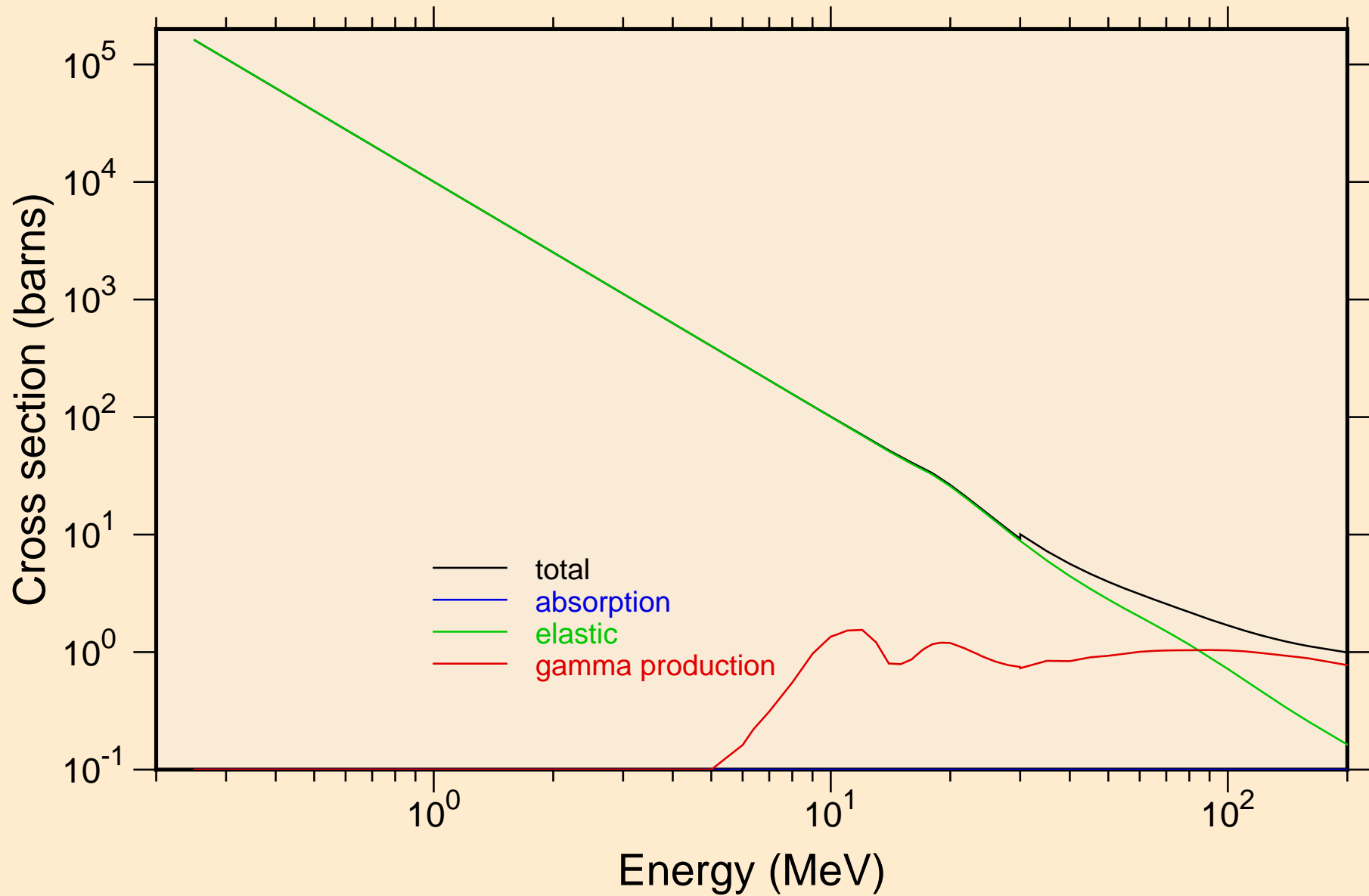
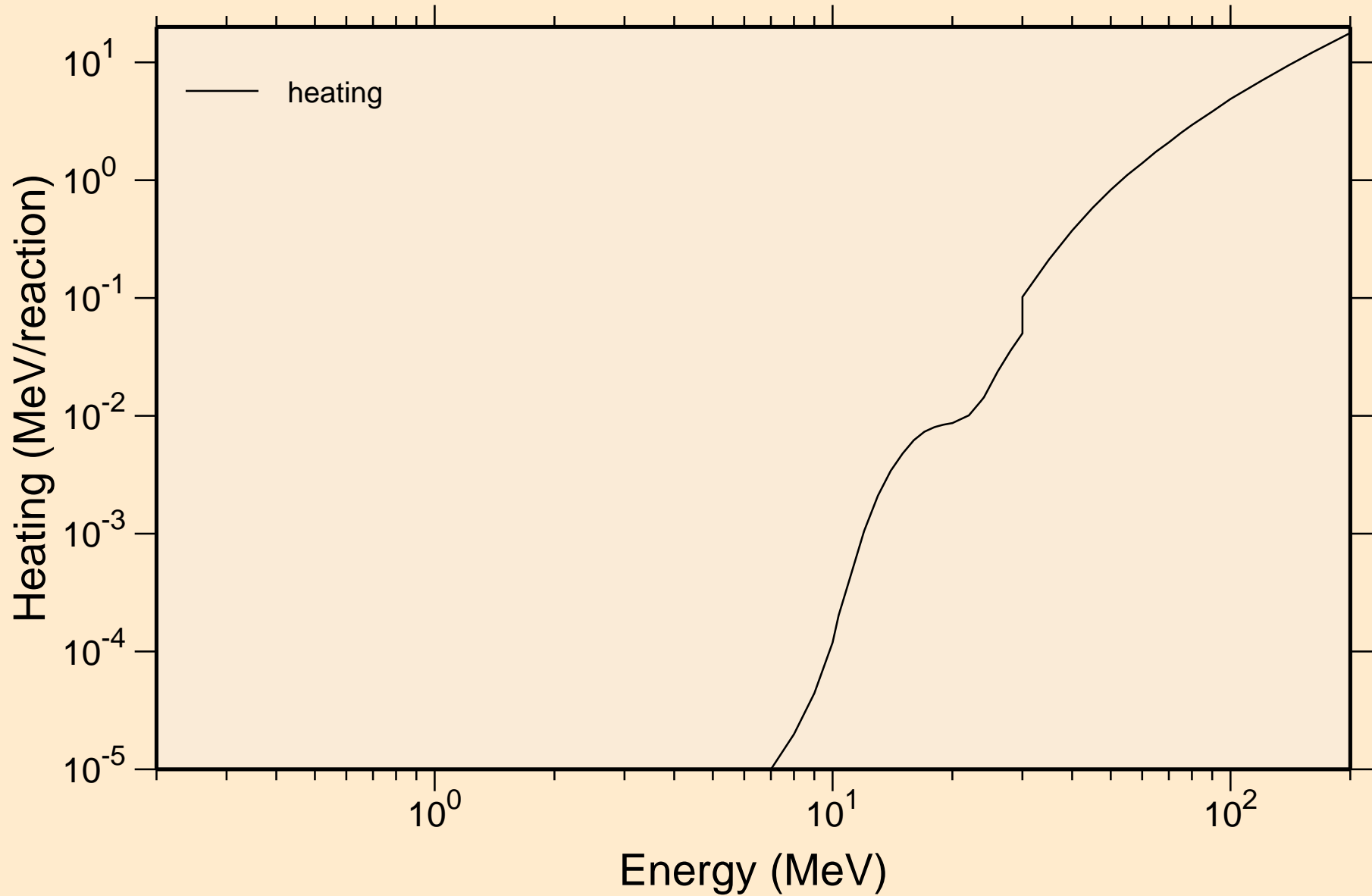


ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



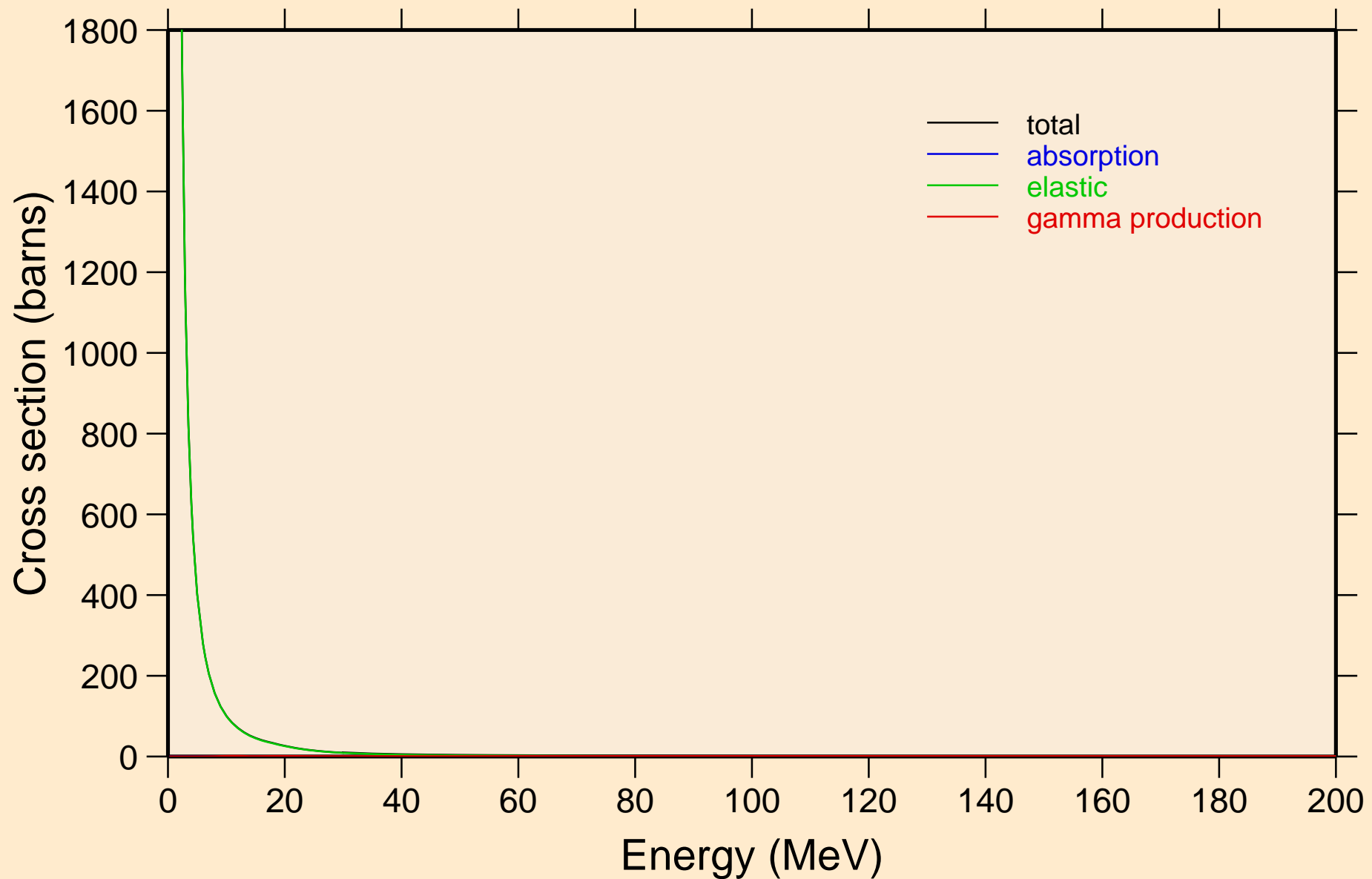
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Heating



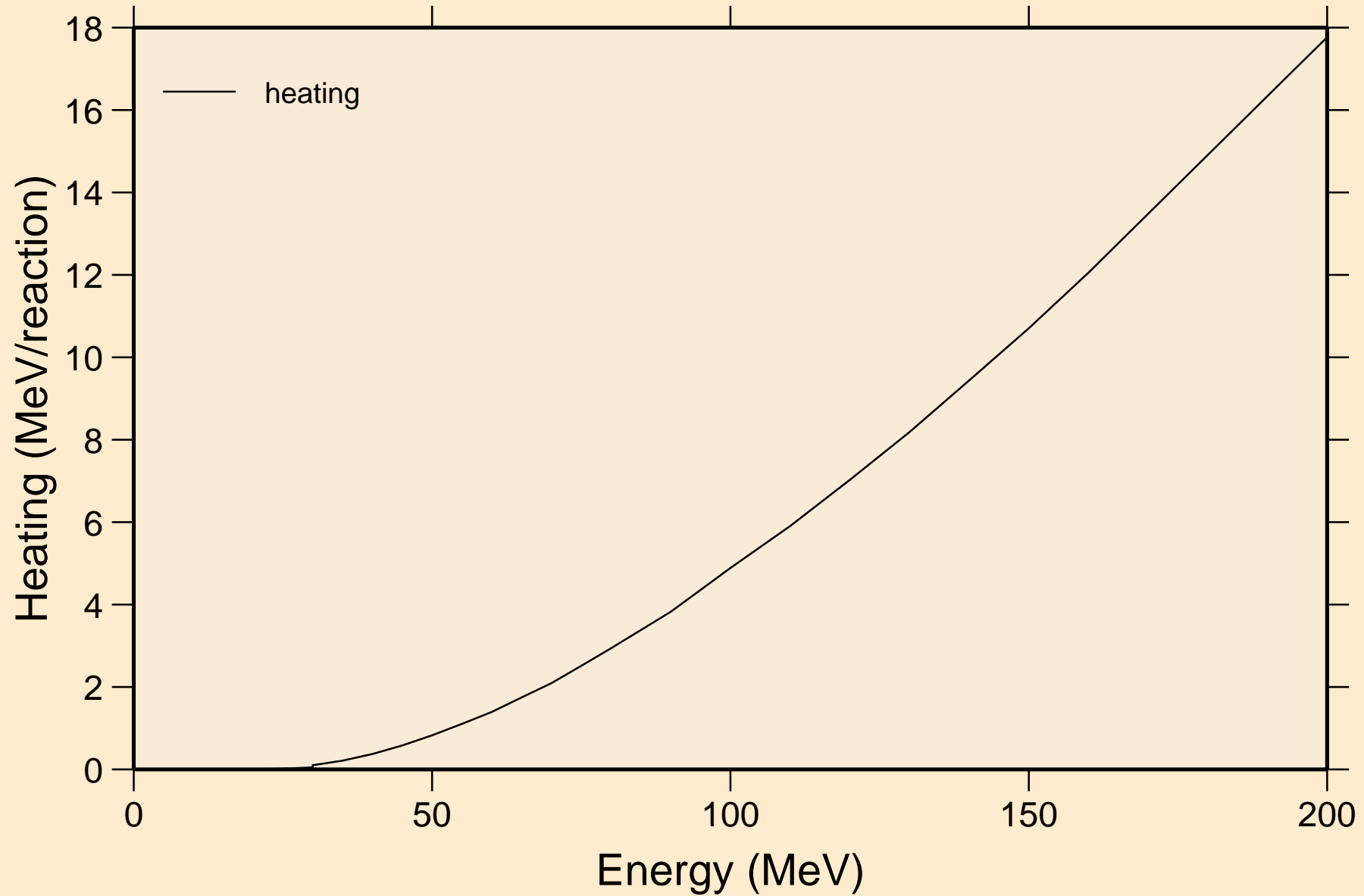
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



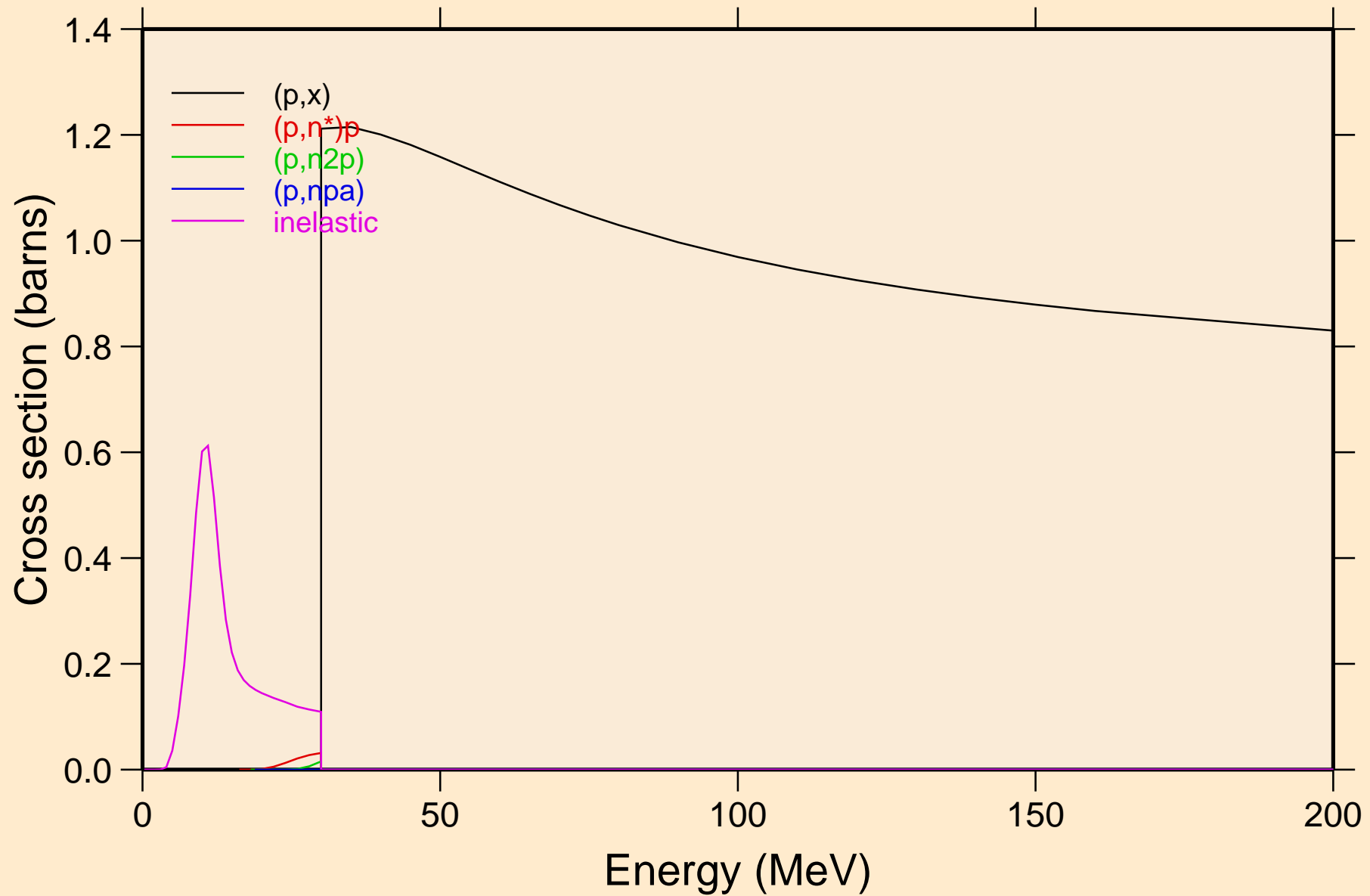
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Heating

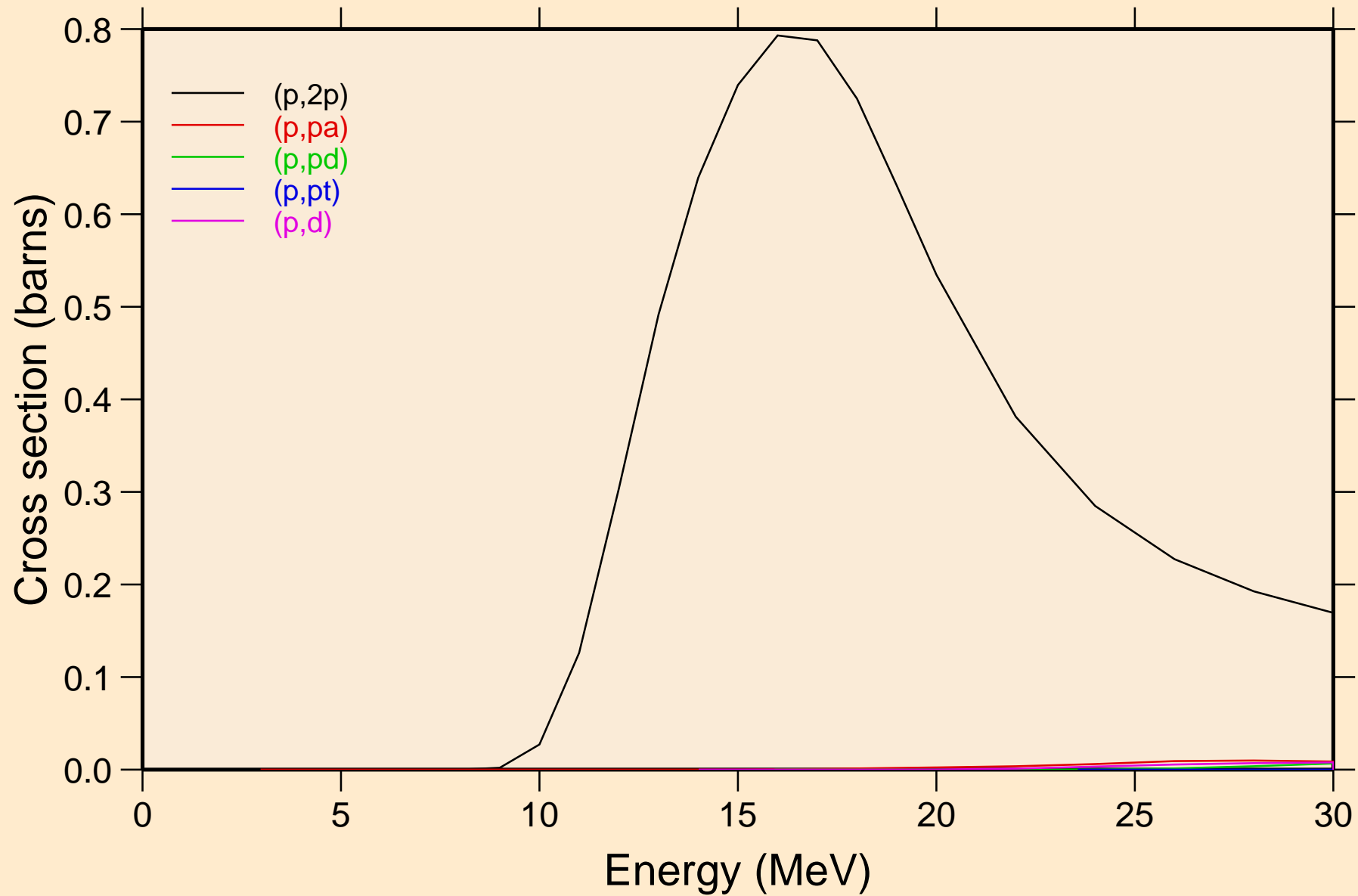


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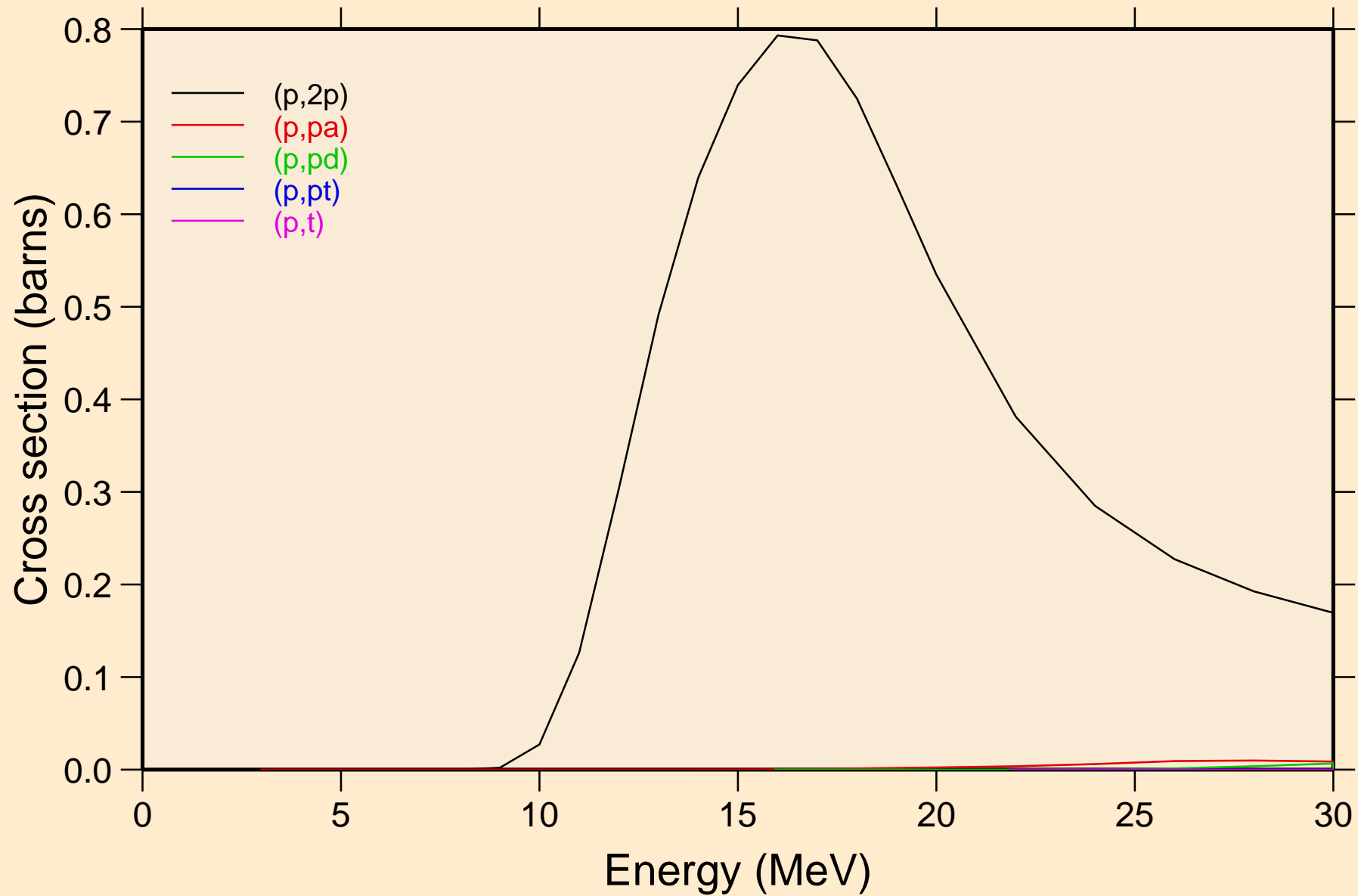
Threshold reactions



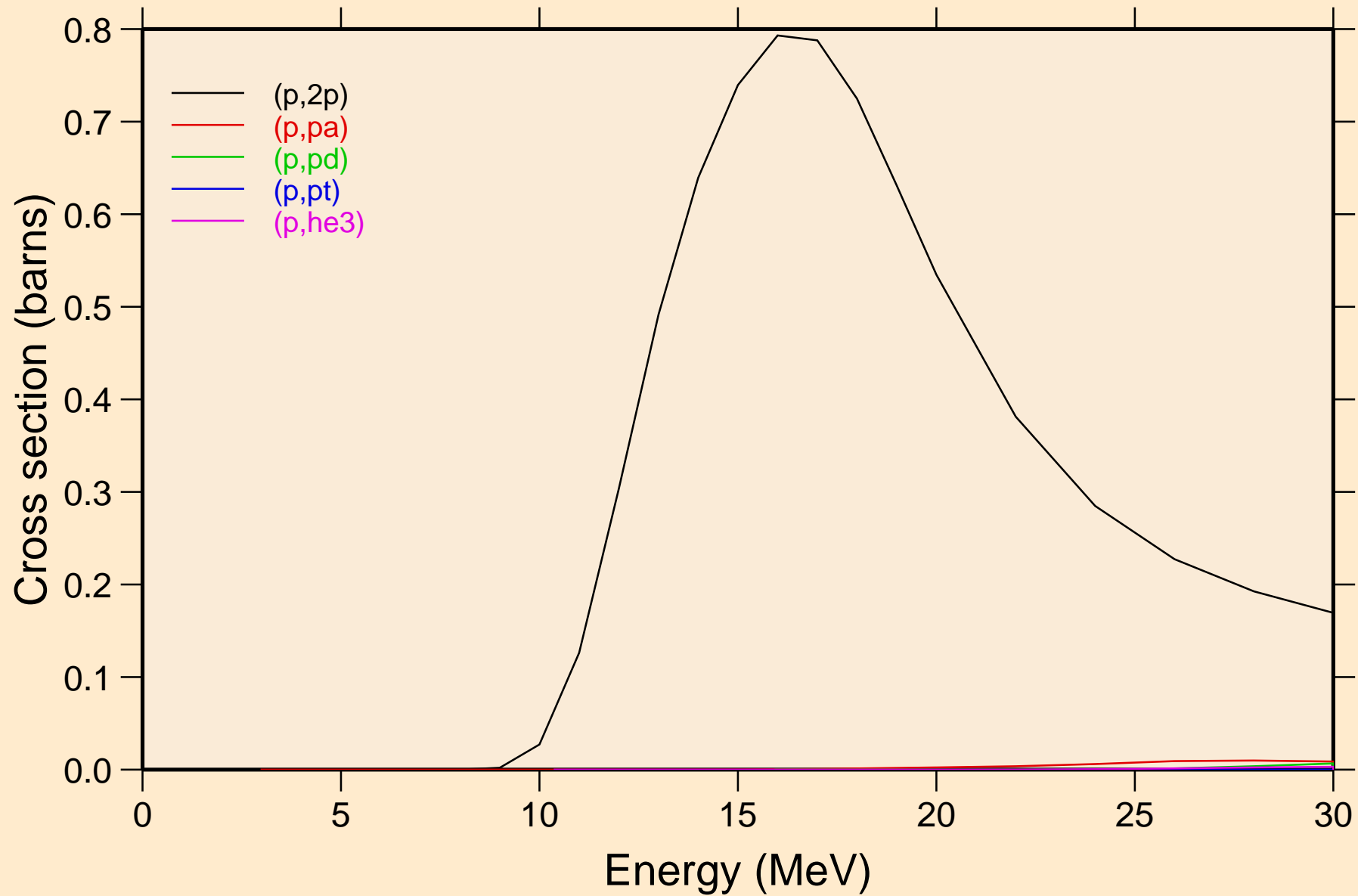
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



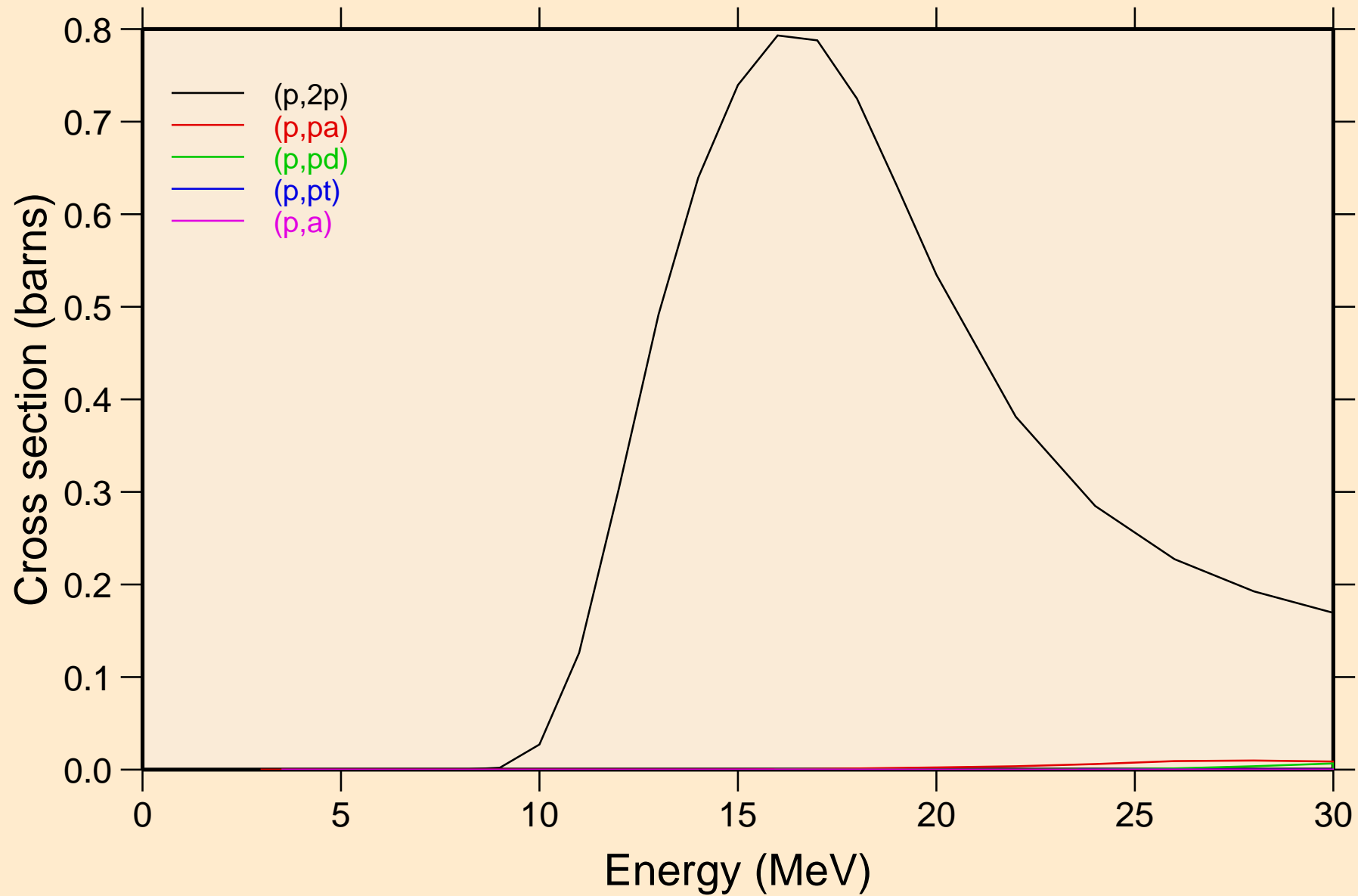
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Threshold reactions



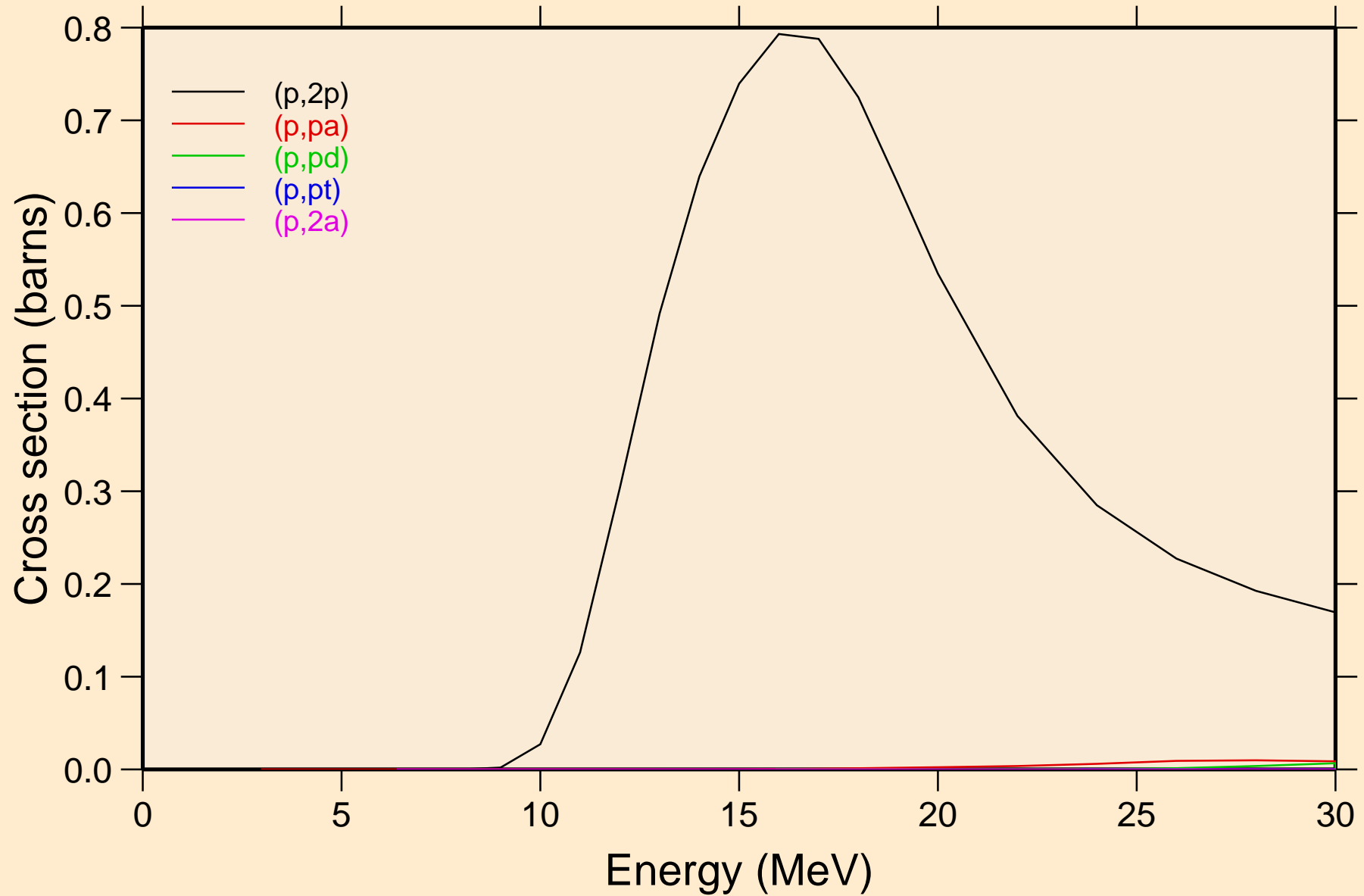
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



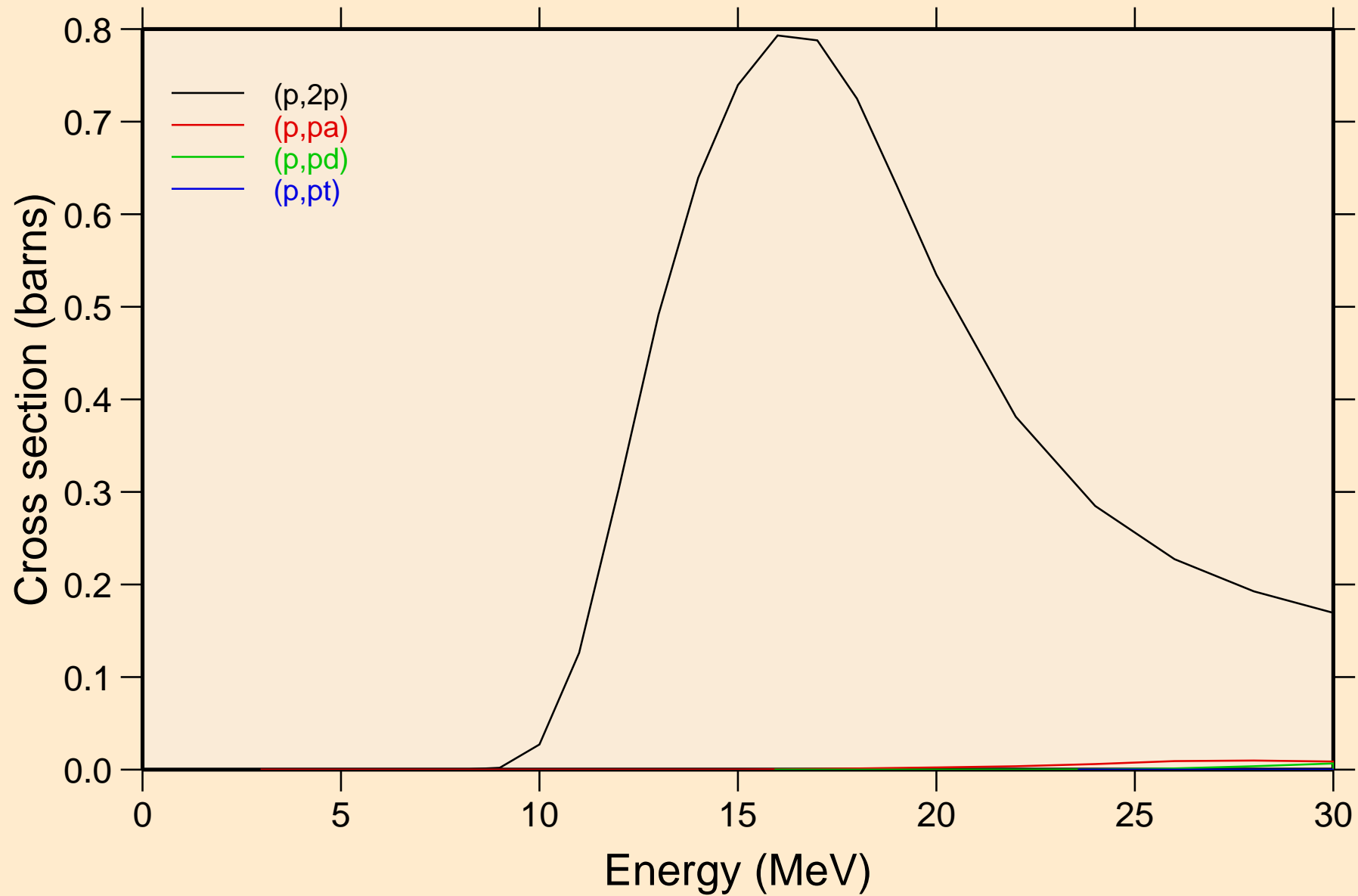
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Threshold reactions



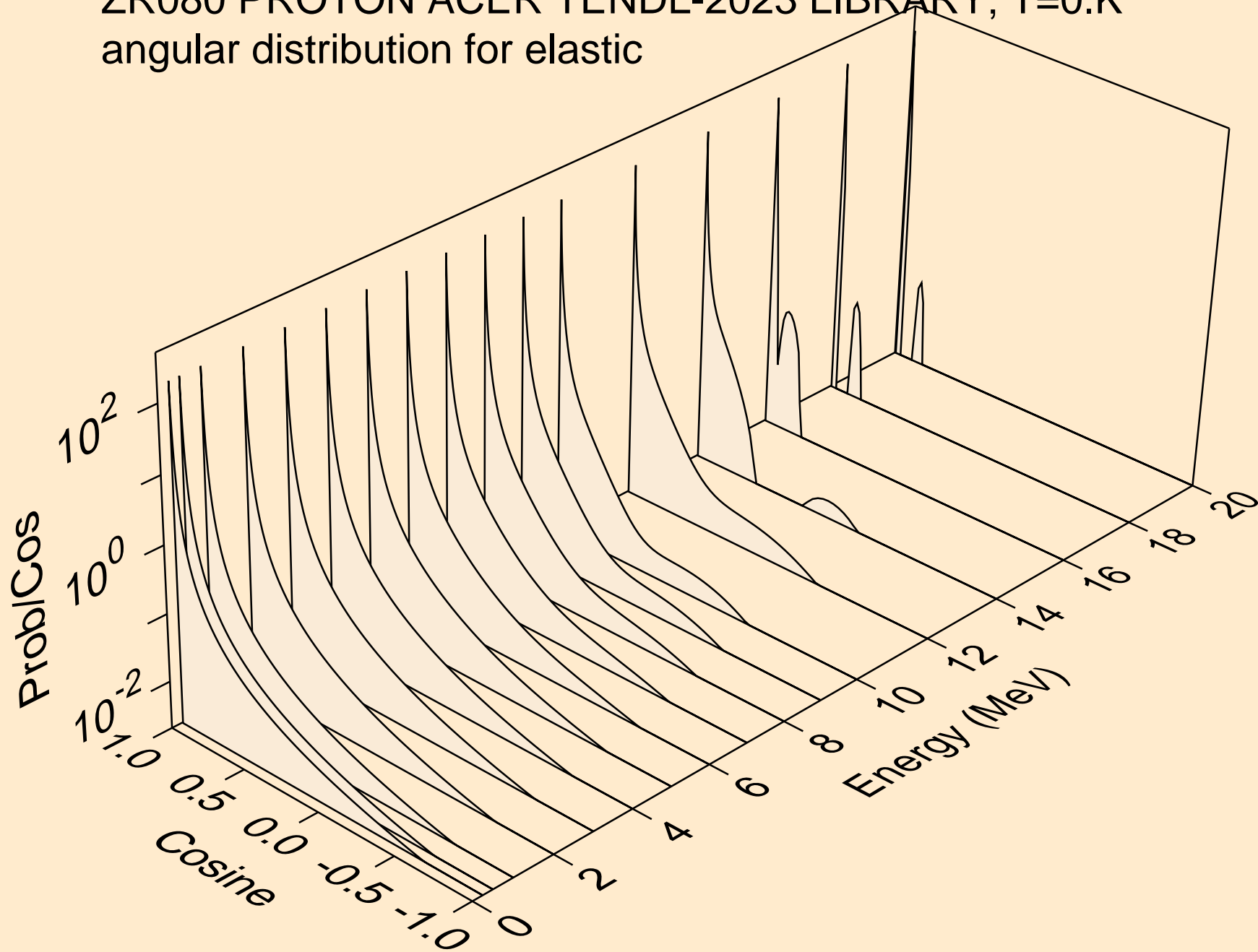
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Threshold reactions



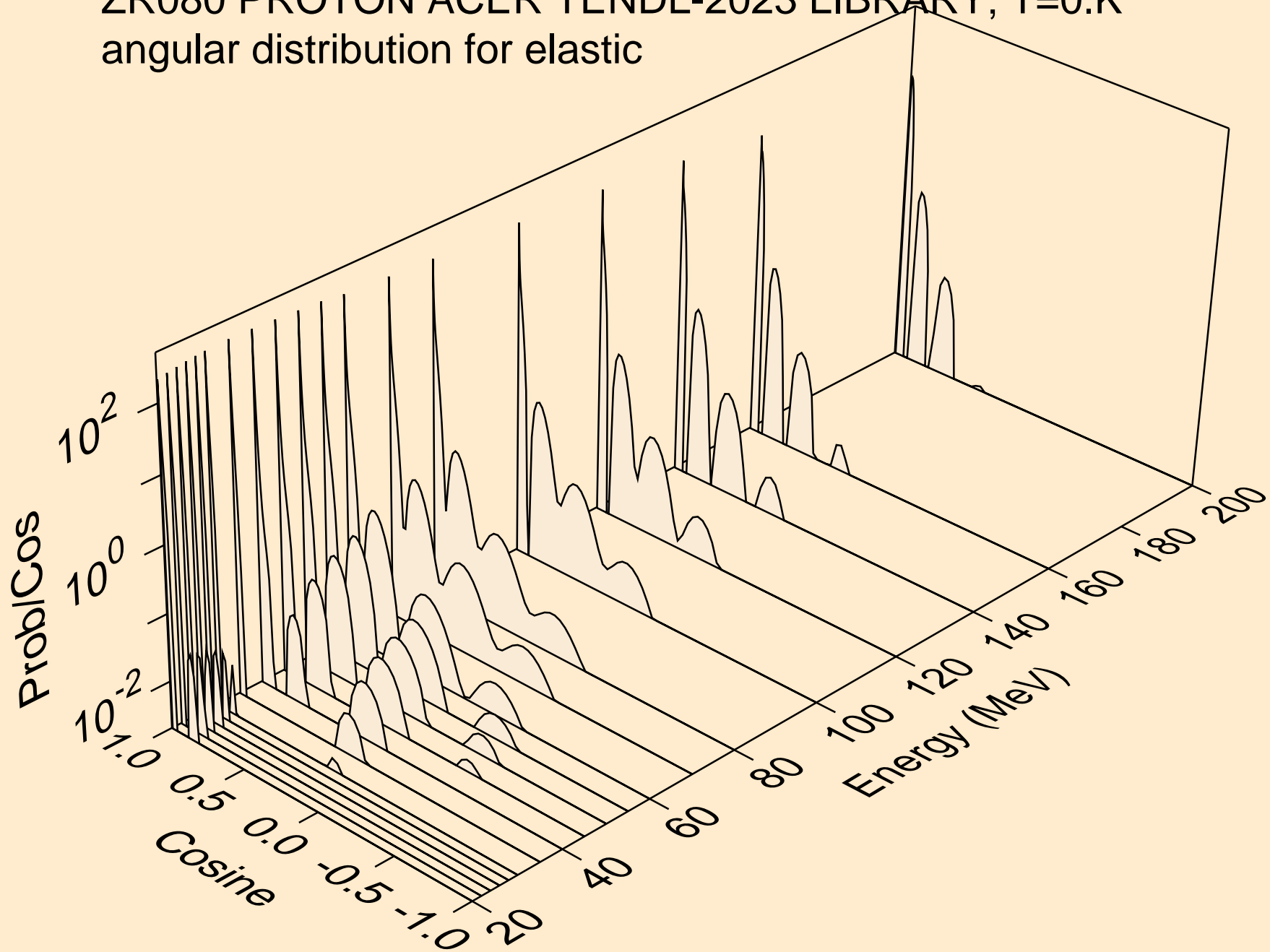
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Threshold reactions



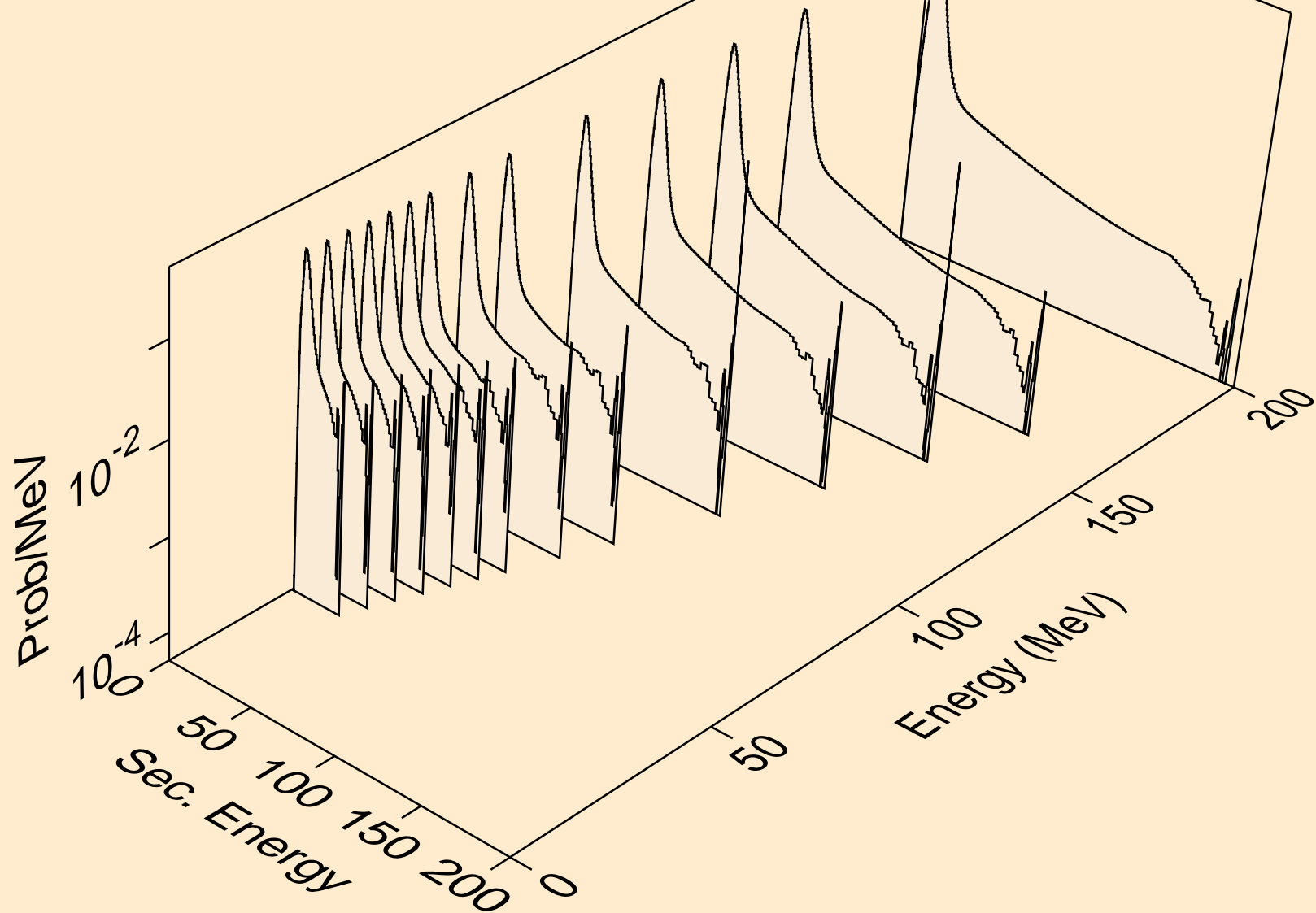
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



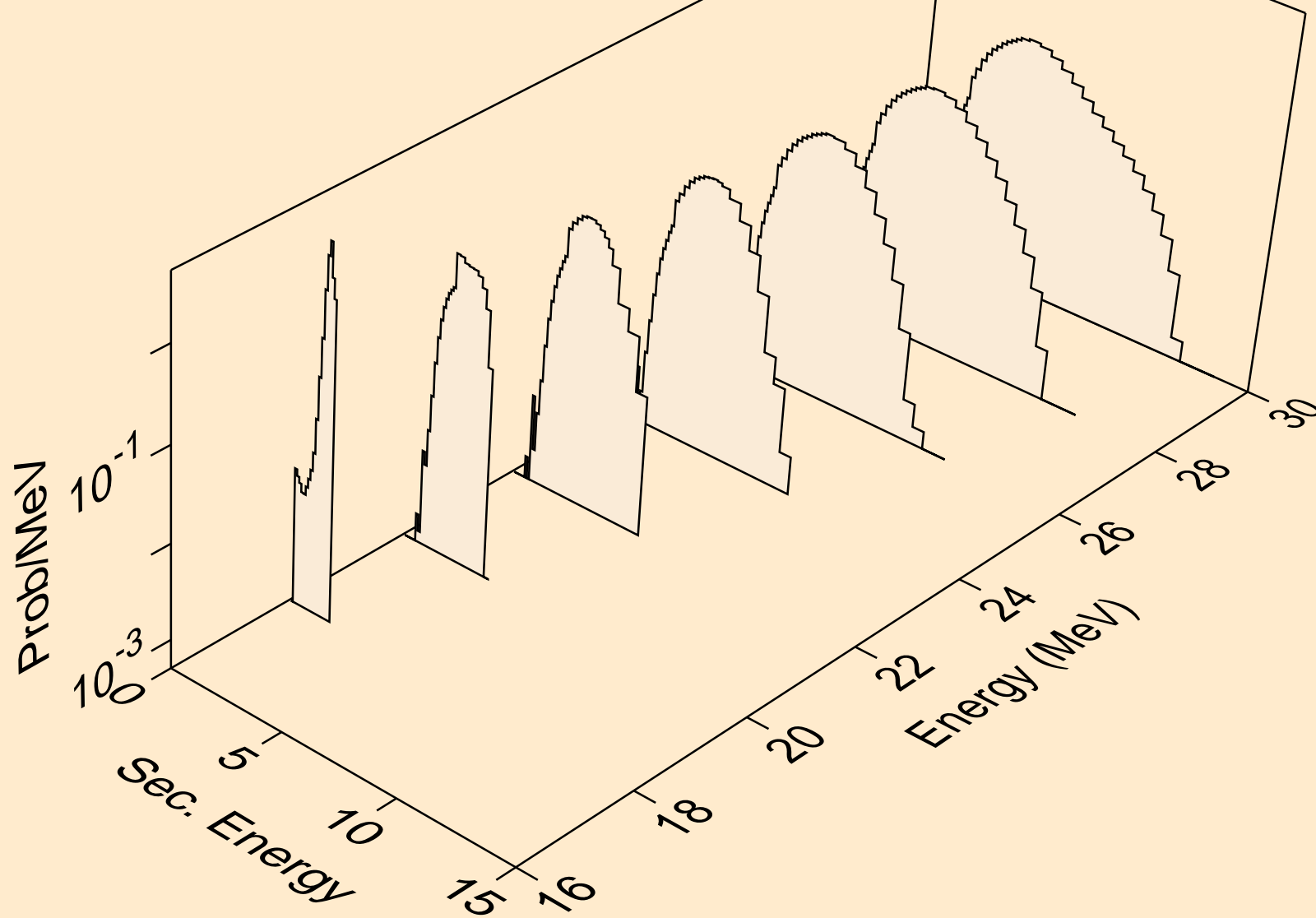
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angular distribution for elastic



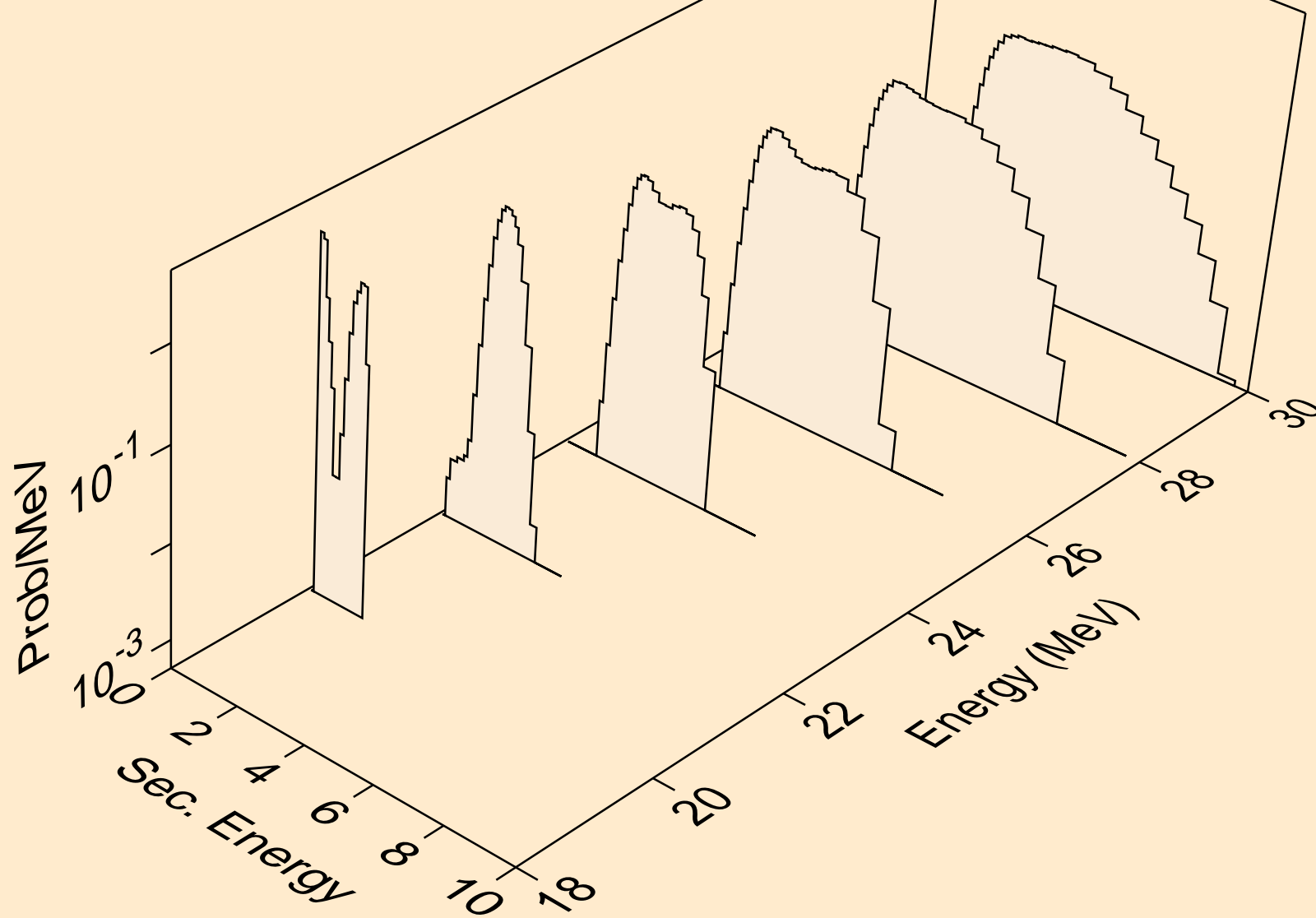
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)



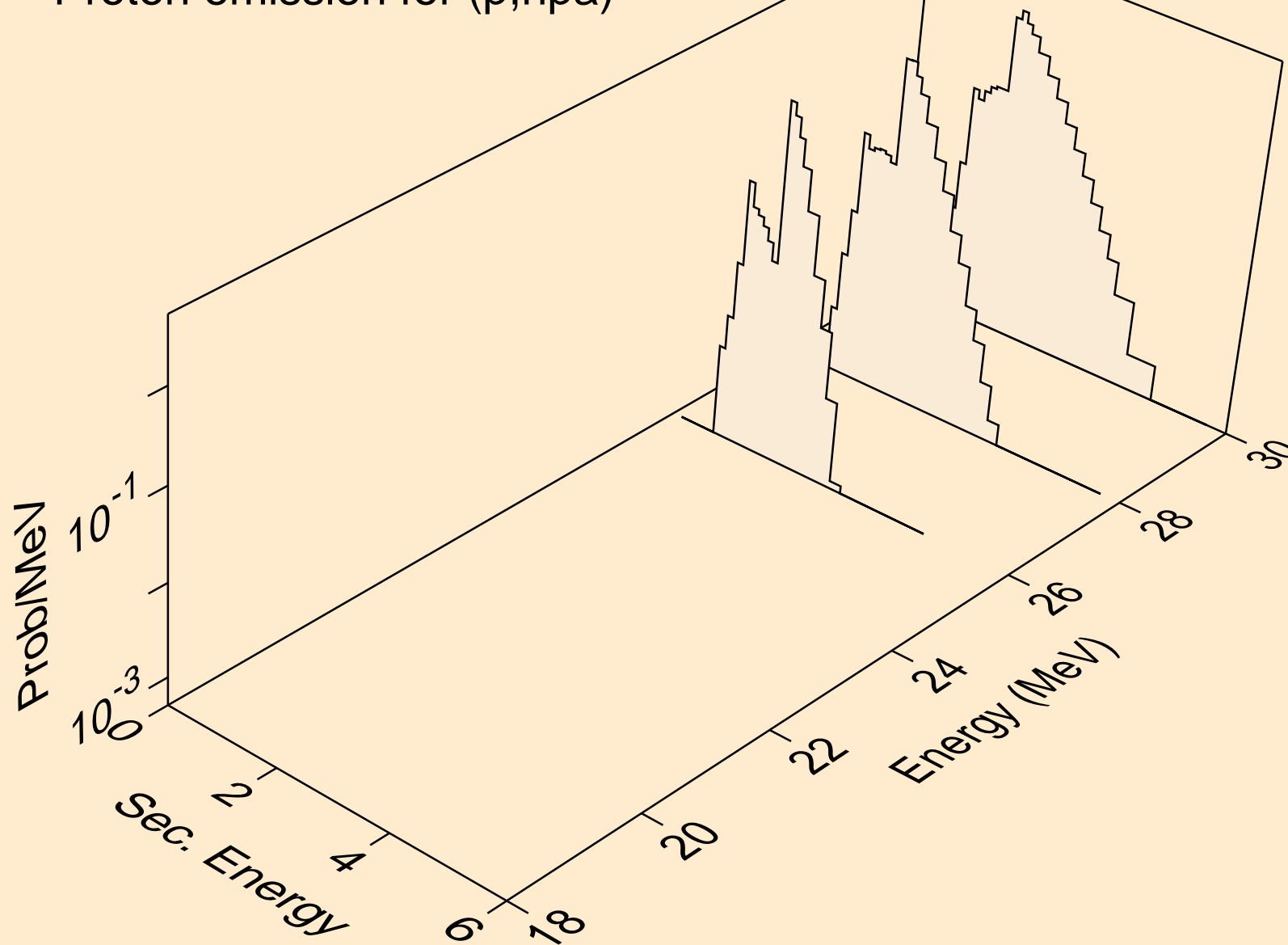
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n*)p



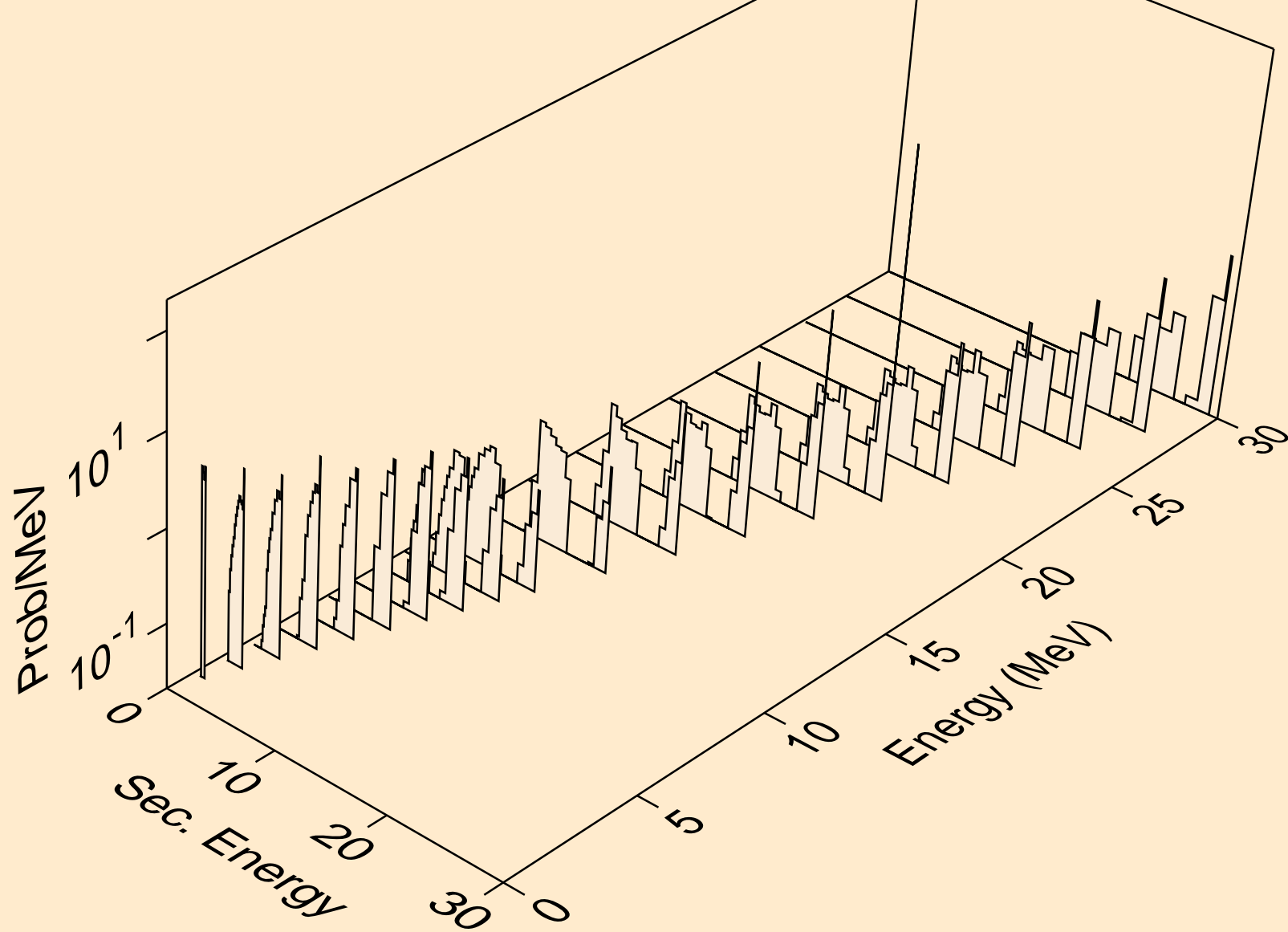
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



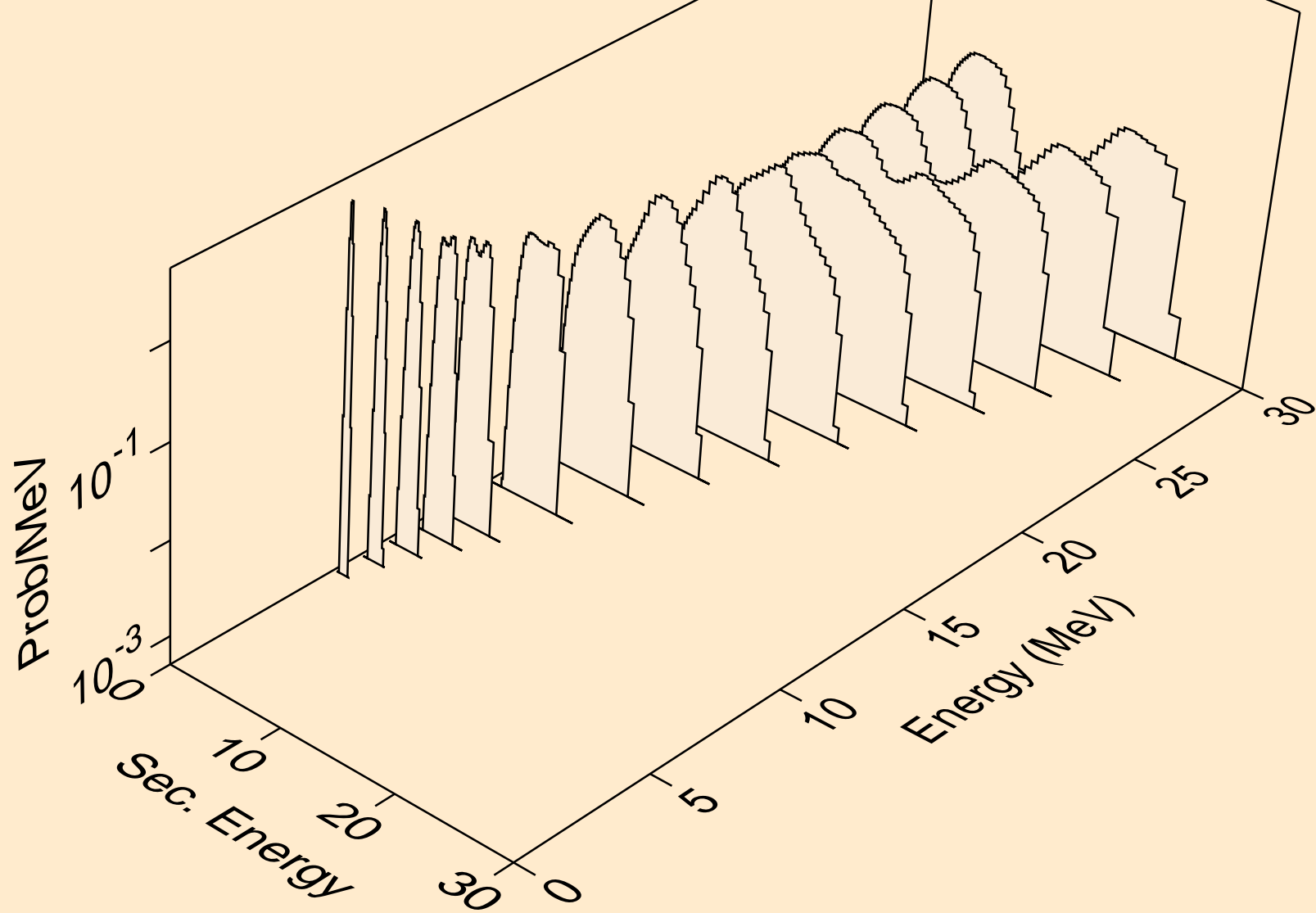
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



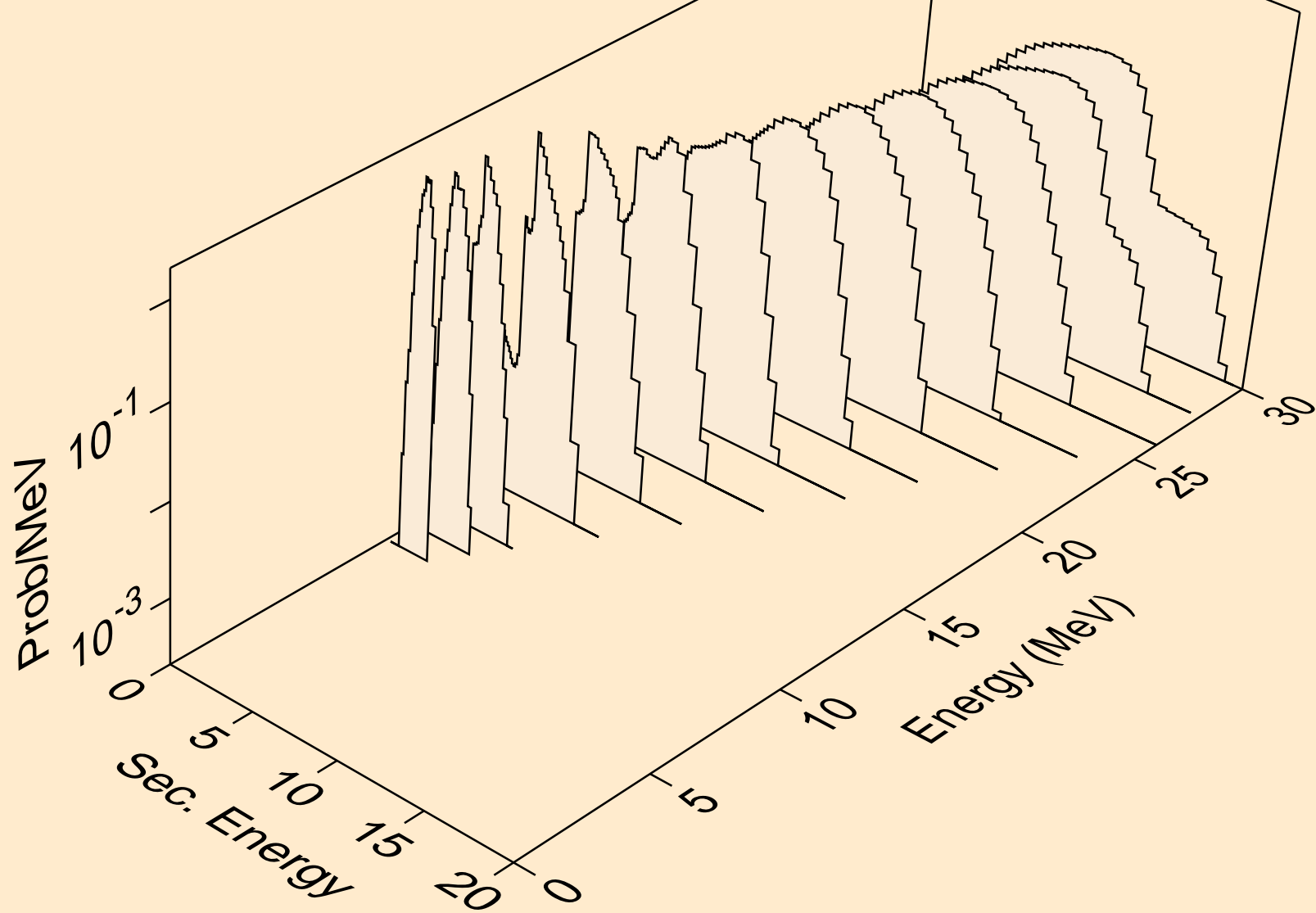
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



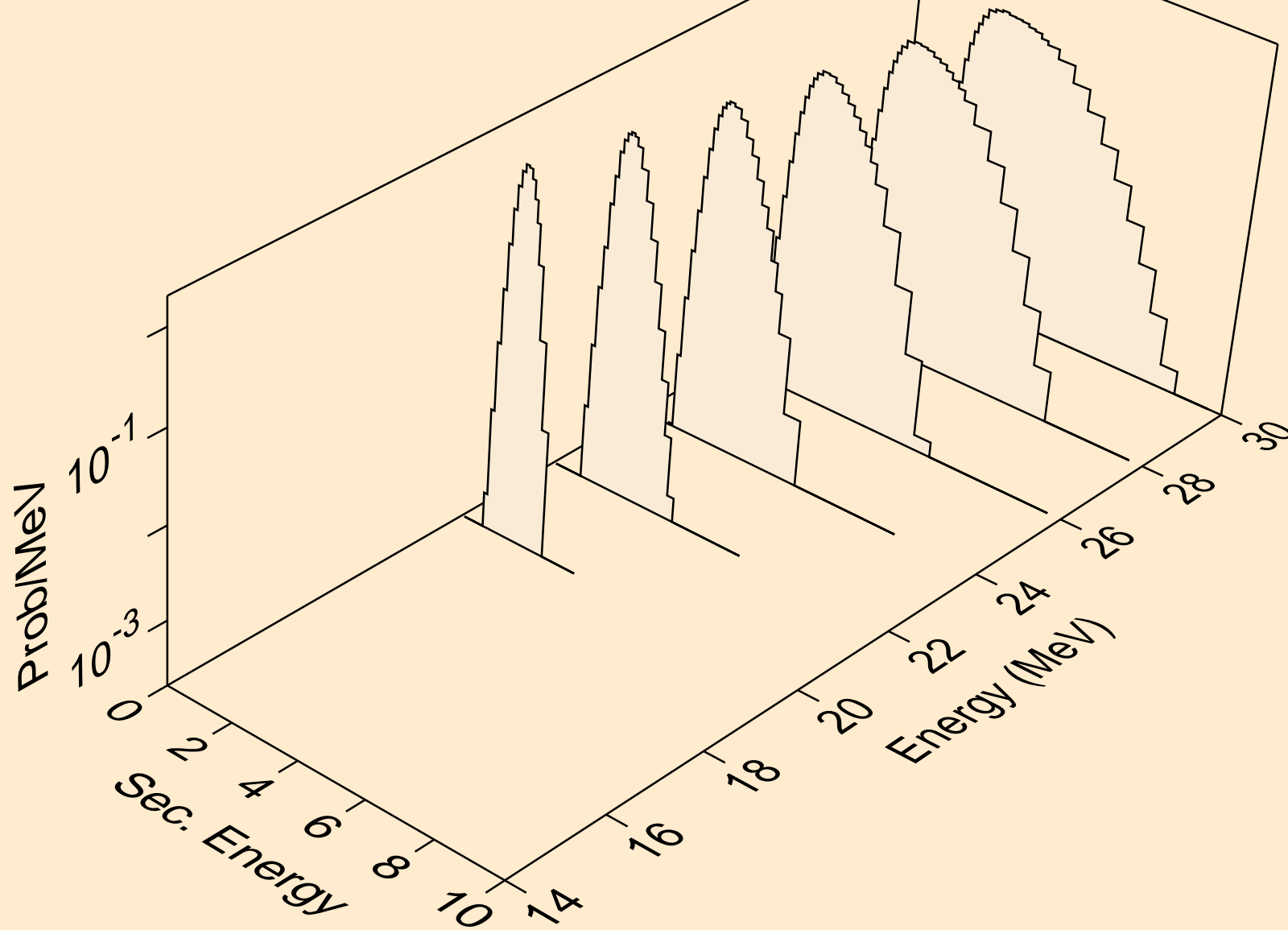
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



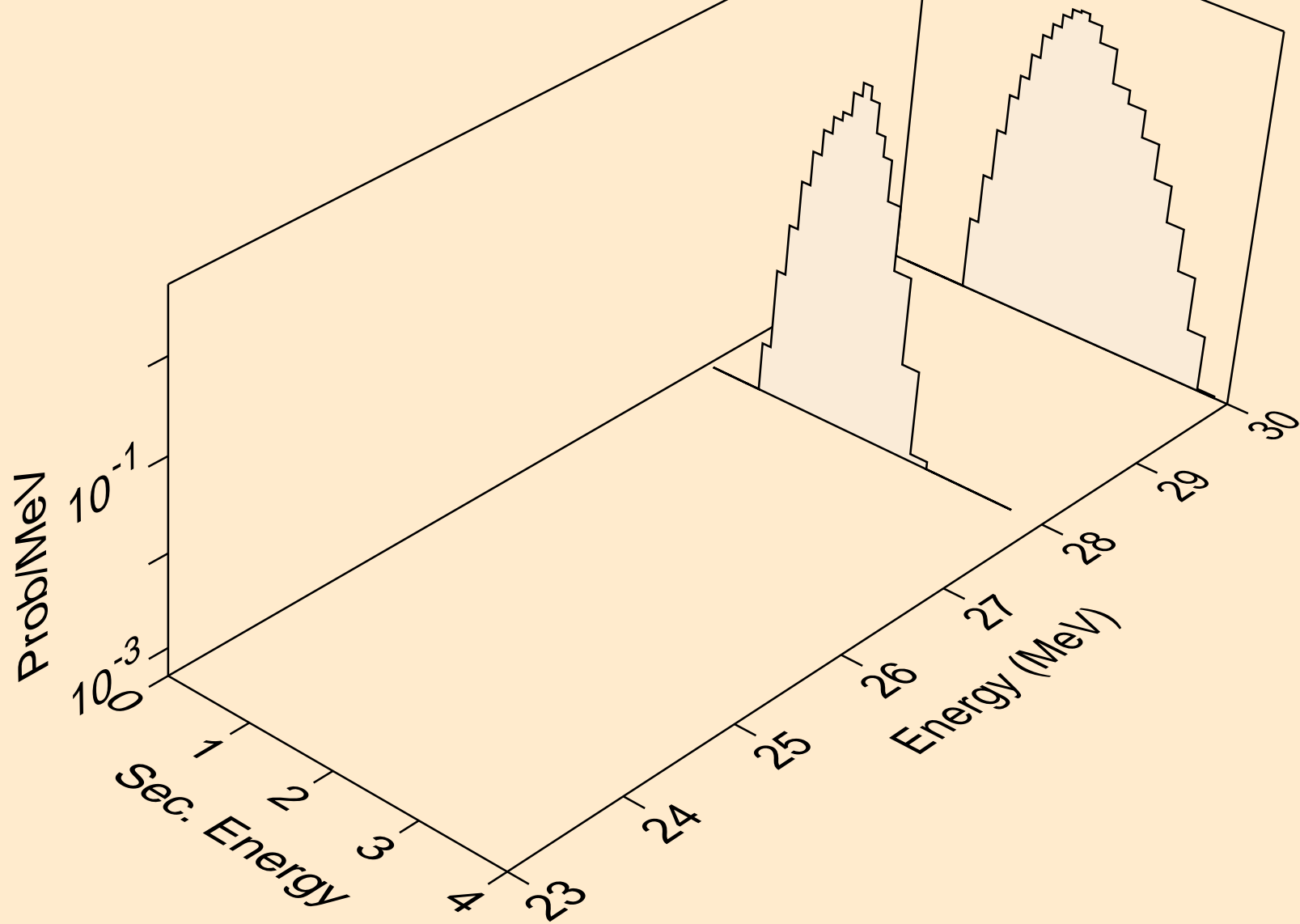
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



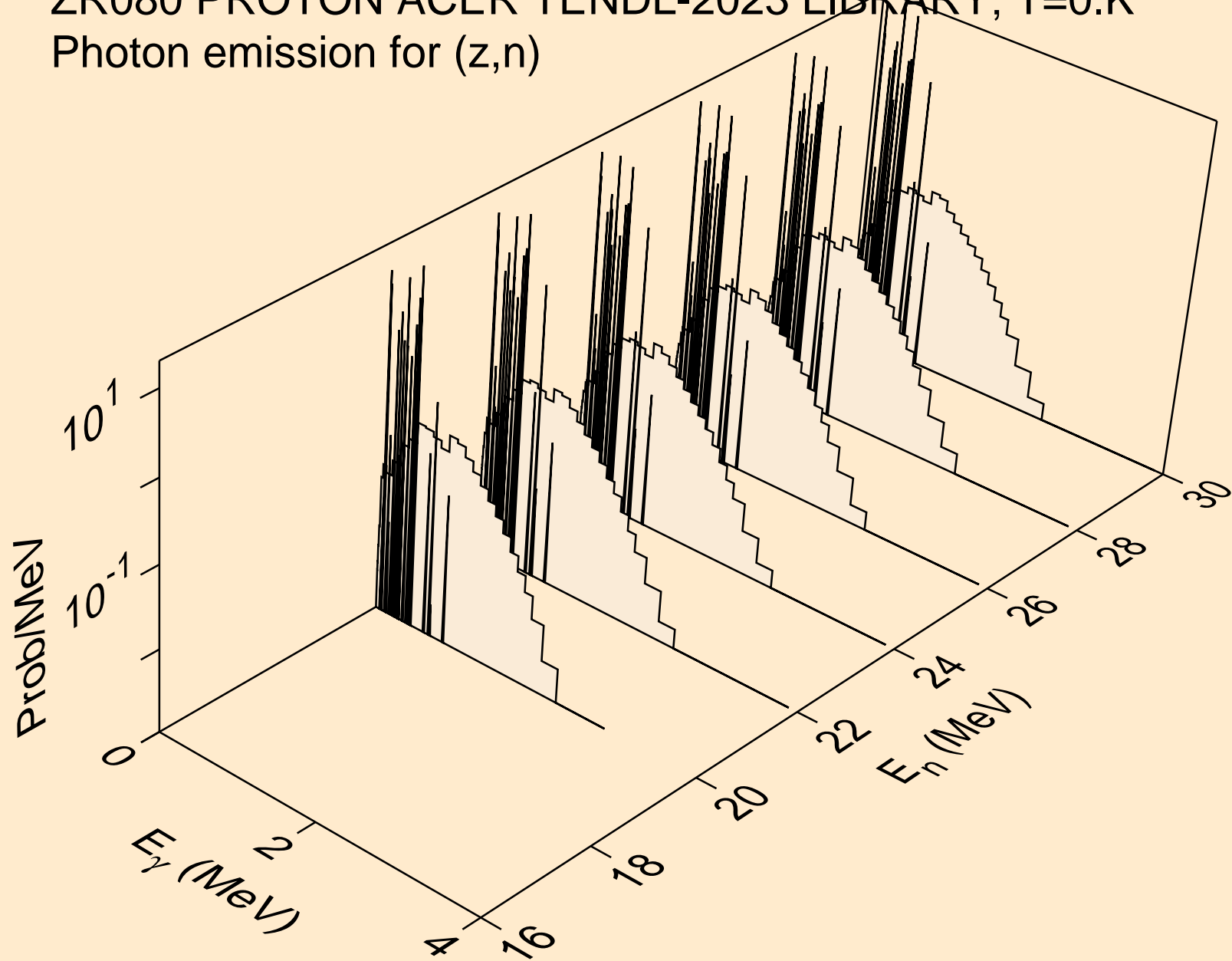
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)



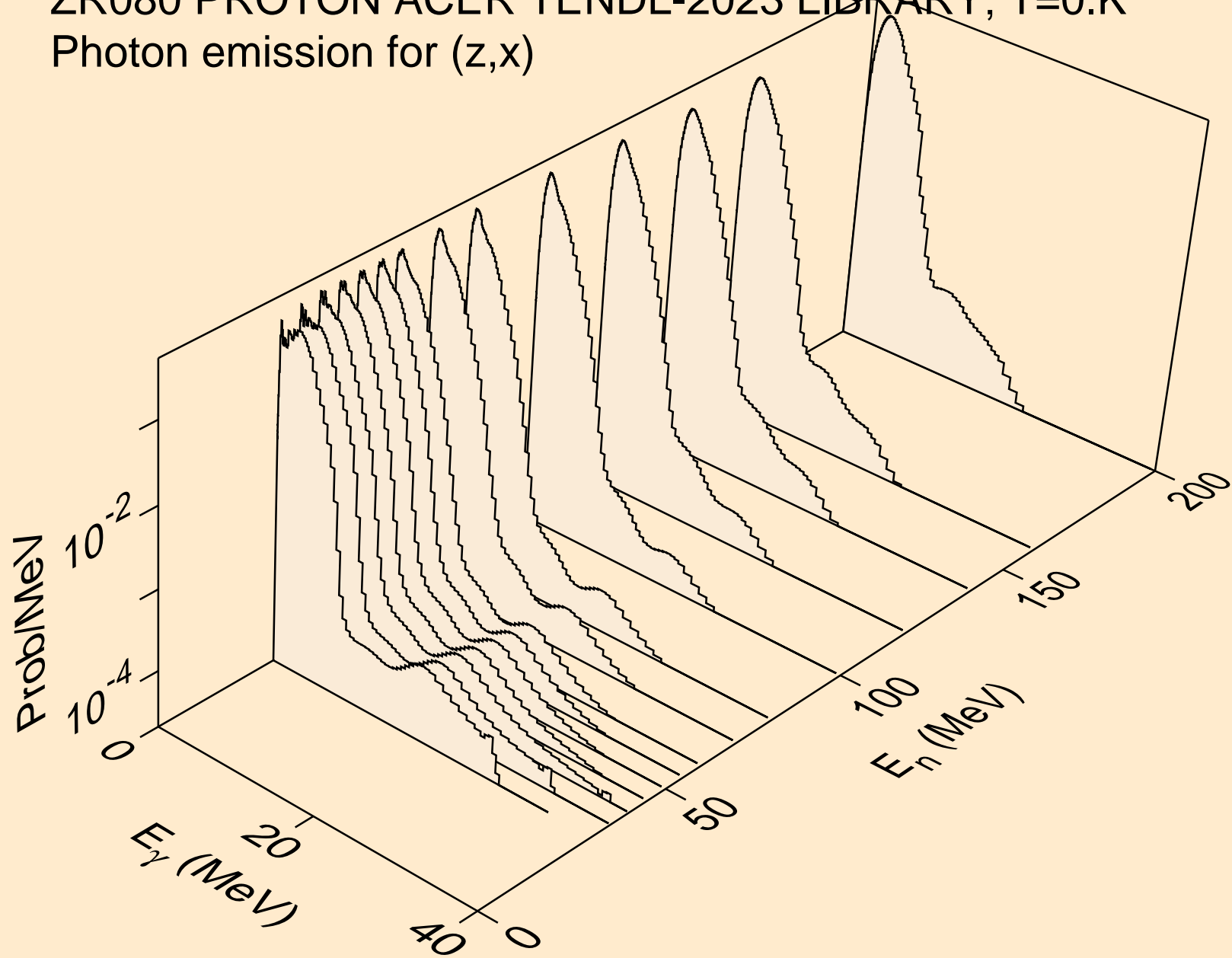
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Proton emission for (p,pt)



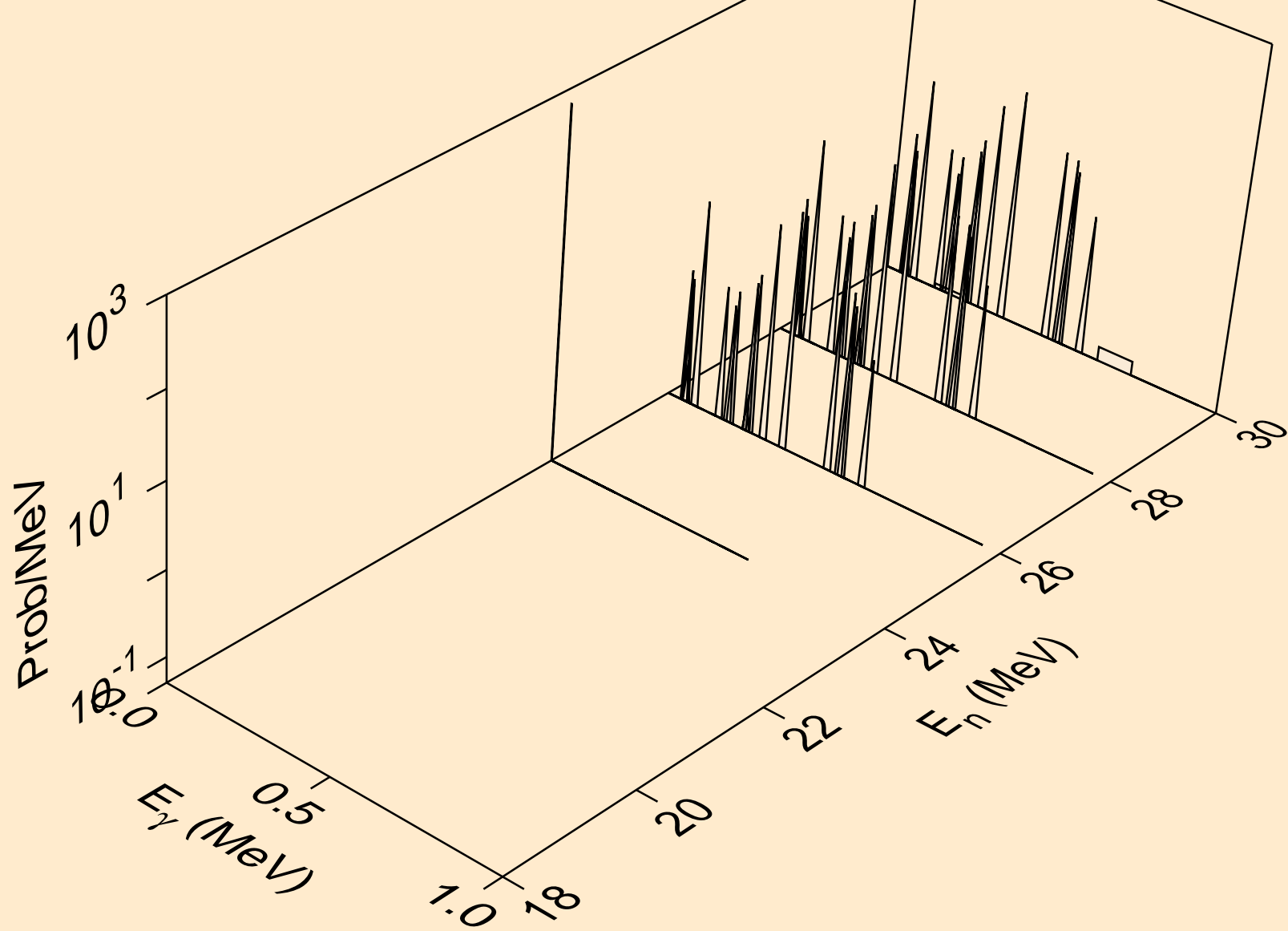
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



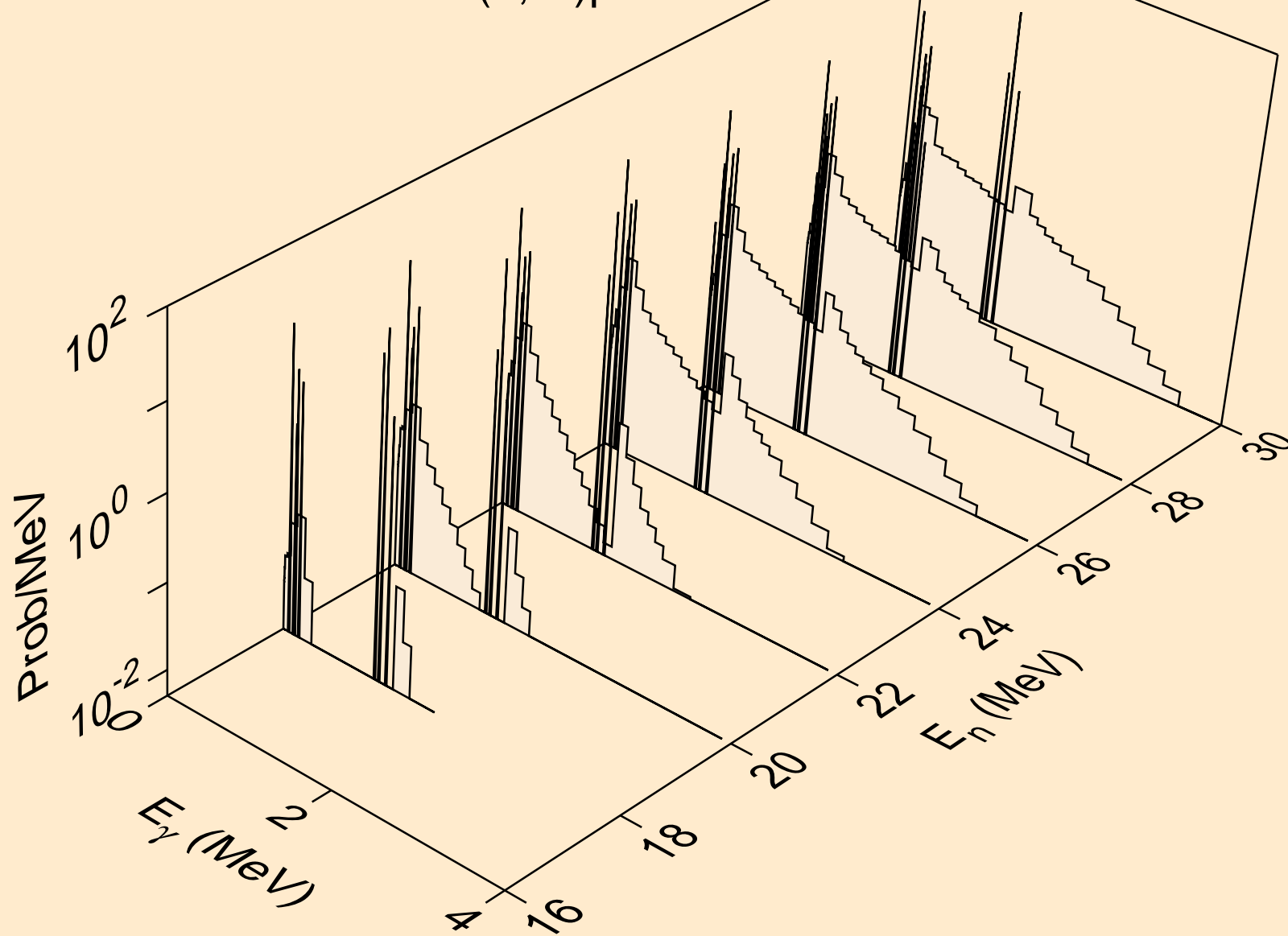
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



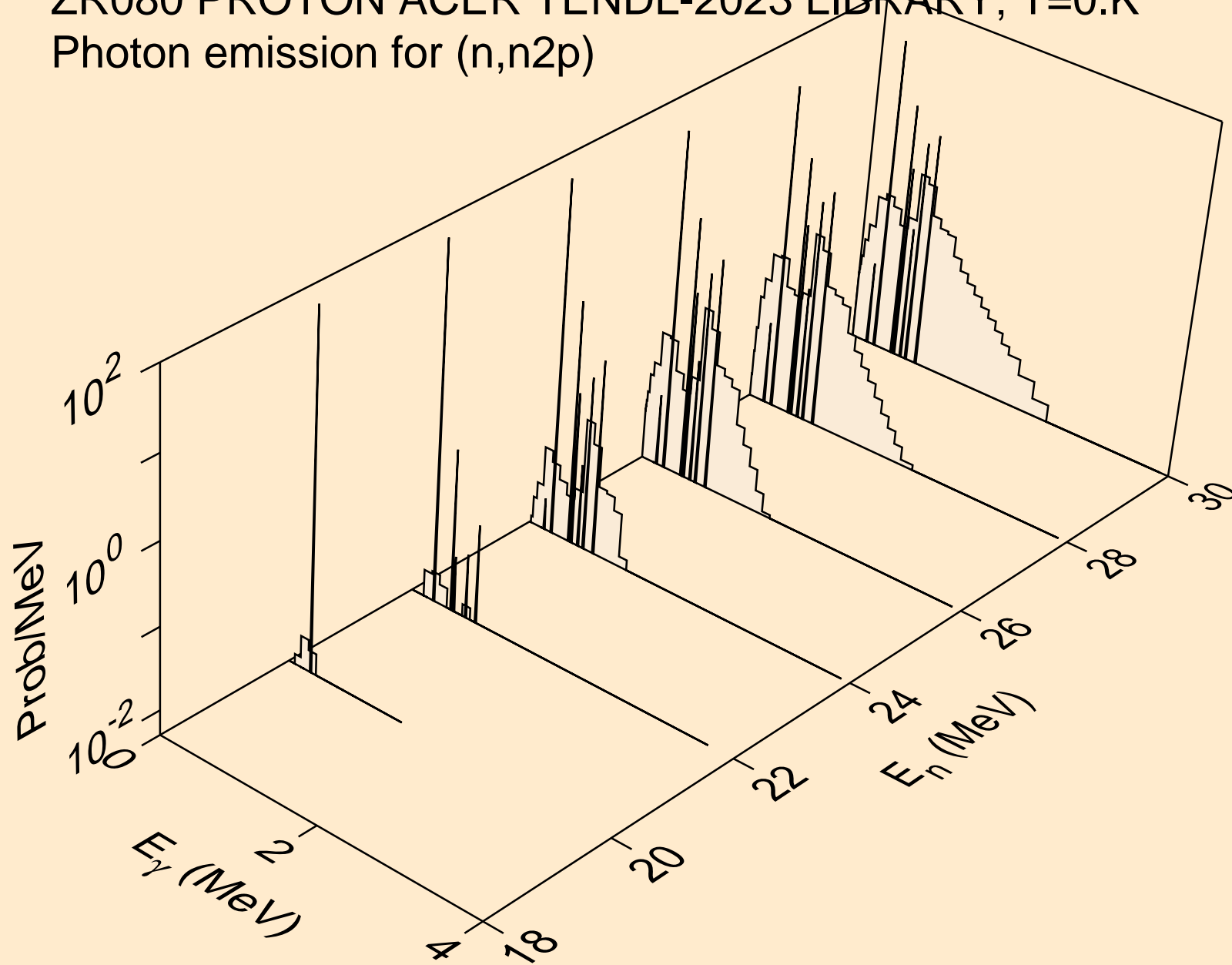
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



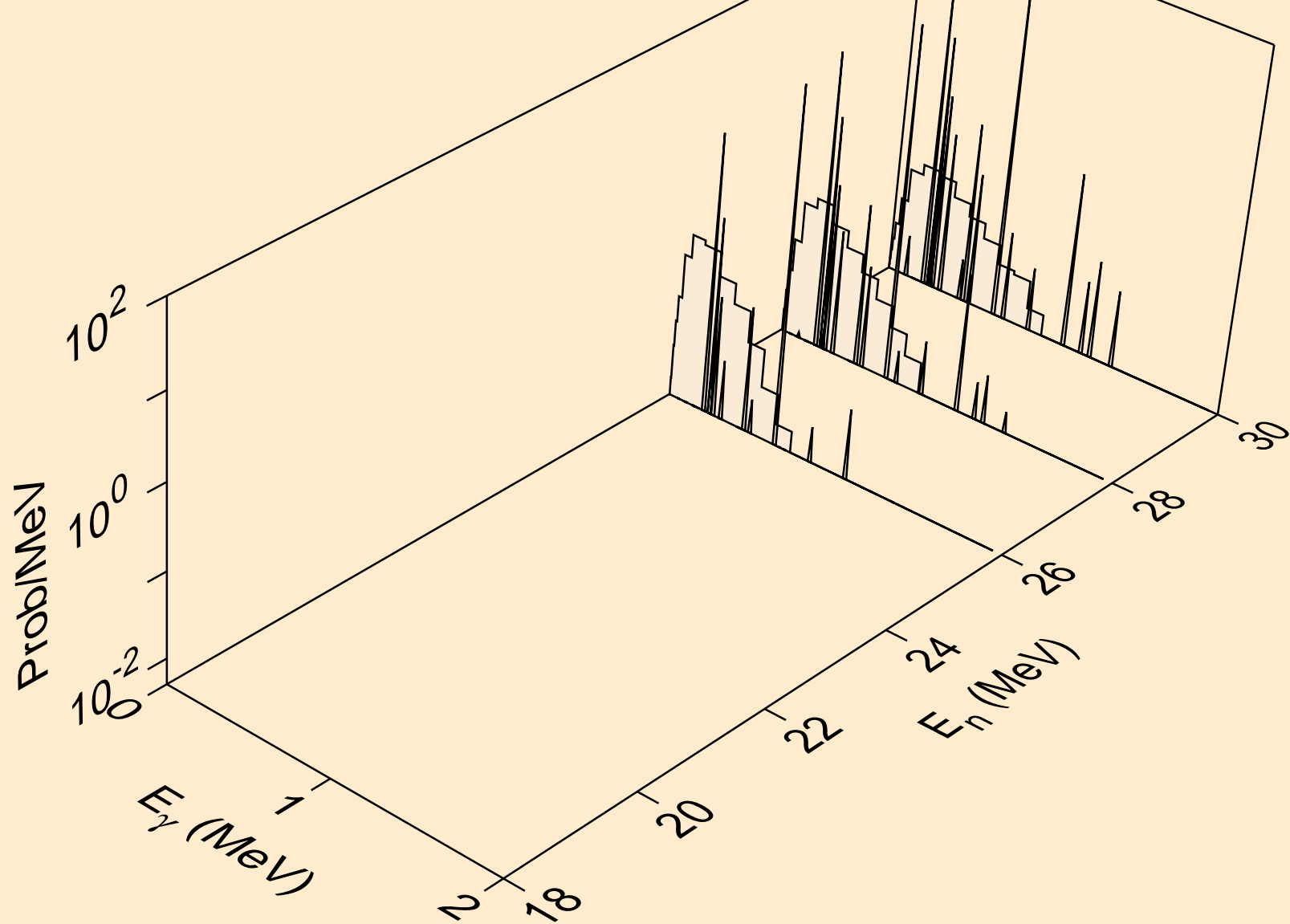
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



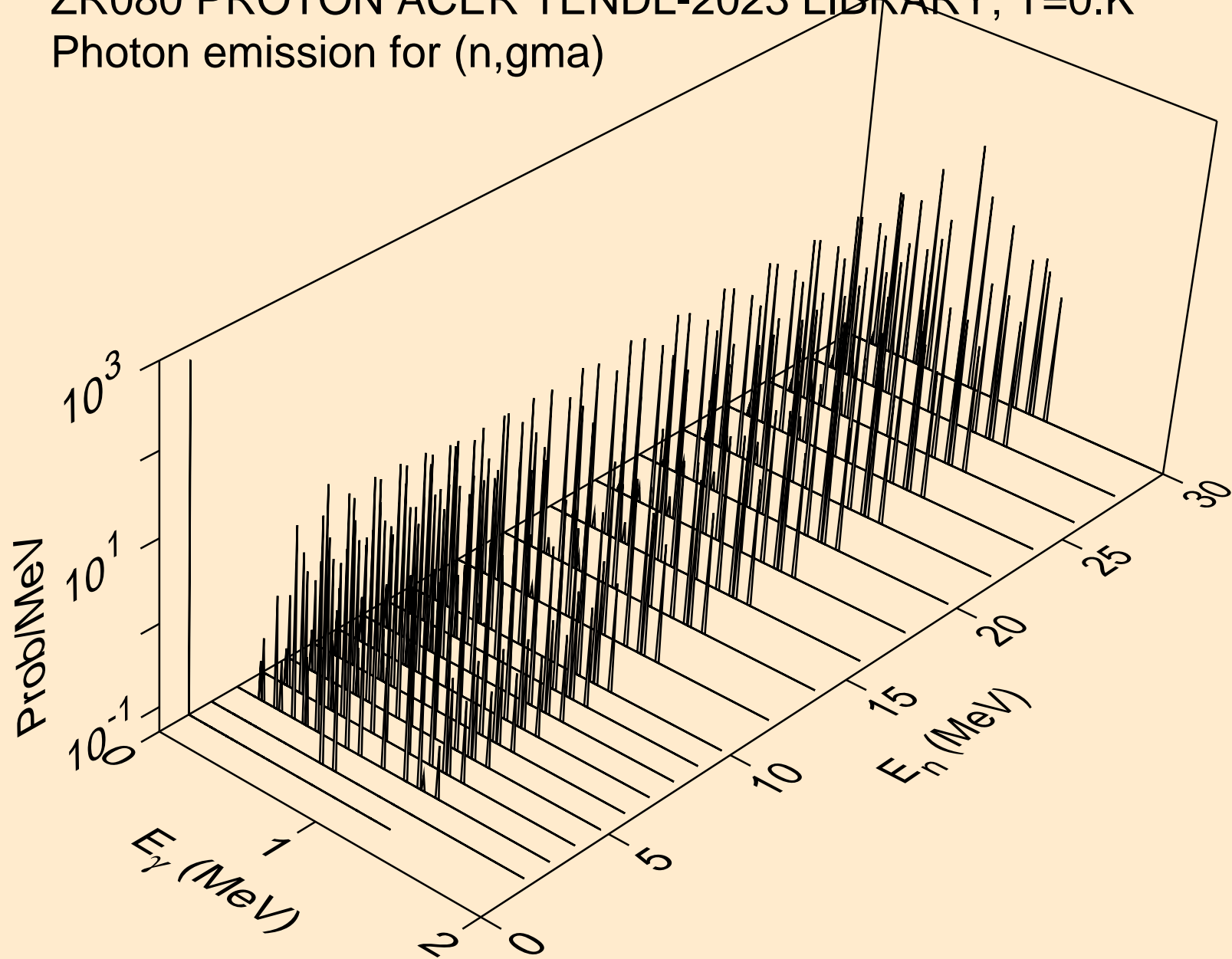
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Photon emission for (n,n2p)



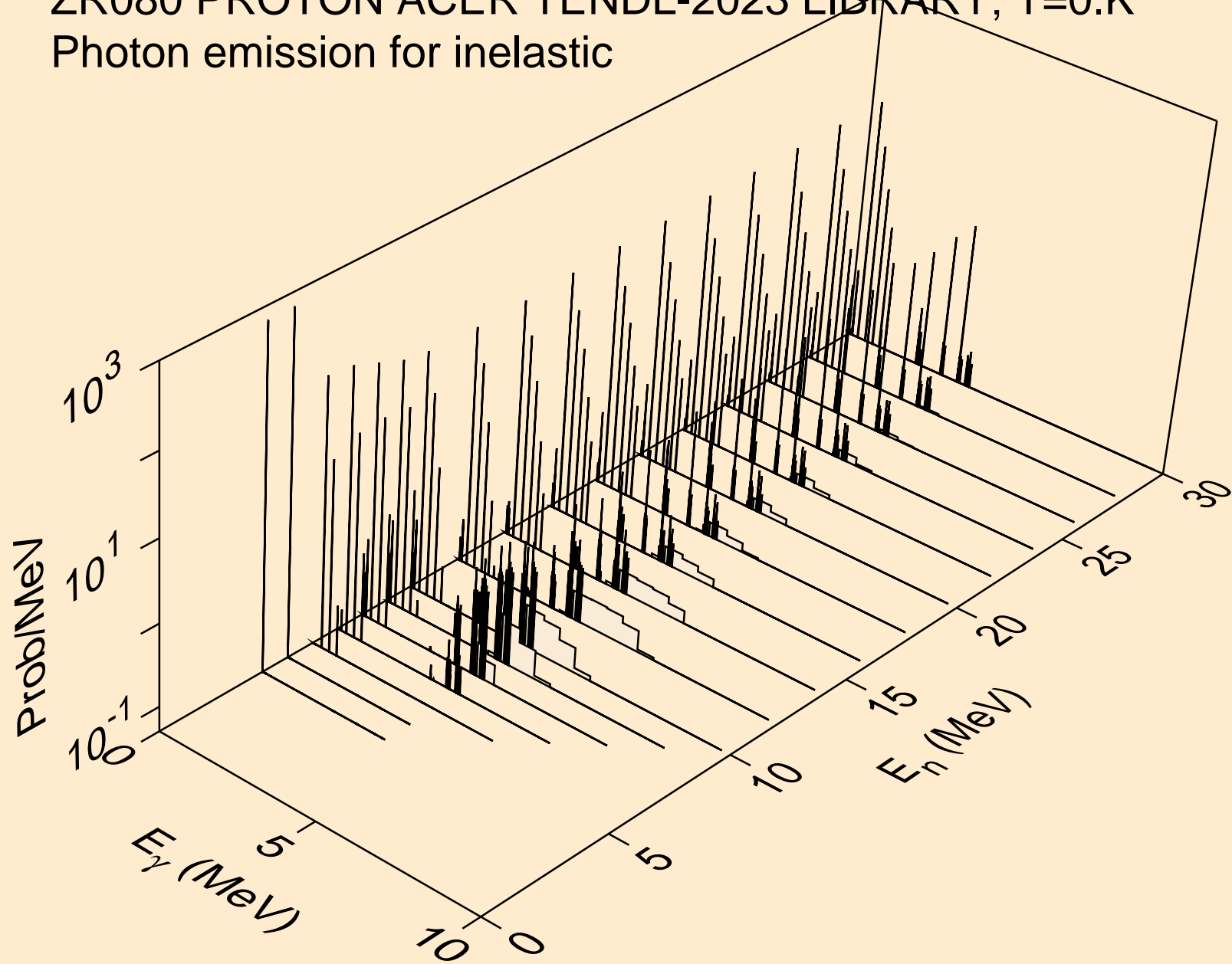
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Photon emission for (n,npa)



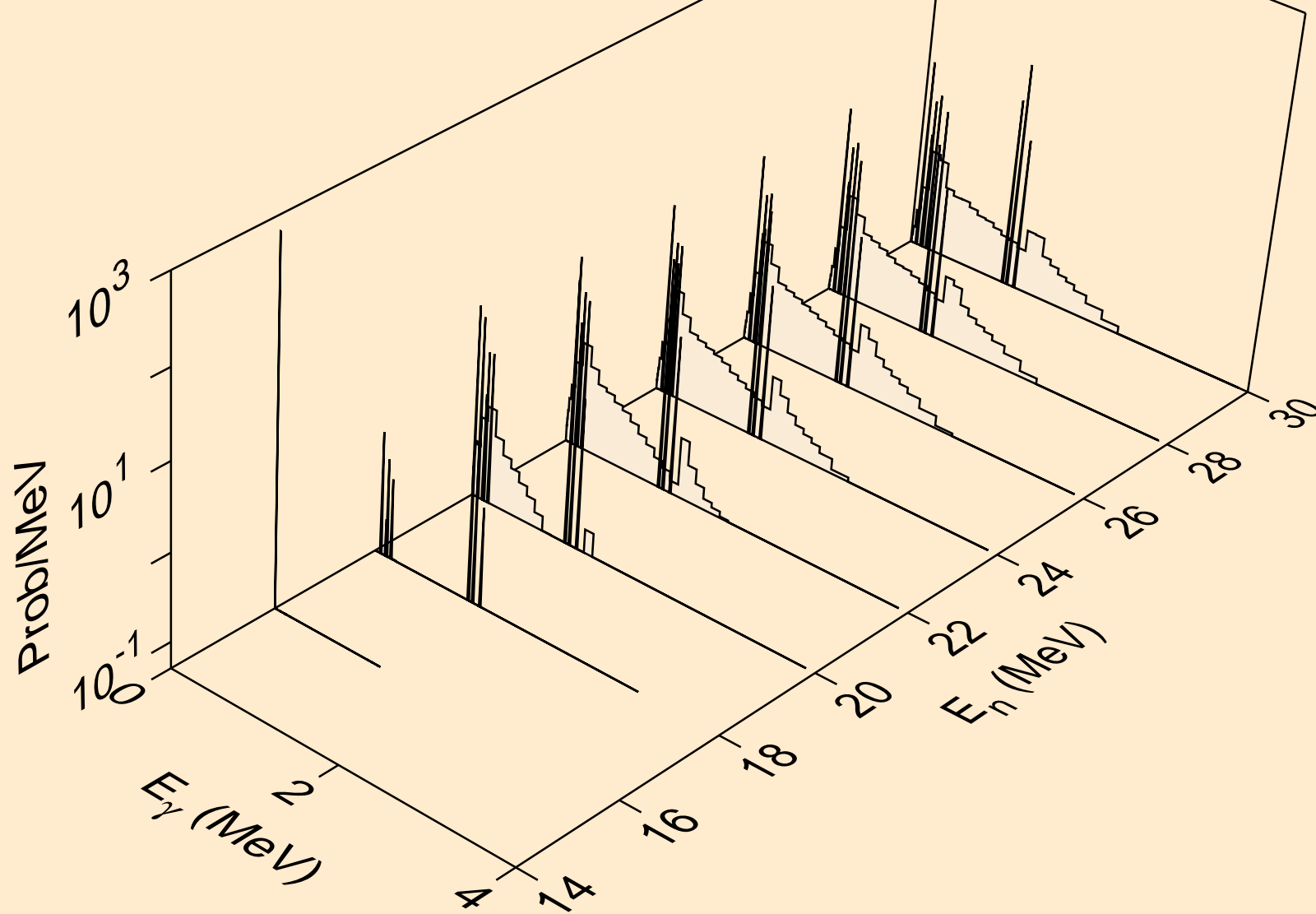
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Photon emission for (n,gma)



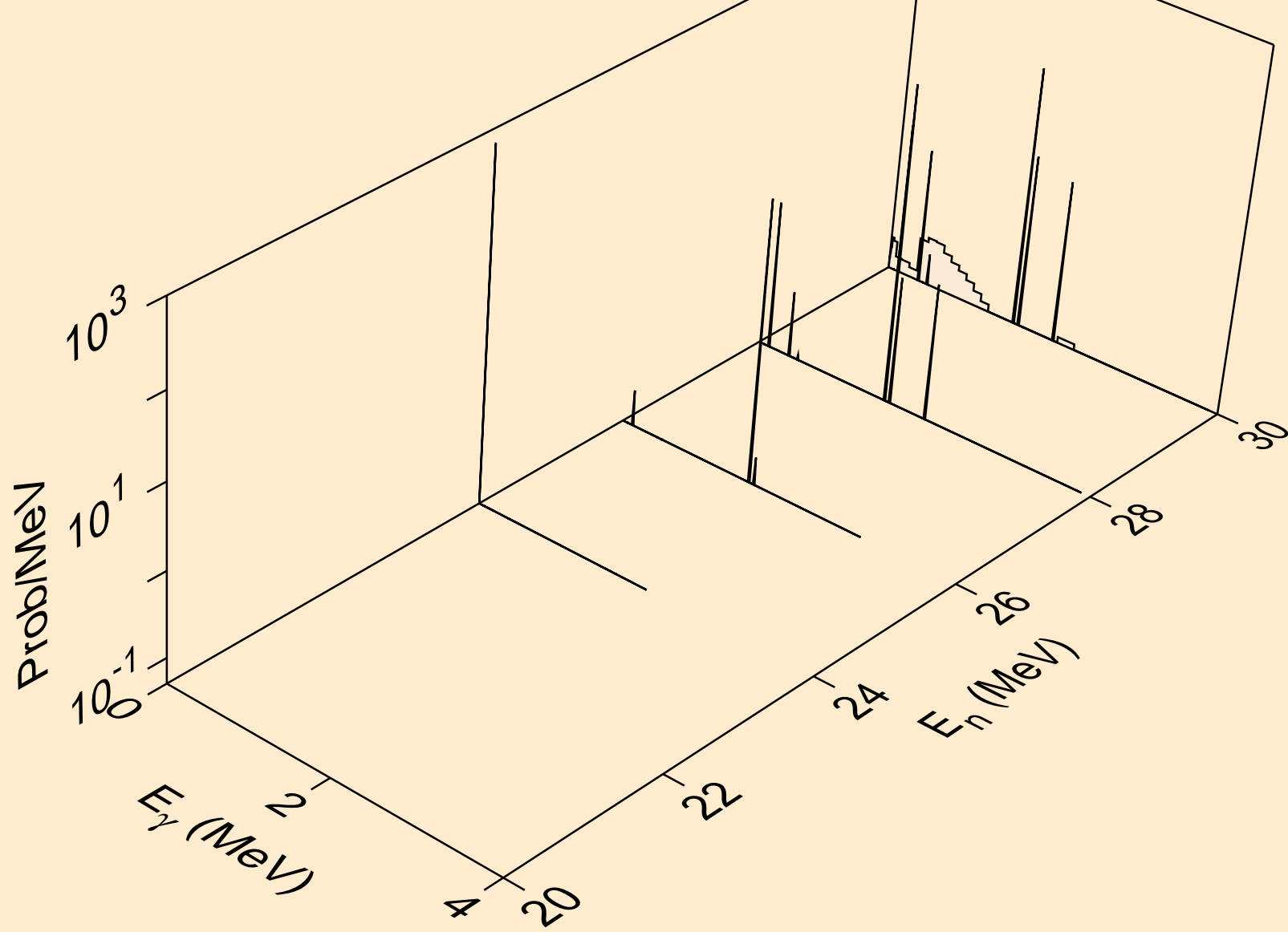
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



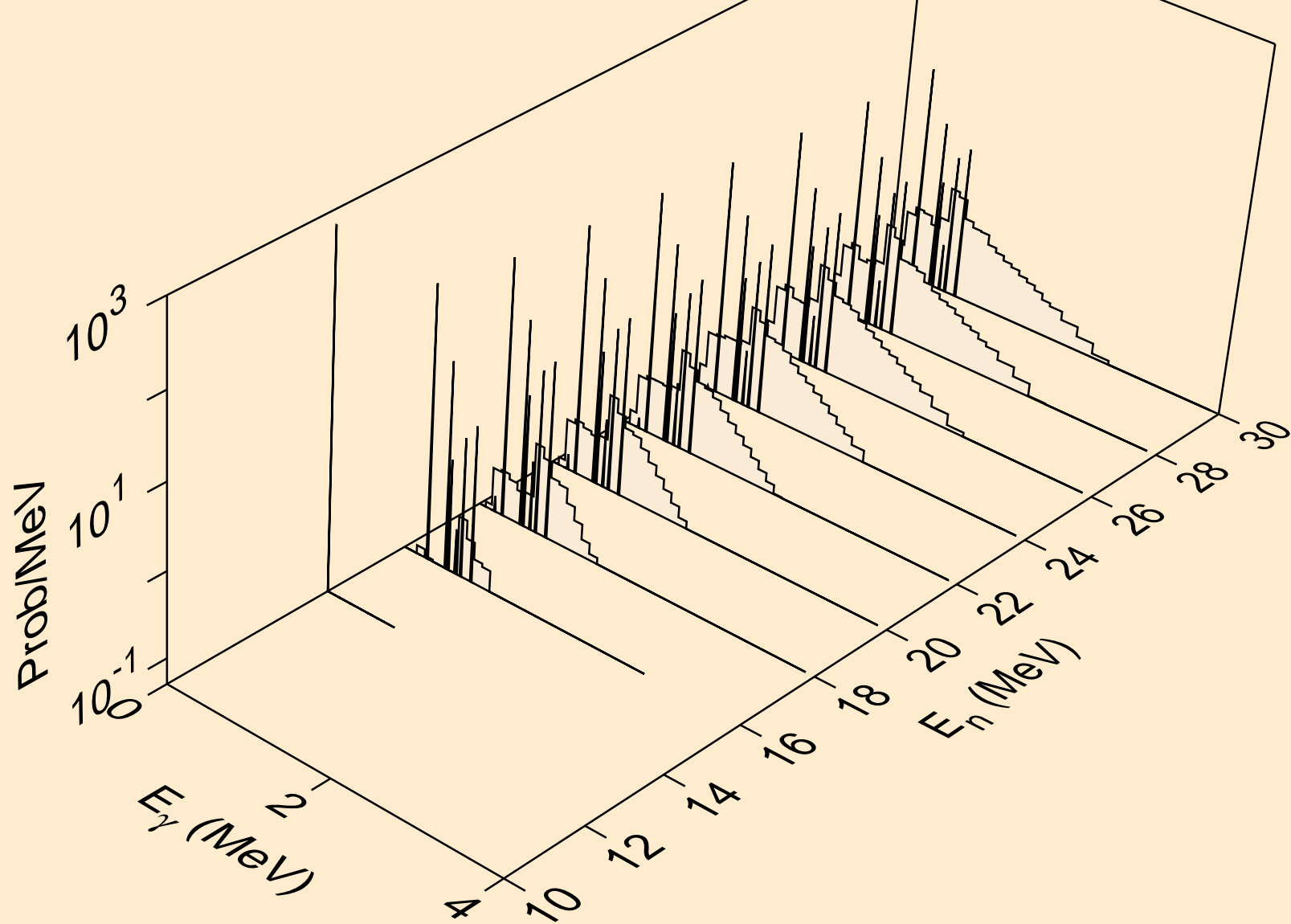
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Photon emission for (n,d)



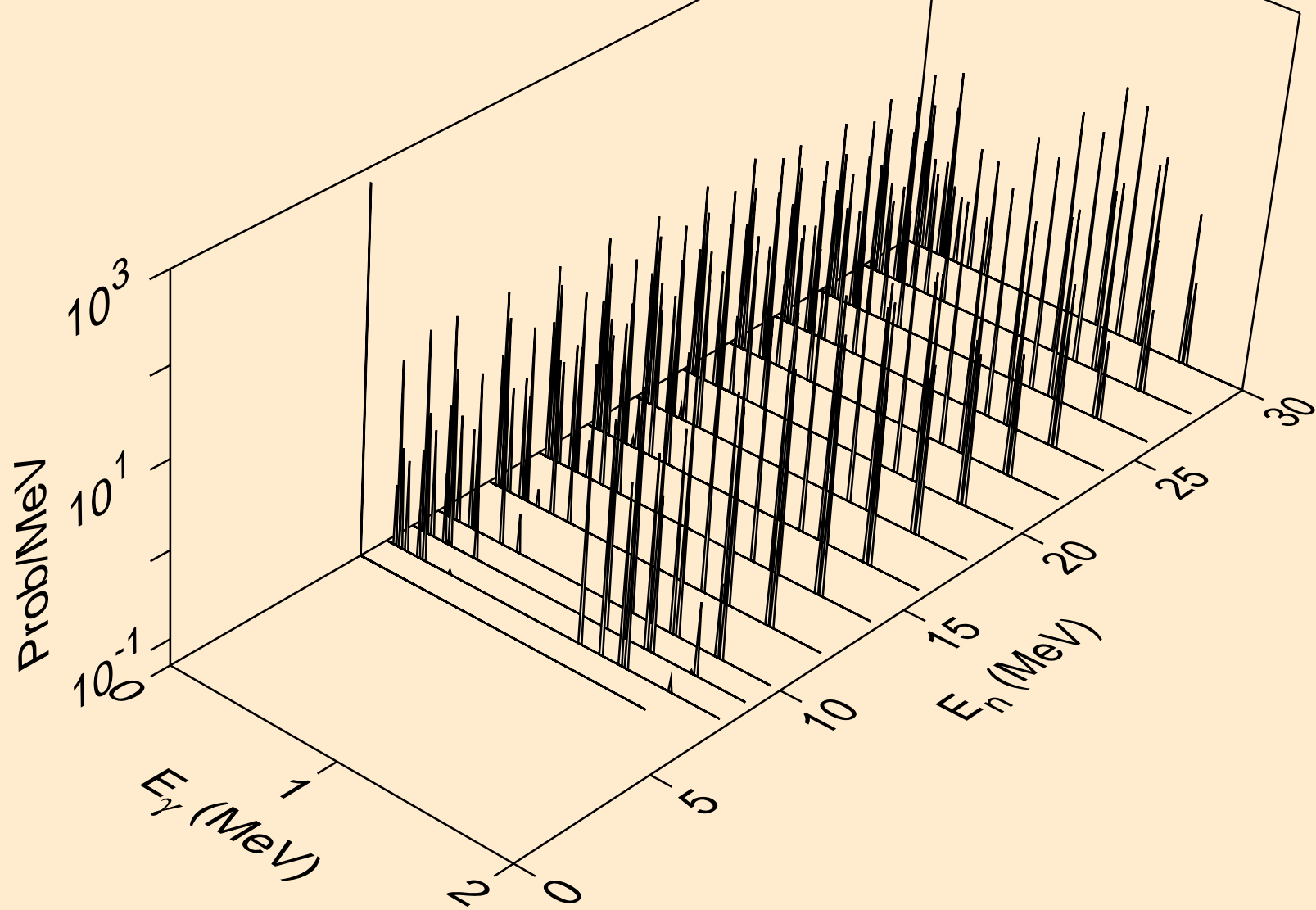
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Photon emission for (n,t)



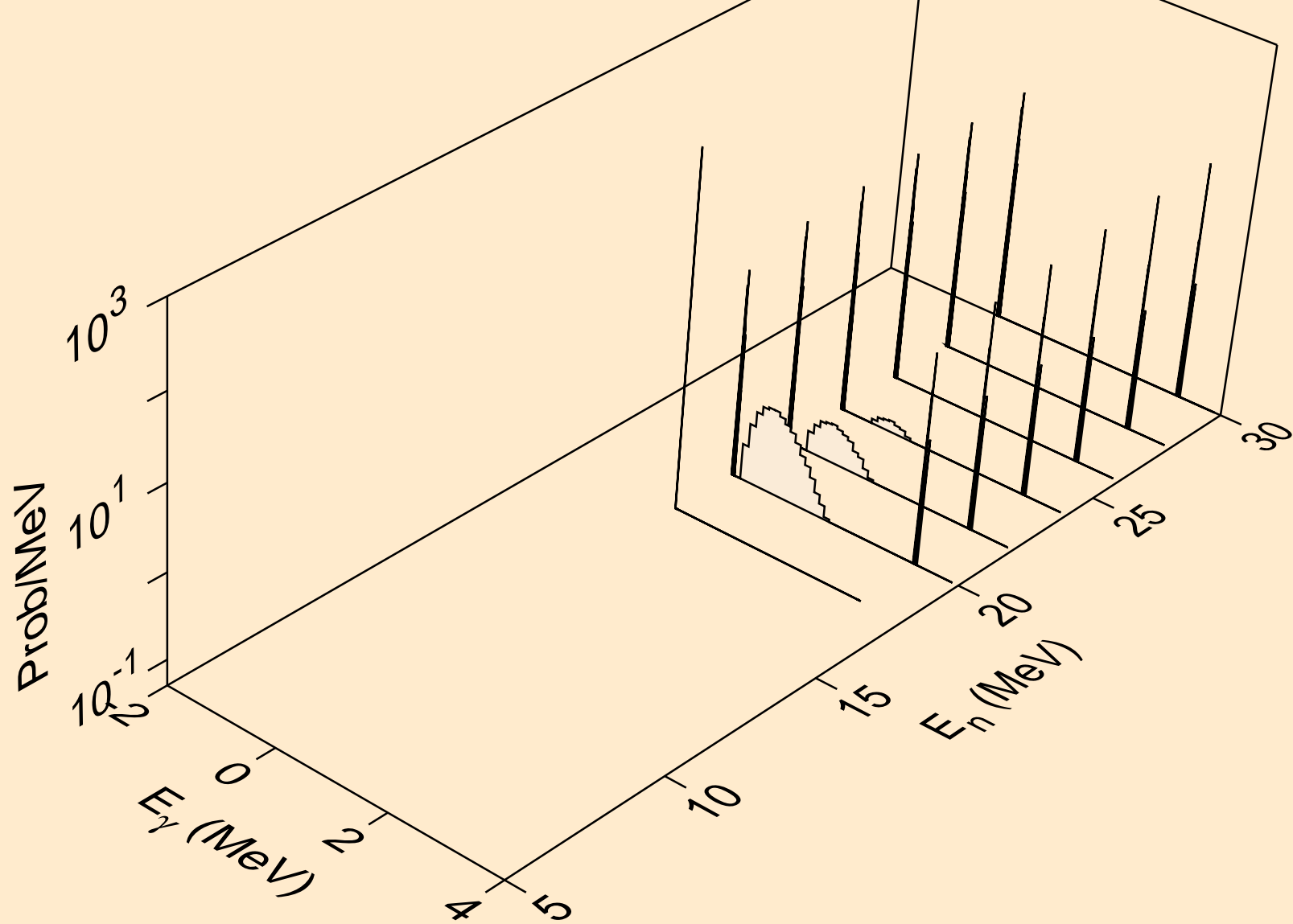
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Photon emission for (n,he3)



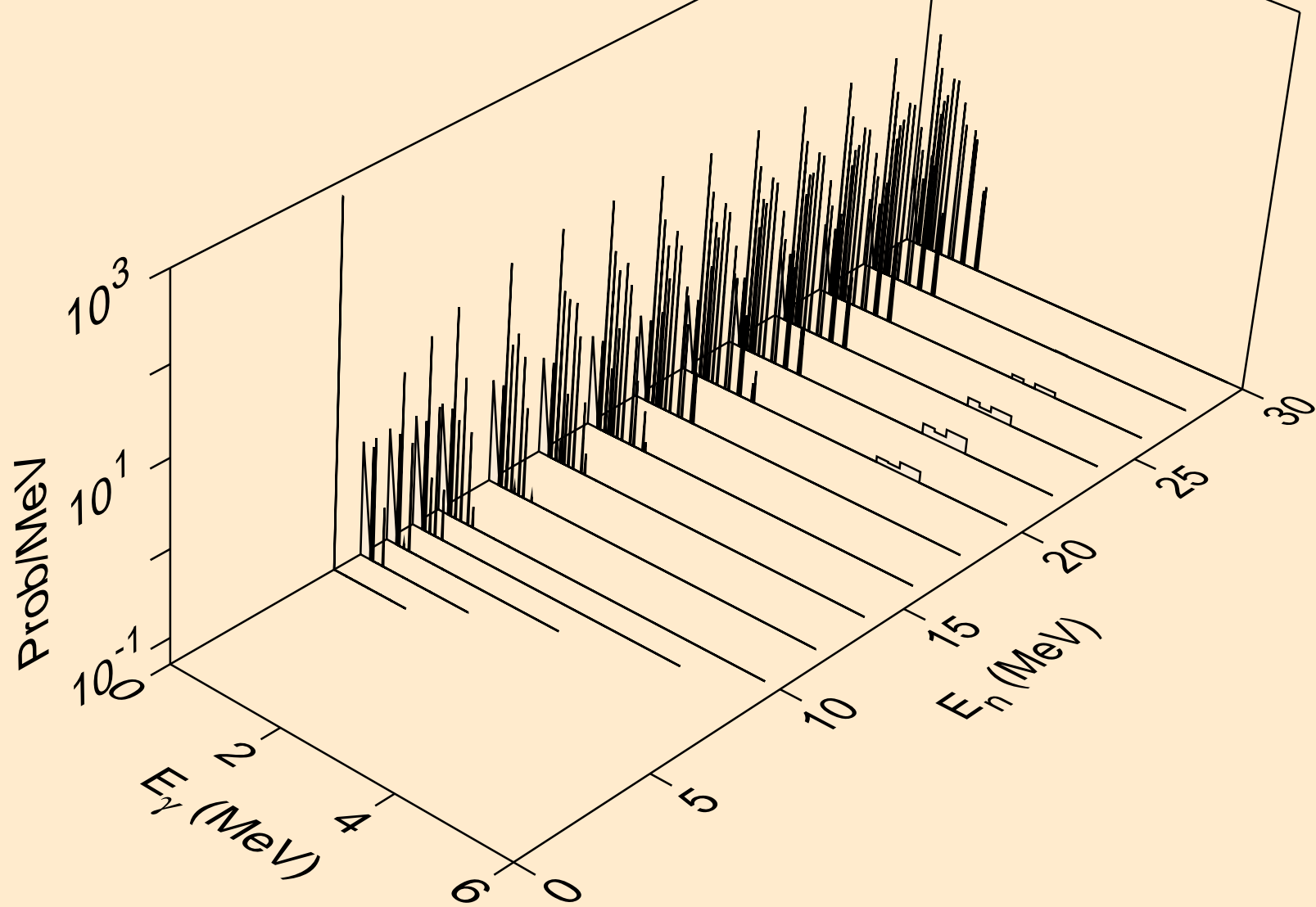
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Photon emission for (n,a)



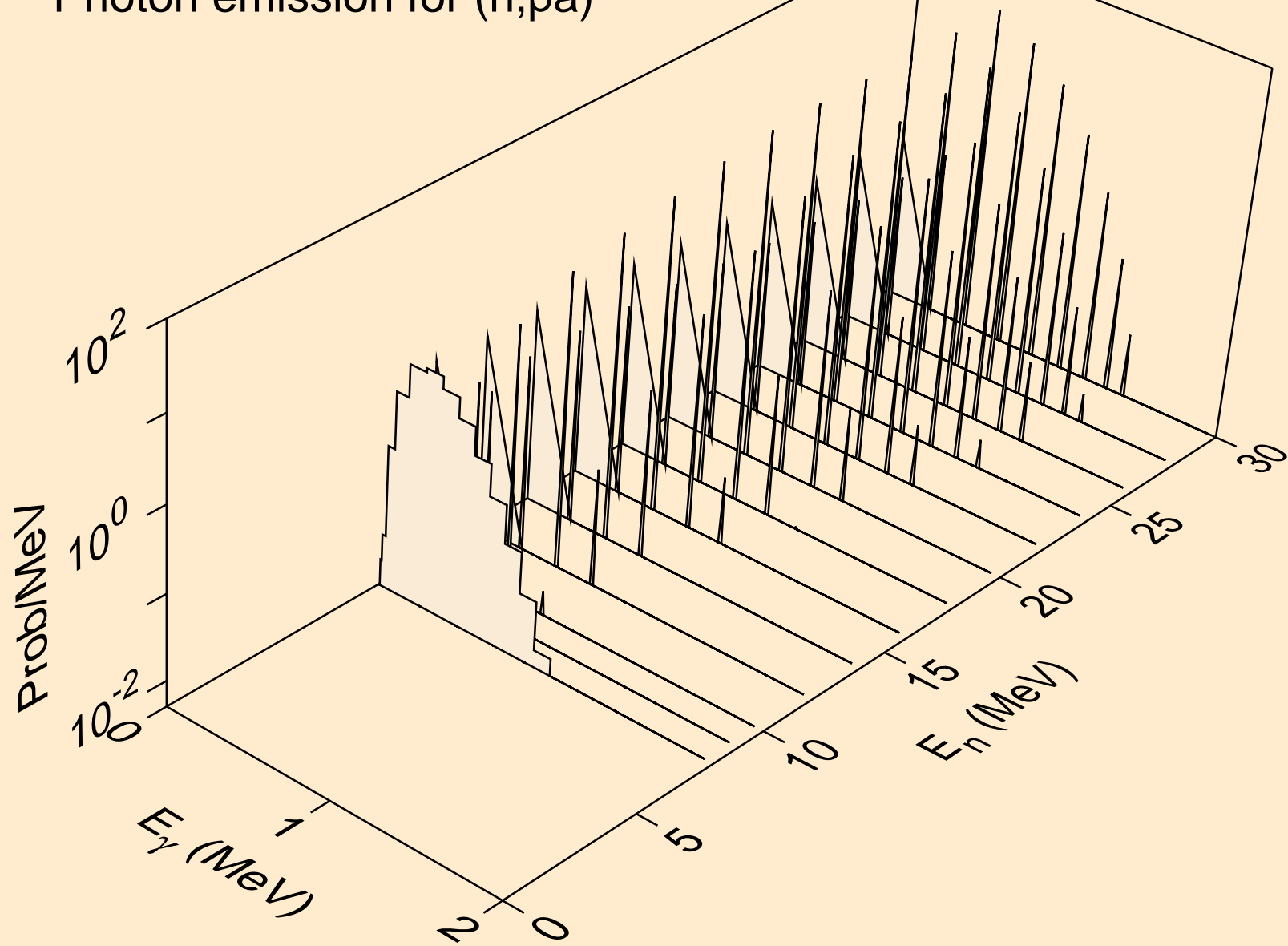
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Photon emission for (n,2a)



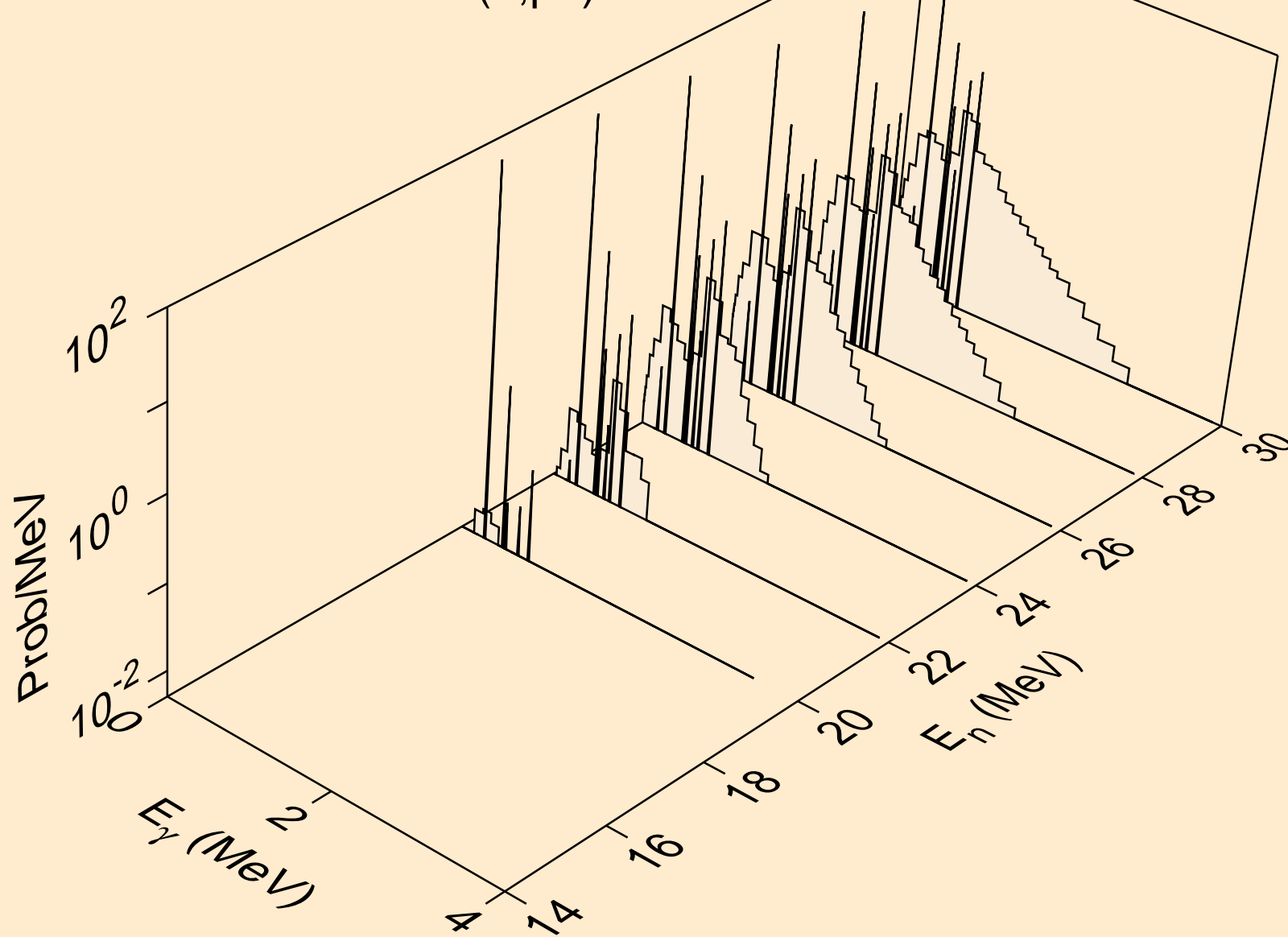
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Photon emission for (n,2p)



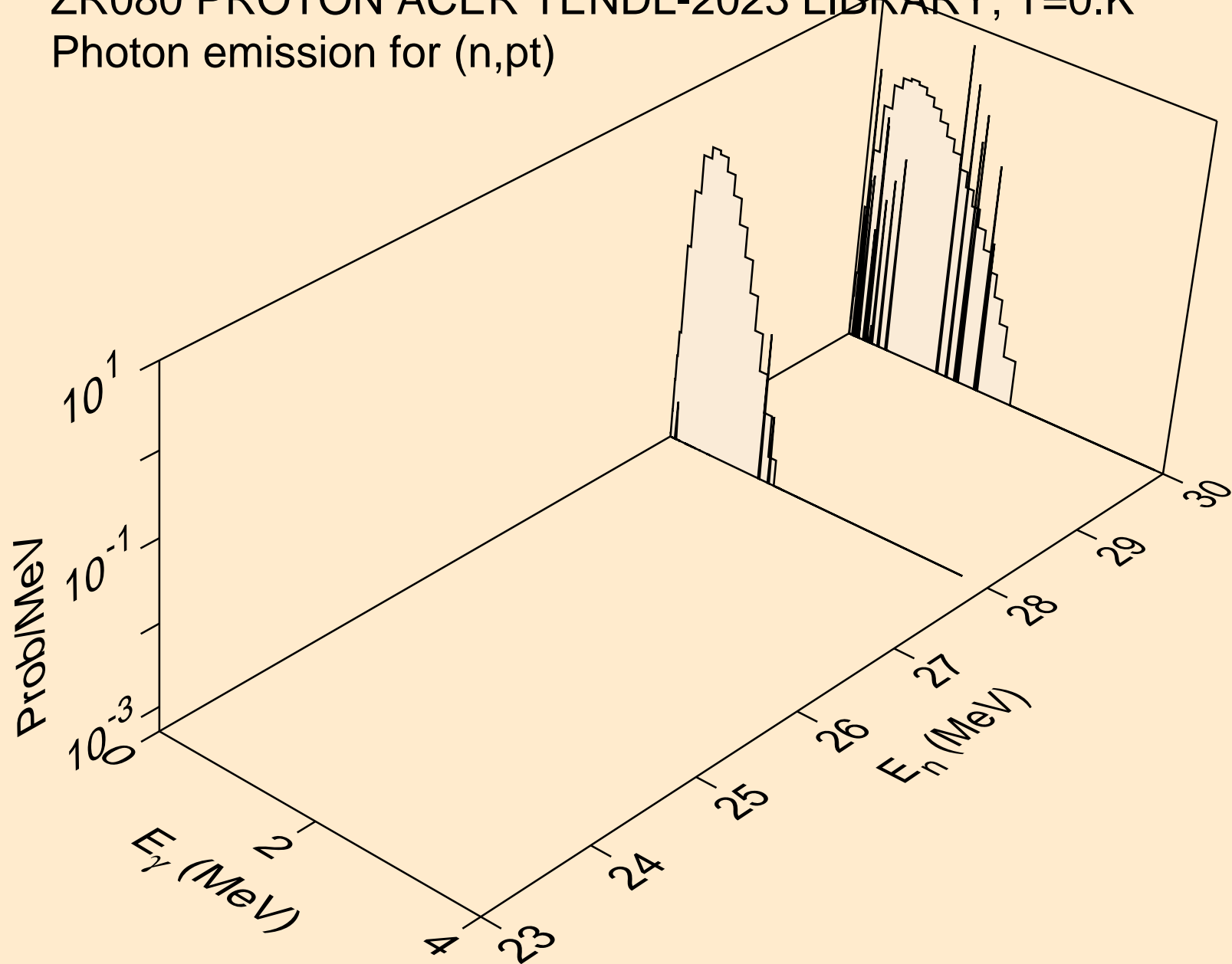
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

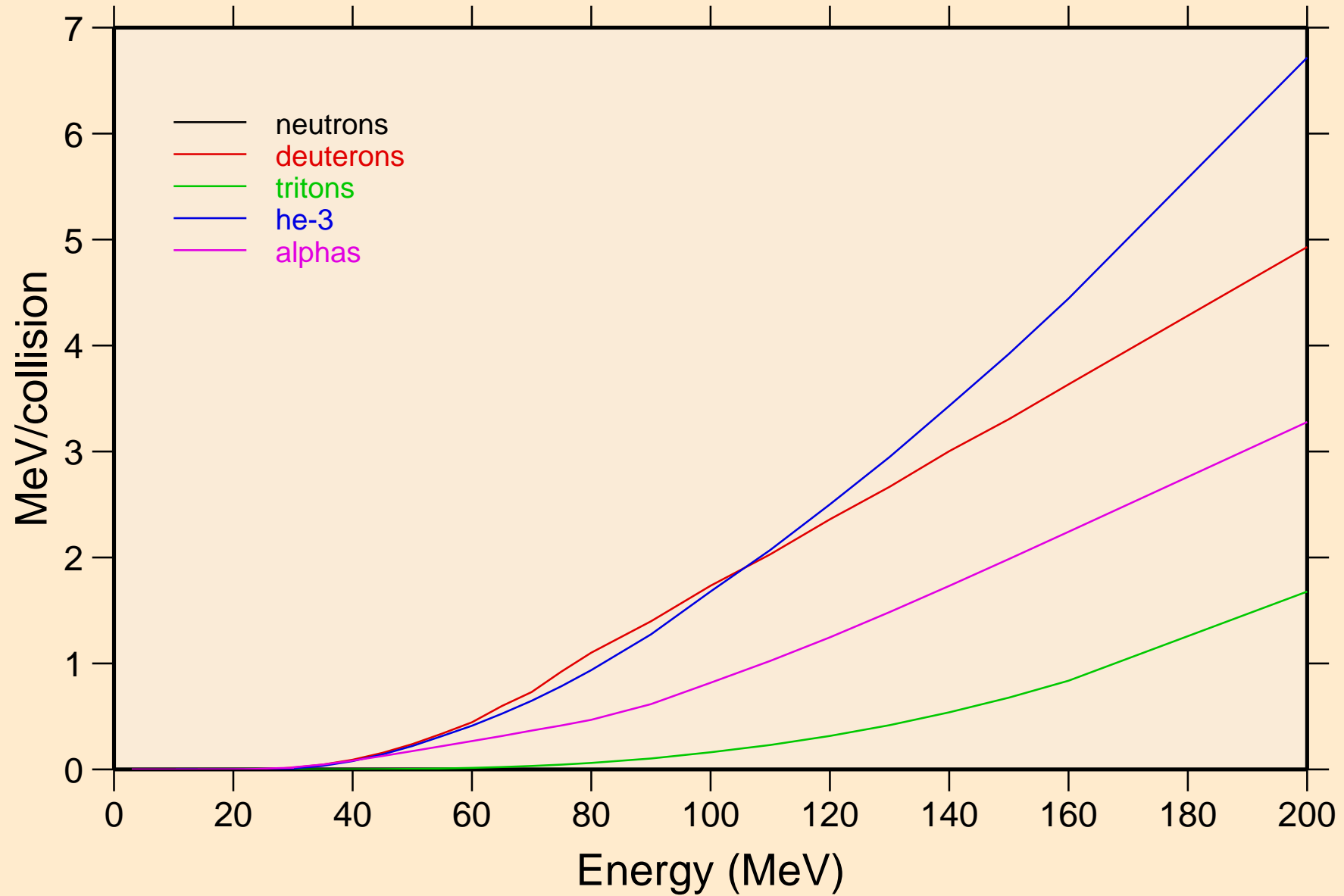


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Photon emission for (n,pt)



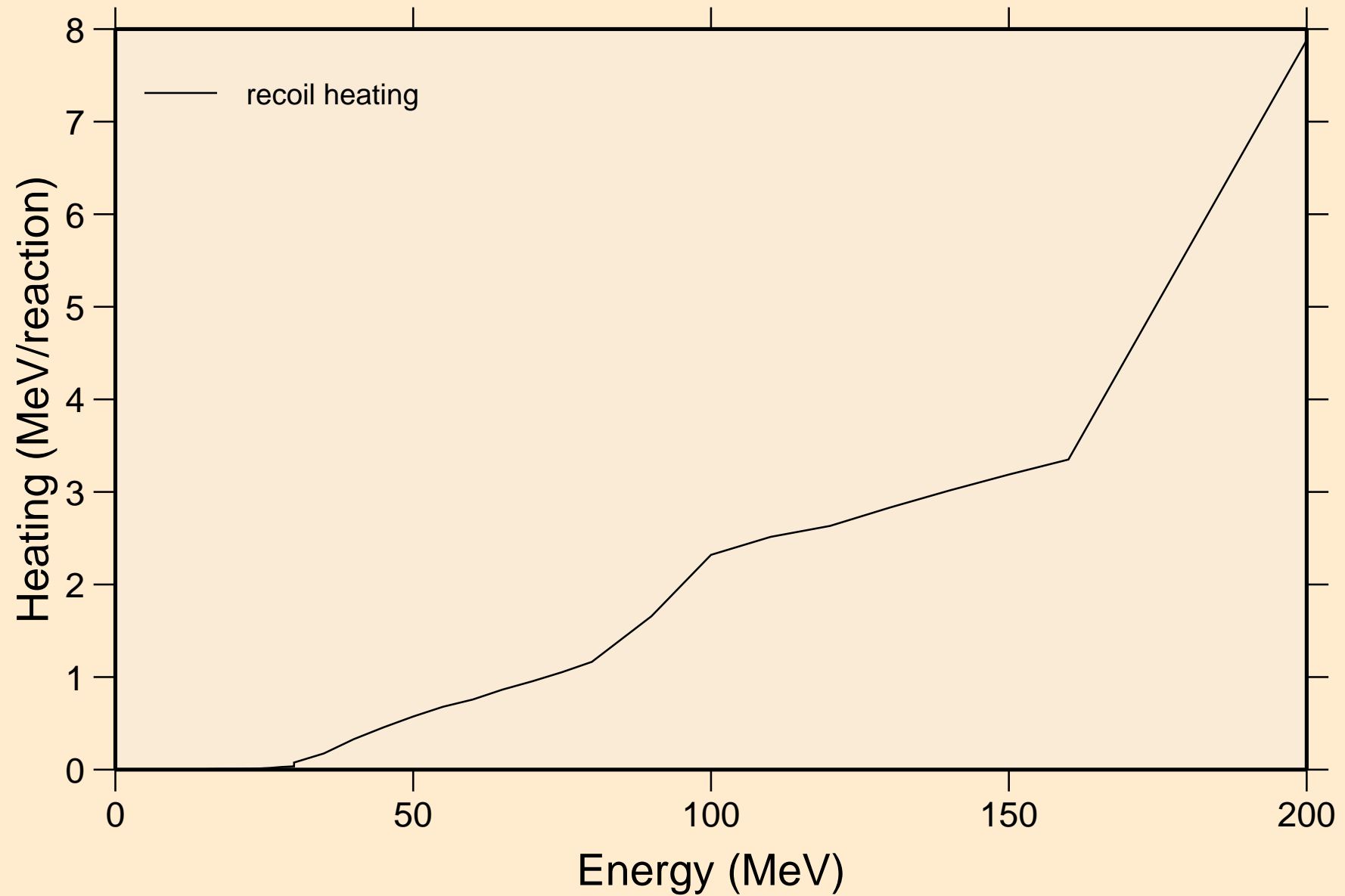
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Particle heating contributions

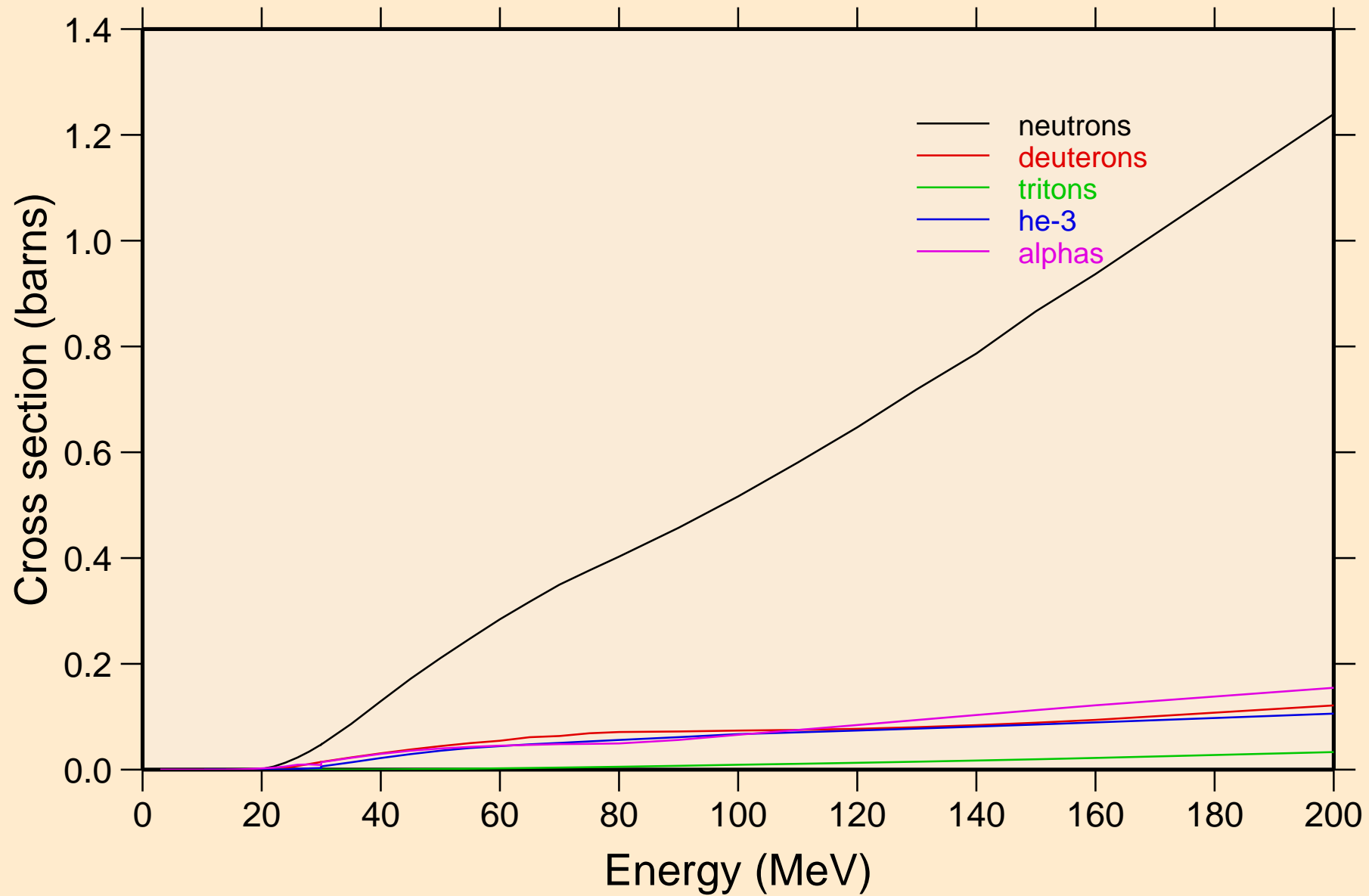


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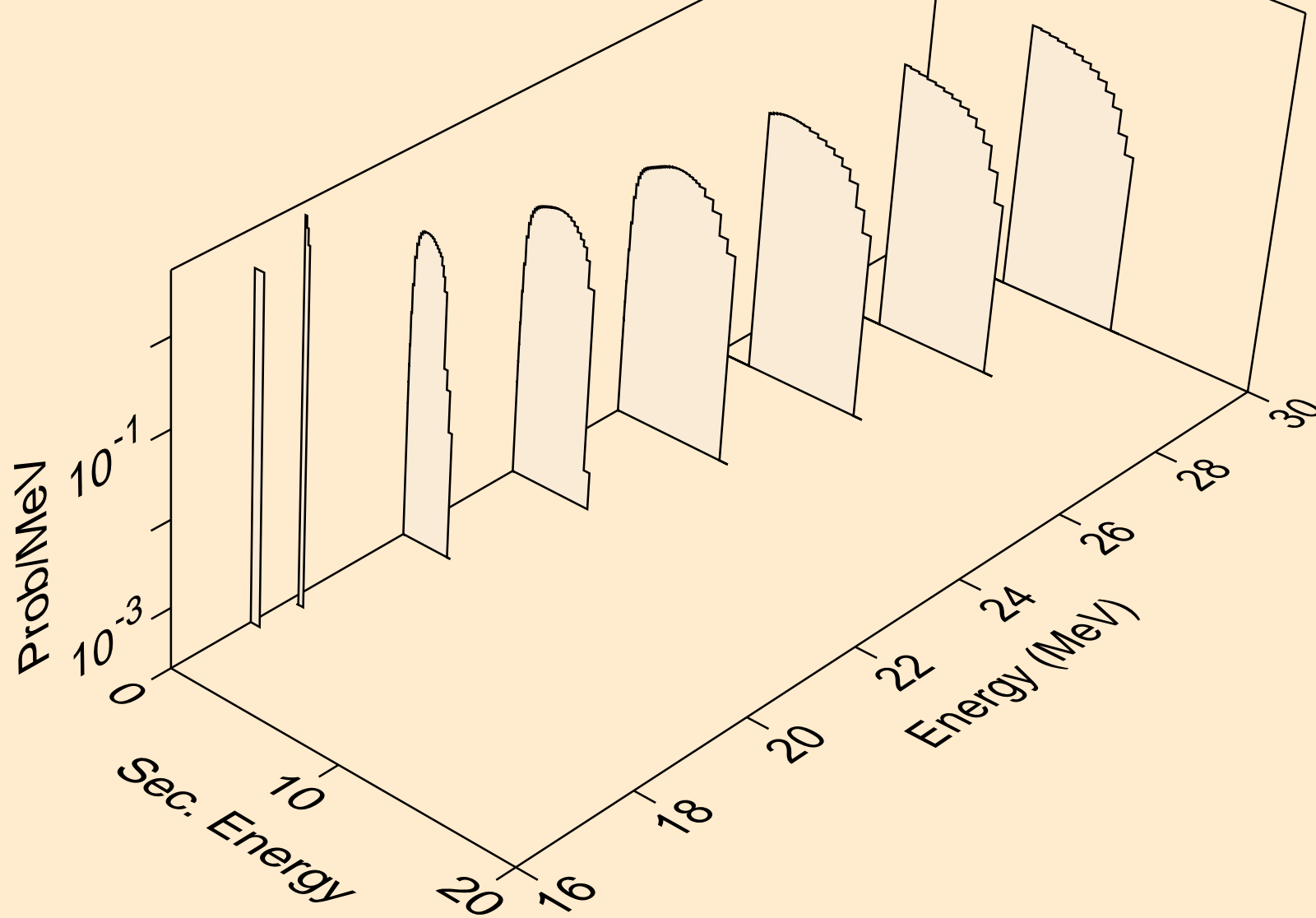
Recoil Heating



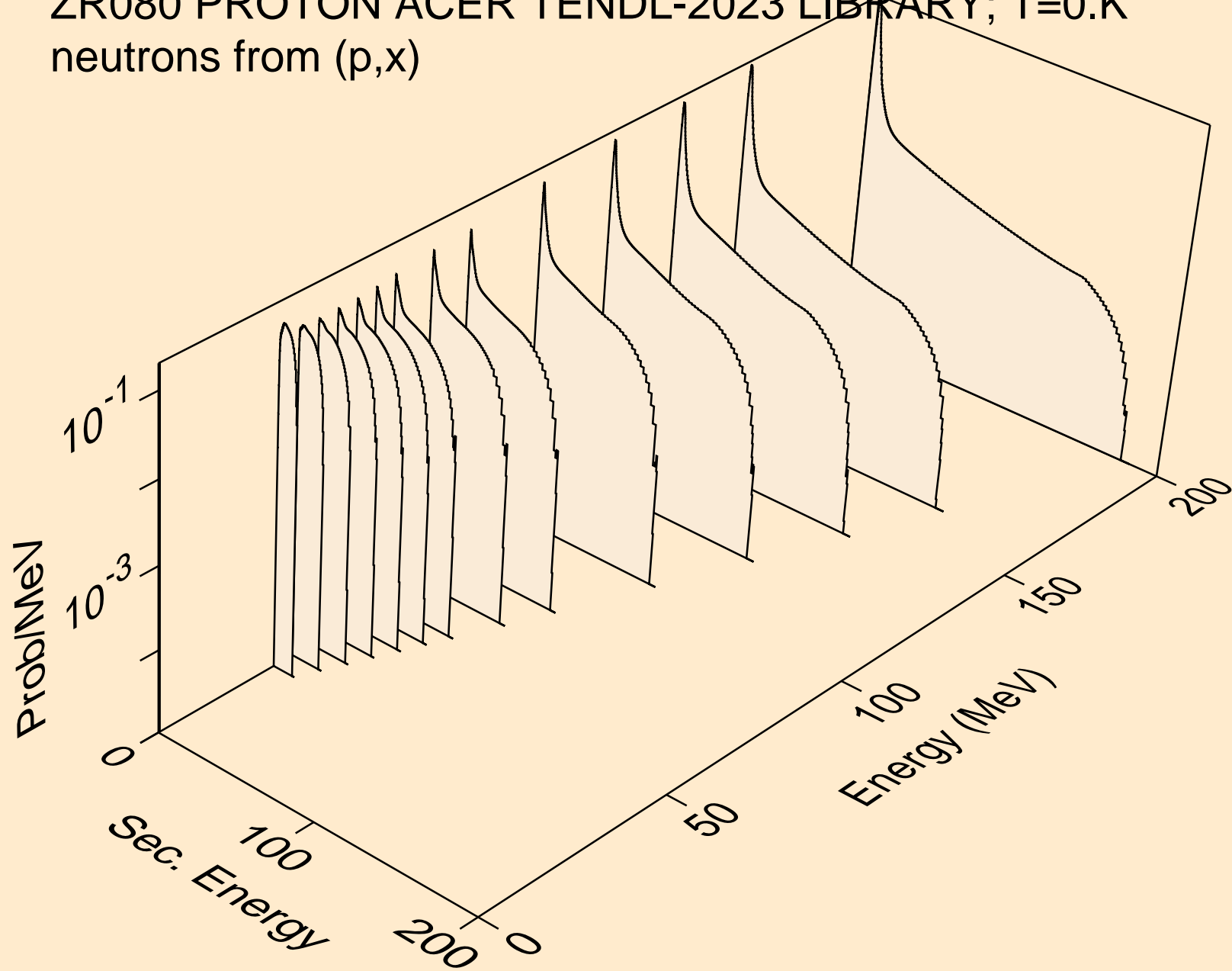
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



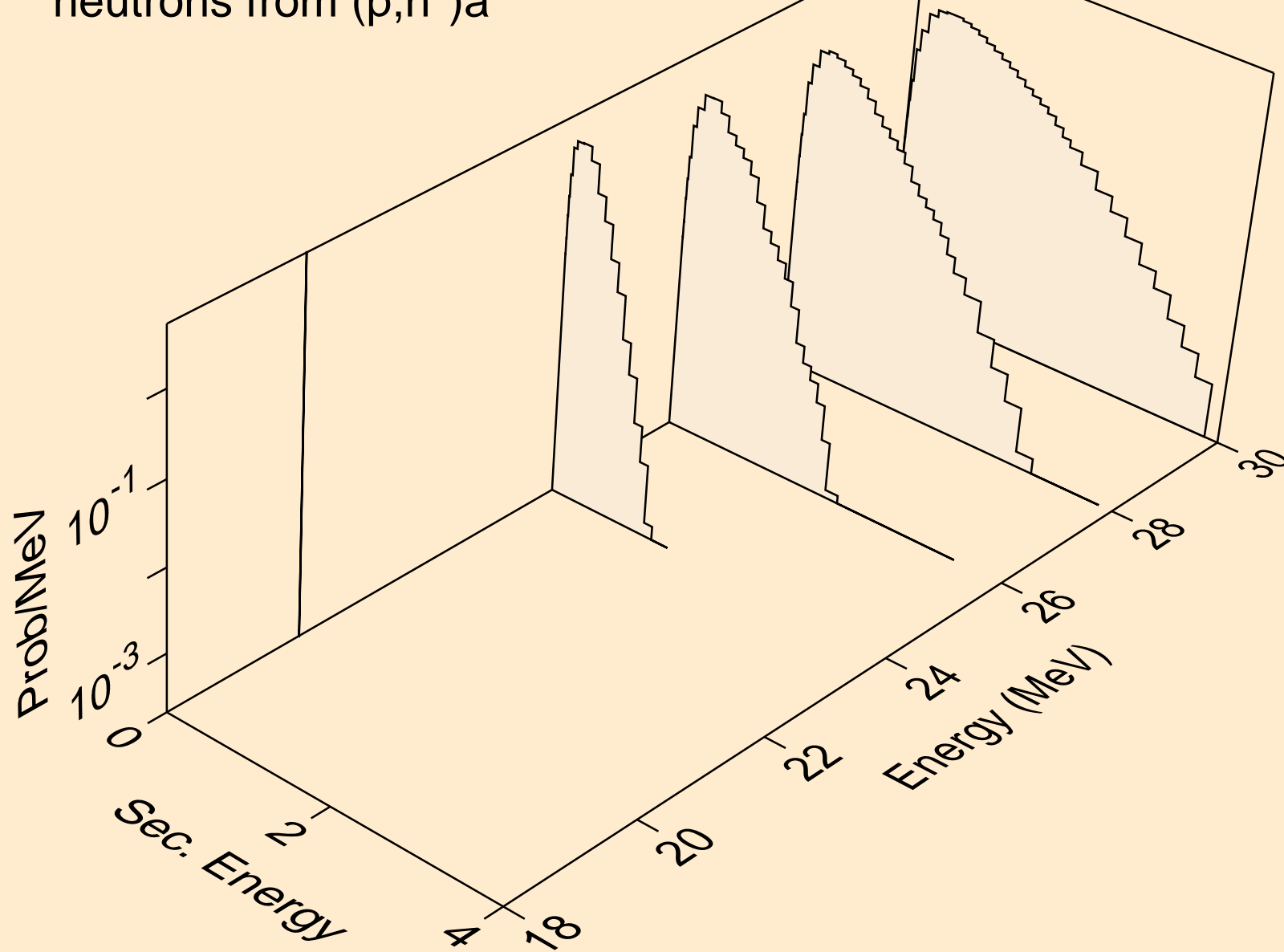
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neutrons from (p,n)



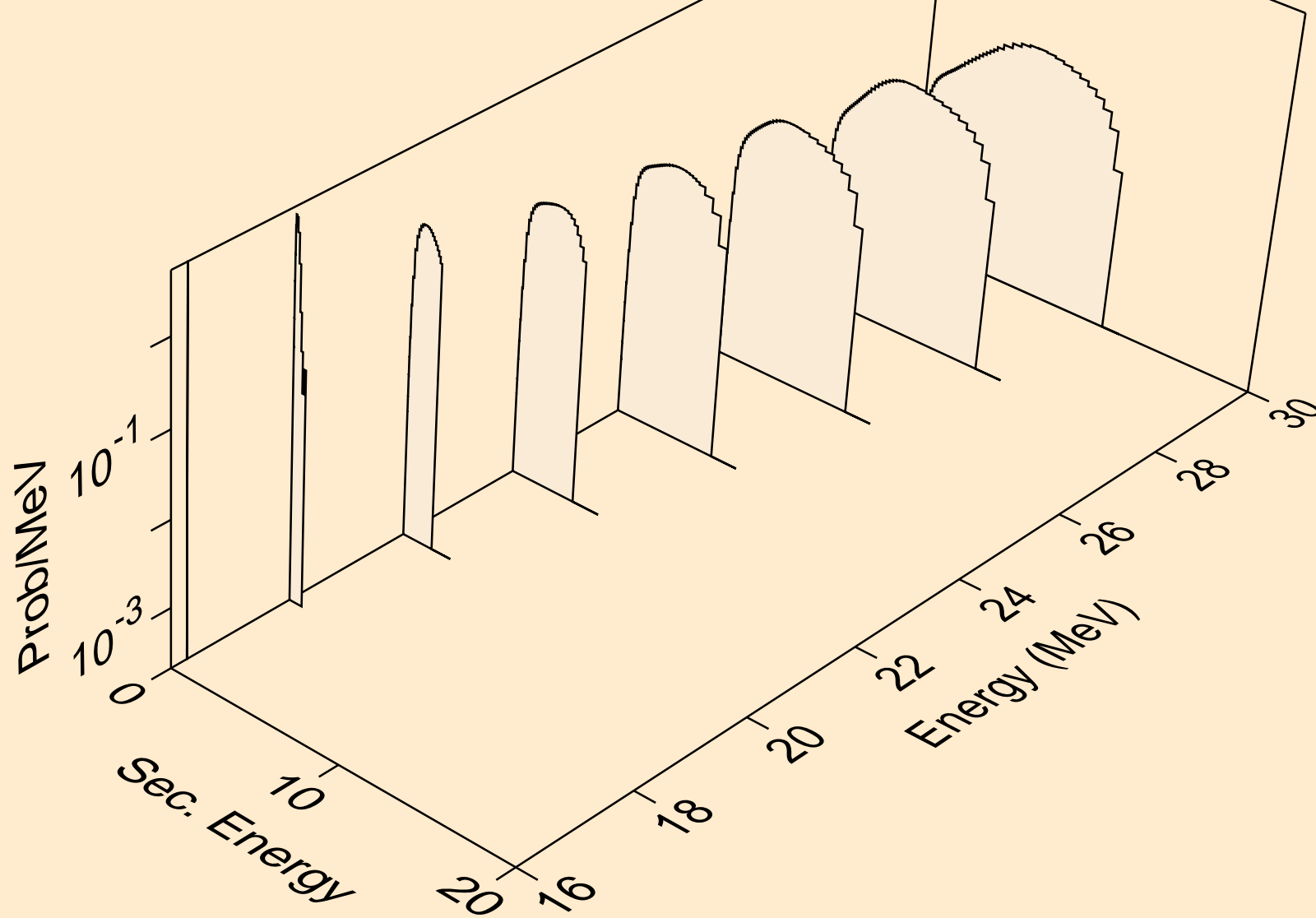
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neutrons from (p,x)



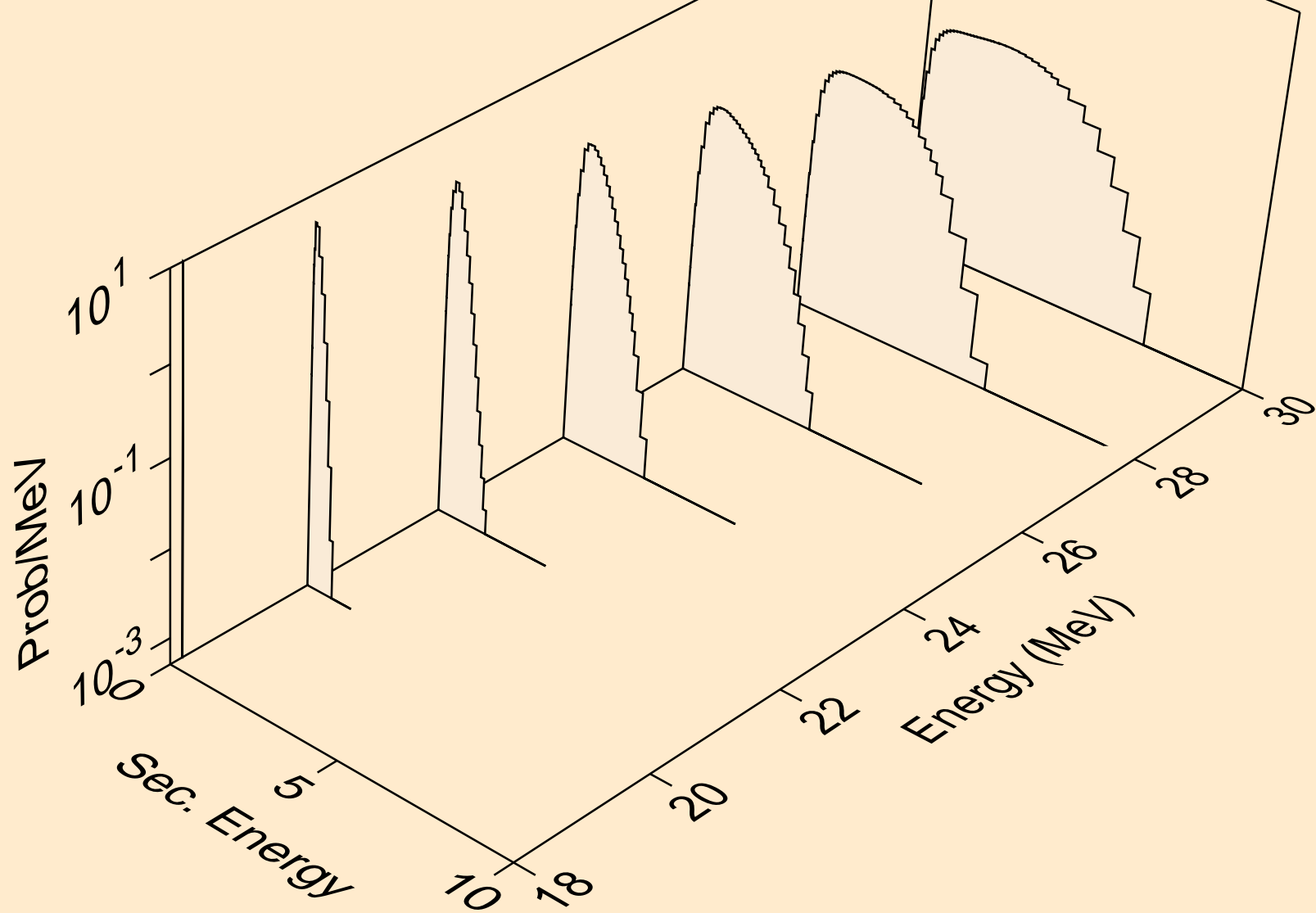
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neutrons from (p,n*)a



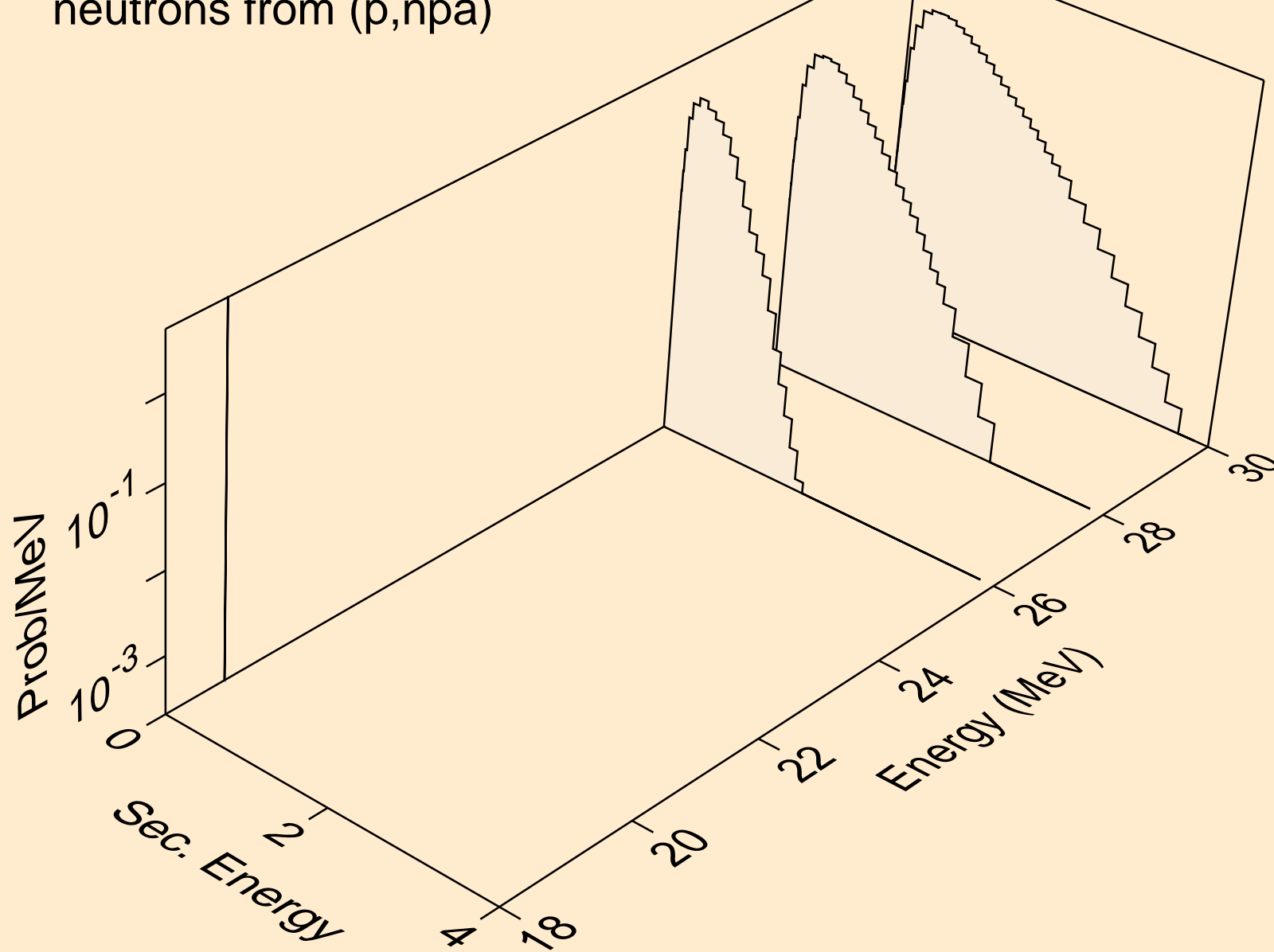
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neutrons from (p,n*)p



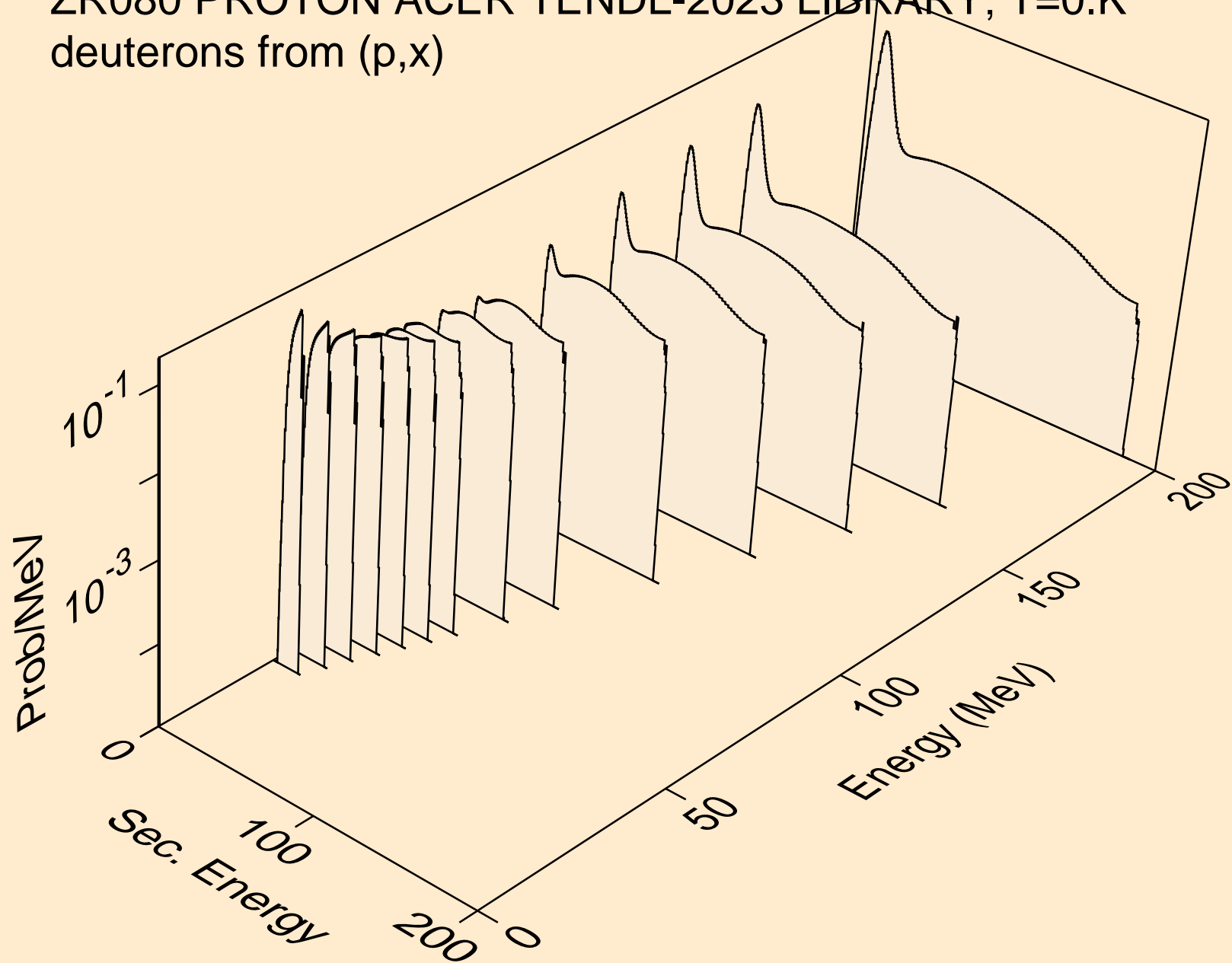
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neutrons from (p,n2p)



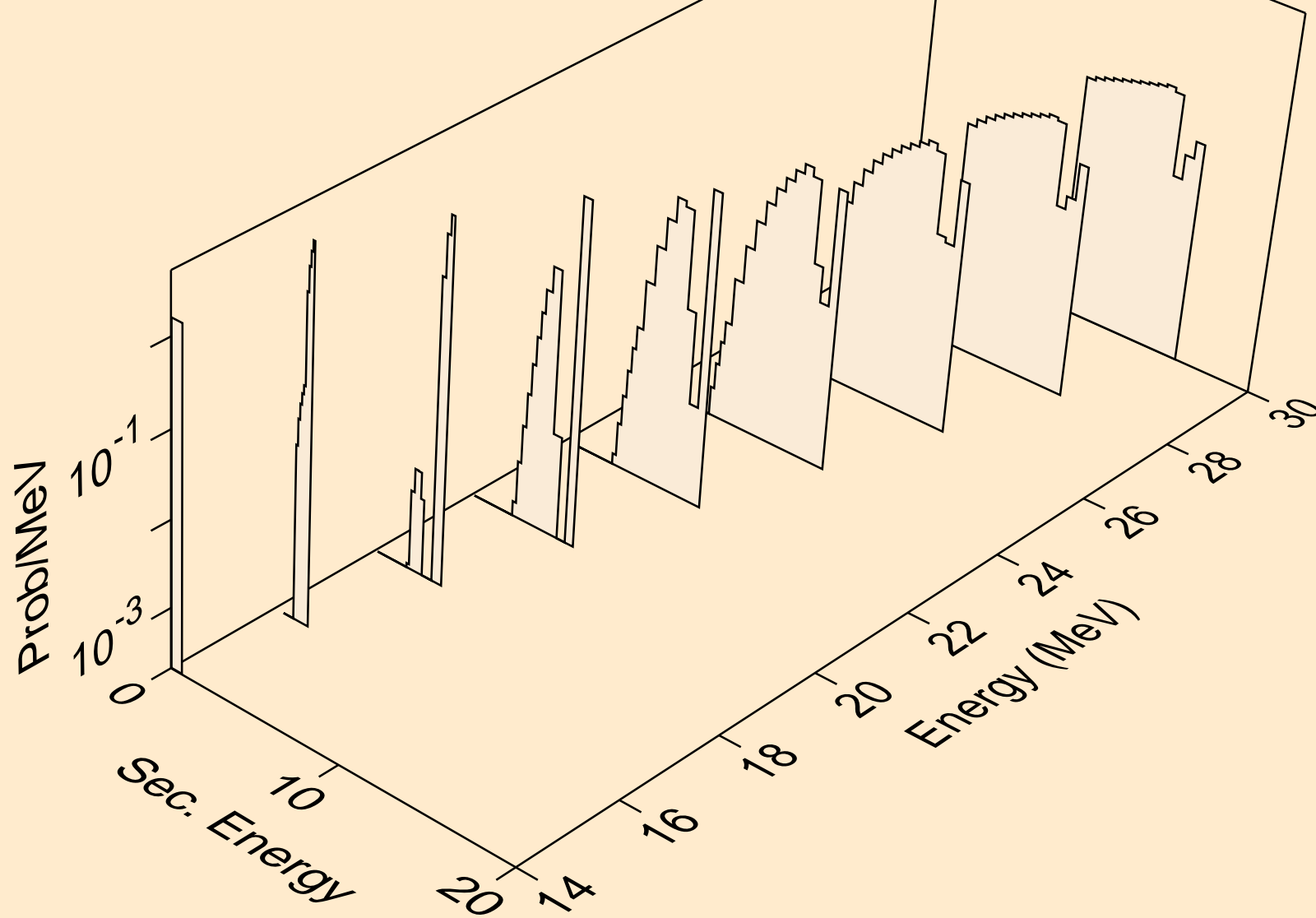
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neutrons from (p,npa)



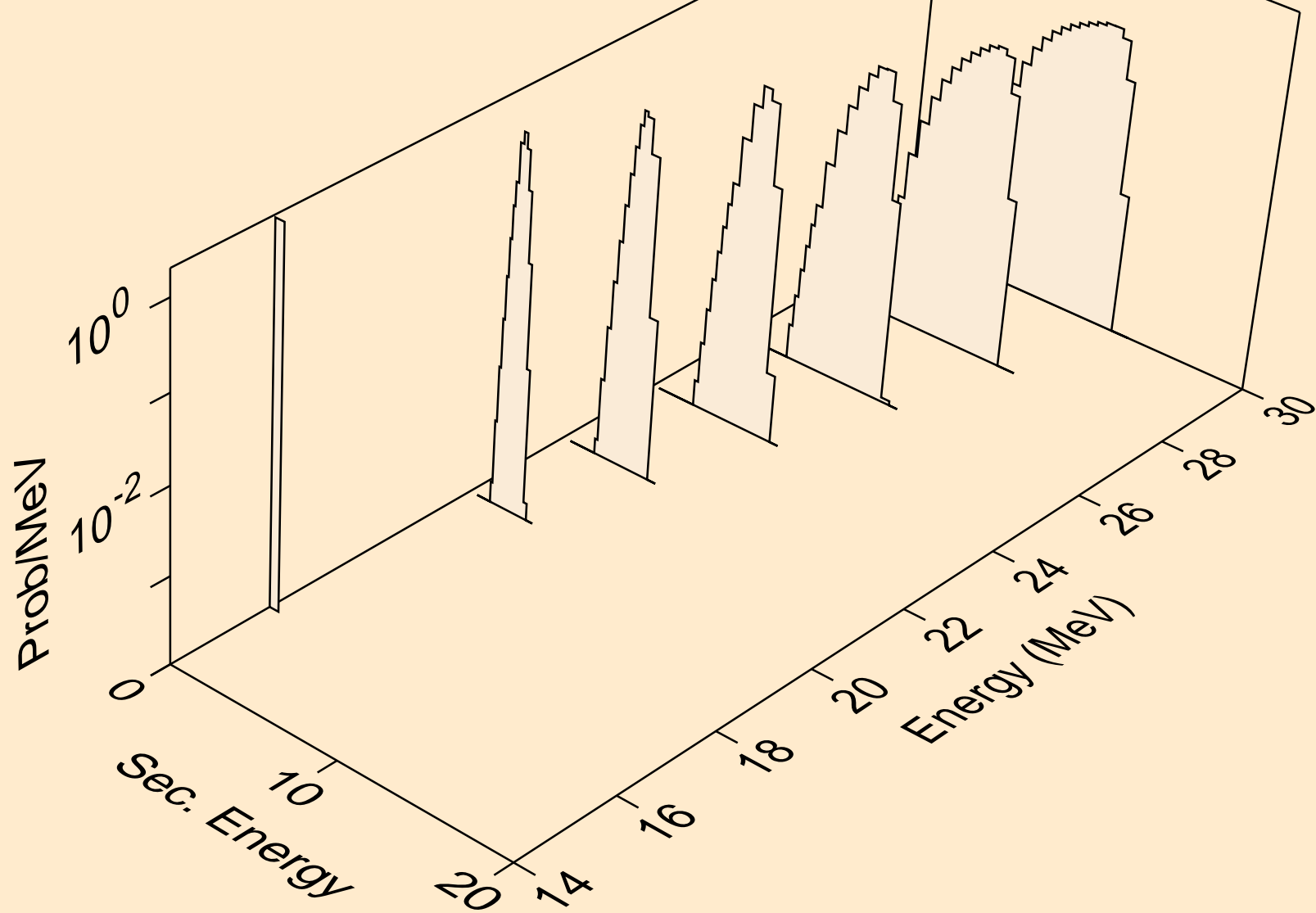
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deuterons from (p,x)



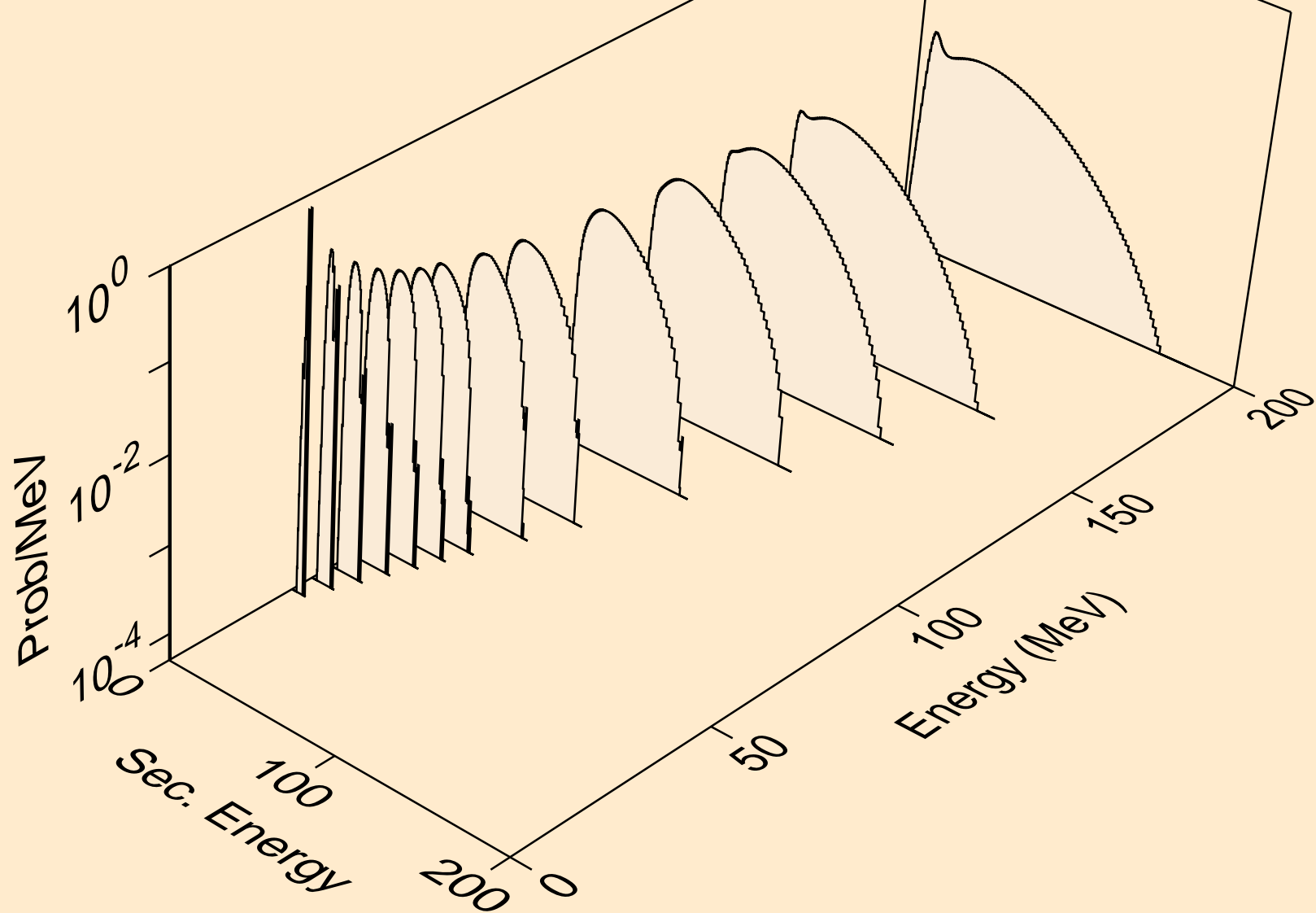
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deuterons from (p,d)



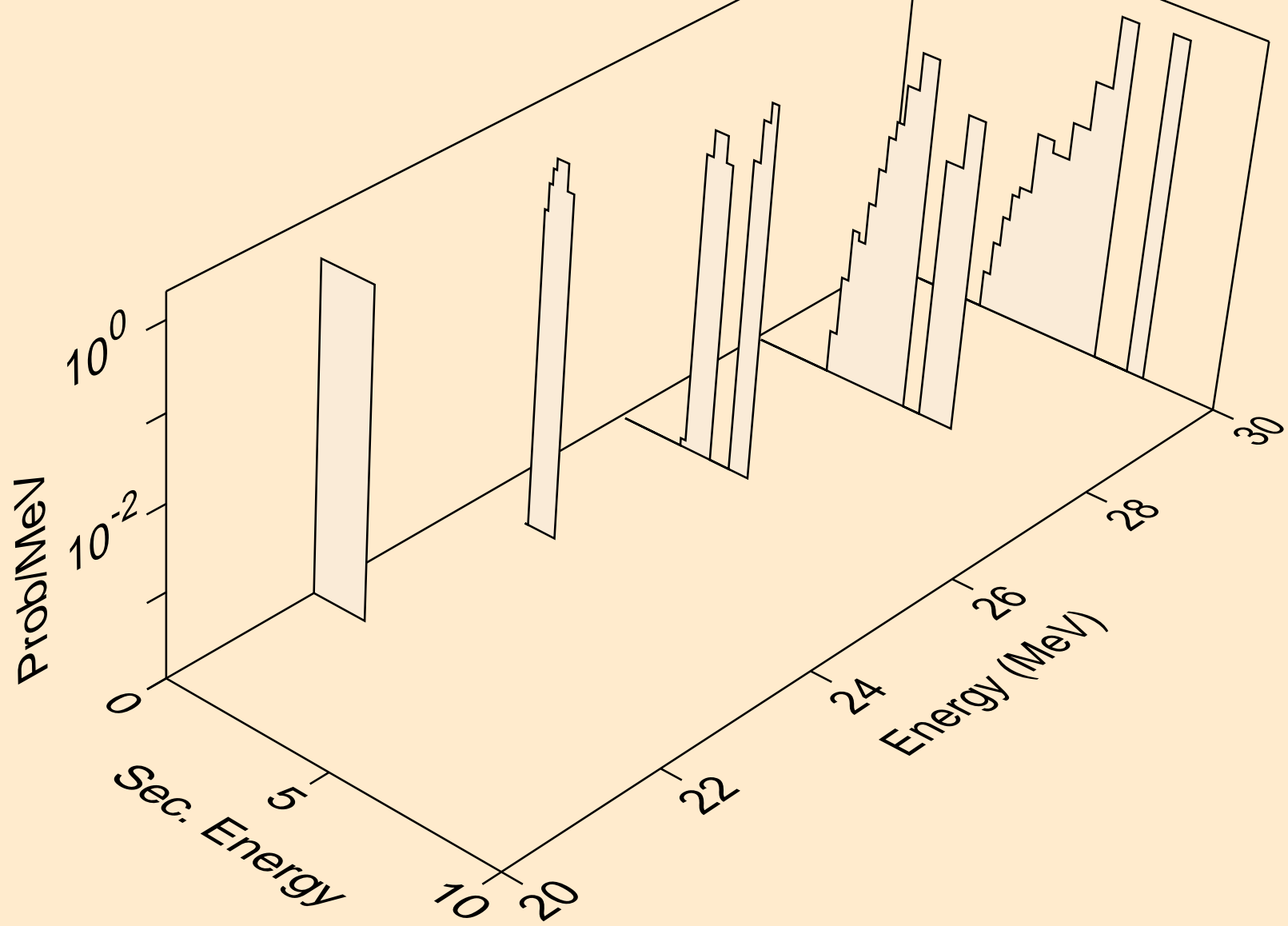
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deuterons from (p,pd)



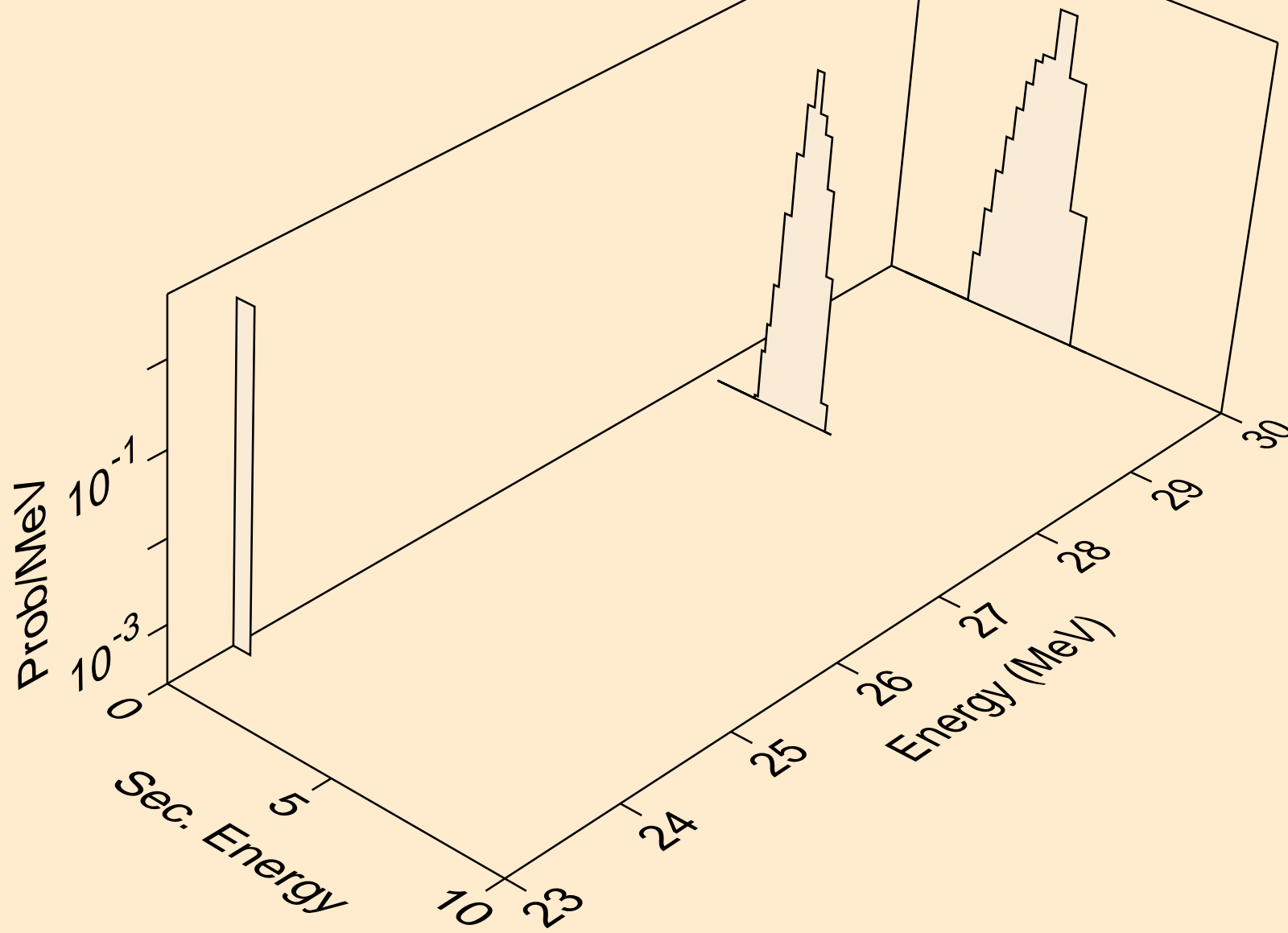
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tritons from (p,x)



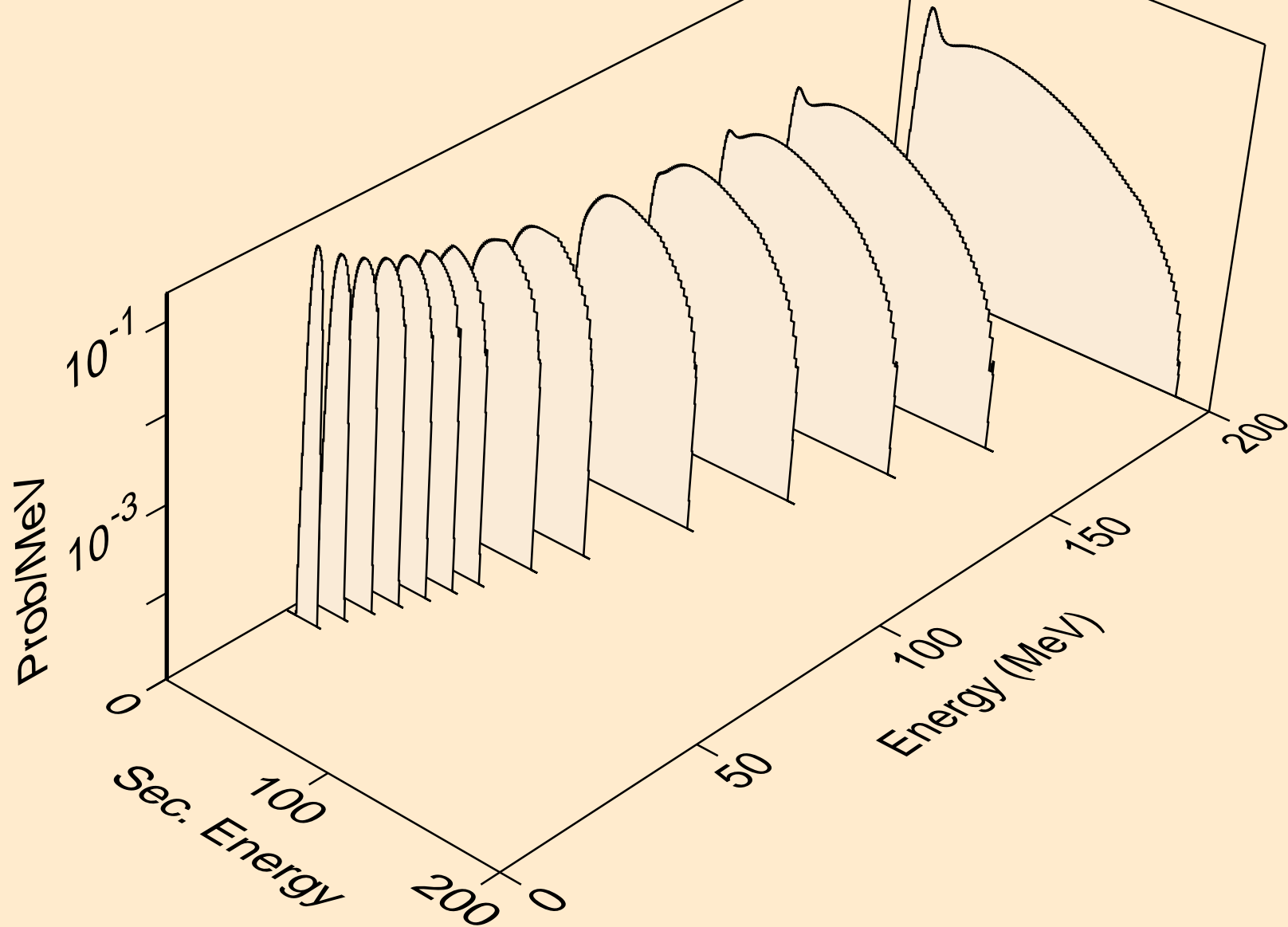
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tritons from (p,t)



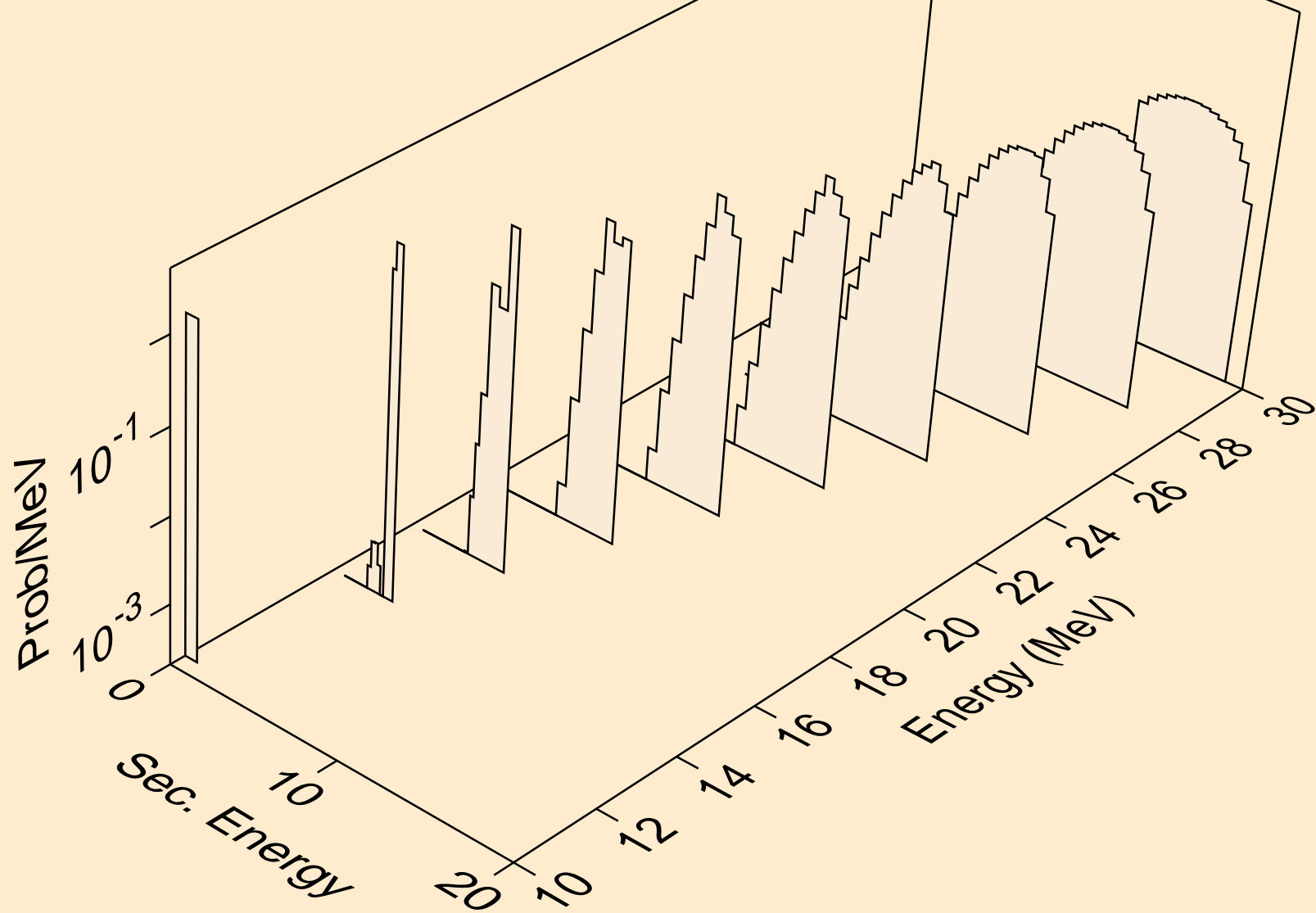
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tritons from (p,pt)



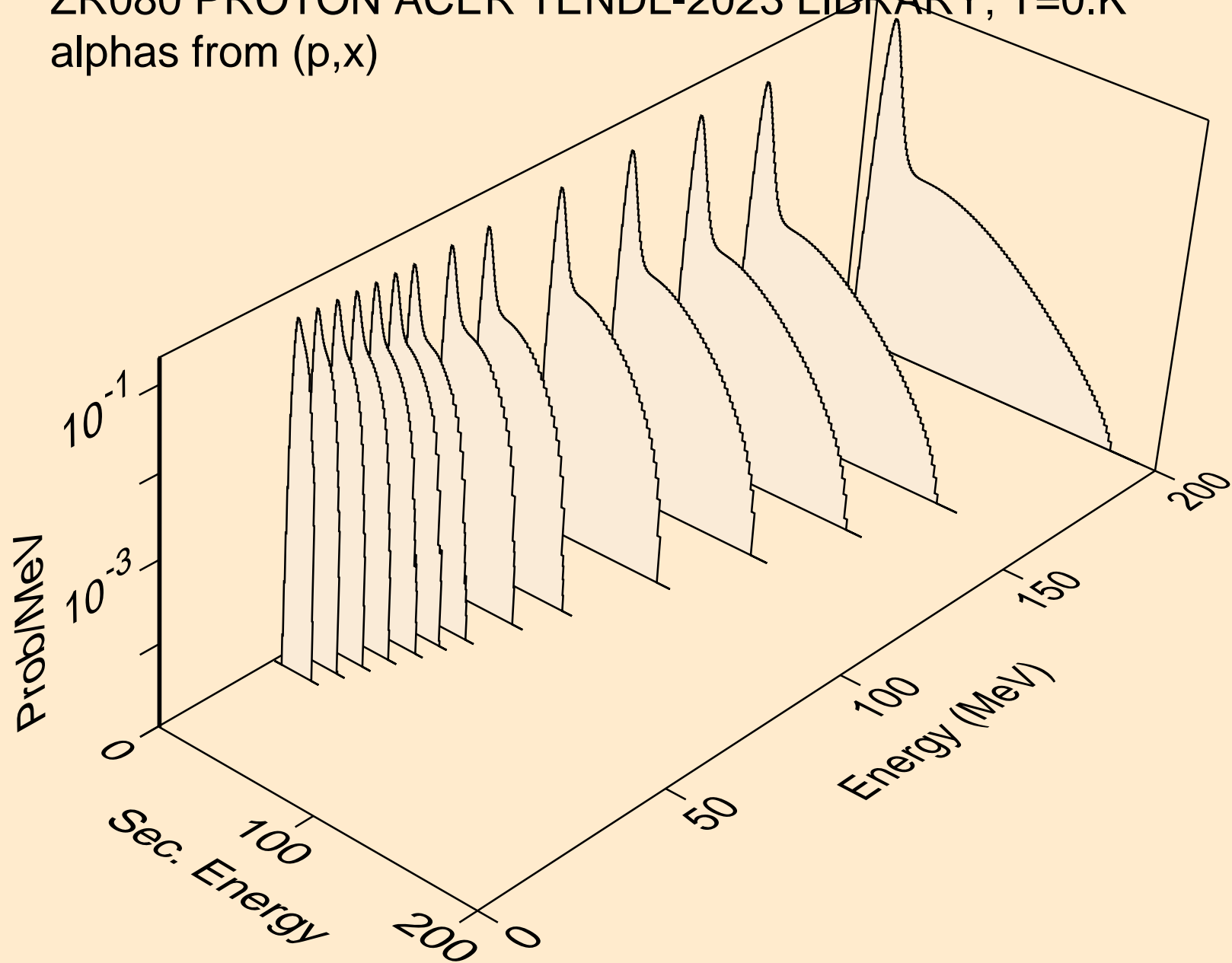
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he3s from (p,x)



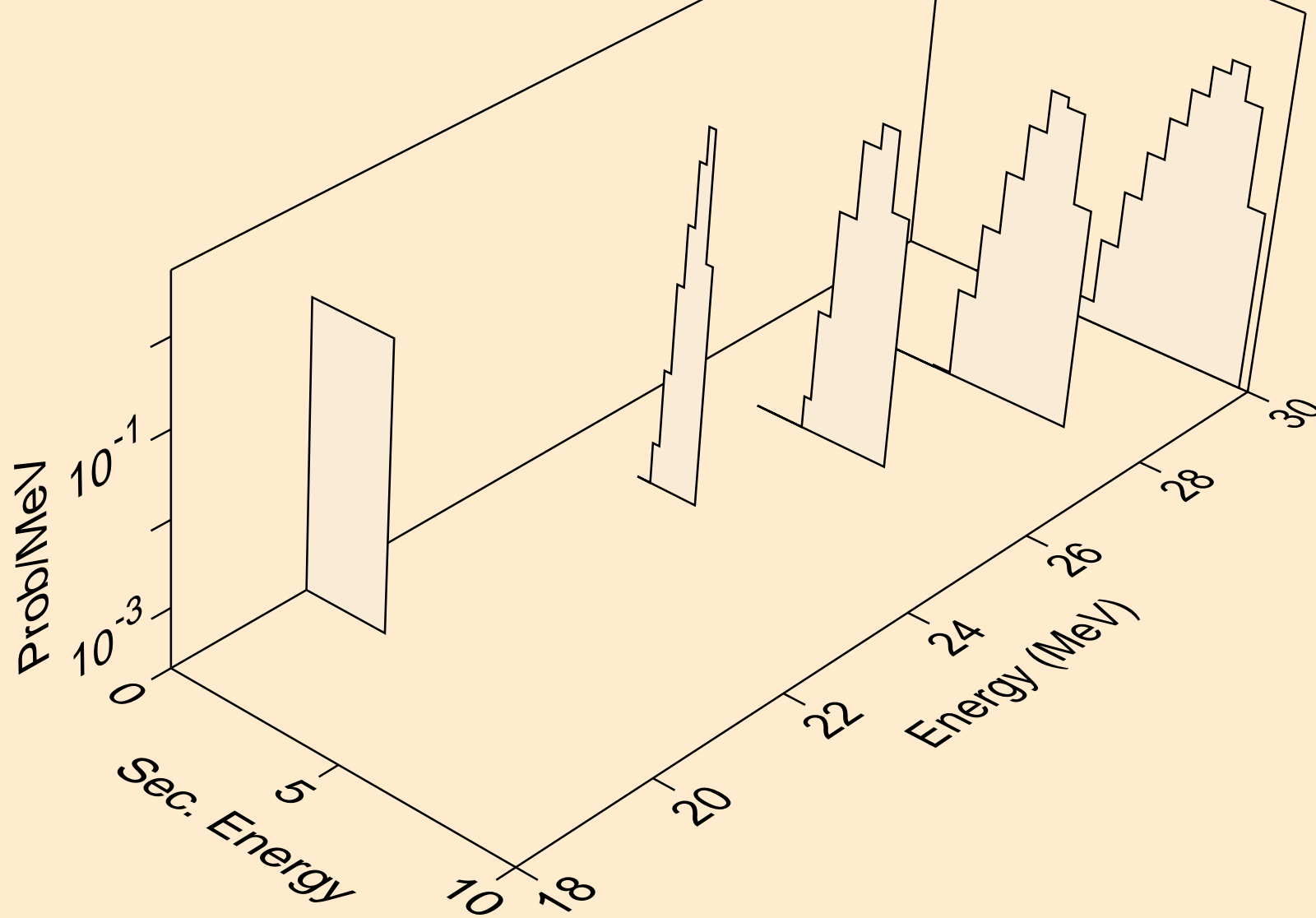
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he3s from (p,he3)



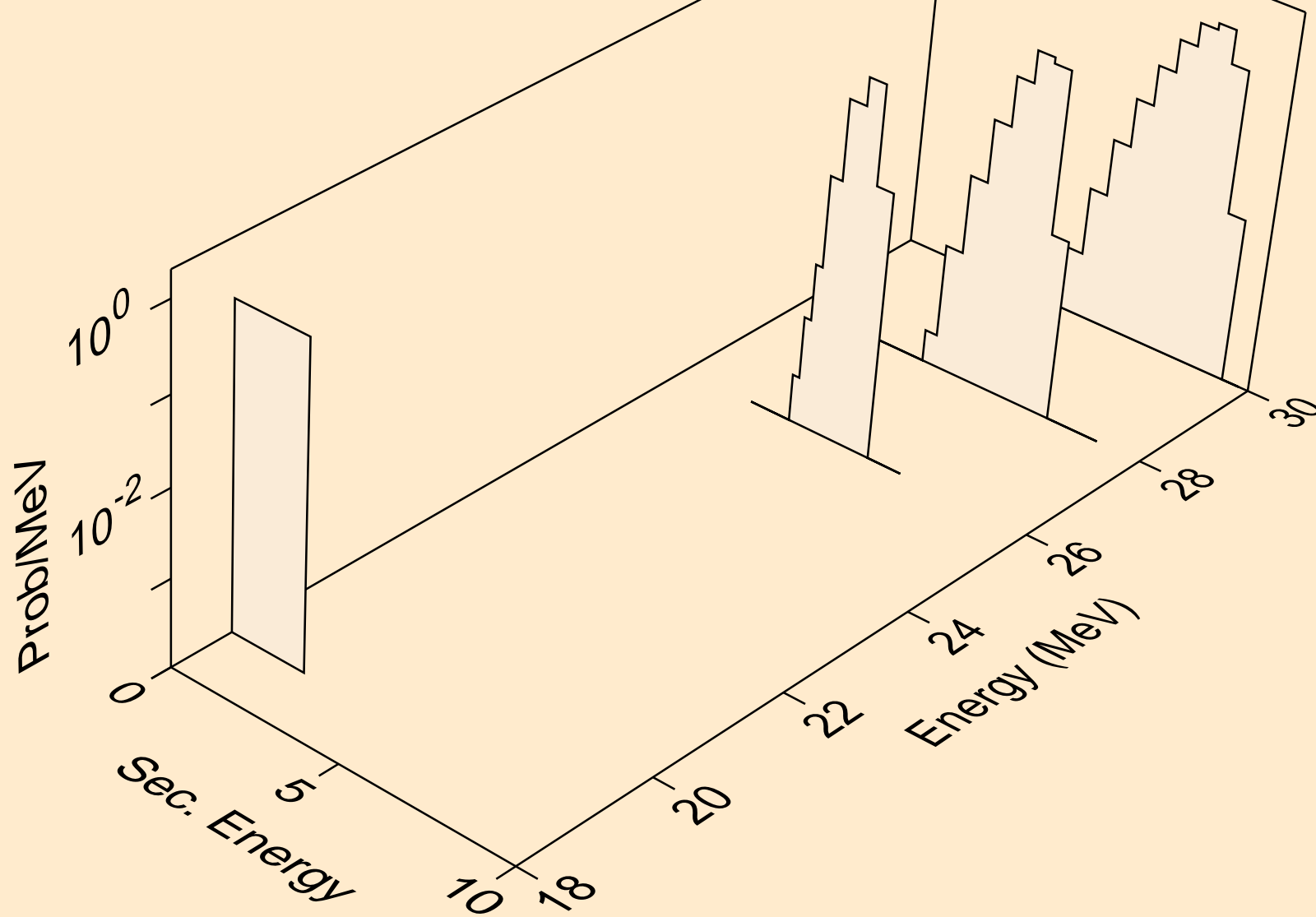
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alphas from (p,x)



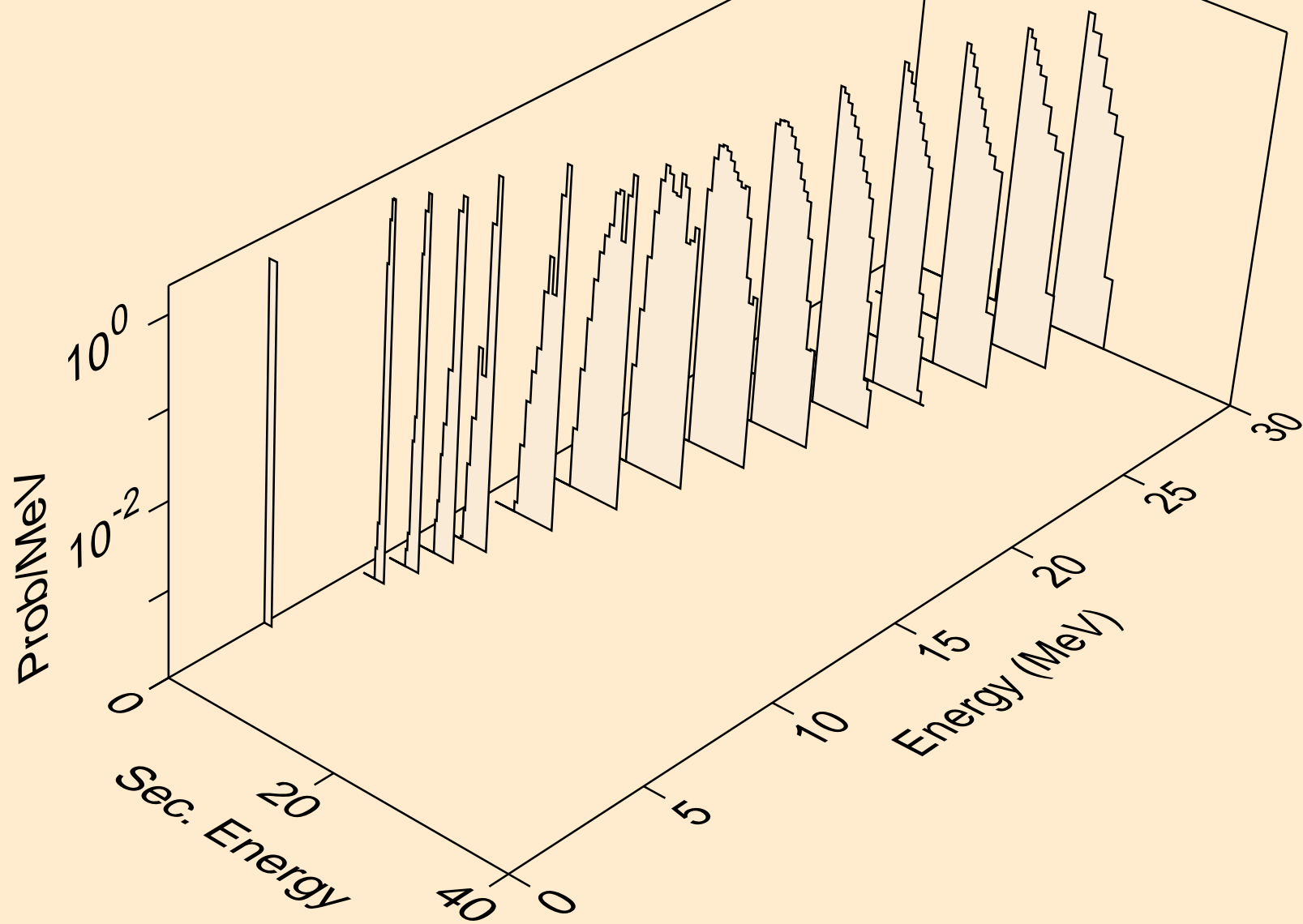
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



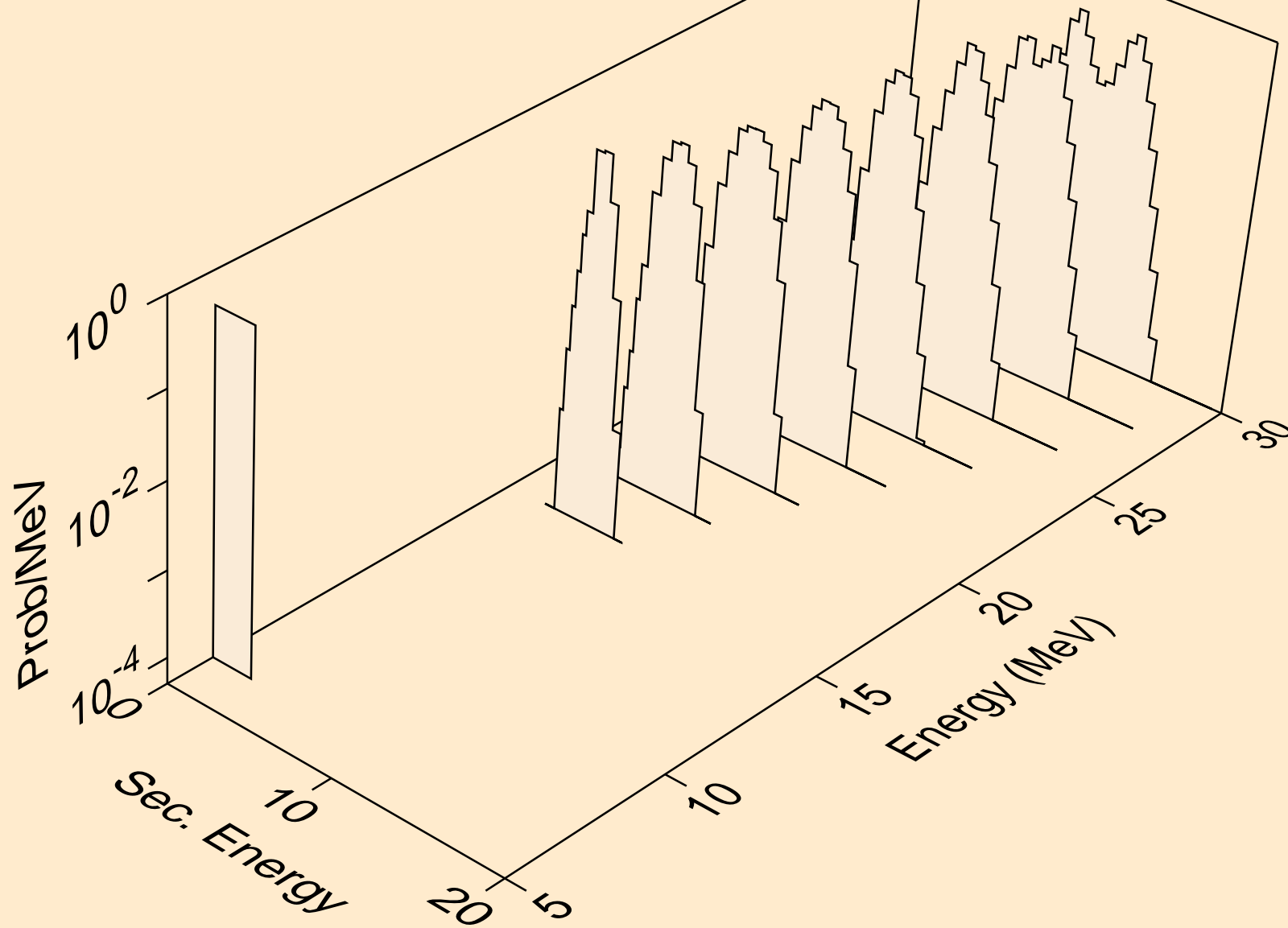
ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



ZR080 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)

