

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

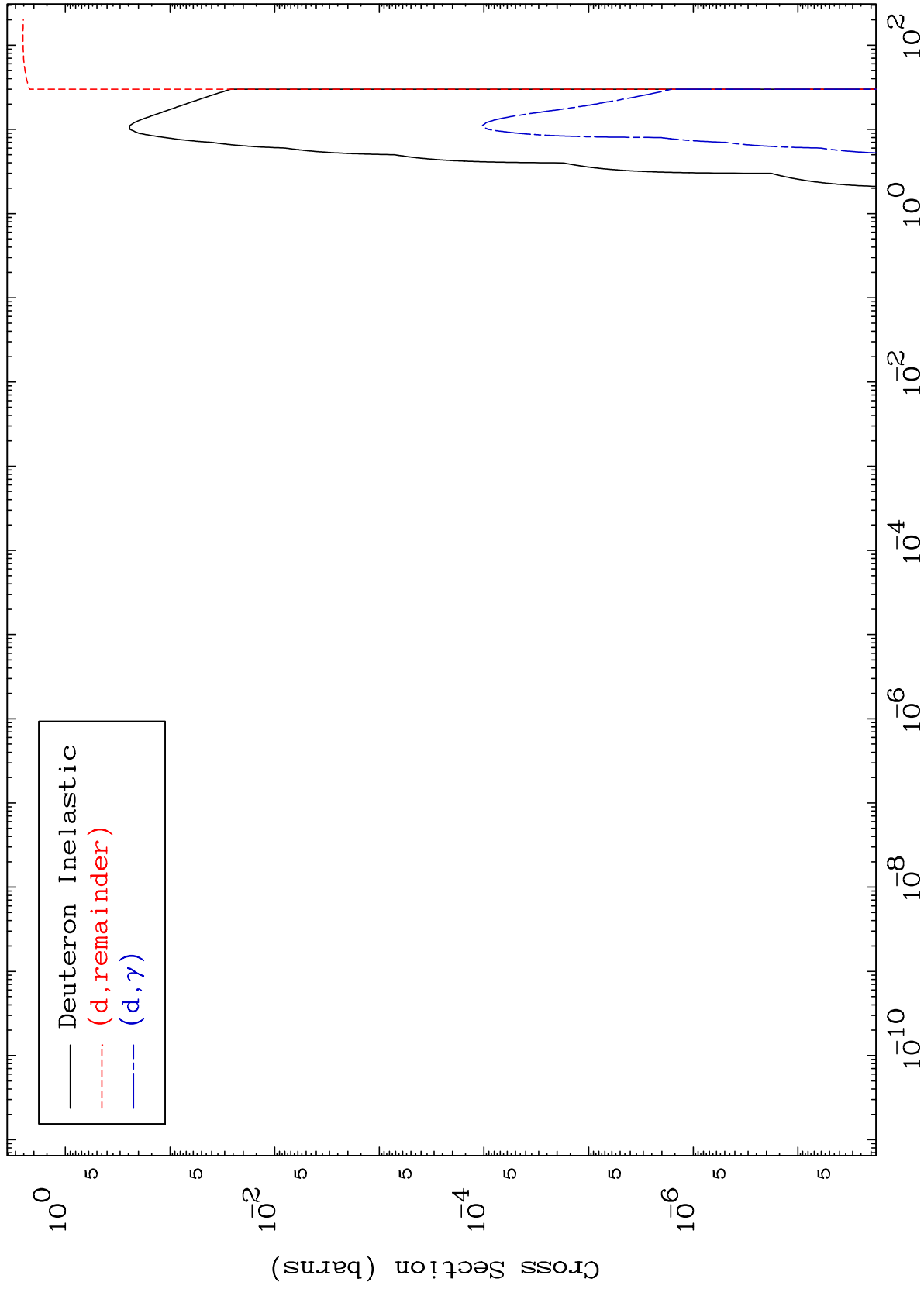
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Web:redcullen1.net/HOMEPAGE.NEW

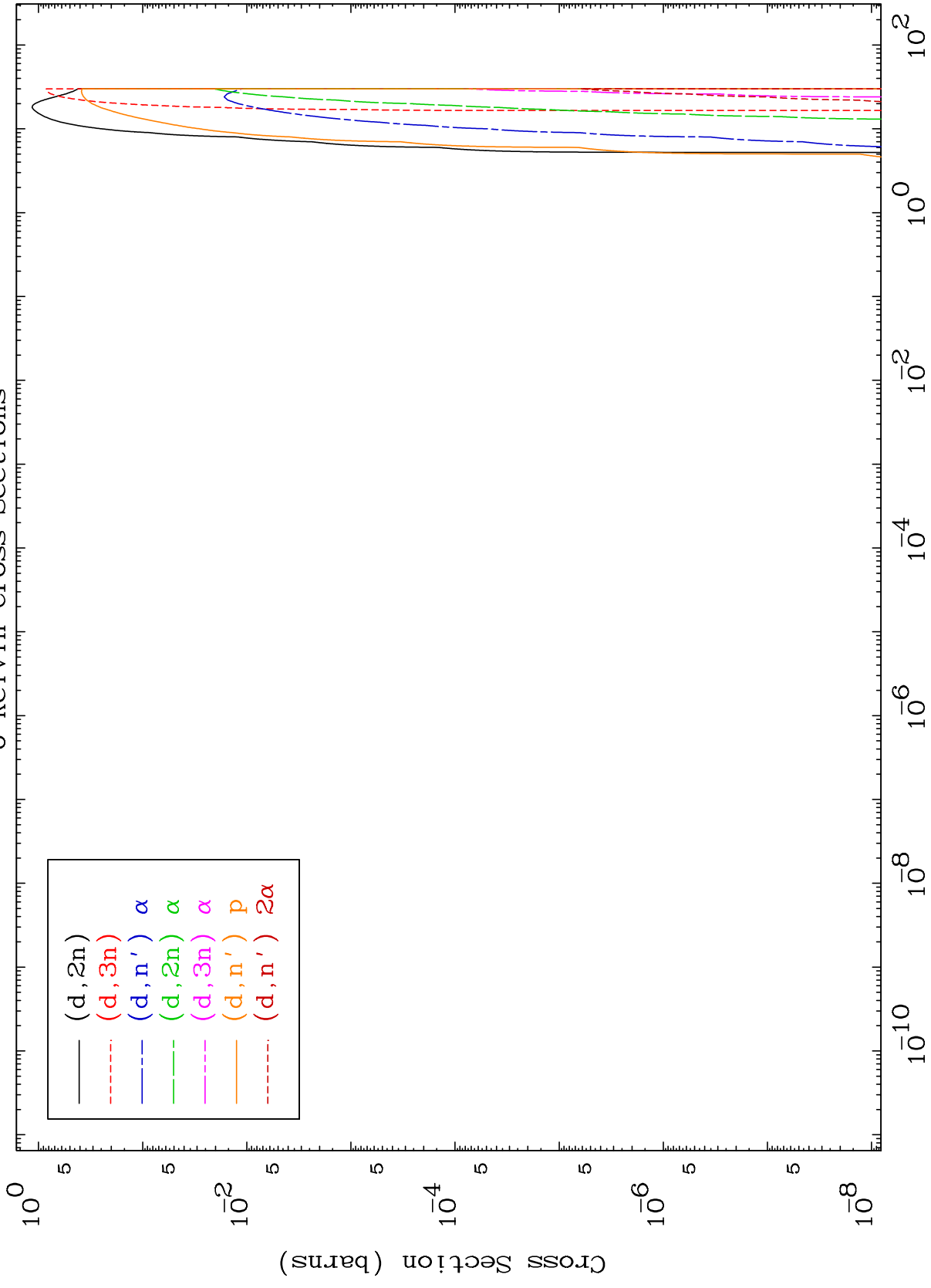
Press Mouse Button to Start

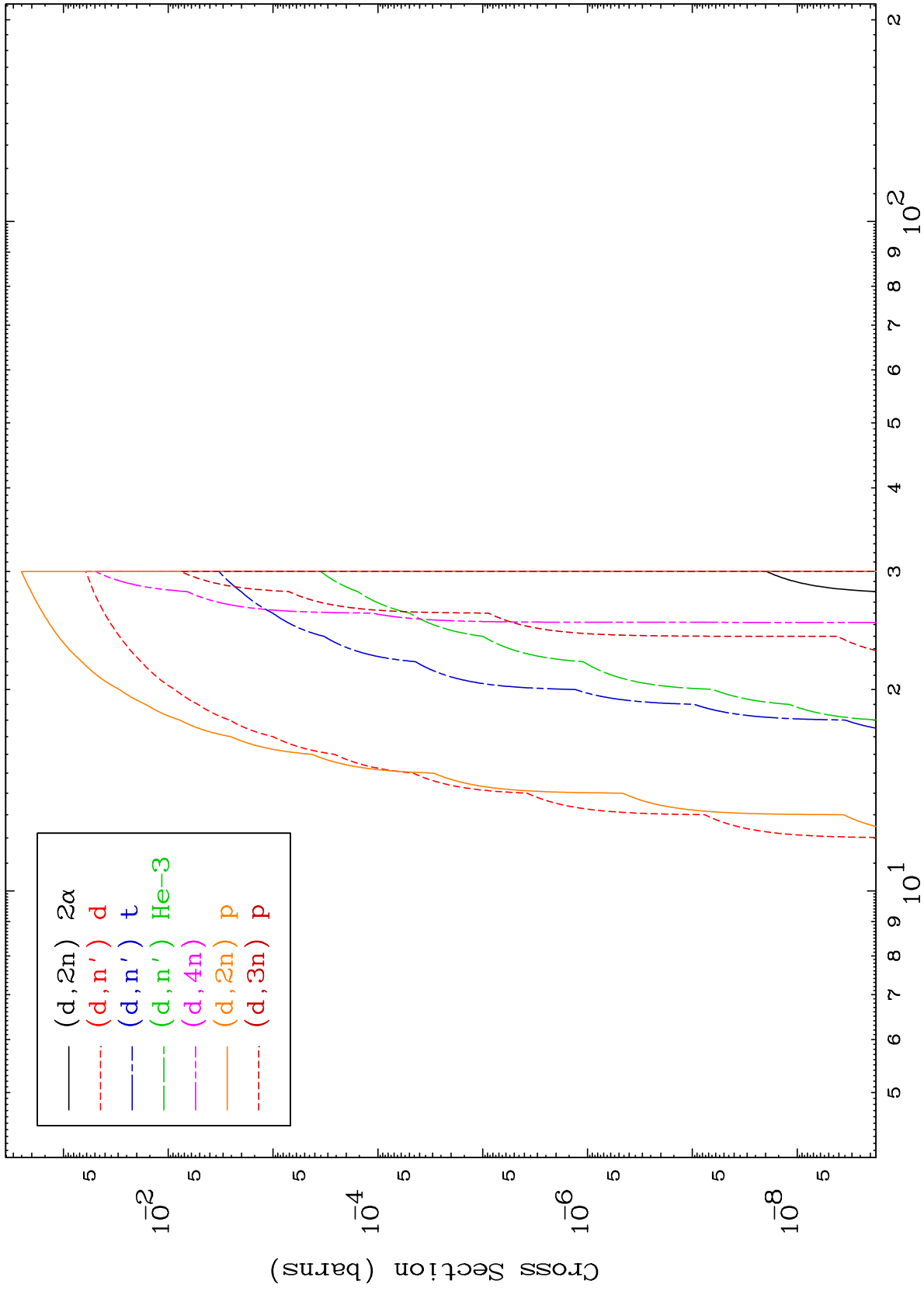


MAT 6134

Deuteron Neutron Production  
0 Kelvin Cross Sections

61-Pm-142

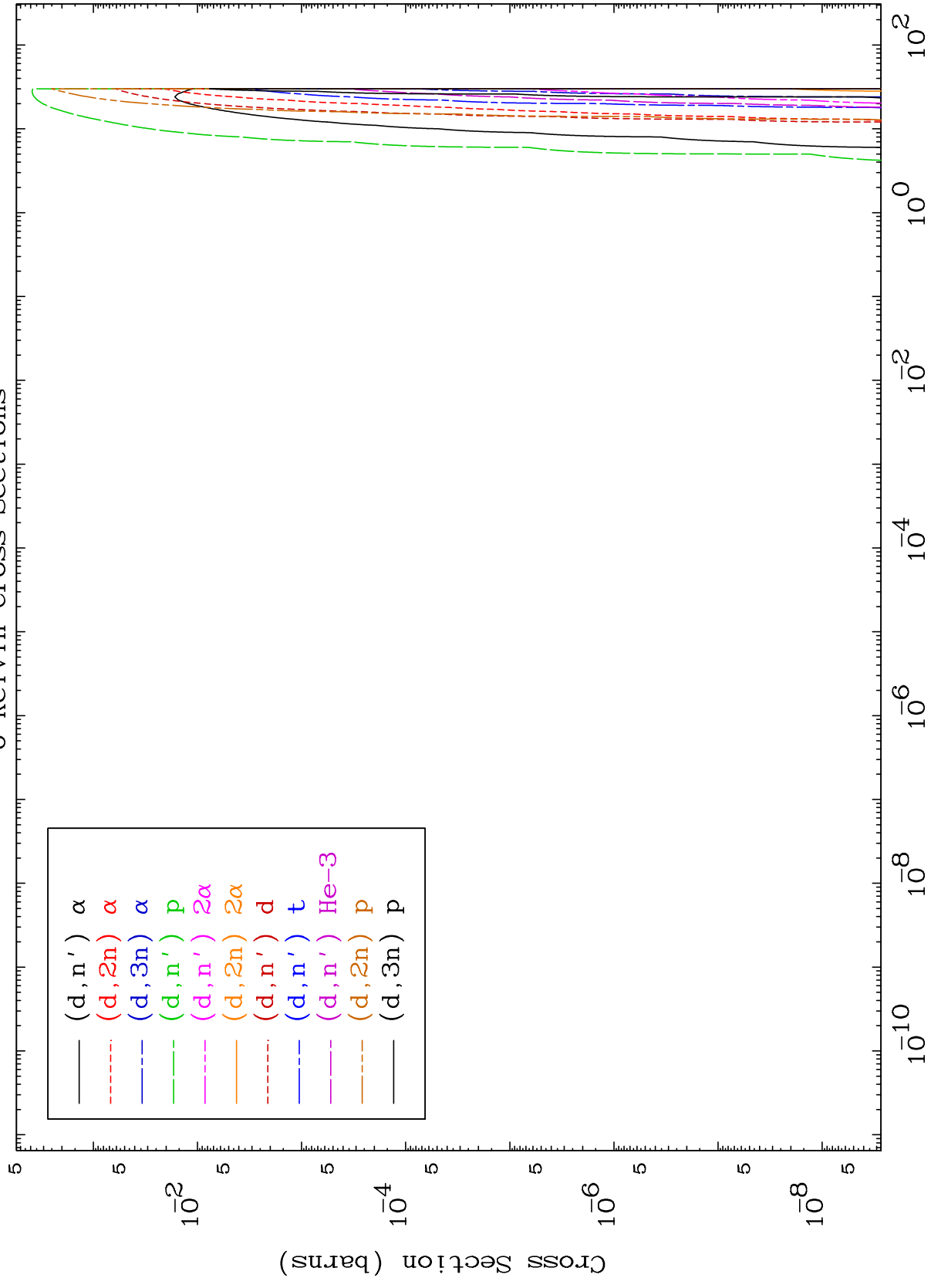




MAT 6134

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-142



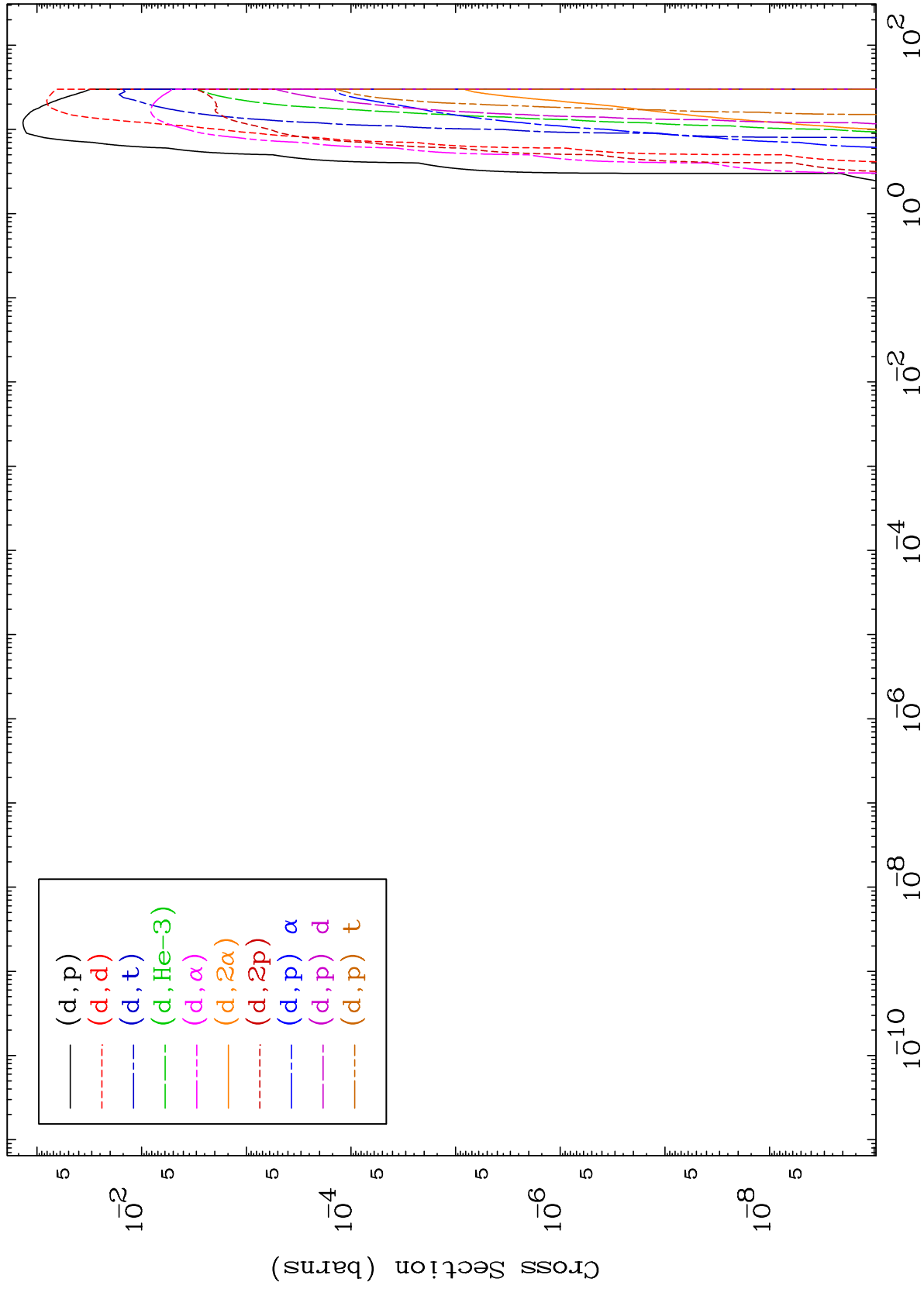
61-Pm-142

Incident Energy (MeV)

MAT 6134

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-142



5

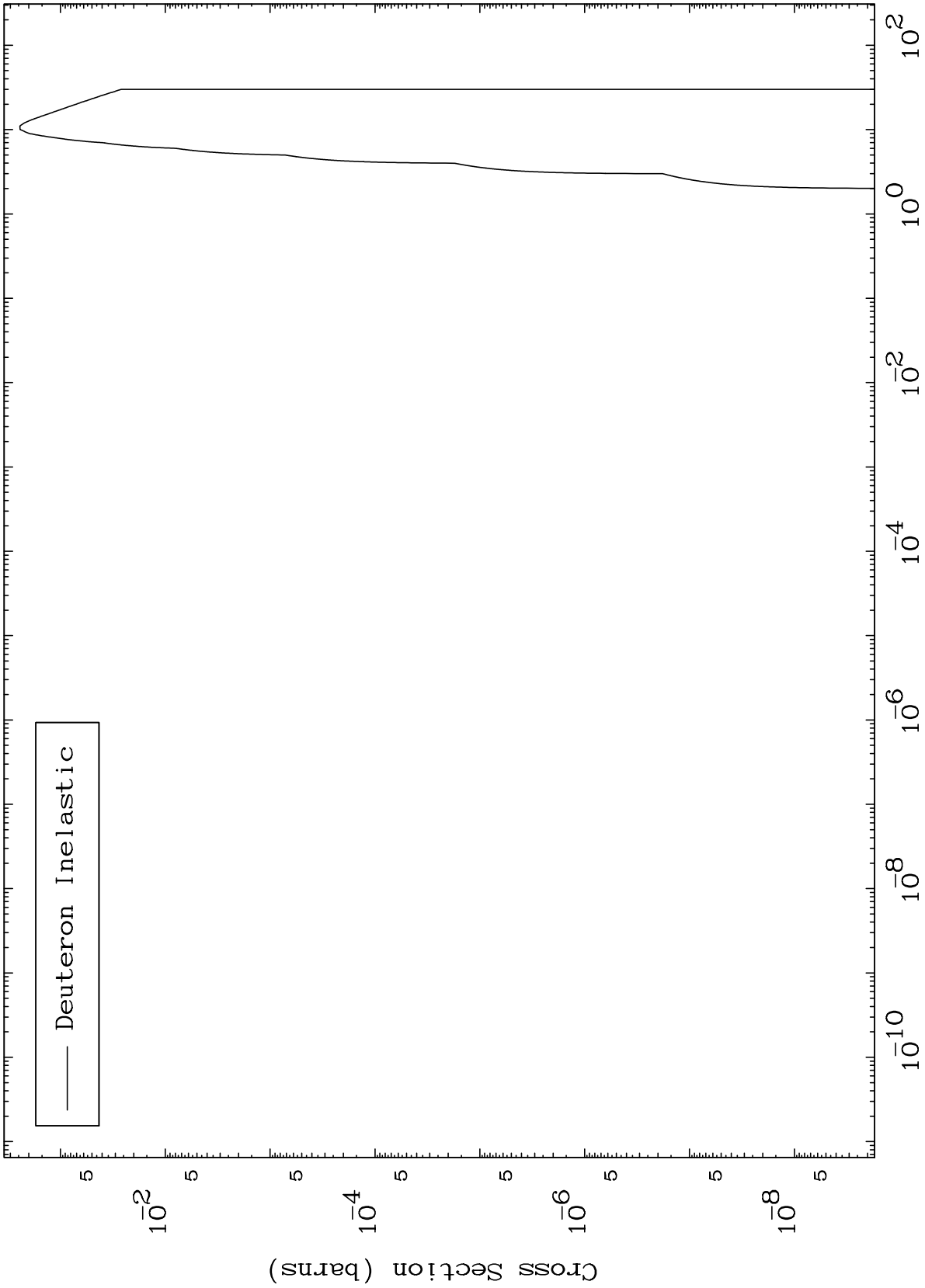
Incident Energy (MeV)

61-Pm-142

MAT 6134

(d,n') Level  
0 Kelvin Cross Sections

61-Pm-142

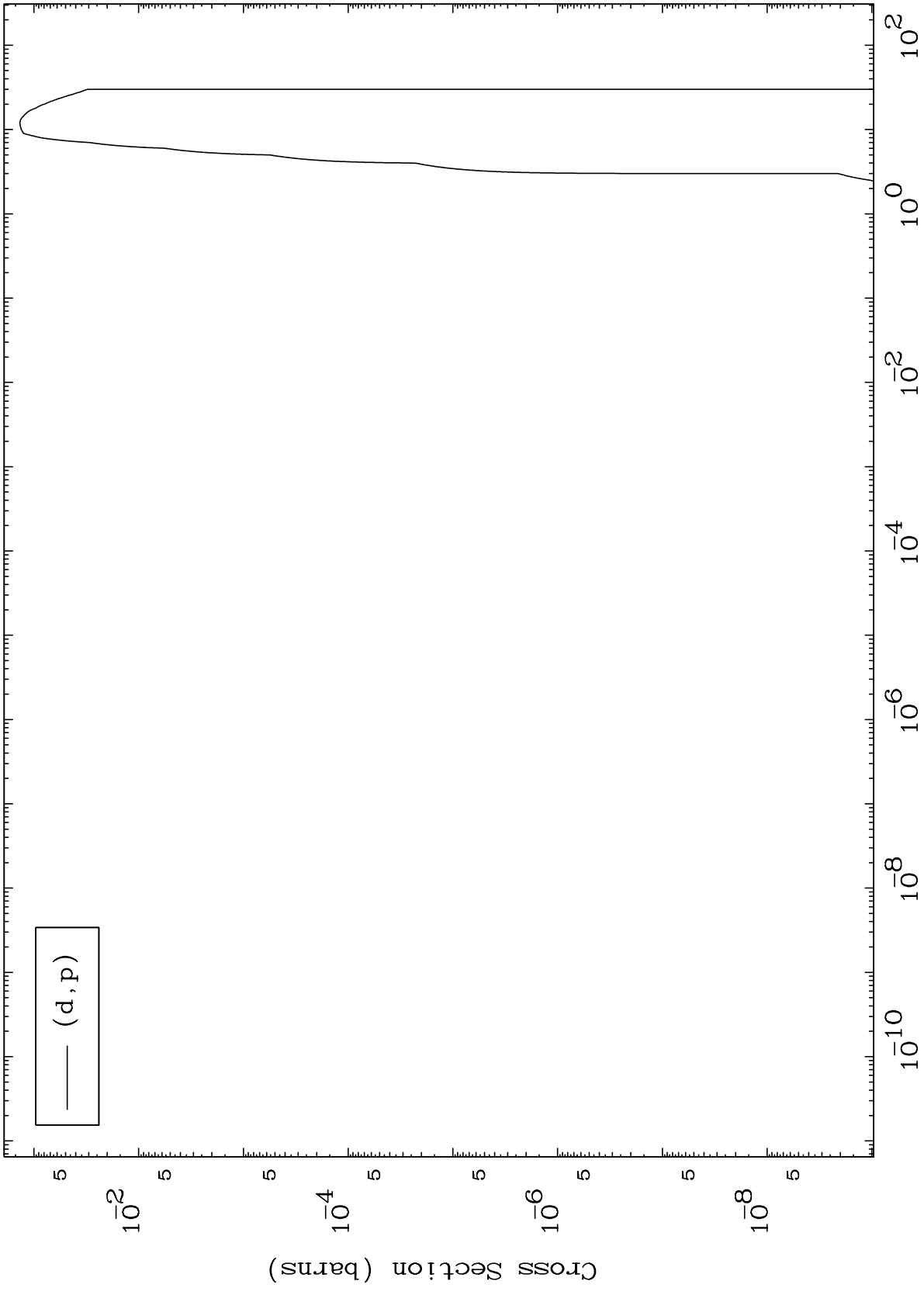


61-Pm-142

MAT 6134

(d,p) Levels  
0 Kelvin Cross Sections

61-Pm-142



61-Pm-142

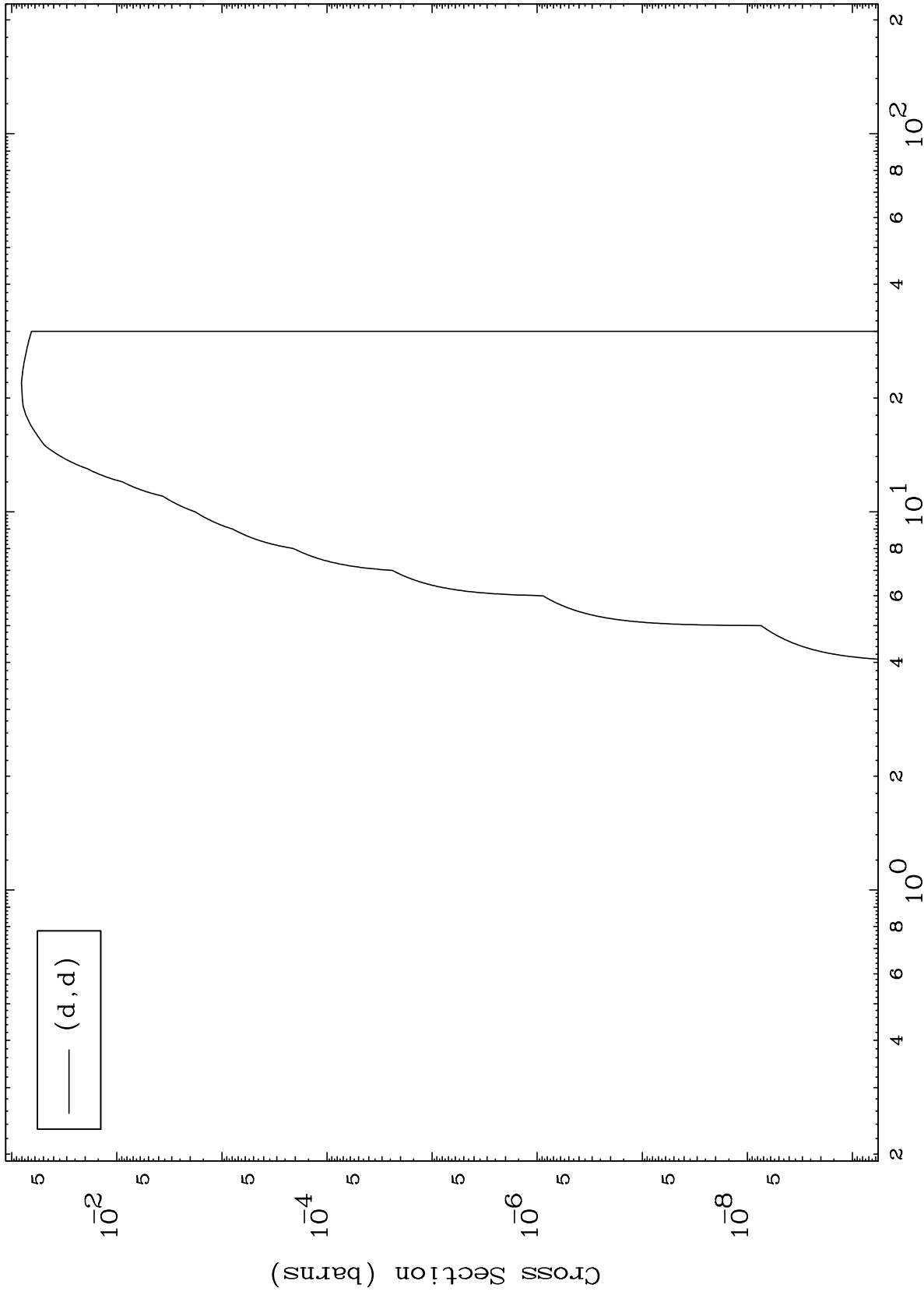
Incident Energy (MeV)



MAT 6134

(d,d) Levels  
0 Kelvin Cross Sections

61-Pm-142



8

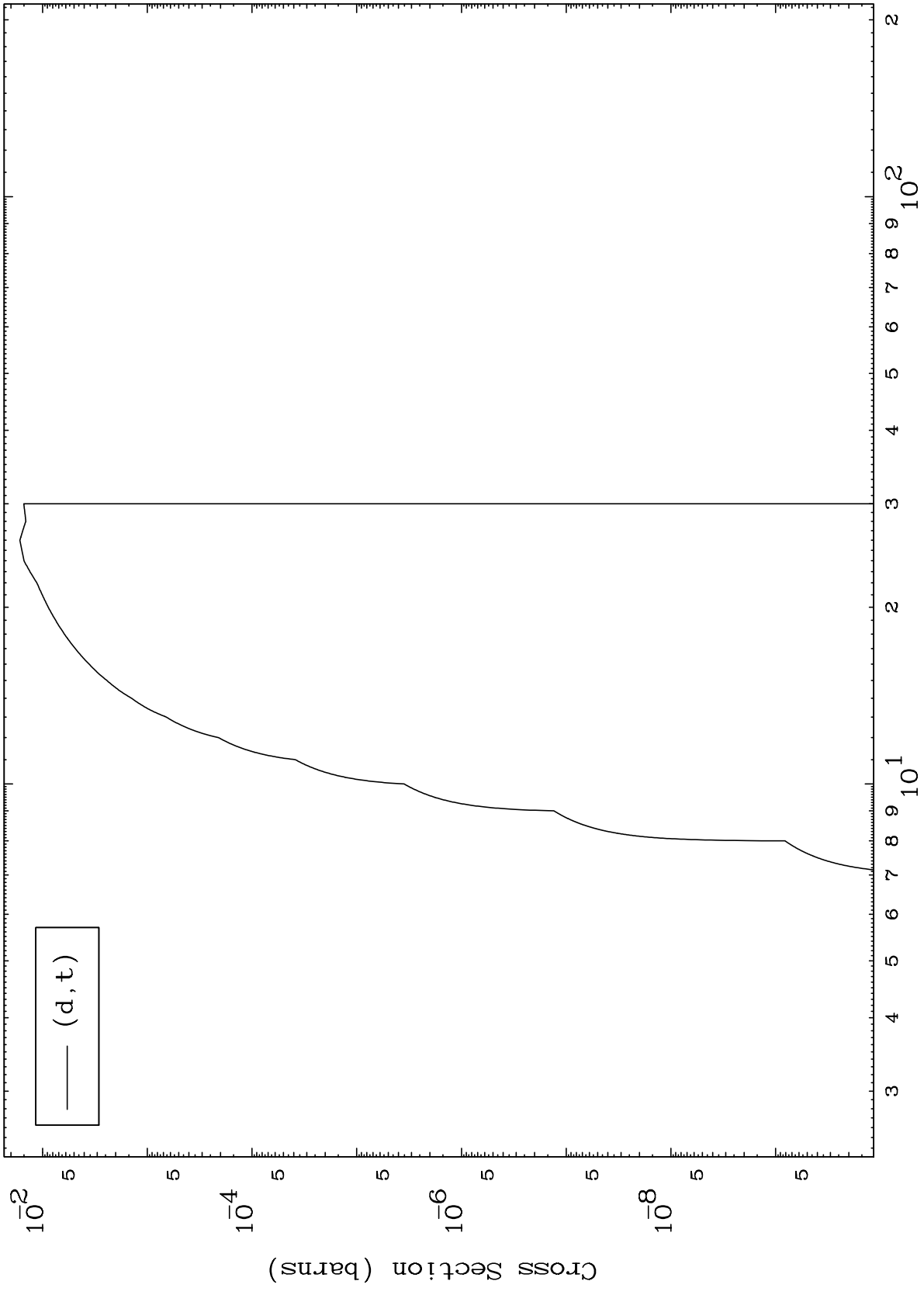
Incident Energy (MeV)

61-Pm-142

MAT 6134

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-142



9

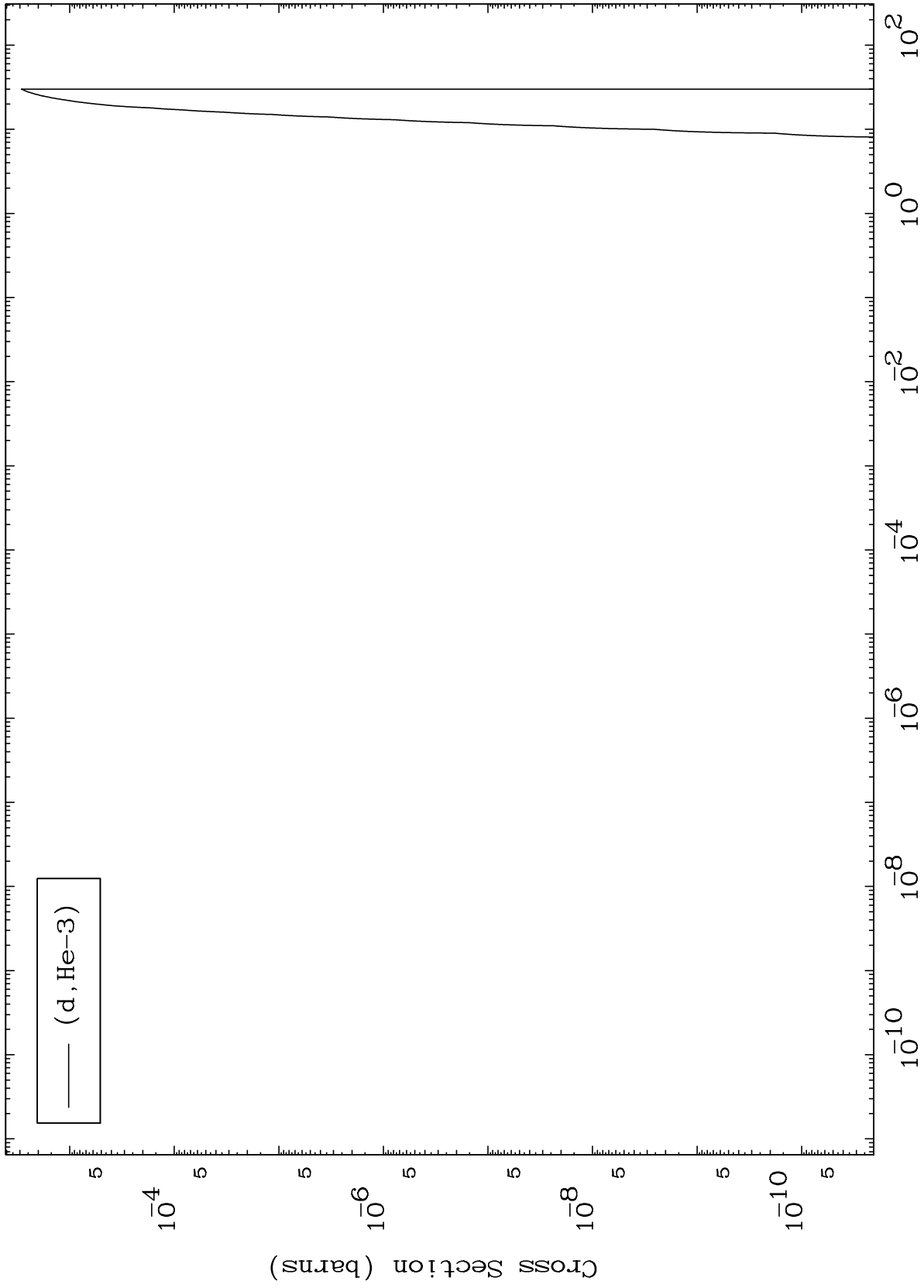
Incident Energy (MeV)

61-Pm-142

MAT 6134

(d,He3) Levels  
0 Kelvin Cross Sections

61-Pm-142



10

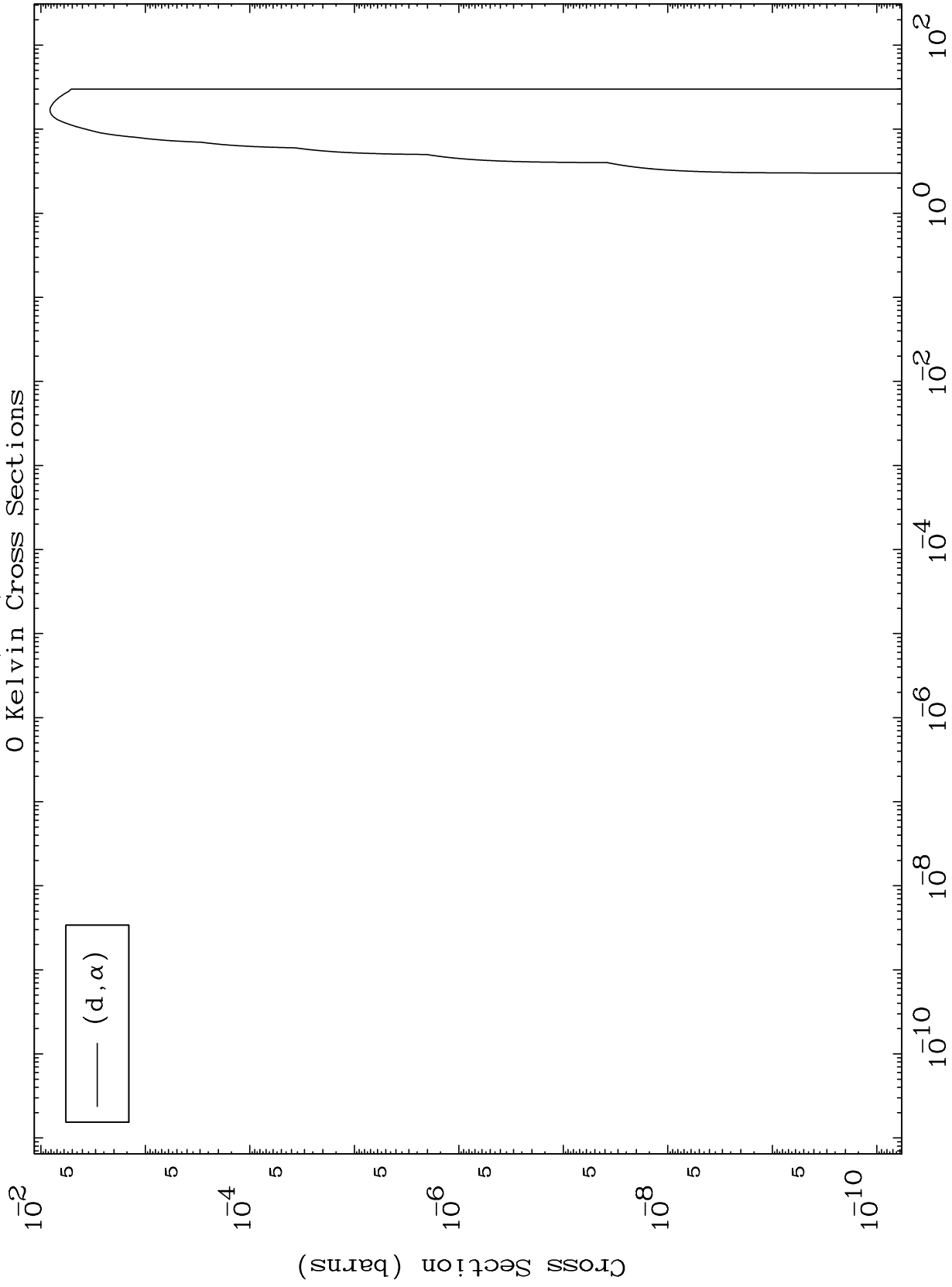
Incident Energy (MeV)

61-Pm-142

MAT 6134

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

61-Pm-142



11

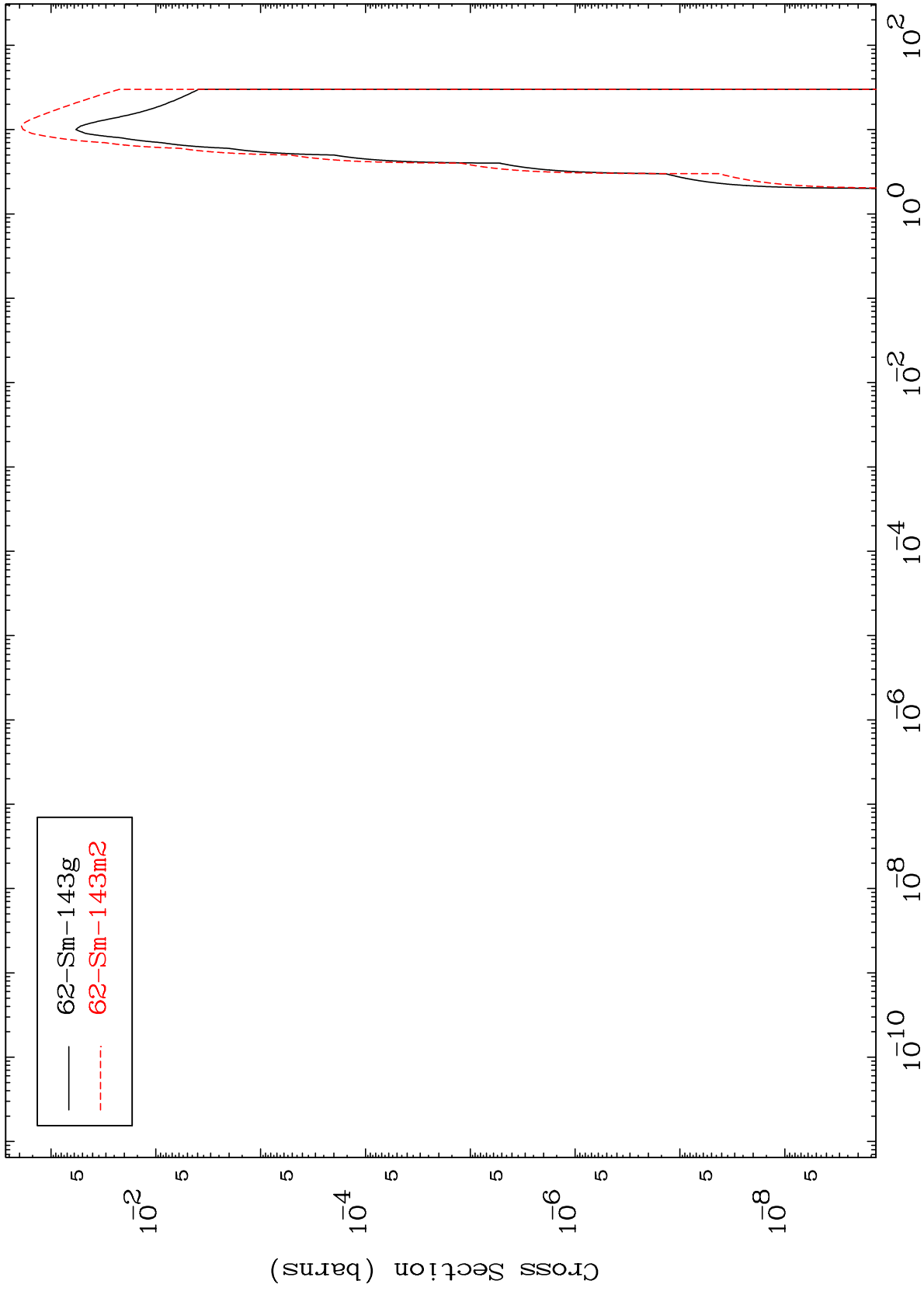
Incident Energy (MeV)

61-Pm-142

MAT 6134

Deuteron Inelastic  
Radionuclide Production Cross Section

61-Pm-142



12

Incident Energy (MeV)

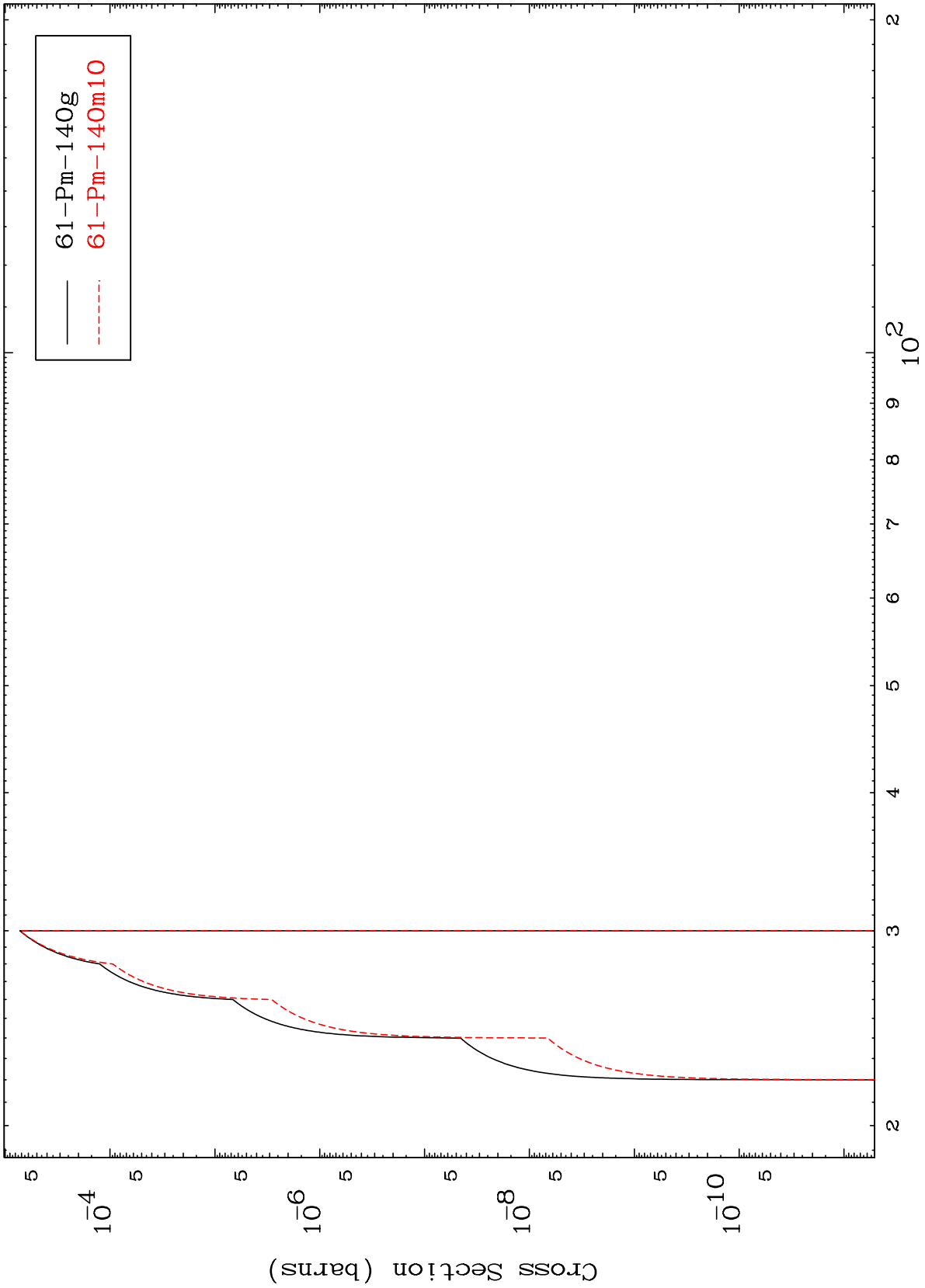
61-Pm-142

MAT 6134

(d,2n) d

61-Pm-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

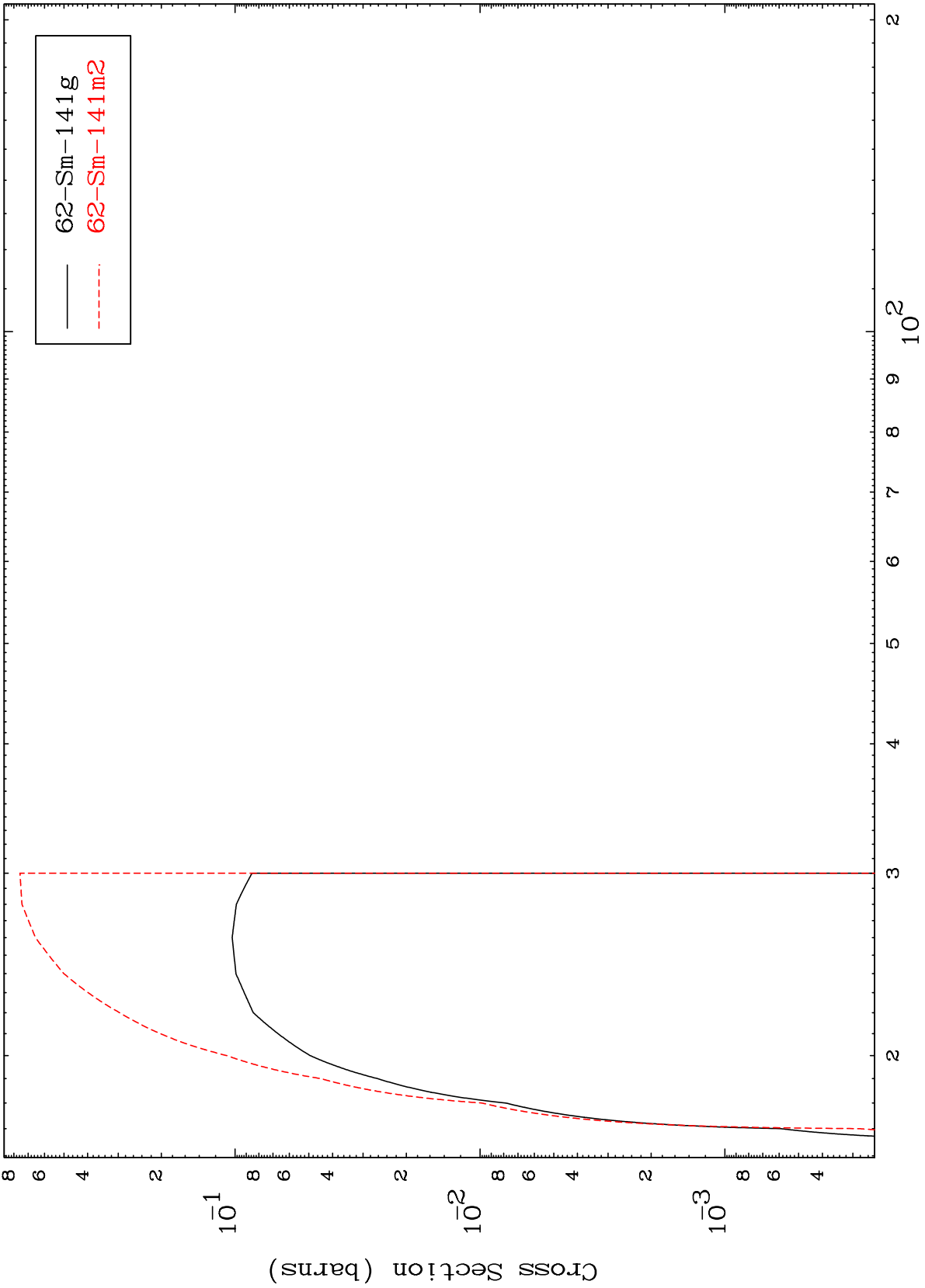
61-Pm-142

MAT 6134

(d,3n)

61-Pm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

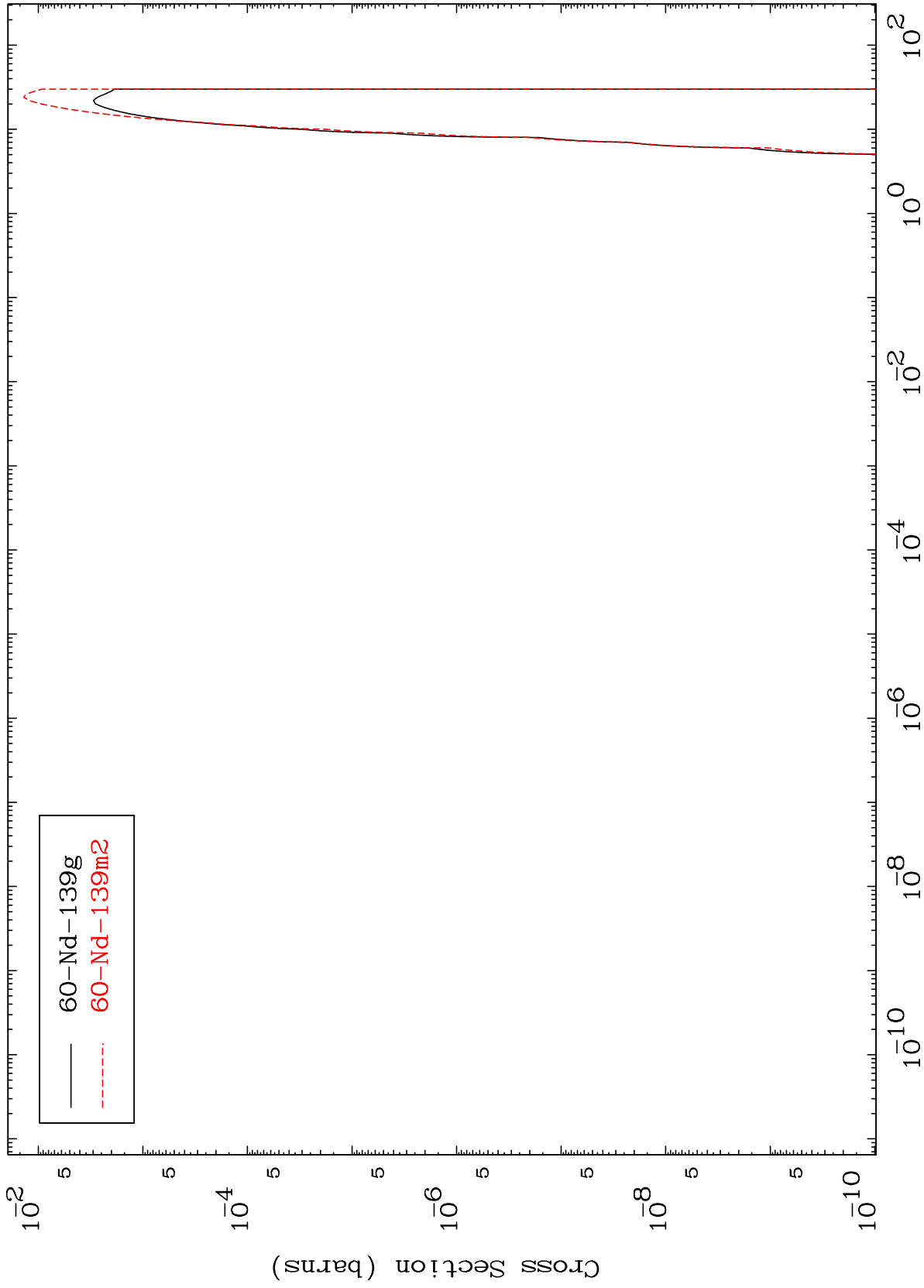
61-Pm-142

MAT 6134

(d,n')  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

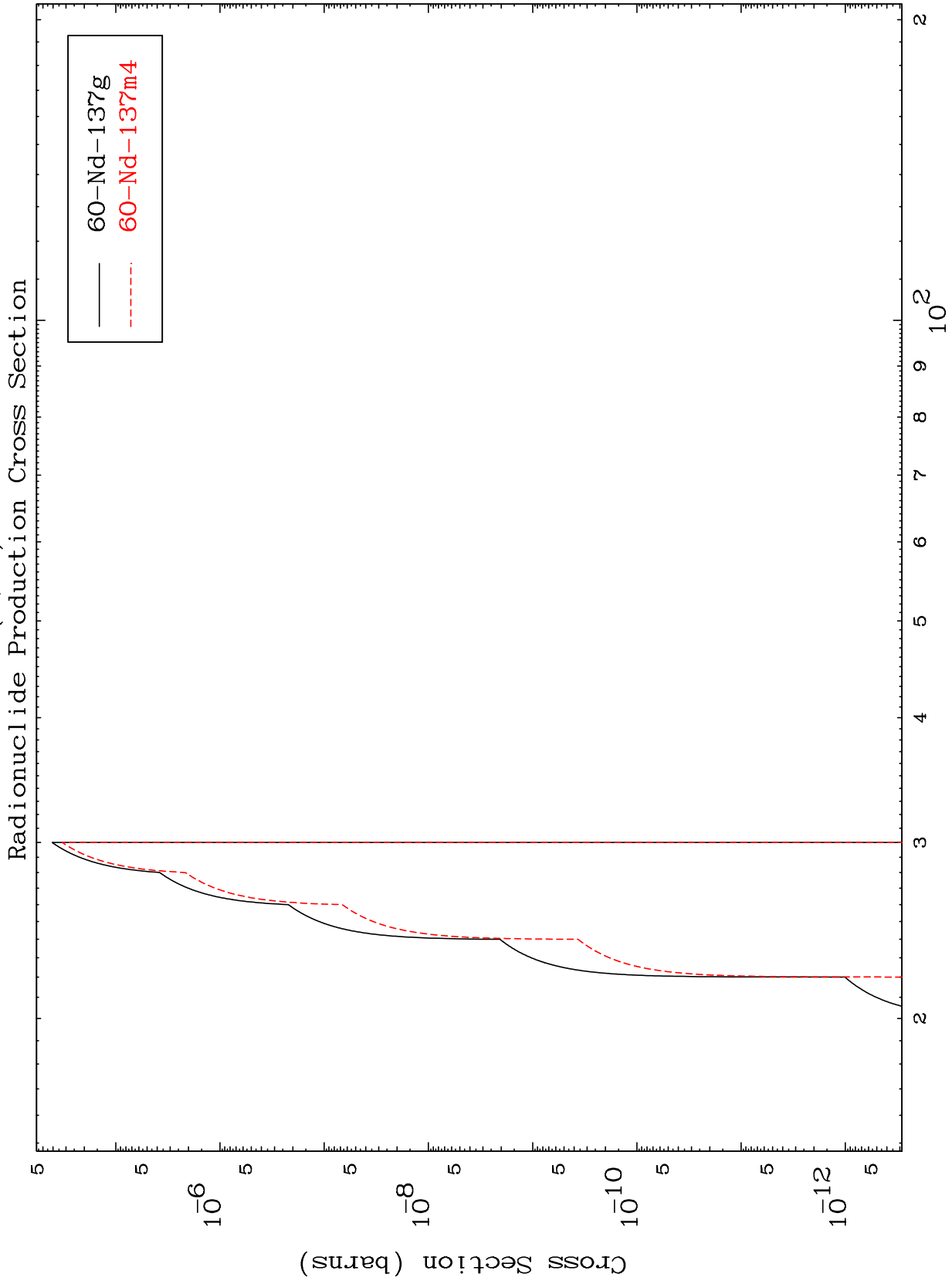
61-Pm-142



MAT 6134

(d,3n)  $\alpha$

61-Pm-142



16

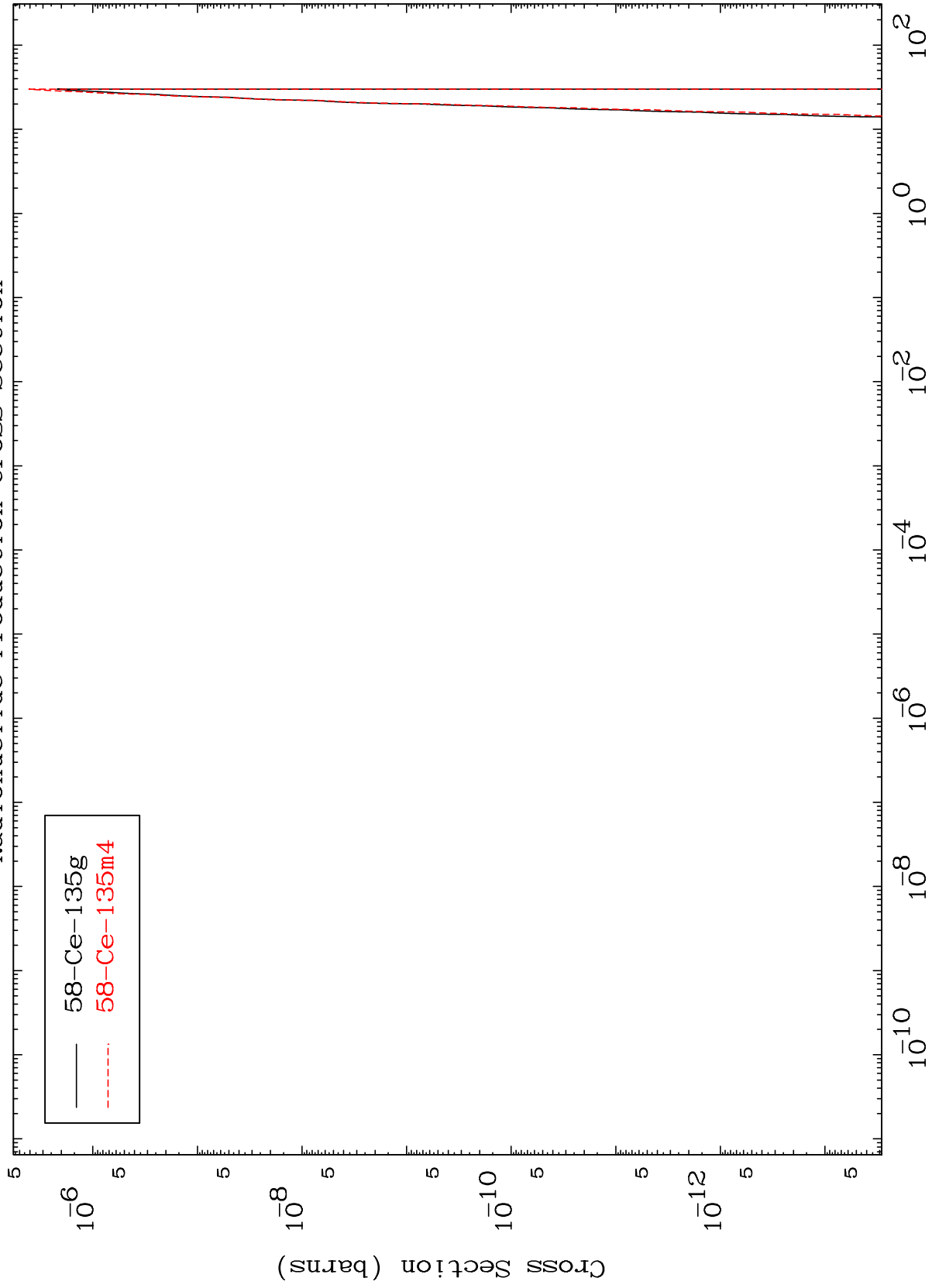
61-Pm-142

MAT 6134

(d,n') 2 $\alpha$

61-Pm-142

Radionuclide Production Cross Section



17

Incident Energy (MeV)

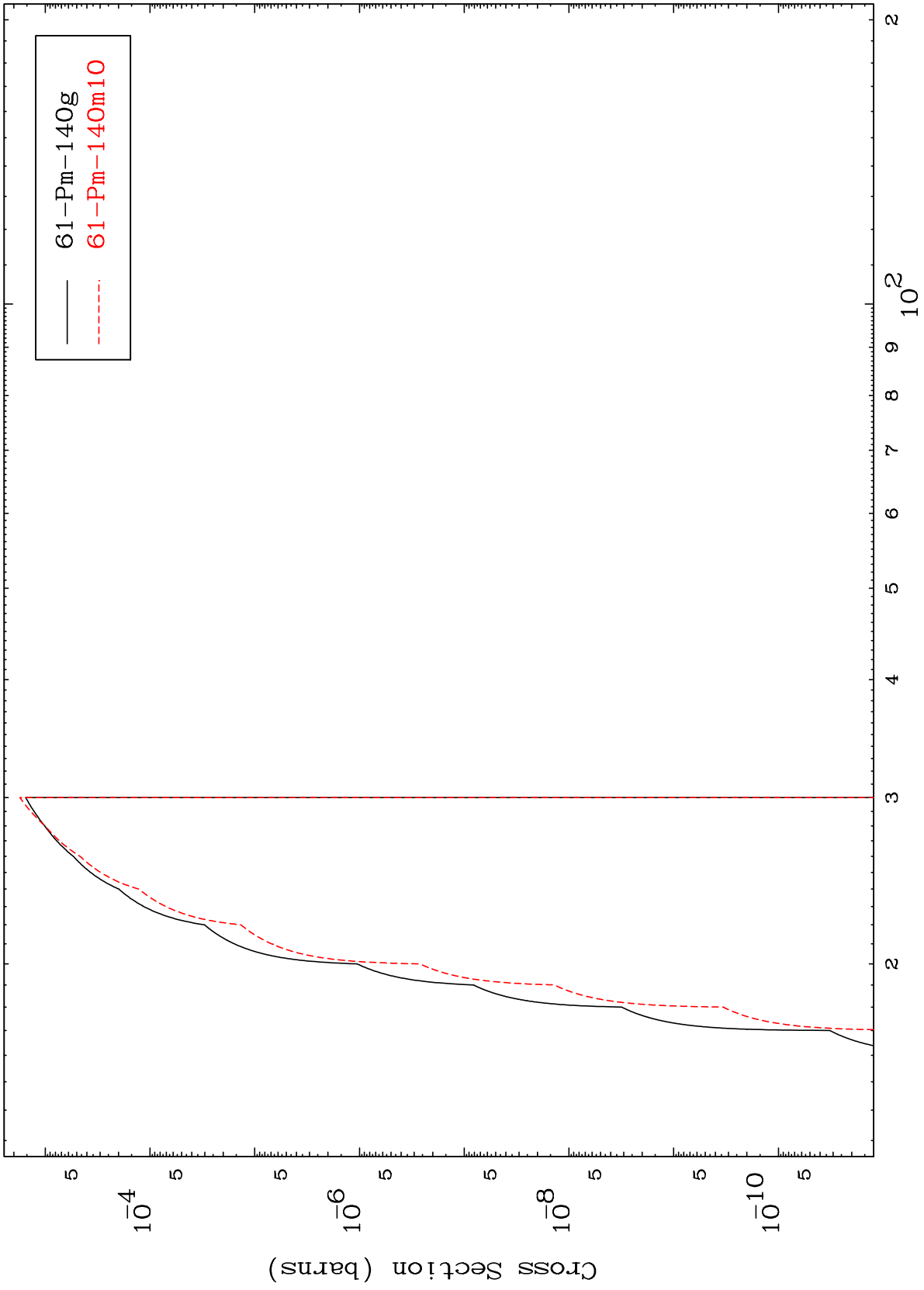
61-Pm-142

MAT 6134

(d,n') t

61-Pm-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

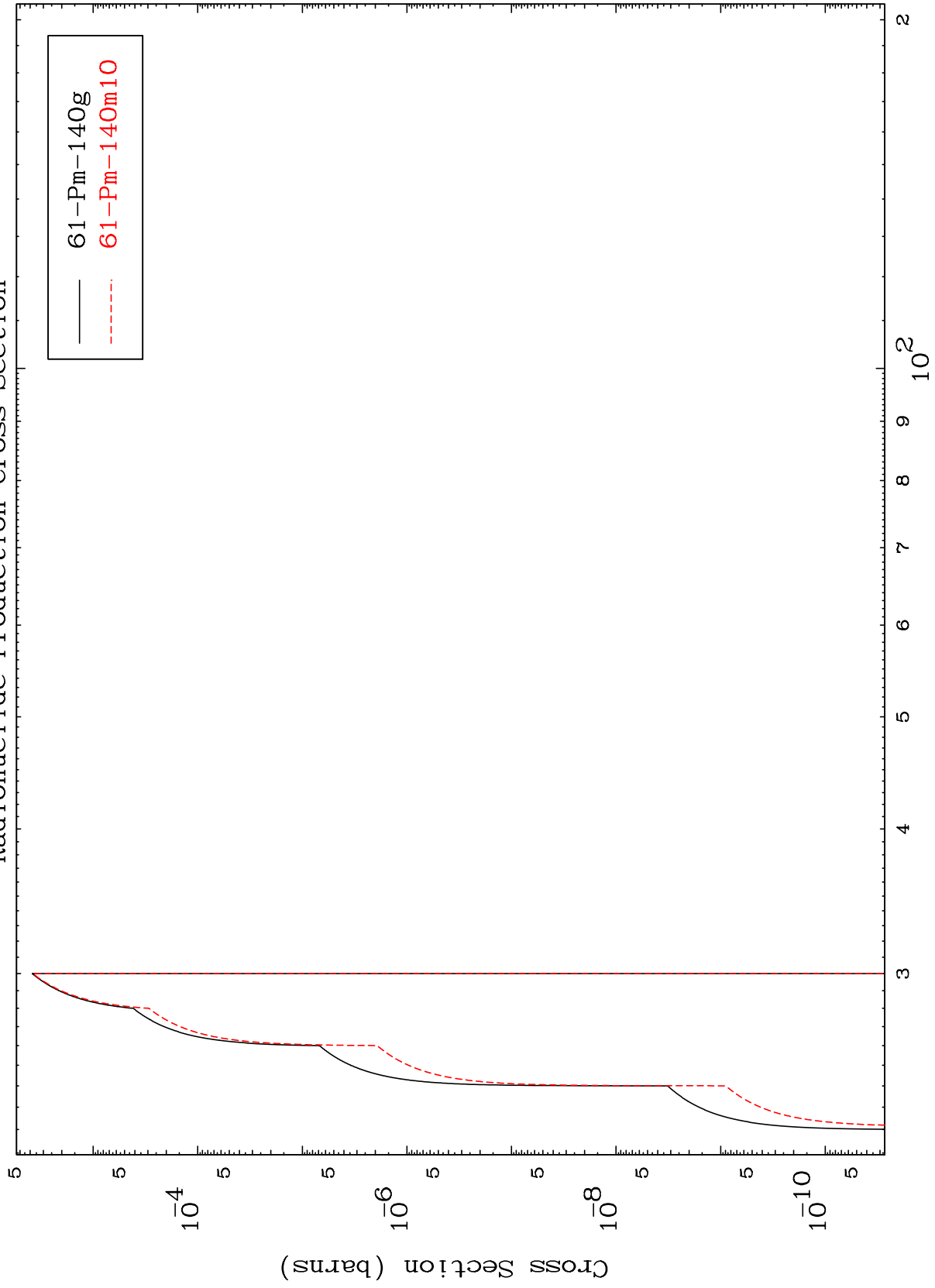
61-Pm-142

MAT 6134

(d,3n) p

61-Pm-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

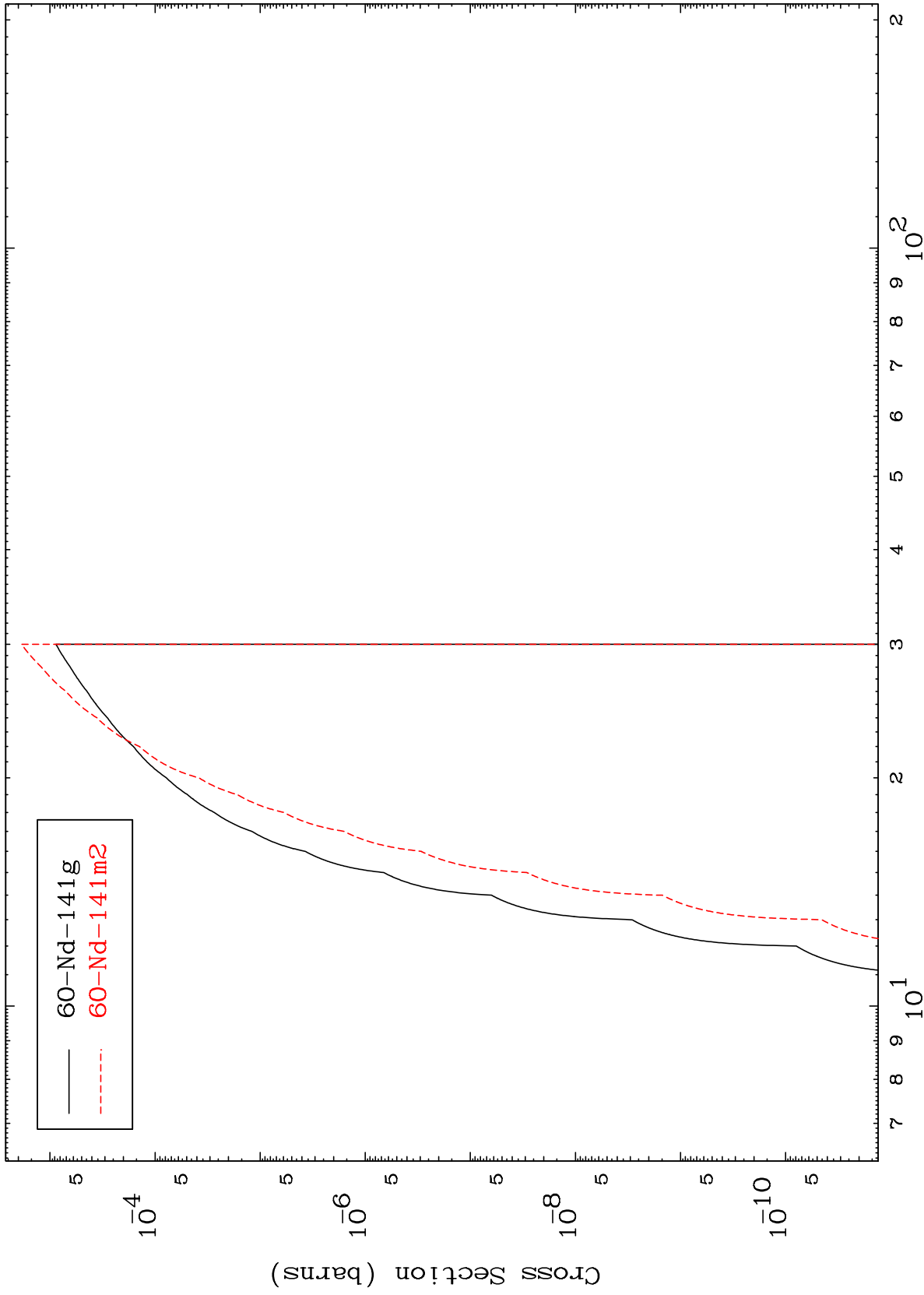
61-Pm-142

MAT 6134

(d,2n) p

61-Pm-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

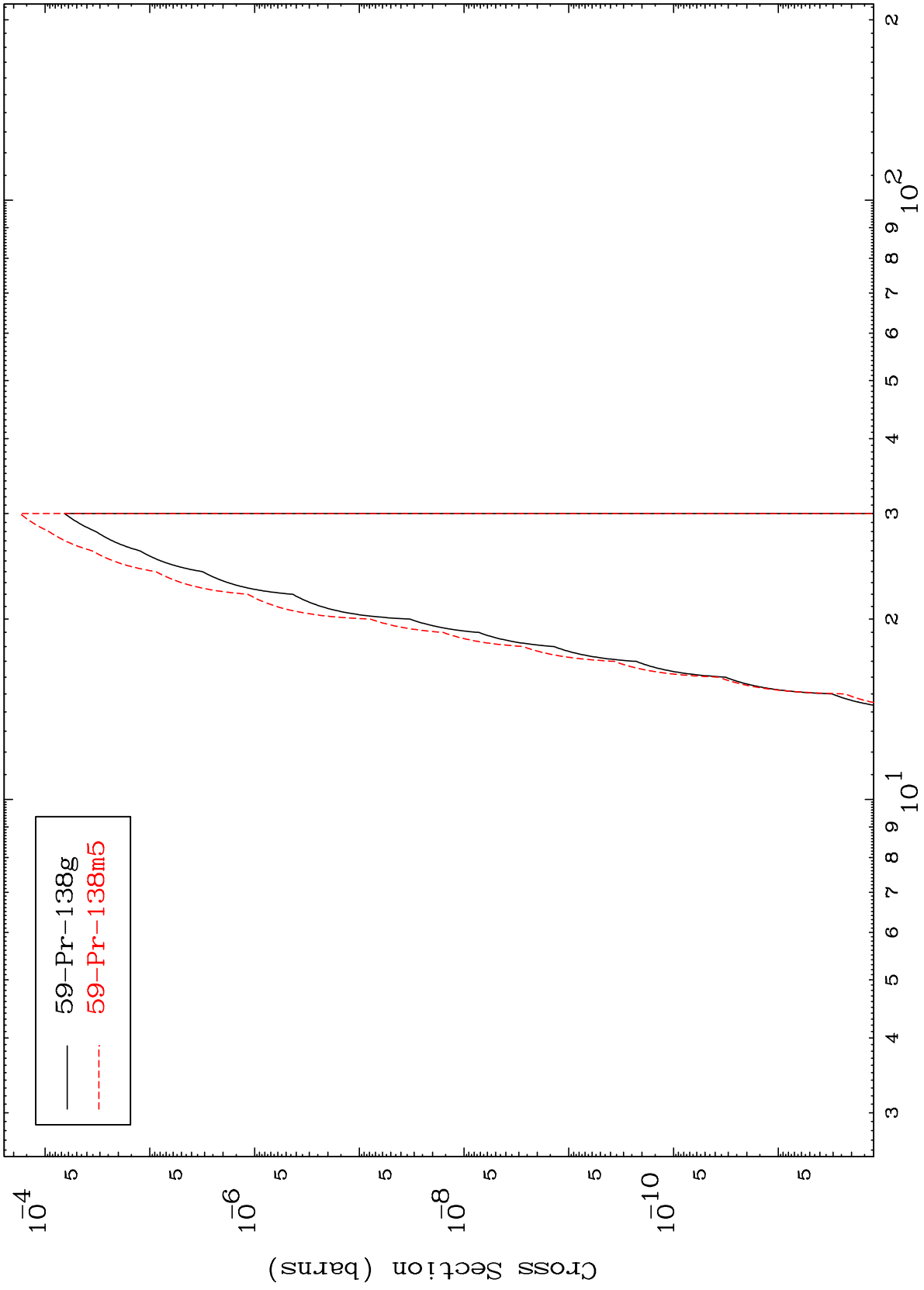
61-Pm-142

MAT 6134

(d,n') p  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



21

Incident Energy (MeV)

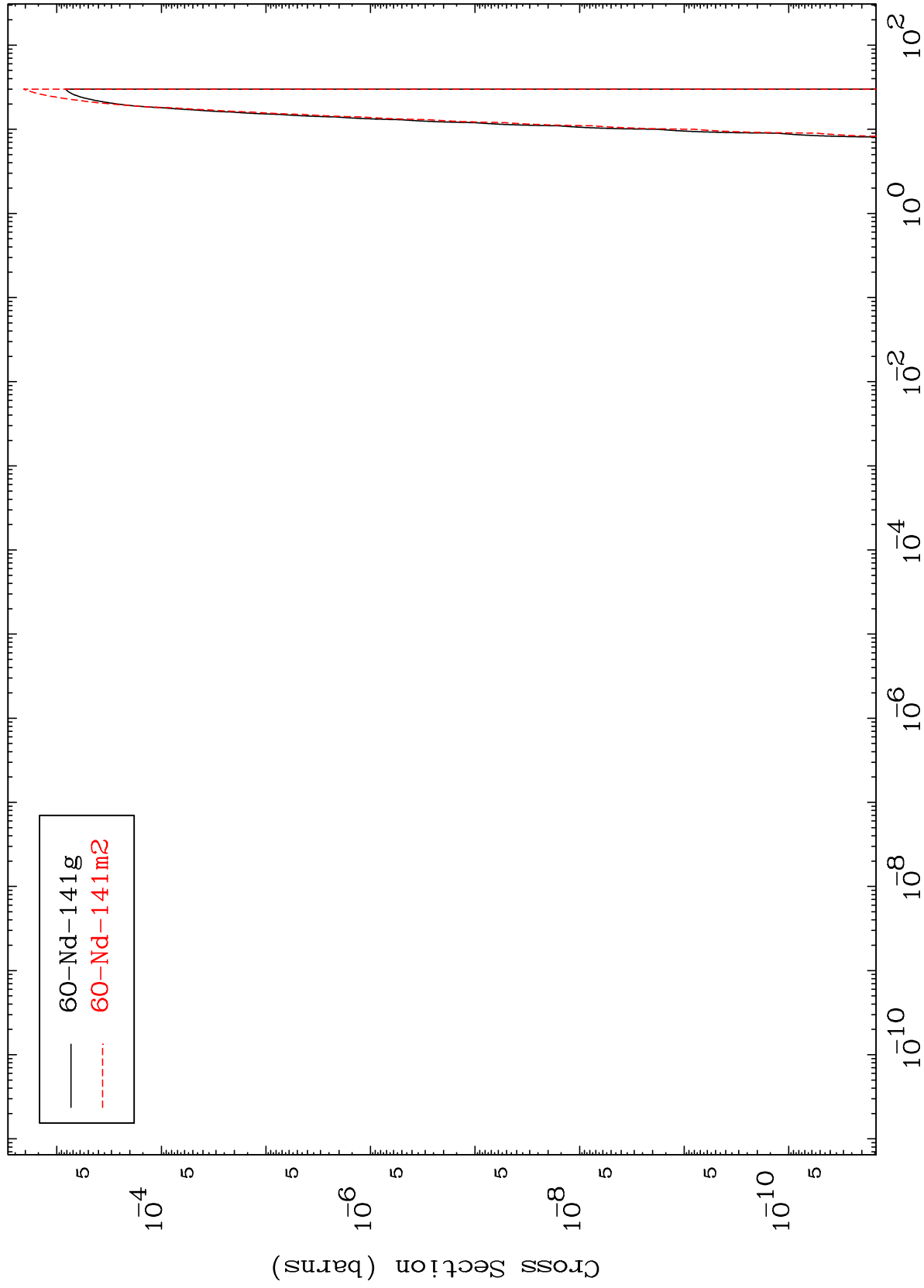
61-Pm-142

MAT 6134

(d, He-3)

61-Pm-142

Radionuclide Production Cross Section



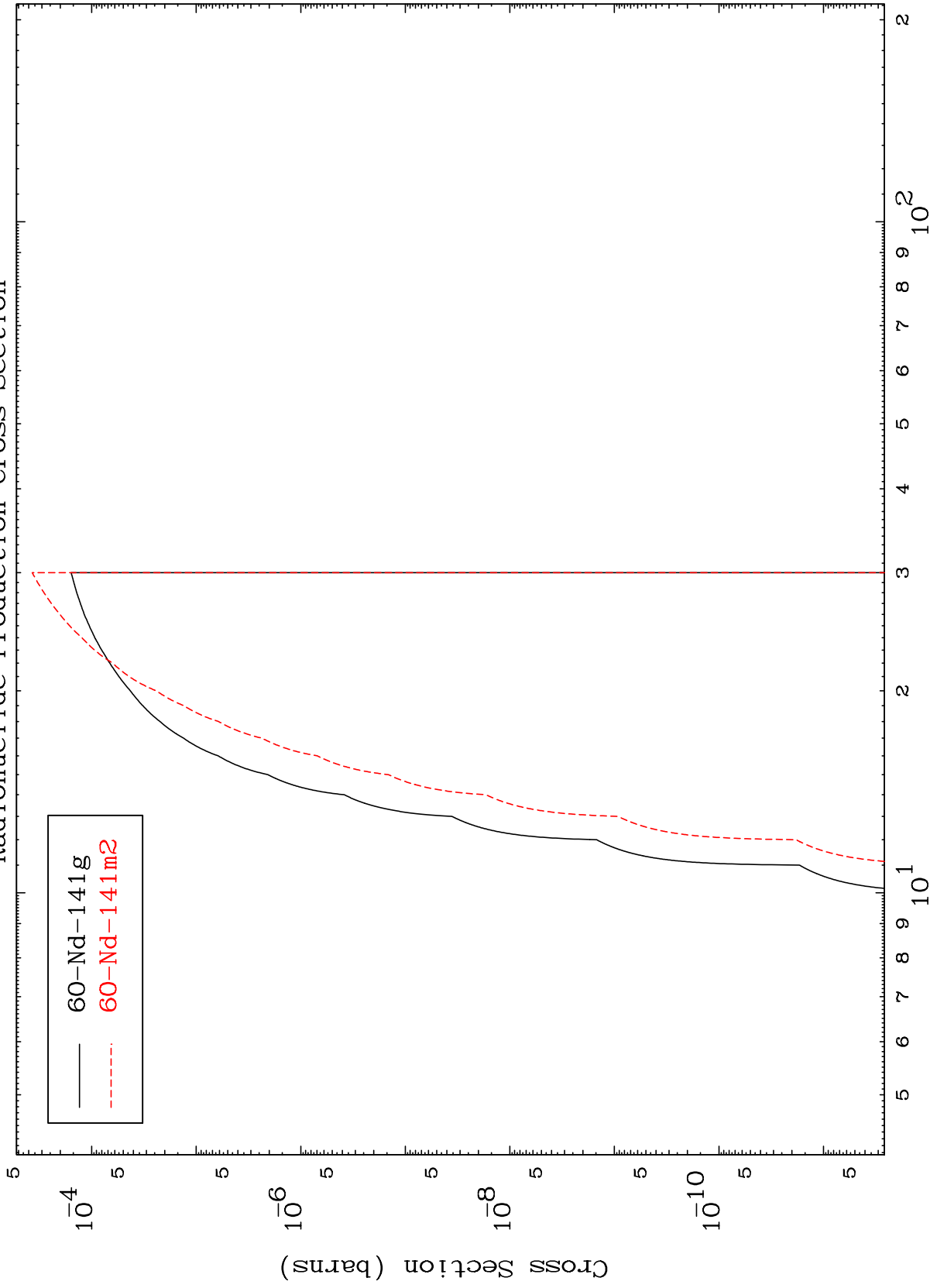
61-Pm-142

MAT 6134

(d,p) d

61-Pm-142

Radionuclide Production Cross Section



23

Incident Energy (MeV)

61-Pm-142

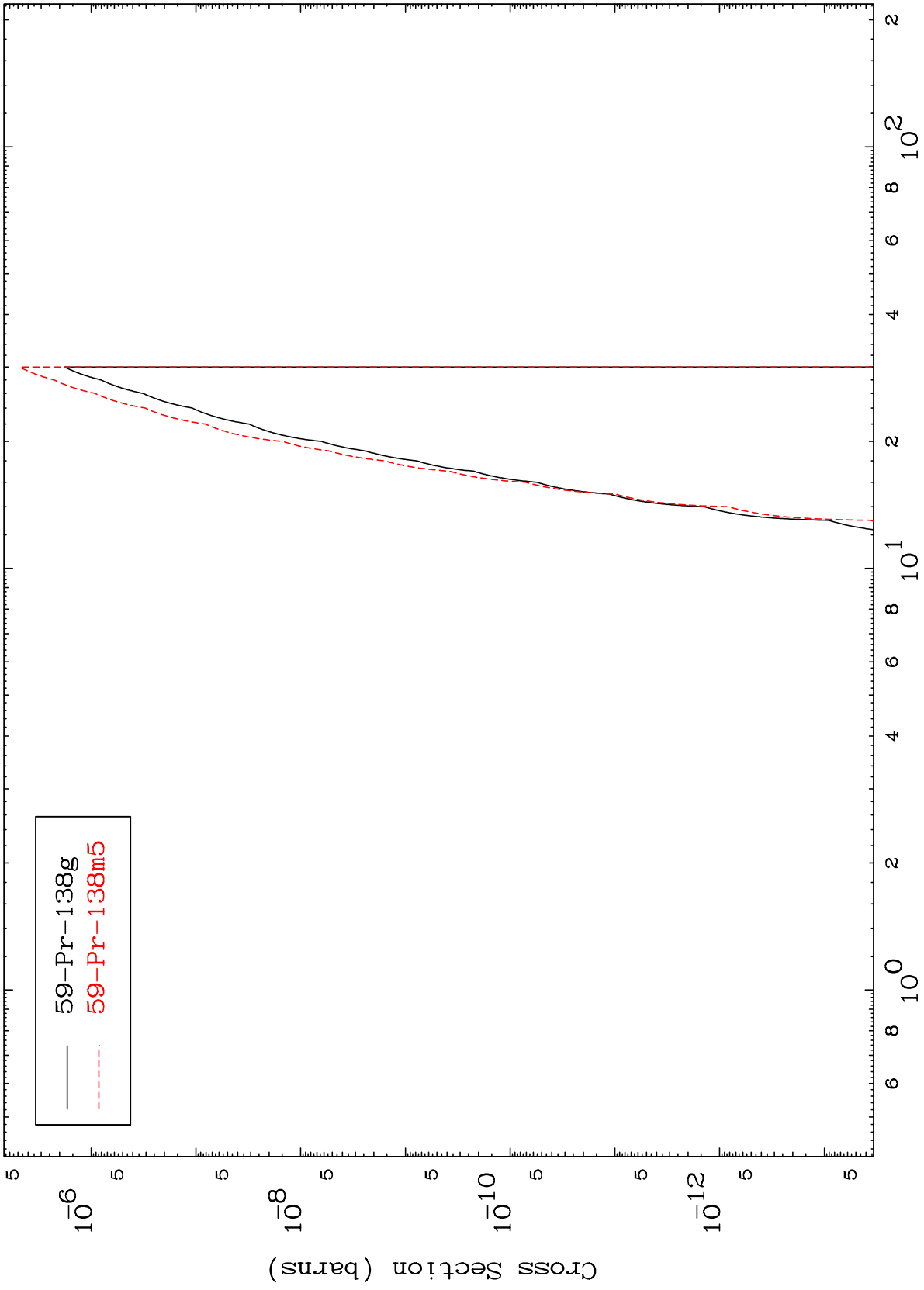


MAT 6134

(d,d)  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-142