

Program EVALPLOT
(Version 2021-1)

by

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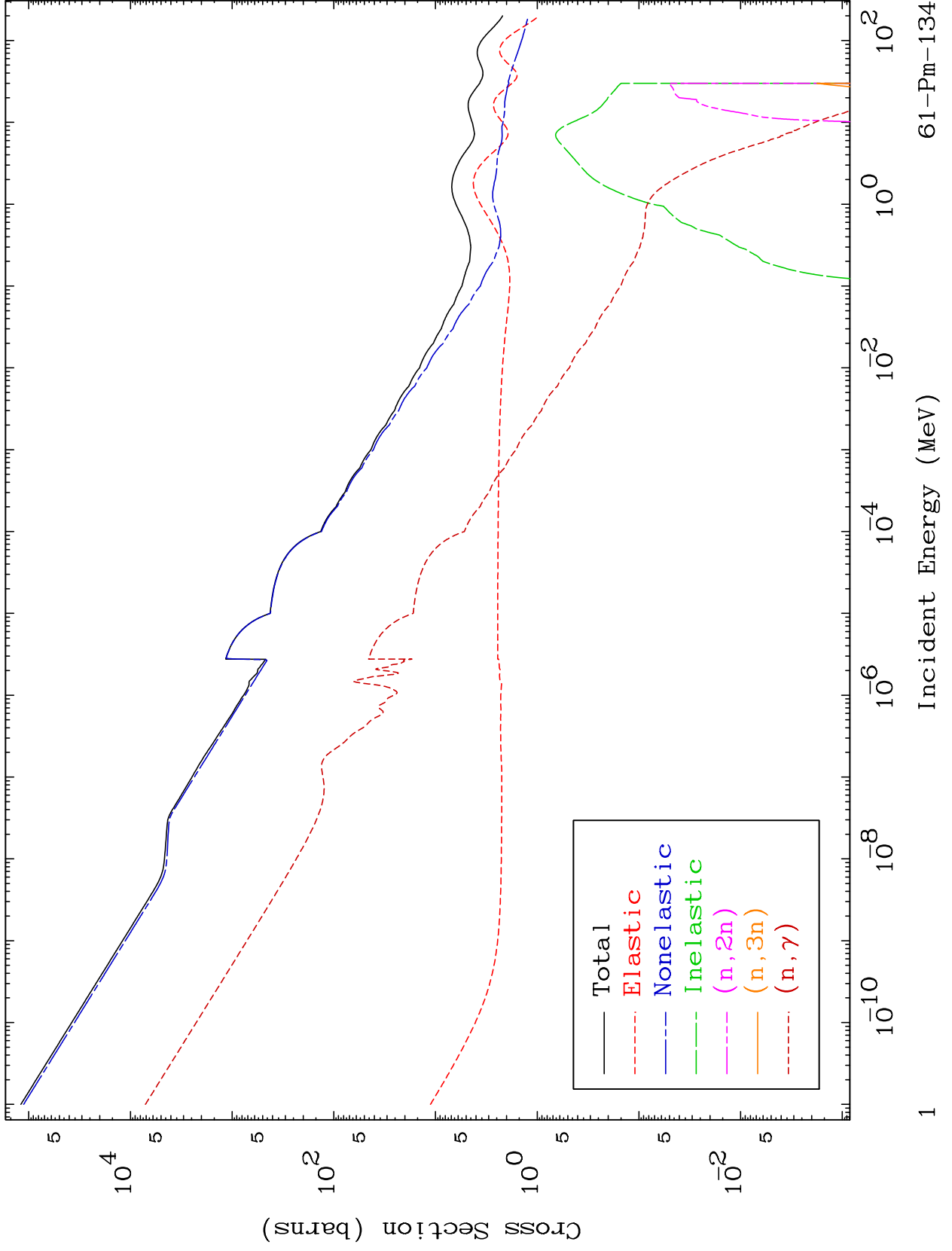
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Press Mouse Button to Start

MAT 6110

Neutron Major
293 Kelvin Cross Sections

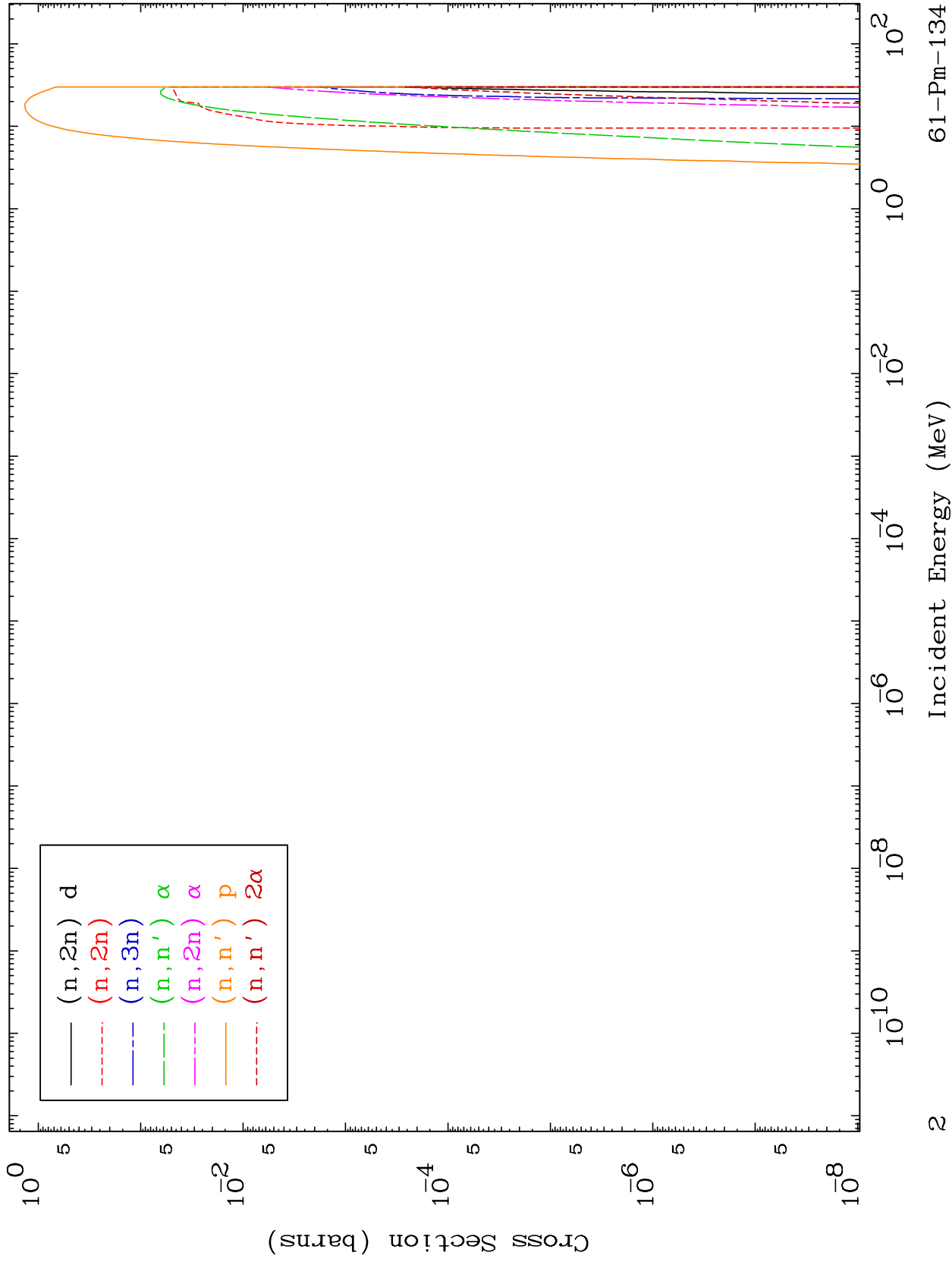
61-Pm-134



MAT 6110

Neutron Absorption
293 Kelvin Cross Sections

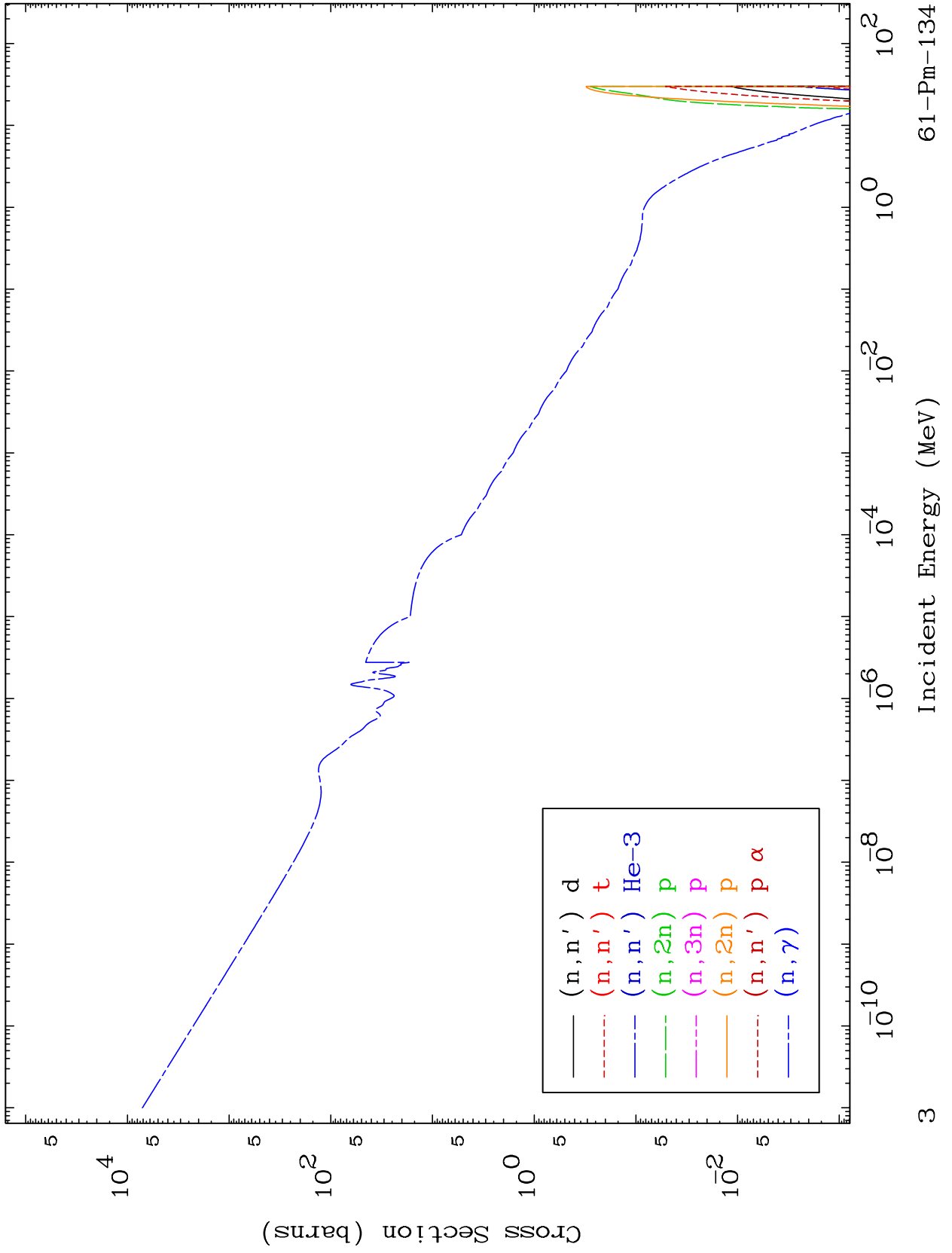
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MAT 6110

Neutron Absorption
293 Kelvin Cross Sections

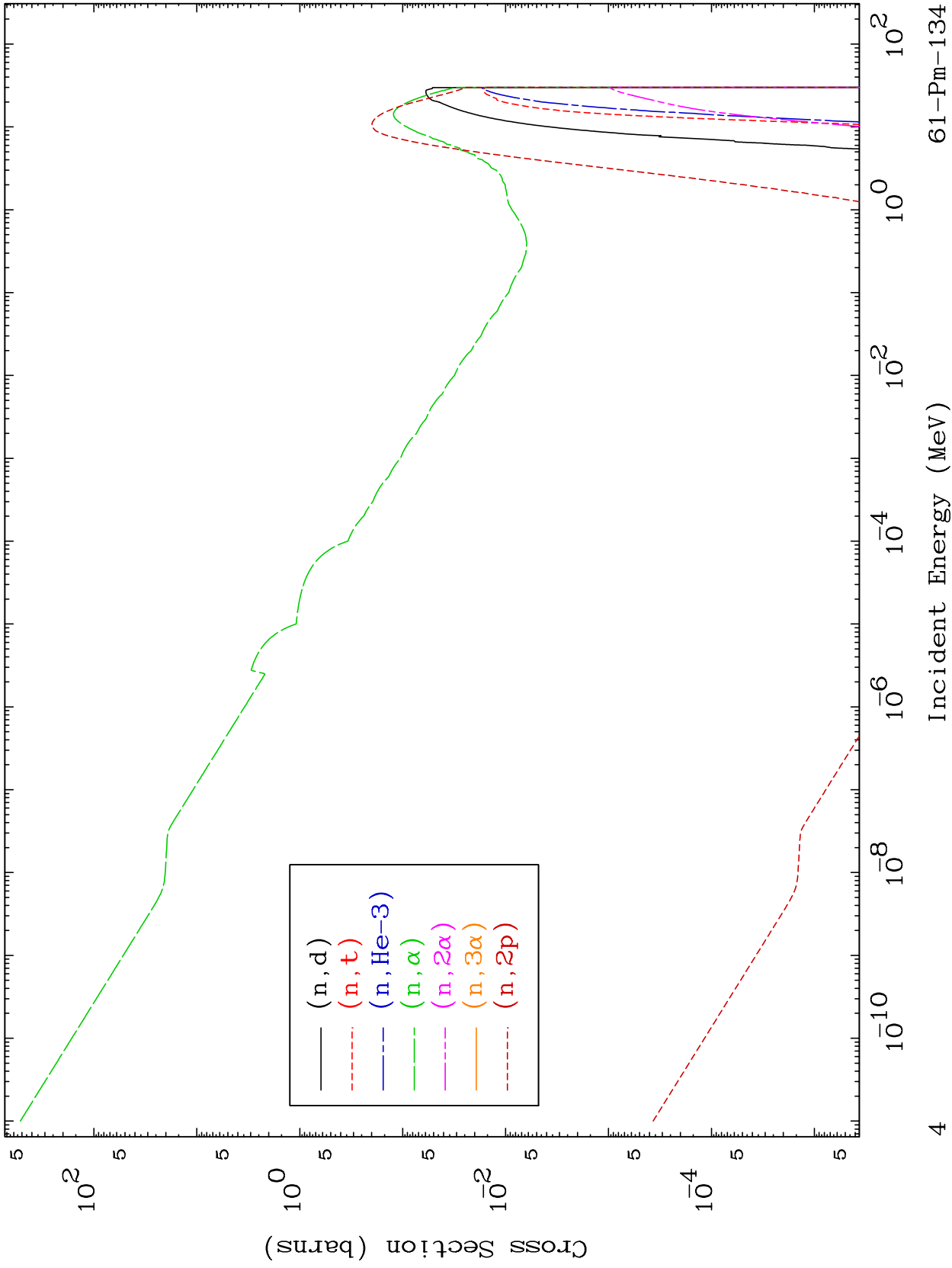
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MAT 6110

Neutron Absorption
293 Kelvin Cross Sections

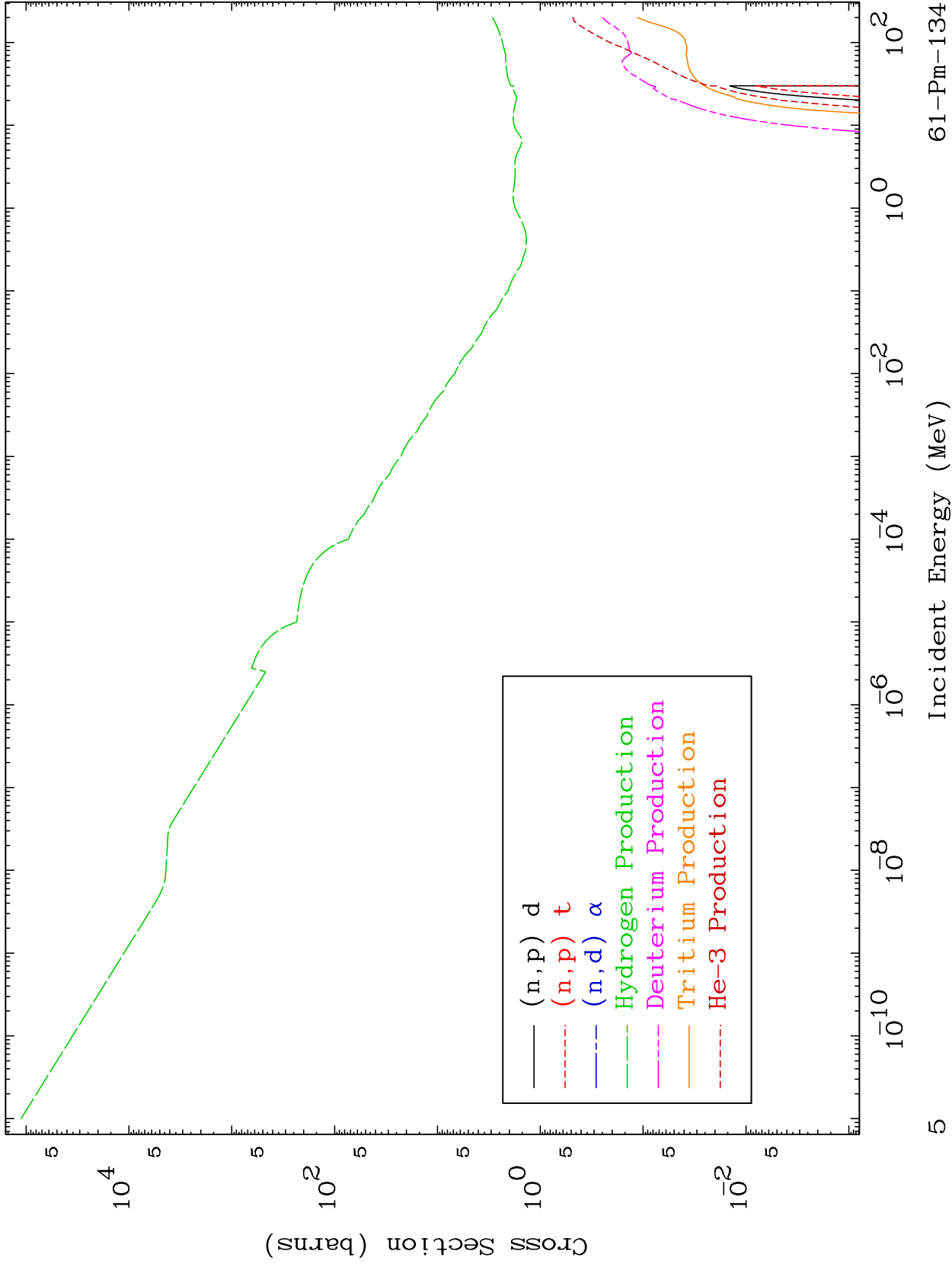
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MAT 6110

Neutron Absorption
293 Kelvin Cross Sections

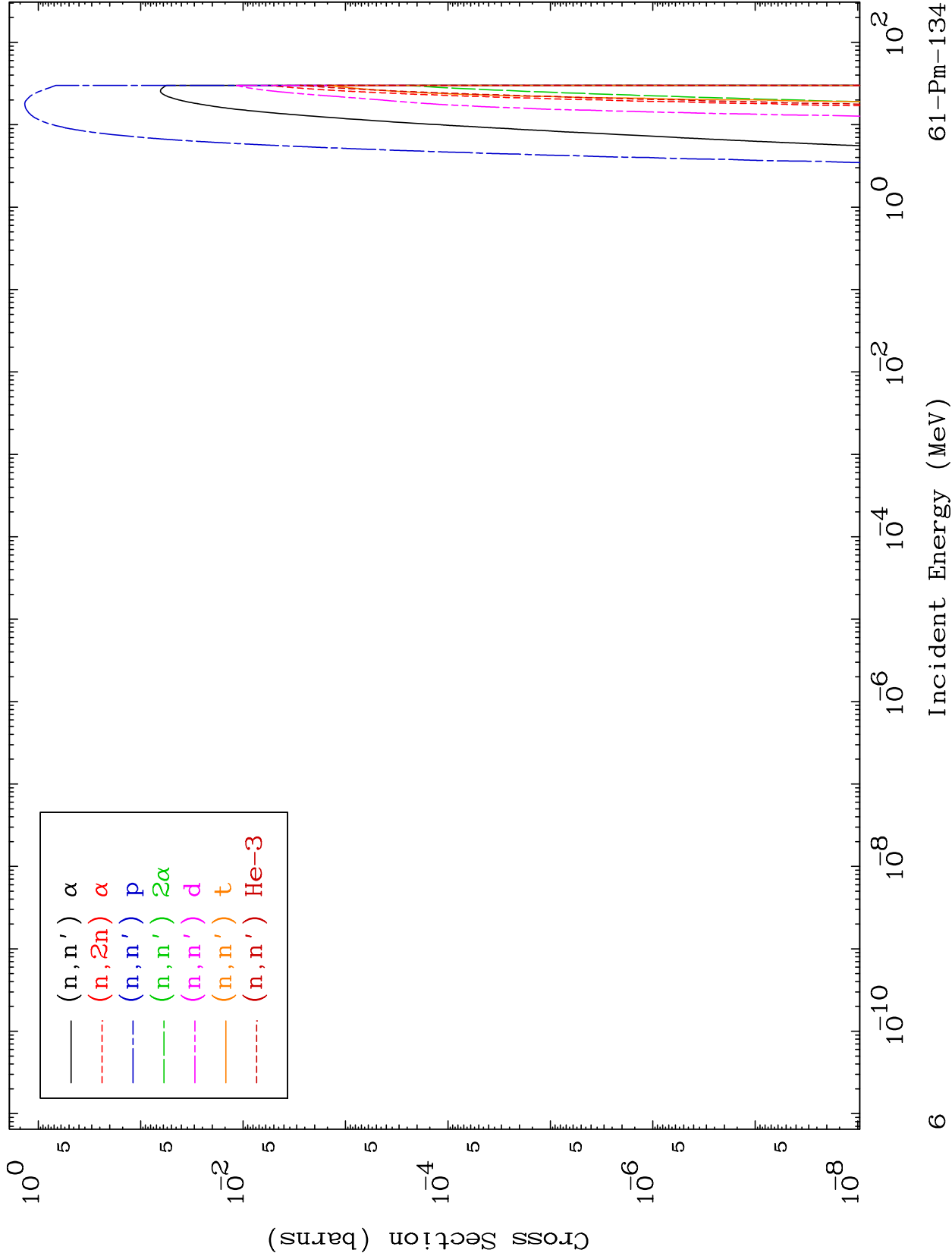
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MAT 6110

Charged Particle
293 Kelvin Cross Sections

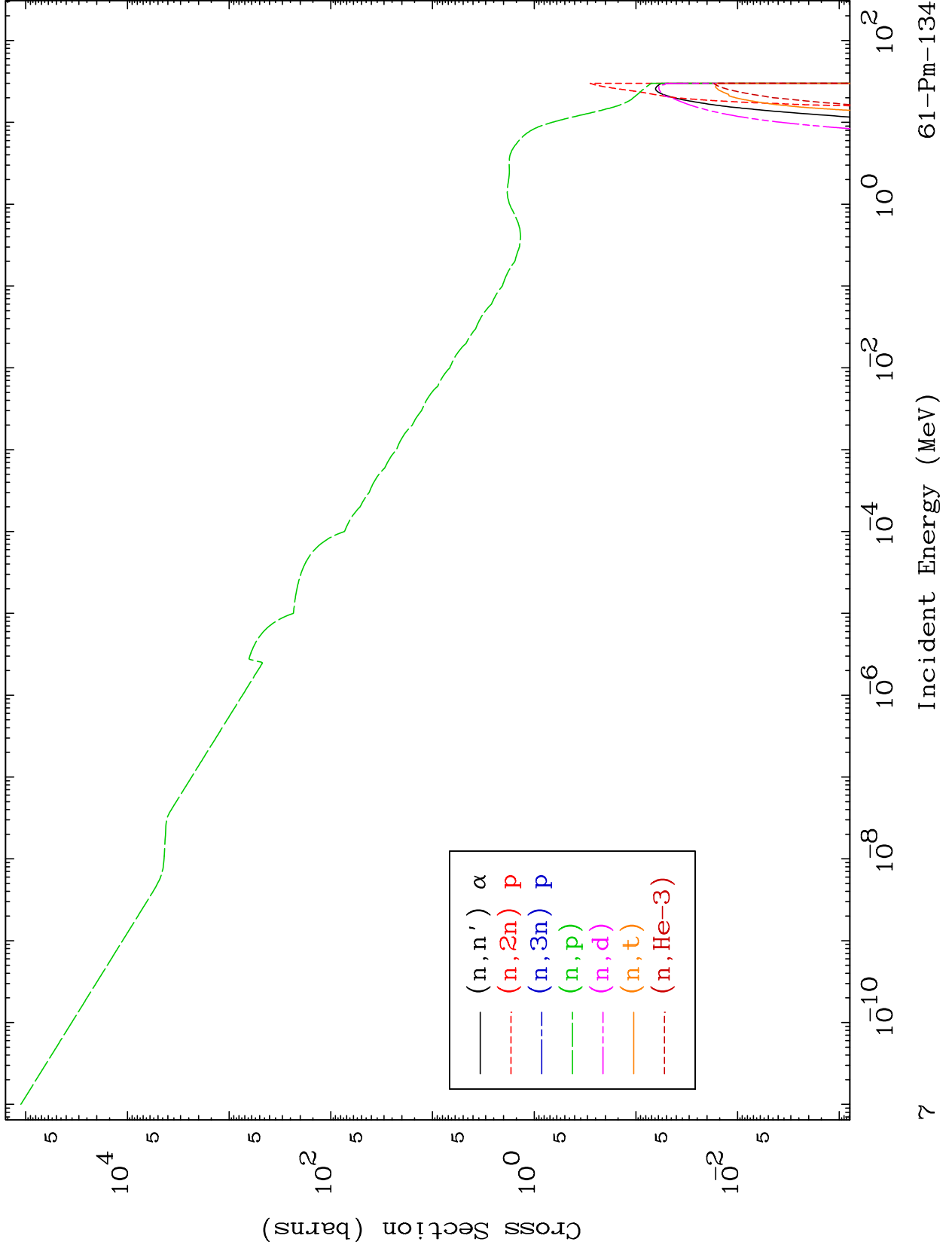
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MAT 6110

Charged Particle
293 Kelvin Cross Sections

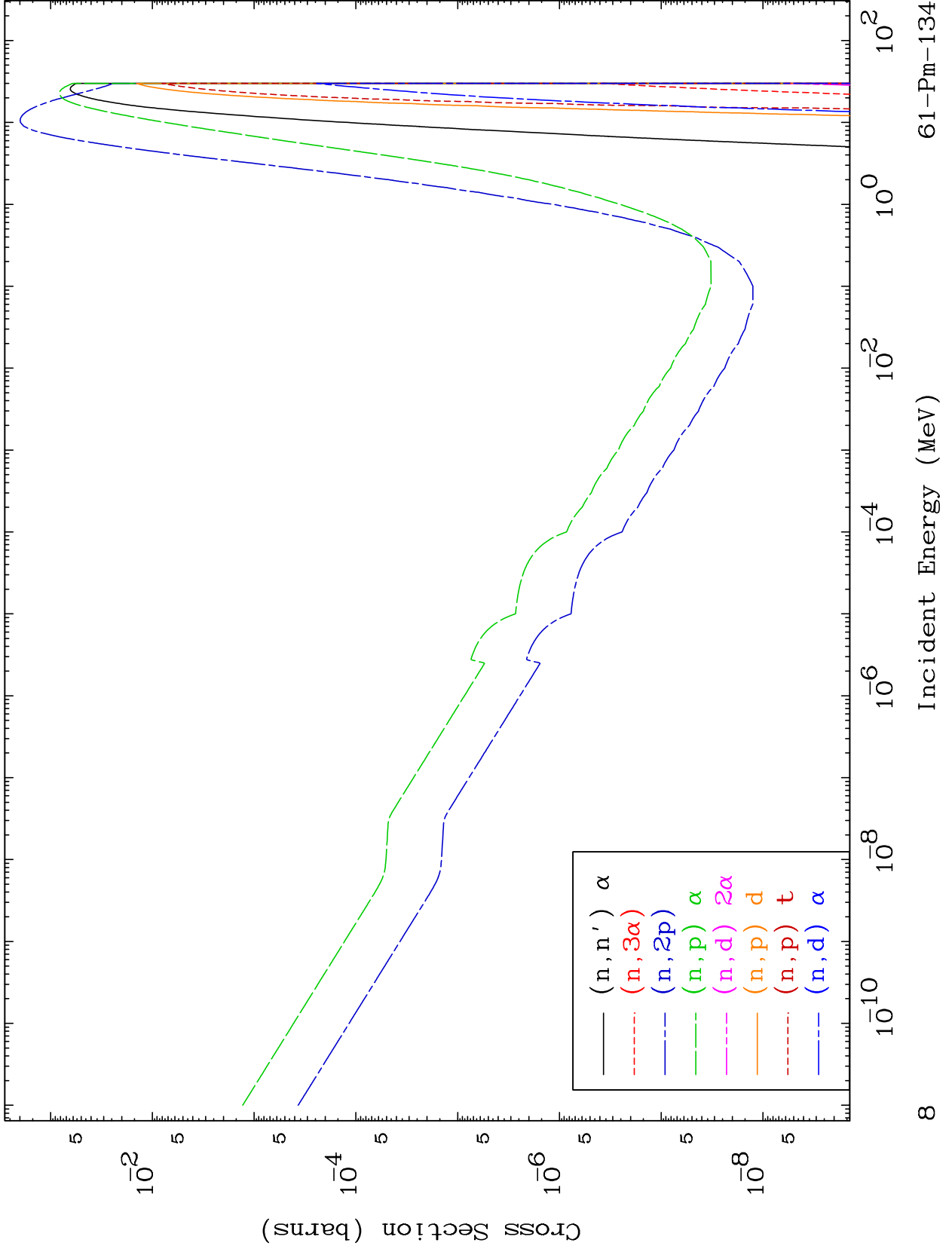
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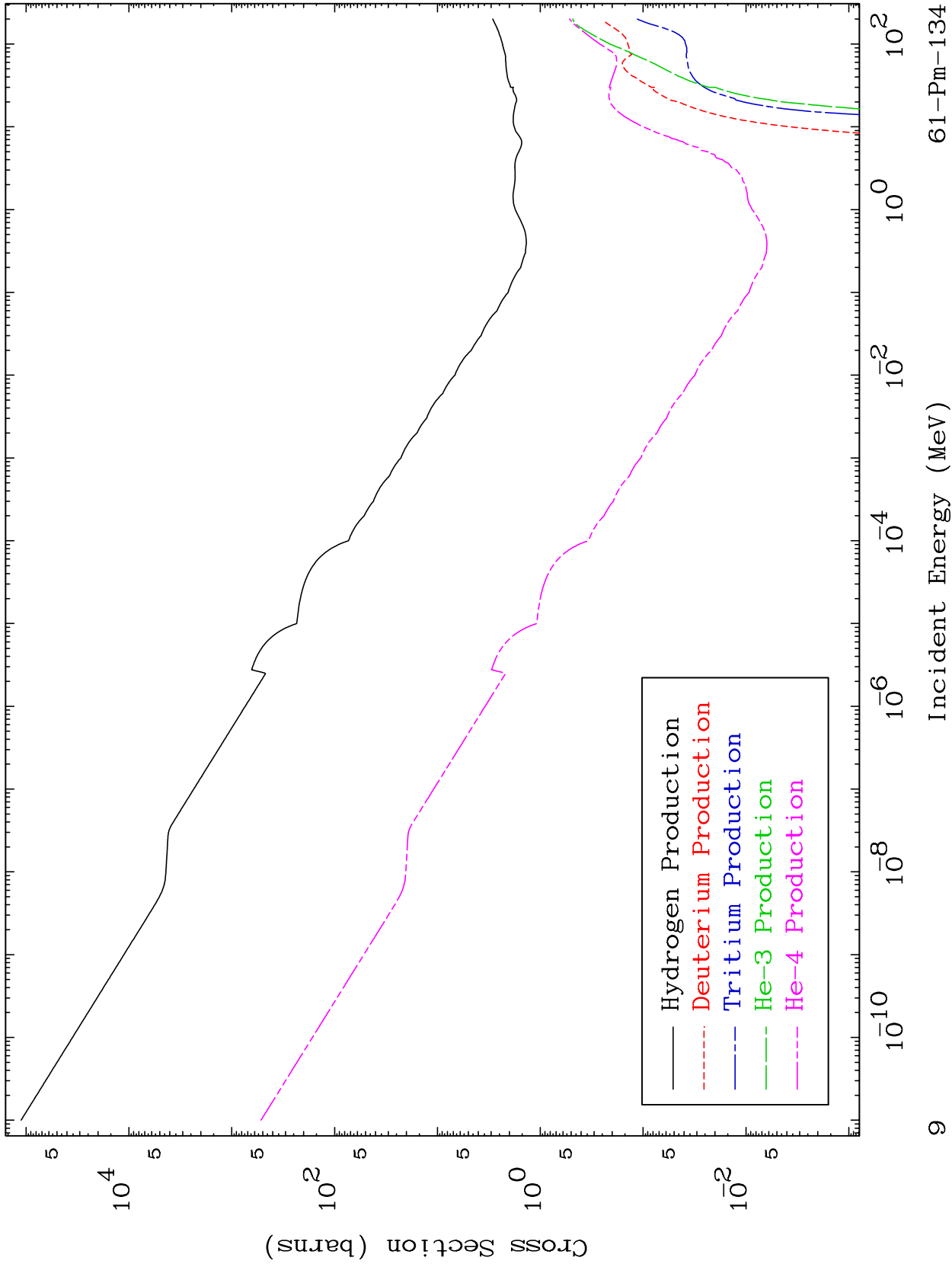


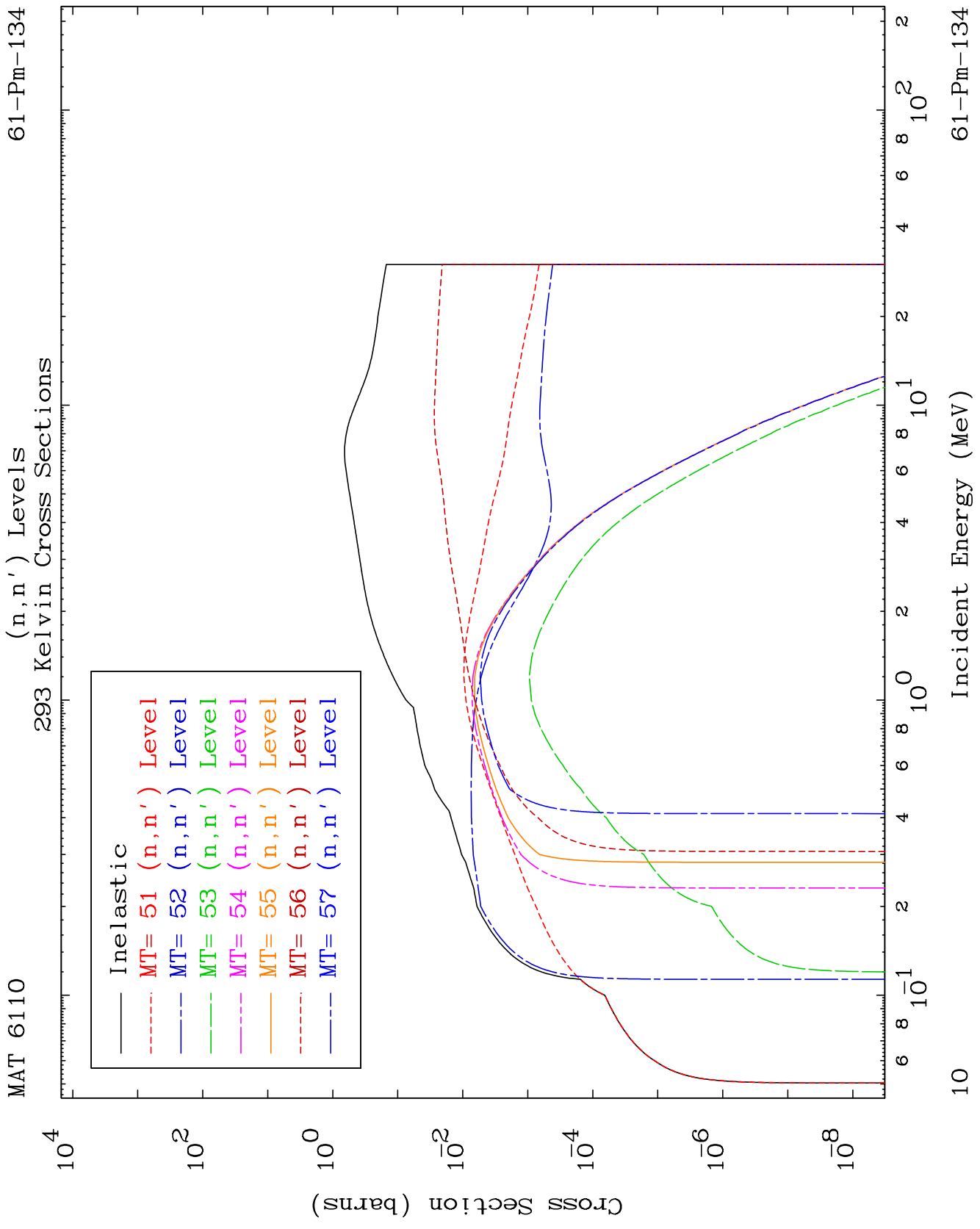
MAT 6110

Charged Particle
293 Kelvin Cross Sections

61-Pm-134



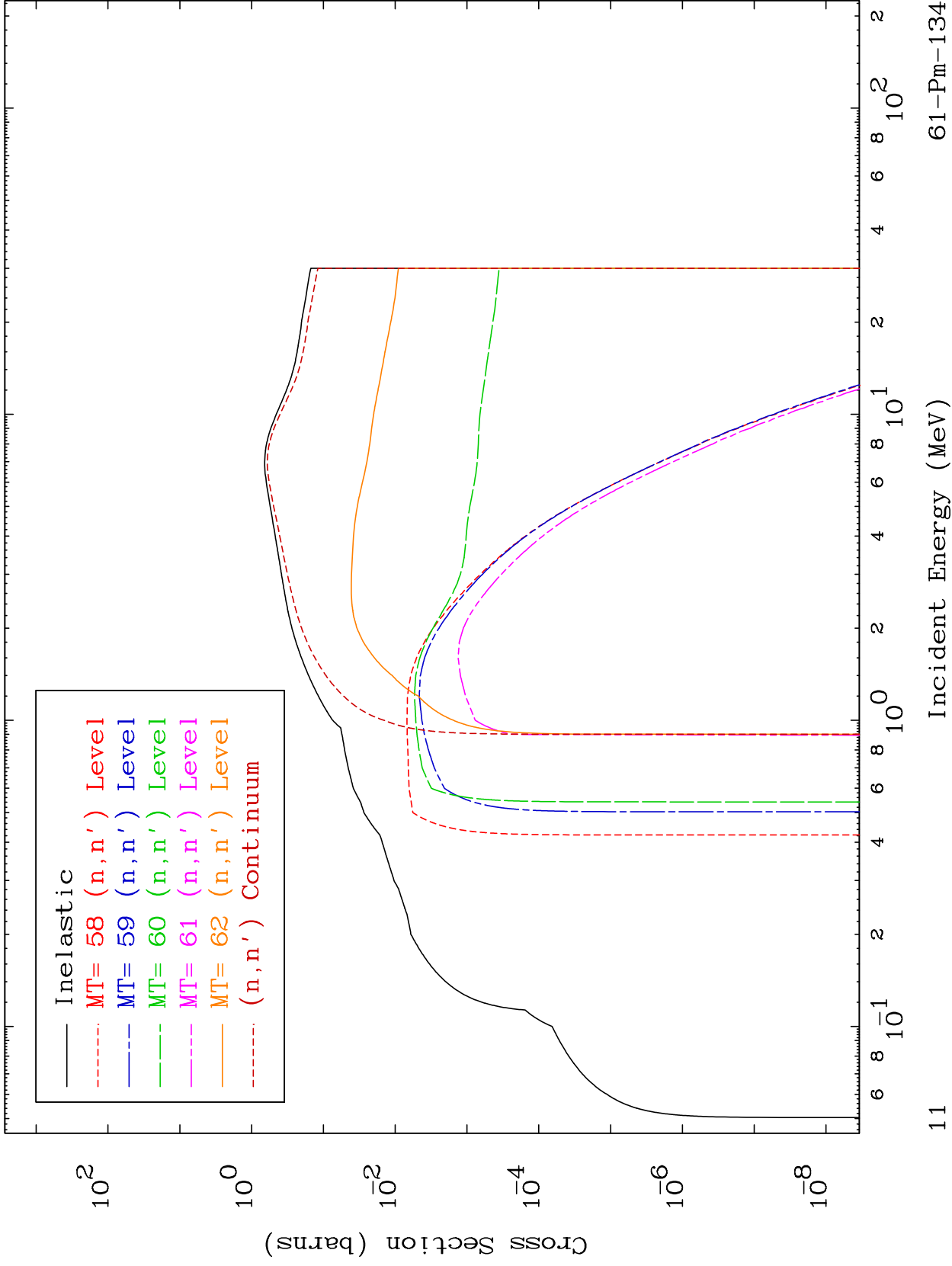


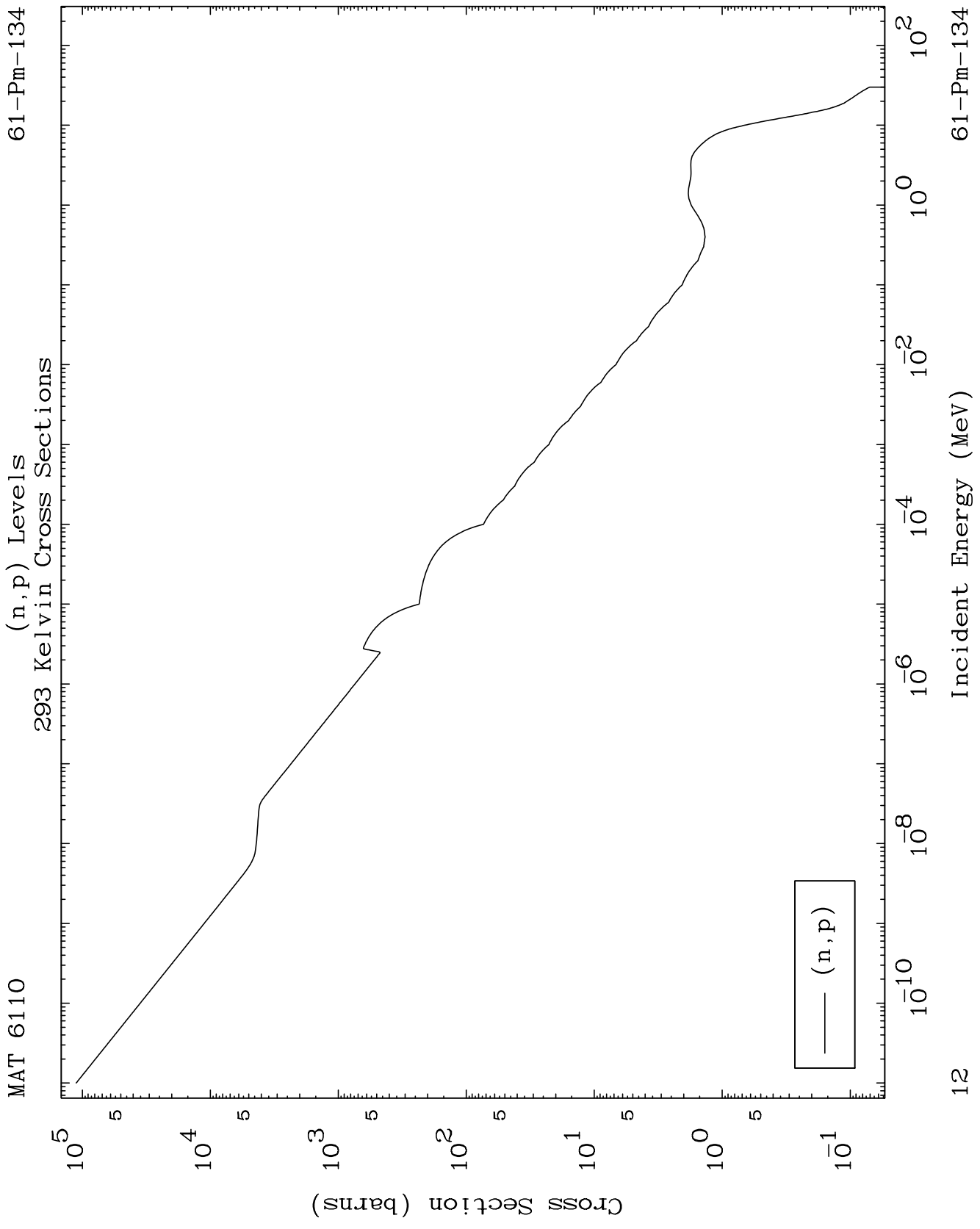


MAT 6110

293 Kelvin Cross Sections
(n,n') Levels

61-Pm-134

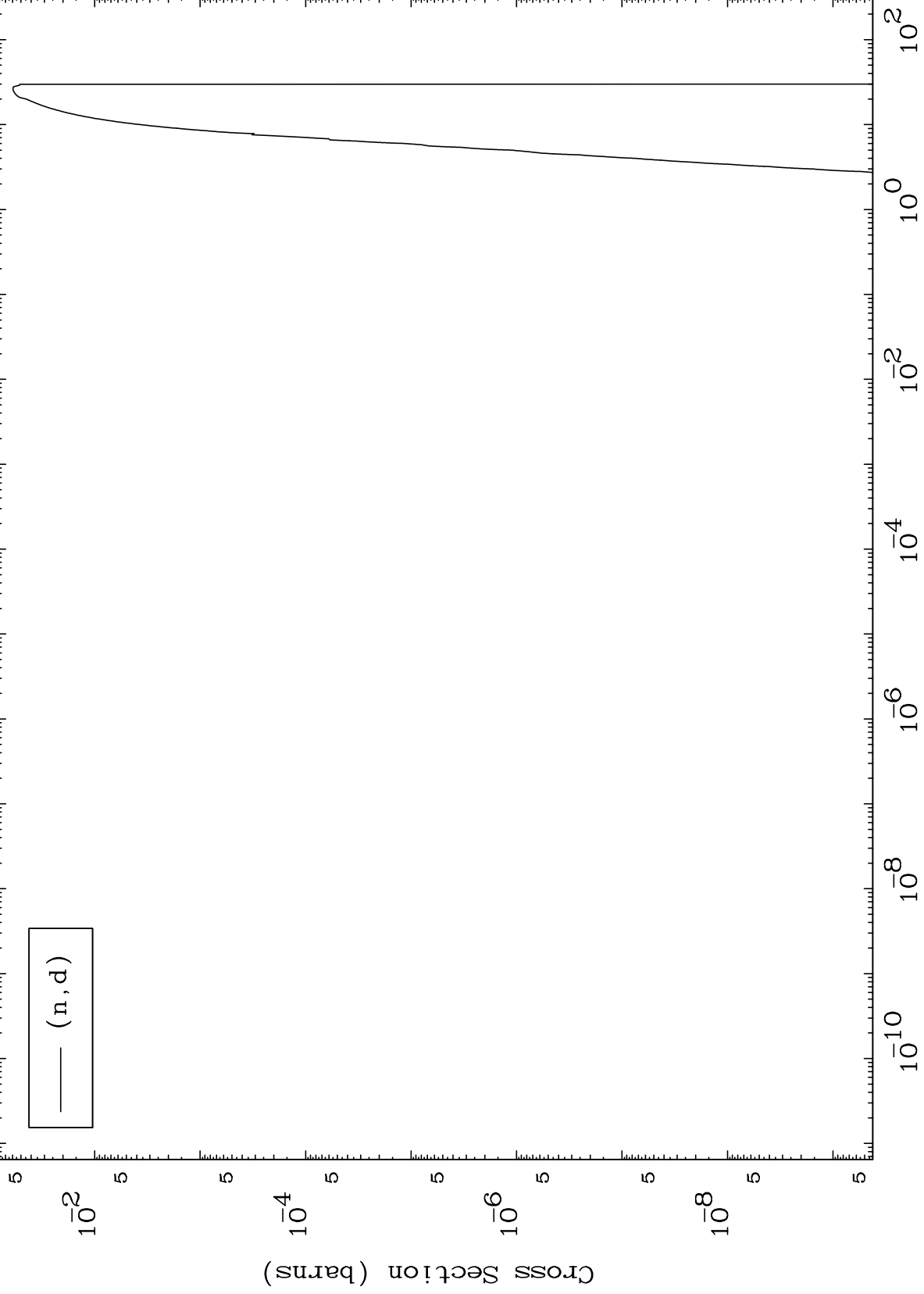




MAT 6110

(n,d) Levels
293 Kelvin Cross Sections

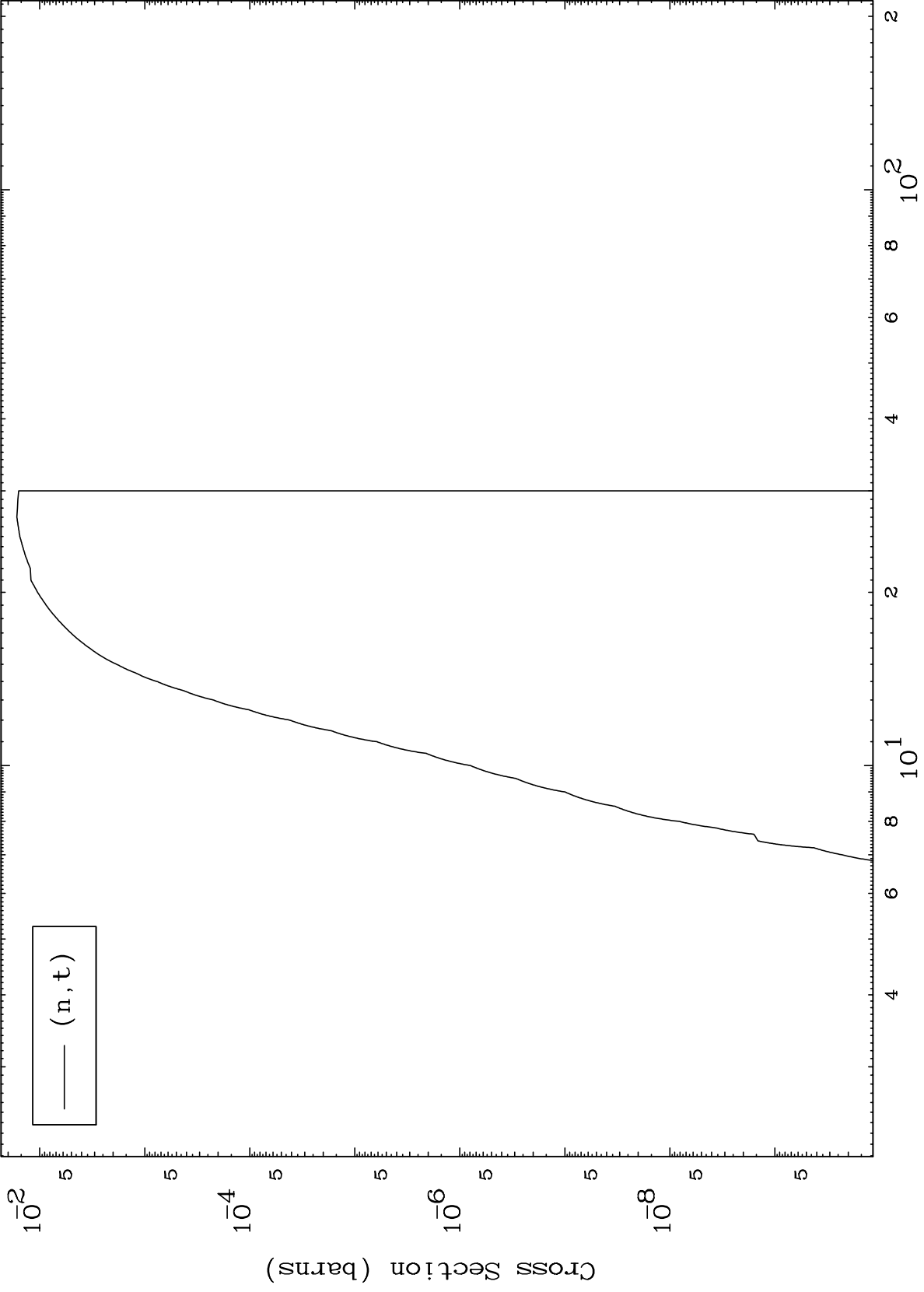
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MAT 6110

(n,t) Levels
293 Kelvin Cross Sections

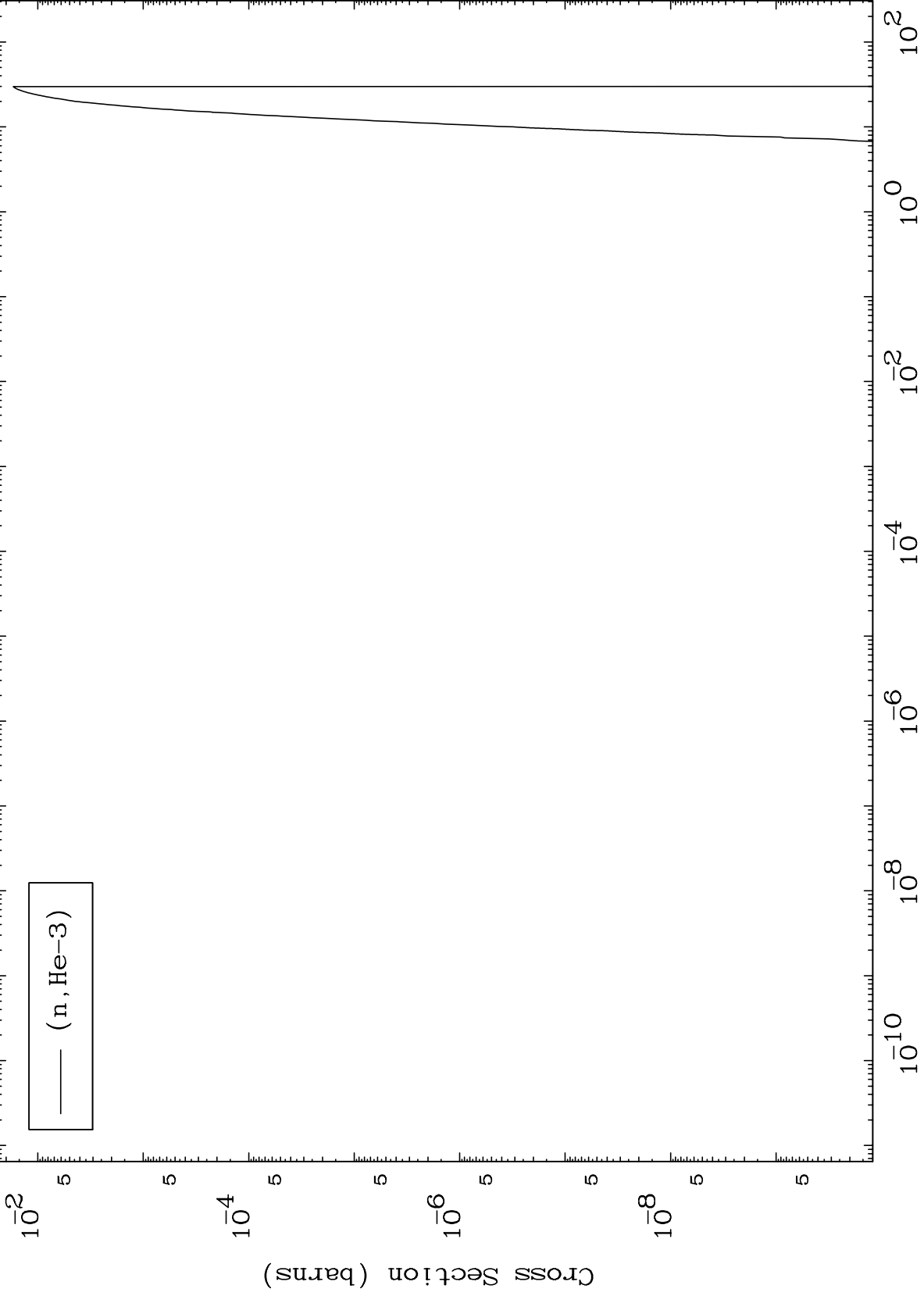
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MAT 6110

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-134



15

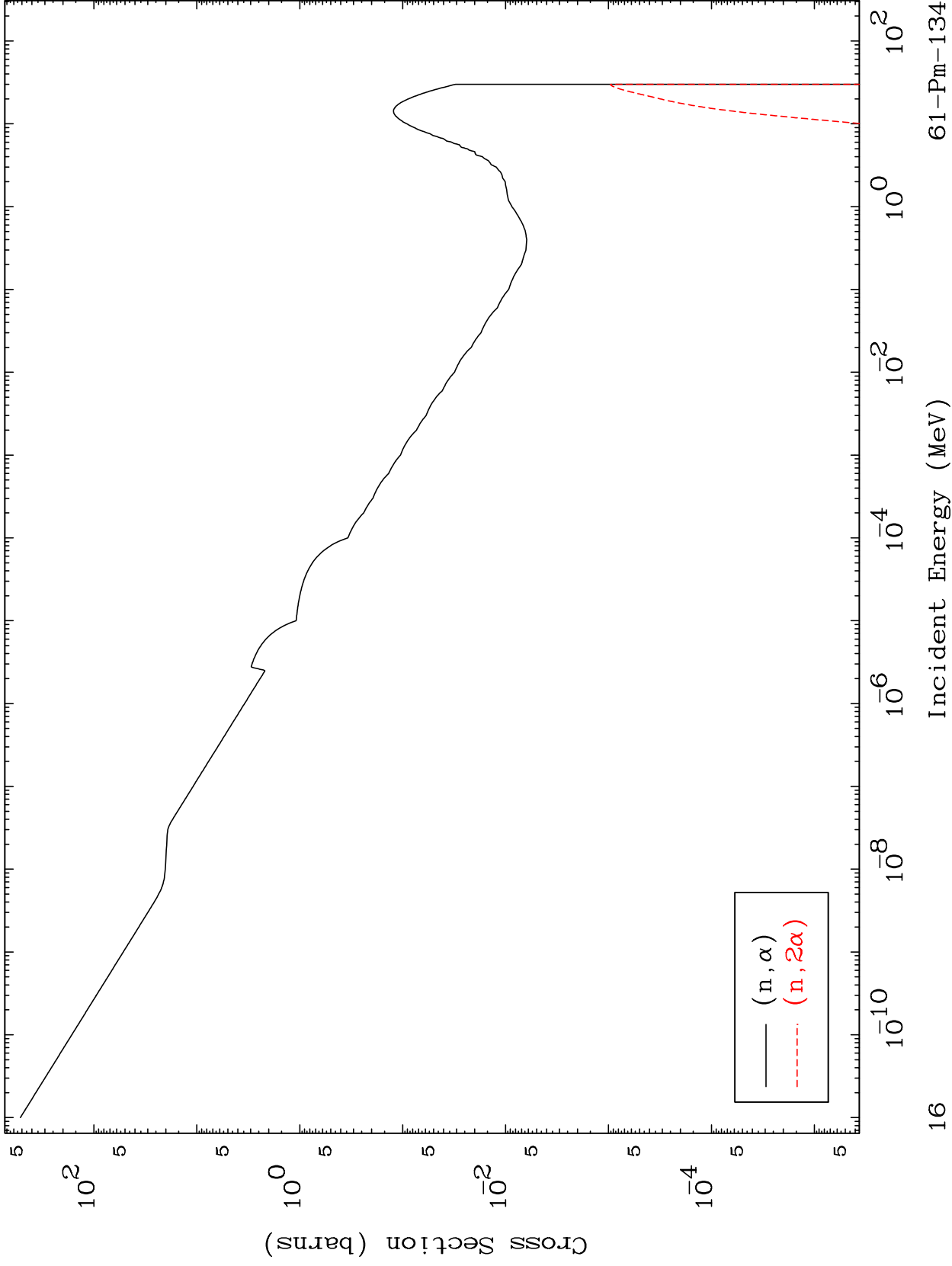
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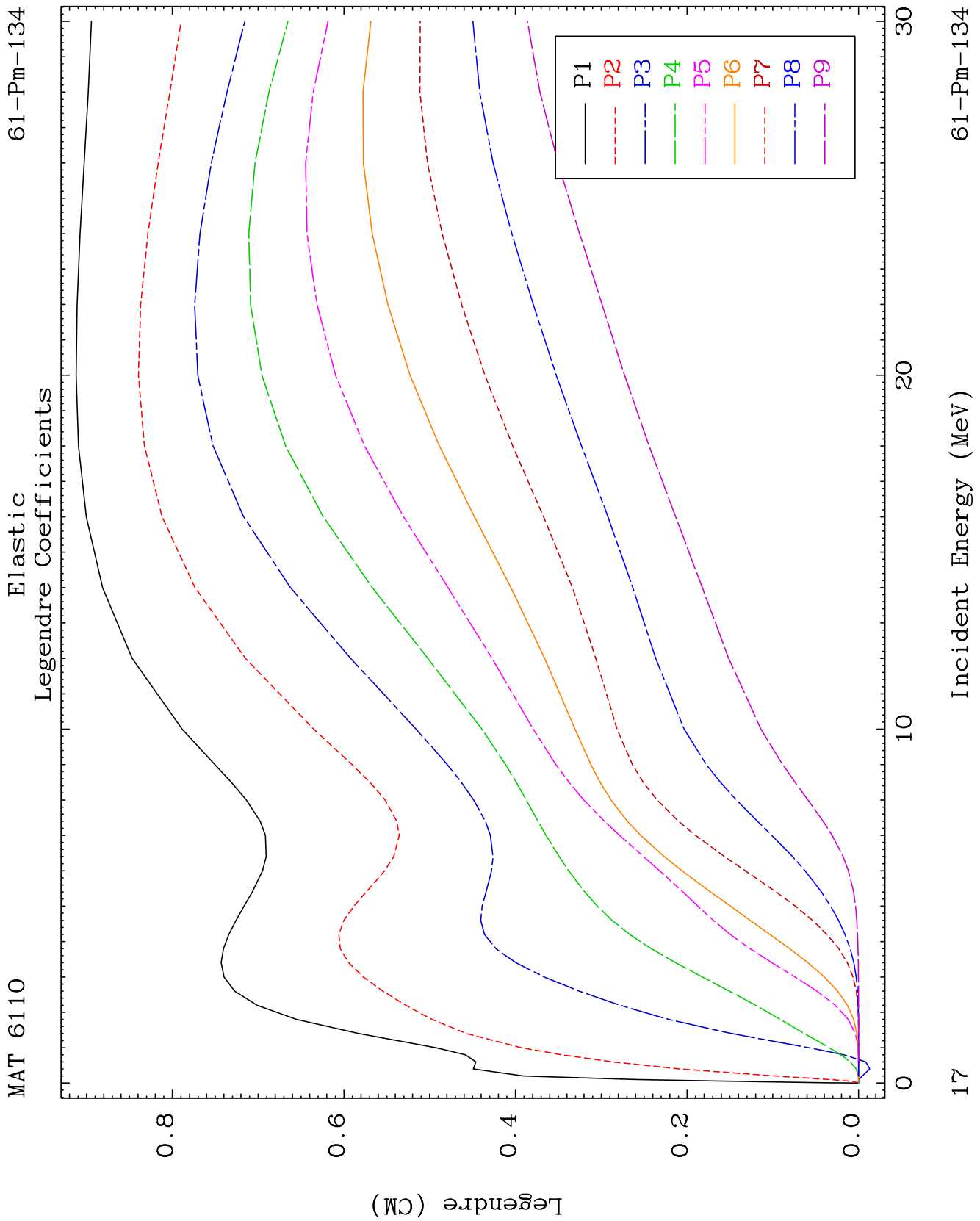
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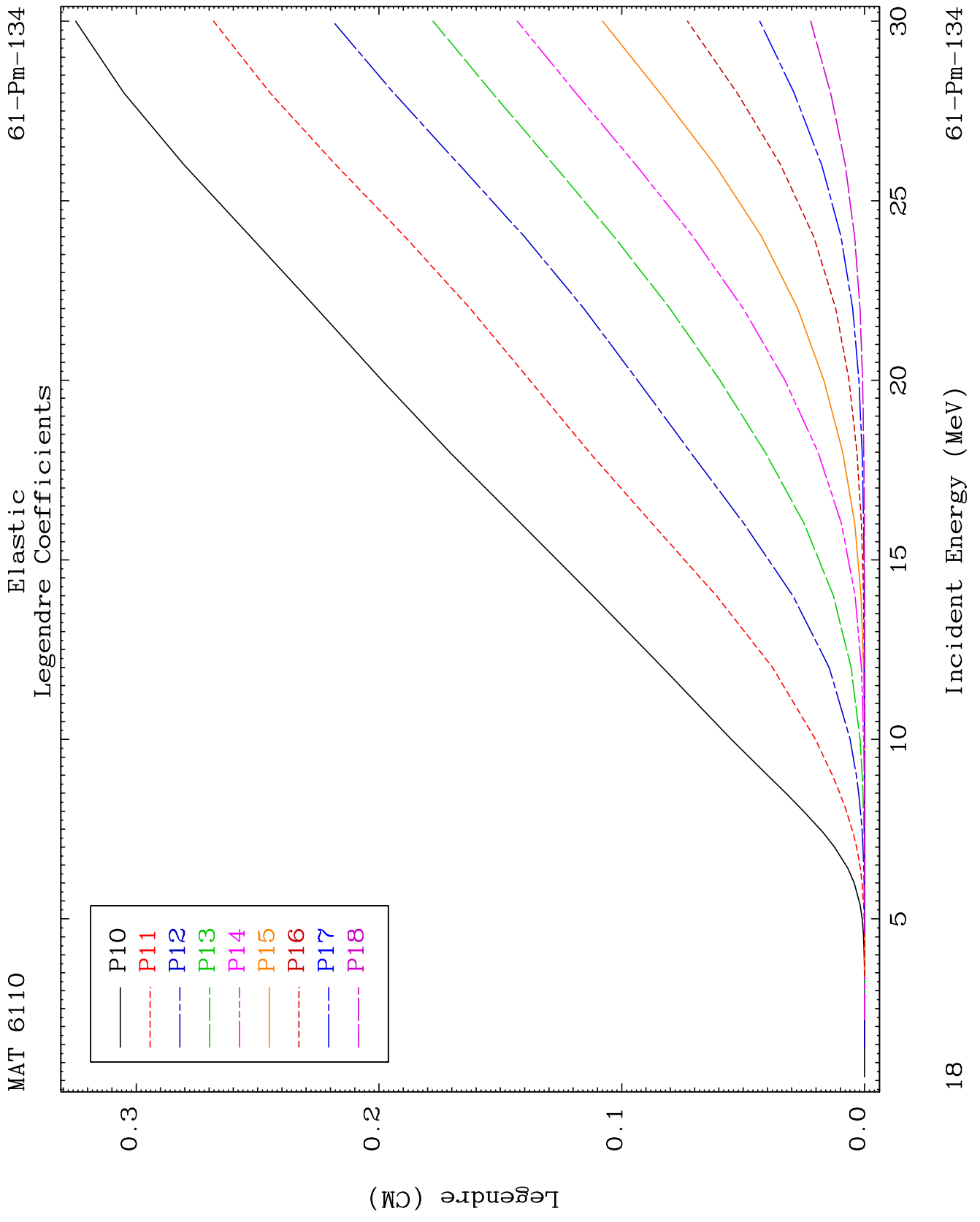
MAT 6110

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-134



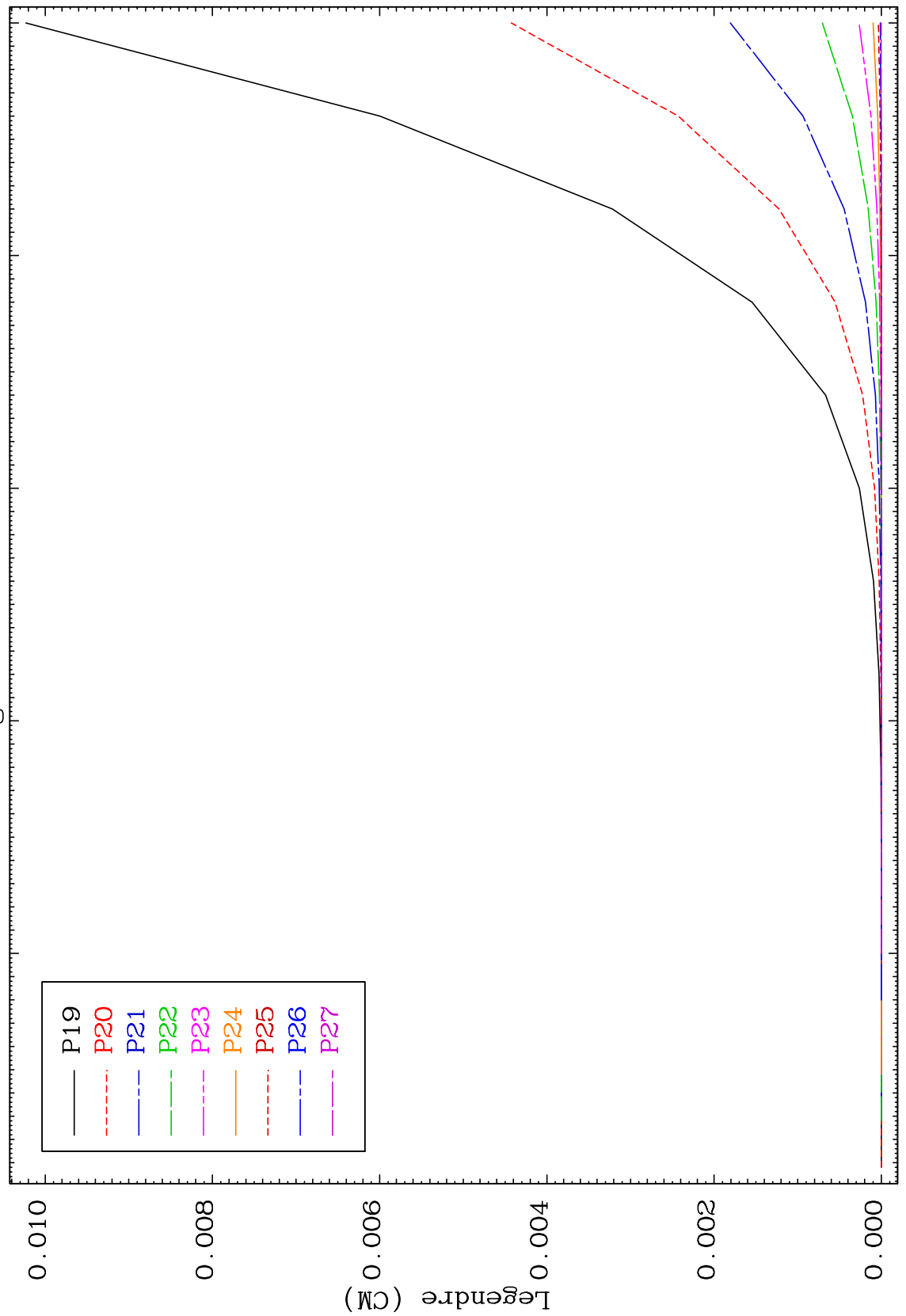




MAT 6110

Elastic Legendre Coefficients

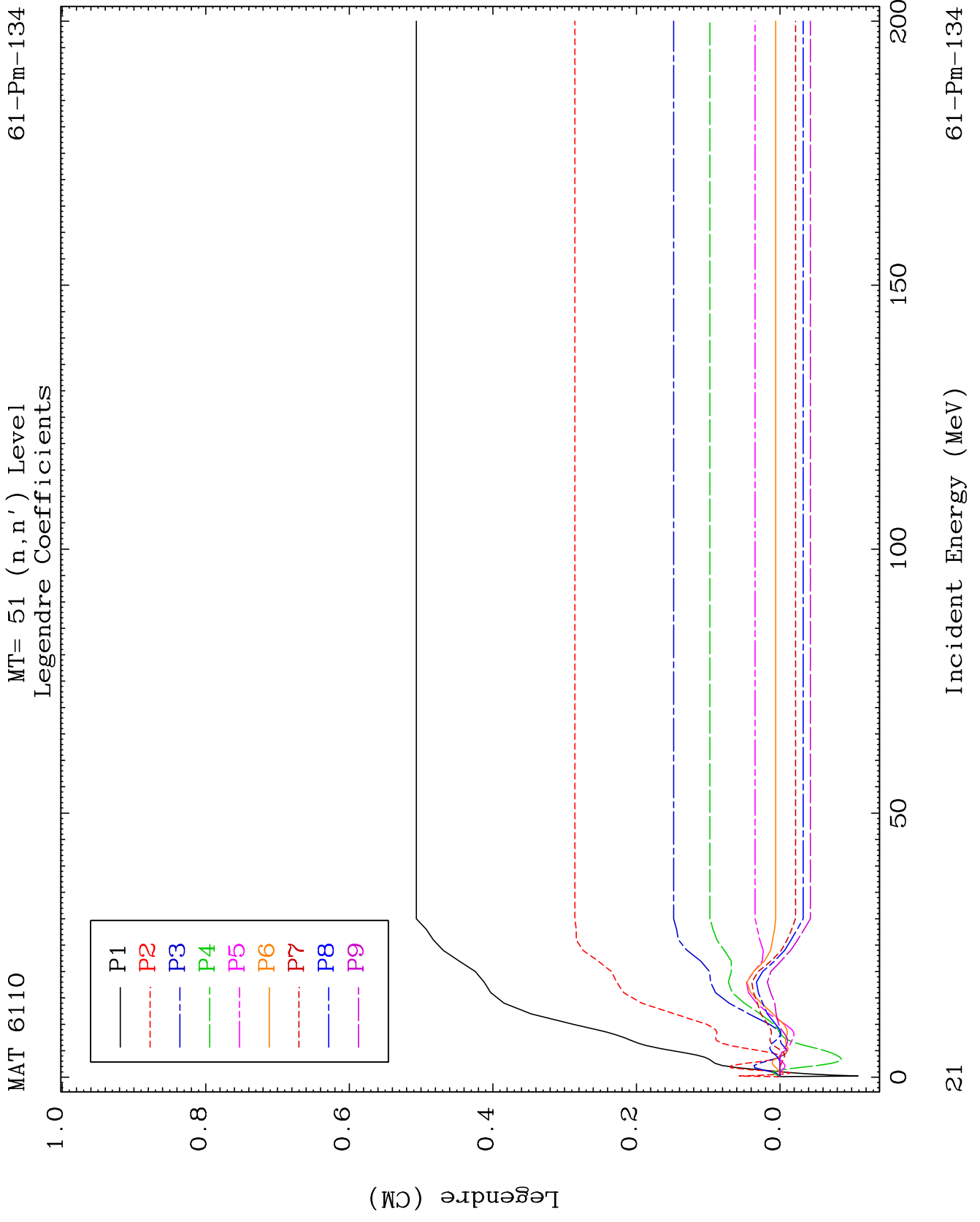
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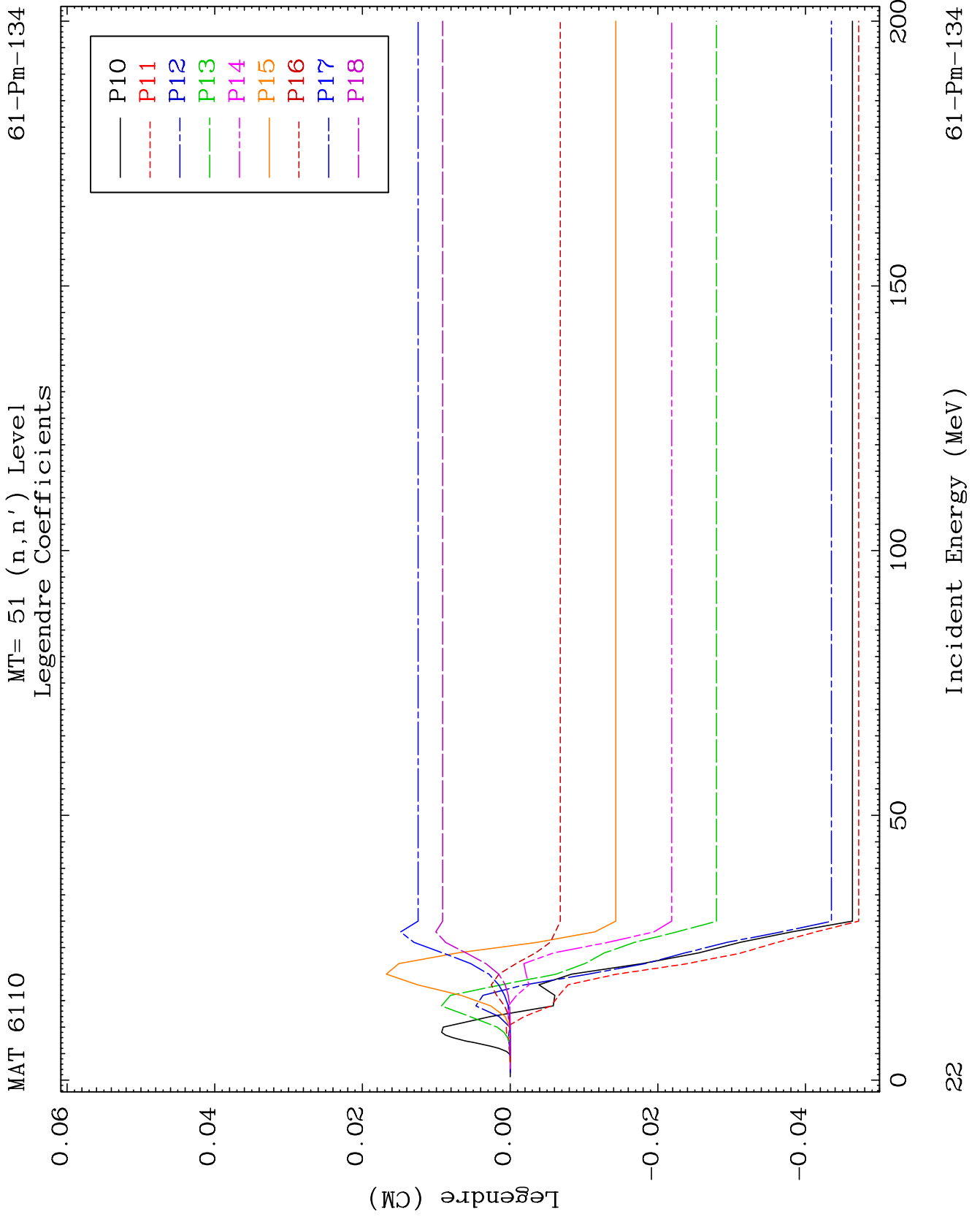


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Incident Energy (MeV)

61-Pm-134

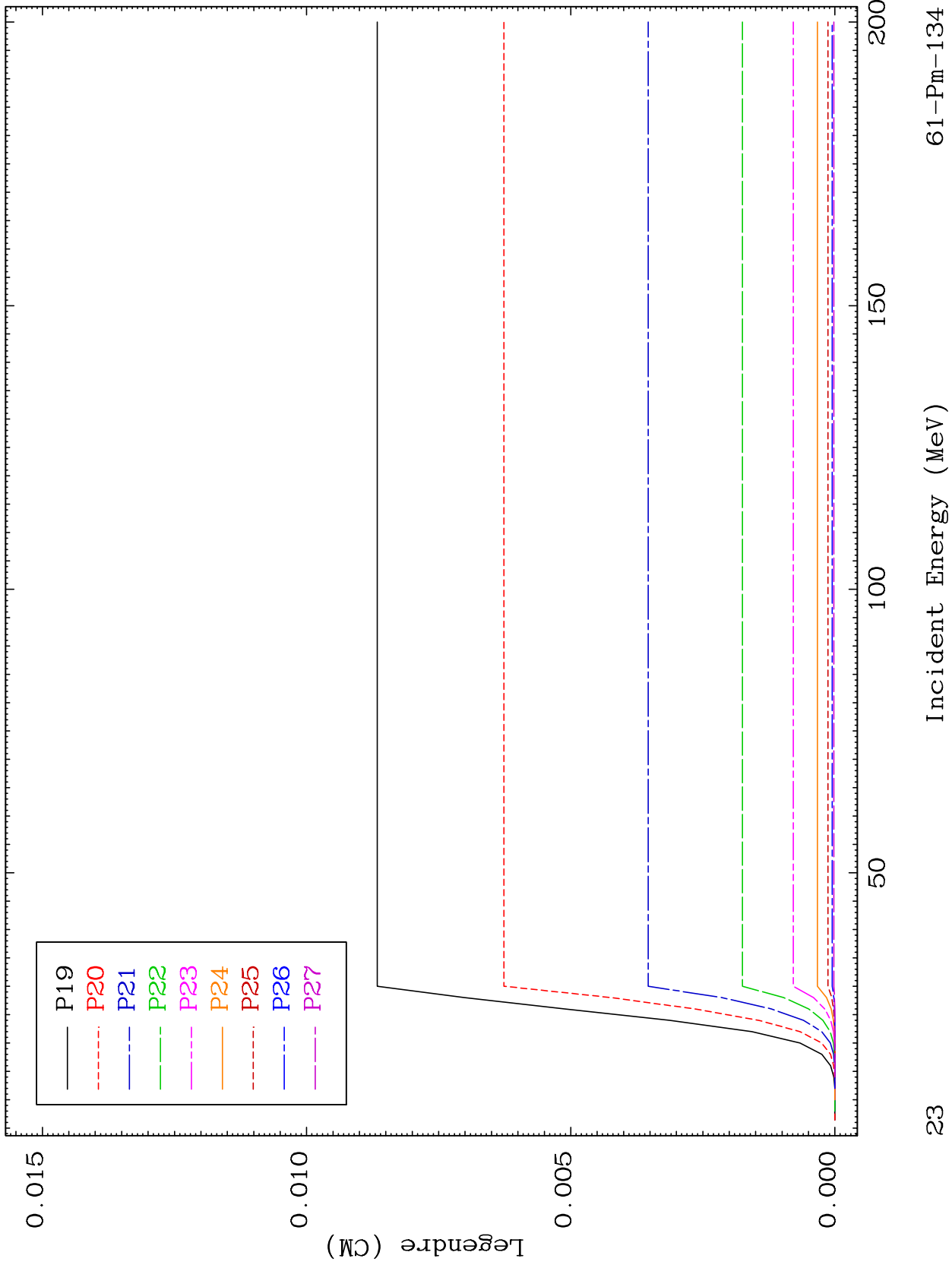




MAT 6110

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

61-Pm-134



23

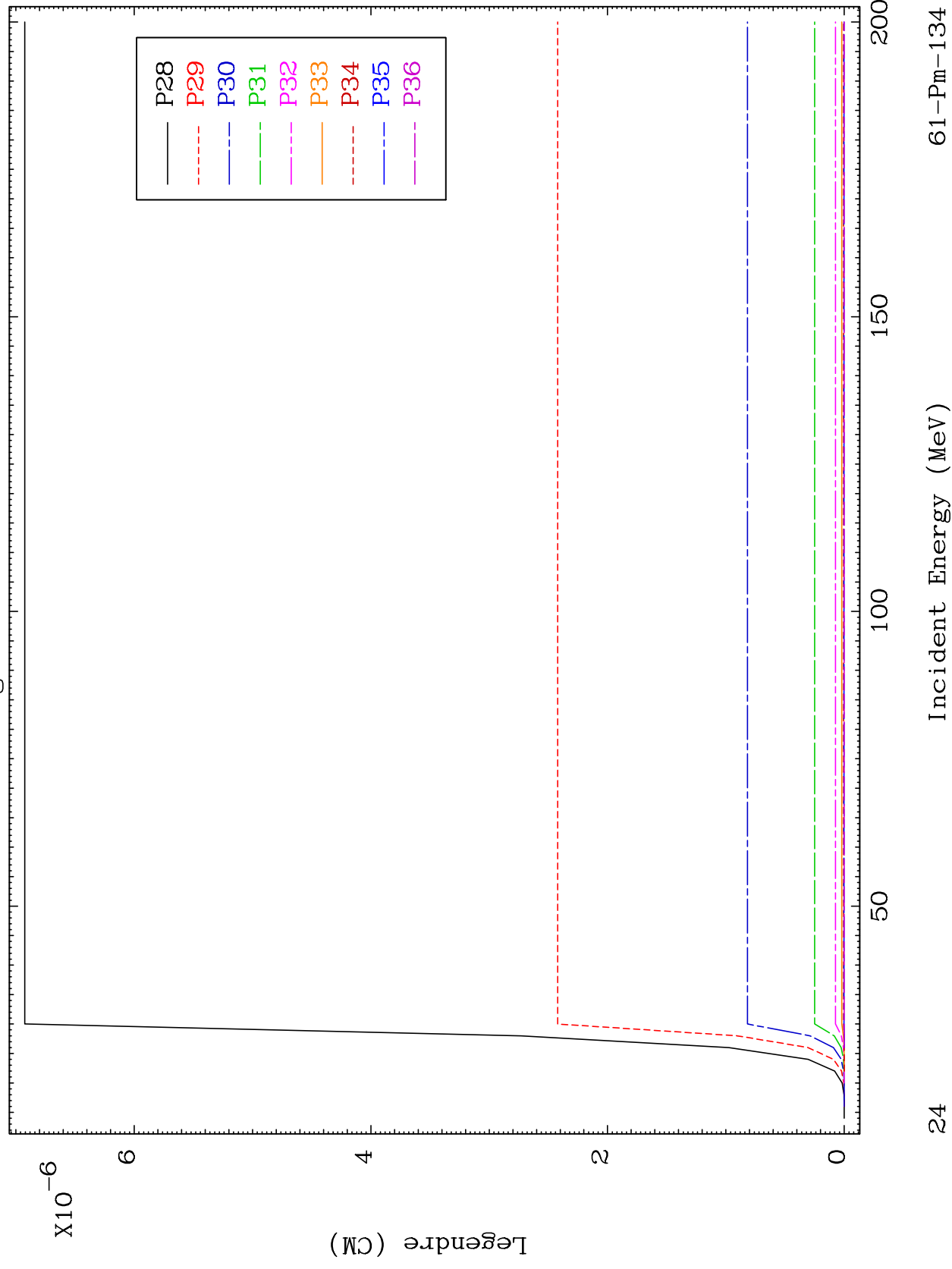
Incident Energy (MeV)

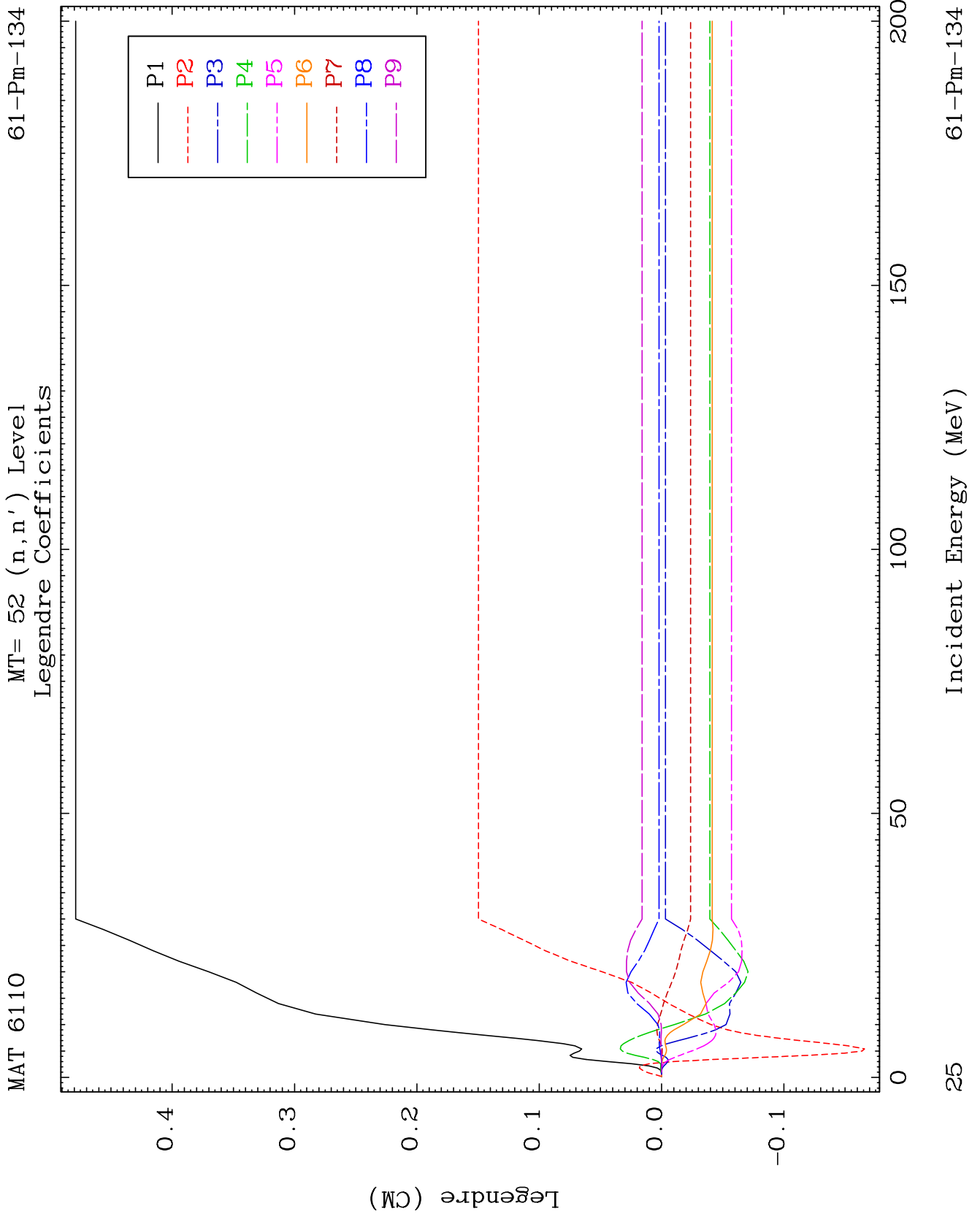
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MAT 6110

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

61-Pm-134

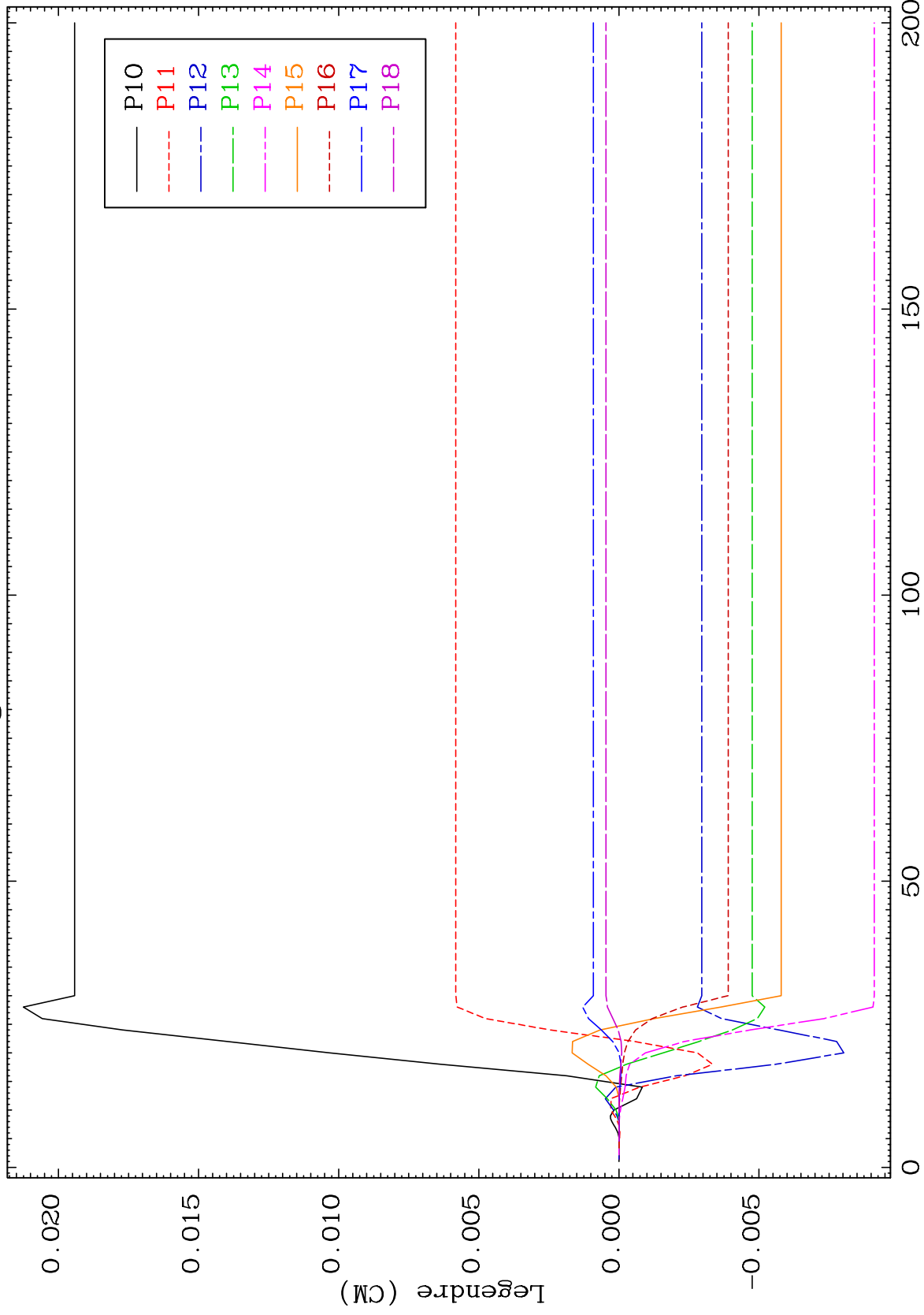




MAT 6110

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

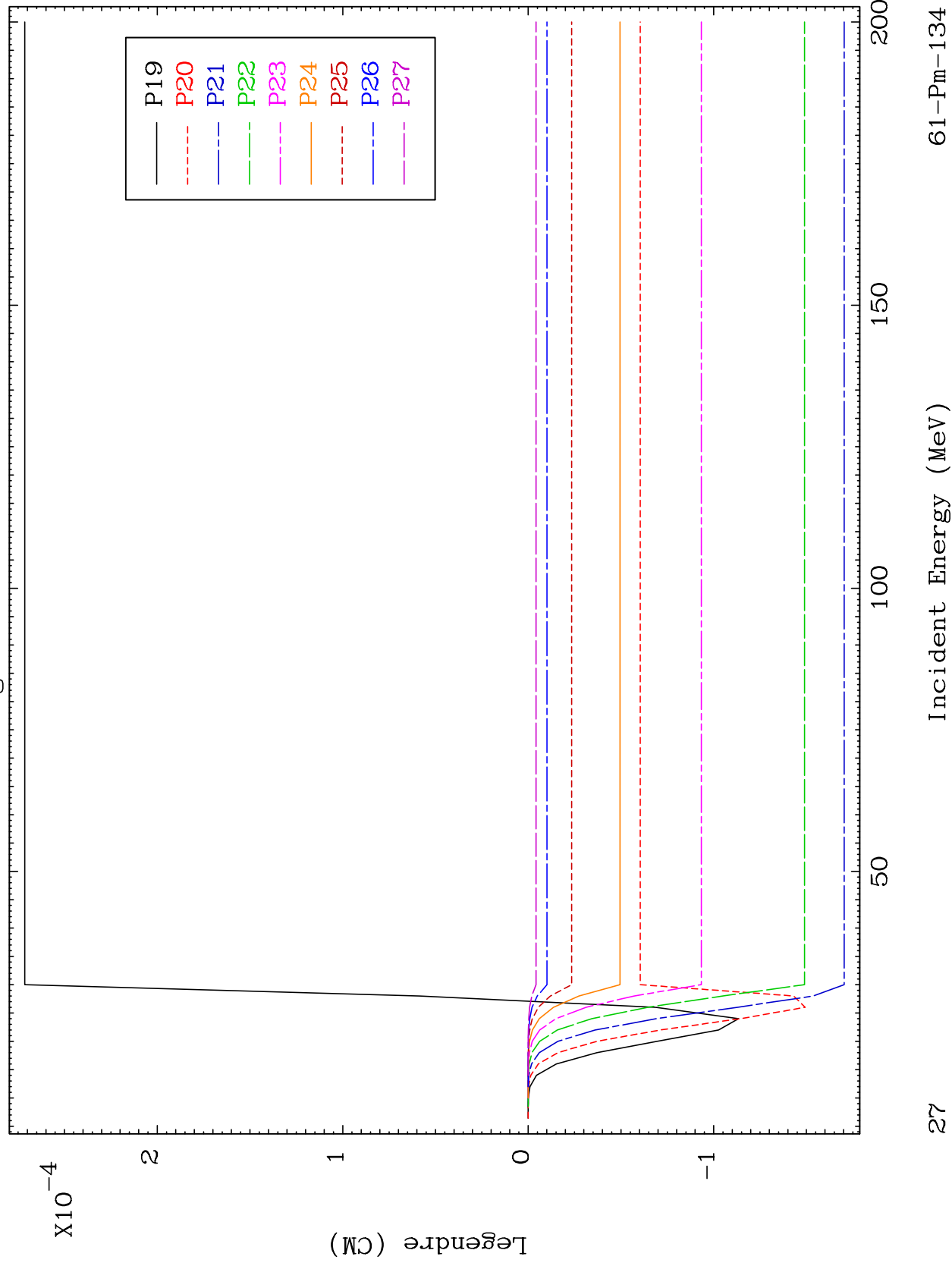
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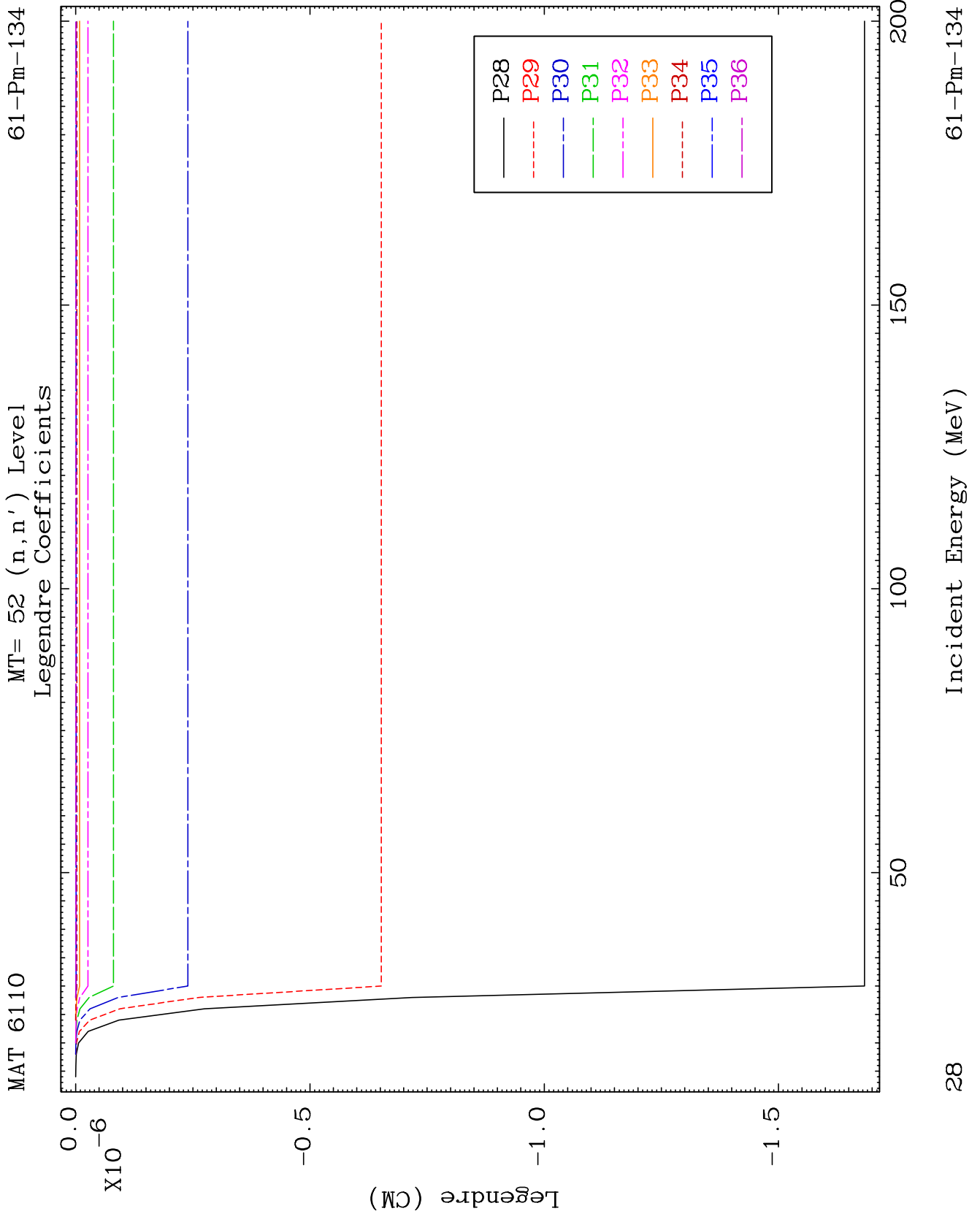


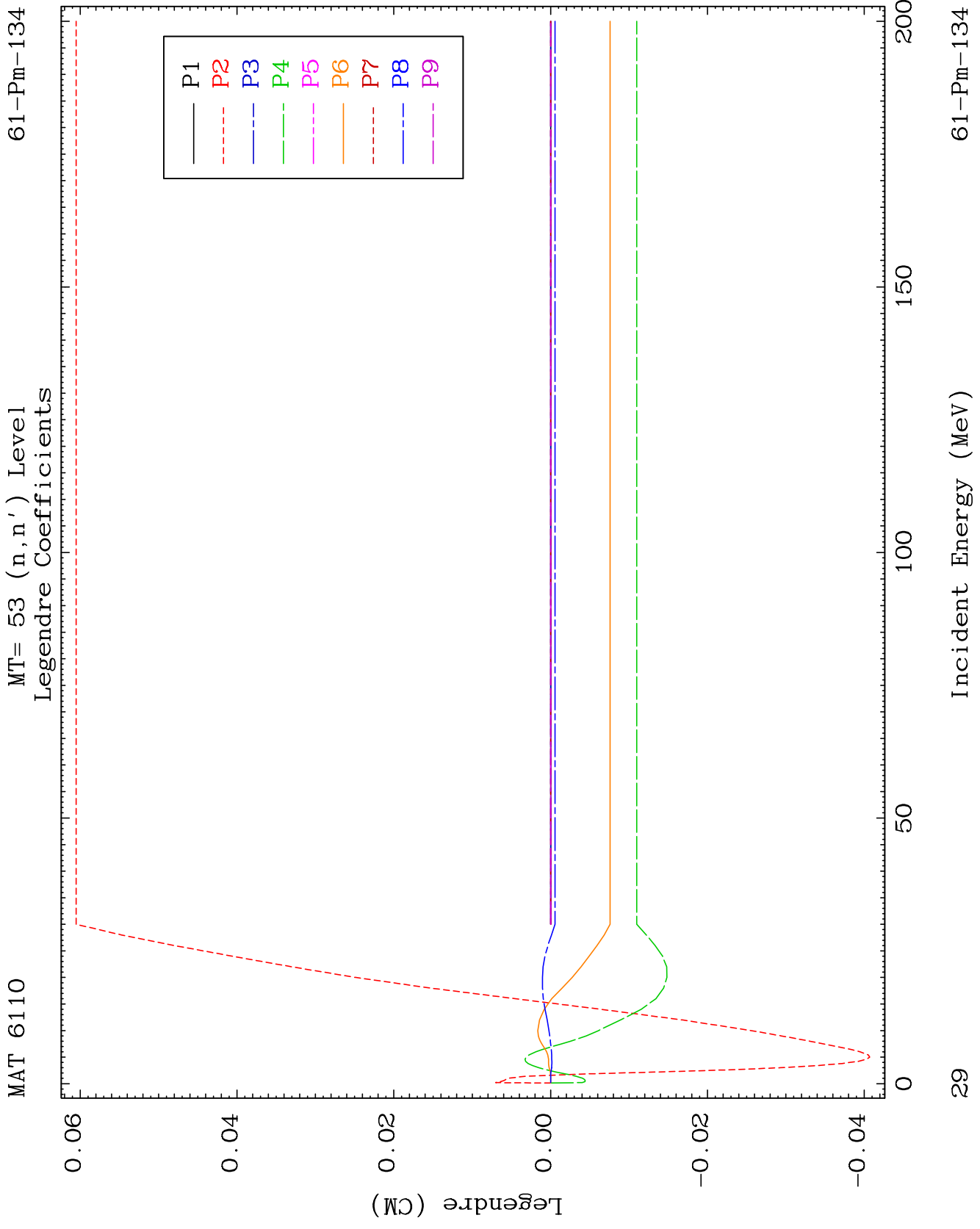
26

Incident Energy (MeV)

61-Pm-134



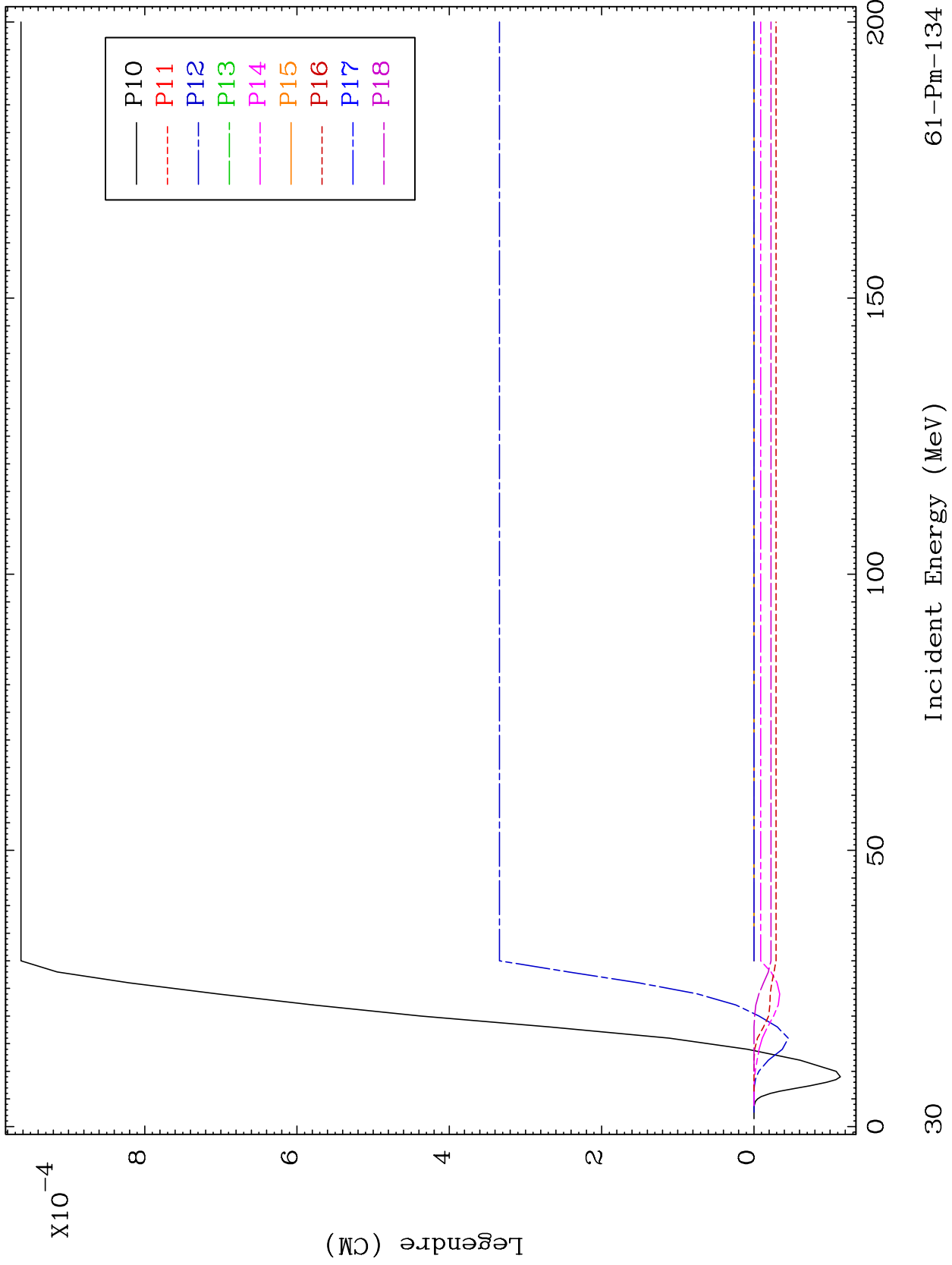


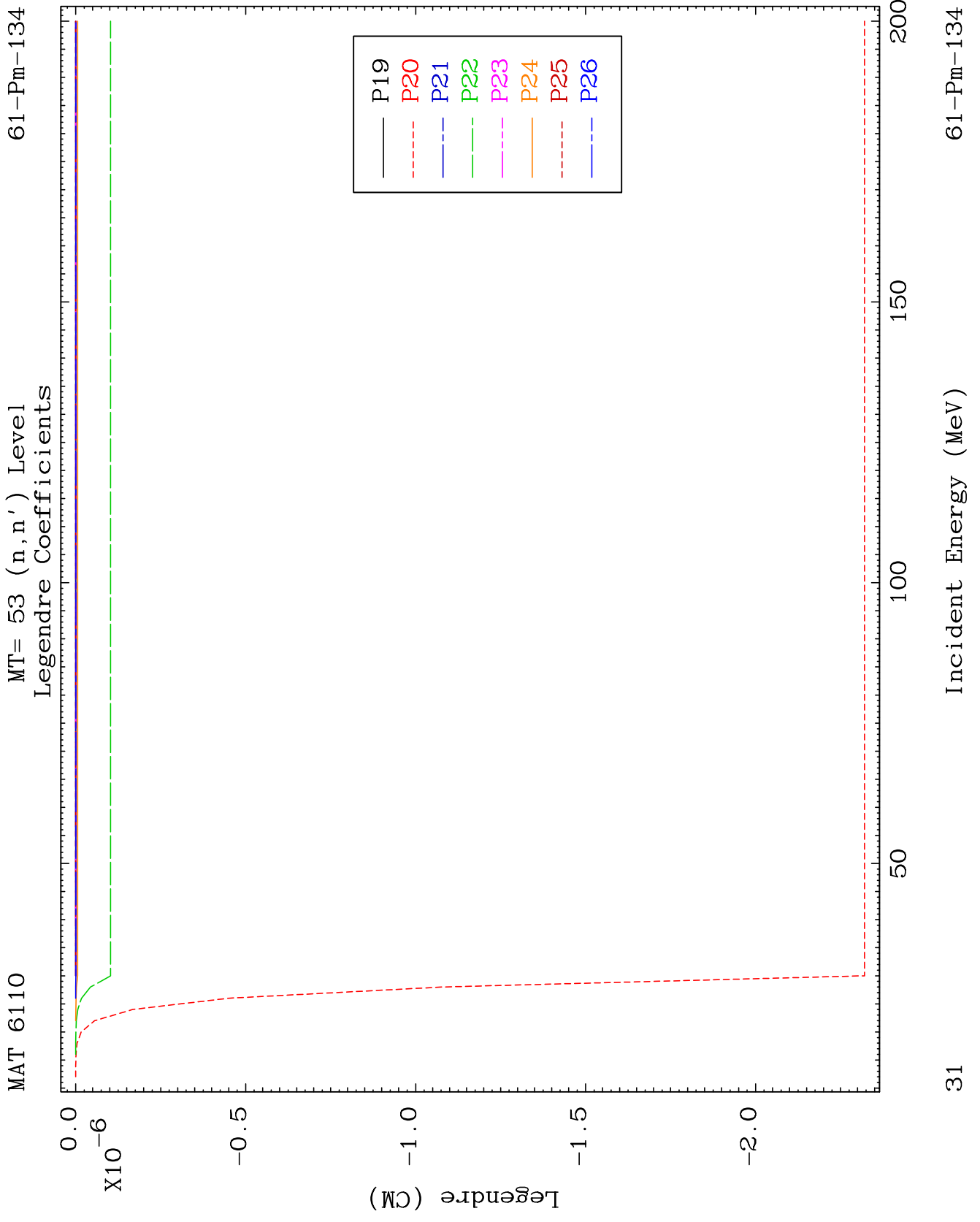


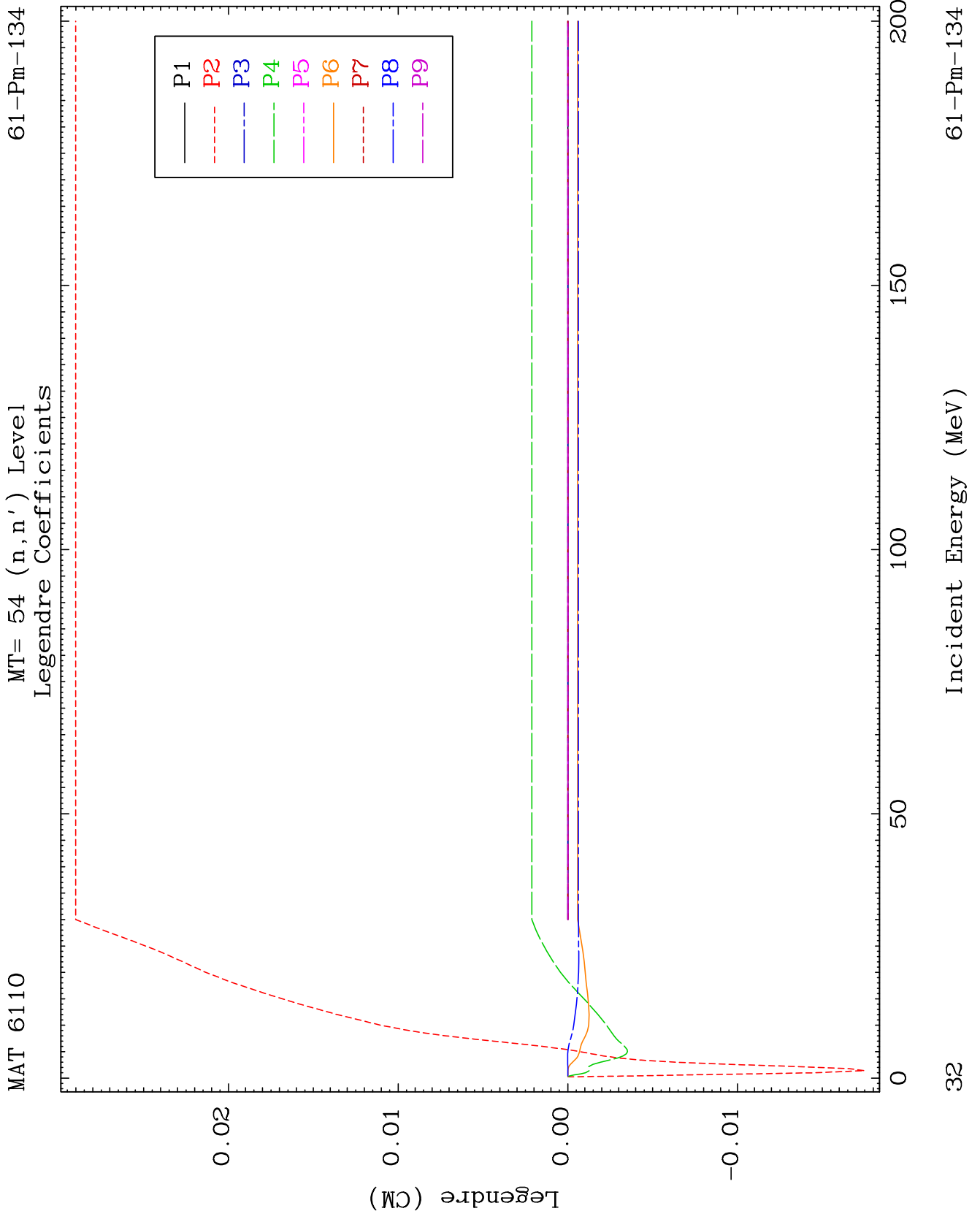
MAT 6110

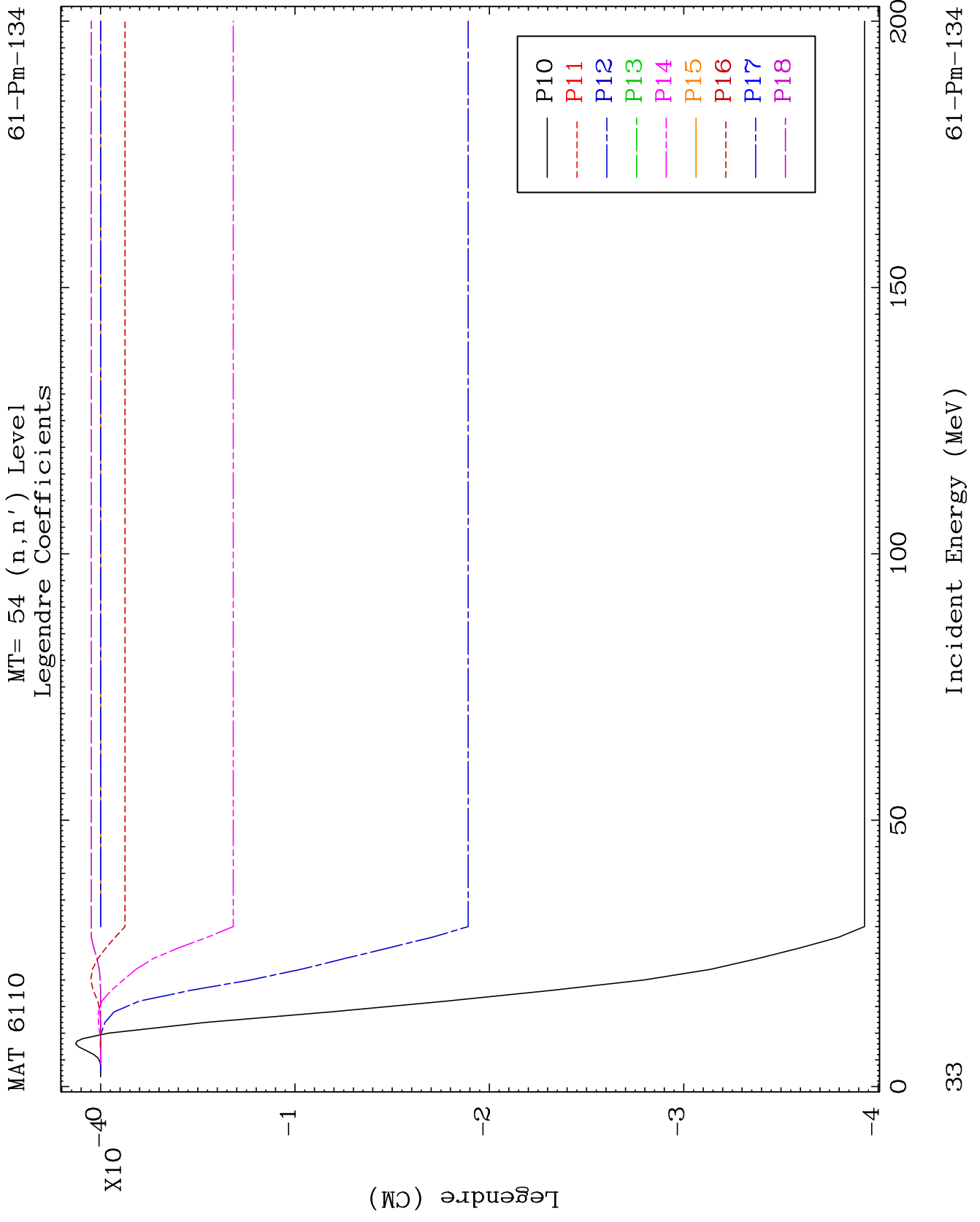
MT= 53 (n,n') Level
Legendre Coefficients

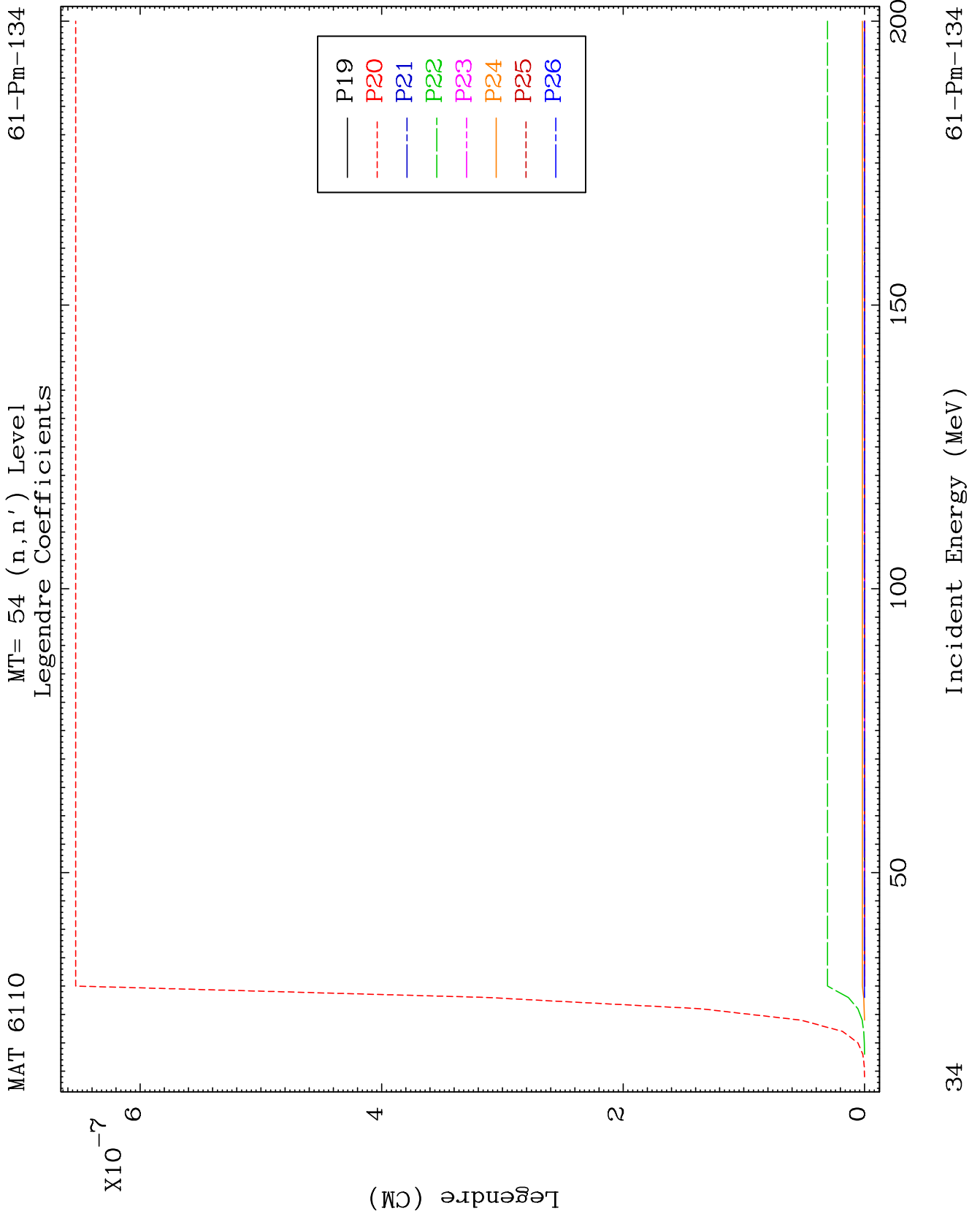
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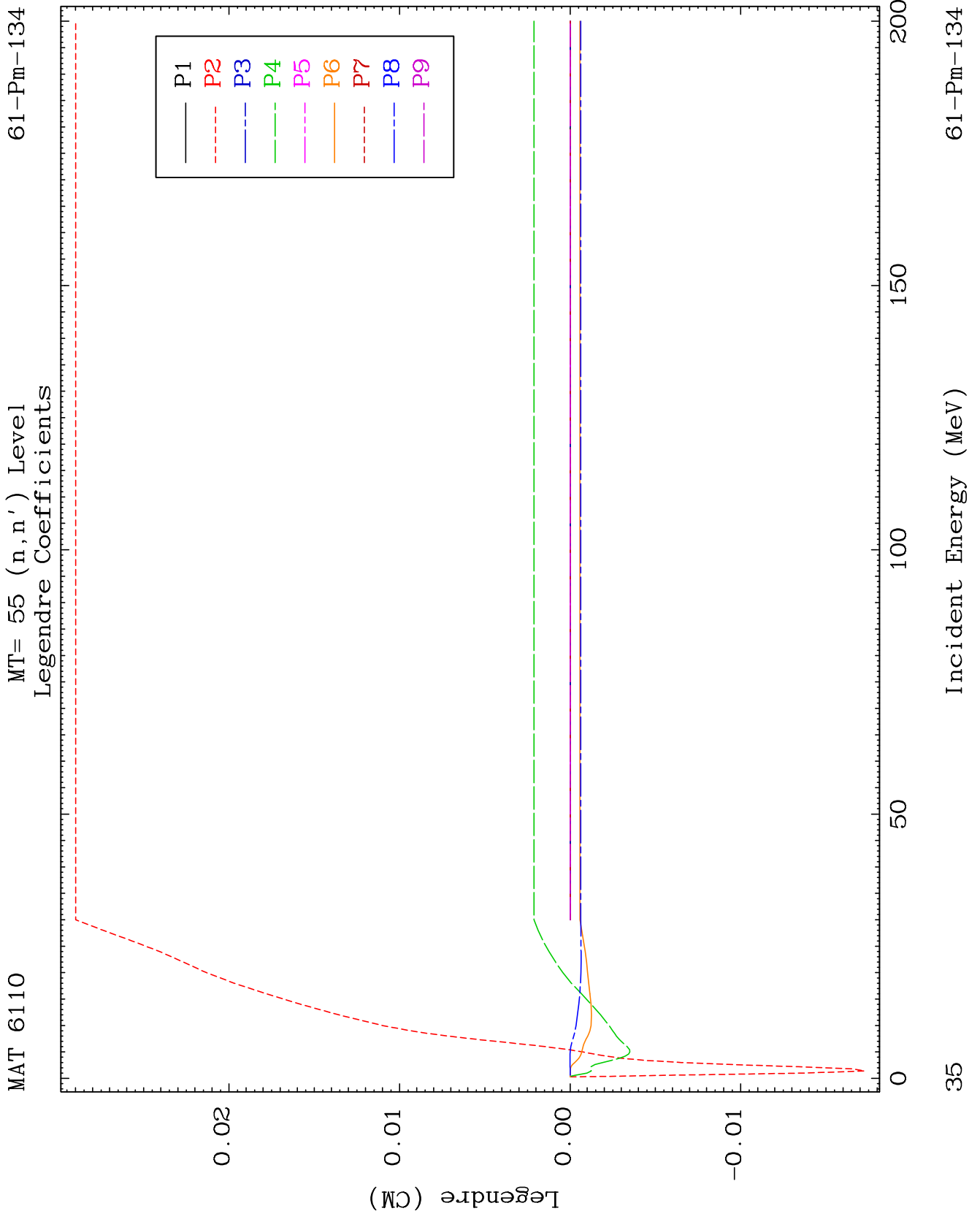


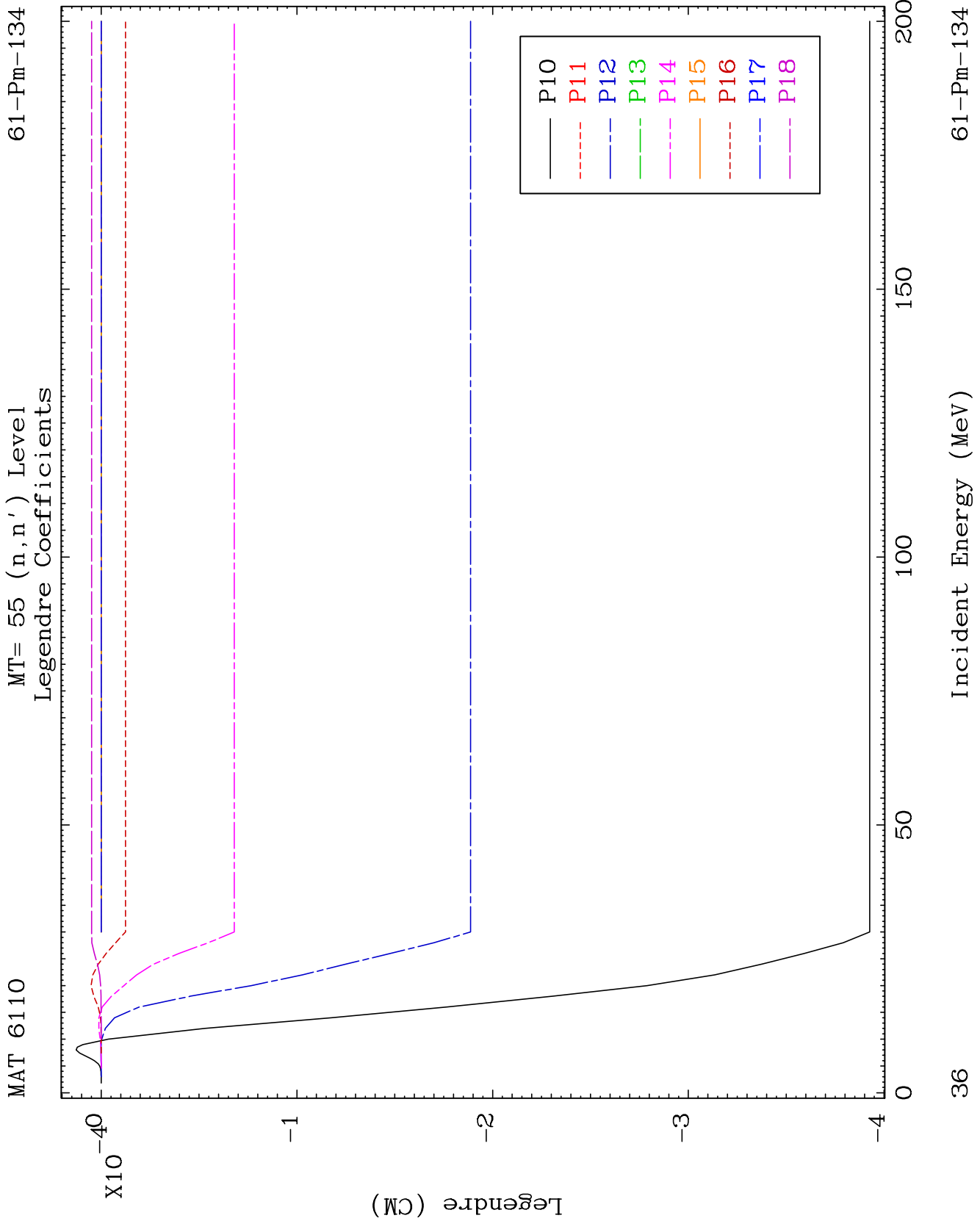


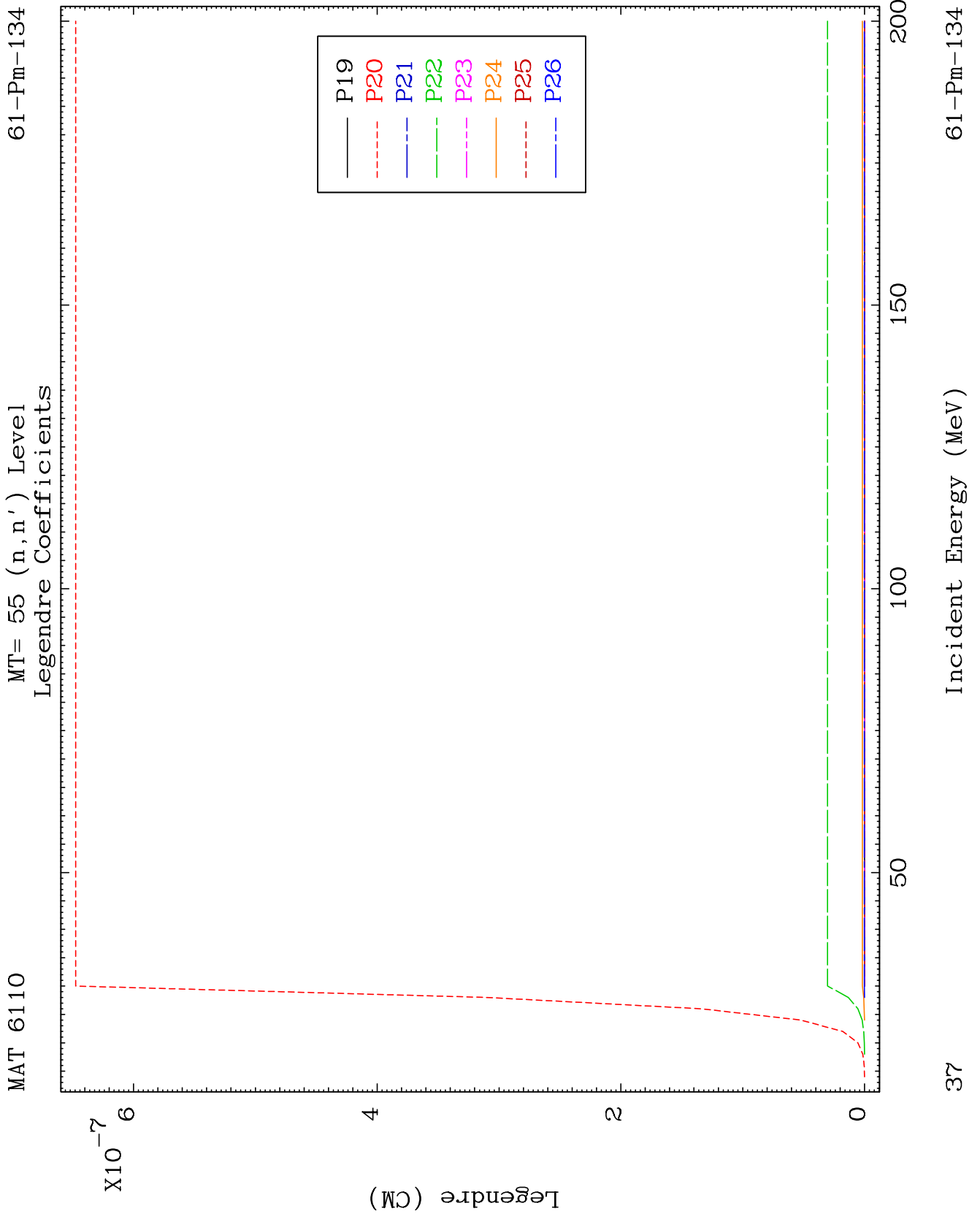








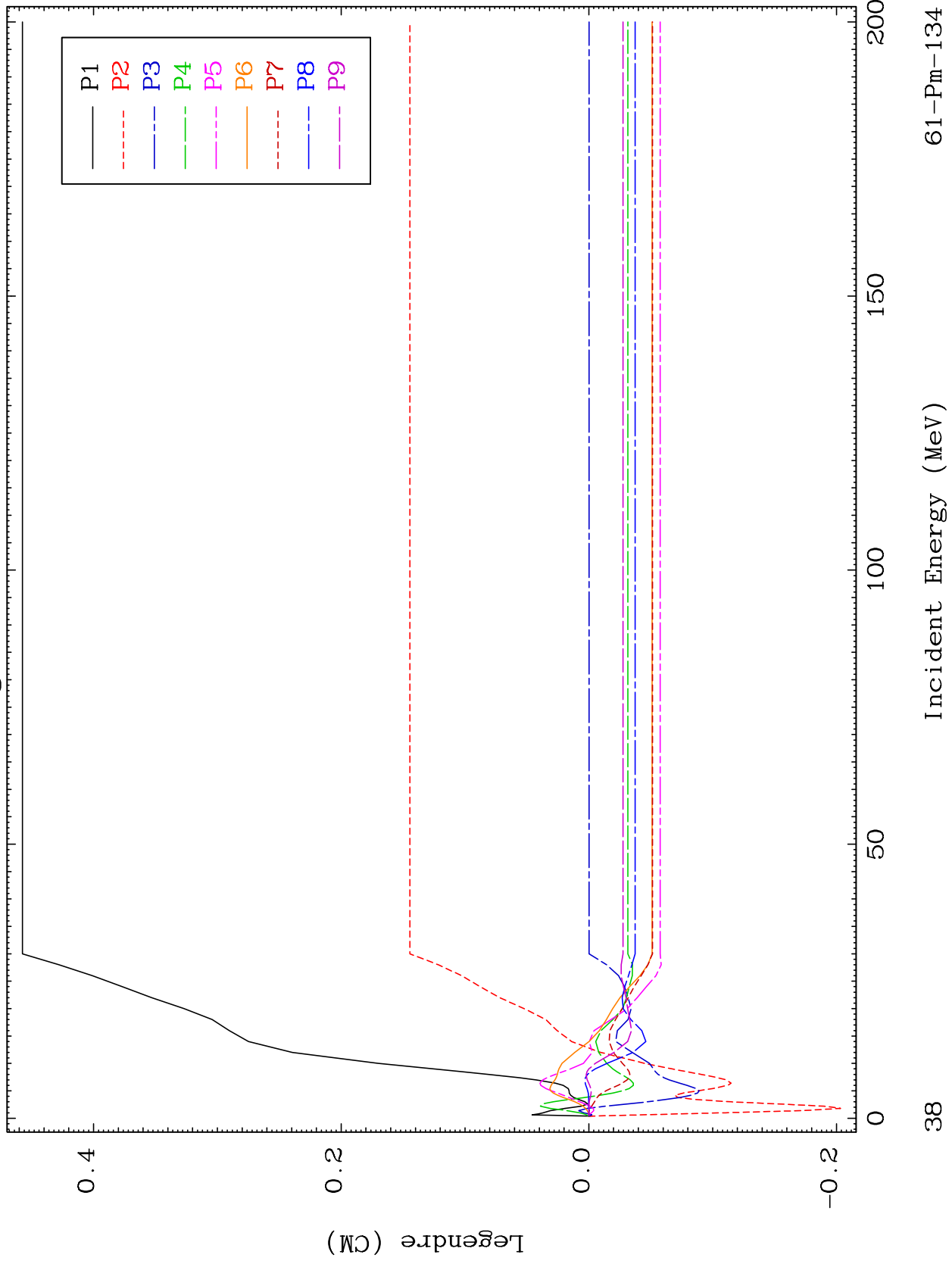




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MT= 56 (n,n') Level
Legendre Coefficients

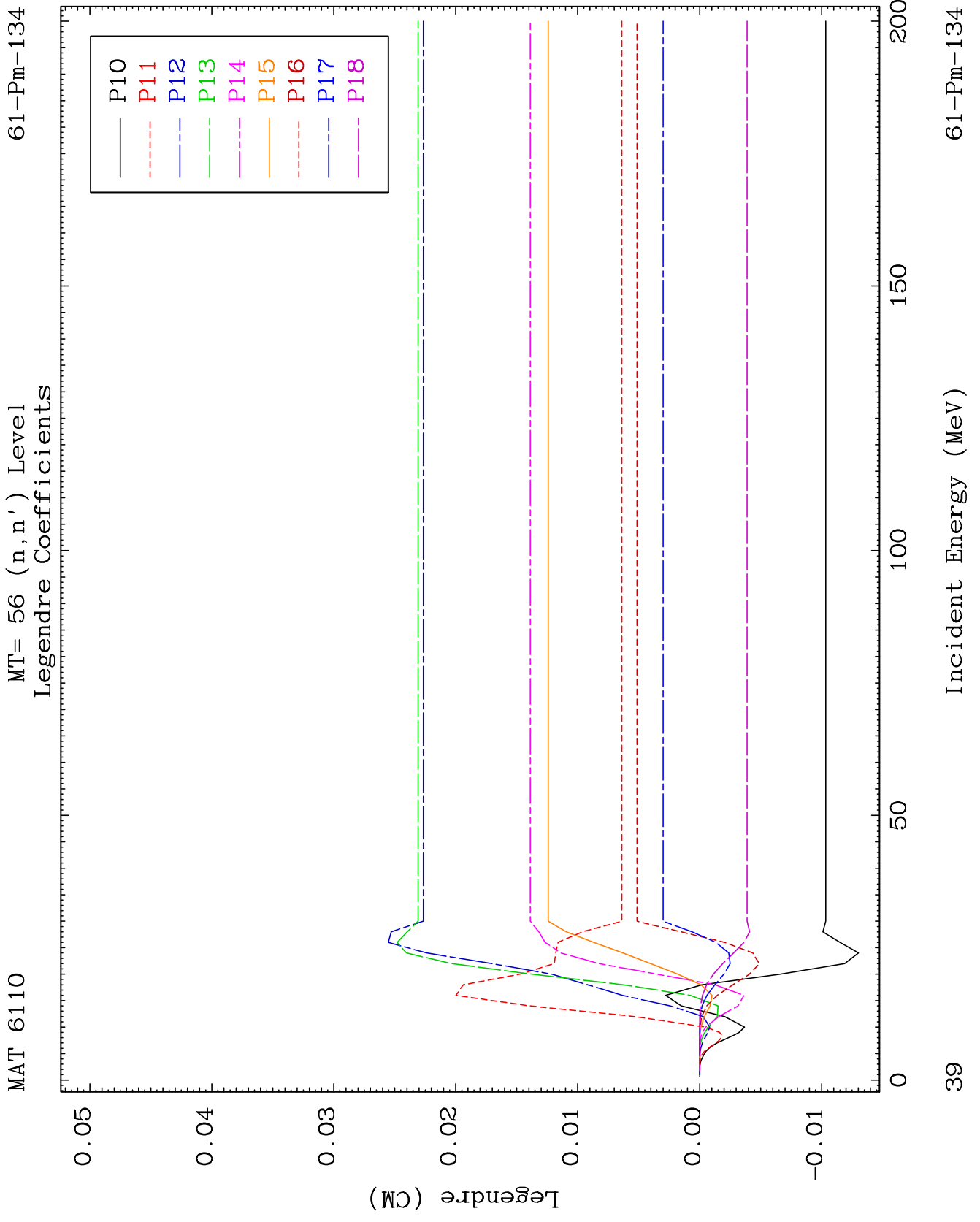
61-Pm-134



61-Pm-134

Incident Energy (MeV)

38



61-Pm-134

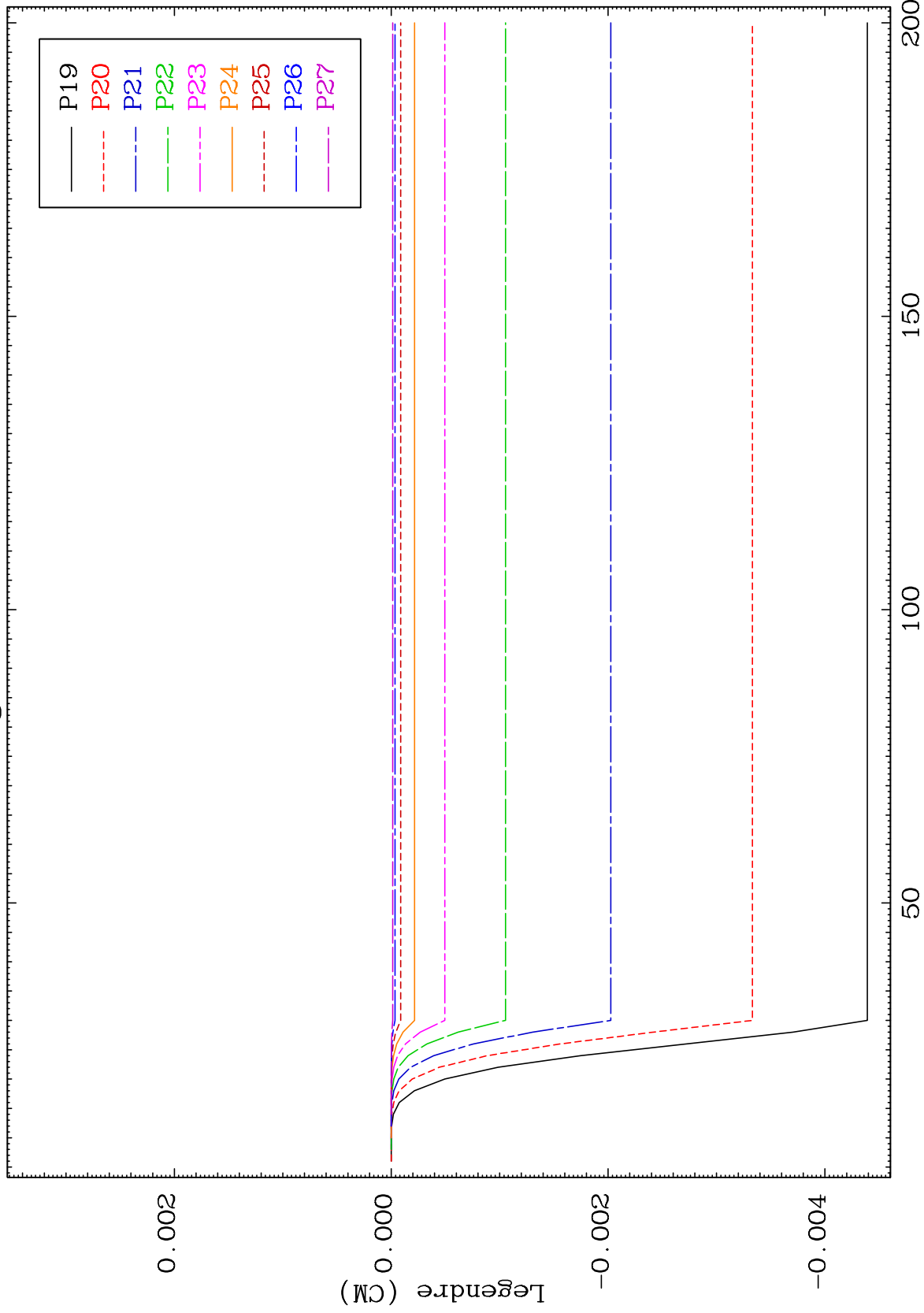
Incident Energy (MeV)

39

MAT 6110

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-134



40

Incident Energy (MeV)

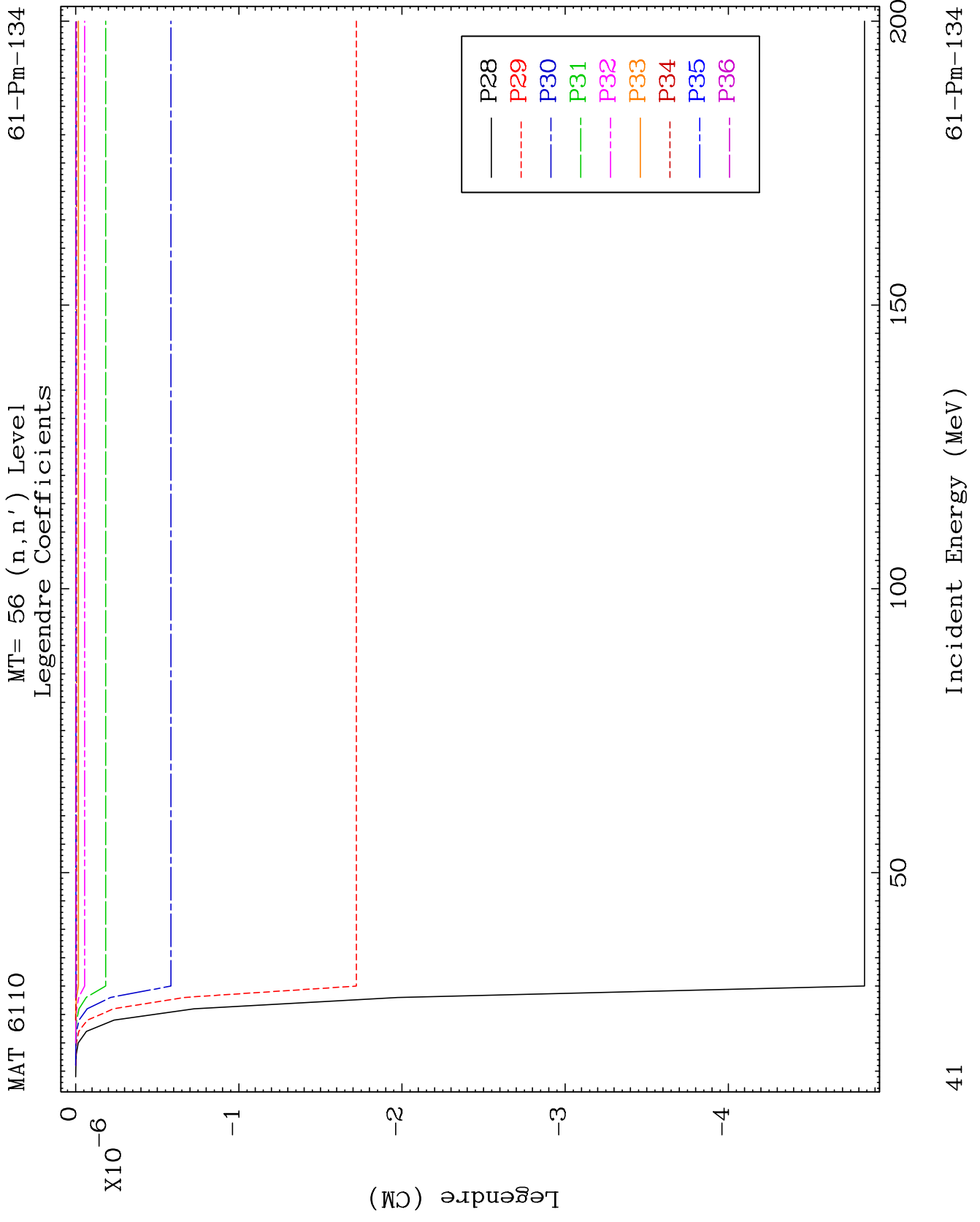
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100

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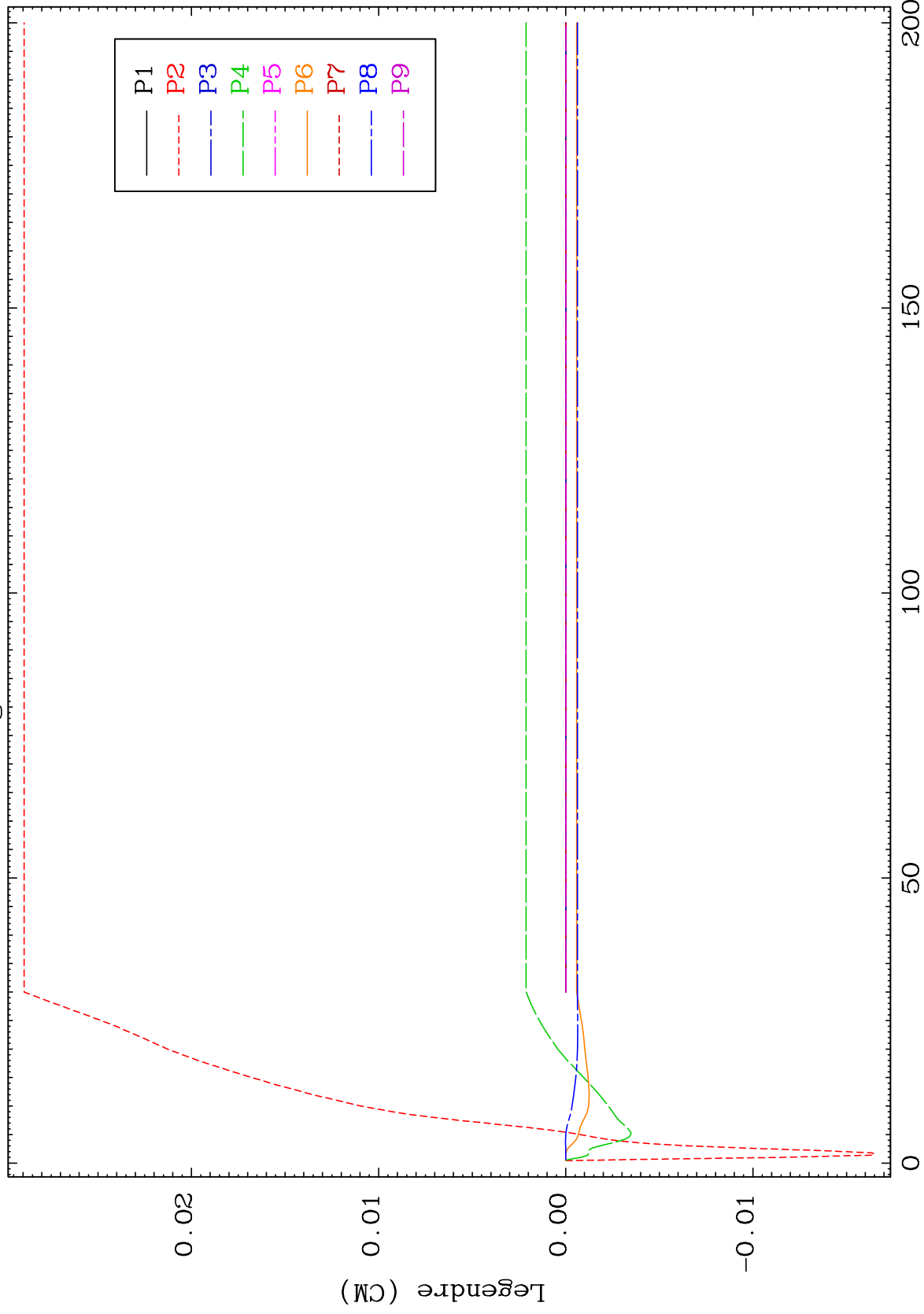
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MAT 6110

MT= 57 (n,n') Level
Legendre Coefficients

61-Pm-134



42

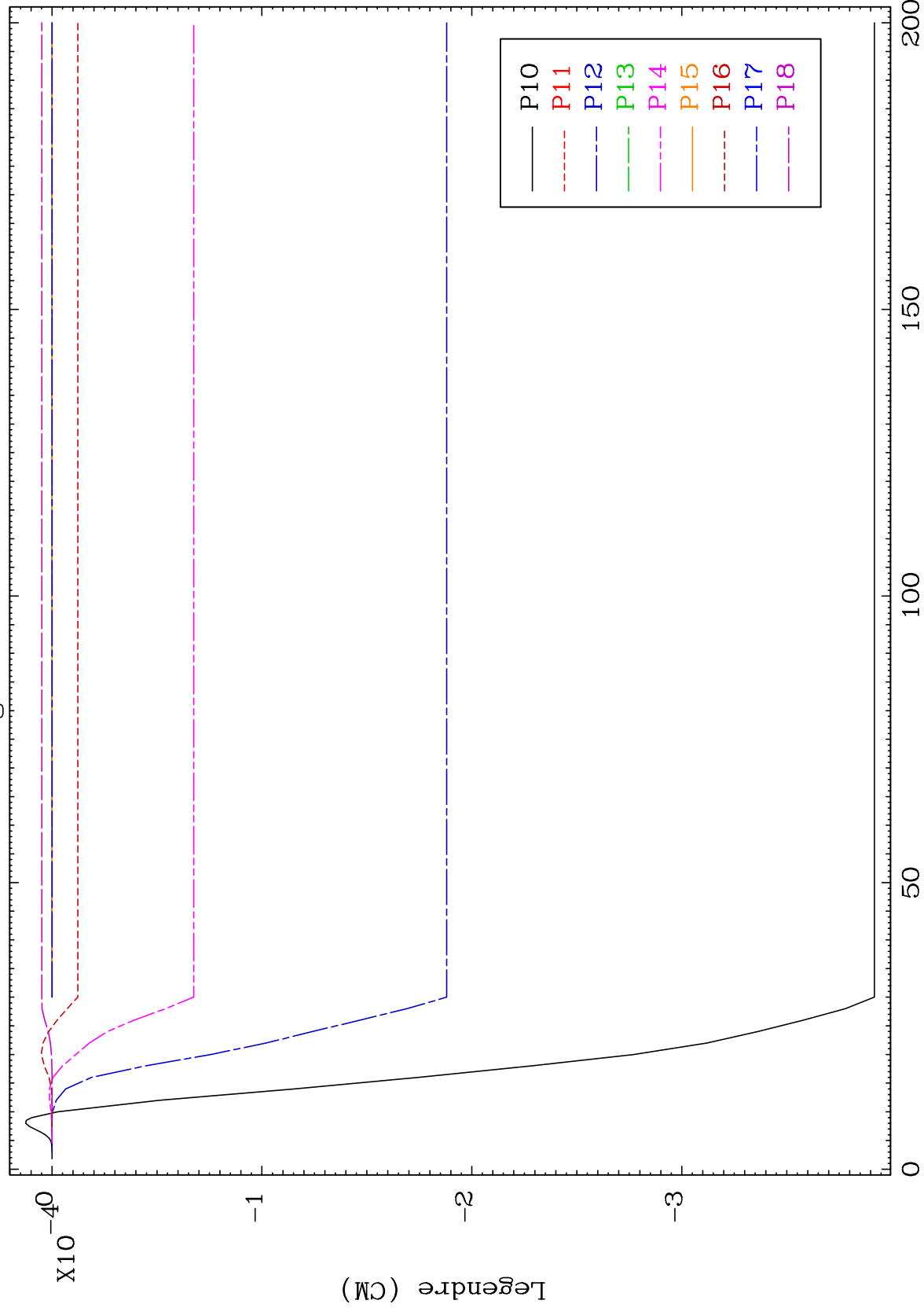
Incident Energy (MeV)

61-Pm-134

MAT 6110

MT= 57 (n,n') Level
Legendre Coefficients

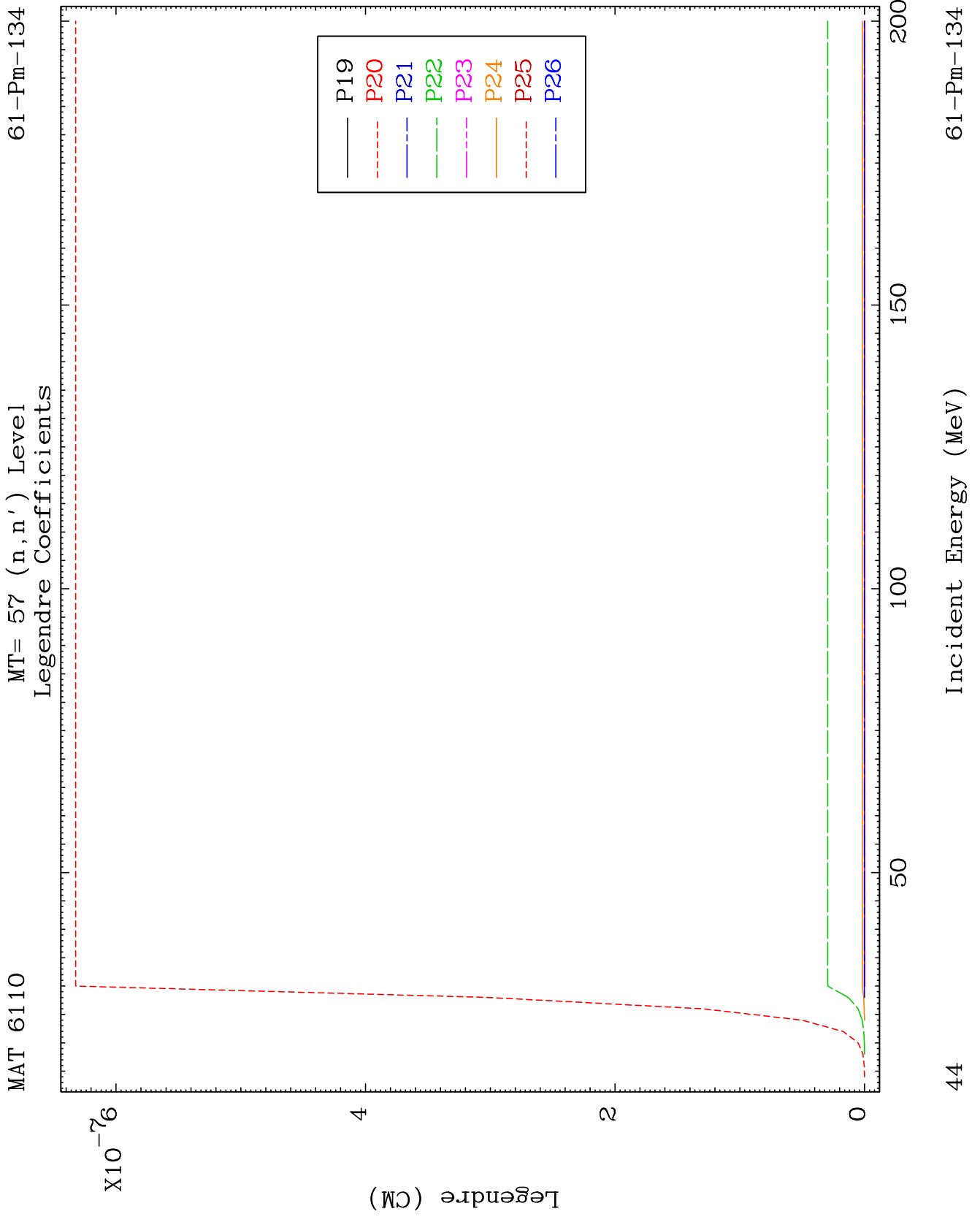
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43

Incident Energy (MeV)

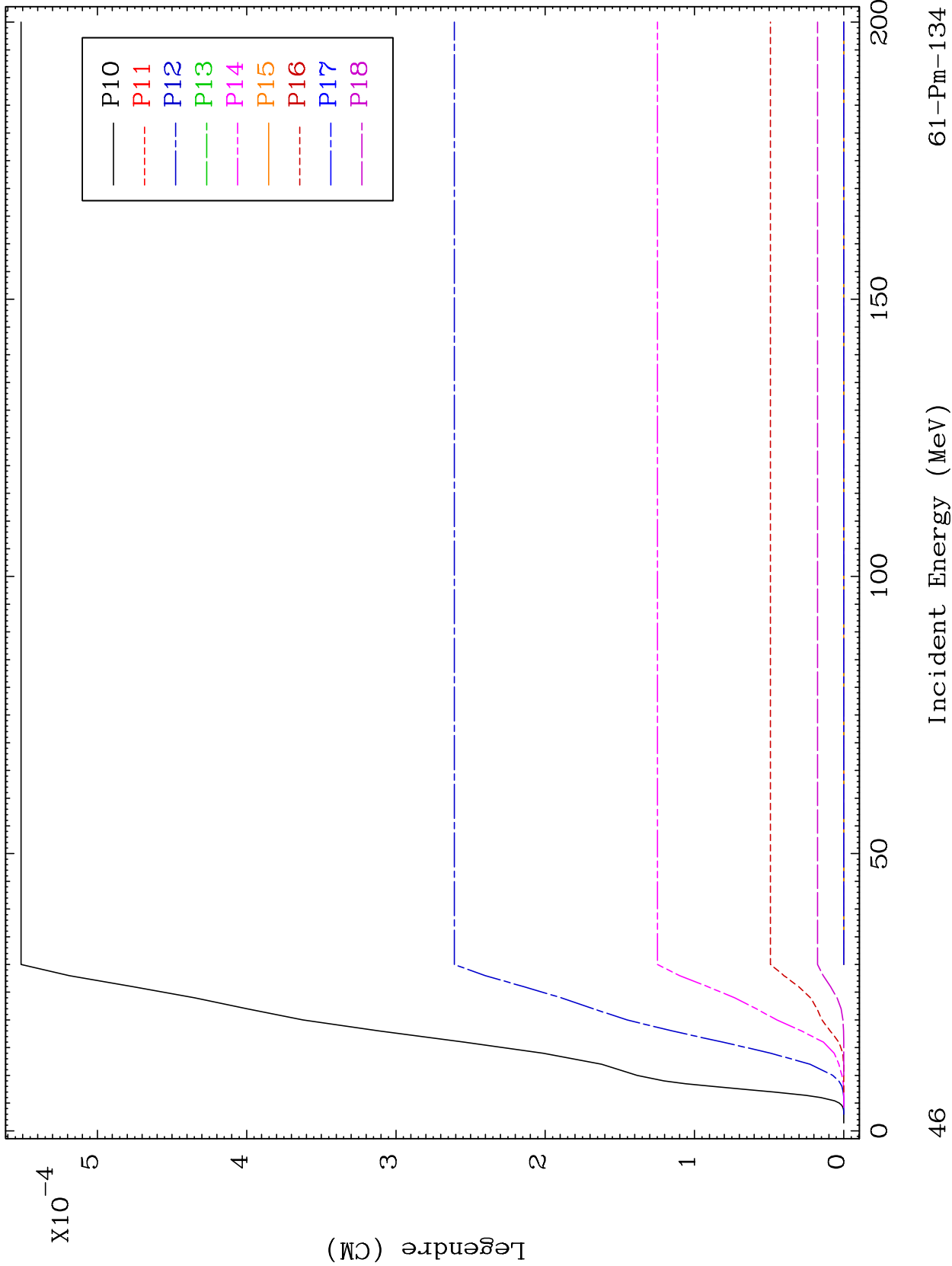
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MAT 6110

MT= 58 (n,n') Level
Legendre Coefficients

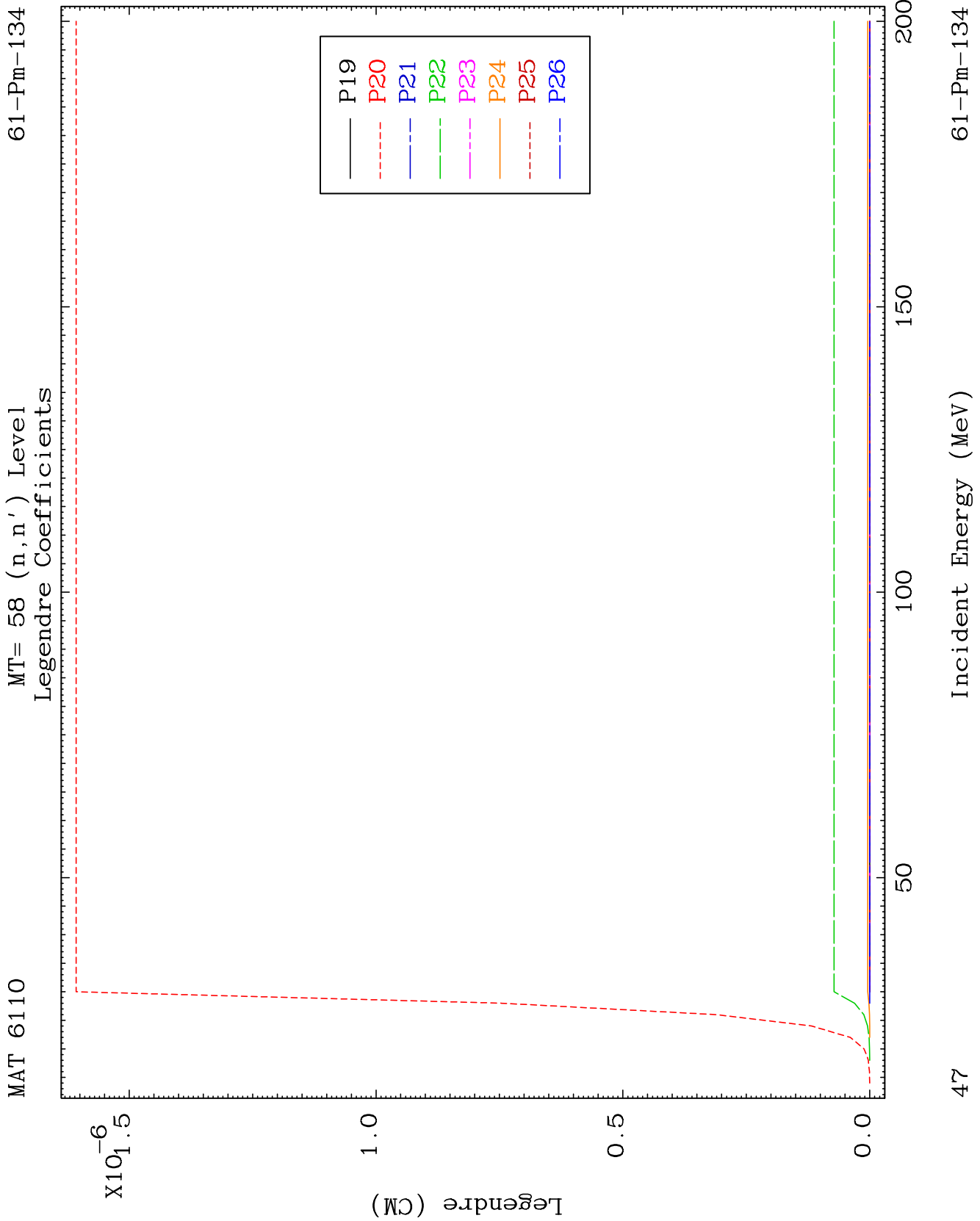
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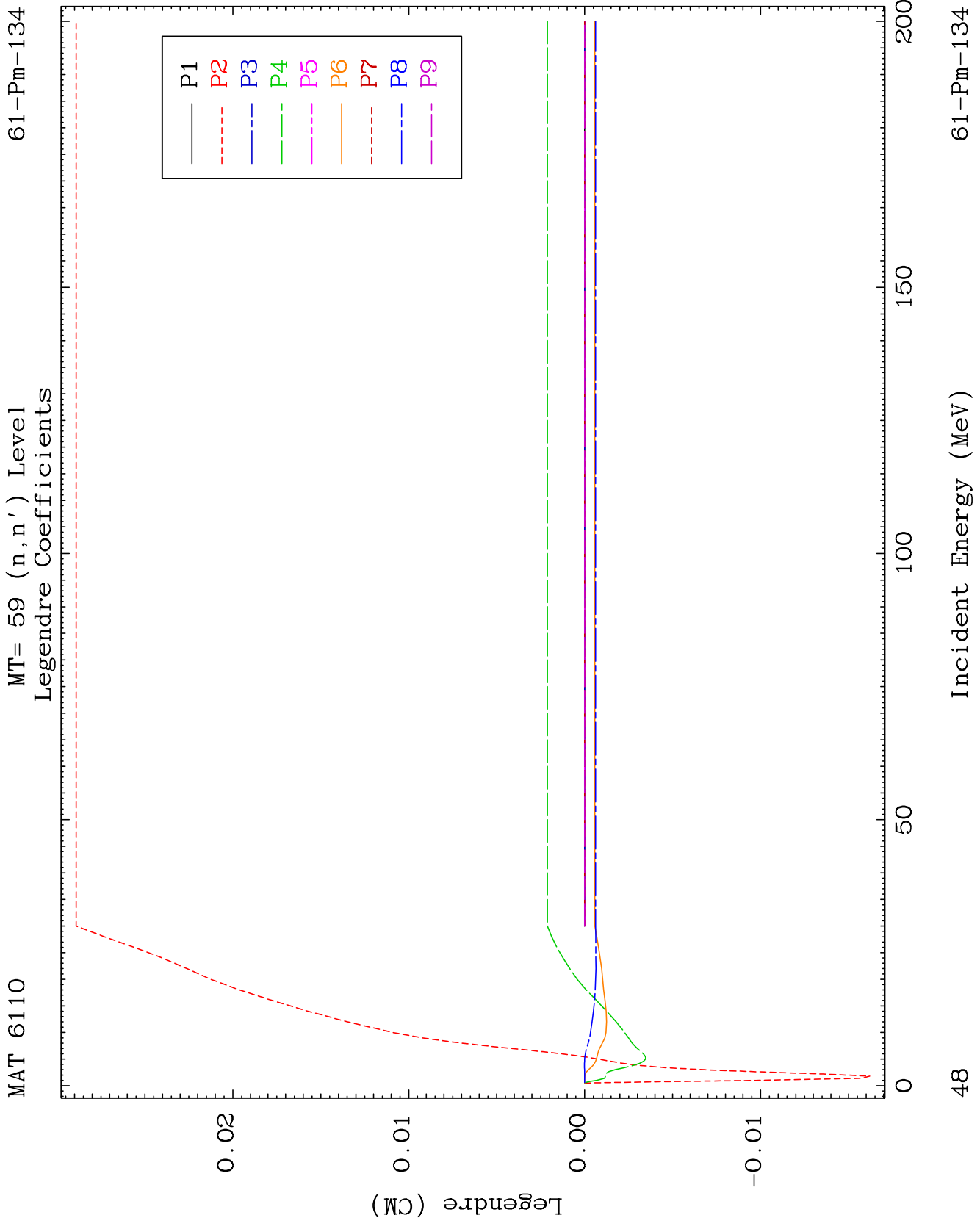


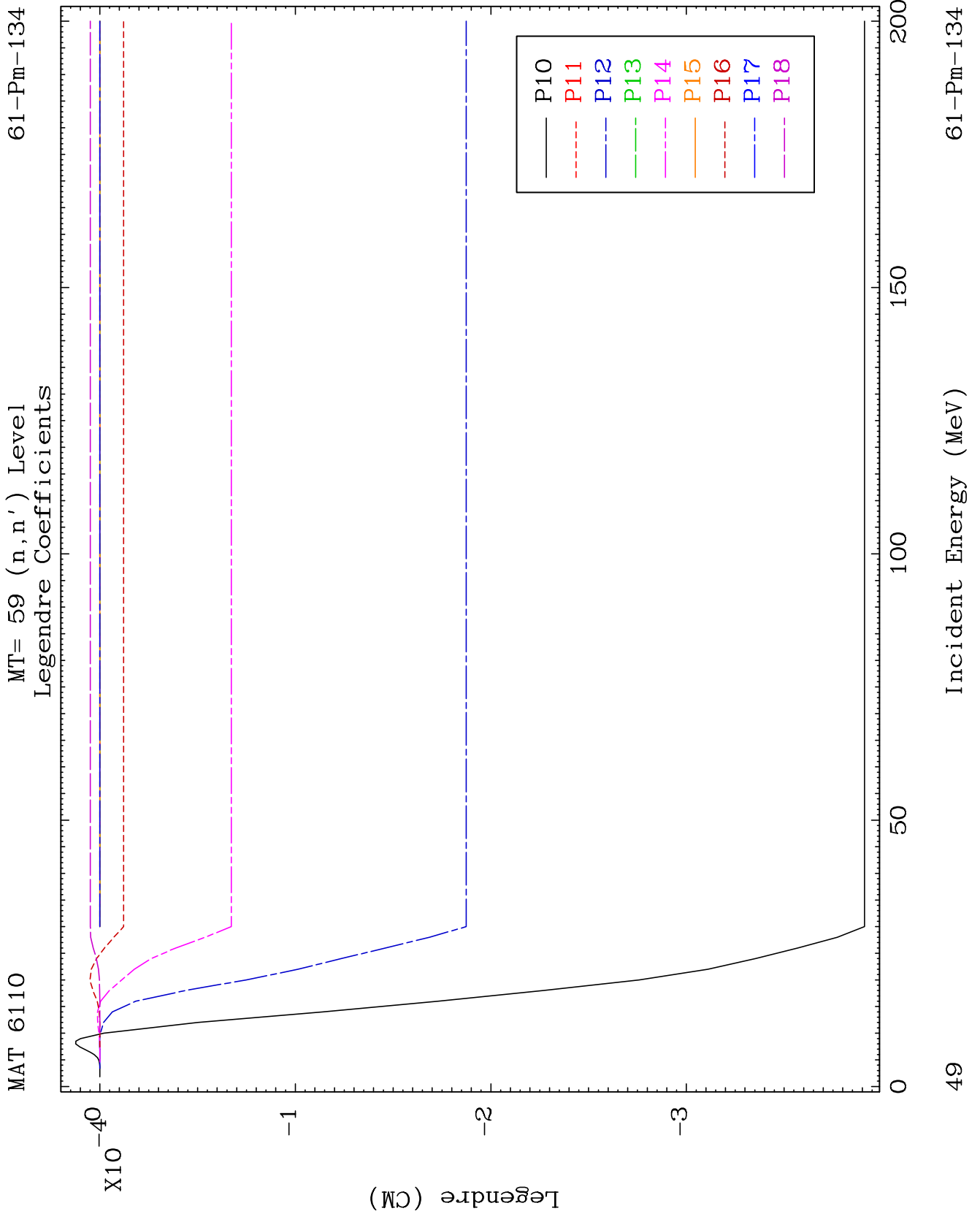
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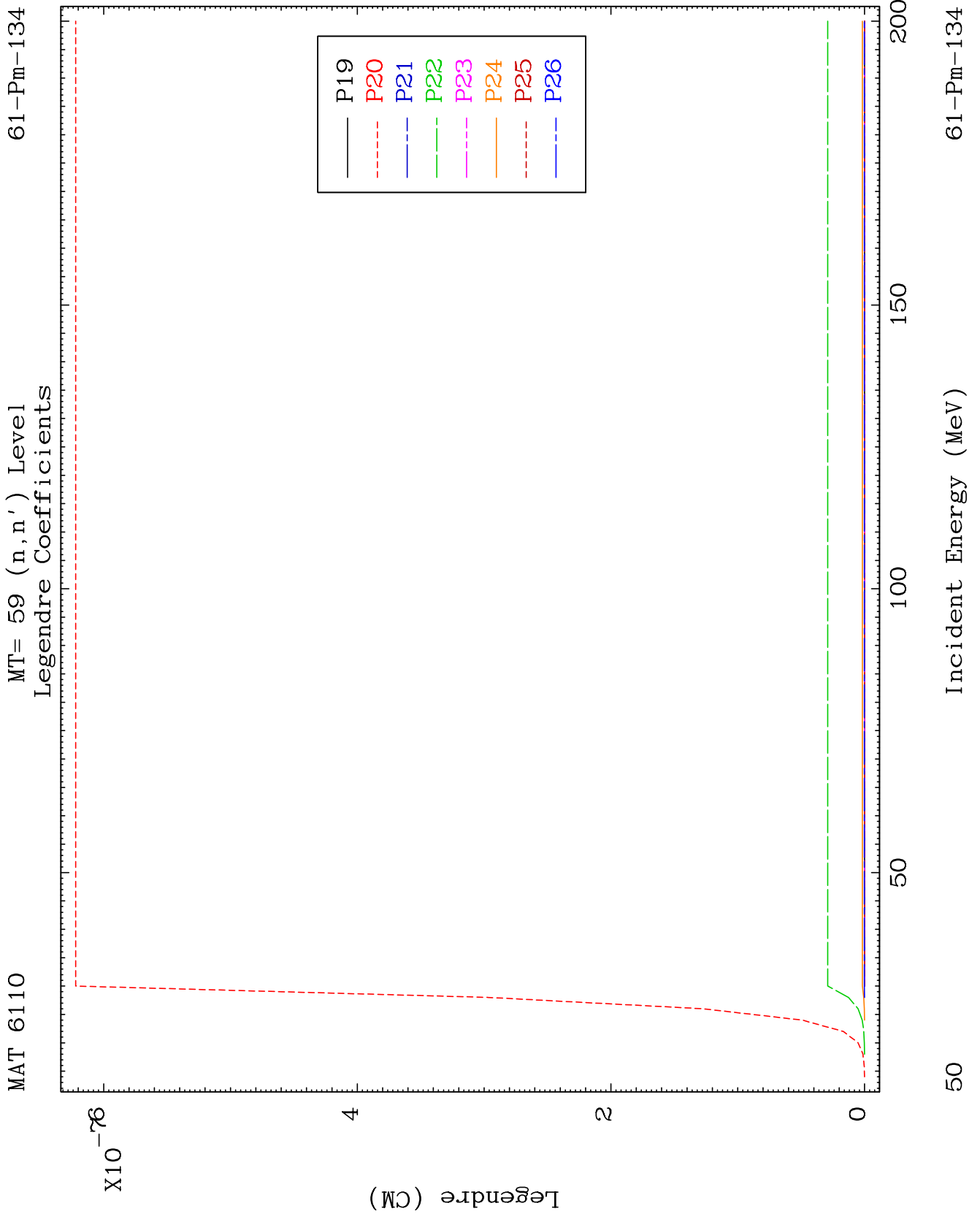
Incident Energy (MeV)

46





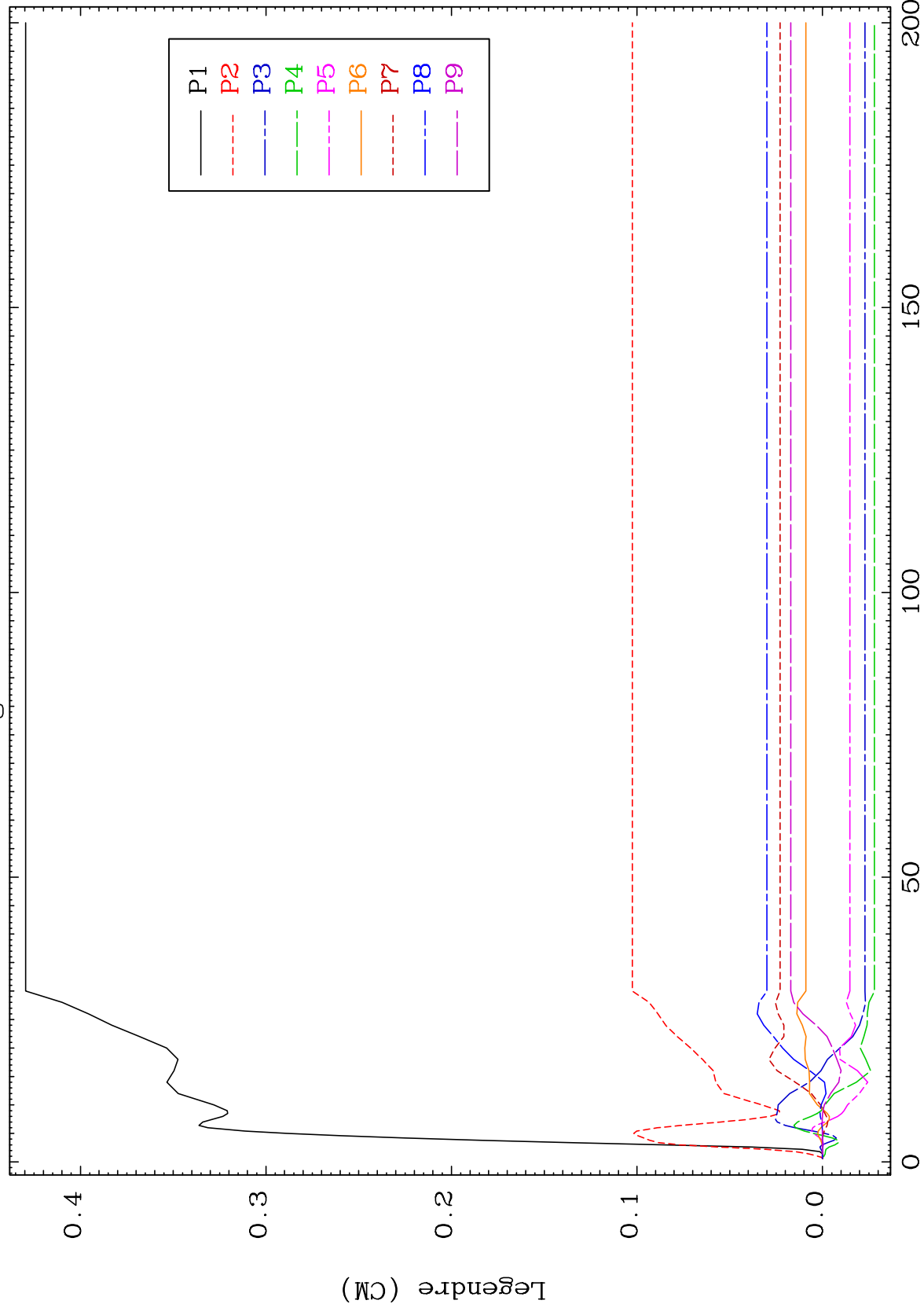




MAT 6110

MT= 60 (n,n') Level
Legendre Coefficients

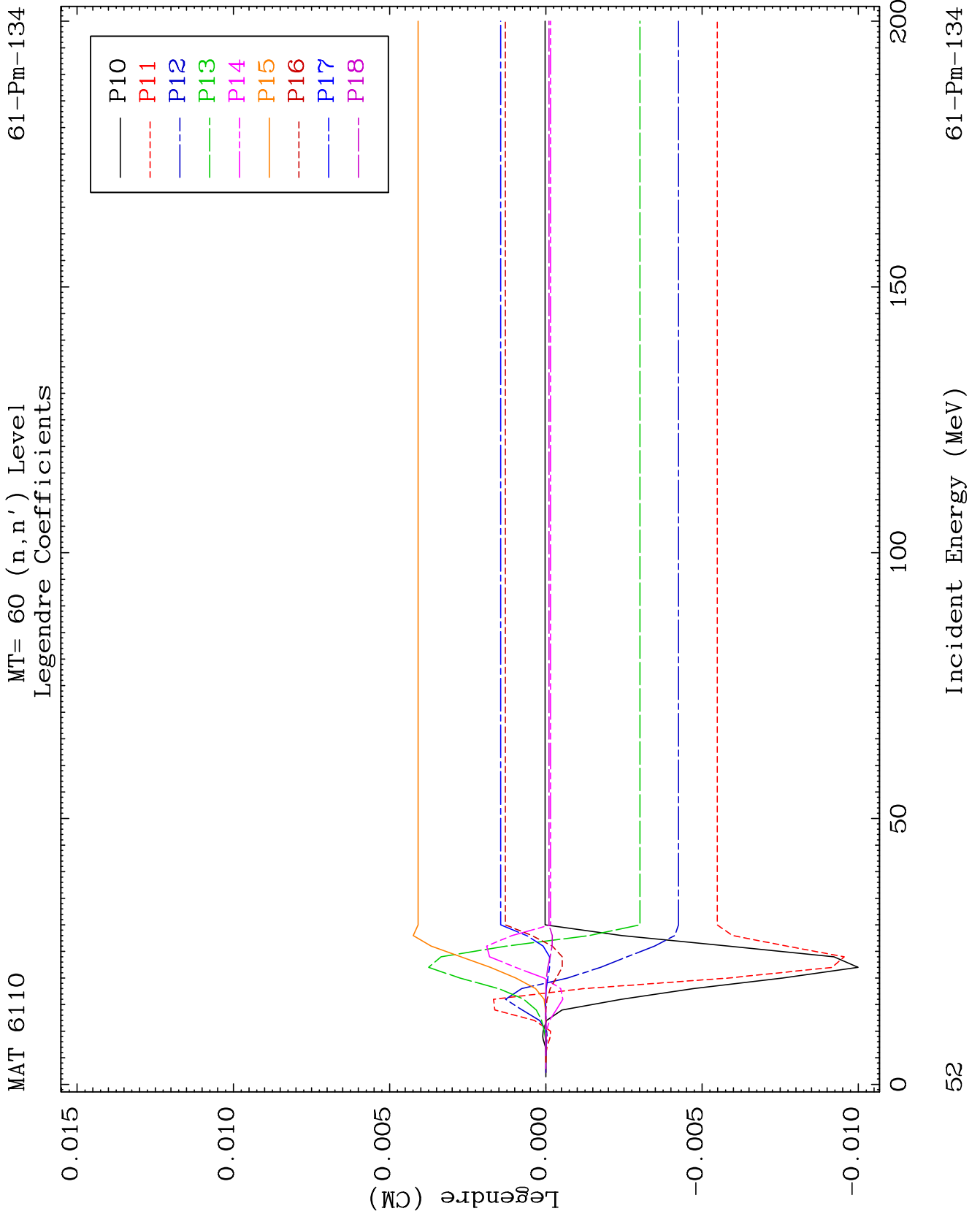
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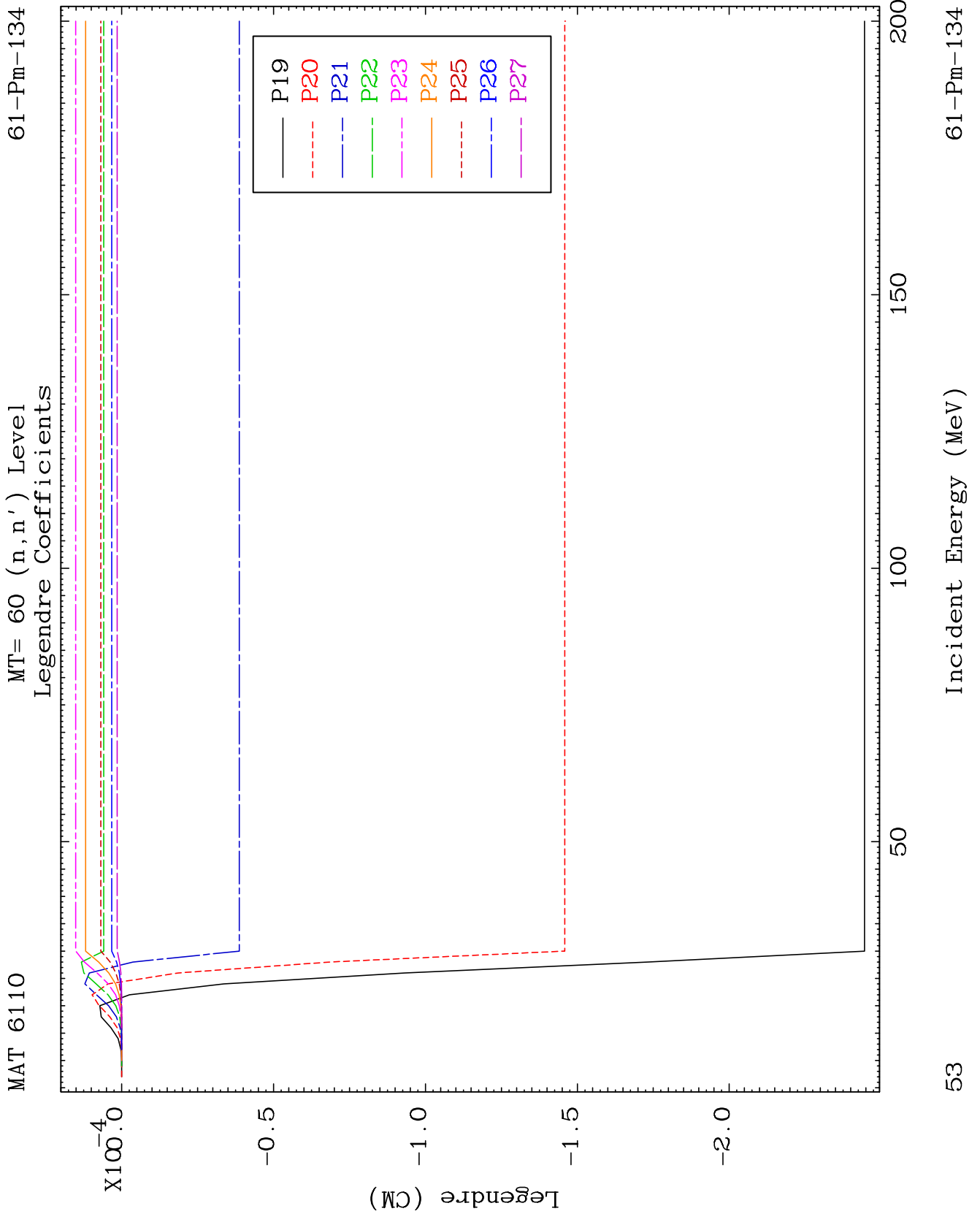


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Incident Energy (MeV)

61-Pm-134

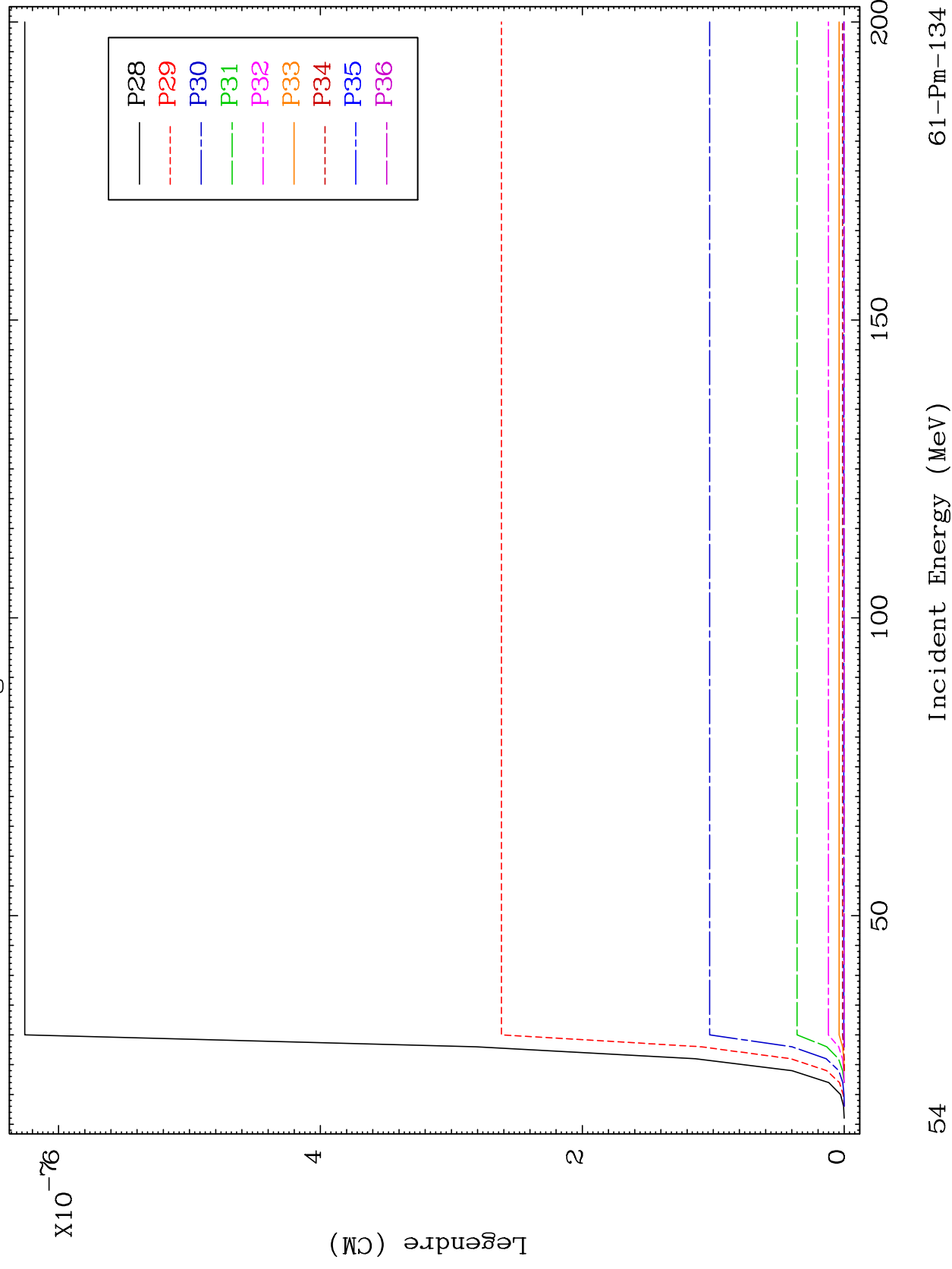




MAT 6110

MT= 60 (n,n') Level
Legendre Coefficients

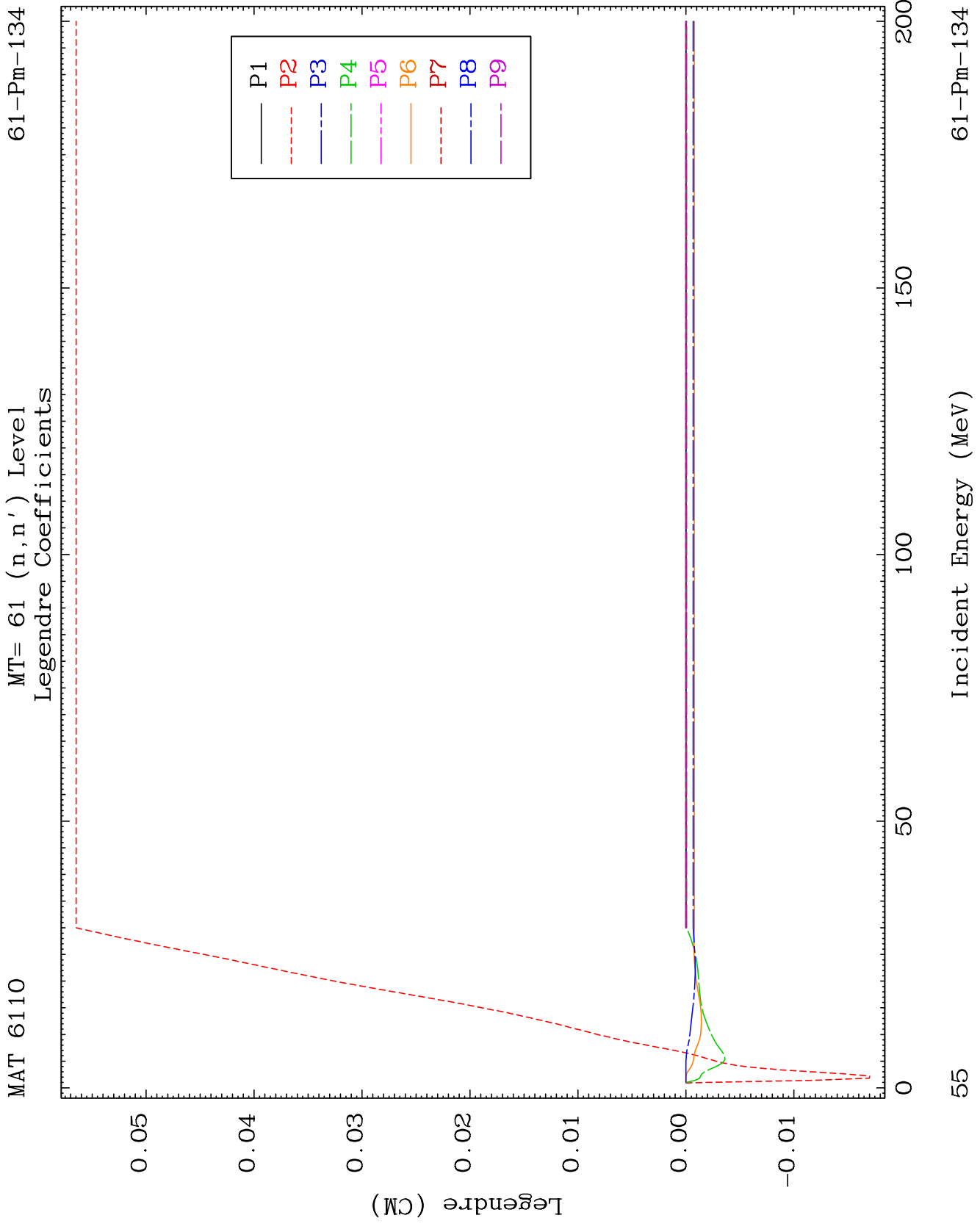
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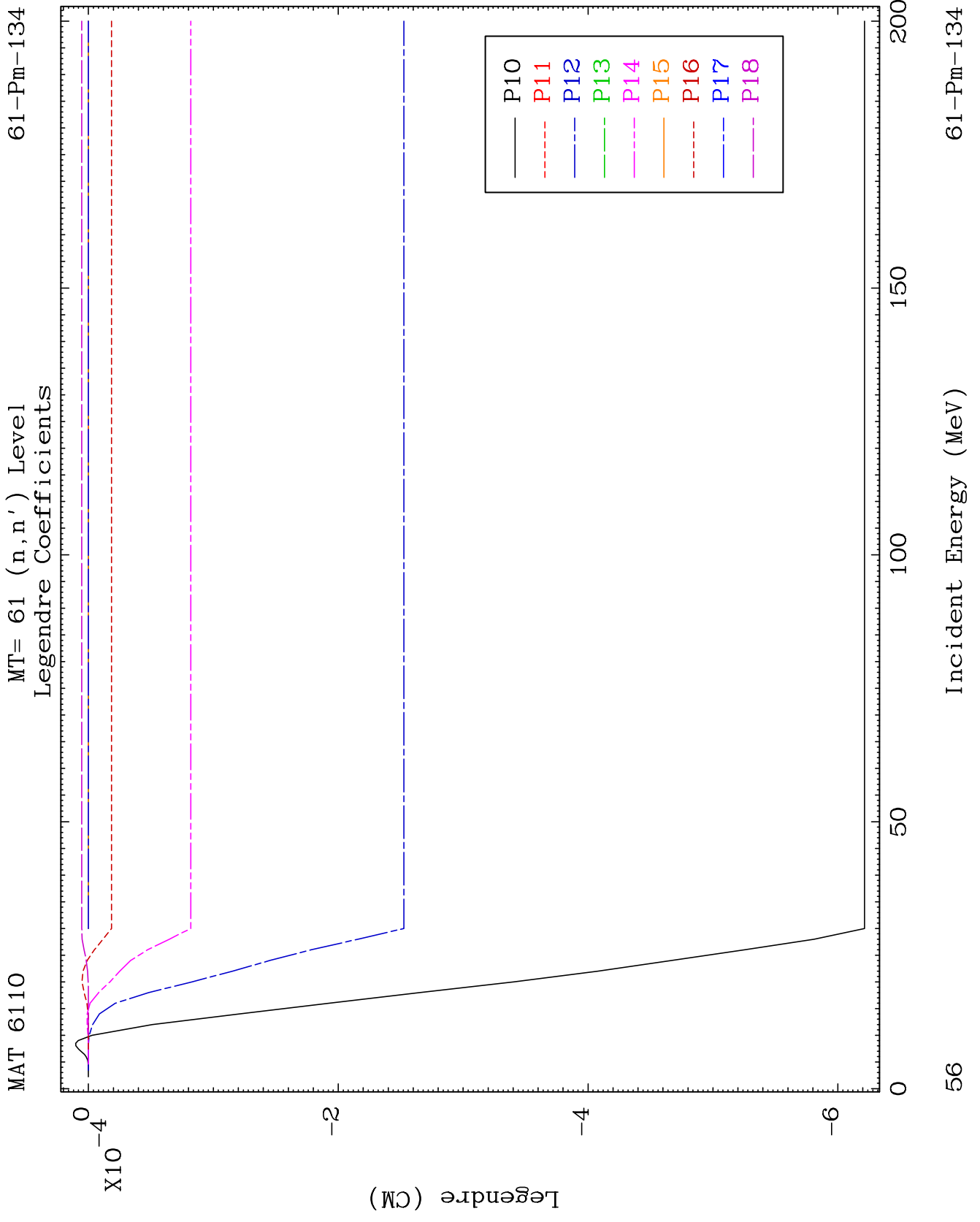


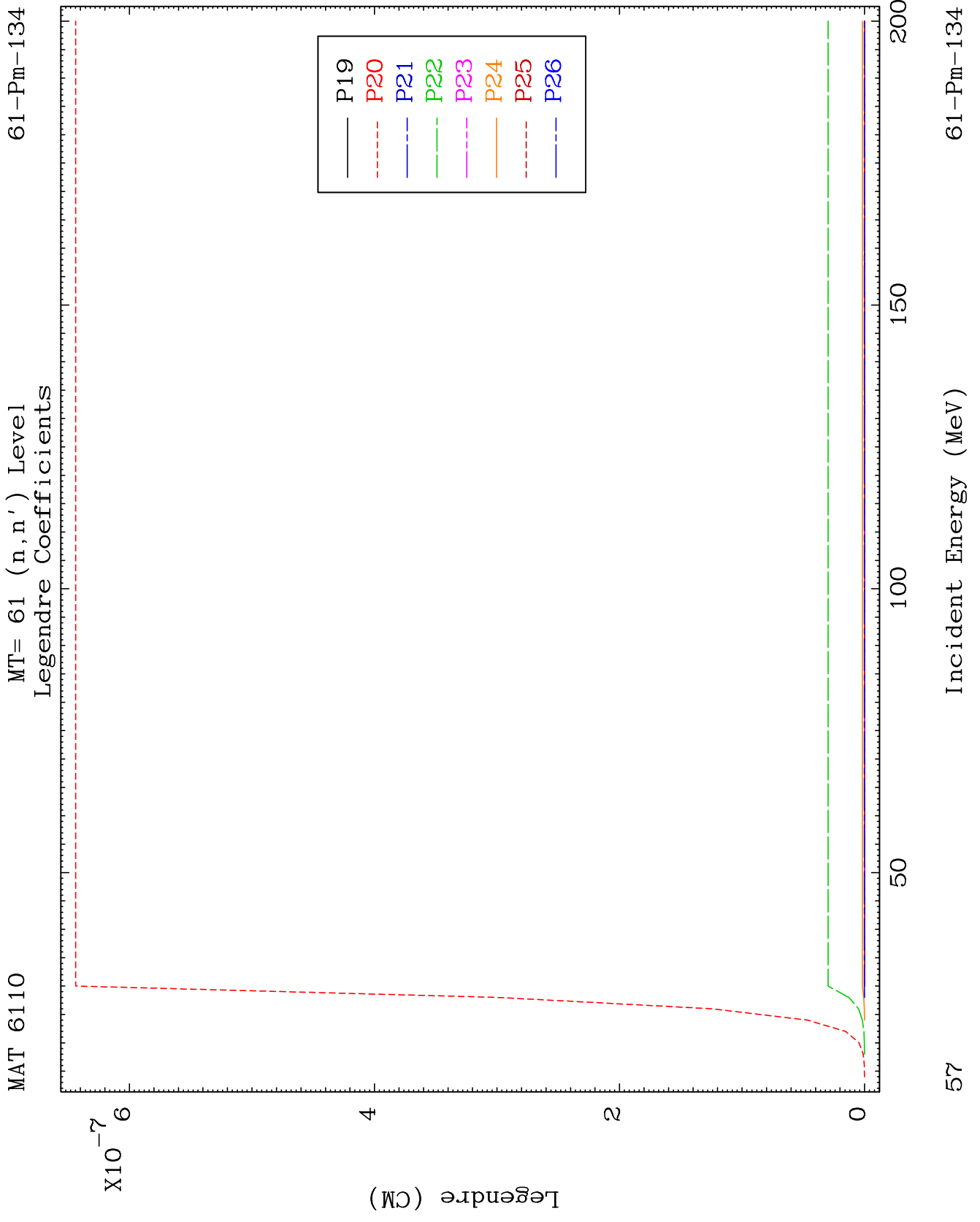
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Incident Energy (MeV)

61-Pm-134



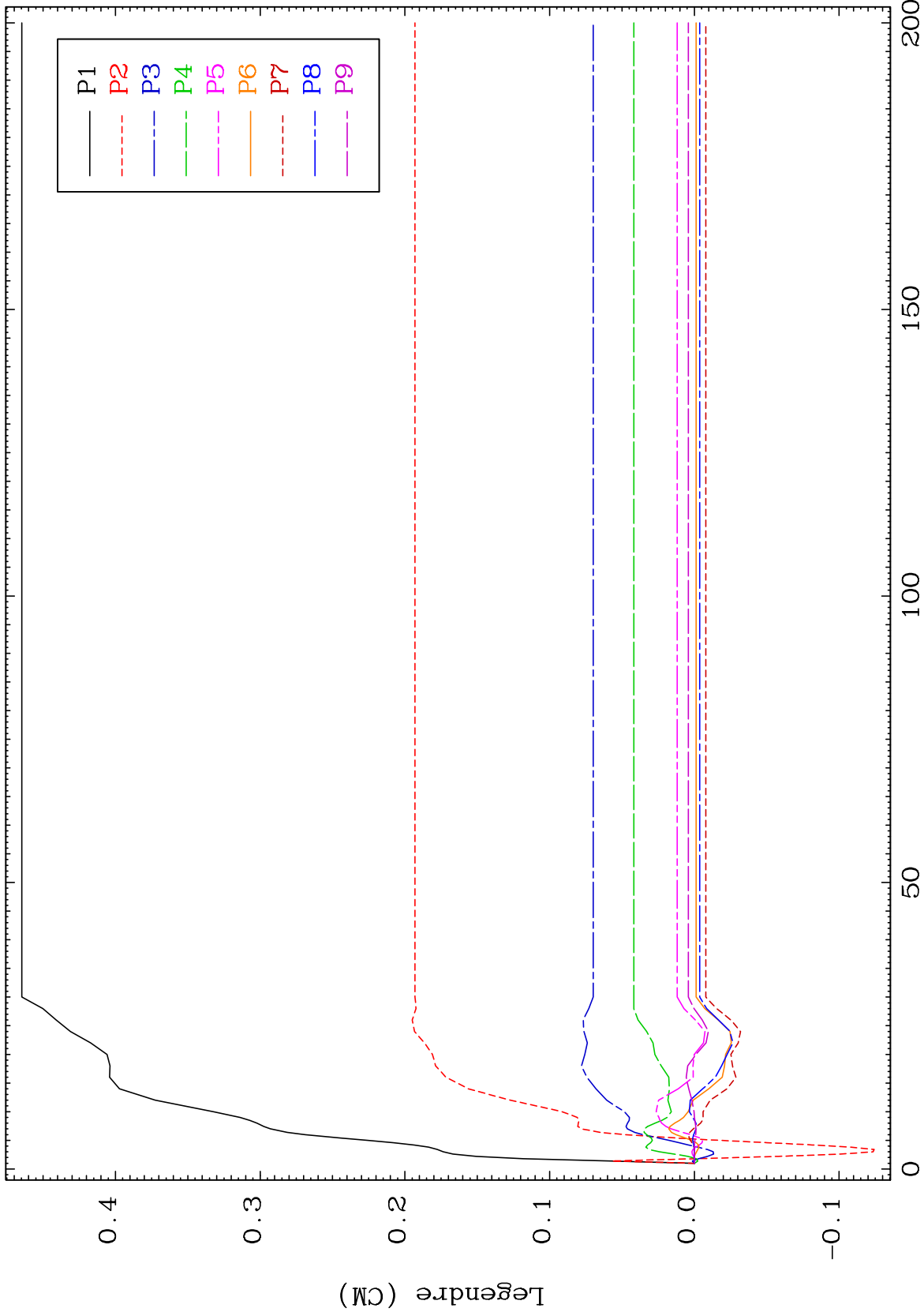




MAT 6110

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-134



58

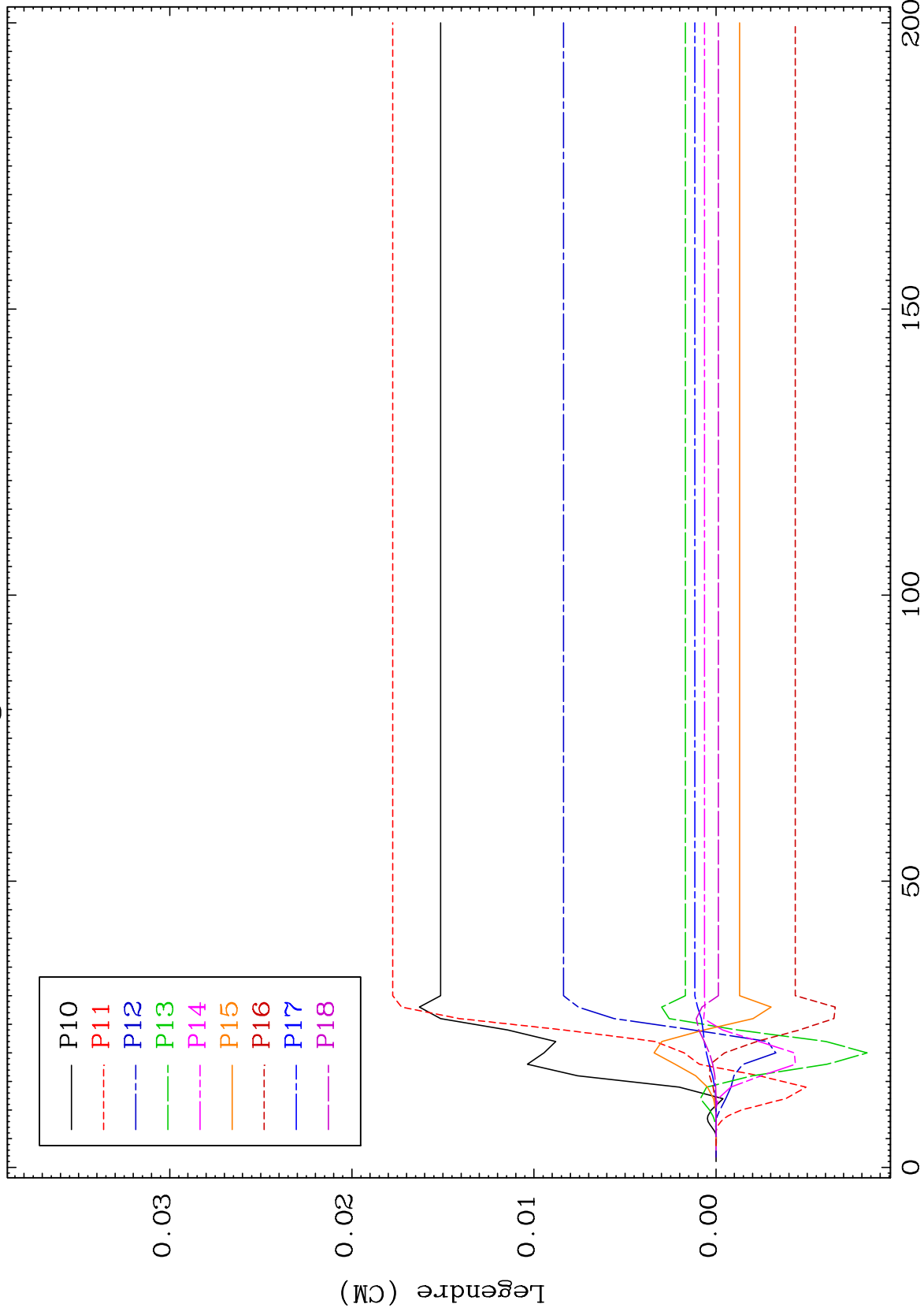
Incident Energy (MeV)

61-Pm-134

MAT 6110

MT= 62 (n,n') Level
Legendre Coefficients

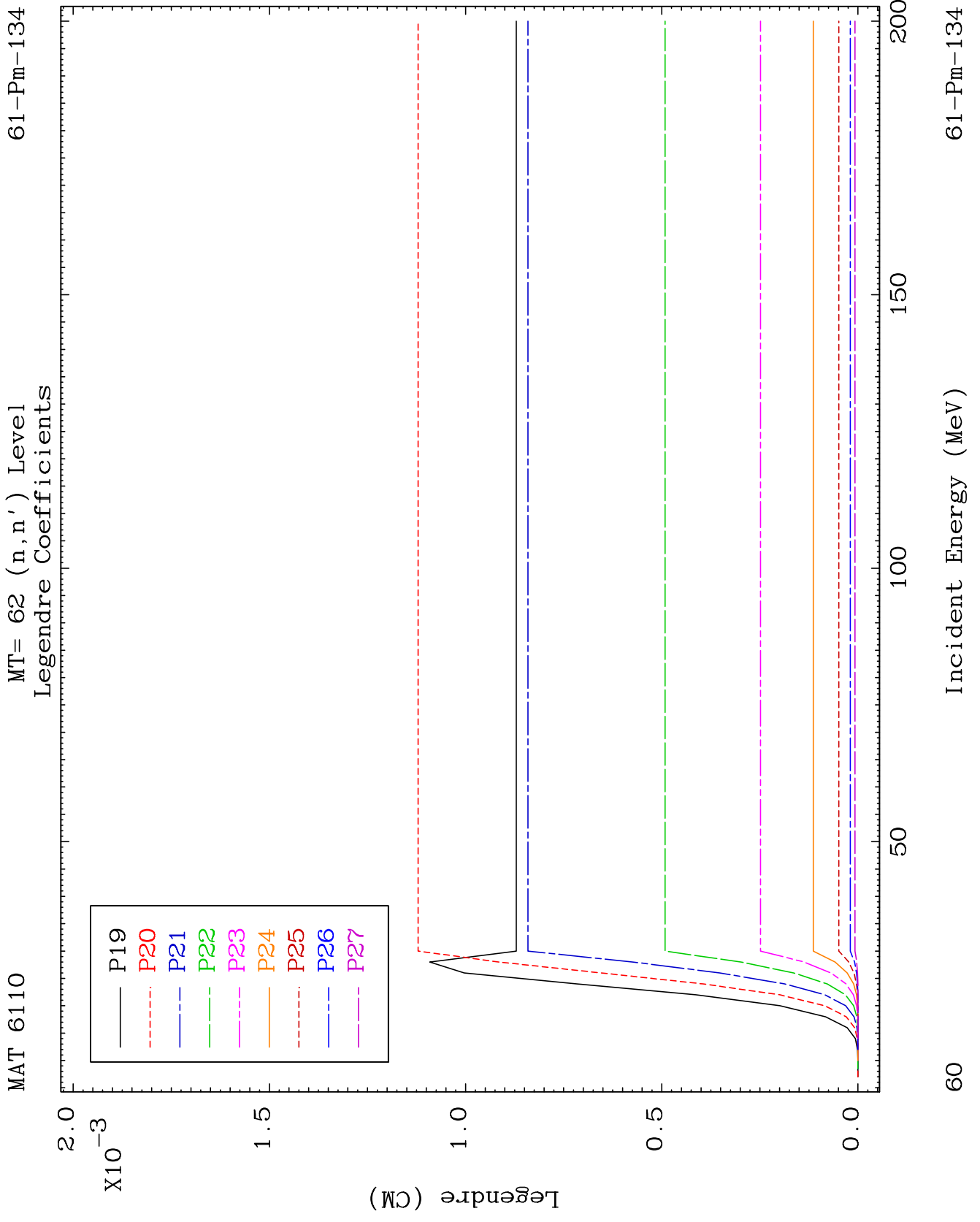
61-Pm-134



59

Incident Energy (MeV)

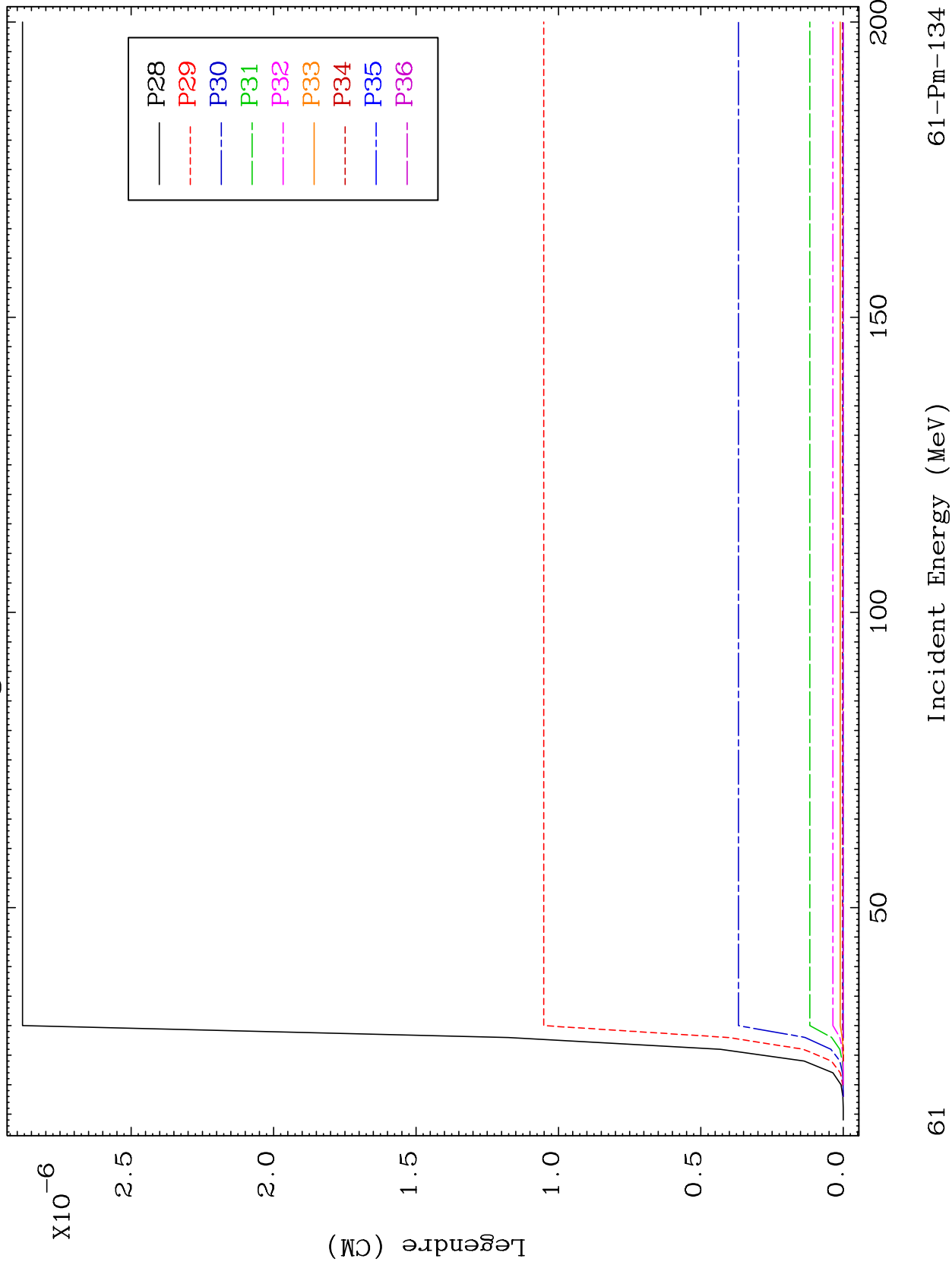
61-Pm-134



MAT 6110

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-134



61

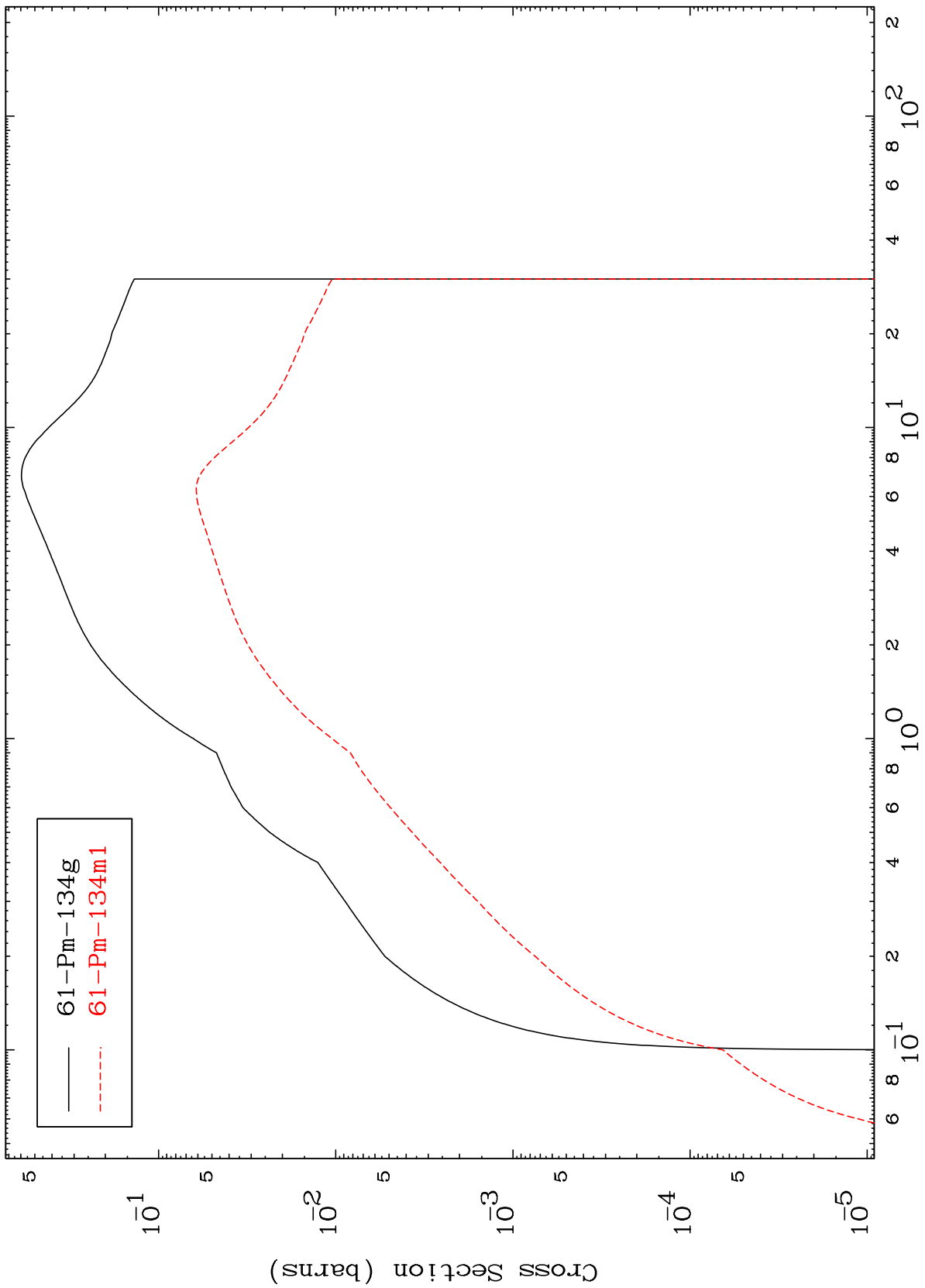
Incident Energy (MeV)

61-Pm-134

MAT 6110

61-Pm-134

Inelastic
Radionuclide Production Cross Section



62

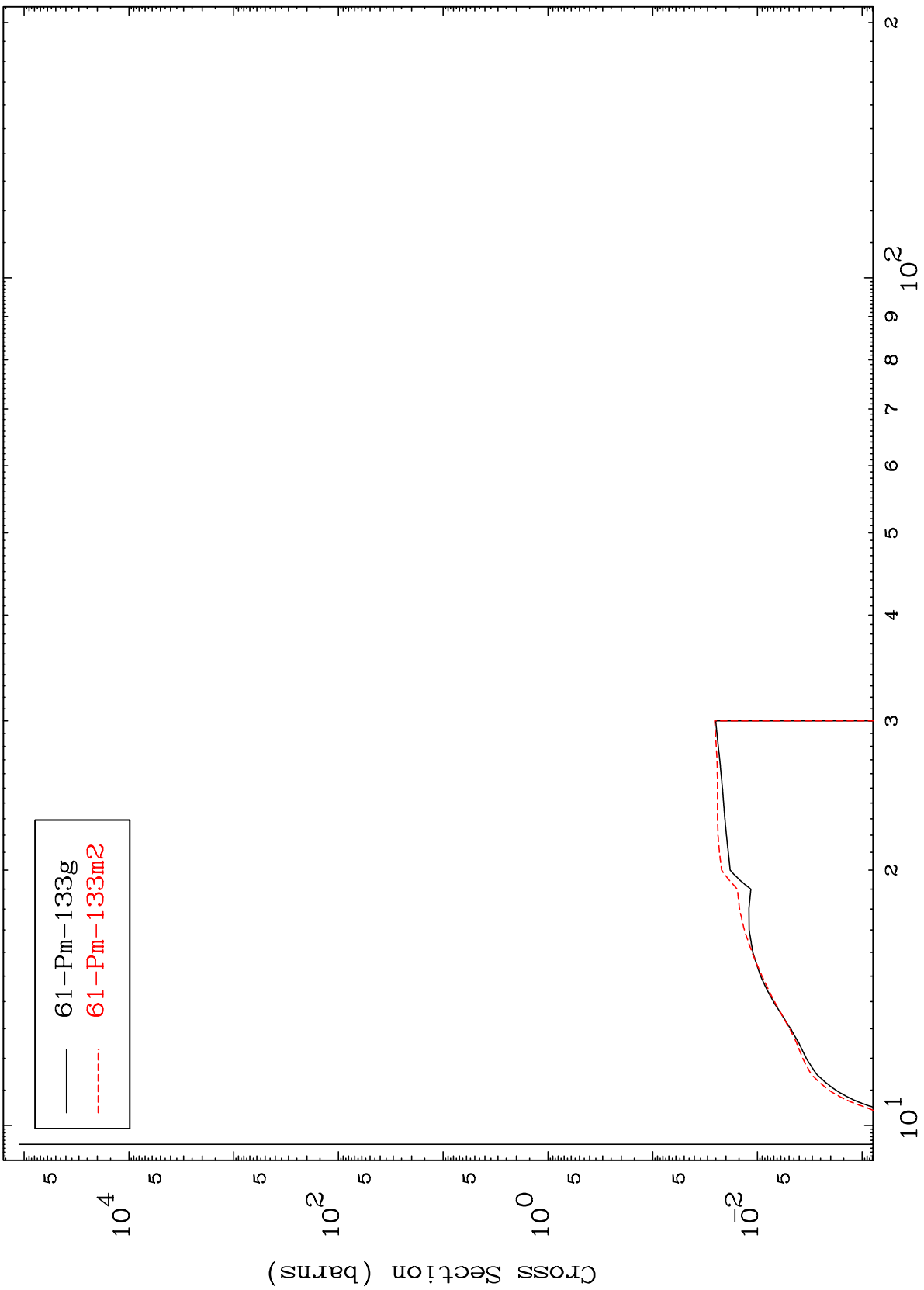
61-Pm-134

Incident Energy (MeV)

MAT 6110

61-Pm-134

(n,2n)
Radionuclide Production Cross Section



63

Incident Energy (MeV)

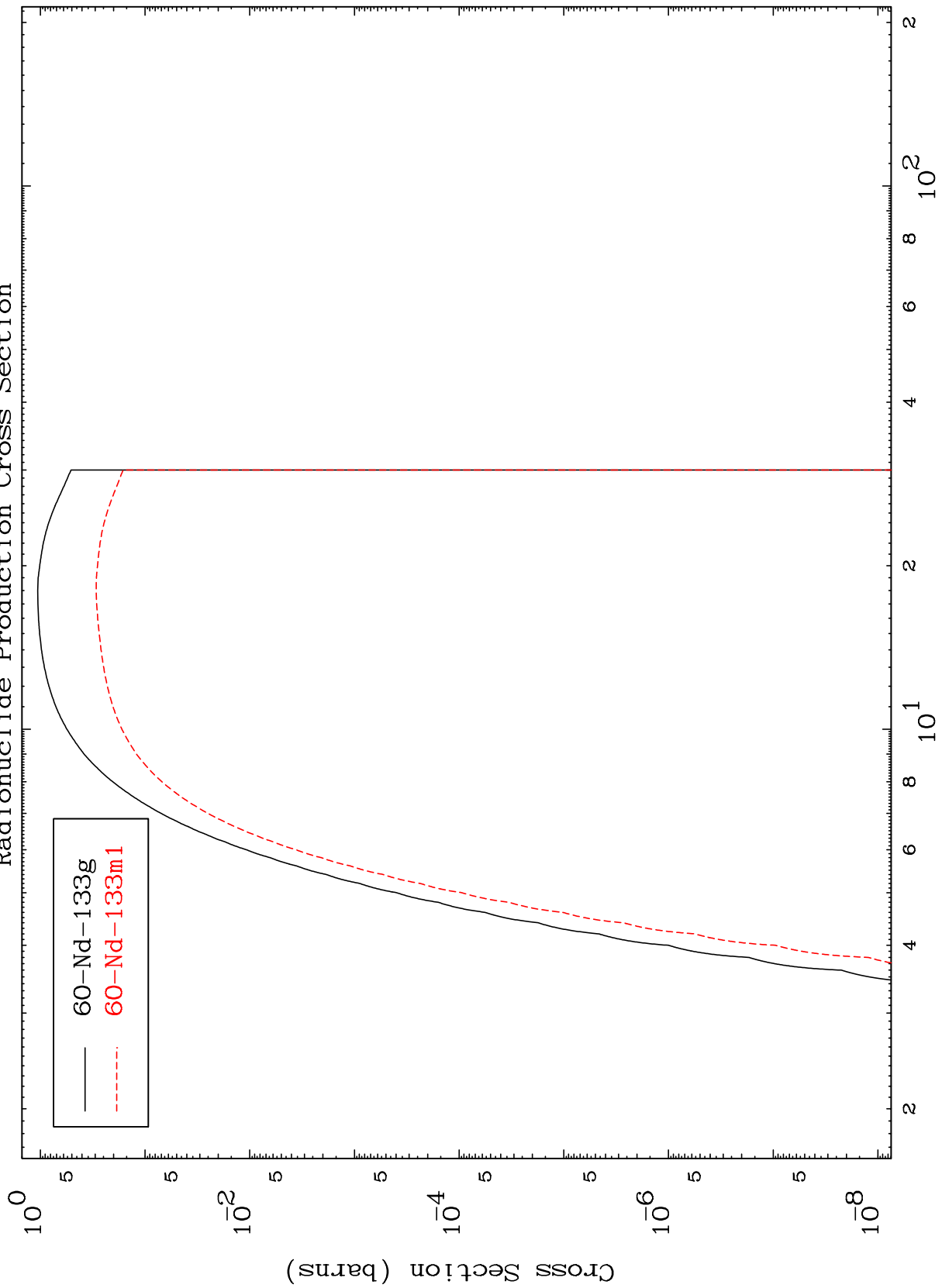
61-Pm-134

MAT 6110

(n,n') p

61-Pm-134

Radionuclide Production Cross Section



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

64

Incident Energy (MeV)

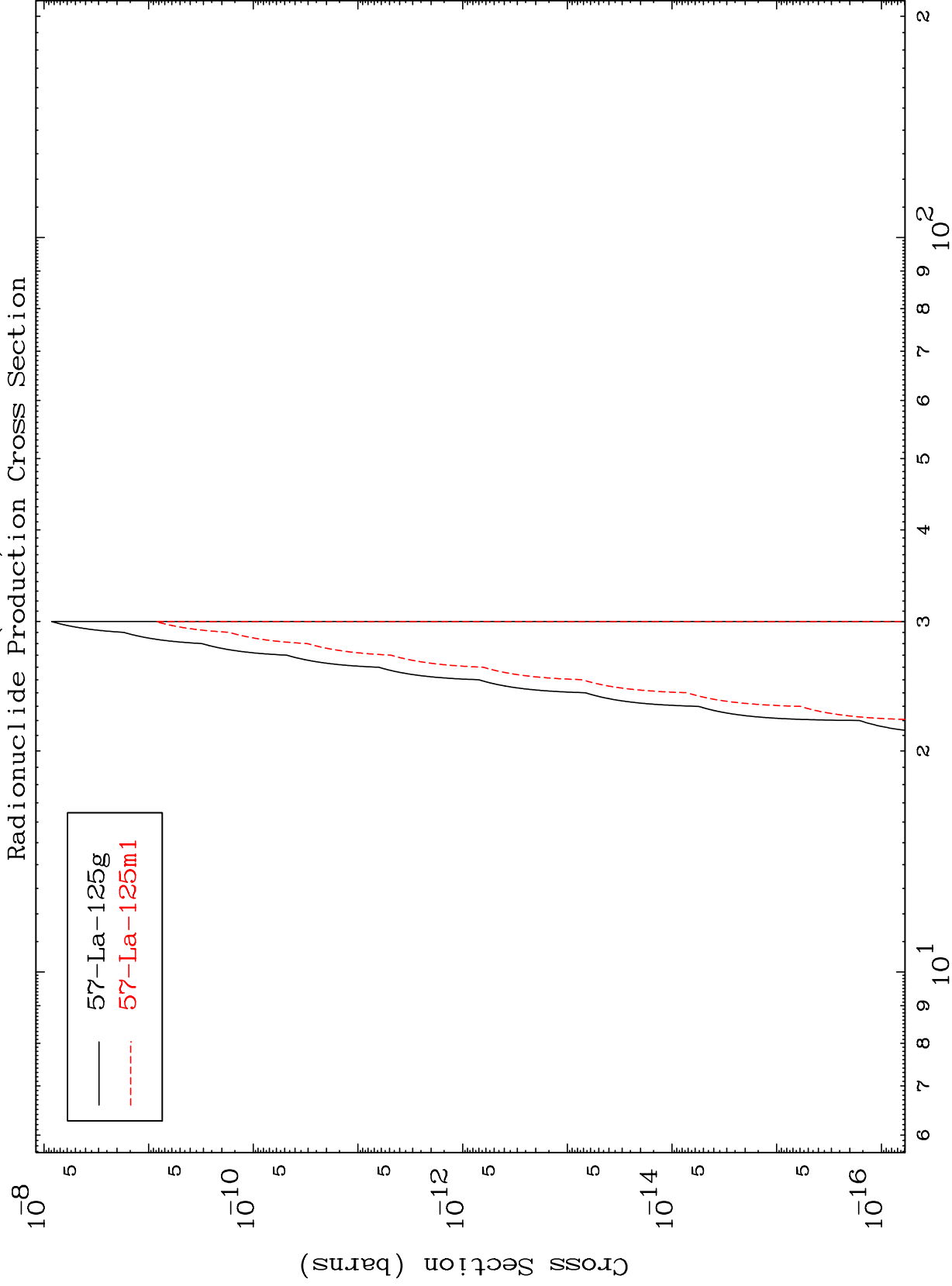
61-Pm-134

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(n,2n) 2 α

61-Pm-134

Radionuclide Production Cross Section



65

Incident Energy (MeV)

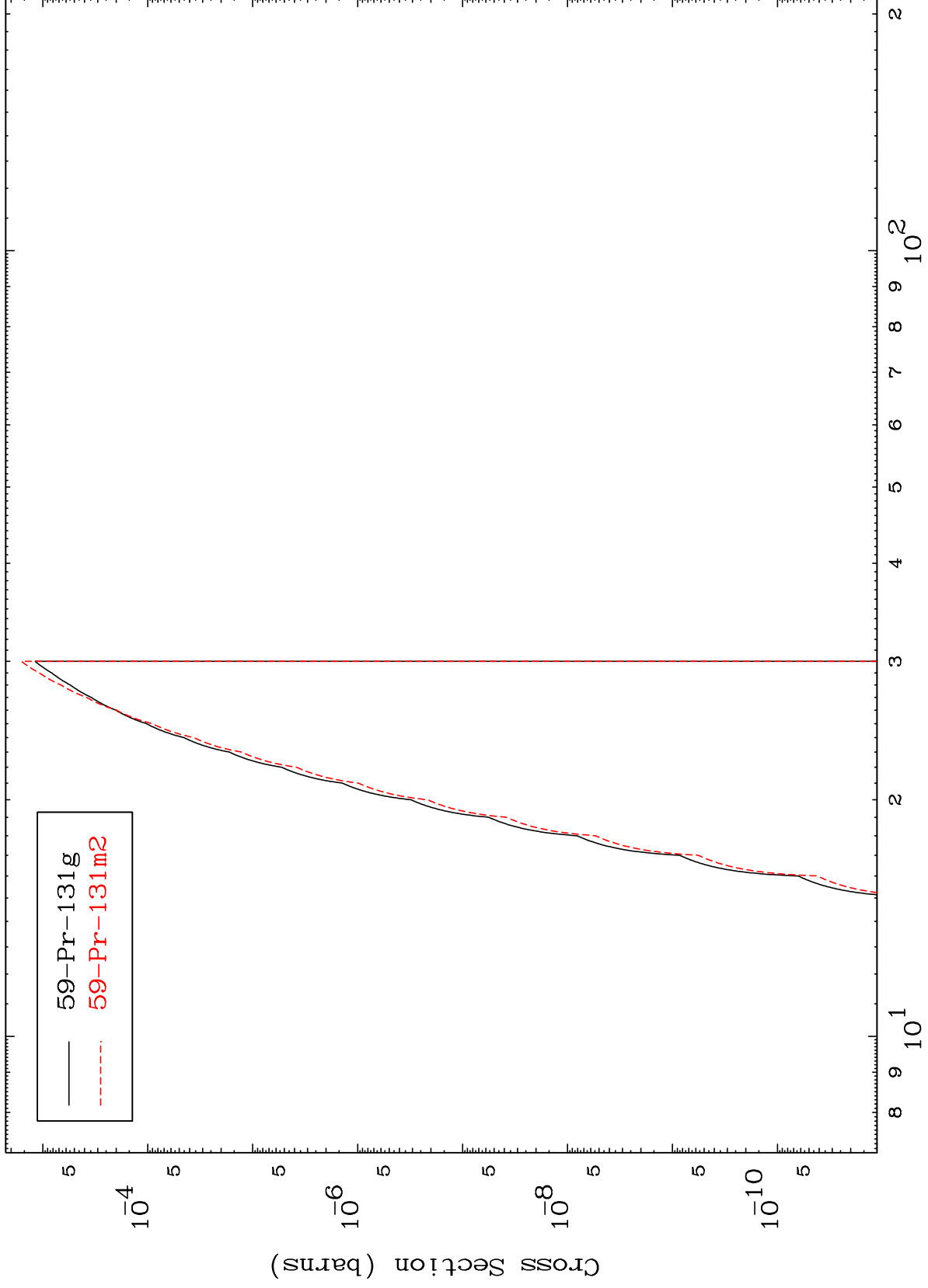
61-Pm-134

MAT 6110

(n,n') He-3

61-Pm-134

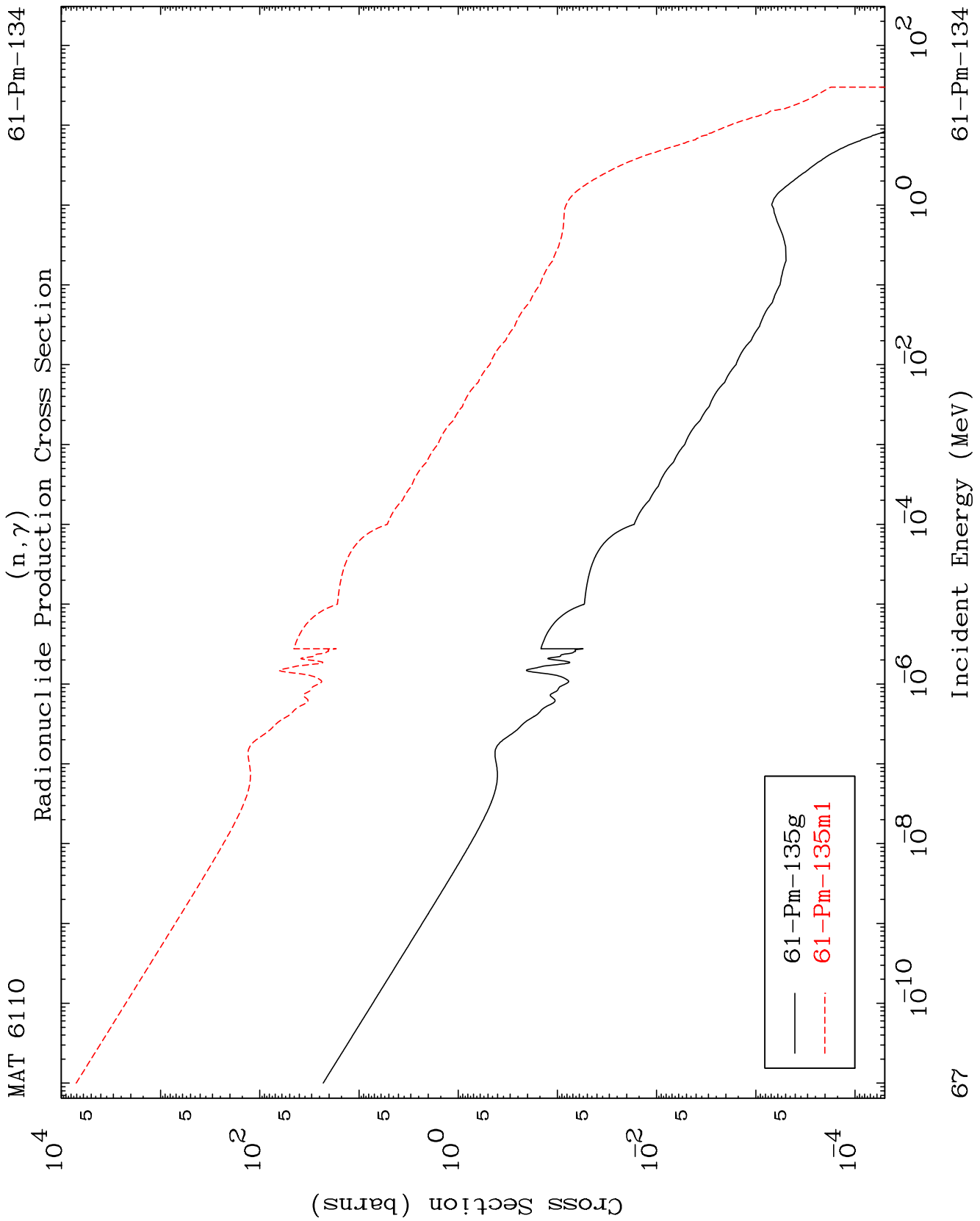
Radionuclide Production Cross Section



66

Incident Energy (MeV)

61-Pm-134

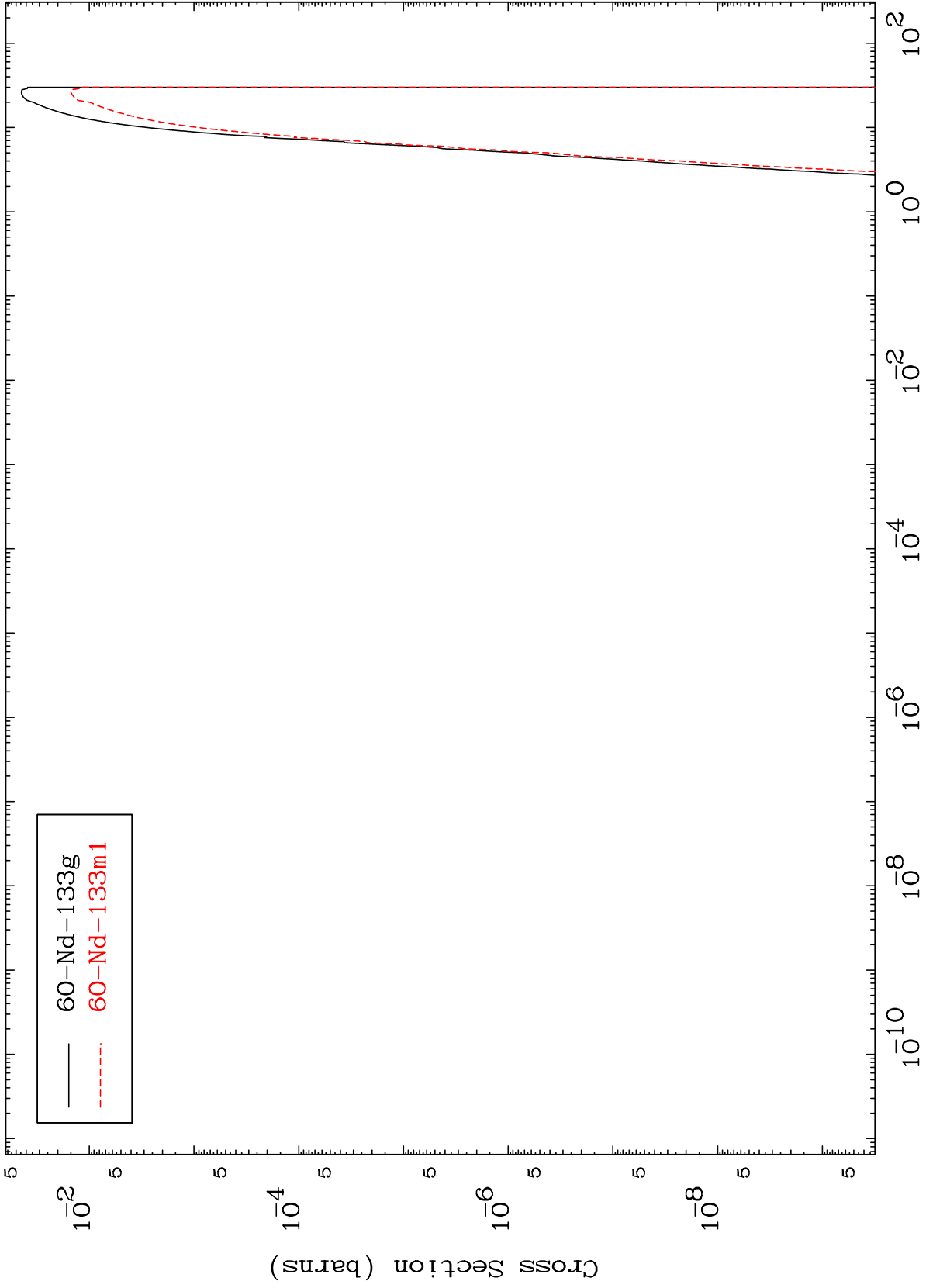


MAT 6110

(n,d)

61-Pm-134

Radionuclide Production Cross Section



68

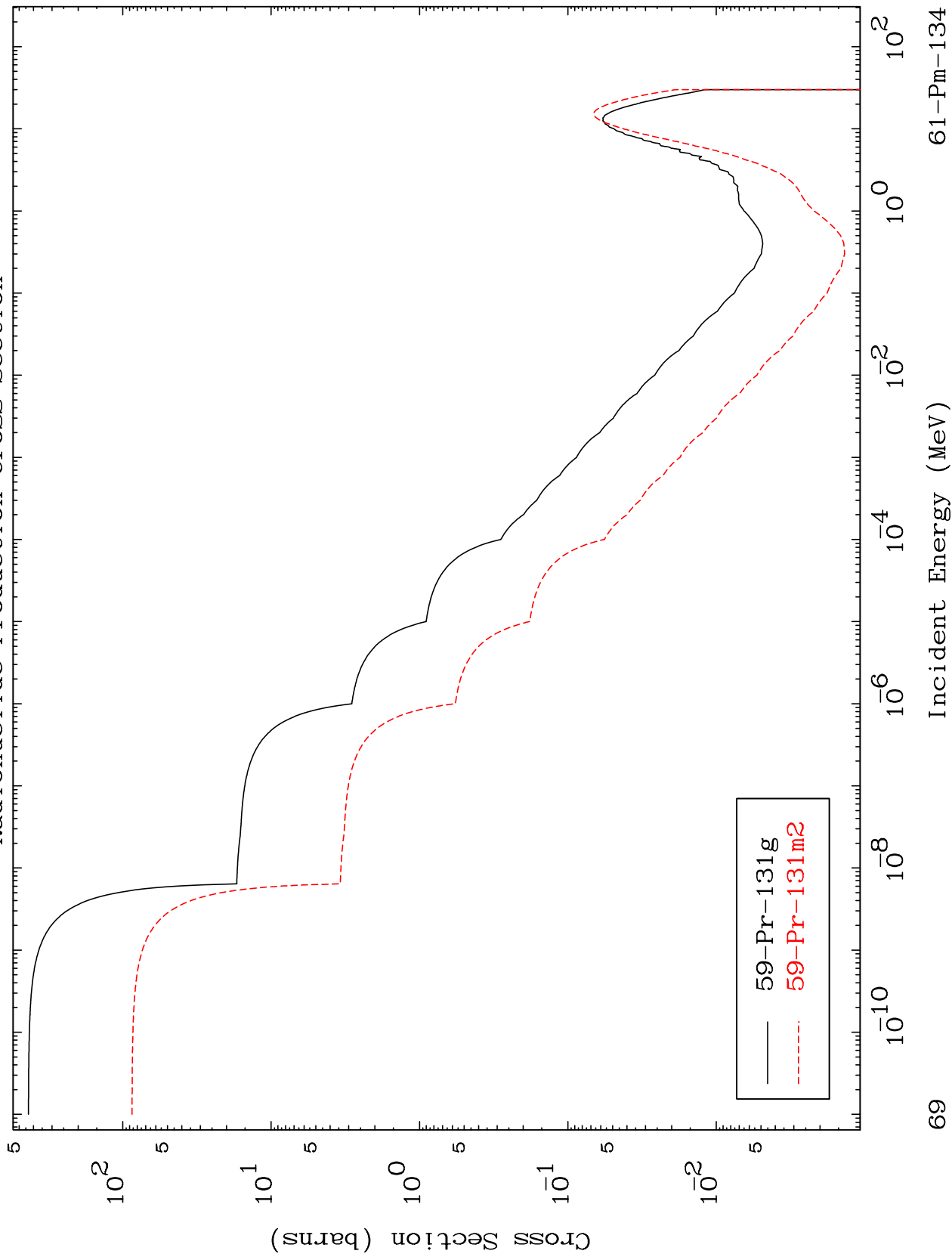
Incident Energy (MeV)

61-Pm-134

MAT 6110

61-Pm-134

Radionuclide Production Cross Section

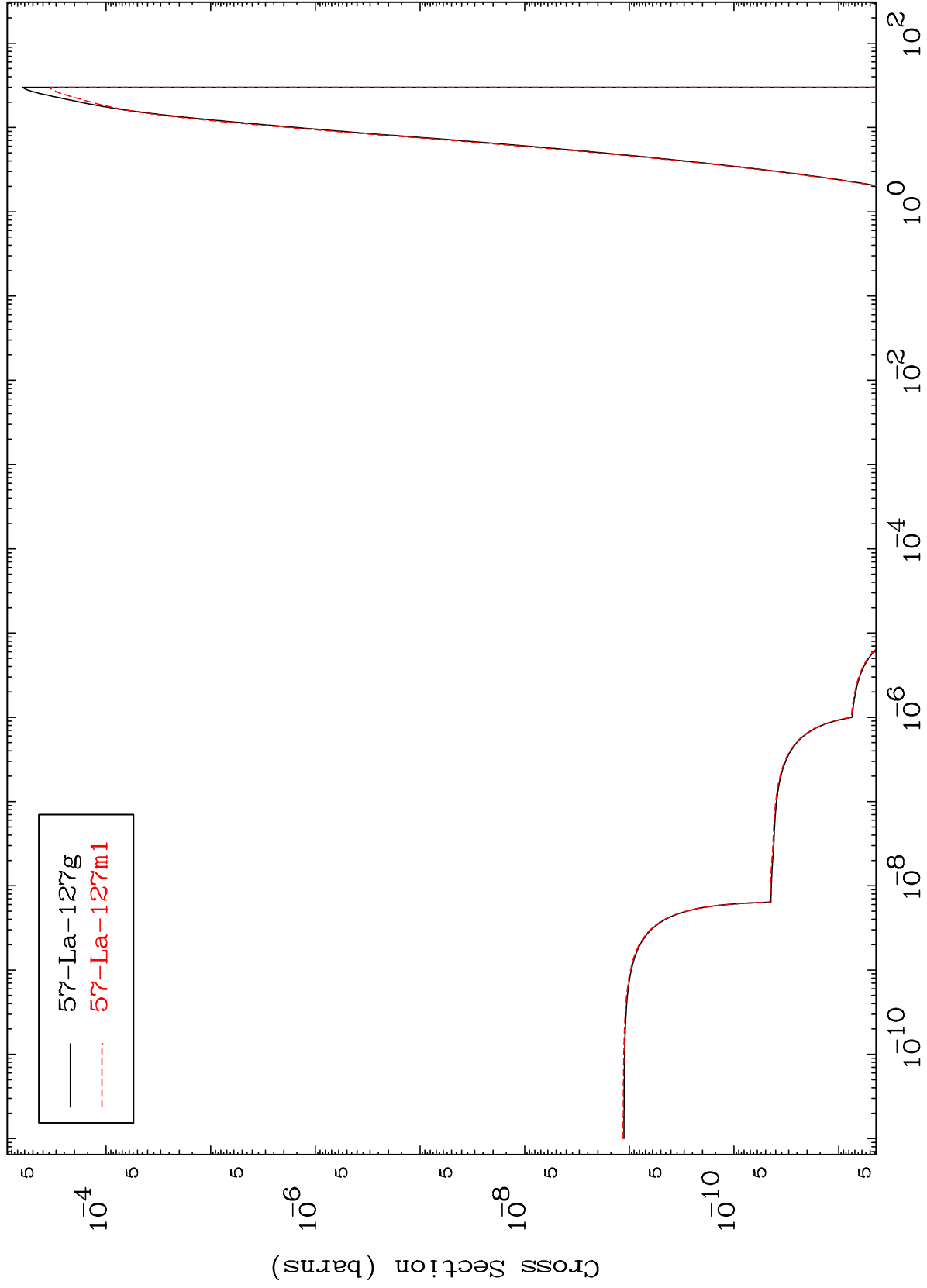


MAT 6110

(n,2α)

61-Pm-134

Radionuclide Production Cross Section



70

Incident Energy (MeV)

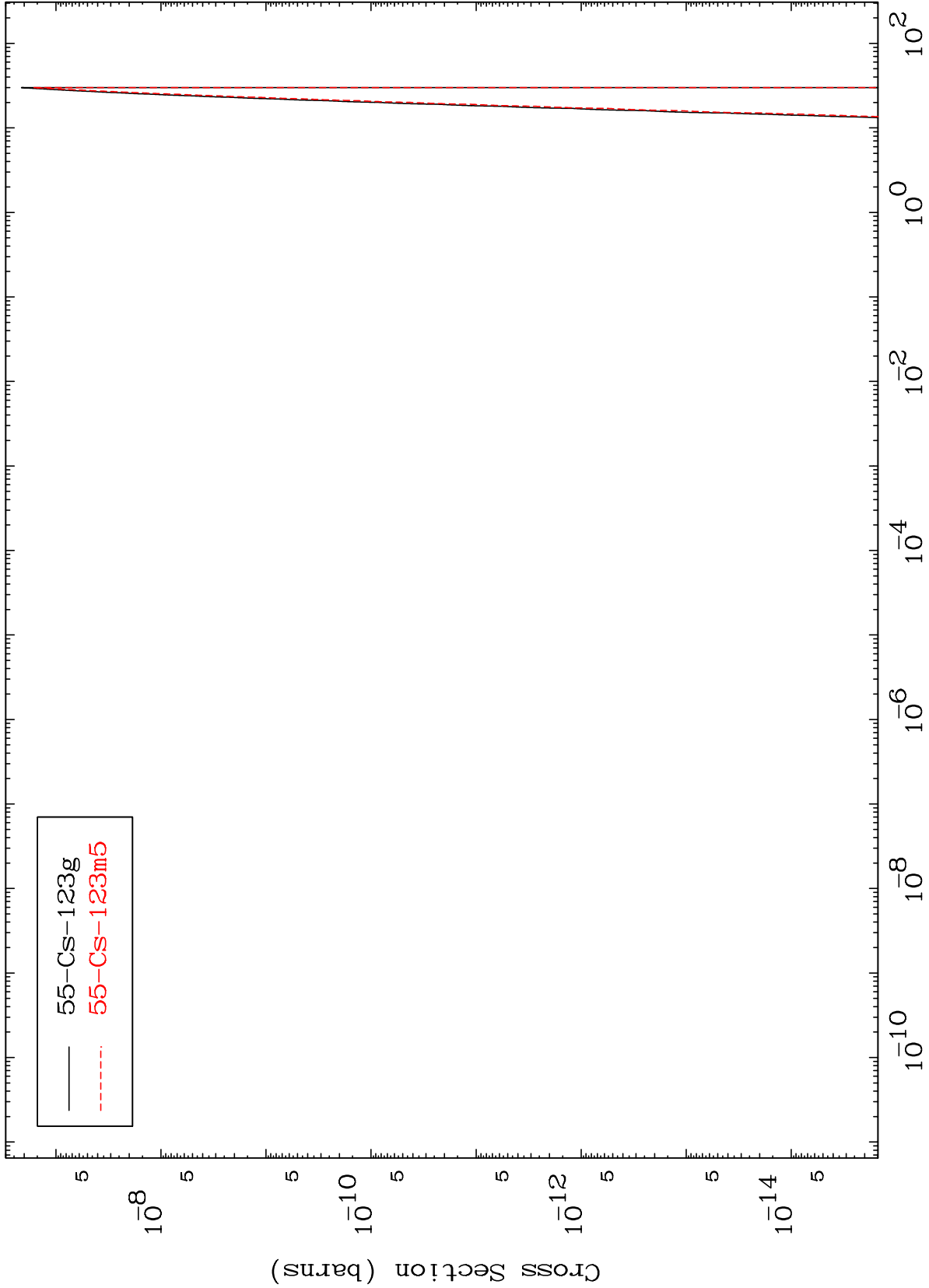
61-Pm-134

MAT 6110

(n, 3α)

61-Pm-134

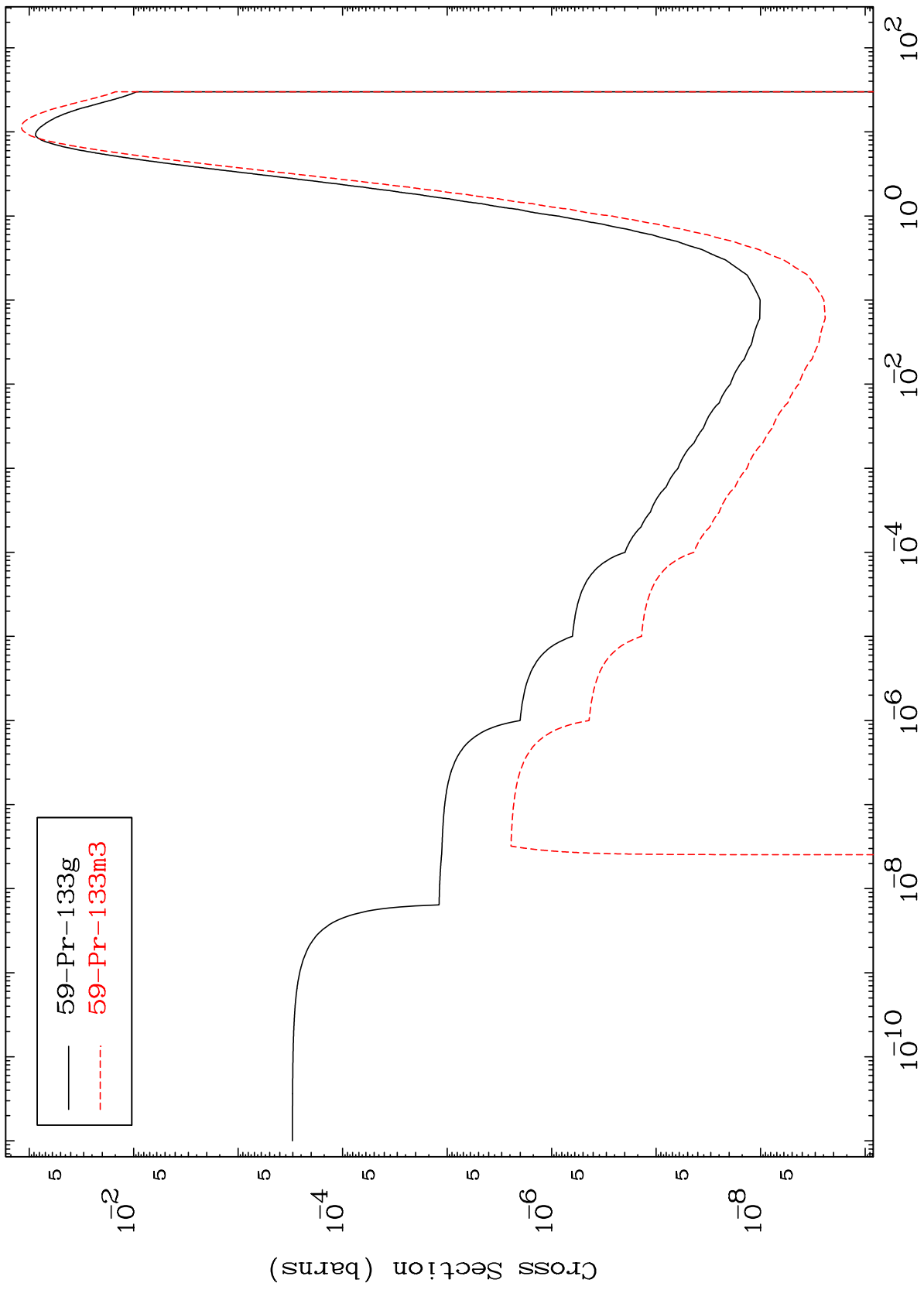
Radionuclide Production Cross Section



MAT 6110

61-Pm-134

Radionuclide Production Cross Section
(n,2p)



72

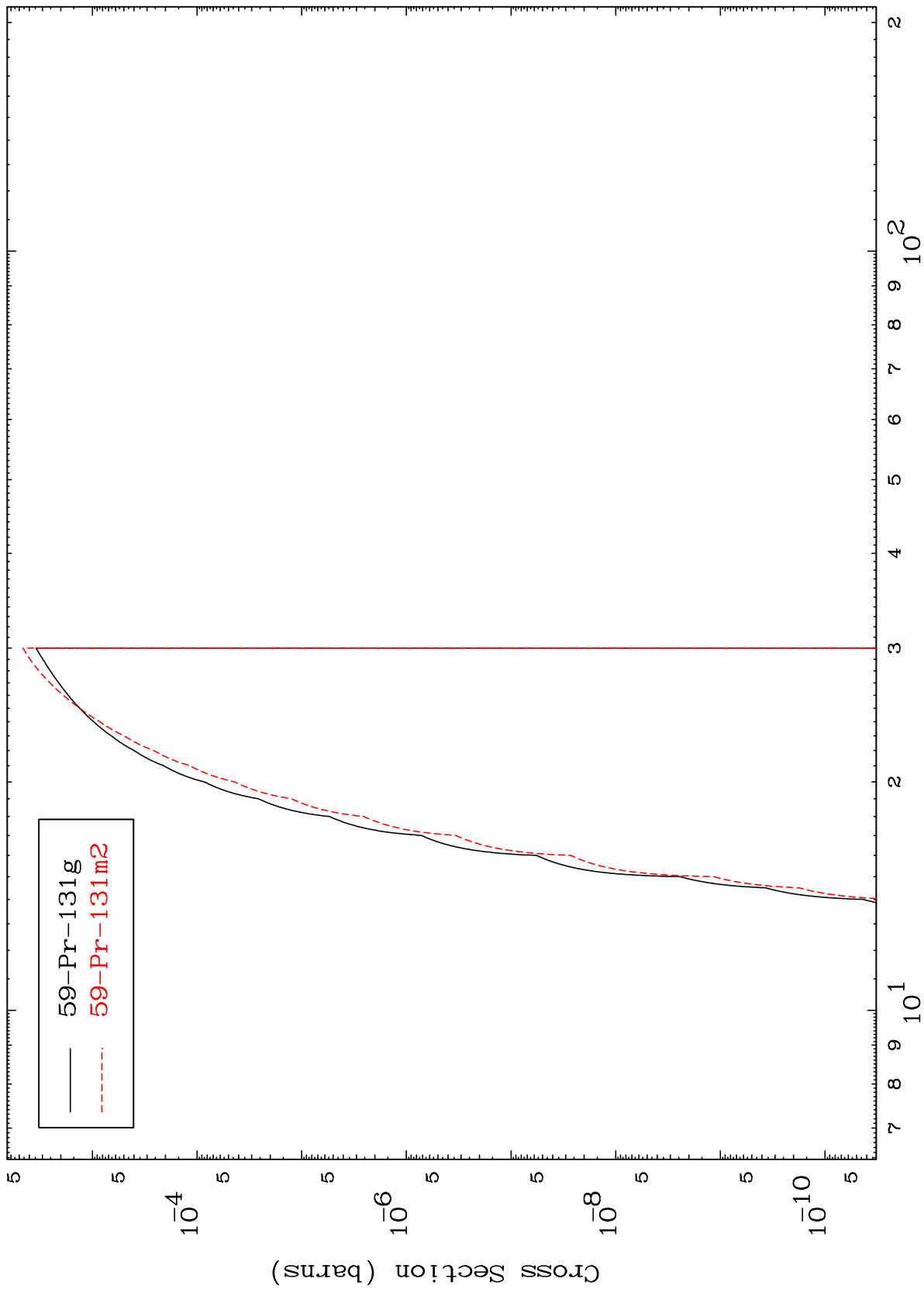
61-Pm-134

MAT 6110

(n,p) t

61-Pm-134

Radionuclide Production Cross Section



73

Incident Energy (MeV)

61-Pm-134