

Program EVALPLOT
(Version 2018-1)

by

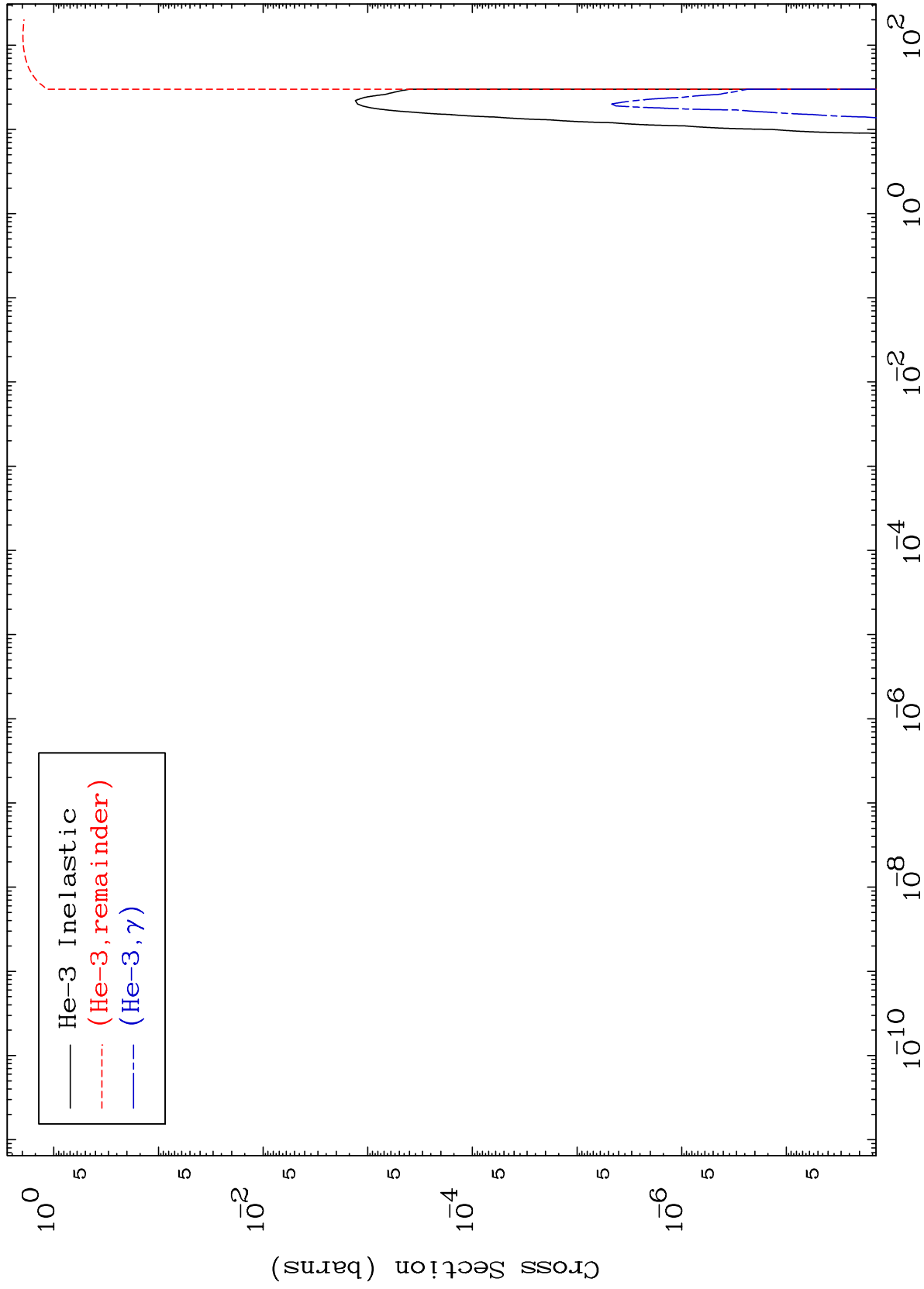
Dermott E. Cullen
(Present Contact Information)

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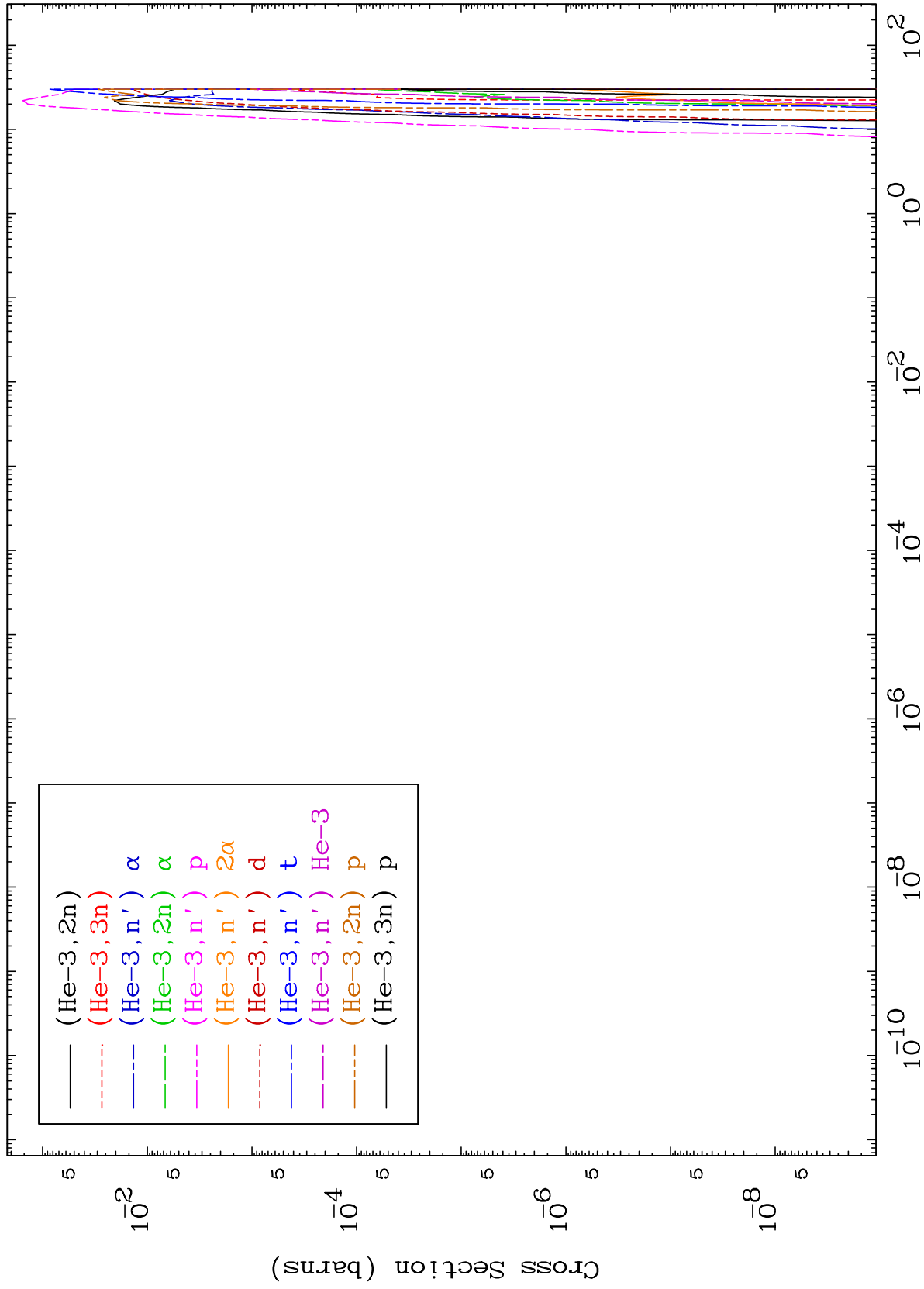
Press Mouse Button to Start



MAT 5901

He-3 Neutron Production
0 Kelvin Cross Sections

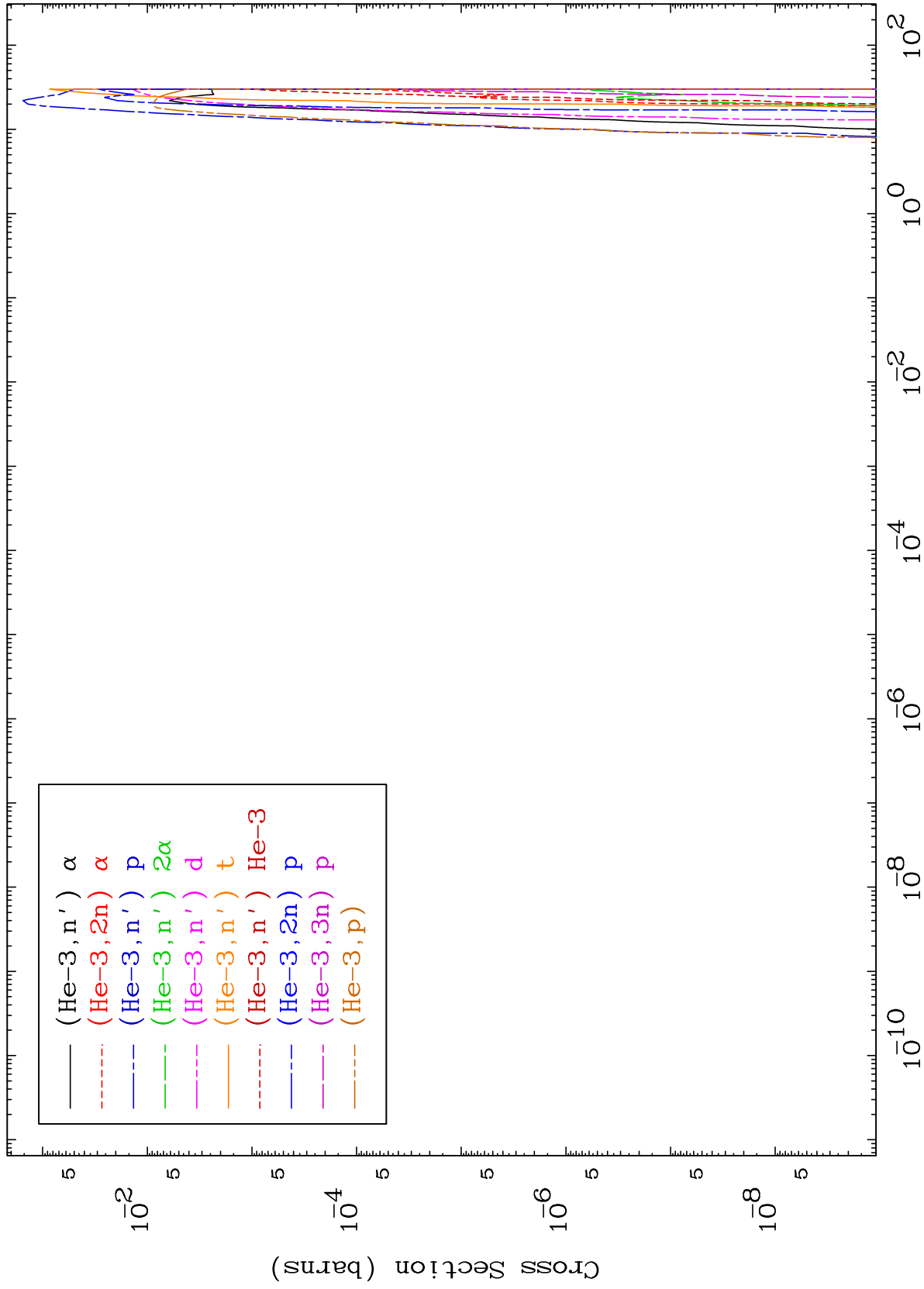
59-Pr-133

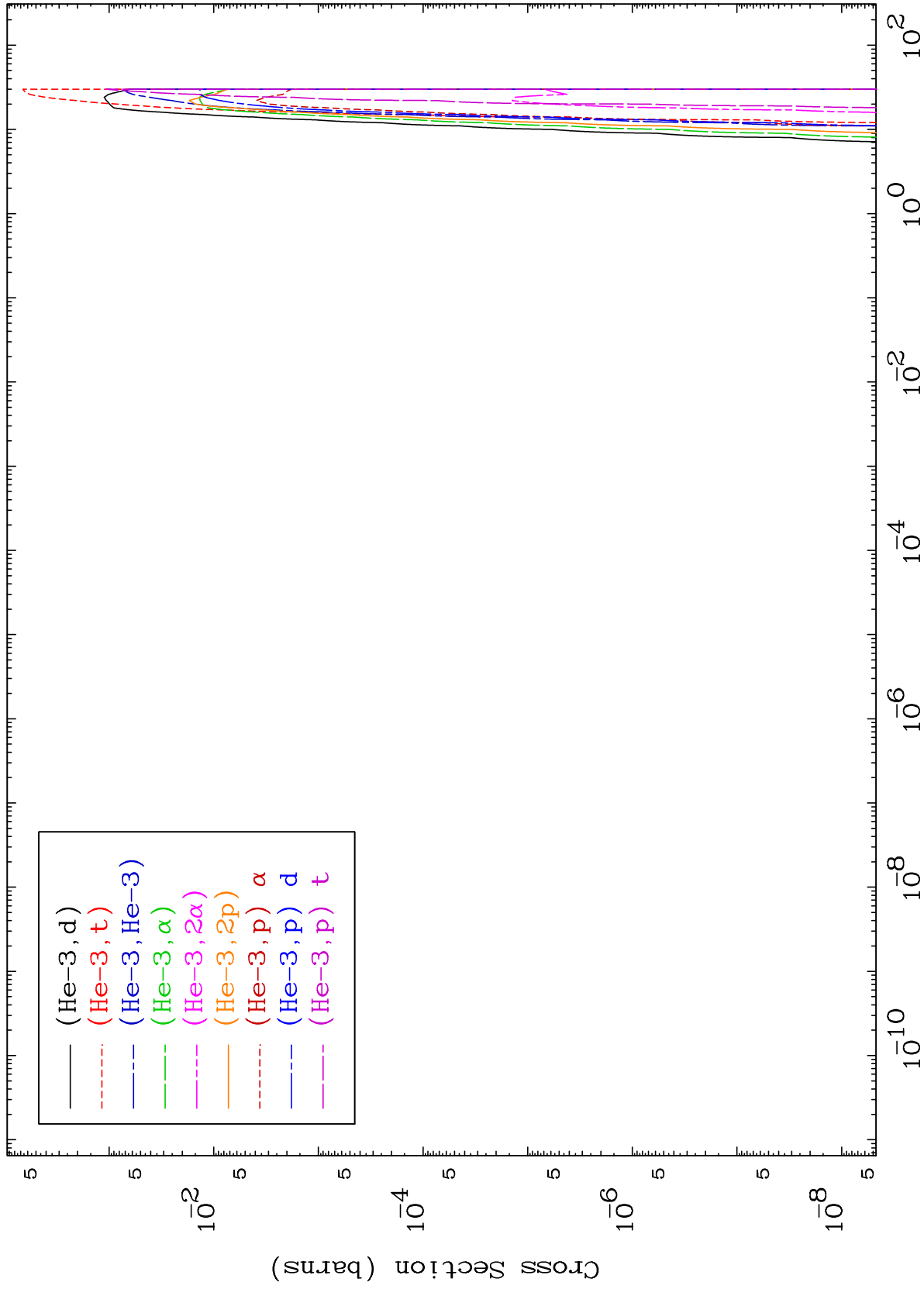


2

Incident Energy (MeV)

59-Pr-133

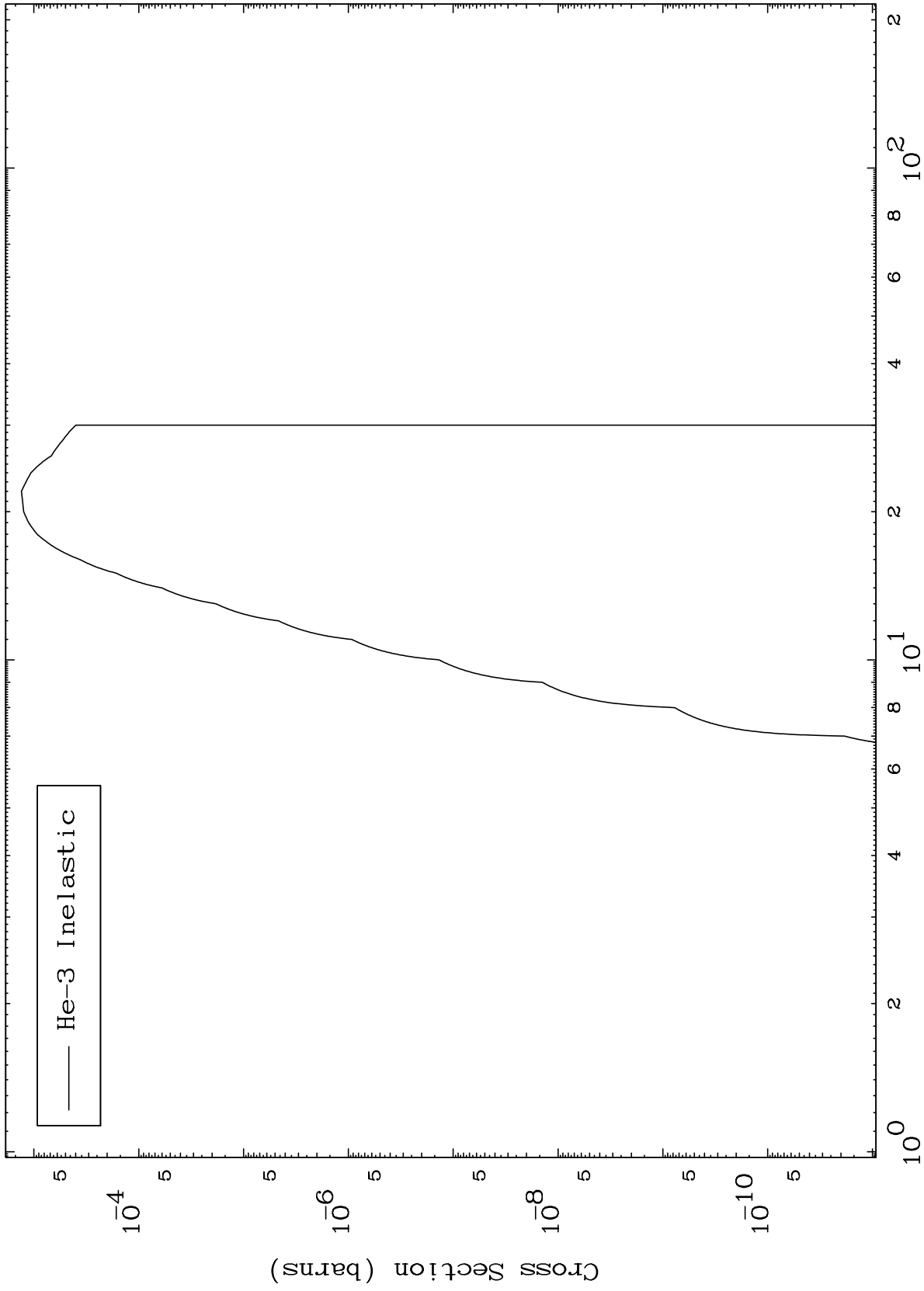




MAT 5901

(He-3, n') Level
0 Kelvin Cross Sections

59-Pr-133



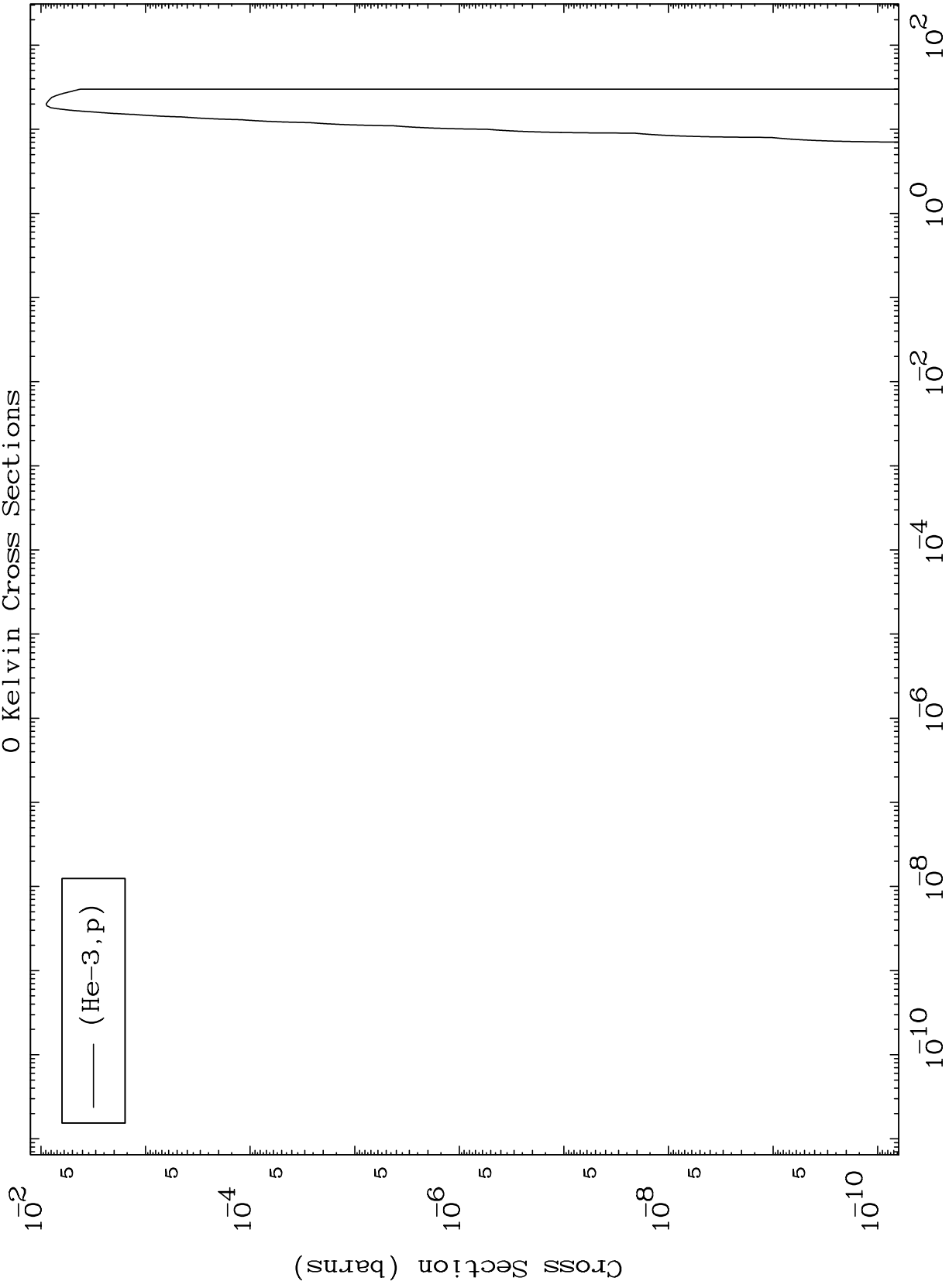
Incident Energy (MeV)

59-Pr-133

MAT 5901

(He-3,p) Levels
0 Kelvin Cross Sections

59-Pr-133



6

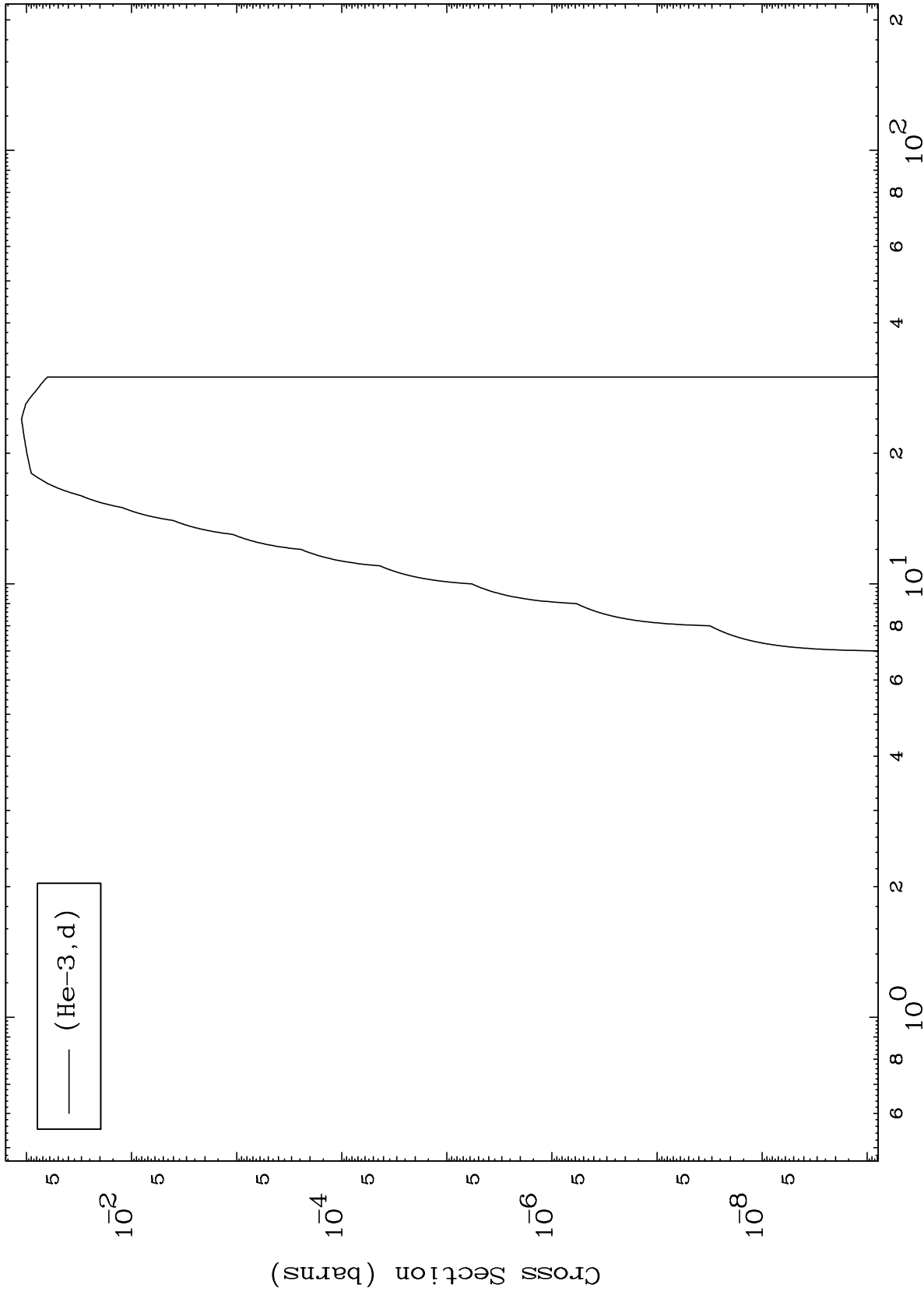
Incident Energy (MeV)

59-Pr-133

MAT 5901

(He-3,d) Levels
0 Kelvin Cross Sections

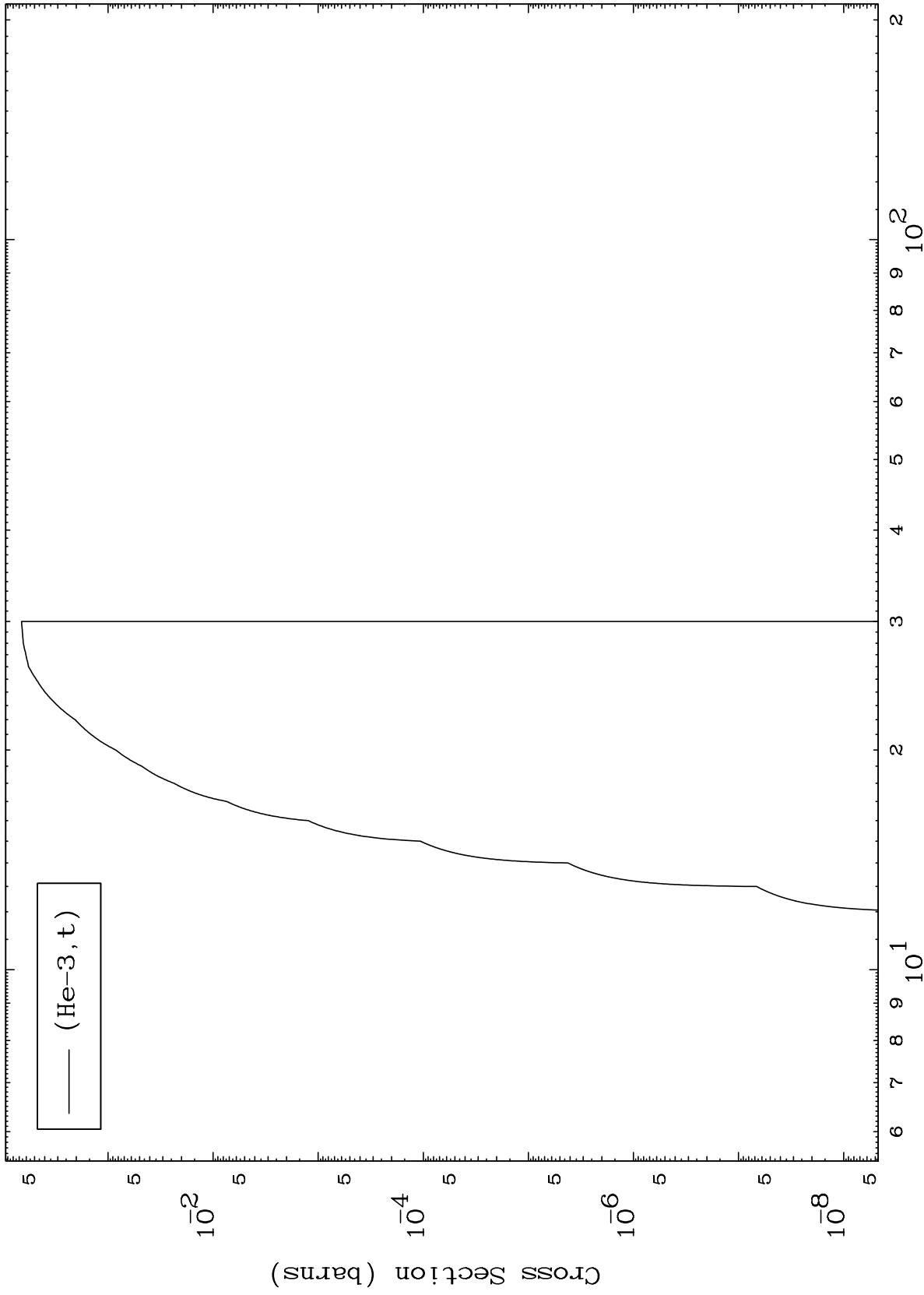
59-Pr-133

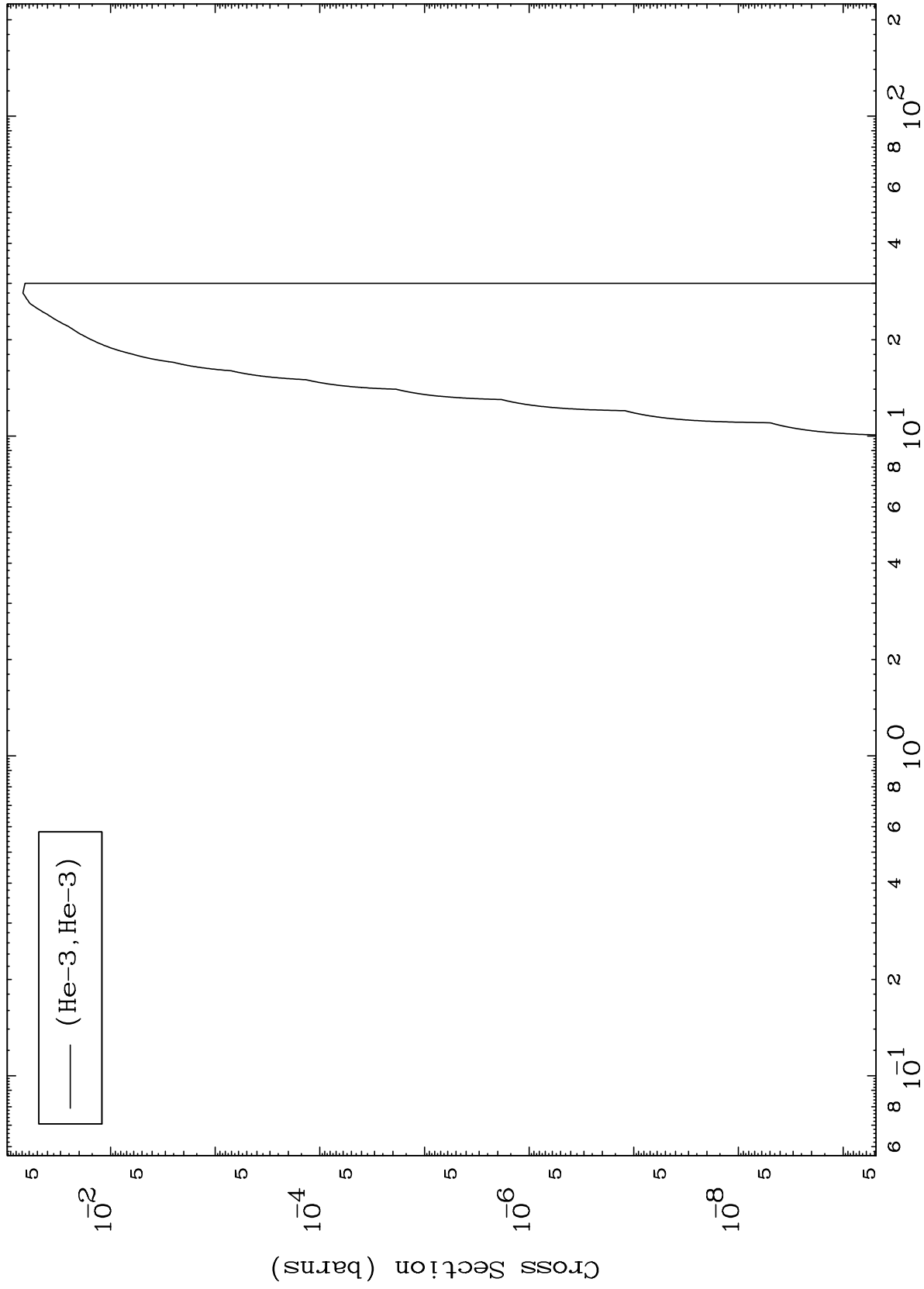


7

Incident Energy (MeV)

59-Pr-133

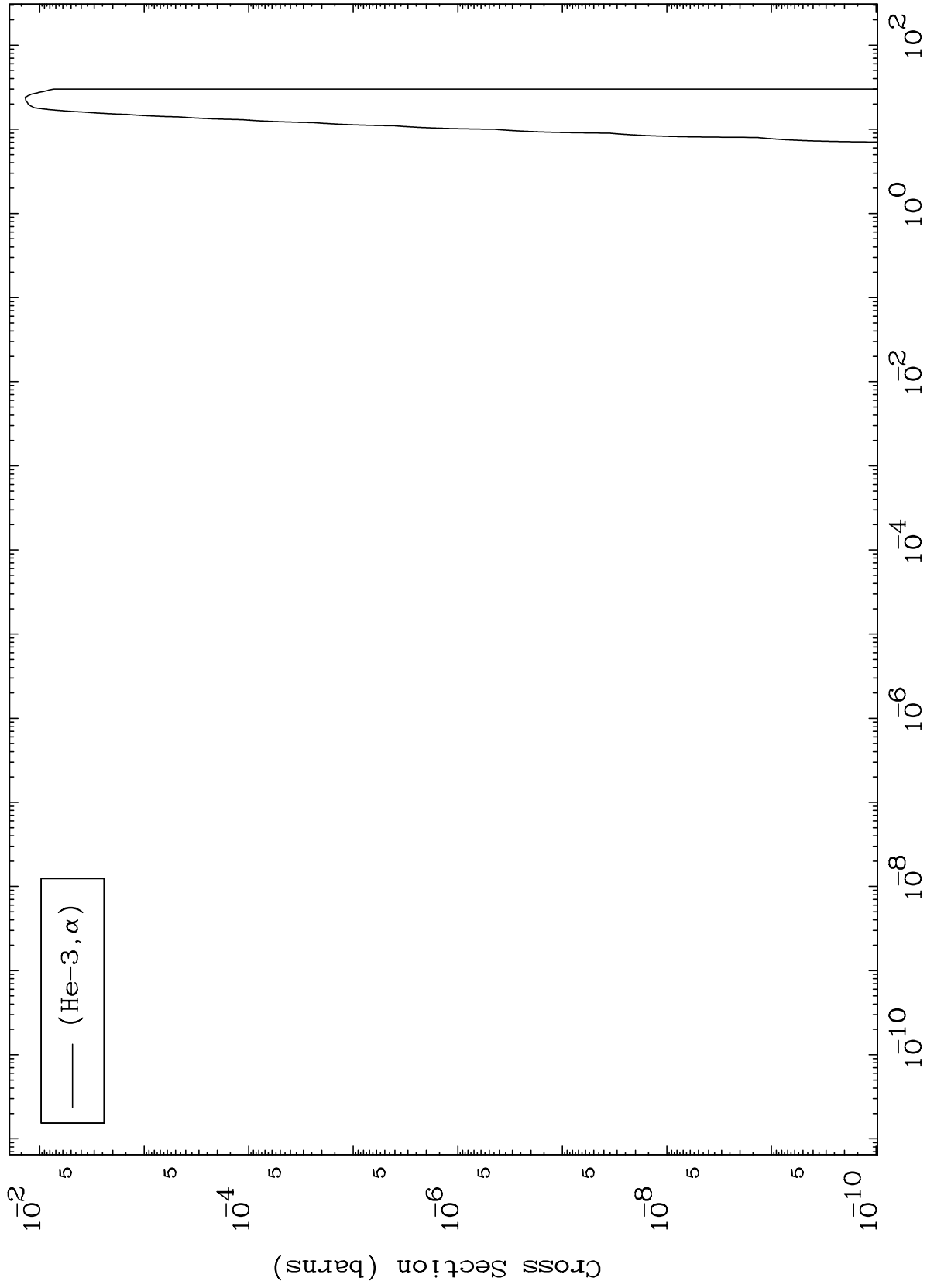




MAT 5901

(He-3, α) Levels
0 Kelvin Cross Sections

59-Pr-133



10

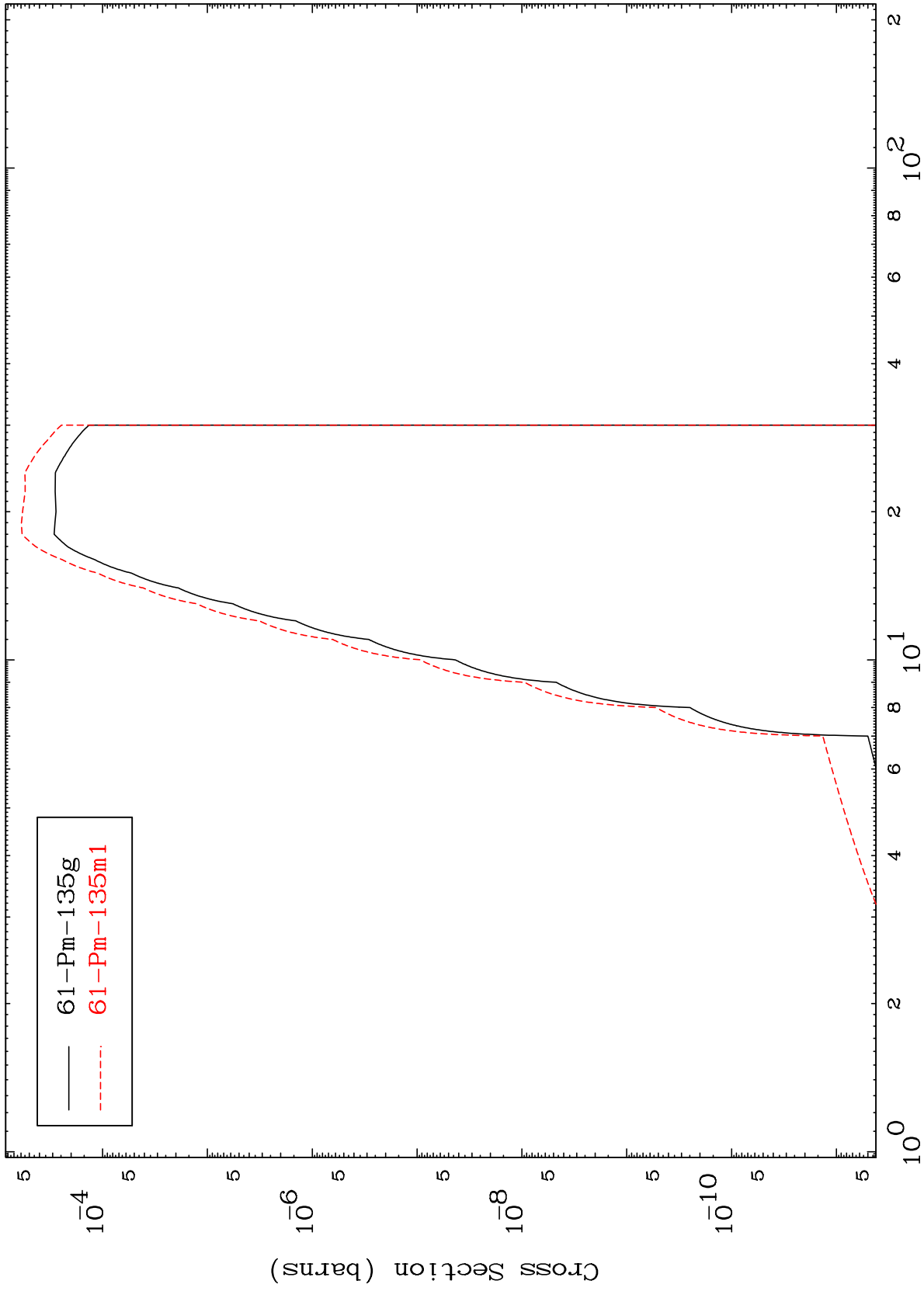
Incident Energy (MeV)

59-Pr-133

MAT 5901

He-3 Inelastic
Radionuclide Production Cross Section

59-Pr-133



11

Incident Energy (MeV)

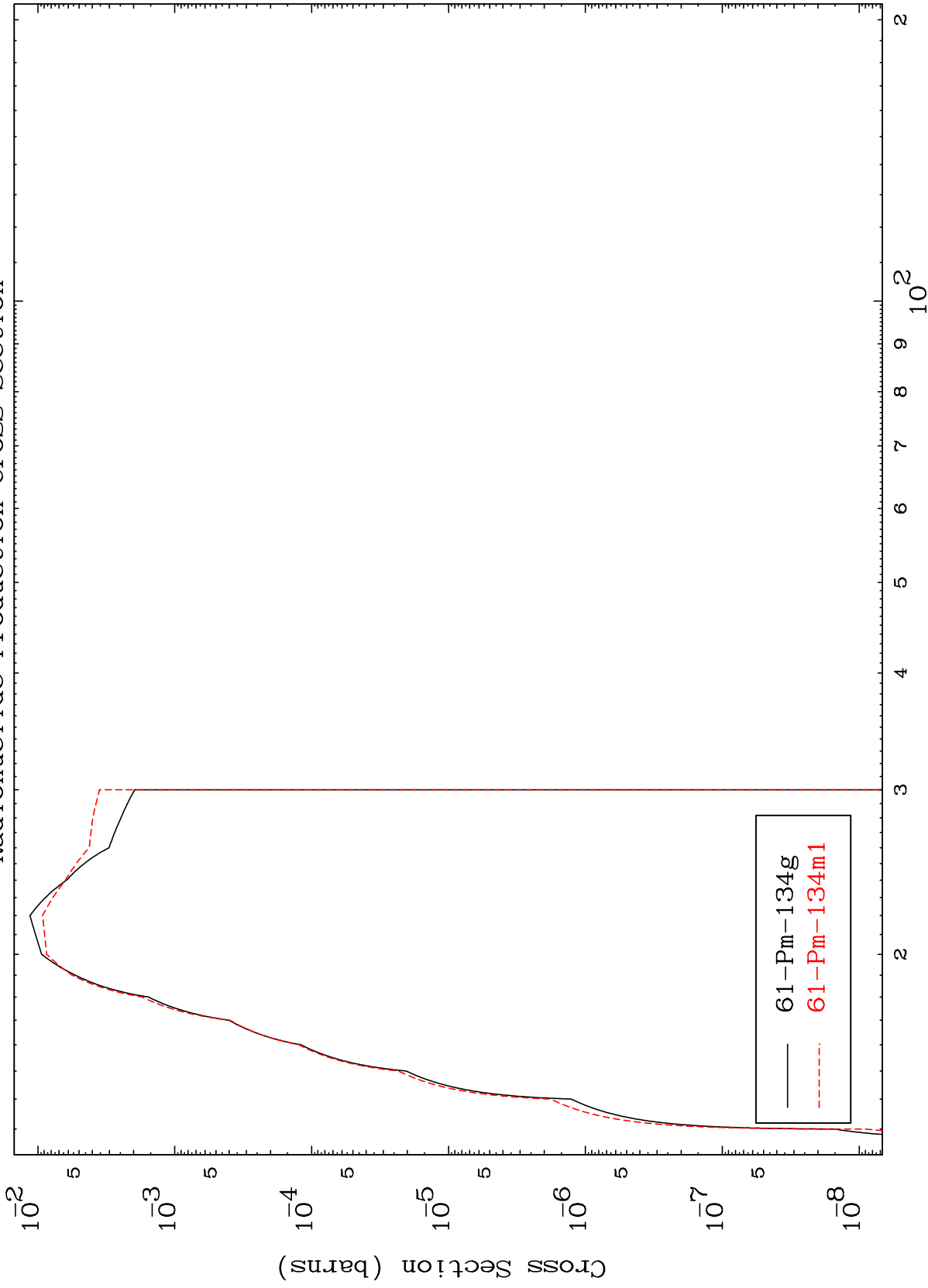
59-Pr-133

MAT 5901

(He-3,2n)

59-Pr-133

Radionuclide Production Cross Section



12

Incident Energy (MeV)

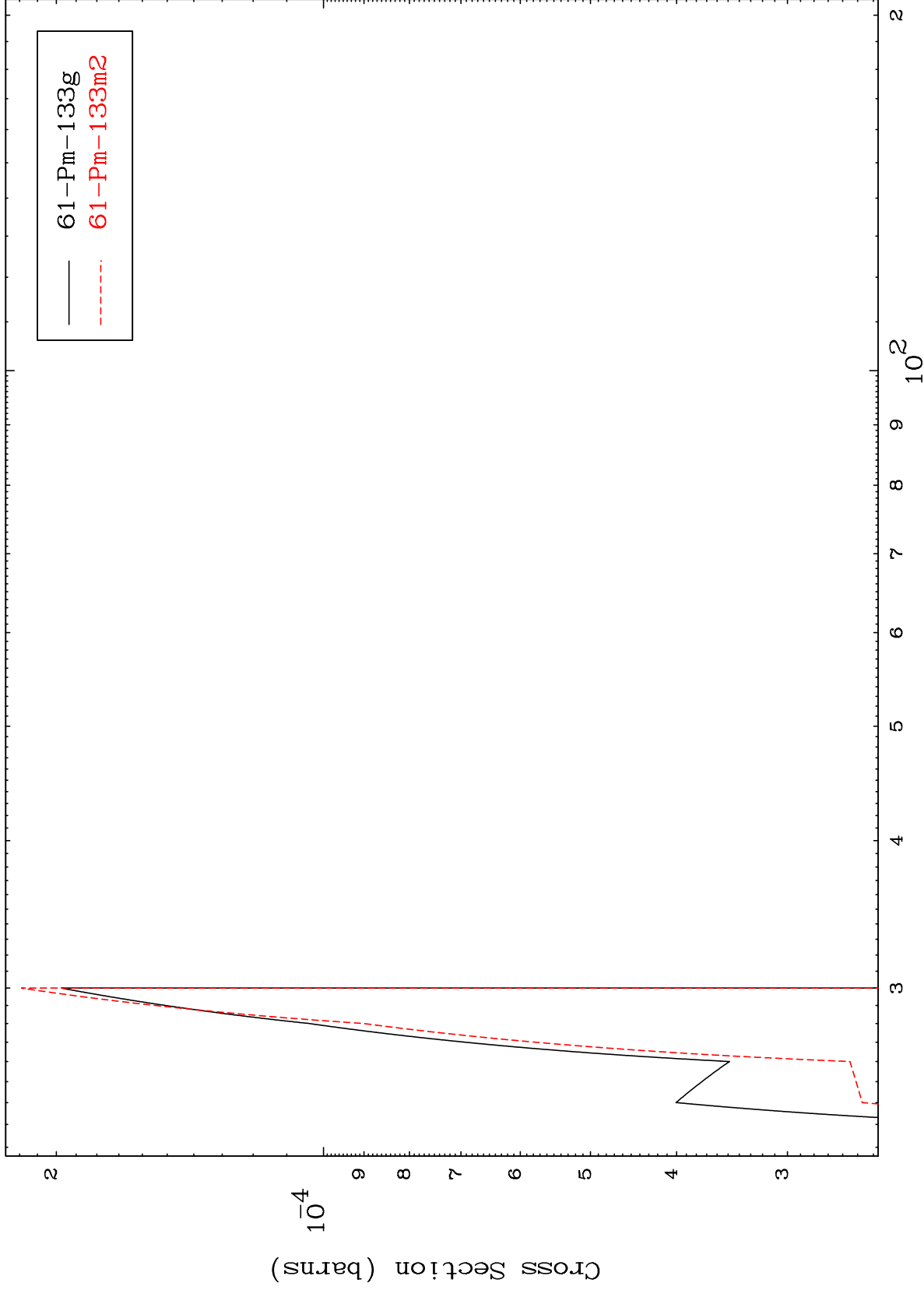
59-Pr-133

MAT 5901

(He-3,3n)

59-Pr-133

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

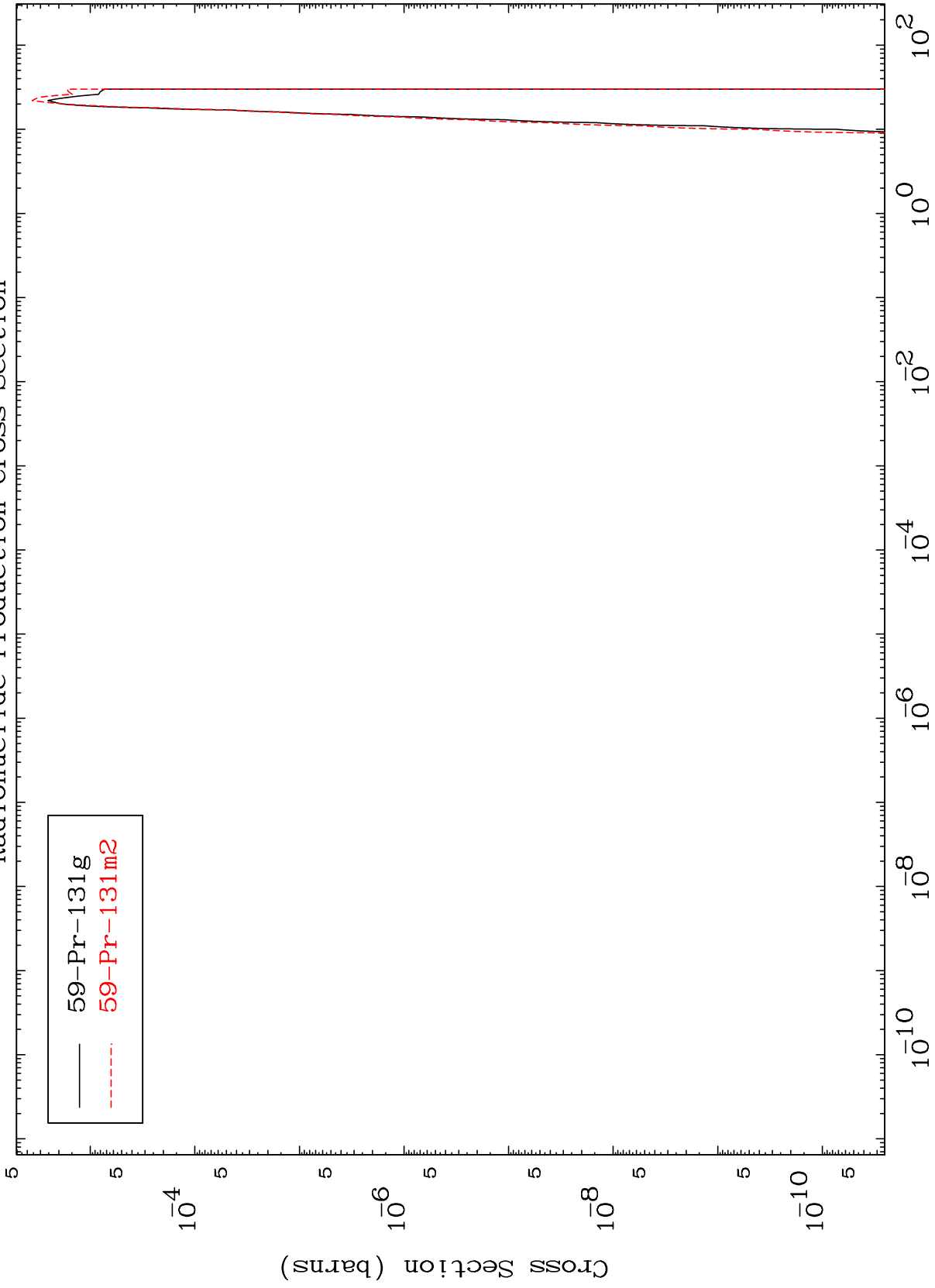
59-Pr-133

MAT 5901

(He-3, n') α

59-Pr-133

Radionuclide Production Cross Section



14

Incident Energy (MeV)

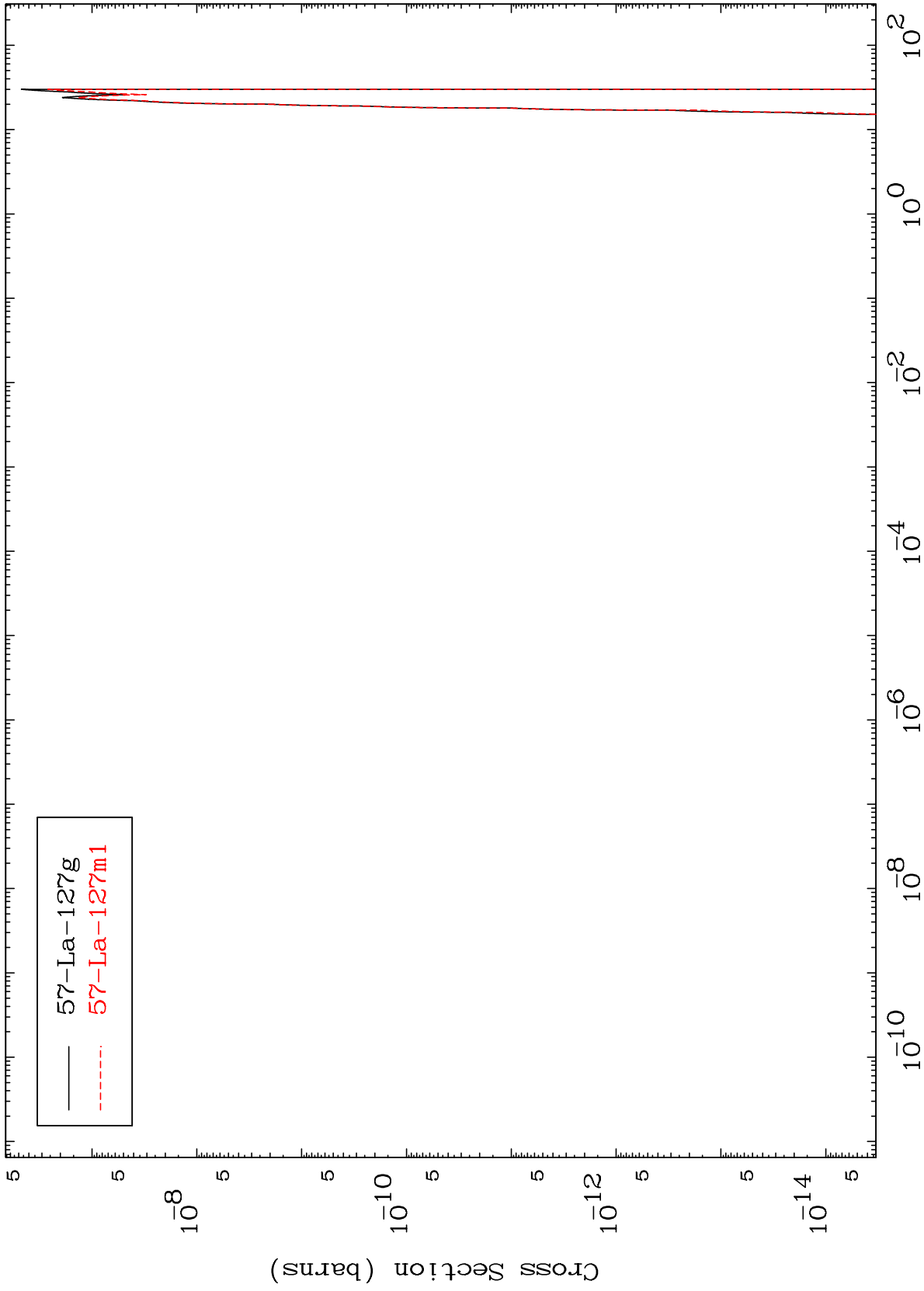
59-Pr-133

MAT 5901

(He-3, n') 2 α

59-Pr-133

Radionuclide Production Cross Section

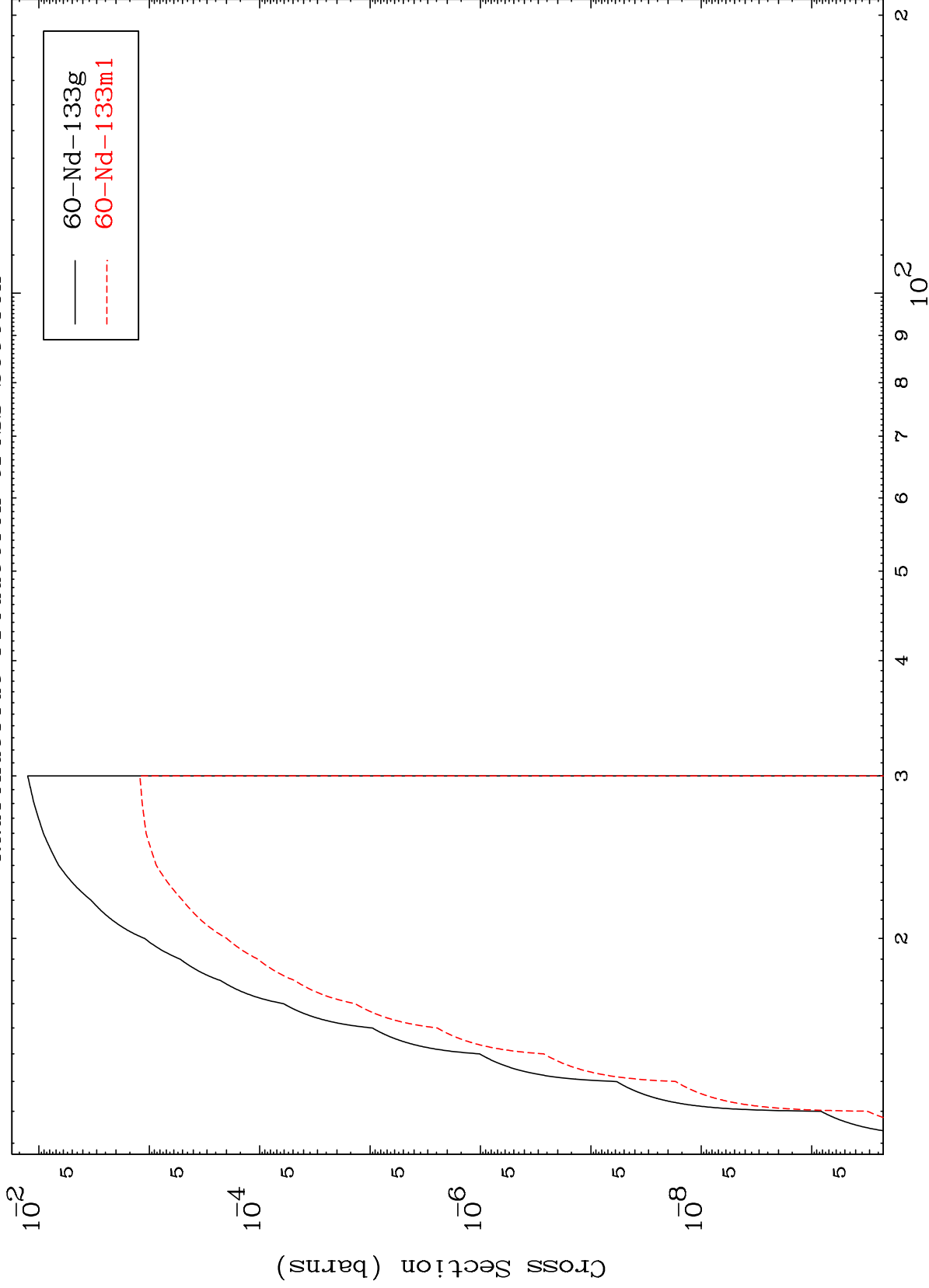


15

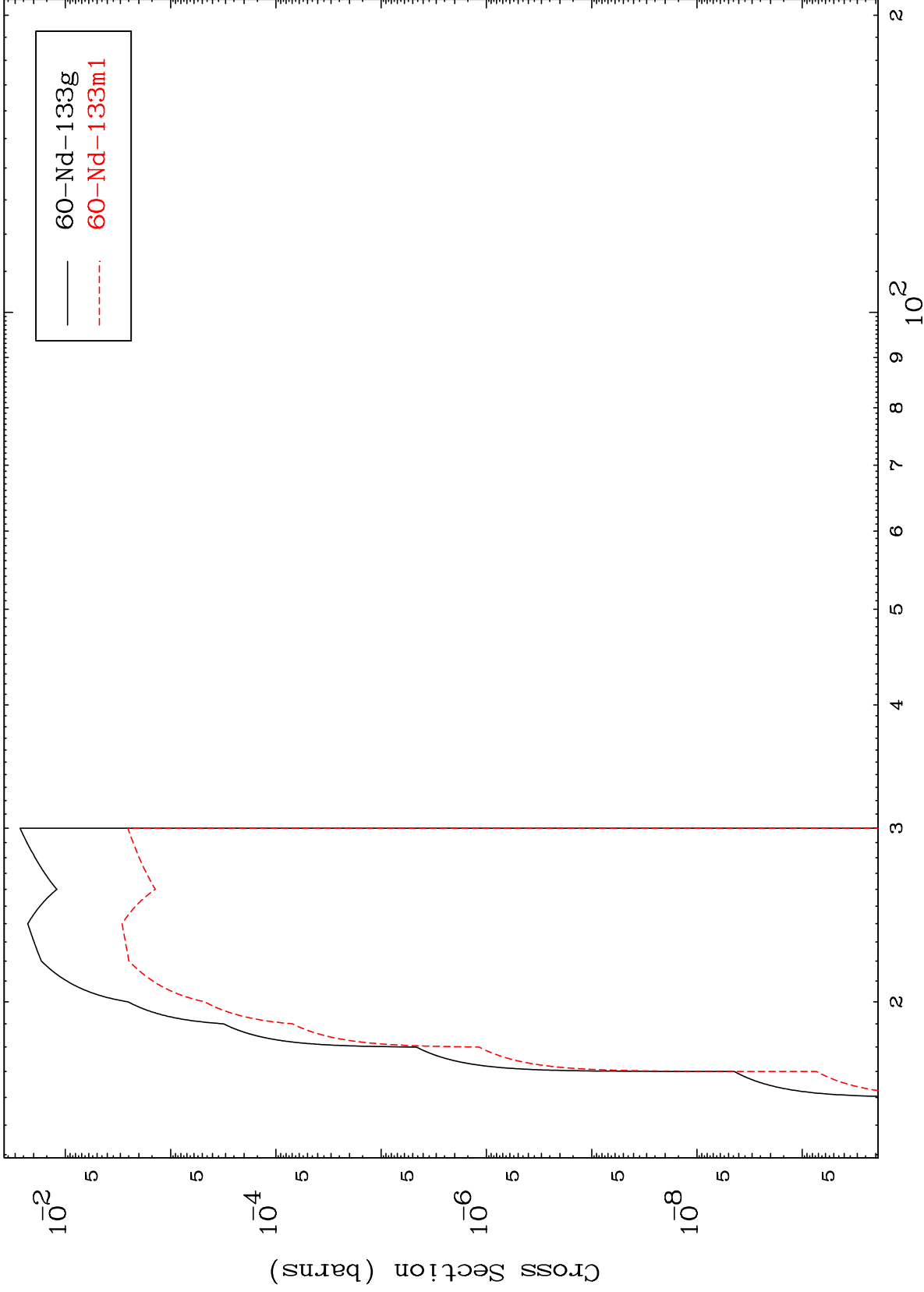
Incident Energy (MeV)

59-Pr-133

Radionuclide Production Cross Section



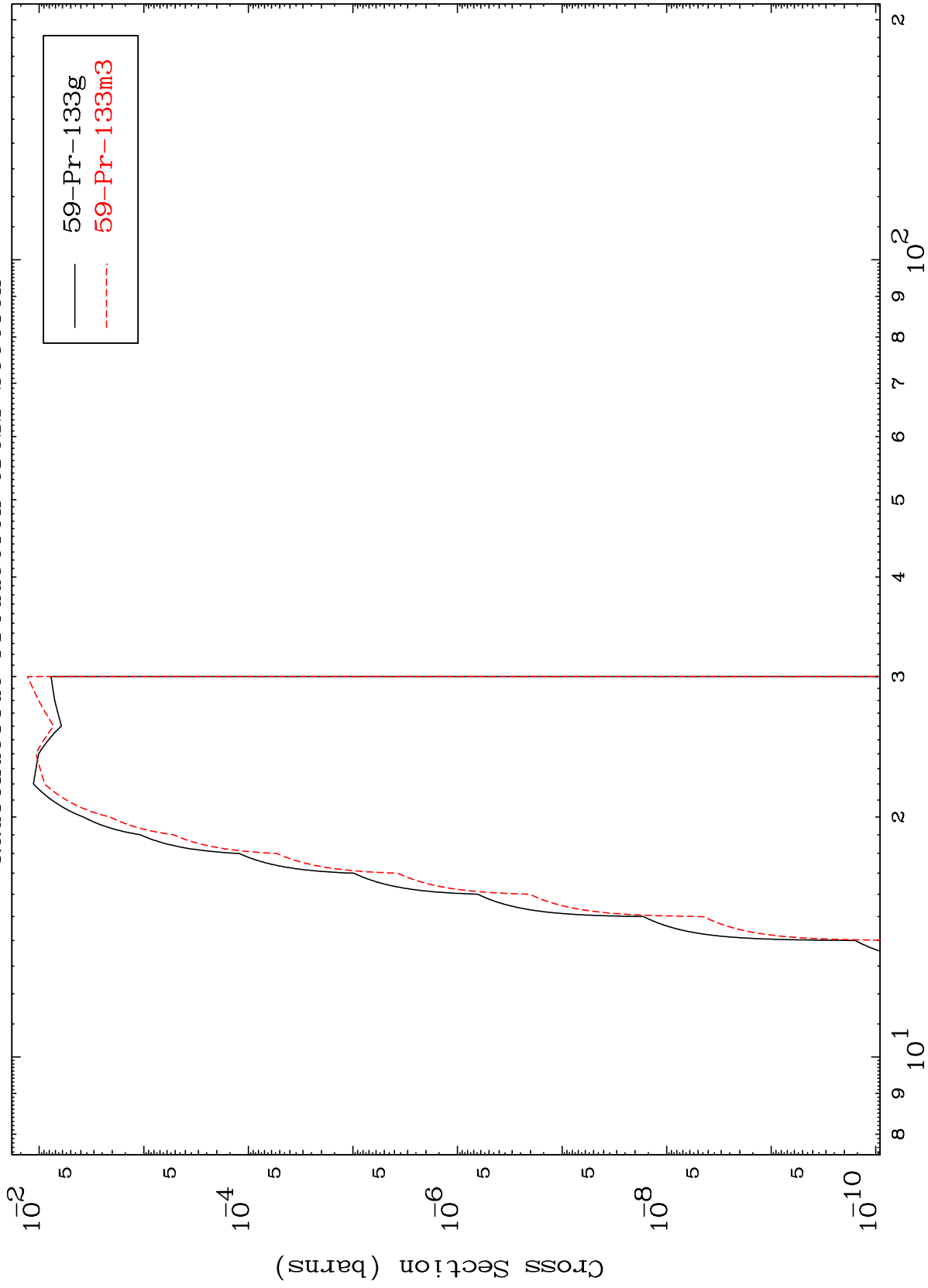
Radionuclide Production Cross Section



MAT 5901

59-Pr-133

(He-3,2n) p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

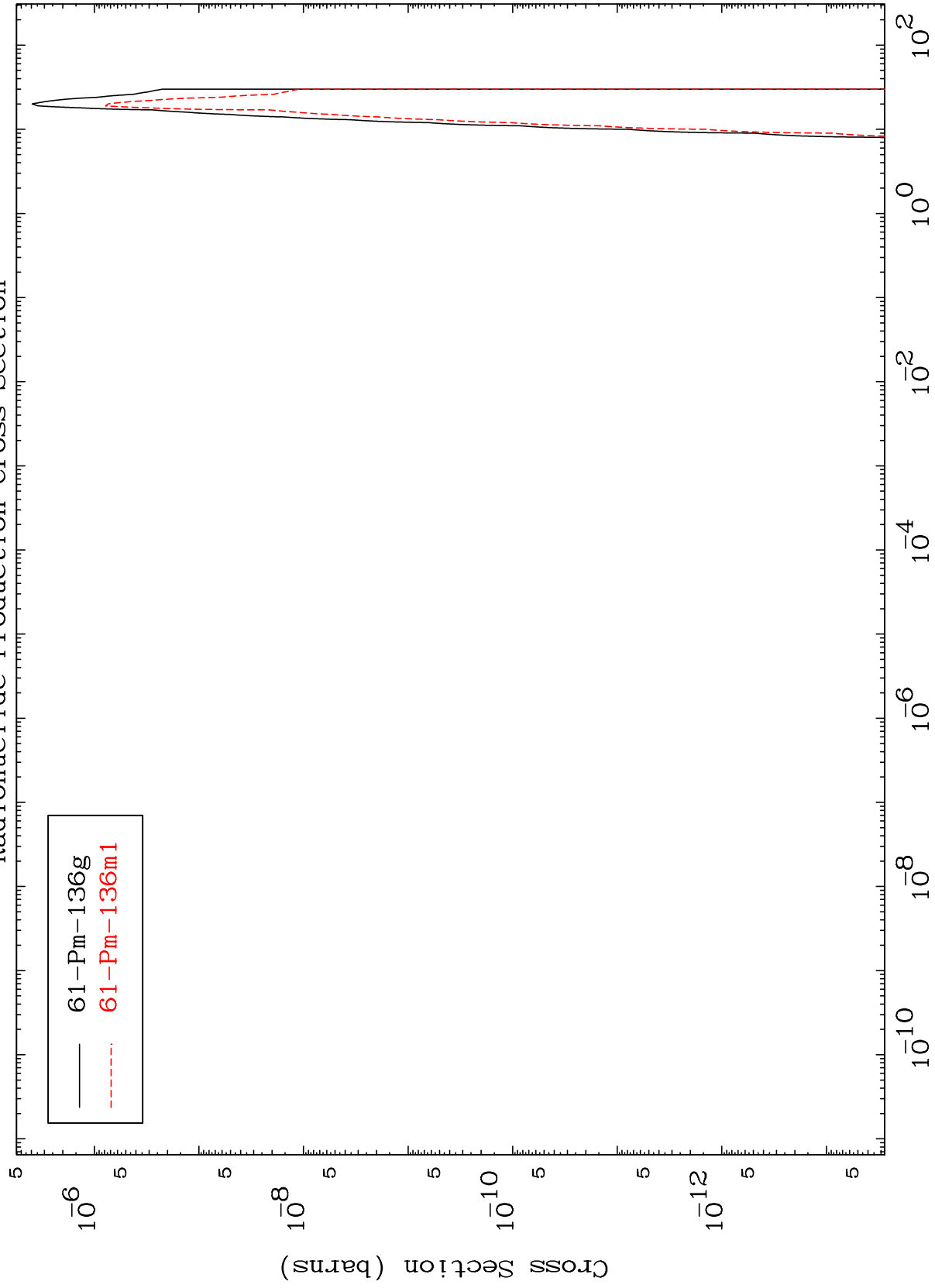
59-Pr-133

MAT 5901

(He-3, γ)

59-Pr-133

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

19

Incident Energy (MeV)

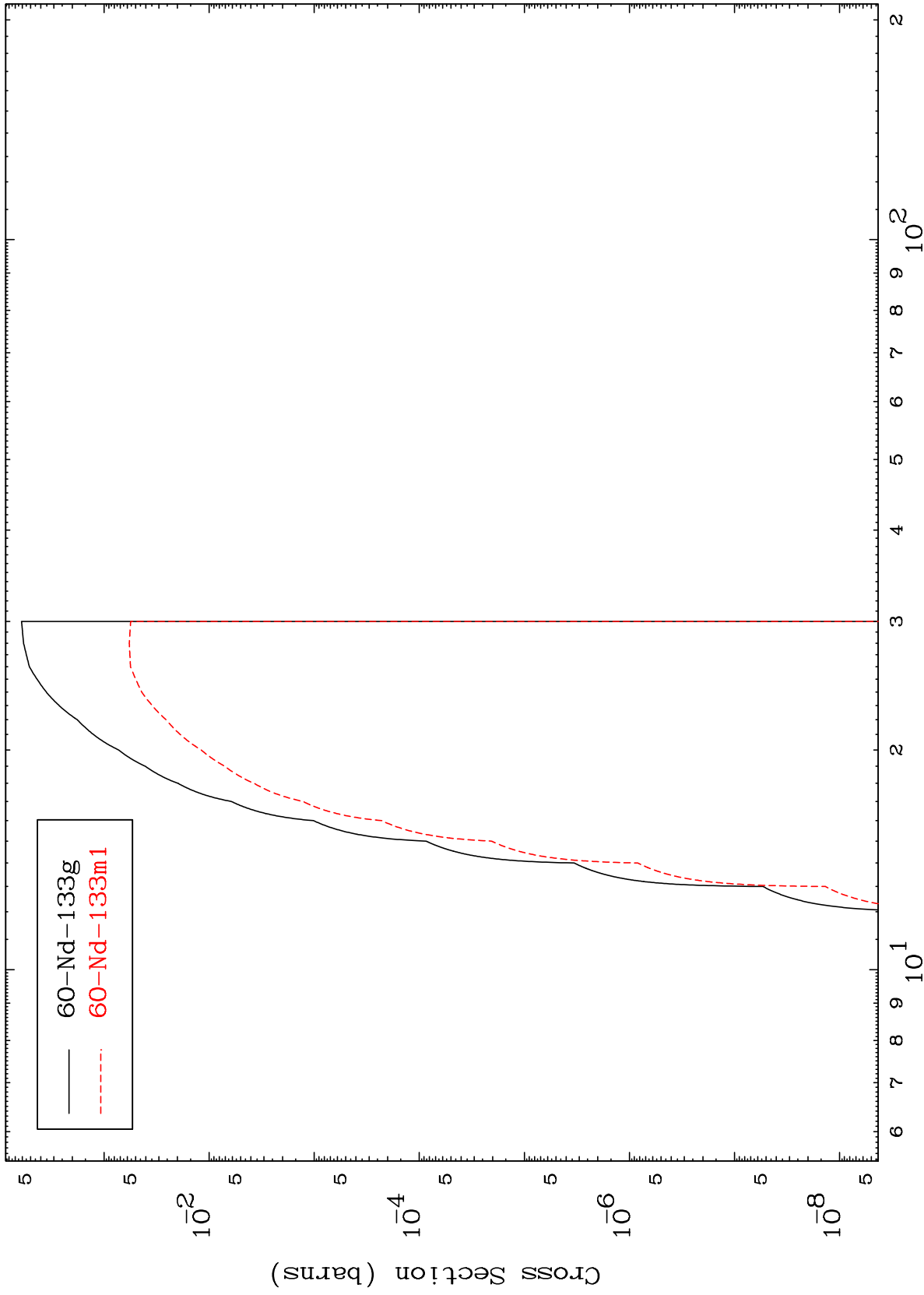
59-Pr-133

MAT 5901

(He-3, t)

59-Pr-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

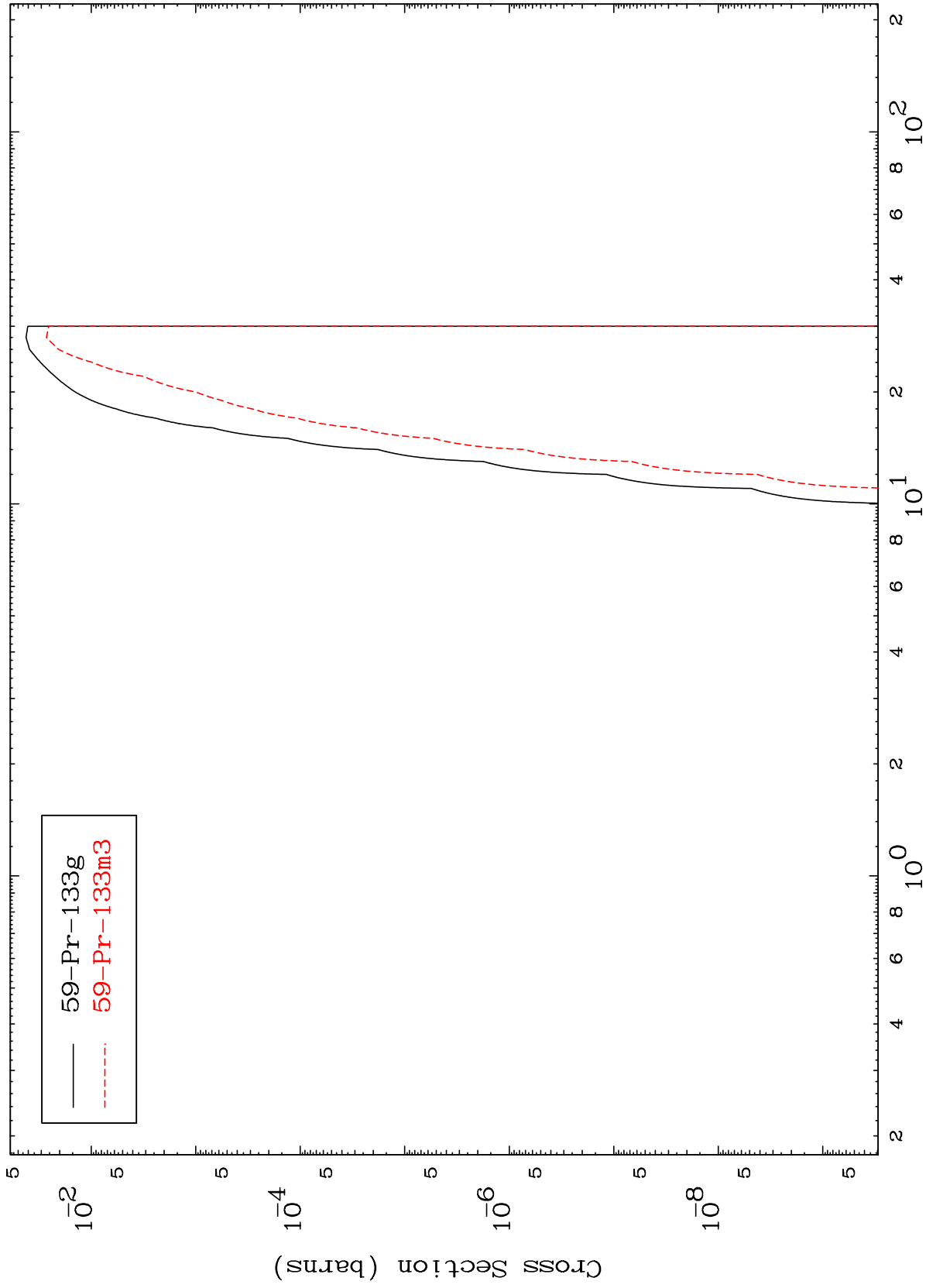
59-Pr-133

MAT 5901

(He-3, He-3)

59-Pr-133

Radionuclide Production Cross Section



21

Incident Energy (MeV)

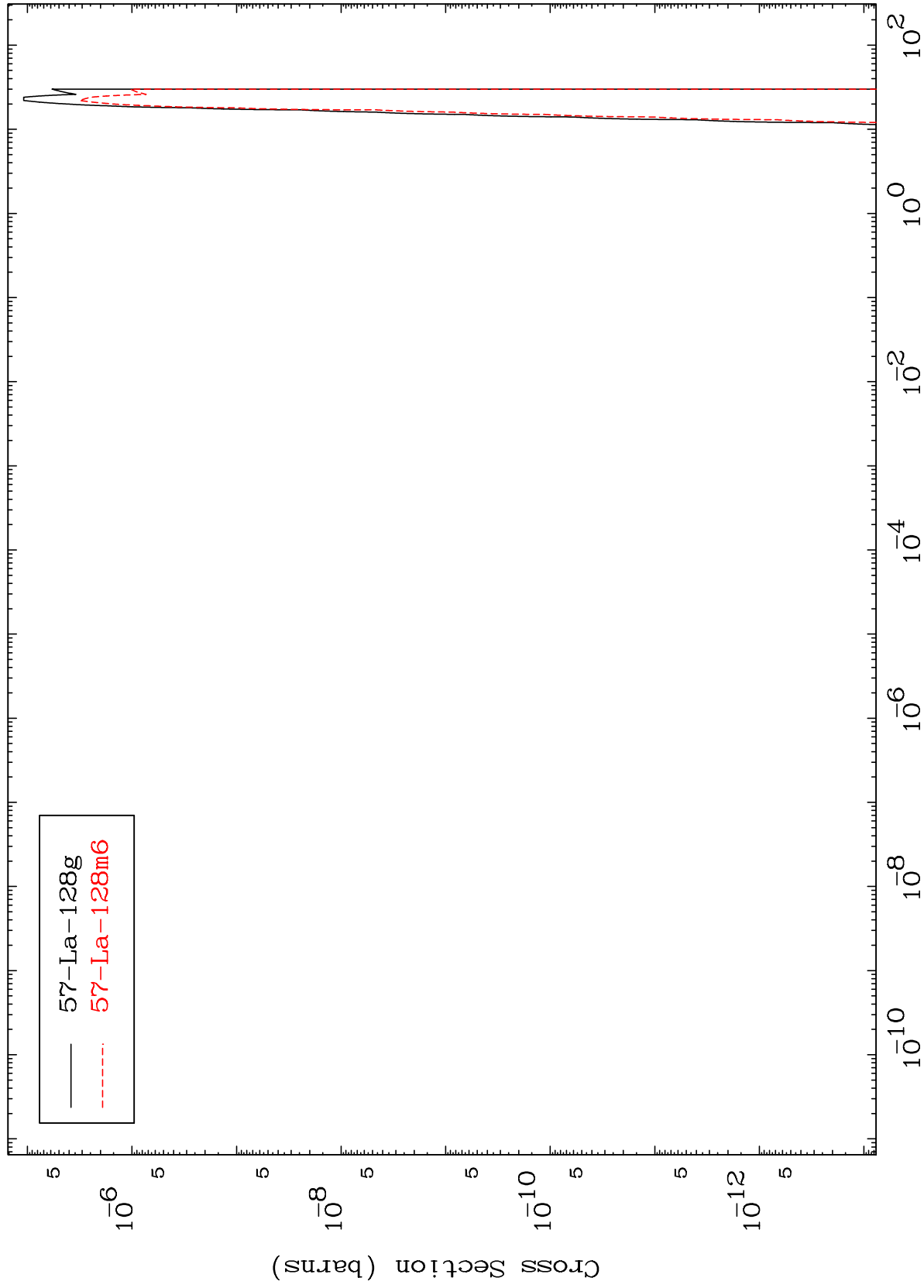
59-Pr-133

MAT 5901

(He-3,2α)

59-Pr-133

Radionuclide Production Cross Section



22

Incident Energy (MeV)

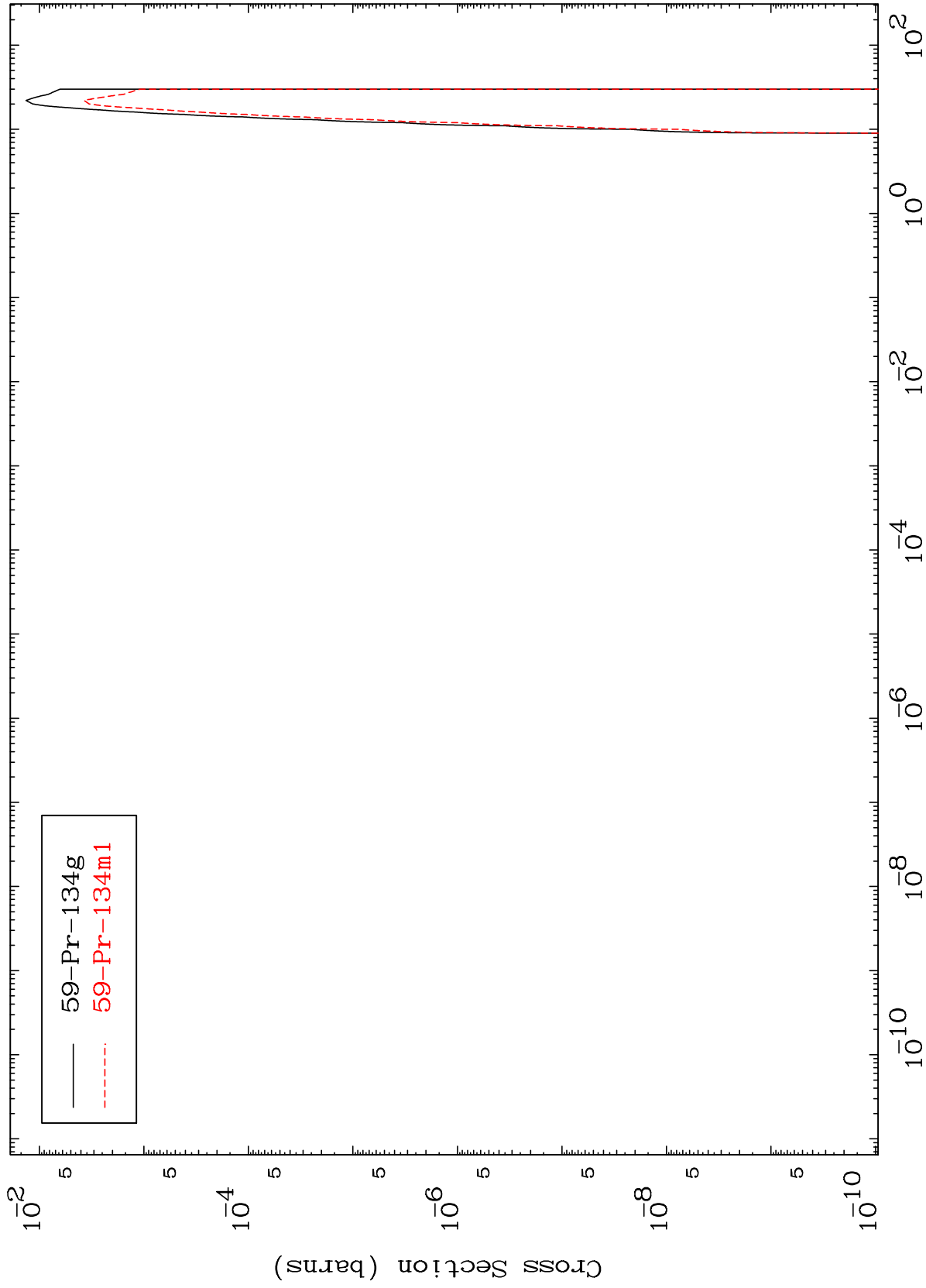
59-Pr-133

MAT 5901

(He-3,2p)

59-Pr-133

Radionuclide Production Cross Section



23

Incident Energy (MeV)

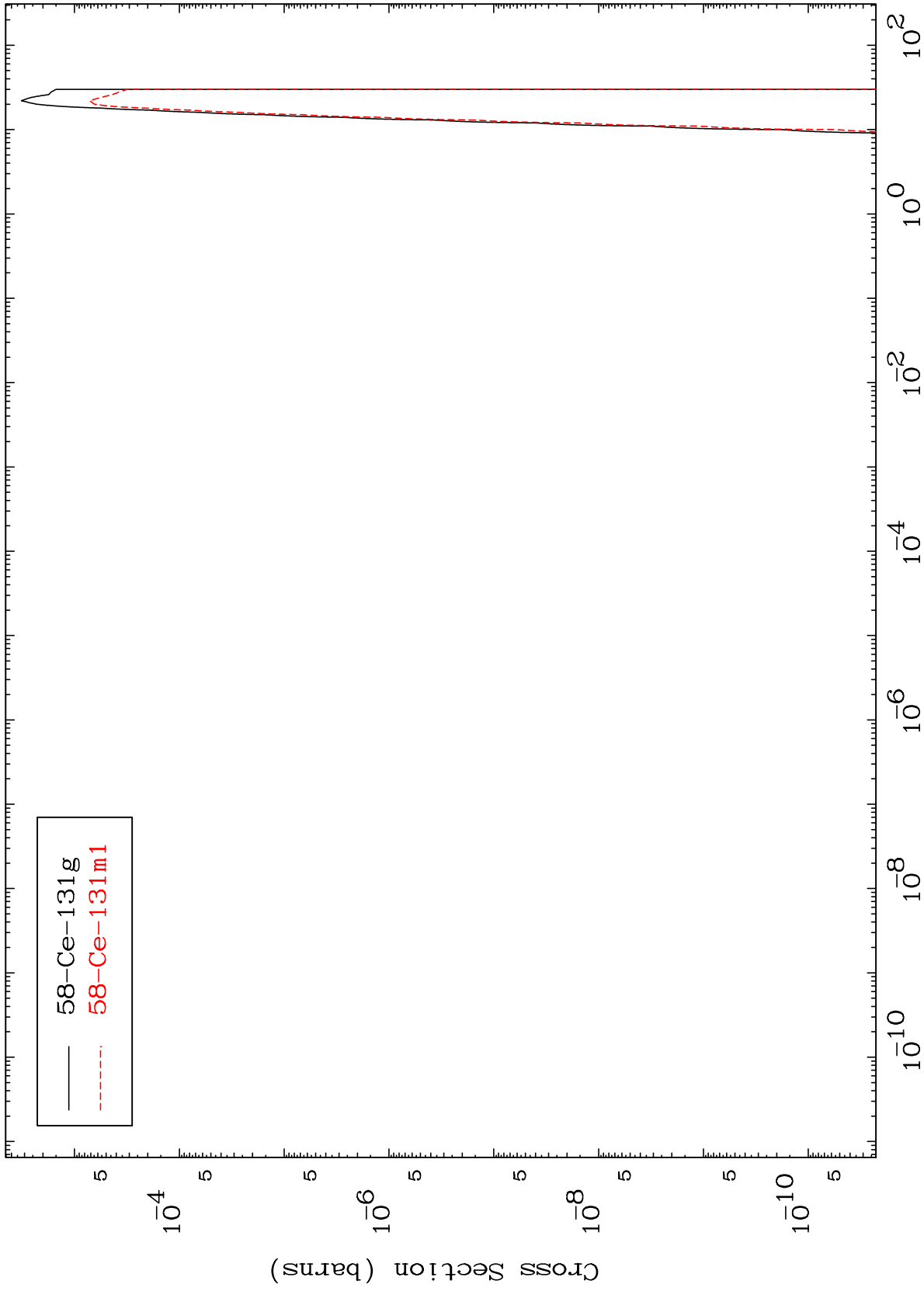
59-Pr-133

MAT 5901

(He-3,p) α

59-Pr-133

Radionuclide Production Cross Section



24

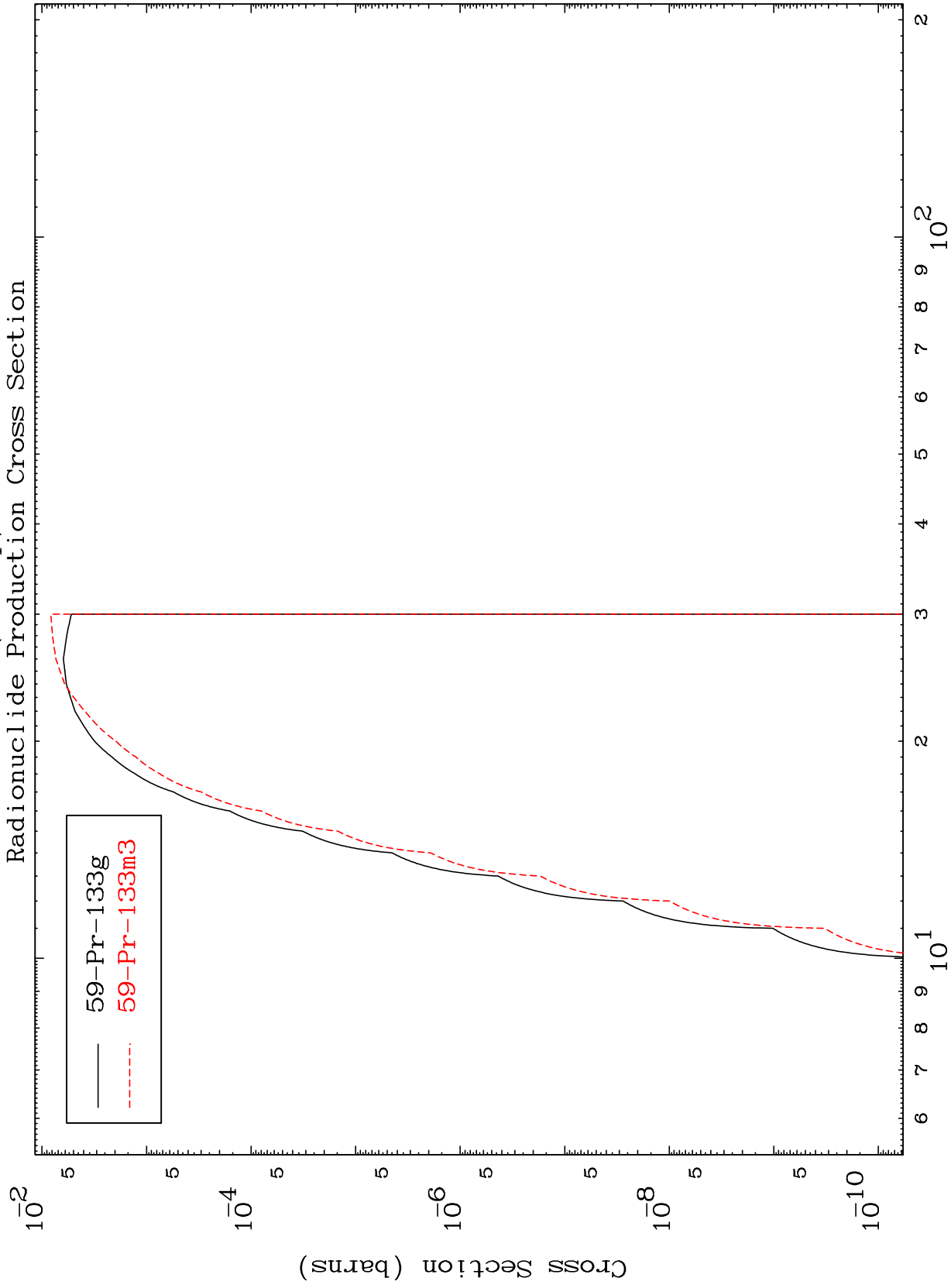
Incident Energy (MeV)

59-Pr-133

MAT 5901

(He-3,p) d

59-Pr-133



25

Incident Energy (MeV)

59-Pr-133