

Program EVALPLOT  
(Version 2021-1)

by

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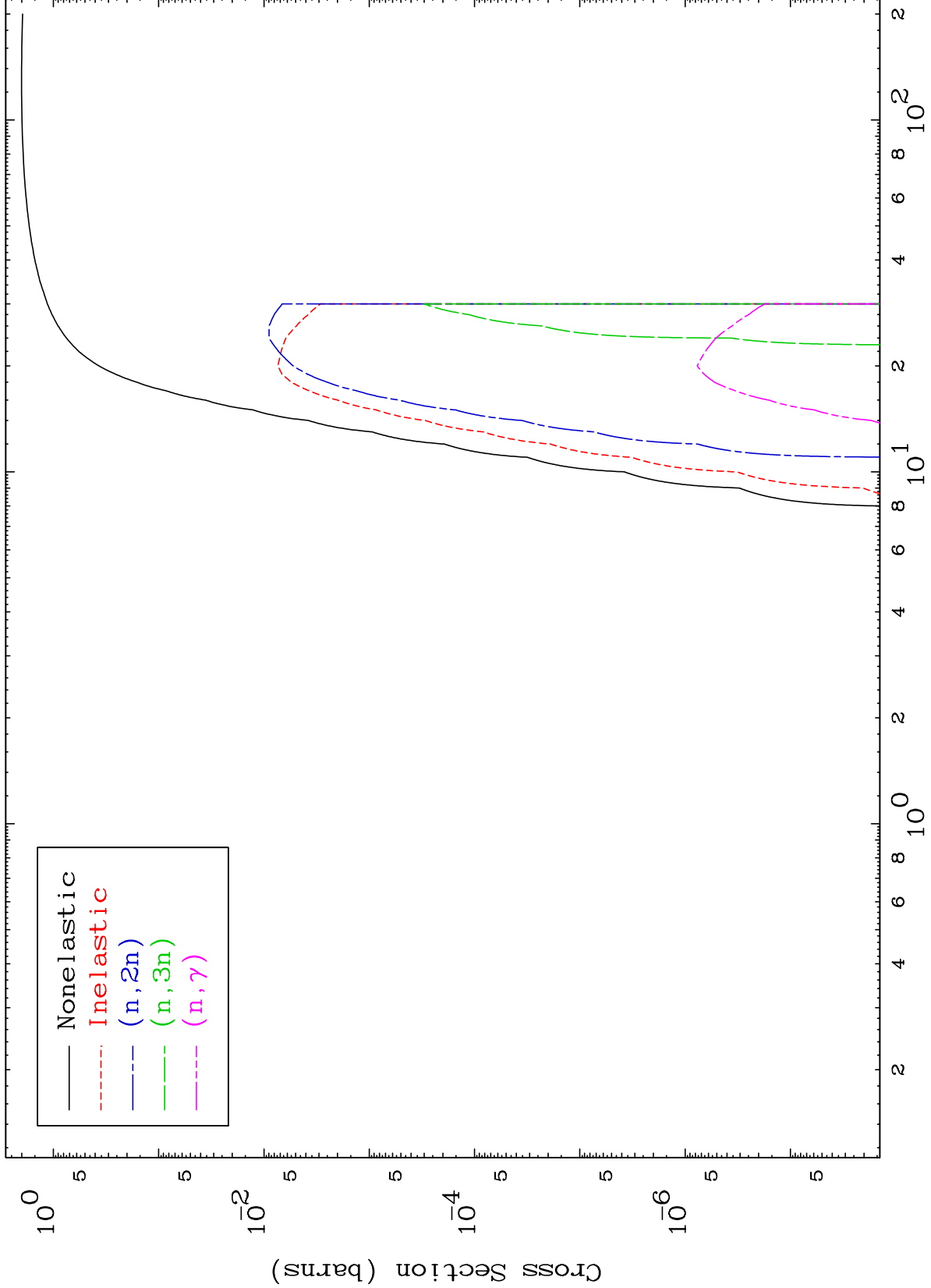
Press Mouse Button to Start

MAT 6122

He-3 Major

61-Pm-138

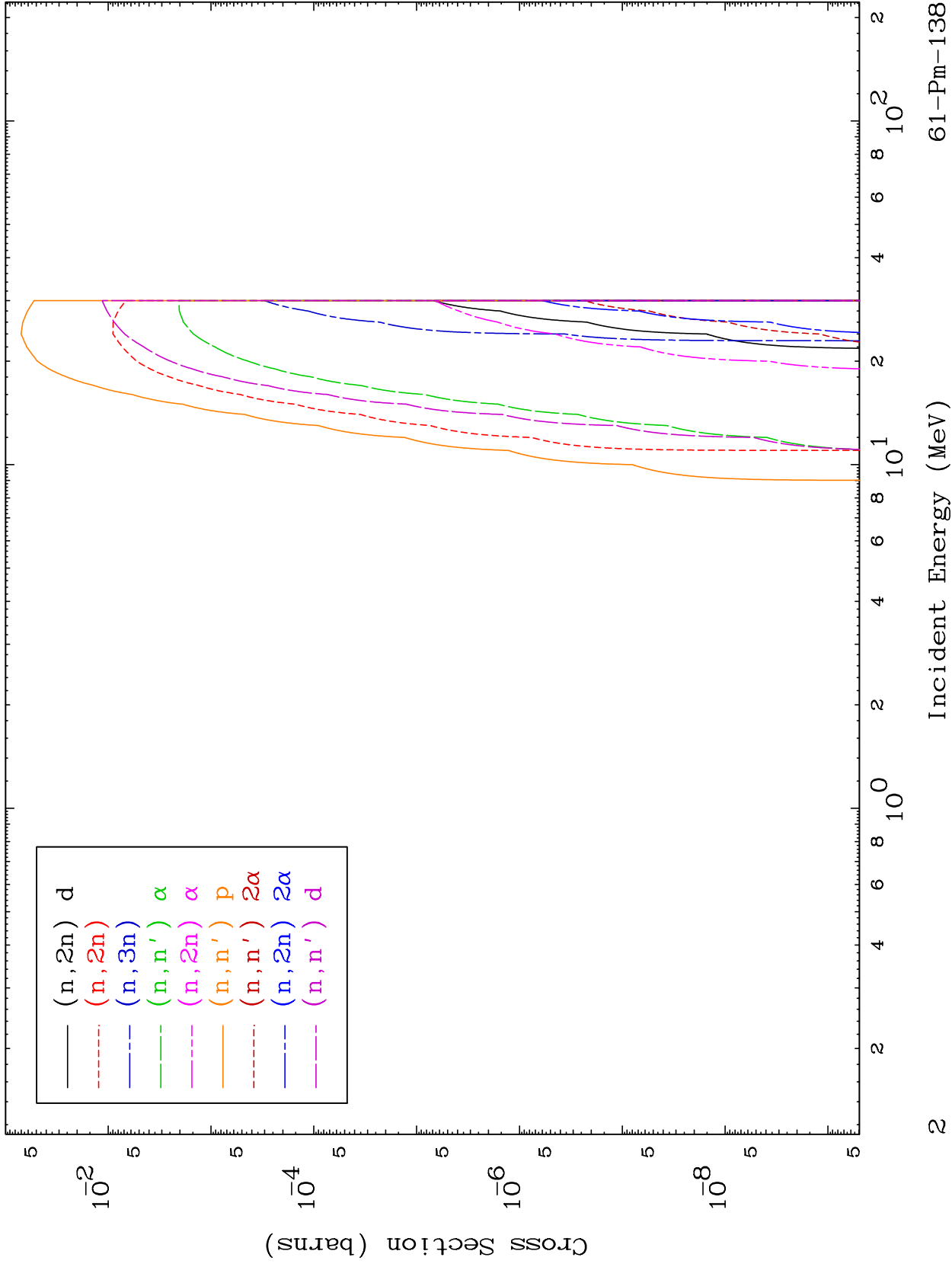
0 Kelvin Cross Sections



MAT 6122

He-3 Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-138



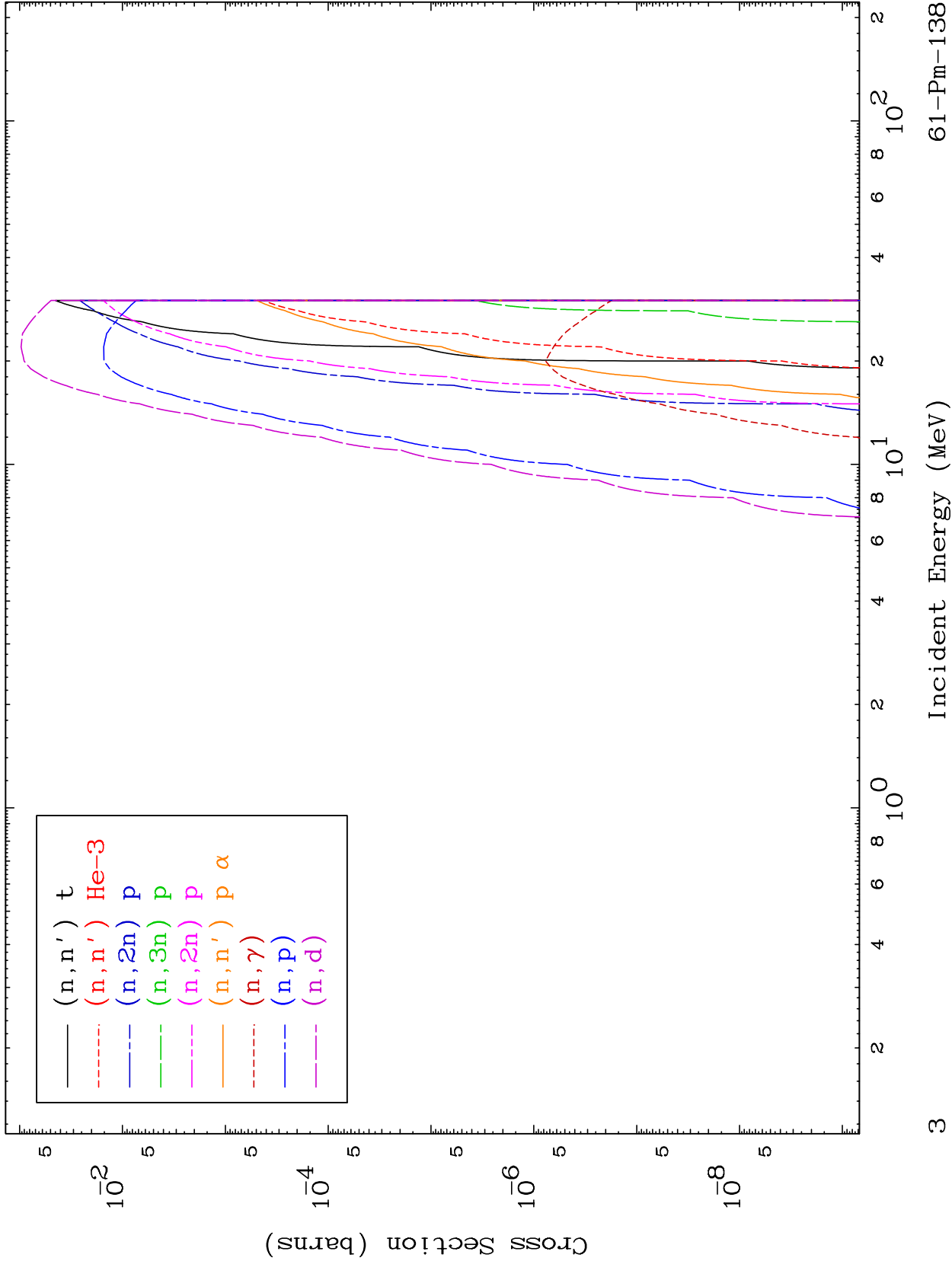
61-Pm-138

Incident Energy (MeV)

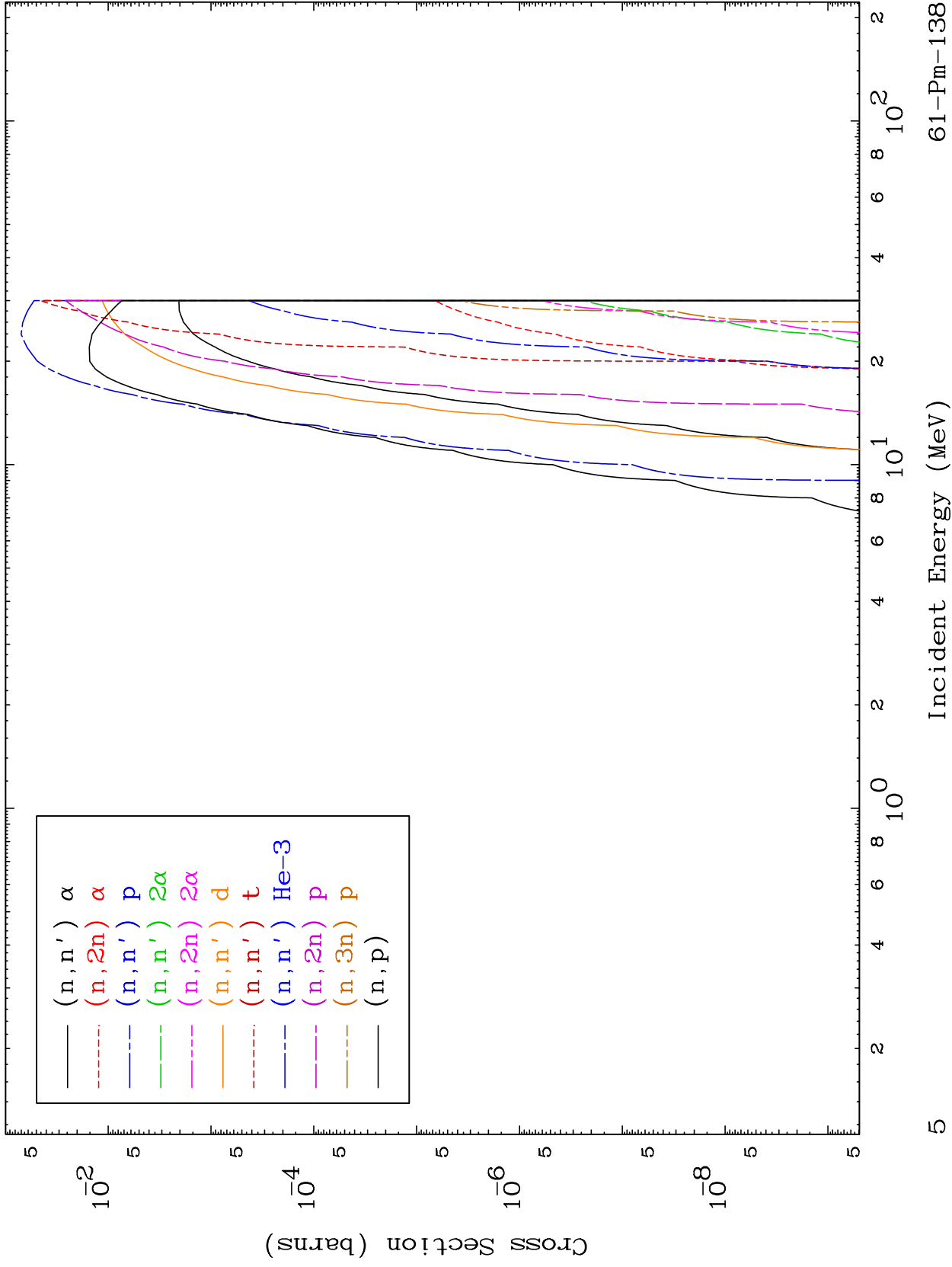
MAT 6122

He-3 Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-138



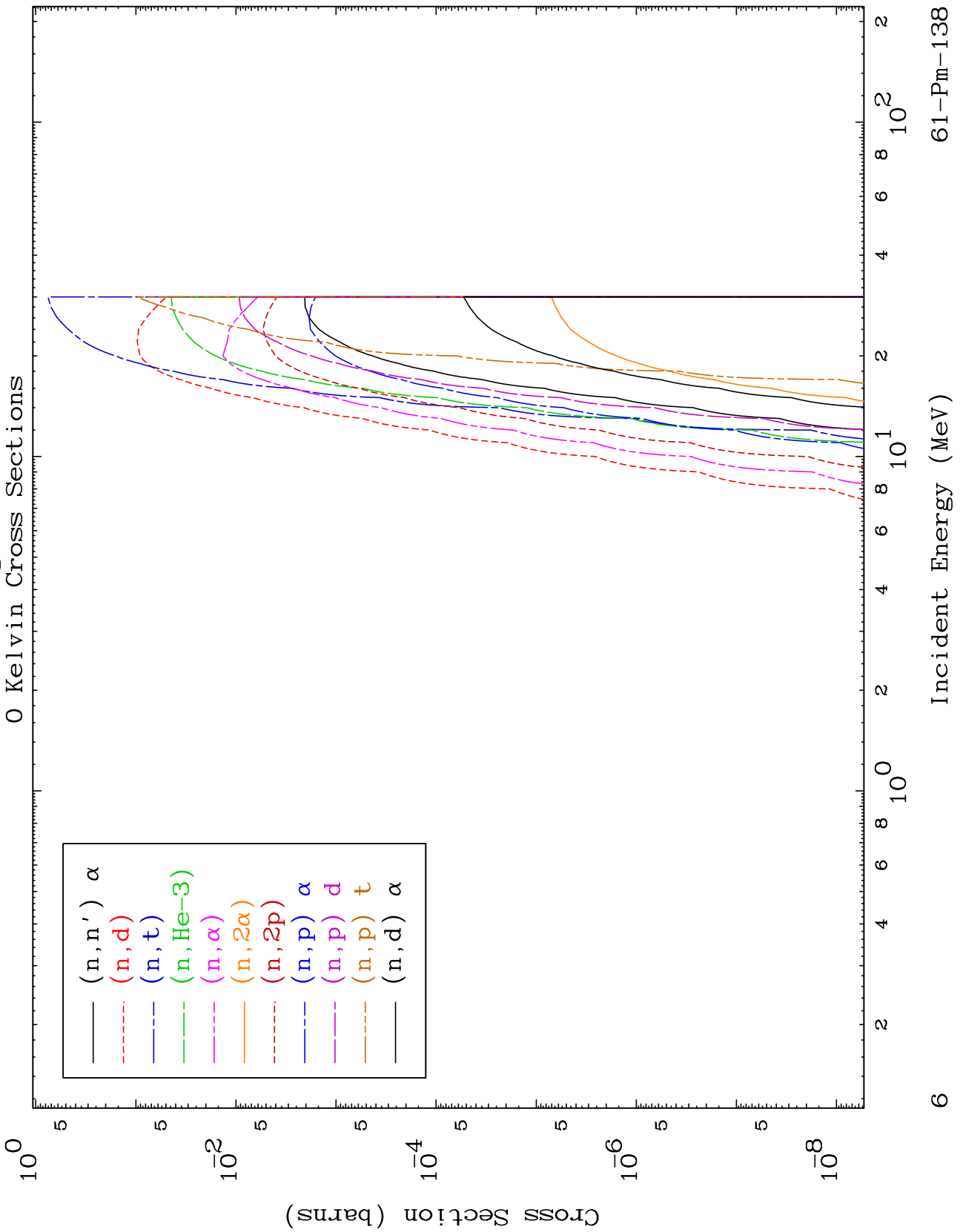




MAT 6122

He-3 Charged Particle  
0 Kelvin Cross Sections

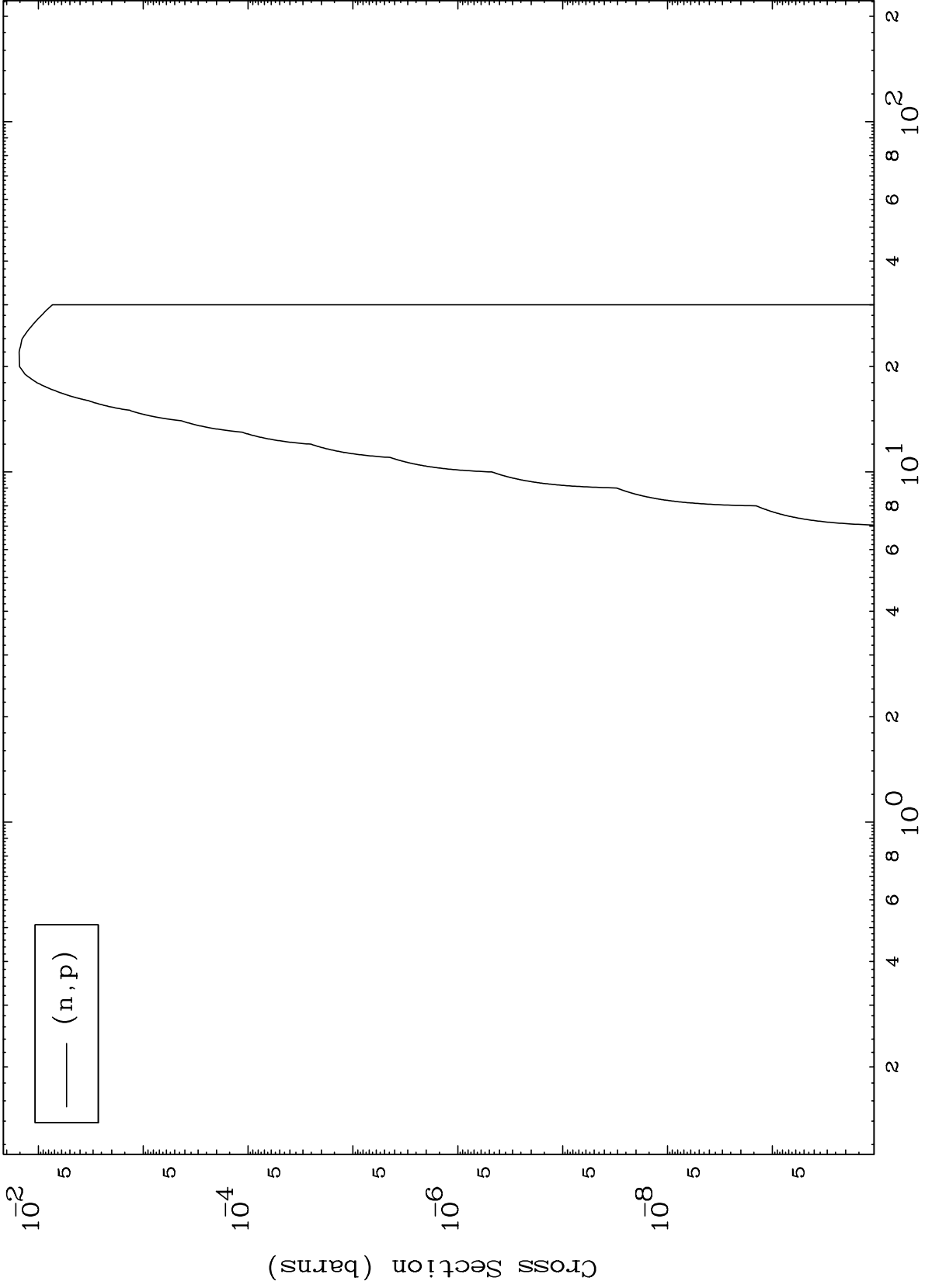
61-Pm-138



MAT 6122

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

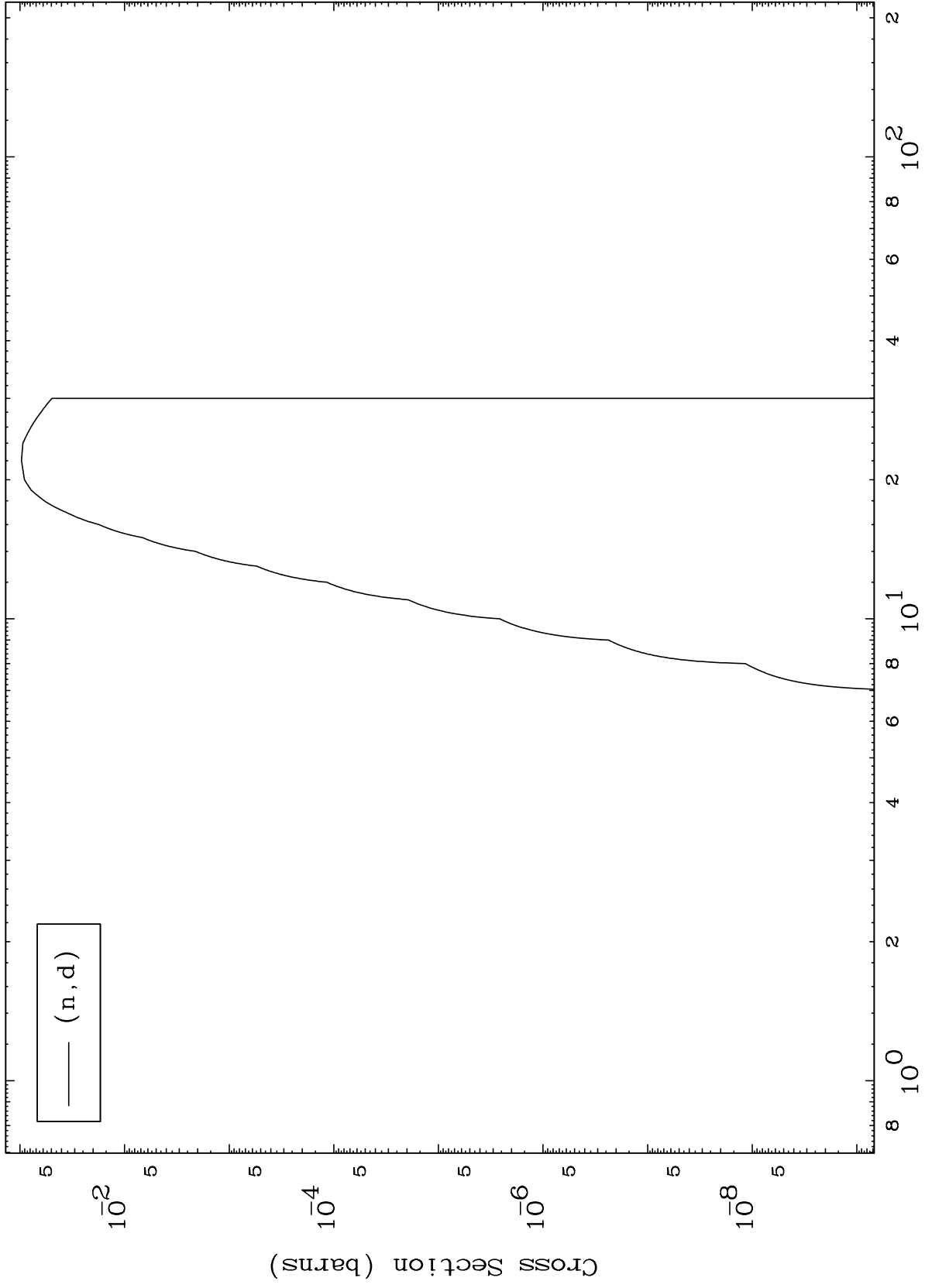
61-Pm-138



MAT 6122

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

61-Pm-138



8

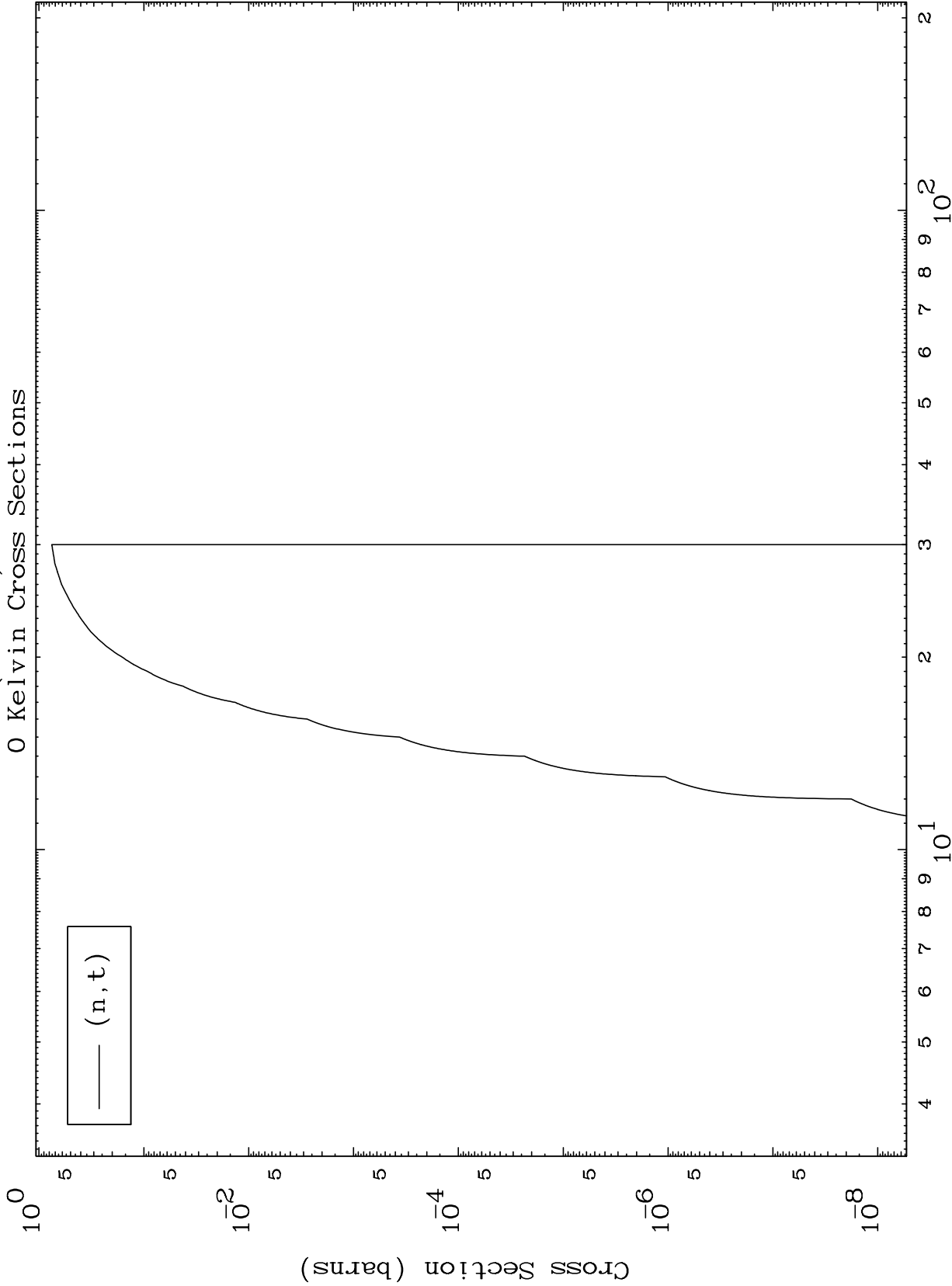
Incident Energy (MeV)

61-Pm-138

MAT 6122

(He-3,t) Levels

61-Pm-138

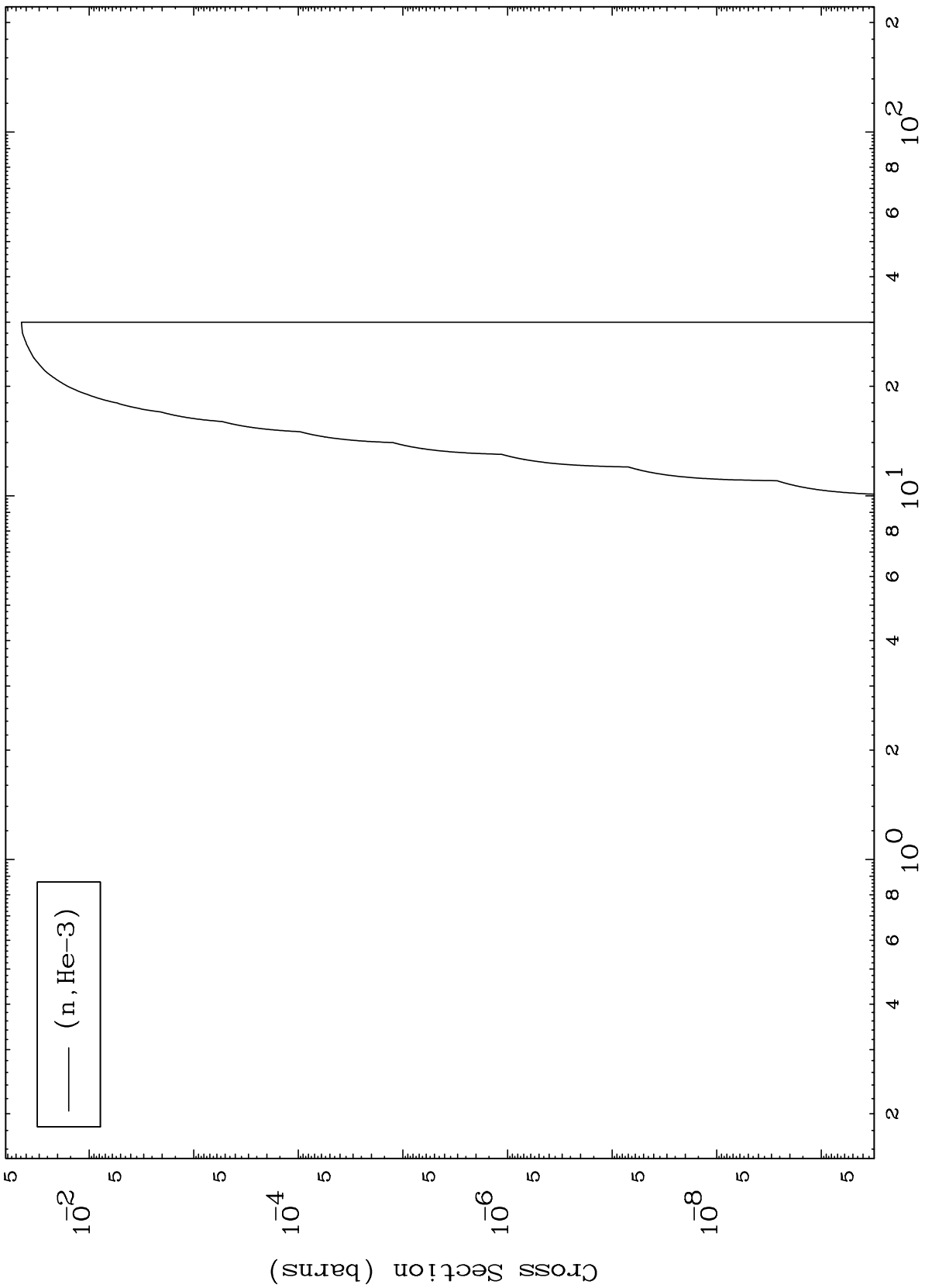


MAT 6122

(He-3, He3) Levels

61-Pm-138

0 Kelvin Cross Sections



10

Incident Energy (MeV)

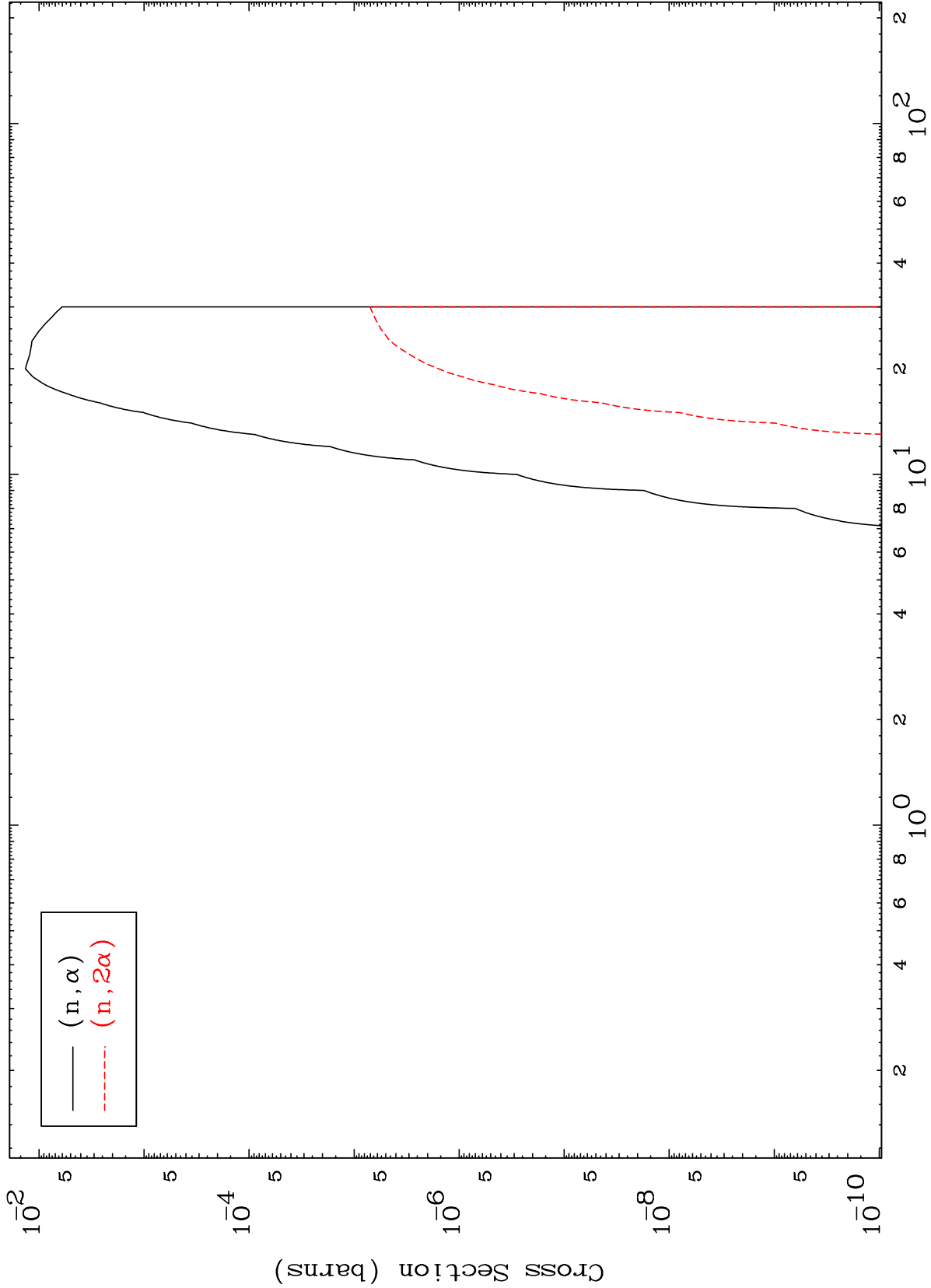
61-Pm-138

MAT 6122

(He-3,  $\alpha$ ) Levels

61-Pm-138

0 Kelvin Cross Sections

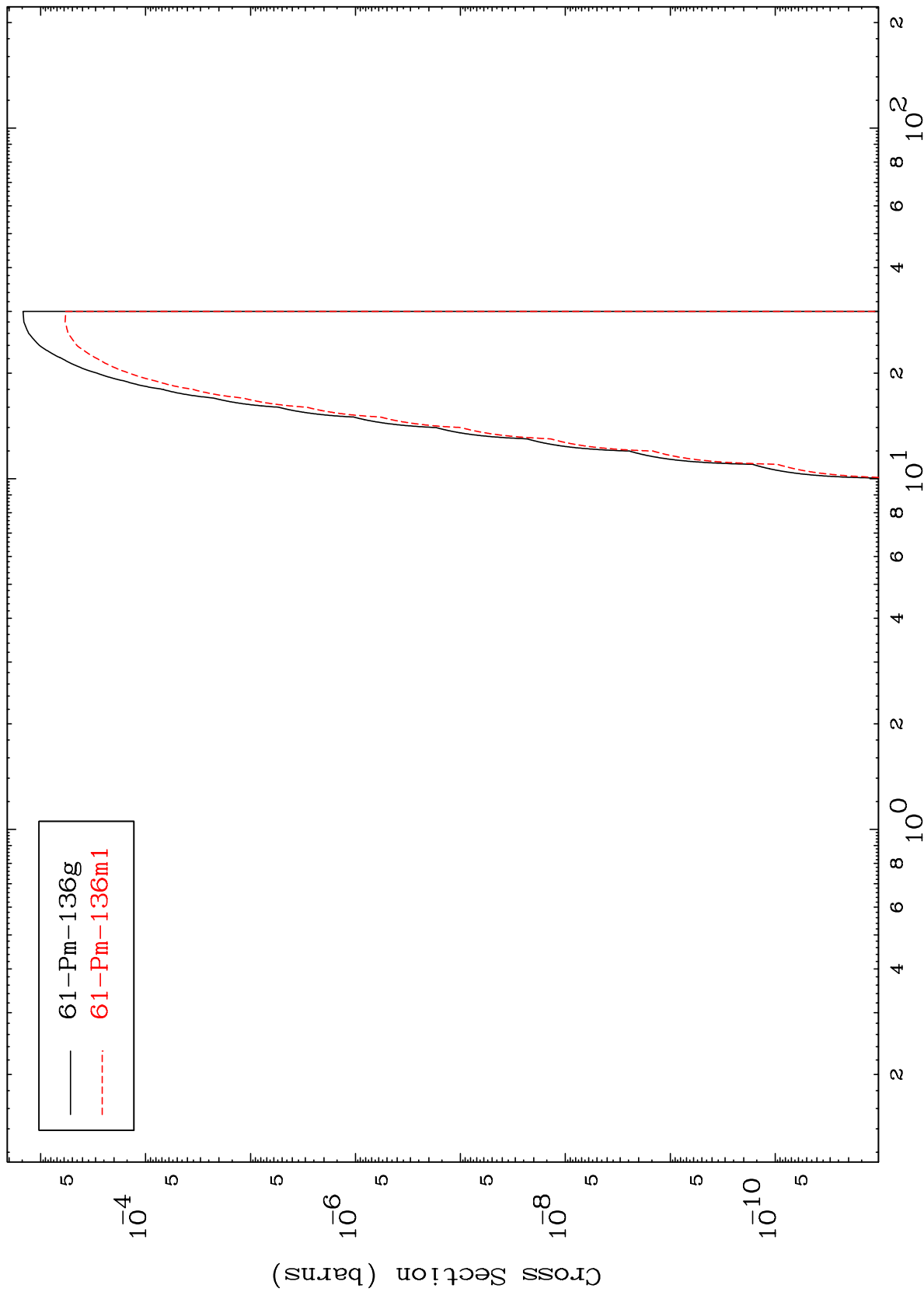


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$(n, n') \alpha$

61-Pm-138

Radionuclide Production Cross Section

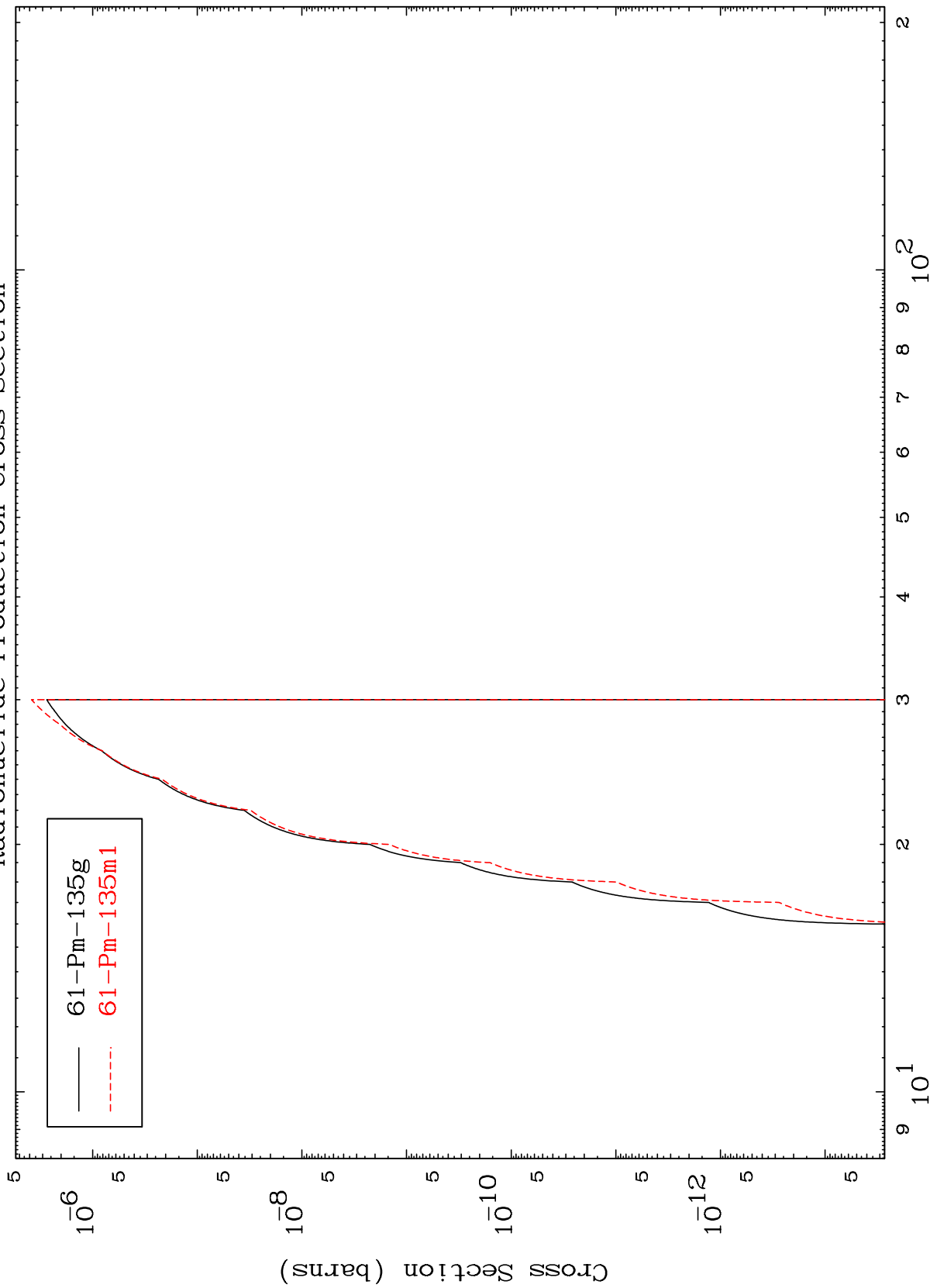


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(n,2n)  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

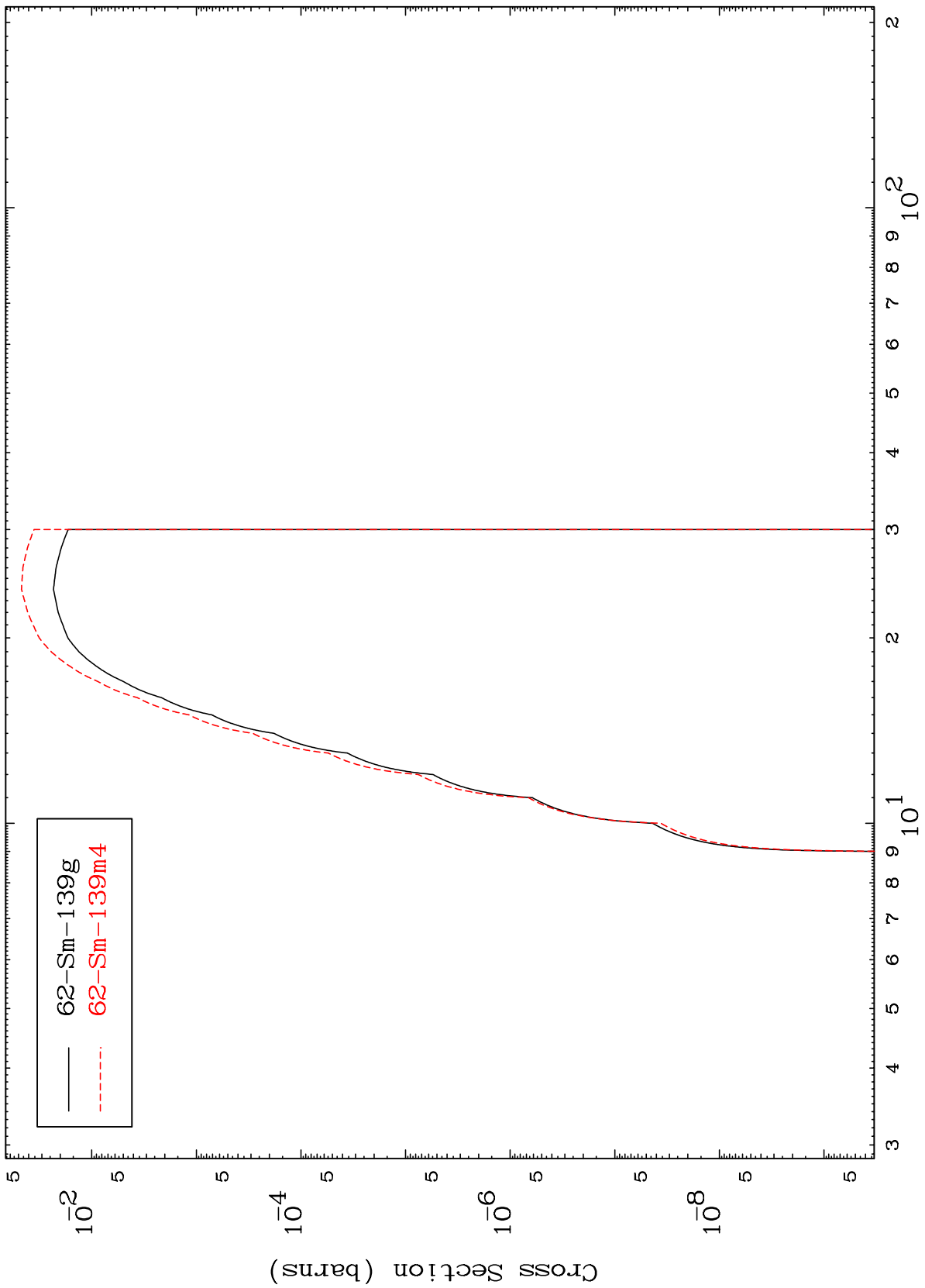
61-Pm-138

MAT 6122

(n,n') p

61-Pm-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

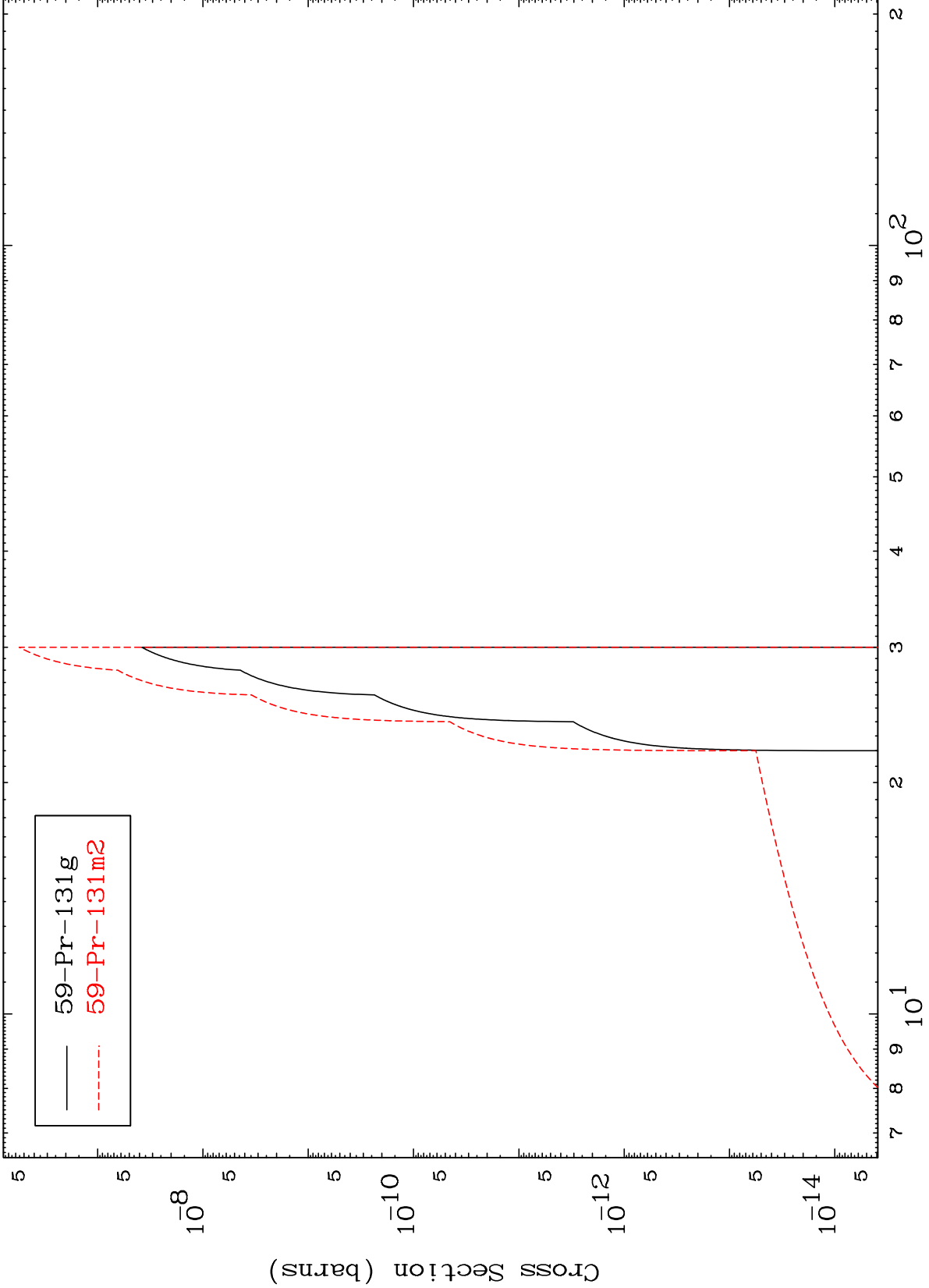
61-Pm-138

MAT 6122

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

61-Pm-138

Radionuclide Production Cross Section



59-Pr-131g  
59-Pr-131m2

15

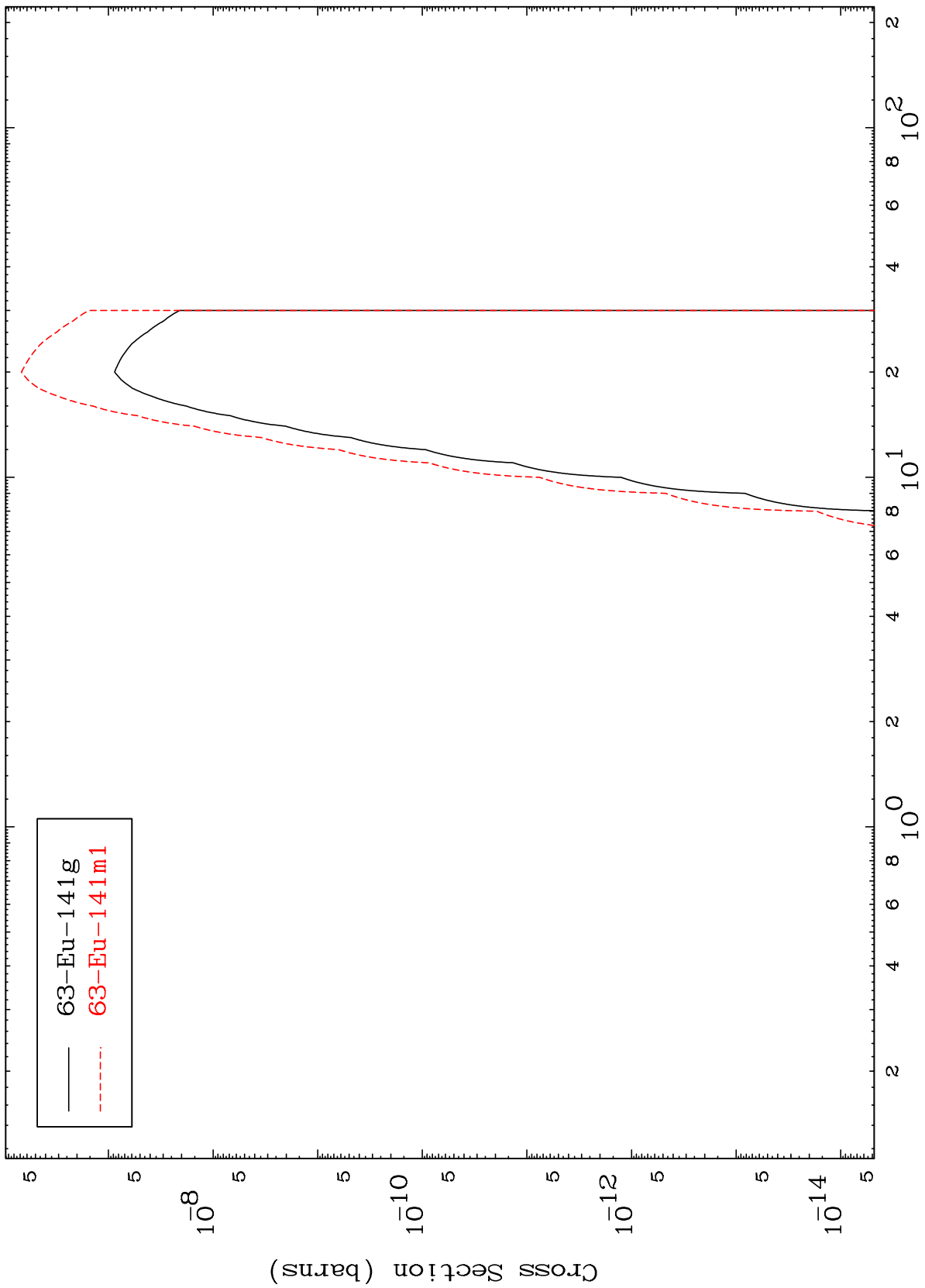
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

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



— 63-Eu-141g  
- - - 63-Eu-141m1

61-Pm-138

Incident Energy (MeV)

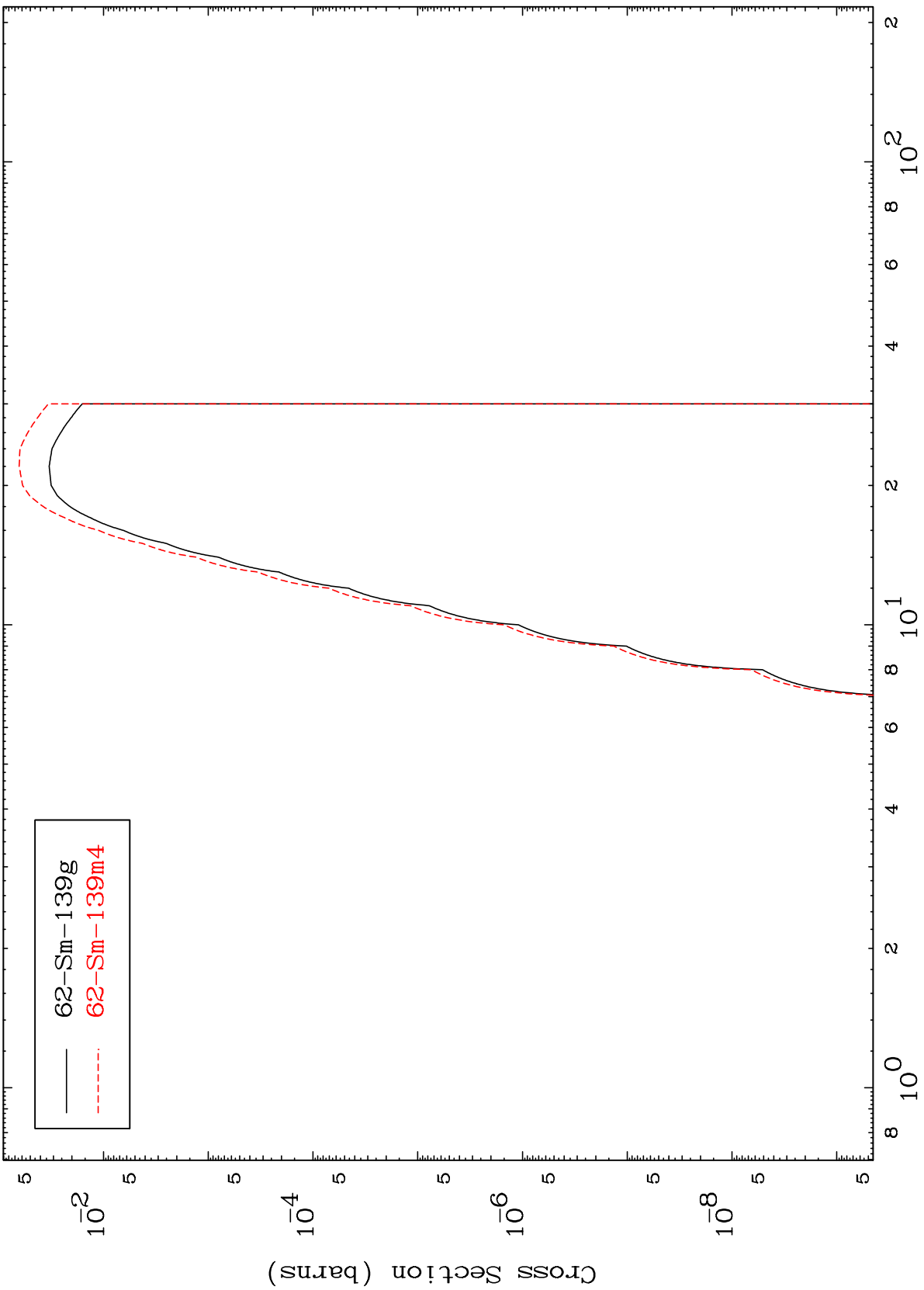
16

MAT 6122

(n,d)

61-Pm-138

Radionuclide Production Cross Section



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

17

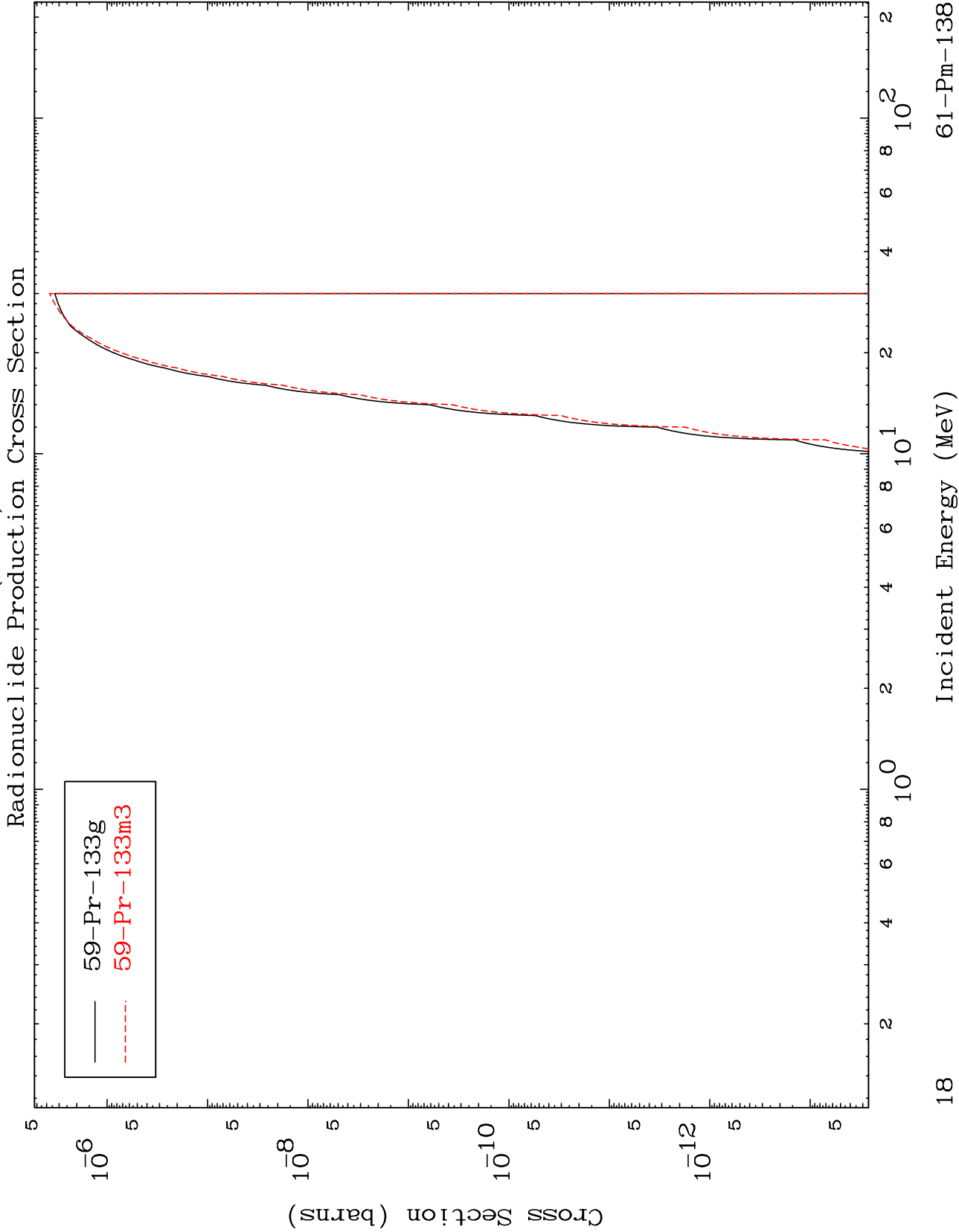
Incident Energy (MeV)

61-Pm-138

MAT 6122

(n,2α)

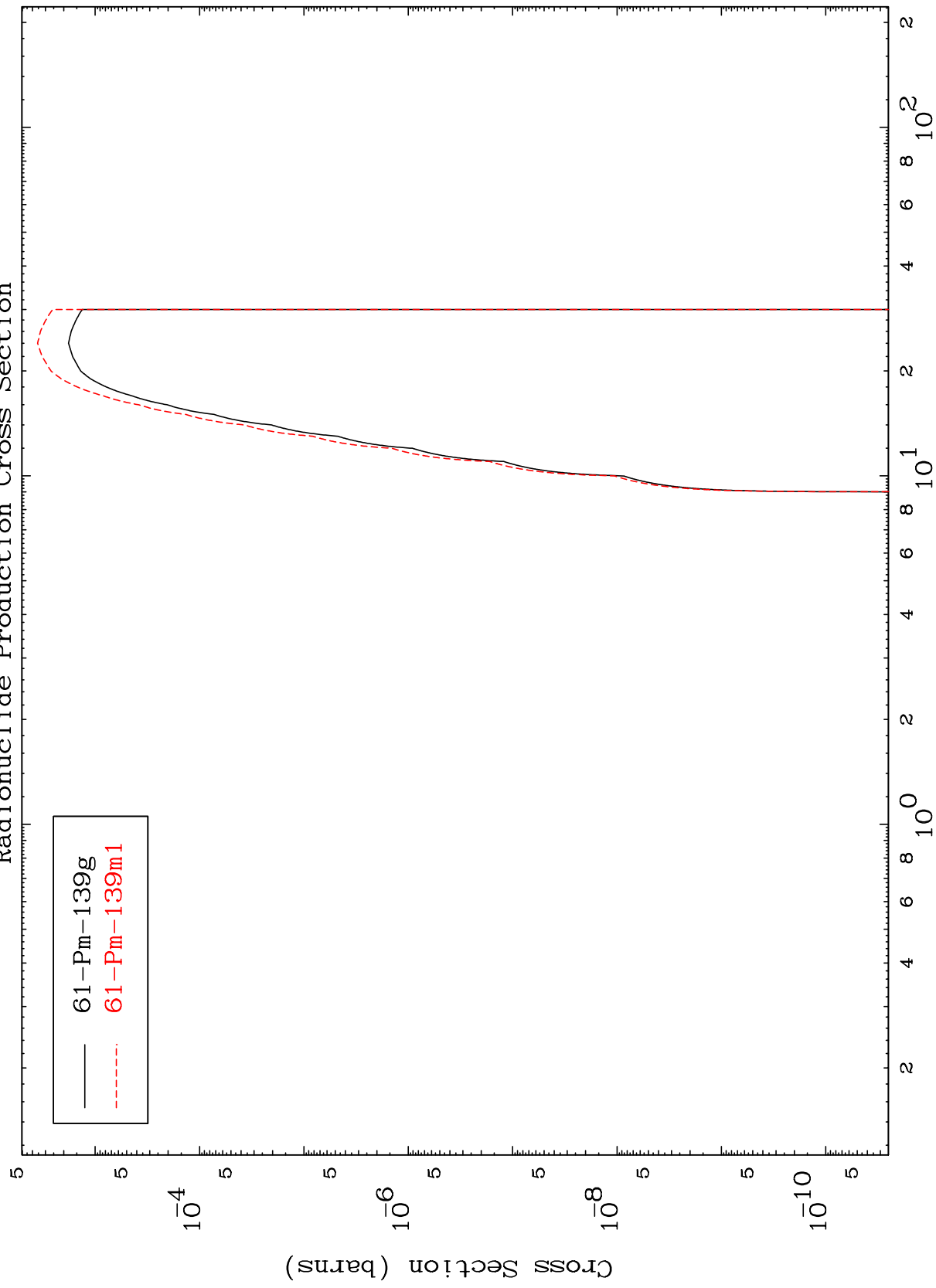
61-Pm-138



MAT 6122

61-Pm-138

(n,2p)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

61-Pm-138