

Program EVALPLOT
(Version 2021-1)

by

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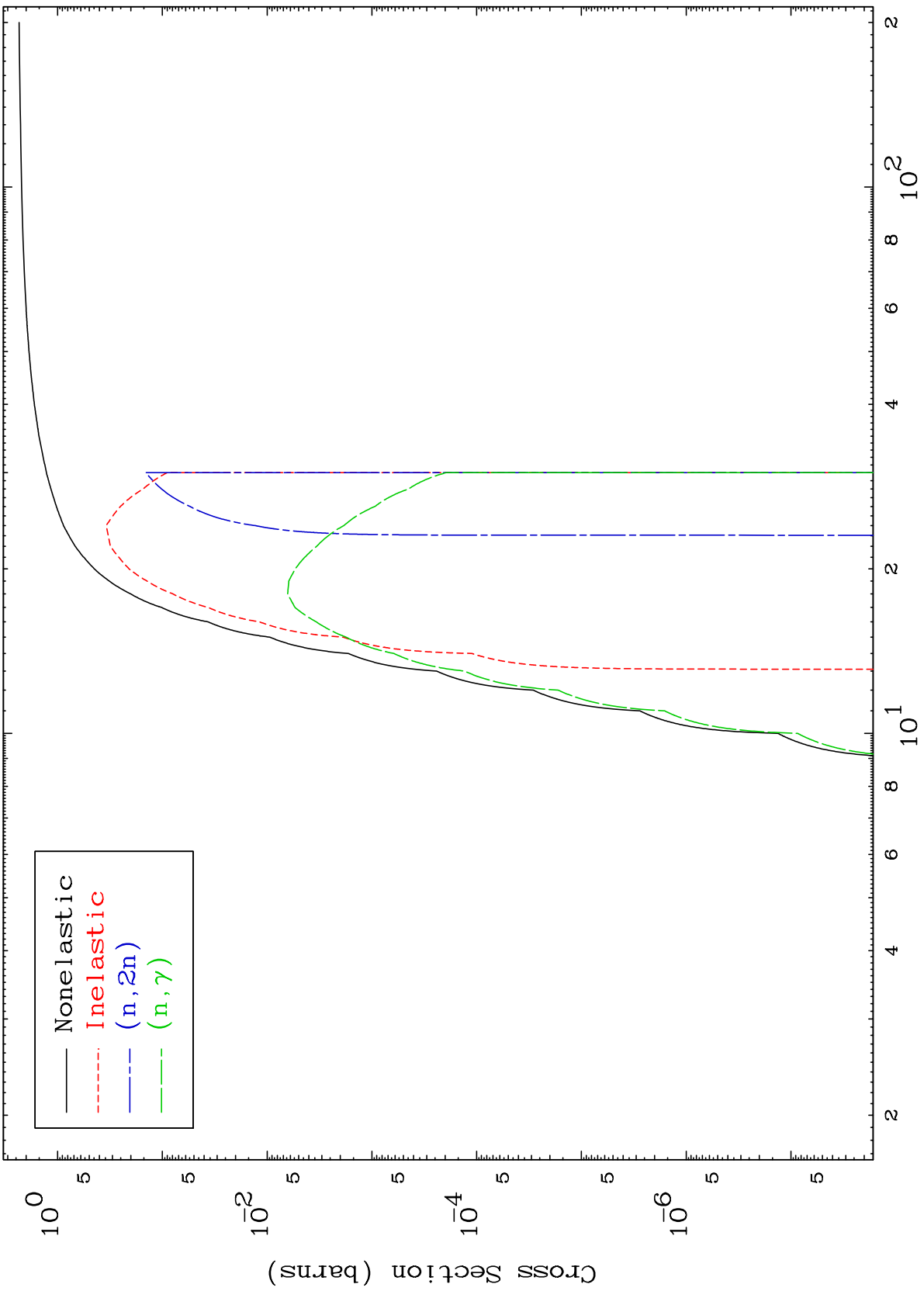
Press Mouse Button to Start

MAT 6119

α Major

61-Pm-137

0 Kelvin Cross Sections

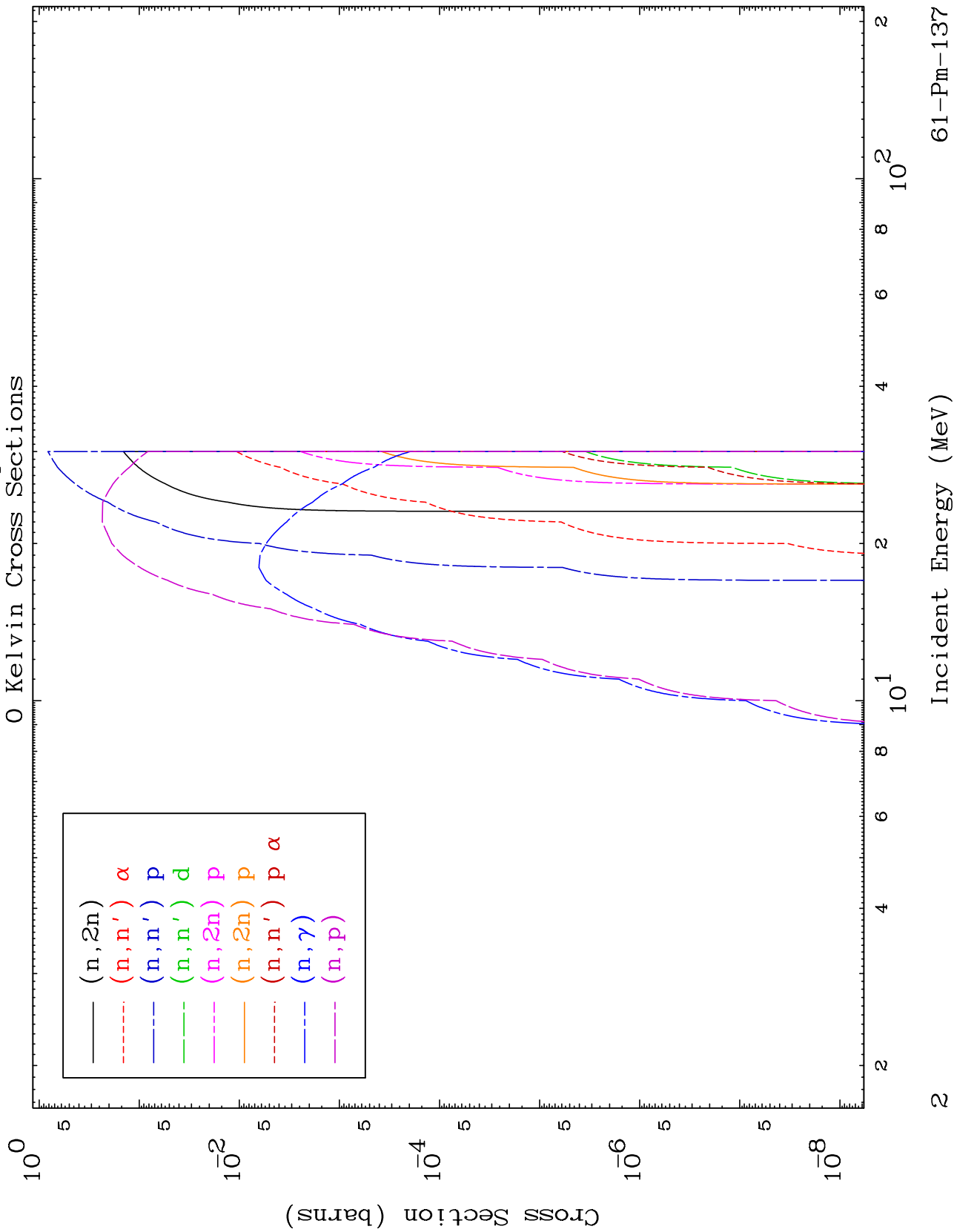


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 6119

α Neutron Absorption

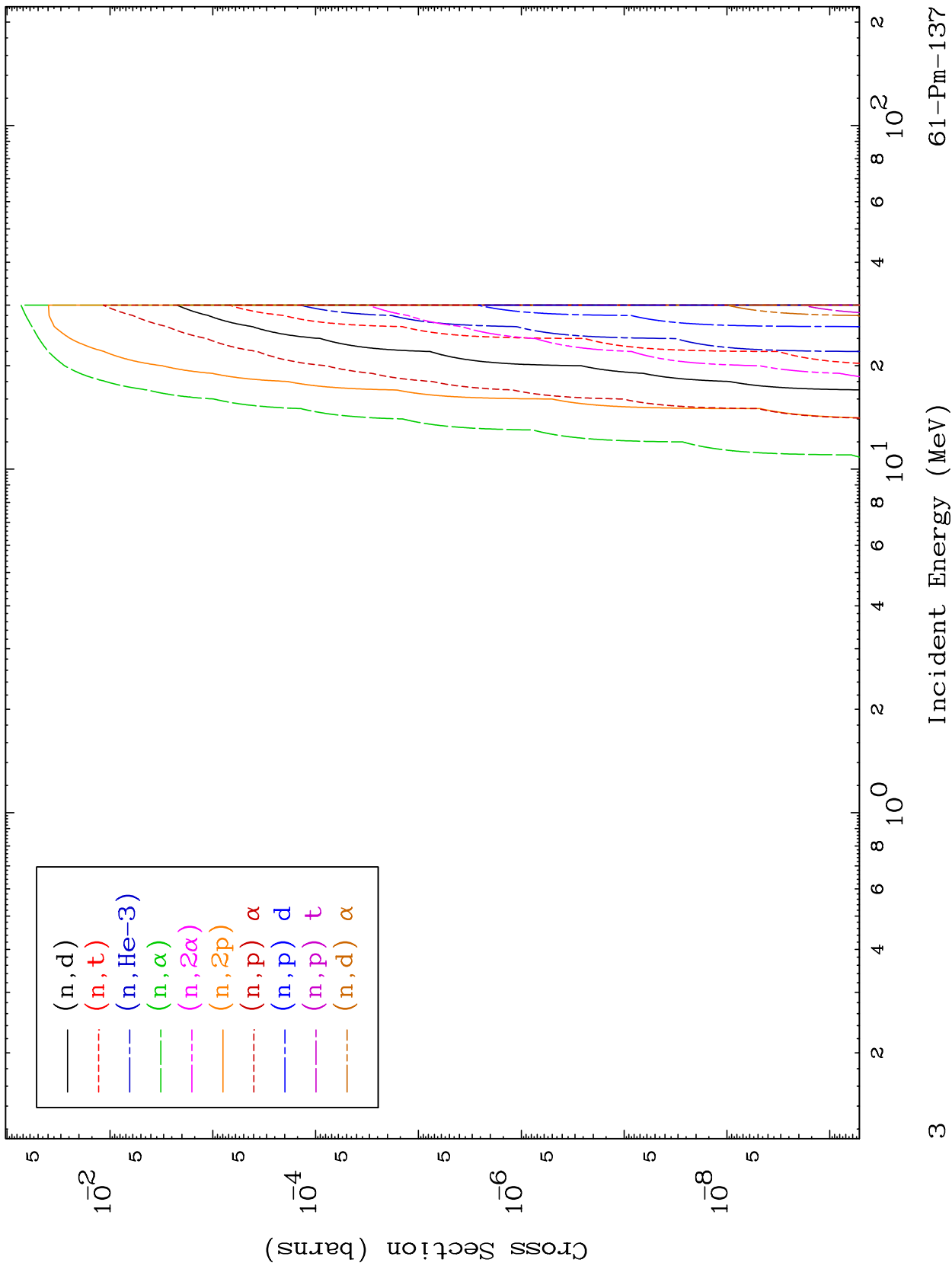
61-Pm-137

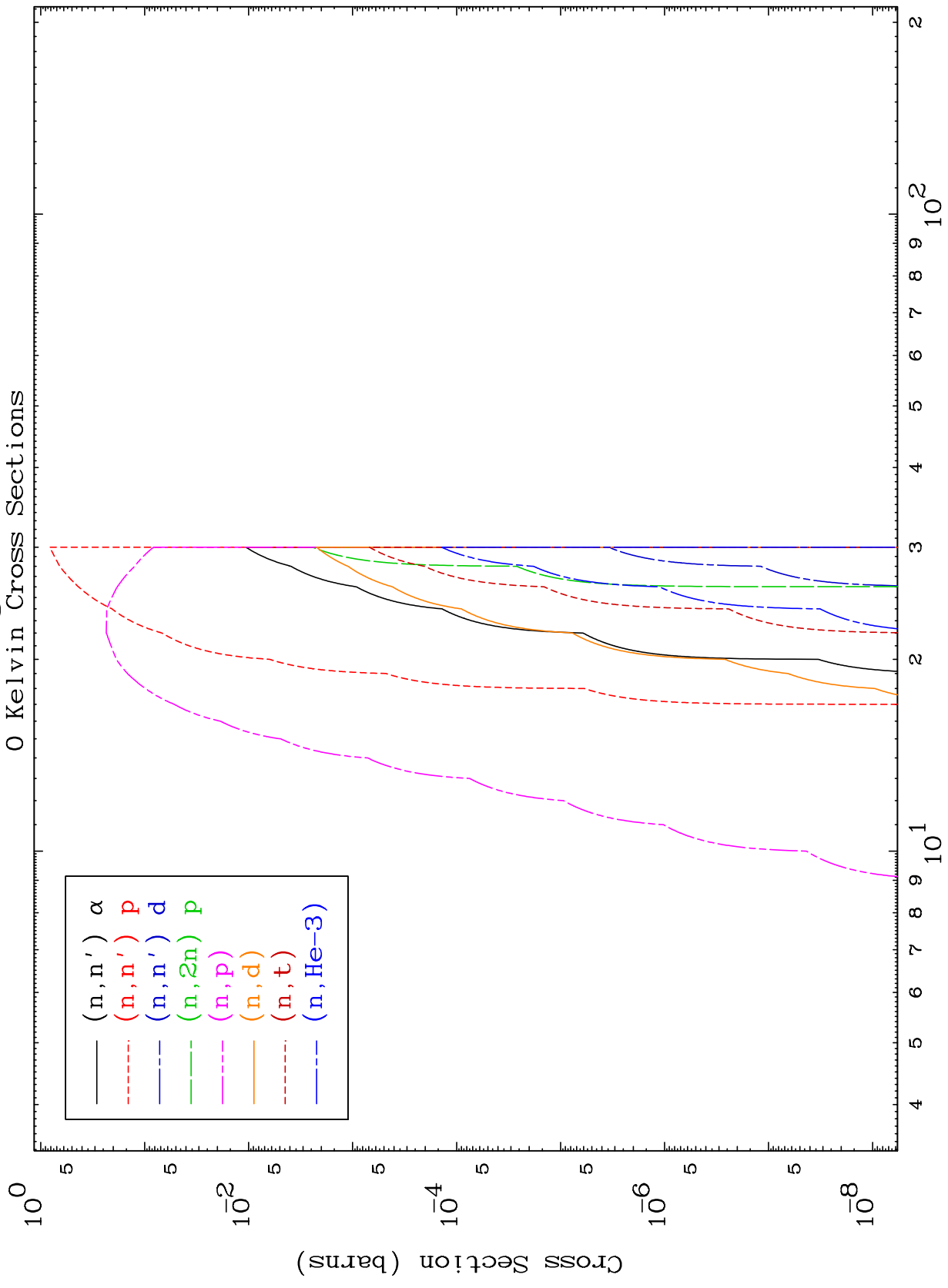


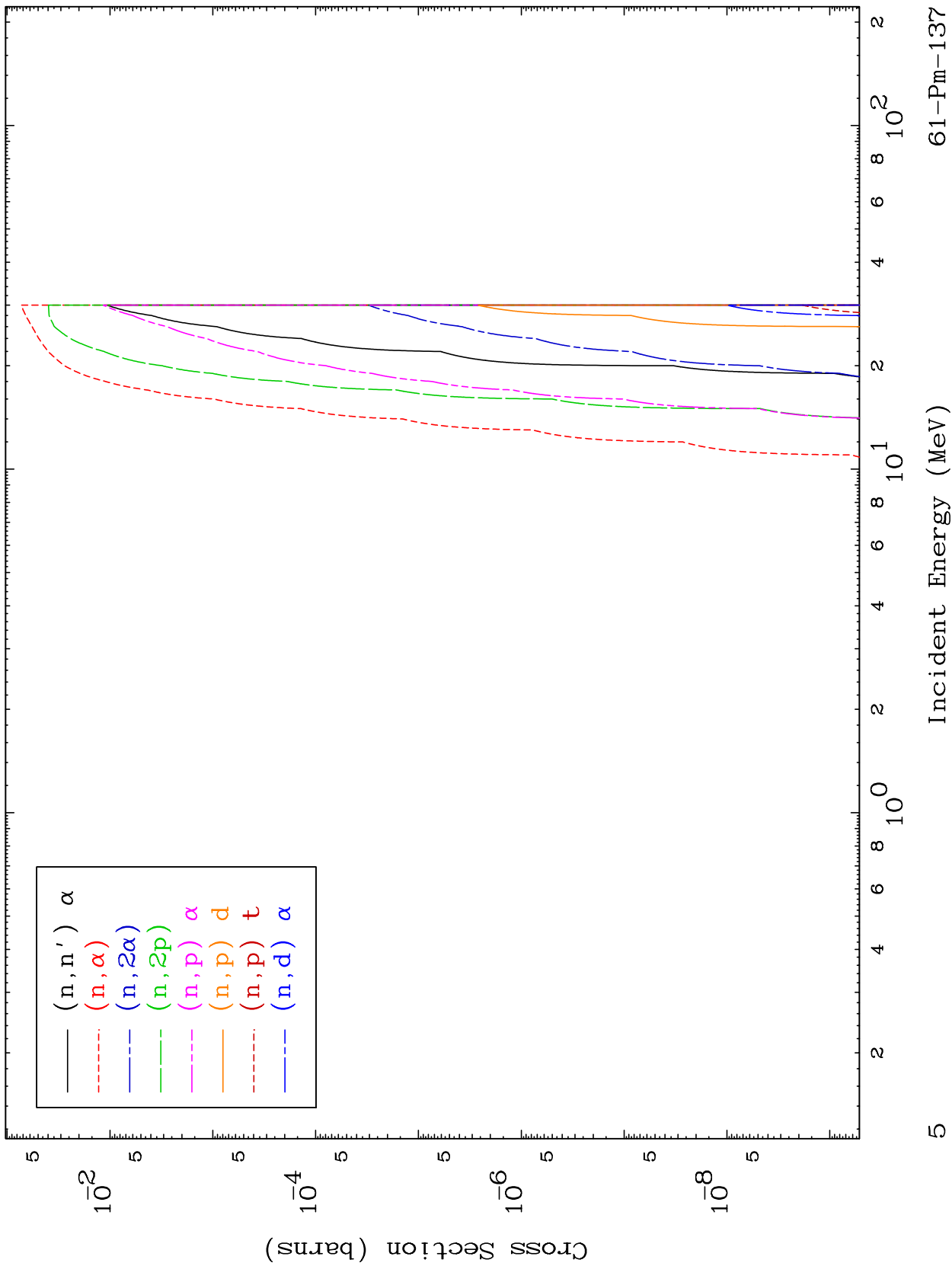
MAT 6119

α Neutron Absorption
0 Kelvin Cross Sections

61-Pm-137



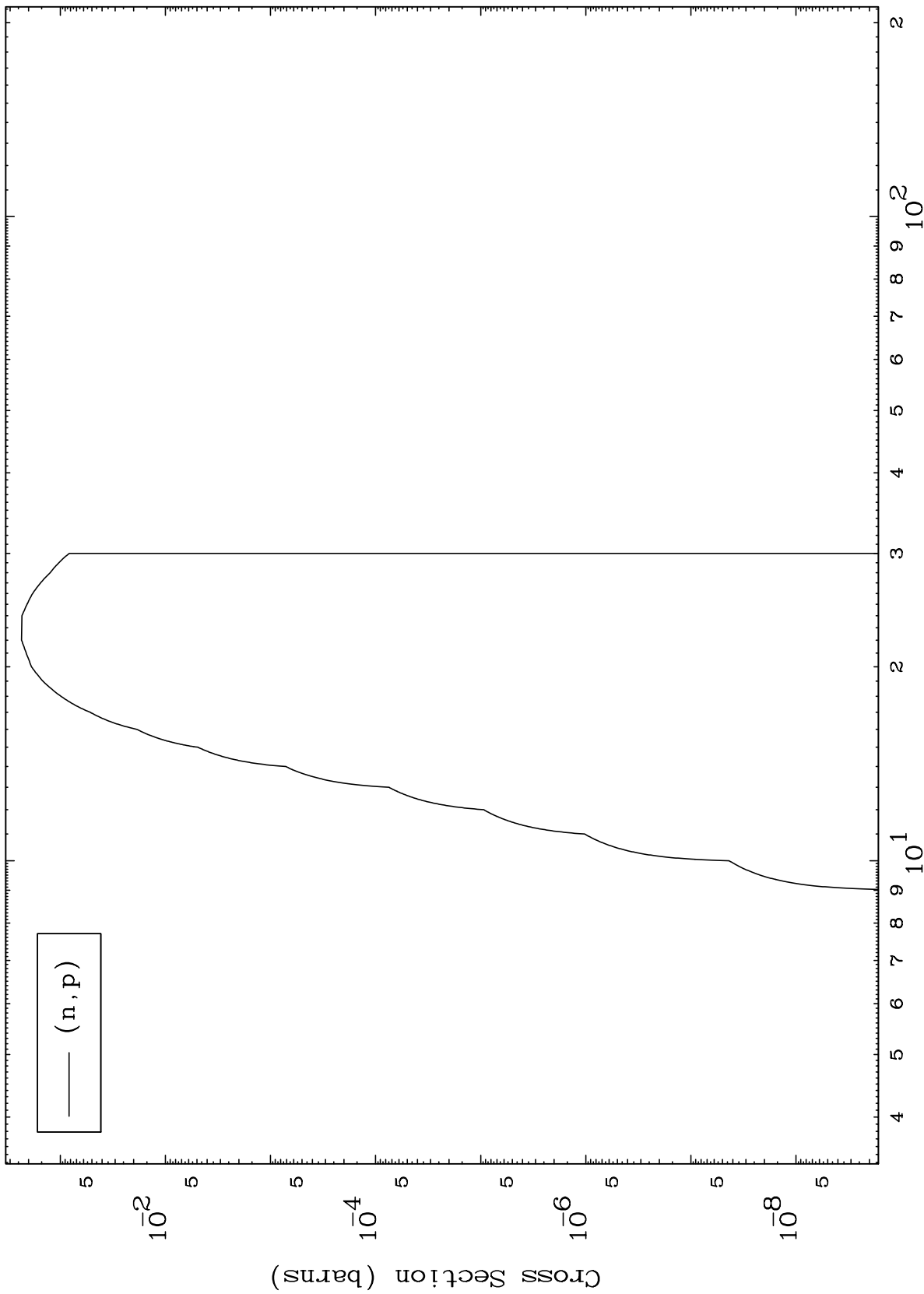




MAT 6119

61-Pm-137

(α, p) Levels
0 Kelvin Cross Sections



61-Pm-137

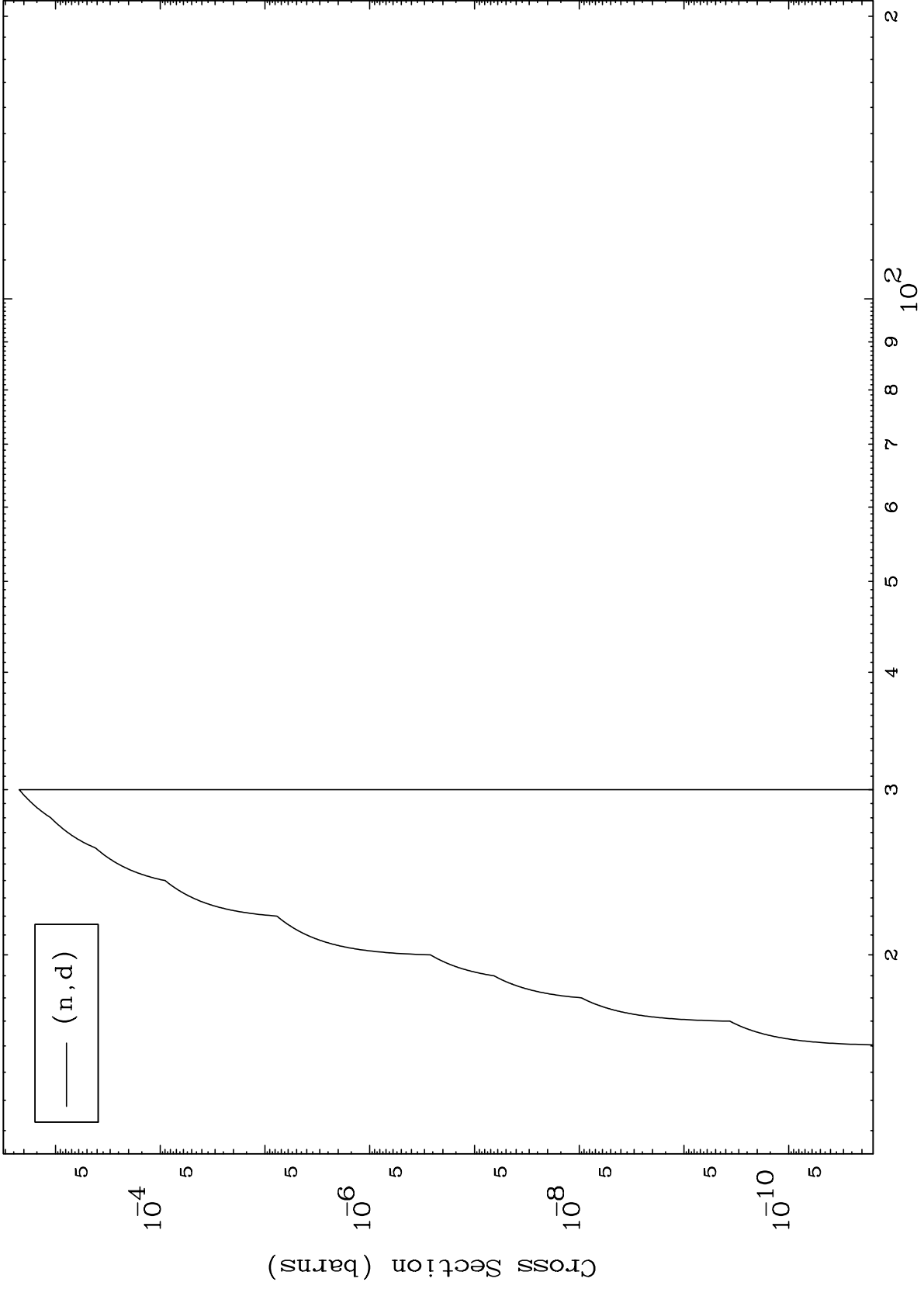
Incident Energy (MeV)

6

MAT 6119

(α, d) Levels
0 Kelvin Cross Sections

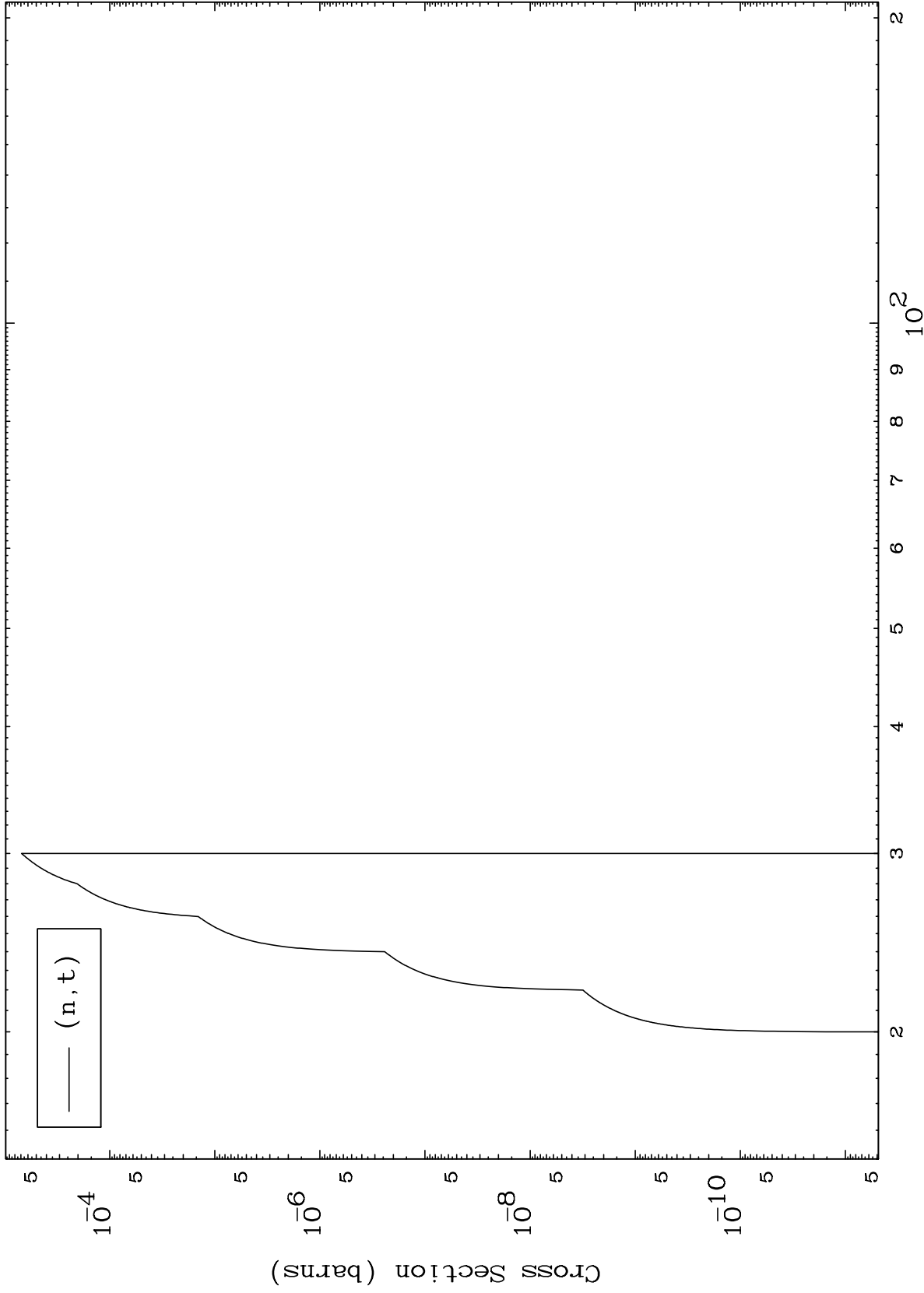
61-Pm-137



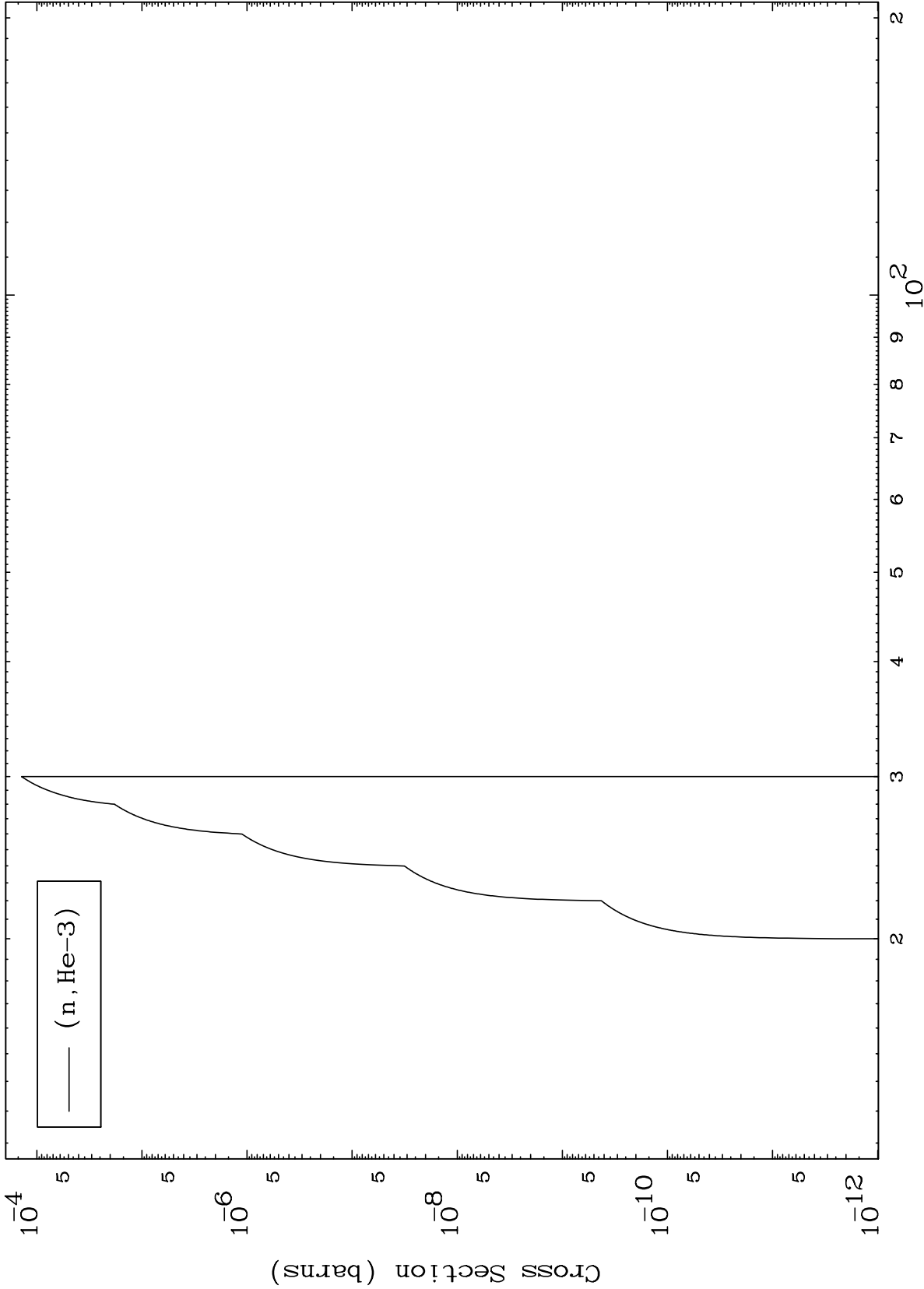
7

Incident Energy (MeV)

61-Pm-137



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

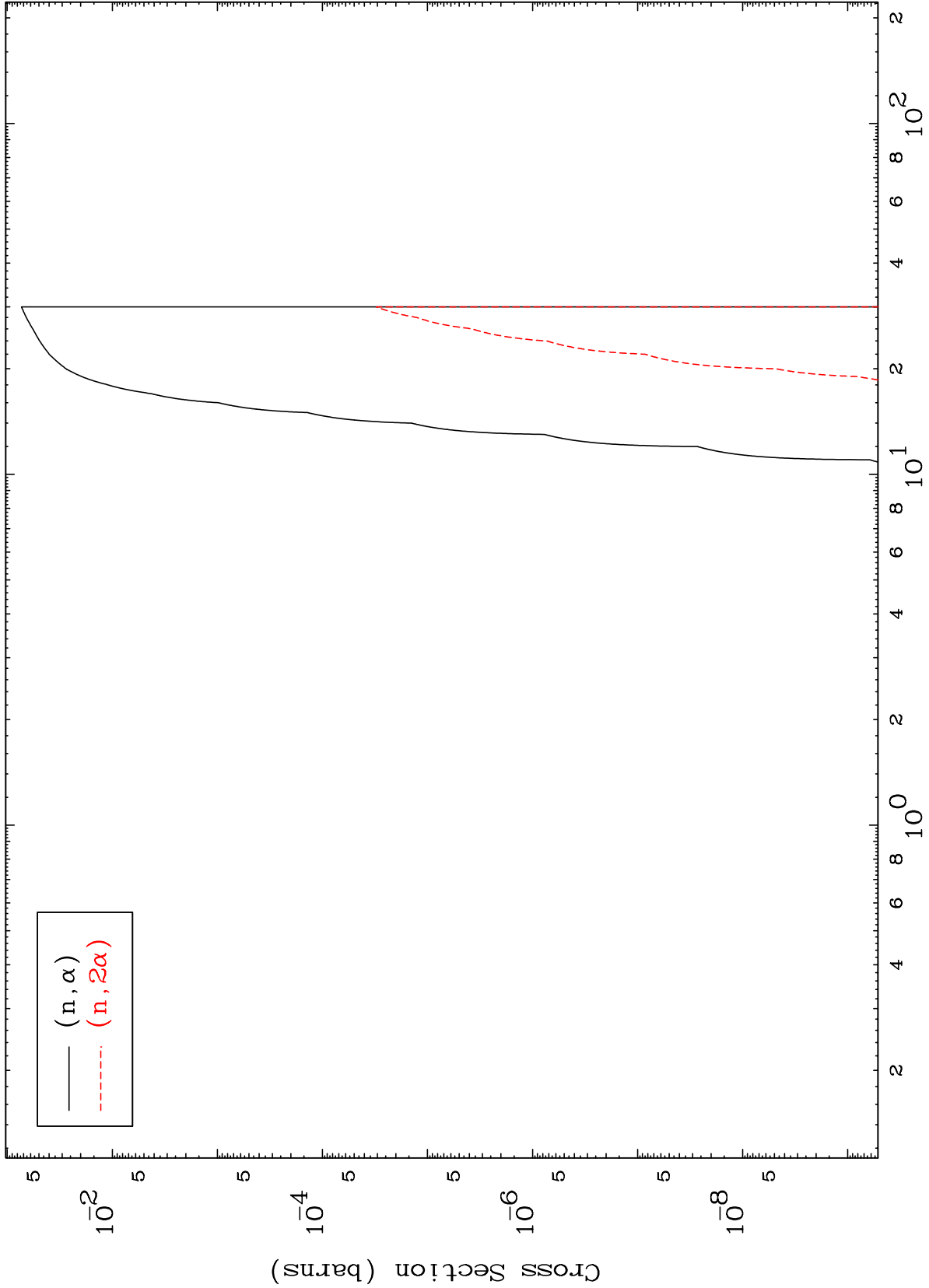


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(α, α) Levels

61-Pm-137

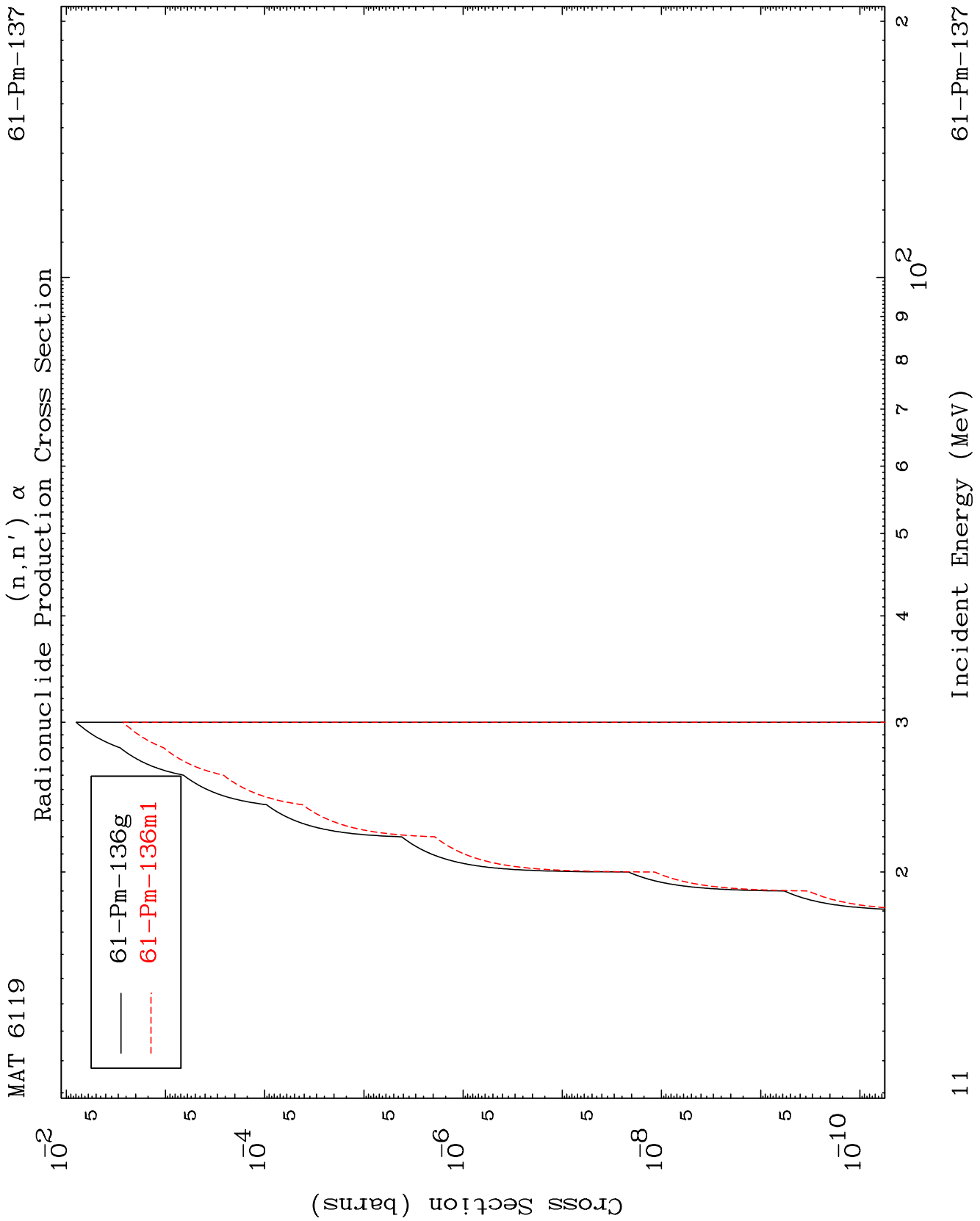
0 Kelvin Cross Sections



10

Incident Energy (MeV)

61-Pm-137

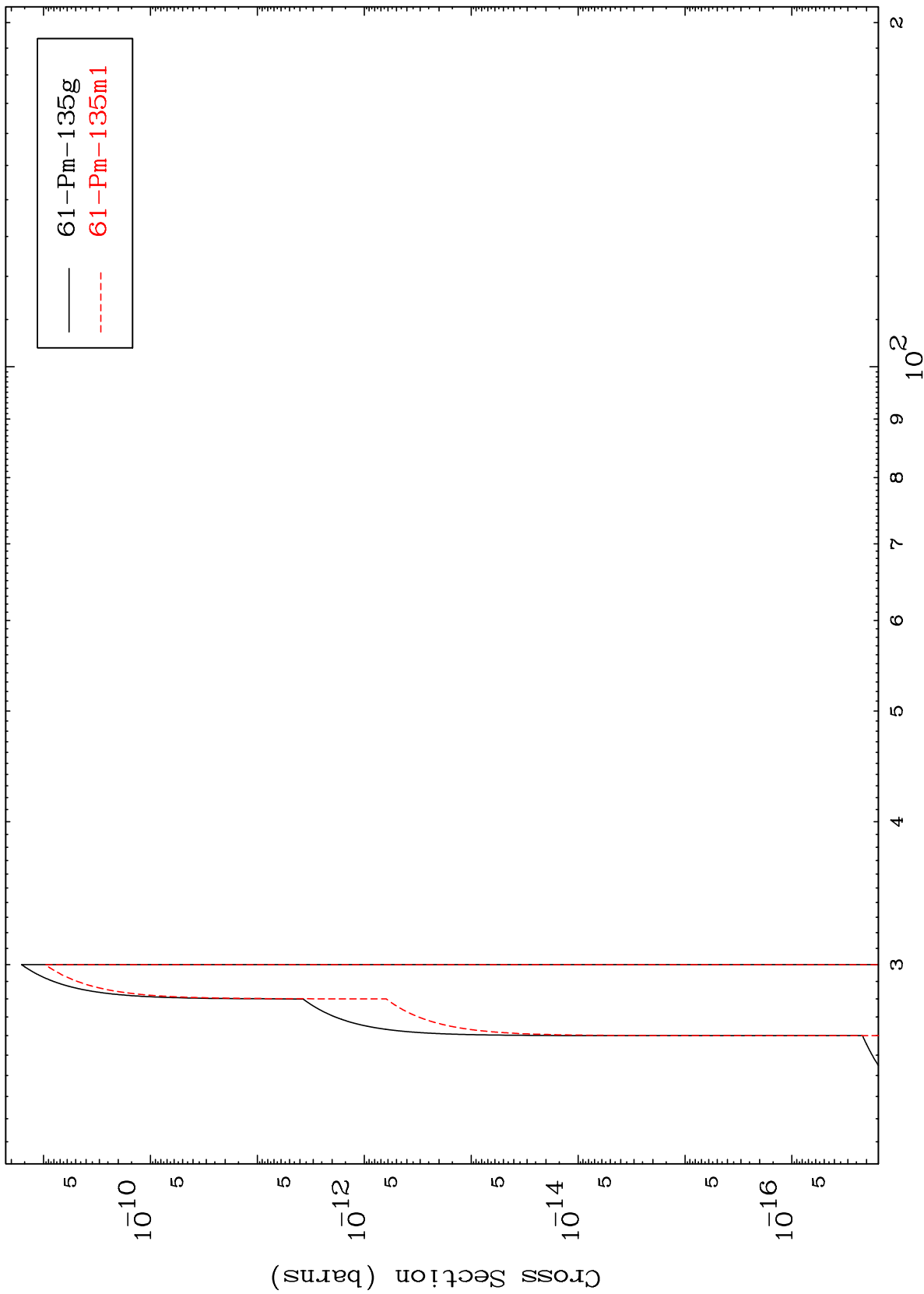


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(n,2n) α

61-Pm-137

Radionuclide Production Cross Section

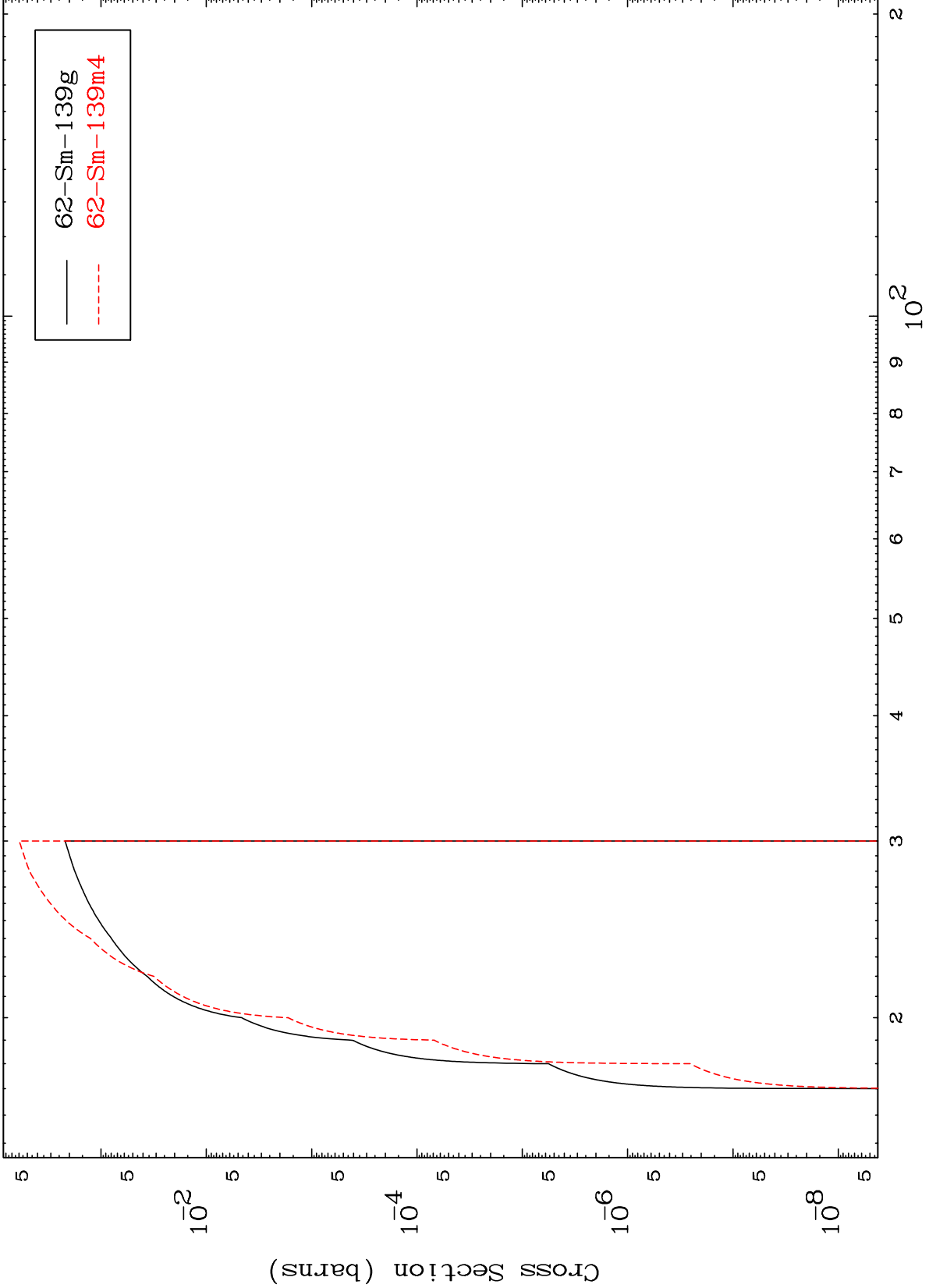


12

Incident Energy (MeV)

61-Pm-137

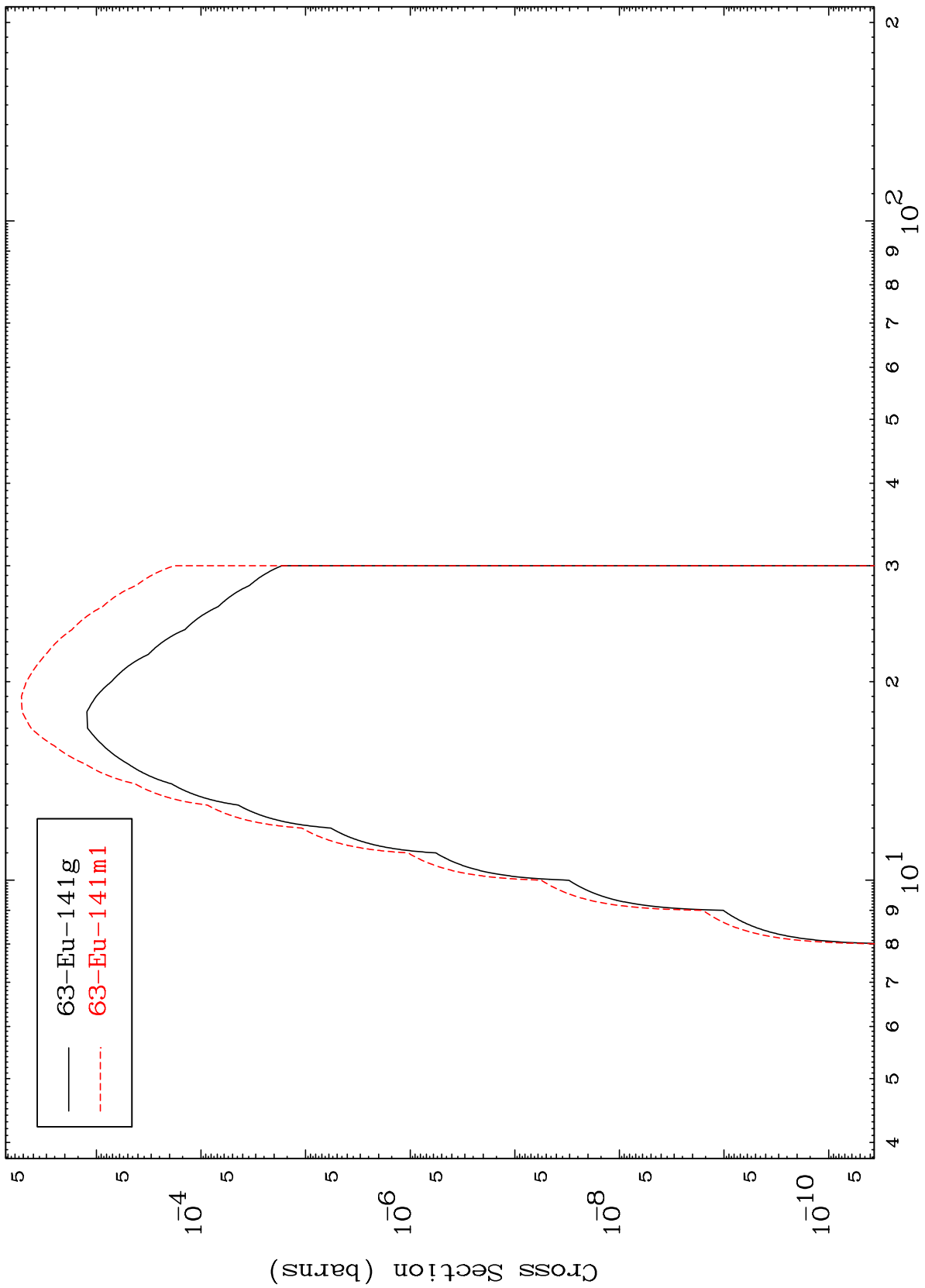
Radionuclide Production Cross Section



MAT 6119

61-Pm-137

(n,γ)
Radionuclide Production Cross Section



61-Pm-137

Incident Energy (MeV)

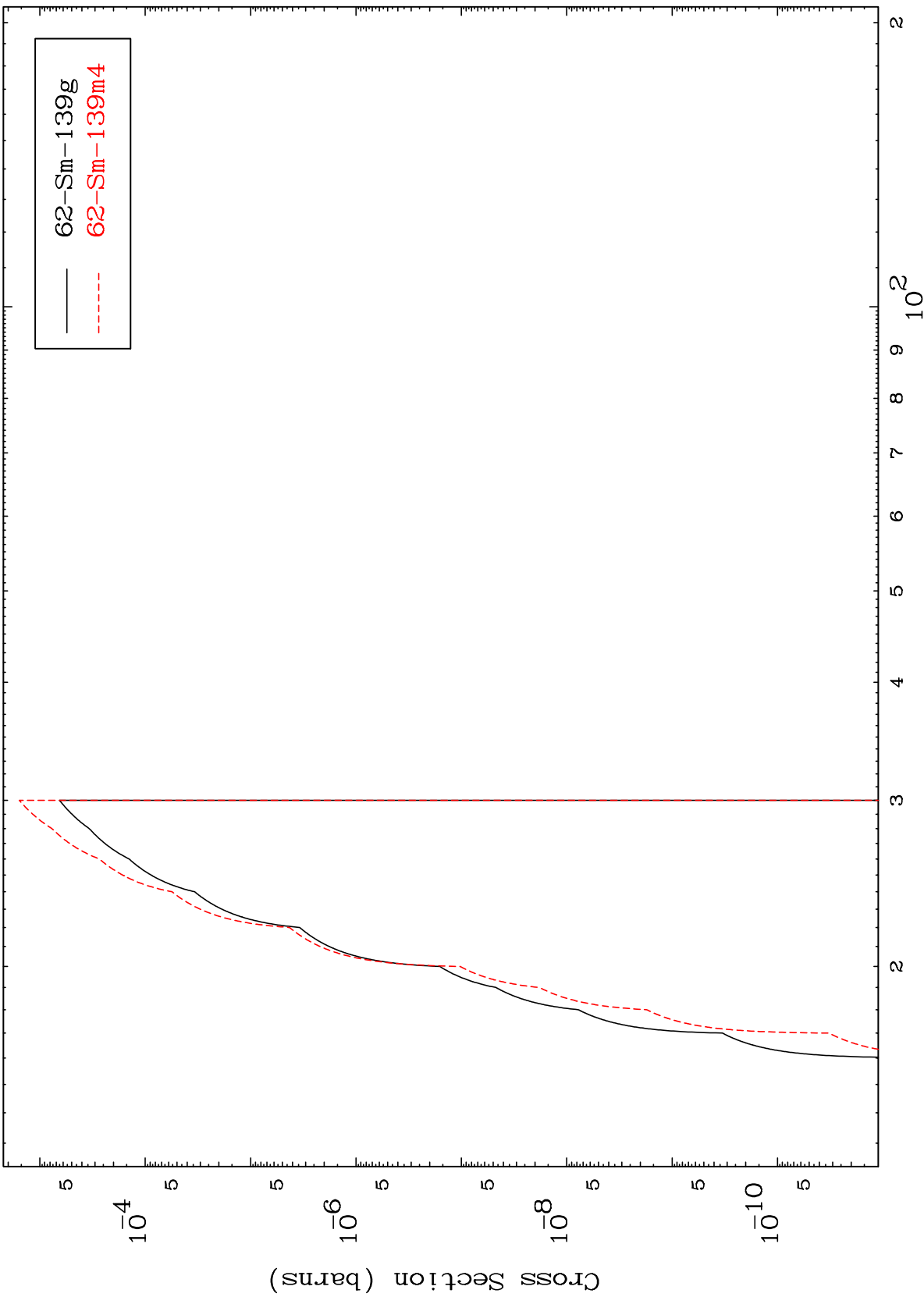
14

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(n,d)

61-Pm-137

Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

15

Incident Energy (MeV)

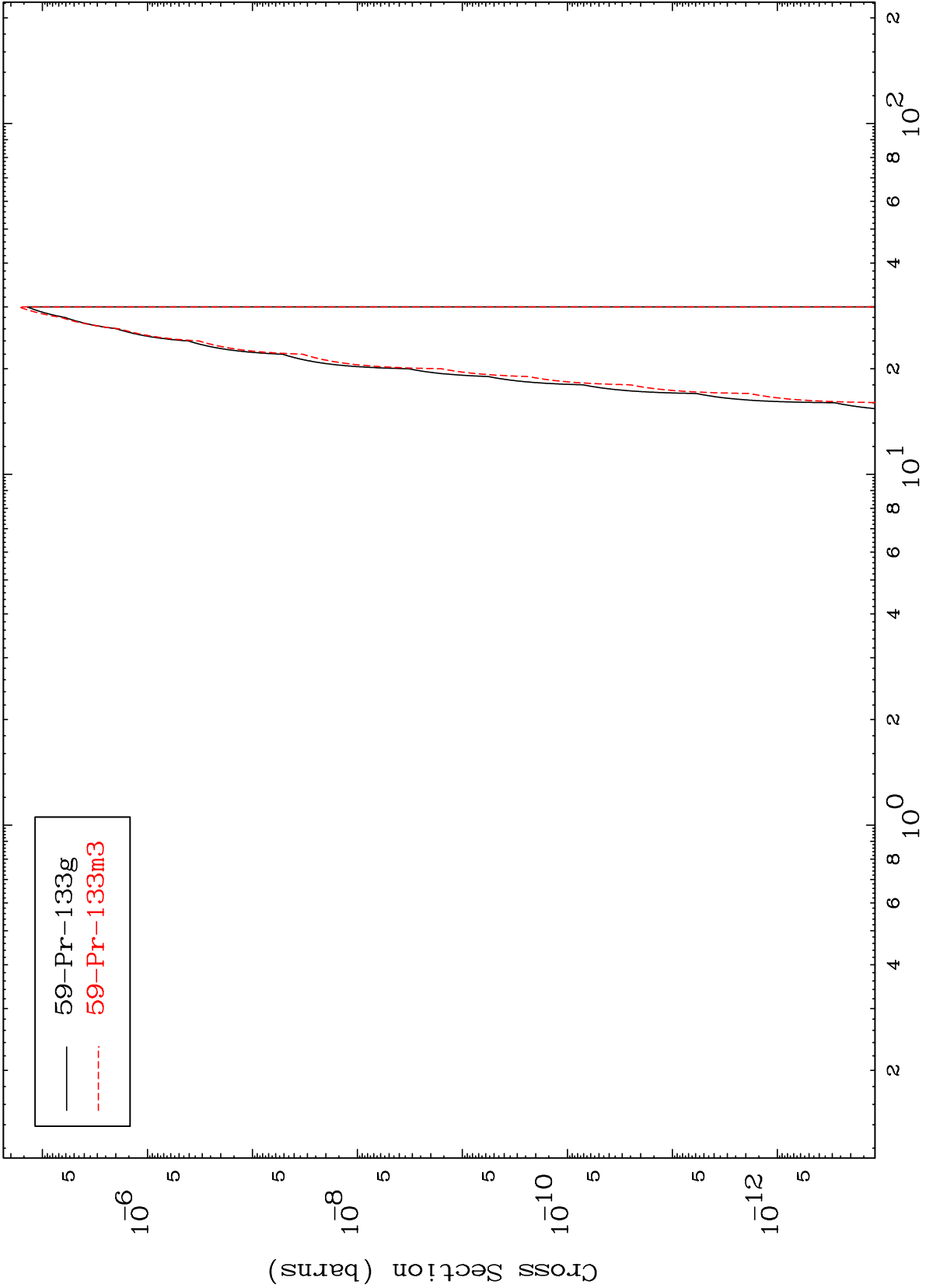
61-Pm-137

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(n,2α)

61-Pm-137

Radionuclide Production Cross Section



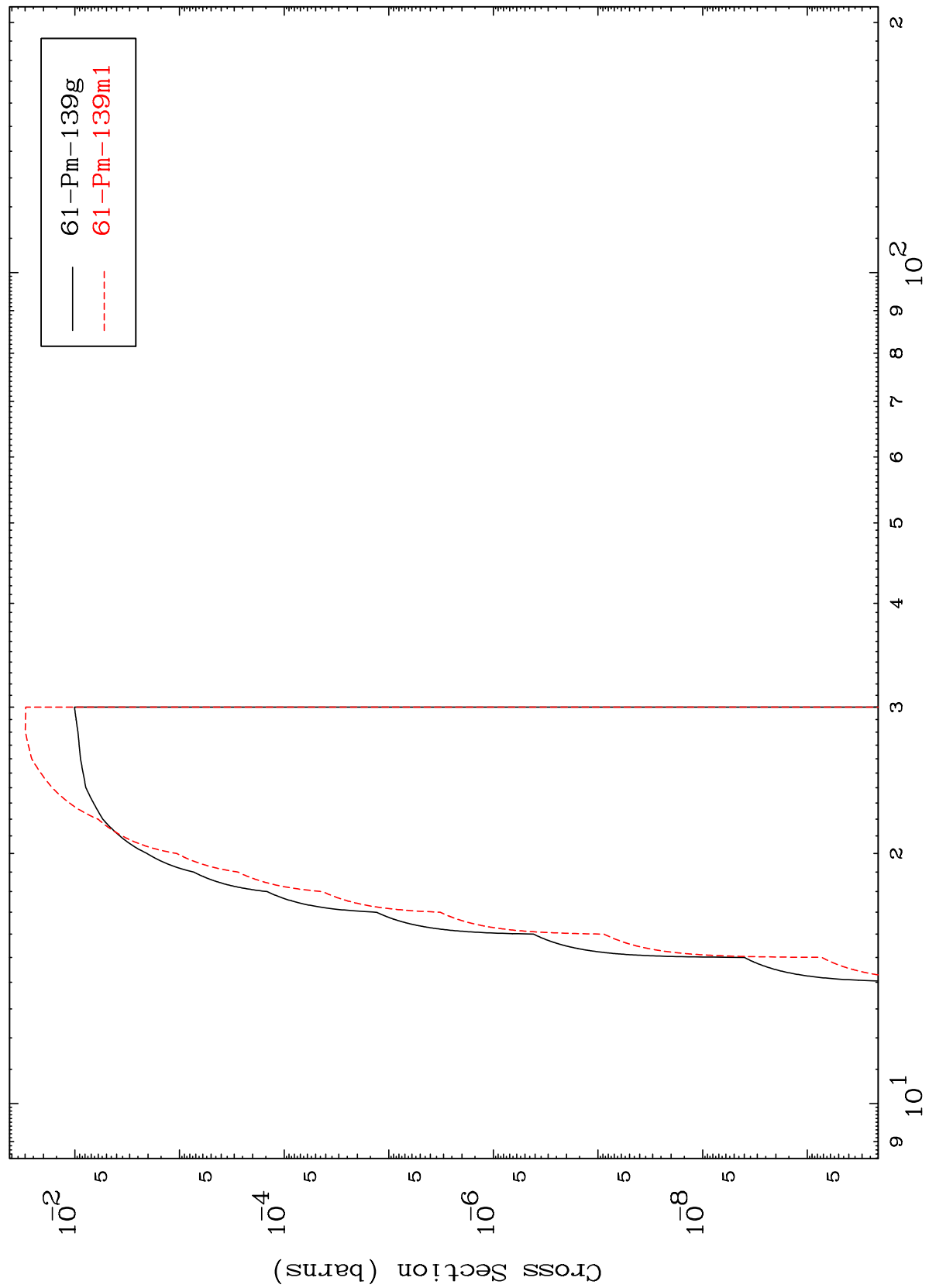
59-Pr-133g
59-Pr-133m3

MAT 6119

61-Pm-137

(n,2p)

Radionuclide Production Cross Section



61-Pm-137

Incident Energy (MeV)

17