

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

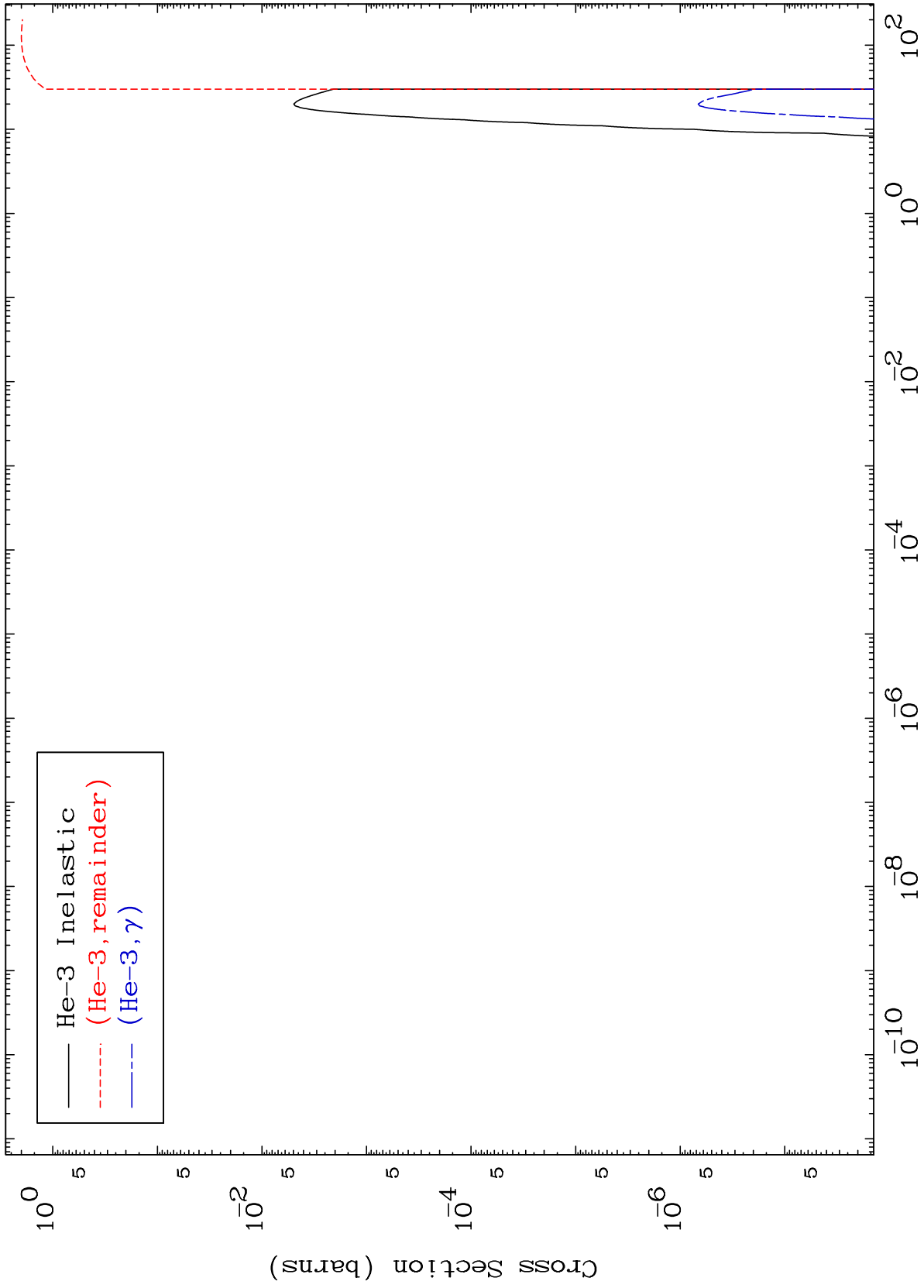
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Web: redcullen1.net/HOMEPAGE.NEW

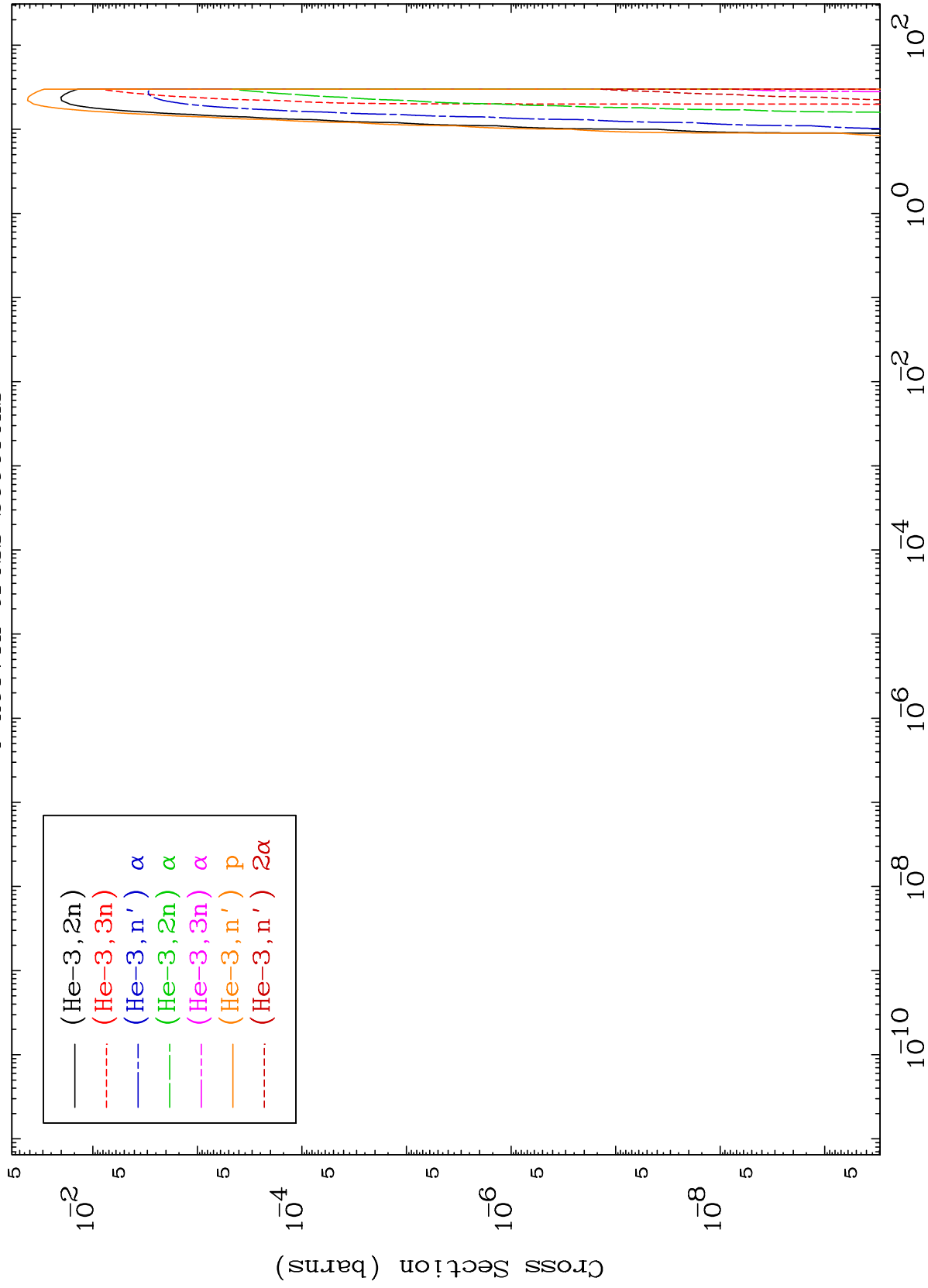
Press Mouse Button to Start



MAT 5910

He-3 Neutron Production
0 Kelvin Cross Sections

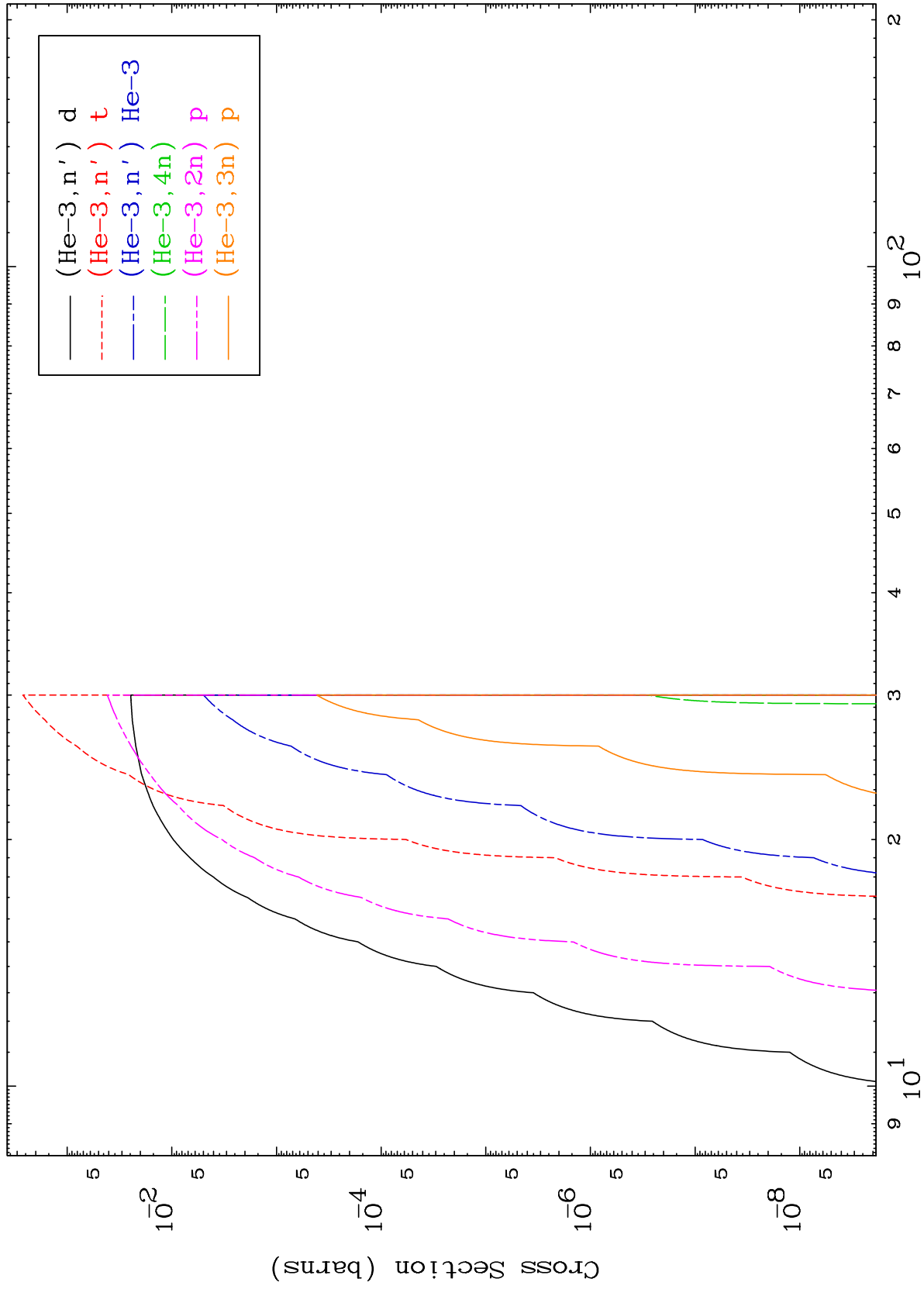
59-Pr-136

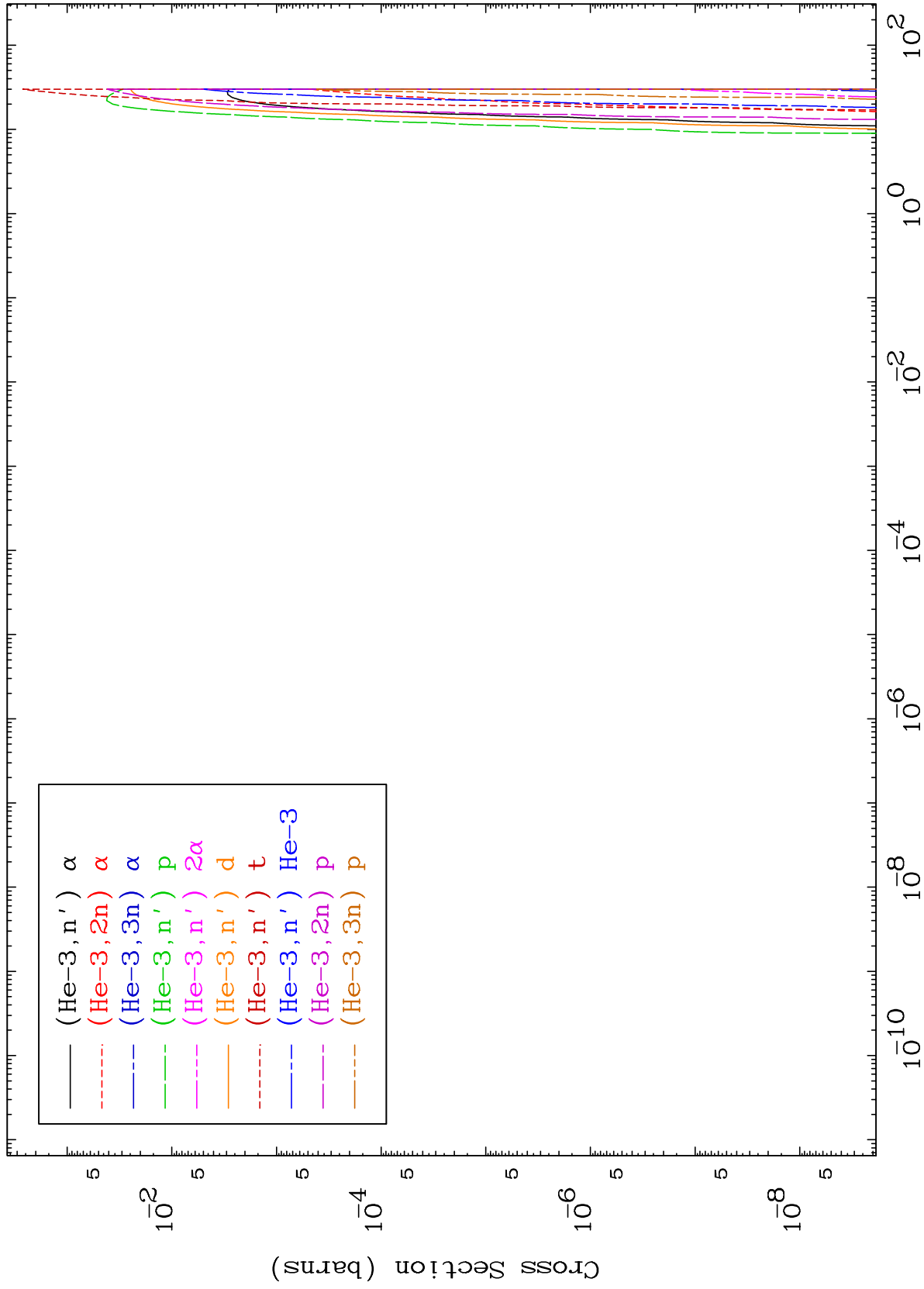


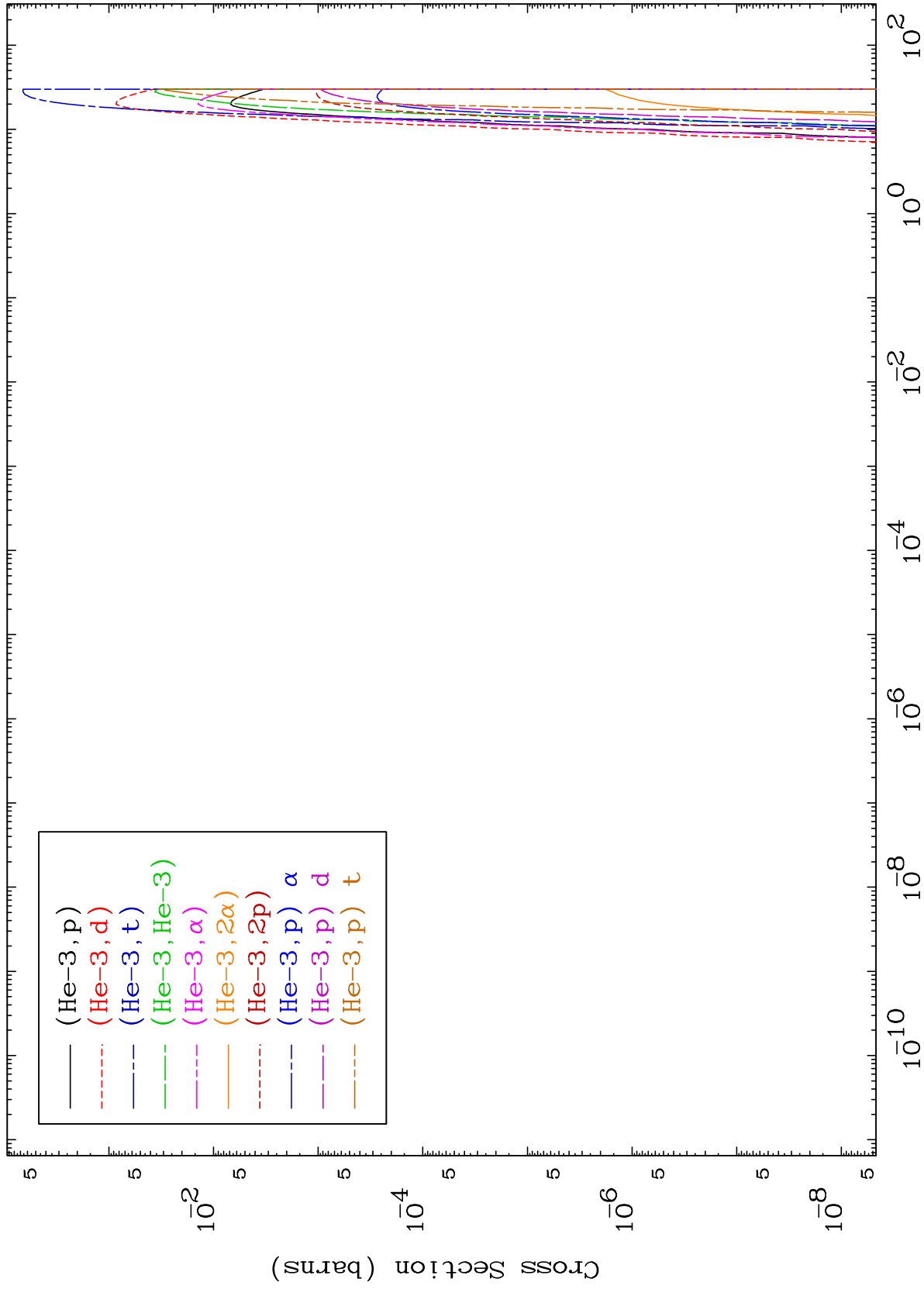
2

Incident Energy (MeV)

59-Pr-136



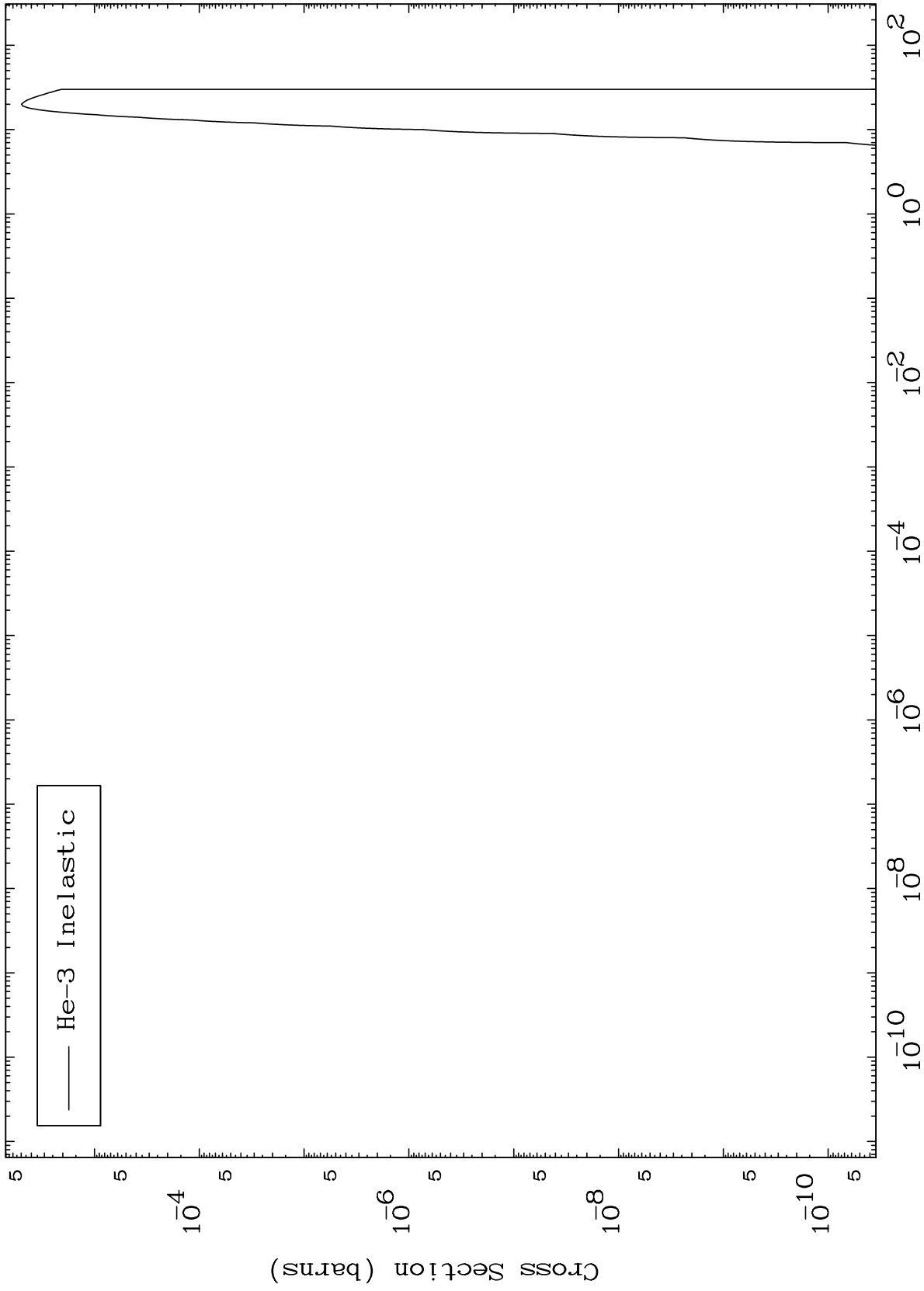




MAT 5910

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

59-Pr-136



6

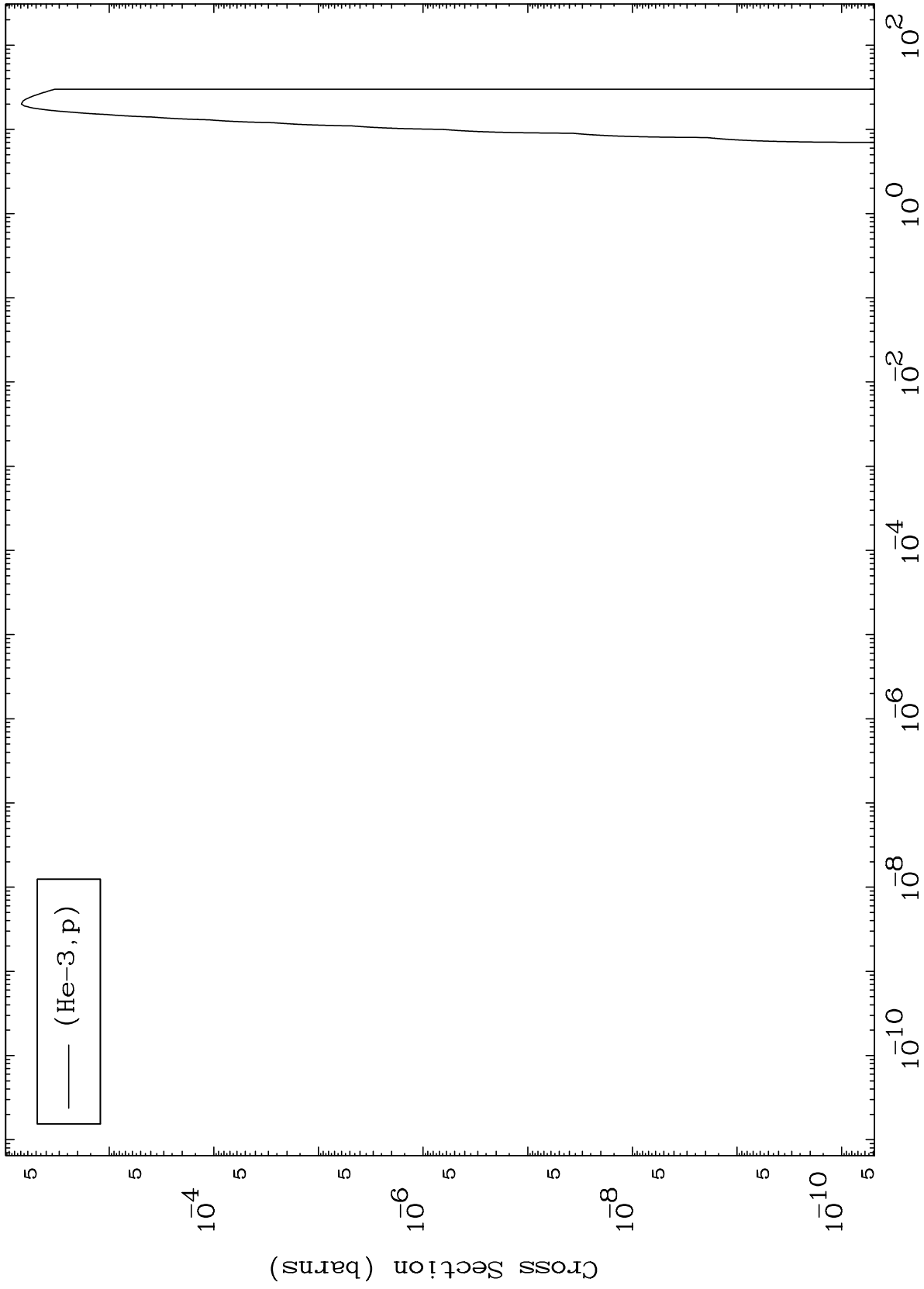
Incident Energy (MeV)

59-Pr-136

MAT 5910

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

59-Pr-136



7

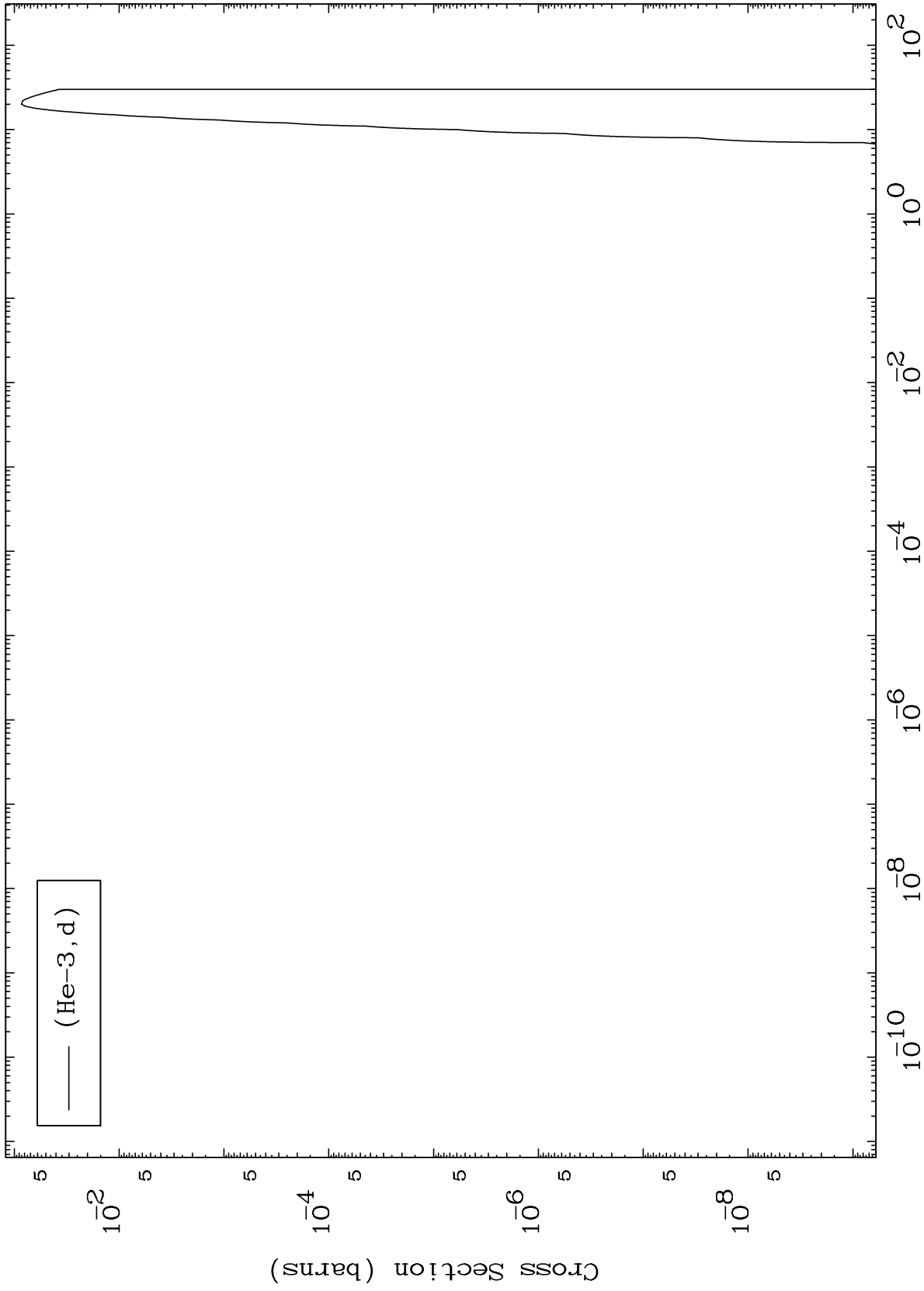
Incident Energy (MeV)

59-Pr-136

MAT 5910

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

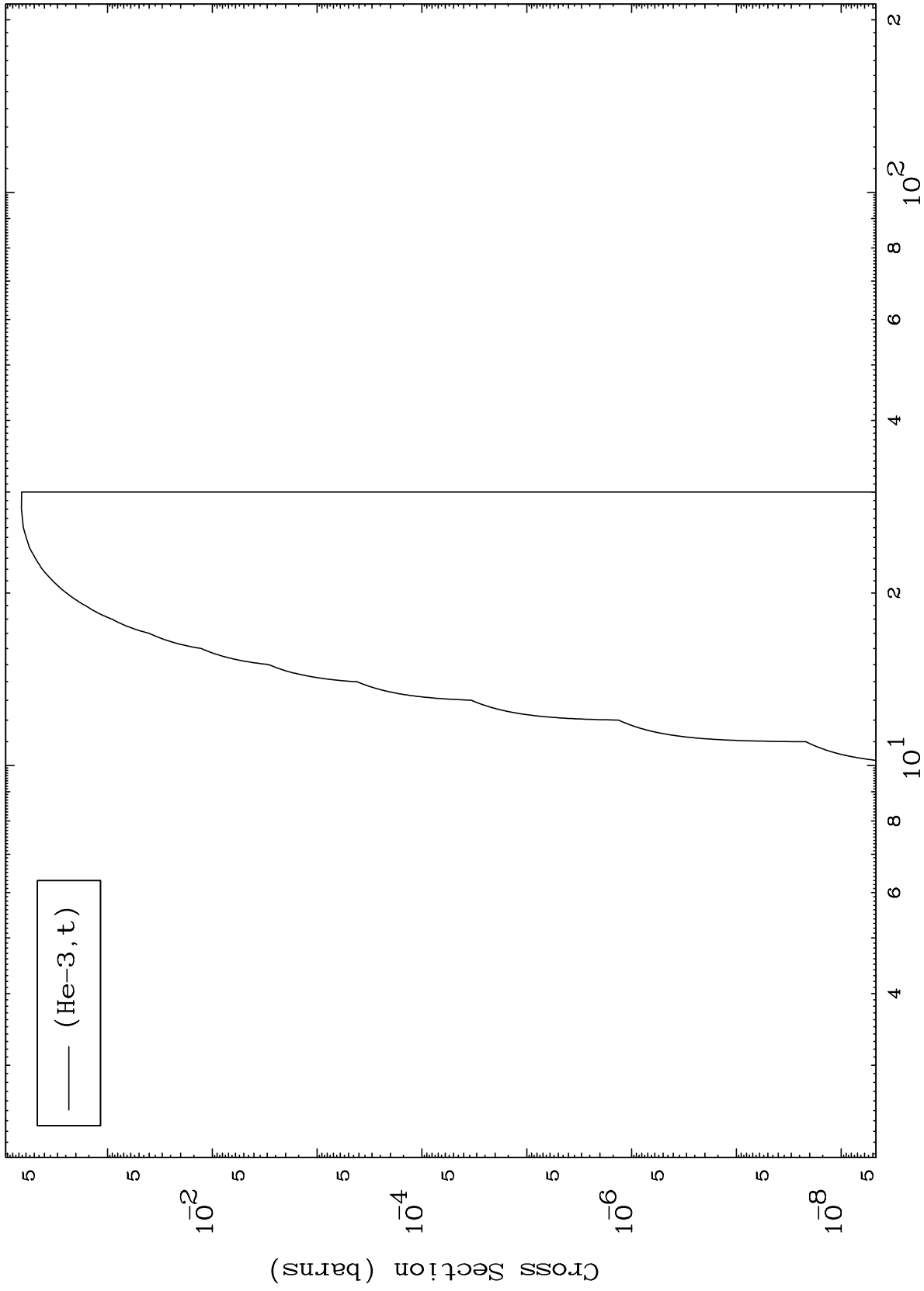
59-Pr-136



8

Incident Energy (MeV)

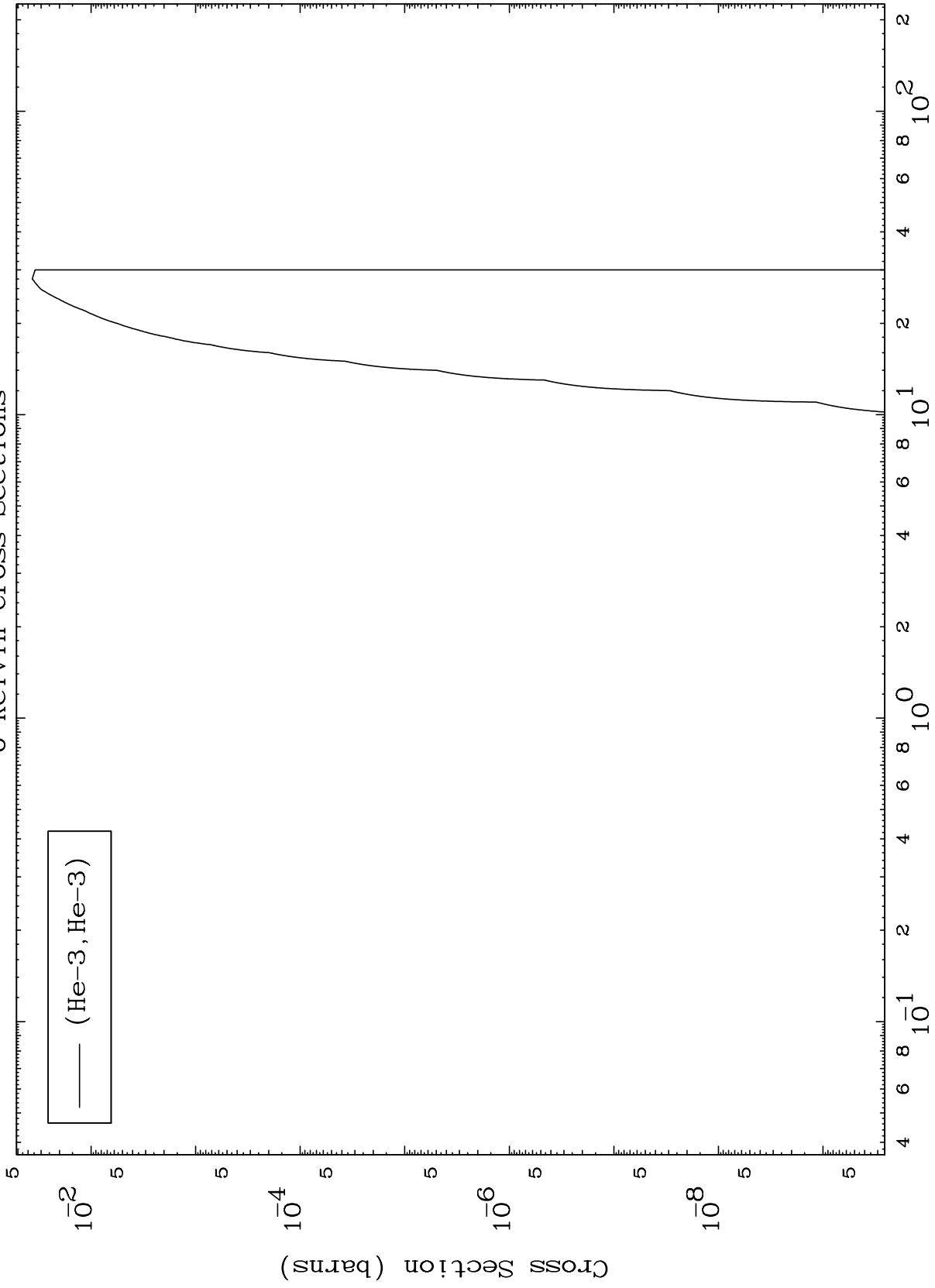
59-Pr-136



MAT 5910

(He-3, He3) Levels
0 Kelvin Cross Sections

59-Pr-136



10

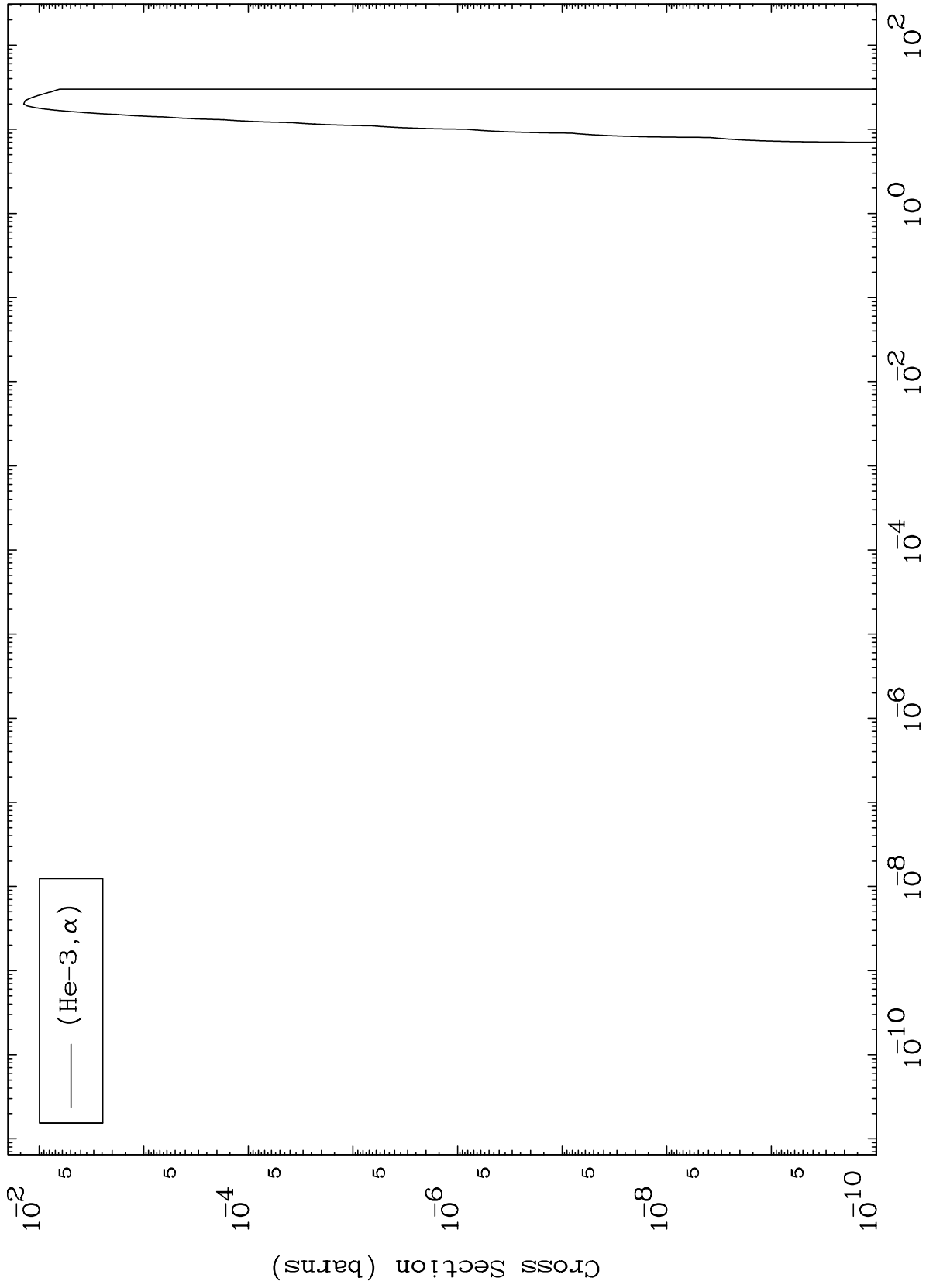
Incident Energy (MeV)

59-Pr-136

MAT 5910

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

59-Pr-136



11

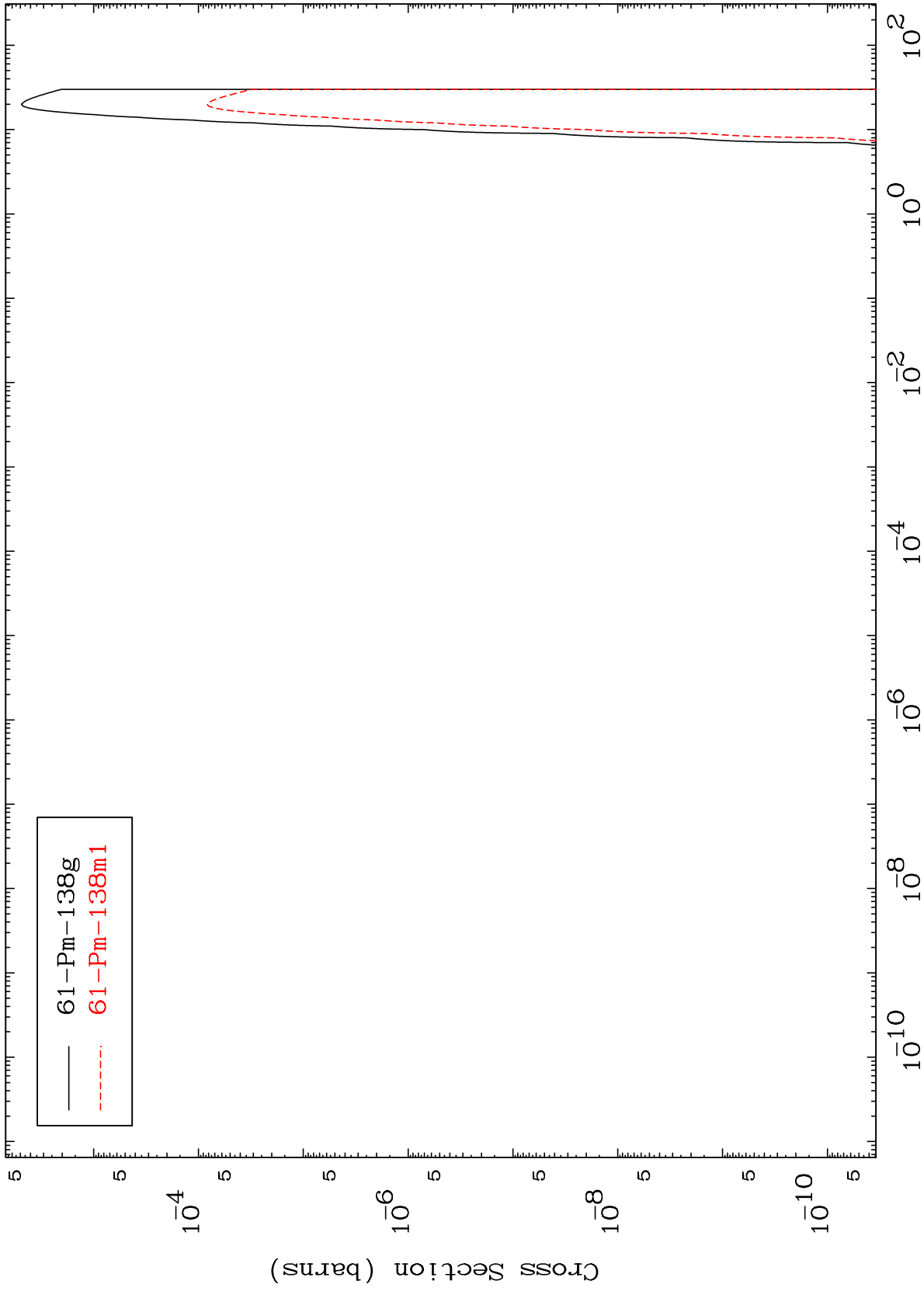
Incident Energy (MeV)

59-Pr-136

MAT 5910

He-3 Inelastic
Radionuclide Production Cross Section

59-Pr-136



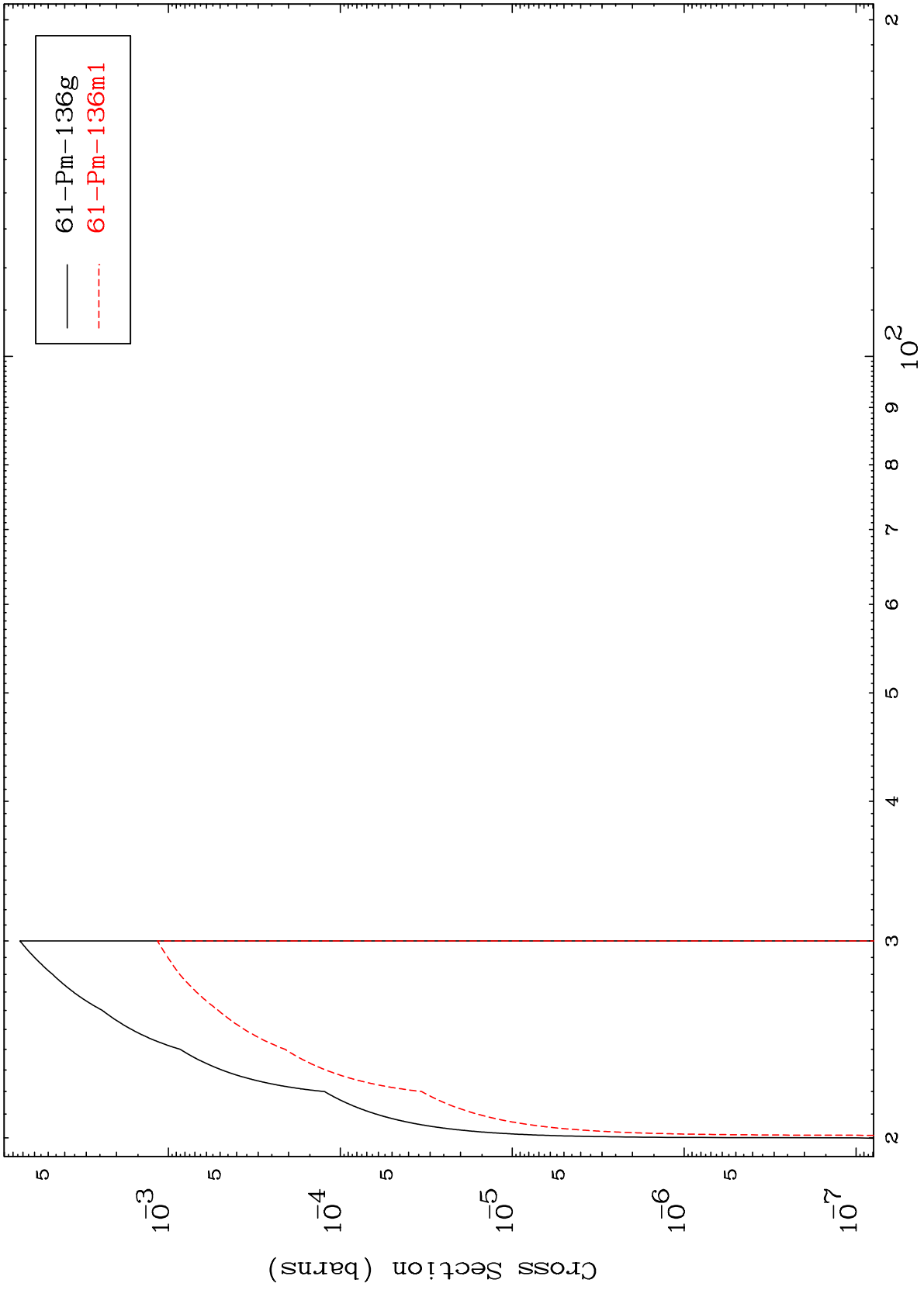
59-Pr-136

MAT 5910

(He-3,3n)

59-Pr-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

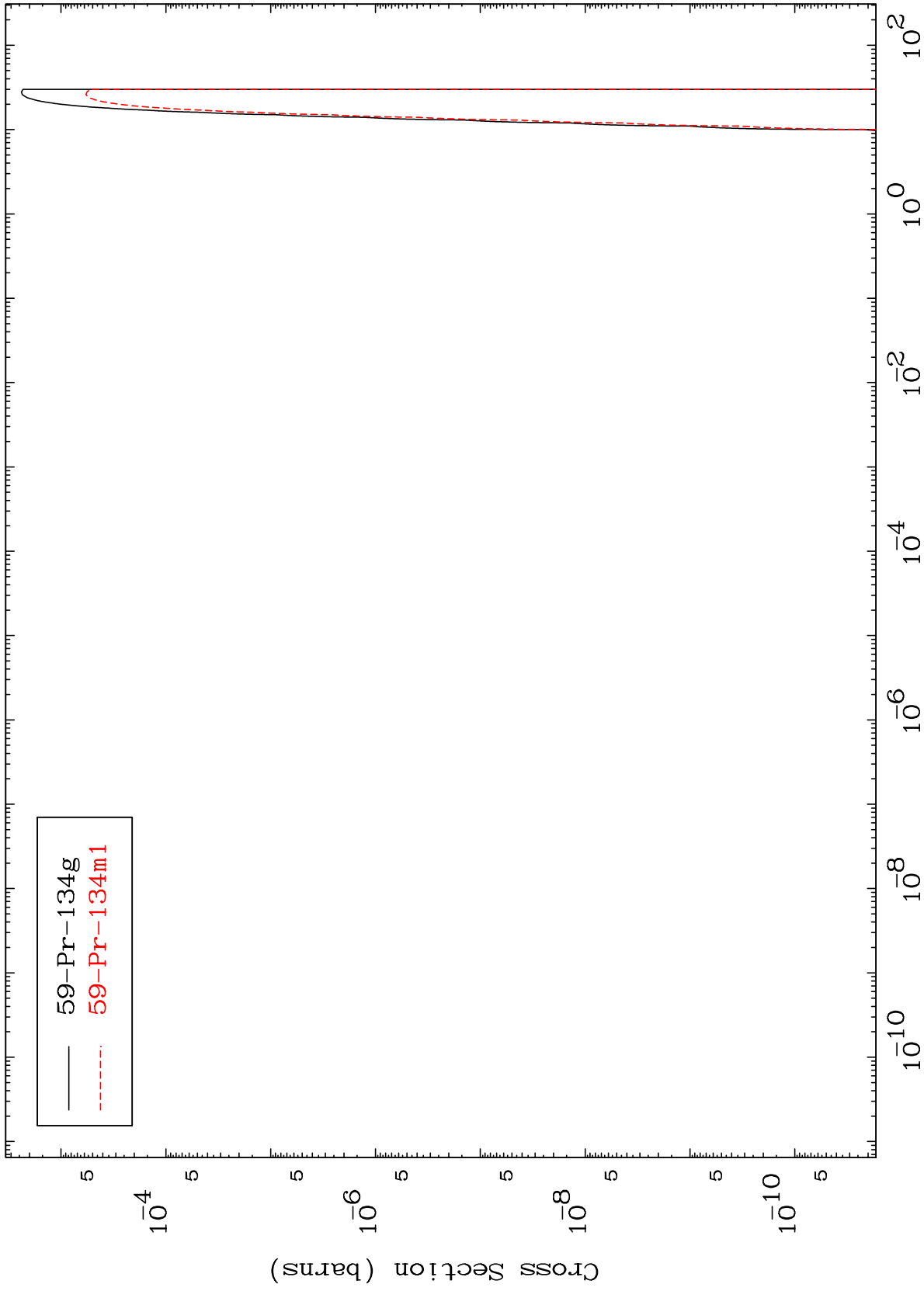
59-Pr-136

MAT 5910

(He-3, n') α

59-Pr-136

Radionuclide Production Cross Section



14

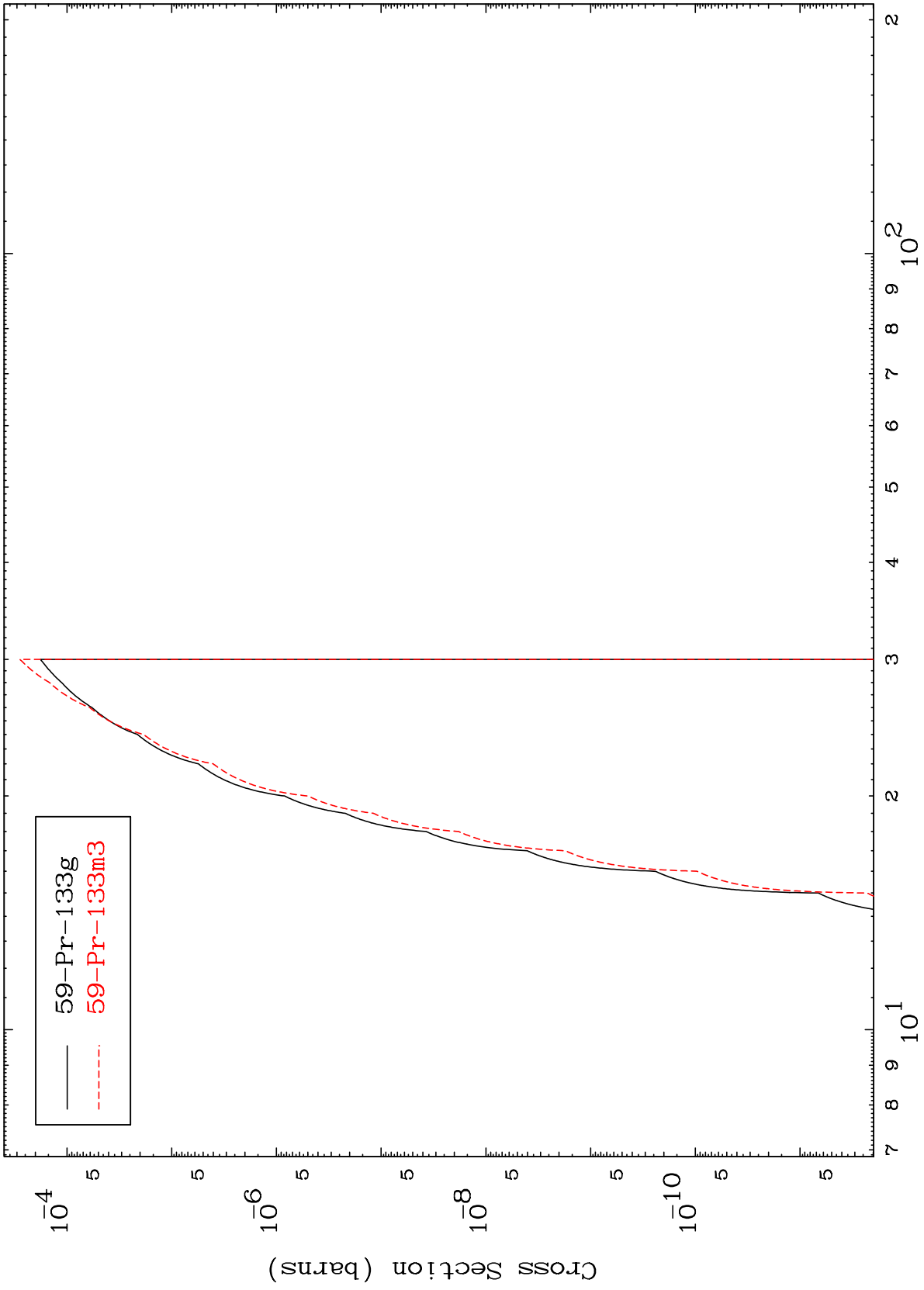
Incident Energy (MeV)

59-Pr-136

MAT 5910

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

59-Pr-136



15

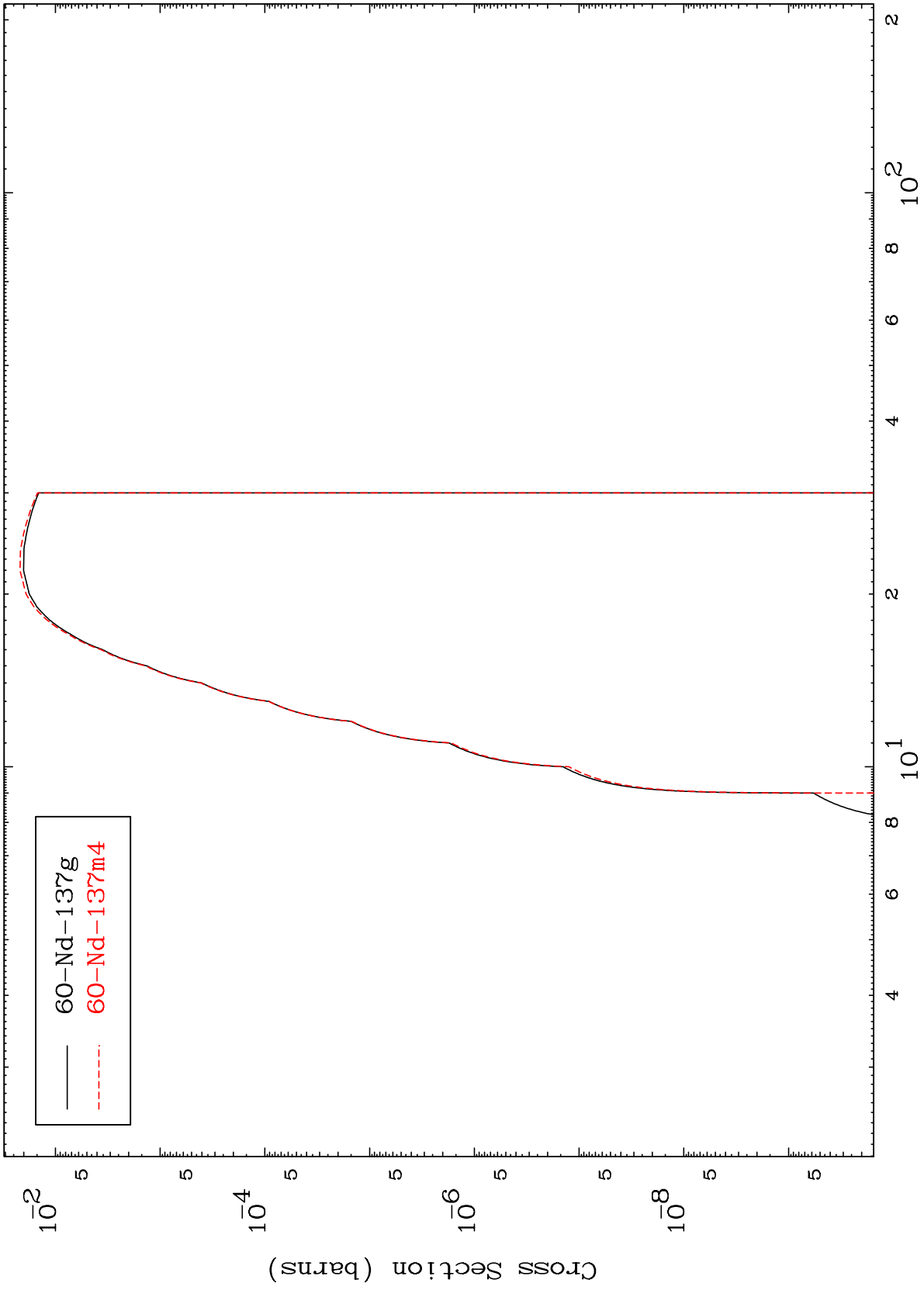
Incident Energy (MeV)

59-Pr-136

MAT 5910

59-Pr-136

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



16

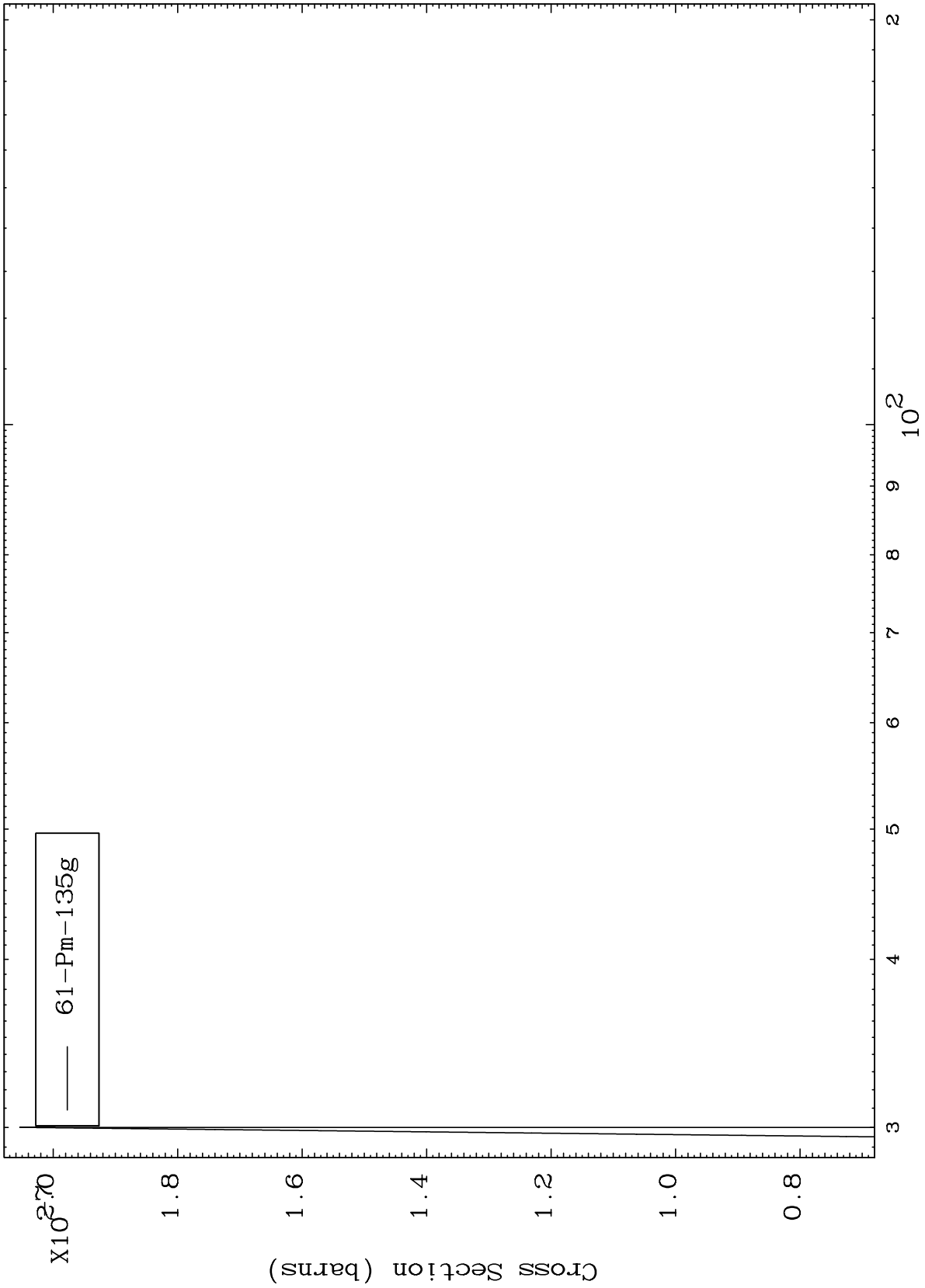
59-Pr-136

MAT 5910

(He-3,4n)

59-Pr-136

Radionuclide Production Cross Section



17

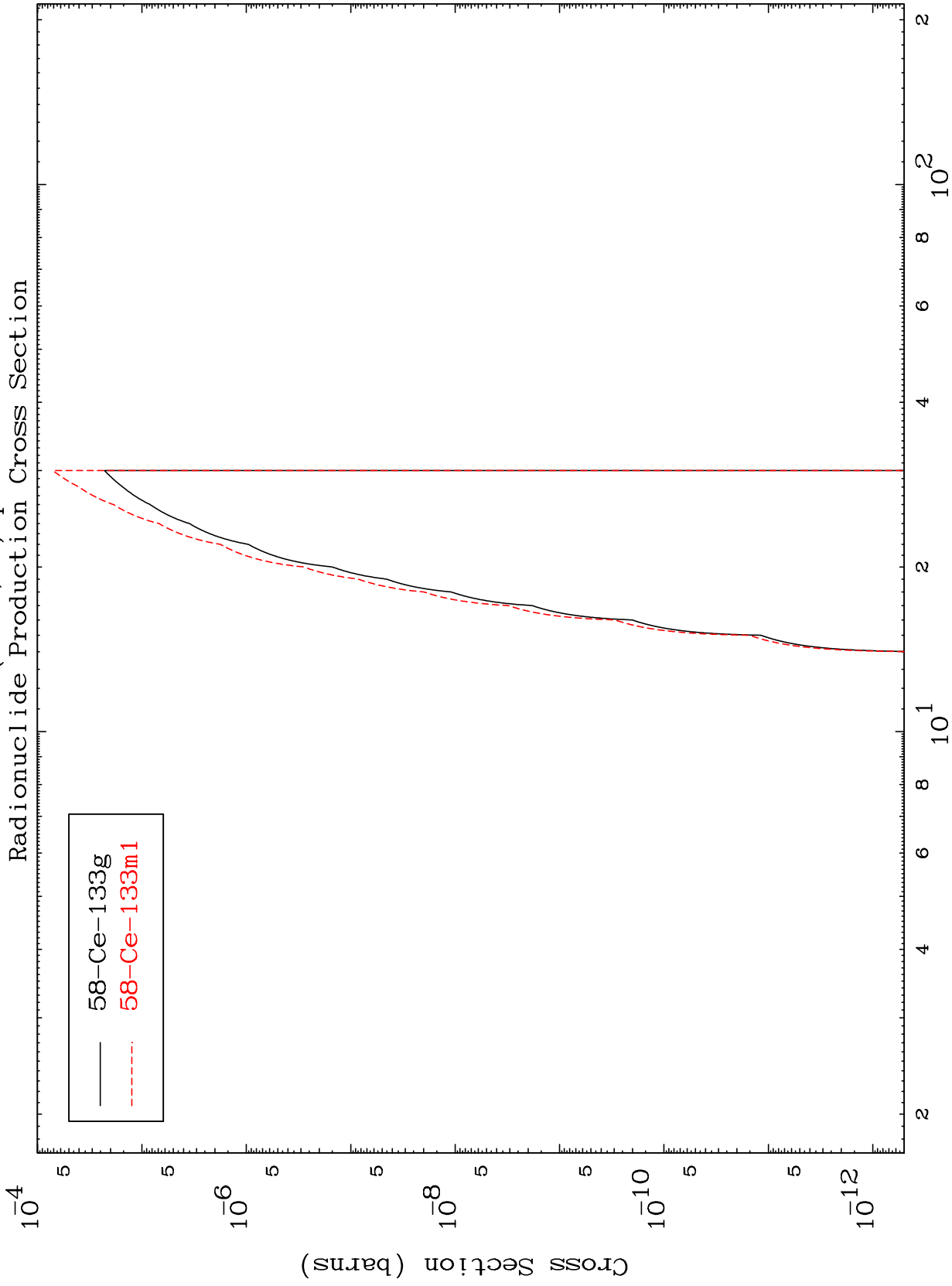
Incident Energy (MeV)

59-Pr-136

MAT 5910

(He-3, n') p α

59-Pr-136



18

Incident Energy (MeV)

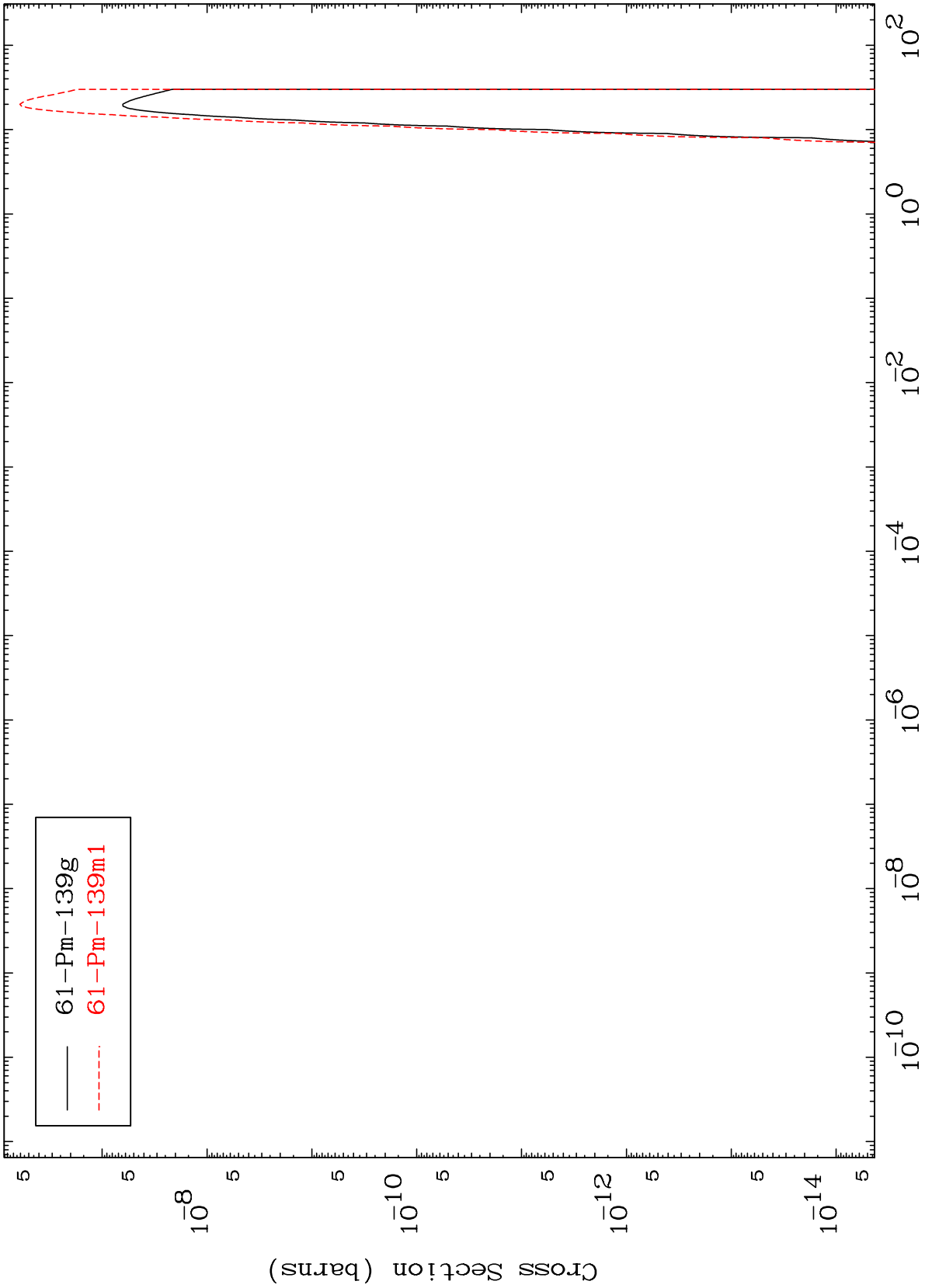
59-Pr-136

MAT 5910

(He-3, γ)

59-Pr-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

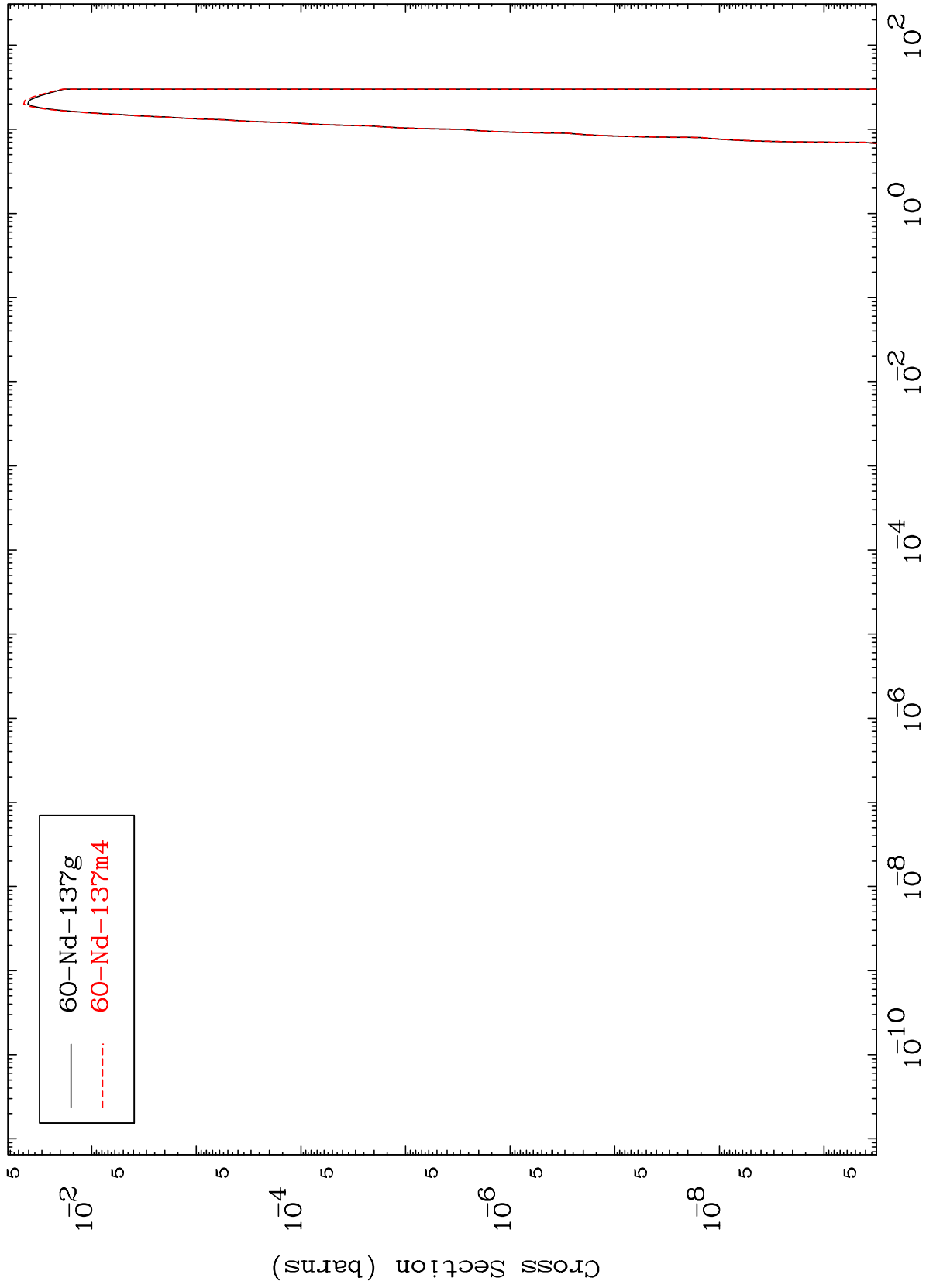
59-Pr-136

MAT 5910

(He-3,d)

59-Pr-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

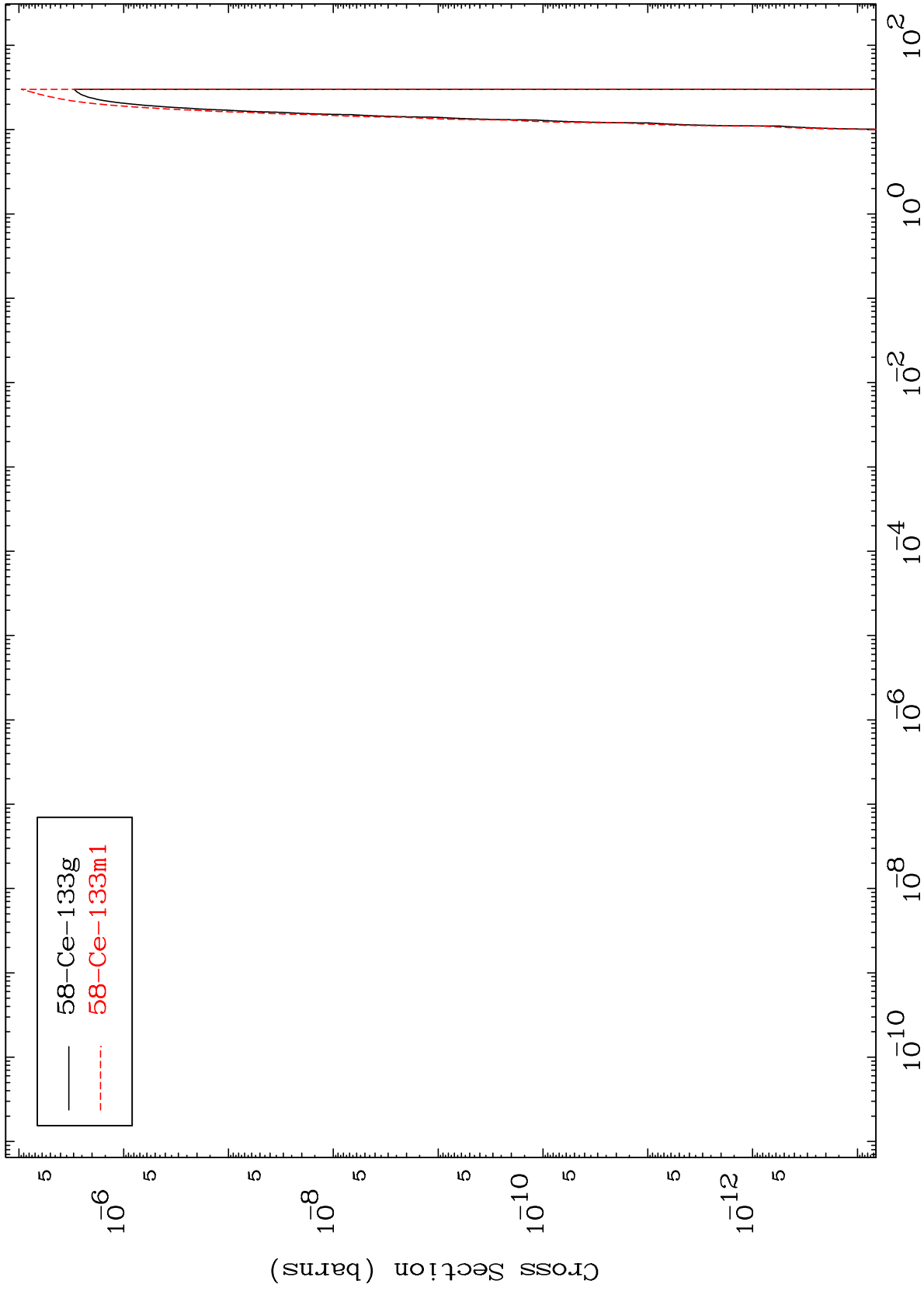
59-Pr-136

MAT 5910

(He-3,d) α

59-Pr-136

Radionuclide Production Cross Section



21

Incident Energy (MeV)

59-Pr-136