

Program EVALPLOT  
(Version 2018-1)

by

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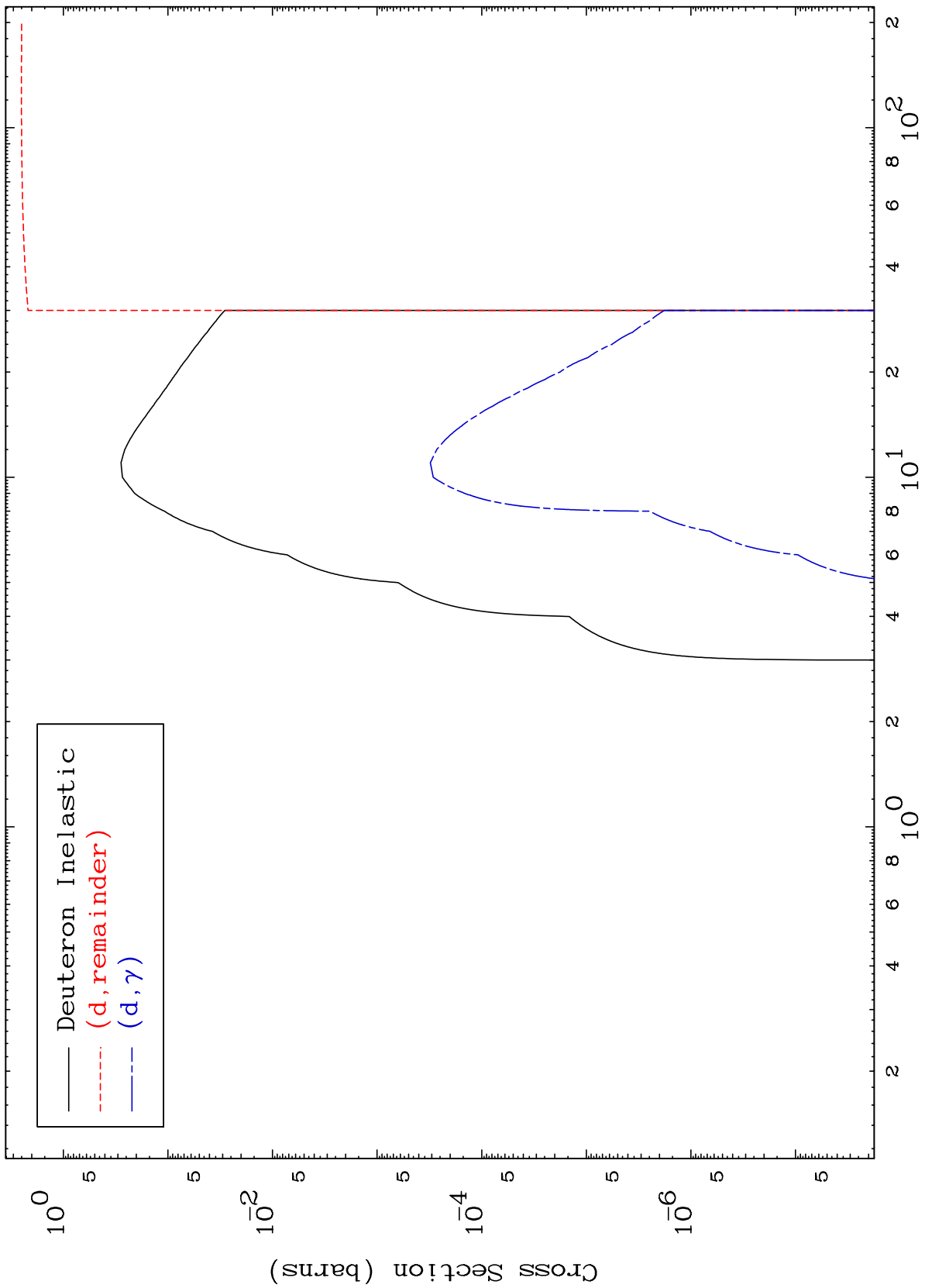
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6128

Deuteron Major  
0 Kelvin Cross Sections

61-Pm-140

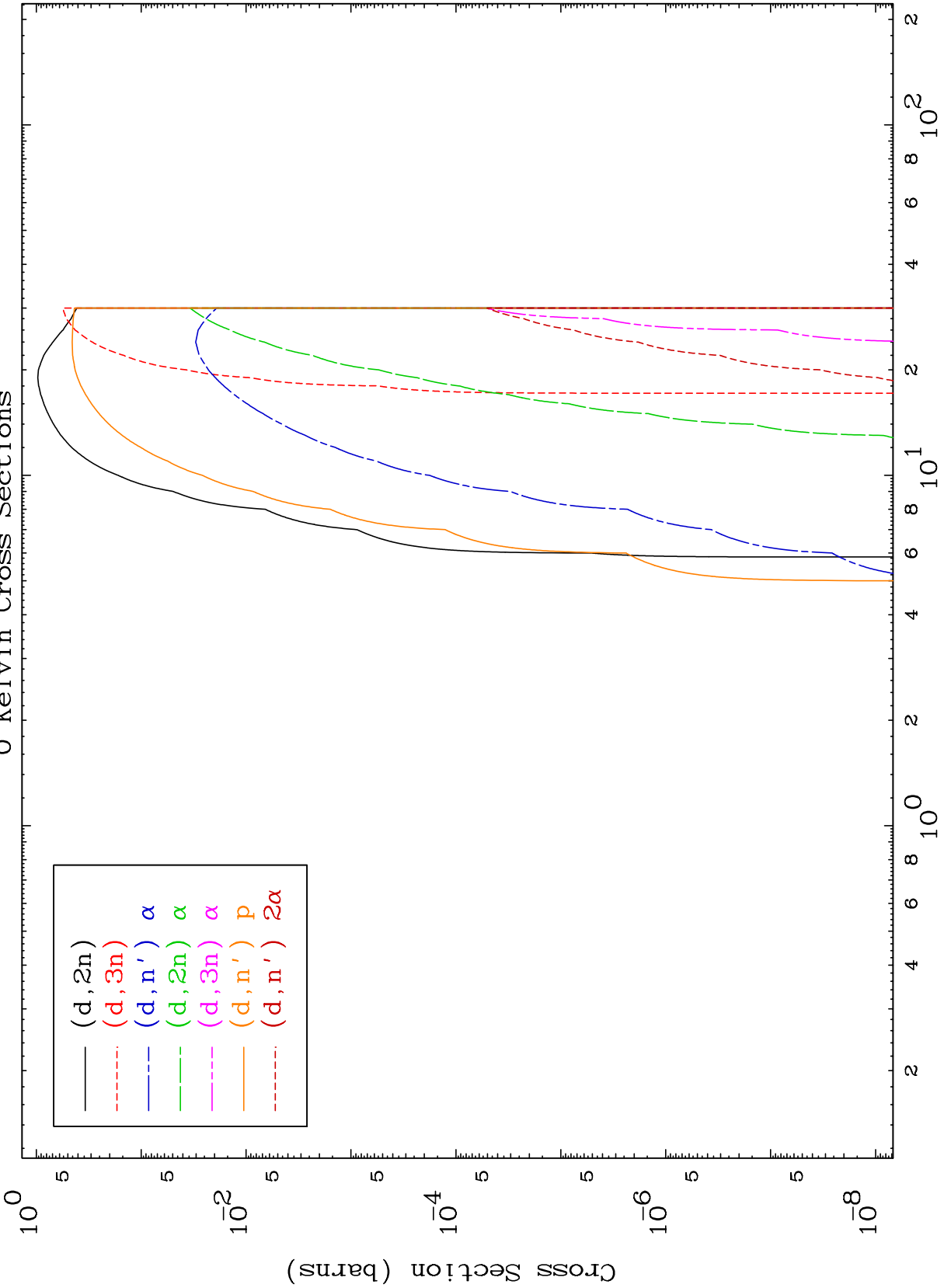


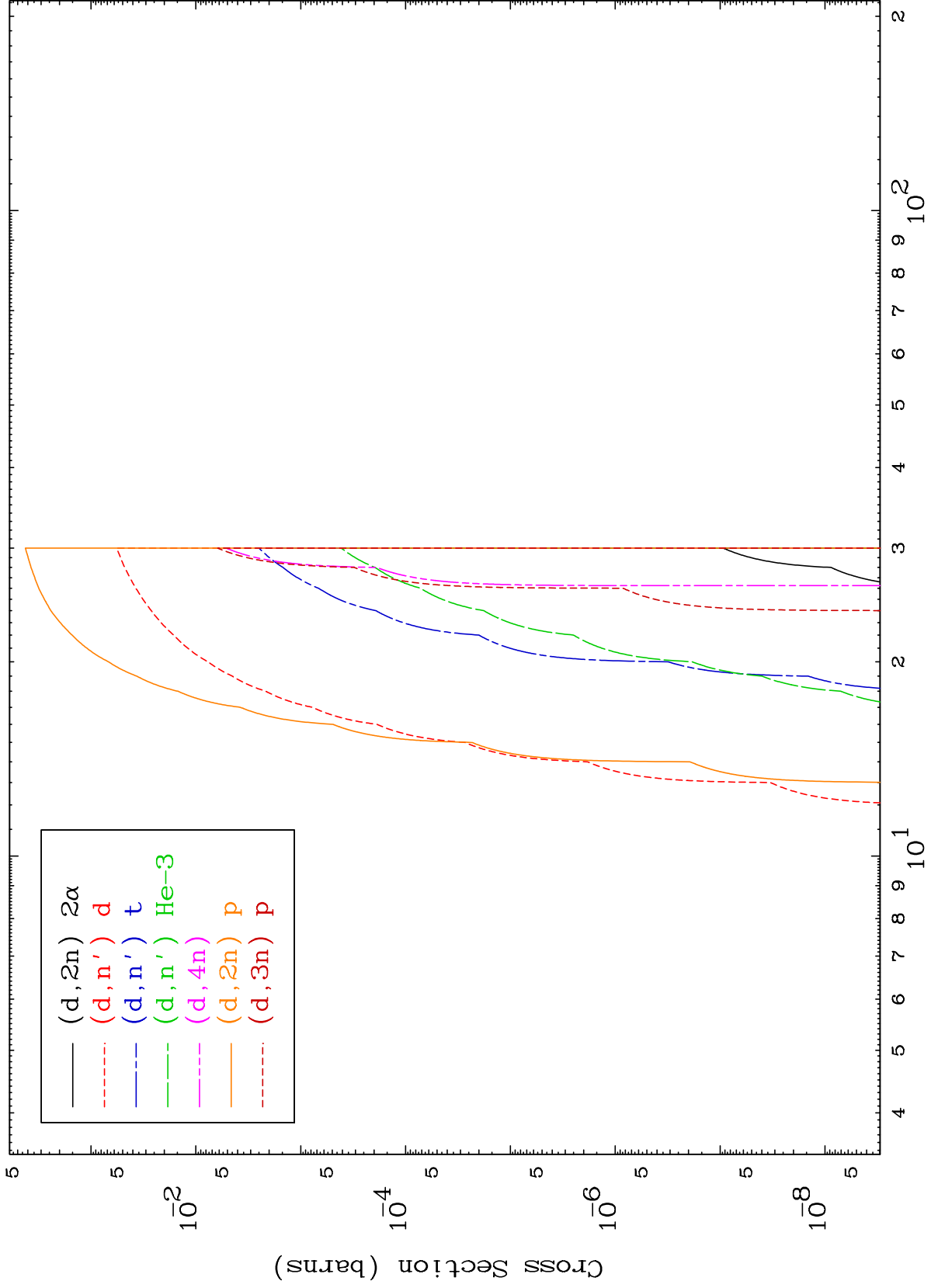
— Deuteron Inelastic  
- - - (d, remainder)  
- - - (d, γ)

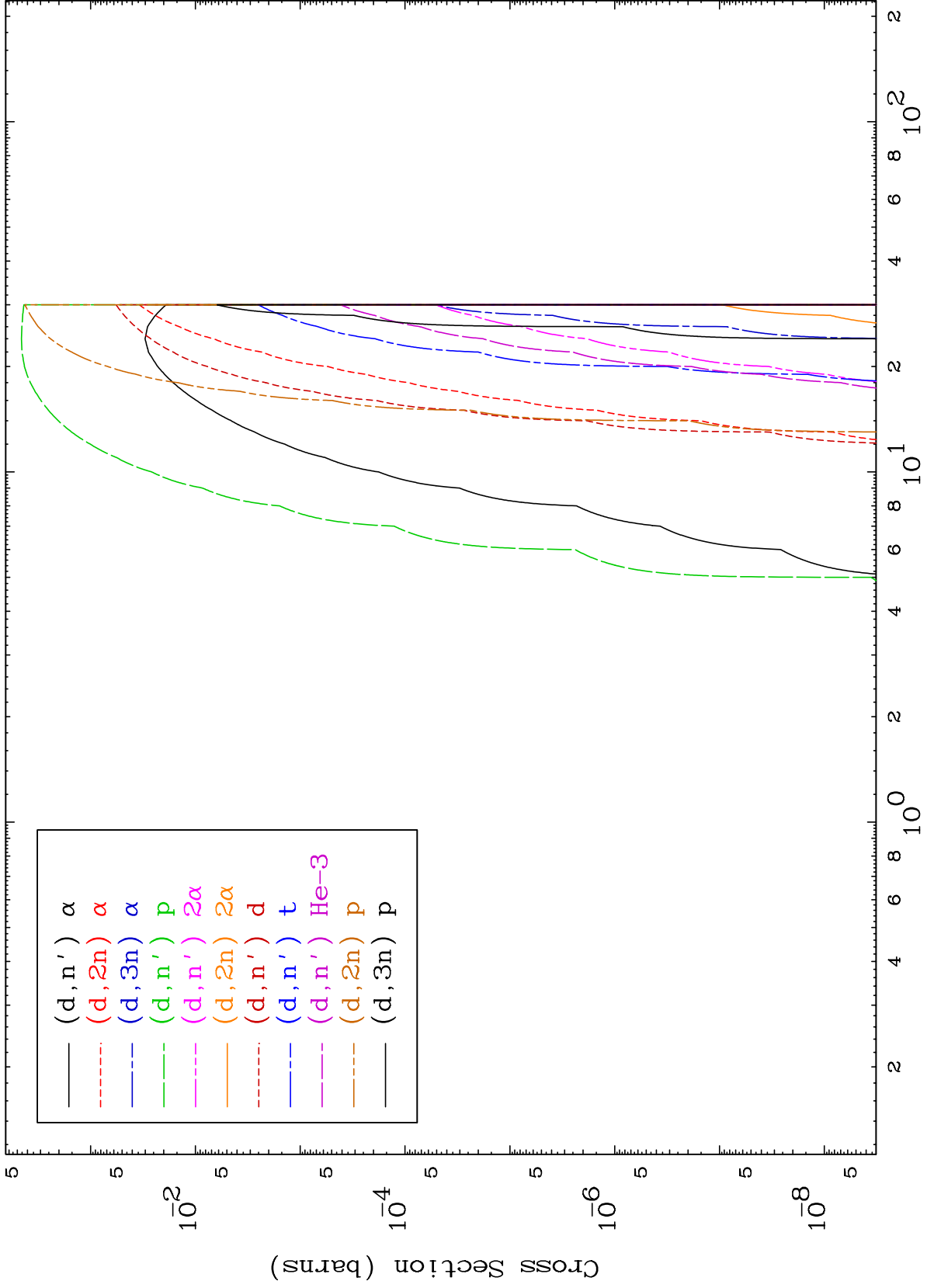
MAT 6128

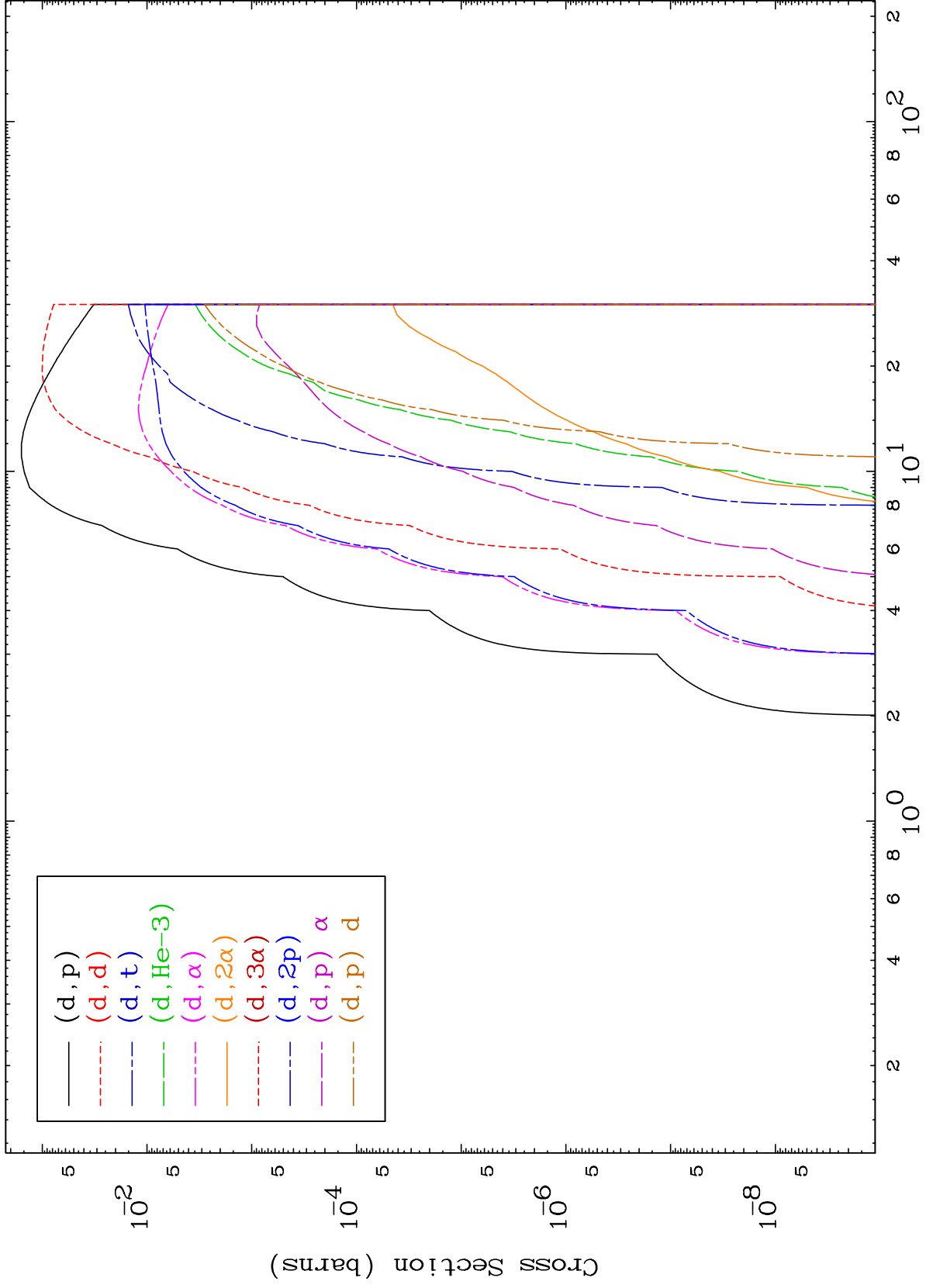
Deuteron Neutron Production  
0 Kelvin Cross Sections

61-Pm-140







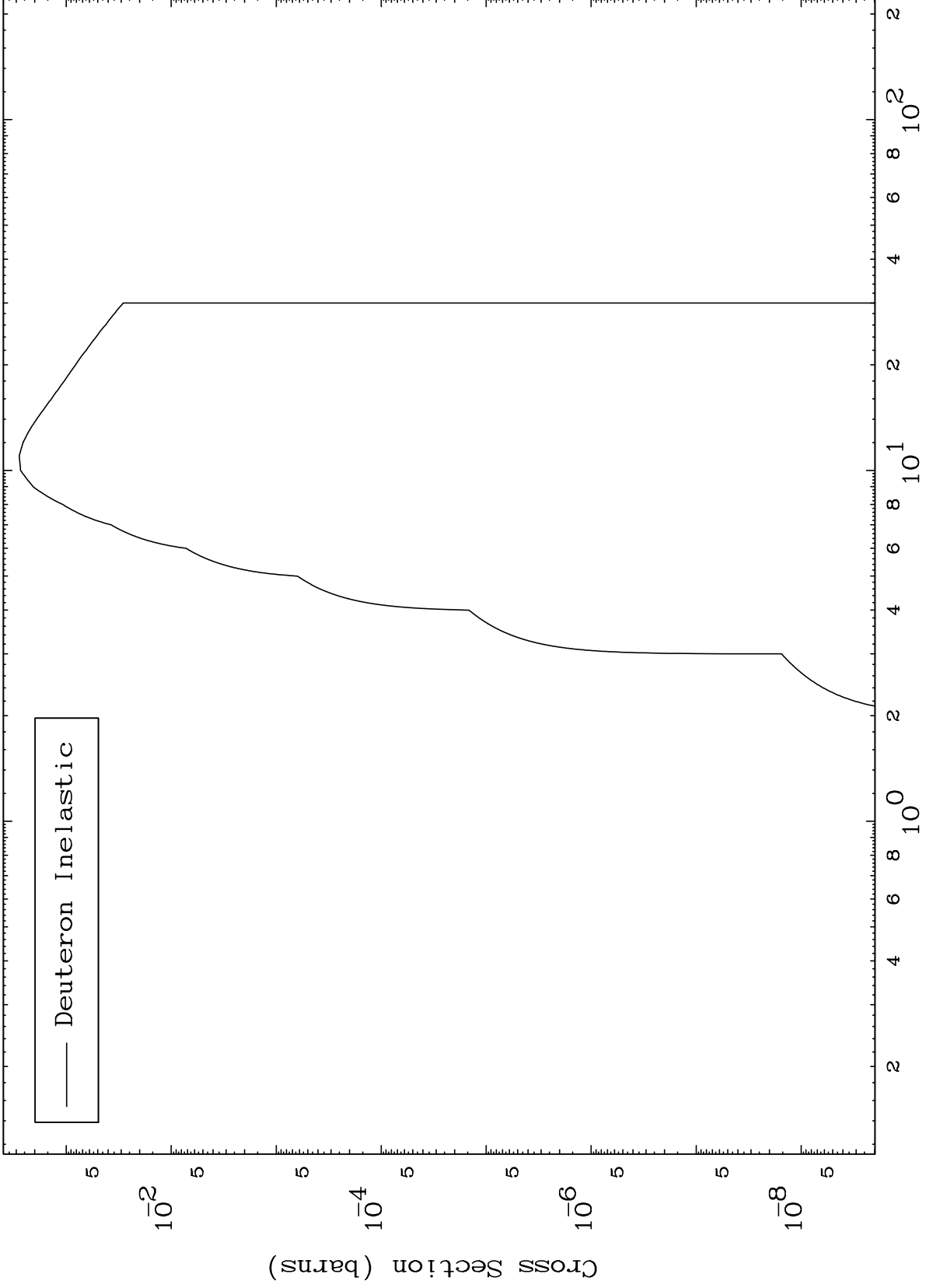


MAT 6128

(d,n') Level

61-Pm-140

0 Kelvin Cross Sections



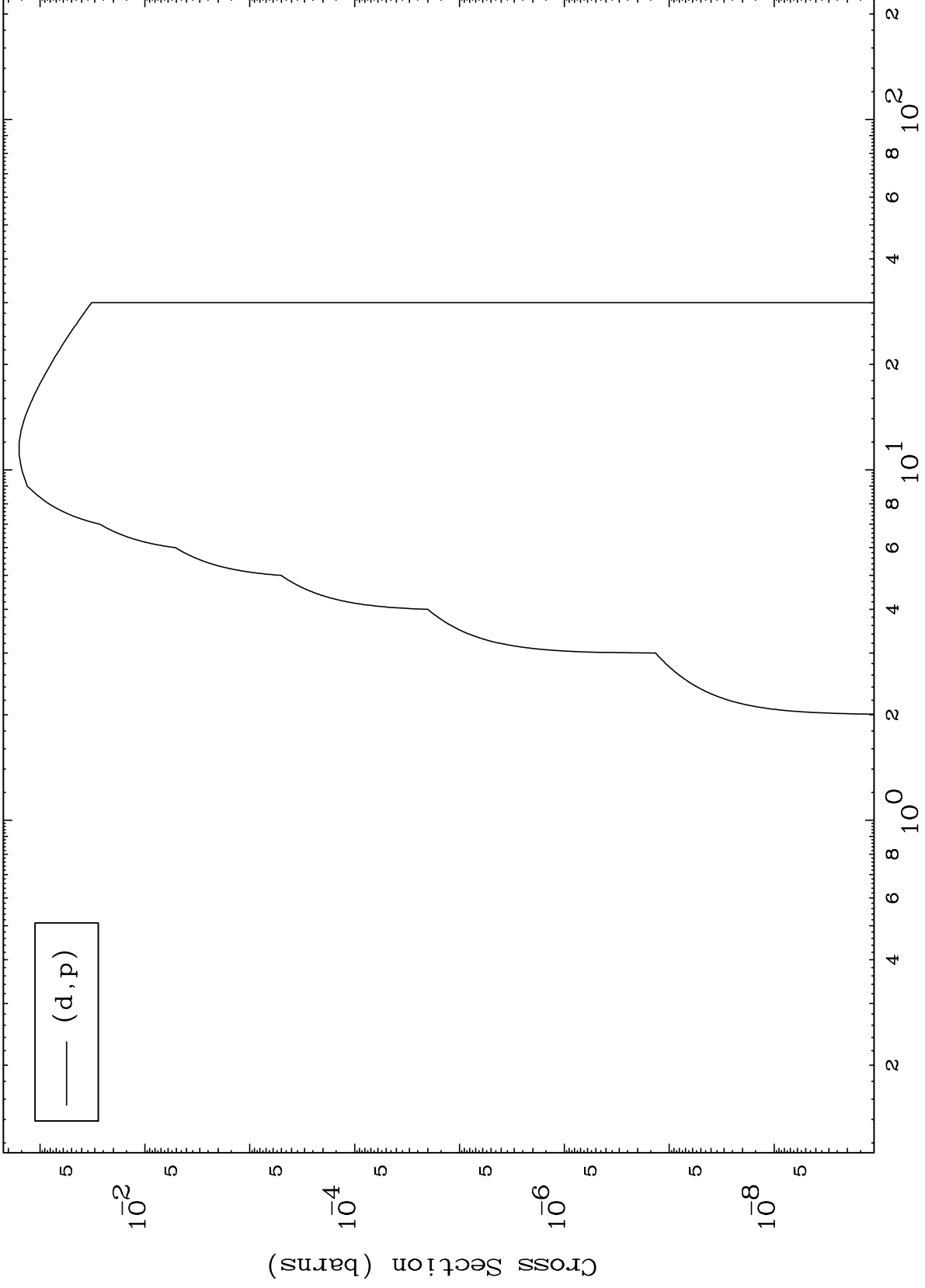
— Deuteron Inelastic

MAT 6128

(d,p) Levels

61-Pm-140

0 Kelvin Cross Sections



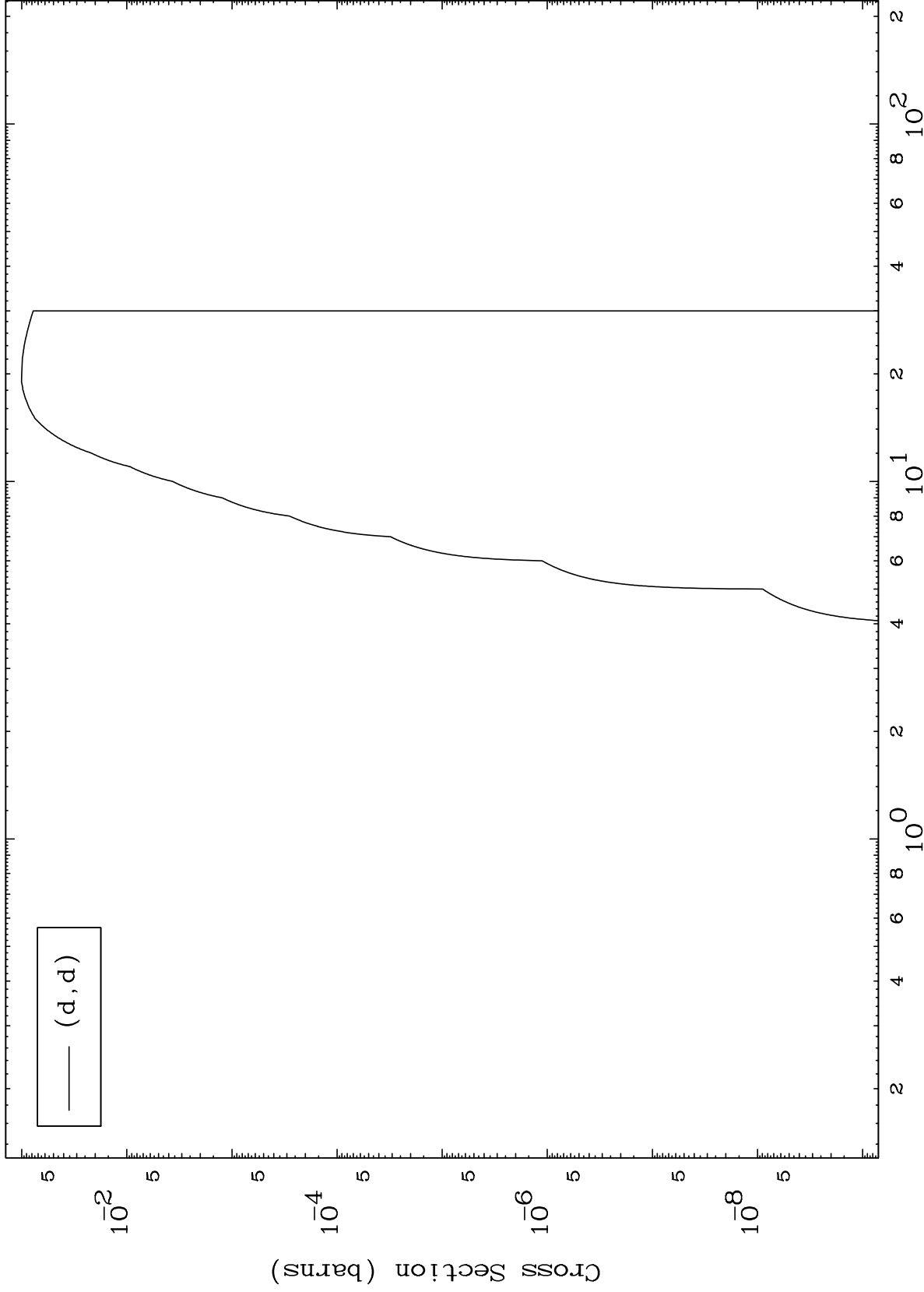


MAT 6128

(d,d) Levels

61-Pm-140

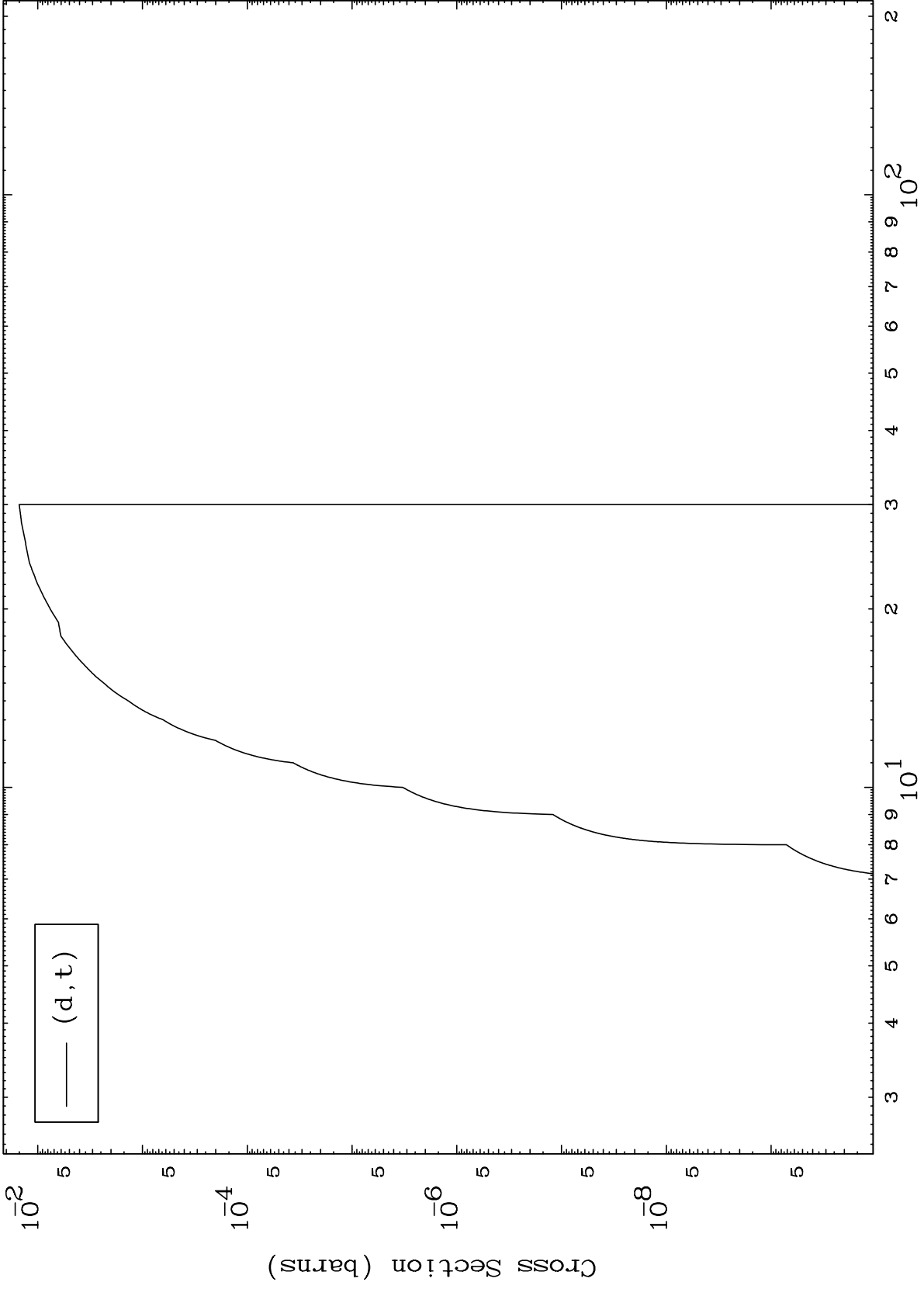
0 Kelvin Cross Sections



MAT 6128

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-140



9

Incident Energy (MeV)

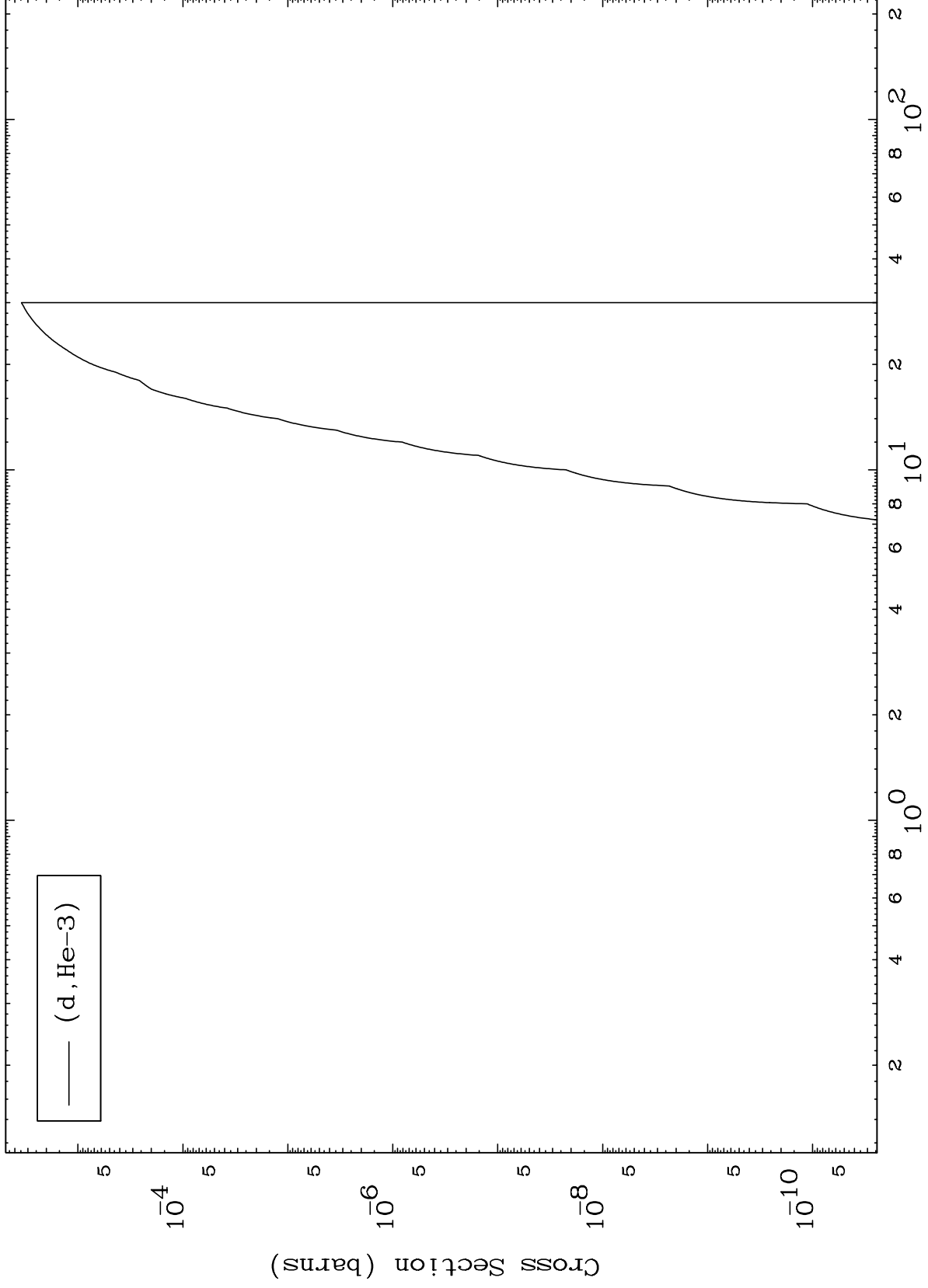
61-Pm-140

MAT 6128

(d,He3) Levels

61-Pm-140

0 Kelvin Cross Sections



10

Incident Energy (MeV)

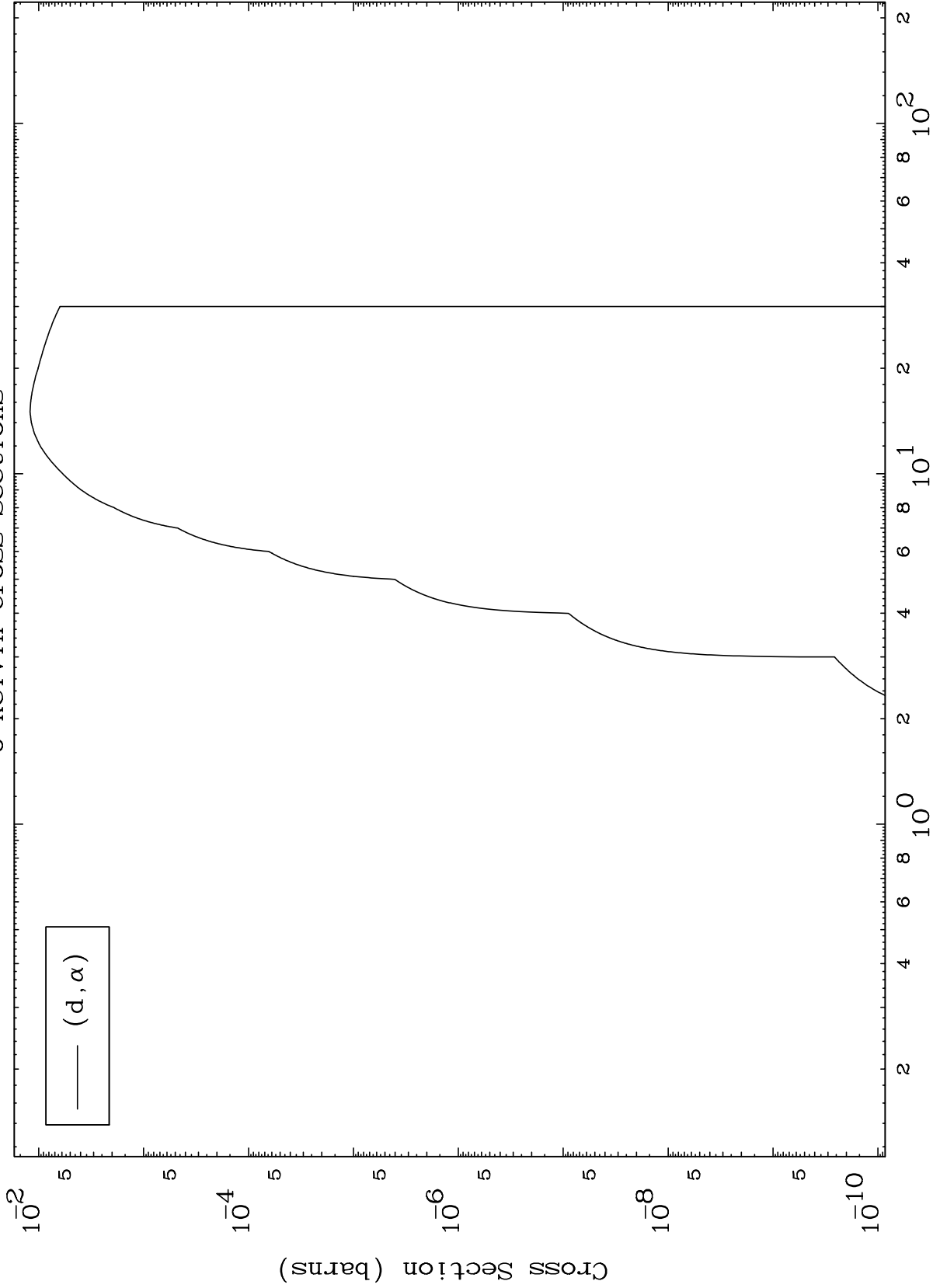
61-Pm-140

MAT 6128

(d,  $\alpha$ ) Levels

61-Pm-140

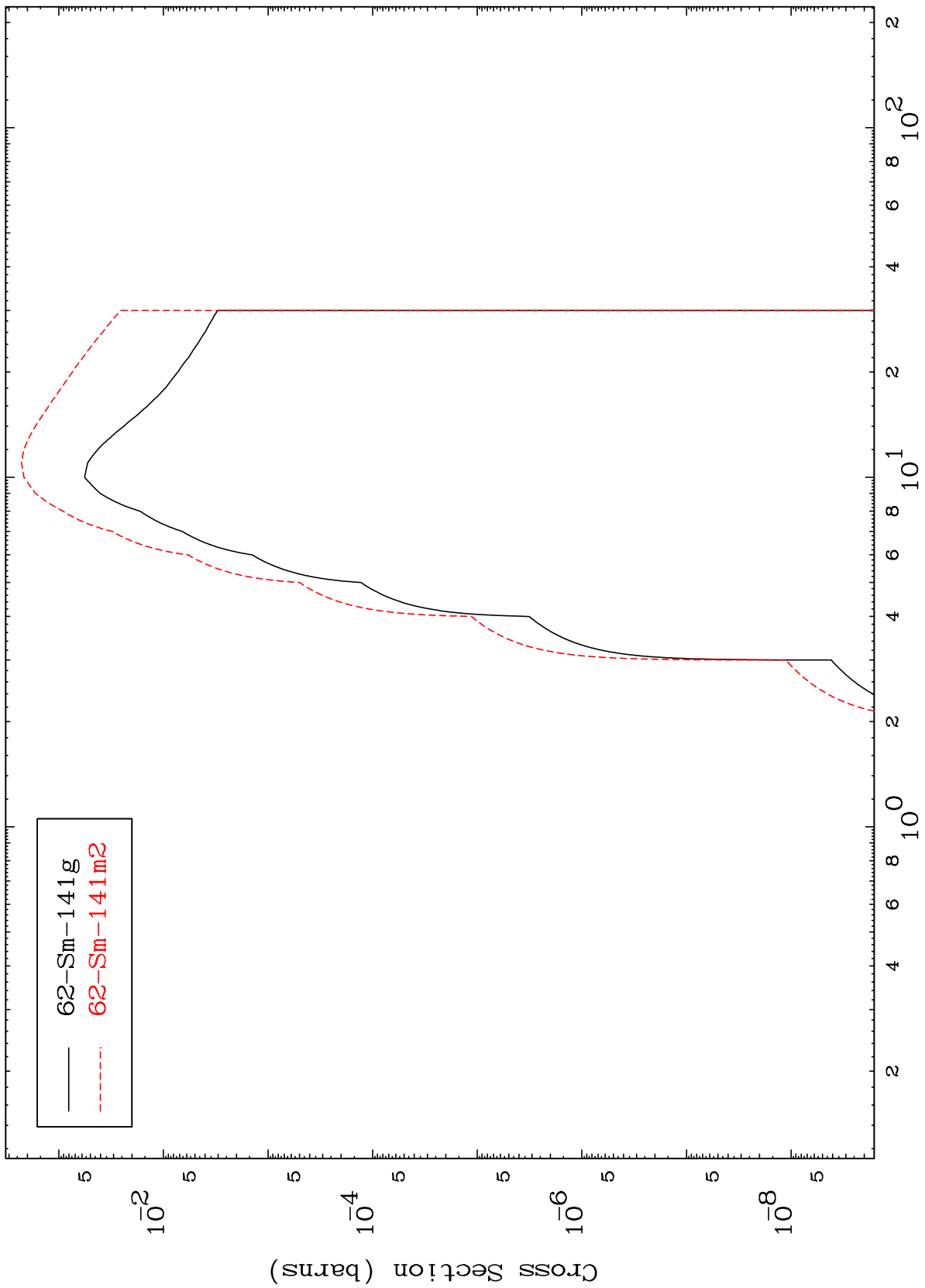
0 Kelvin Cross Sections



MAT 6128

61-Pm-140

Deuteron Inelastic  
Radionuclide Production Cross Section



— 62-Sm-141g  
- - - 62-Sm-141m2

61-Pm-140

Incident Energy (MeV)

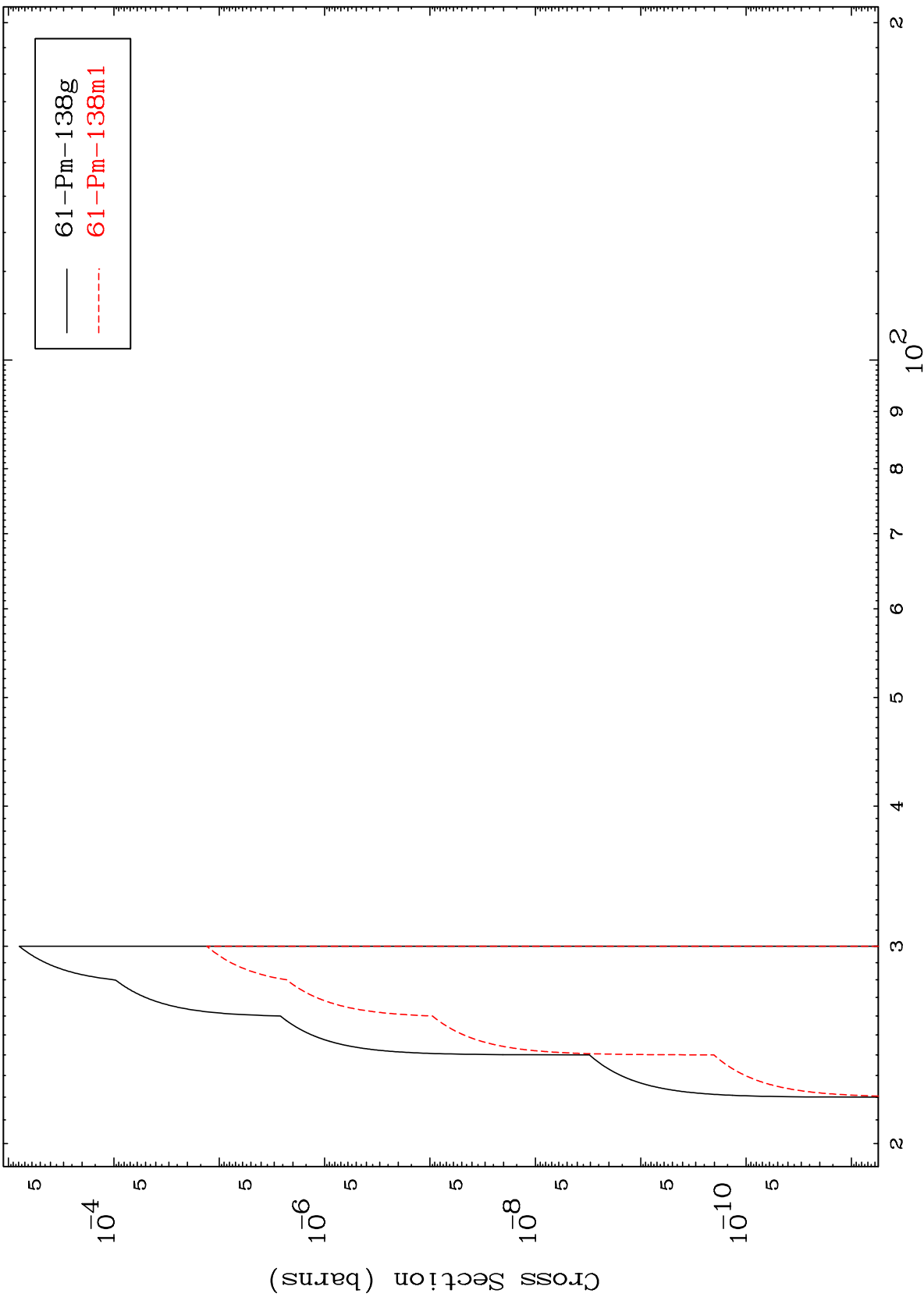
12

MAT 6128

(d,2n) d

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

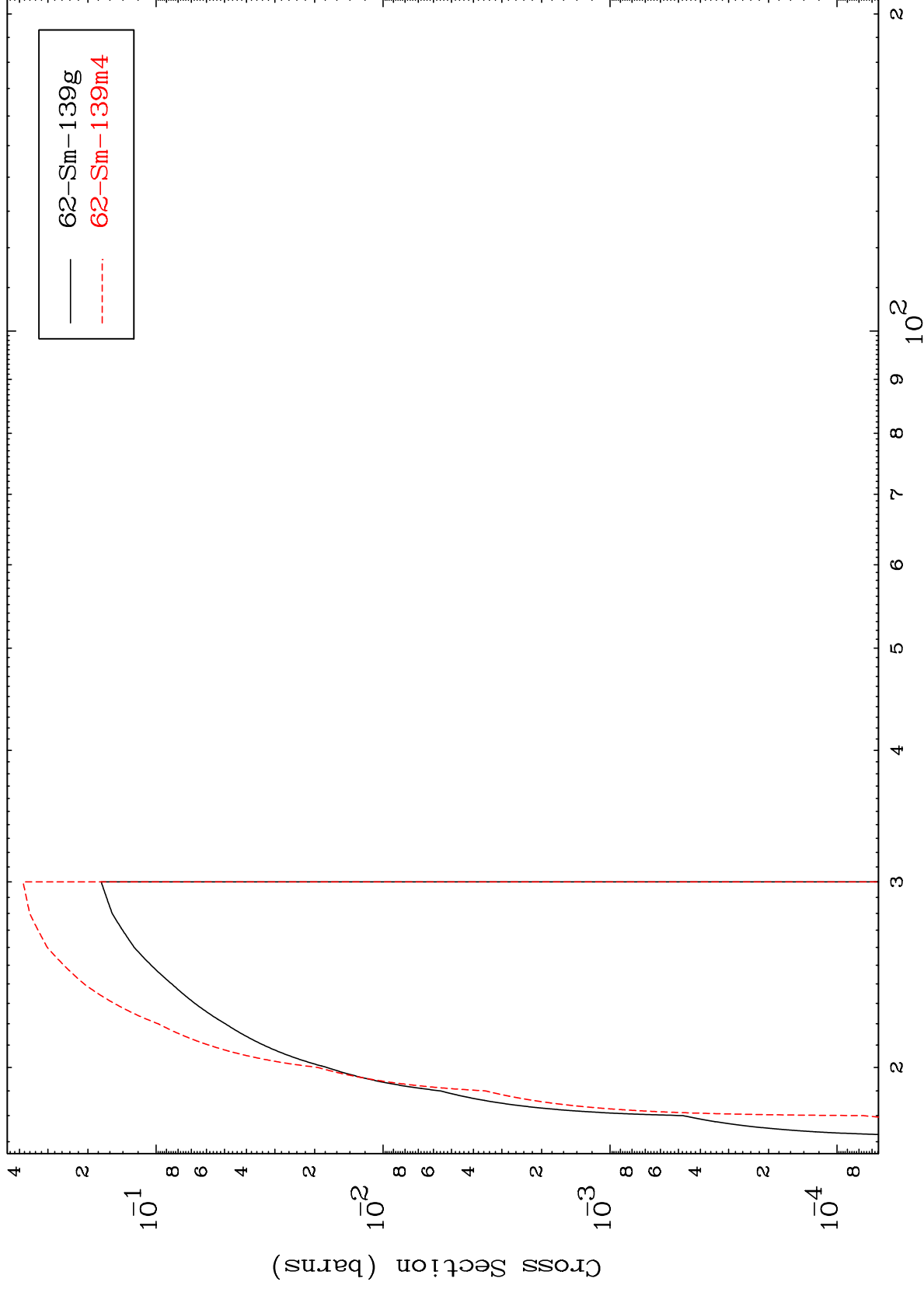
61-Pm-140

MAT 6128

(d,3n)

61-Pm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

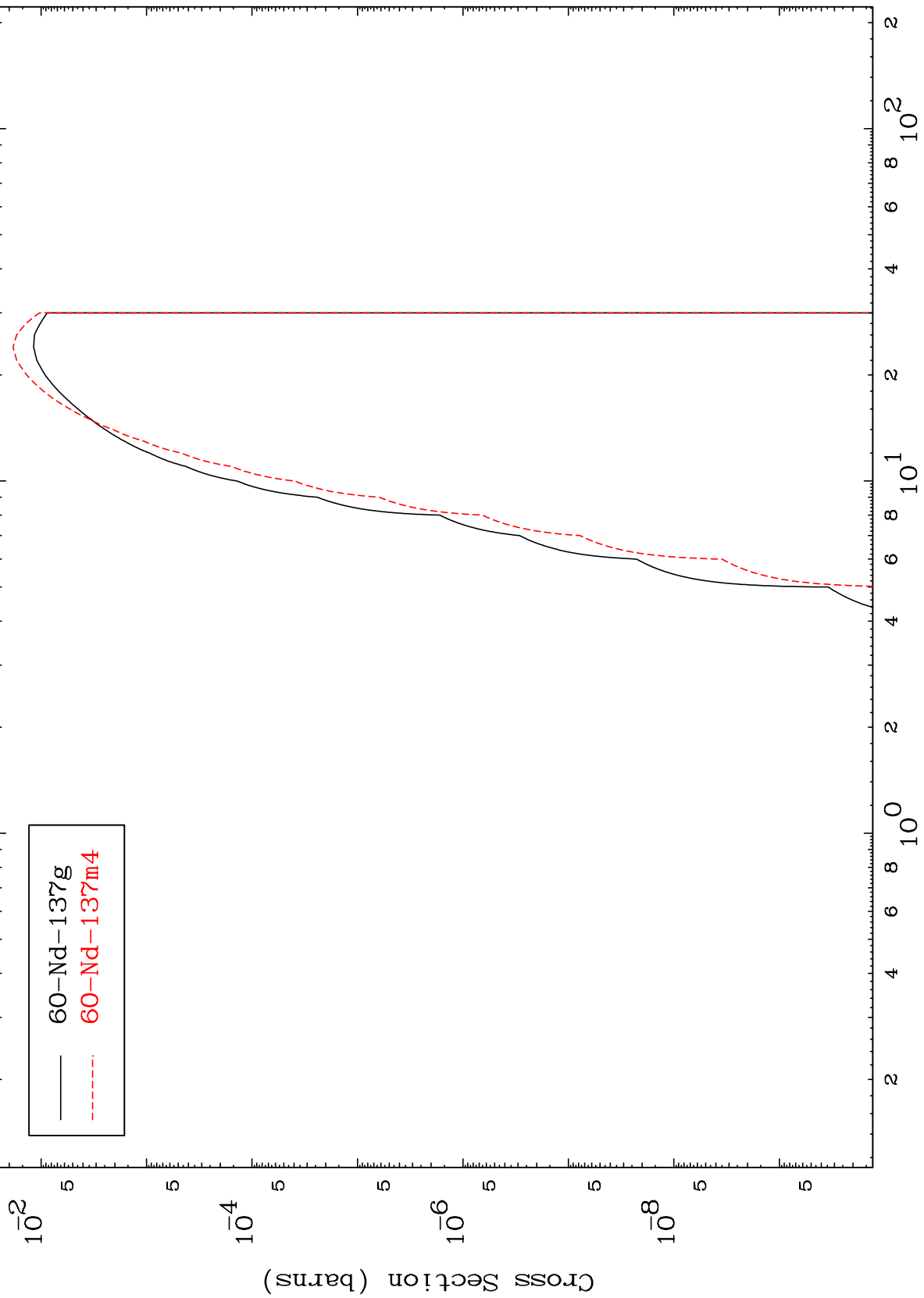
61-Pm-140

MAT 6128

(d,n')  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

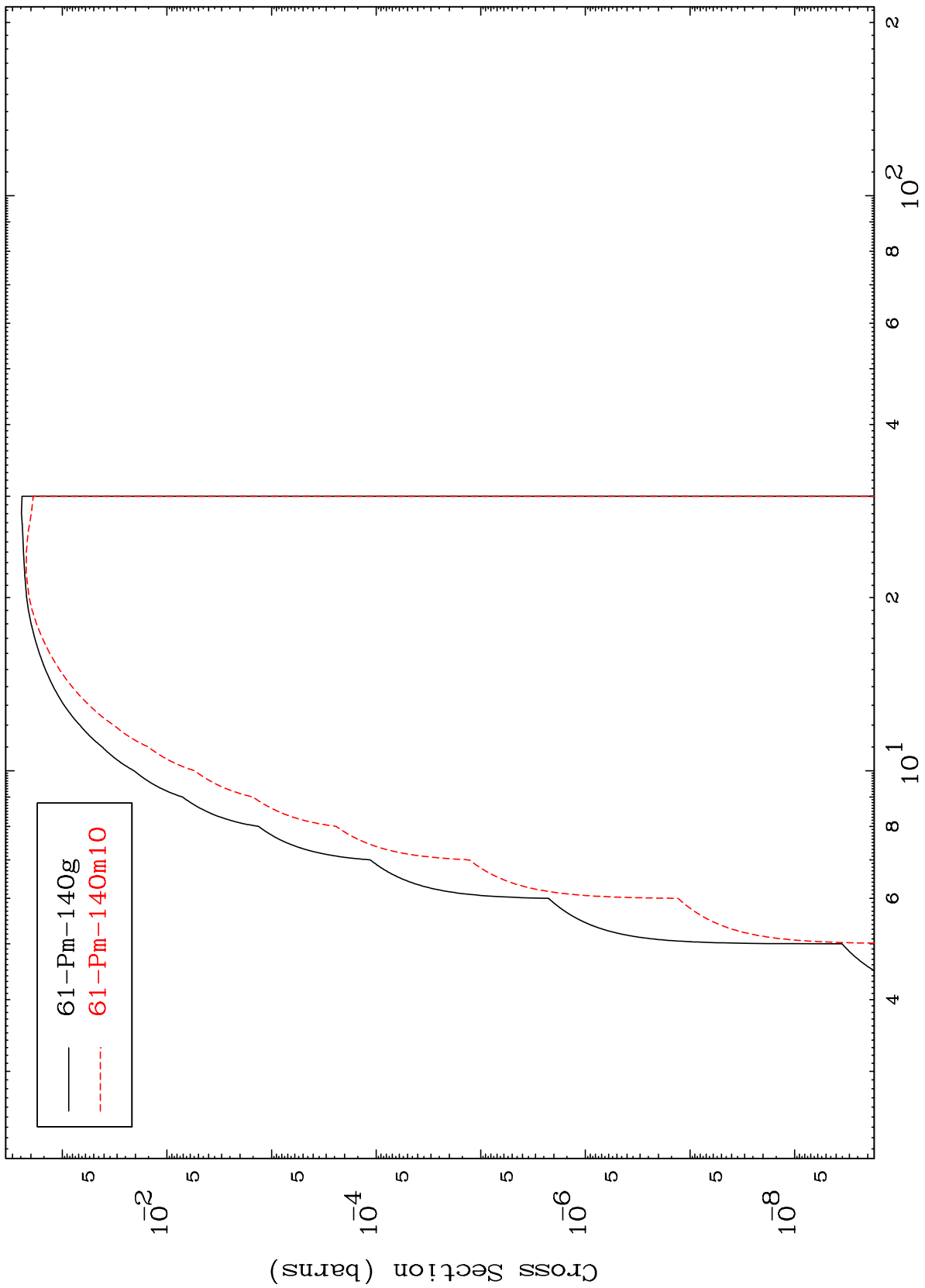
61-Pm-140



MAT 6128

61-Pm-140

(d,n') p  
Radionuclide Production Cross Section



16

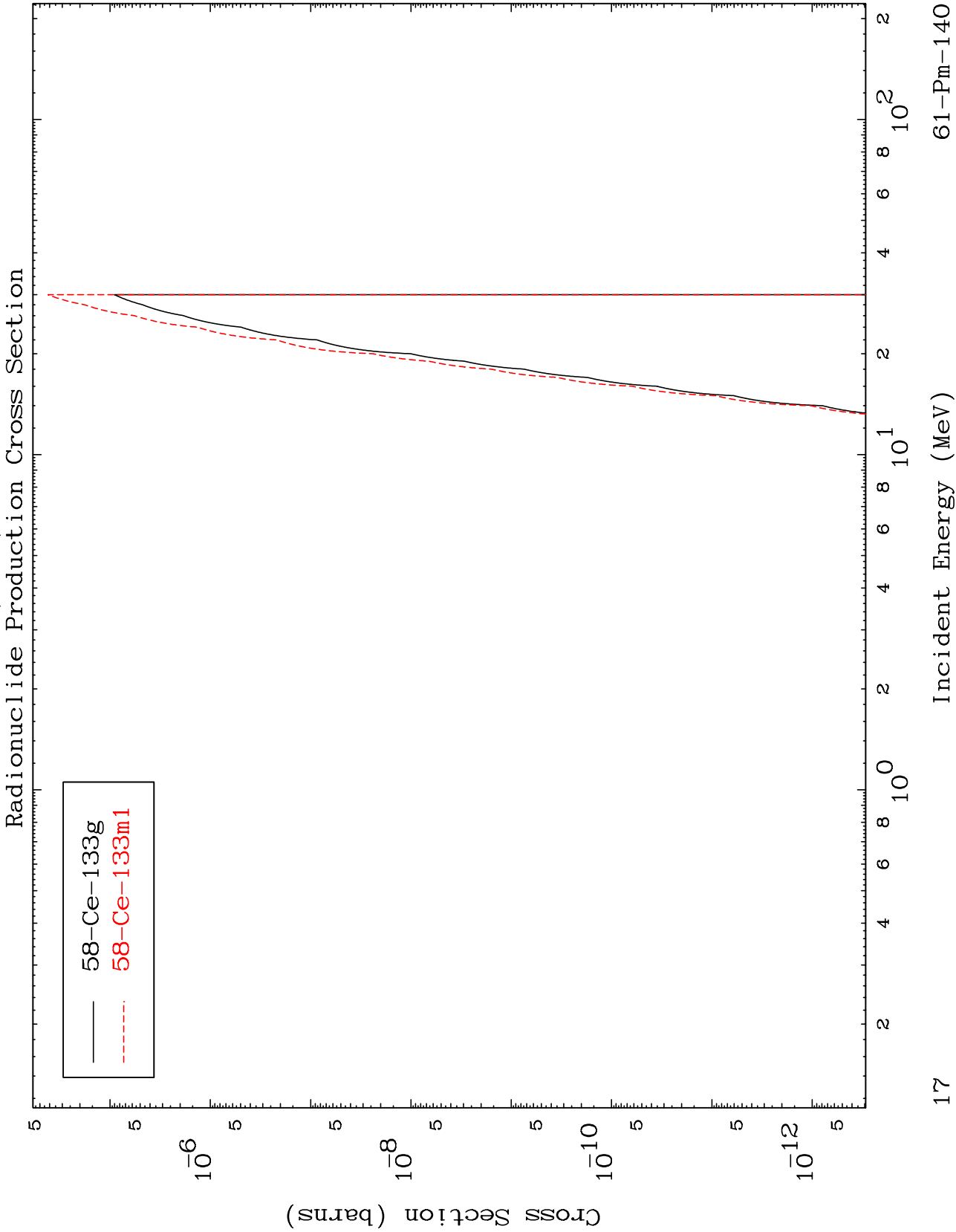
61-Pm-140

Incident Energy (MeV)

MAT 6128

(d,n') 2 $\alpha$

61-Pm-140

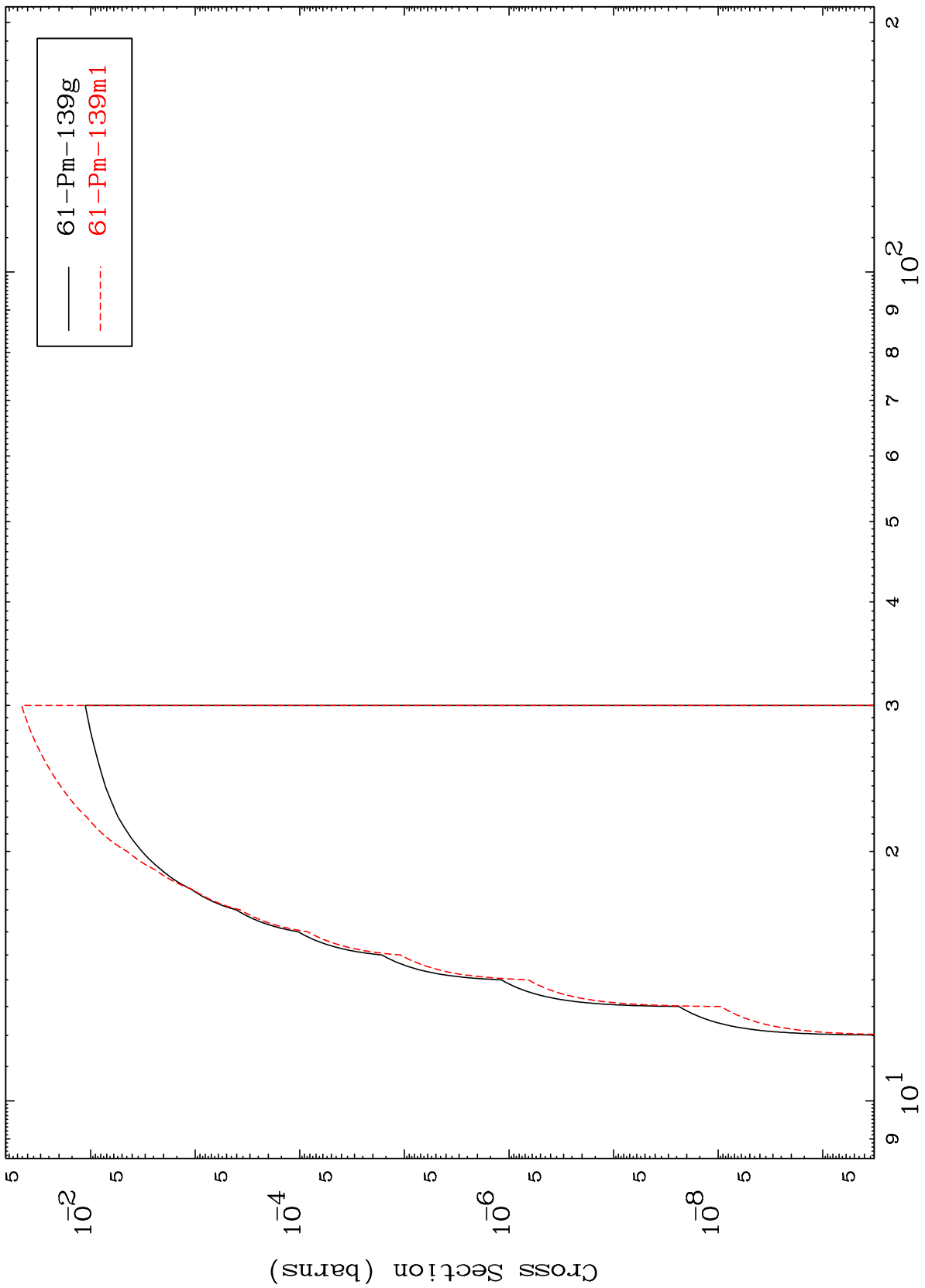


MAT 6128

(d,n') d

61-Pm-140

Radionuclide Production Cross Section



18

Incident Energy (MeV)

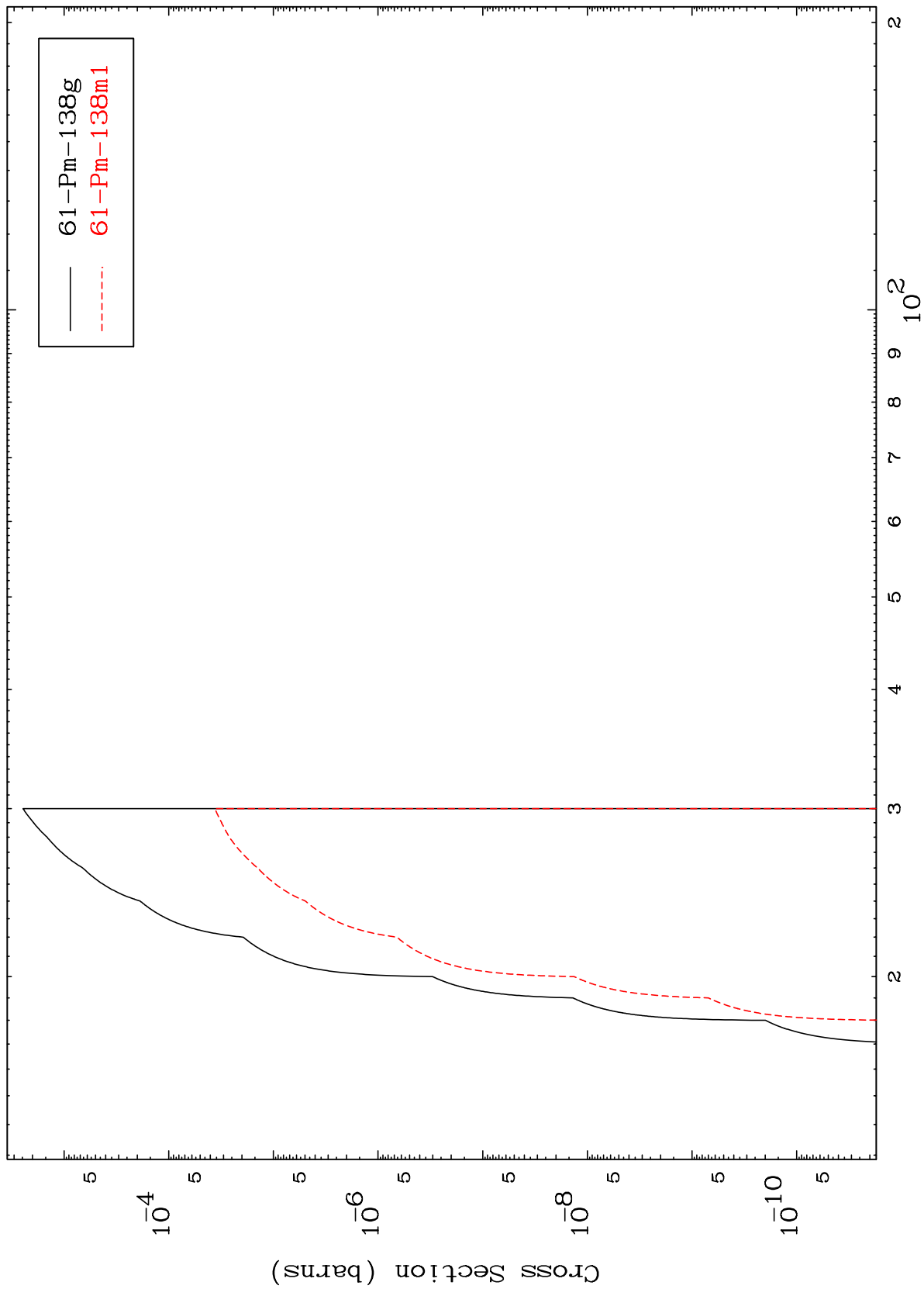
61-Pm-140

MAT 6128

(d,n') t

61-Pm-140

Radionuclide Production Cross Section



19

Incident Energy (MeV)

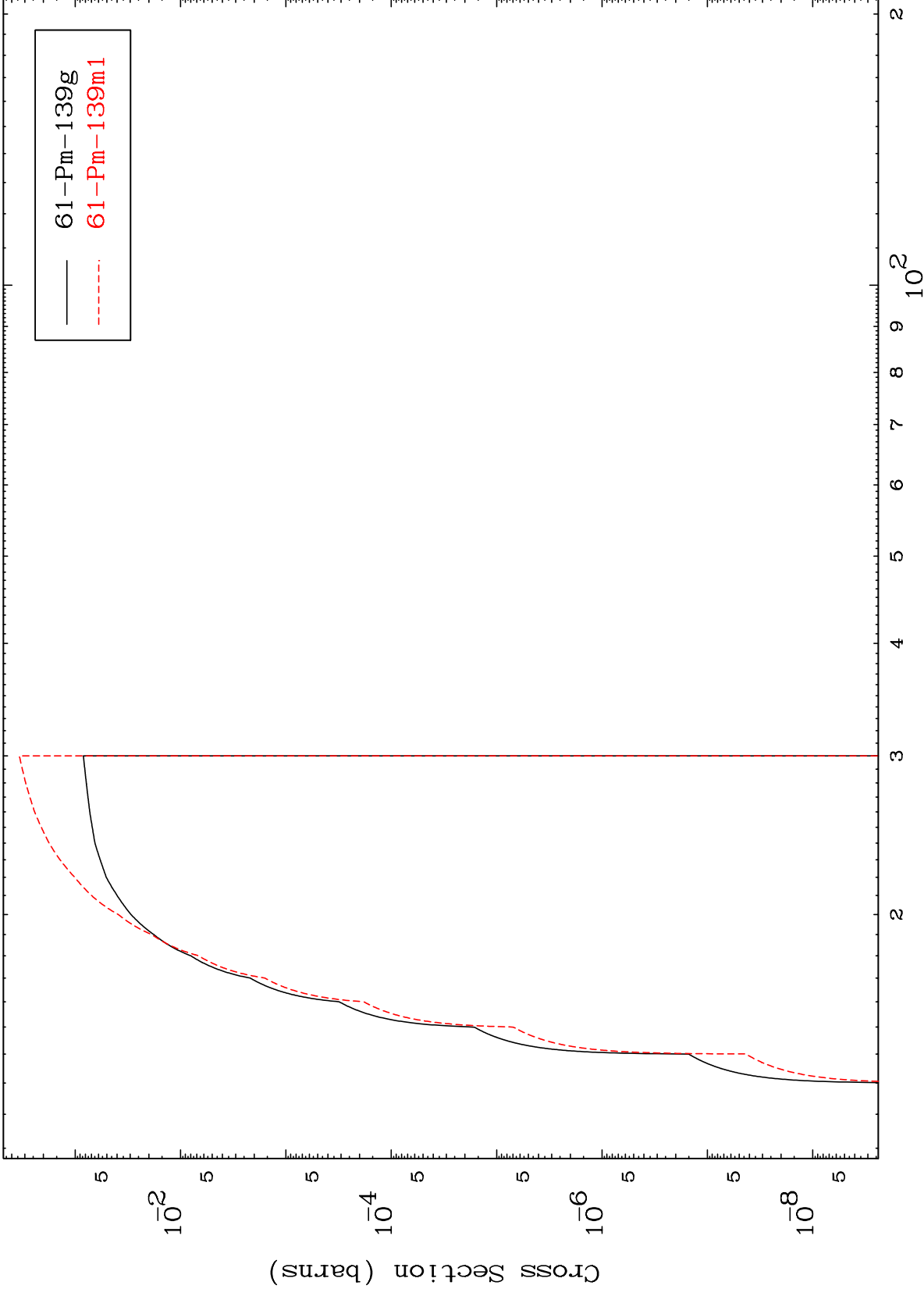
61-Pm-140

MAT 6128

(d,2n) p

61-Pm-140

Radionuclide Production Cross Section



20

Incident Energy (MeV)

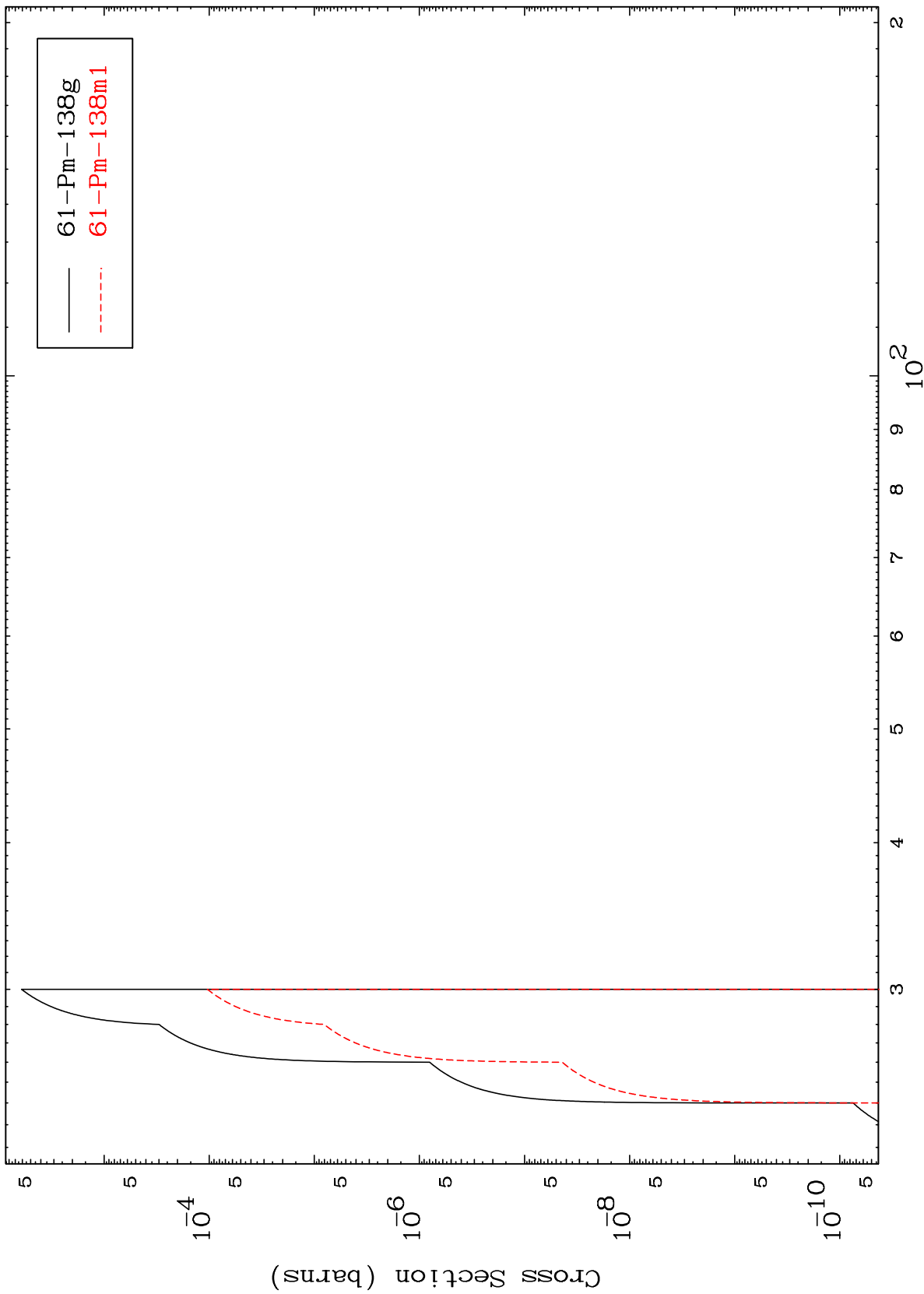
61-Pm-140

MAT 6128

(d,3n) p

61-Pm-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

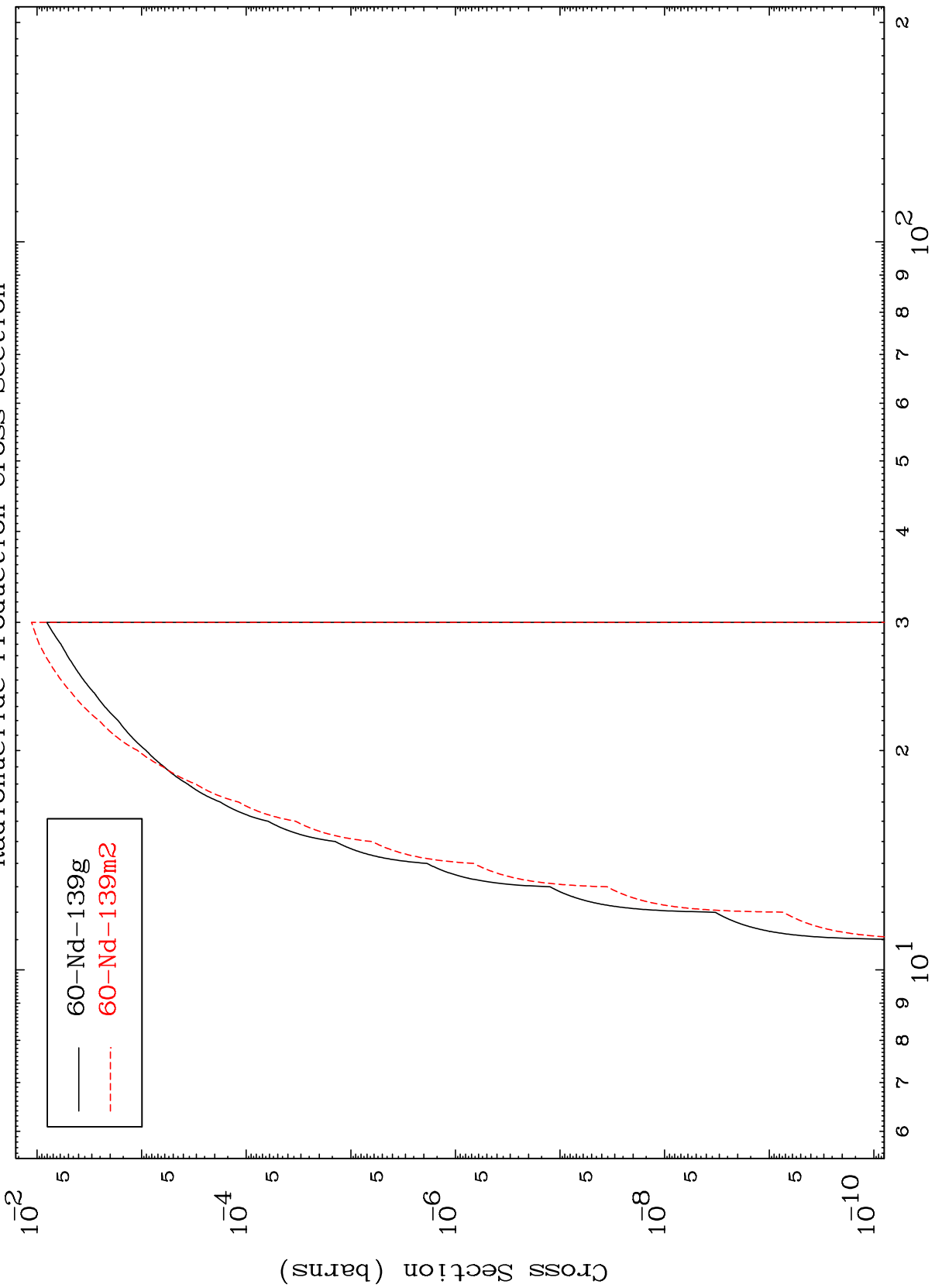
61-Pm-140

MAT 6128

(d,2n) p

61-Pm-140

Radionuclide Production Cross Section



60-Nd-139g  
60-Nd-139m2

Incident Energy (MeV)

61-Pm-140

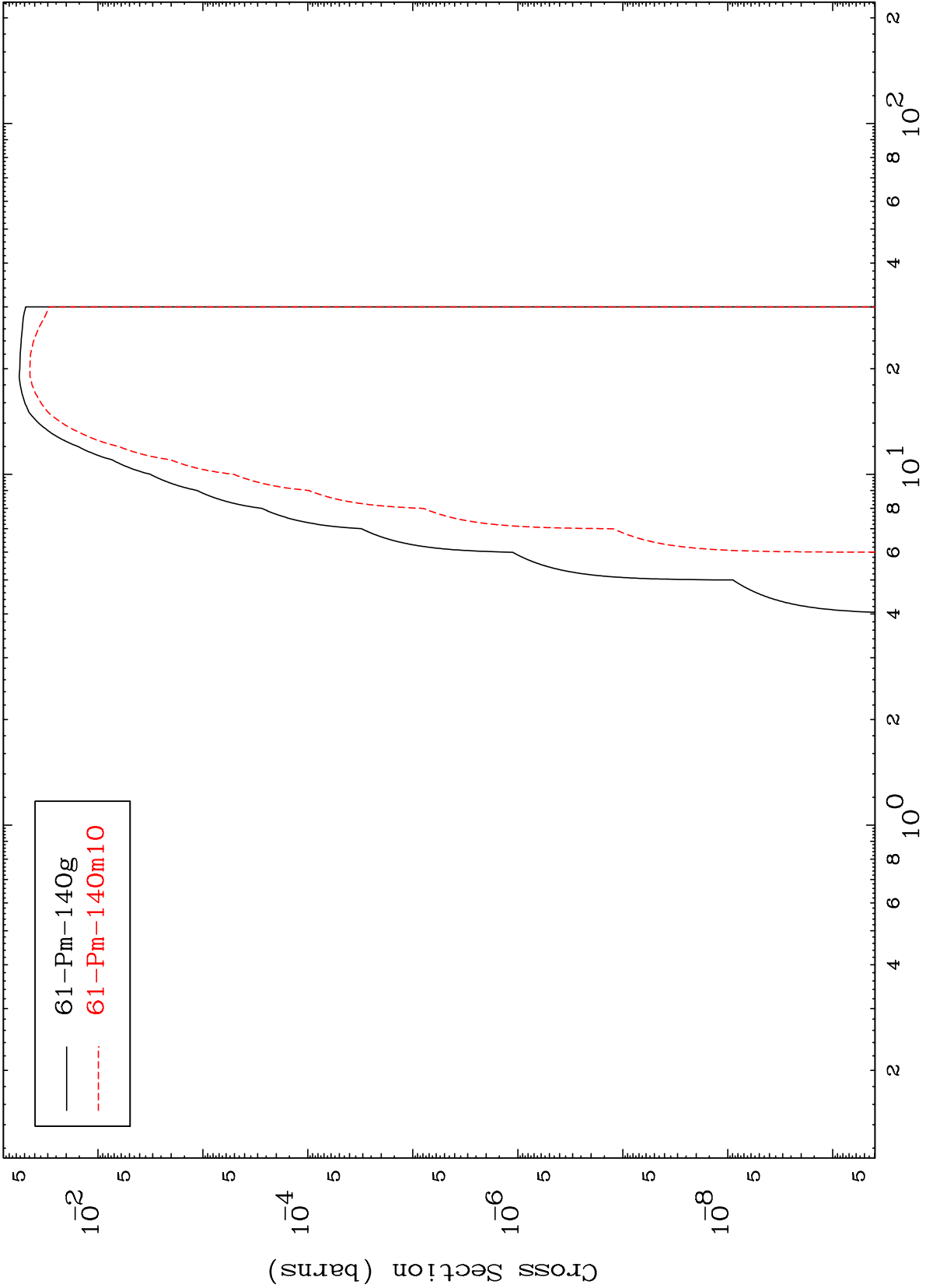
22

MAT 6128

(d,d)

61-Pm-140

Radionuclide Production Cross Section



61-Pm-140g  
61-Pm-140m10

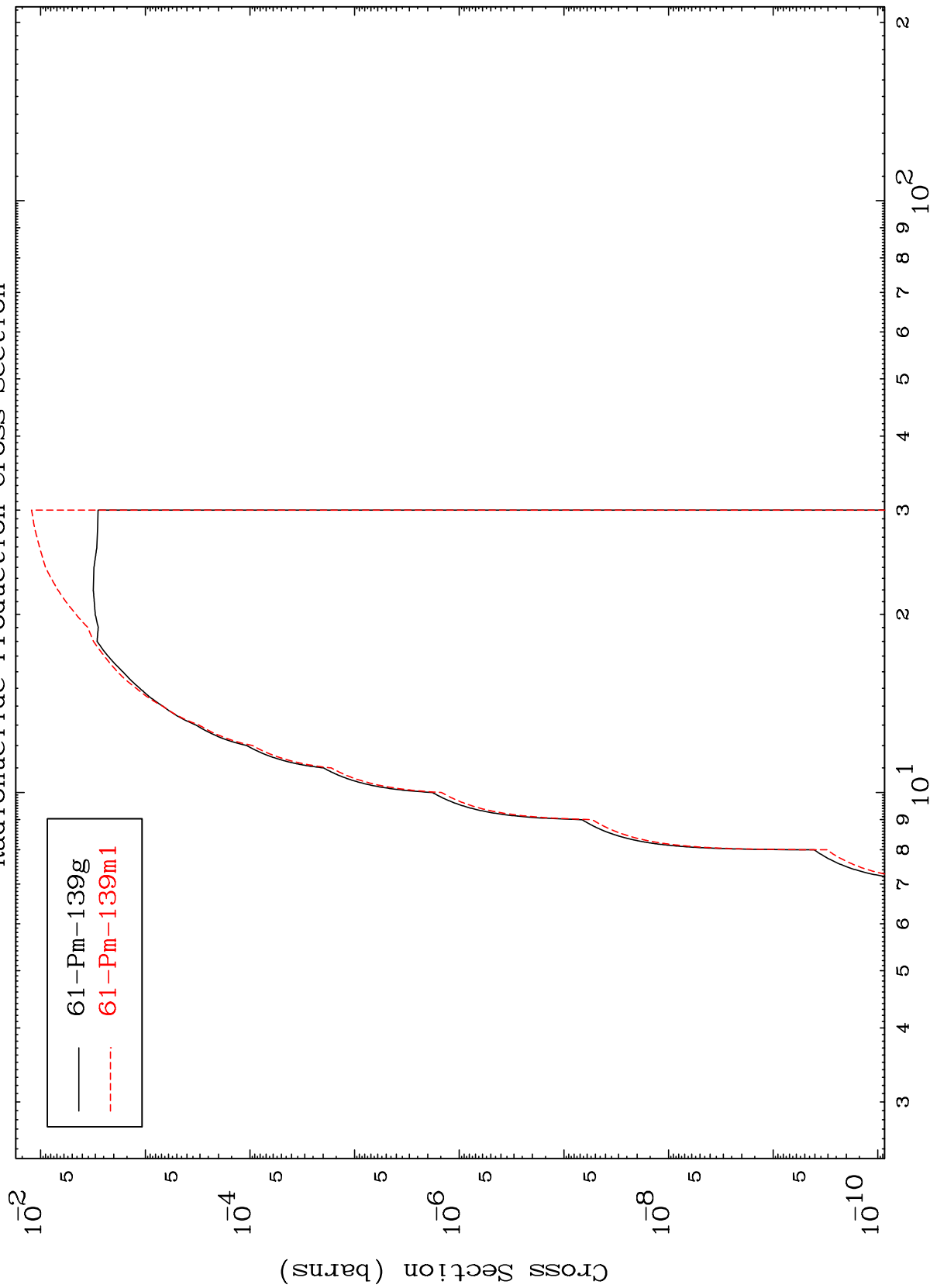


MAT 6128

(d, t)

61-Pm-140

Radionuclide Production Cross Section



24

Incident Energy (MeV)

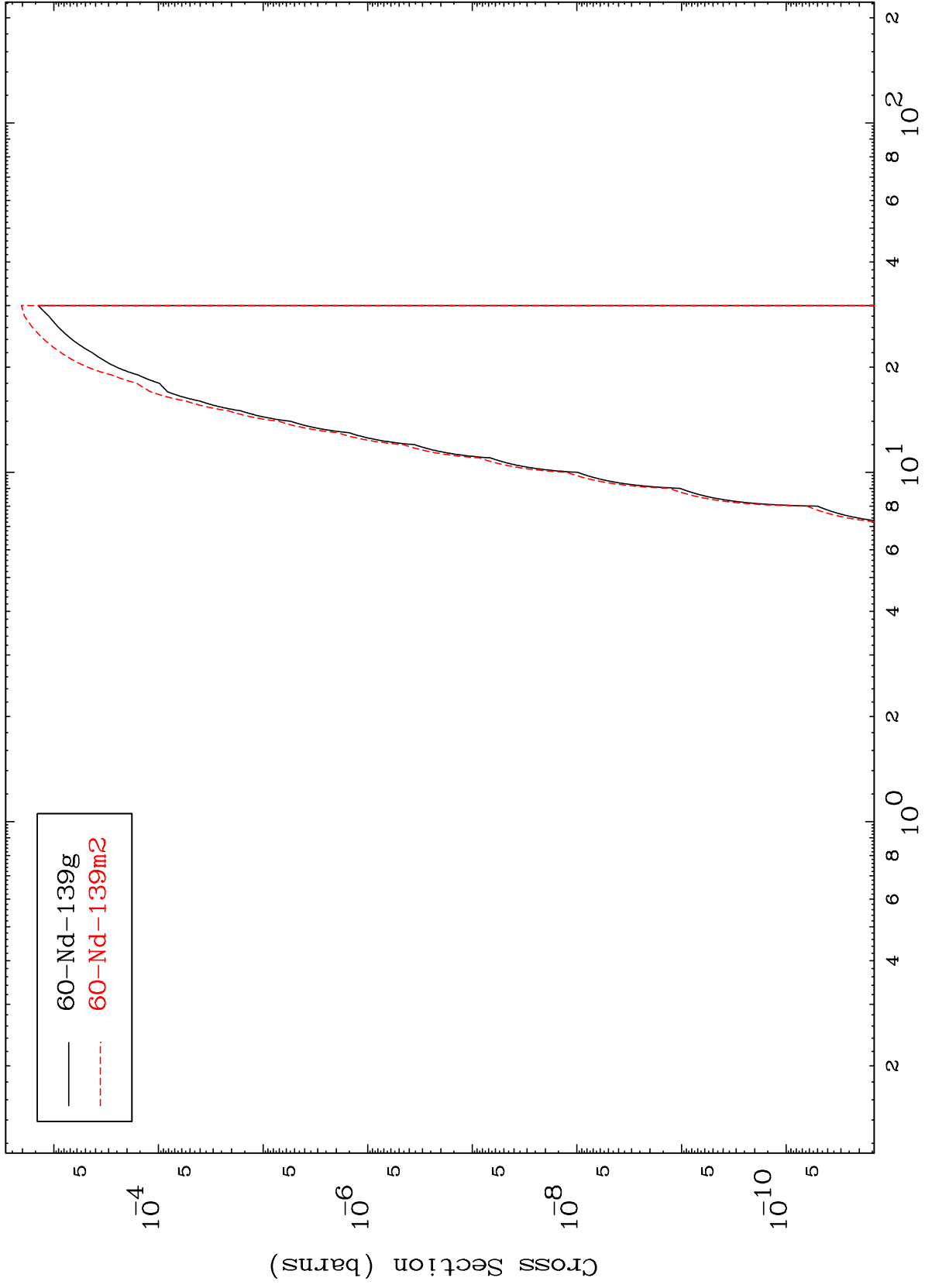
61-Pm-140

MAT 6128

(d,He-3)

61-Pm-140

Radionuclide Production Cross Section



25

Incident Energy (MeV)

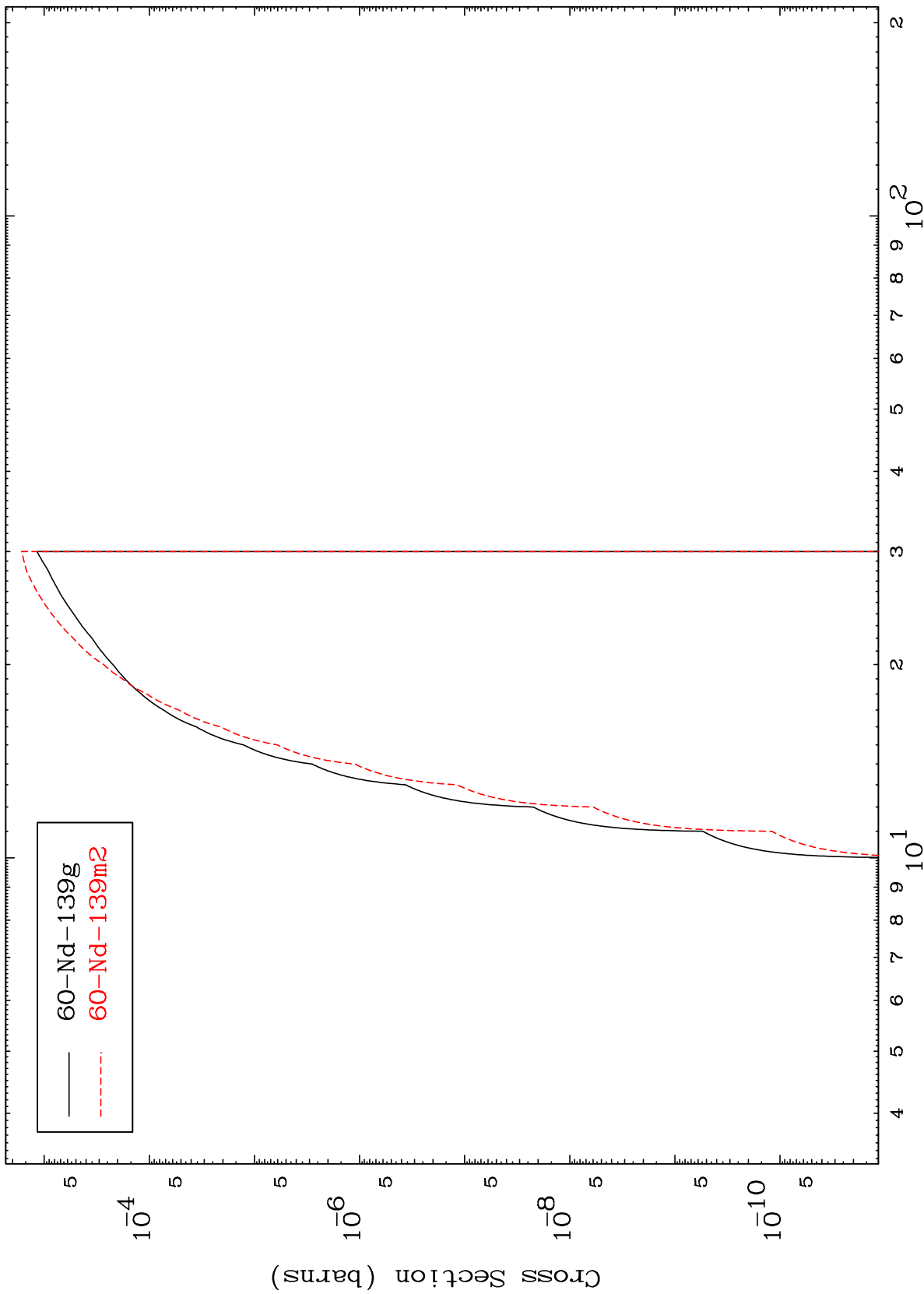
61-Pm-140

MAT 6128

(d,p) d

61-Pm-140

Radionuclide Production Cross Section



26

Incident Energy (MeV)

61-Pm-140