

Program EVALPLOT  
(Version 2018-1)

by

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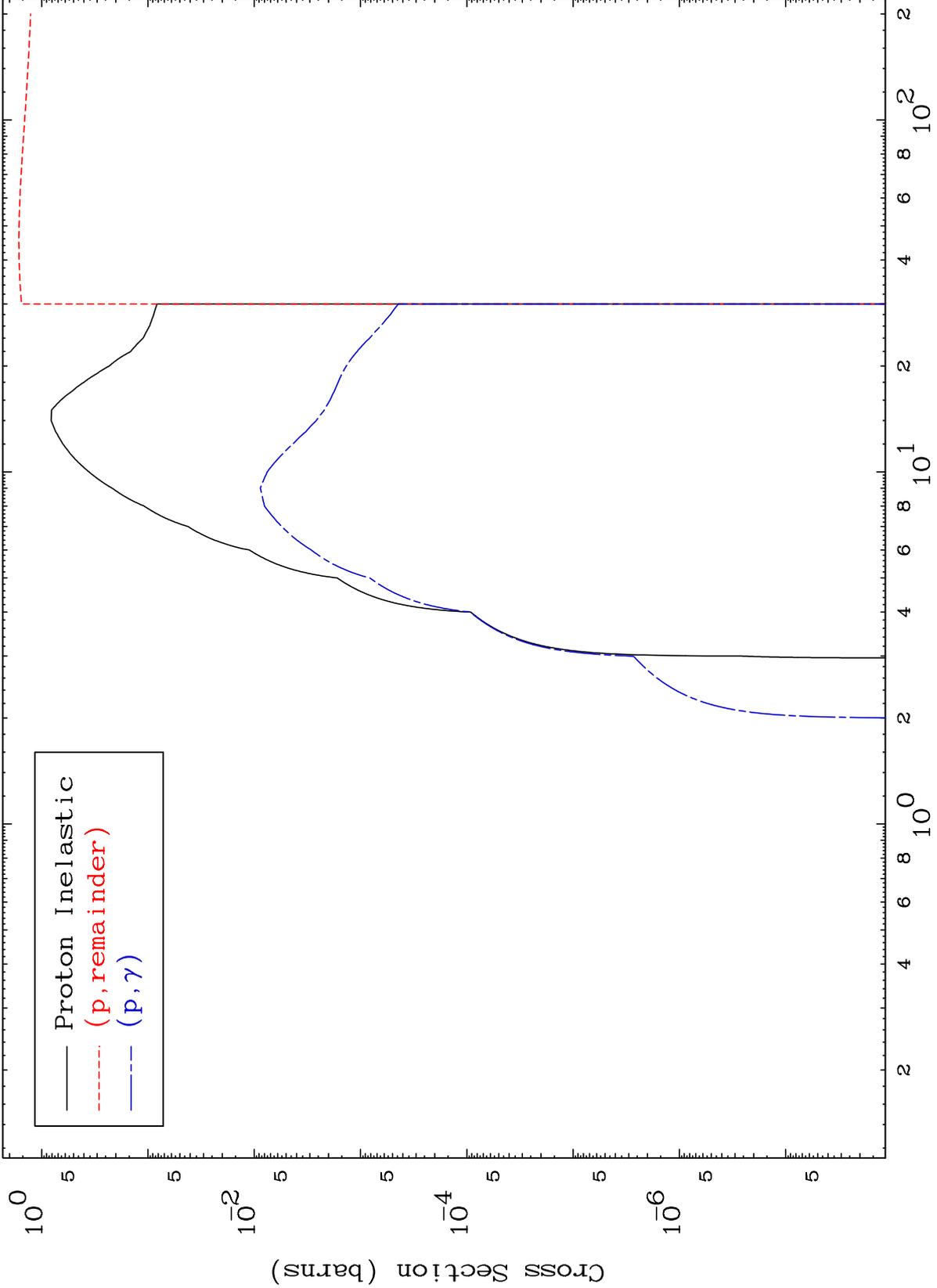
Press Mouse Button to Start

MAT 6134

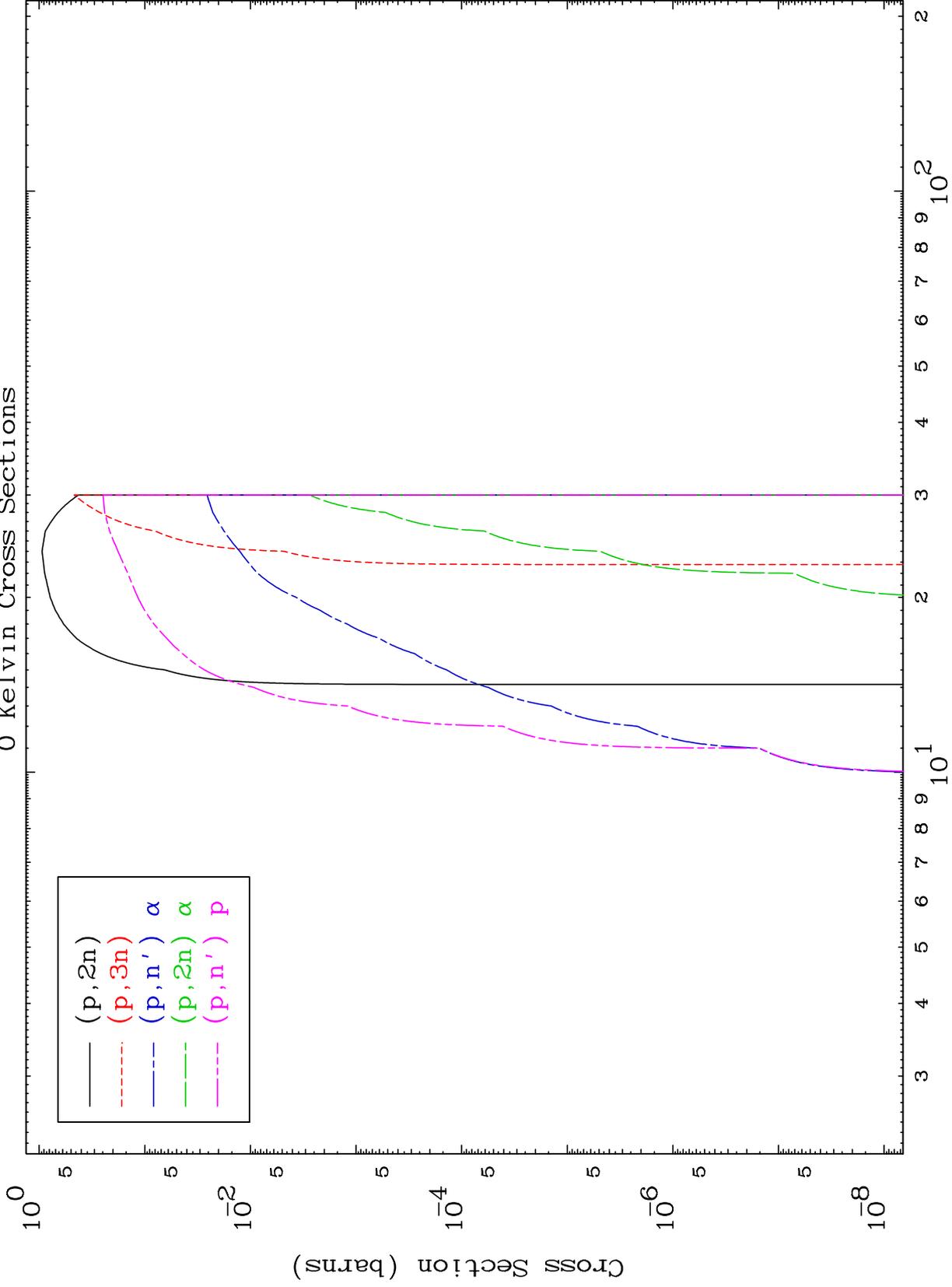
Proton Major

61-Pm-142

0 Kelvin Cross Sections



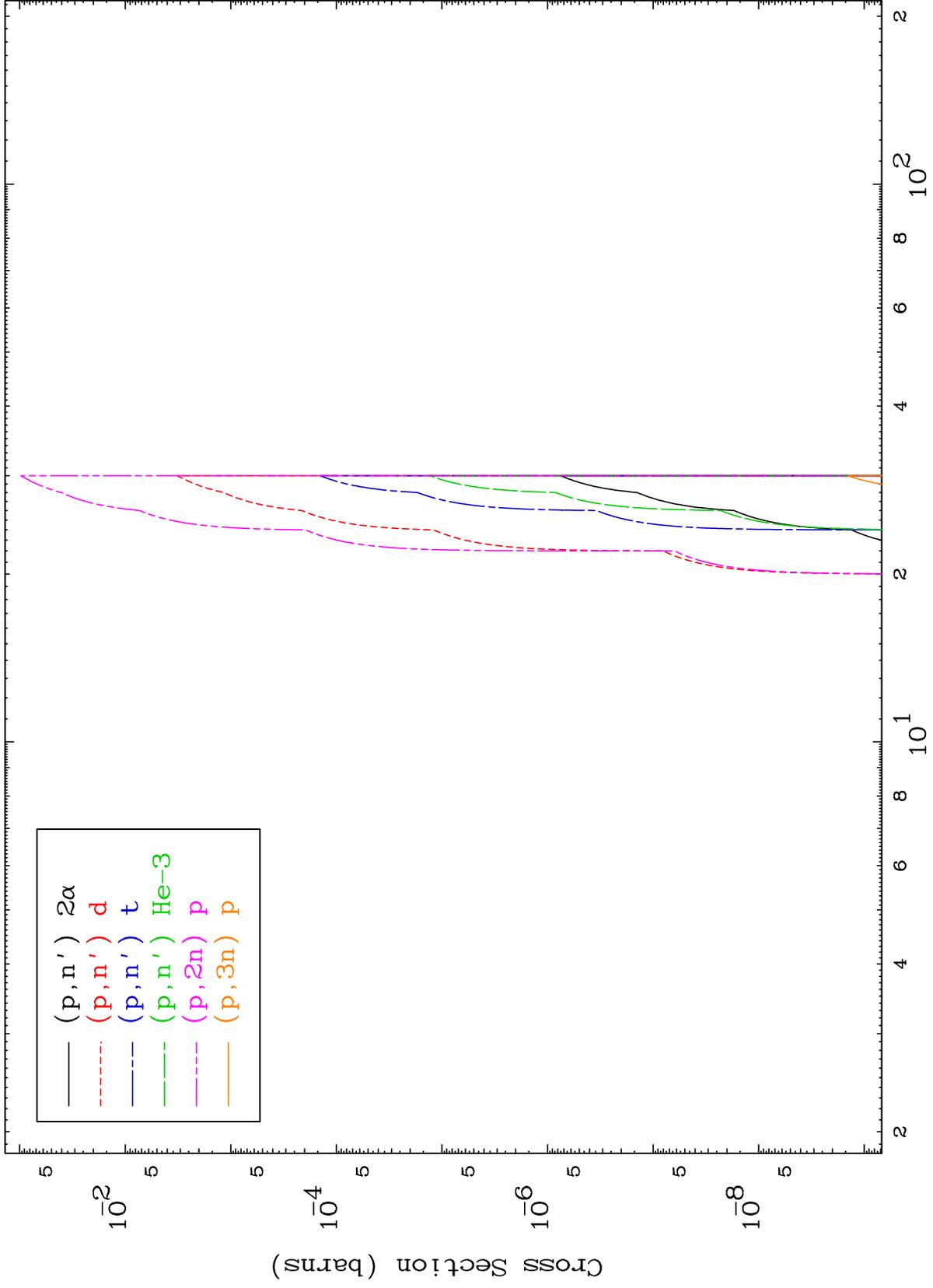
— Proton Inelastic  
- - - (p, remainder)  
- · - (p, γ)



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Proton Neutron Production  
0 Kelvin Cross Sections

61-Pm-142



3

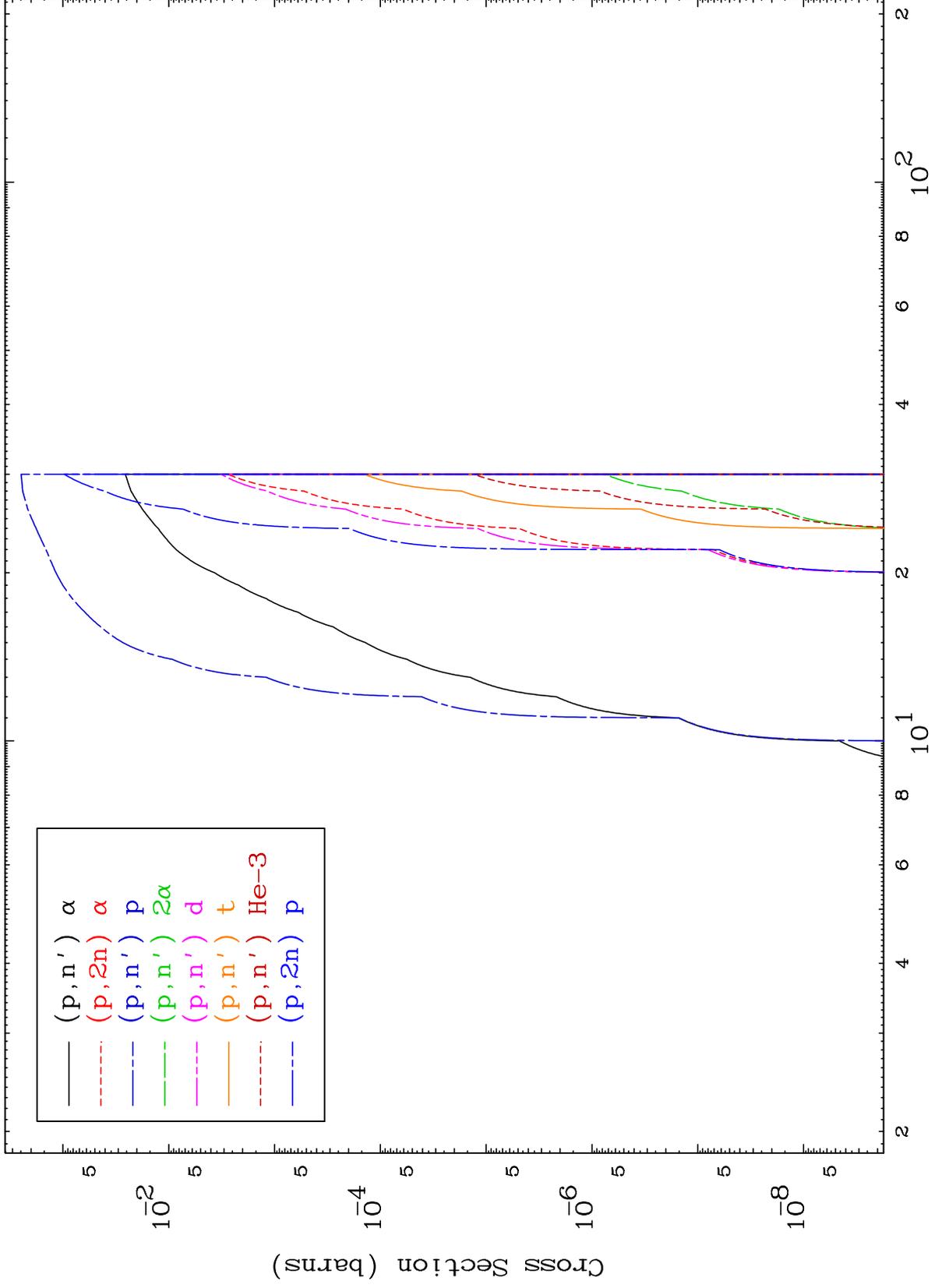
Incident Energy (MeV)

61-Pm-142

MAT 6134

Proton Charged Particle  
0 Kelvin Cross Sections

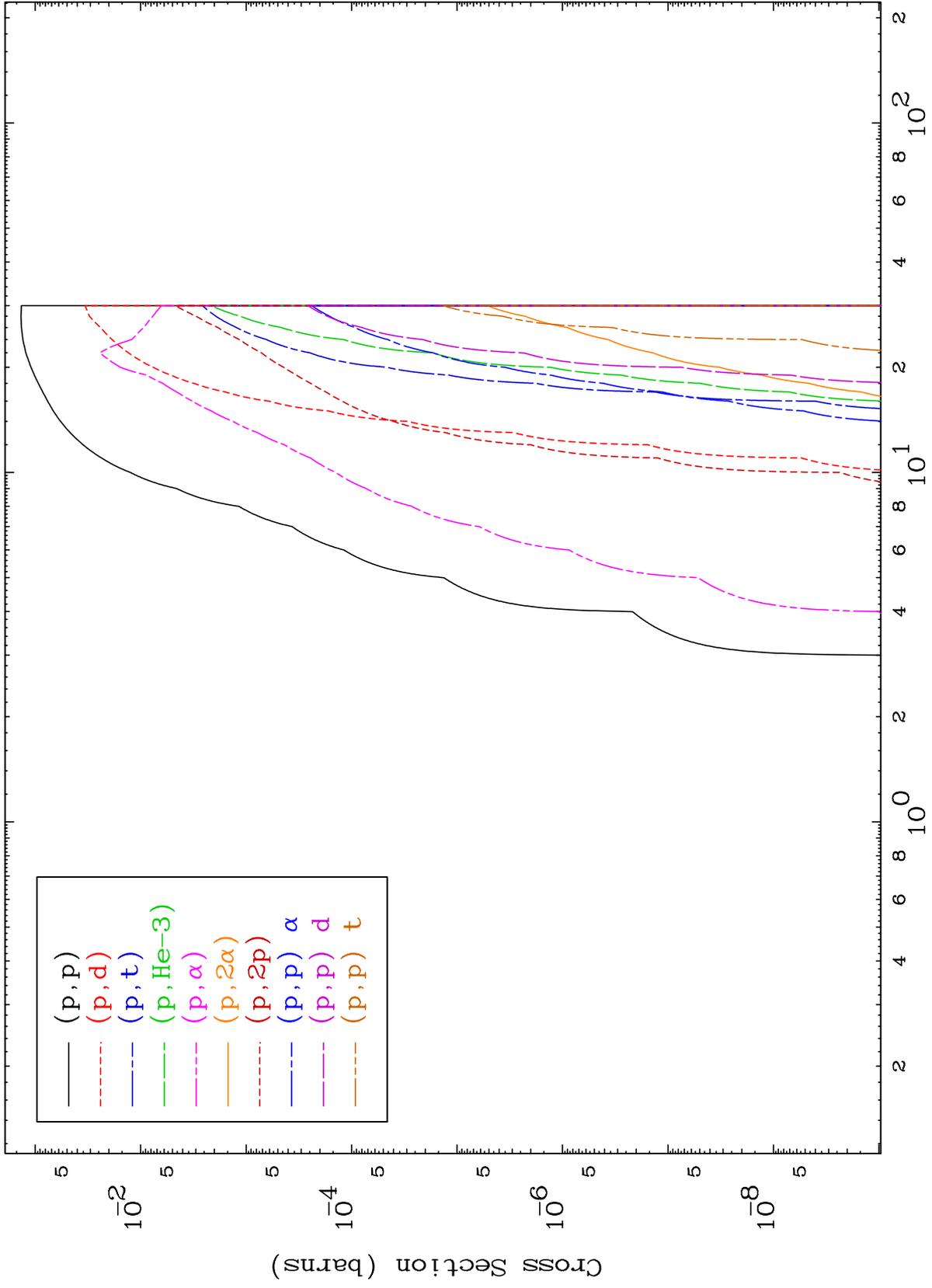
61-Pm-142



4

Incident Energy (MeV)

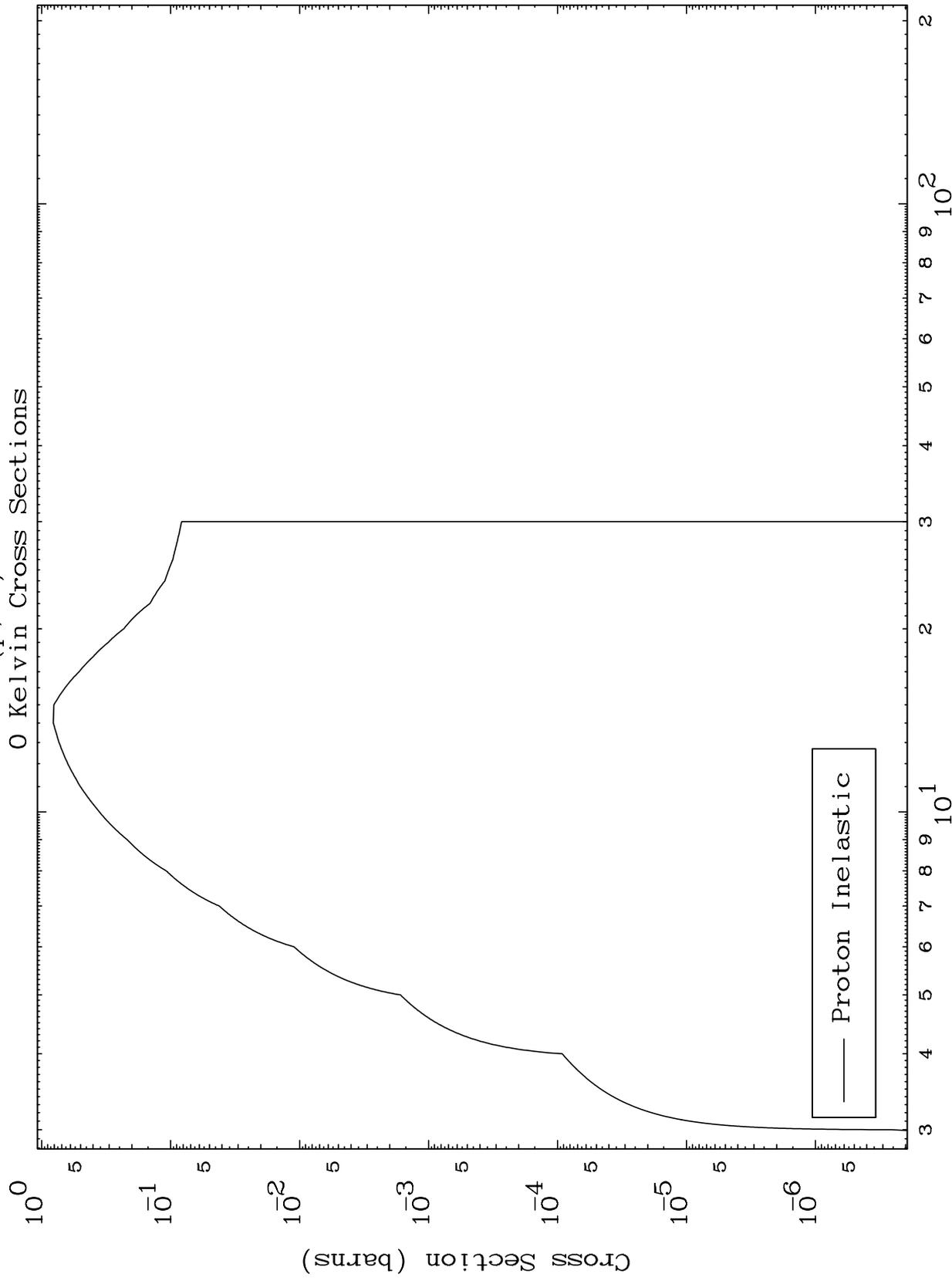
61-Pm-142



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(p,n') Level

61-Pm-142



61-Pm-142

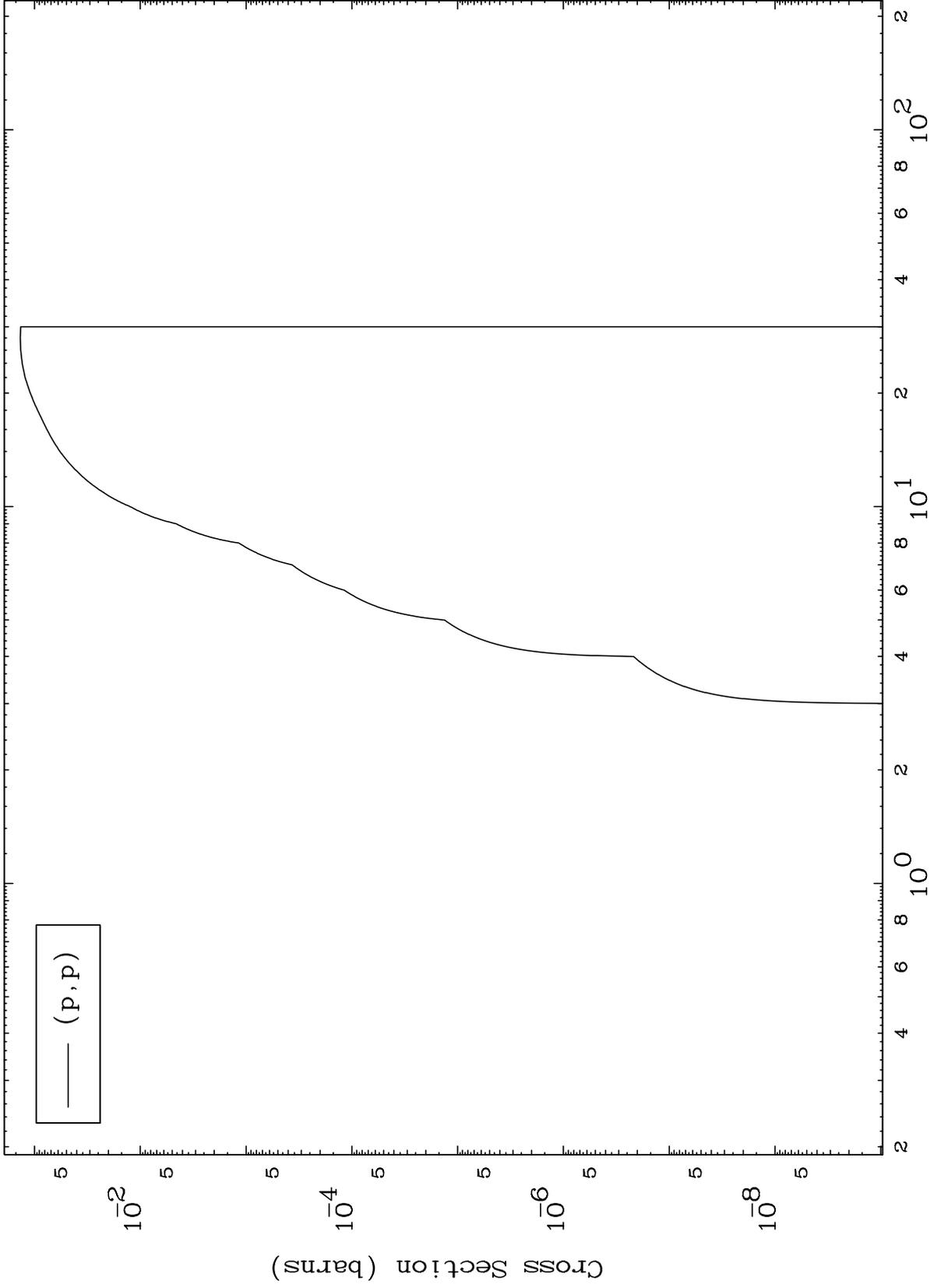
61-Pm-142

6

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(p,p) Levels  
0 Kelvin Cross Sections

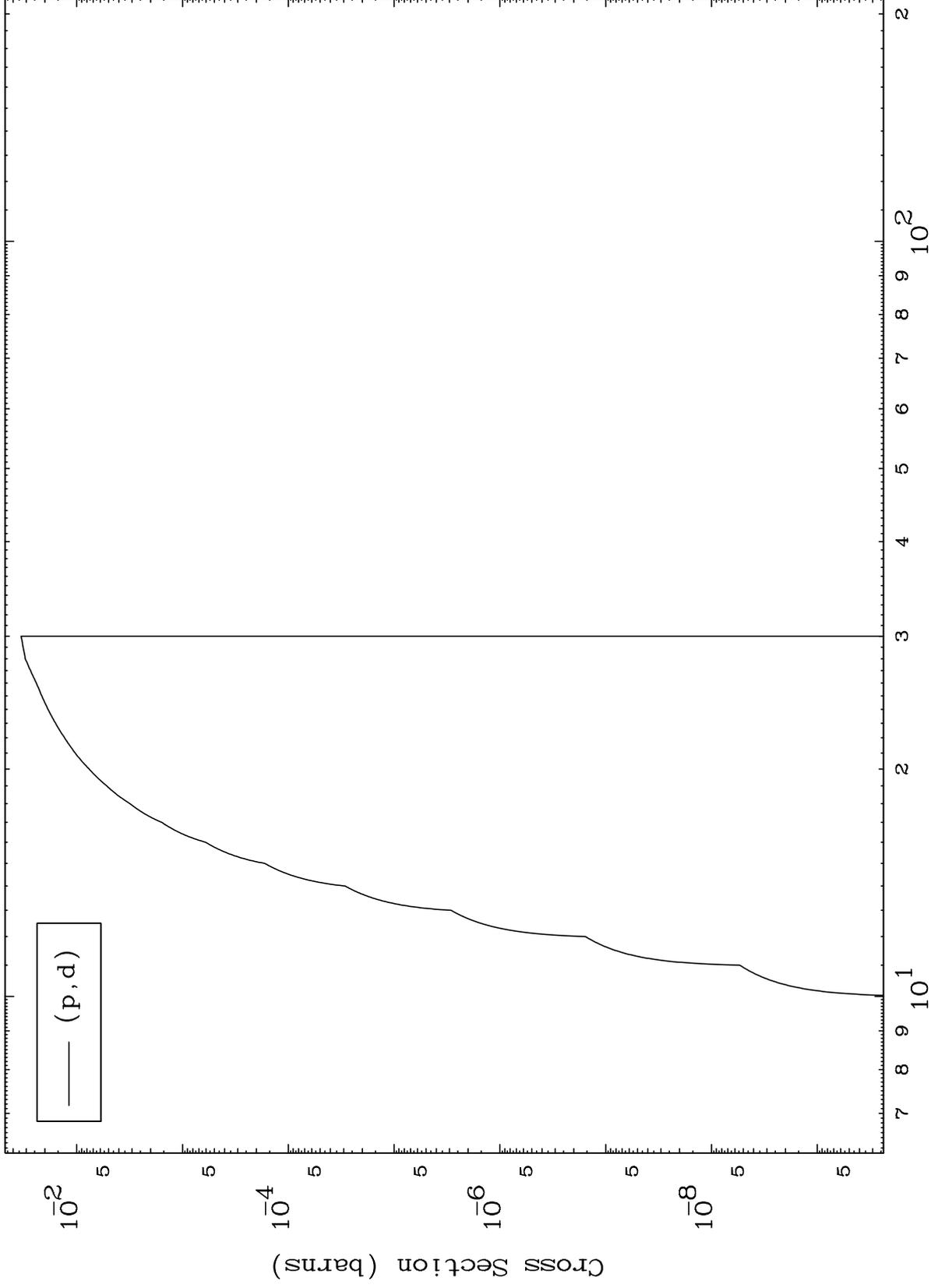
61-Pm-142



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(p,d) Levels  
0 Kelvin Cross Sections

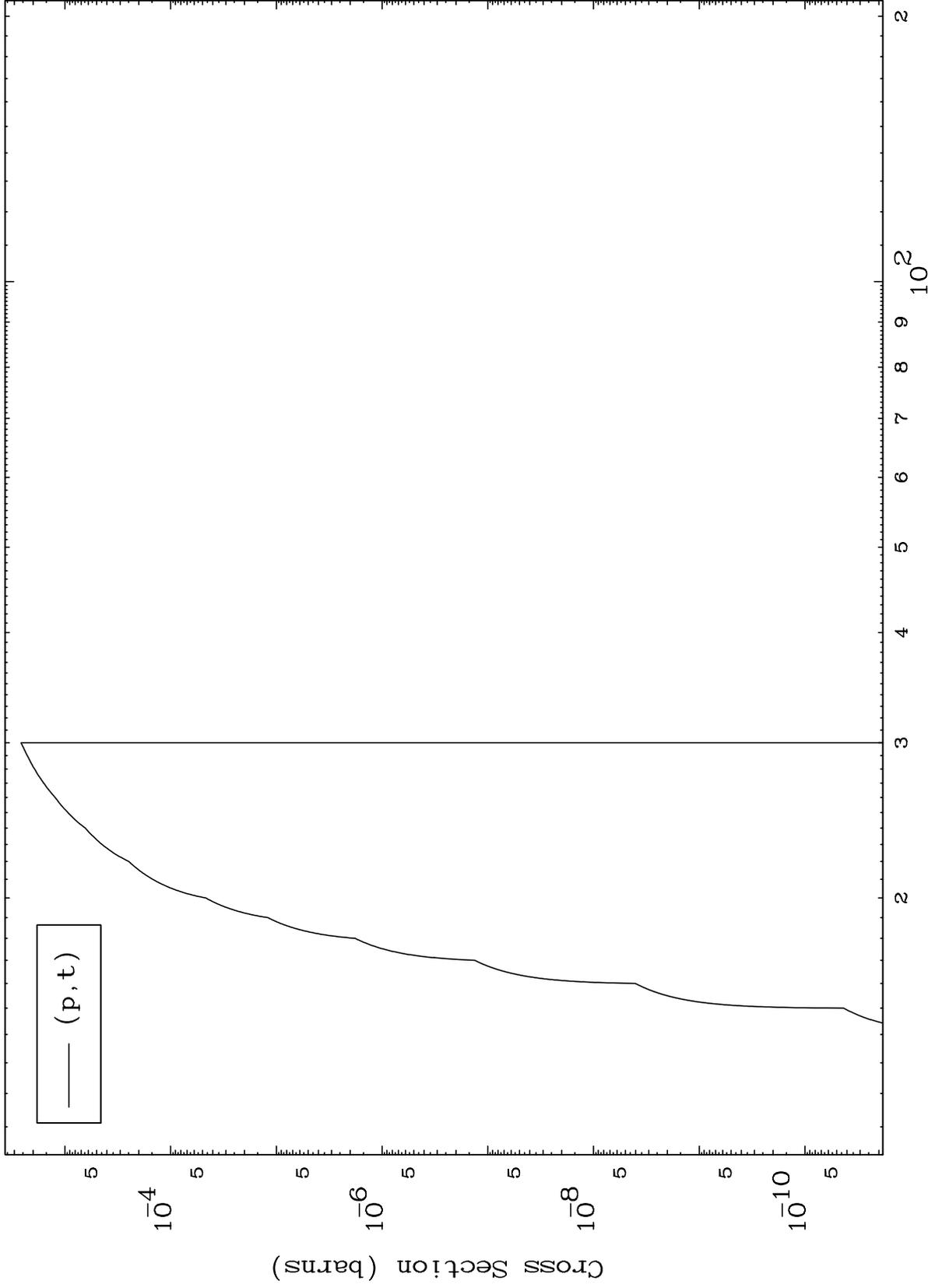
61-Pm-142



8

Incident Energy (MeV)

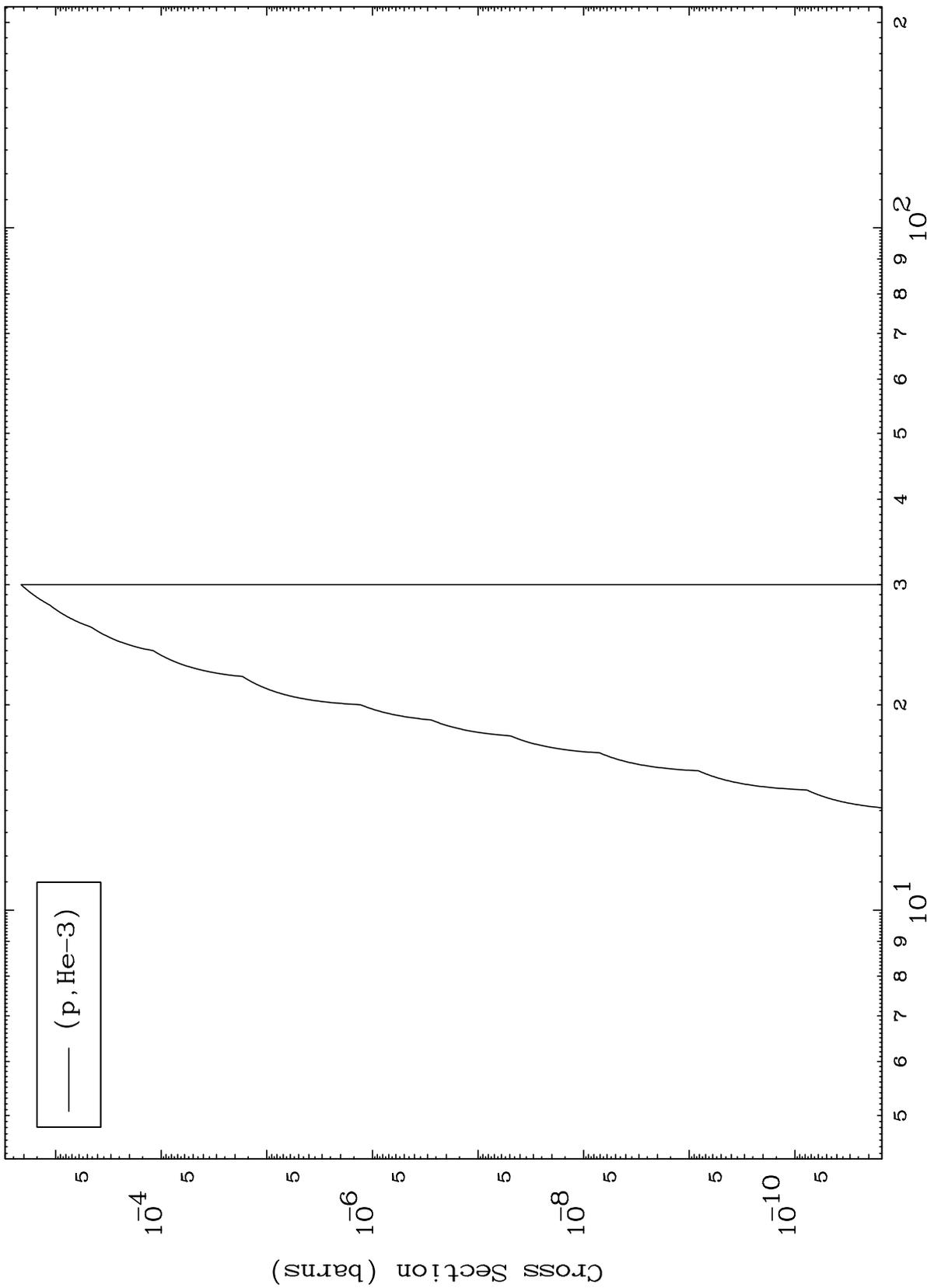
61-Pm-142



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(p,He3) Levels  
0 Kelvin Cross Sections

61-Pm-142



10

Incident Energy (MeV)

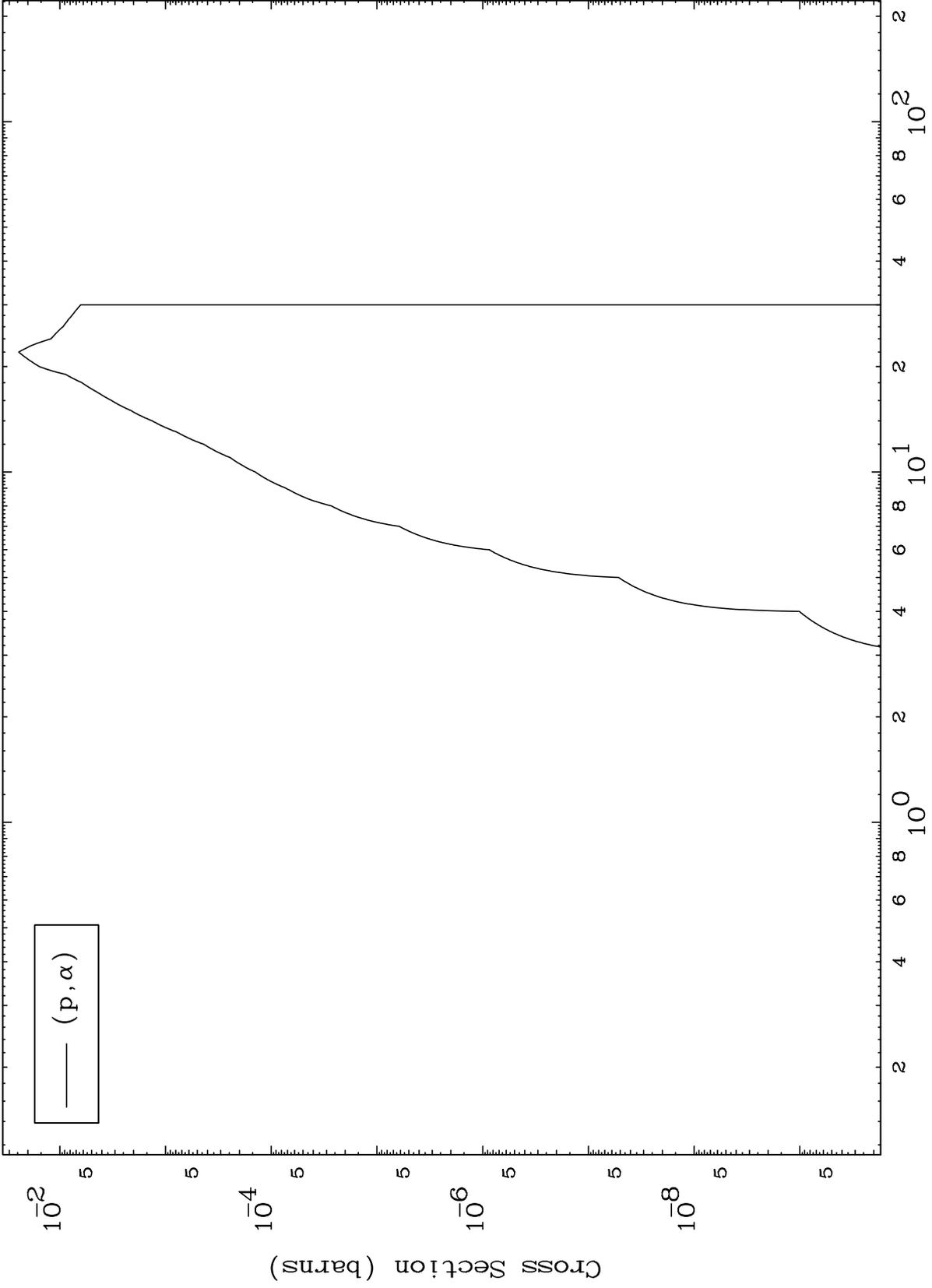
61-Pm-142

MAT 6134

(p,  $\alpha$ ) Levels

61-Pm-142

0 Kelvin Cross Sections

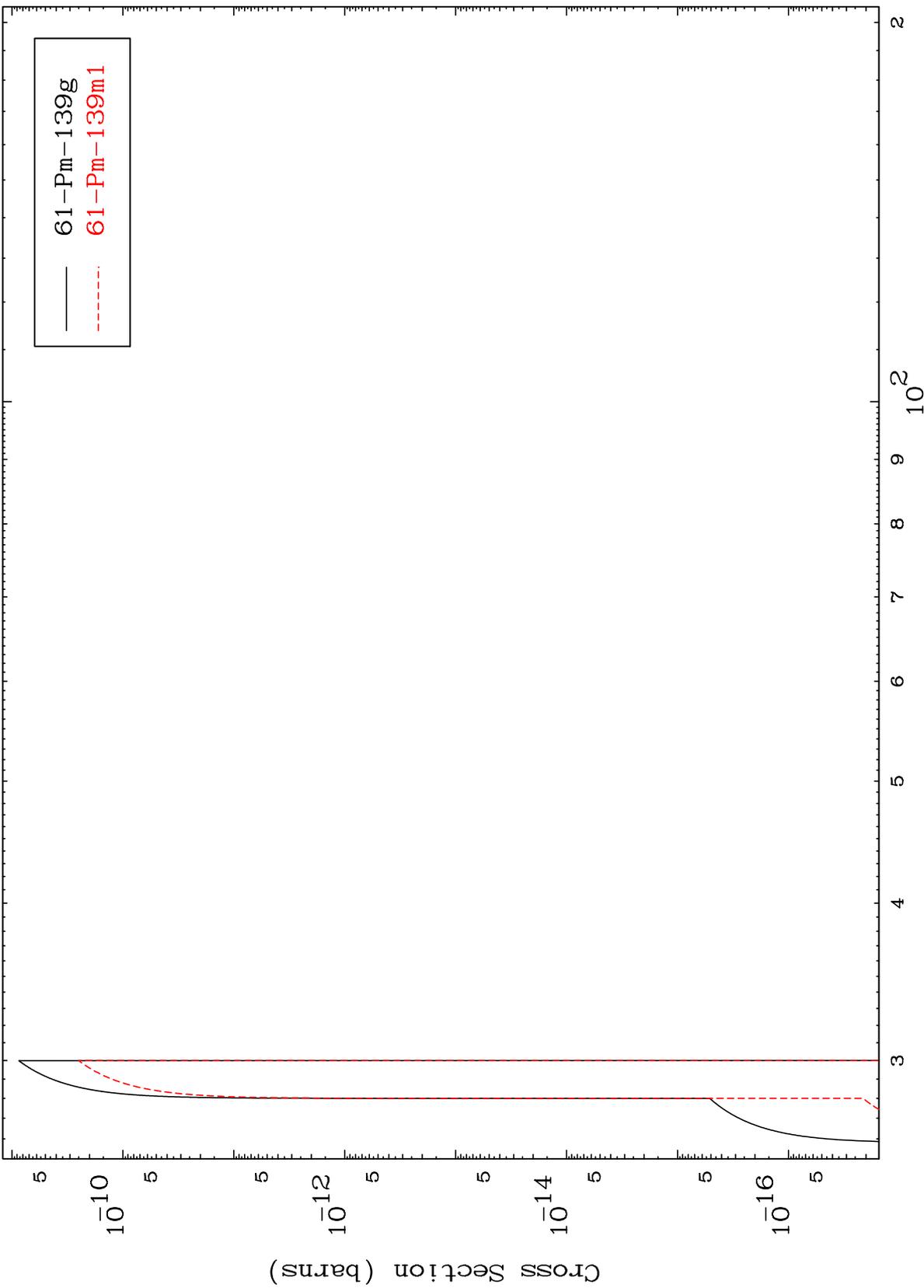


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(p,2n) d

61-Pm-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

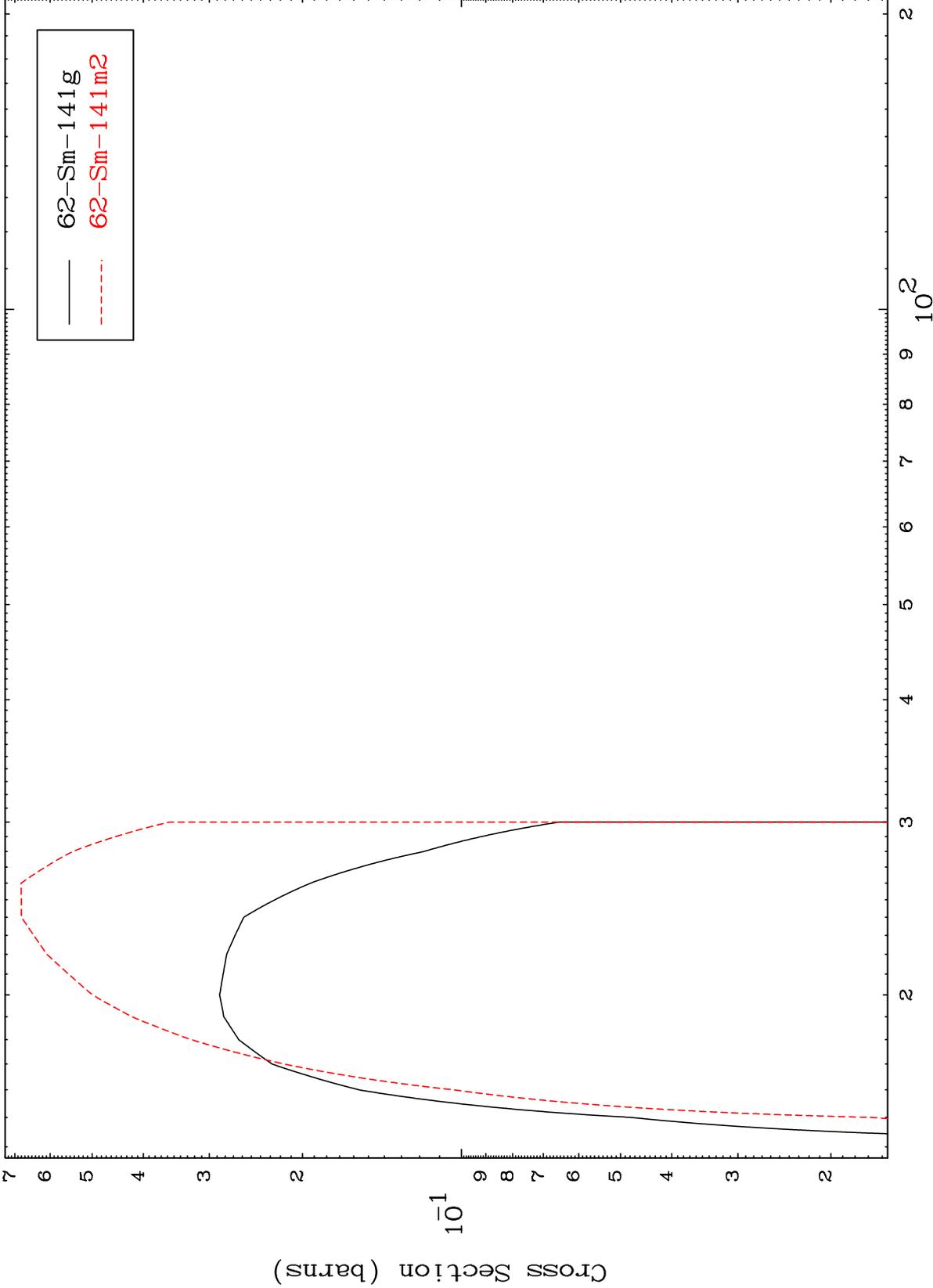
61-Pm-142

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(p,2n)

61-Pm-142

Radionuclide Production Cross Section



62-Sm-141g  
62-Sm-141m2

13

Incident Energy (MeV)

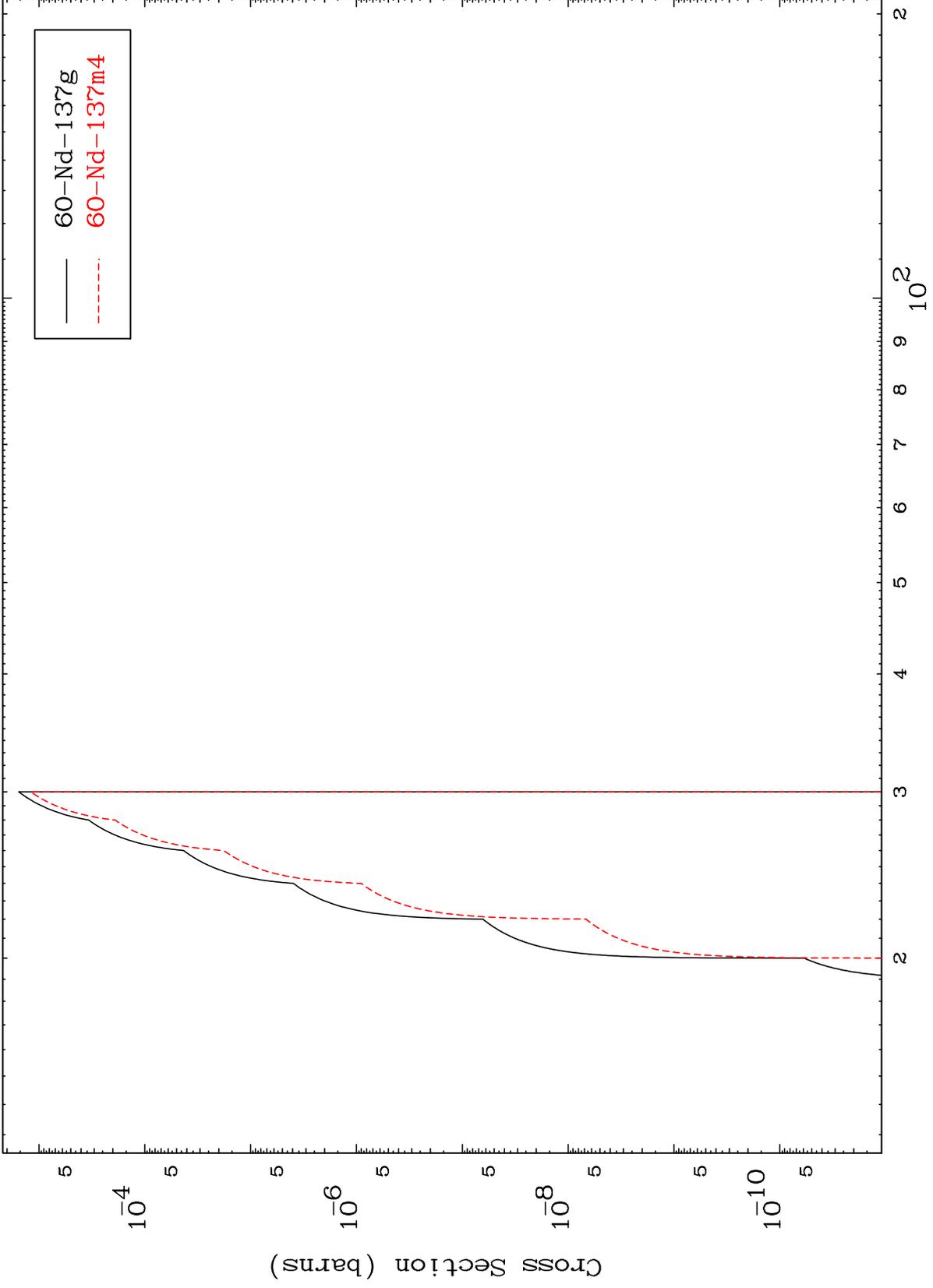
61-Pm-142

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(p,2n)  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

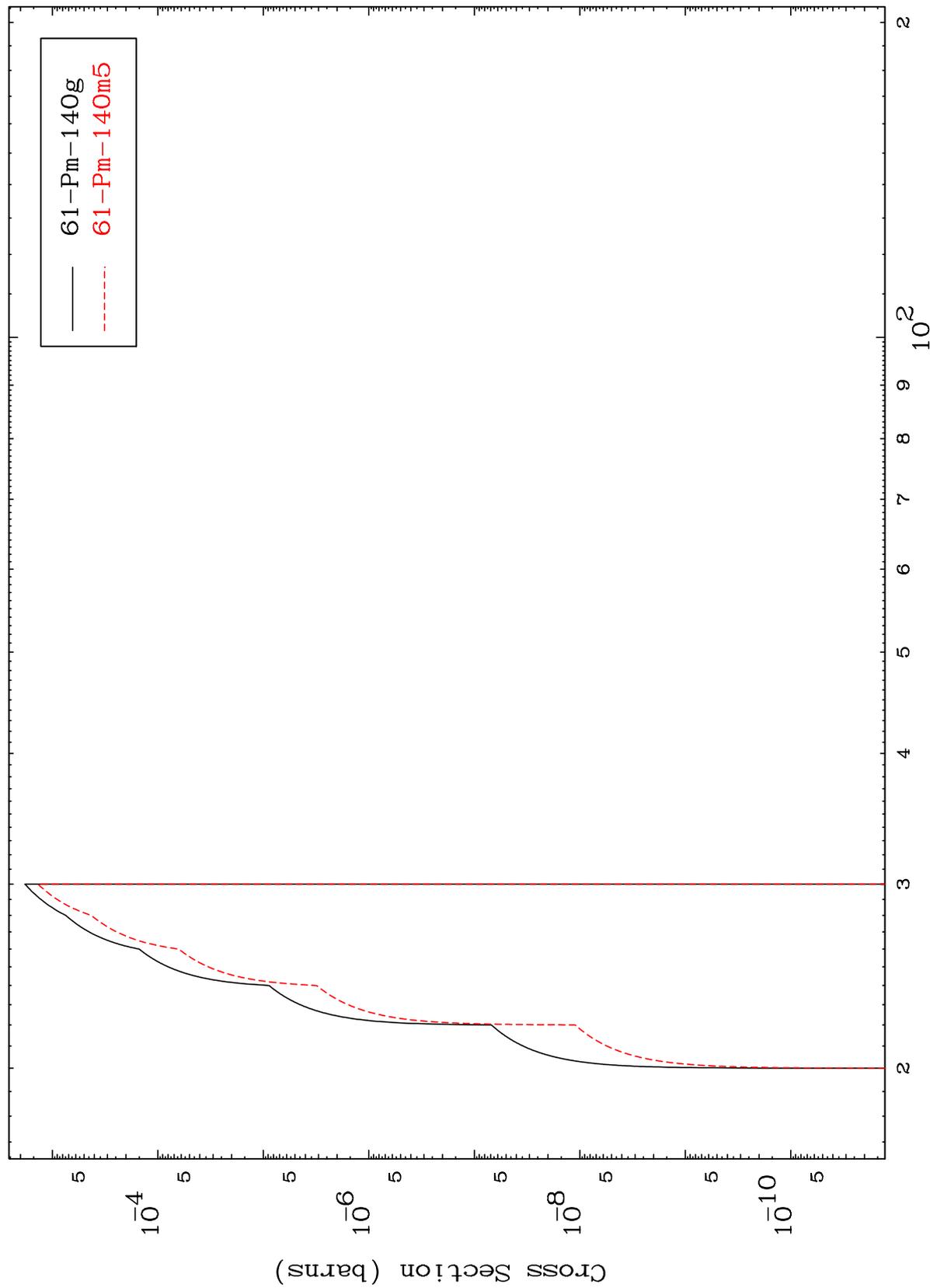
61-Pm-142

MAT 6134

(p,n) d

61-Pm-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

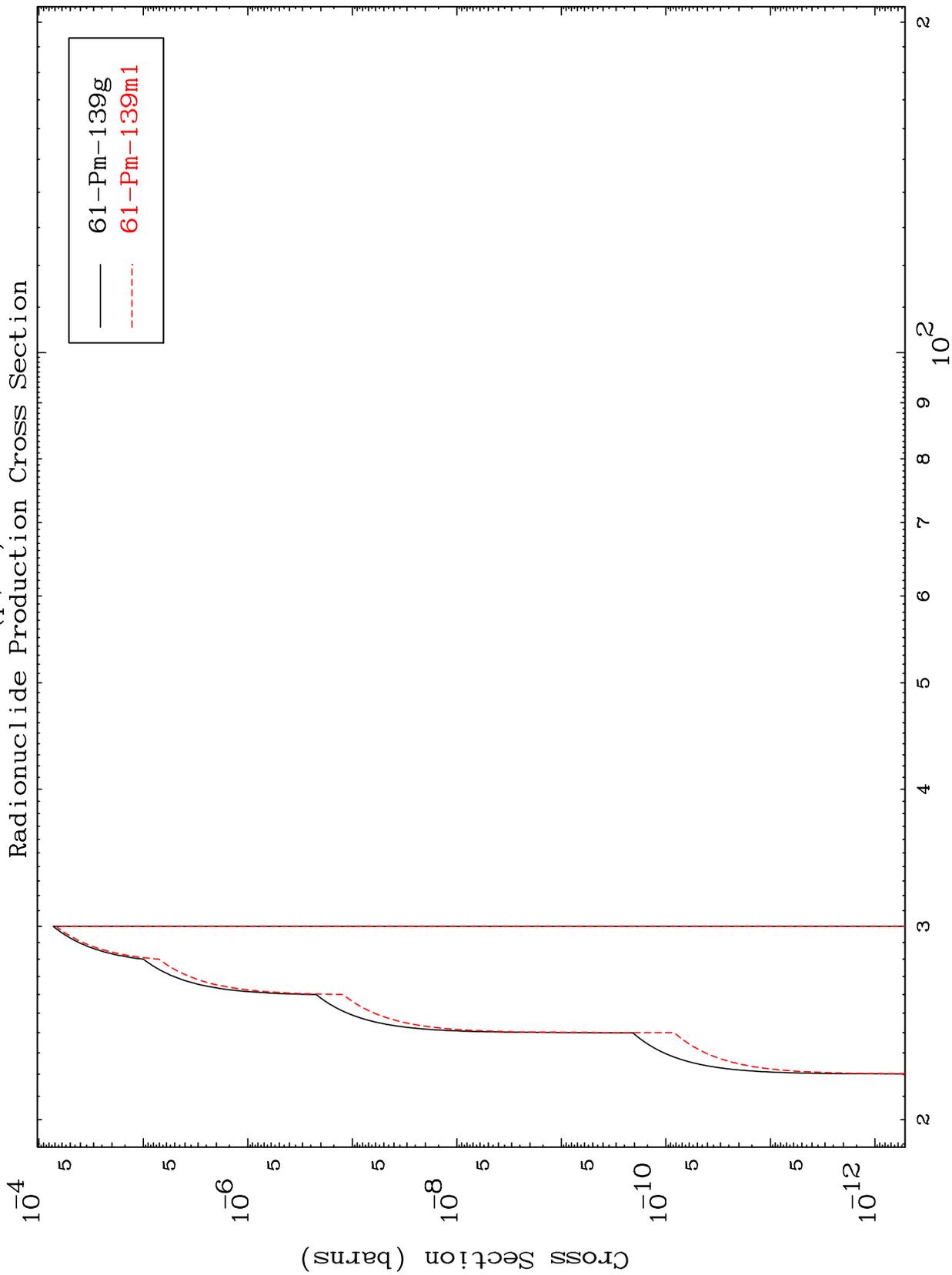
61-Pm-142

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(p,n') t

61-Pm-142

Radionuclide Production Cross Section

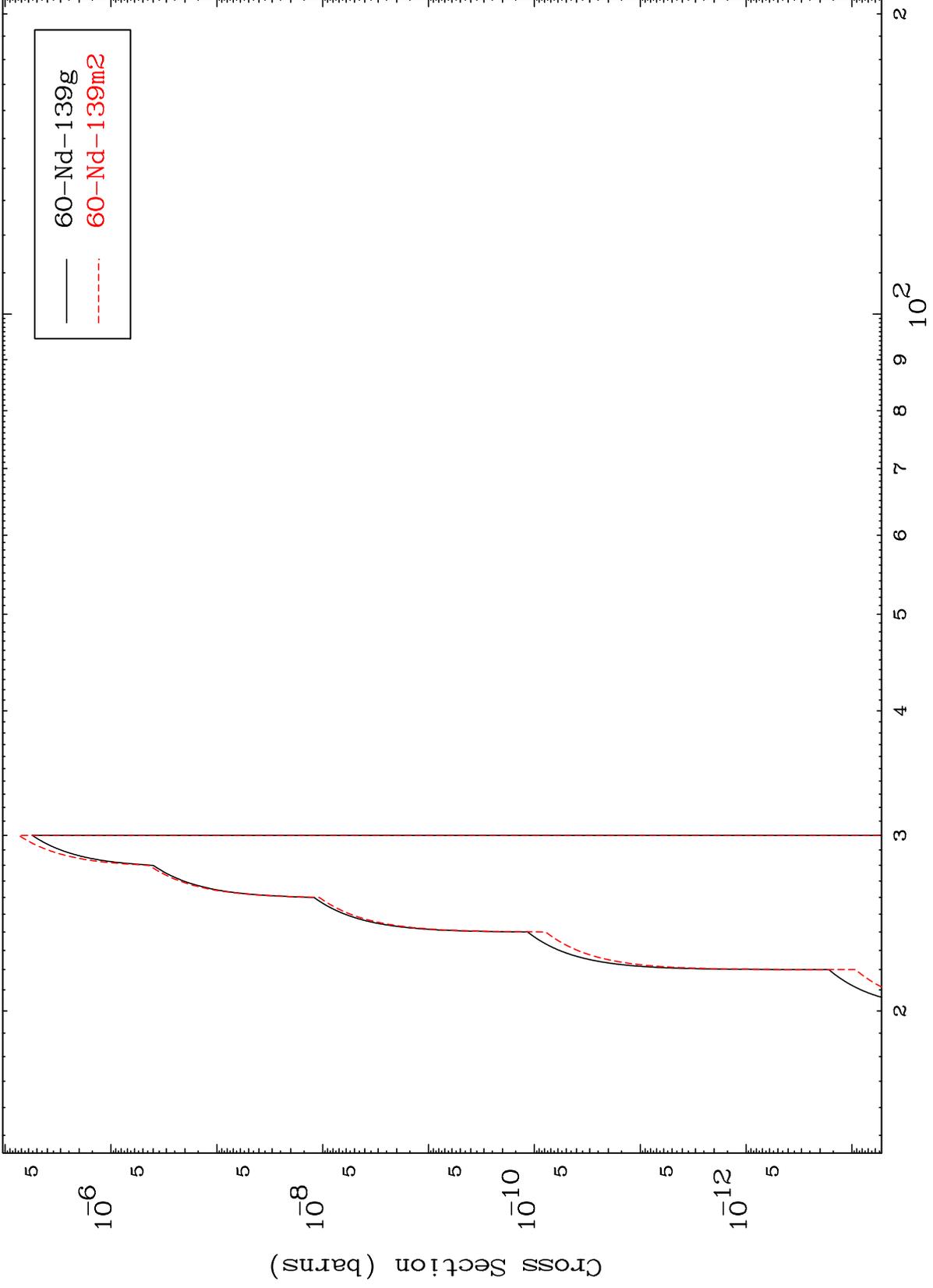


16

Incident Energy (MeV)

61-Pm-142

Radionuclide Production Cross Section

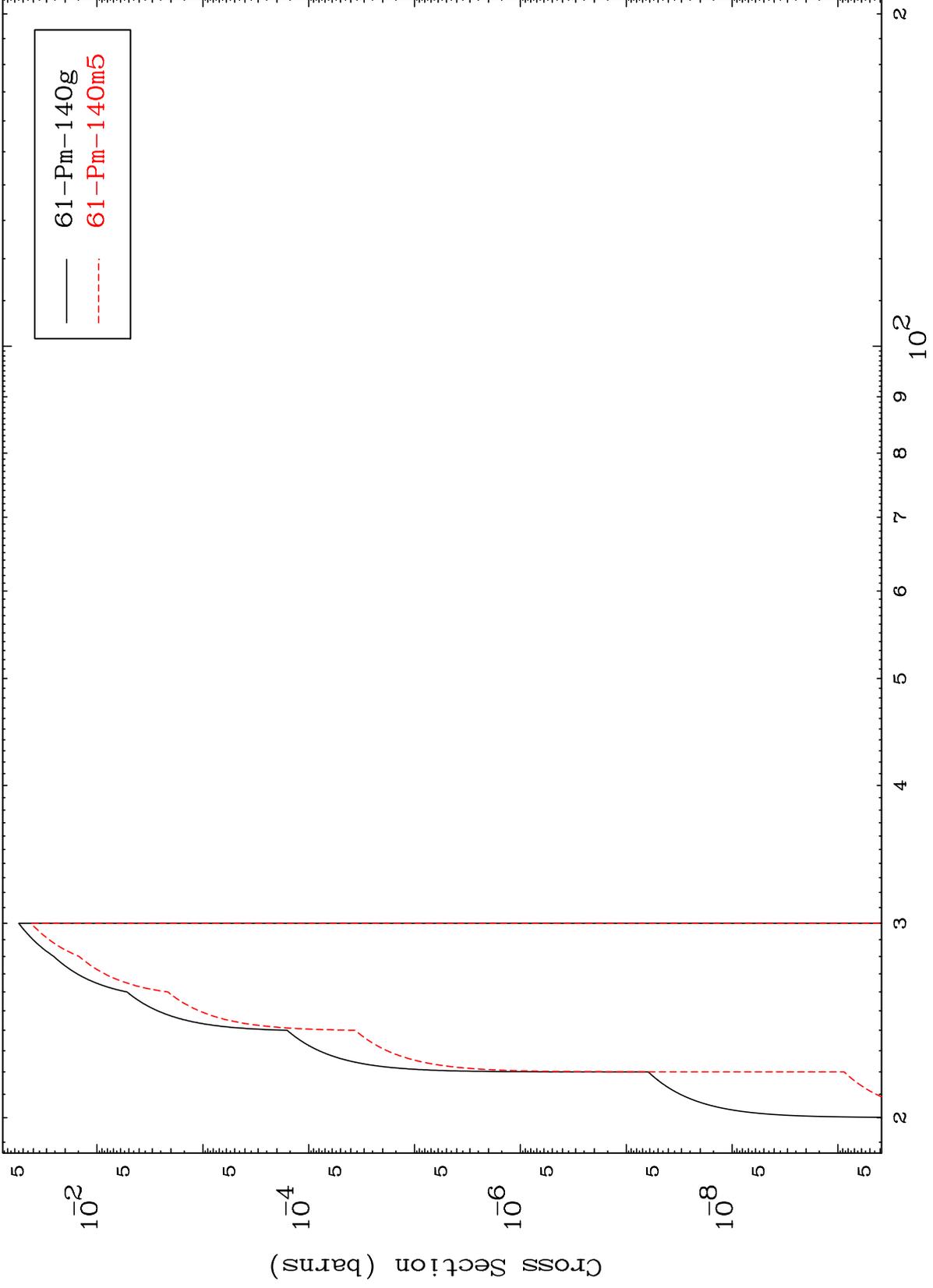


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(p,2n) p

61-Pm-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

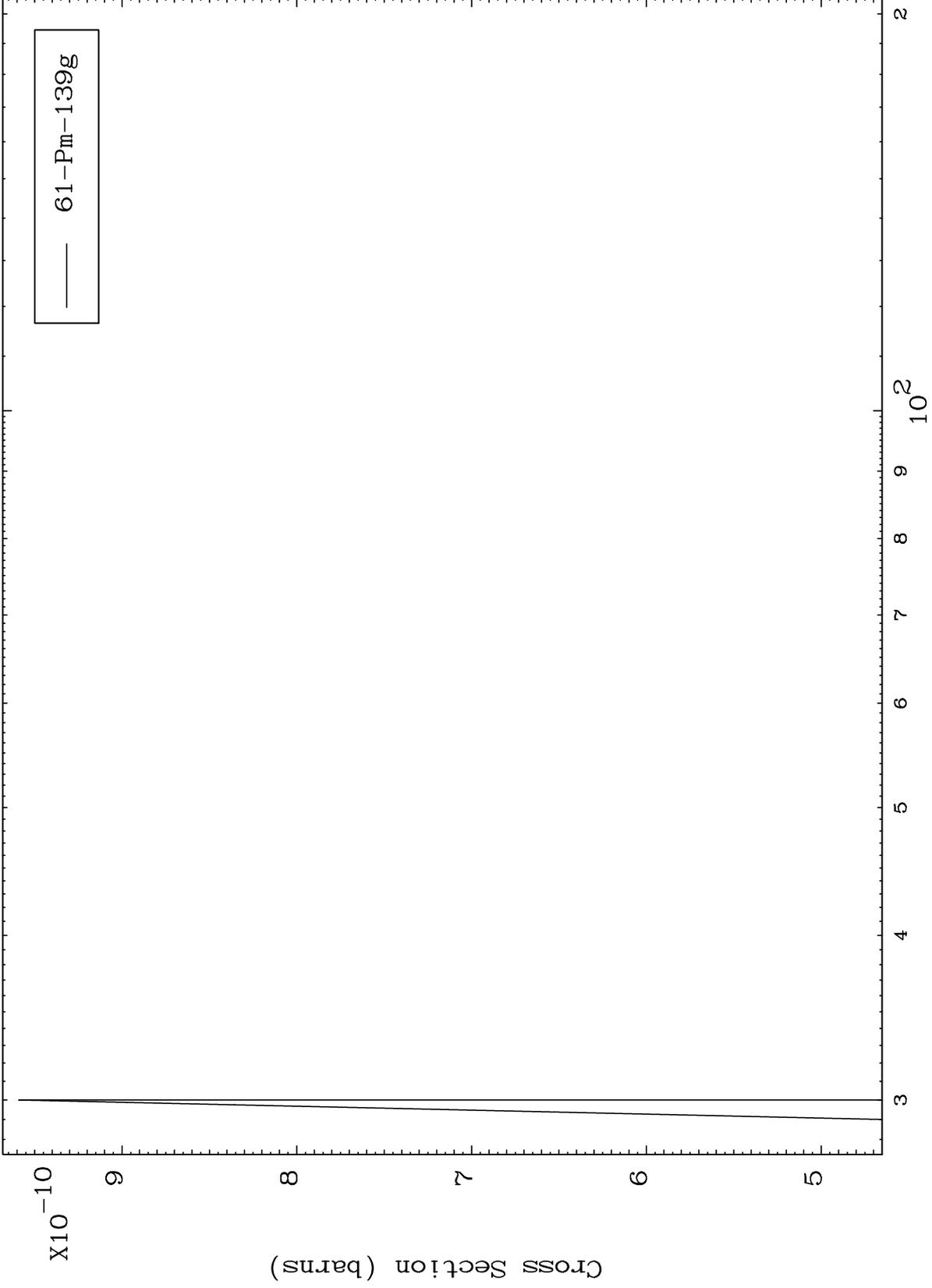
61-Pm-142

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(p,3n) p

61-Pm-142

Radionuclide Production Cross Section



19

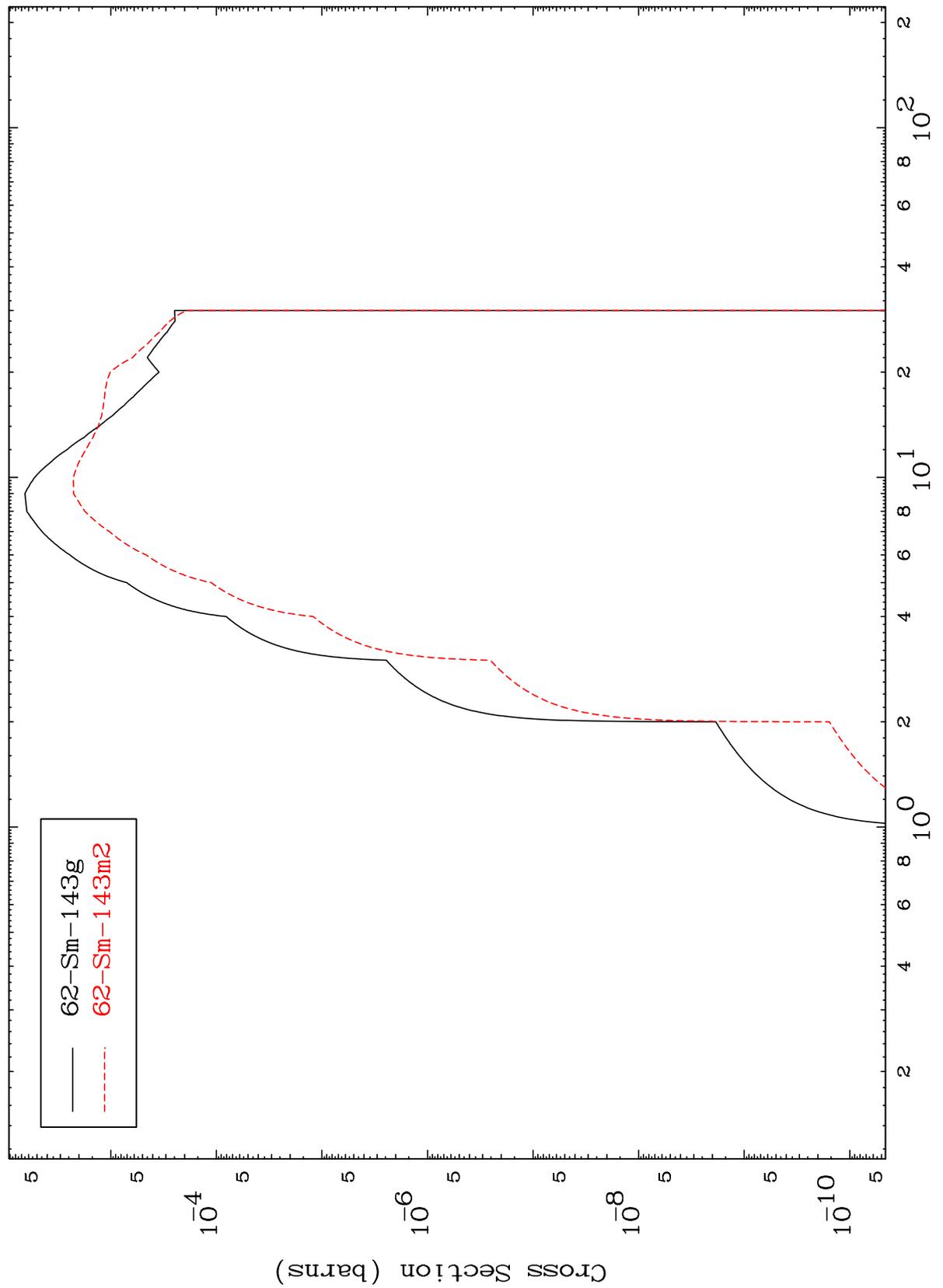
Incident Energy (MeV)

61-Pm-142

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61-Pm-142

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

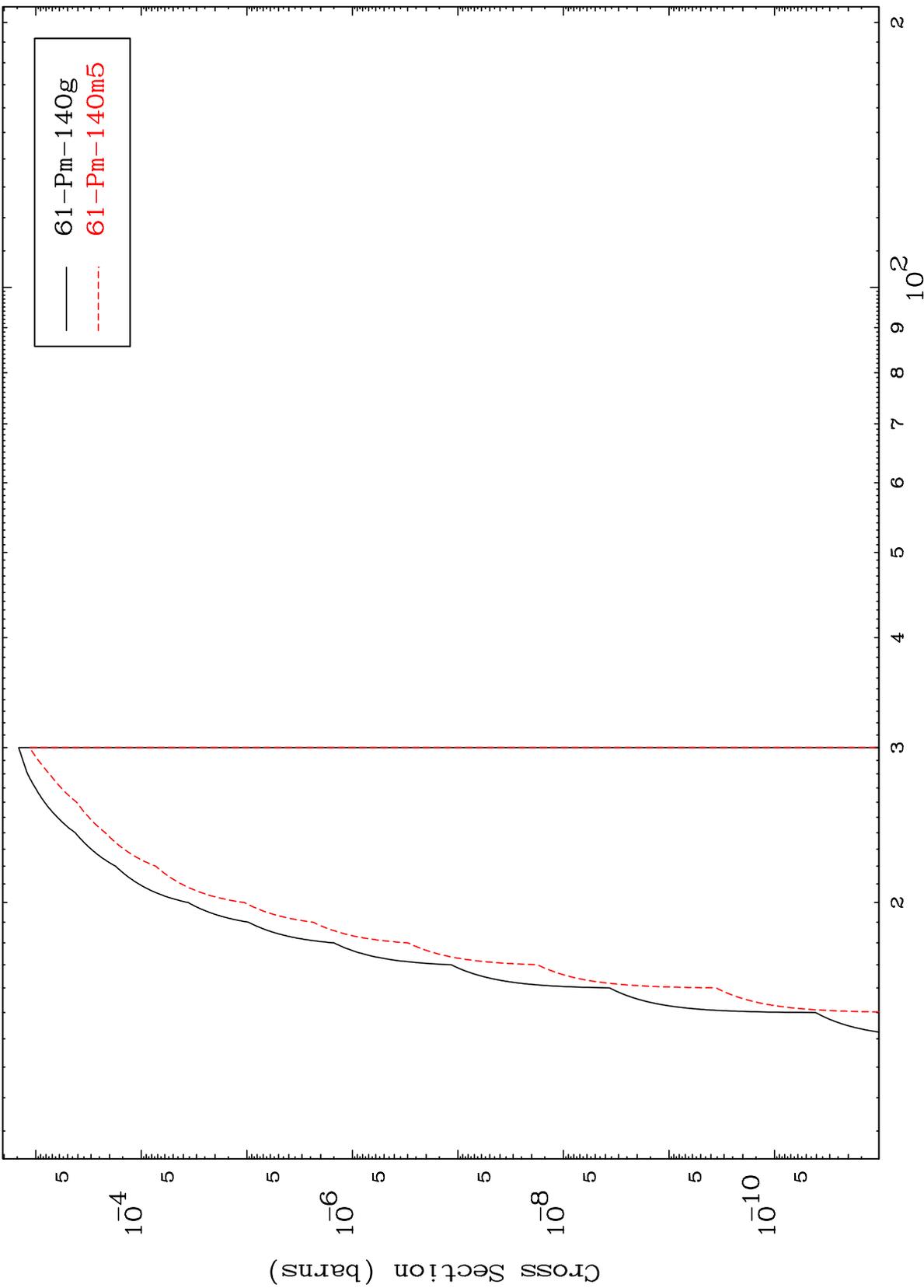


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(p, t)

61-Pm-142

Radionuclide Production Cross Section

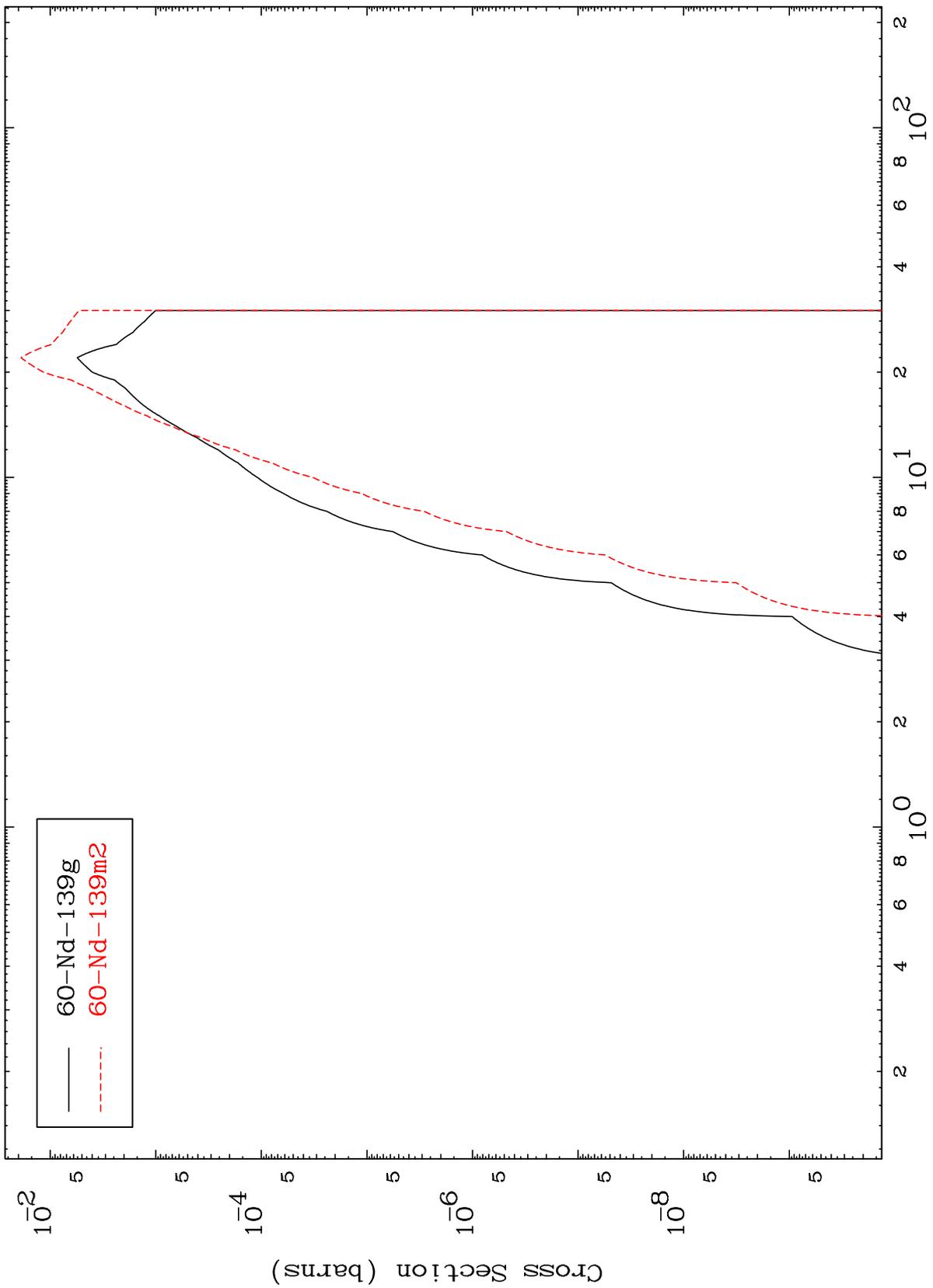


61-Pm-140g  
61-Pm-140m5

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61-Pm-142

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



61-Pm-142

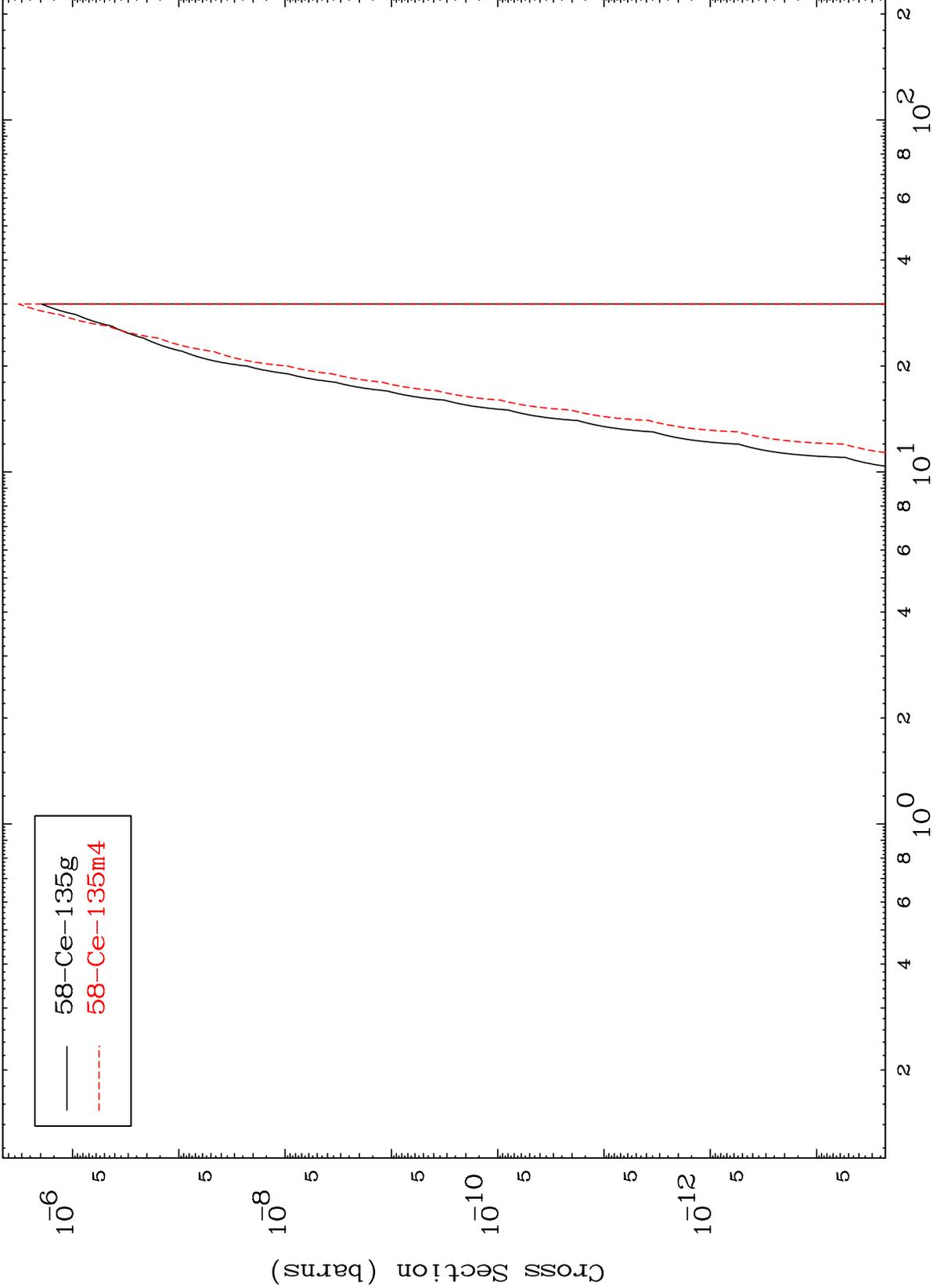
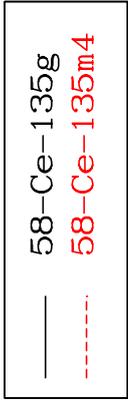
Incident Energy (MeV)

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(p,2 $\alpha$ )

61-Pm-142

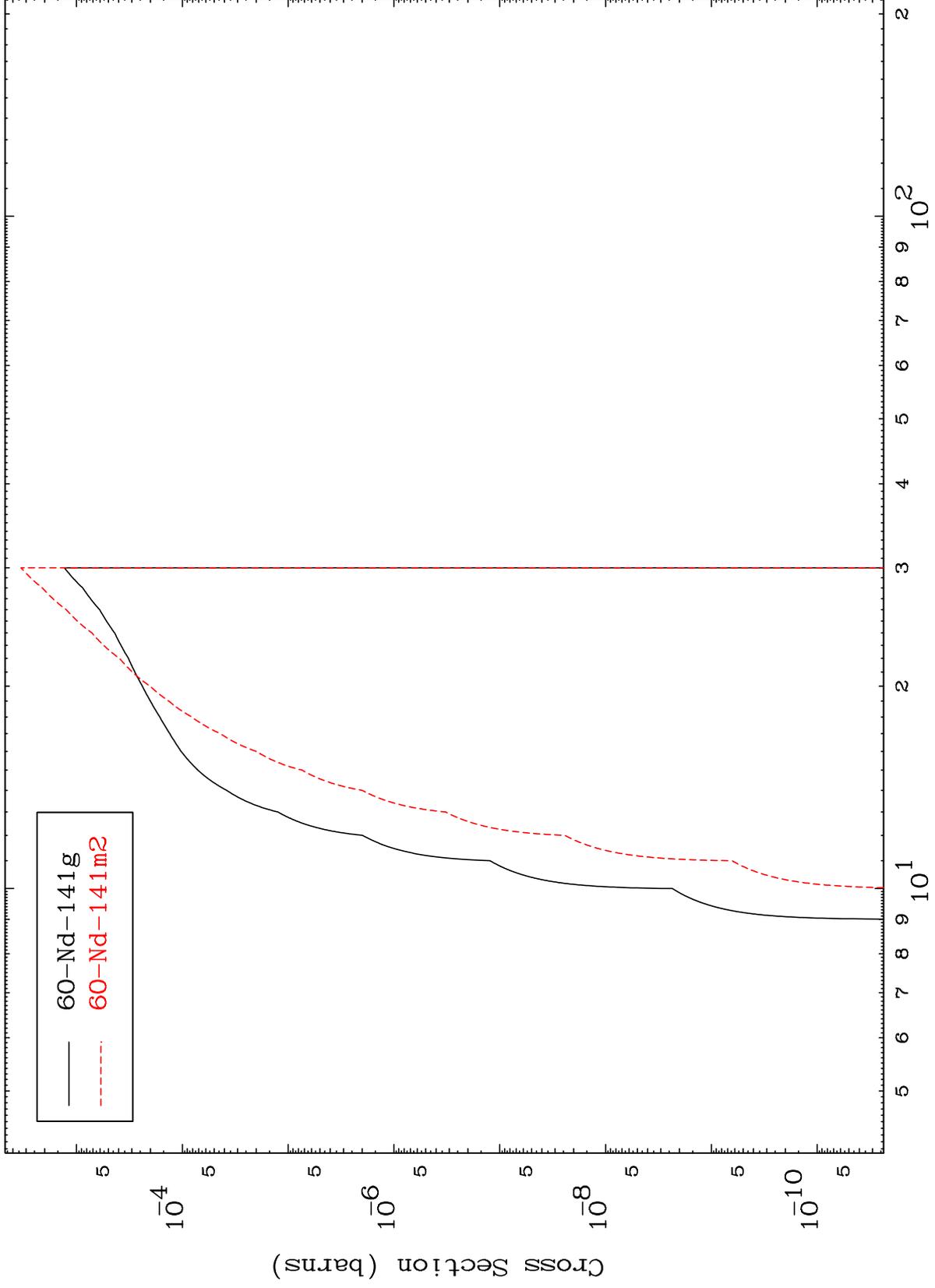
Radionuclide Production Cross Section



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61-Pm-142

(p,2p)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

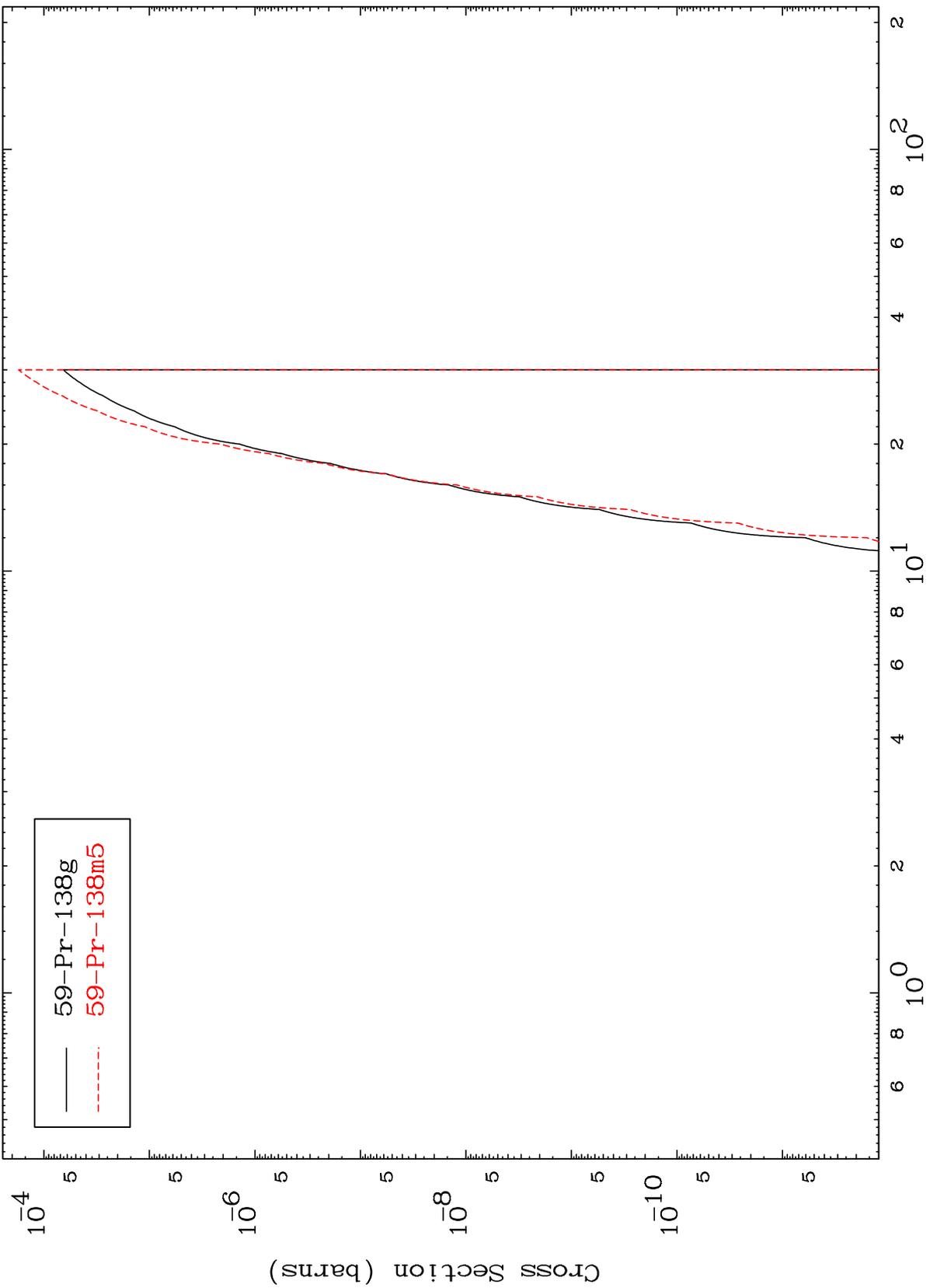
61-Pm-142

MAT 6134

(p,p)  $\alpha$

61-Pm-142

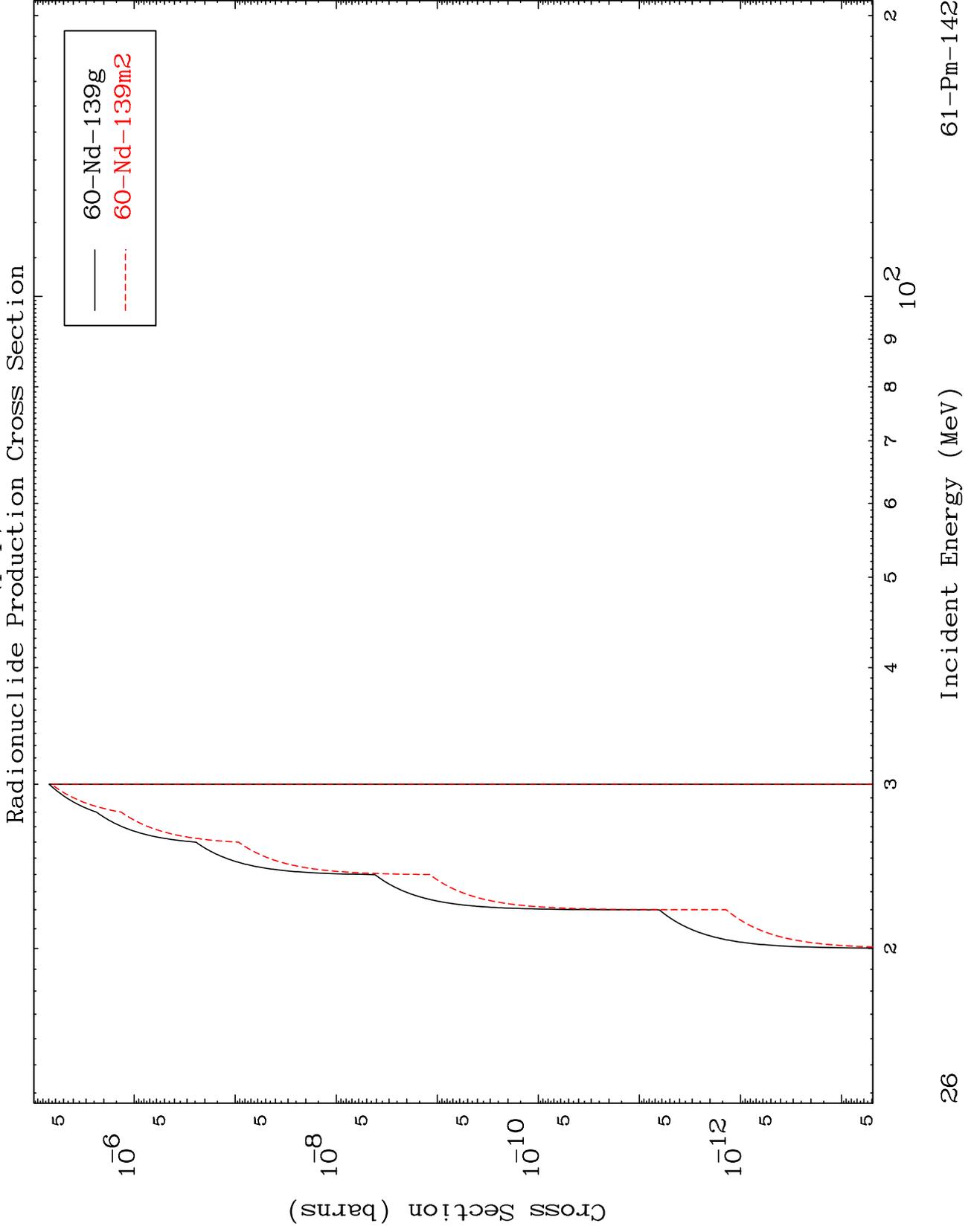
Radionuclide Production Cross Section



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(p,p) t

61-Pm-142



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61-Pm-142