

Program EVALPLOT
(Version 2021-1)

by

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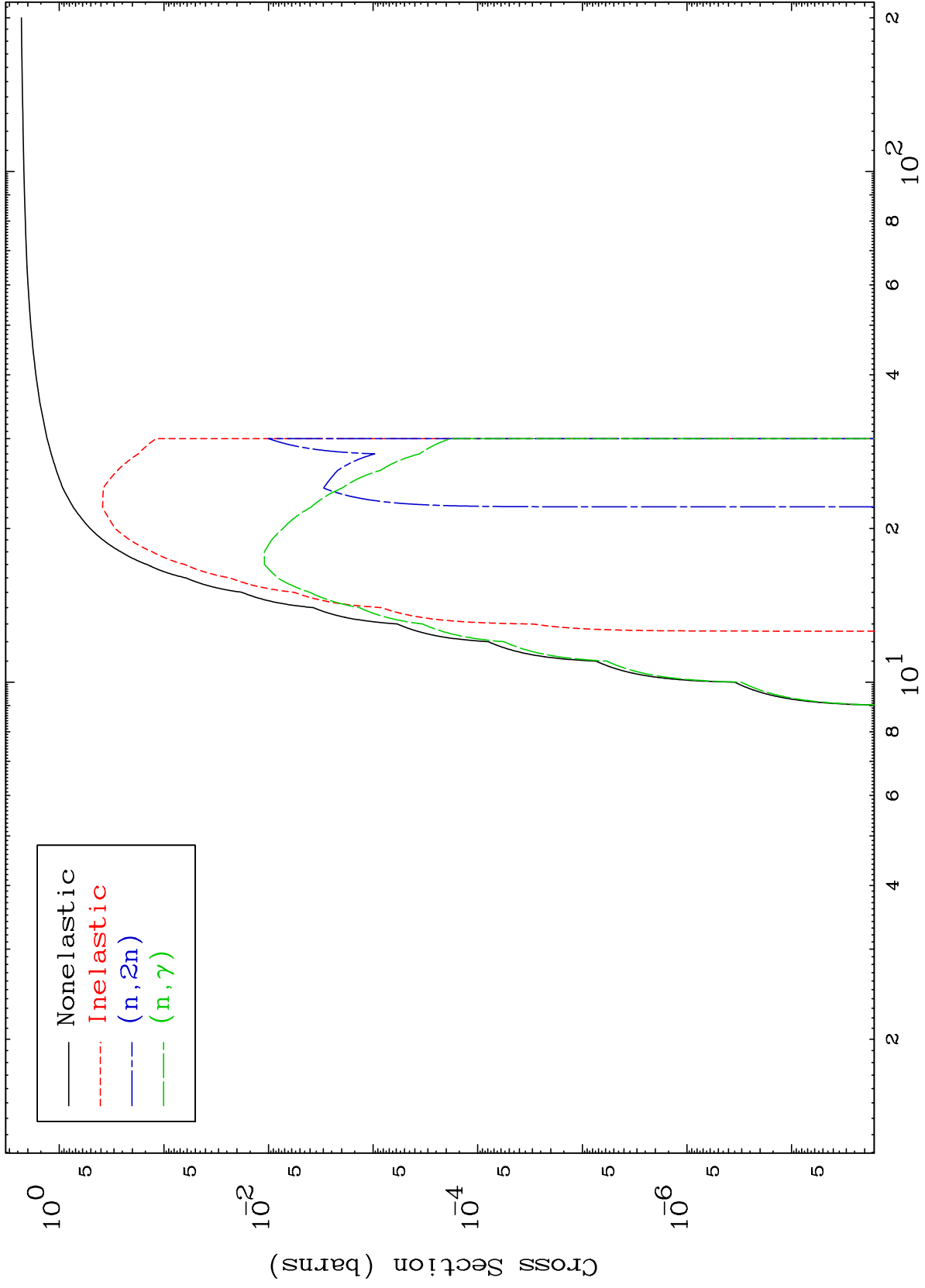
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5902

0 Kelvin Cross Sections

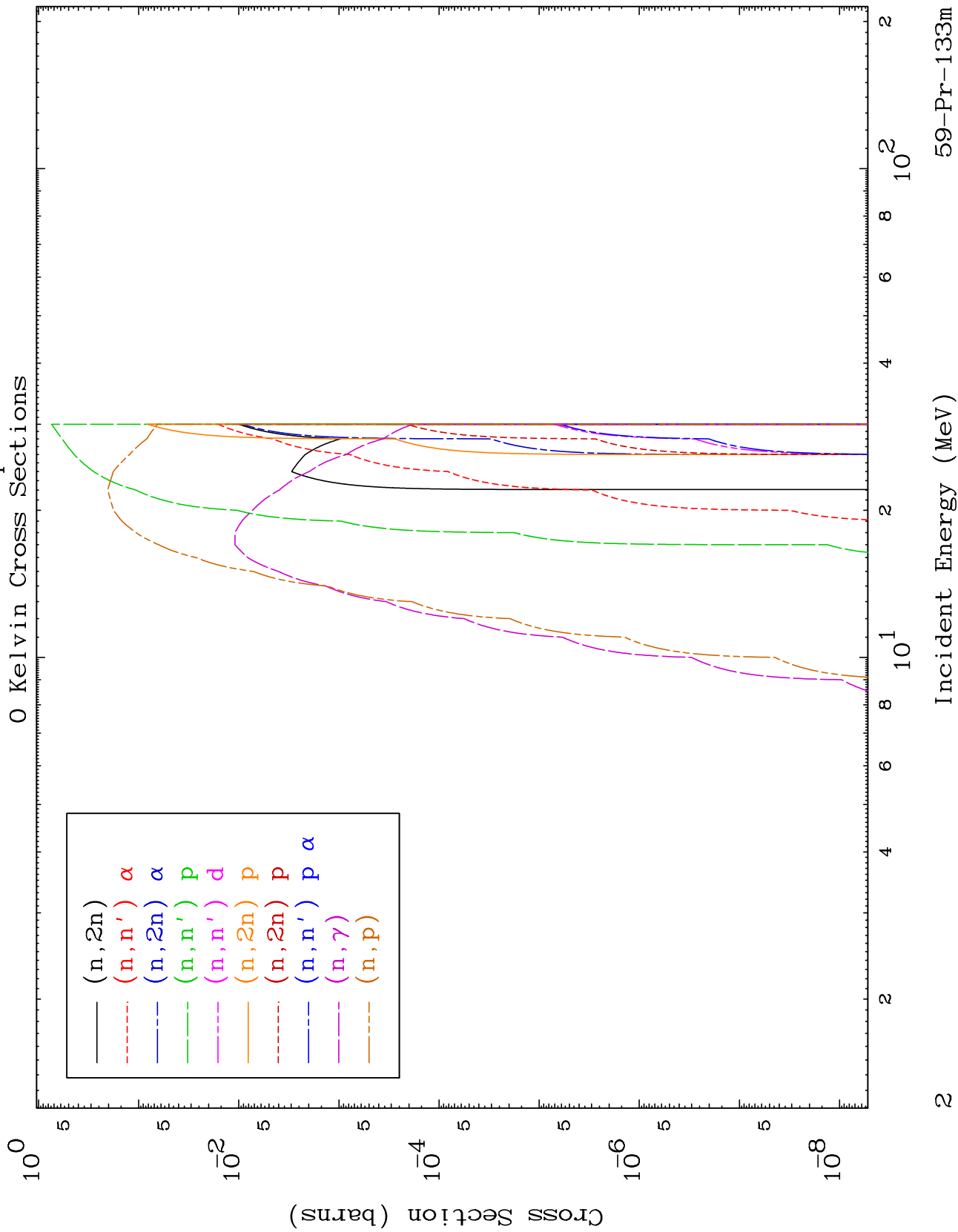
59-Pr-133m

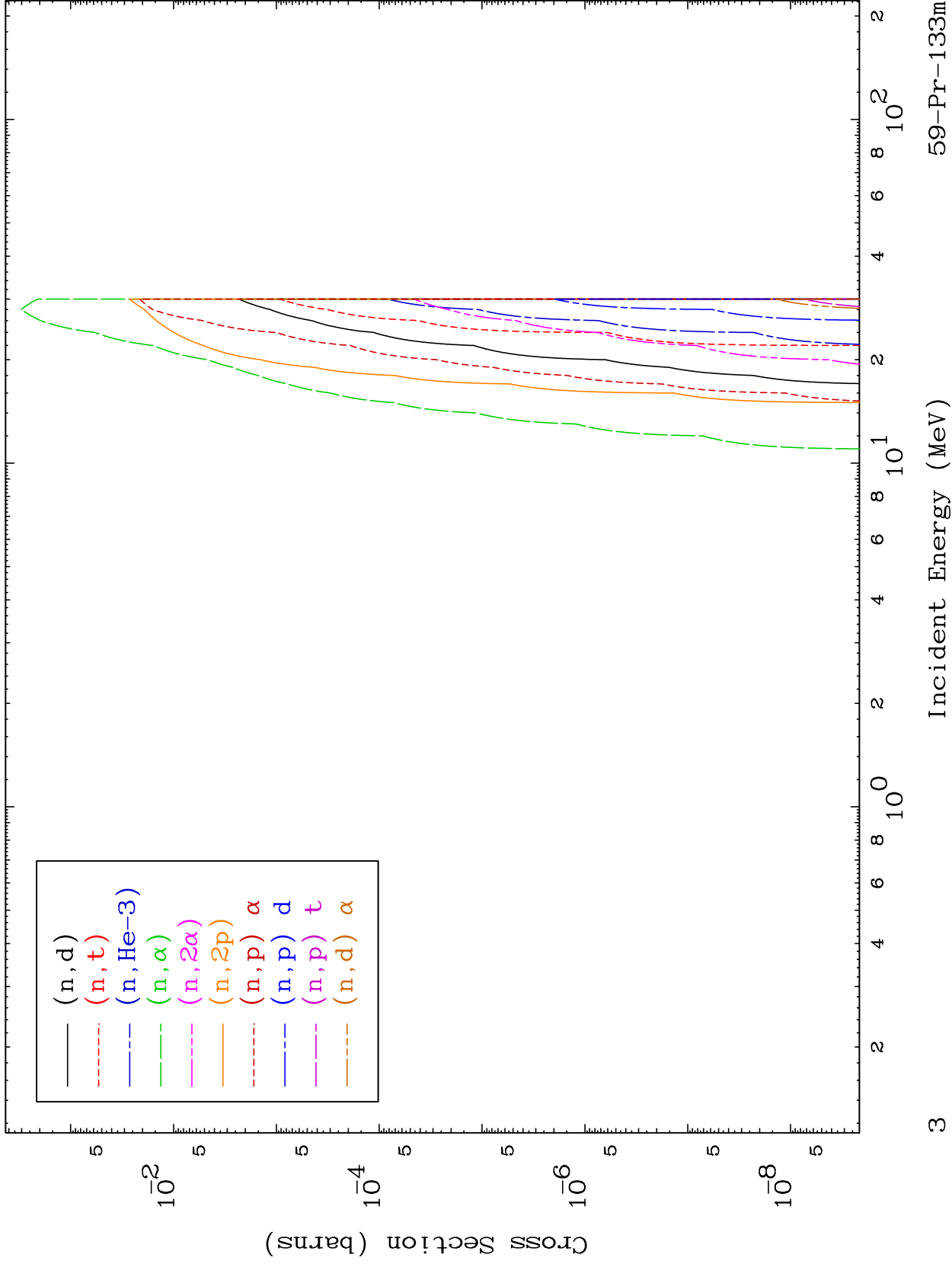


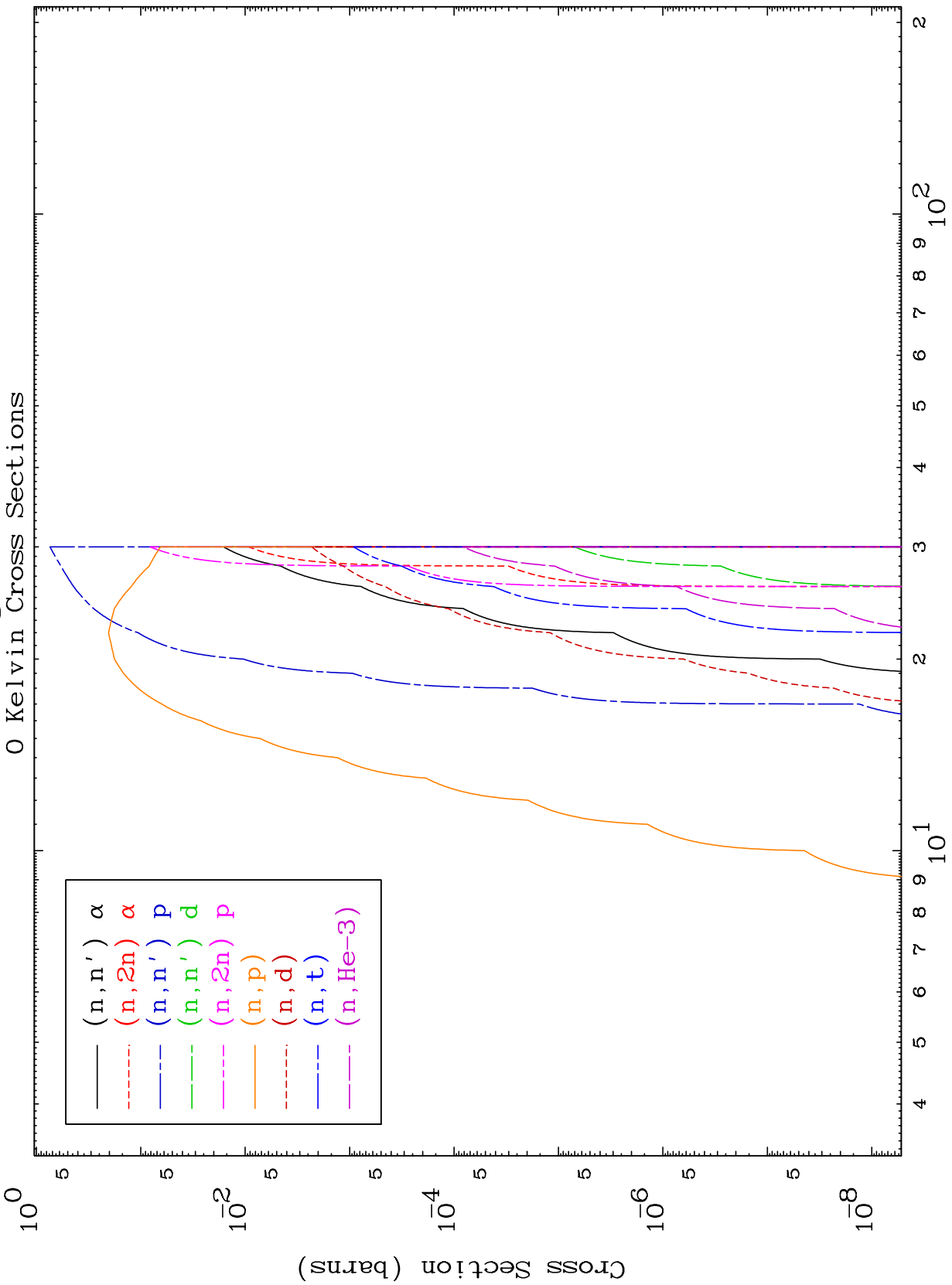
MAT 5902

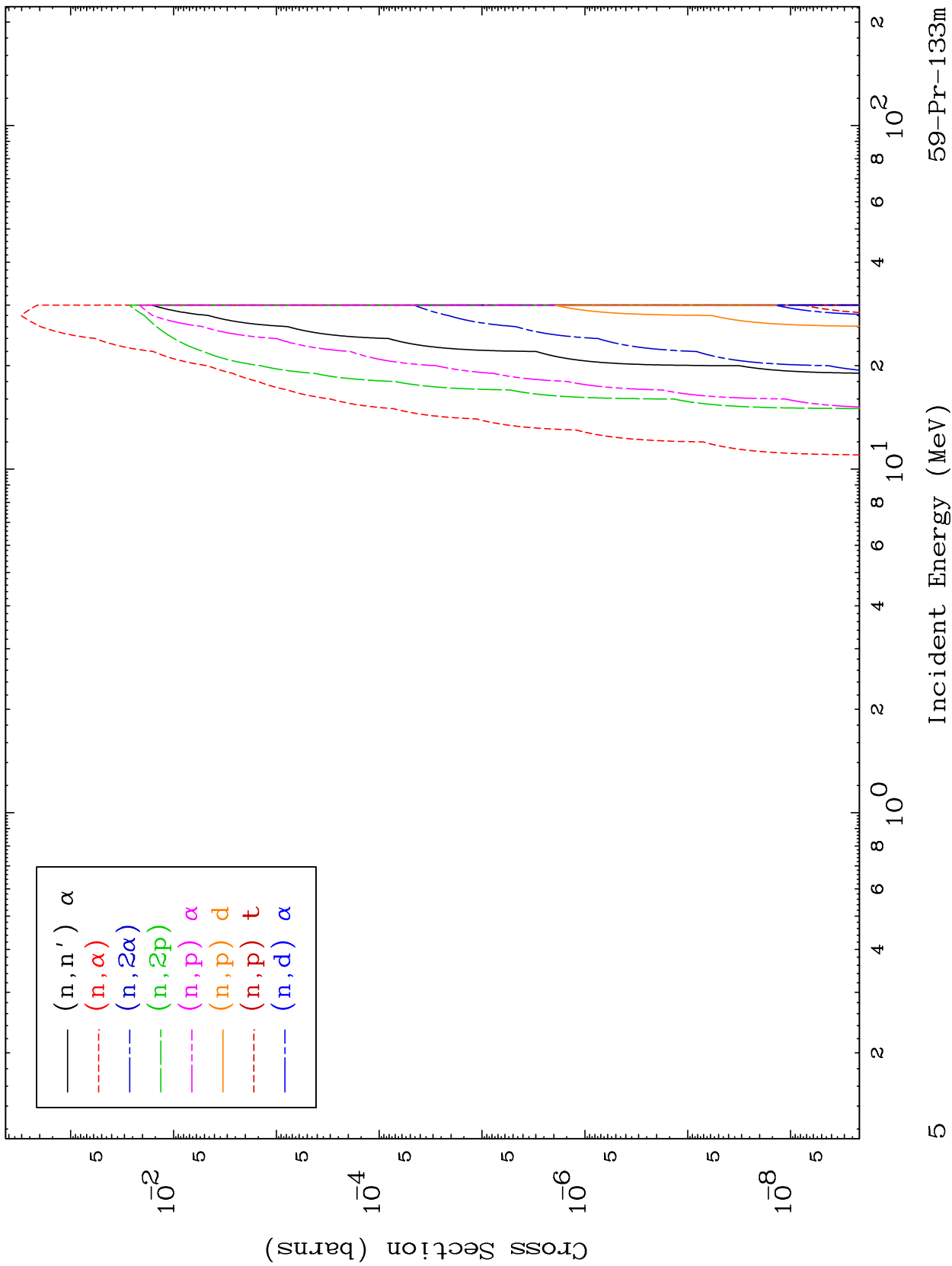
α Neutron Absorption
0 Kelvin Cross Sections

59-Pr-133m







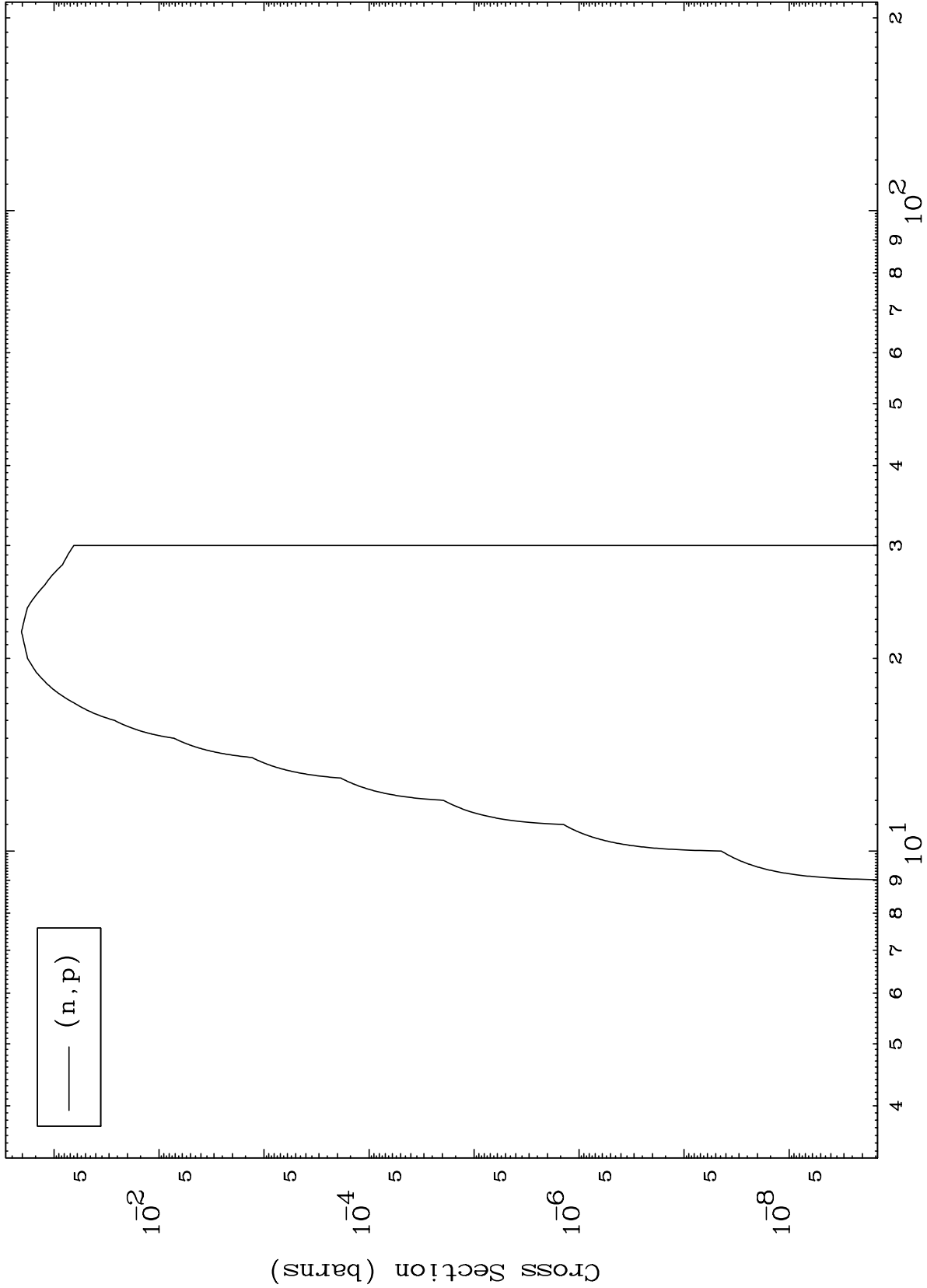


MAT 5902

(α, p) Levels

59-Pr-133m

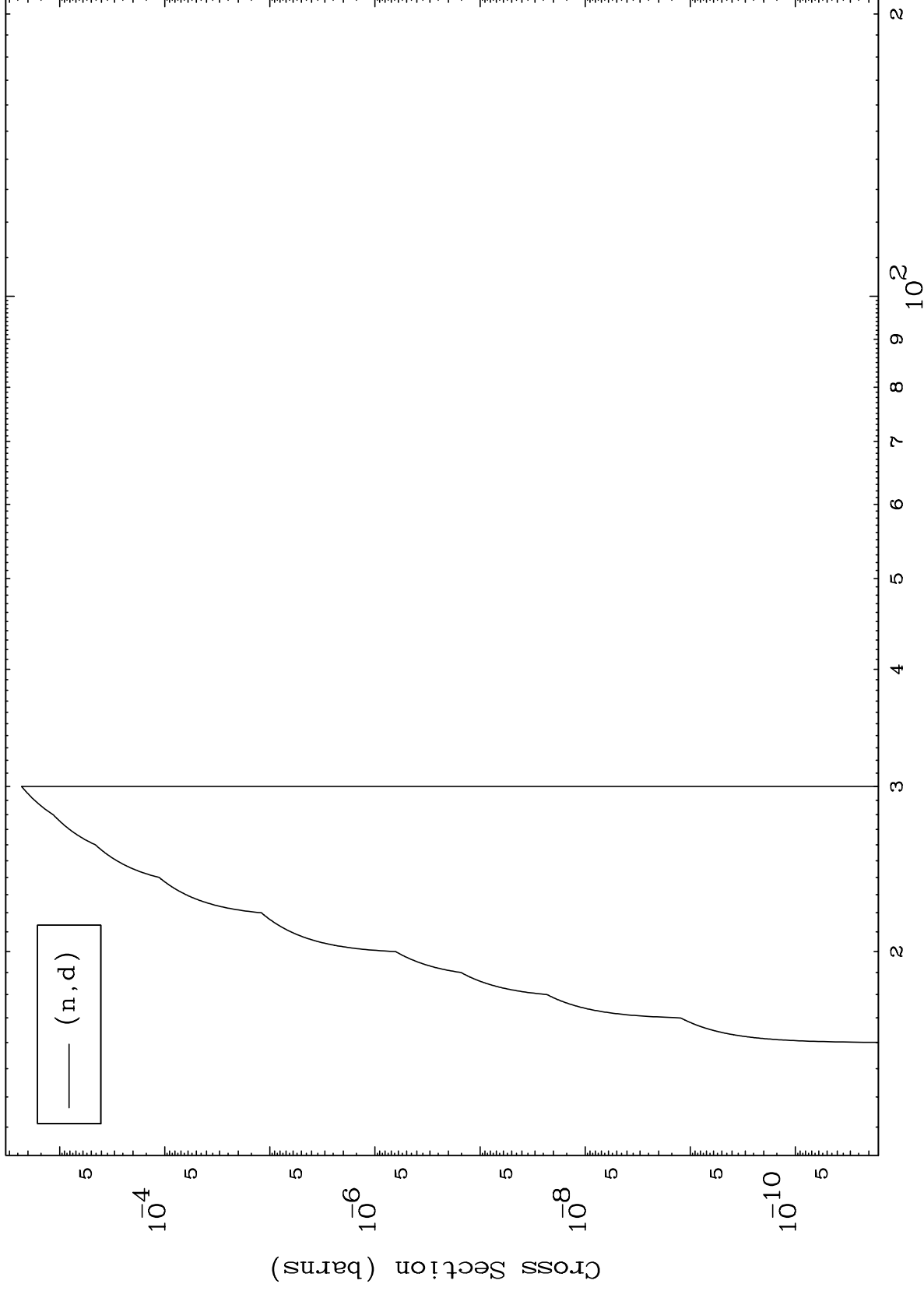
0 Kelvin Cross Sections



6

Incident Energy (MeV)

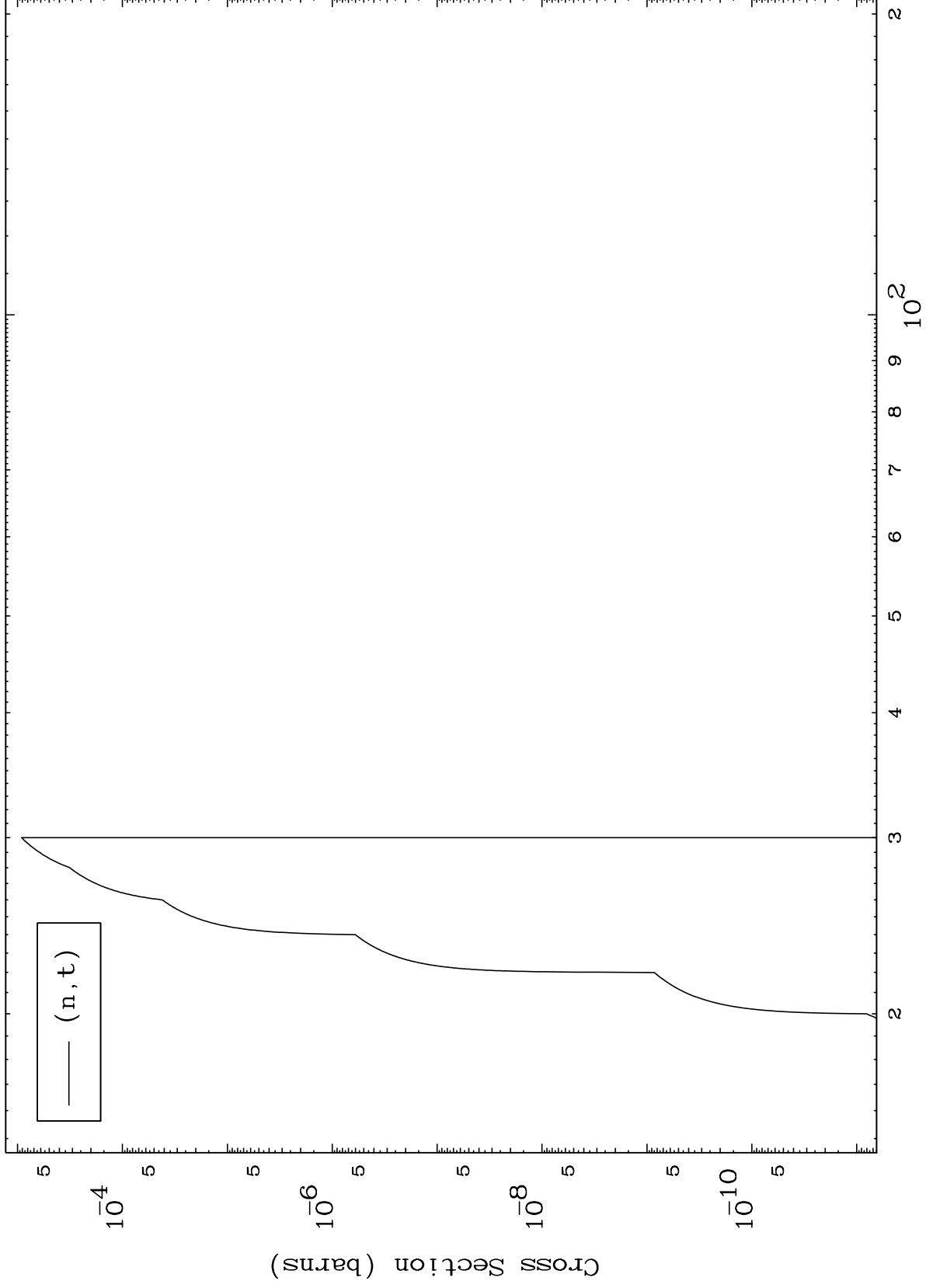
59-Pr-133m



MAT 5902

(α, t) Levels
0 Kelvin Cross Sections

59-Pr-133m



8

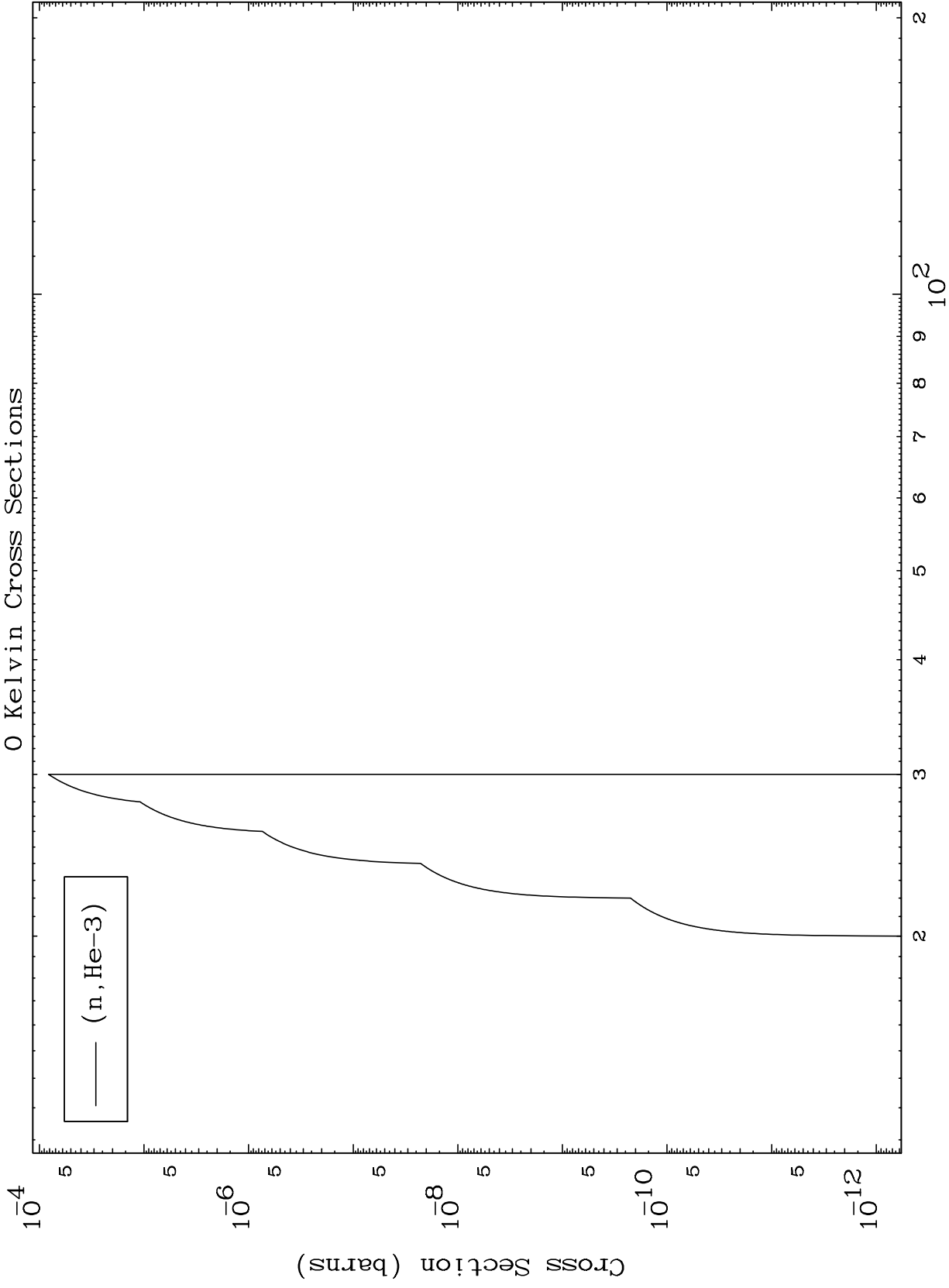
Incident Energy (MeV)

59-Pr-133m

MAT 5902

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

59-Pr-133m

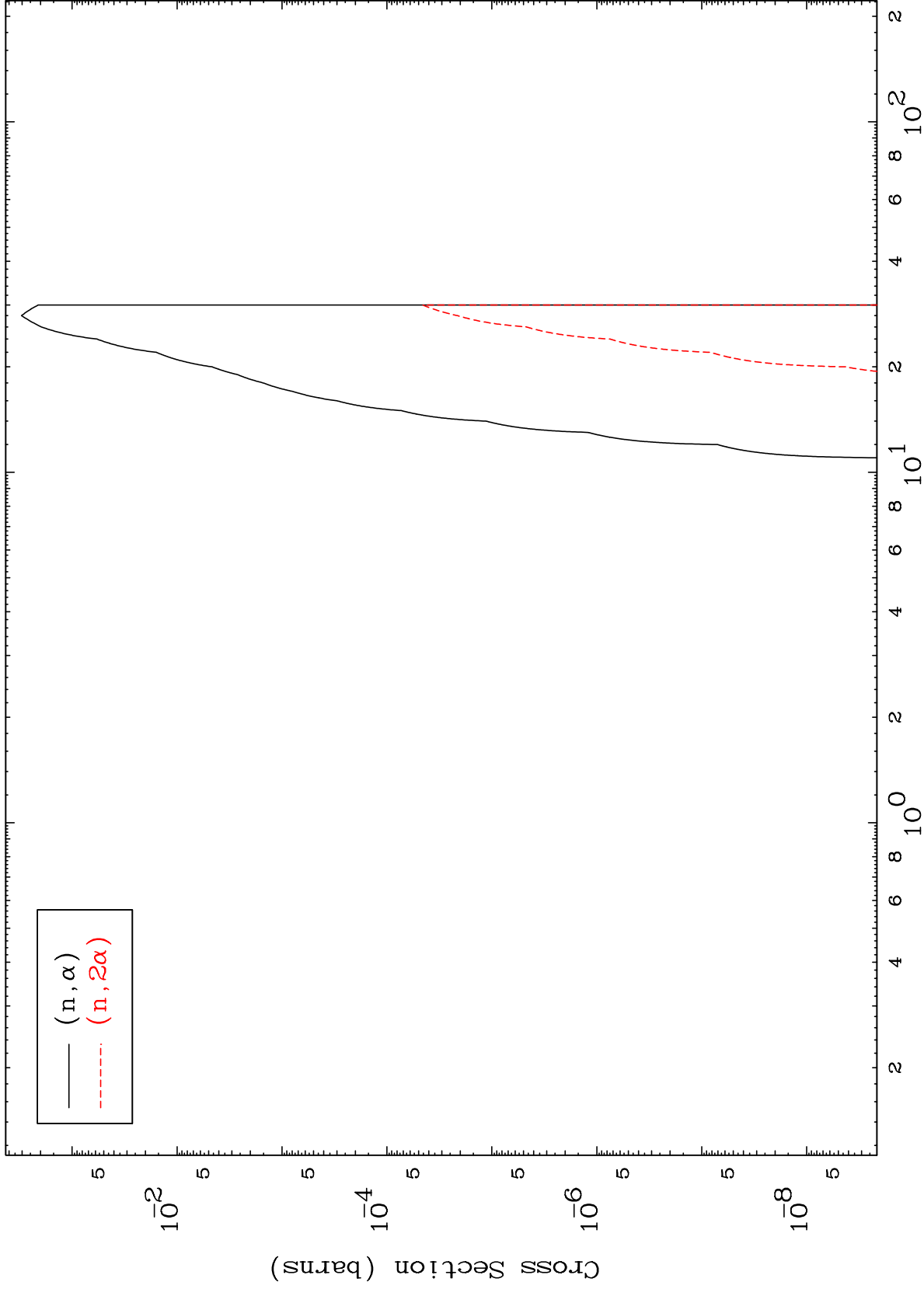


MAT 5902

(α, α) Levels

59-Pr-133m

0 Kelvin Cross Sections



10

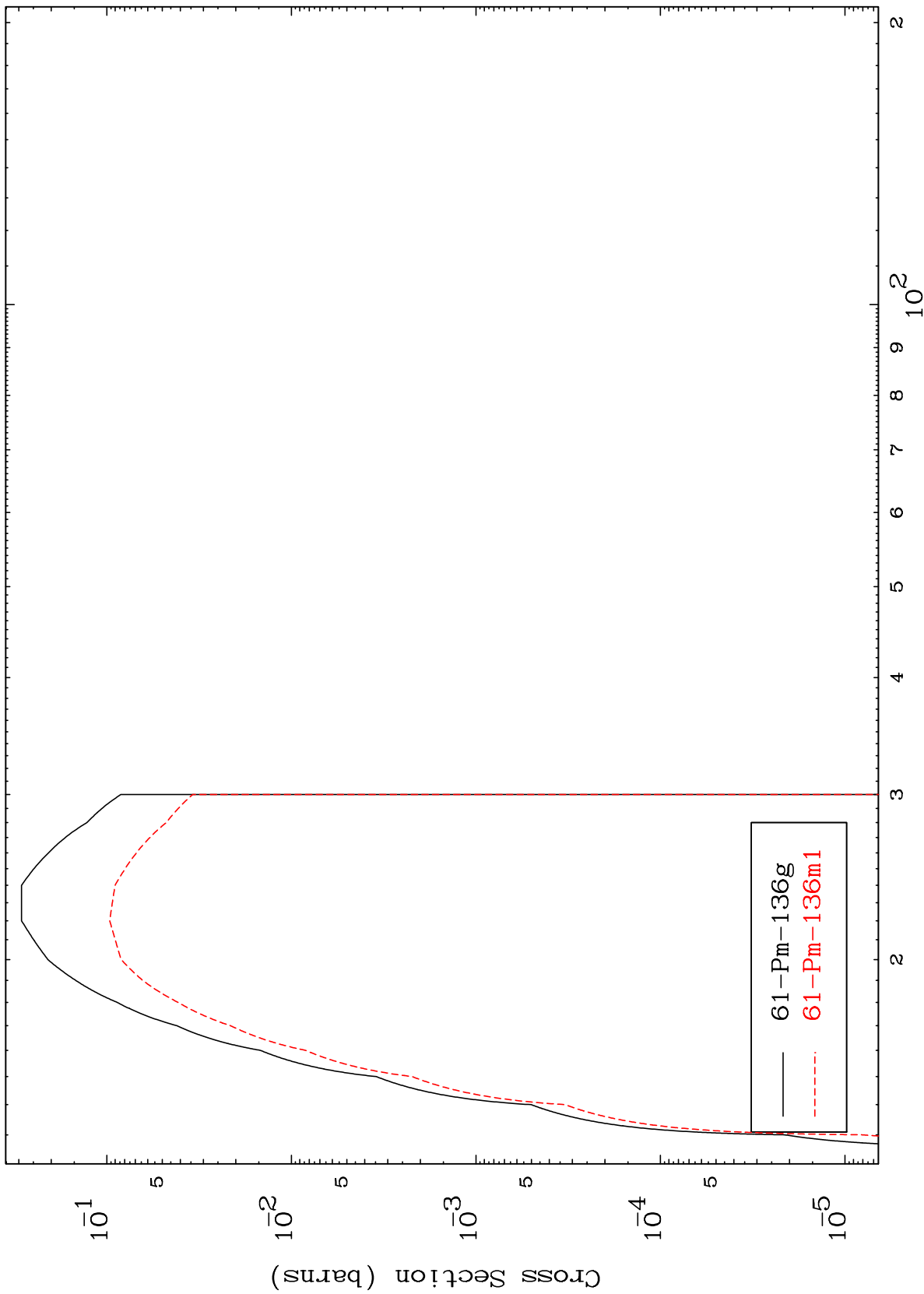
Incident Energy (MeV)

59-Pr-133m

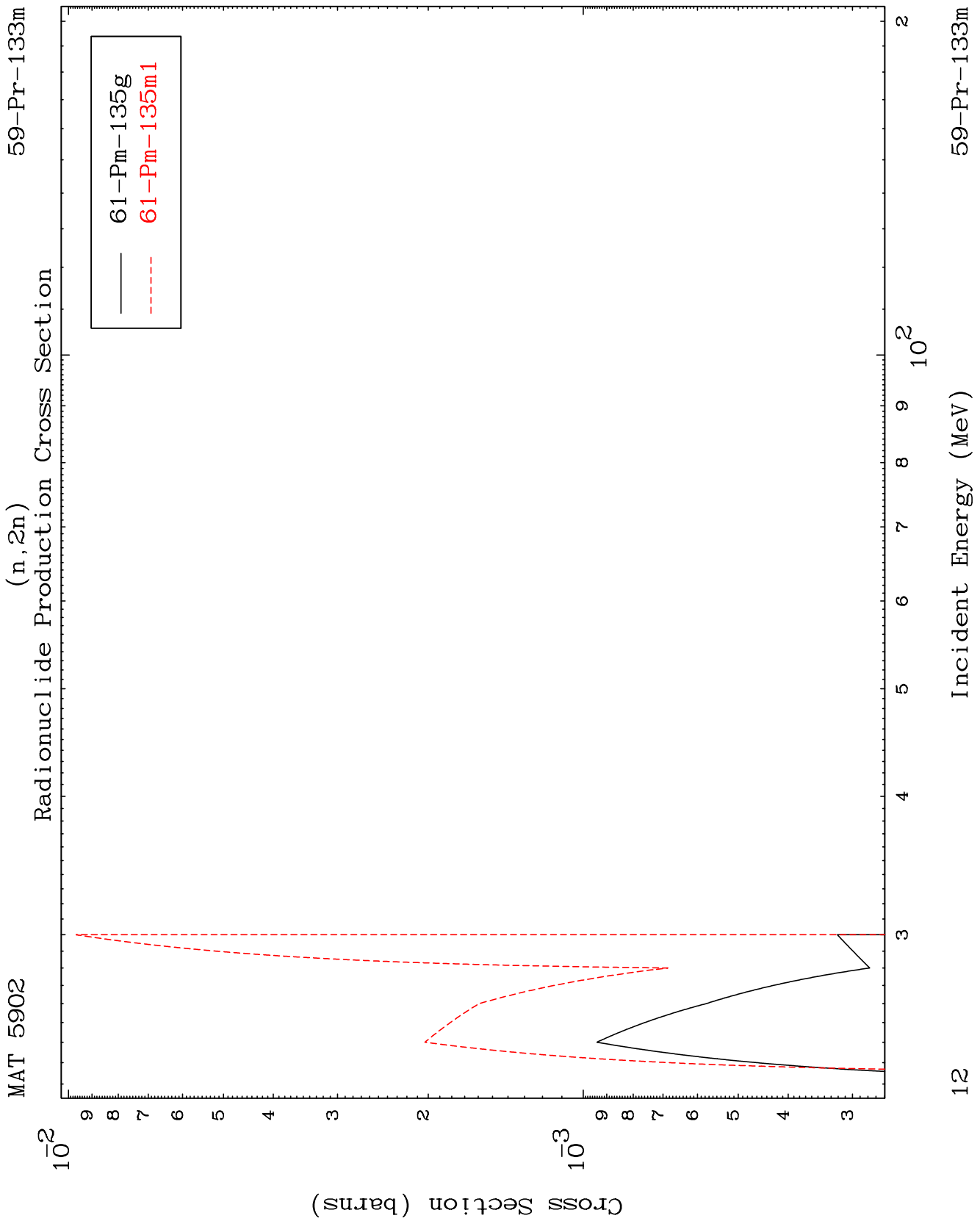
MAT 5902

Inelastic
Radionuclide Production Cross Section

59-Pr-133m



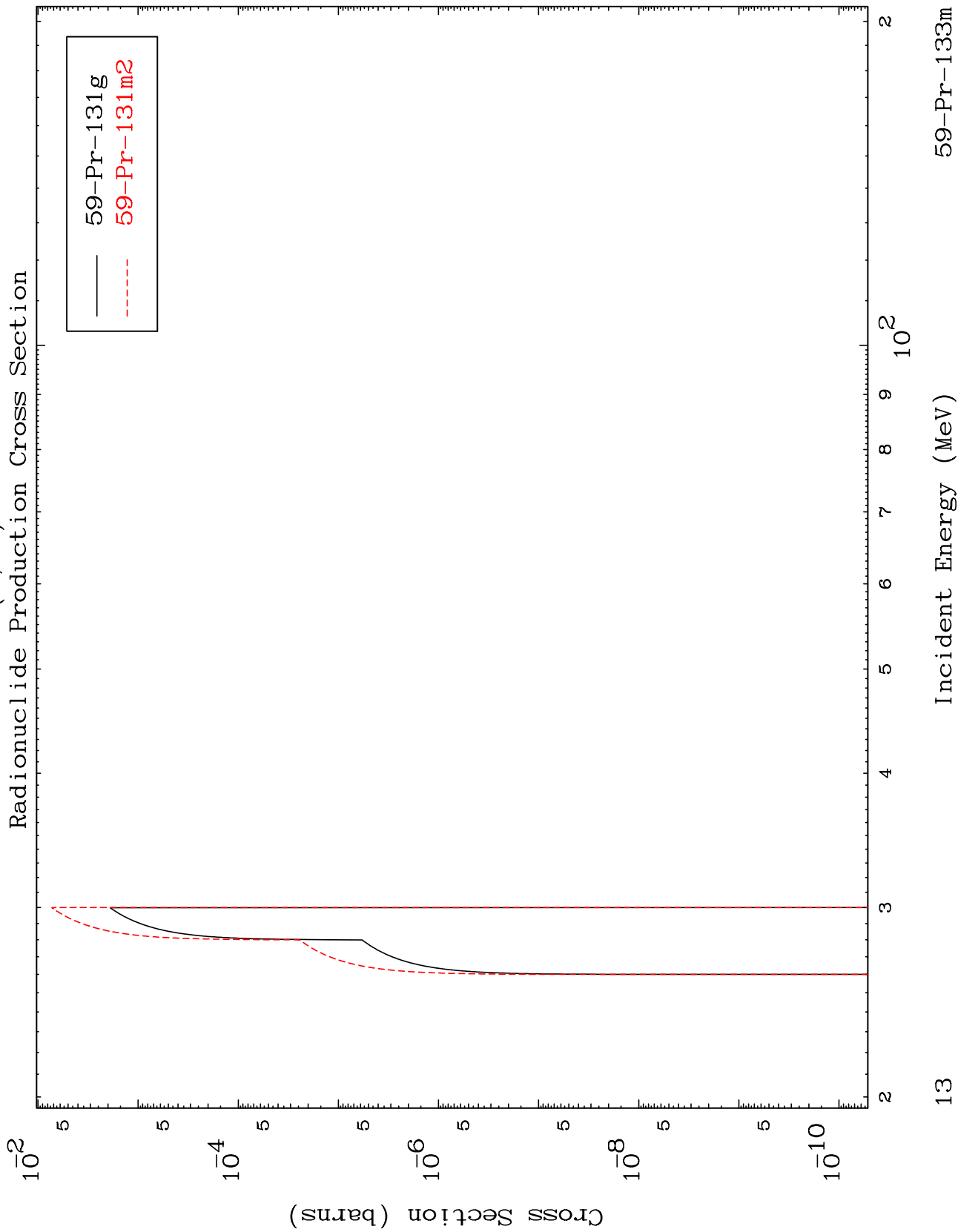
59-Pr-133m



MAT 5902

$(n,2n) \alpha$

59-Pr-133m



13

Incident Energy (MeV)

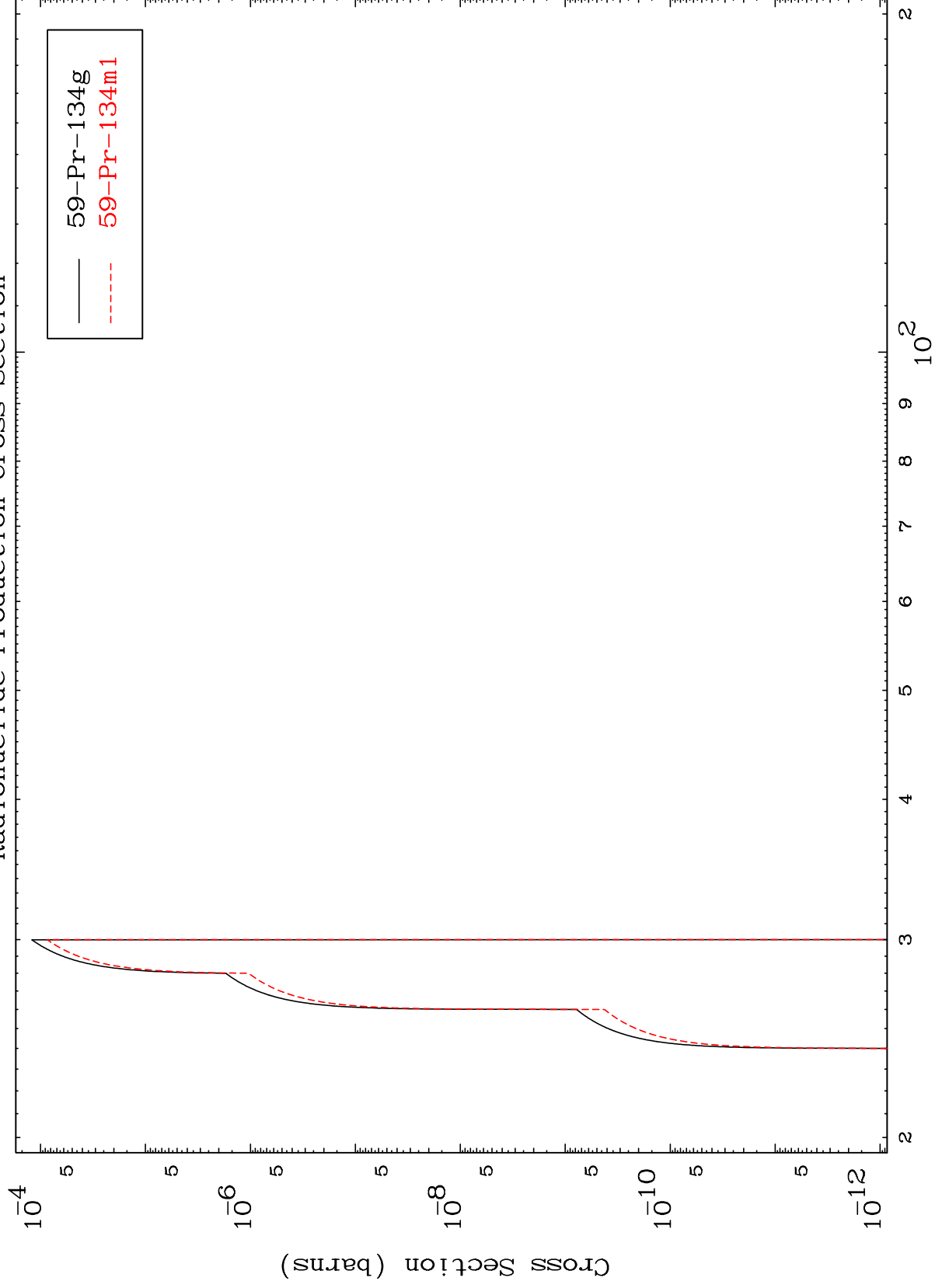
59-Pr-133m

MAT 5902

(n,2n) p

59-Pr-133m

Radionuclide Production Cross Section



14

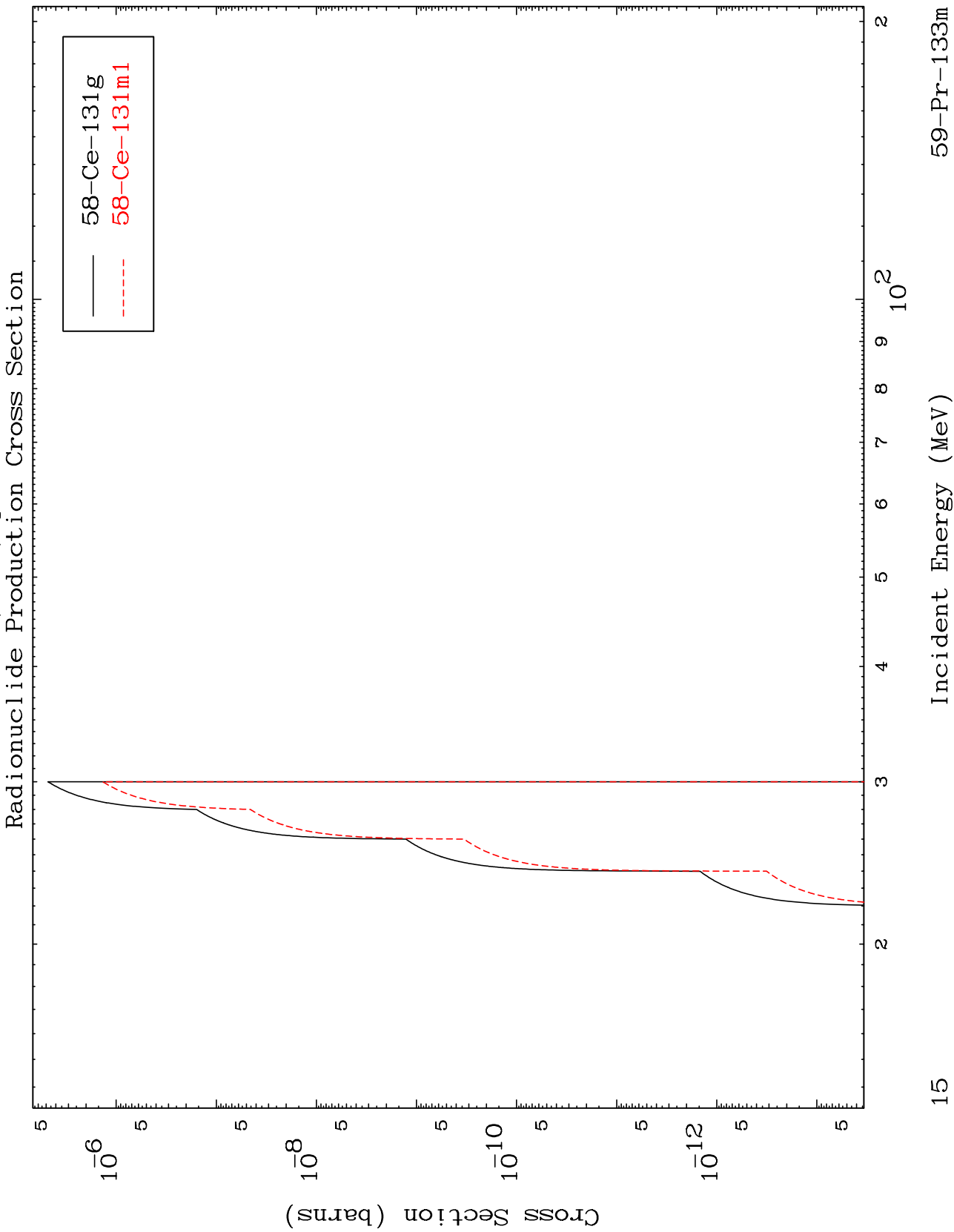
Incident Energy (MeV)

59-Pr-133m

MAT 5902

(n,n') p α

59-Pr-133m



15

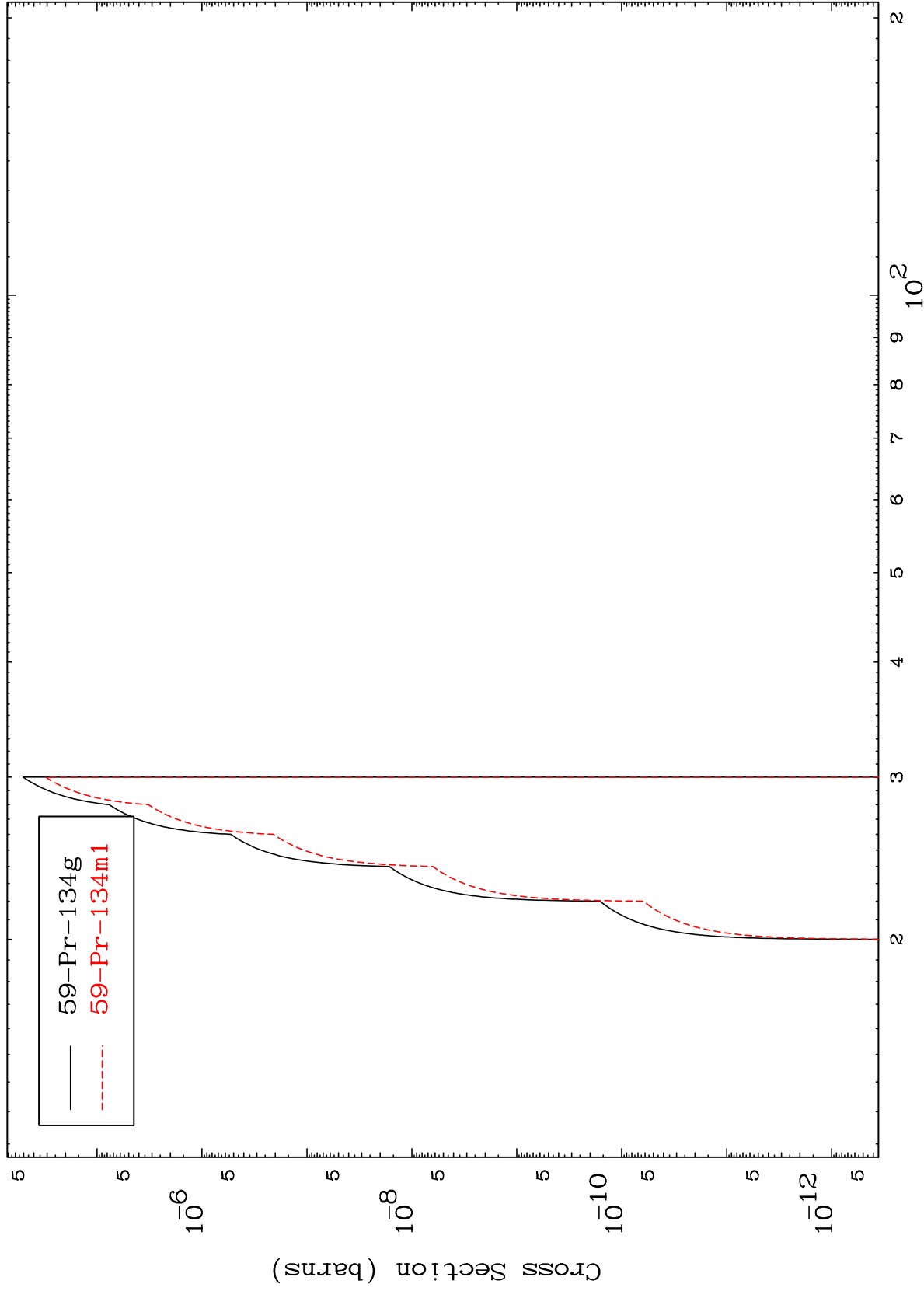
59-Pr-133m

MAT 5902

(n,He-3)

59-Pr-133m

Radionuclide Production Cross Section



16

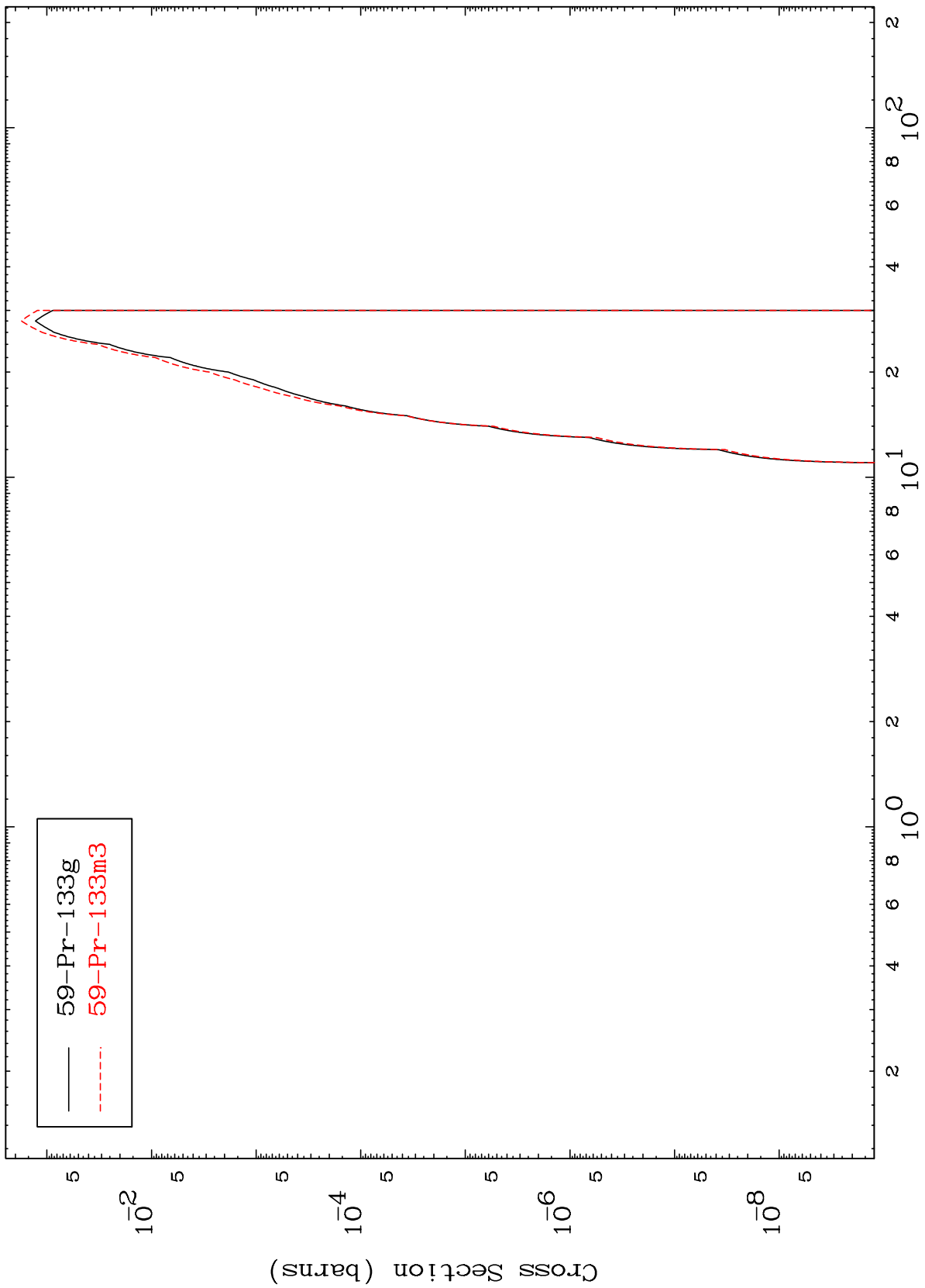
Incident Energy (MeV)

59-Pr-133m

MAT 5902

59-Pr-133m

Radionuclide Production Cross Section

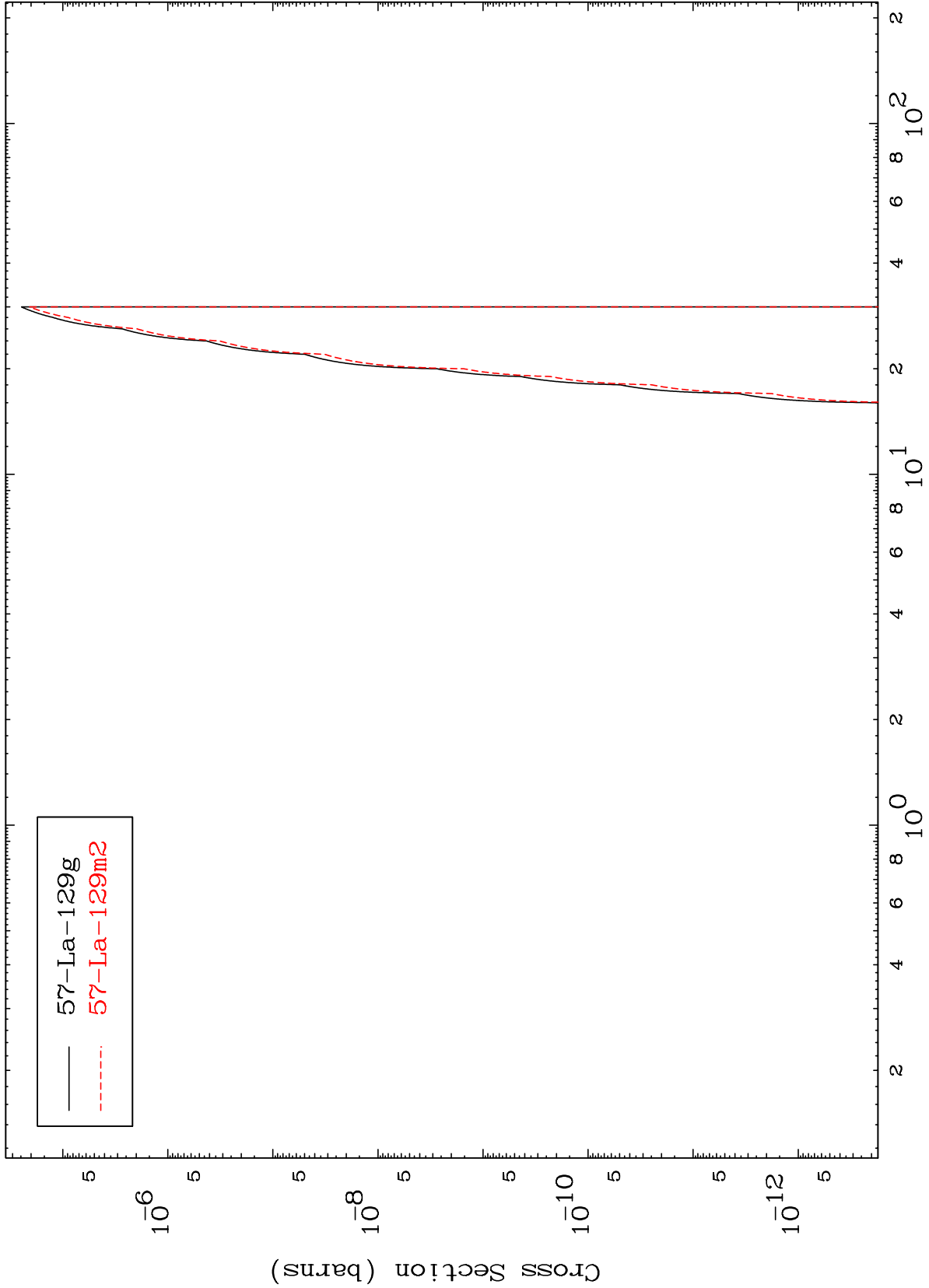


MAT 5902

(n,2α)

59-Pr-133m

Radionuclide Production Cross Section



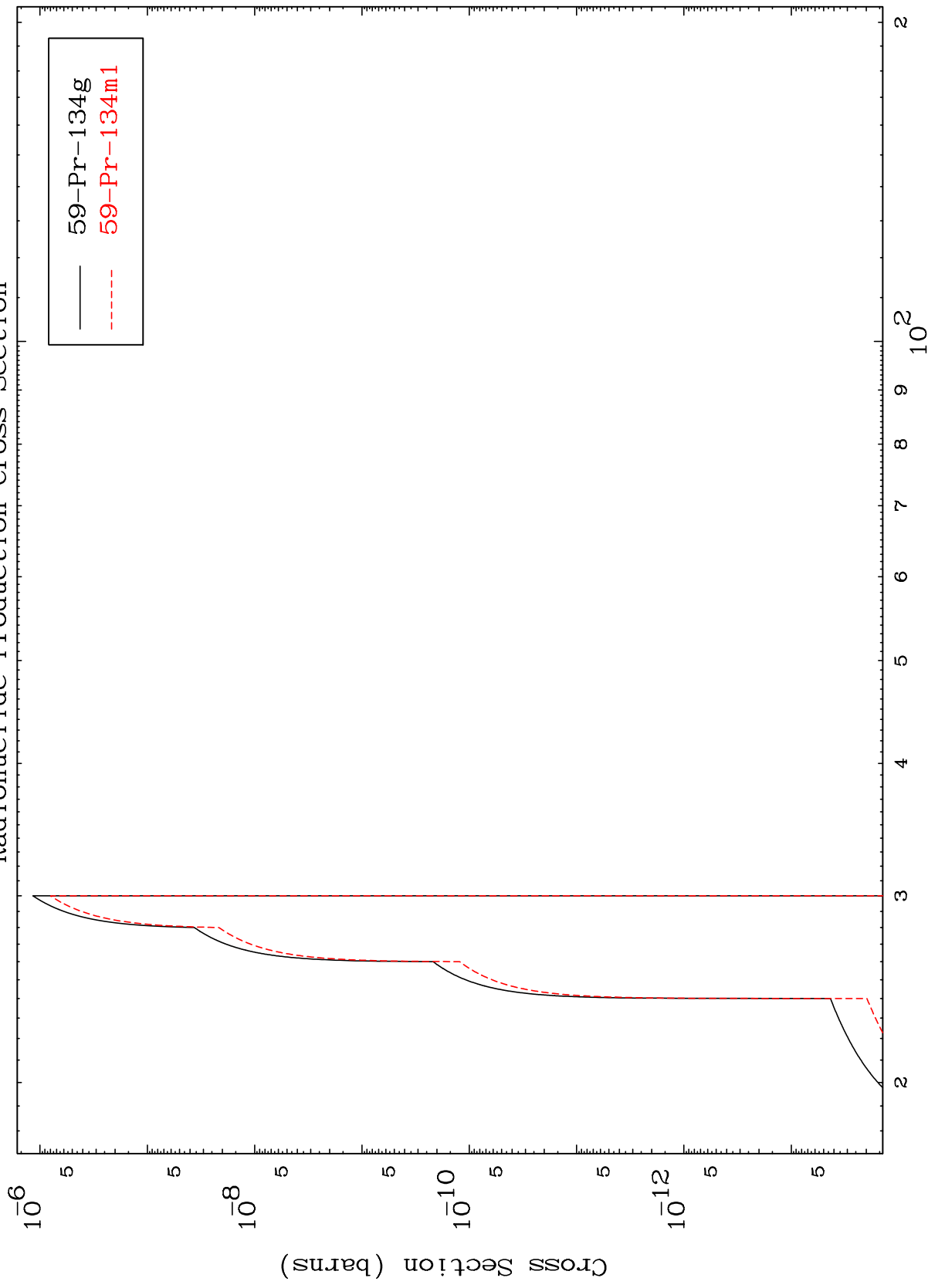
57-La-129g
57-La-129m2

MAT 5902

(n,p) d

59-Pr-133m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

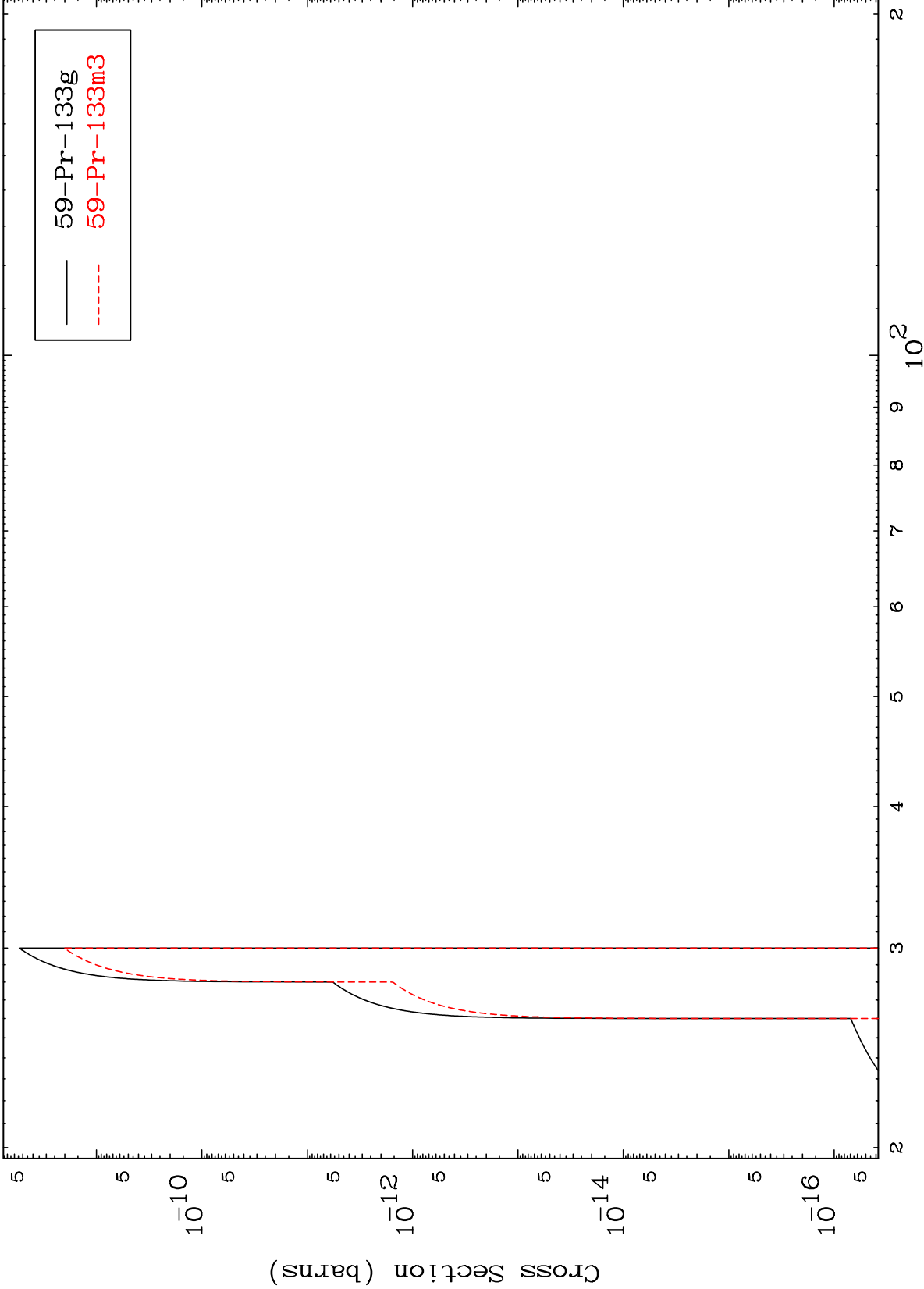
59-Pr-133m

MAT 5902

(n,p) t

59-Pr-133m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

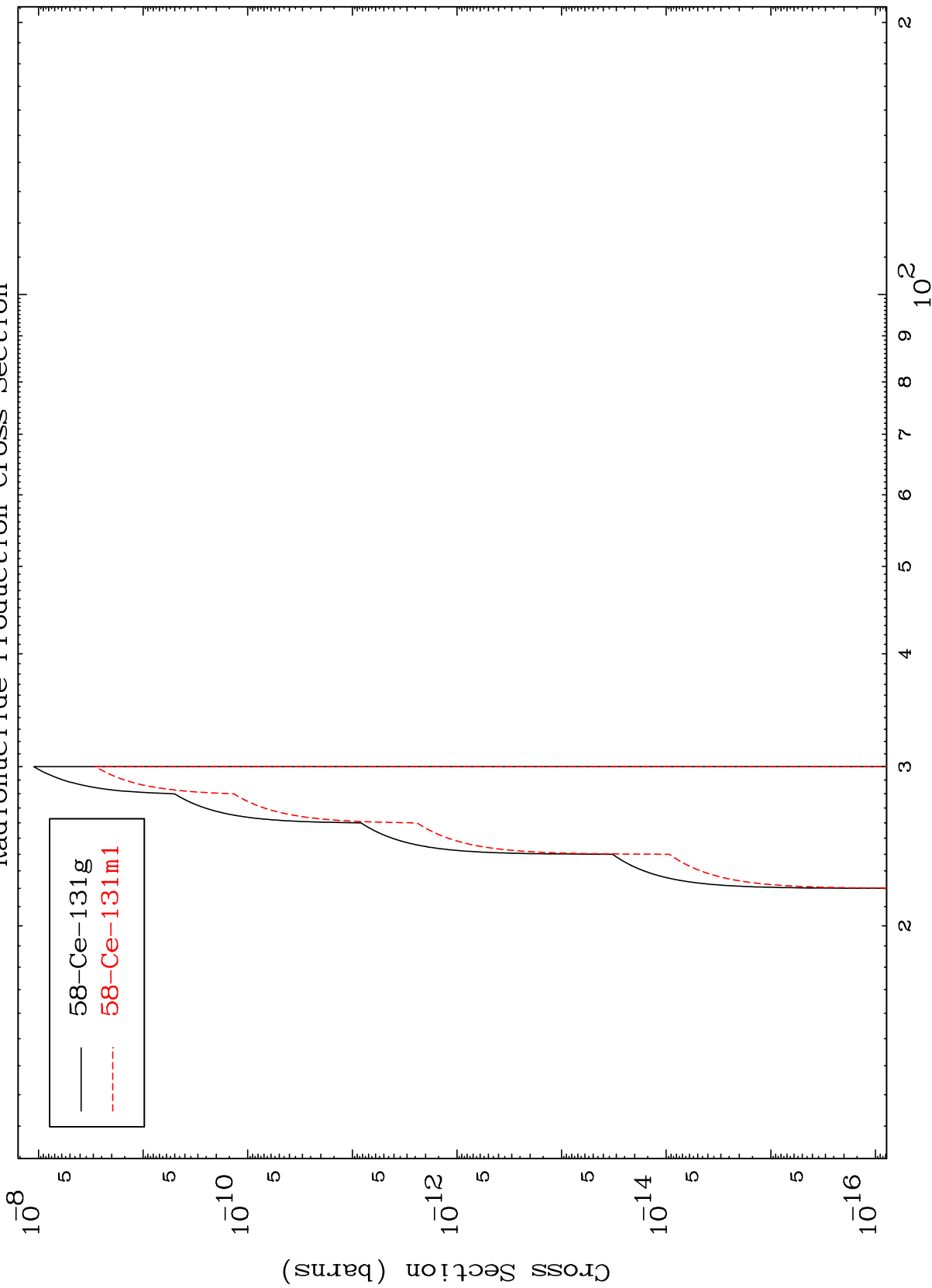
59-Pr-133m

MAT 5902

(n,d) α

59-Pr-133m

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-133m