

Program EVALPLOT  
(Version 2018-1)

by

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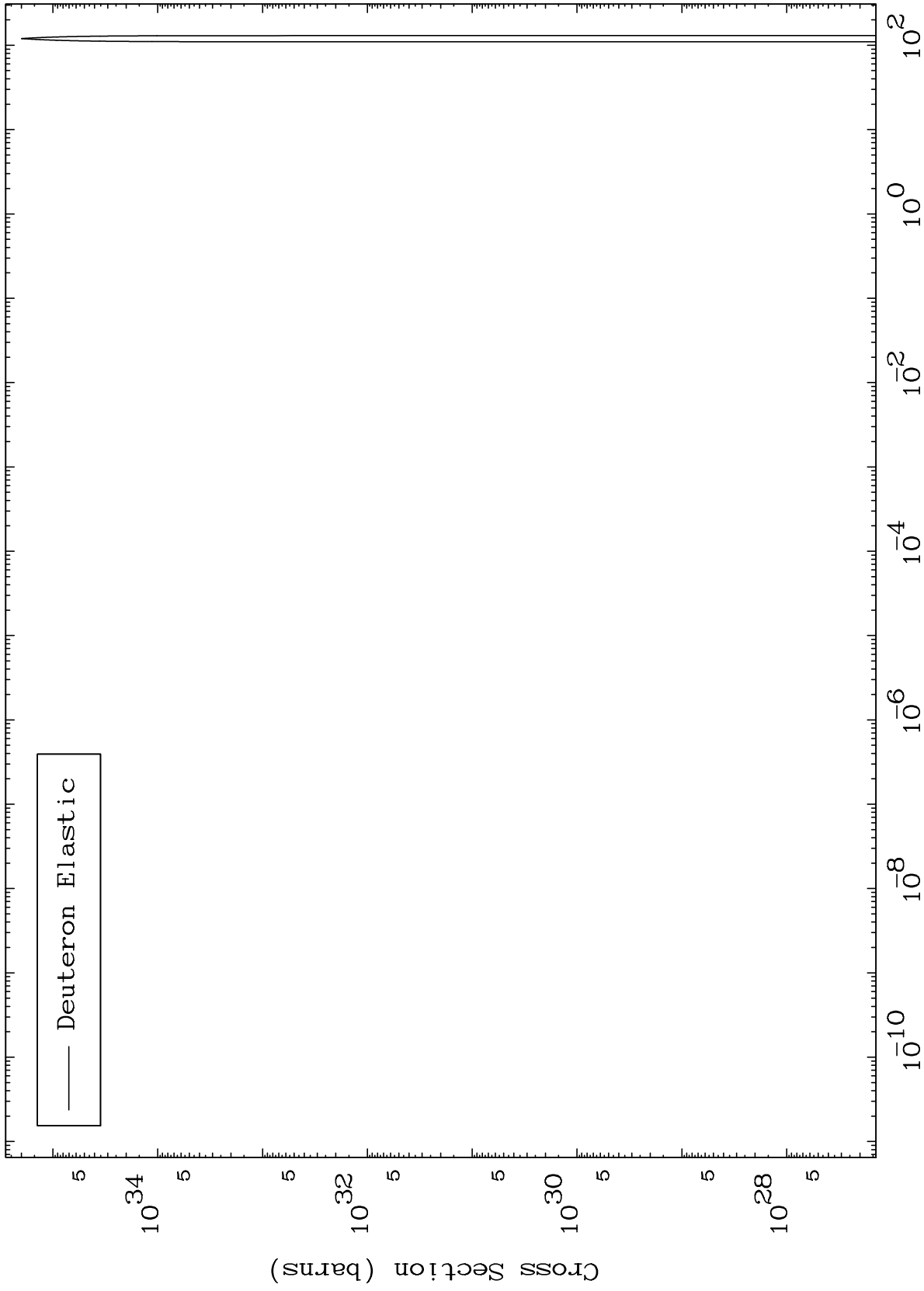
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6119

Deuteron Major  
0 Kelvin Cross Sections

61-Pm-137



1

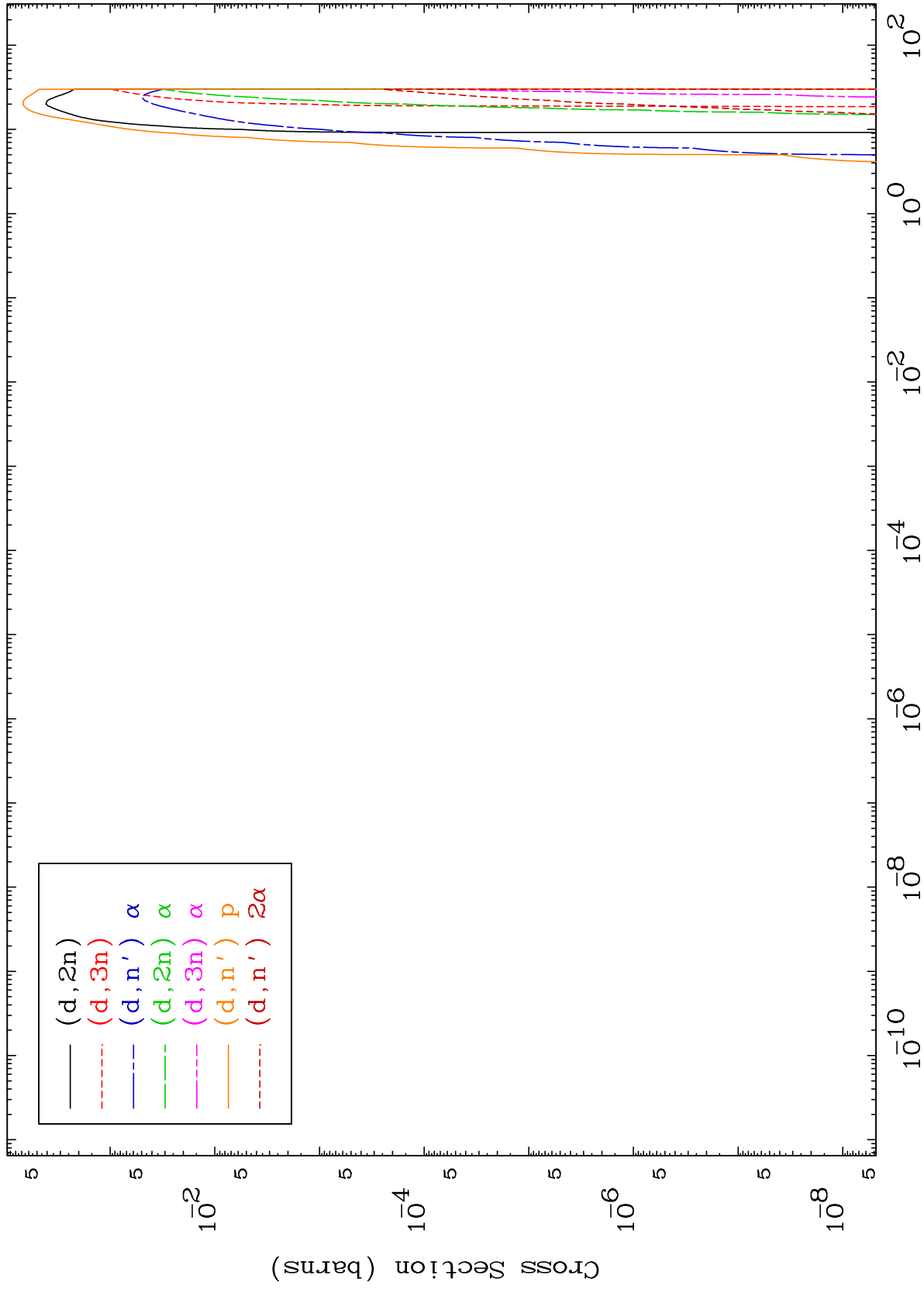
Incident Energy (MeV)

61-Pm-137

MAT 6119

Deuteron Neutron Production  
0 Kelvin Cross Sections

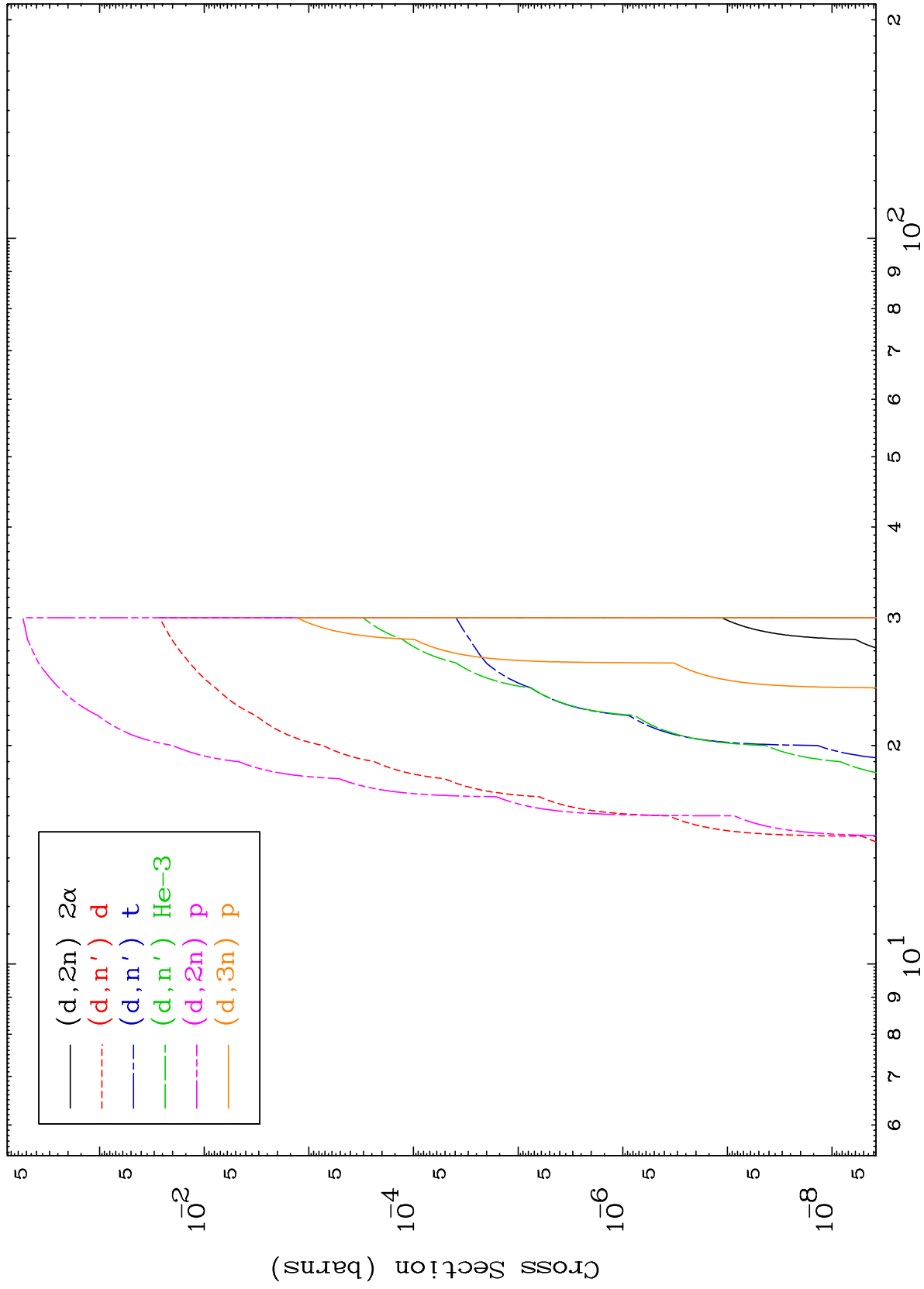
61-Pm-137



2

Incident Energy (MeV)

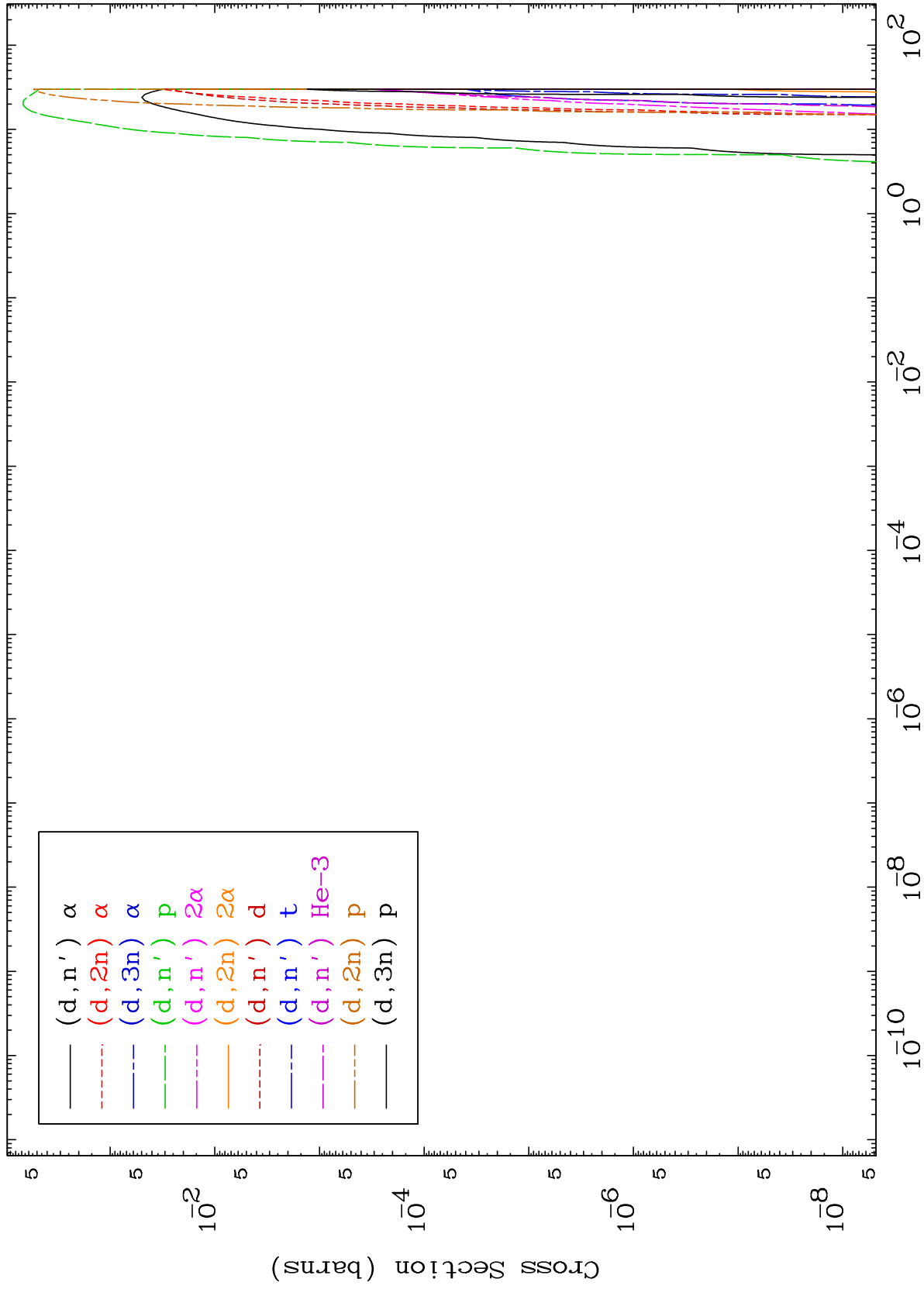
61-Pm-137



MAT 6119

Deuteron Charged Particle  
0 Kelvin Cross Sections

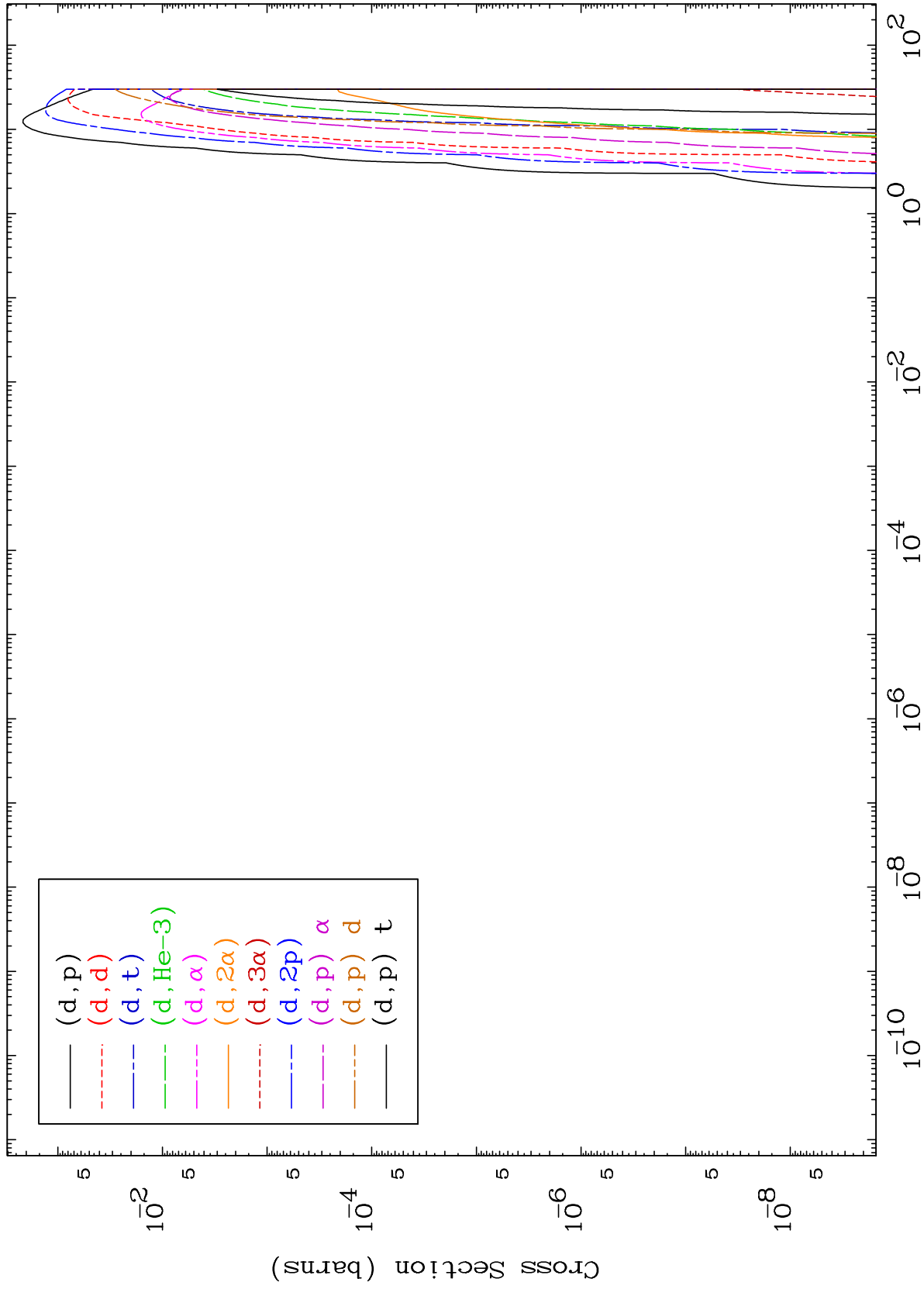
61-Pm-137



MAT 6119

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-137



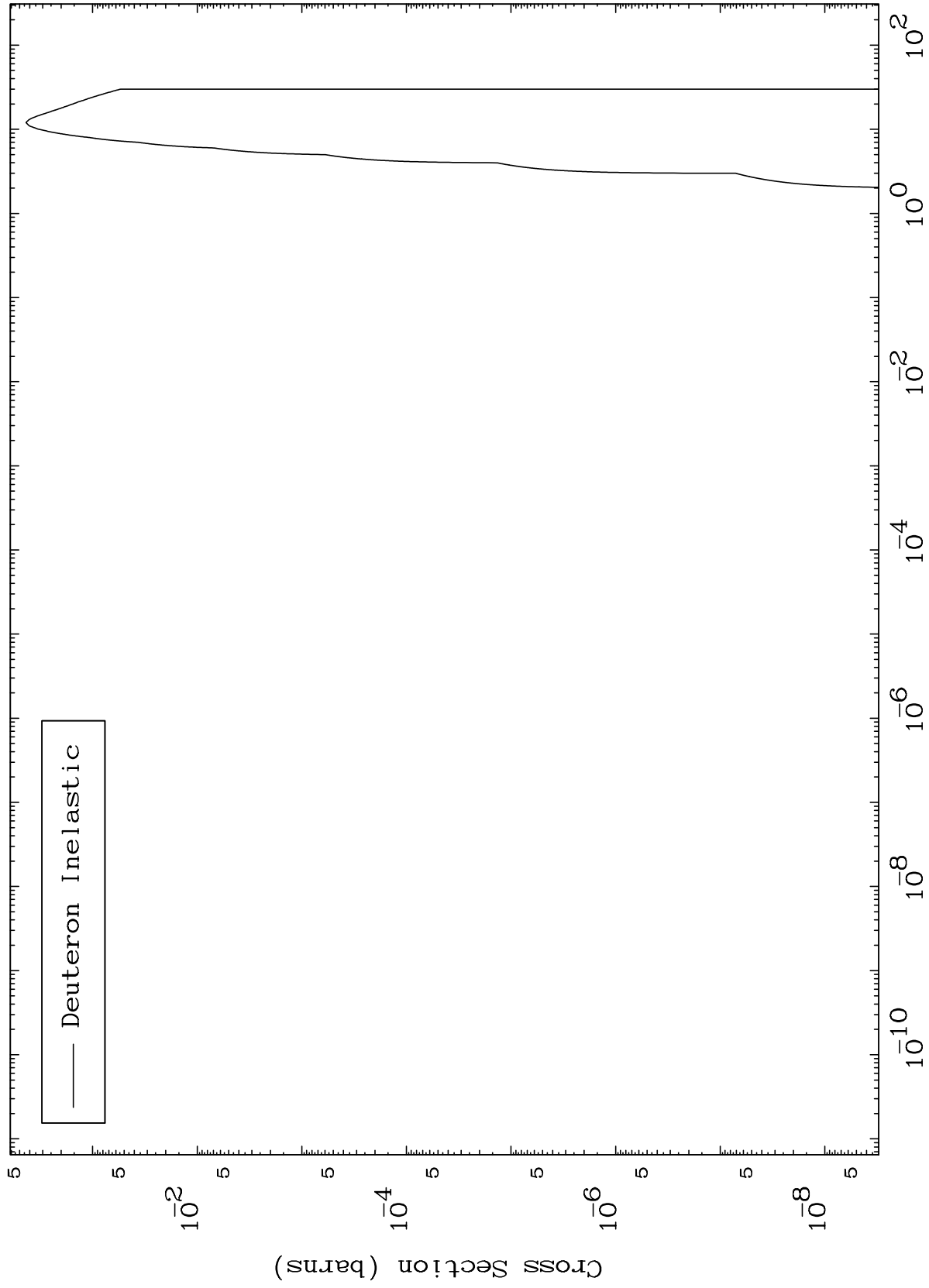
5

61-Pm-137

MAT 6119

(d,n') Level  
0 Kelvin Cross Sections

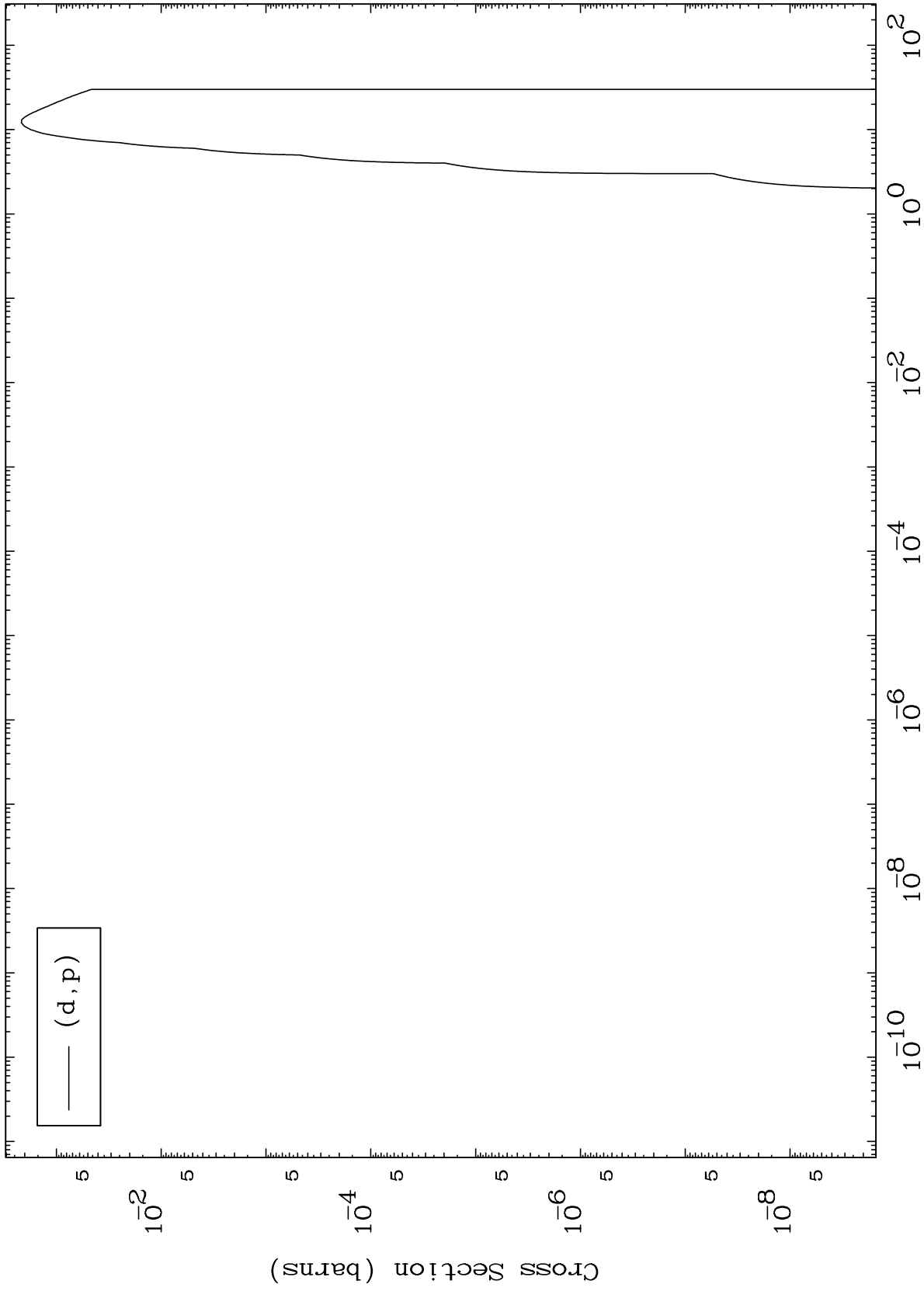
61-Pm-137



MAT 6119

(d,p) Levels  
0 Kelvin Cross Sections

61-Pm-137



7

Incident Energy (MeV)

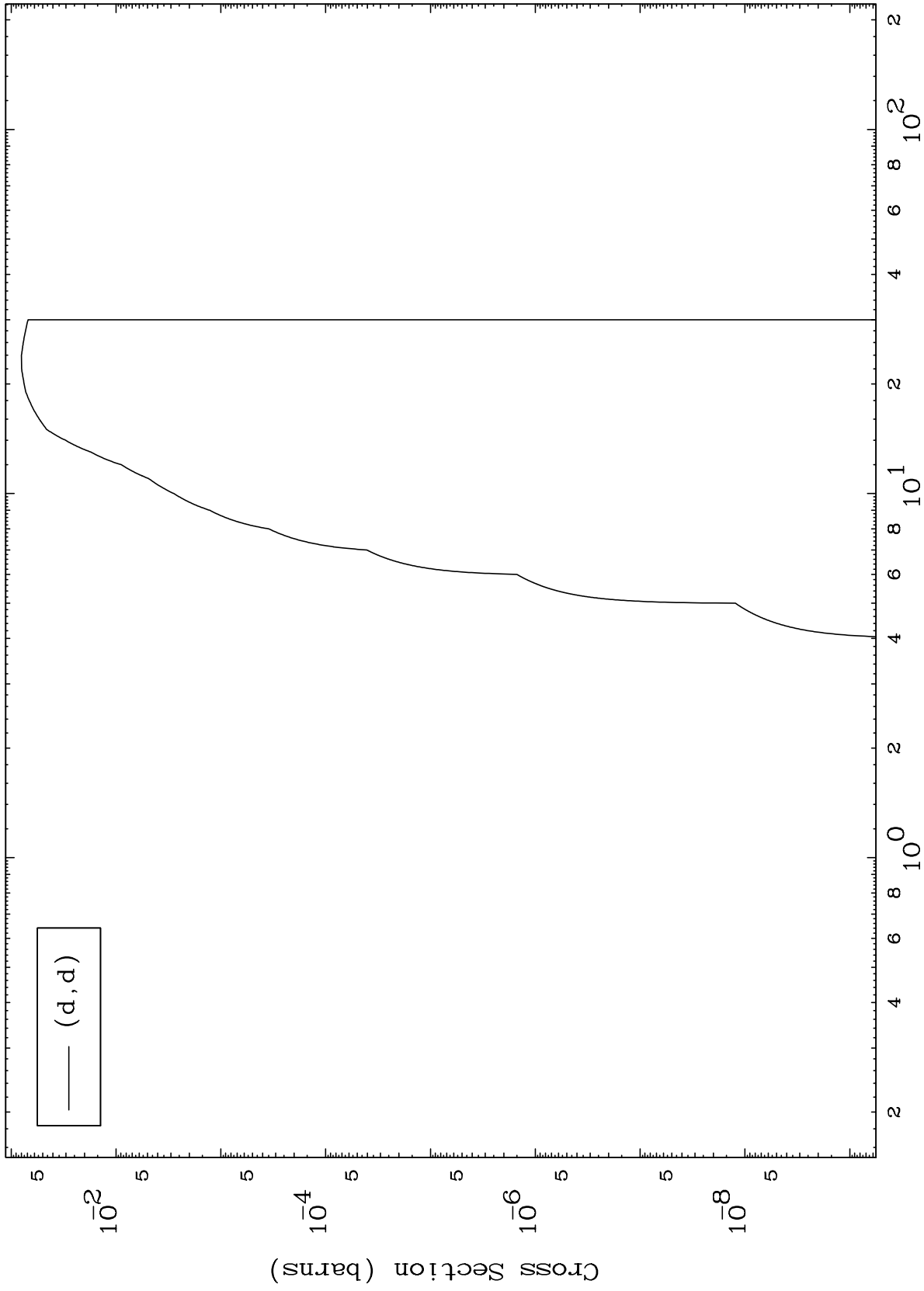
61-Pm-137



MAT 6119

(d,d) Levels  
0 Kelvin Cross Sections

61-Pm-137



8

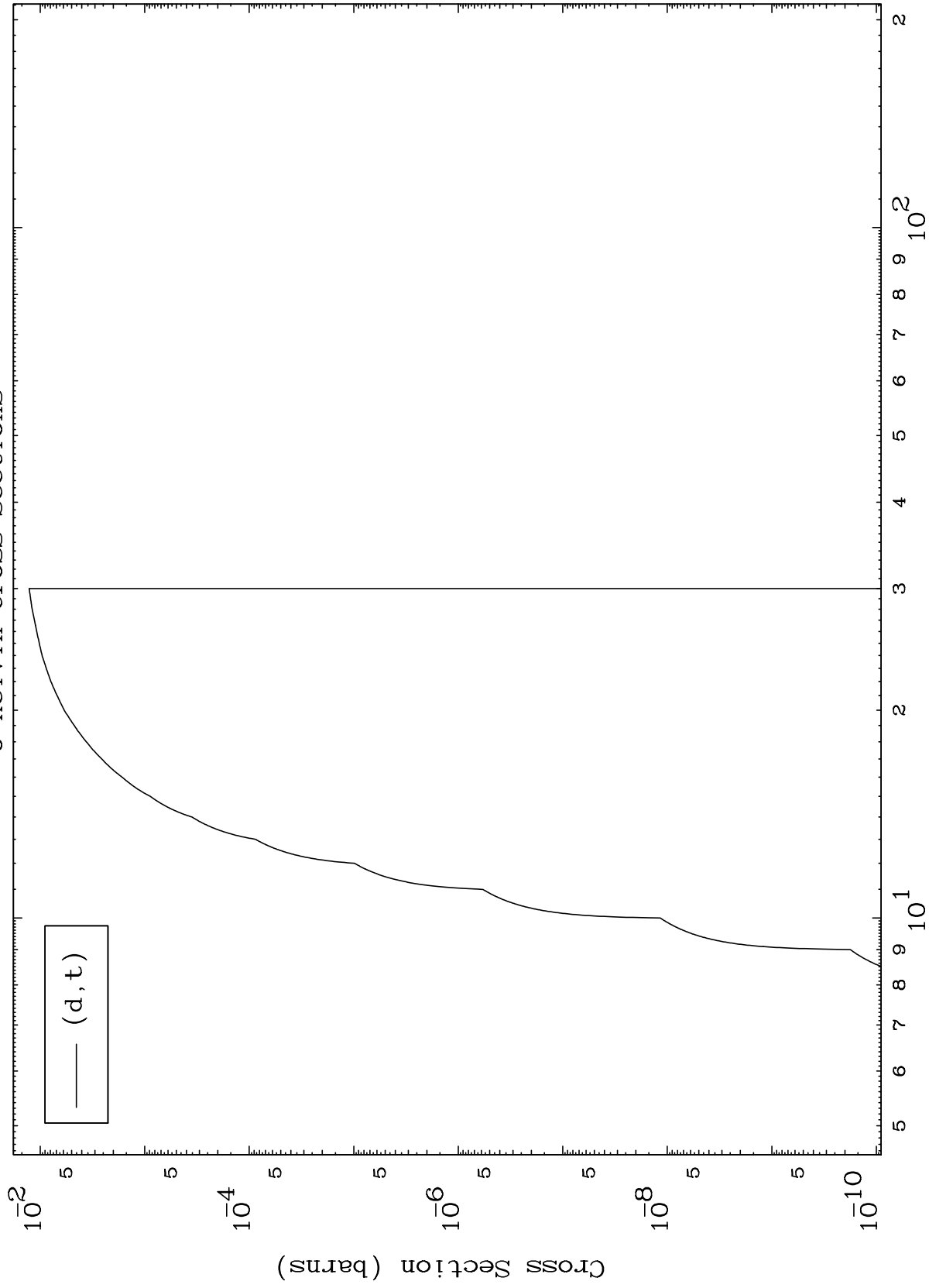
Incident Energy (MeV)

61-Pm-137

MAT 6119

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-137



9

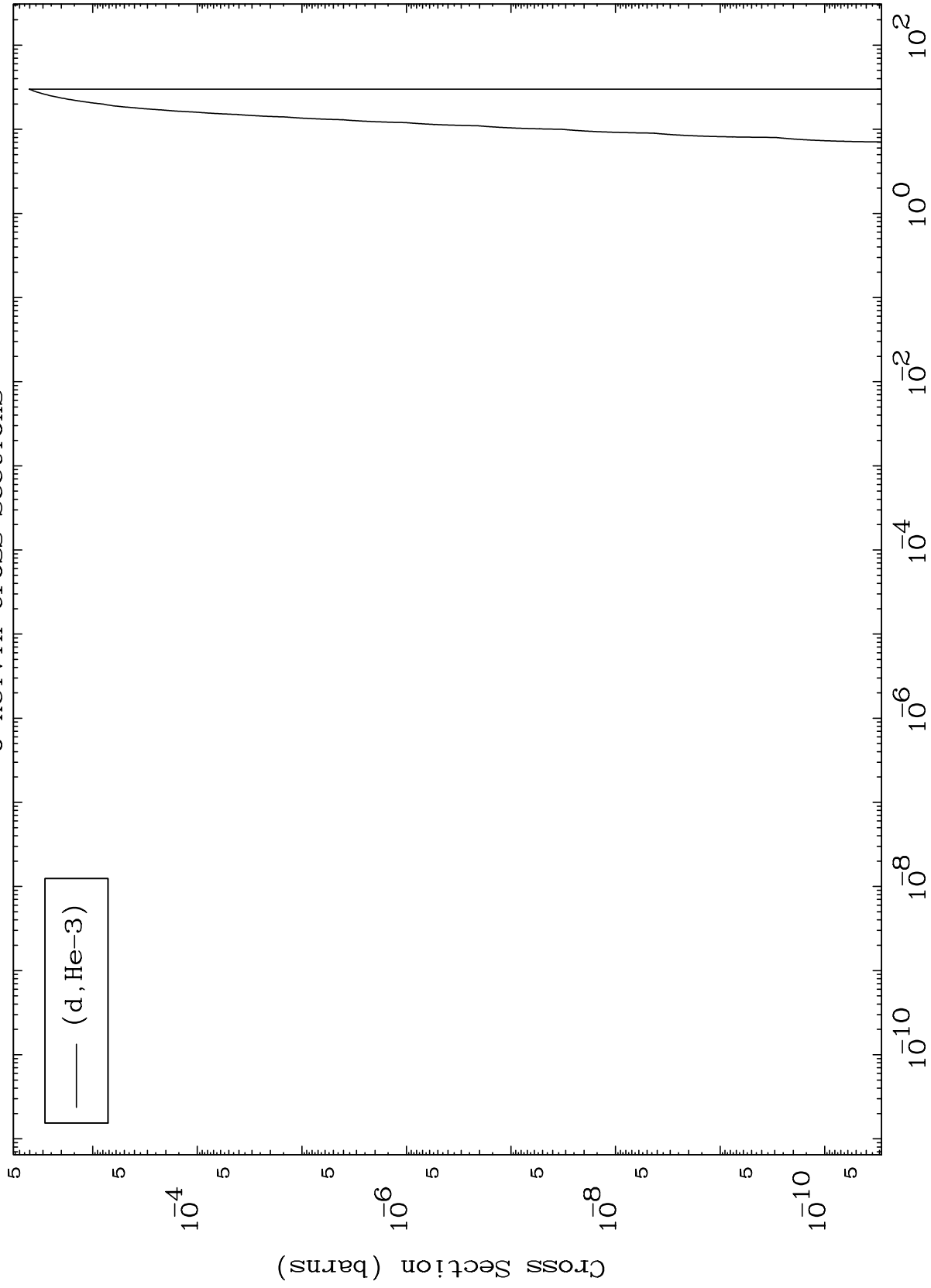
Incident Energy (MeV)

61-Pm-137

MAT 6119

(d,He3) Levels  
0 Kelvin Cross Sections

61-Pm-137



10

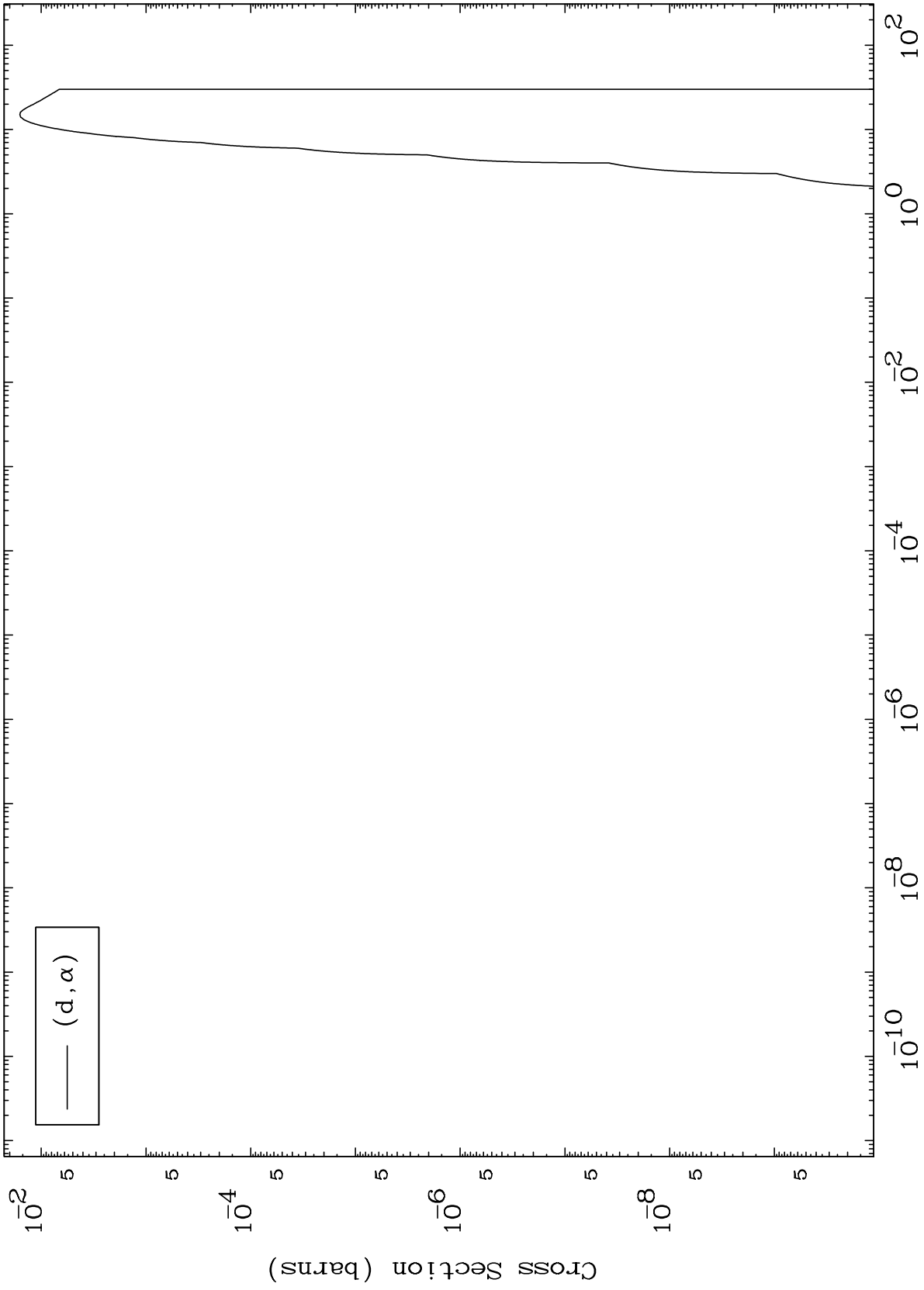
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137



11

Incident Energy (MeV)

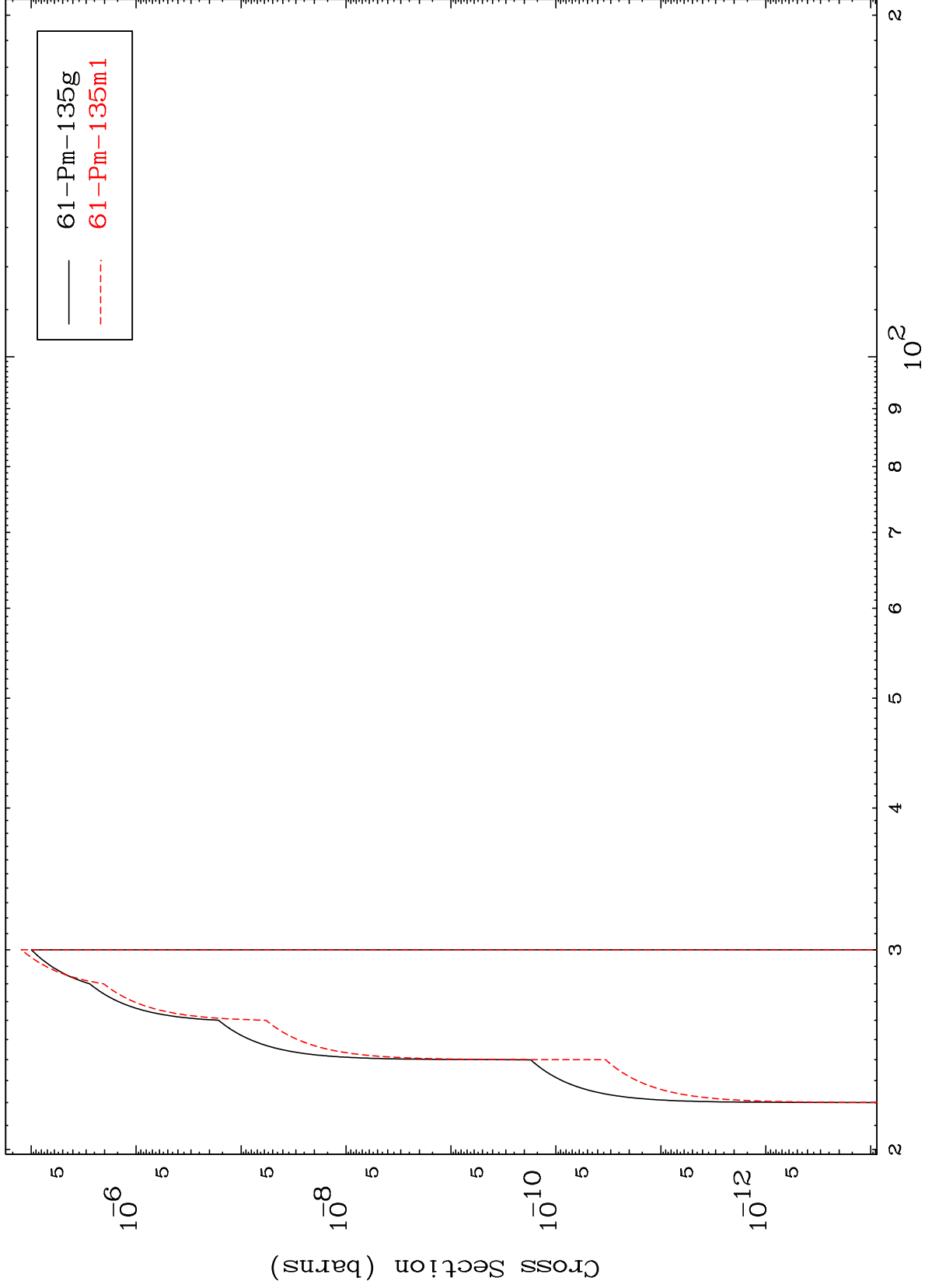
61-Pm-137

MAT 6119

(d,2n) d

61-Pm-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

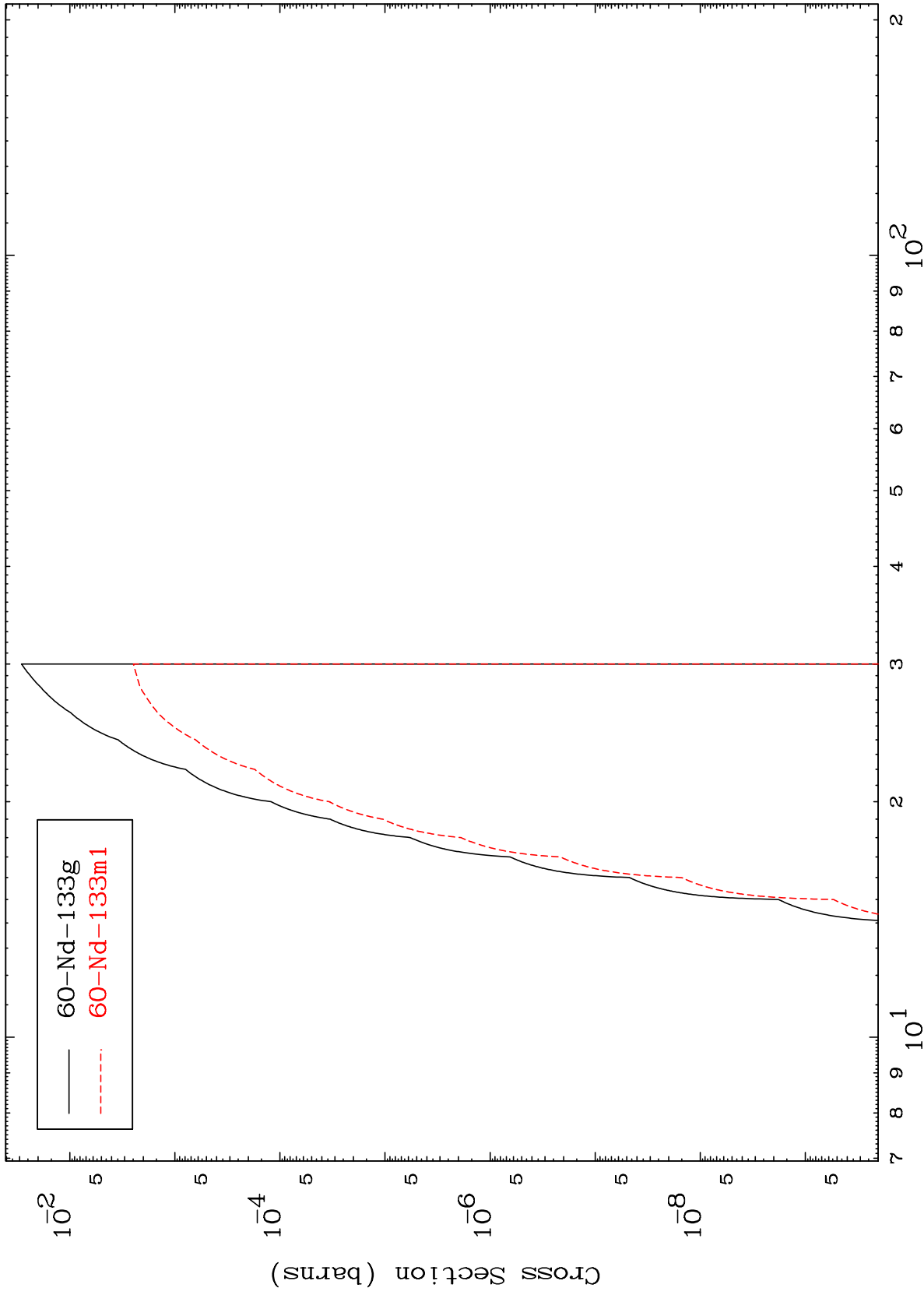
61-Pm-137

MAT 6119

(d,2n)  $\alpha$

61-Pm-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

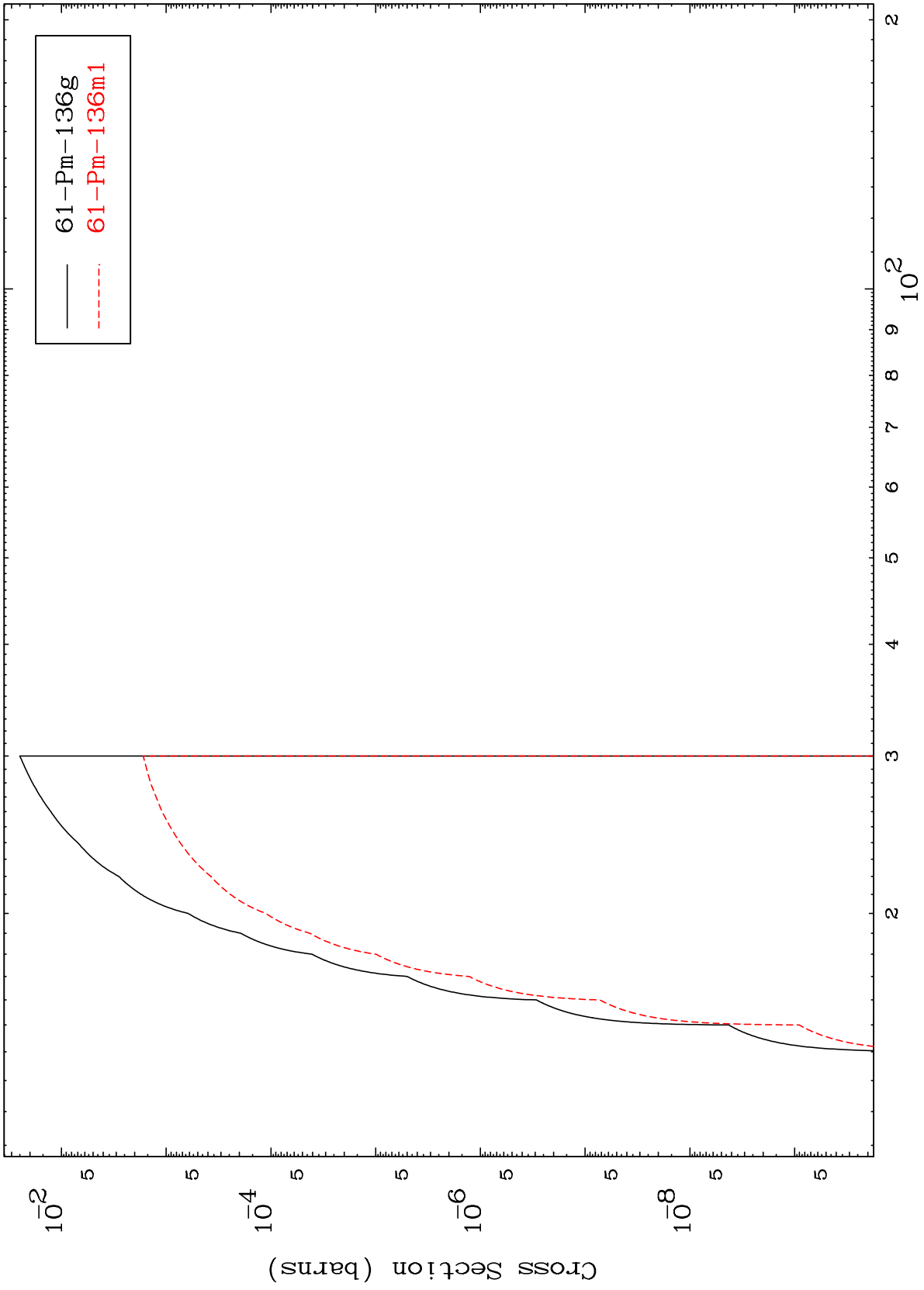
61-Pm-137

MAT 6119

(d,n') d

61-Pm-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

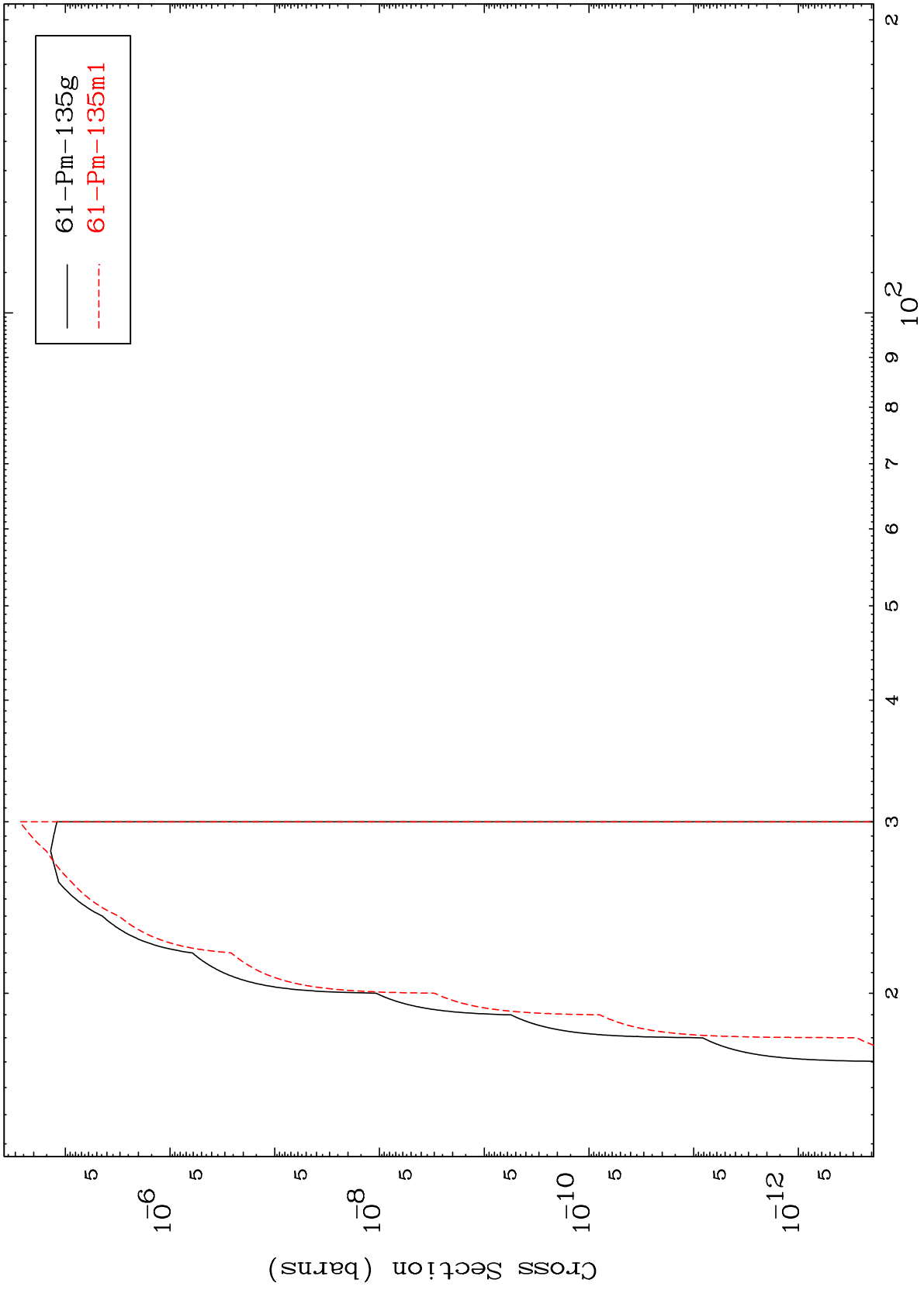
61-Pm-137

MAT 6119

(d,n') t

<sup>61</sup>Pm-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>61</sup>Pm-137

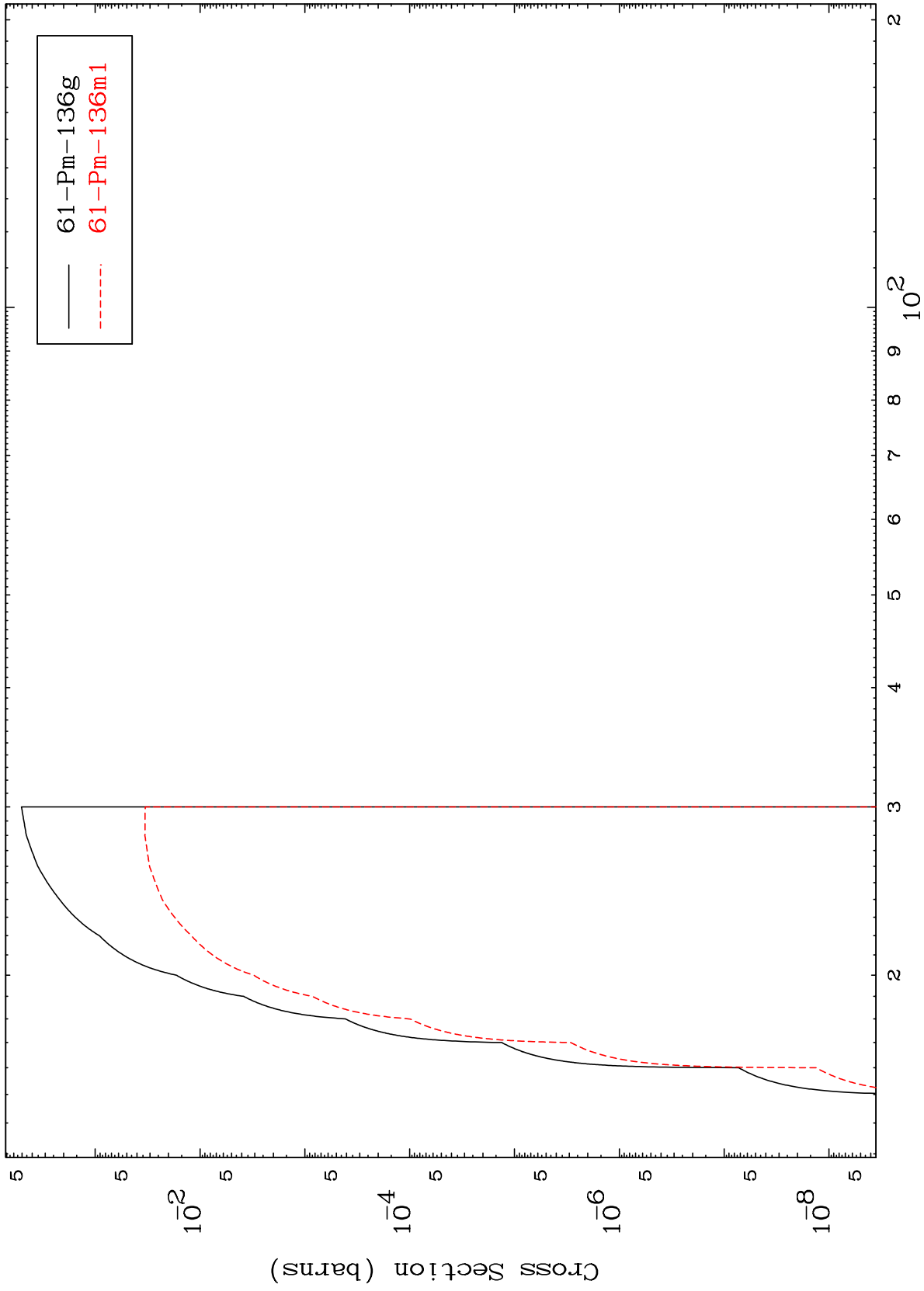


MAT 6119

(d,2n) p

61-Pm-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

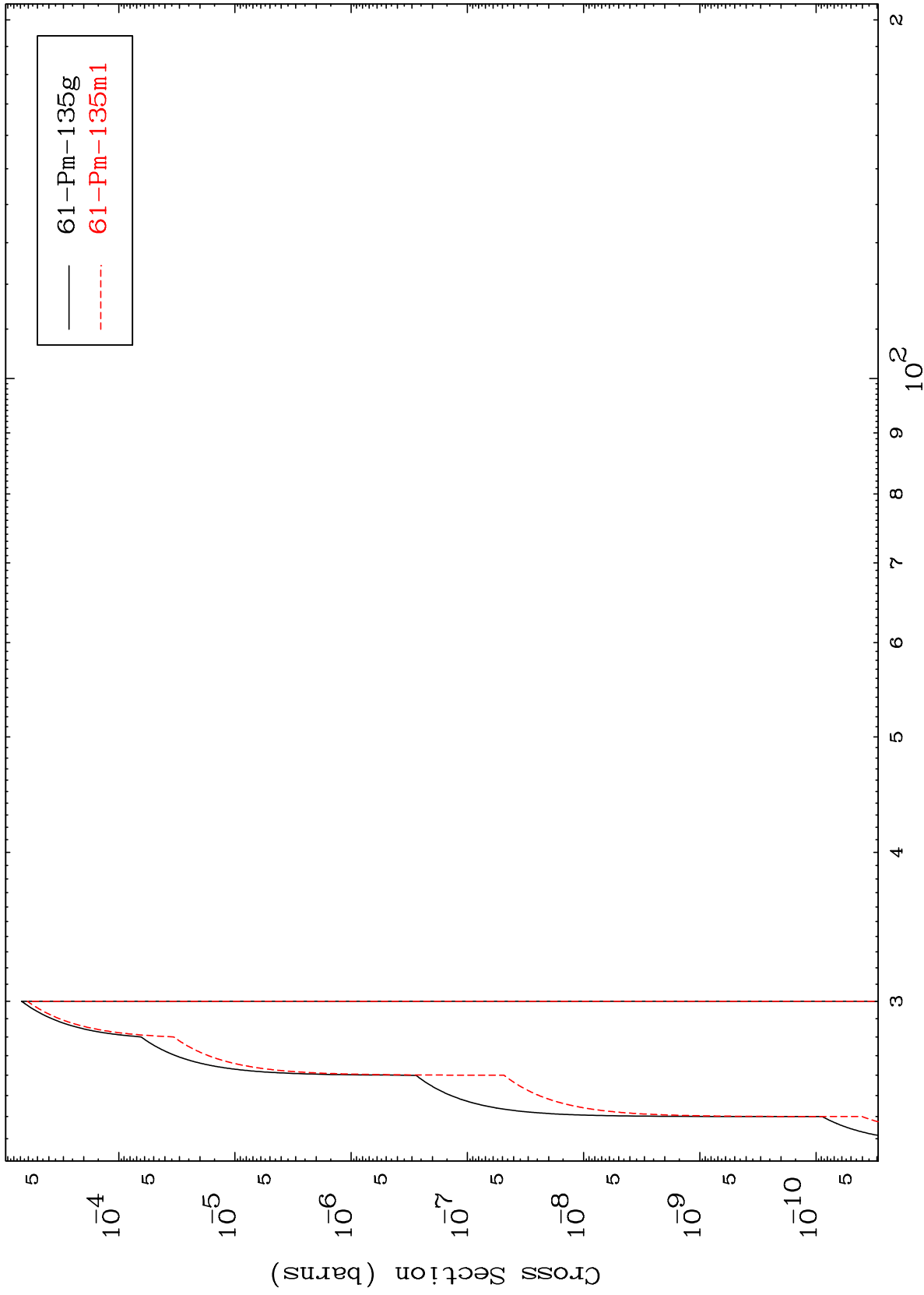
61-Pm-137

MAT 6119

(d,3n) p

61-Pm-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

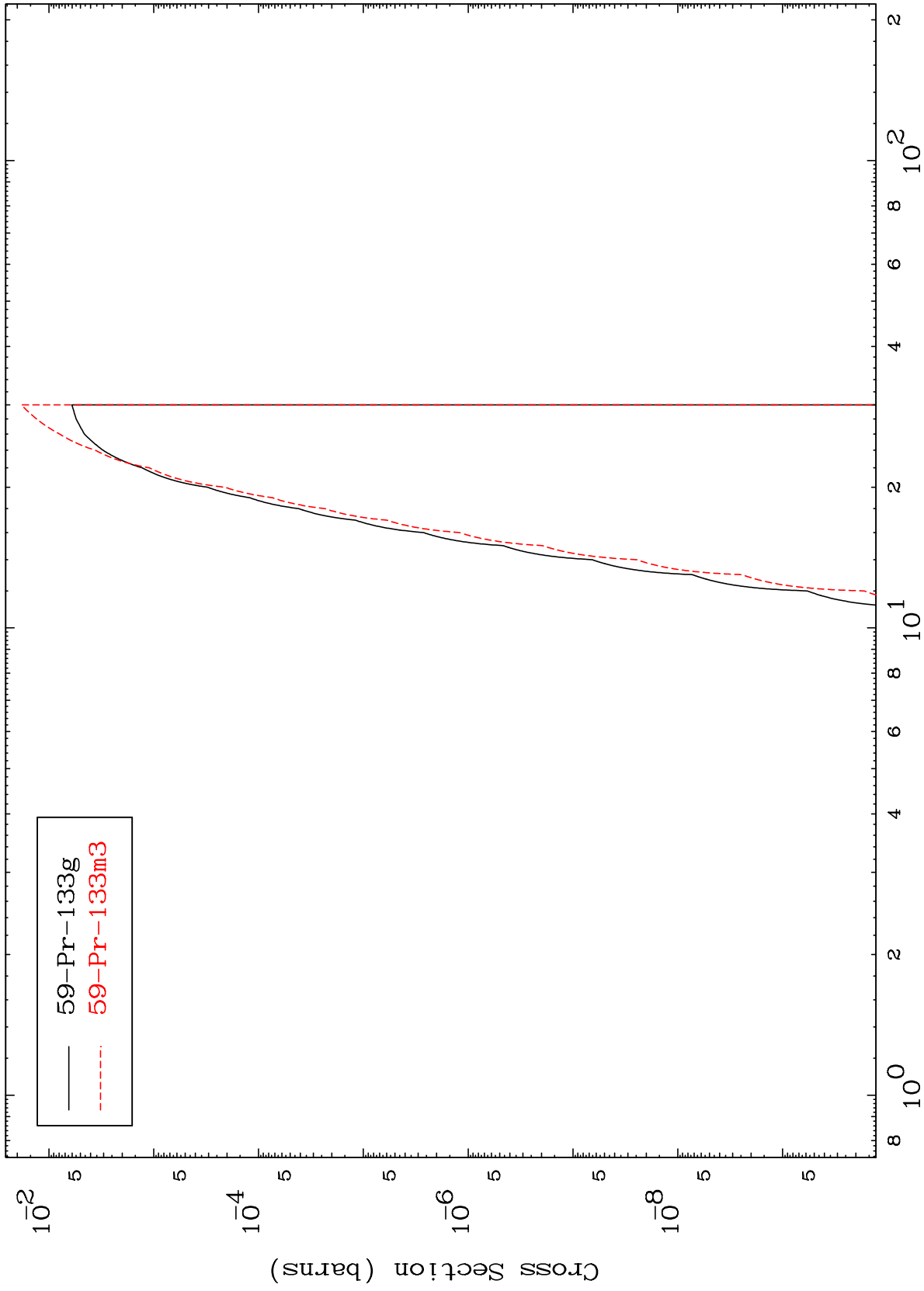
61-Pm-137

MAT 6119

(d,n') p  $\alpha$

61-Pm-137

Radionuclide Production Cross Section



59-Pr-133g  
59-Pr-133m3

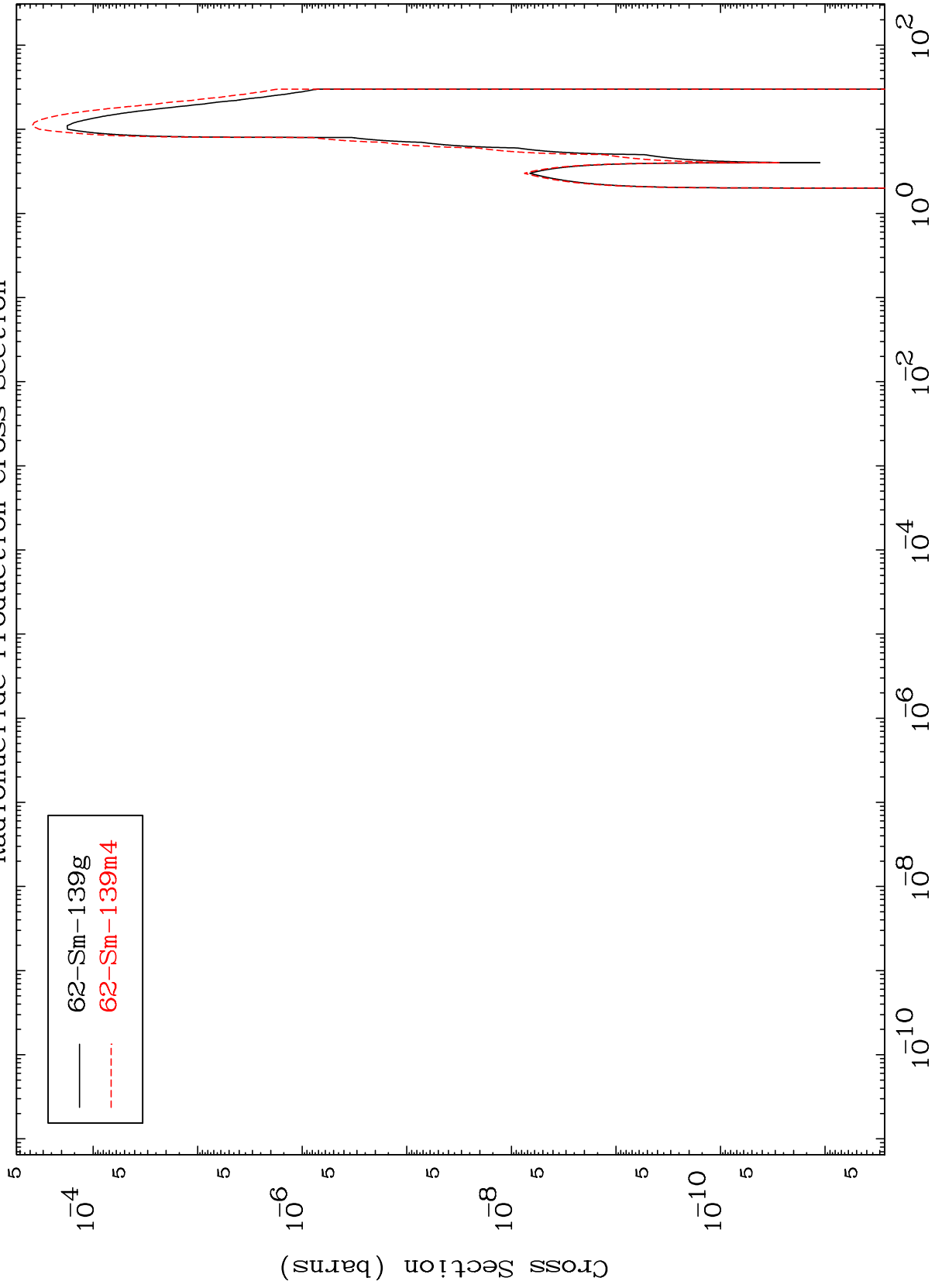
18

61-Pm-137

MAT 6119

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

61-Pm-137



19

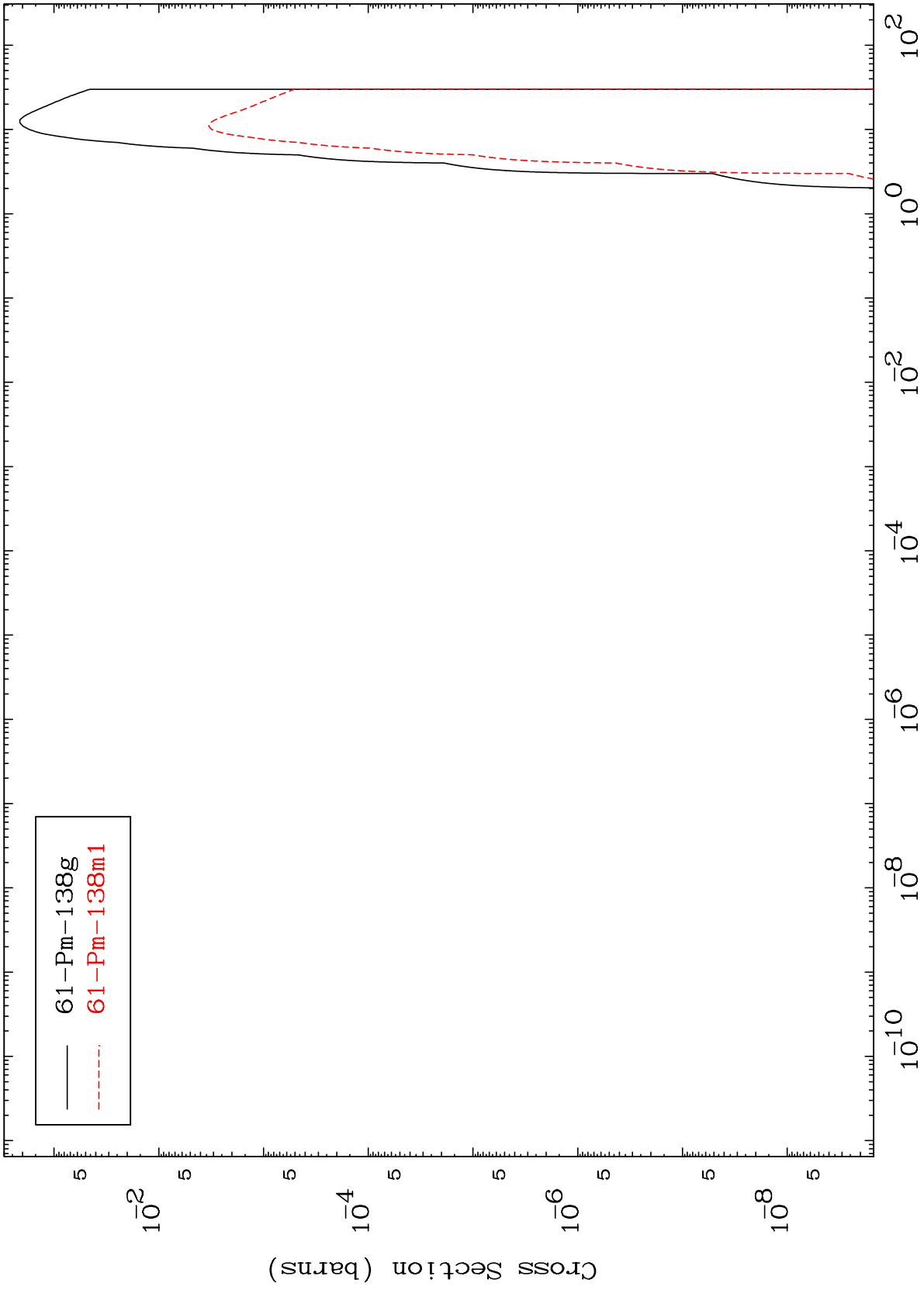
Incident Energy (MeV)

61-Pm-137

MAT 6119

(d,p)  
Radionuclide Production Cross Section

61-Pm-137



20

Incident Energy (MeV)

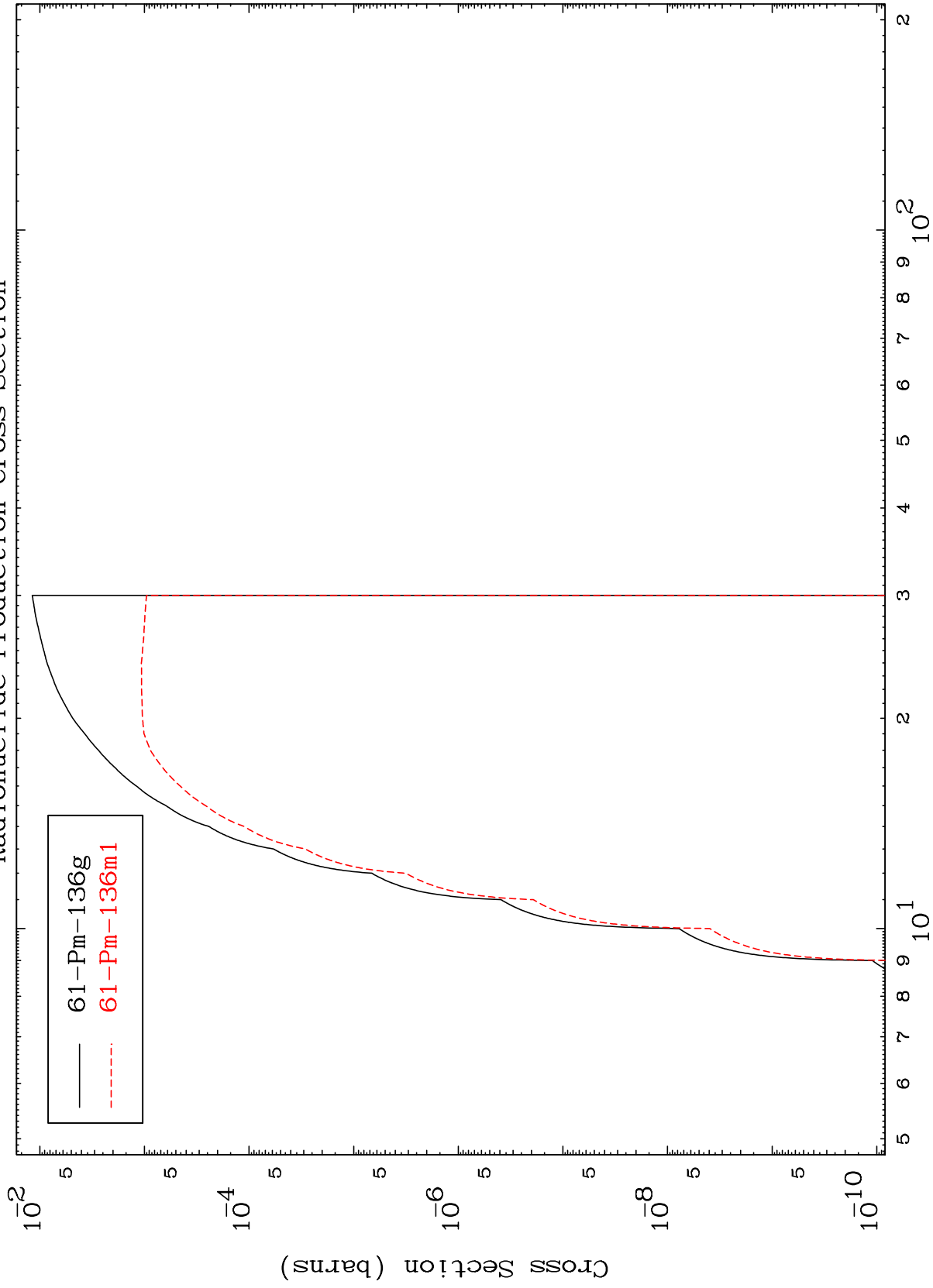
61-Pm-137

MAT 6119

(d, t)

61-Pm-137

Radionuclide Production Cross Section



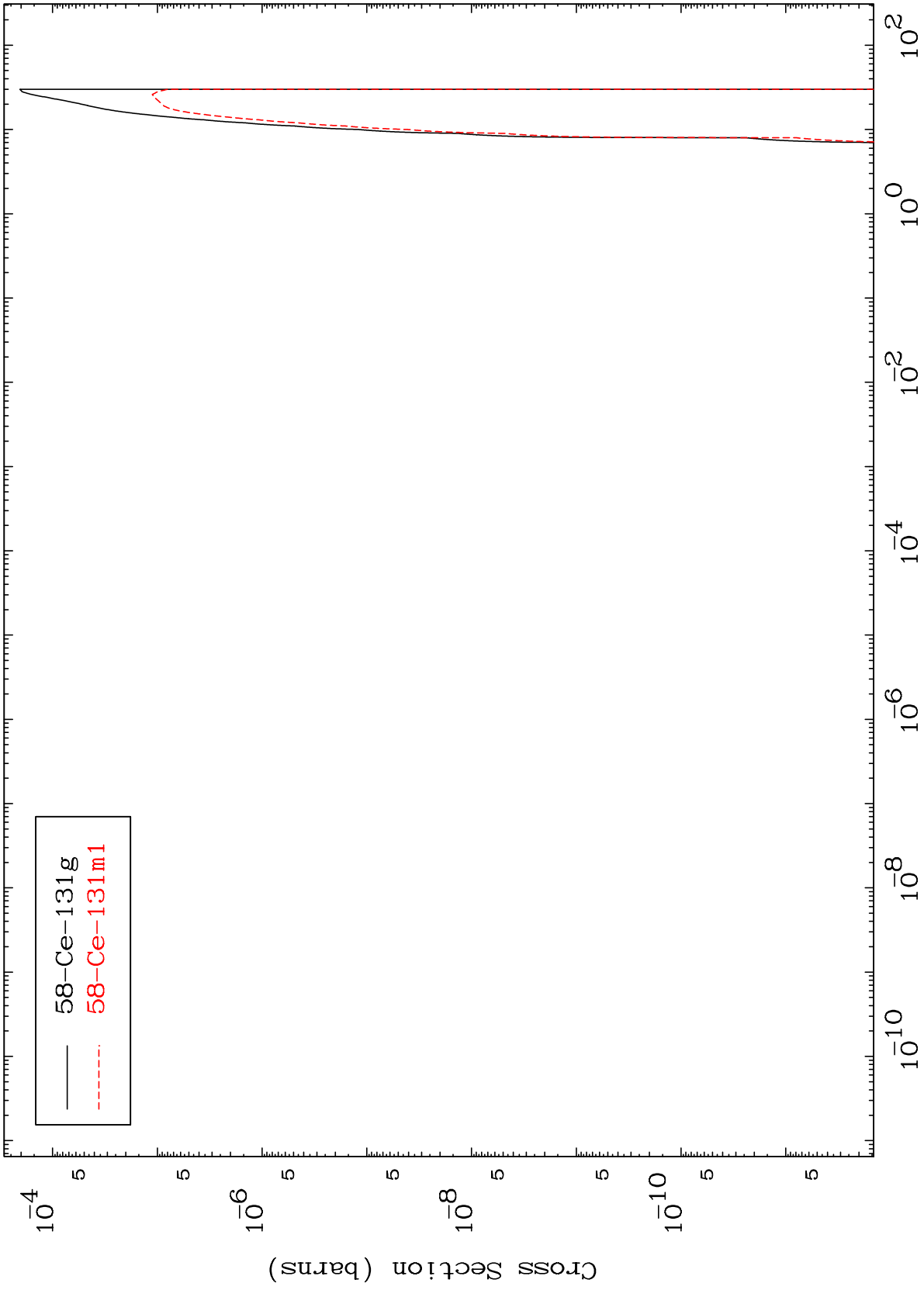
21

61-Pm-137

MAT 6119

Radionuclide Production Cross Section  
(d,2α)

61-Pm-137



22

Incident Energy (MeV)

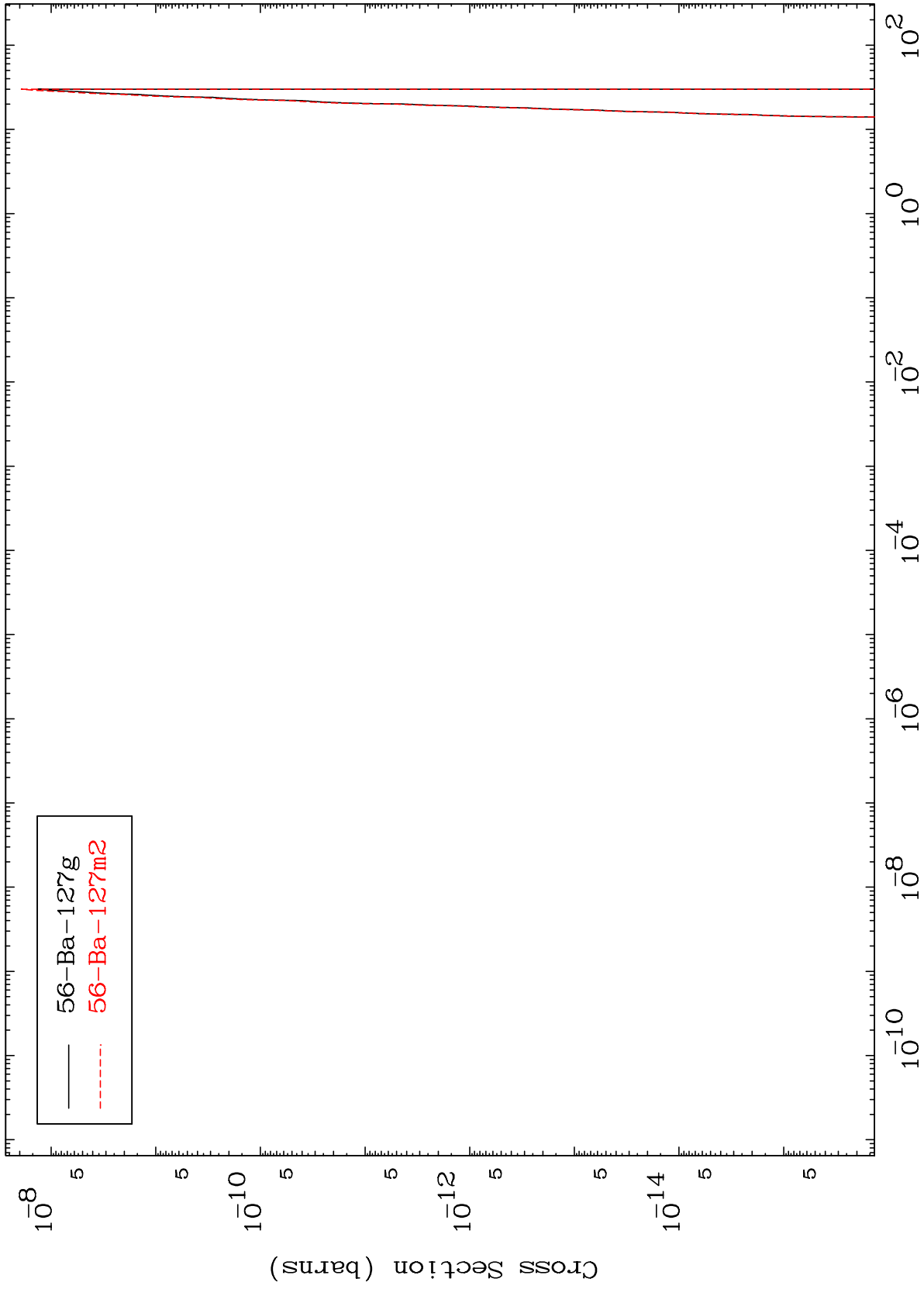
61-Pm-137

MAT 6119

(d,3 $\alpha$ )

61-Pm-137

Radionuclide Production Cross Section



23

Incident Energy (MeV)

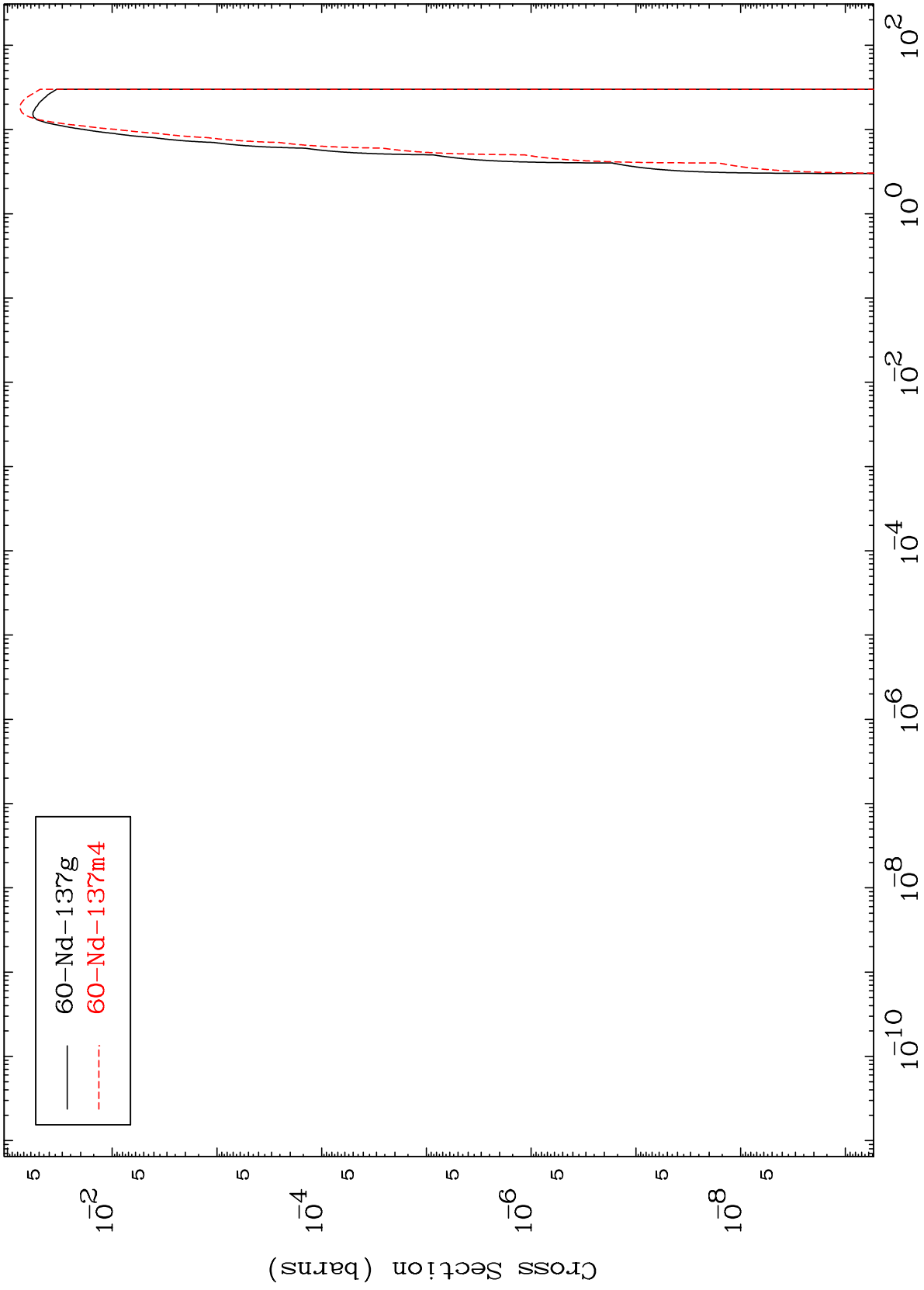
61-Pm-137



MAT 6119

(d,2p)  
Radionuclide Production Cross Section

61-Pm-137



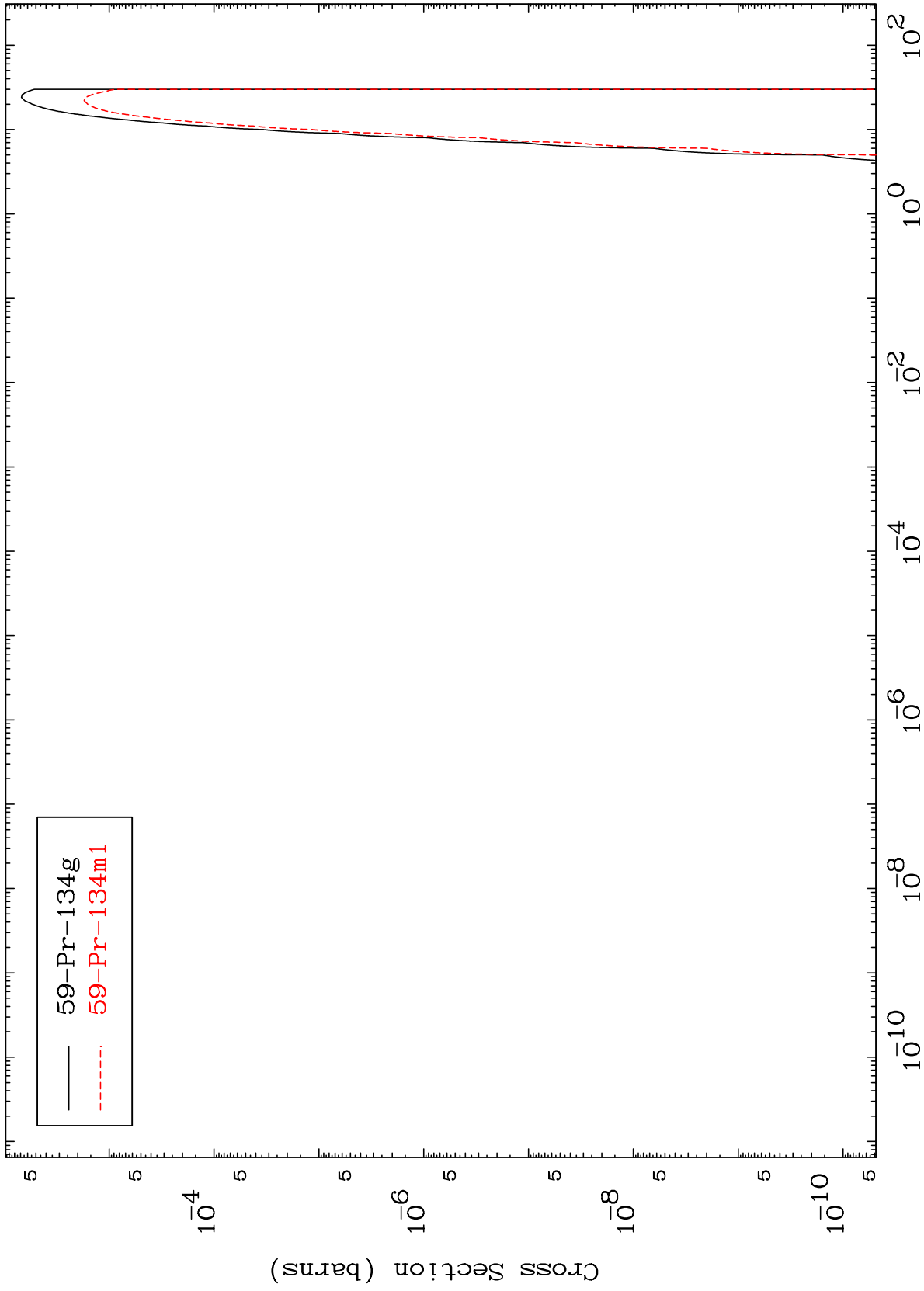
61-Pm-137

MAT 6119

(d,p)  $\alpha$

<sup>61</sup>Pm-137

Radionuclide Production Cross Section



25

Incident Energy (MeV)

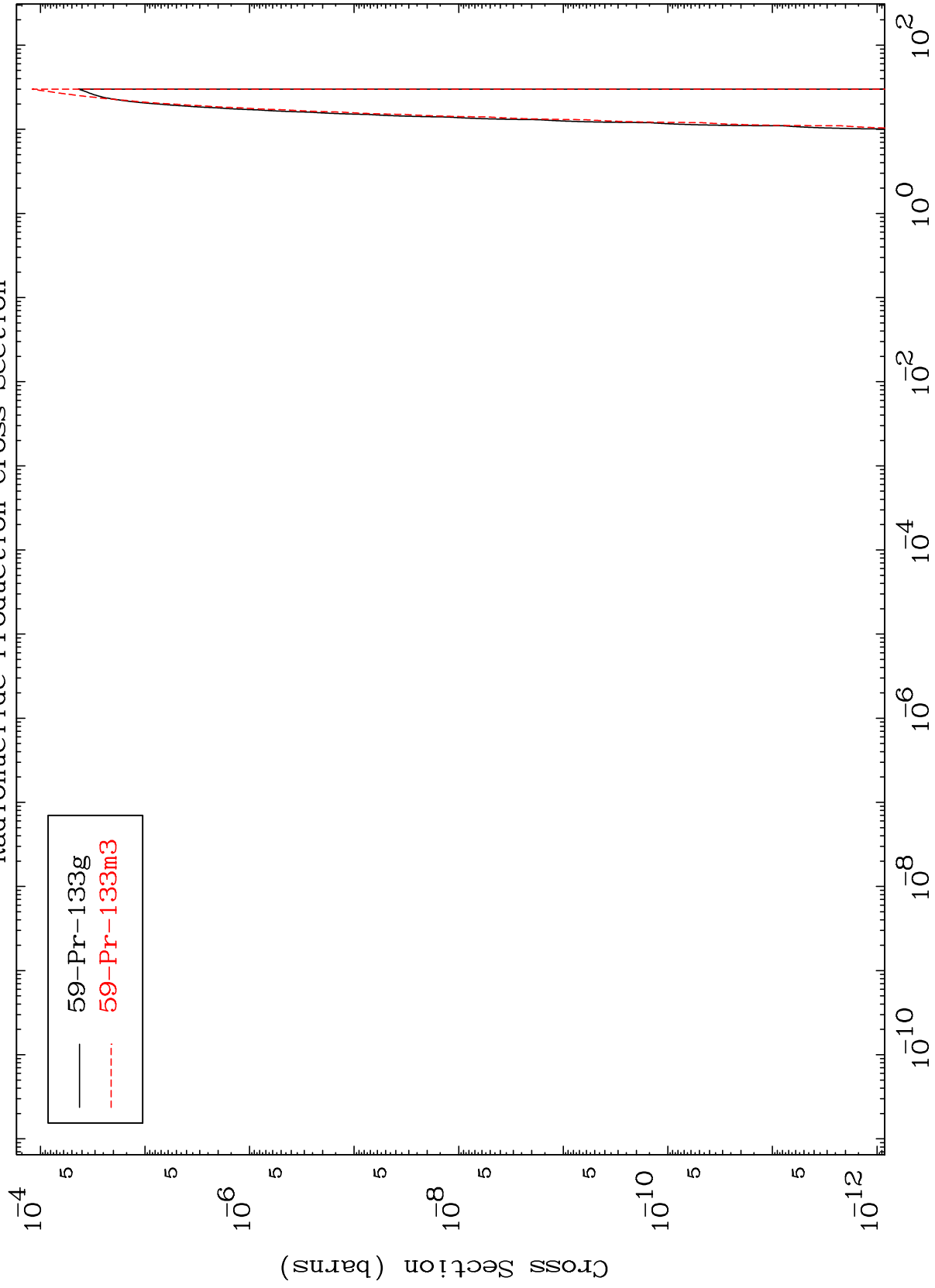
<sup>61</sup>Pm-137

MAT 6119

(d,d)  $\alpha$

$^{61}\text{Pm-137}$

Radionuclide Production Cross Section



26

Incident Energy (MeV)

$^{61}\text{Pm-137}$