

Program EVALPLOT
(Version 2021-1)

by

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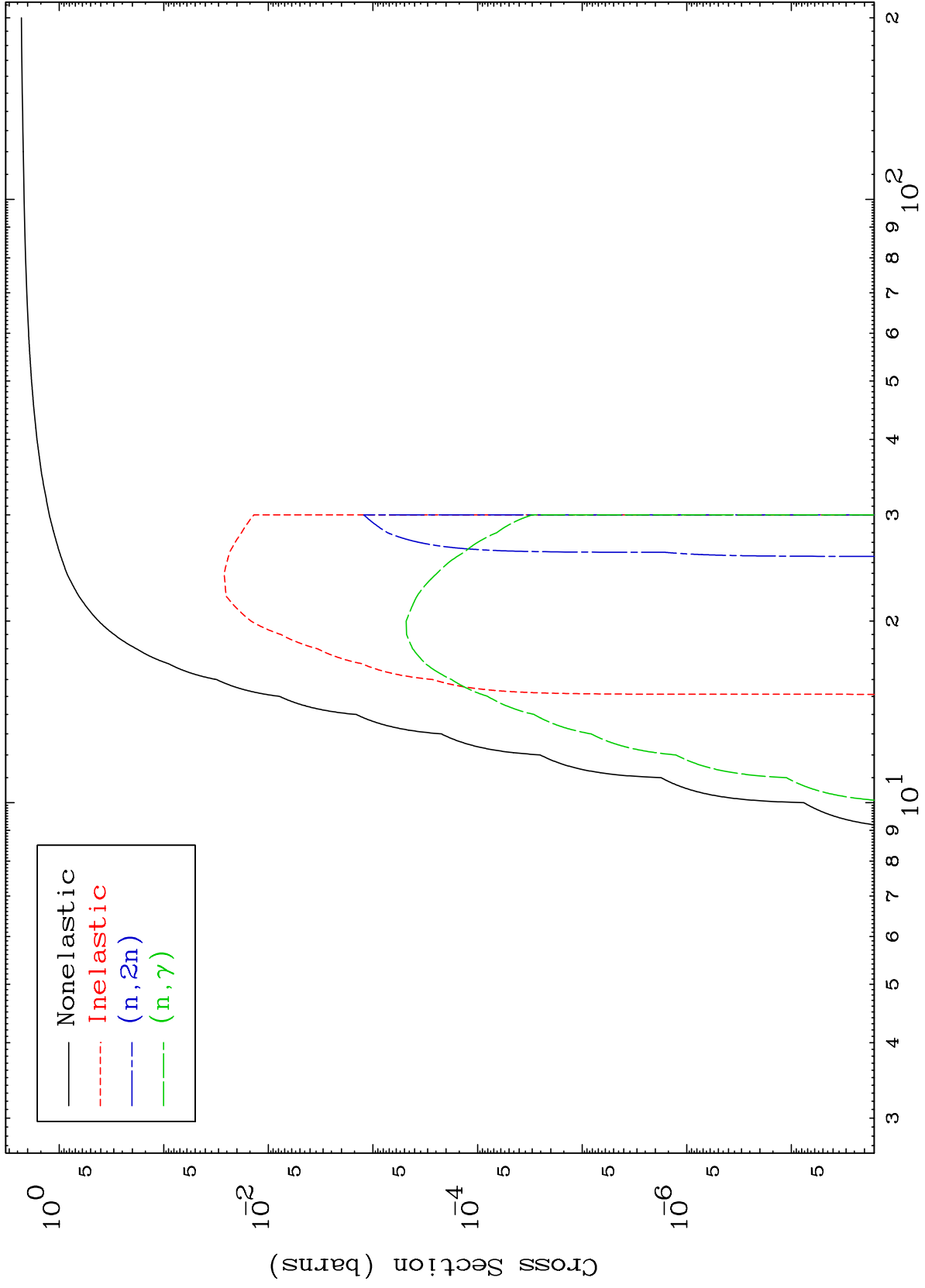
Web: redcullen1.net/HOMEPAGE.NEW

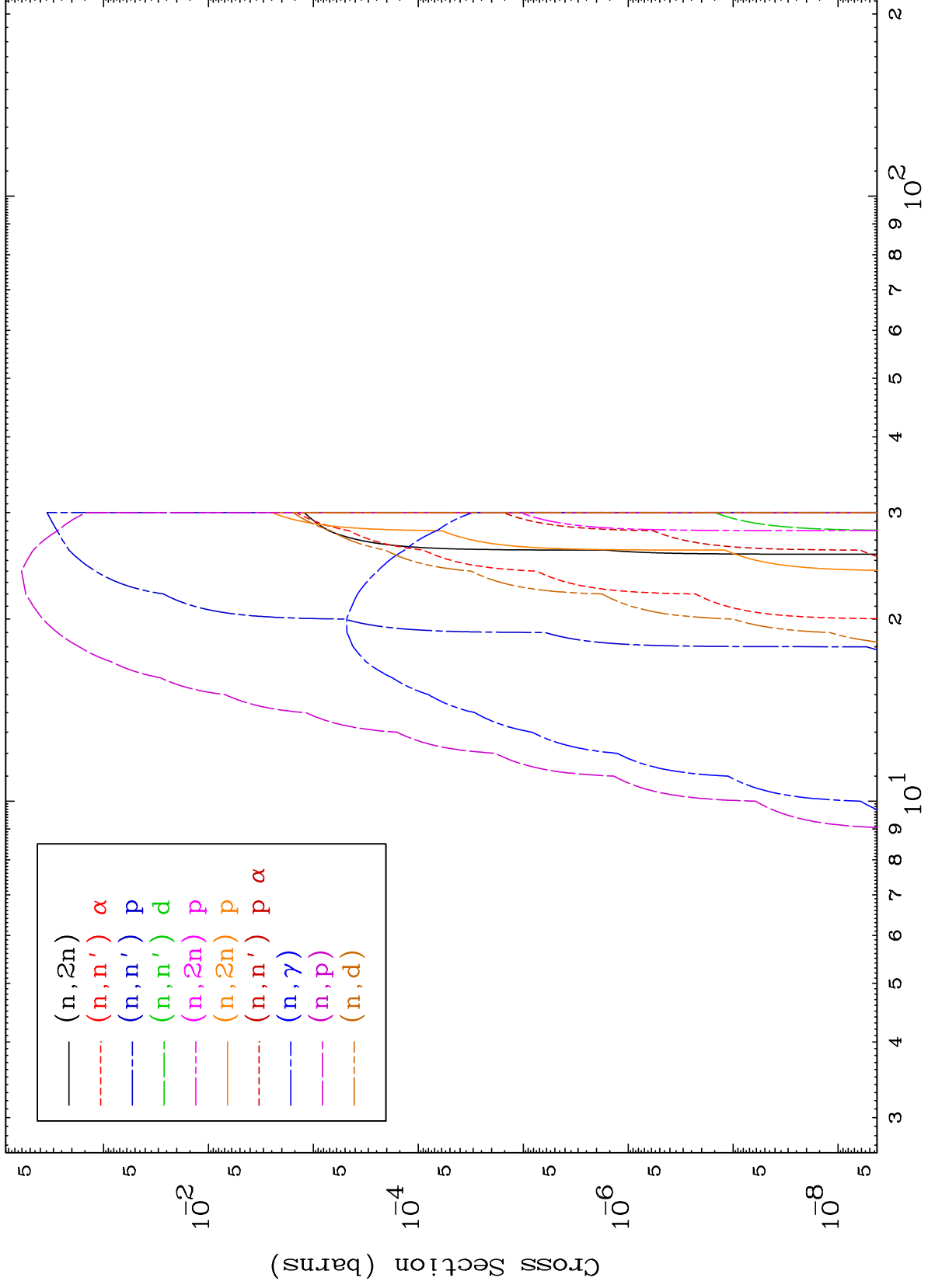
Press Mouse Button to Start

MAT 6108

0 Kelvin α Major Cross Sections

61-Pm-133m

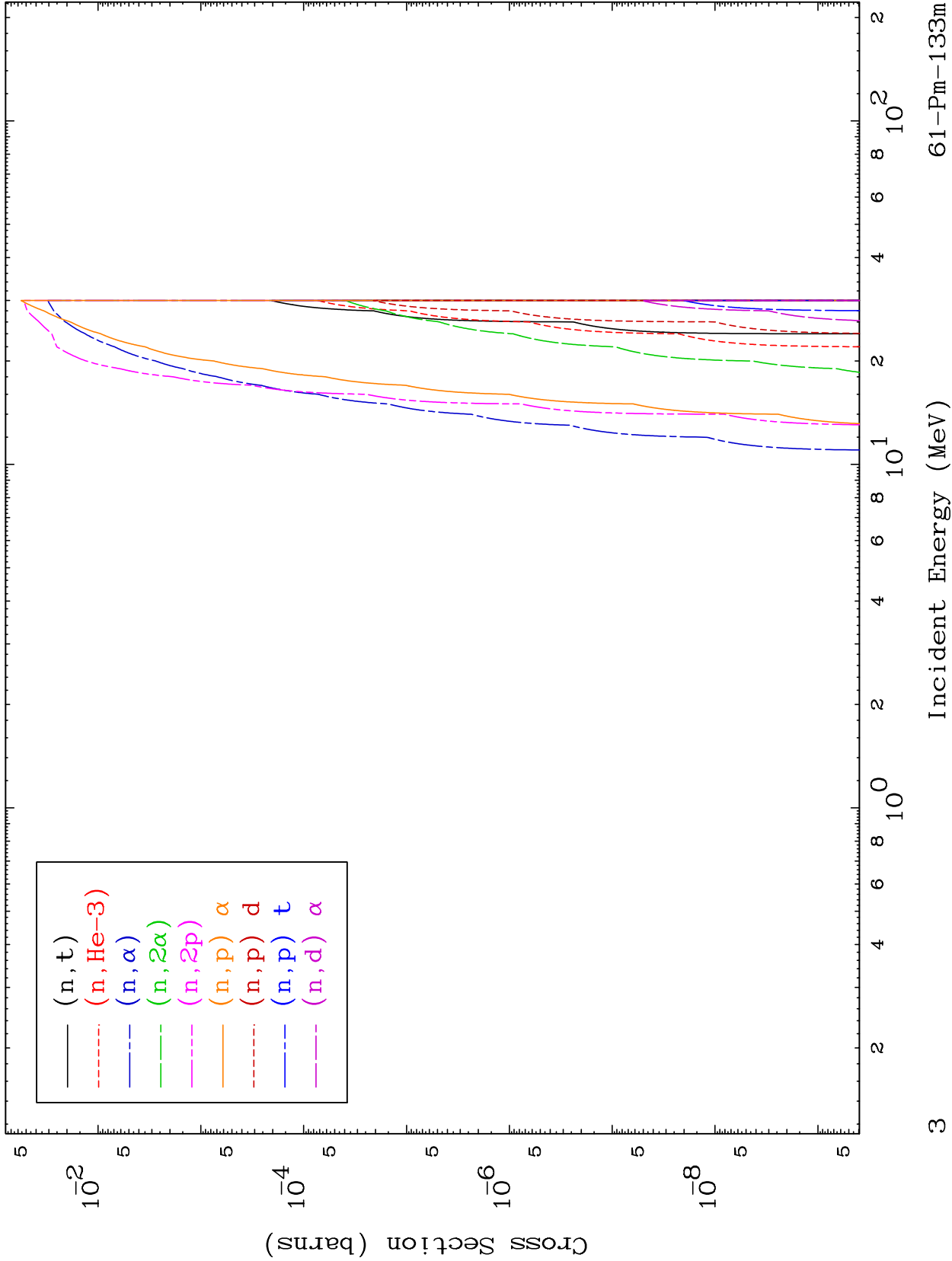




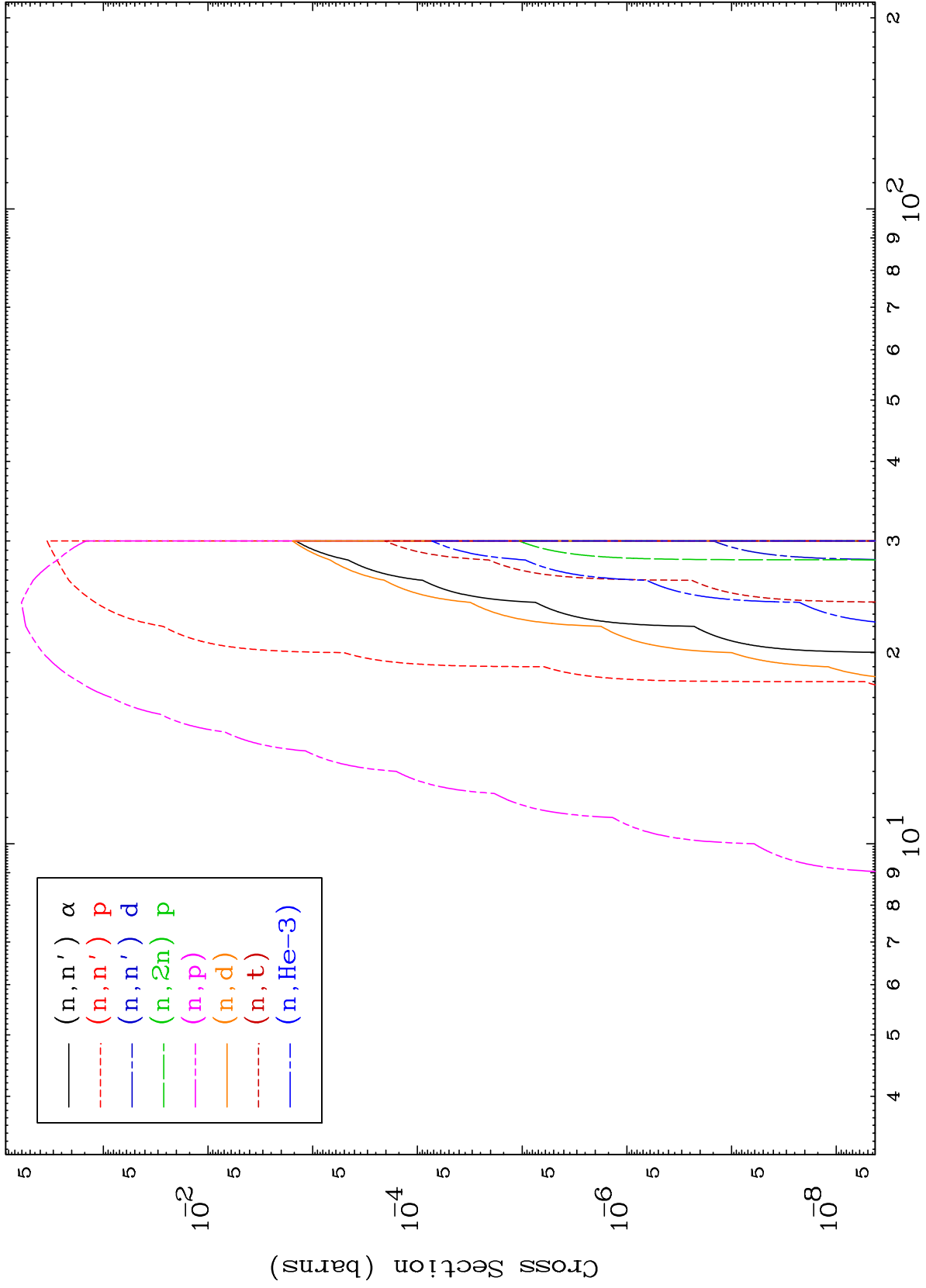
MAT 6108

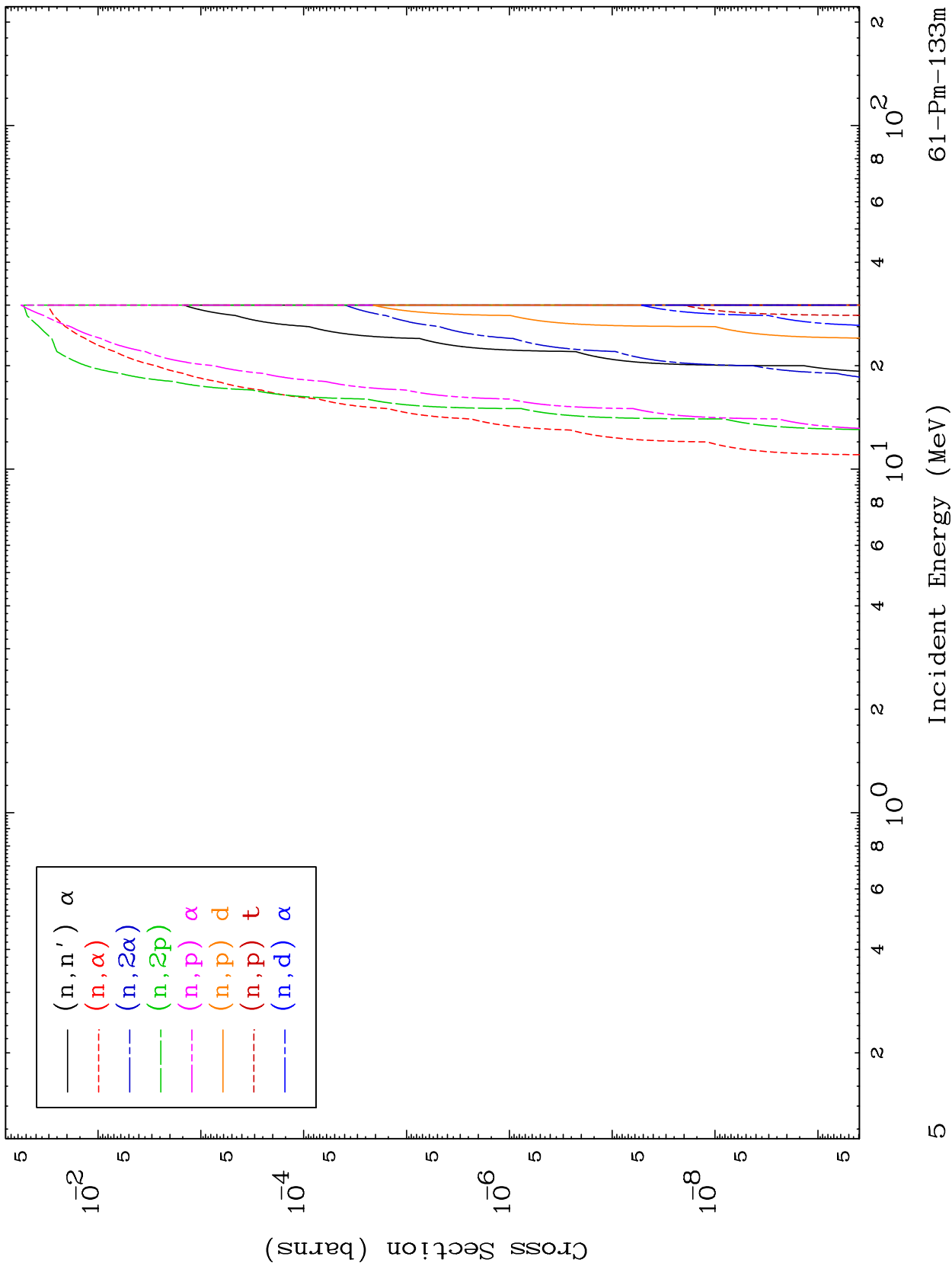
α Neutron Absorption
0 Kelvin Cross Sections

61-Pm-133m



61-Pm-133m



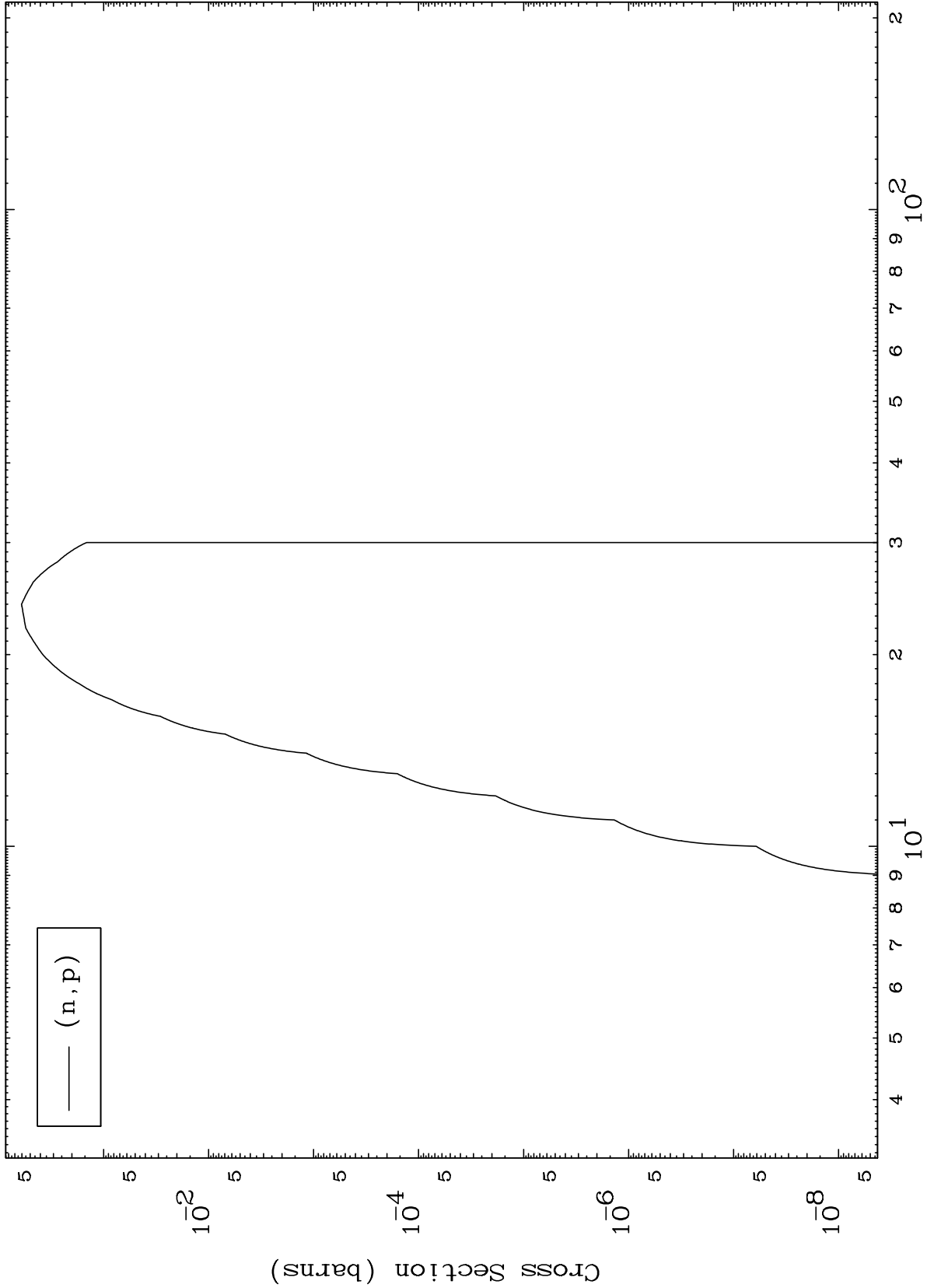


MAT 6108

(α, p) Levels

61-Pm-133m

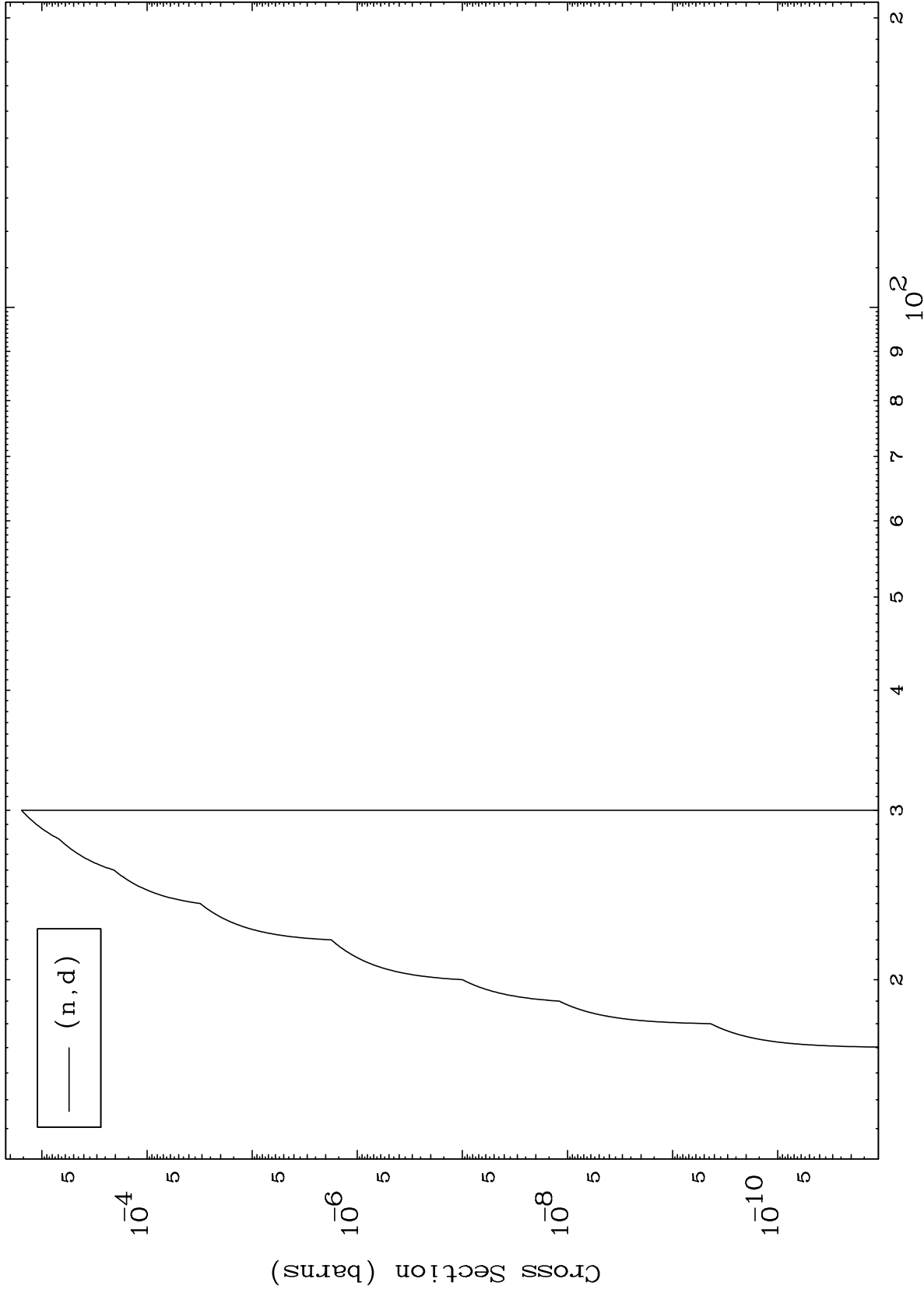
0 Kelvin Cross Sections



MAT 6108

(α, d) Levels
0 Kelvin Cross Sections

61-Pm-133m



7

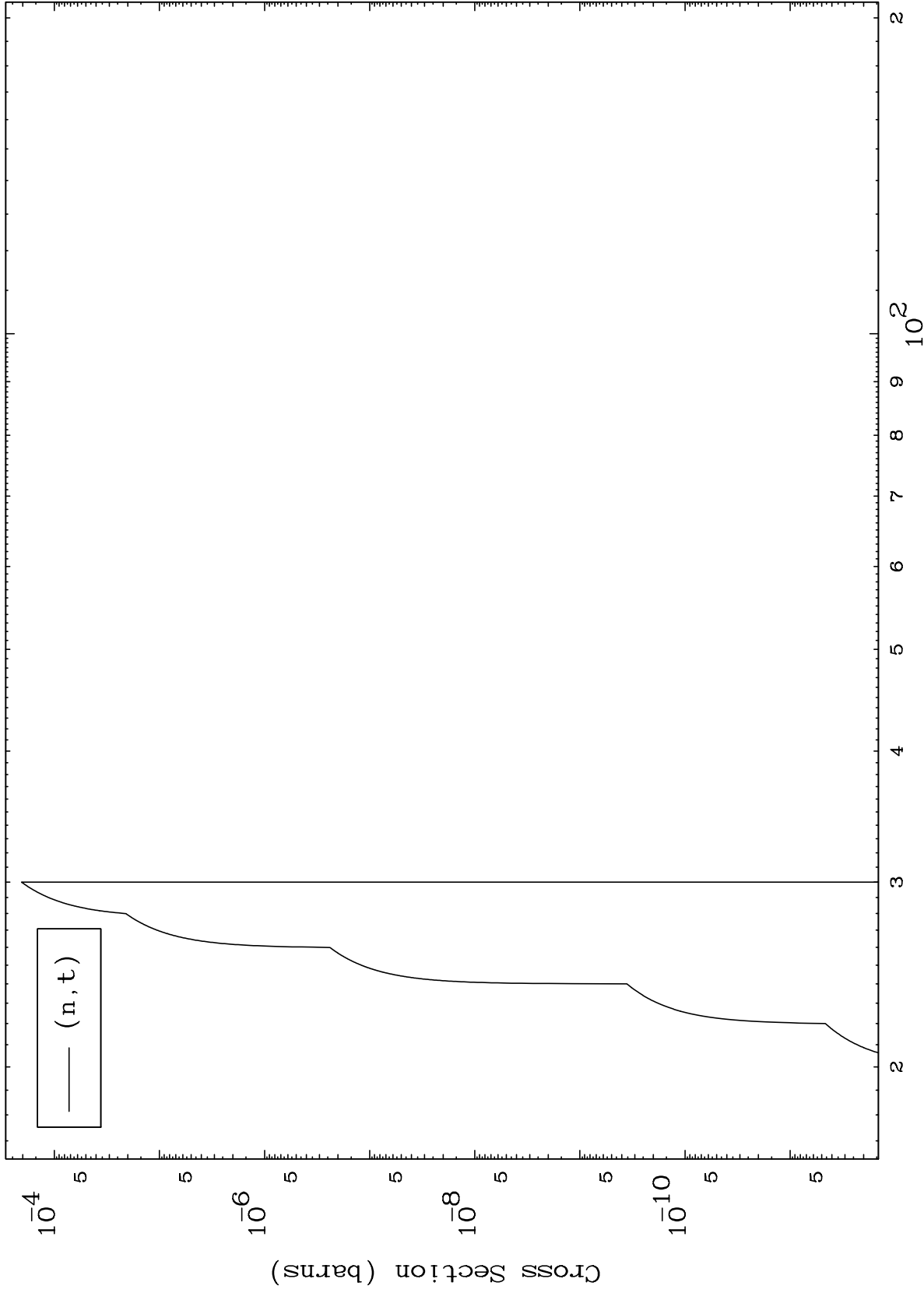
Incident Energy (MeV)

61-Pm-133m

MAT 6108

(α, t) Levels
0 Kelvin Cross Sections

61-Pm-133m



8

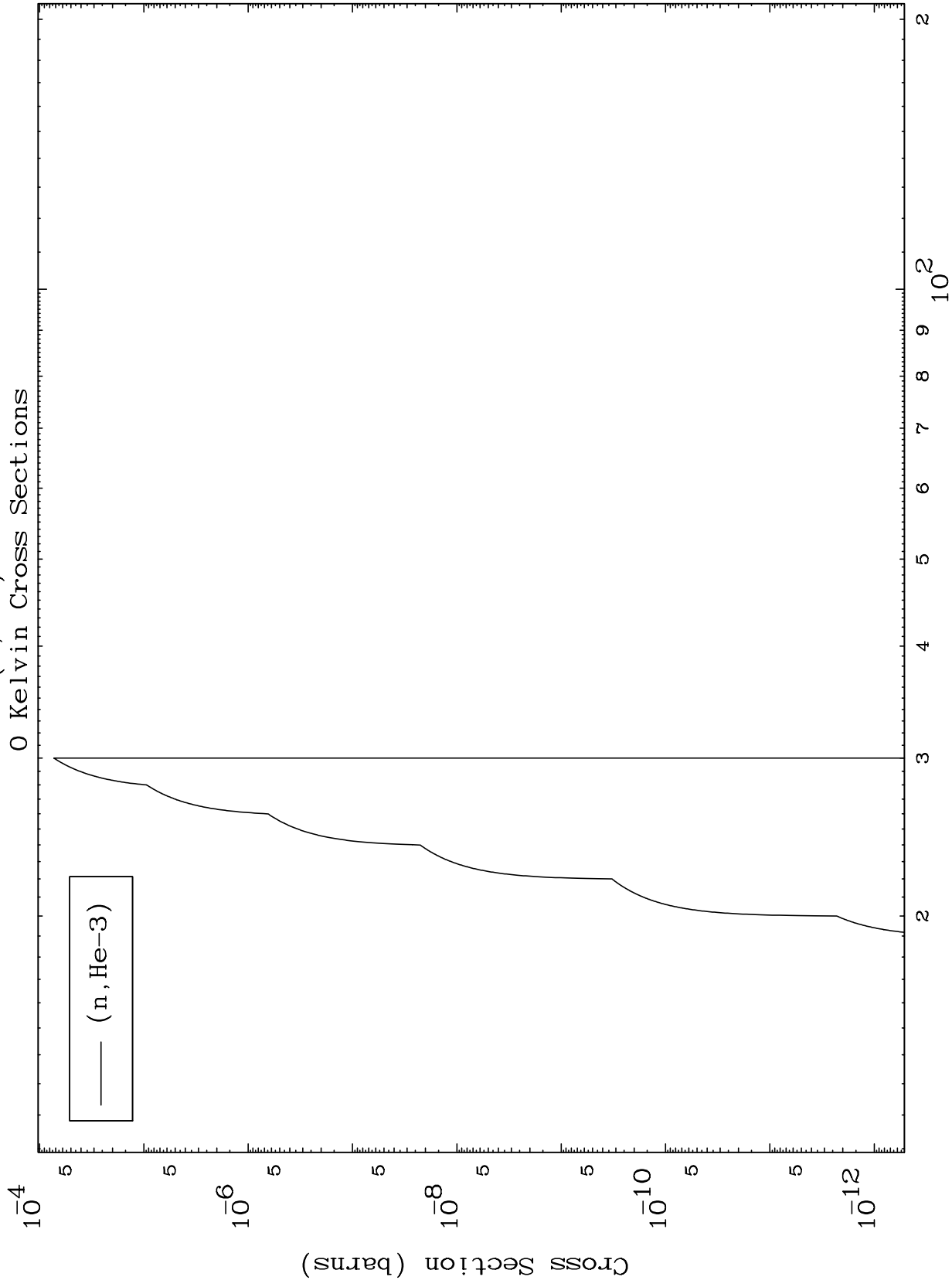
Incident Energy (MeV)

61-Pm-133m

MAT 6108

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

61-Pm-133m

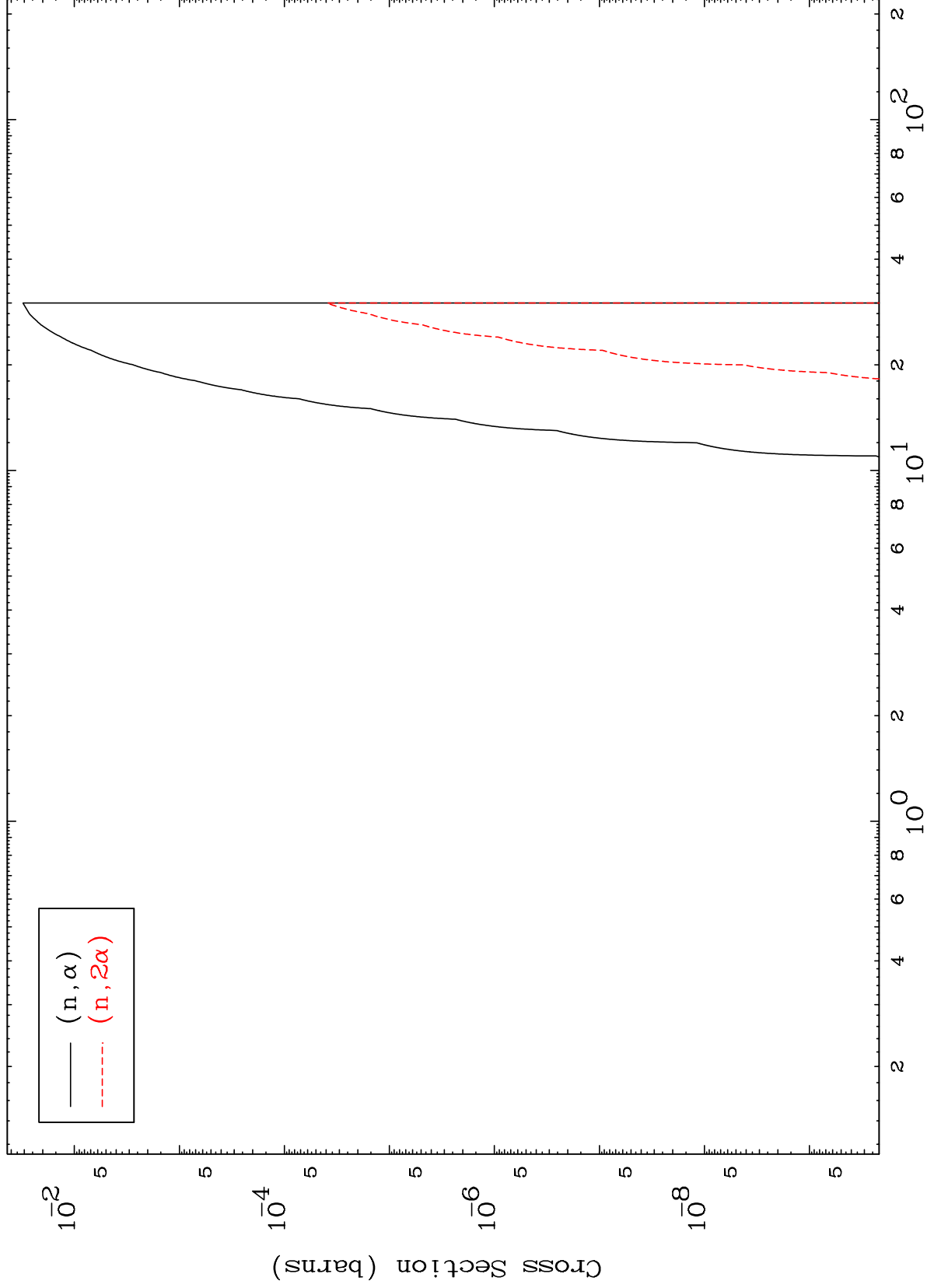


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(α, α) Levels

61-Pm-133m

0 Kelvin Cross Sections



10

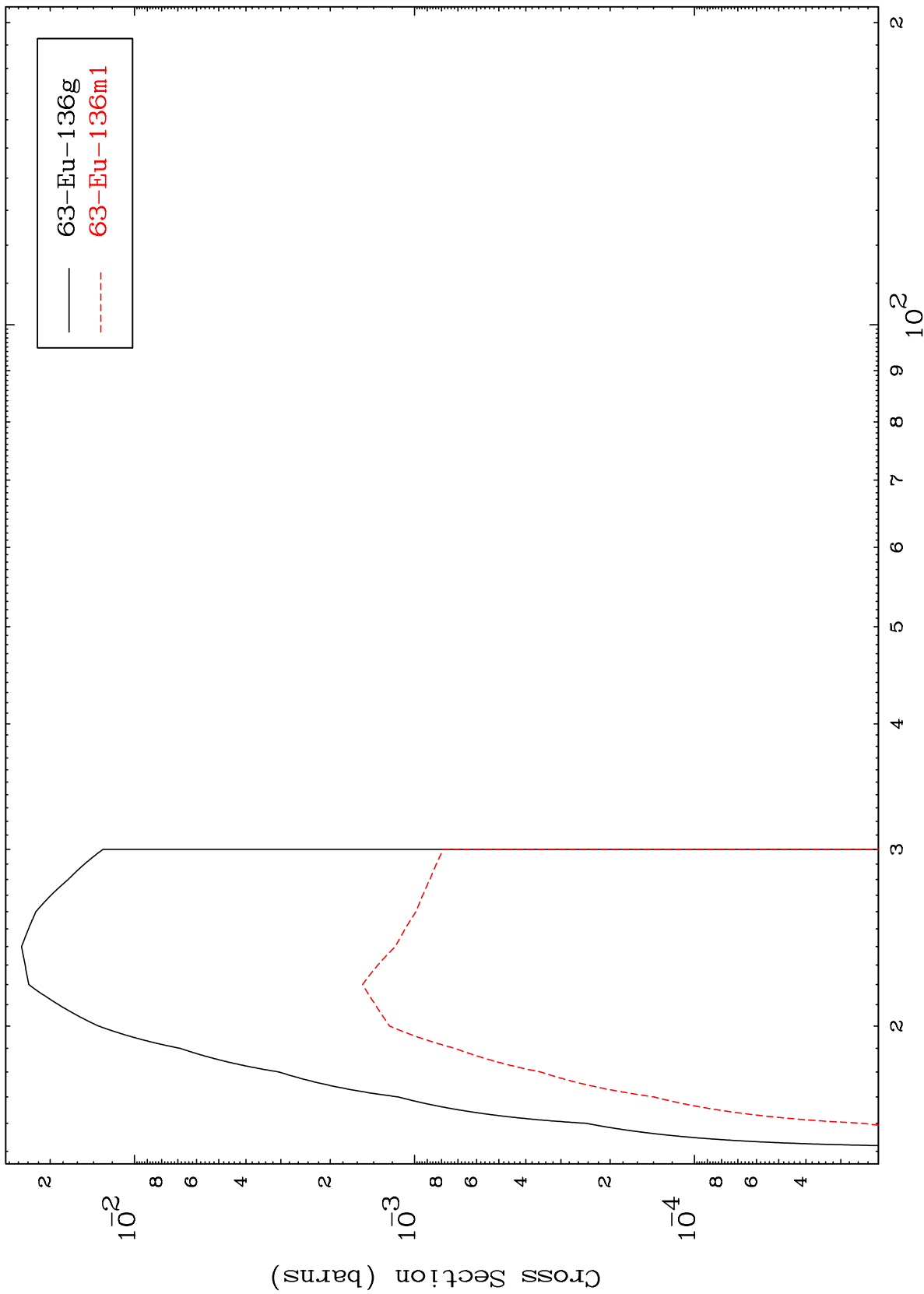
Incident Energy (MeV)

61-Pm-133m

MAT 6108

61-Pm-133m

Inelastic
Radionuclide Production Cross Section

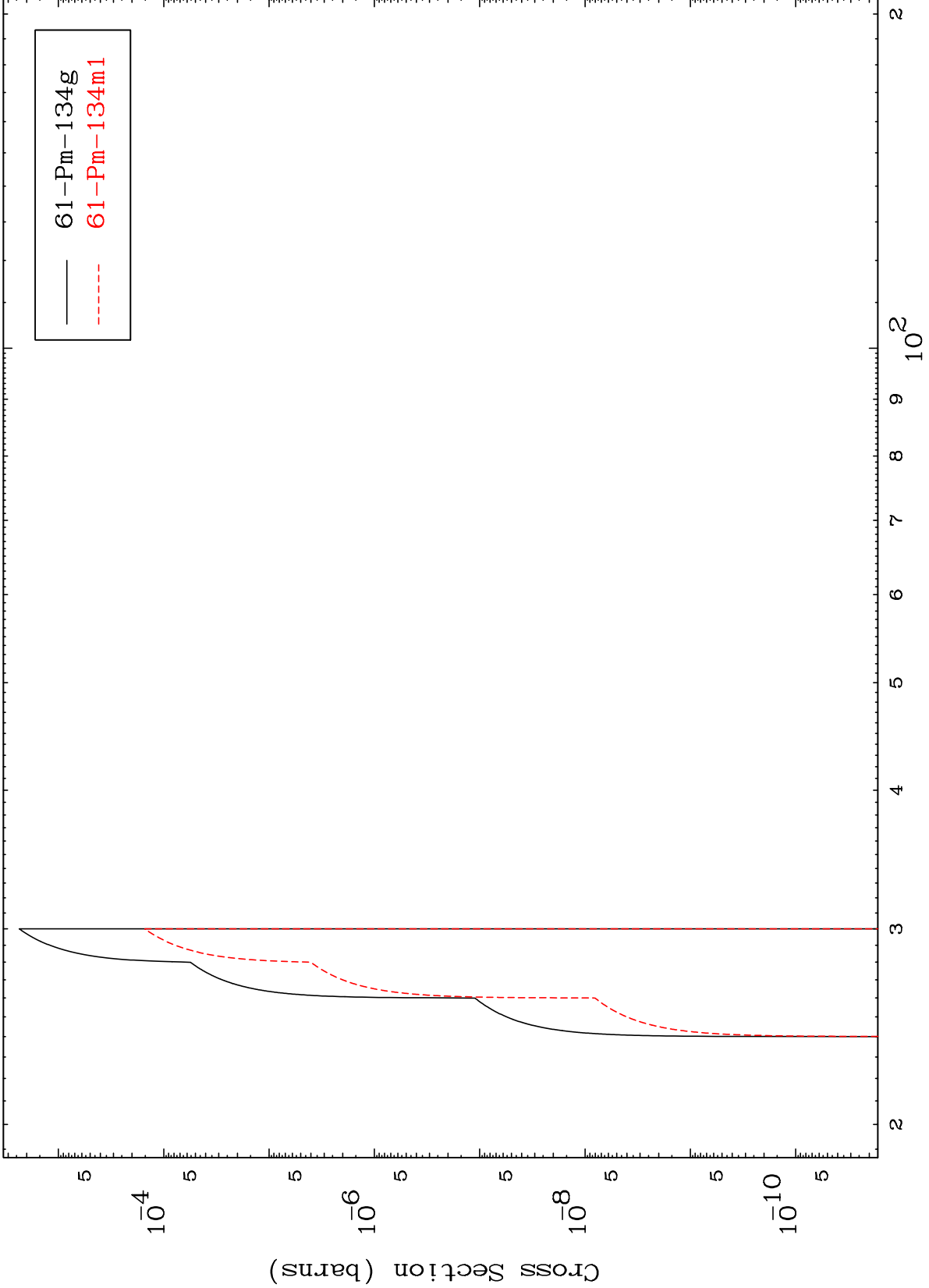


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(n,2n) p

61-Pm-133m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

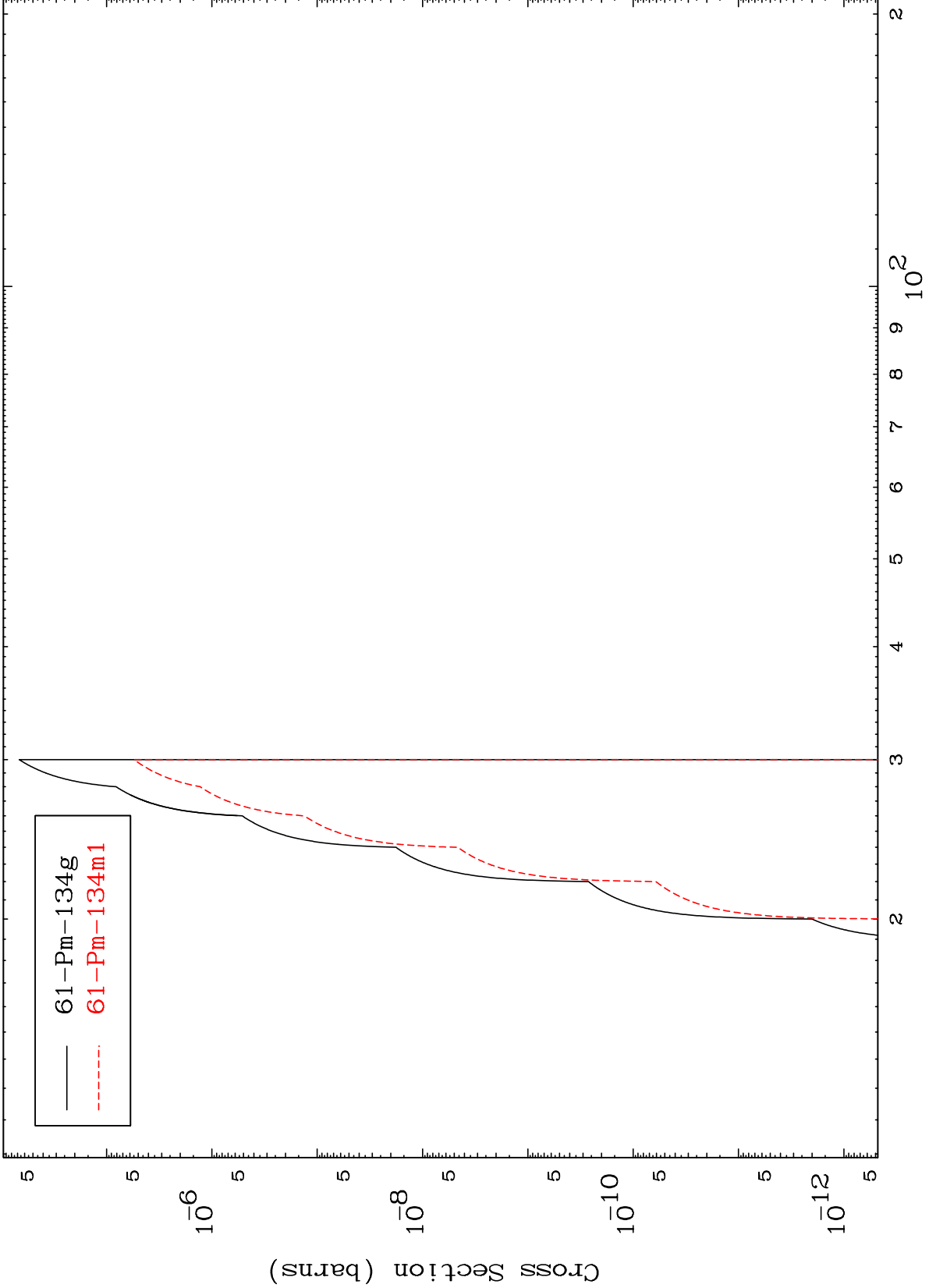
61-Pm-133m

MAT 6108

(n,He-3)

61-Pm-133m

Radionuclide Production Cross Section



13

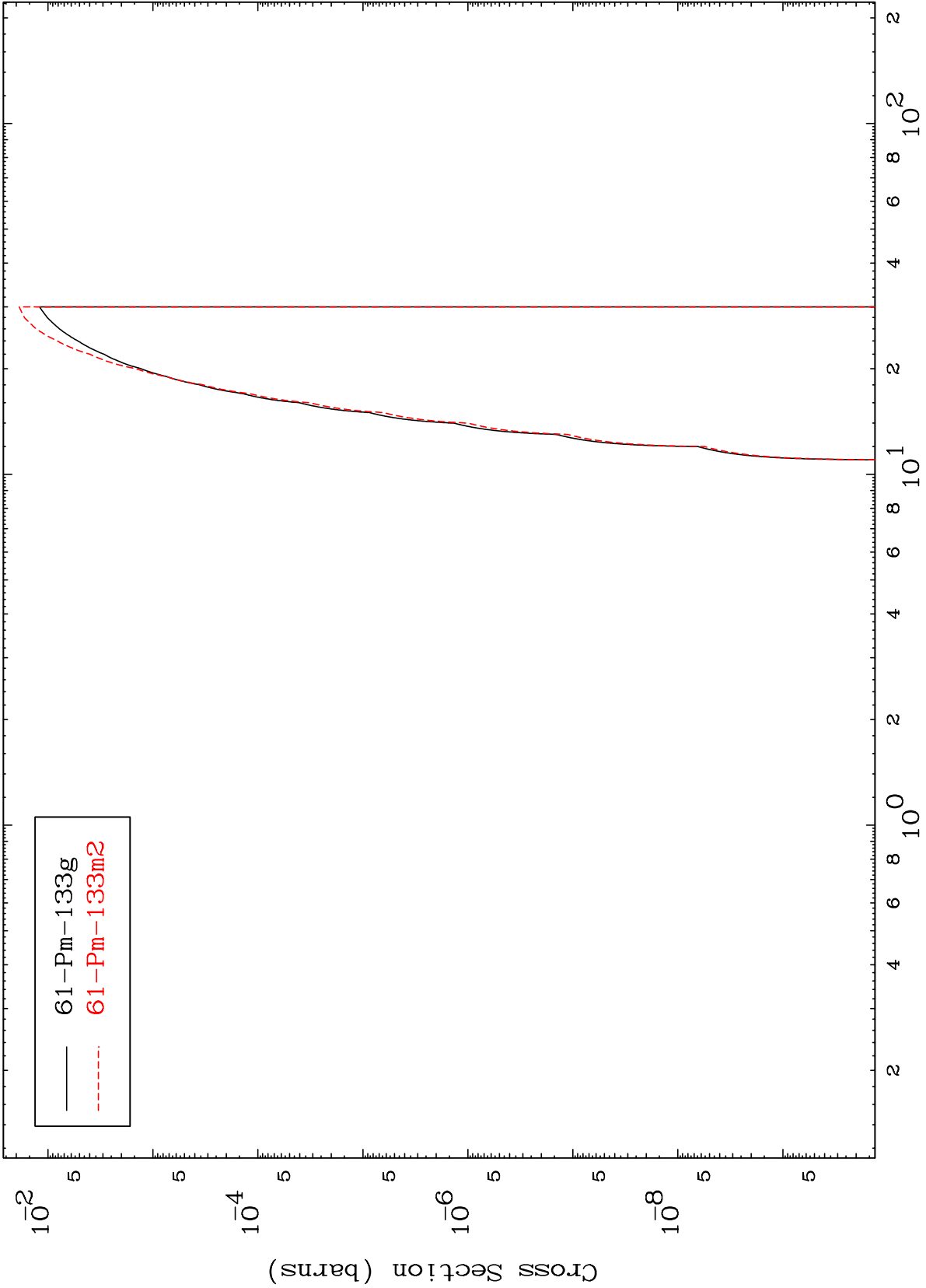
Incident Energy (MeV)

61-Pm-133m

MAT 6108

61-Pm-133m

Radionuclide Production Cross Section
(n, α)



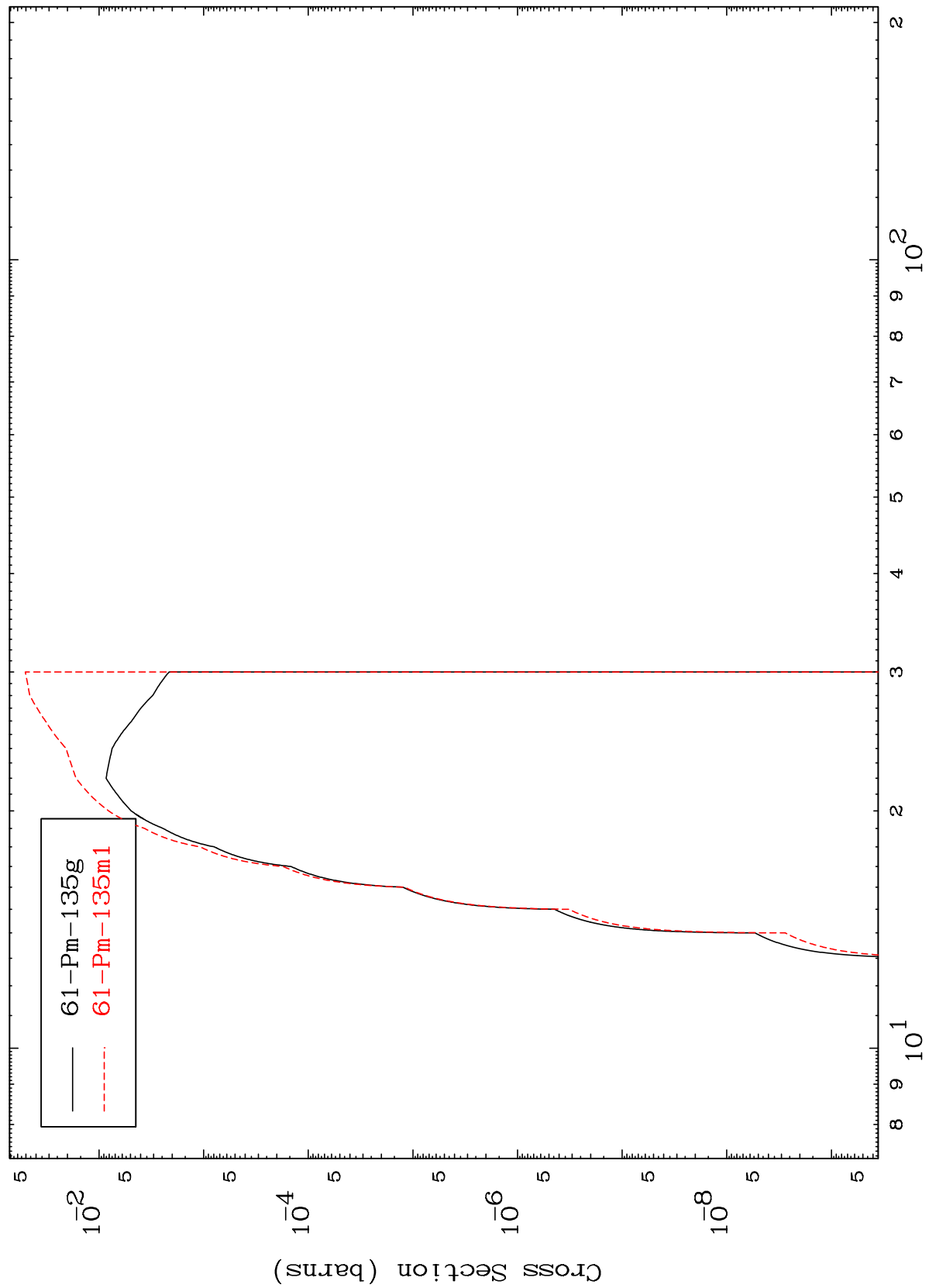
61-Pm-133m

Incident Energy (MeV)

MAT 6108

61-Pm-133m

(n,2p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

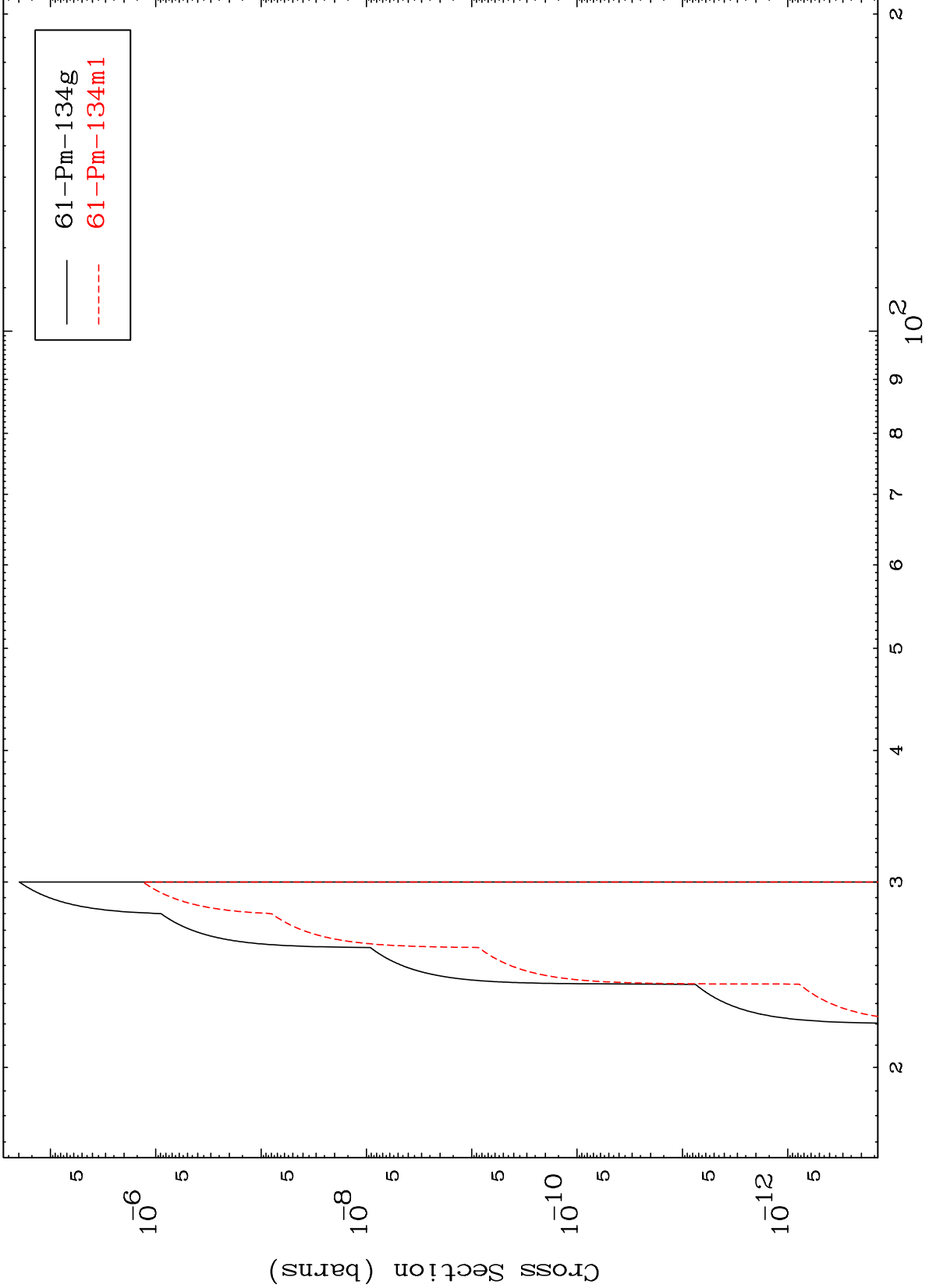
61-Pm-133m

MAT 6108

(n,p) d

61-Pm-133m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

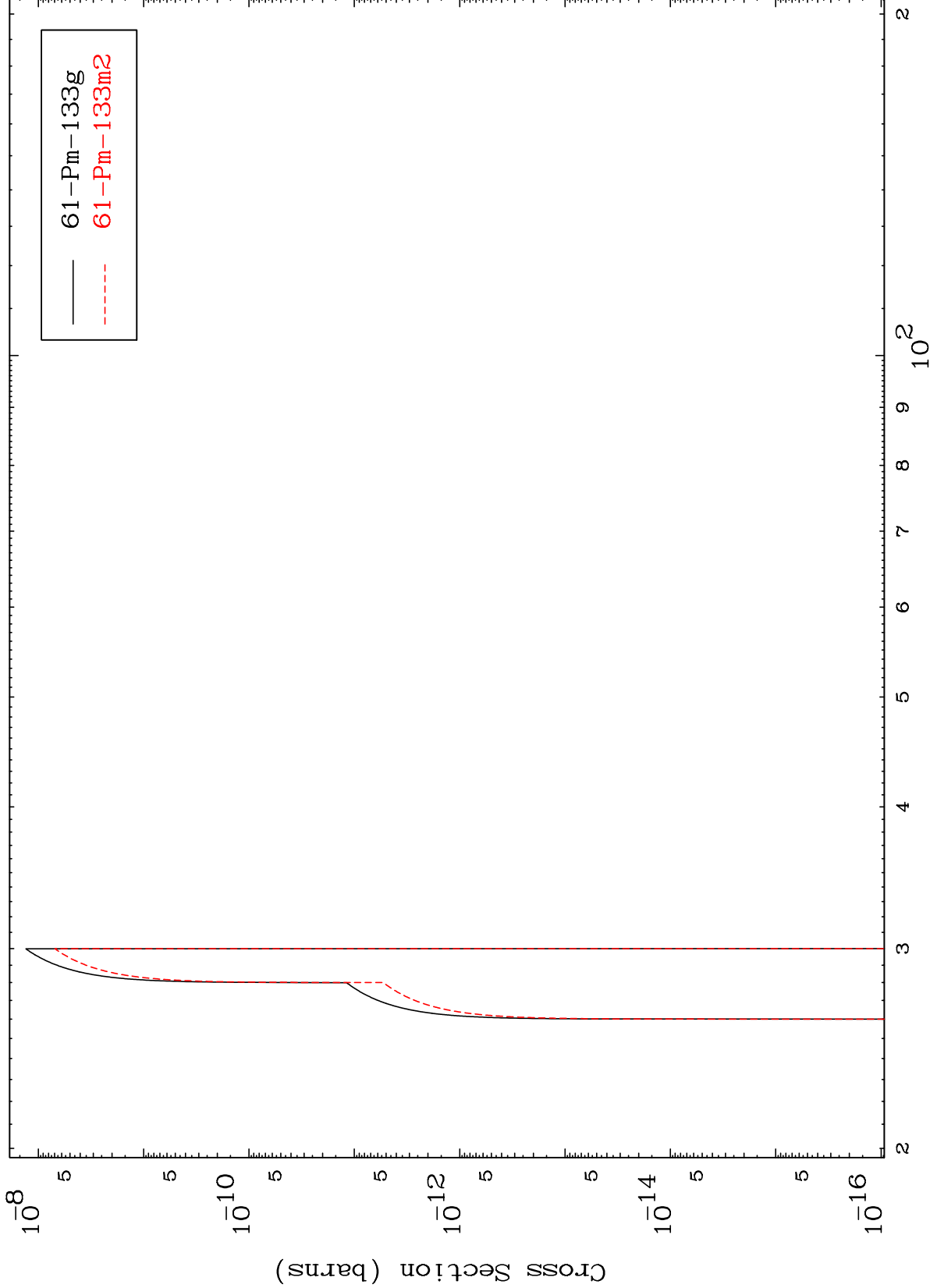
61-Pm-133m

MAT 6108

(n,p) t

61-Pm-133m

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2

17

Incident Energy (MeV)

61-Pm-133m