

Program EVALPLOT
(Version 2018-1)

by

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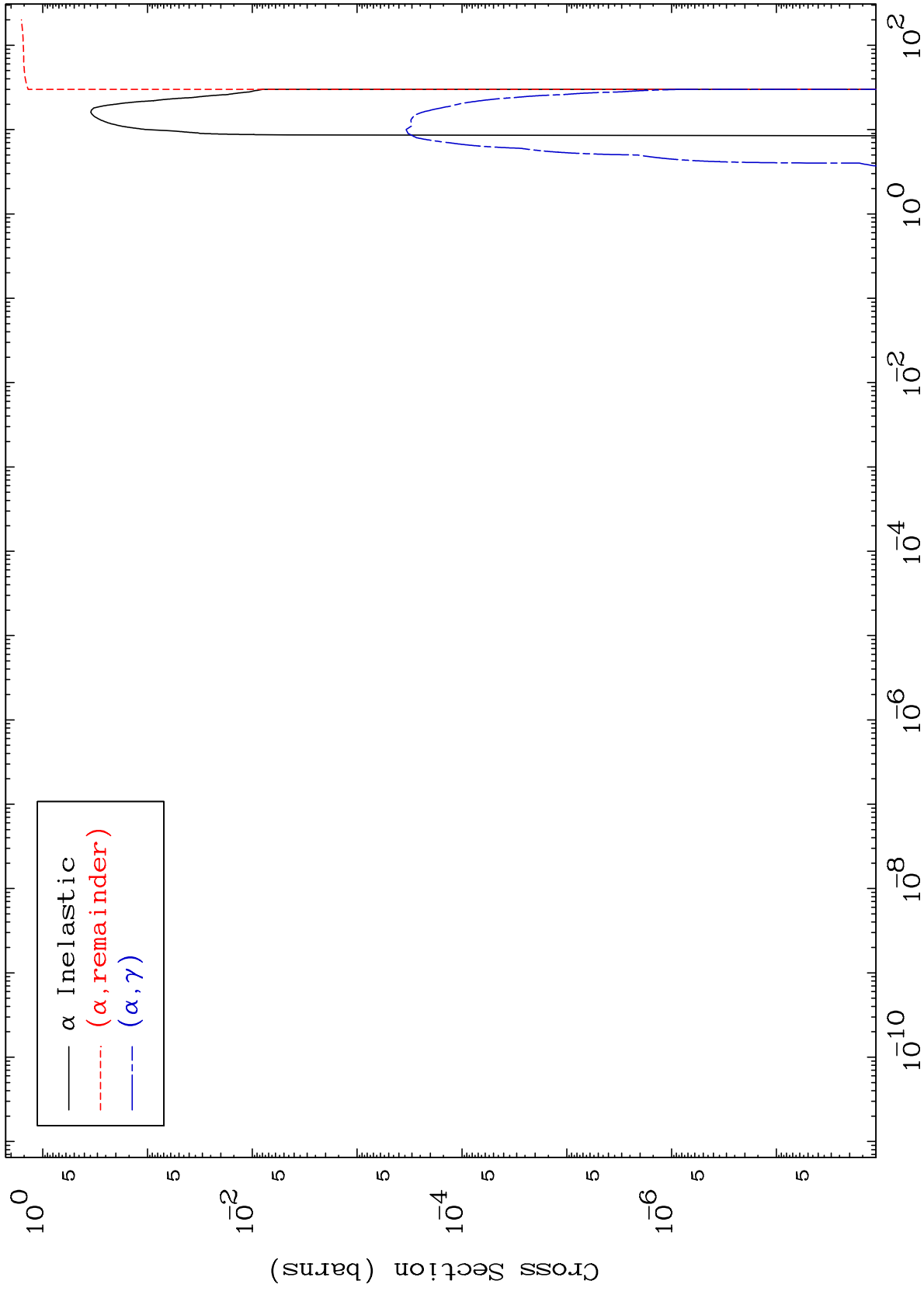
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2831

0 Kelvin α Major
Cross Sections

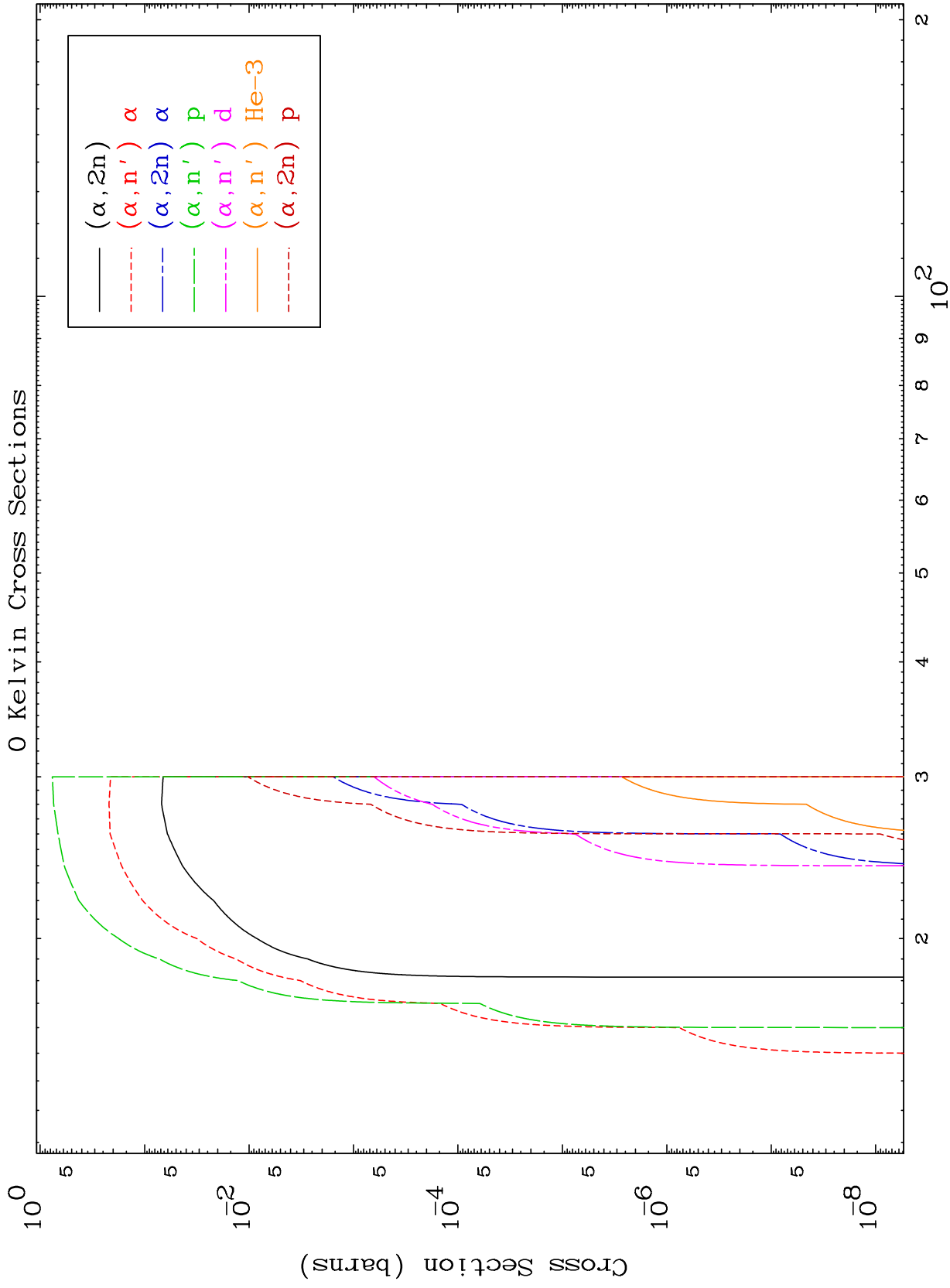
$^{28}\text{Ni-60}$



MAT 2831

α Neutron Production
0 Kelvin Cross Sections

28-Ni-60



2

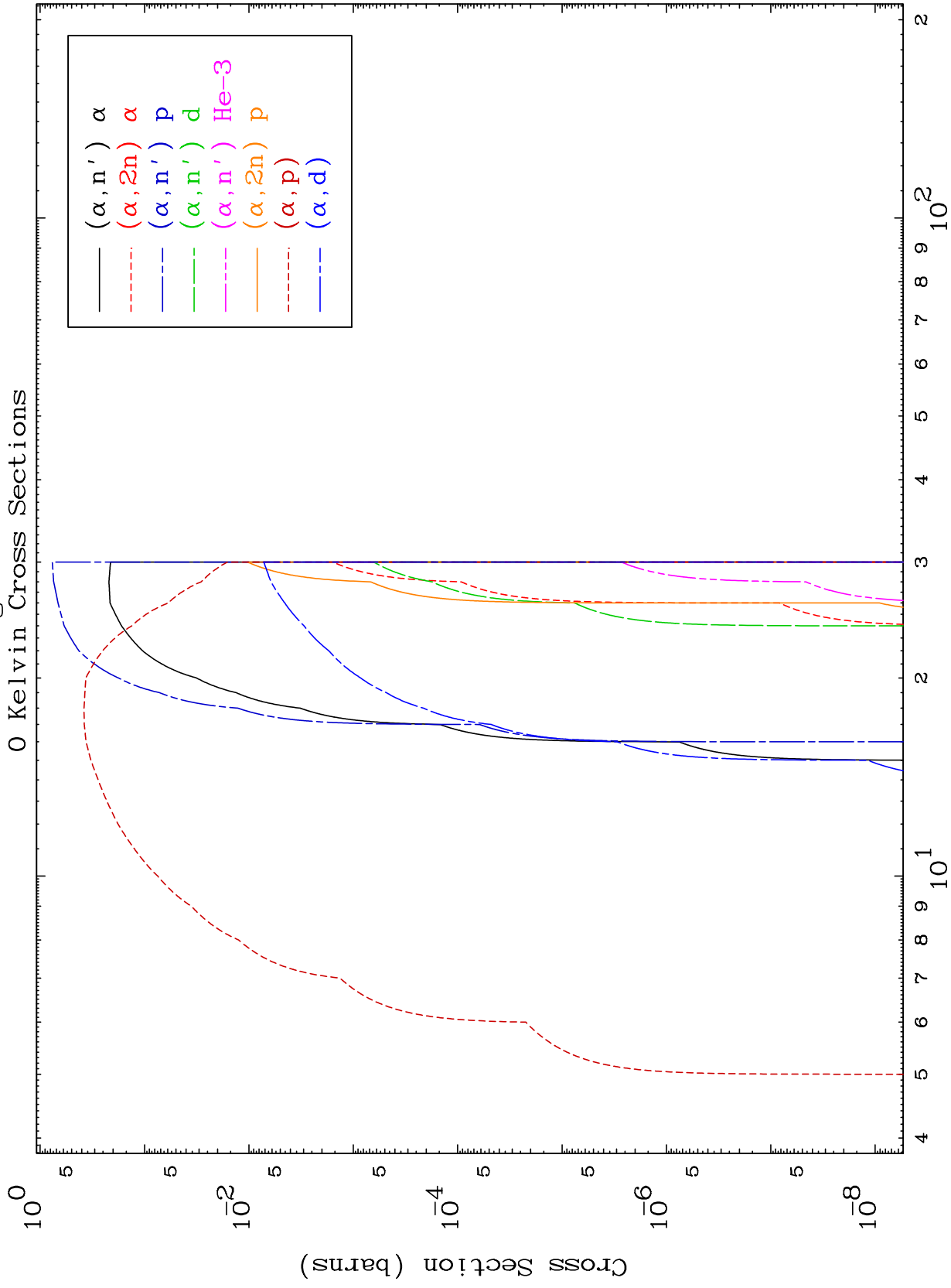
Incident Energy (MeV)

28-Ni-60

MAT 2831

α Charged Particle
0 Kelvin Cross Sections

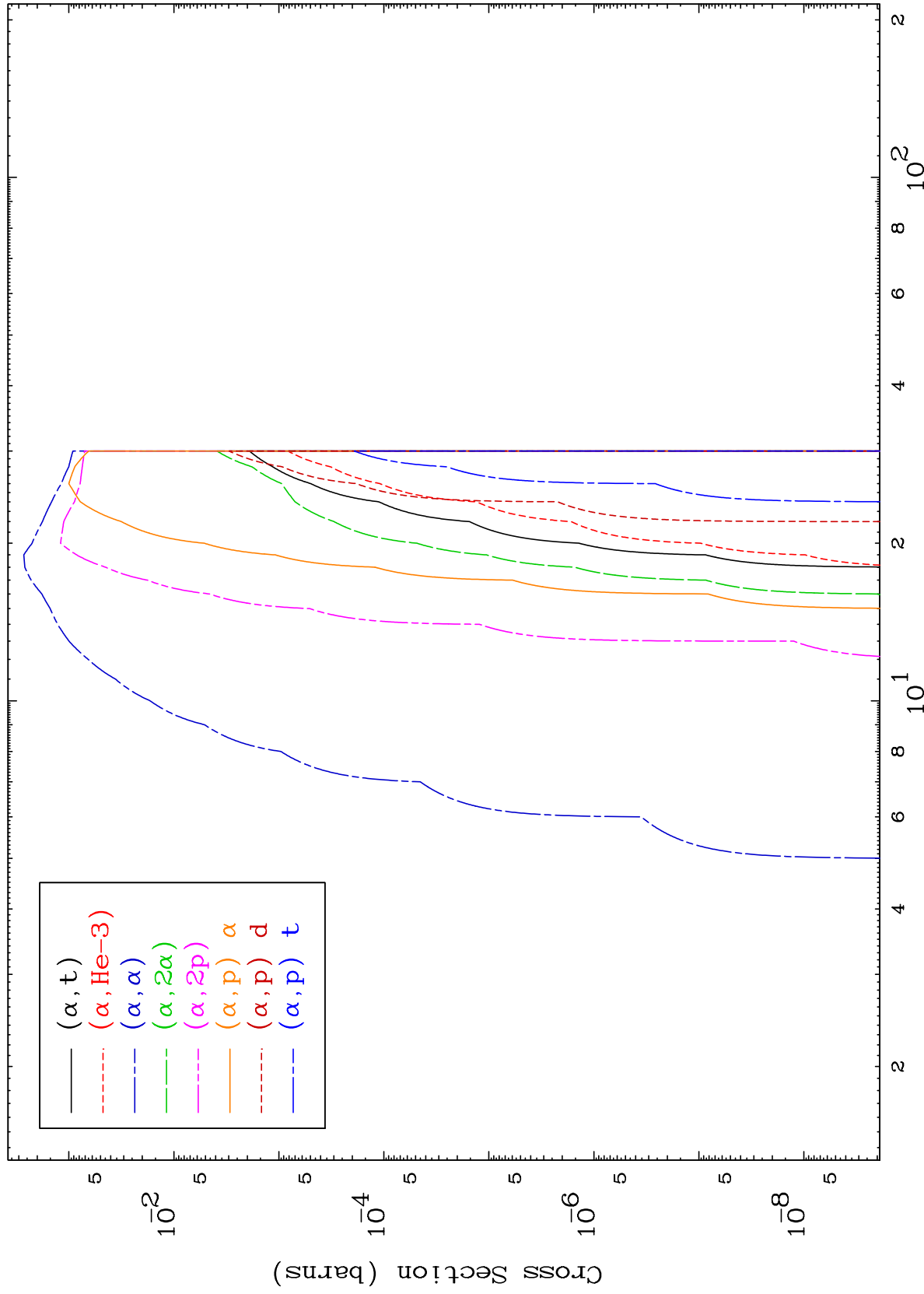
²⁸Ni-60



3

Incident Energy (MeV)

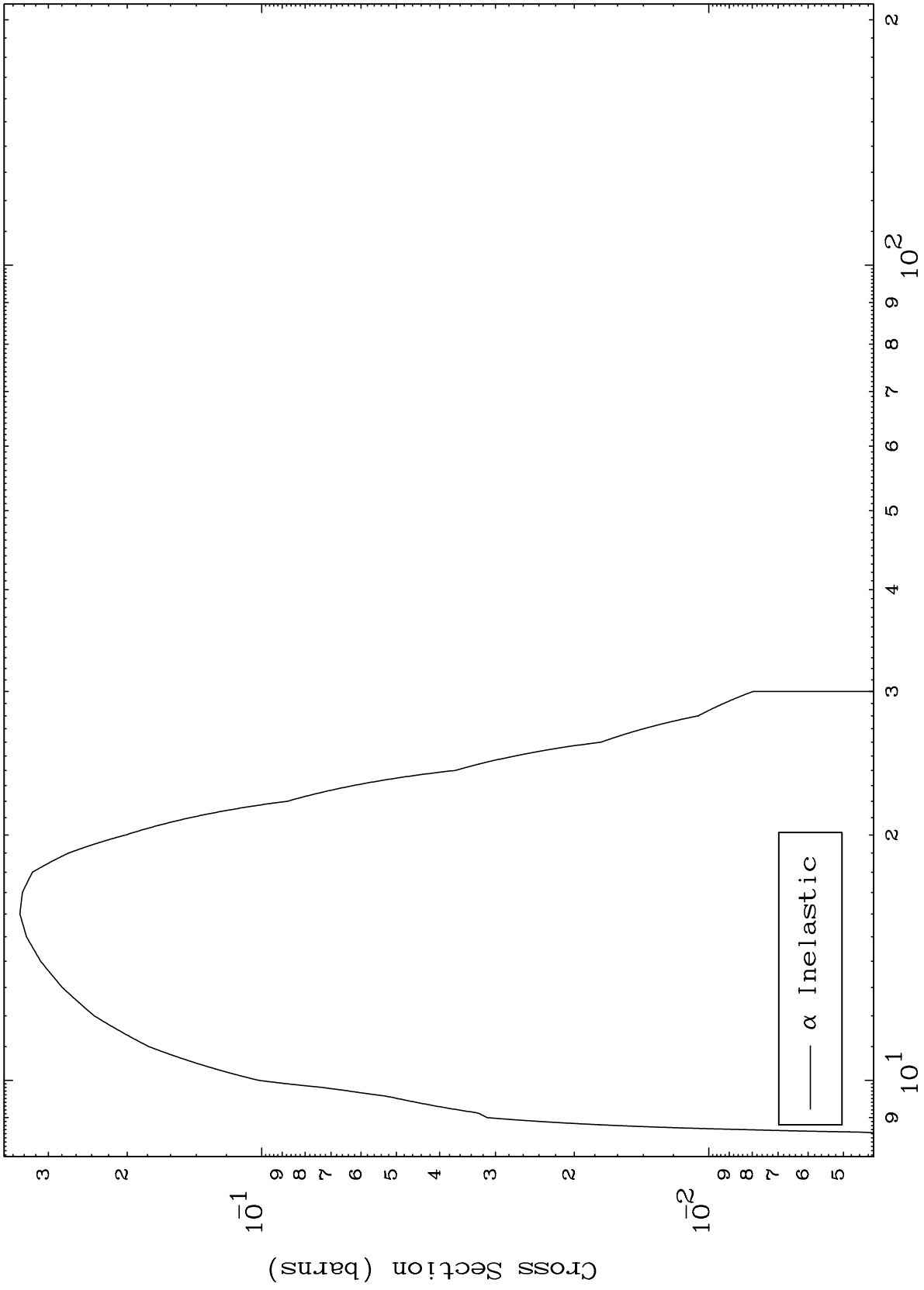
²⁸Ni-60



MAT 2831

(α, n') Level
0 Kelvin Cross Sections

28-Ni-60



5

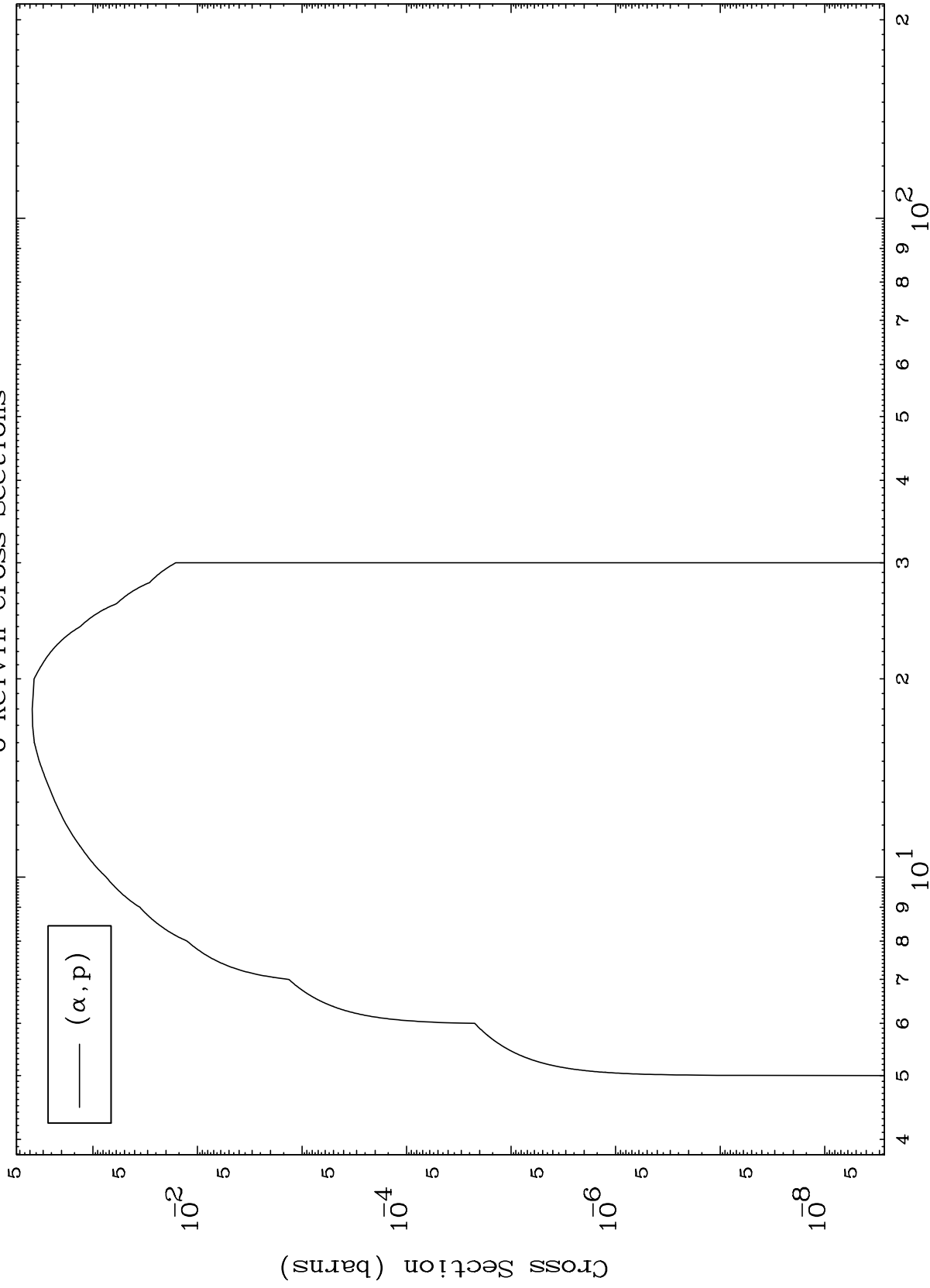
Incident Energy (MeV)

28-Ni-60

MAT 2831

(α, p) Levels
0 Kelvin Cross Sections

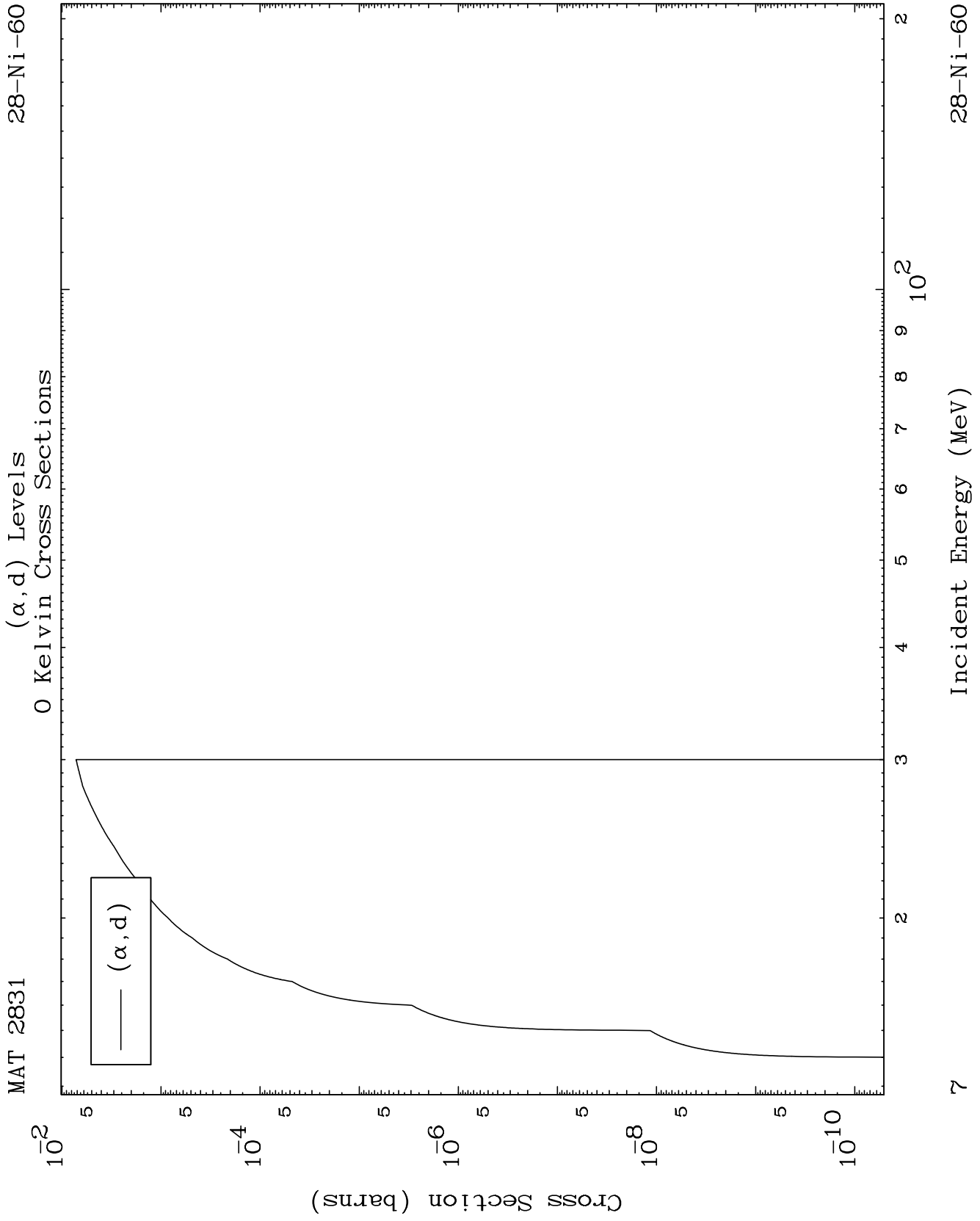
28-Ni-60



6

Incident Energy (MeV)

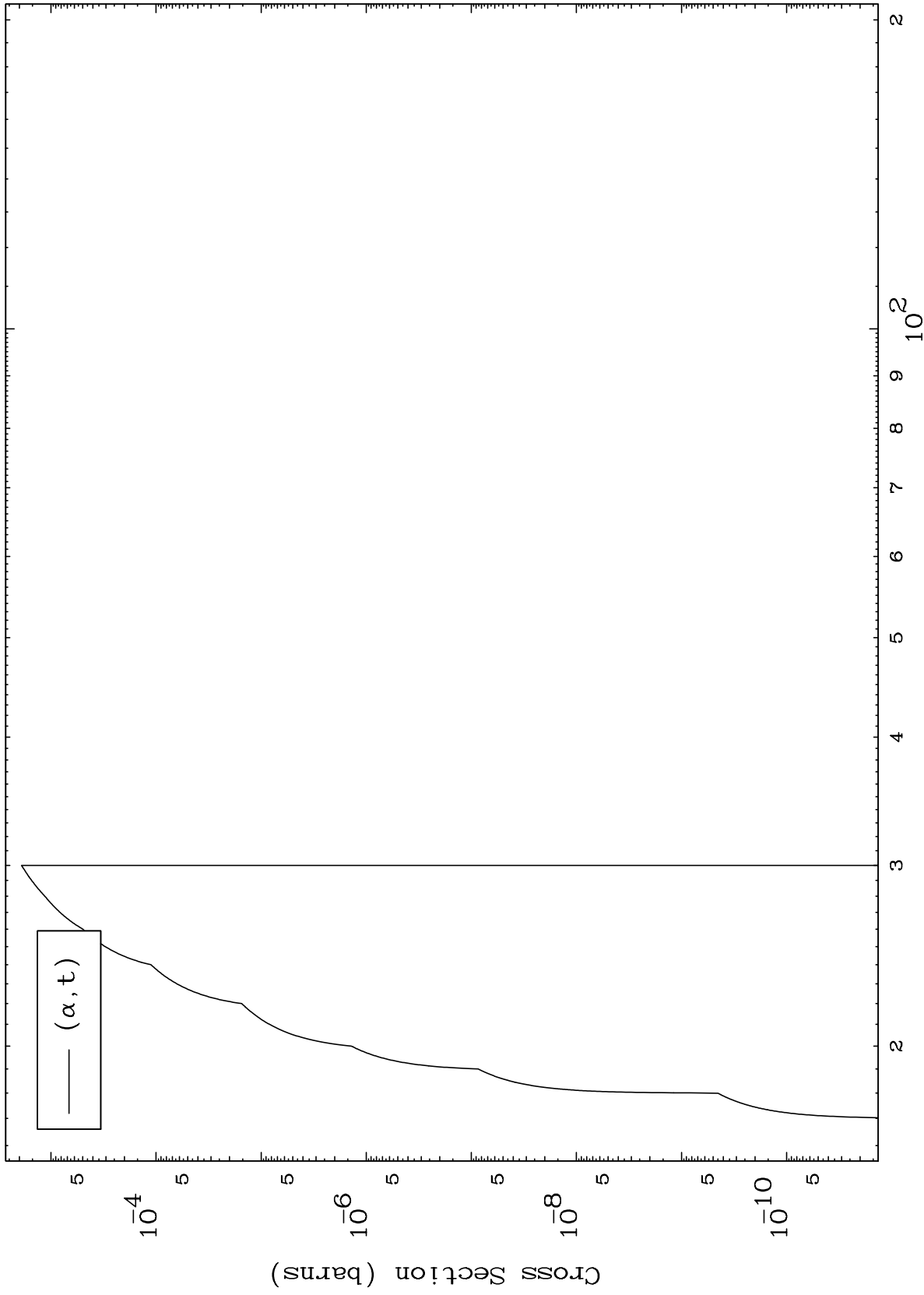
28-Ni-60



MAT 2831

(α, t) Levels
0 Kelvin Cross Sections

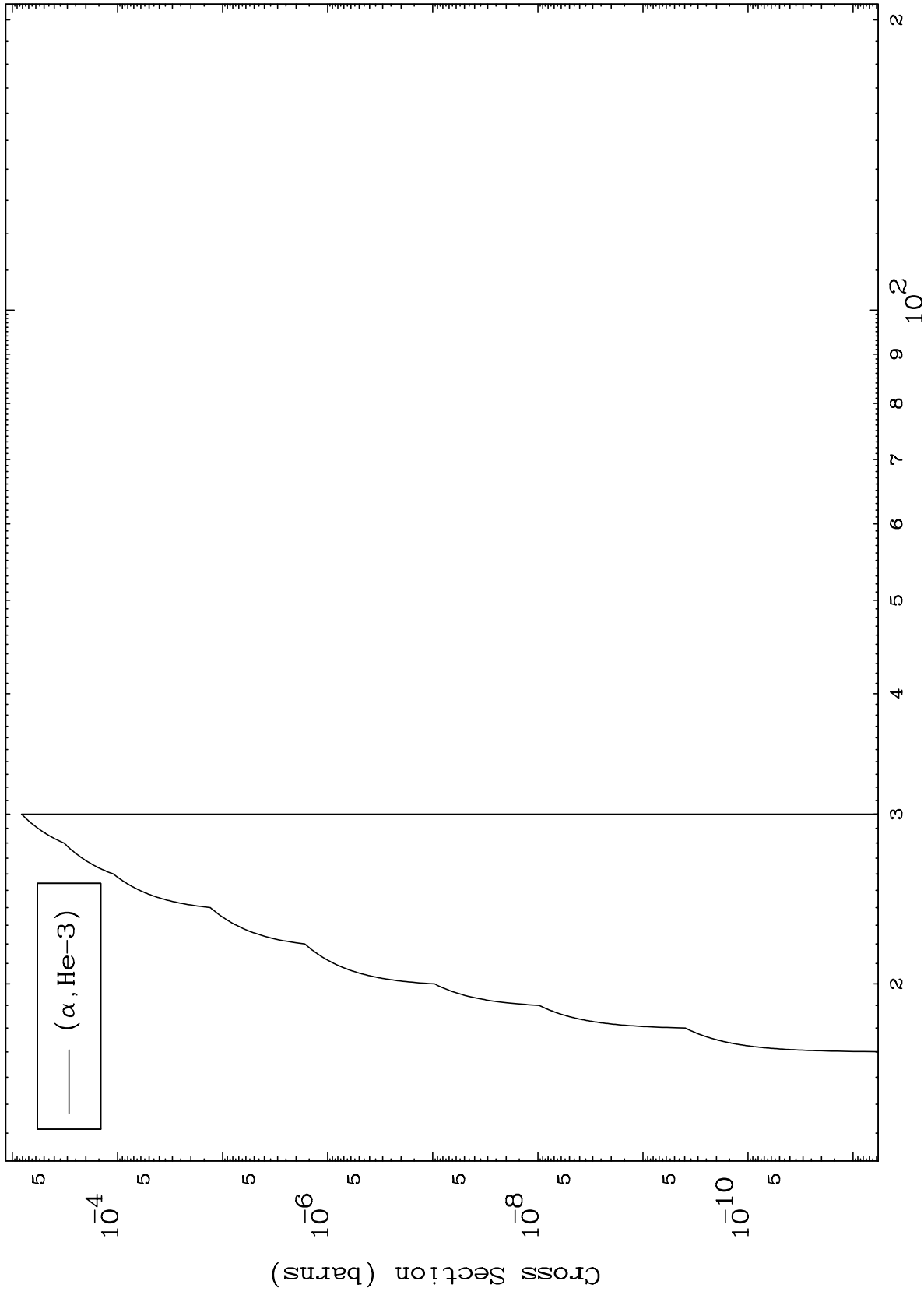
28-Ni-60



8

Incident Energy (MeV)

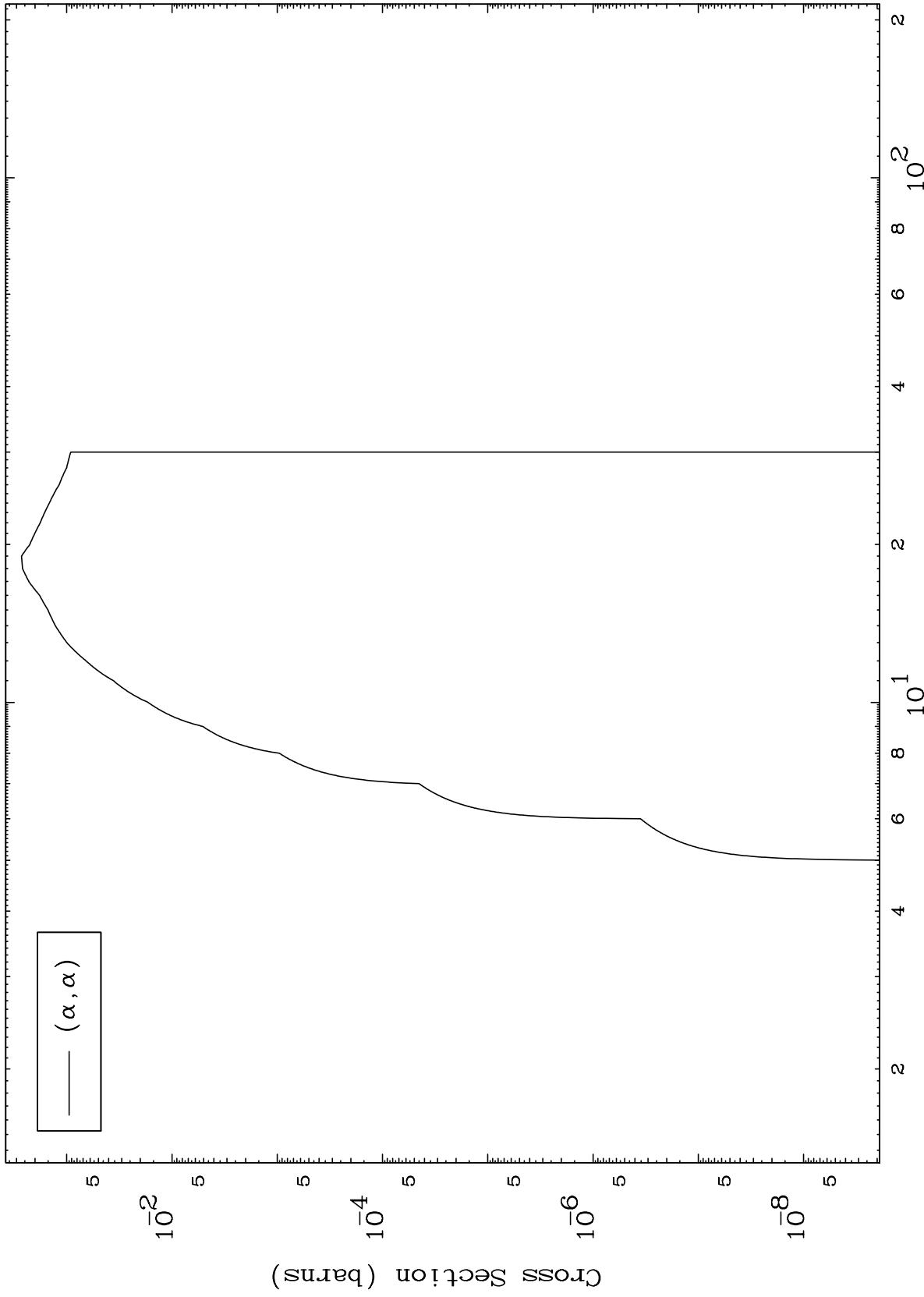
28-Ni-60



MAT 2831

(α, α) Levels
0 Kelvin Cross Sections

28-Ni-60



10

Incident Energy (MeV)

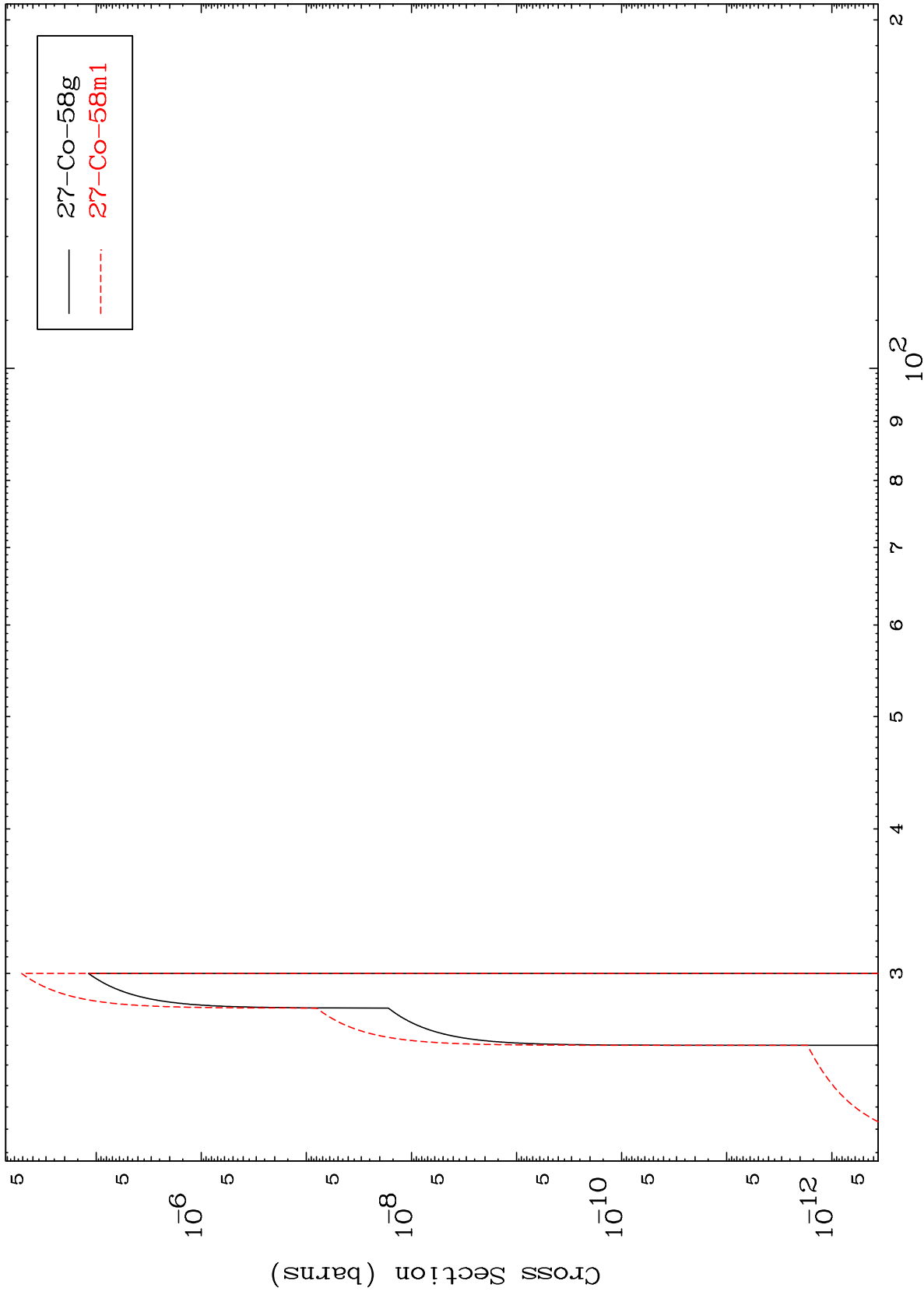
28-Ni-60

MAT 2831

(α, n') p α

28-Ni-60

Radionuclide Production Cross Section



11

Incident Energy (MeV)

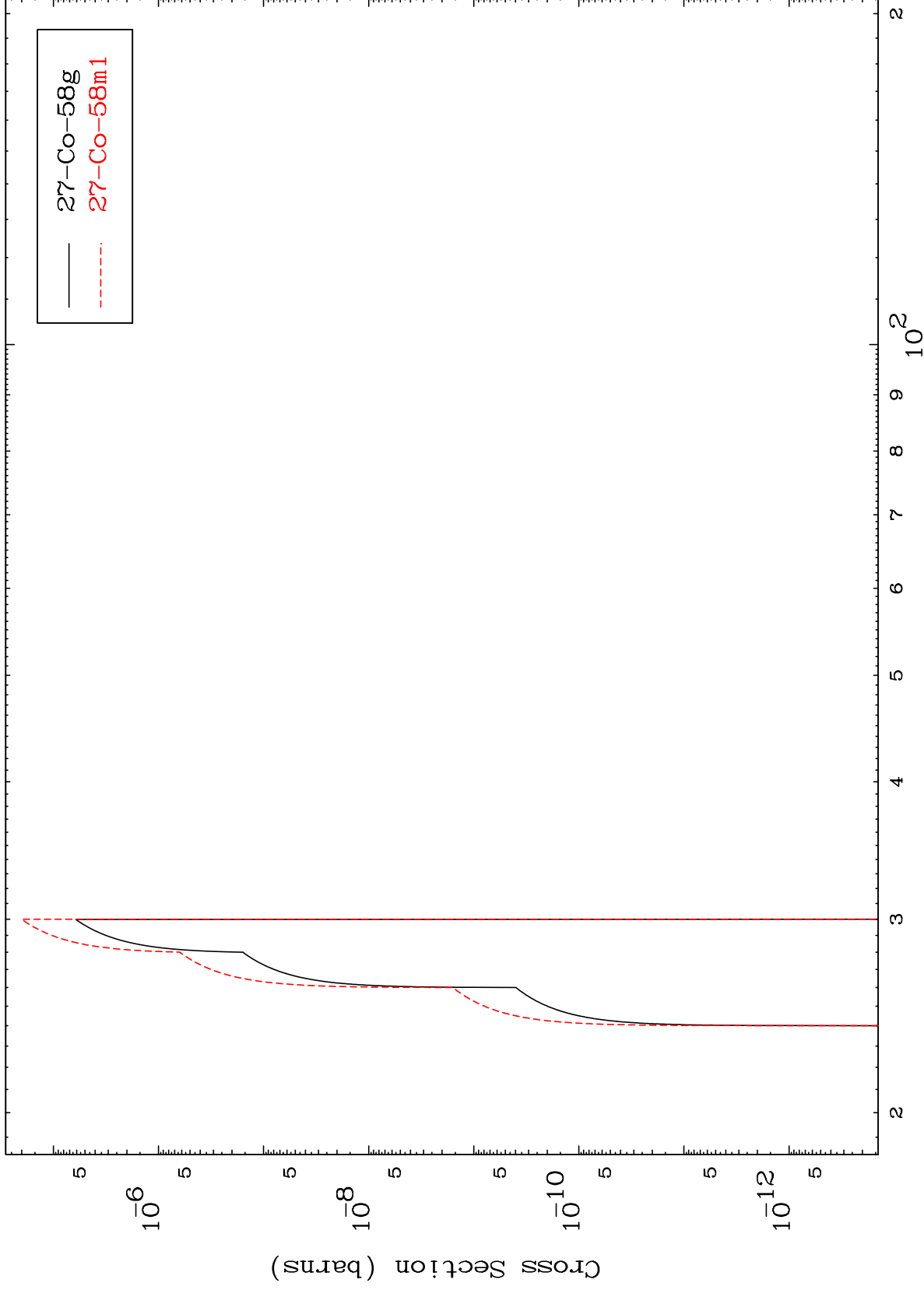
28-Ni-60

MAT 2831

(α, d) α

²⁸Ni-60

Radionuclide Production Cross Section



12

Incident Energy (MeV)

²⁸Ni-60