

Program EVALPLOT  
(Version 2021-1)

by

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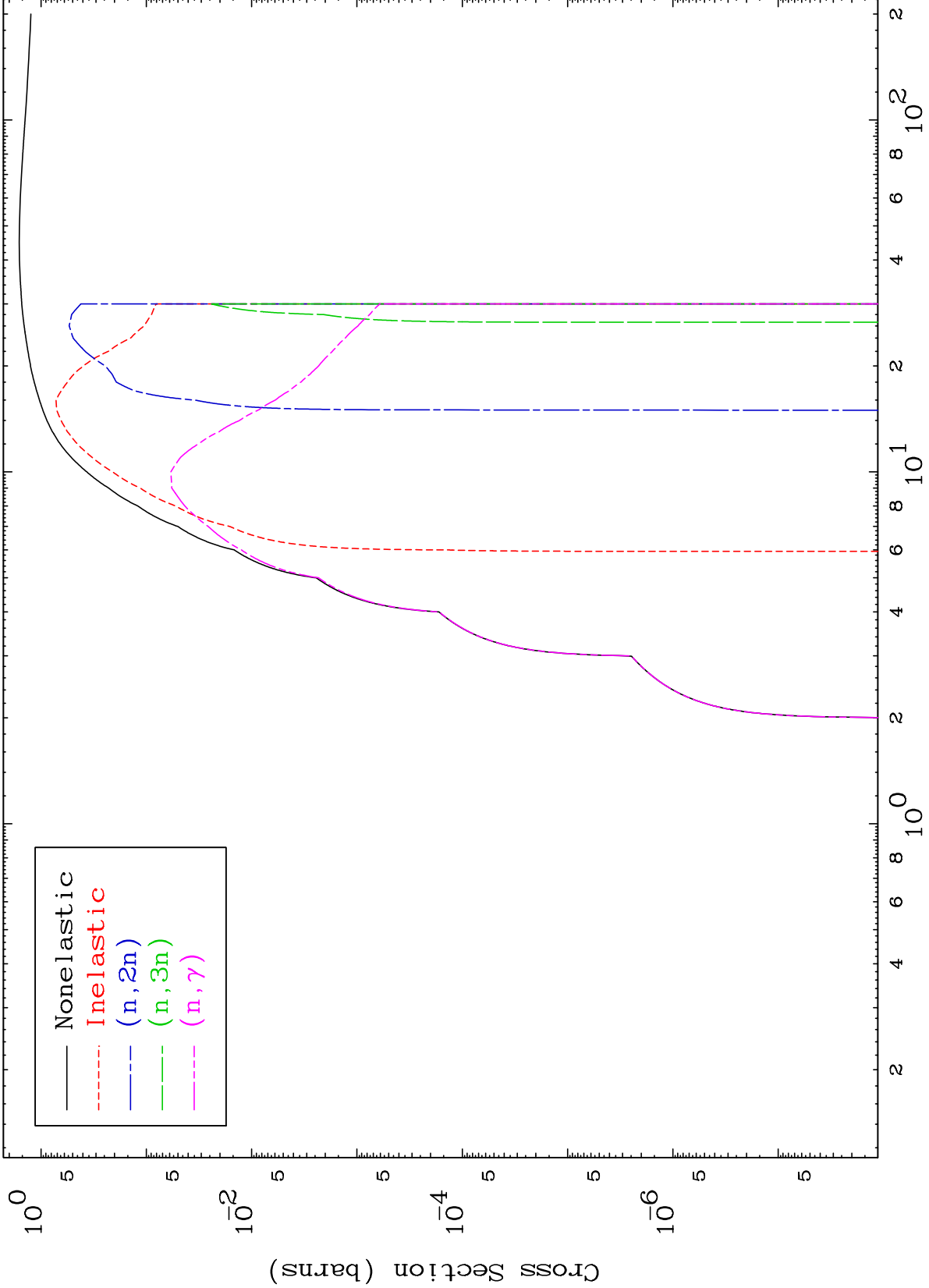
Press Mouse Button to Start

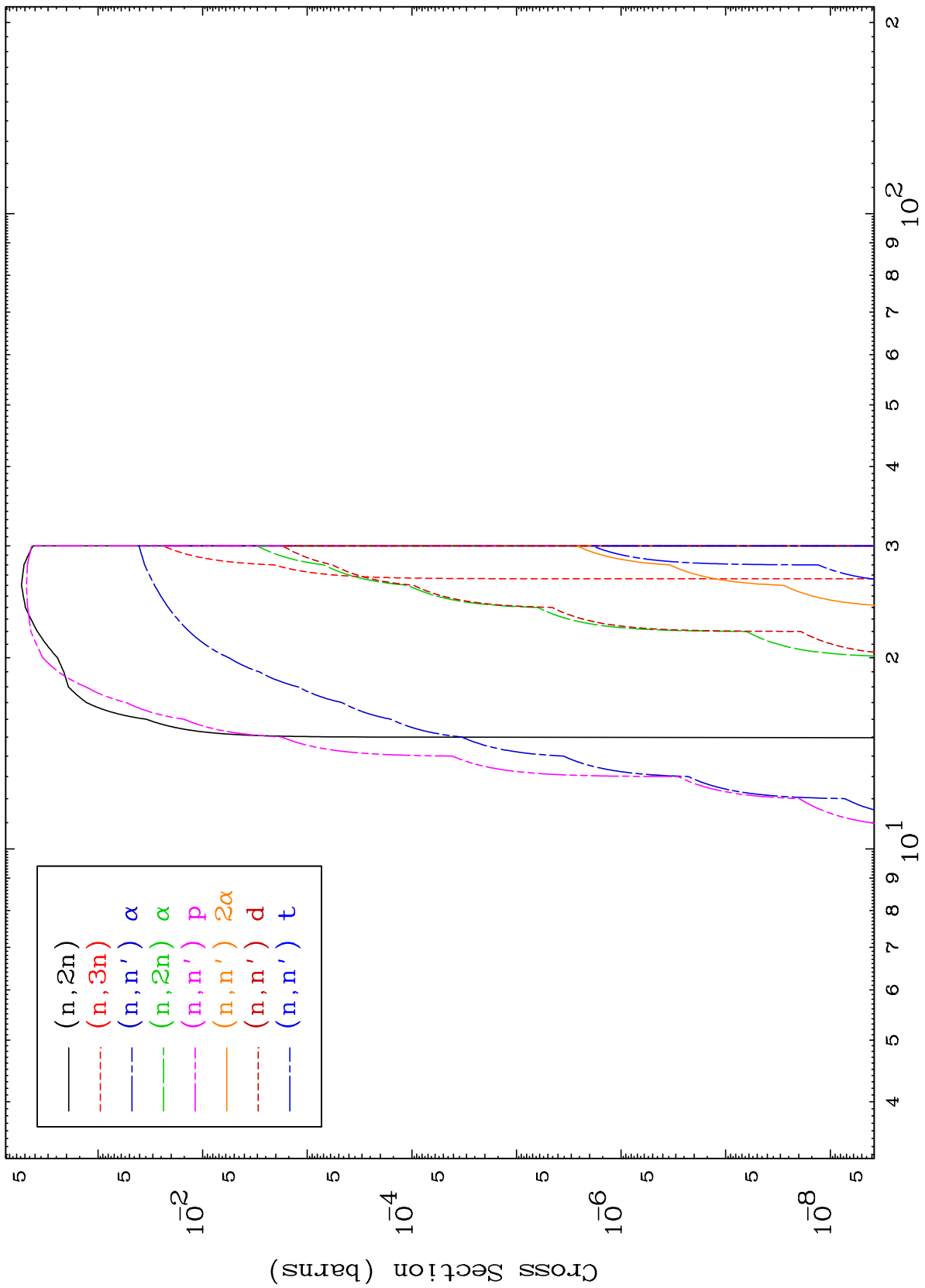
MAT 6125

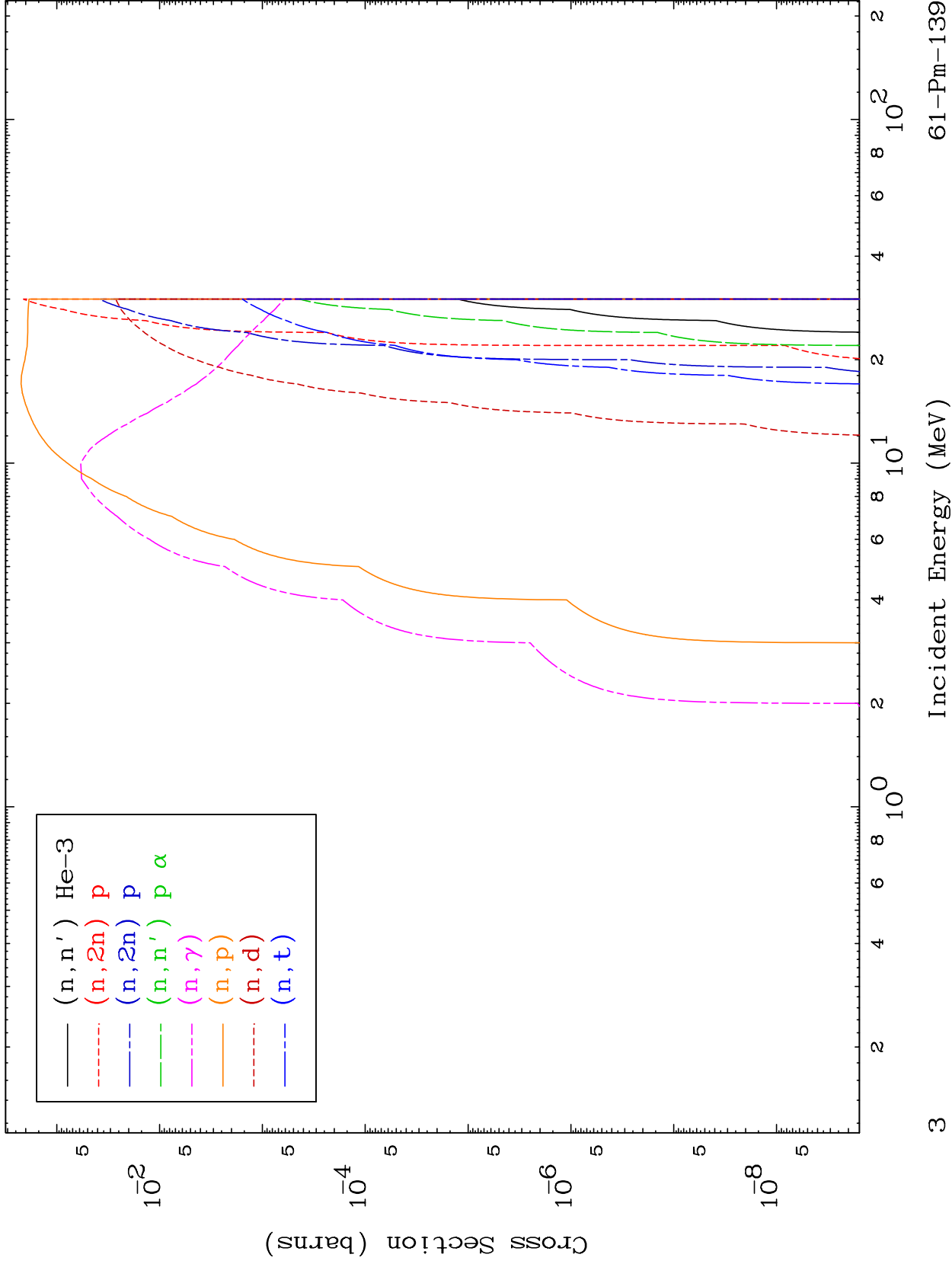
Proton Major

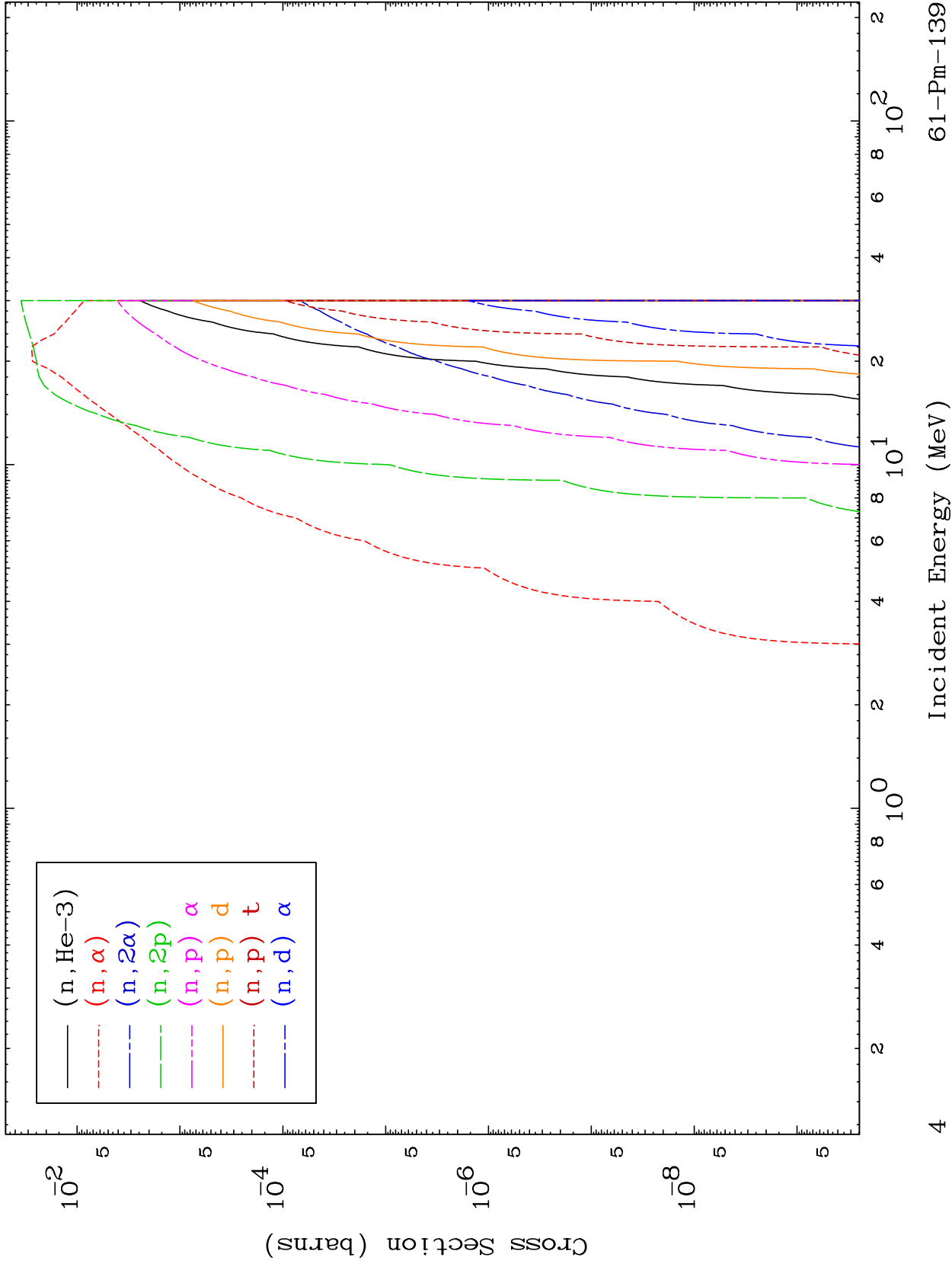
61-Pm-139

0 Kelvin Cross Sections





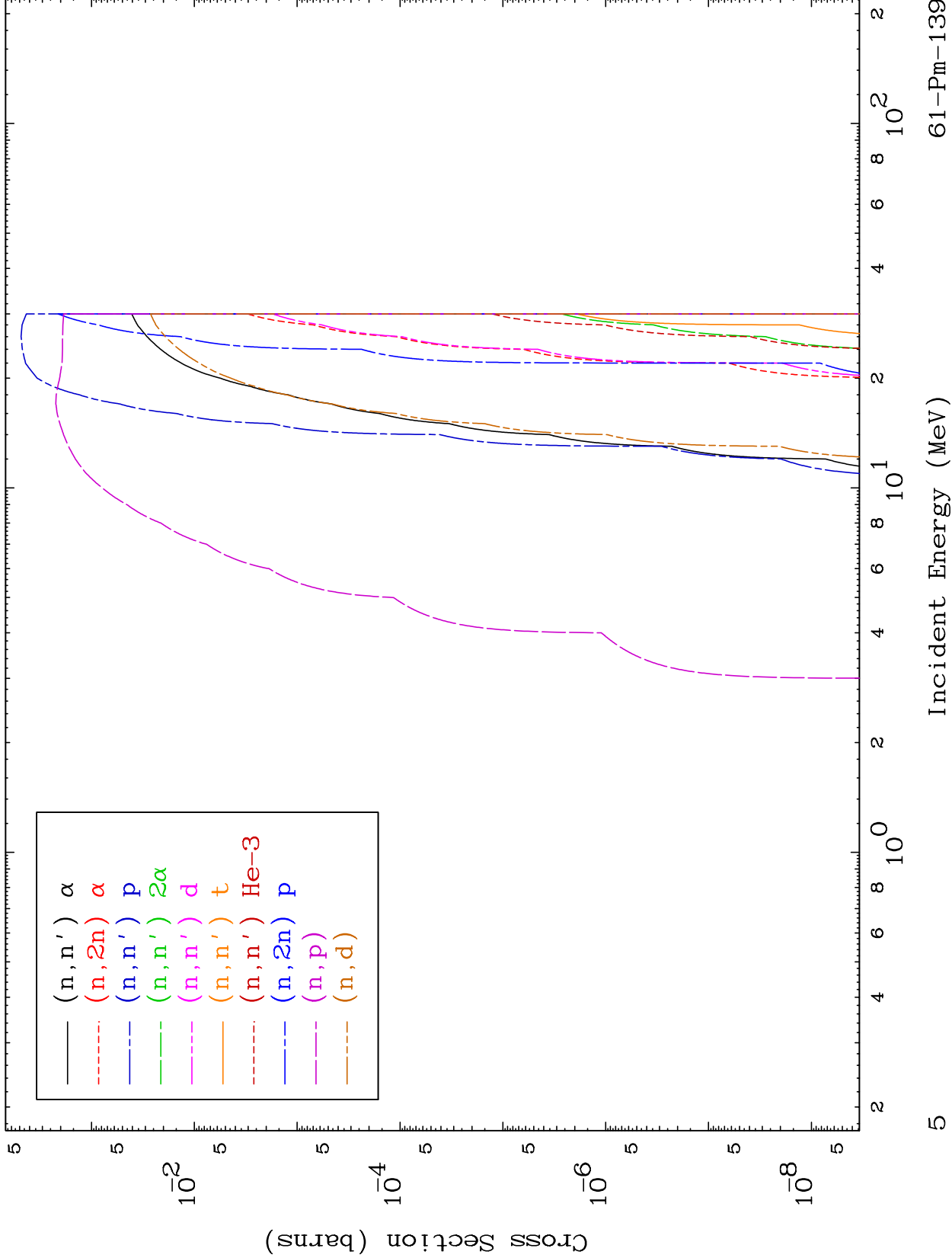




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Proton Charged Particle  
0 Kelvin Cross Sections

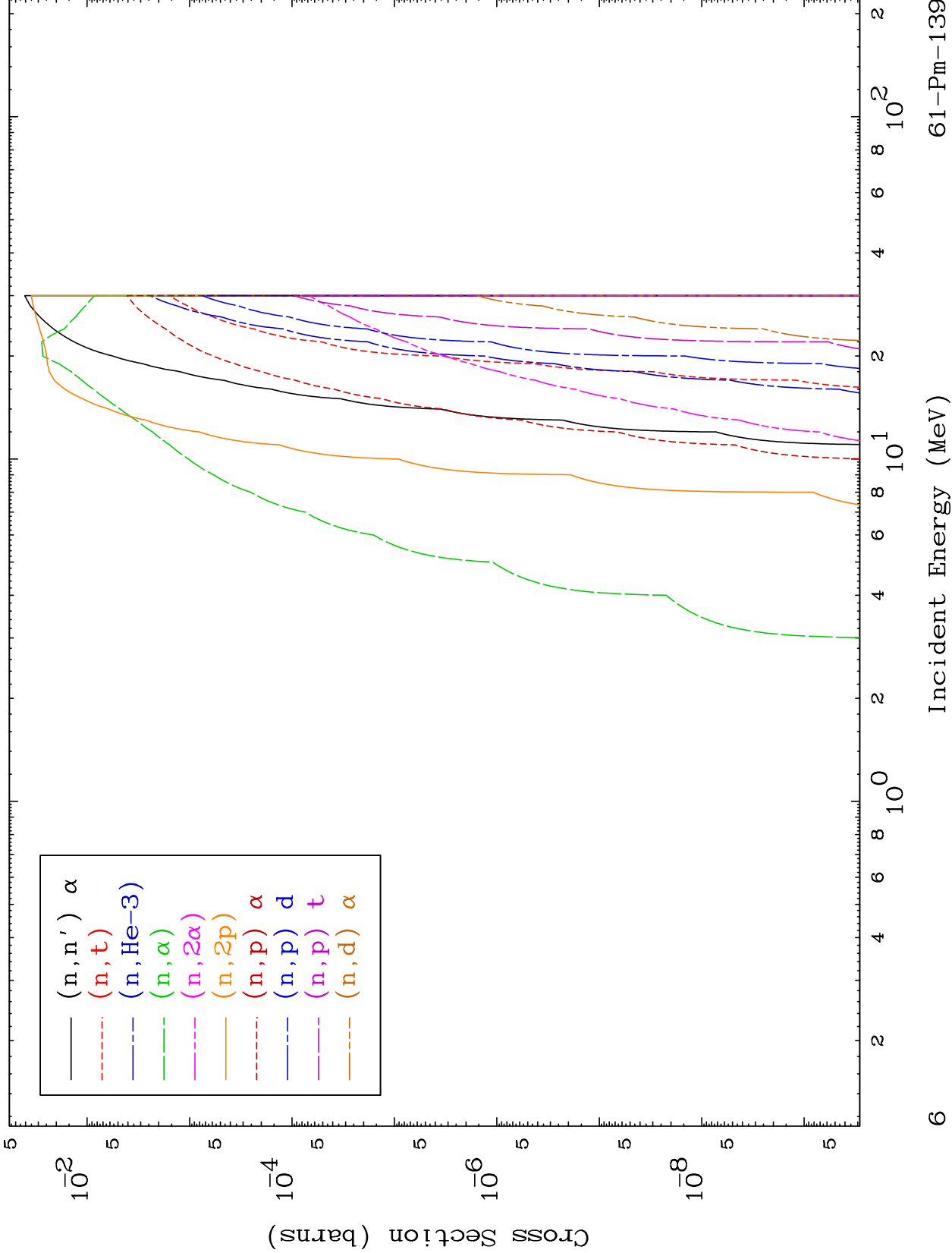
61-Pm-139



5

Incident Energy (MeV)

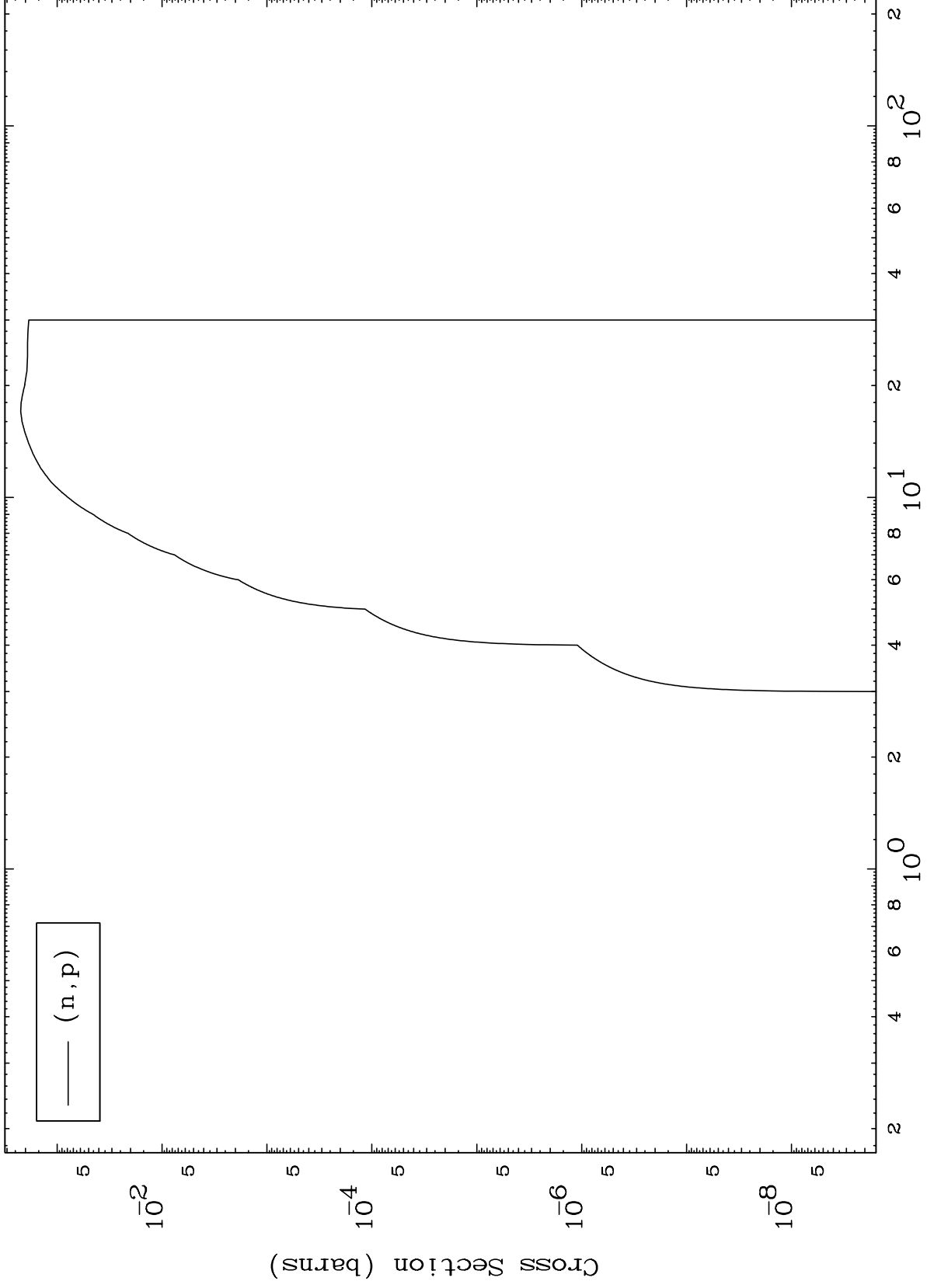
61-Pm-139



MAT 6125

61-Pm-139

(p,p) Levels  
0 Kelvin Cross Sections

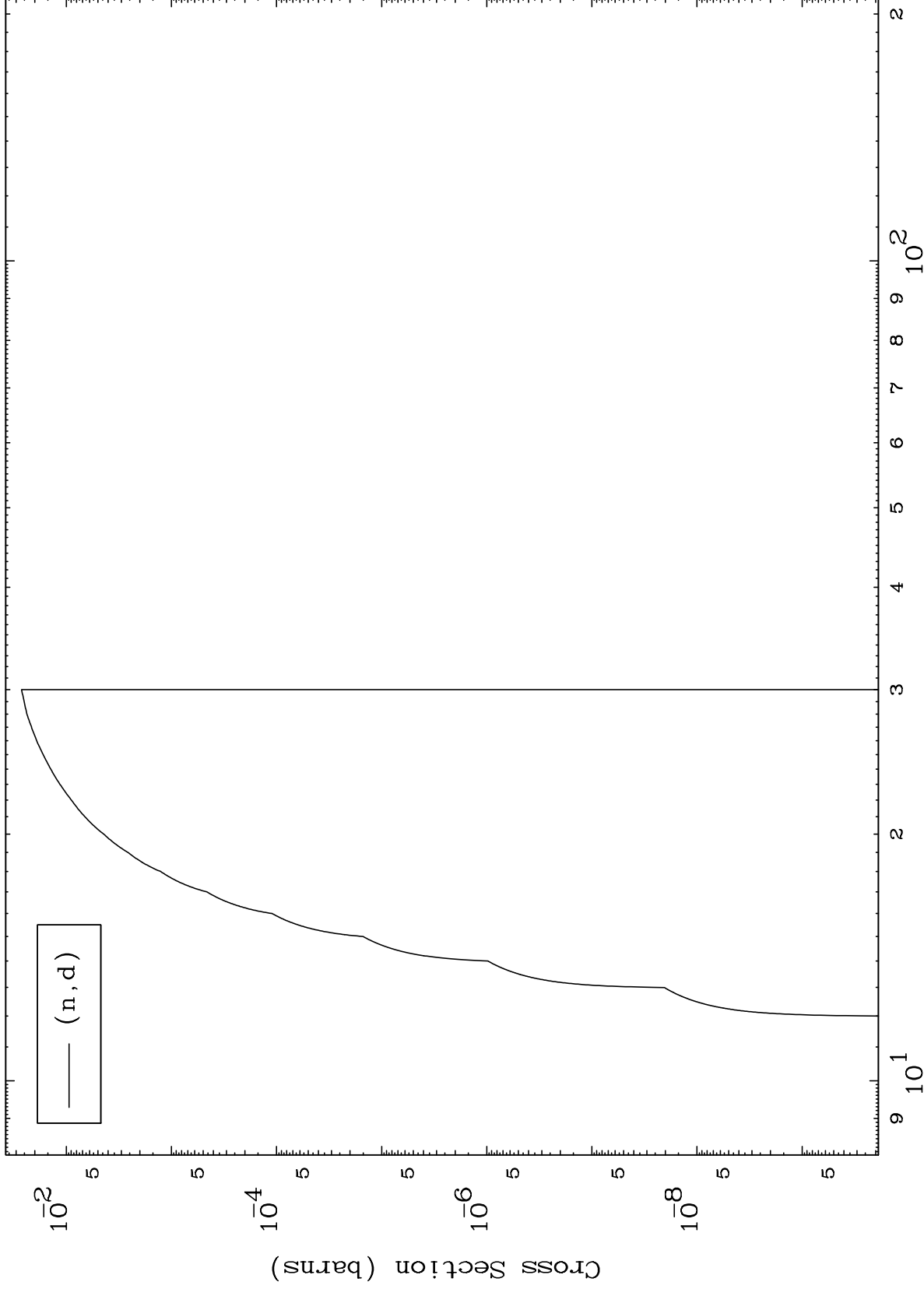




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(p,d) Levels  
0 Kelvin Cross Sections

61-Pm-139



8

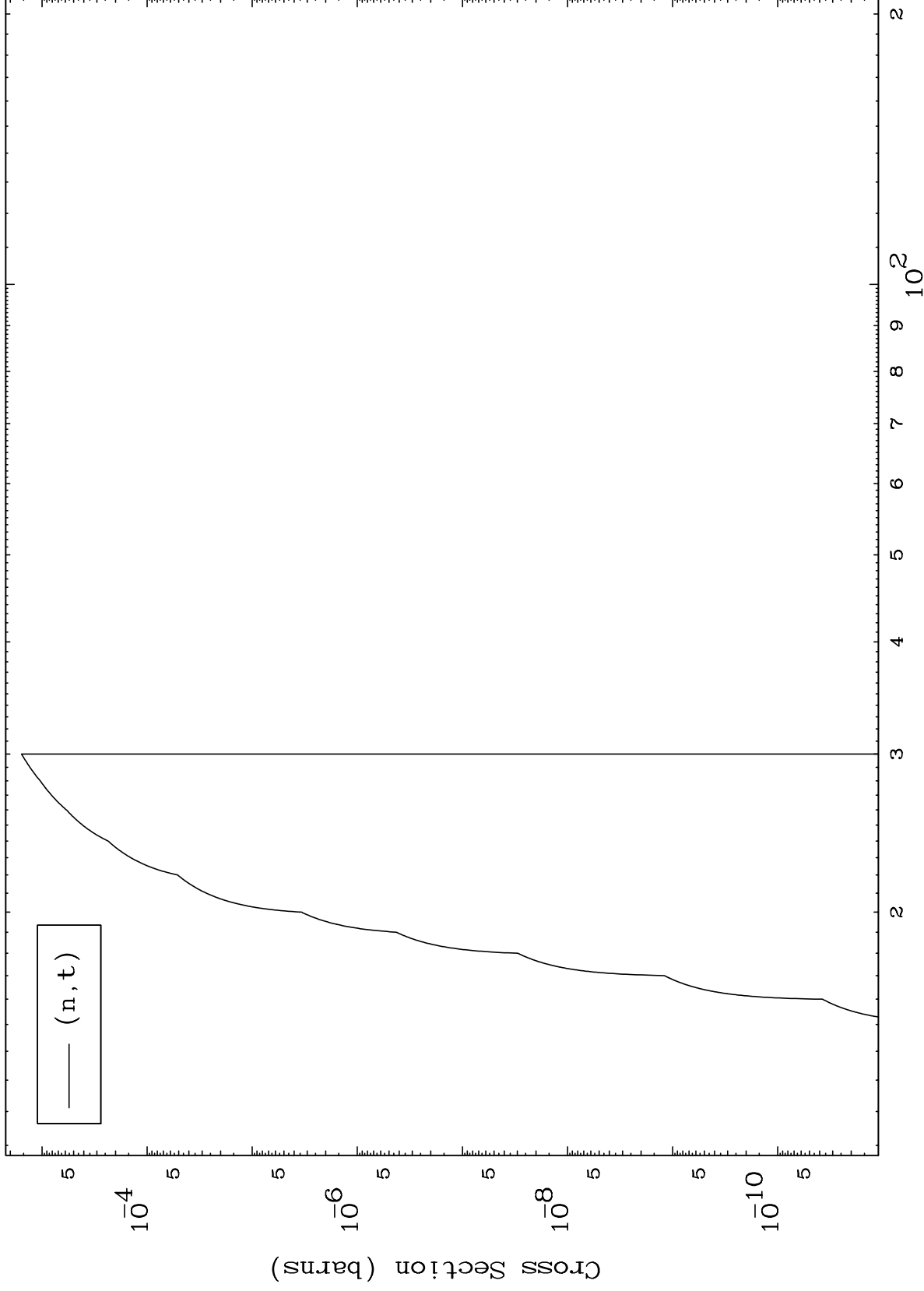
Incident Energy (MeV)

61-Pm-139

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(p,t) Levels  
0 Kelvin Cross Sections

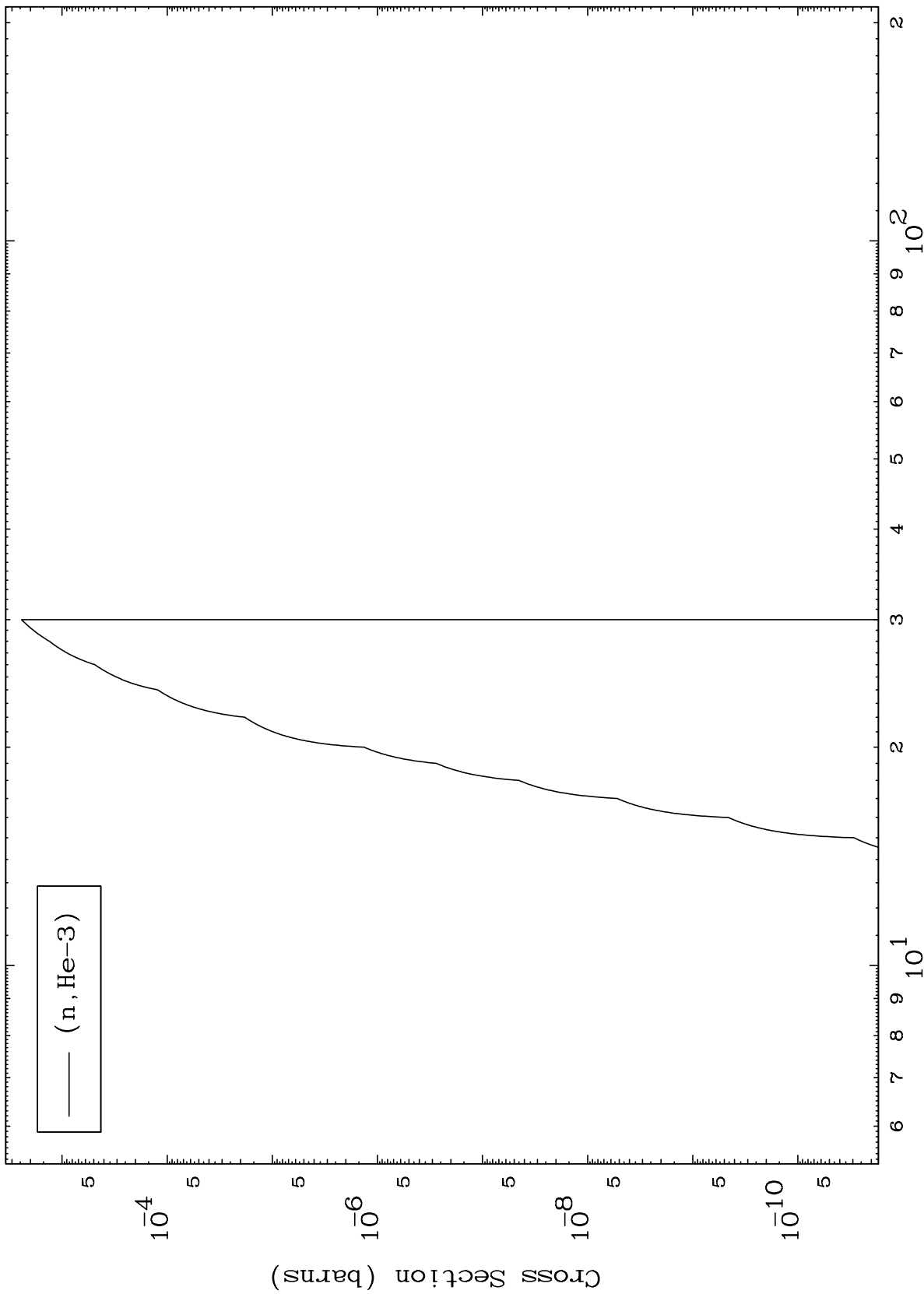
61-Pm-139



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61-Pm-139

(p,He3) Levels  
0 Kelvin Cross Sections



61-Pm-139

Incident Energy (MeV)

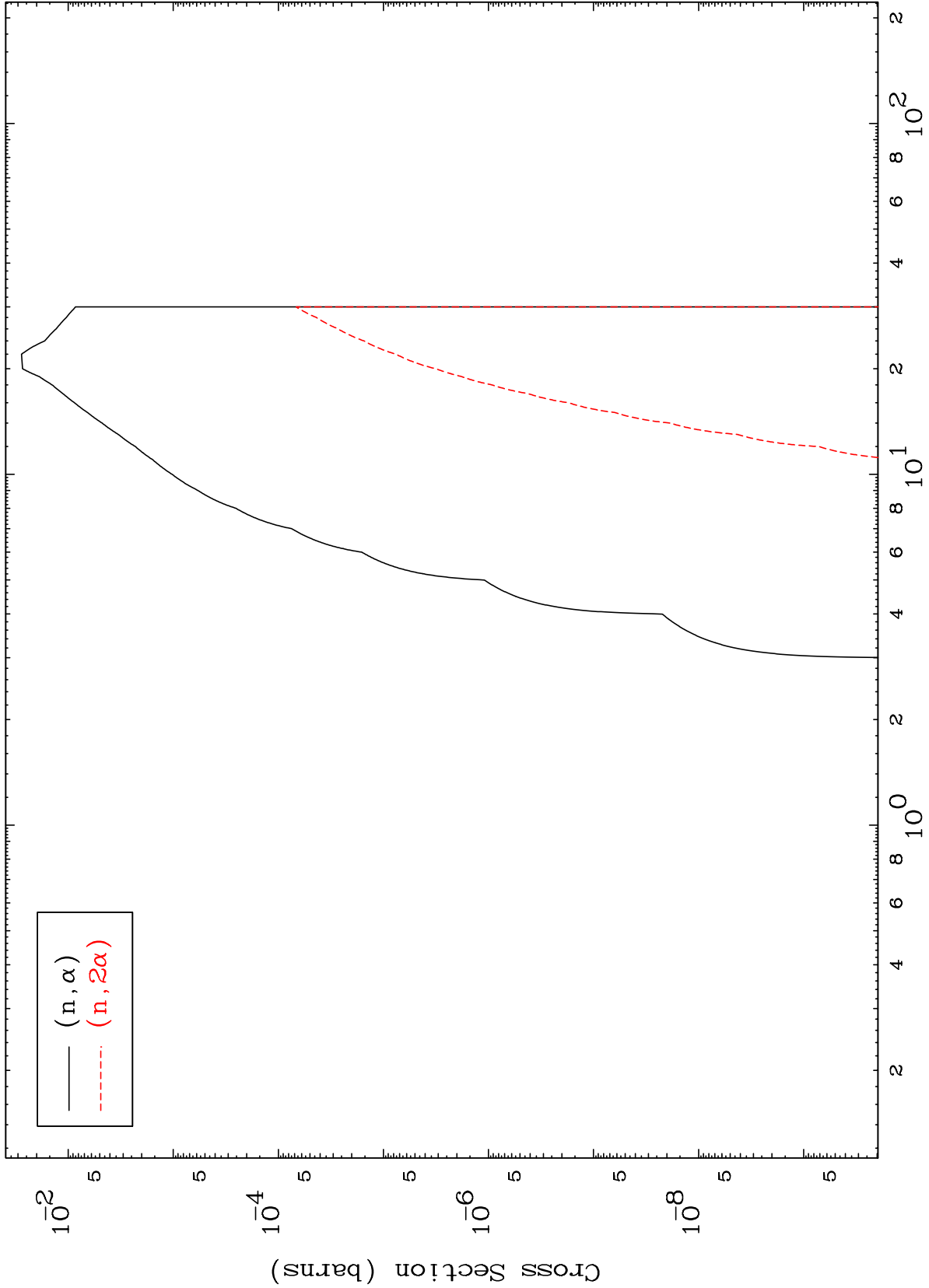
10

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(p,  $\alpha$ ) Levels

61-Pm-139

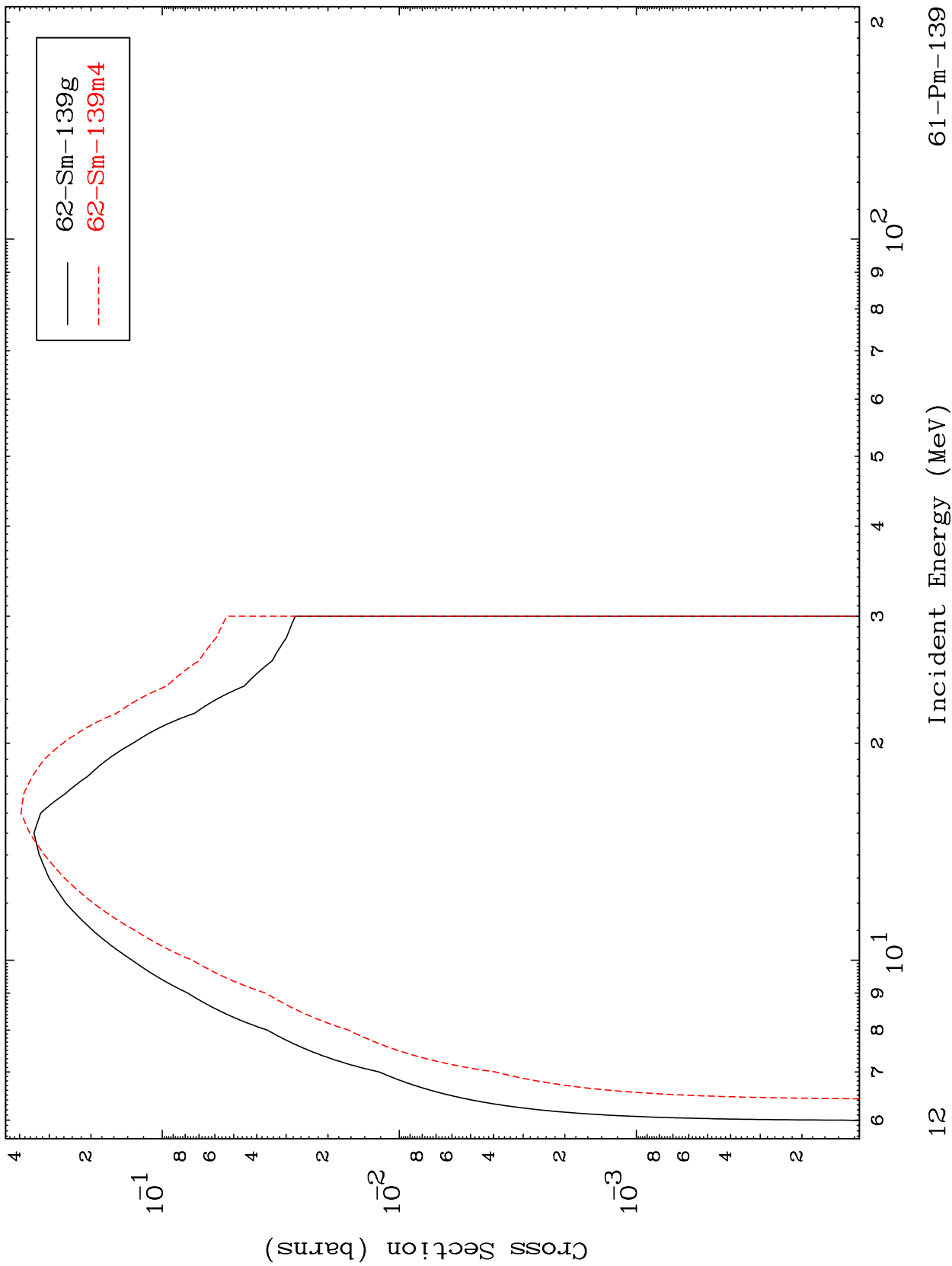
0 Kelvin Cross Sections



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61-Pm-139

Inelastic  
Radionuclide Production Cross Section



61-Pm-139

Incident Energy (MeV)

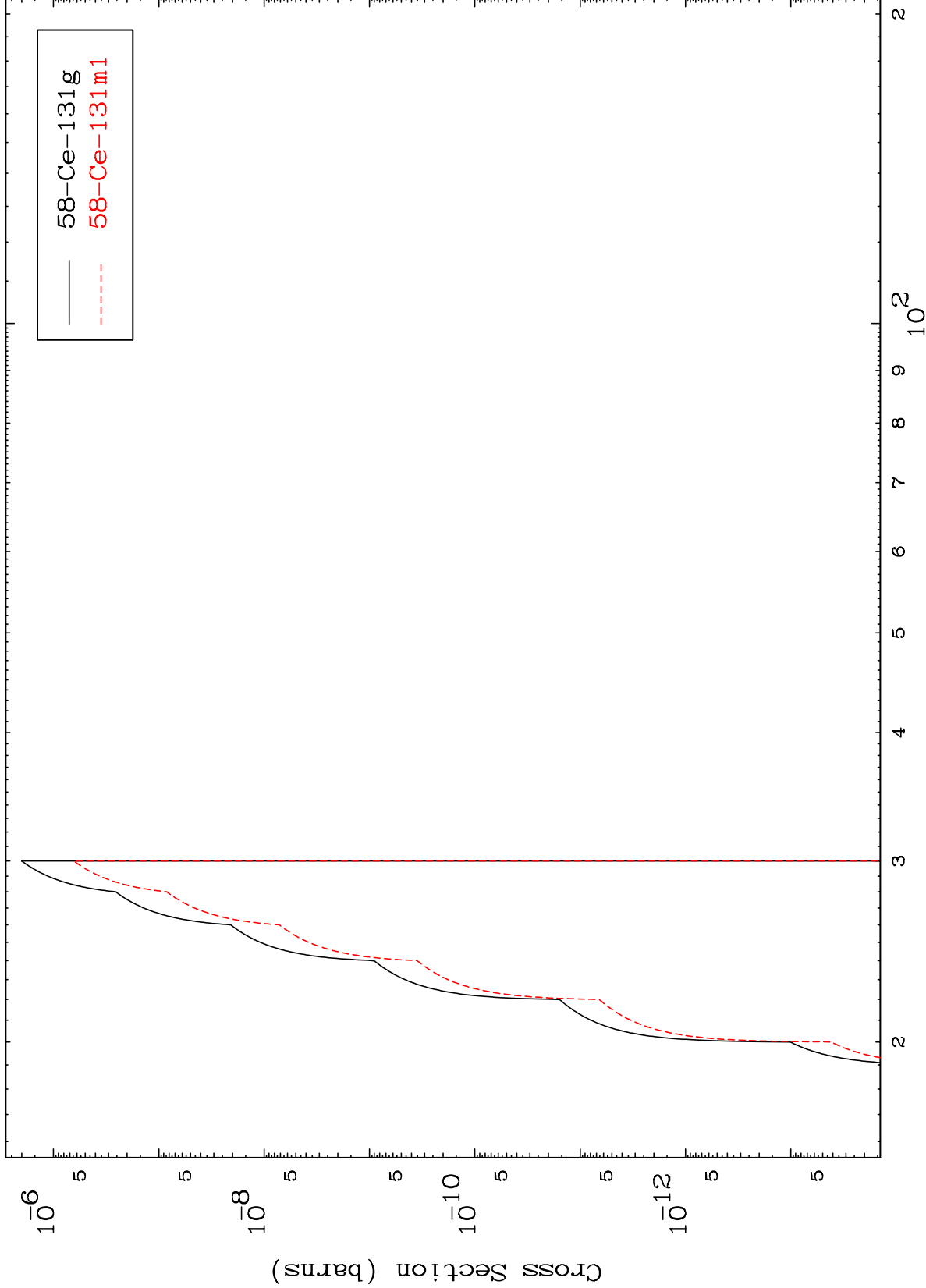
12

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(n,n') 2α

61-Pm-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

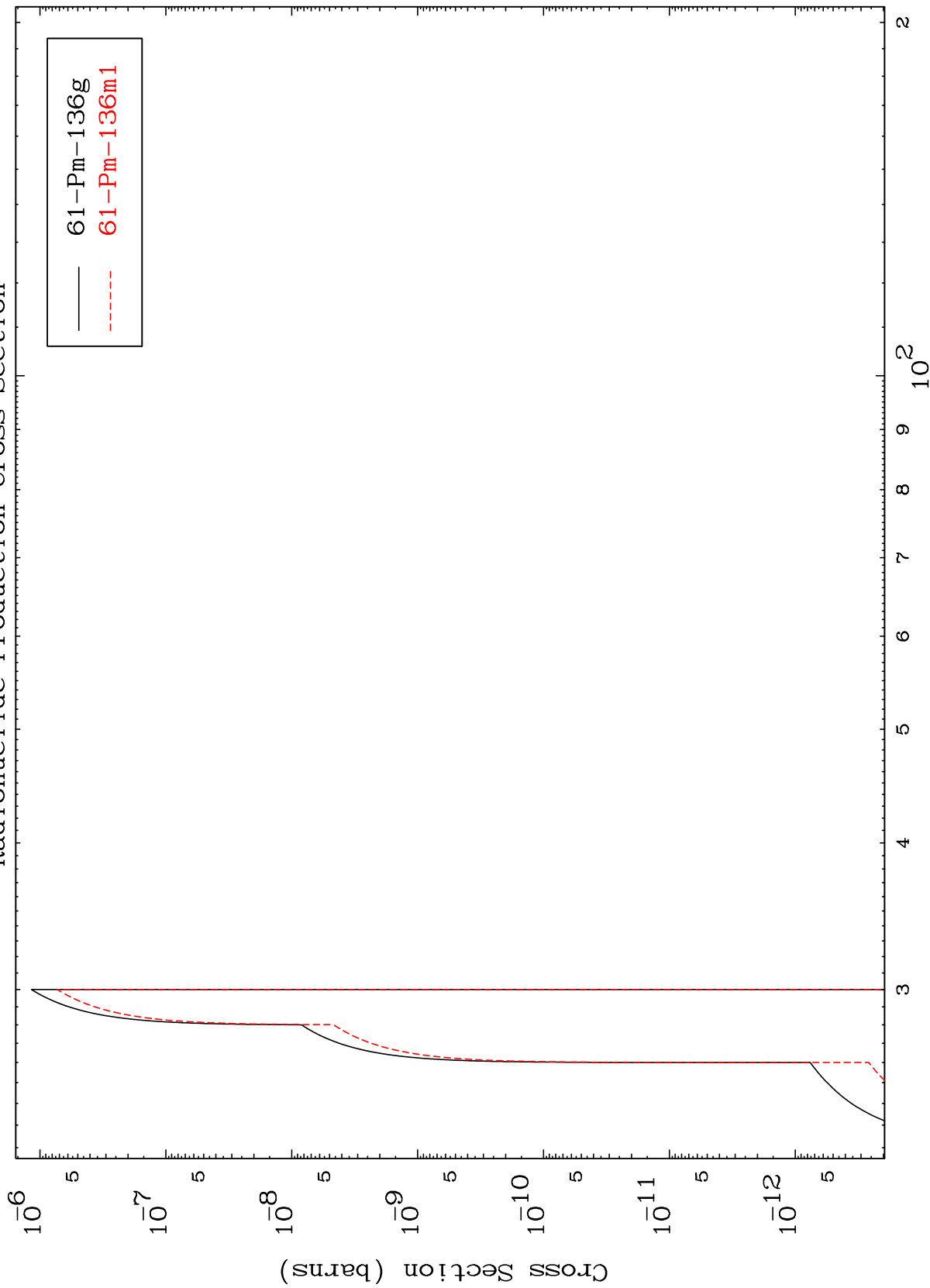
61-Pm-139

MAT 6125

(n,n') t

61-Pm-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

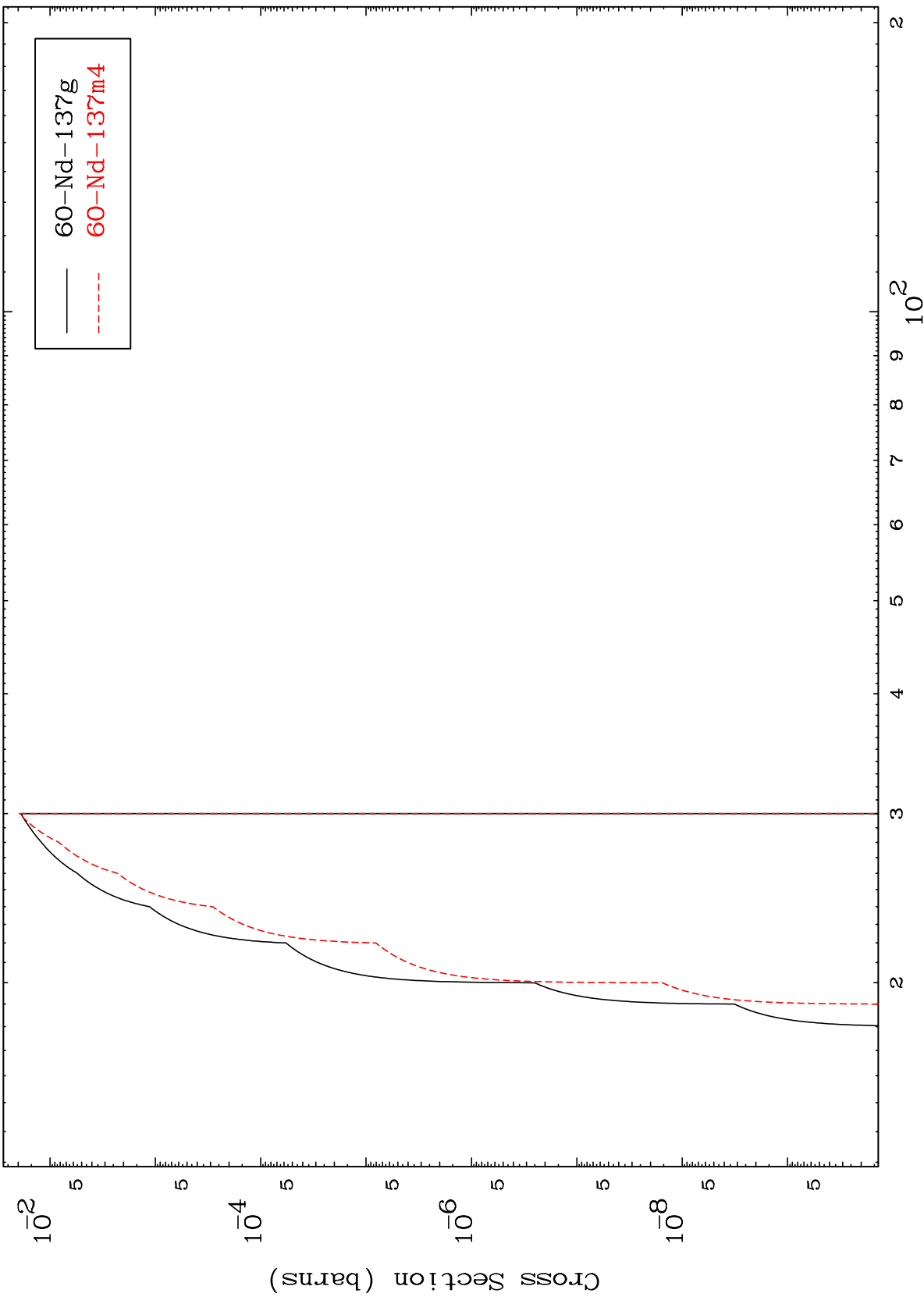
61-Pm-139

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(n,2n) p

61-Pm-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-139

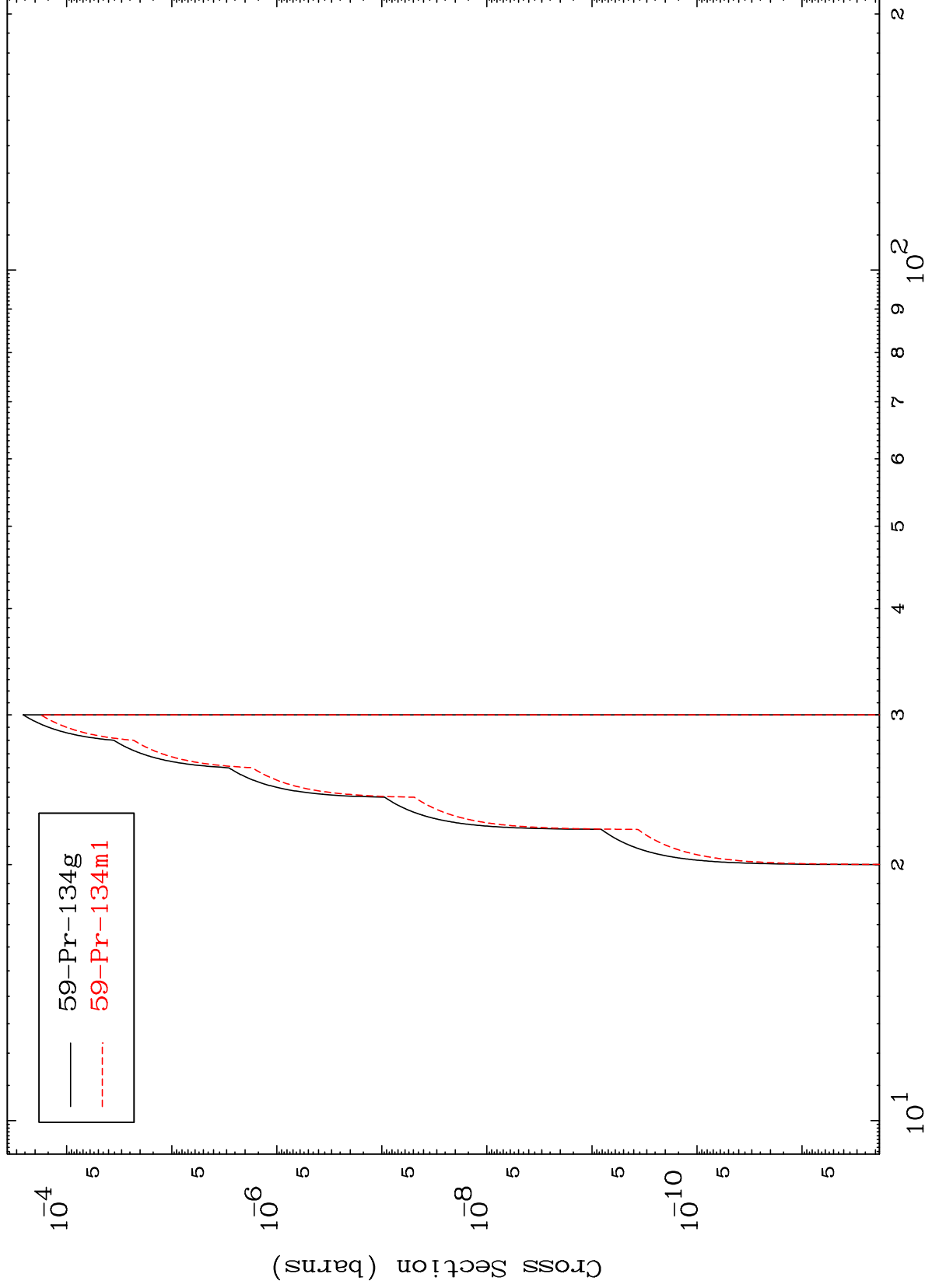


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(n,n') p  $\alpha$

61-Pm-139

Radionuclide Production Cross Section



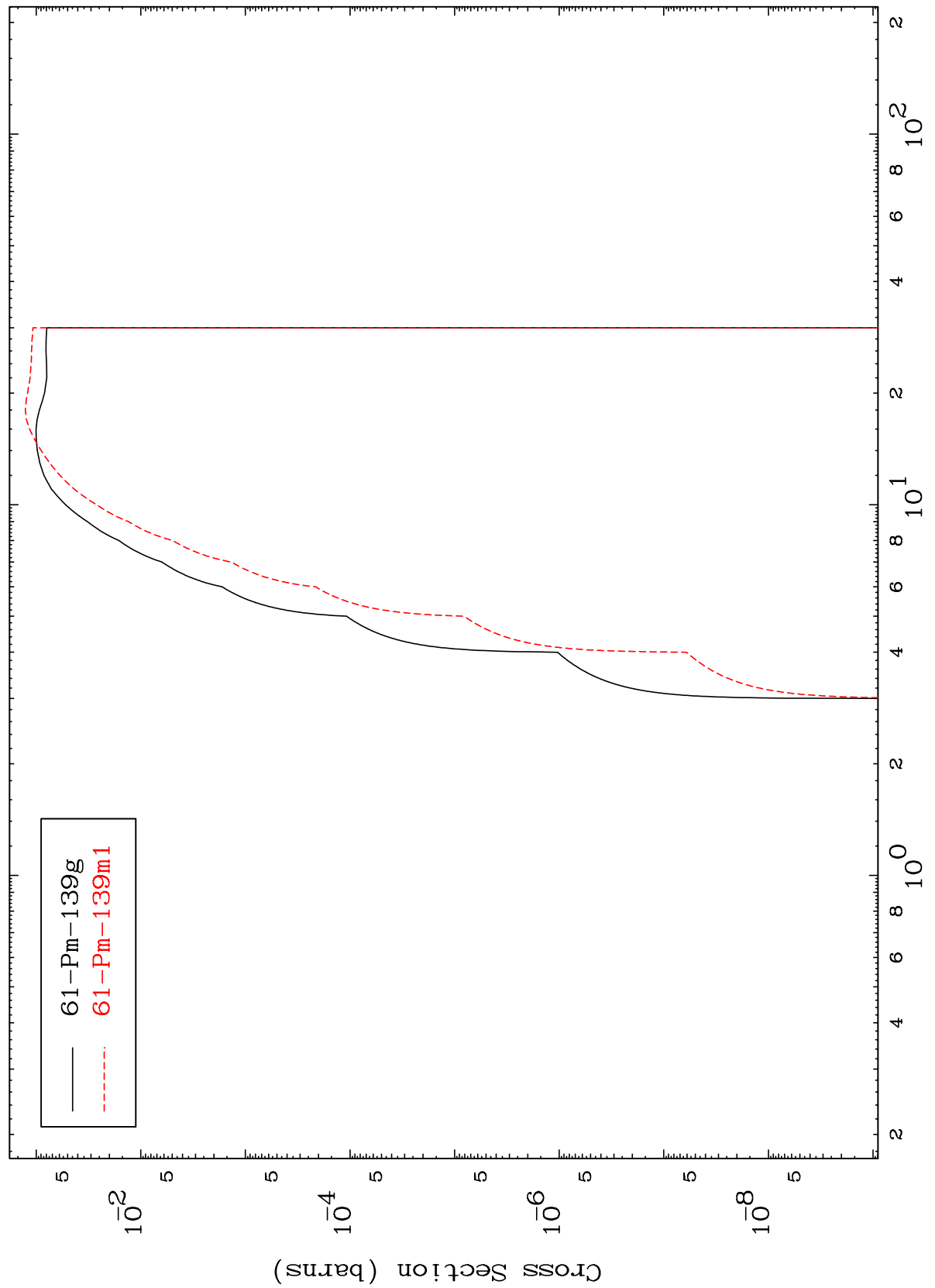
Incident Energy (MeV)

61-Pm-139

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61-Pm-139

(n,p)  
Radionuclide Production Cross Section



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

61-Pm-139

Incident Energy (MeV)

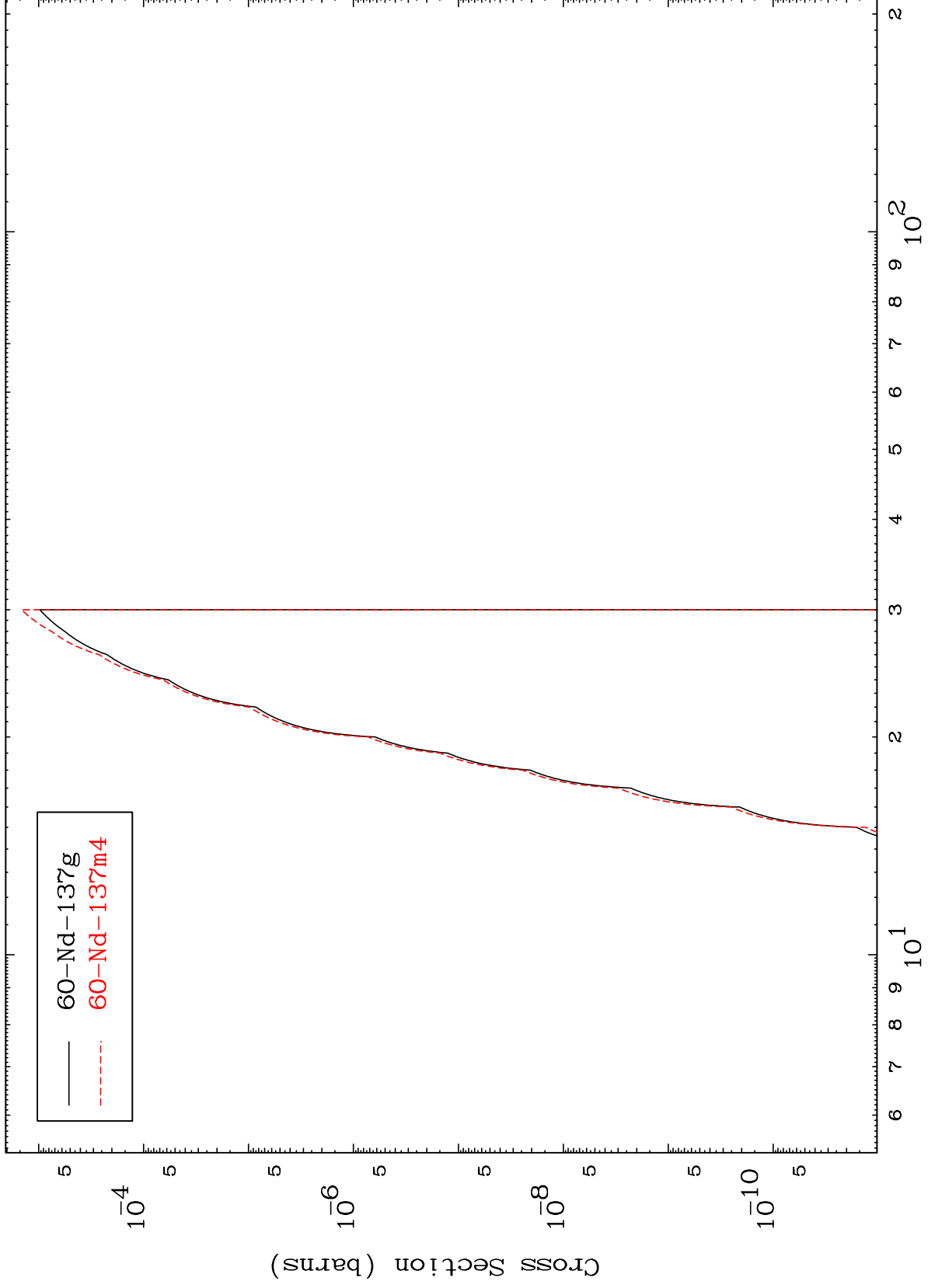
17

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(n,He-3)

61-Pm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

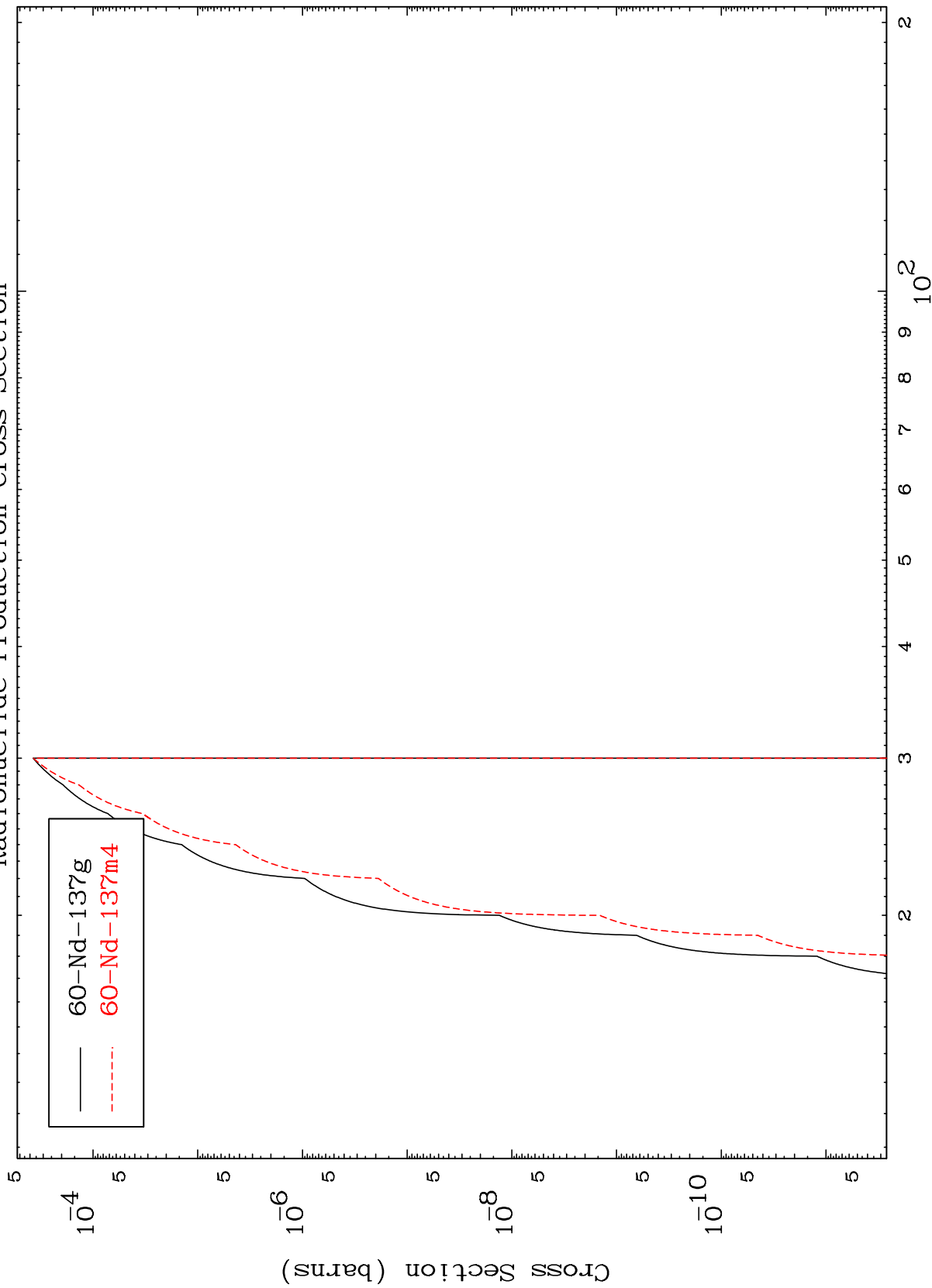
61-Pm-139

MAT 6125

(n,p) d

61-Pm-139

Radionuclide Production Cross Section



Incident Energy (MeV)

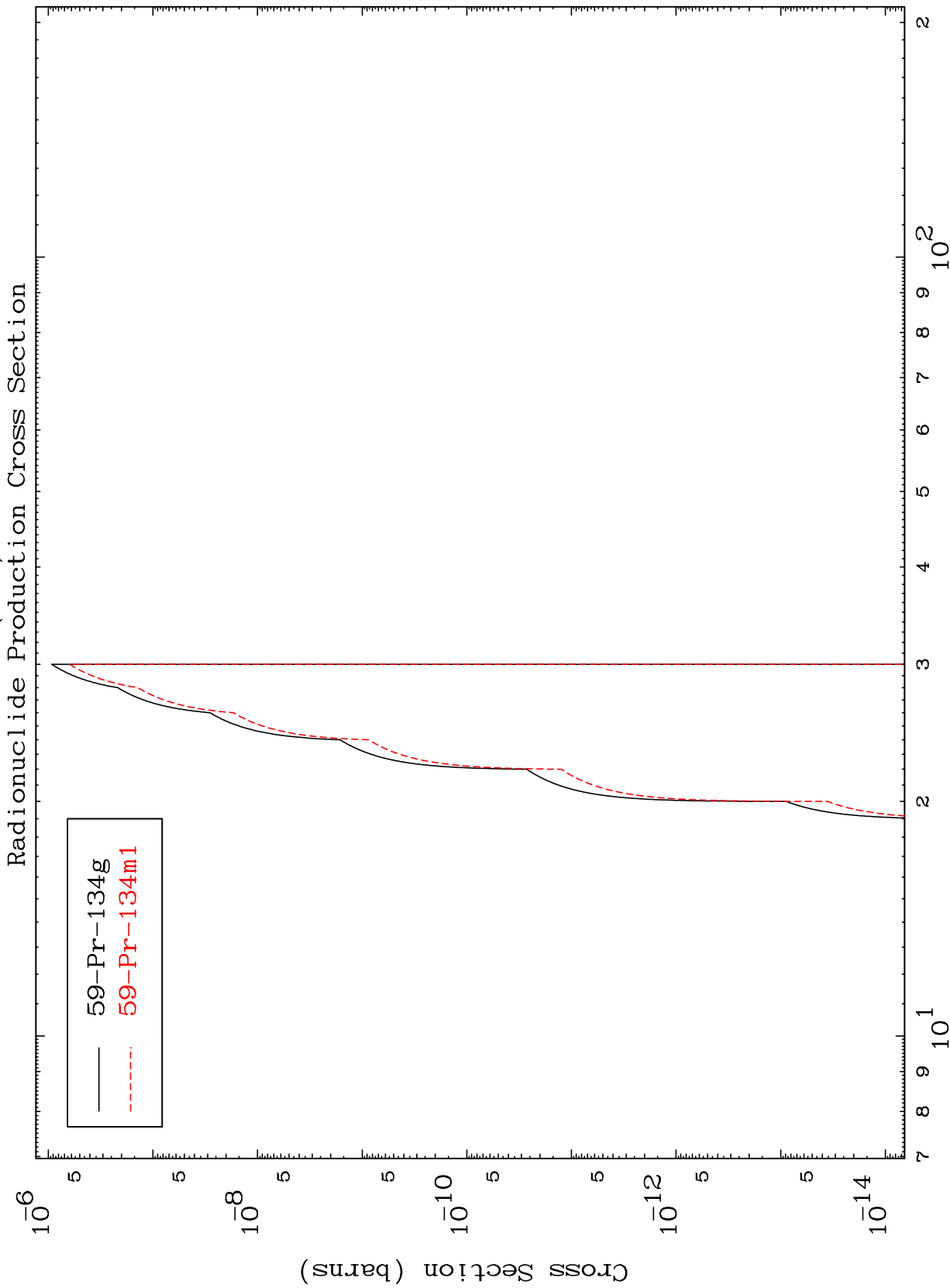
61-Pm-139

19

MAT 6125

(n,d)  $\alpha$

61-Pm-139



20

Incident Energy (MeV)

61-Pm-139