

Program EVALPLOT
(Version 2021-1)

by

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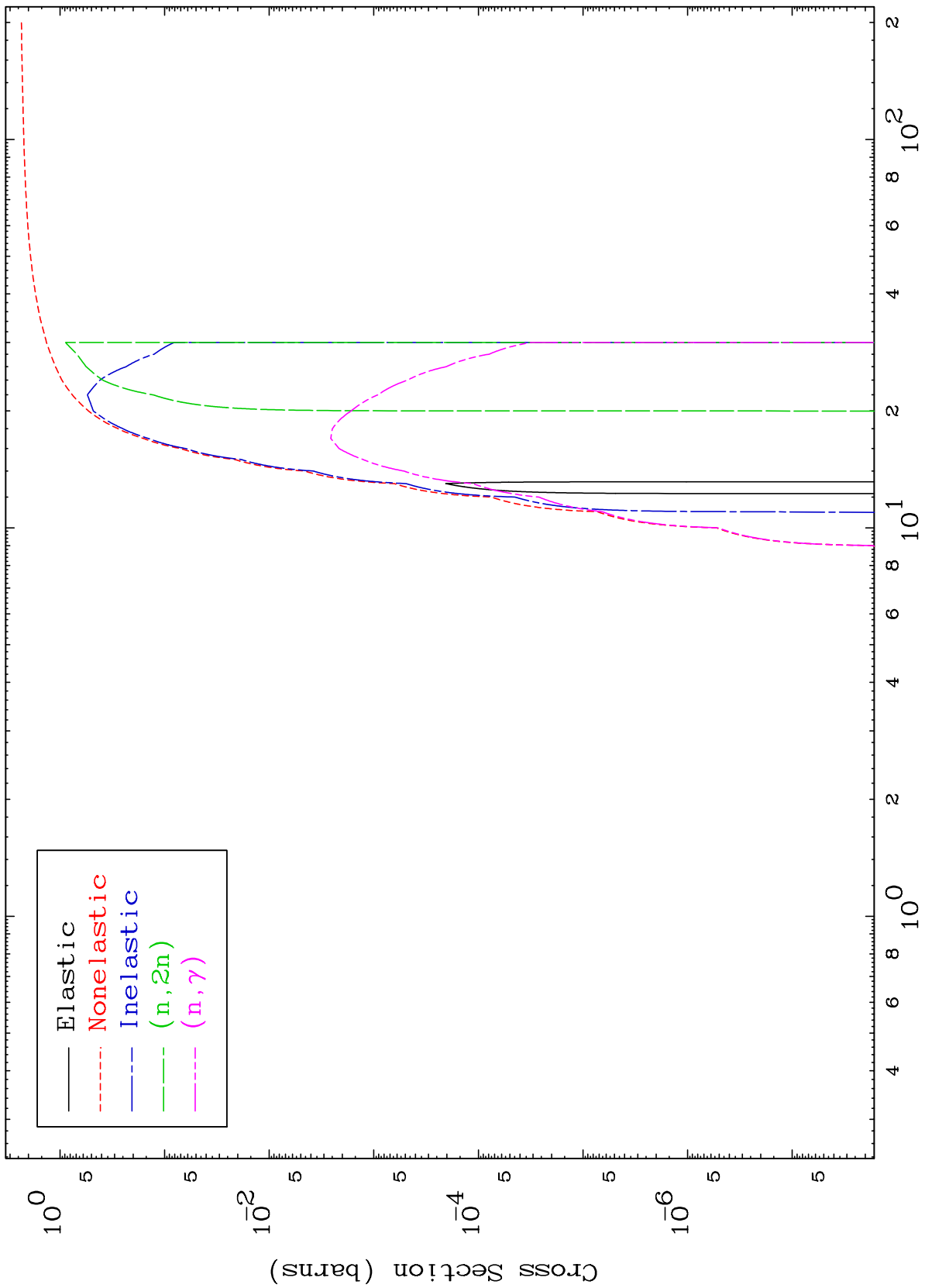
Press Mouse Button to Start

MAT 5913

α Major

59-Pr-137

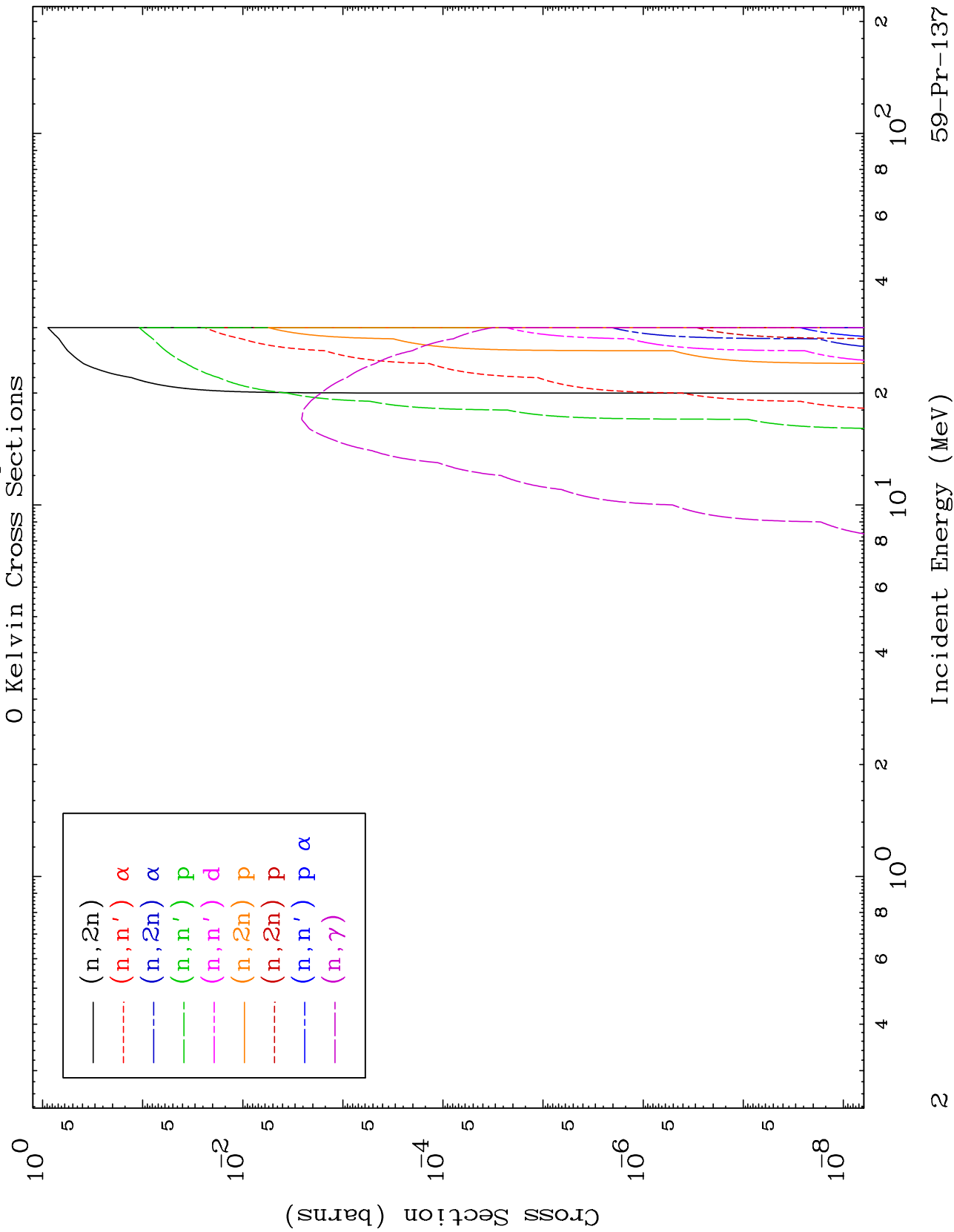
0 Kelvin Cross Sections

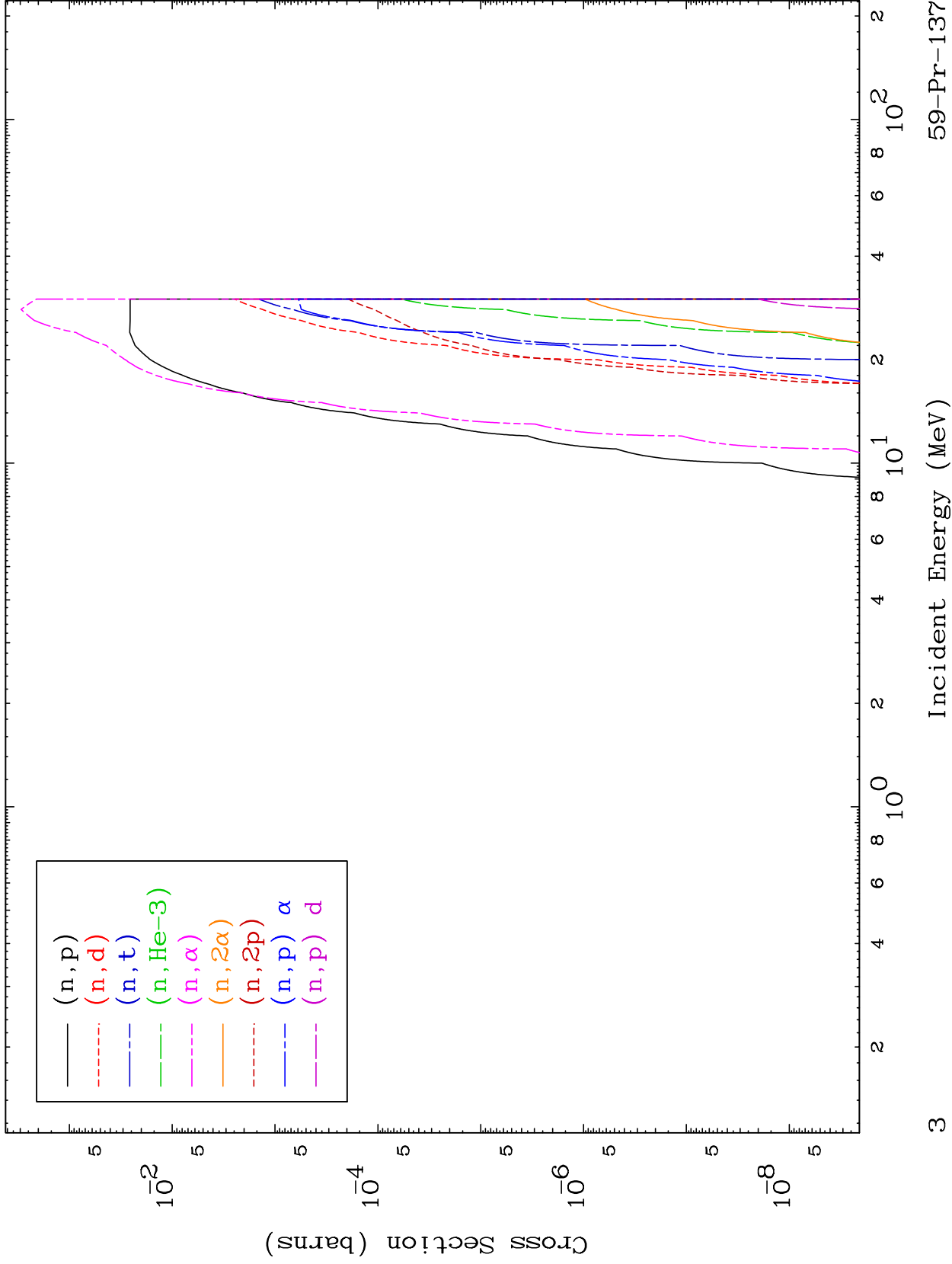


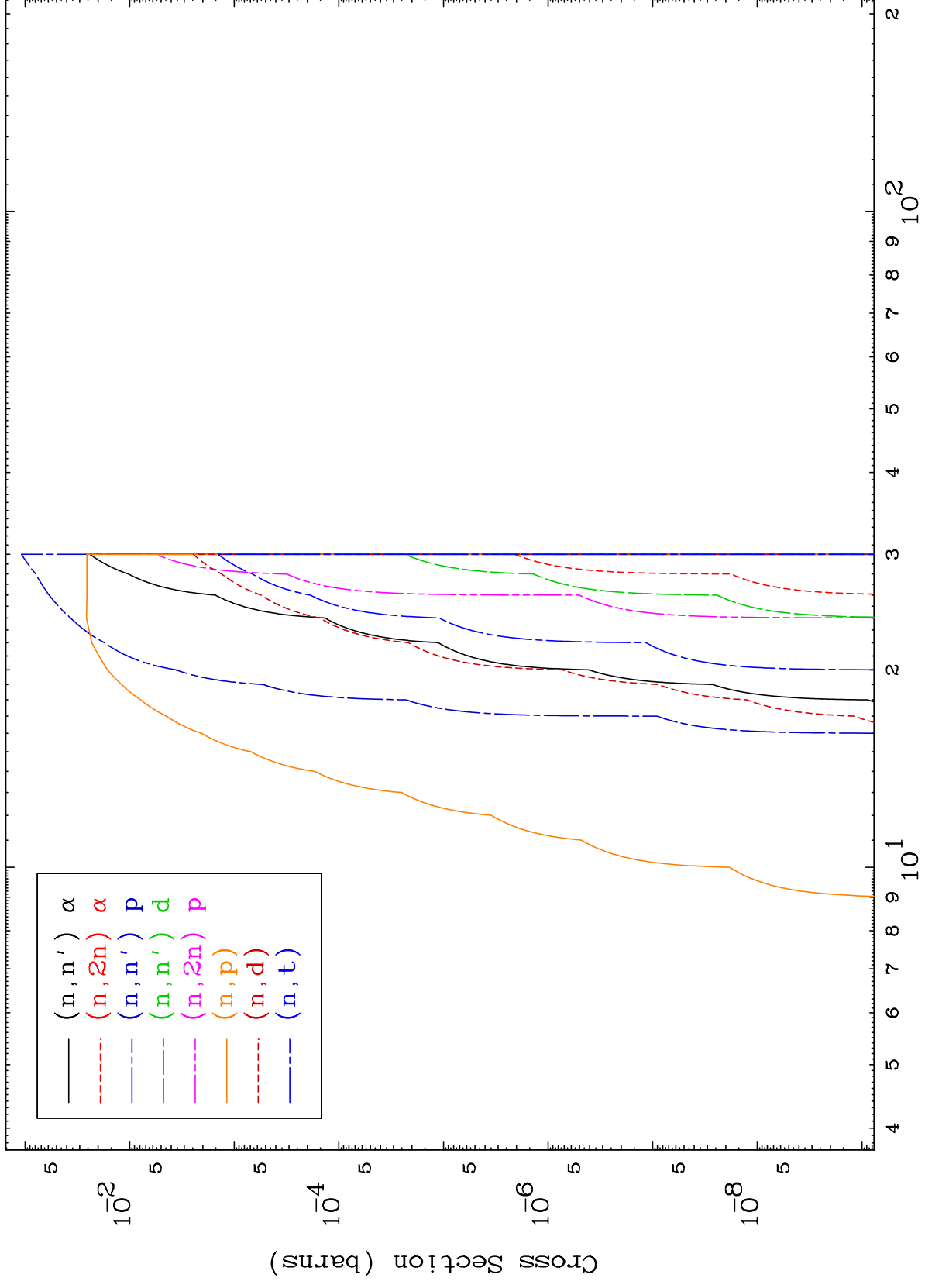
MAT 5913

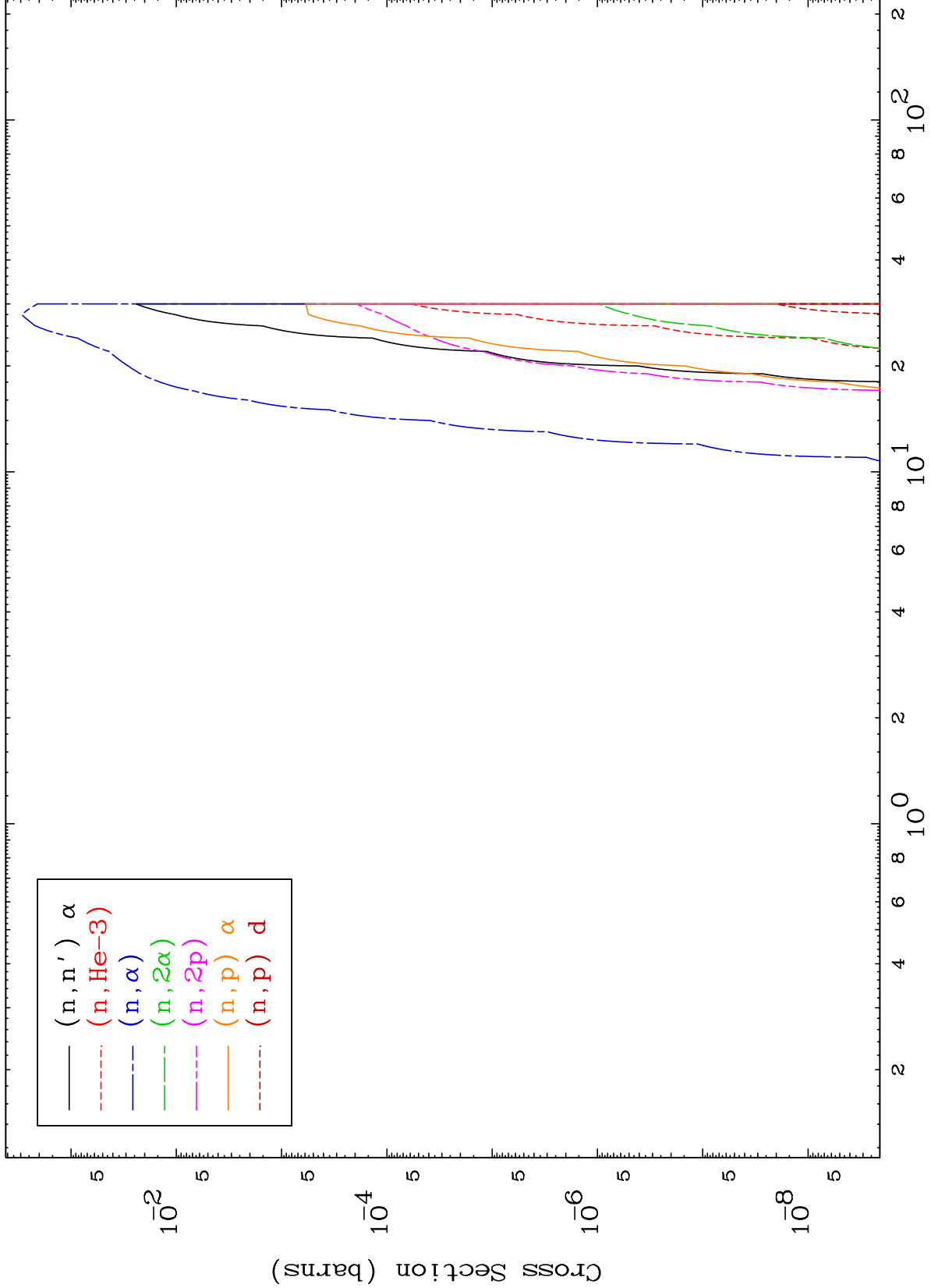
α Neutron Absorption

59-Pr-137







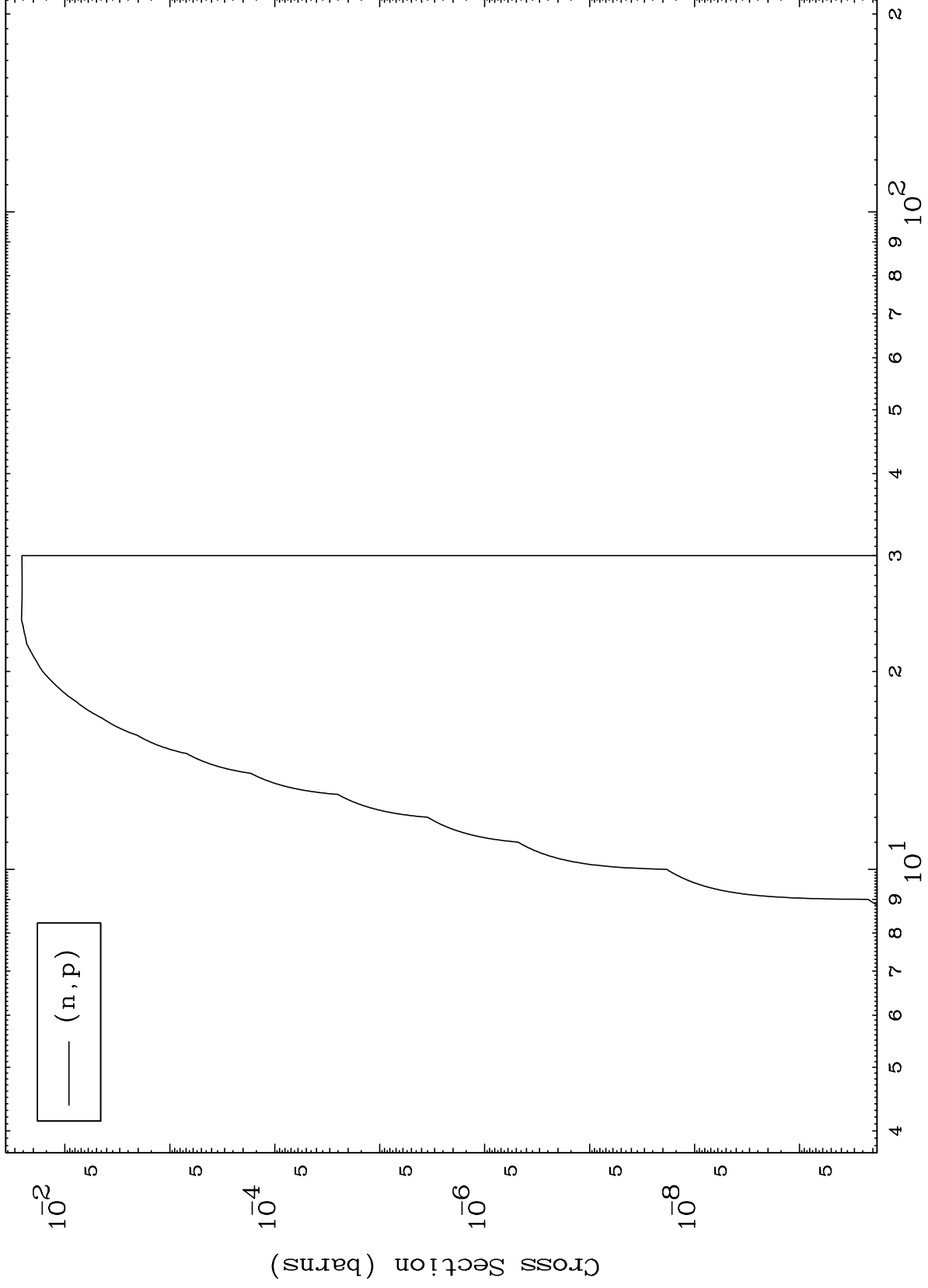


MAT 5913

(α, p) Levels

59-Pr-137

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

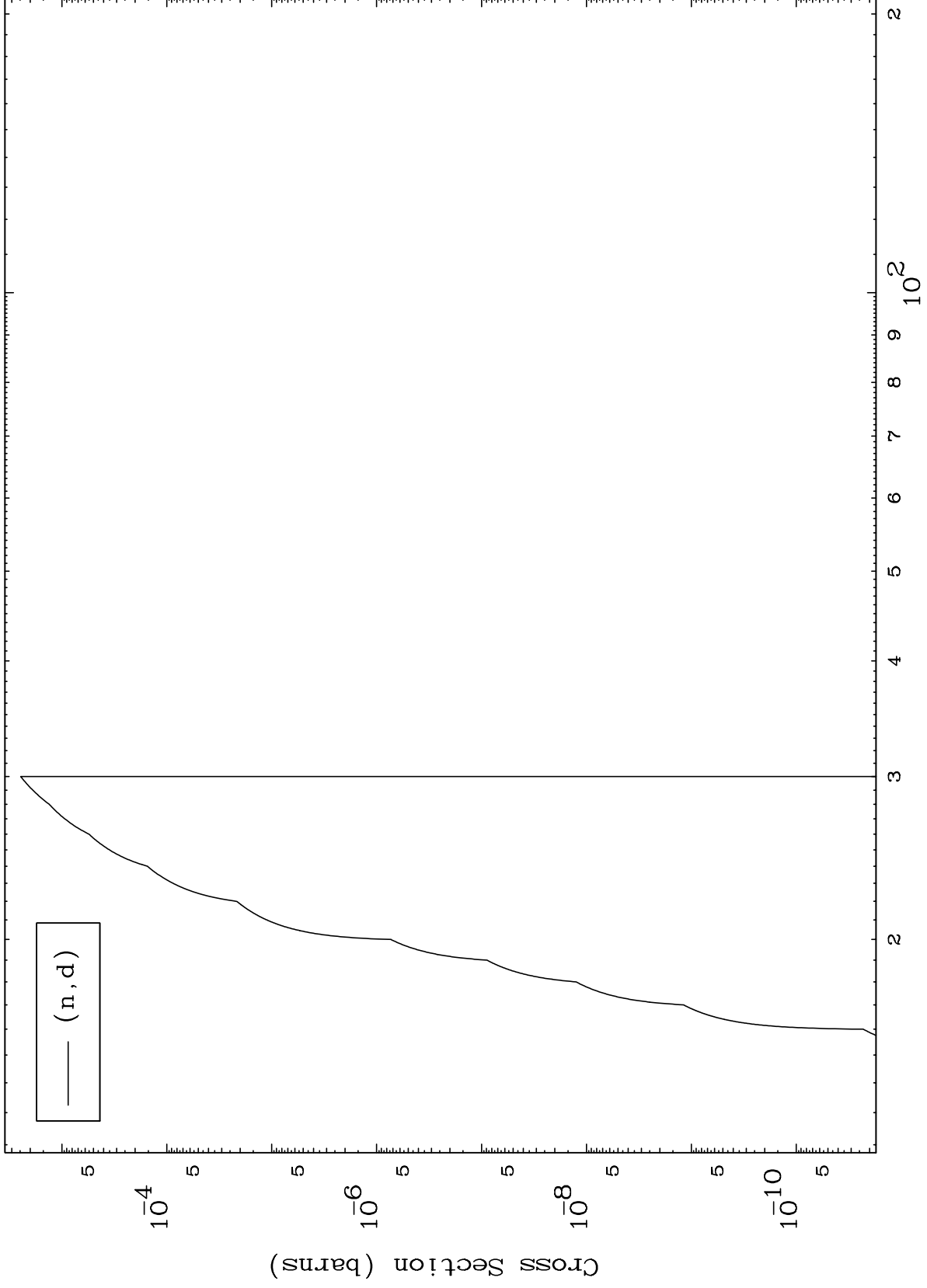
59-Pr-137

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MAT 5913

(α, d) Levels
0 Kelvin Cross Sections

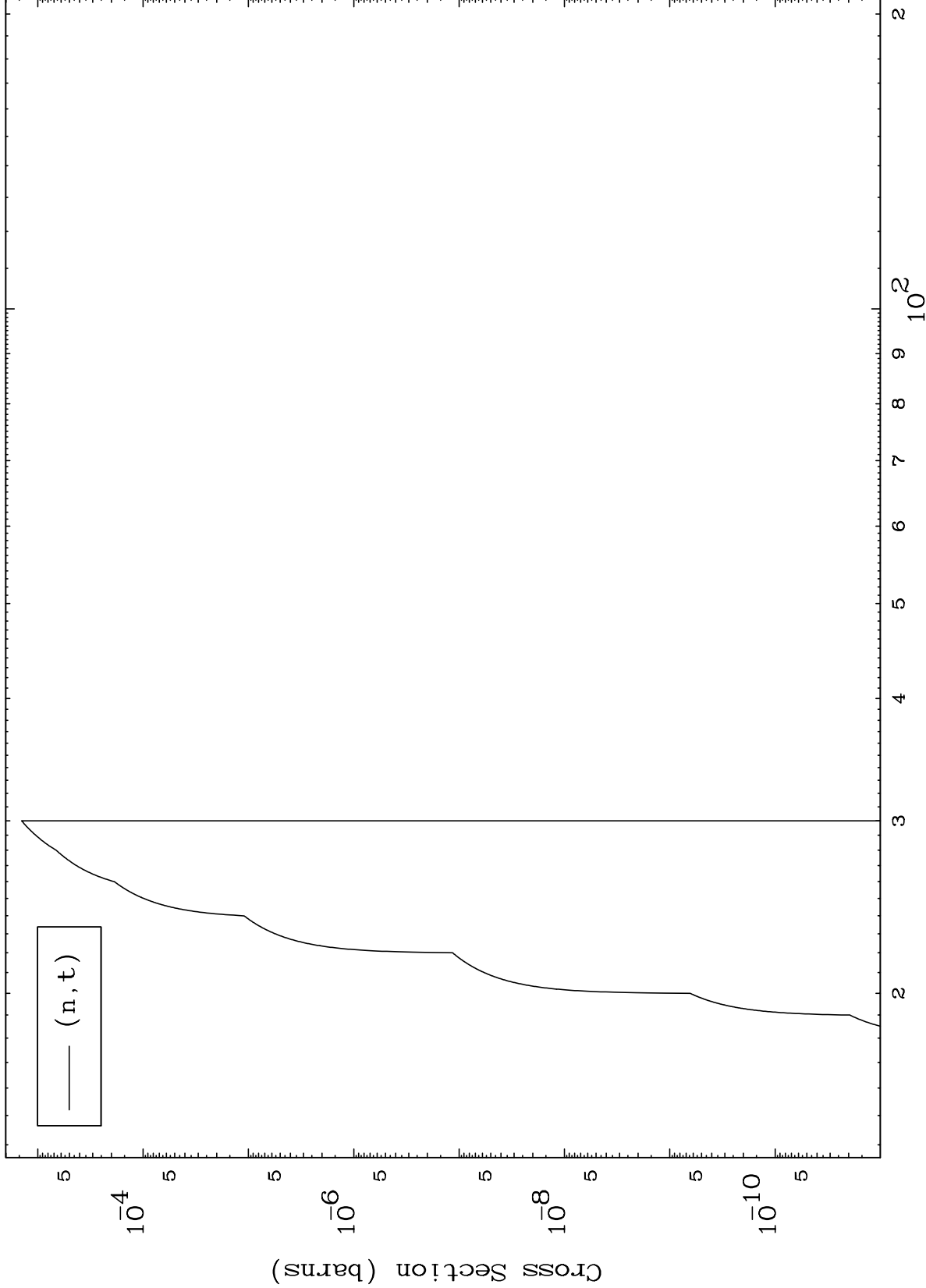
59-Pr-137

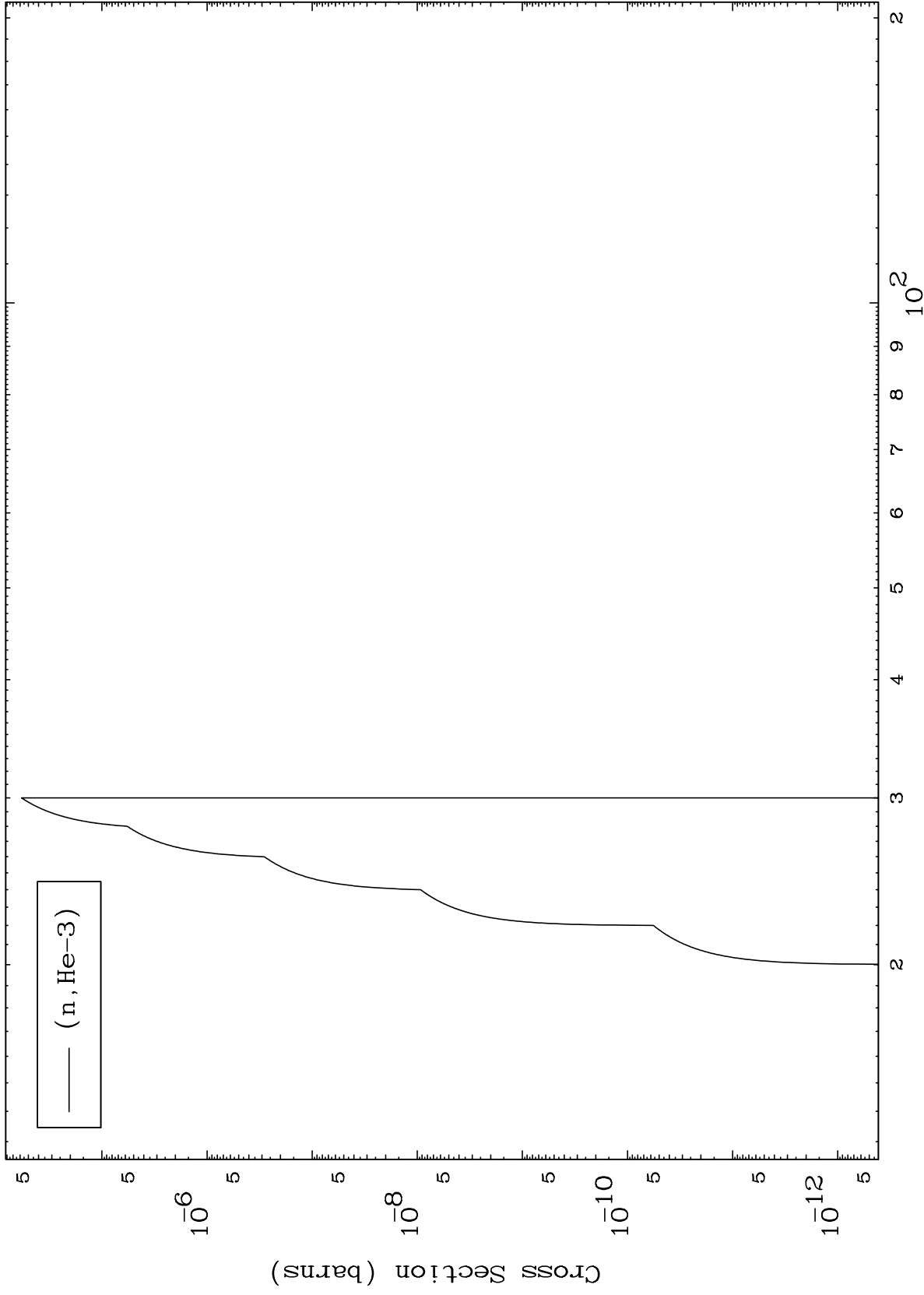


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Incident Energy (MeV)

59-Pr-137



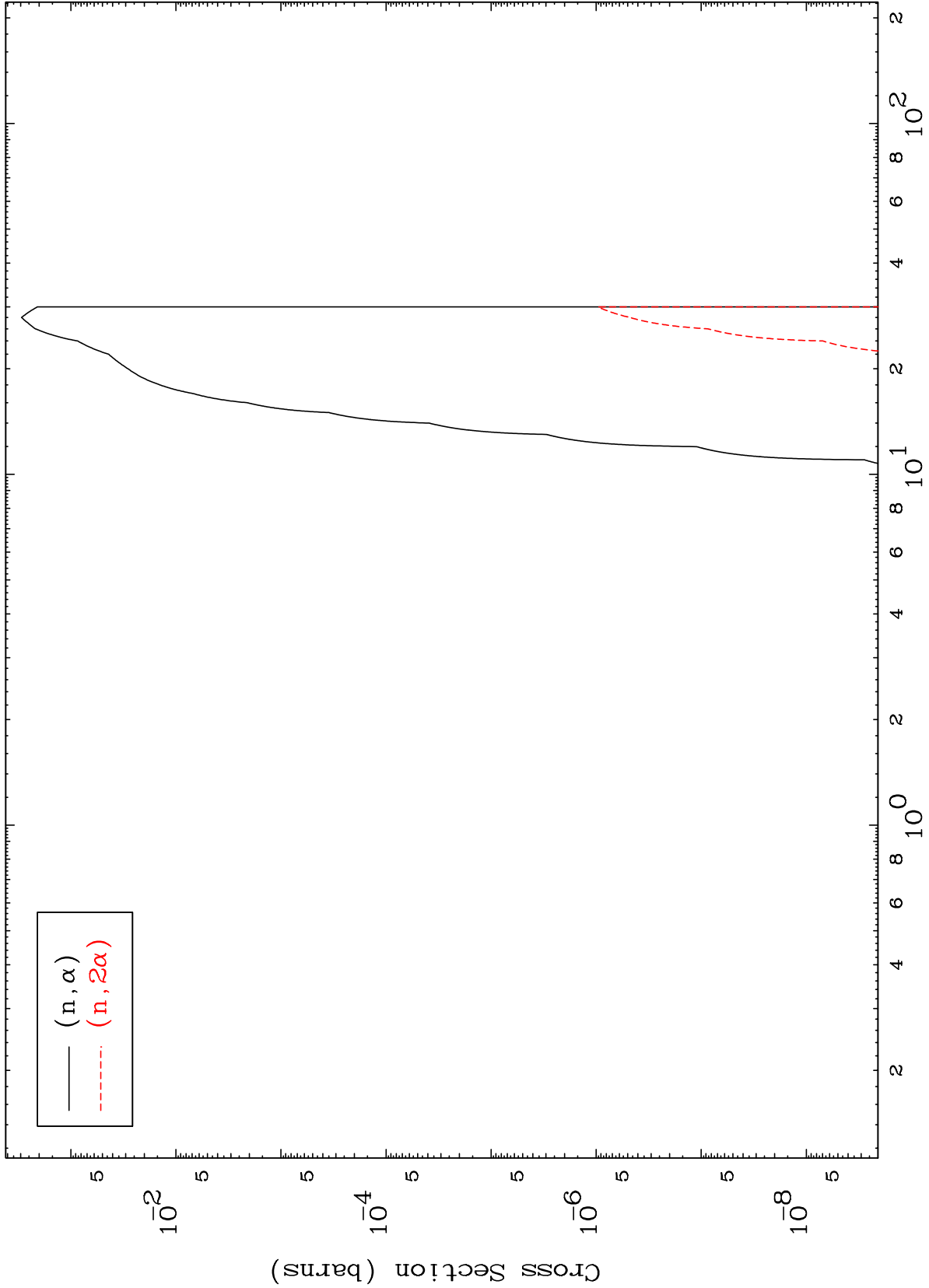


MAT 5913

(α, α) Levels

59-Pr-137

0 Kelvin Cross Sections



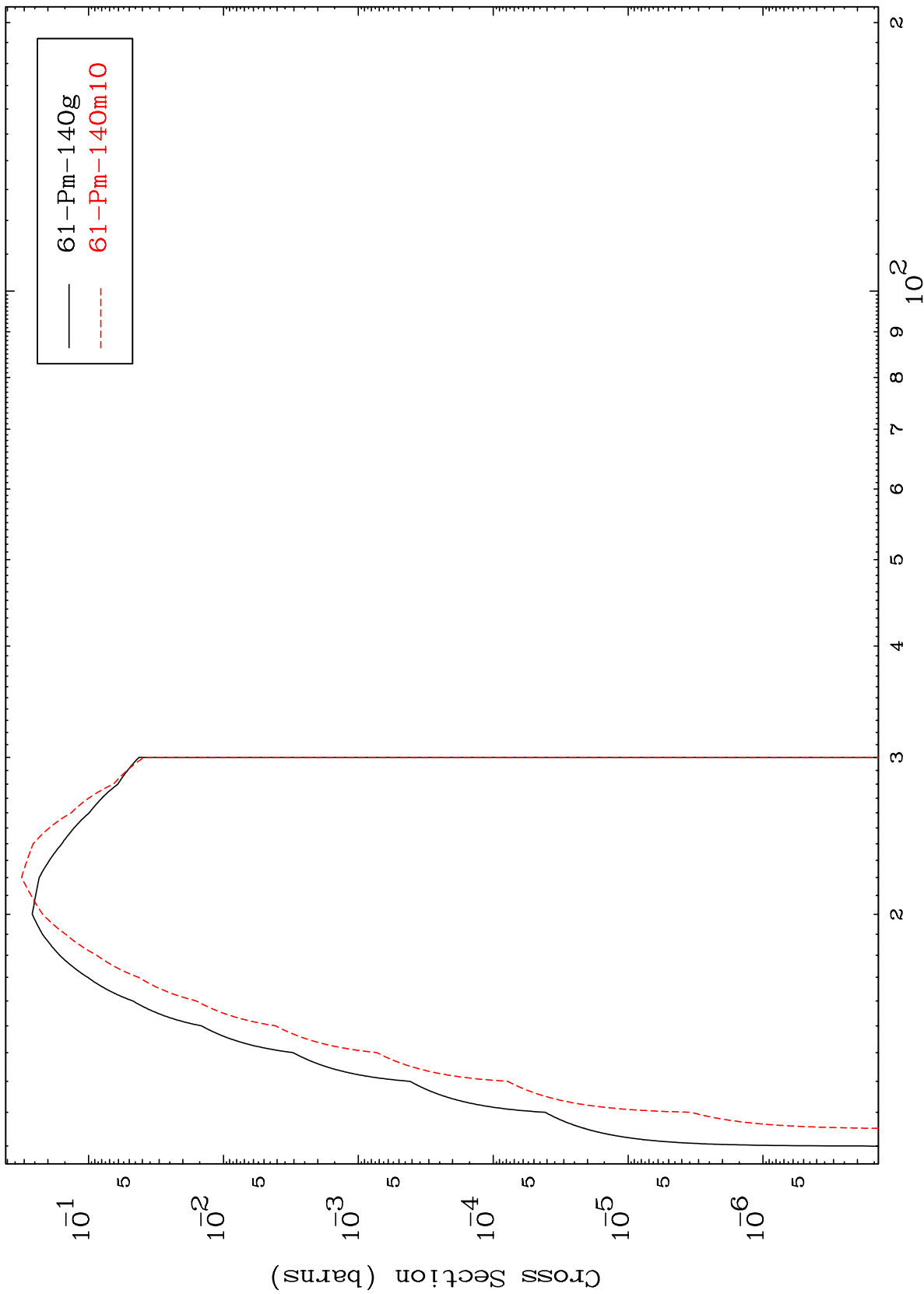
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

59-Pr-137

Inelastic
Radionuclide Production Cross Section

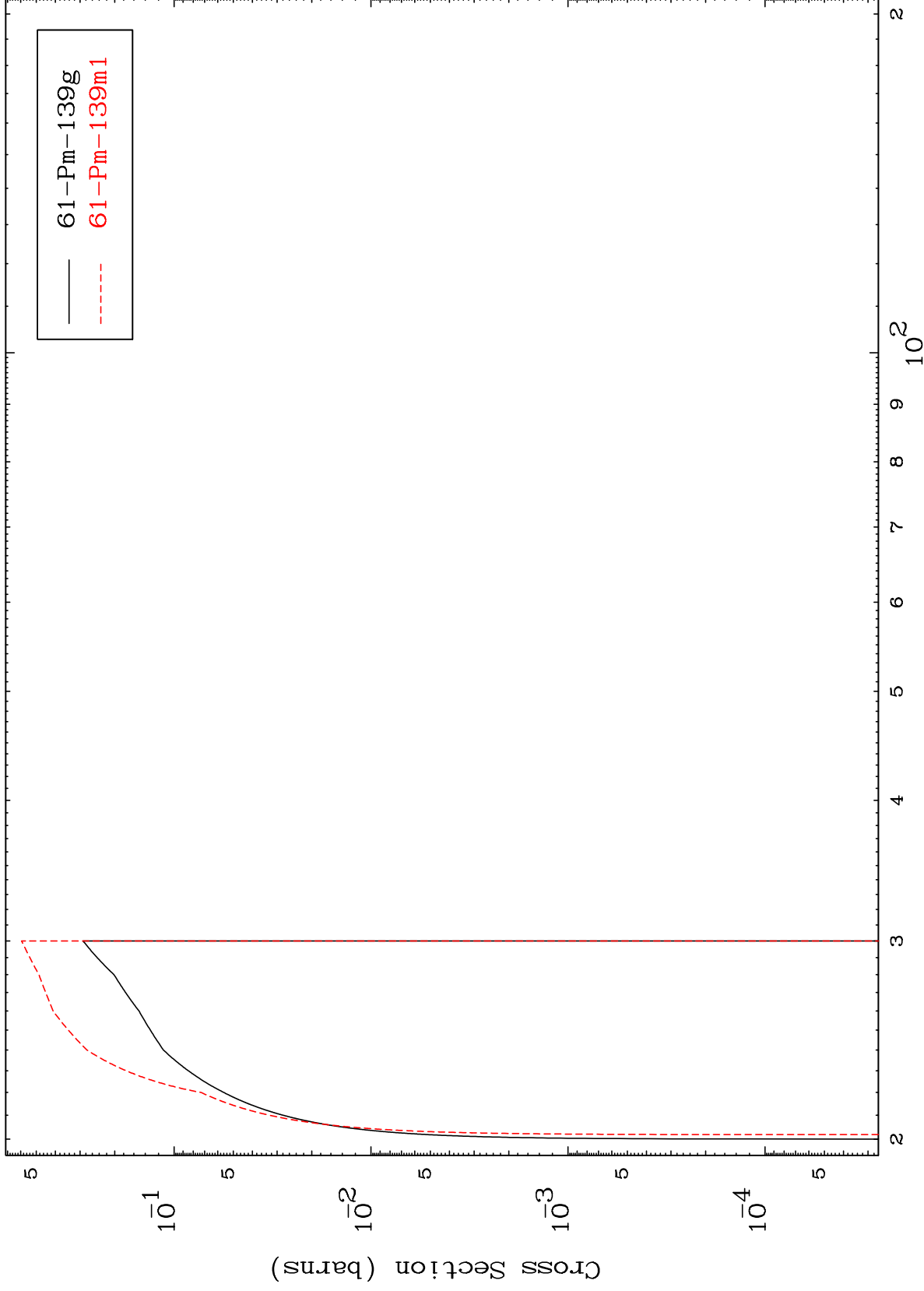


MAT 5913

(n,2n)

59-Pr-137

Radionuclide Production Cross Section

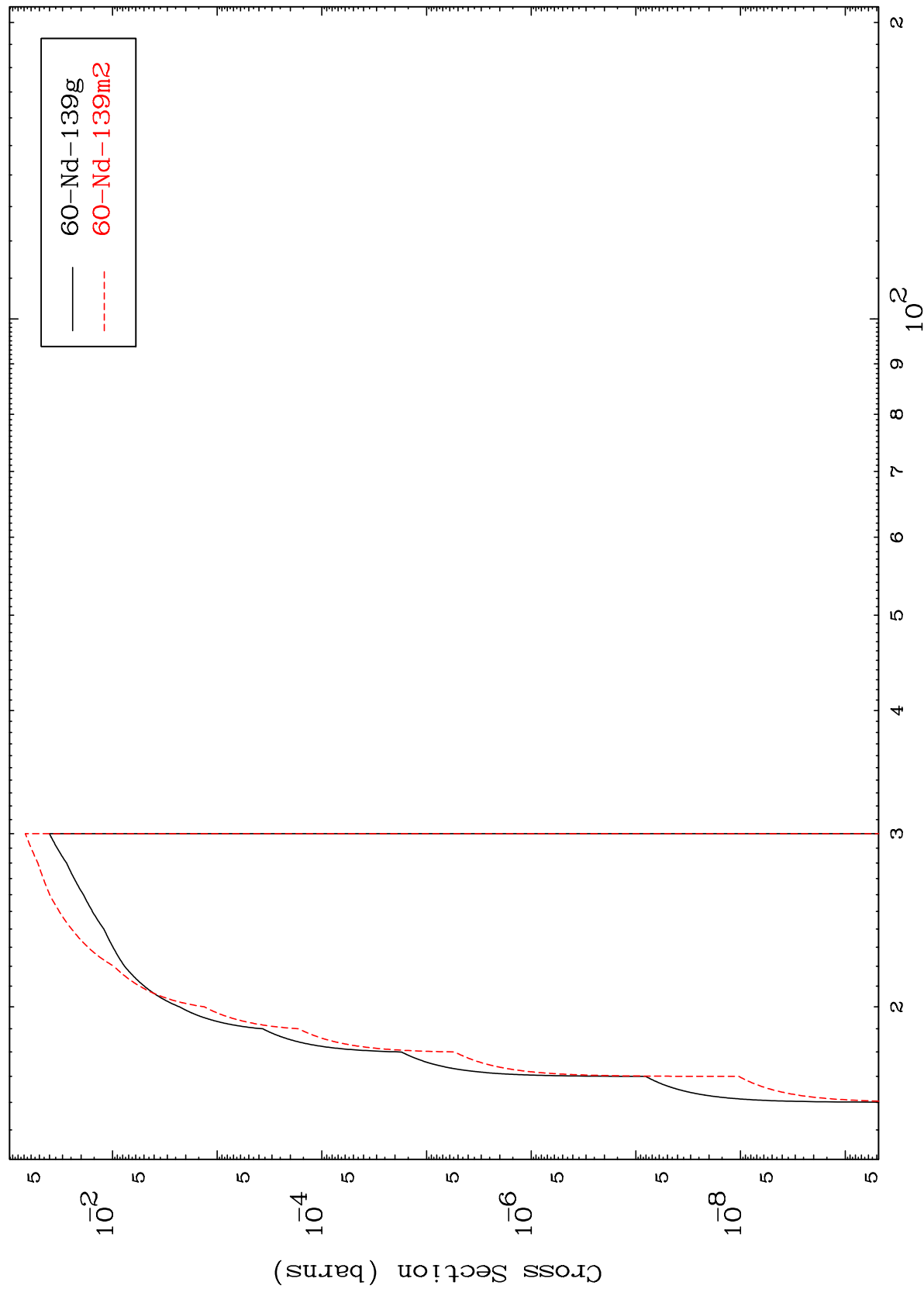


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Incident Energy (MeV)

59-Pr-137

Radionuclide Production Cross Section



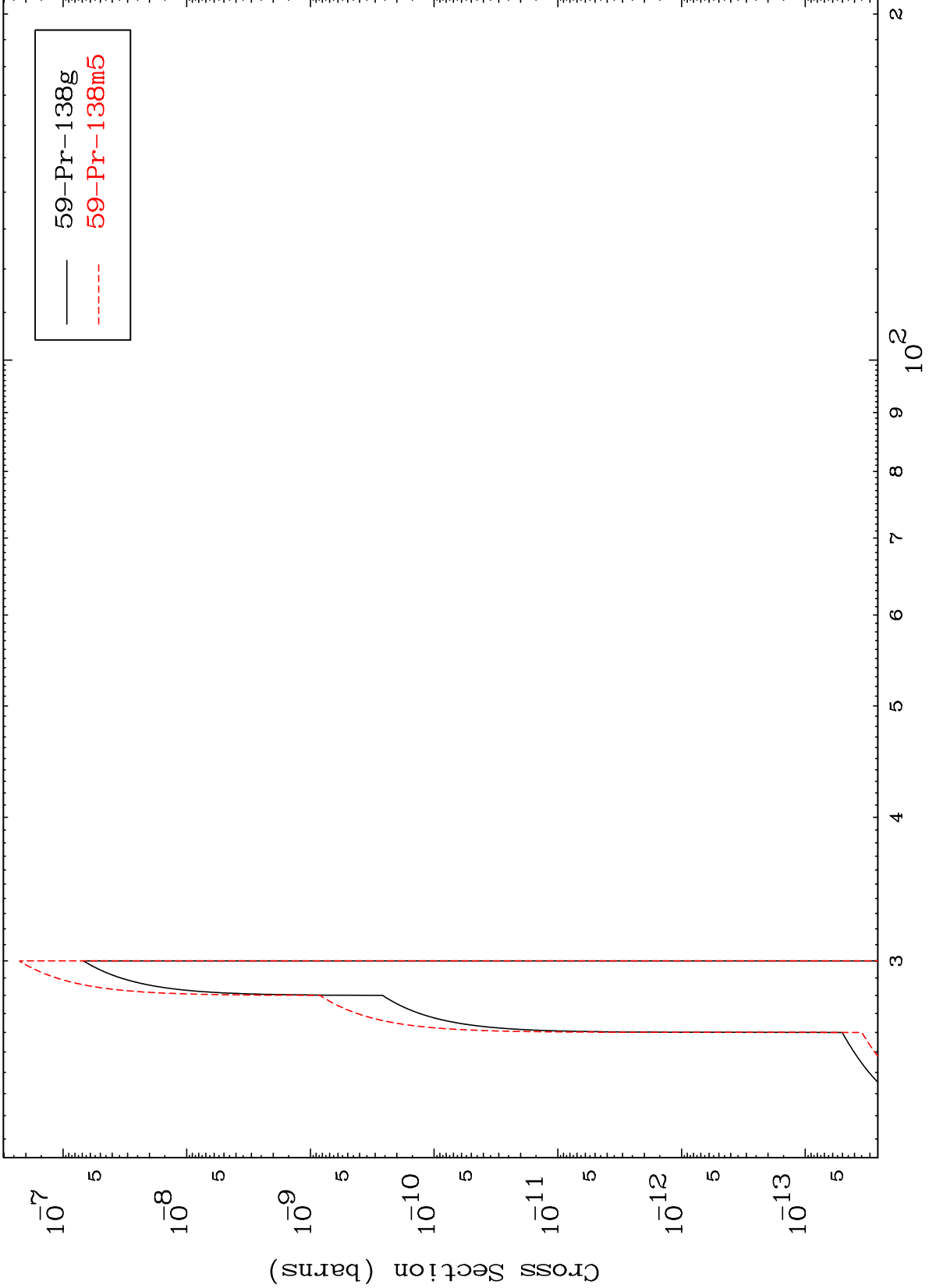
60-Nd-139g
60-Nd-139m2

MAT 5913

(n,2n) p

59-Pr-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

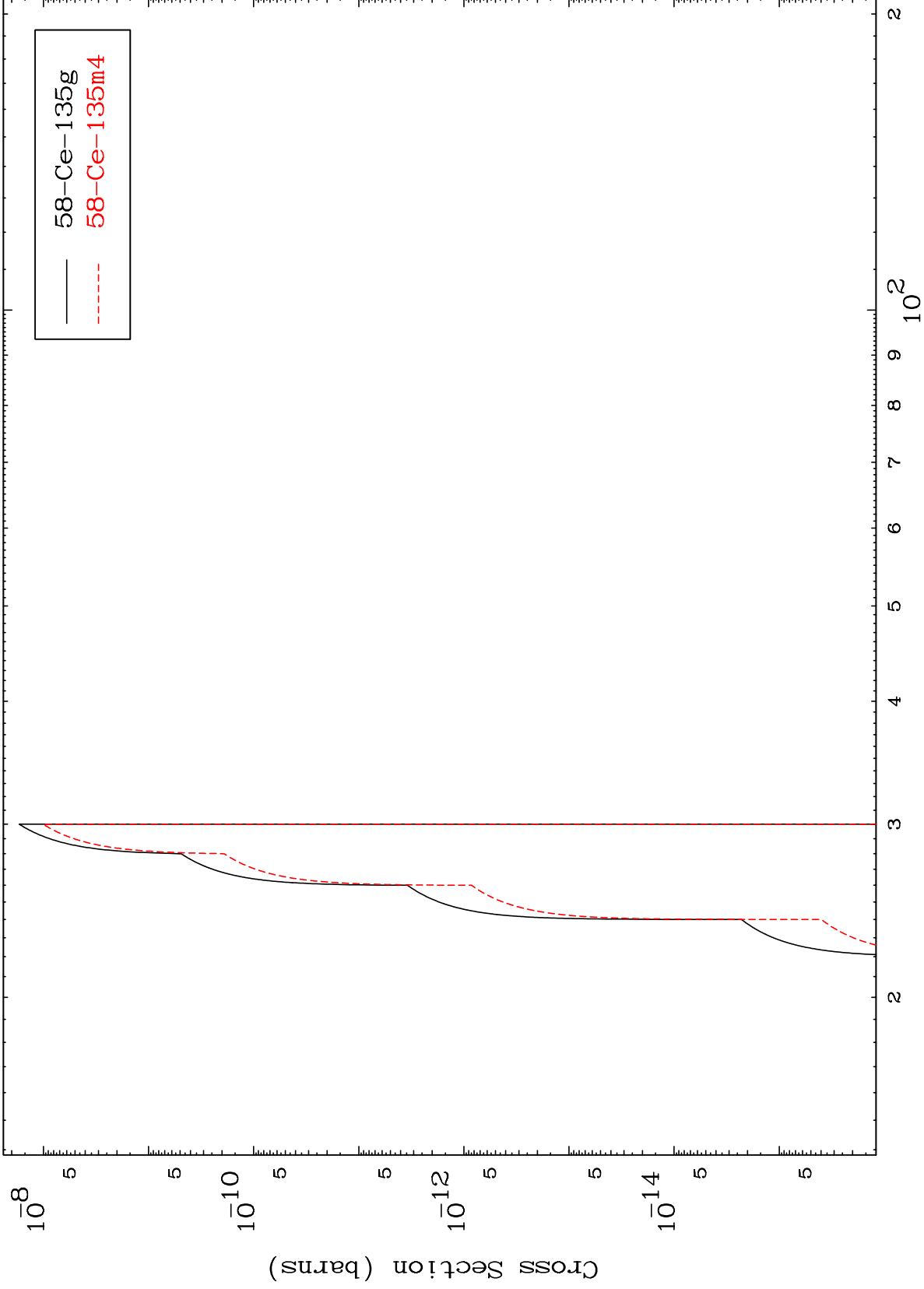
59-Pr-137

MAT 5913

(n,n') p α

59-Pr-137

Radionuclide Production Cross Section

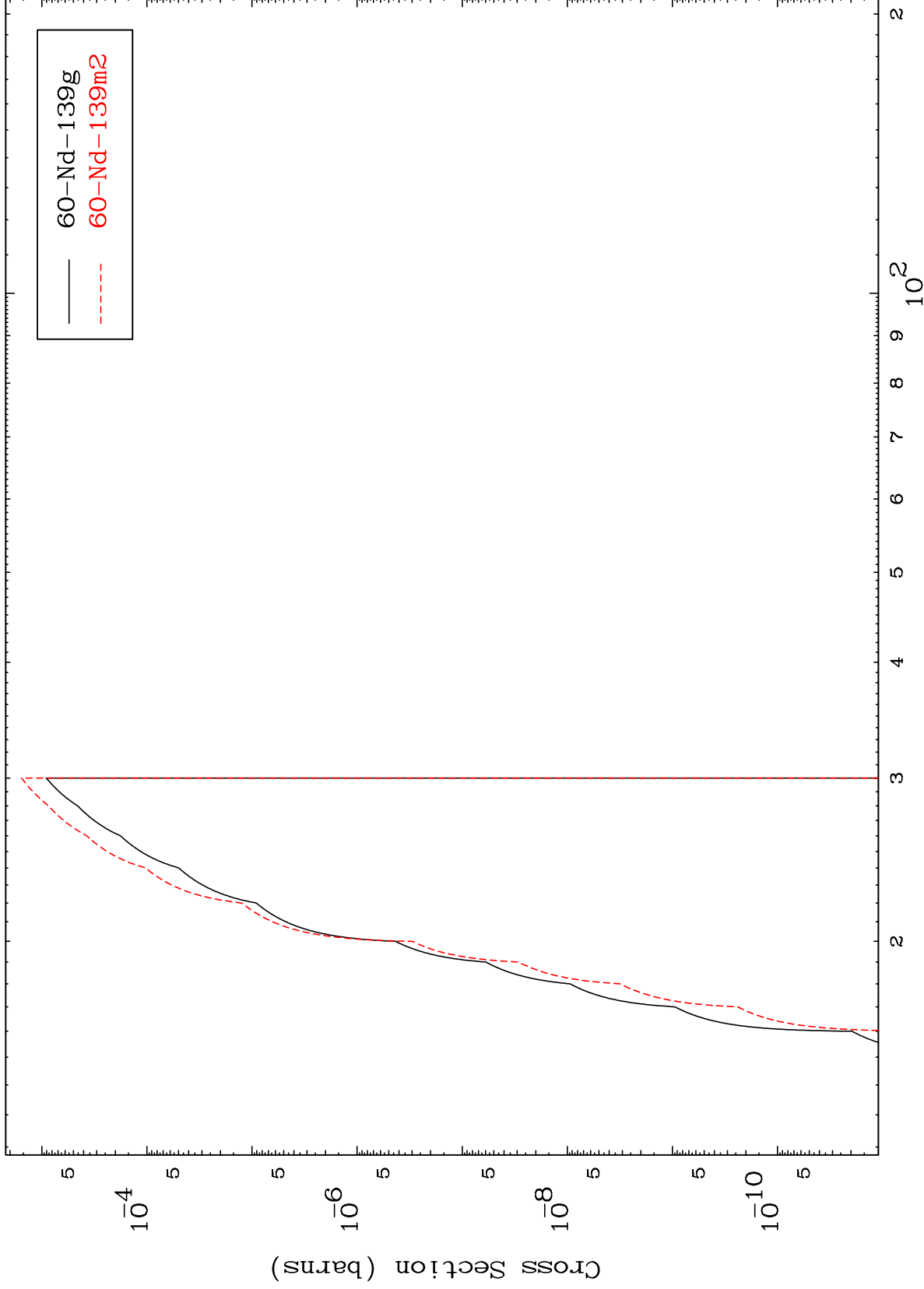


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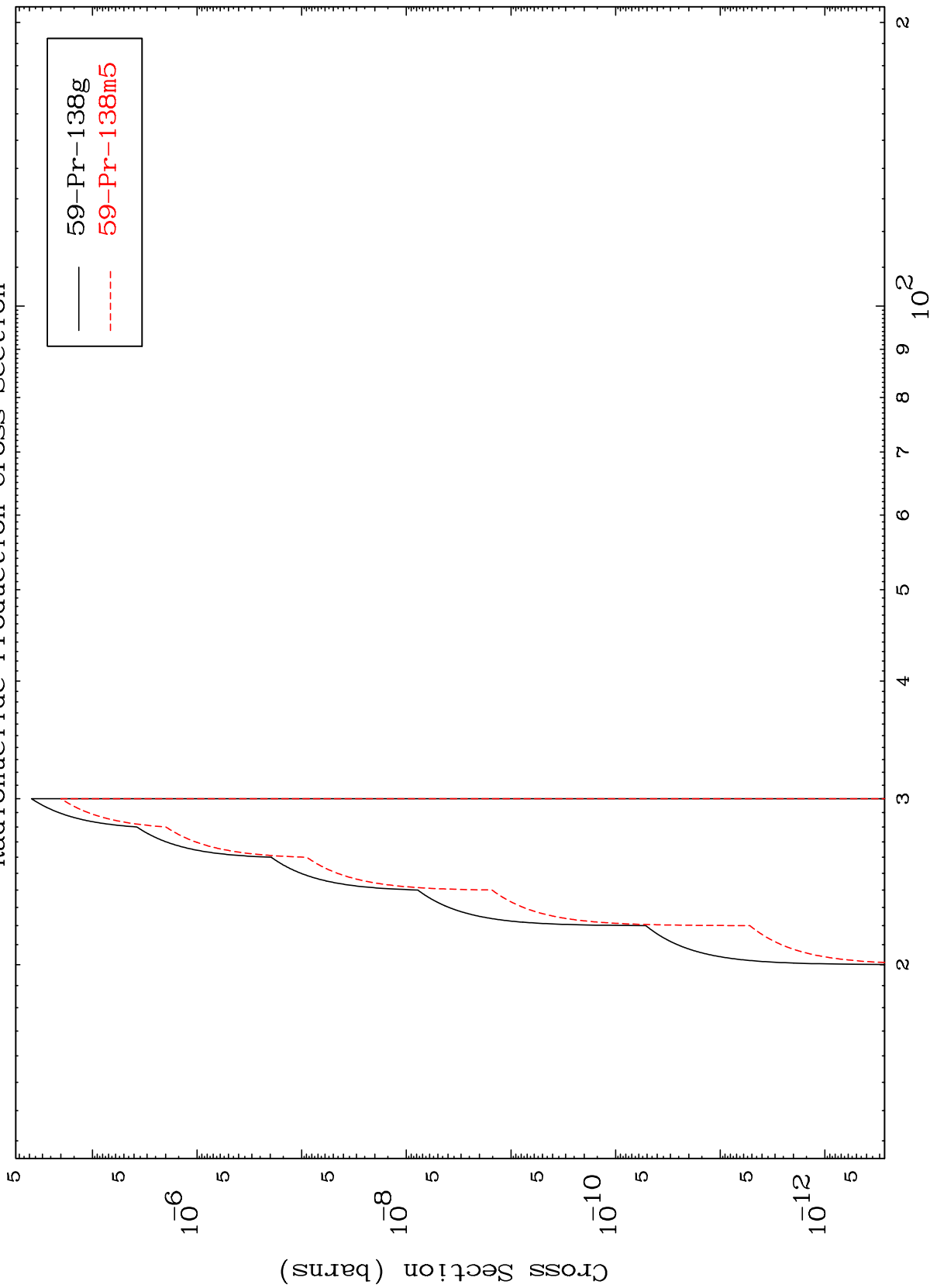
Incident Energy (MeV)

59-Pr-137

Radionuclide Production Cross Section



(n,He-3)
Radionuclide Production Cross Section

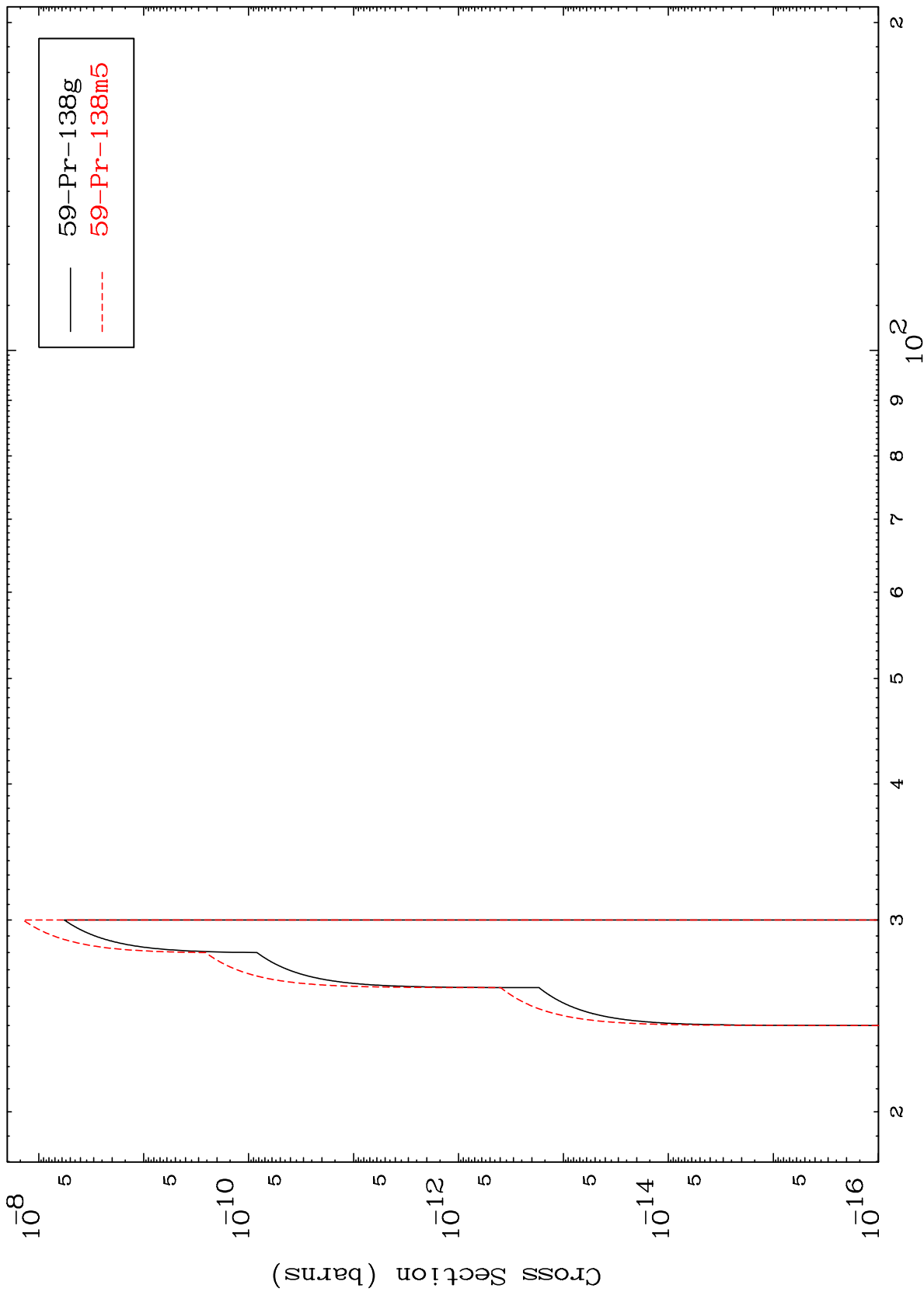


MAT 5913

(n,p) d

59-Pr-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

59-Pr-137