

Program EVALPLOT
(Version 2018-1)

by

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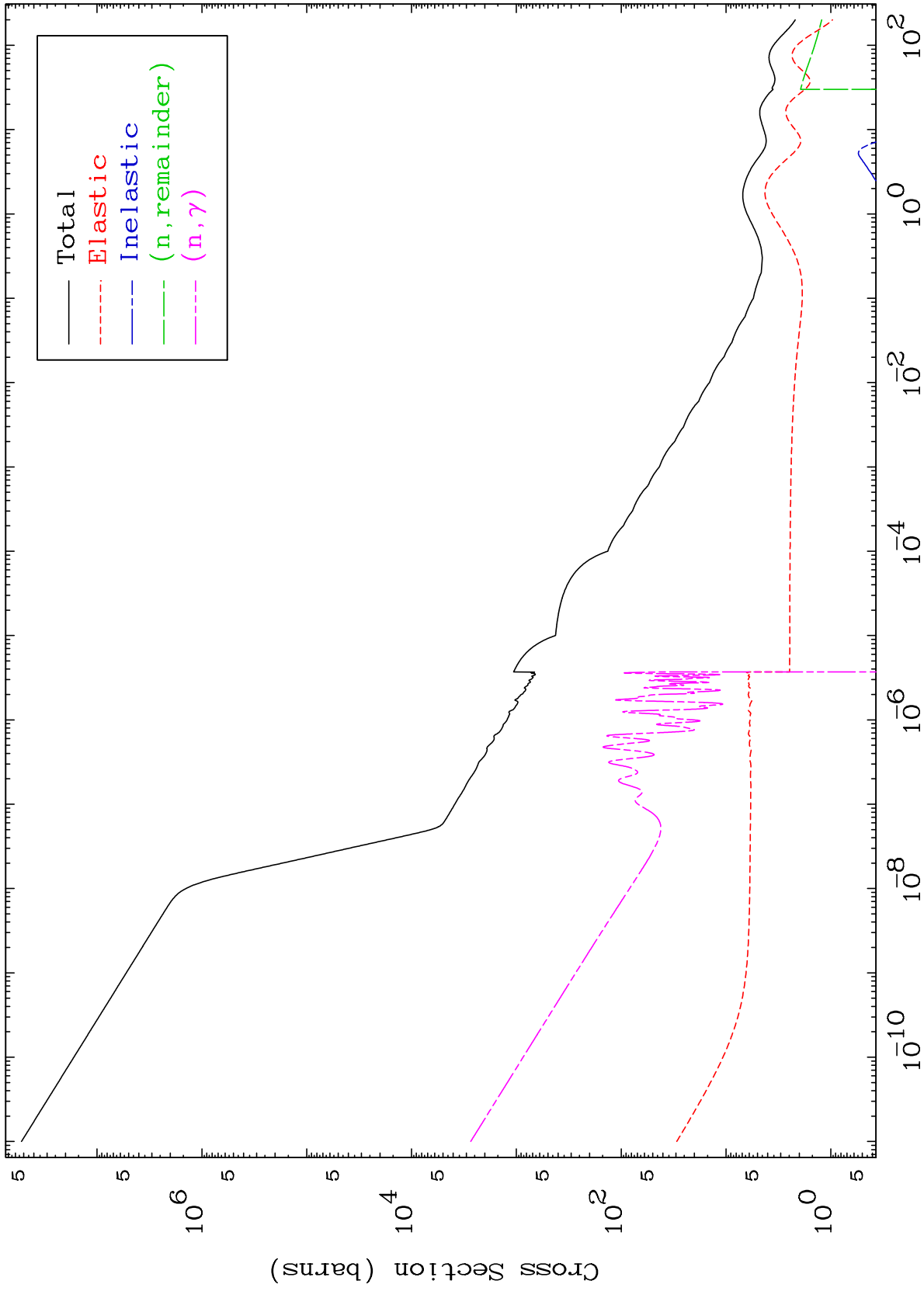
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6111

Major
293 Kelvin Cross Sections

61-Pm-134



1

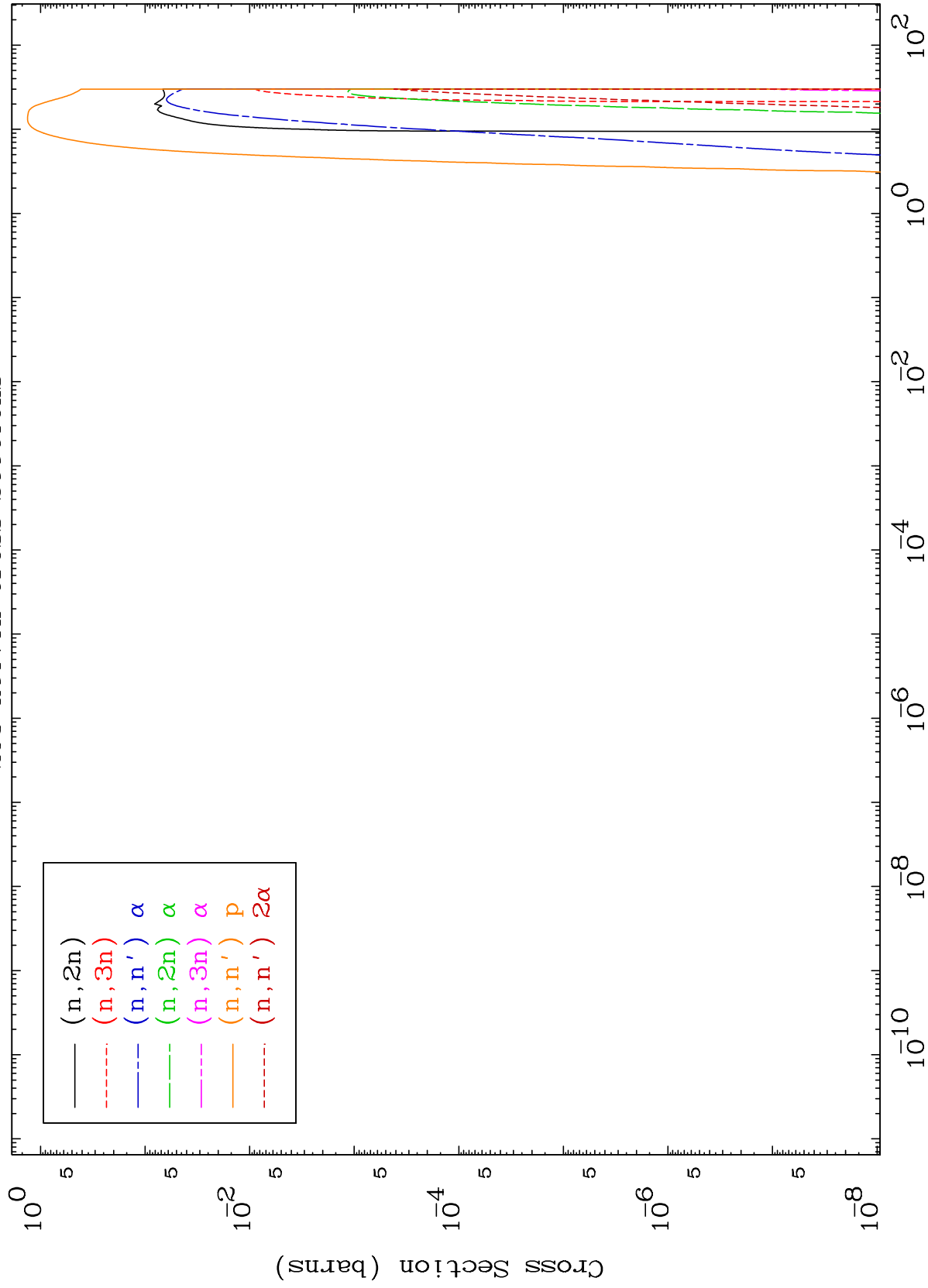
Incident Energy (MeV)

61-Pm-134

MAT 6111

Neutron Production
293 Kelvin Cross Sections

61-Pm-134



2

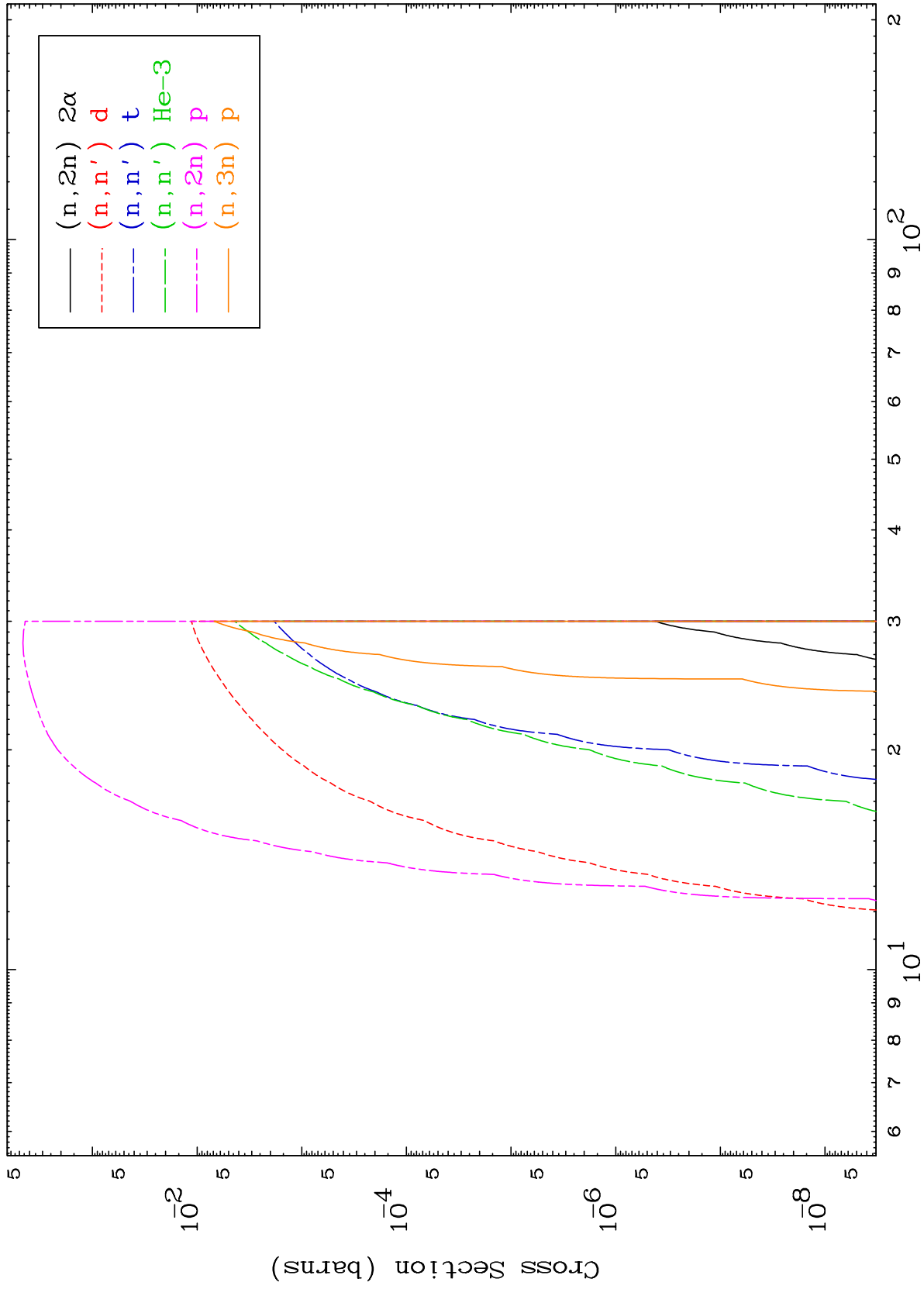
Incident Energy (MeV)

61-Pm-134

MAT 6111

Neutron Production
293 Kelvin Cross Sections

61-Pm-134



3

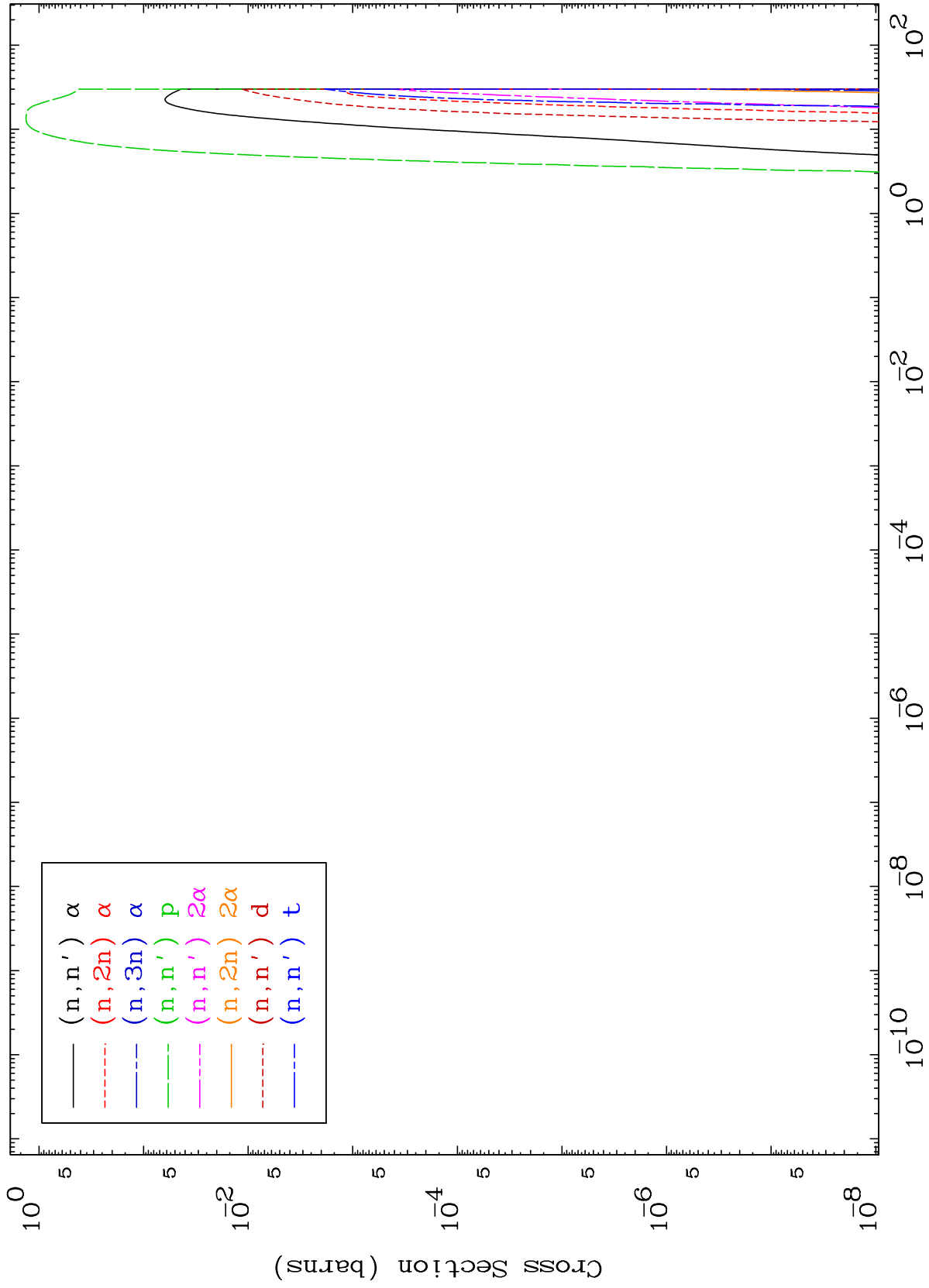
Incident Energy (MeV)

61-Pm-134

MAT 6111

293 Kelvin Cross Sections

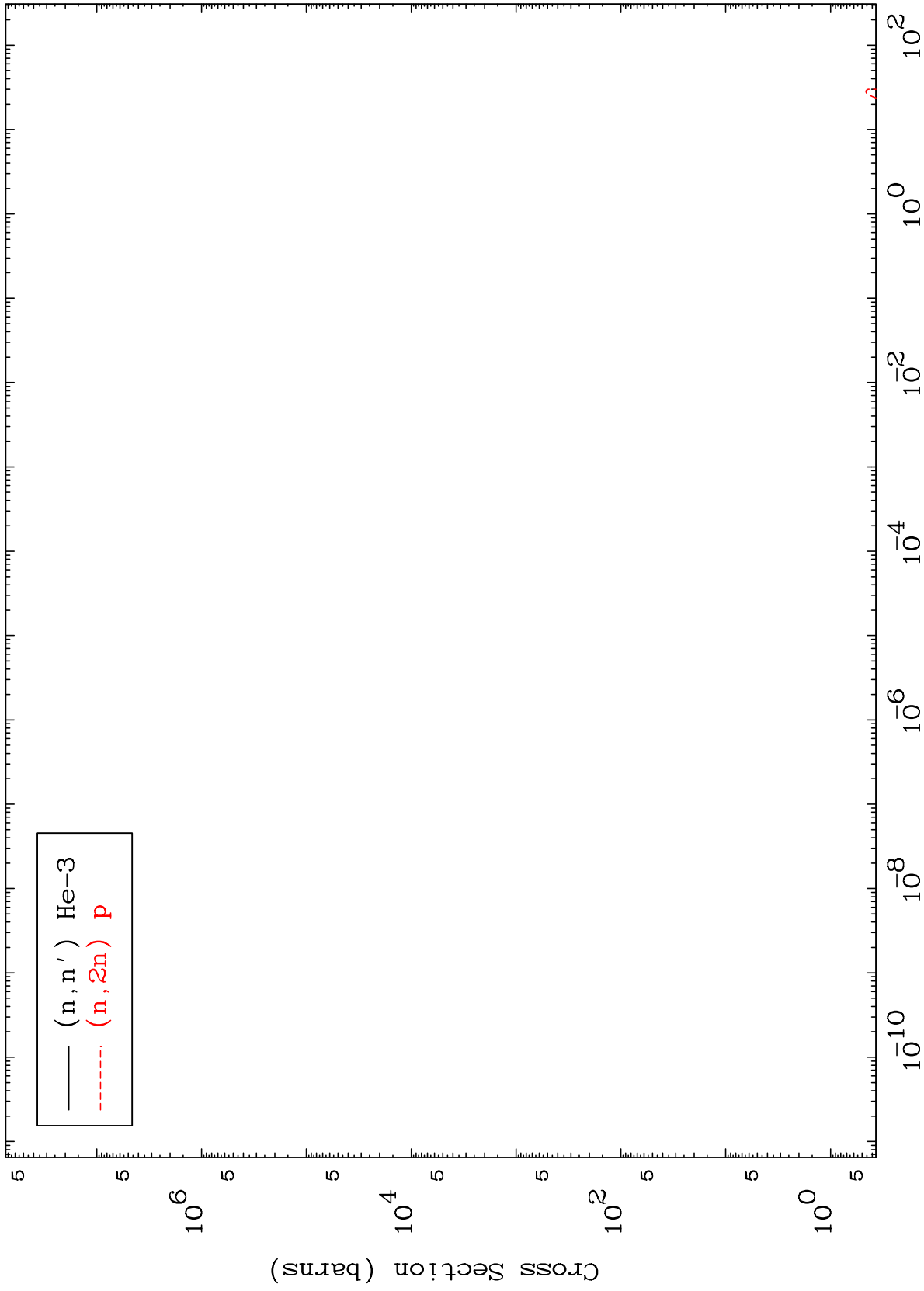
61-Pm-134



MAT 6111

Charged Particle
293 Kelvin Cross Sections

61-Pm-134



5

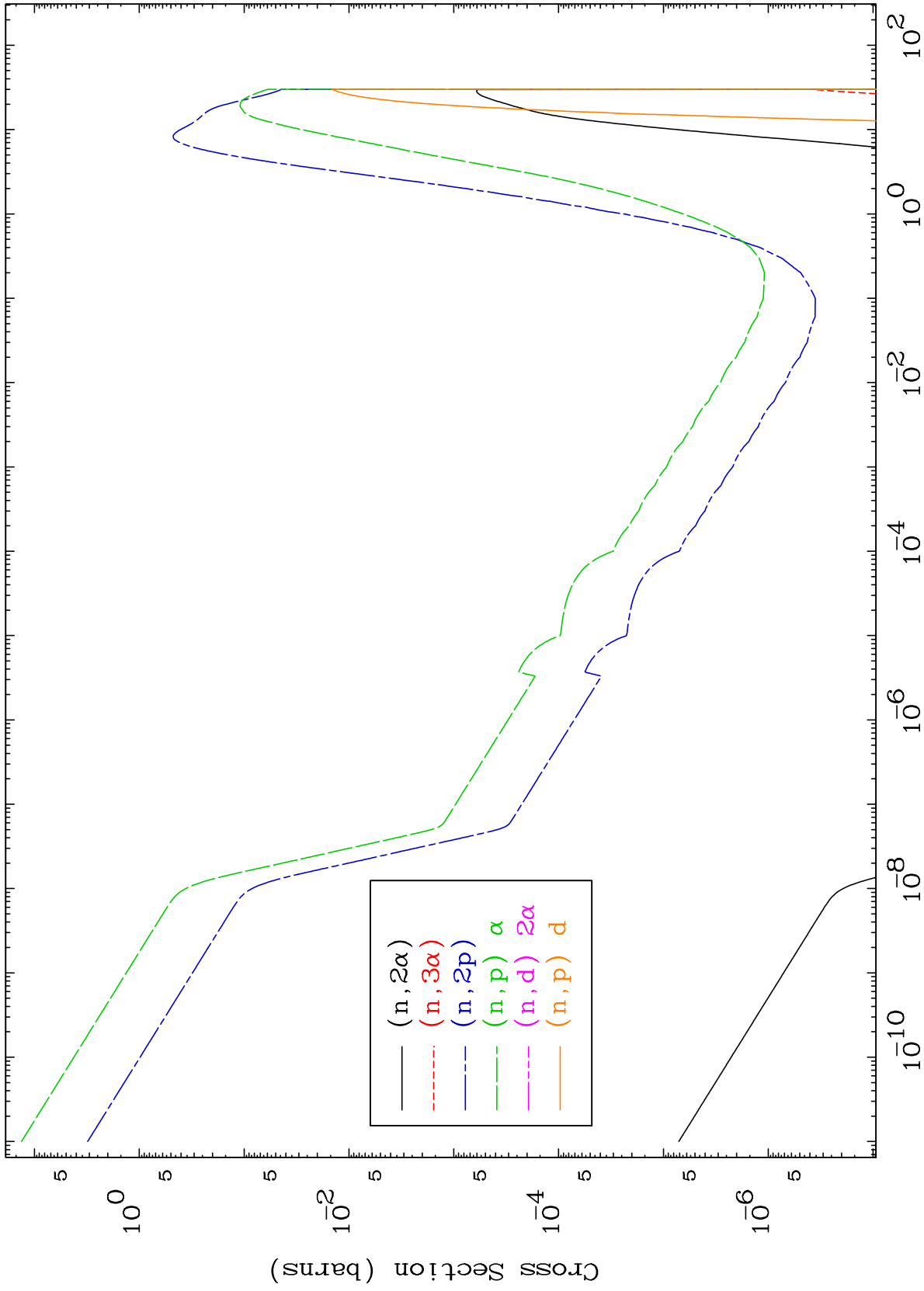
Incident Energy (MeV)

61-Pm-134

MAT 6111

Charged Particle
293 Kelvin Cross Sections

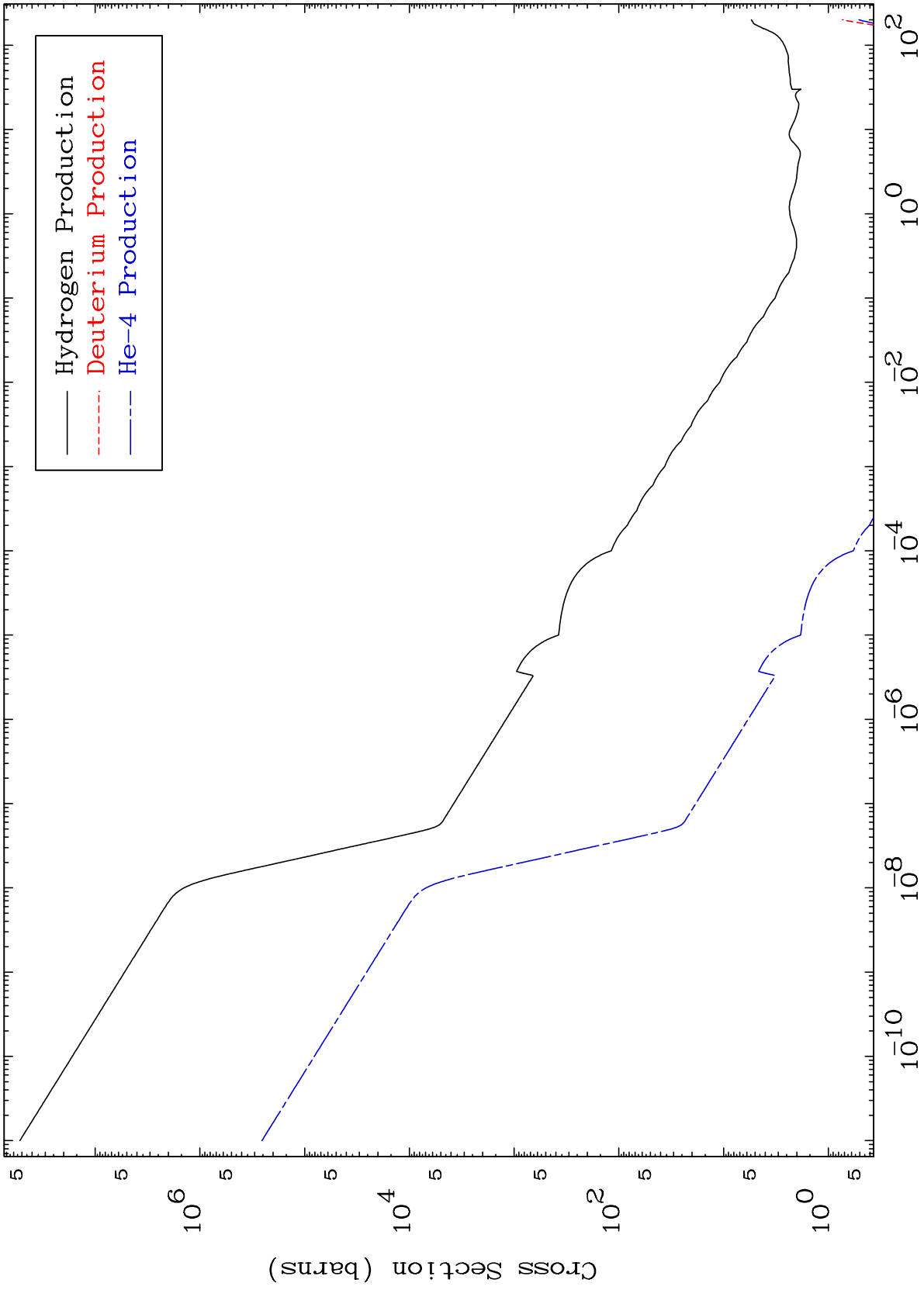
61-Pm-134



MAT 6111

Particle Production
293 Kelvin Cross Sections

61-Pm-134



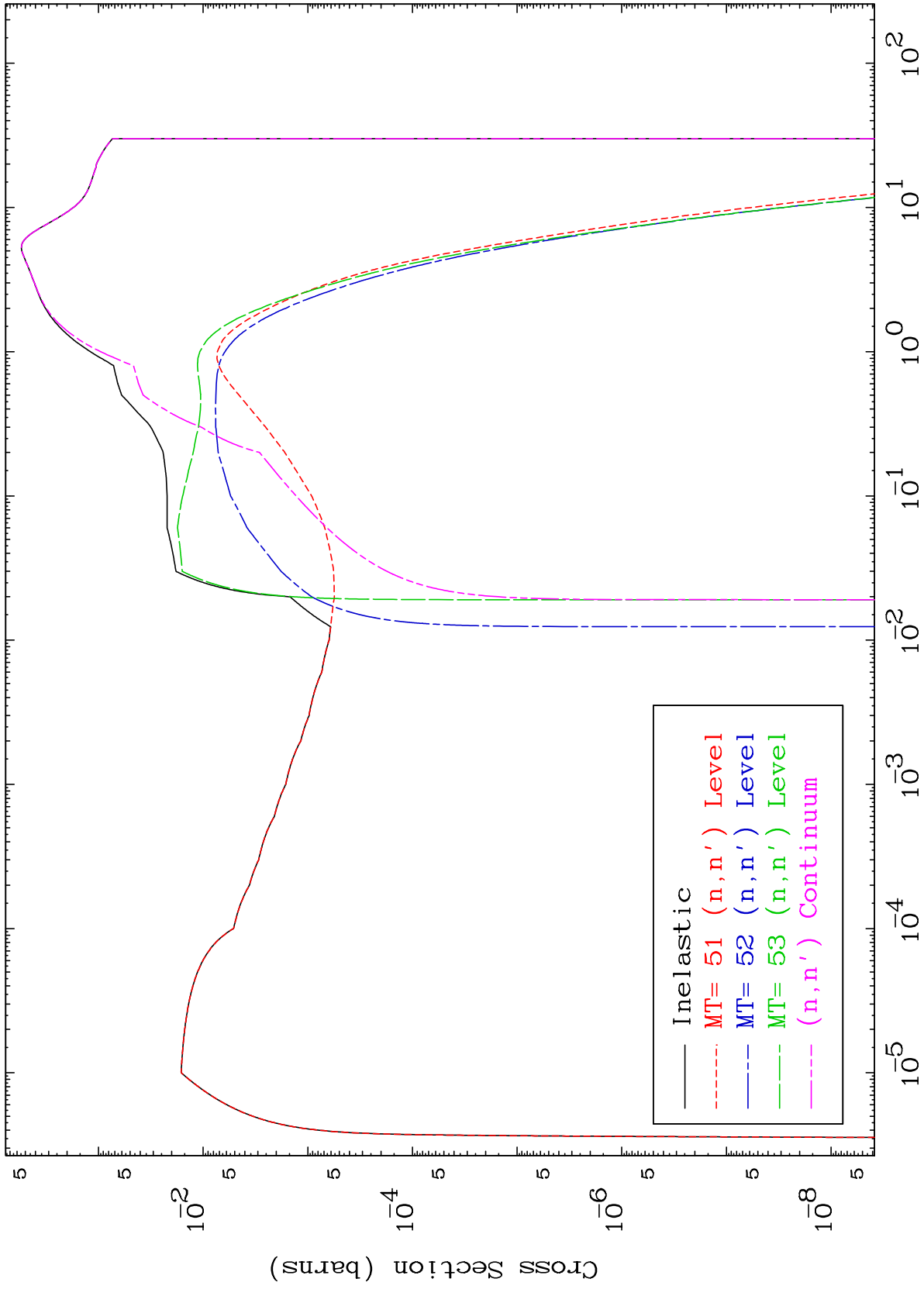
7

61-Pm-134

MAT 6111

(n,n') Level
293 Kelvin Cross Sections

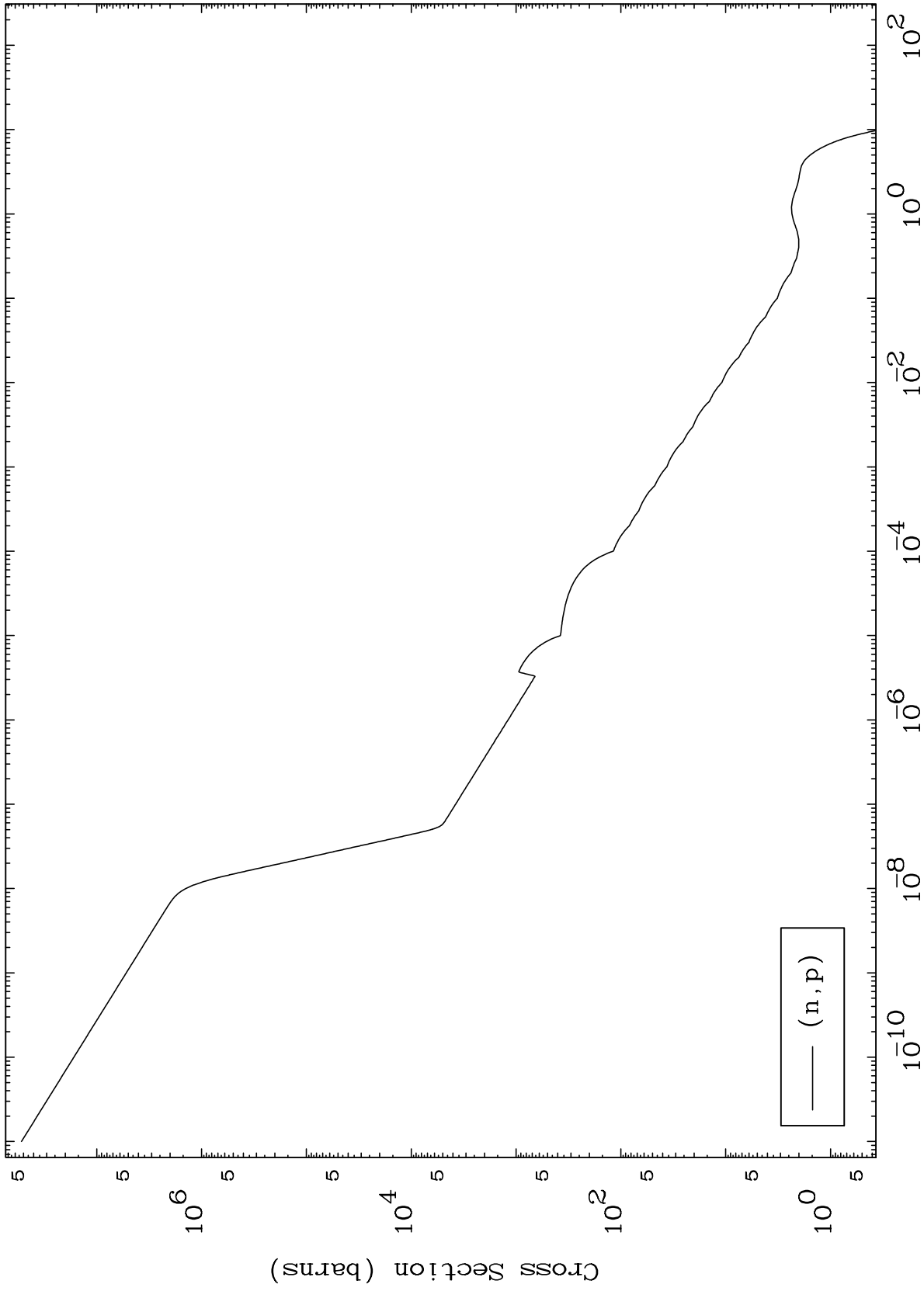
61-Pm-134



MAT 6111

(n,p) Levels
293 Kelvin Cross Sections

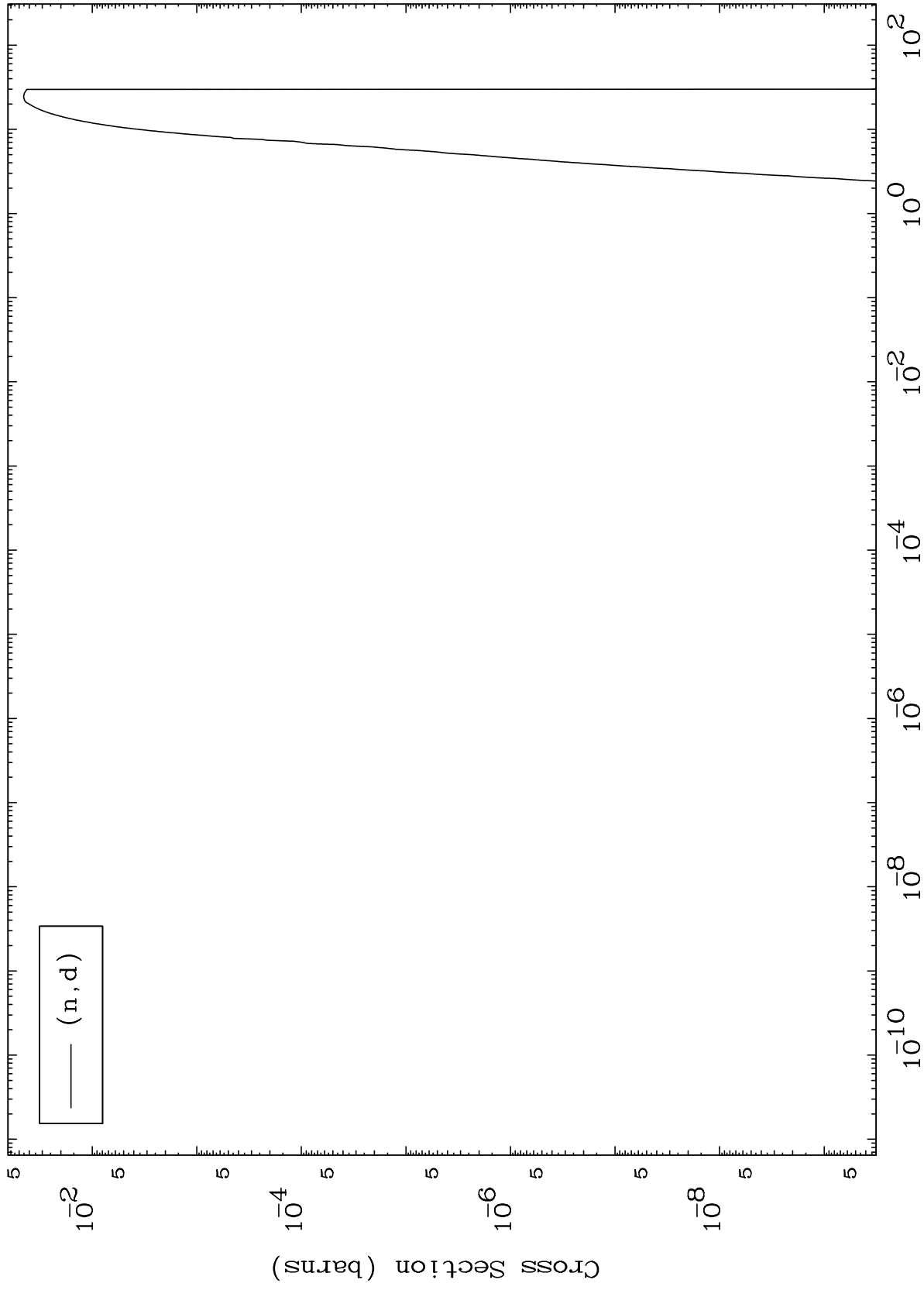
61-Pm-134



MAT 6111

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-134



10

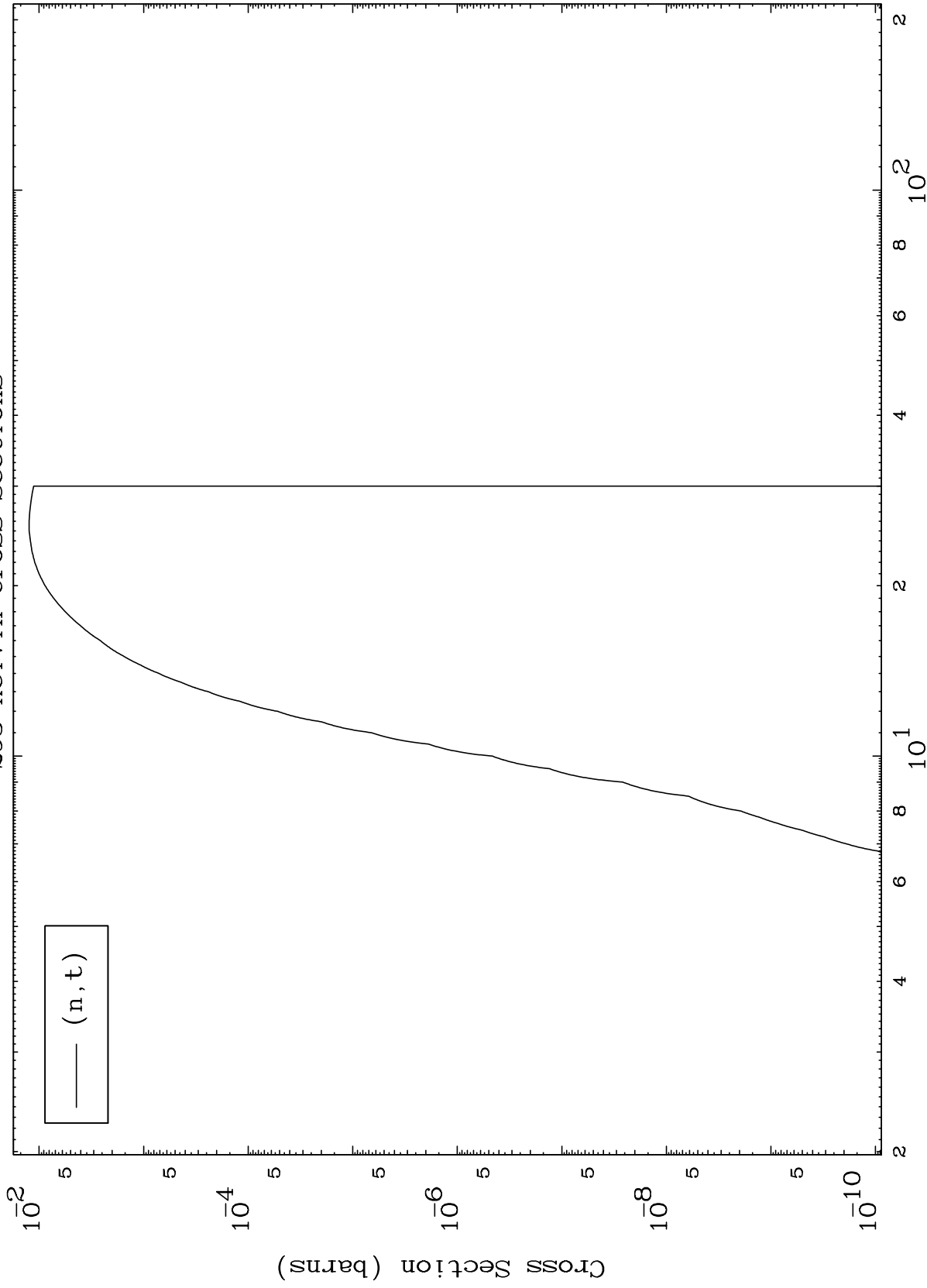
Incident Energy (MeV)

61-Pm-134

MAT 6111

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-134



11

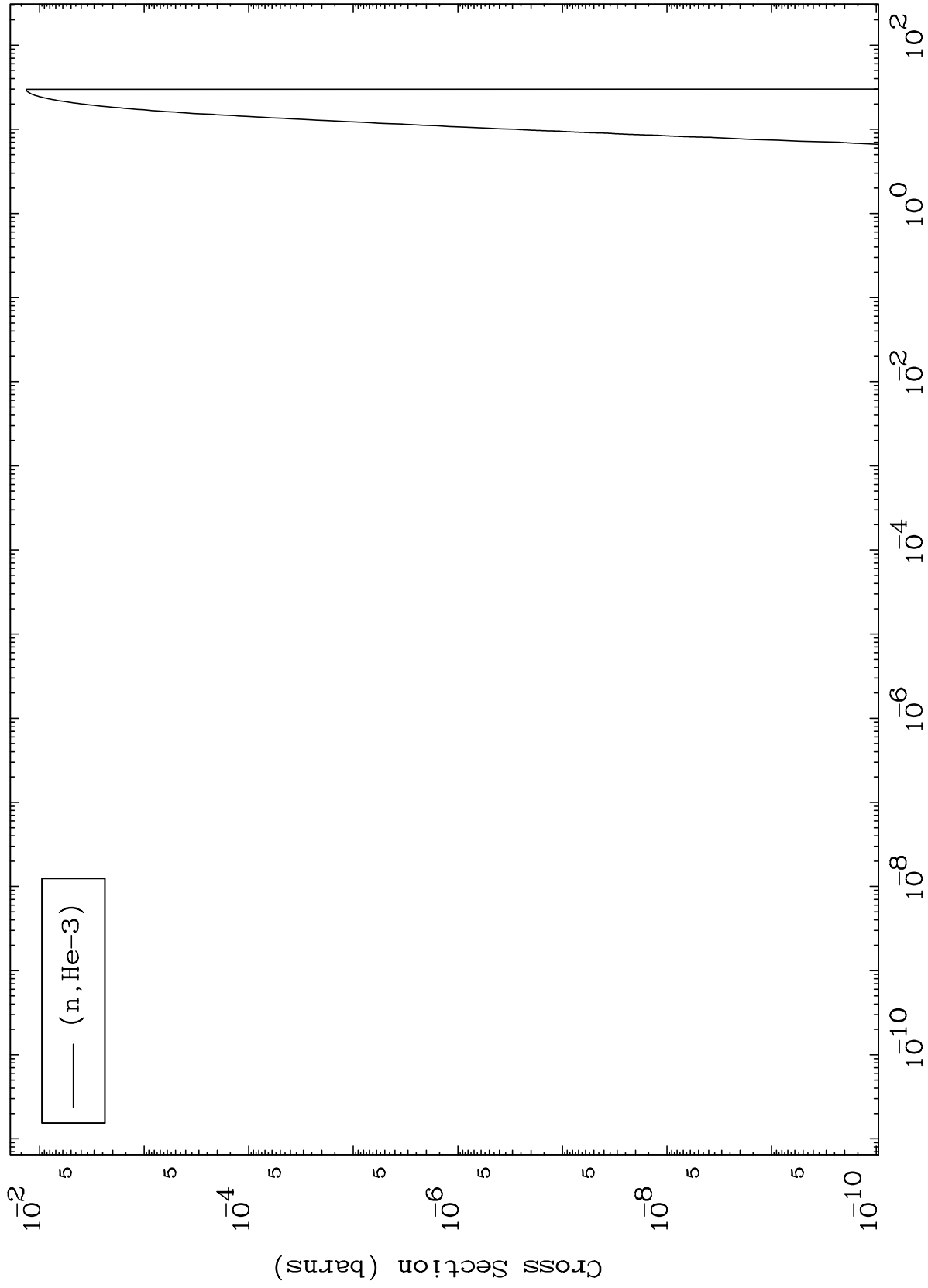
Incident Energy (MeV)

61-Pm-134

MAT 6111

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-134



12

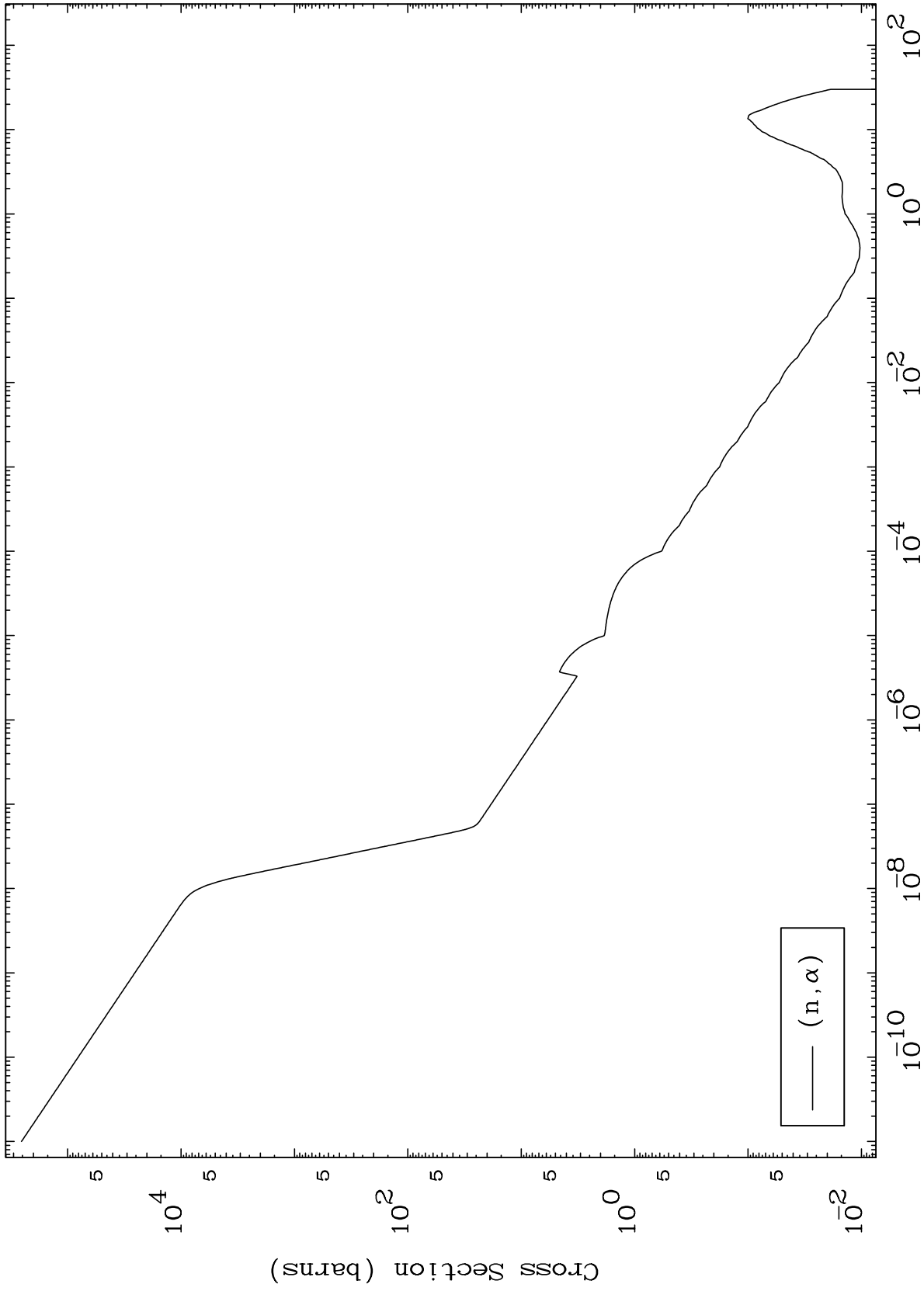
Incident Energy (MeV)

61-Pm-134

MAT 6111

(n,α) Levels
293 Kelvin Cross Sections

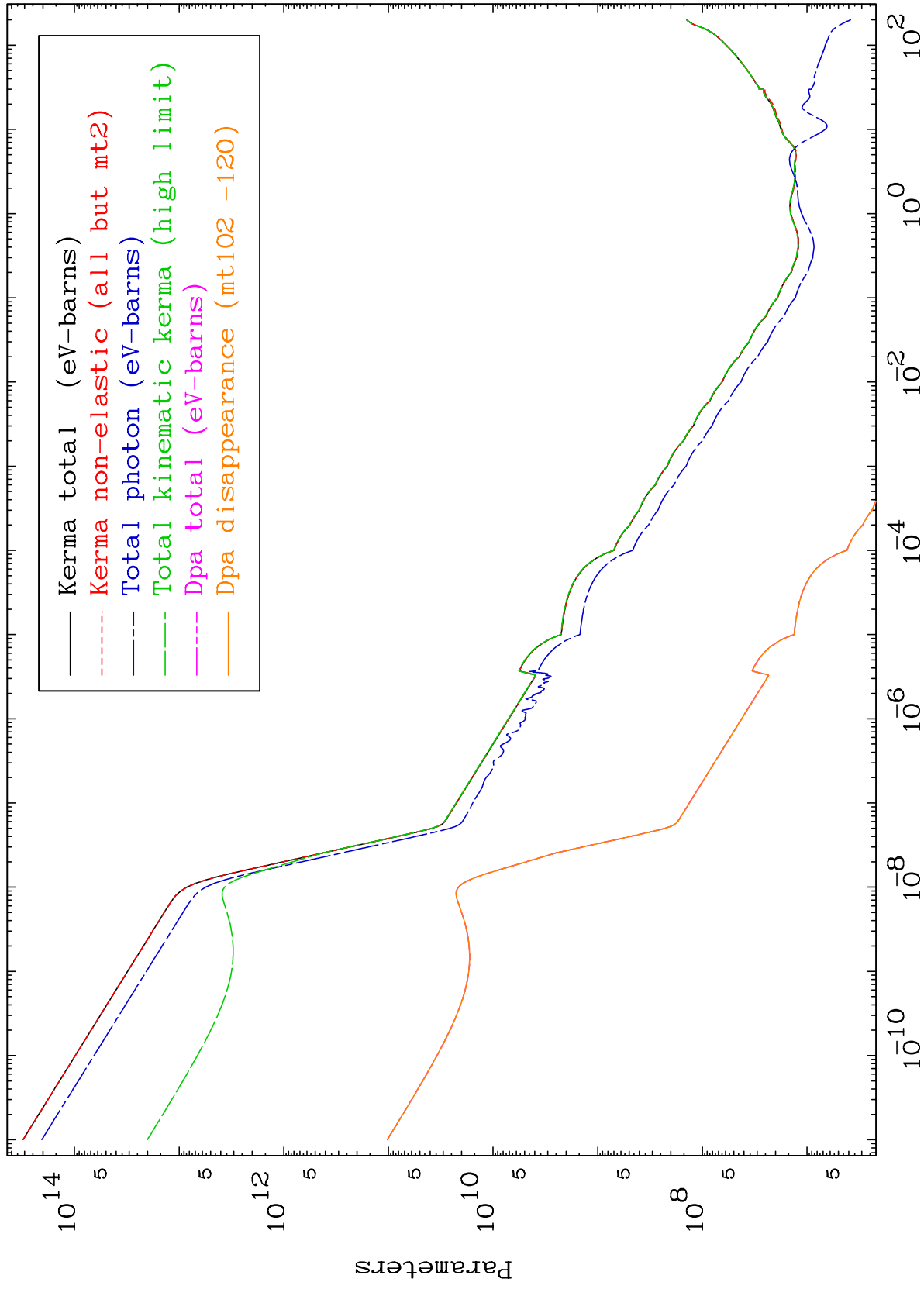
61-Pm-134



13

Incident Energy (MeV)

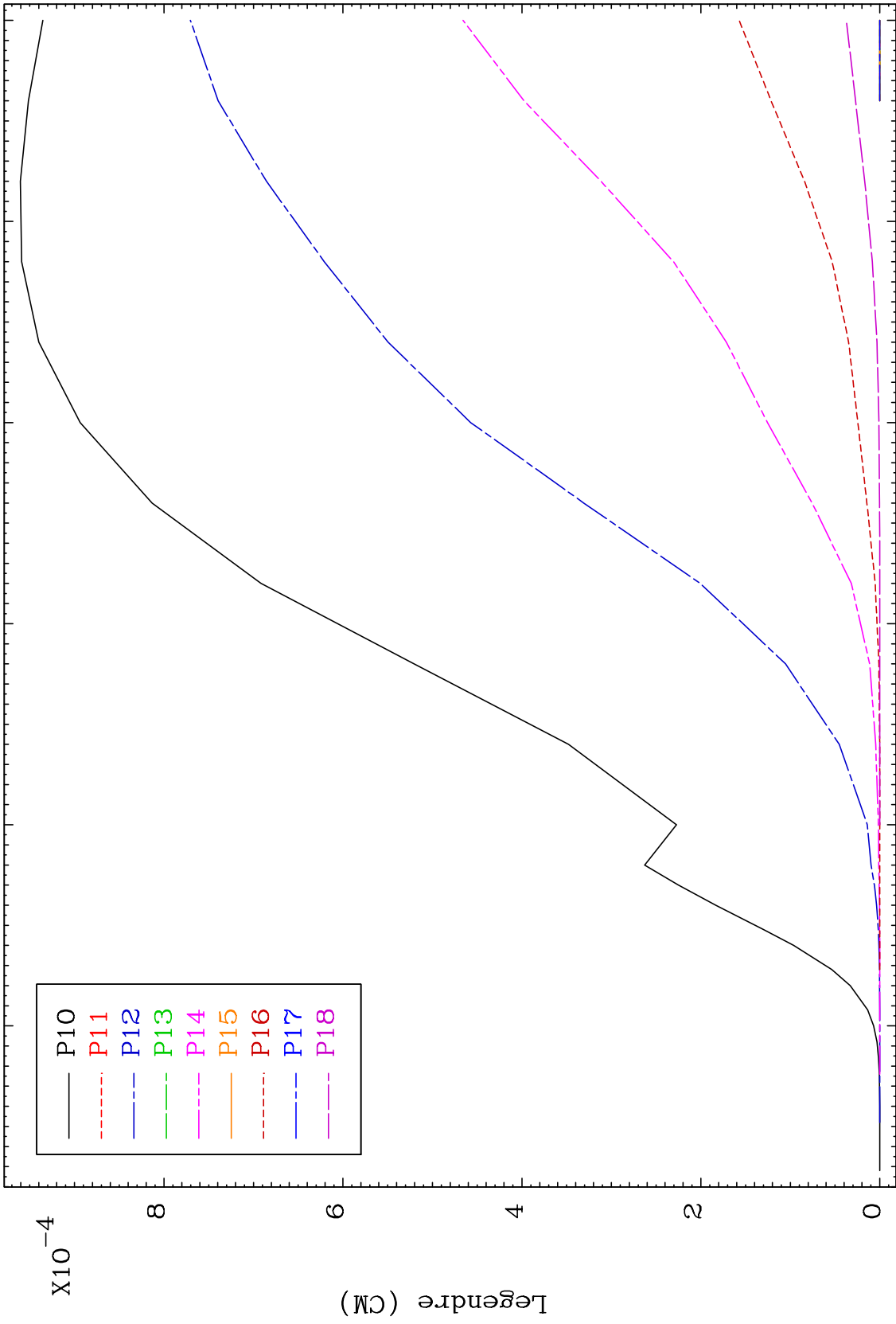
61-Pm-134



MAT 6111

Elastic Legendre Coefficients

61-Pm-134



16

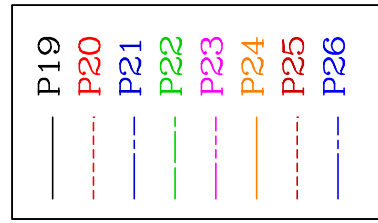
Incident Energy (MeV)

61-Pm-134

MAT 6111

Elastic
Legendre Coefficients

61-Pm-134



$\times 10^{-6}$
Legendre (CM)



17

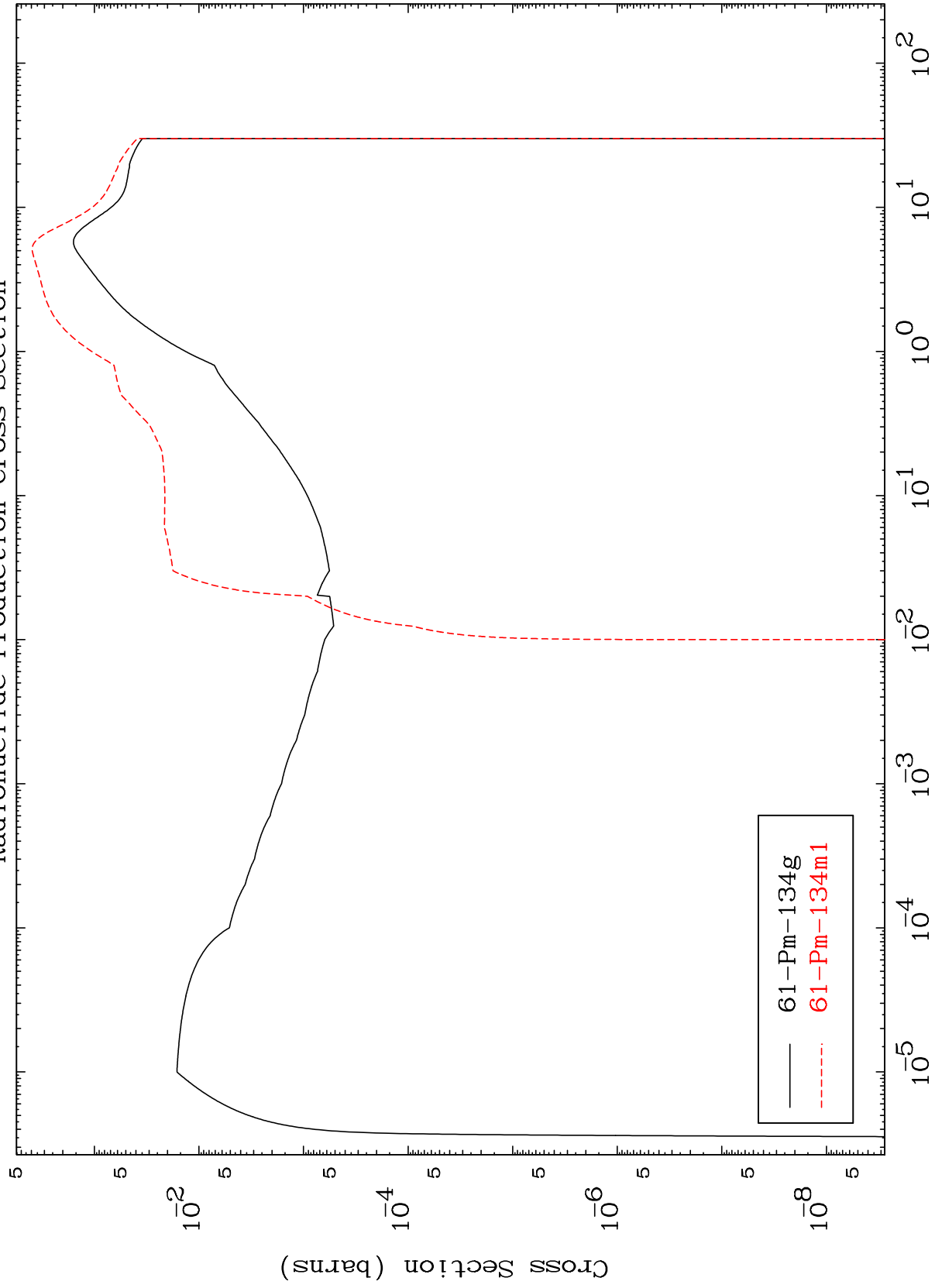
Incident Energy (MeV)

61-Pm-134

MAT 6111

Inelastic
Radionuclide Production Cross Section

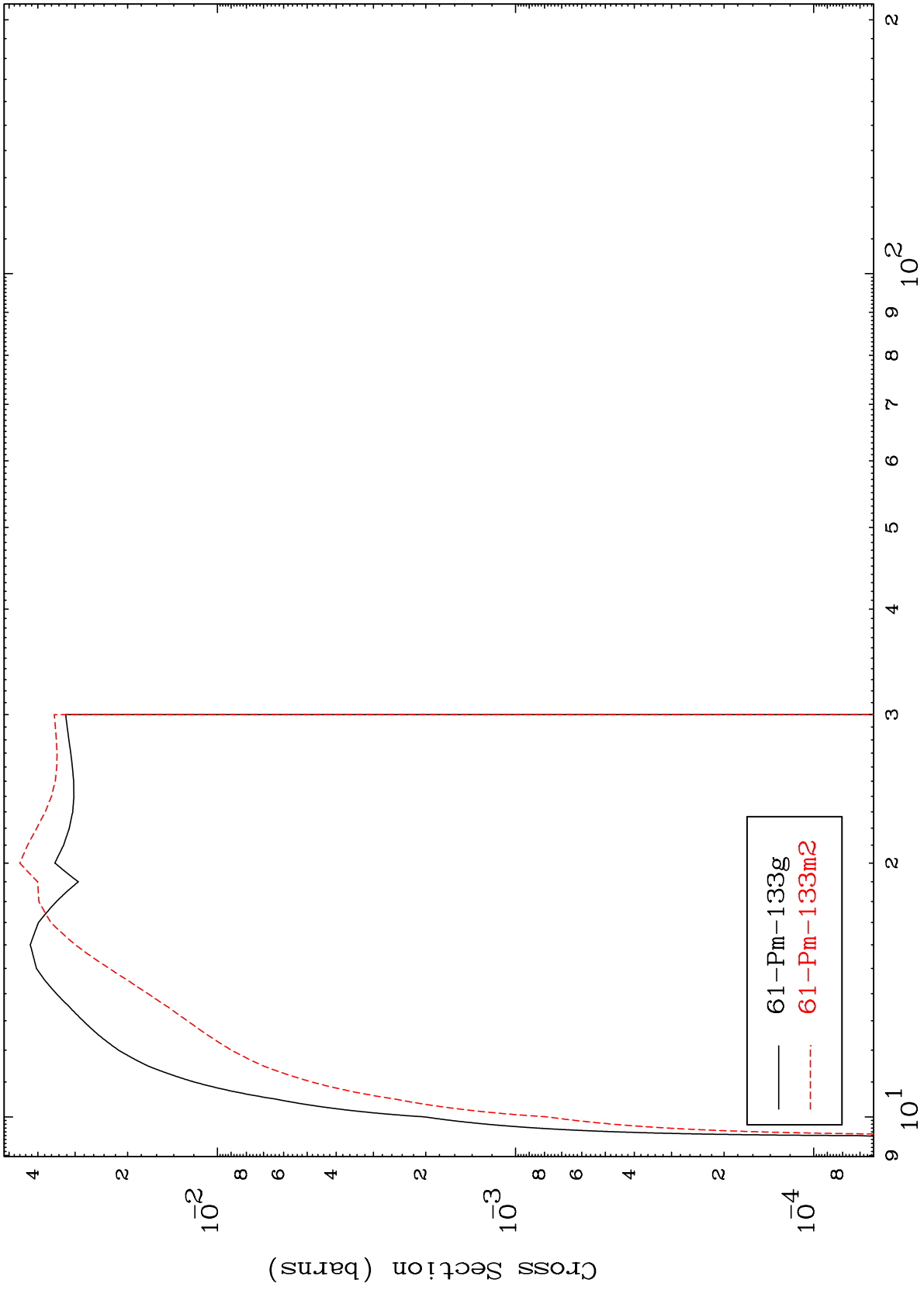
61-Pm-134



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61-Pm-134

(n,2n)
Radionuclide Production Cross Section



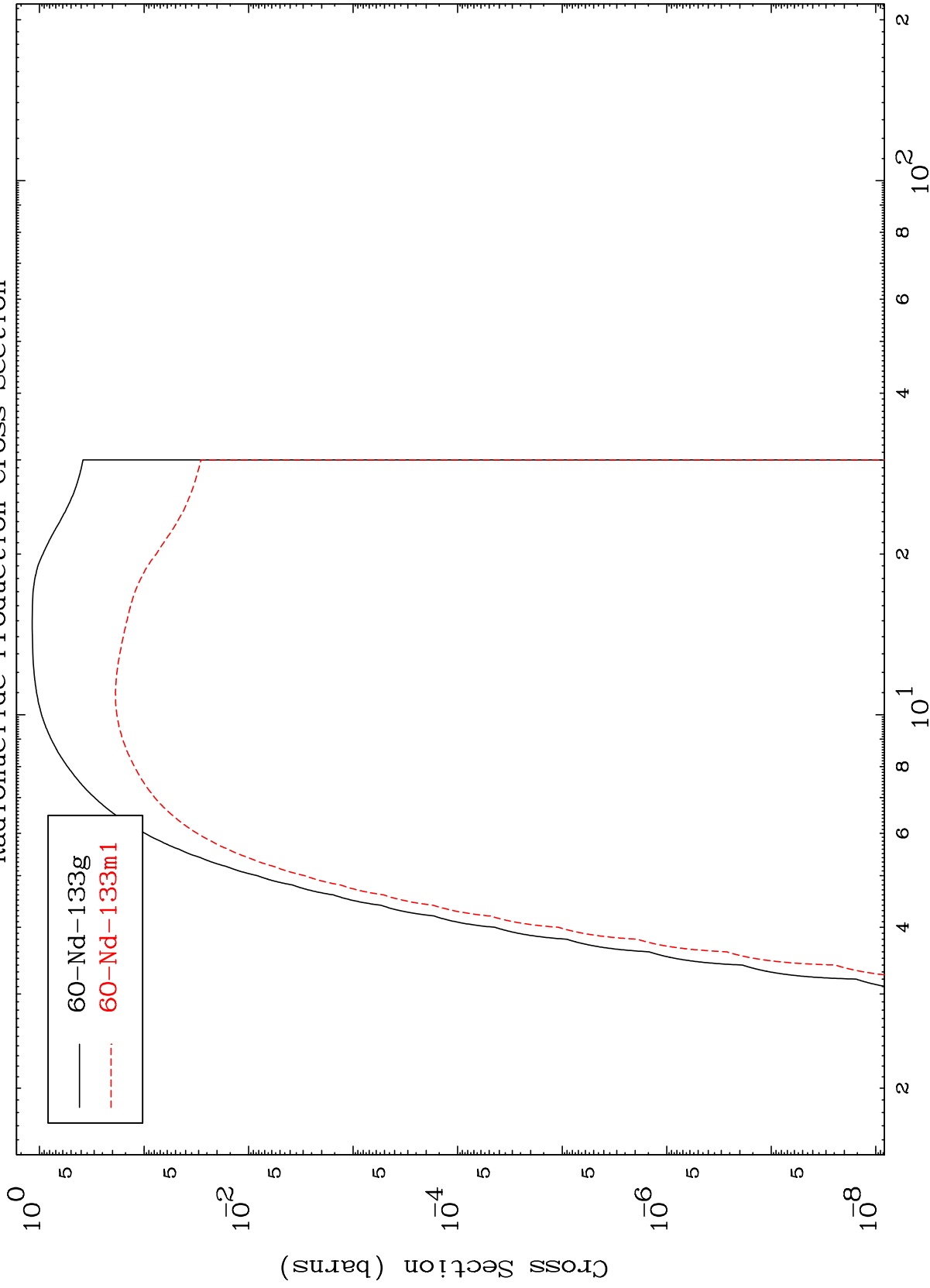
61-Pm-133g
61-Pm-133m2

MAT 6111

(n,n') p

61-Pm-134

Radionuclide Production Cross Section



20

Incident Energy (MeV)

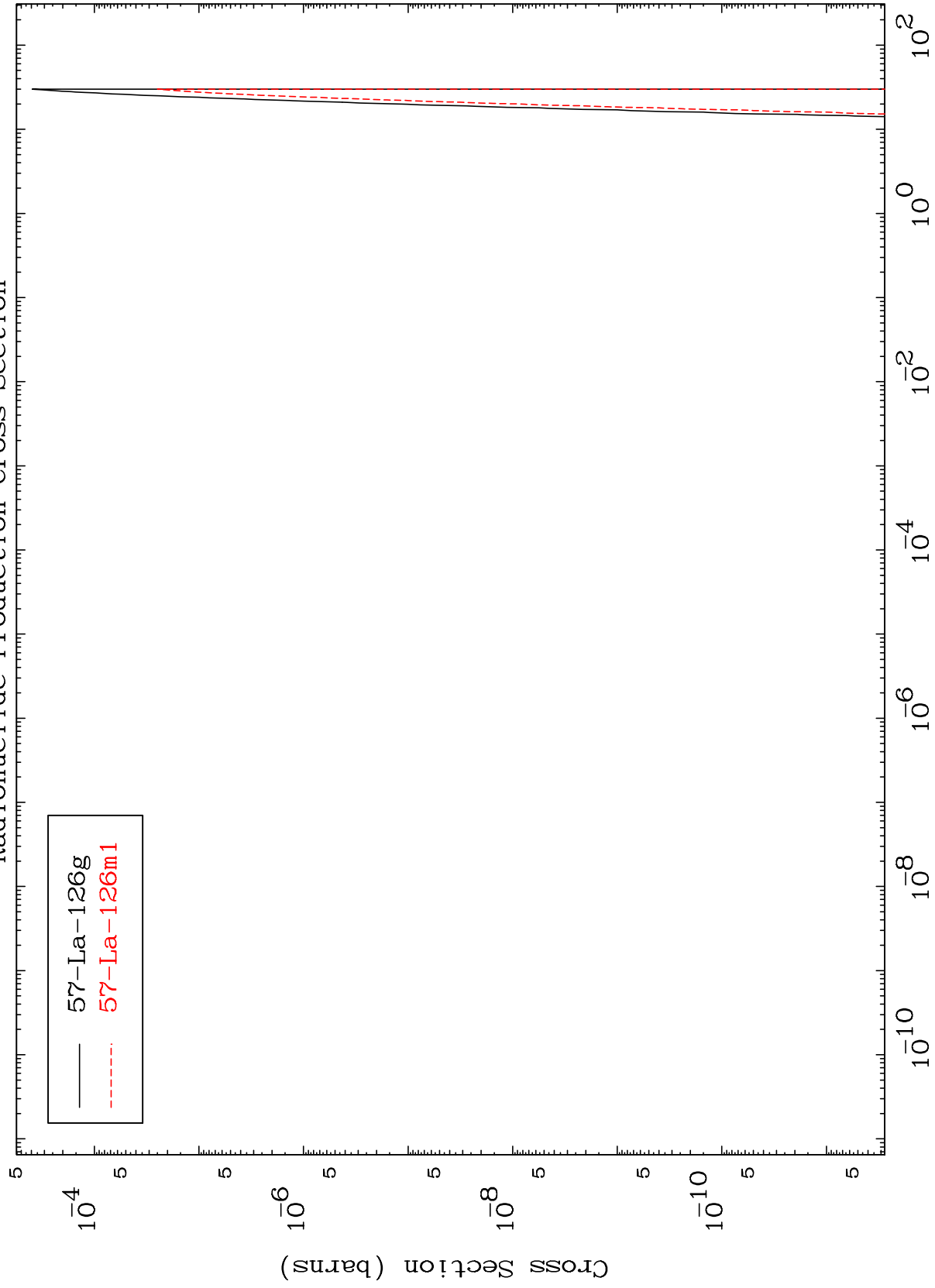
61-Pm-134

MAT 6111

(n,n') 2 α

61-Pm-134

Radionuclide Production Cross Section



21

Incident Energy (MeV)

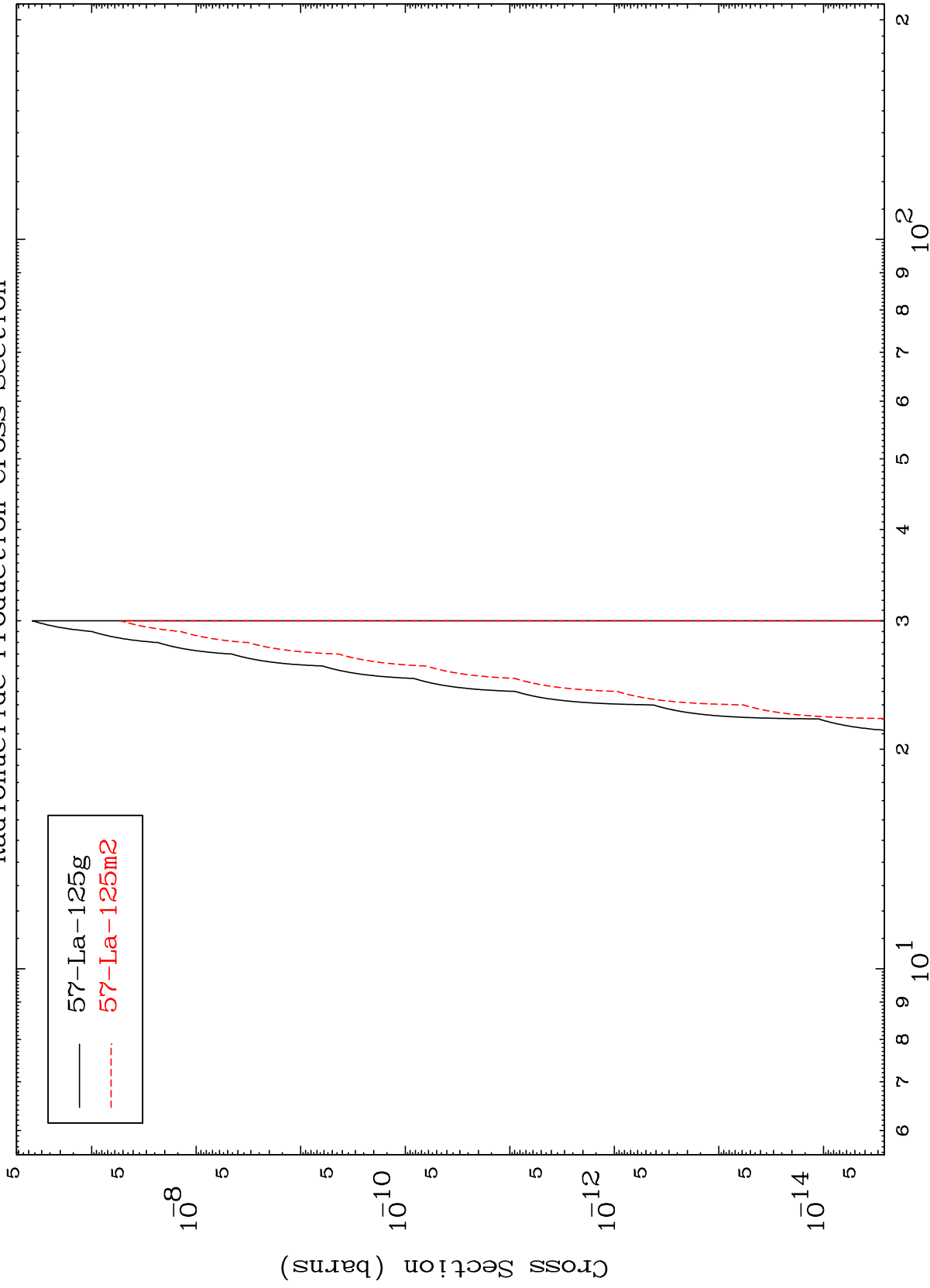
61-Pm-134

MAT 6111

(n,2n) 2α

61-Pm-134

Radionuclide Production Cross Section



57-La-125g
57-La-125m2

22

Incident Energy (MeV)

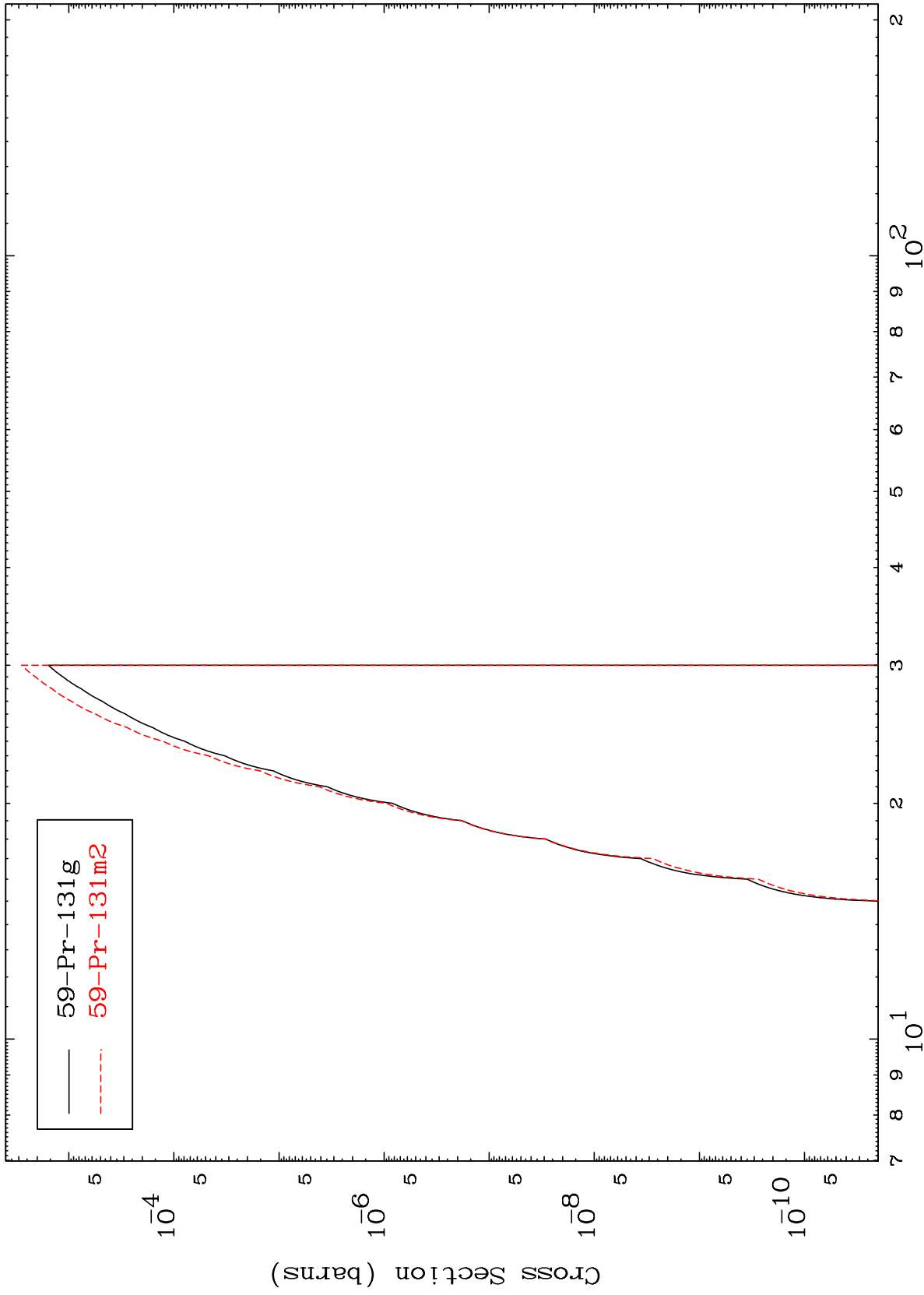
61-Pm-134

MAT 6111

(n, n') He-3

61-Pm-134

Radionuclide Production Cross Section



23

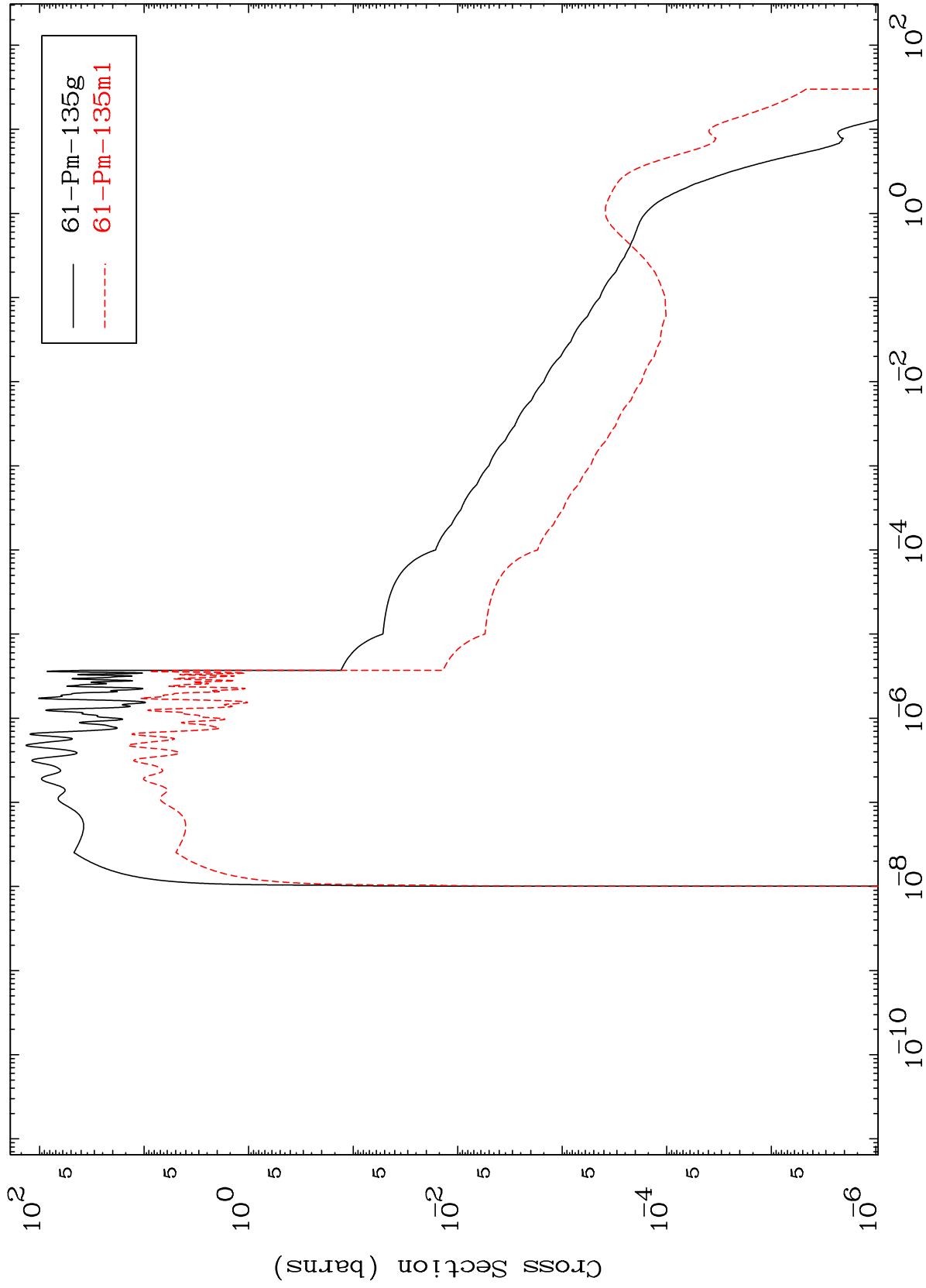
Incident Energy (MeV)

61-Pm-134

MAT 6111

61-Pm-134

Radionuclide Production Cross Section



24

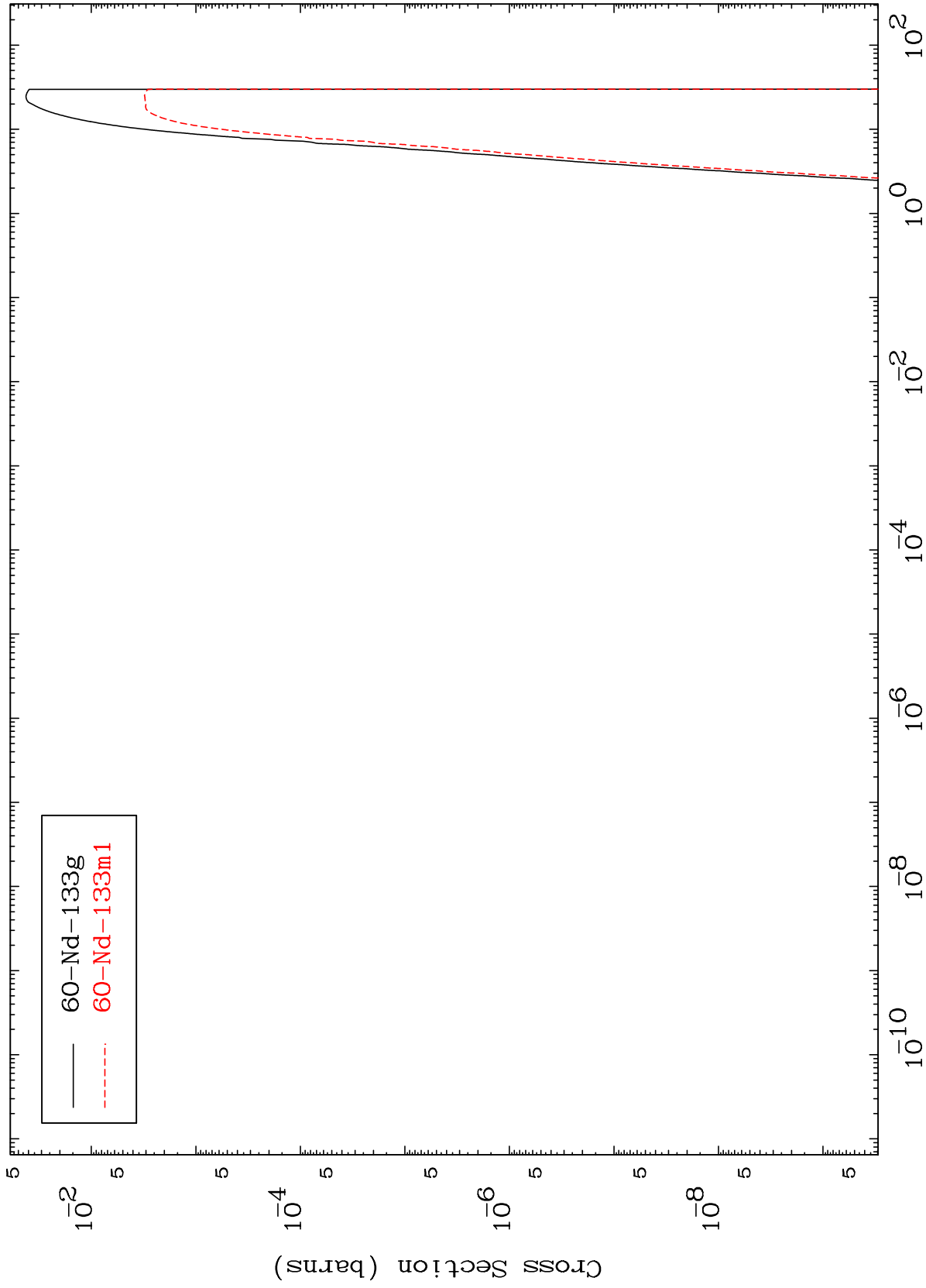
61-Pm-134

MAT 6111

(n,d)

61-Pm-134

Radionuclide Production Cross Section

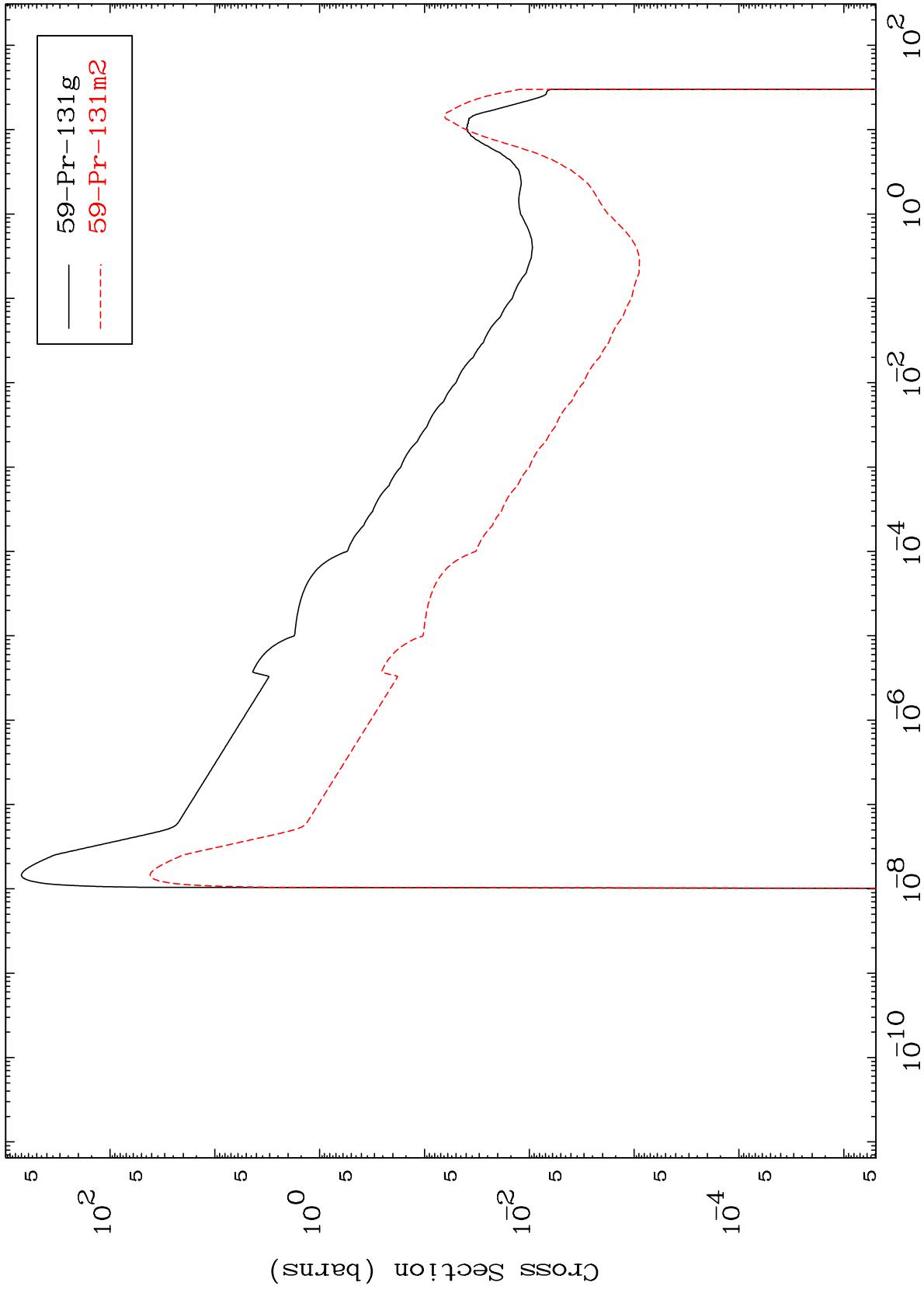


60-Nd-133g
60-Nd-133m1

MAT 6111

61-Pm-134

Radionuclide Production Cross Section



26

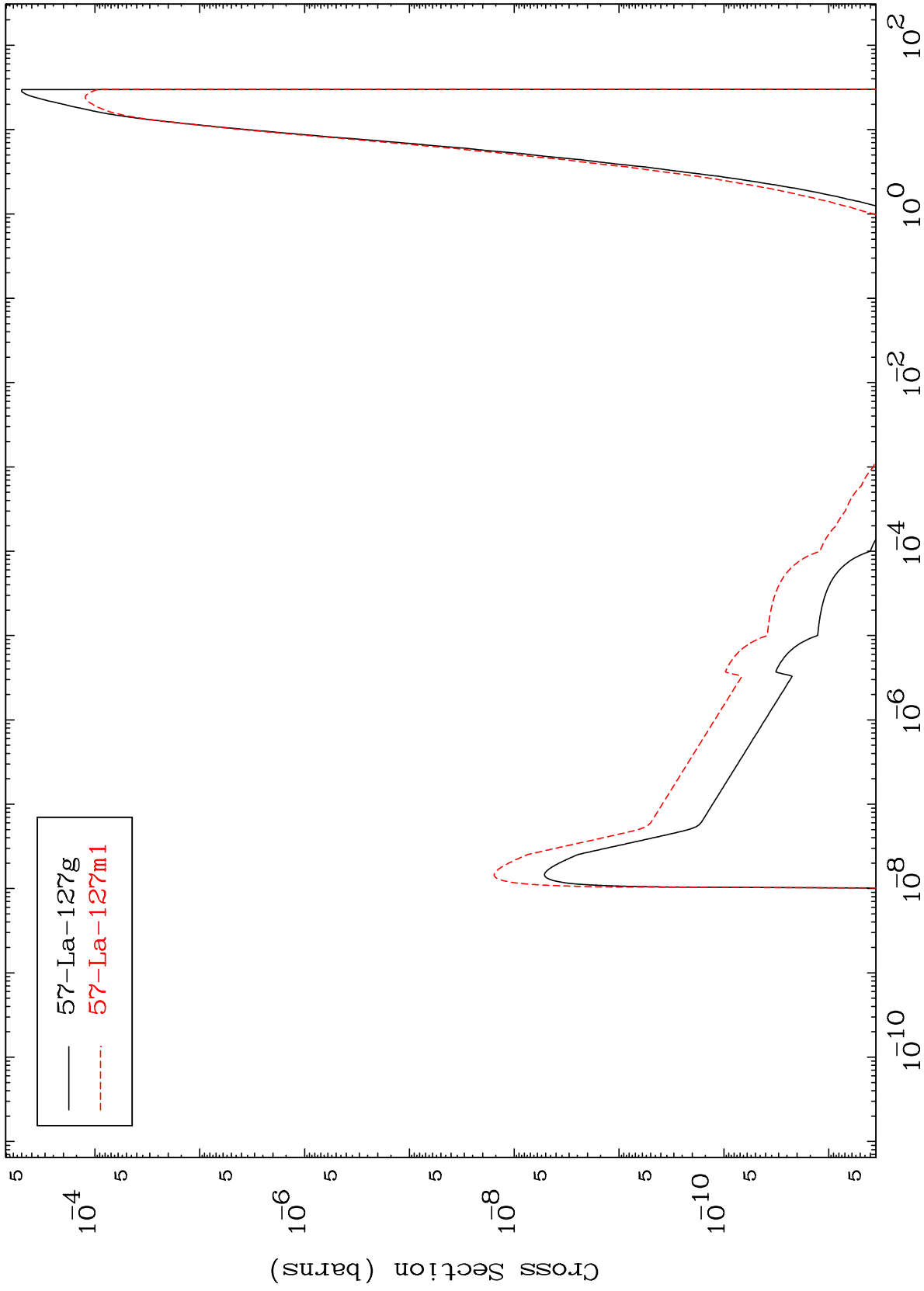
61-Pm-134

MAT 6111

(n,2α)

61-Pm-134

Radionuclide Production Cross Section



27

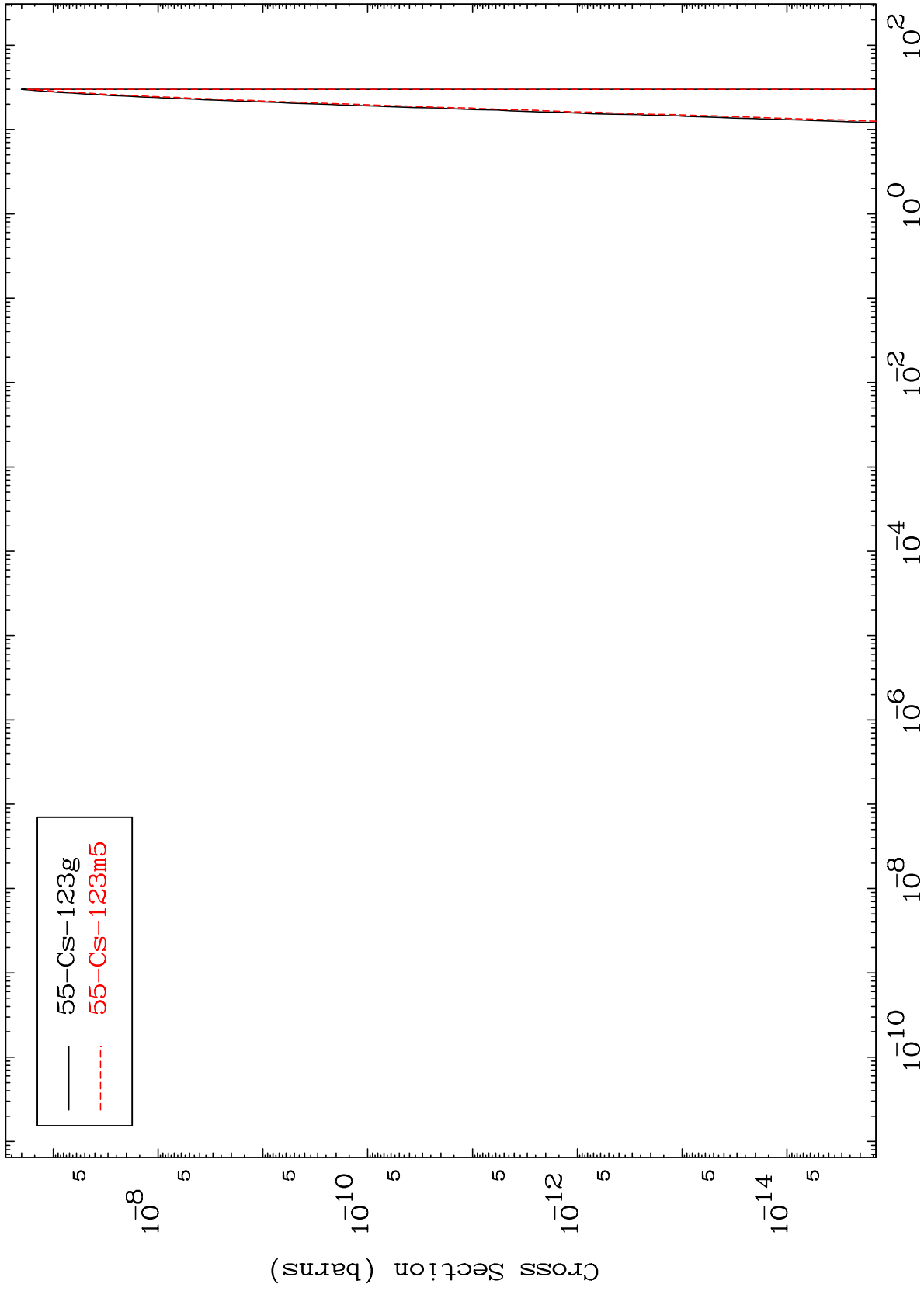
61-Pm-134

MAT 6111

(n,3α)

61-Pm-134

Radionuclide Production Cross Section



28

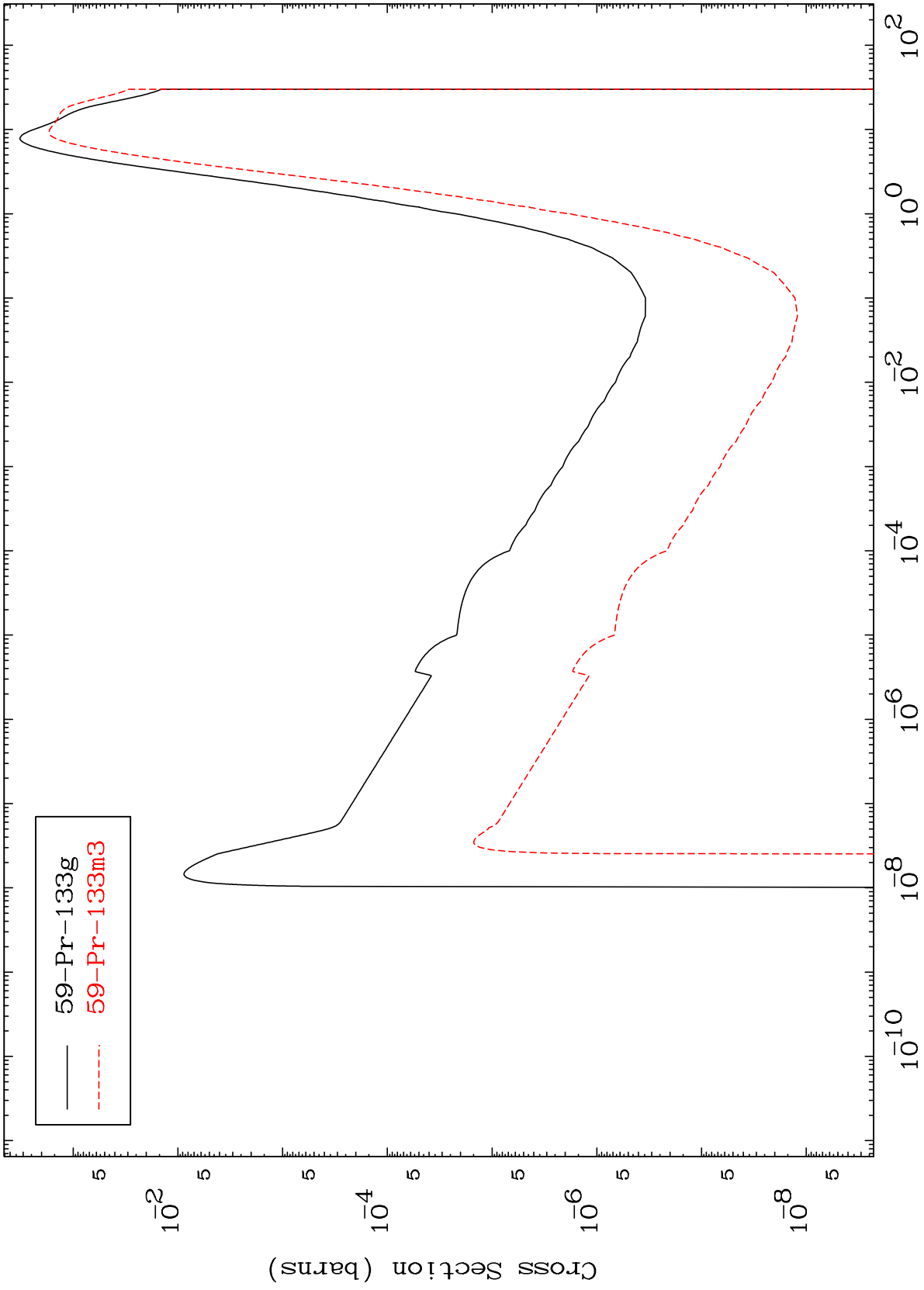
Incident Energy (MeV)

61-Pm-134

MAT 6111

Radionuclide Production Cross Section
(n,2p)

61-Pm-134



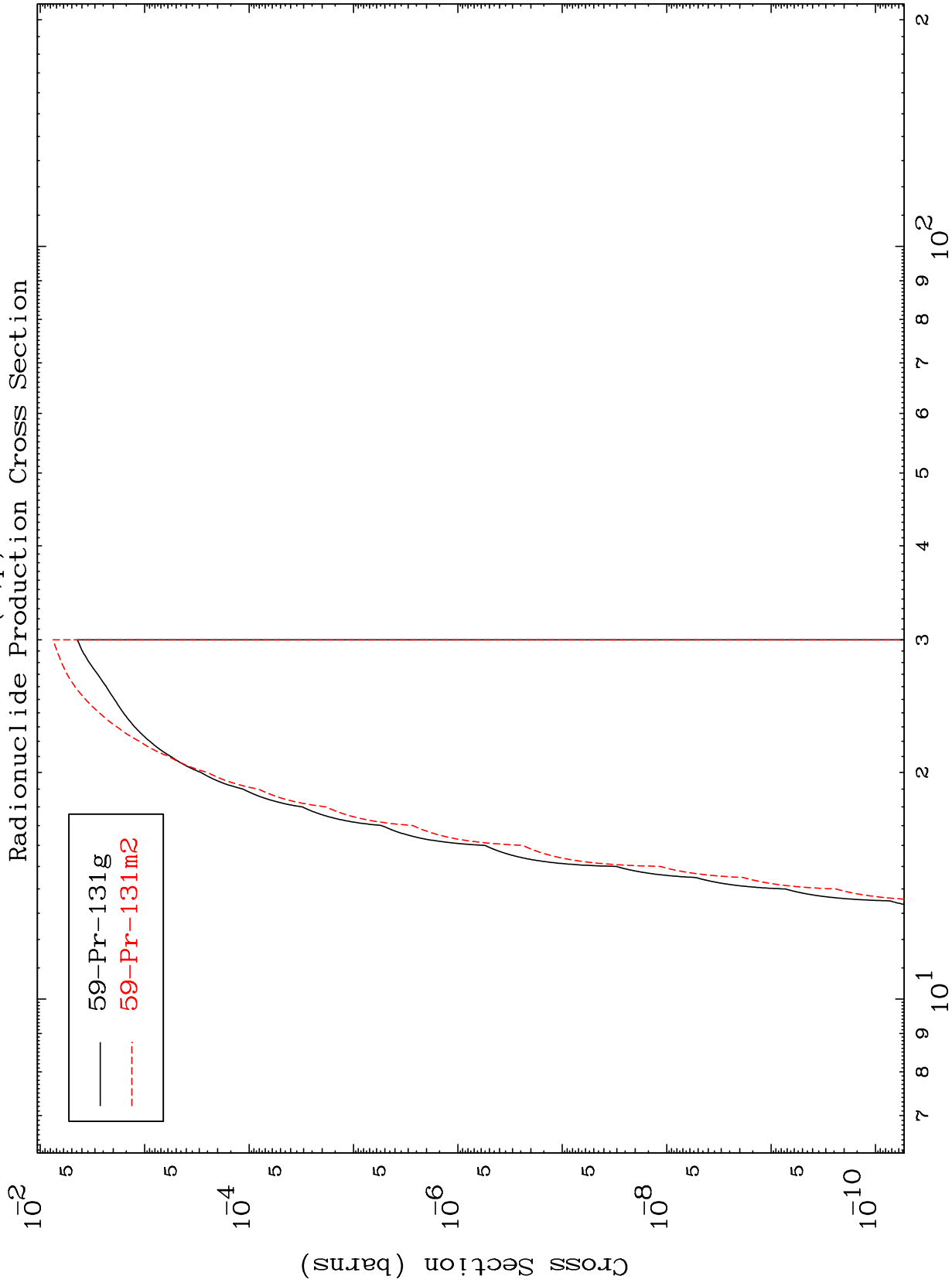
29

61-Pm-134

MAT 6111

(n,p) t

61-Pm-134



30

Incident Energy (MeV)

61-Pm-134