

Program EVALPLOT
(Version 2018-1)

by

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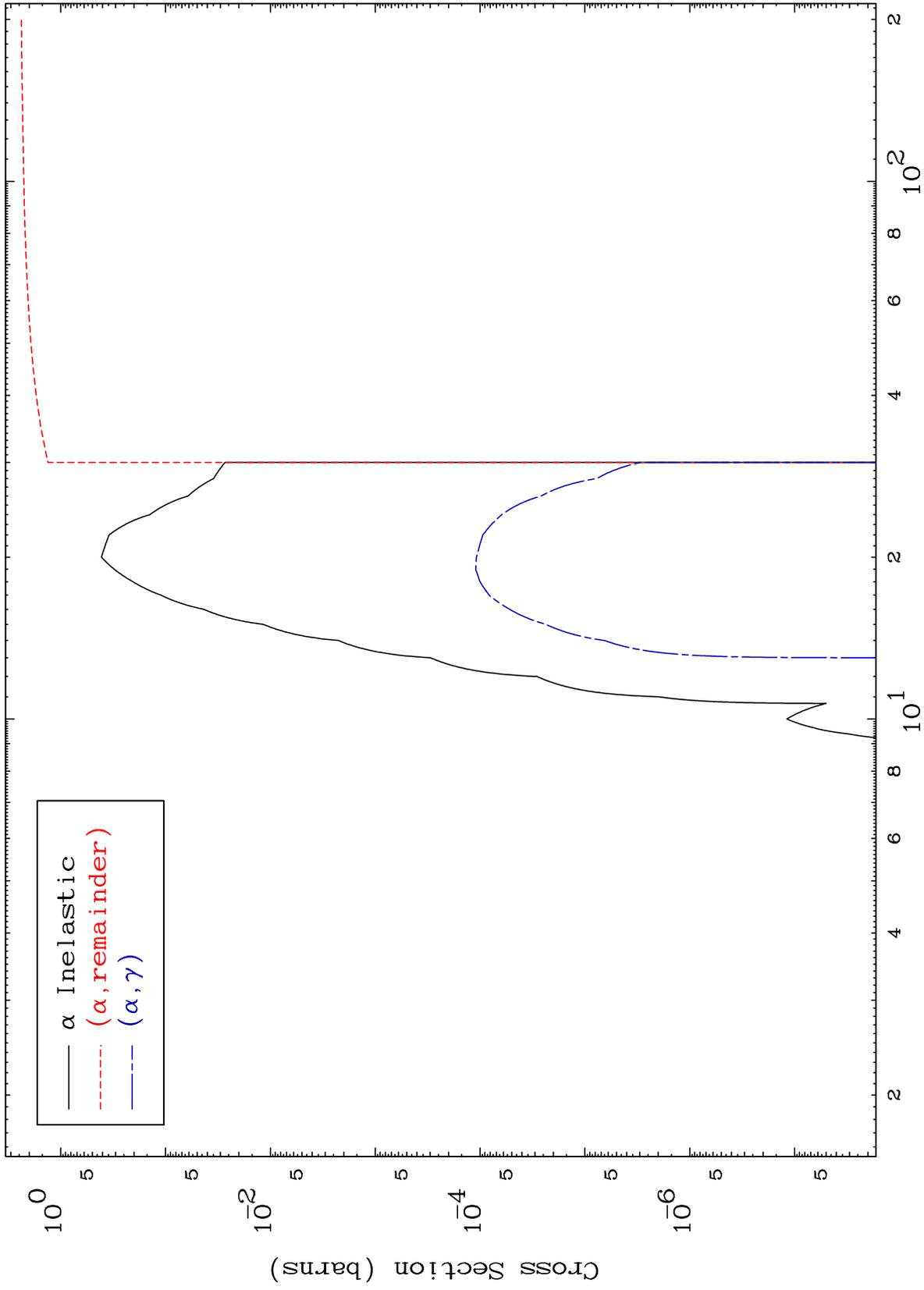
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6134

0 Kelvin α Major
Cross Sections

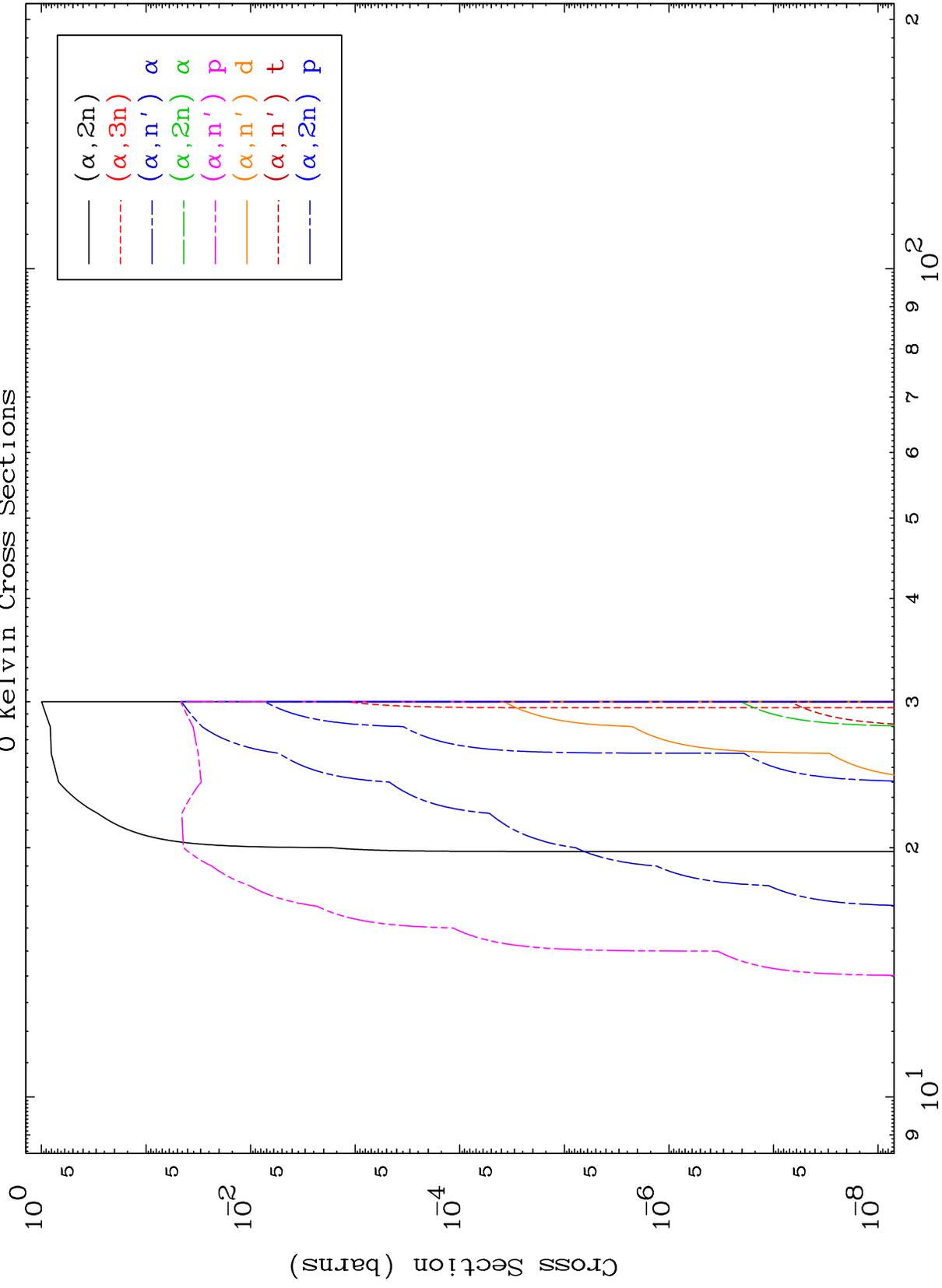
61-Pm-142



MAT 6134

α Neutron Production
0 Kelvin Cross Sections

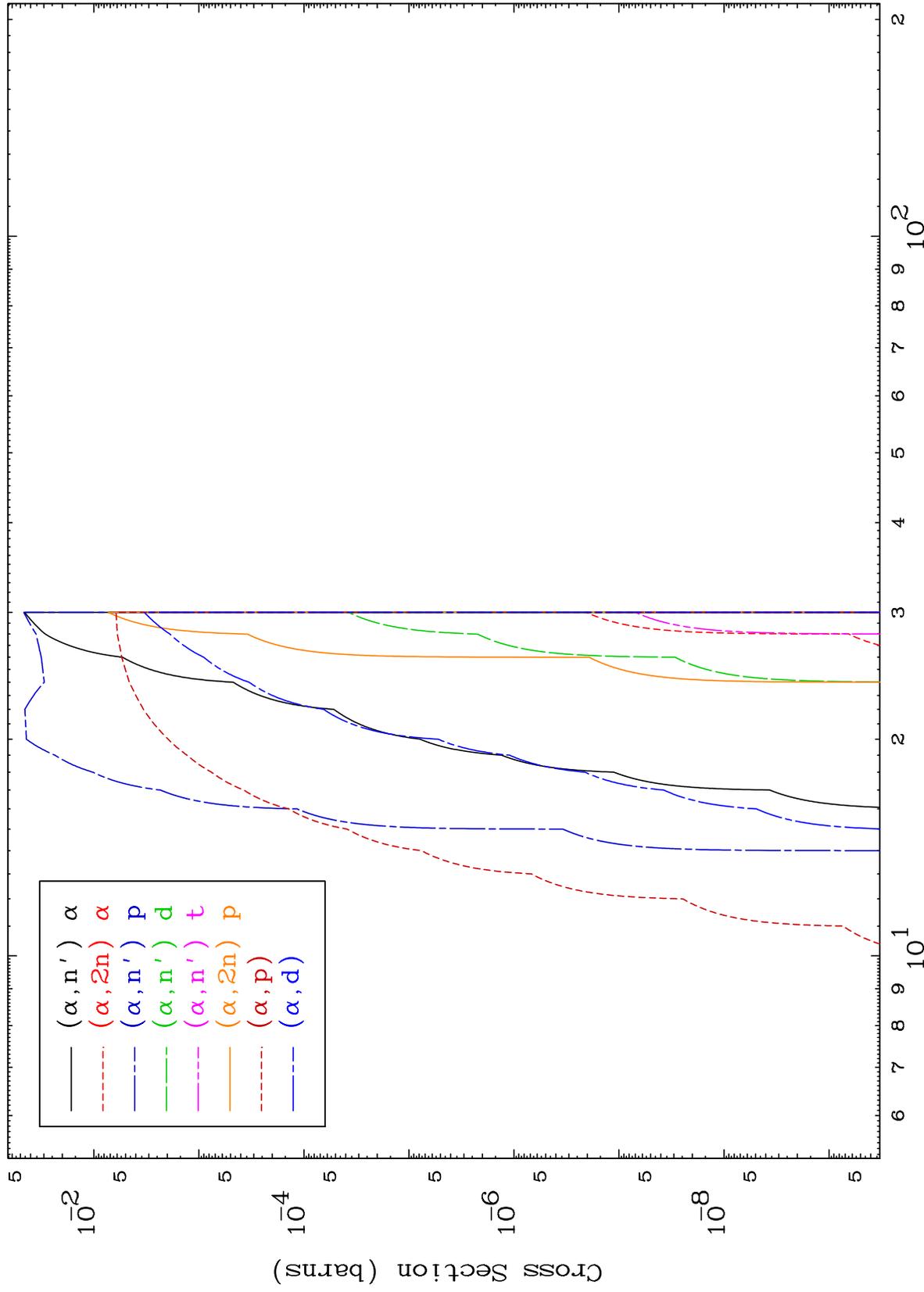
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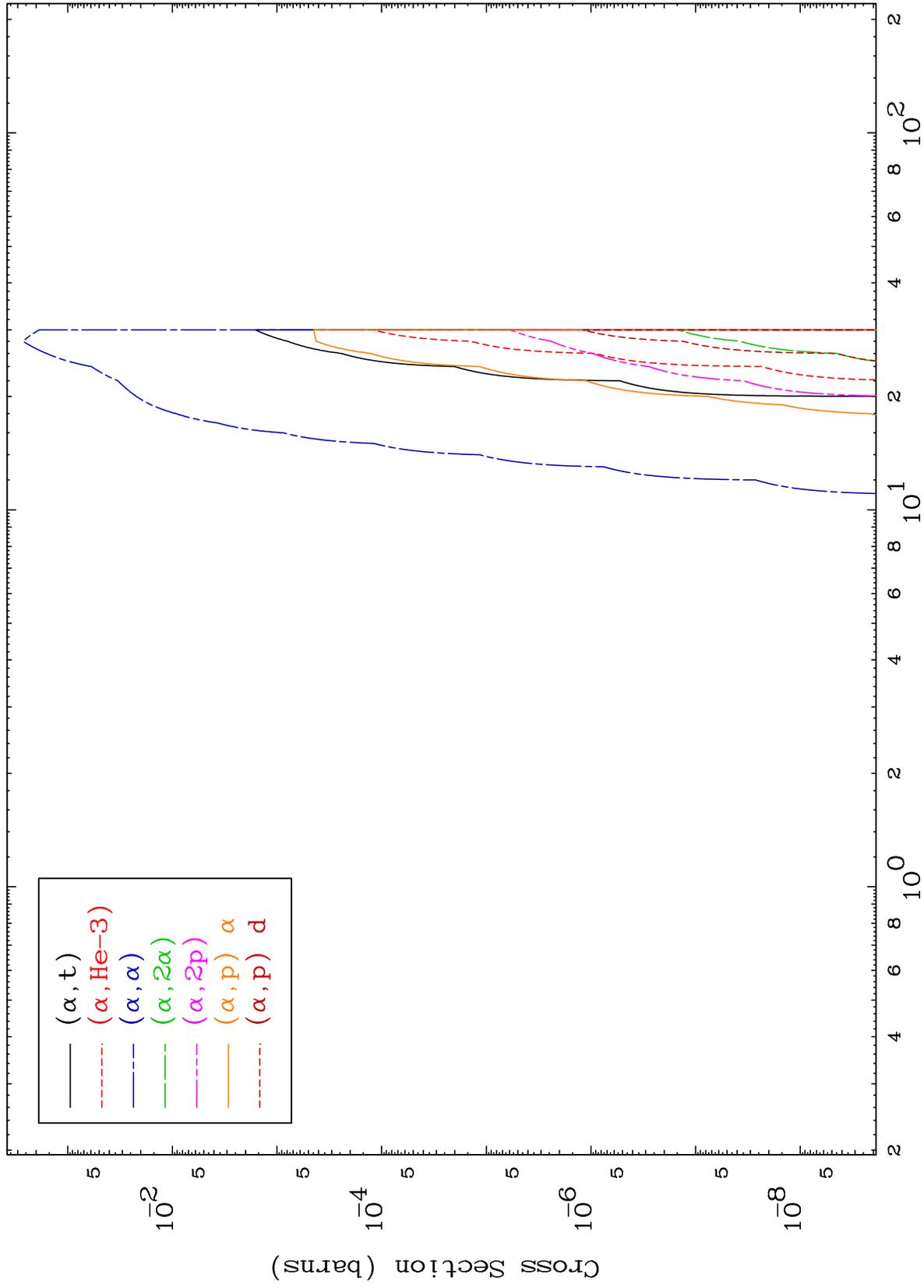


2

Incident Energy (MeV)

61-Pm-142

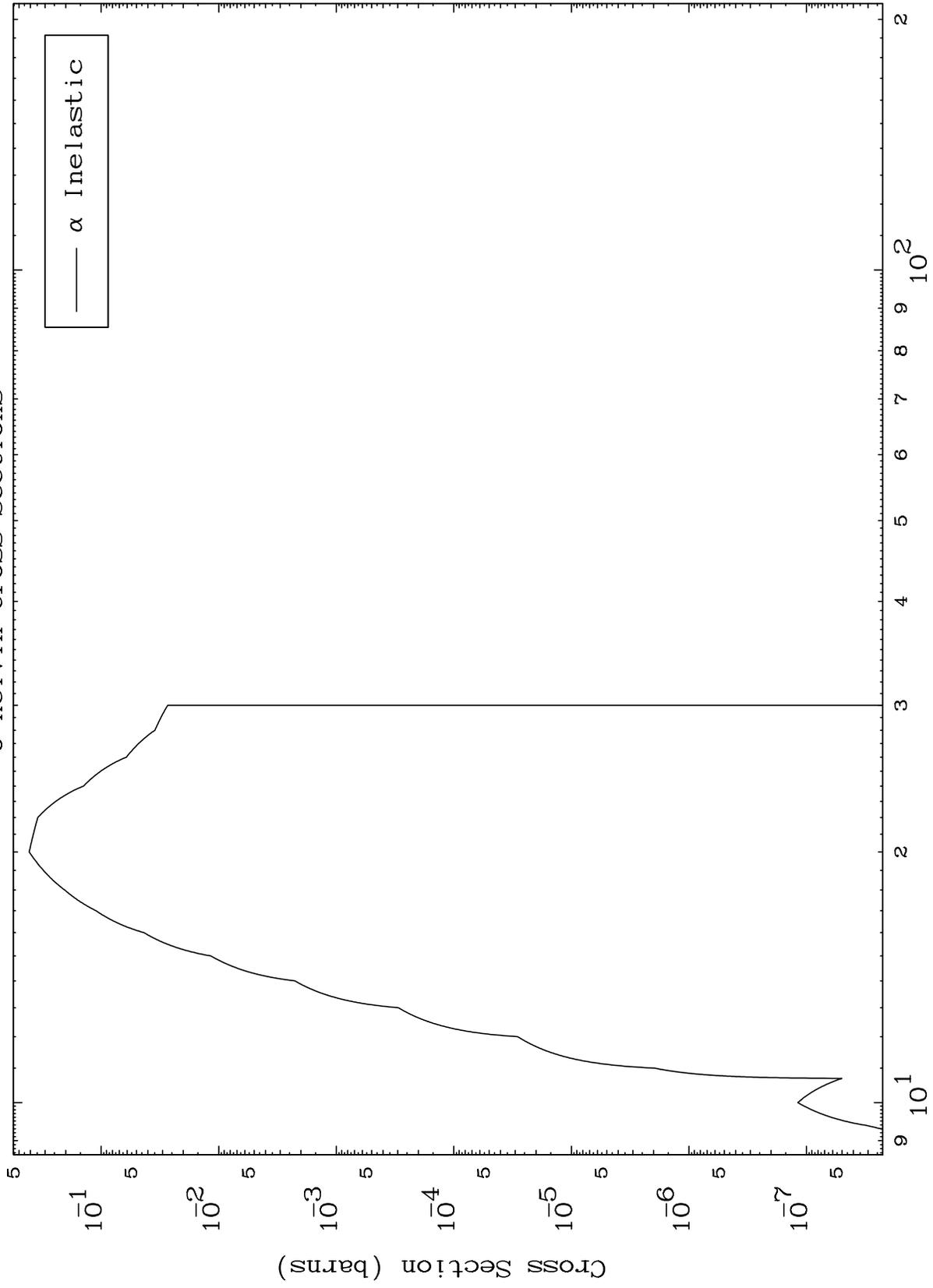




MAT 6134

(α, n') Level
0 Kelvin Cross Sections

61-Pm-142



61-Pm-142

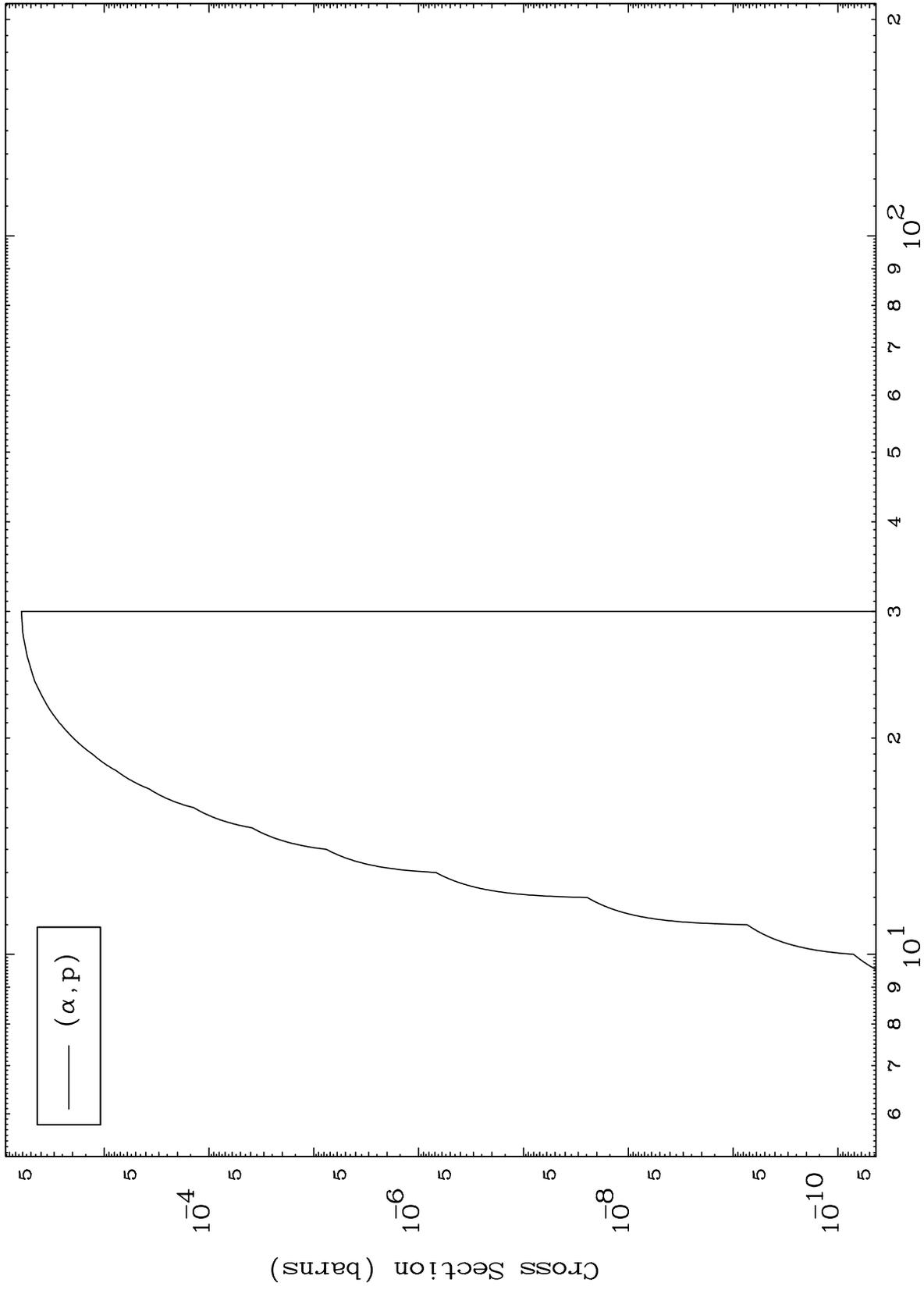
Incident Energy (MeV)

5

MAT 6134

(α, p) Levels
0 Kelvin Cross Sections

61-Pm-142



6

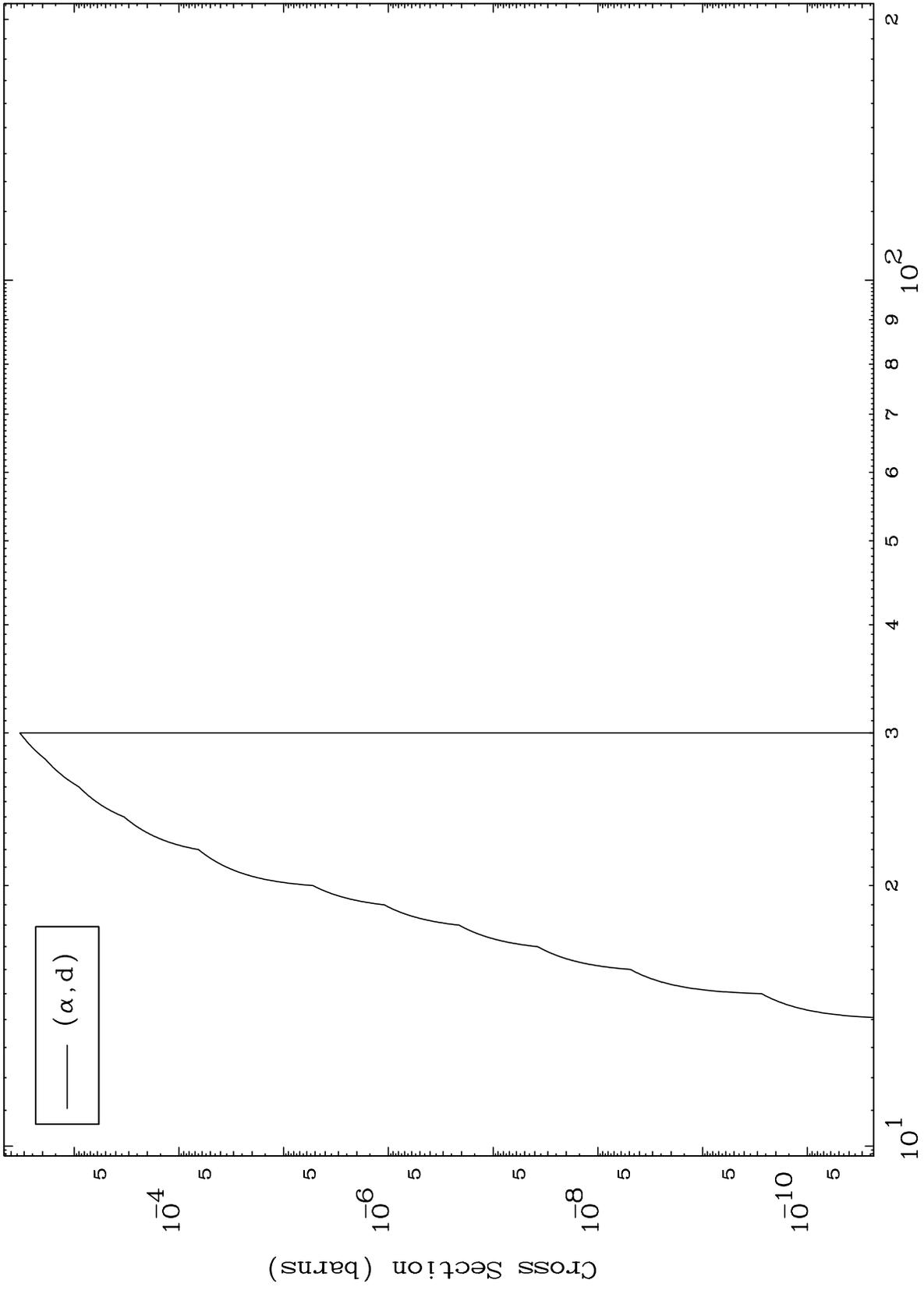
Incident Energy (MeV)

61-Pm-142

MAT 6134

(α, d) Levels
0 Kelvin Cross Sections

61-Pm-142



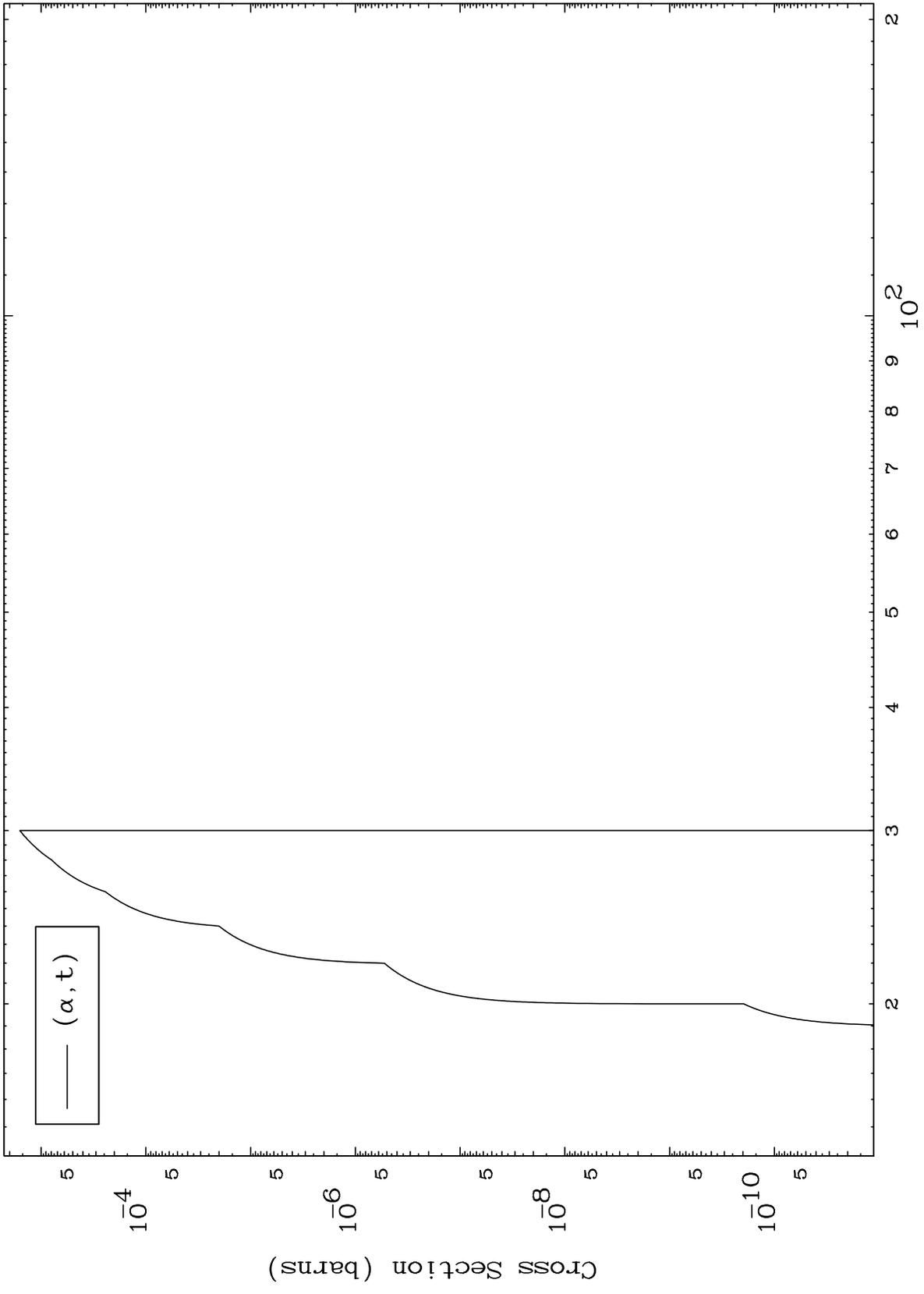
Incident Energy (MeV)

61-Pm-142

MAT 6134

(α, t) Levels
0 Kelvin Cross Sections

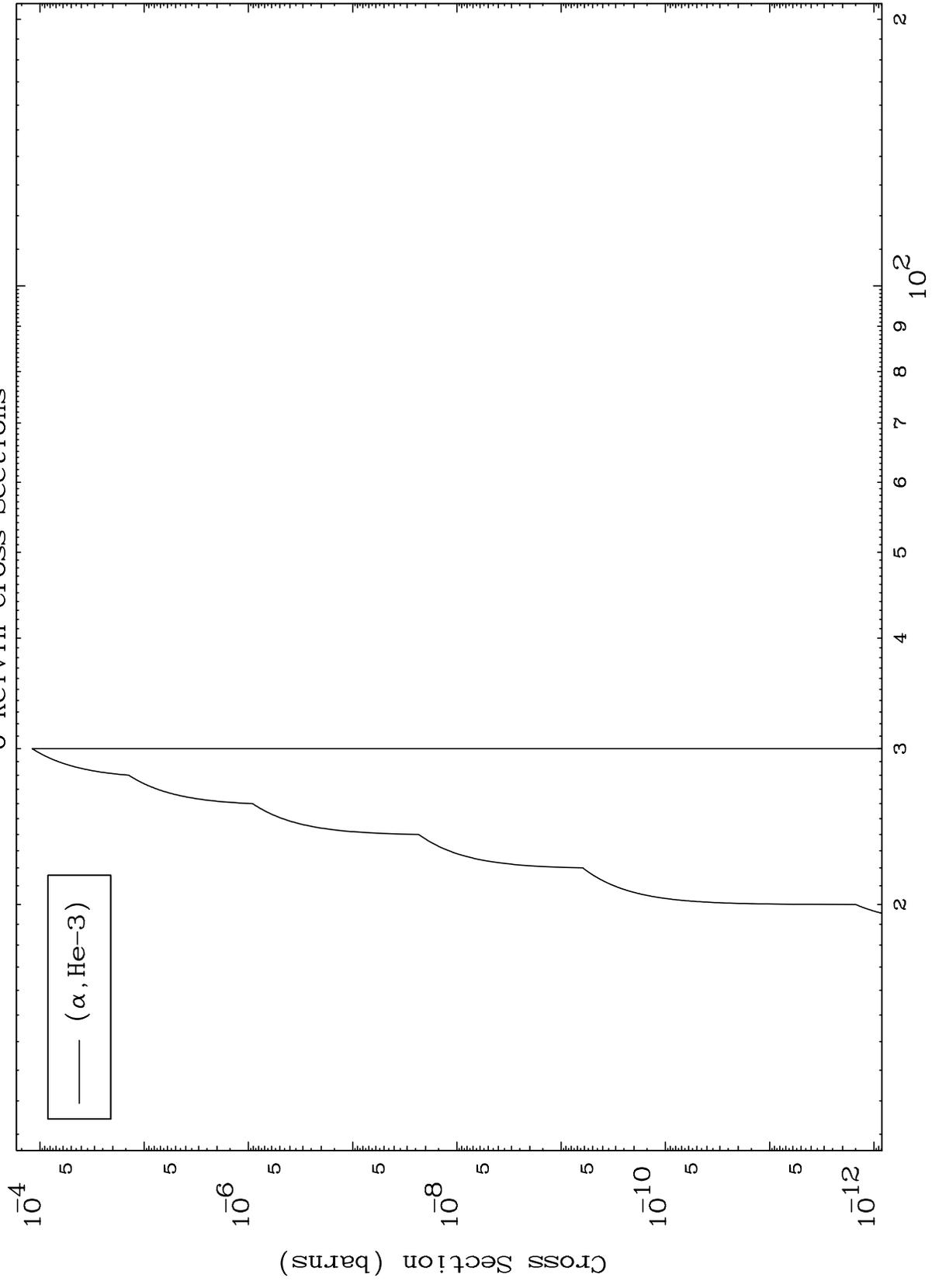
61-Pm-142



MAT 6134

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

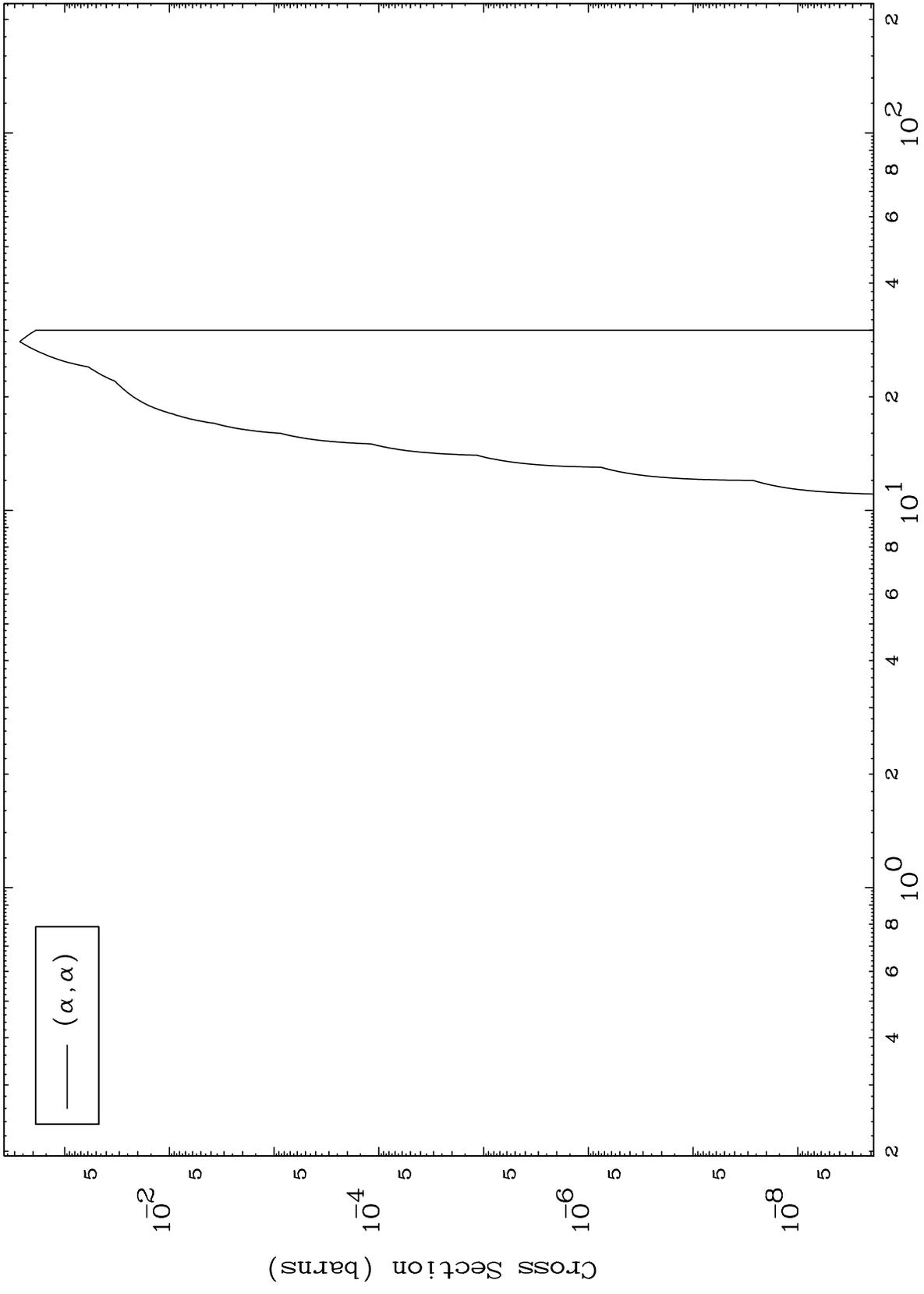
61-Pm-142



MAT 6134

(α, α) Levels
0 Kelvin Cross Sections

61-Pm-142



10

Incident Energy (MeV)

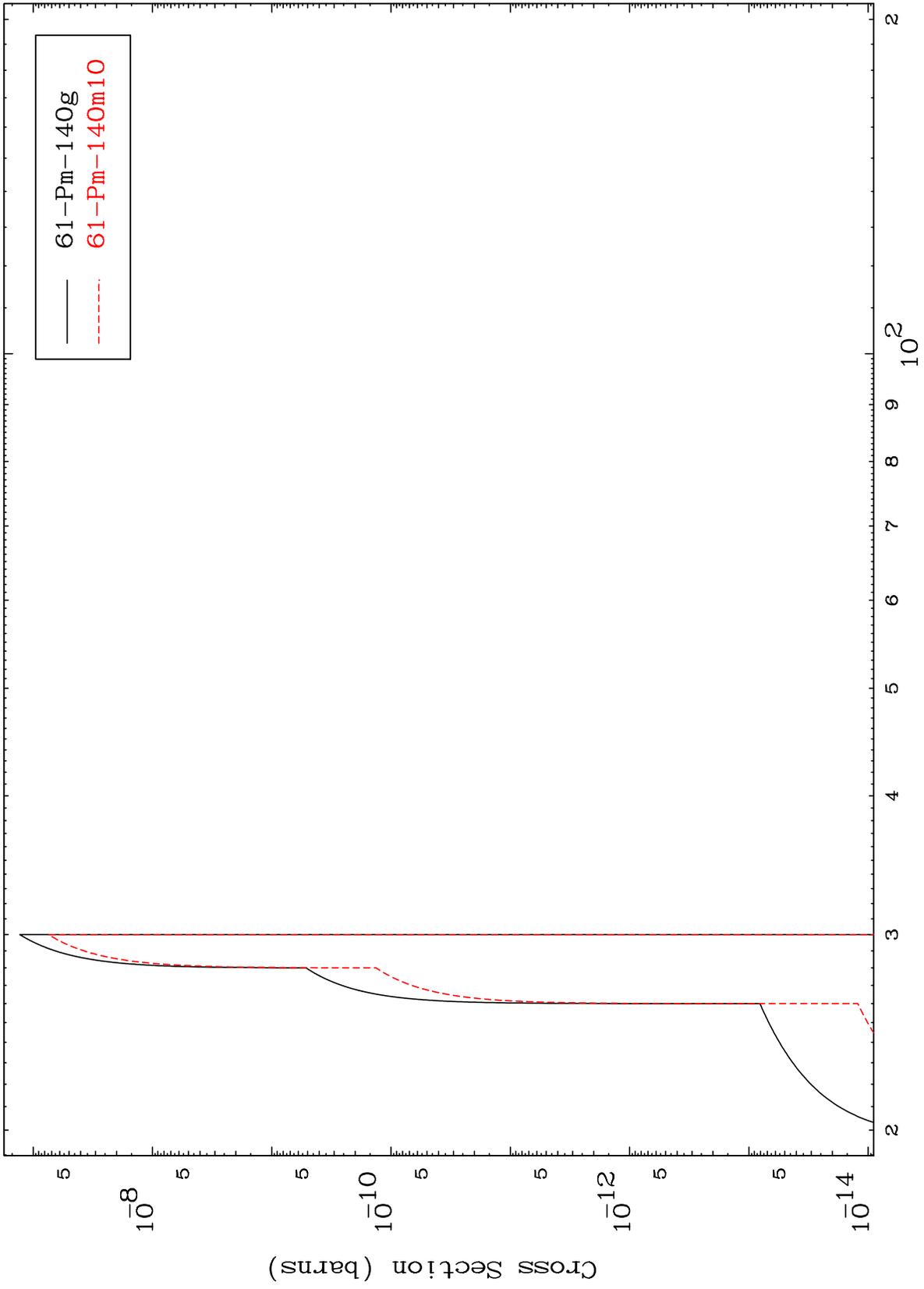
61-Pm-142

MAT 6134

($\alpha, 2n$) α

61-Pm-142

Radionuclide Production Cross Section



11

Incident Energy (MeV)

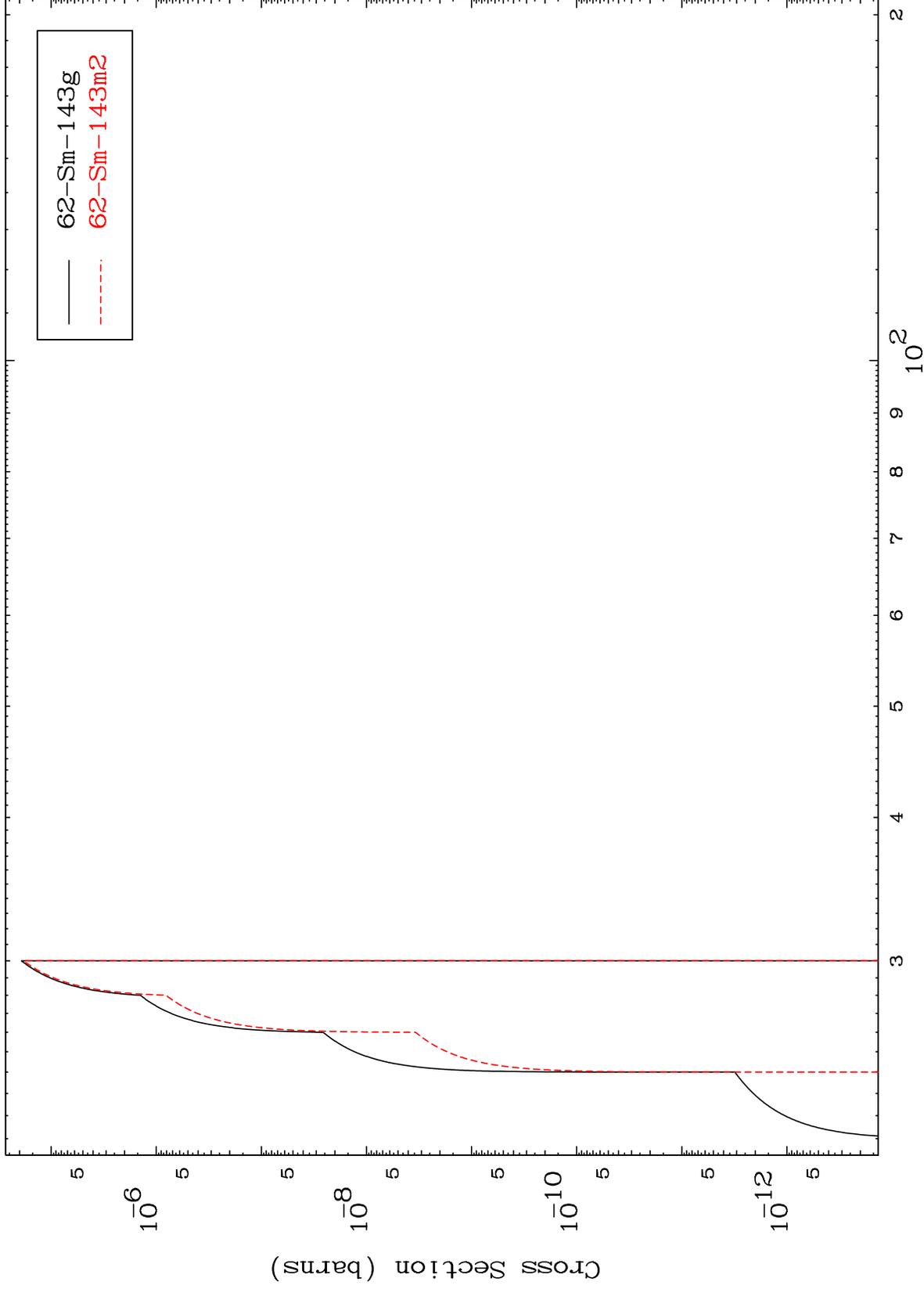
61-Pm-142

MAT 6134

(α, n') d

61-Pm-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

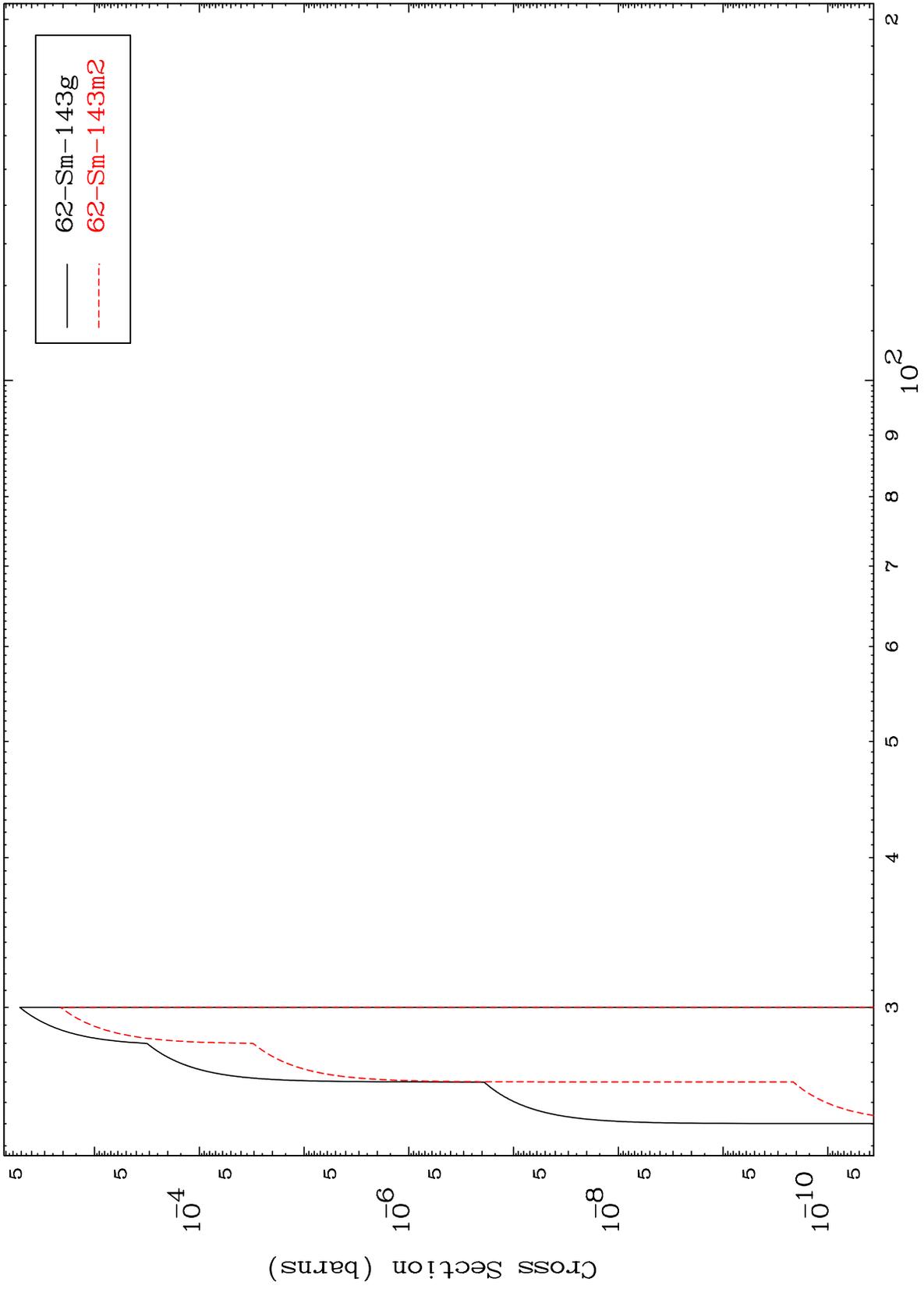
61-Pm-142

MAT 6134

($\alpha, 2n$) p

61-Pm-142

Radionuclide Production Cross Section



13

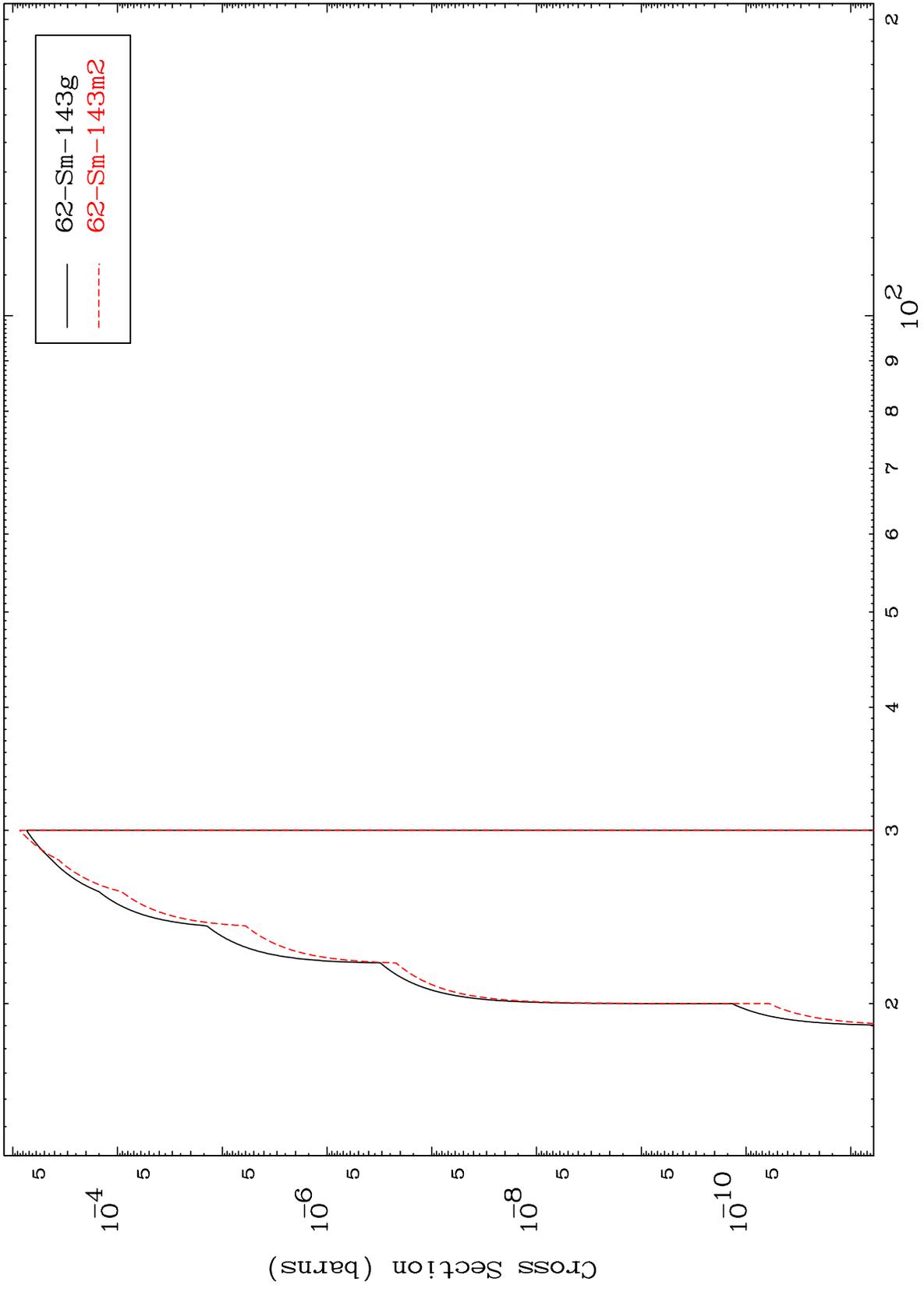
Incident Energy (MeV)

61-Pm-142

MAT 6134

61-Pm-142

(α, t)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

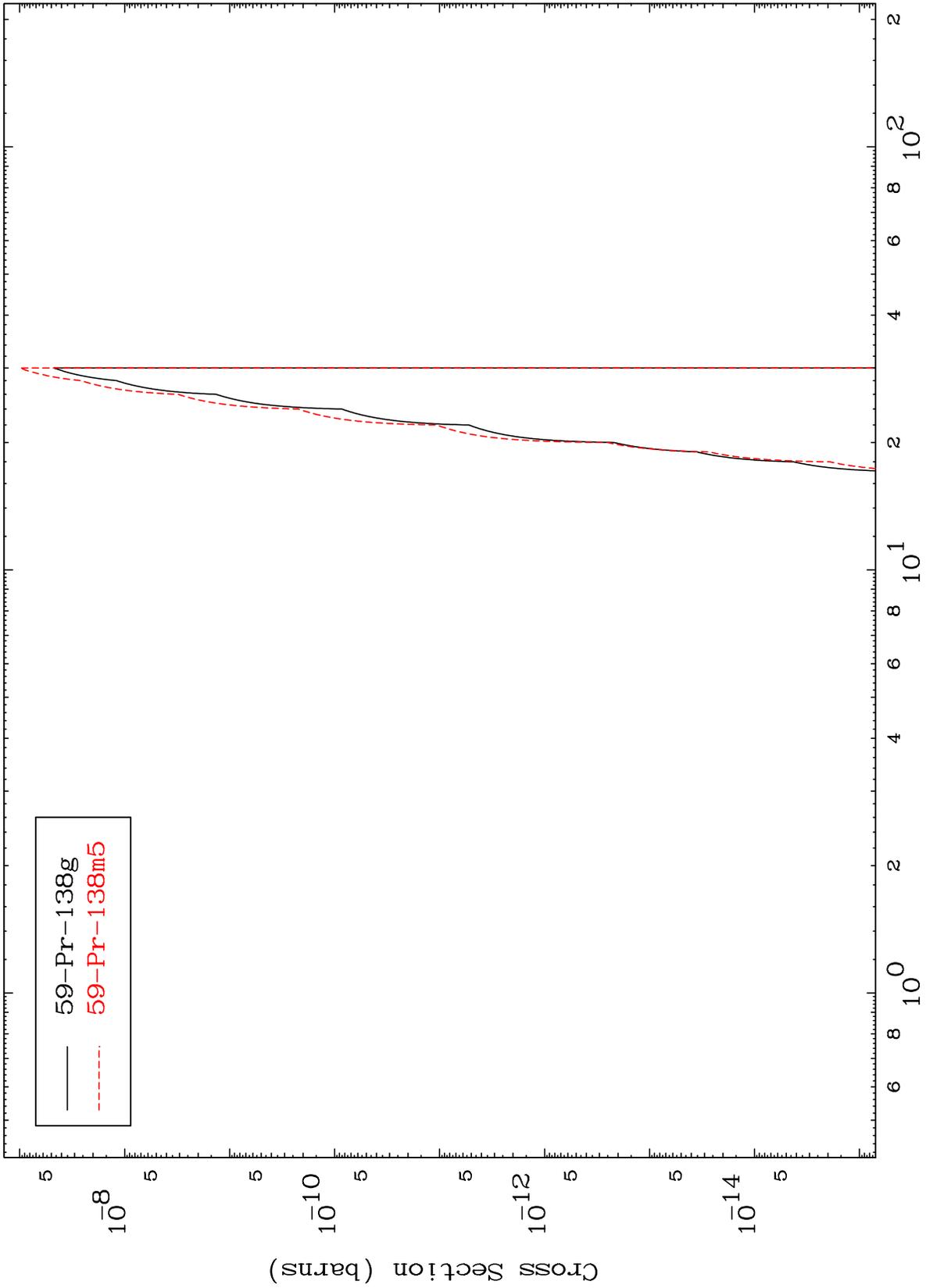
61-Pm-142

MAT 6134

($\alpha, 2\alpha$)

61-Pm-142

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

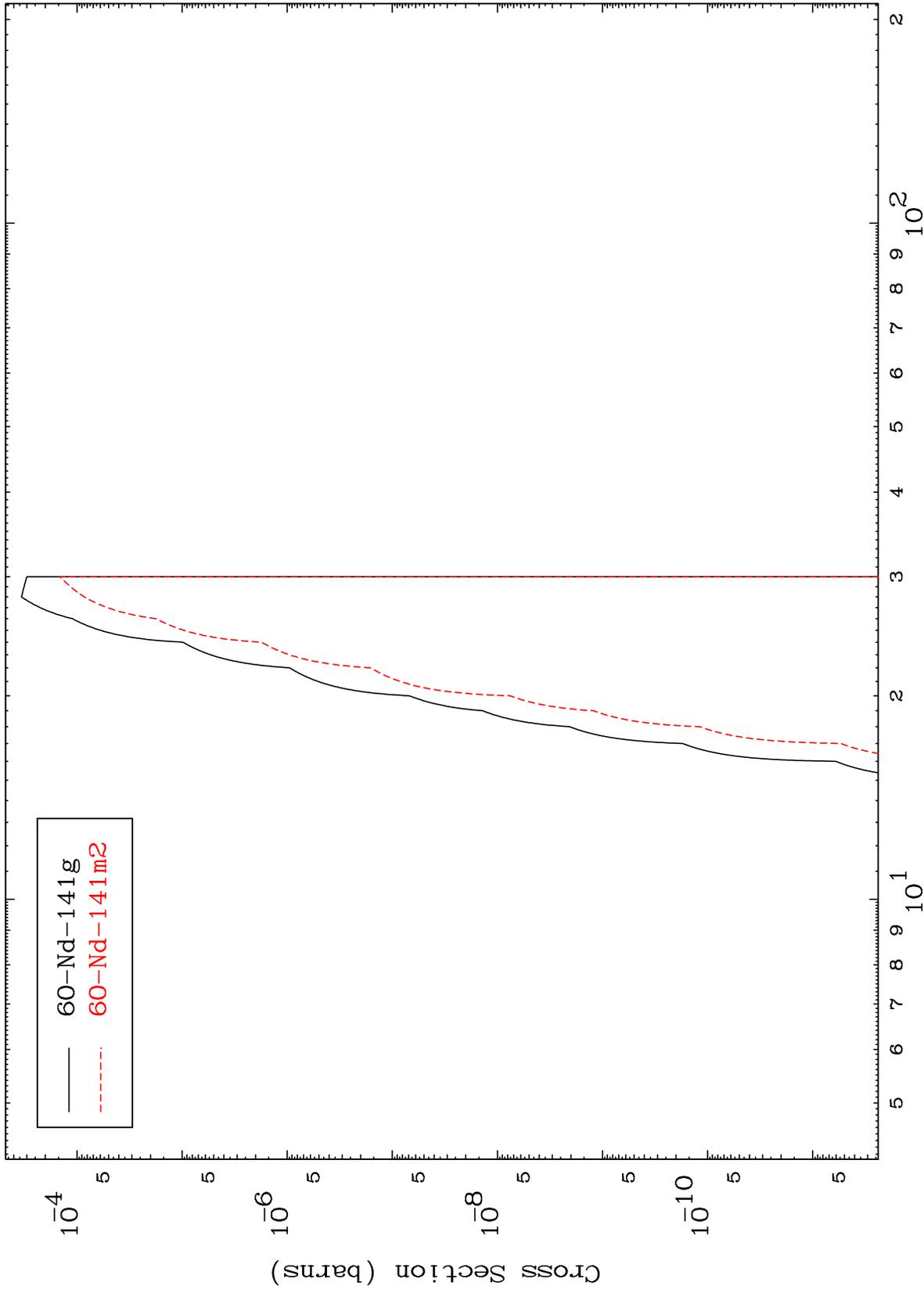
61-Pm-142

MAT 6134

(α, p) α

61-Pm-142

Radionuclide Production Cross Section



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

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