

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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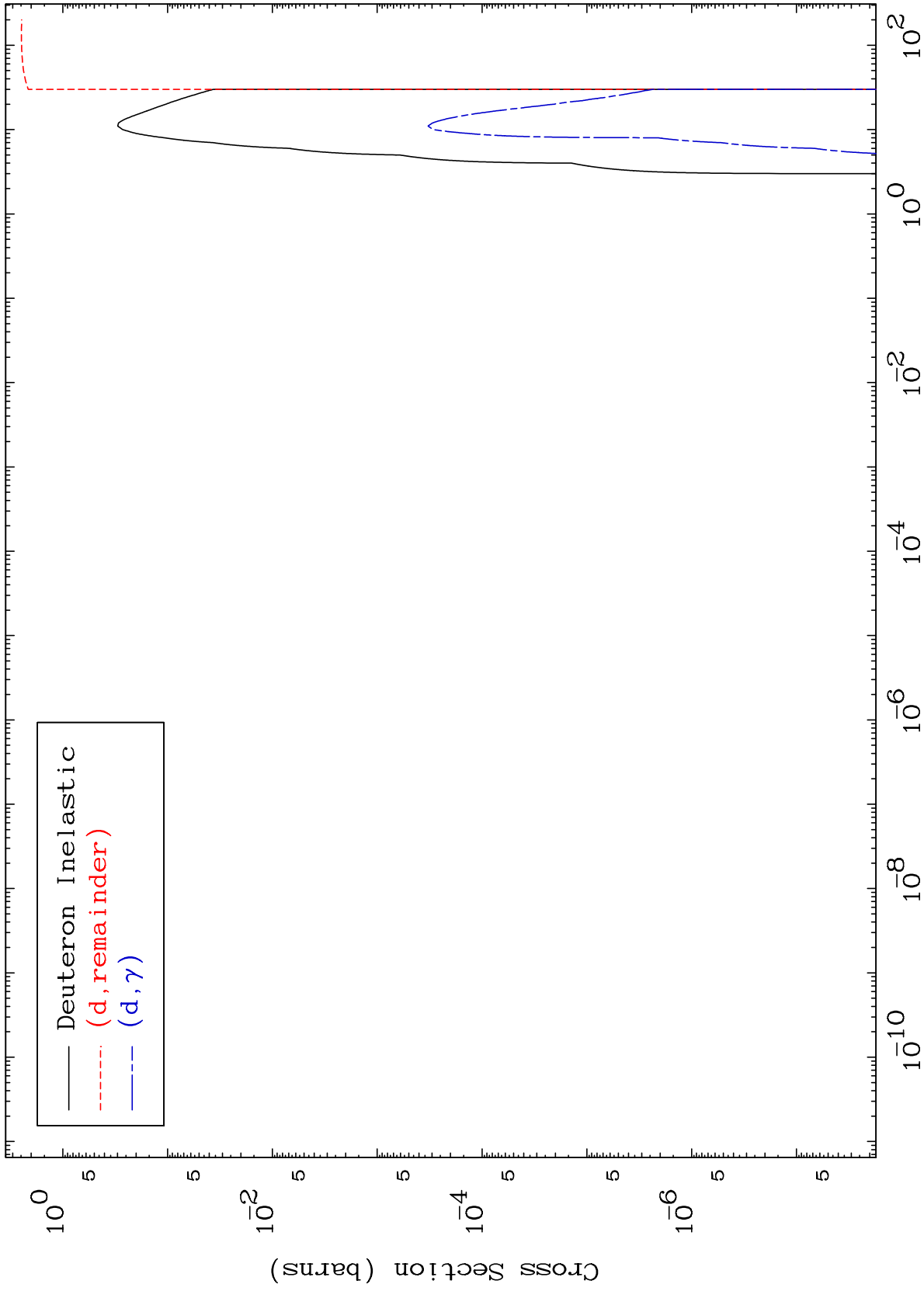
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6123

Deuteron Major  
0 Kelvin Cross Sections

61-Pm-138



1

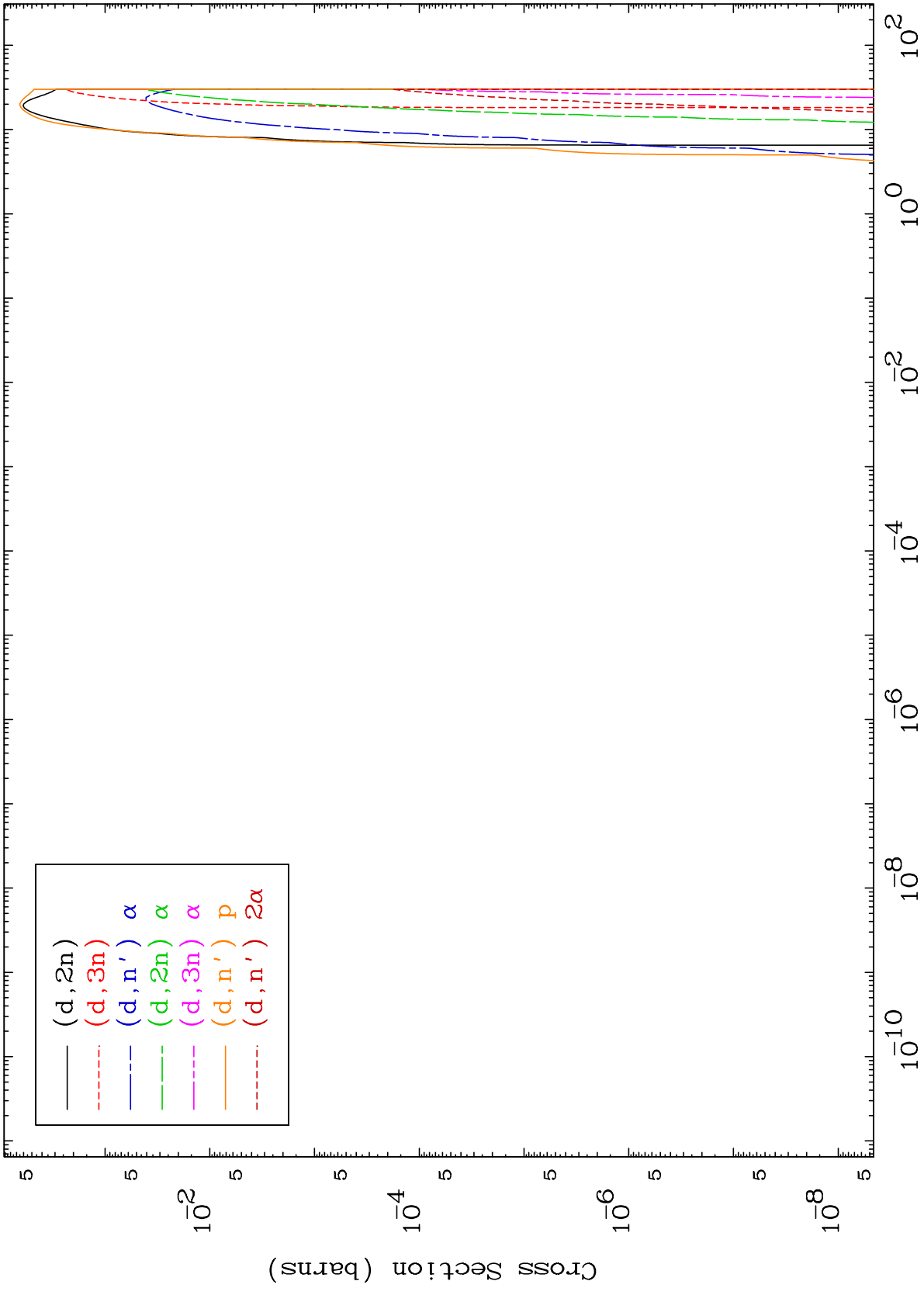
Incident Energy (MeV)

61-Pm-138

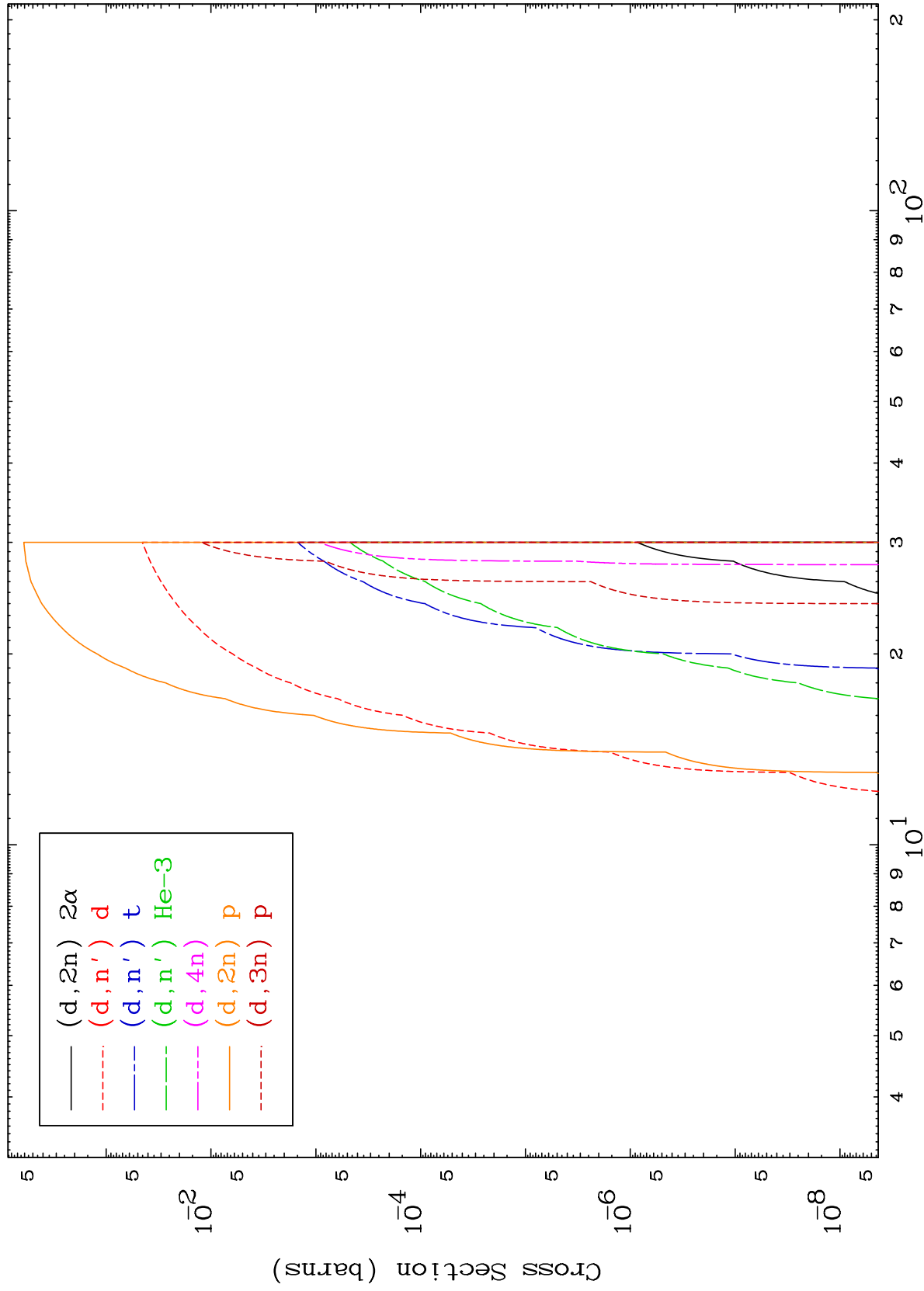
MAT 6123

Deuteron Neutron Production  
0 Kelvin Cross Sections

61-Pm-138



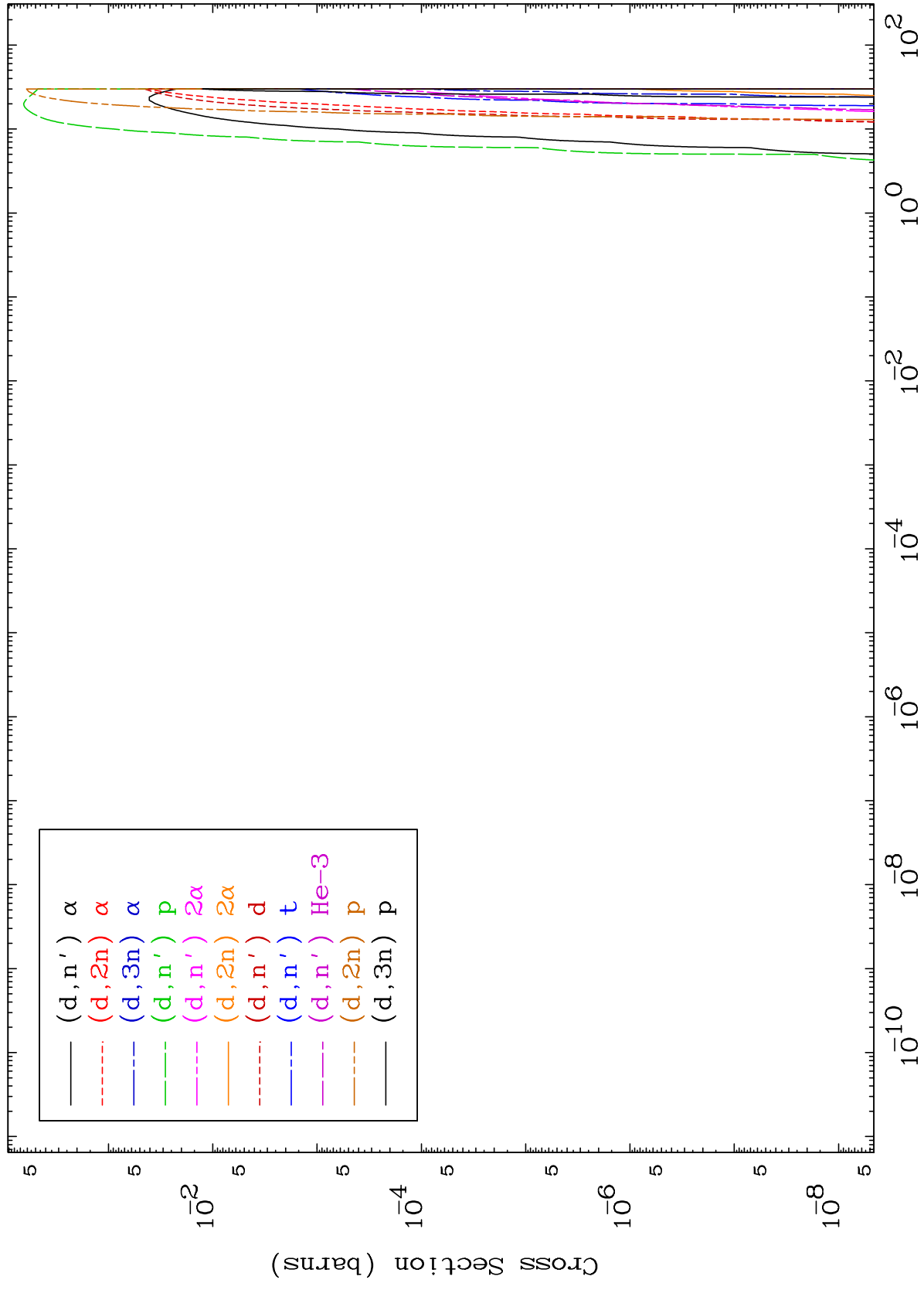
61-Pm-138



MAT 6123

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-138



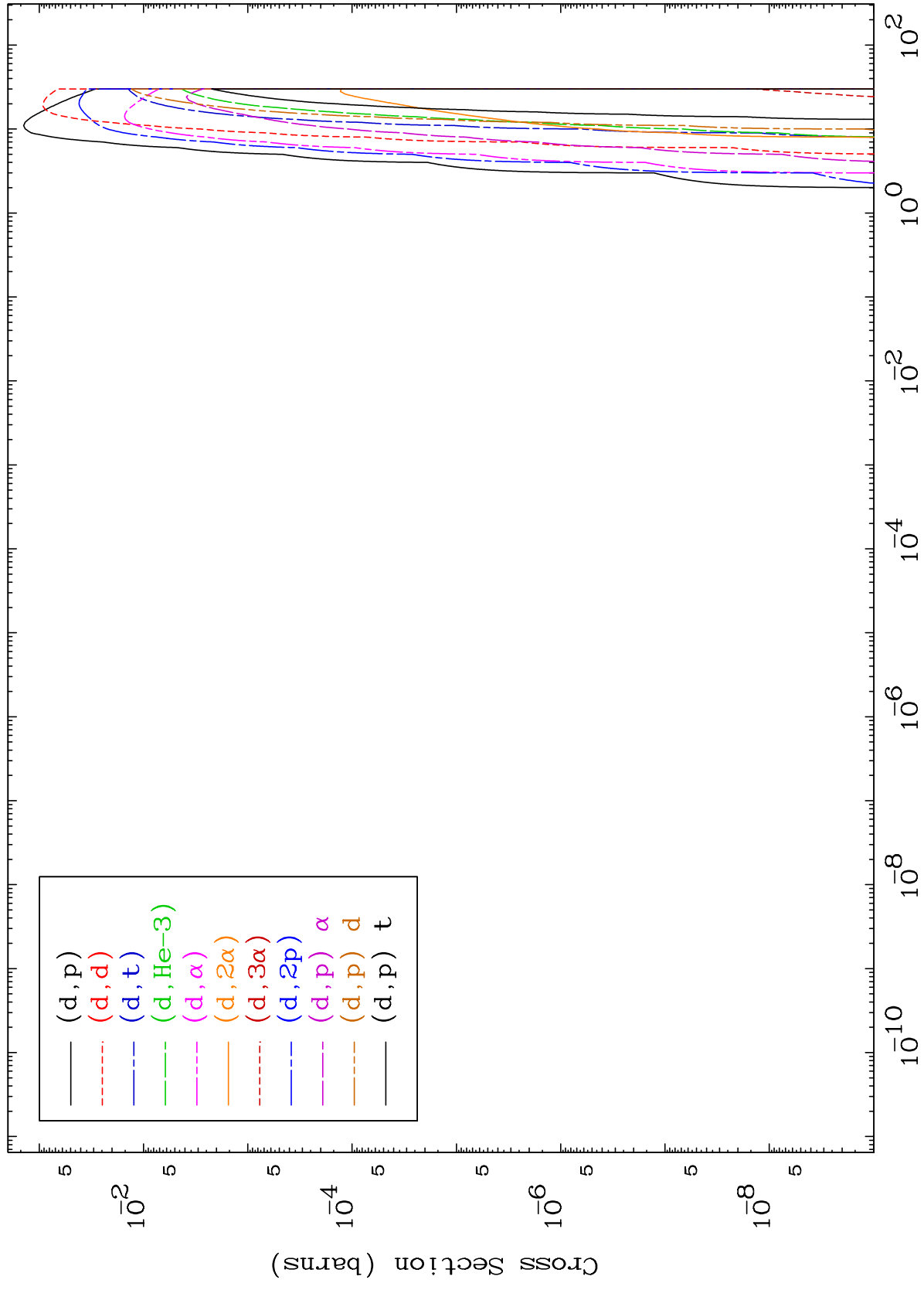
61-Pm-138

Incident Energy (MeV)

MAT 6123

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-138

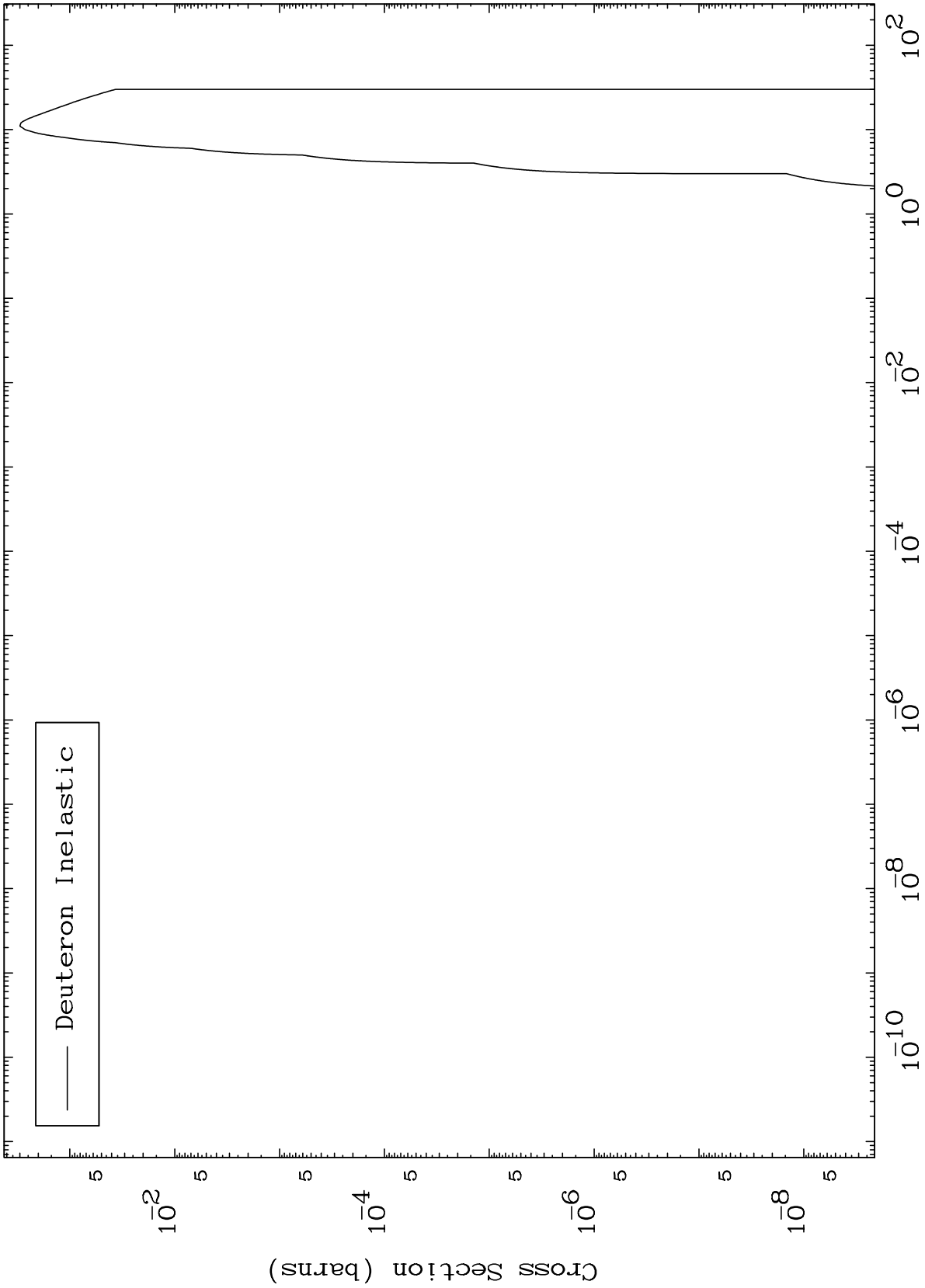


61-Pm-138

MAT 6123

(d,n') Level  
0 Kelvin Cross Sections

61-Pm-138

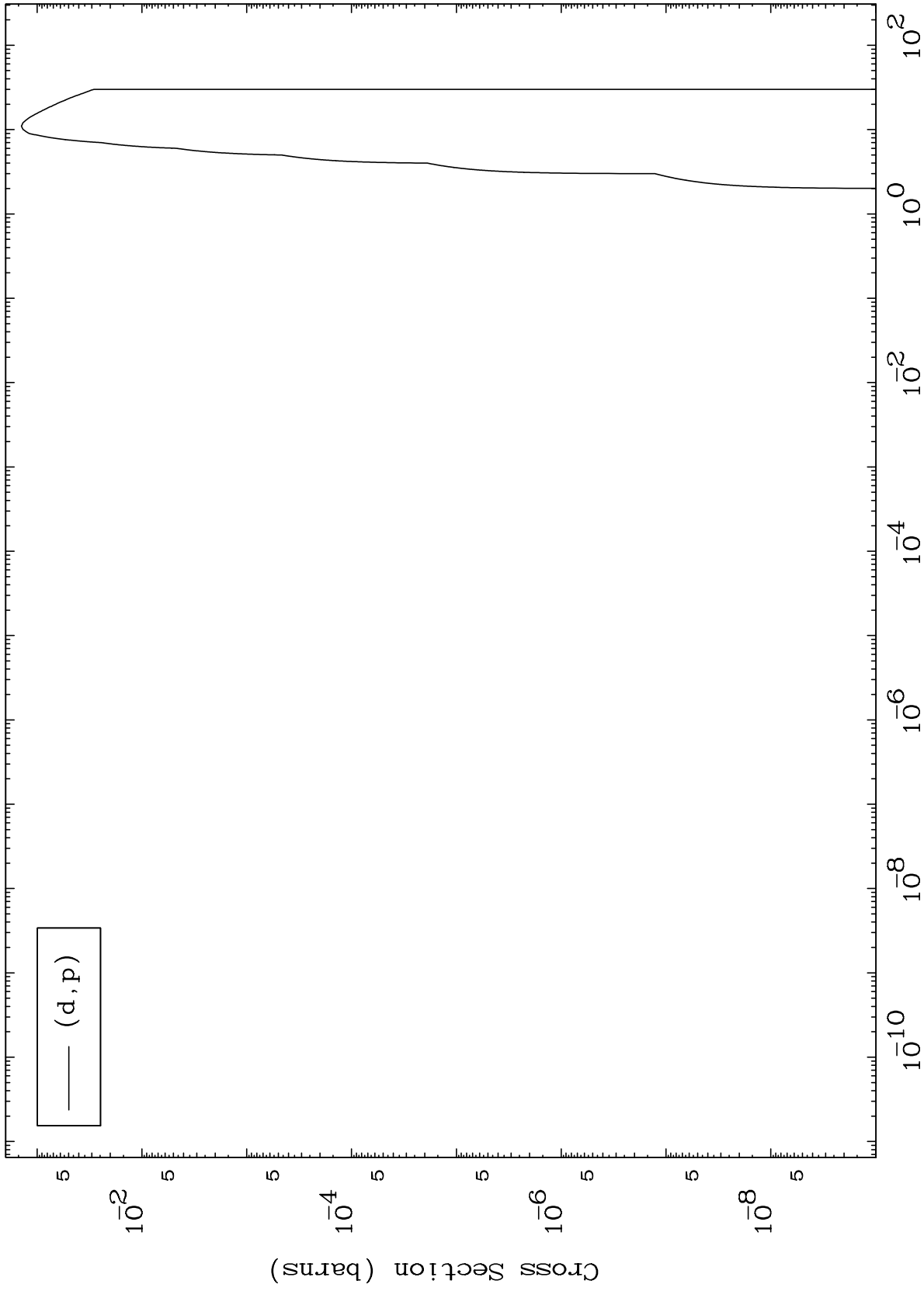


61-Pm-138

MAT 6123

(d,p) Levels  
0 Kelvin Cross Sections

61-Pm-138



7

Incident Energy (MeV)

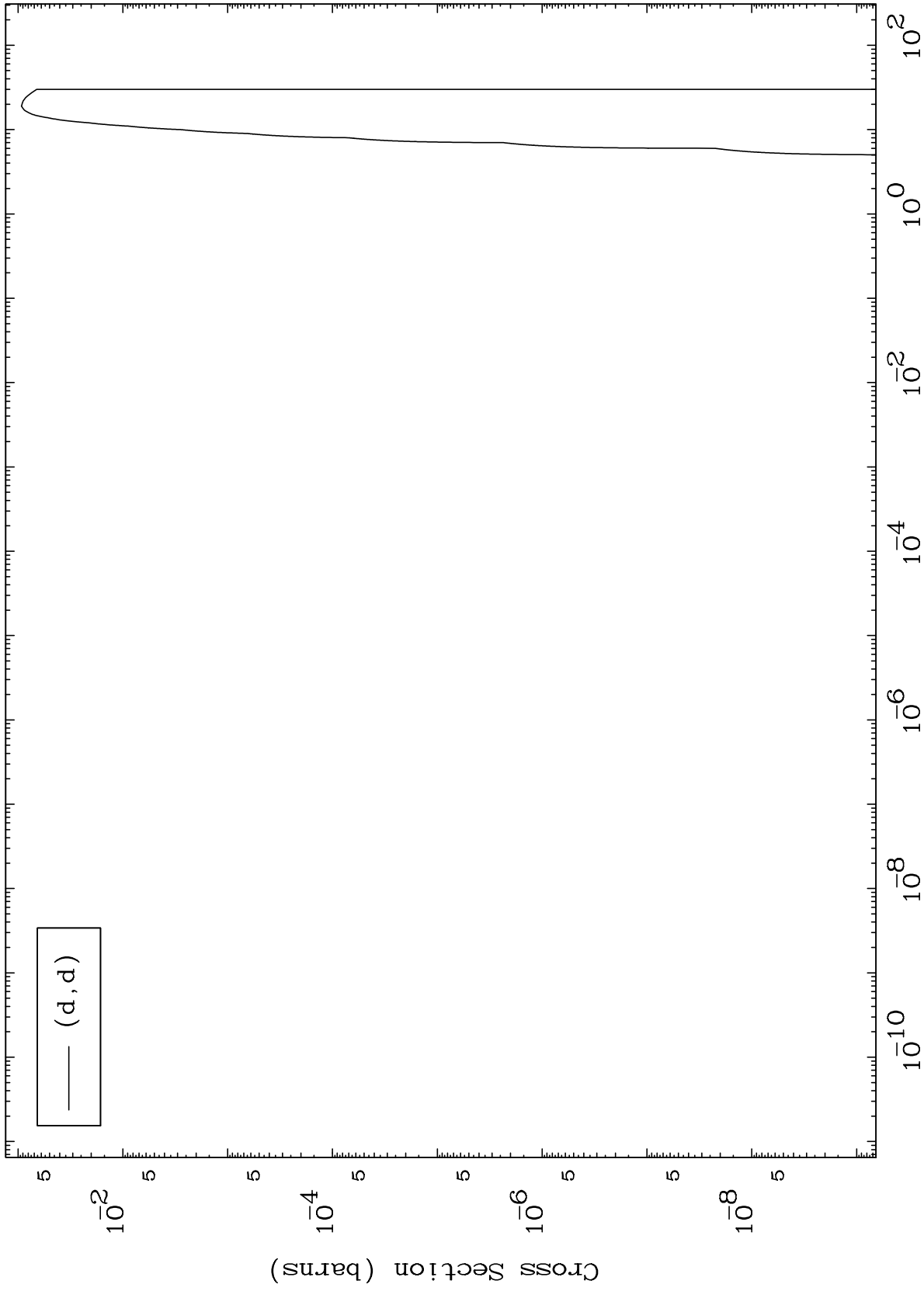
61-Pm-138



MAT 6123

(d,d) Levels  
0 Kelvin Cross Sections

61-Pm-138



8

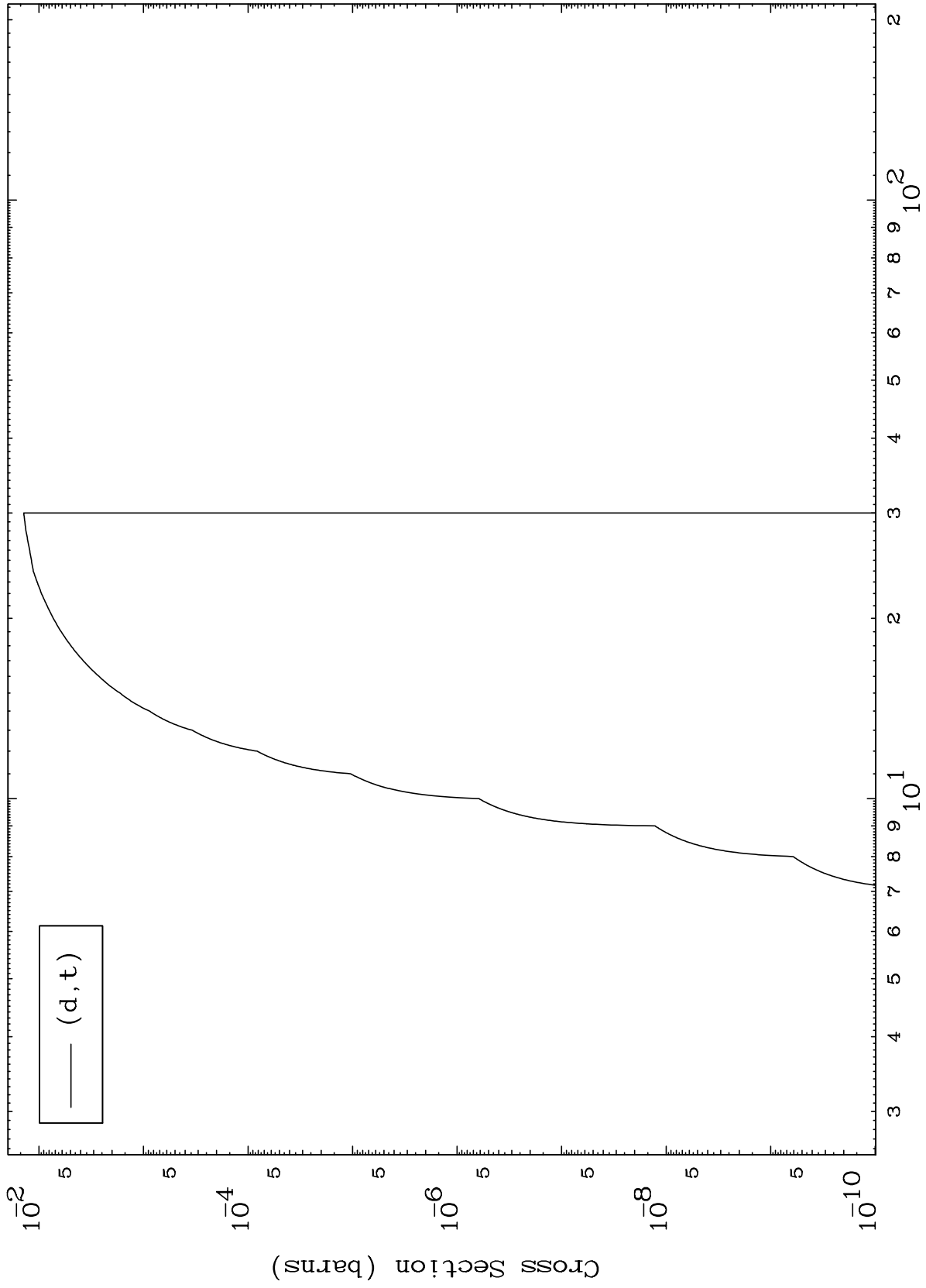
Incident Energy (MeV)

61-Pm-138

MAT 6123

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-138



9

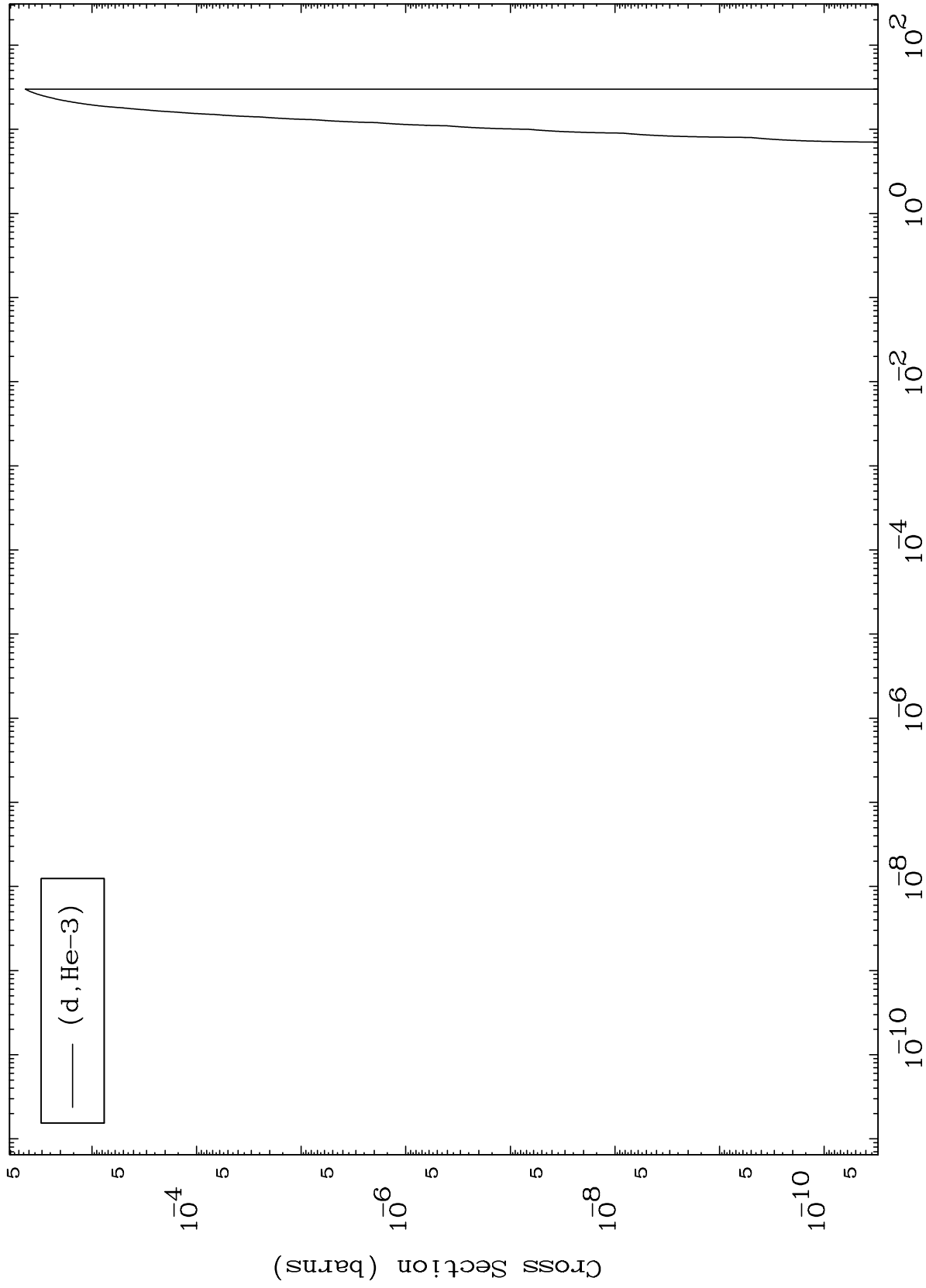
Incident Energy (MeV)

61-Pm-138

MAT 6123

(d,He3) Levels  
0 Kelvin Cross Sections

61-Pm-138



10

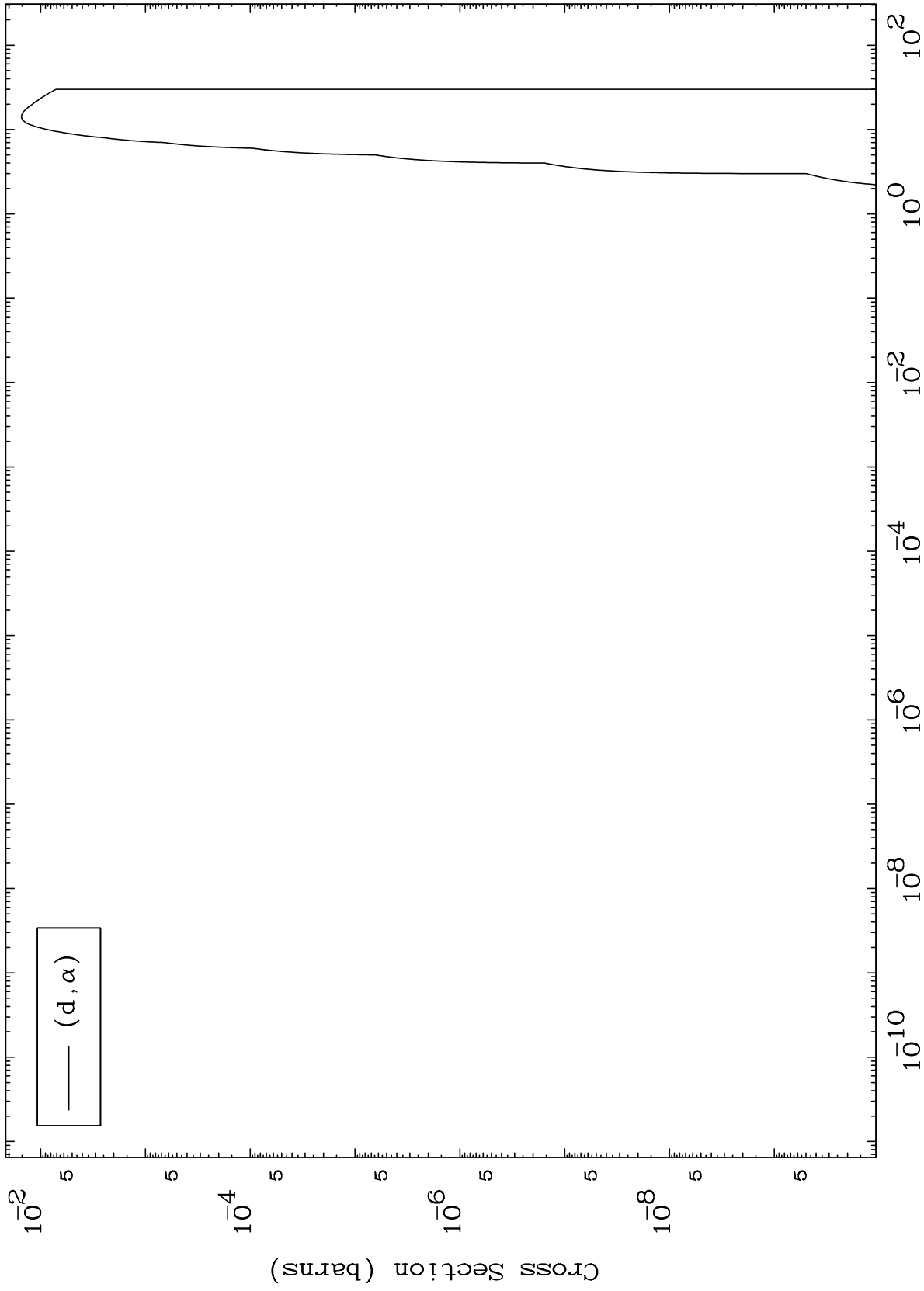
Incident Energy (MeV)

61-Pm-138

MAT 6123

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

61-Pm-138



11

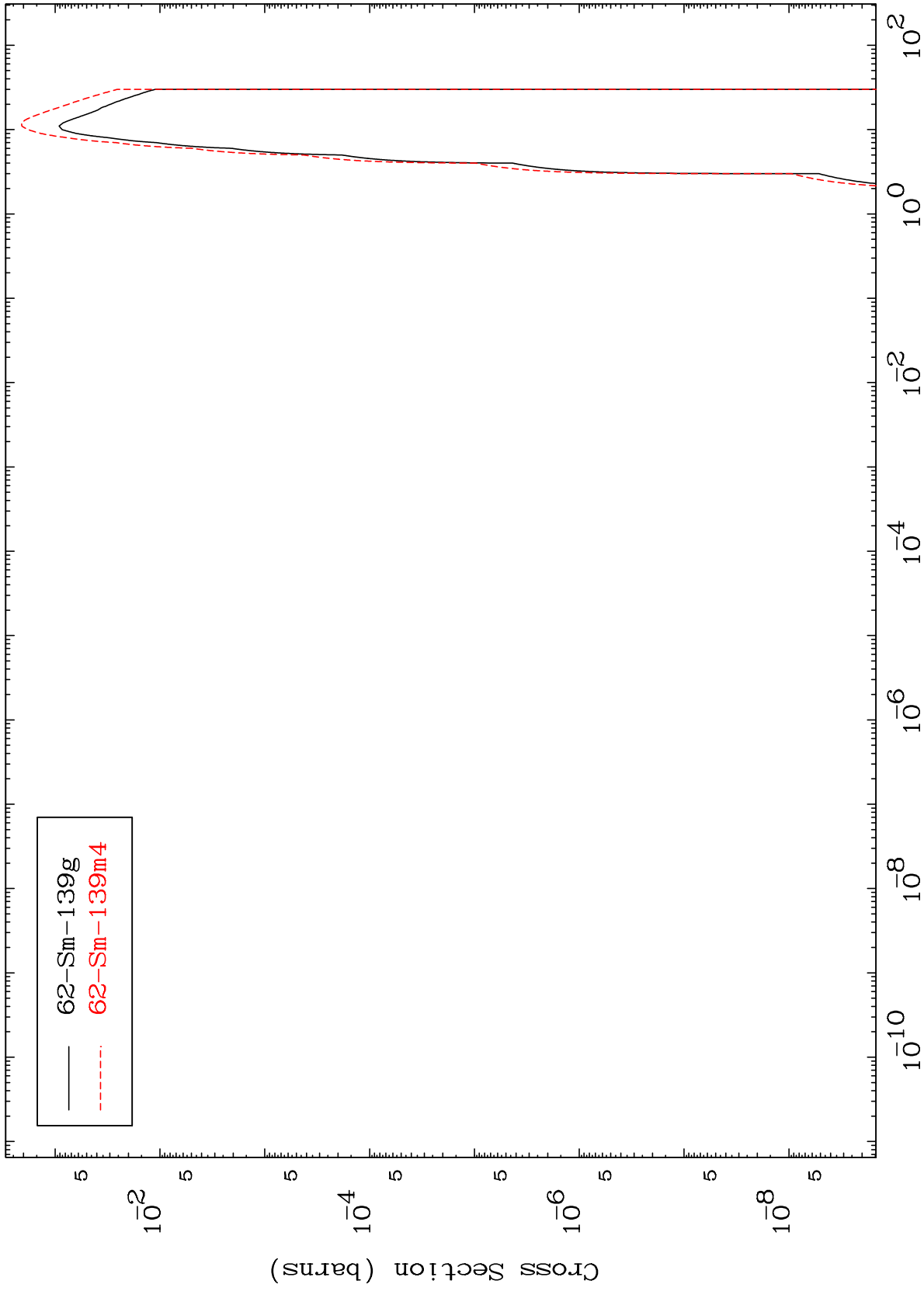
Incident Energy (MeV)

61-Pm-138

MAT 6123

Deuteron Inelastic  
Radionuclide Production Cross Section

61-Pm-138

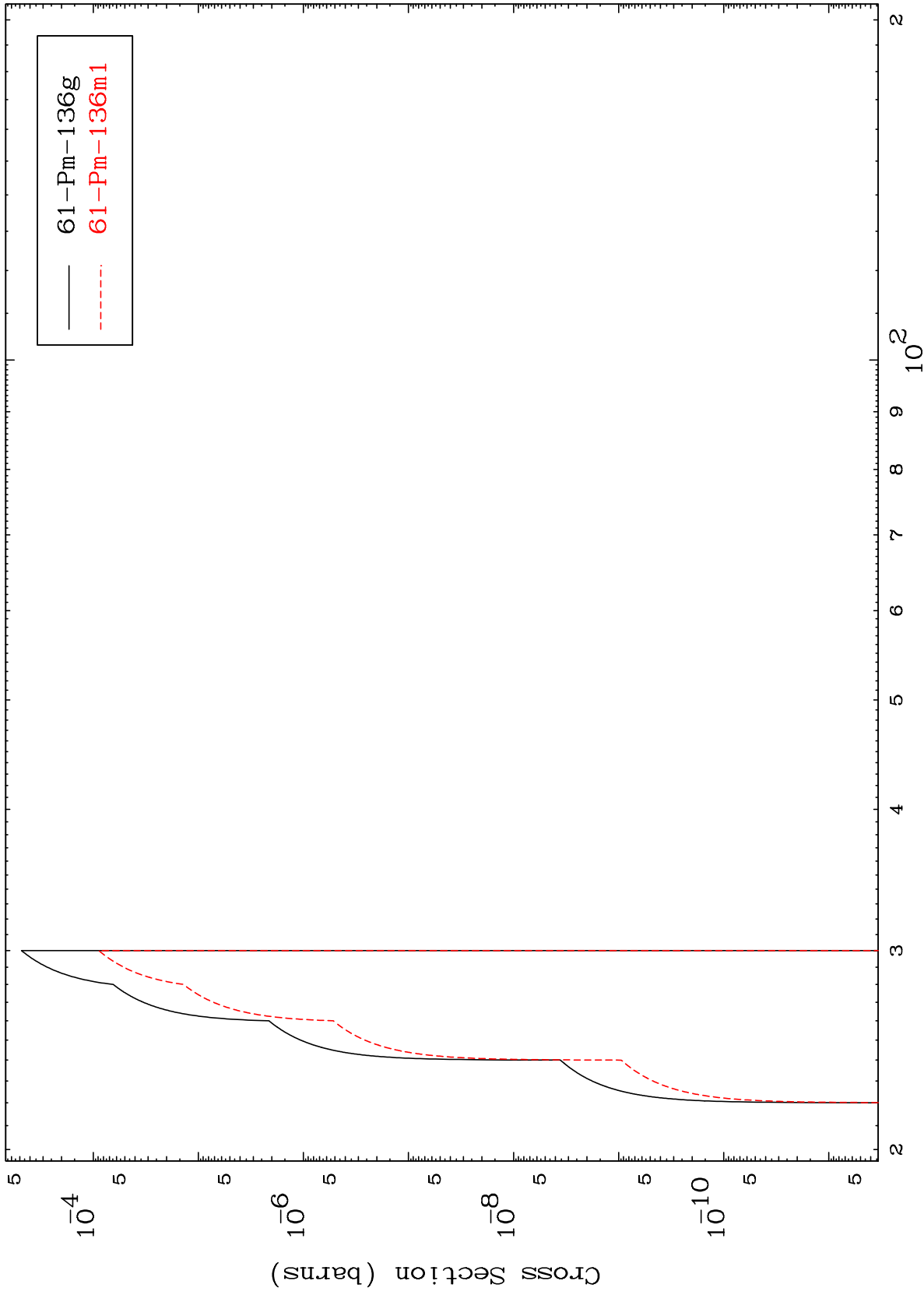


MAT 6123

(d,2n) d

61-Pm-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

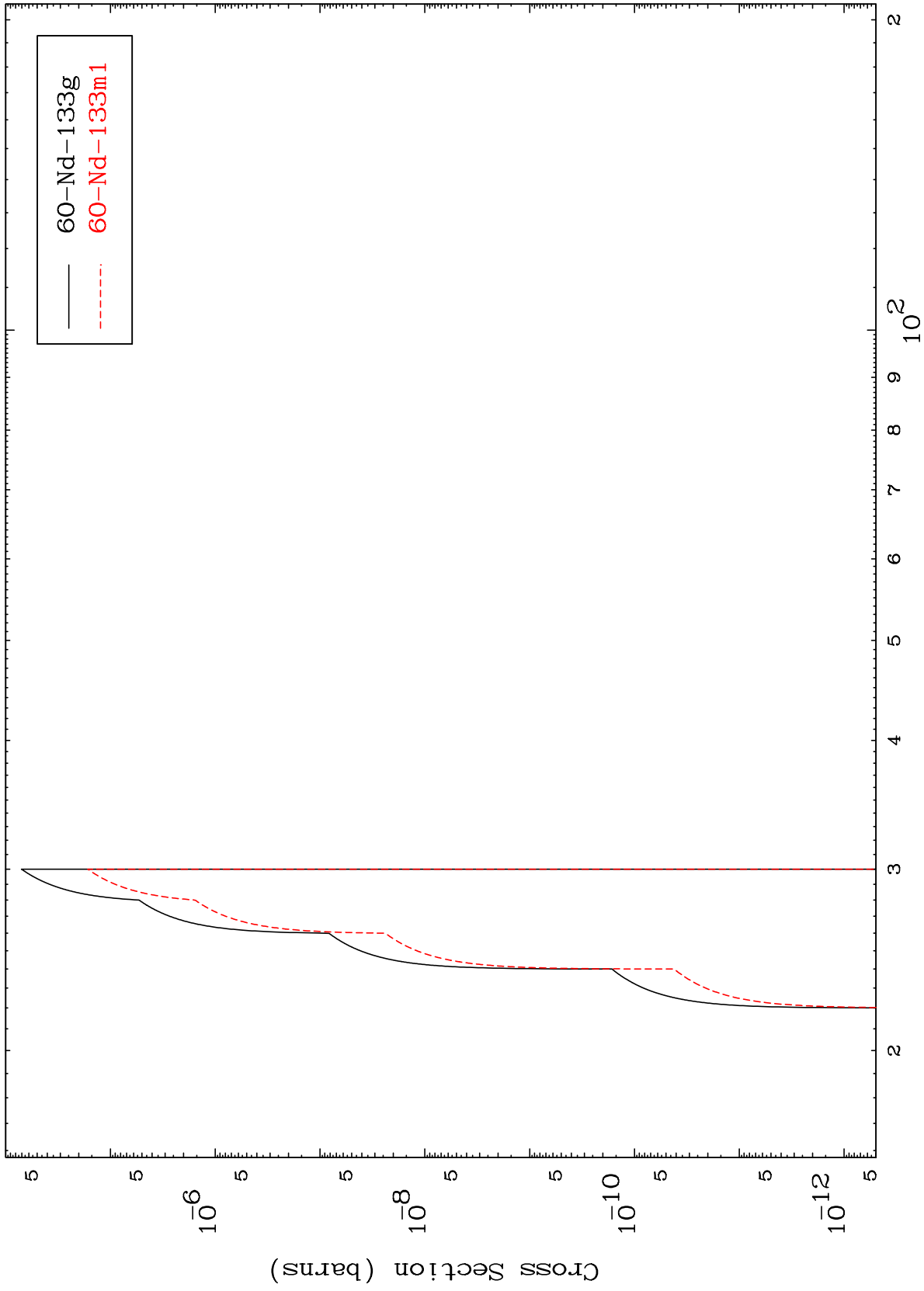
61-Pm-138

MAT 6123

(d,3n)  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

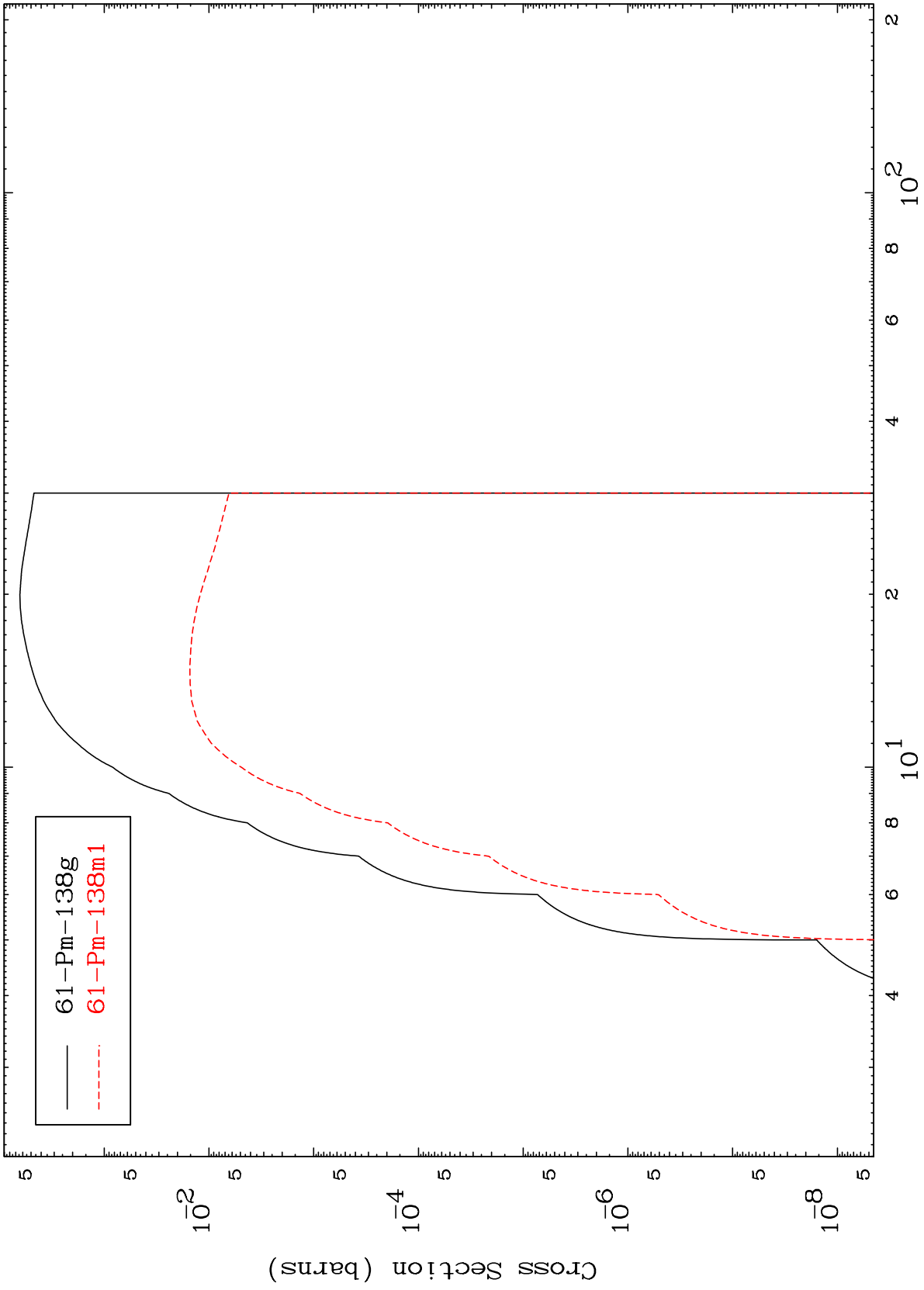
61-Pm-138

MAT 6123

(d,n') p

61-Pm-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-138

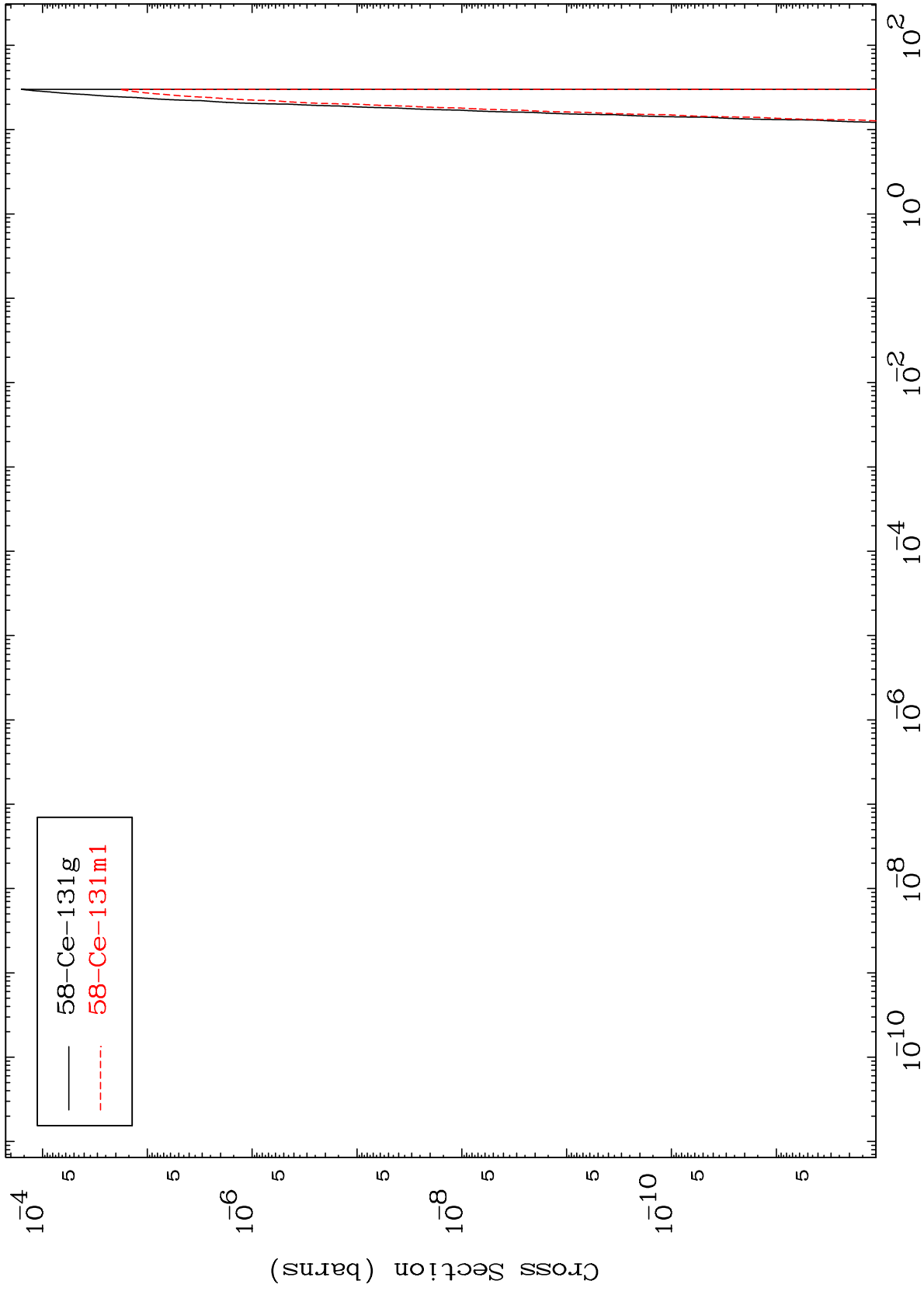


MAT 6123

(d,n') 2 $\alpha$

61-Pm-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

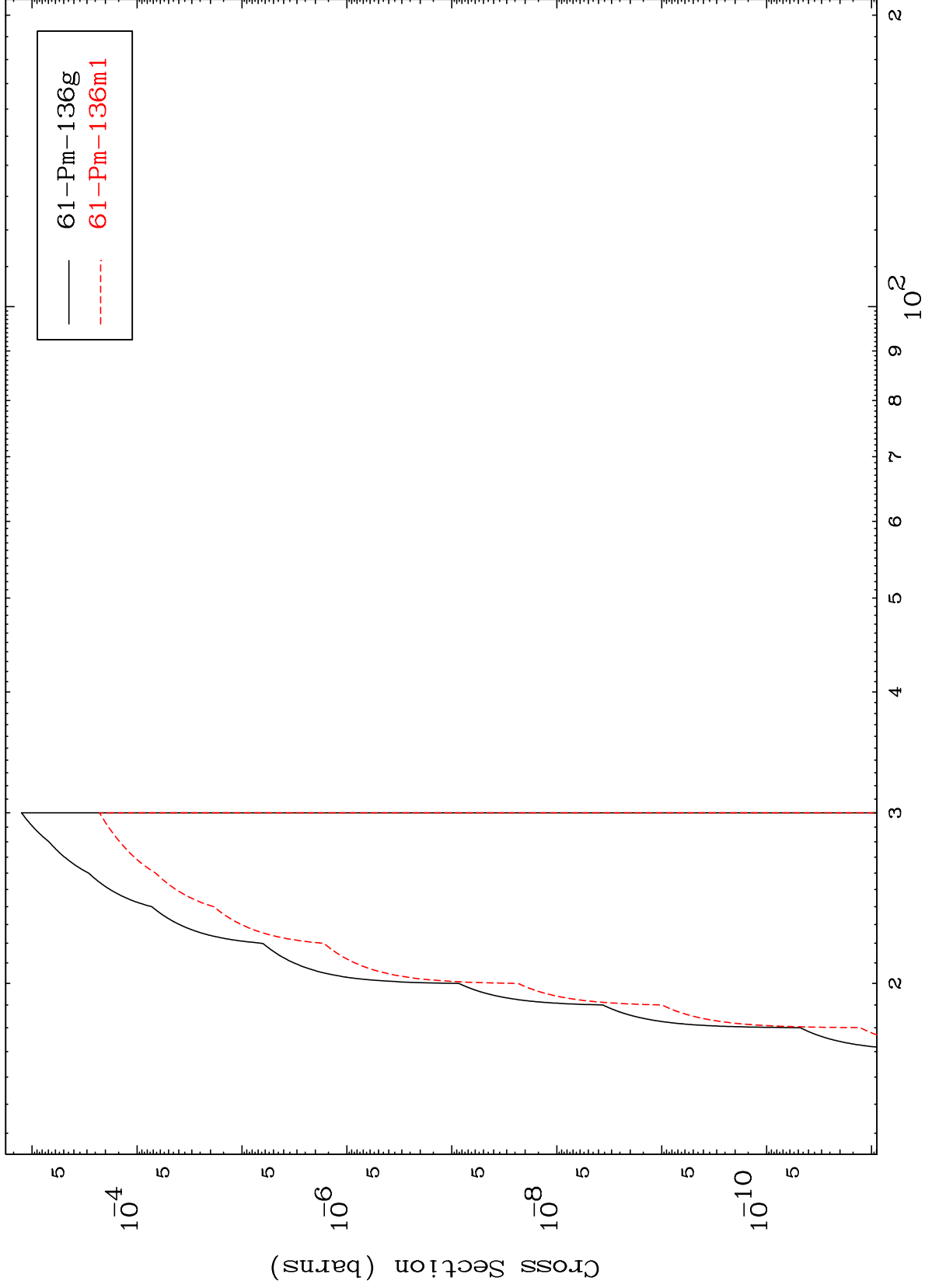
61-Pm-138

MAT 6123

(d,n') t

61-Pm-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

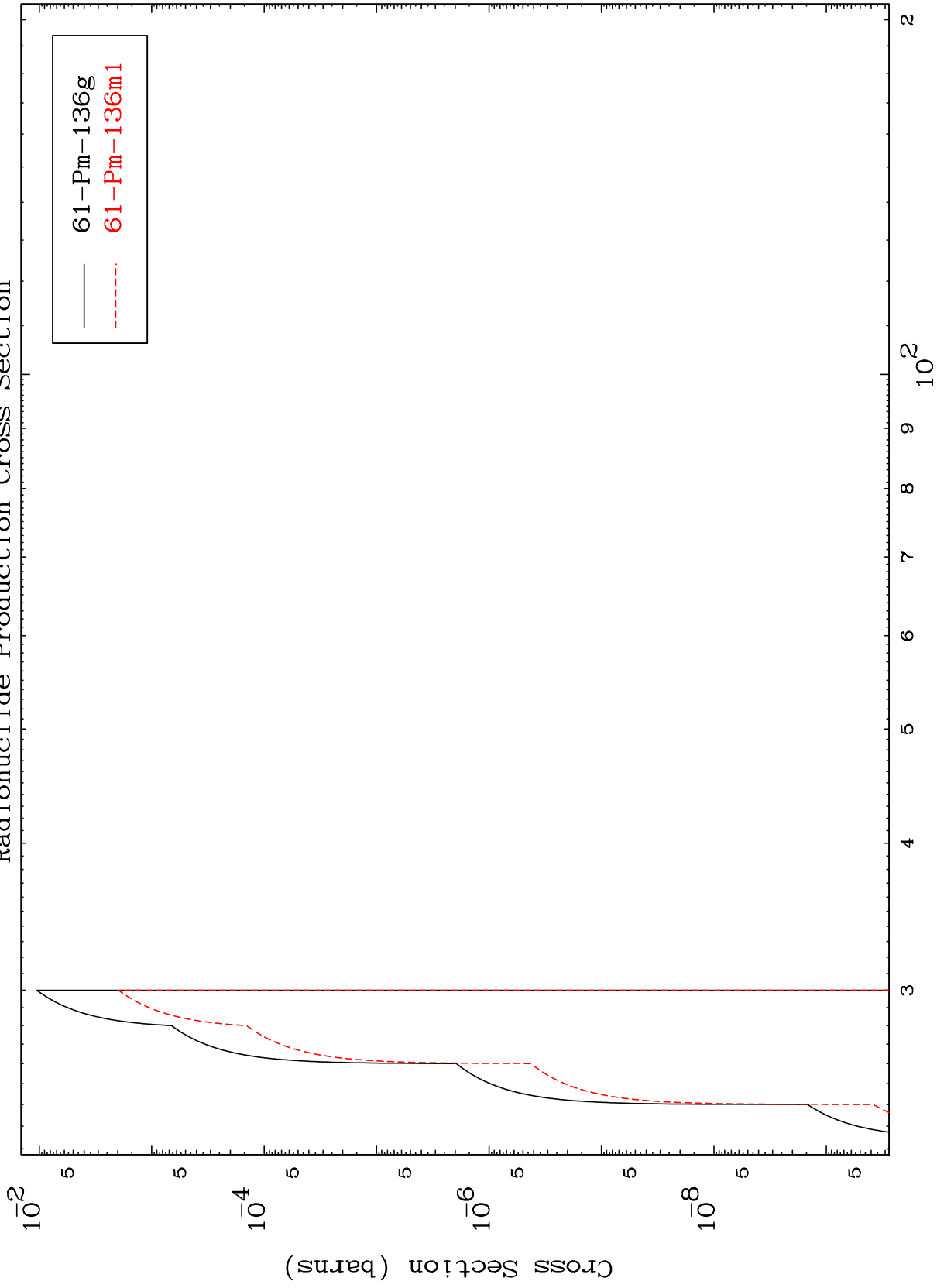
61-Pm-138

MAT 6123

(d,3n) p

61-Pm-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

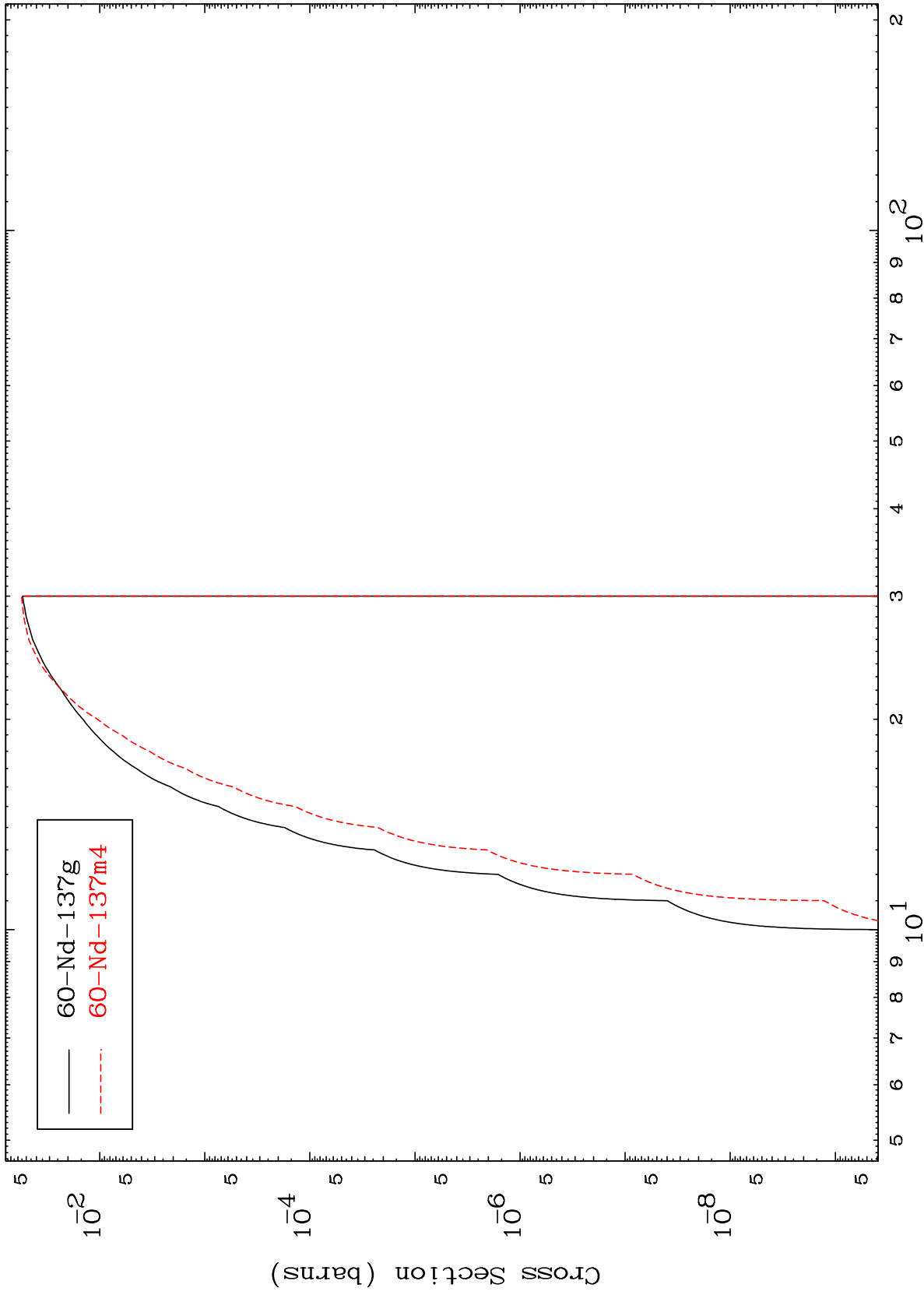
61-Pm-138

MAT 6123

(d,2n) p

61-Pm-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

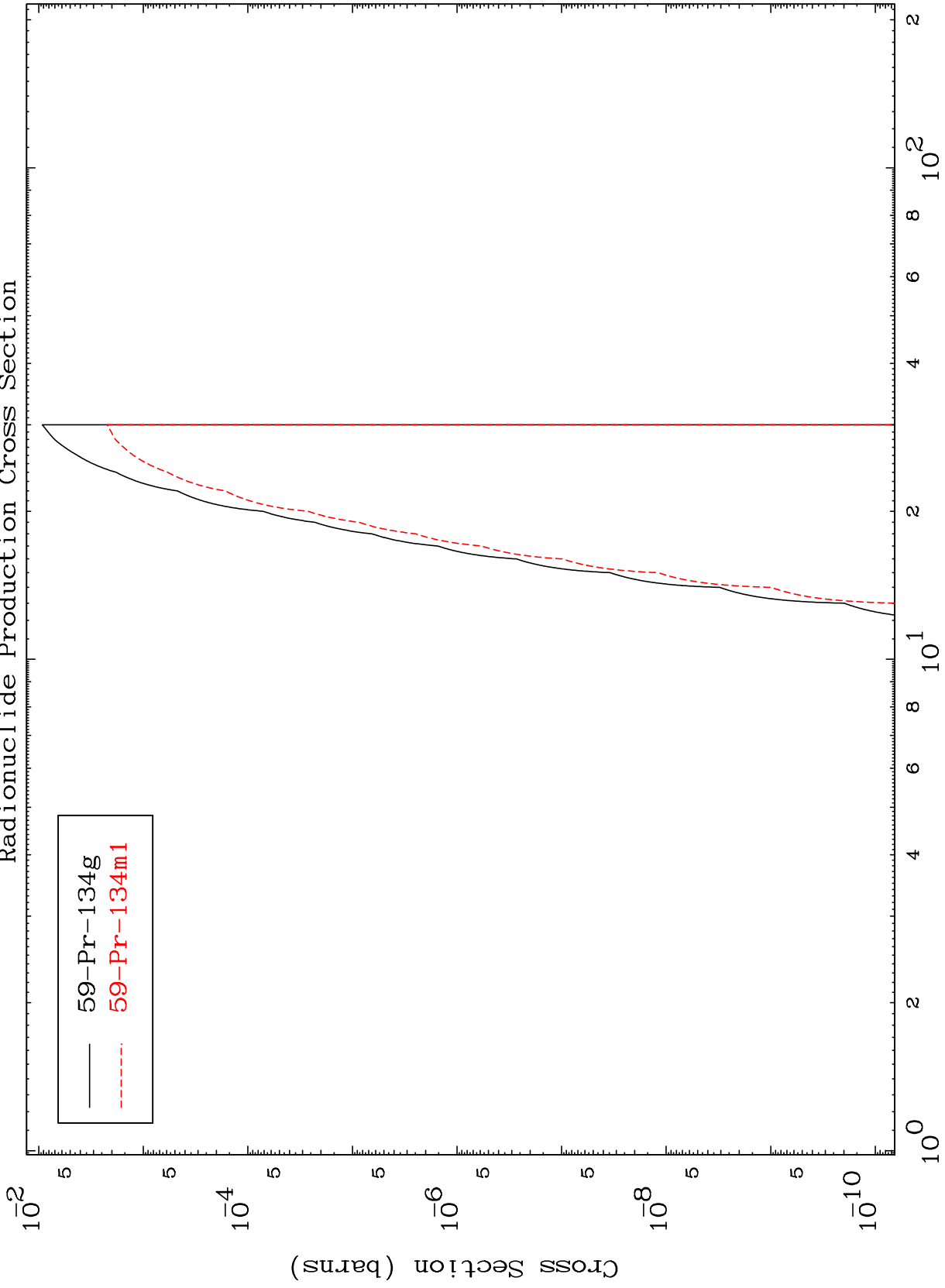
61-Pm-138

MAT 6123

(d,n') p  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



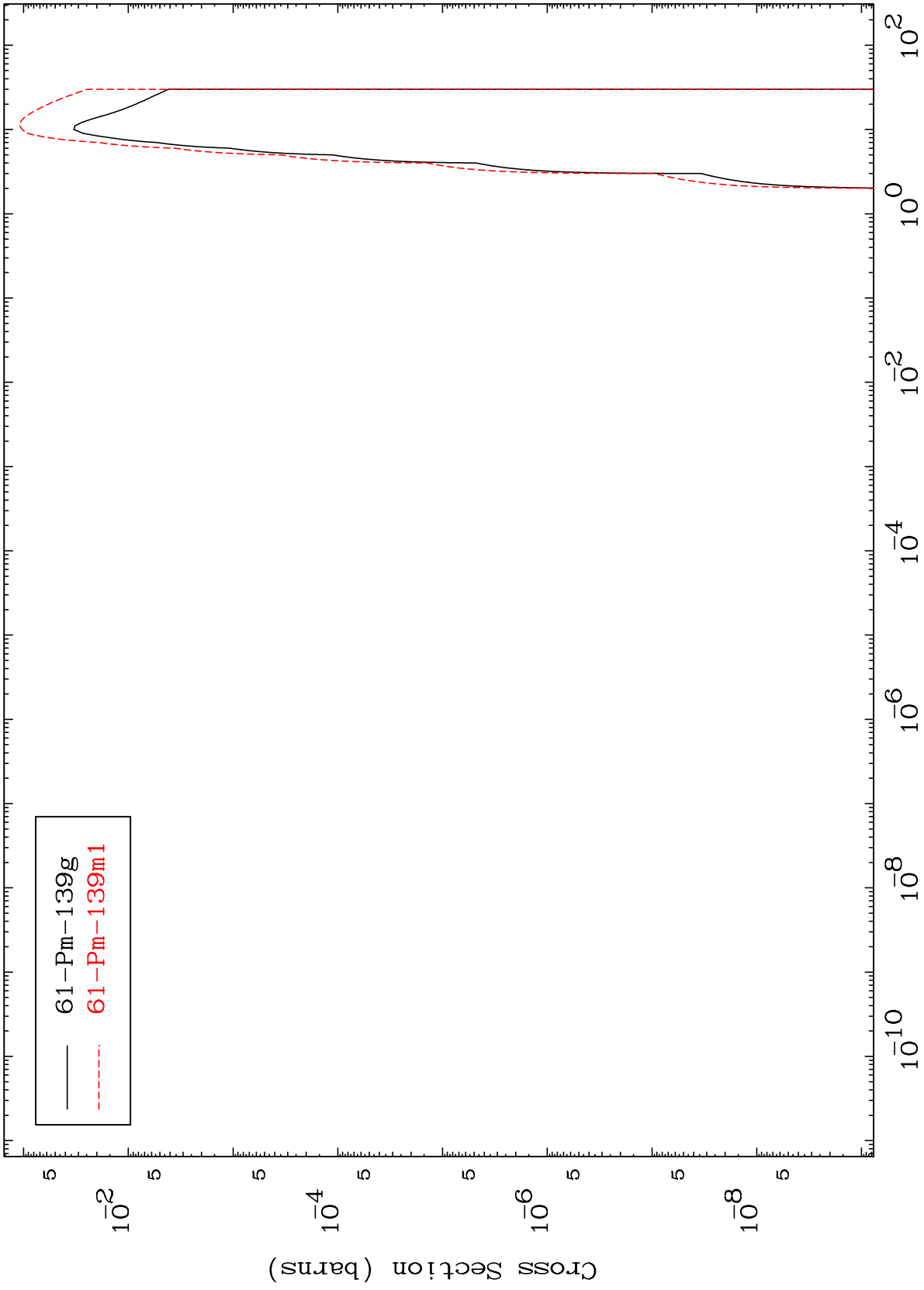
Incident Energy (MeV)

61-Pm-138

MAT 6123

(d,p)  
Radionuclide Production Cross Section

<sup>61</sup>Pm-138



21

Incident Energy (MeV)

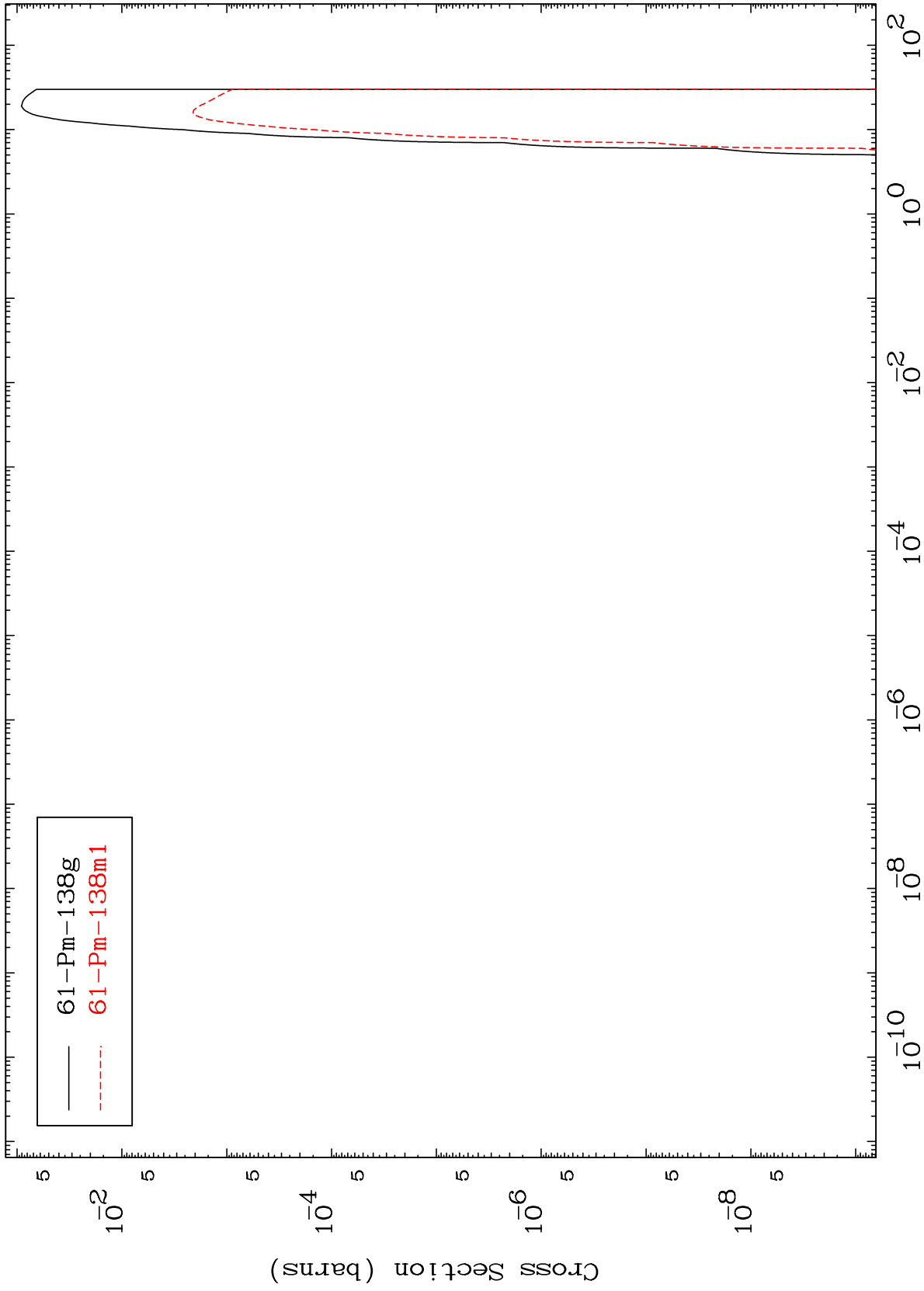
<sup>61</sup>Pm-138

MAT 6123

(d,d)

61-Pm-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

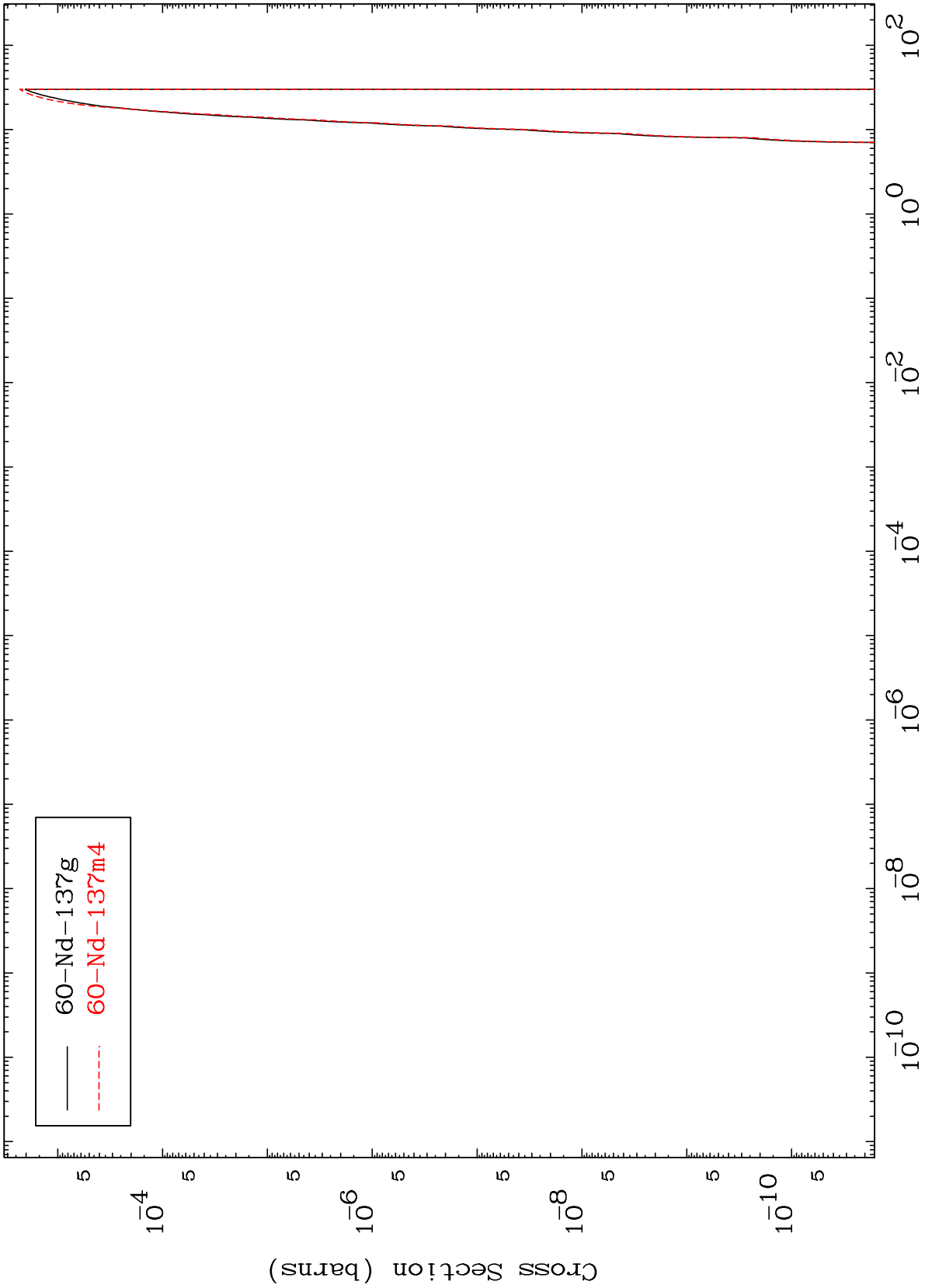
61-Pm-138

MAT 6123

(d, He-3)

61-Pm-138

Radionuclide Production Cross Section



60-Nd-137g  
60-Nd-137m4

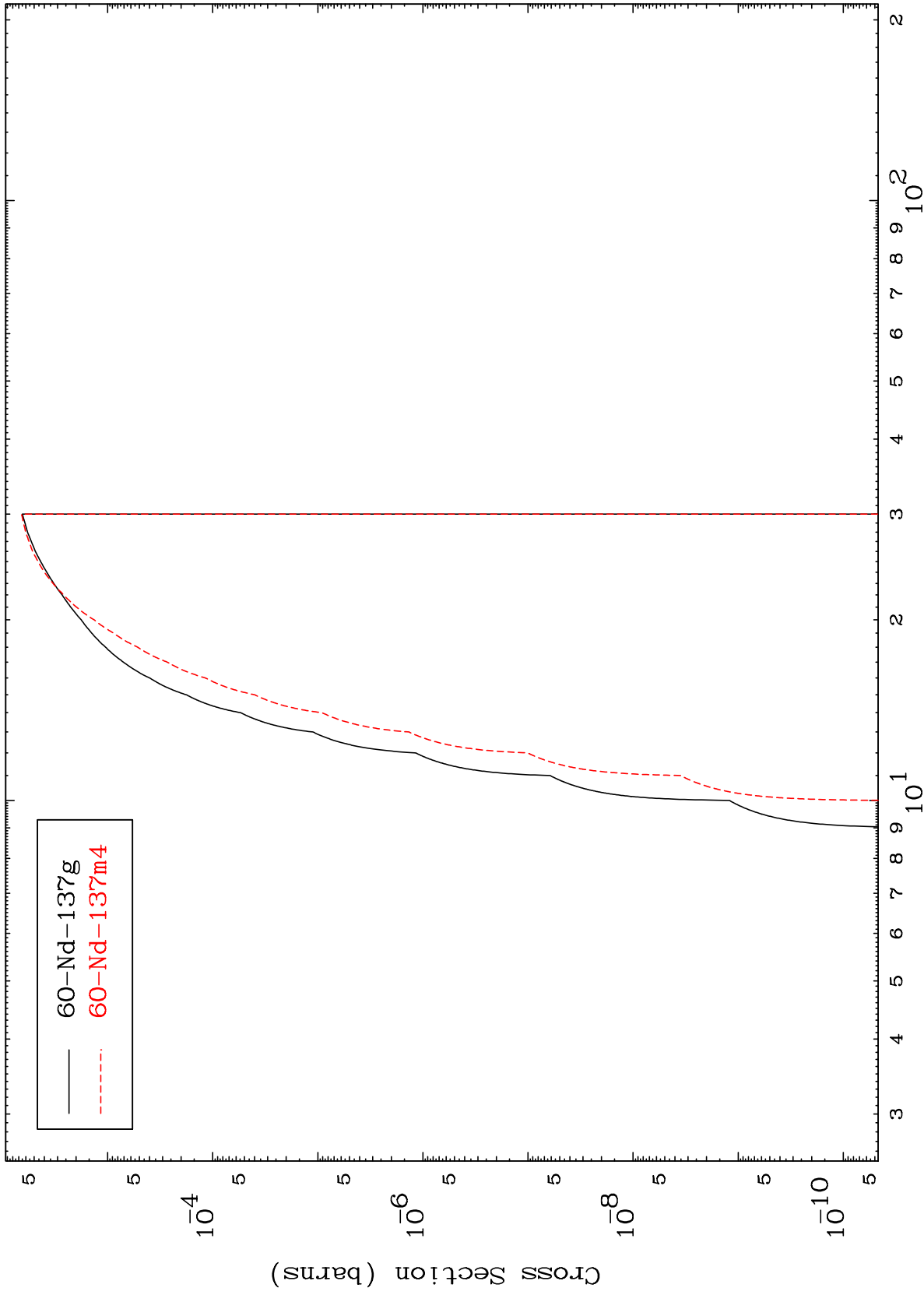


MAT 6123

(d,p) d

61-Pm-138

Radionuclide Production Cross Section



24

Incident Energy (MeV)

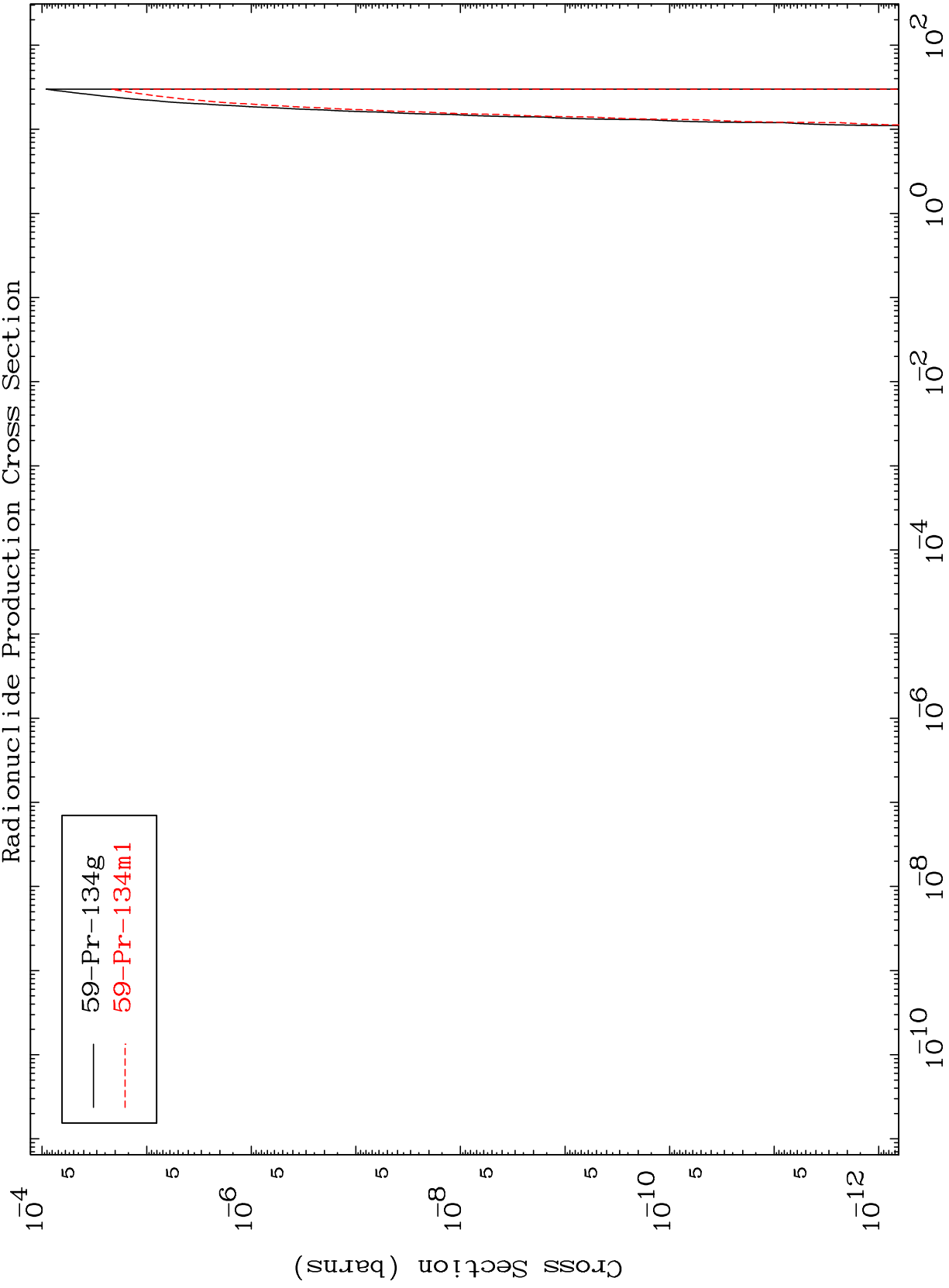
61-Pm-138

MAT 6123

(d,d)  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



25

Incident Energy (MeV)

61-Pm-138