

Program EVALPLOT  
(Version 2018-1)

by

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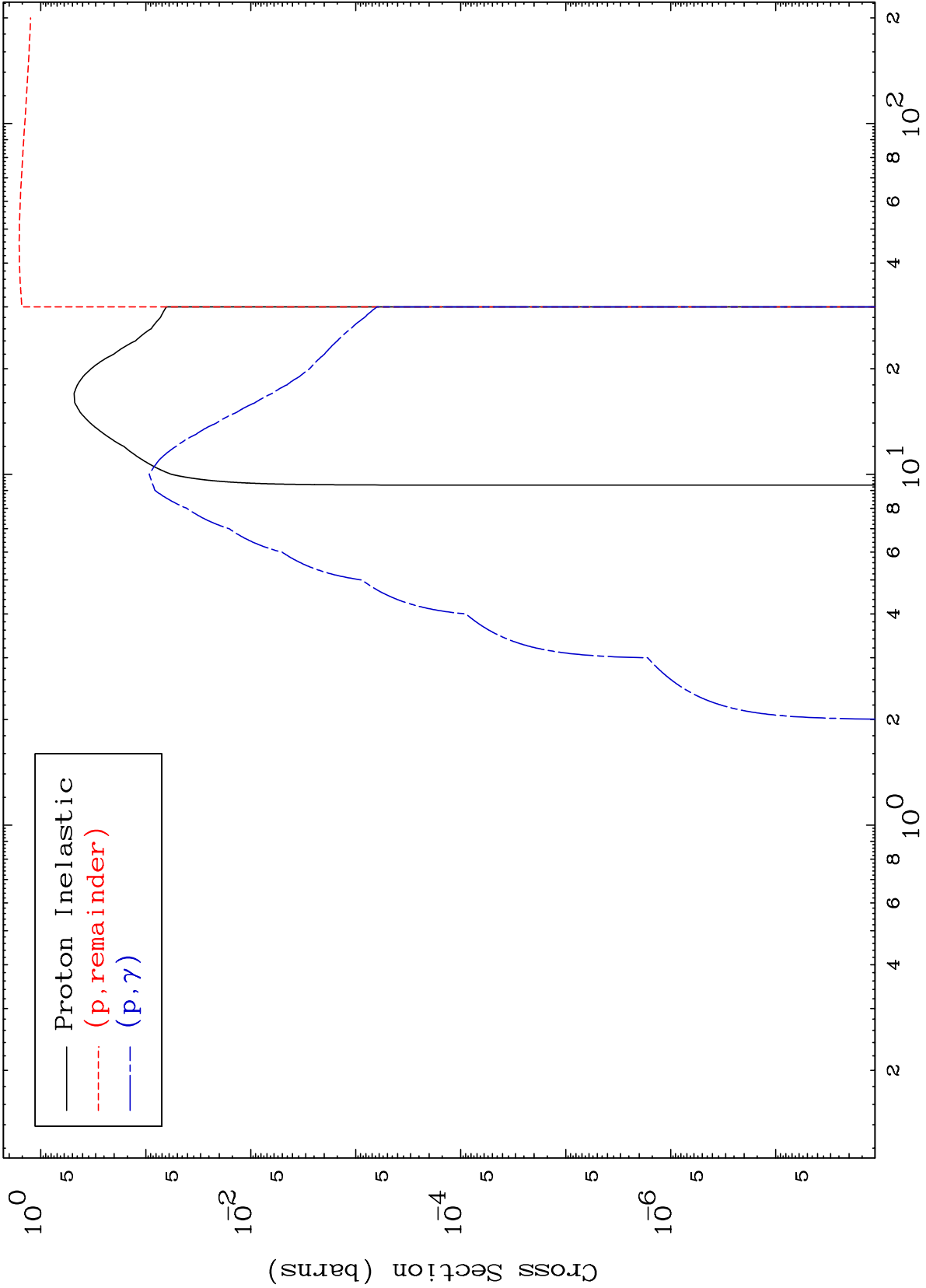
Press Mouse Button to Start

MAT 6213

Proton Major

62-Sm-140

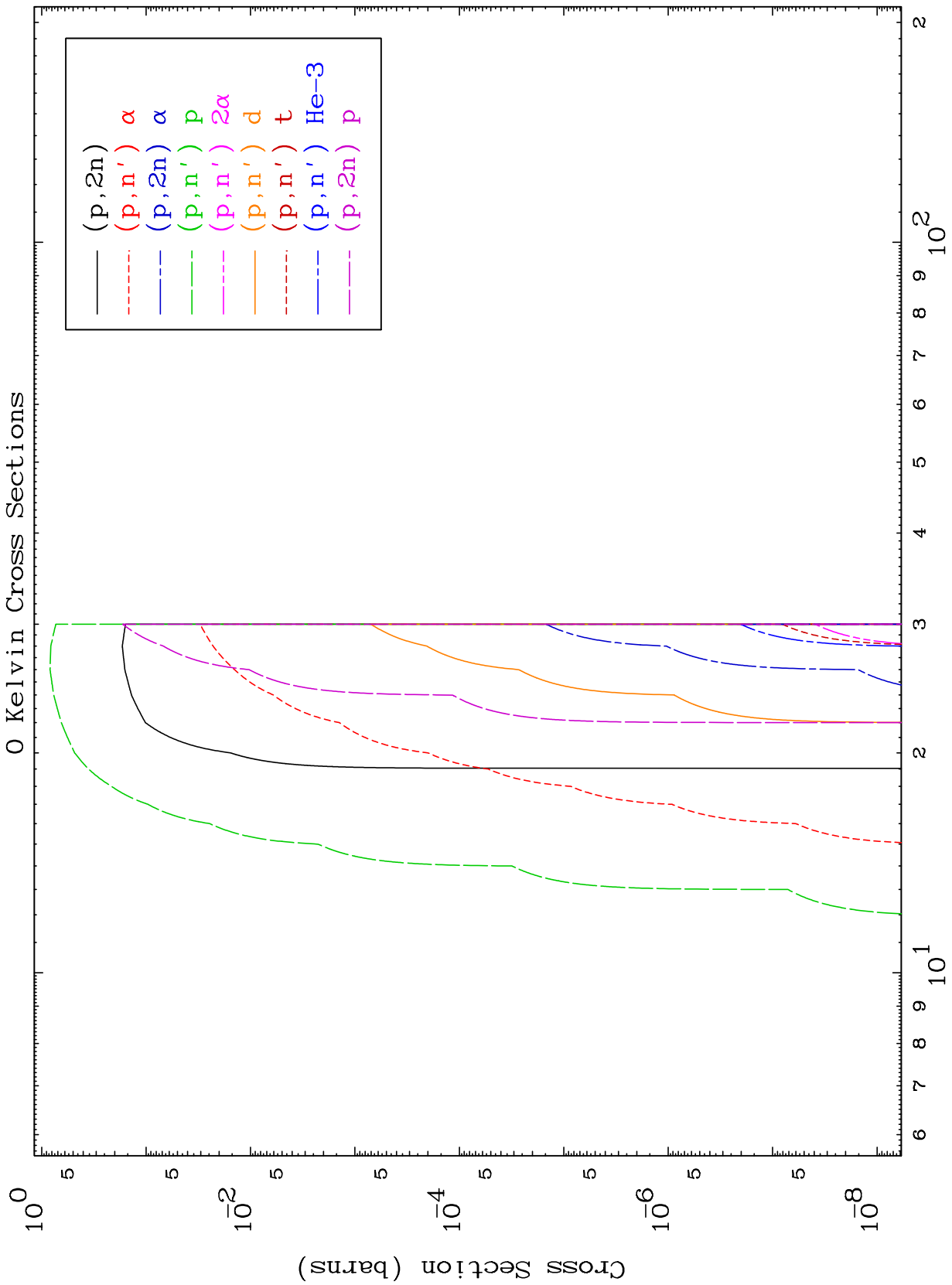
0 Kelvin Cross Sections



MAT 6213

Proton Neutron Production  
0 Kelvin Cross Sections

62-Sm-140



2

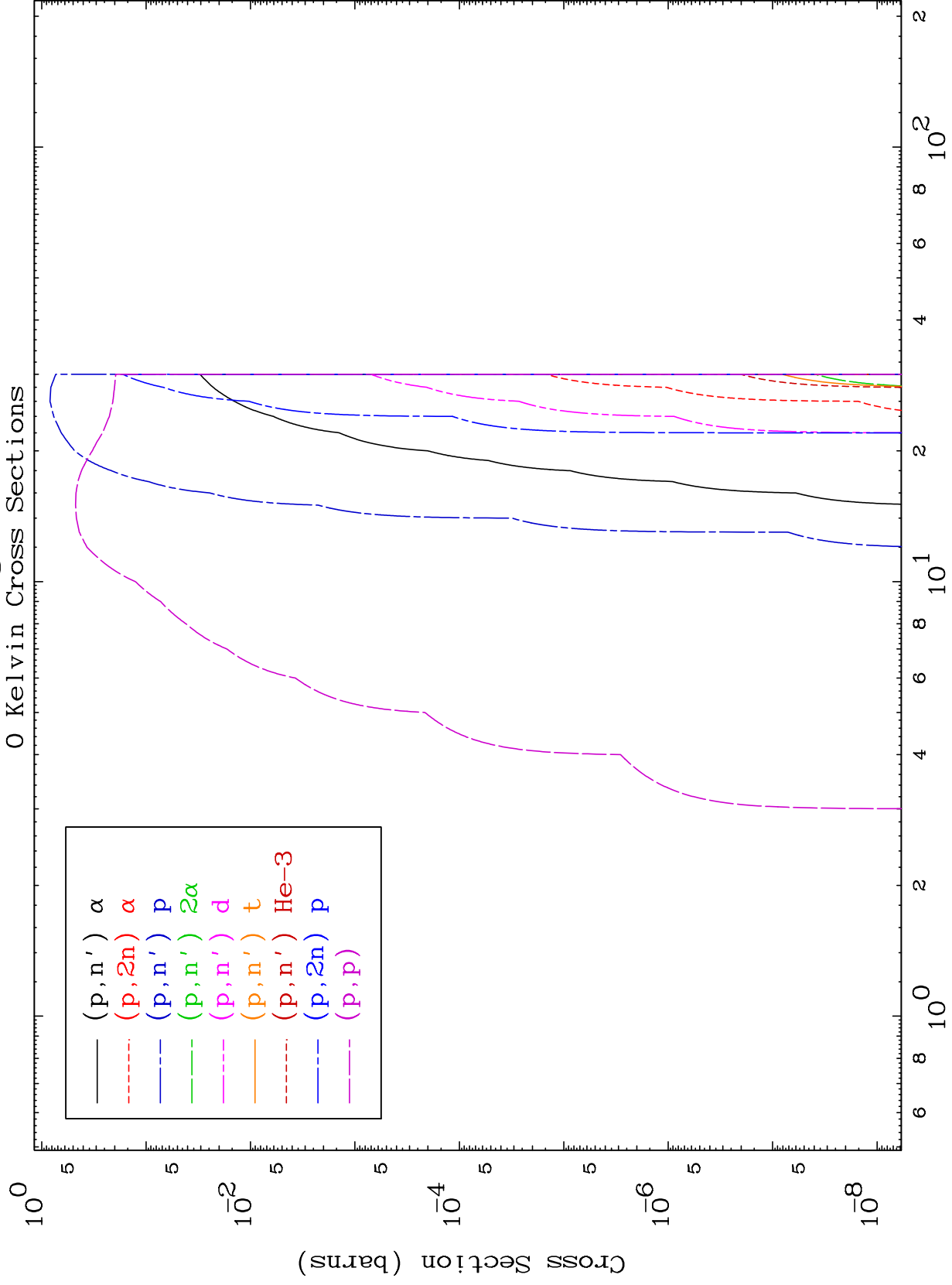
Incident Energy (MeV)

62-Sm-140

MAT 6213

Proton Charged Particle  
0 Kelvin Cross Sections

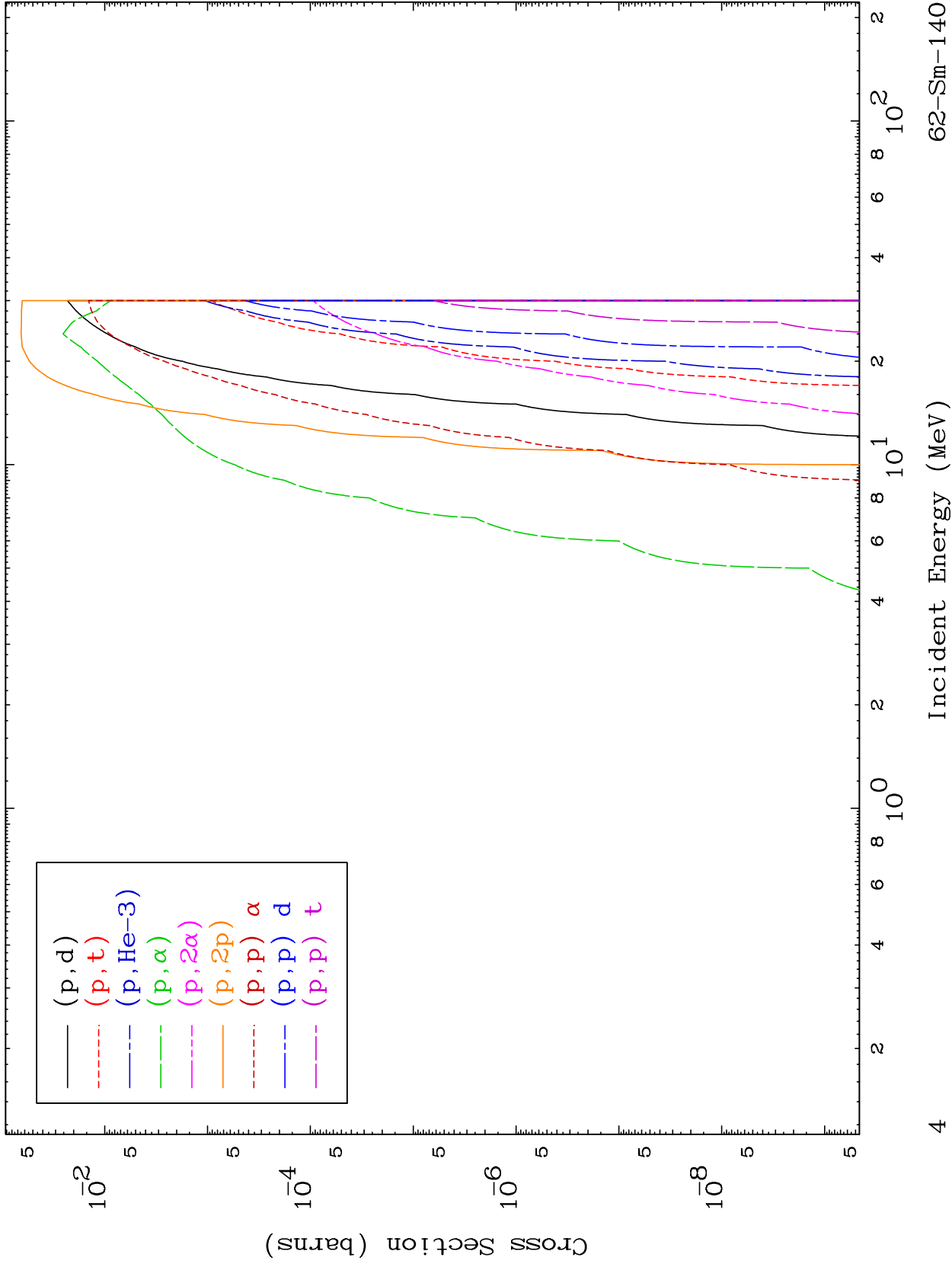
62-Sm-140



MAT 6213

Proton Charged Particle  
0 Kelvin Cross Sections

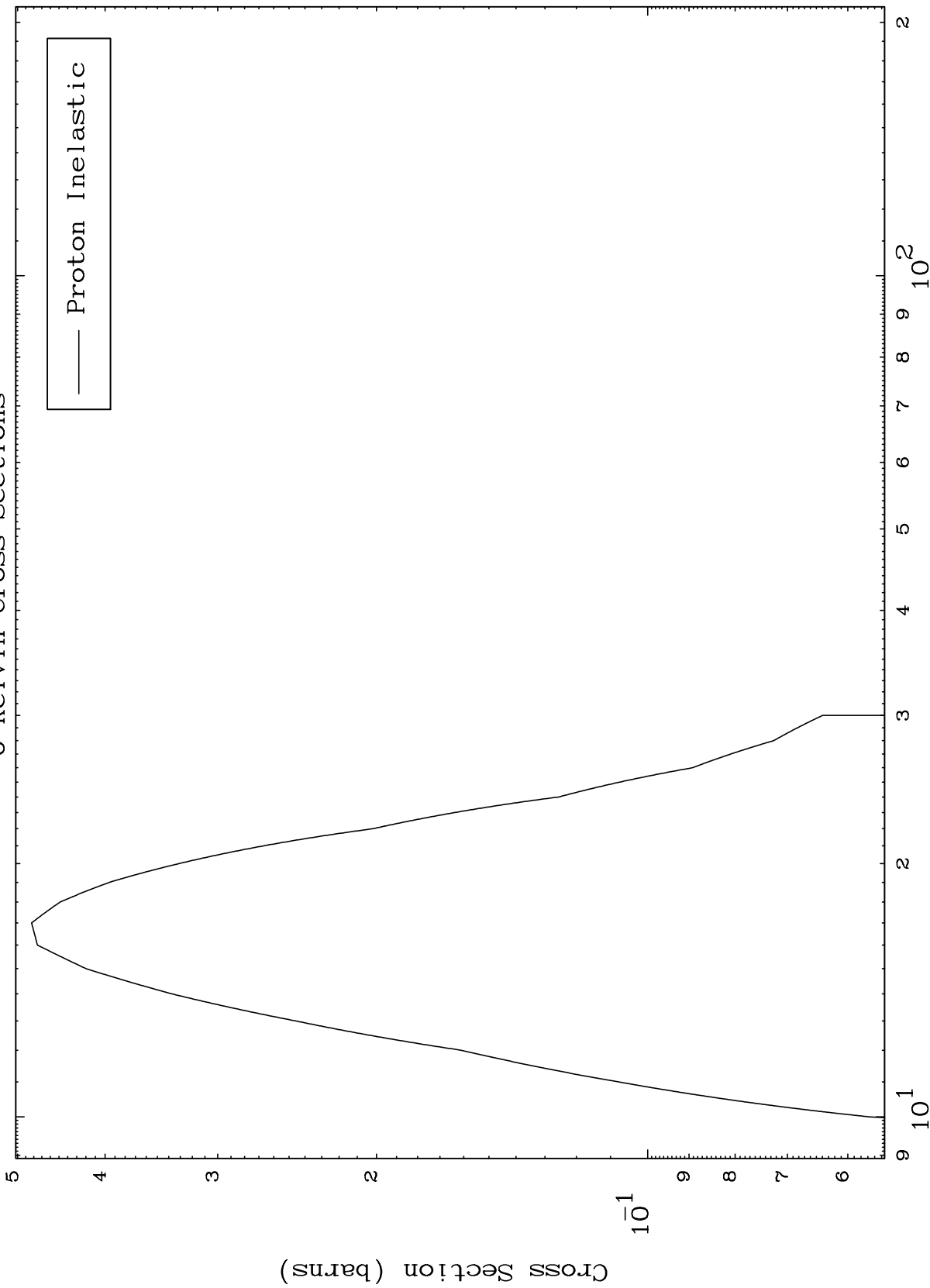
62-Sm-140



MAT 6213

62-Sm-140

(p,n') Level  
0 Kelvin Cross Sections



62-Sm-140

Incident Energy (MeV)

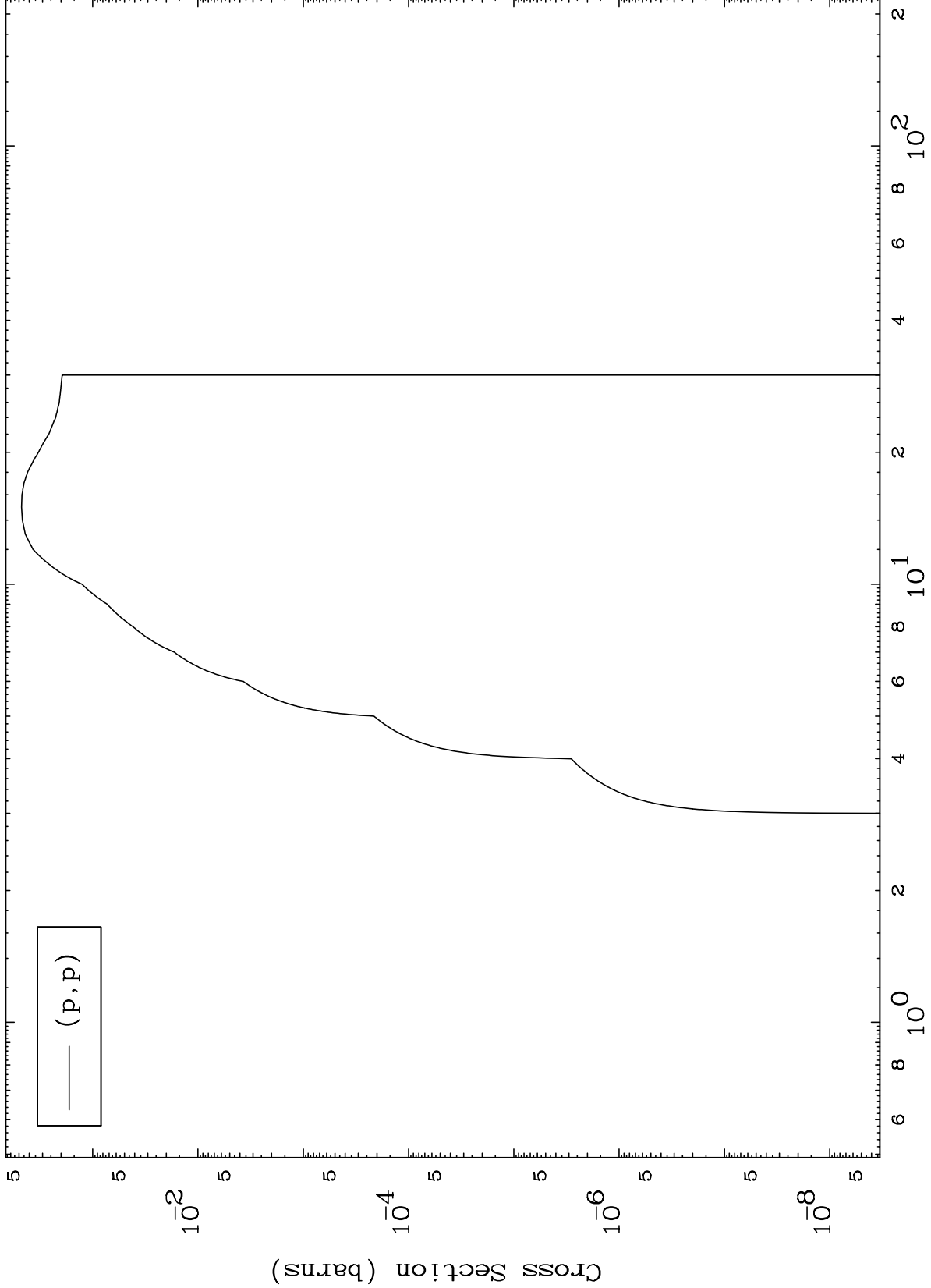
5

MAT 6213

(p,p) Levels

62-Sm-140

0 Kelvin Cross Sections



6

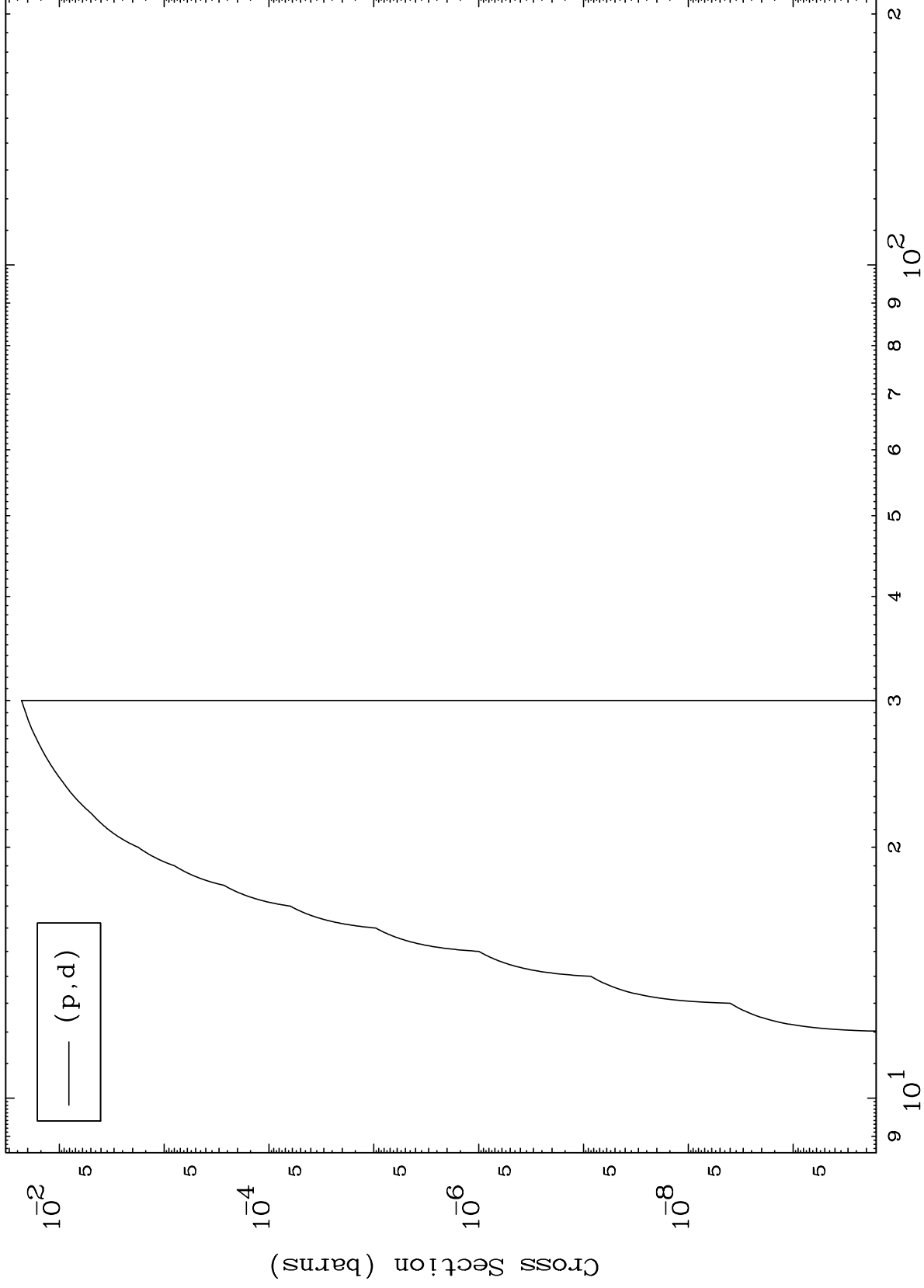
Incident Energy (MeV)

62-Sm-140

MAT 6213

(p,d) Levels  
0 Kelvin Cross Sections

62-Sm-140



Incident Energy (MeV)

62-Sm-140

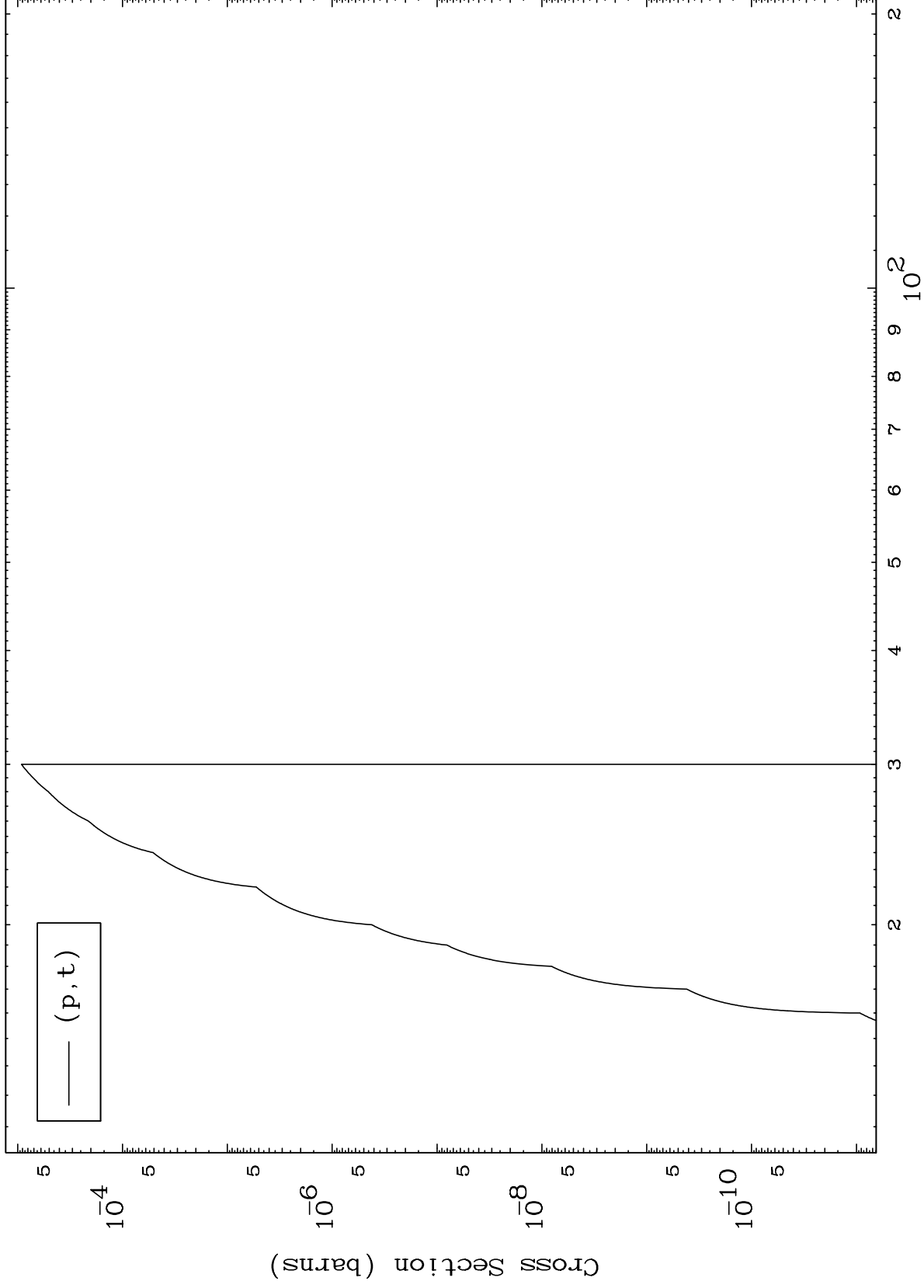
7



MAT 6213

(p,t) Levels  
0 Kelvin Cross Sections

62-Sm-140



8

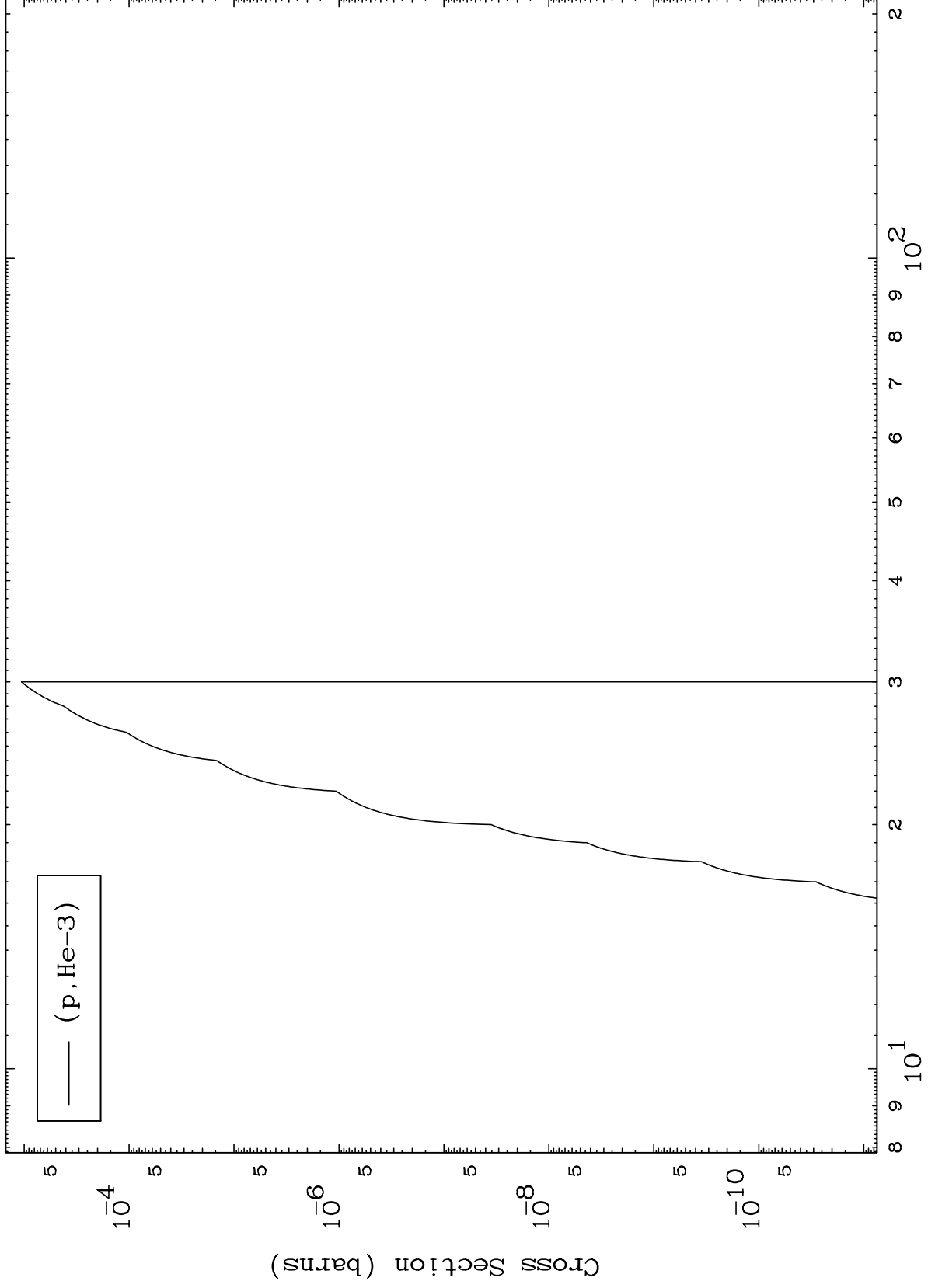
Incident Energy (MeV)

62-Sm-140

MAT 6213

(p,He3) Levels  
0 Kelvin Cross Sections

62-Sm-140



9

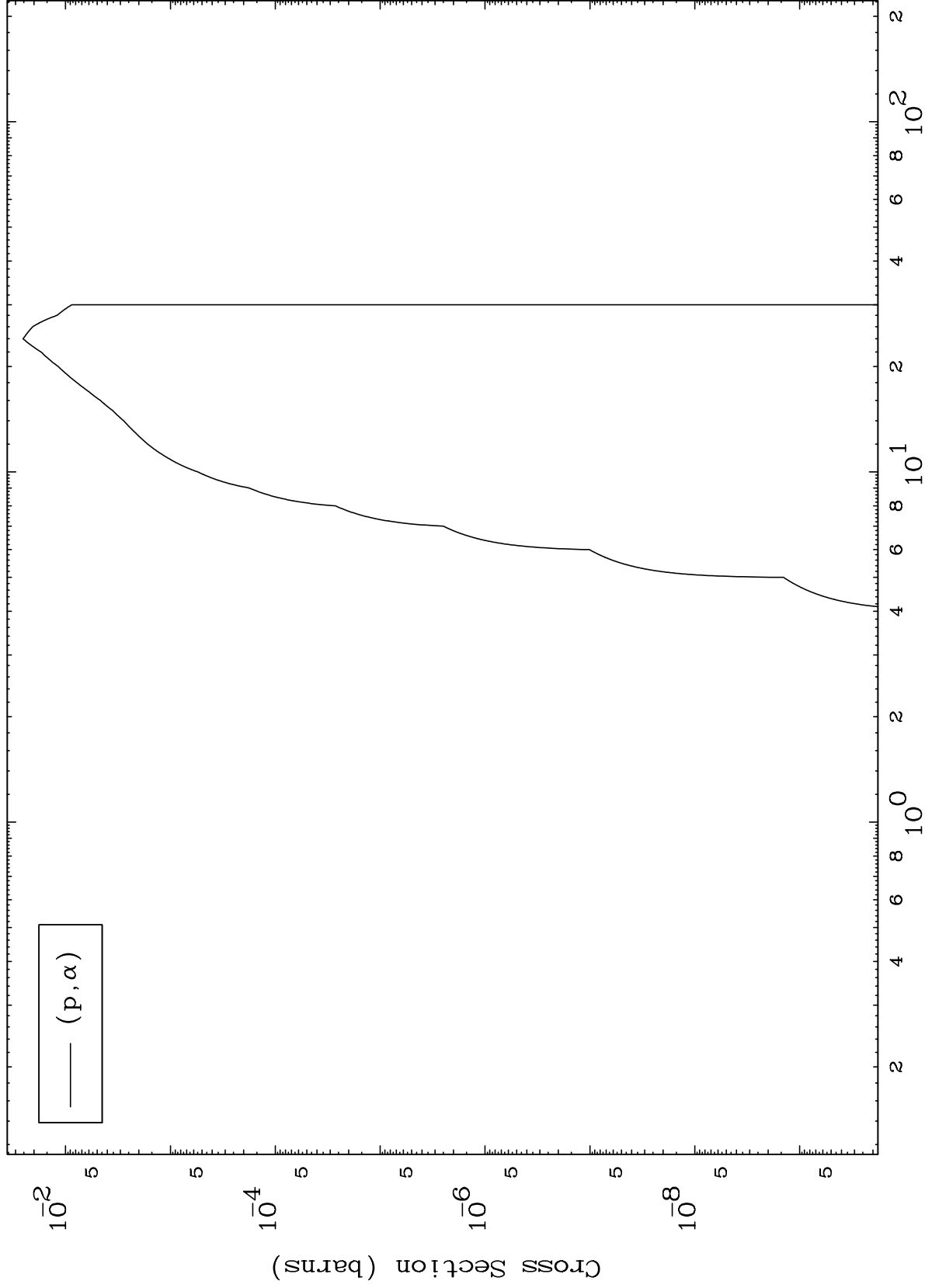
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

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



62-Sm-140

Incident Energy (MeV)

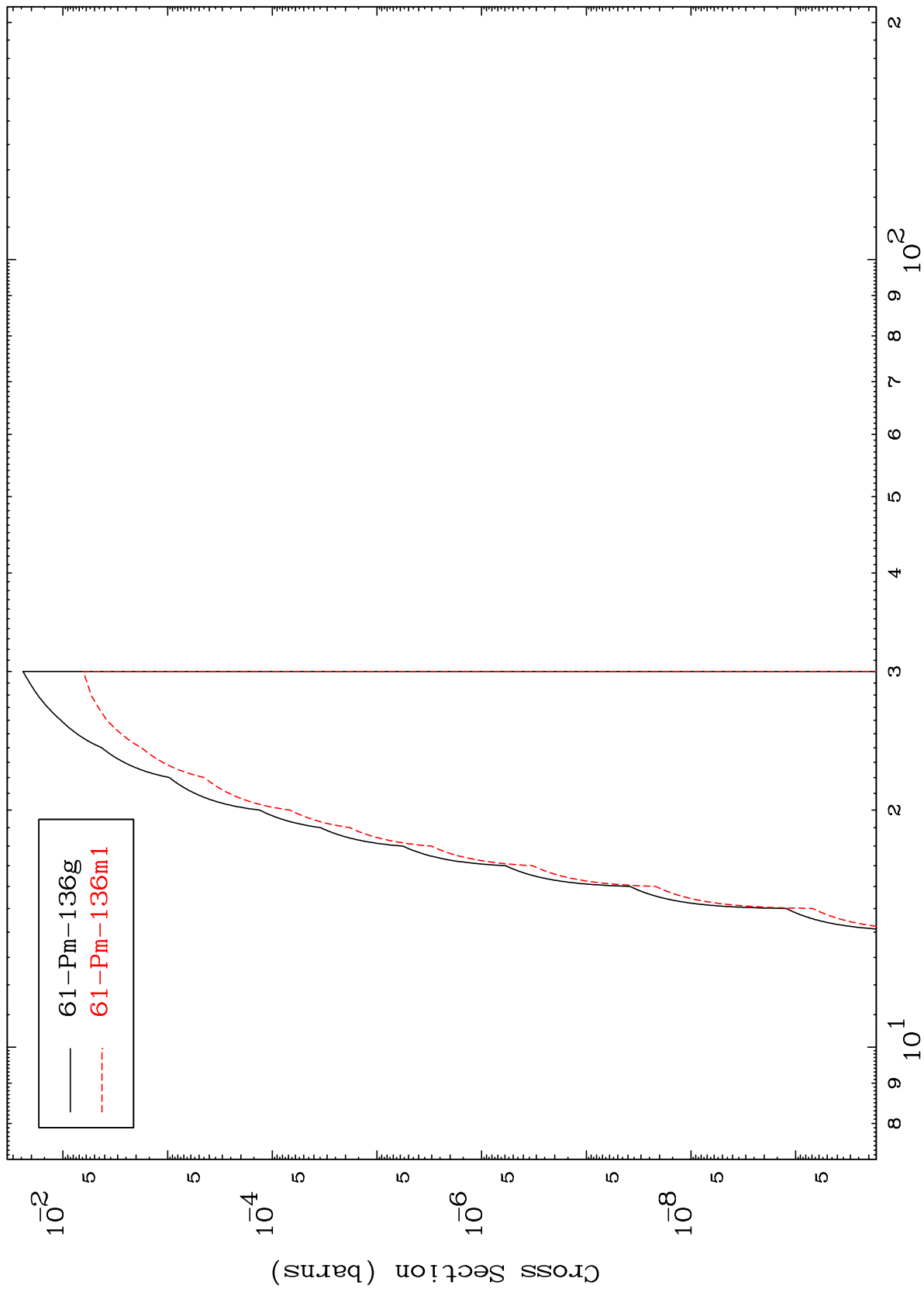
10

MAT 6213

(p,n')  $\alpha$

62-Sm-140

Radionuclide Production Cross Section



11

Incident Energy (MeV)

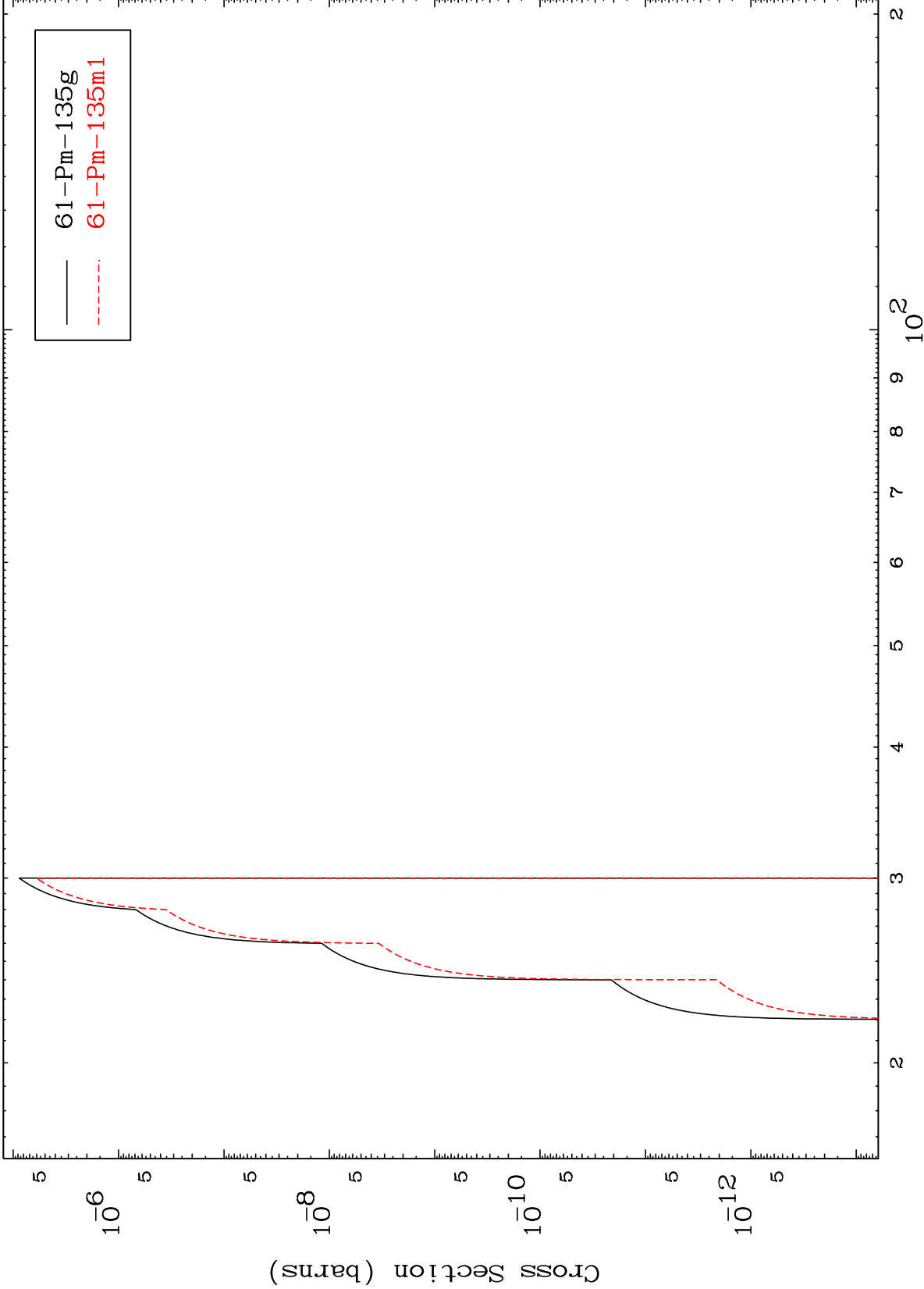
62-Sm-140

MAT 6213

(p,2n)  $\alpha$

62-Sm-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

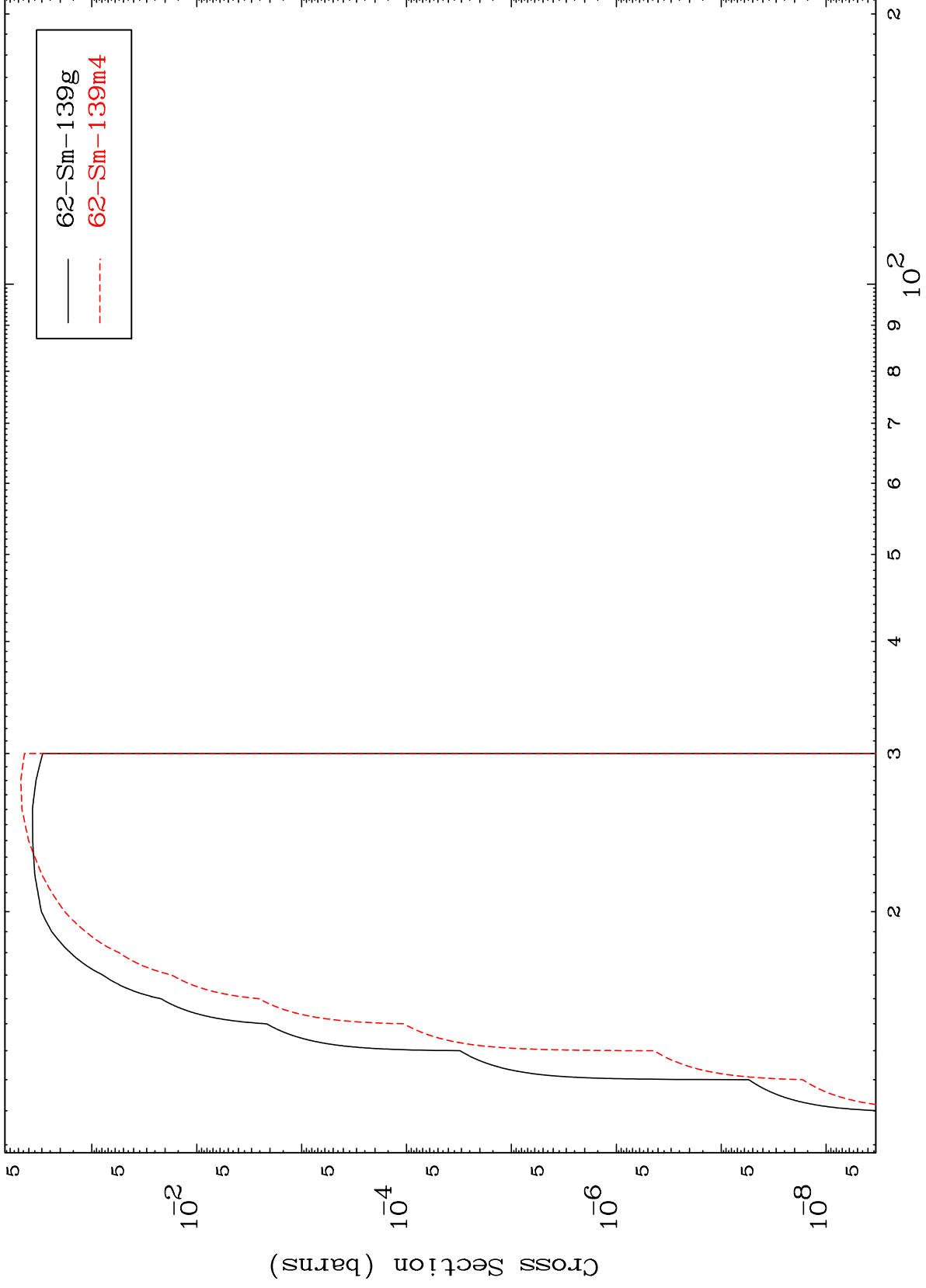
62-Sm-140

MAT 6213

(p,n') p

62-Sm-140

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

13

Incident Energy (MeV)

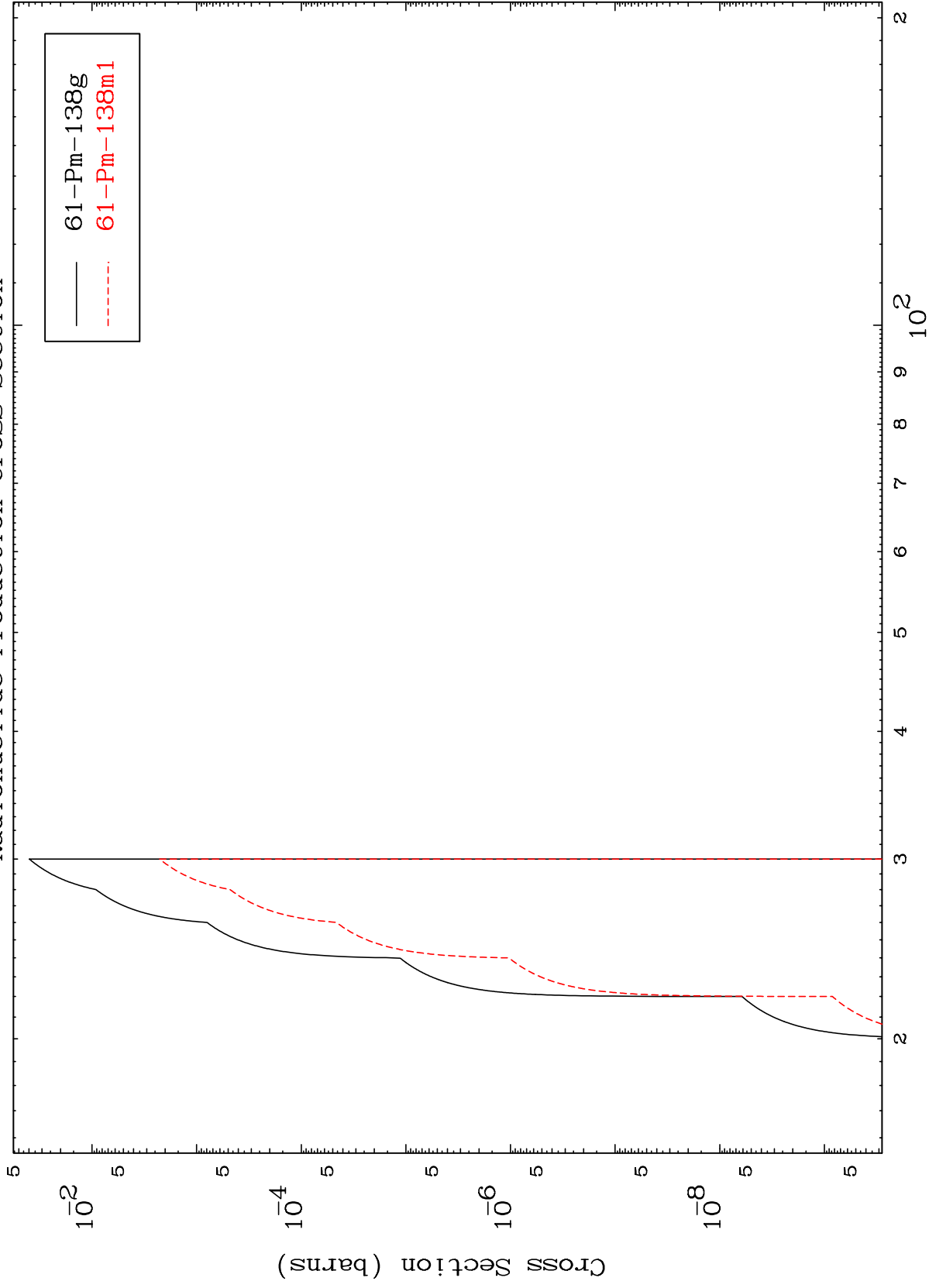
62-Sm-140

MAT 6213

(p,2n) p

62-Sm-140

Radionuclide Production Cross Section



14

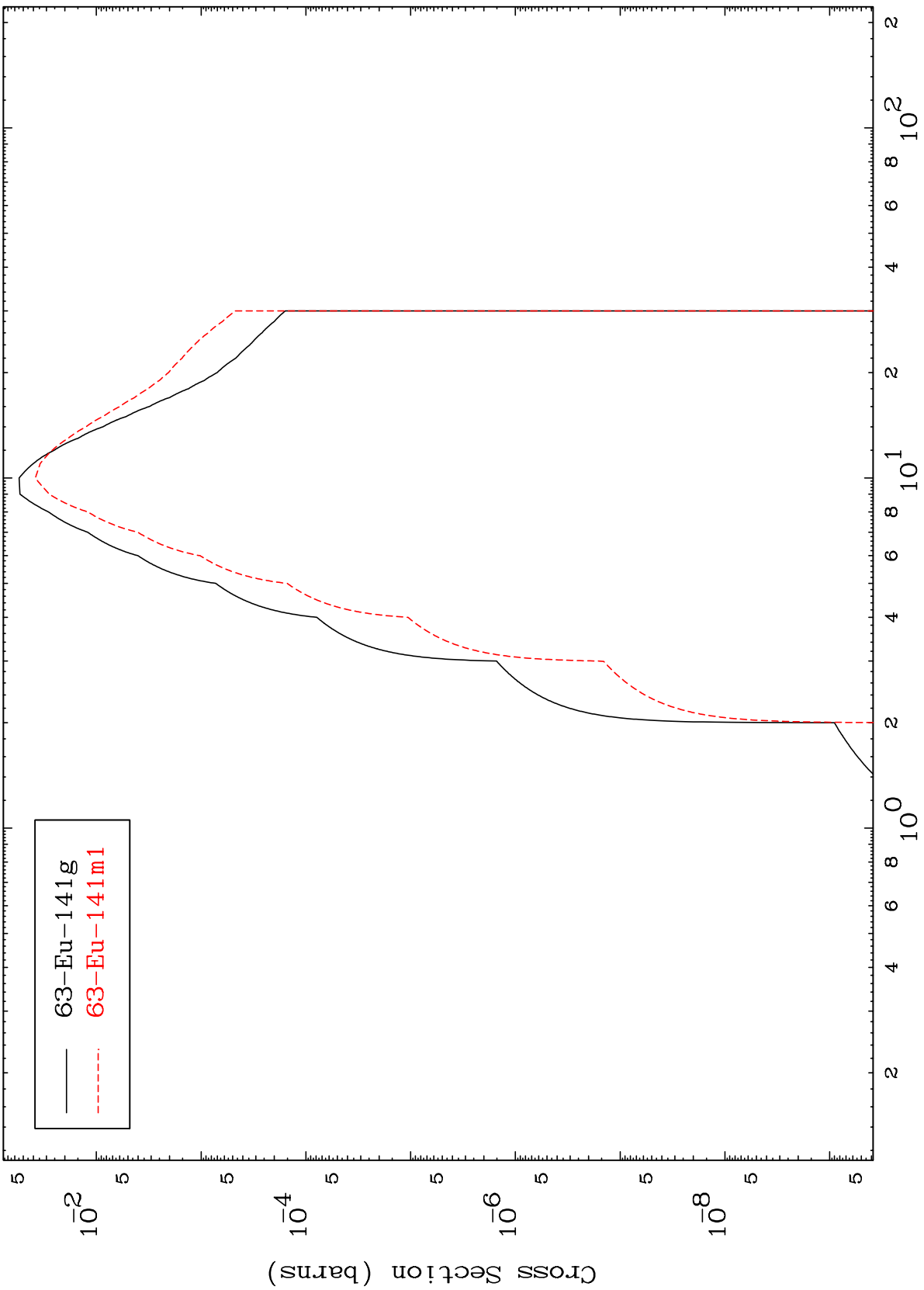
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

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



63-Eu-141g  
63-Eu-141m1

62-Sm-140

Incident Energy (MeV)

15

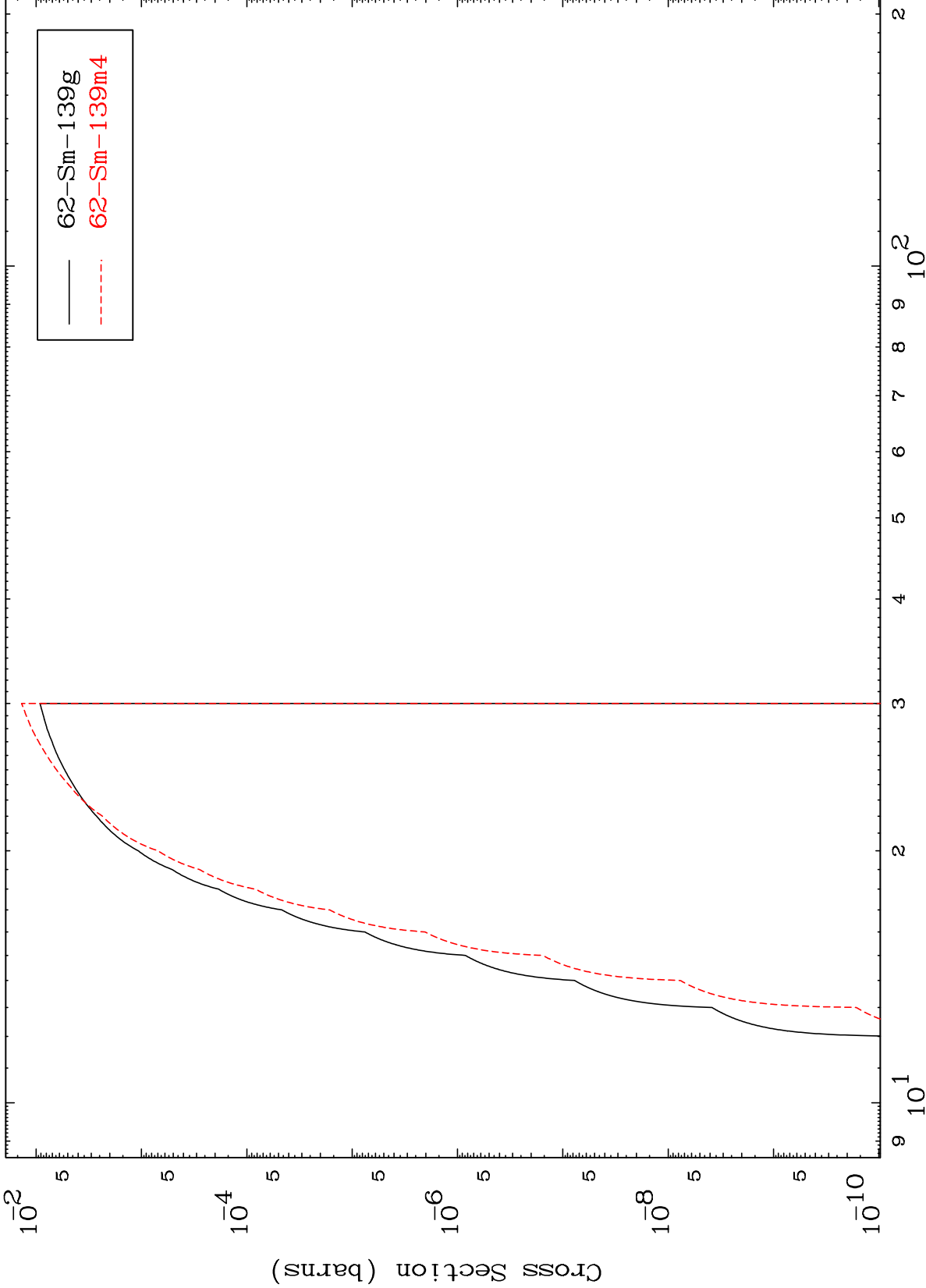


MAT 6213

(p,d)

62-Sm-140

Radionuclide Production Cross Section



Incident Energy (MeV)

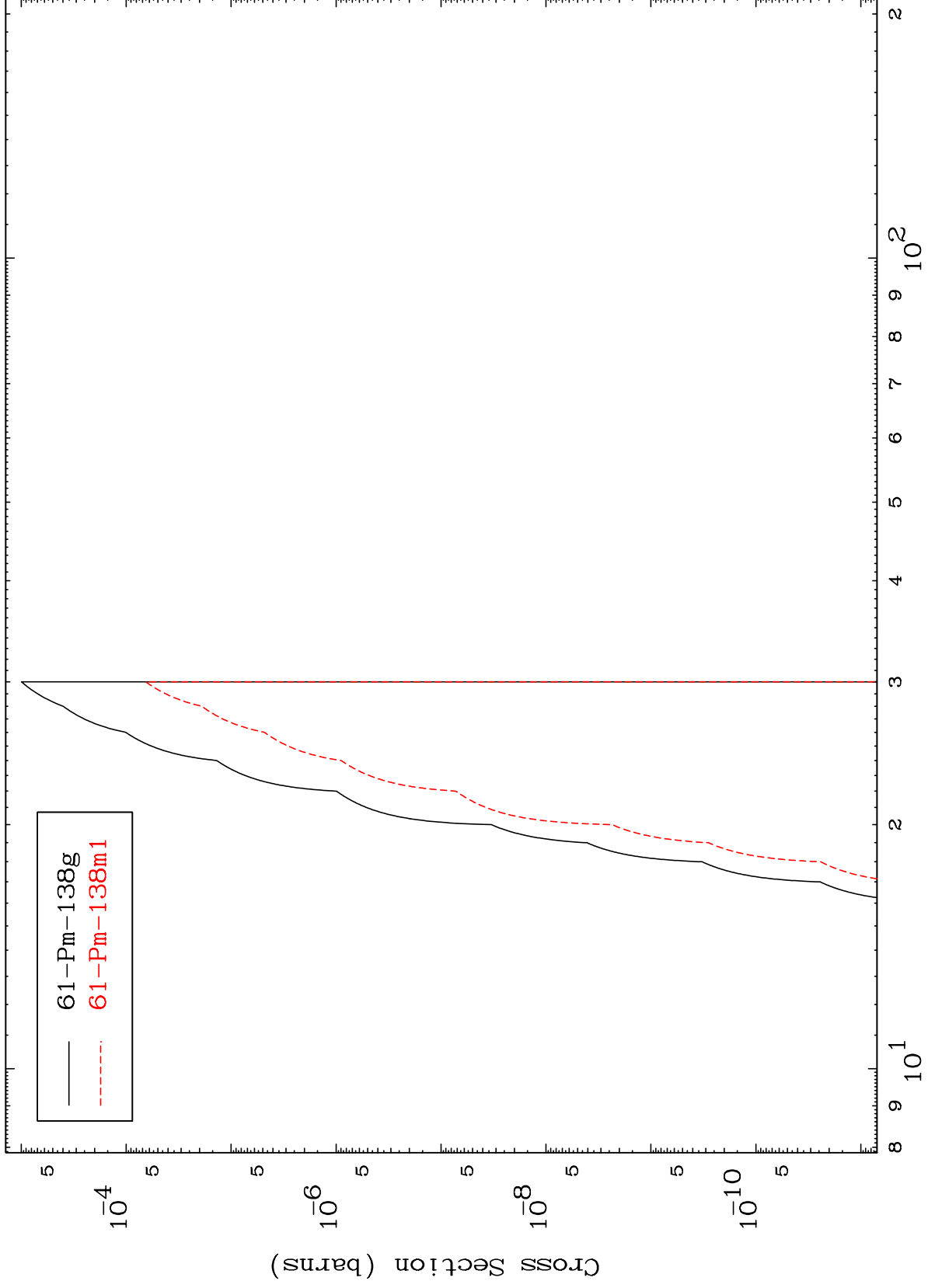
62-Sm-140

MAT 6213

(p,He-3)

62-Sm-140

Radionuclide Production Cross Section



17

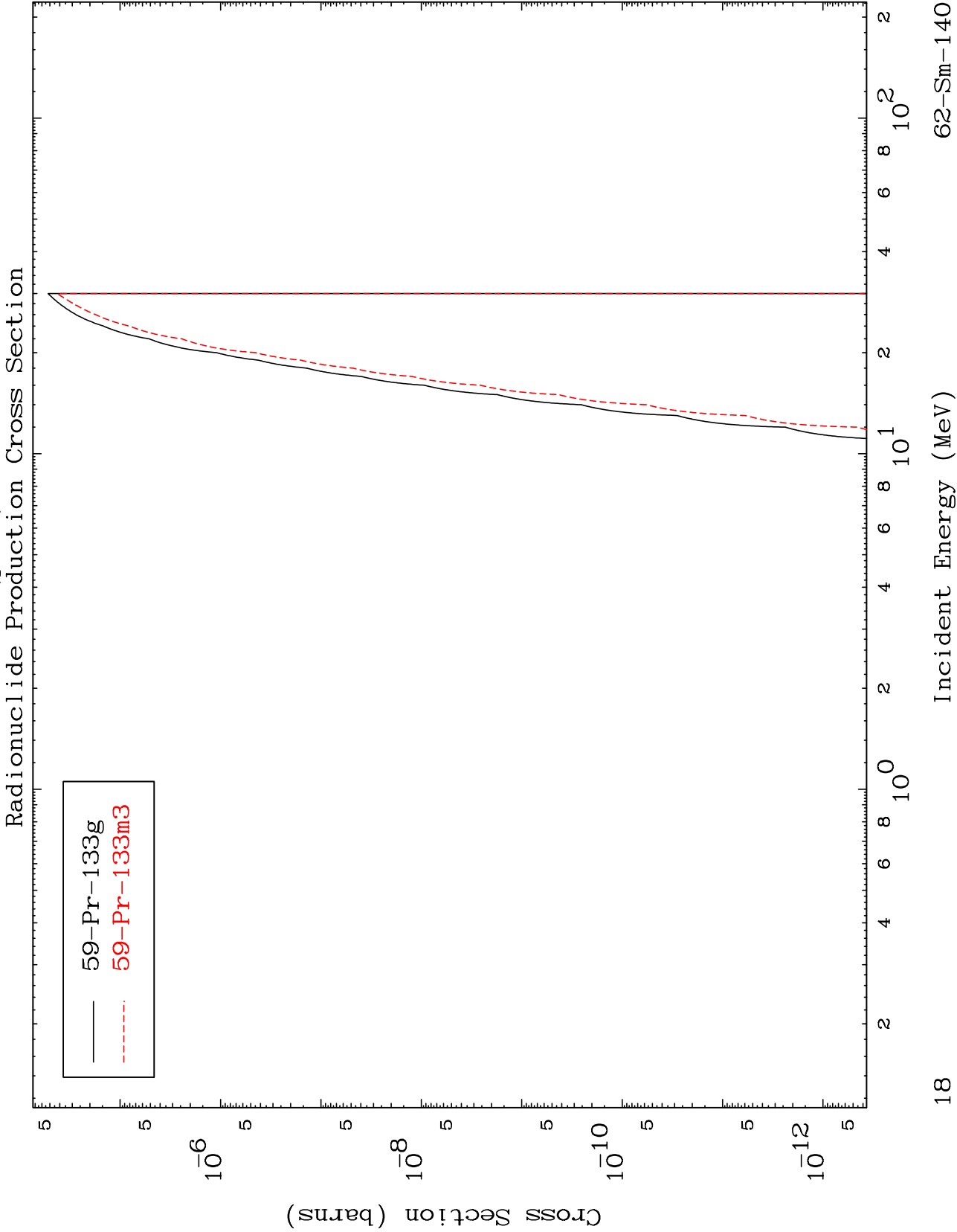
Incident Energy (MeV)

62-Sm-140

MAT 6213

(p,2 $\alpha$ )

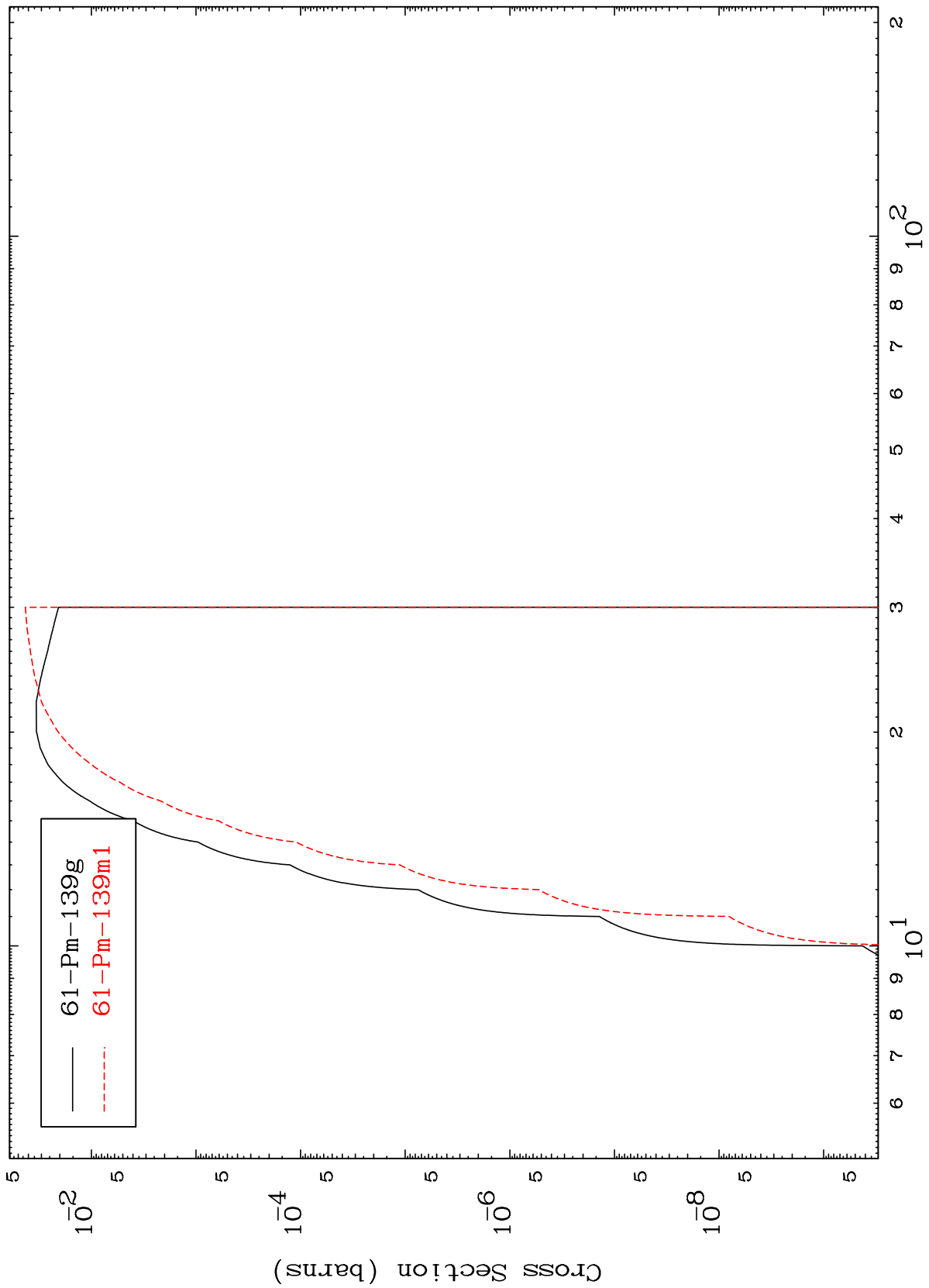
62-Sm-140



MAT 6213

62-Sm-140

Radionuclide Production Cross Section (p,2p)



19

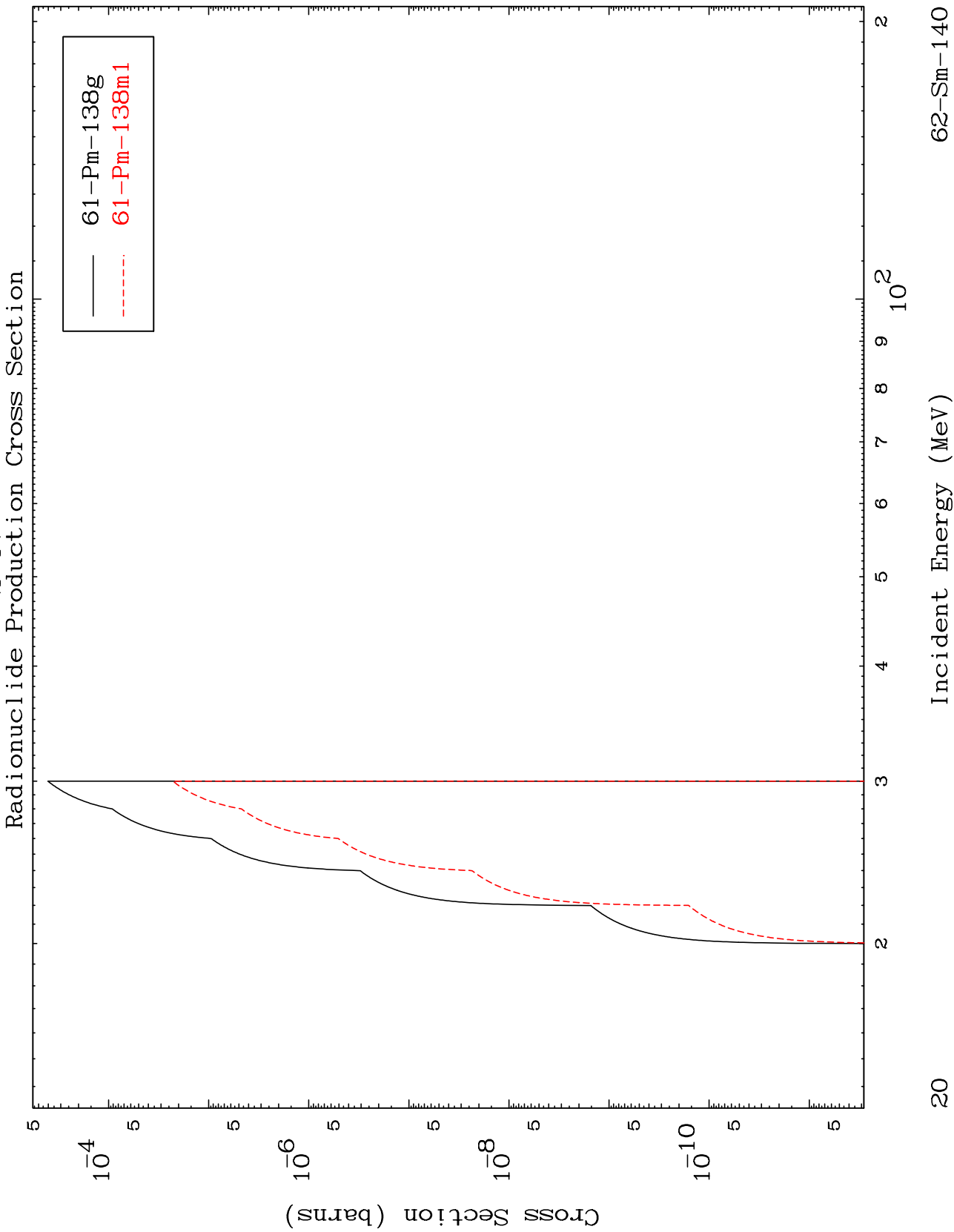
Incident Energy (MeV)

62-Sm-140

MAT 6213

(p,p) d

62-Sm-140



20

Incident Energy (MeV)

62-Sm-140