

Program EVALPLOT
(Version 2018-1)

by

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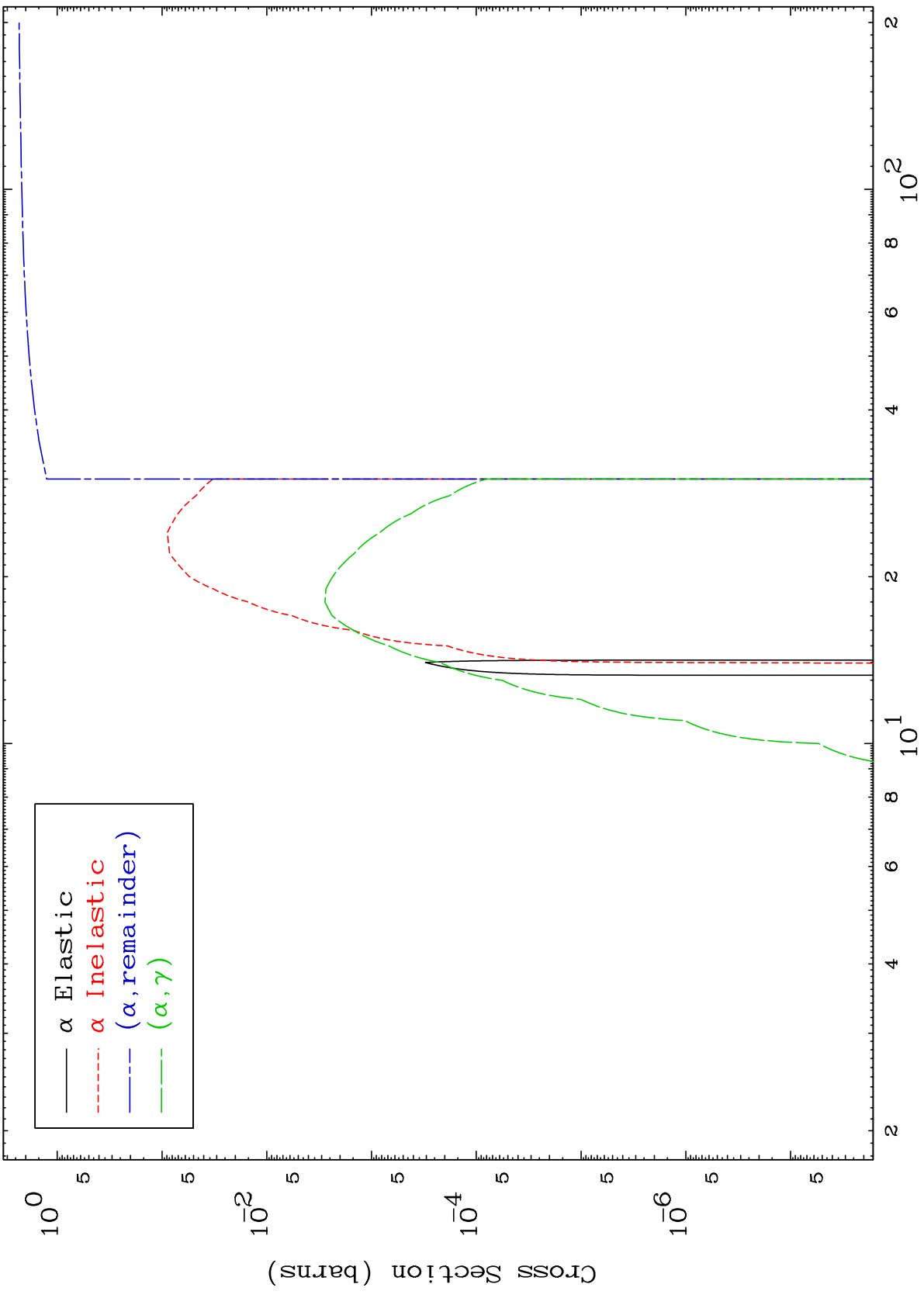
Press Mouse Button to Start

MAT 6114

α Major

61-Pm-135

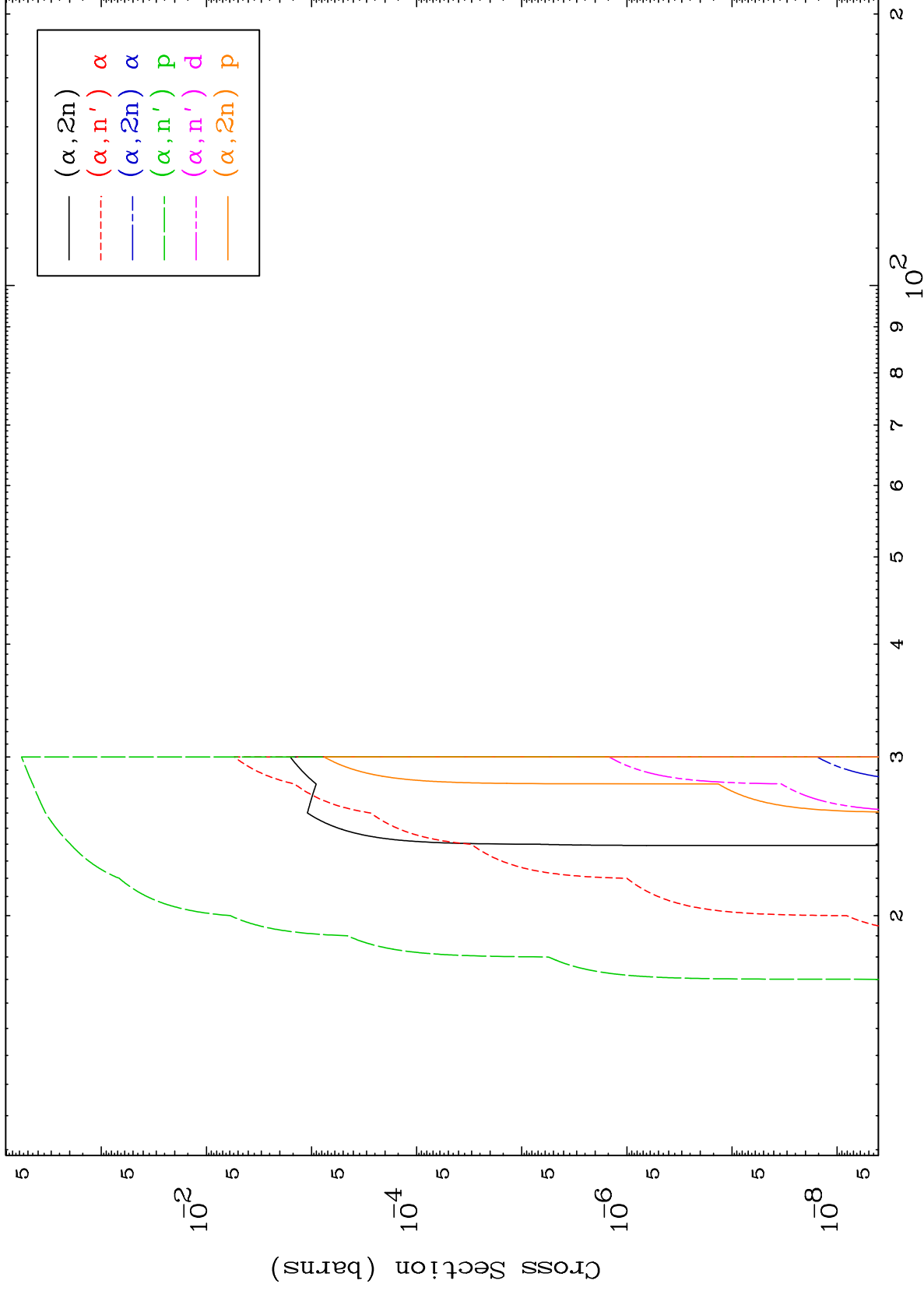
0 Kelvin Cross Sections

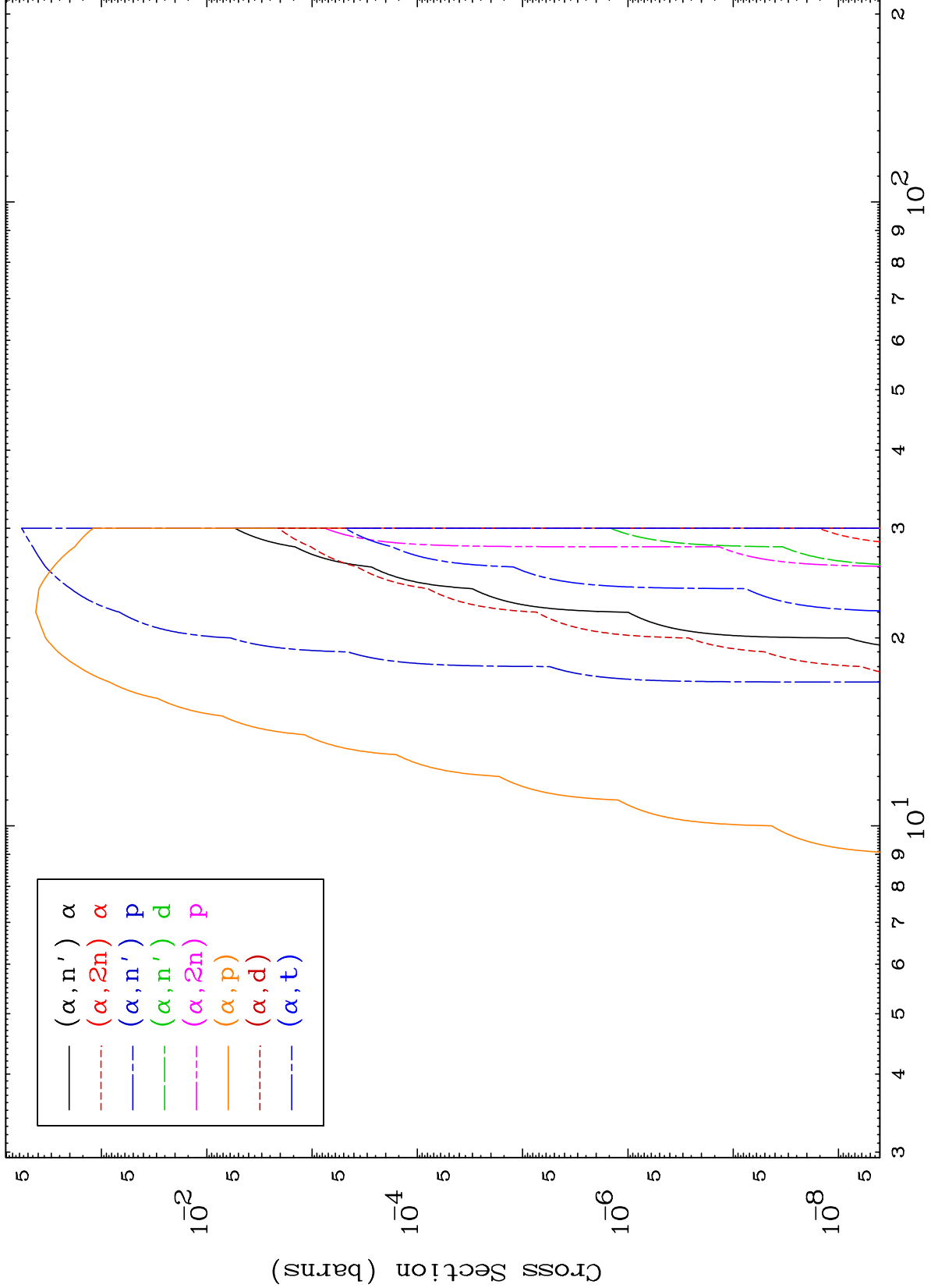


1

Incident Energy (MeV)

61-Pm-135

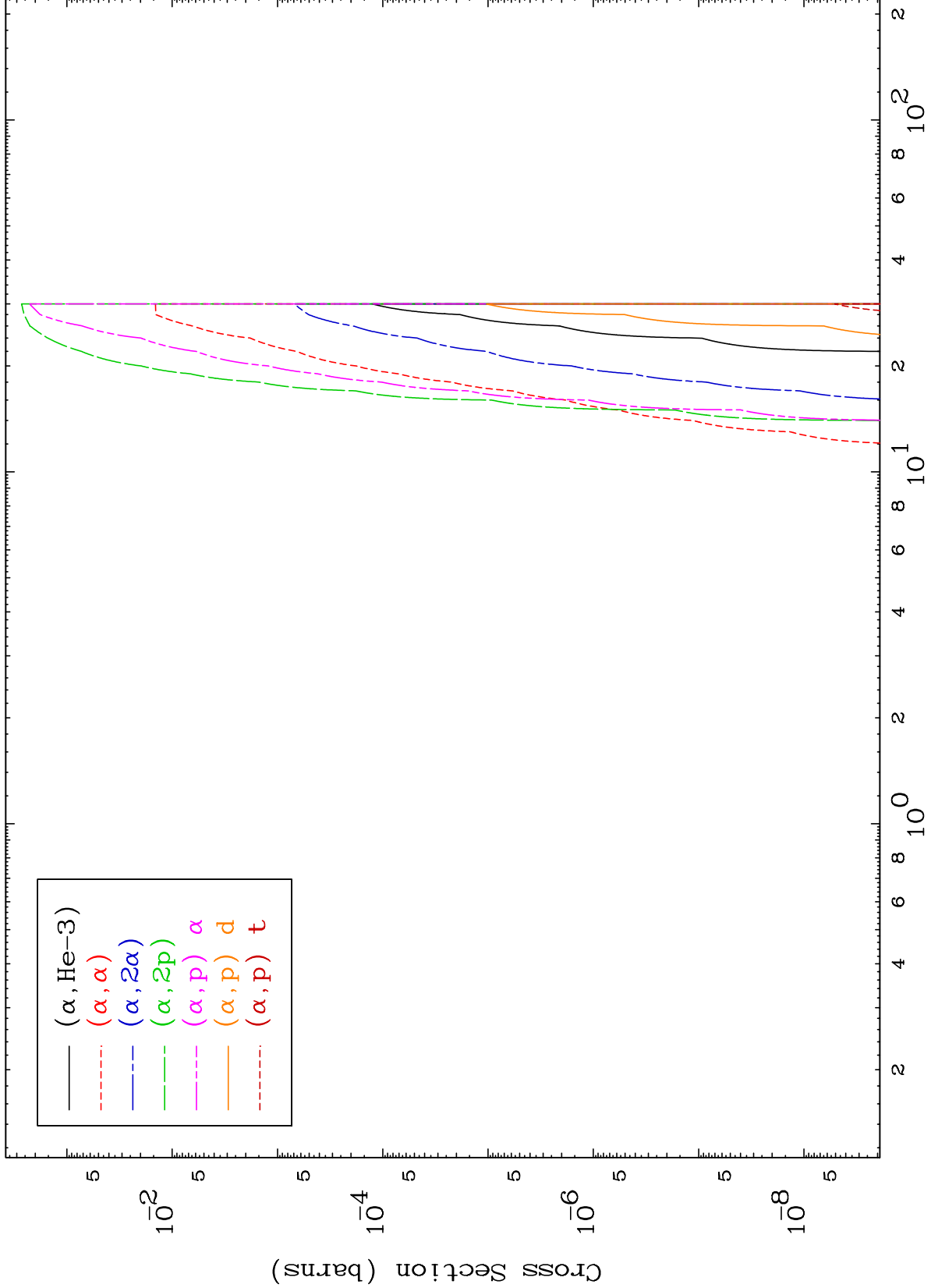




MAT 6114

α Charged Particle
0 Kelvin Cross Sections

61-Pm-135

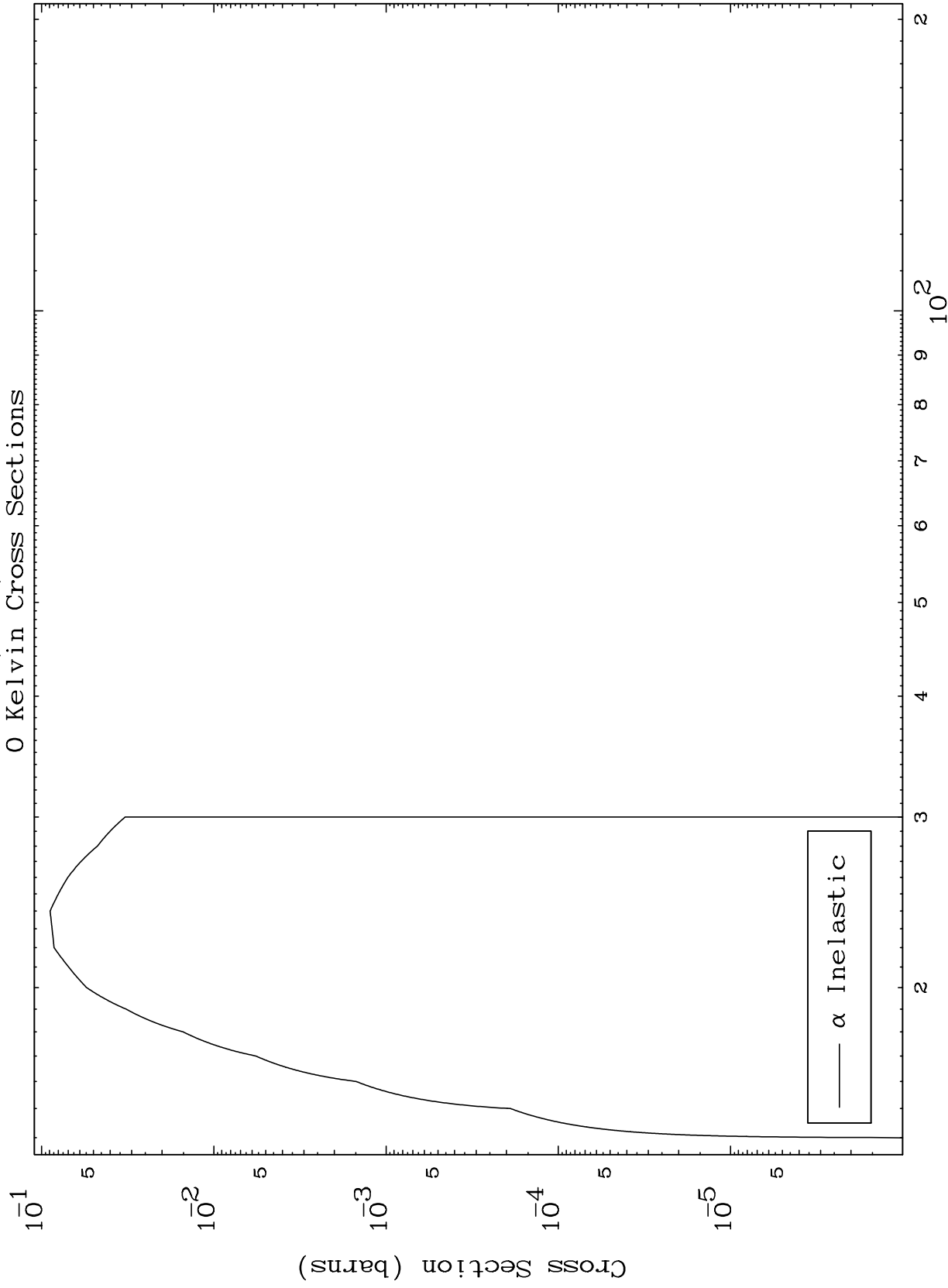


MAT 6114

(α, n') Level

61-Pm-135

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-135

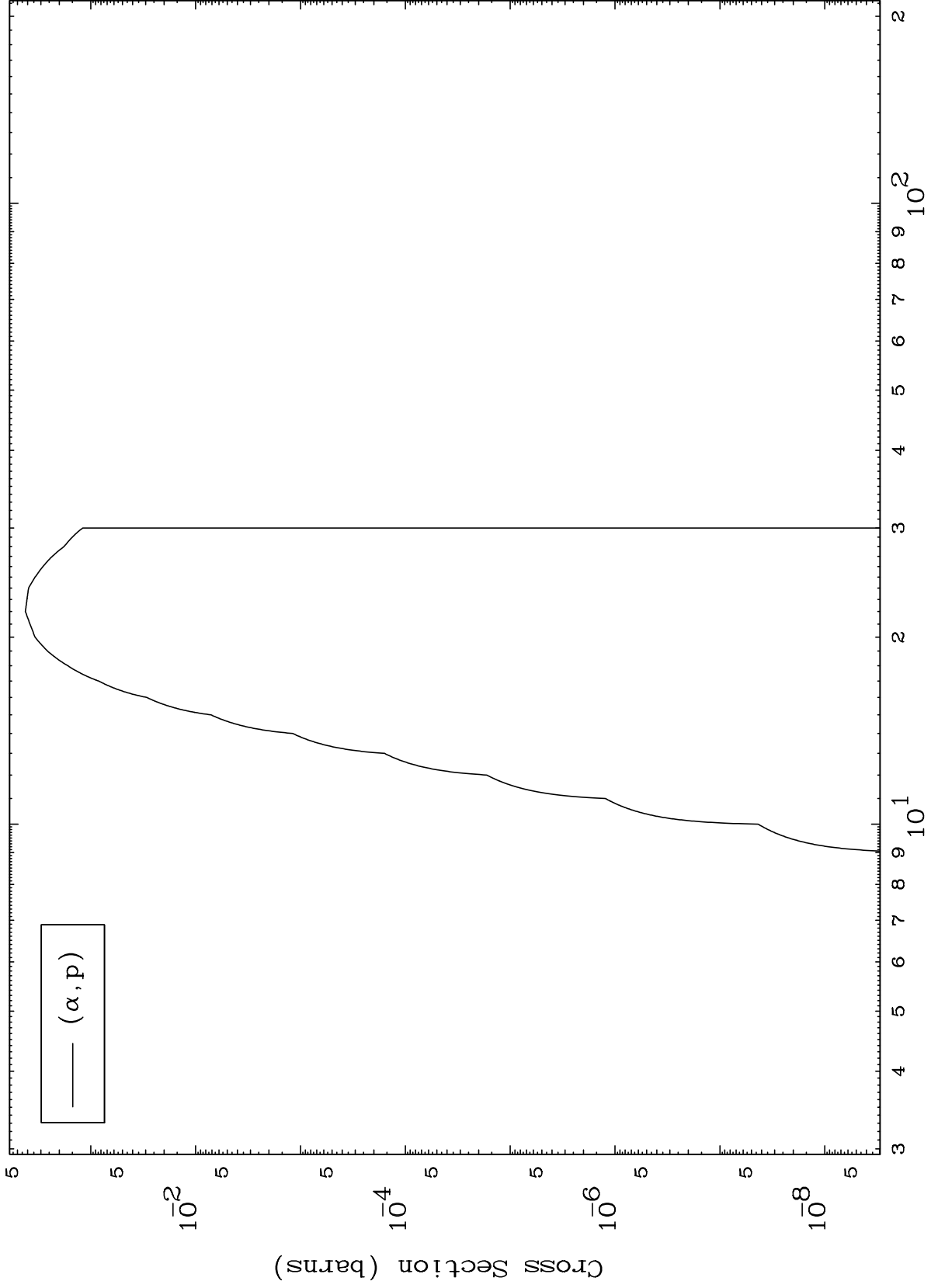
5

MAT 6114

(α, p) Levels

61-Pm-135

0 Kelvin Cross Sections



Incident Energy (MeV)

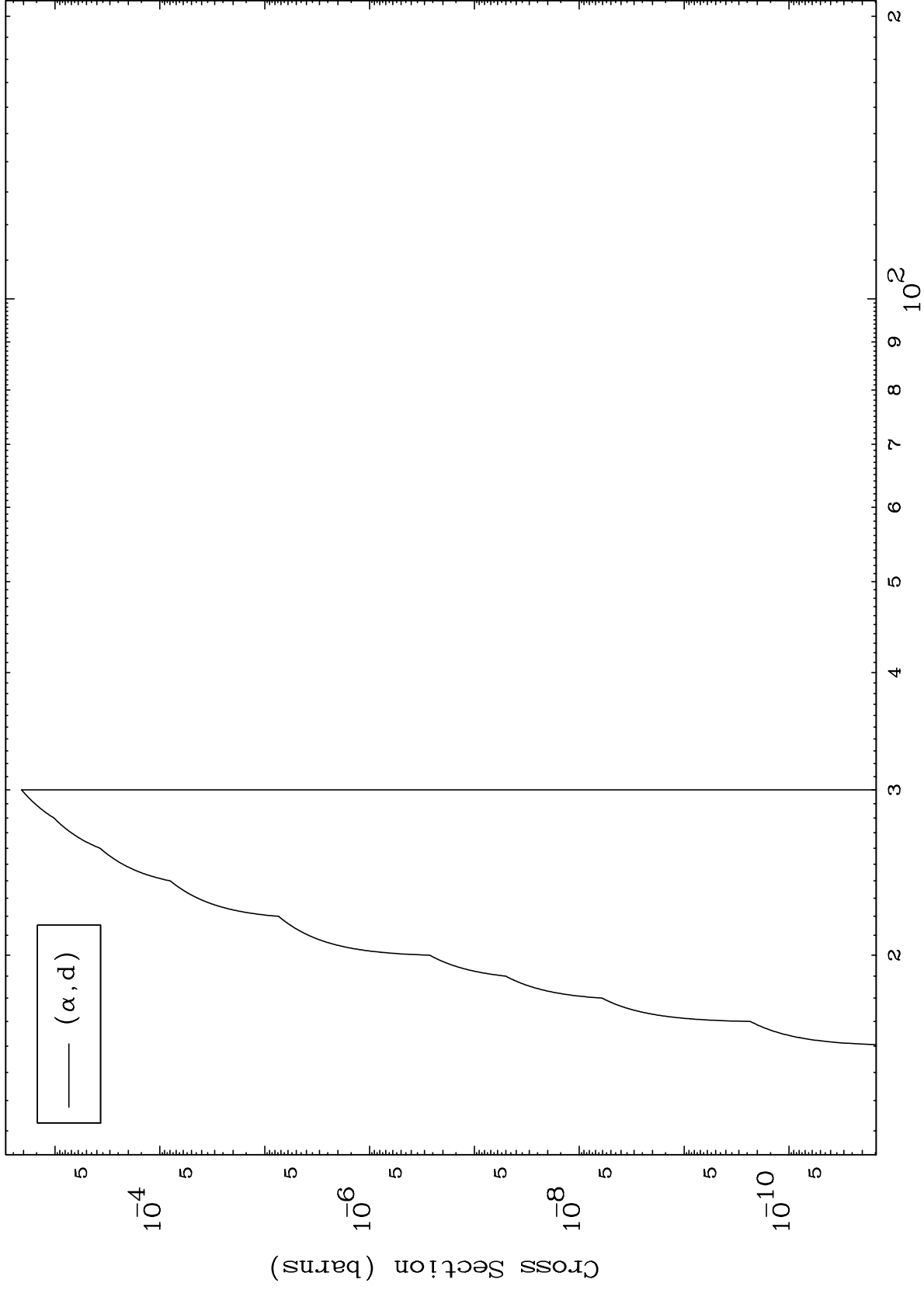
61-Pm-135

6

MAT 6114

(α, d) Levels
0 Kelvin Cross Sections

61-Pm-135



7

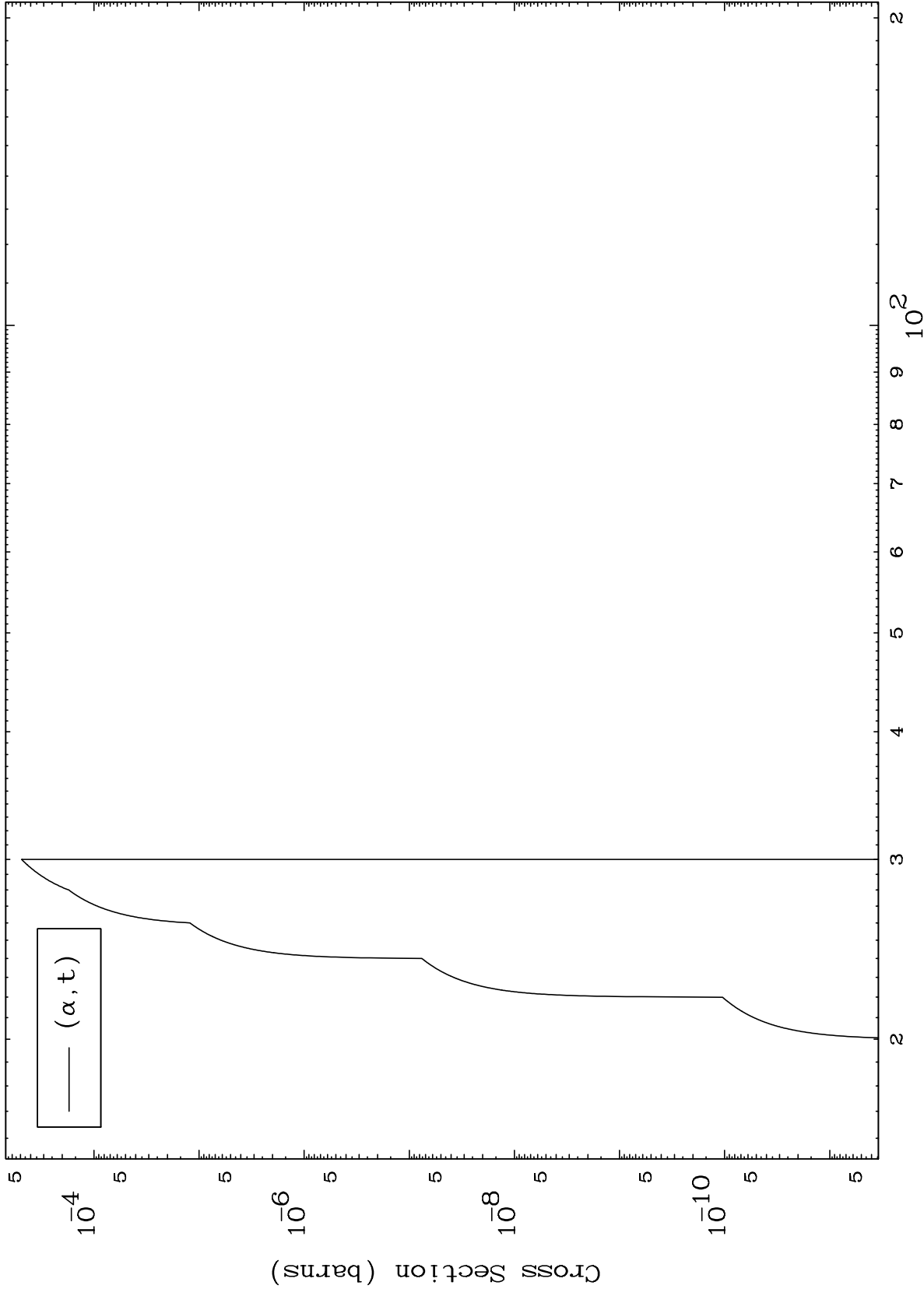
Incident Energy (MeV)

61-Pm-135

MAT 6114

(α, t) Levels
0 Kelvin Cross Sections

61-Pm-135



8

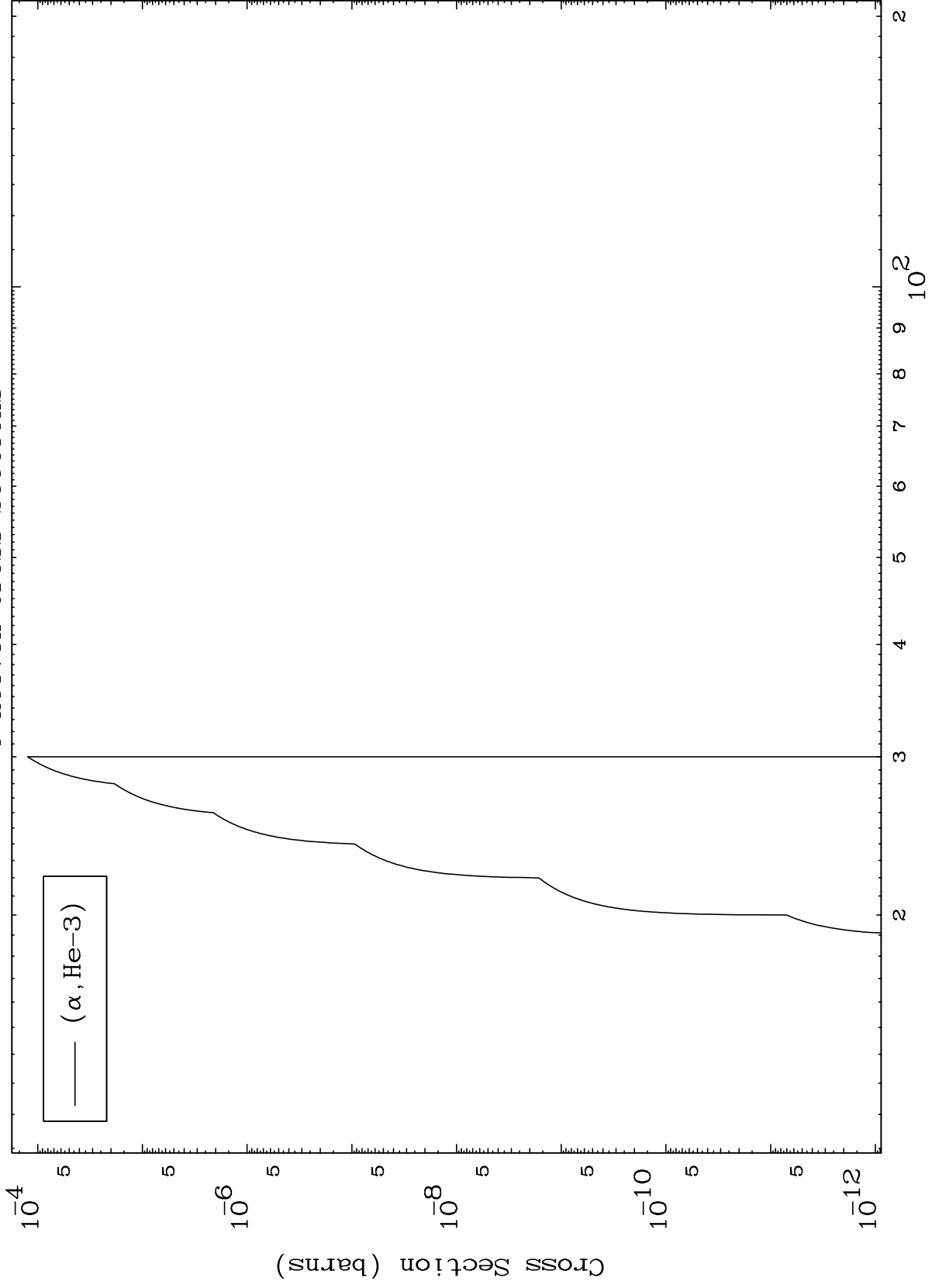
Incident Energy (MeV)

61-Pm-135

MAT 6114

(α , He3) Levels
0 Kelvin Cross Sections

61-Pm-135

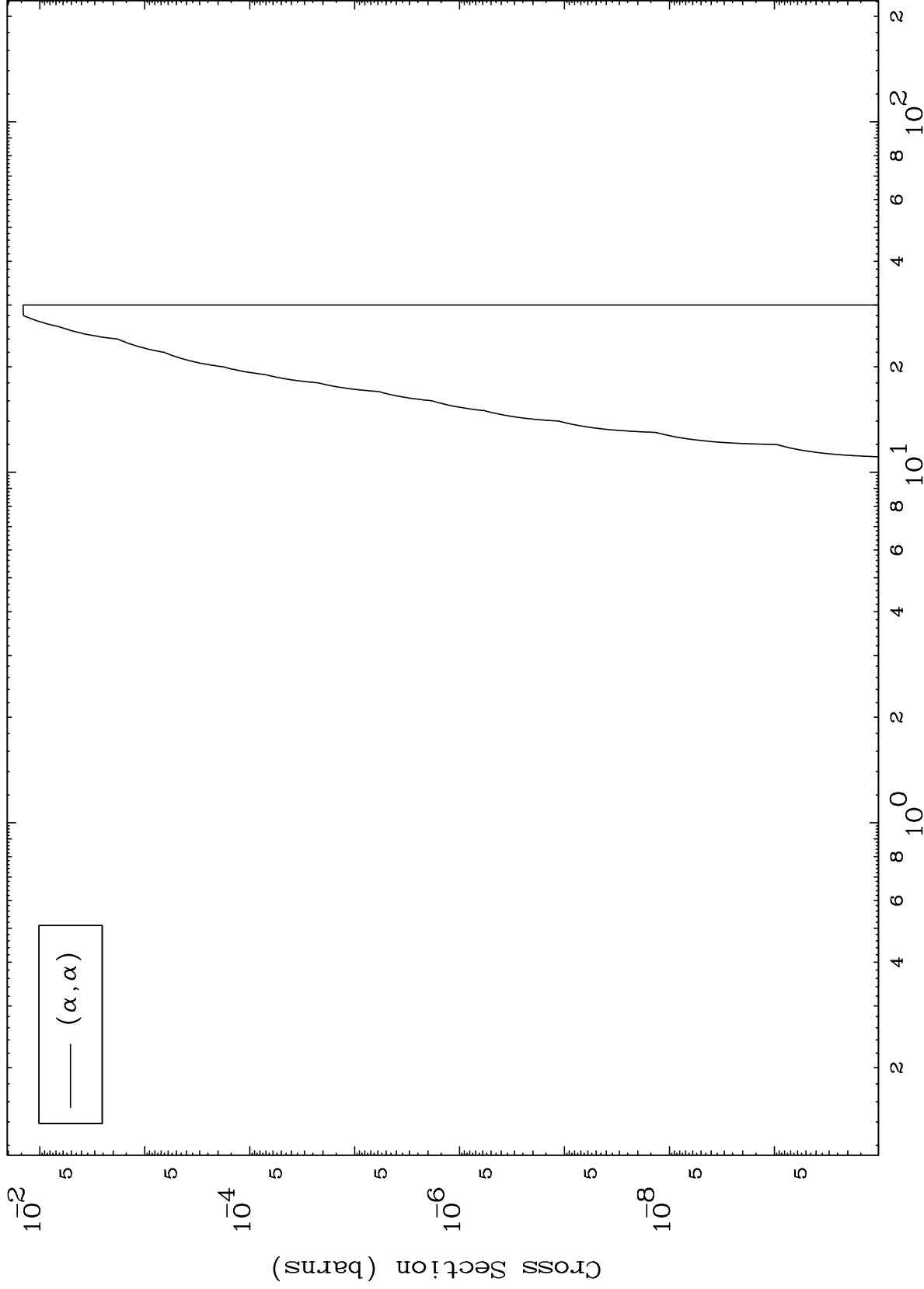


MAT 6114

(α, α) Levels

61-Pm-135

0 Kelvin Cross Sections



10

Incident Energy (MeV)

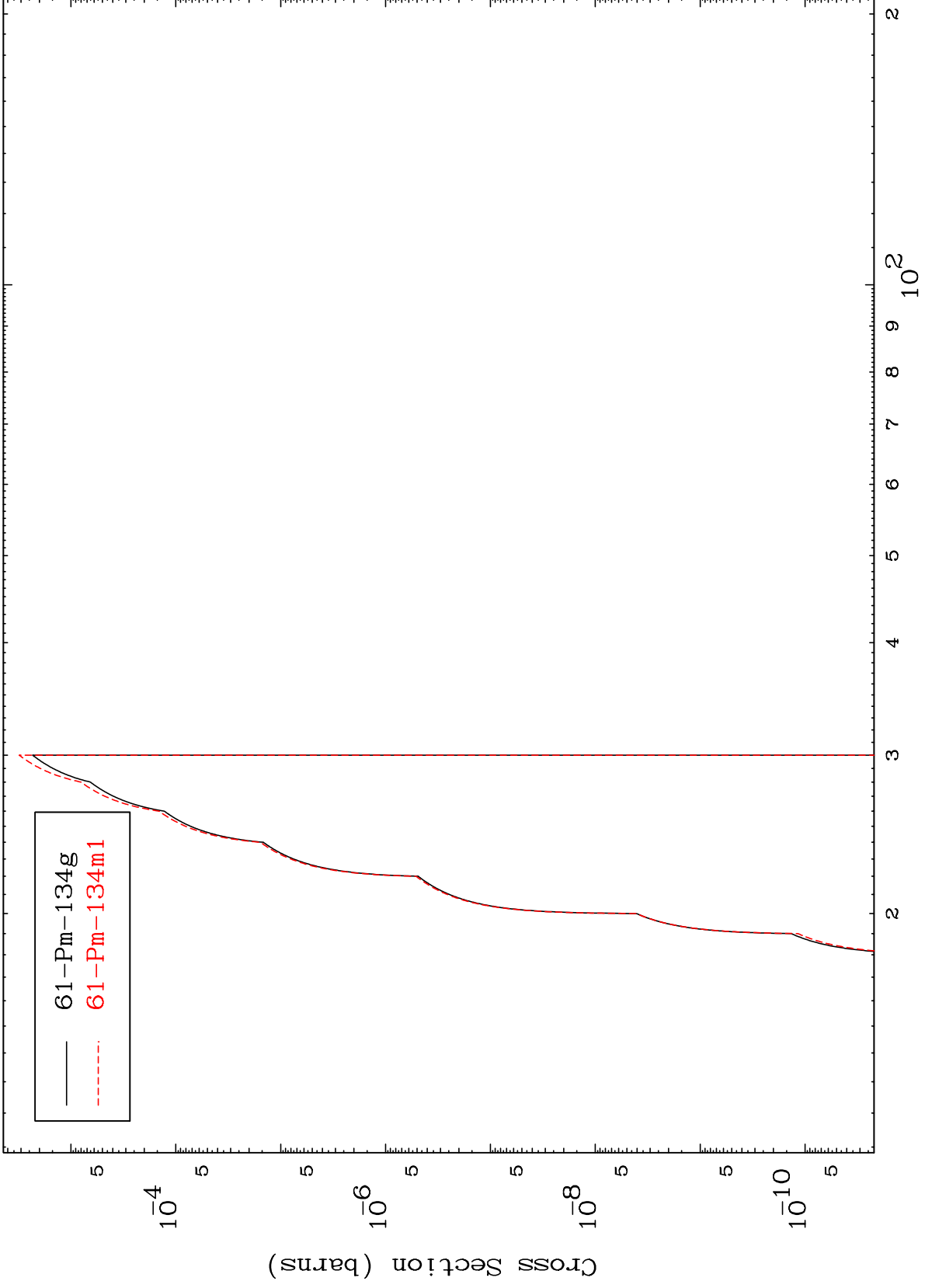
61-Pm-135

MAT 6114

(α, n') α

61-Pm-135

Radionuclide Production Cross Section

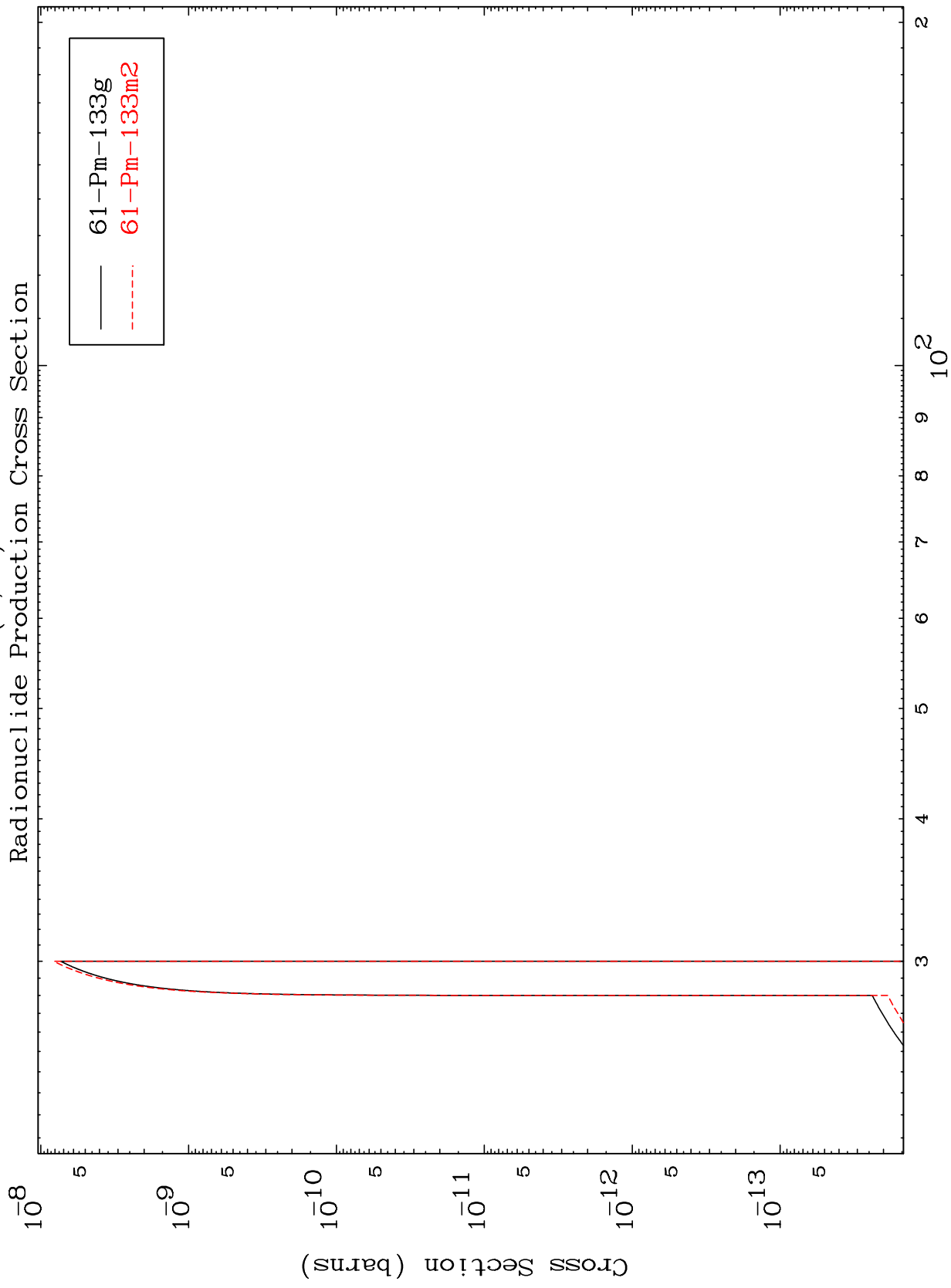


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$(\alpha, 2n) \alpha$

61-Pm-135

Radionuclide Production Cross Section



12

Incident Energy (MeV)

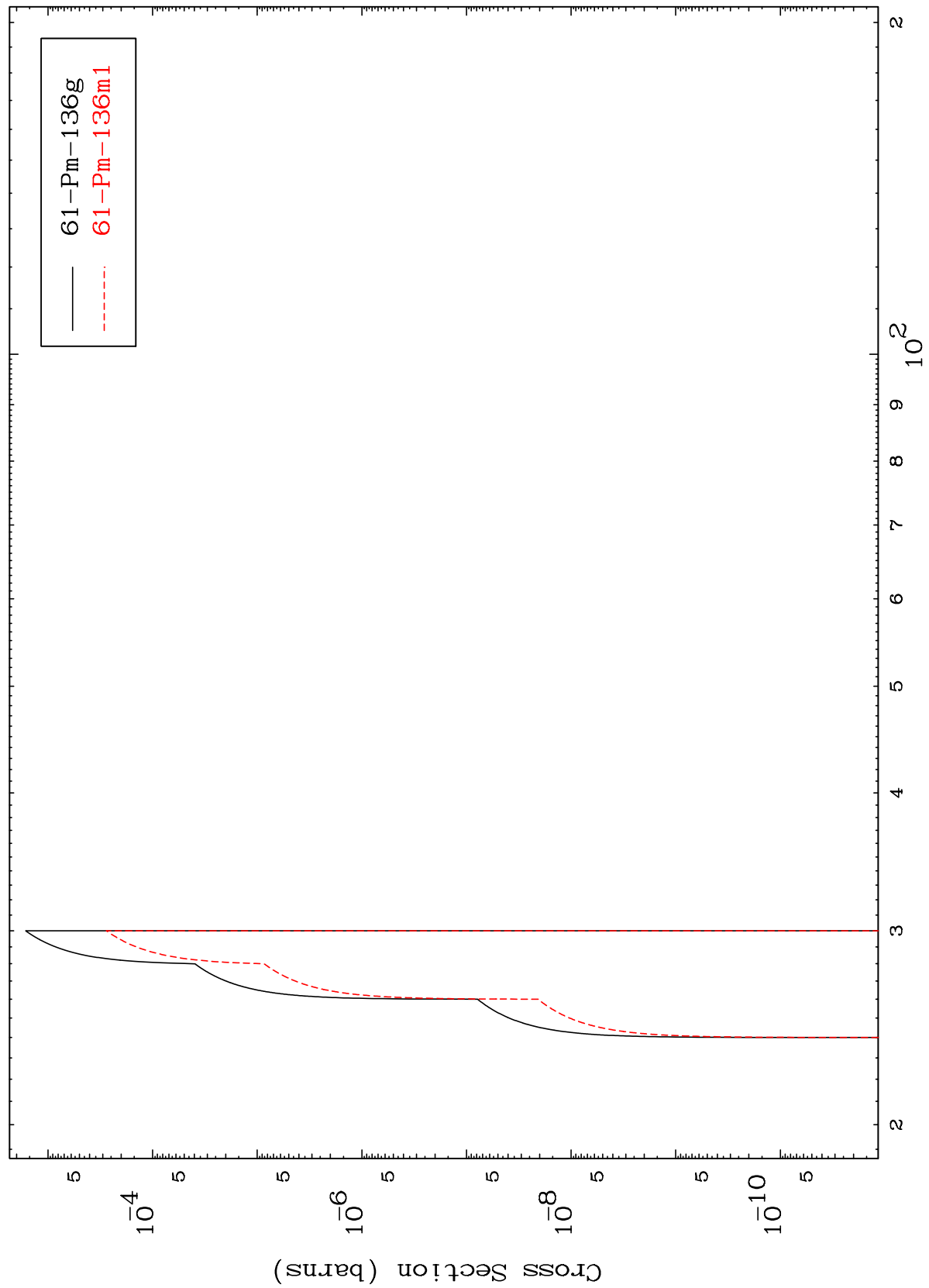
61-Pm-135

MAT 6114

$(\alpha, 2n)$ p

61-Pm-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

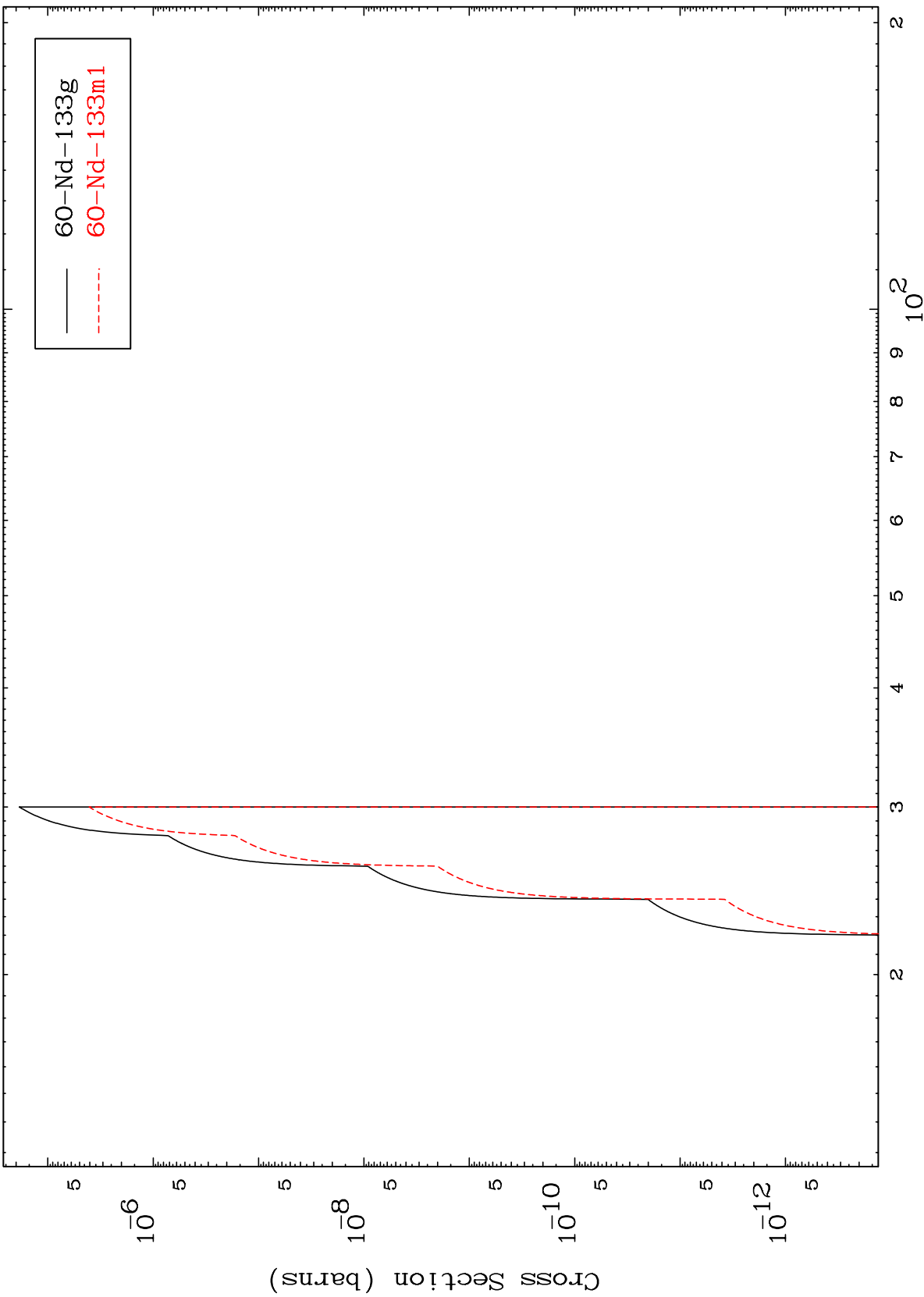
61-Pm-135

MAT 6114

(α, n') p α

61-Pm-135

Radionuclide Production Cross Section



14

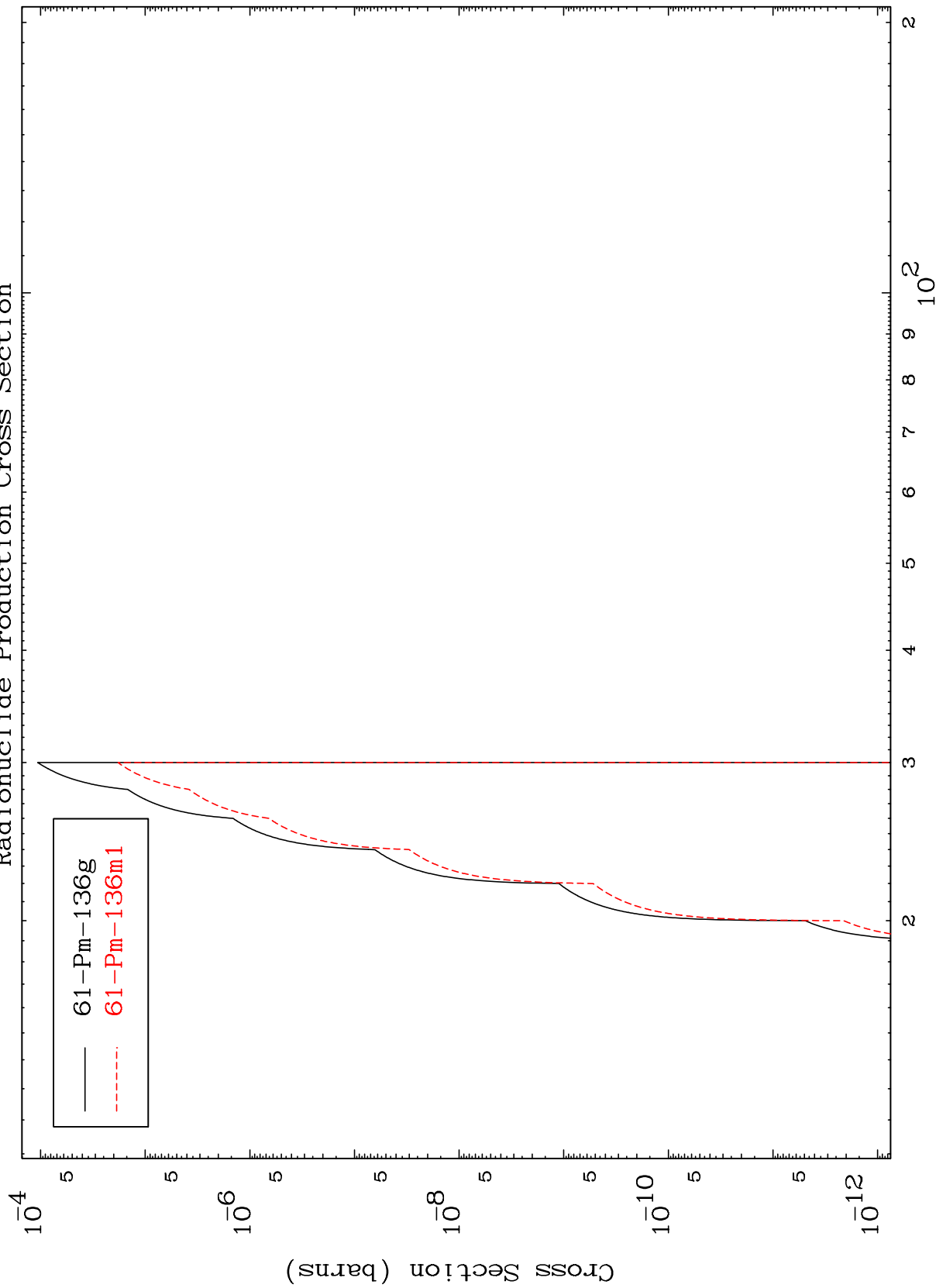
Incident Energy (MeV)

61-Pm-135

MAT 6114

61-Pm-135

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



15

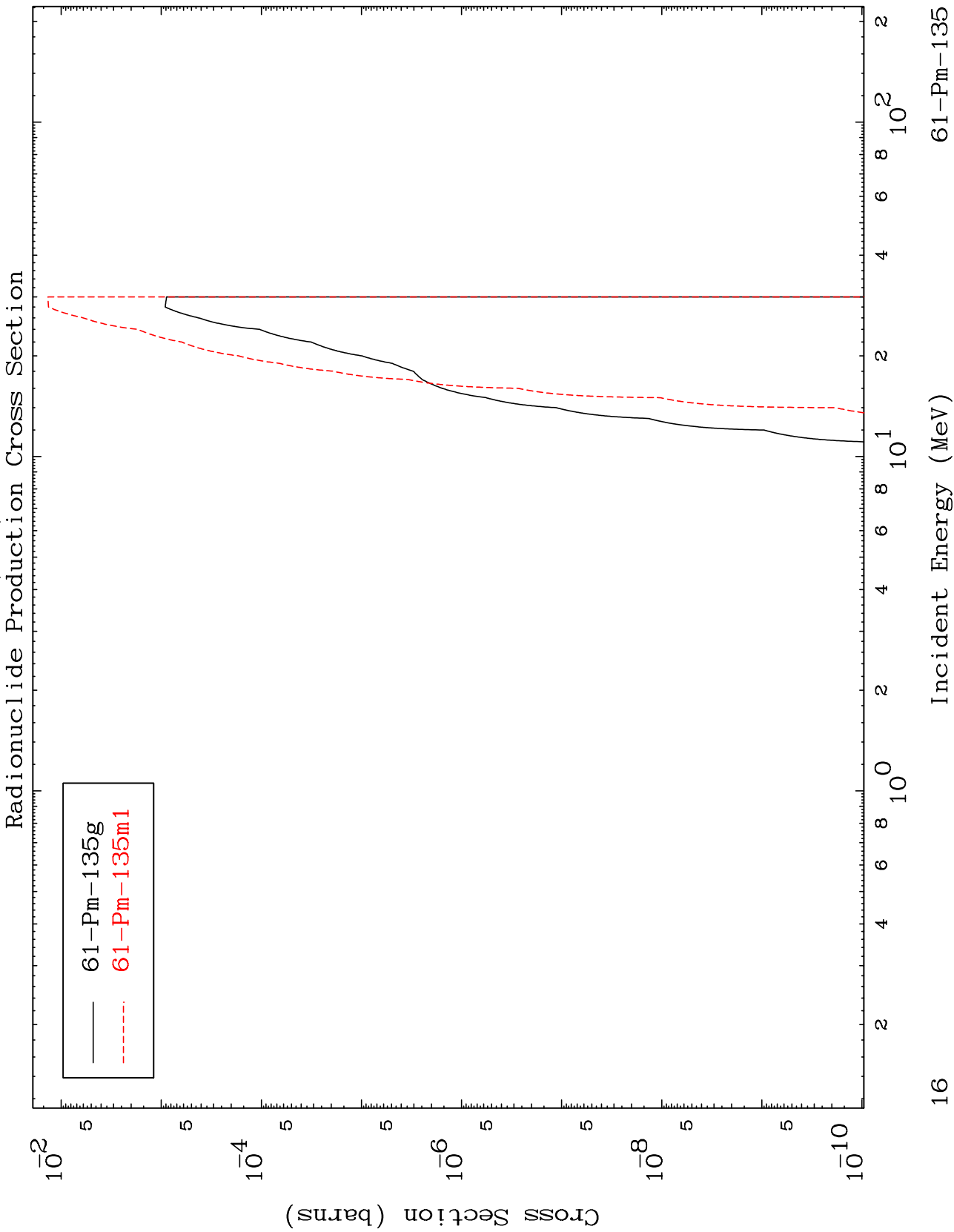
Incident Energy (MeV)

61-Pm-135

MAT 6114

(α, α)

61-Pm-135



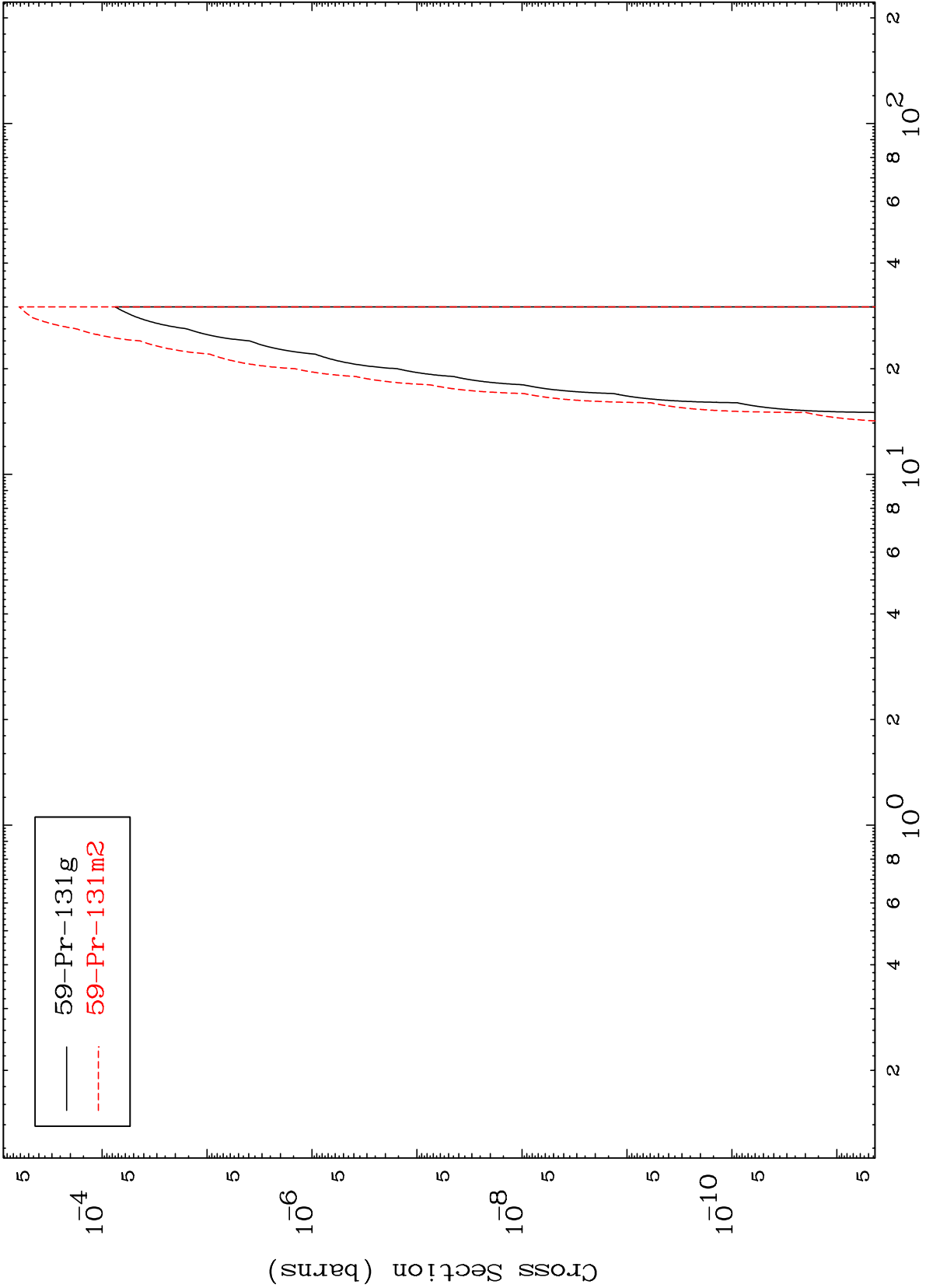
61-Pm-135g
61-Pm-135m1

MAT 6114

($\alpha, 2\alpha$)

61-Pm-135

Radionuclide Production Cross Section



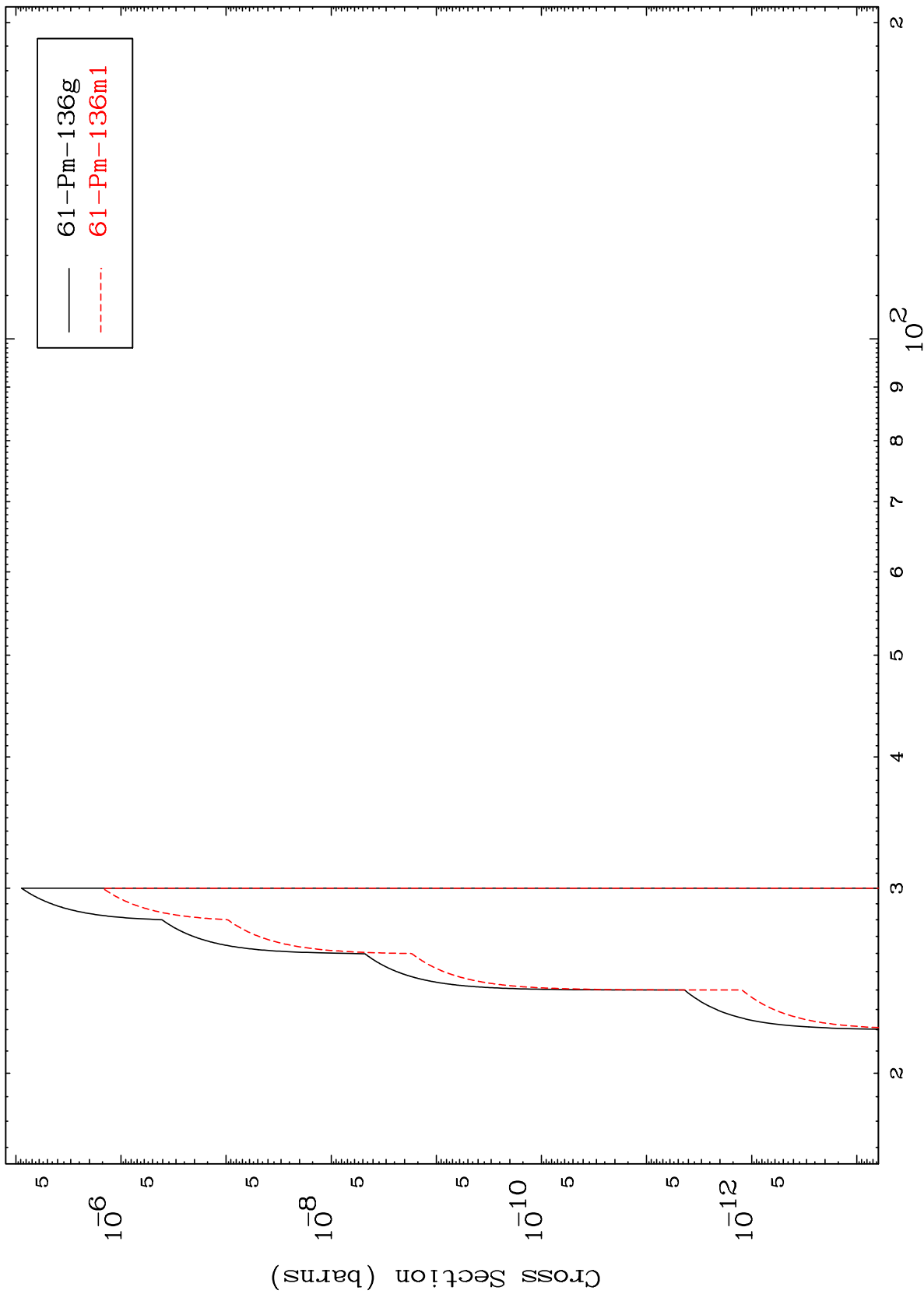
59-Pr-131g
59-Pr-131m2

MAT 6114

(α, p) d

61-Pm-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

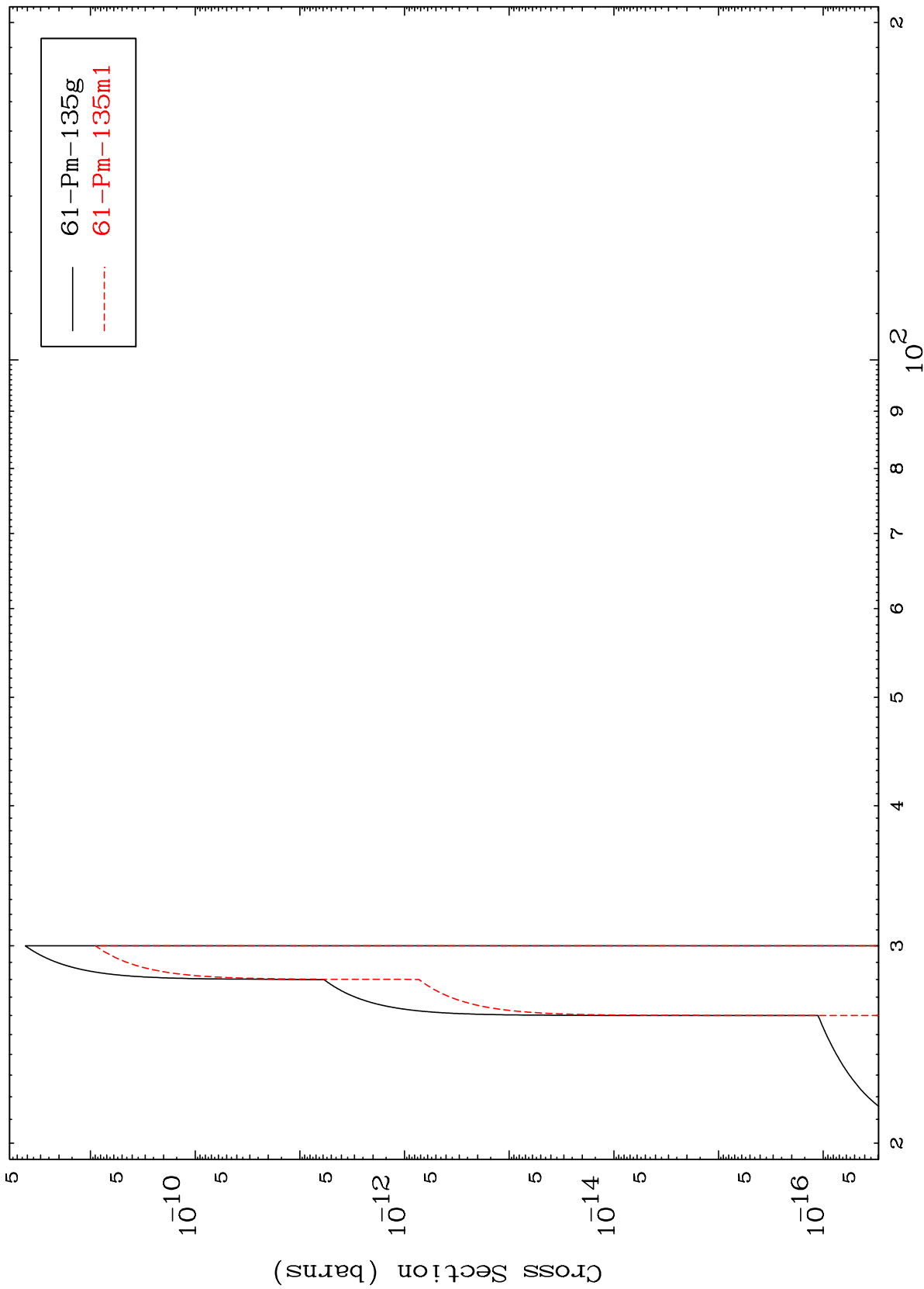
61-Pm-135

MAT 6114

(α, p) t

61-Pm-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

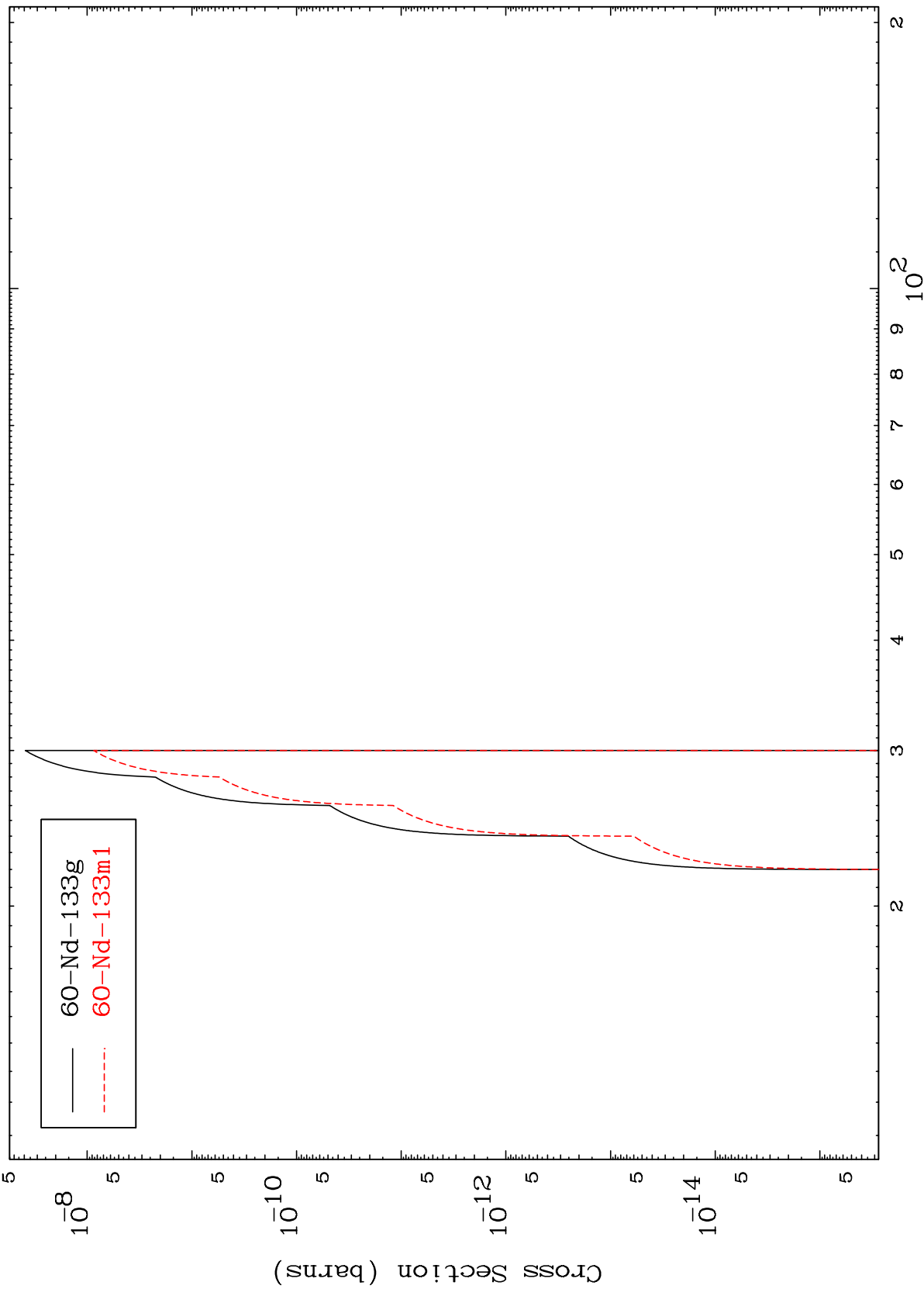
61-Pm-135

MAT 6114

(α, d) α

61-Pm-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

61-Pm-135