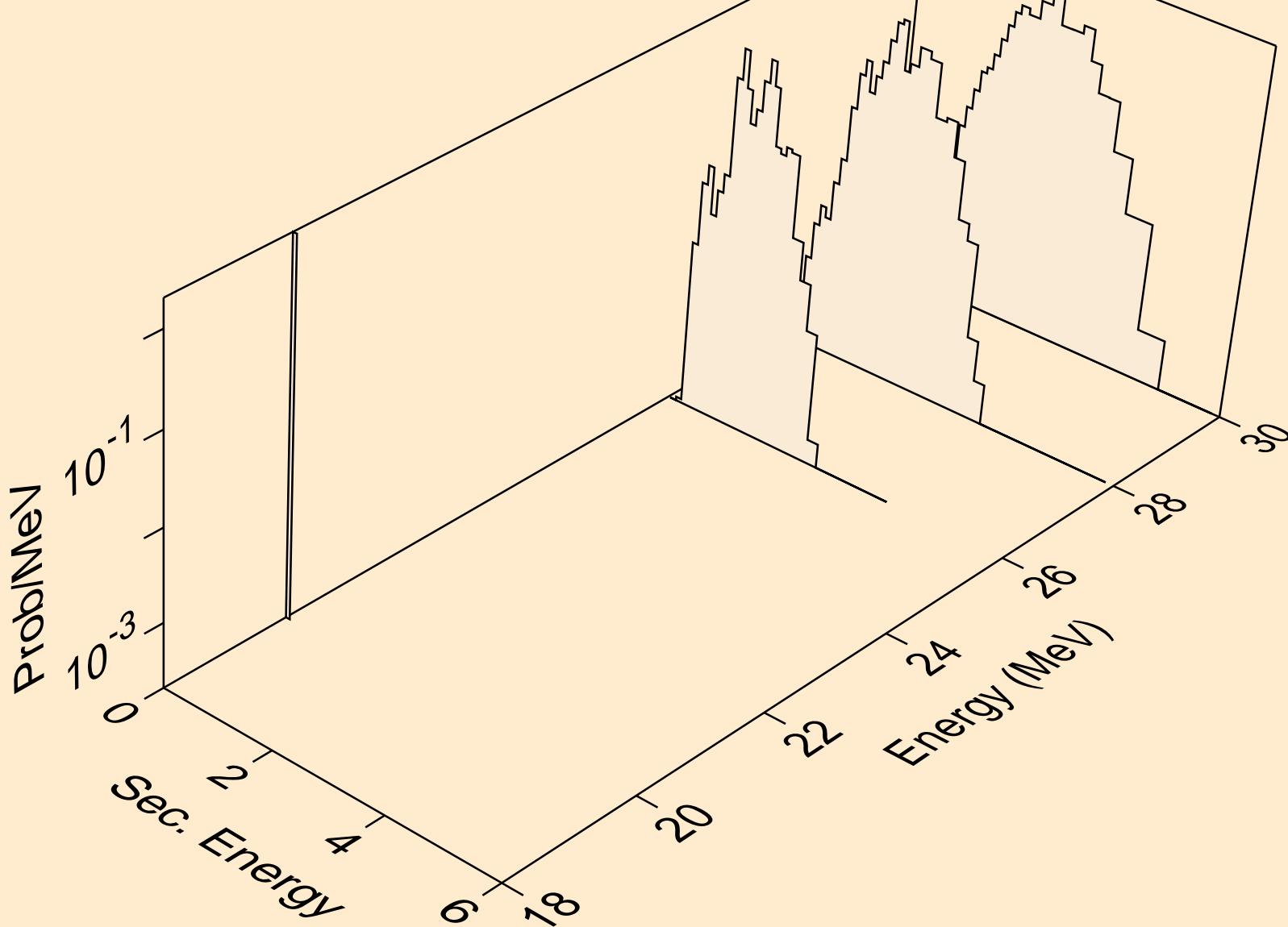
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deuterons from (n,nd)



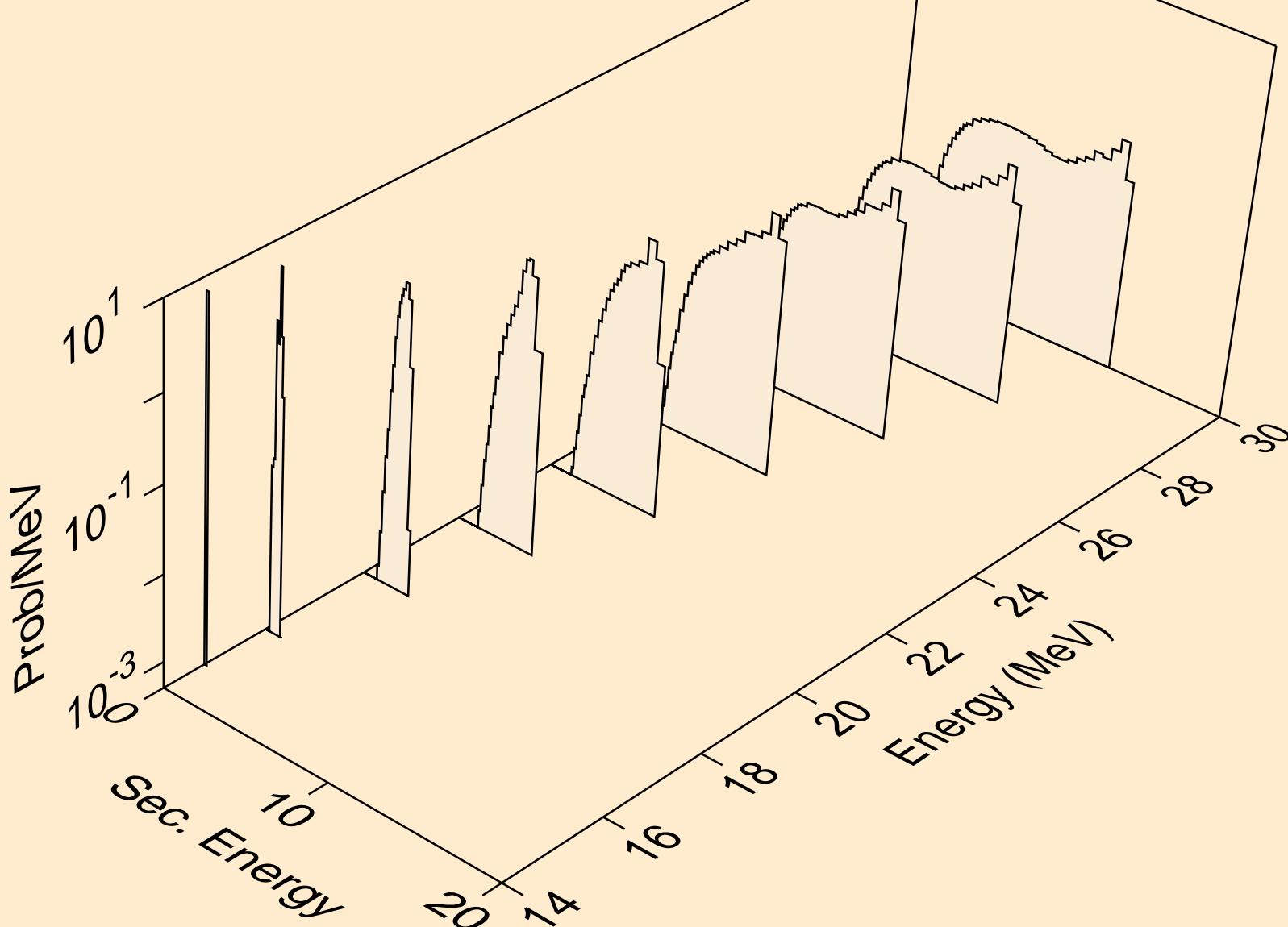
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deuterons from (n,d)



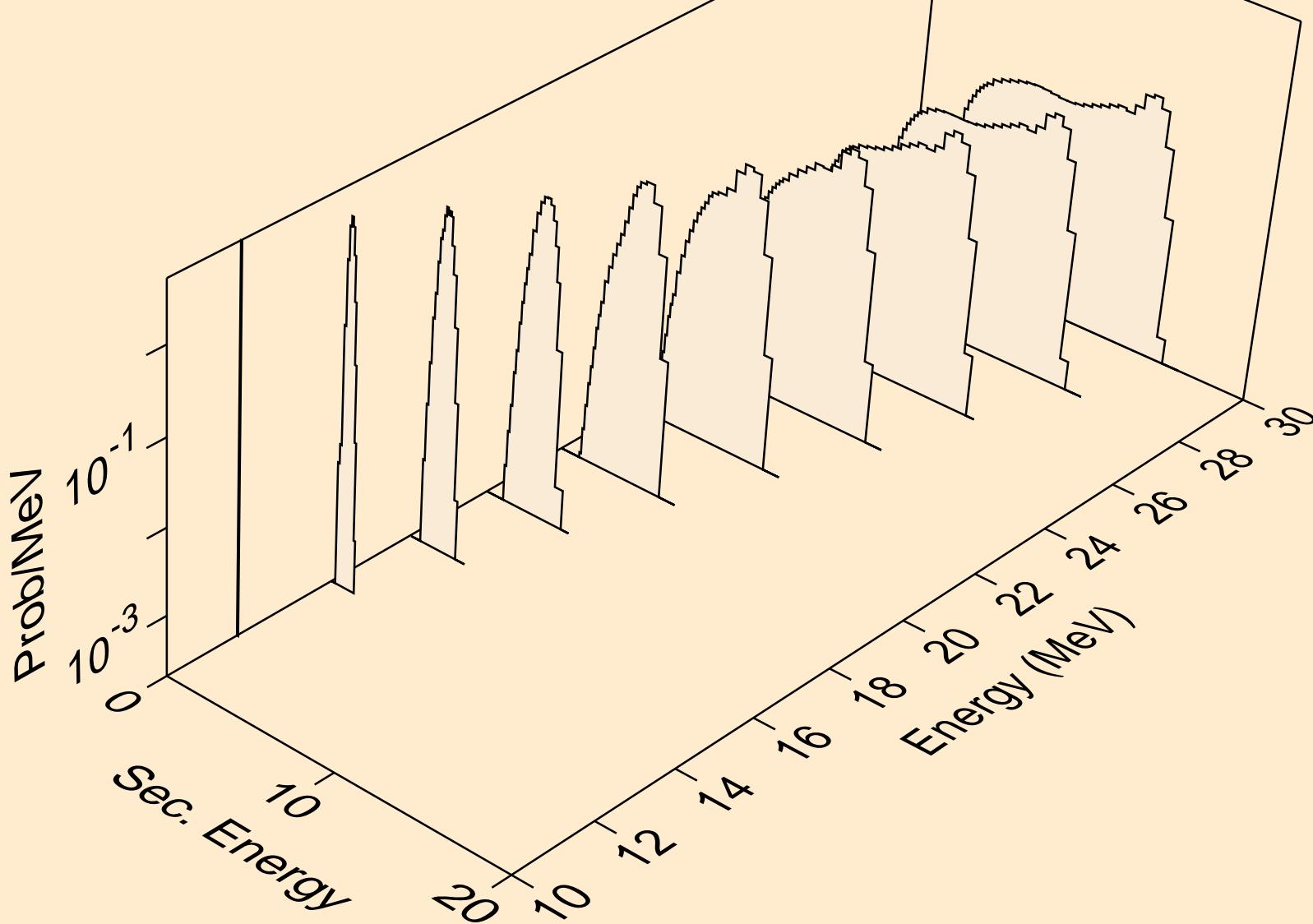
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
deuterons from (n, d_2a)



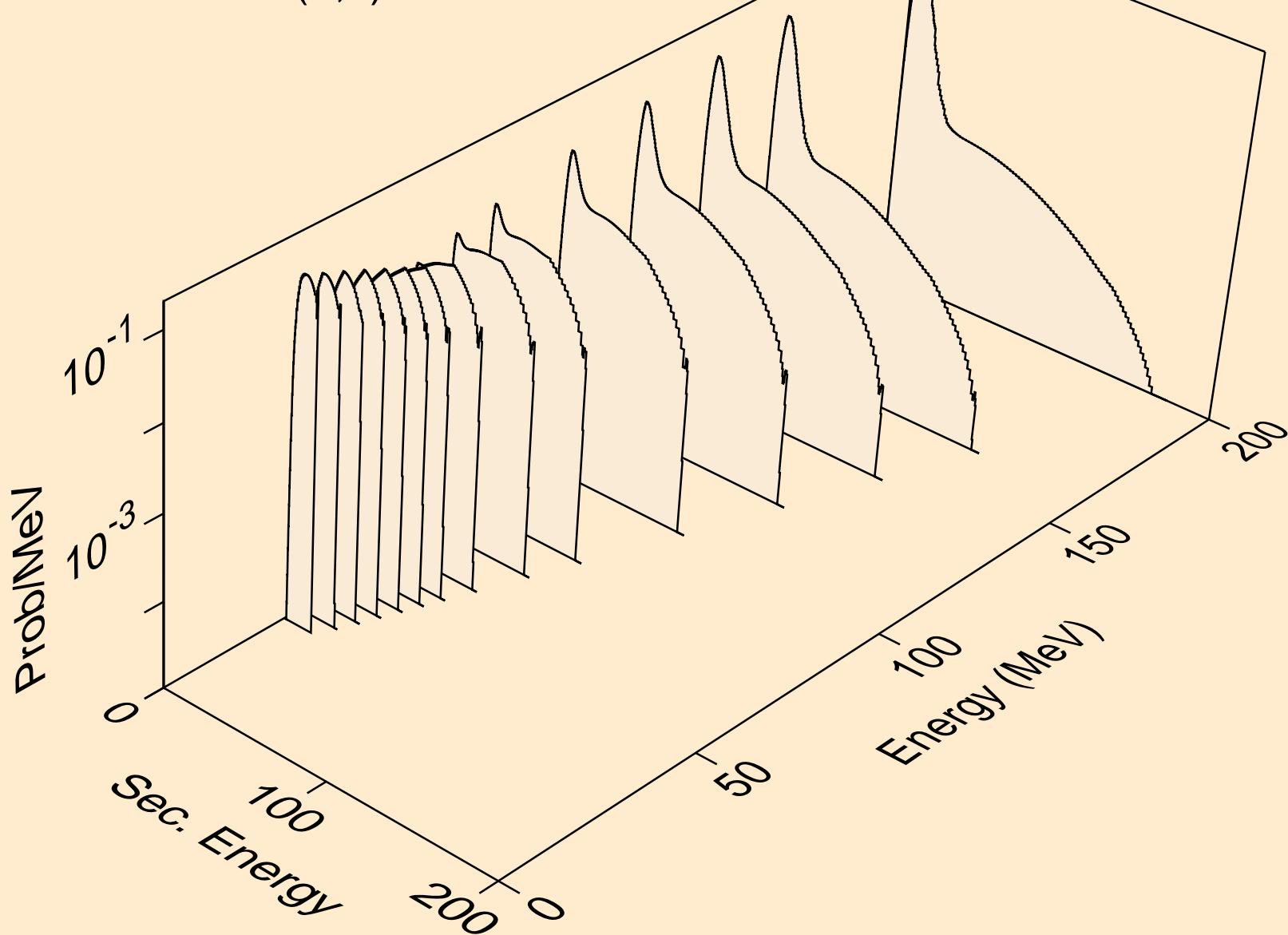
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
deuterons from (n, pd)



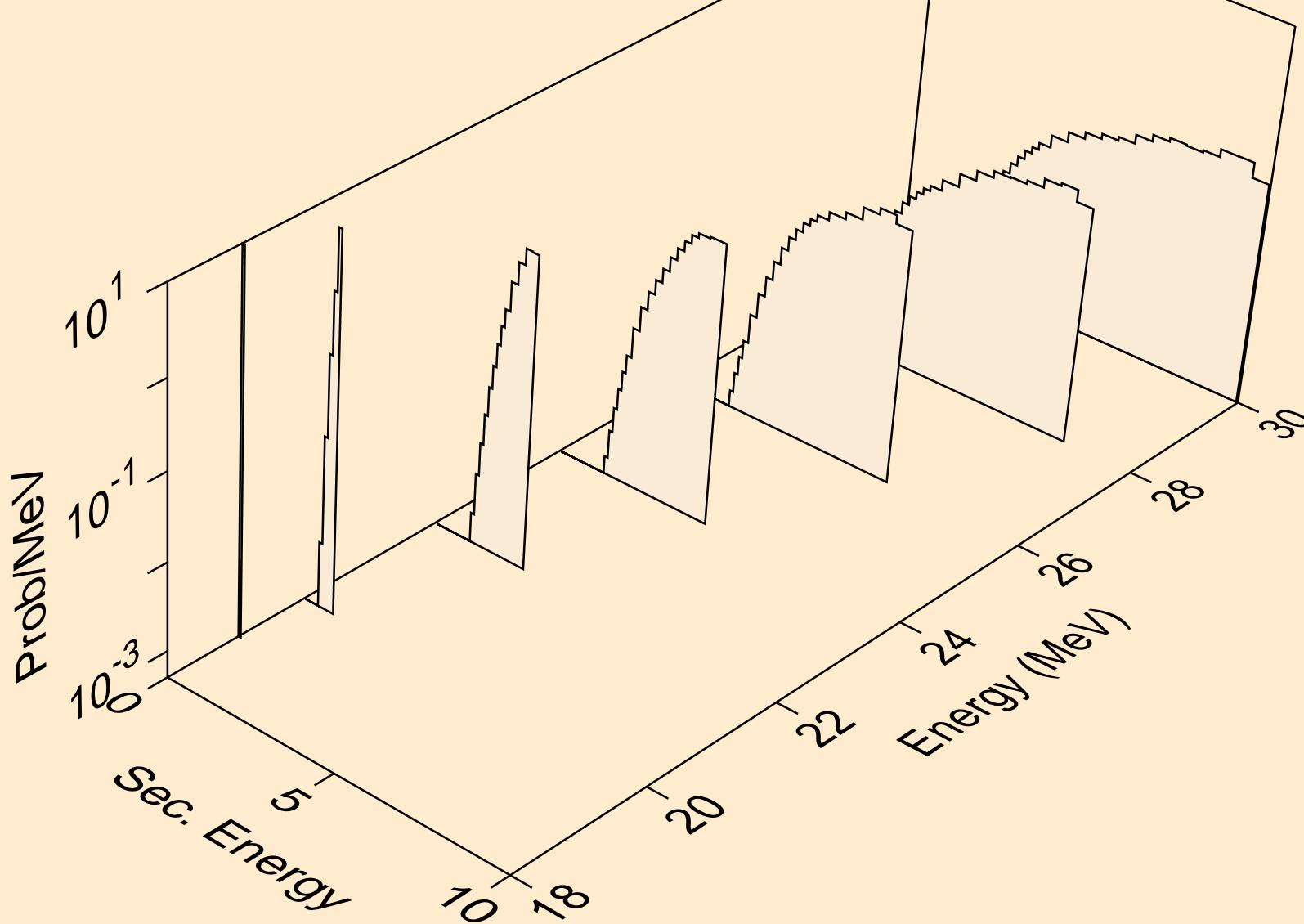
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deuterons from (n,da)



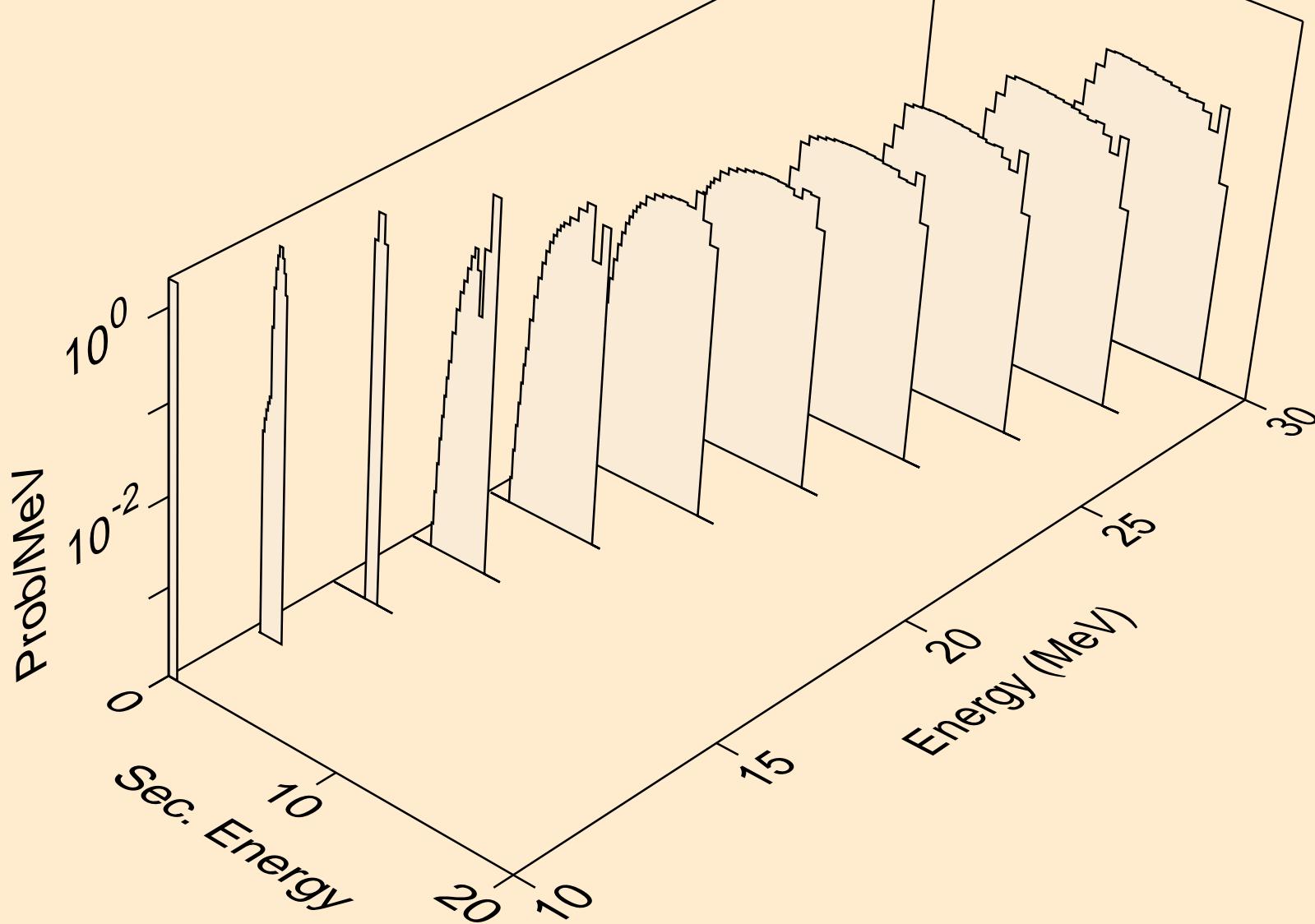
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
tritons from (n,x)



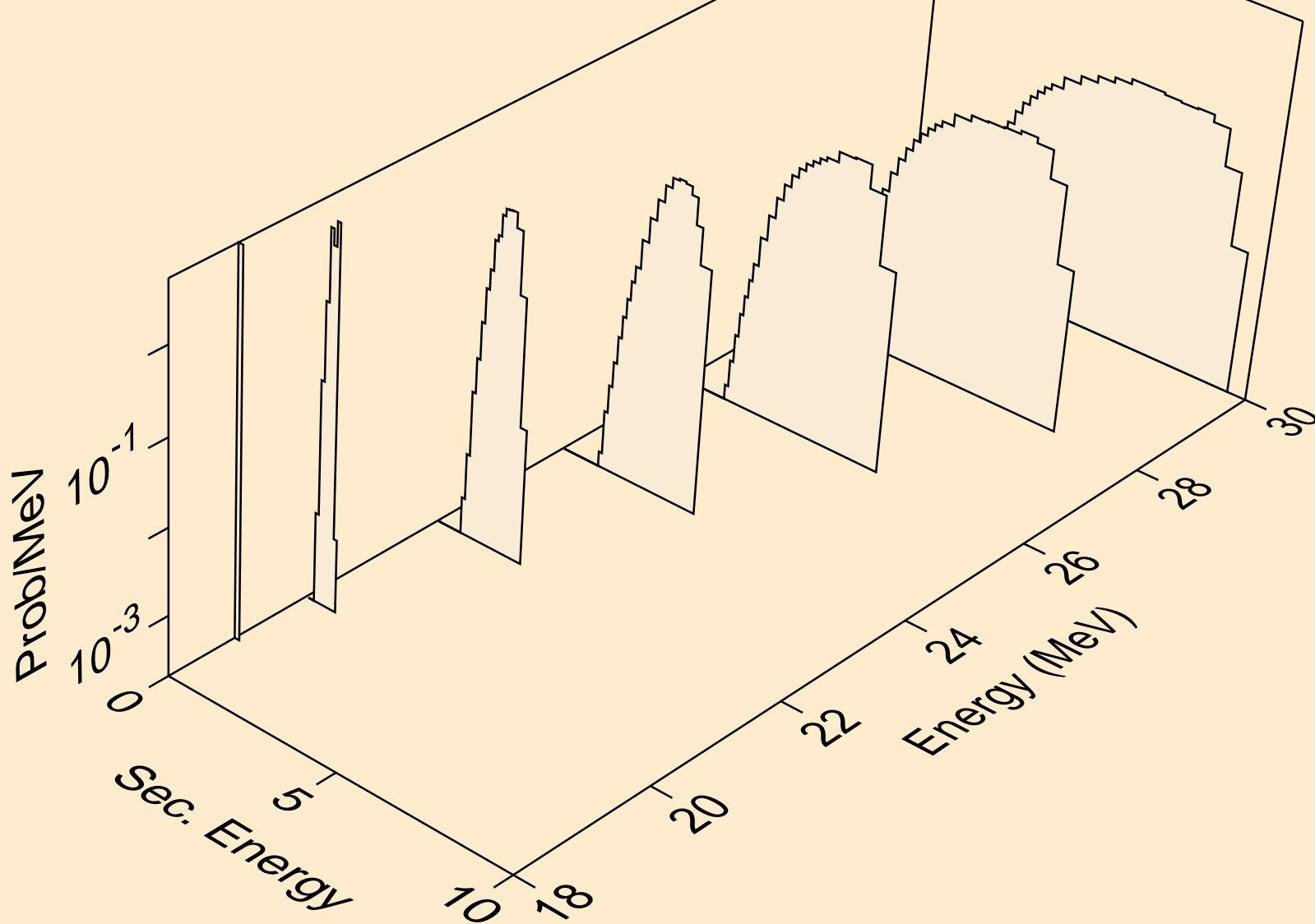
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tritons from (n,nt)



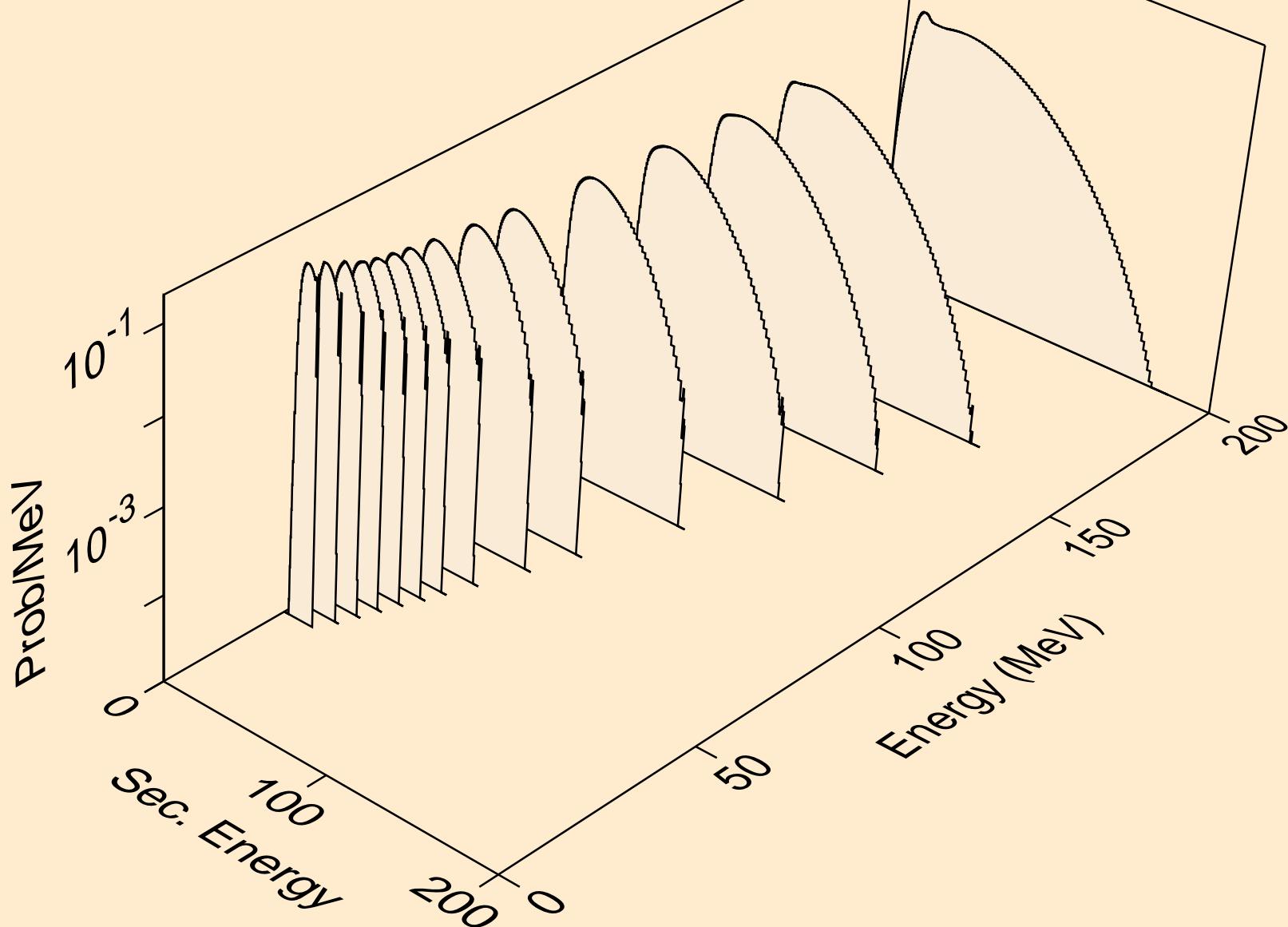
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tritons from (n,t)



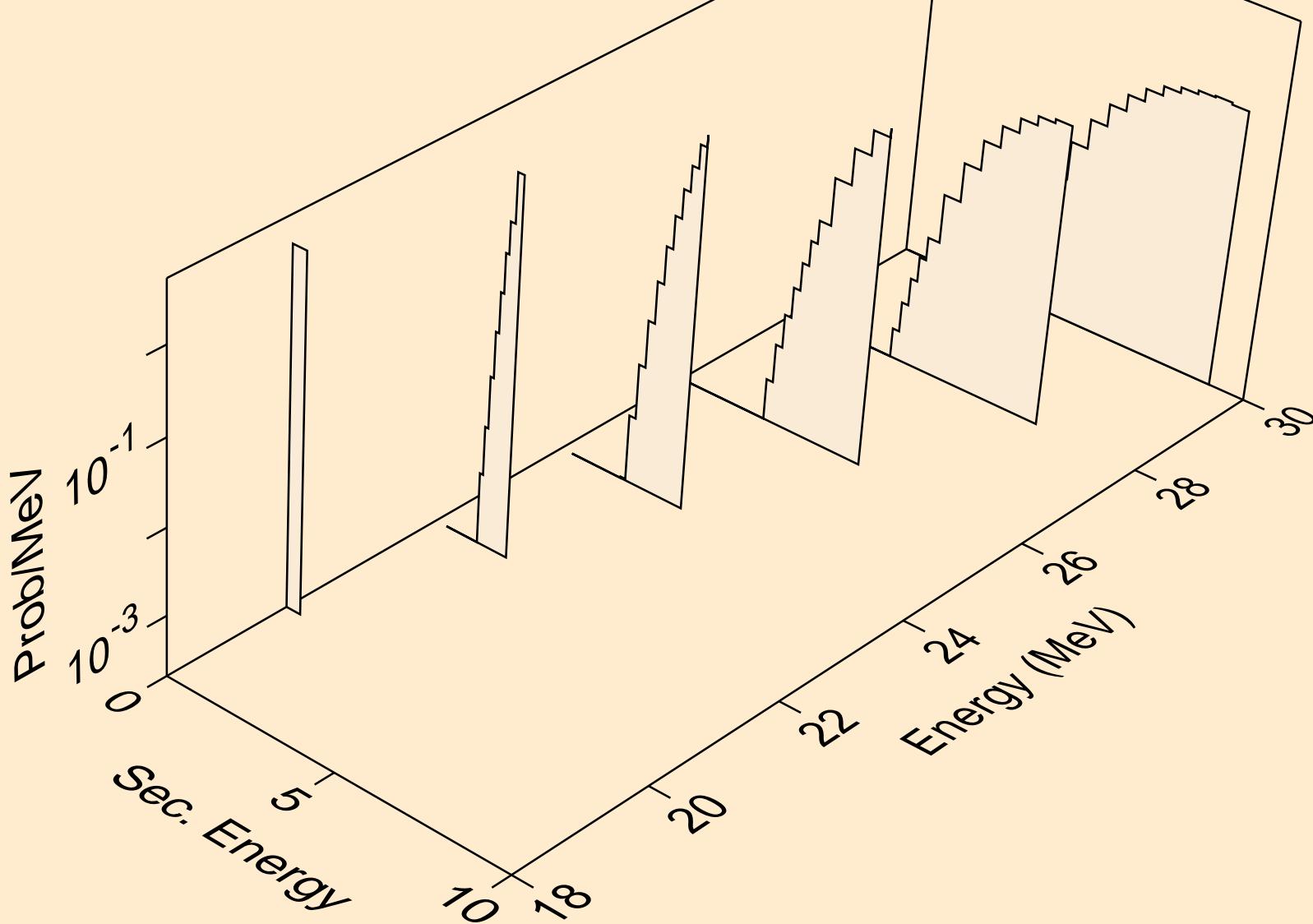
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tritons from (n,pt)



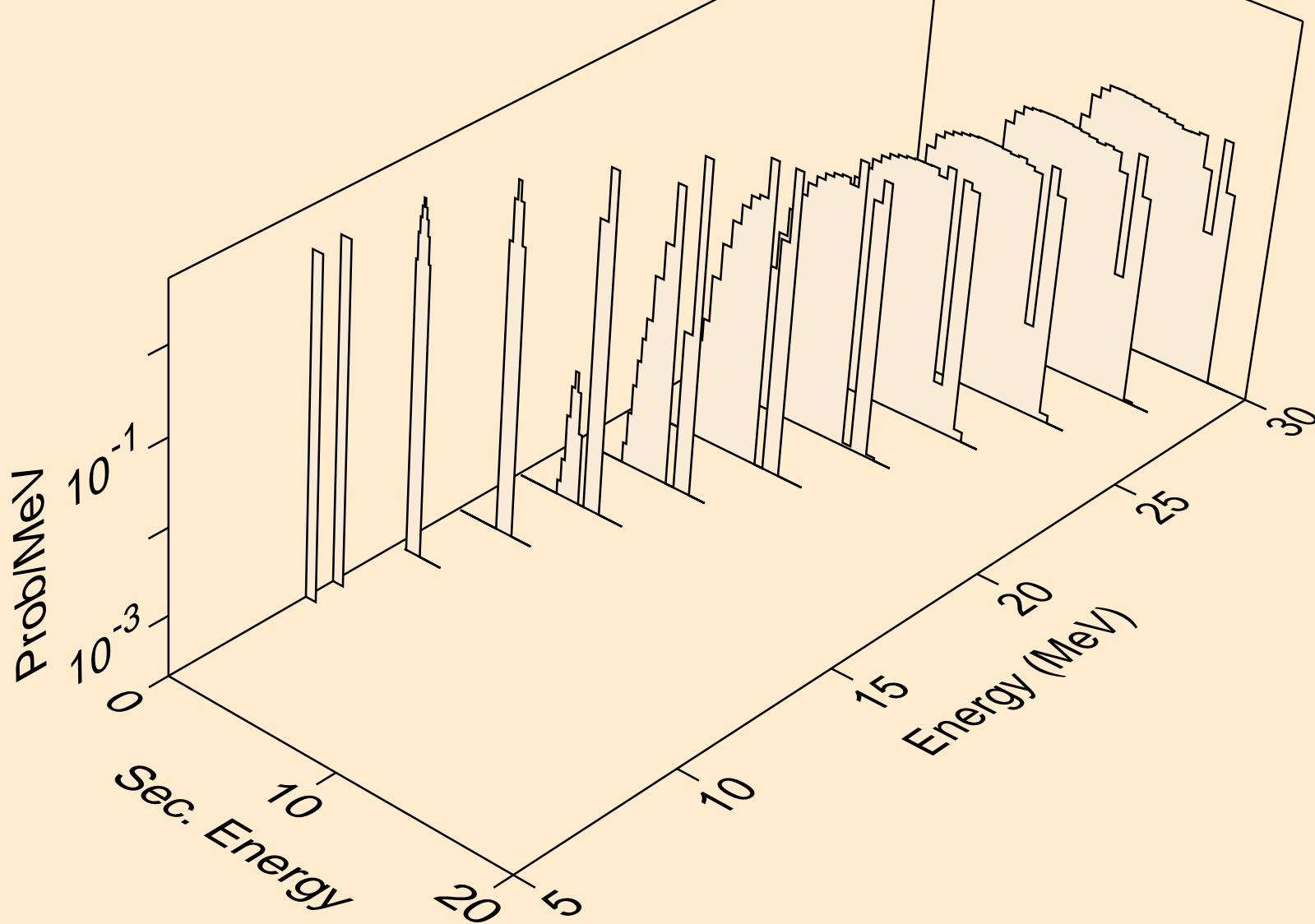
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he3s from (n,x)



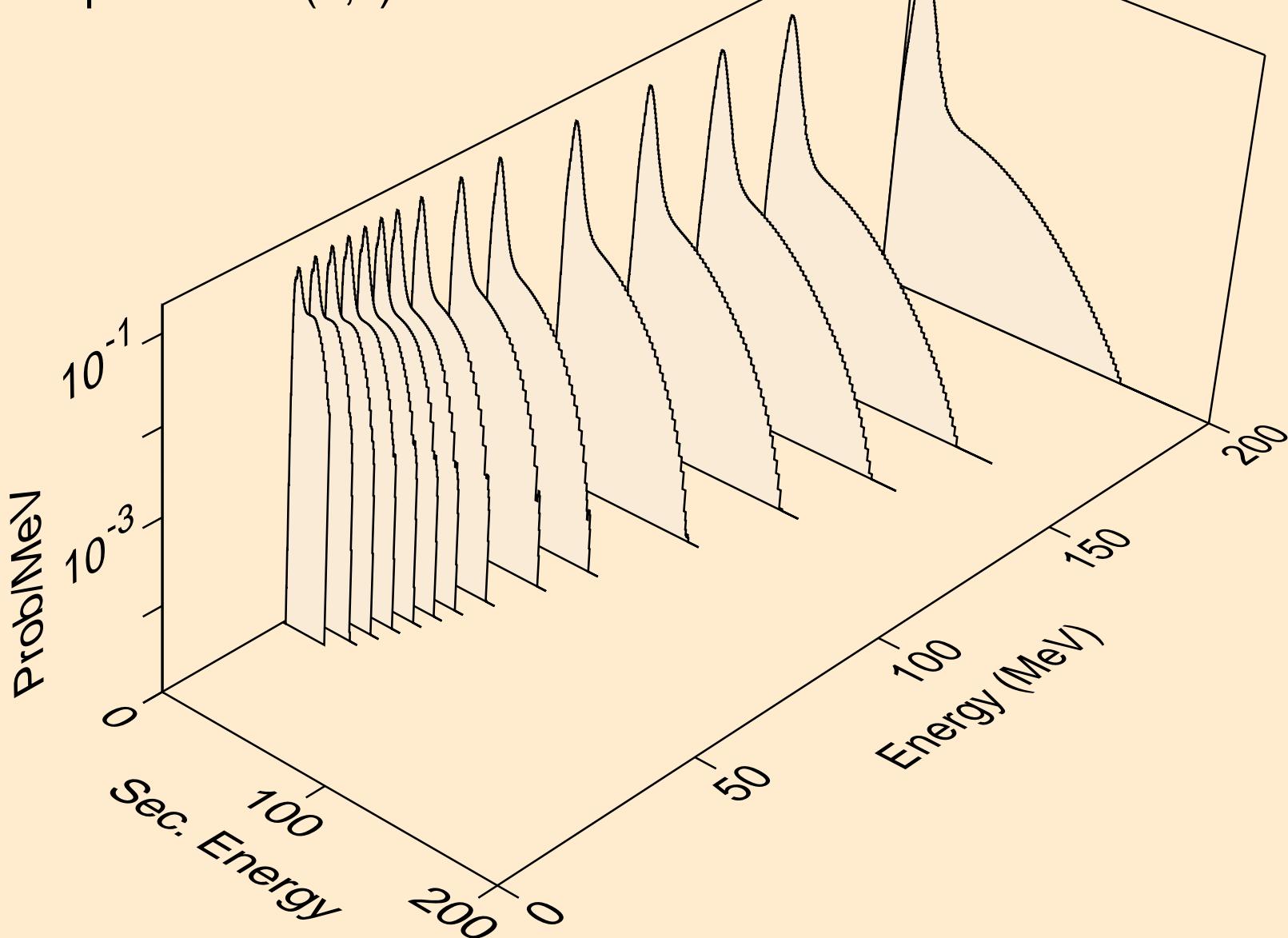
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he3s from (n,nhe3)



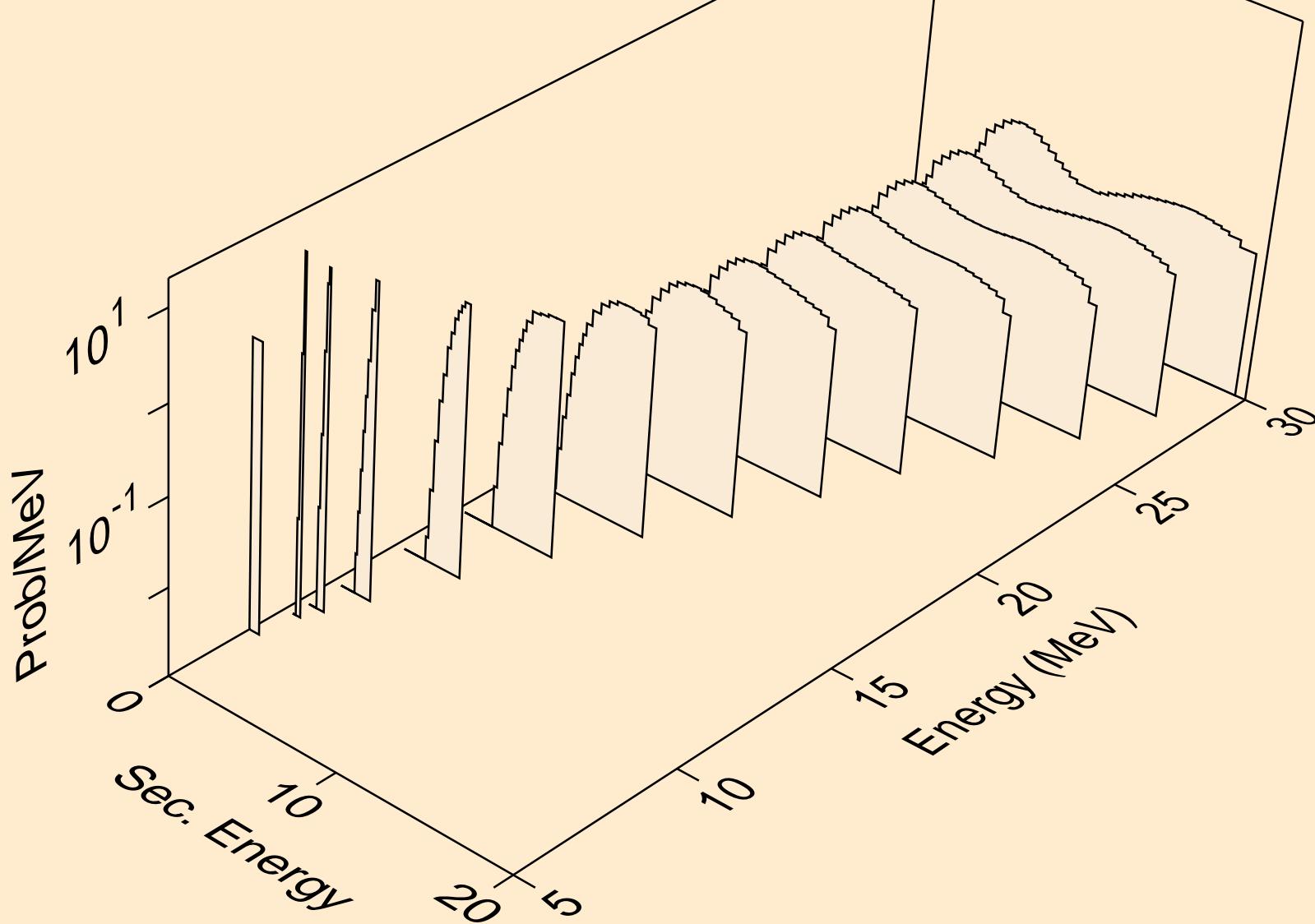
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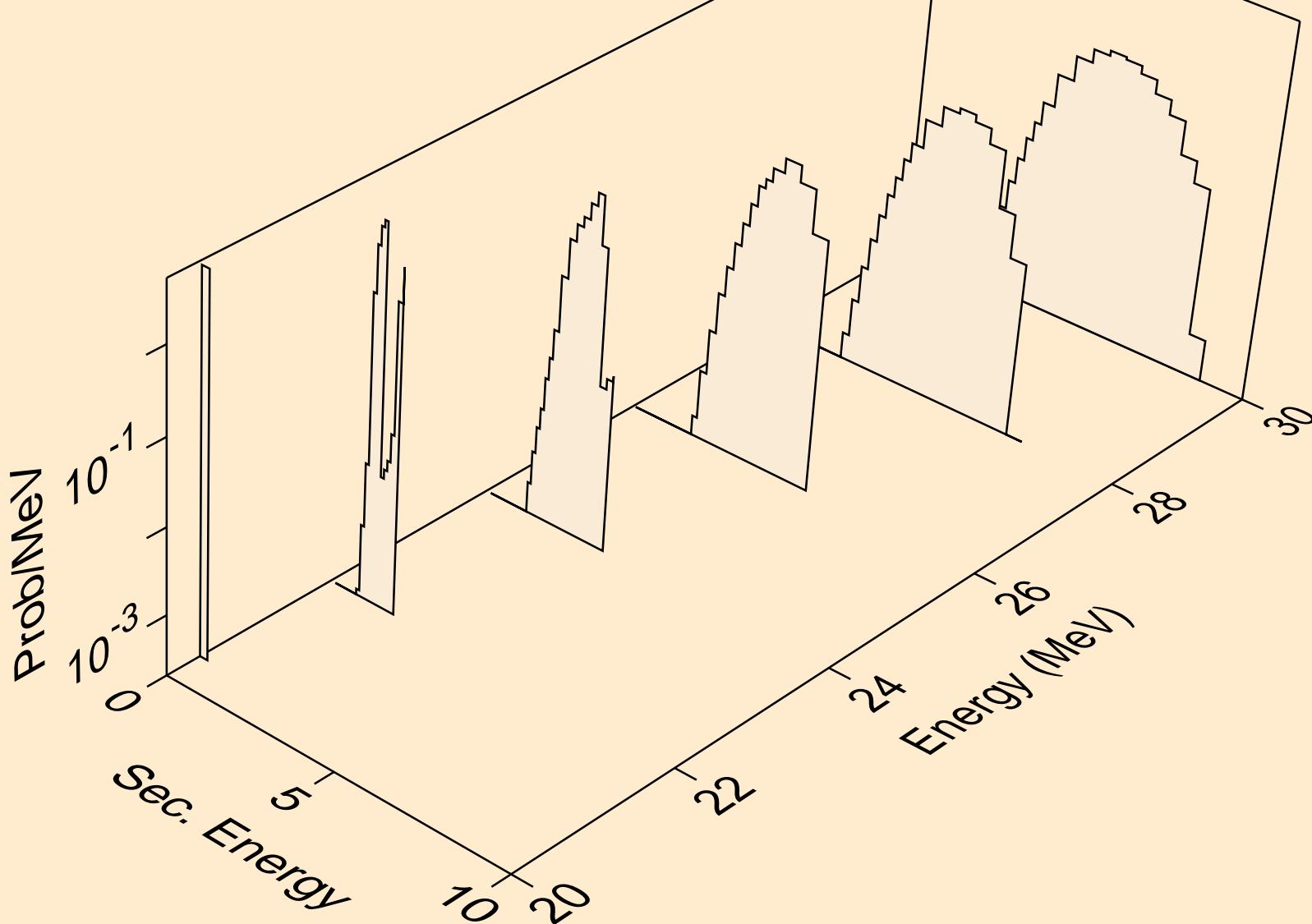
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alphas from (n,x)



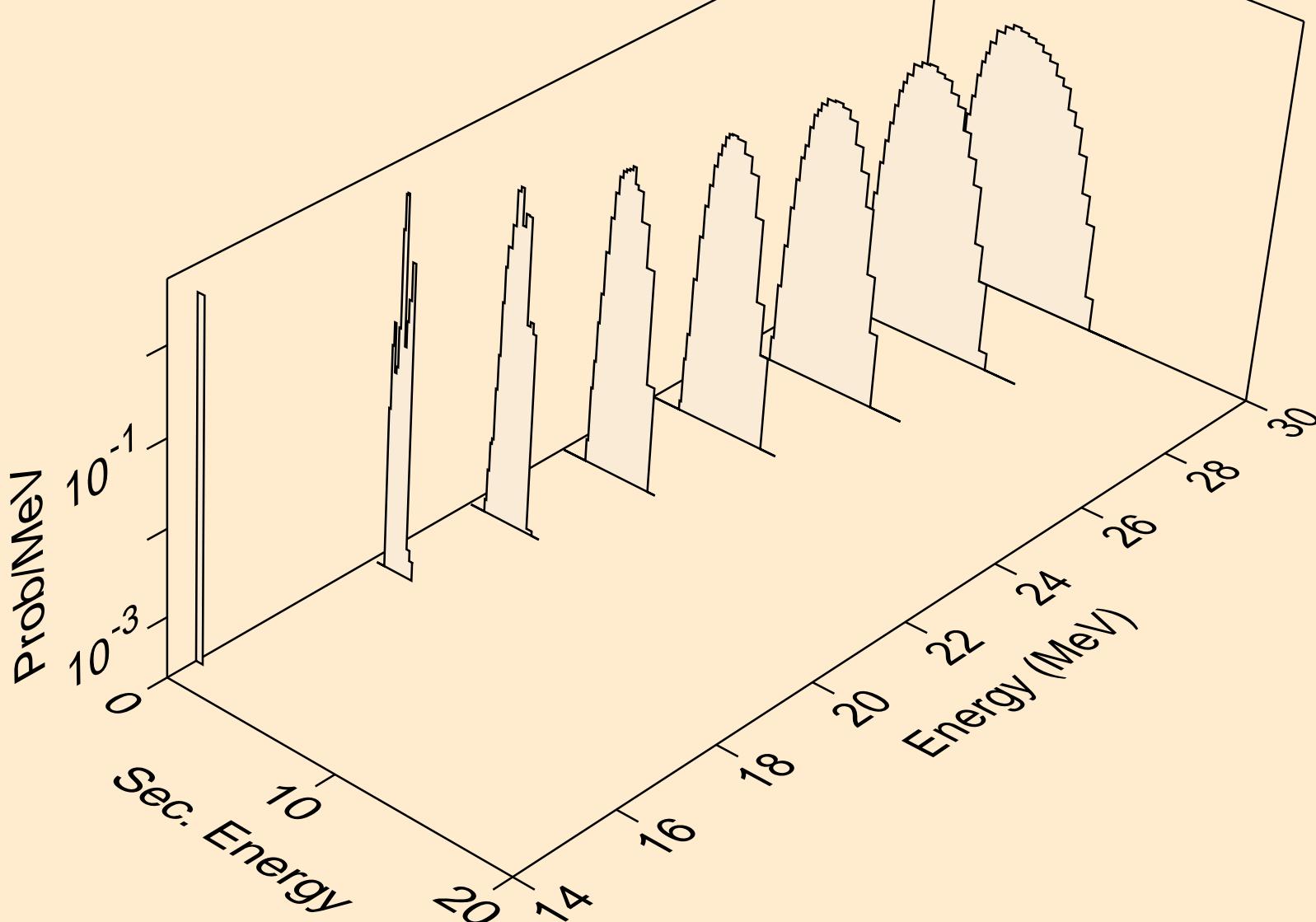
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alphas from (n,na)



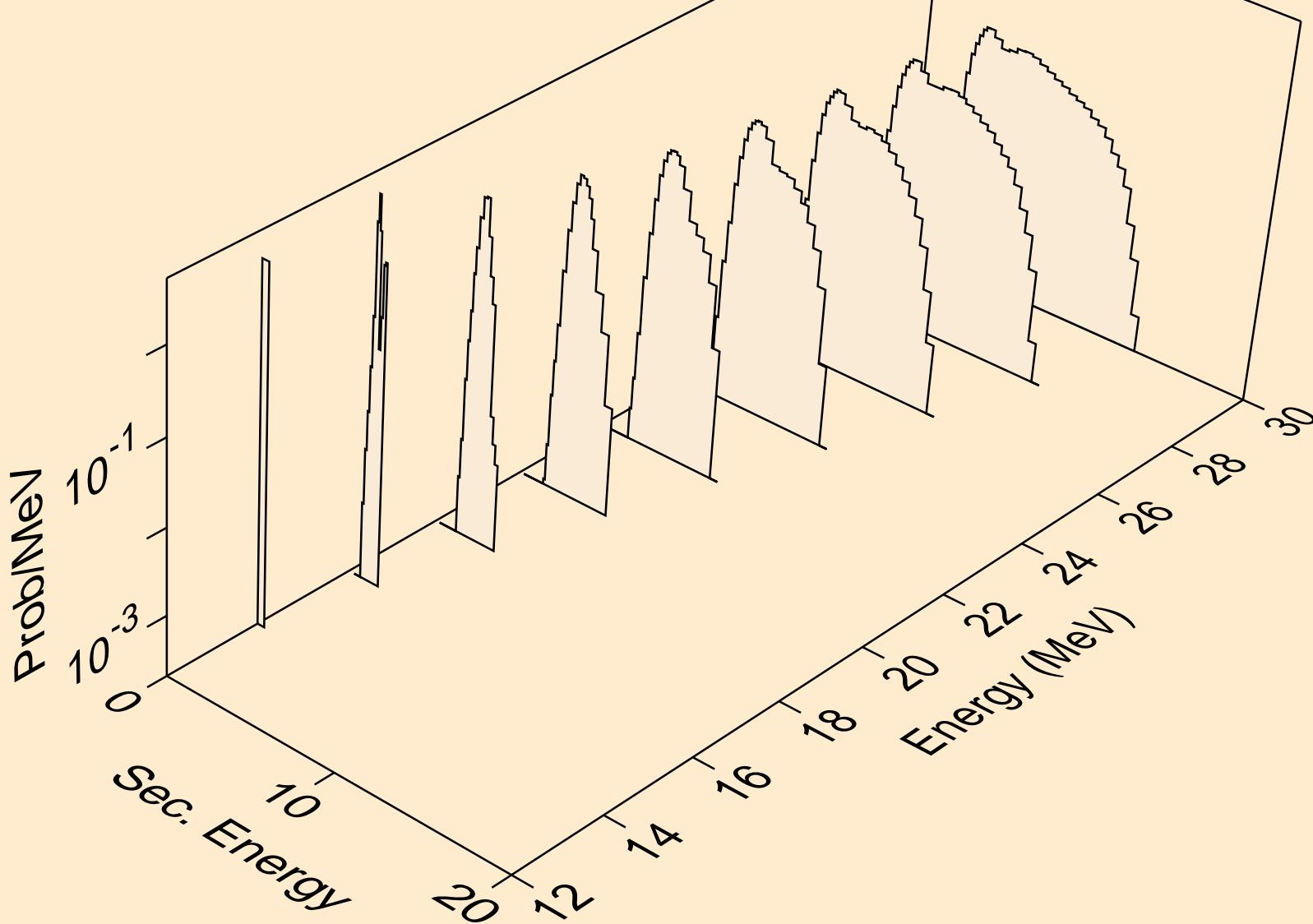
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alphas from (n,2na)



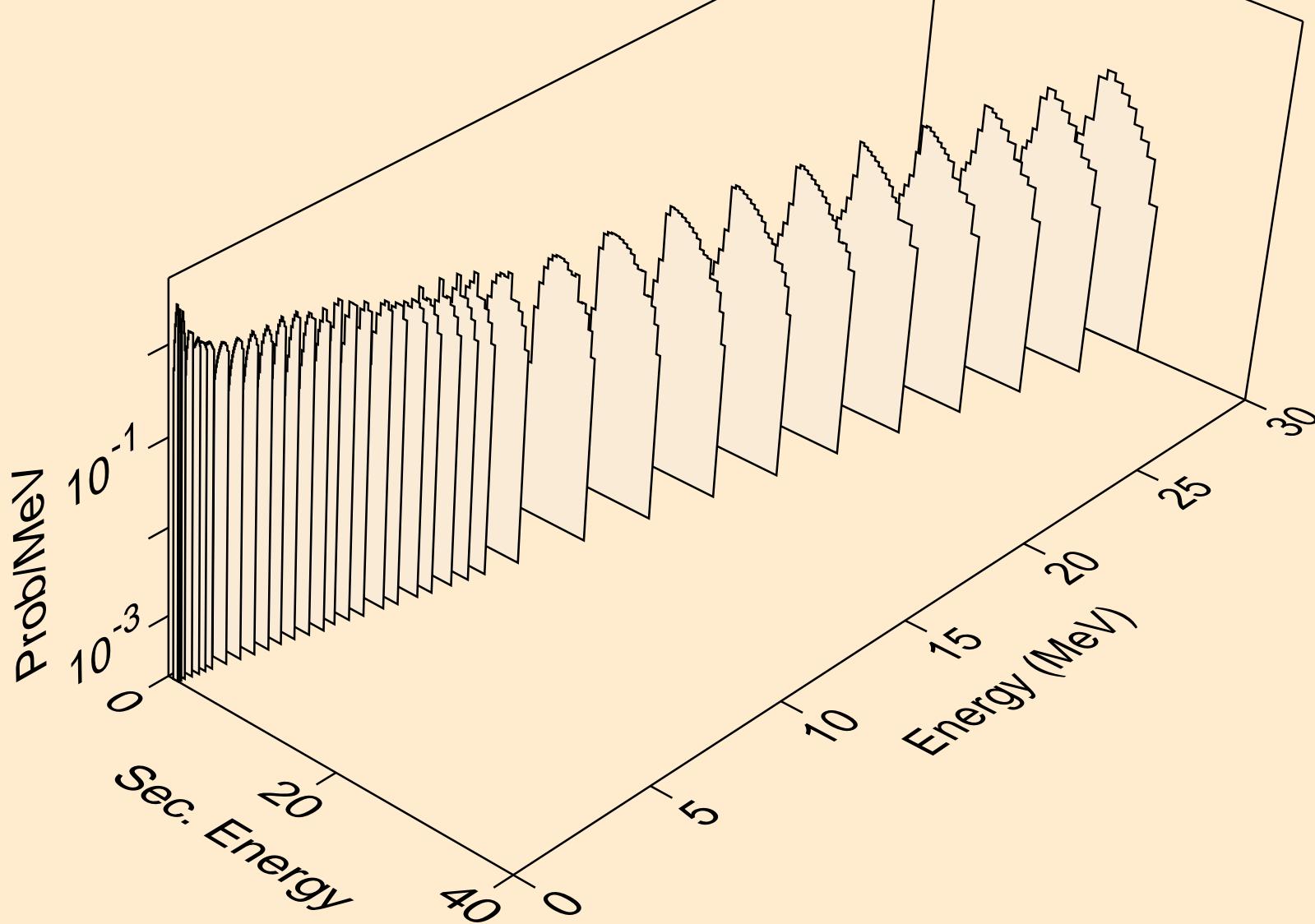
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alphas from (n,n2a)



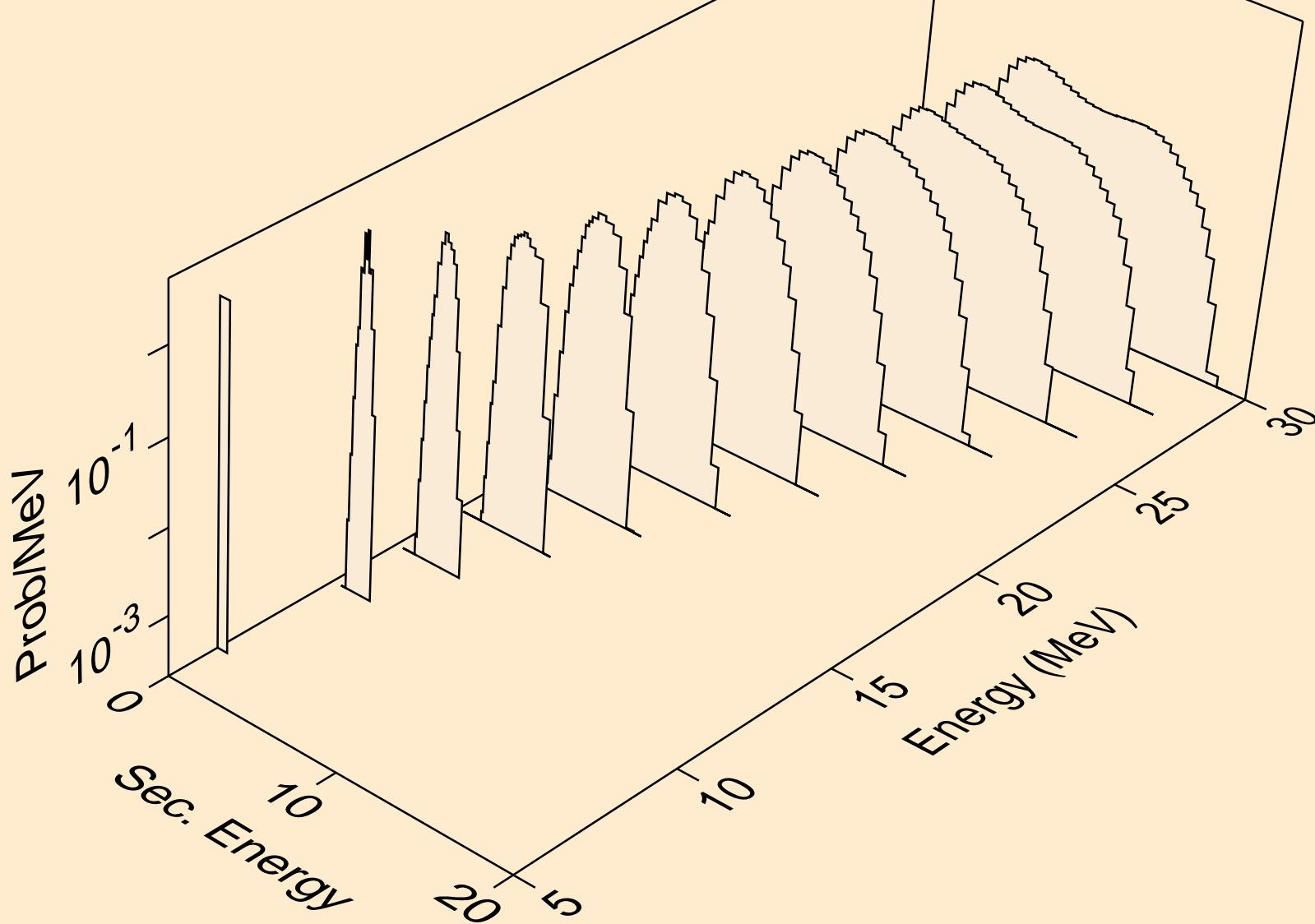
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
alphas from (n,npa)



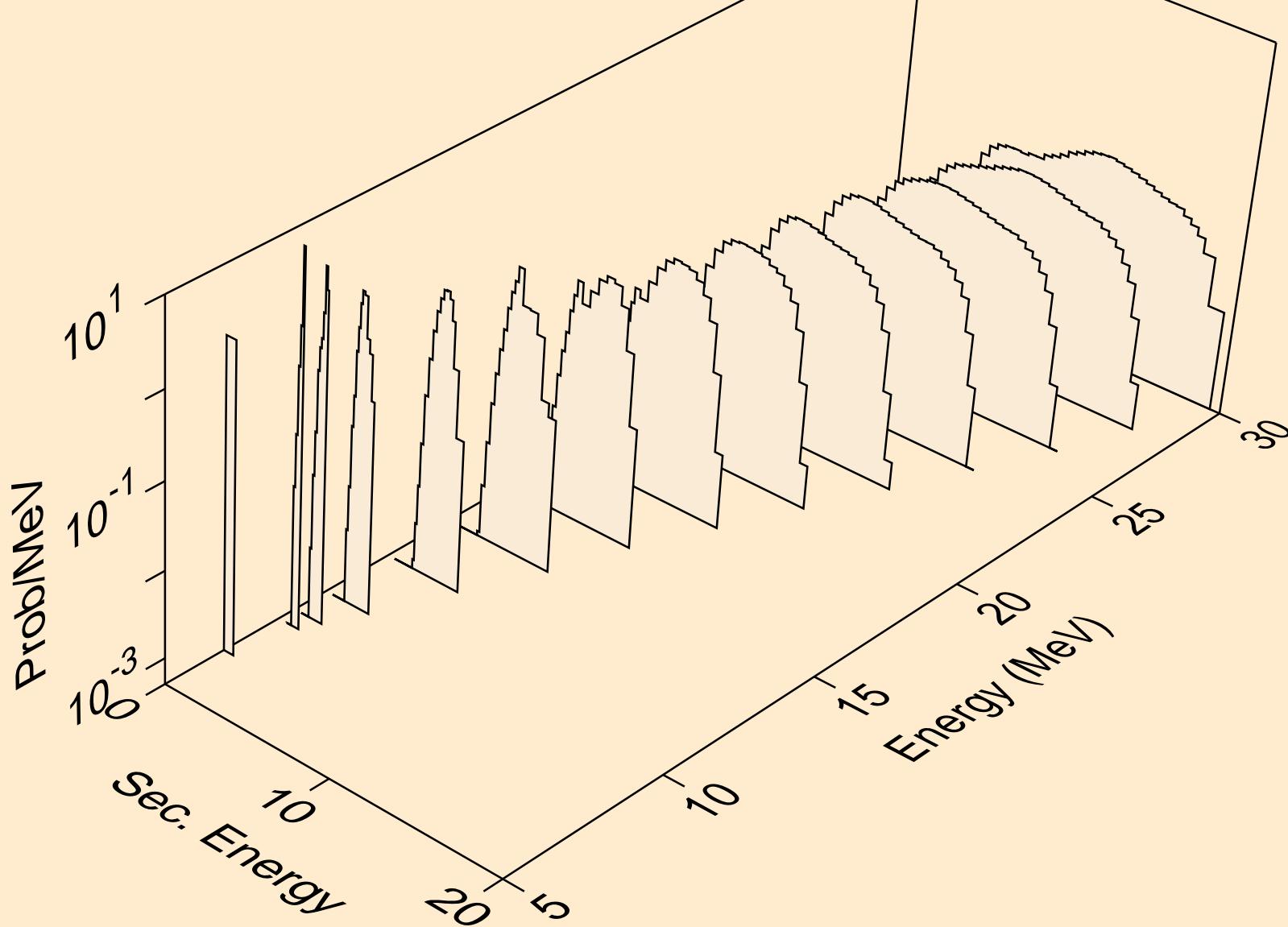
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alphas from (n,a)



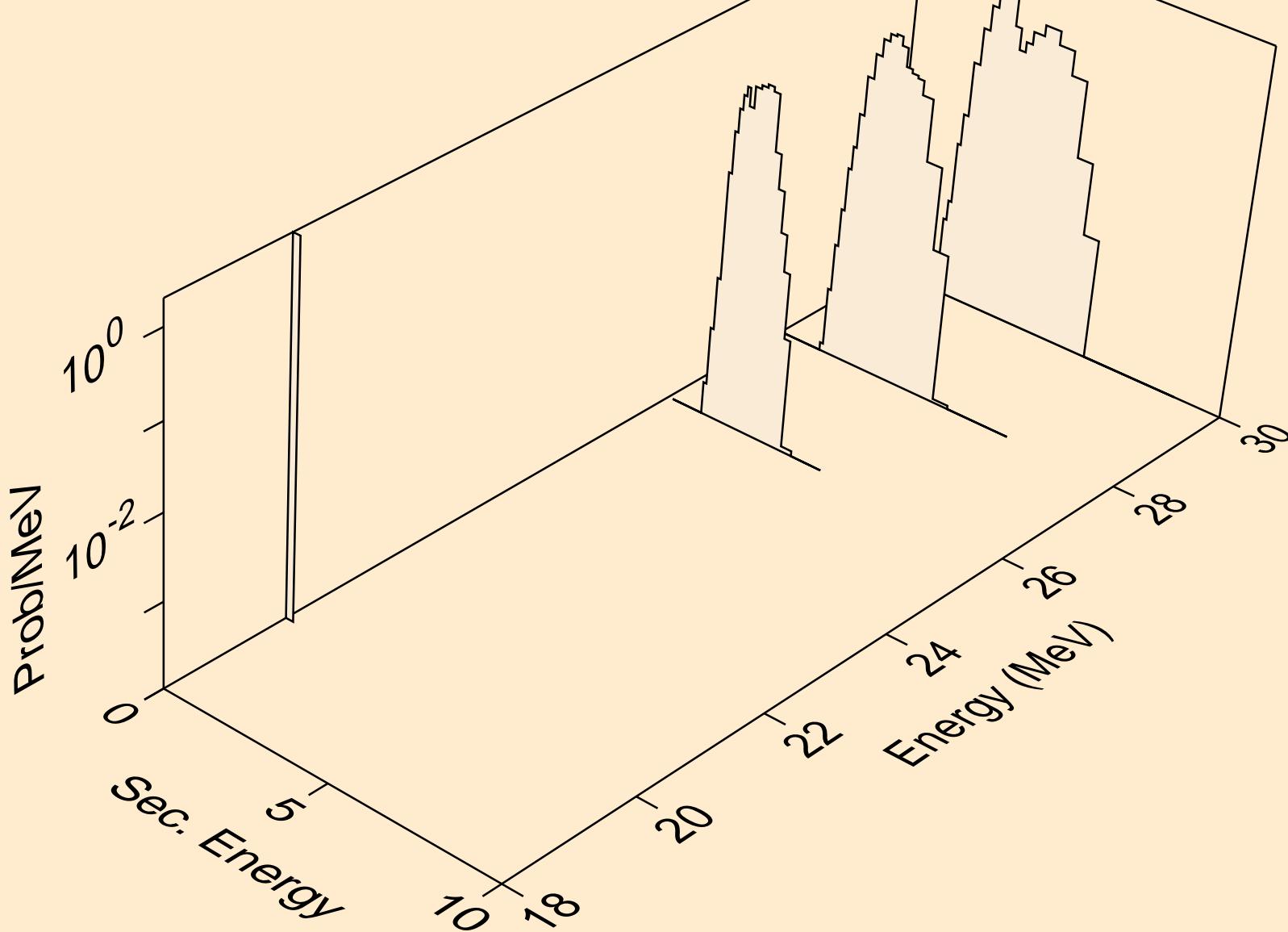
19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
alphas from (n,2a)



19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
alphas from (n,pa)



19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
alphas from (n,d2a)



19-K-39 FENDL-3.2C (NJOY2016.74+NDS)
alphas from (n,da)

