

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

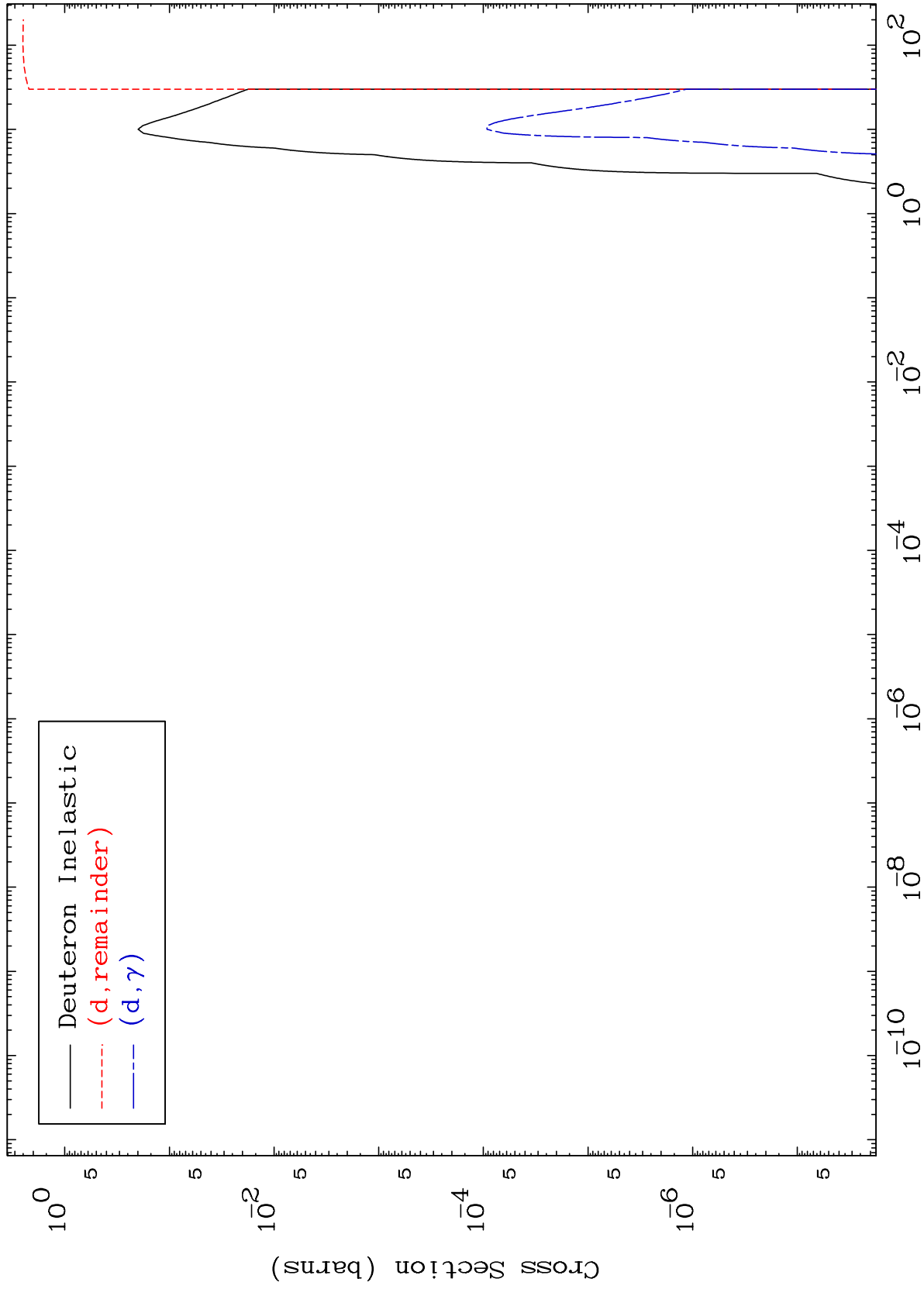
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Web:redcullen1.net/HOMEPAGE.NEW

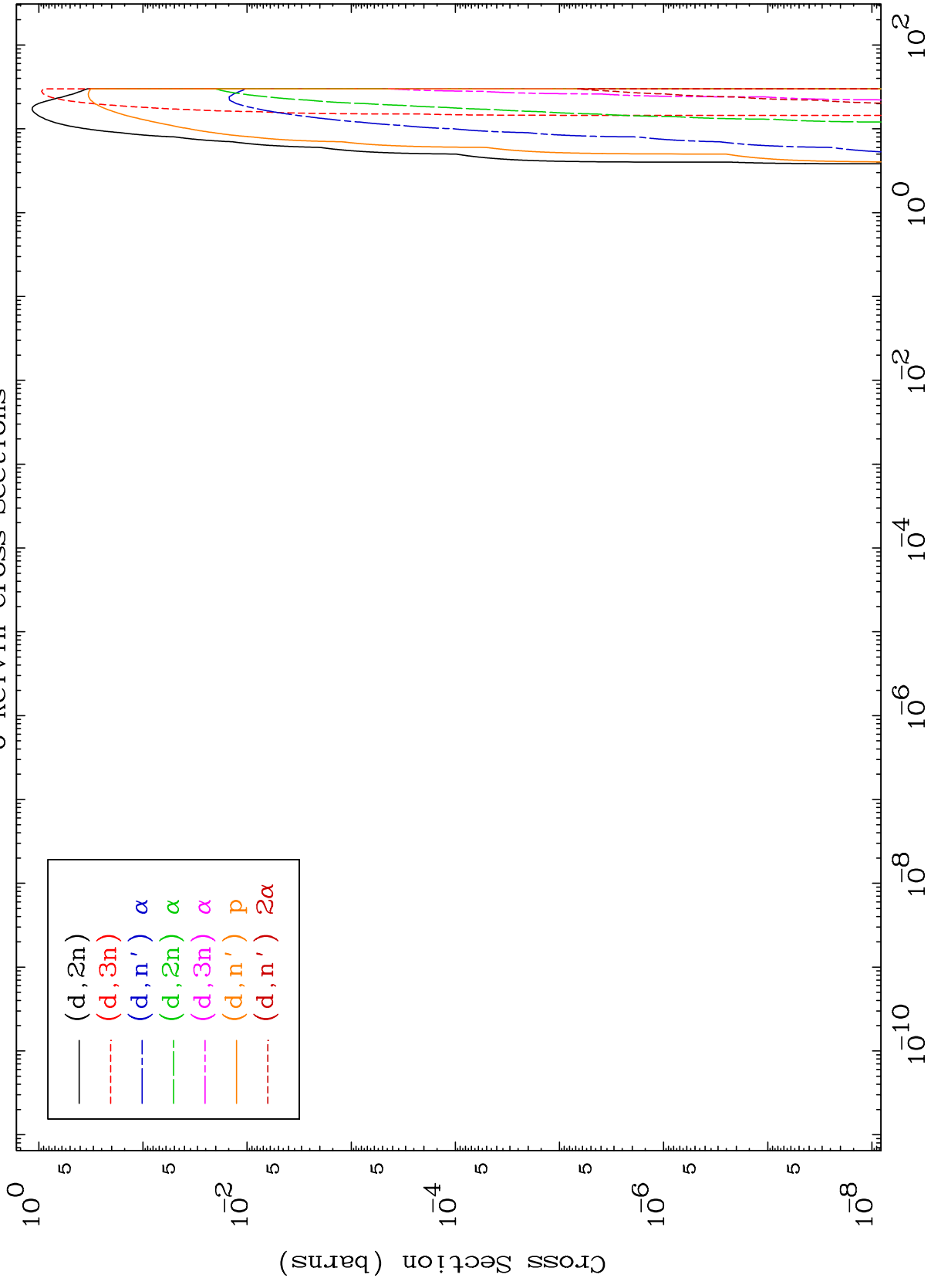
Press Mouse Button to Start



MAT 5917

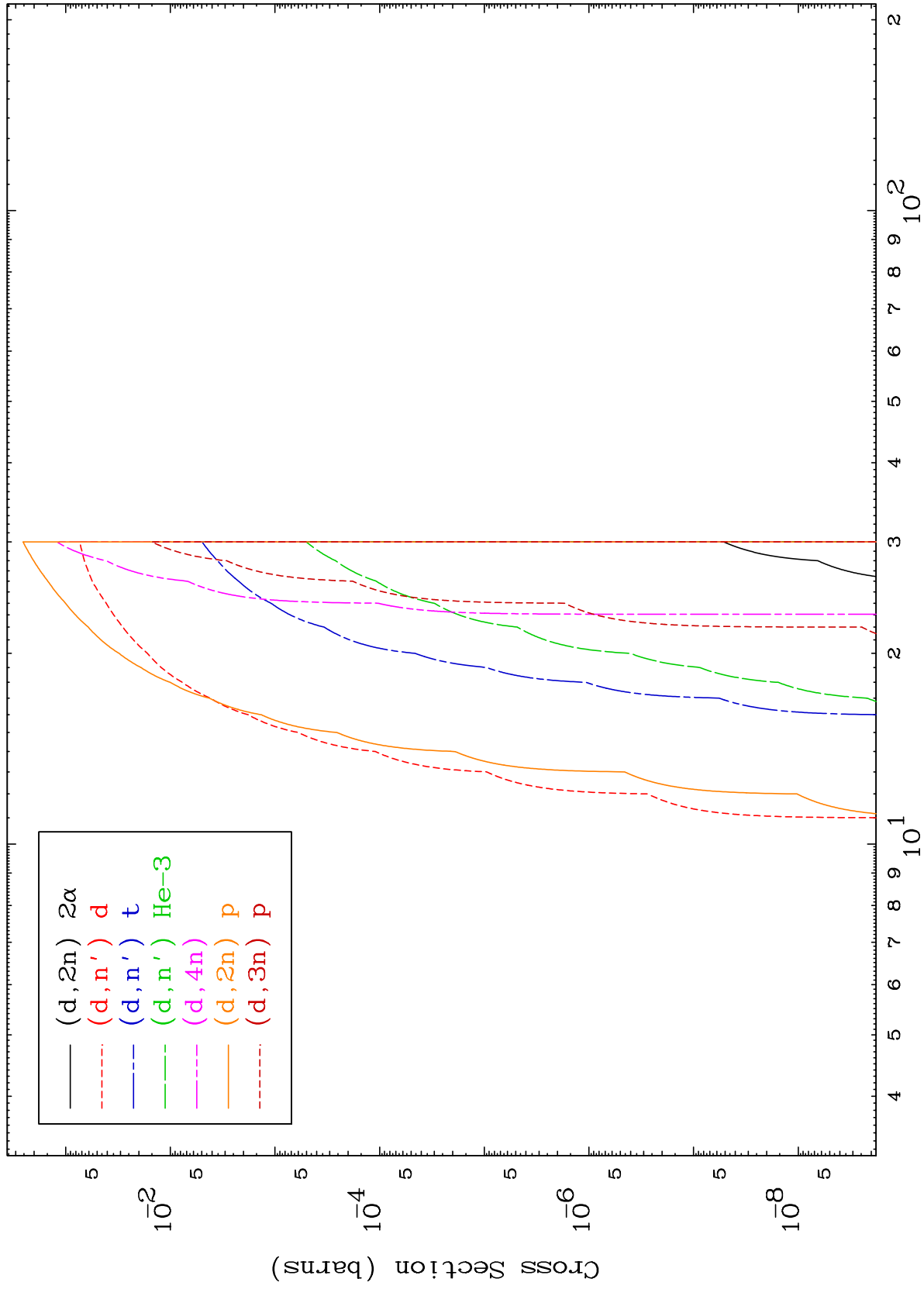
Deuteron Neutron Production
0 Kelvin Cross Sections

59-Pr-138



2

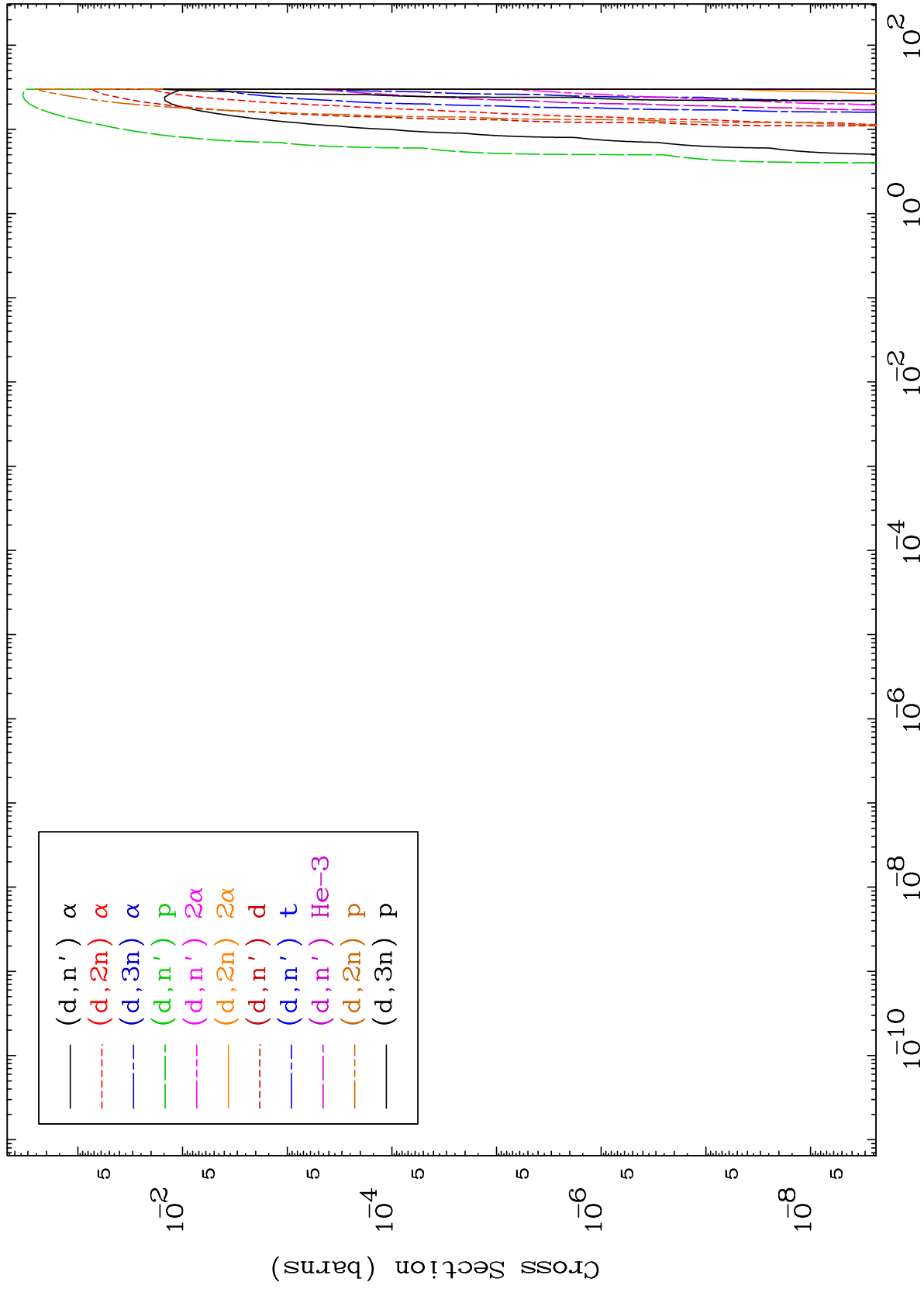
59-Pr-138



MAT 5917

Deuteron Charged Particle
0 Kelvin Cross Sections

59-Pr-138

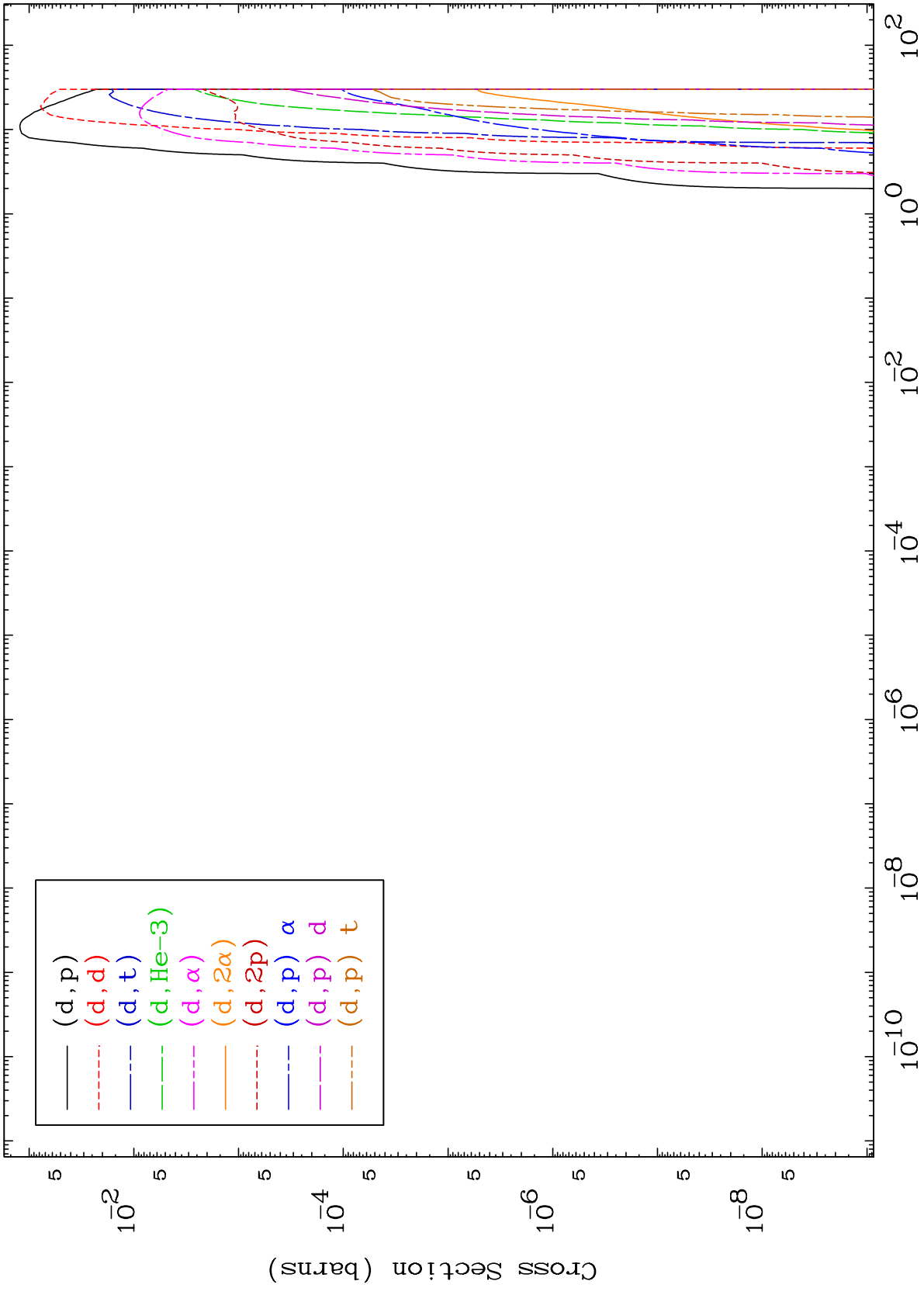


59-Pr-138

MAT 5917

Deuteron Charged Particle
0 Kelvin Cross Sections

59-Pr-138



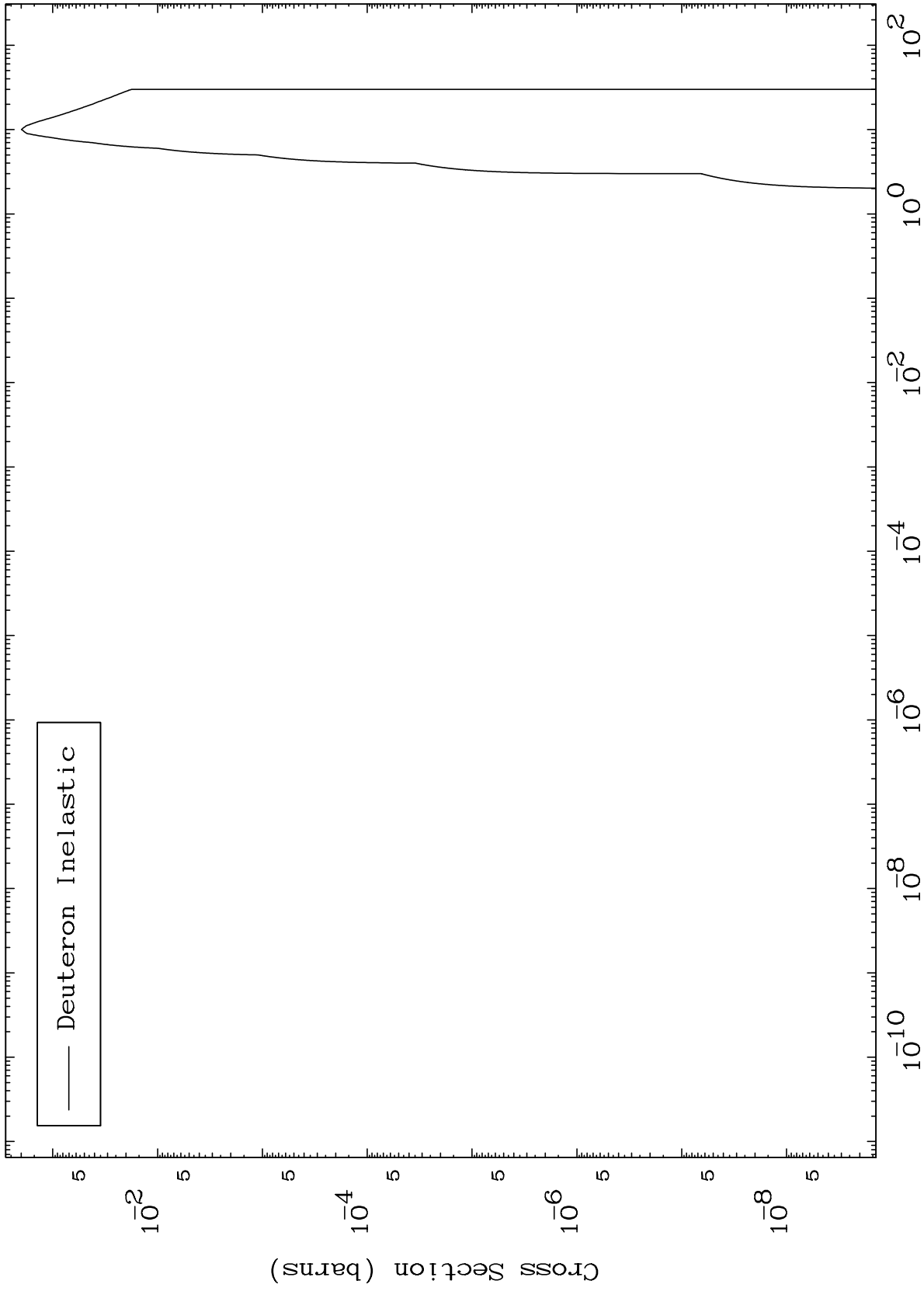
5

59-Pr-138

MAT 5917

(d,n') Level
0 Kelvin Cross Sections

59-Pr-138

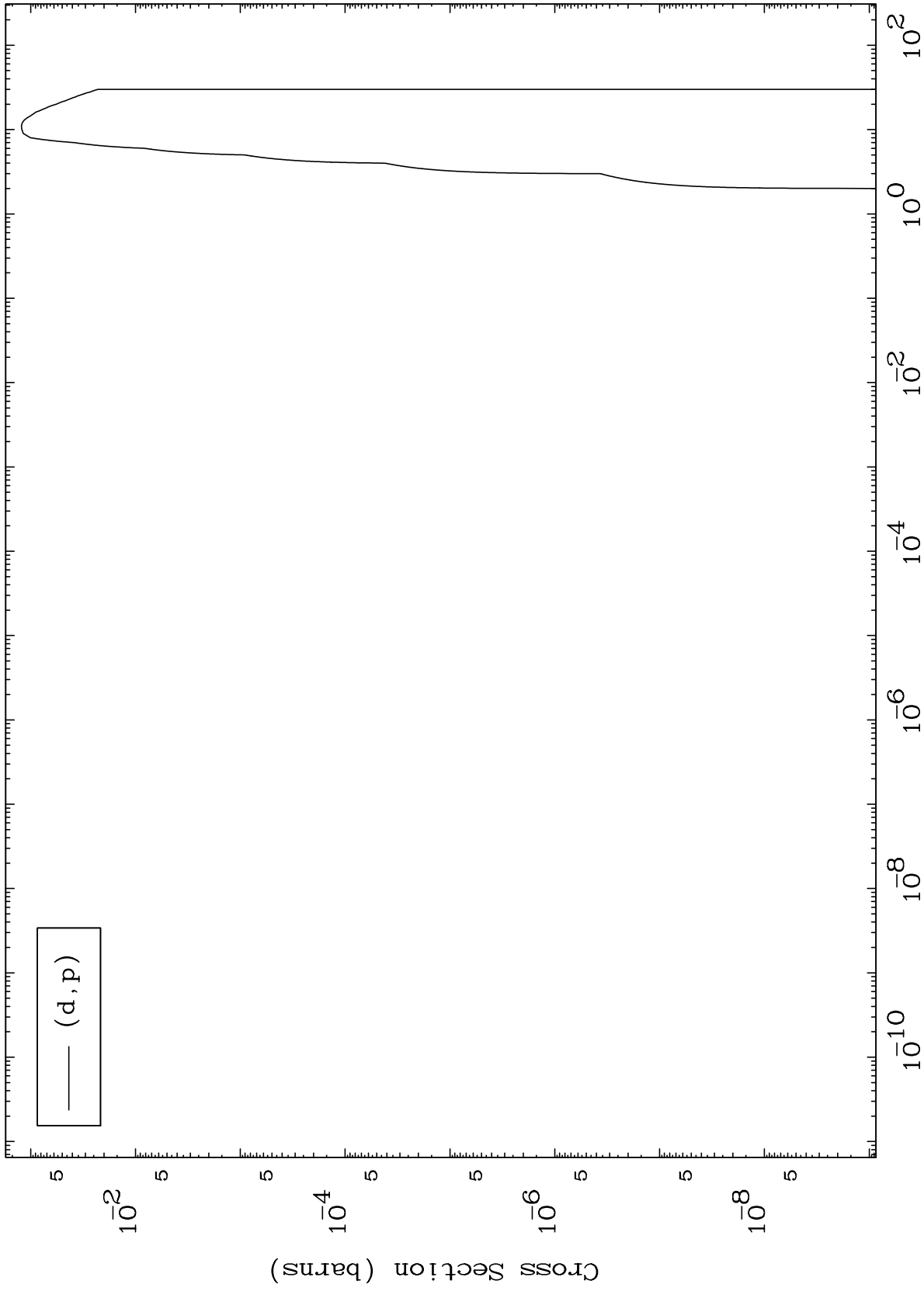


— Deuteron Inelastic

MAT 5917

(d,p) Levels
0 Kelvin Cross Sections

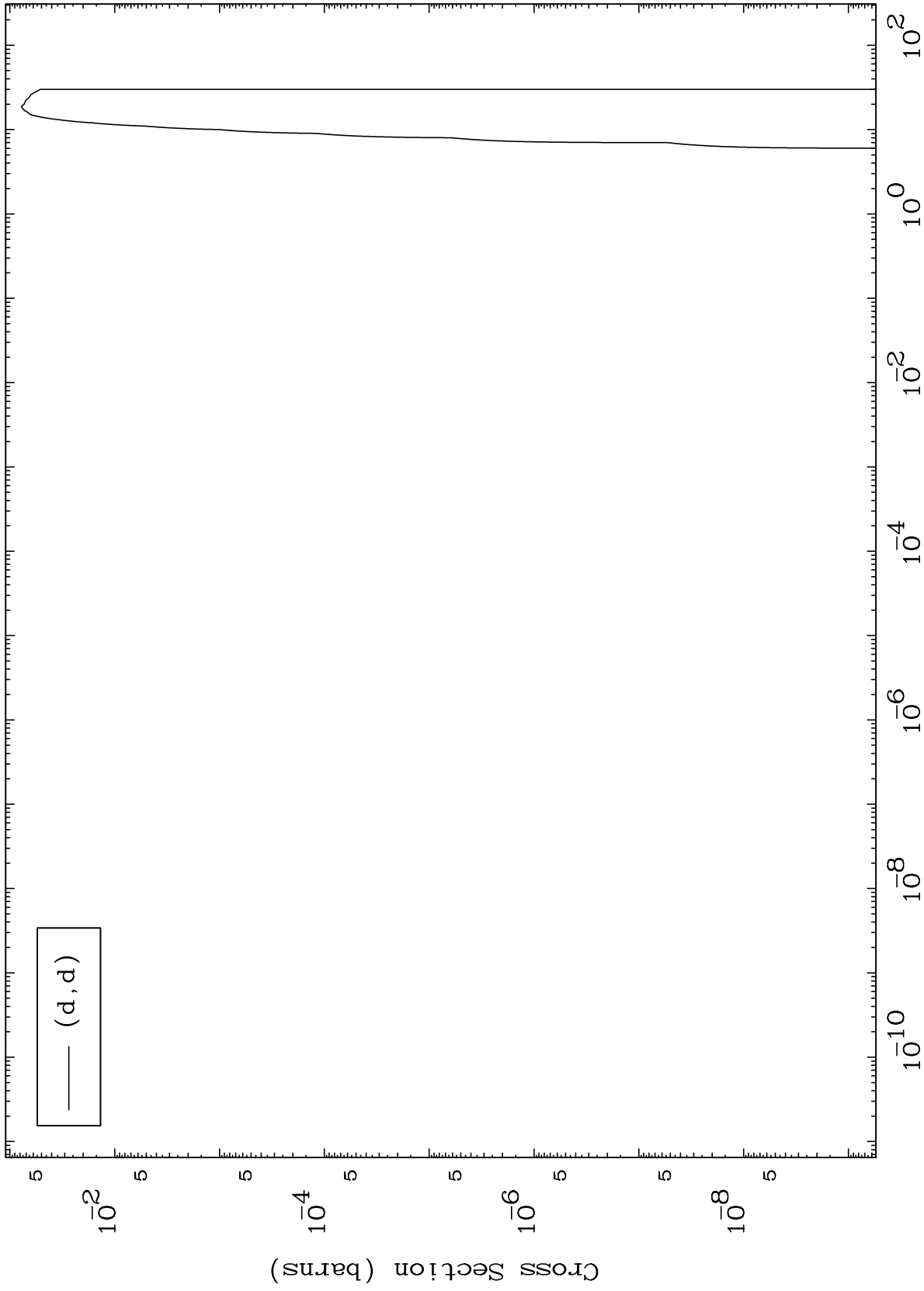
59-Pr-138

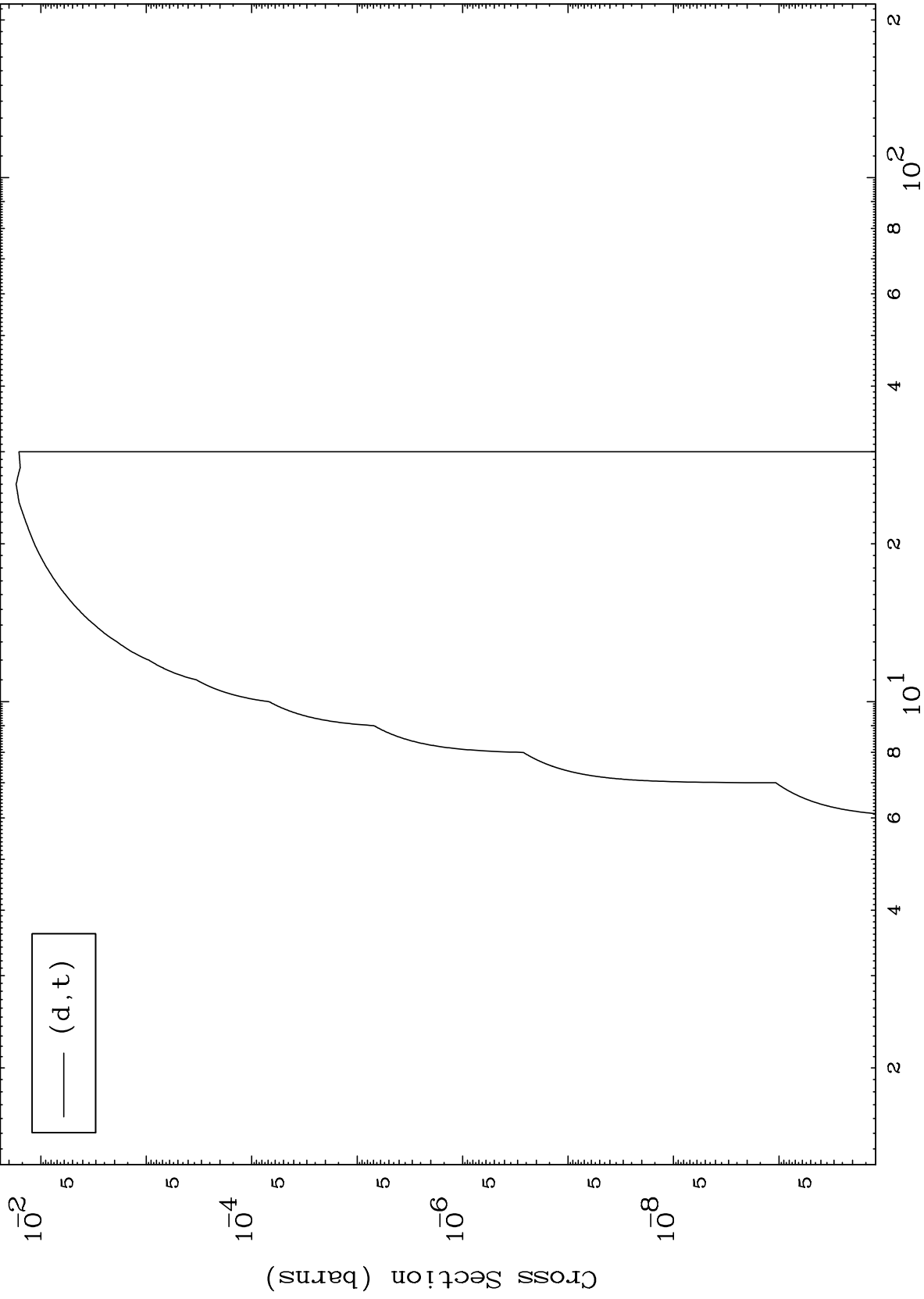


7

Incident Energy (MeV)

59-Pr-138

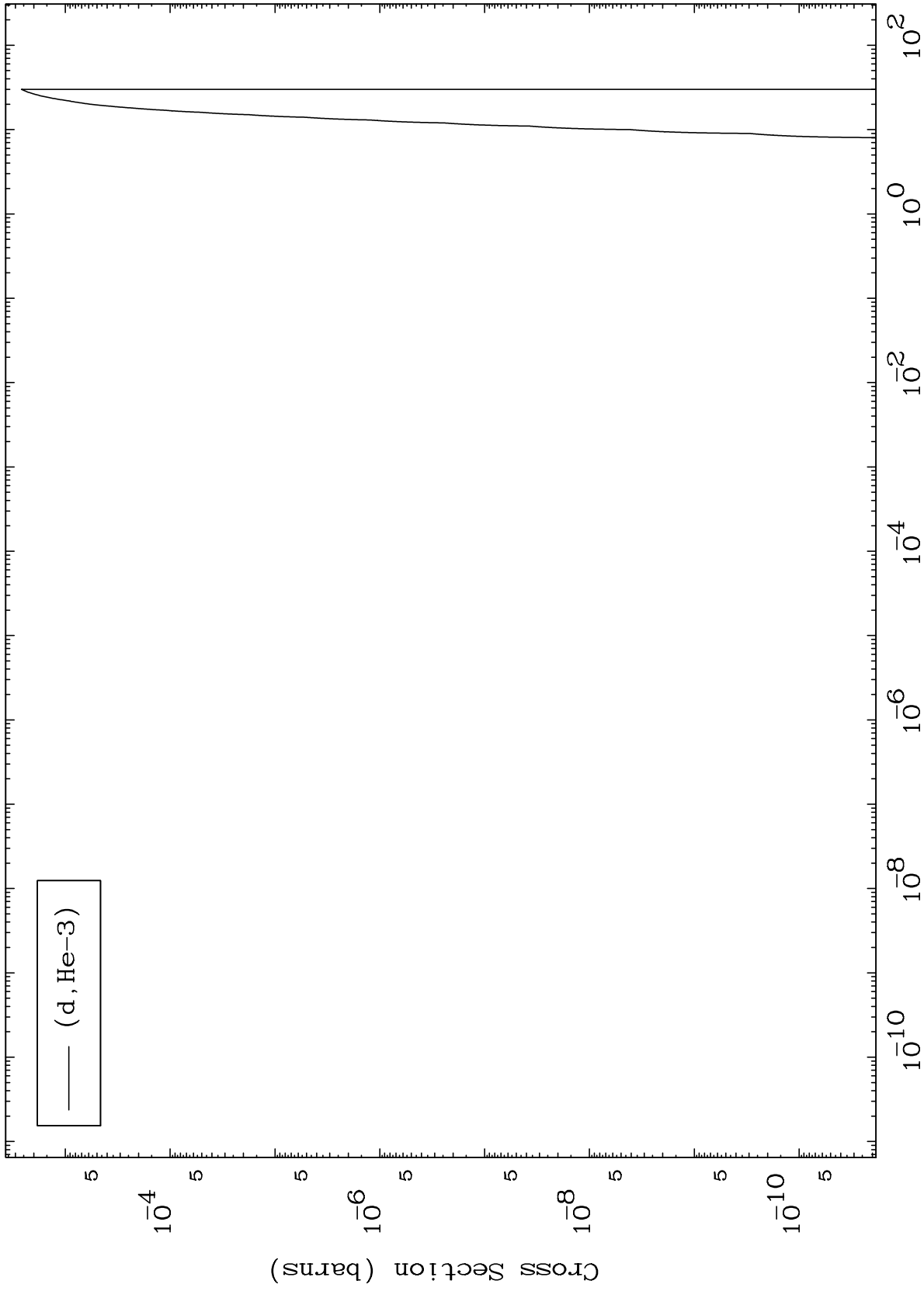




MAT 5917

(d,He3) Levels
0 Kelvin Cross Sections

59-Pr-138



10

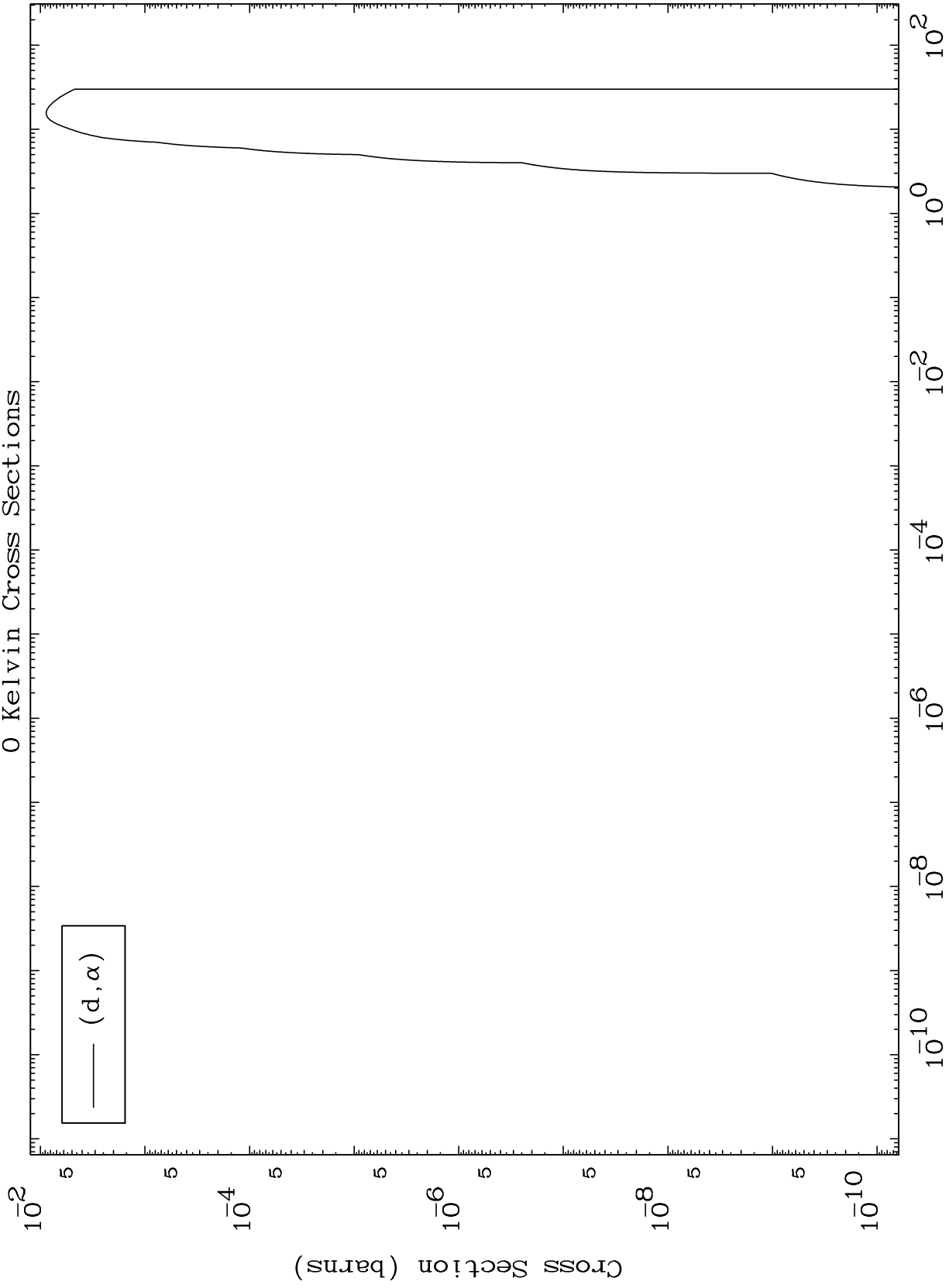
Incident Energy (MeV)

59-Pr-138

MAT 5917

(d, α) Levels
0 Kelvin Cross Sections

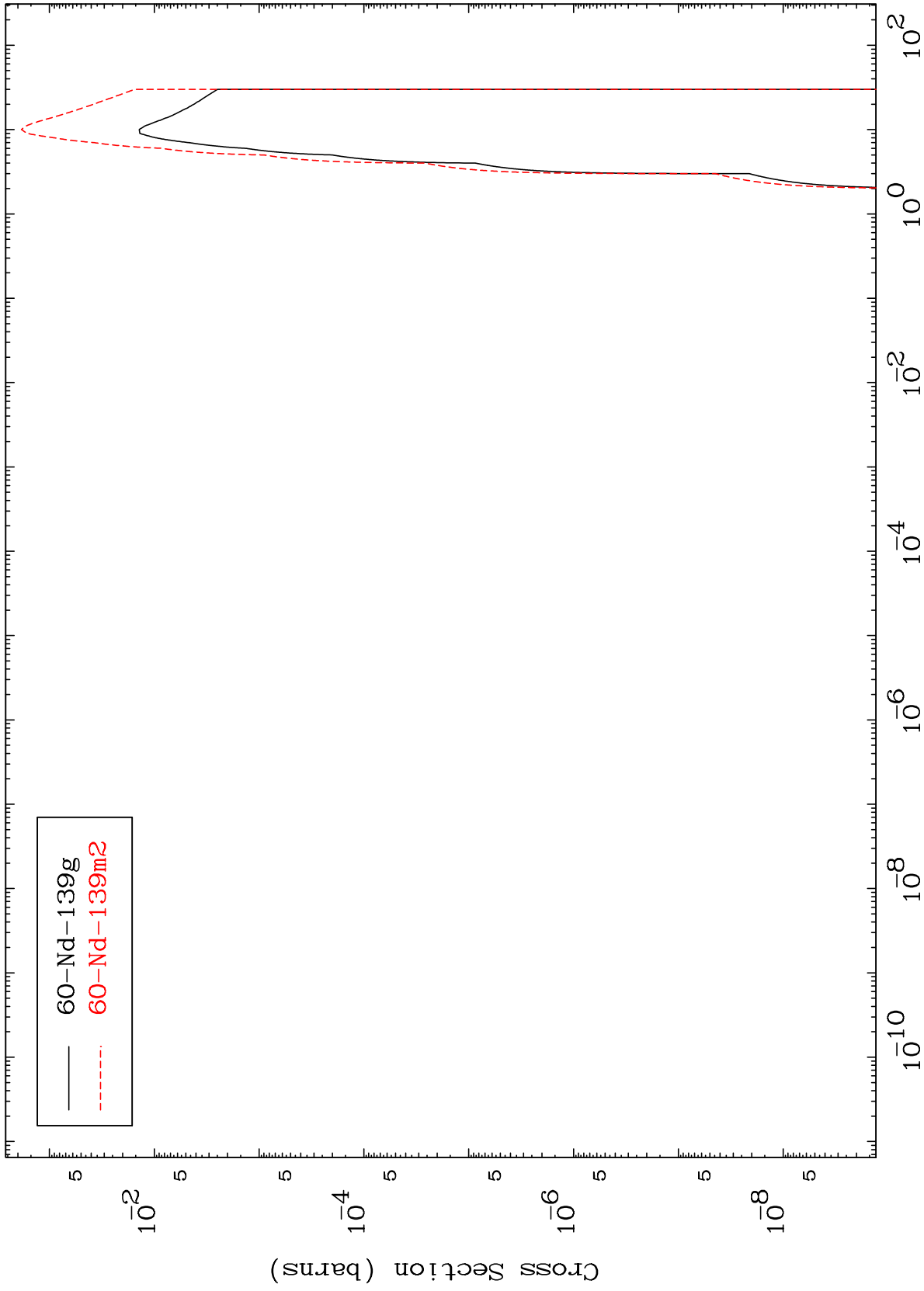
59-Pr-138



MAT 5917

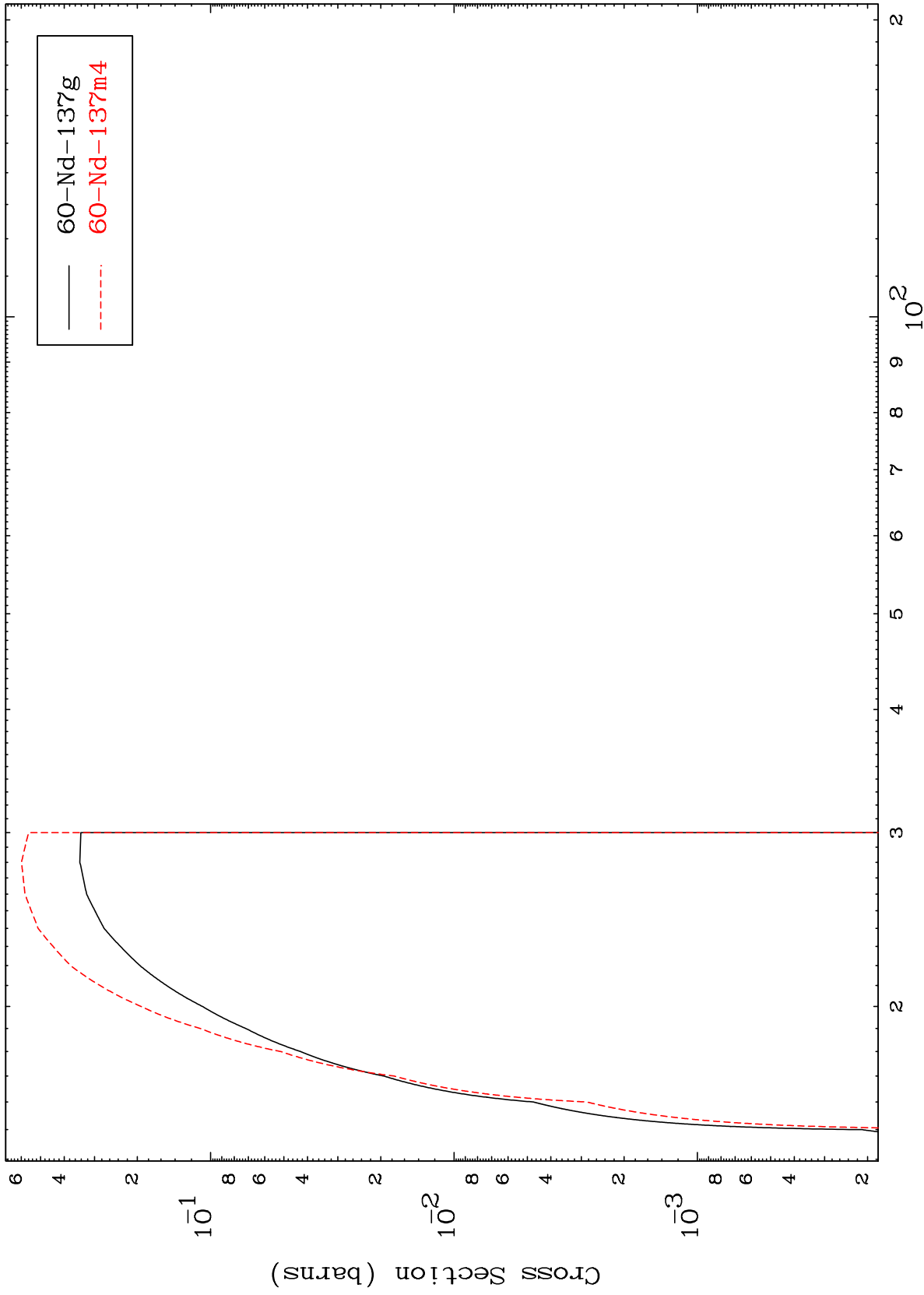
Deuteron Inelastic
Radionuclide Production Cross Section

59-Pr-138



59-Pr-138

Radionuclide Production Cross Section

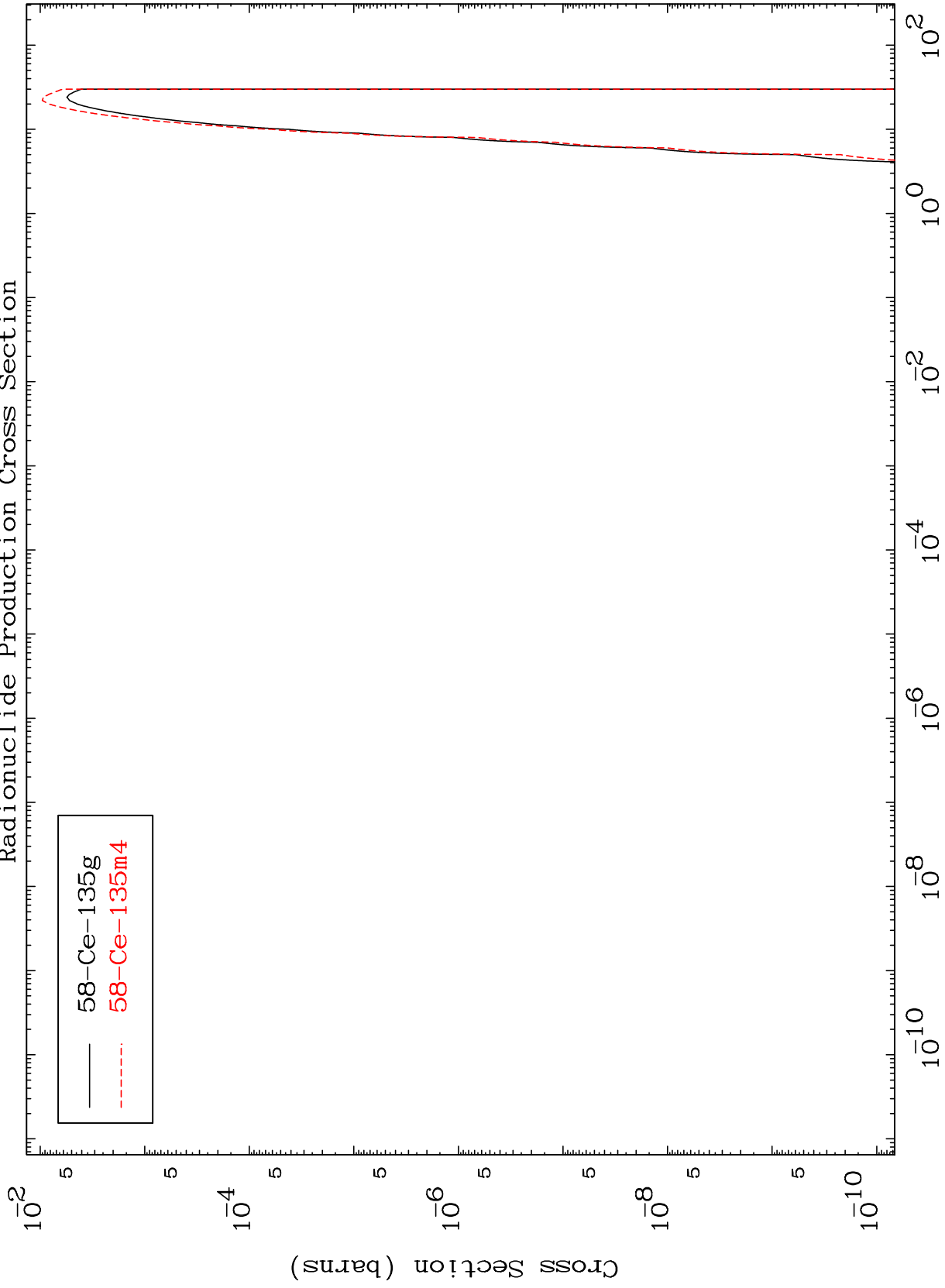


MAT 5917

(d,n') α

59-Pr-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

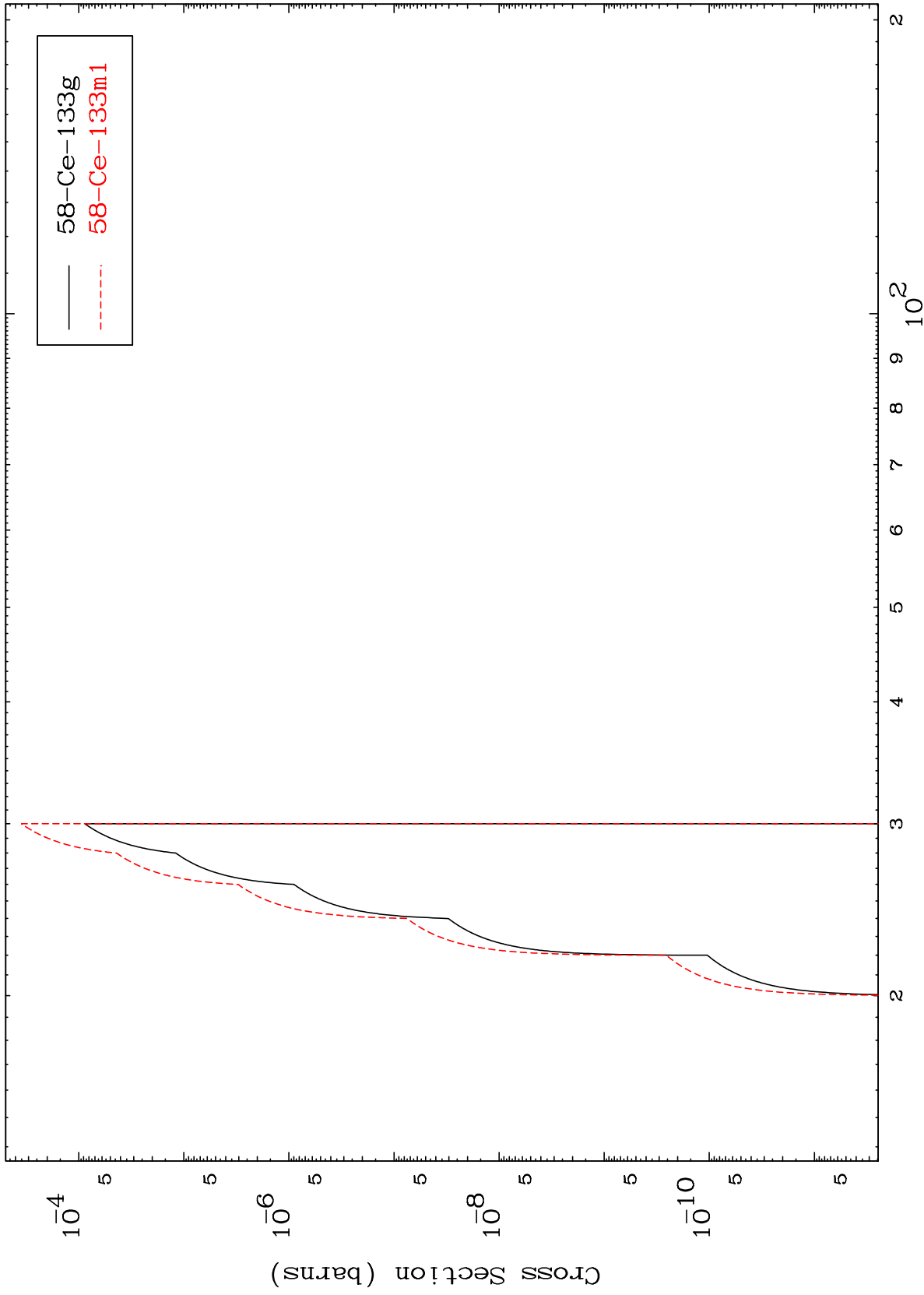
59-Pr-138

MAT 5917

(d,3n) α

59-Pr-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

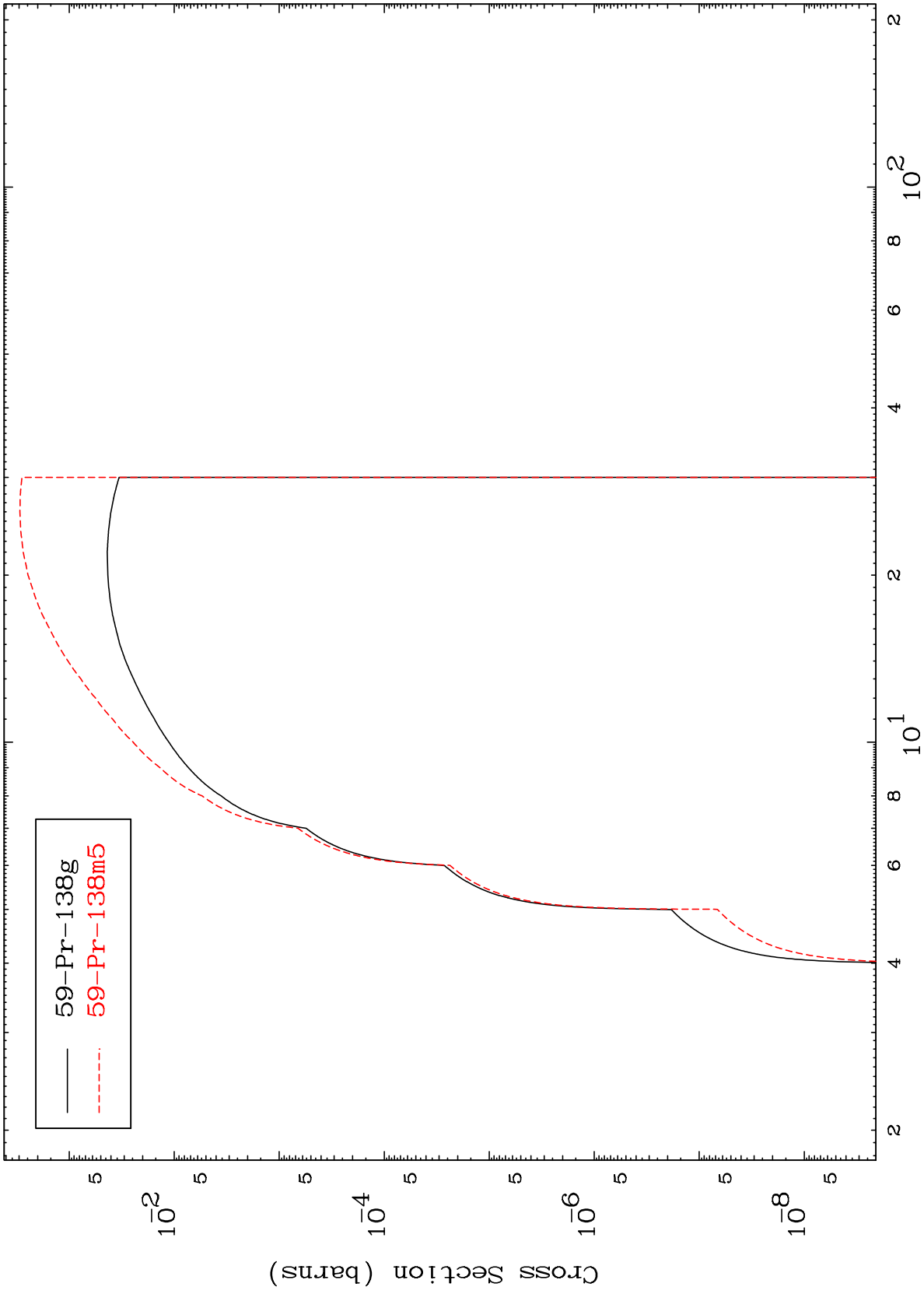
59-Pr-138

MAT 5917

(d,n') p

59-Pr-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

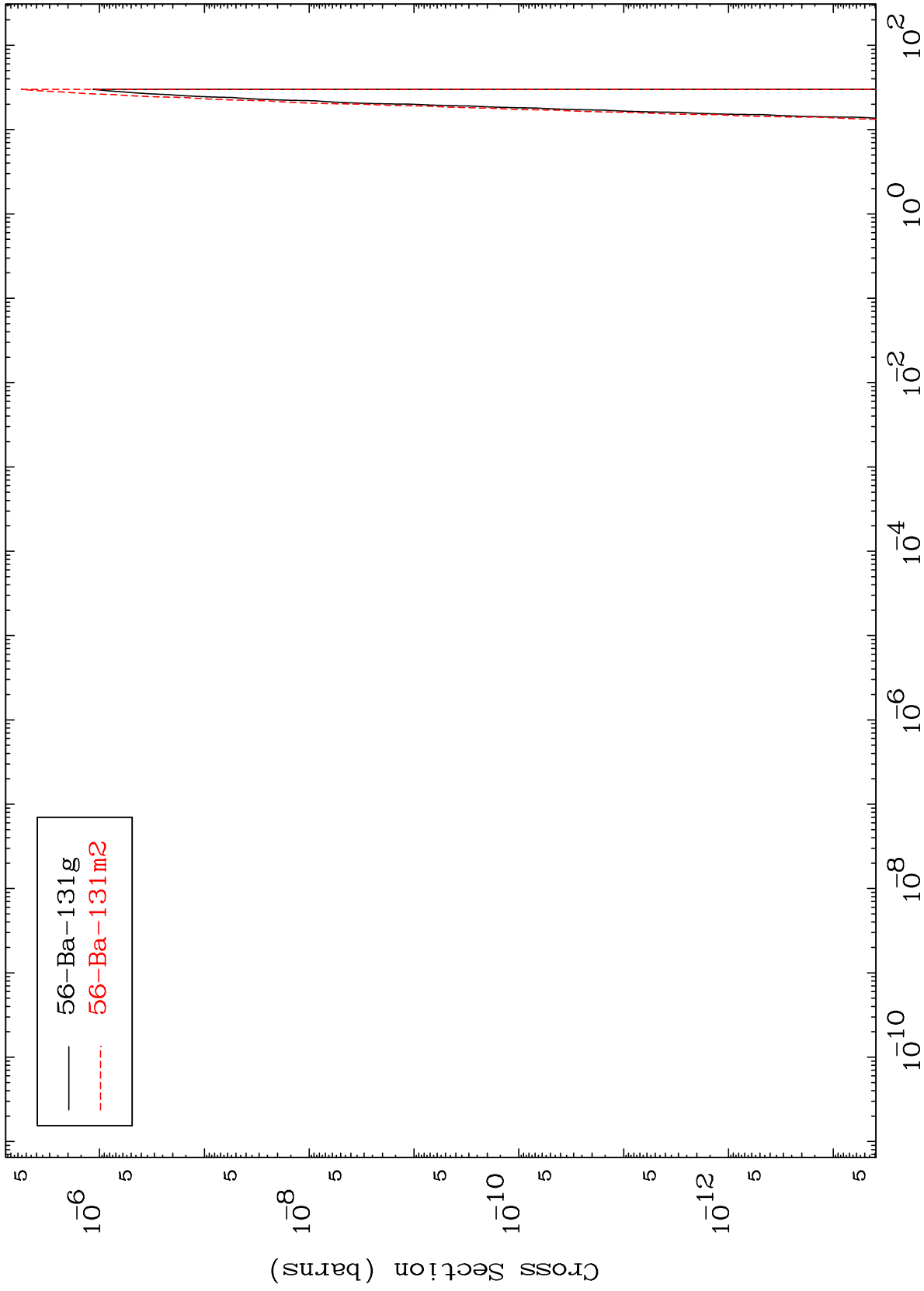
59-Pr-138

MAT 5917

(d,n') 2 α

59-Pr-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

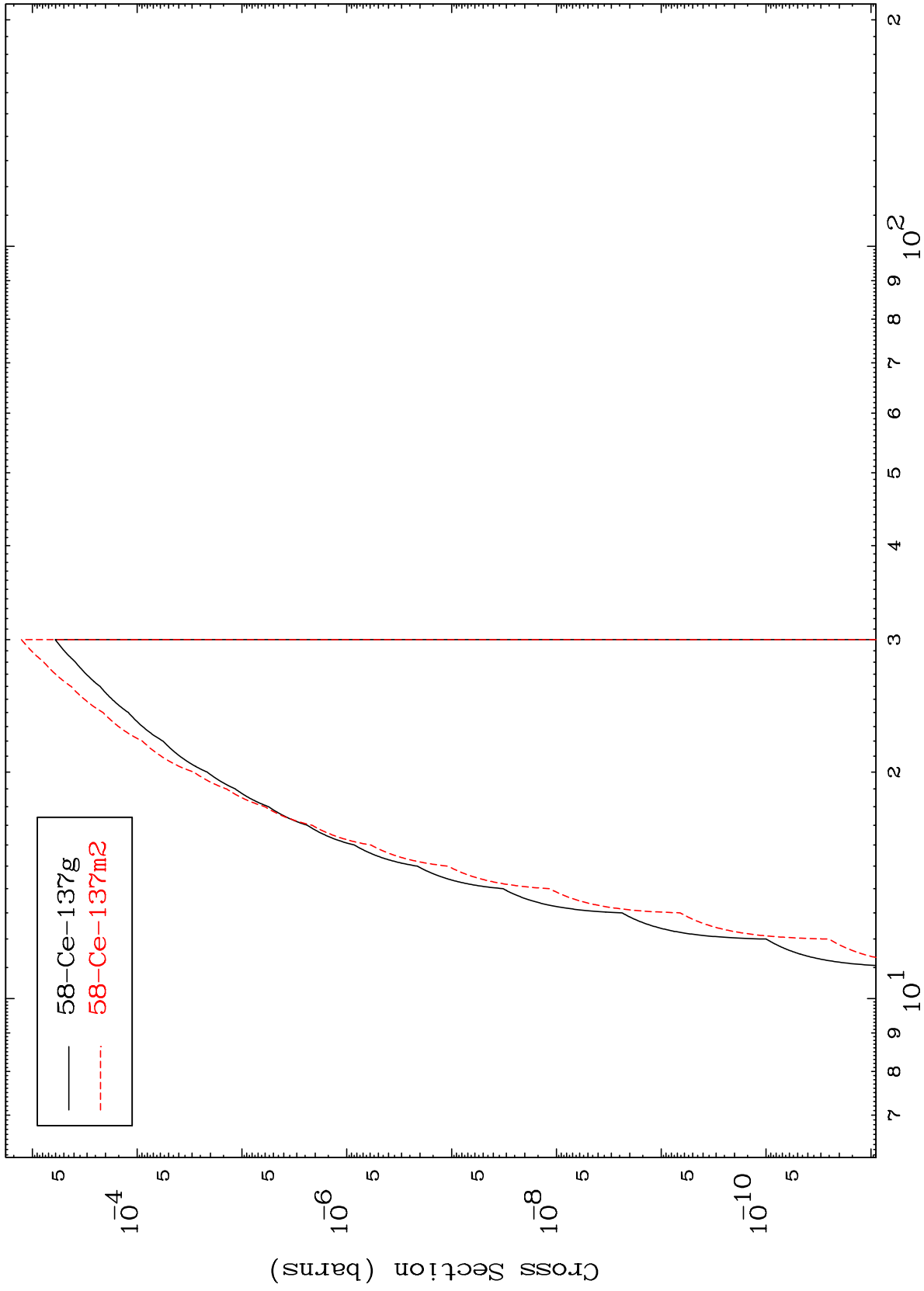
59-Pr-138

MAT 5917

(d,2n) p

59-Pr-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

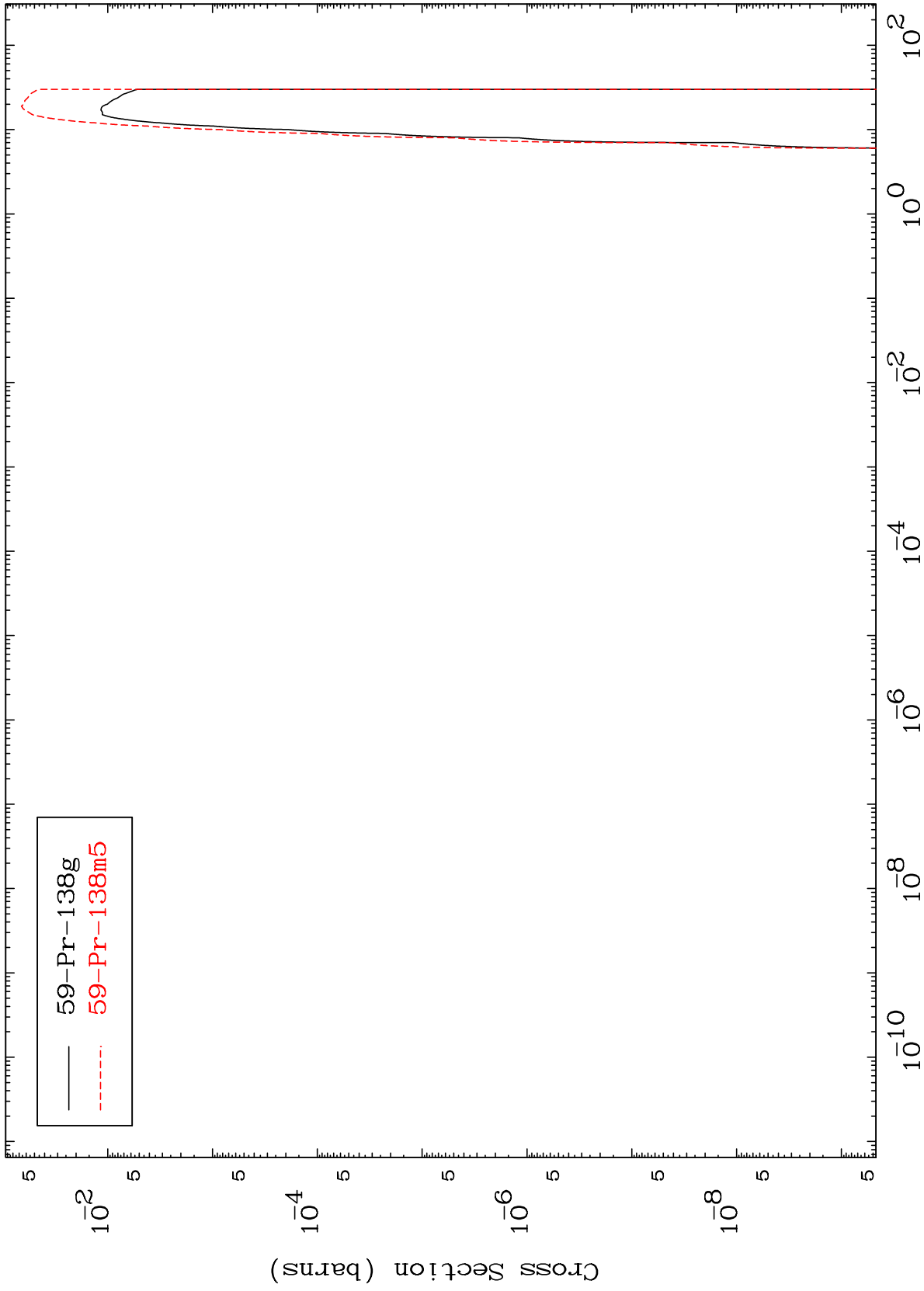
59-Pr-138

MAT 5917

(d,d)

⁵⁹Pr-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

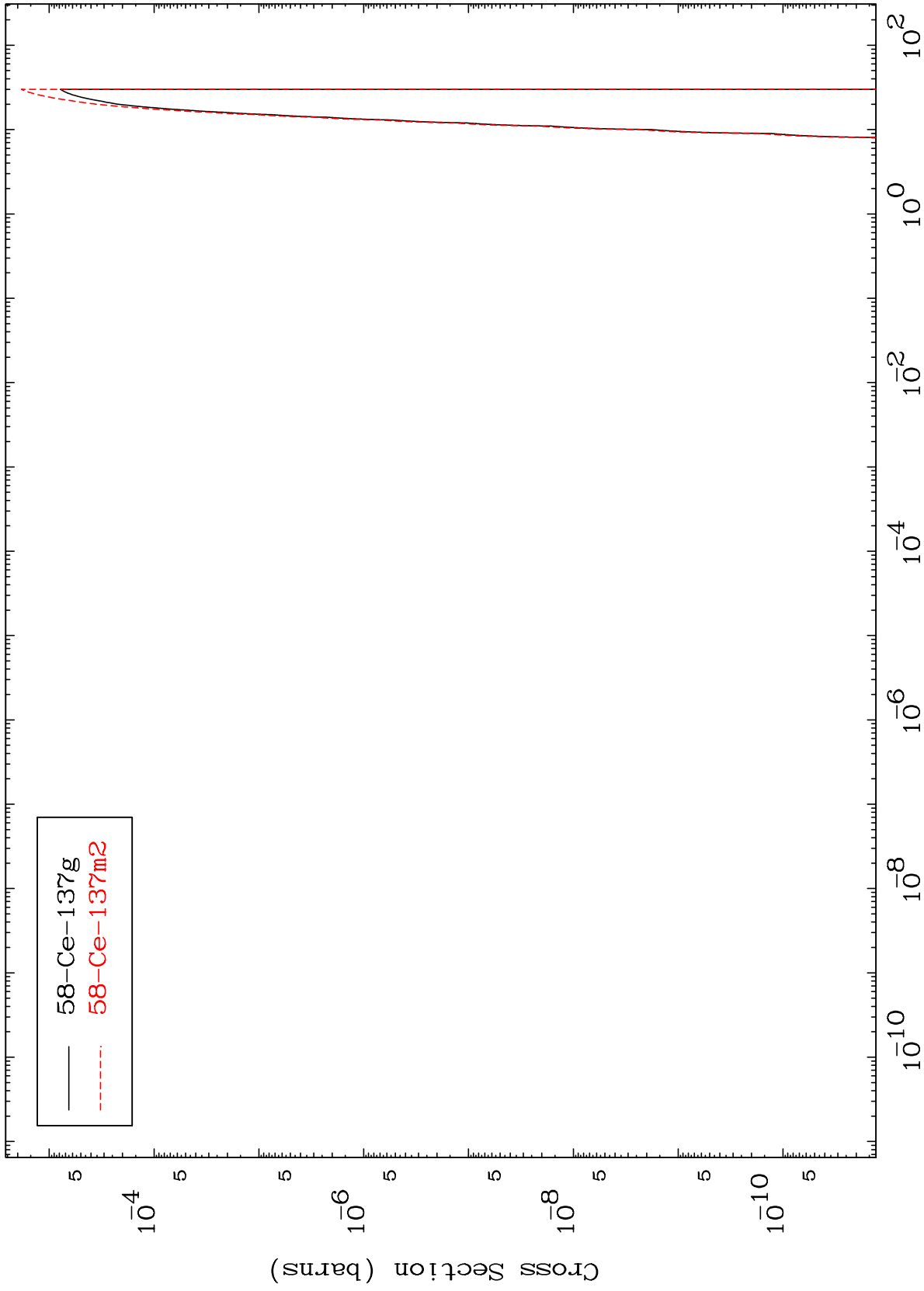
⁵⁹Pr-138

MAT 5917

(d,He-3)

59-Pr-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-138

Radionuclide Production Cross Section

