

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

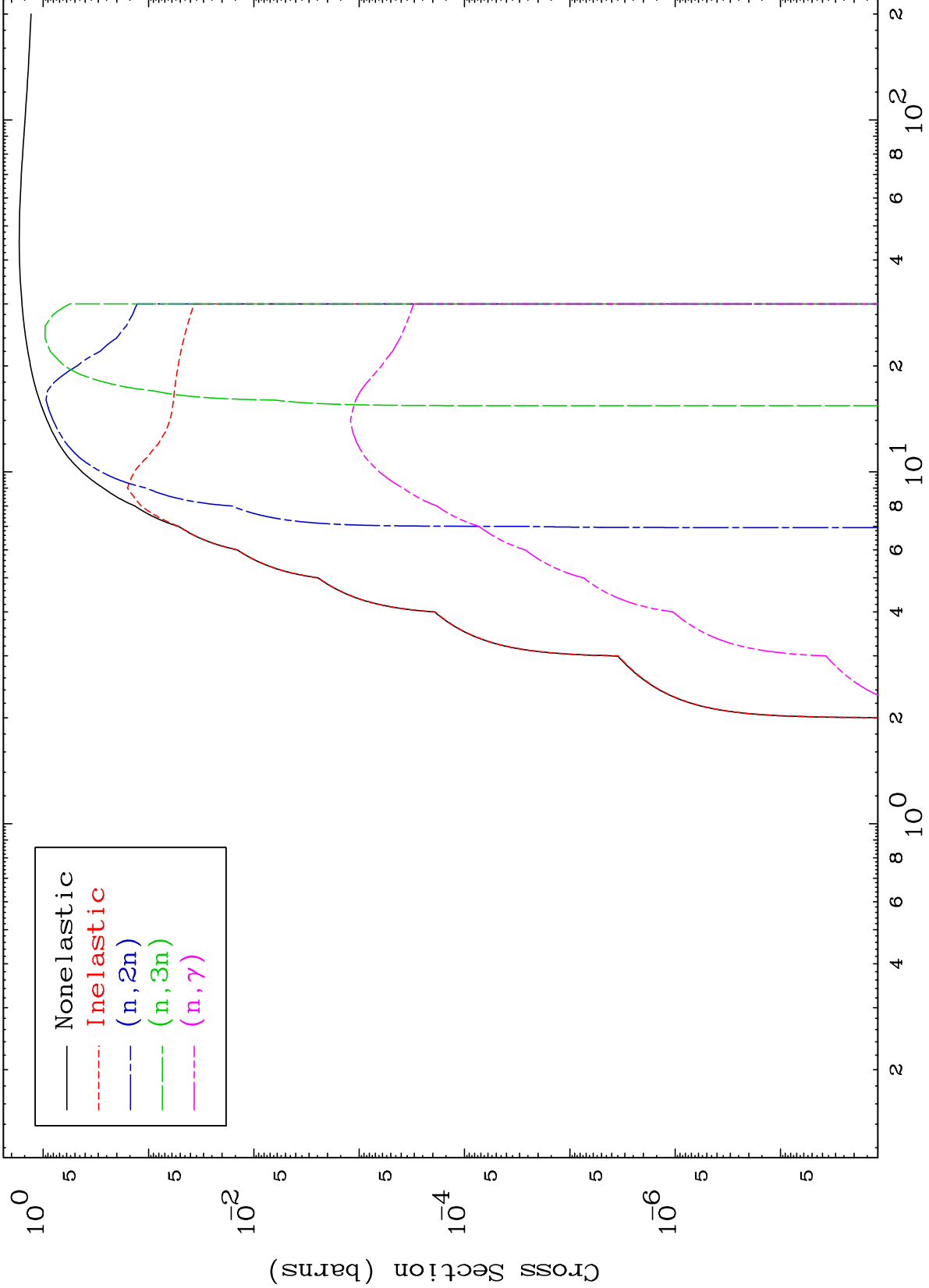
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Web:redcullen1.net/HOMEPAGE.NEW

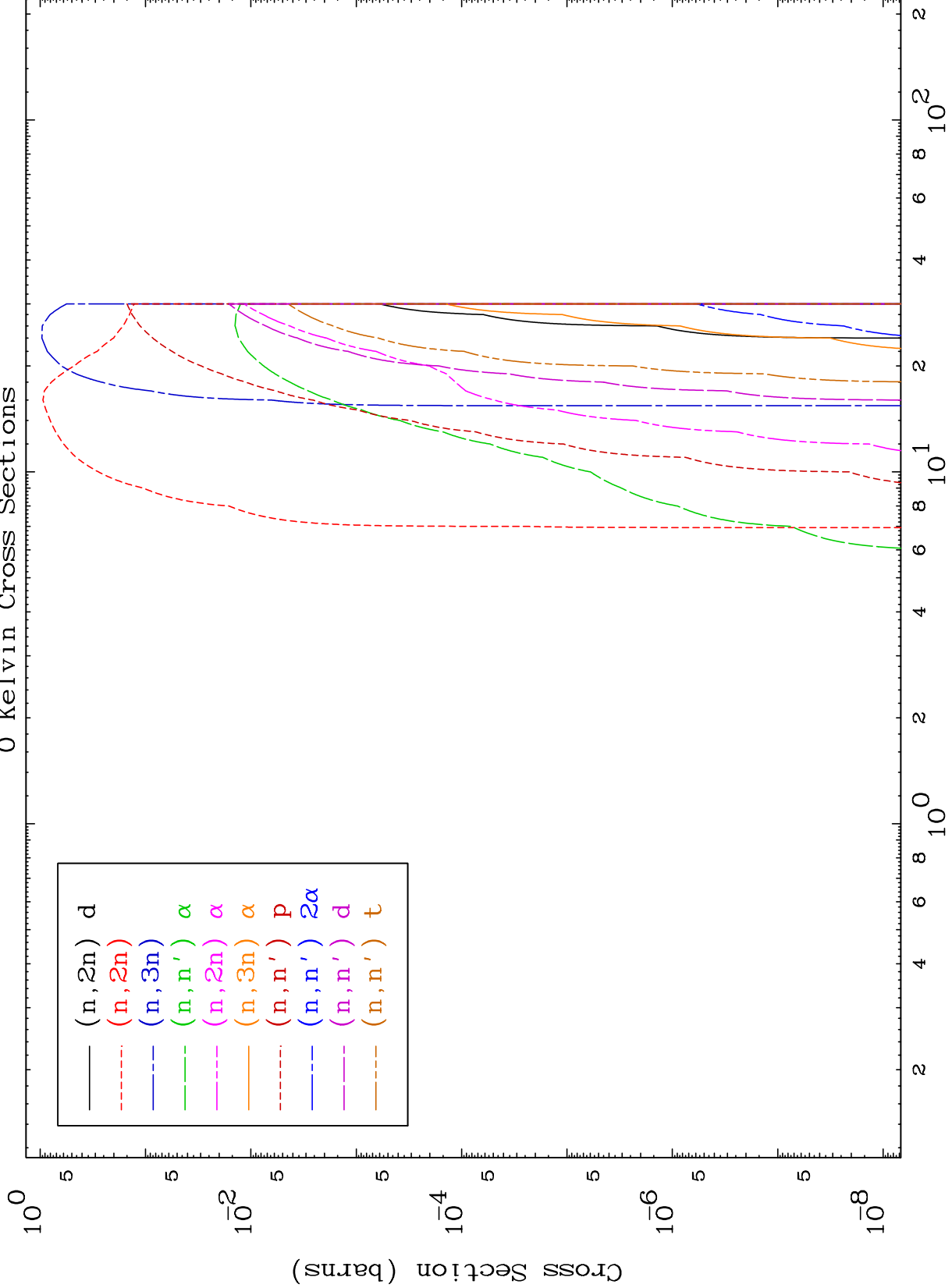
Press Mouse Button to Start

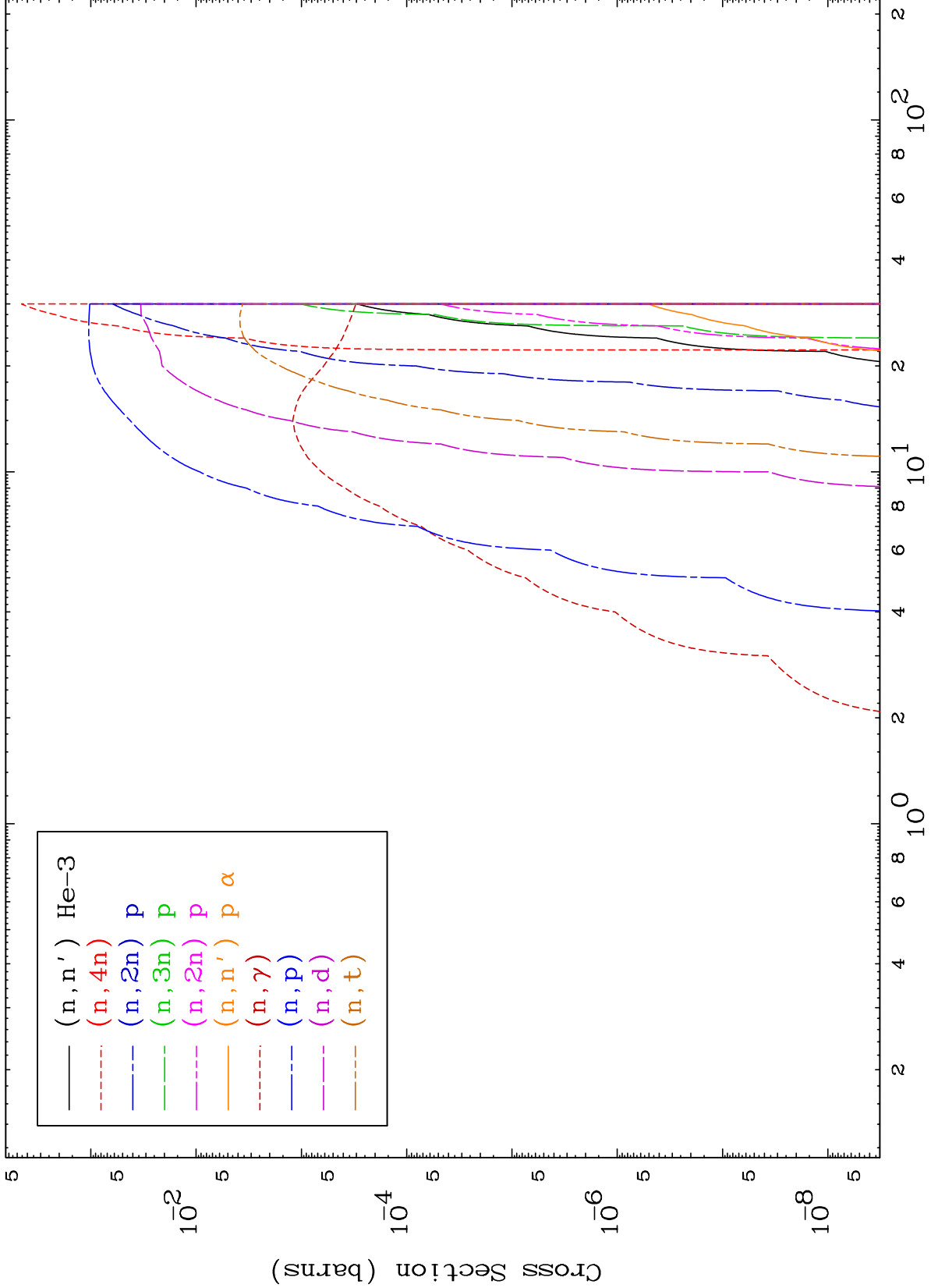


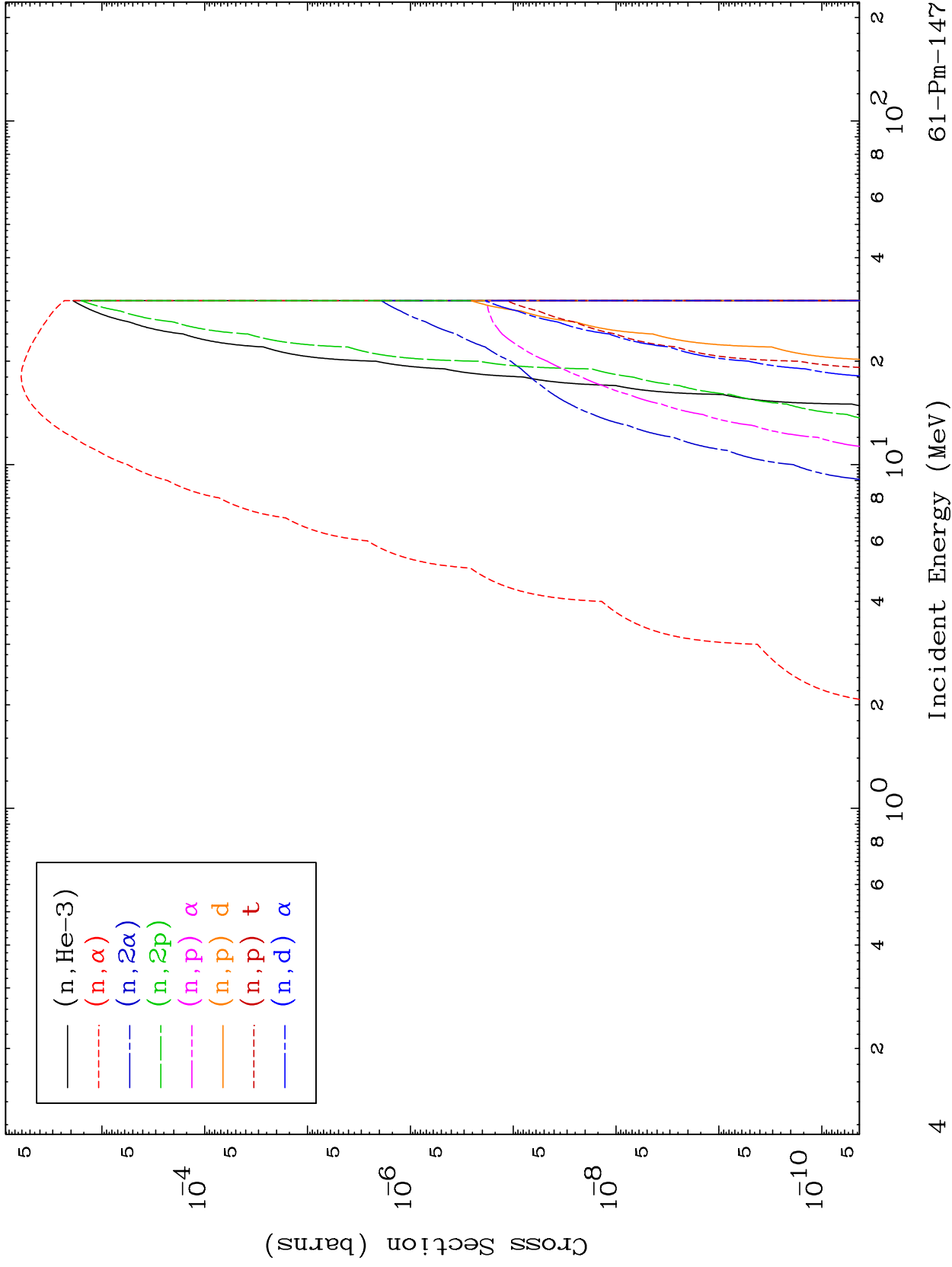
MAT 6149

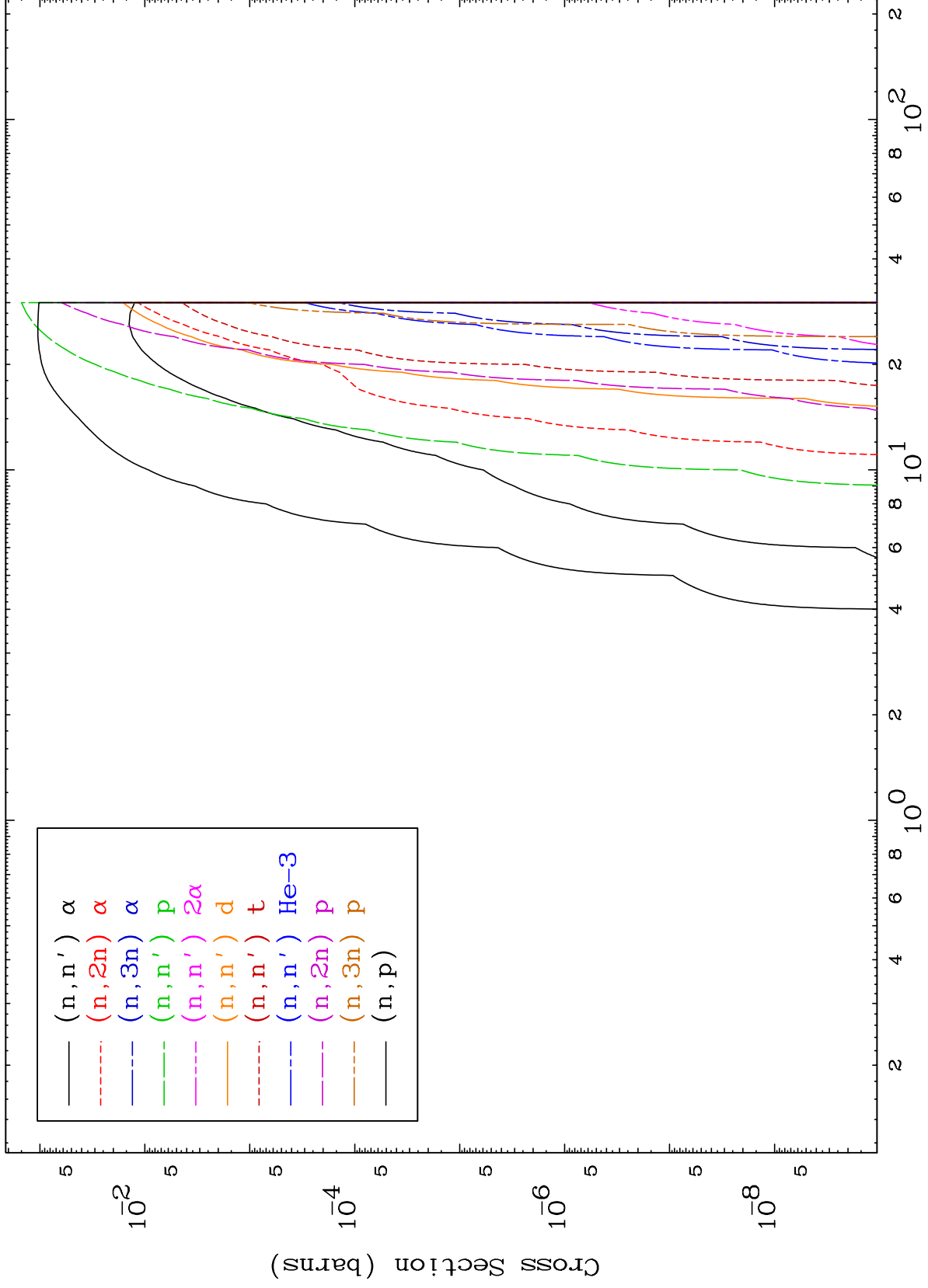
Proton Neutron Absorption
0 Kelvin Cross Sections

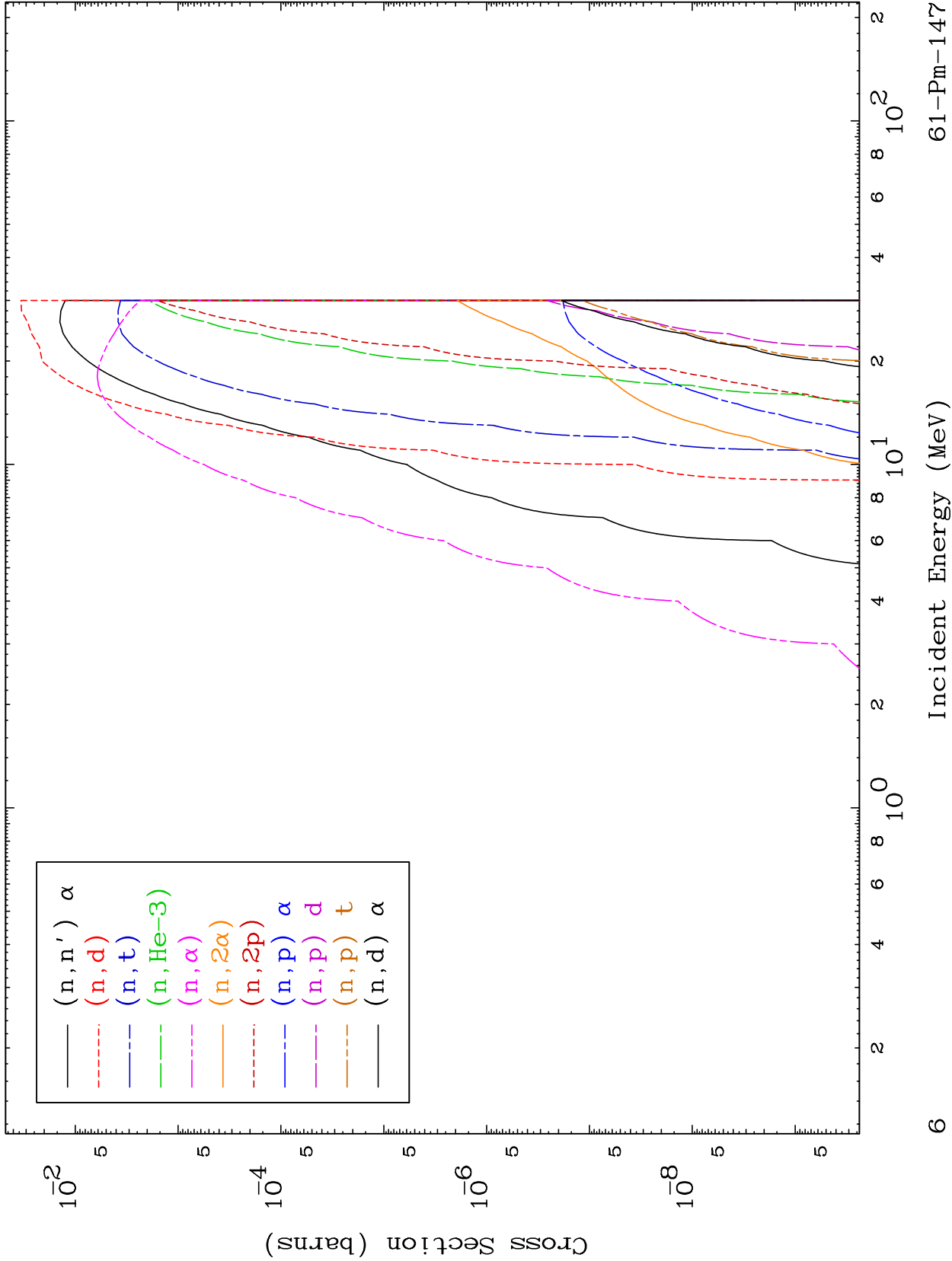
61-Pm-147







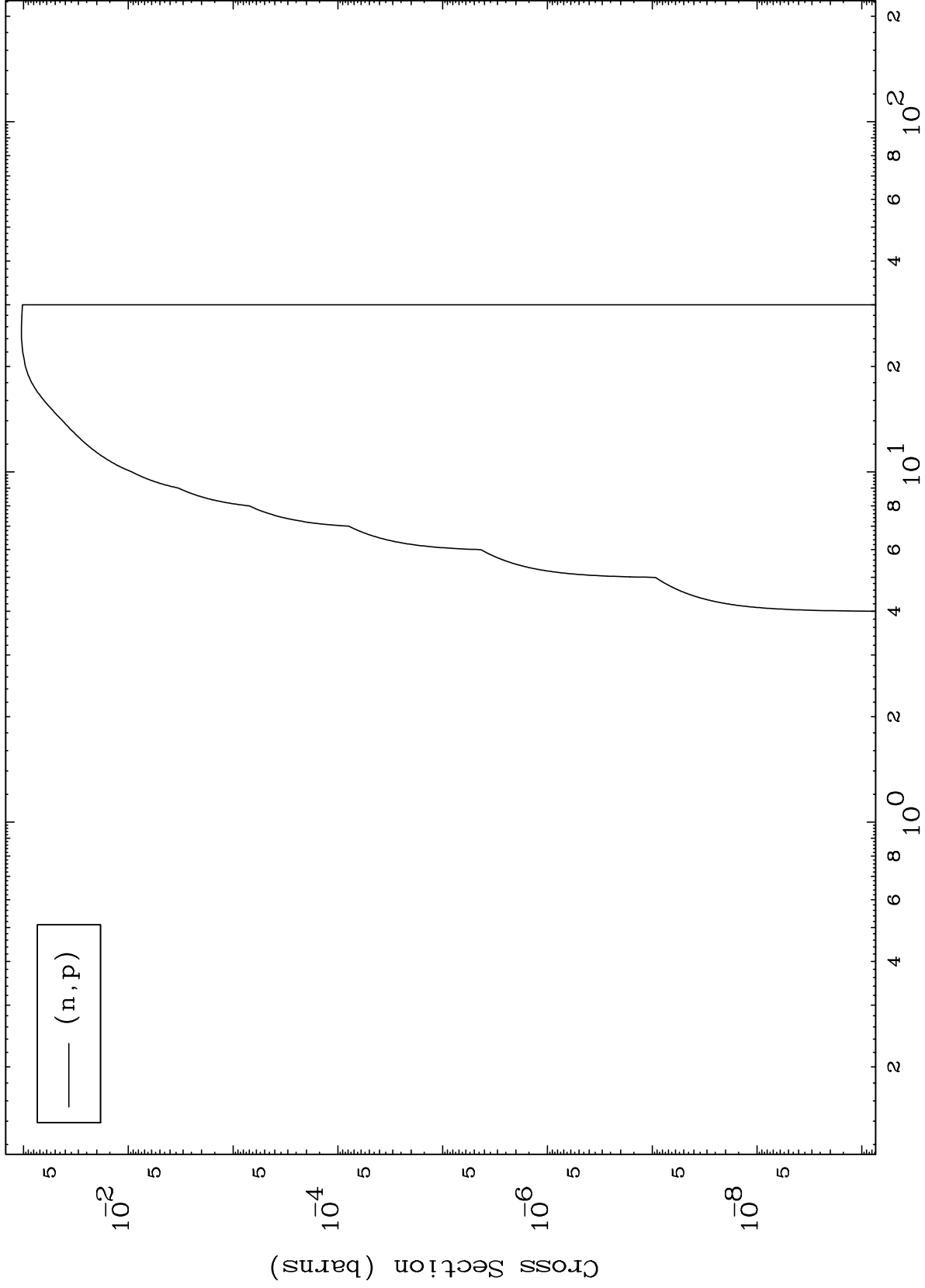




MAT 6149

(p,p) Levels
0 Kelvin Cross Sections

61-Pm-147



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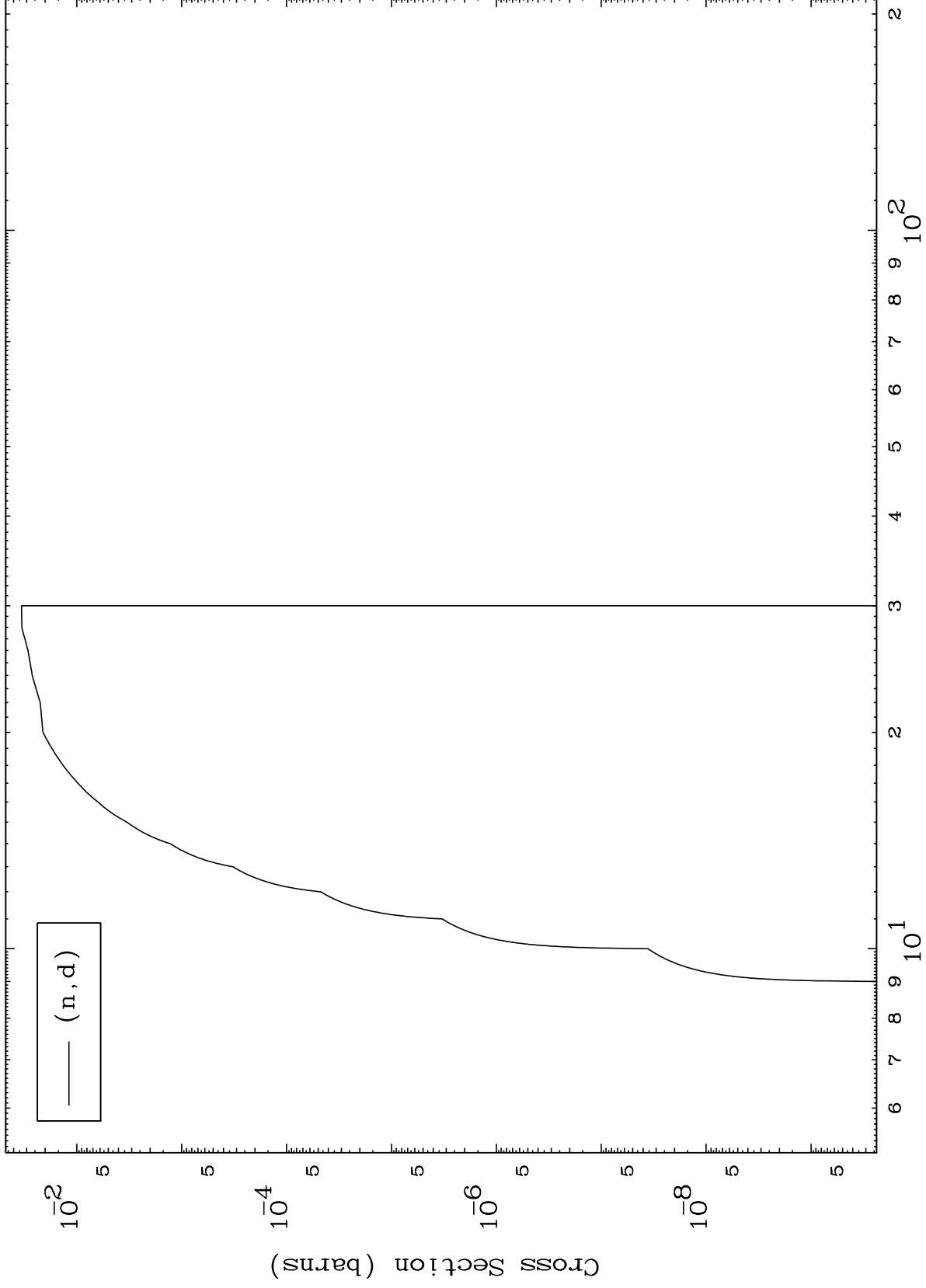
Incident Energy (MeV)

61-Pm-147

MAT 6149

(p,d) Levels
0 Kelvin Cross Sections

61-Pm-147



8

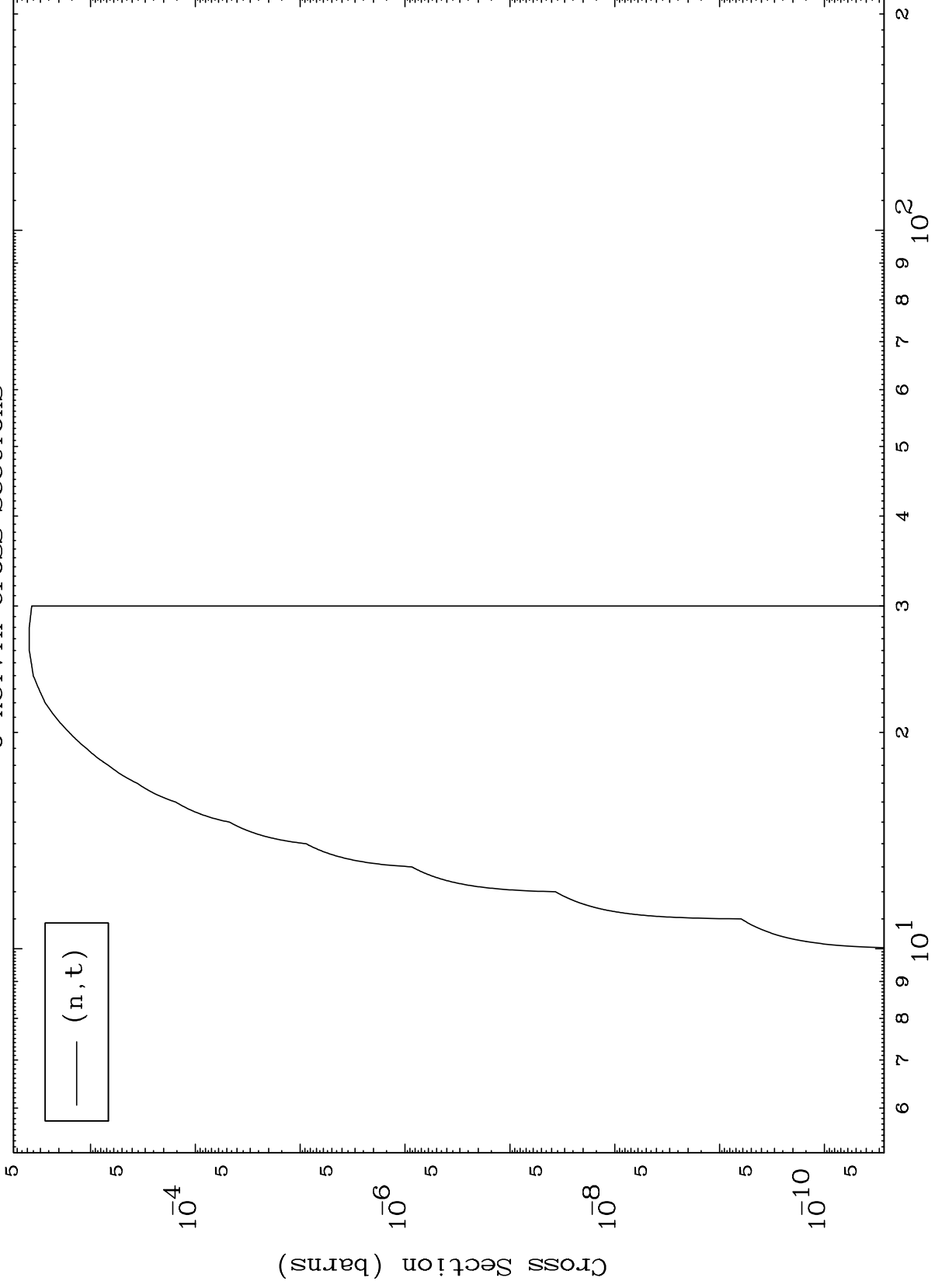
Incident Energy (MeV)

61-Pm-147

MAT 6149

(p, t) Levels
0 Kelvin Cross Sections

61-Pm-147



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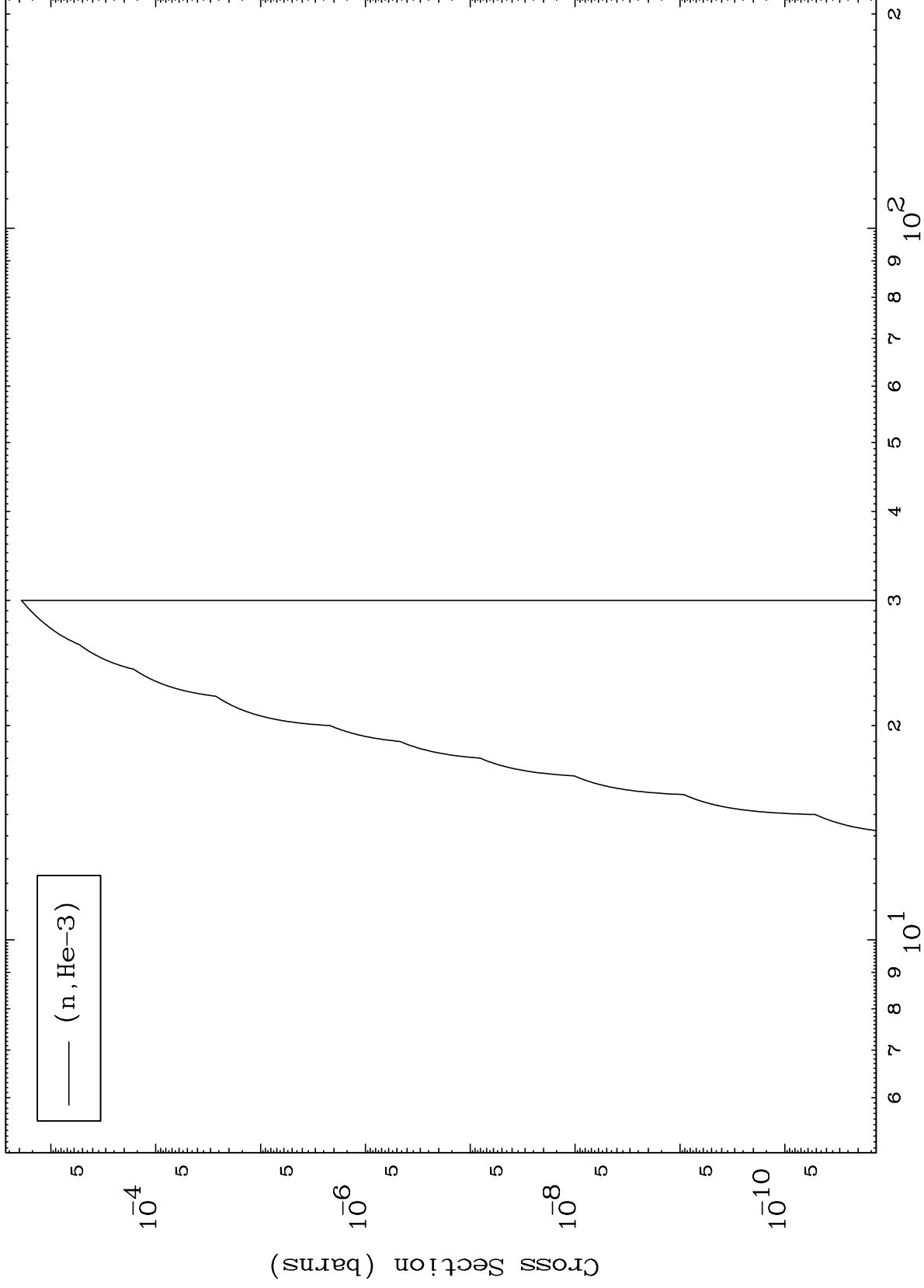
Incident Energy (MeV)

61-Pm-147

MAT 6149

(p,He3) Levels
0 Kelvin Cross Sections

61-Pm-147



10

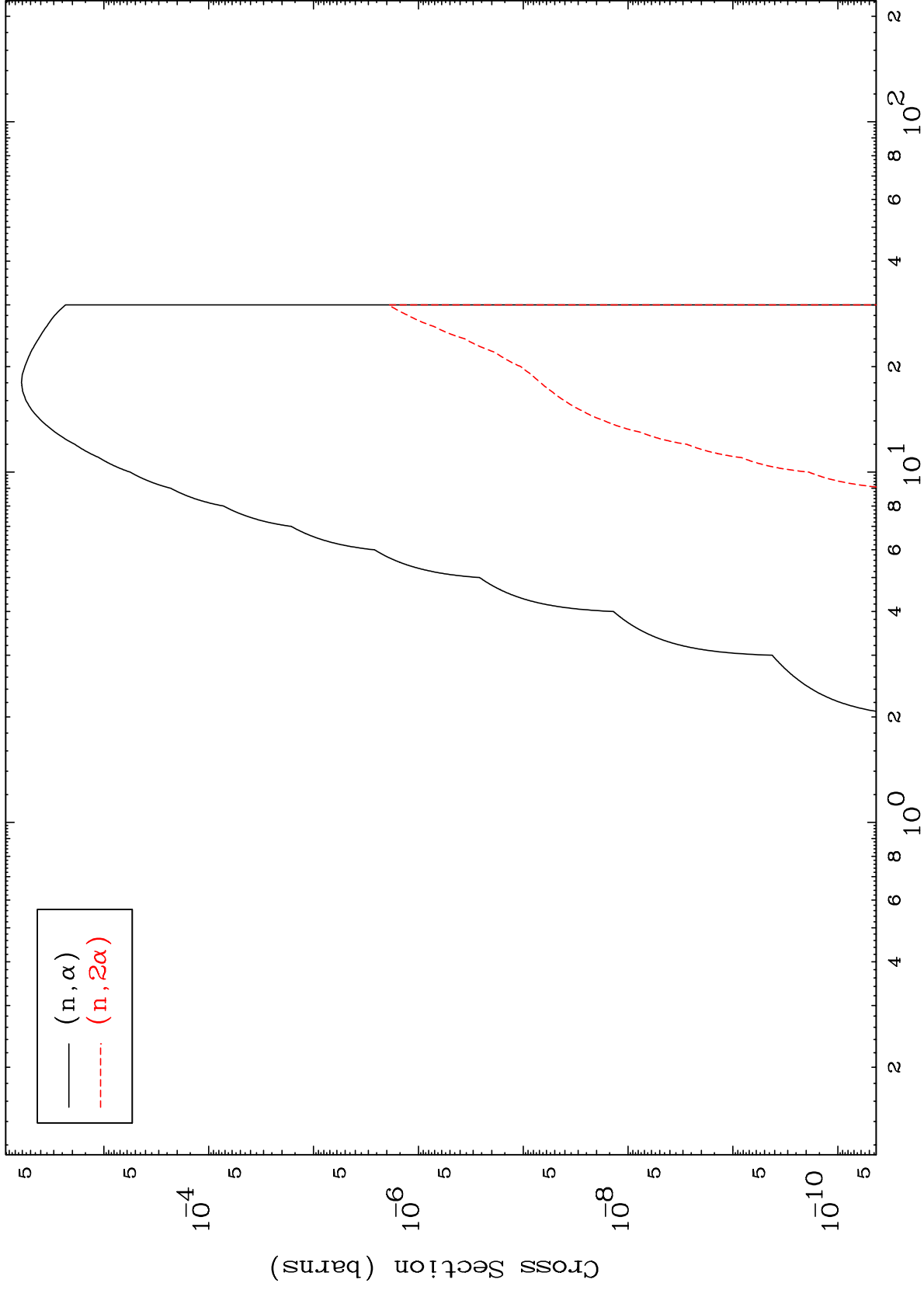
Incident Energy (MeV)

61-Pm-147

MAT 6149

(p, α) Levels
0 Kelvin Cross Sections

61-Pm-147



11

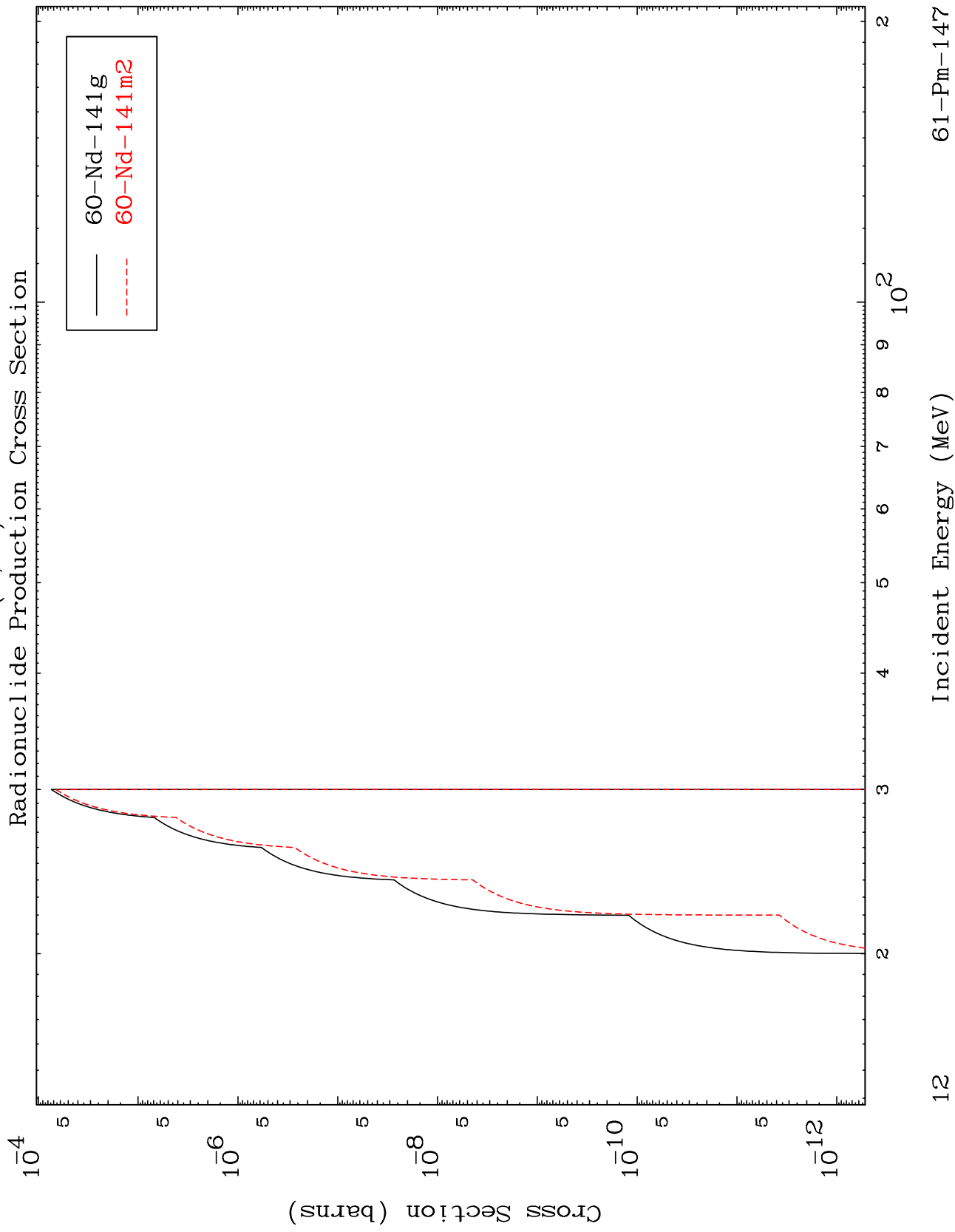
Incident Energy (MeV)

61-Pm-147

MAT 6149

$(n,3n) \alpha$

61-Pm-147



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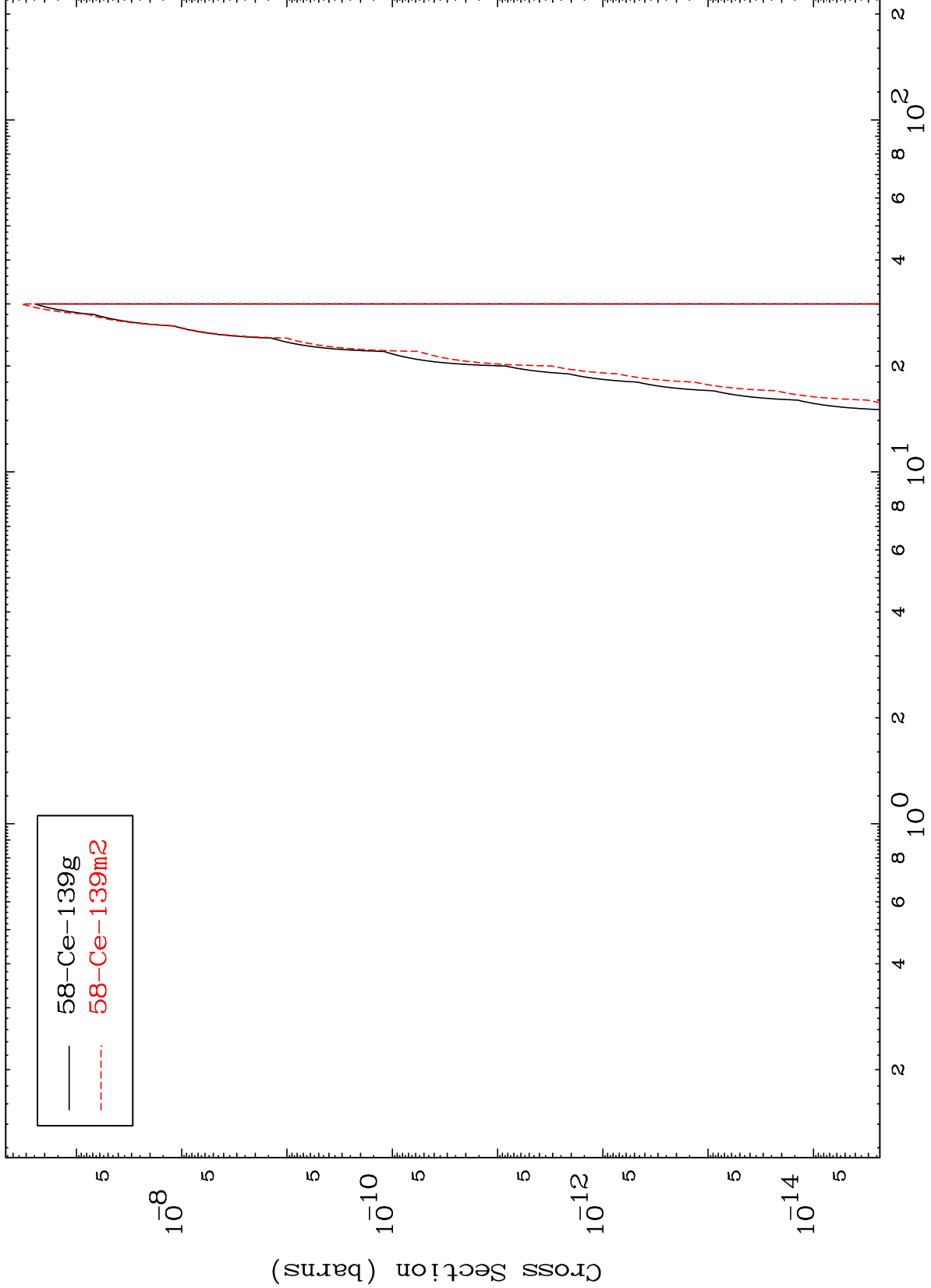
61-Pm-147

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(n,n') 2α

61-Pm-147

Radionuclide Production Cross Section

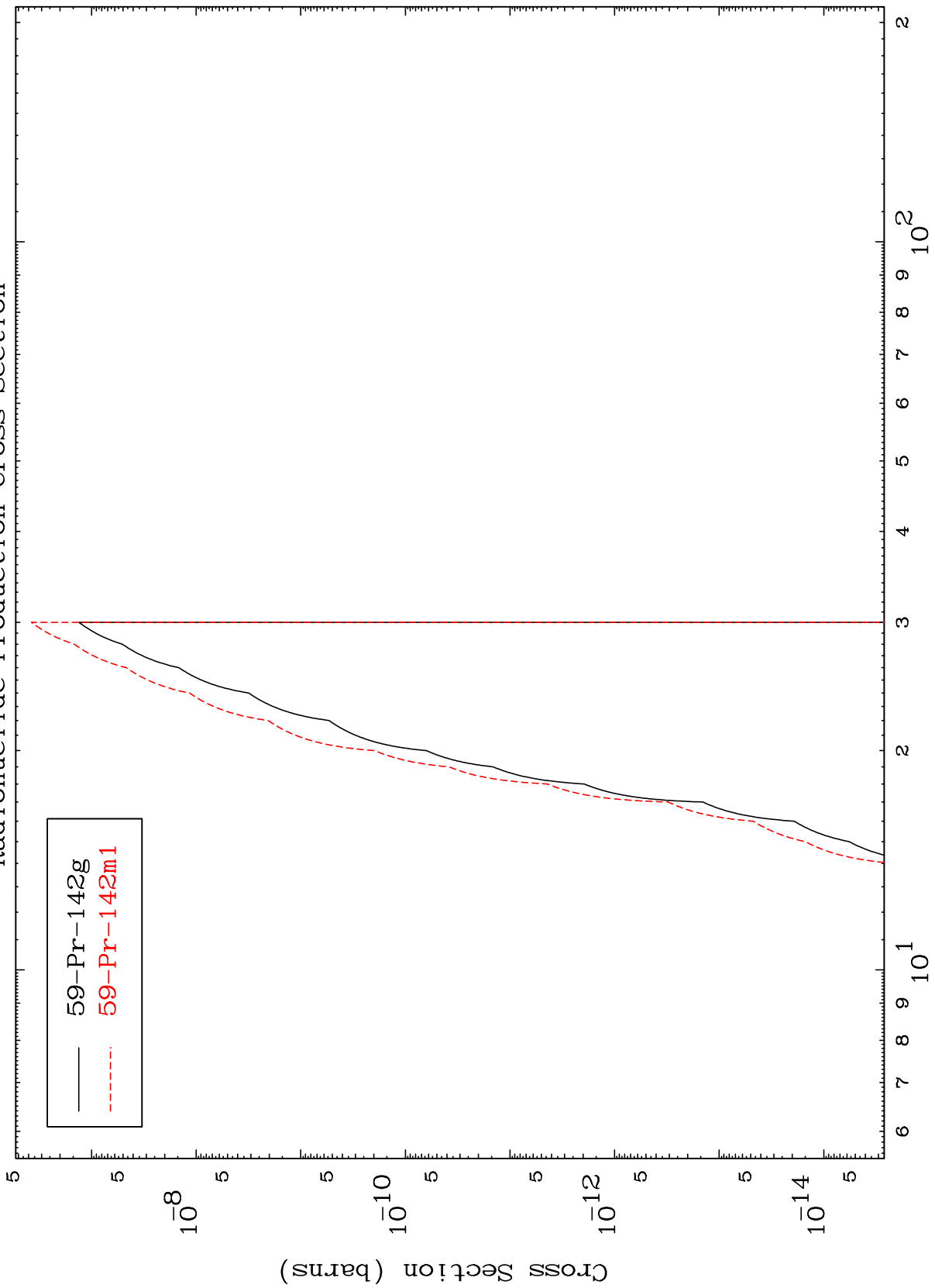


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(n,n') p α

61-Pm-147

Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1

14

Incident Energy (MeV)

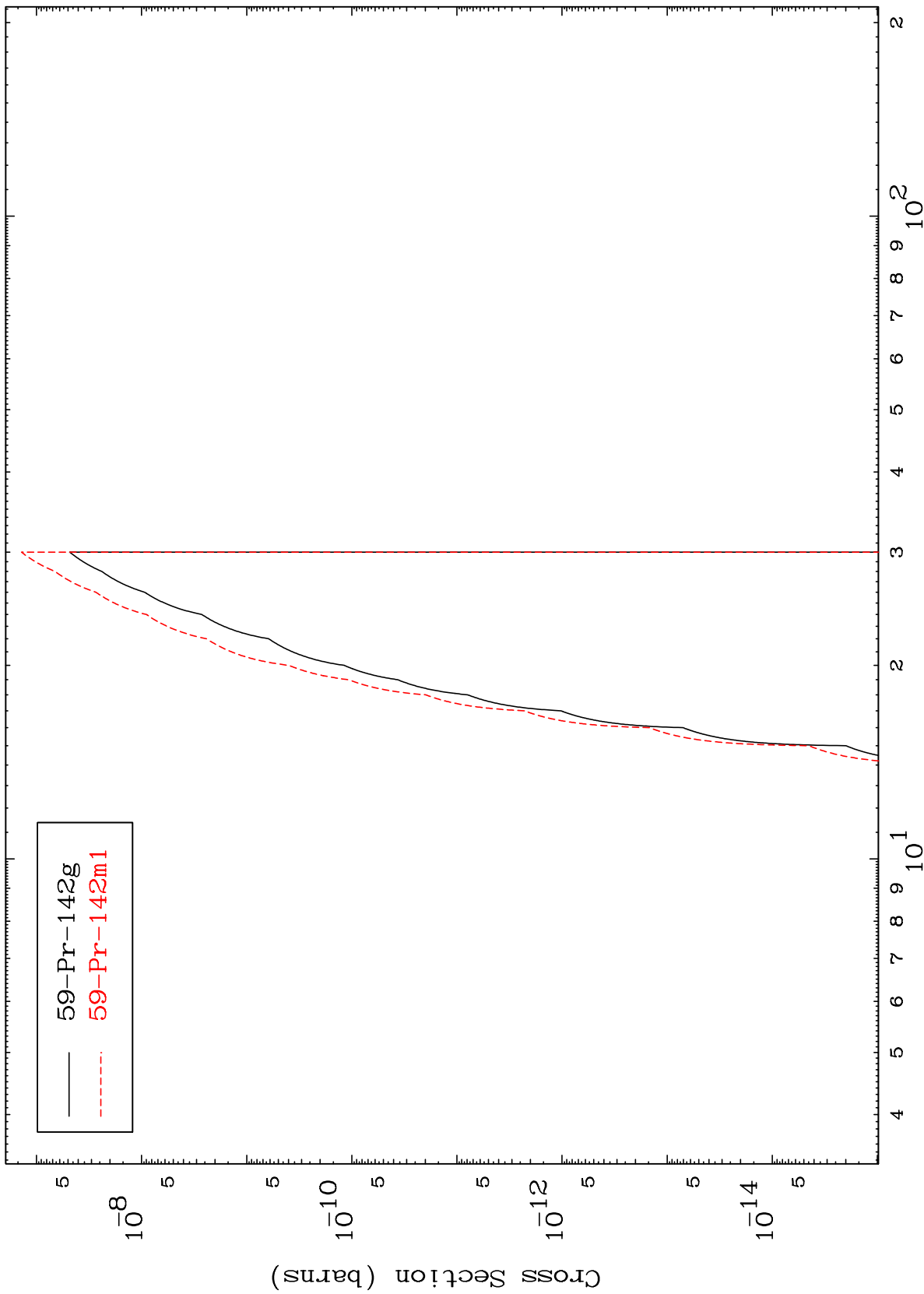
61-Pm-147

MAT 6149

(n,d) α

61-Pm-147

Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1

15

Incident Energy (MeV)

61-Pm-147