

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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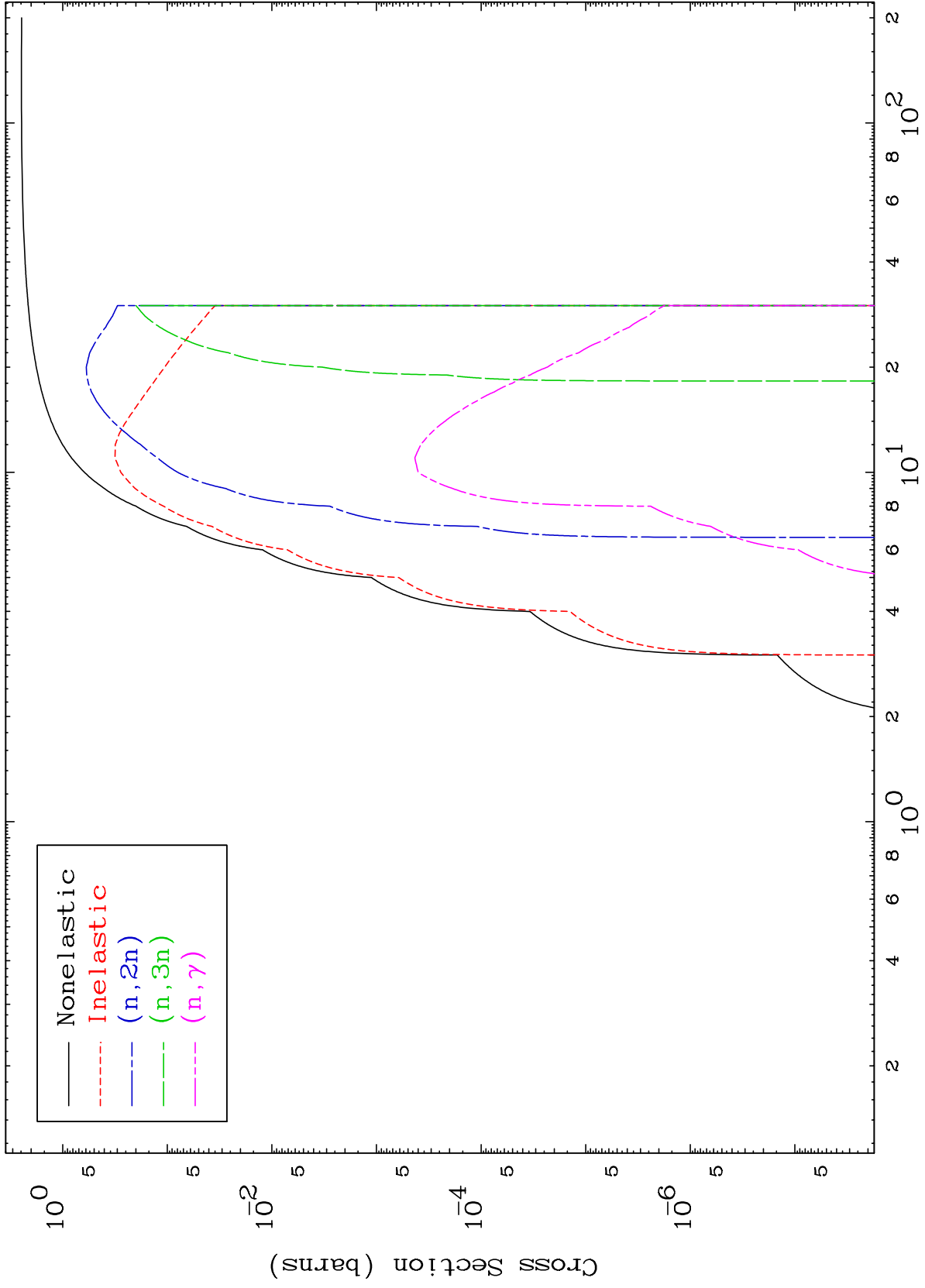
Tele: 925-443-1911

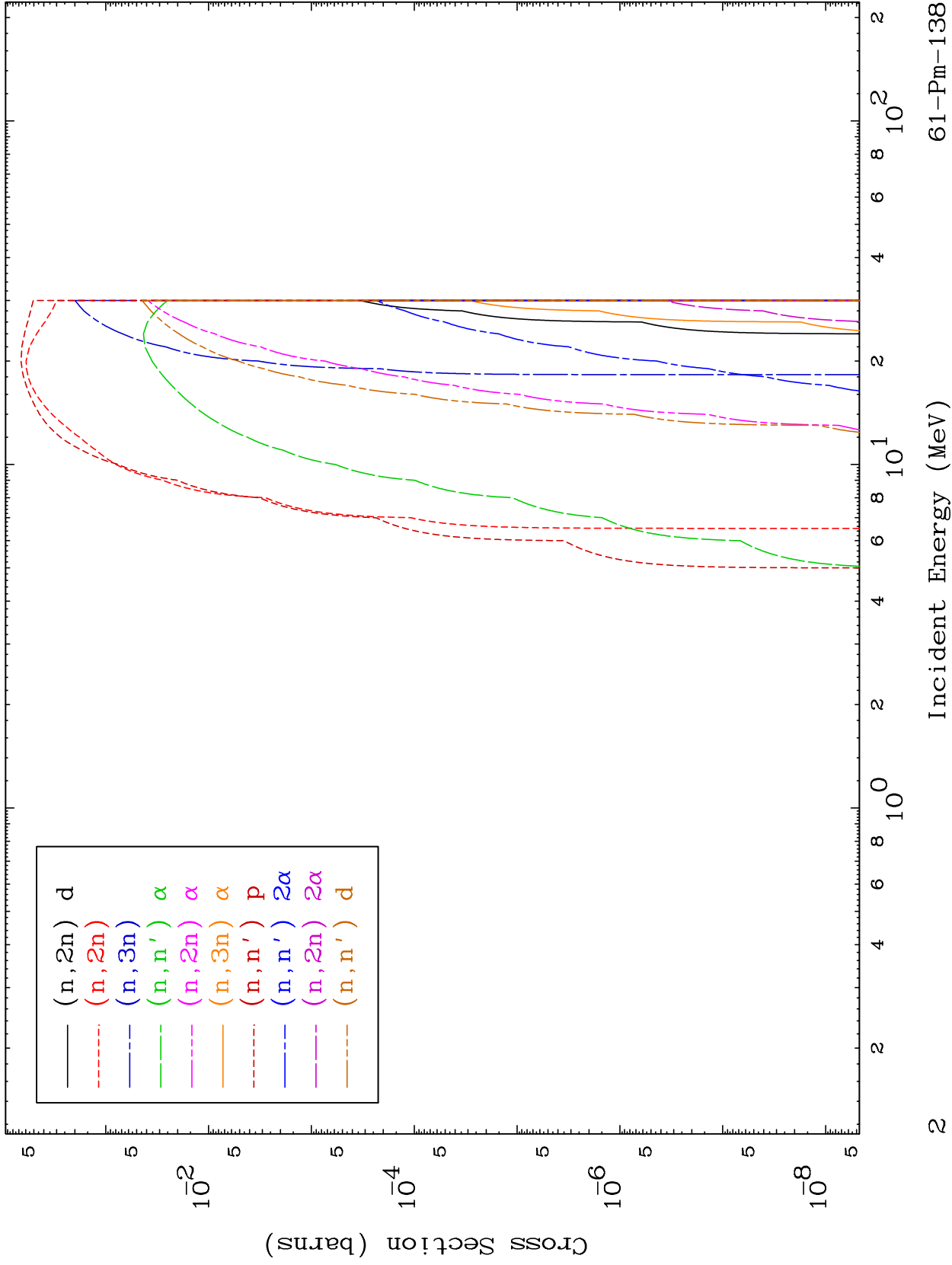
E.Mail:redcullen1@comcast.net

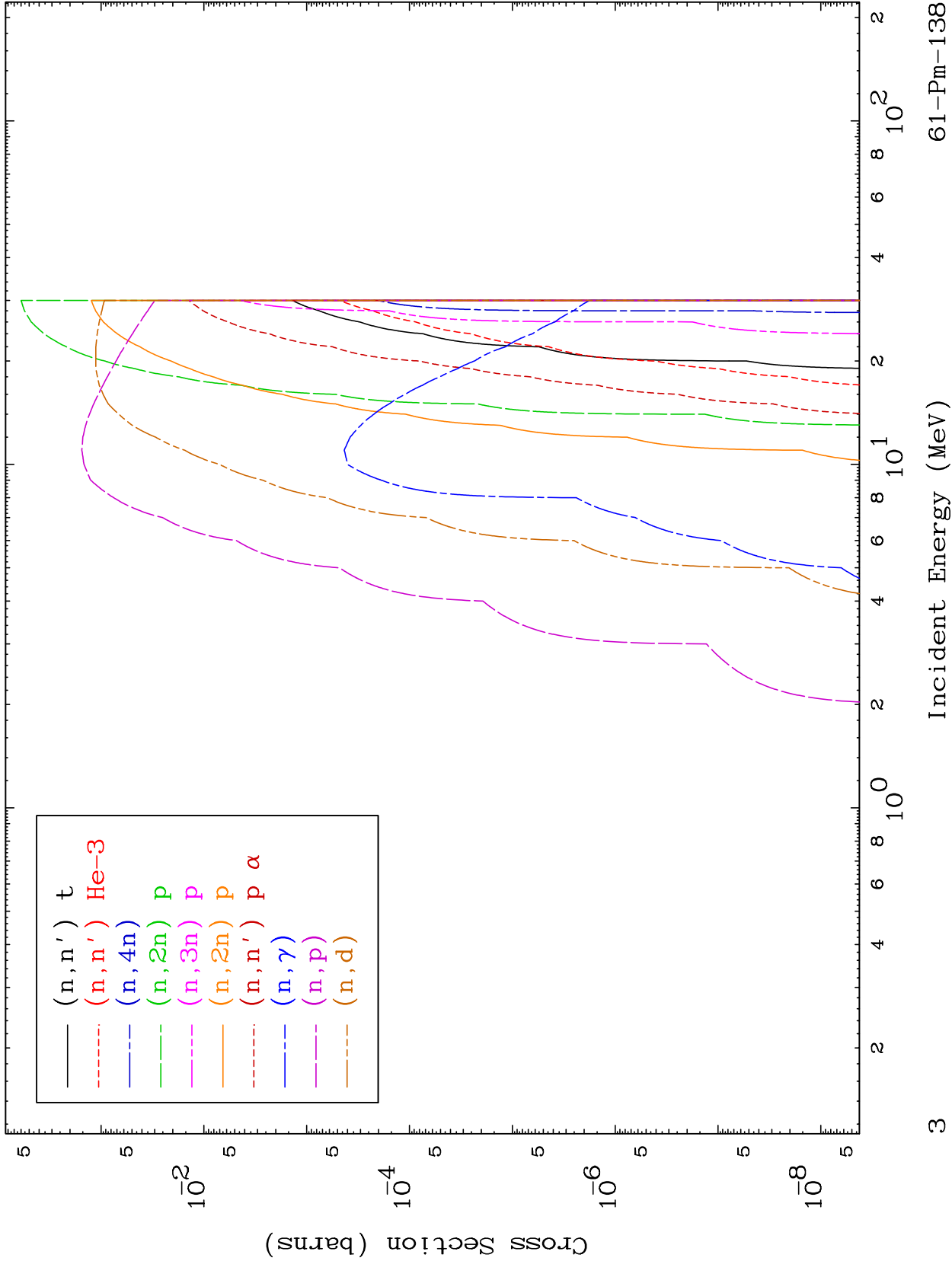
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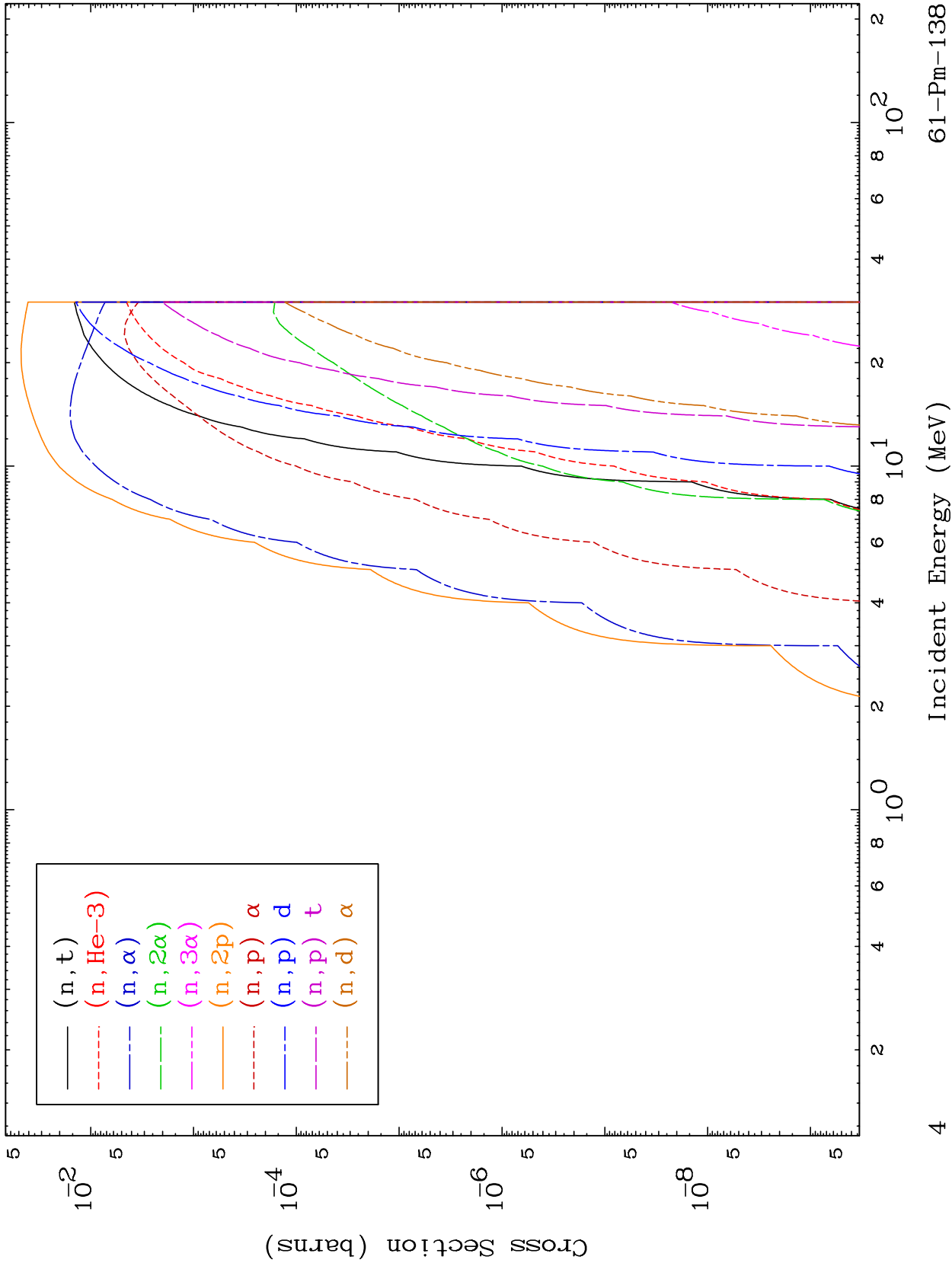
Press Mouse Button to Start

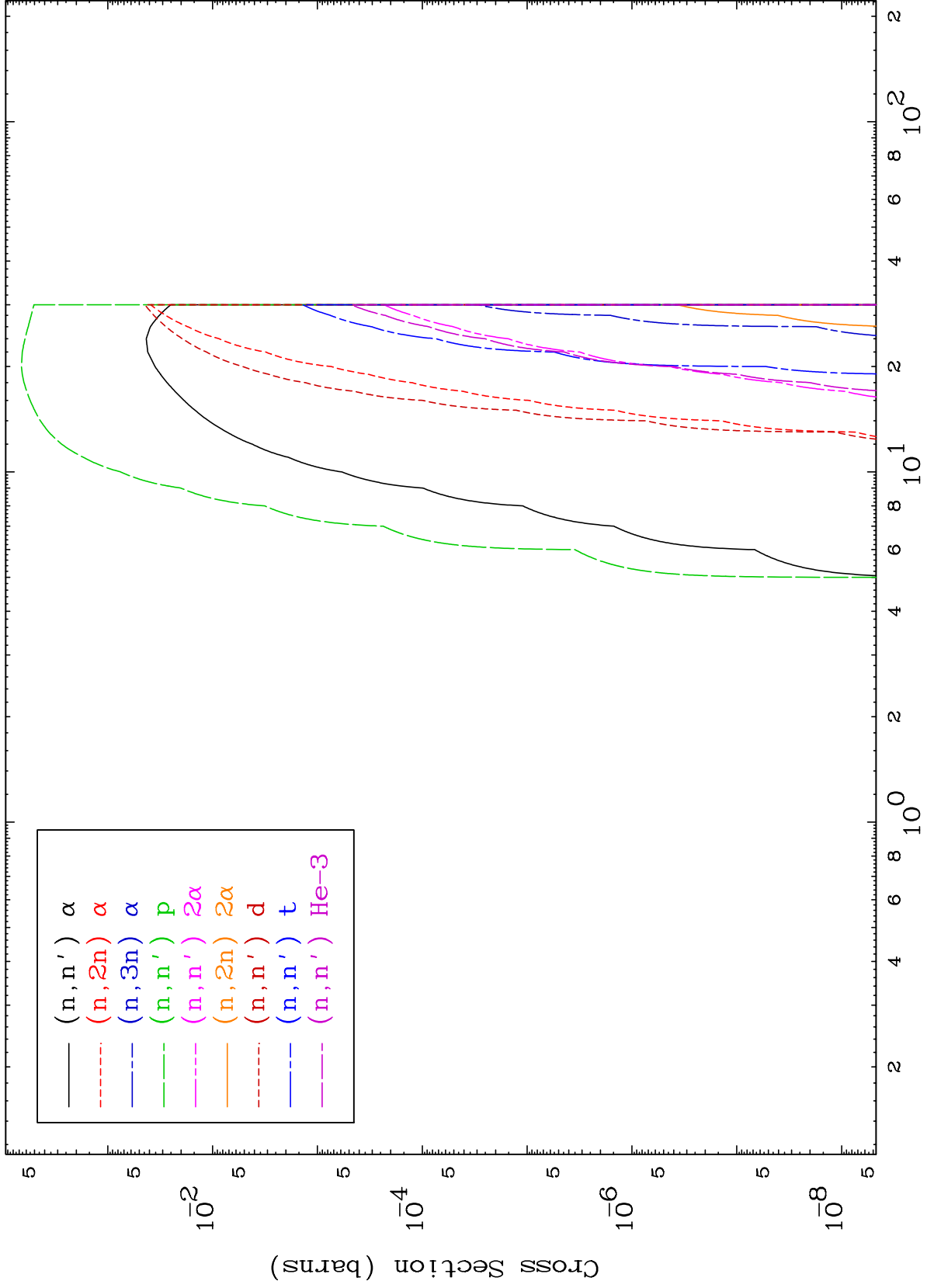
0 Kelvin Cross Sections

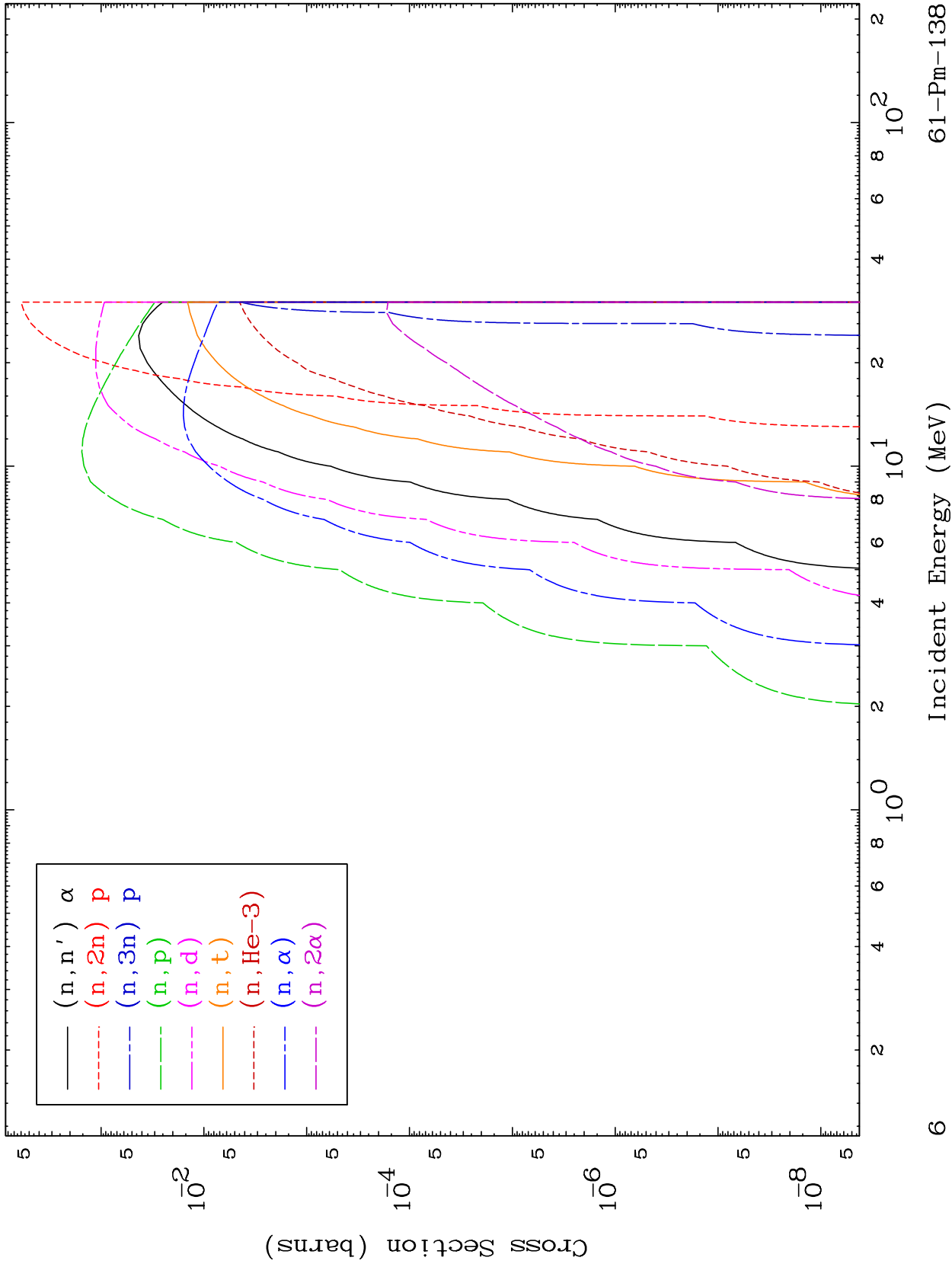


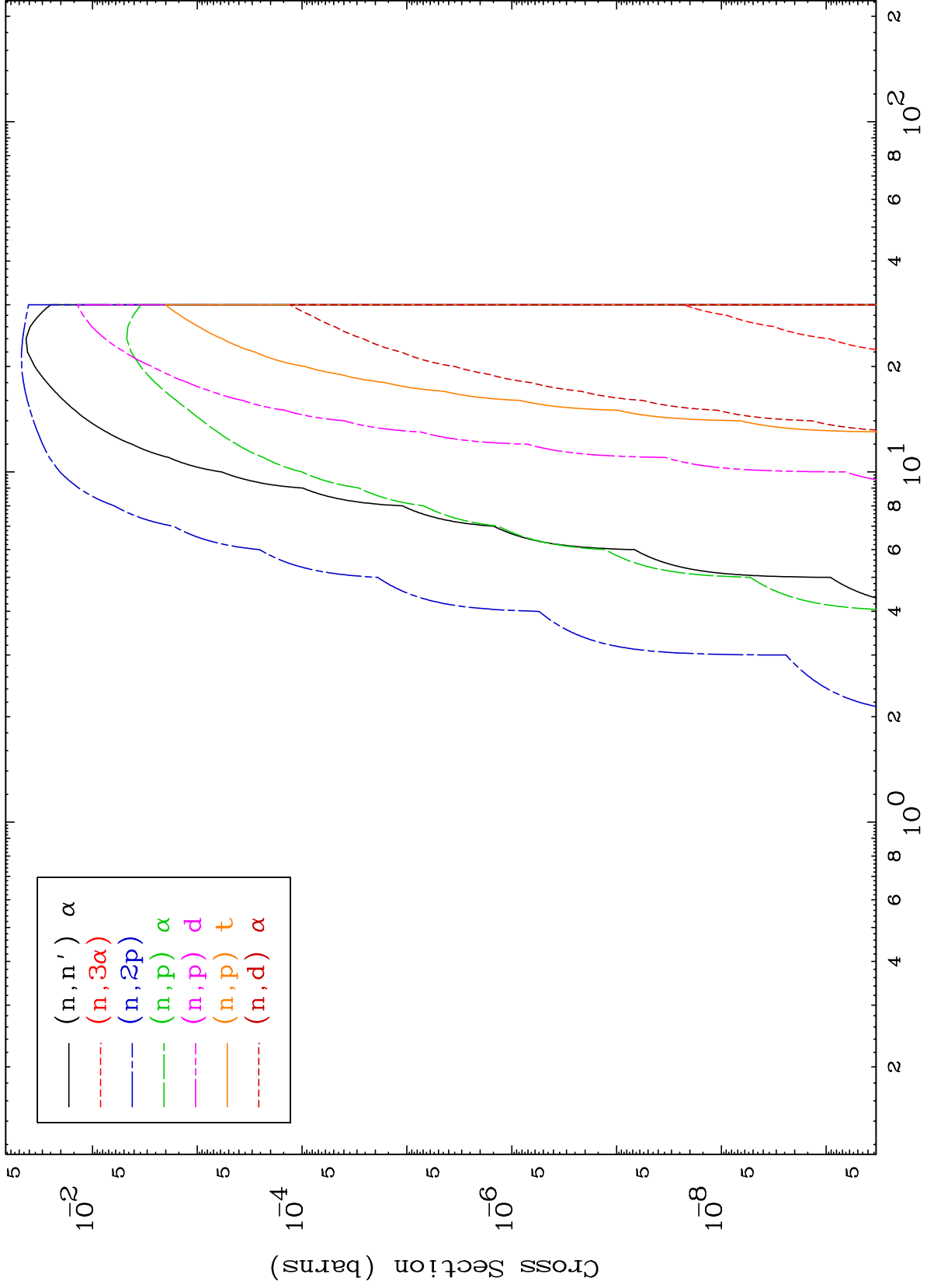










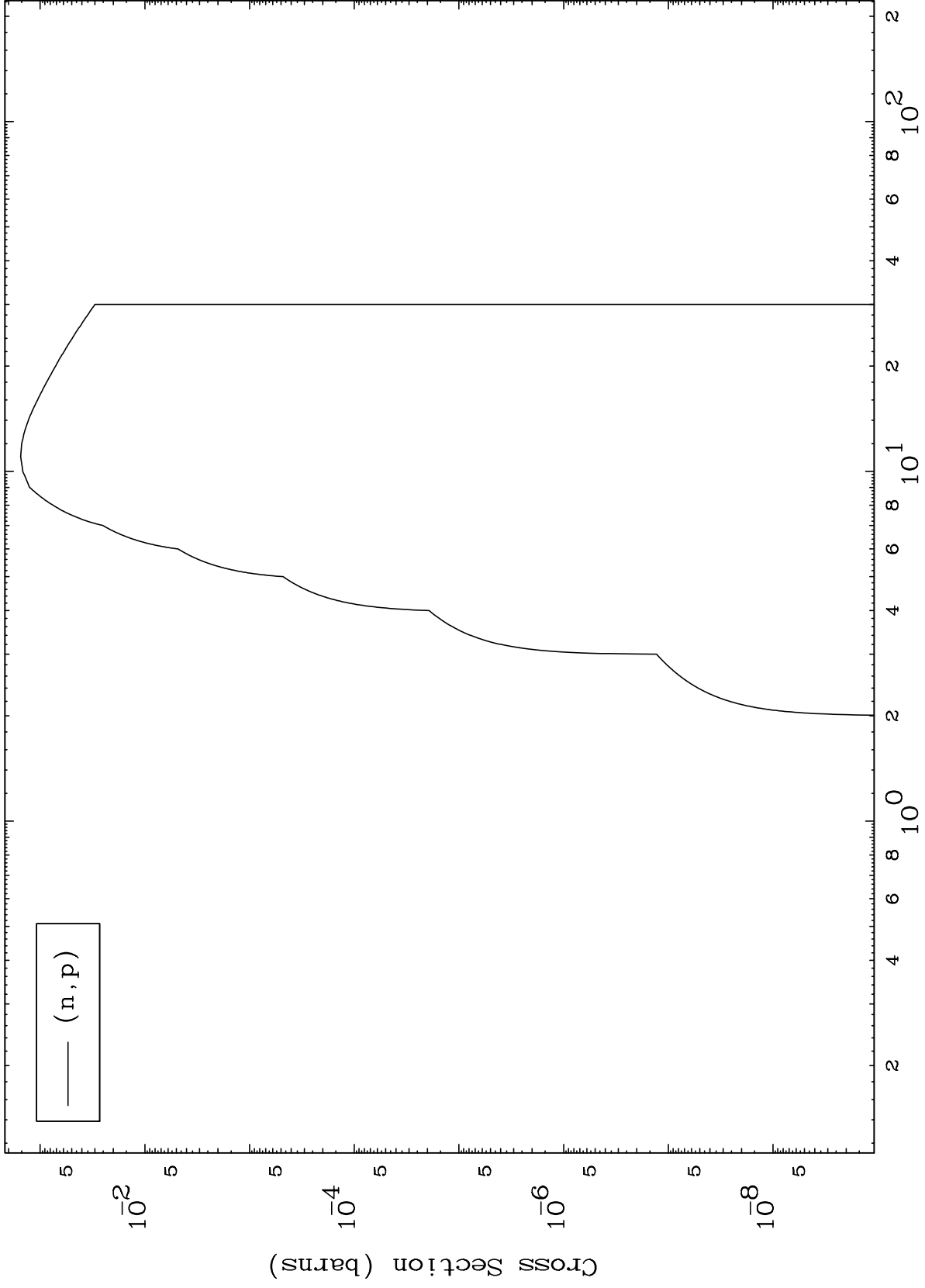




MAT 6122

(d,p) Levels  
0 Kelvin Cross Sections

61-Pm-138

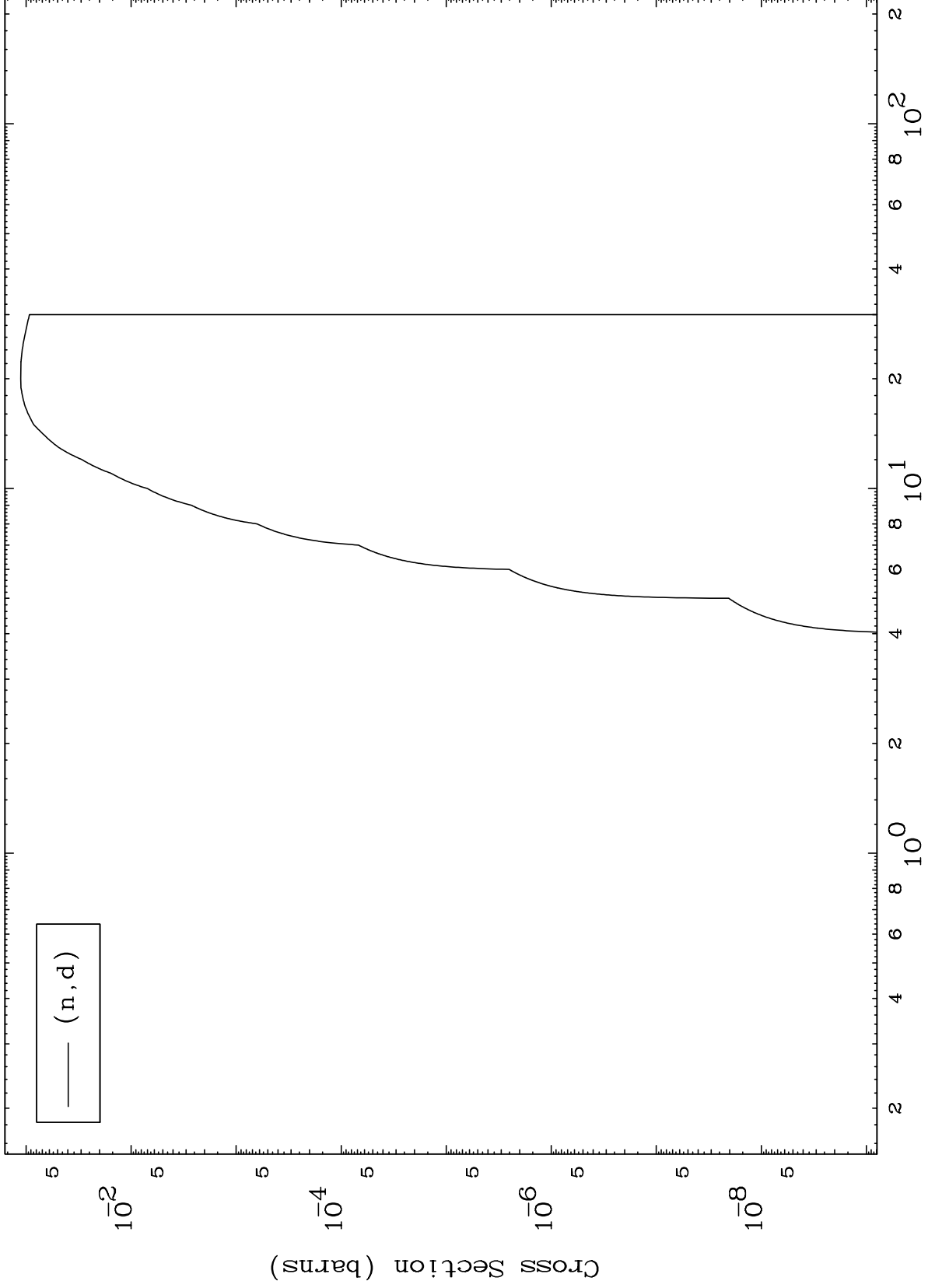


MAT 6122

(d,d) Levels

61-Pm-138

0 Kelvin Cross Sections



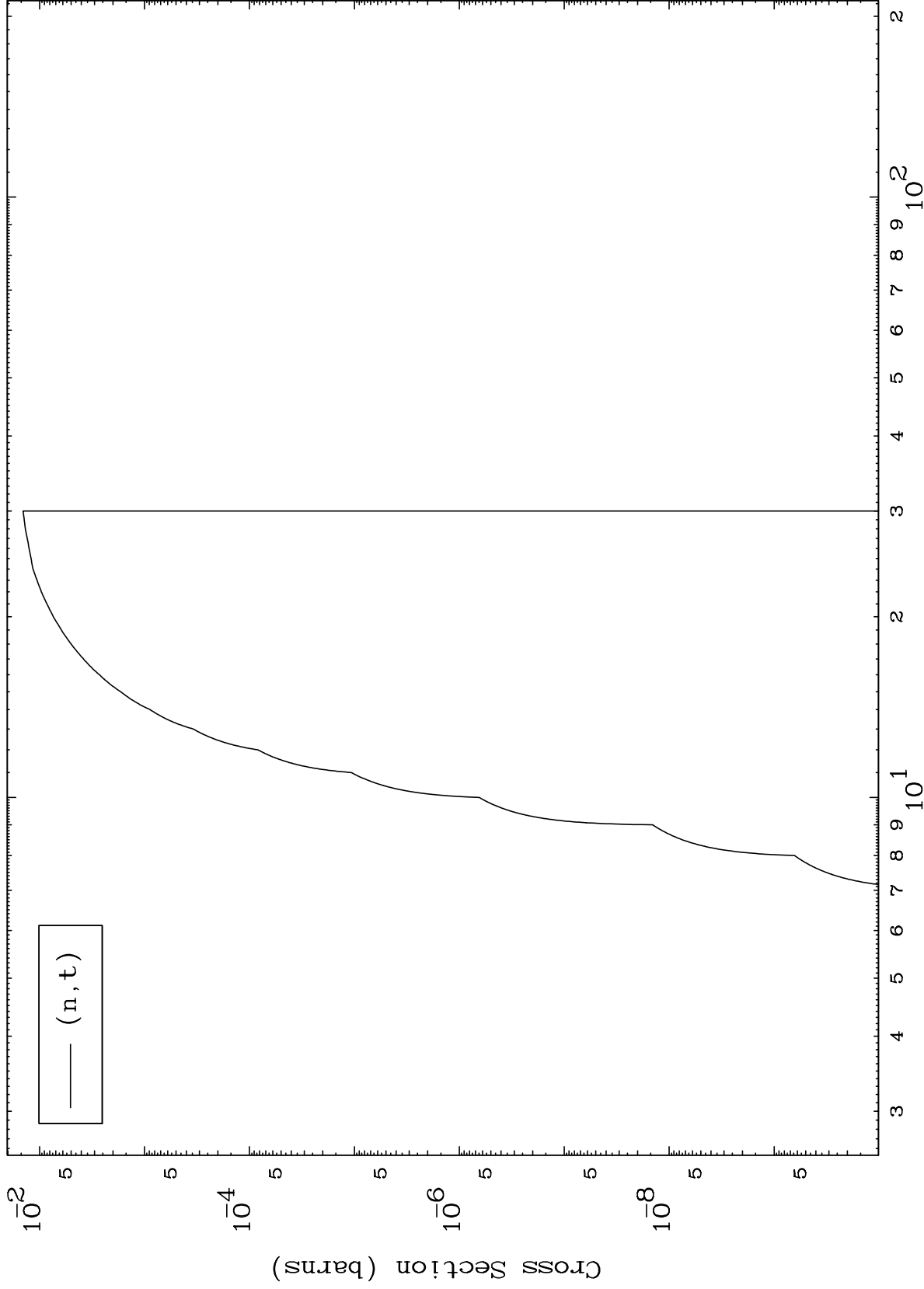
(n,d)

MAT 6122

(d,t) Levels

61-Pm-138

0 Kelvin Cross Sections



10

Incident Energy (MeV)

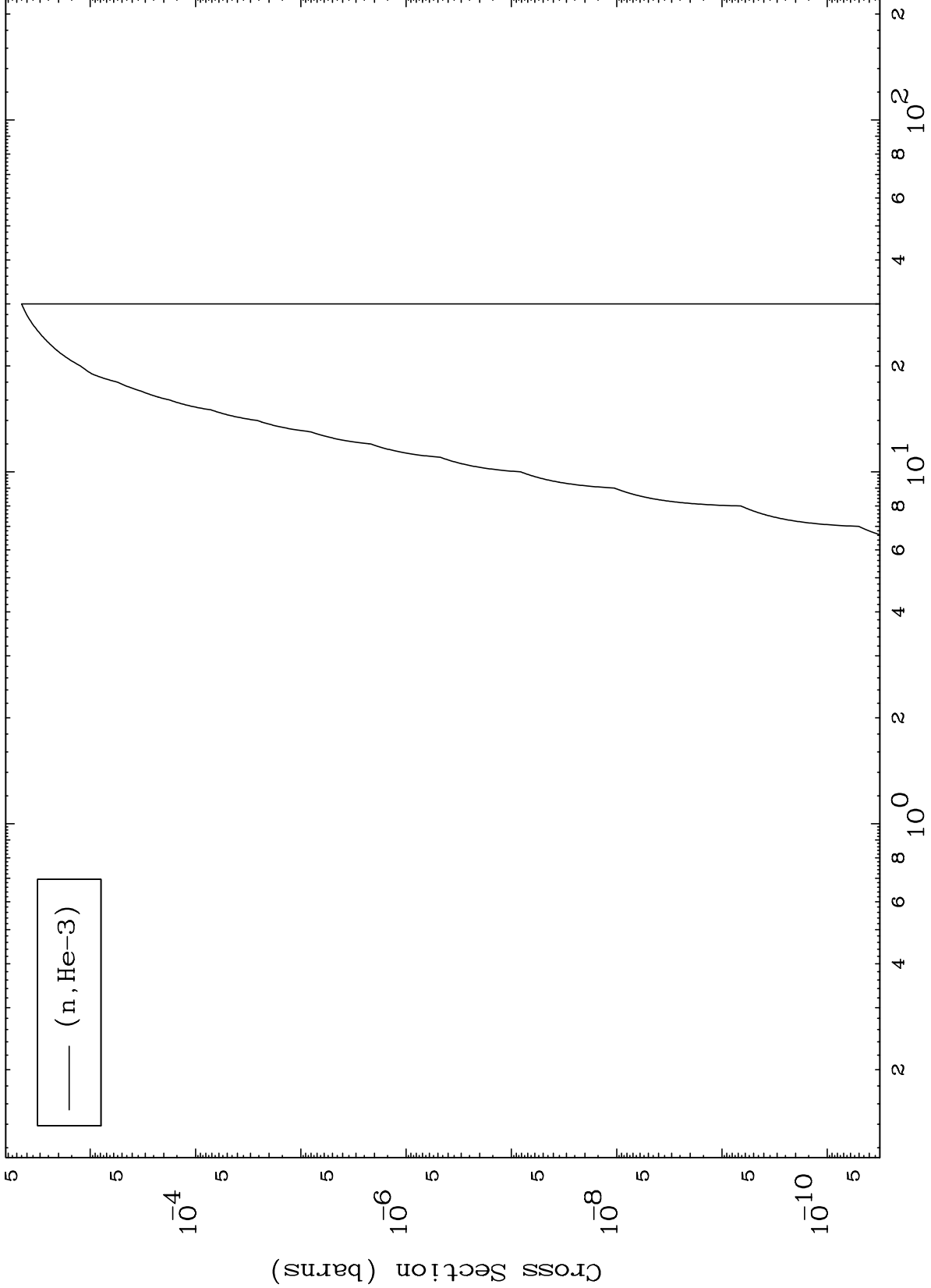
61-Pm-138

MAT 6122

(d,He3) Levels

61-Pm-138

0 Kelvin Cross Sections

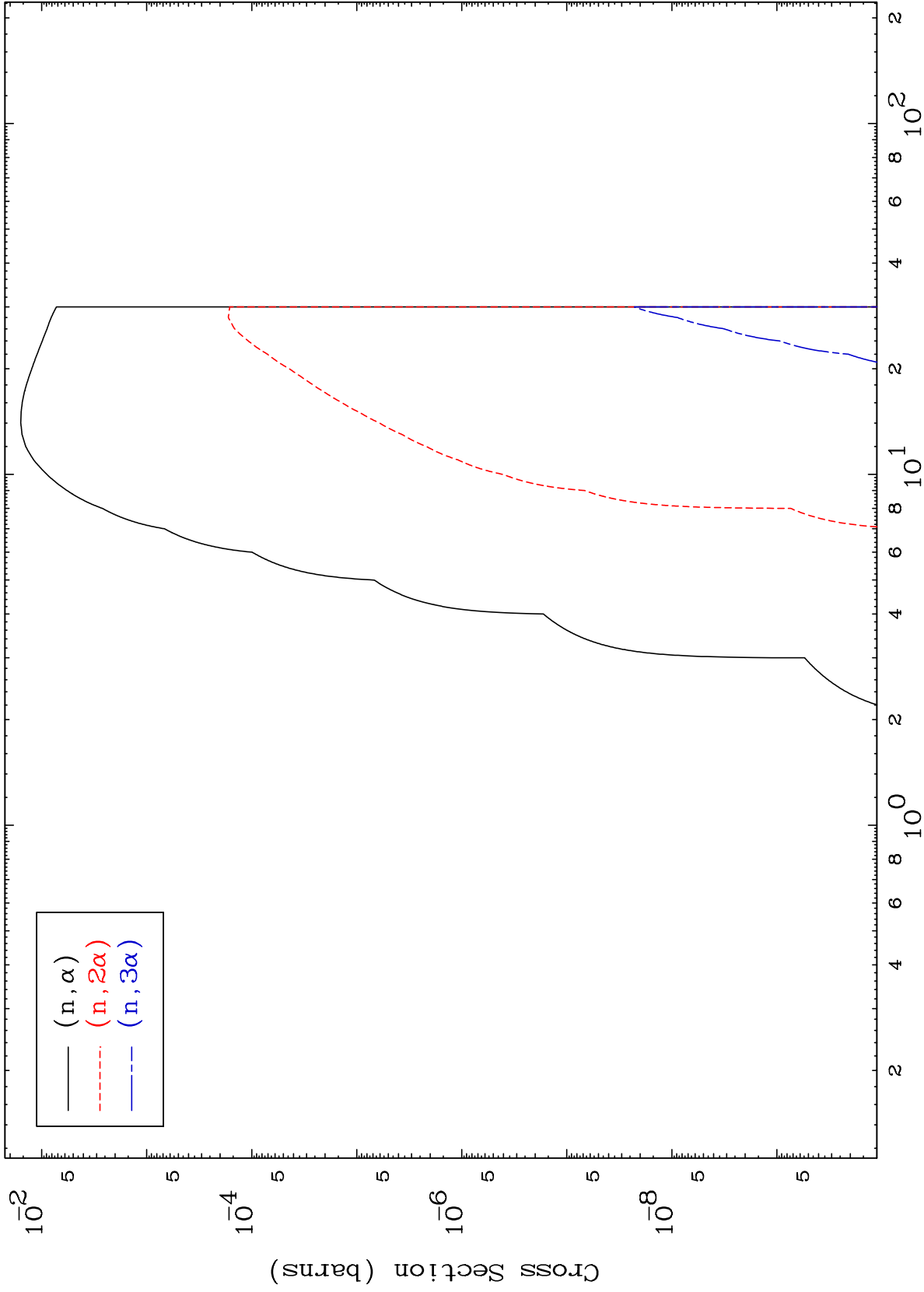


MAT 6122

(d,  $\alpha$ ) Levels

61-Pm-138

0 Kelvin Cross Sections



12

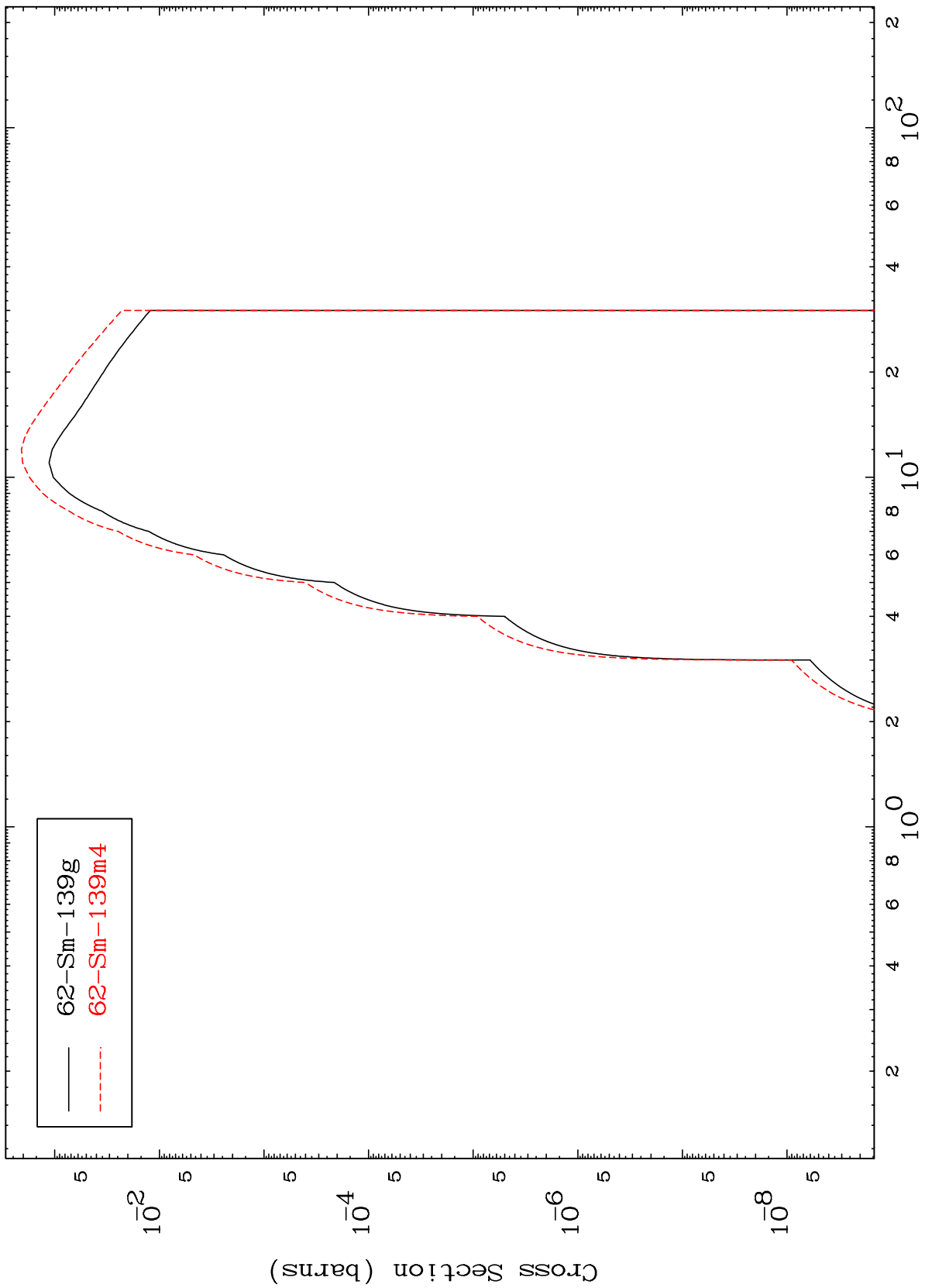
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

Inelastic  
Radionuclide Production Cross Section



61-Pm-138

Incident Energy (MeV)

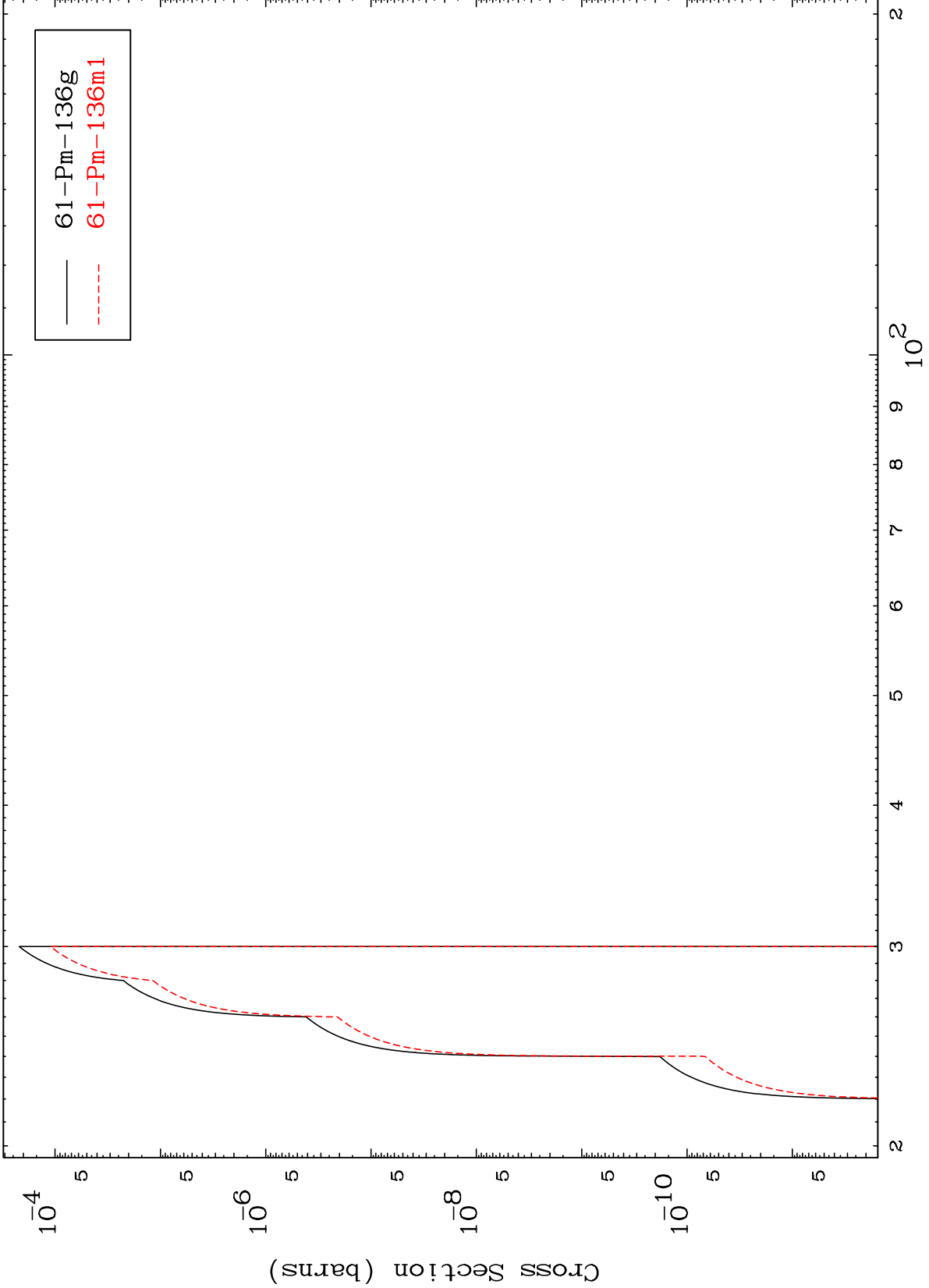
13

MAT 6122

(n,2n) d

61-Pm-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

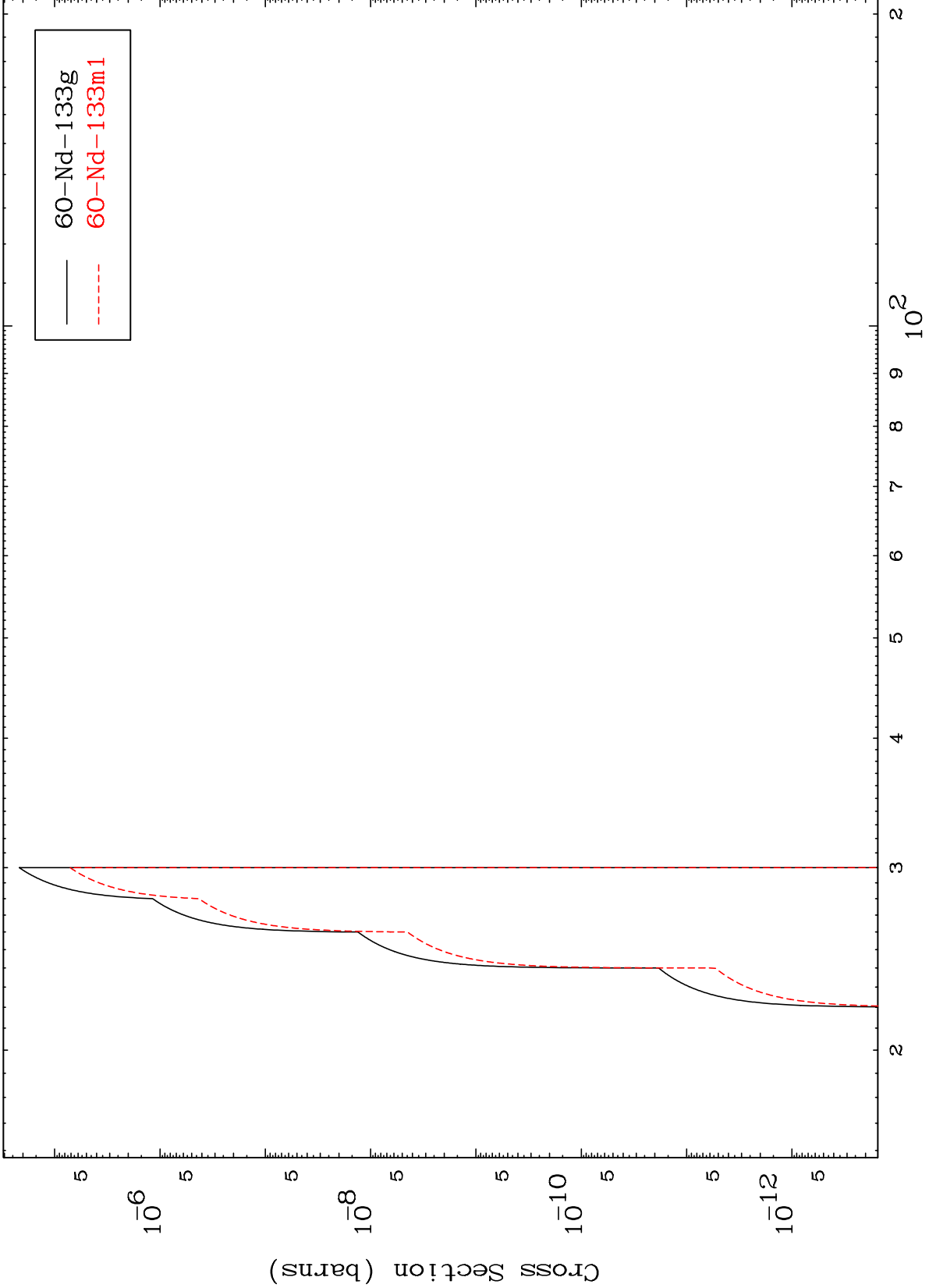
61-Pm-138

MAT 6122

(n,3n)  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



60-Nd-133g  
60-Nd-133m1

15

Incident Energy (MeV)

61-Pm-138

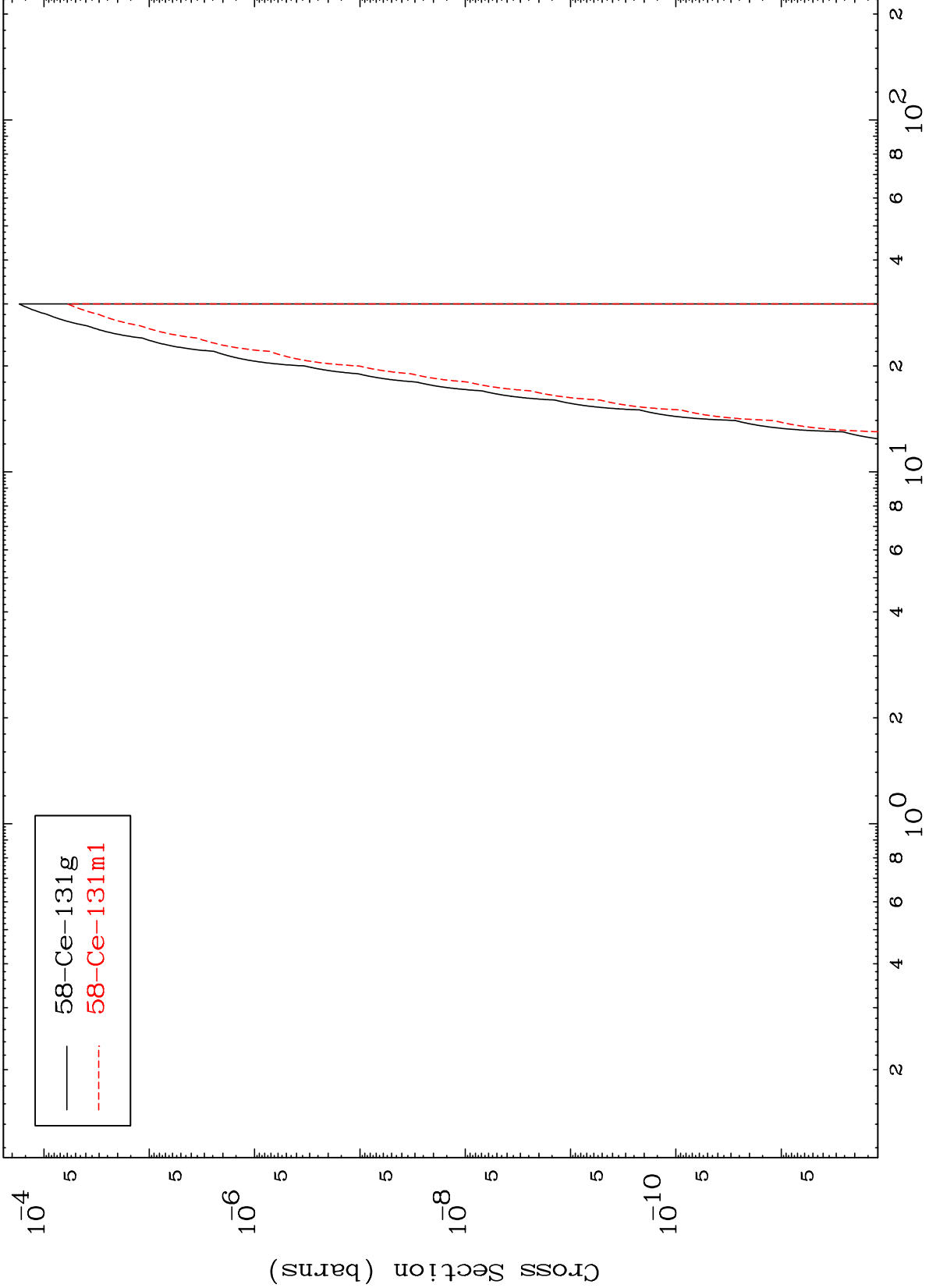


MAT 6122

(n,n') 2α

61-Pm-138

Radionuclide Production Cross Section



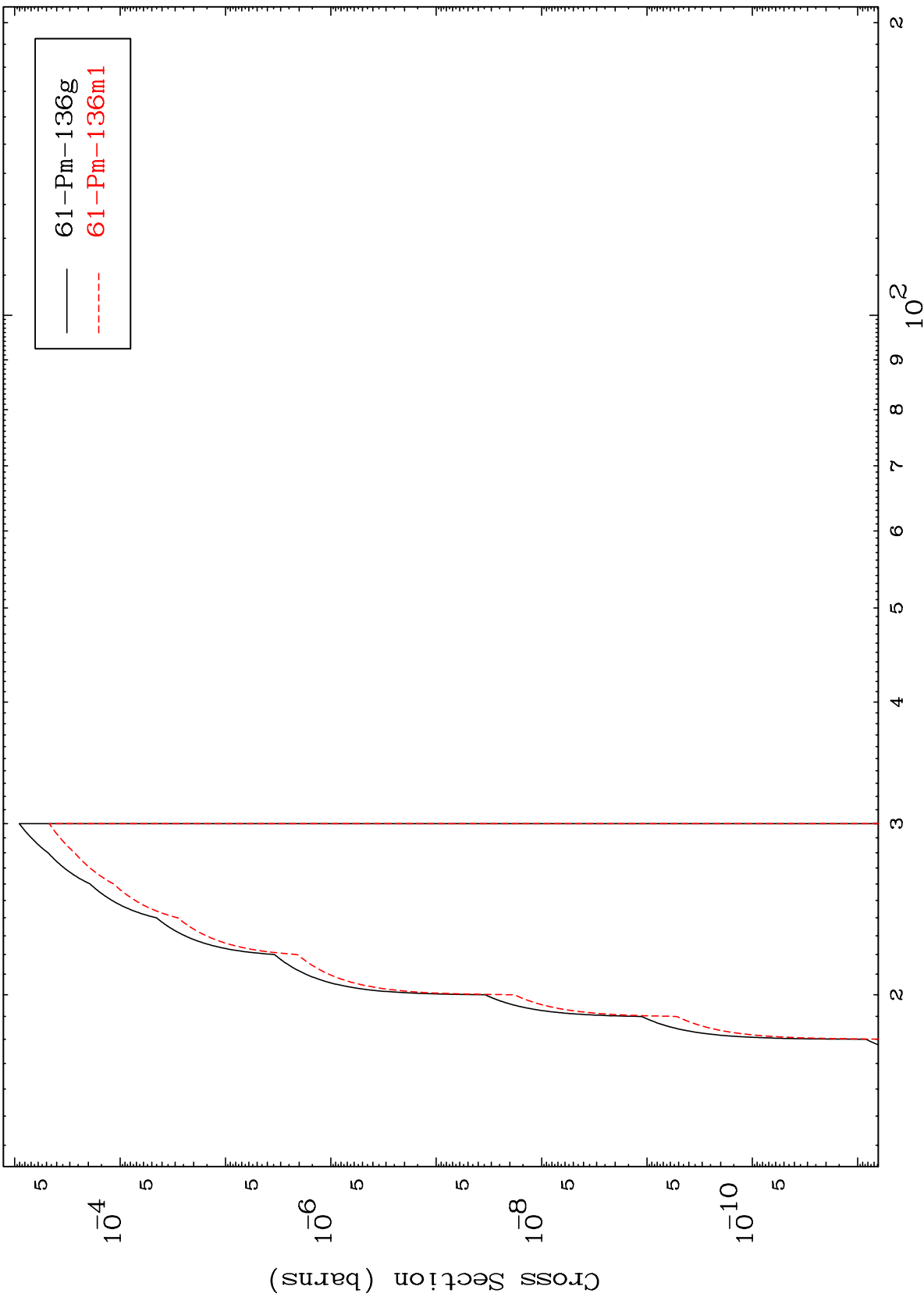
58-Ce-131g  
58-Ce-131m1

MAT 6122

(n,n') t

61-Pm-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

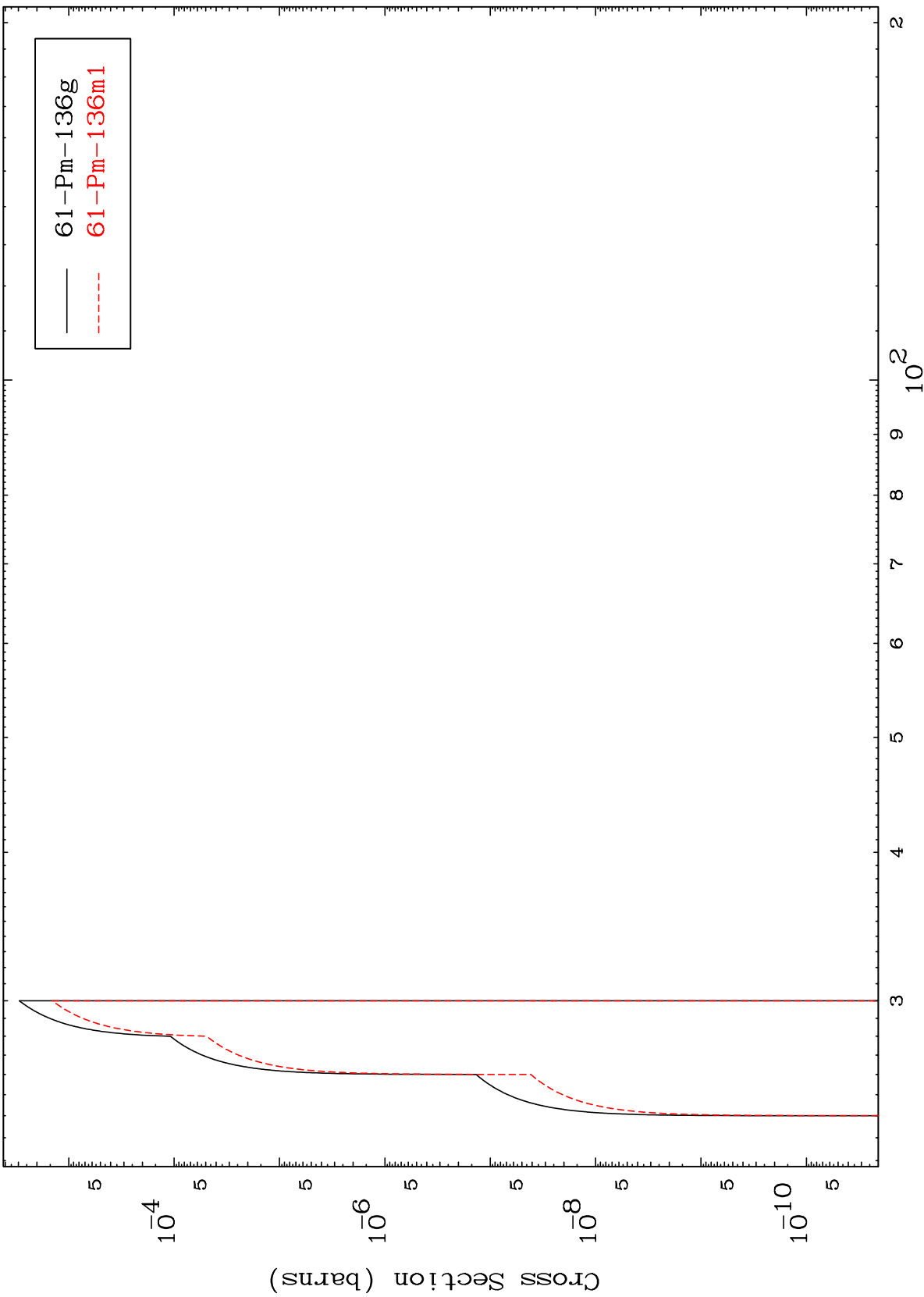
61-Pm-138

MAT 6122

(n,3n) p

61-Pm-138

Radionuclide Production Cross Section



61-Pm-136g  
61-Pm-136m1

18

Incident Energy (MeV)

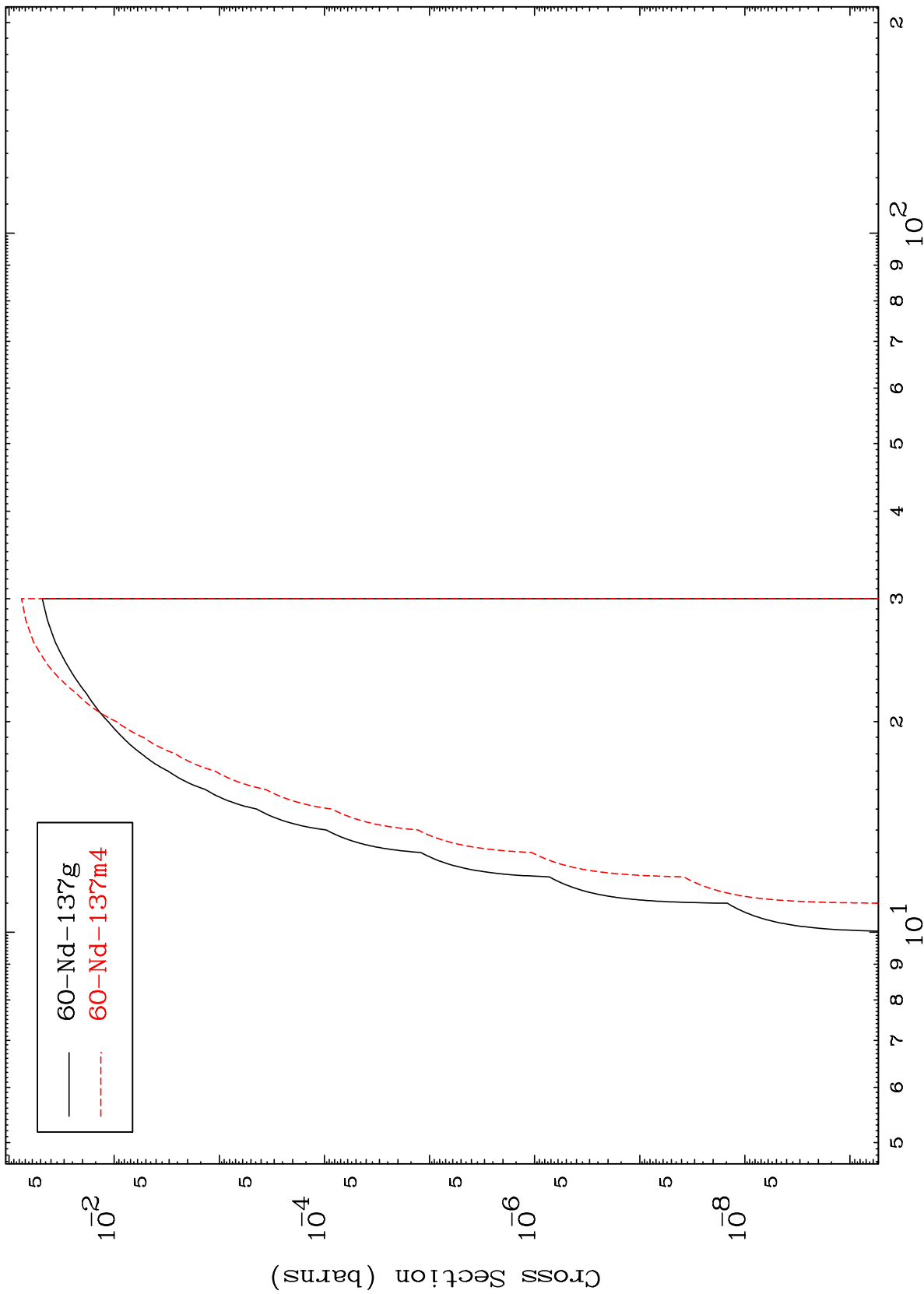
61-Pm-138

MAT 6122

(n,2n) p

61-Pm-138

Radionuclide Production Cross Section



19

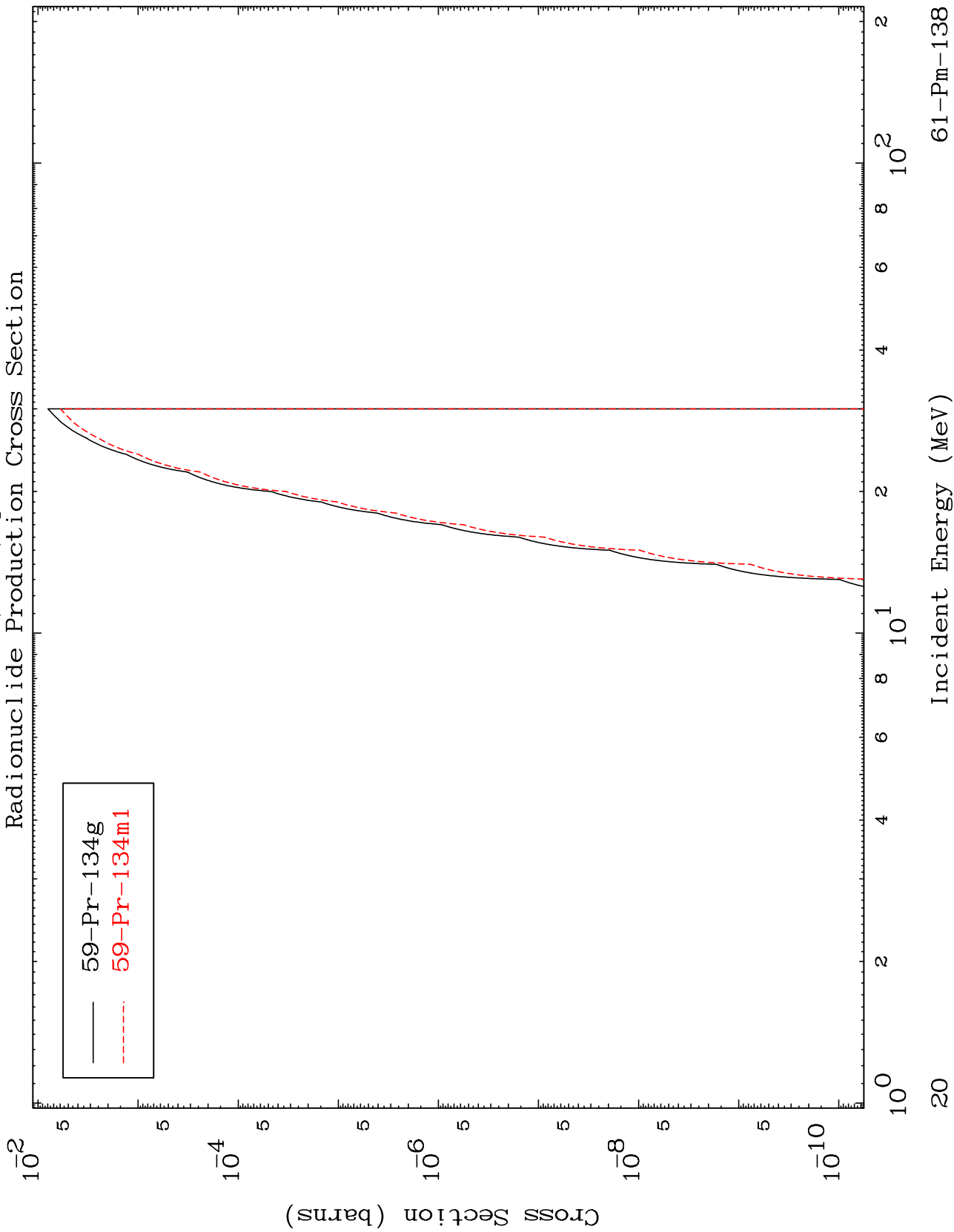
Incident Energy (MeV)

61-Pm-138

MAT 6122

(n,n') p  $\alpha$

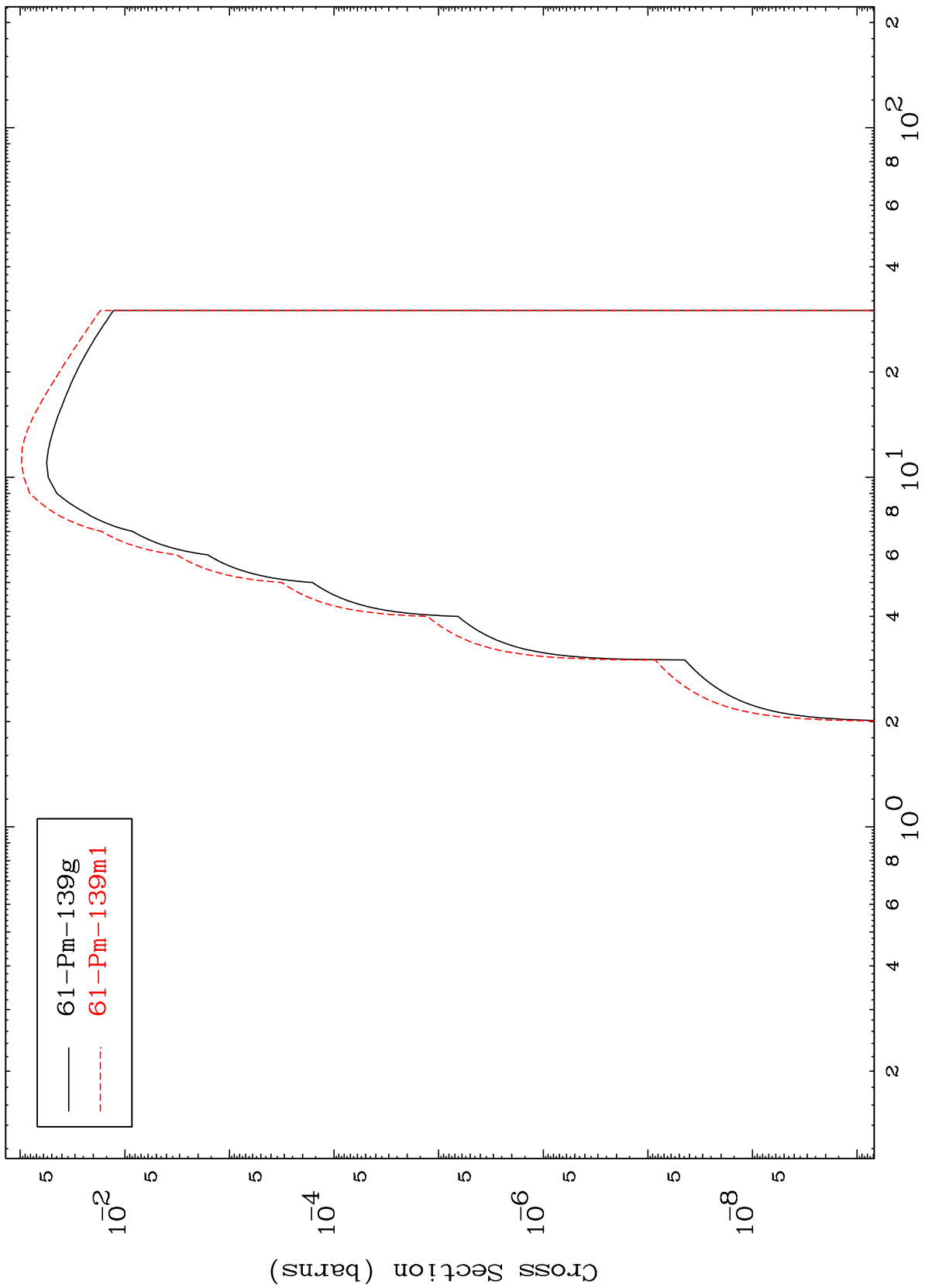
61-Pm-138



MAT 6122

61-Pm-138

(n,p)  
Radionuclide Production Cross Section

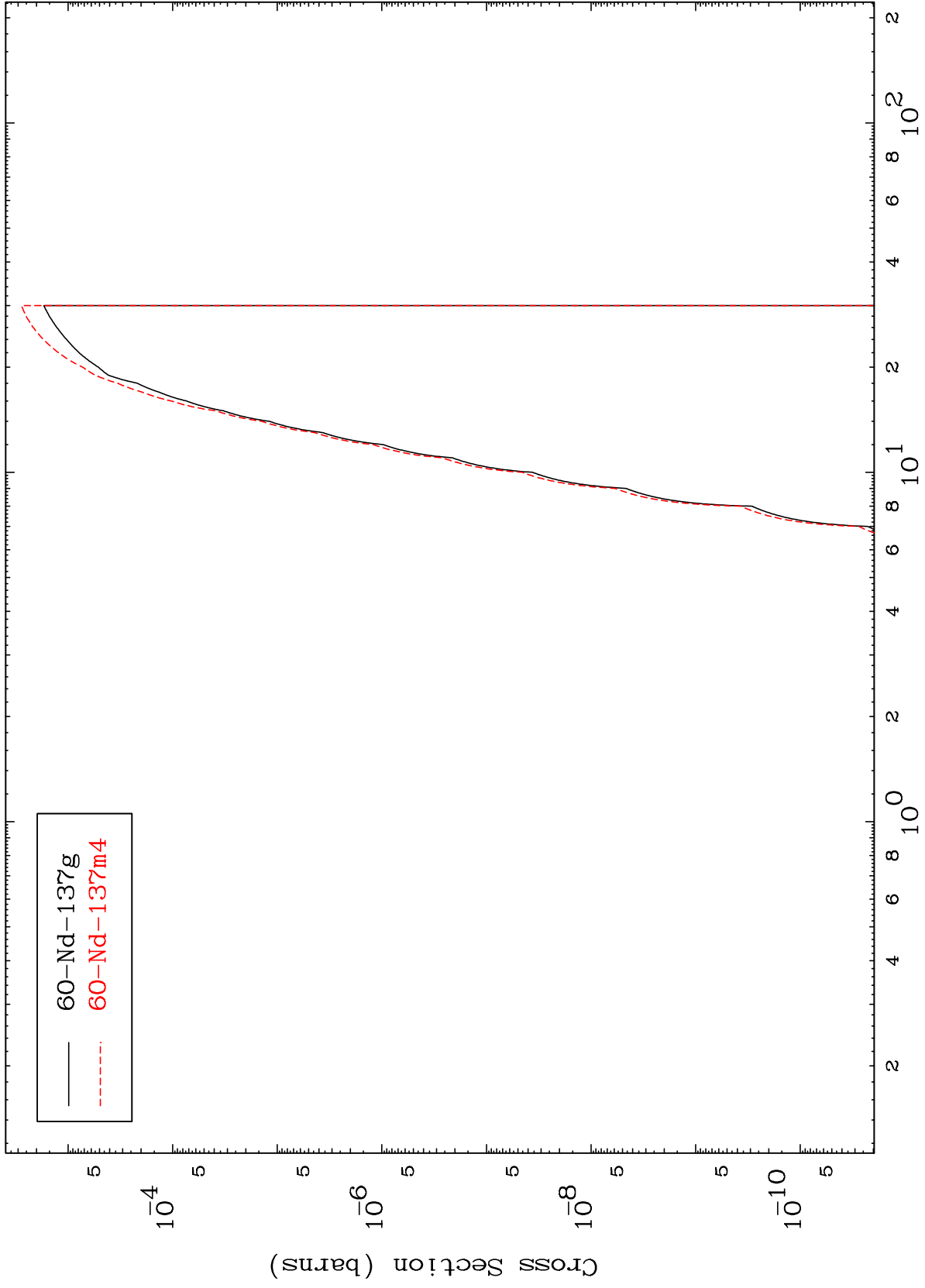


MAT 6122

(n,He-3)

61-Pm-138

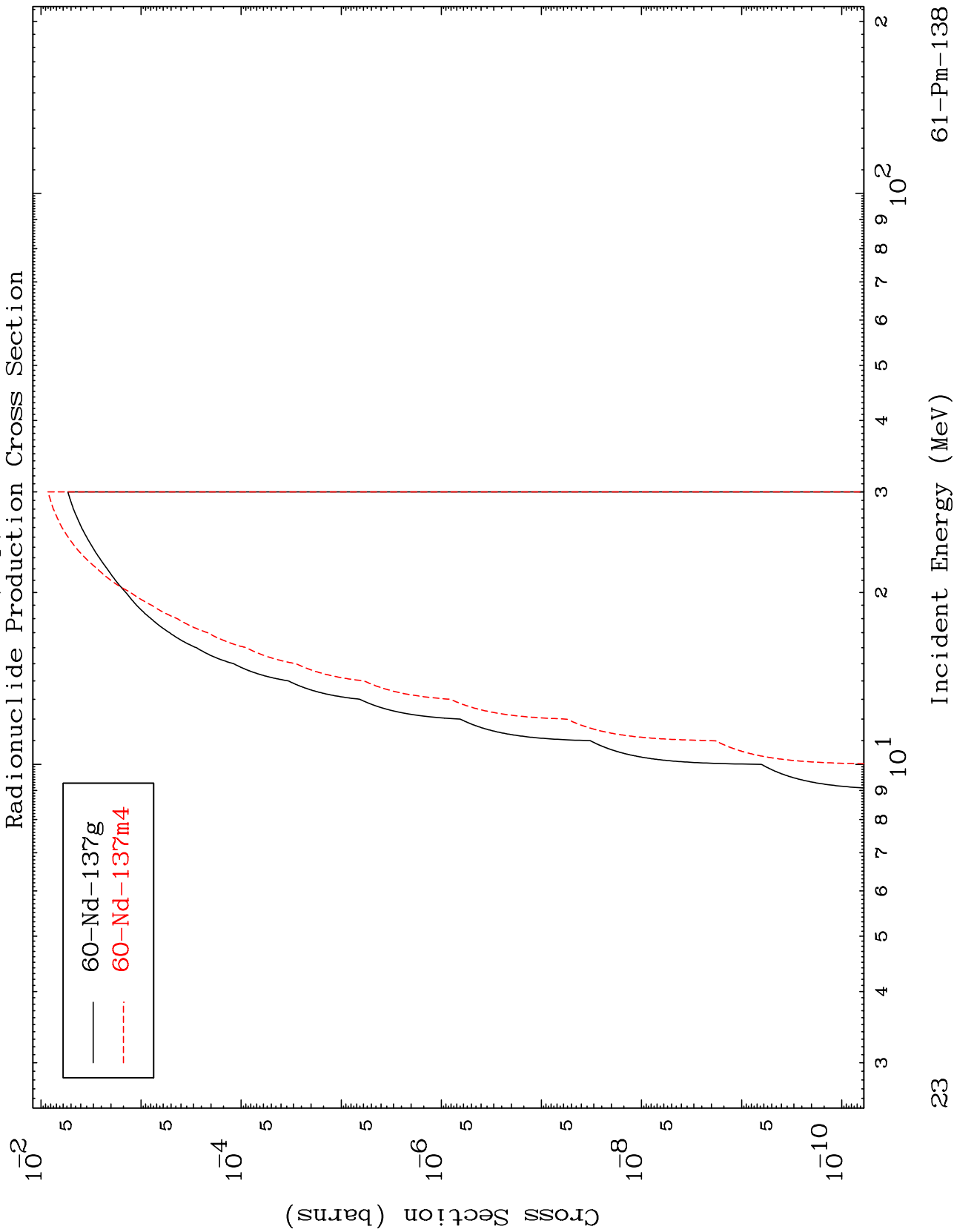
Radionuclide Production Cross Section



MAT 6122

(n,p) d

61-Pm-138





MAT 6122

(n,d)  $\alpha$

61-Pm-138

