

Program EVALPLOT  
(Version 2021-1)

by

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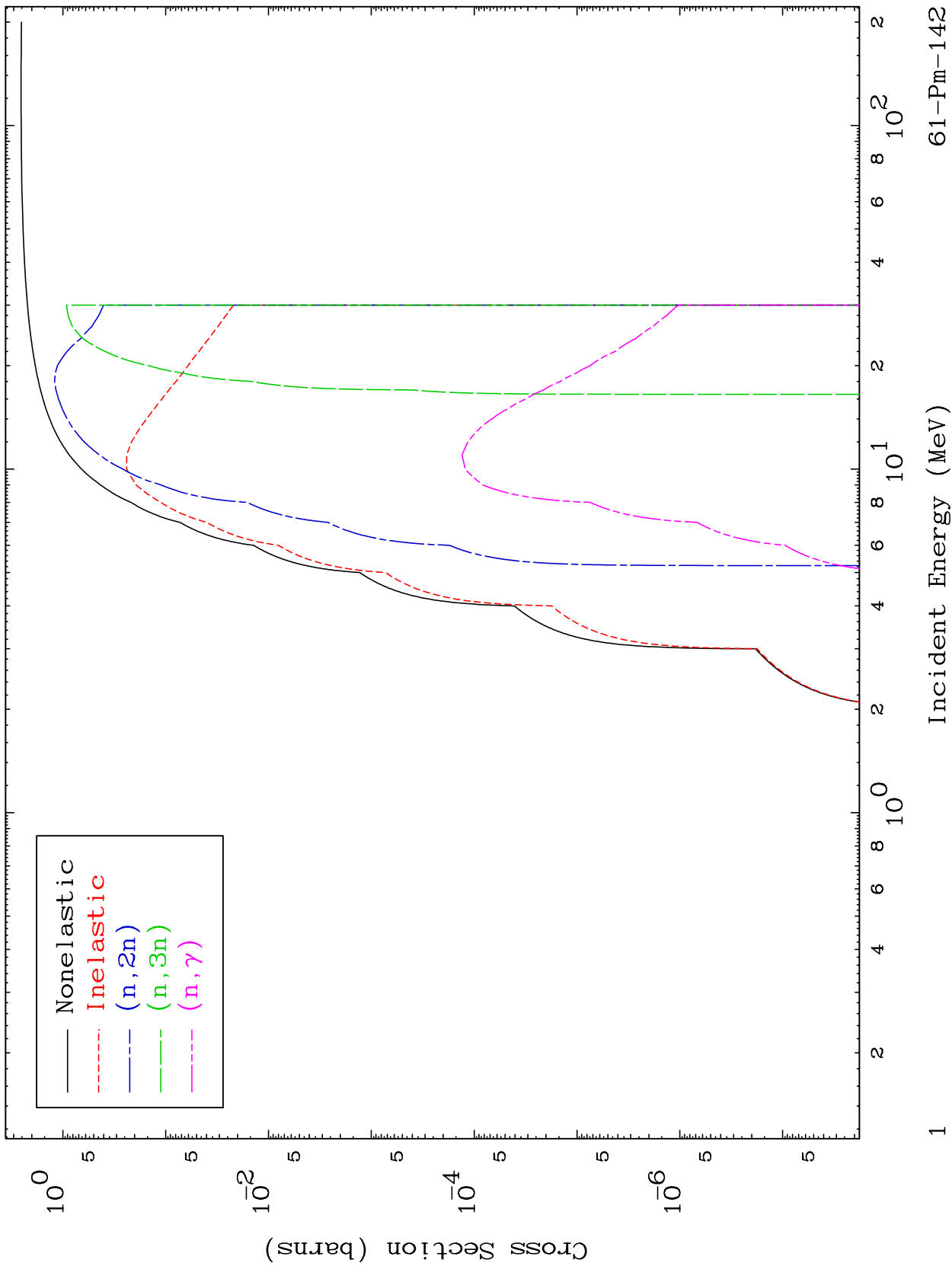
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6134

Deuteron Major  
0 Kelvin Cross Sections

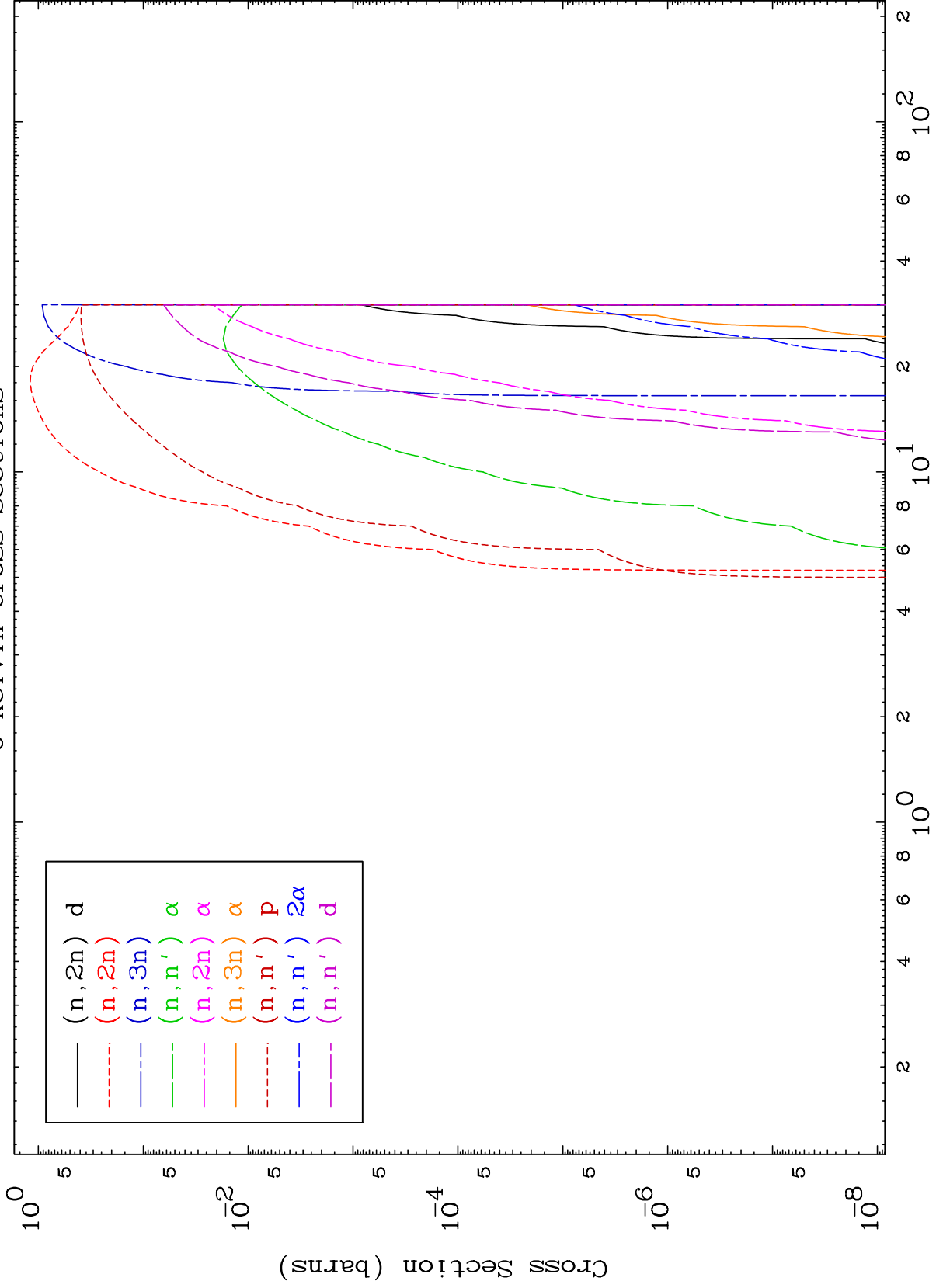
61-Pm-142

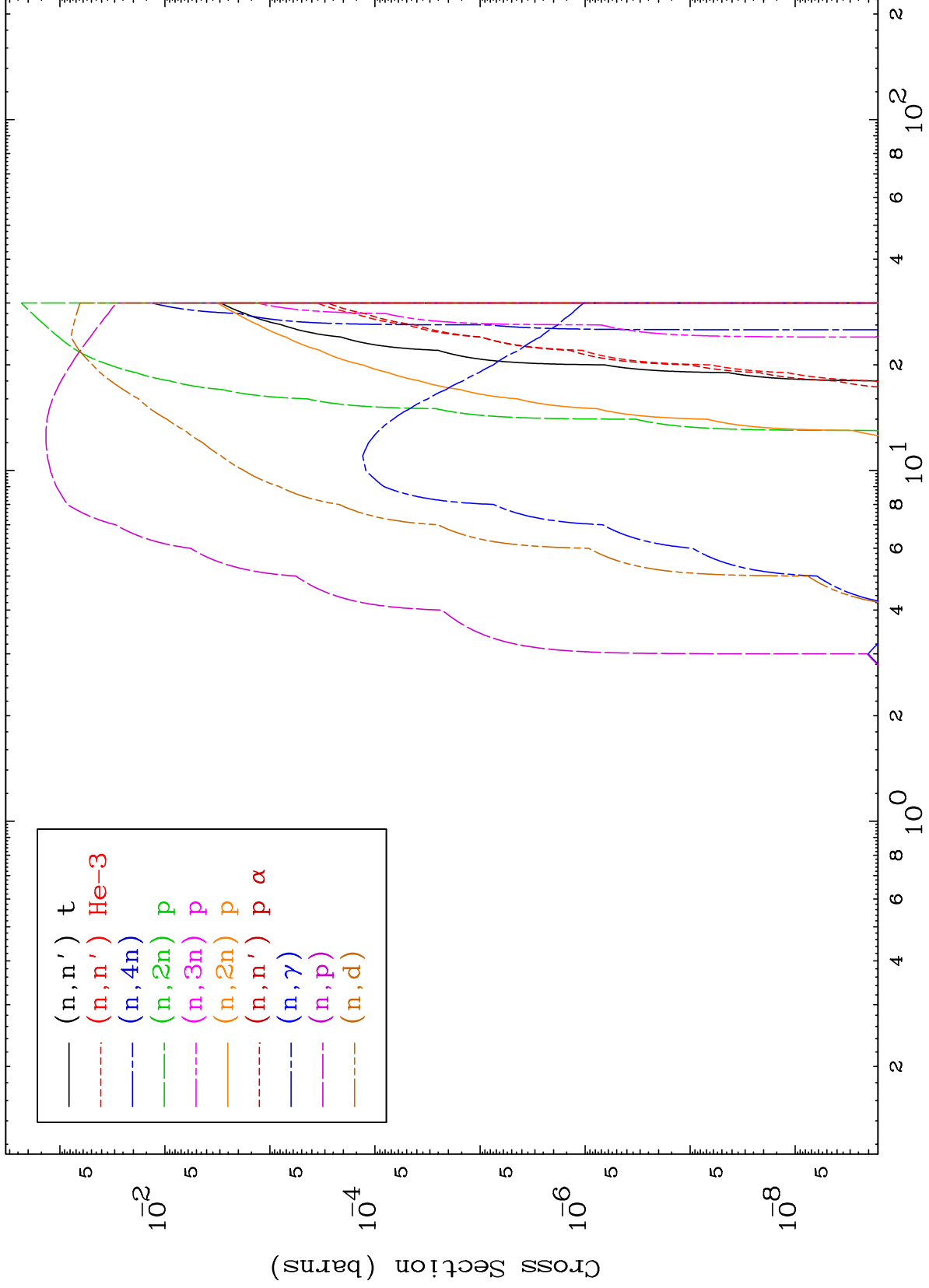


MAT 6134

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-142

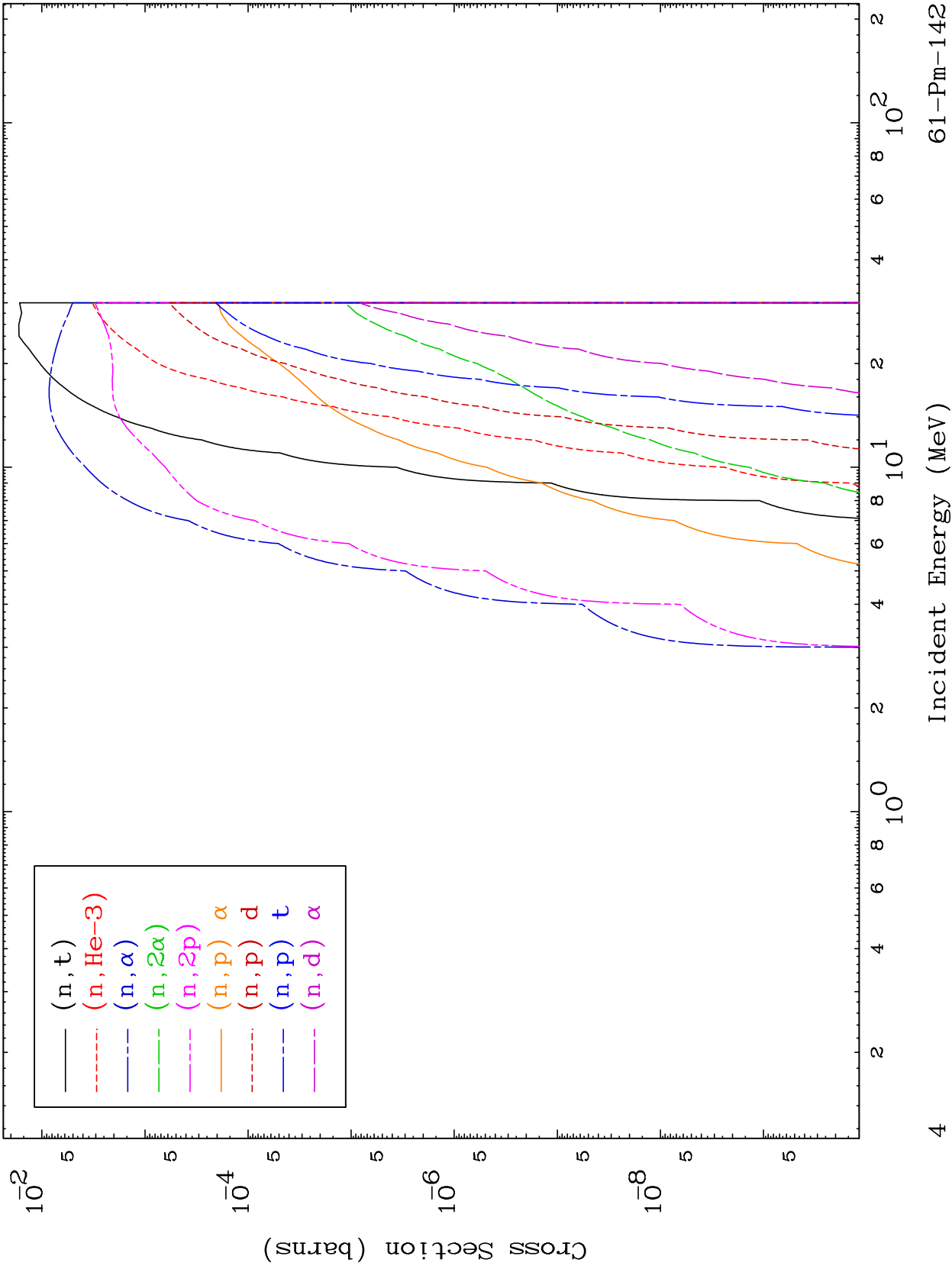


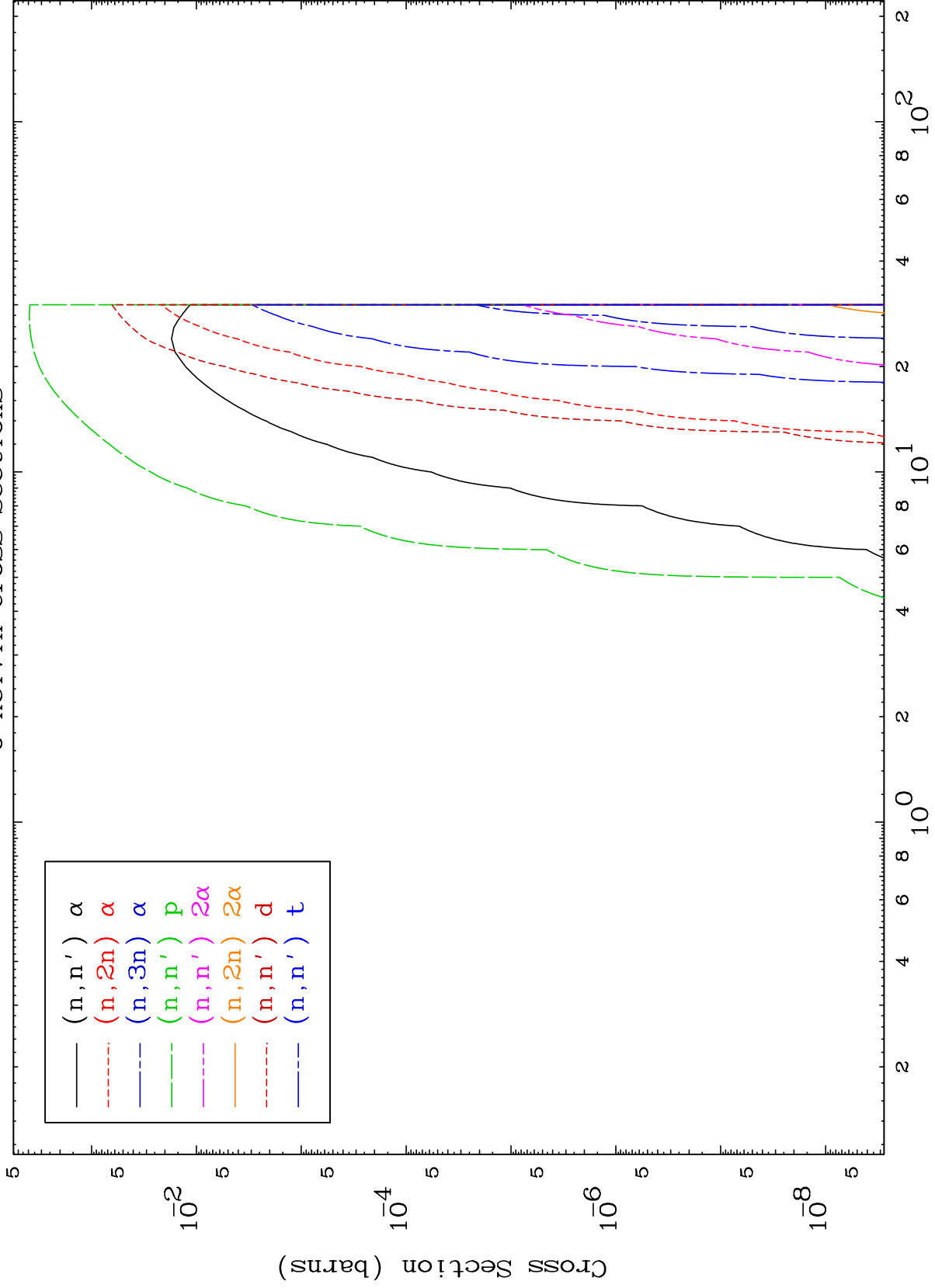


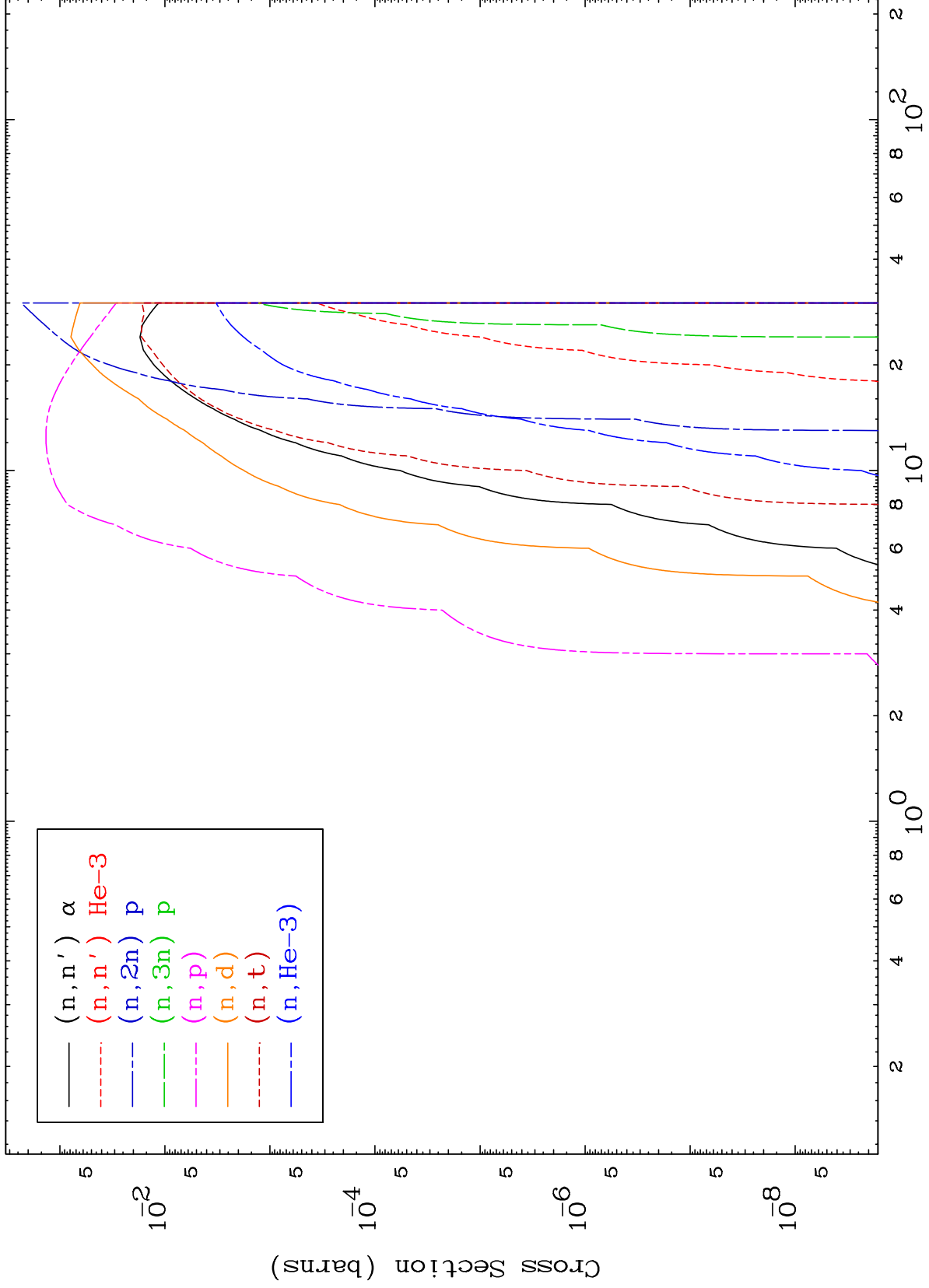
MAT 6134

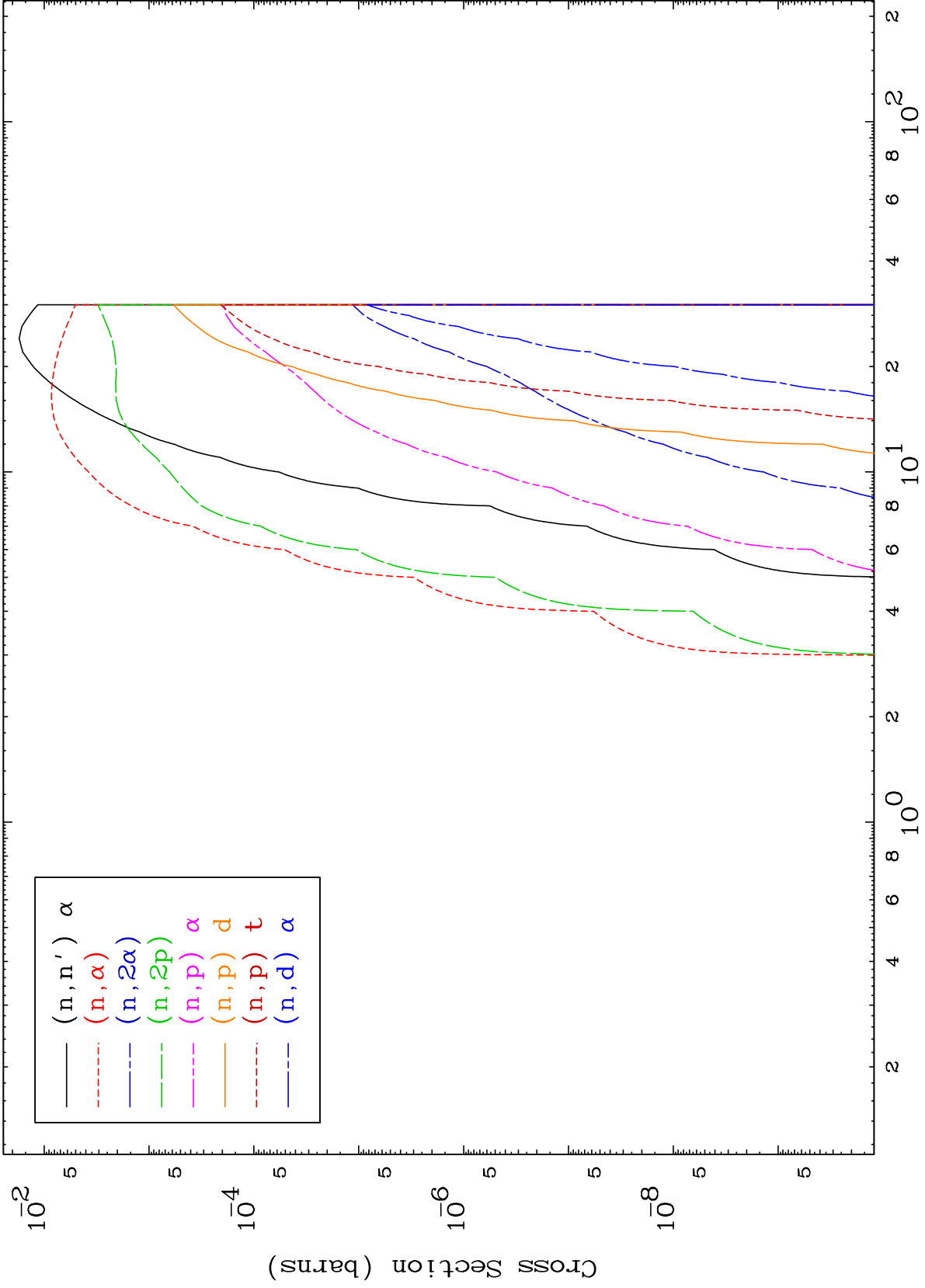
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-142







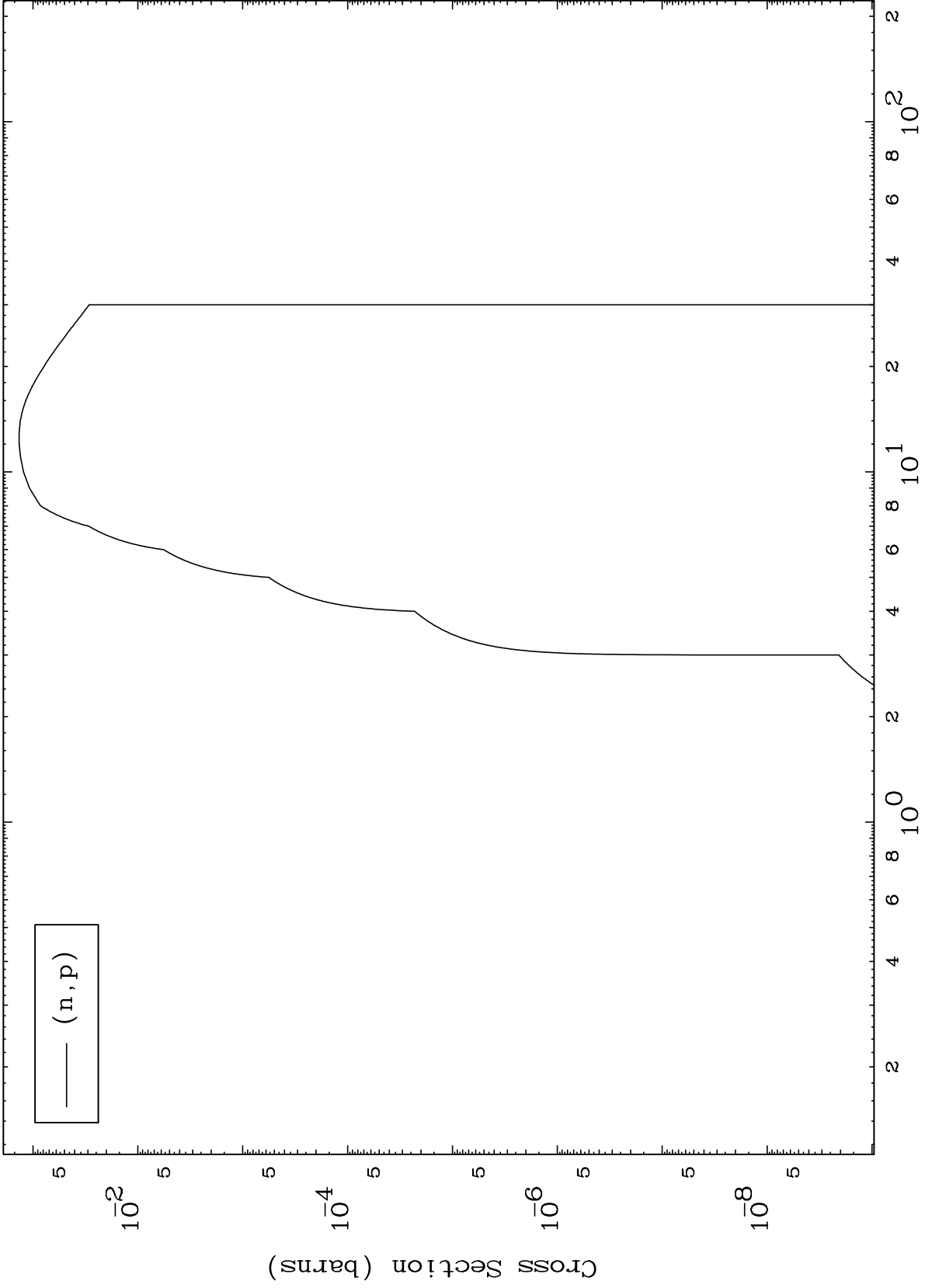


MAT 6134

(d,p) Levels

61-Pm-142

0 Kelvin Cross Sections

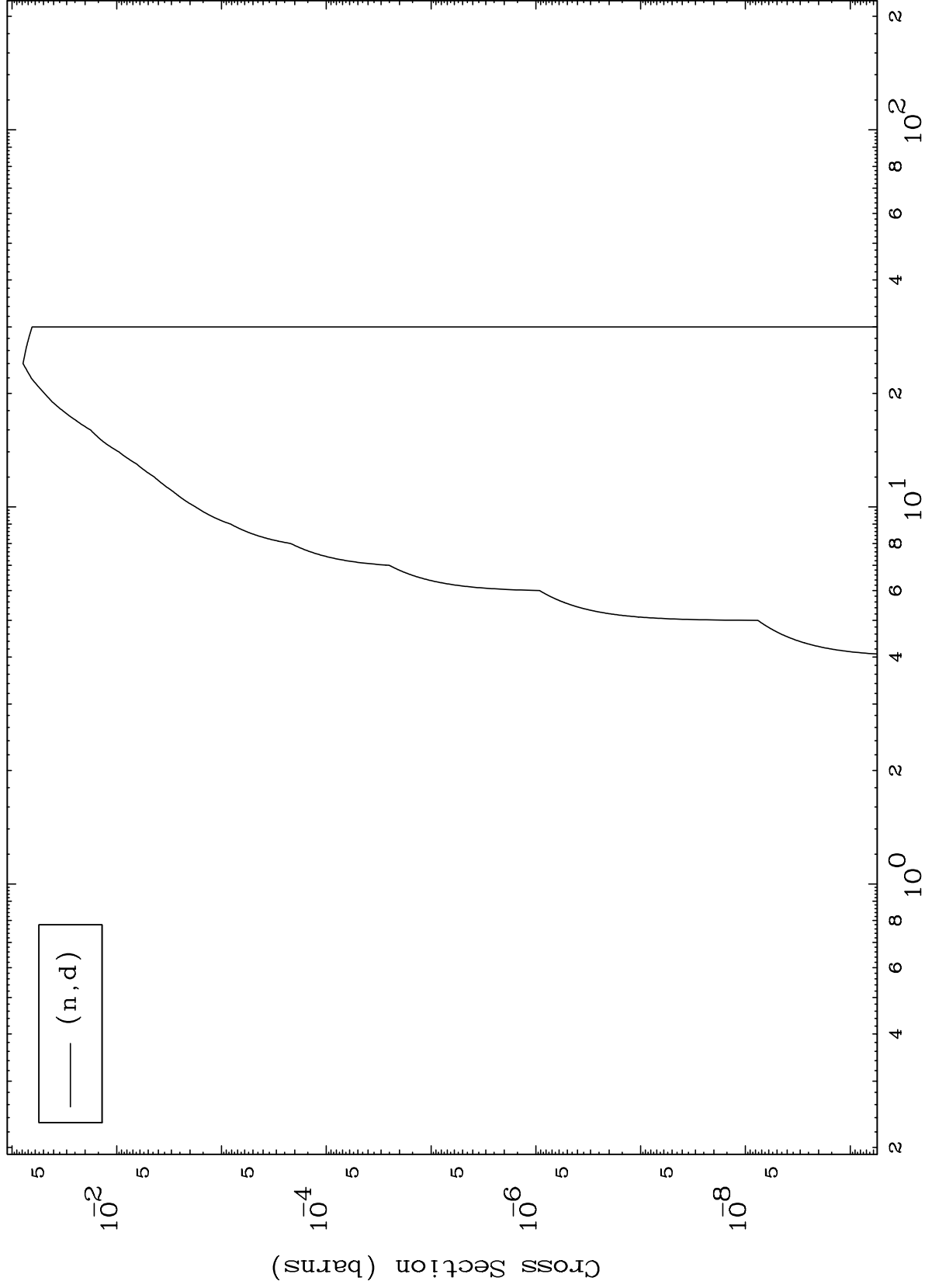


MAT 6134

(d,d) Levels

61-Pm-142

0 Kelvin Cross Sections



9

Incident Energy (MeV)

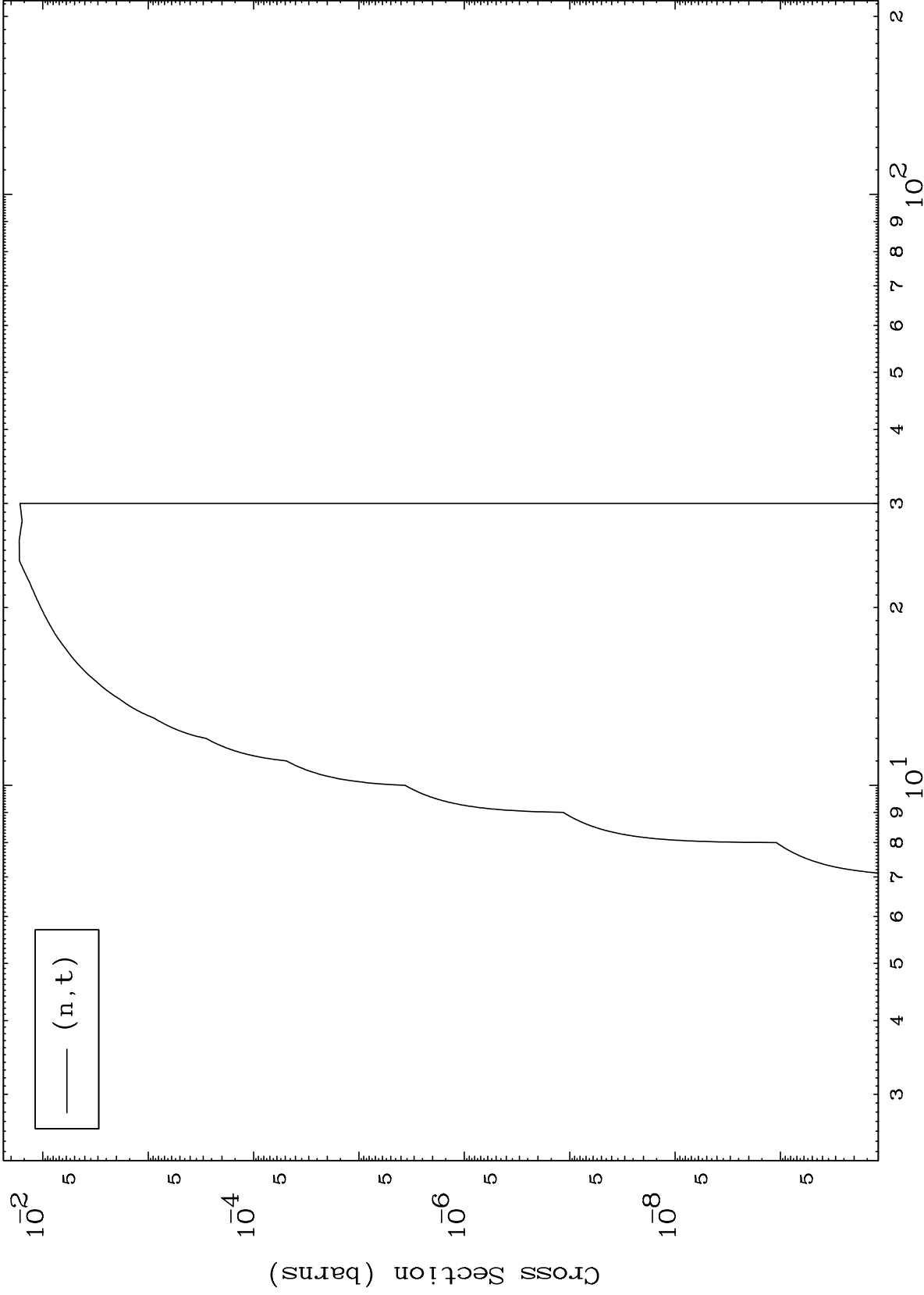
61-Pm-142

MAT 6134

(d,t) Levels

61-Pm-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

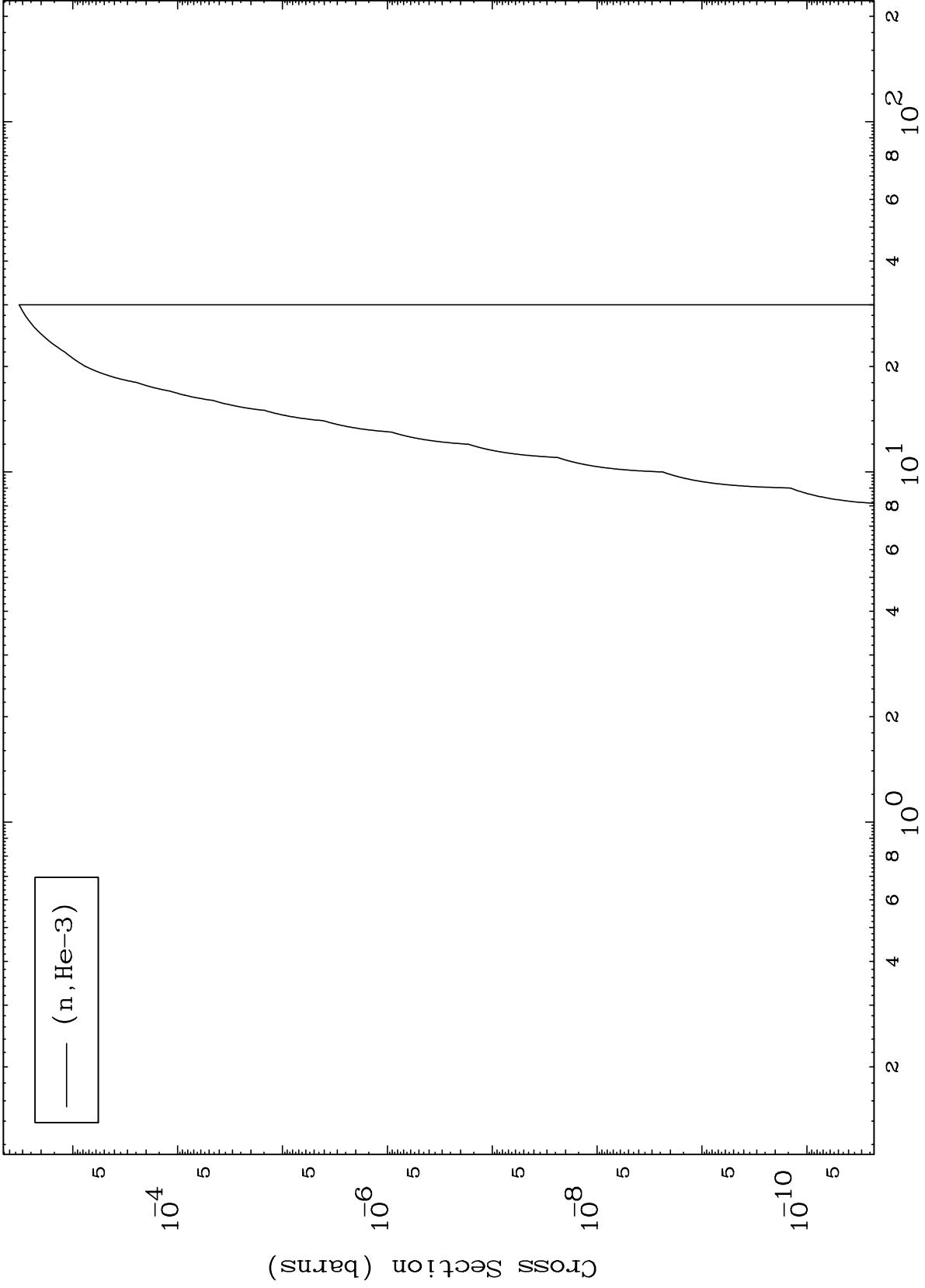
61-Pm-142

MAT 6134

(d,He3) Levels

61-Pm-142

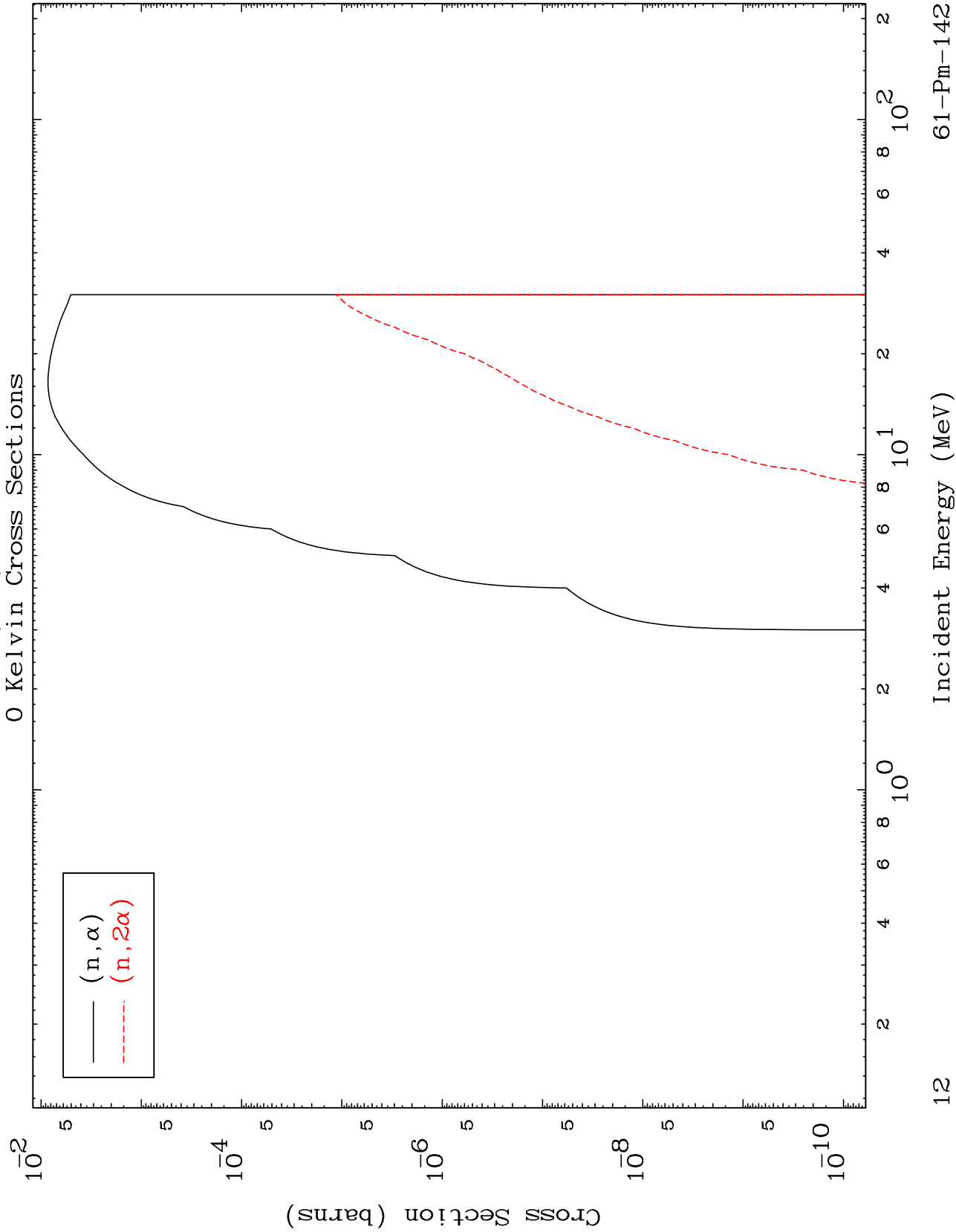
0 Kelvin Cross Sections



MAT 6134

(d,  $\alpha$ ) Levels

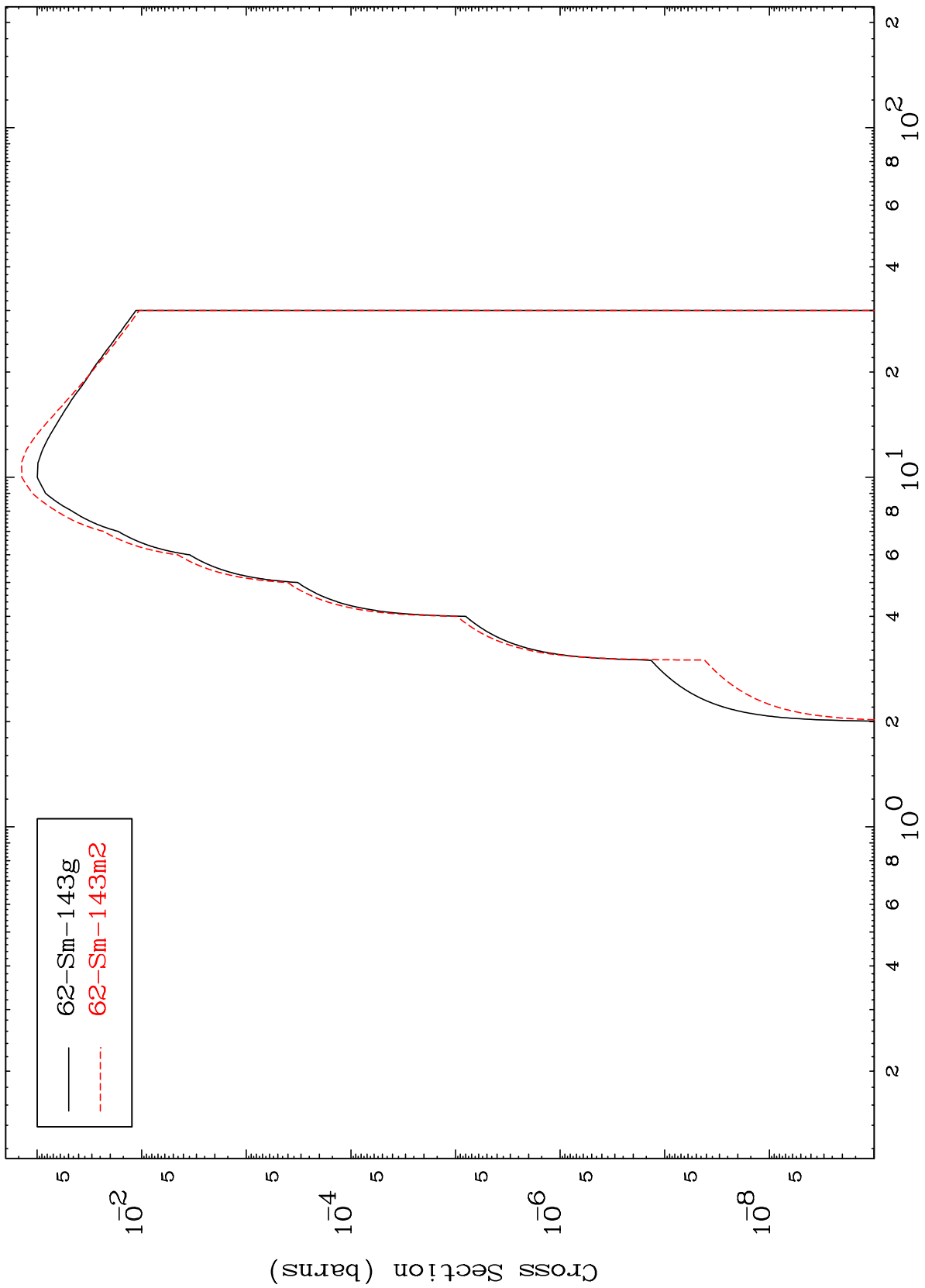
61-Pm-142



MAT 6134

61-Pm-142

Inelastic  
Radionuclide Production Cross Section

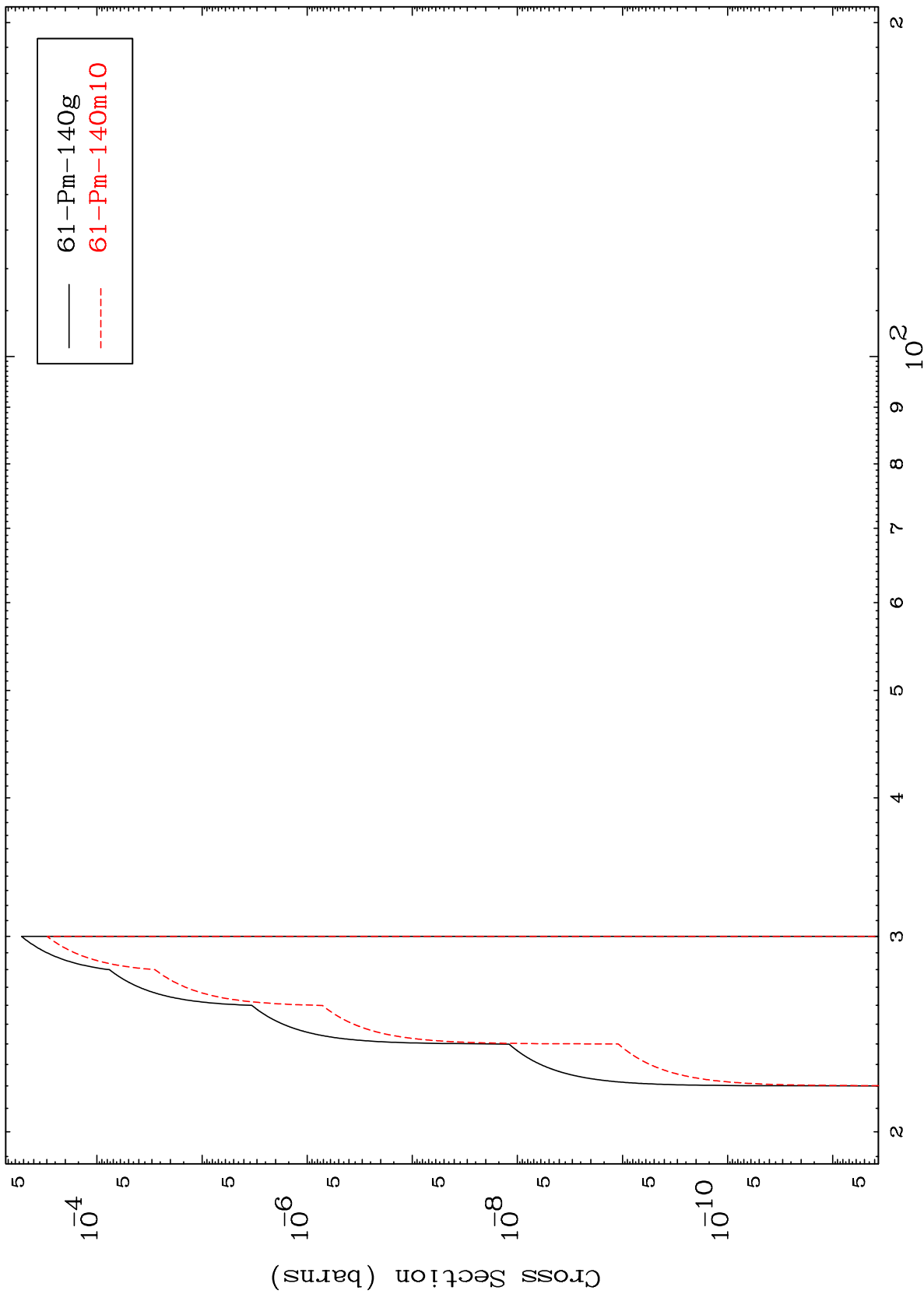


MAT 6134

(n,2n) d

61-Pm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

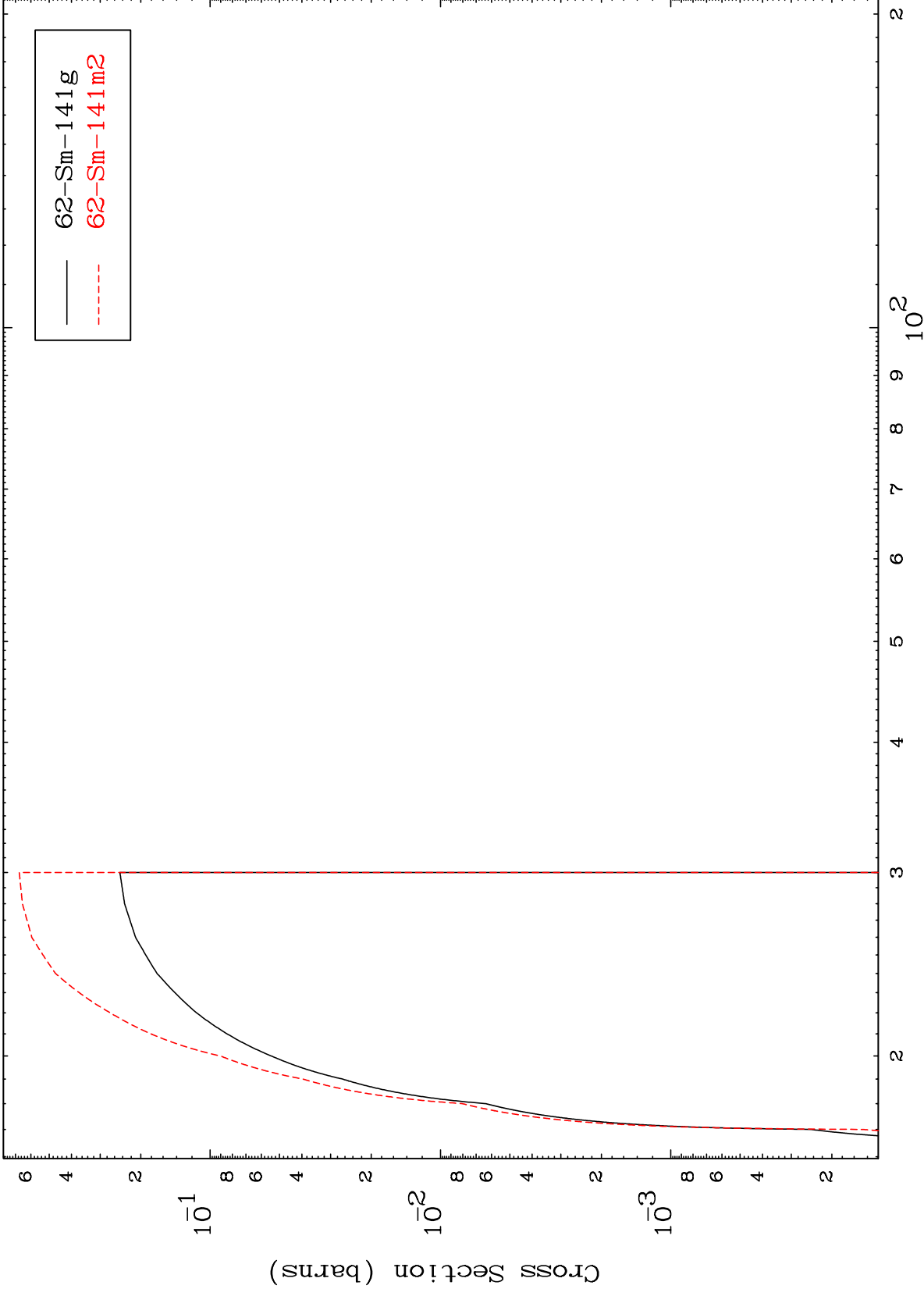
61-Pm-142

MAT 6134

(n,3n)

61-Pm-142

Radionuclide Production Cross Section



15

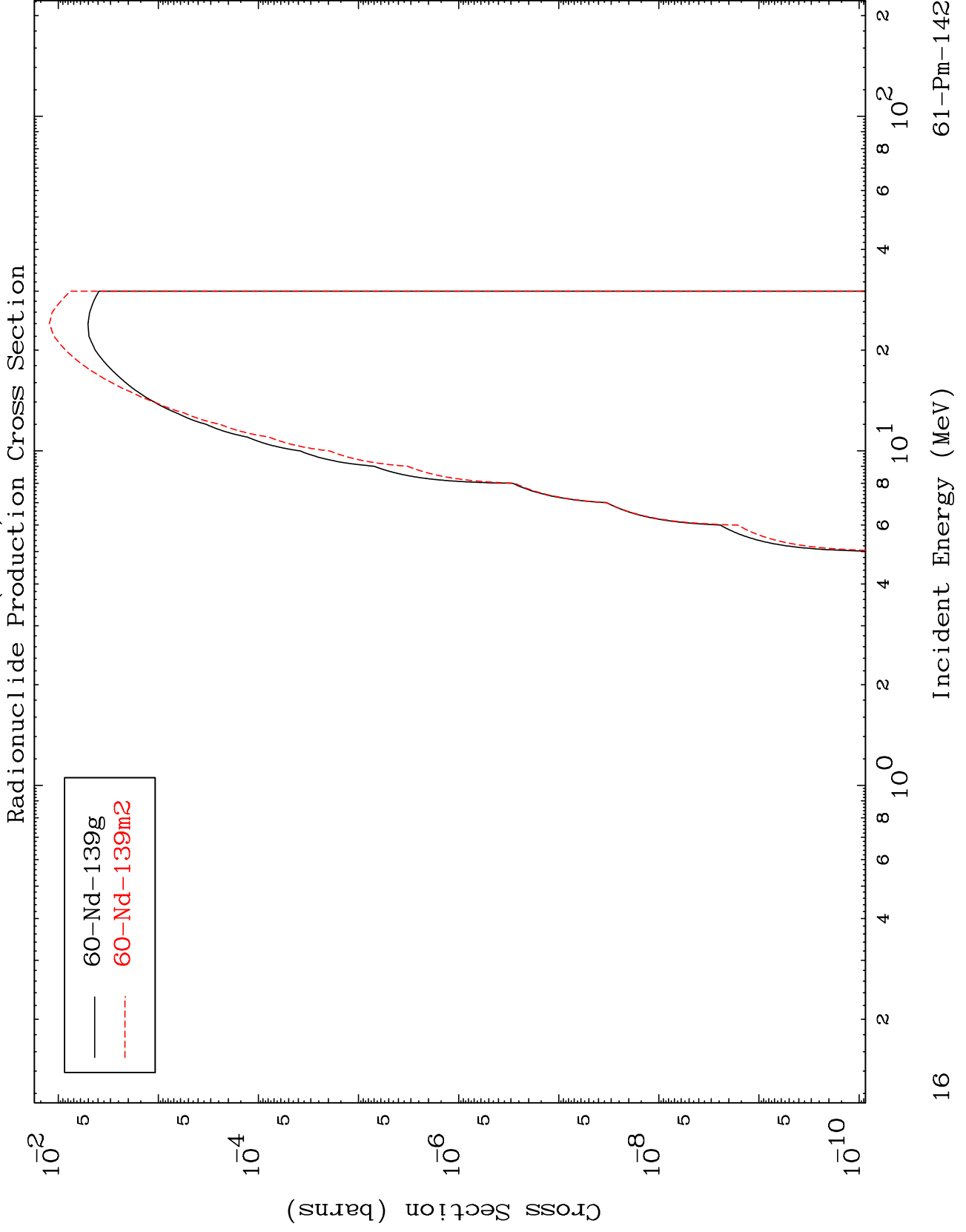
Incident Energy (MeV)

61-Pm-142

MAT 6134

$(n, n') \alpha$

61-Pm-142

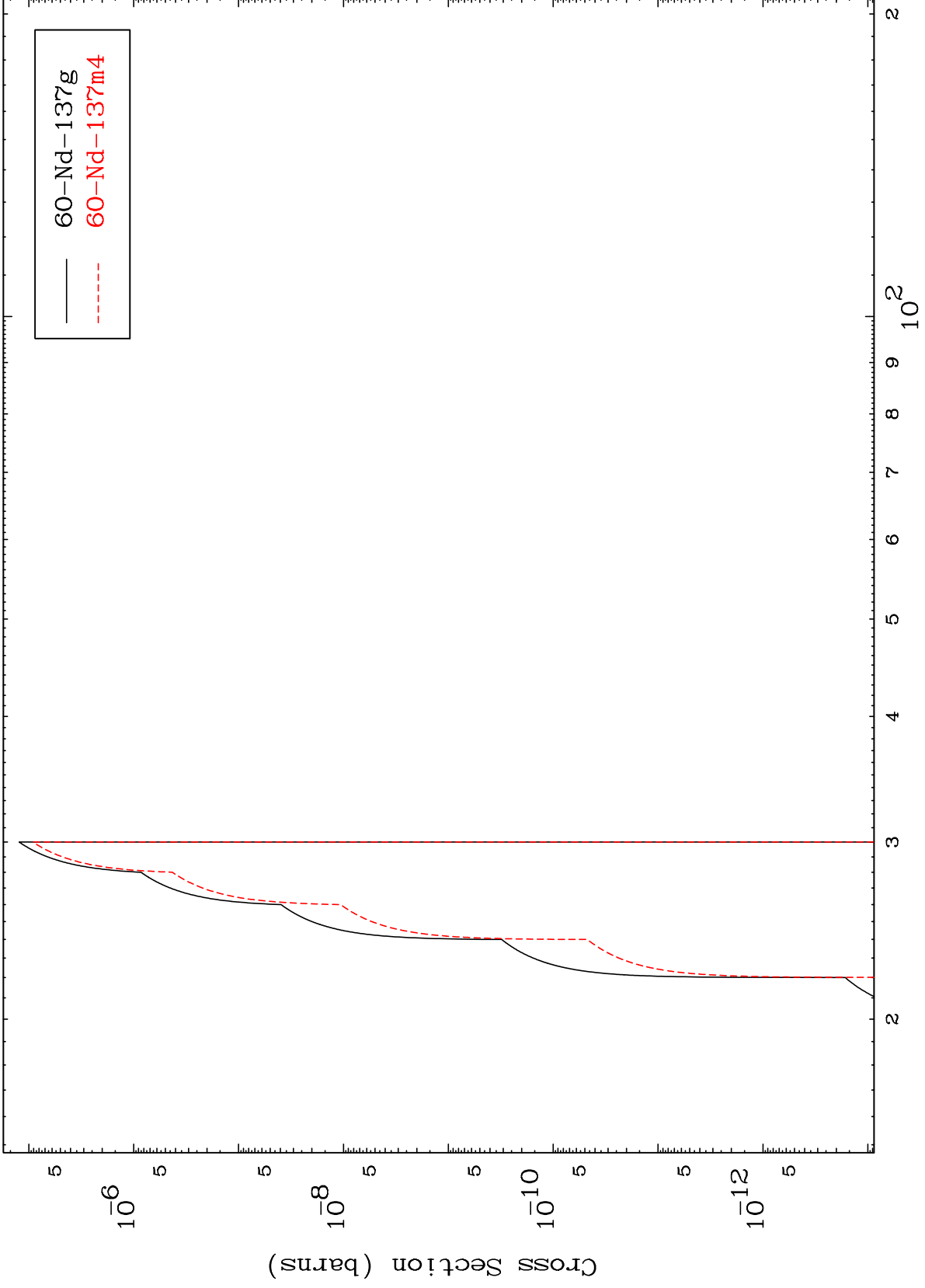


MAT 6134

(n,3n)  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



17

Incident Energy (MeV)

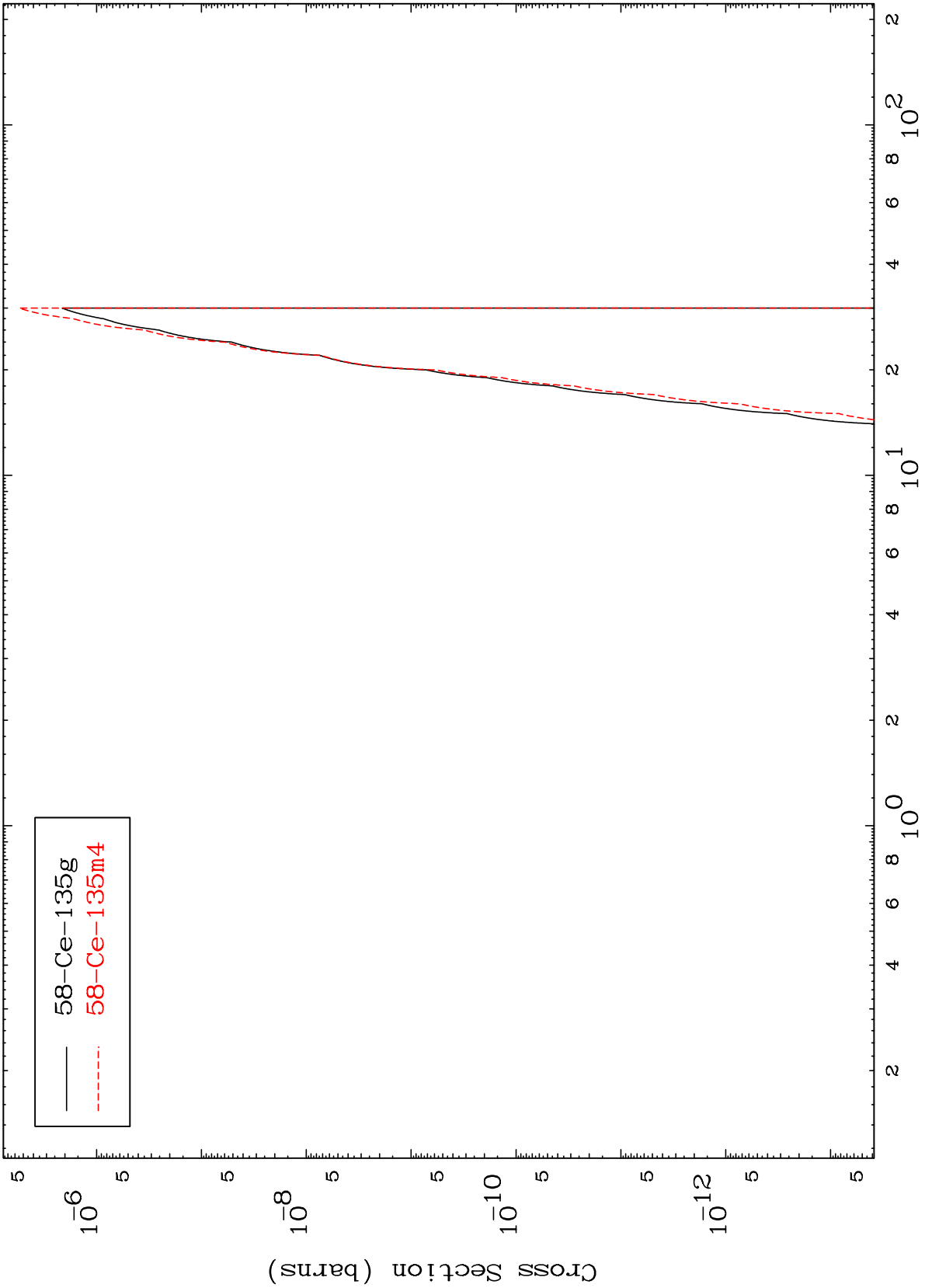
61-Pm-142

MAT 6134

(n,n') 2α

61-Pm-142

Radionuclide Production Cross Section



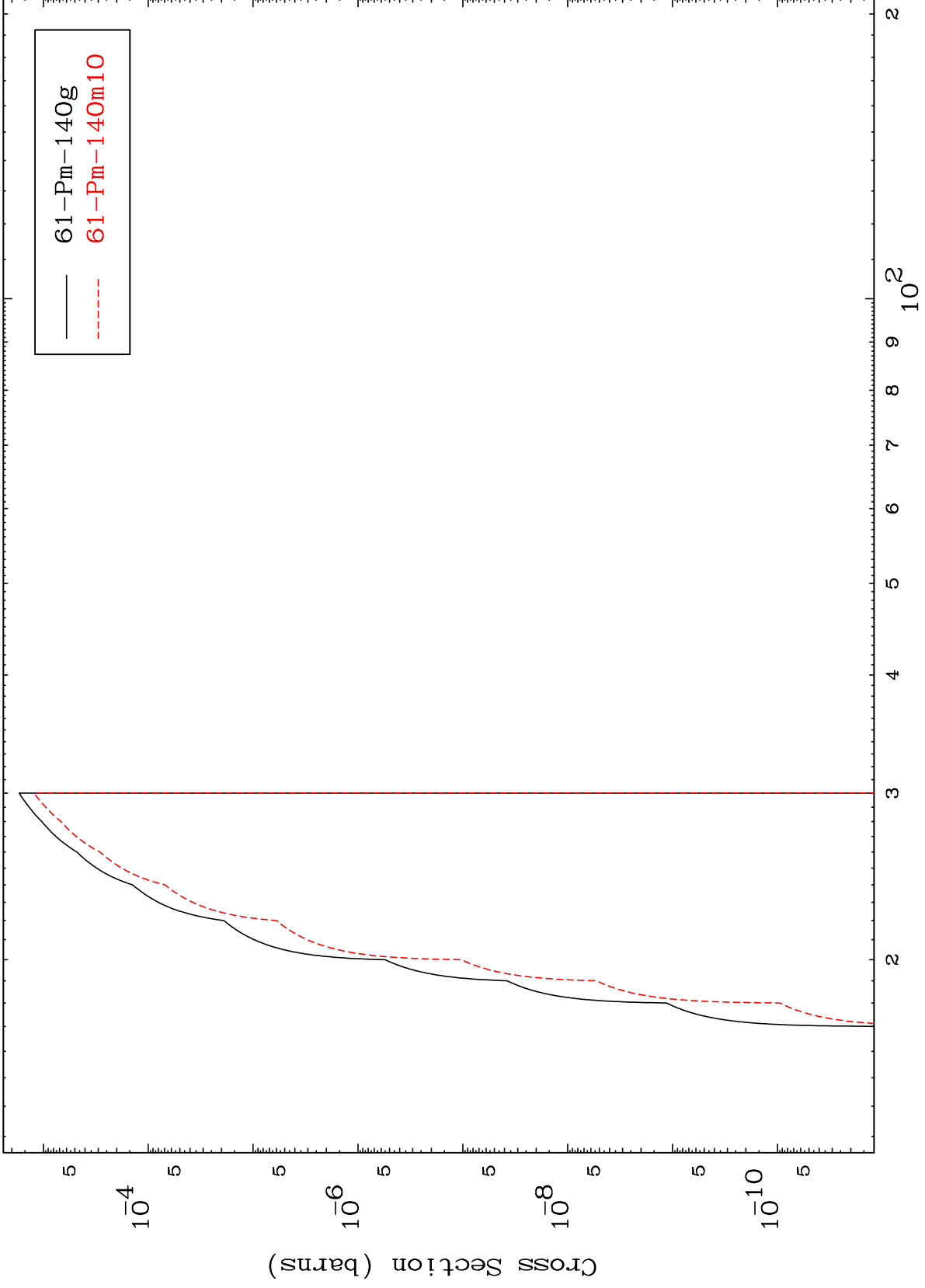
— 58-Ce-135g  
- - - 58-Ce-135m4

MAT 6134

(n,n') t

61-Pm-142

Radionuclide Production Cross Section



61-Pm-140g

61-Pm-140m10

19

Incident Energy (MeV)

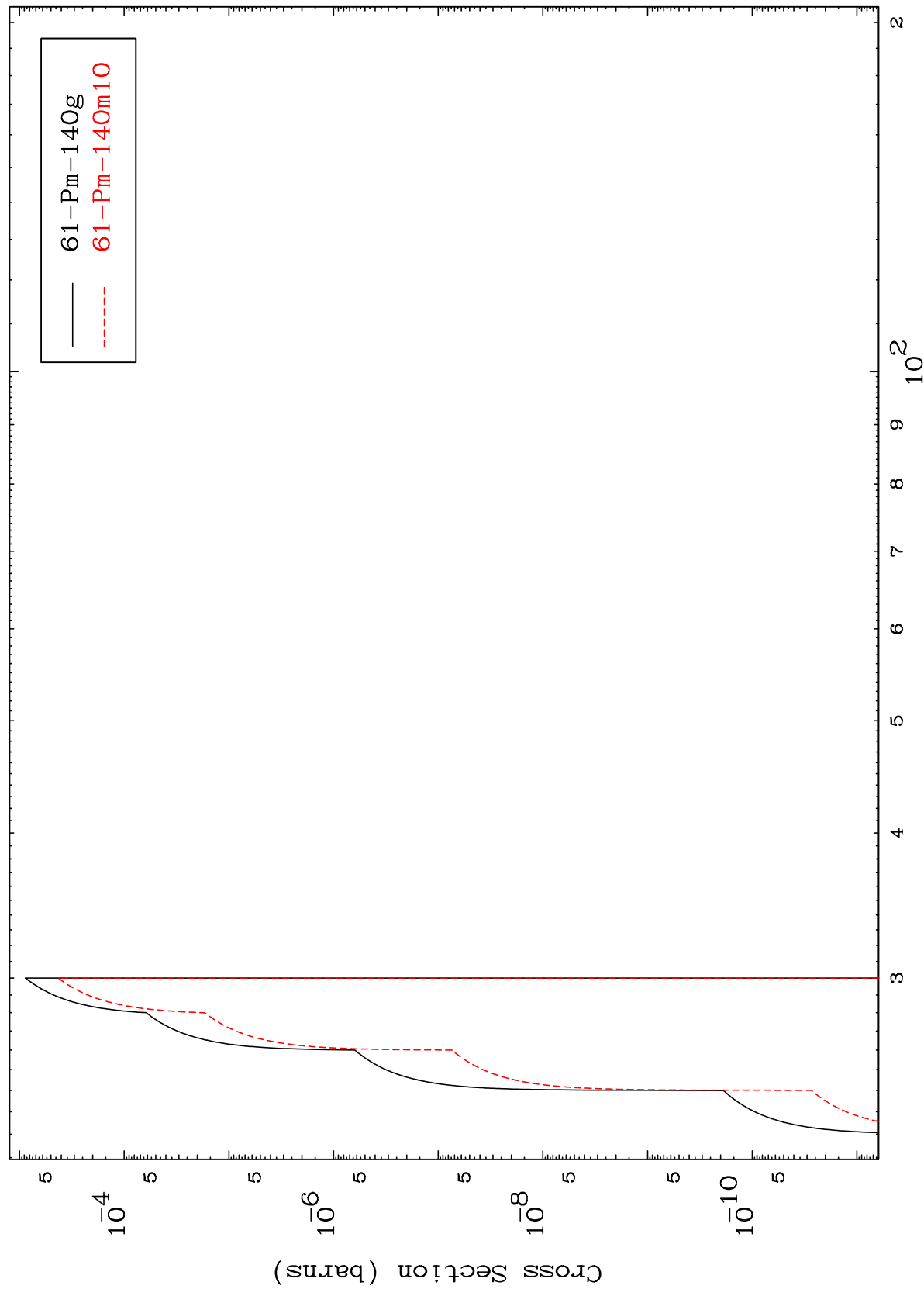
61-Pm-142

MAT 6134

(n,3n) p

61-Pm-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

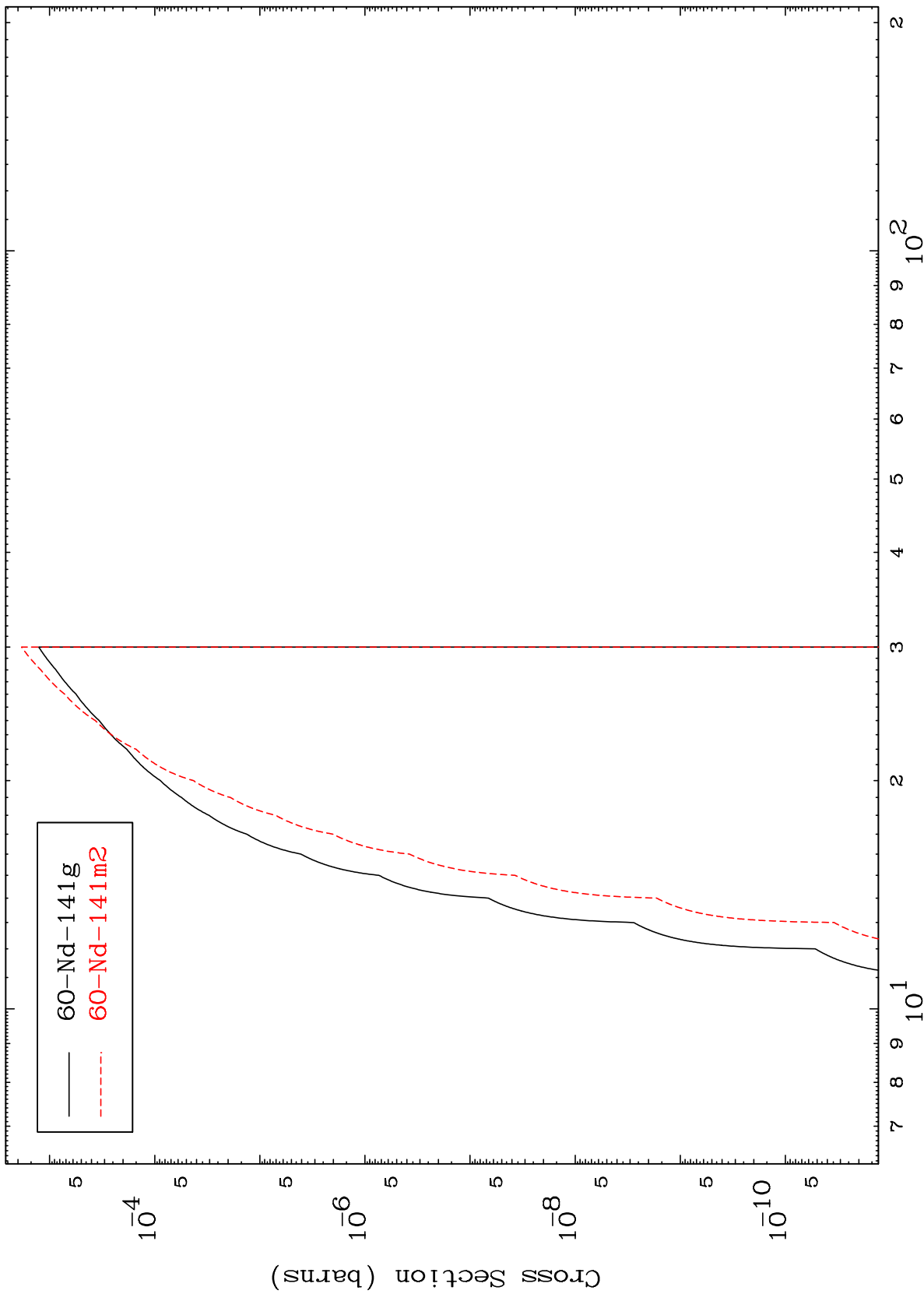
61-Pm-142

MAT 6134

(n,2n) p

61-Pm-142

Radionuclide Production Cross Section

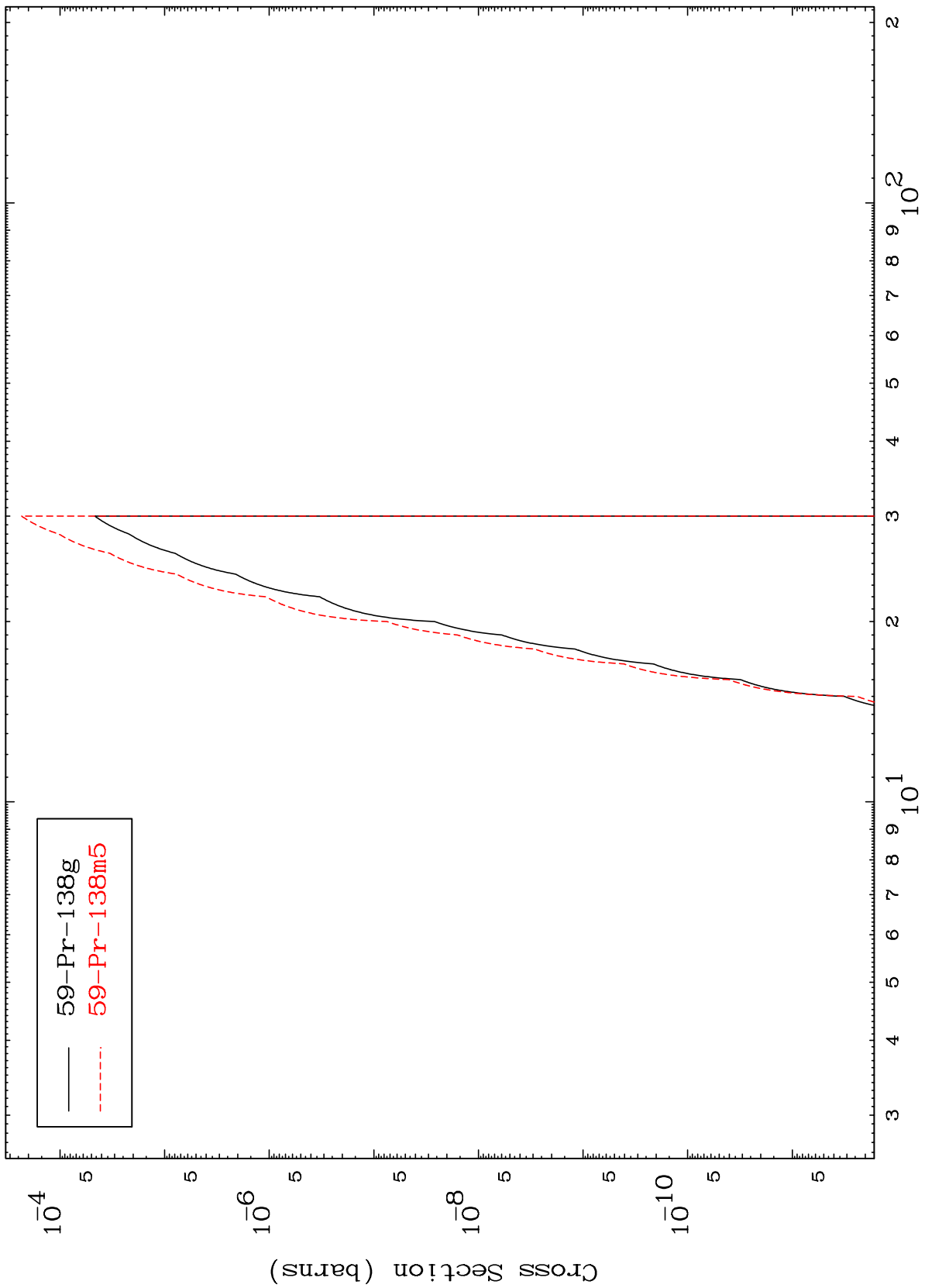


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(n,n') p  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



22

Incident Energy (MeV)

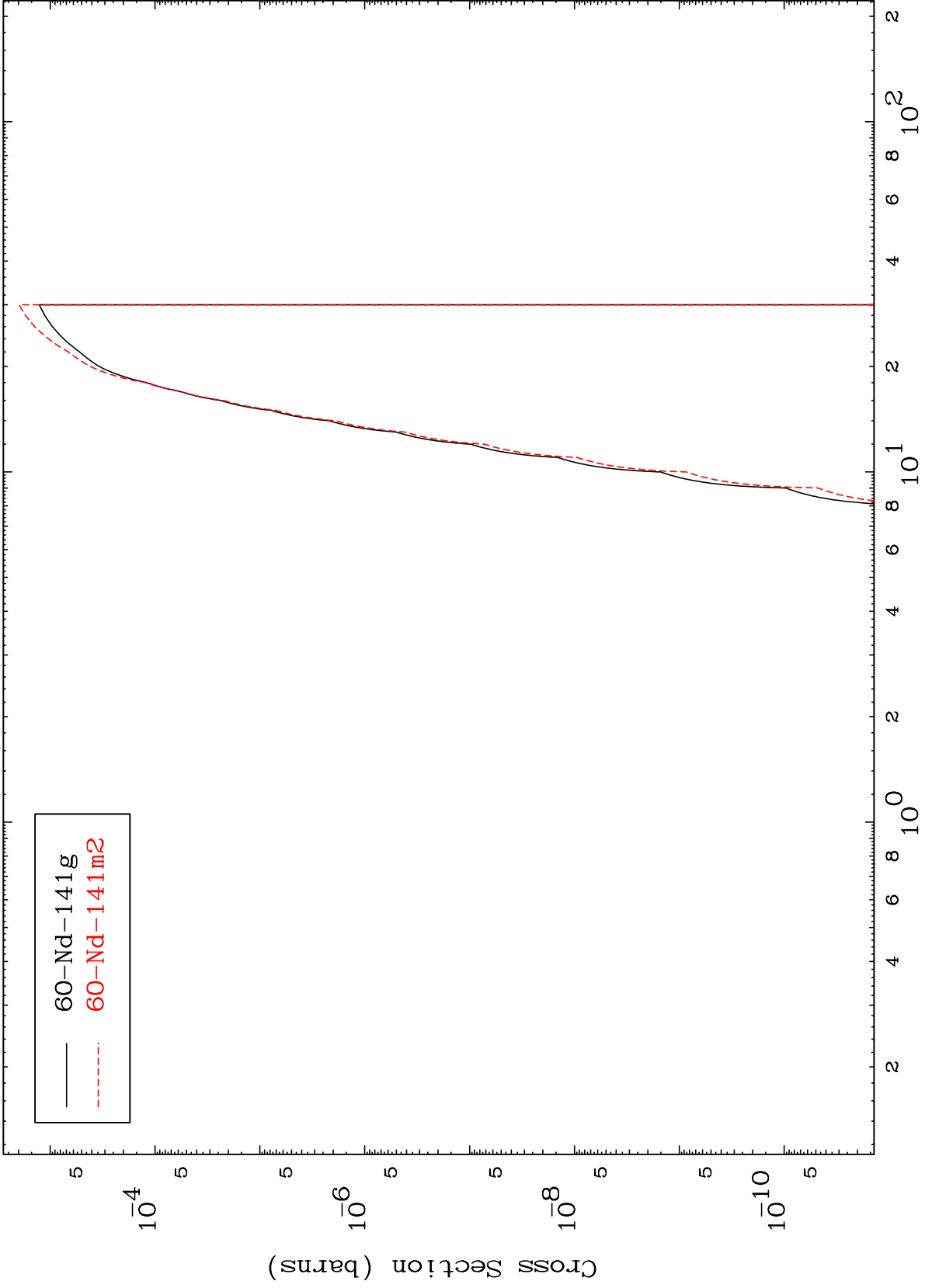
61-Pm-142

MAT 6134

(n,He-3)

61-Pm-142

Radionuclide Production Cross Section

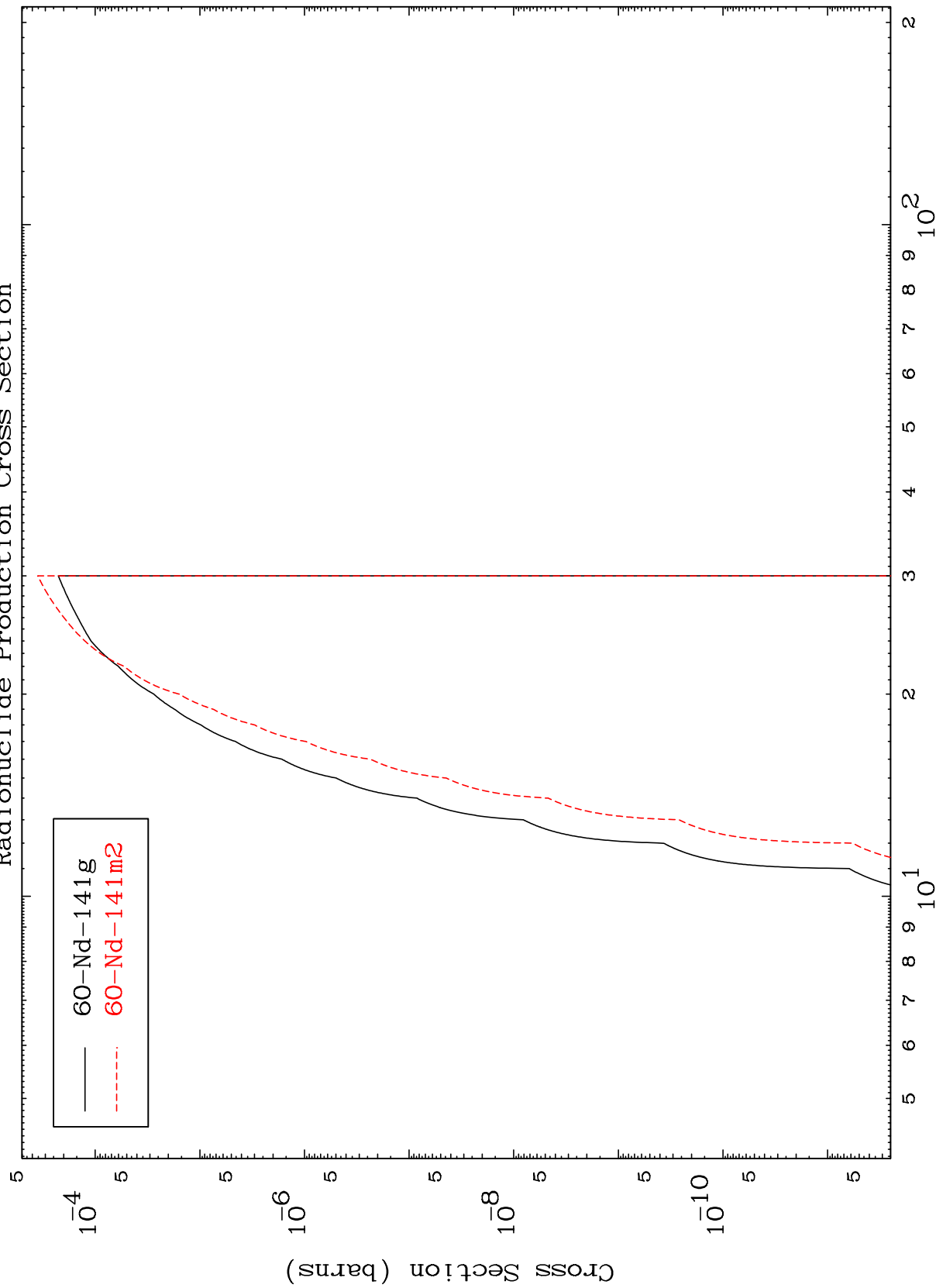


MAT 6134

(n,p) d

61-Pm-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

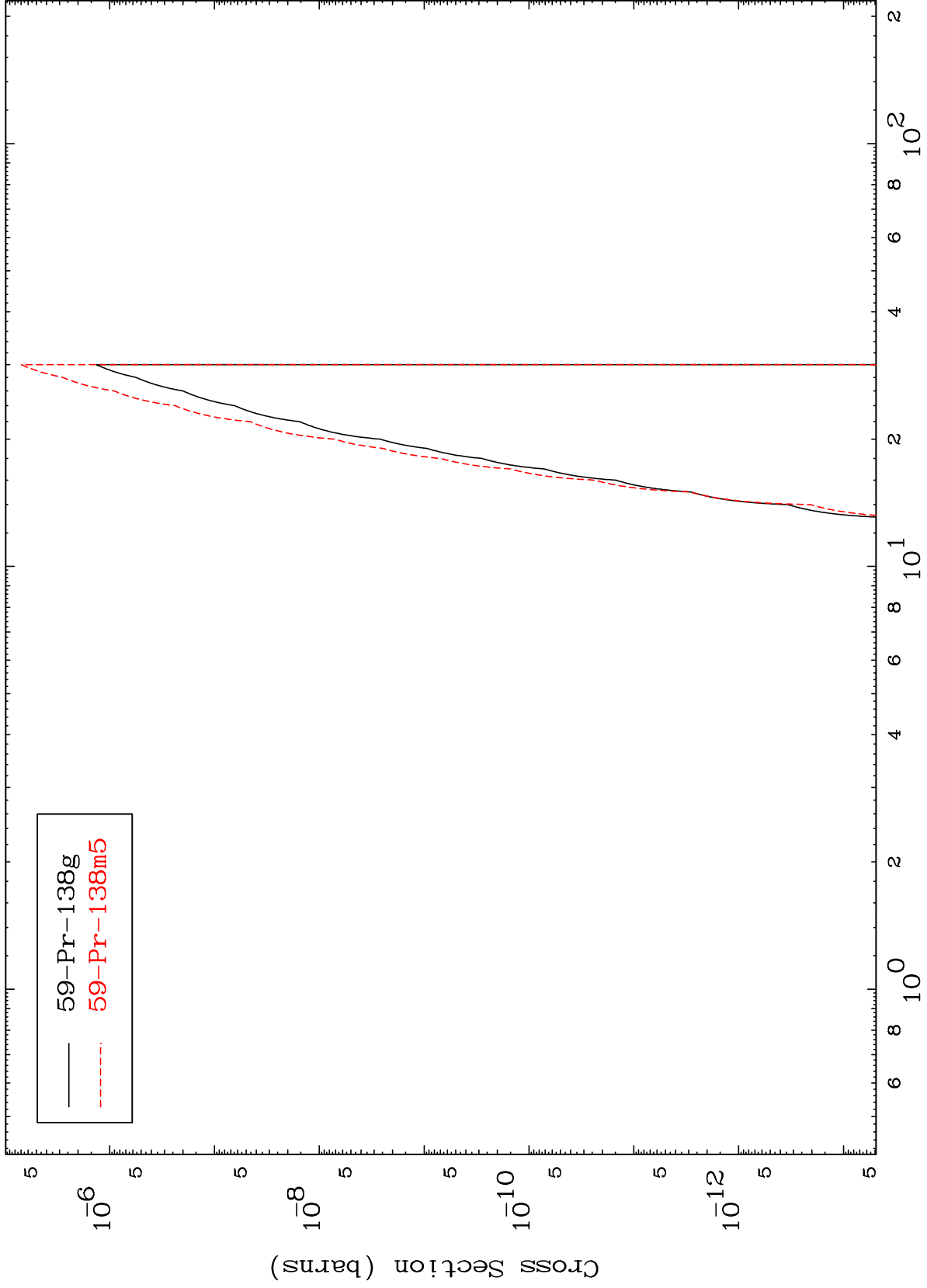
61-Pm-142

MAT 6134

(n,d)  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



25

Incident Energy (MeV)

61-Pm-142