

Program EVALPLOT
(Version 2018-1)

by

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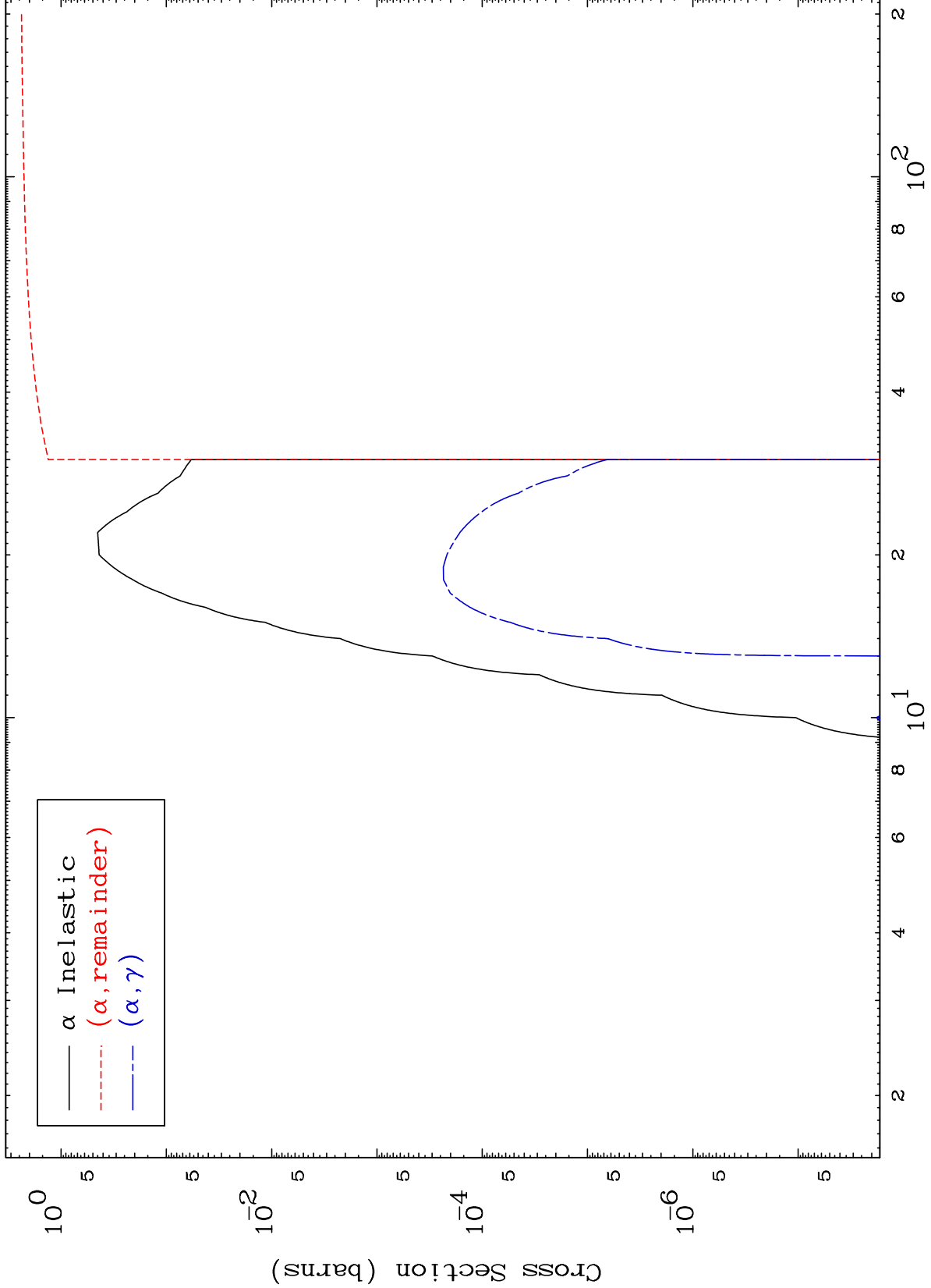
Press Mouse Button to Start

MAT 6134

α Major

61-Pm-142

0 Kelvin Cross Sections



1

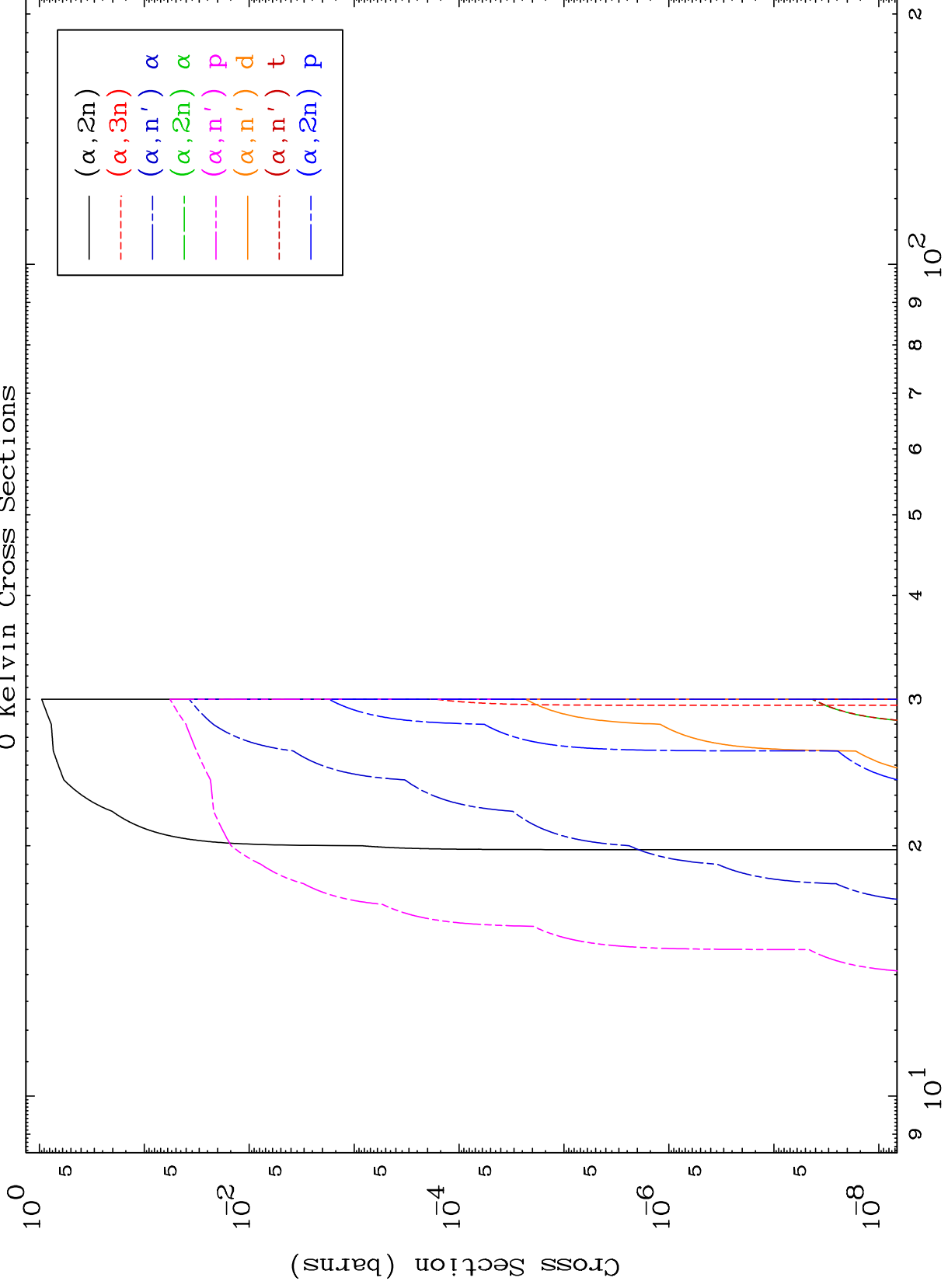
Incident Energy (MeV)

61-Pm-142

MAT 6134

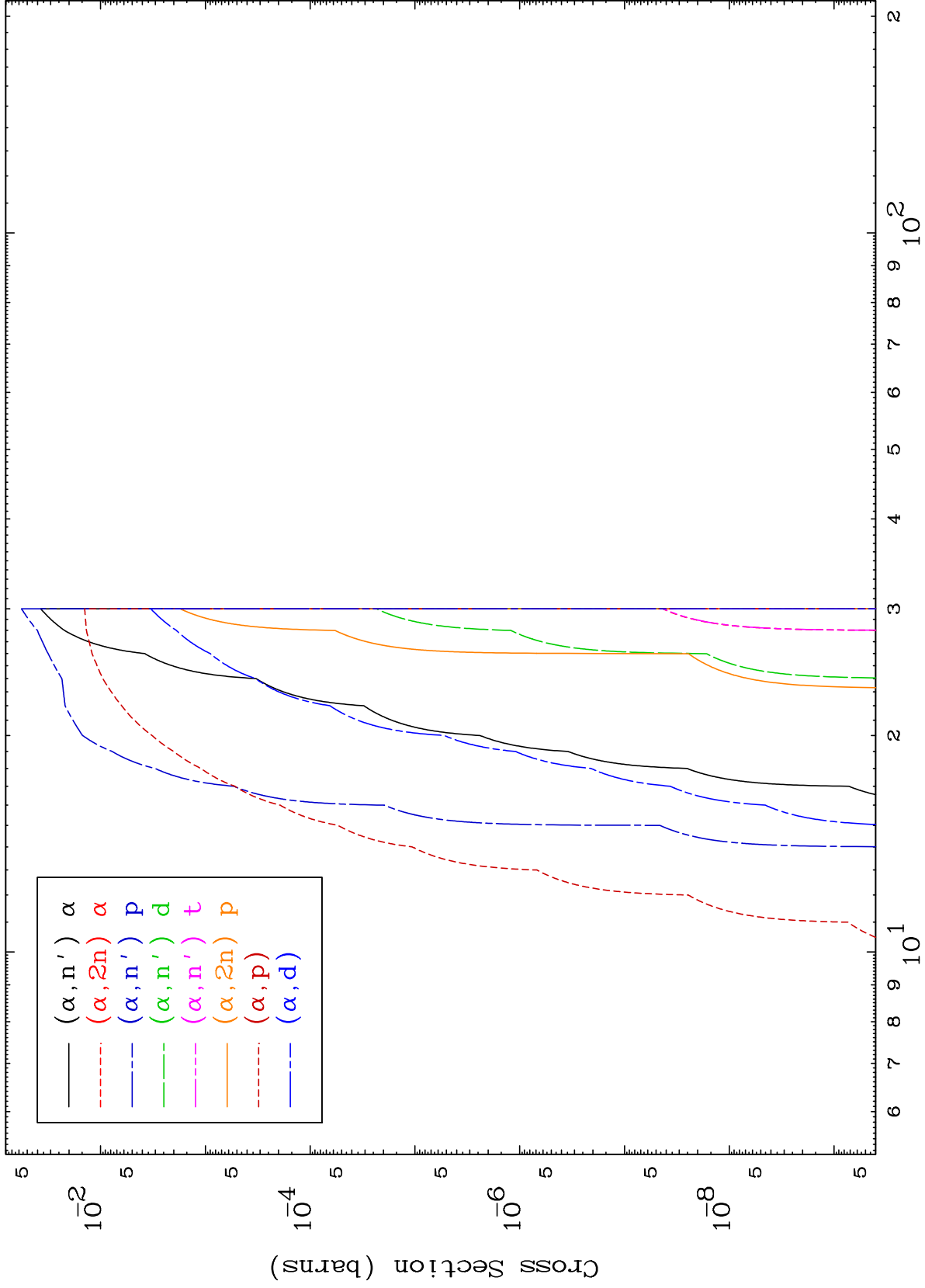
α Neutron Production
0 Kelvin Cross Sections

61-Pm-142



Incident Energy (MeV)

61-Pm-142

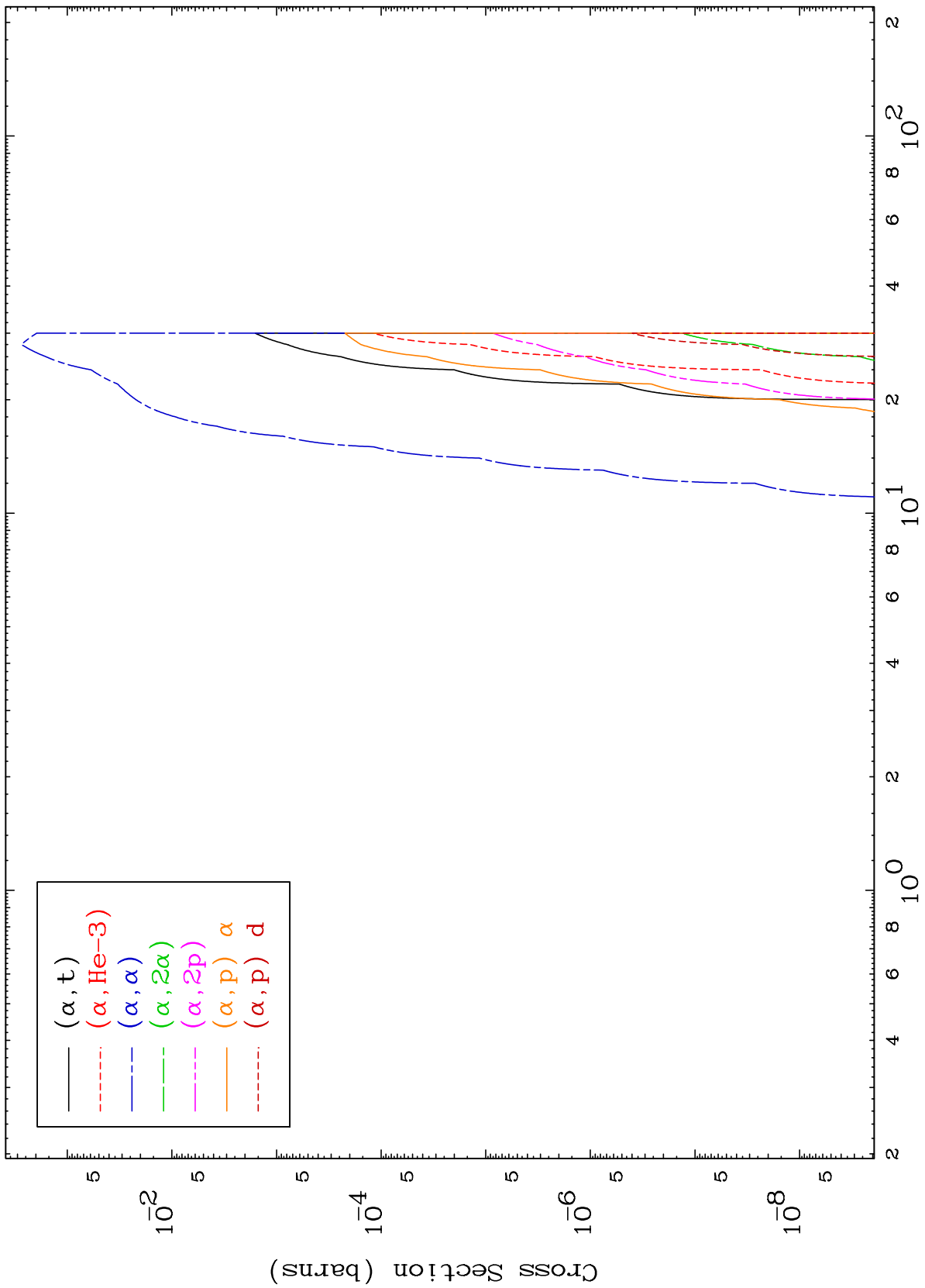


MAT 6134

α Charged Particle

61-Pm-142

0 Kelvin Cross Sections

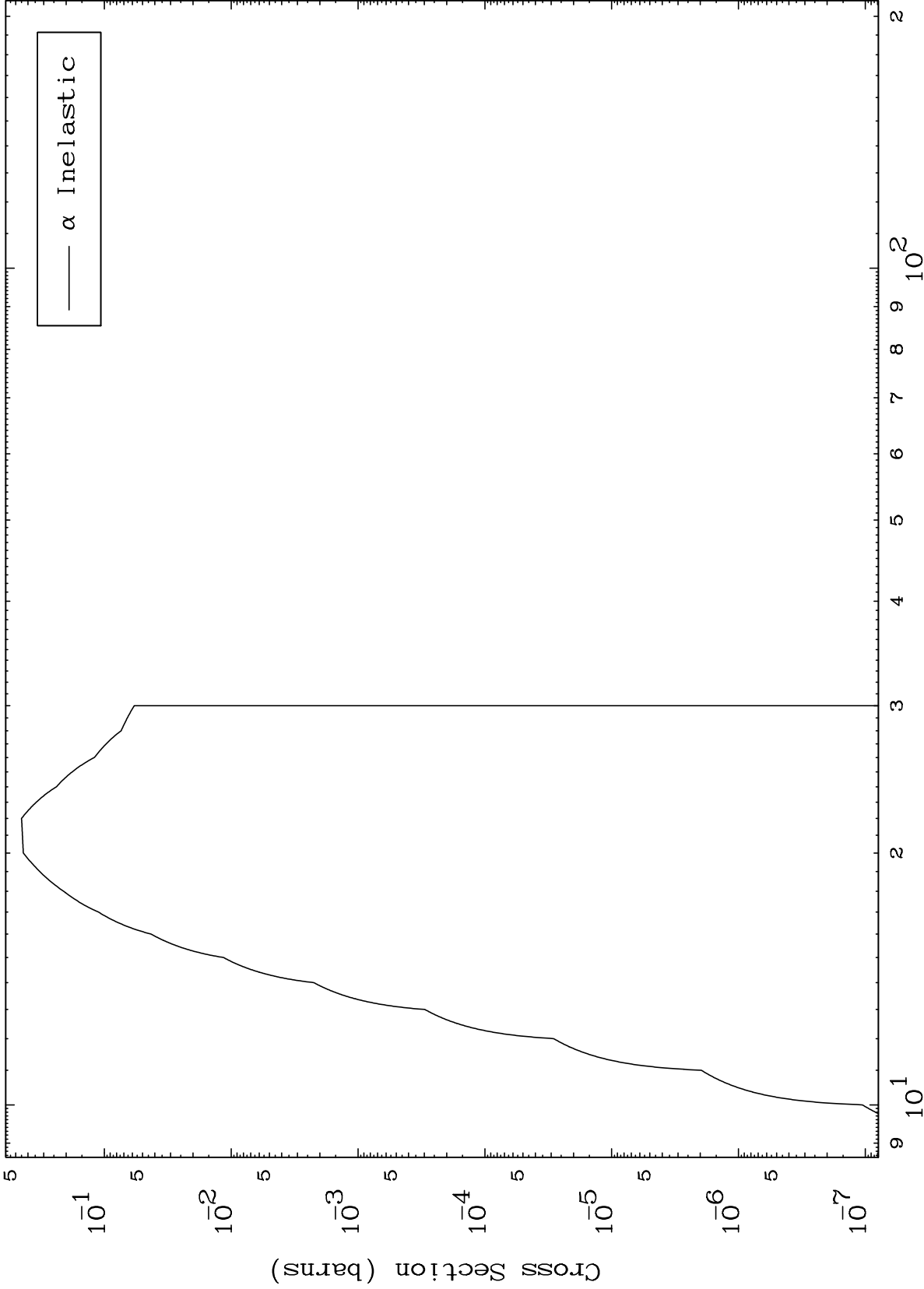


MAT 6134

(α, n') Level

61-Pm-142

0 Kelvin Cross Sections



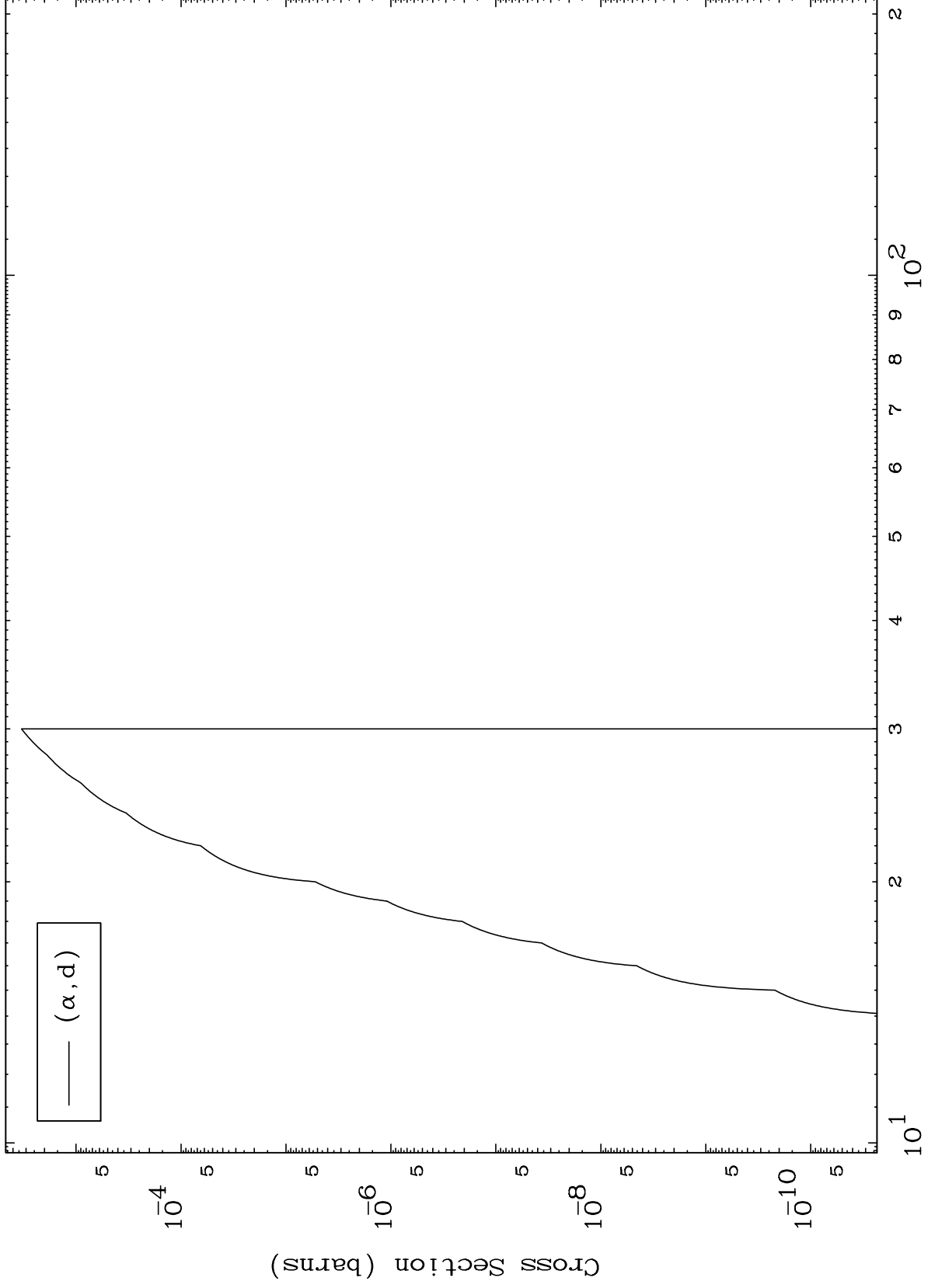
Incident Energy (MeV)

61-Pm-142

MAT 6134

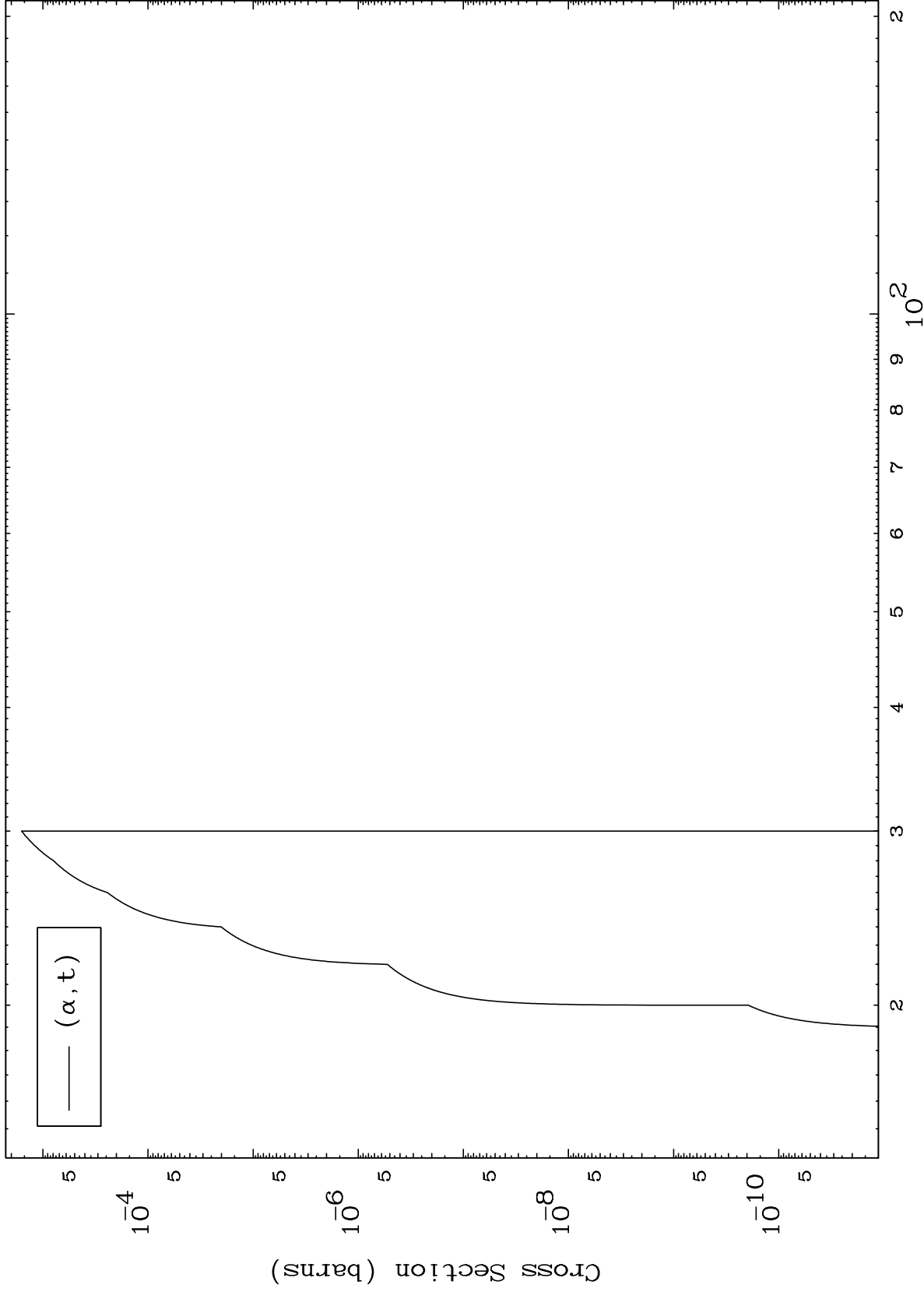
(α, d) Levels
0 Kelvin Cross Sections

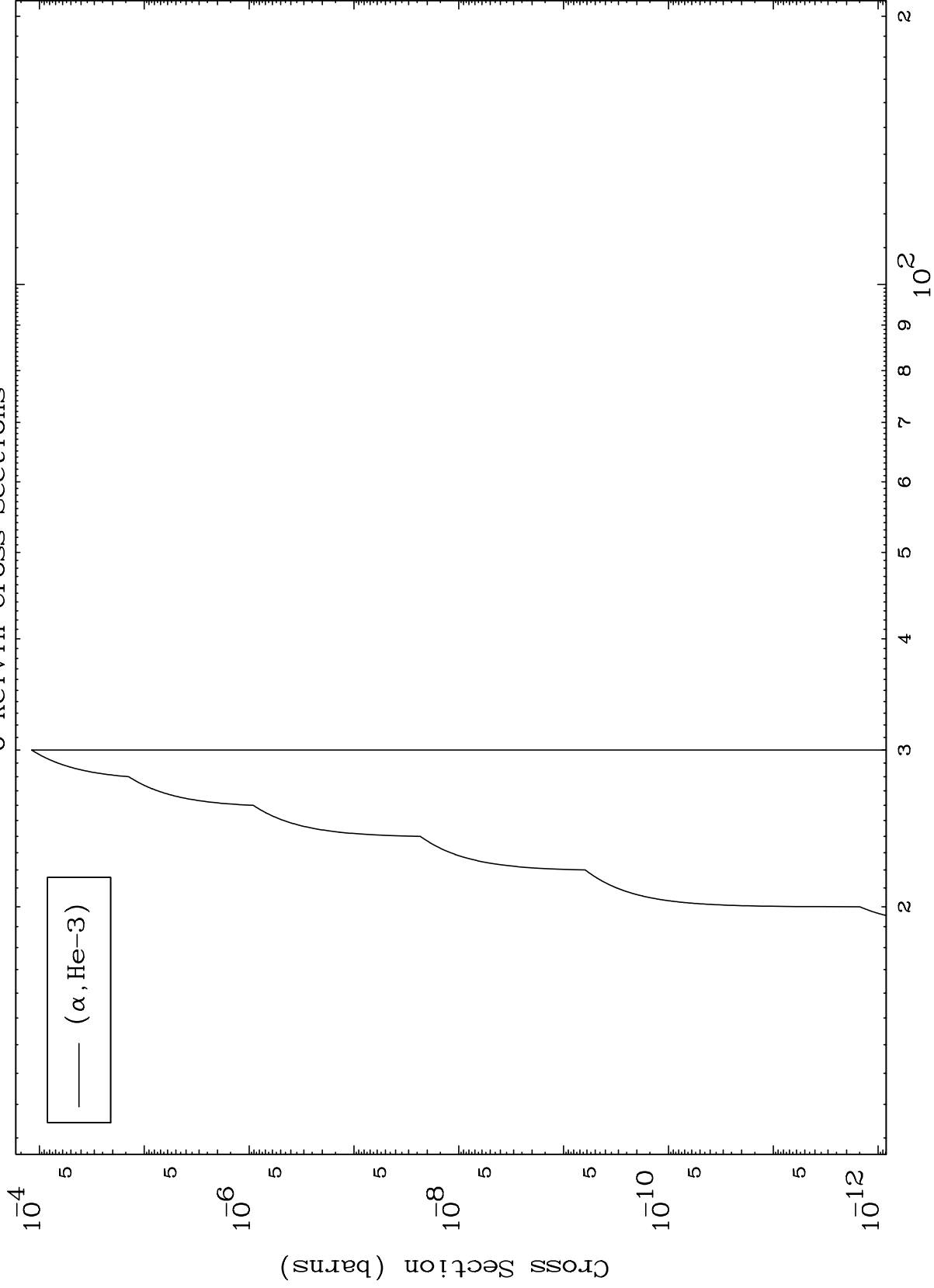
61-Pm-142



Incident Energy (MeV)

61-Pm-142



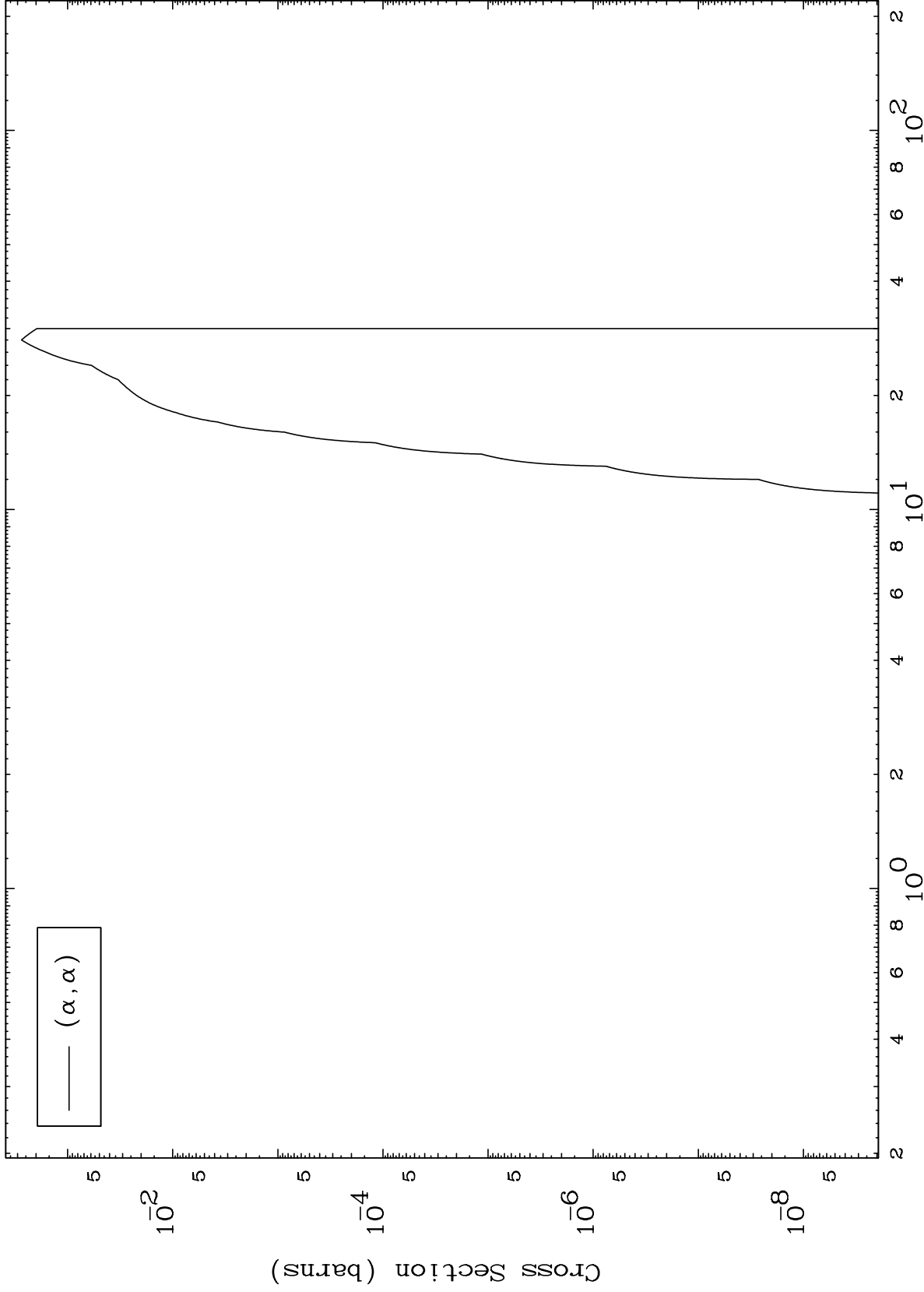


MAT 6134

(α, α) Levels

61-Pm-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

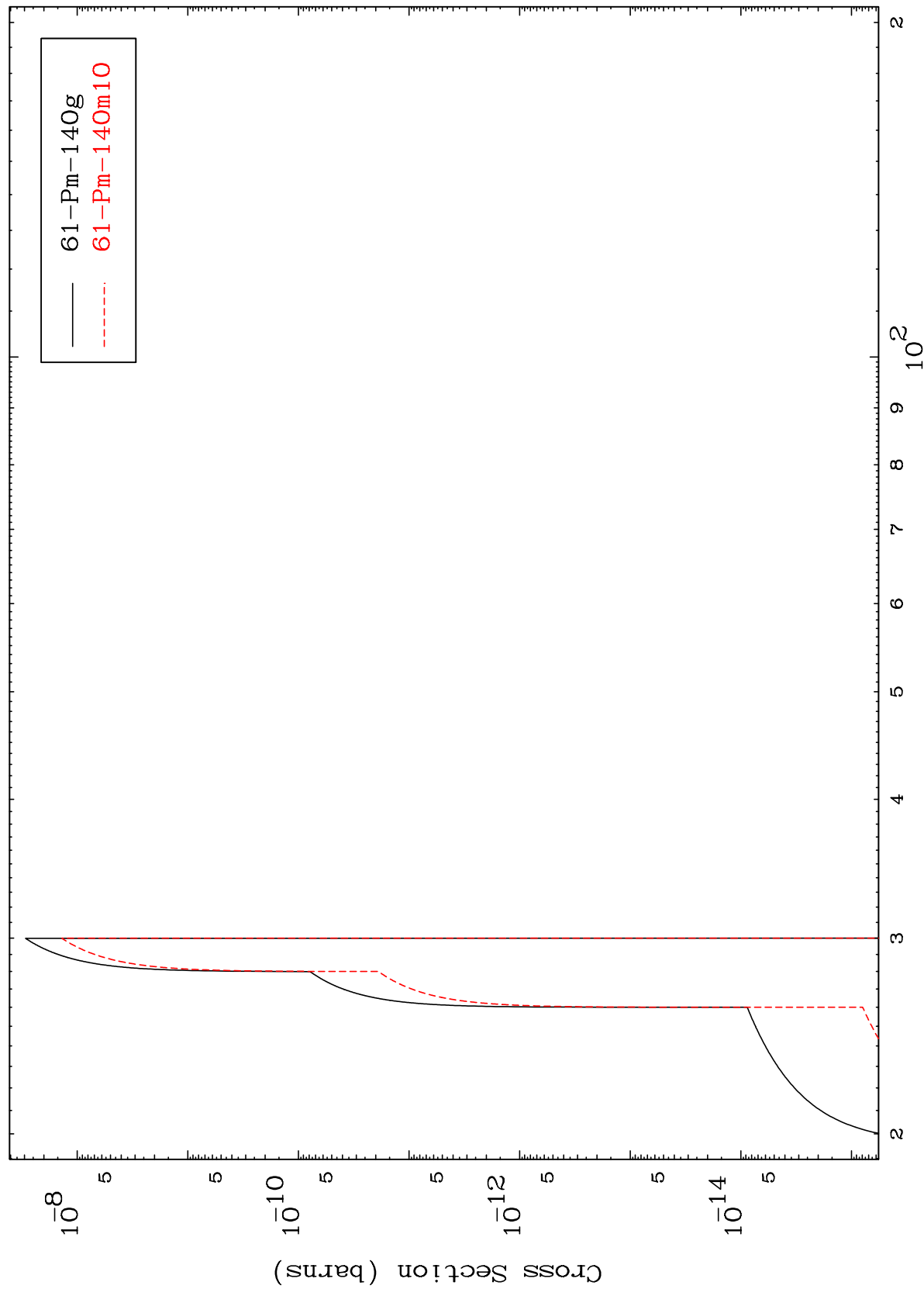
61-Pm-142

MAT 6134

$(\alpha, 2n)$ α

61-Pm-142

Radionuclide Production Cross Section



11

Incident Energy (MeV)

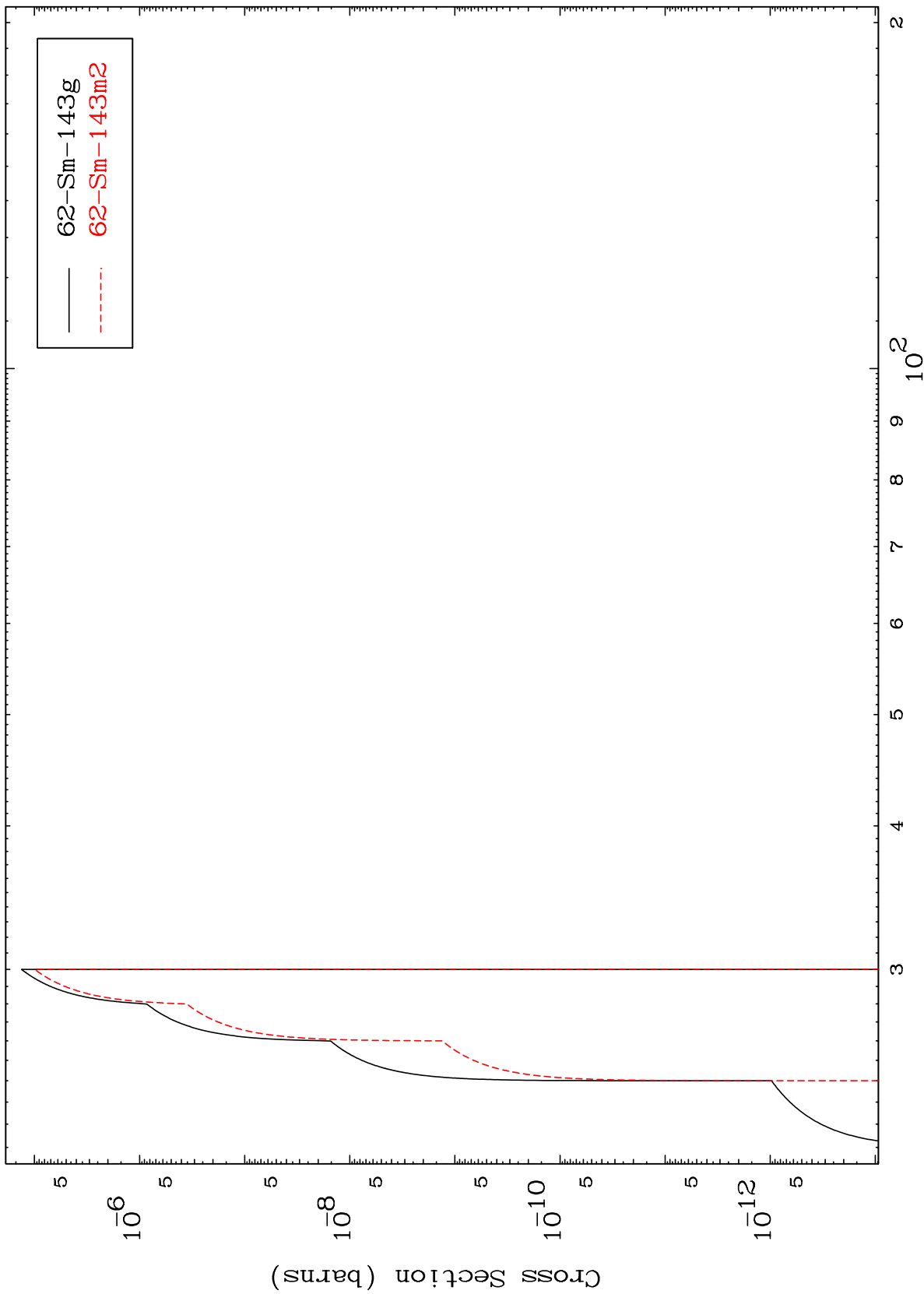
61-Pm-142

MAT 6134

(α, n') d

61-Pm-142

Radionuclide Production Cross Section

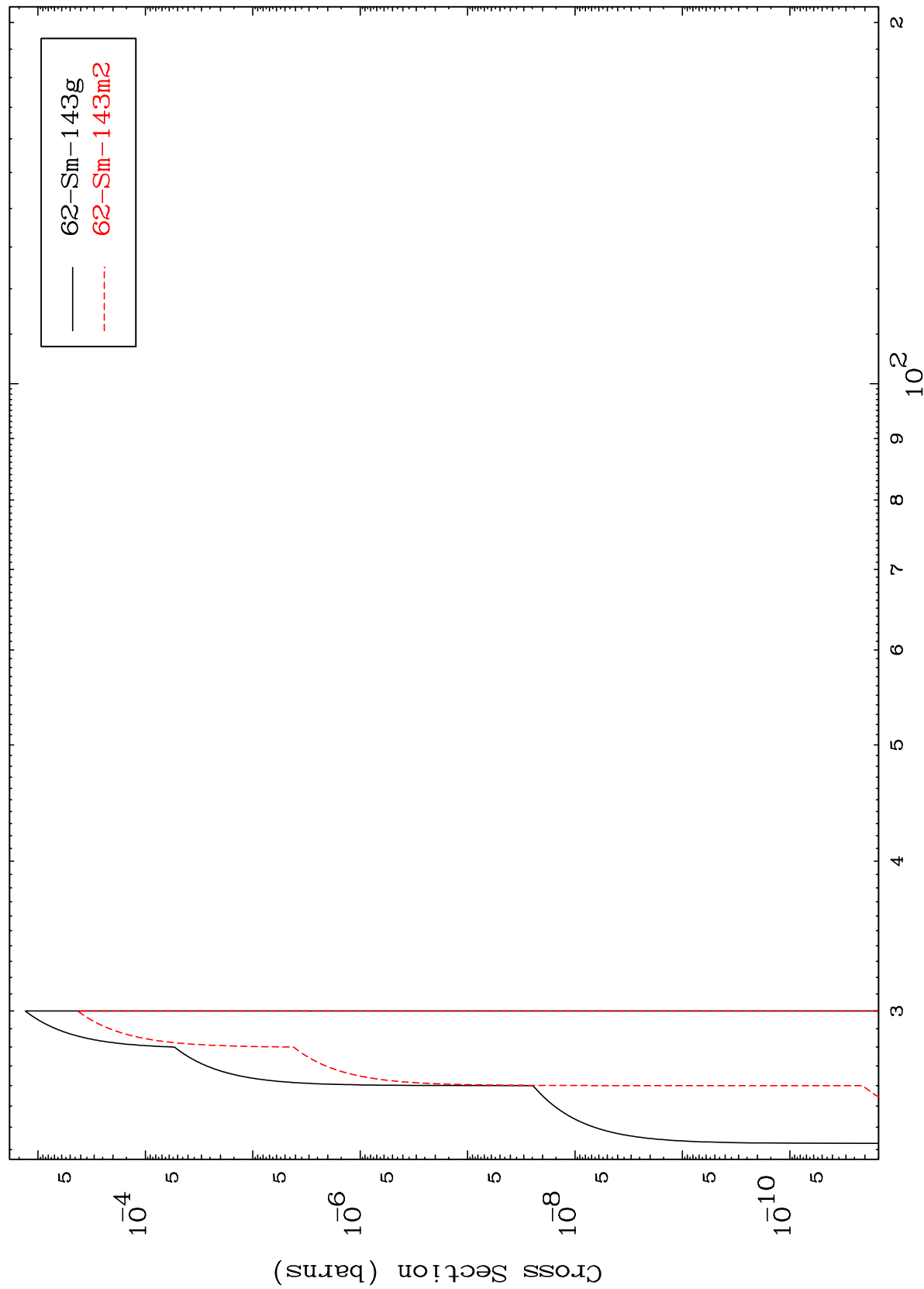


12

Incident Energy (MeV)

61-Pm-142

Radionuclide Production Cross Section

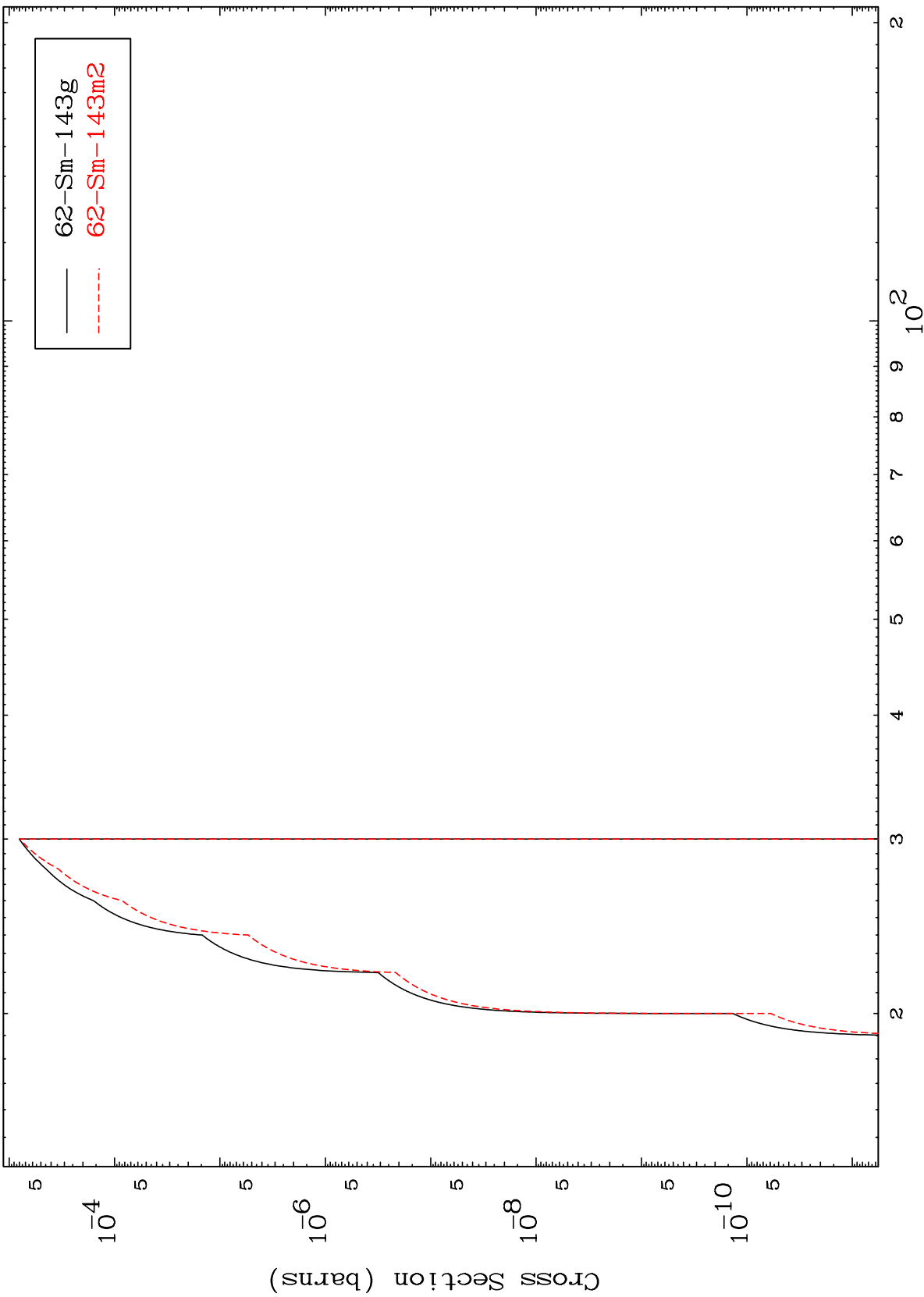


MAT 6134

(α, t)

61-Pm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

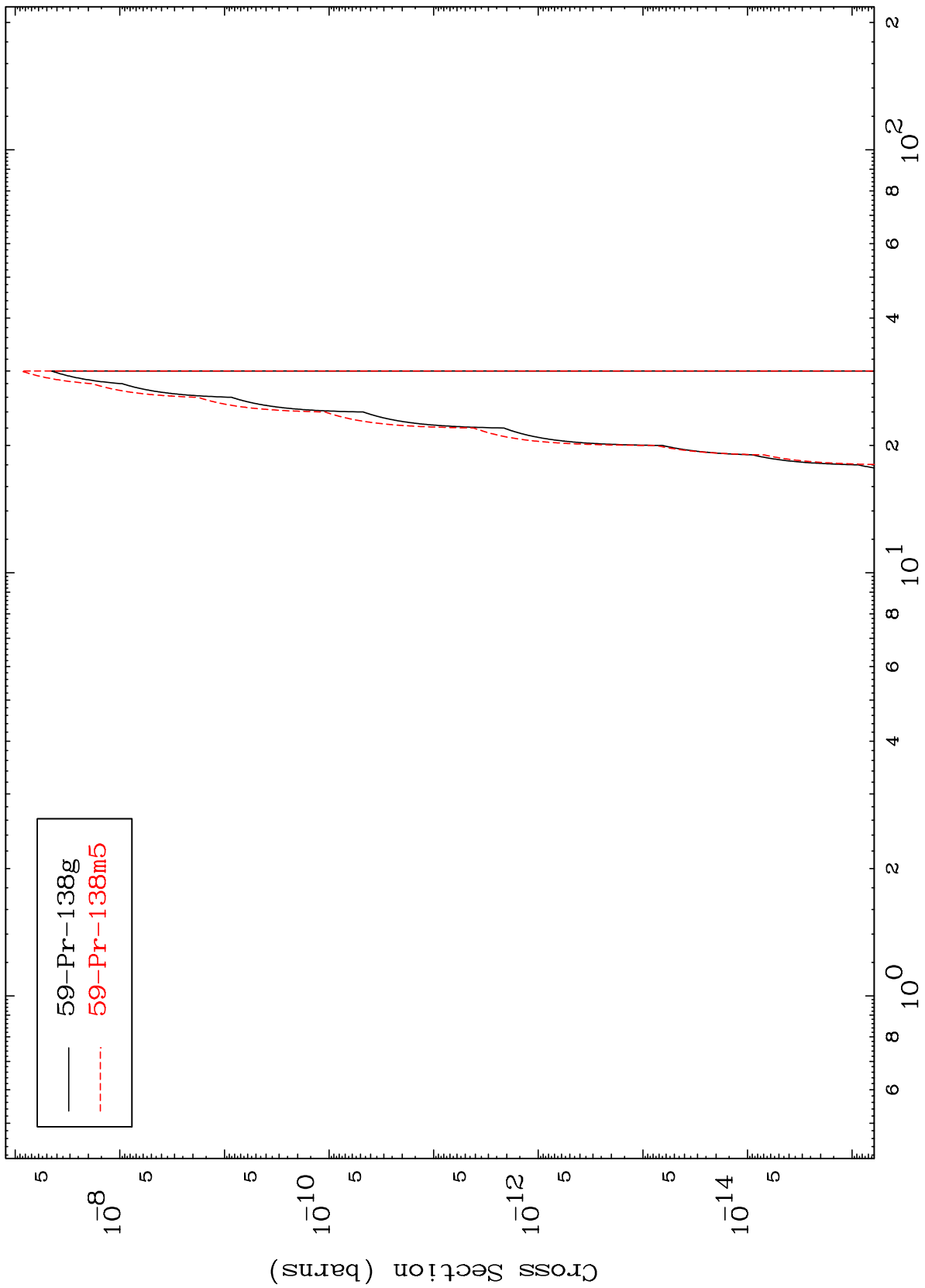
61-Pm-142

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($\alpha, 2\alpha$)

61-Pm-142

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

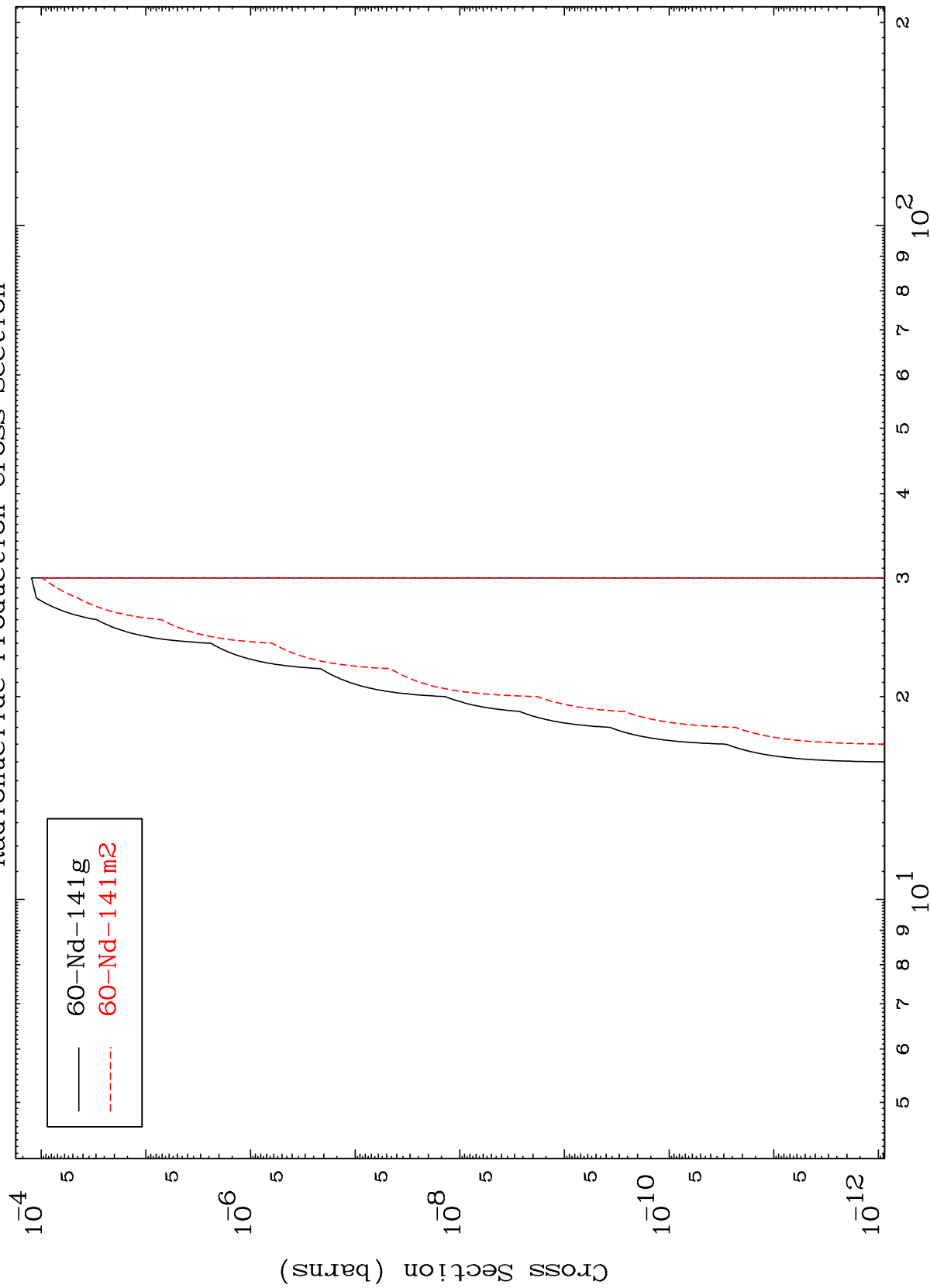
61-Pm-142

MAT 6134

(α, p) α

61-Pm-142

Radionuclide Production Cross Section



60-Nd-141g
60-Nd-141m2

16

Incident Energy (MeV)

61-Pm-142