

Program EVALPLOT
(Version 2018-1)

by

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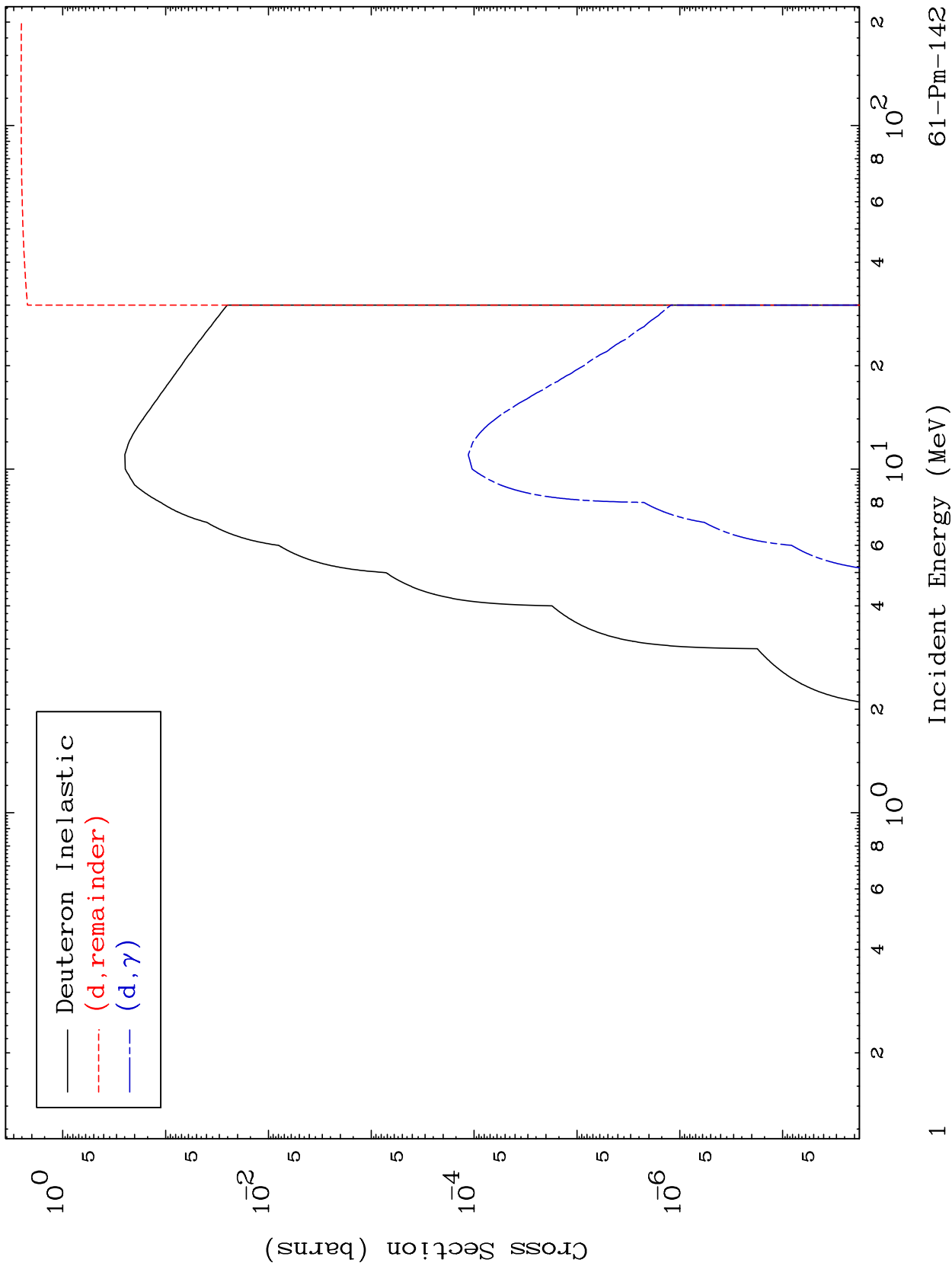
Web: redcullen1.net/HOMEPAGE.NEW

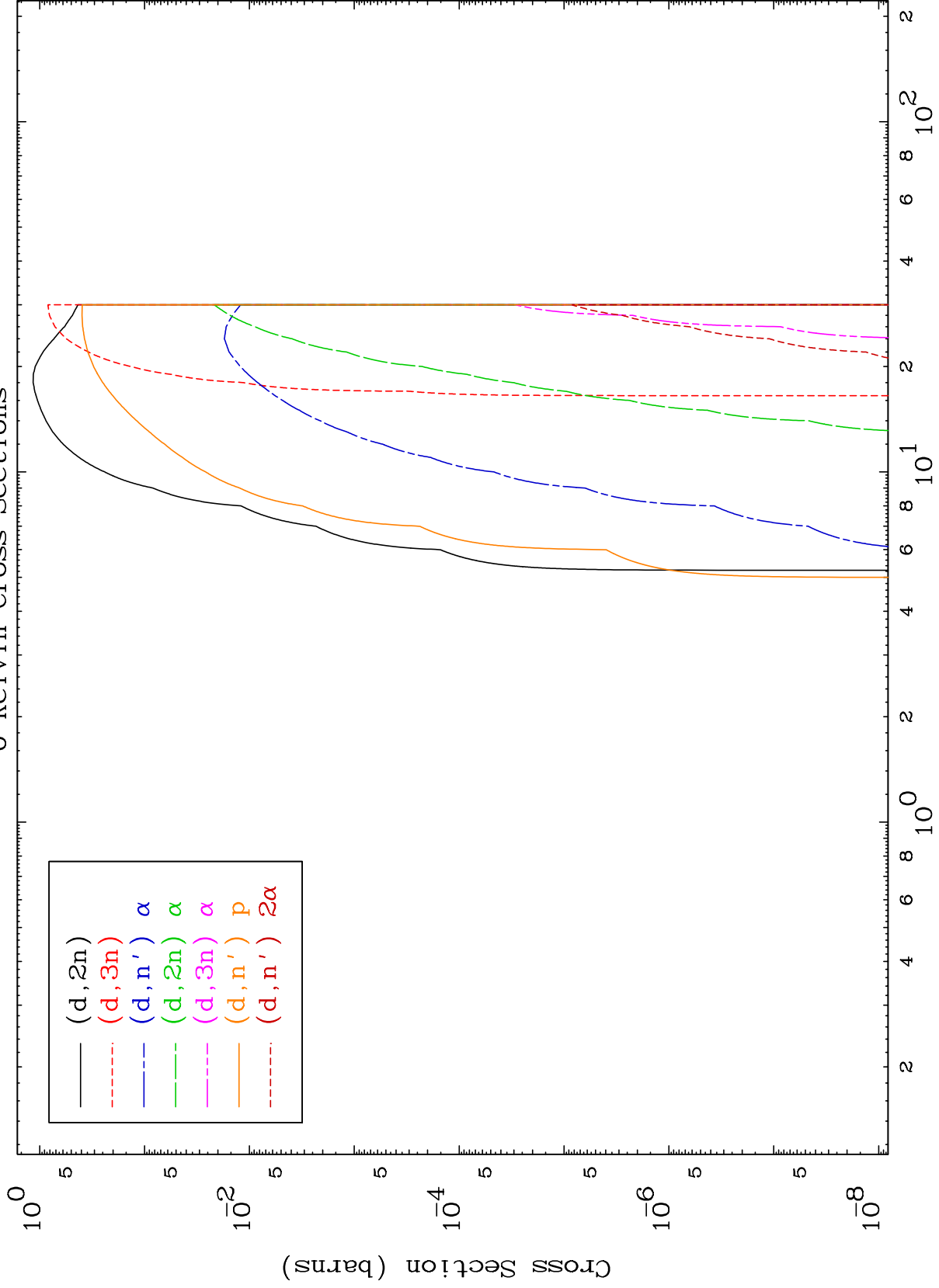
Press Mouse Button to Start

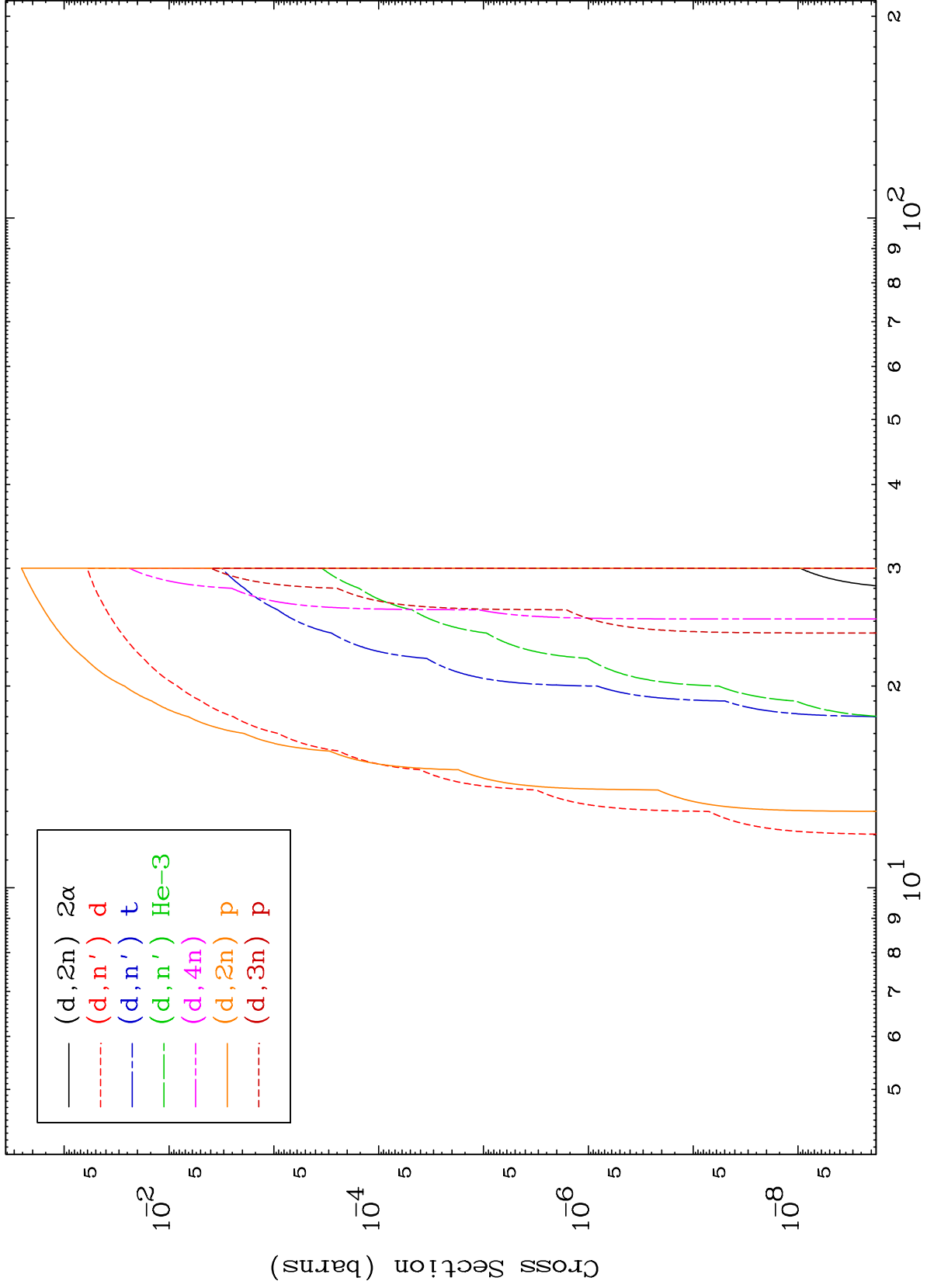
MAT 6134

Deuteron Major
0 Kelvin Cross Sections

61-Pm-142



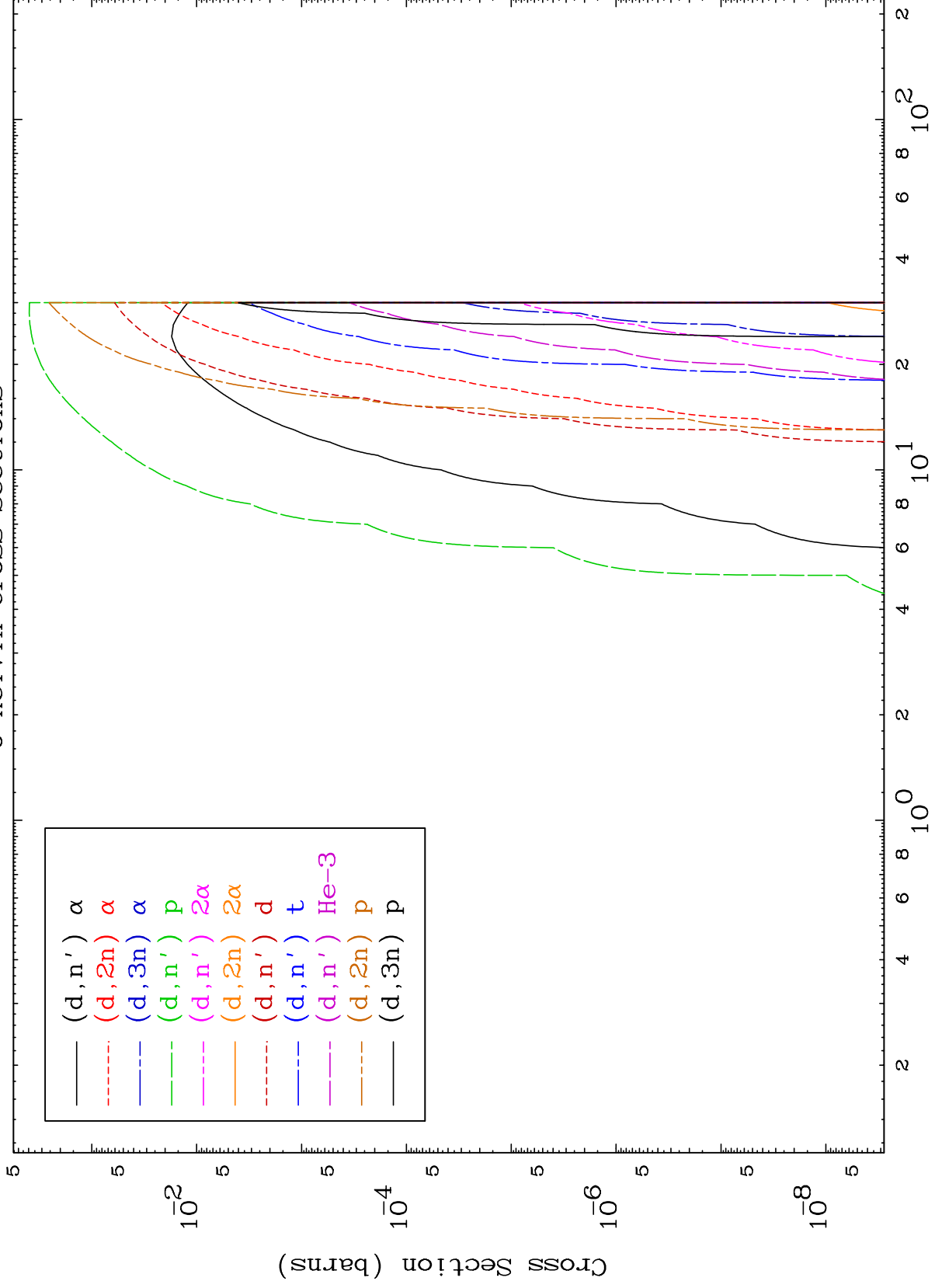


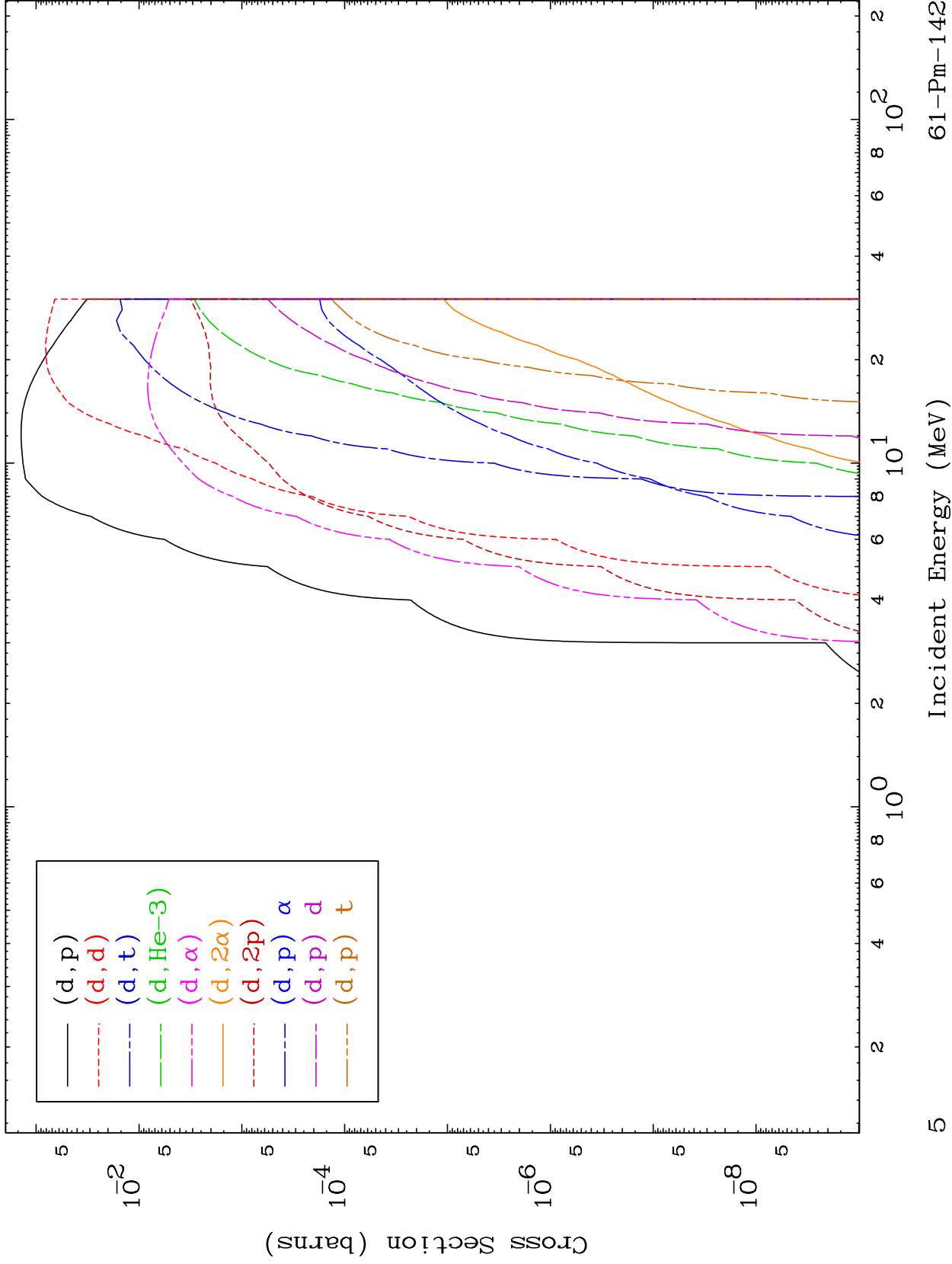


MAT 6134

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-142



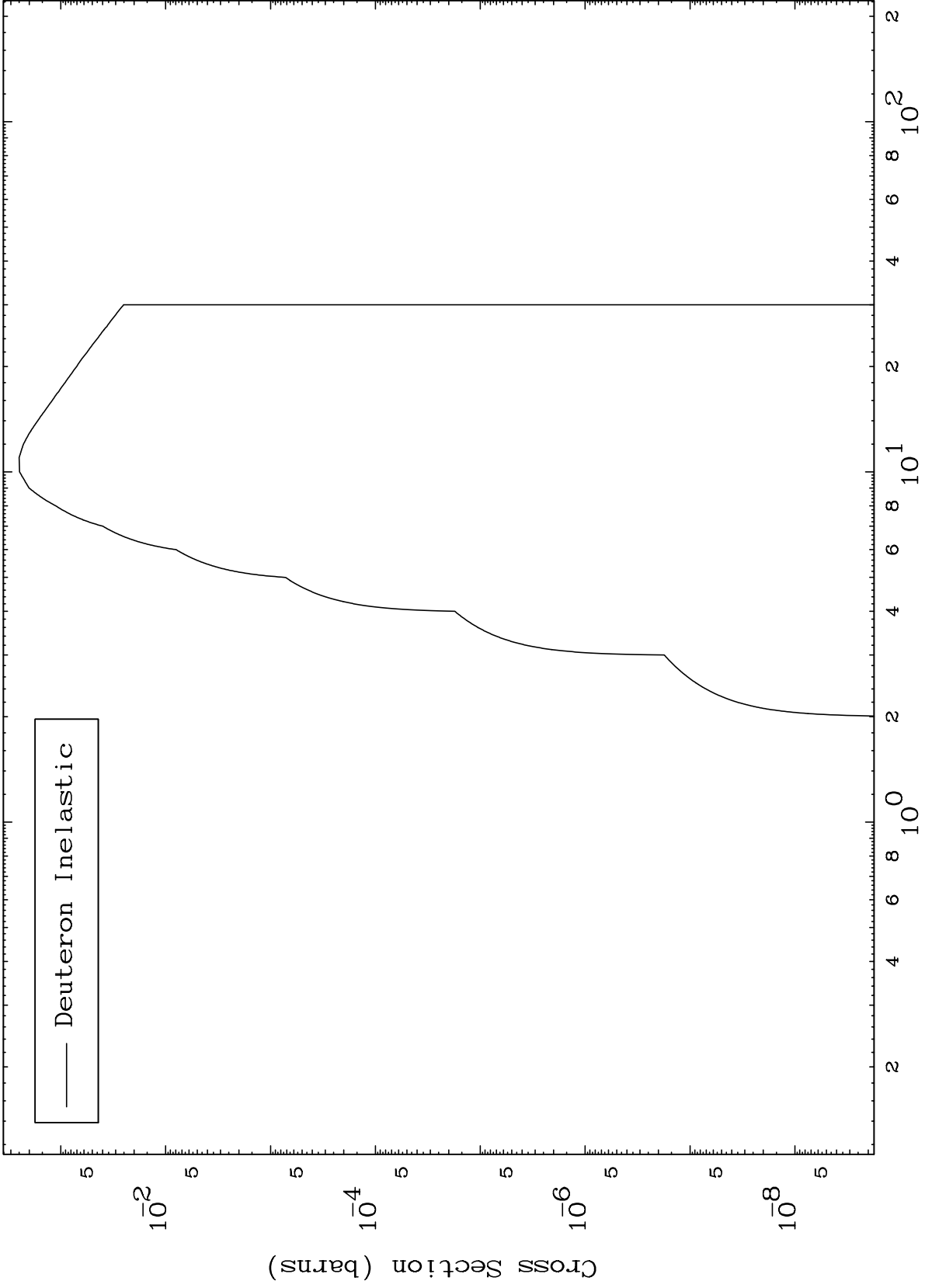


MAT 6134

(d,n') Level

61-Pm-142

0 Kelvin Cross Sections

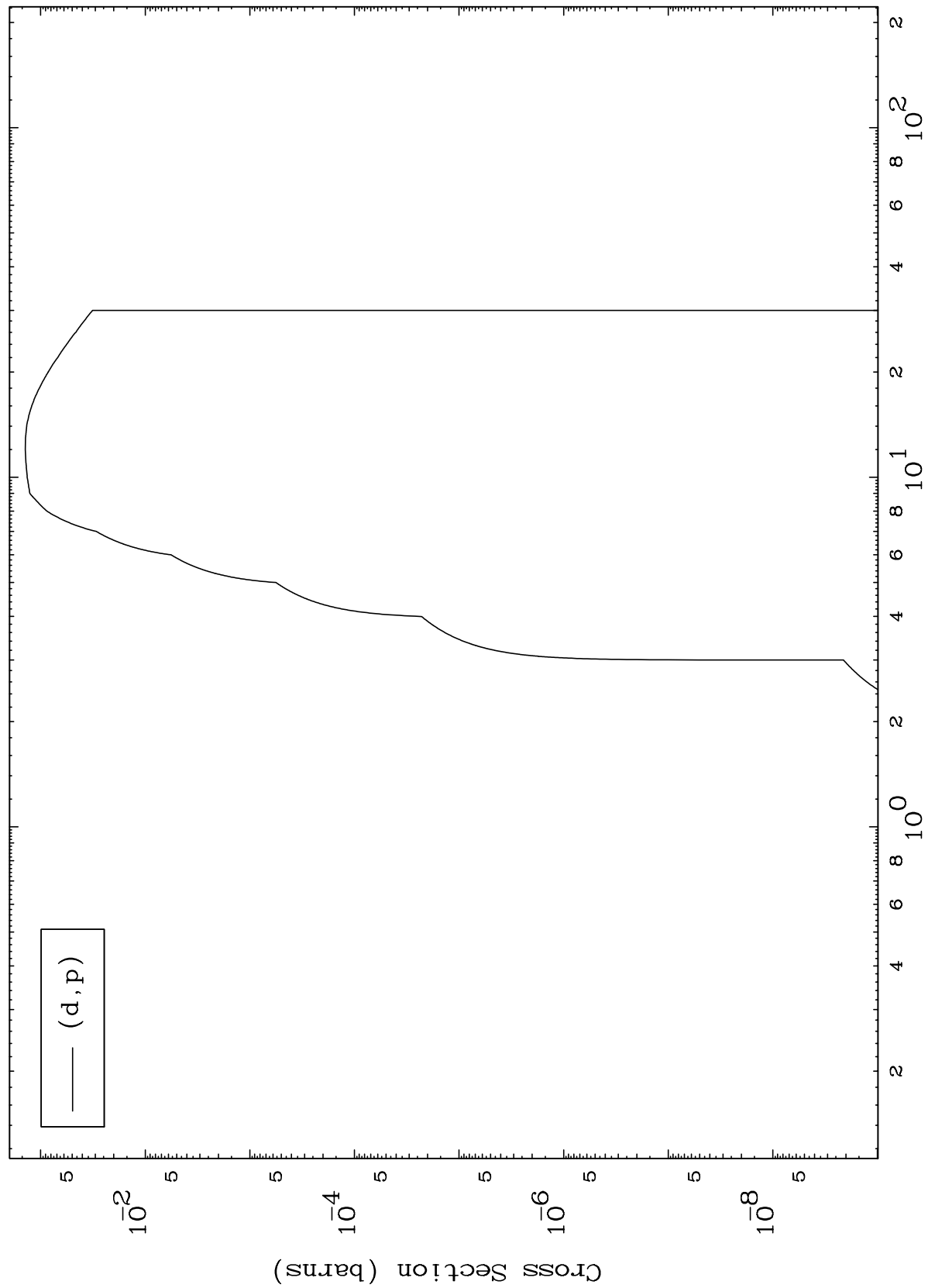


MAT 6134

(d,p) Levels

61-Pm-142

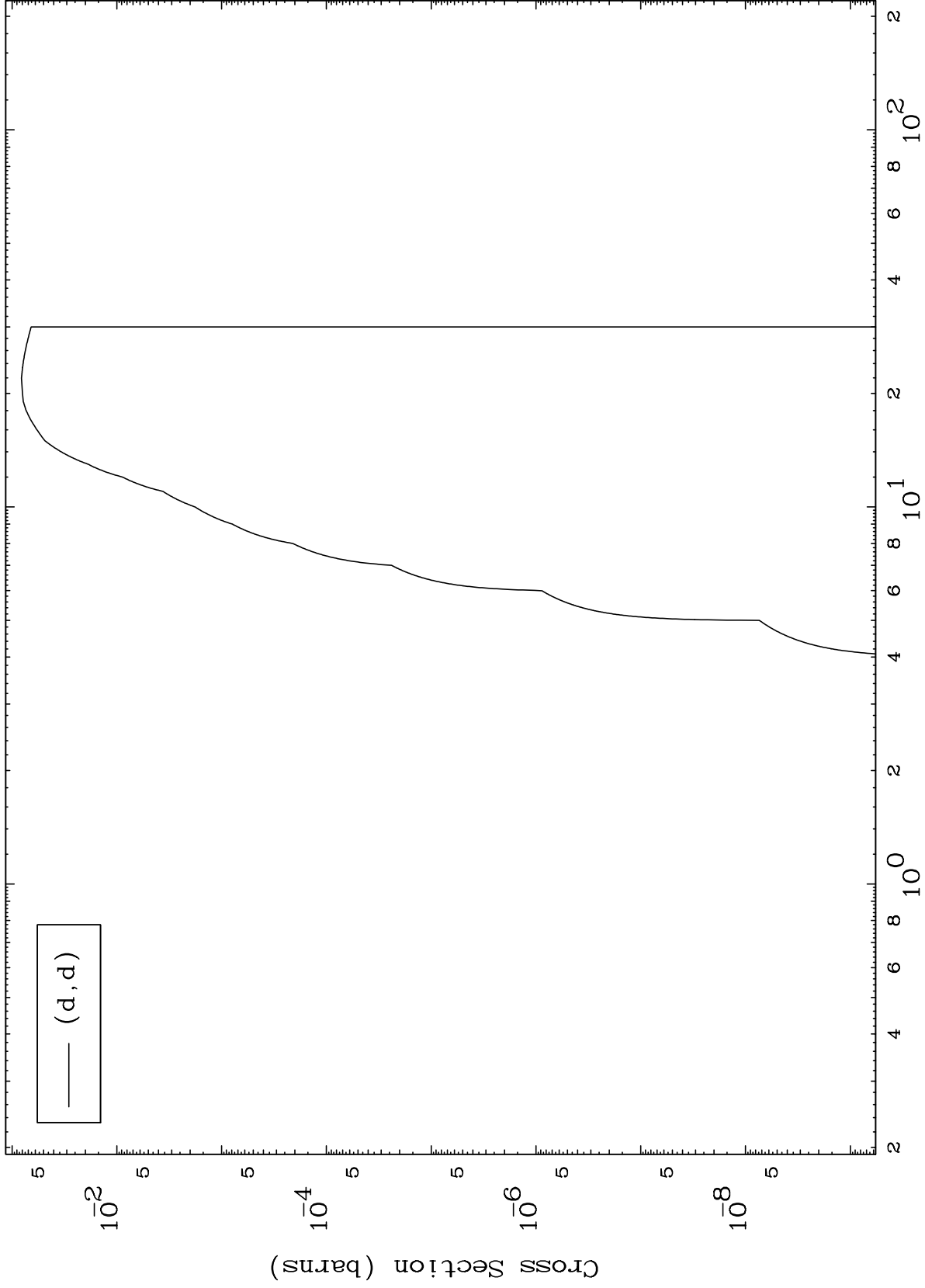
0 Kelvin Cross Sections



MAT 6134

(d,d) Levels
0 Kelvin Cross Sections

61-Pm-142



8

Incident Energy (MeV)

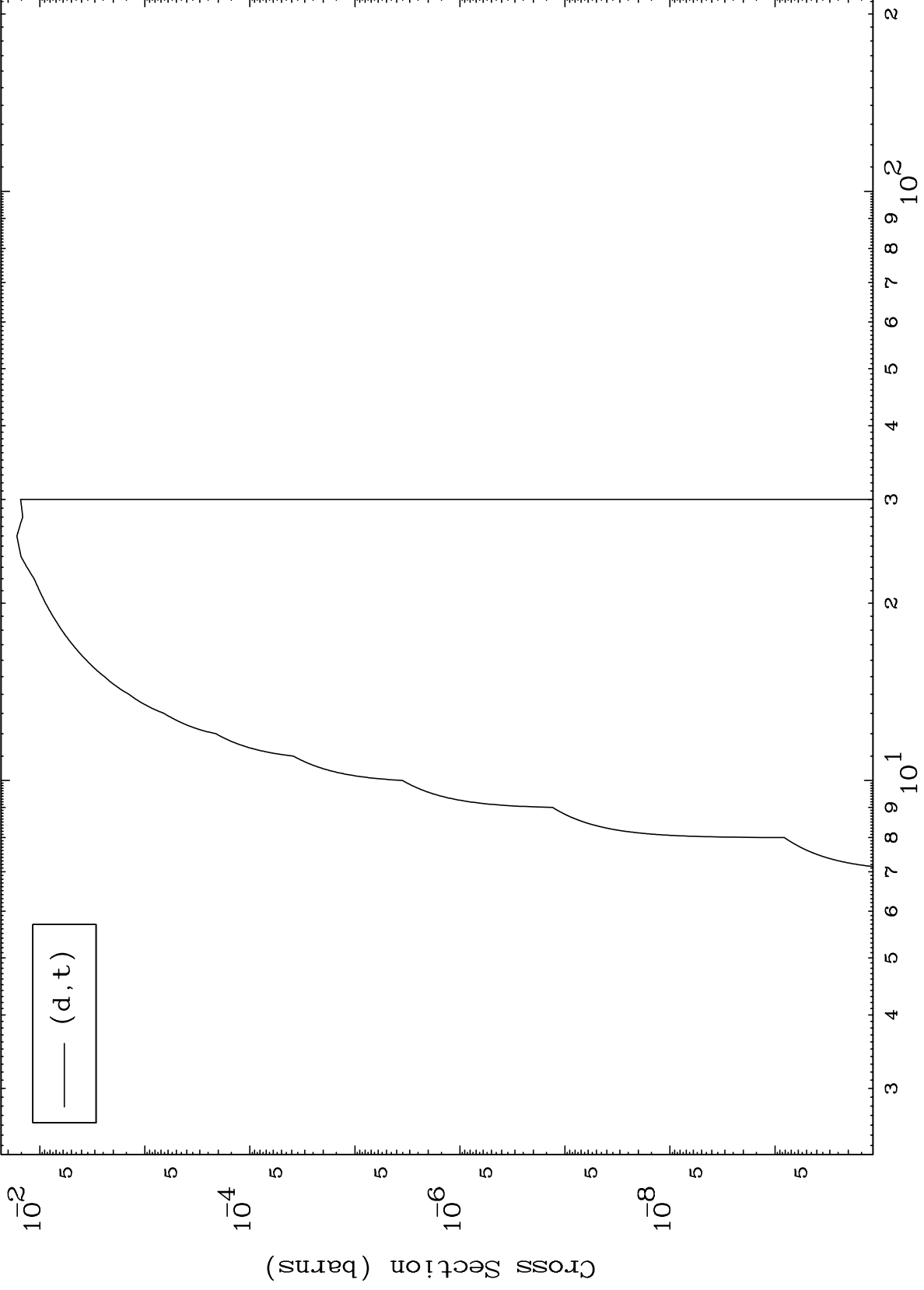
61-Pm-142

MAT 6134

(d,t) Levels

61-Pm-142

0 Kelvin Cross Sections

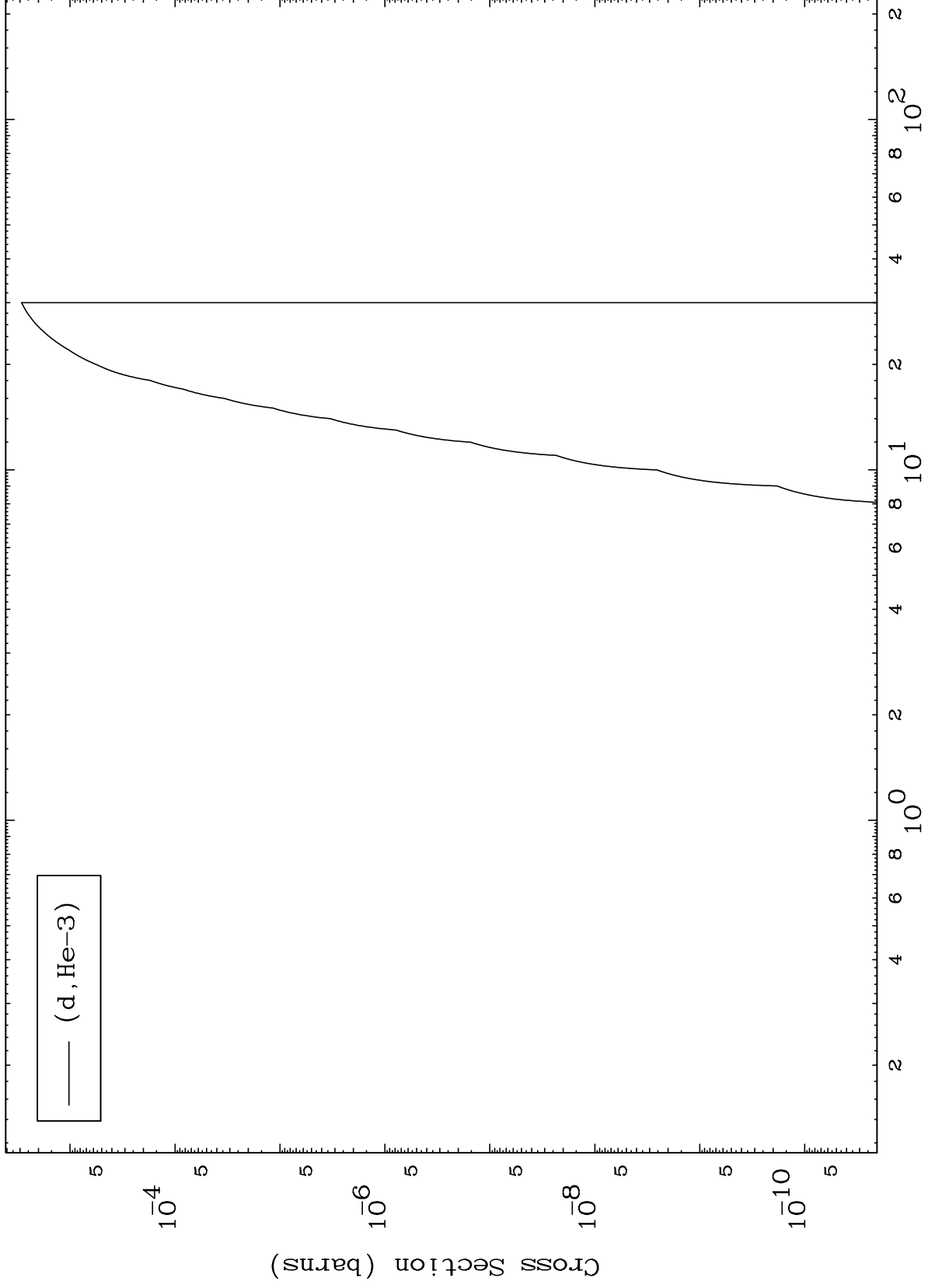


MAT 6134

(d,He3) Levels

61-Pm-142

0 Kelvin Cross Sections



10

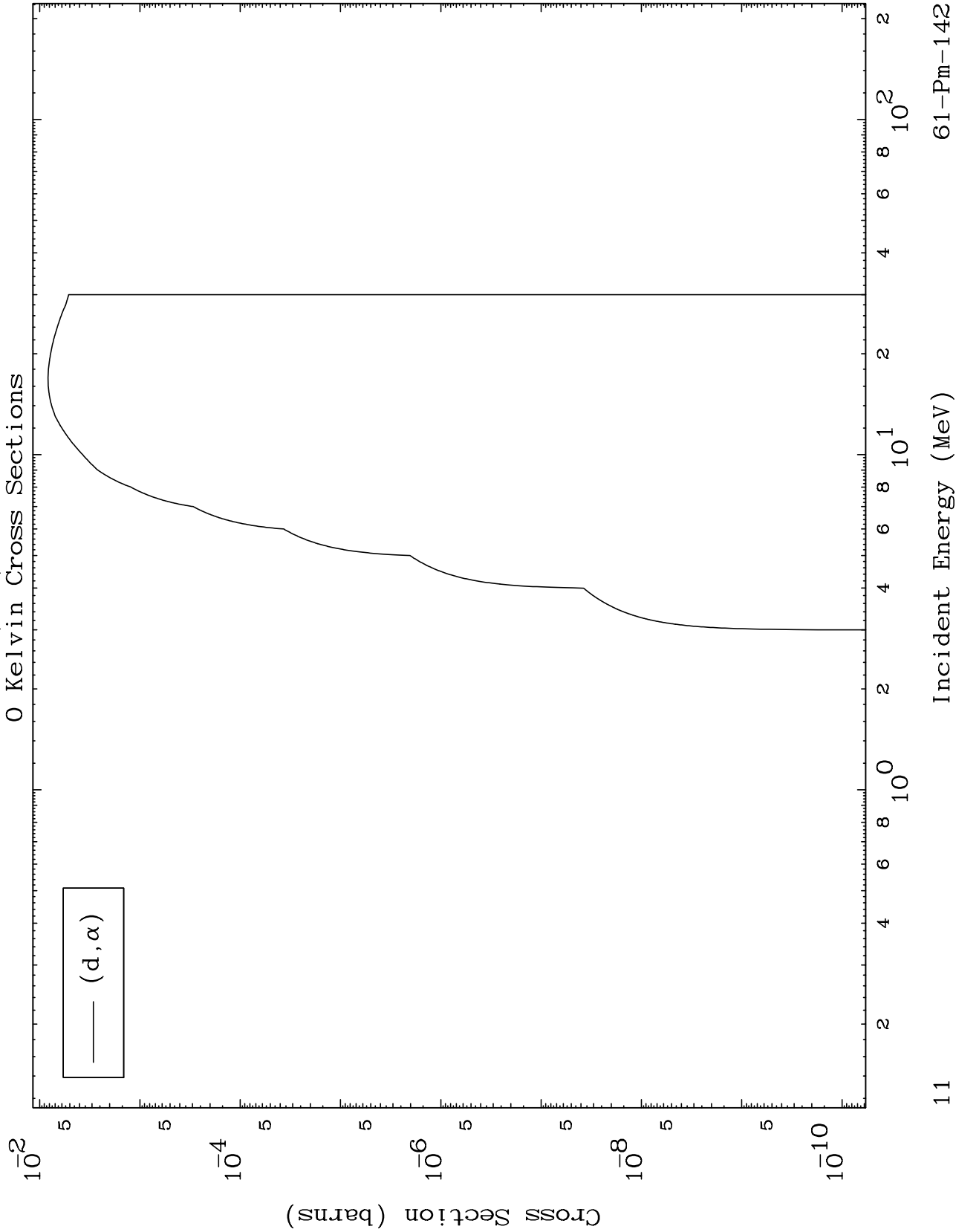
Incident Energy (MeV)

61-Pm-142

MAT 6134

(d, α) Levels

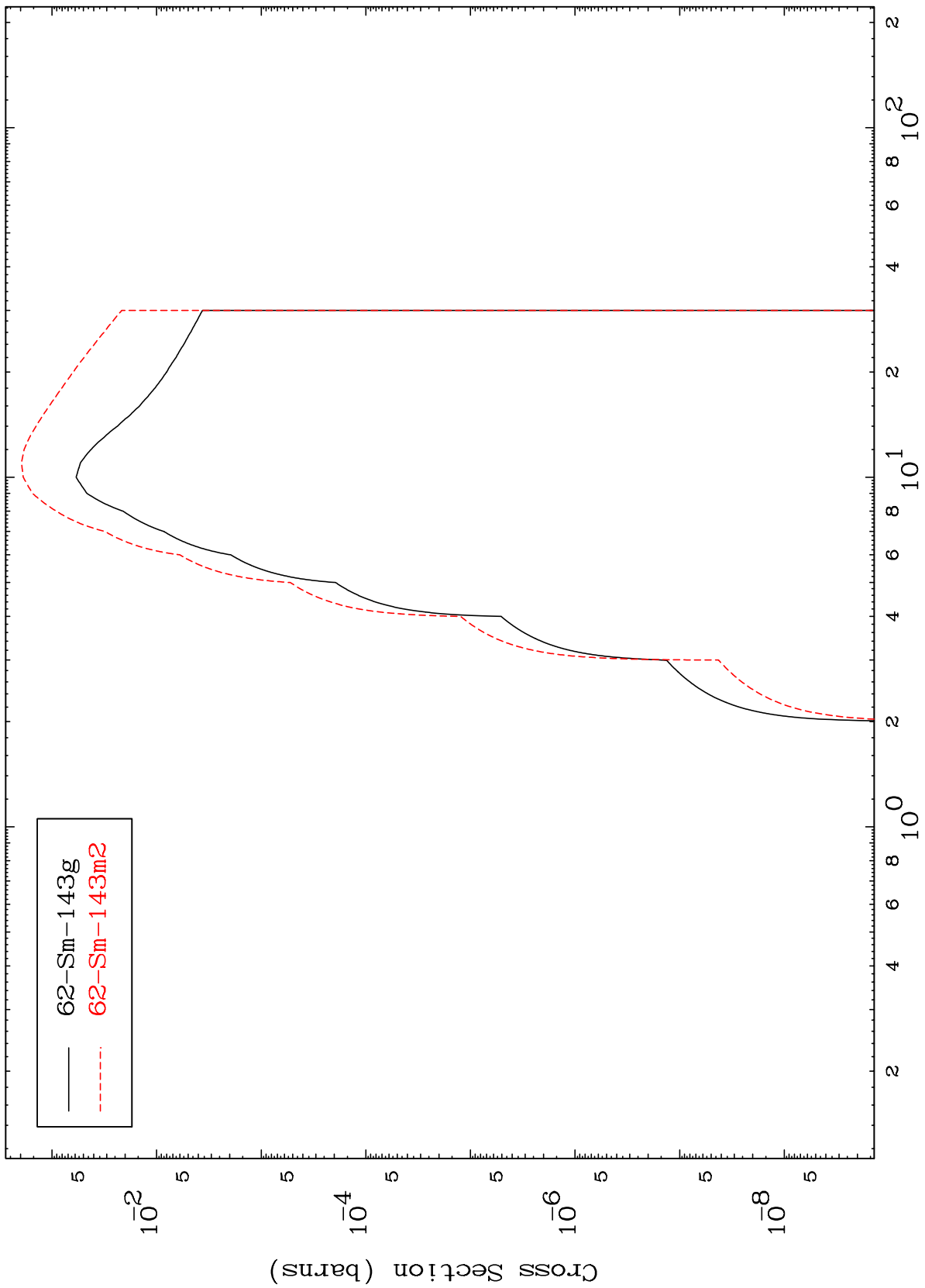
61-Pm-142



MAT 6134

61-Pm-142

Deuteron Inelastic
Radionuclide Production Cross Section



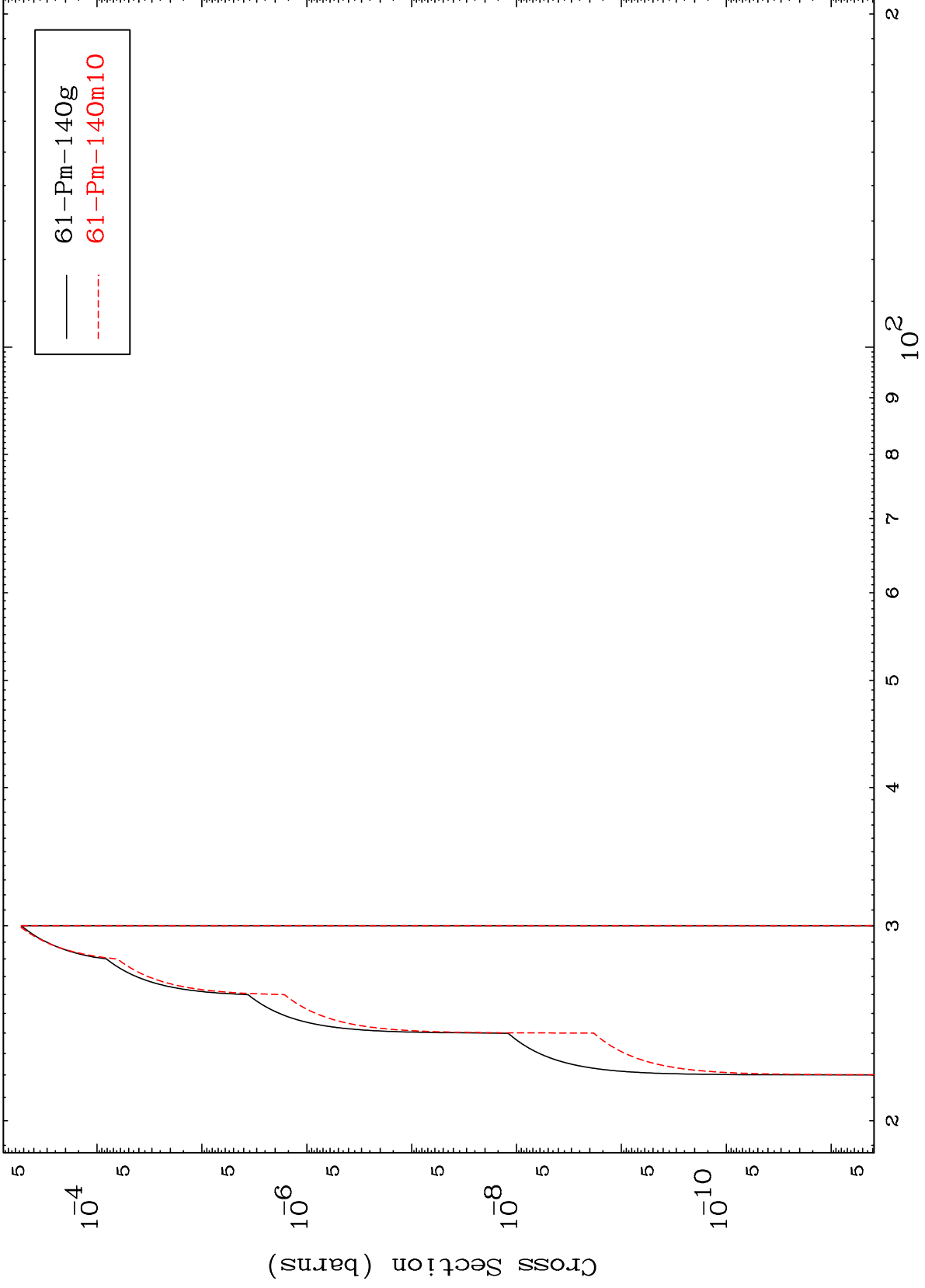
— 62-Sm-143g
- - - 62-Sm-143m2

MAT 6134

(d,2n) d

61-Pm-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

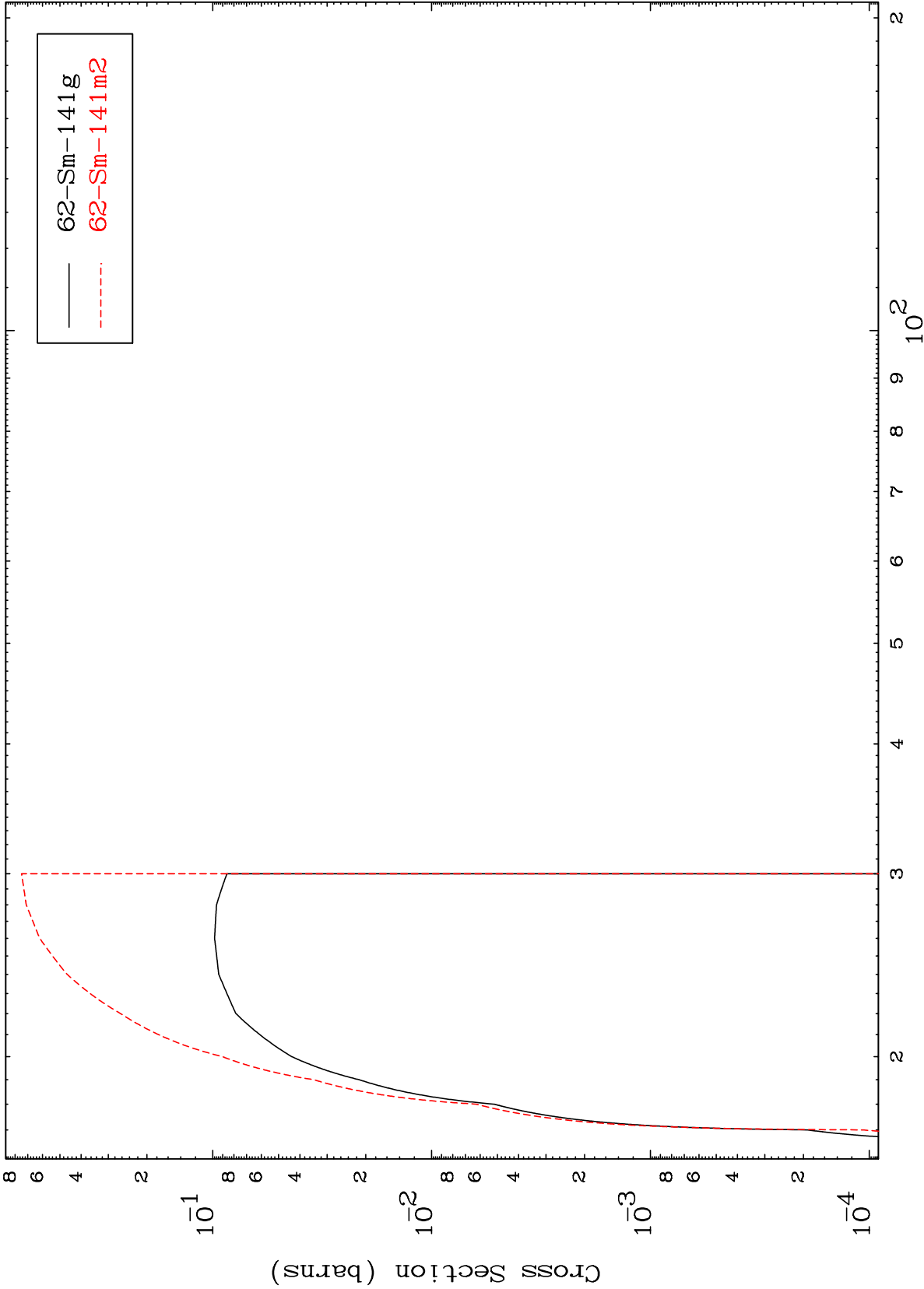
61-Pm-142

MAT 6134

(d,3n)

61-Pm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

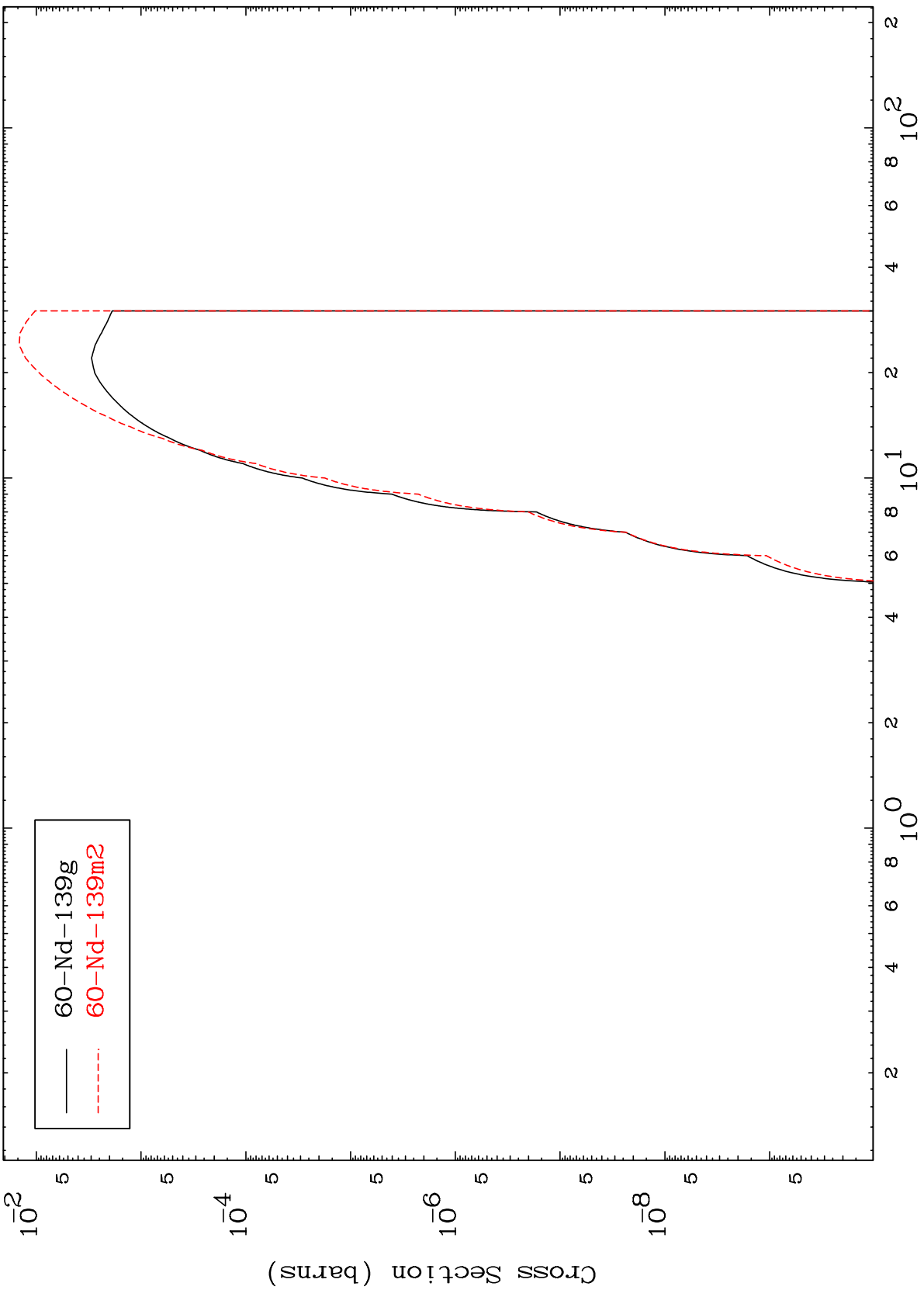
61-Pm-142

MAT 6134

(d,n') α

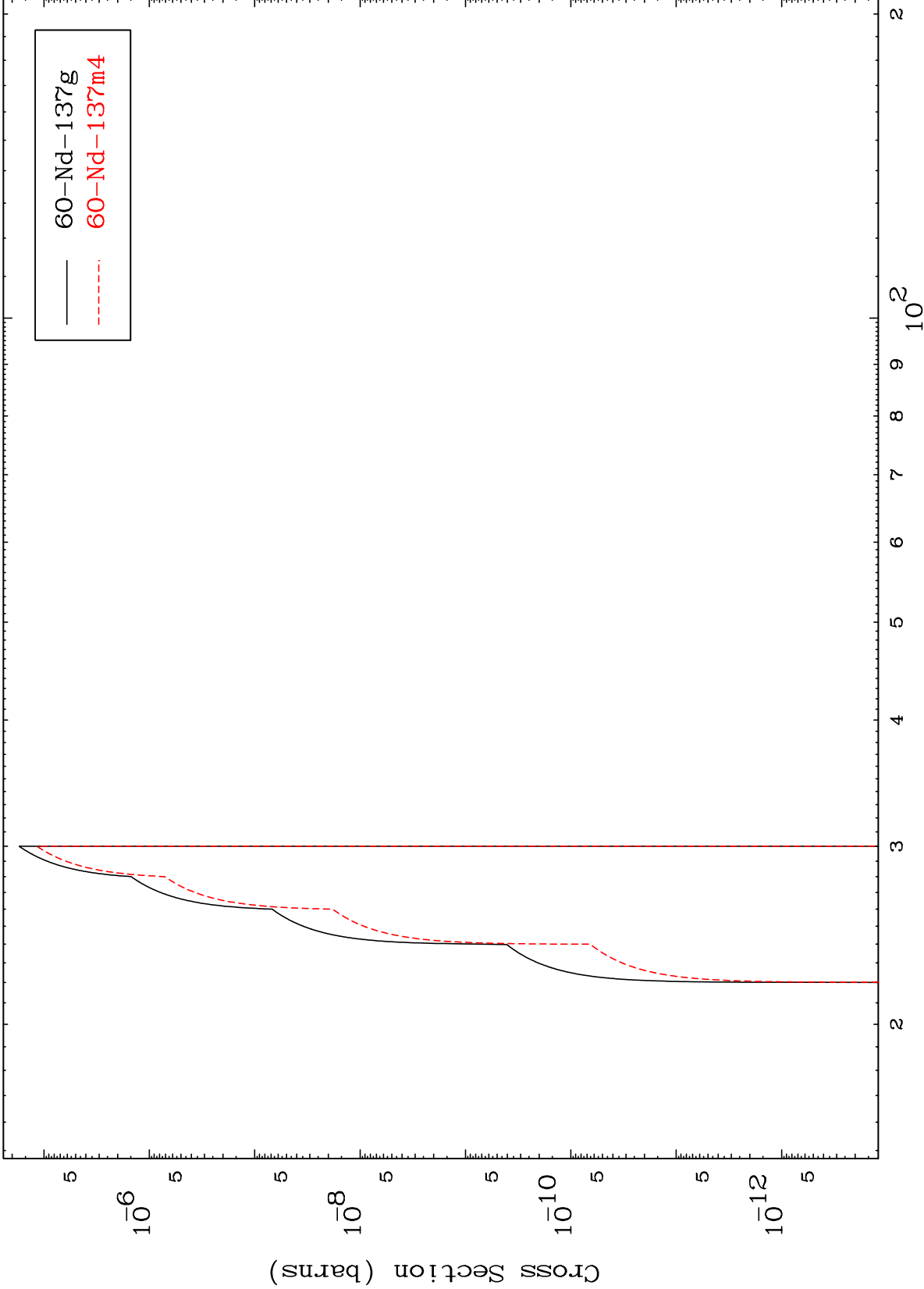
61-Pm-142

Radionuclide Production Cross Section



— 60-Nd-139g
- - - 60-Nd-139m2

Radionuclide Production Cross Section

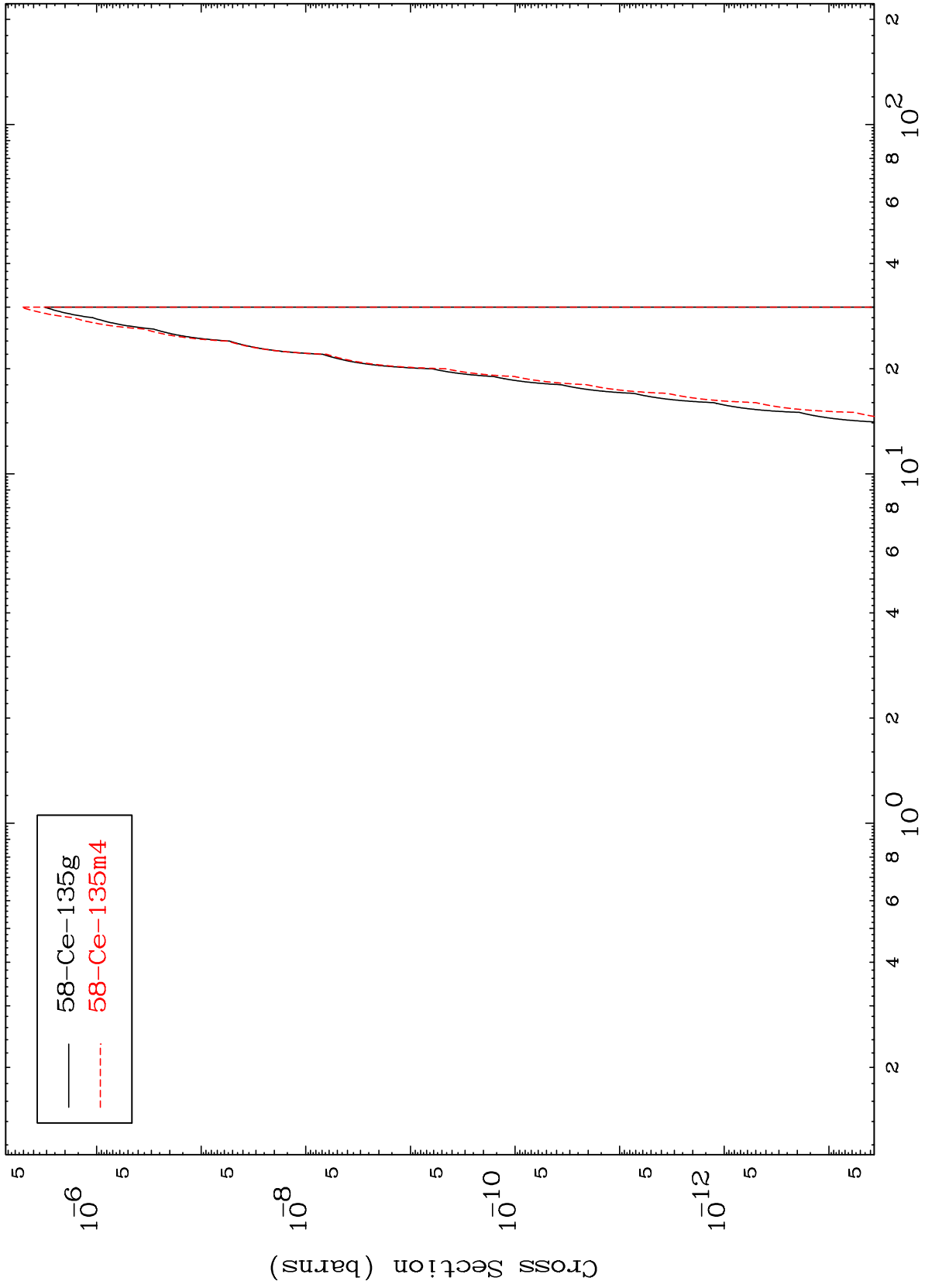


MAT 6134

(d,n') 2 α

61-Pm-142

Radionuclide Production Cross Section

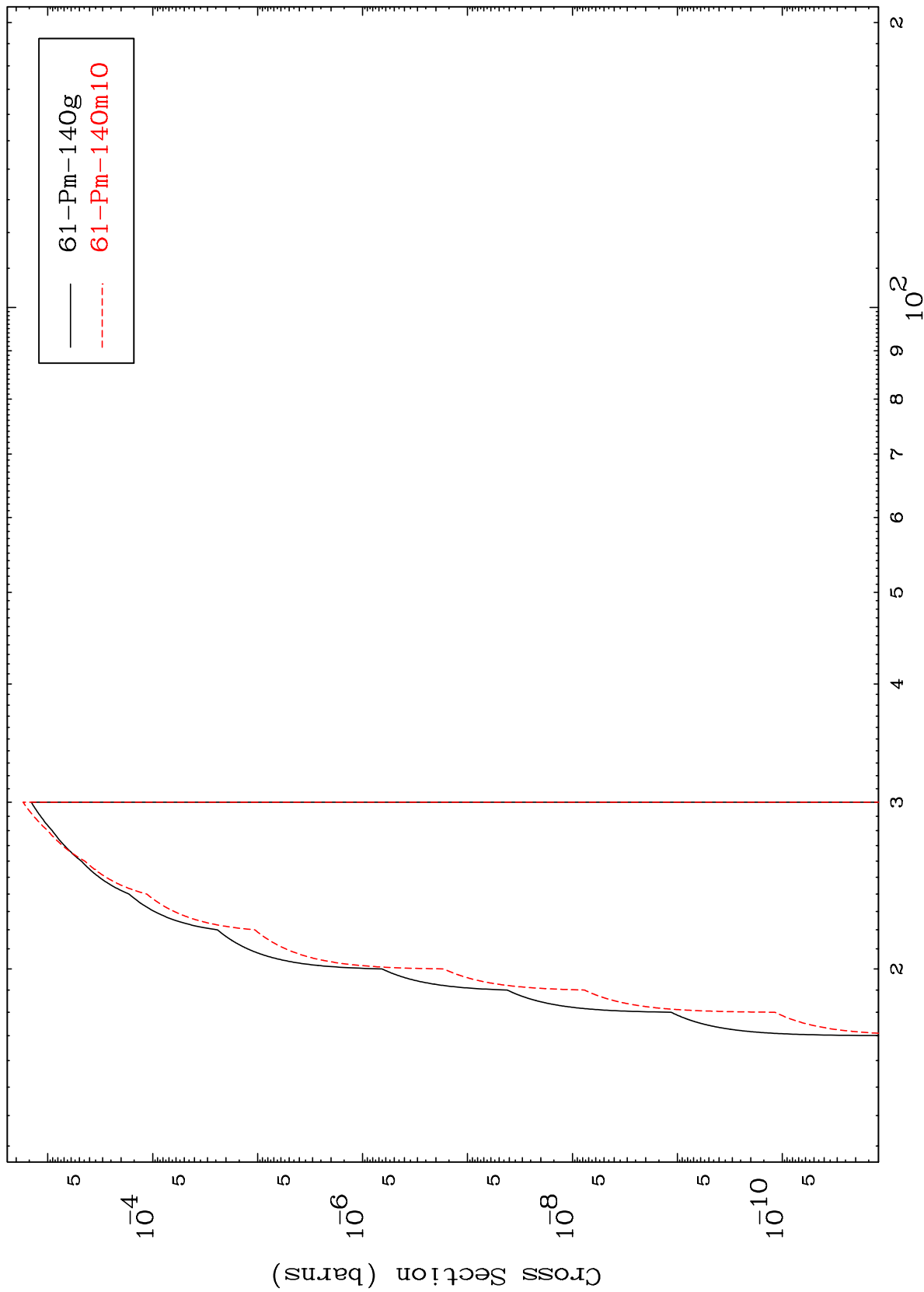


MAT 6134

(d,n') t

61-Pm-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

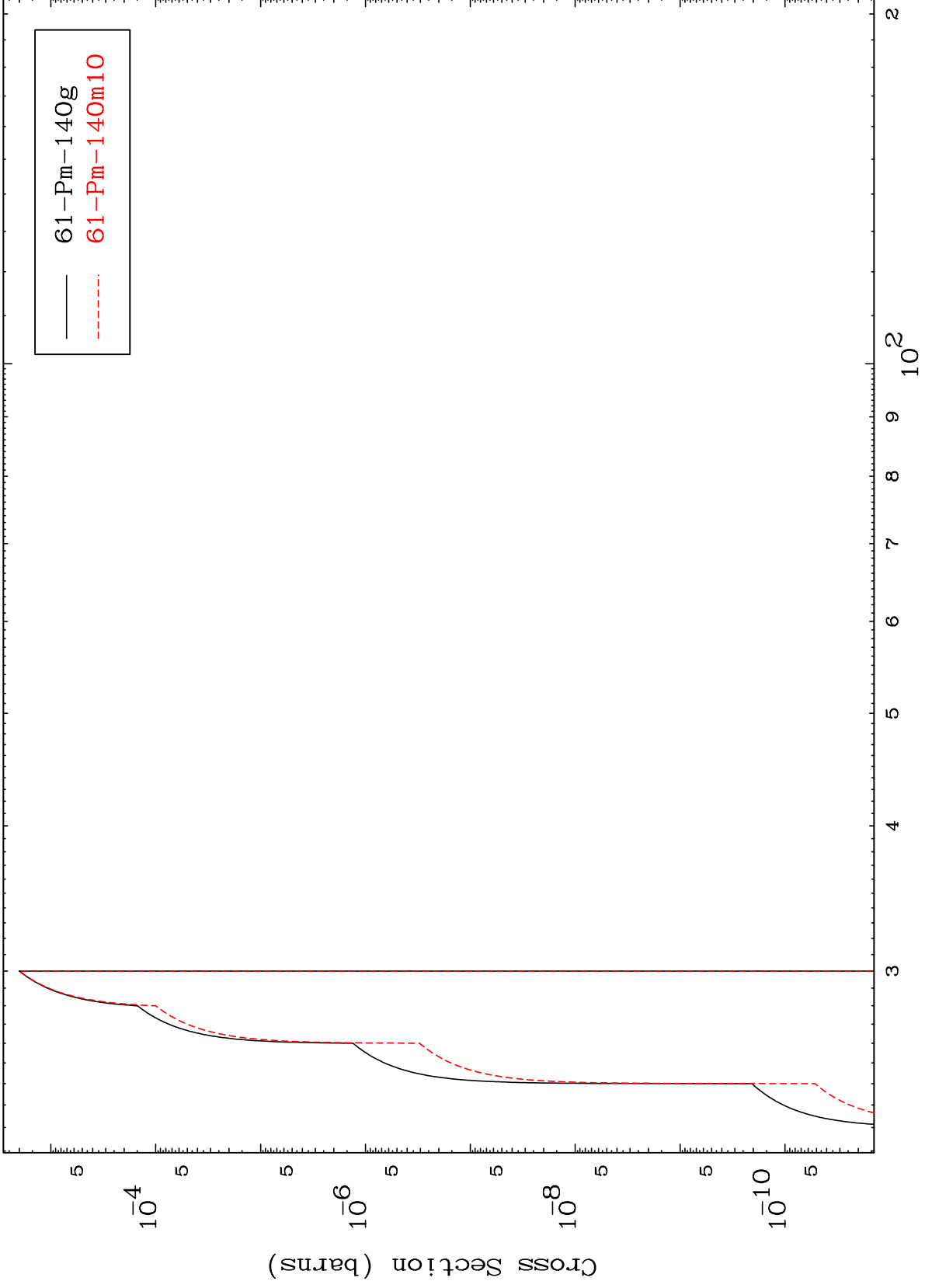
61-Pm-142

MAT 6134

(d,3n) p

61-Pm-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

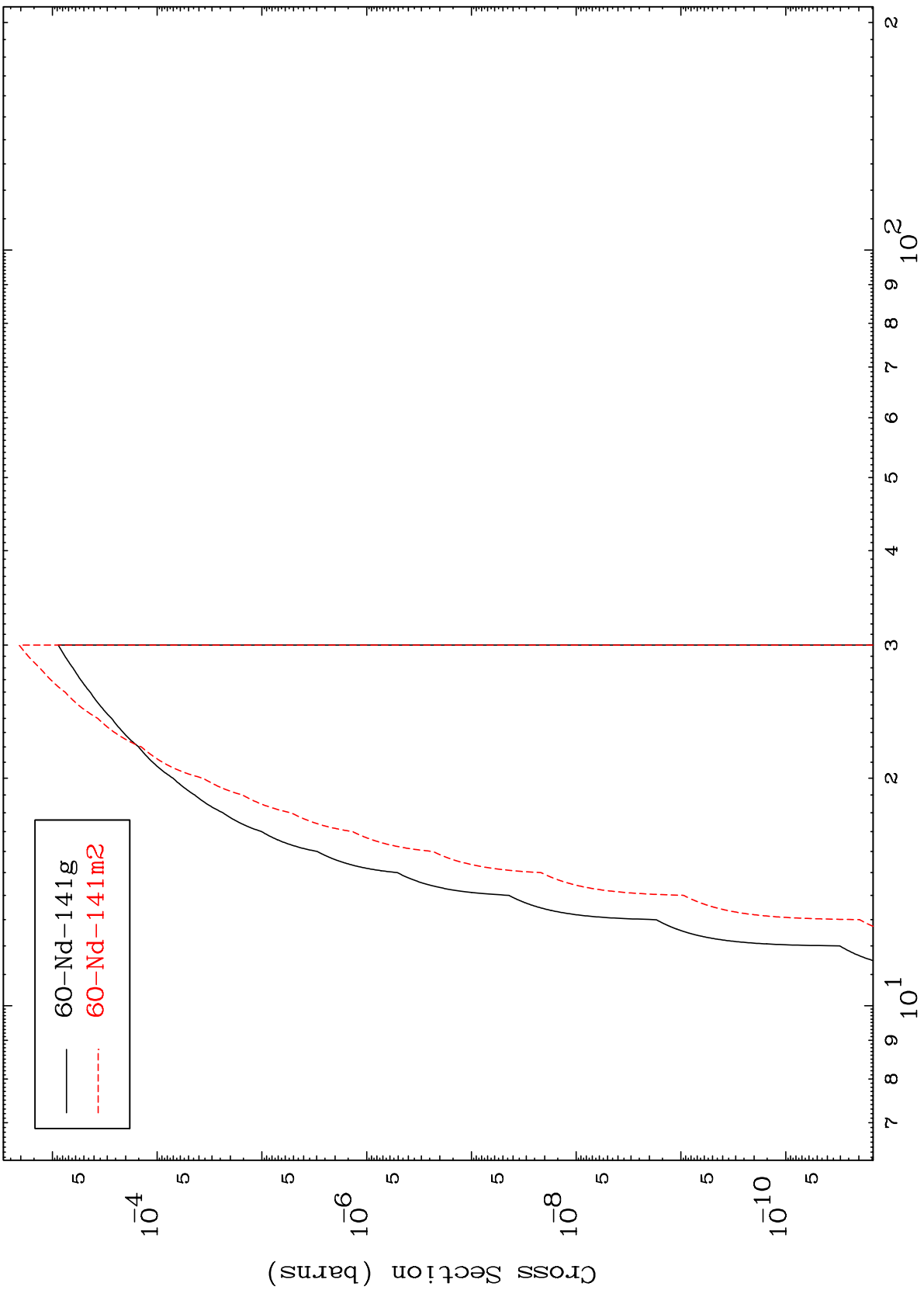
61-Pm-142

MAT 6134

(d,2n) p

61-Pm-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

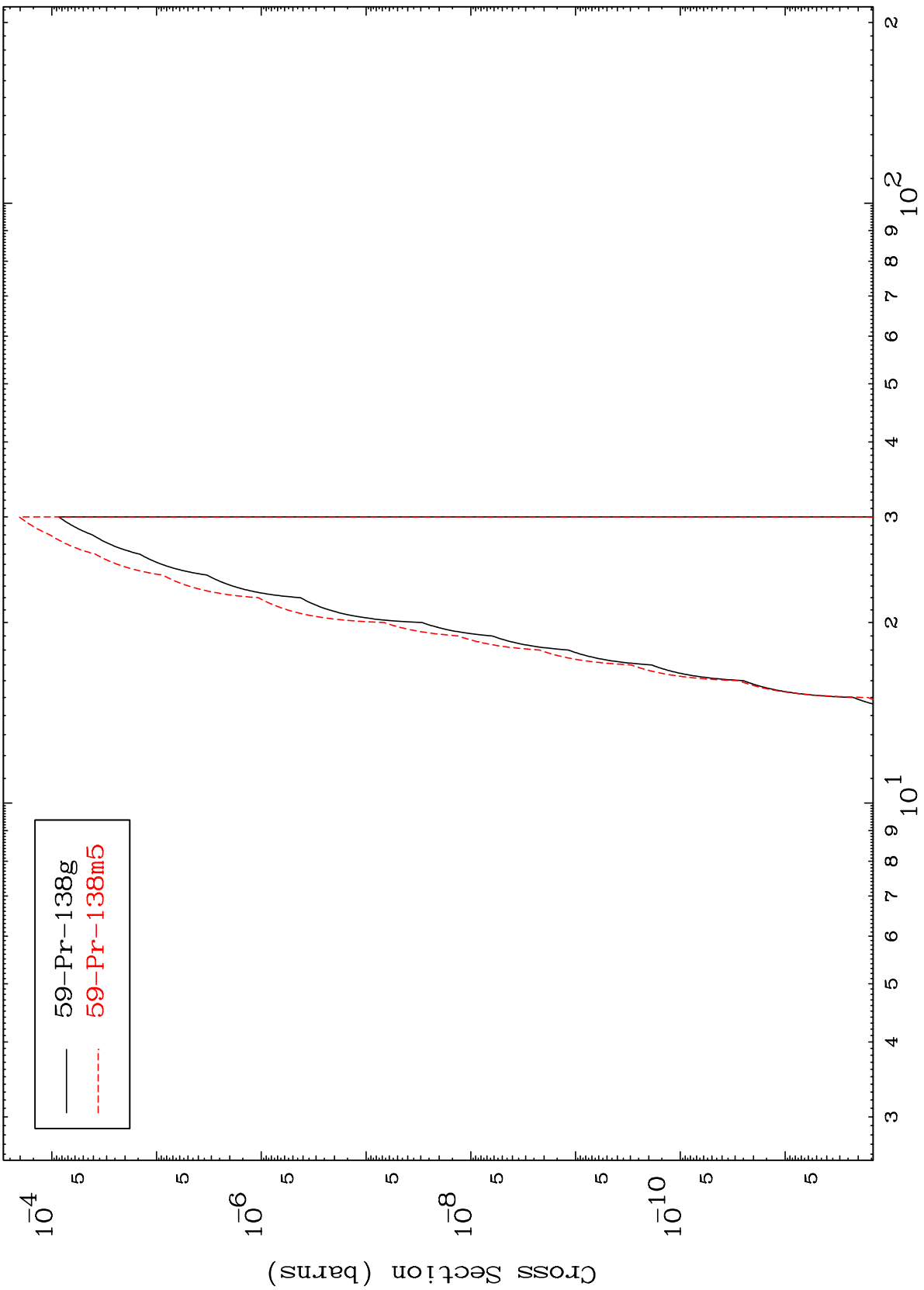
61-Pm-142

MAT 6134

(d,n') p α

61-Pm-142

Radionuclide Production Cross Section



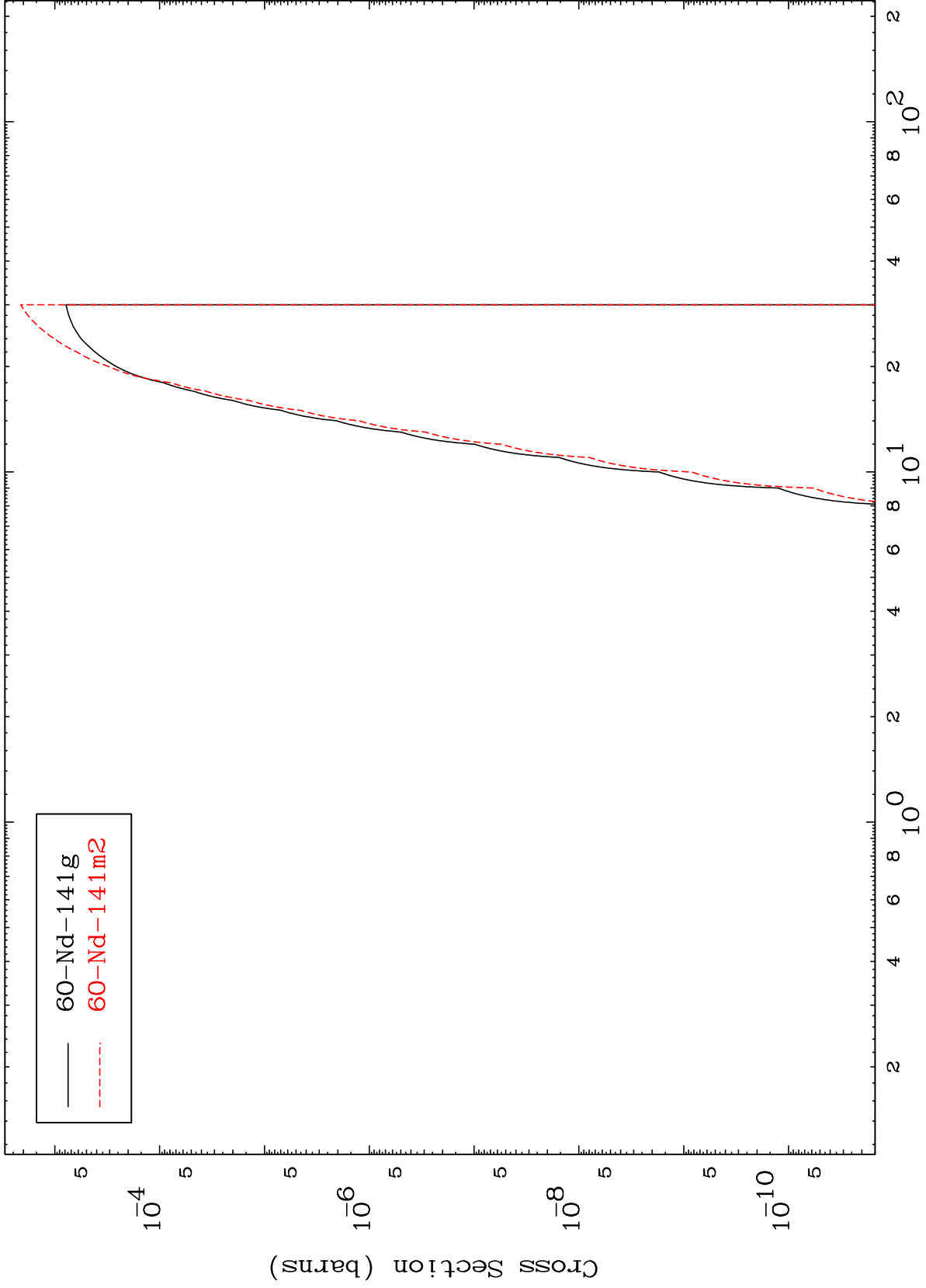
59-Pr-138g
59-Pr-138m5

MAT 6134

(d,He-3)

61-Pm-142

Radionuclide Production Cross Section



22

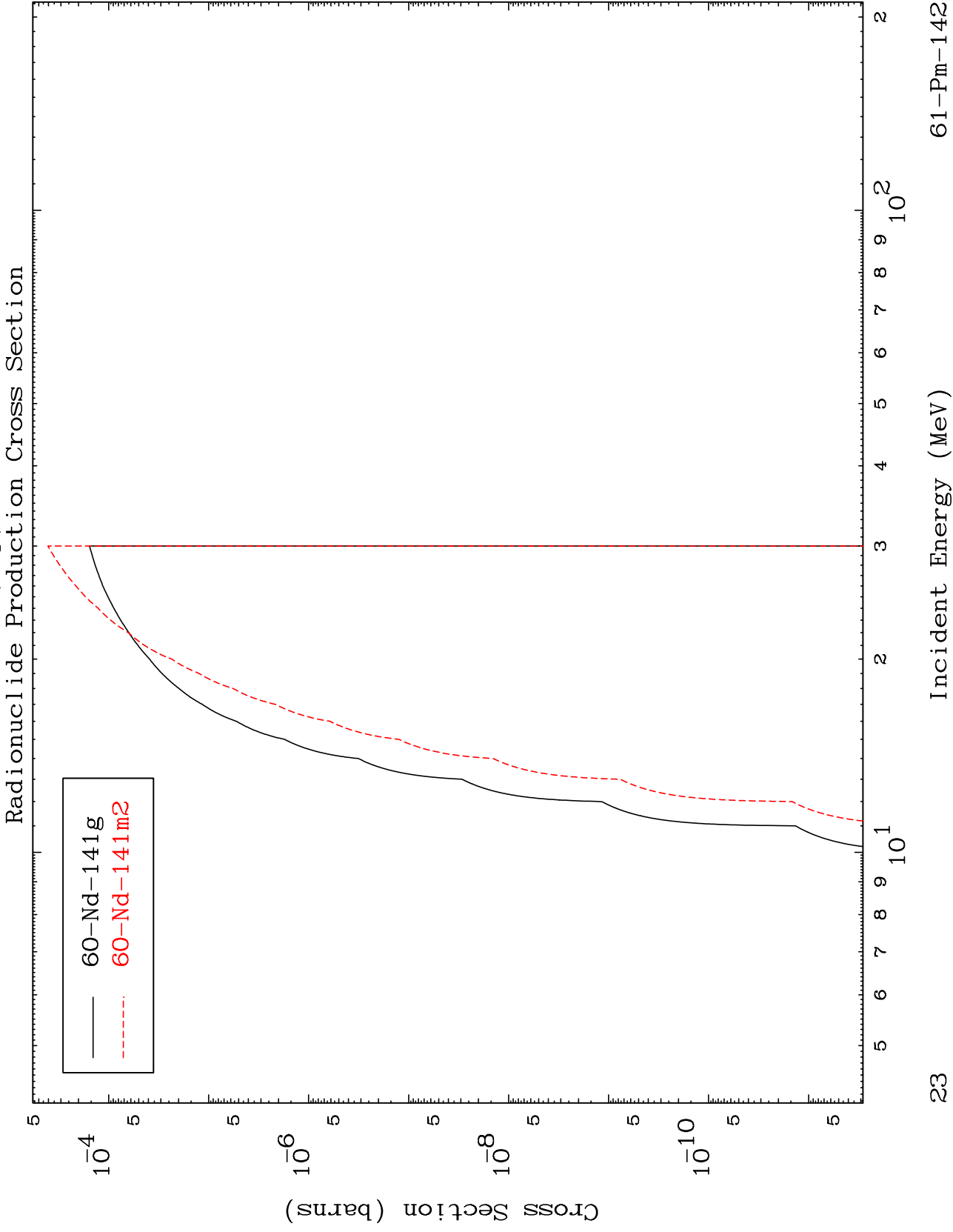
Incident Energy (MeV)

61-Pm-142

MAT 6134

(d,p) d

61-Pm-142



23

Incident Energy (MeV)

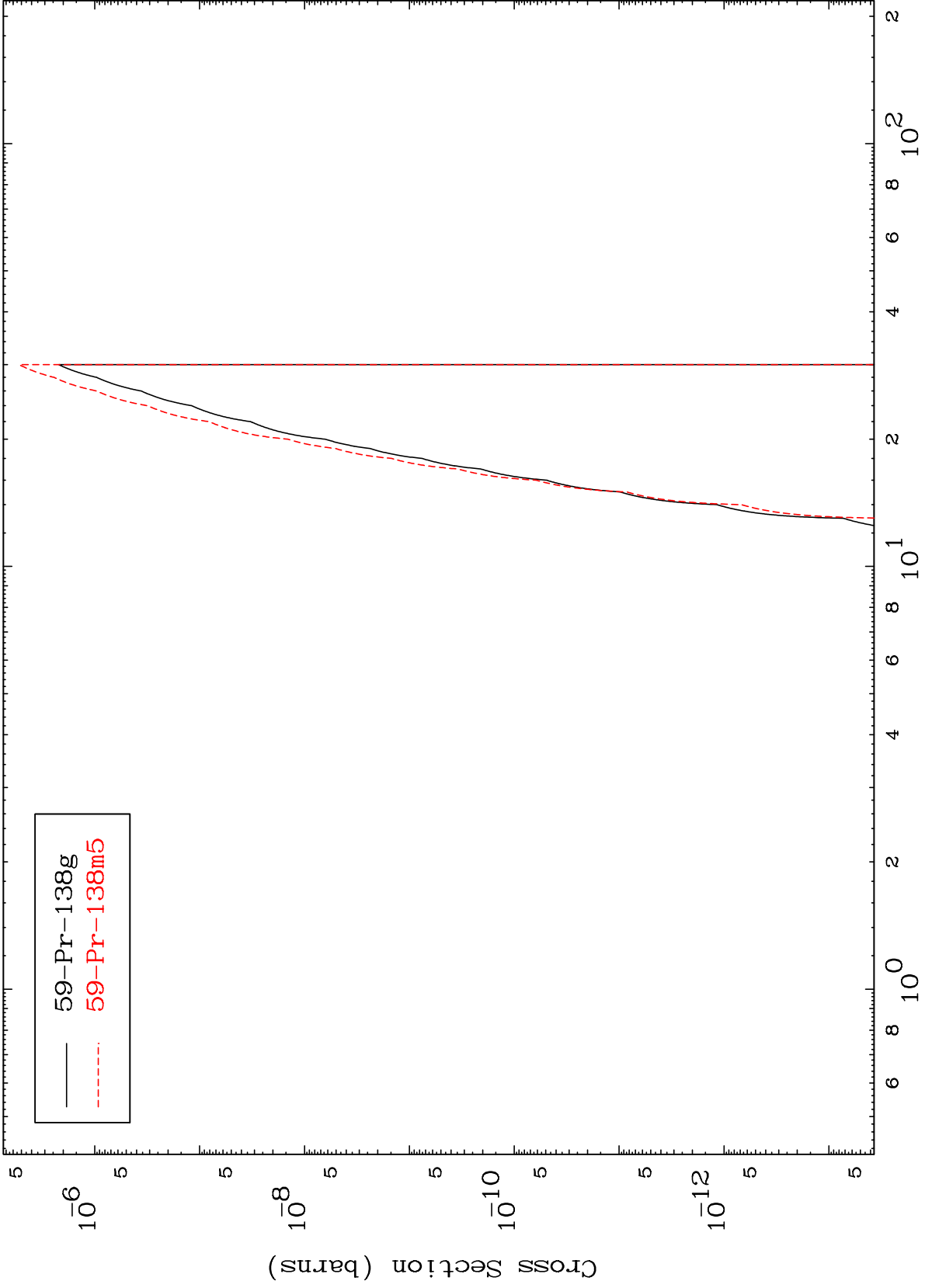
61-Pm-142

MAT 6134

(d,d) α

61-Pm-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-142