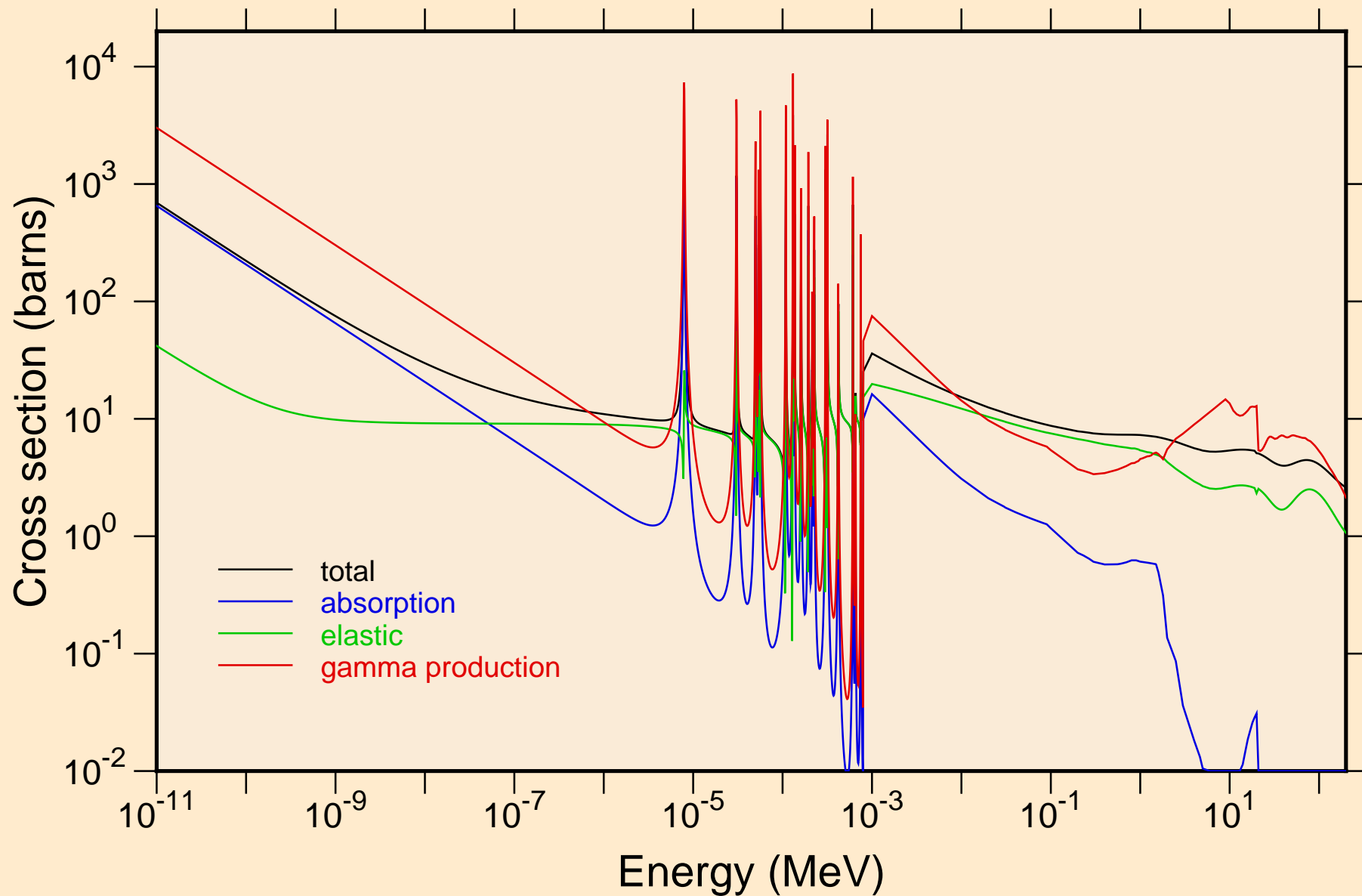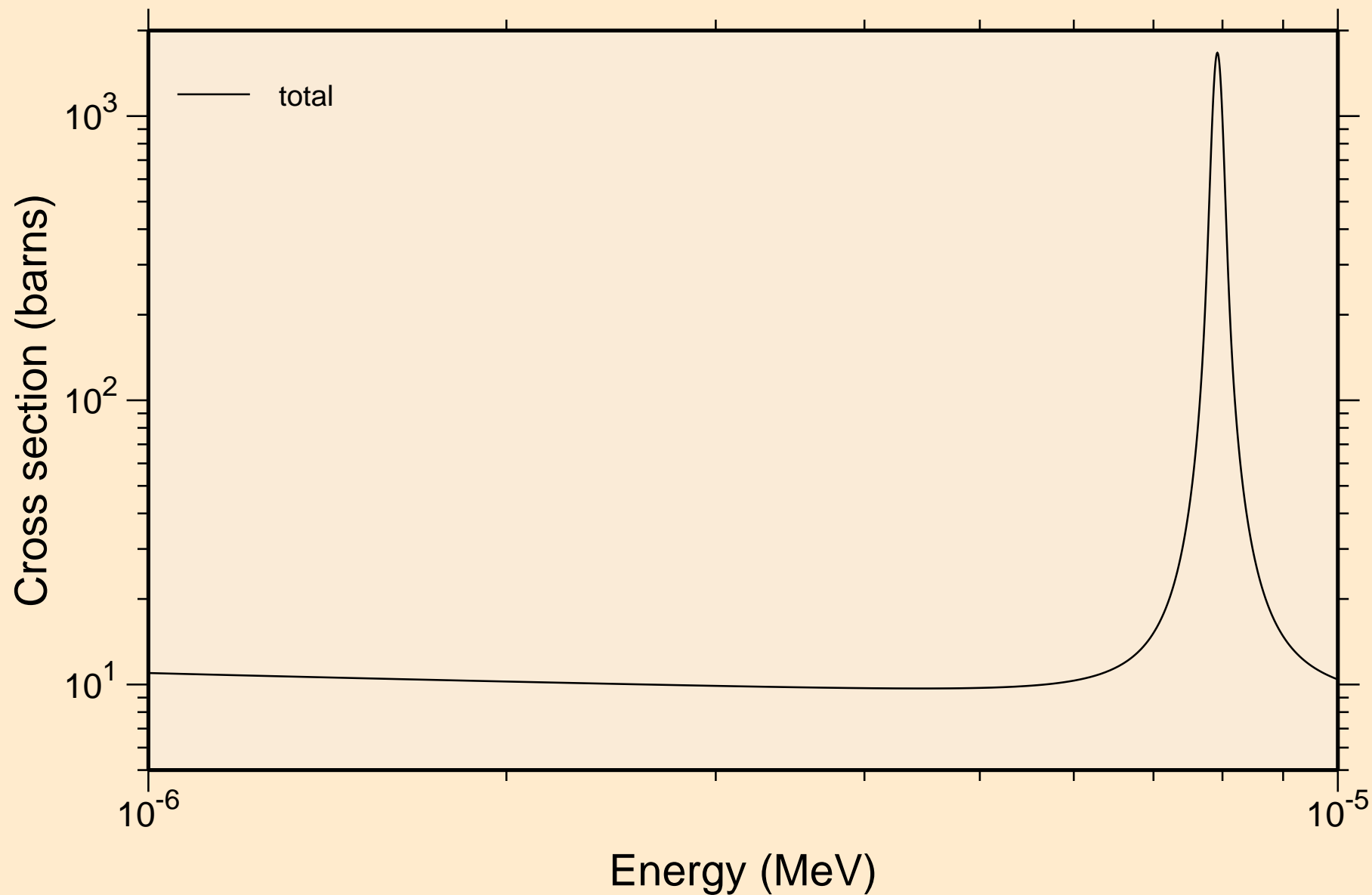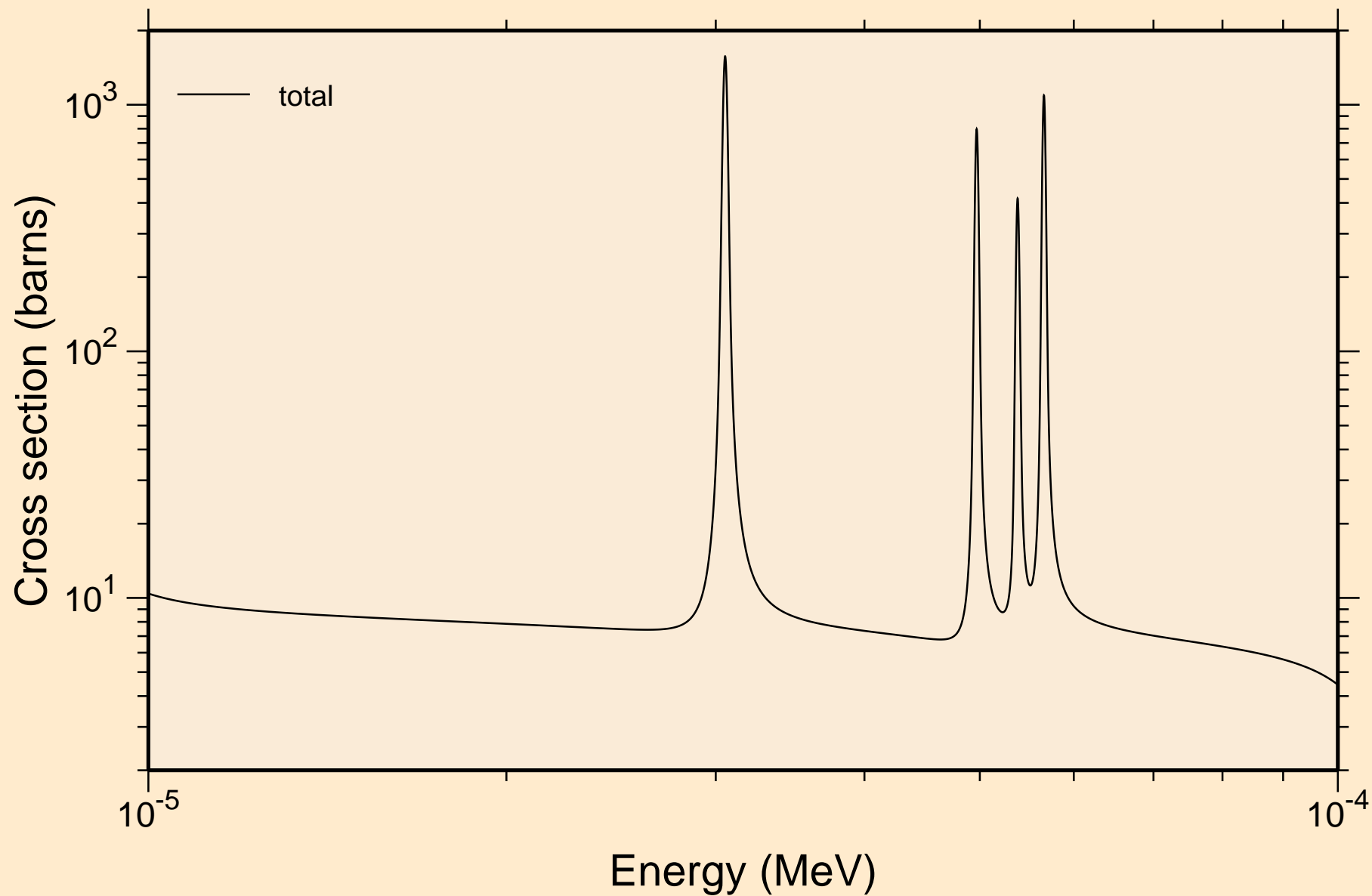68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Principal cross sections

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
resonance total cross section

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
resonance total cross section
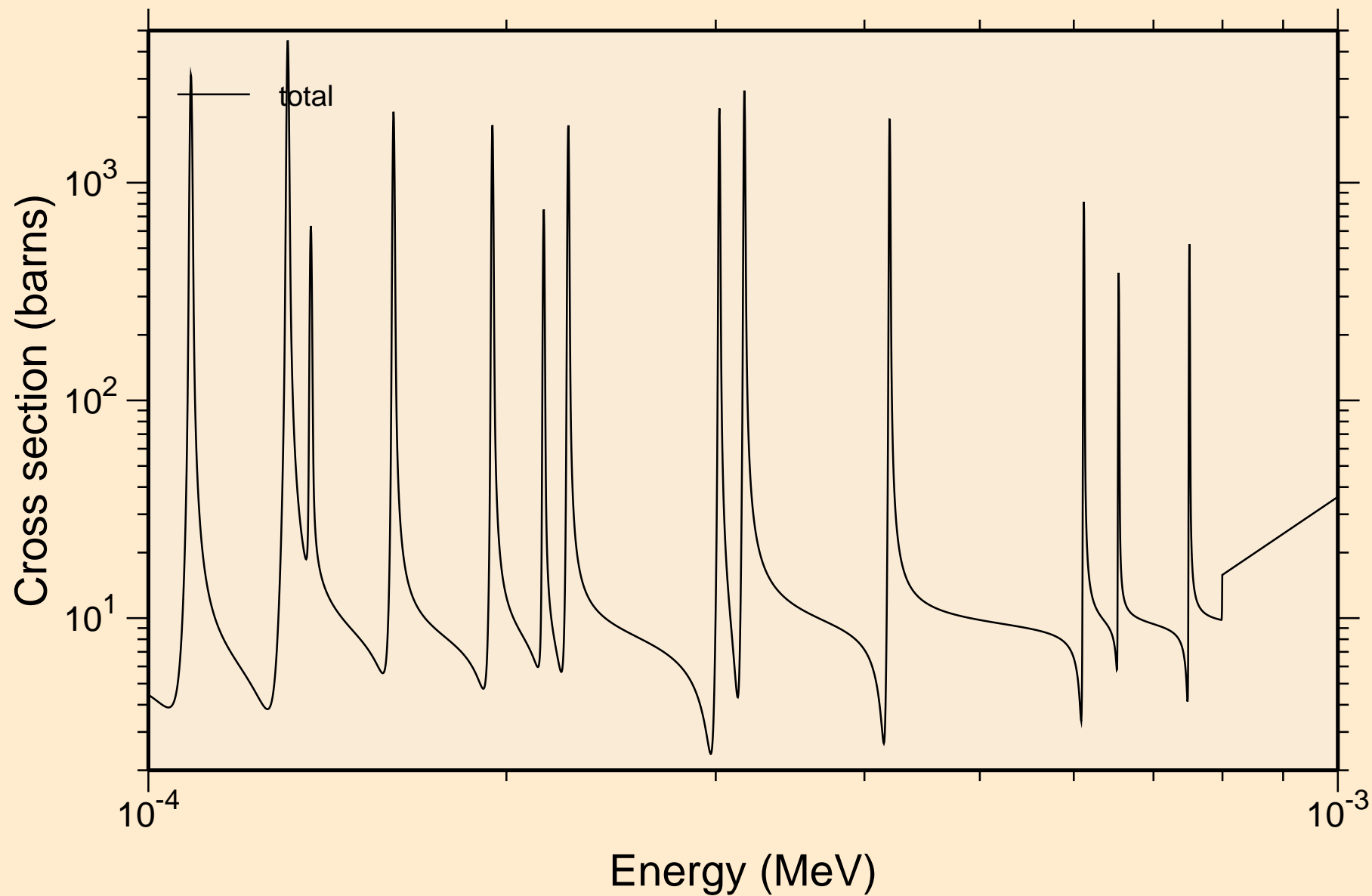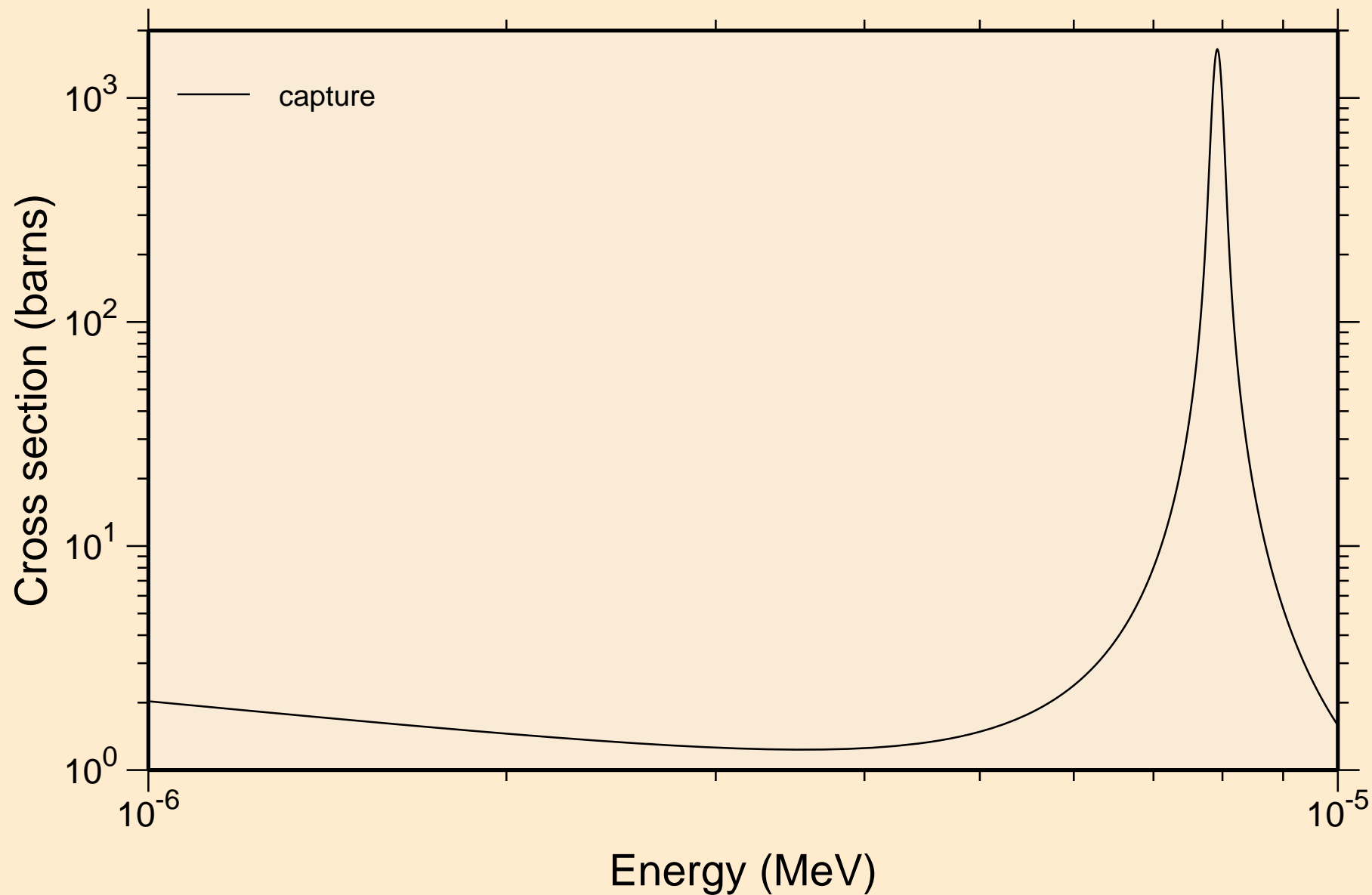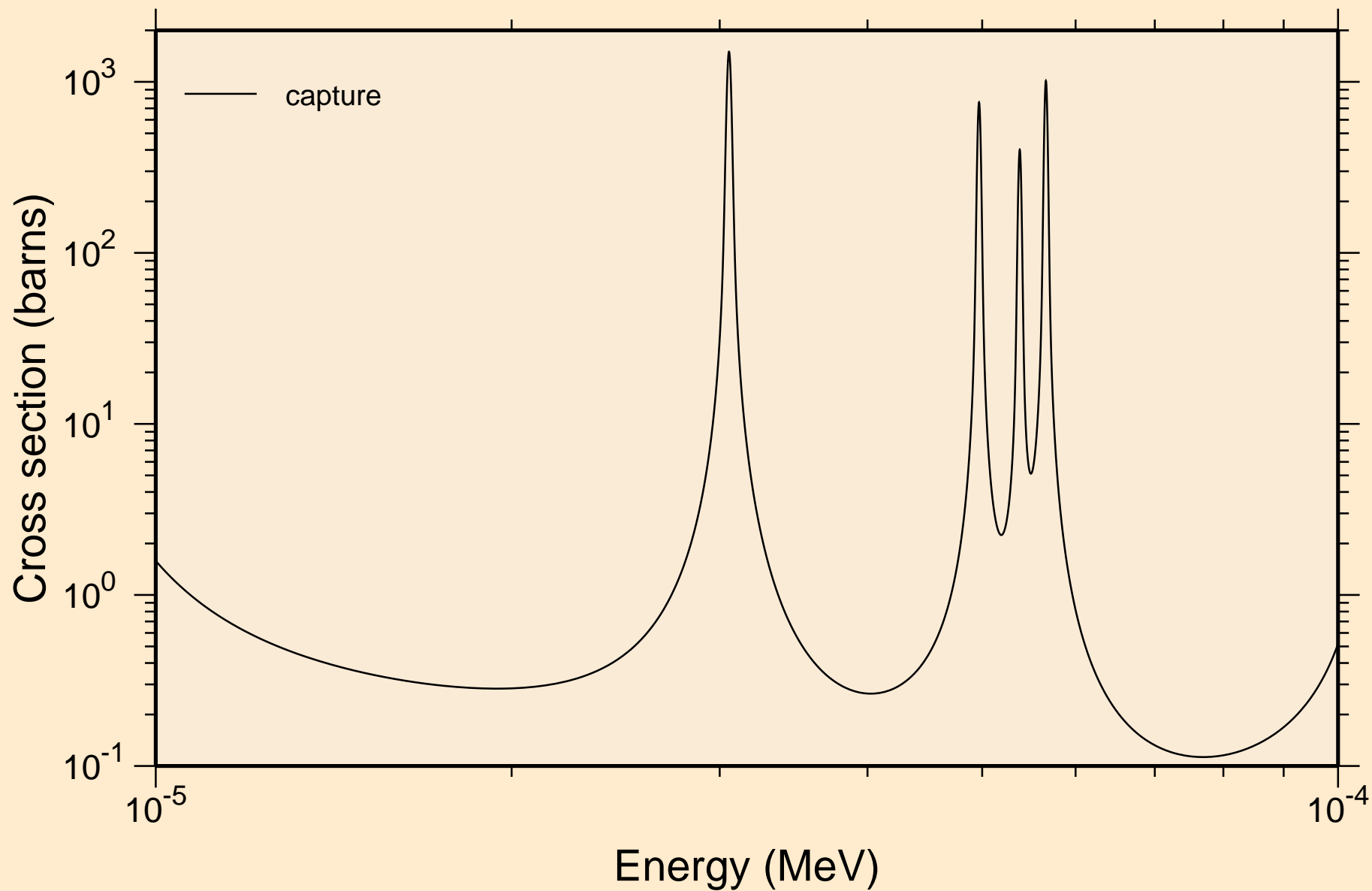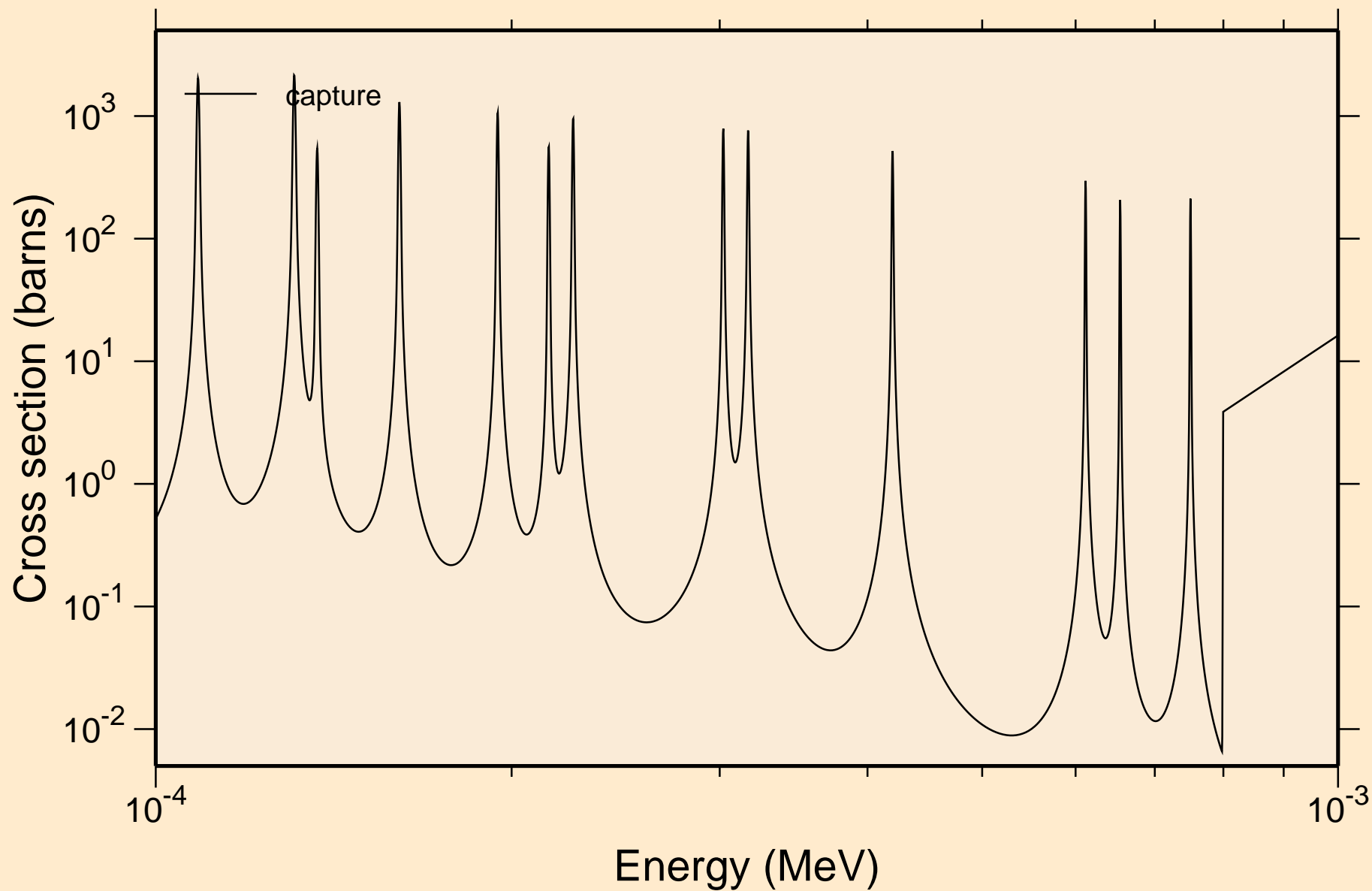
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
resonance total cross section

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
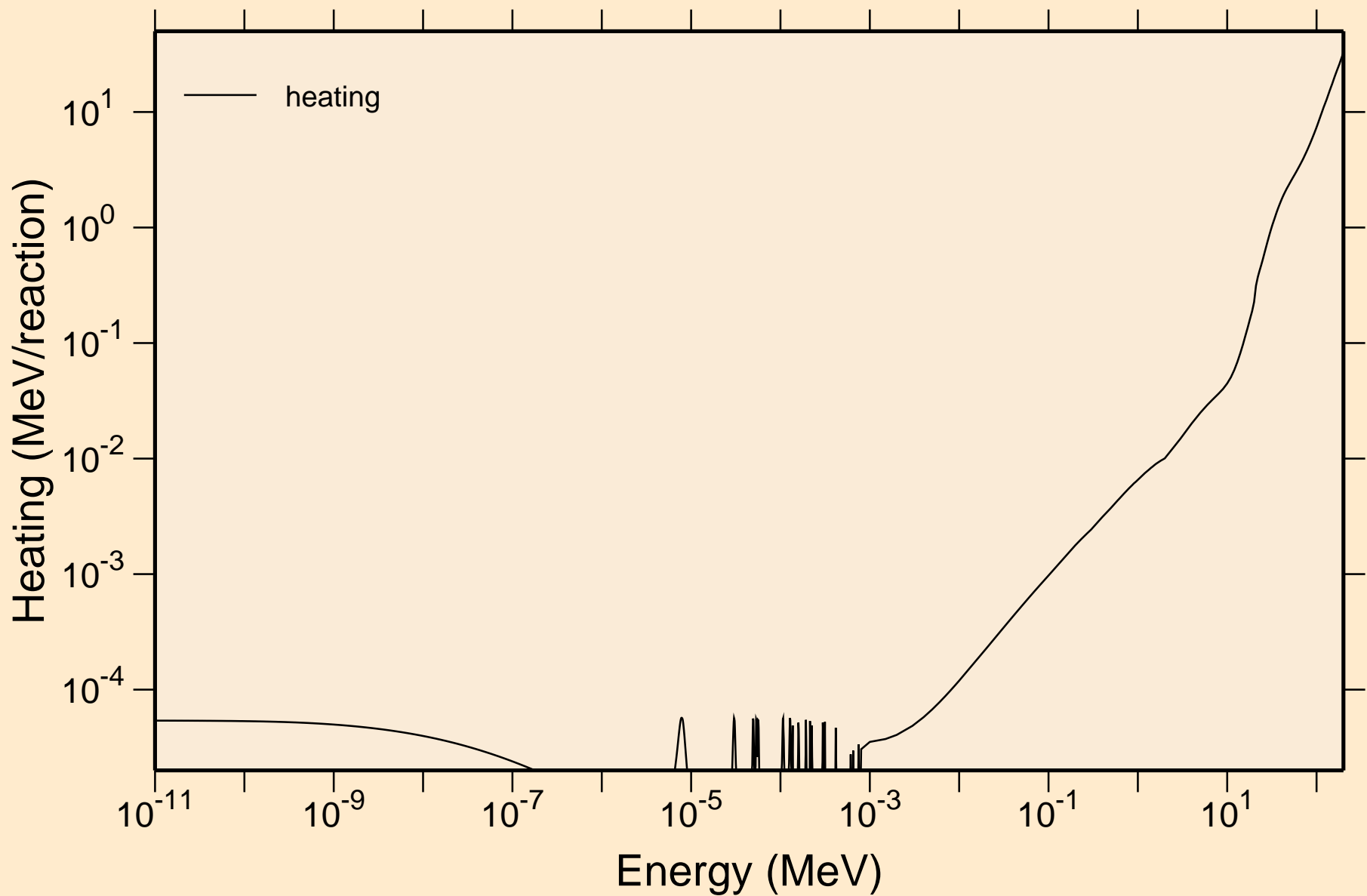resonance absorption cross sections

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
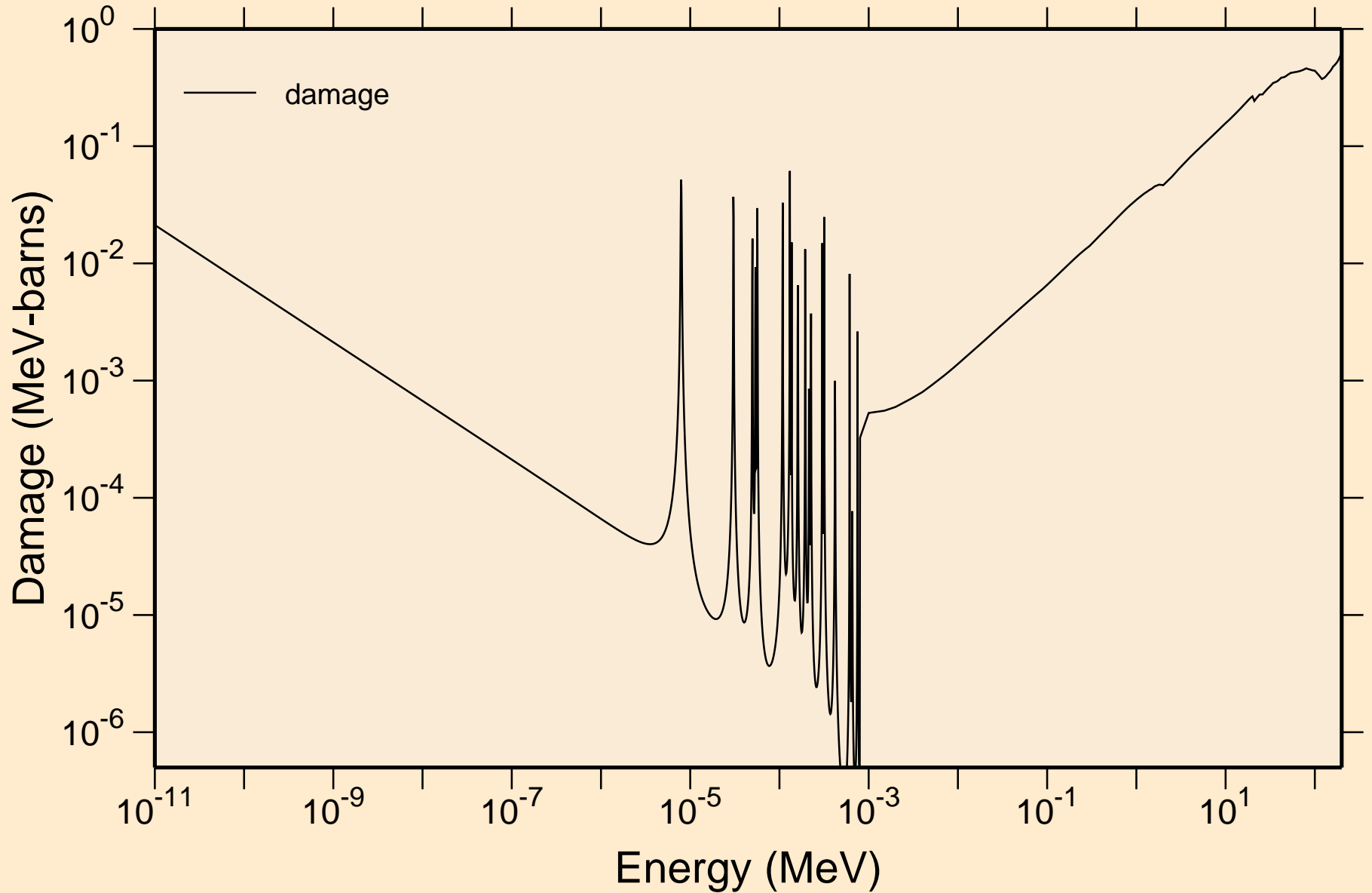resonance absorption cross sections

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
resonance absorption cross sections

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Heating

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Damage

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Non-threshold reactions

— (n,gma)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Principal cross sections
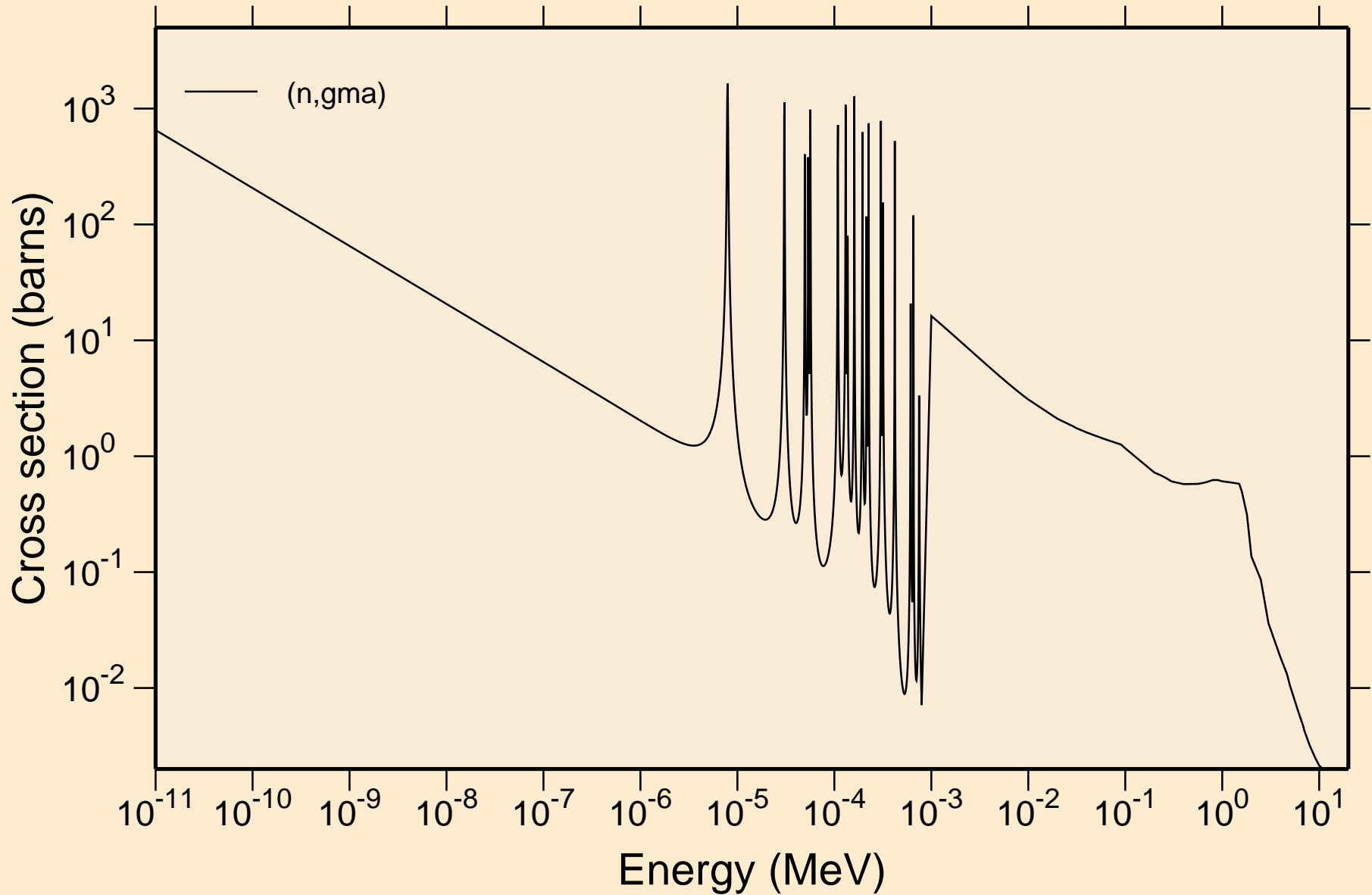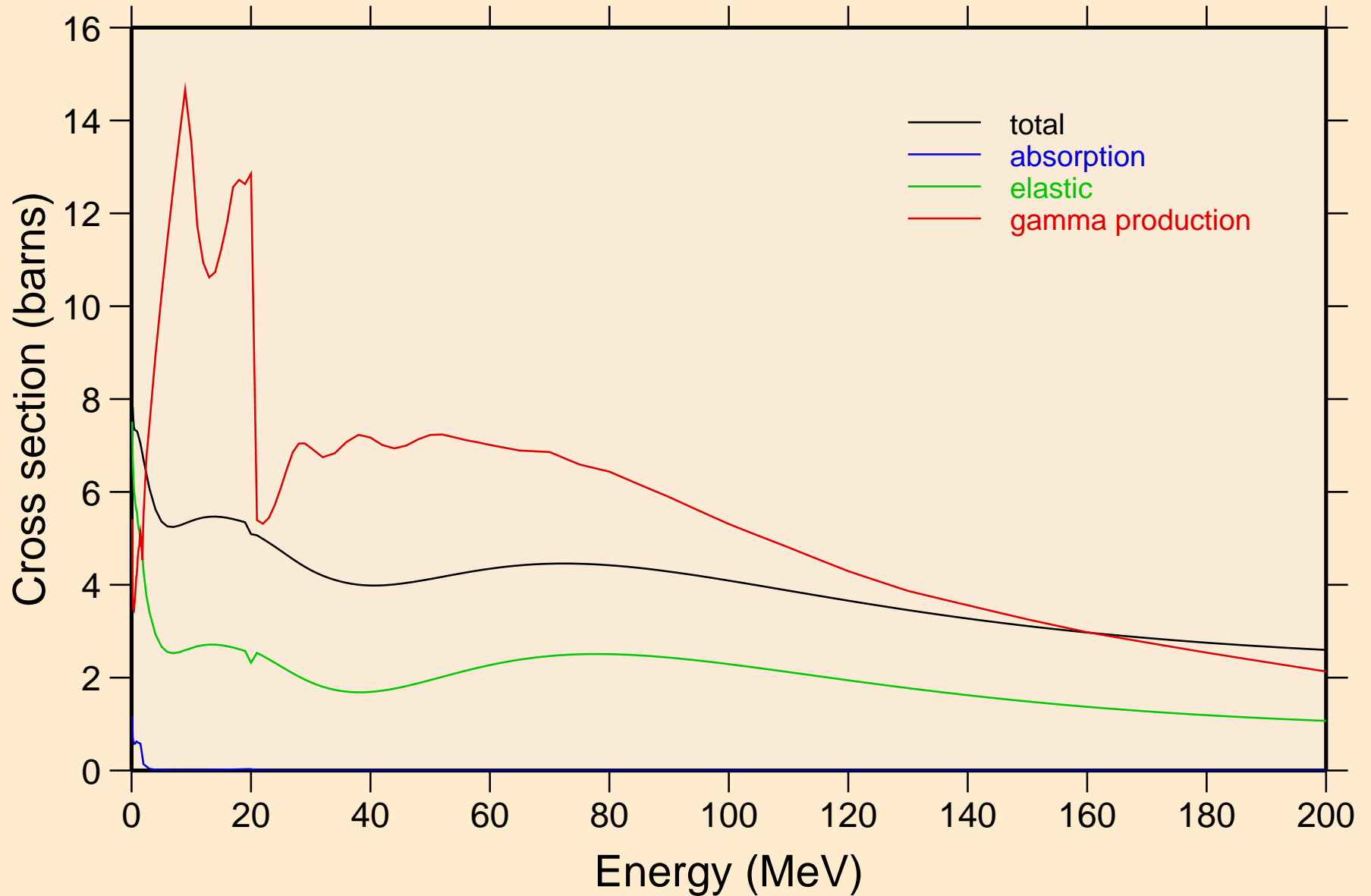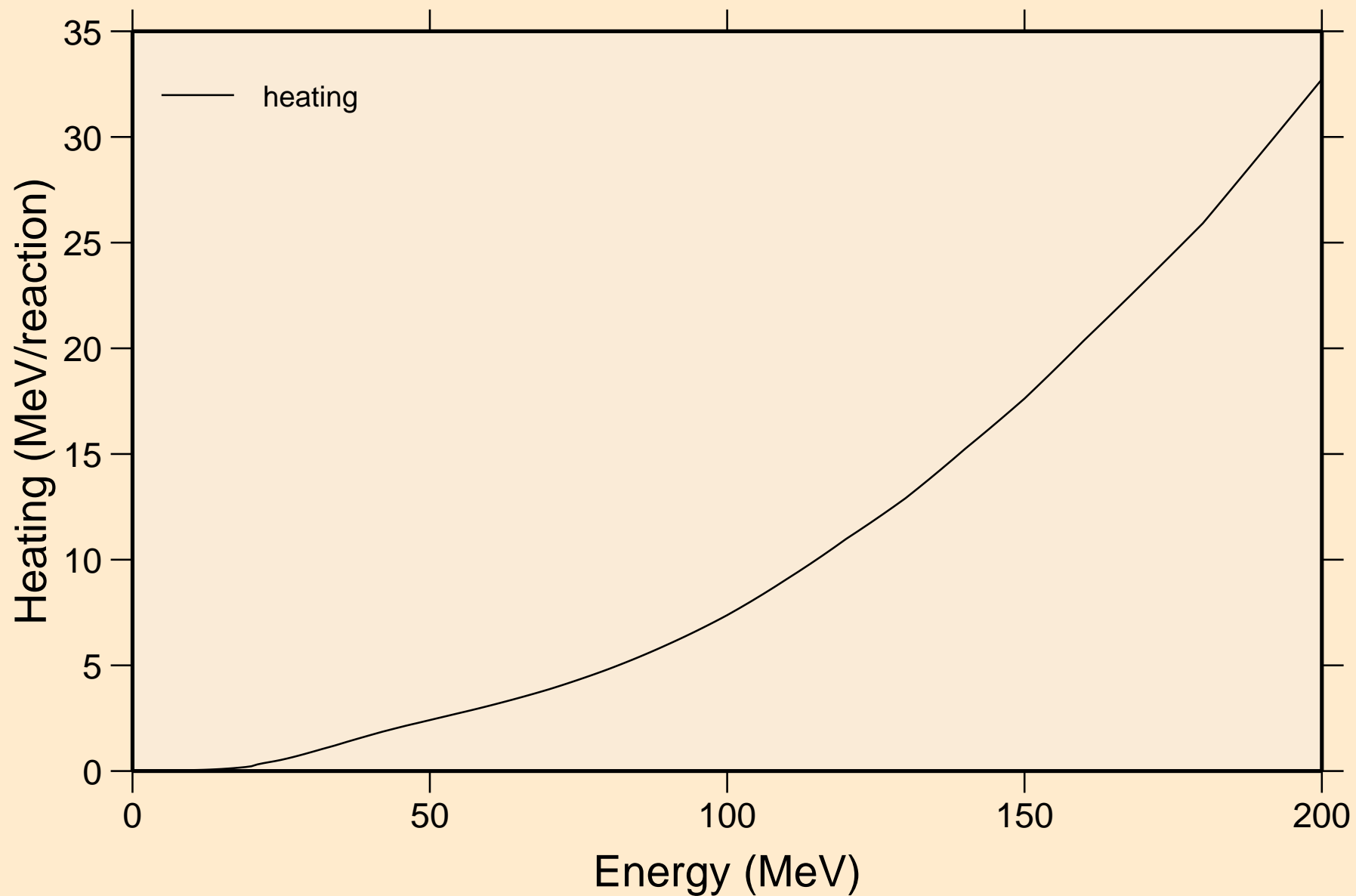
- total
- absorption
- elastic
- gamma production

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Heating

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Damage

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
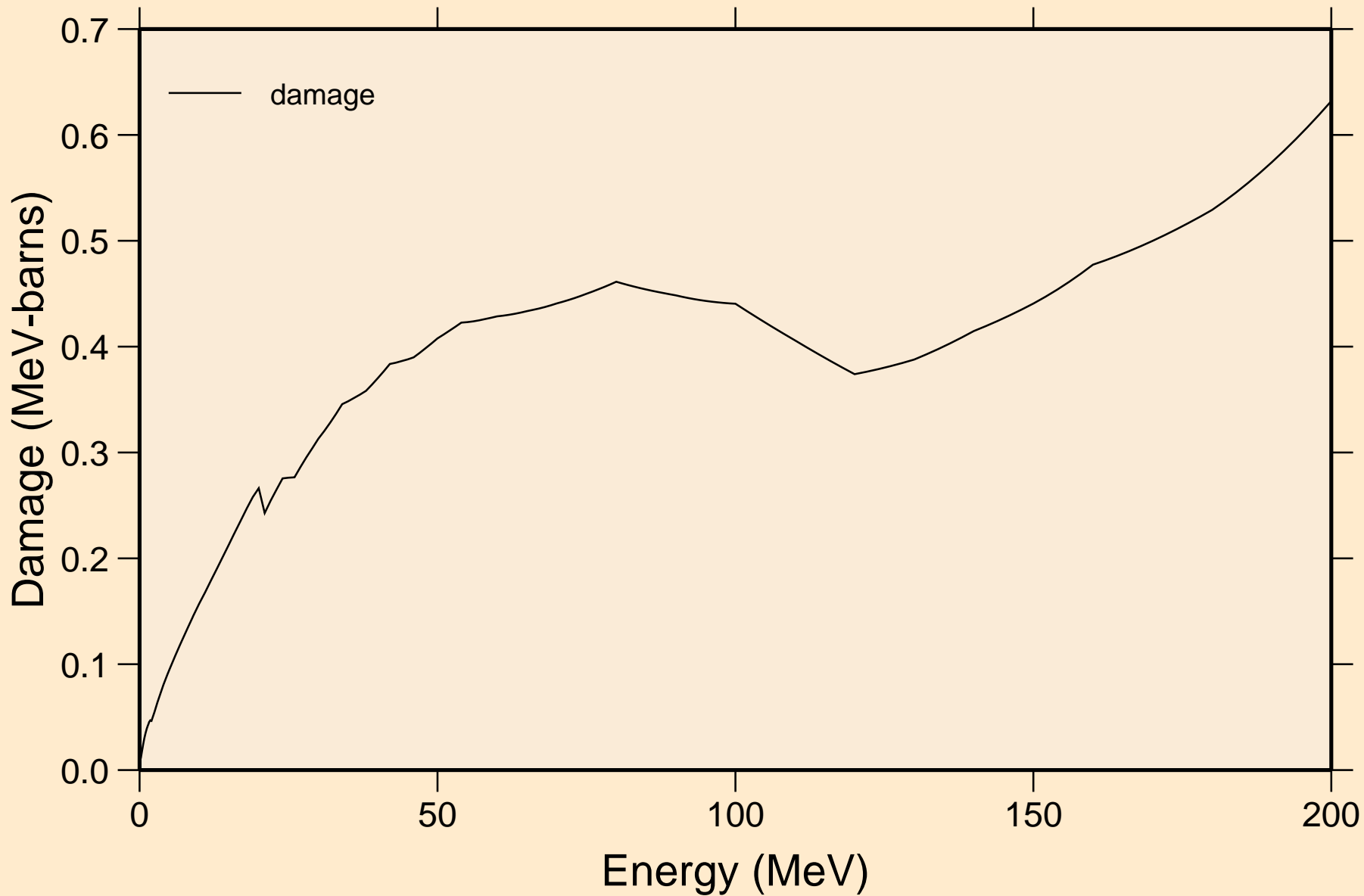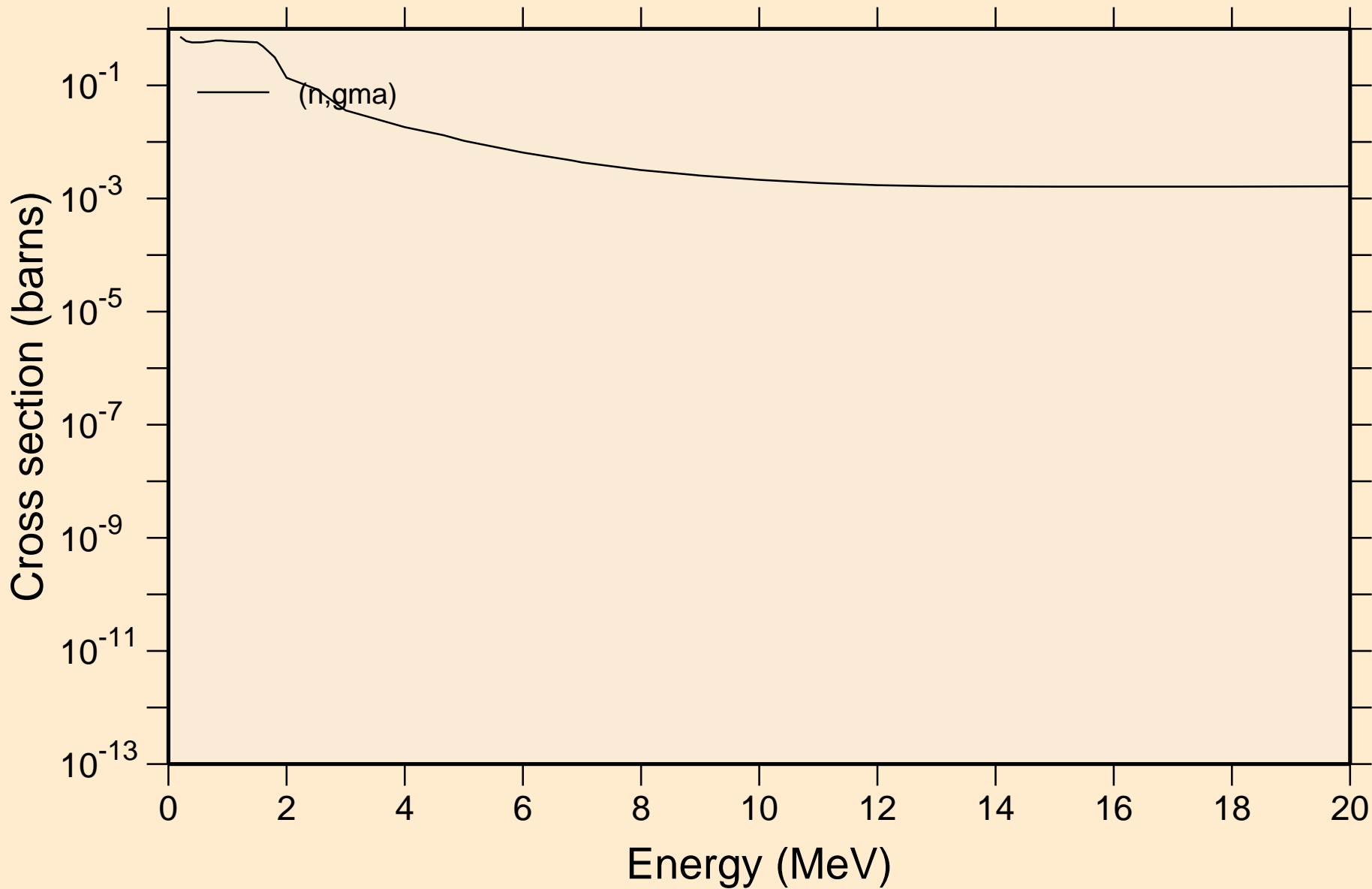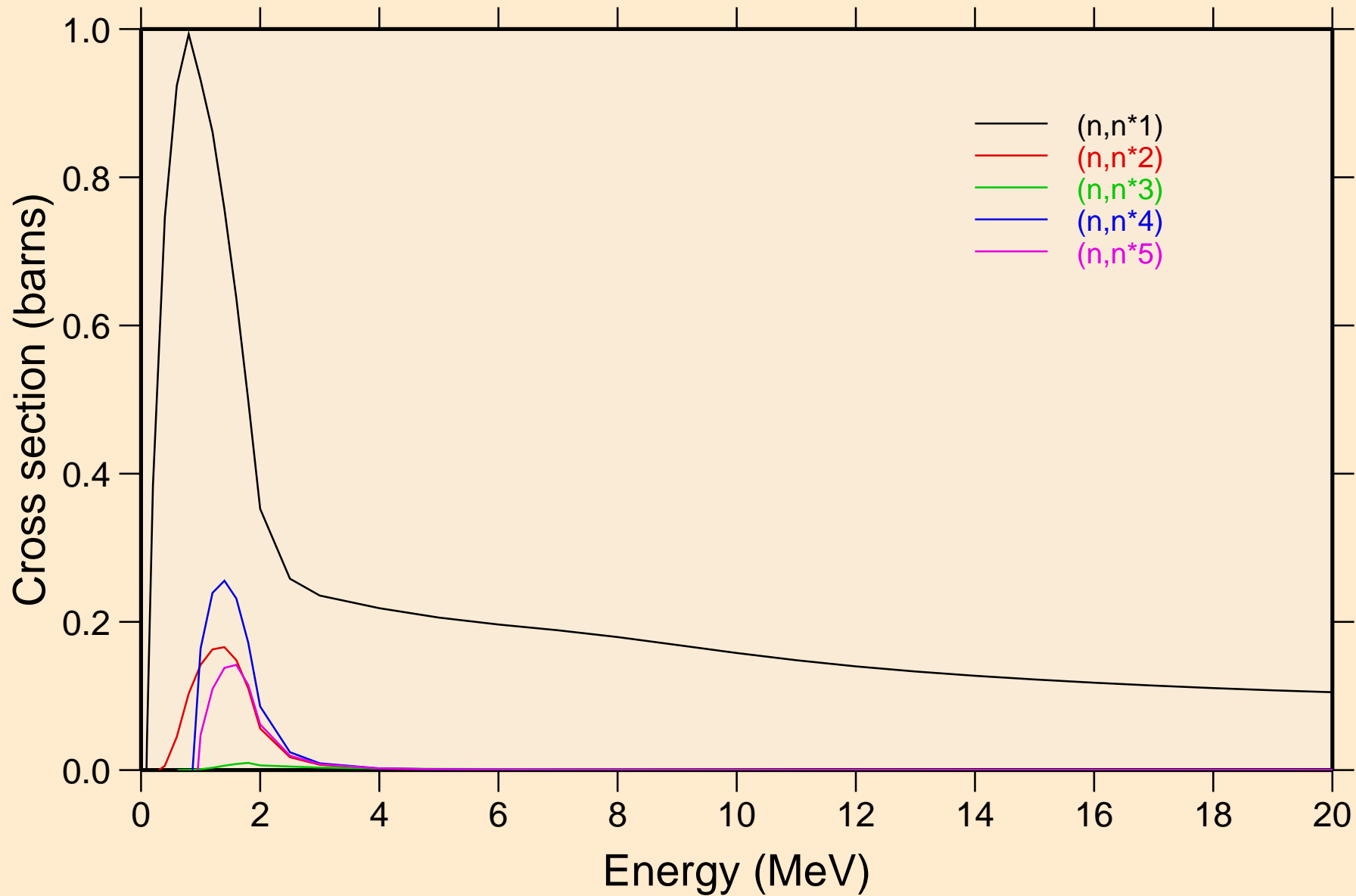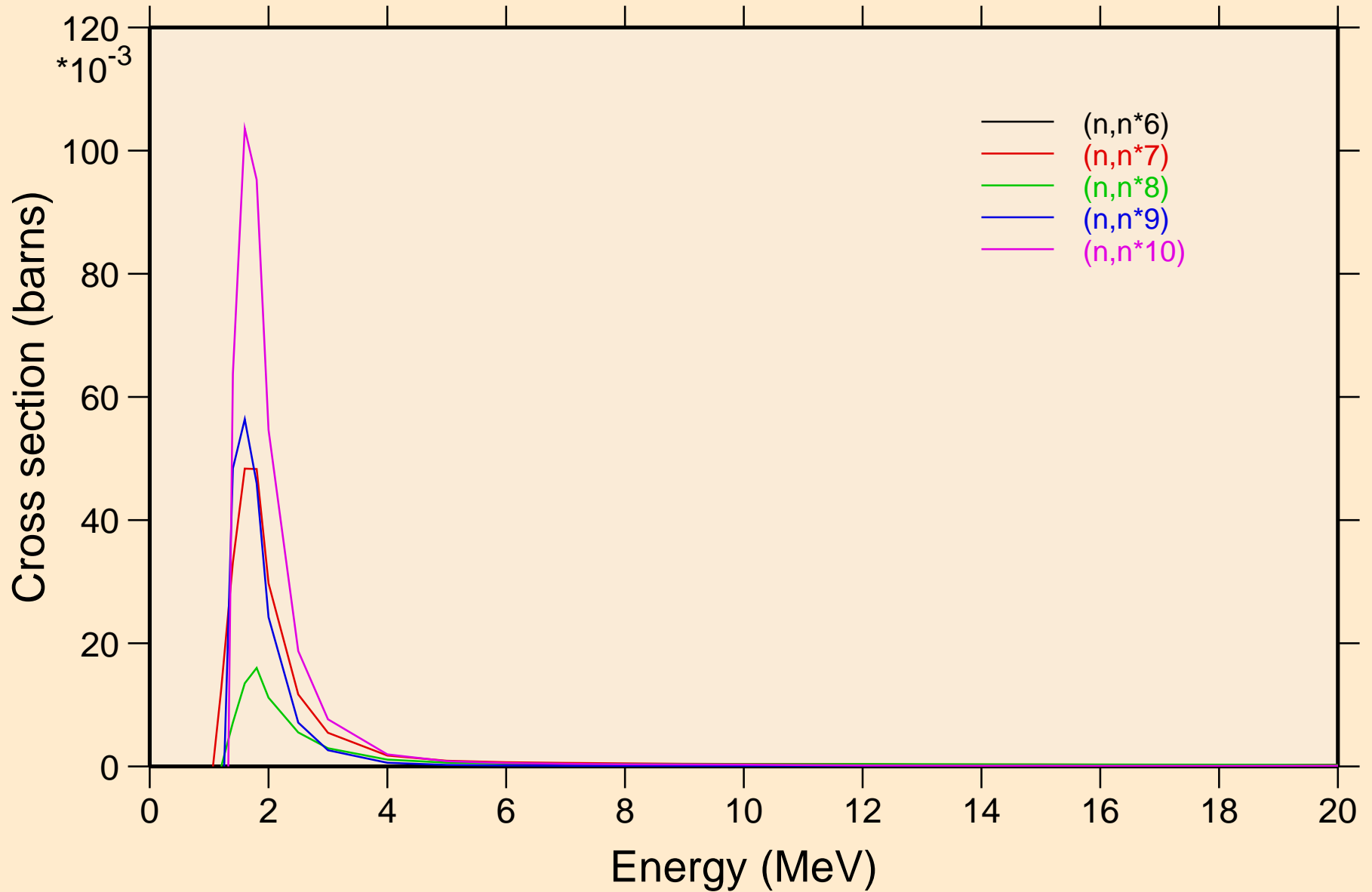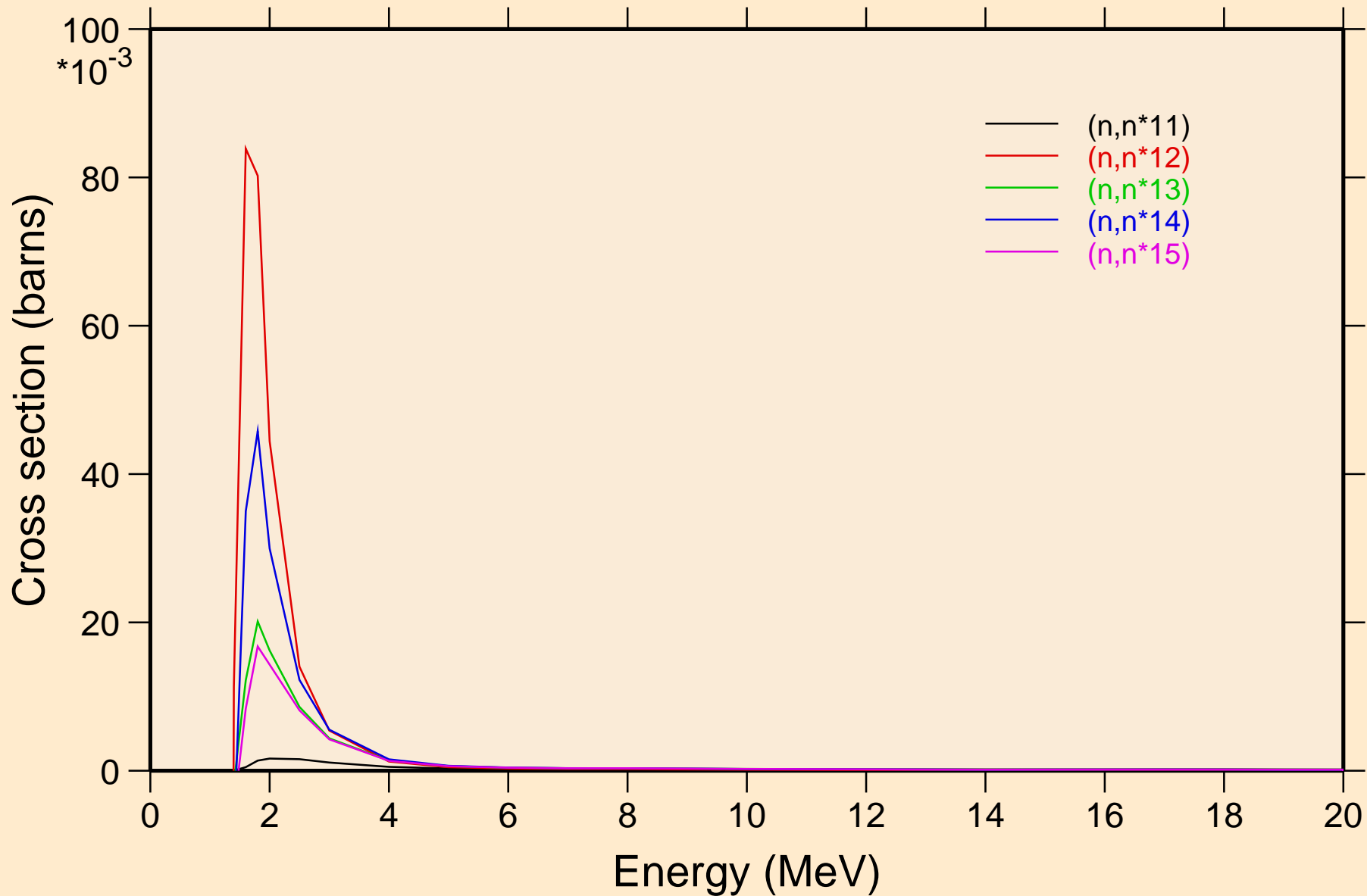Non-threshold reactions

(n,gma)
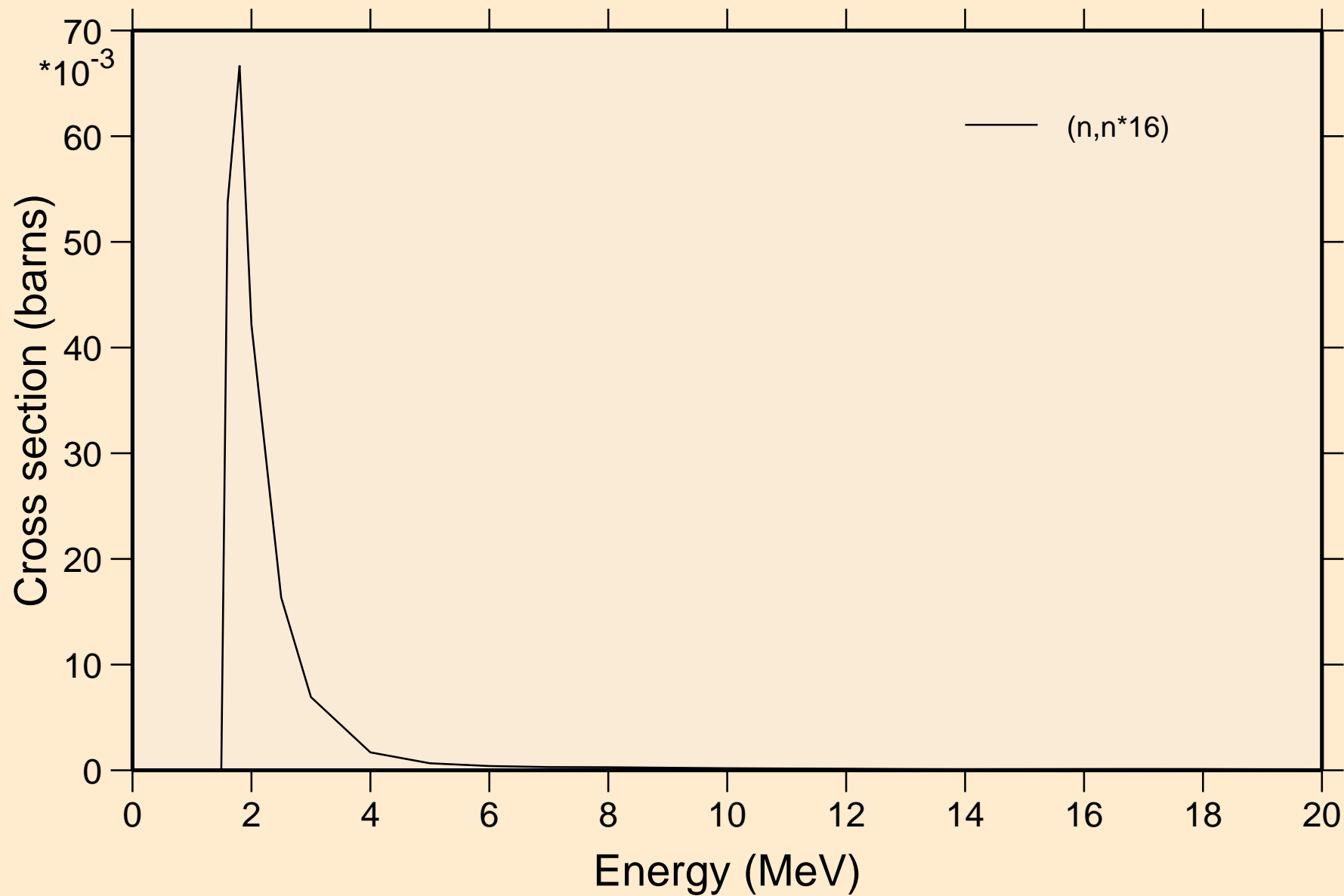
Cross section (barns)

Energy (MeV)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Inelastic levels

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Inelastic levels

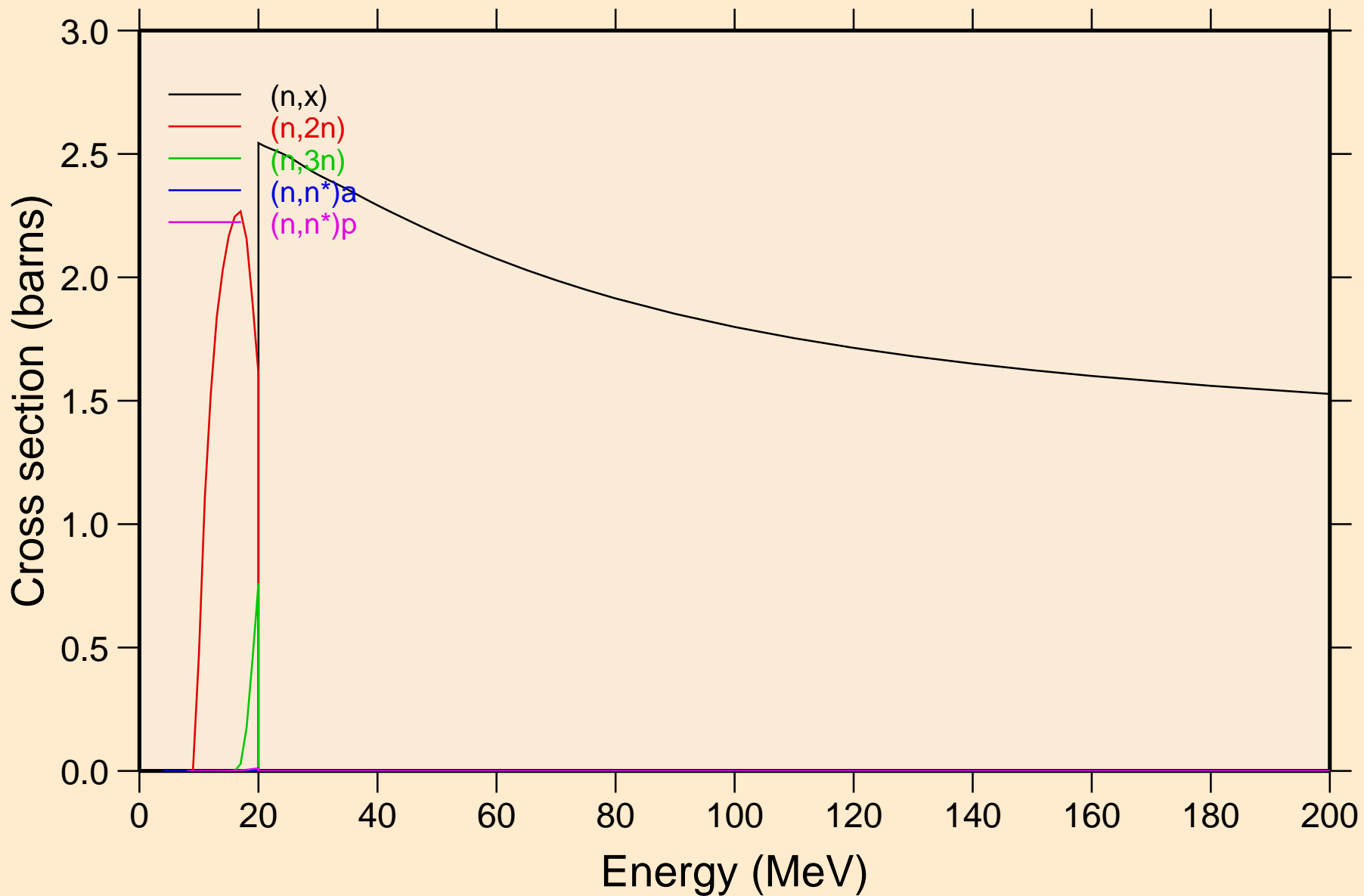68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
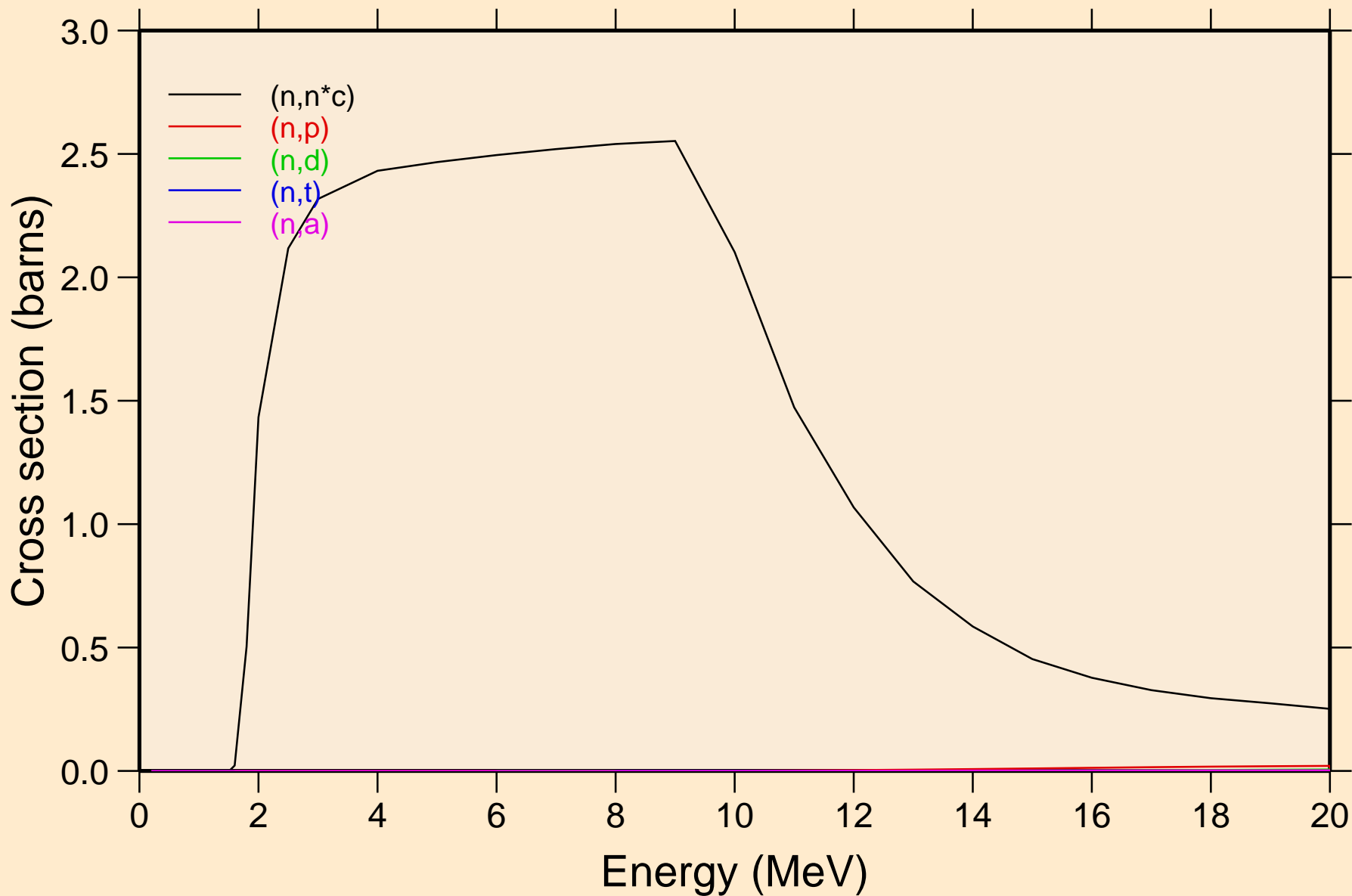Inelastic levels

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
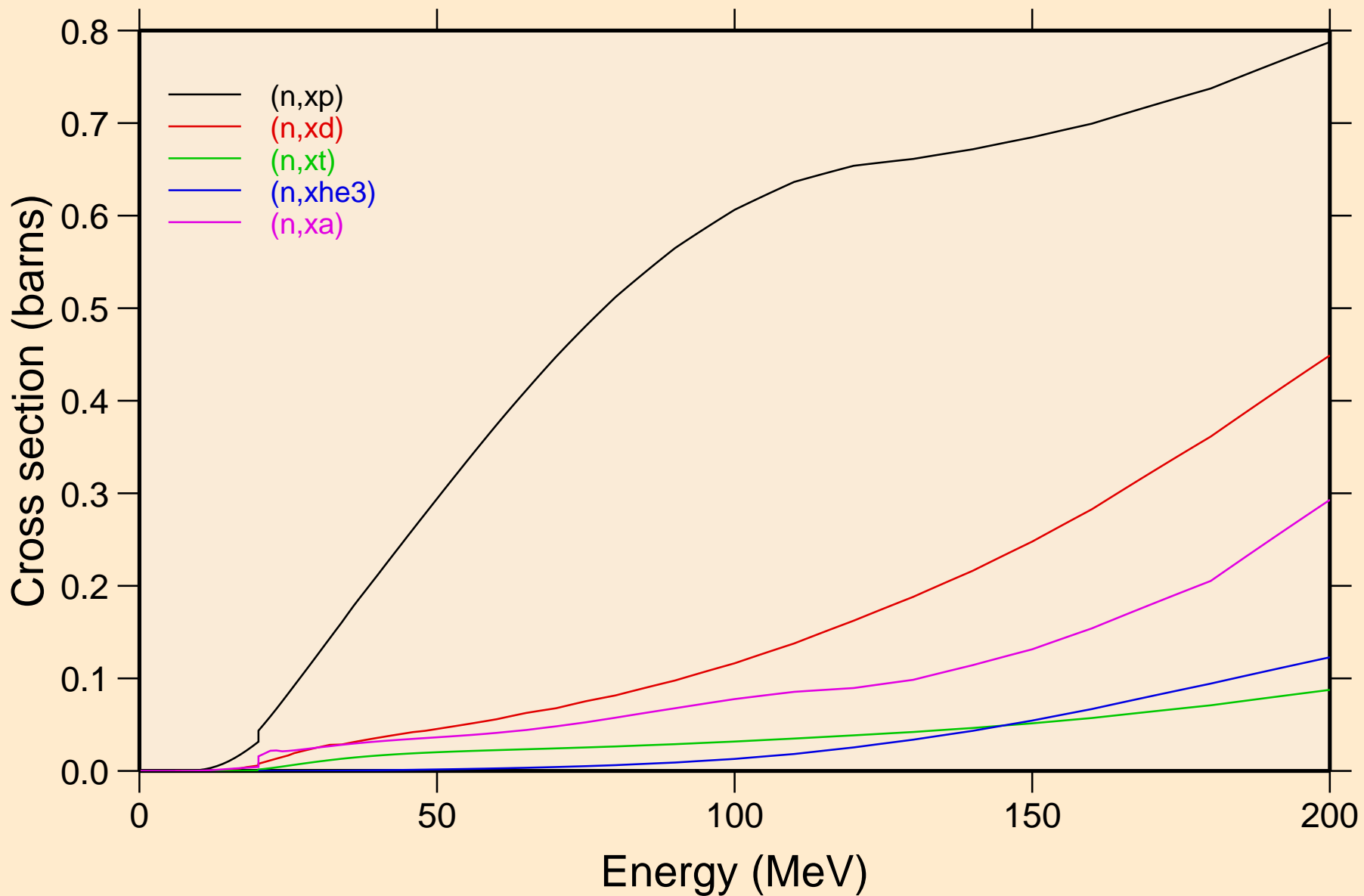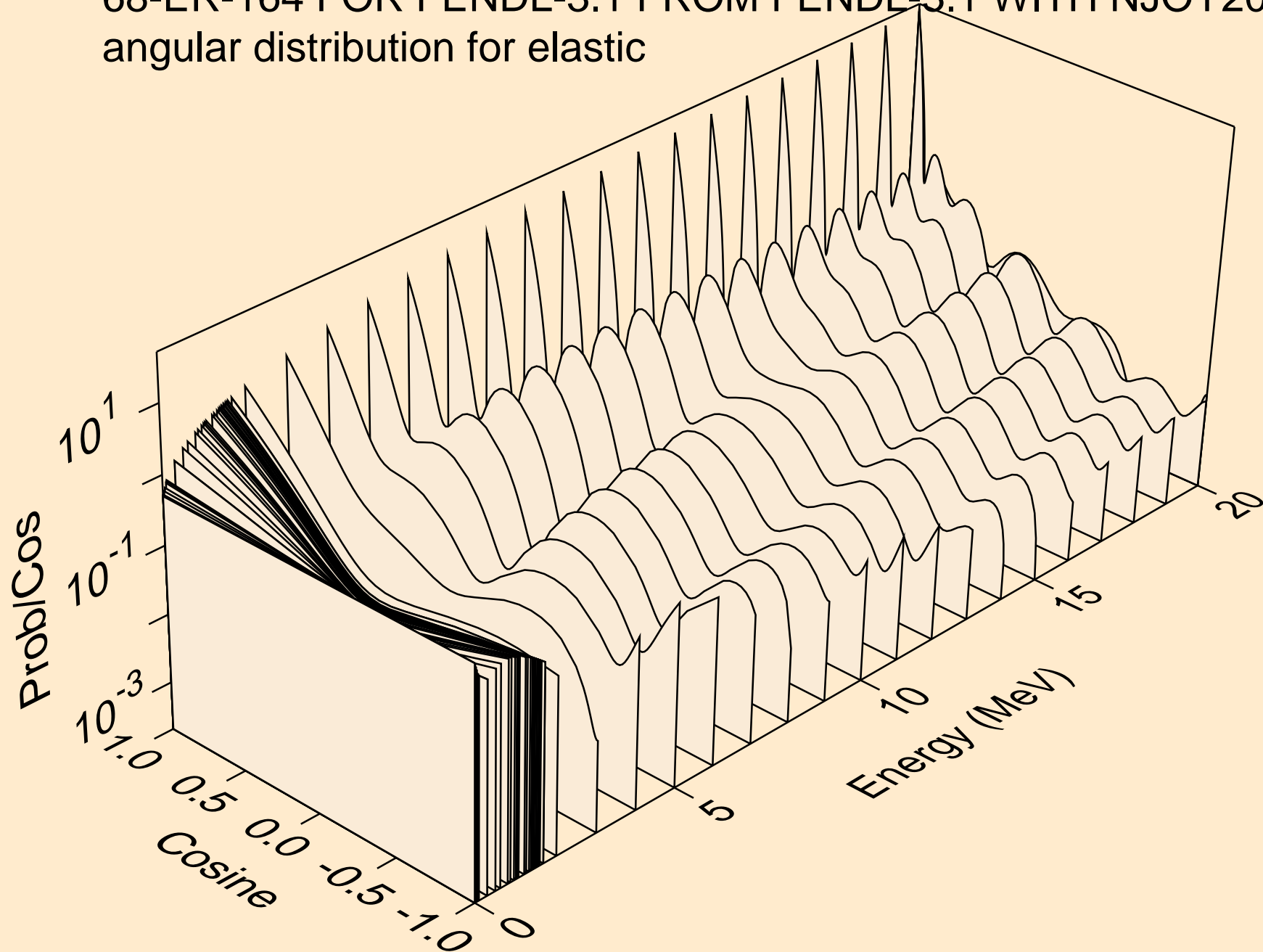Inelastic levels

(n,n*16)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Threshold reactions

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
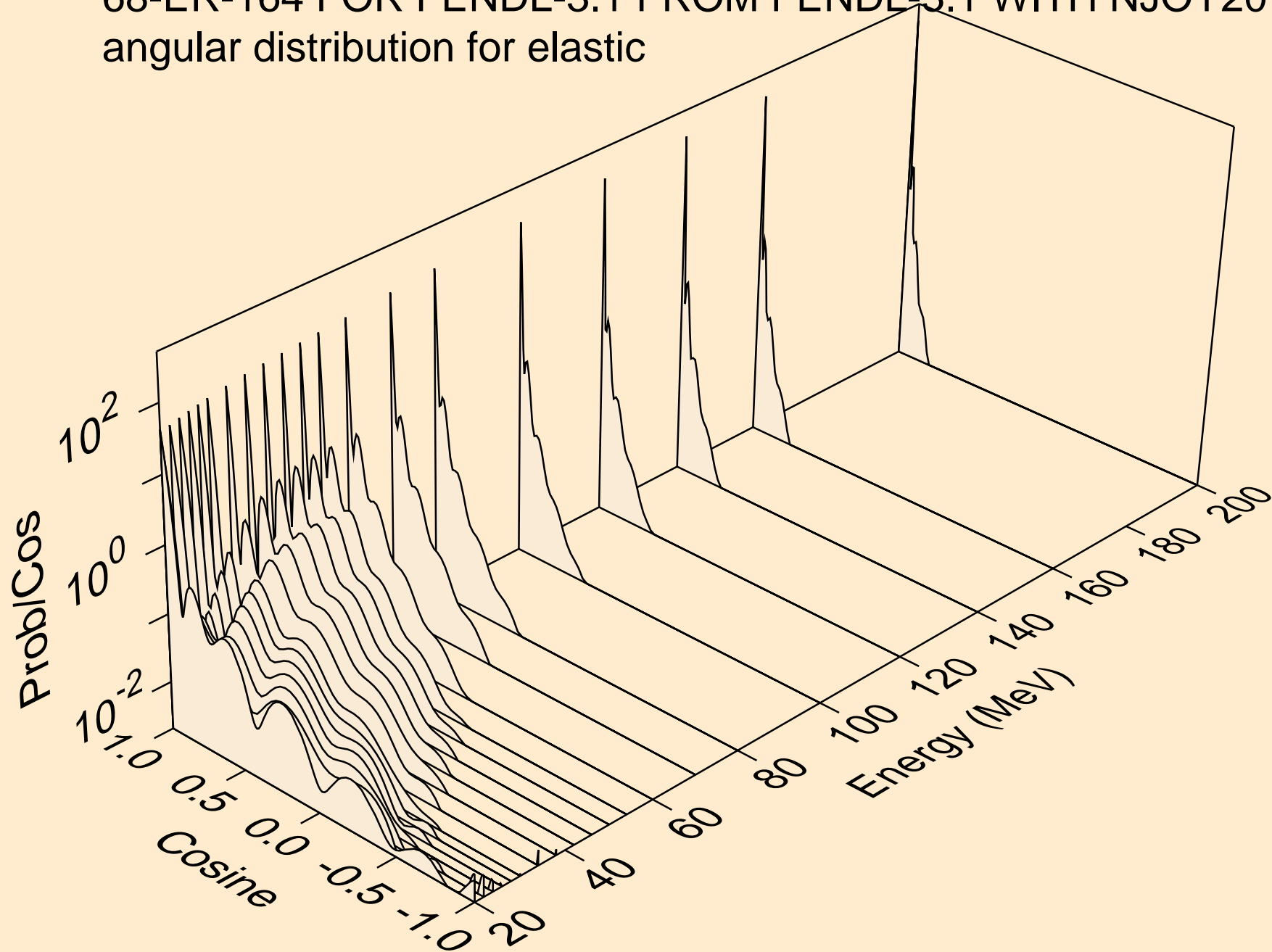Threshold reactions

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Threshold reactions

Legend:
- (n,xp) — black
- (n,xd) — red
- (n,xt) — green
- (n,xhe3) — blue
- (n,xa) — magenta

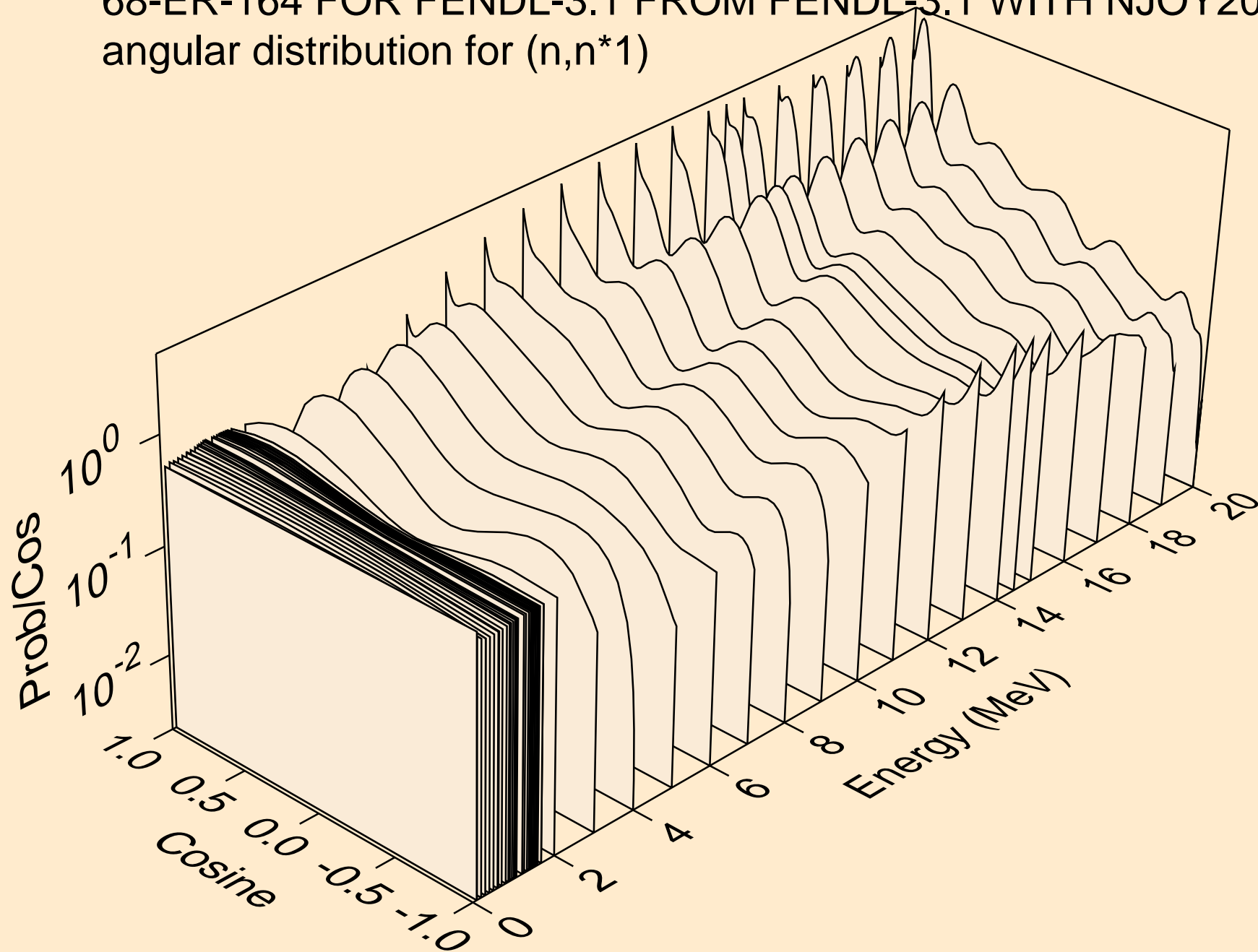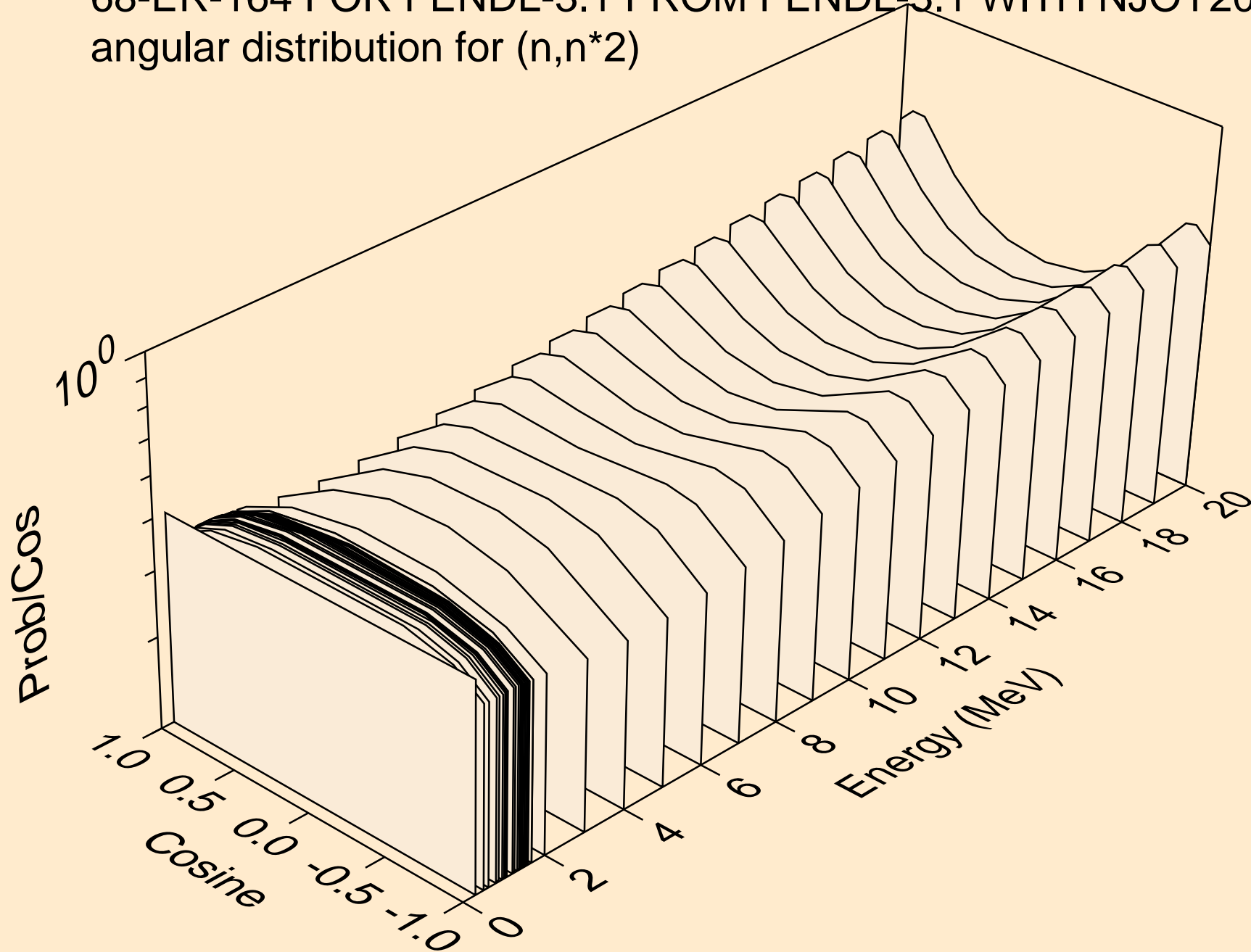Cross section (barns) vs Energy (MeV)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for elastic

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
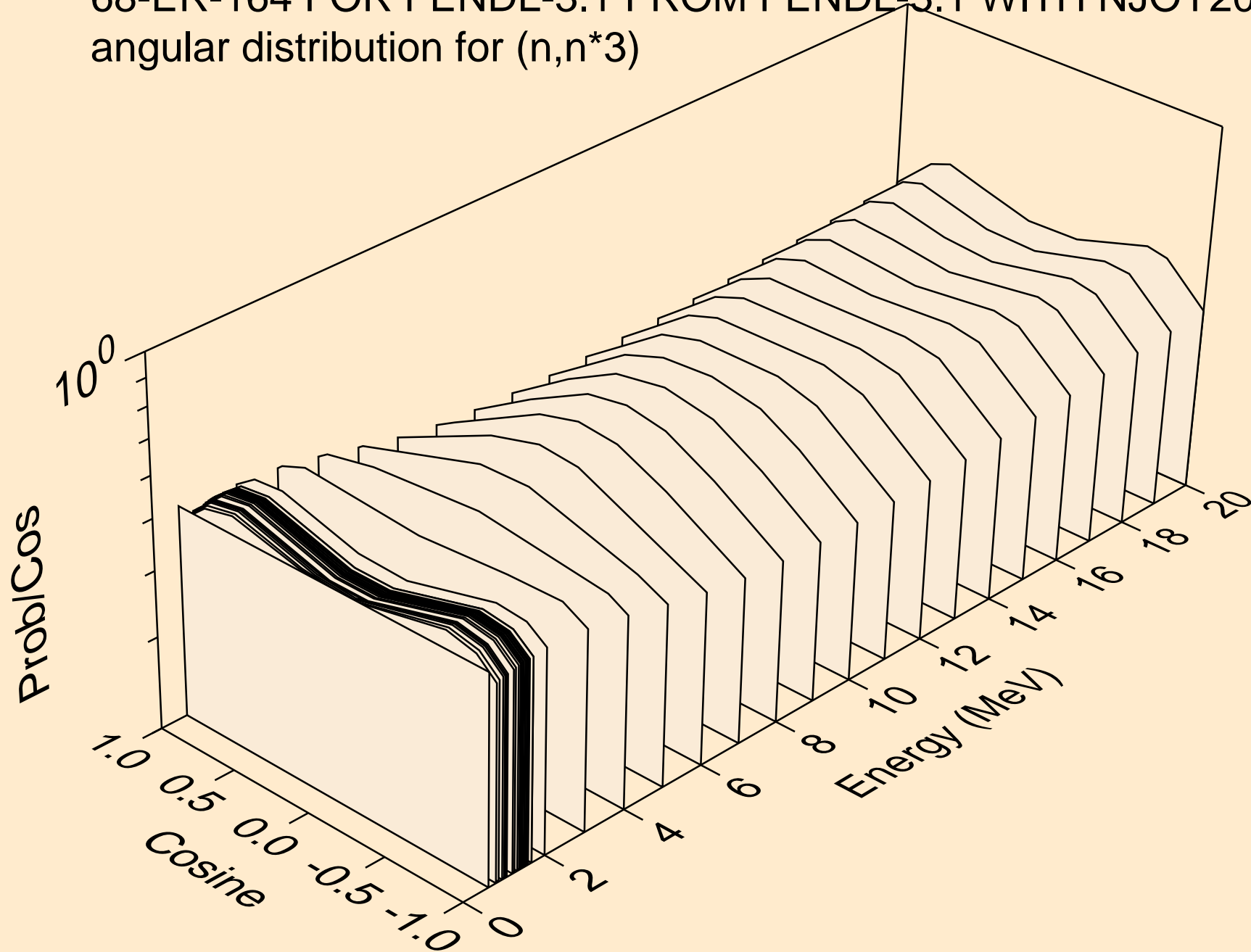angular distribution for elastic

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
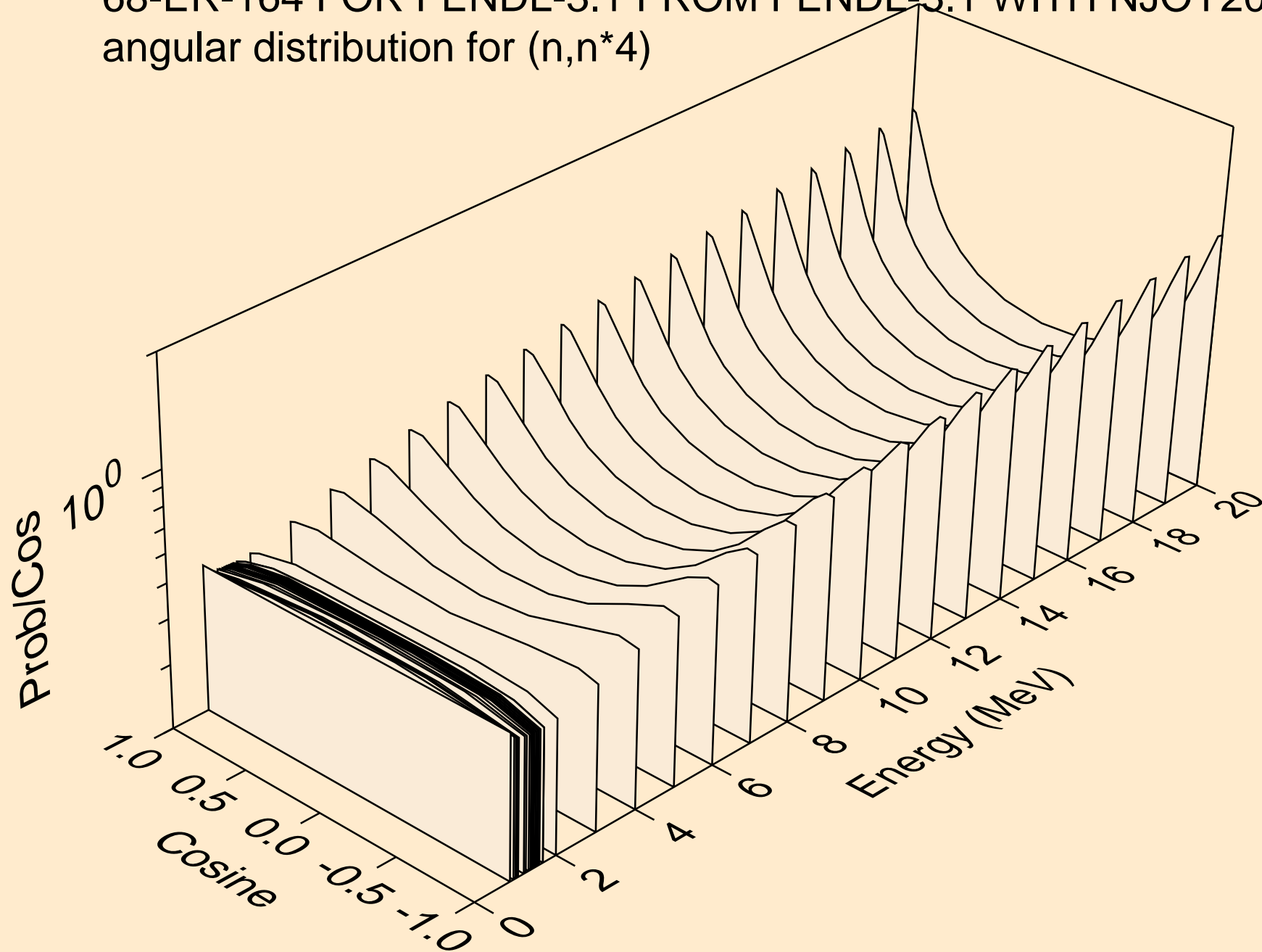angular distribution for (n,n*1)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
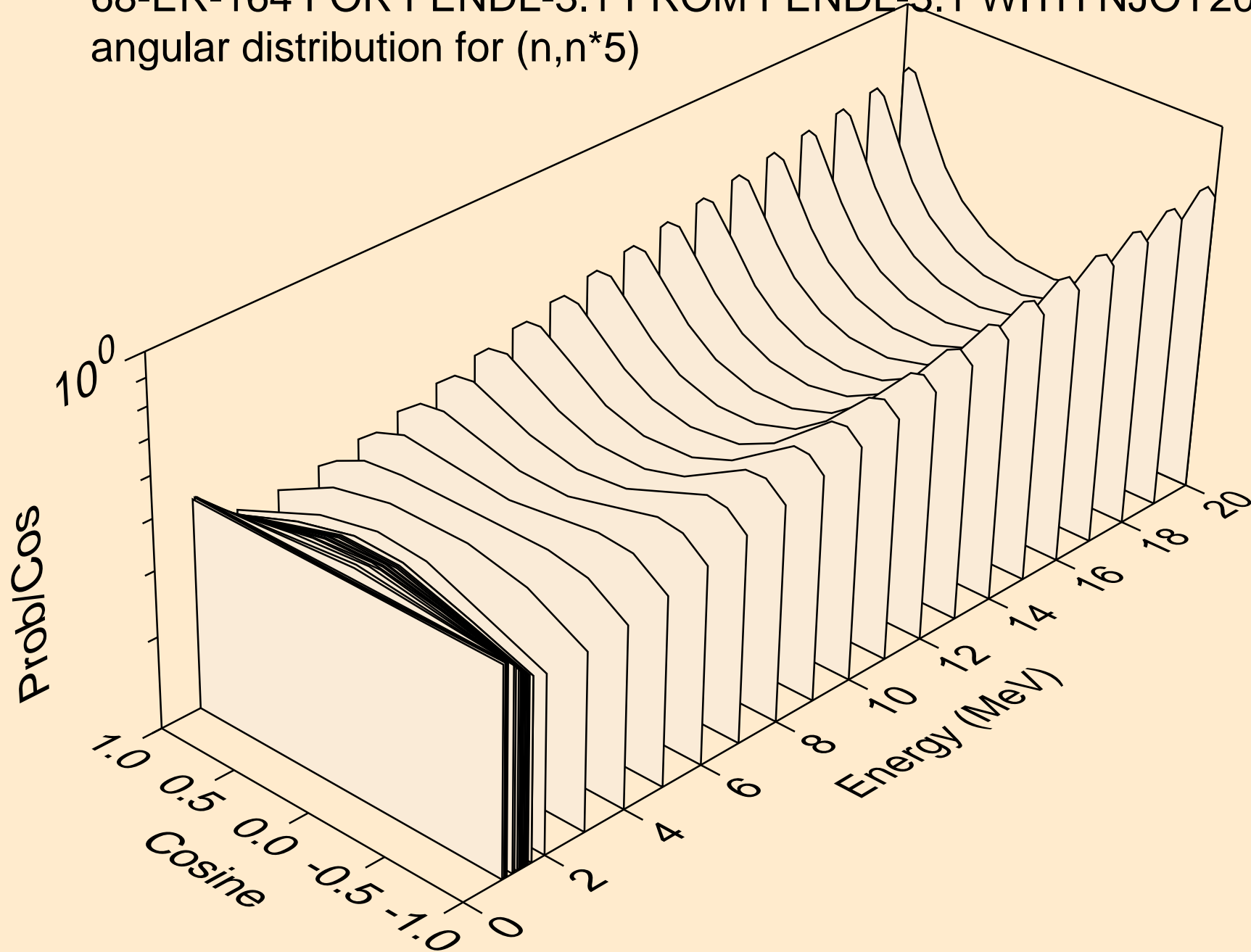angular distribution for (n,n*2)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
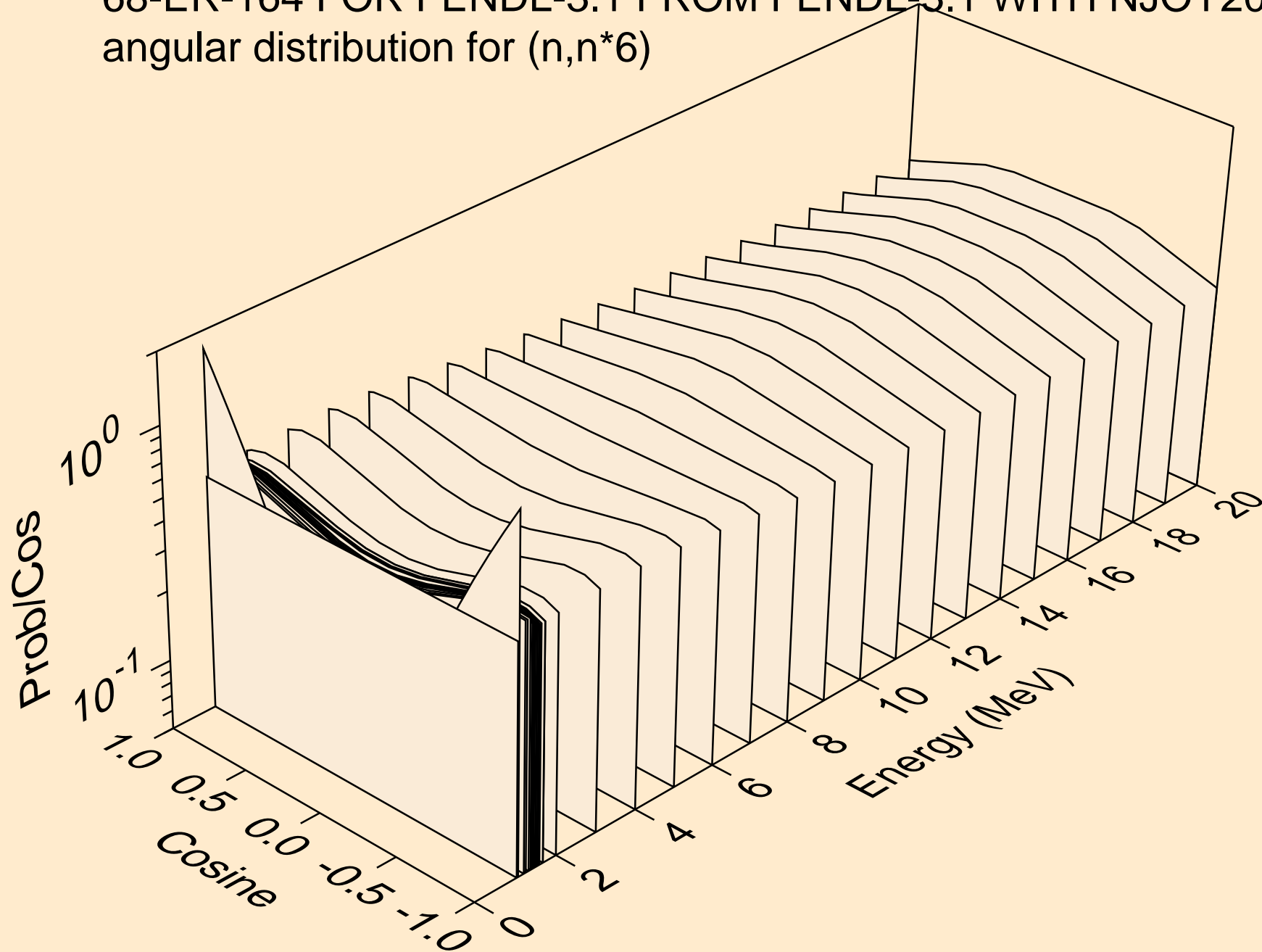angular distribution for (n,n*3)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
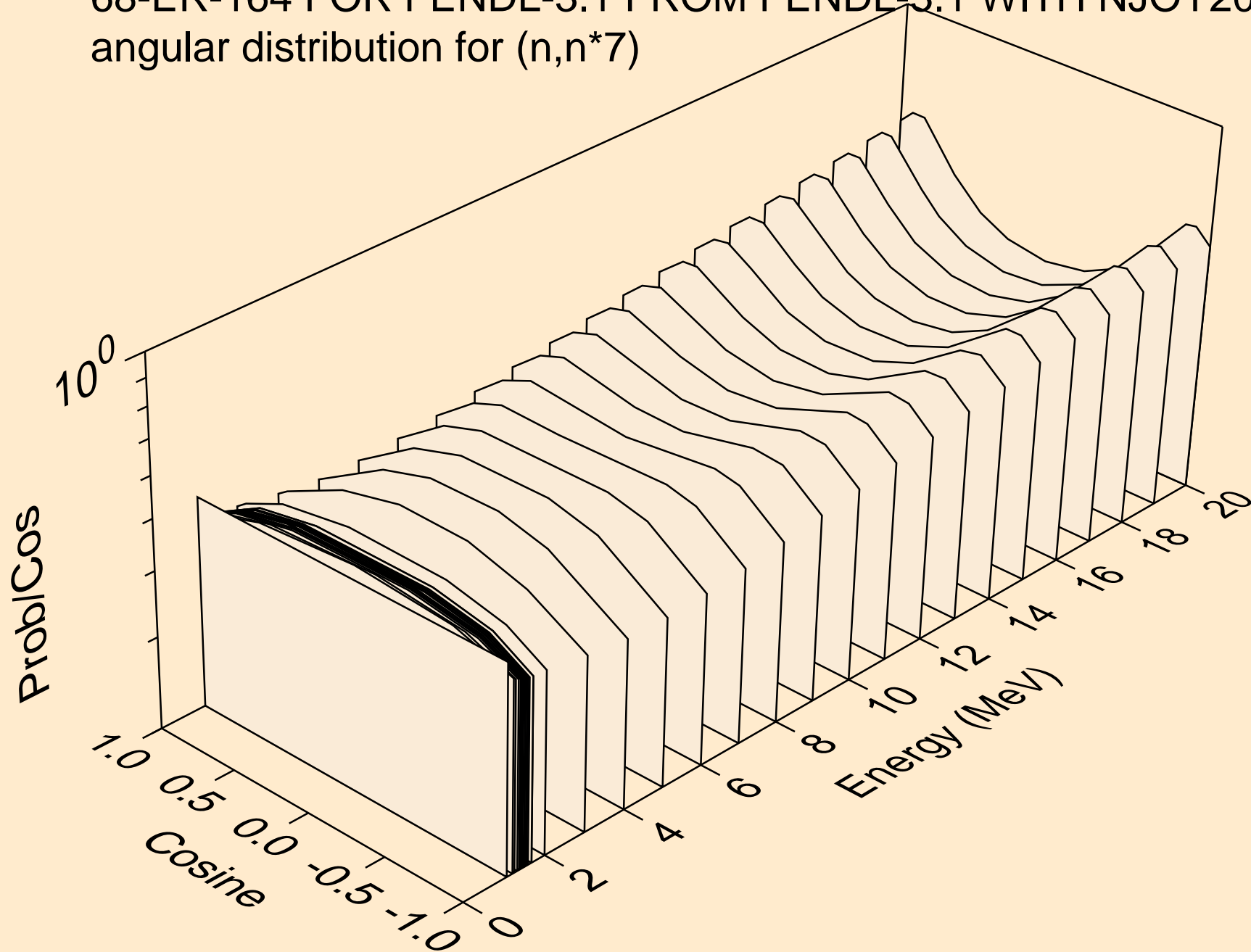angular distribution for (n,n*4)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*5)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*6)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*7)
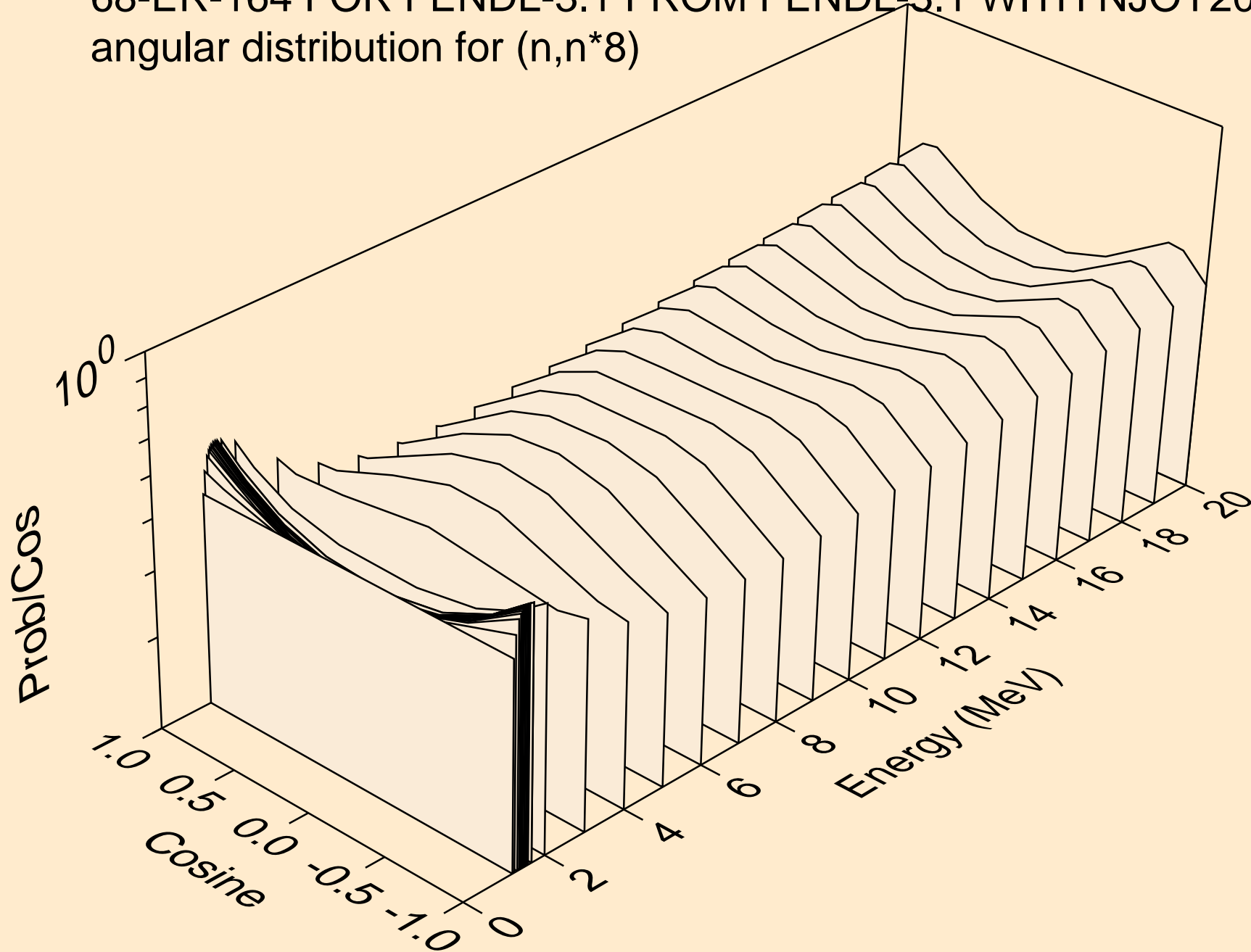
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*8)
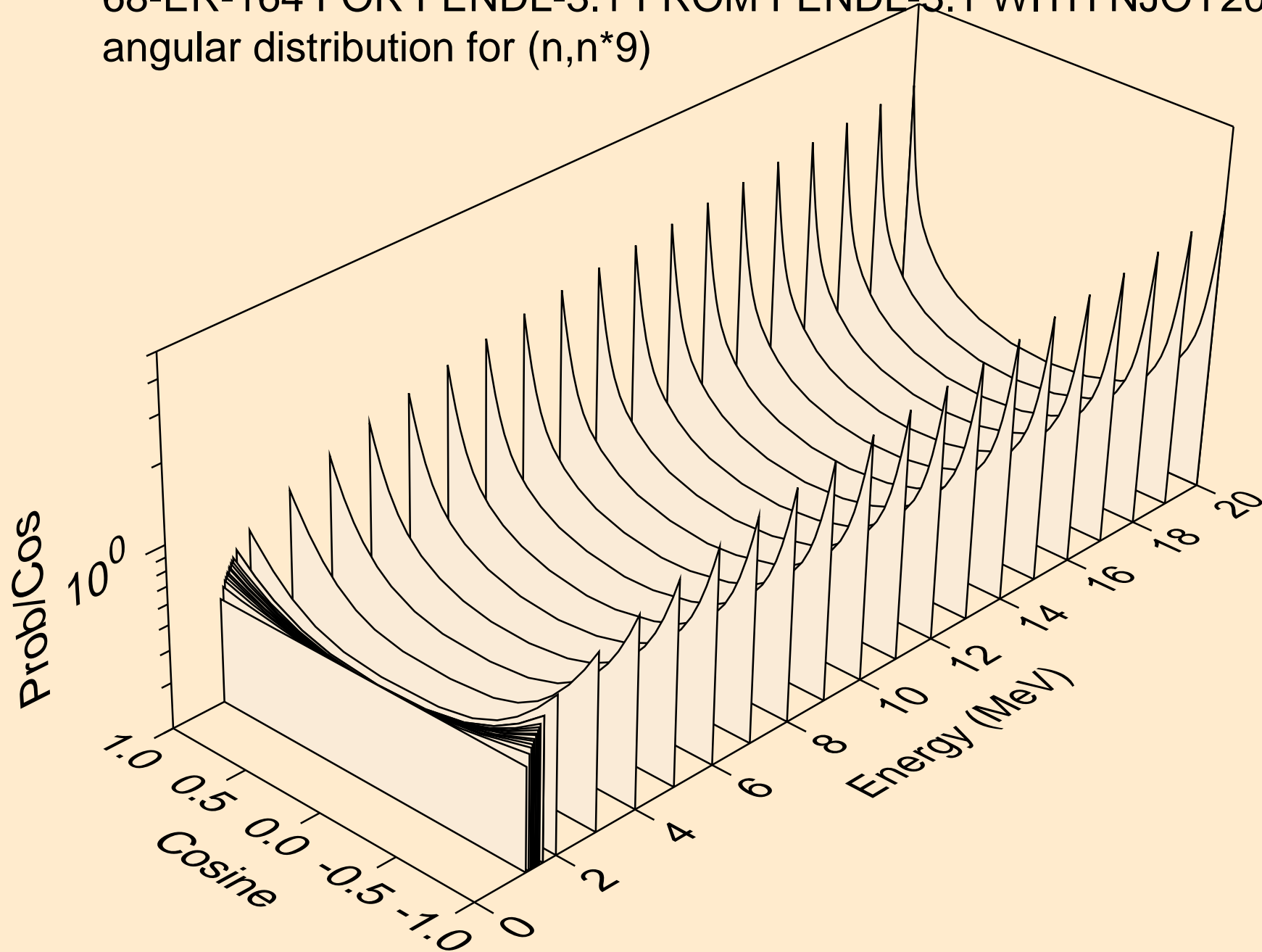
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*9)
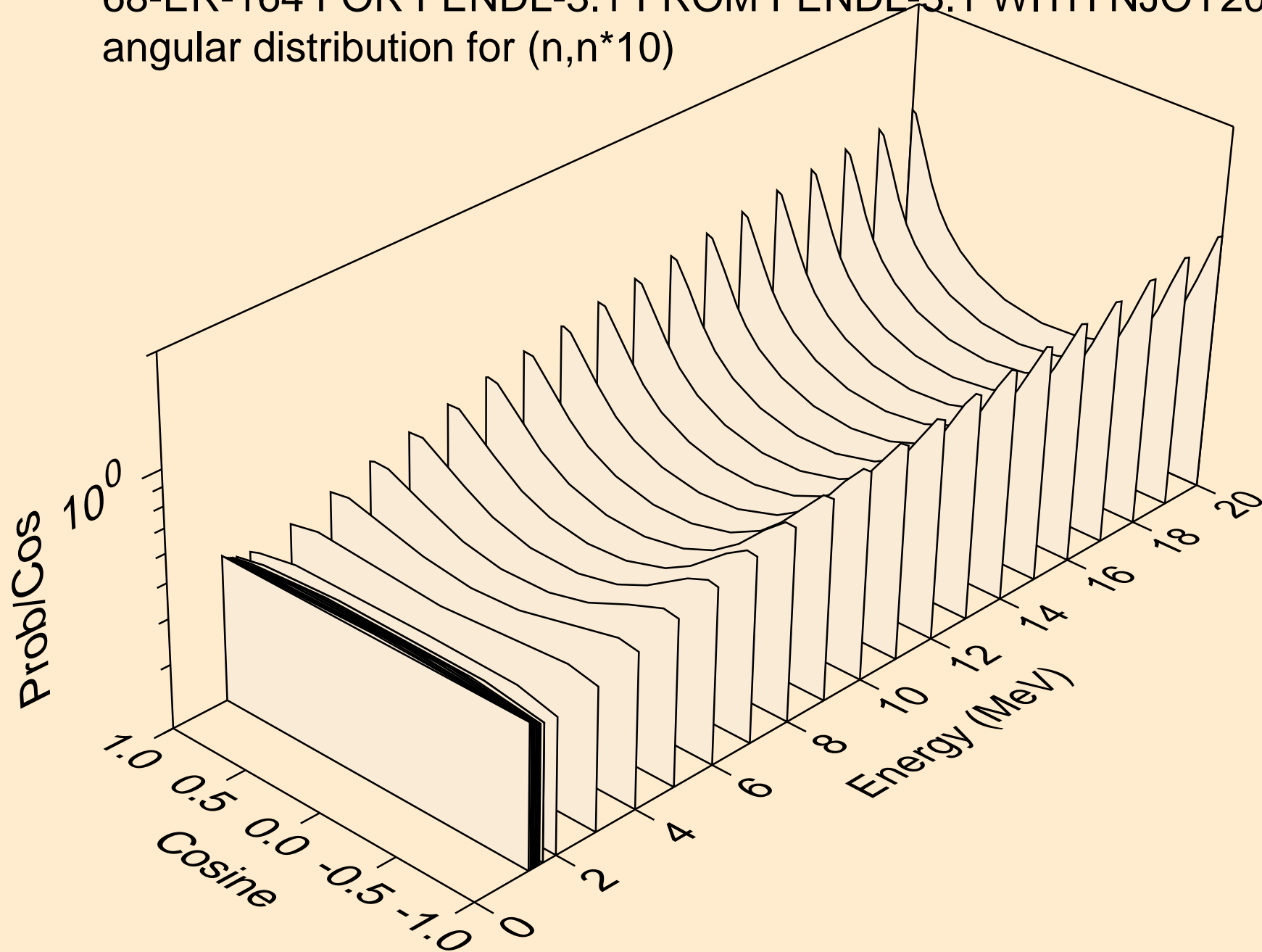
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*10)
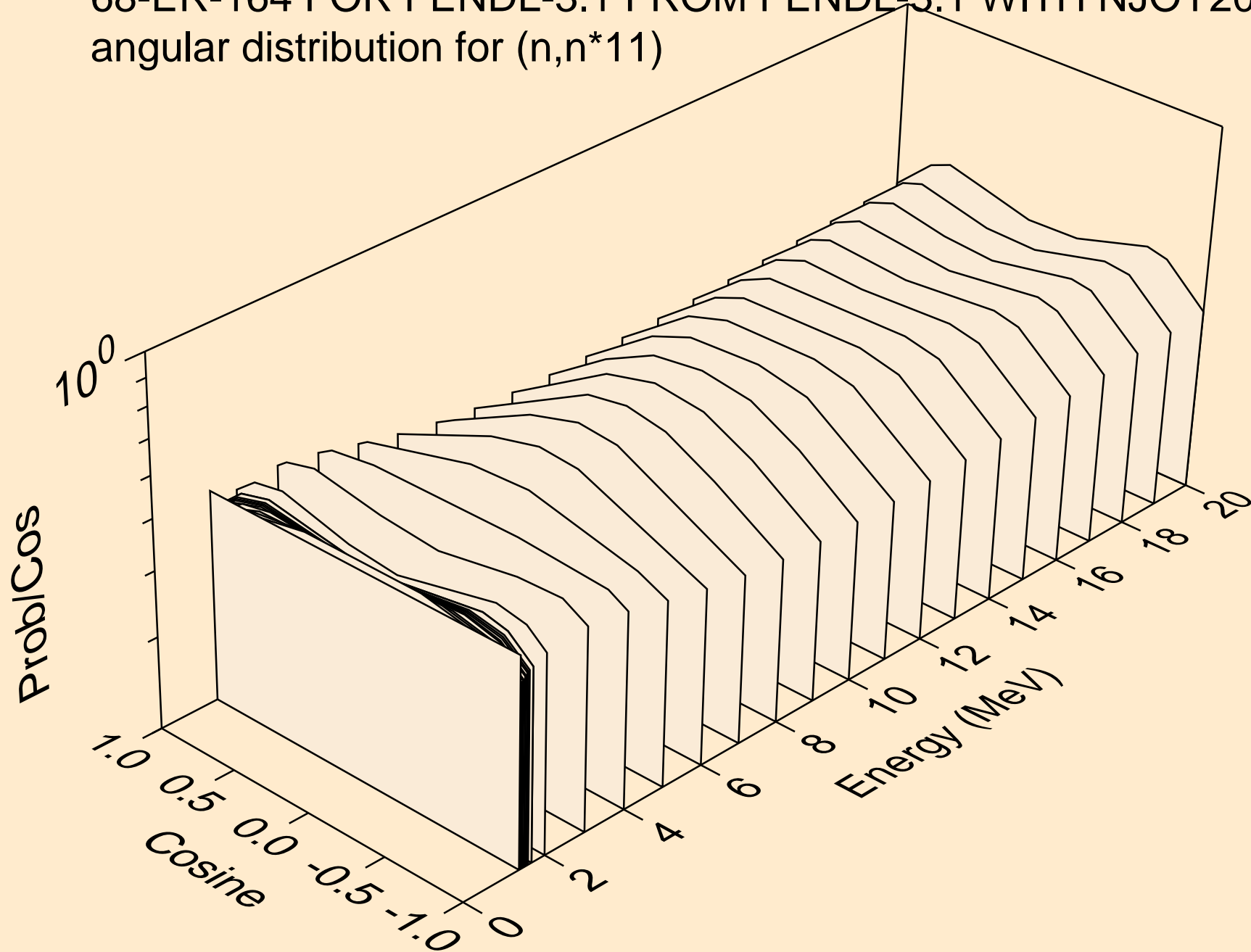
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*11)
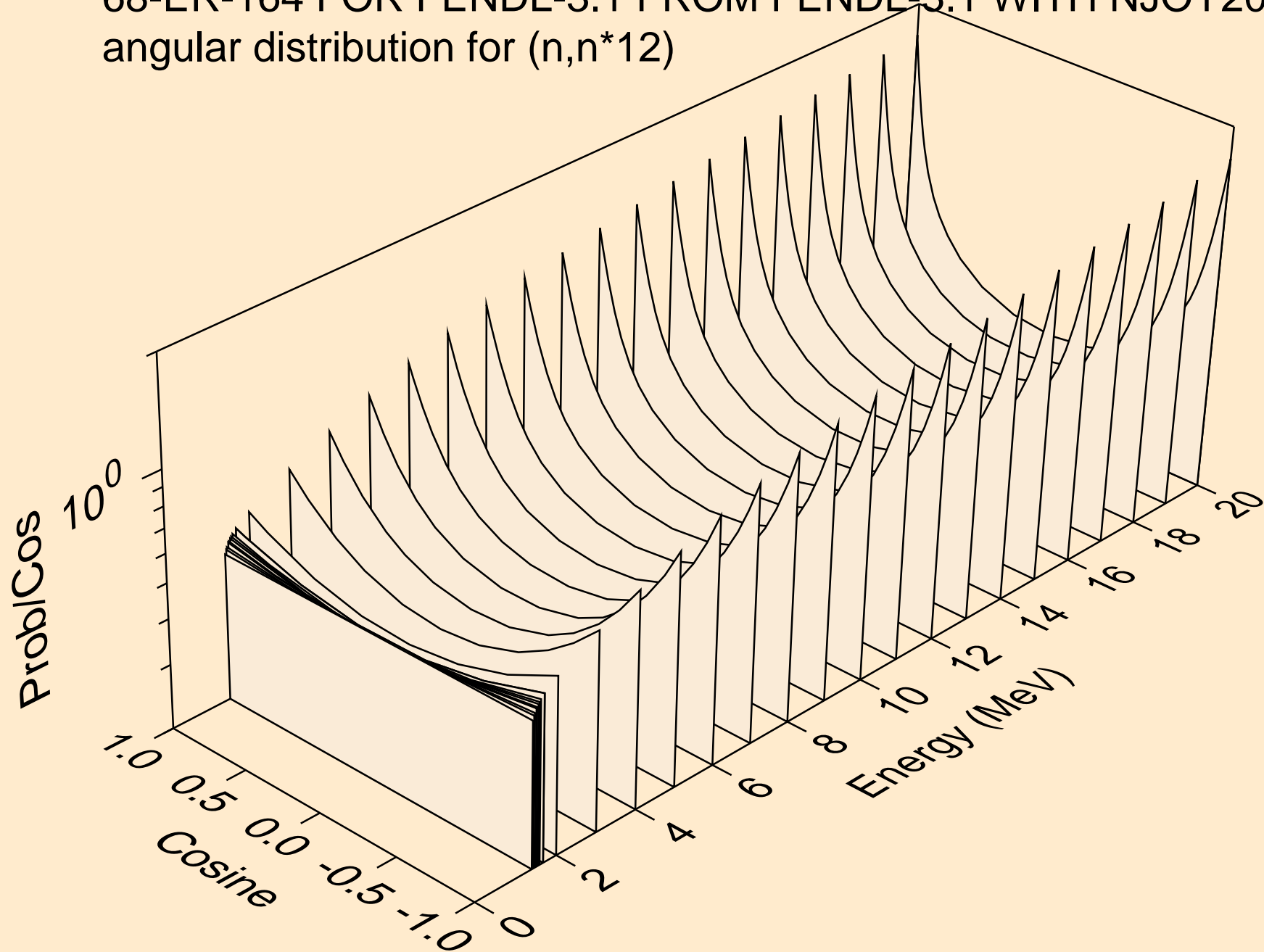
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*12)
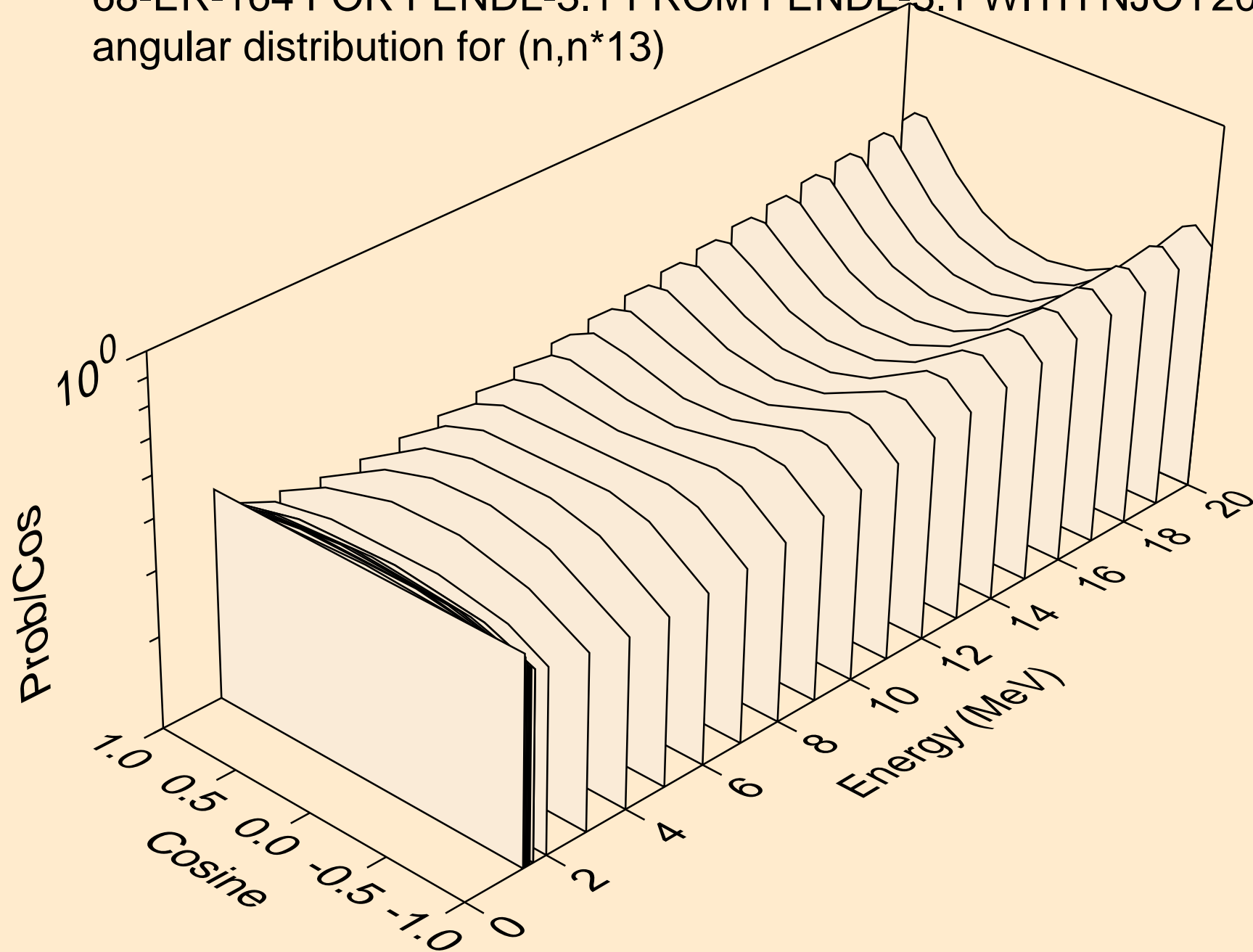
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*13)
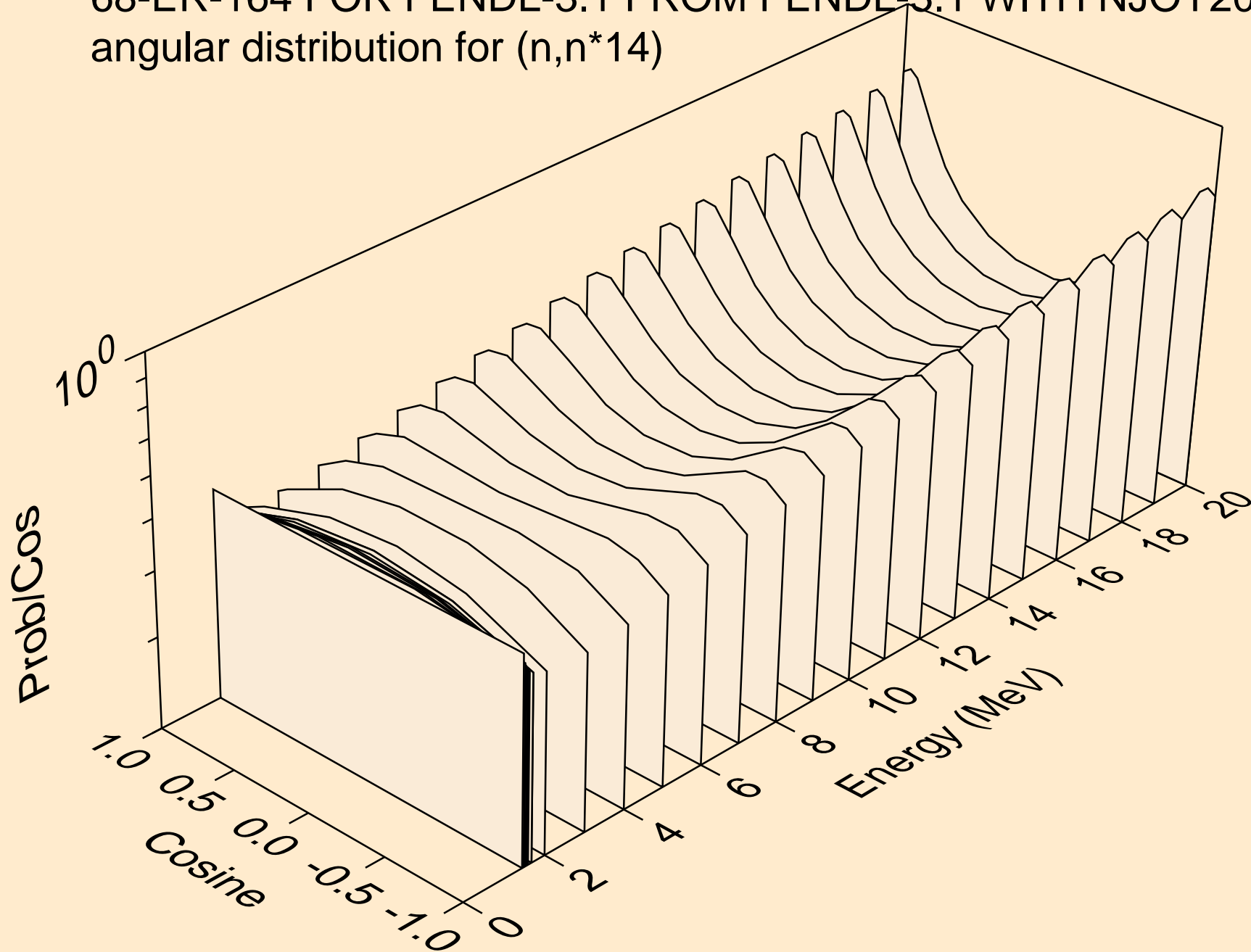
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*14)
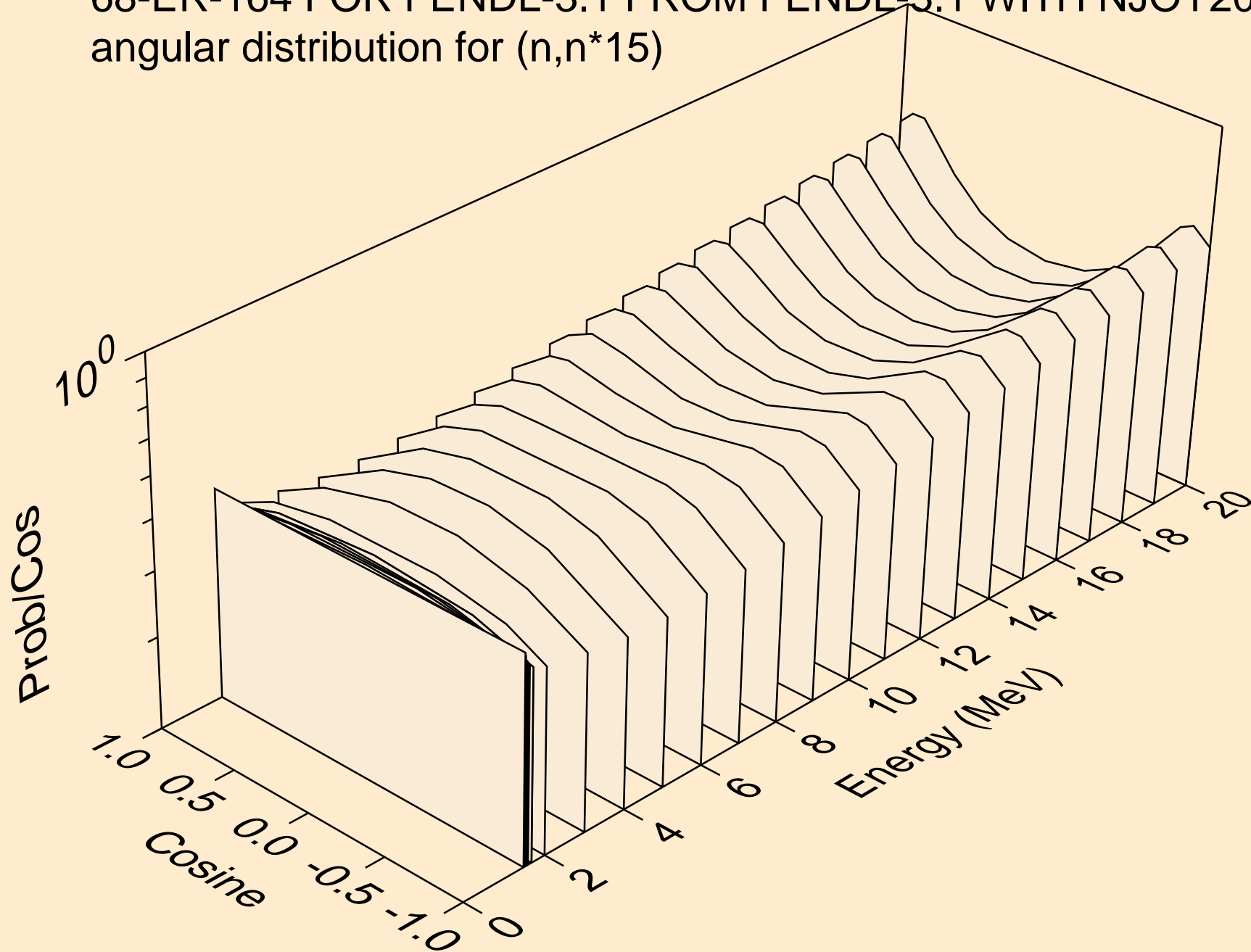
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*15)
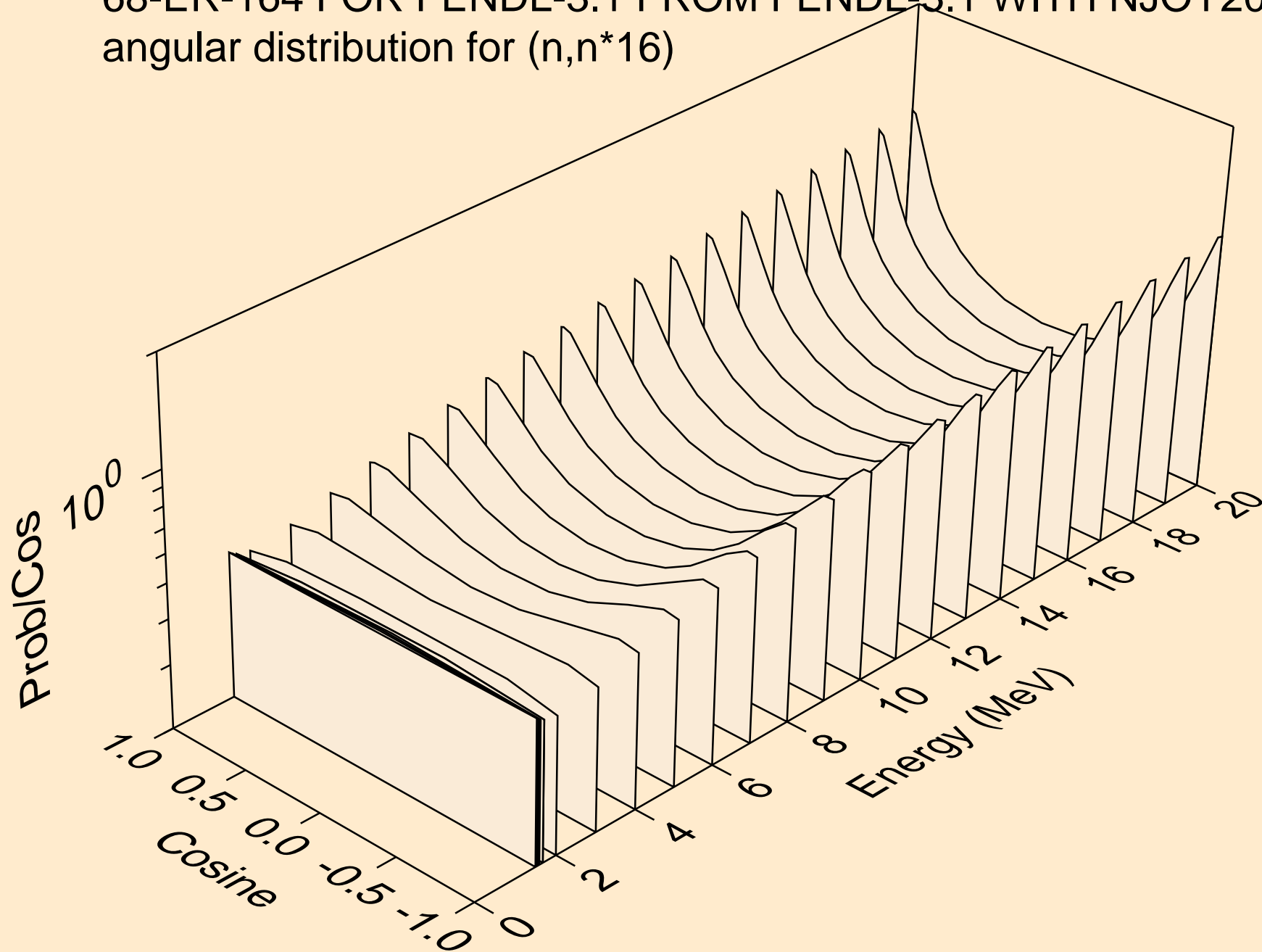
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
angular distribution for (n,n*16)
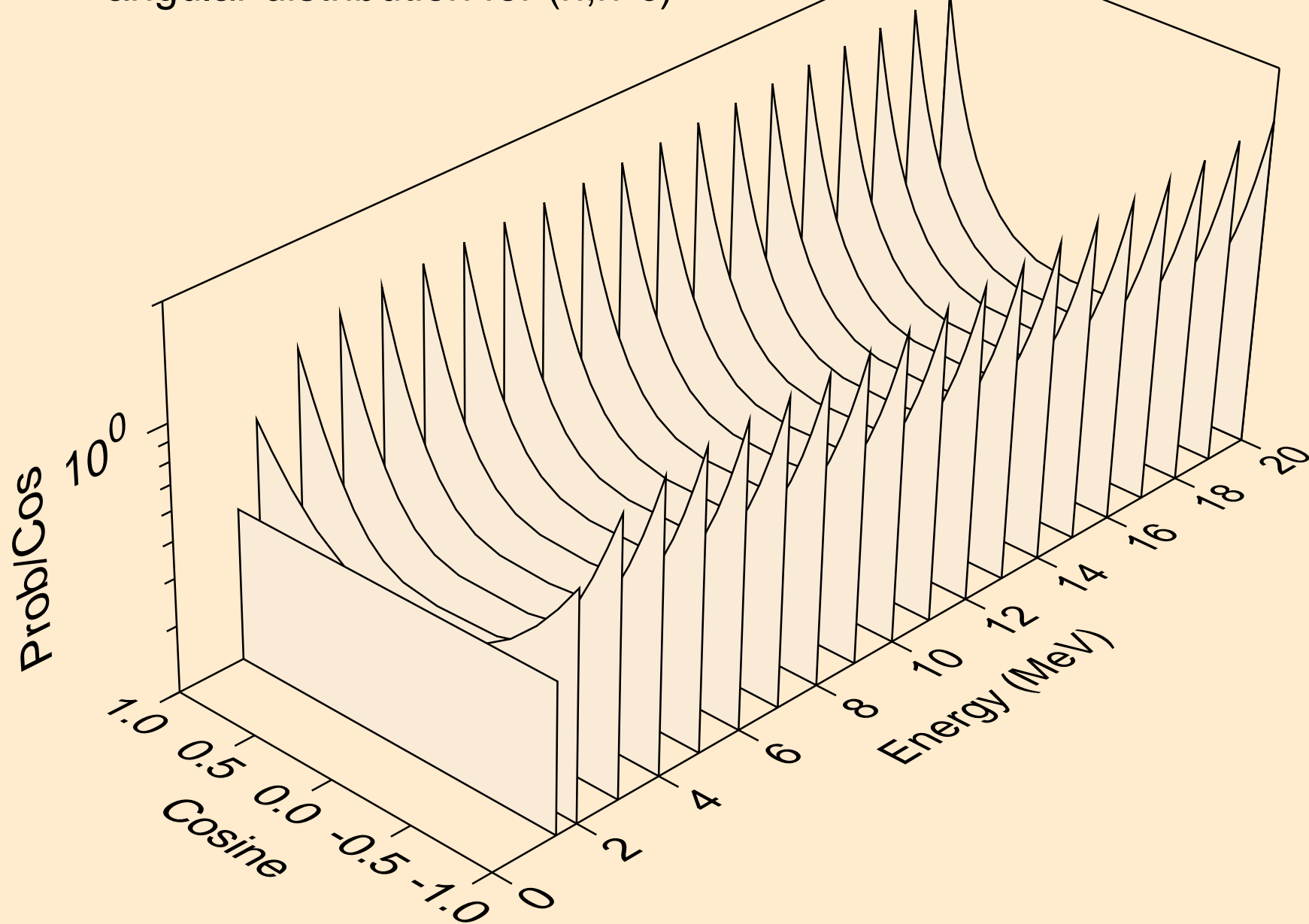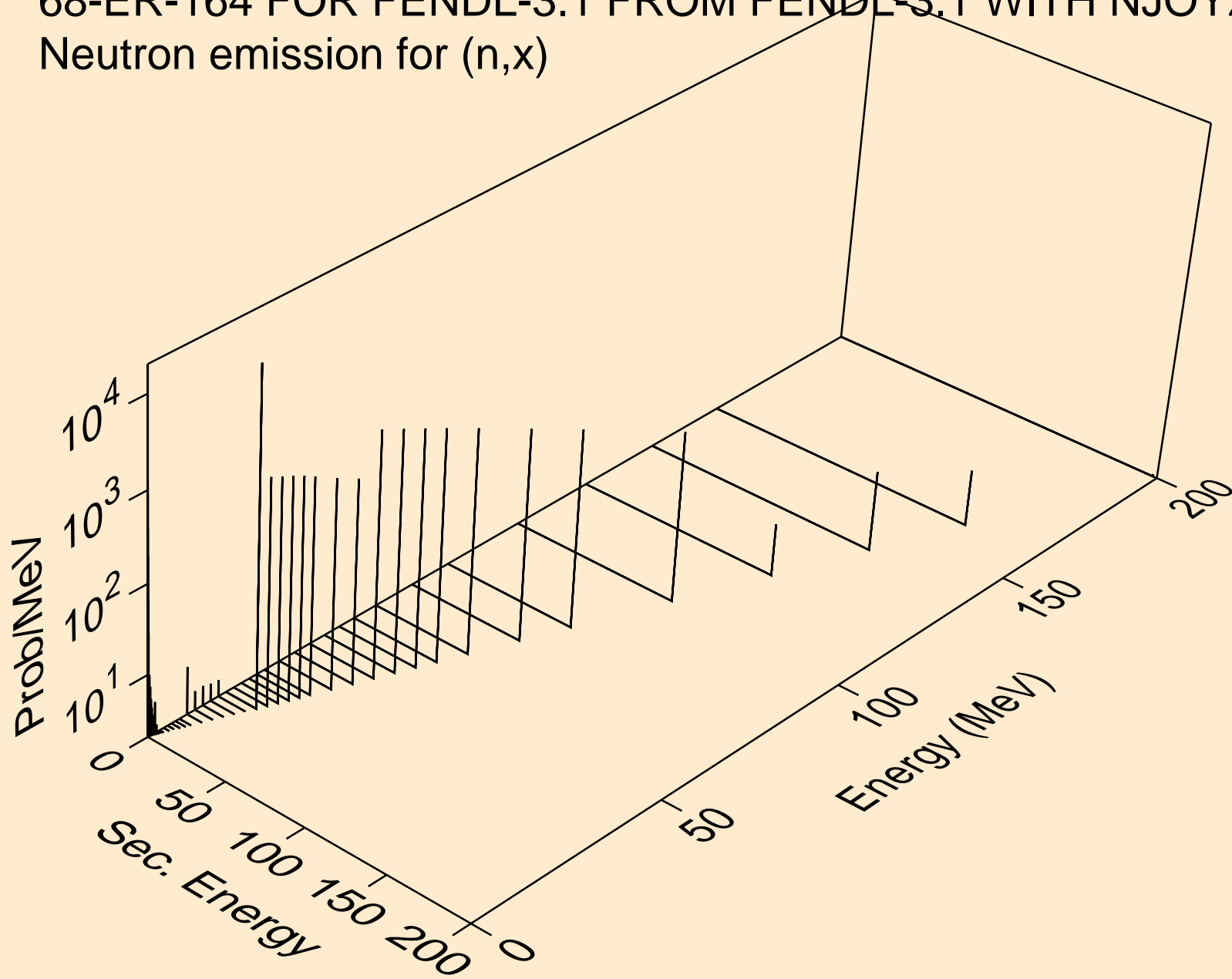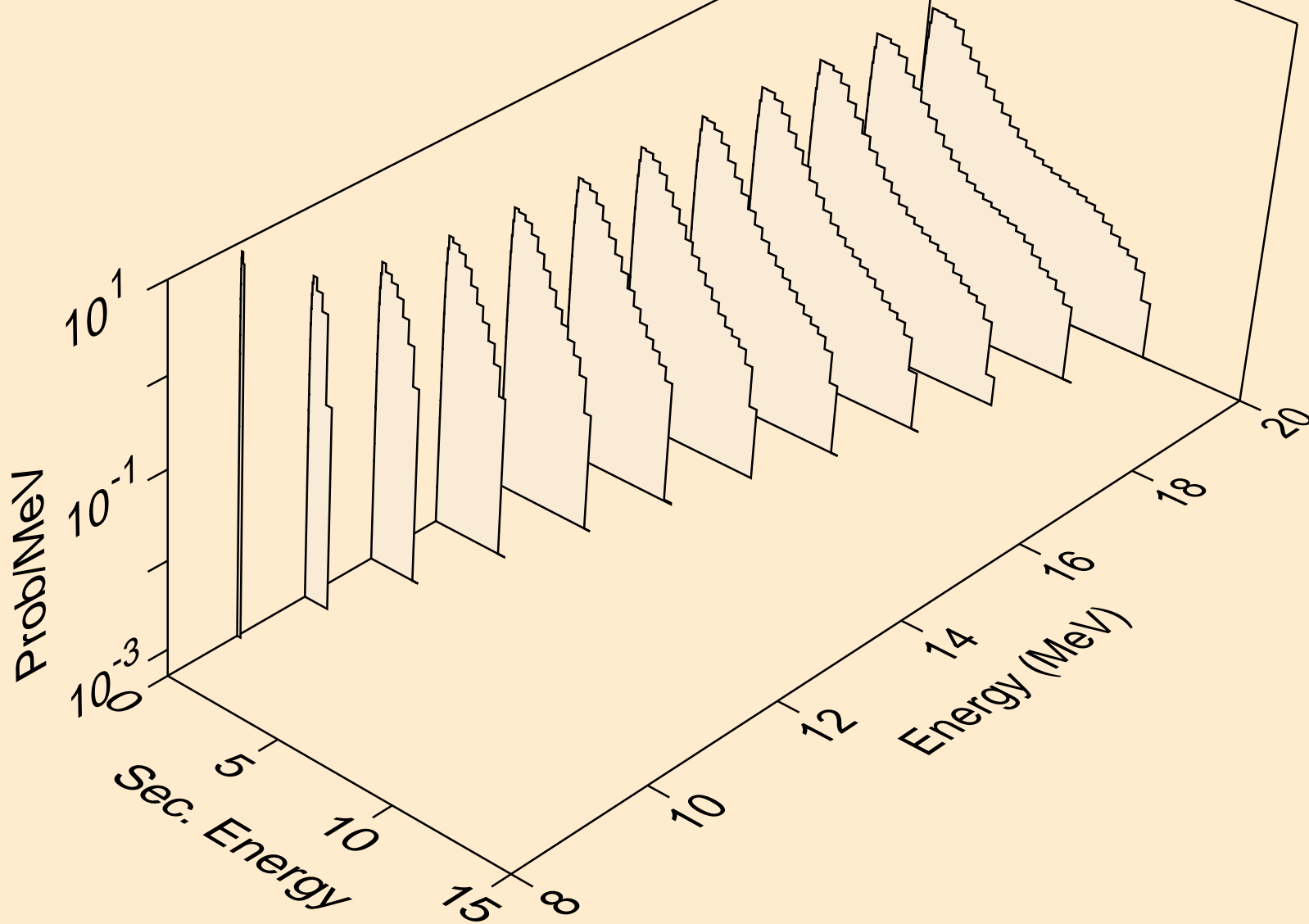
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
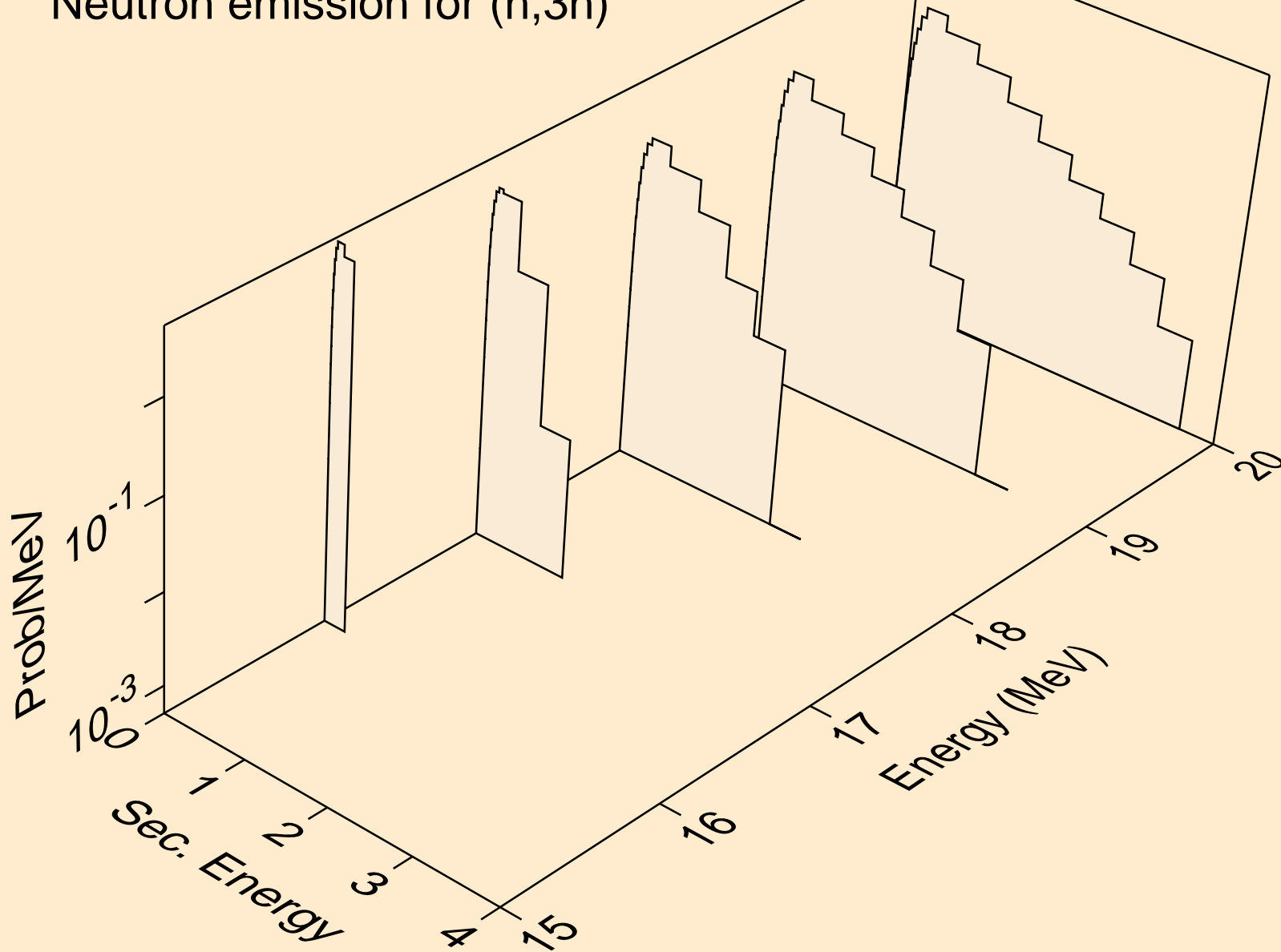angular distribution for (n,n*c)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
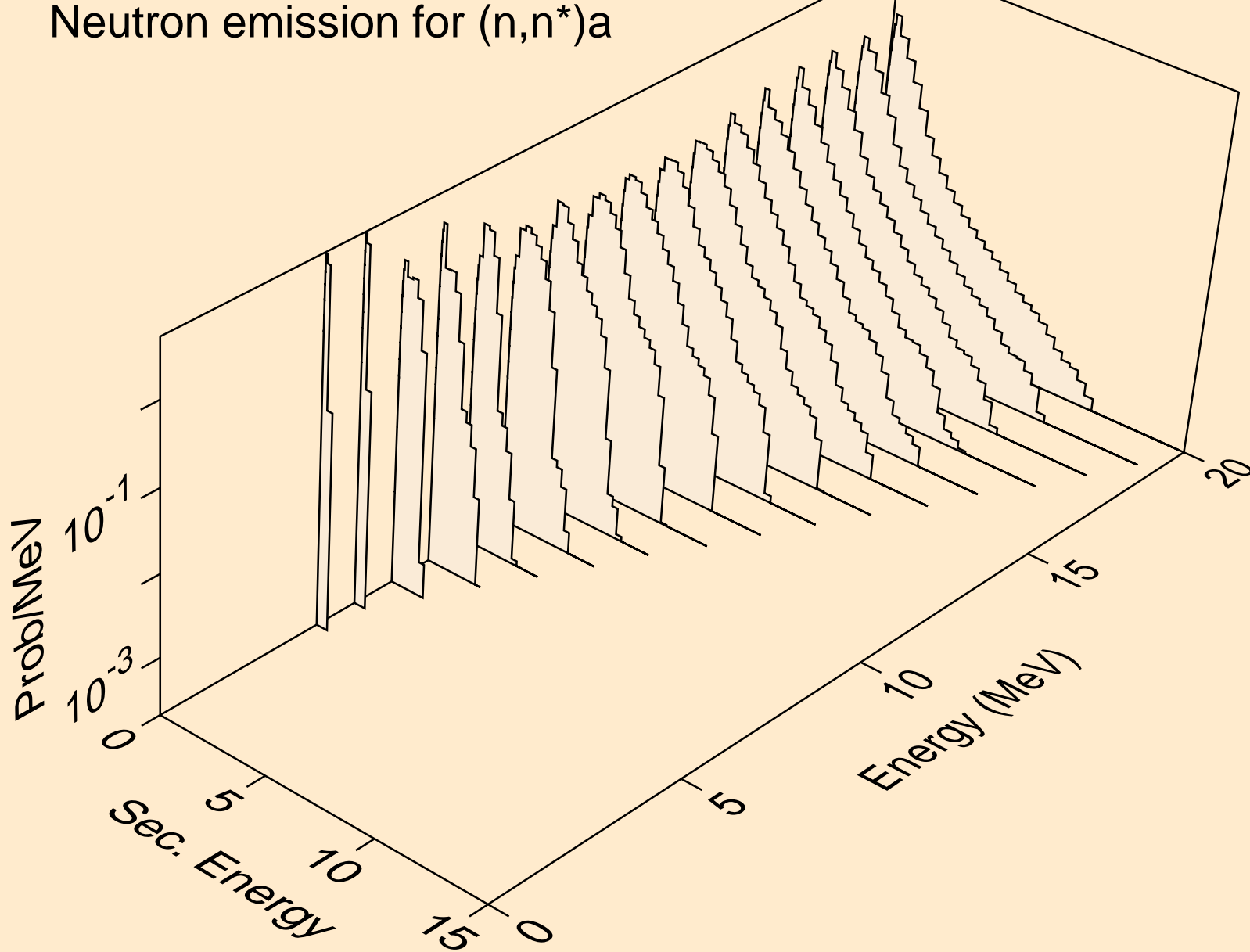Neutron emission for (n,x)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Neutron emission for (n,2n)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Neutron emission for (n,3n)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Neutron emission for (n,n*)a
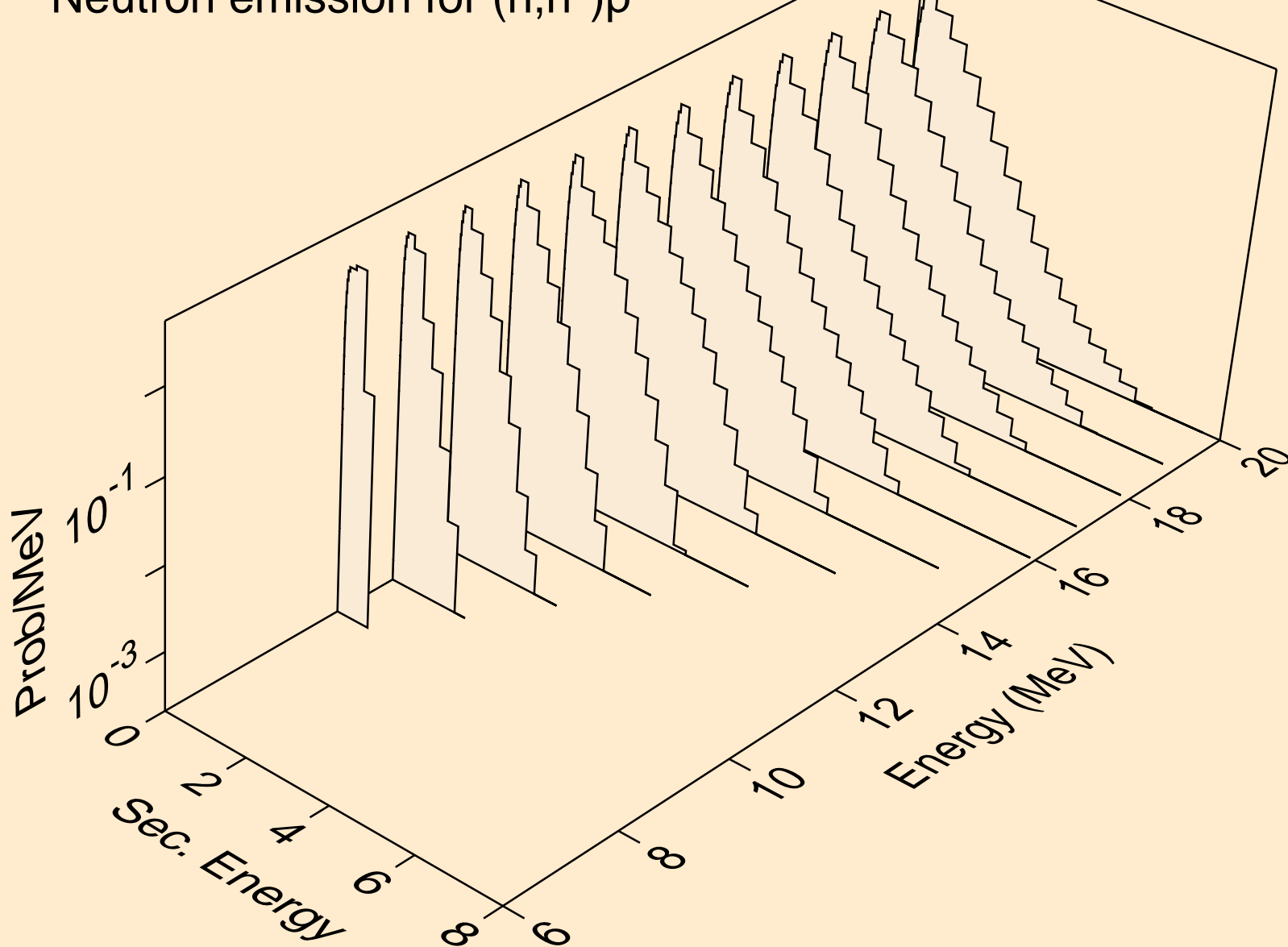
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Neutron emission for (n,n*)p
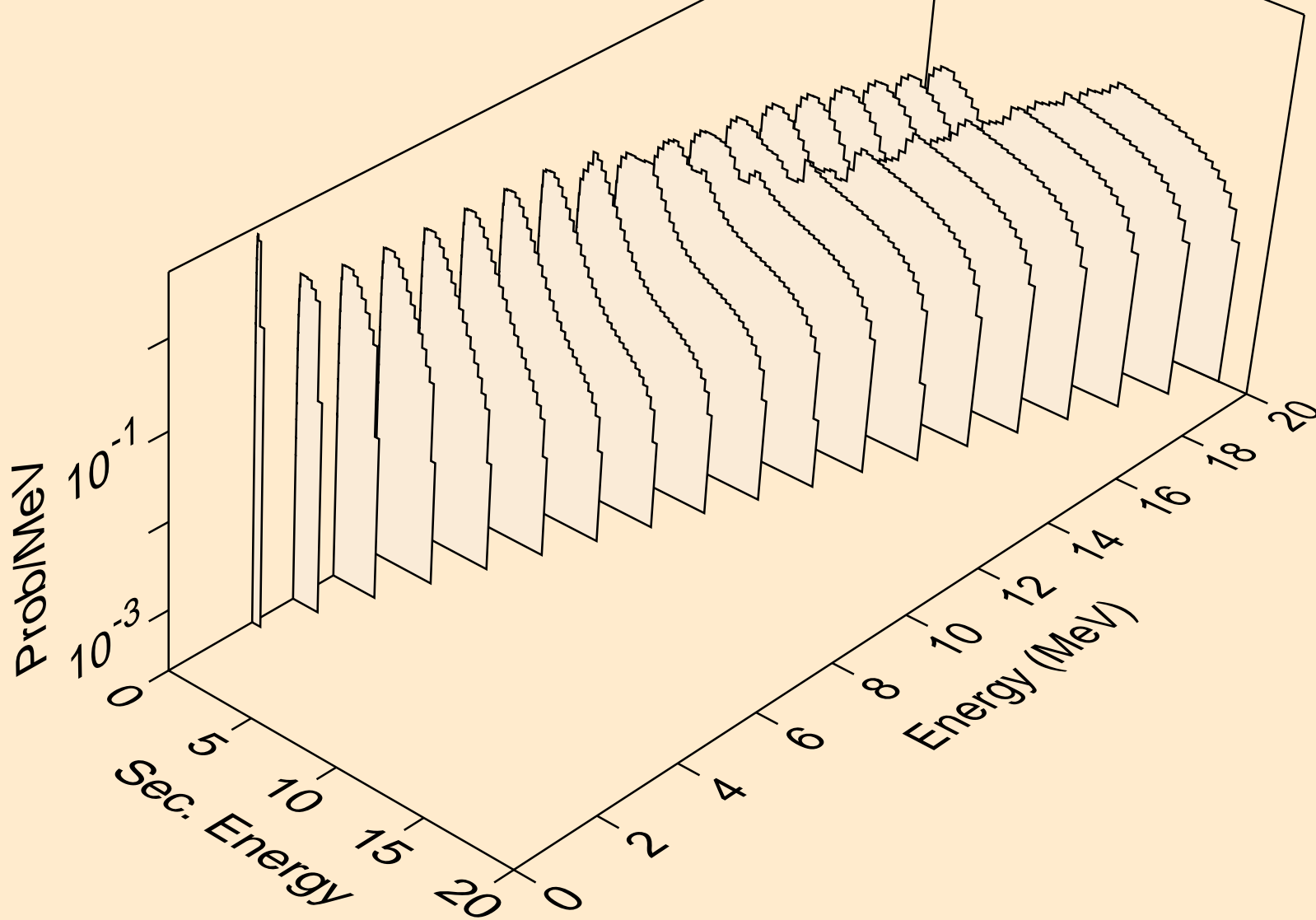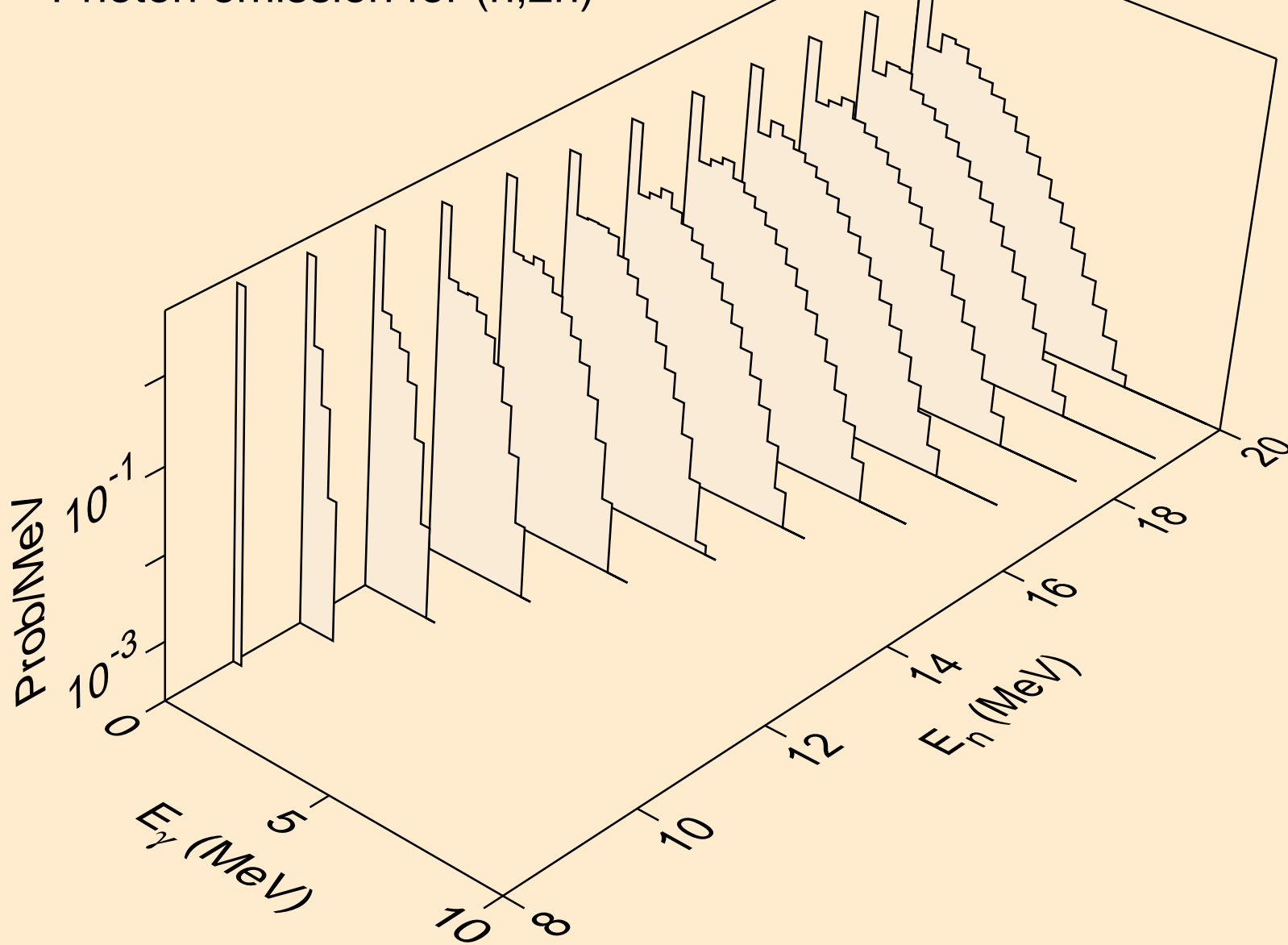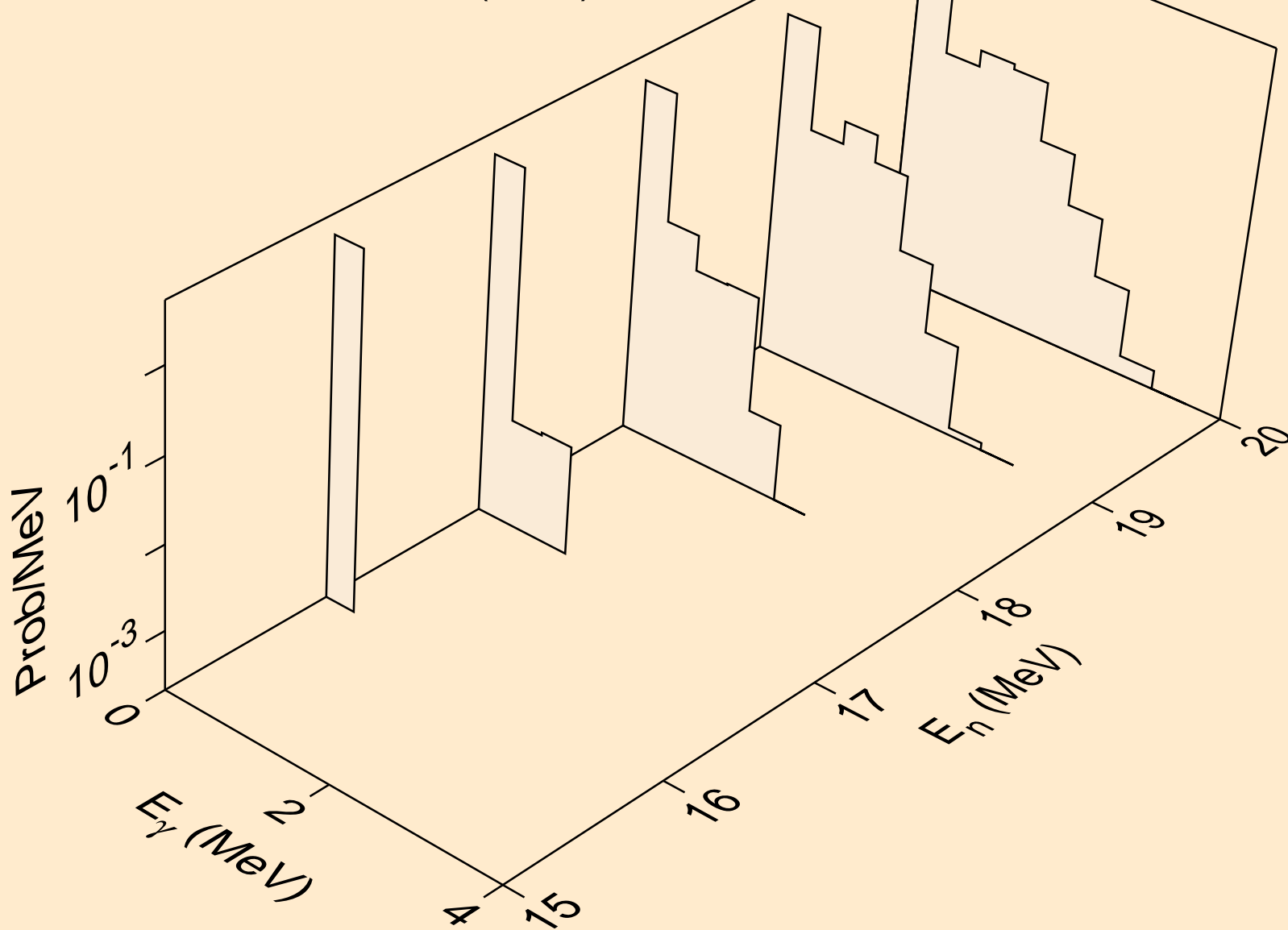
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
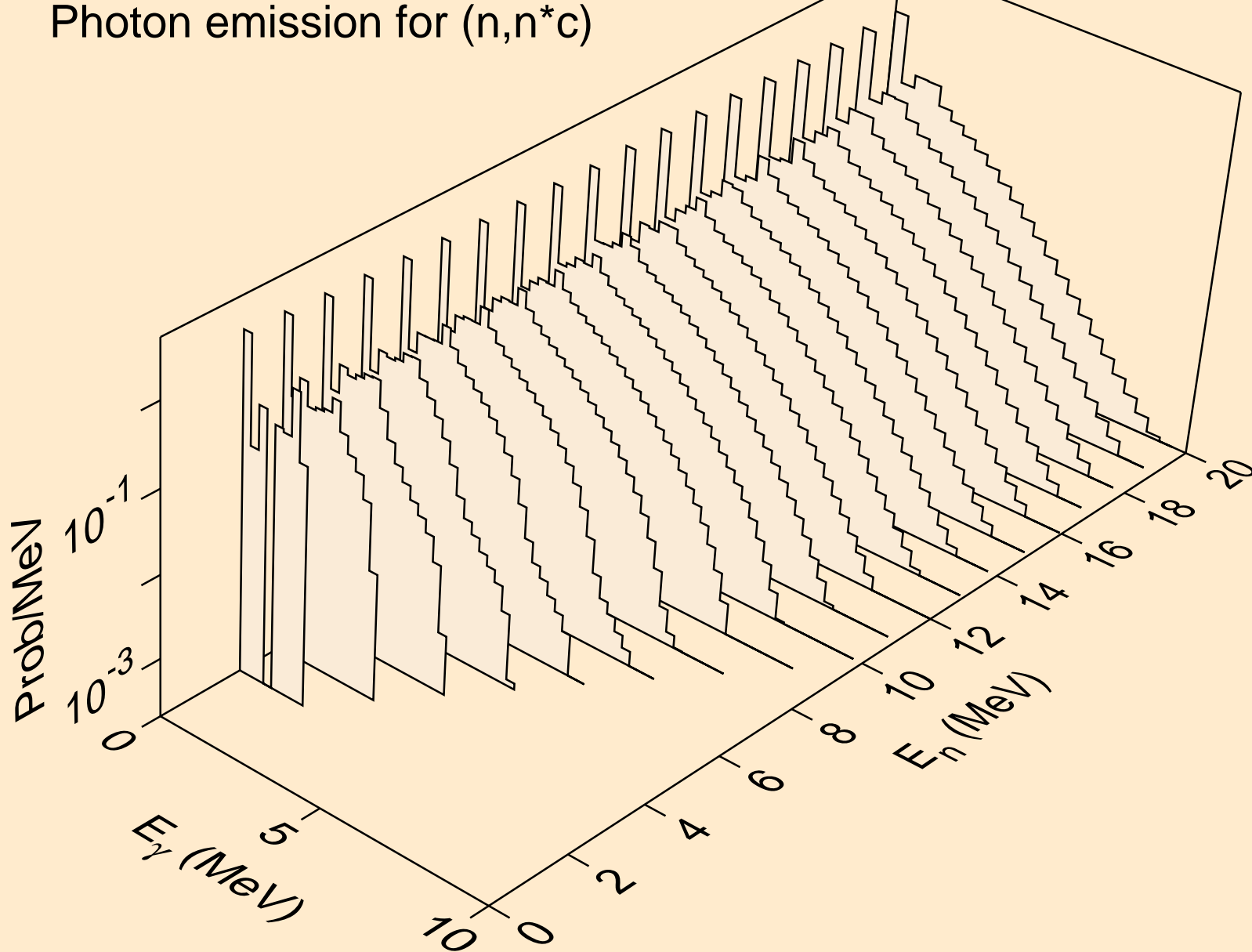Neutron emission for (n,n*c)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Photon emission for (n,2n)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Photon emission for (n,3n)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Photon emission for (n,n*c)

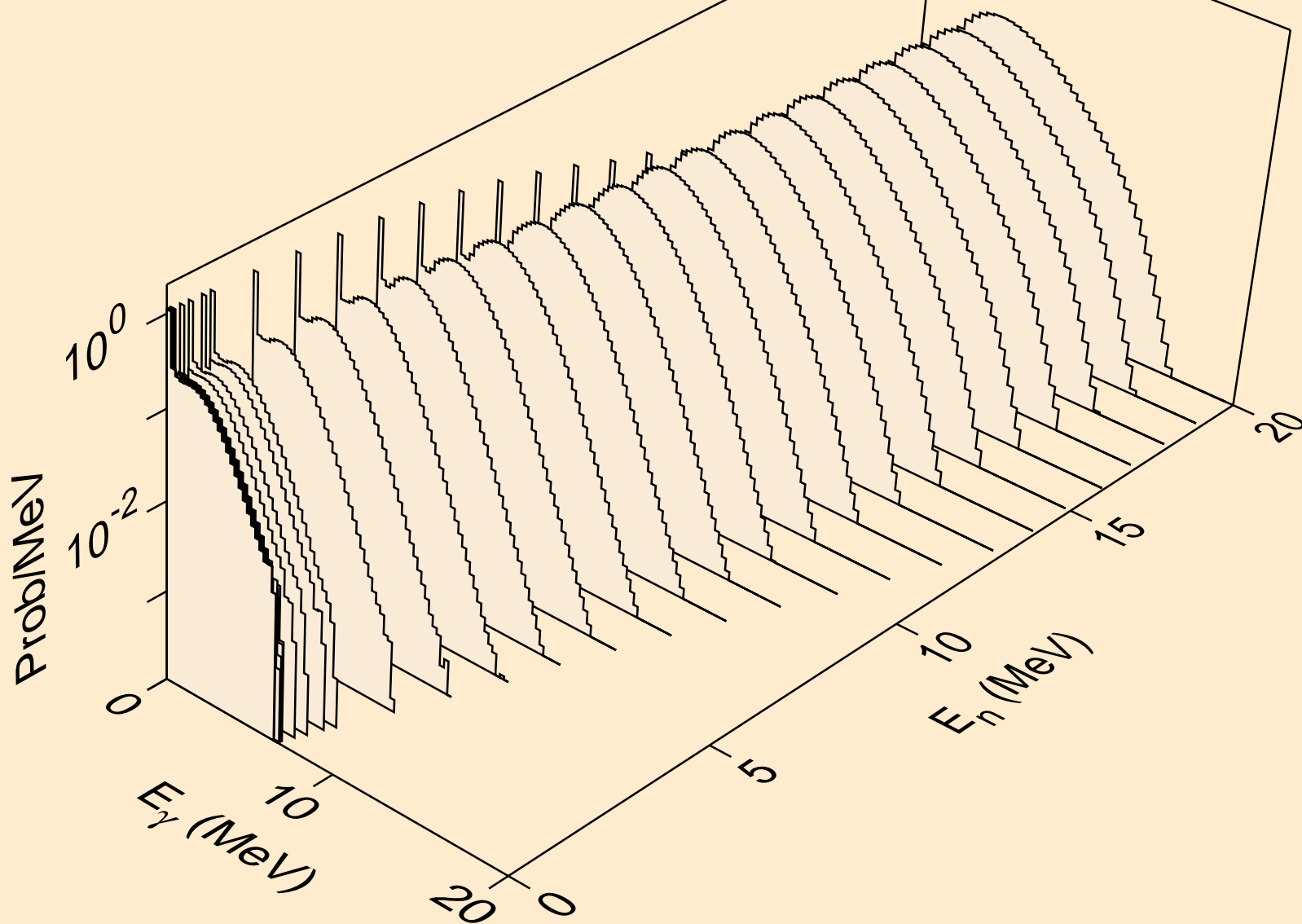68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Photon emission for (n,gma)
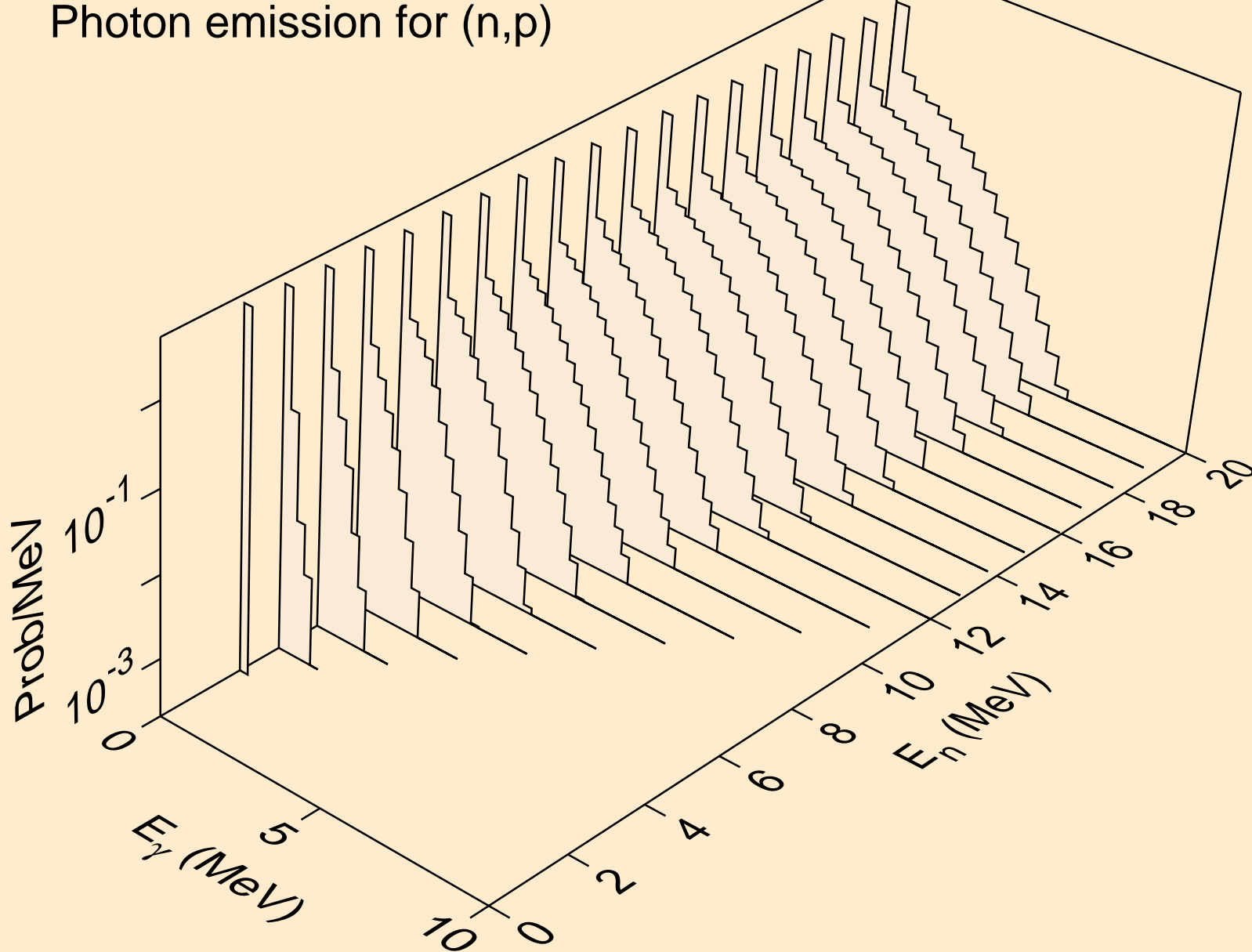
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Photon emission for (n,p)
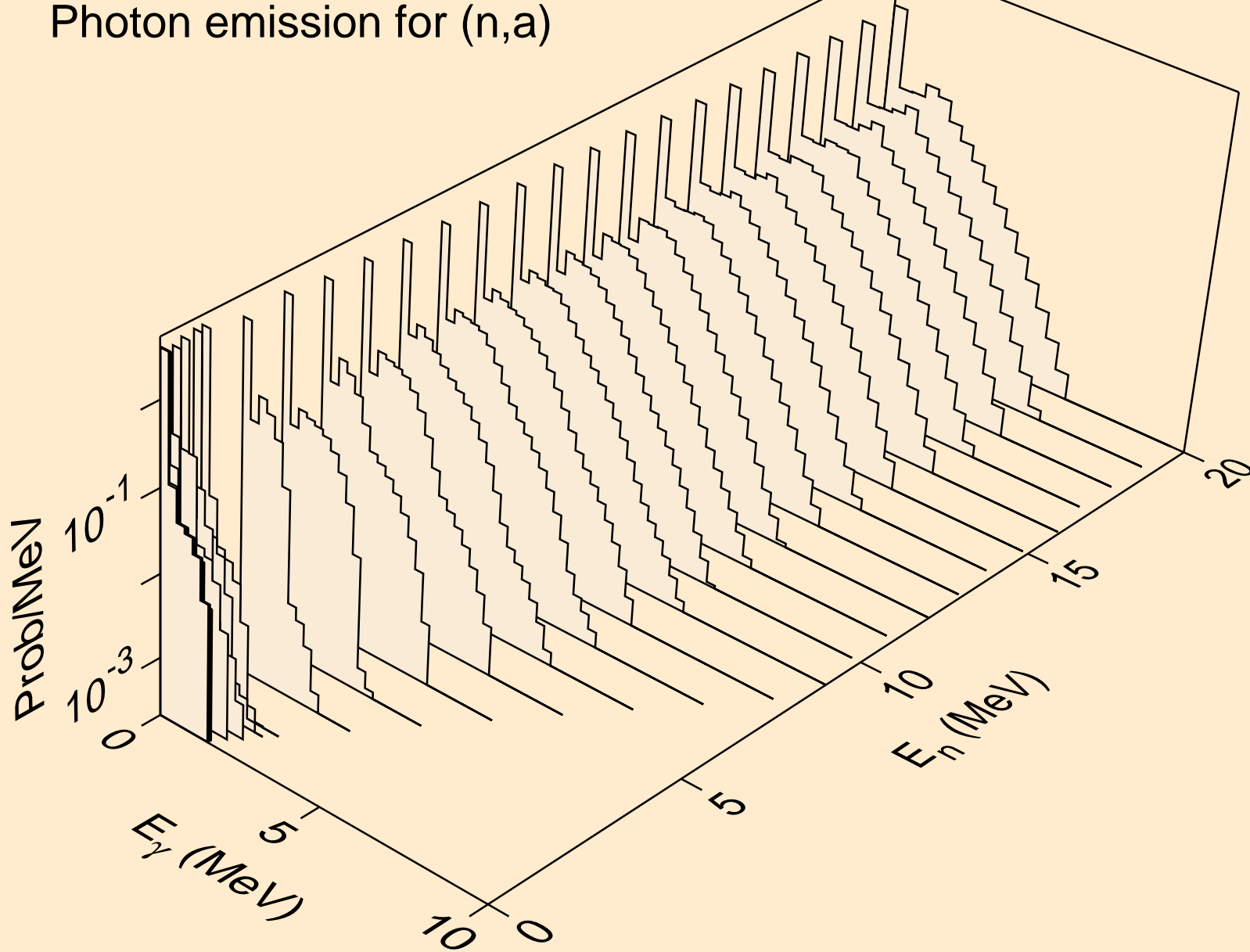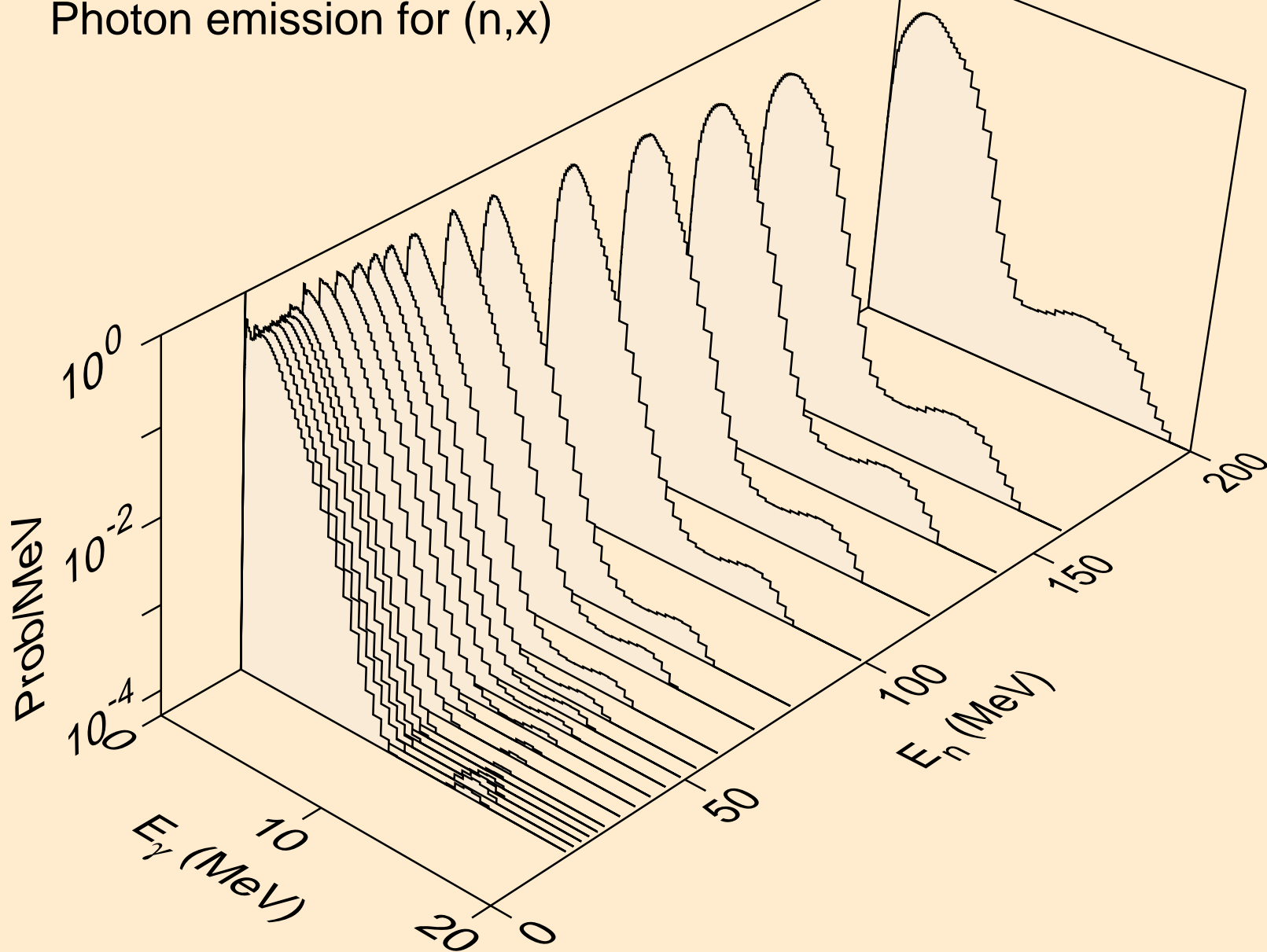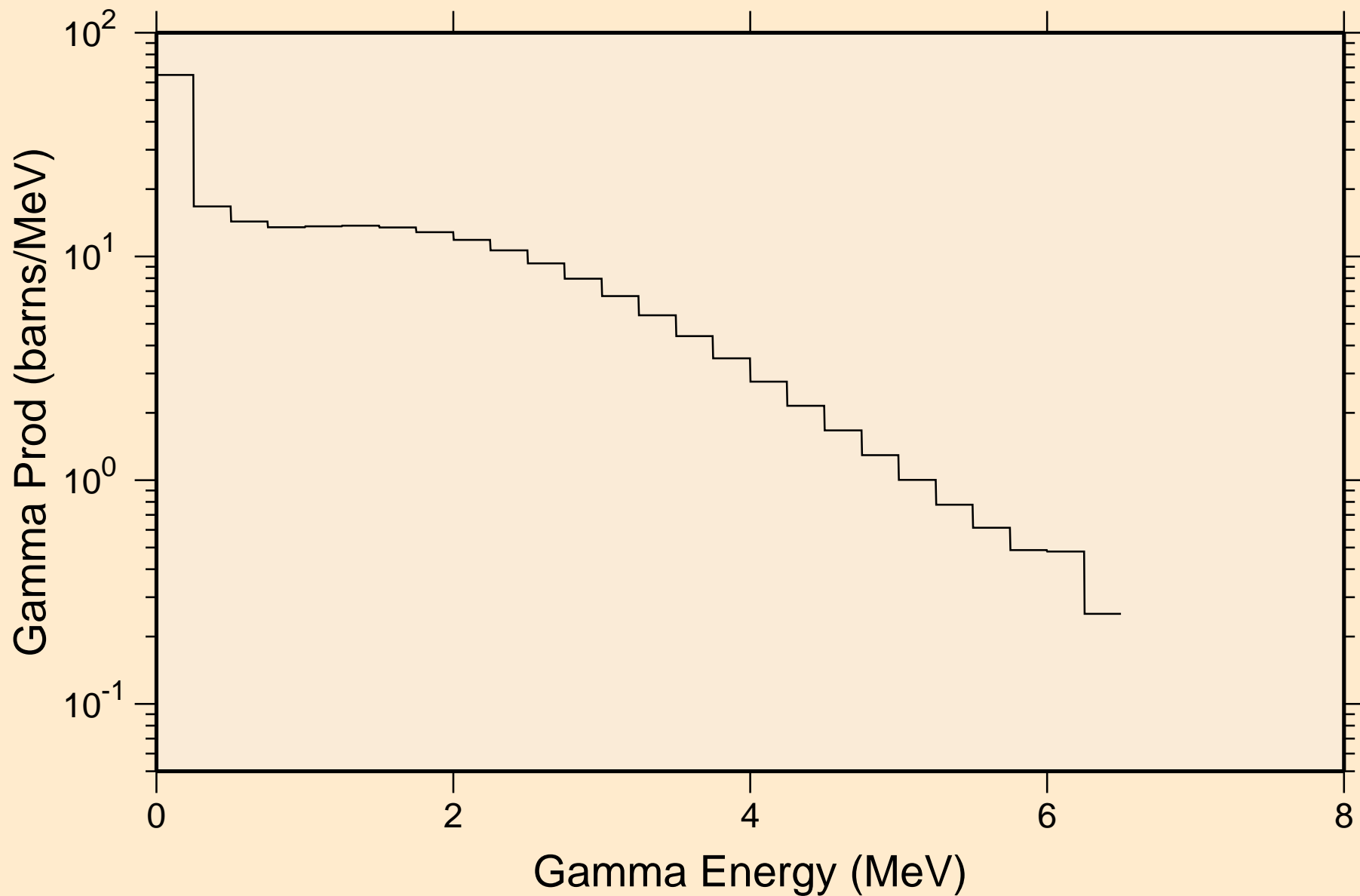
68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
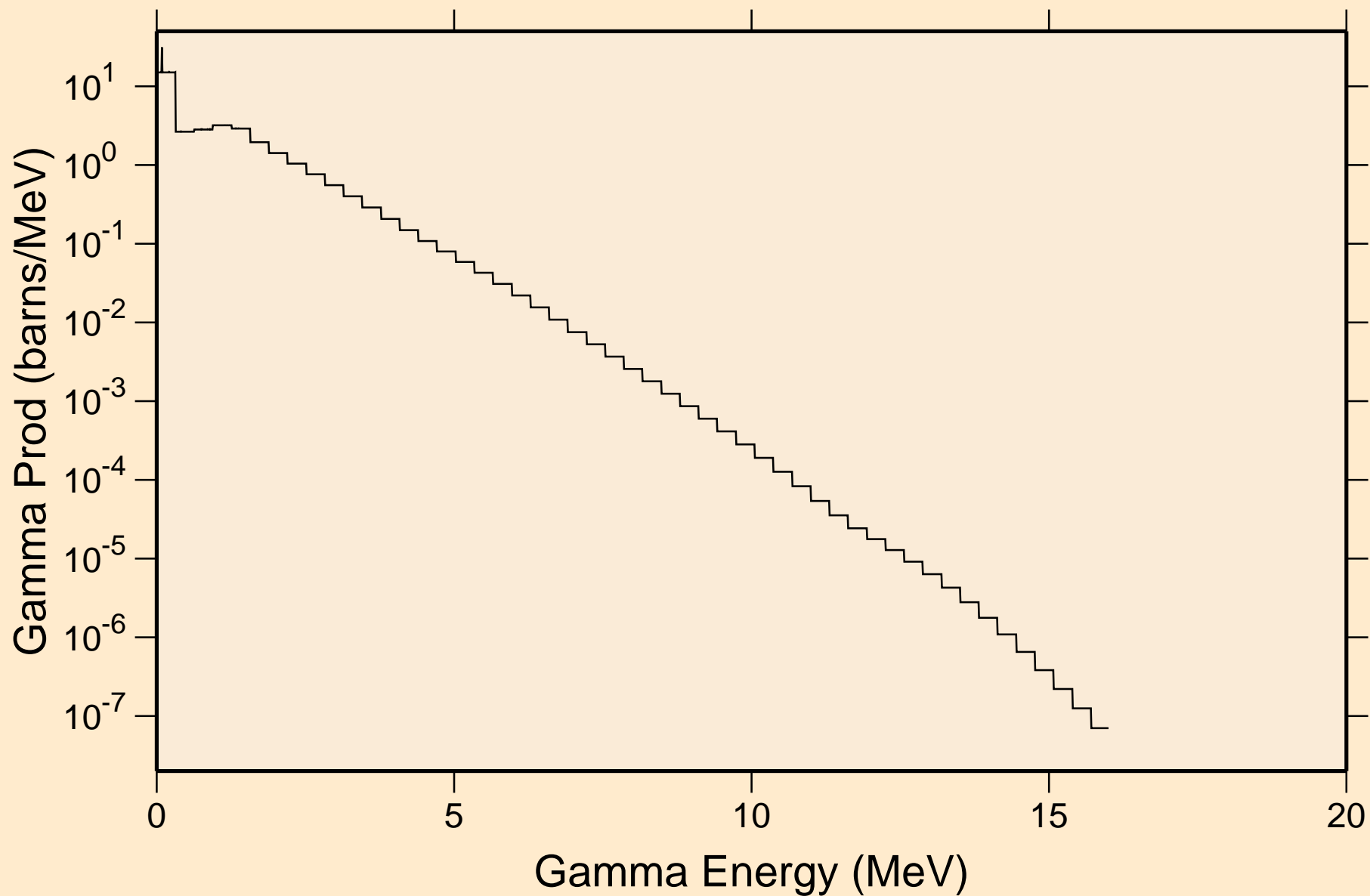Photon emission for (n,a)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Photon emission for (n,x)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
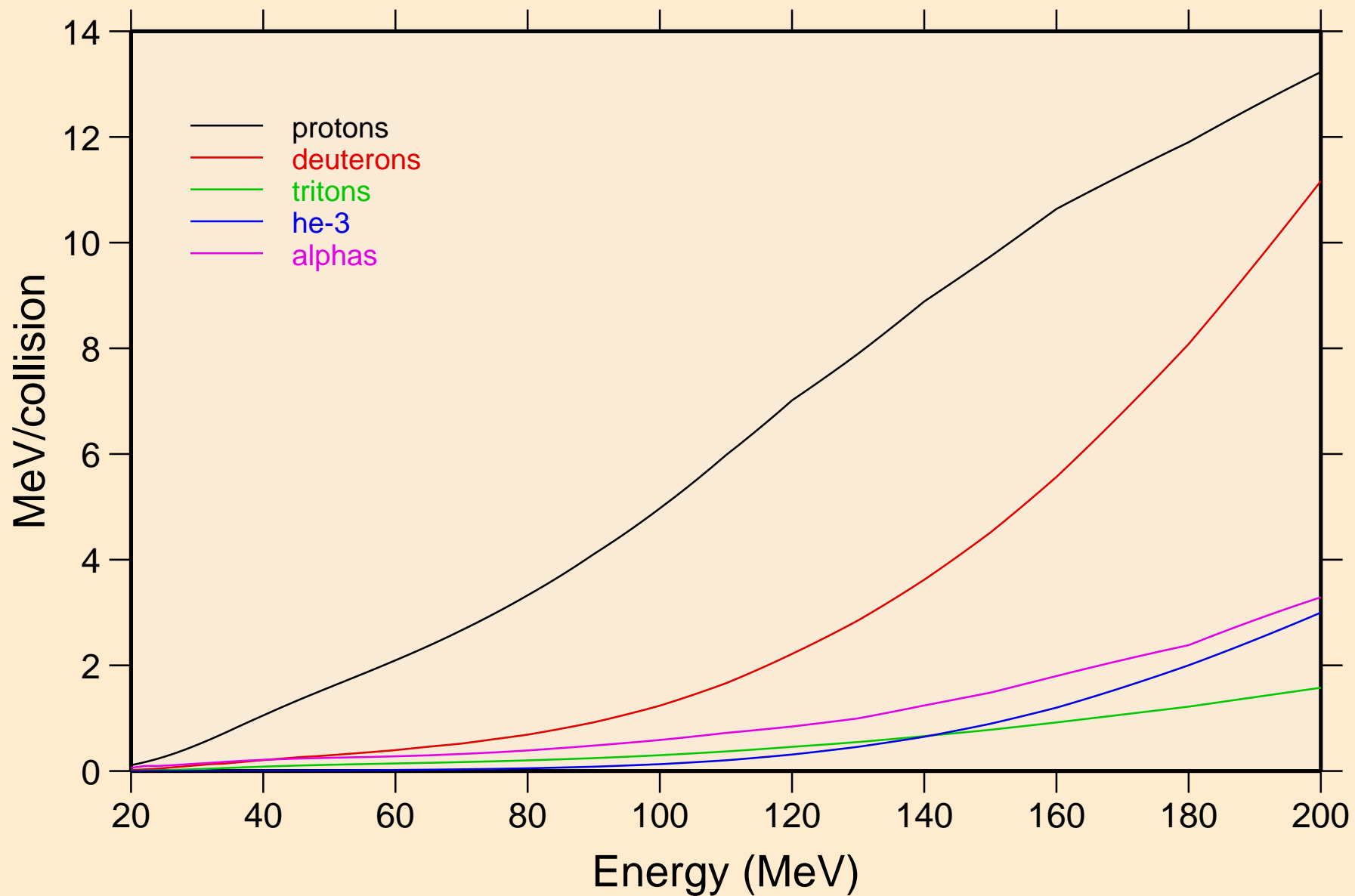thermal capture photon spectrum

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
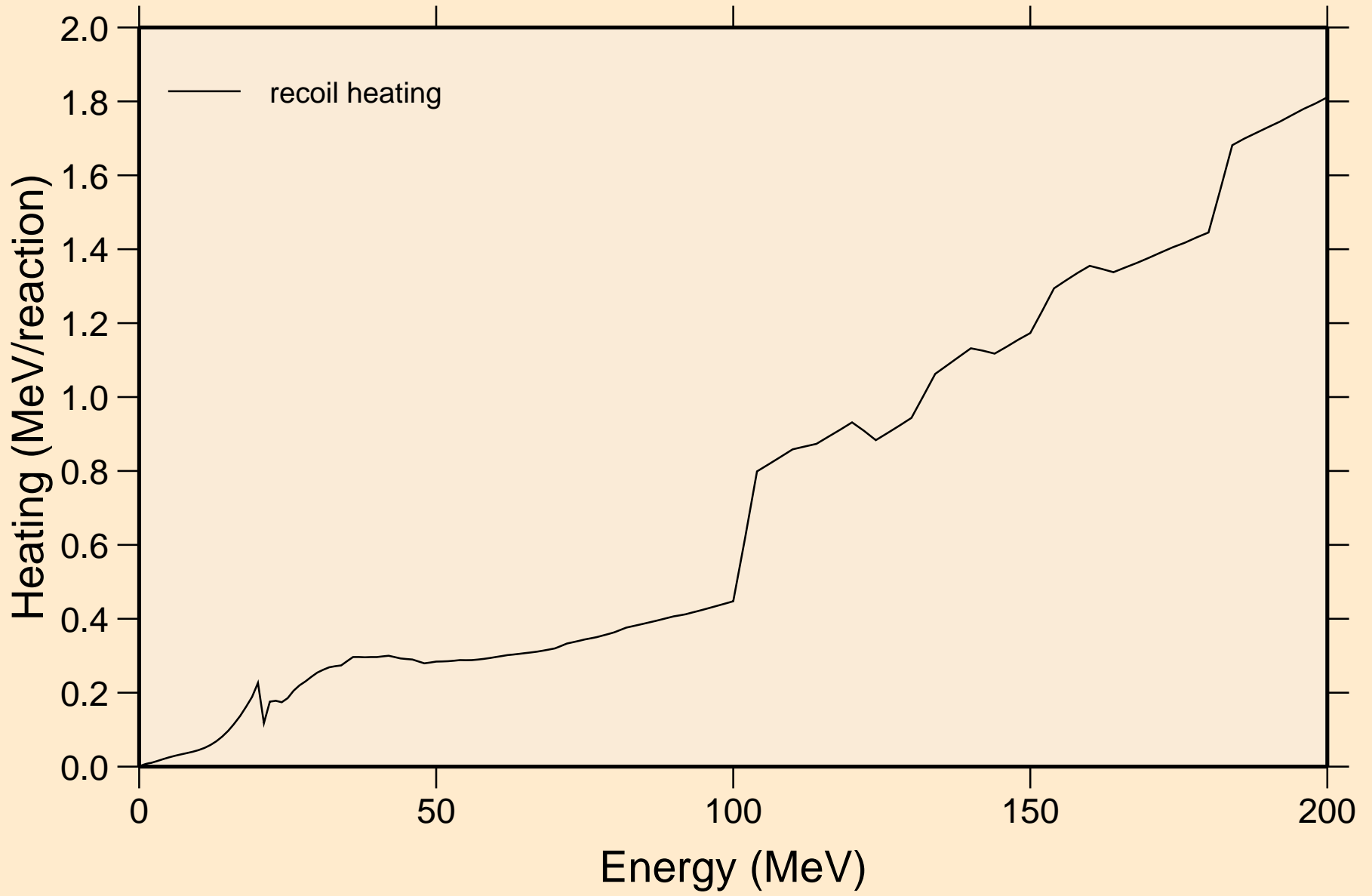14 MeV photon spectrum

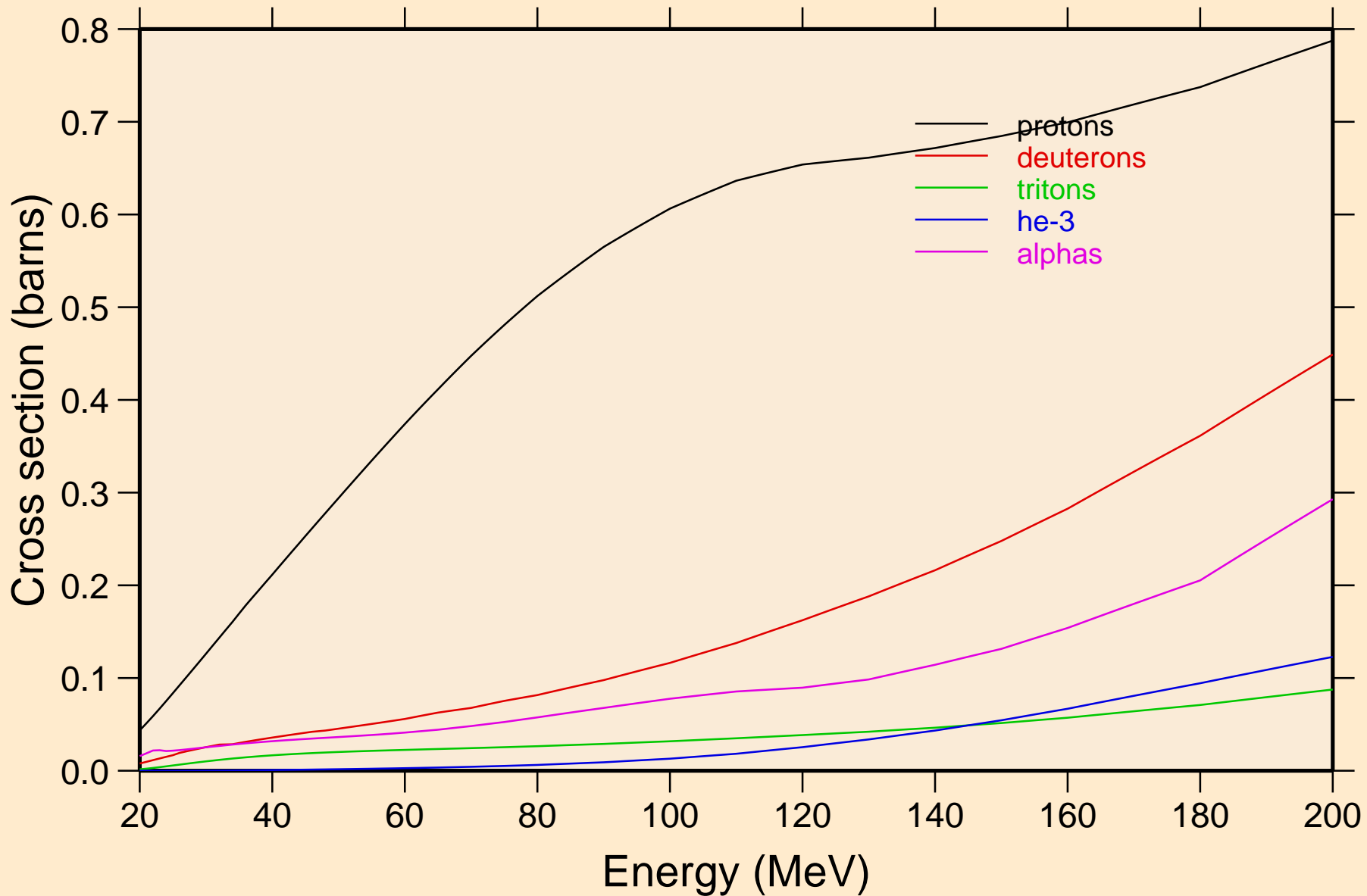68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
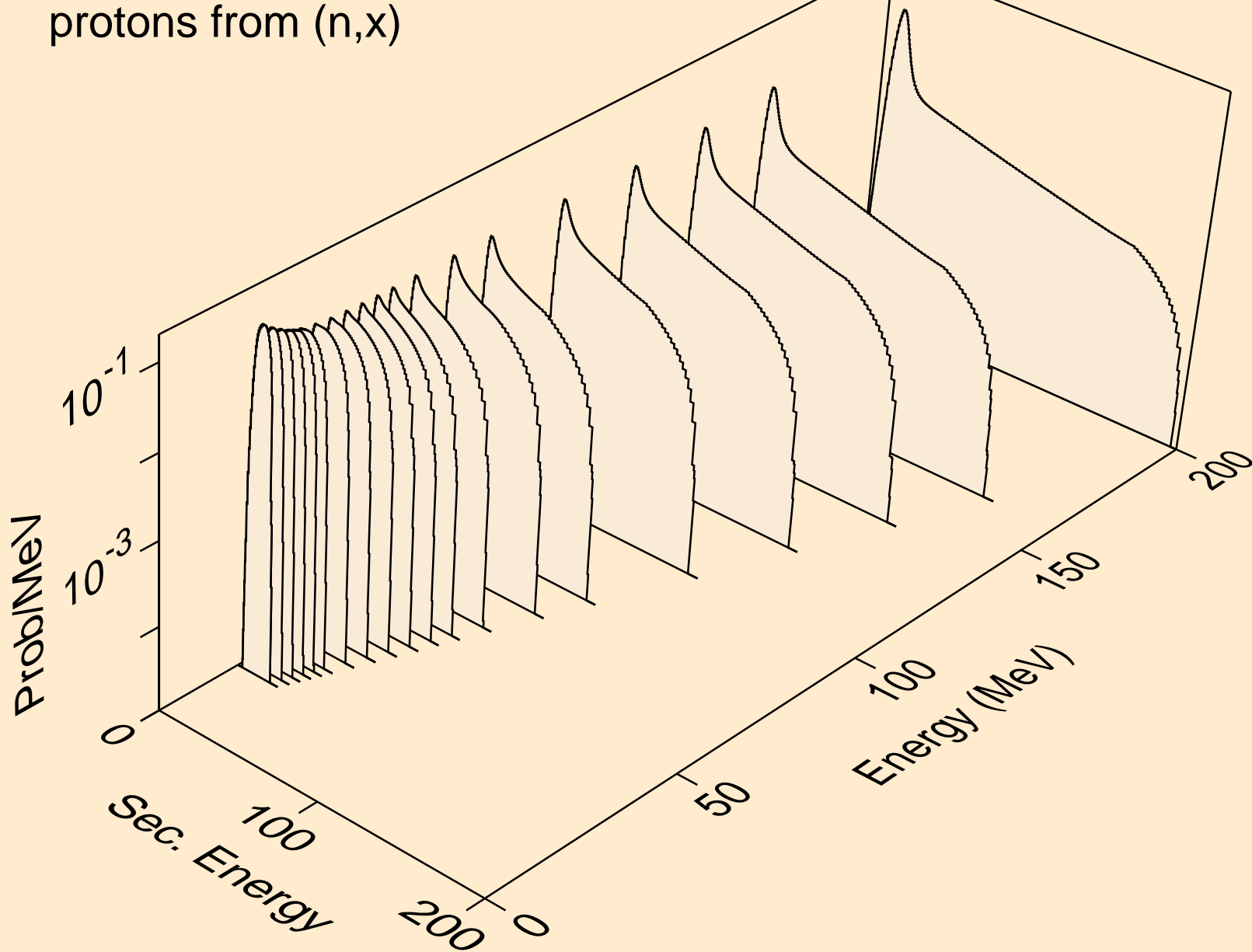Particle heating contributions

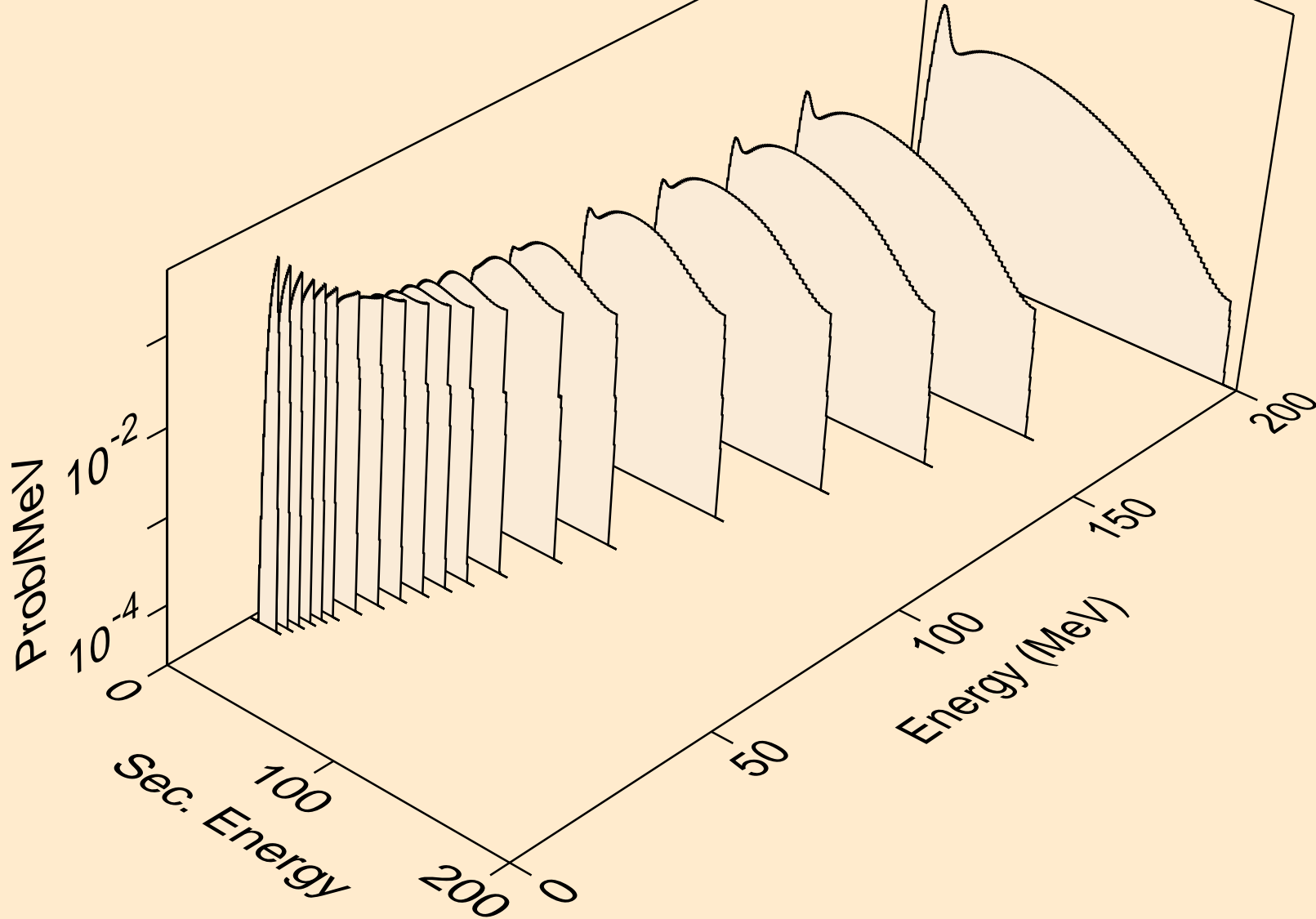68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Recoil Heating

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
Particle production cross sections
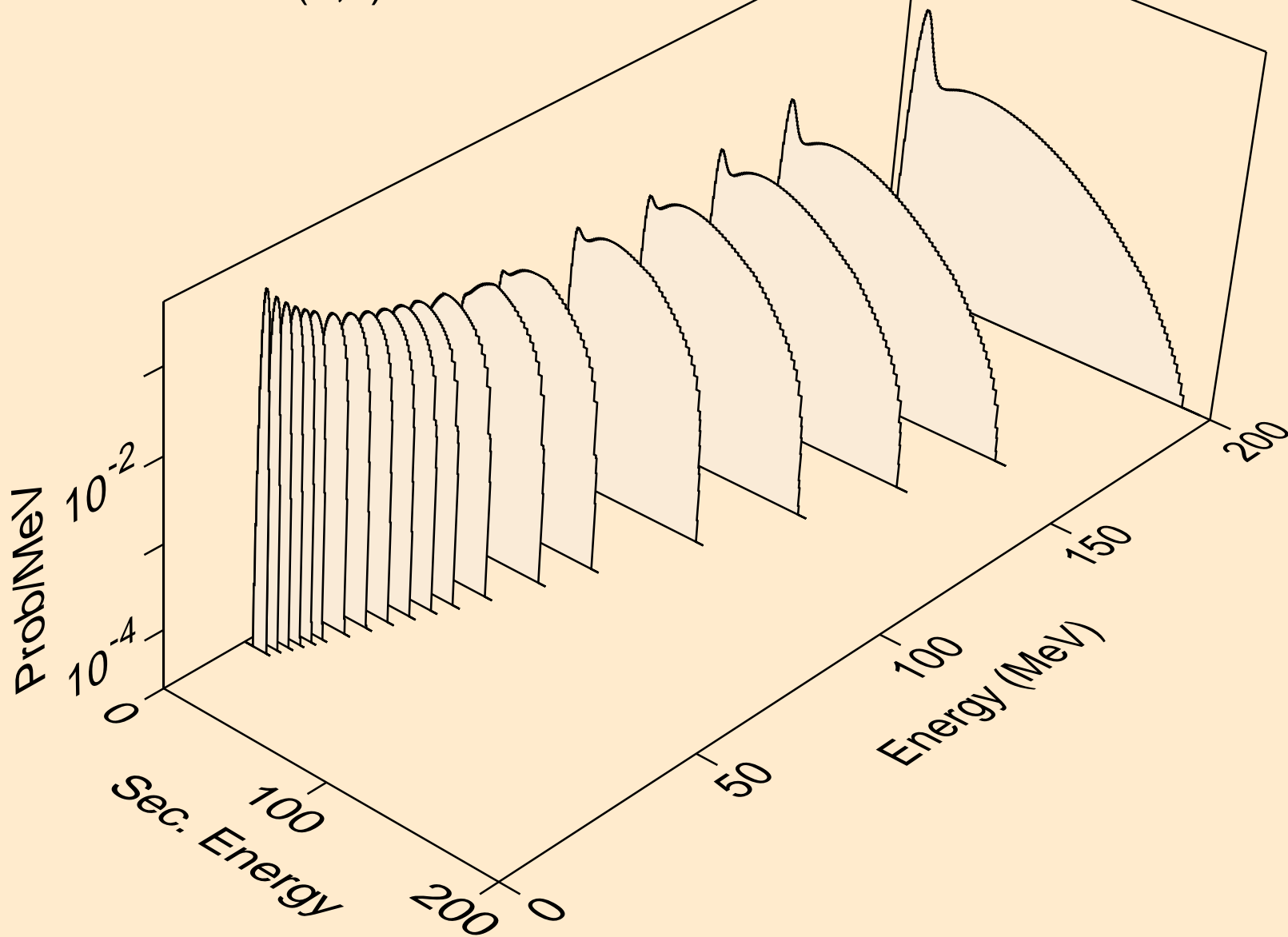
- protons
- deuterons
- tritons
- he-3
- alphas

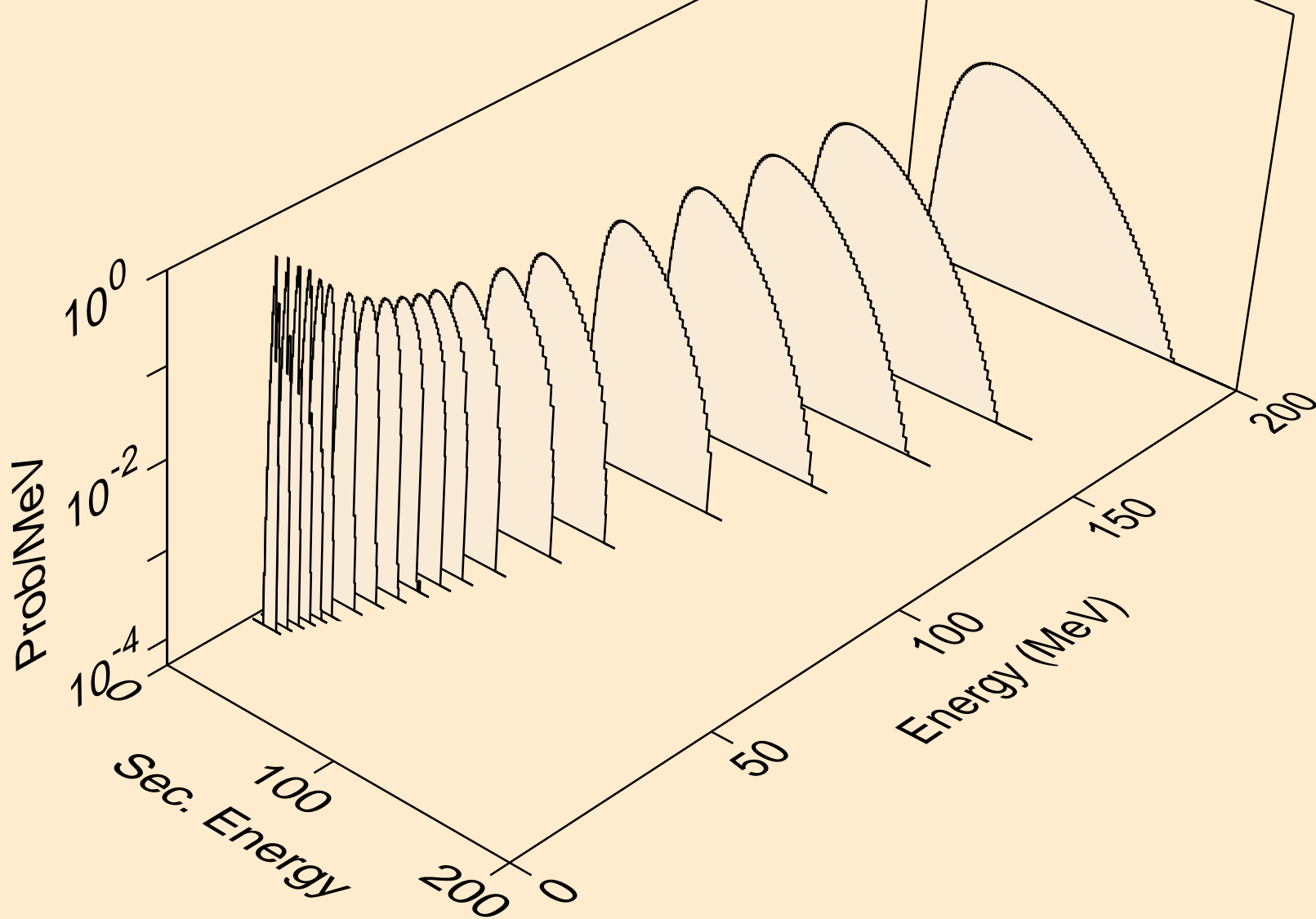68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
protons from (n,x)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
deuterons from (n,x)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
tritons from (n,x)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
he3s from (n,x)

68-ER-164 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50
alphas from (n,x)