

Program EVALPLOT
(Version 2018-1)

by

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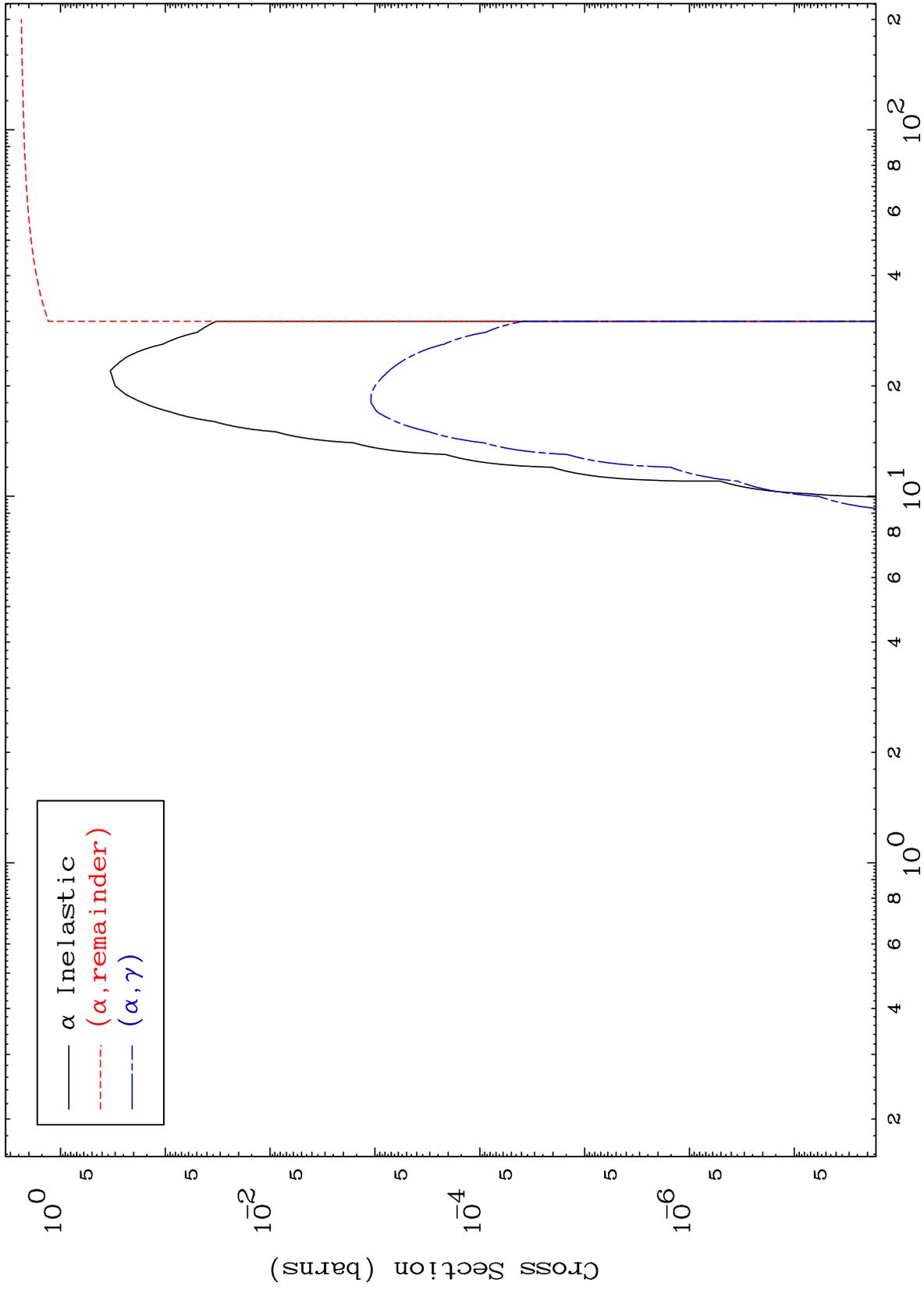
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6128

0 Kelvin α Major
Cross Sections

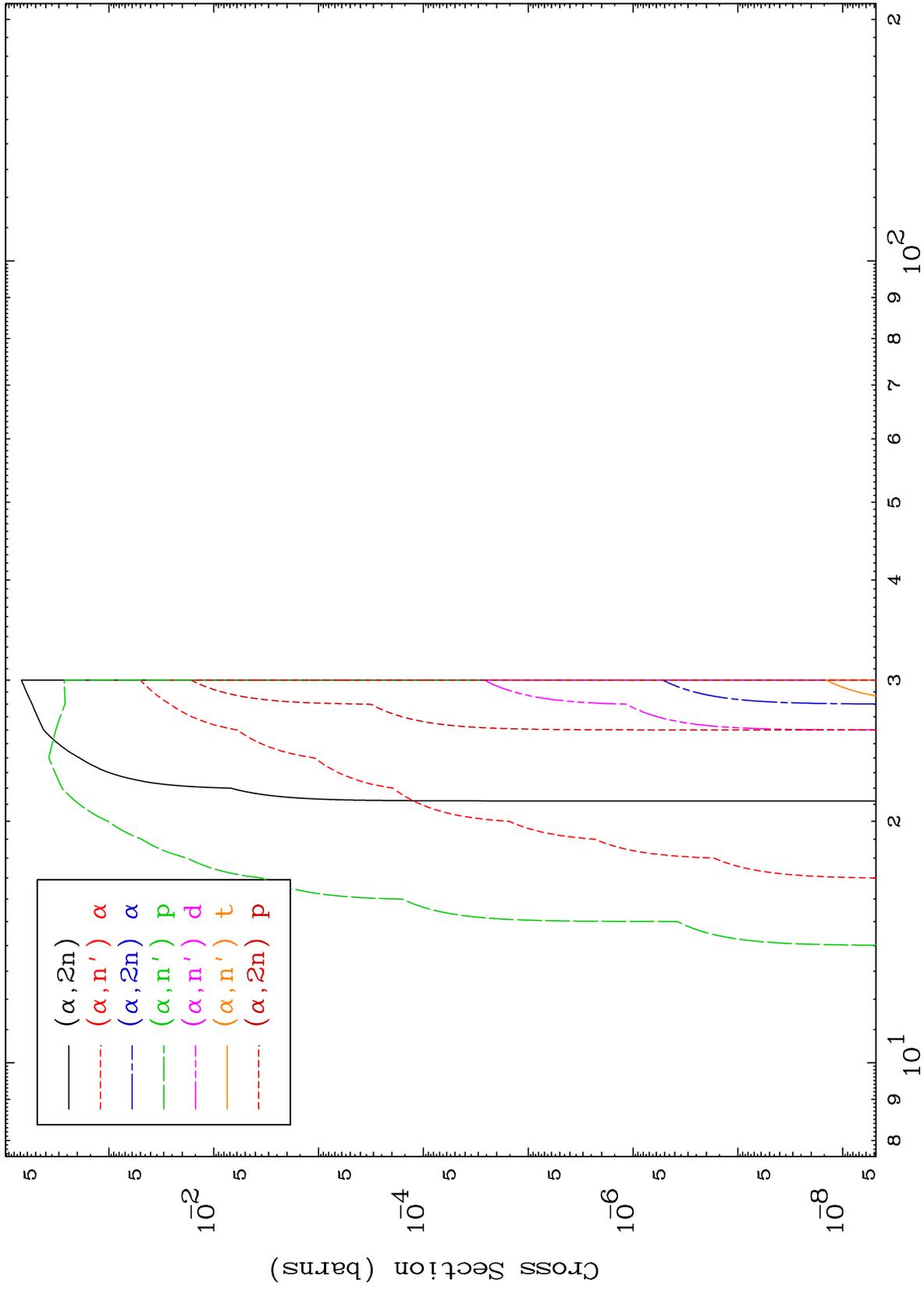
61-Pm-140



MAT 6128

α Neutron Production
0 Kelvin Cross Sections

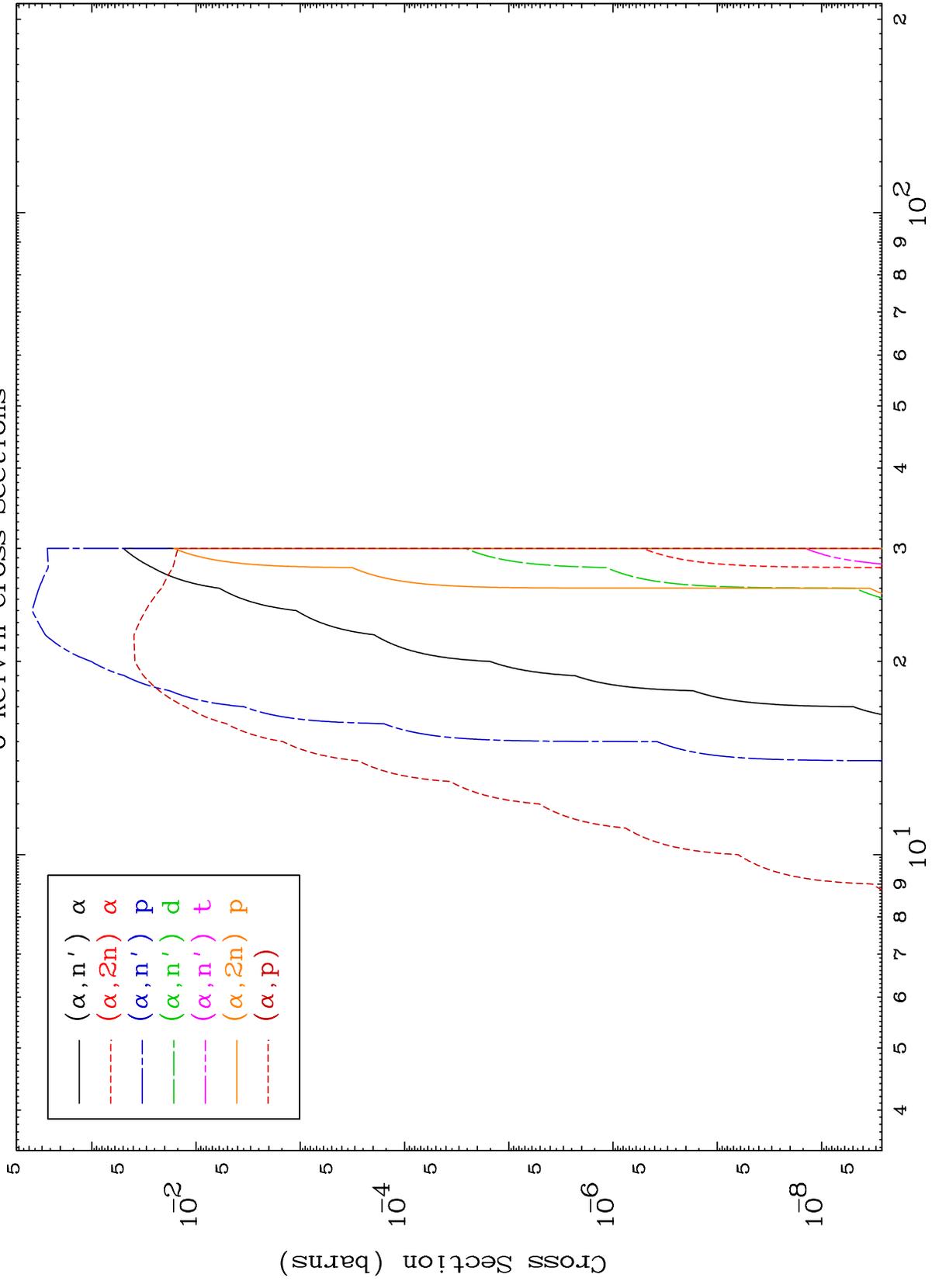
61-Pm-140



2

Incident Energy (MeV)

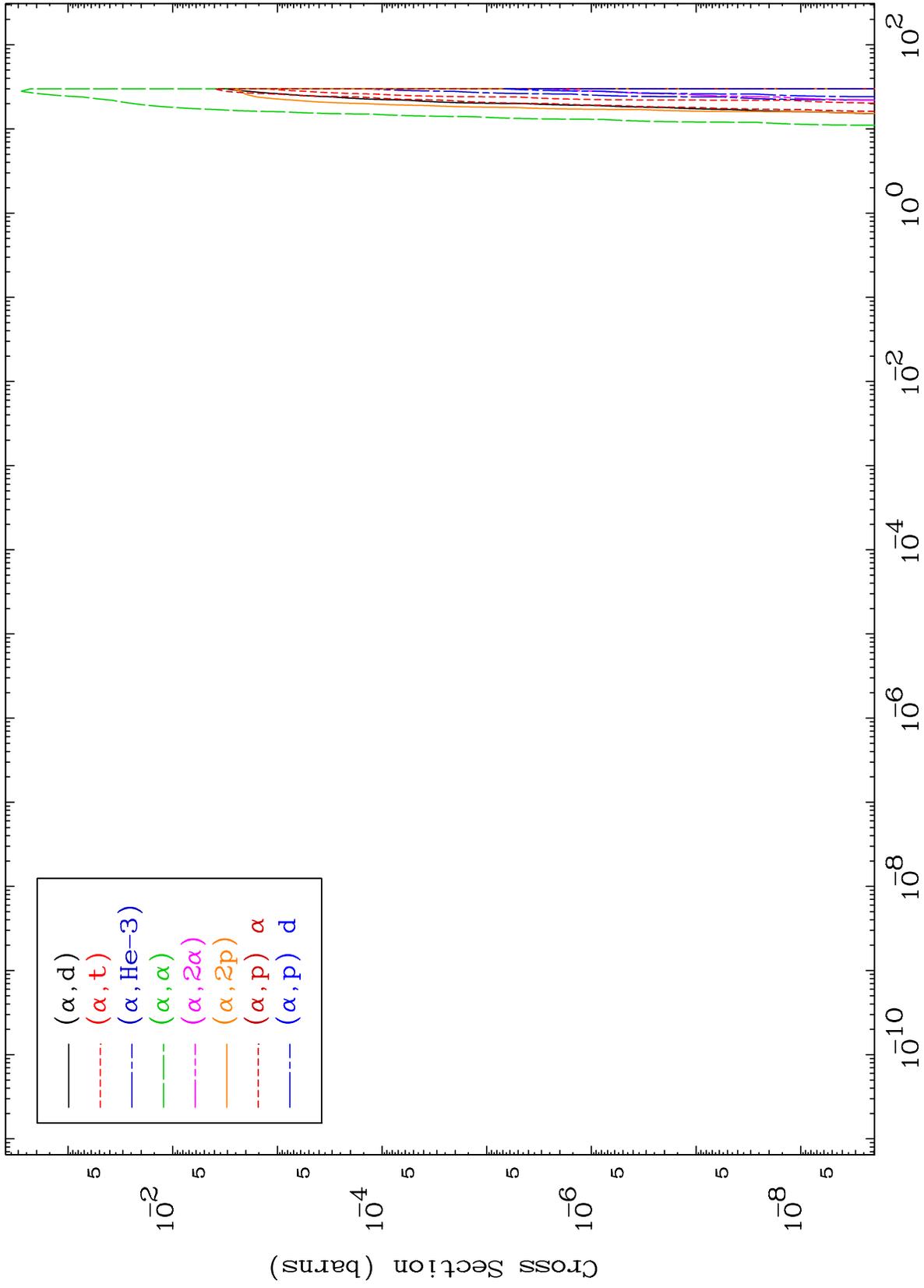
61-Pm-140



MAT 6128

α Charged Particle
0 Kelvin Cross Sections

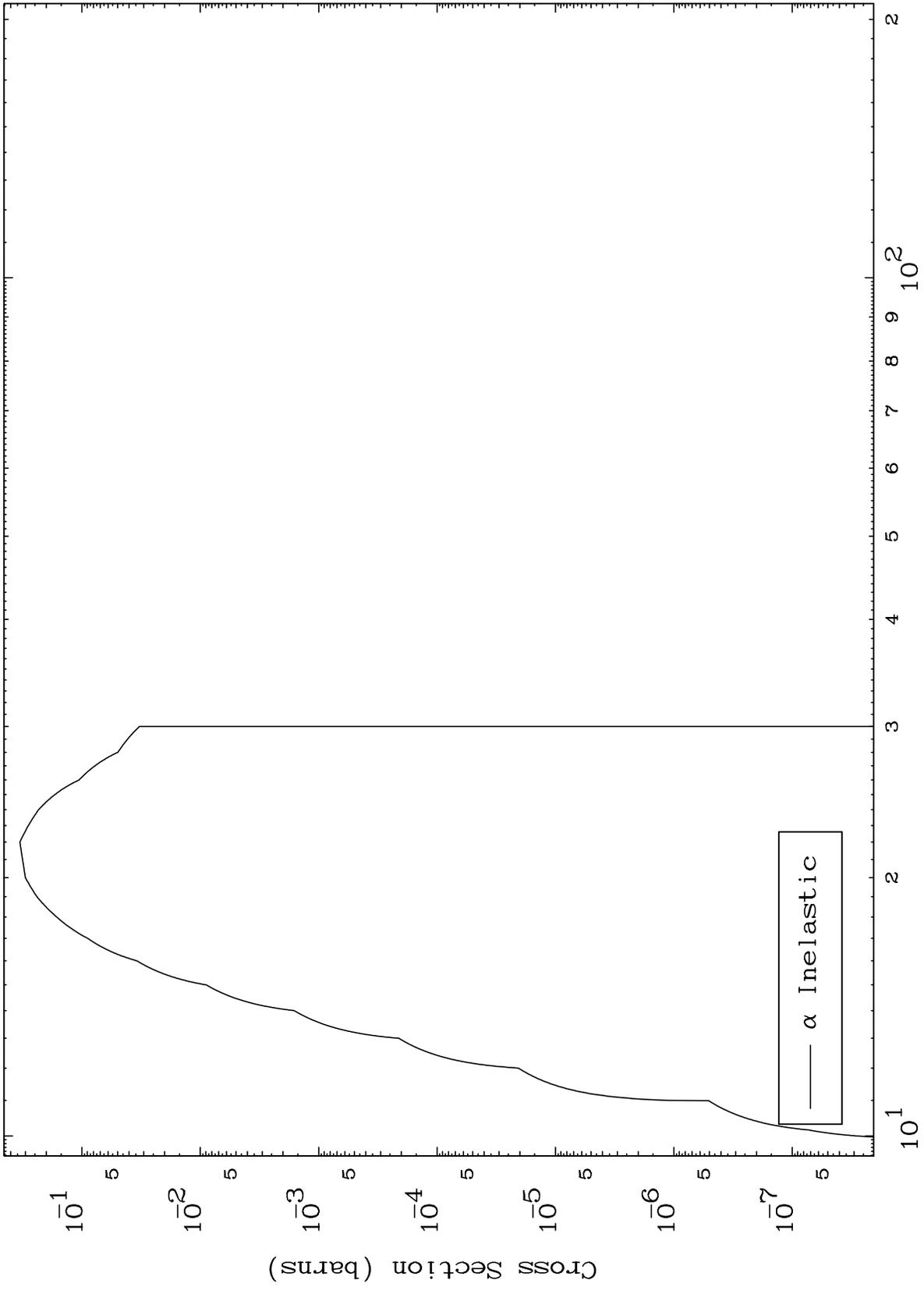
61-Pm-140



MAT 6128

(α, n') Level
0 Kelvin Cross Sections

61-Pm-140



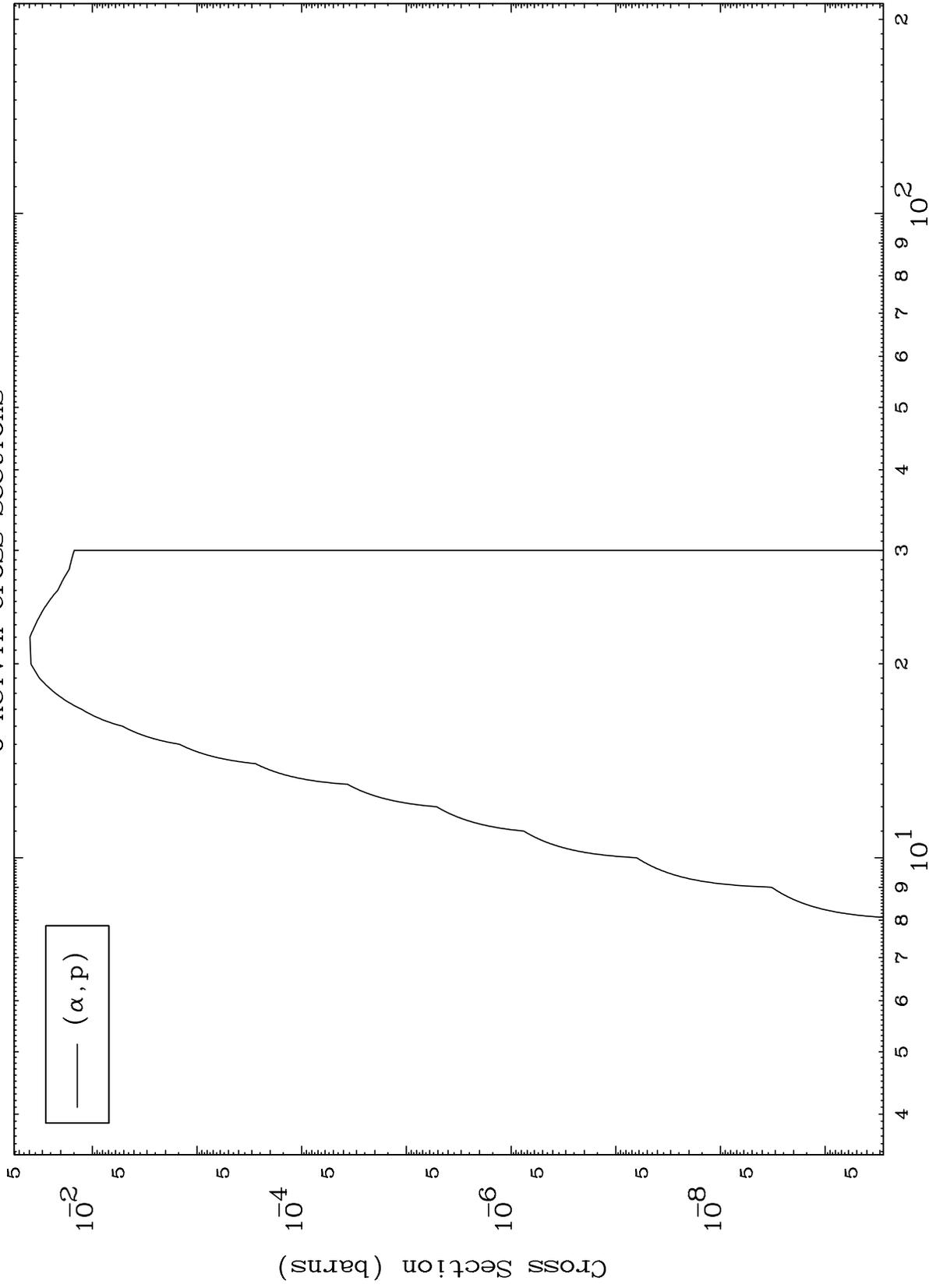
Incident Energy (MeV)

61-Pm-140

MAT 6128

(α, p) Levels
0 Kelvin Cross Sections

61-Pm-140



6

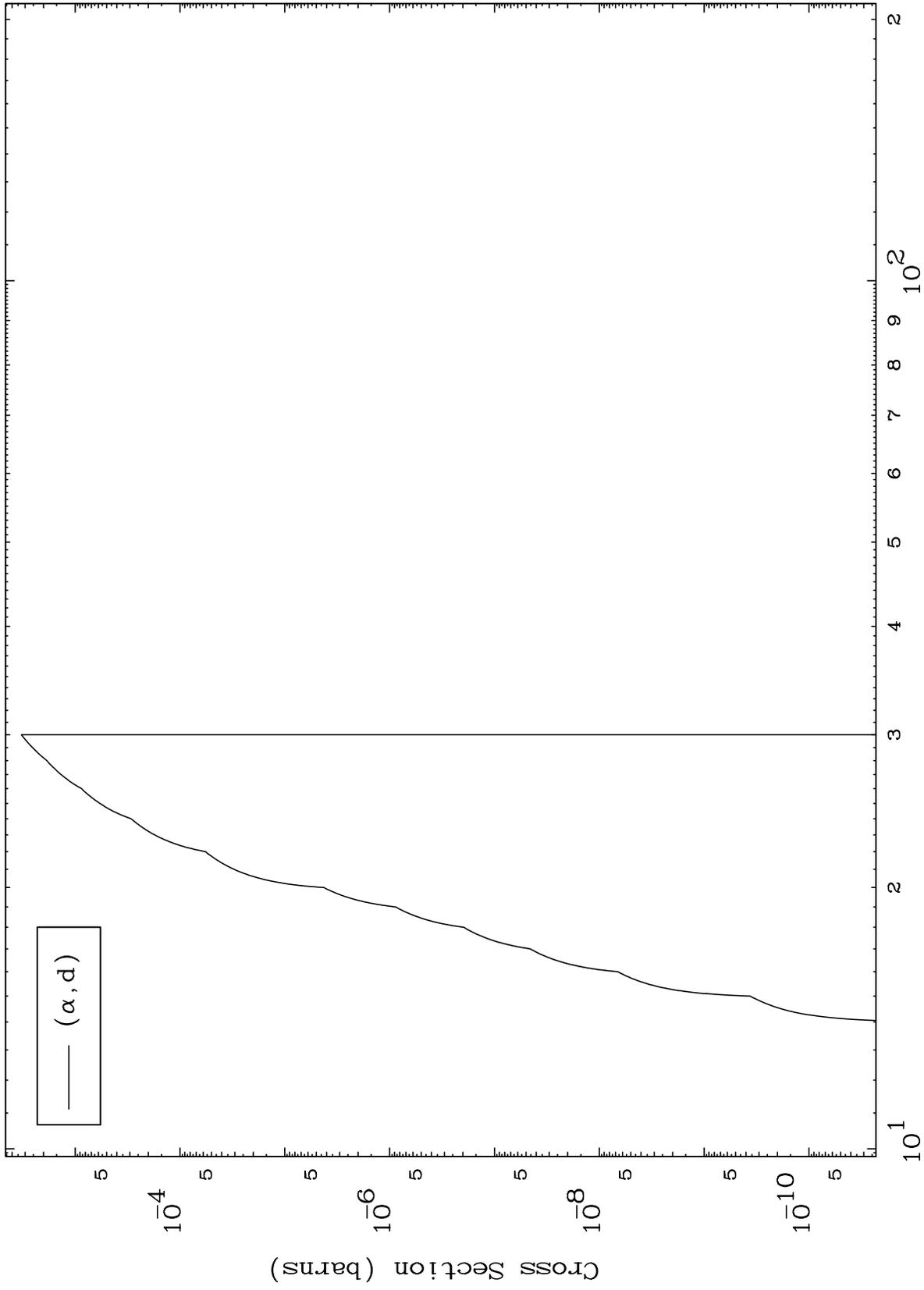
Incident Energy (MeV)

61-Pm-140

MAT 6128

(α, d) Levels
0 Kelvin Cross Sections

61-Pm-140



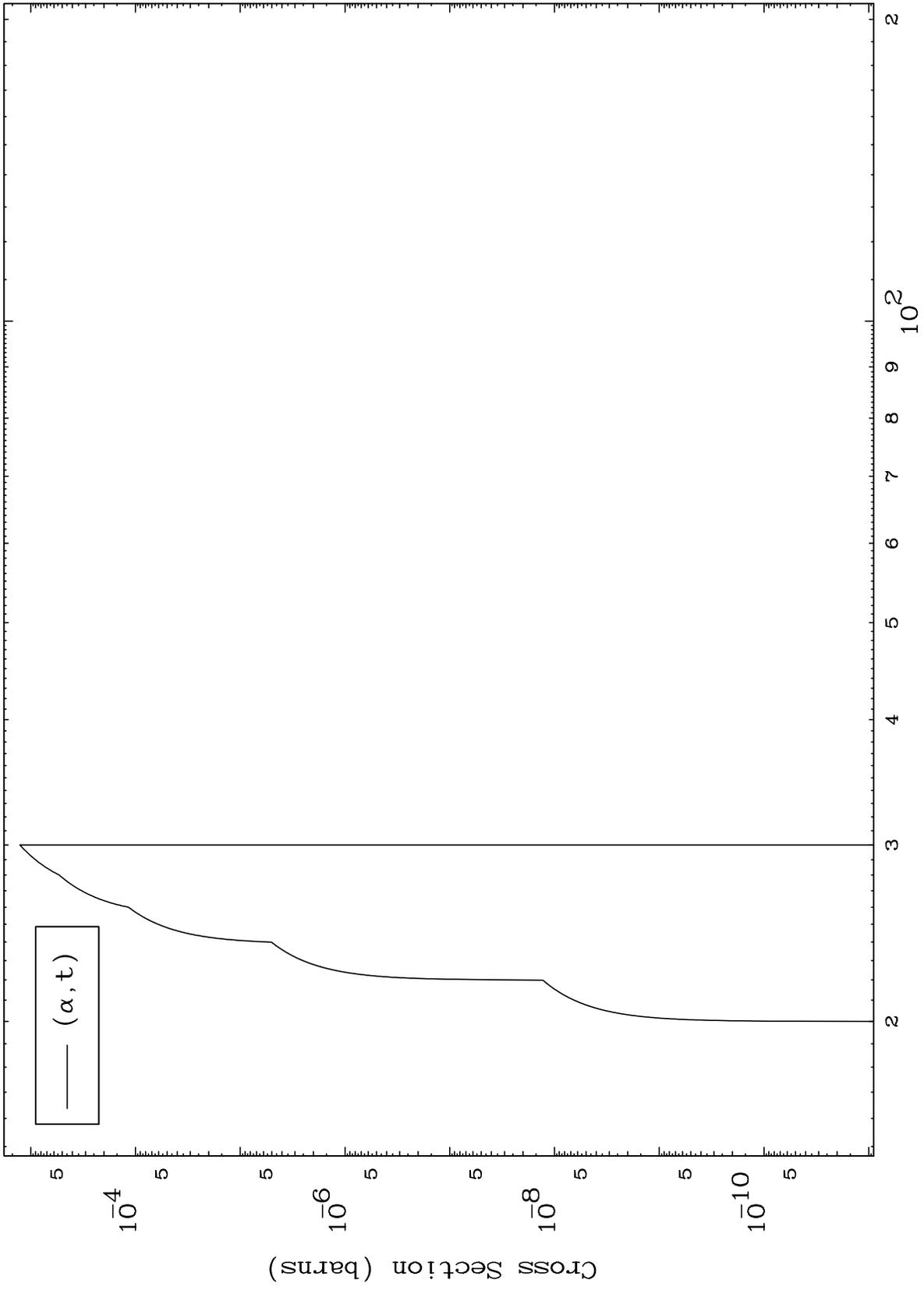
Incident Energy (MeV)

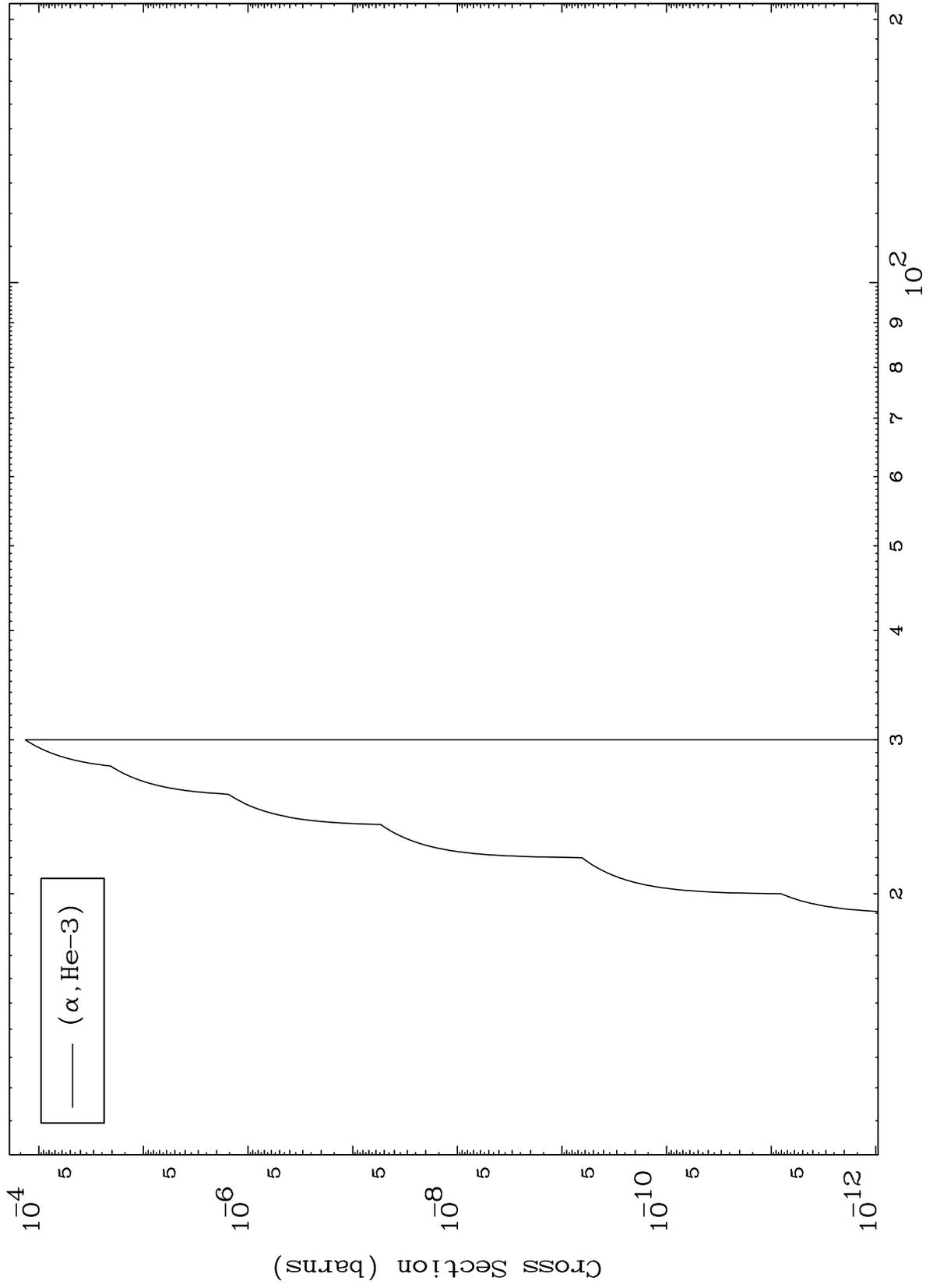
61-Pm-140

MAT 6128

(α, t) Levels
0 Kelvin Cross Sections

61-Pm-140

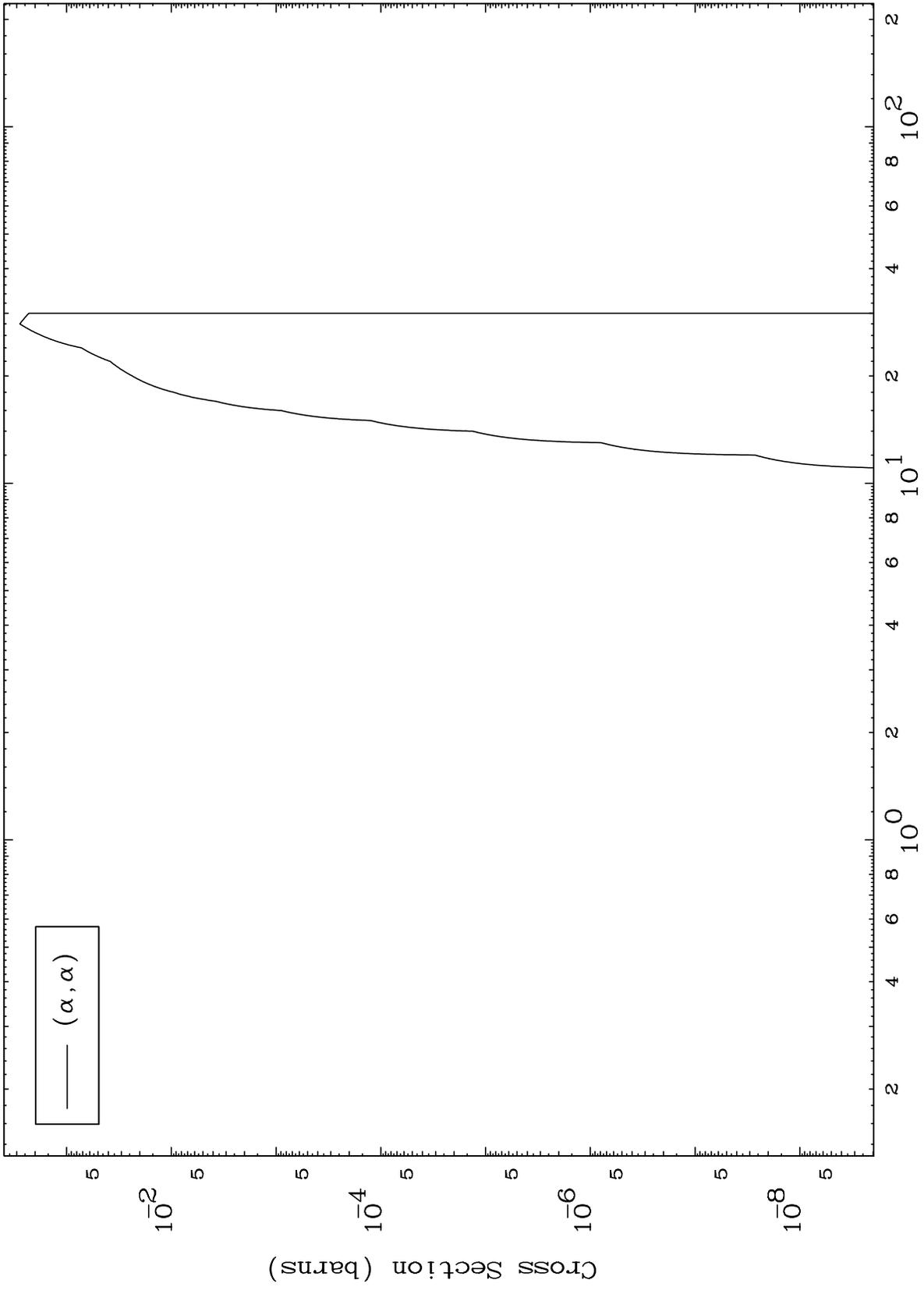




MAT 6128

(α, α) Levels
0 Kelvin Cross Sections

61-Pm-140



10

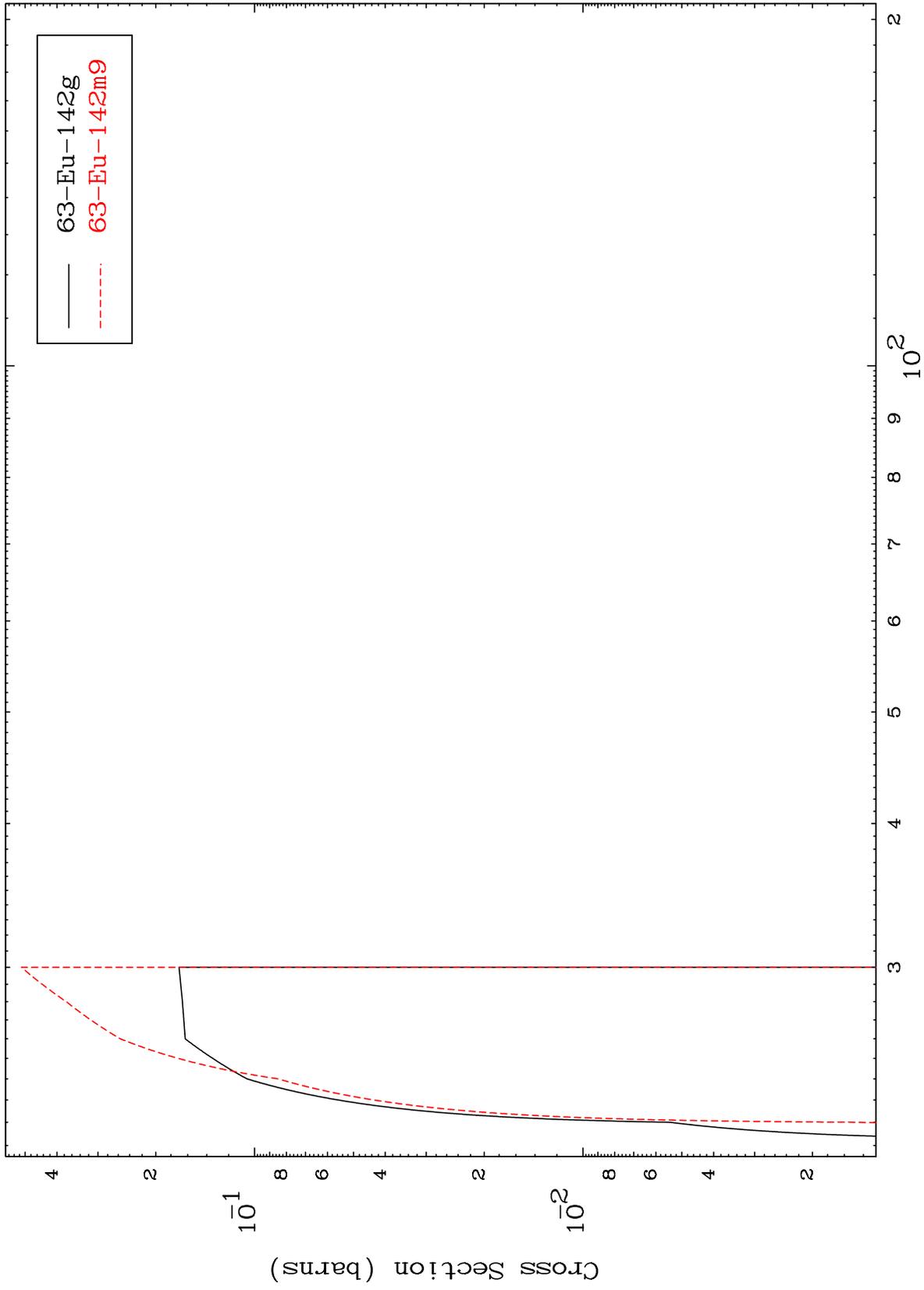
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

($\alpha, 2n$)
Radionuclide Production Cross Section



11

61-Pm-140

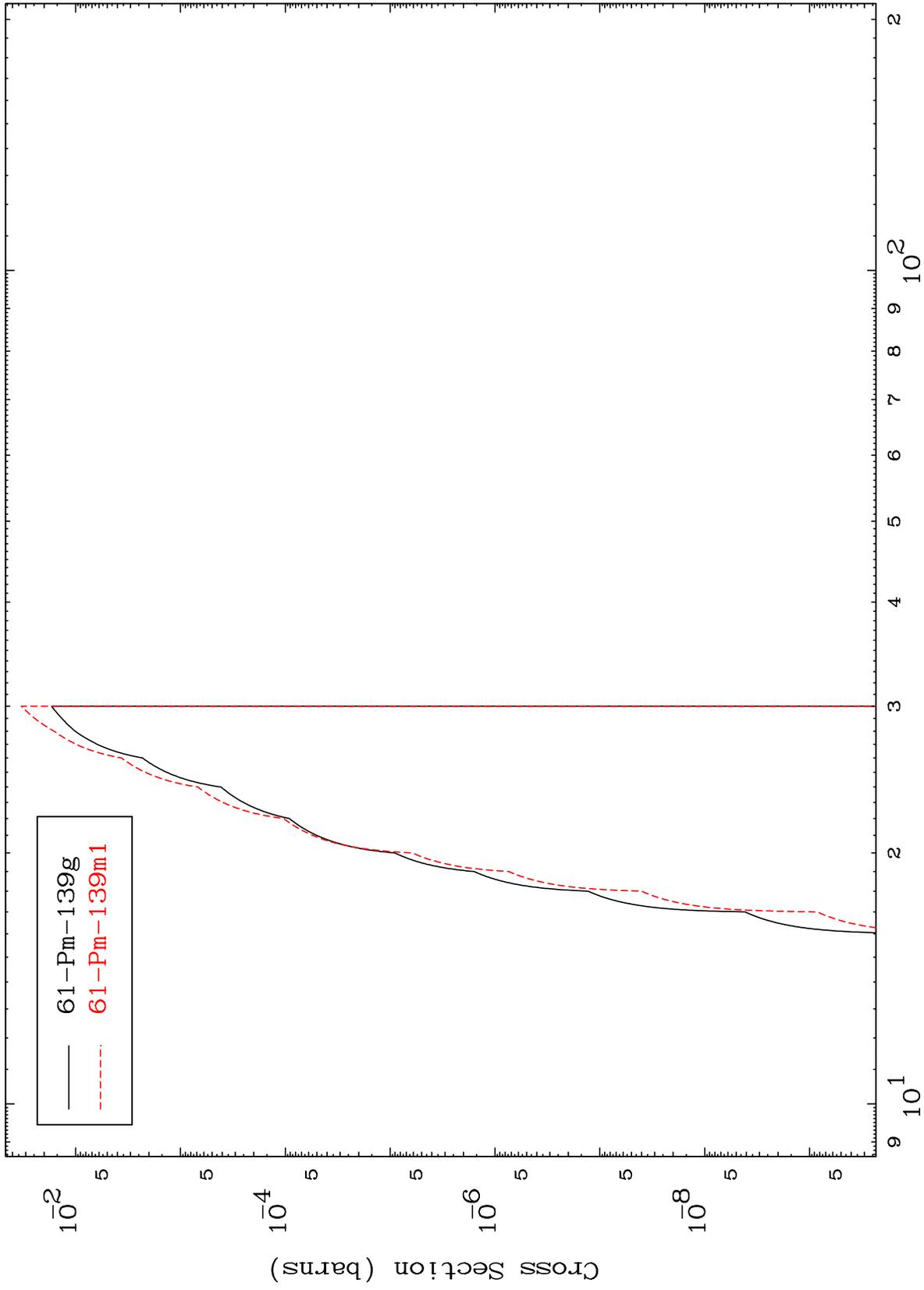
Incident Energy (MeV)

MAT 6128

(α, n') α

61-Pm-140

Radionuclide Production Cross Section



12

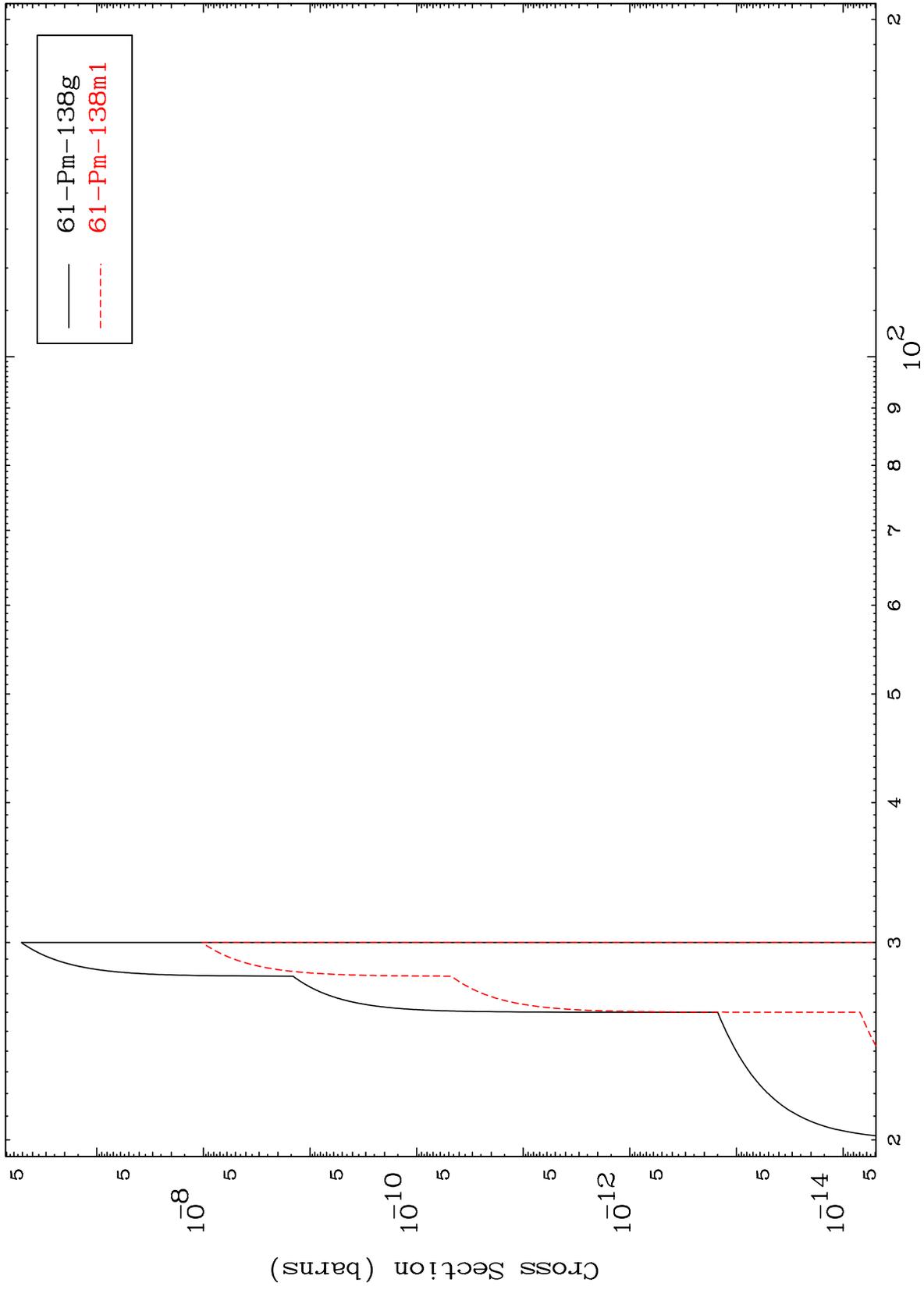
61-Pm-140

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$(\alpha, 2n) \alpha$

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

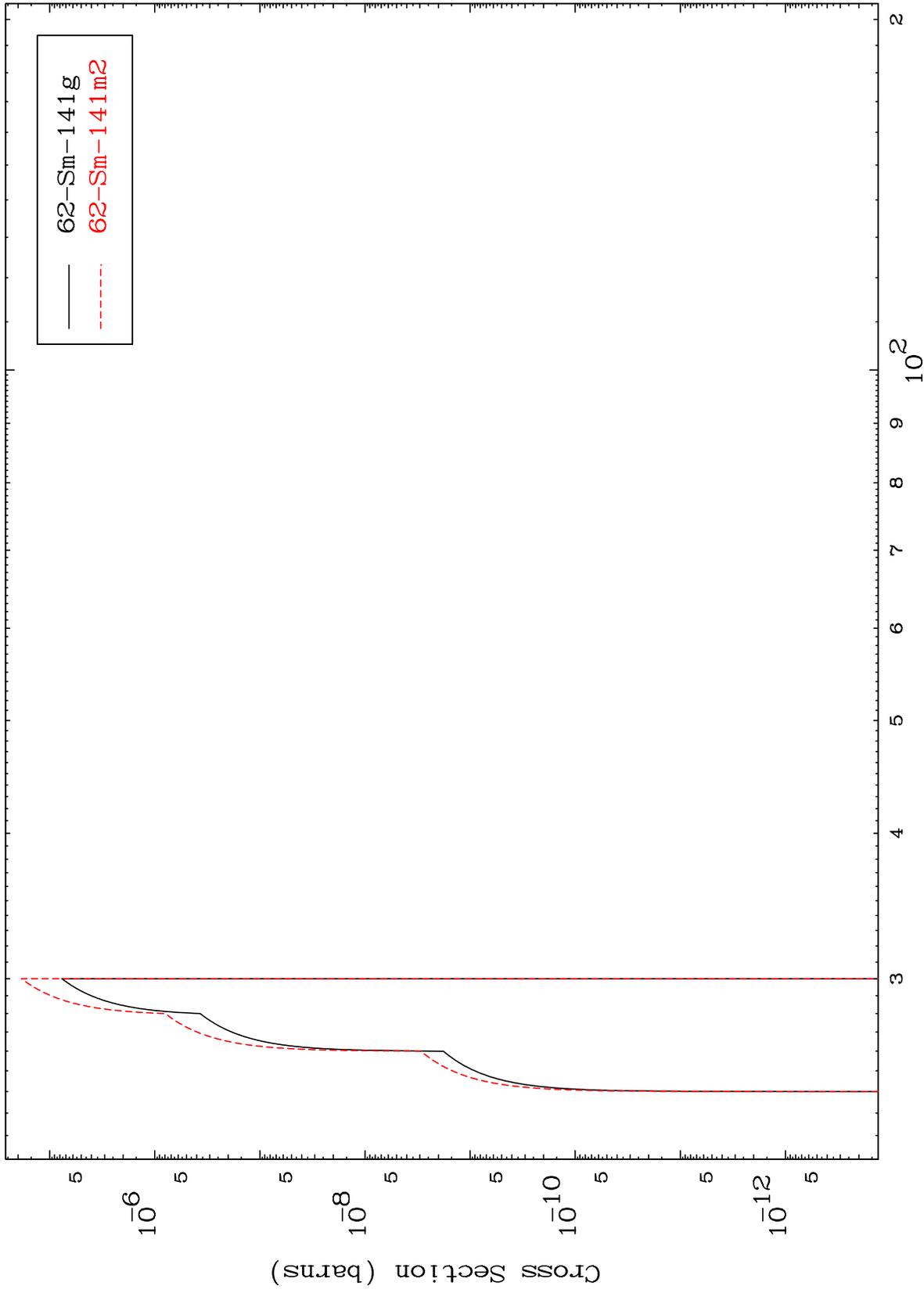
61-Pm-140

MAT 6128

(α, n') d

61-Pm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

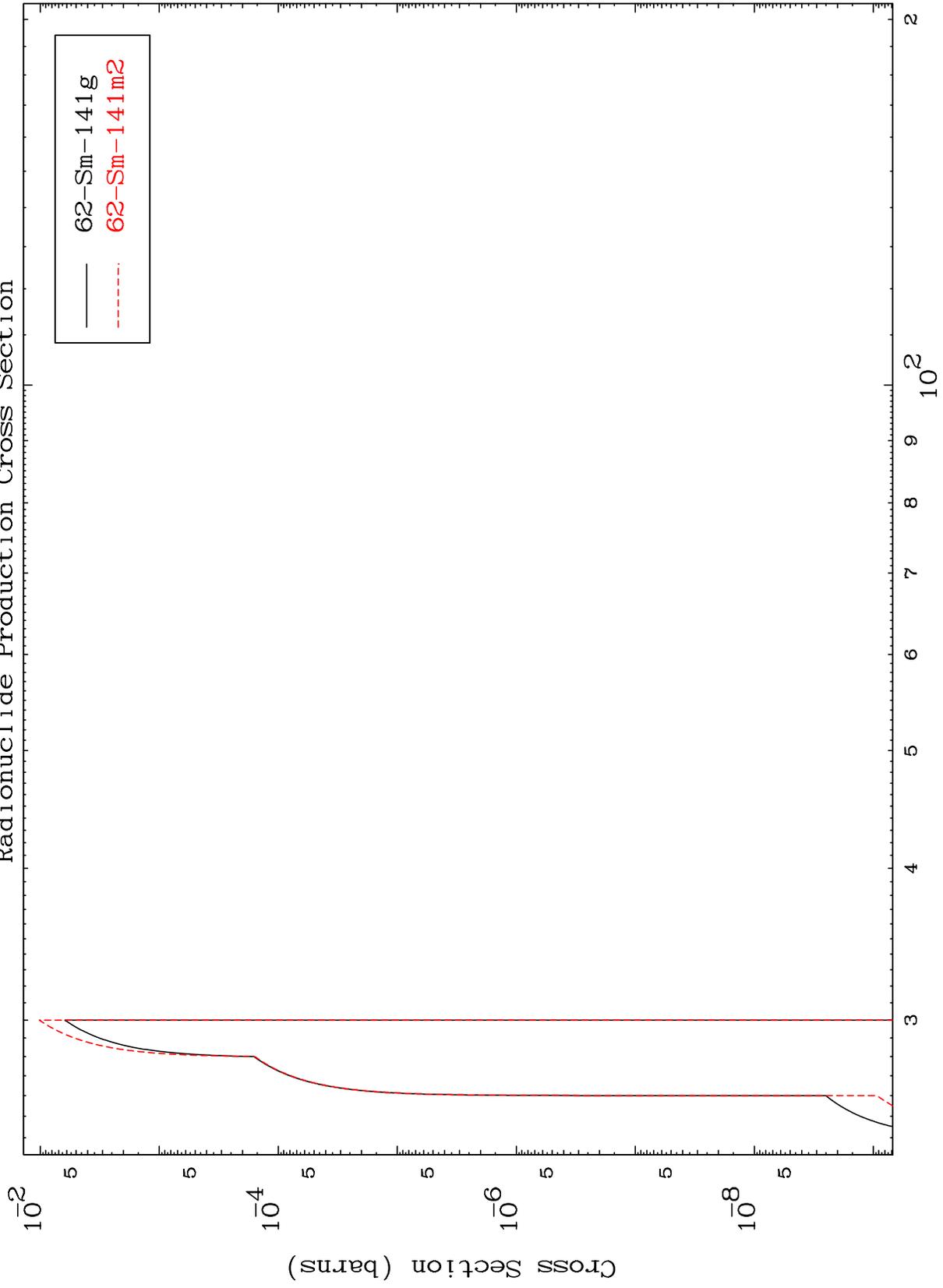
61-Pm-140

MAT 6128

$(\alpha, 2n)$ p

61-Pm-140

Radionuclide Production Cross Section



15

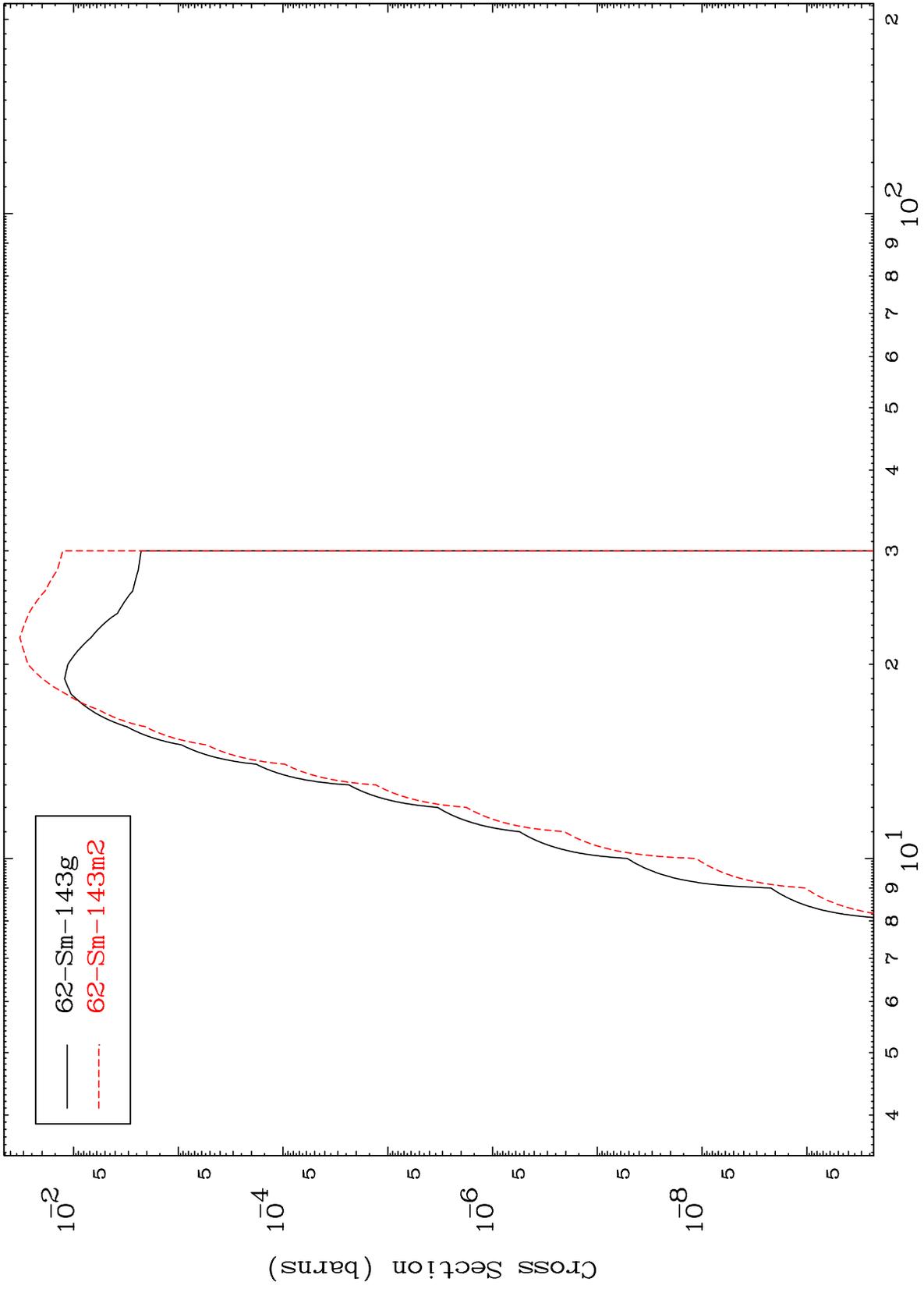
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

Radionuclide Production Cross Section
(α, p)



16

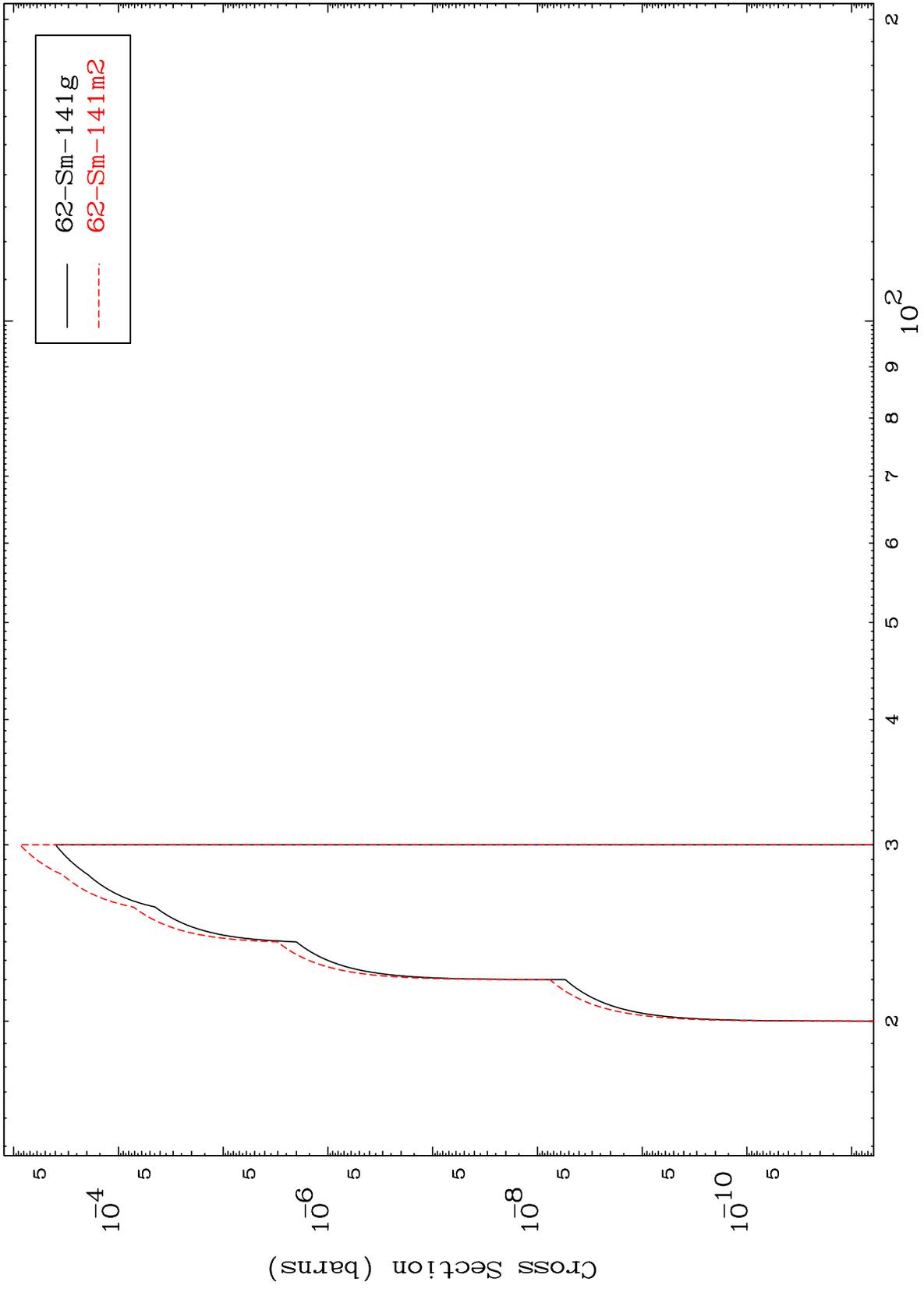
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(α, t)
Radionuclide Production Cross Section



17

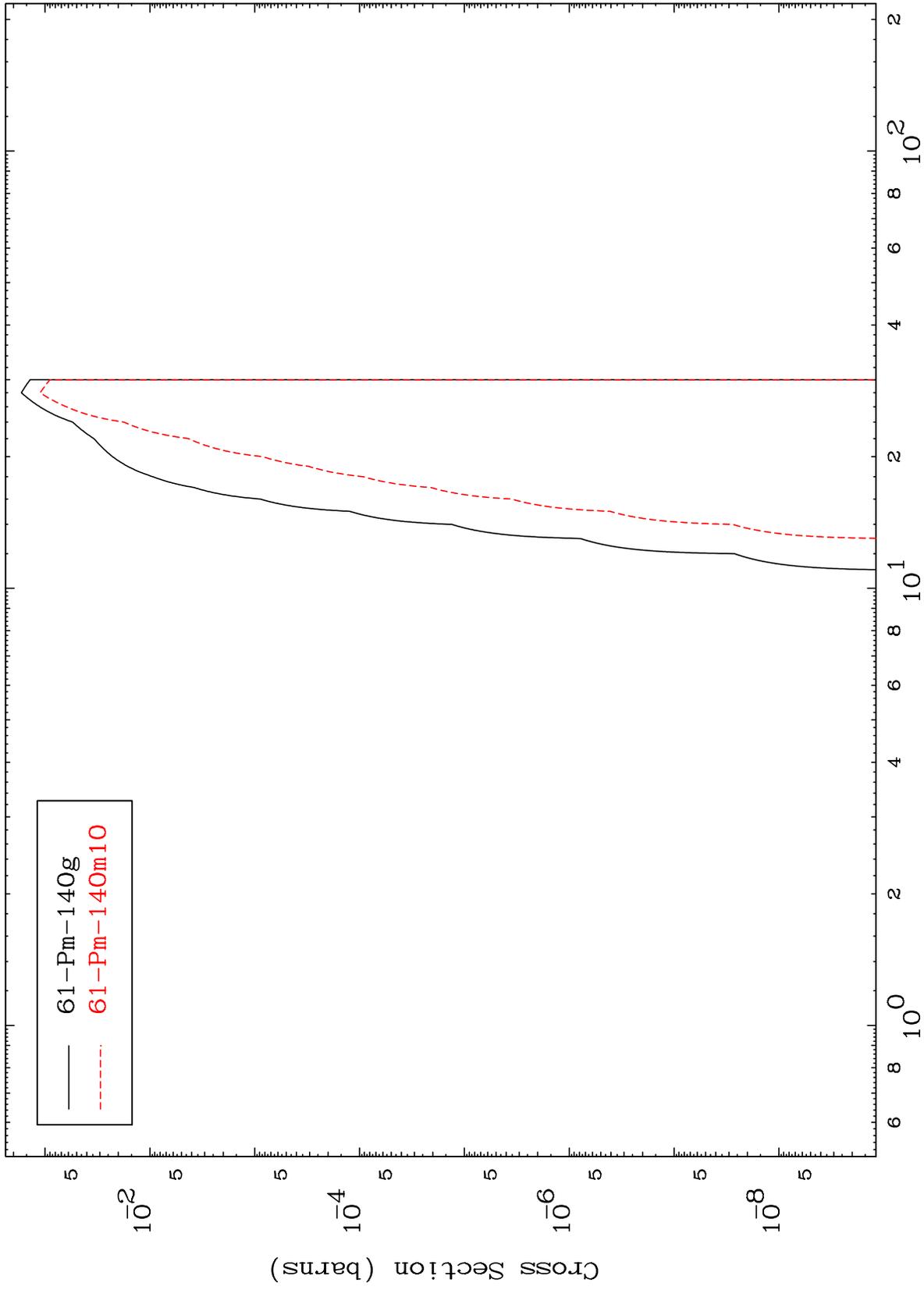
61-Pm-140

MAT 6128

(α, α)

61-Pm-140

Radionuclide Production Cross Section



18

Incident Energy (MeV)

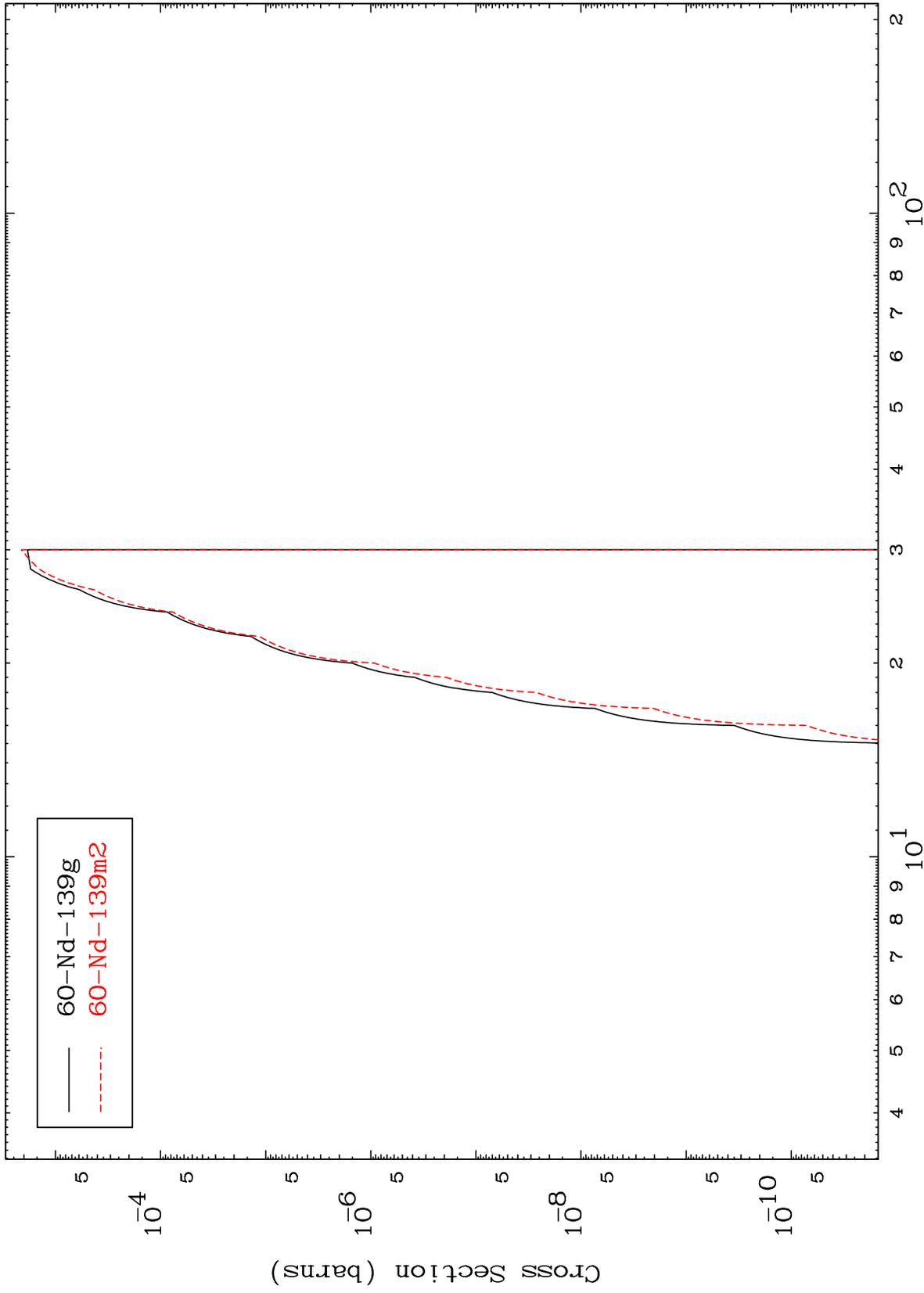
61-Pm-140

MAT 6128

(α, p) α

61-Pm-140

Radionuclide Production Cross Section



19

Incident Energy (MeV)

61-Pm-140