

Program EVALPLOT
(Version 2021-1)

by

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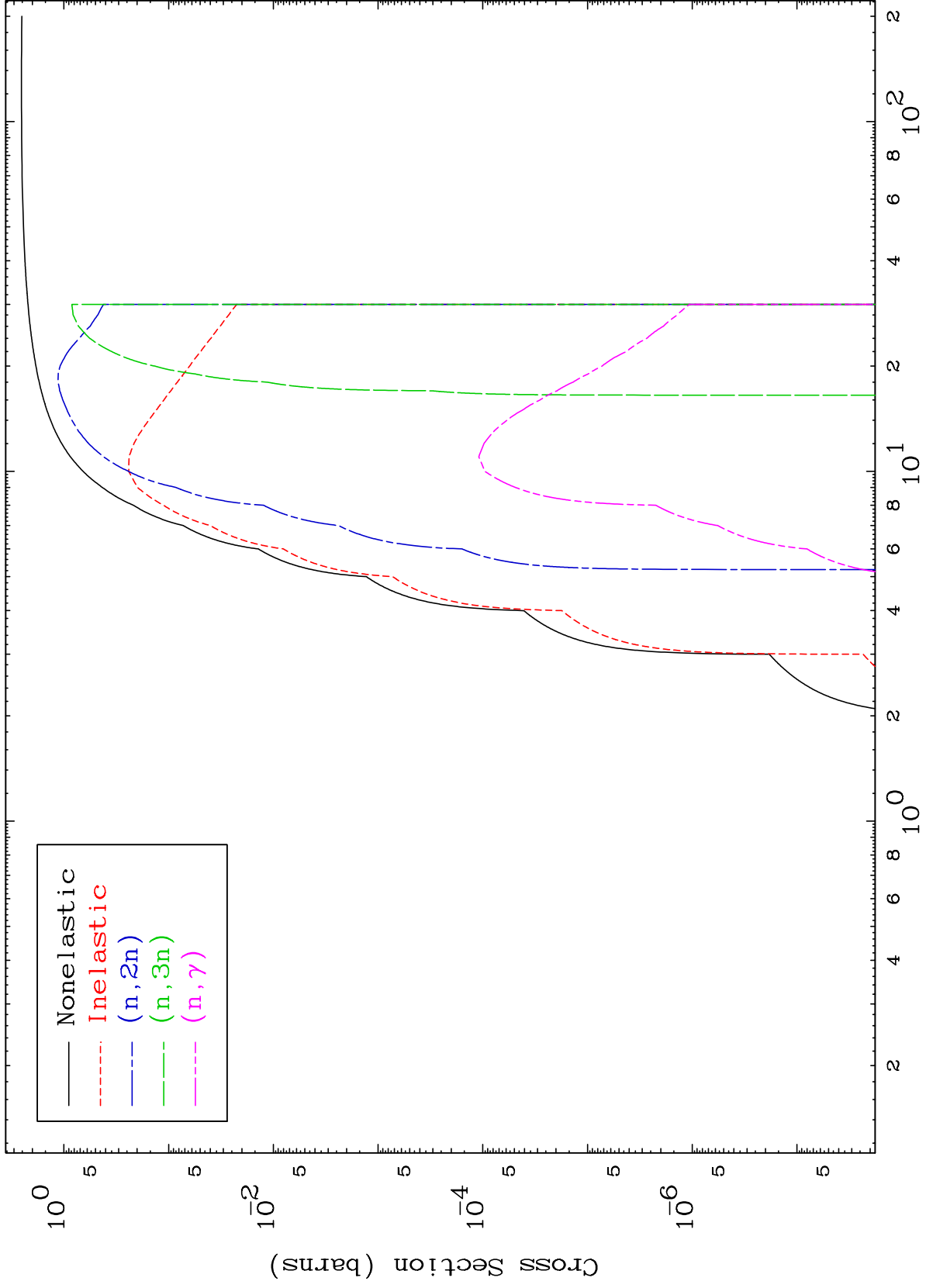
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Press Mouse Button to Start

MAT 6134

Deuteron Major
0 Kelvin Cross Sections

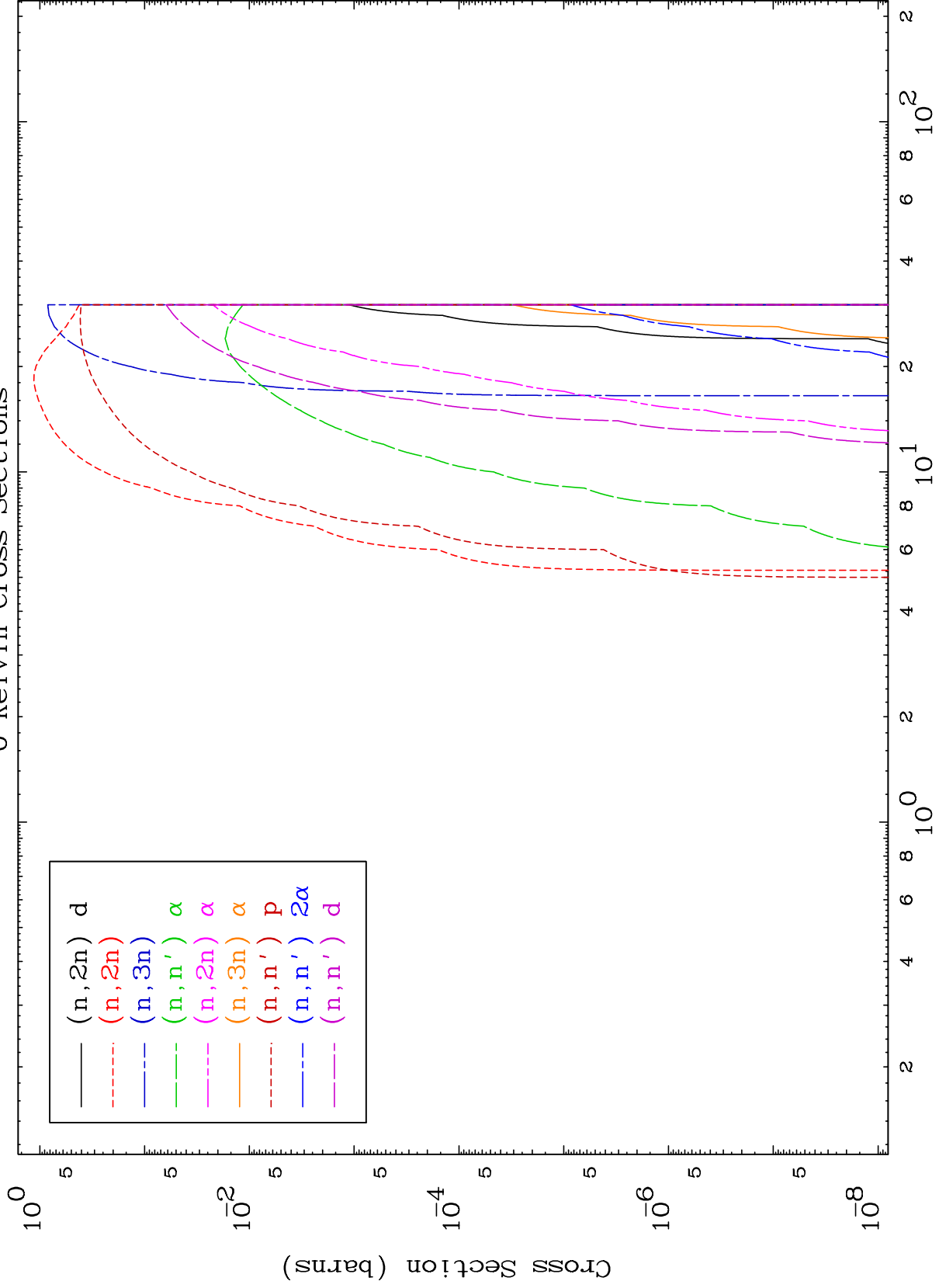
61-Pm-142

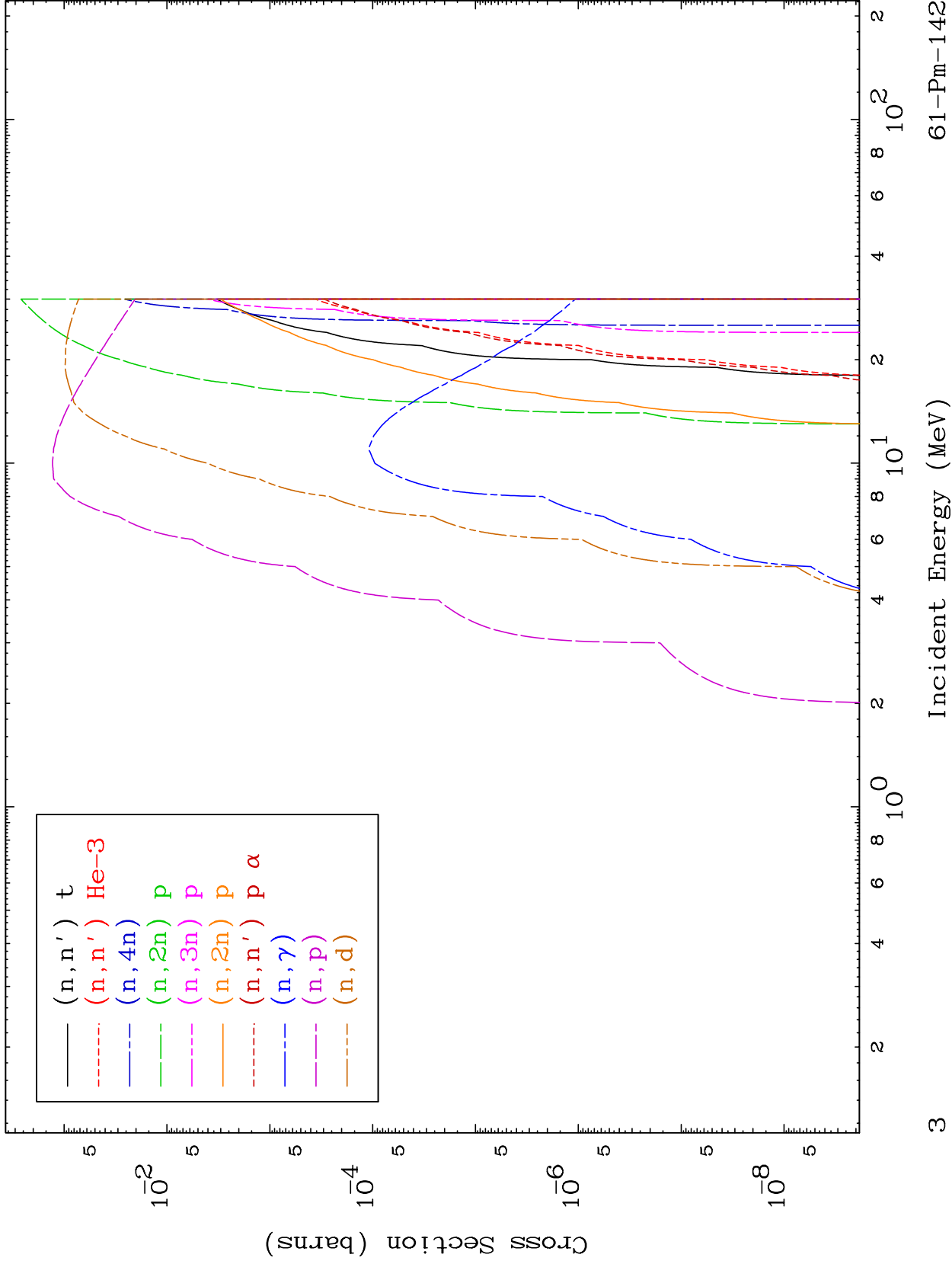


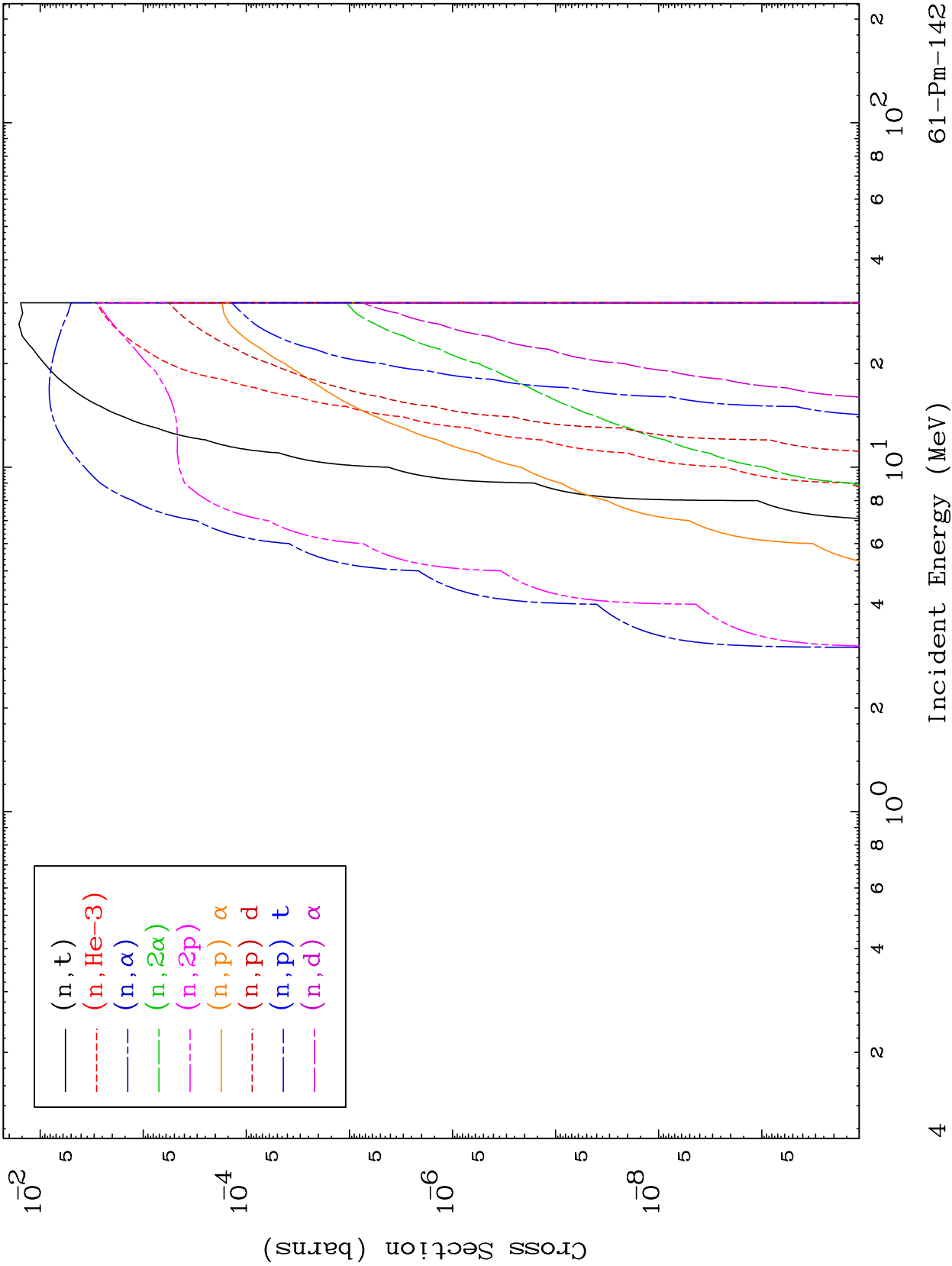
MAT 6134

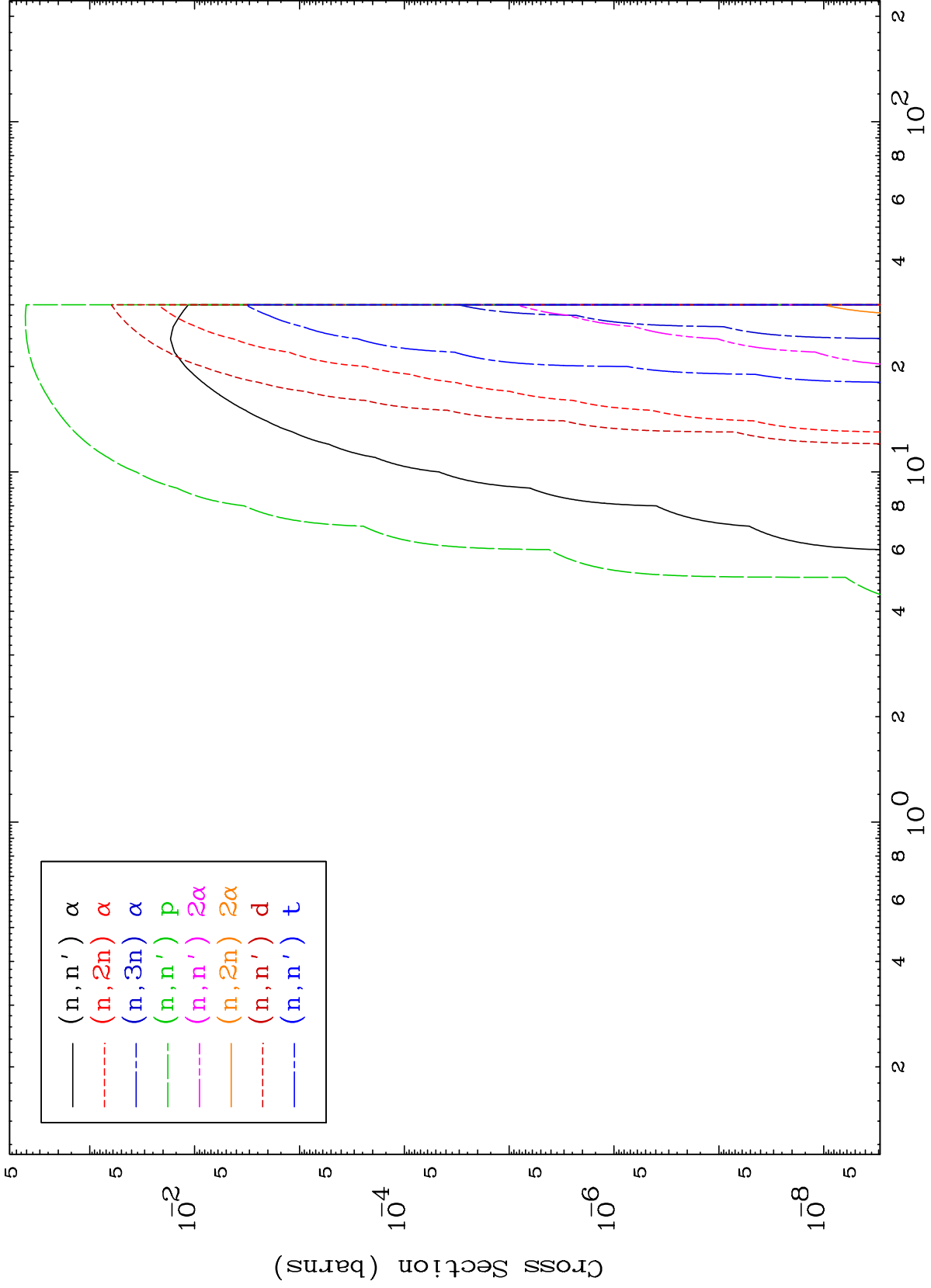
Deuteron Neutron Absorption
0 Kelvin Cross Sections

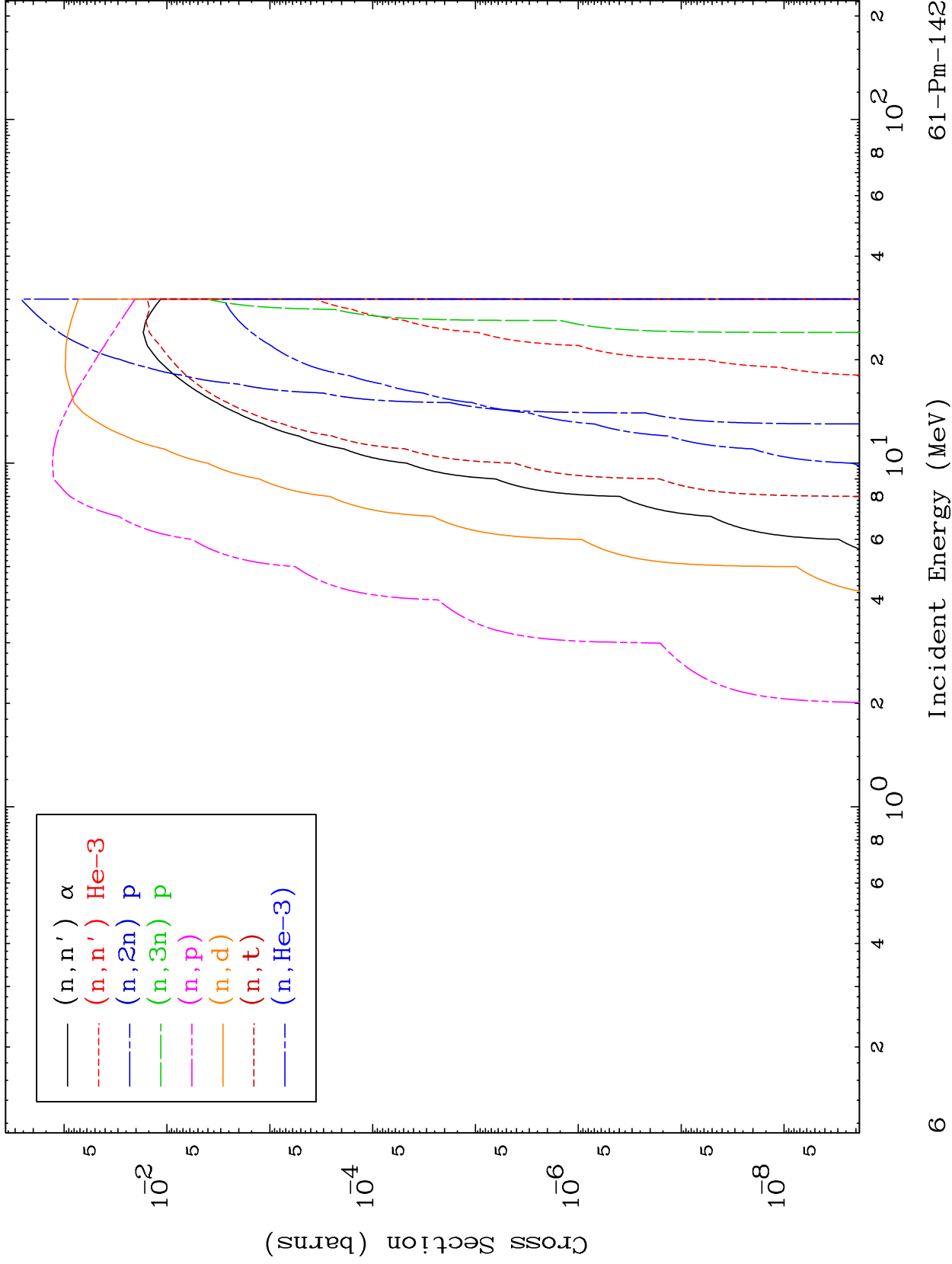
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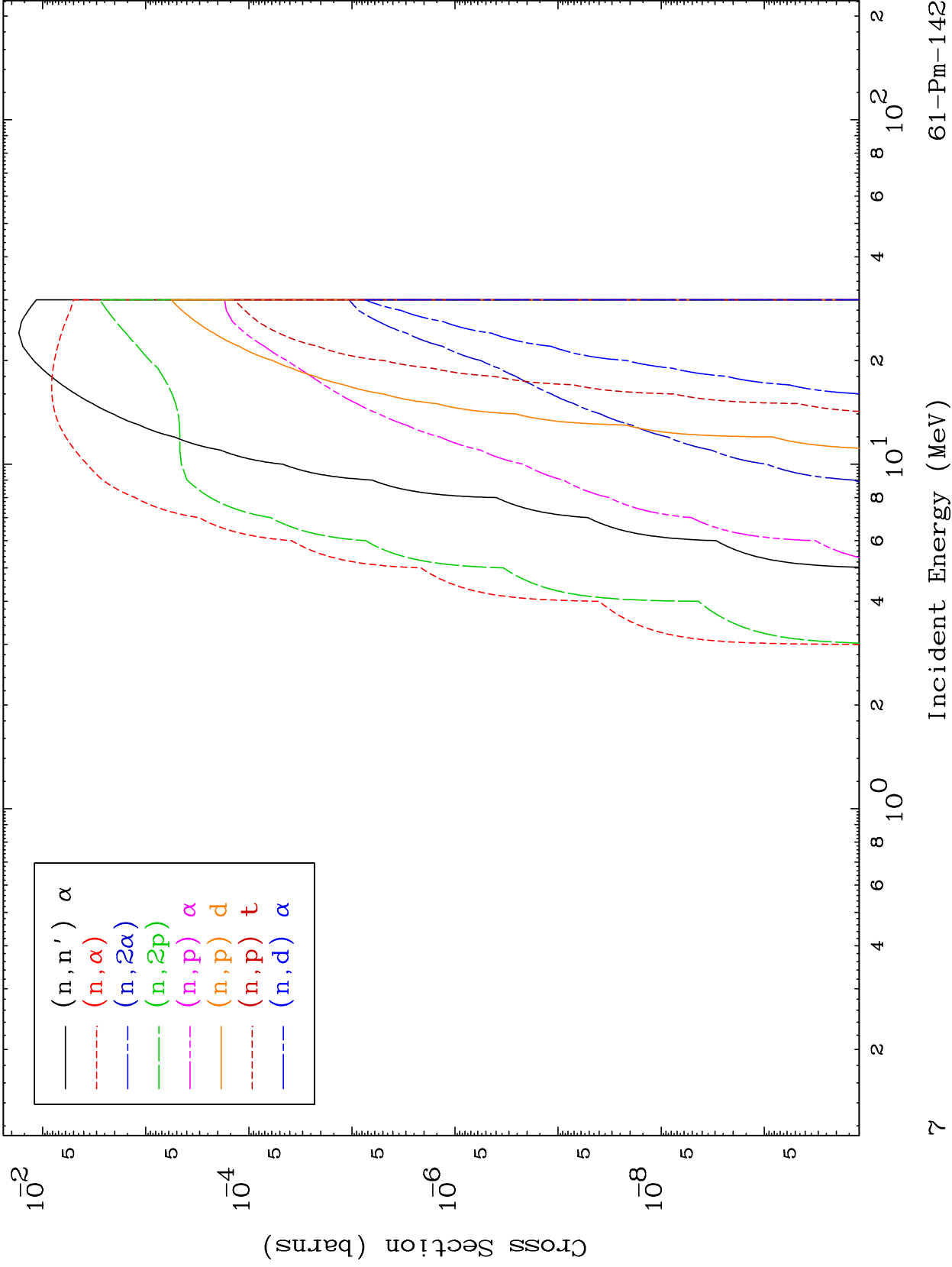










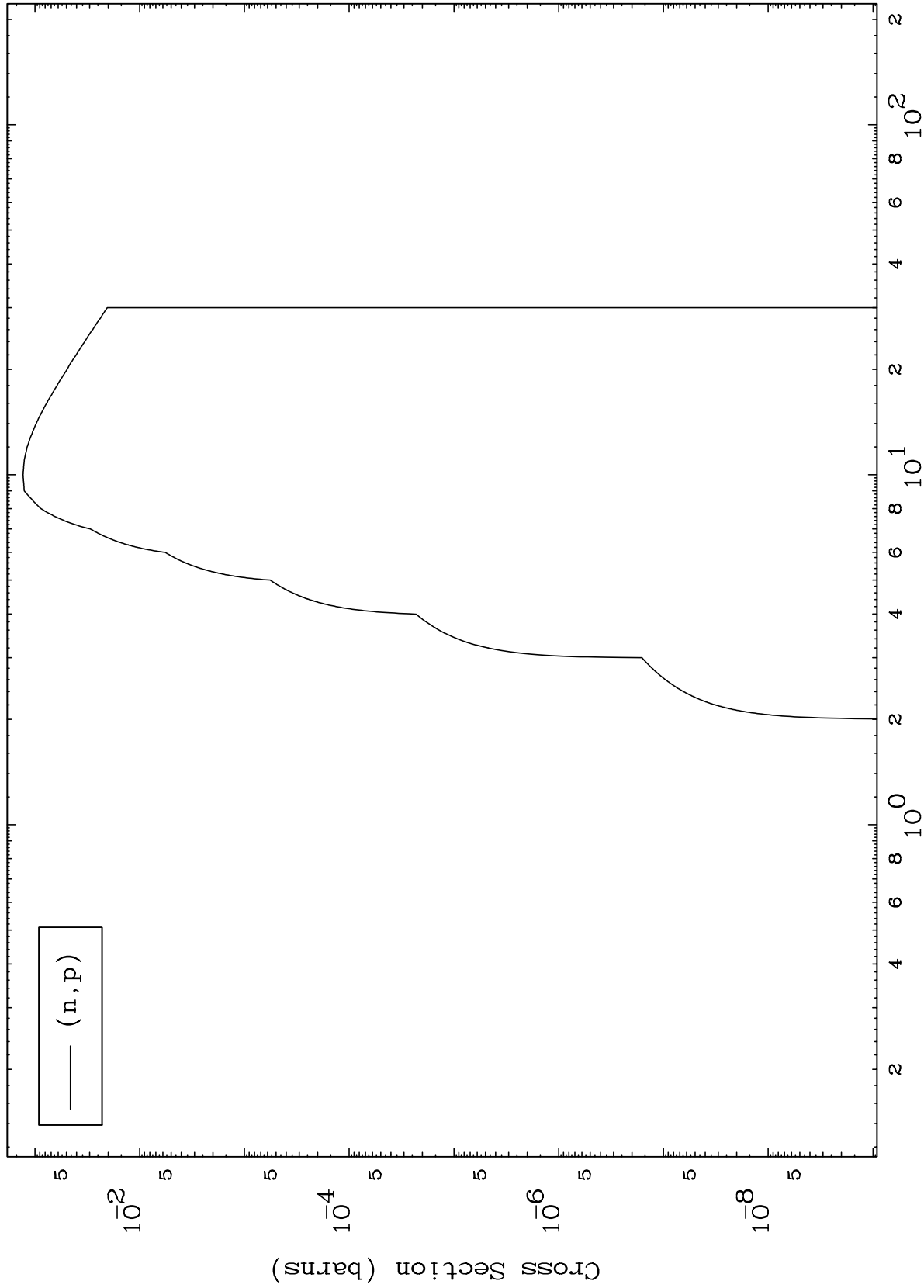


MAT 6134

(d,p) Levels

61-Pm-142

0 Kelvin Cross Sections

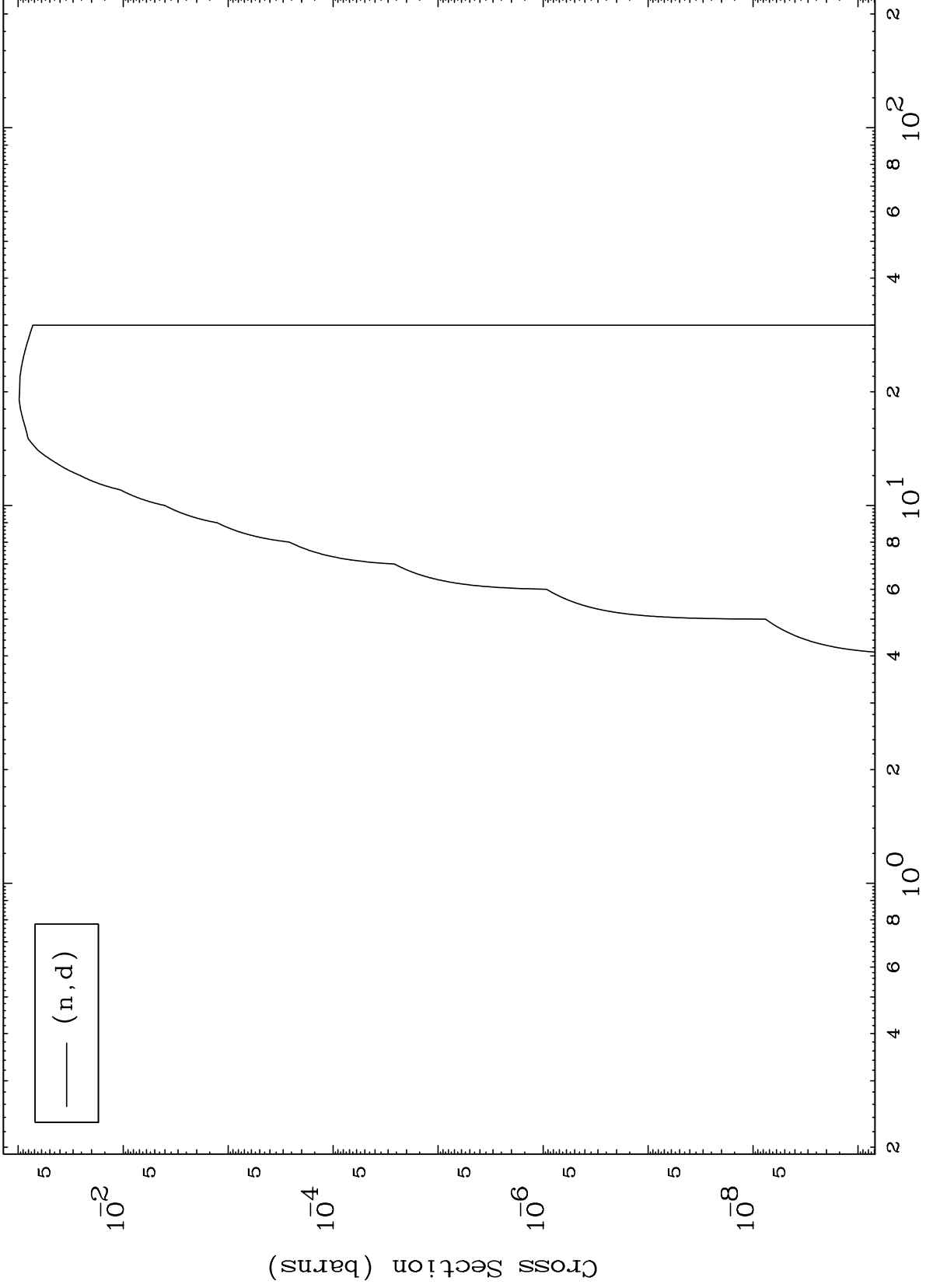


MAT 6134

(d,d) Levels

61-Pm-142

0 Kelvin Cross Sections



9

Incident Energy (MeV)

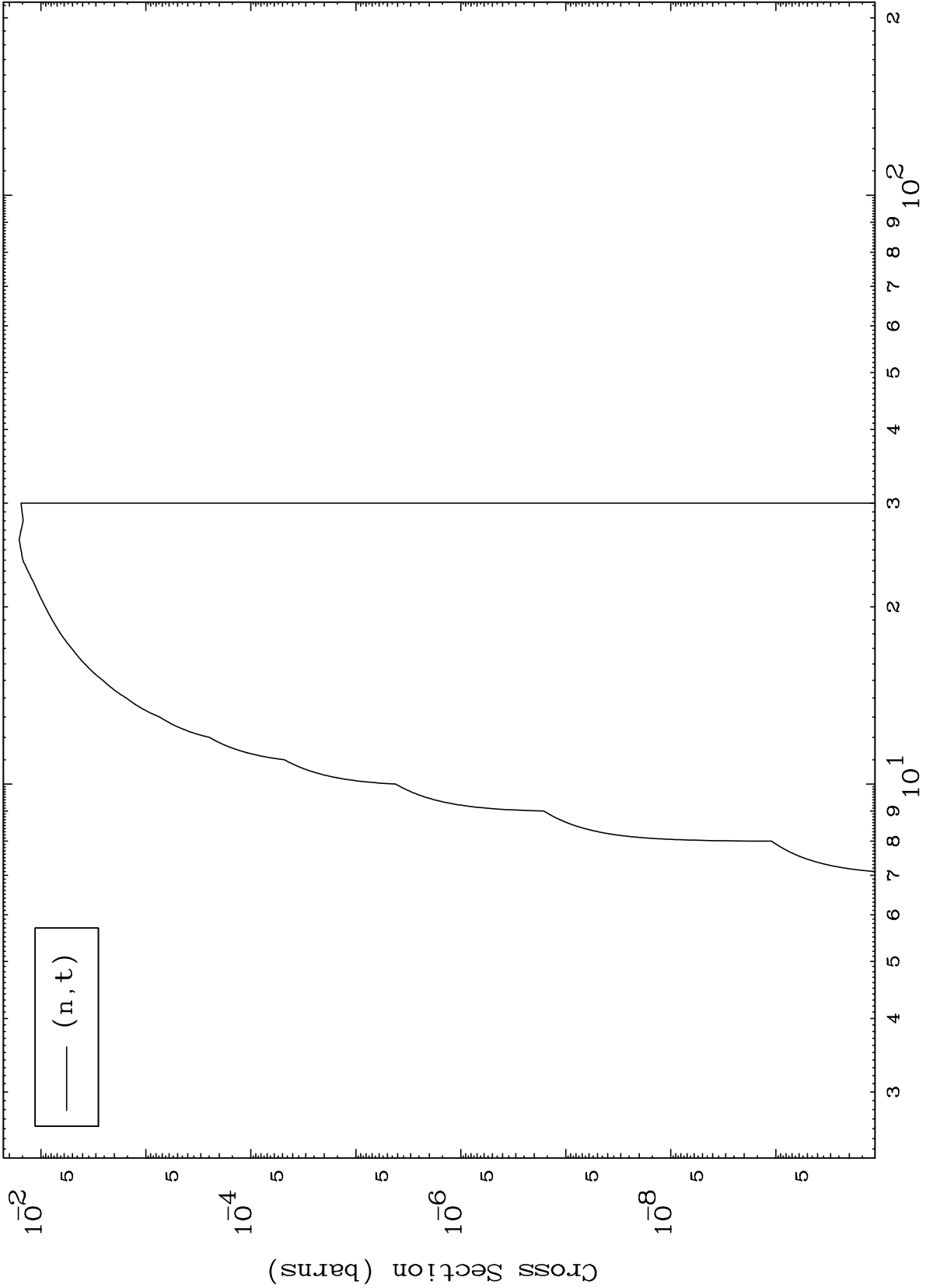
61-Pm-142

MAT 6134

(d,t) Levels

61-Pm-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

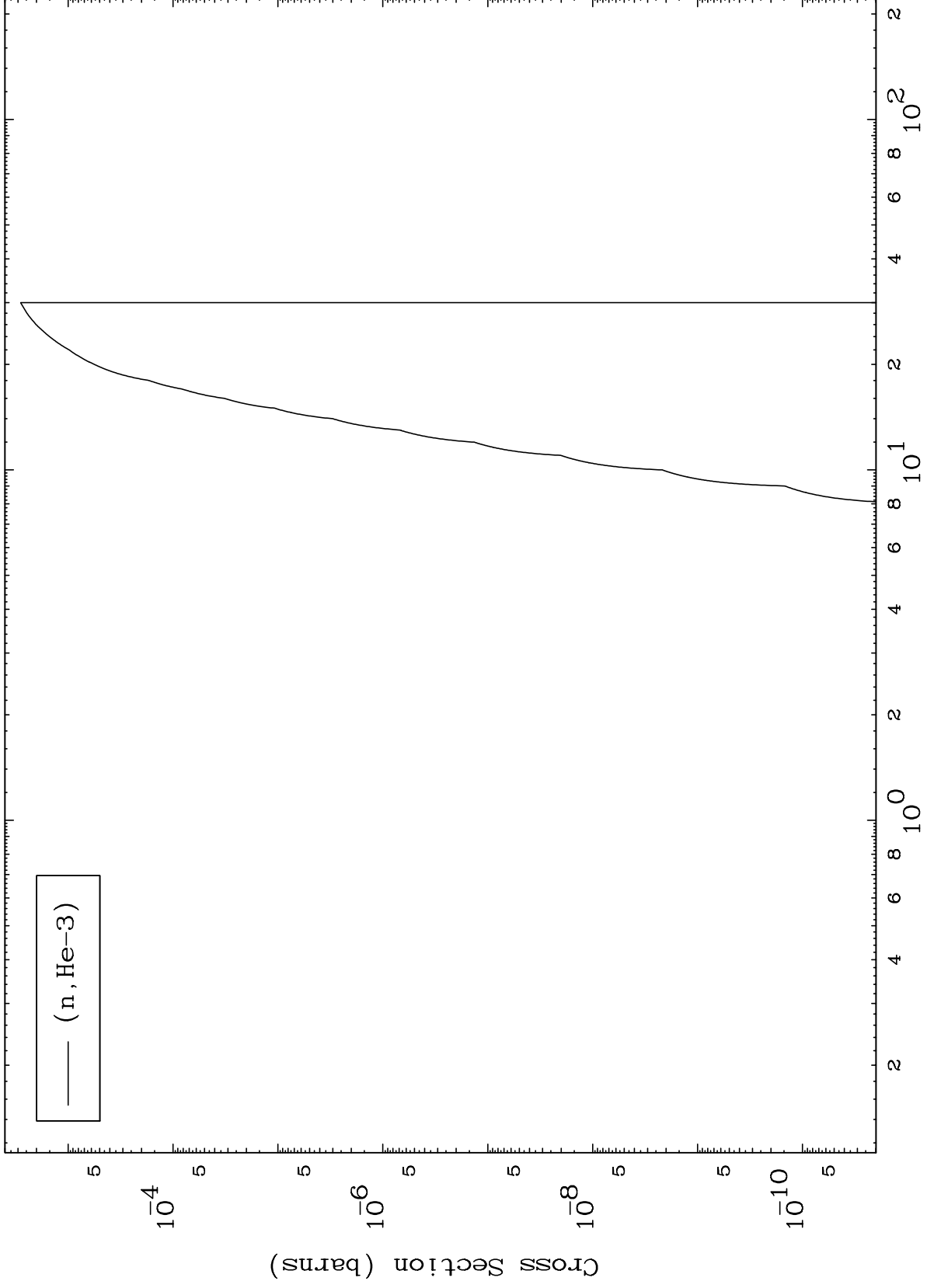
61-Pm-142

MAT 6134

(d,He3) Levels

61-Pm-142

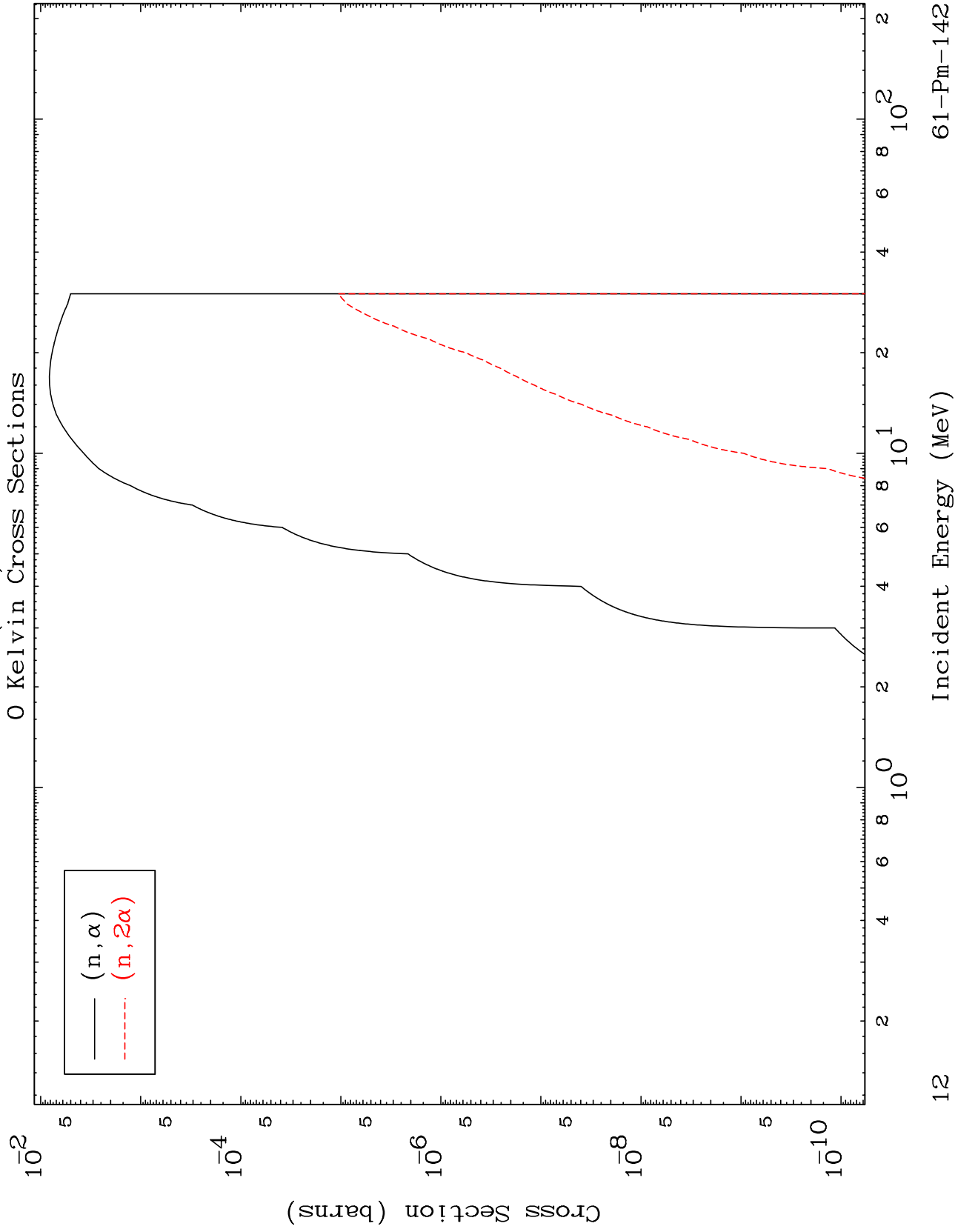
0 Kelvin Cross Sections



MAT 6134

(d, α) Levels

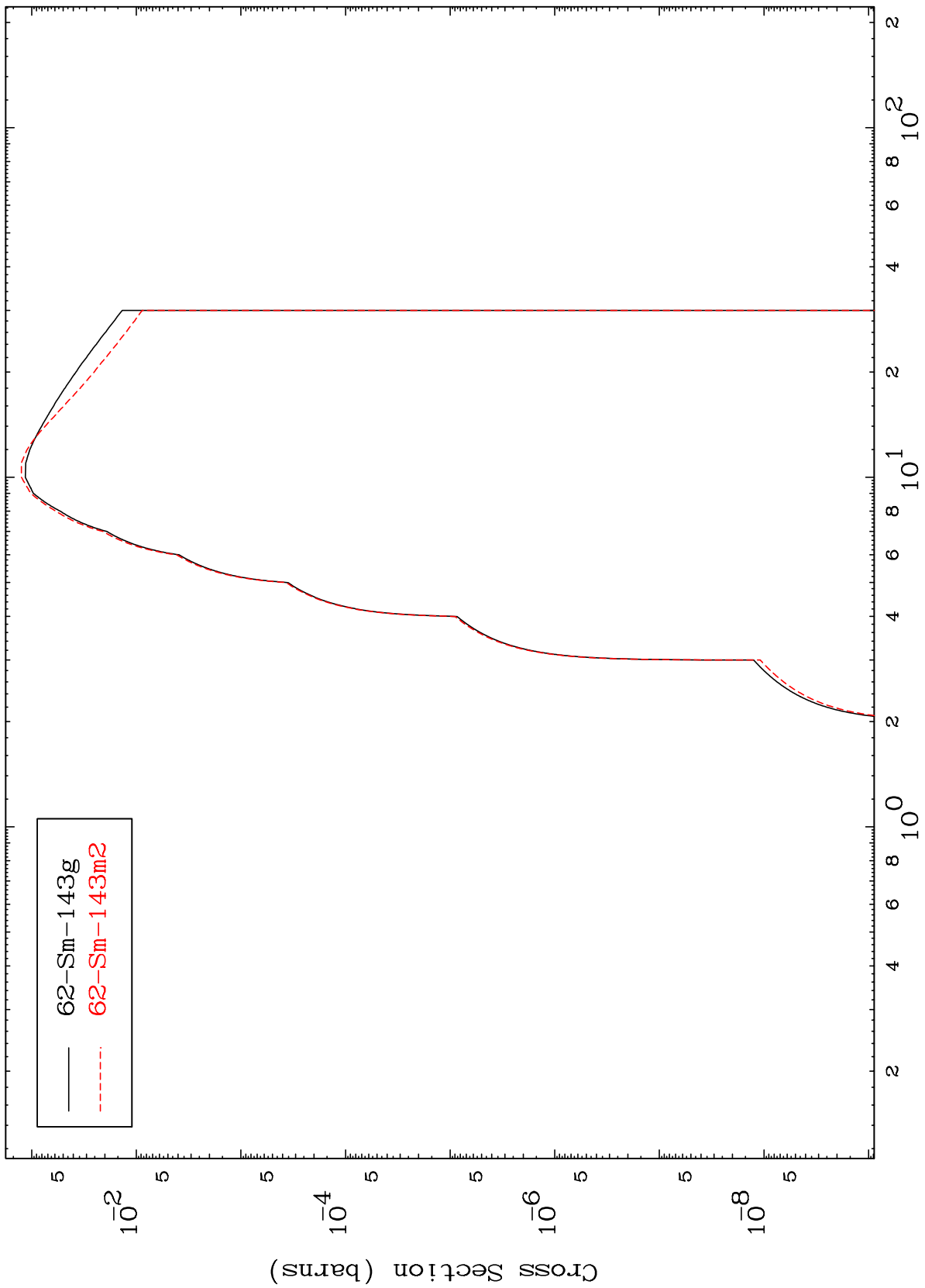
61-Pm-142



MAT 6134

61-Pm-142

Inelastic
Radionuclide Production Cross Section



— 62-Sm-143g
- - - 62-Sm-143m2

61-Pm-142

Incident Energy (MeV)

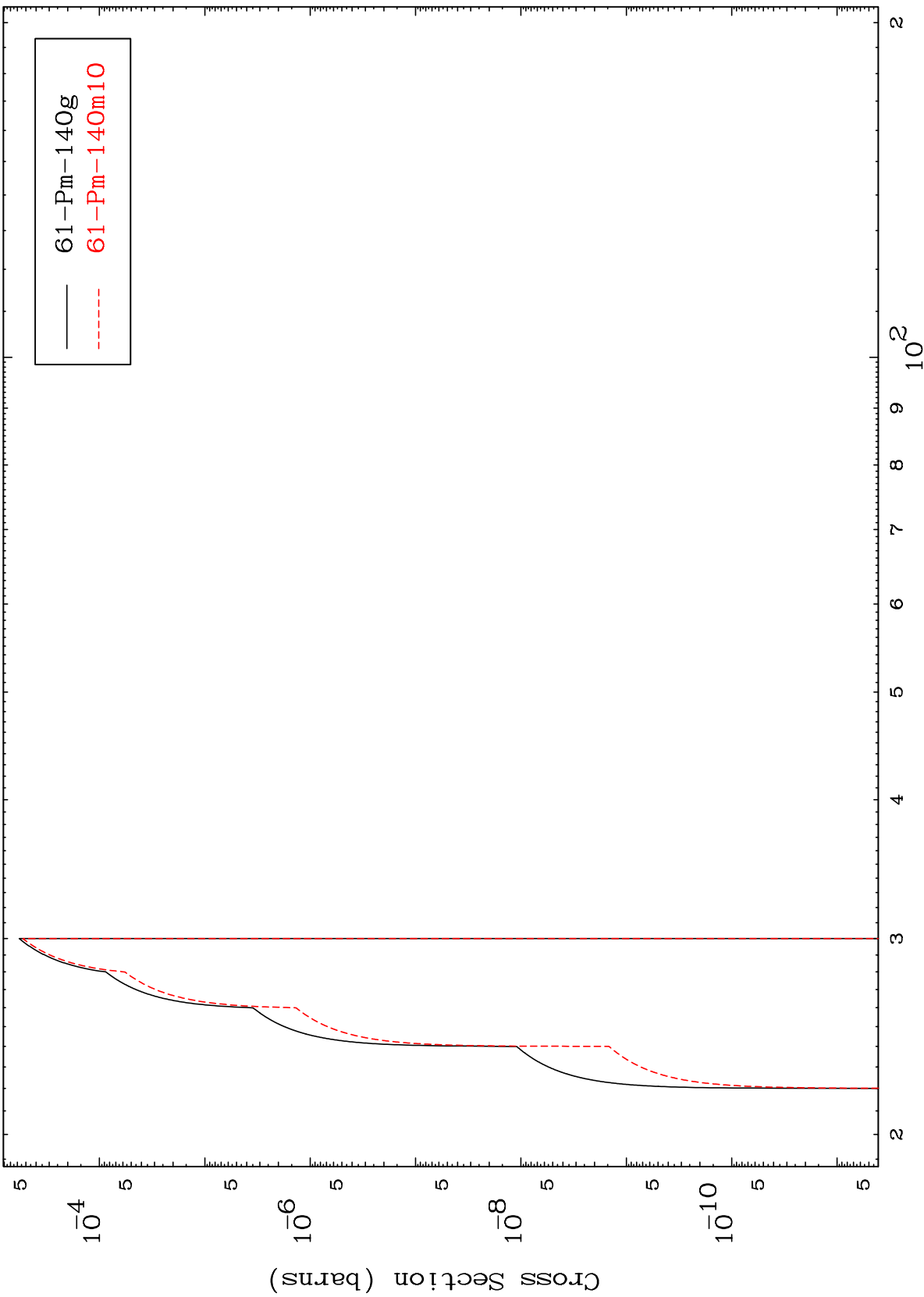
13

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(n,2n) d

61-Pm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

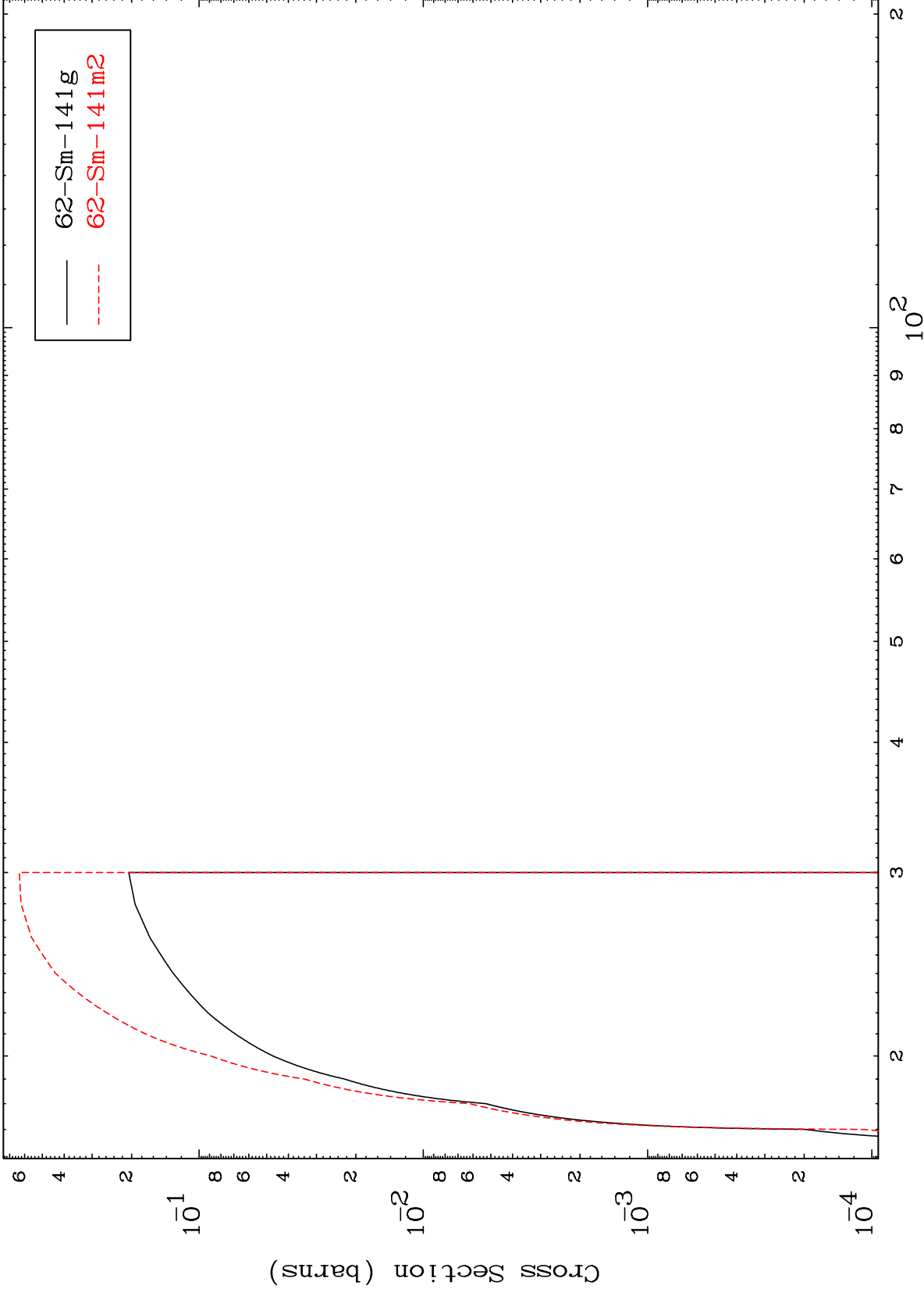
61-Pm-142

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(n,3n)

61-Pm-142

Radionuclide Production Cross Section



15

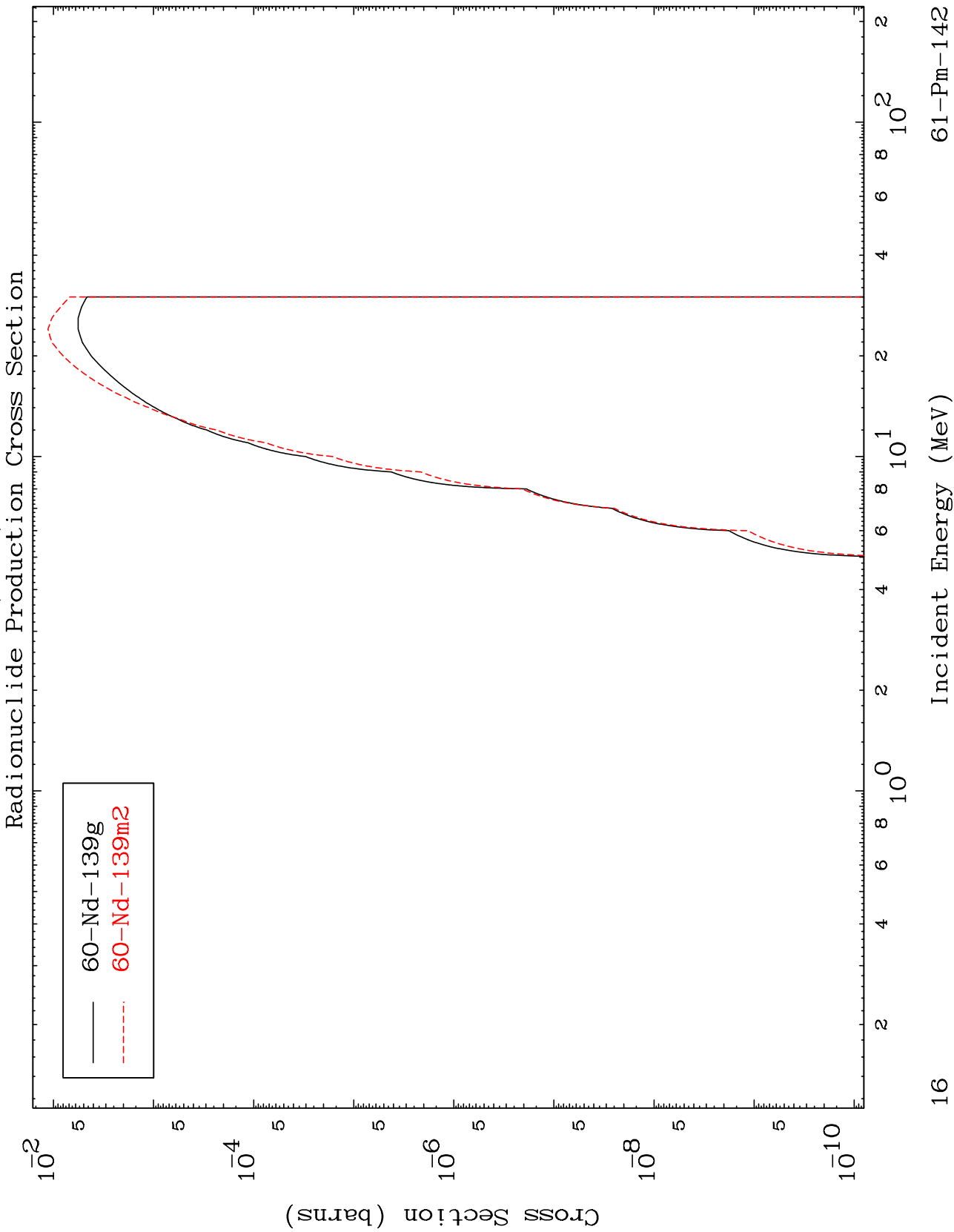
Incident Energy (MeV)

61-Pm-142

MAT 6134

$(n, n') \alpha$

61-Pm-142

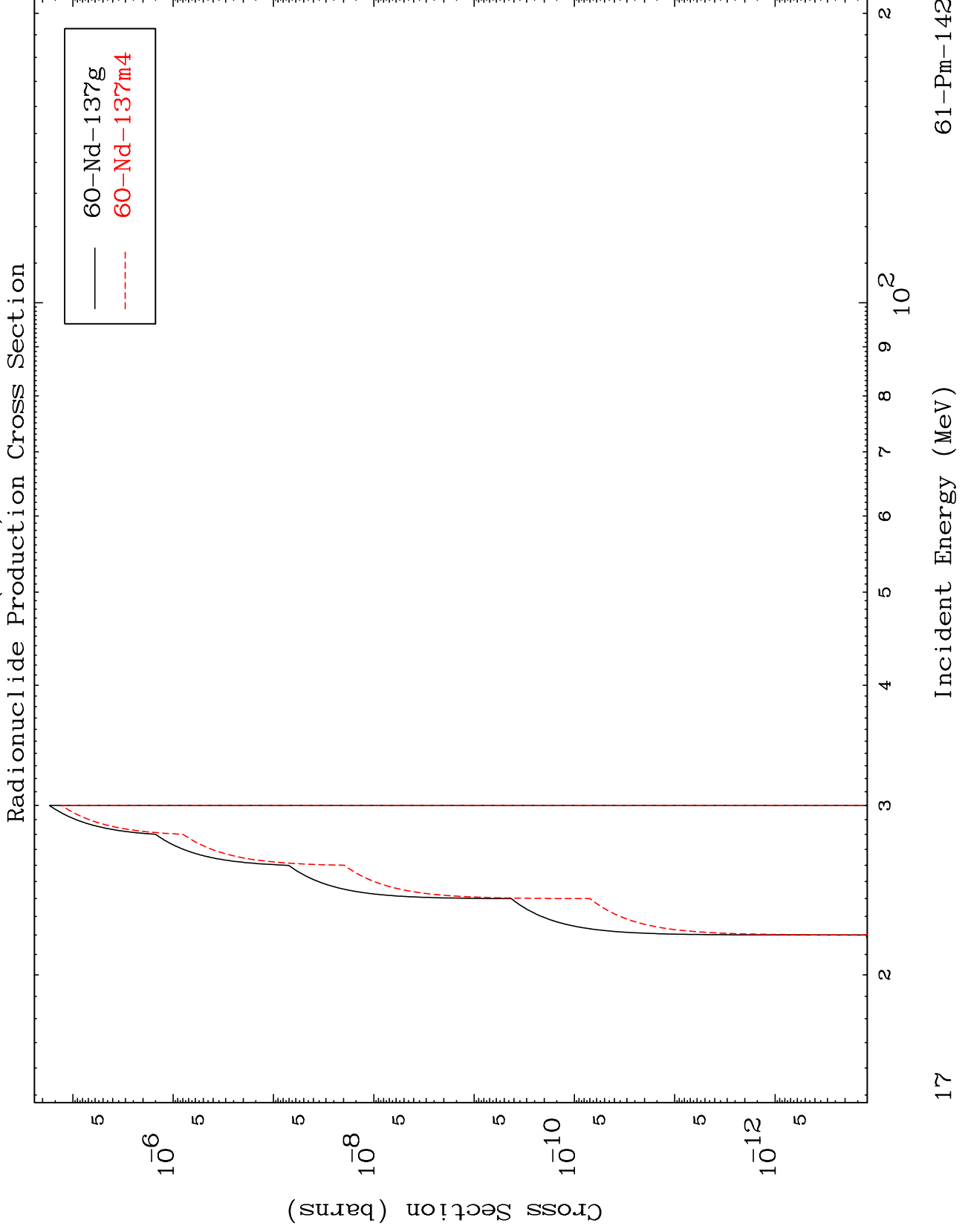


60-Nd-139g
60-Nd-139m2

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(n,3n) α

61-Pm-142



17

Incident Energy (MeV)

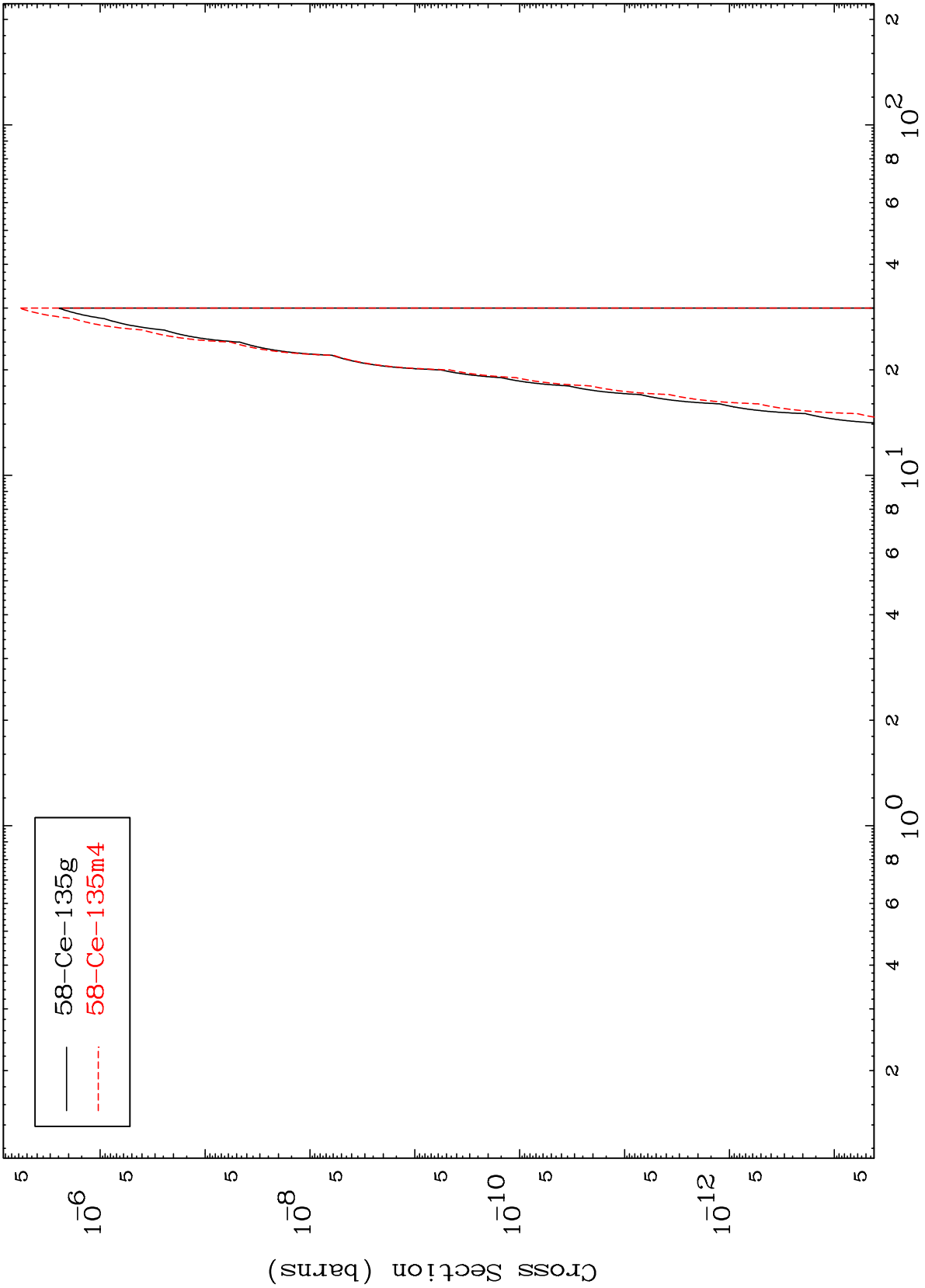
61-Pm-142

MAT 6134

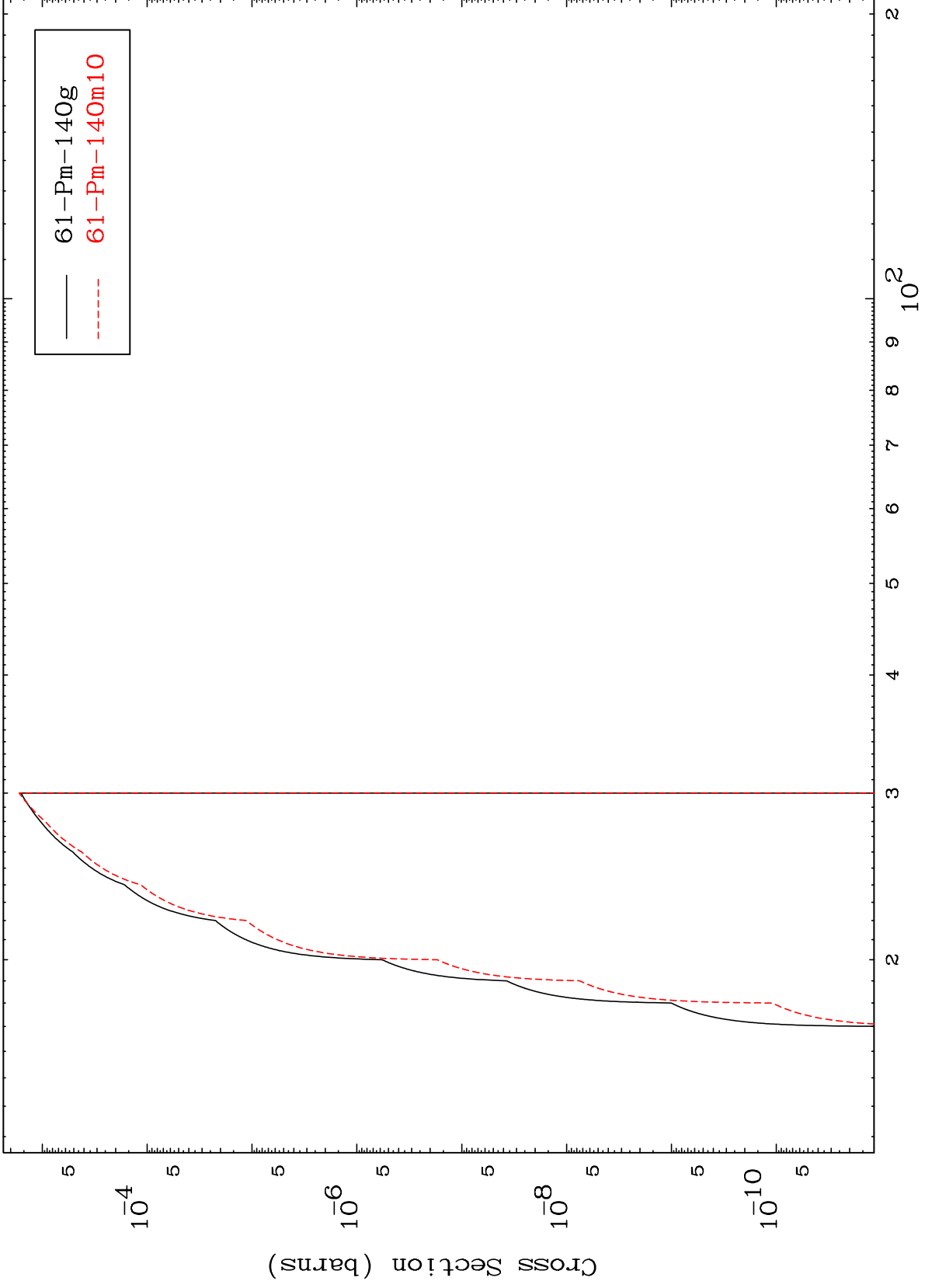
(n,n') 2 α

61-Pm-142

Radionuclide Production Cross Section



Radionuclide Production Cross Section

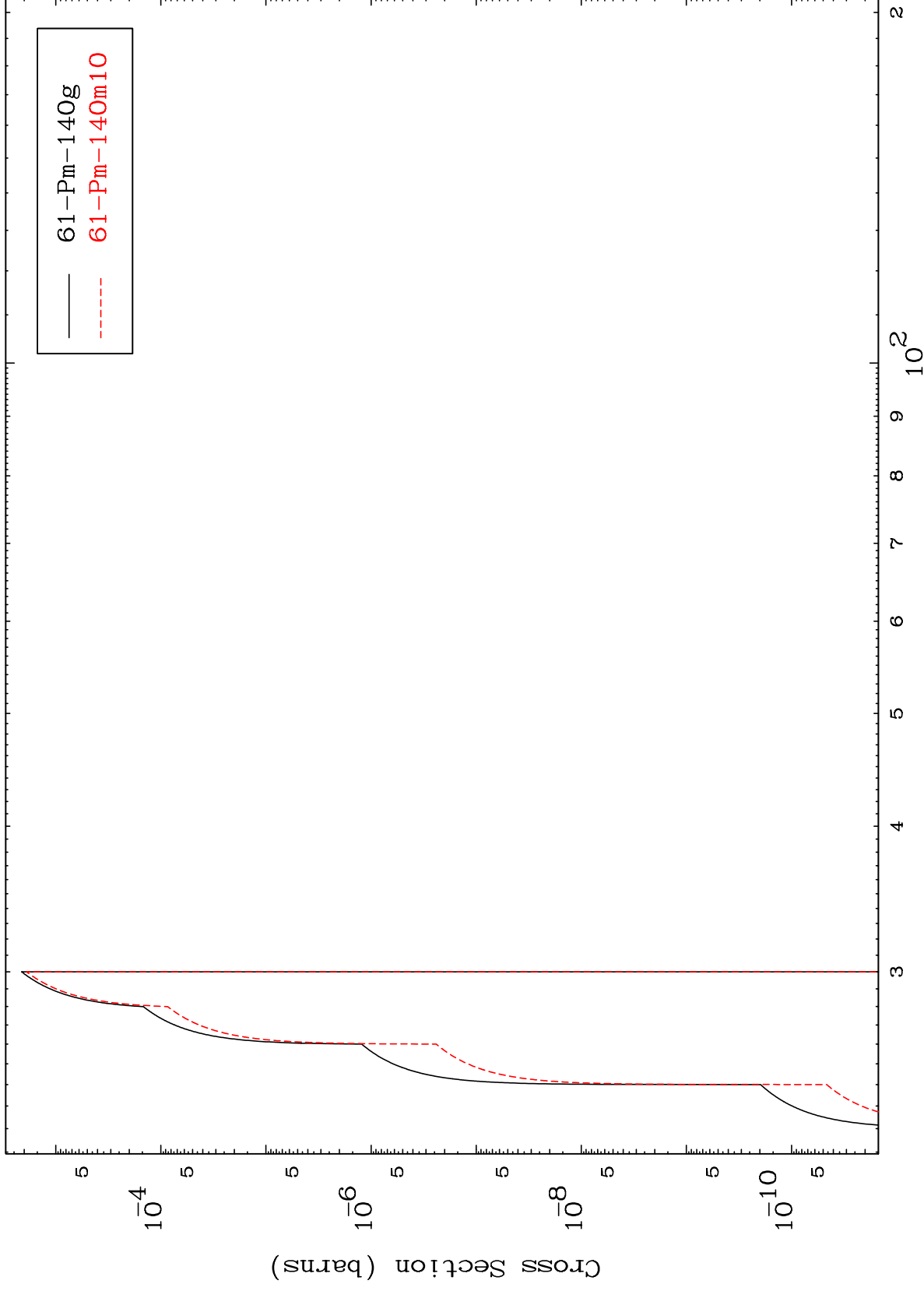


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(n,3n) p

61-Pm-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

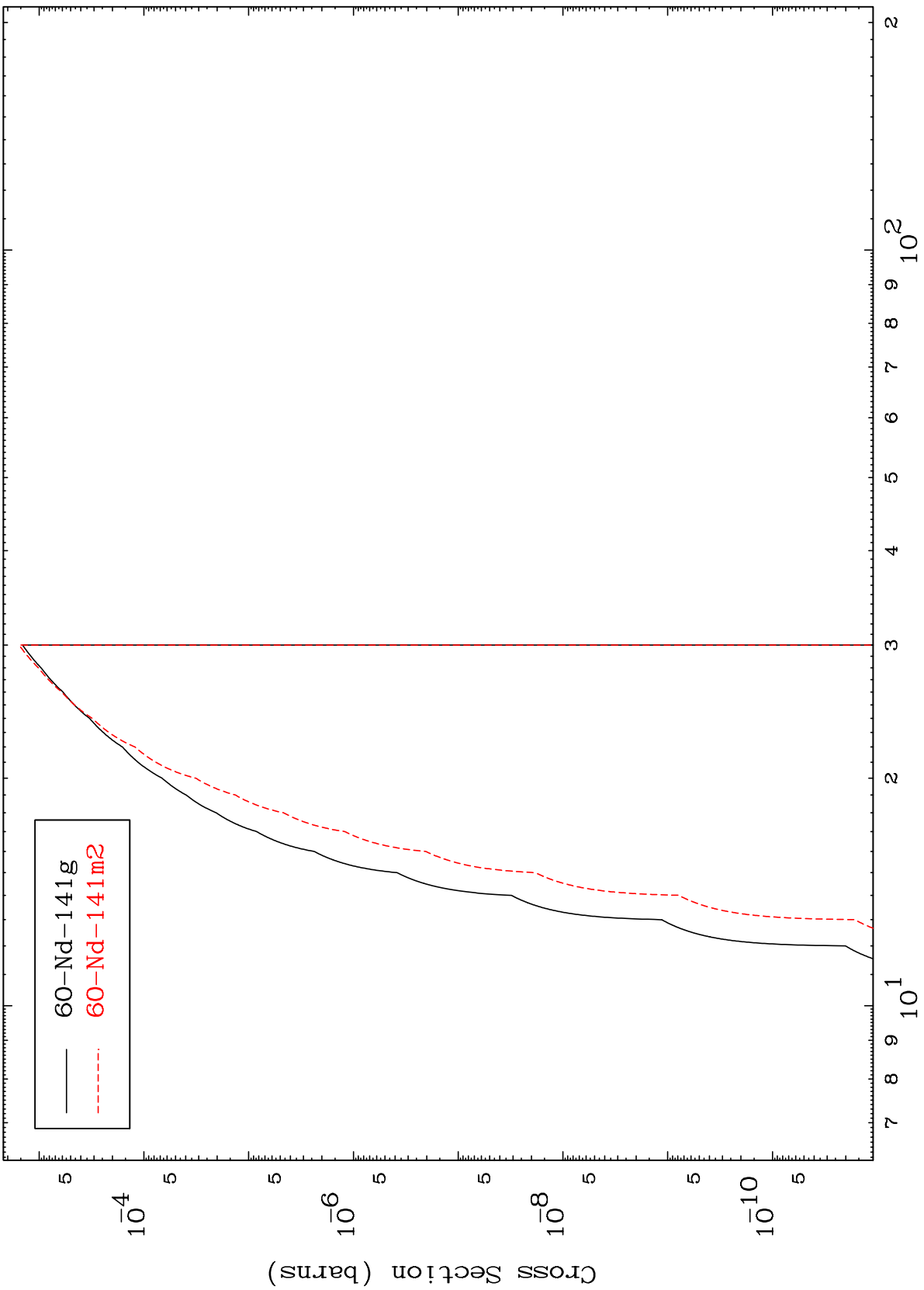
61-Pm-142

MAT 6134

(n,2n) p

61-Pm-142

Radionuclide Production Cross Section

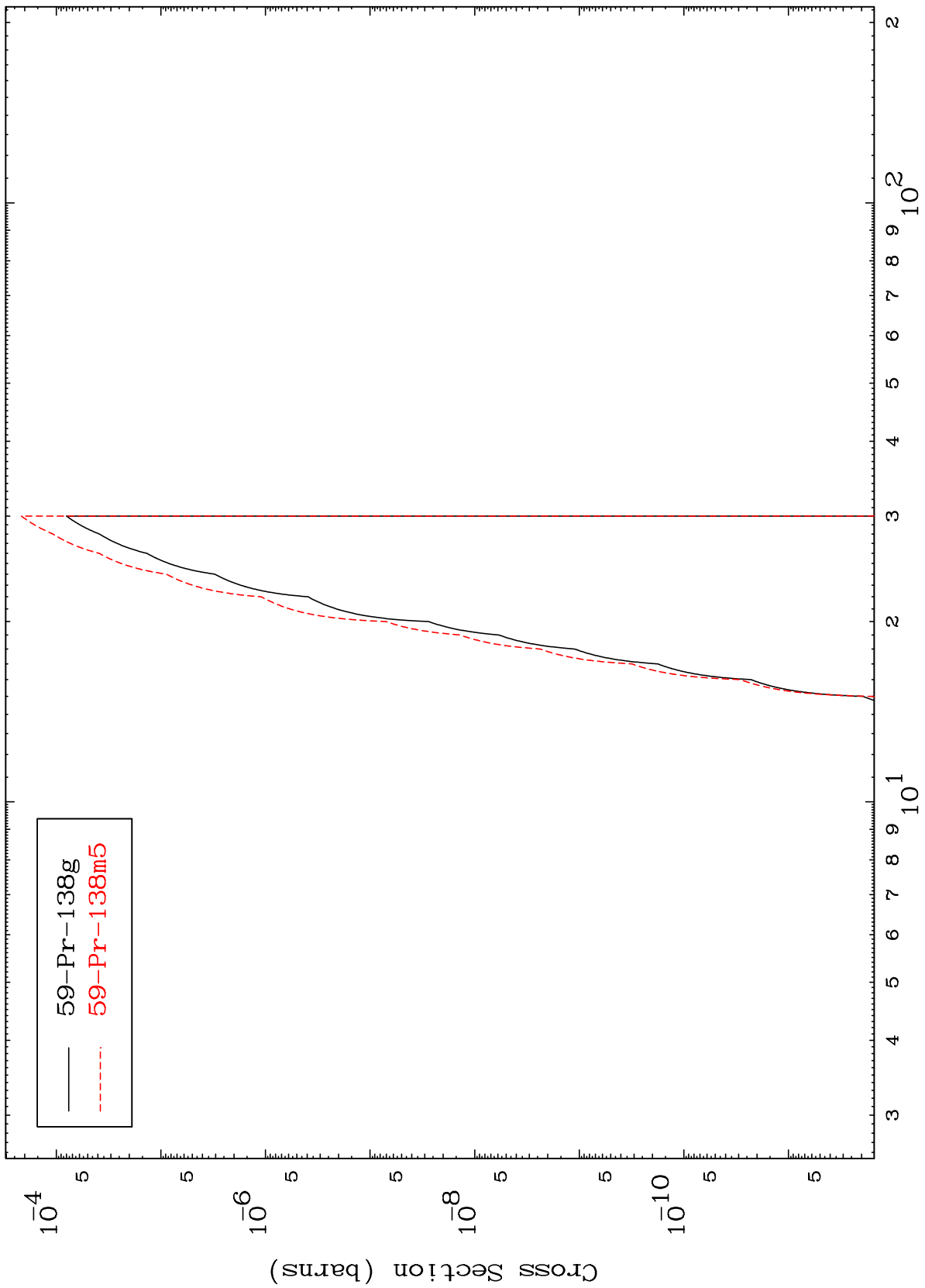


MAT 6134

(n,n') p α

61-Pm-142

Radionuclide Production Cross Section

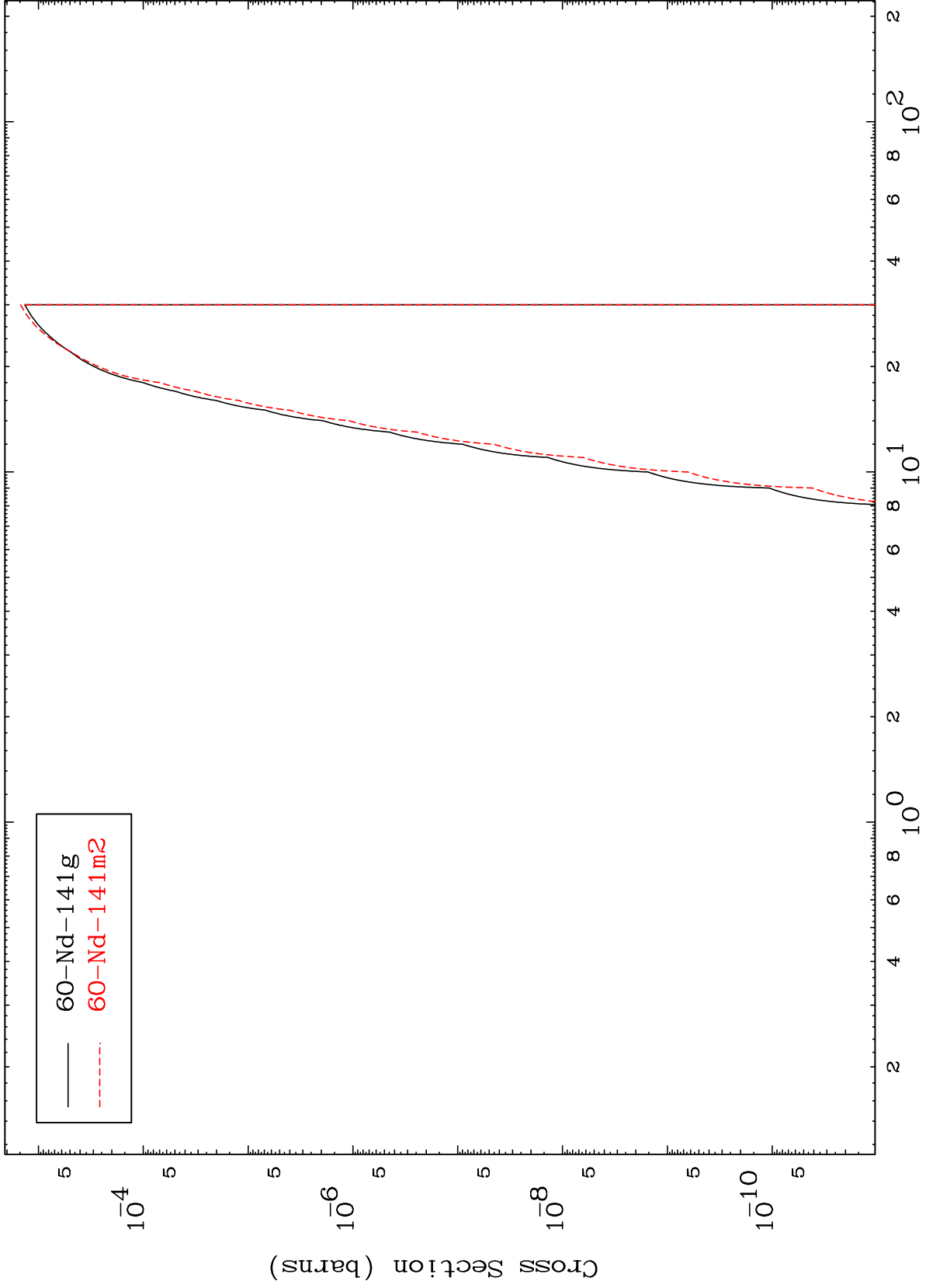


MAT 6134

(n,He-3)

61-Pm-142

Radionuclide Production Cross Section



23

Incident Energy (MeV)

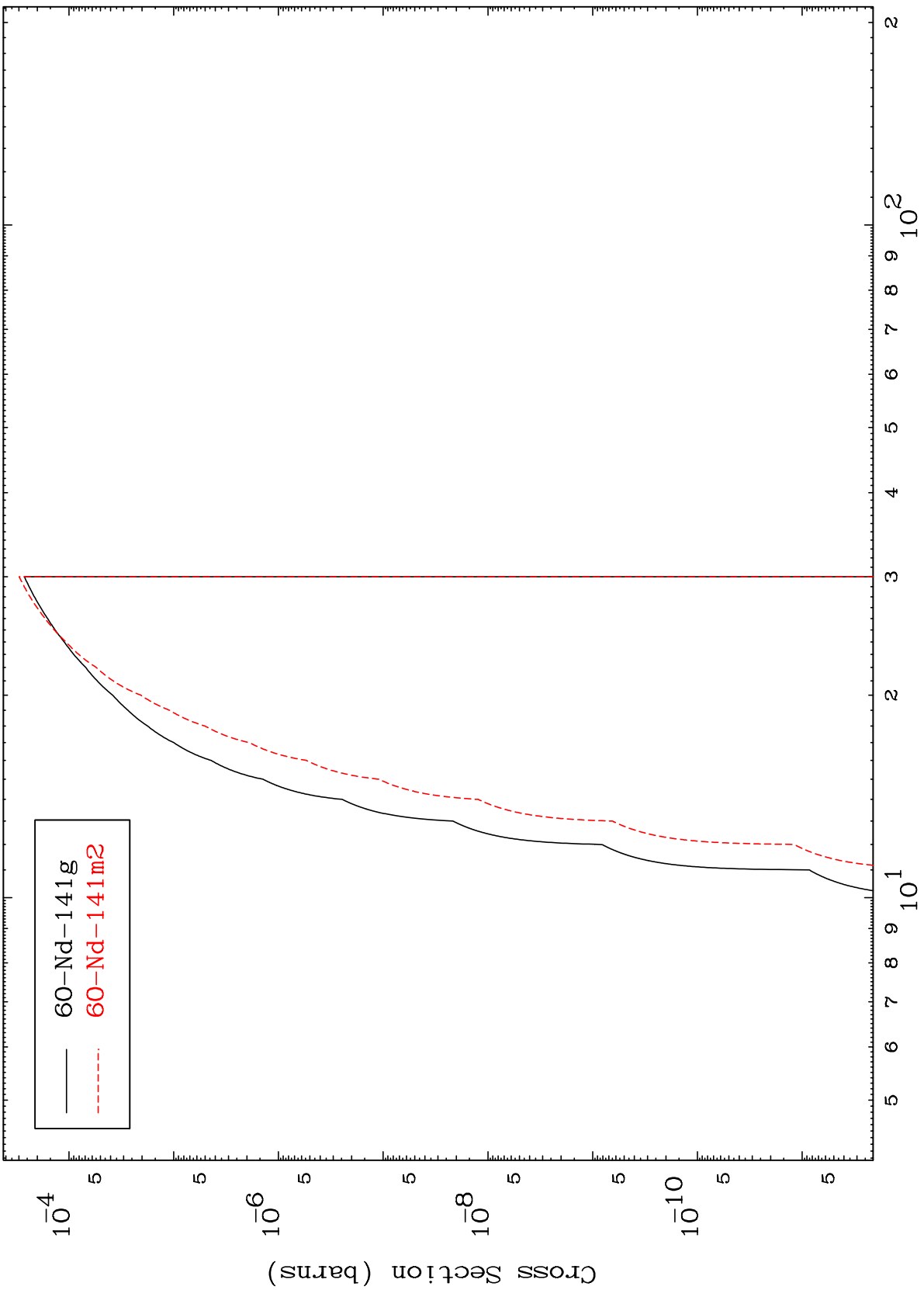
61-Pm-142

MAT 6134

(n,p) d

61-Pm-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

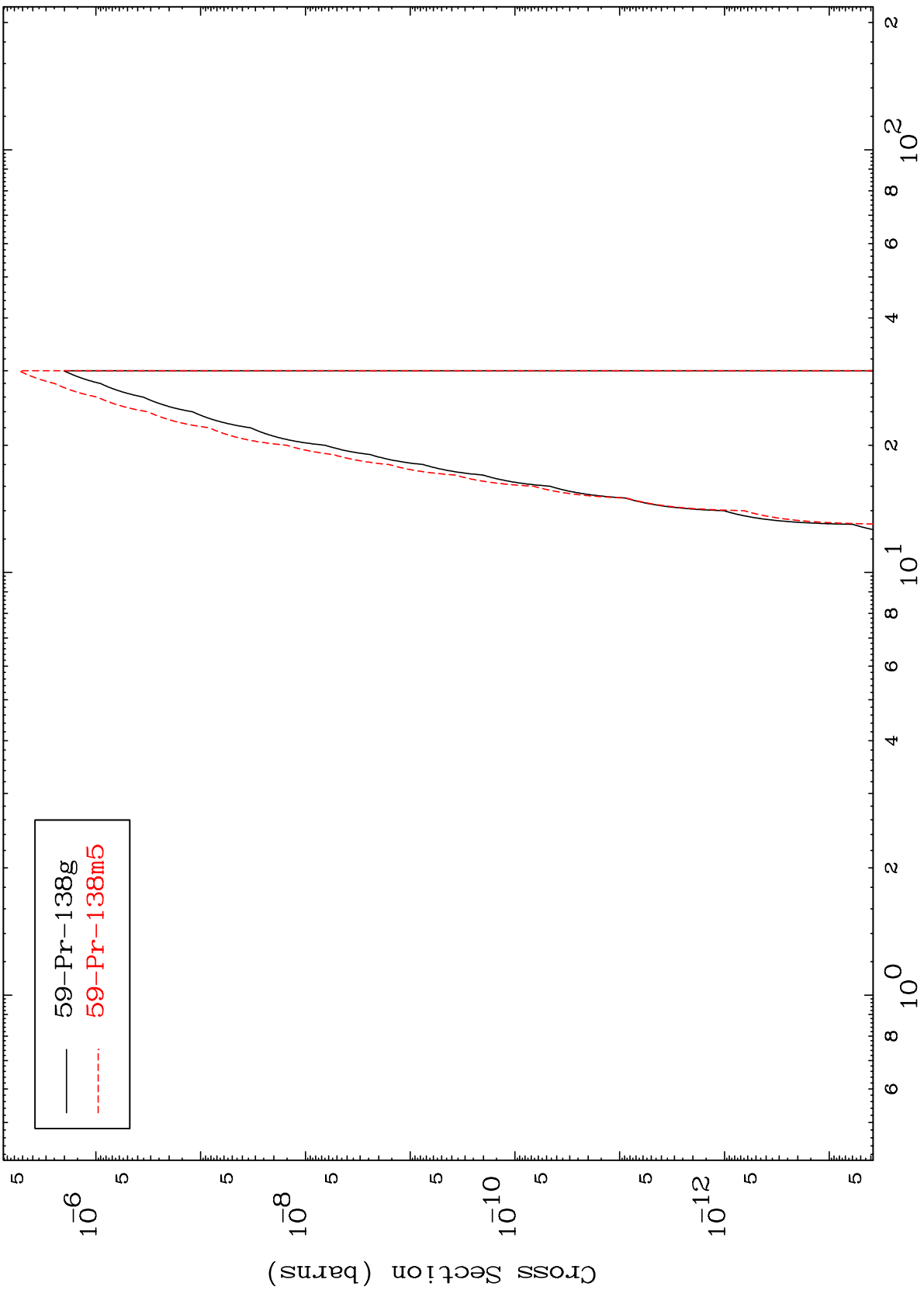
61-Pm-142

MAT 6134

(n,d) α

61-Pm-142

Radionuclide Production Cross Section



59-Pr-138g
59-Pr-138m5