

Program EVALPLOT  
(Version 2021-1)

by

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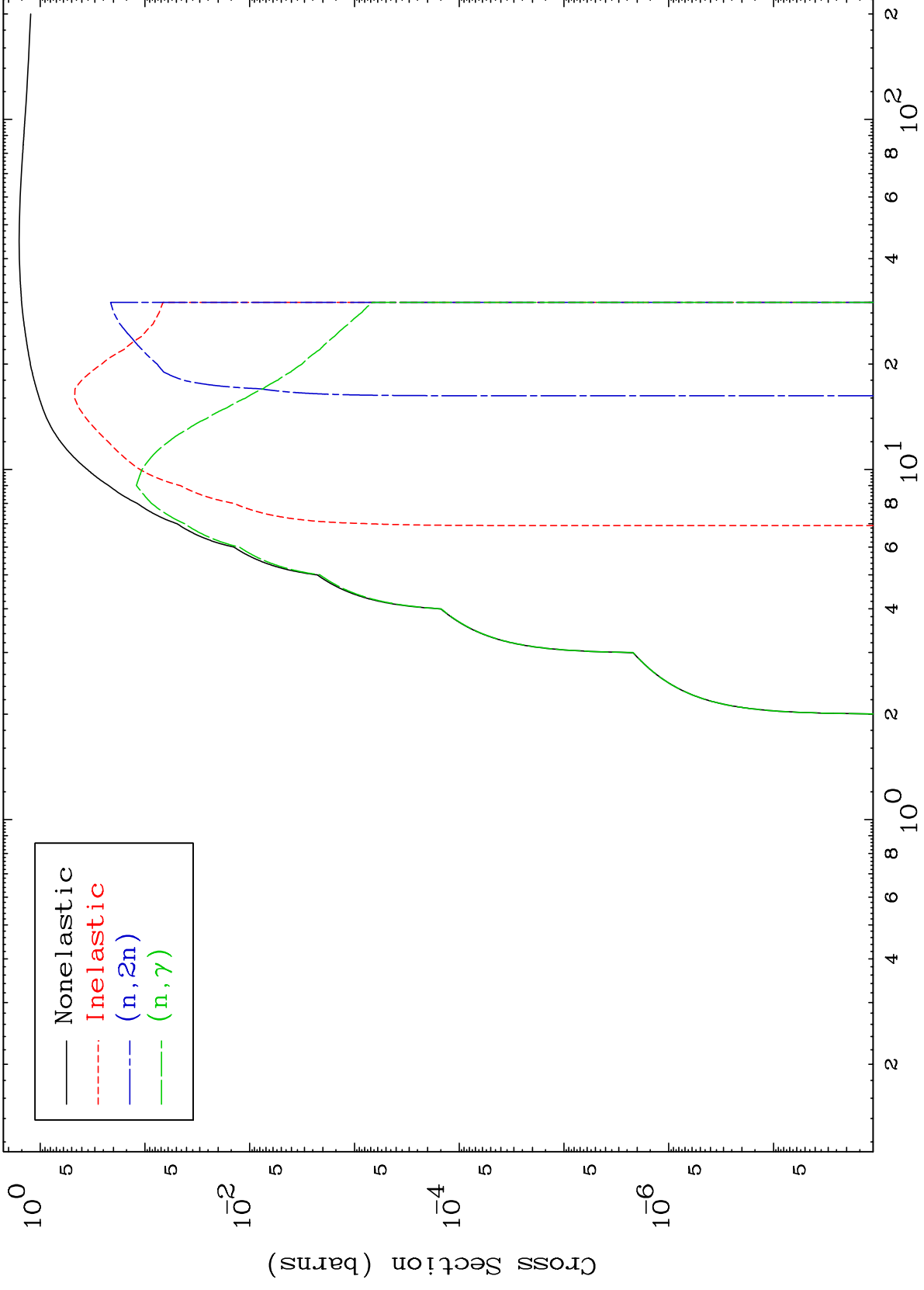
Press Mouse Button to Start

MAT 6119

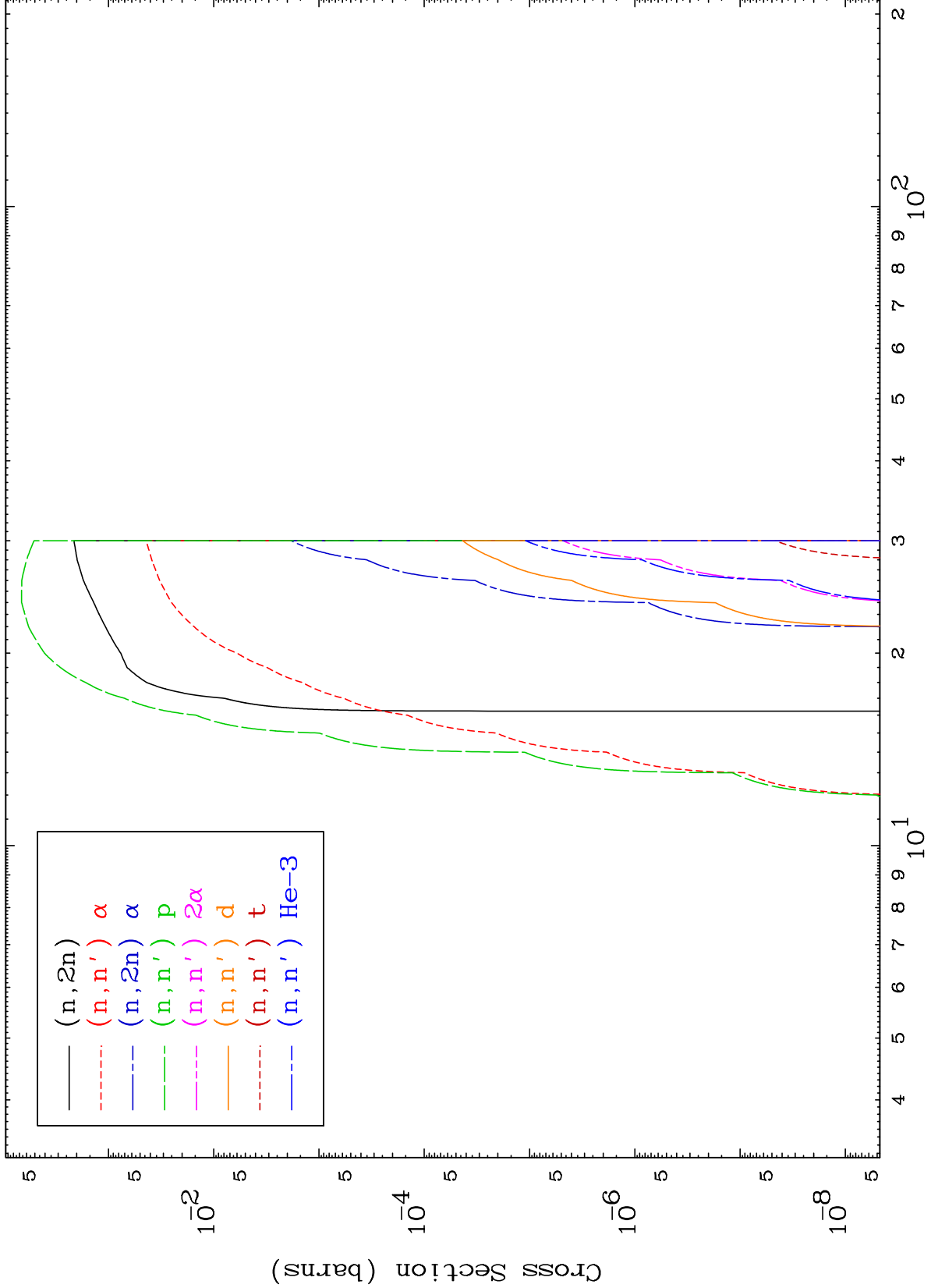
Proton Major

61-Pm-137

0 Kelvin Cross Sections



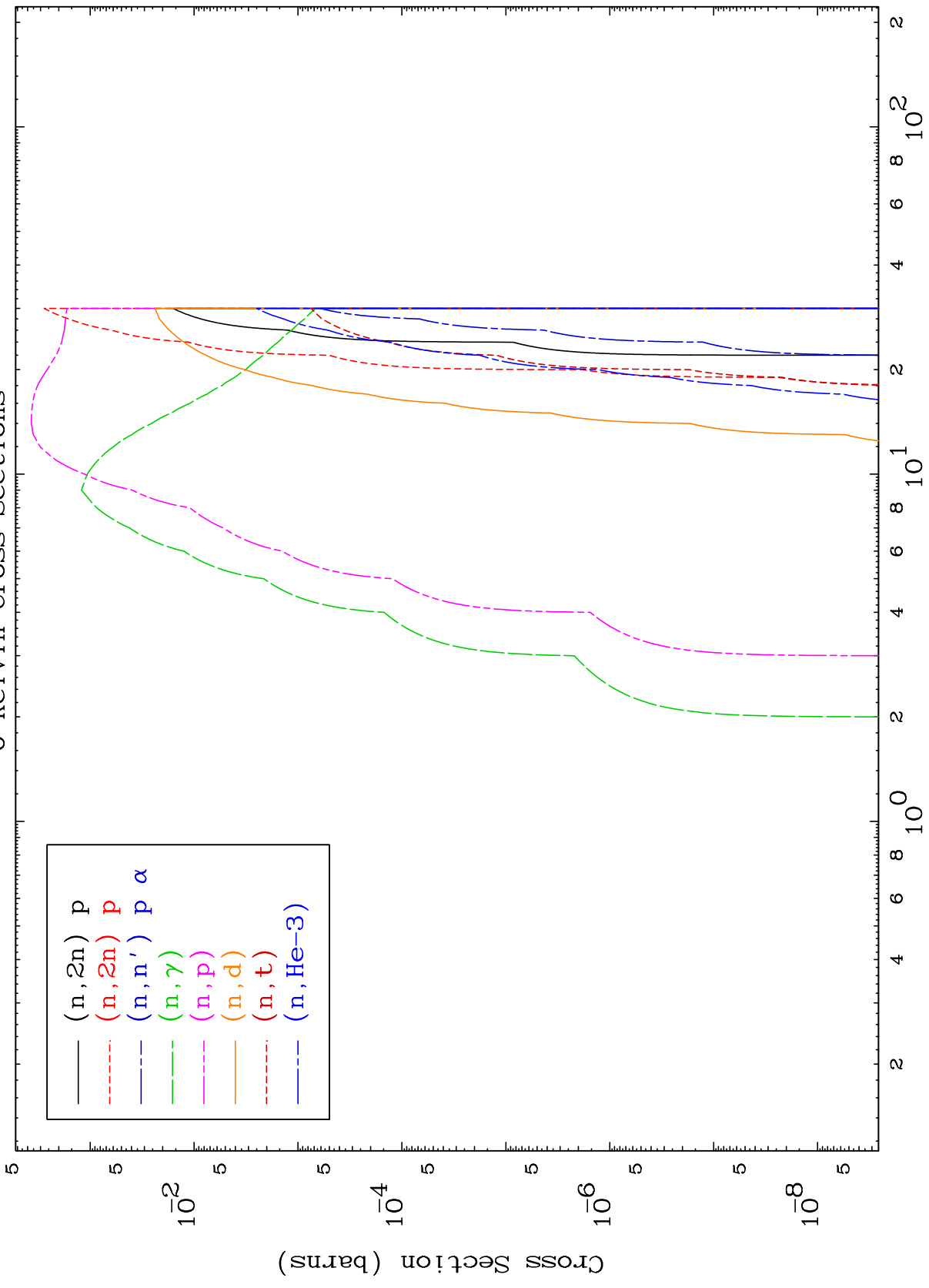
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)



MAT 6119

Proton Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-137



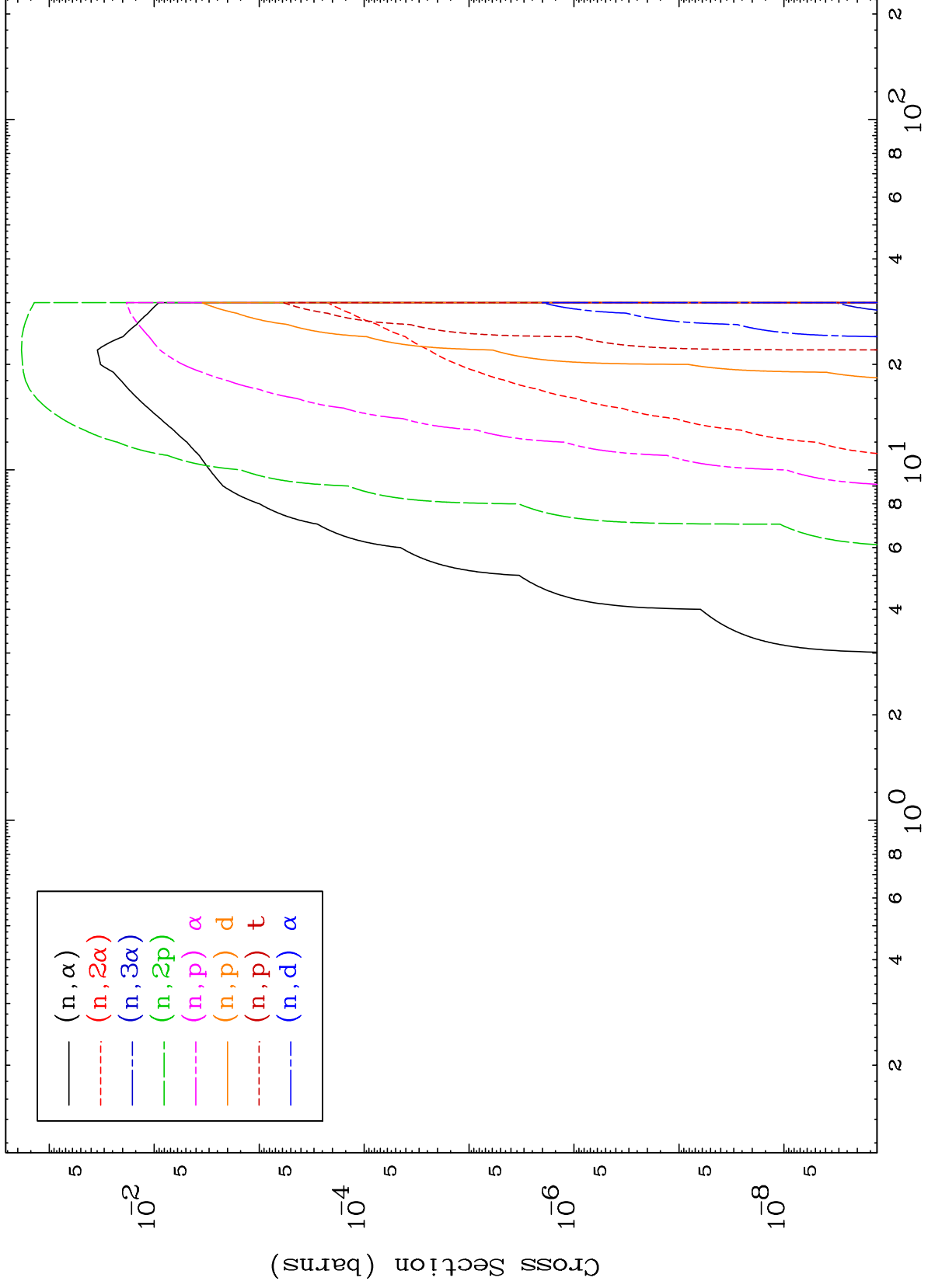
61-Pm-137

Incident Energy (MeV)

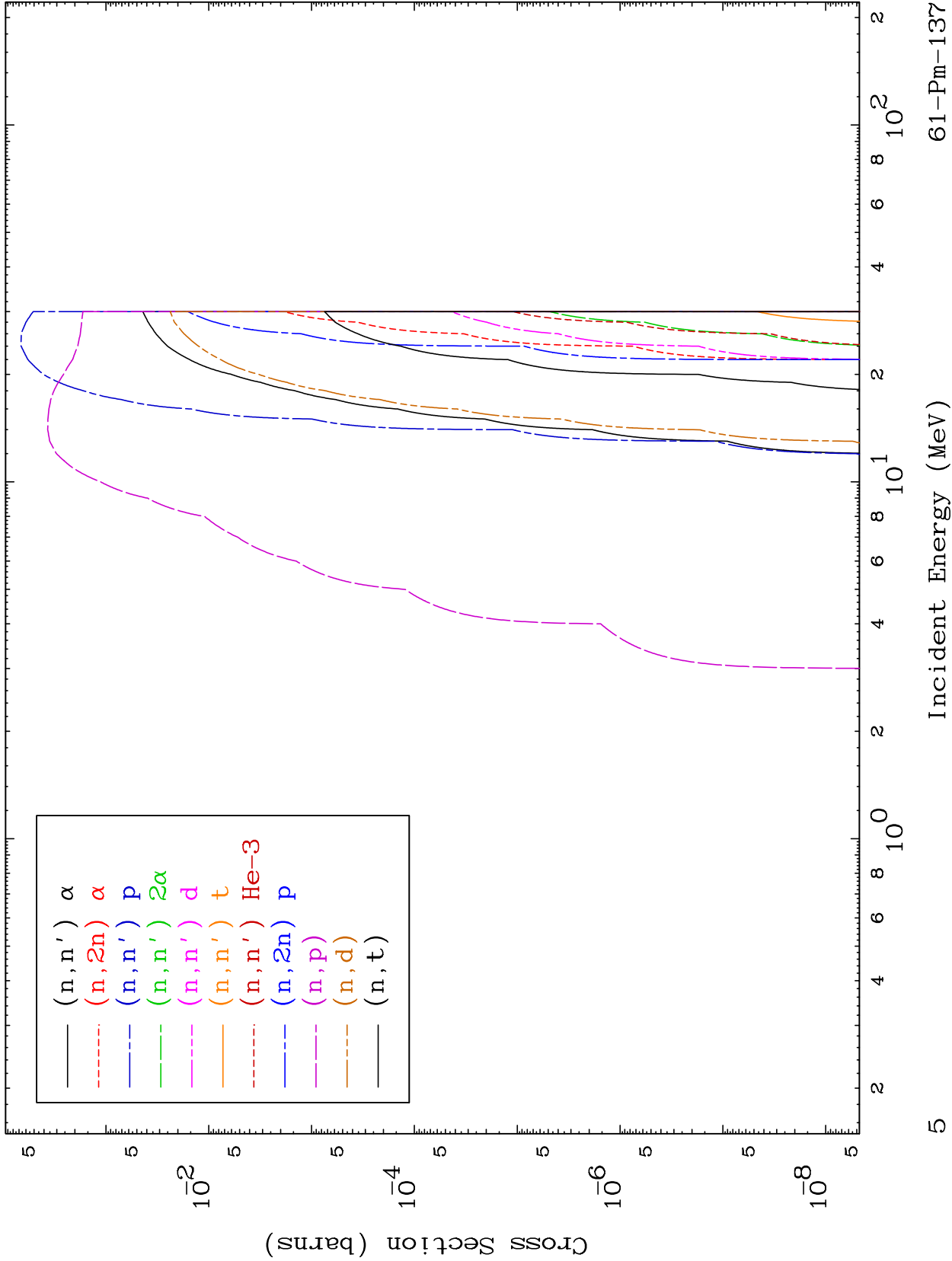
MAT 6119

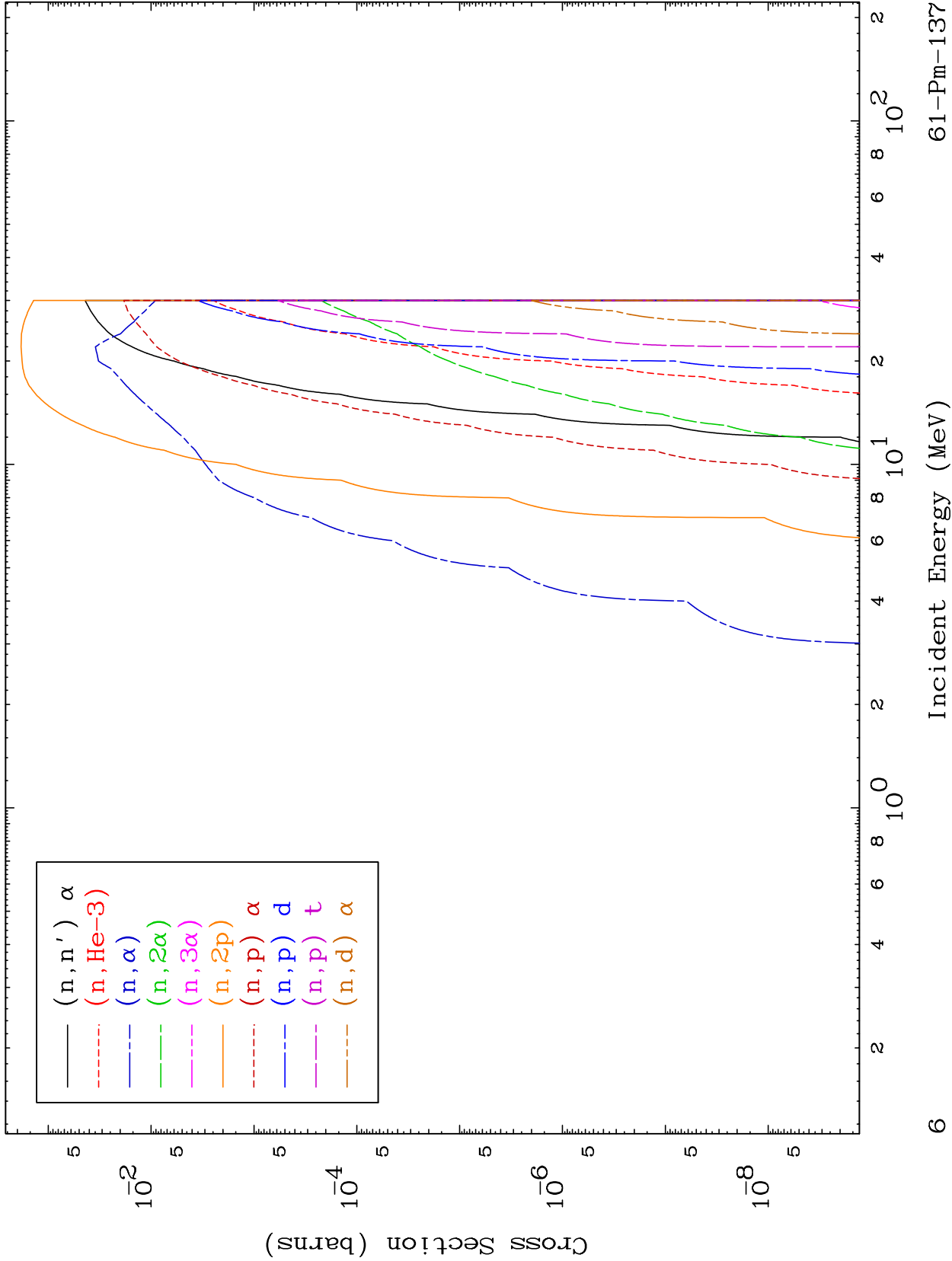
Proton Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-137



61-Pm-137



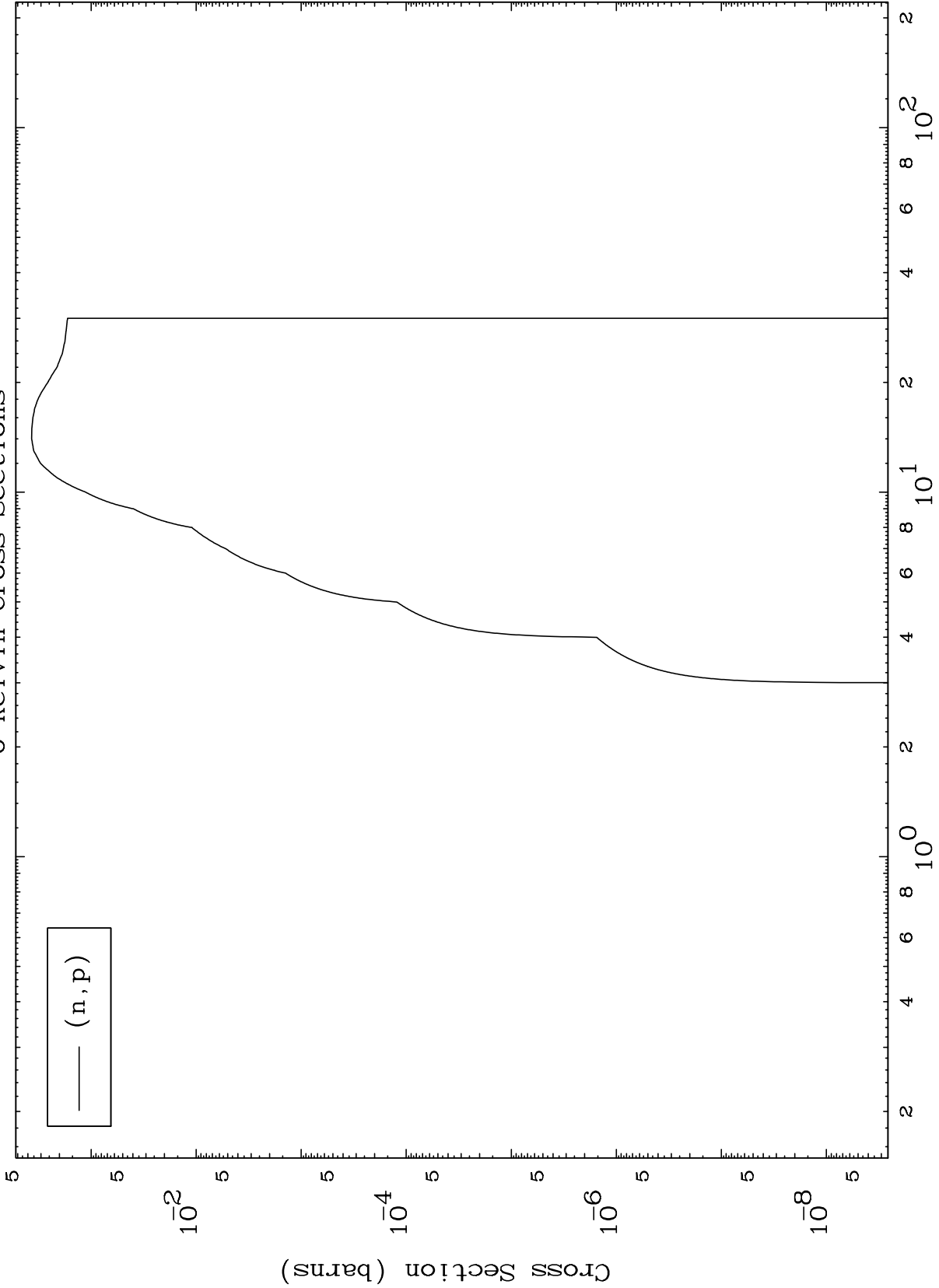


MAT 6119

(p,p) Levels

61-Pm-137

0 Kelvin Cross Sections

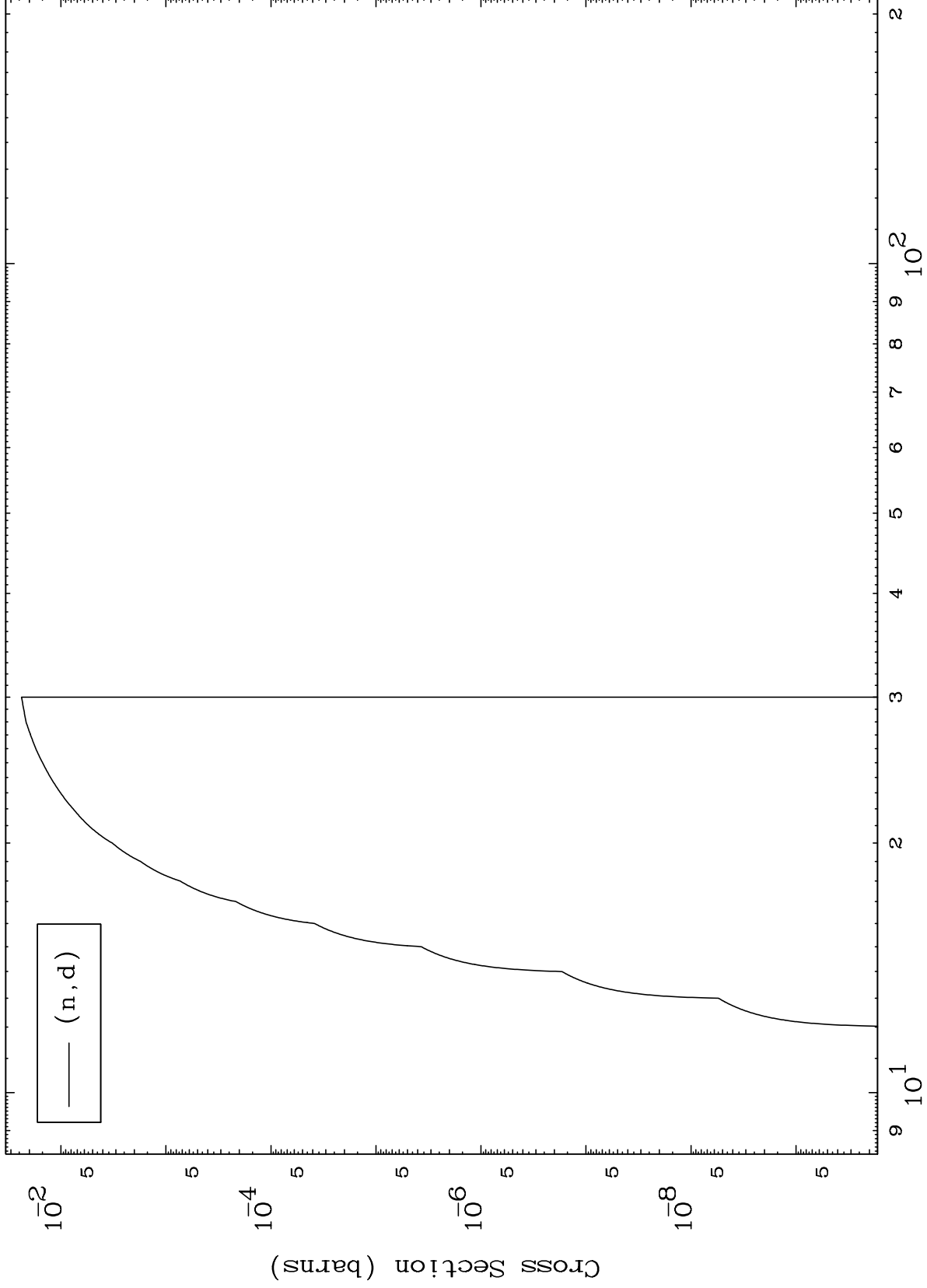




MAT 6119

(p,d) Levels  
0 Kelvin Cross Sections

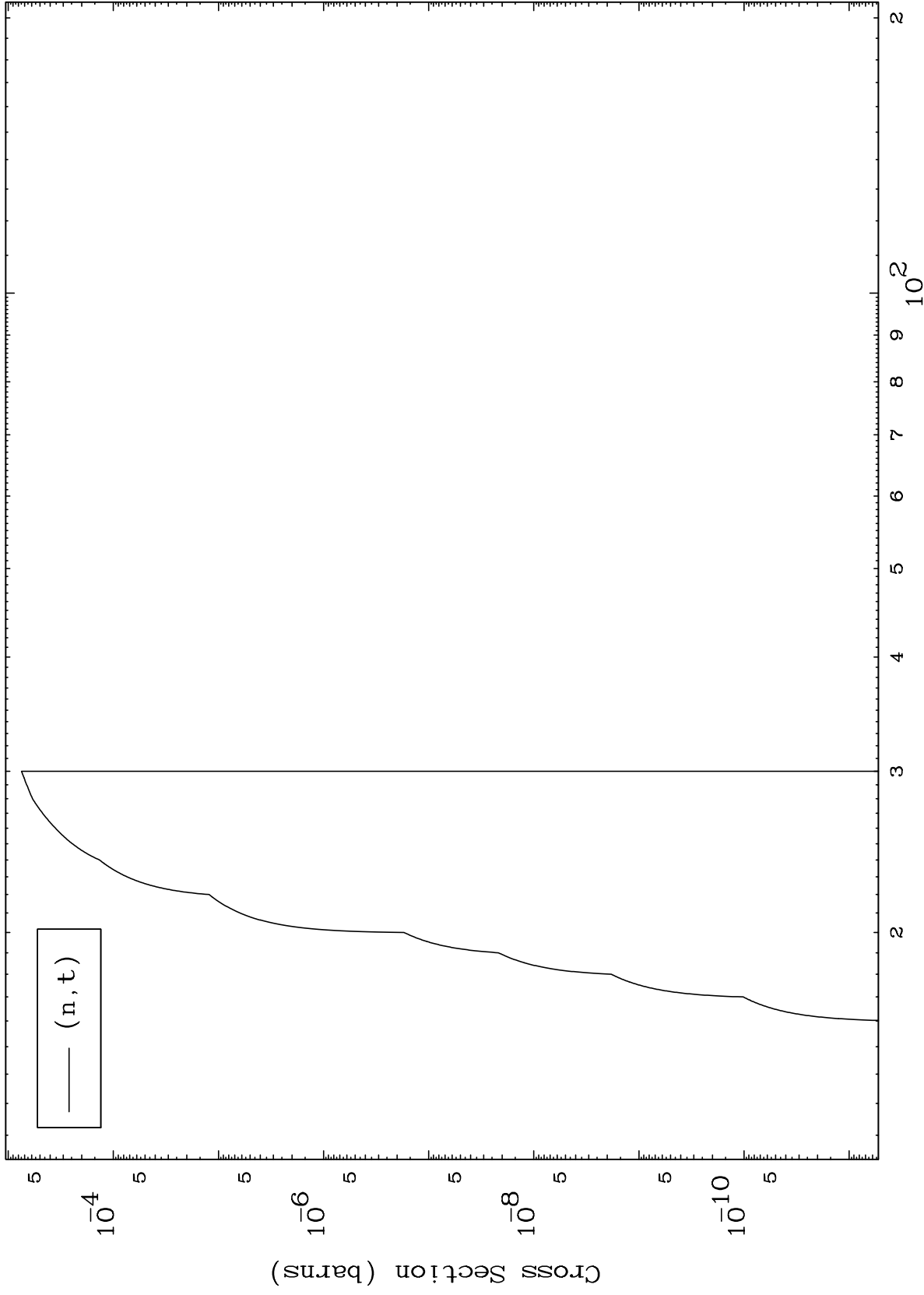
61-Pm-137



Incident Energy (MeV)

61-Pm-137

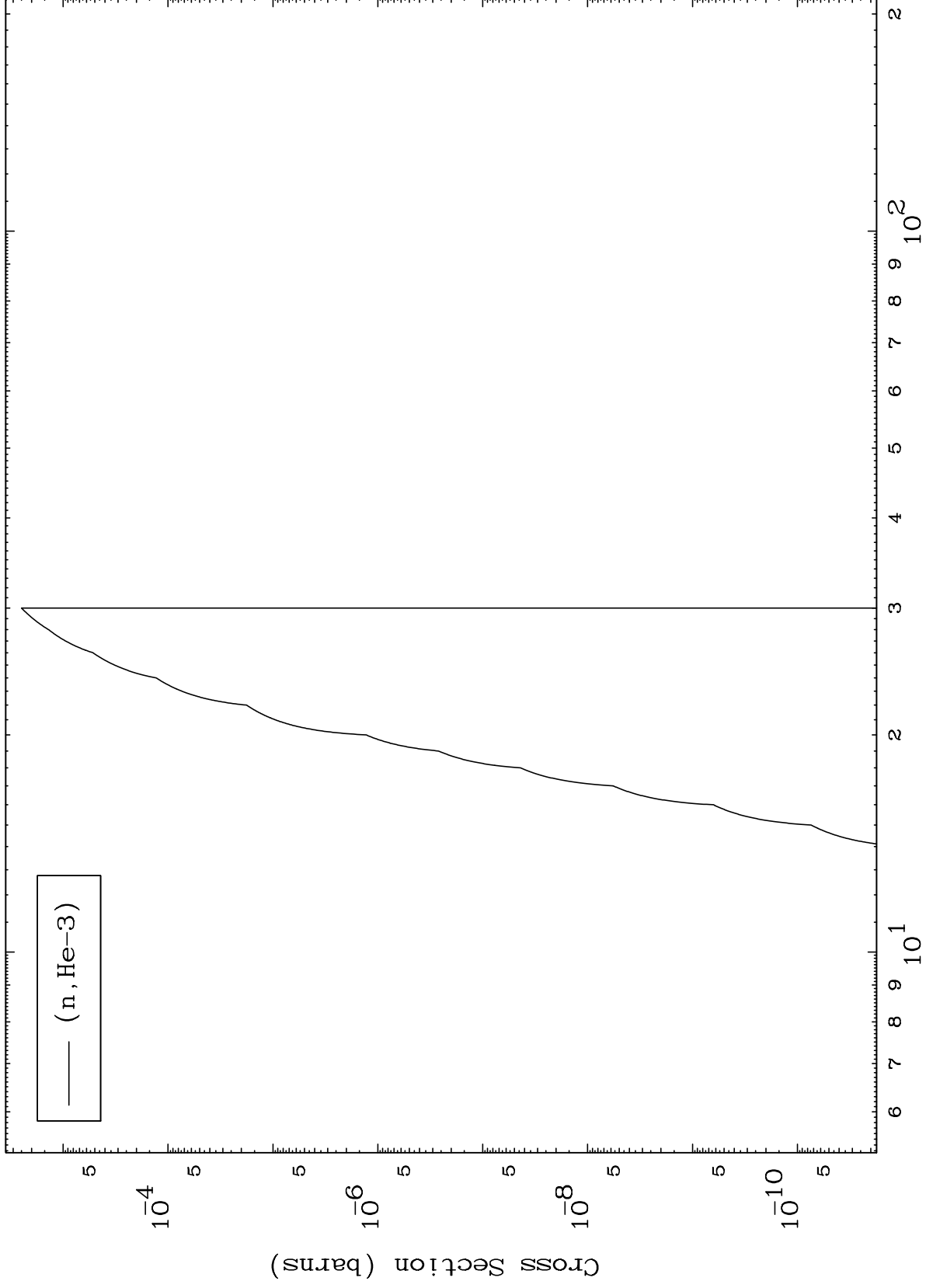
8



MAT 6119

(p,He3) Levels  
0 Kelvin Cross Sections

61-Pm-137



10

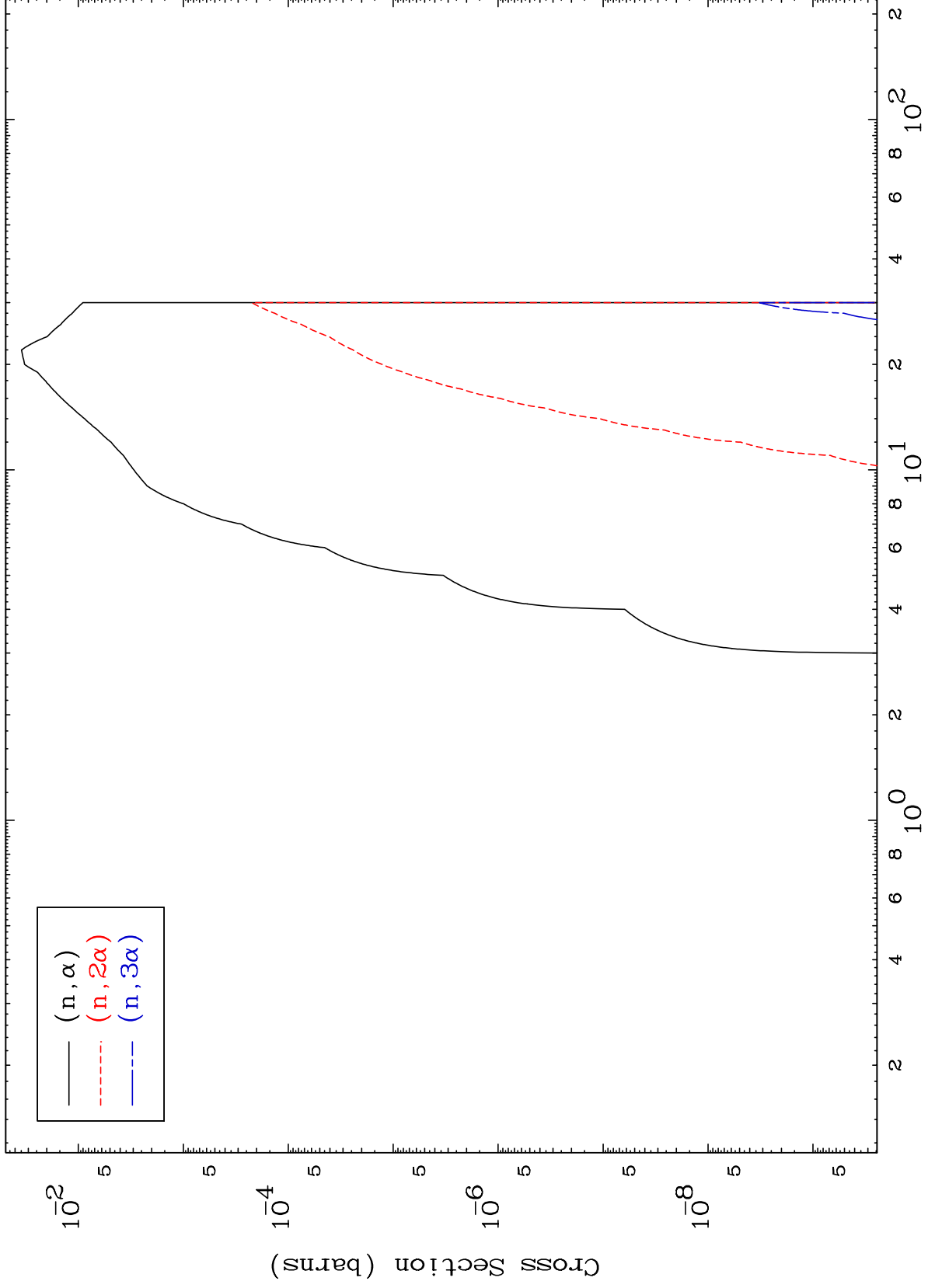
Incident Energy (MeV)

61-Pm-137

MAT 6119

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

61-Pm-137

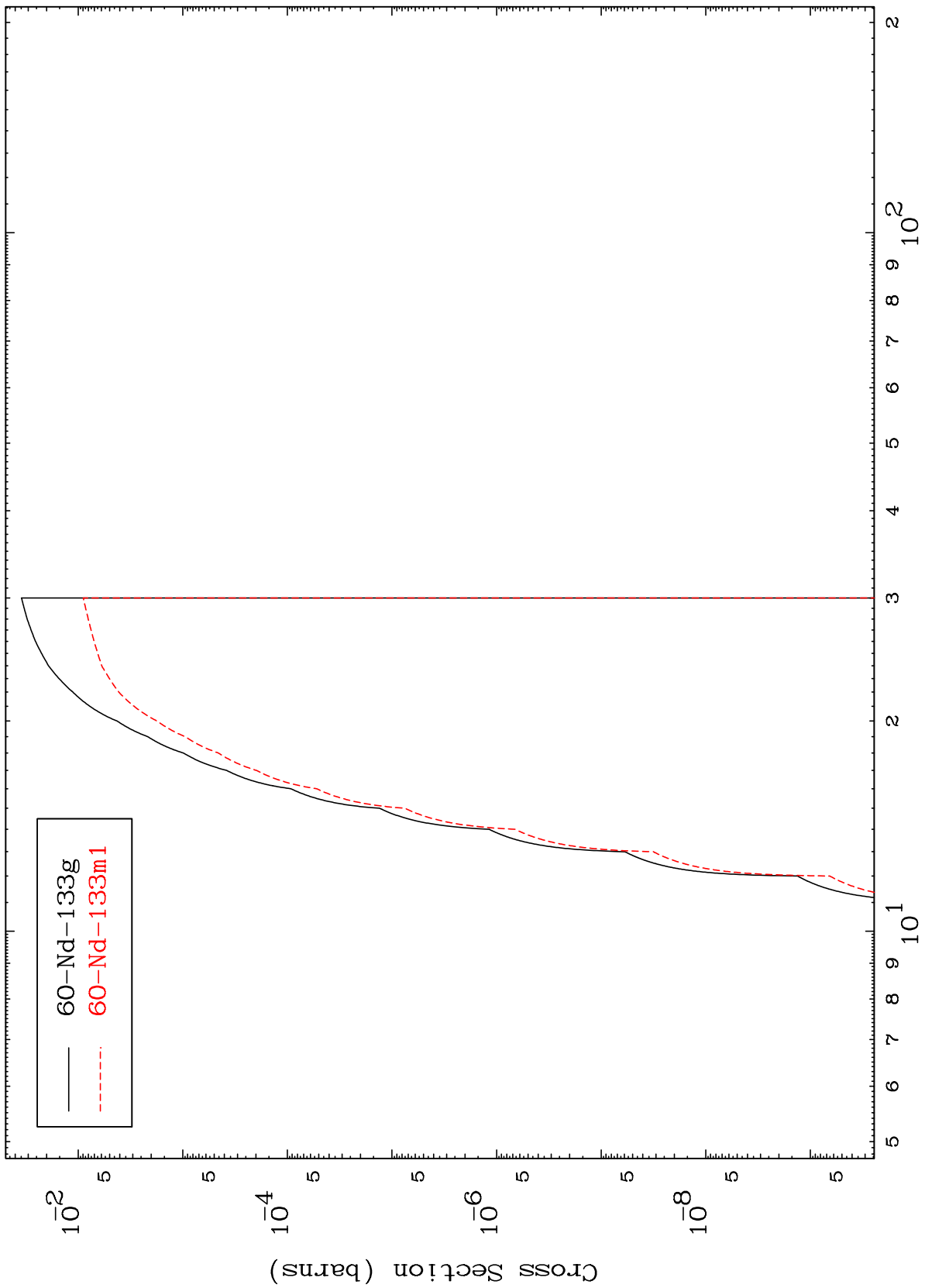


MAT 6119

$(n, n') \alpha$

61-Pm-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

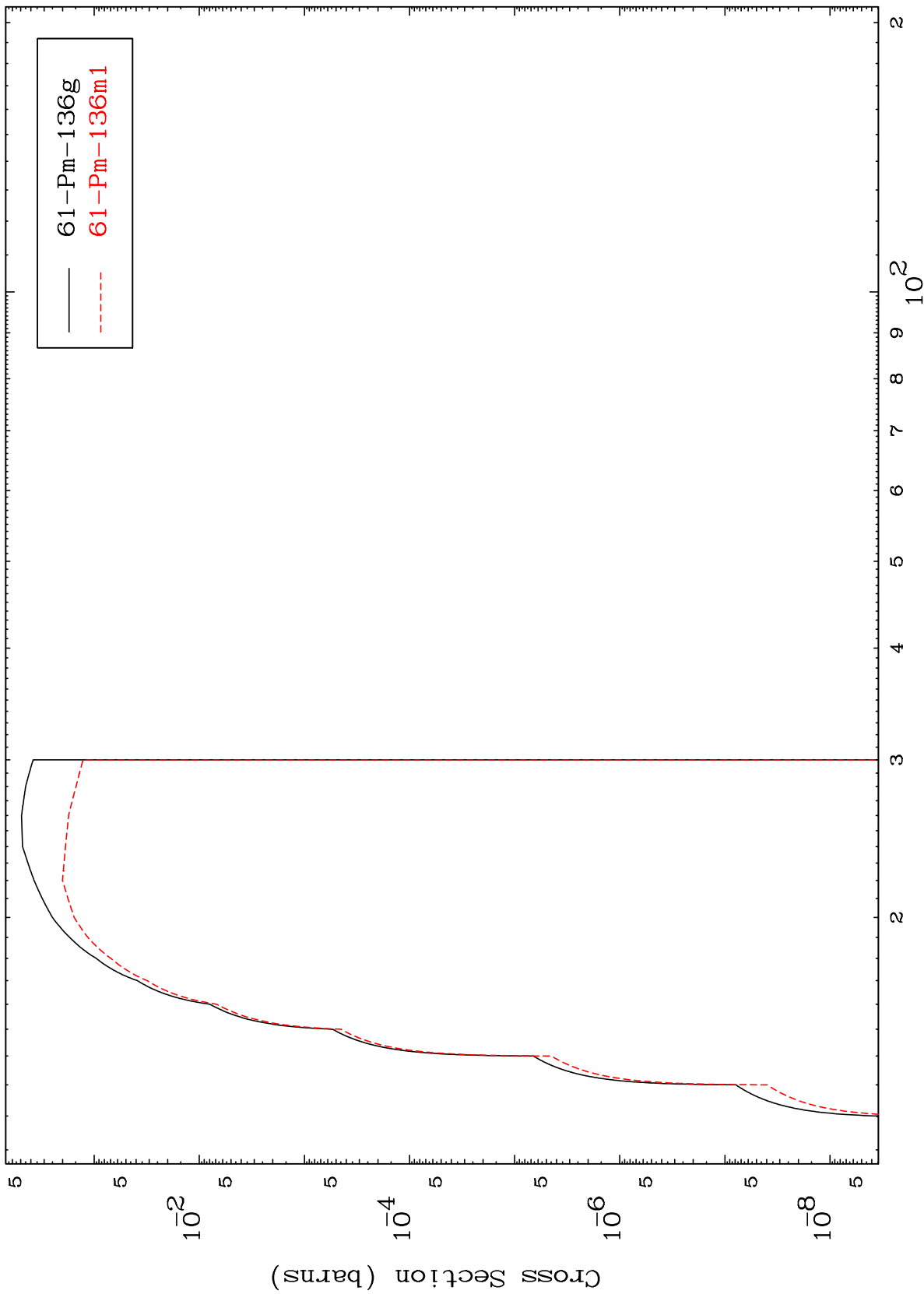
61-Pm-137

MAT 6119

(n,n') p

61-Pm-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

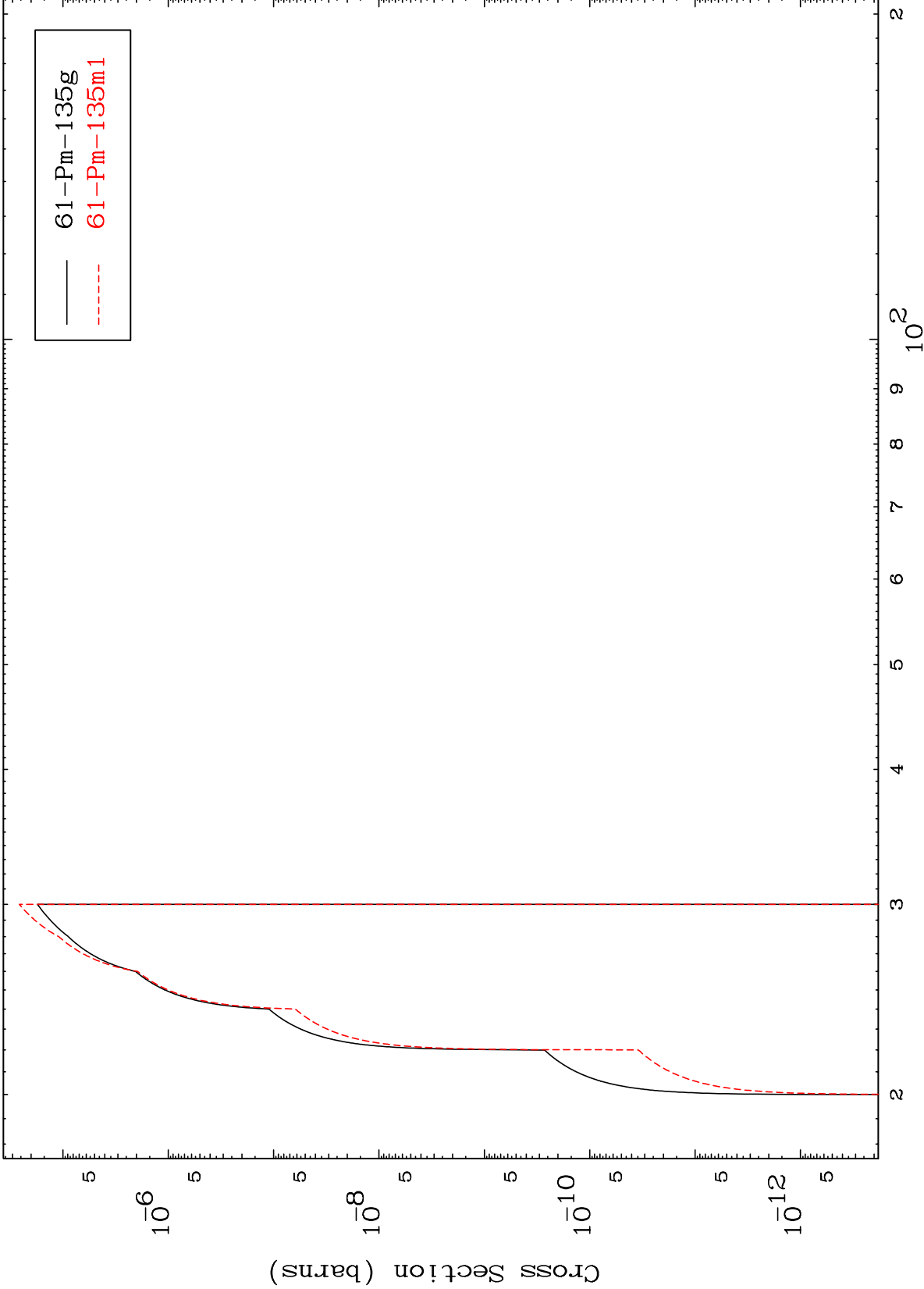
61-Pm-137

MAT 6119

(n,n') d

61-Pm-137

Radionuclide Production Cross Section



61-Pm-135g  
61-Pm-135m1

14

Incident Energy (MeV)

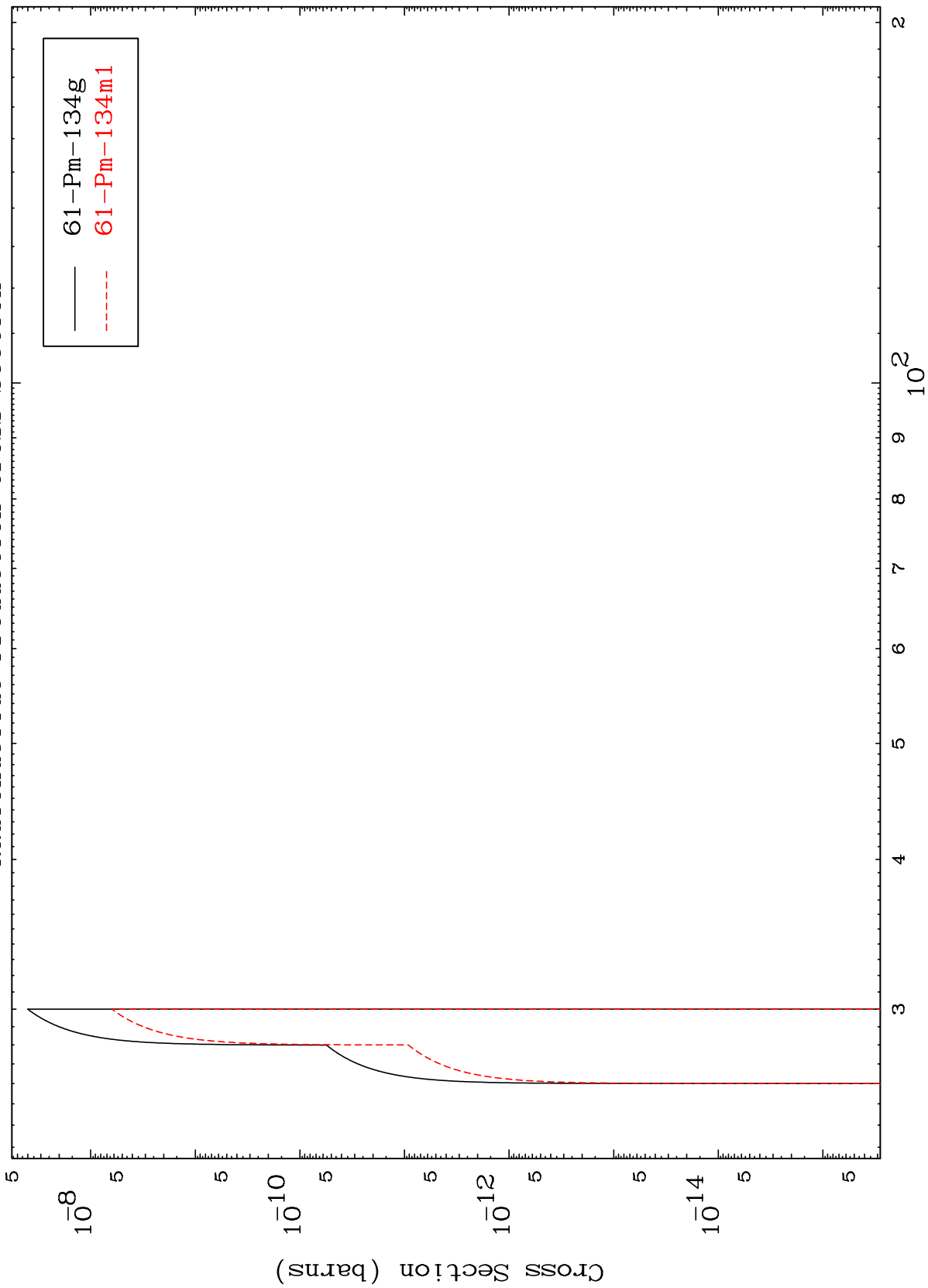
61-Pm-137

MAT 6119

(n,n') t

61-Pm-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-137

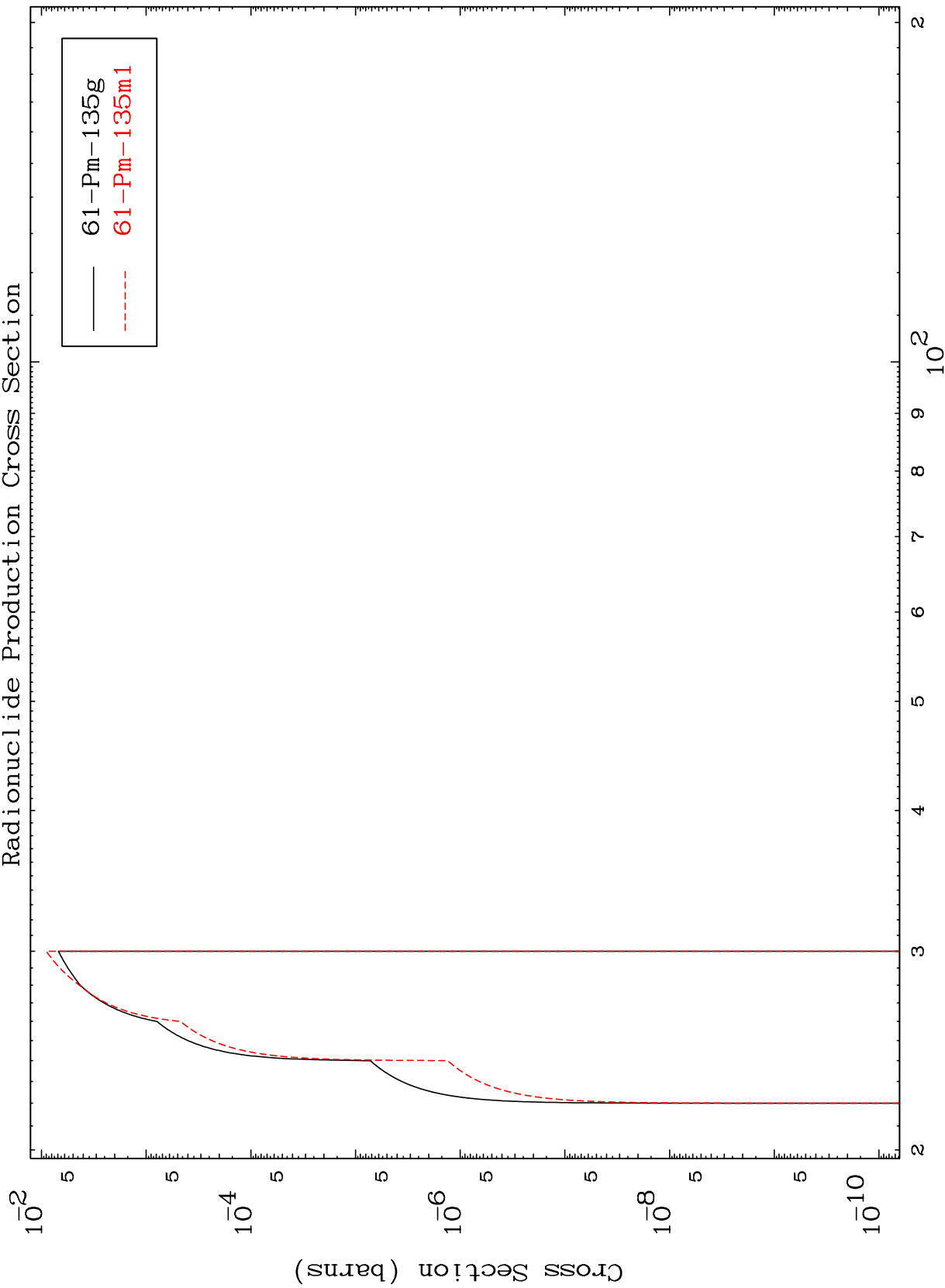


MAT 6119

(n,2n) p

61-Pm-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

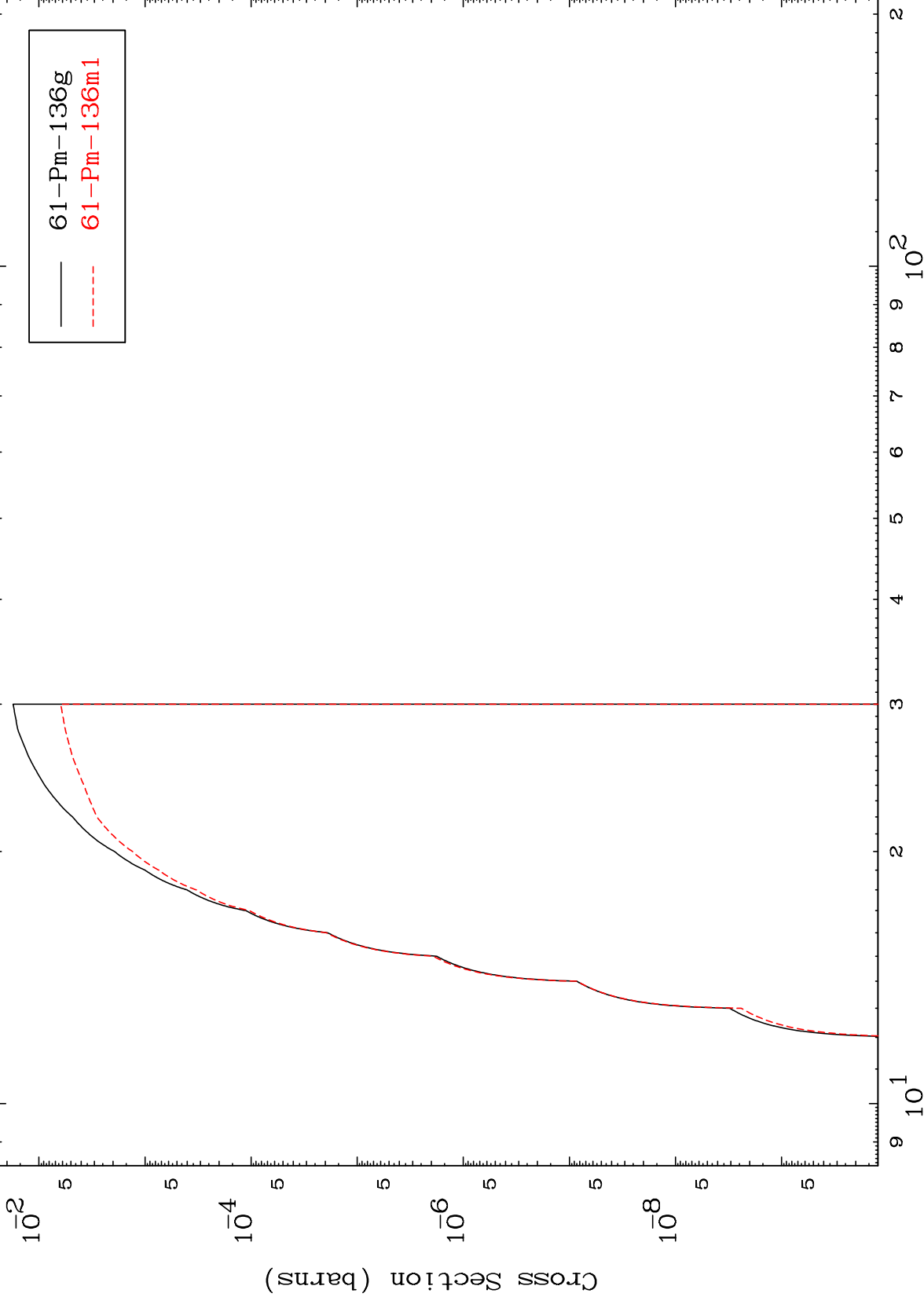
61-Pm-137

MAT 6119

(n,d)

61-Pm-137

Radionuclide Production Cross Section



61-Pm-136g  
61-Pm-136m1

17

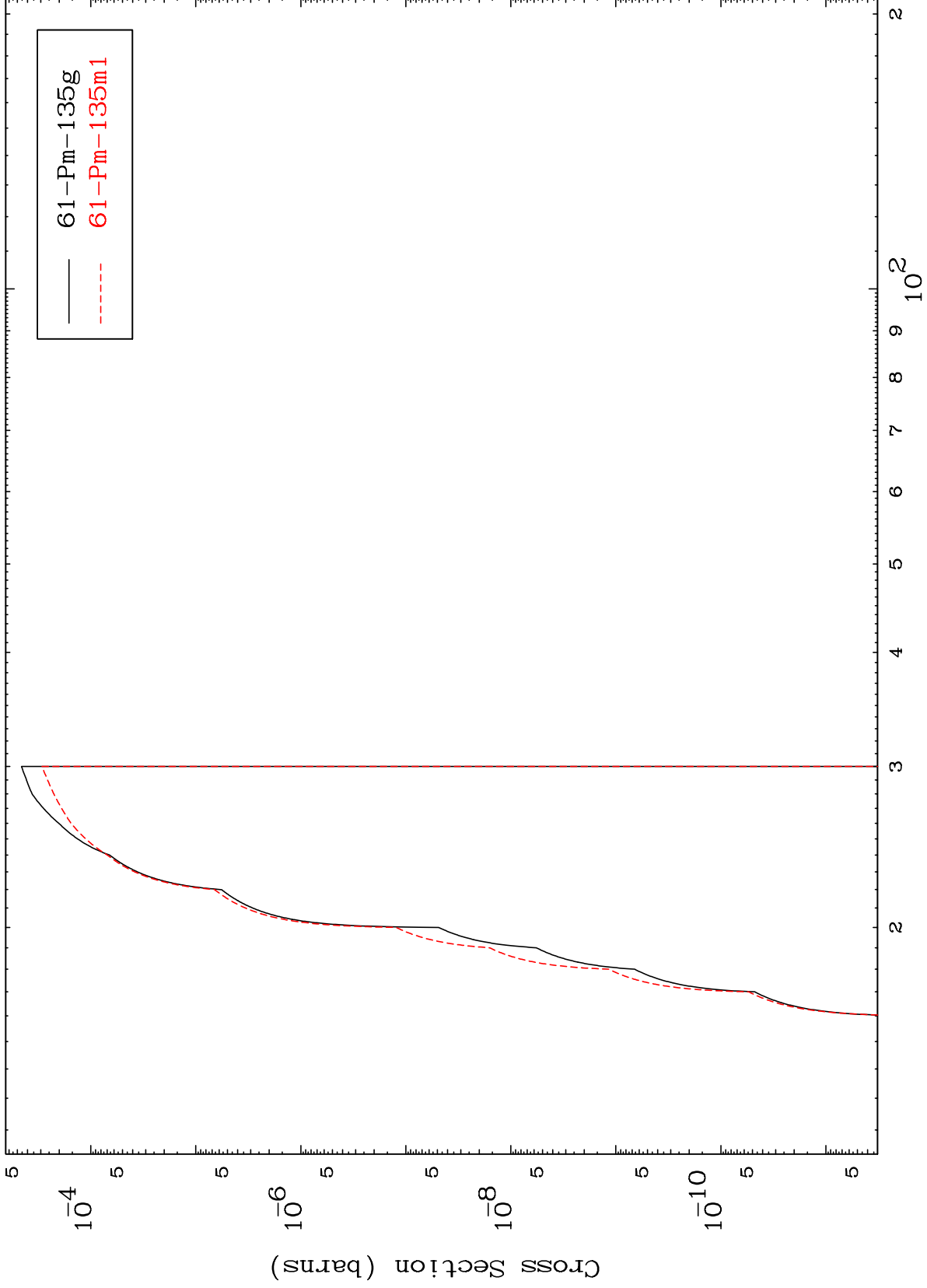
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

(n,t)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

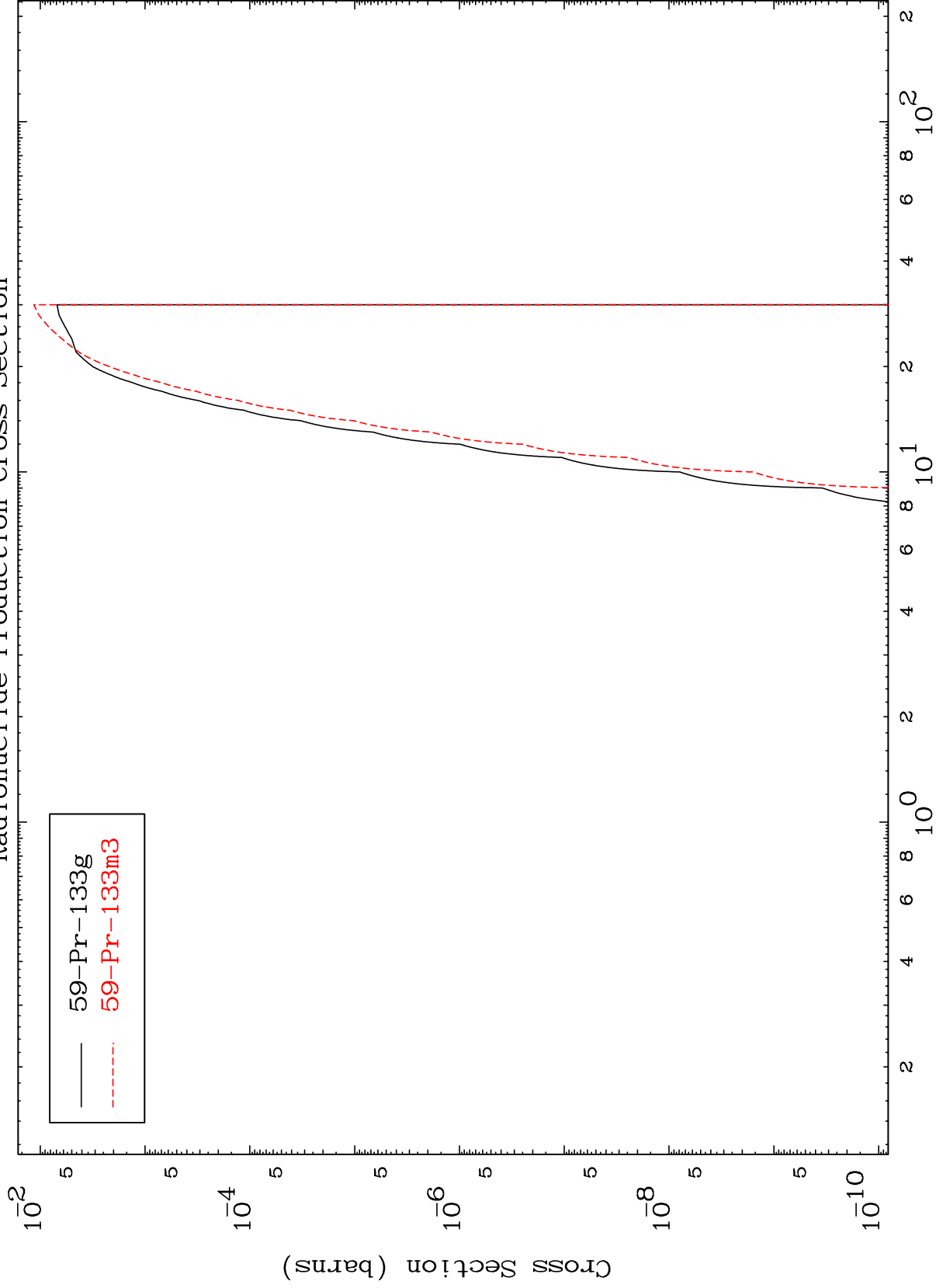
61-Pm-137

MAT 6119

(n,p)  $\alpha$

61-Pm-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

61-Pm-137