

Program EVALPLOT
(Version 2018-1)

by

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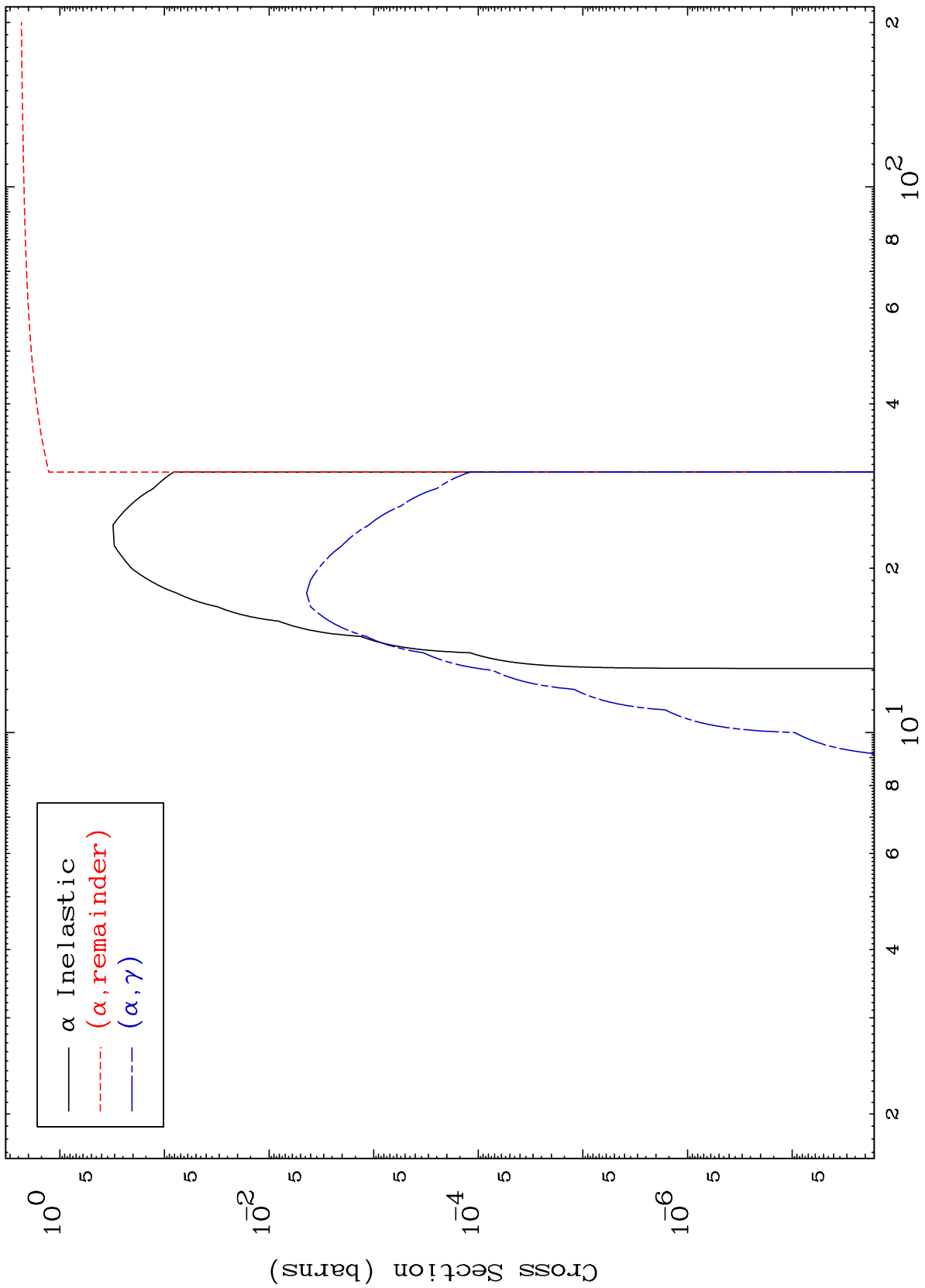
Press Mouse Button to Start

MAT 6119

α Major

61-Pm-137

0 Kelvin Cross Sections

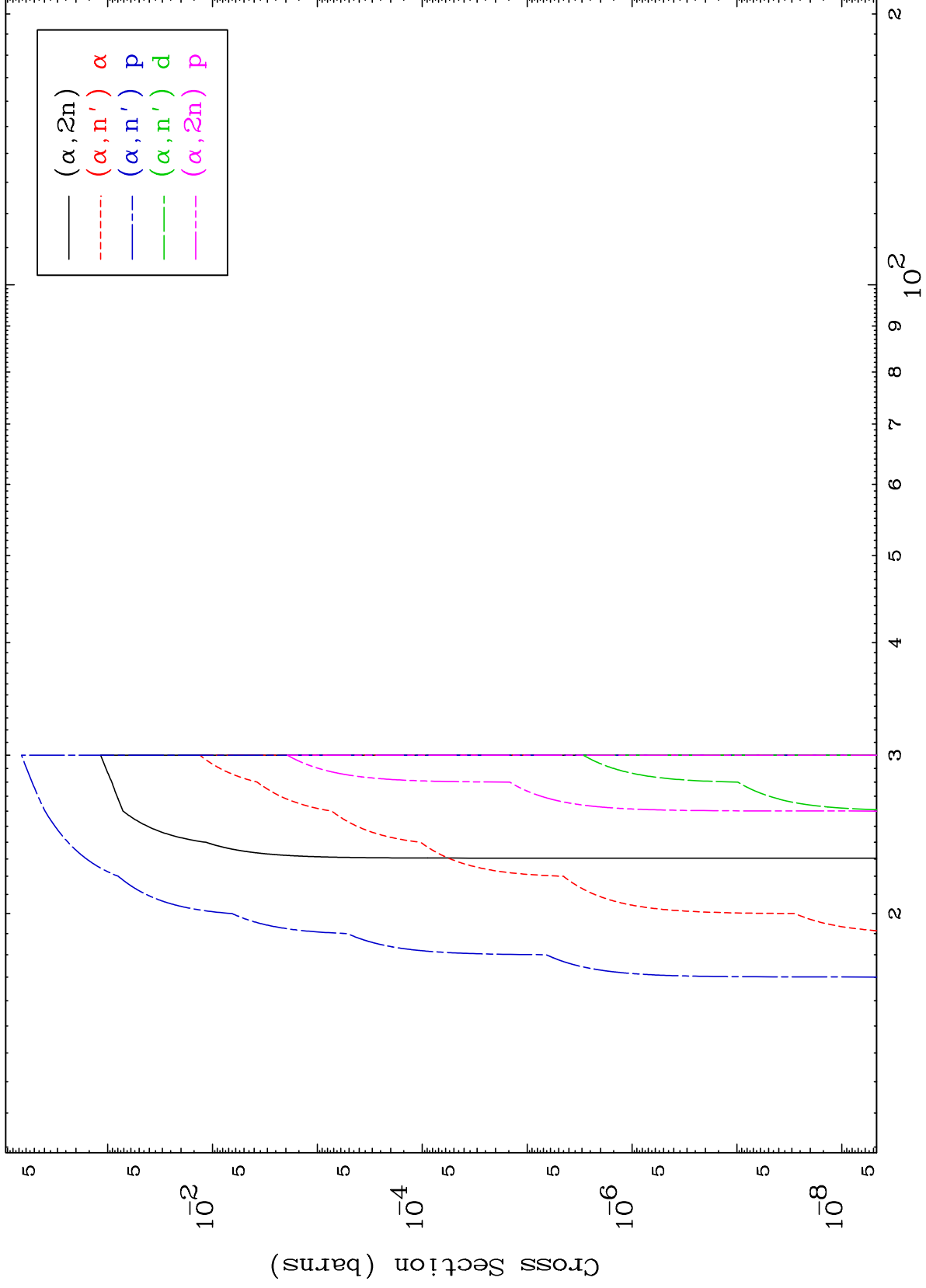


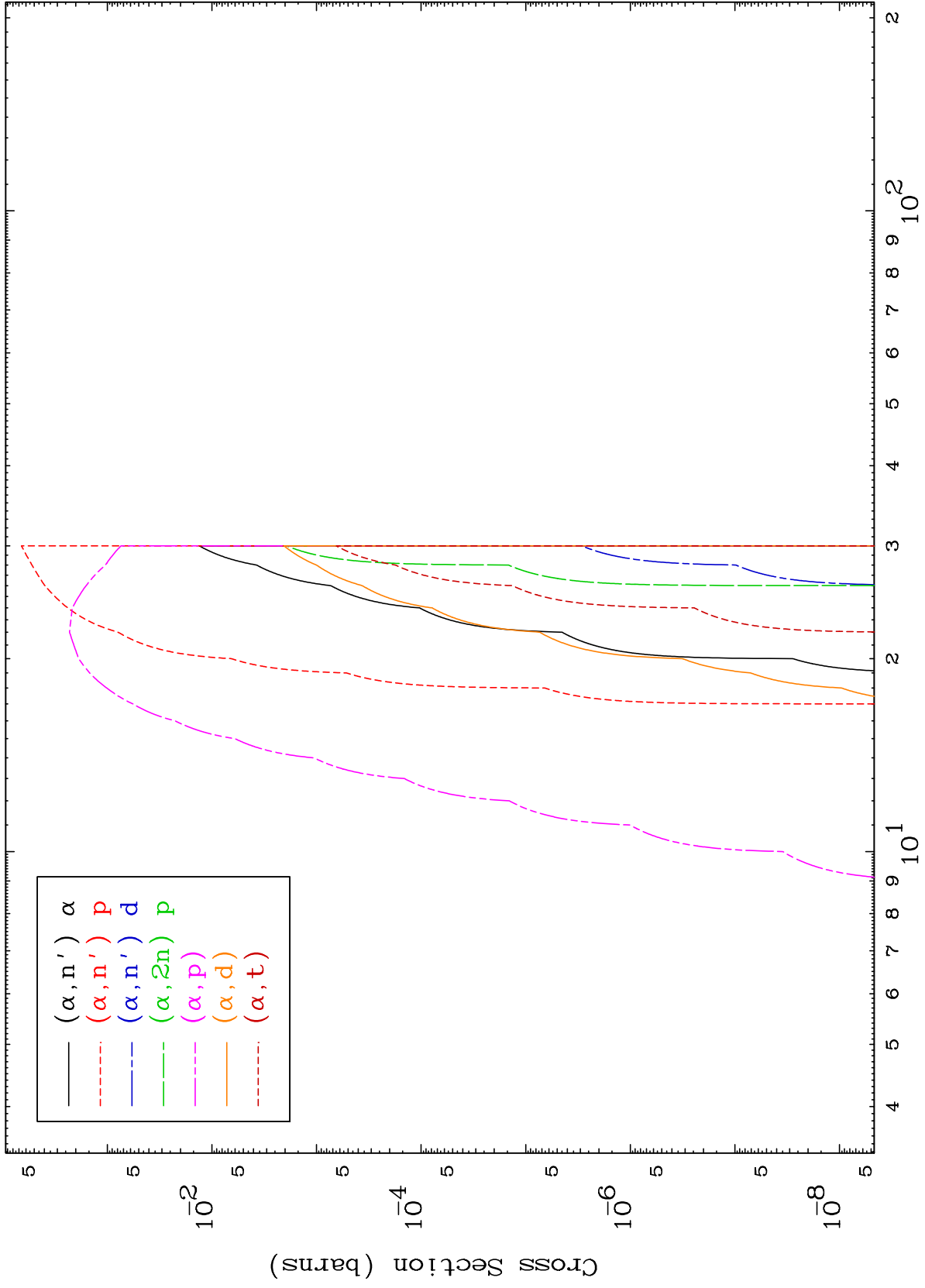
α Inelastic
(α , remainder)
(α , γ)

61-Pm-137

Incident Energy (MeV)

1

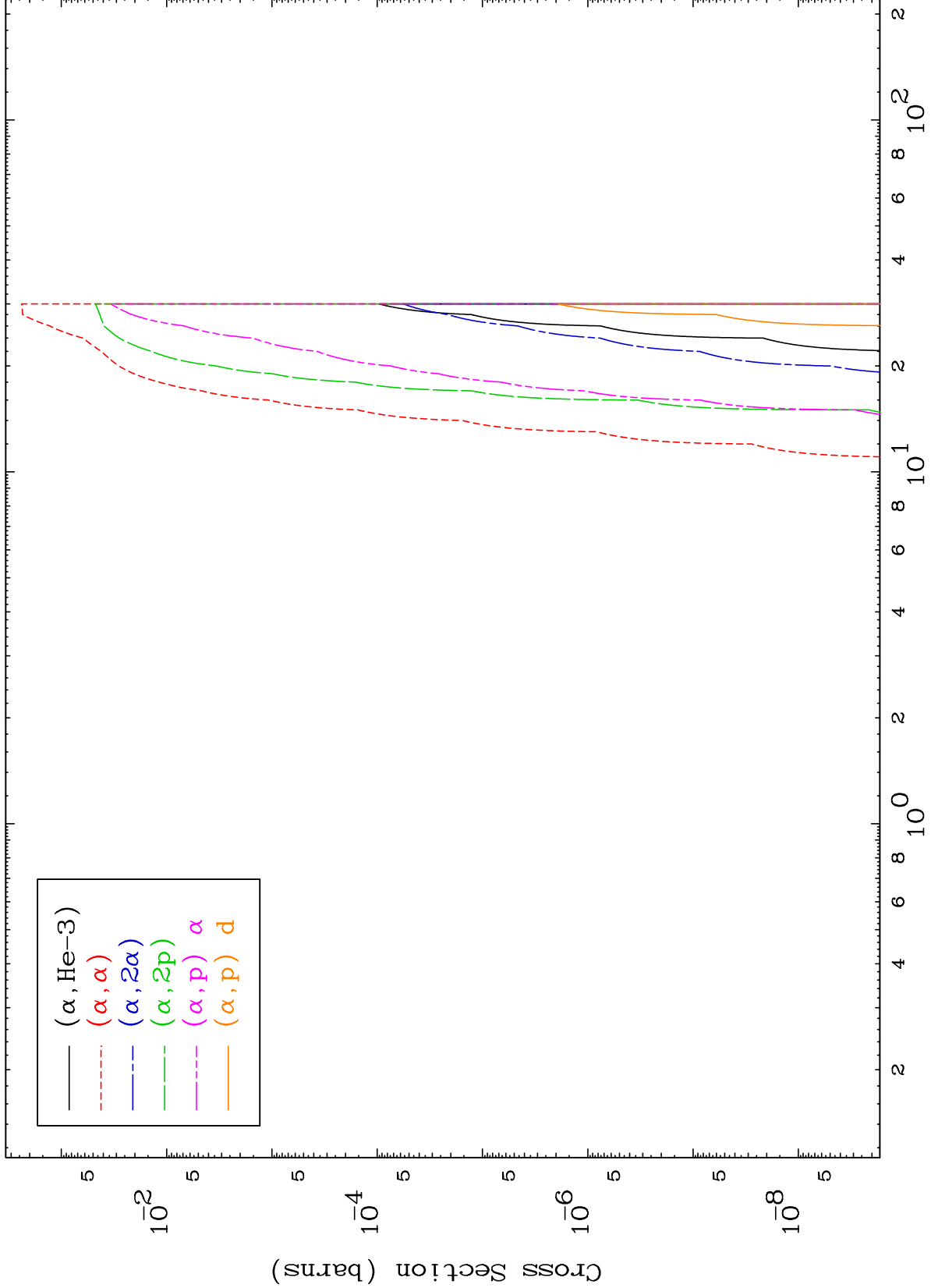




MAT 6119

α Charged Particle
0 Kelvin Cross Sections

61-Pm-137

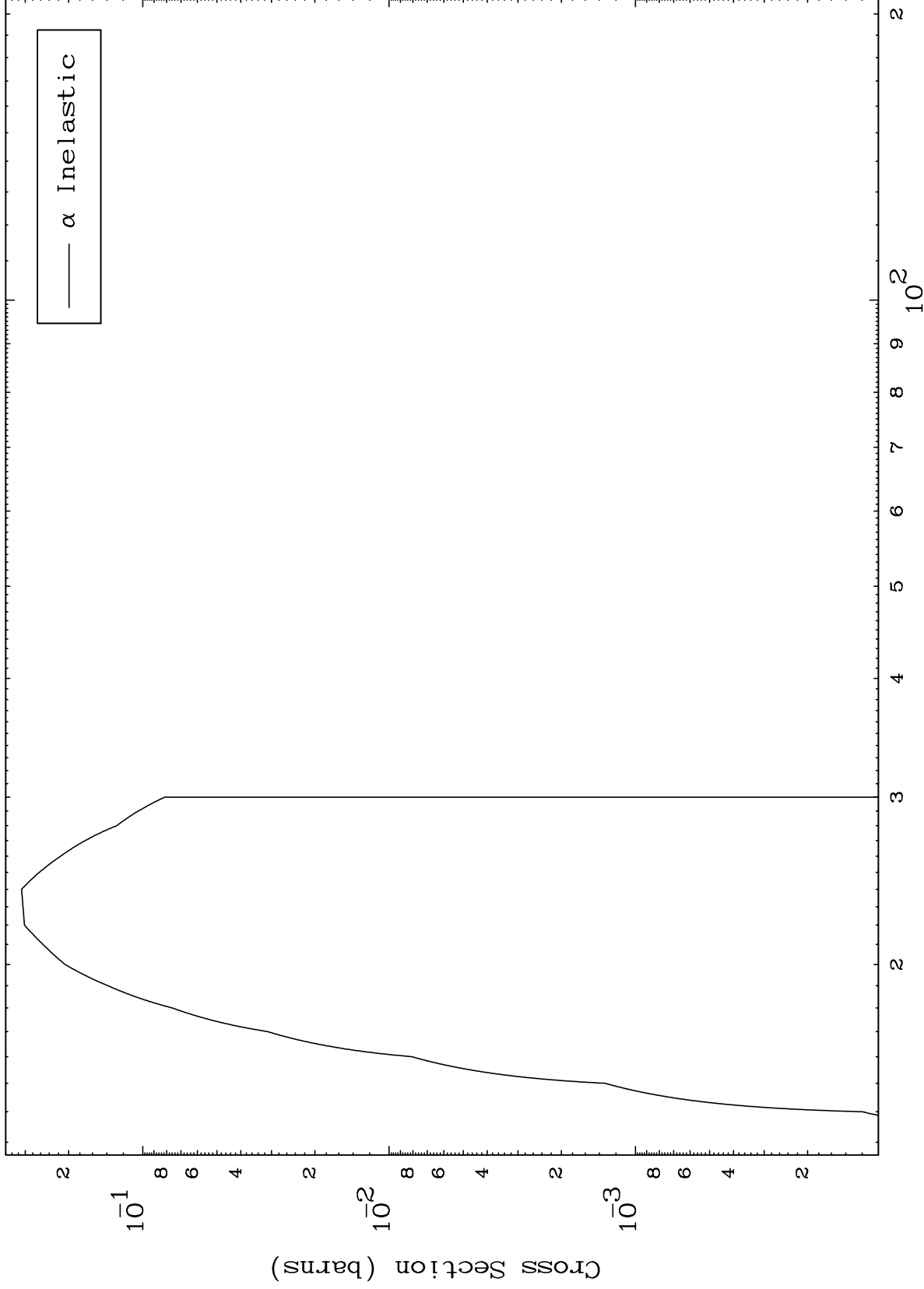


MAT 6119

(α, n') Level

61-Pm-137

0 Kelvin Cross Sections



5

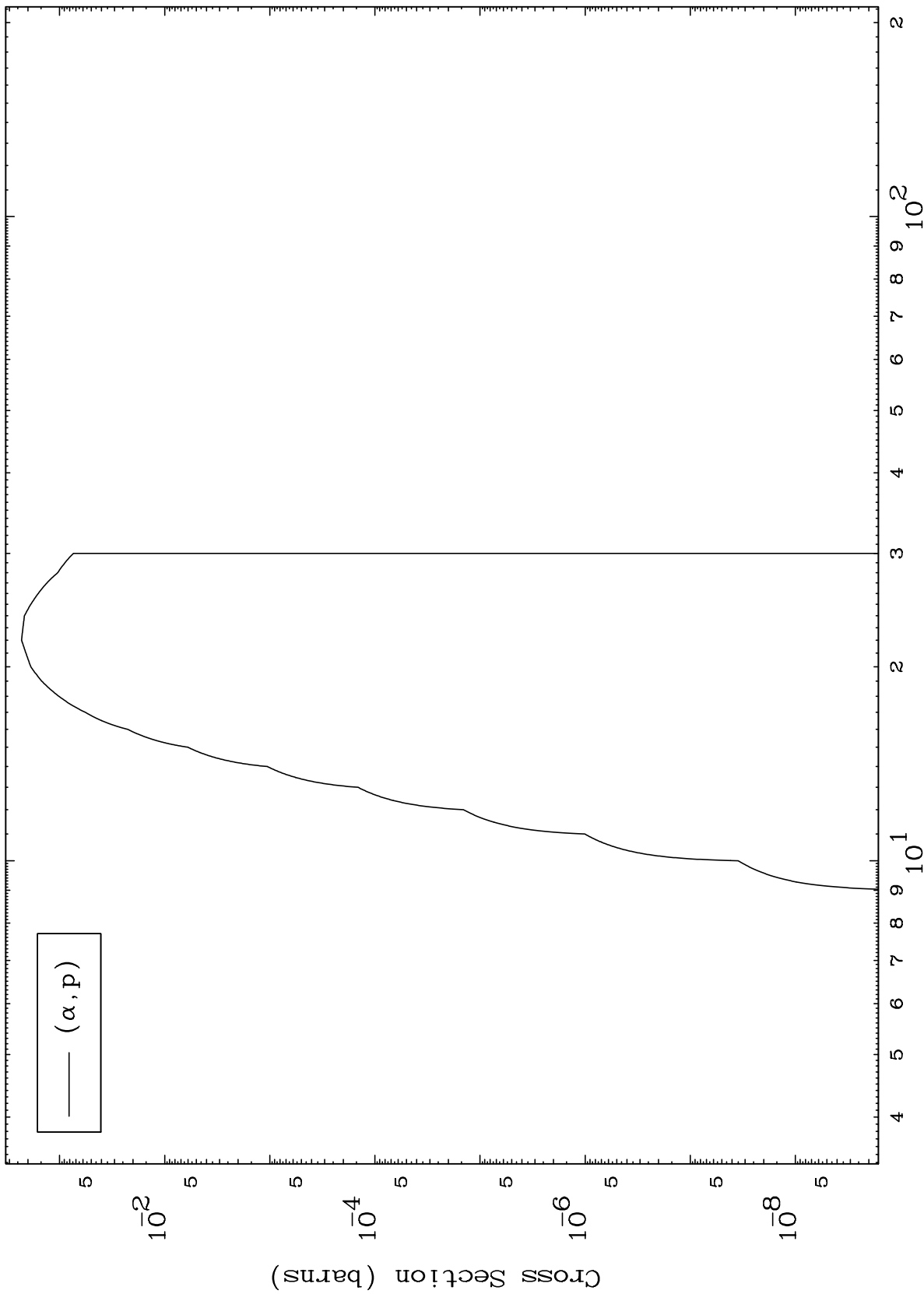
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

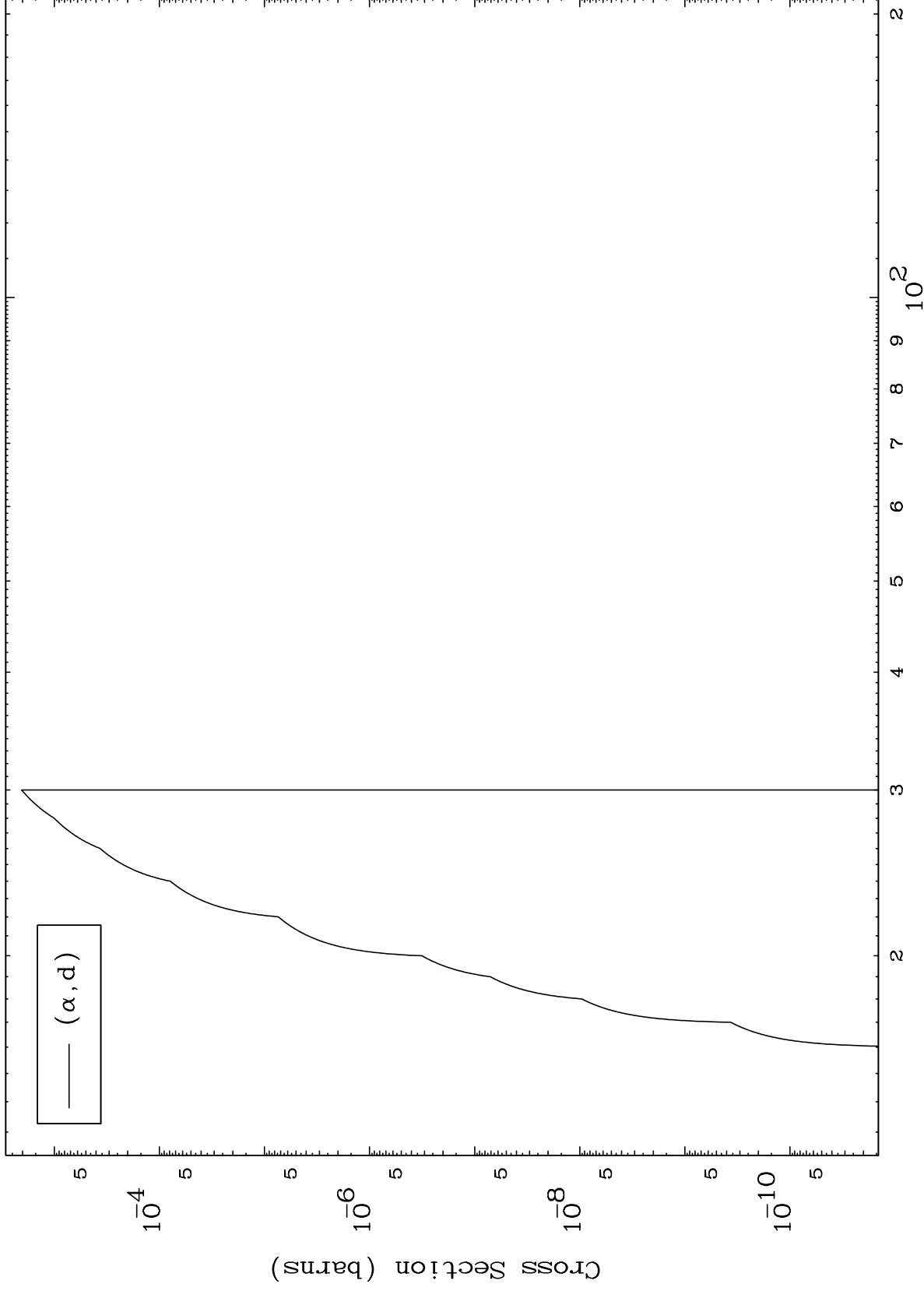
(α, p) Levels
0 Kelvin Cross Sections

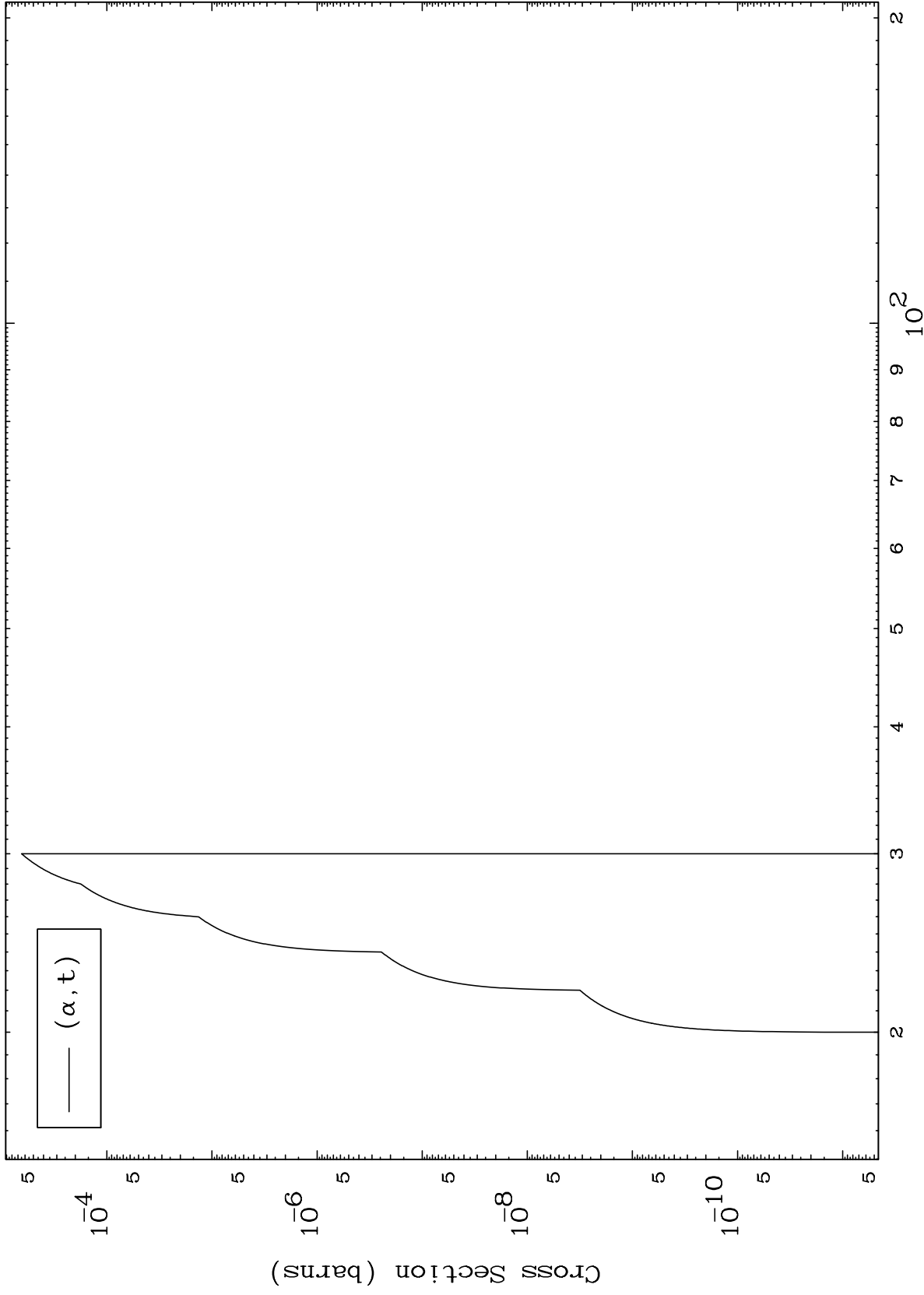


61-Pm-137

Incident Energy (MeV)

6

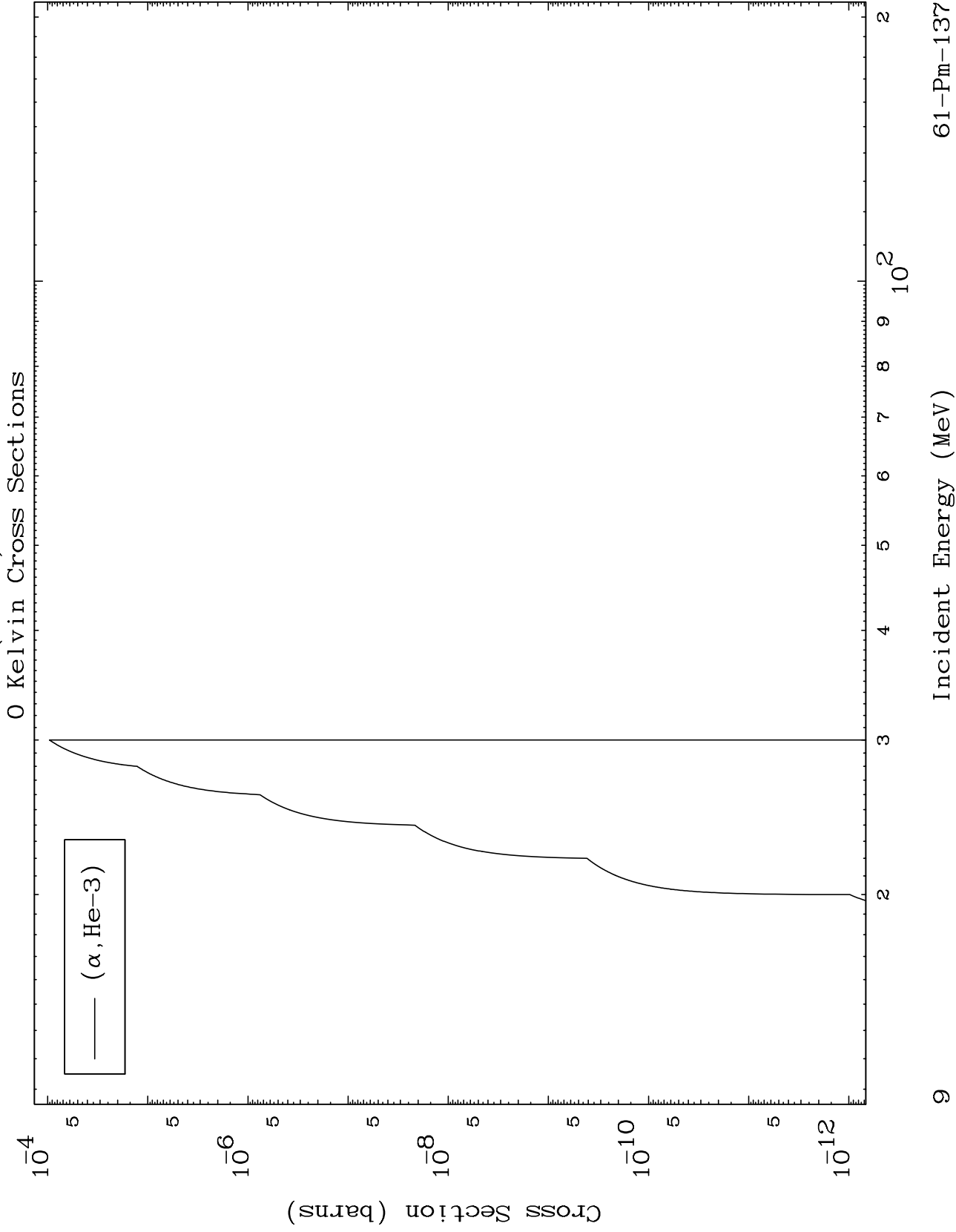




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(α , He3) Levels

61-Pm-137

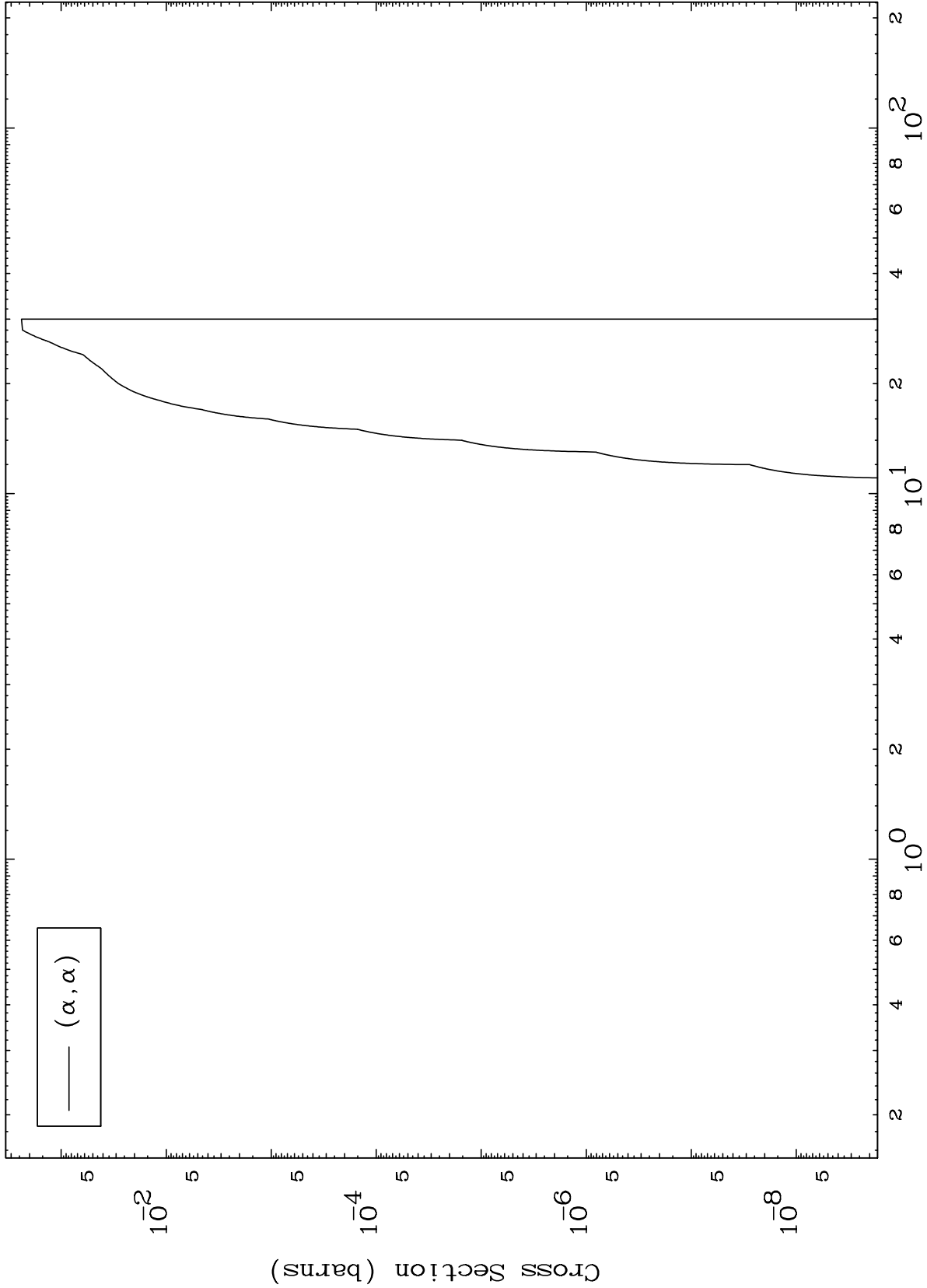


MAT 6119

(α, α) Levels

61-Pm-137

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

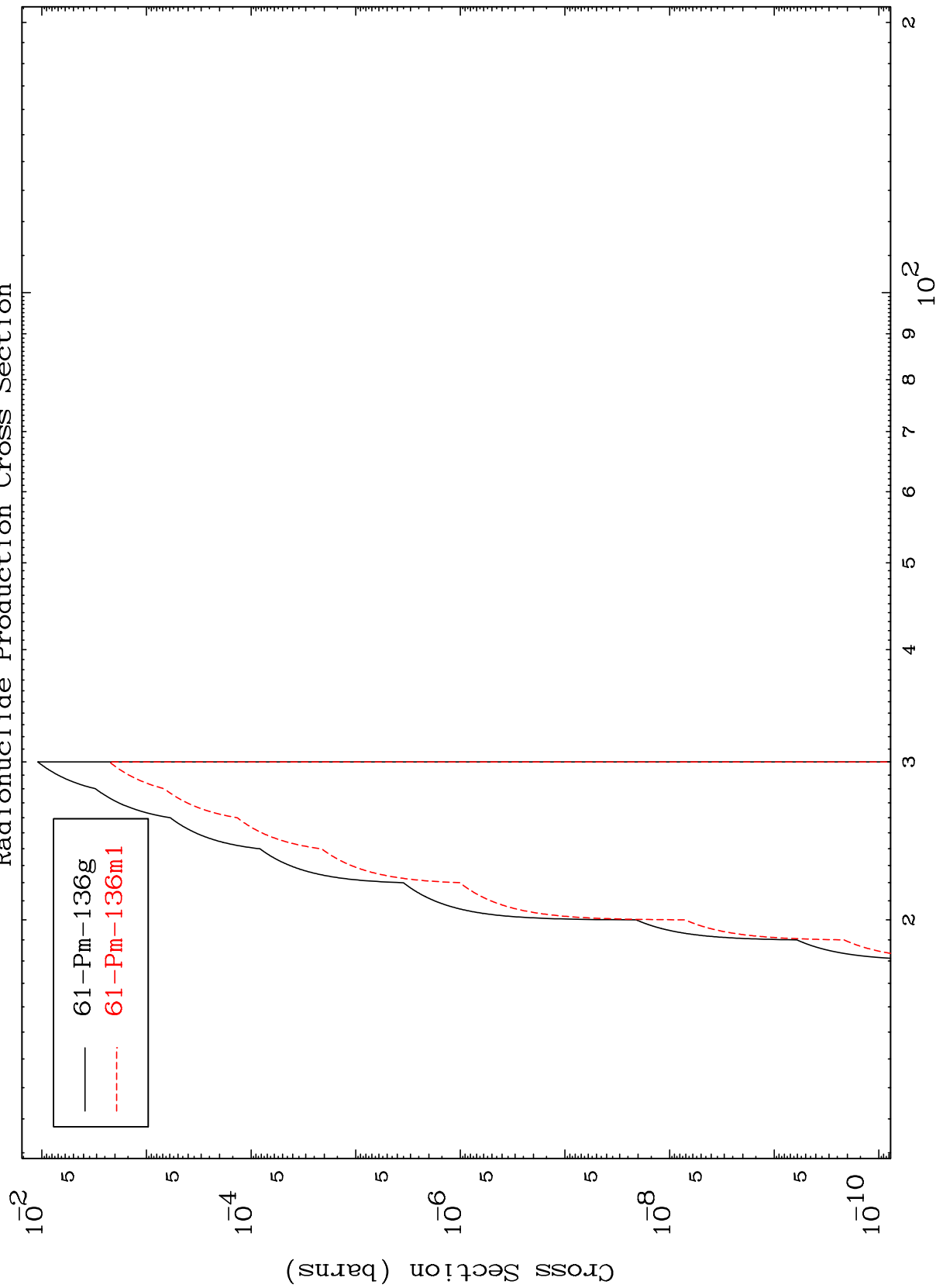
61-Pm-137

MAT 6119

61-Pm-137

(α, n') α

Radionuclide Production Cross Section



Incident Energy (MeV)

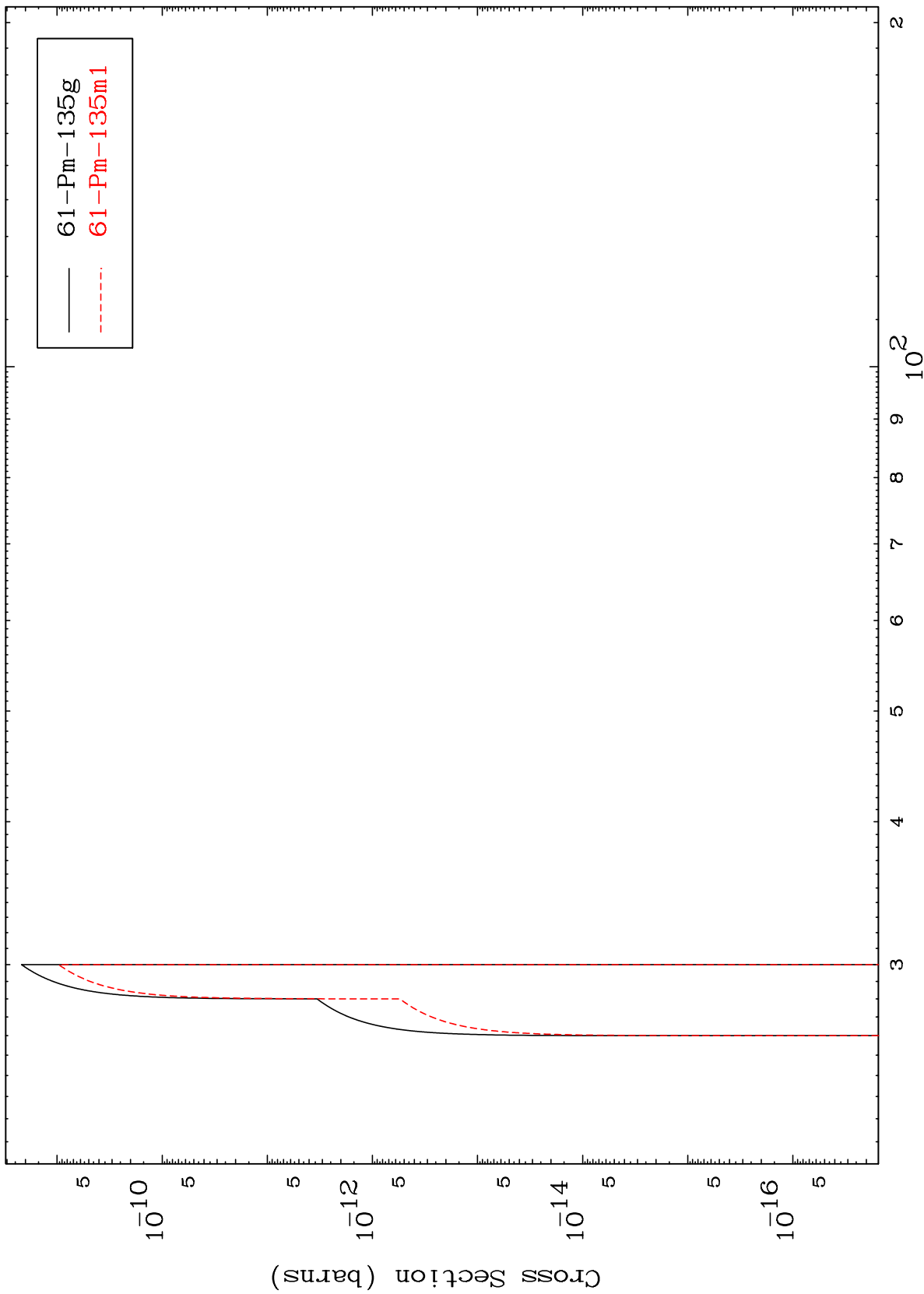
61-Pm-137

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$(\alpha, 2n)$ α

61-Pm-137

Radionuclide Production Cross Section



12

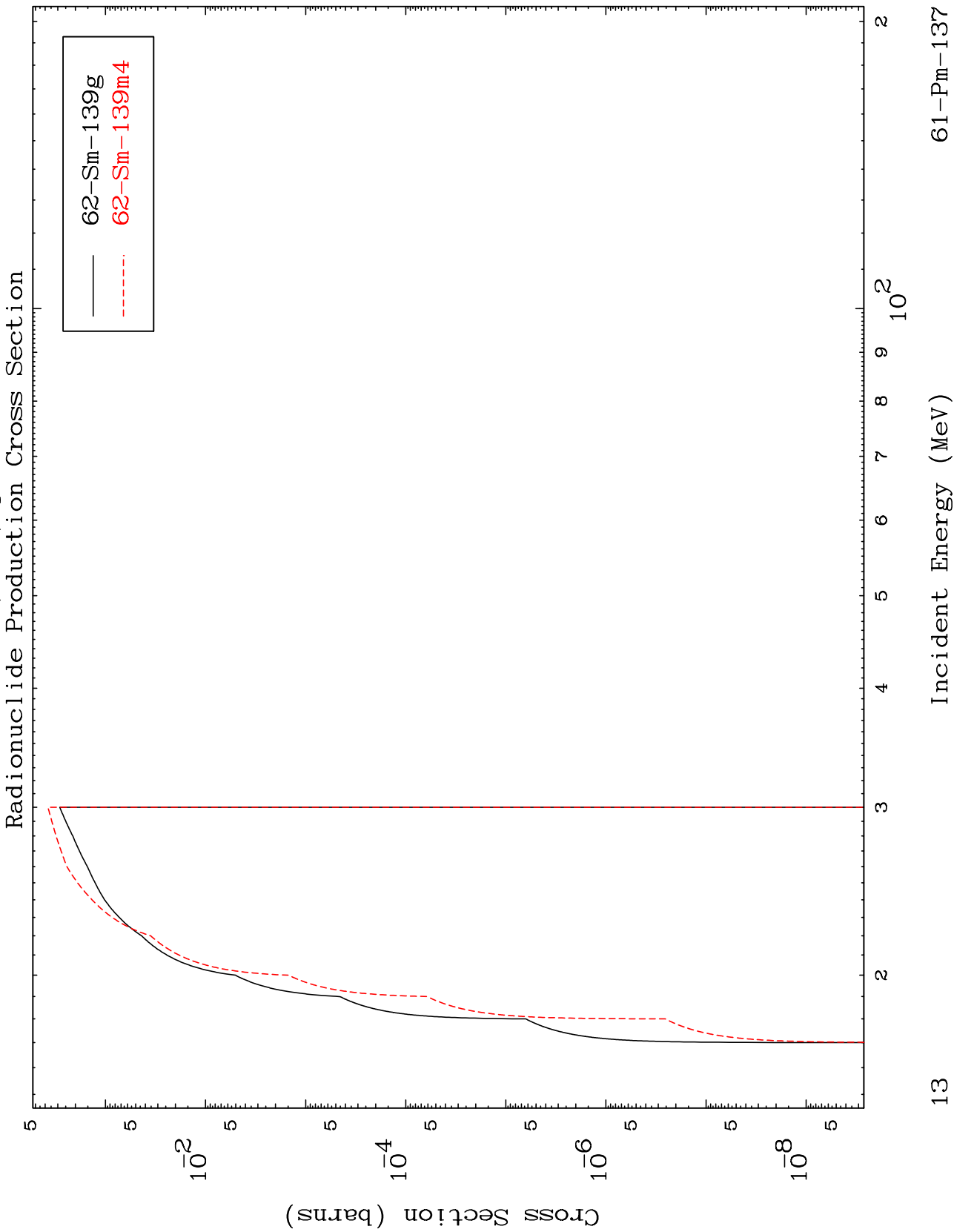
Incident Energy (MeV)

61-Pm-137

MAT 6119

(α, n') p

61-Pm-137



13

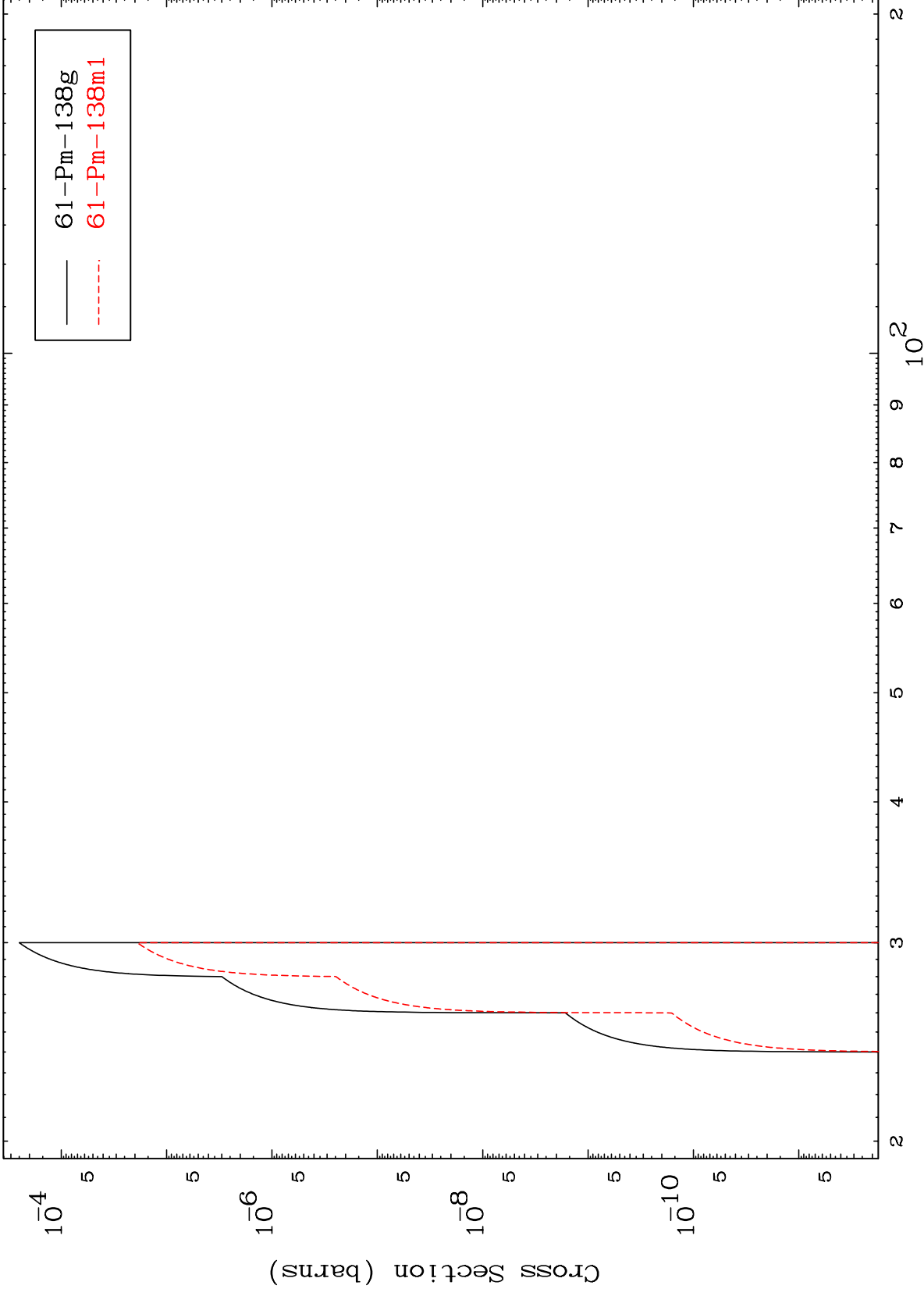
61-Pm-137

MAT 6119

$(\alpha, 2n)$ p

61-Pm-137

Radionuclide Production Cross Section



14

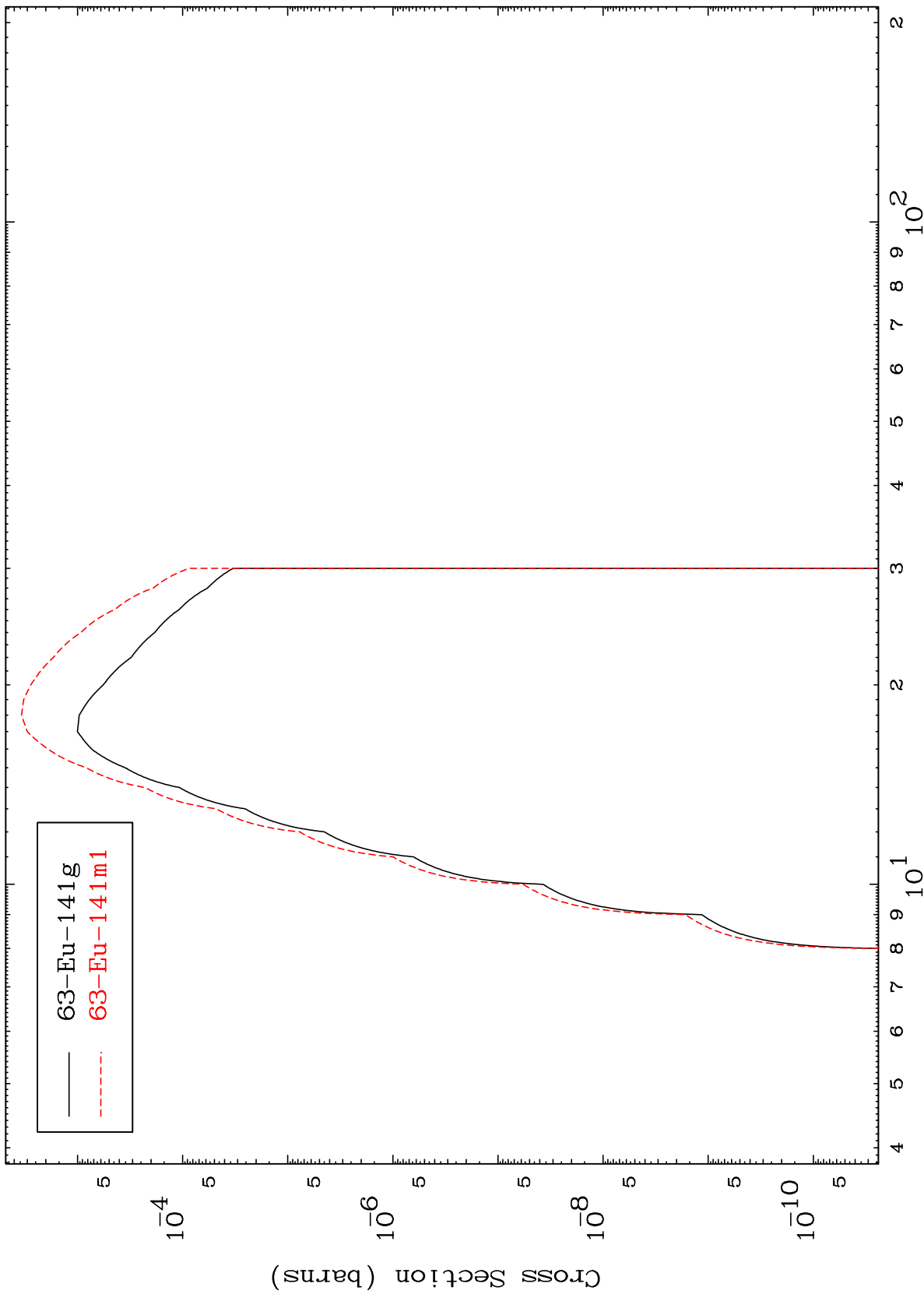
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

Radionuclide Production Cross Section
(α, γ)



61-Pm-137

Incident Energy (MeV)

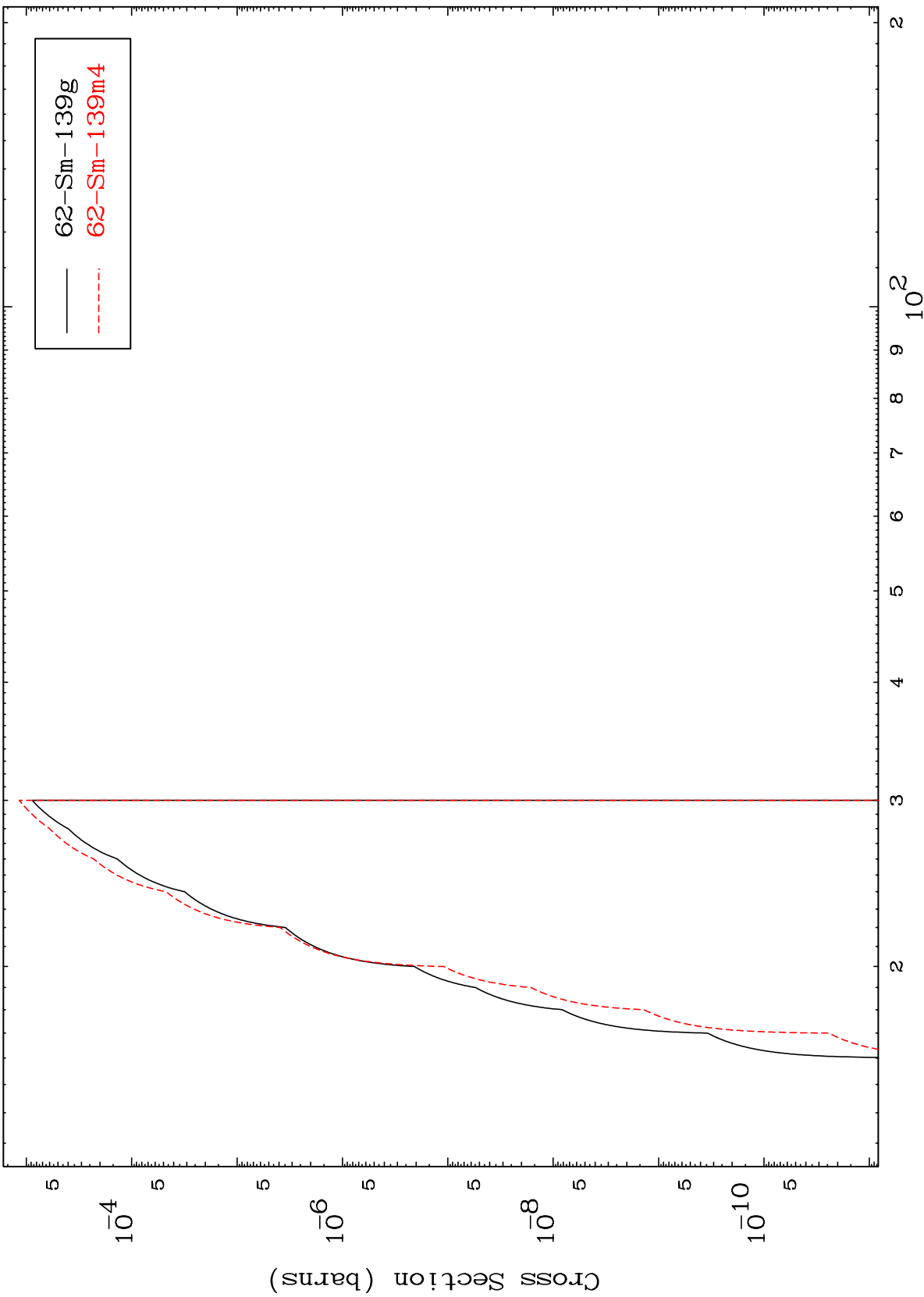
15

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(α, d)

61-Pm-137

Radionuclide Production Cross Section



16

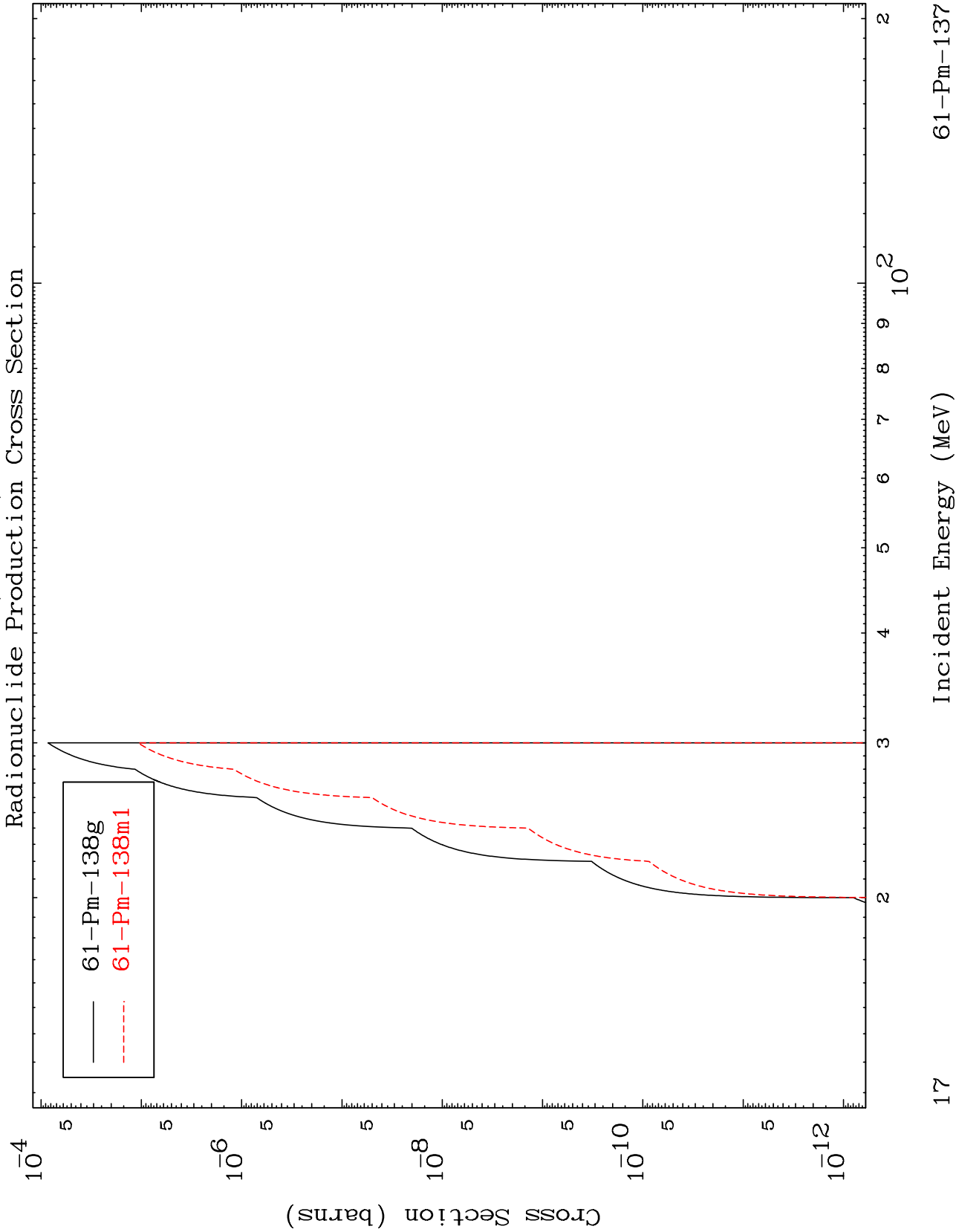
Incident Energy (MeV)

61-Pm-137

MAT 6119

(α ,He-3)

61-Pm-137

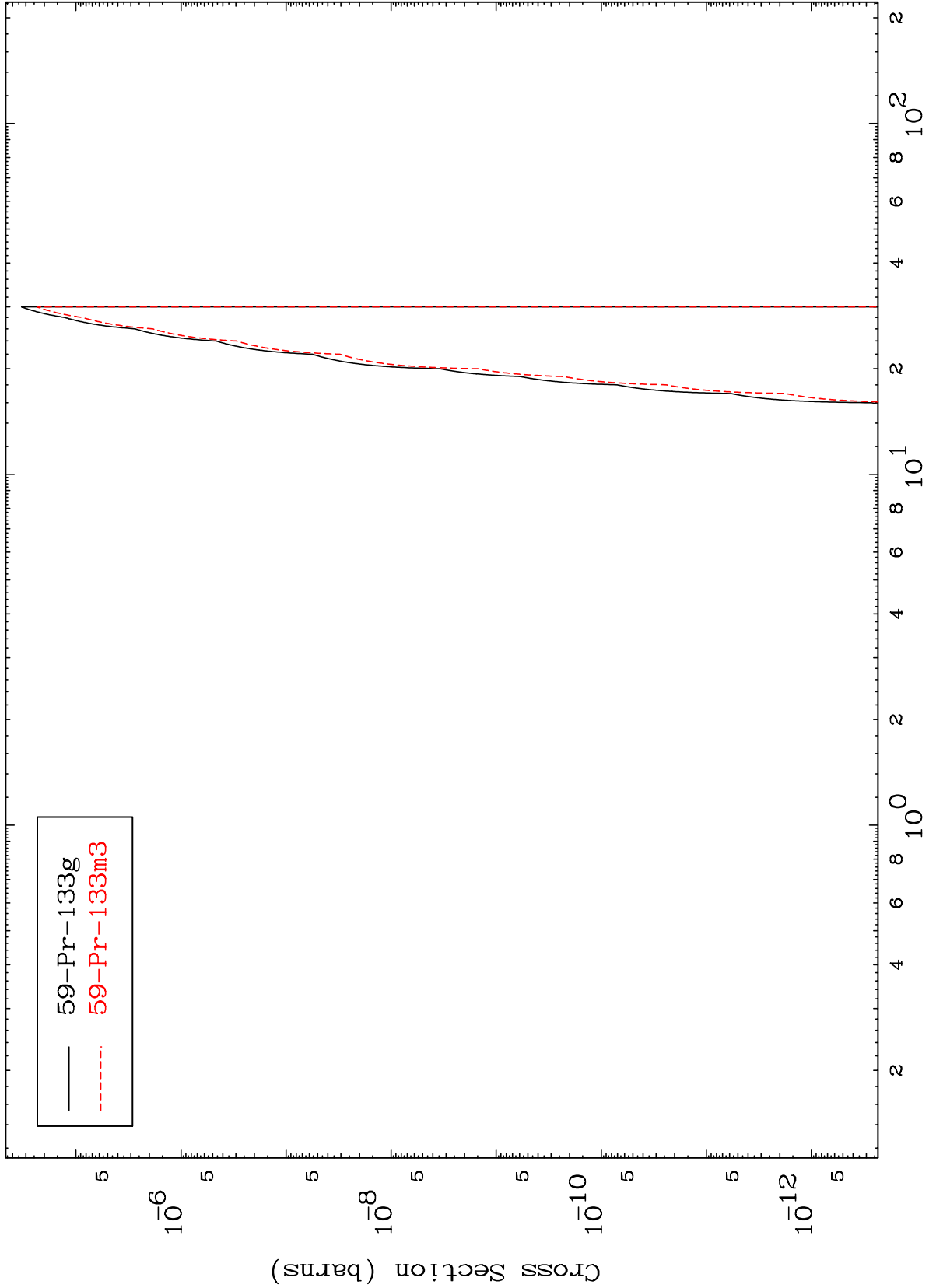


MAT 6119

($\alpha, 2\alpha$)

61-Pm-137

Radionuclide Production Cross Section

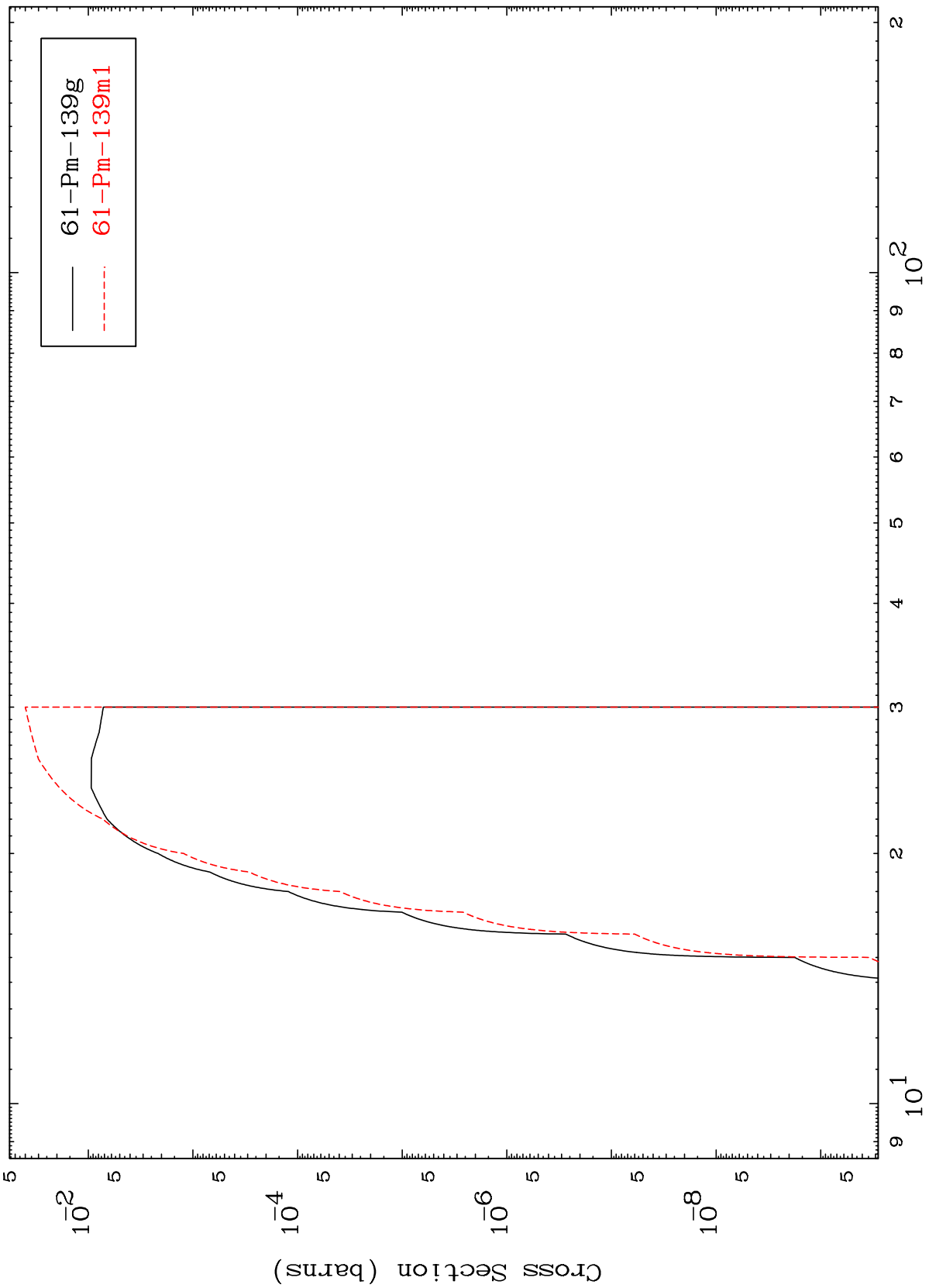


MAT 6119

61-Pm-137

($\alpha, 2p$)

Radionuclide Production Cross Section



61-Pm-137

Incident Energy (MeV)

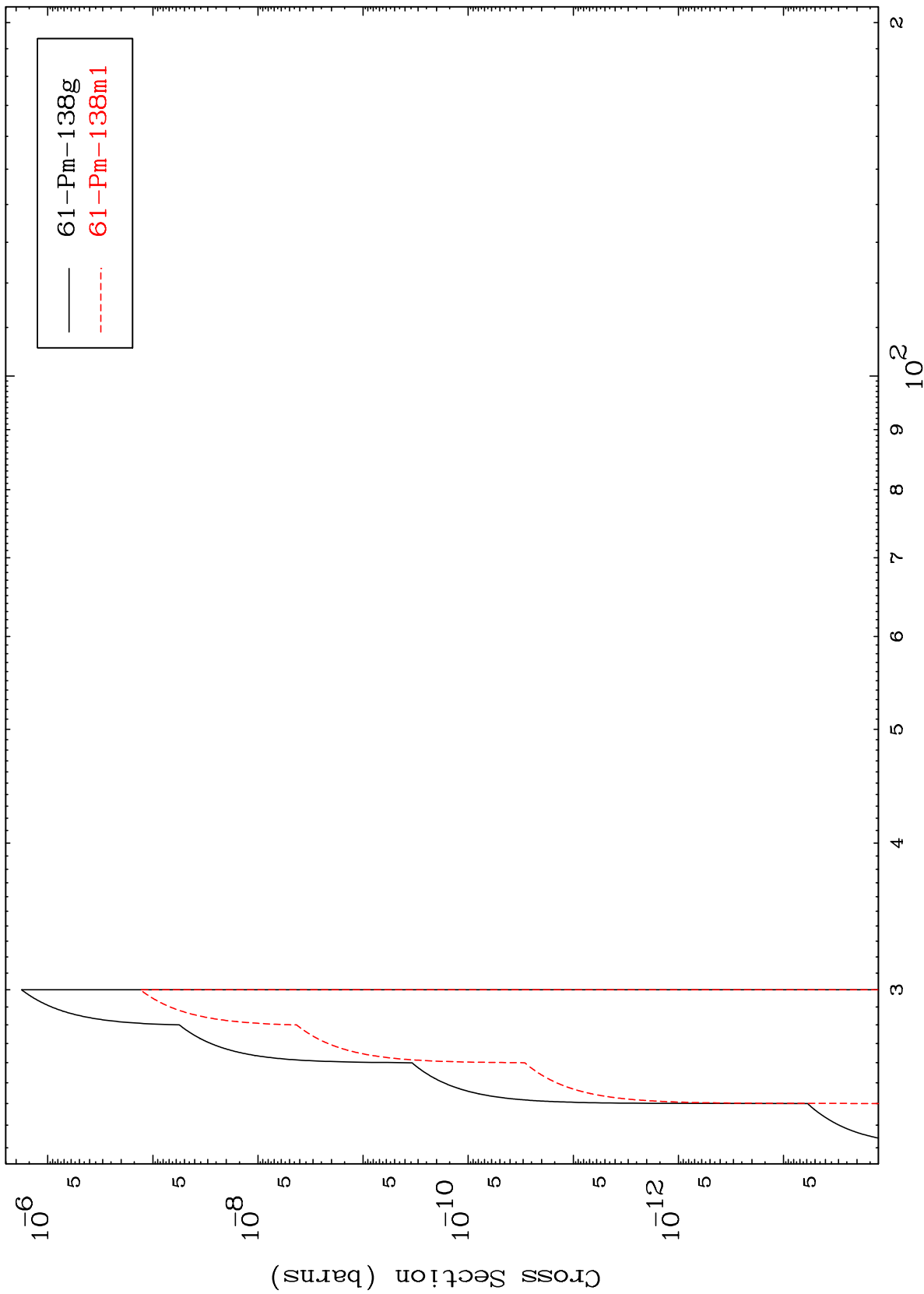
19

MAT 6119

(α, p) d

61-Pm-137

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

20

Incident Energy (MeV)

61-Pm-137