

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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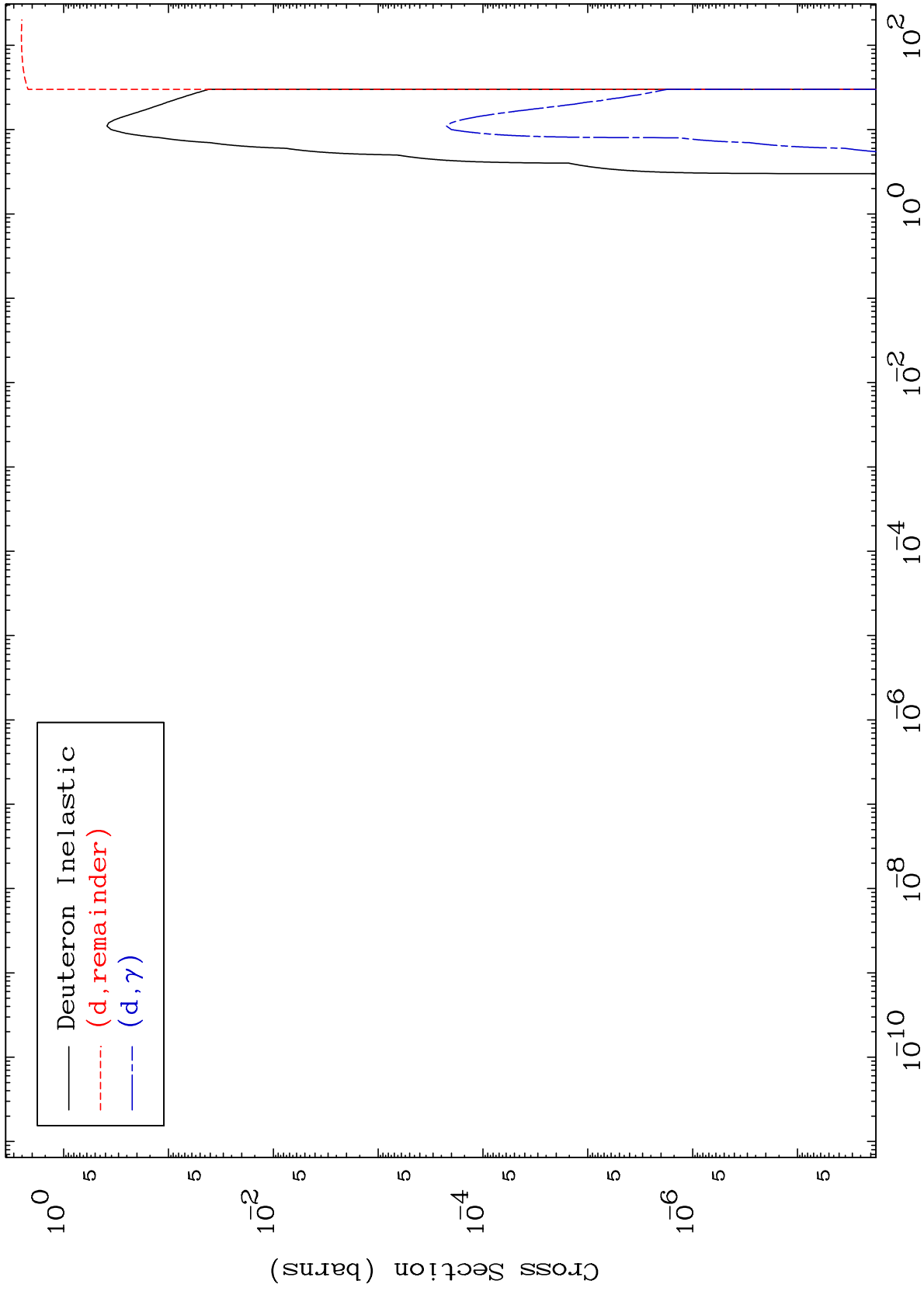
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6131

Deuteron Major  
0 Kelvin Cross Sections

61-Pm-141



1

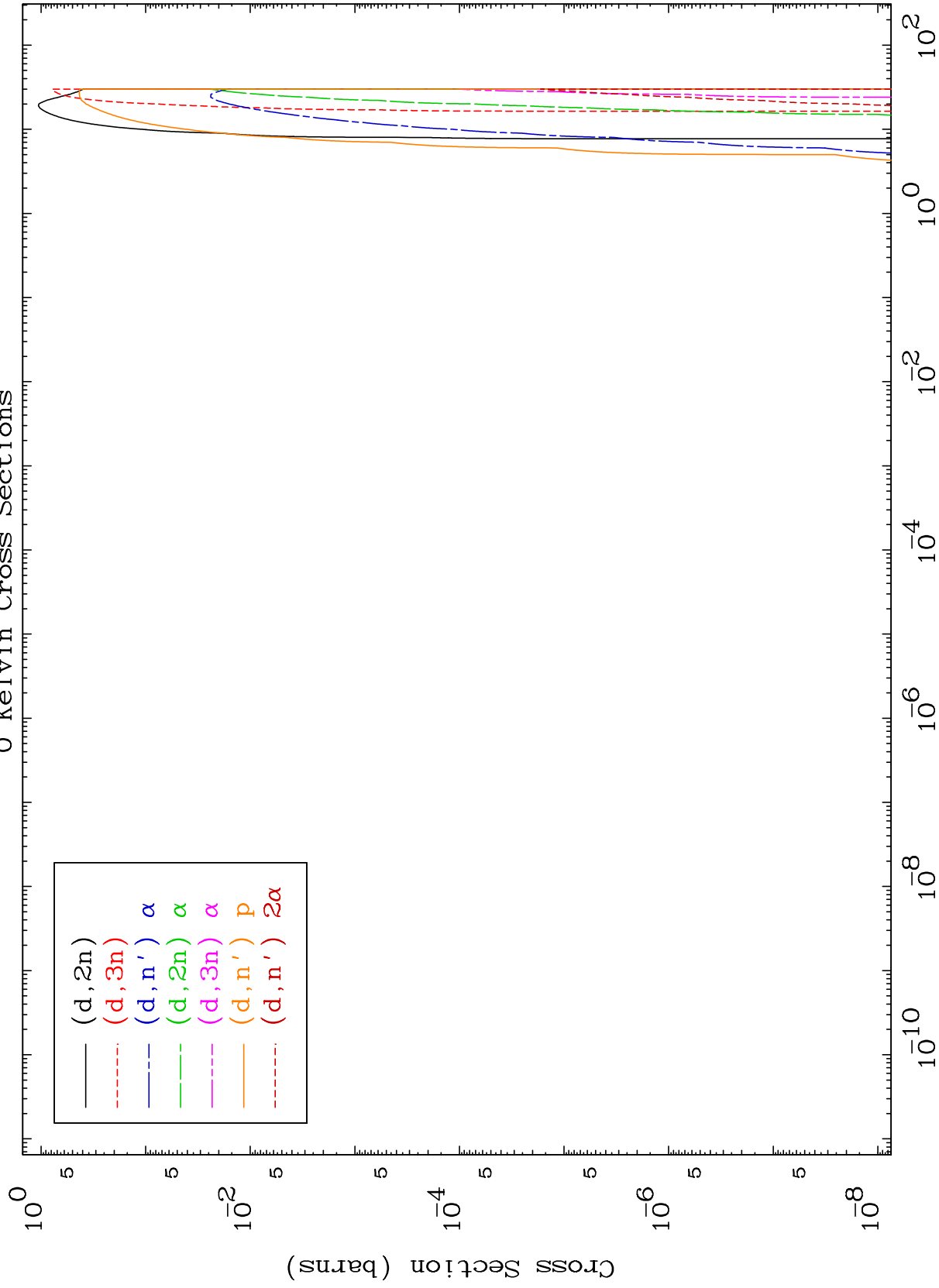
Incident Energy (MeV)

61-Pm-141

MAT 6131

Deuteron Neutron Production  
0 Kelvin Cross Sections

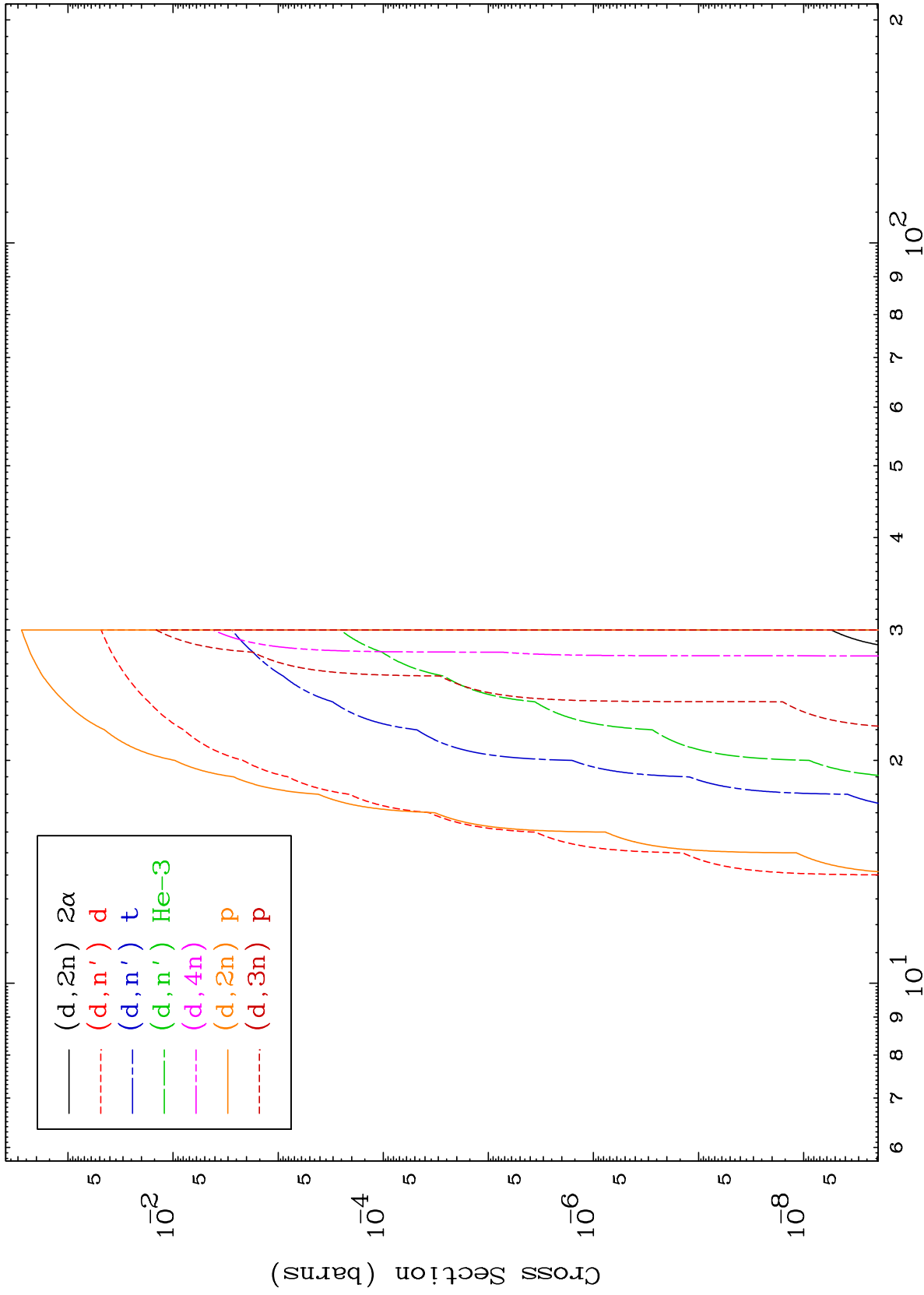
61-Pm-141



2

Incident Energy (MeV)

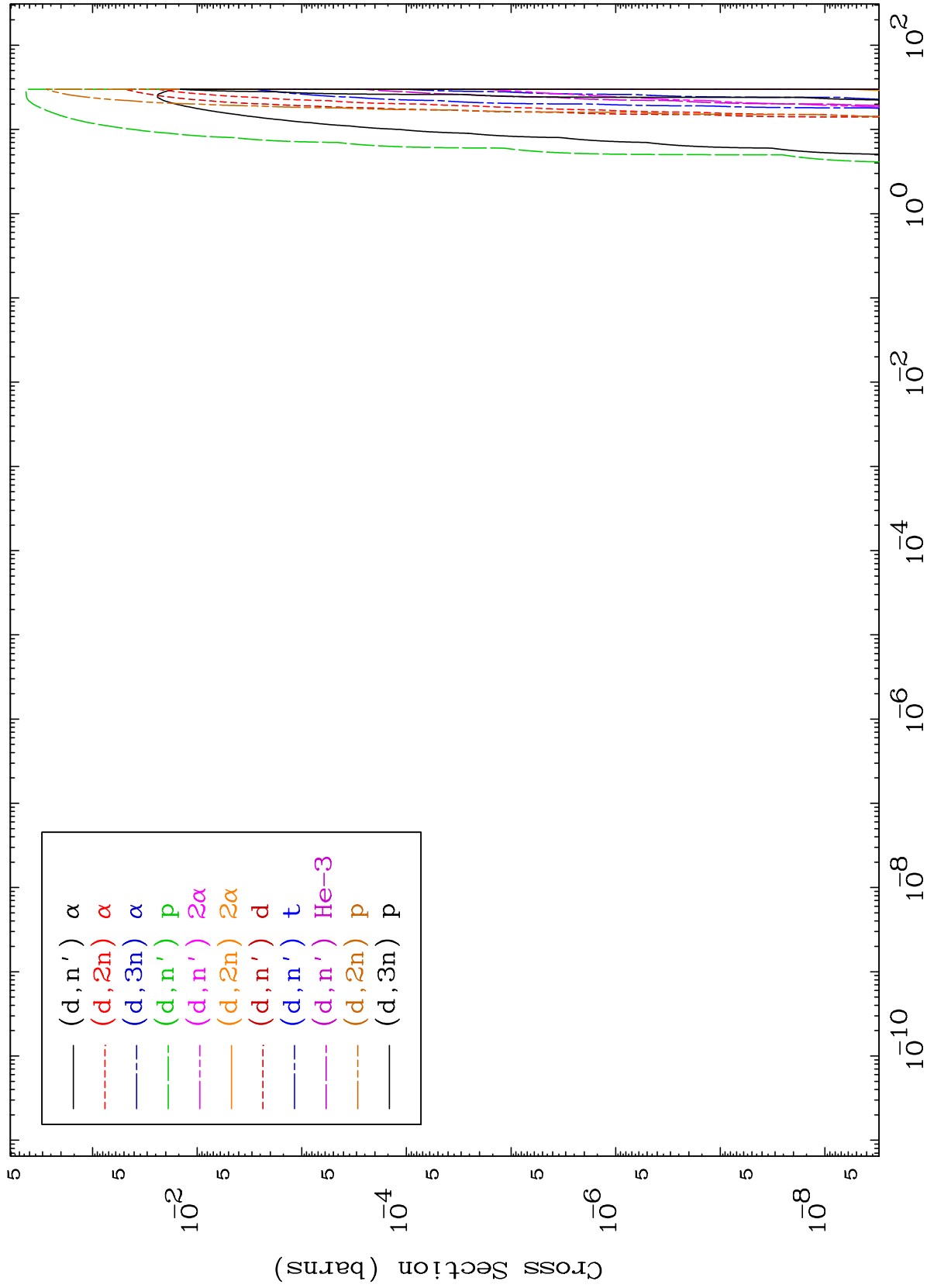
61-Pm-141



MAT 6131

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-141



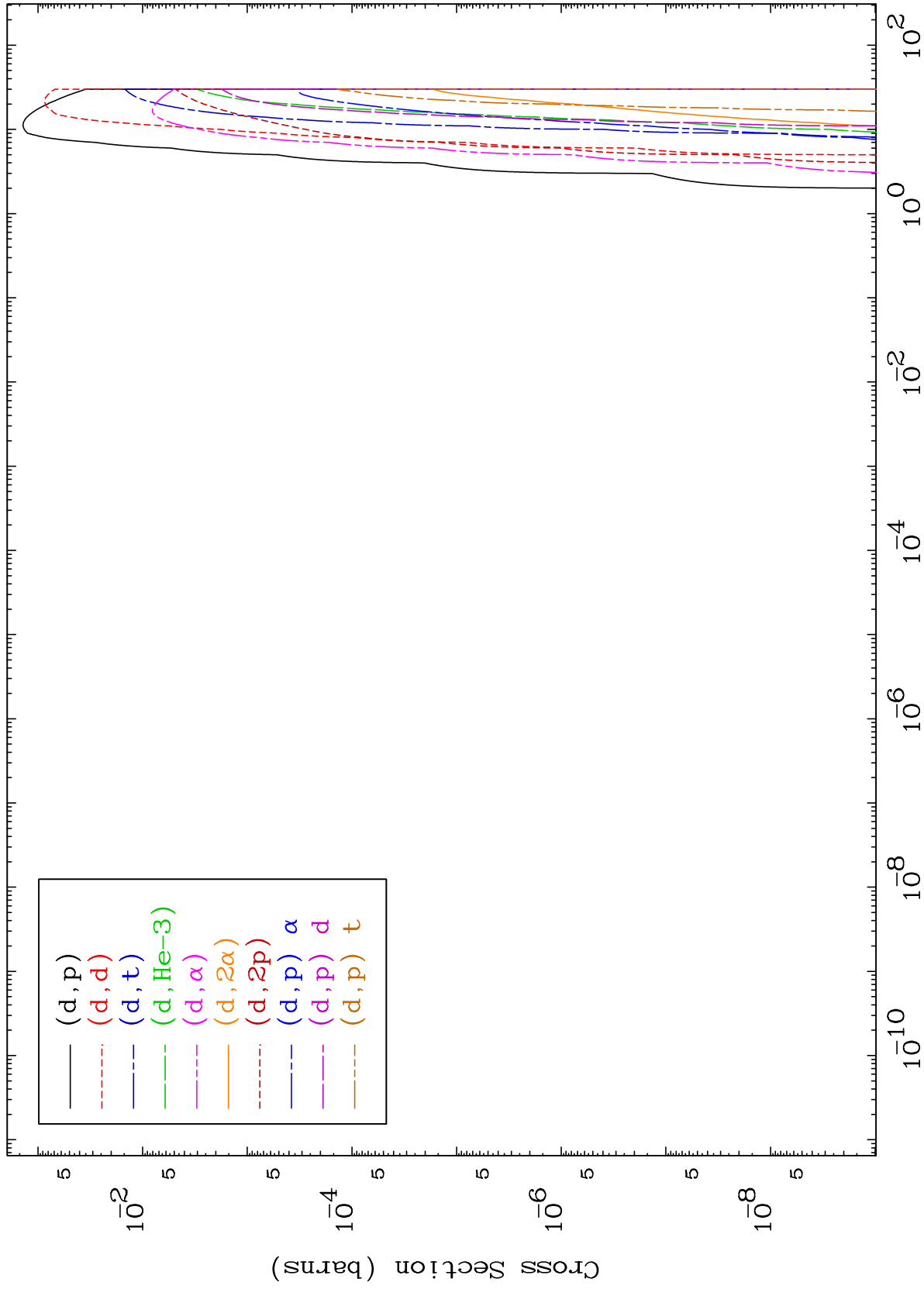
61-Pm-141

Incident Energy (MeV)

MAT 6131

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-141



5

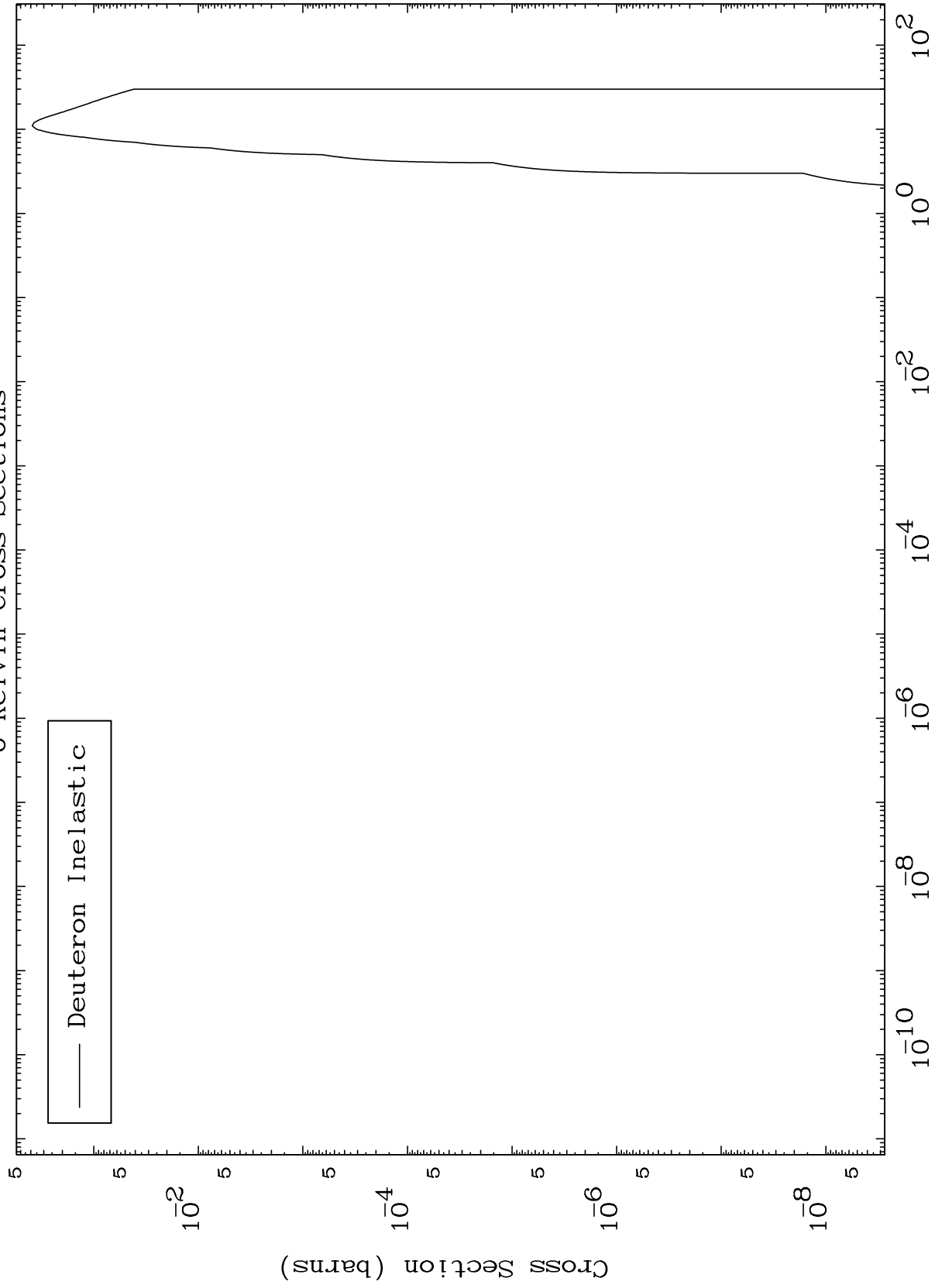
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,n') Level  
0 Kelvin Cross Sections

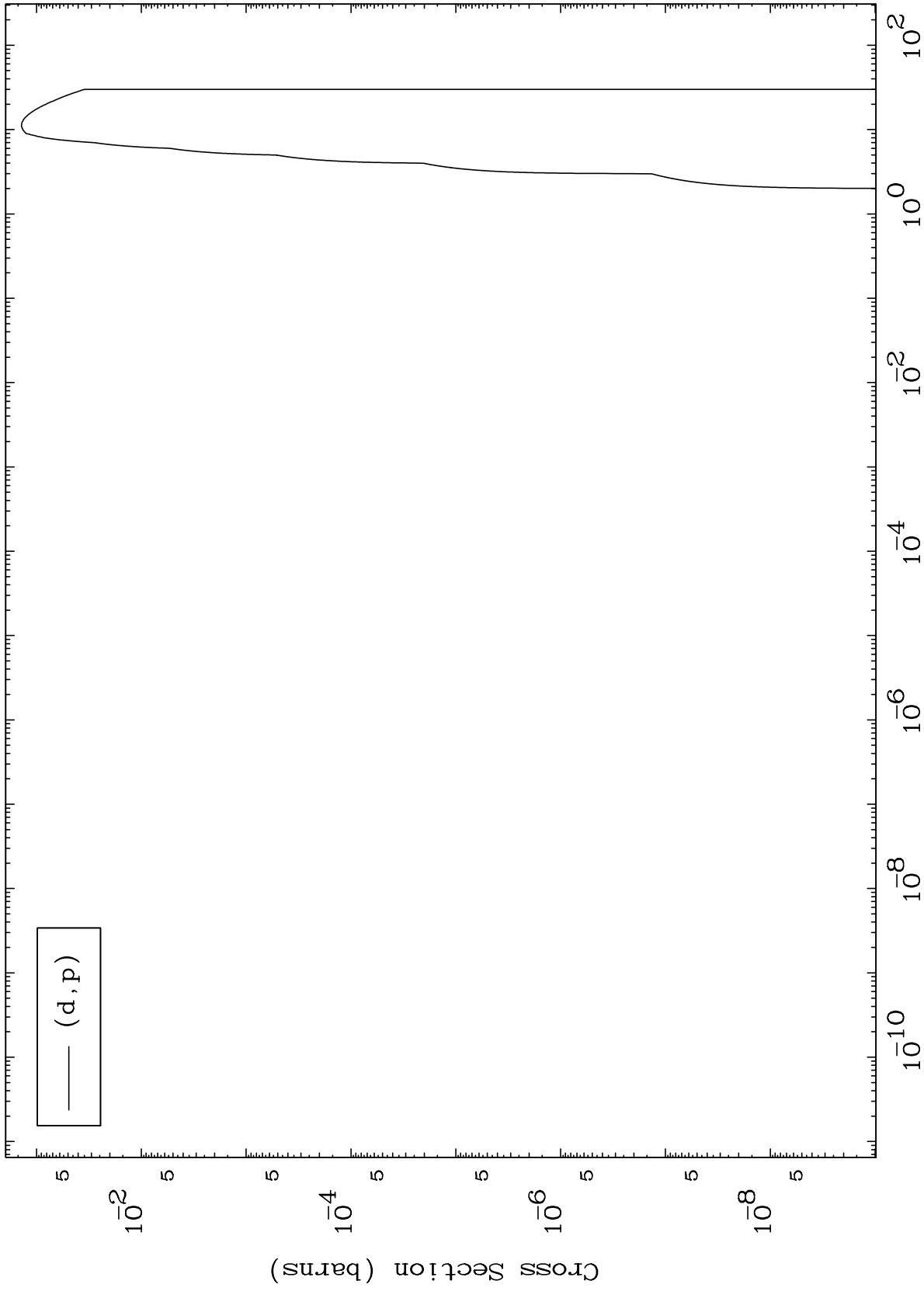
61-Pm-141



MAT 6131

(d,p) Levels  
0 Kelvin Cross Sections

61-Pm-141



7

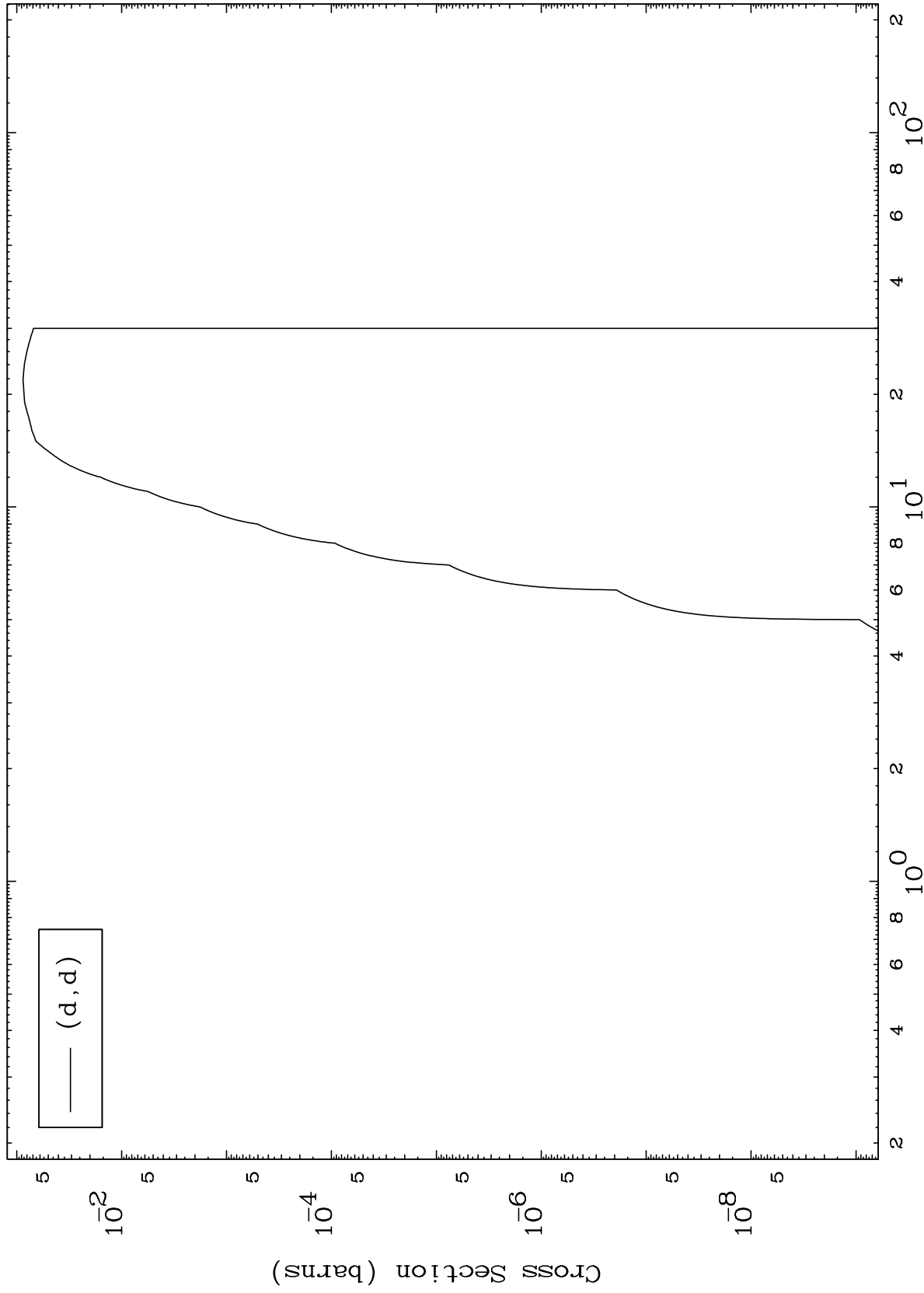
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,d) Levels  
0 Kelvin Cross Sections

61-Pm-141



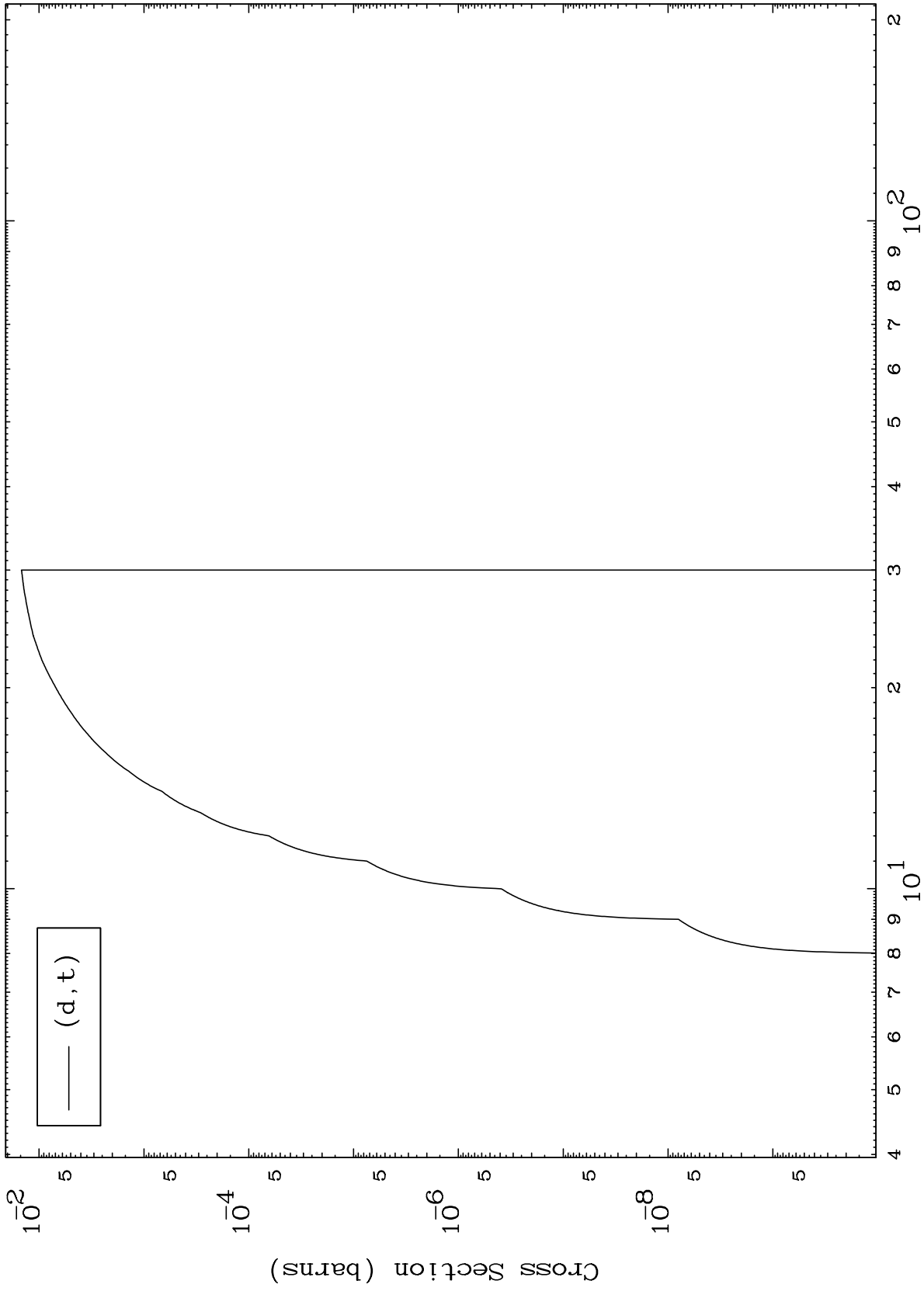
8

61-Pm-141

MAT 6131

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-141



9

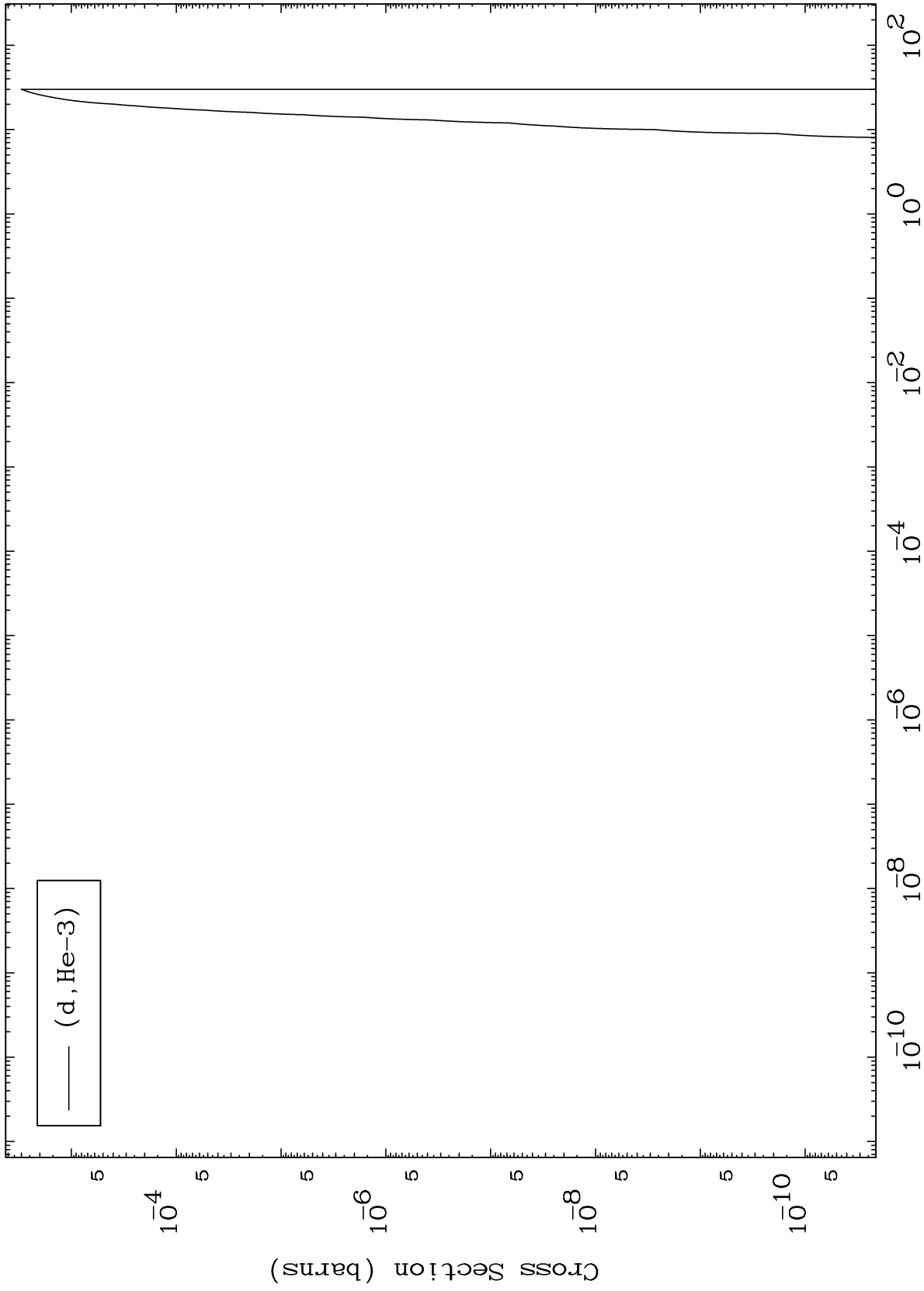
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,He3) Levels  
0 Kelvin Cross Sections

61-Pm-141



10

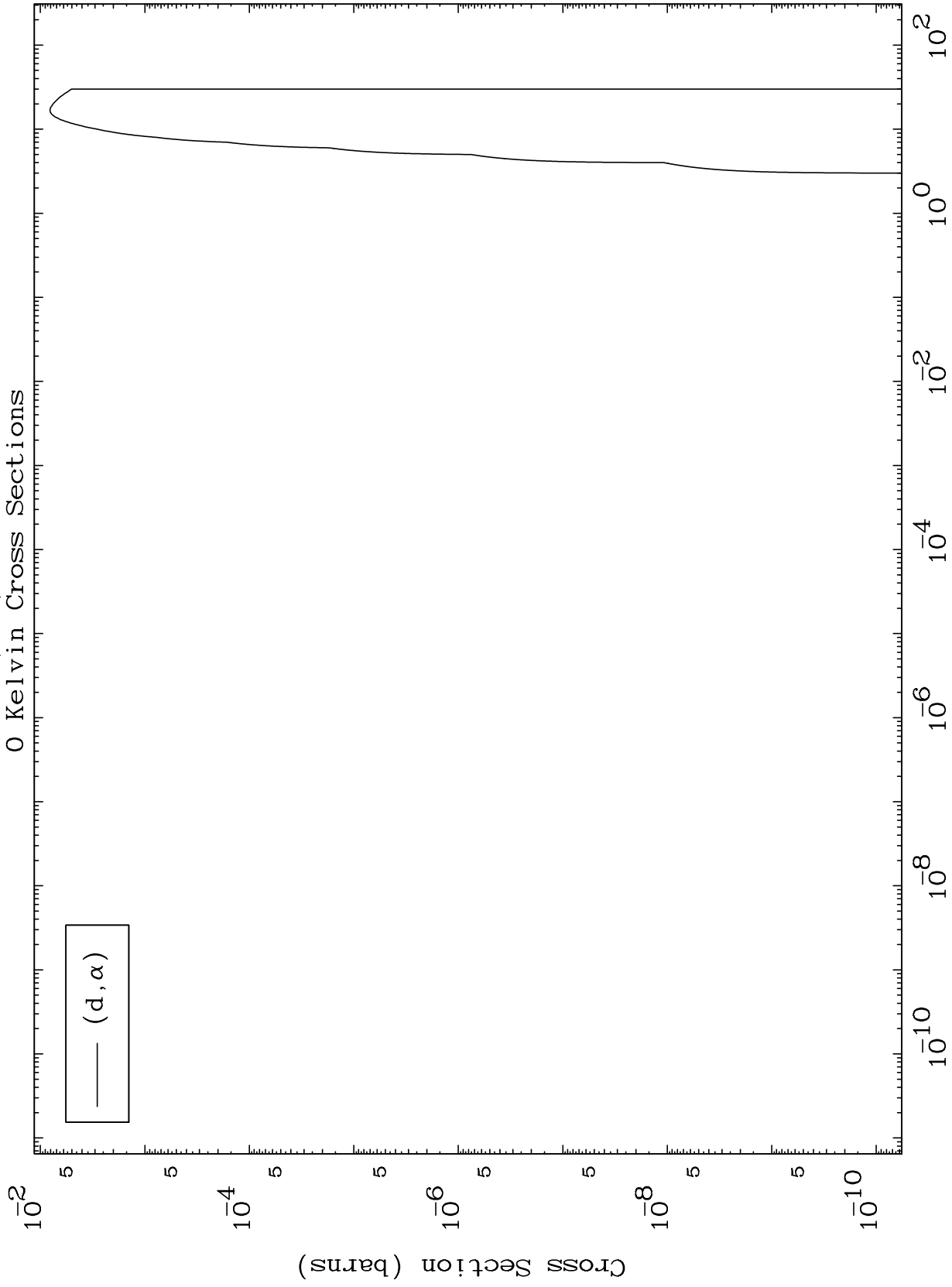
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



11

Incident Energy (MeV)

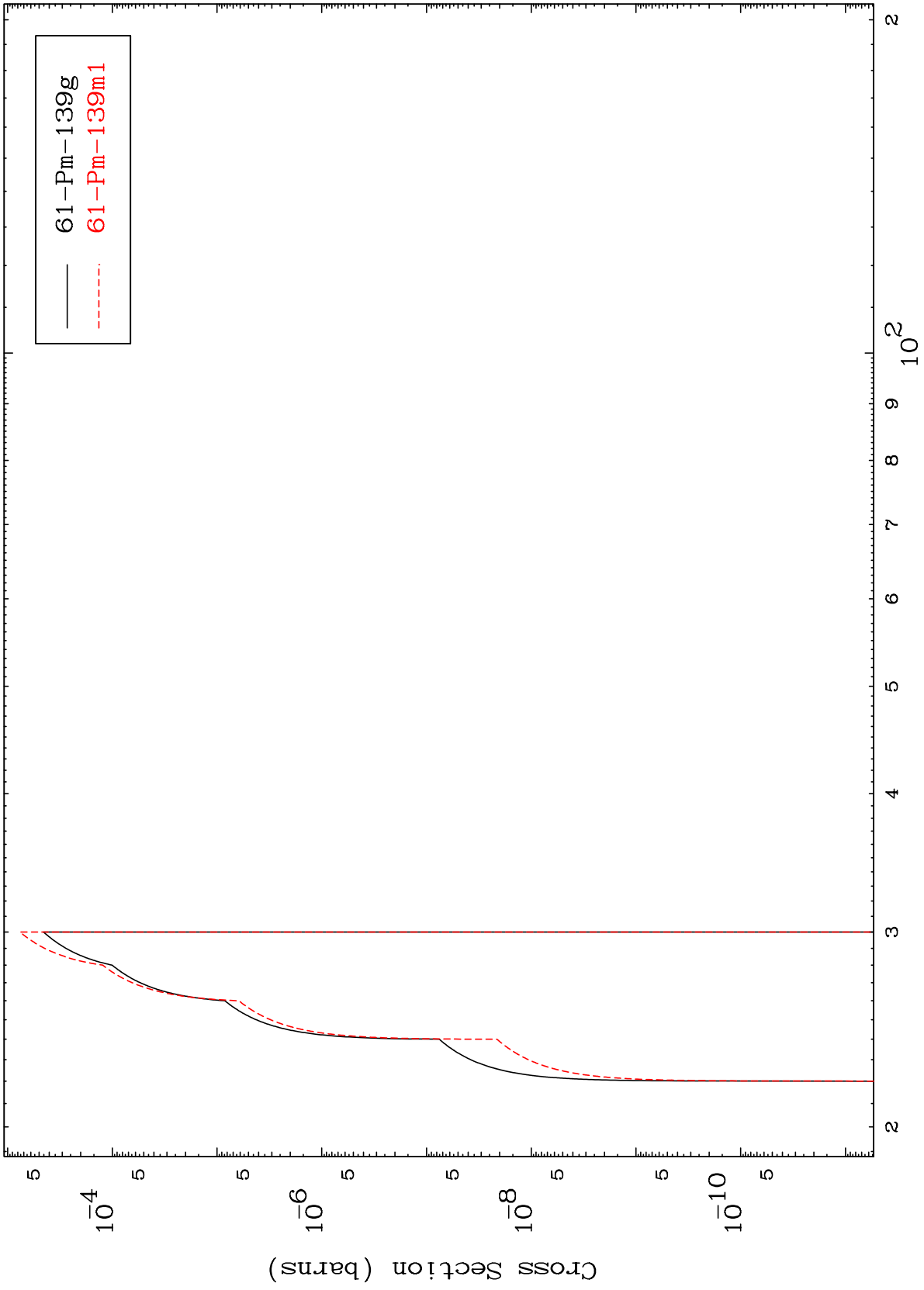
61-Pm-141

MAT 6131

(d,2n) d

61-Pm-141

Radionuclide Production Cross Section



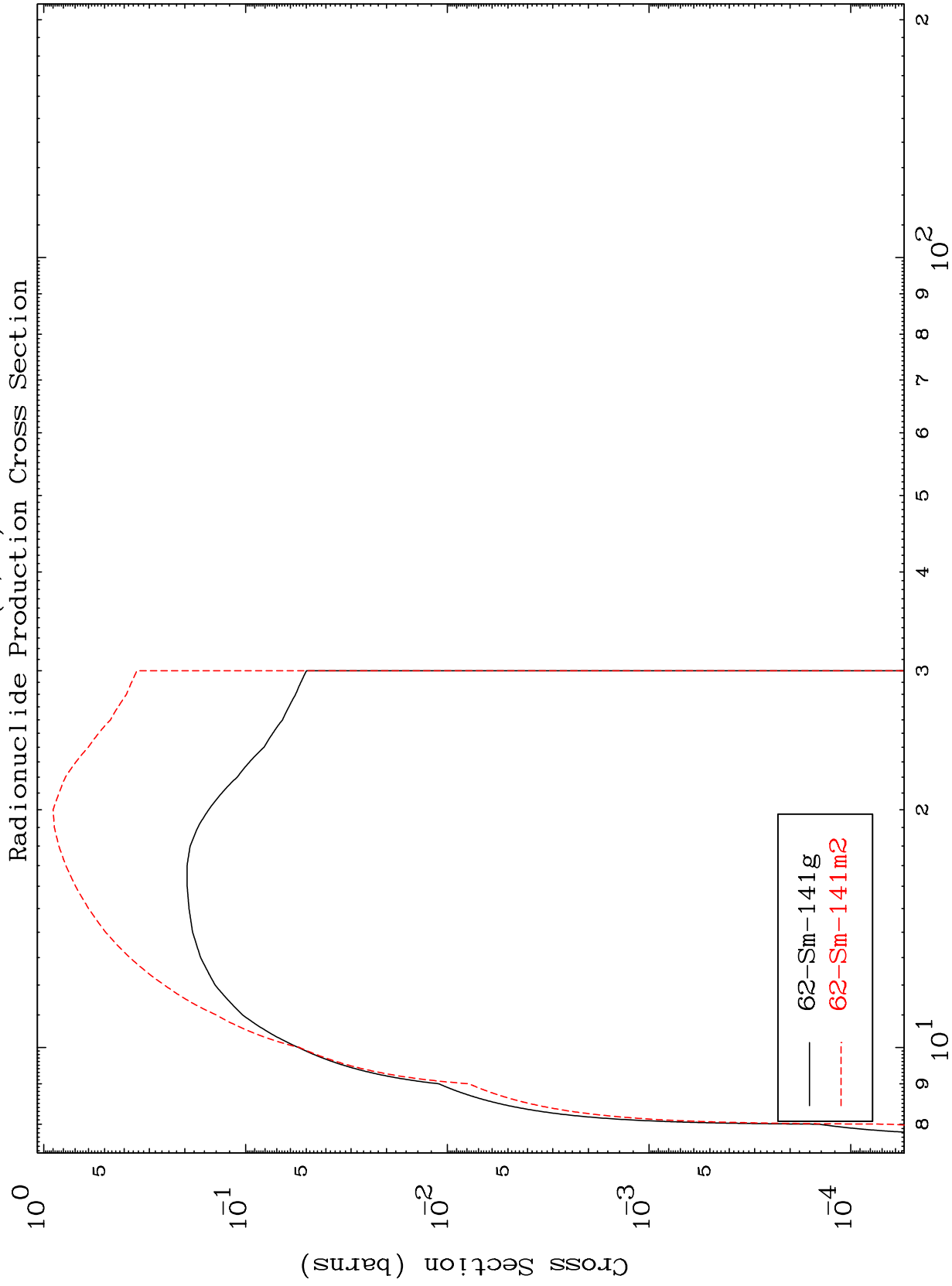
12

Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141



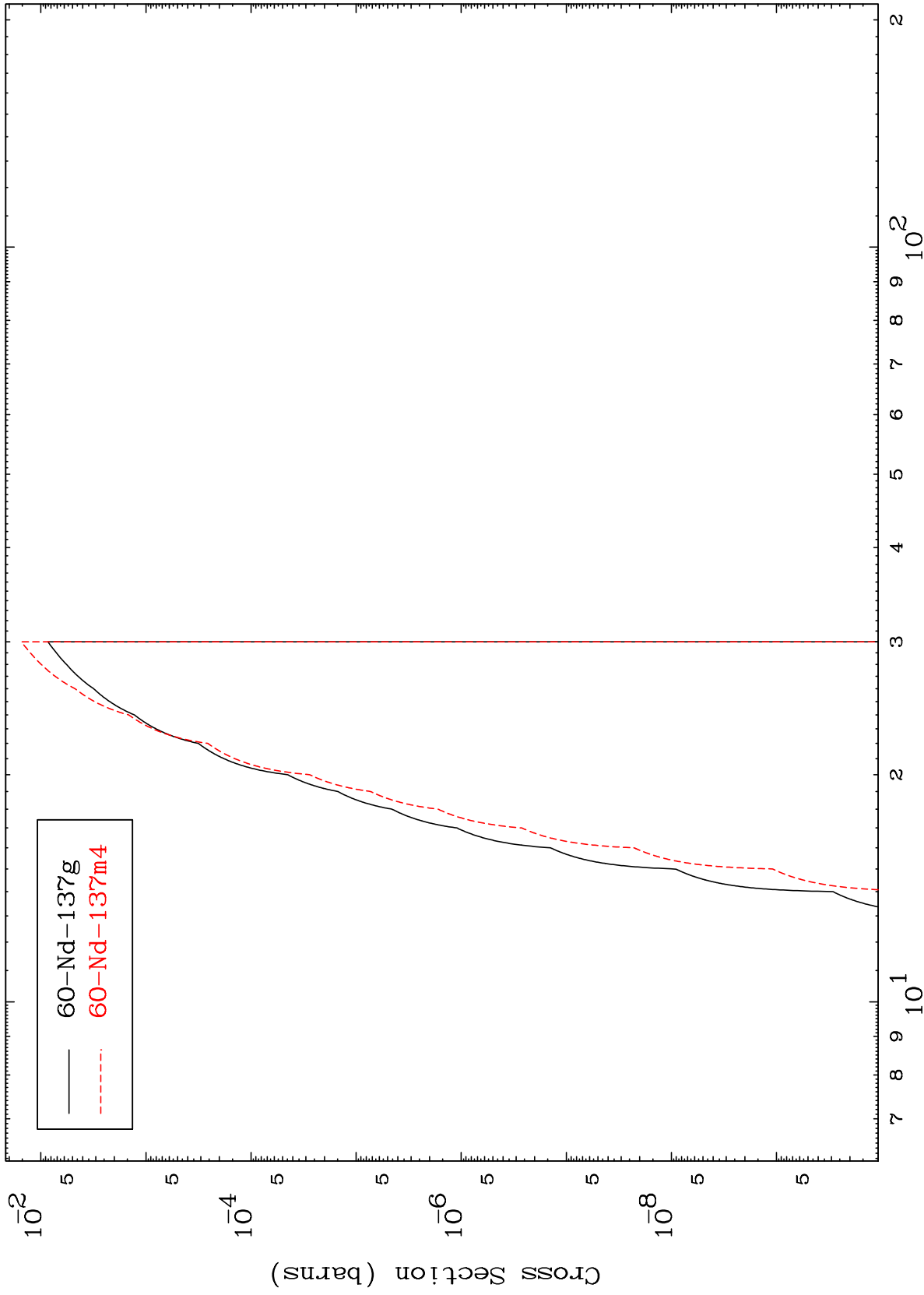
13

MAT 6131

$(d,2n) \alpha$

$^{61}\text{Pm-141}$

Radionuclide Production Cross Section



—  $^{60}\text{Nd-137g}$   
- - -  $^{60}\text{Nd-137m4}$

14

Incident Energy (MeV)

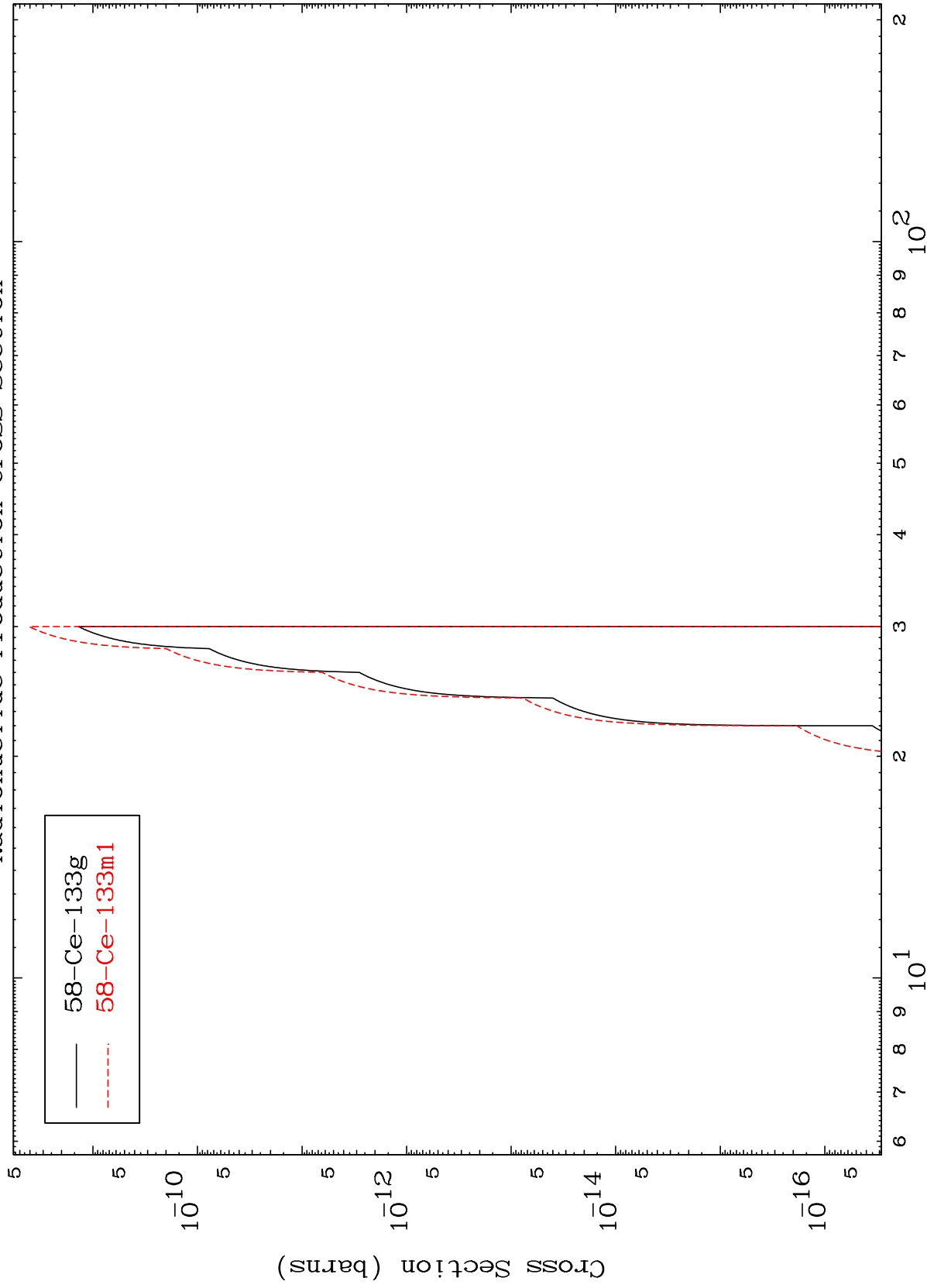
$^{61}\text{Pm-141}$

MAT 6131

$(d, 2n) 2\alpha$

61-Pm-141

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

15

Incident Energy (MeV)

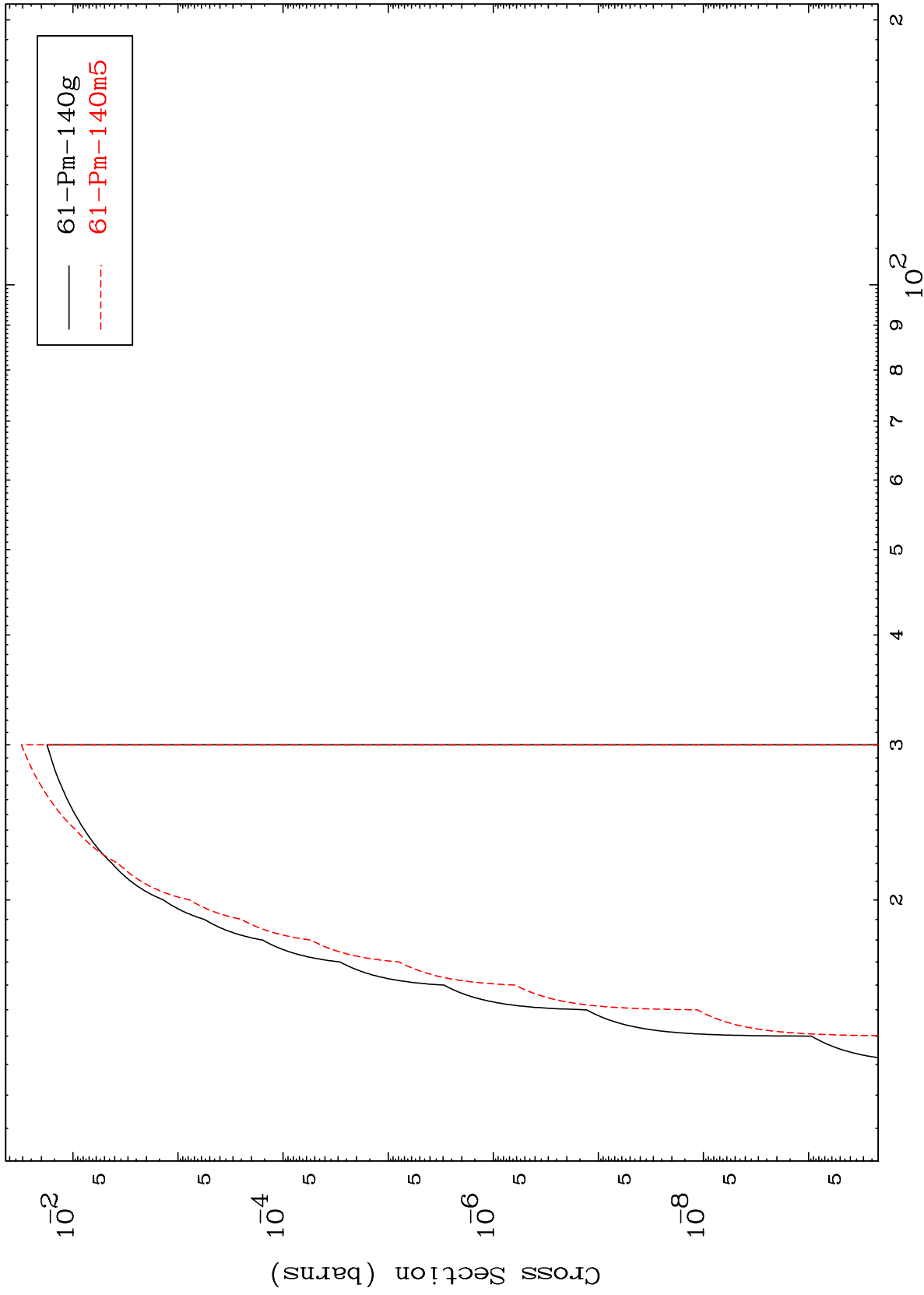
61-Pm-141

MAT 6131

(d,n') d

61-Pm-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

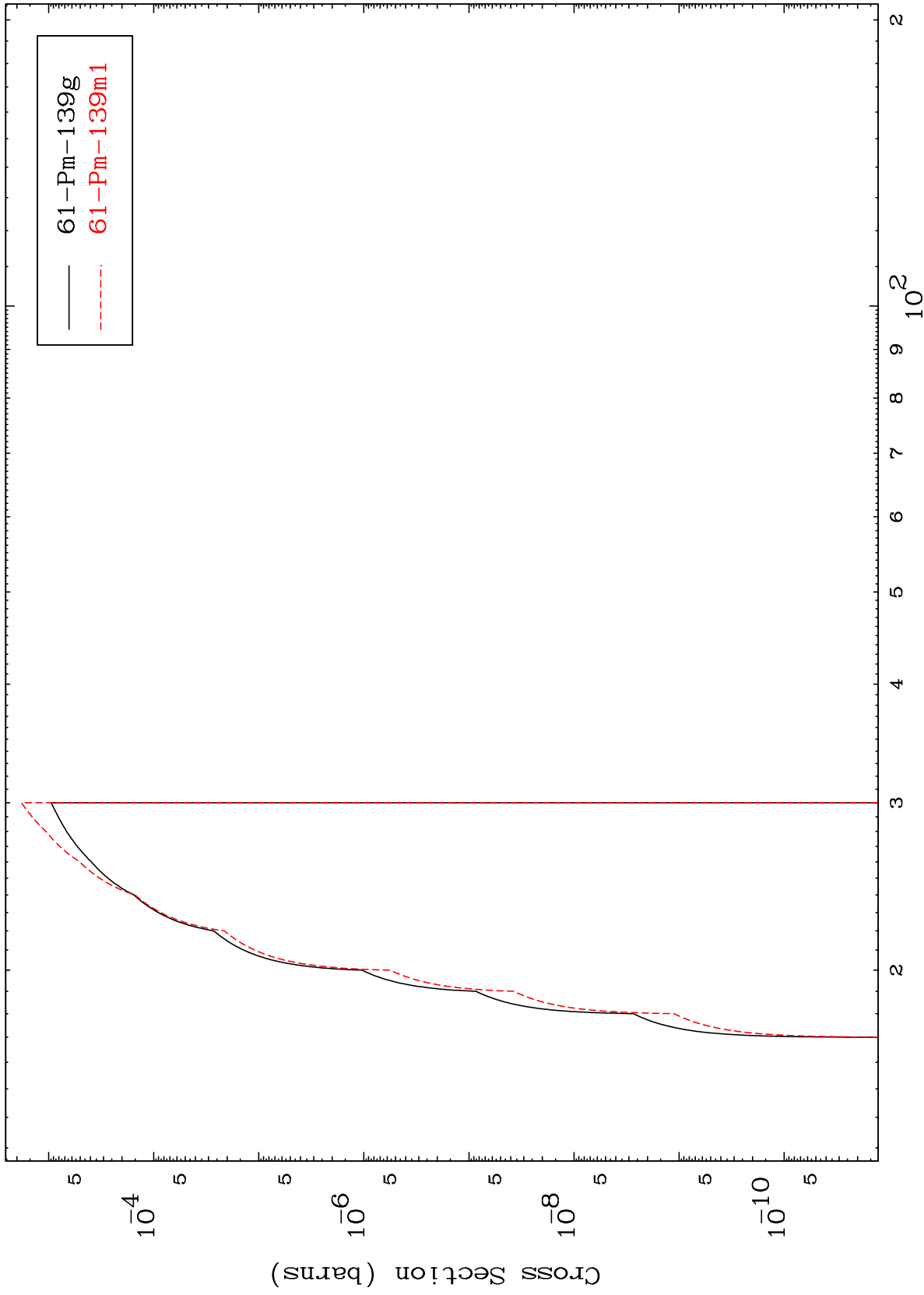
61-Pm-141

MAT 6131

(d,n') t

61-Pm-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

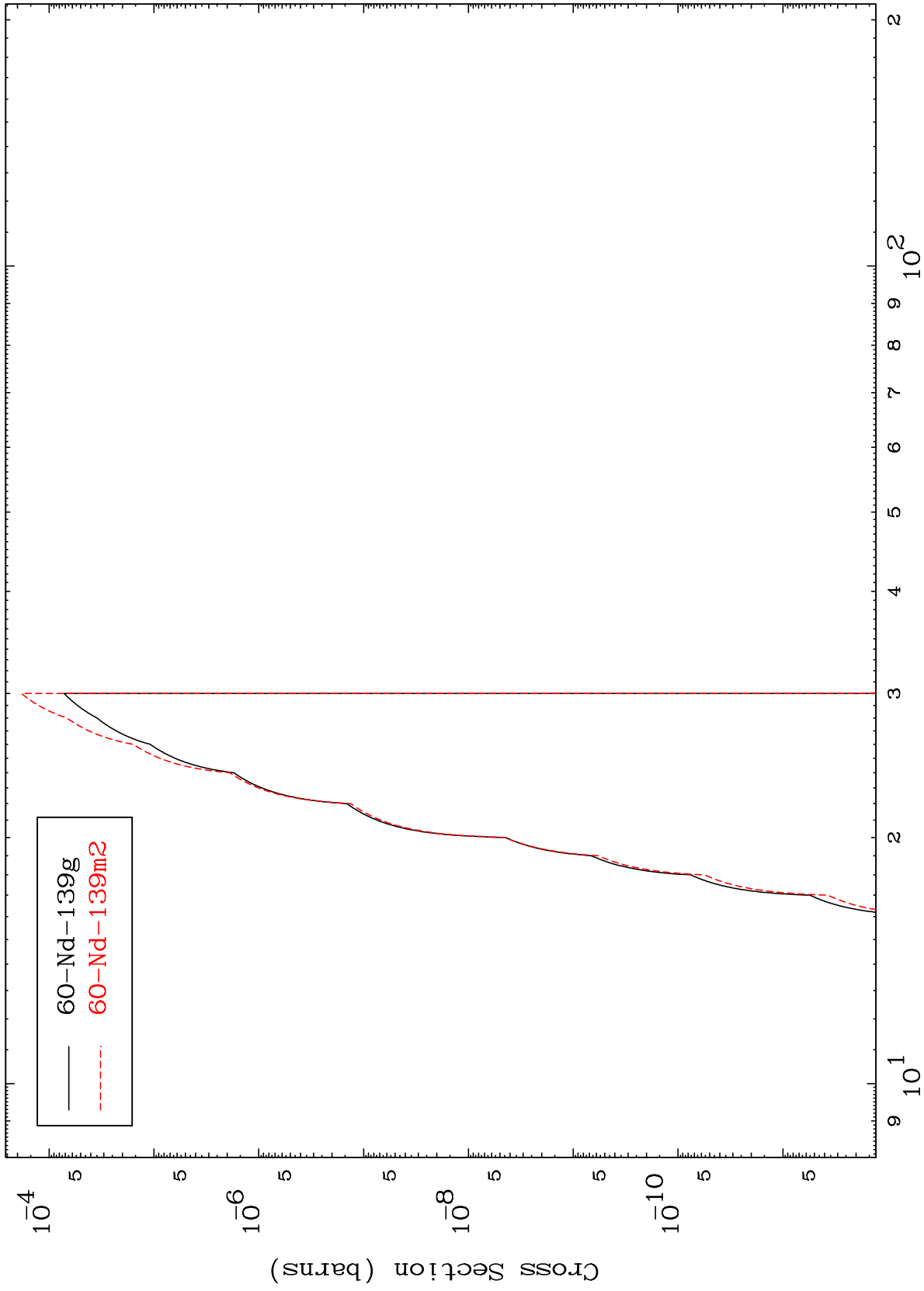
61-Pm-141

MAT 6131

(d, n') He-3

61-Pm-141

Radionuclide Production Cross Section

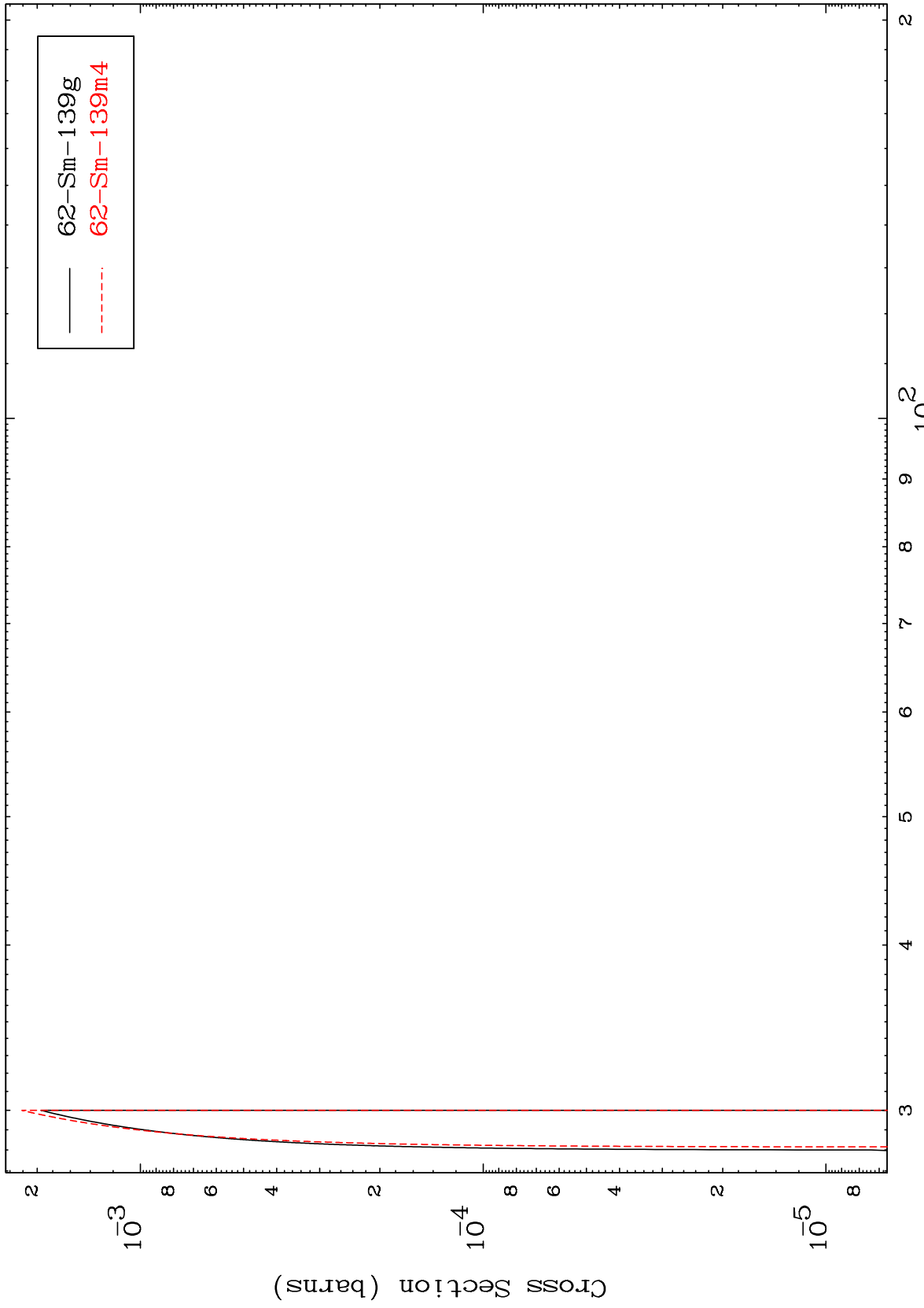


18

MAT 6131

61-Pm-141

(d,4n)  
Radionuclide Production Cross Section



19

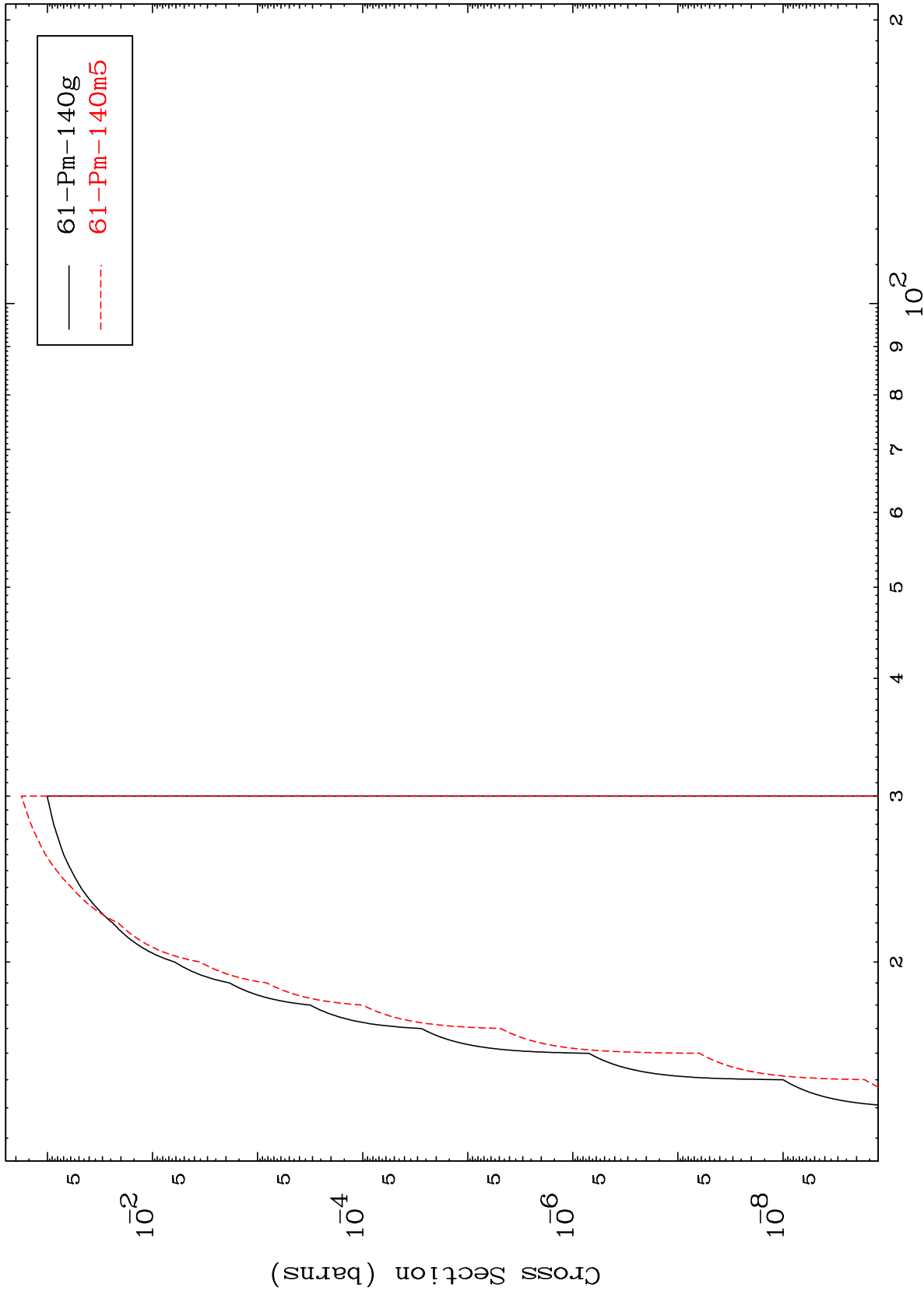
61-Pm-141

MAT 6131

(d,2n) p

61-Pm-141

Radionuclide Production Cross Section



20

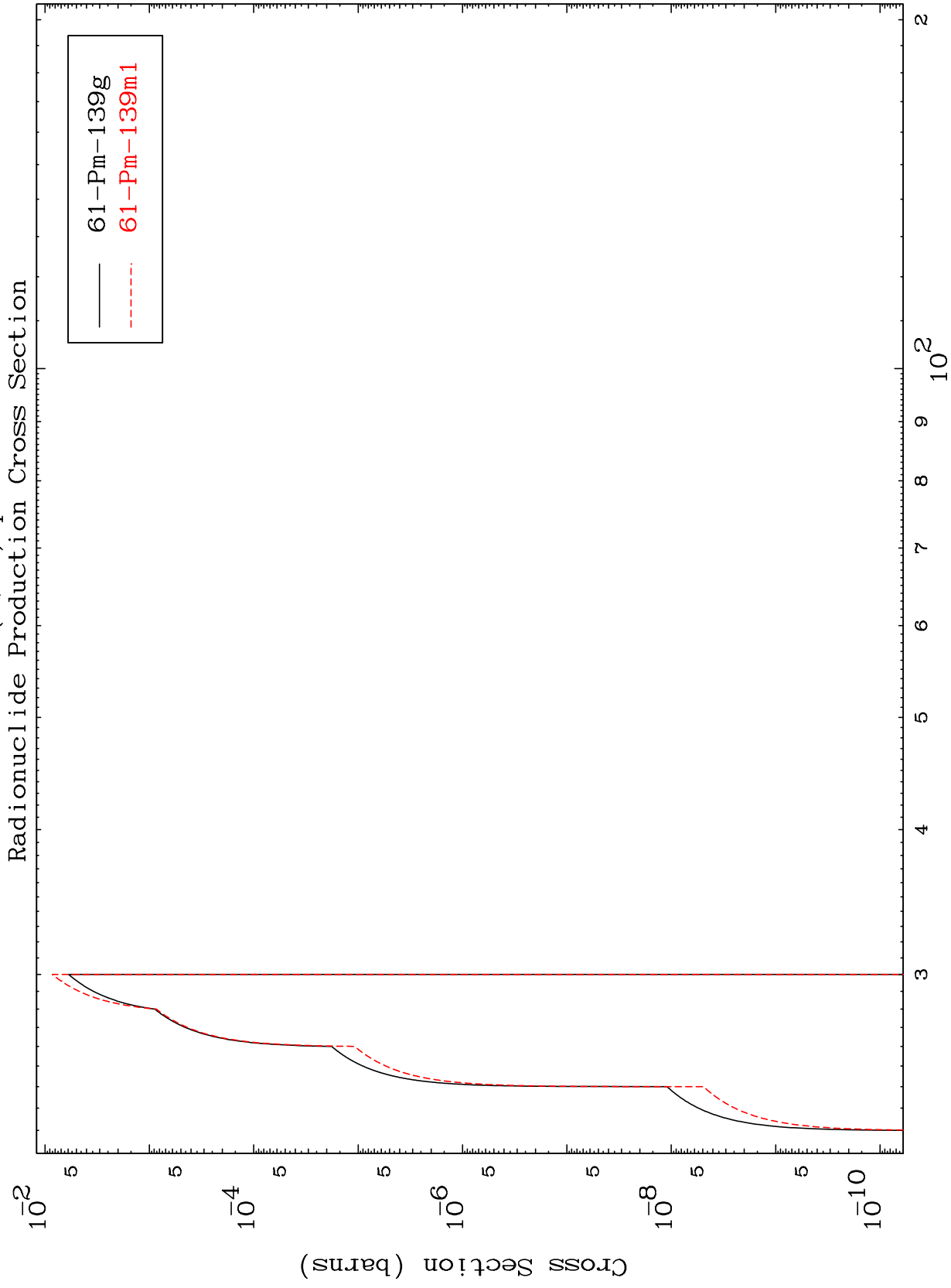
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,3n) p

61-Pm-141



21

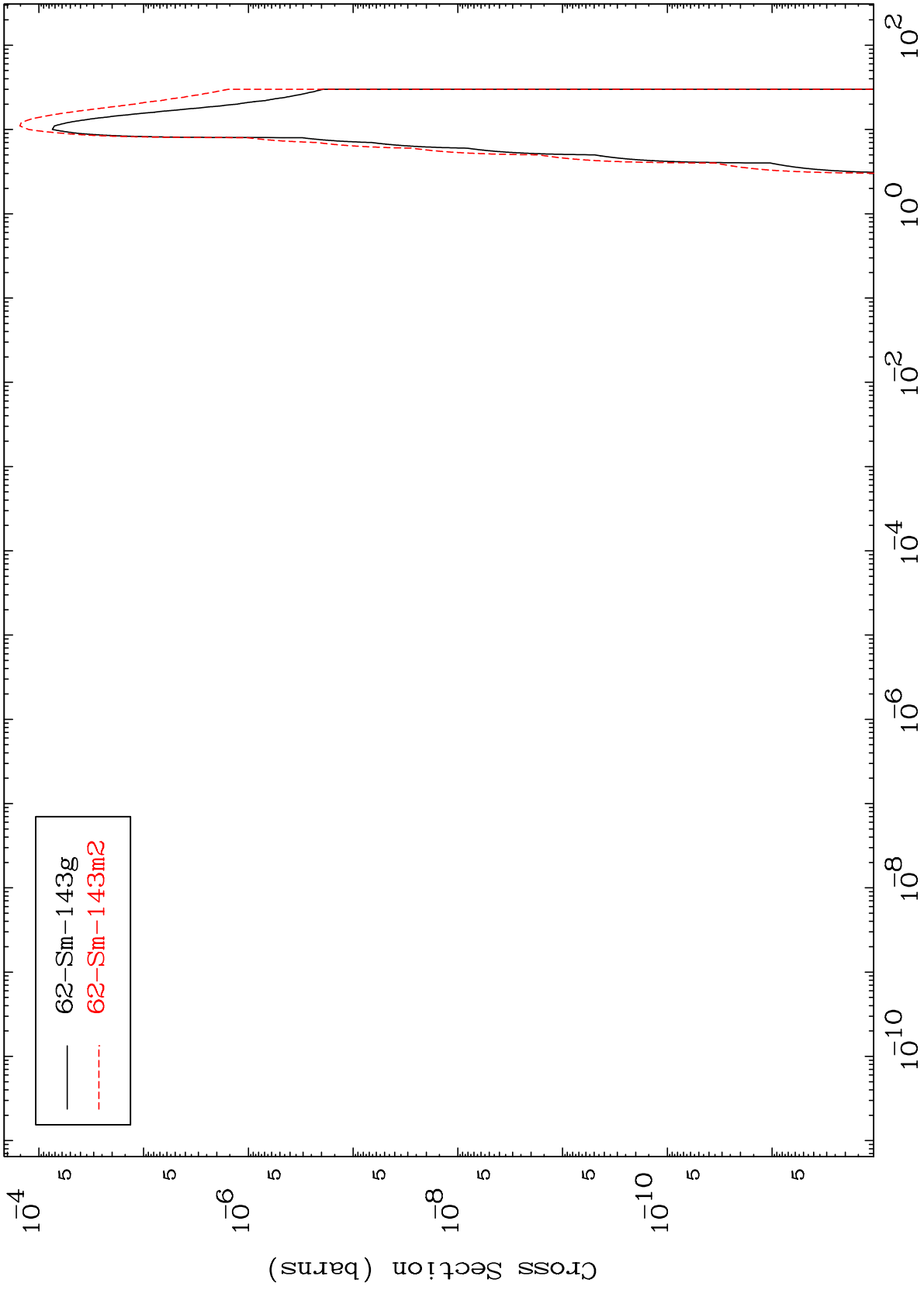
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,  $\gamma$ )  
Radionuclide Production Cross Section

61-Pm-141



61-Pm-141

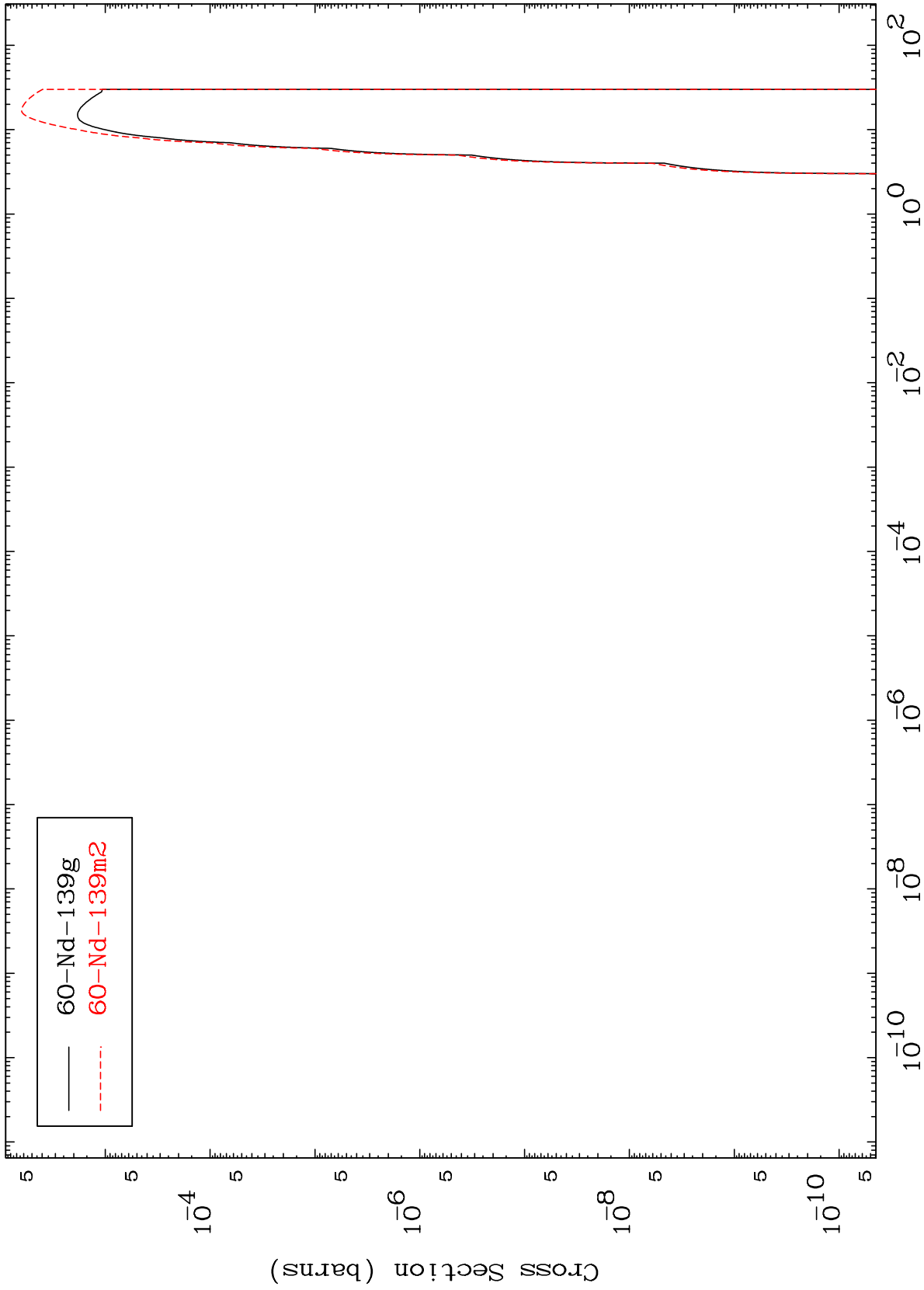


MAT 6131

(d,  $\alpha$ )

61-Pm-141

Radionuclide Production Cross Section

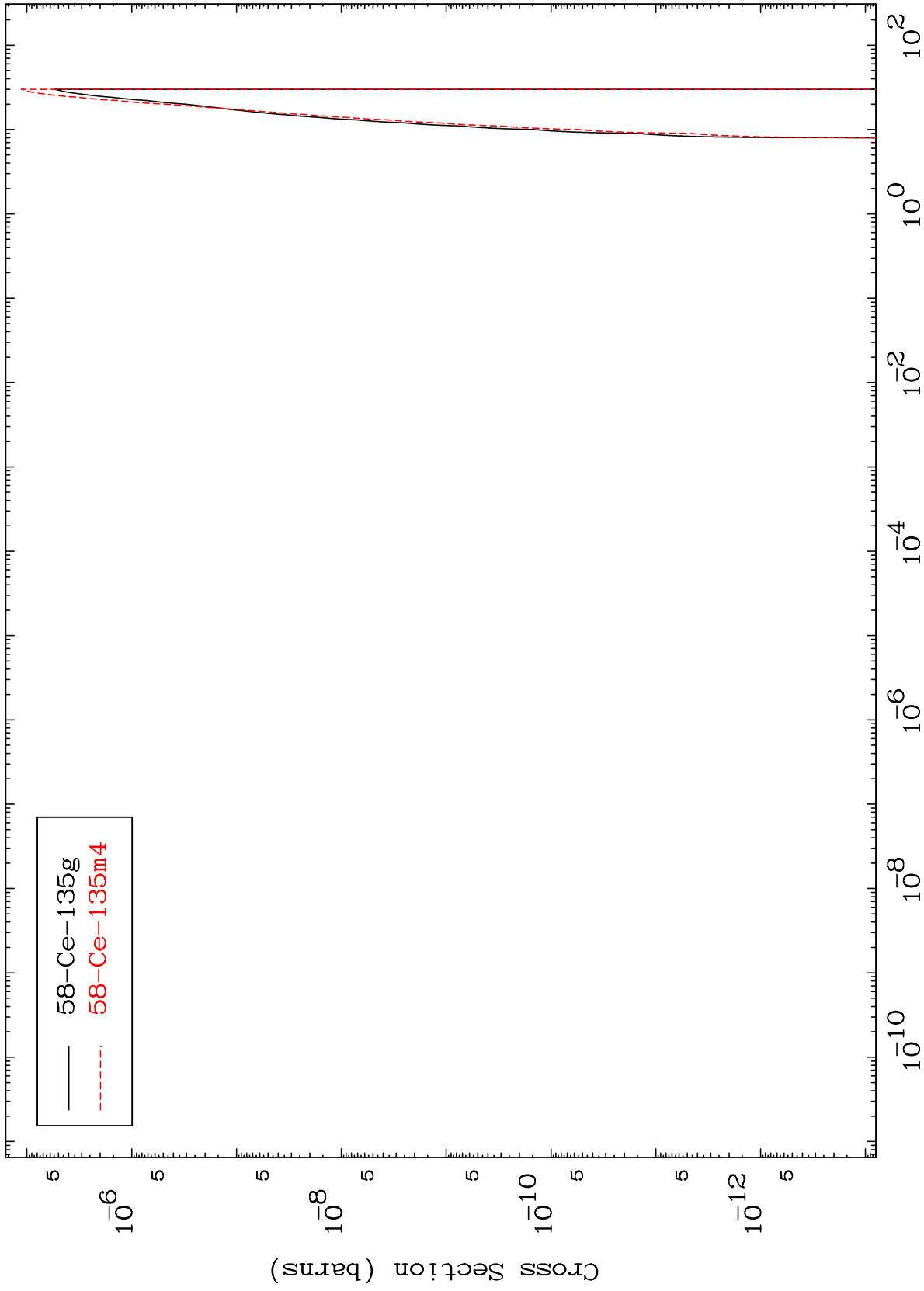


MAT 6131

(d,2α)

61-Pm-141

Radionuclide Production Cross Section

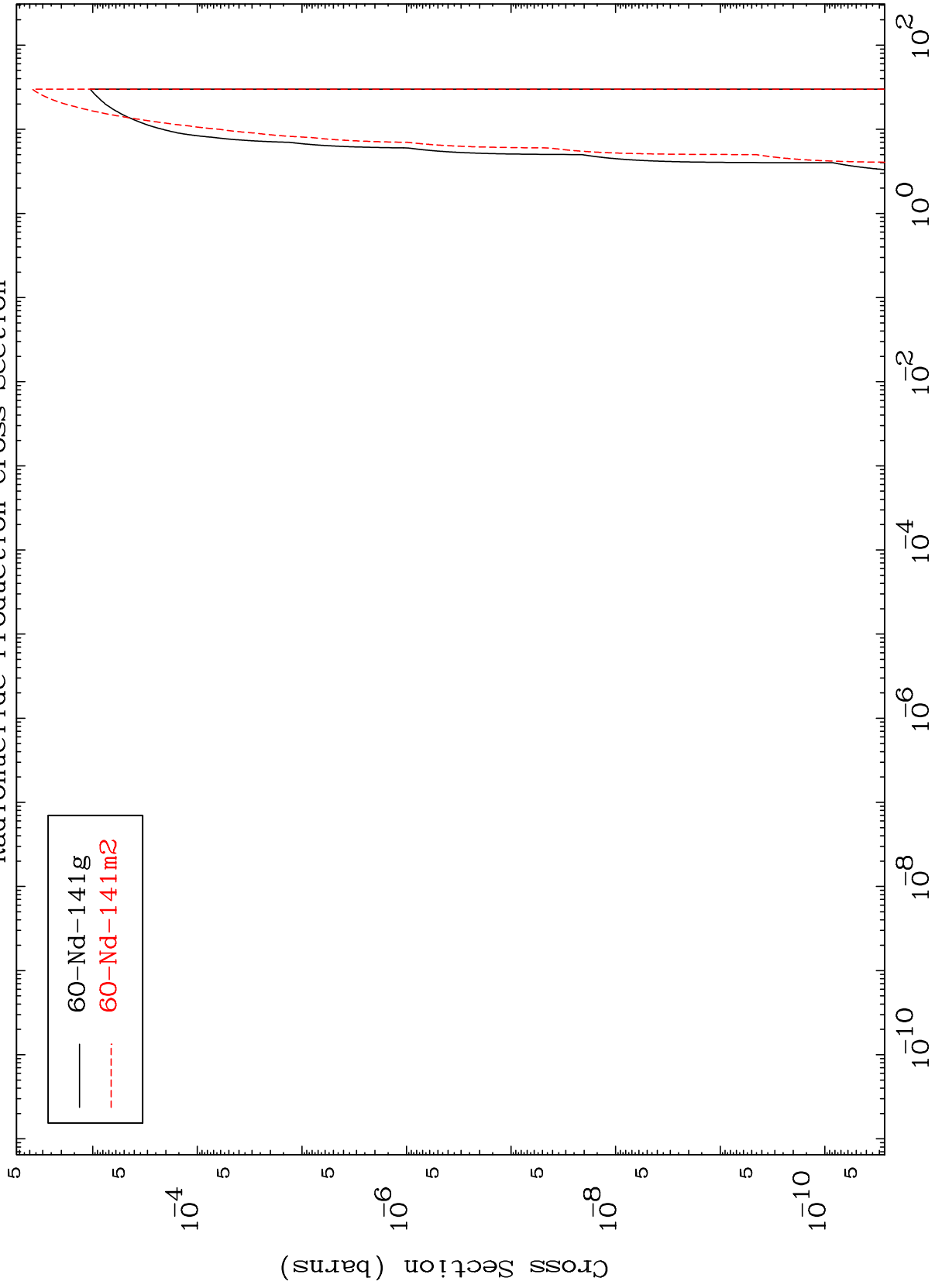


MAT 6131

(d,2p)

61-Pm-141

Radionuclide Production Cross Section



26

Incident Energy (MeV)

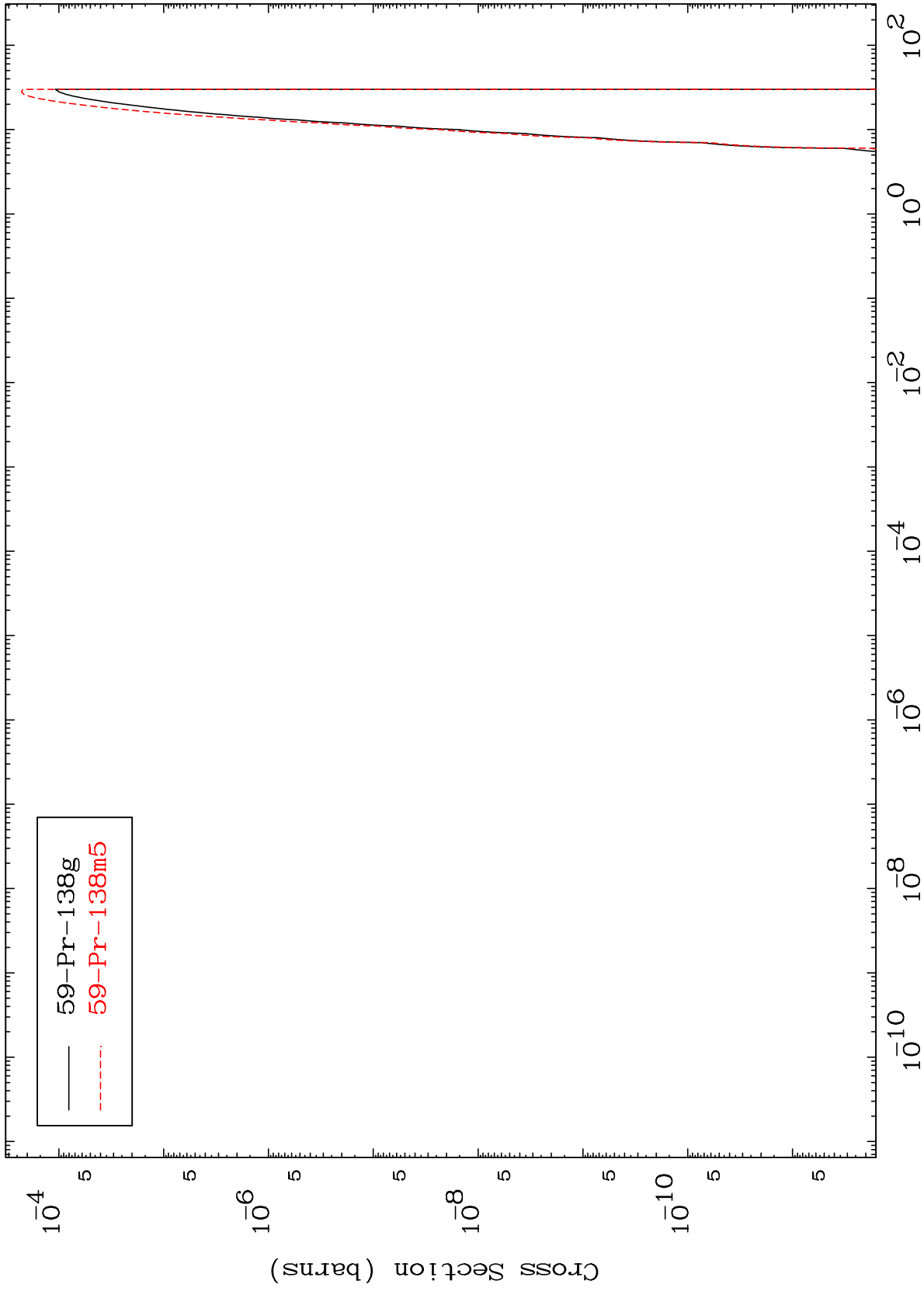
61-Pm-141

MAT 6131

(d,p)  $\alpha$

61-Pm-141

Radionuclide Production Cross Section

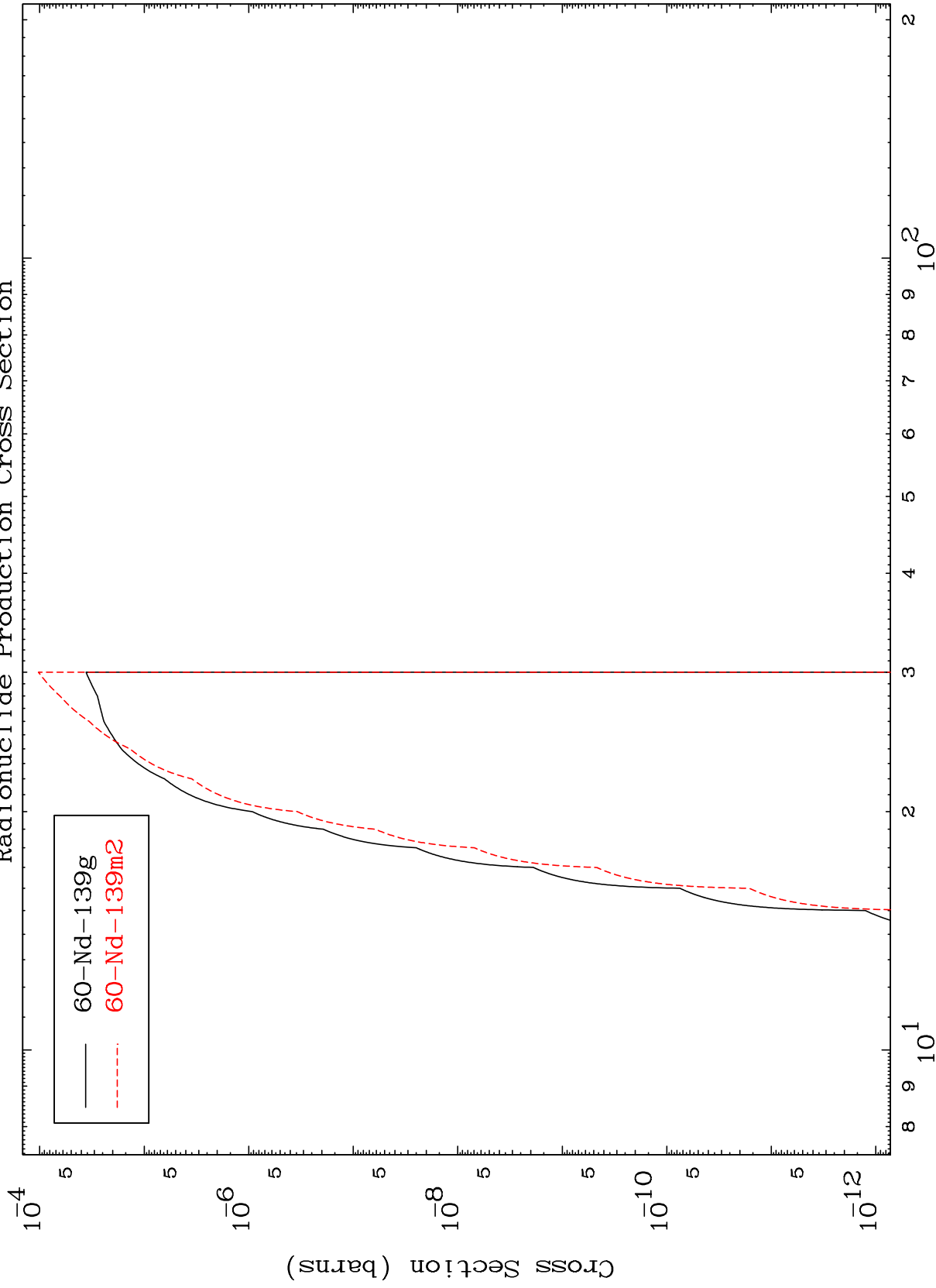


MAT 6131

(d,p) t

61-Pm-141

Radionuclide Production Cross Section



28

Incident Energy (MeV)

61-Pm-141