

Program EVALPLOT
(Version 2018-1)

by

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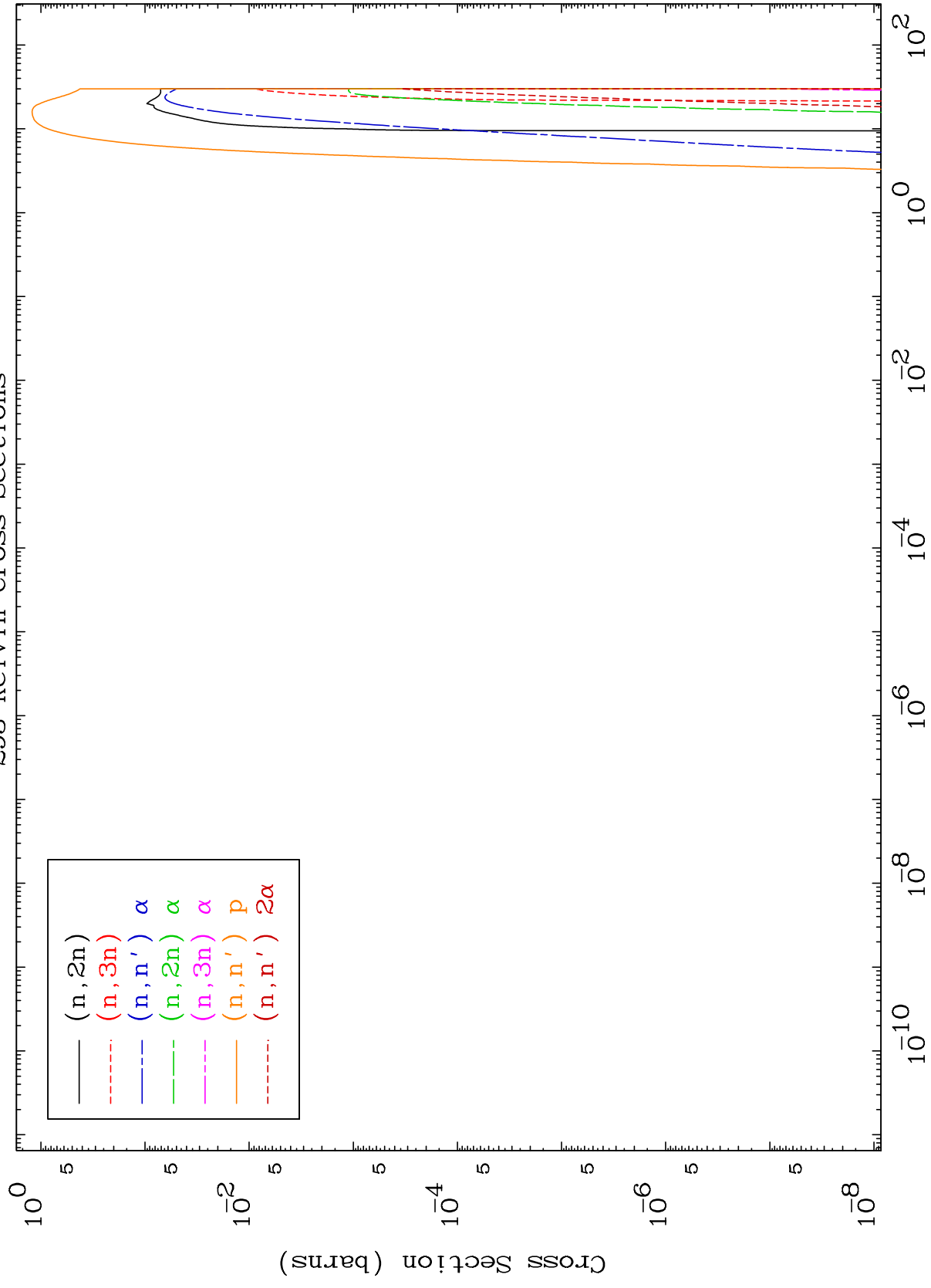
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6110

Neutron Production
293 Kelvin Cross Sections

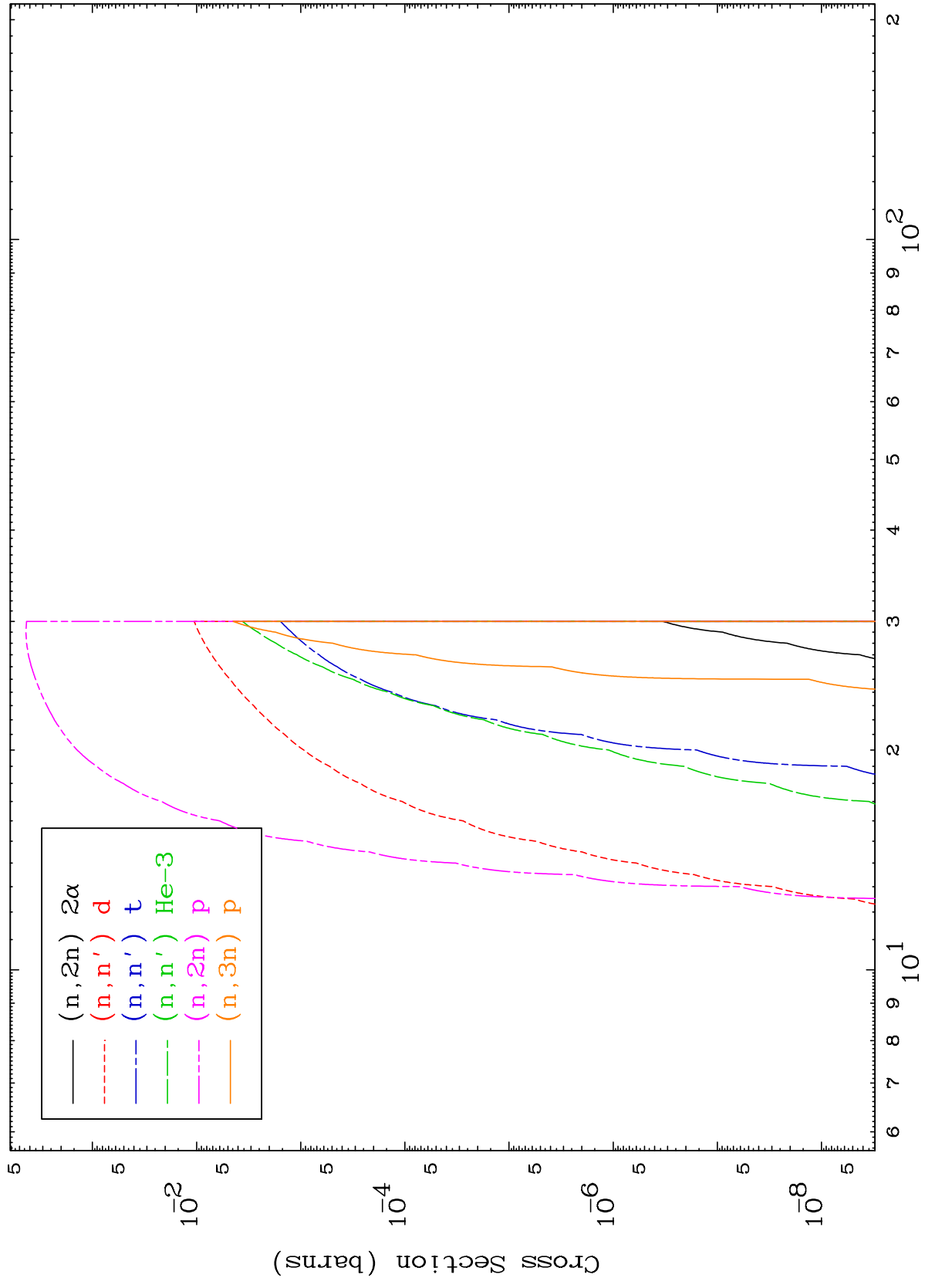
61-Pm-134



MAT 6110

Neutron Production
293 Kelvin Cross Sections

61-Pm-134



3

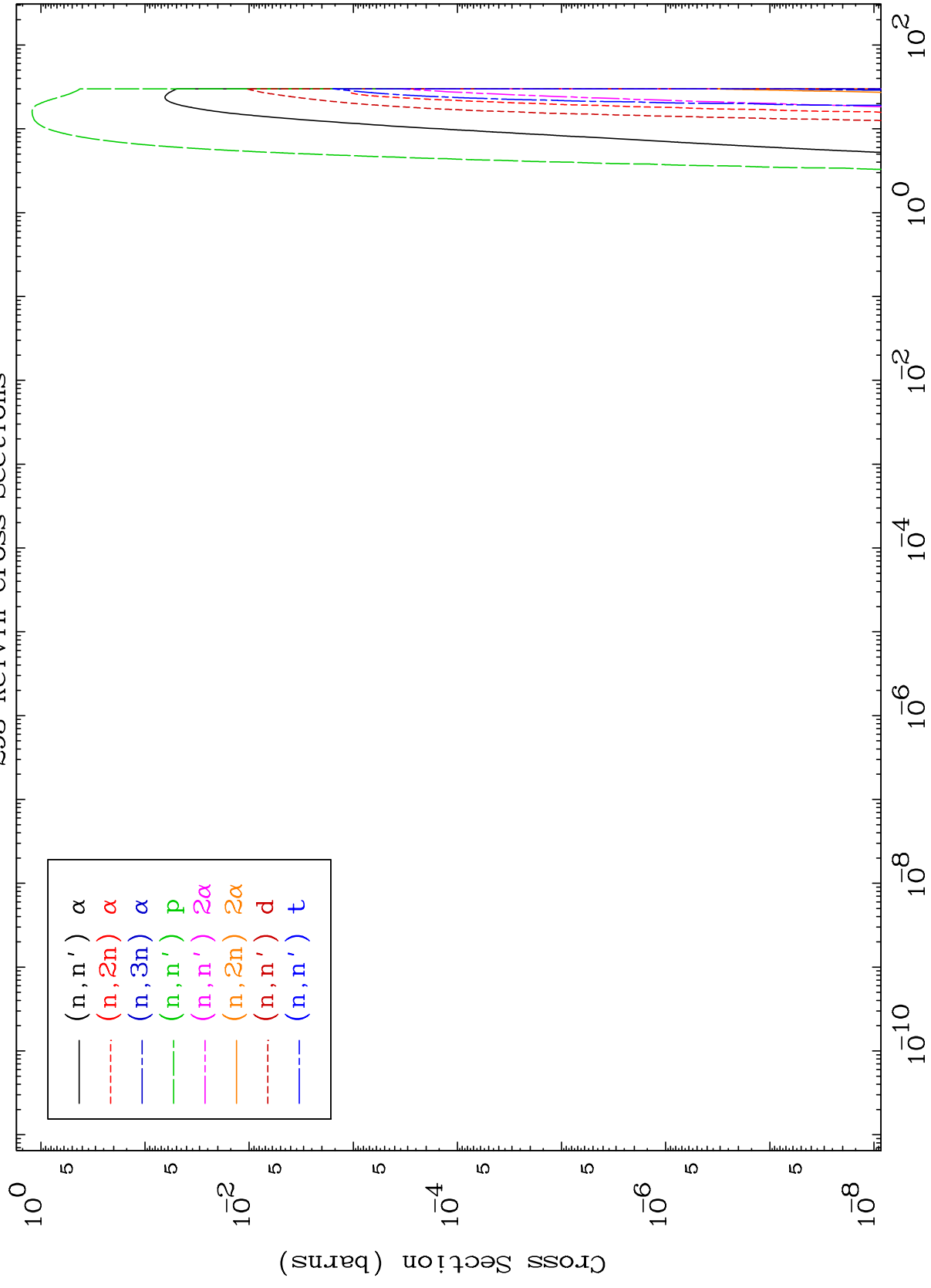
Incident Energy (MeV)

61-Pm-134

MAT 6110

293 Kelvin Cross Sections

61-Pm-134

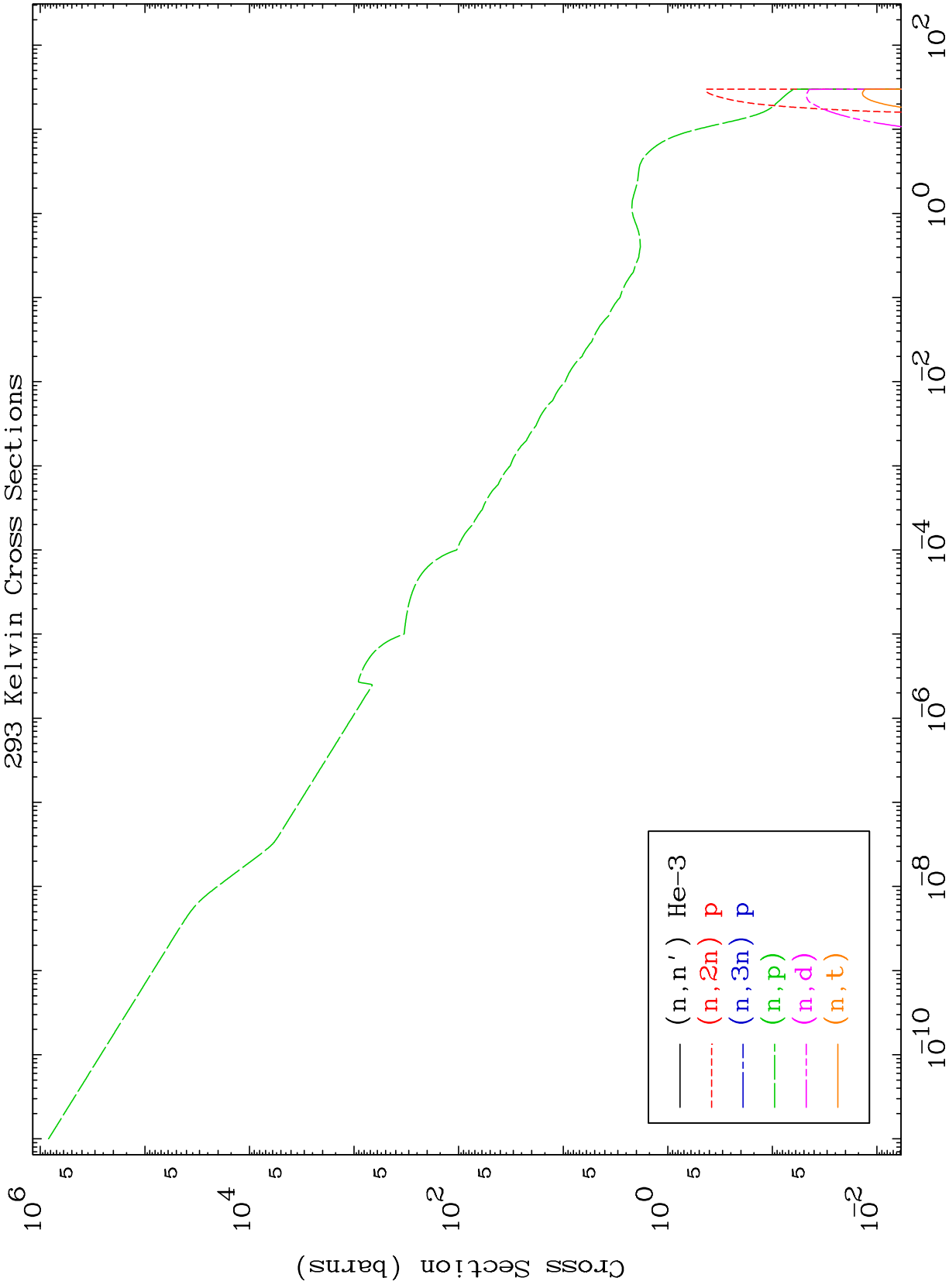


61-Pm-134

MAT 6110

293 Kelvin Cross Sections

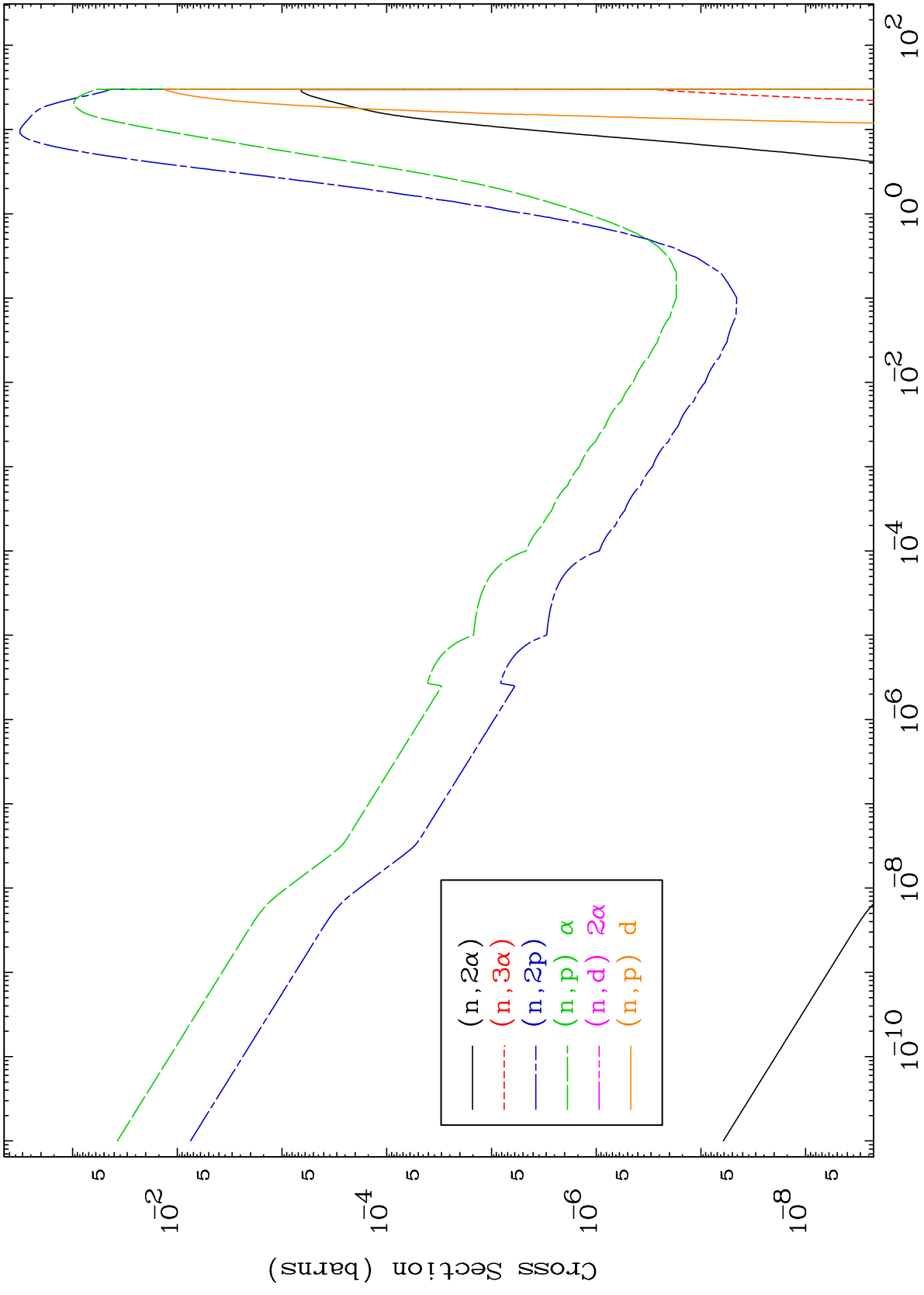
61-Pm-134



MAT 6110

Charged Particle
293 Kelvin Cross Sections

61-Pm-134

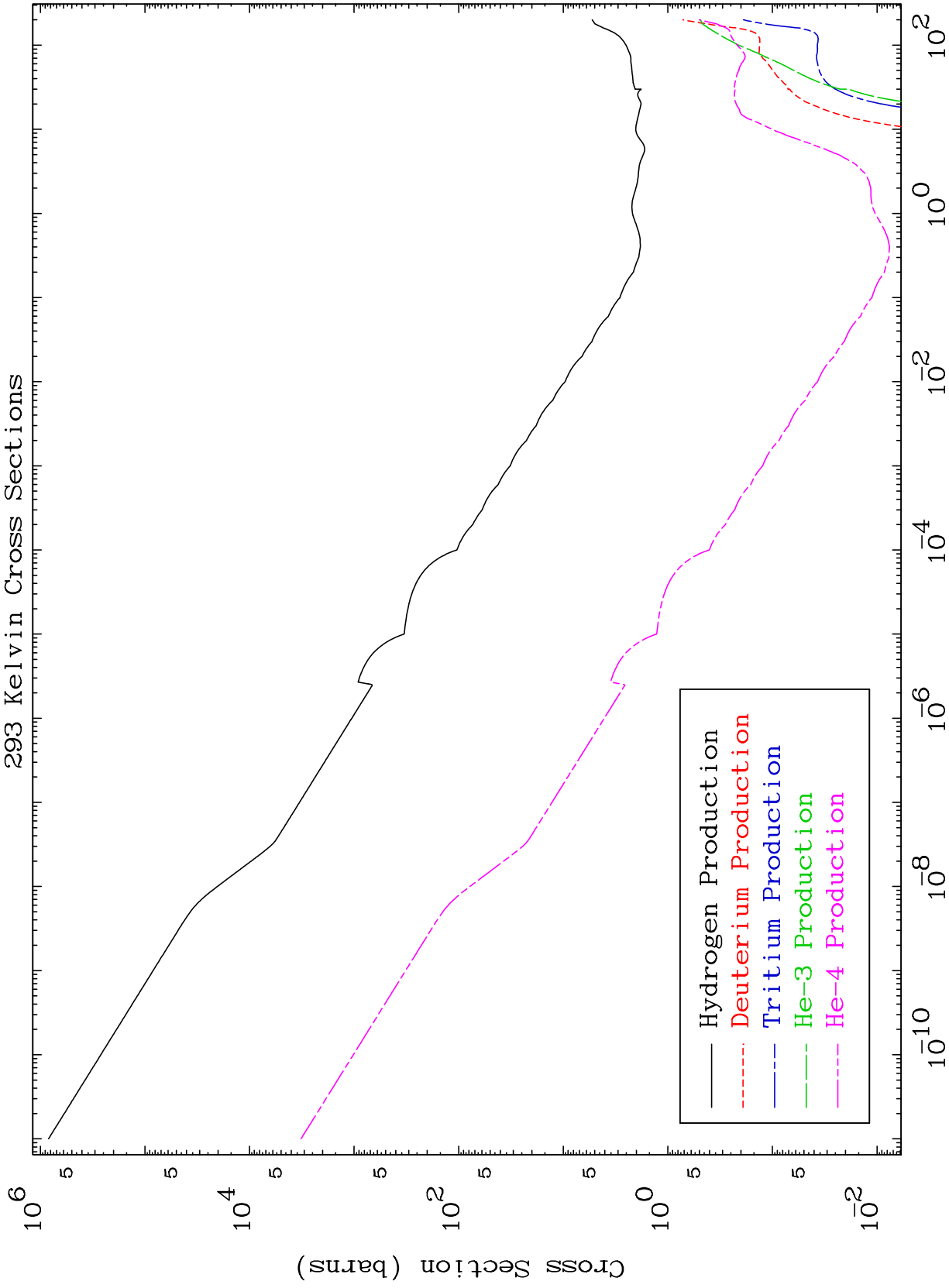


61-Pm-134

MAT 6110

Particle Production
293 Kelvin Cross Sections

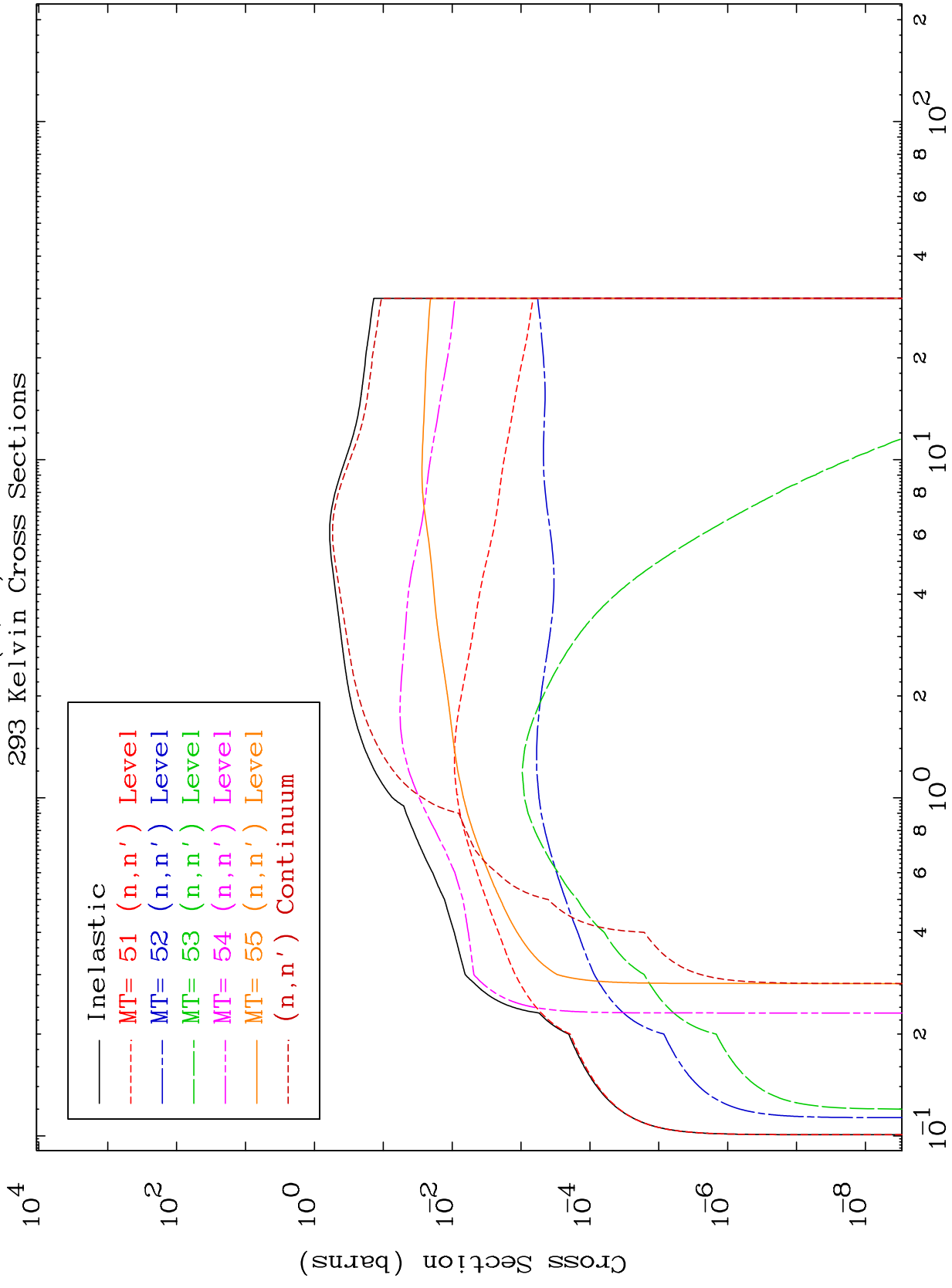
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MAT 6110

293 Kelvin Cross Sections
(n,n') Level

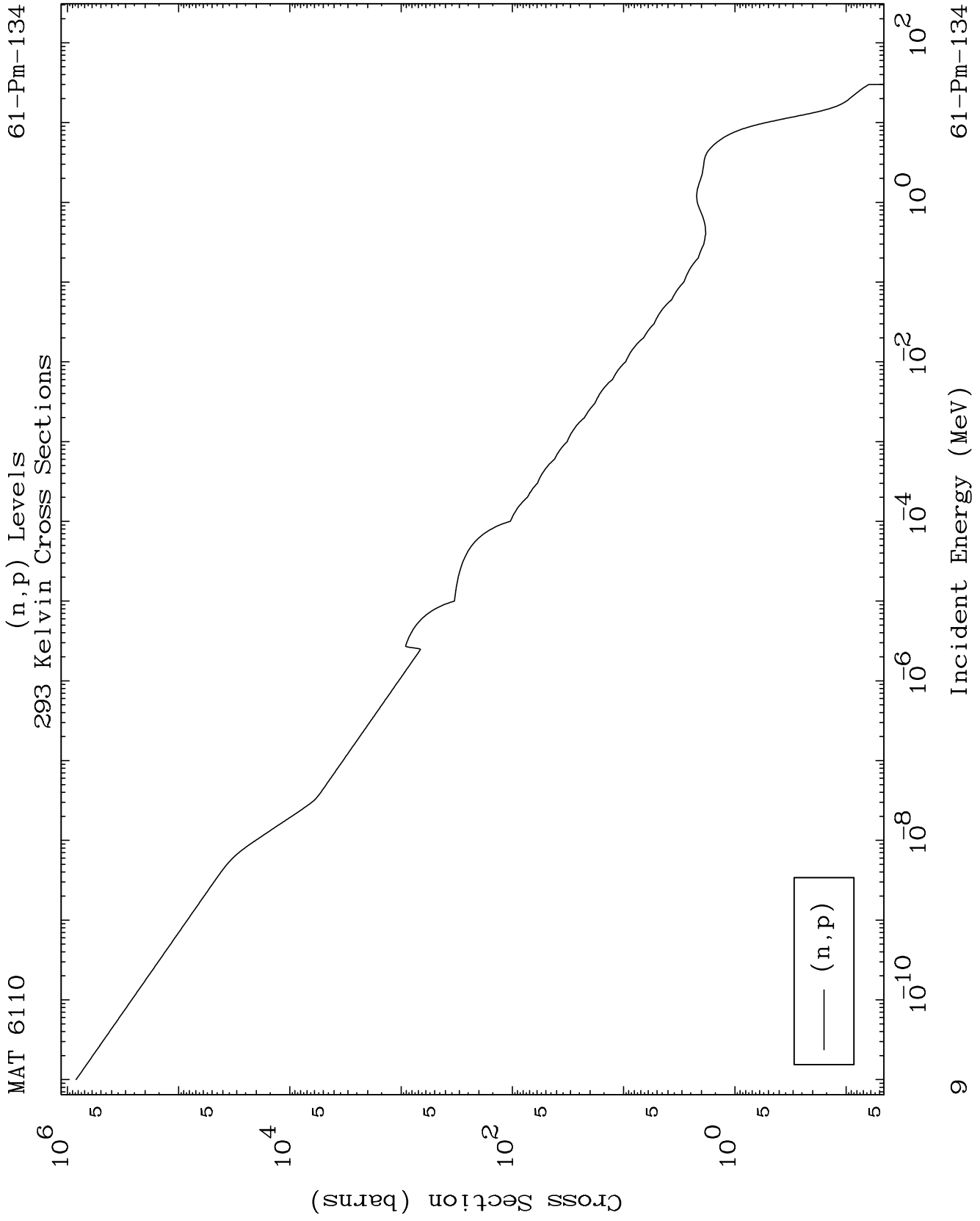
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8

Incident Energy (MeV)

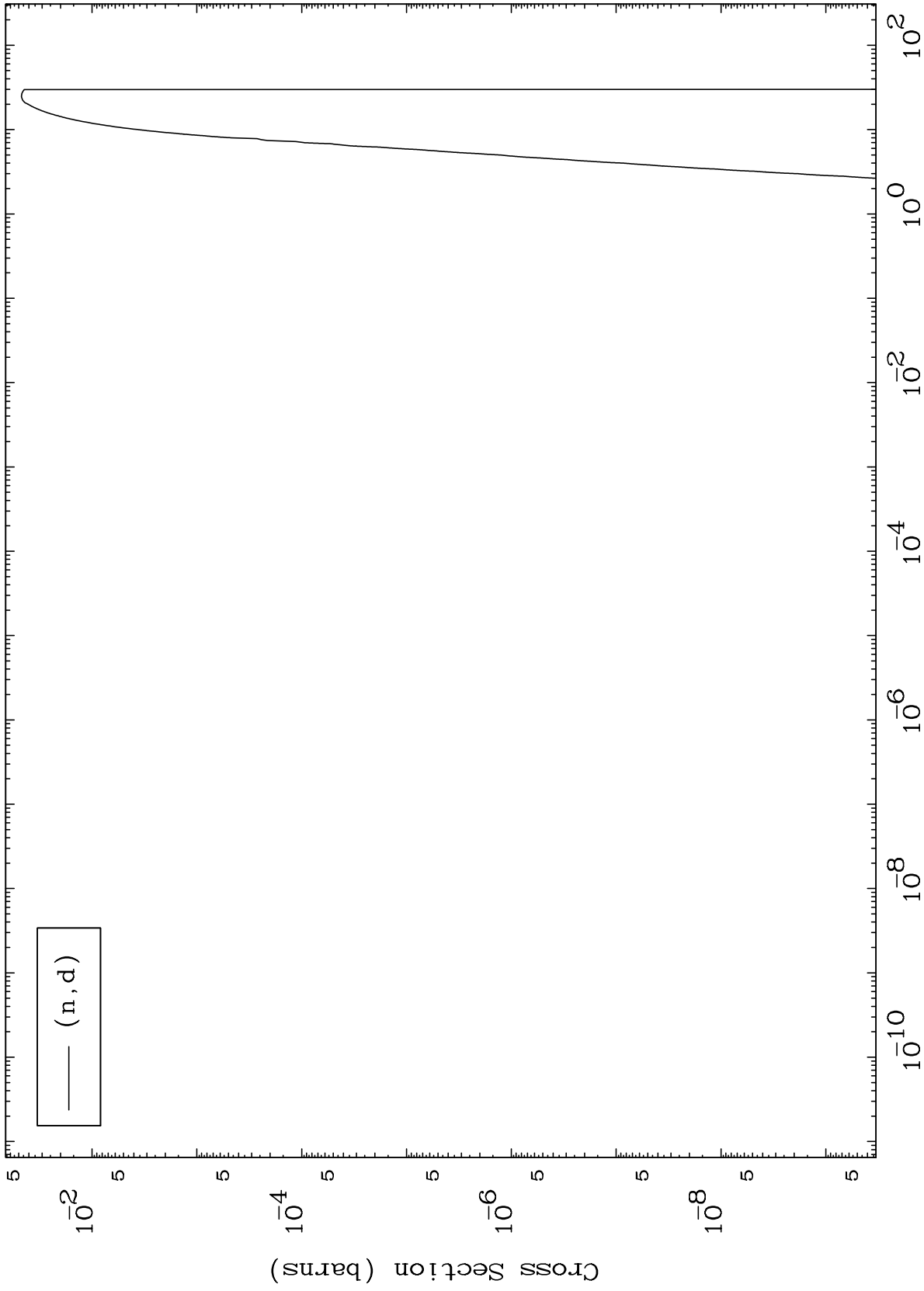
61-Pm-134



MAT 6110

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-134



10

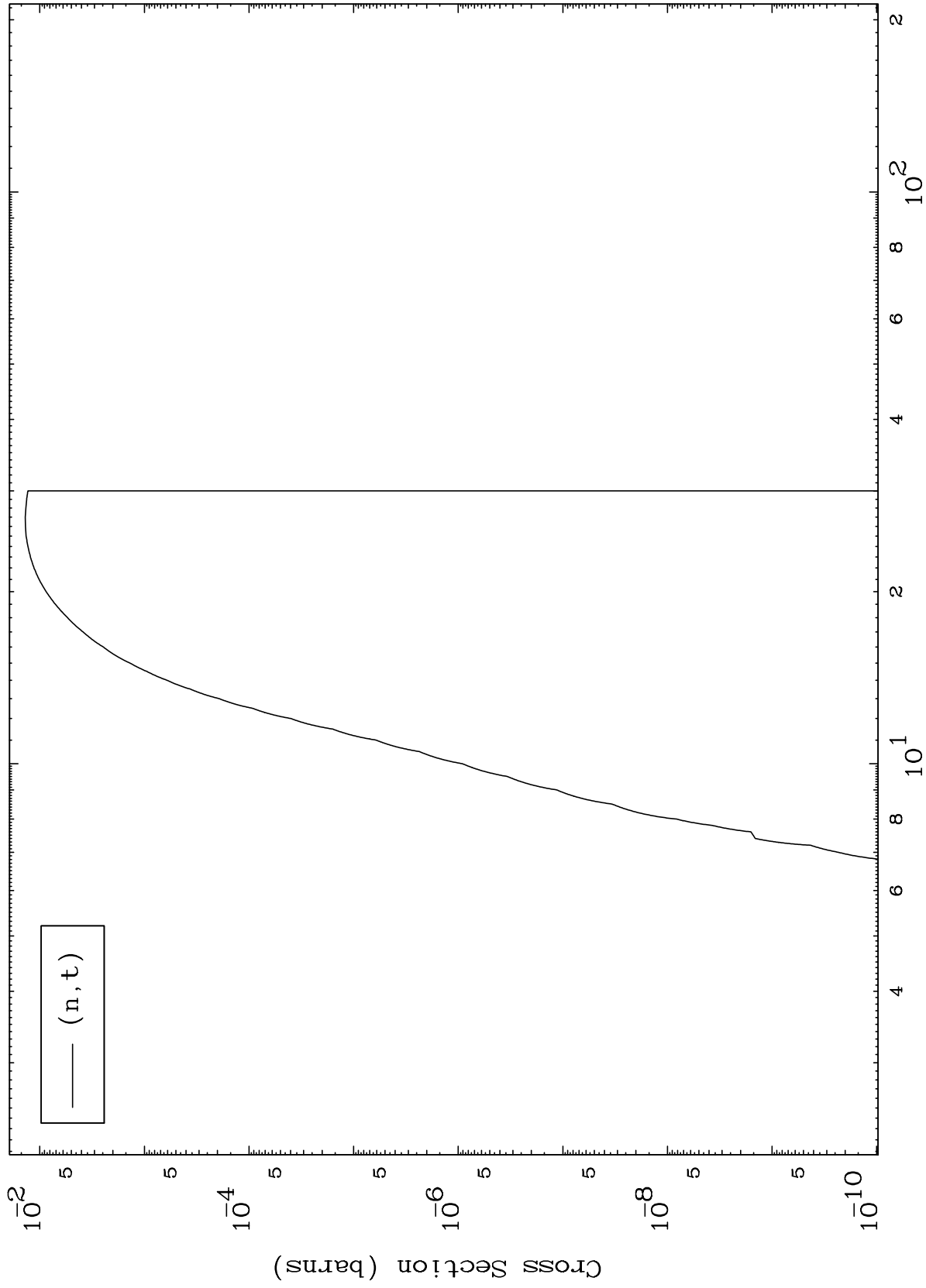
Incident Energy (MeV)

61-Pm-134

MAT 6110

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-134



11

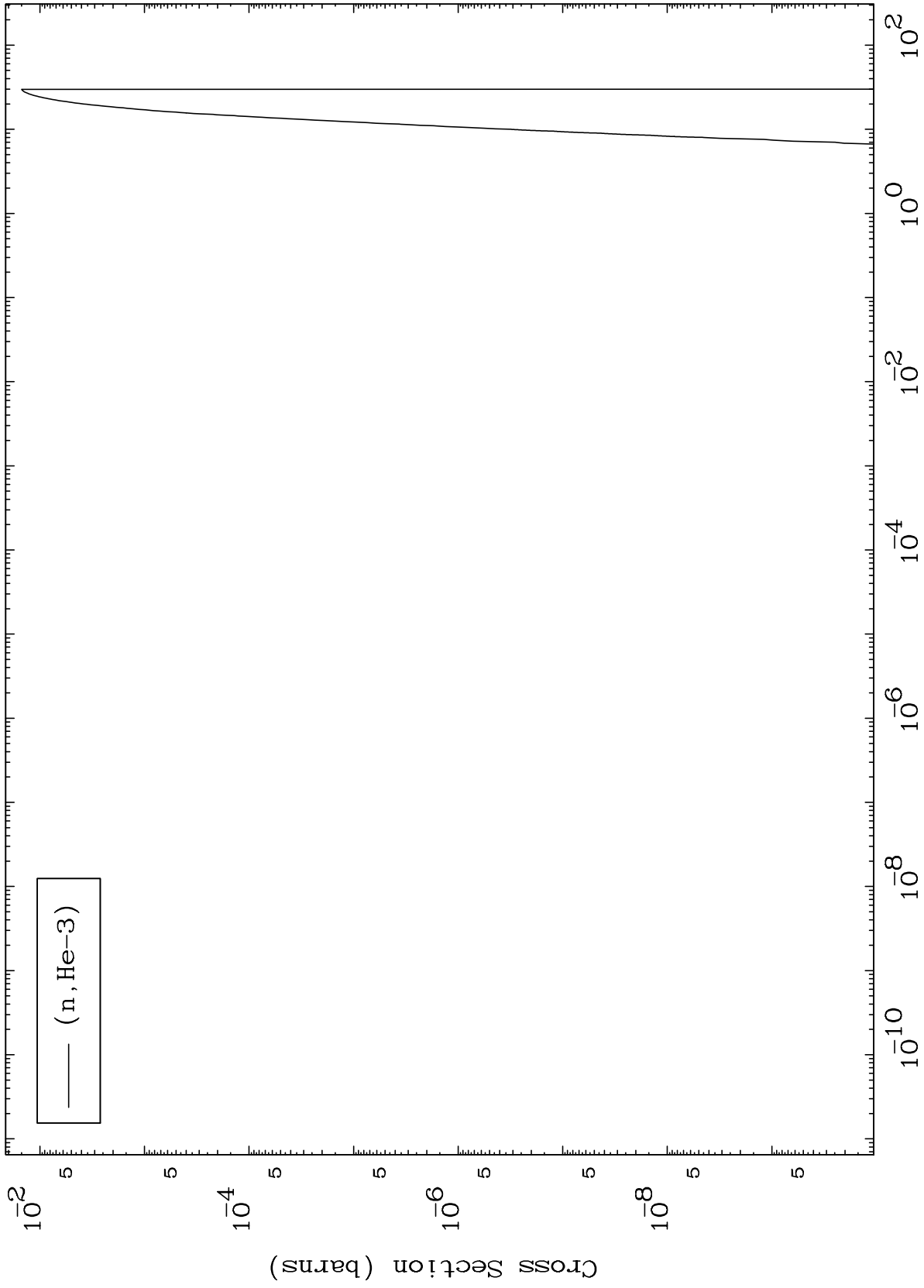
Incident Energy (MeV)

61-Pm-134

MAT 6110

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-134



12

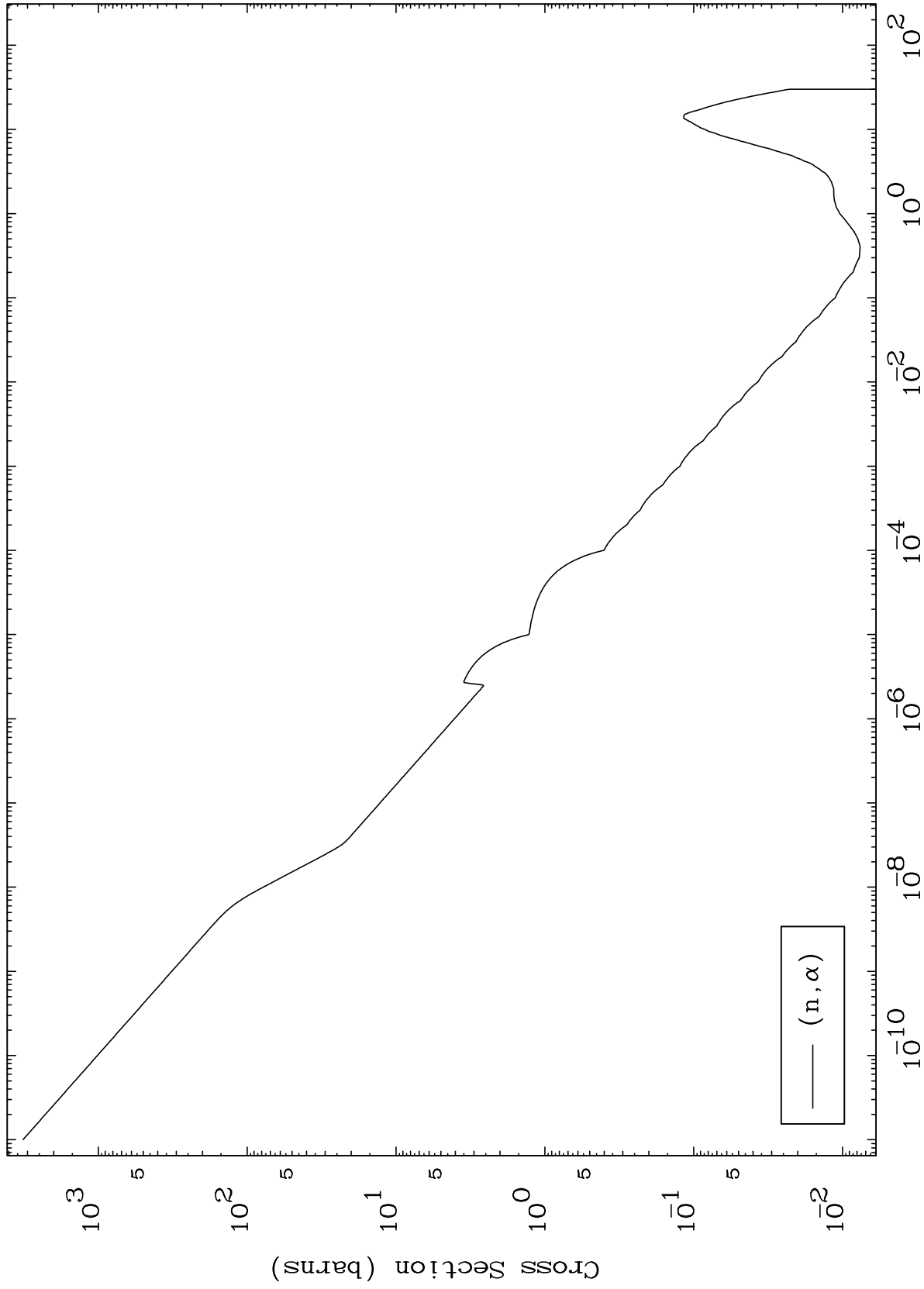
Incident Energy (MeV)

61-Pm-134

MAT 6110

(n,α) Levels
293 Kelvin Cross Sections

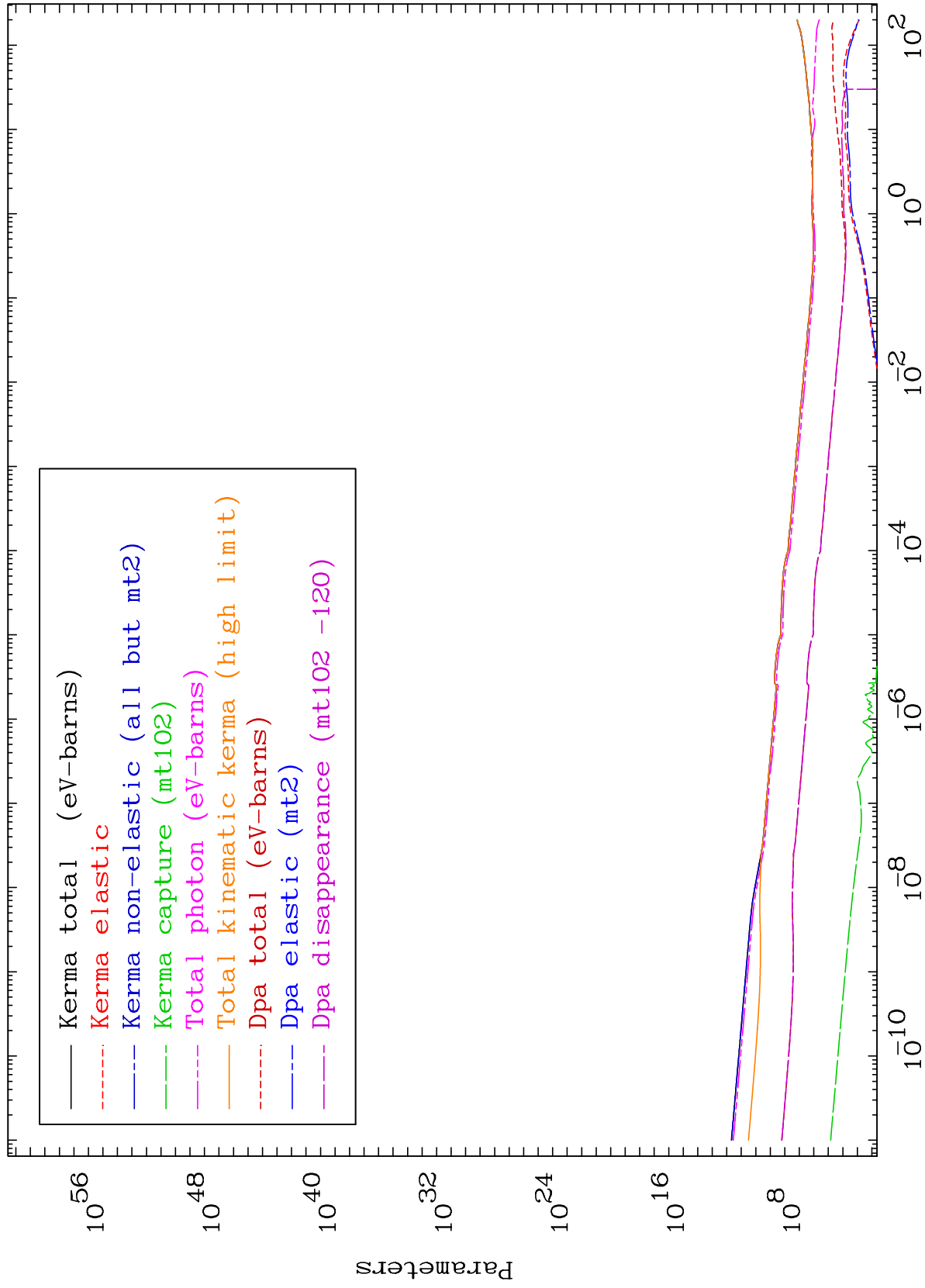
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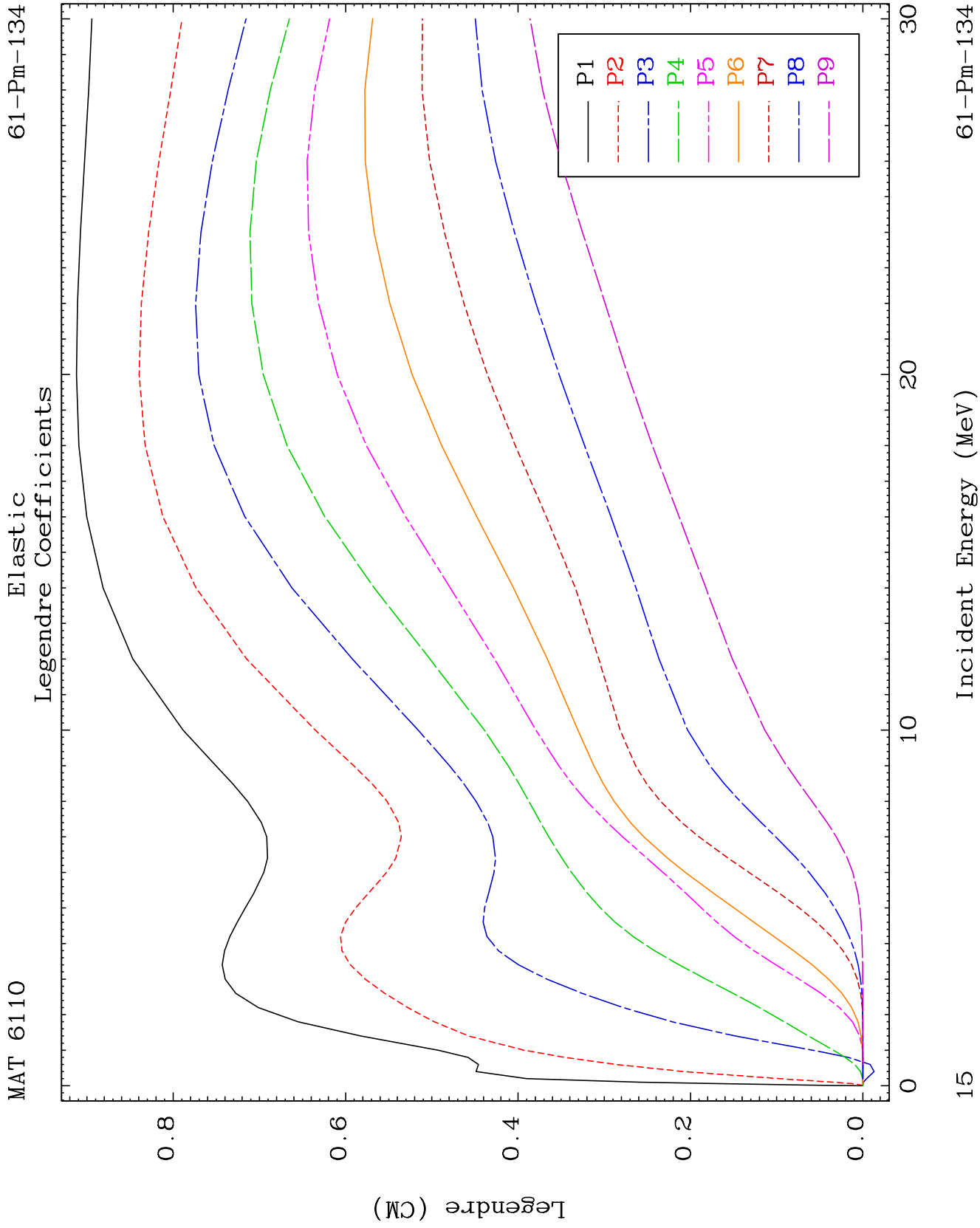


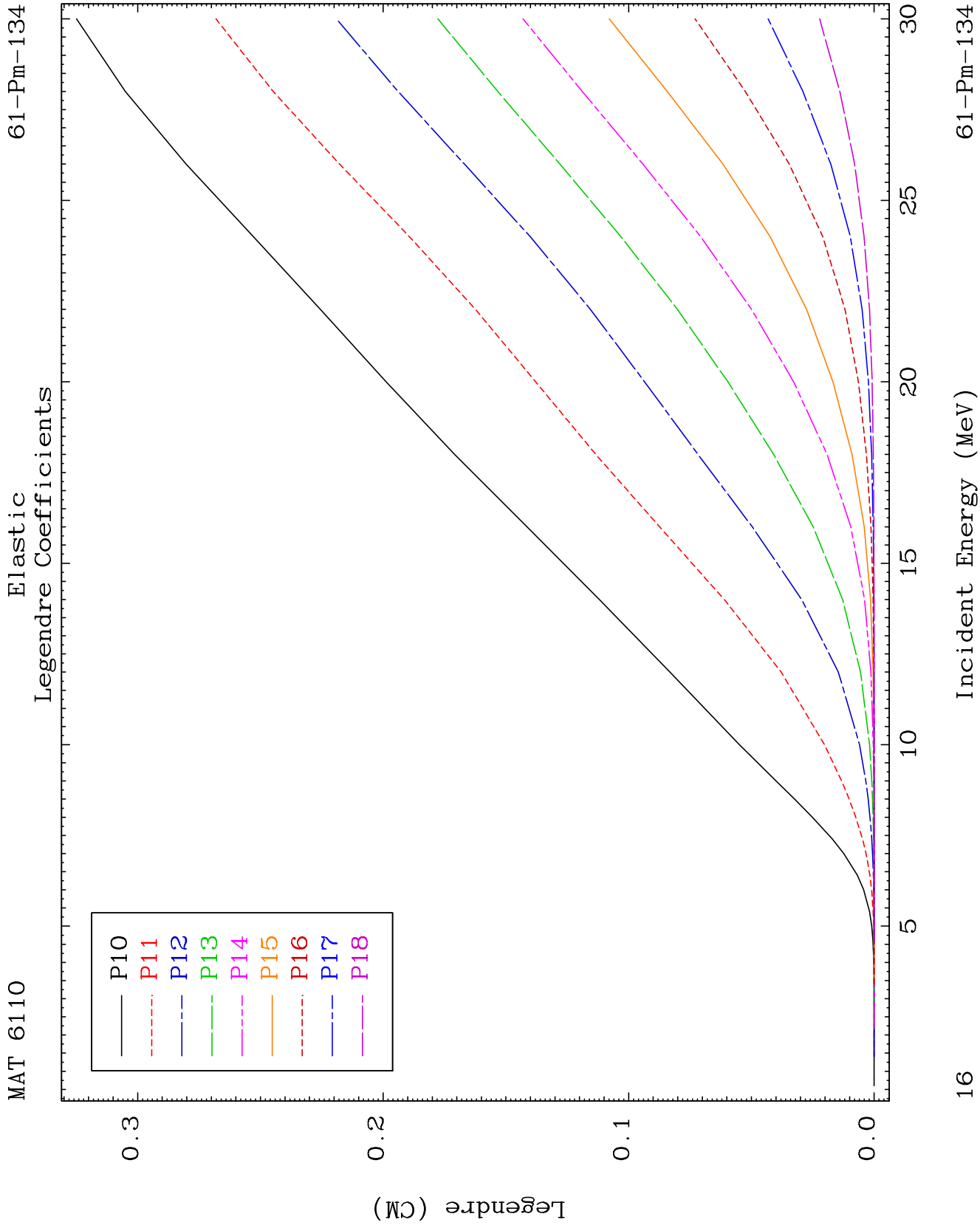
13

Incident Energy (MeV)

61-Pm-134



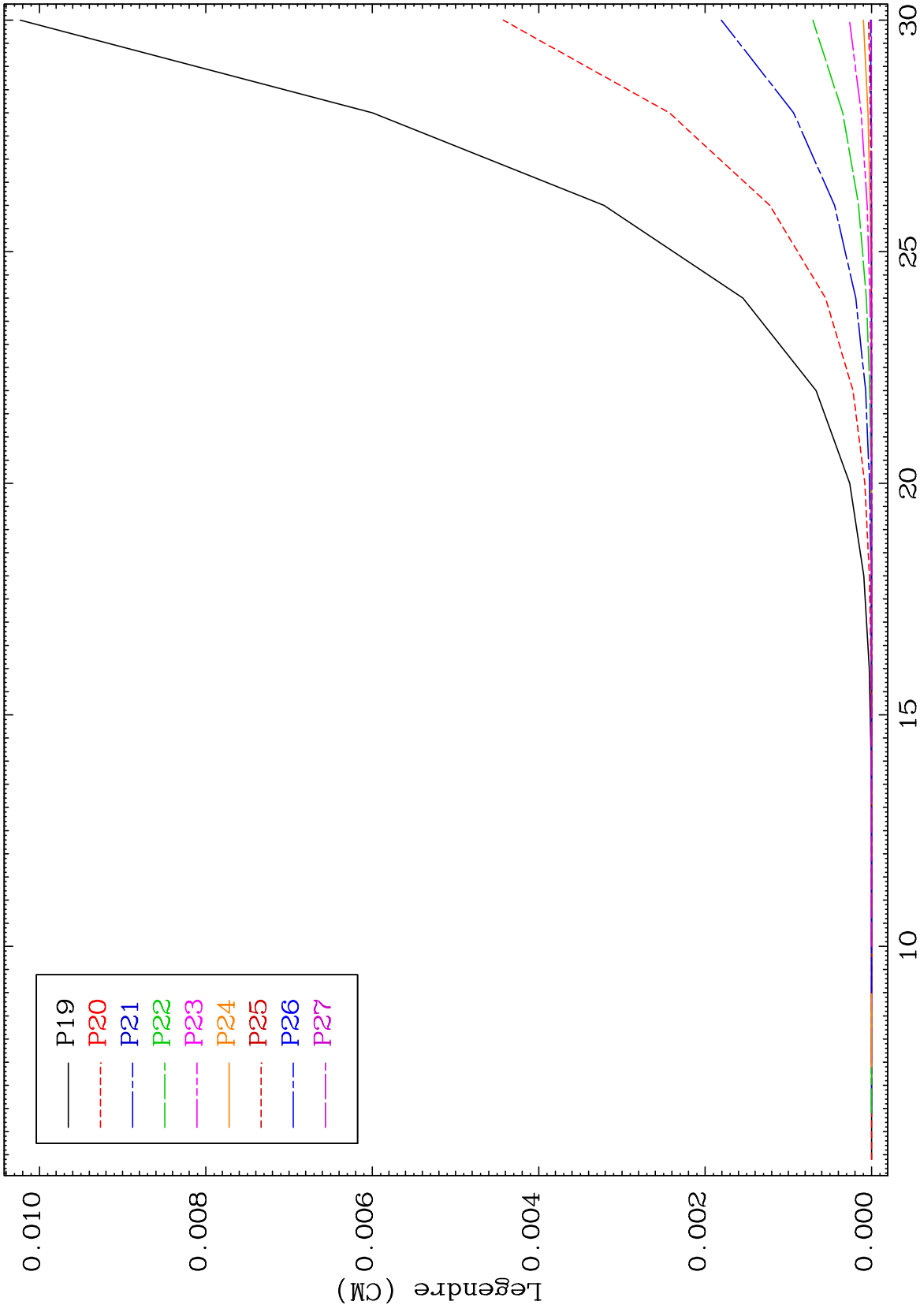




MAT 6110

Elastic Legendre Coefficients

61-Pm-134



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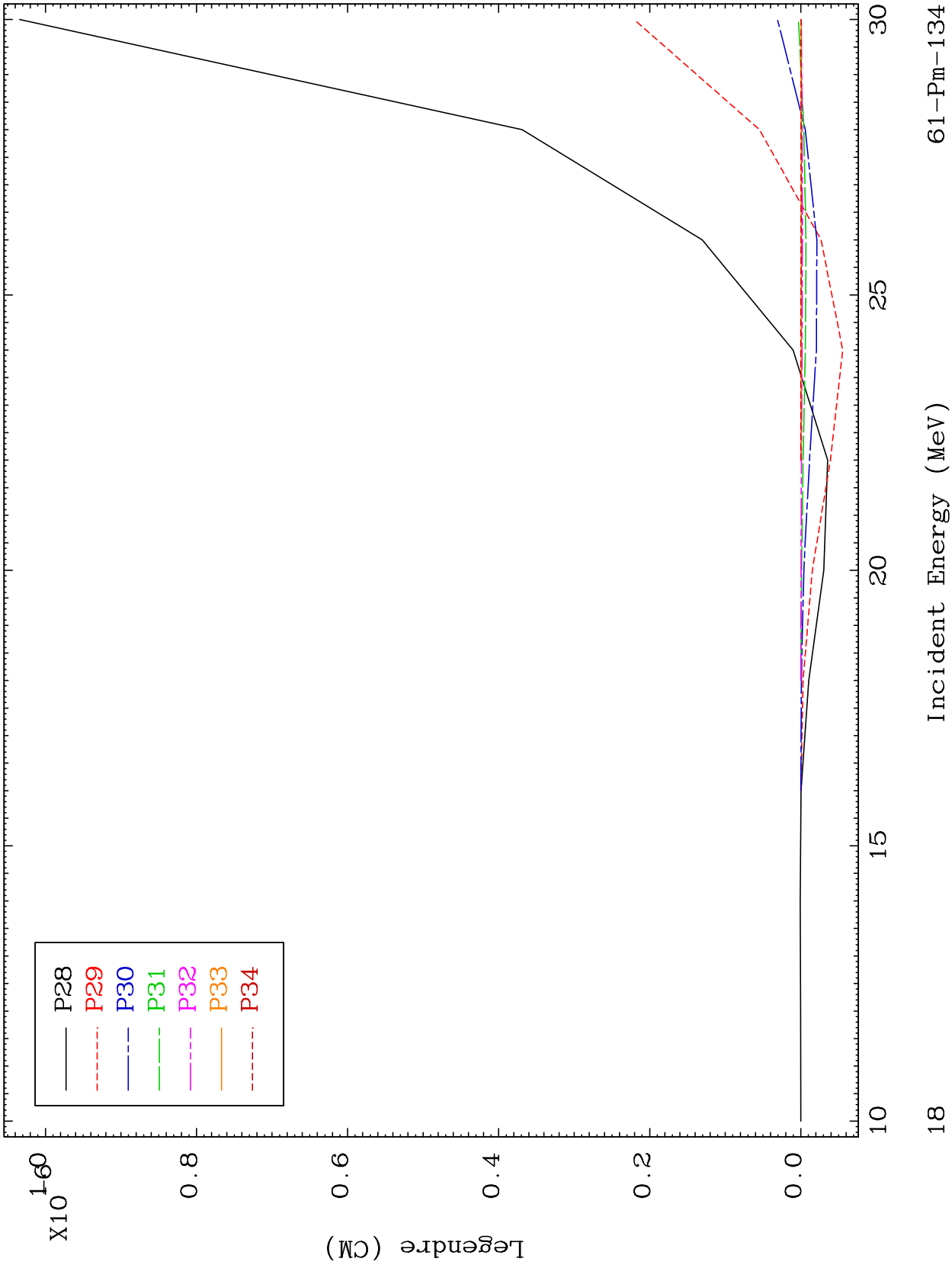
Incident Energy (MeV)

61-Pm-134

MAT 6110

Elastic Legendre Coefficients

61-Pm-134



18

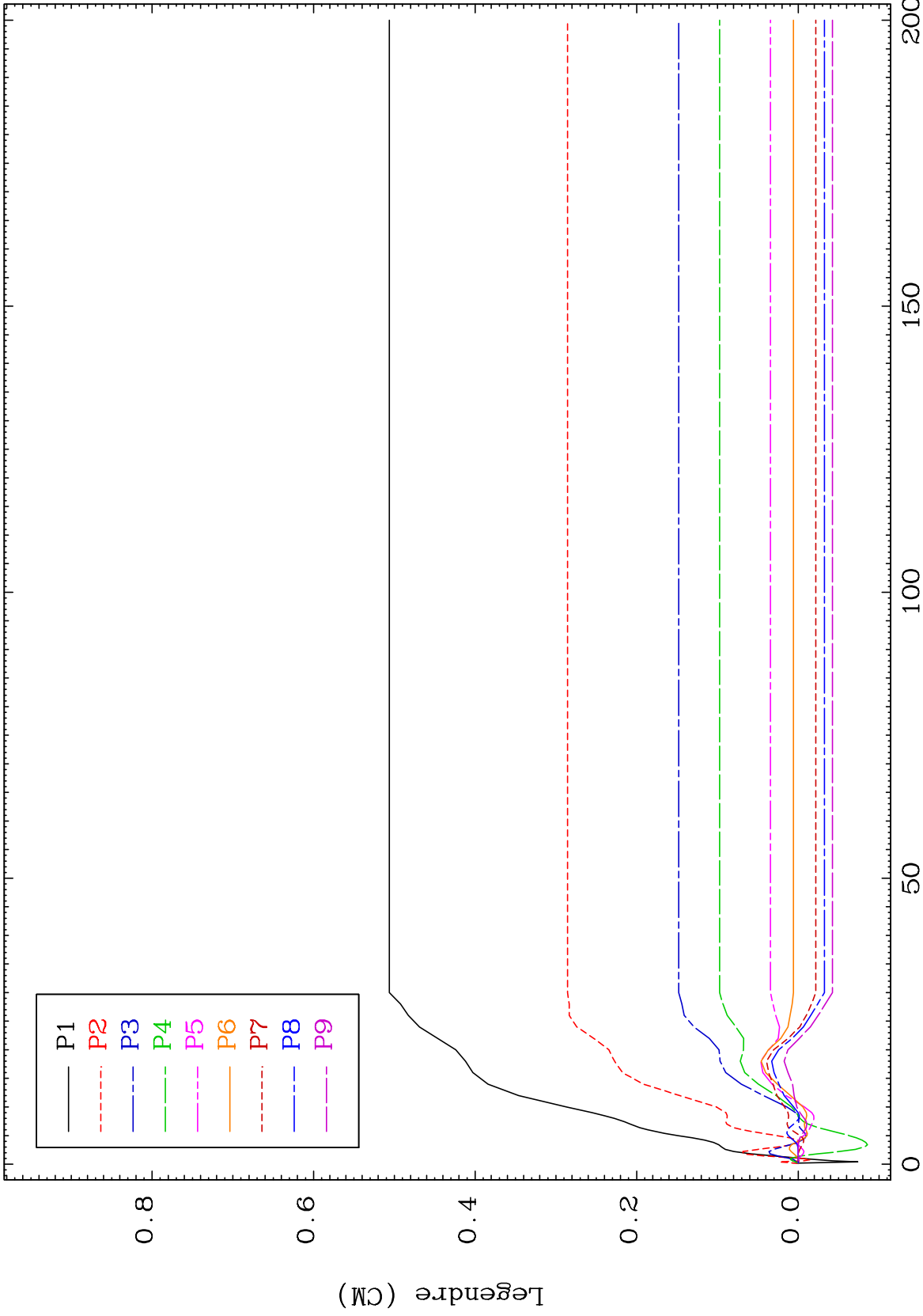
Incident Energy (MeV)

61-Pm-134

MAT 6110

MT= 51 (n,n') Level
Legendre Coefficients

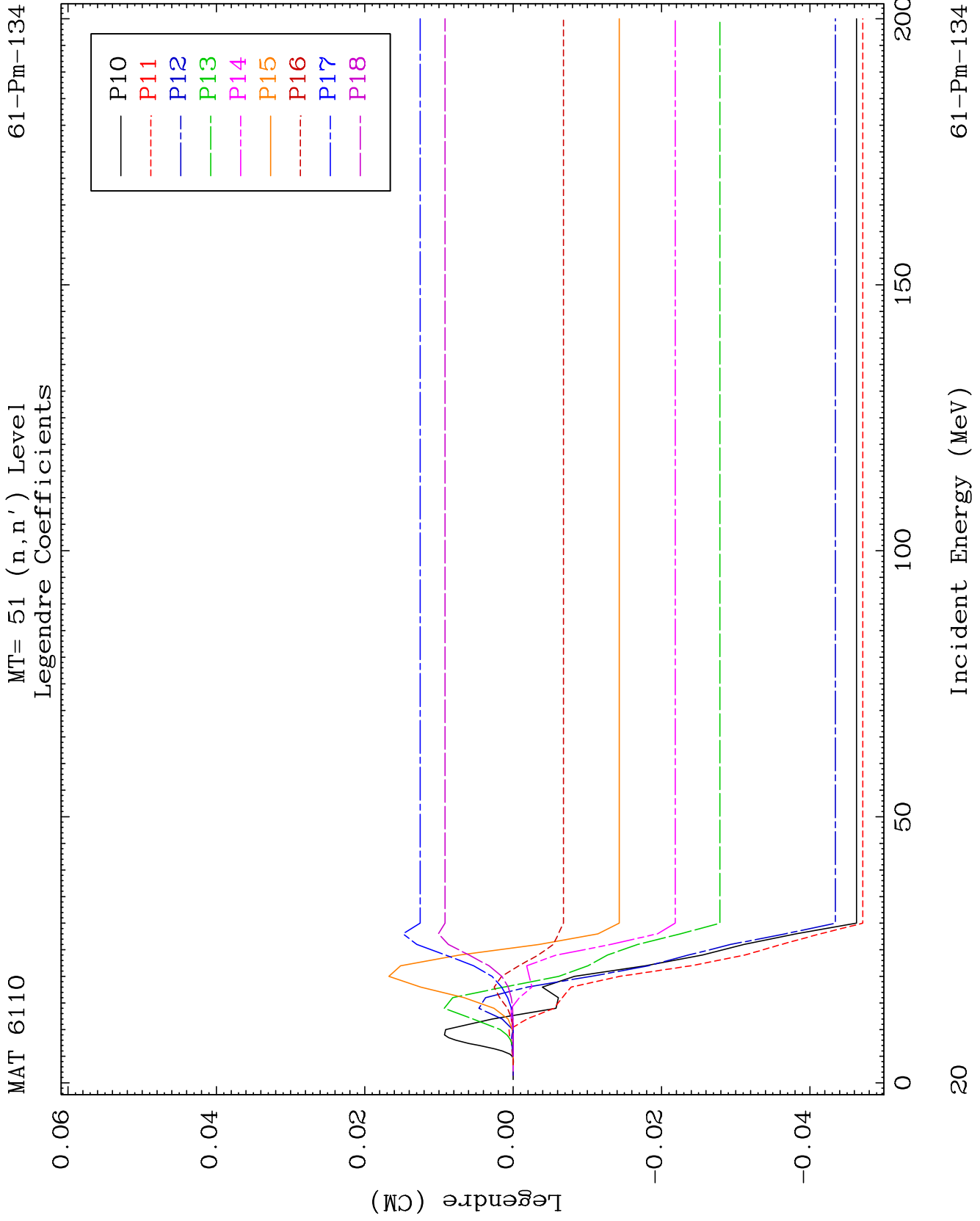
61-Pm-134



19

Incident Energy (MeV)

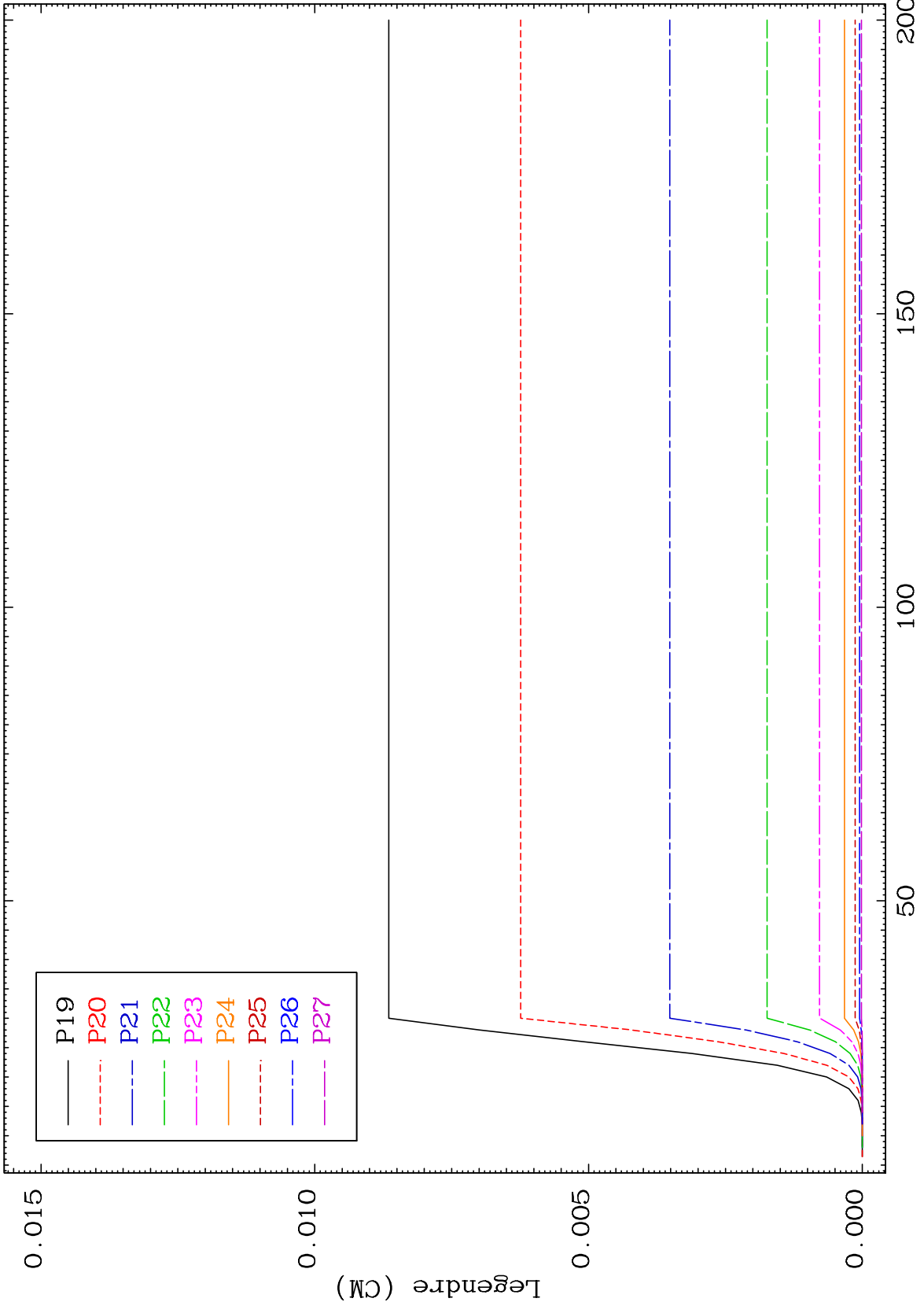
61-Pm-134



MAT 6110

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-134



21

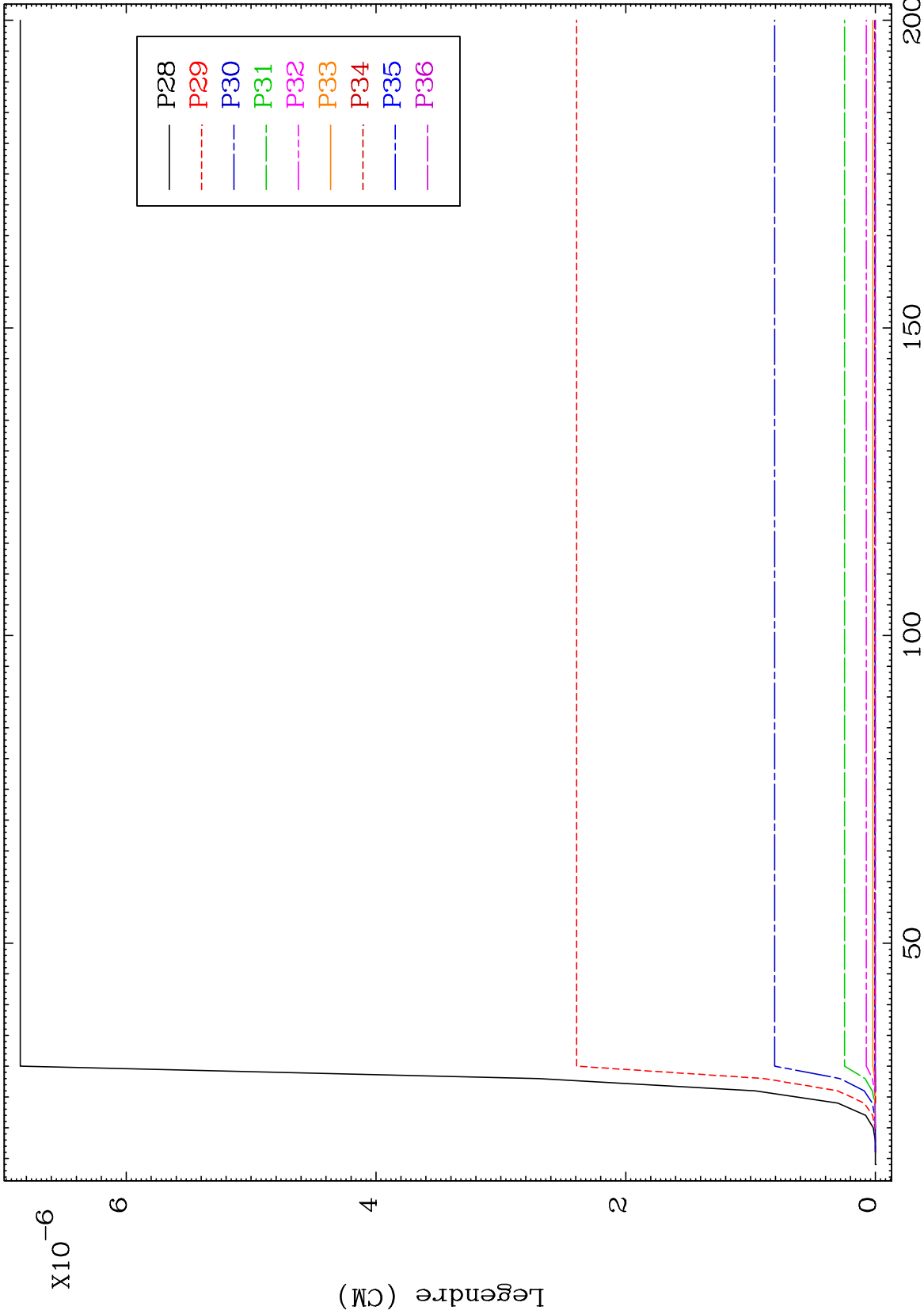
Incident Energy (MeV)

61-Pm-134

MAT 6110

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-134

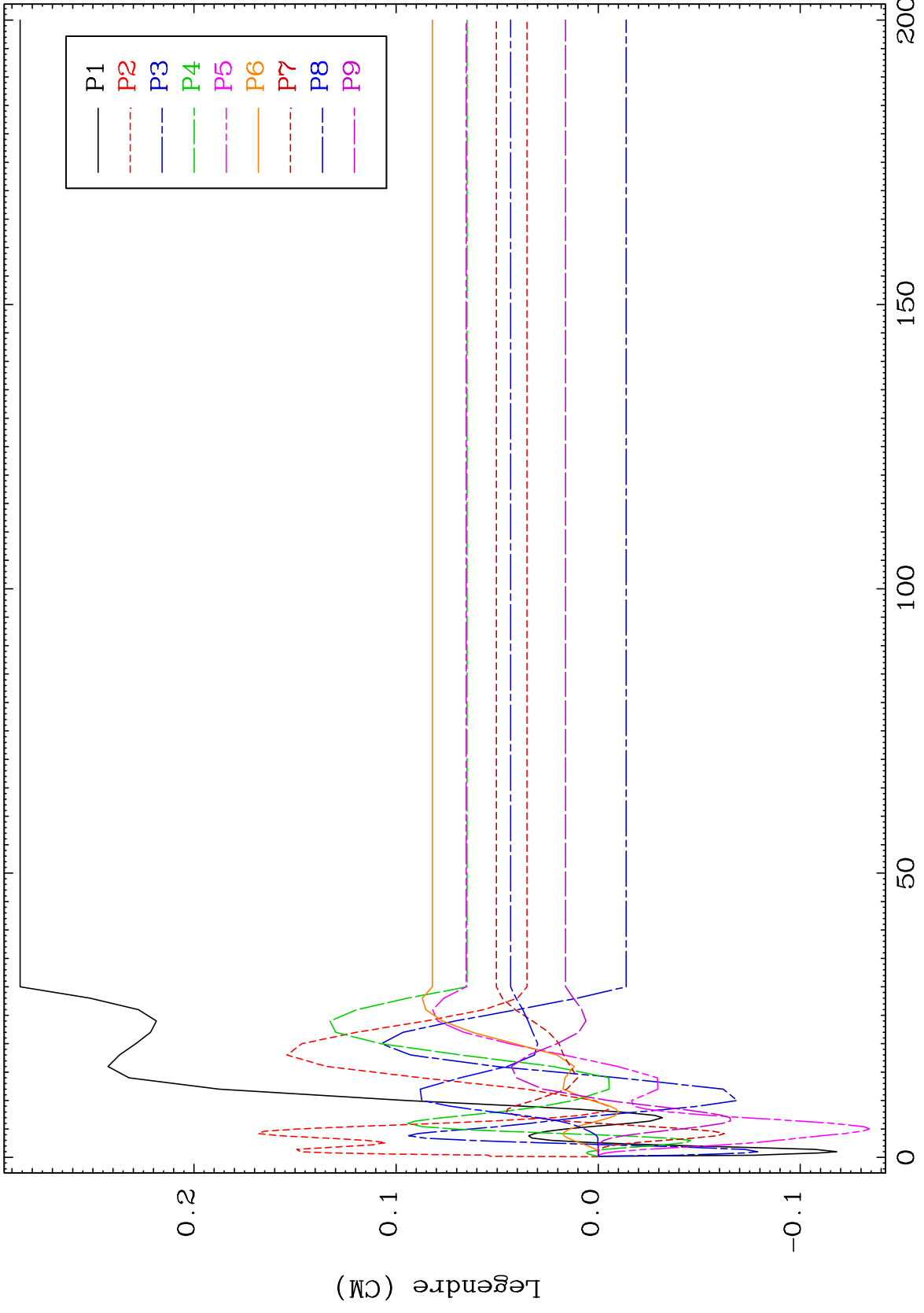


22

Incident Energy (MeV)

61-Pm-134

MAT 6110 MT= 52 (n,n') Level Legendre Coefficients 61-Pm-134

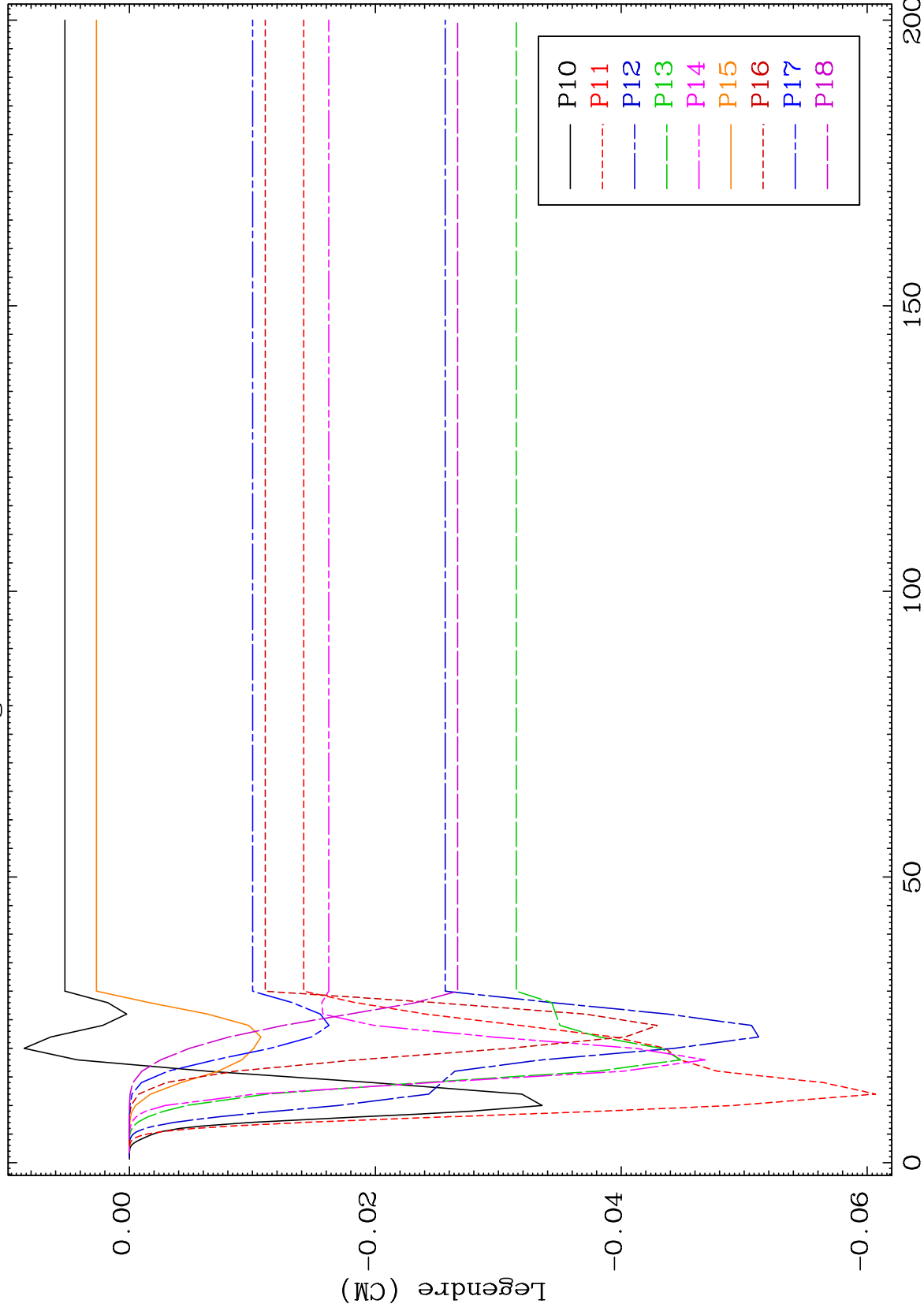


23 61-Pm-134

MAT 6110

MT= 52 (n,n') Level
Legendre Coefficients

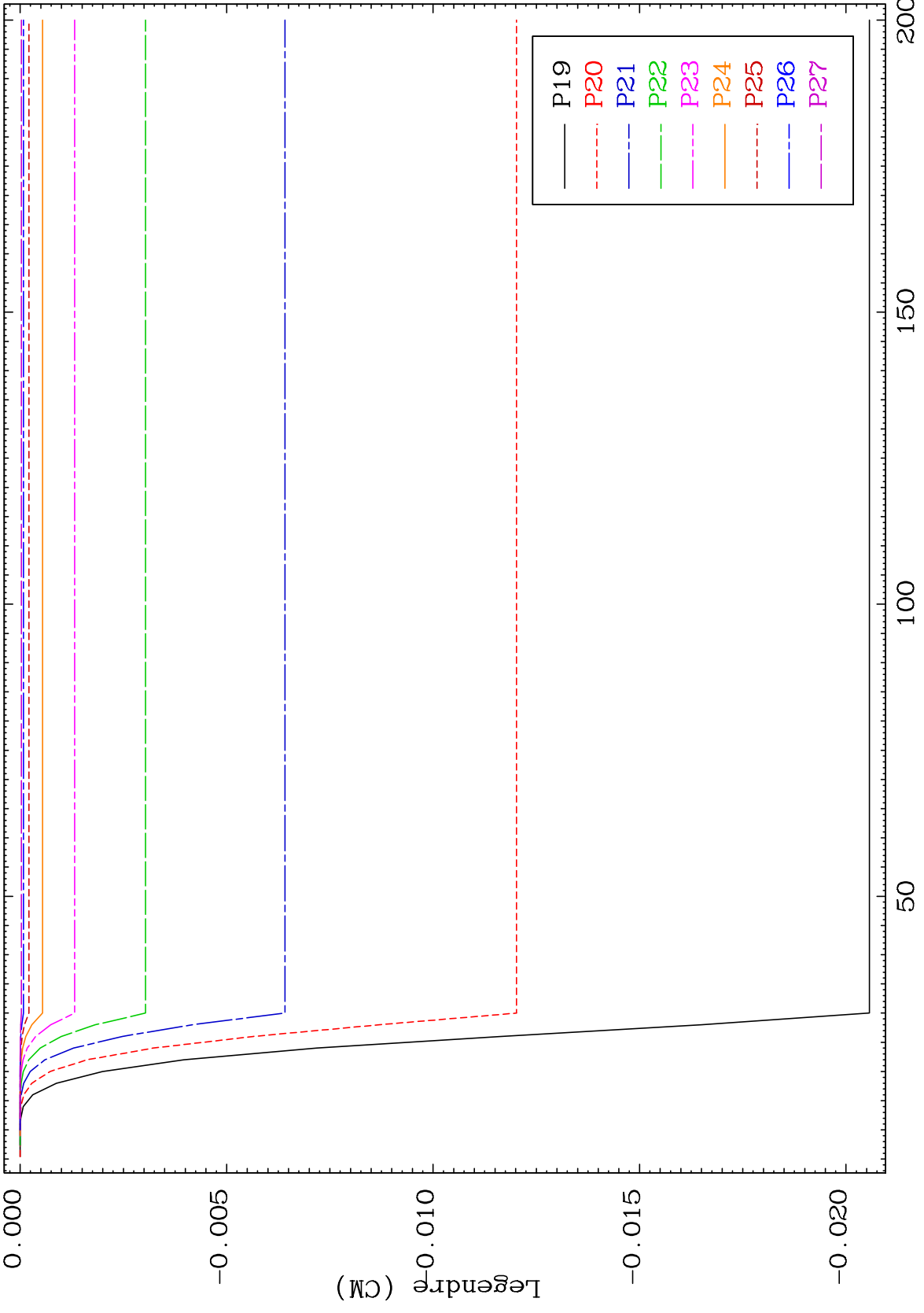
61-Pm-134



24

61-Pm-134

MAT 6110 MT= 52 (n,n') Level Legendre Coefficients 61-Pm-134

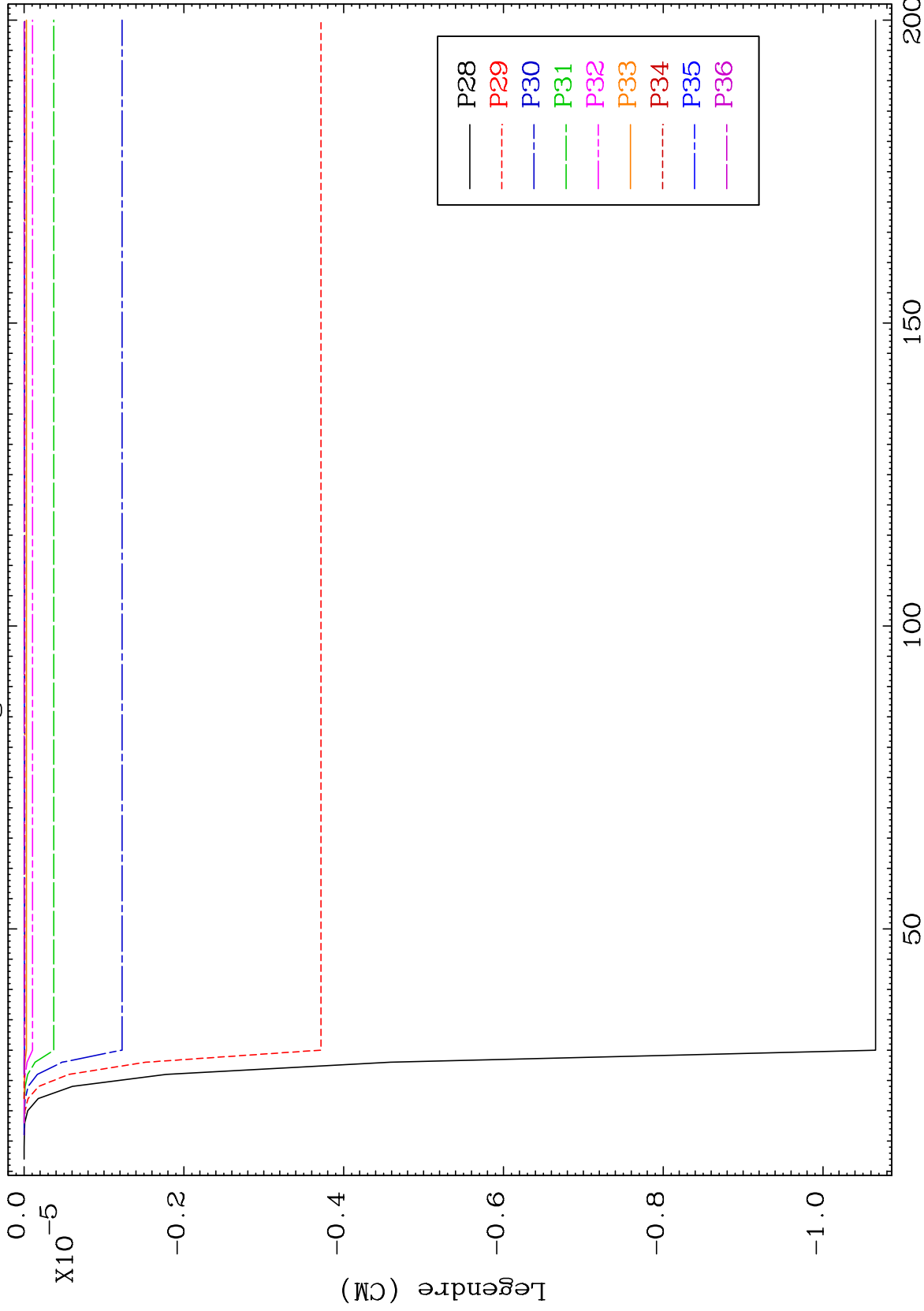


25 Incident Energy (MeV) 61-Pm-134

MAT 6110

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-134



61-Pm-134

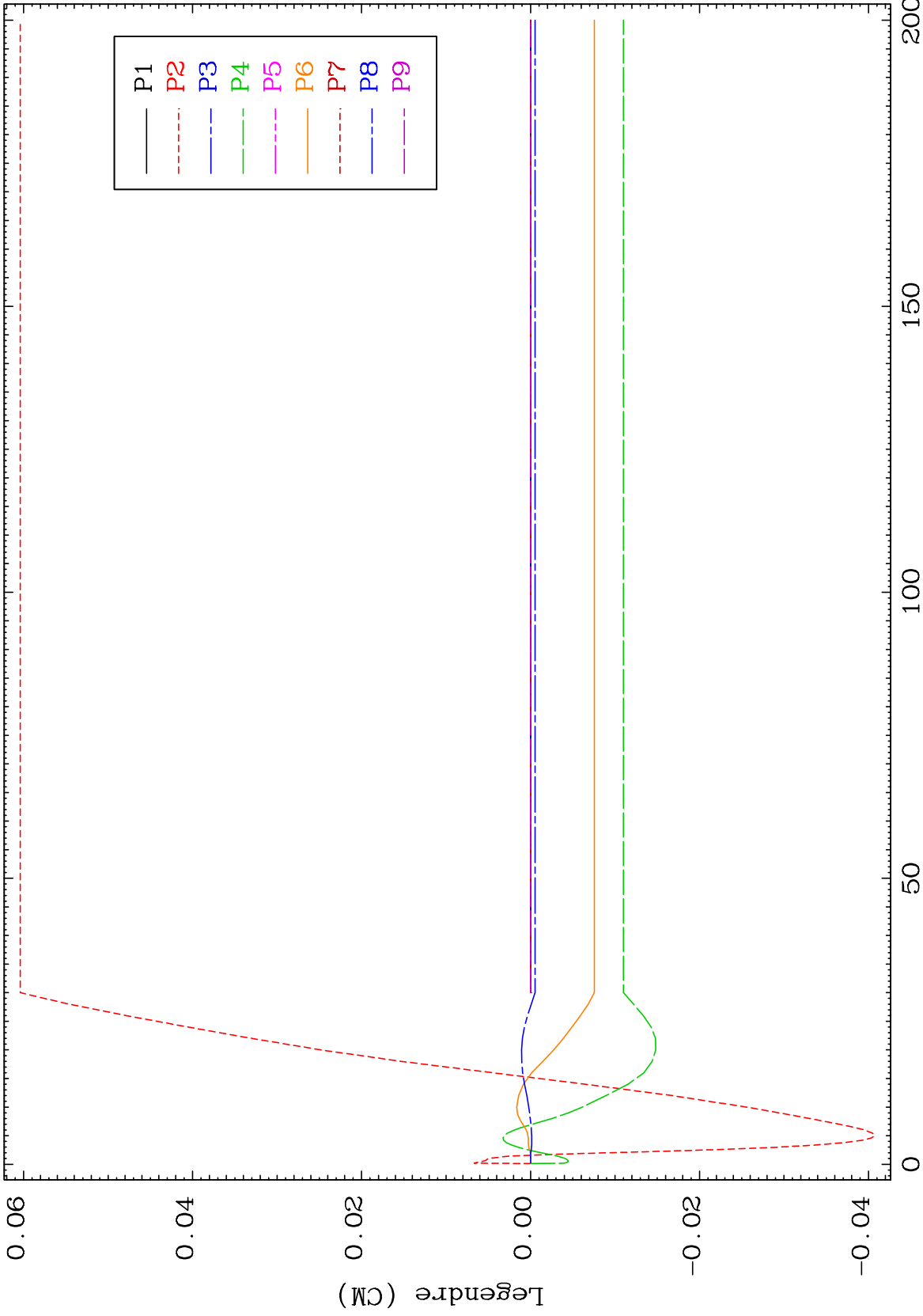
Incident Energy (MeV)

26

MAT 6110

MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-134



27

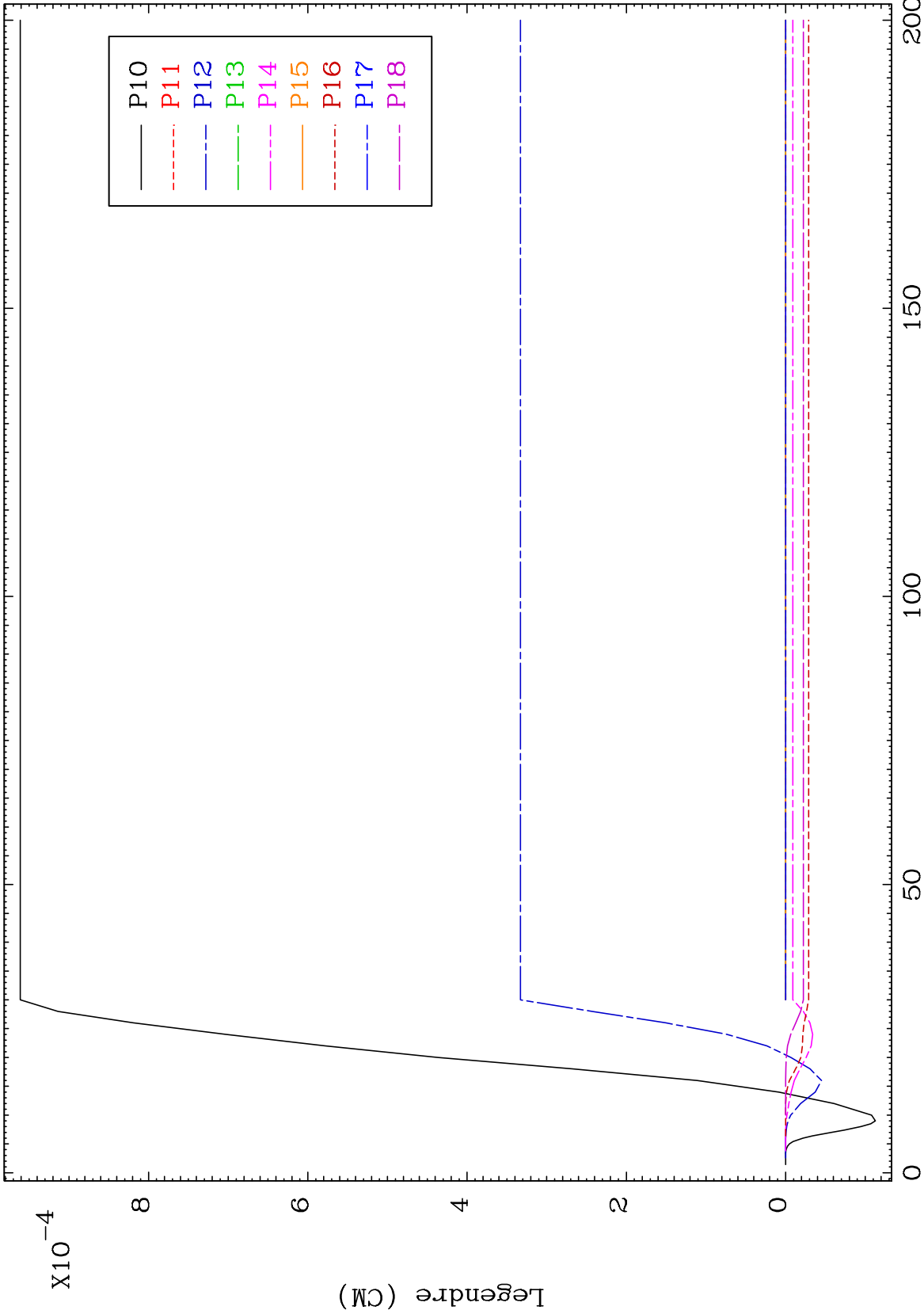
61-Pm-134

61-Pm-134

MAT 6110

MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-134

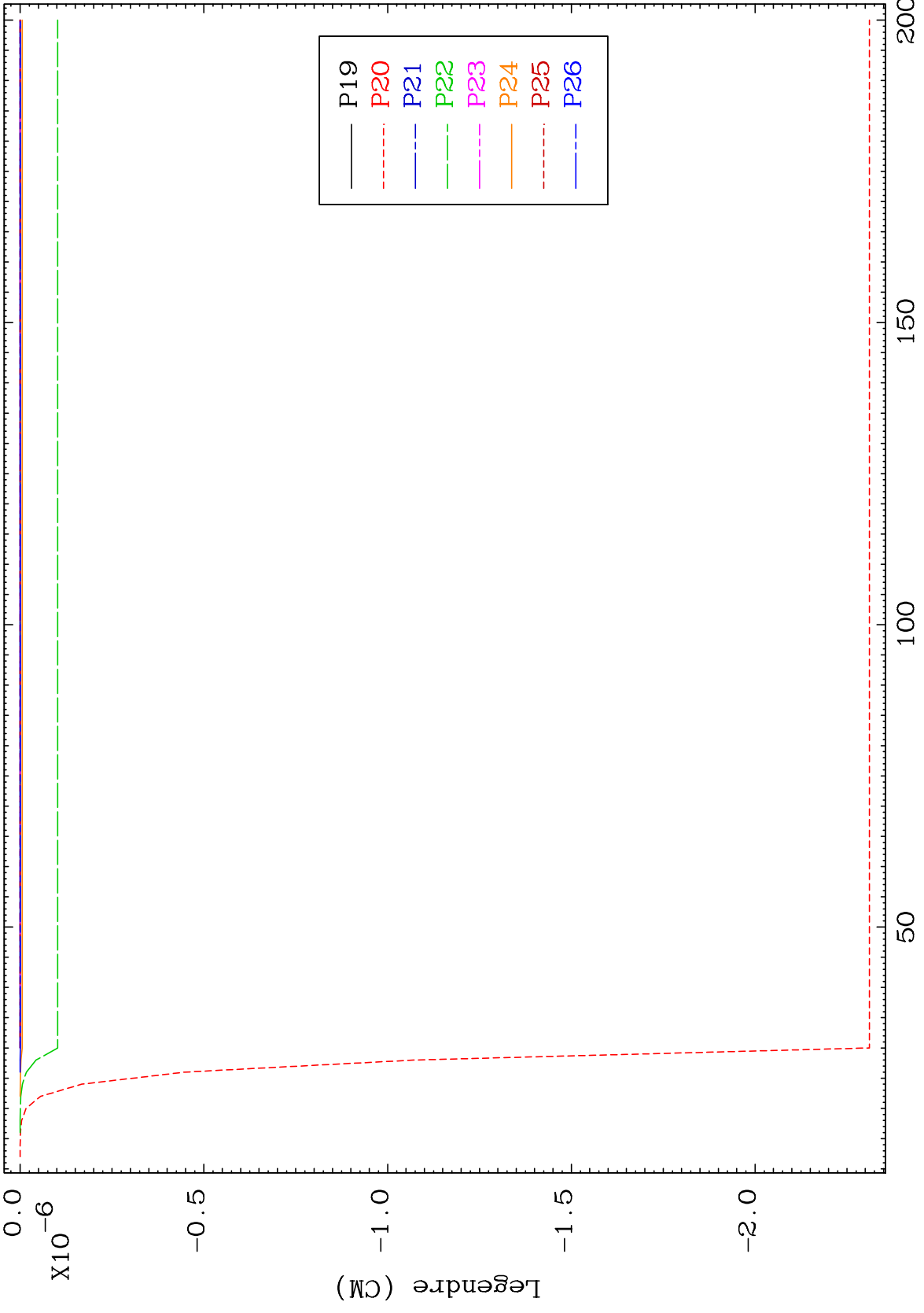


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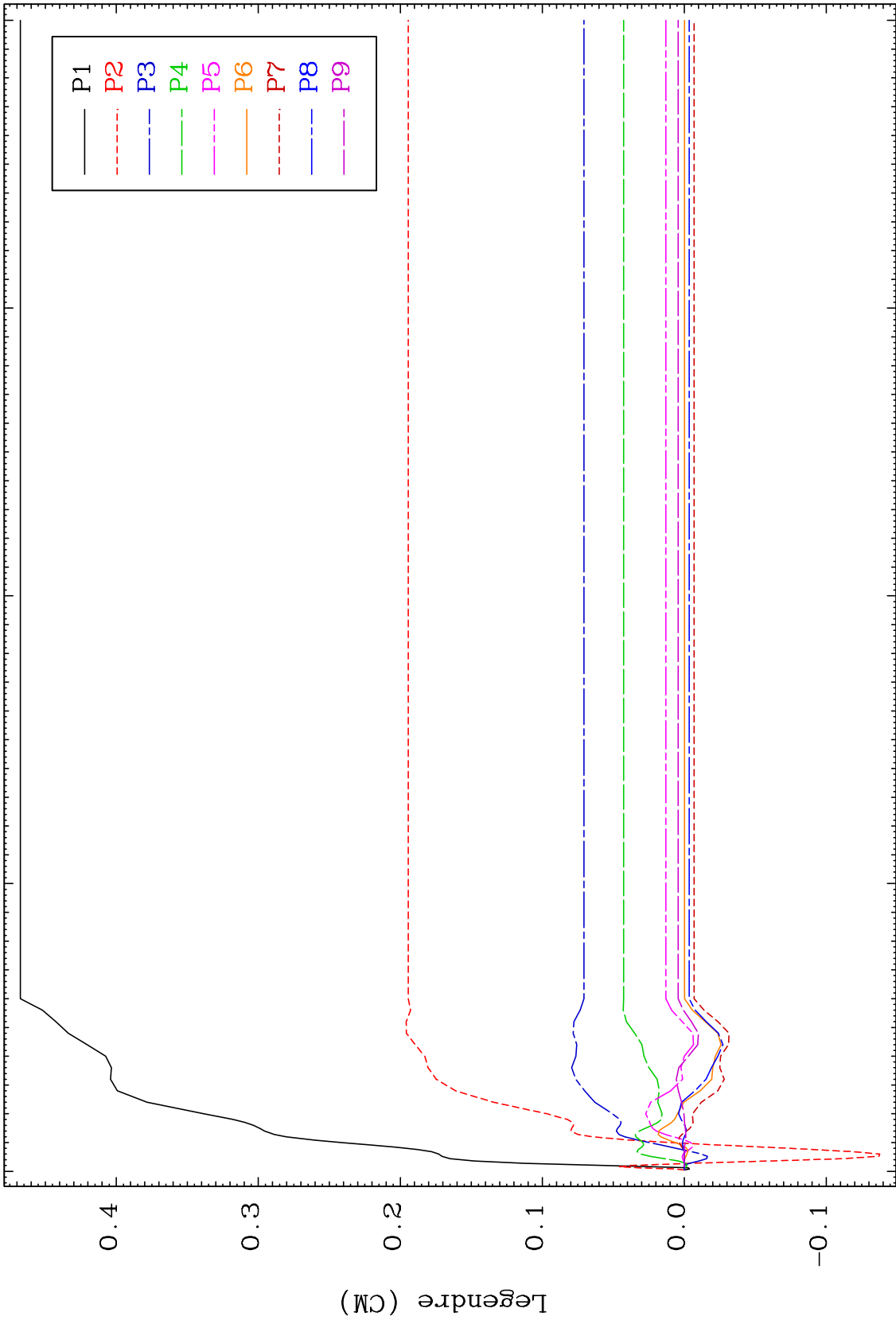
Incident Energy (MeV)

61-Pm-134

MAT 6110 MT= 53 (n,n') Level Legendre Coefficients 61-Pm-134



MAT 6110 MT= 54 (n,n') Level Legendre Coefficients 61-Pm-134

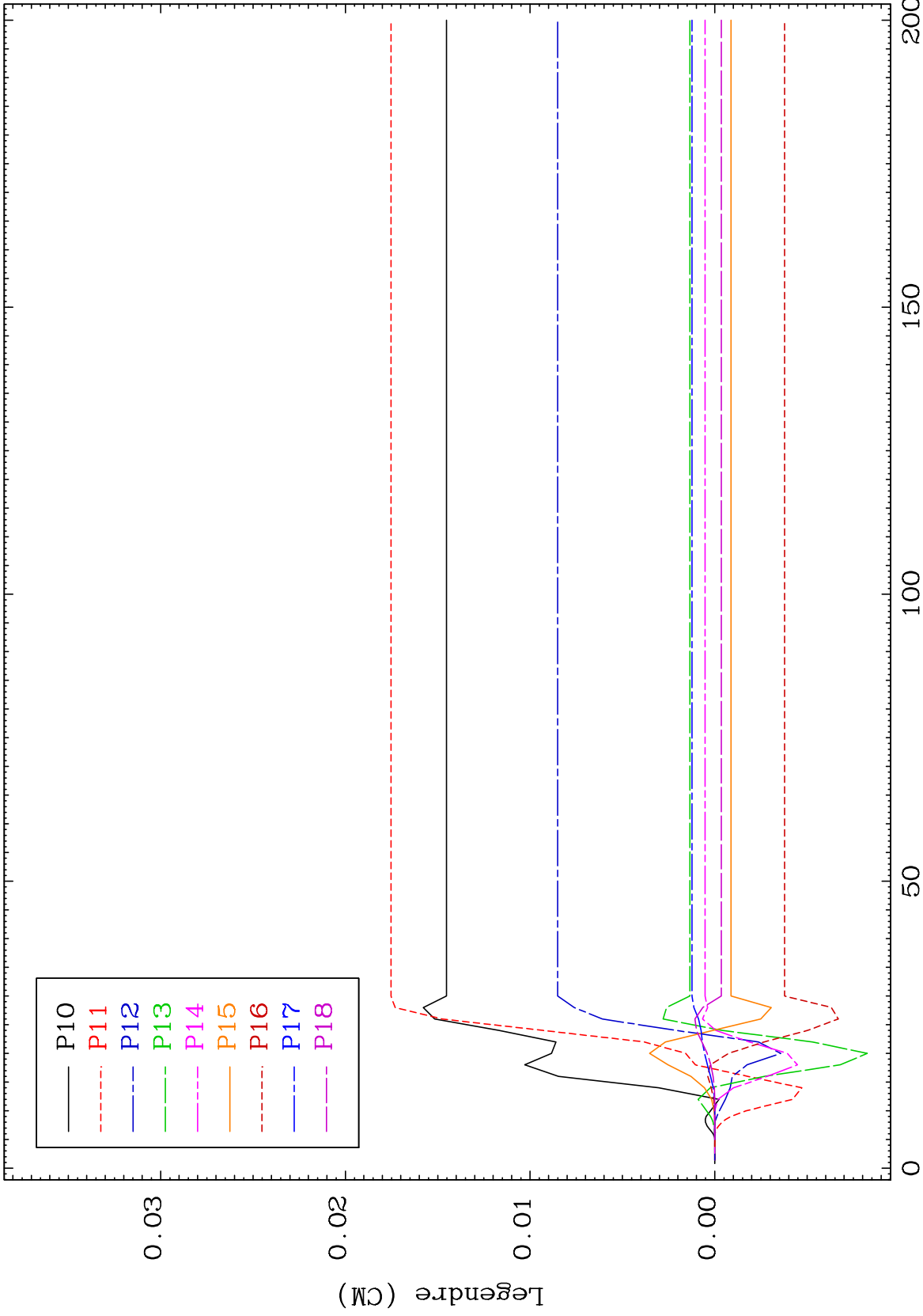


61-Pm-134 Incident Energy (MeV)

MAT 6110

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-134



31

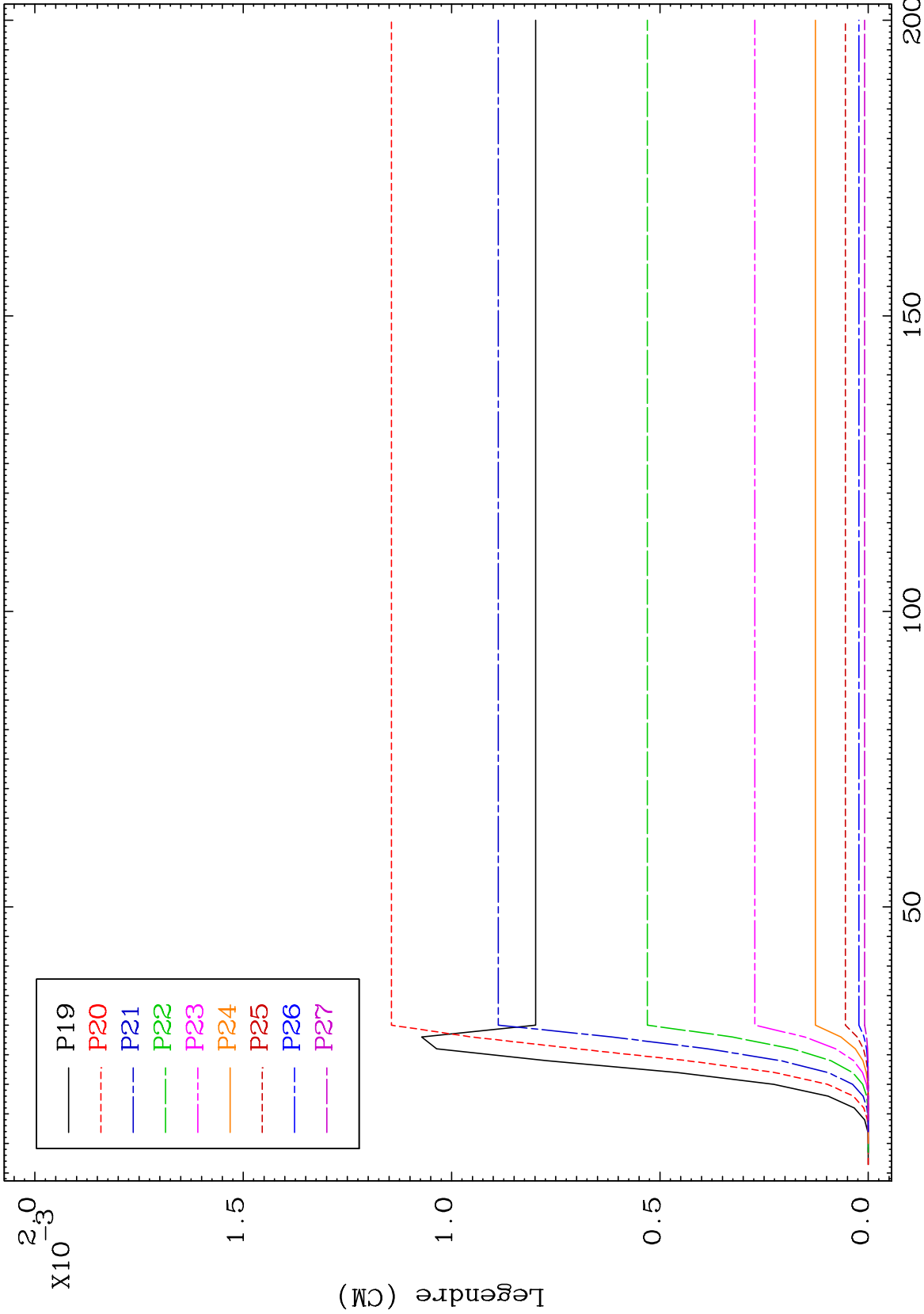
Incident Energy (MeV)

61-Pm-134

MAT 6110

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-134



32

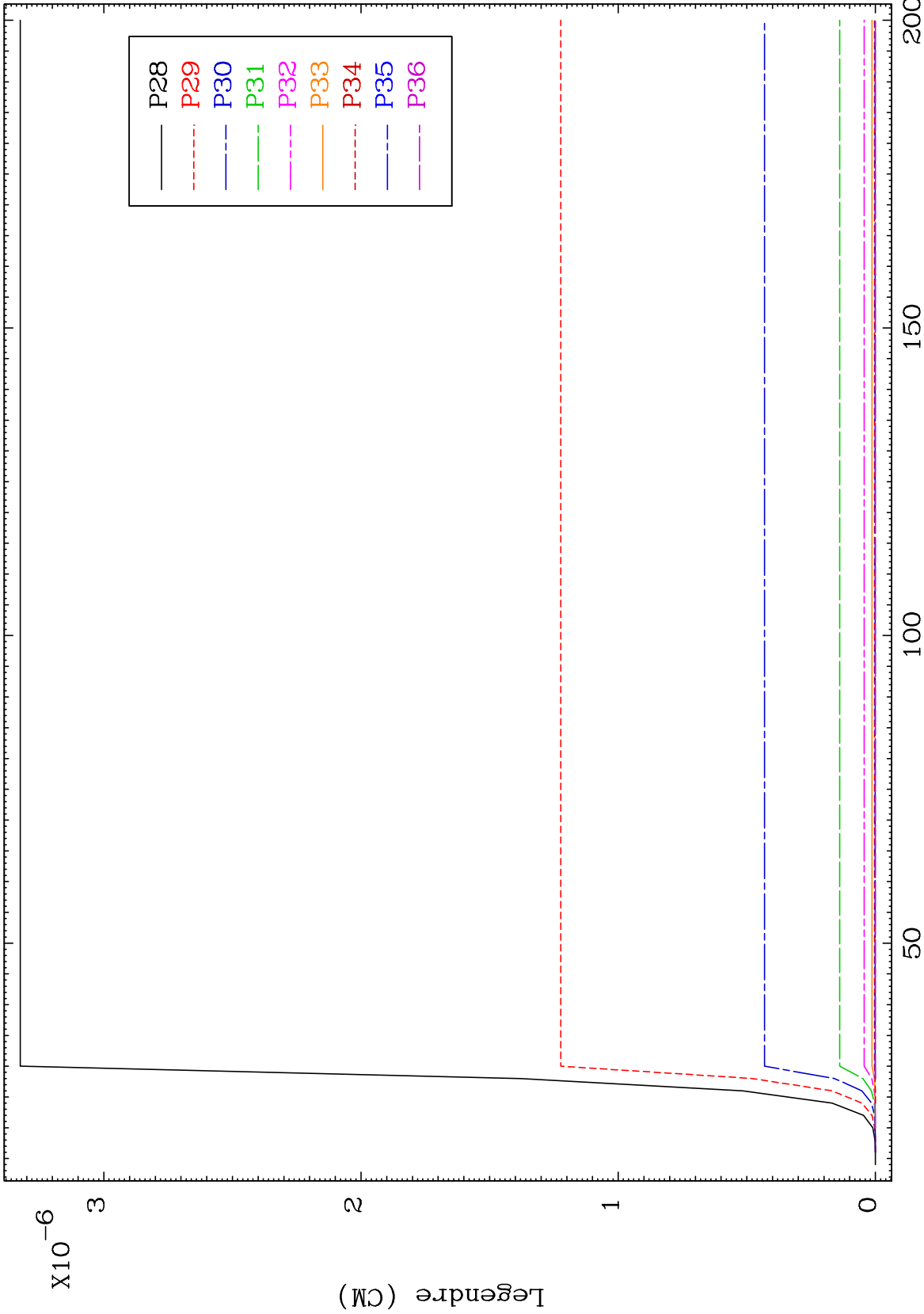
Incident Energy (MeV)

61-Pm-134

MAT 6110

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-134



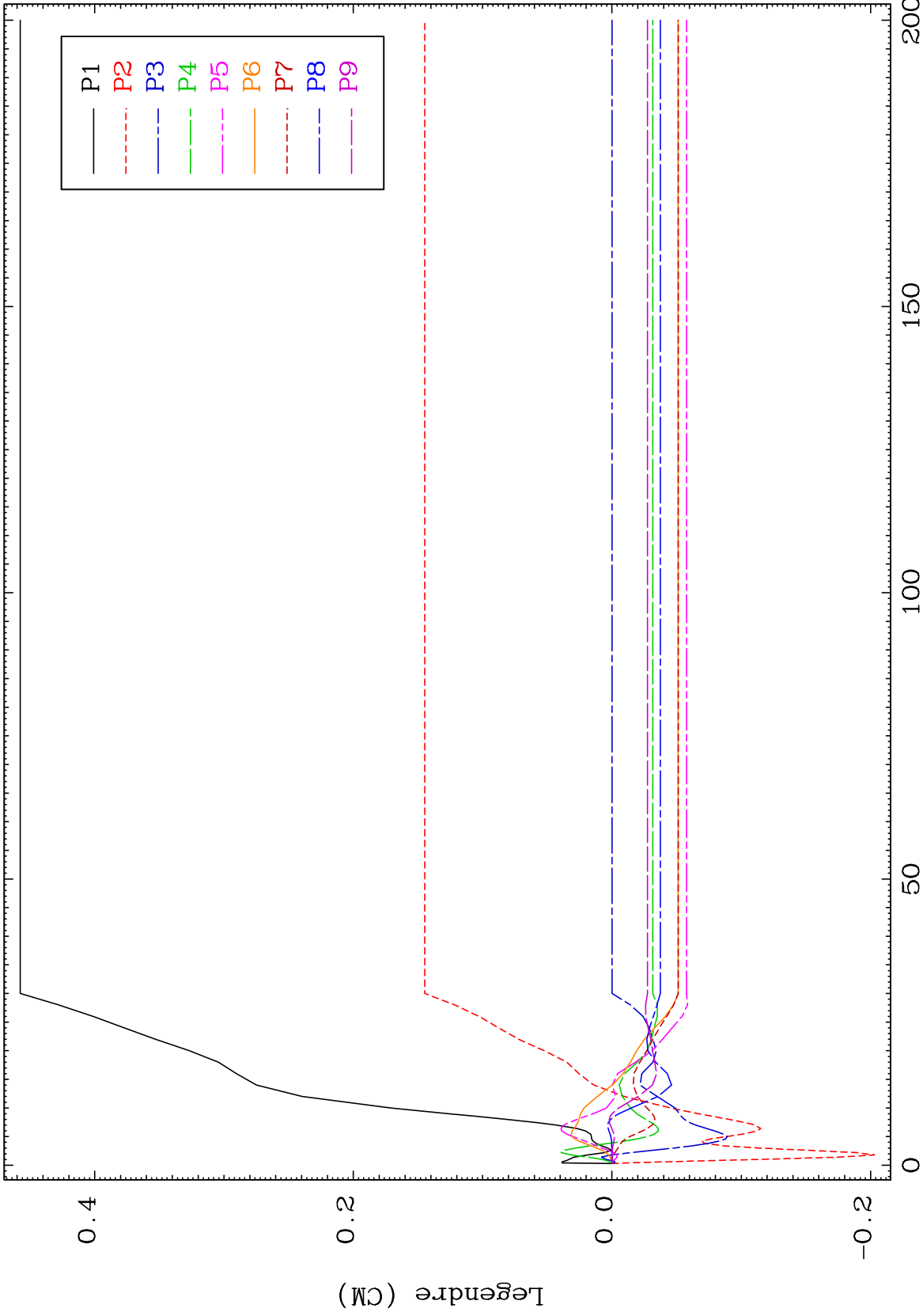
33

61-Pm-134

MAT 6110

MT= 55 (n,n') Level
Legendre Coefficients

61-Pm-134

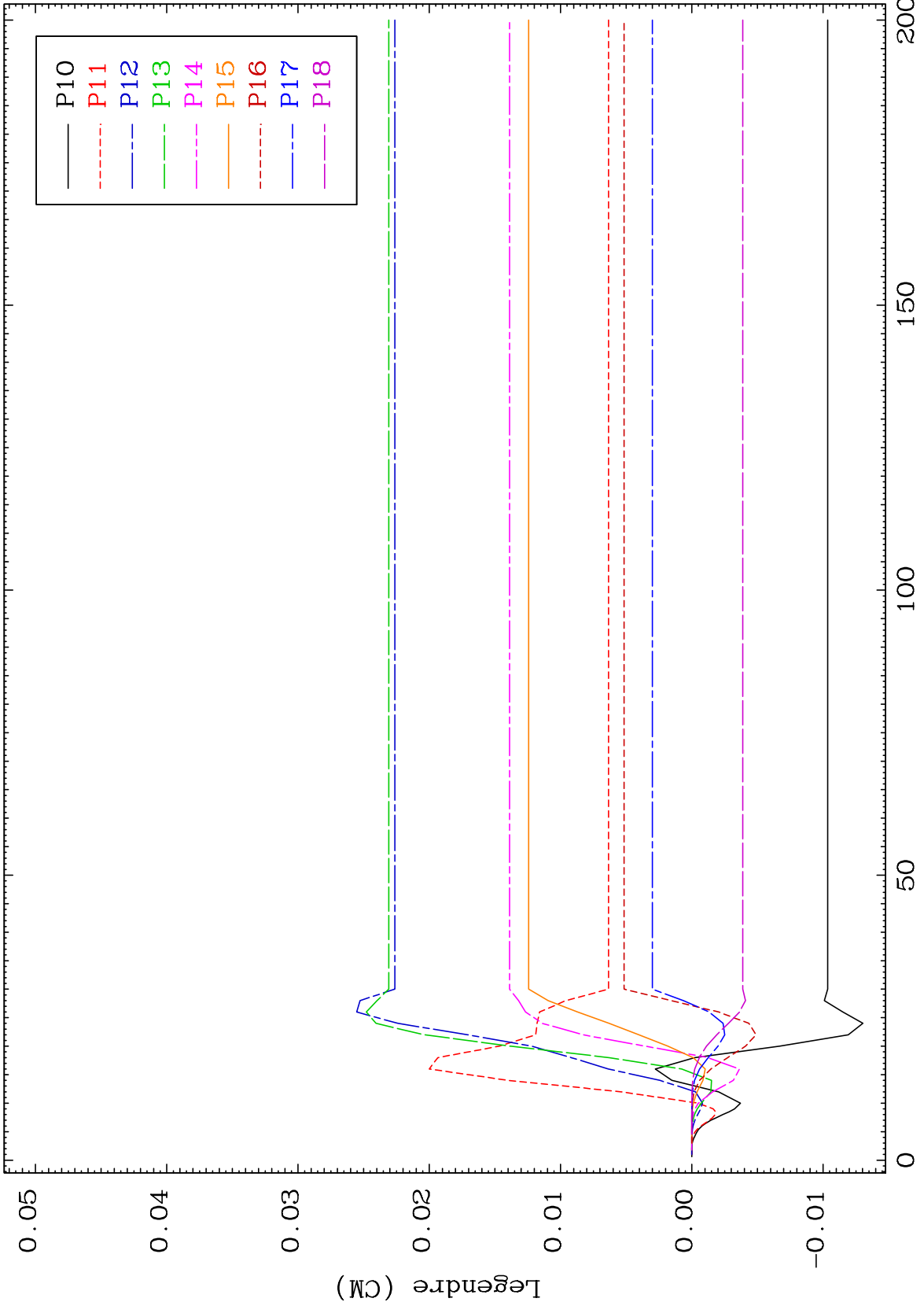


34

Incident Energy (MeV)

61-Pm-134

MAT 6110 MT= 55 (n,n') Level Legendre Coefficients 61-Pm-134

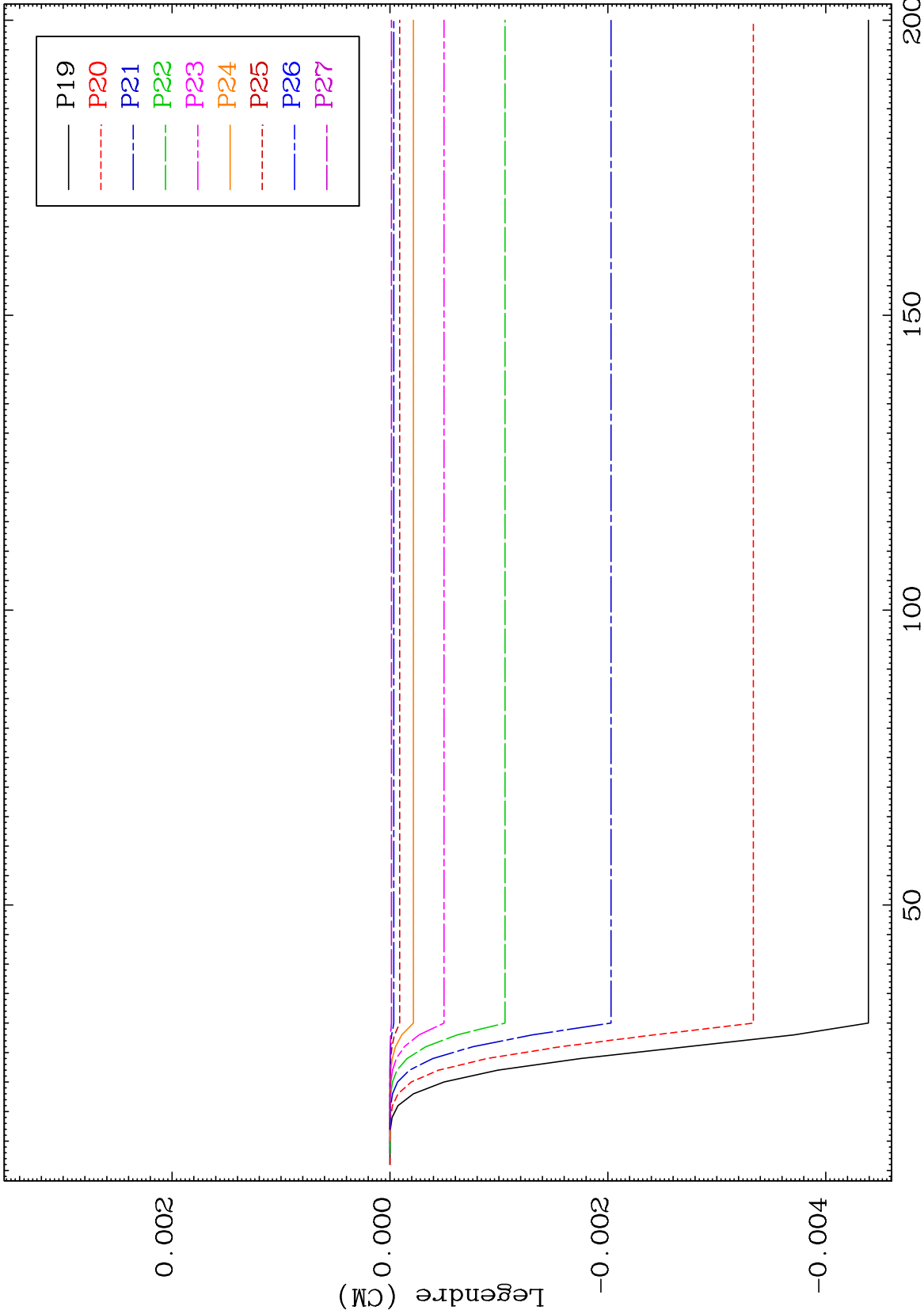


35 Incident Energy (MeV) 61-Pm-134

MAT 6110

MT= 55 (n,n') Level
Legendre Coefficients

61-Pm-134

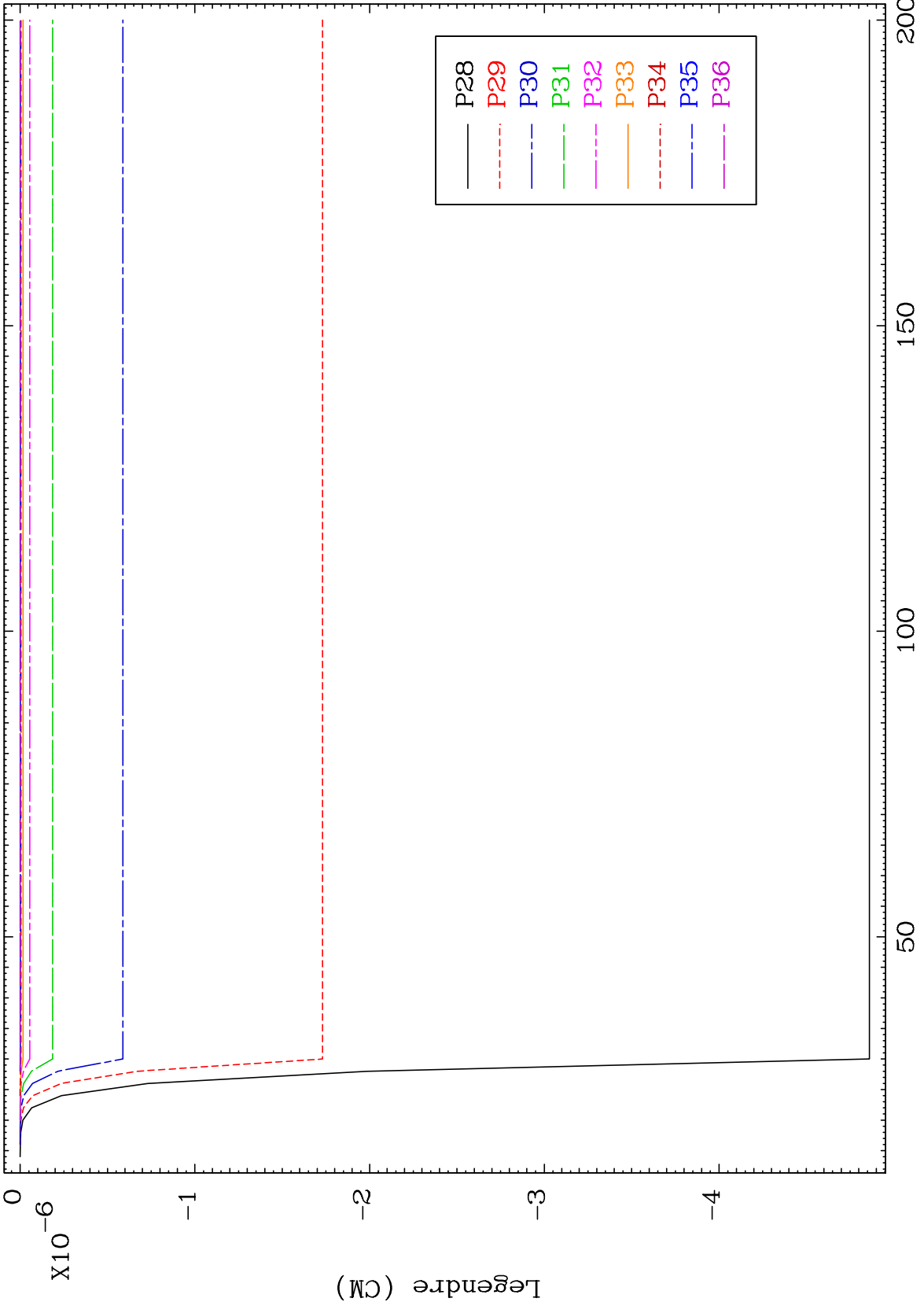


36

Incident Energy (MeV)

61-Pm-134

MAT 6110 MT= 55 (n,n') Level Legendre Coefficients 61-Pm-134

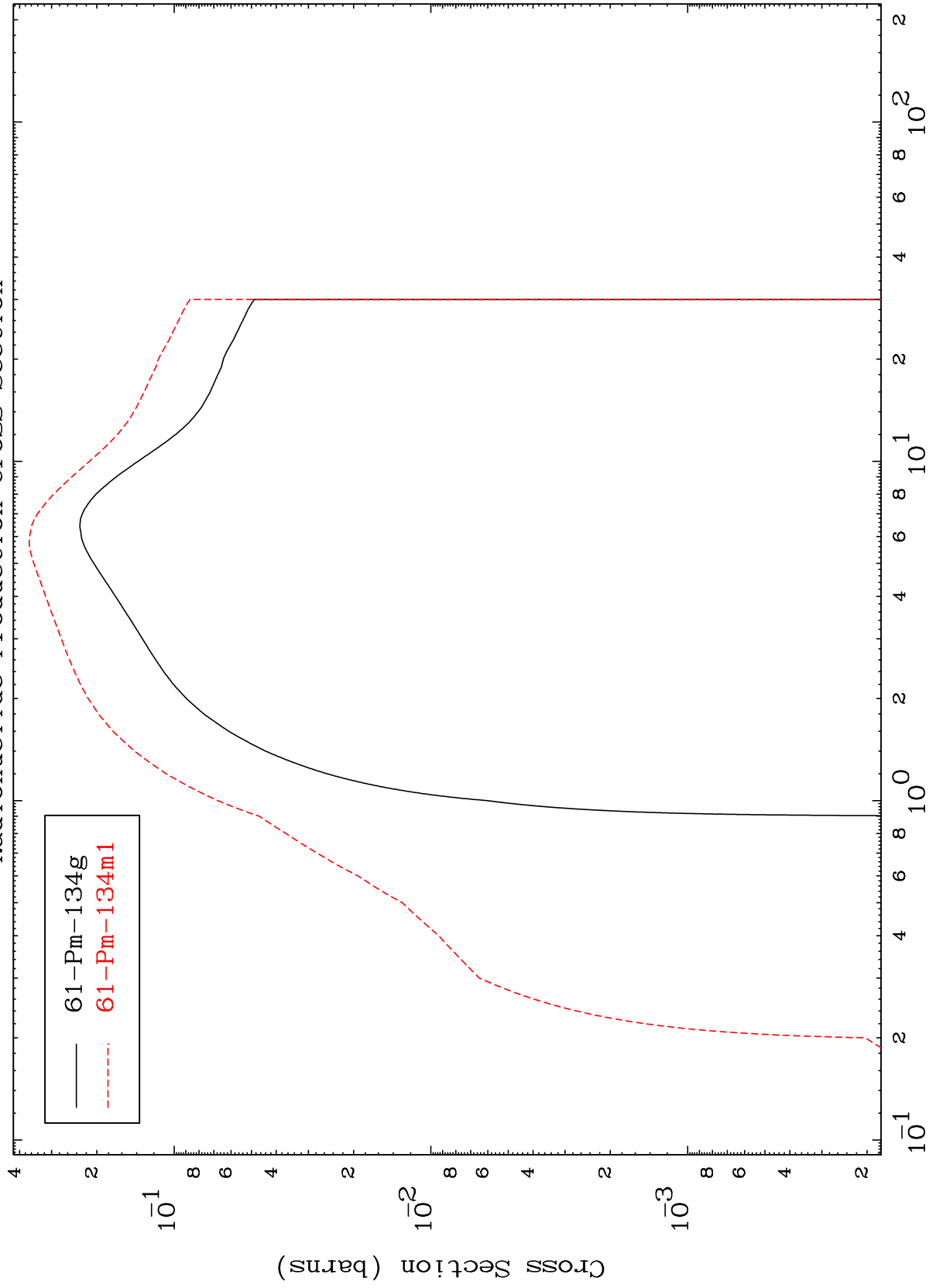


37 61-Pm-134

MAT 6110

61-Pm-134

Inelastic Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

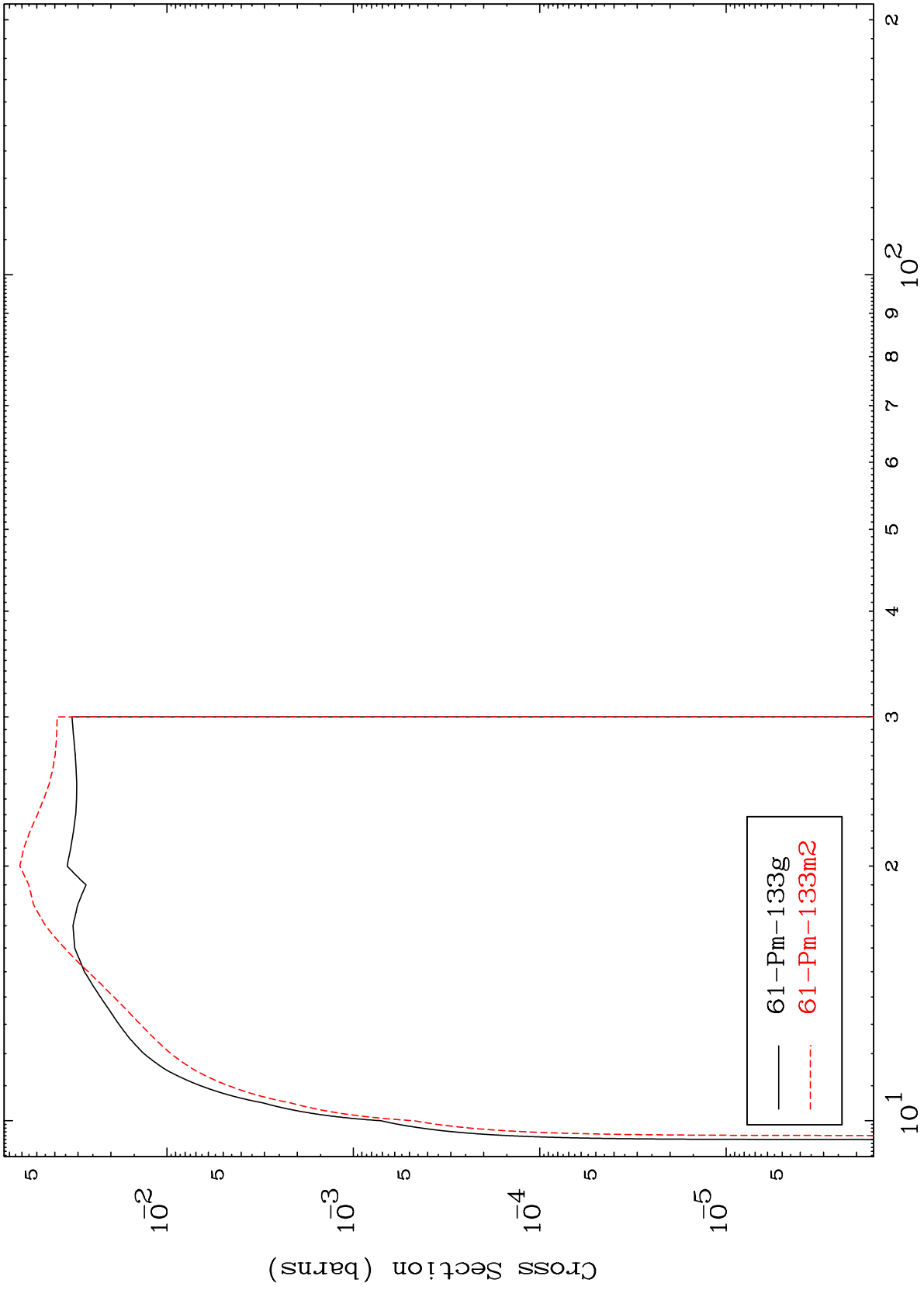
38

61-Pm-134

MAT 6110

61-Pm-134

(n,2n)
Radionuclide Production Cross Section



39

Incident Energy (MeV)

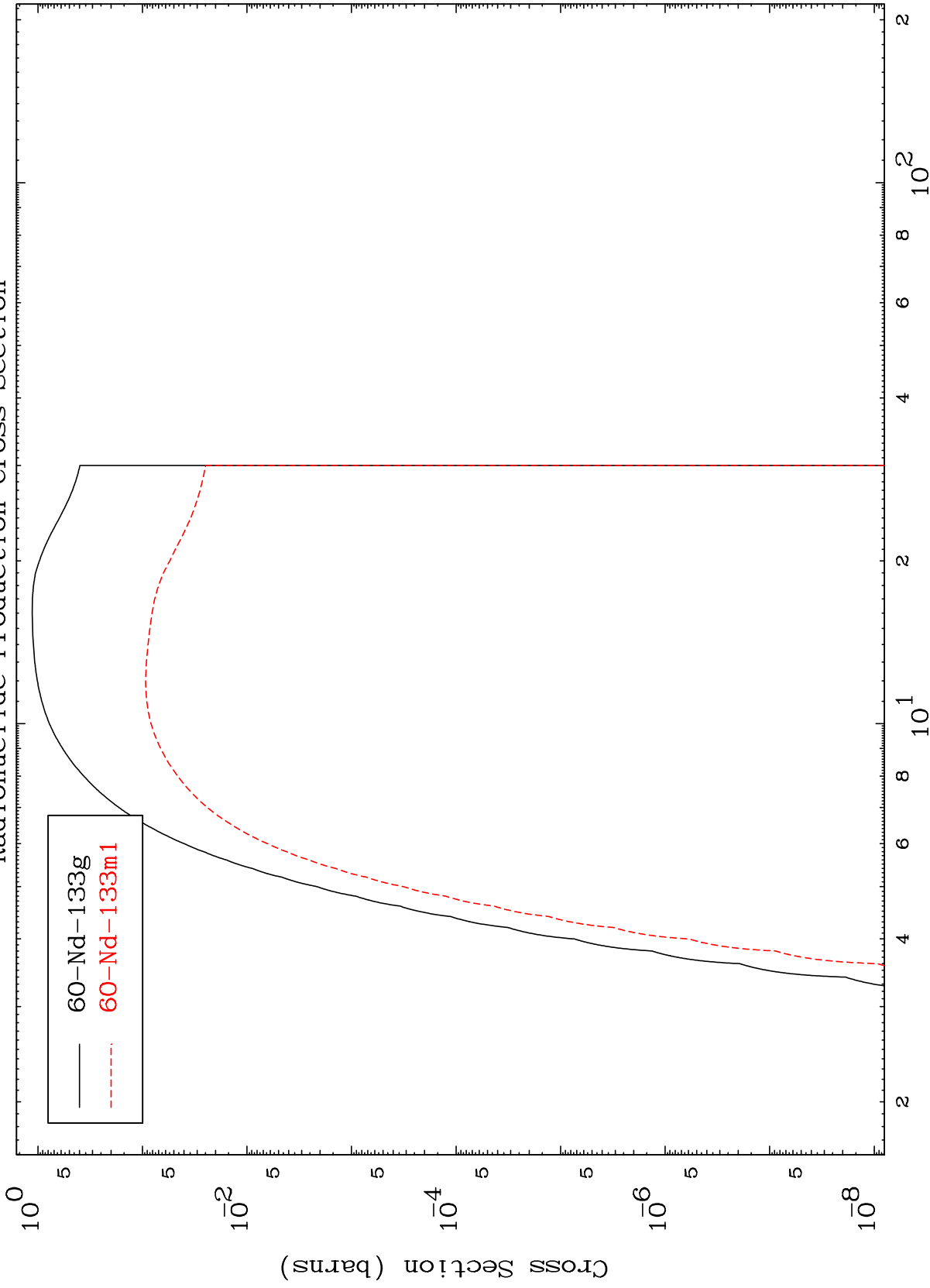
61-Pm-134

MAT 6110

(n,n') p

61-Pm-134

Radionuclide Production Cross Section



40

Incident Energy (MeV)

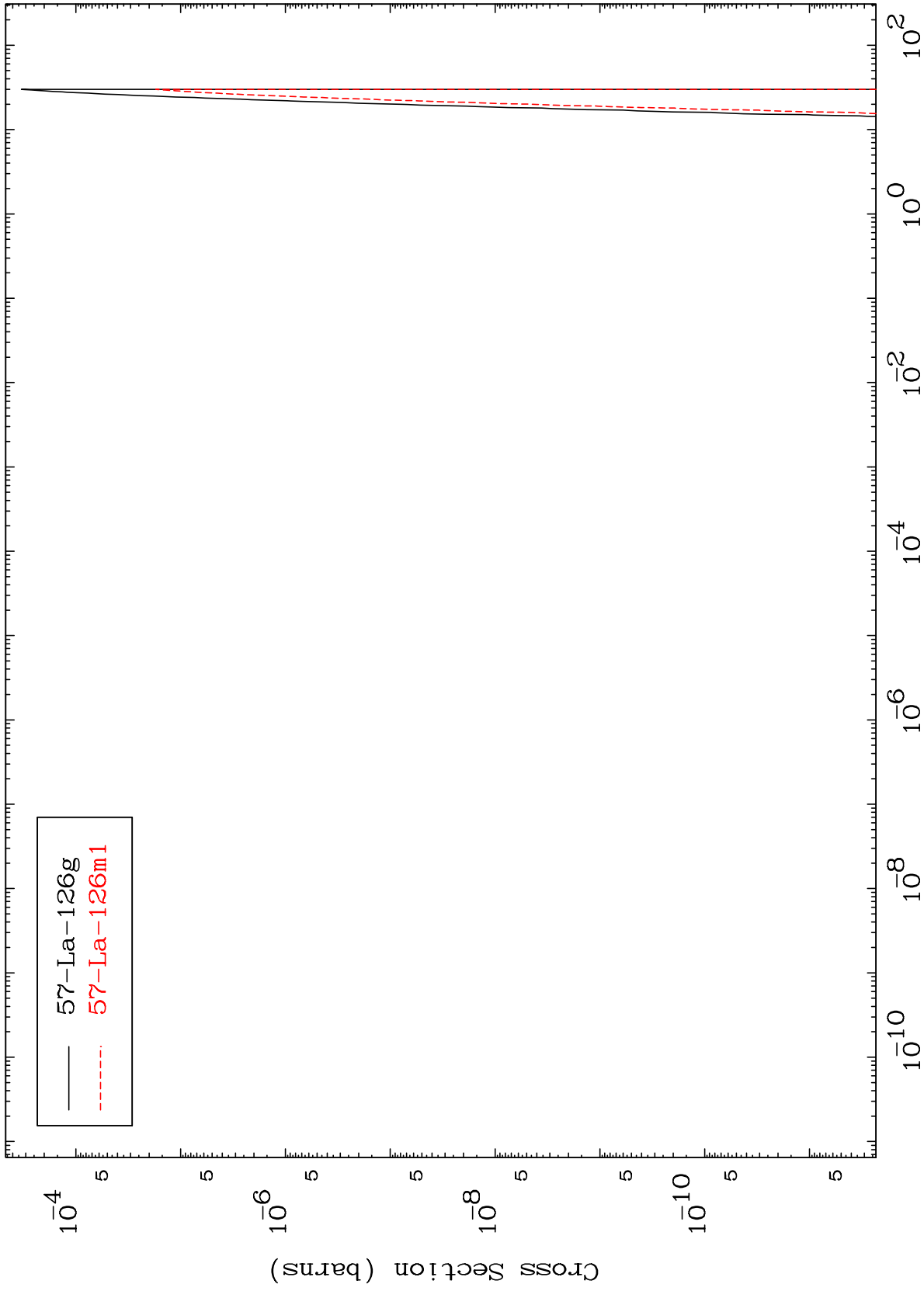
61-Pm-134

MAT 6110

(n,n') 2 α

61-Pm-134

Radionuclide Production Cross Section



41

Incident Energy (MeV)

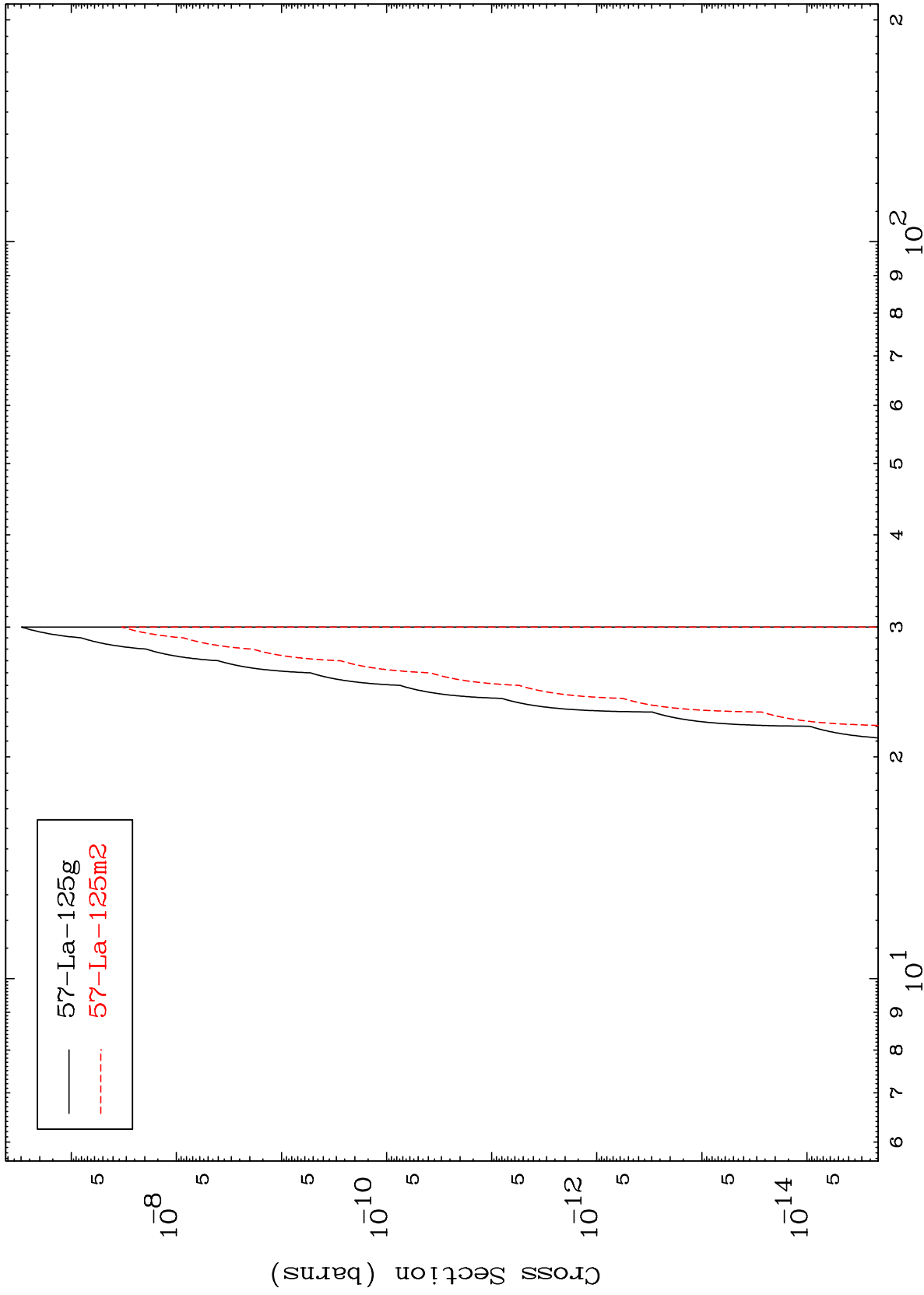
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MAT 6110

(n,2n) 2α

61-Pm-134

Radionuclide Production Cross Section



42

Incident Energy (MeV)

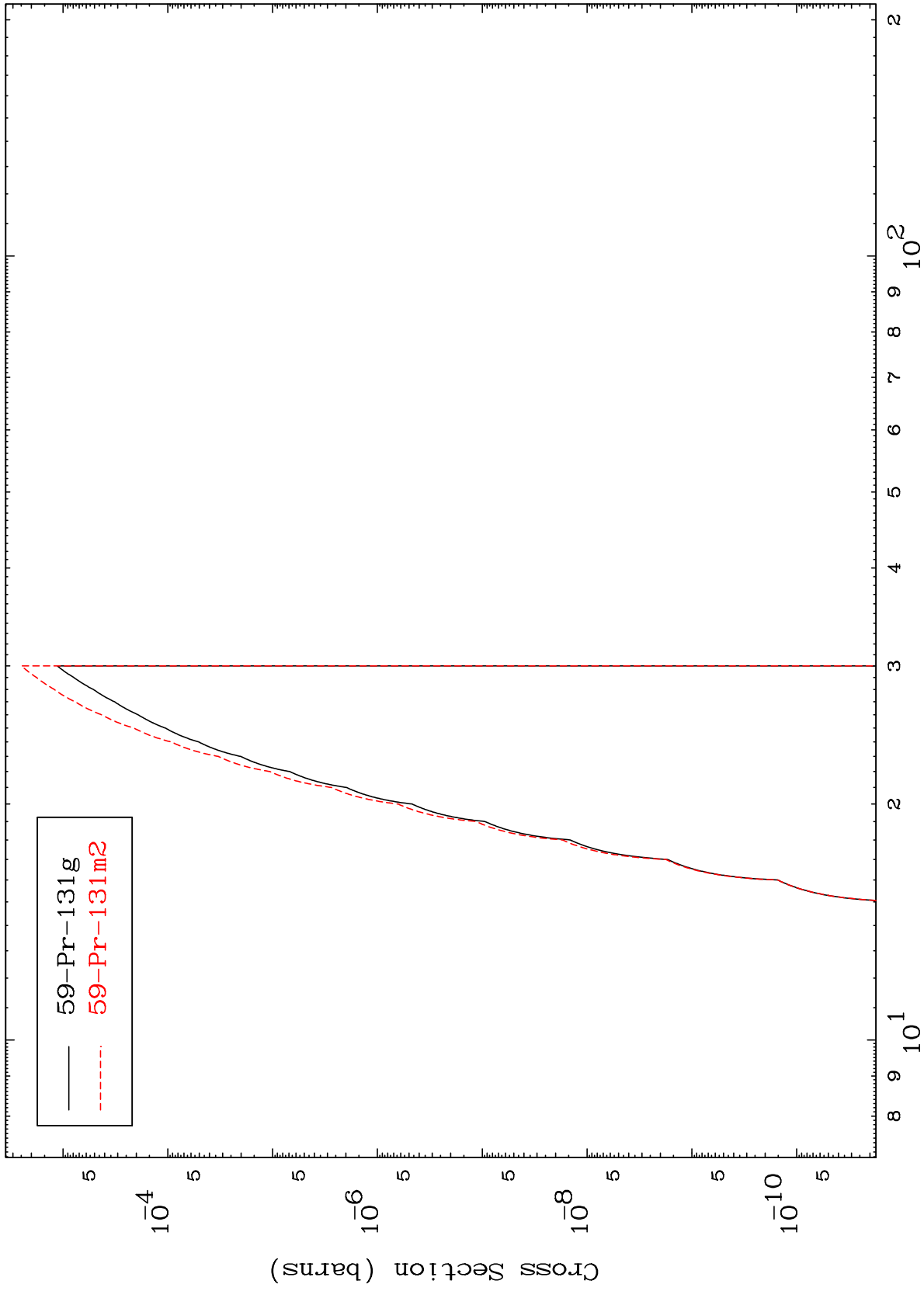
61-Pm-134

MAT 6110

(n, n') He-3

61-Pm-134

Radionuclide Production Cross Section



43

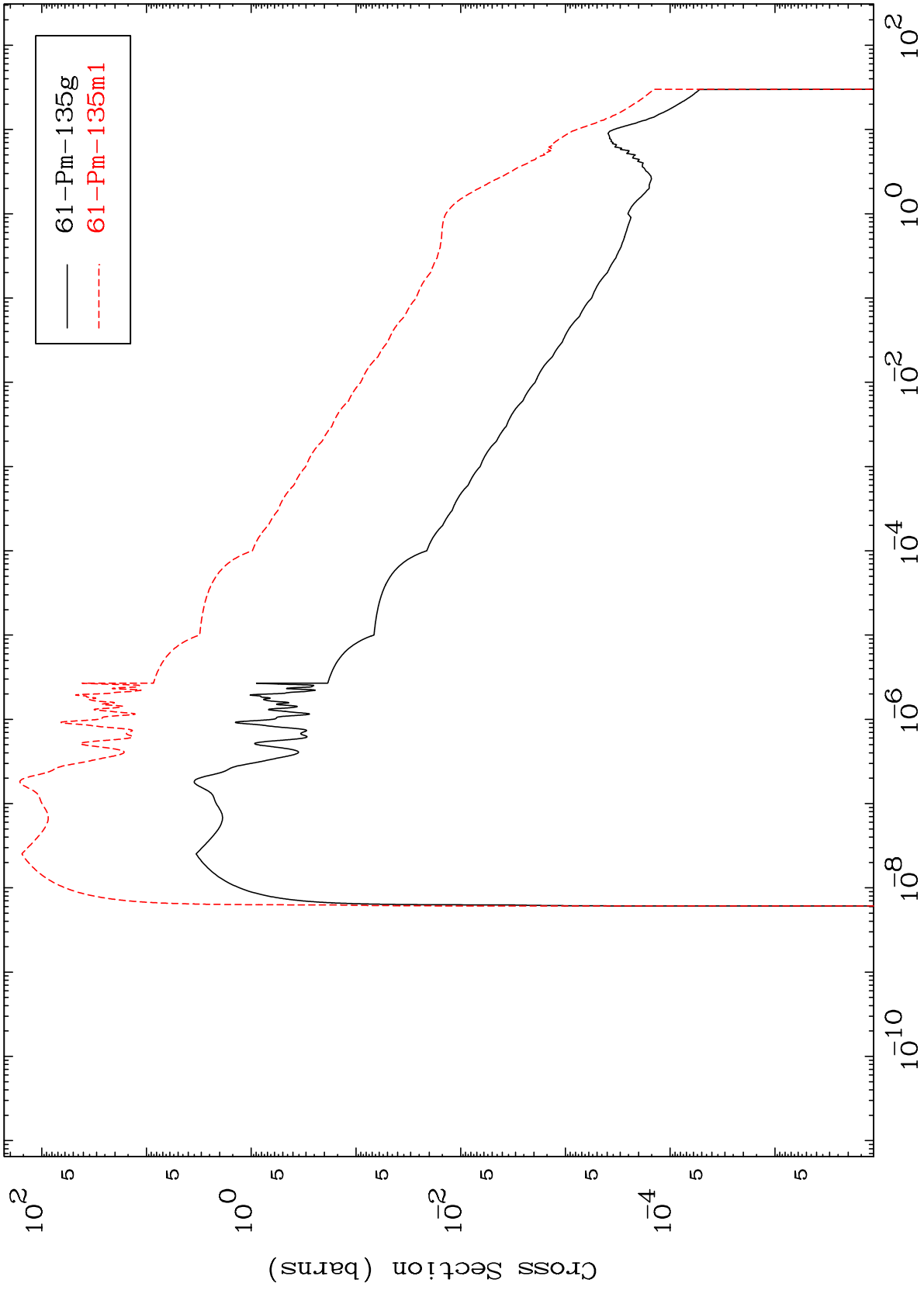
Incident Energy (MeV)

61-Pm-134

MAT 6110

61-Pm-134

Radionuclide Production Cross Section
(n,γ)

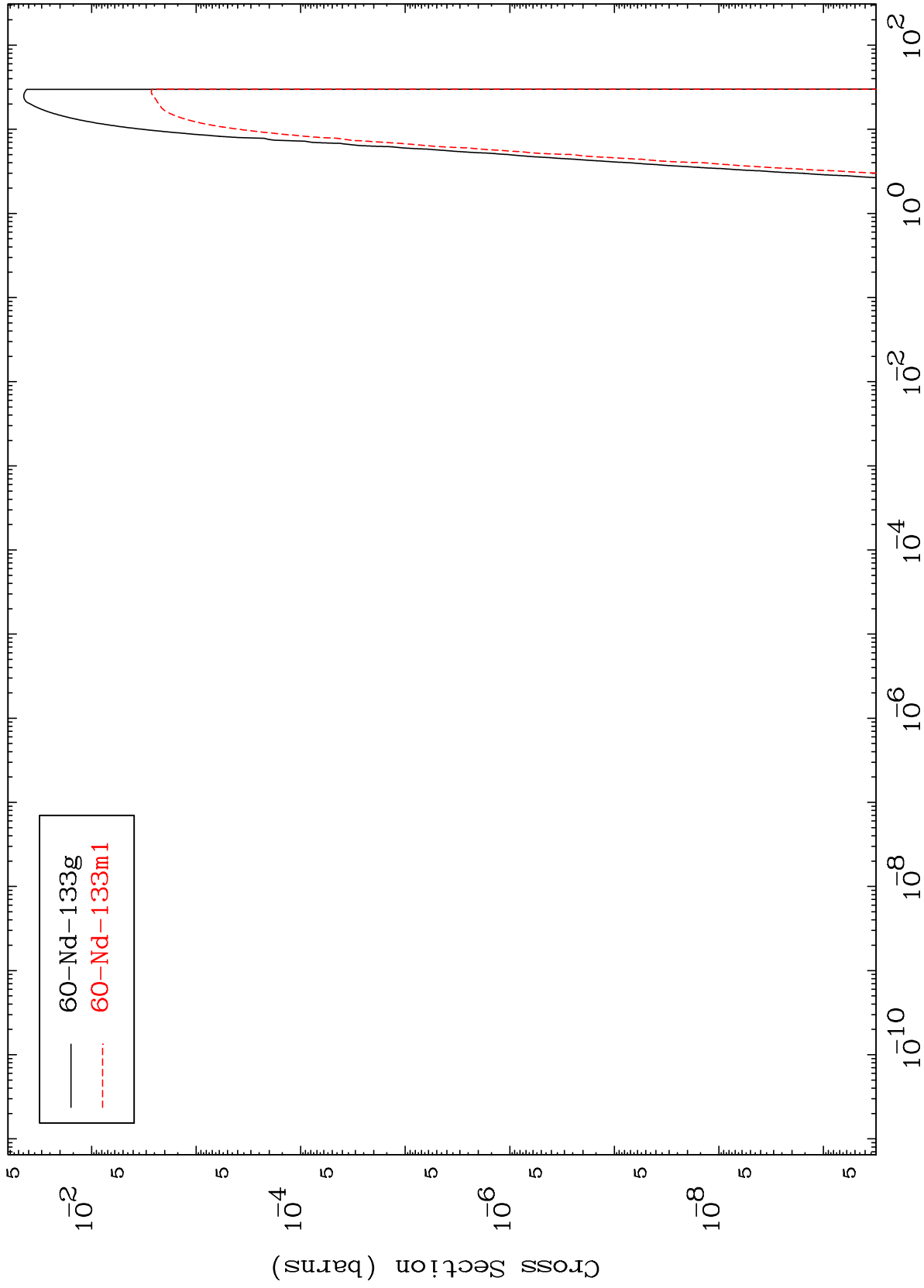


MAT 6110

(n,d)

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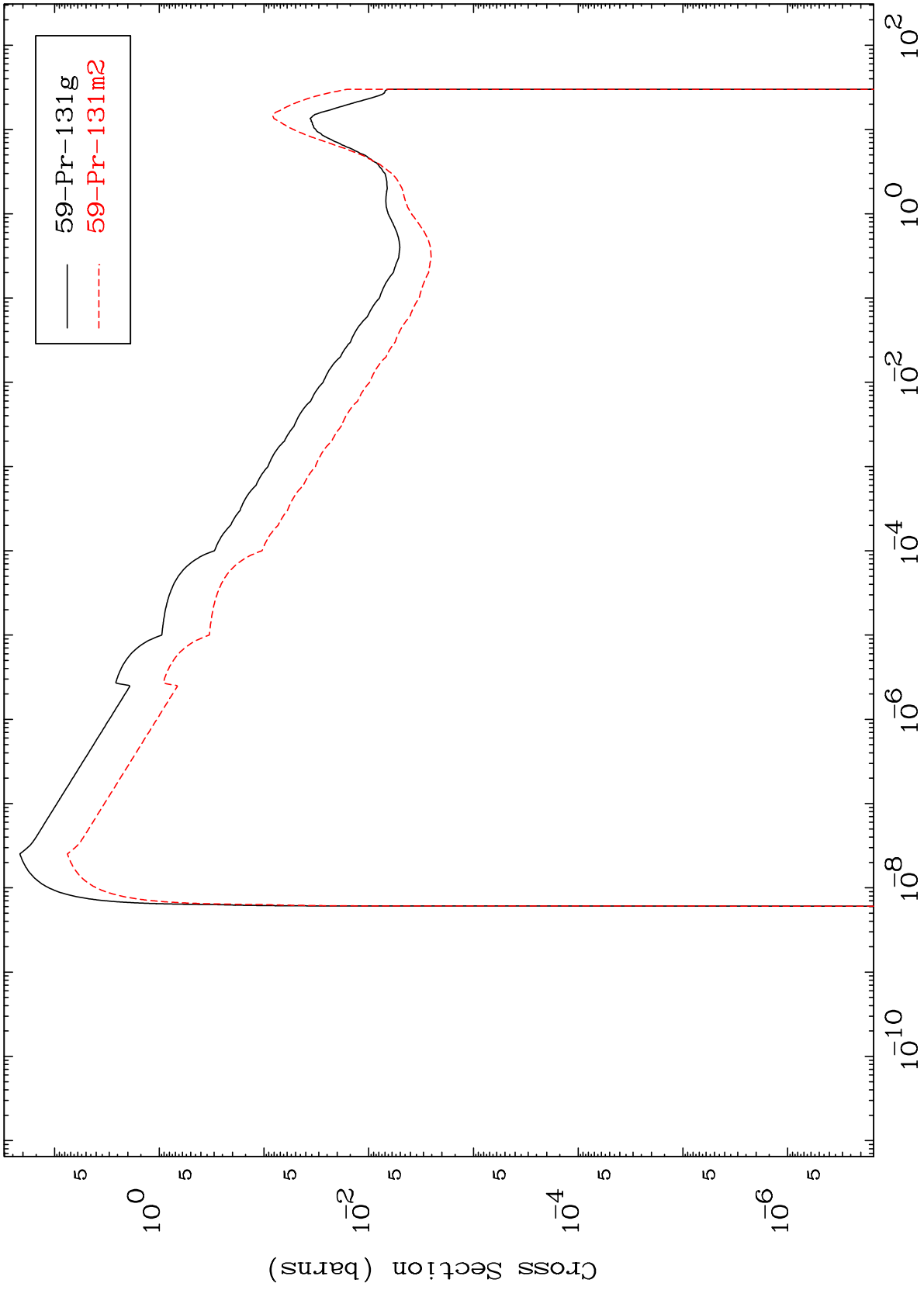
Radionuclide Production Cross Section



MAT 6110

61-Pm-134

(n,α)
Radionuclide Production Cross Section



46

61-Pm-134

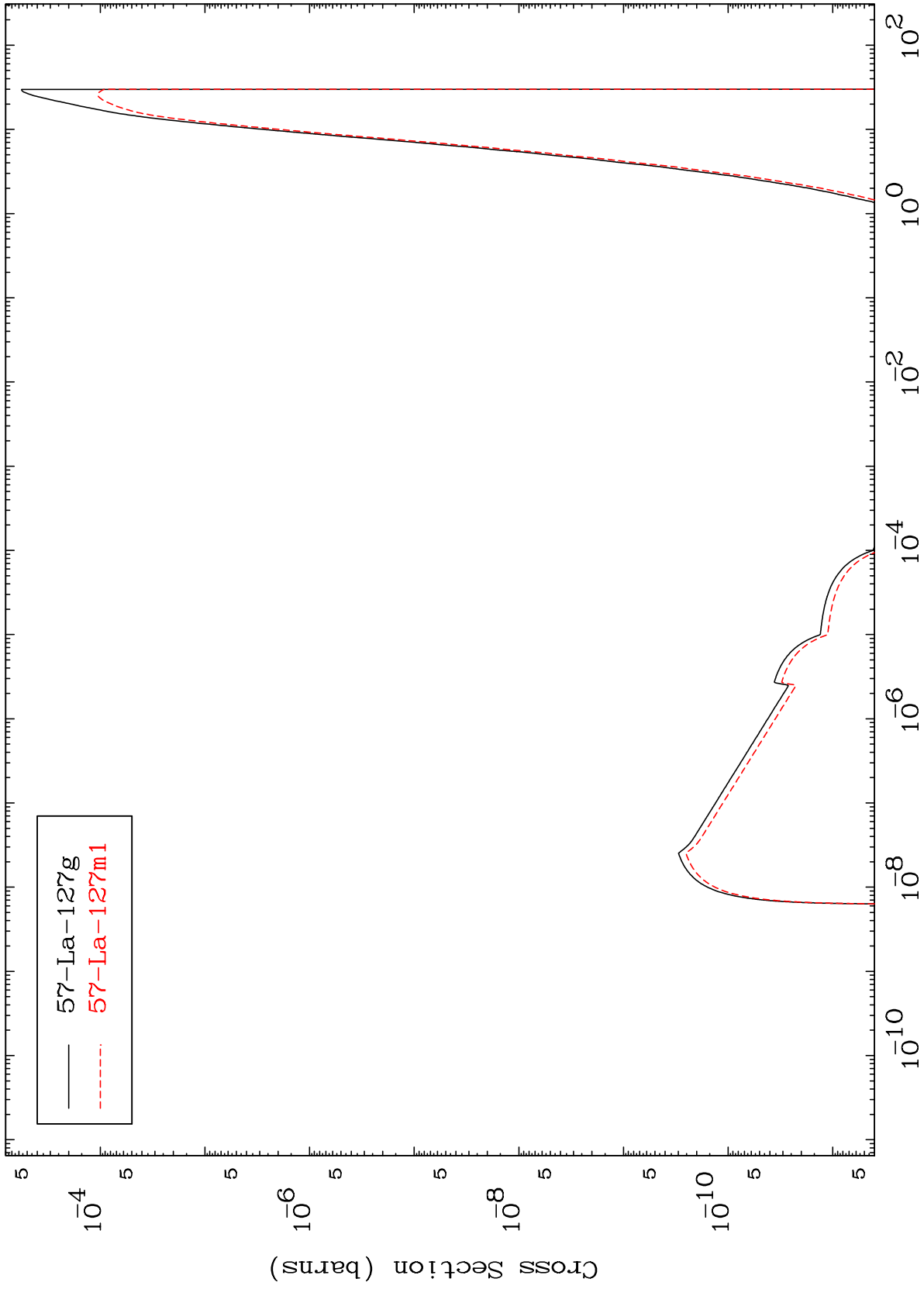
Incident Energy (MeV)

MAT 6110

(n,2α)

61-Pm-134

Radionuclide Production Cross Section



47

Incident Energy (MeV)

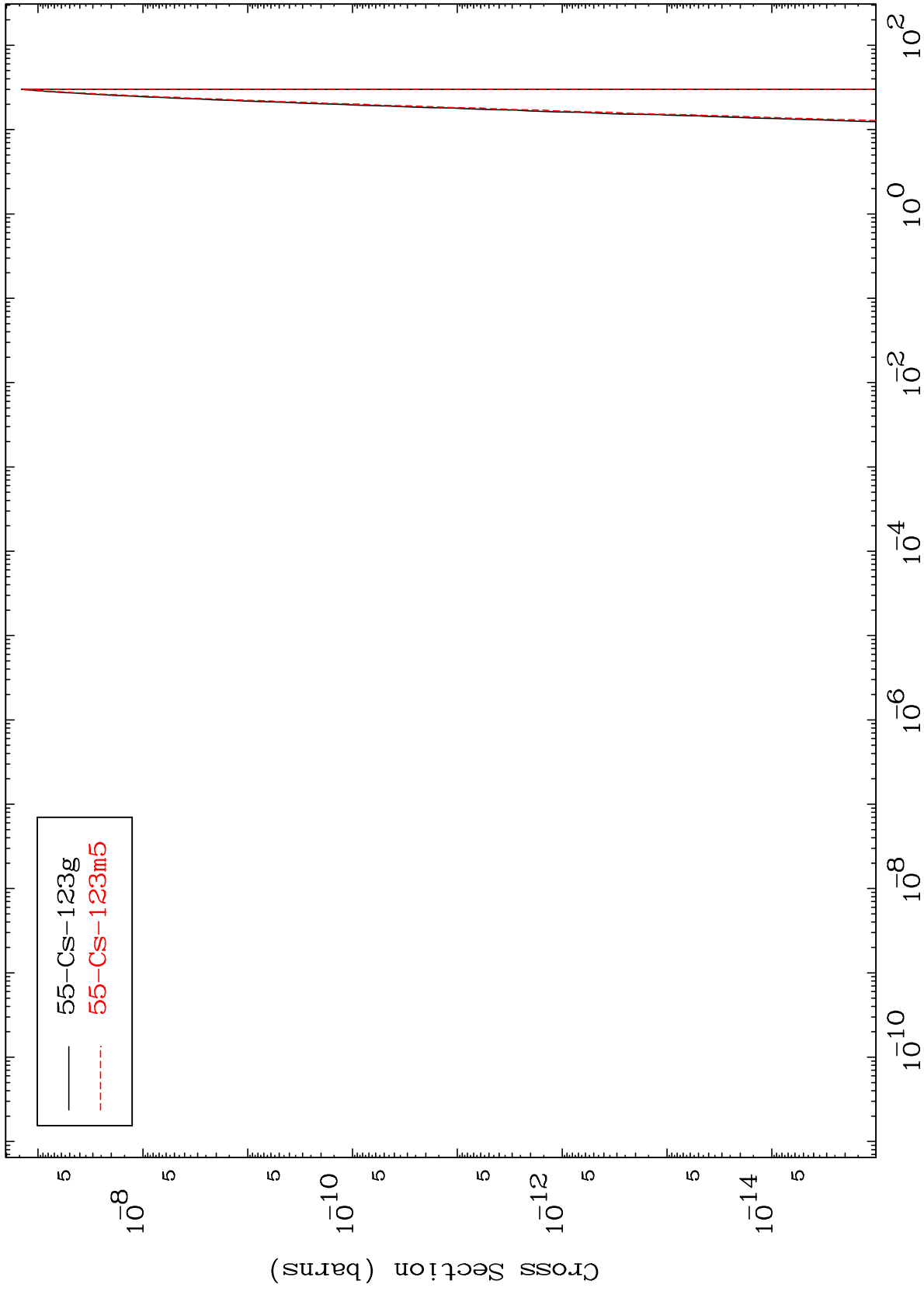
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MAT 6110

(n,3α)

61-Pm-134

Radionuclide Production Cross Section



48

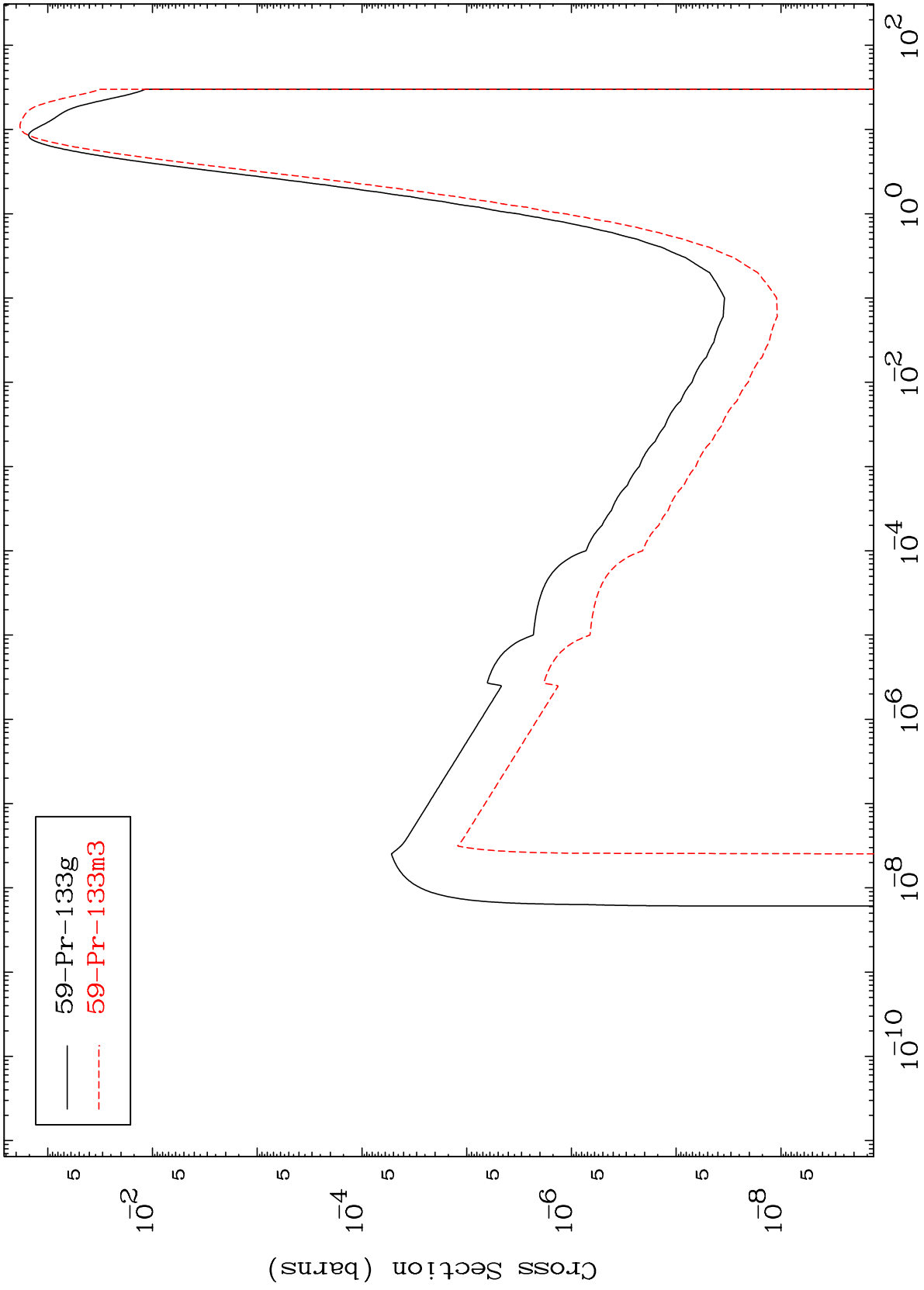
Incident Energy (MeV)

61-Pm-134

MAT 6110

Radionuclide Production Cross Section
(n,2p)

61-Pm-134



49

Incident Energy (MeV)

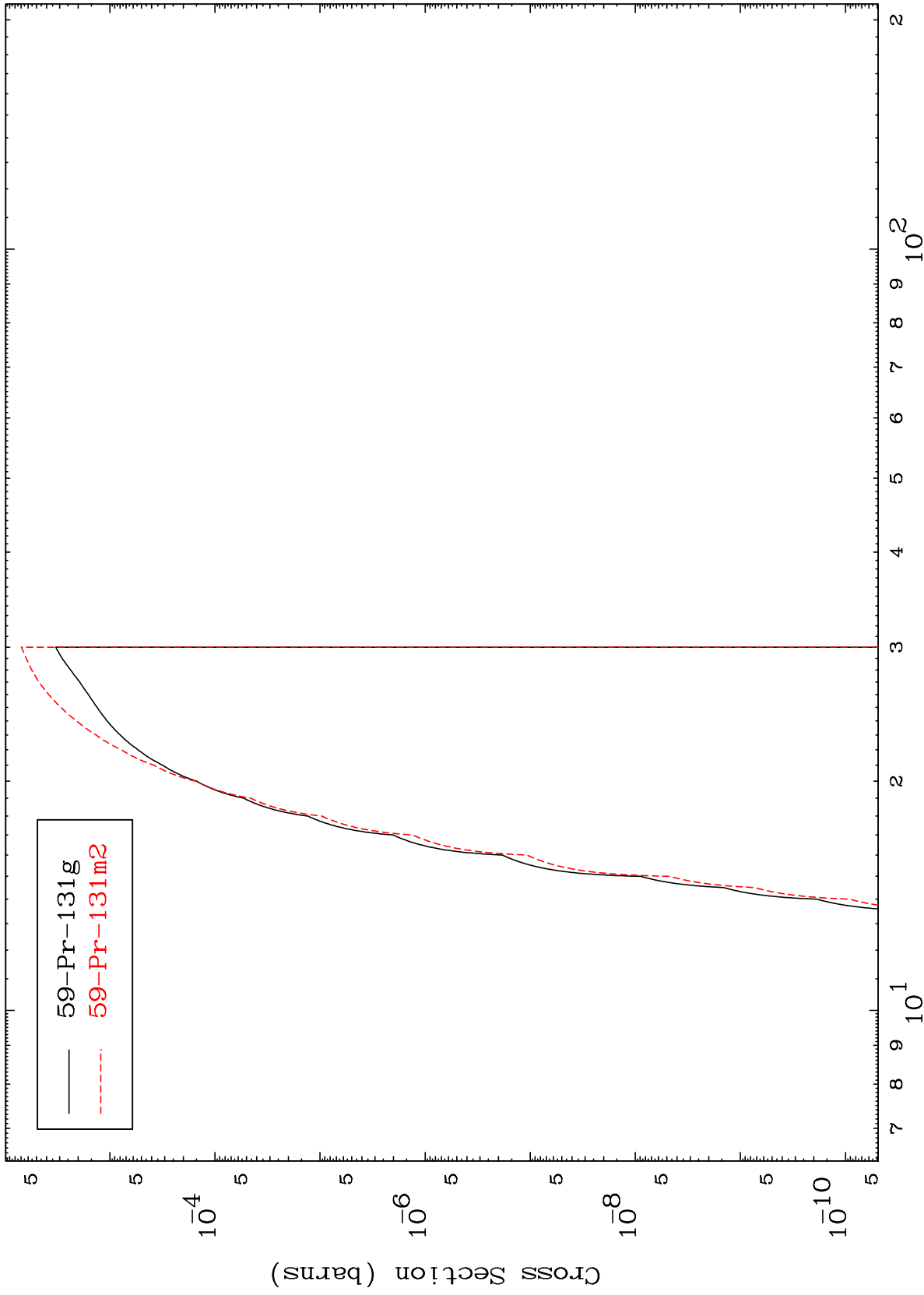
61-Pm-134

MAT 6110

(n,p) t

61-Pm-134

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

50

Incident Energy (MeV)

61-Pm-134