

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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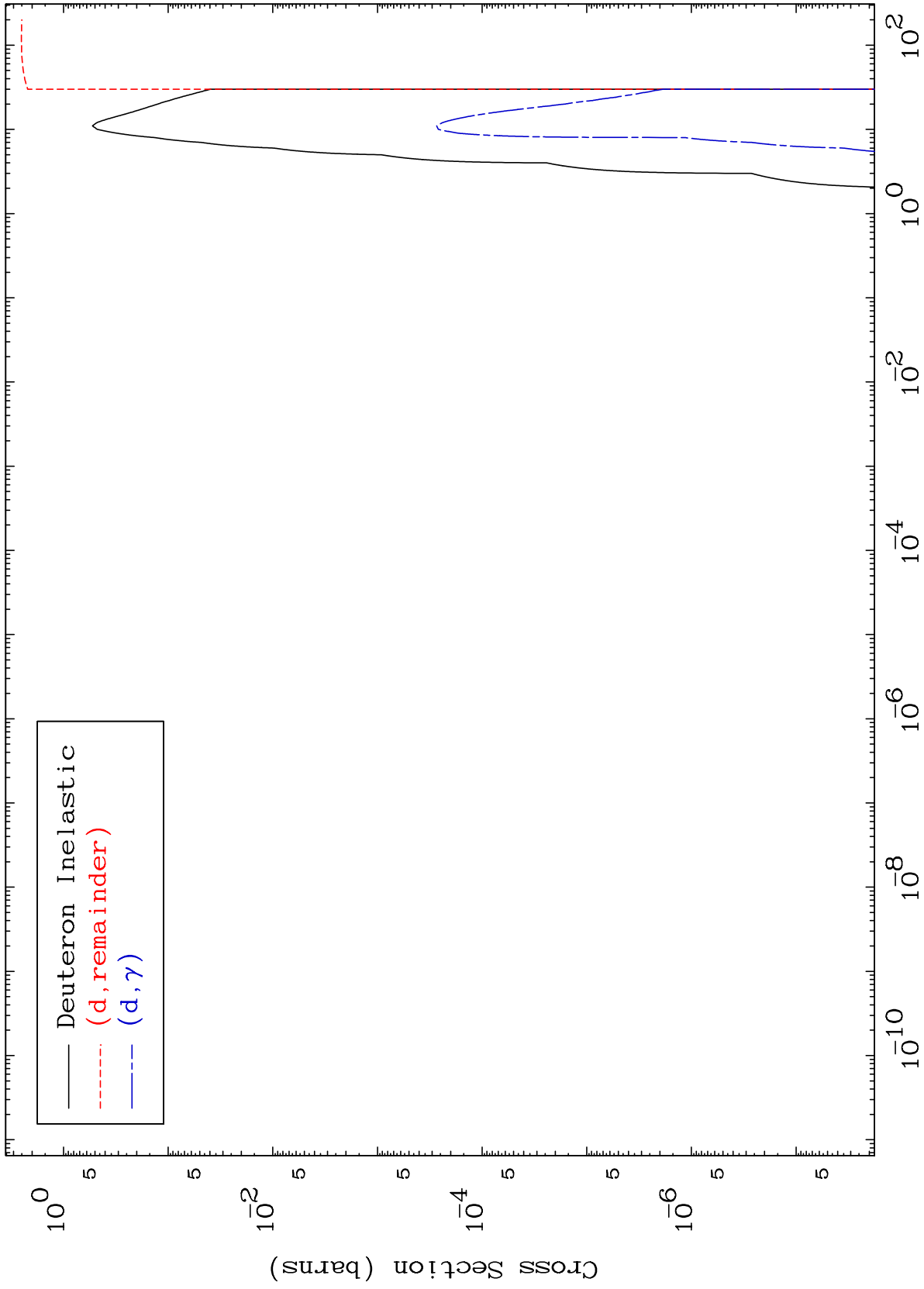
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6019

Deuteron Major  
0 Kelvin Cross Sections

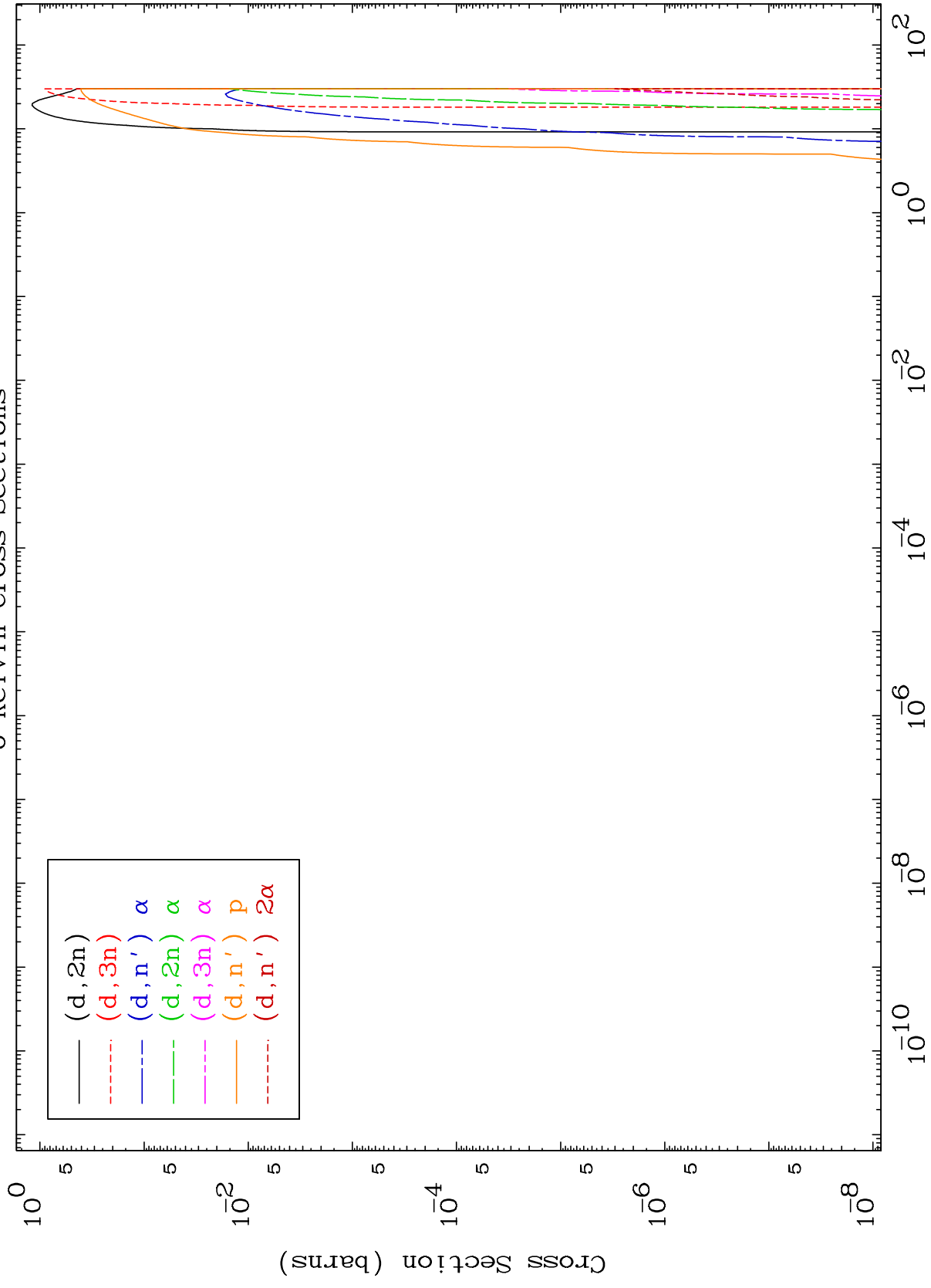
60-Nd-140



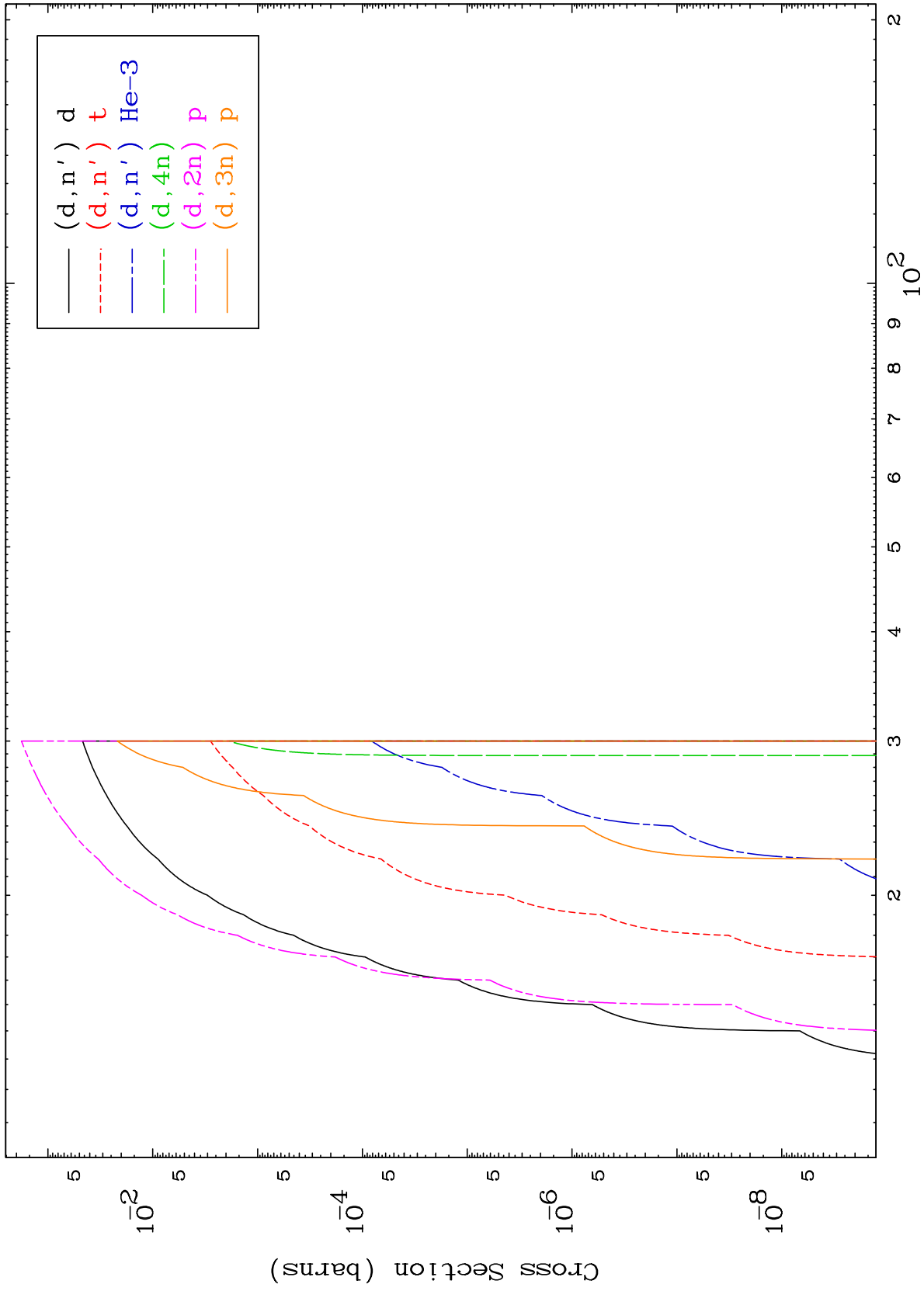
MAT 6019

Deuteron Neutron Production  
0 Kelvin Cross Sections

60-Nd-140



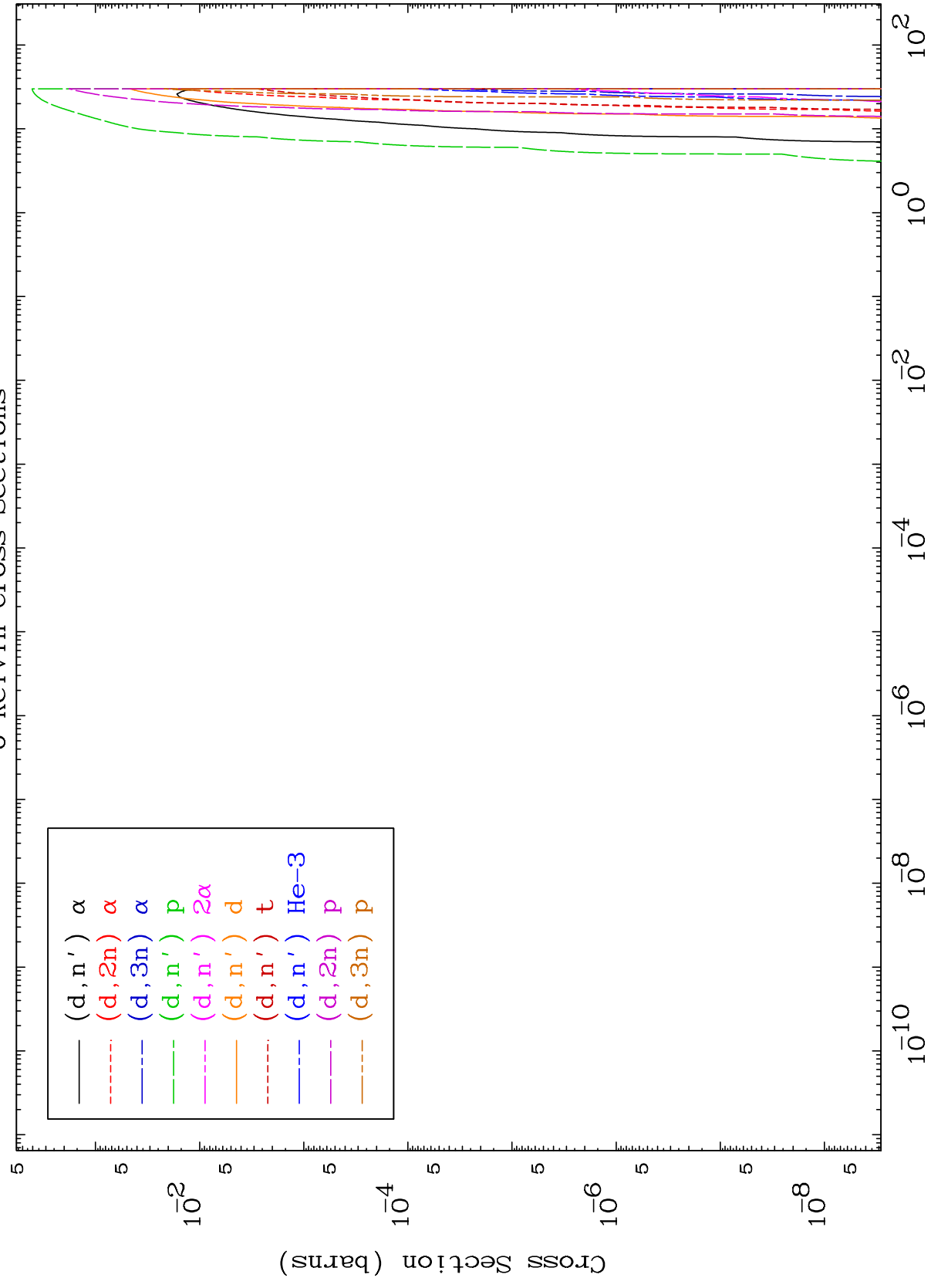
60-Nd-140



MAT 6019

Deuteron Charged Particle  
0 Kelvin Cross Sections

60-Nd-140

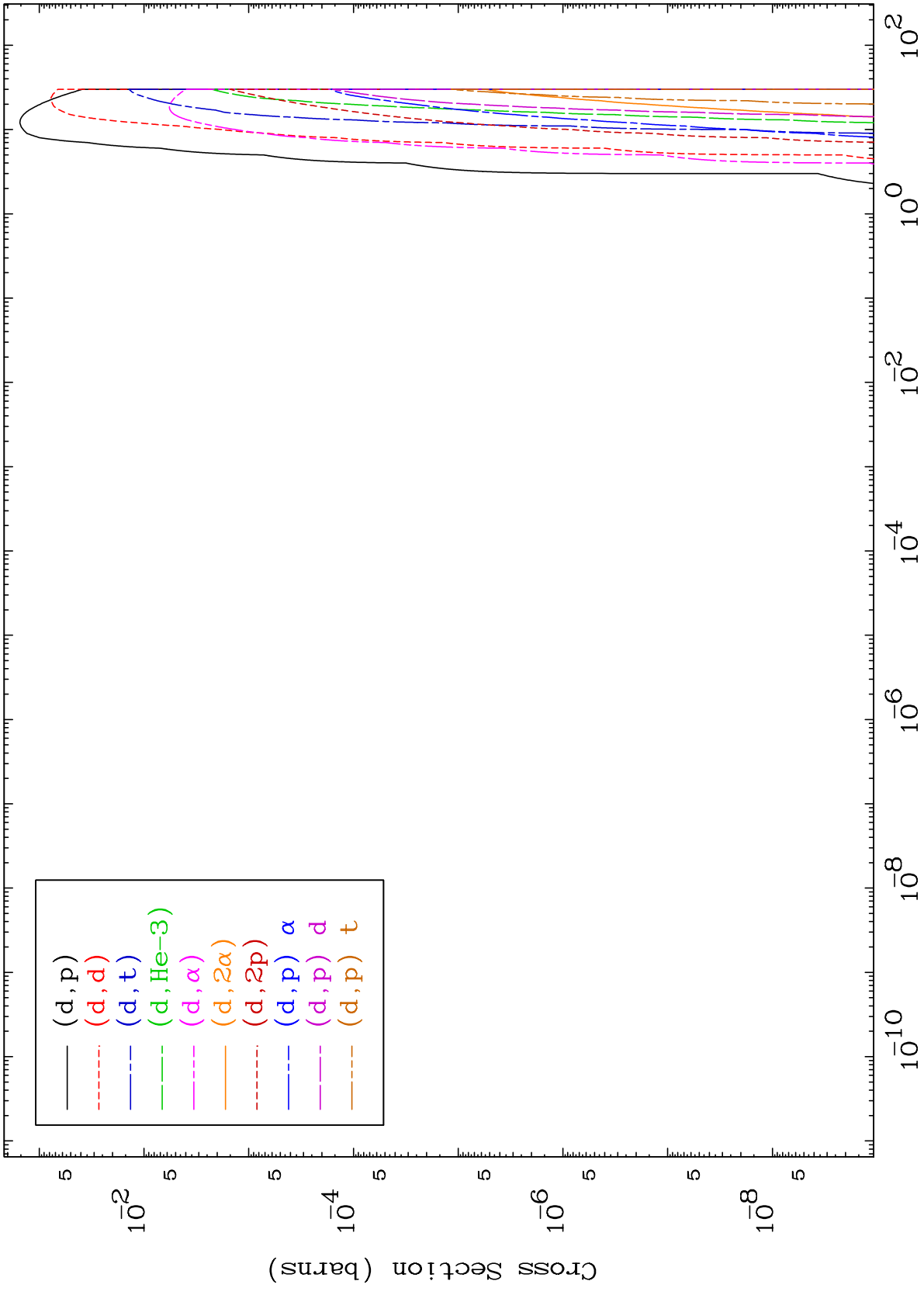


60-Nd-140

MAT 6019

Deuteron Charged Particle  
0 Kelvin Cross Sections

60-Nd-140



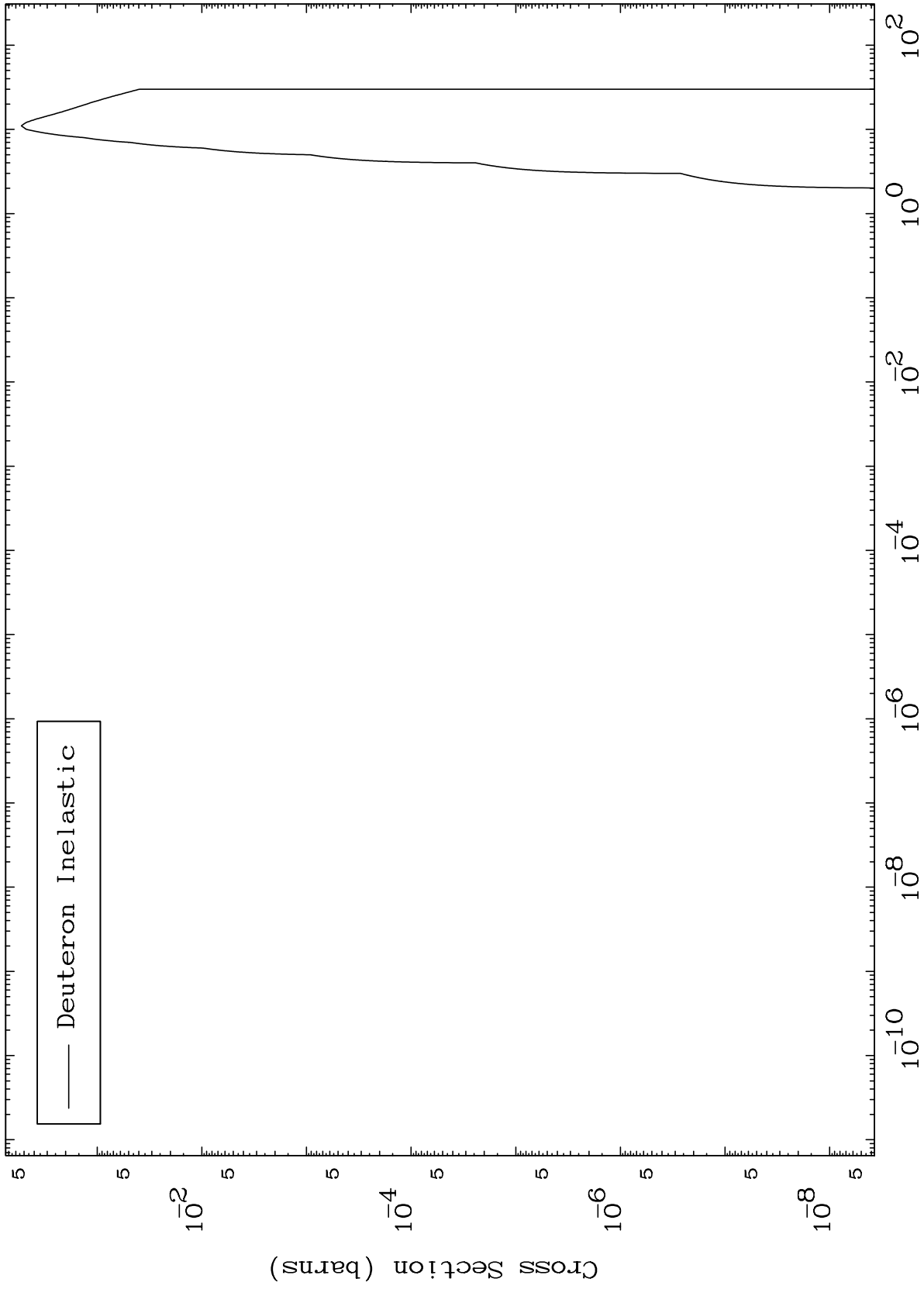
5

60-Nd-140

MAT 6019

(d,n') Level  
0 Kelvin Cross Sections

60-Nd-140



6

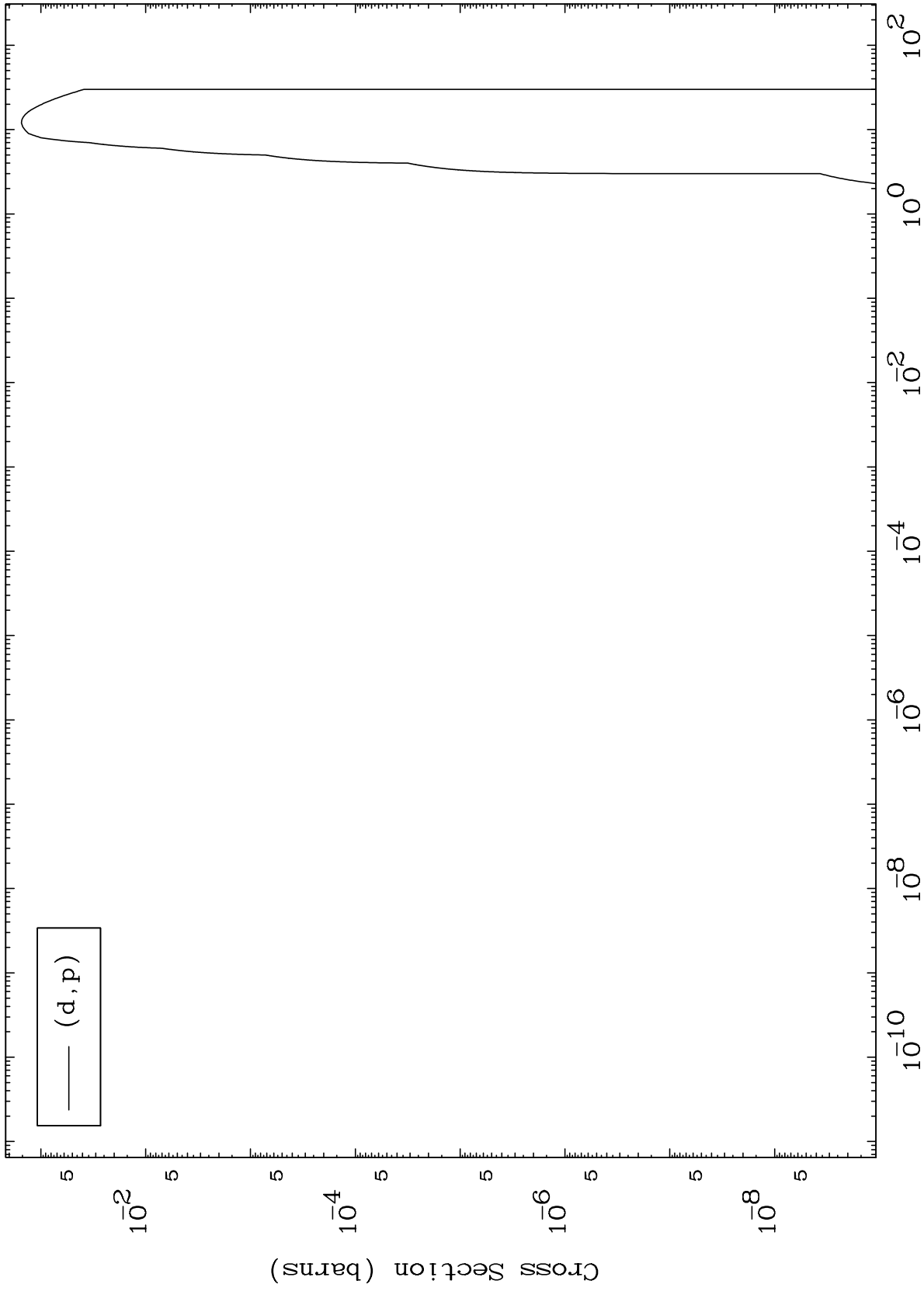
Incident Energy (MeV)

60-Nd-140

MAT 6019

(d,p) Levels  
0 Kelvin Cross Sections

60-Nd-140



7

Incident Energy (MeV)

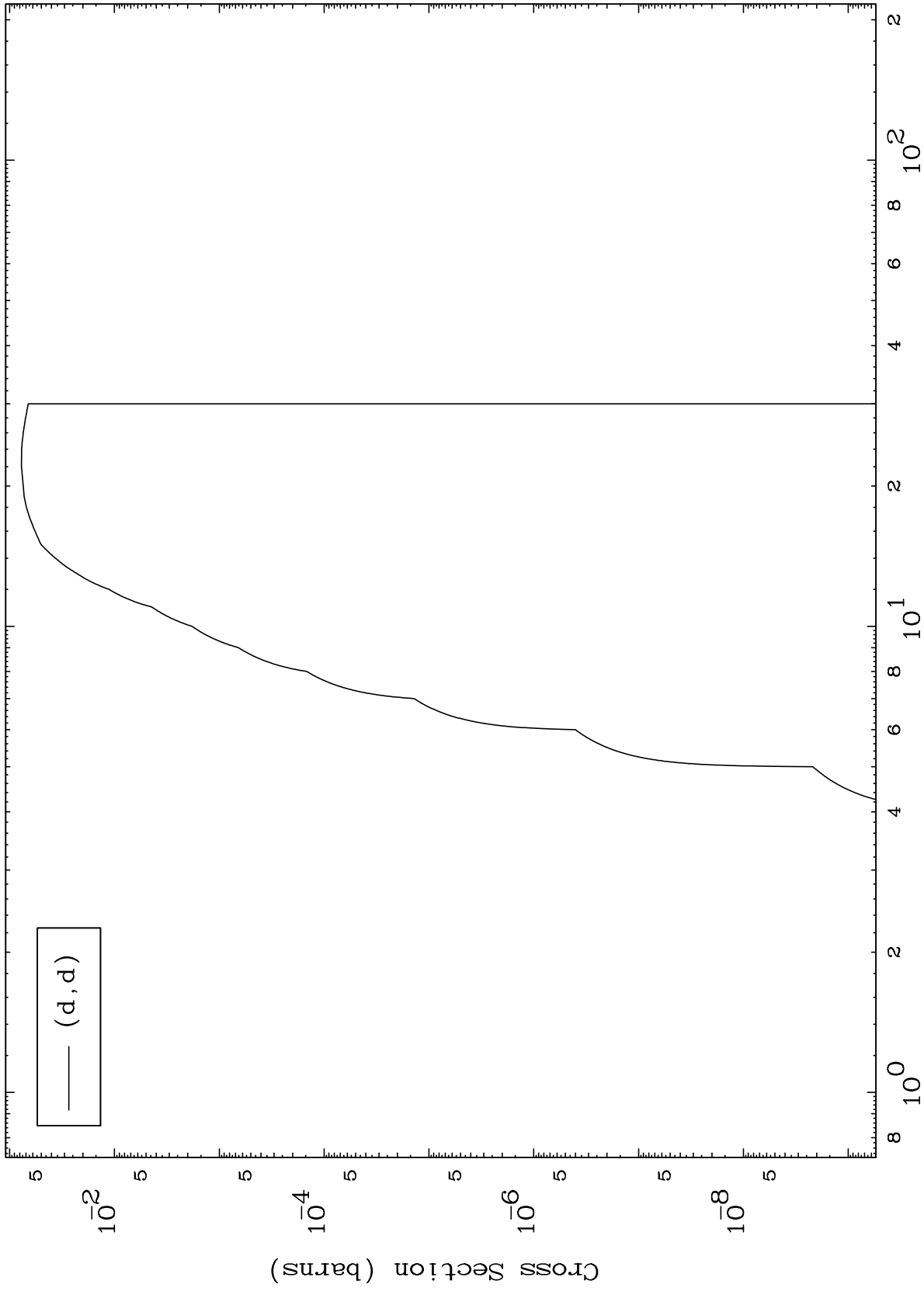
60-Nd-140



MAT 6019

(d,d) Levels  
0 Kelvin Cross Sections

60-Nd-140



8

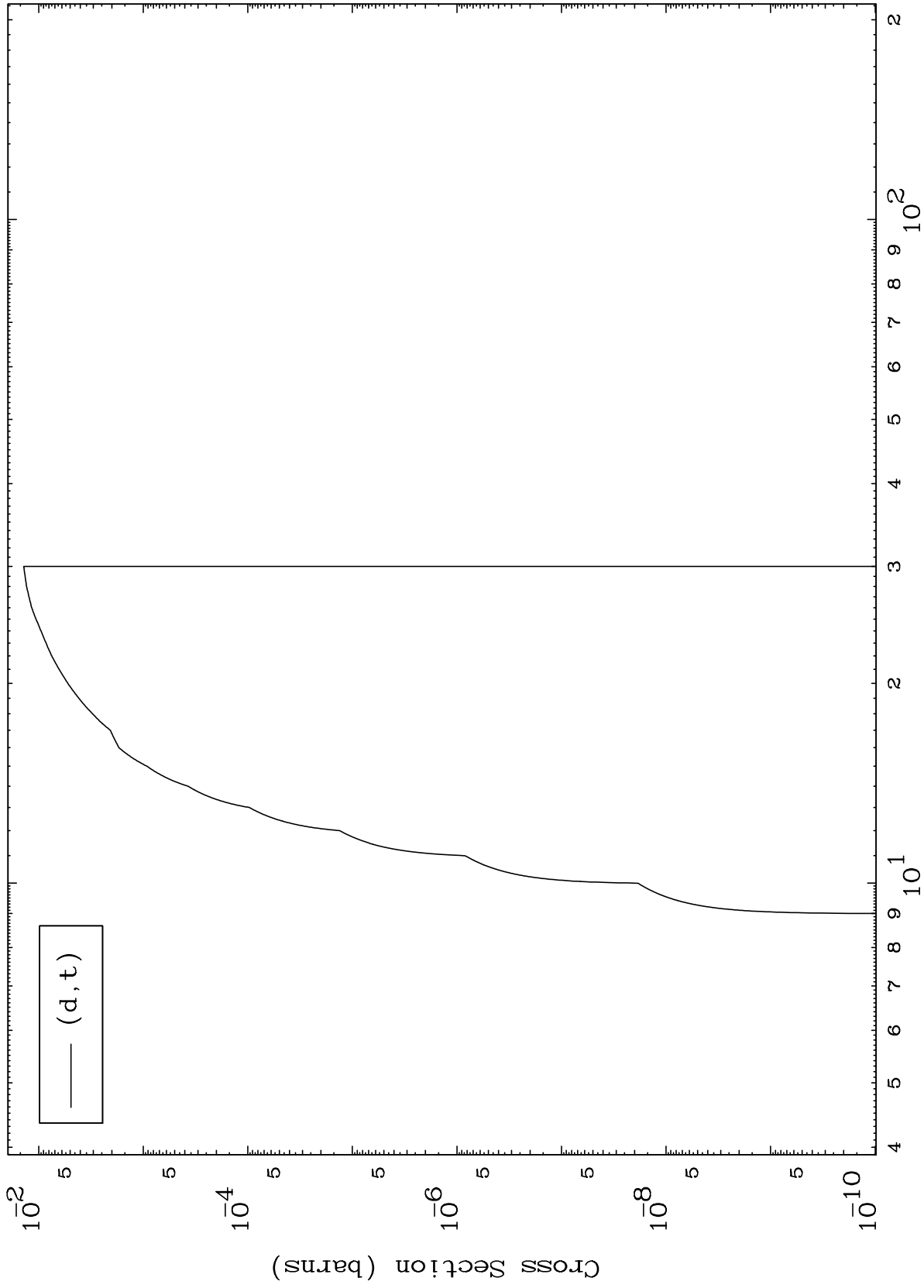
Incident Energy (MeV)

60-Nd-140

MAT 6019

(d,t) Levels  
0 Kelvin Cross Sections

60-Nd-140



9

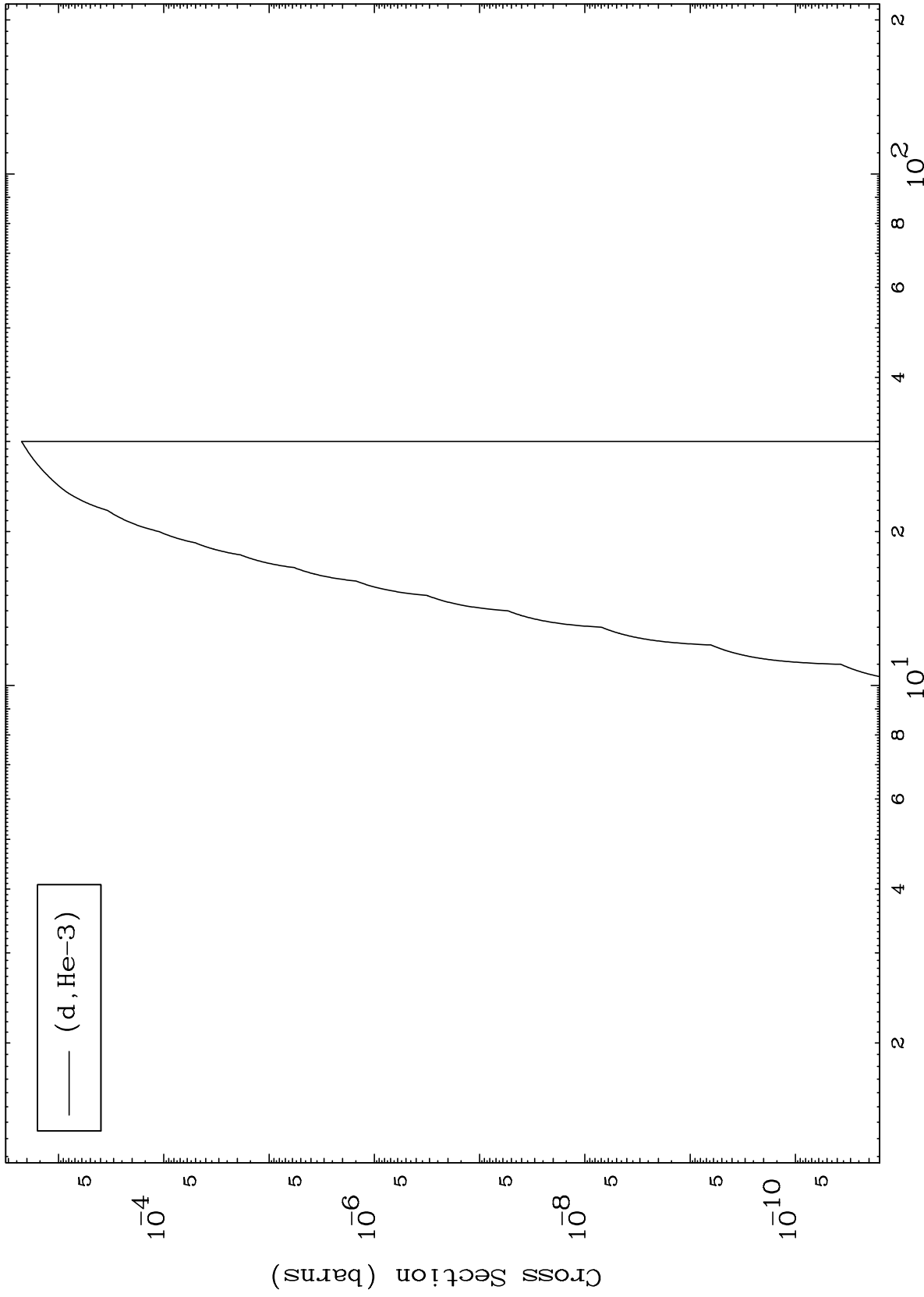
Incident Energy (MeV)

60-Nd-140

MAT 6019

(d,He3) Levels  
0 Kelvin Cross Sections

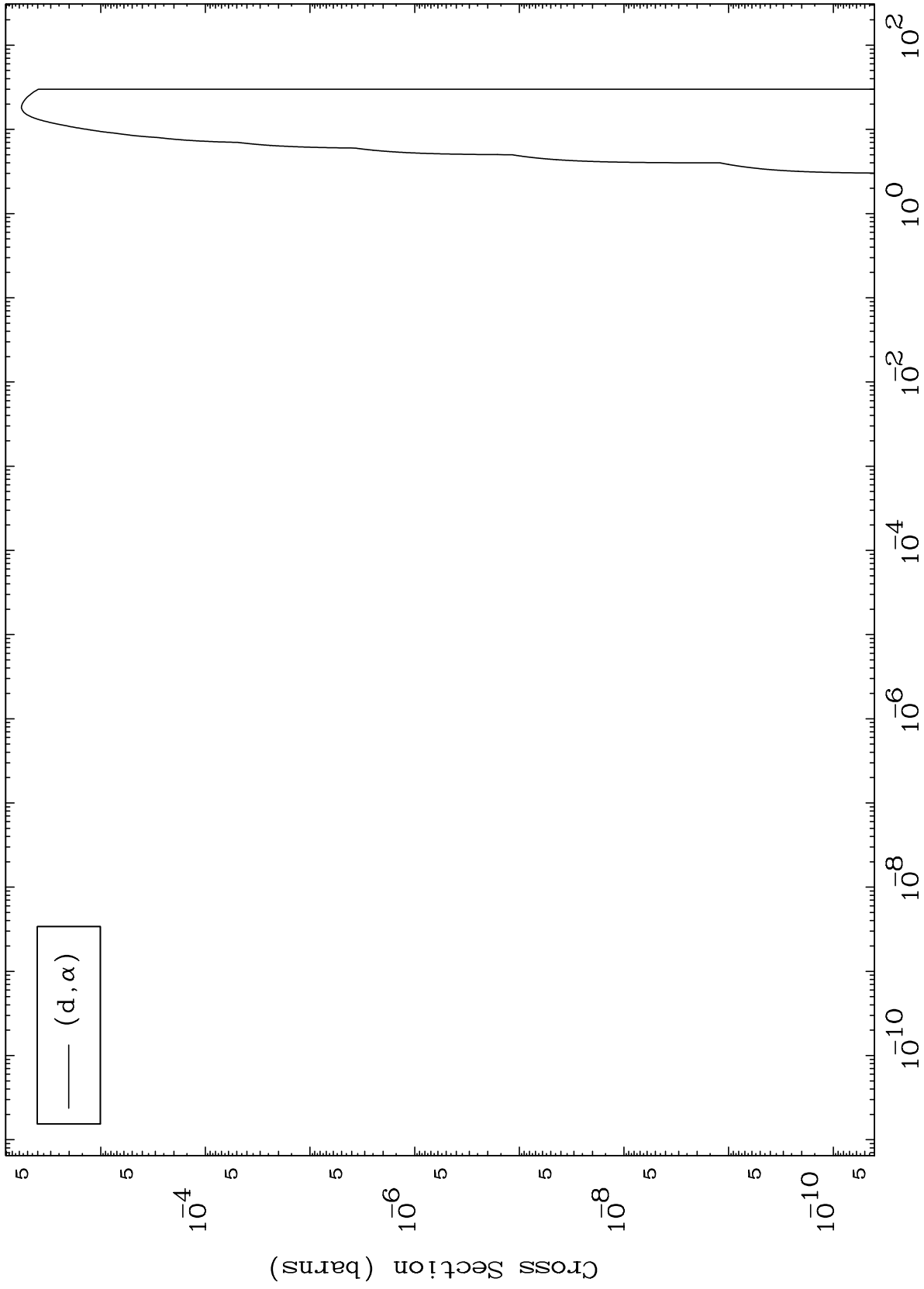
60-Nd-140



MAT 6019

(d,α) Levels  
0 Kelvin Cross Sections

60-Nd-140



11

Incident Energy (MeV)

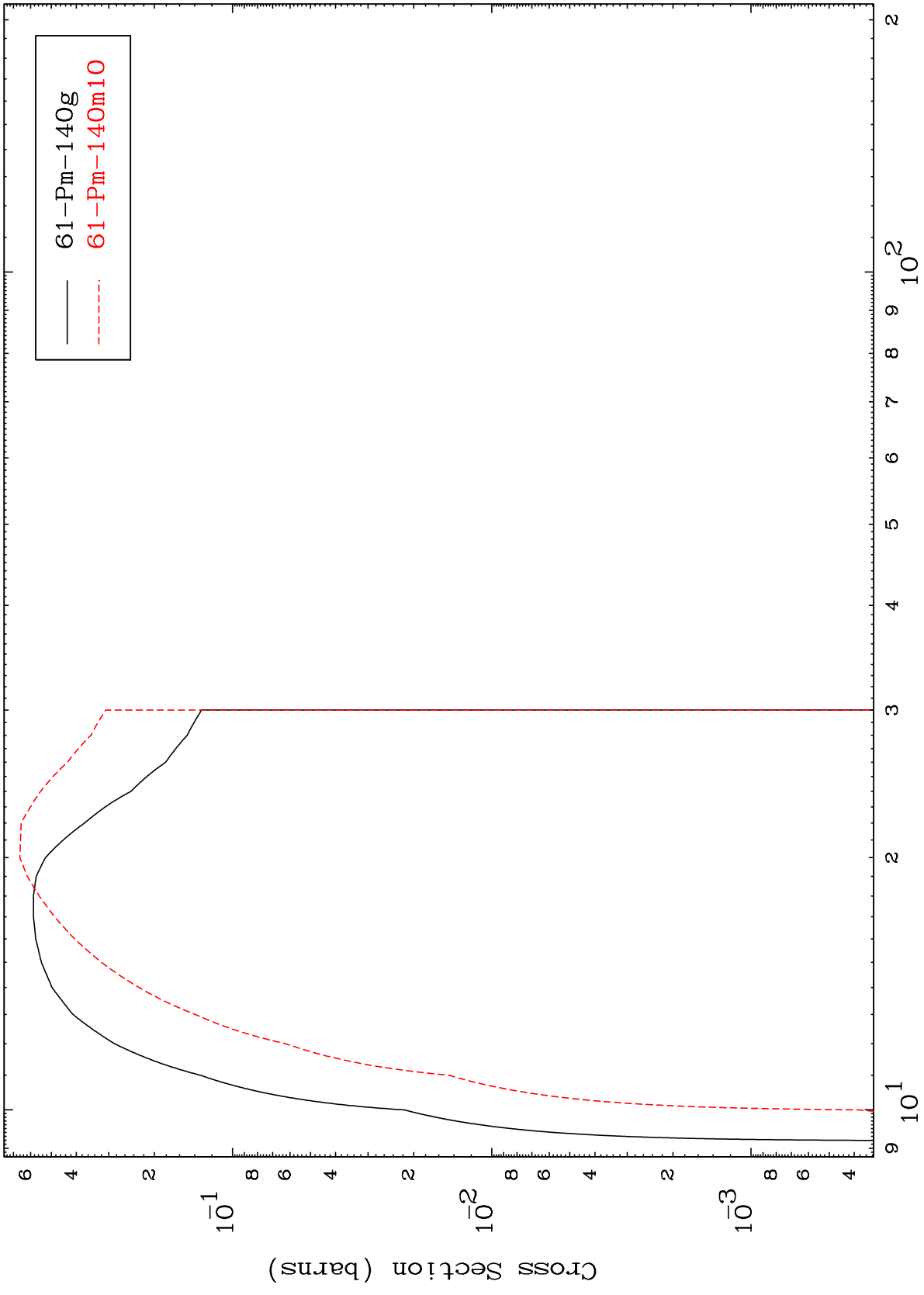
60-Nd-140

MAT 6019

(d,2n)

60-Nd-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

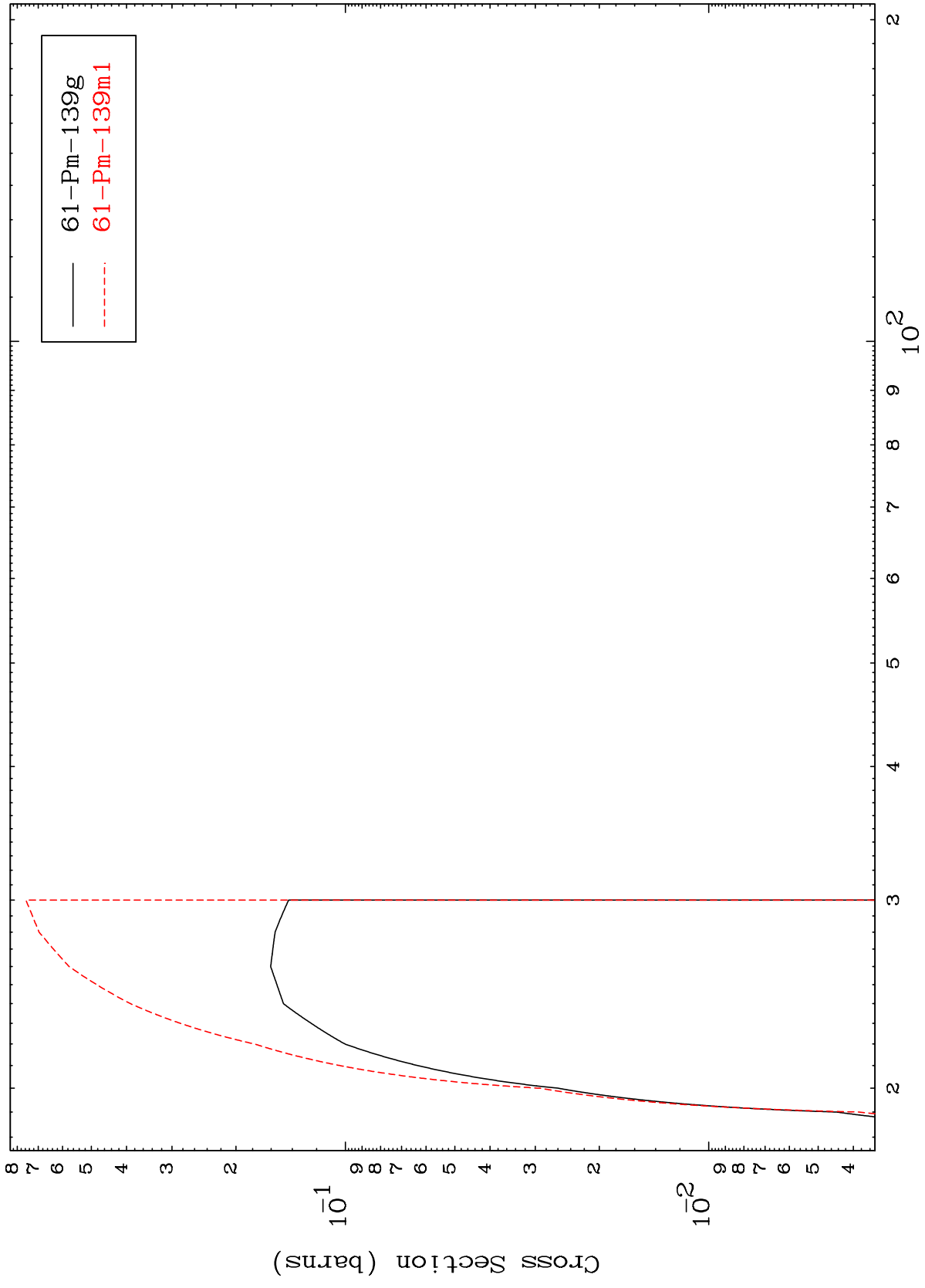
60-Nd-140

MAT 6019

(d,3n)

60-Nd-140

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1

13

Incident Energy (MeV)

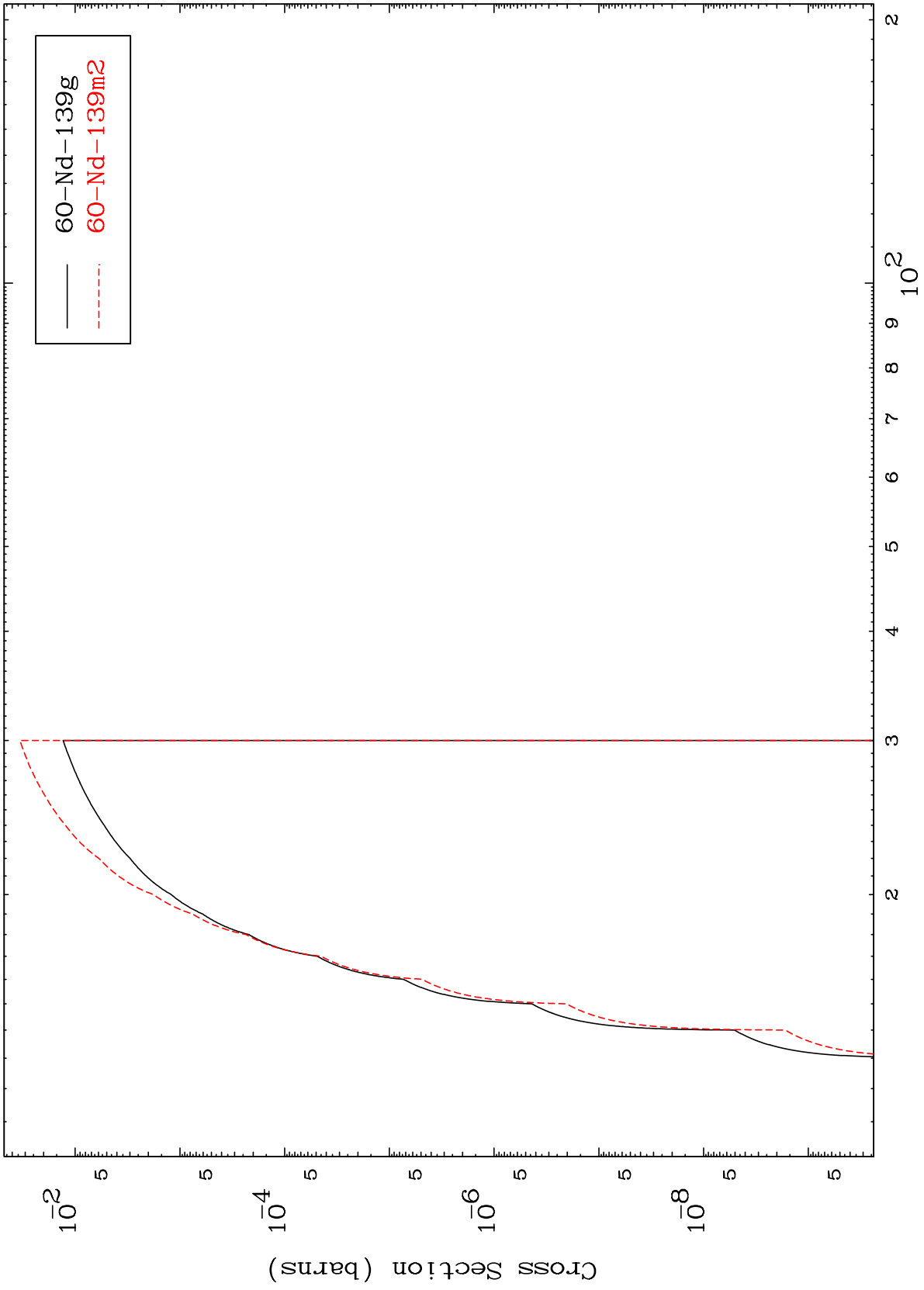
60-Nd-140

MAT 6019

(d,n') d

60-Nd-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

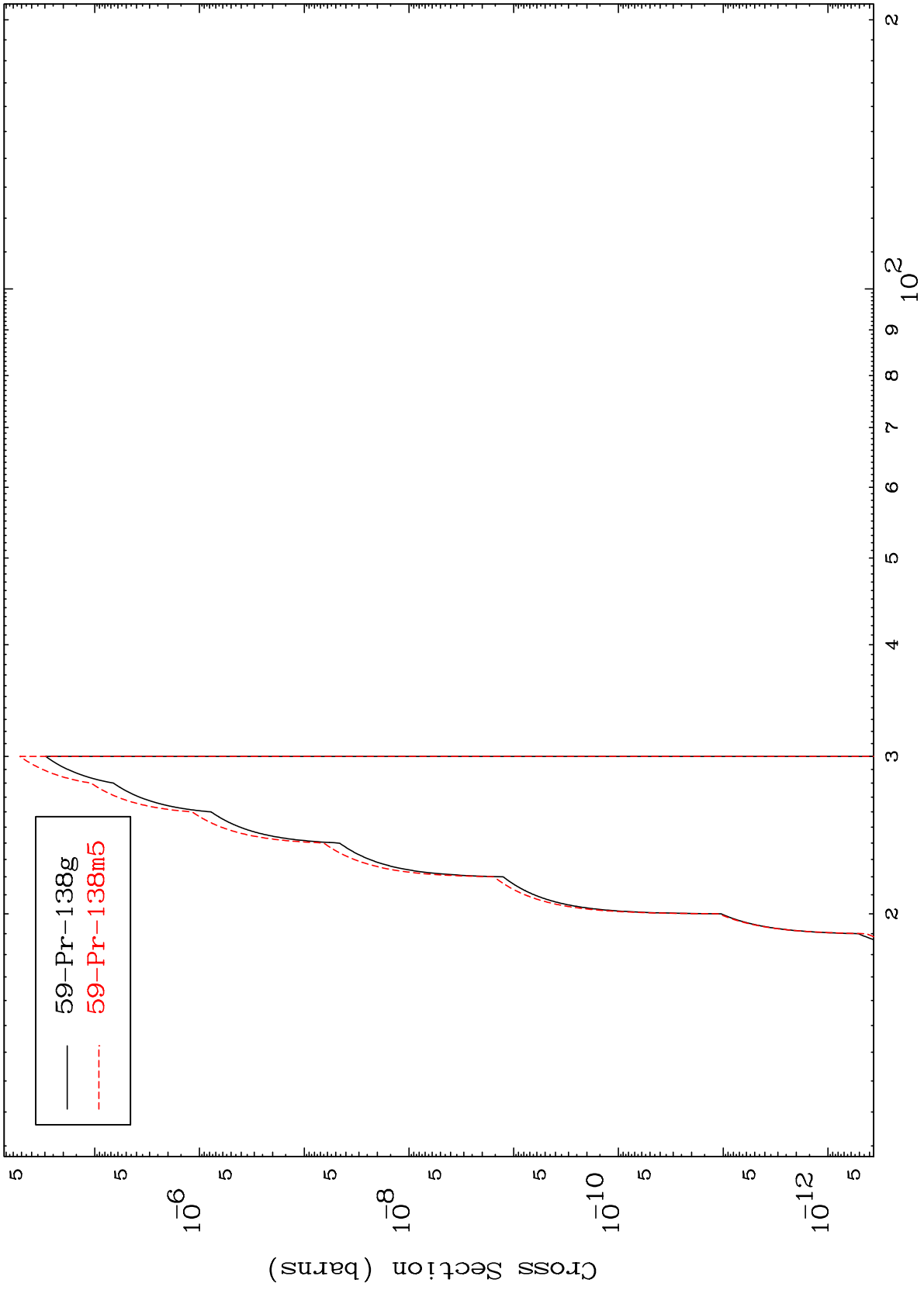
60-Nd-140

MAT 6019

(d, n') He-3

60-Nd-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

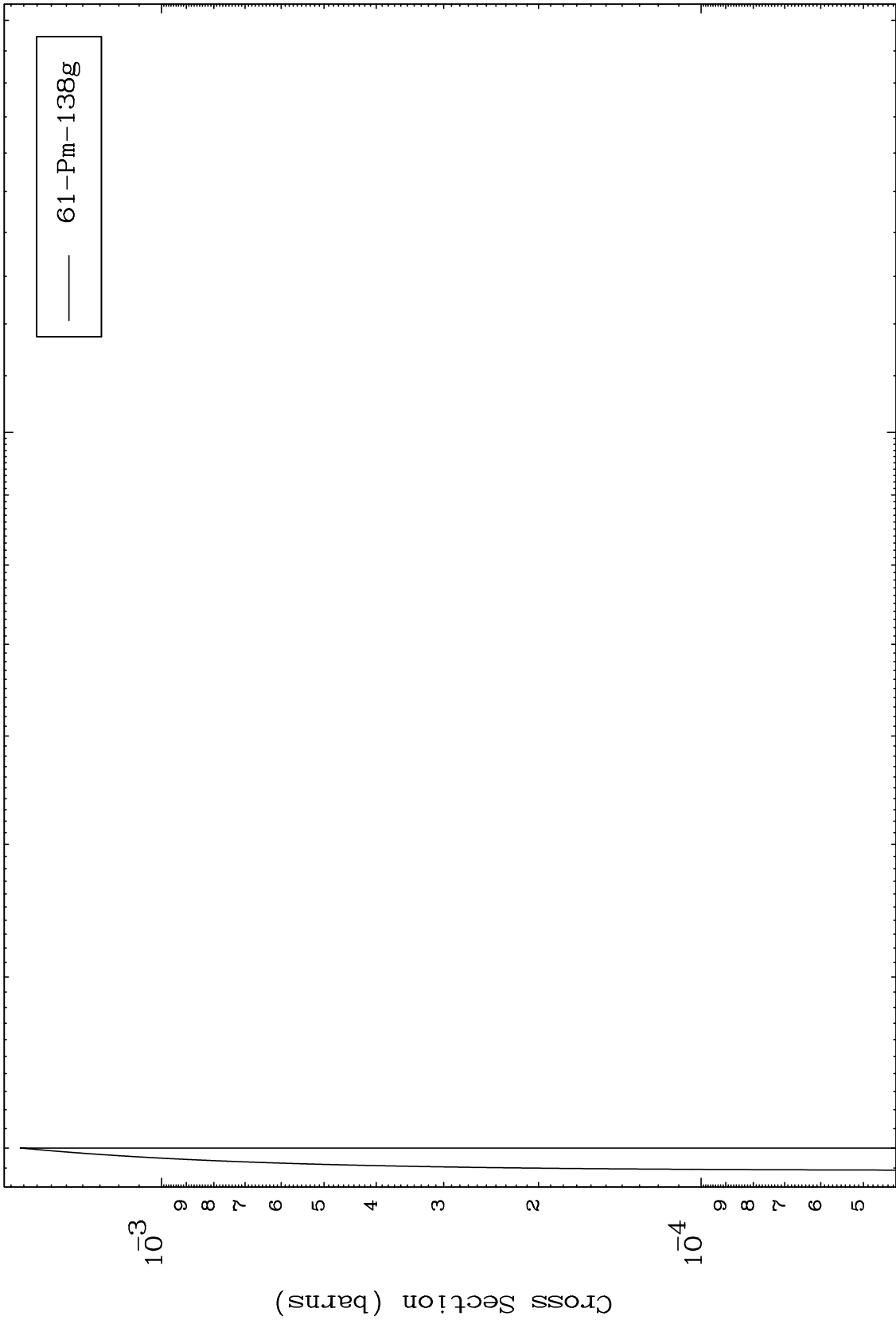
60-Nd-140



MAT 6019

60-Nd-140

(d,4n)  
Radionuclide Production Cross Section



60-Nd-140

Incident Energy (MeV)

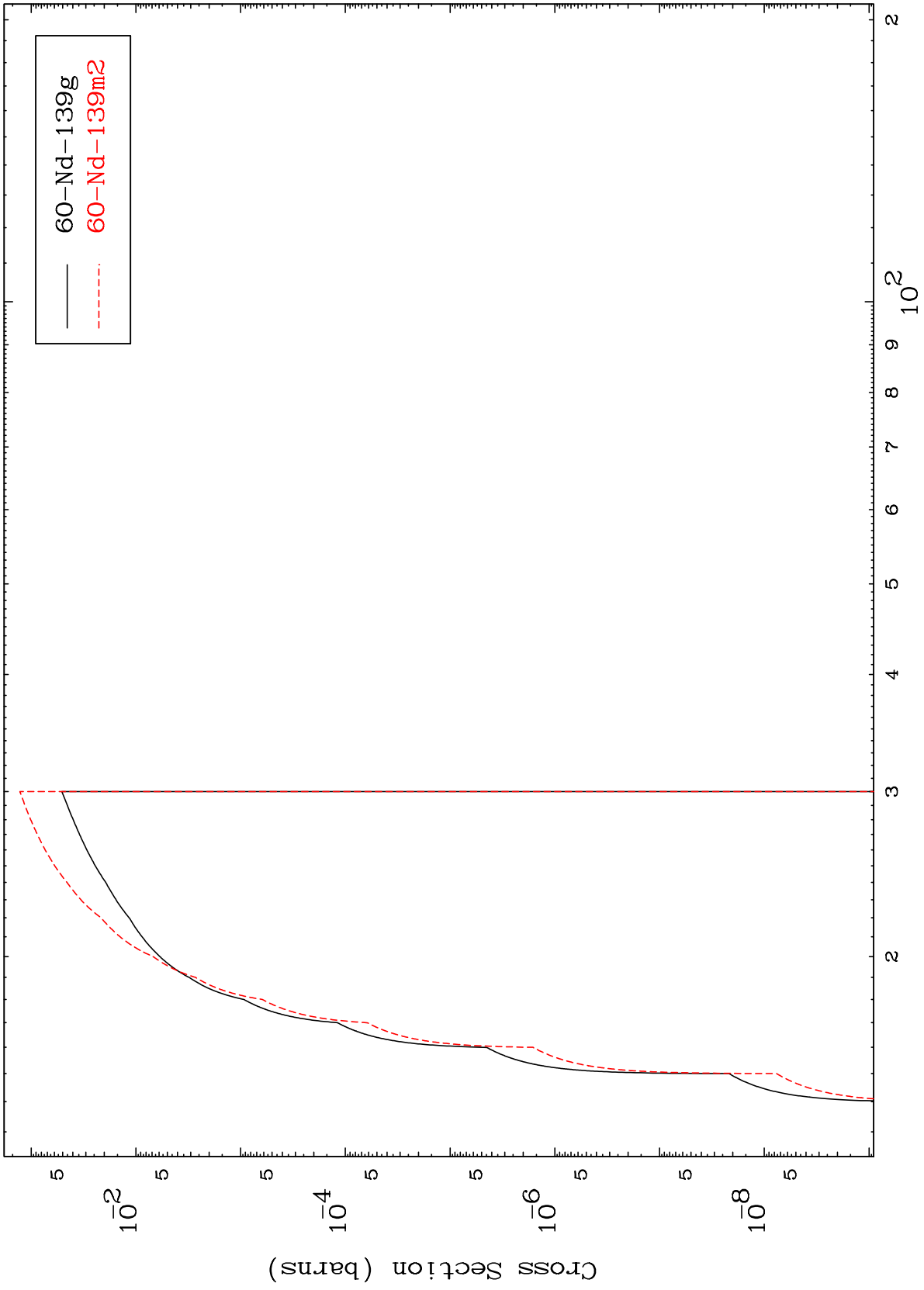
16

MAT 6019

(d,2n) p

<sup>60</sup>Nd-140

Radionuclide Production Cross Section



17

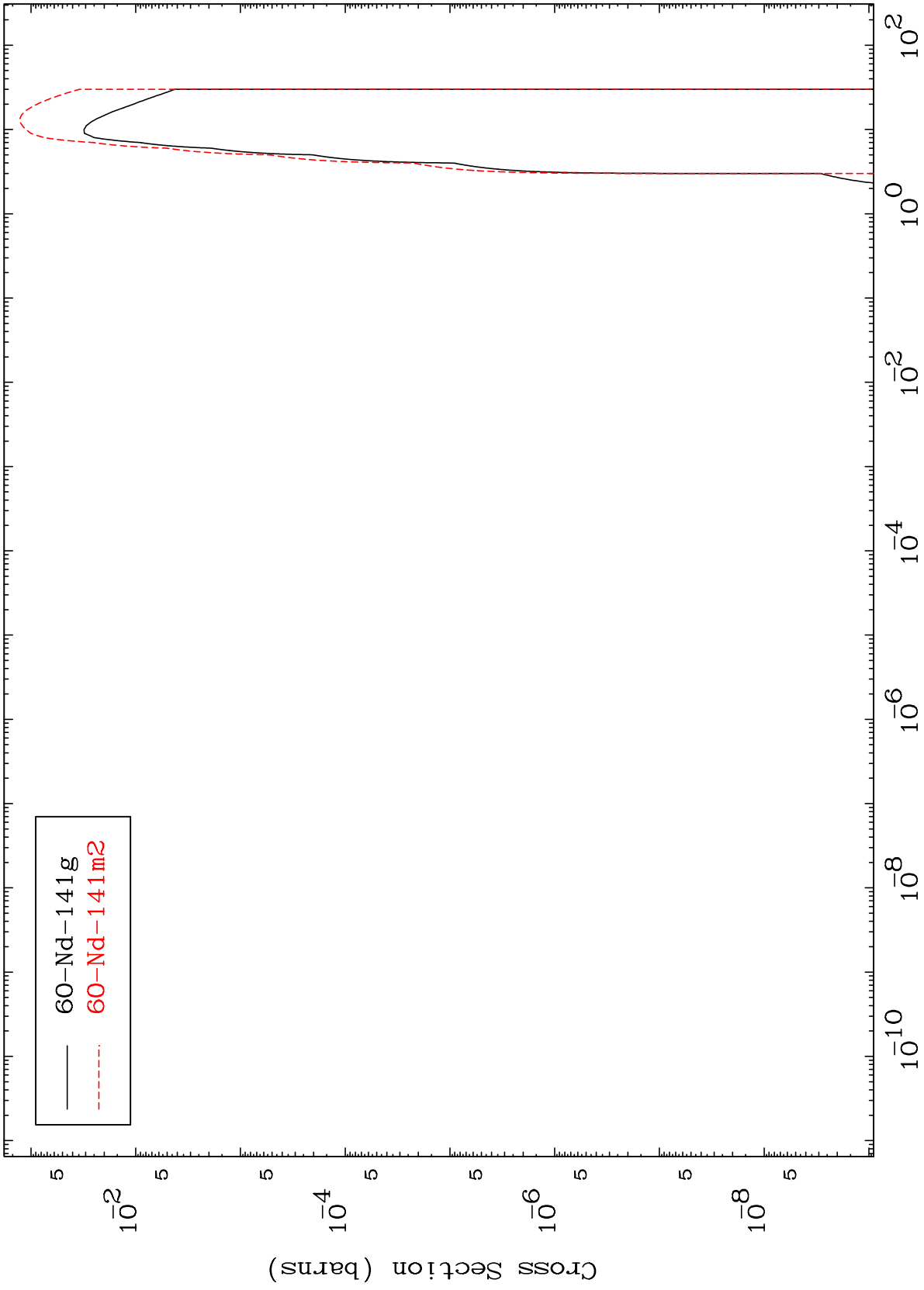
Incident Energy (MeV)

<sup>60</sup>Nd-140

MAT 6019

(d,p)  
Radionuclide Production Cross Section

<sup>60</sup>Nd-140



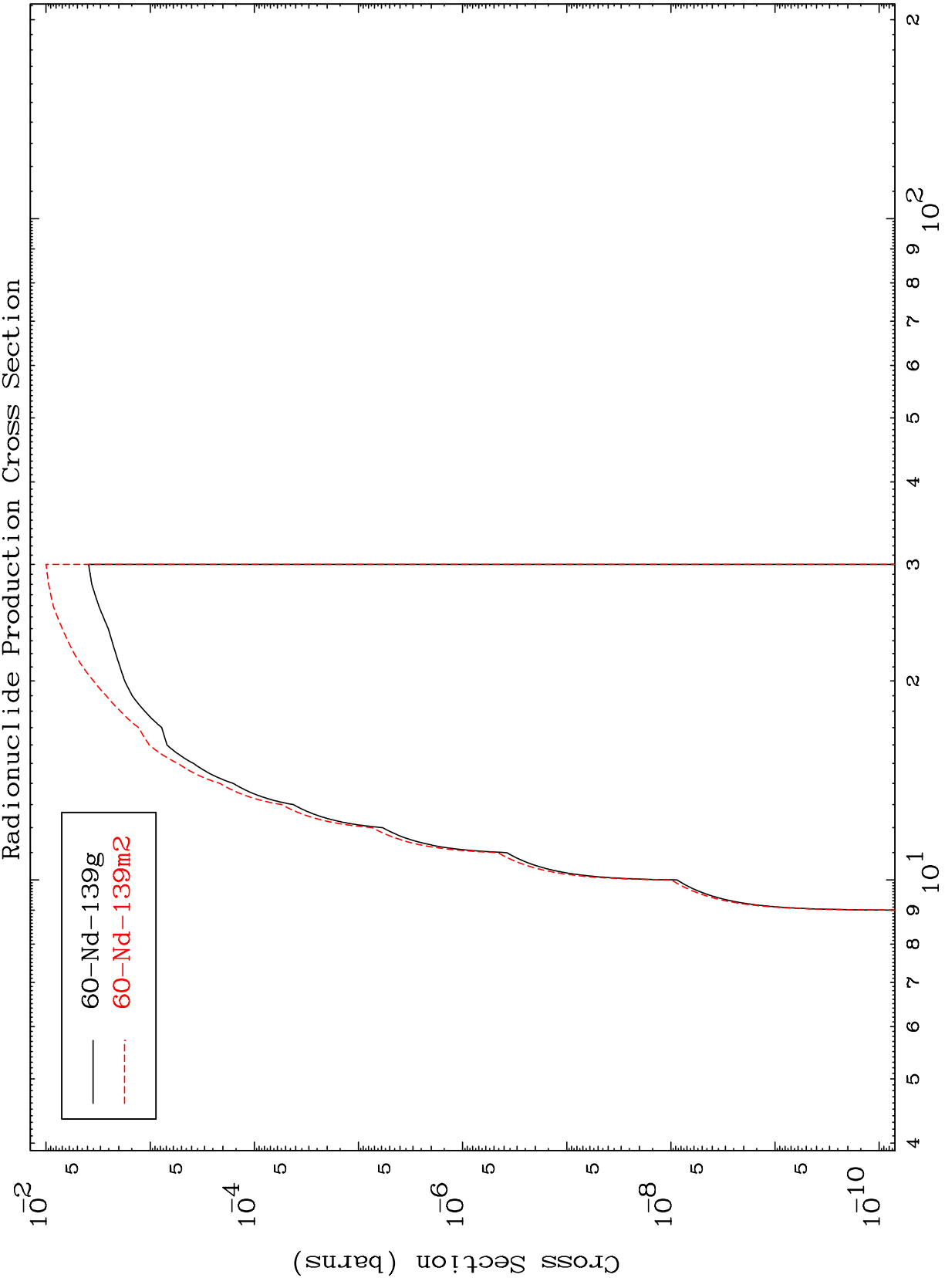
<sup>60</sup>Nd-140

MAT 6019

60-Nd-140

Radionuclide Production Cross Section

(d, t)



19

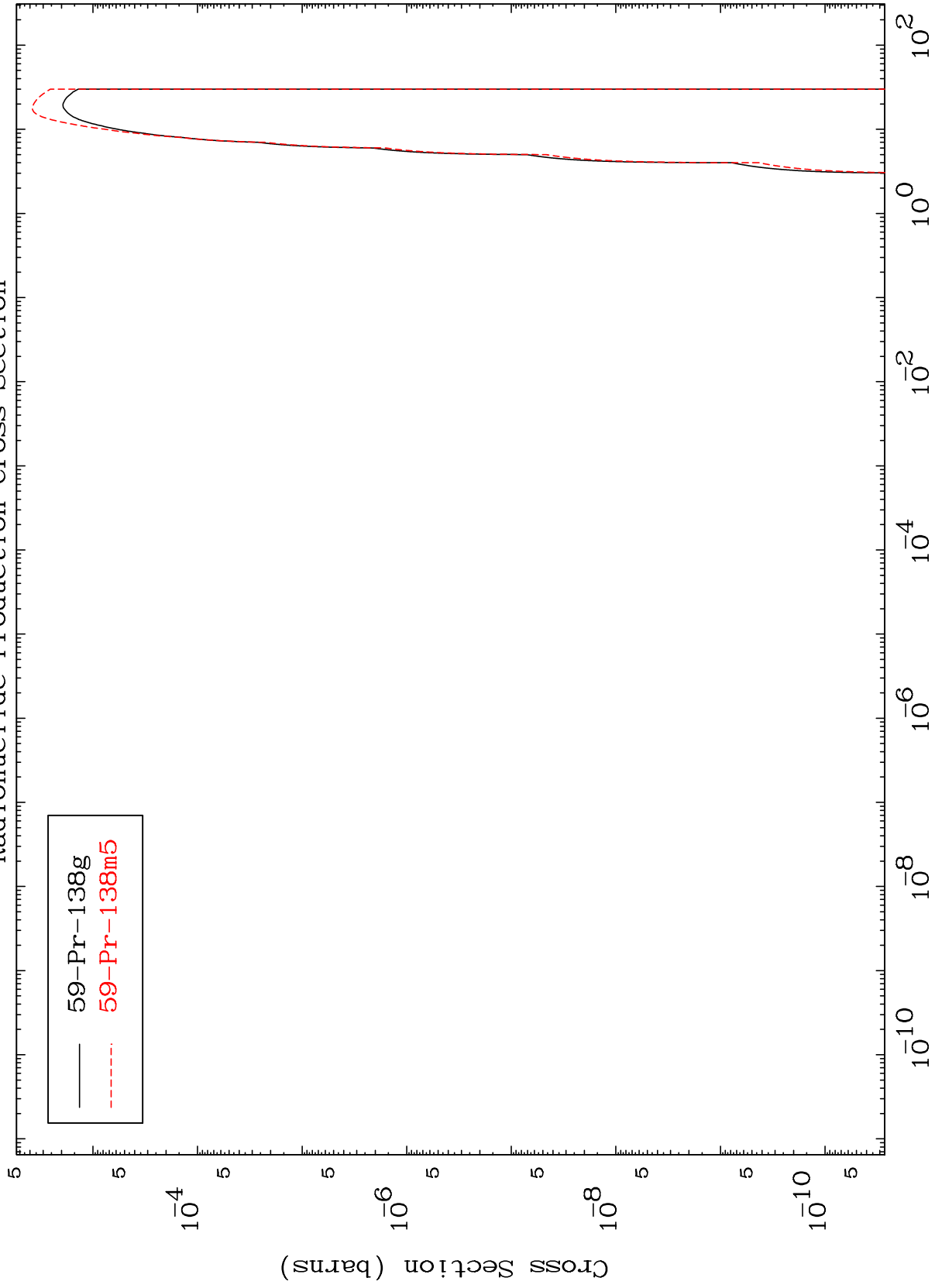
Incident Energy (MeV)

60-Nd-140

MAT 6019

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

$^{60}\text{Nd}-140$



20

Incident Energy (MeV)

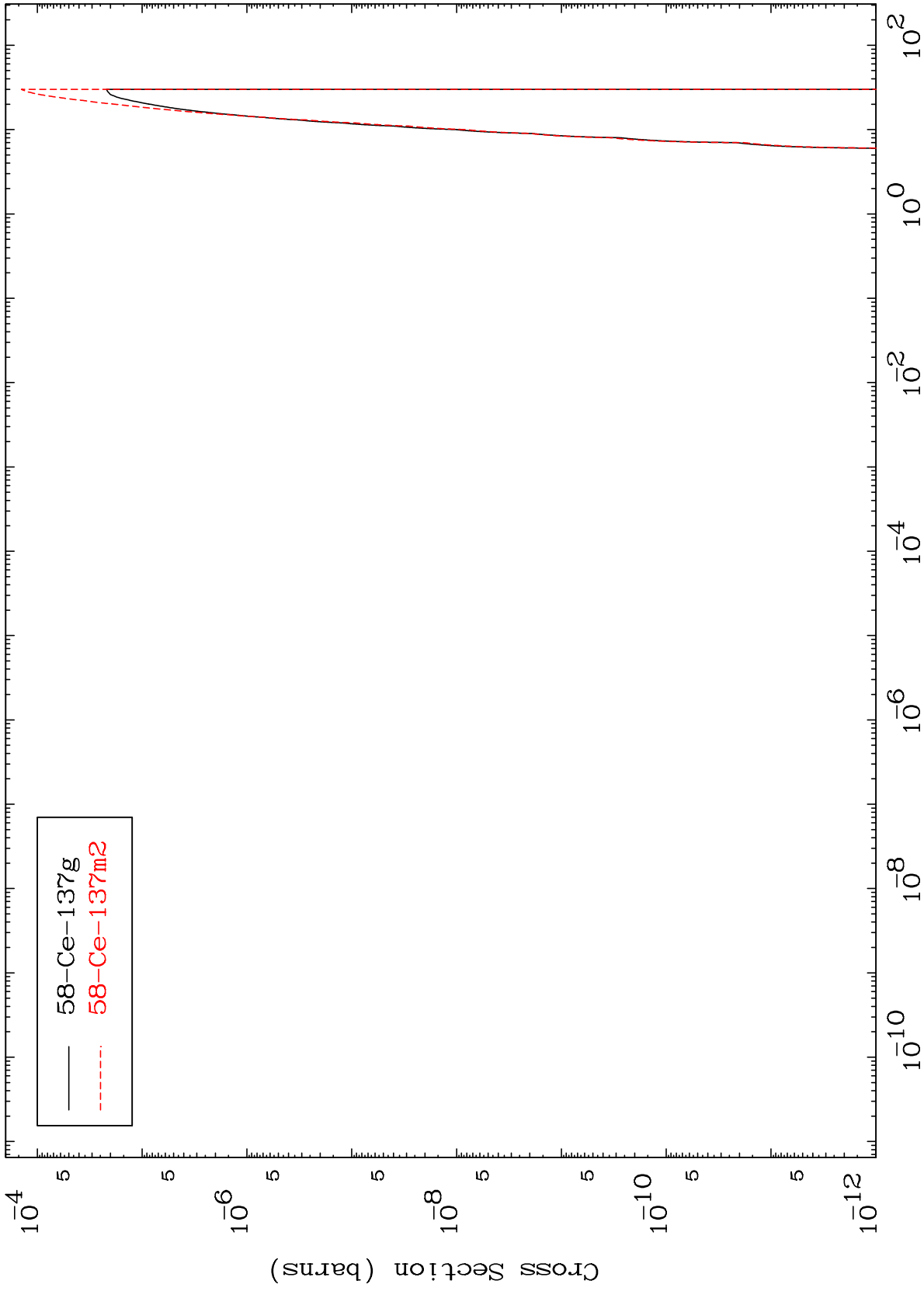
$^{60}\text{Nd}-140$

MAT 6019

(d,p)  $\alpha$

60-Nd-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

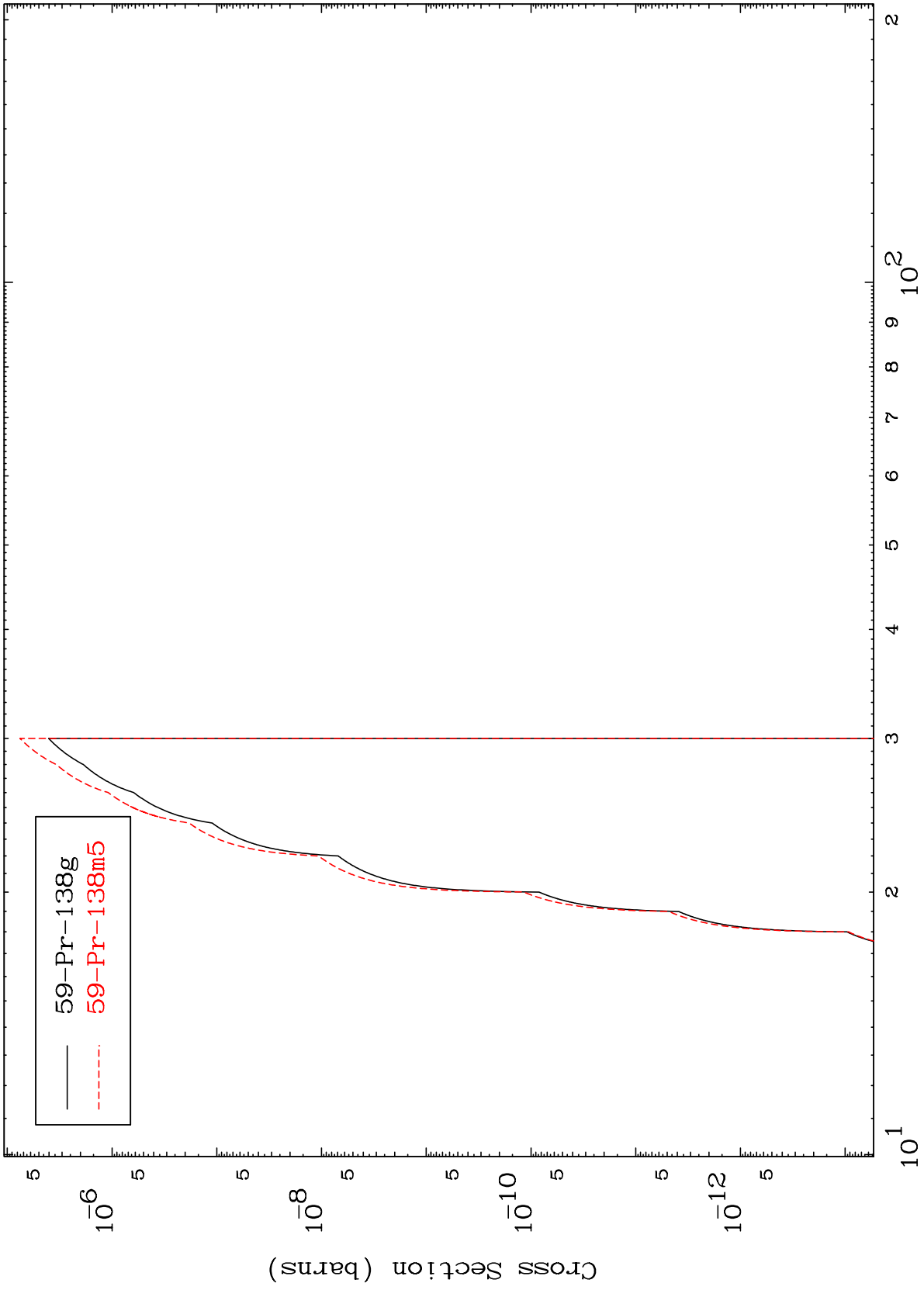
60-Nd-140

MAT 6019

(d,p) t

60-Nd-140

Radionuclide Production Cross Section



22

Incident Energy (MeV)

60-Nd-140