

Program EVALPLOT  
(Version 2021-1)

by

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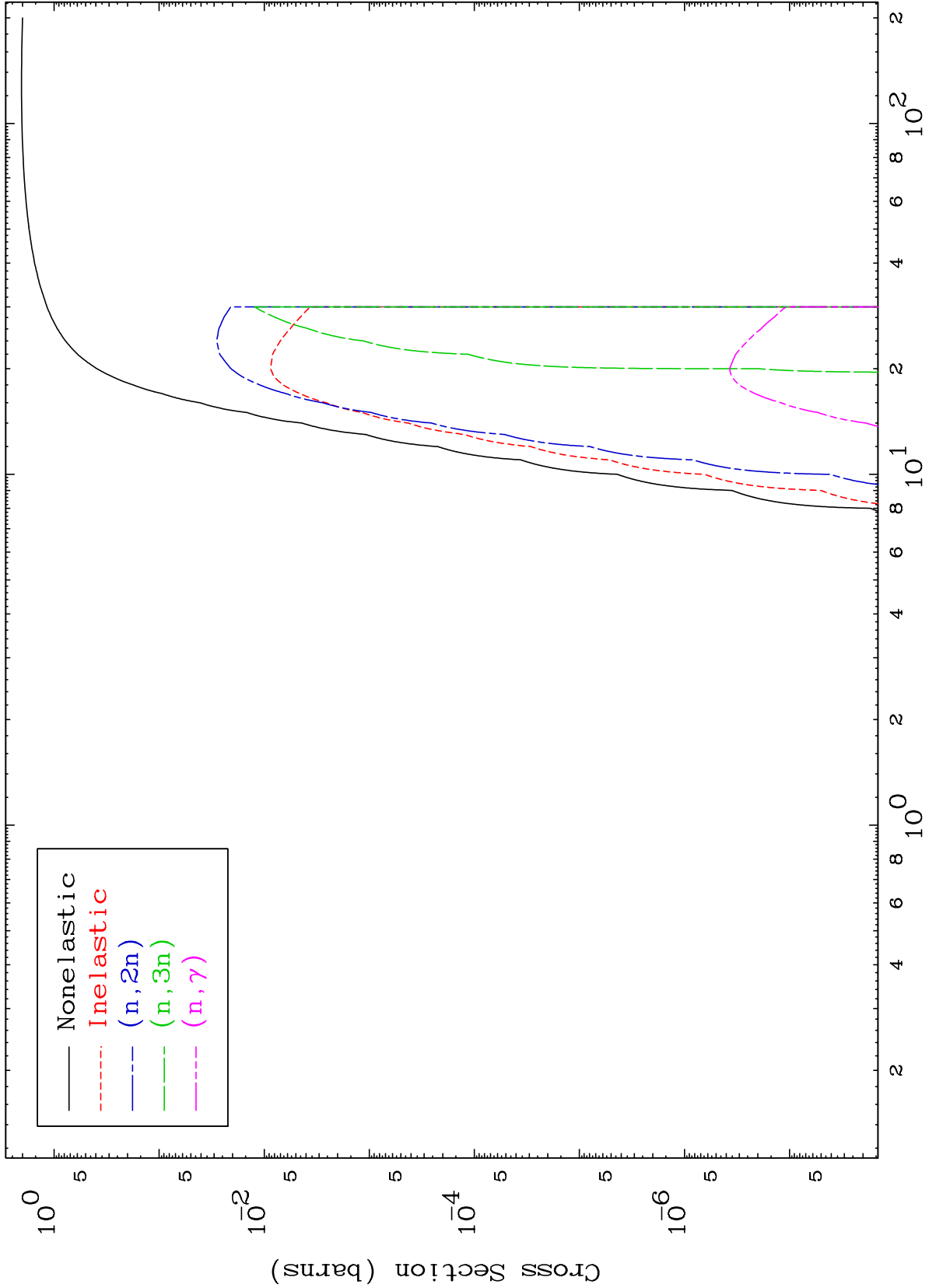
Press Mouse Button to Start

MAT 6134

He-3 Major

61-Pm-142

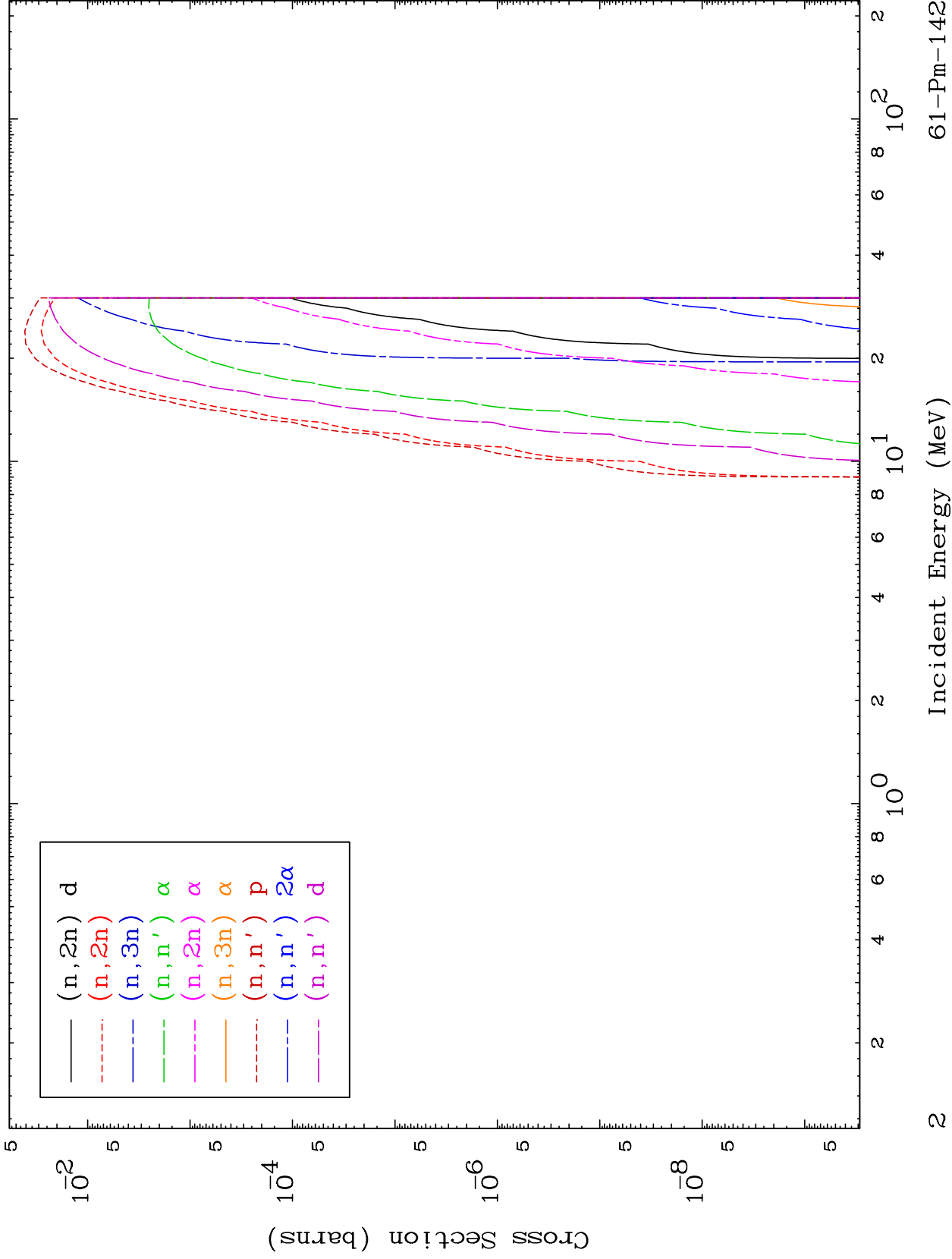
0 Kelvin Cross Sections



MAT 6134

He-3 Neutron Absorption  
0 Kelvin Cross Sections

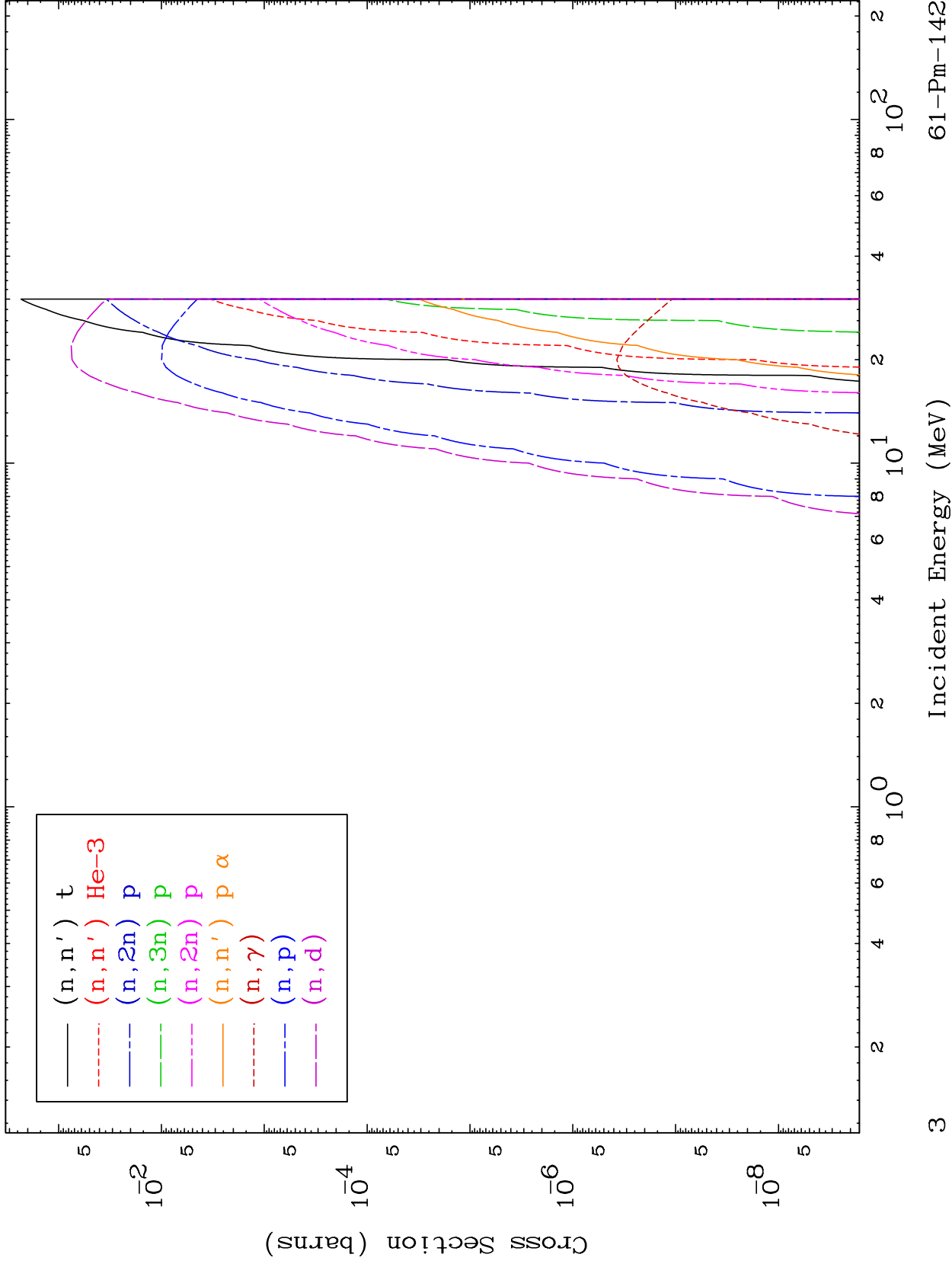
61-Pm-142



MAT 6134

He-3 Neutron Absorption  
0 Kelvin Cross Sections

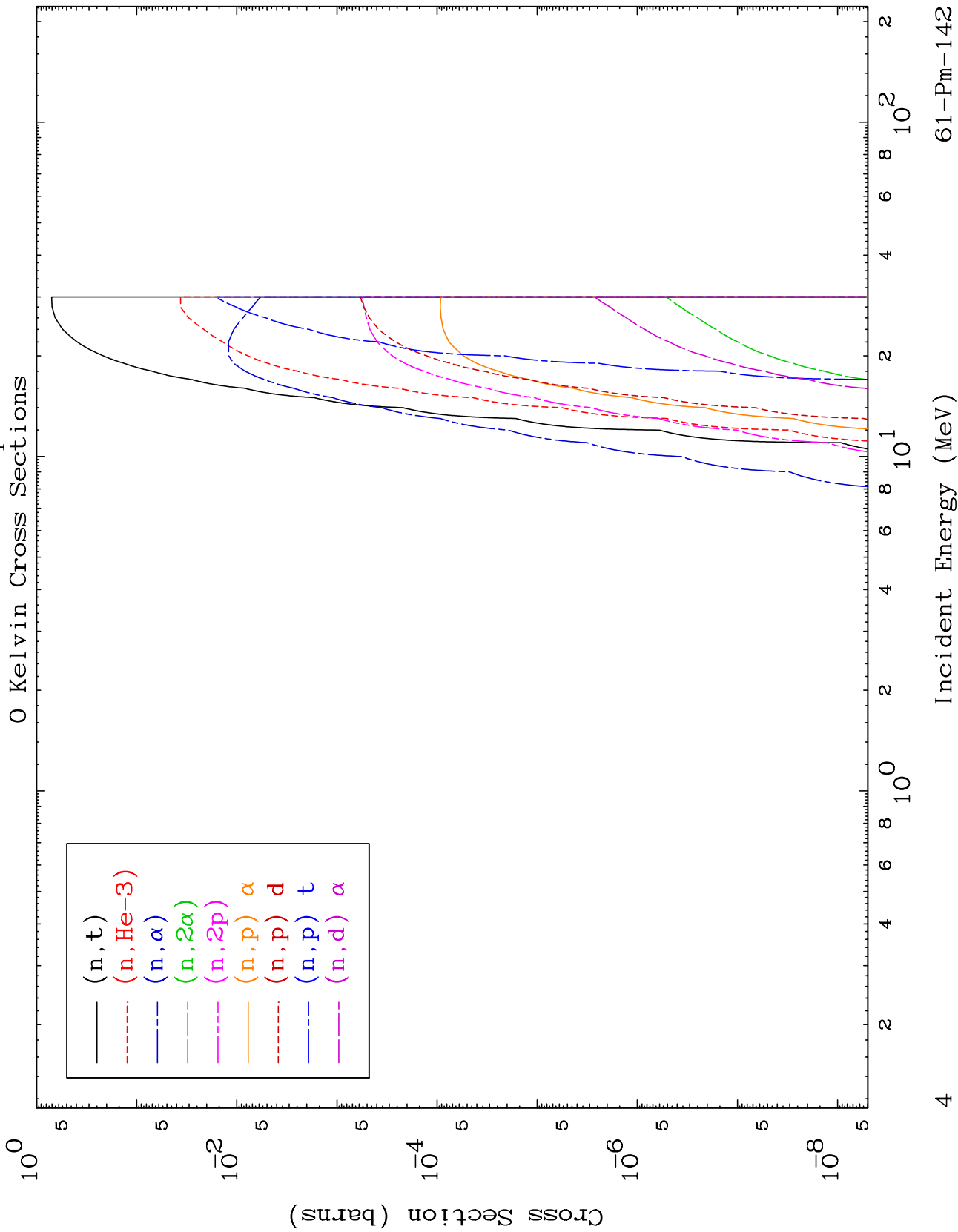
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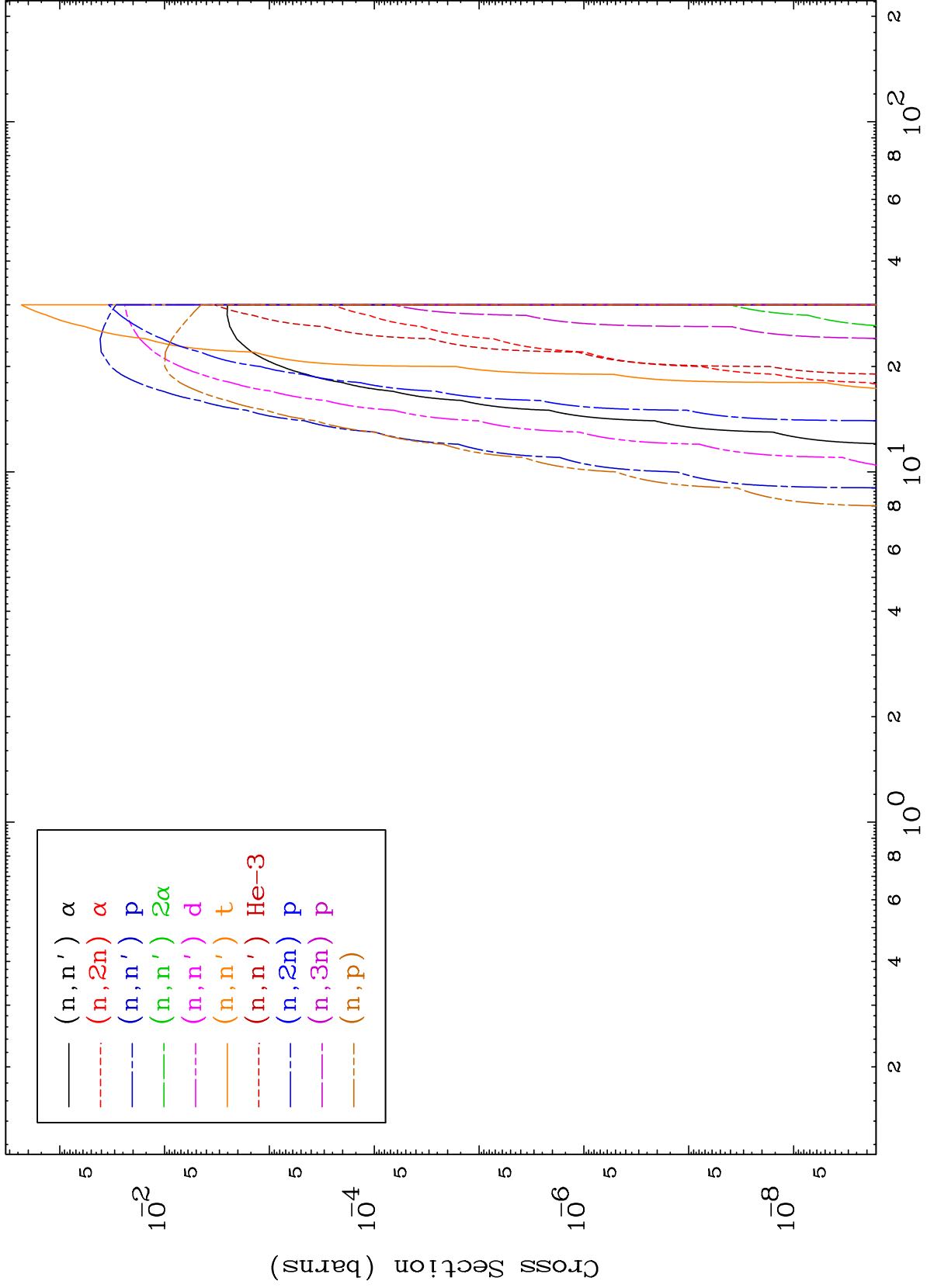


MAT 6134

He-3 Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-142

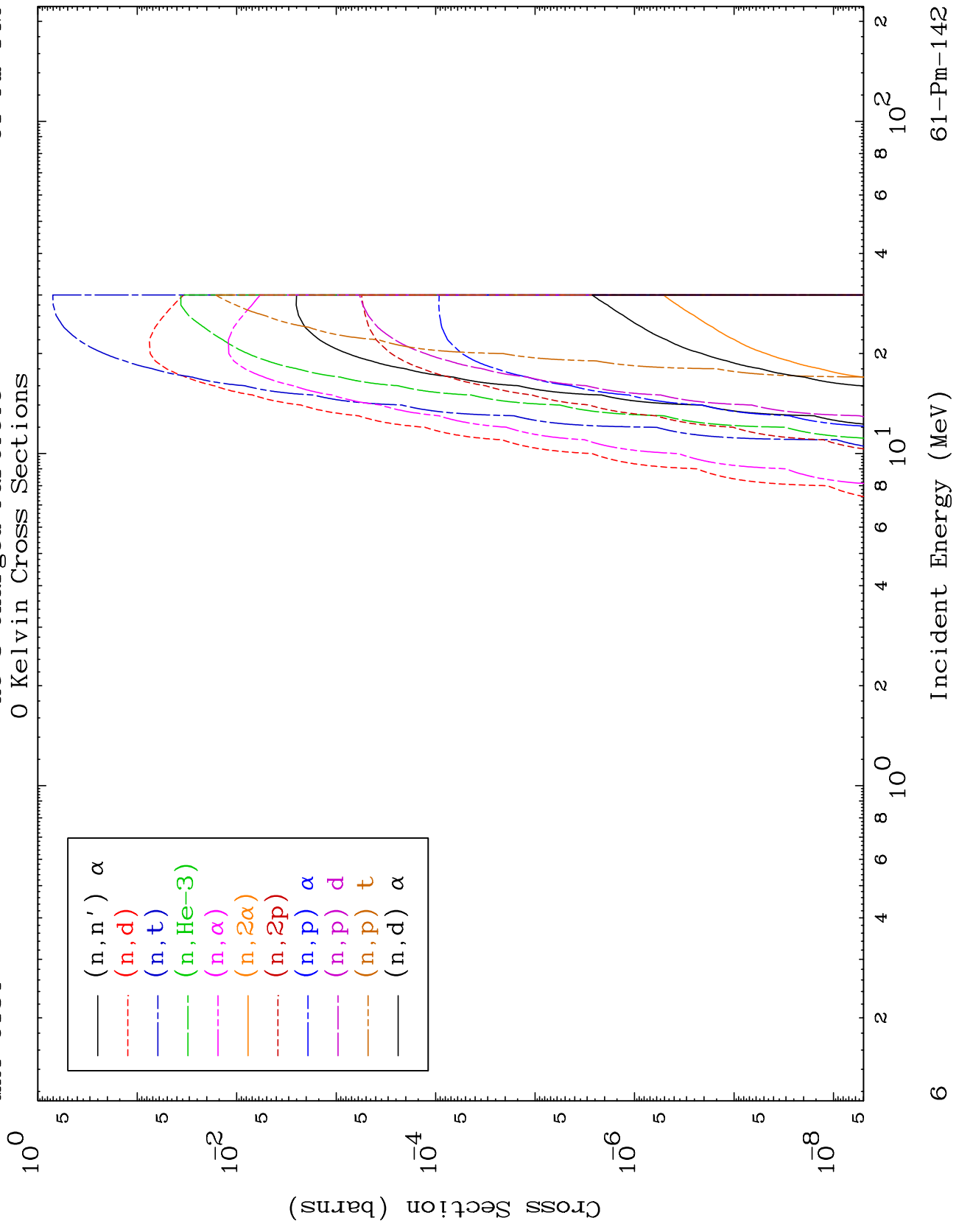




MAT 6134

He-3 Charged Particle  
0 Kelvin Cross Sections

61-Pm-142

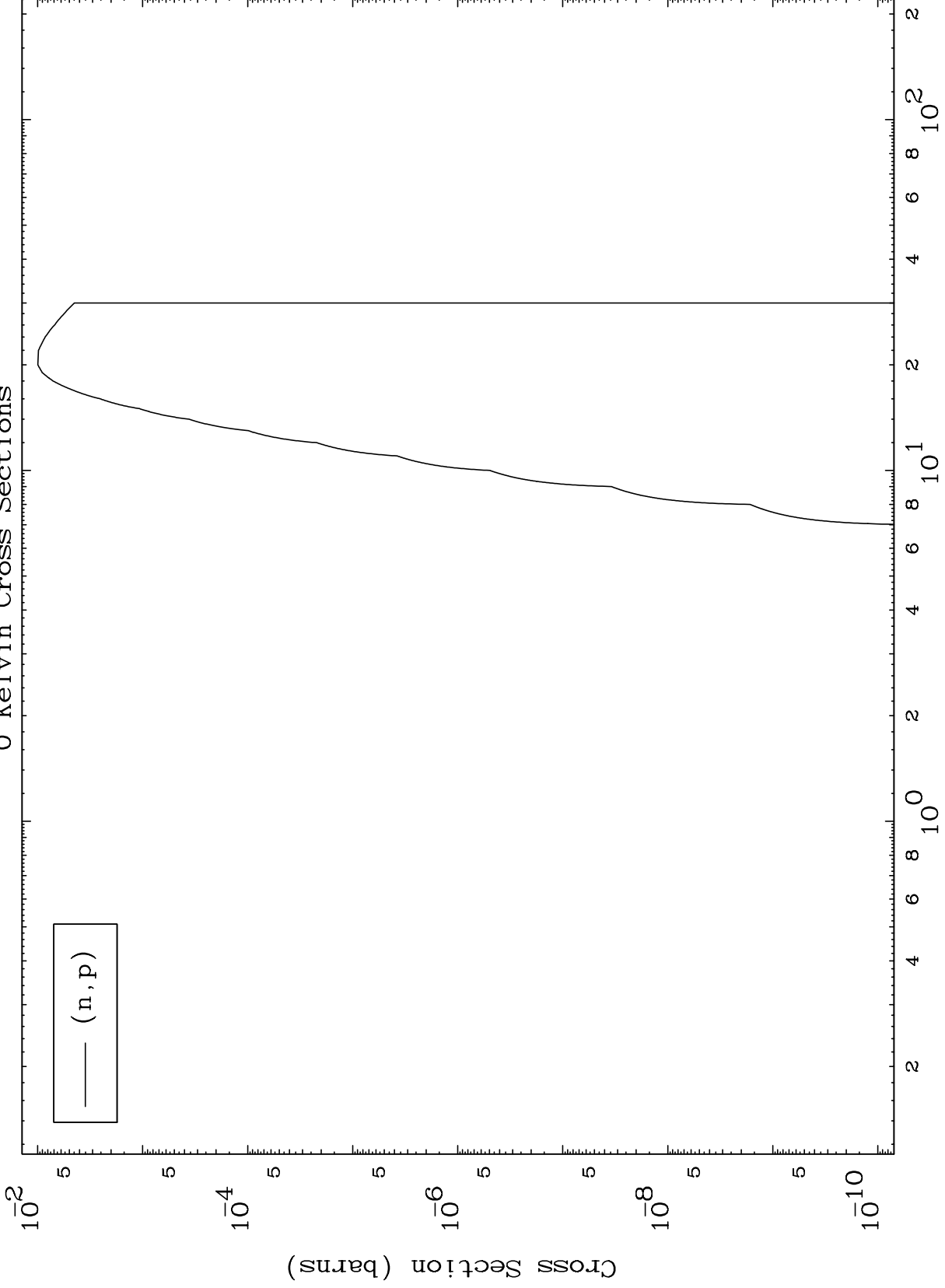


MAT 6134

(He-3,p) Levels

61-Pm-142

0 Kelvin Cross Sections

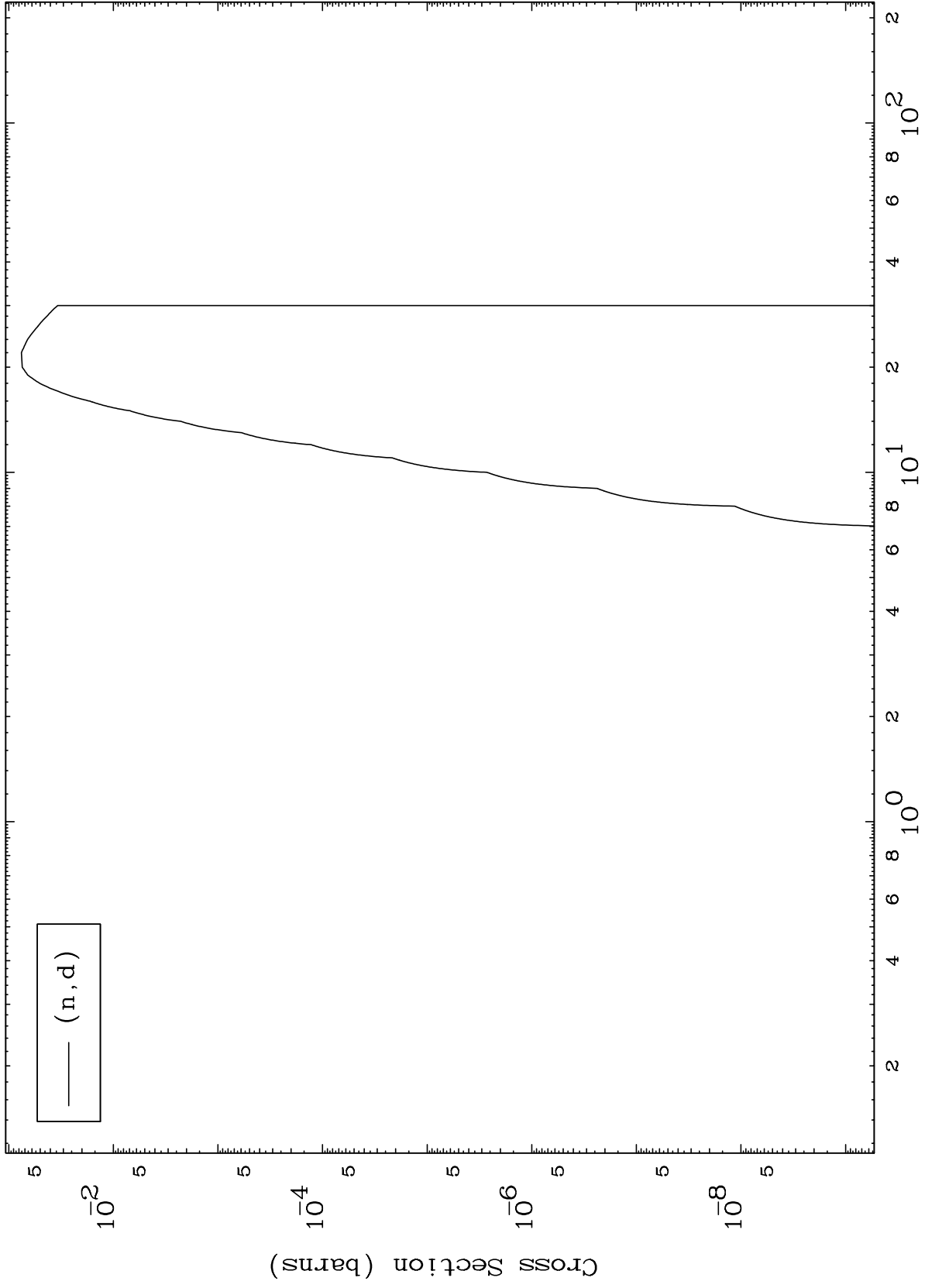




MAT 6134

(He-3,d) Levels  
0 Kelvin Cross Sections

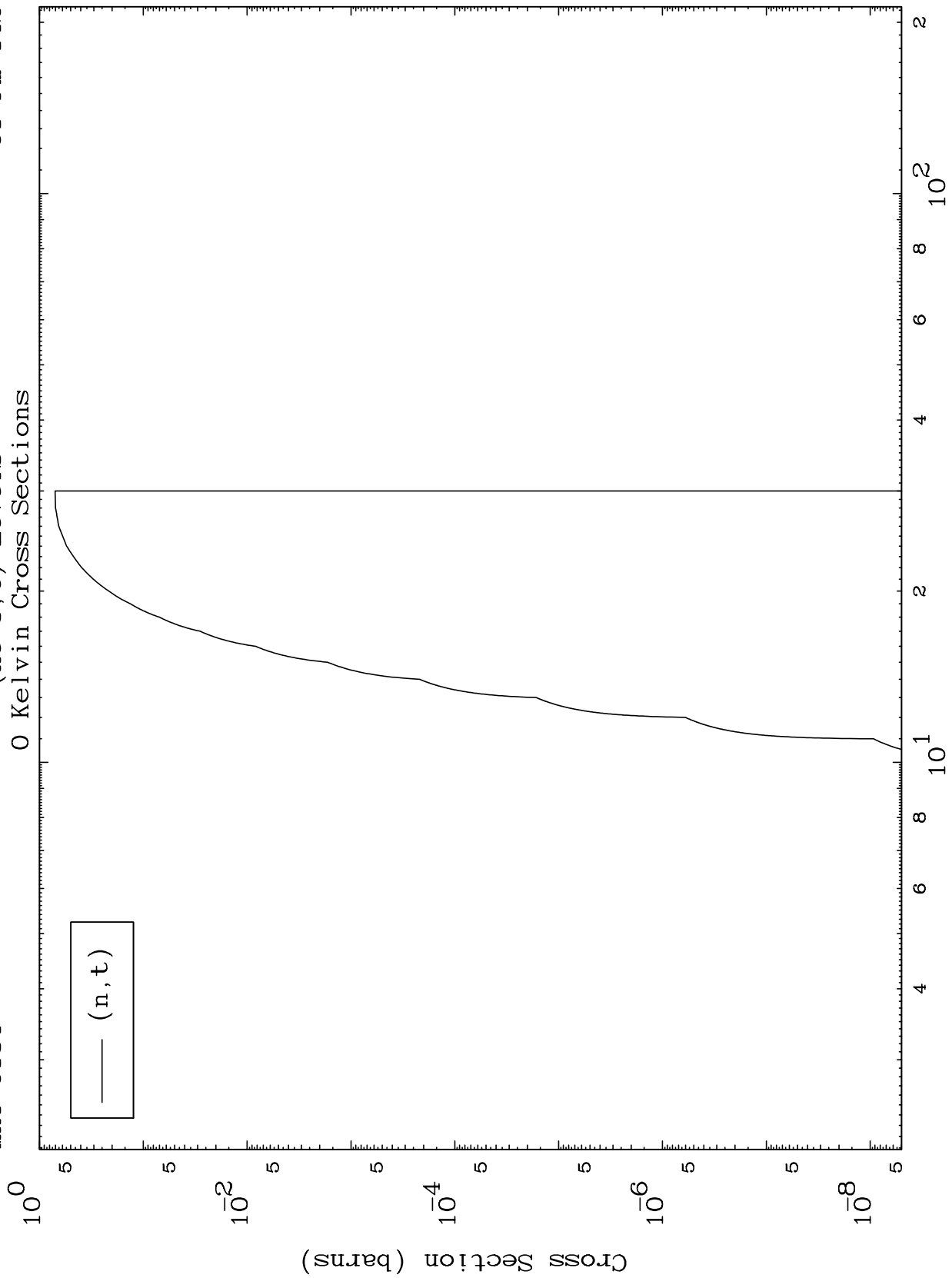
61-Pm-142



MAT 6134

61-Pm-142

(He-3,t) Levels  
0 Kelvin Cross Sections



61-Pm-142

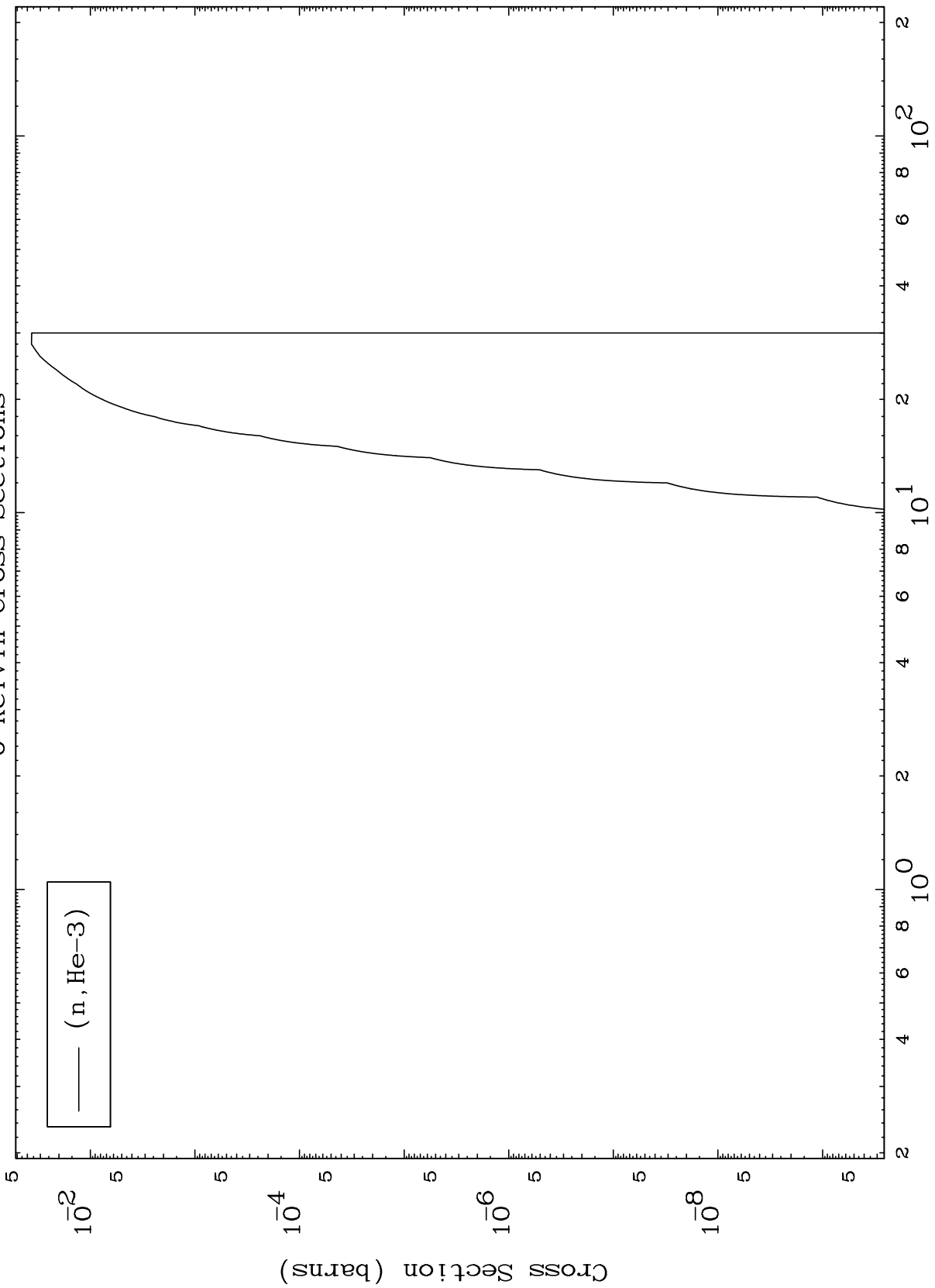
Incident Energy (MeV)

MAT 6134

(He-3, He3) Levels

61-Pm-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

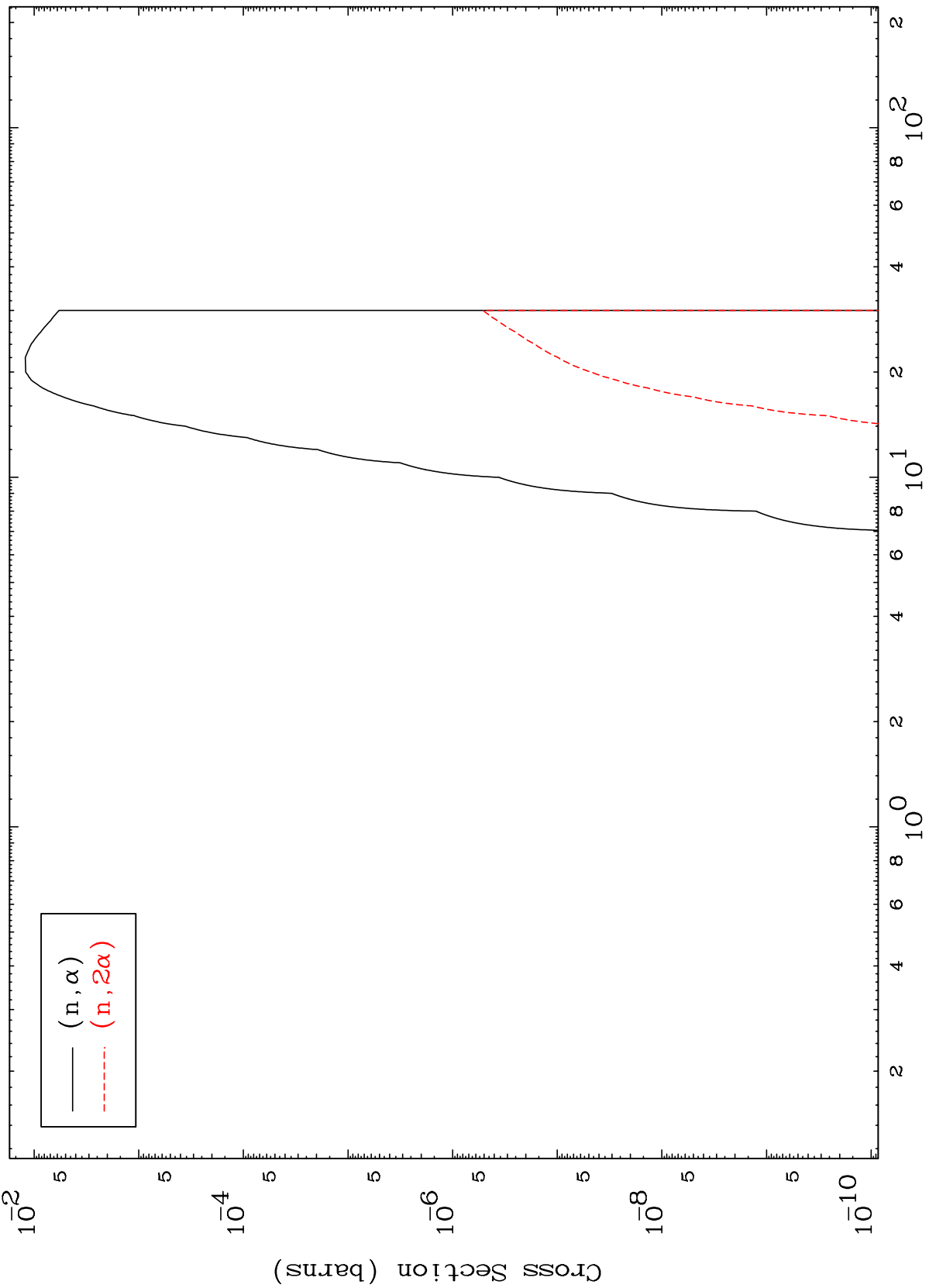
61-Pm-142

MAT 6134

(He-3,  $\alpha$ ) Levels

61-Pm-142

0 Kelvin Cross Sections



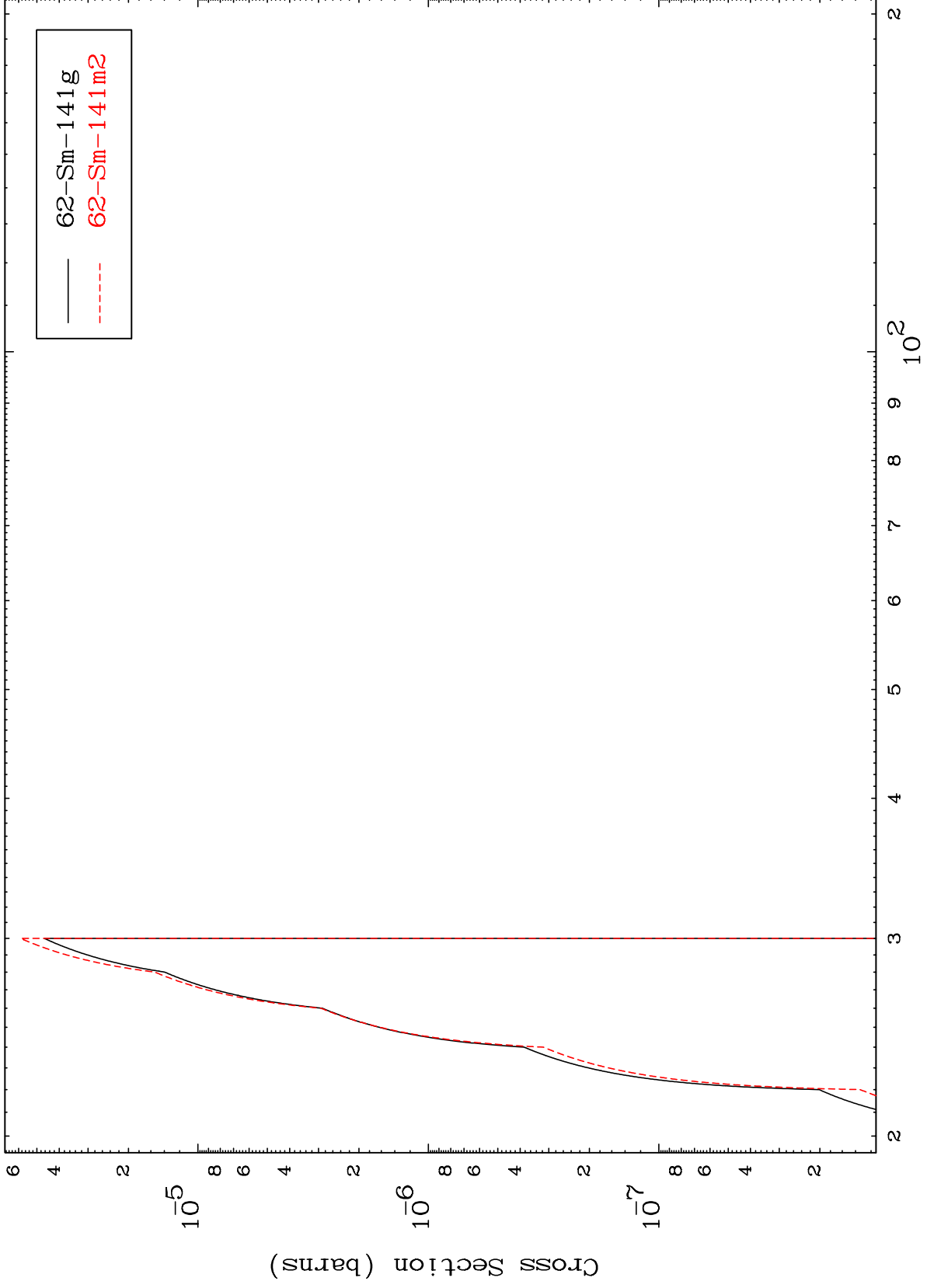
—  $(n, \alpha)$   
- - -  $(n, 2\alpha)$

MAT 6134

(n,2n) d

61-Pm-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

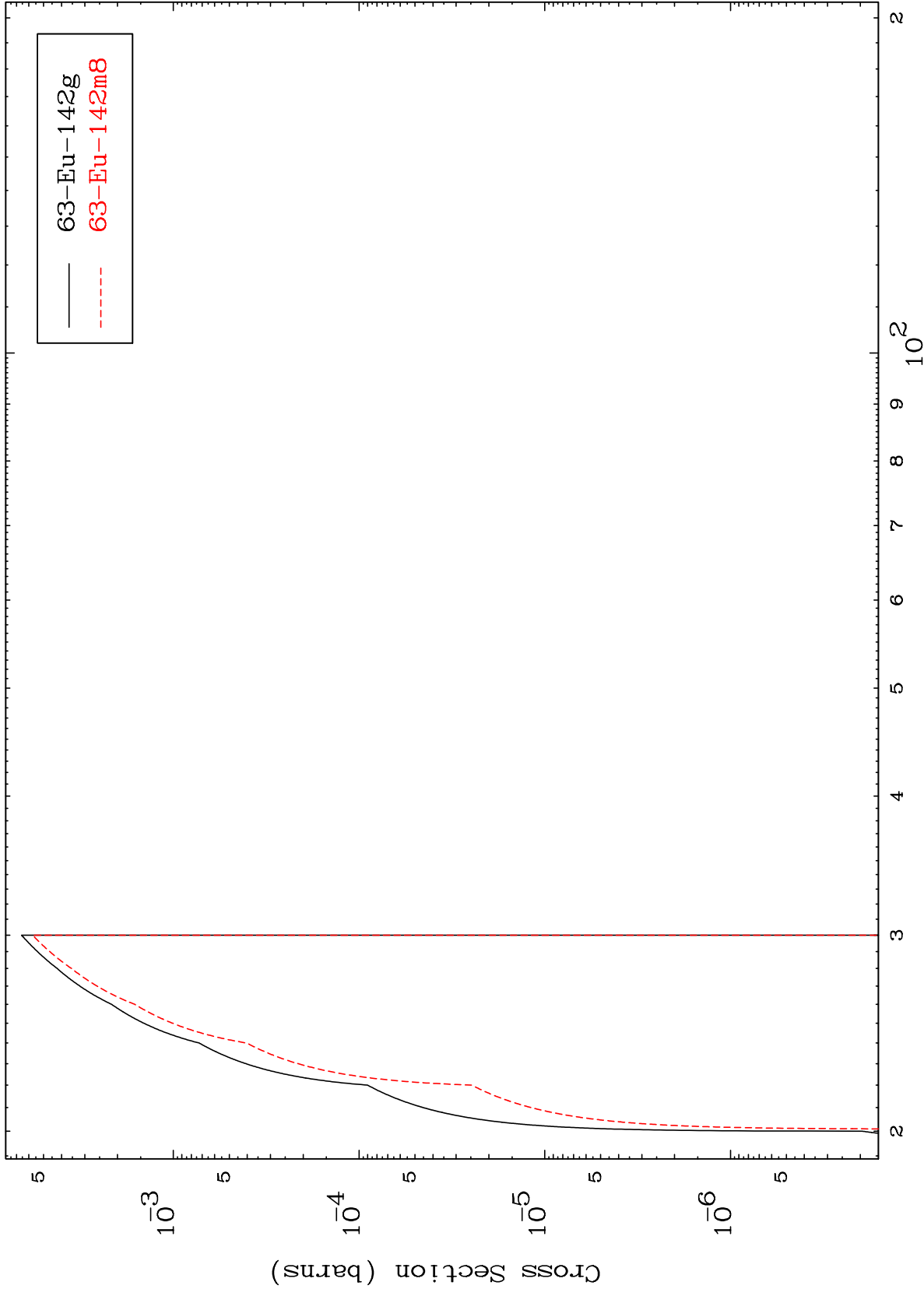
61-Pm-142

MAT 6134

(n,3n)

61-Pm-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

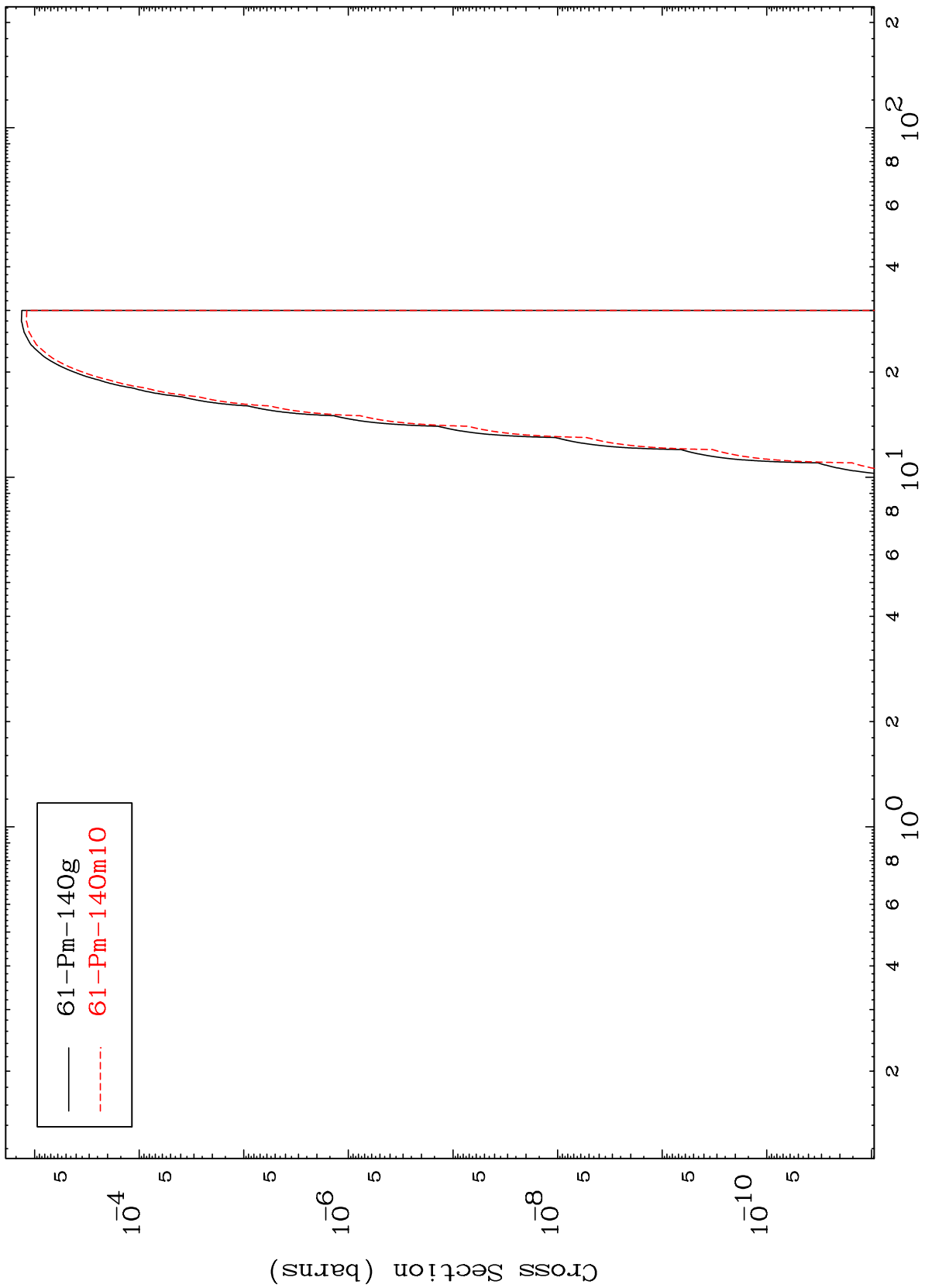
61-Pm-142

MAT 6134

$(n, n') \alpha$

61-Pm-142

Radionuclide Production Cross Section

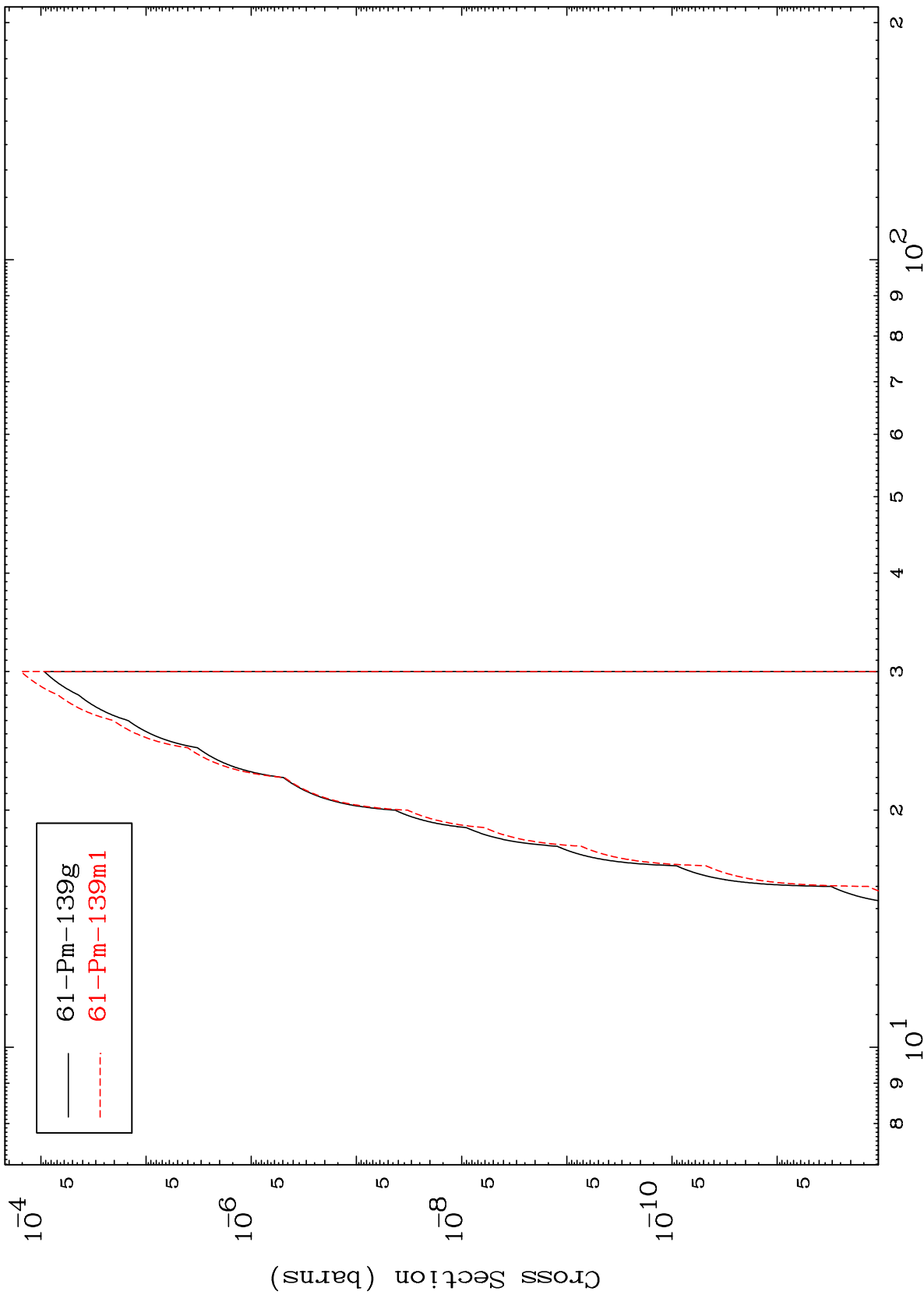


MAT 6134

$(n,2n) \alpha$

61-Pm-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

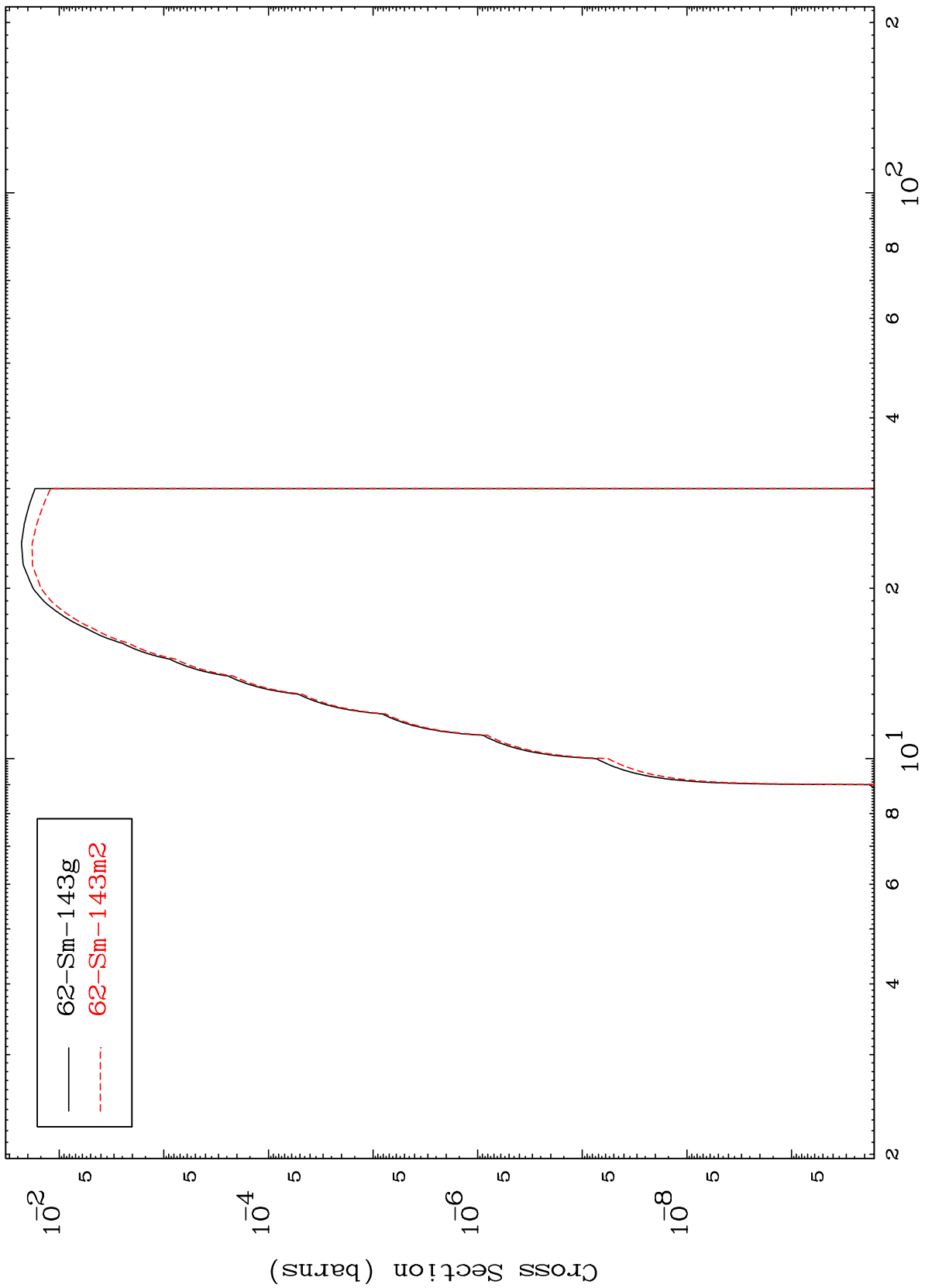
61-Pm-142



MAT 6134

61-Pm-142

(n,n') p  
Radionuclide Production Cross Section



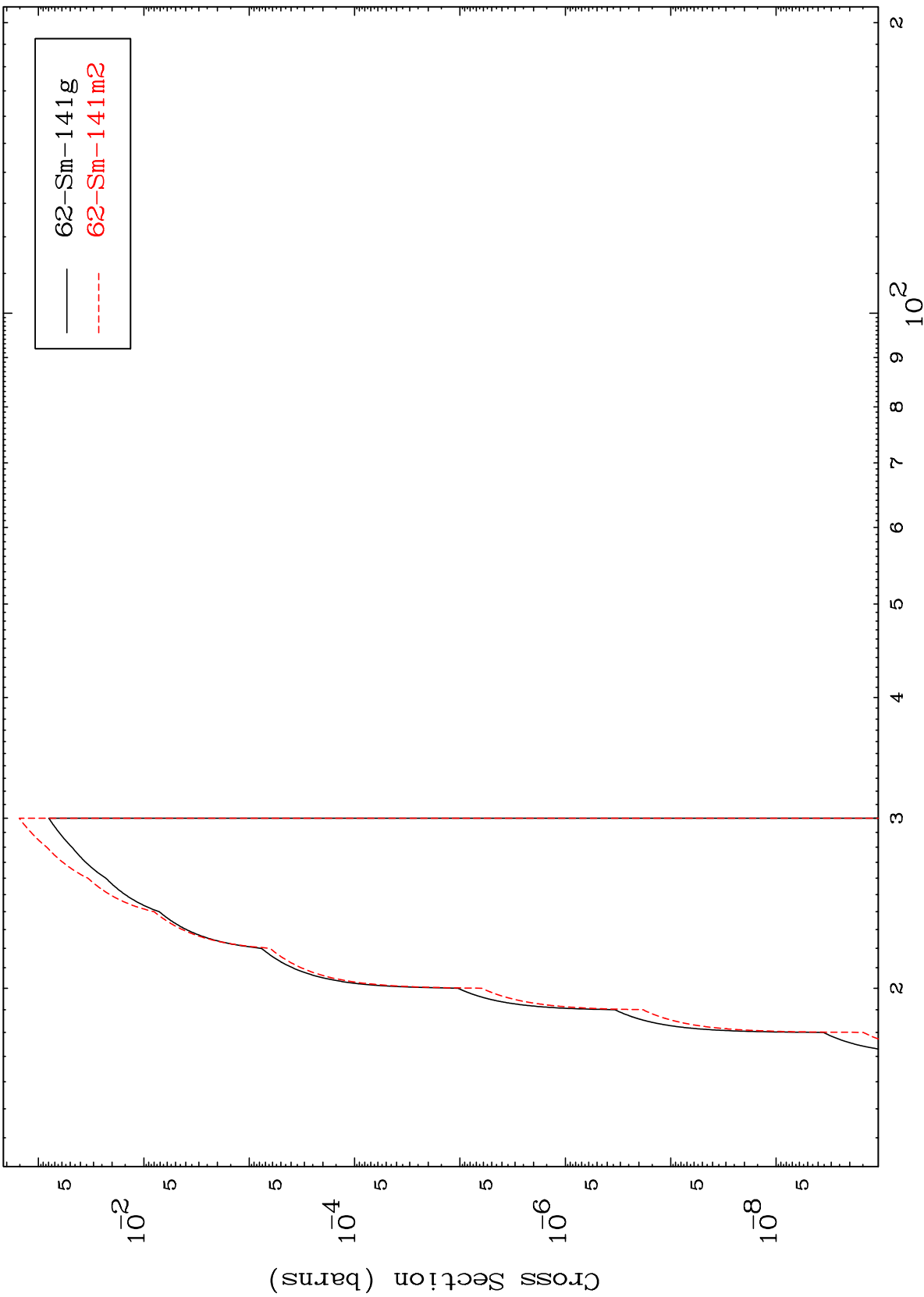
62-Sm-143g  
62-Sm-143m2

61-Pm-142

Incident Energy (MeV)

16

Radionuclide Production Cross Section



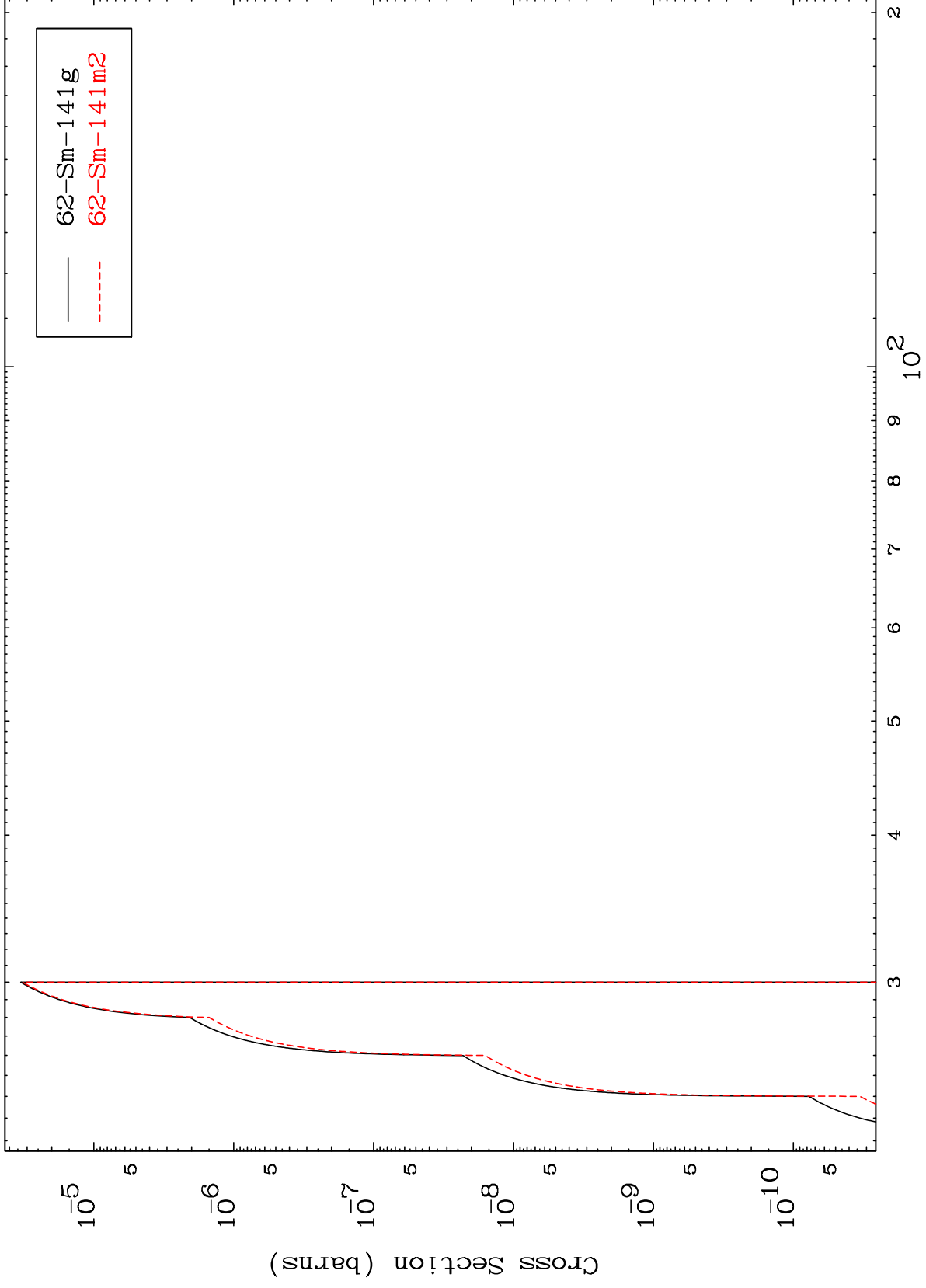
62-Sm-141 g  
62-Sm-141 m2

MAT 6134

(n,3n) p

61-Pm-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

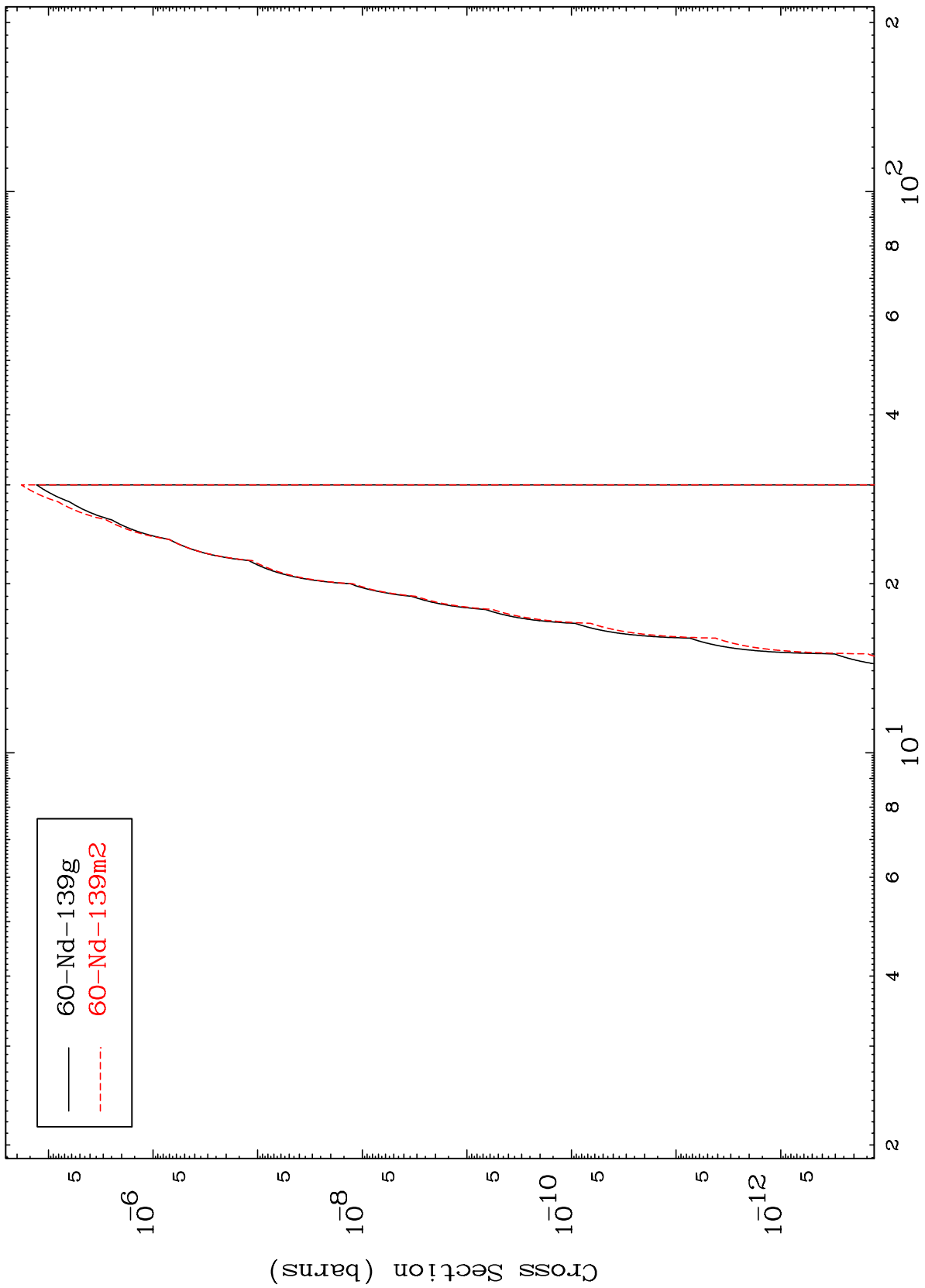
61-Pm-142

MAT 6134

(n,n') p  $\alpha$

61-Pm-142

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

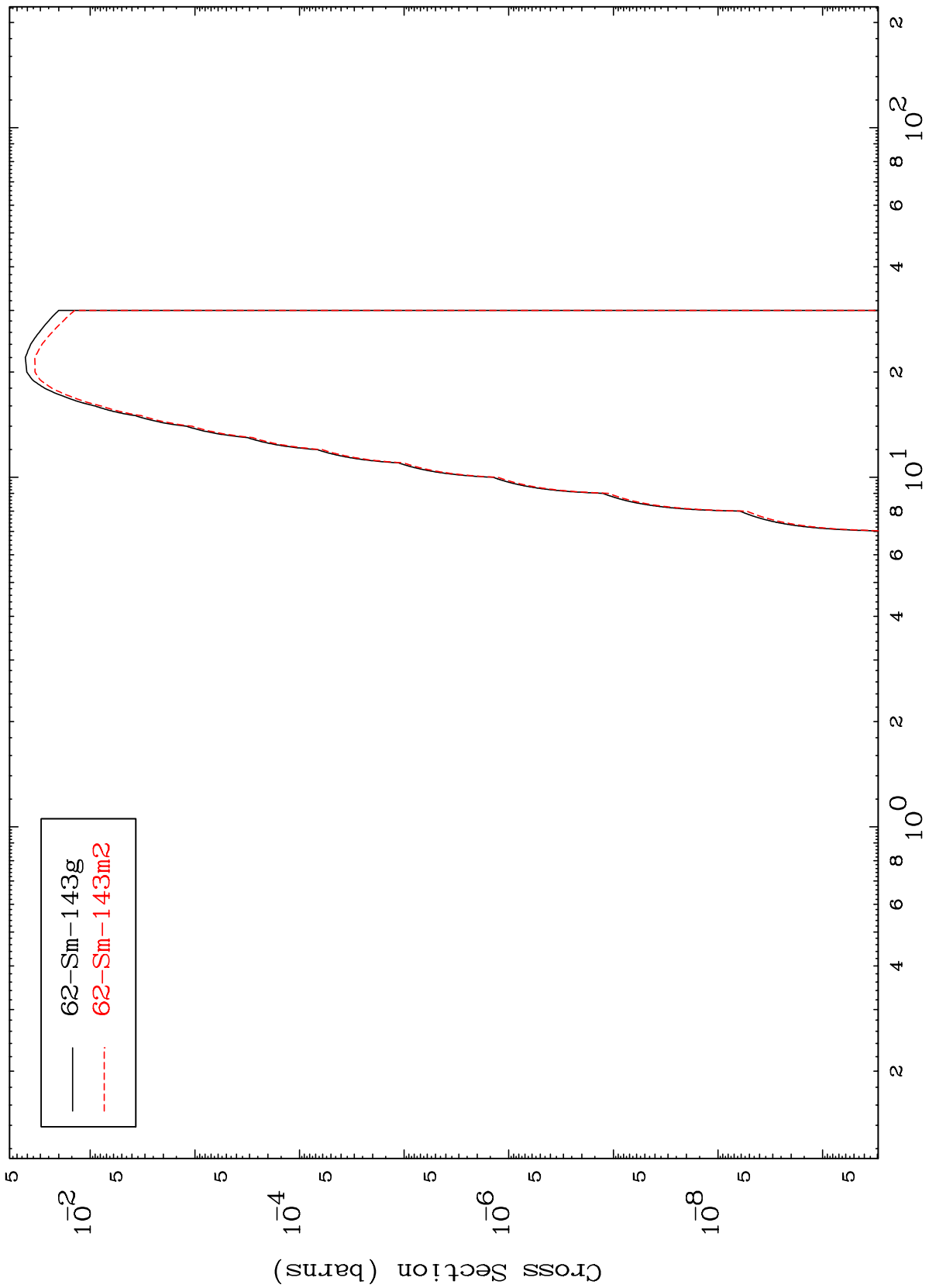
61-Pm-142

MAT 6134

(n,d)

61-Pm-142

Radionuclide Production Cross Section



62-Sm-143g  
62-Sm-143m2

MAT 6134

(n,d)  $\alpha$

61-Pm-142

Radionuclide Production Cross Section

