

Program EVALPLOT
(Version 2021-1)

by

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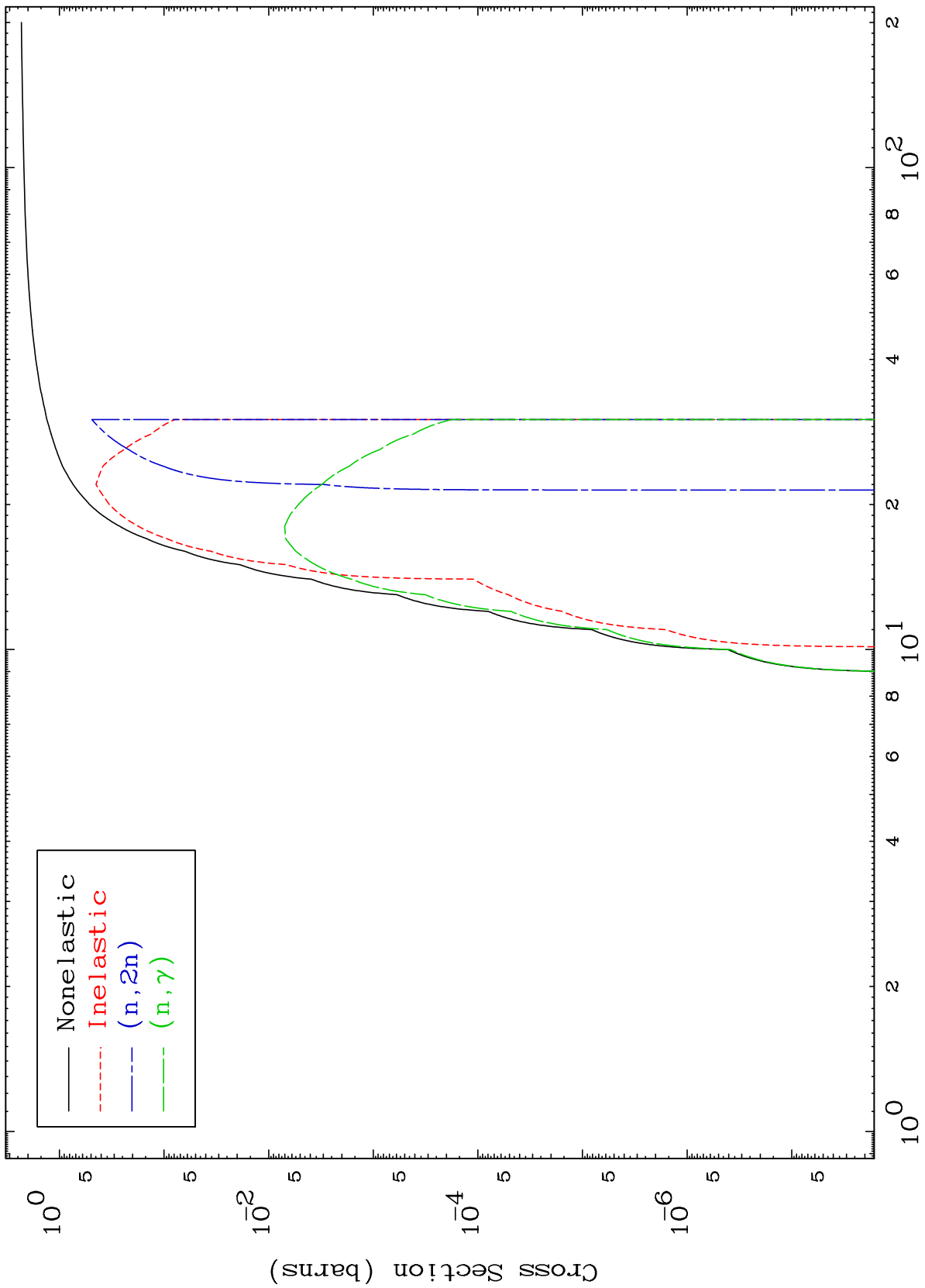
Press Mouse Button to Start

MAT 5905

α Major

59-Pr-134m

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

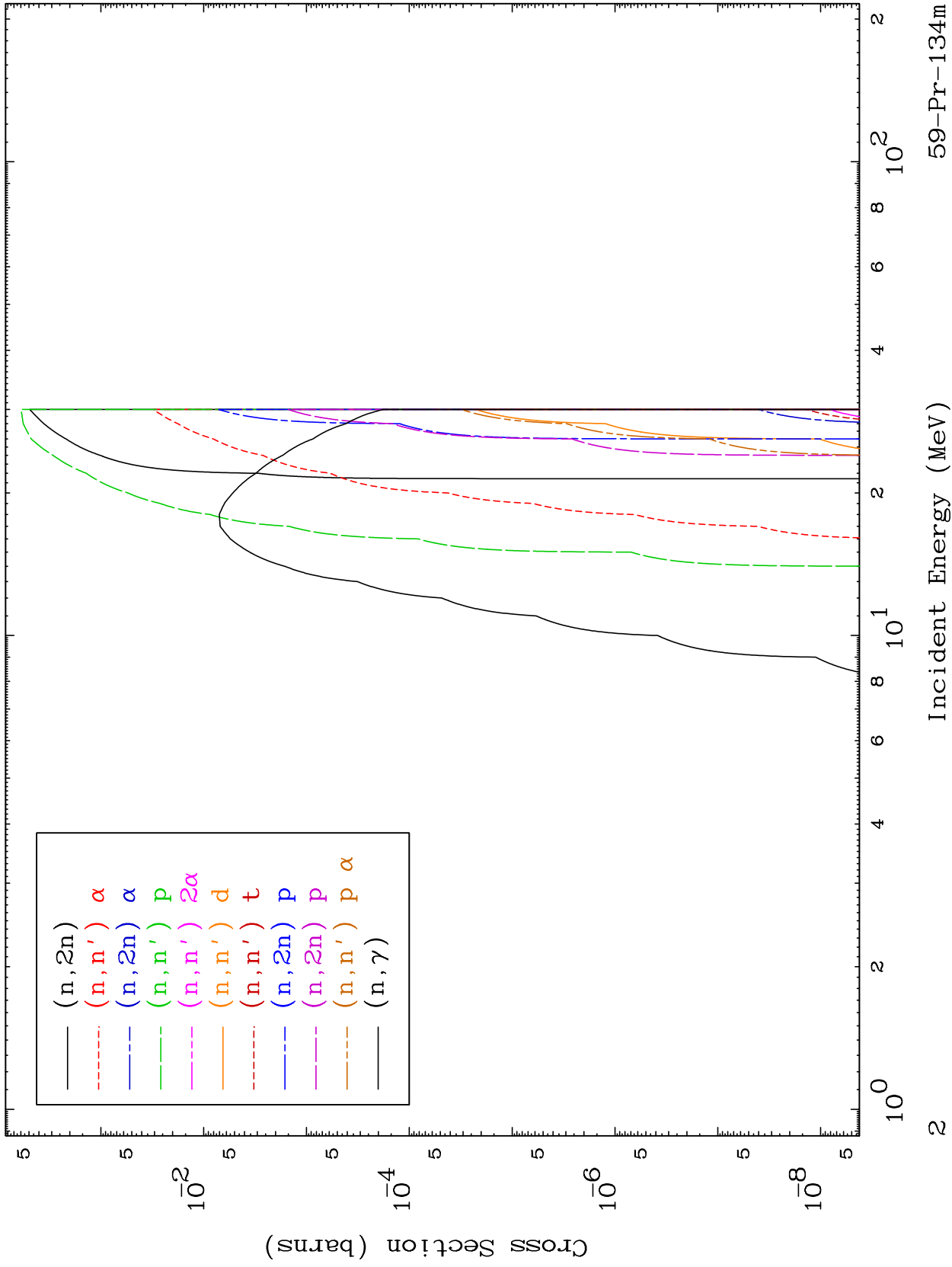
Incident Energy (MeV)

59-Pr-134m

MAT 5905

α Neutron Absorption
0 Kelvin Cross Sections

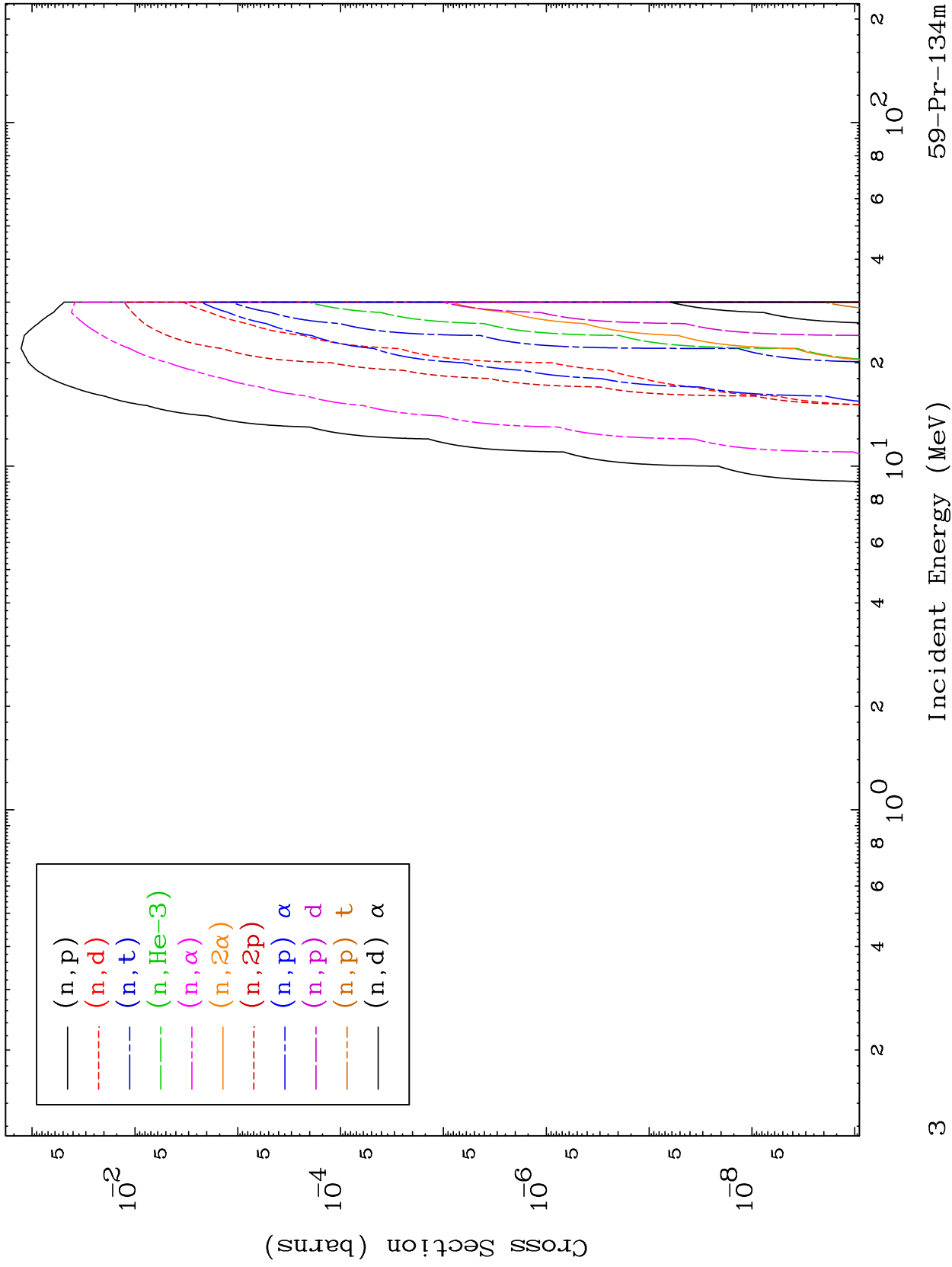
59-Pr-134m

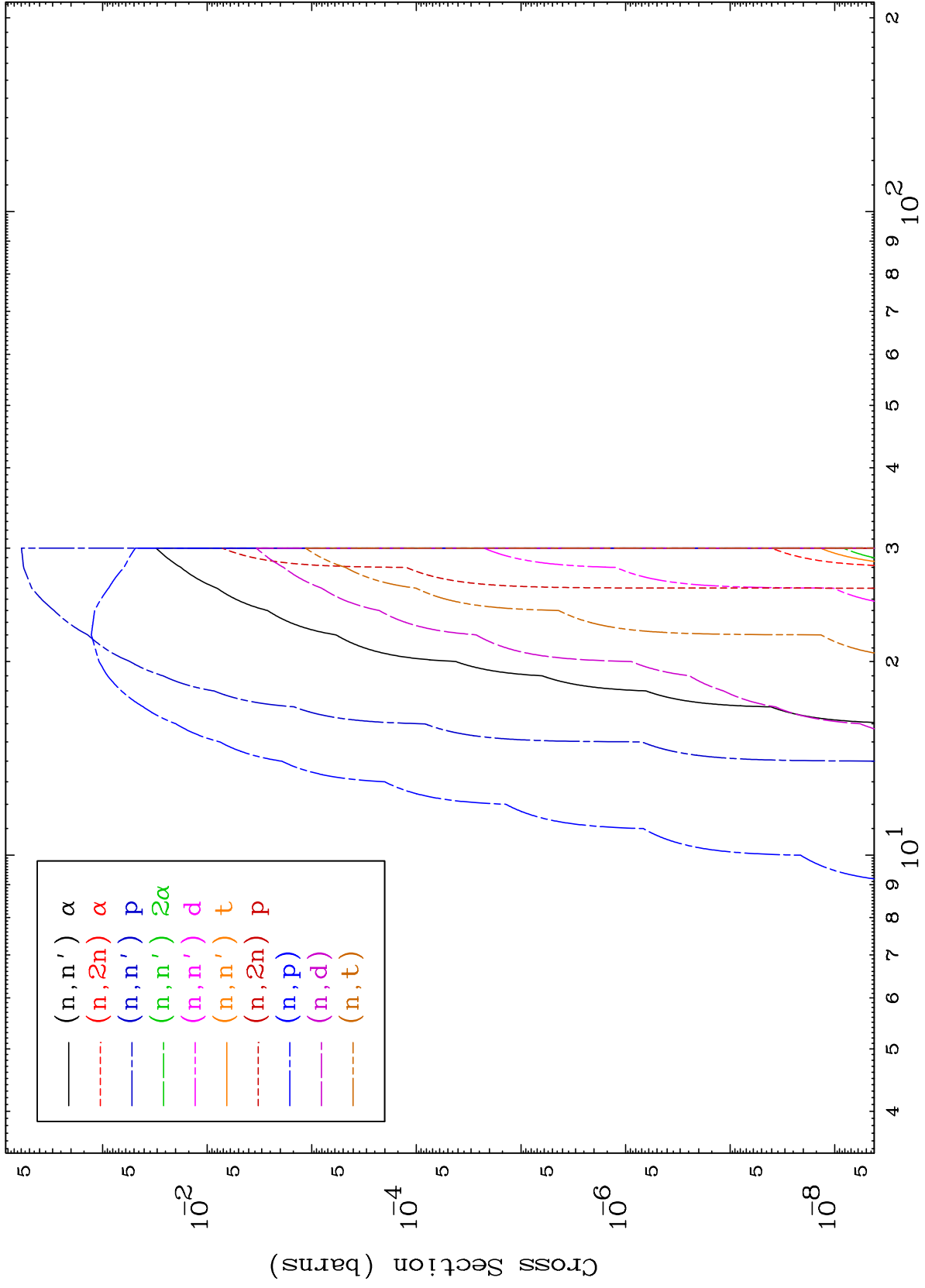


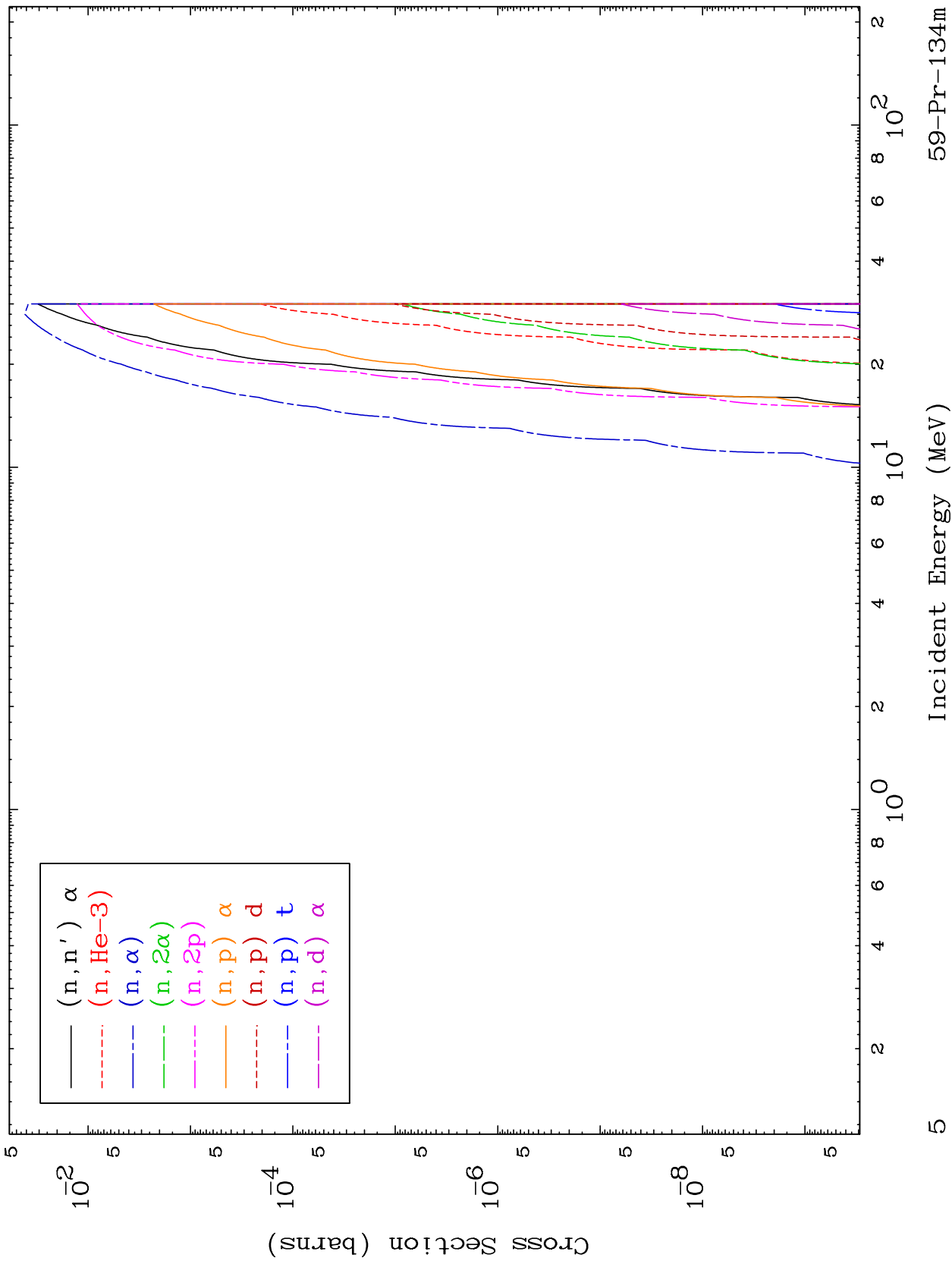
59-Pr-134m

Incident Energy (MeV)

2





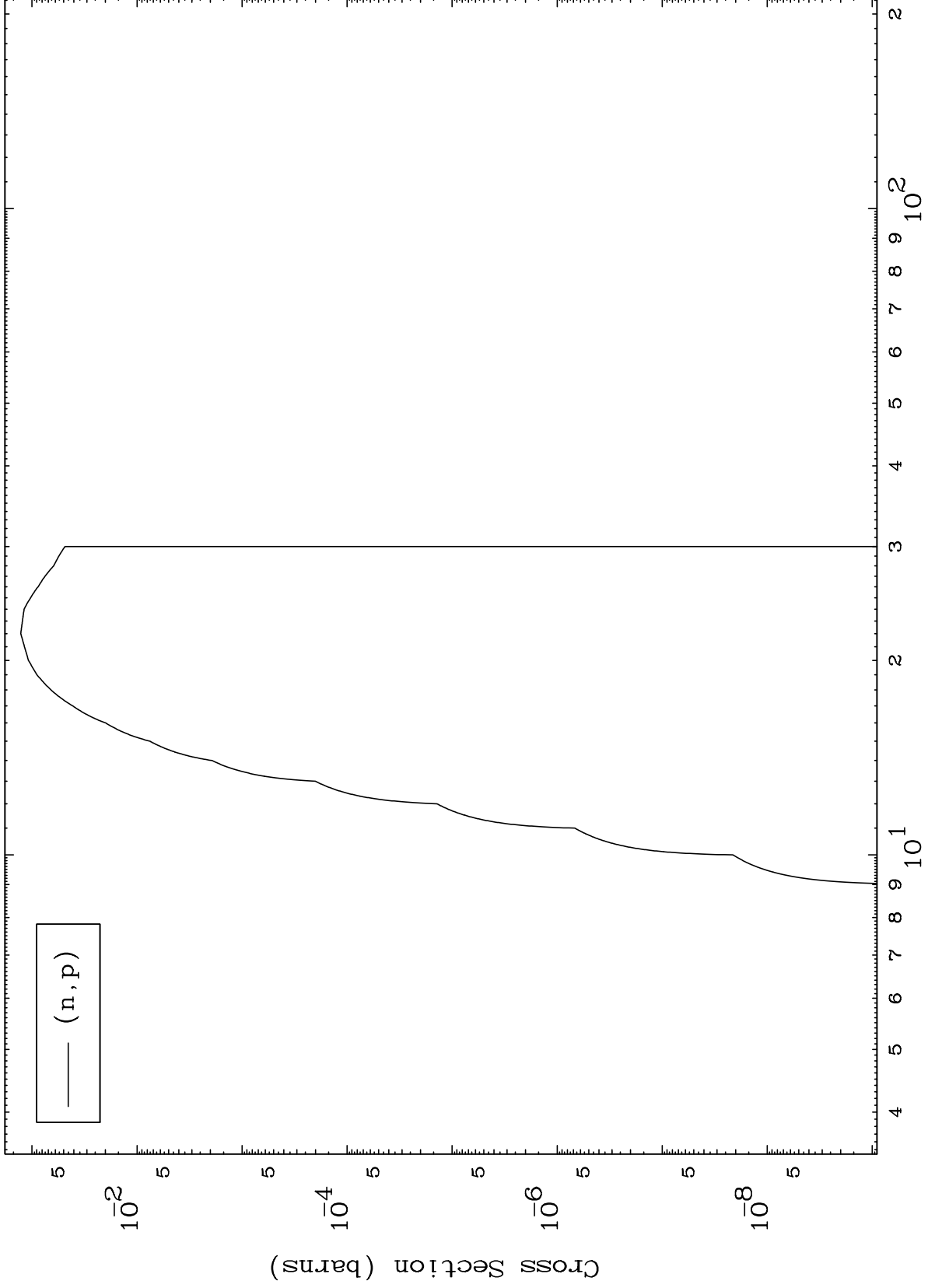


MAT 5905

(α, p) Levels

59-Pr-134m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

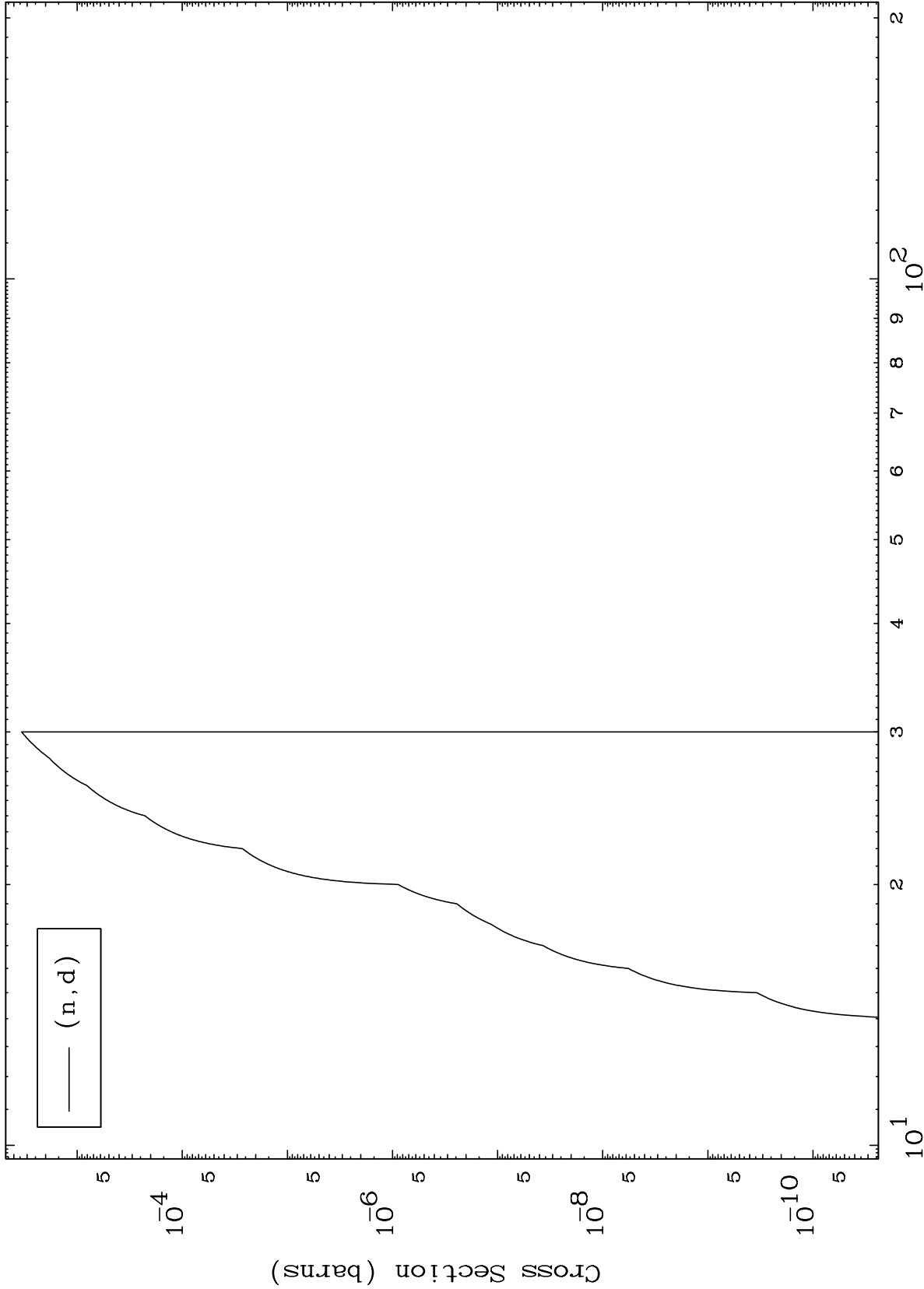
59-Pr-134m

MAT 5905

(α, d) Levels

59-Pr-134m

0 Kelvin Cross Sections



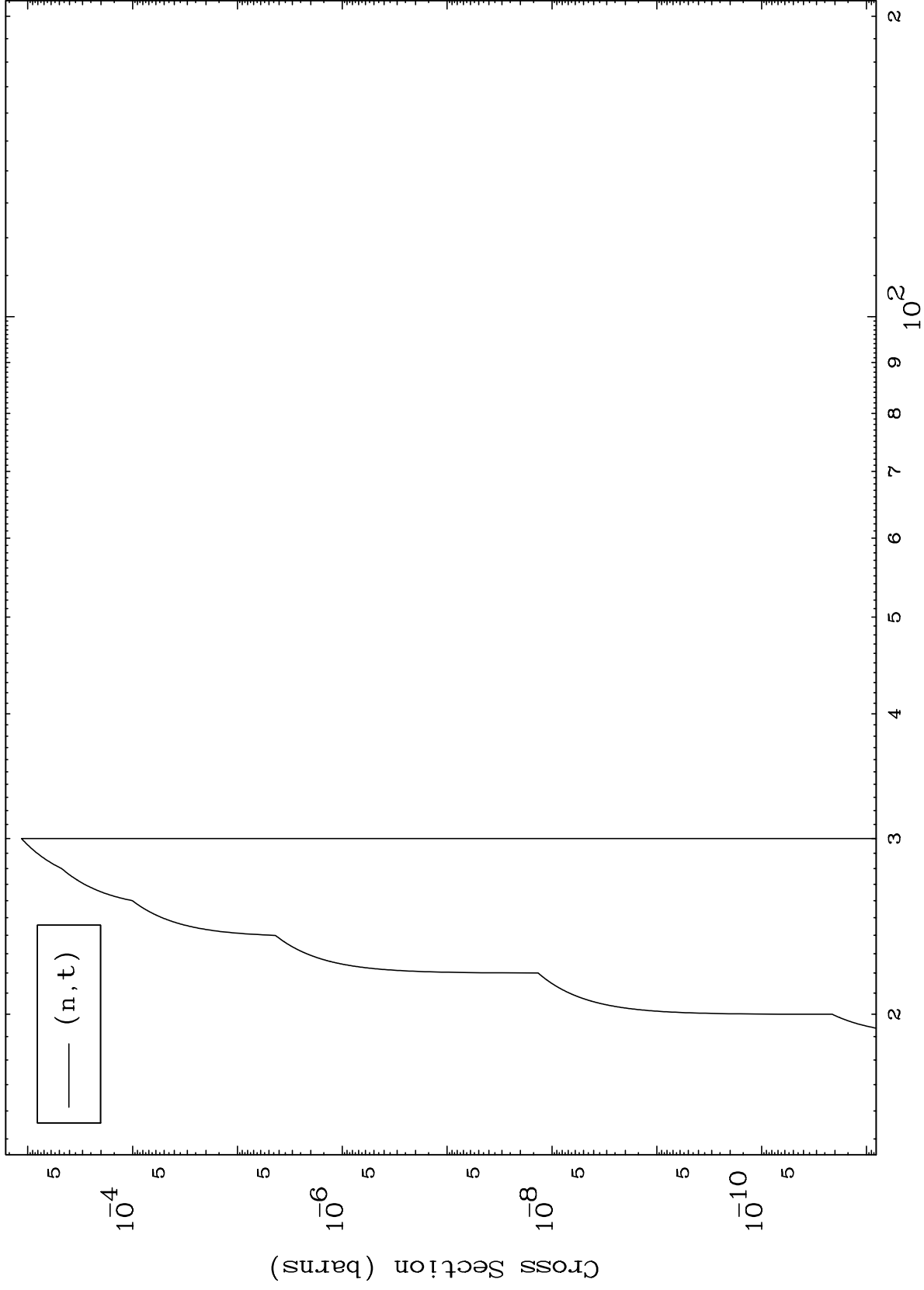
Incident Energy (MeV)

59-Pr-134m

MAT 5905

(α, t) Levels
0 Kelvin Cross Sections

59-Pr-134m

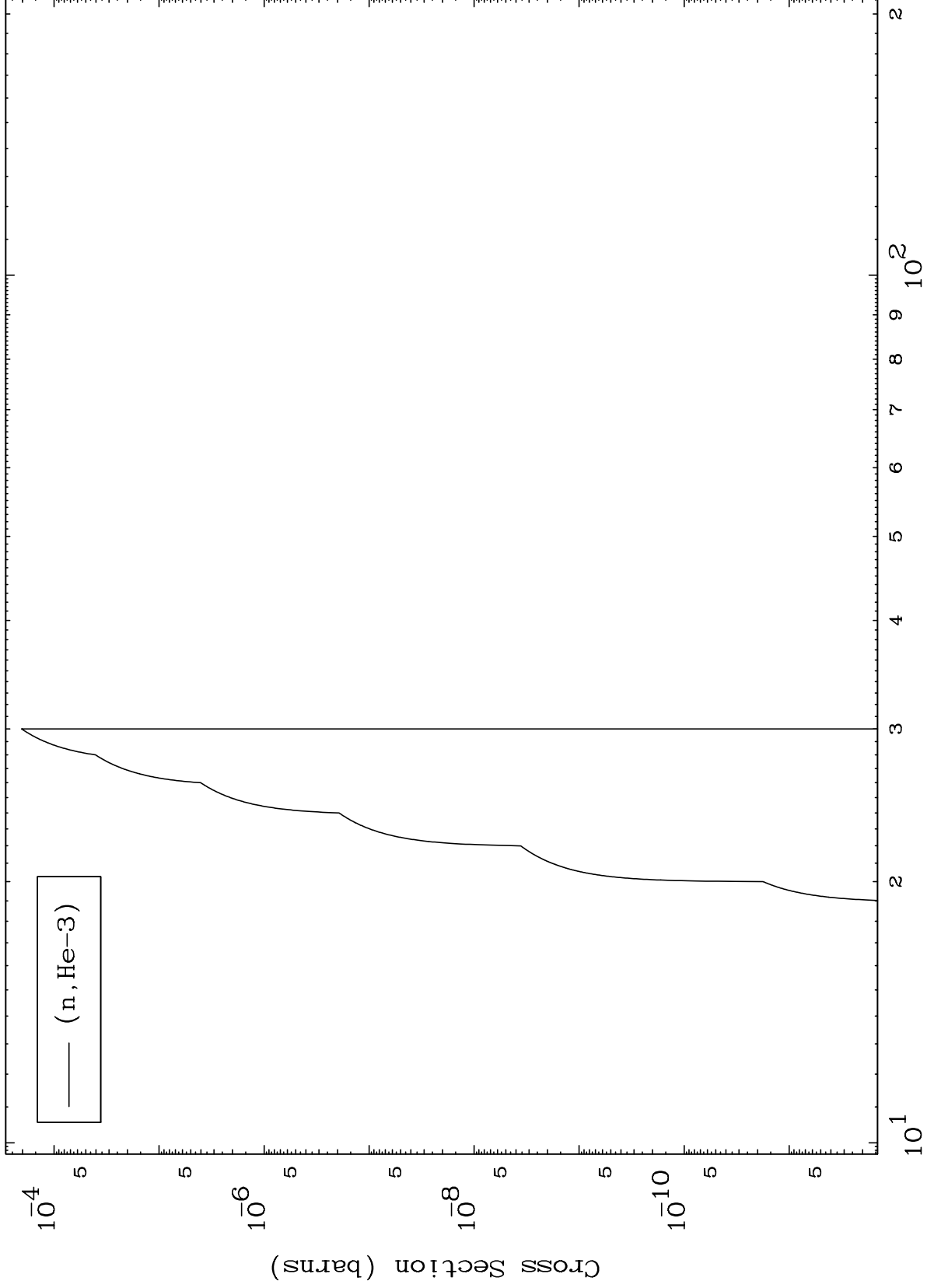


MAT 5905

(α , He3) Levels

59-Pr-134m

0 Kelvin Cross Sections



Incident Energy (MeV)

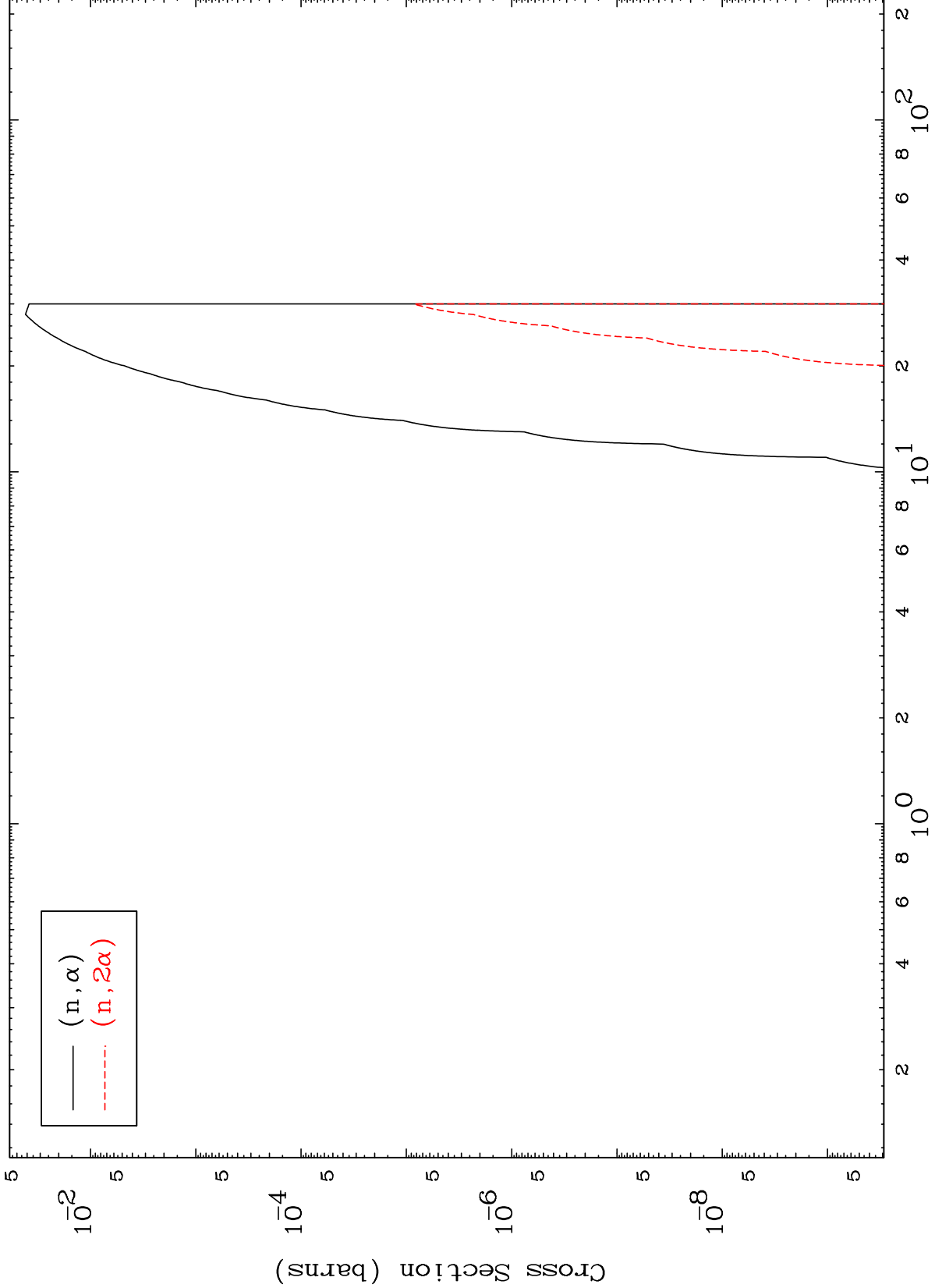
59-Pr-134m

MAT 5905

(α, α) Levels

59-Pr-134m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

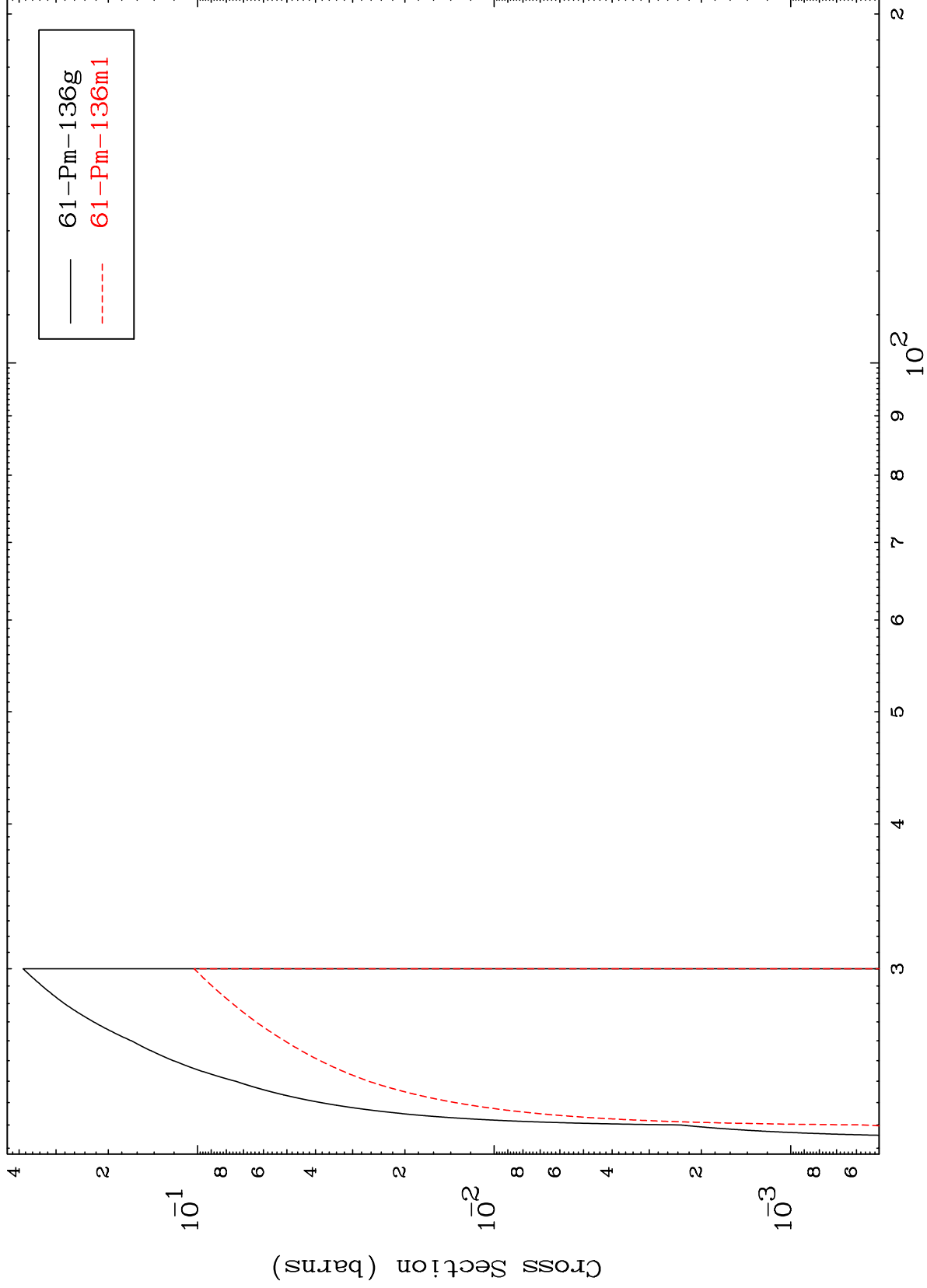
59-Pr-134m

MAT 5905

(n,2n)

59-Pr-134m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

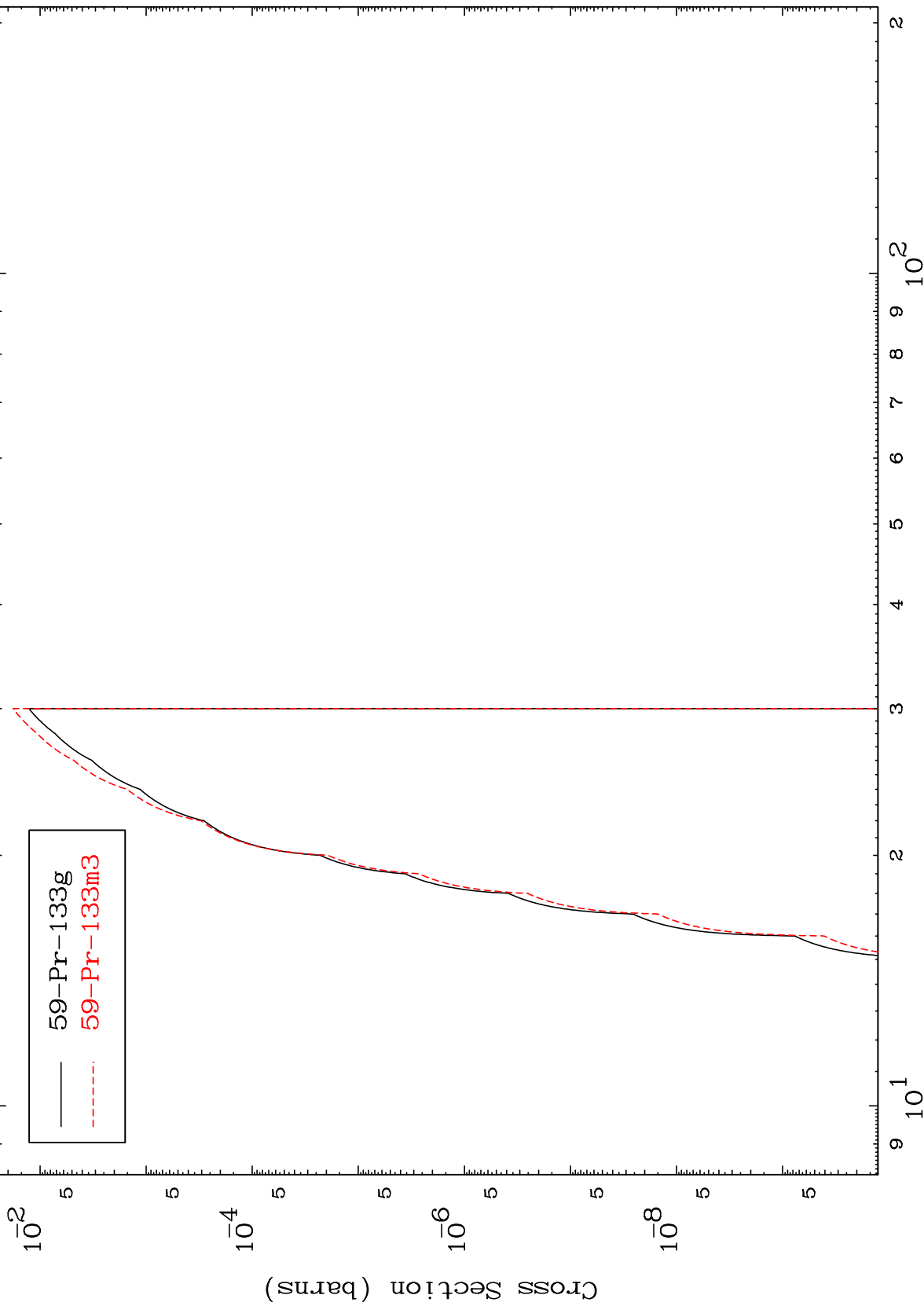
59-Pr-134m

MAT 5905

(n,n') α

59-Pr-134m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

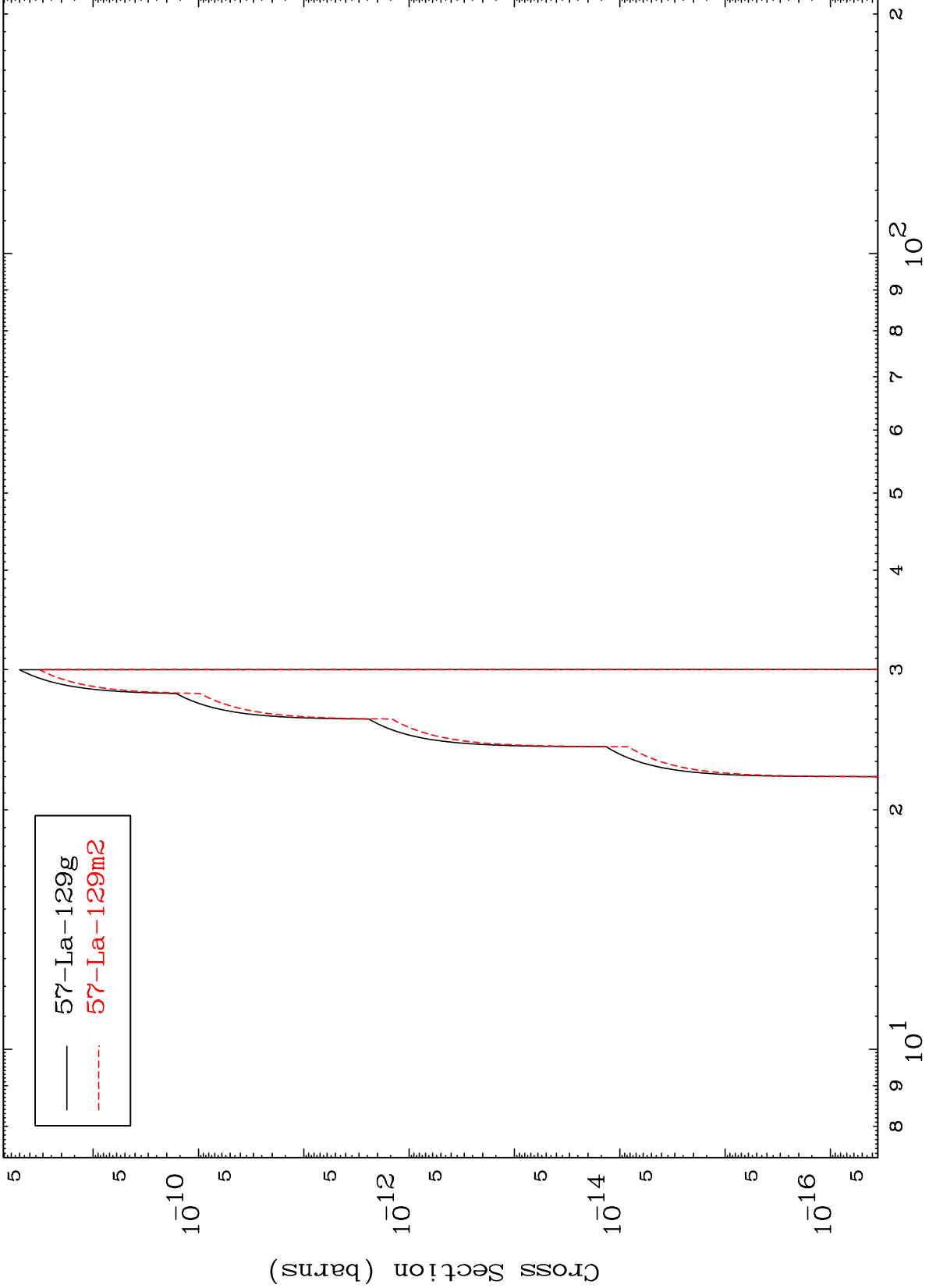
59-Pr-134m

MAT 5905

(n,n') 2α

59-Pr-134m

Radionuclide Production Cross Section



13

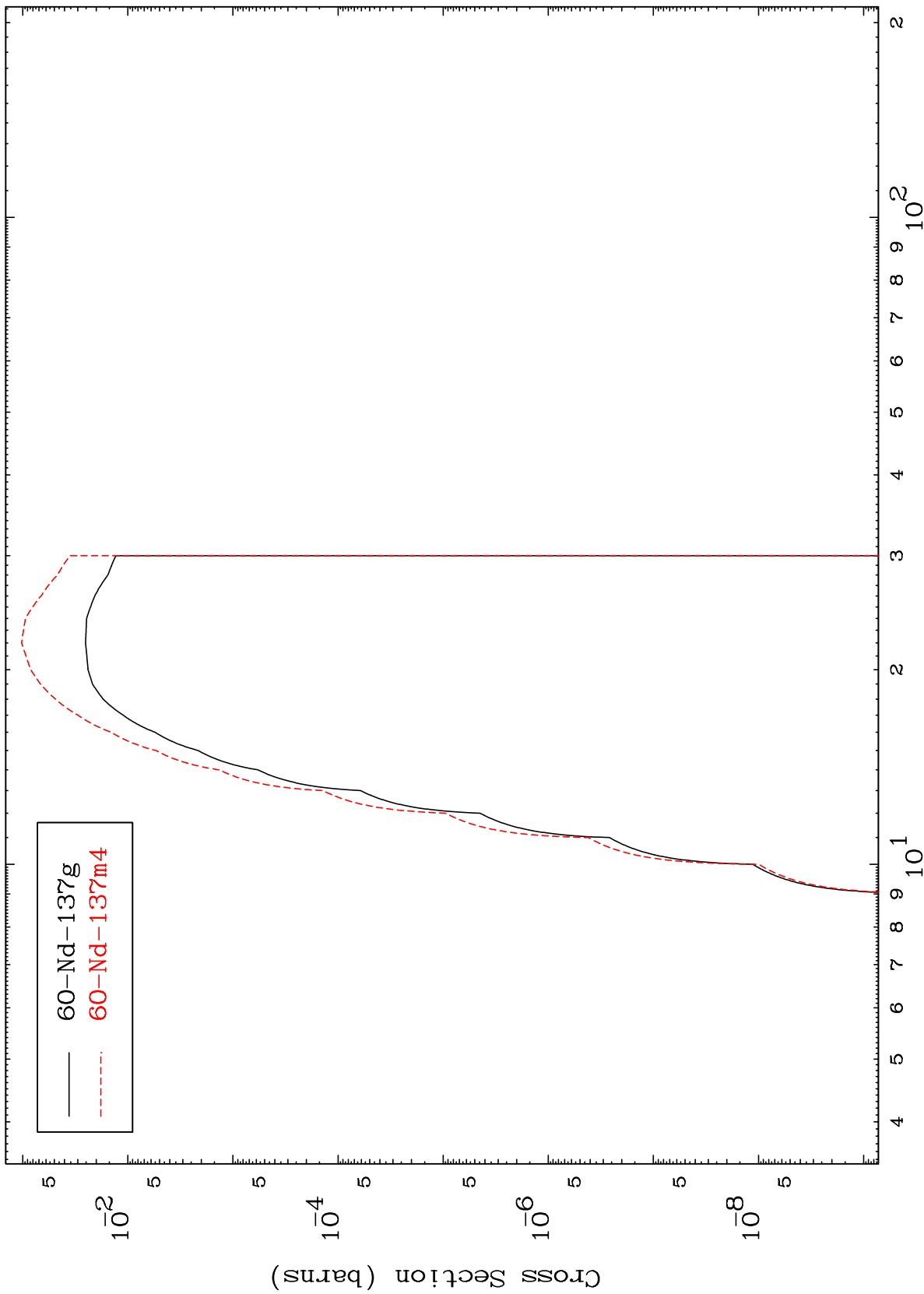
Incident Energy (MeV)

59-Pr-134m

MAT 5905

59-Pr-134m

(n,p)
Radionuclide Production Cross Section



59-Pr-134m

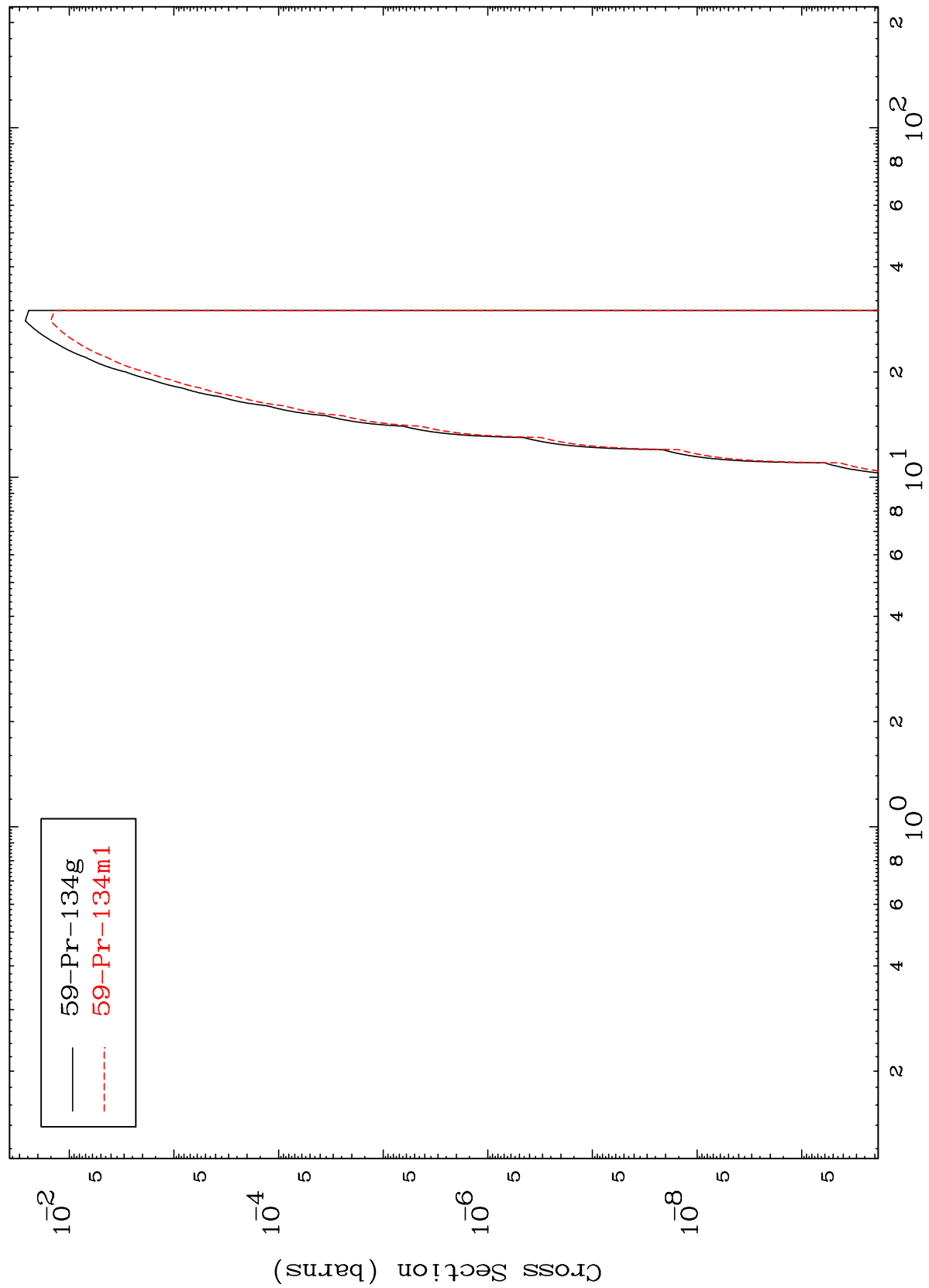
Incident Energy (MeV)

14

MAT 5905

59-Pr-134m

(n, α)
Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

59-Pr-134m

Incident Energy (MeV)

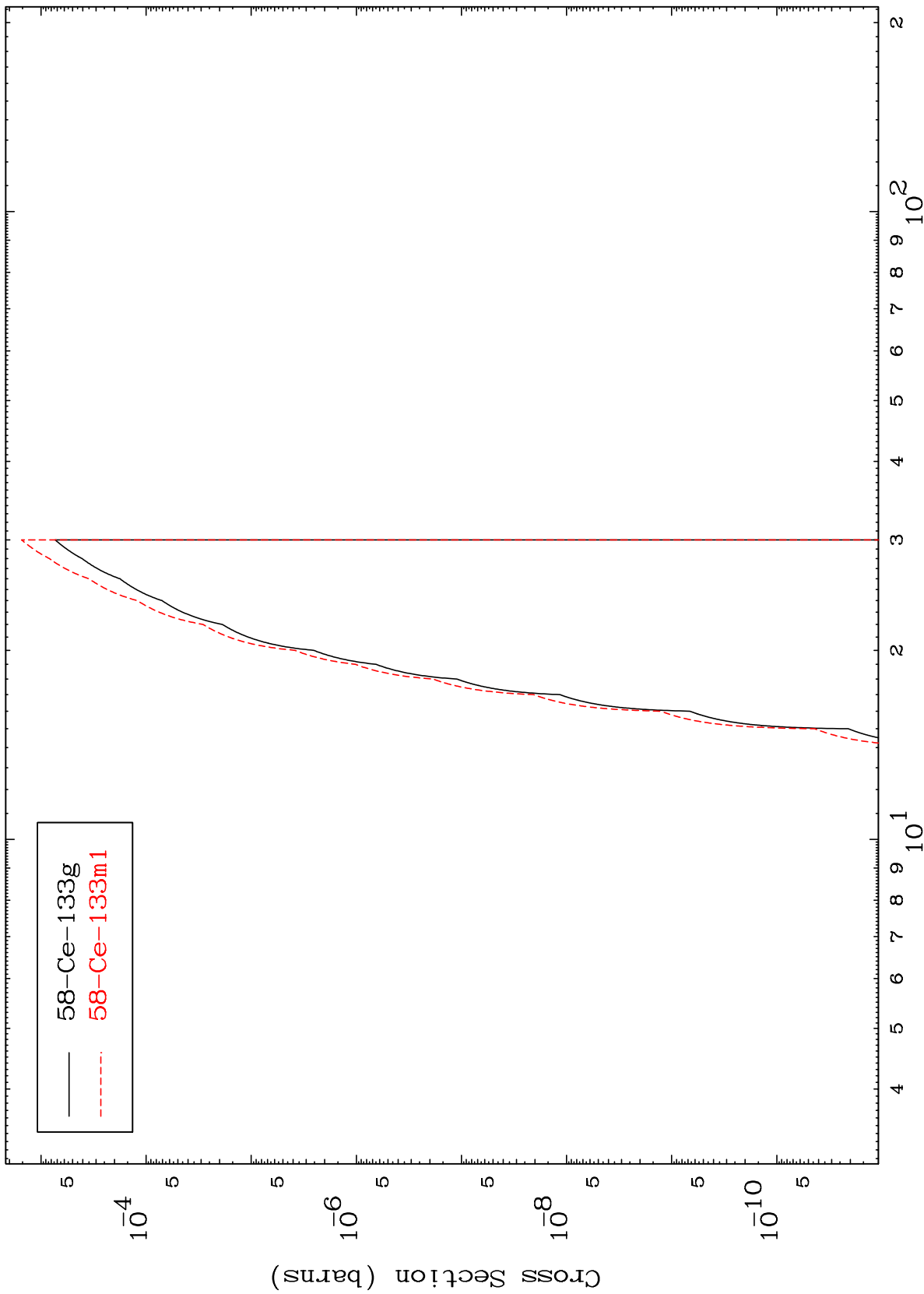
15

MAT 5905

(n,p) α

59-Pr-134m

Radionuclide Production Cross Section



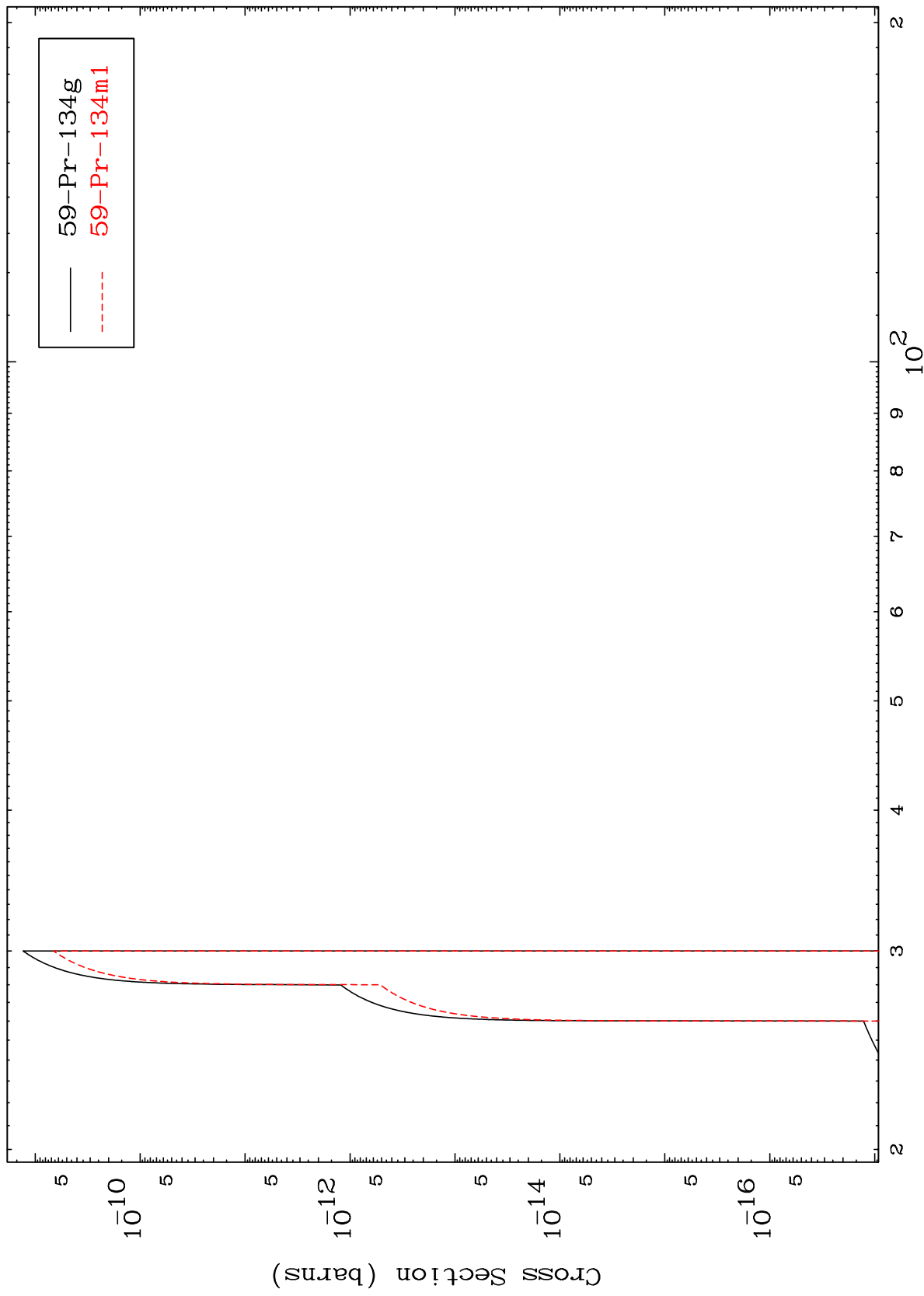
58-Ce-133g
58-Ce-133m1

MAT 5905

(n,p) t

59-Pr-134m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

59-Pr-134m