

Program EVALPLOT
(Version 2021-1)

by

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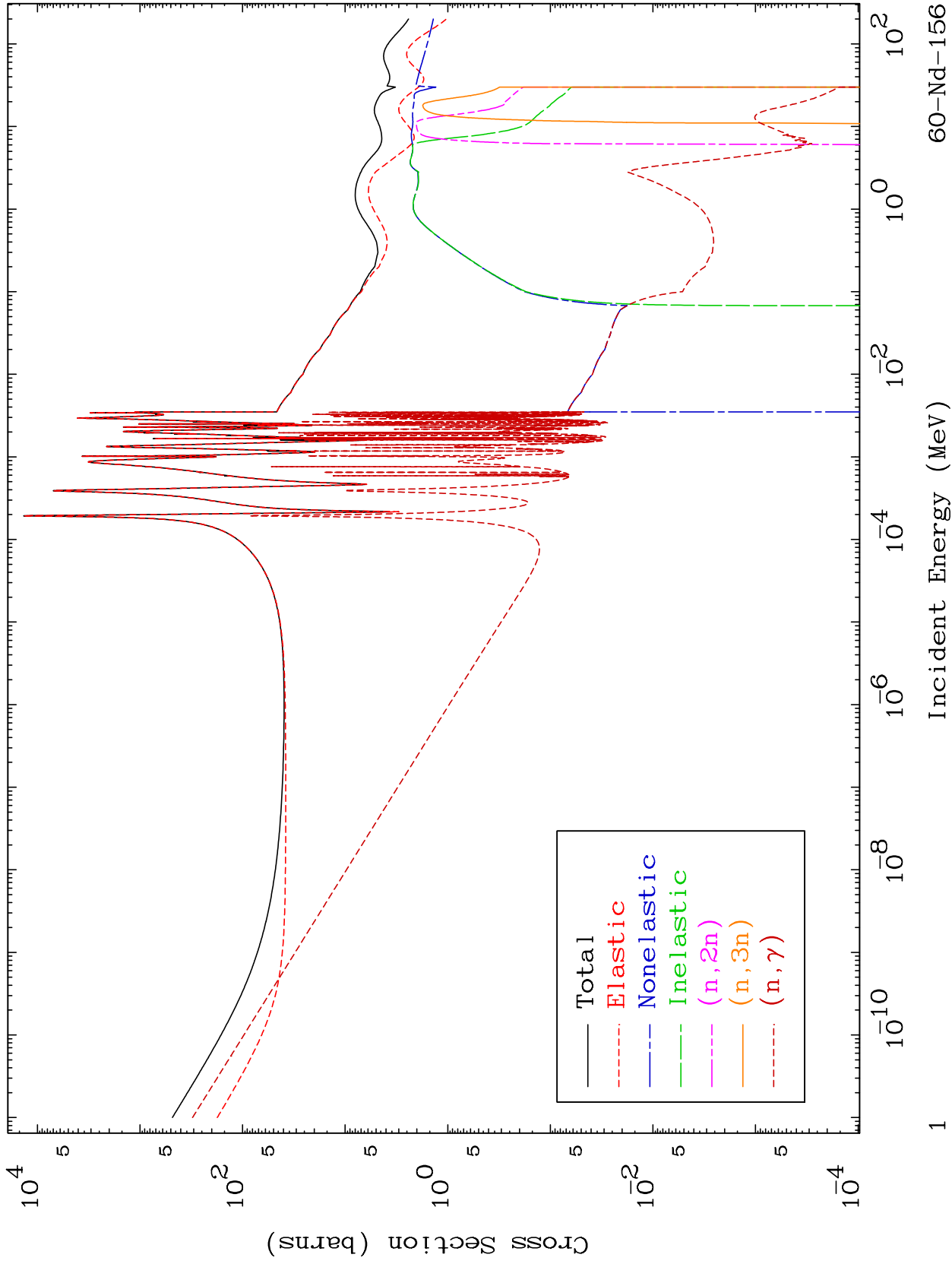
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6067

Neutron Major
293 Kelvin Cross Sections

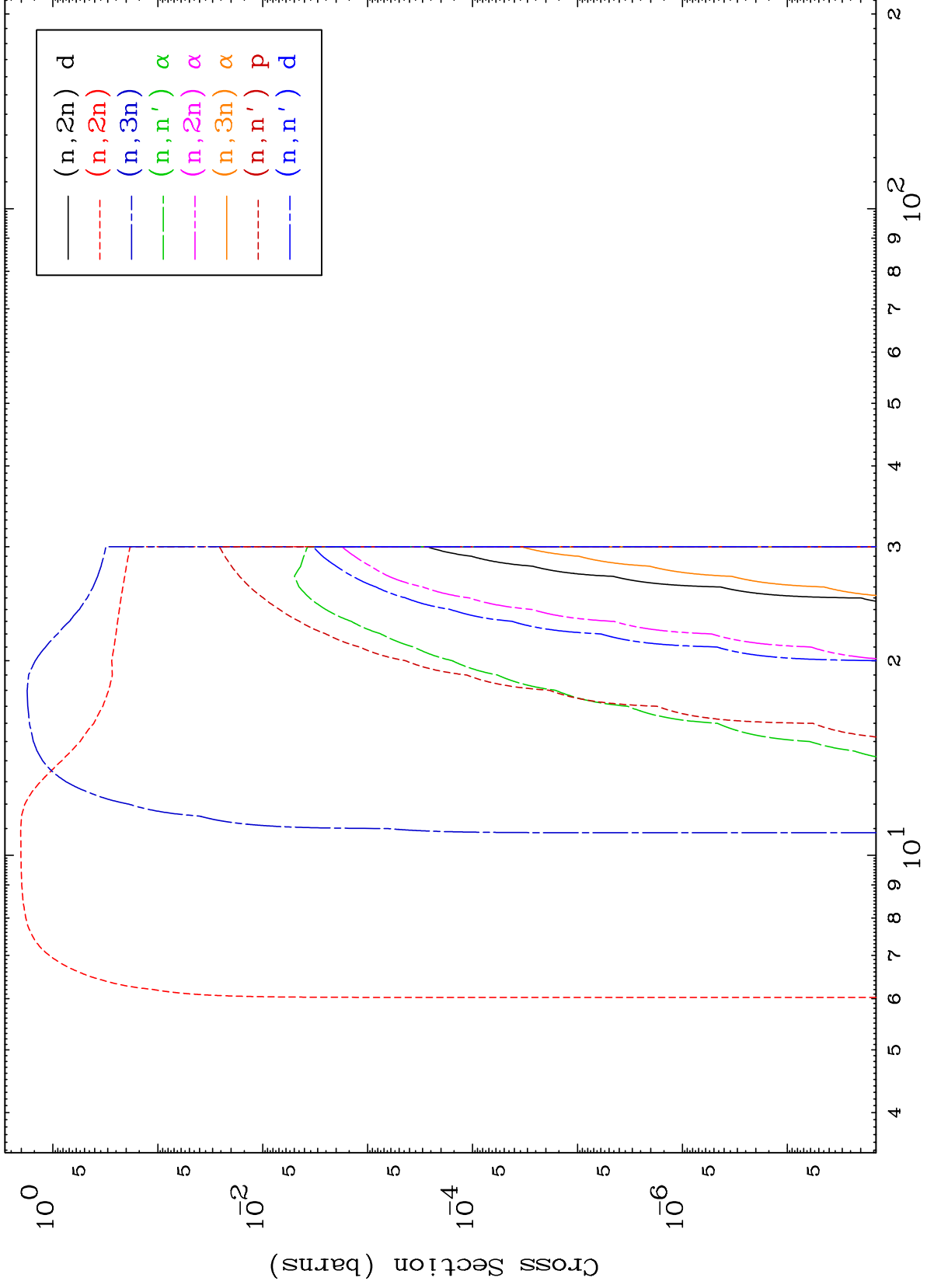
60-Nd-156



MAT 6067

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-156



2

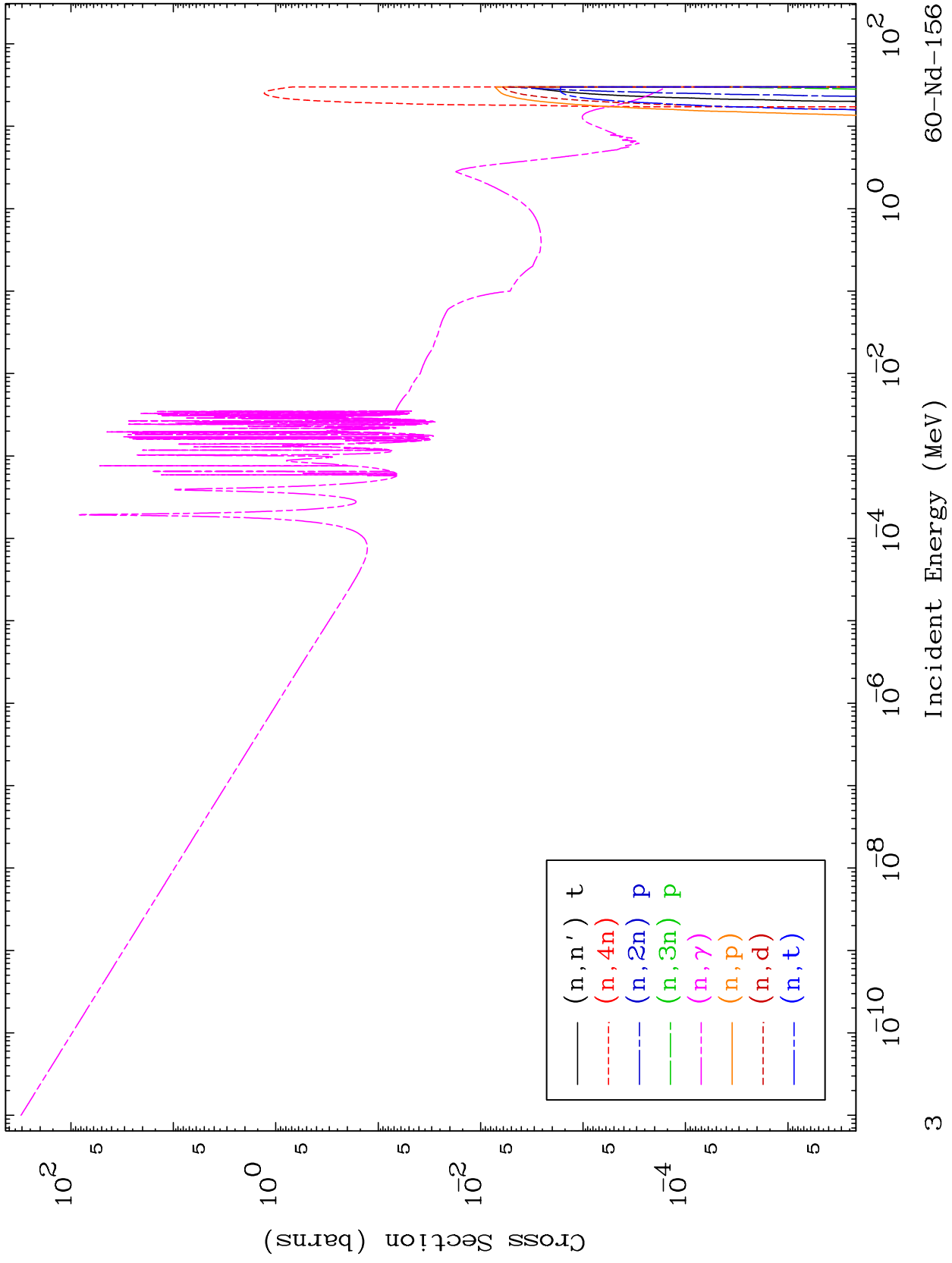
Incident Energy (MeV)

60-Nd-156

MAT 6067

Neutron Absorption
293 Kelvin Cross Sections

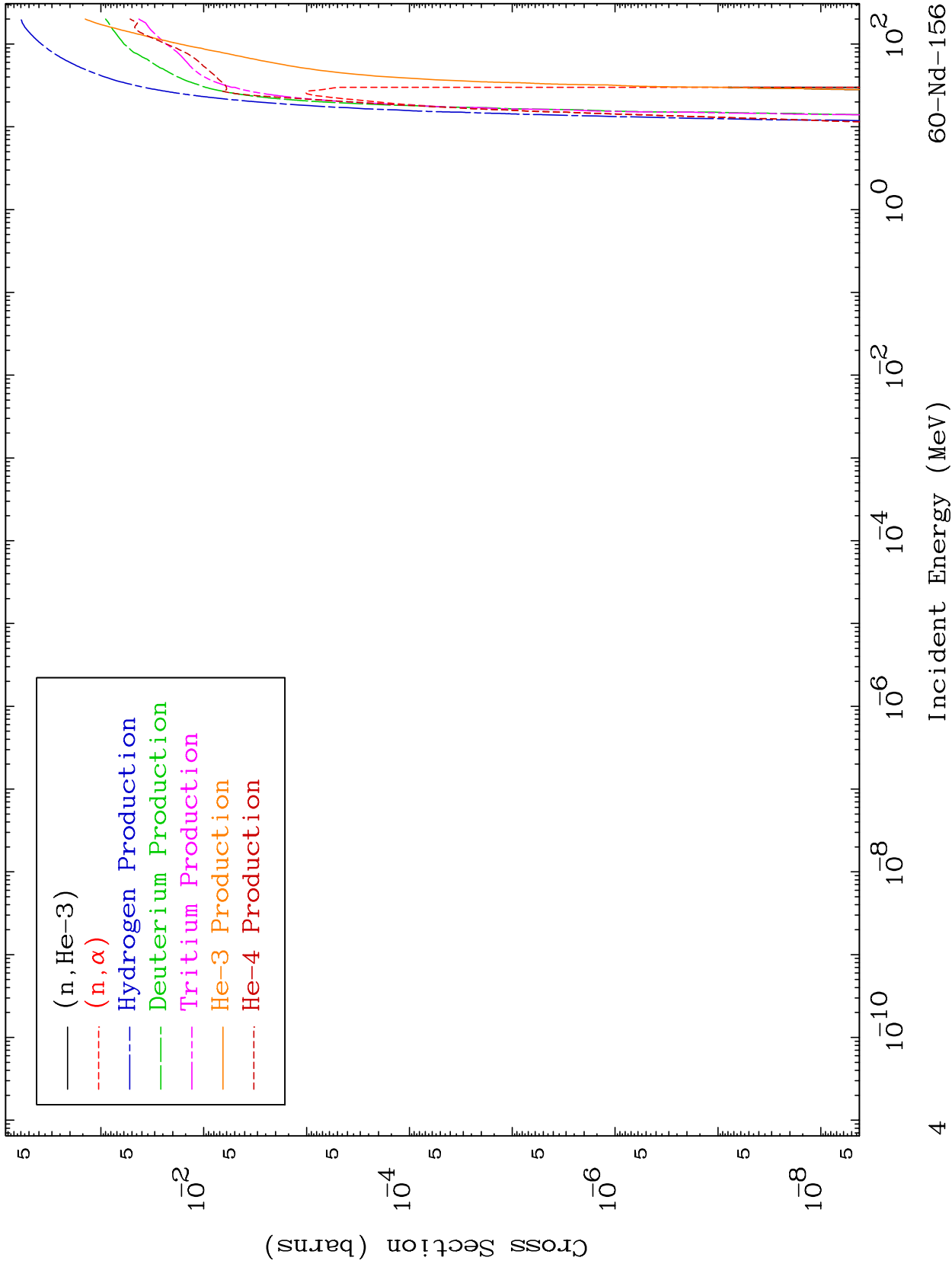
60-Nd-156

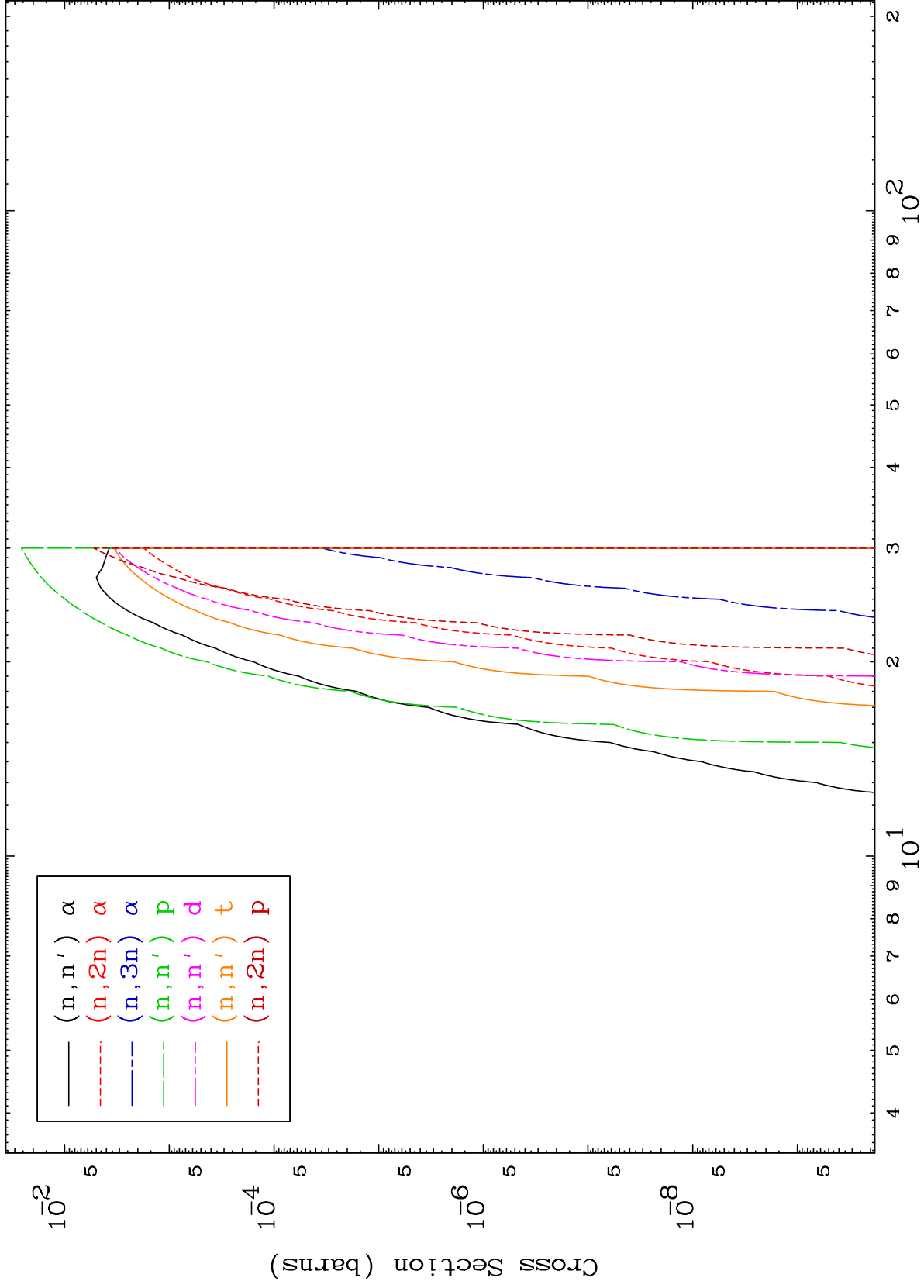


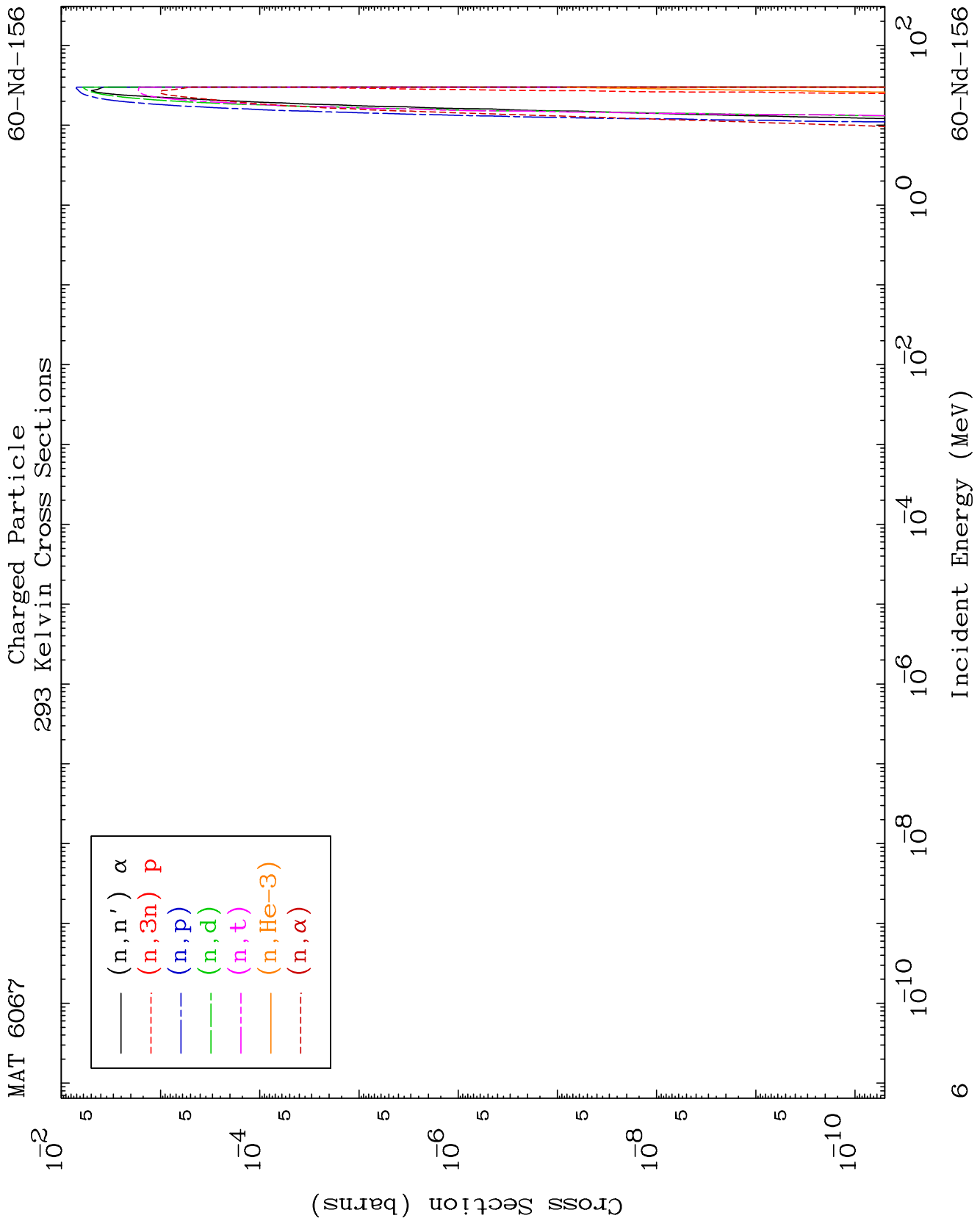
MAT 6067

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-156



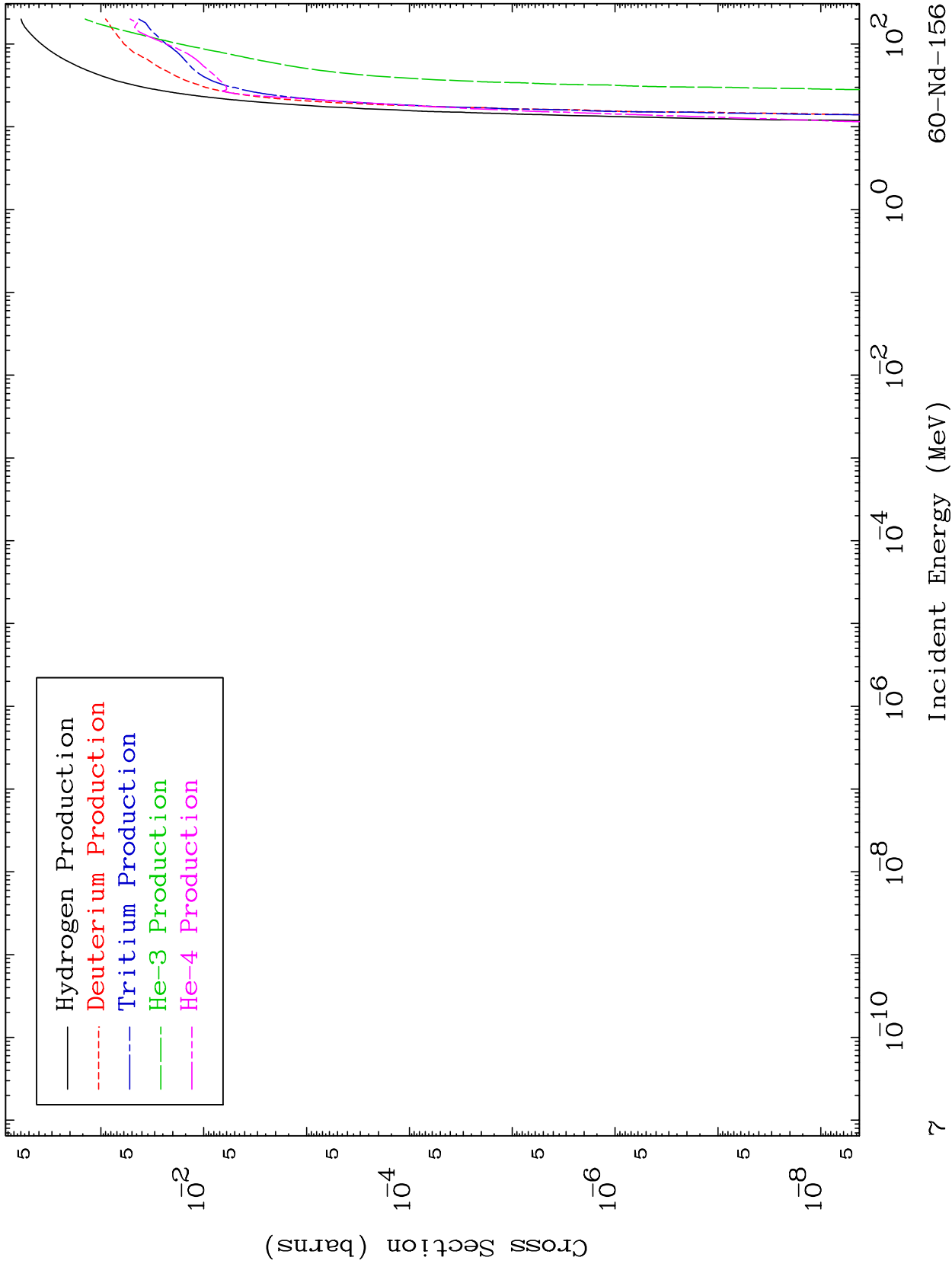




MAT 6067

Particle Production
293 Kelvin Cross Sections

60-Nd-156

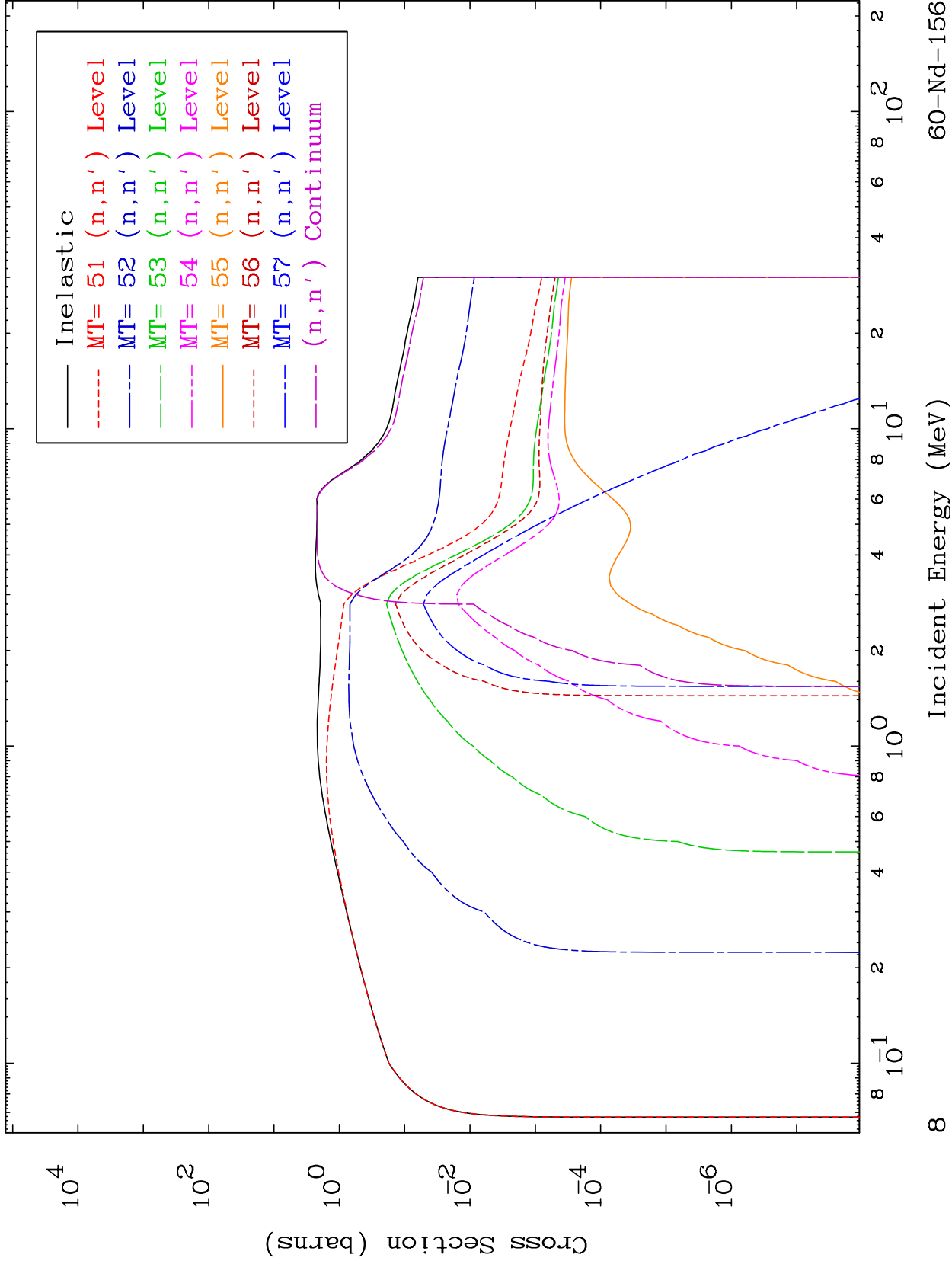


MAT 6067

(n,n') Levels

293 Kelvin Cross Sections

60-Nd-156



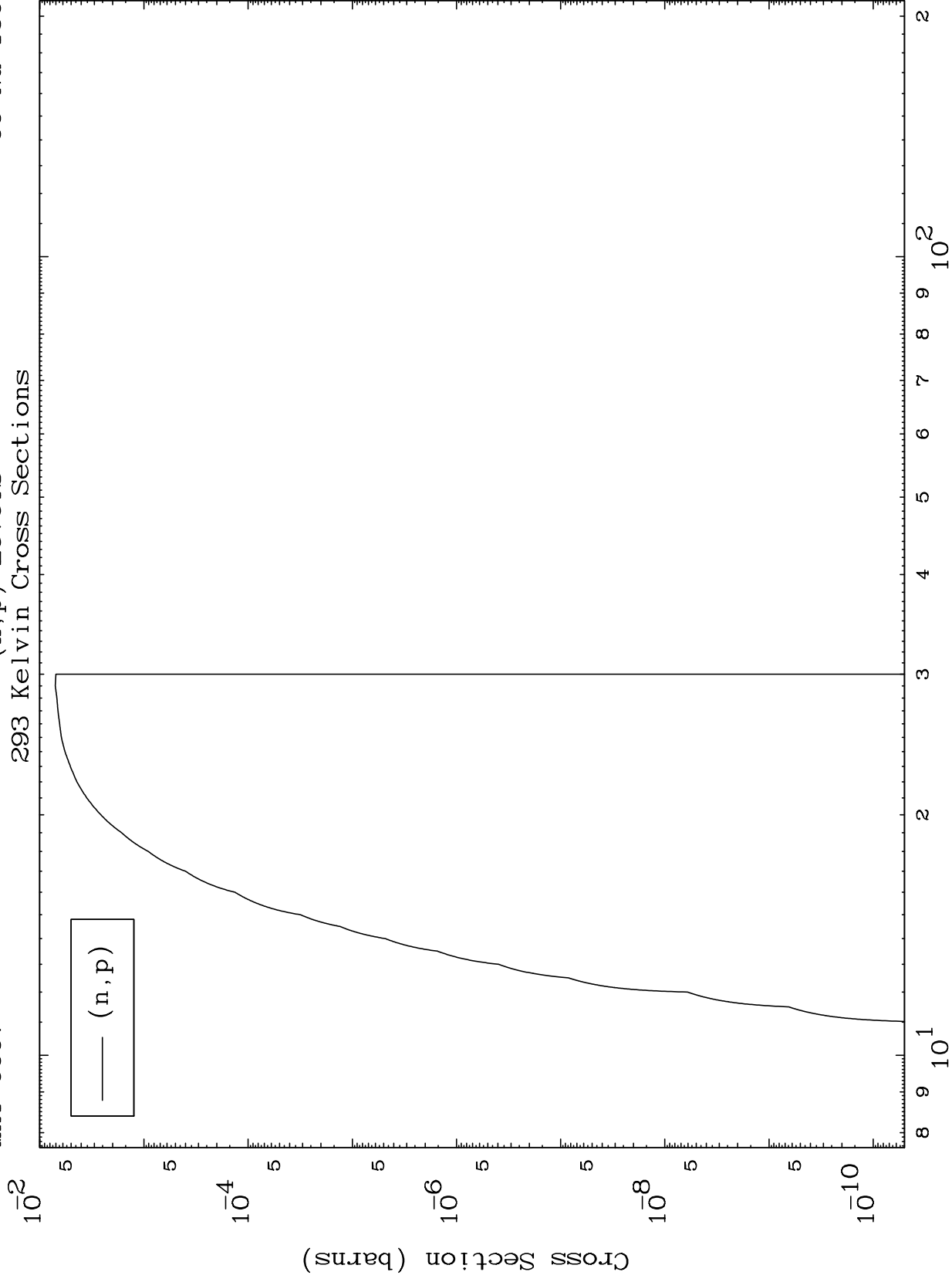
8

60-Nd-156

MAT 6067

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-156



9

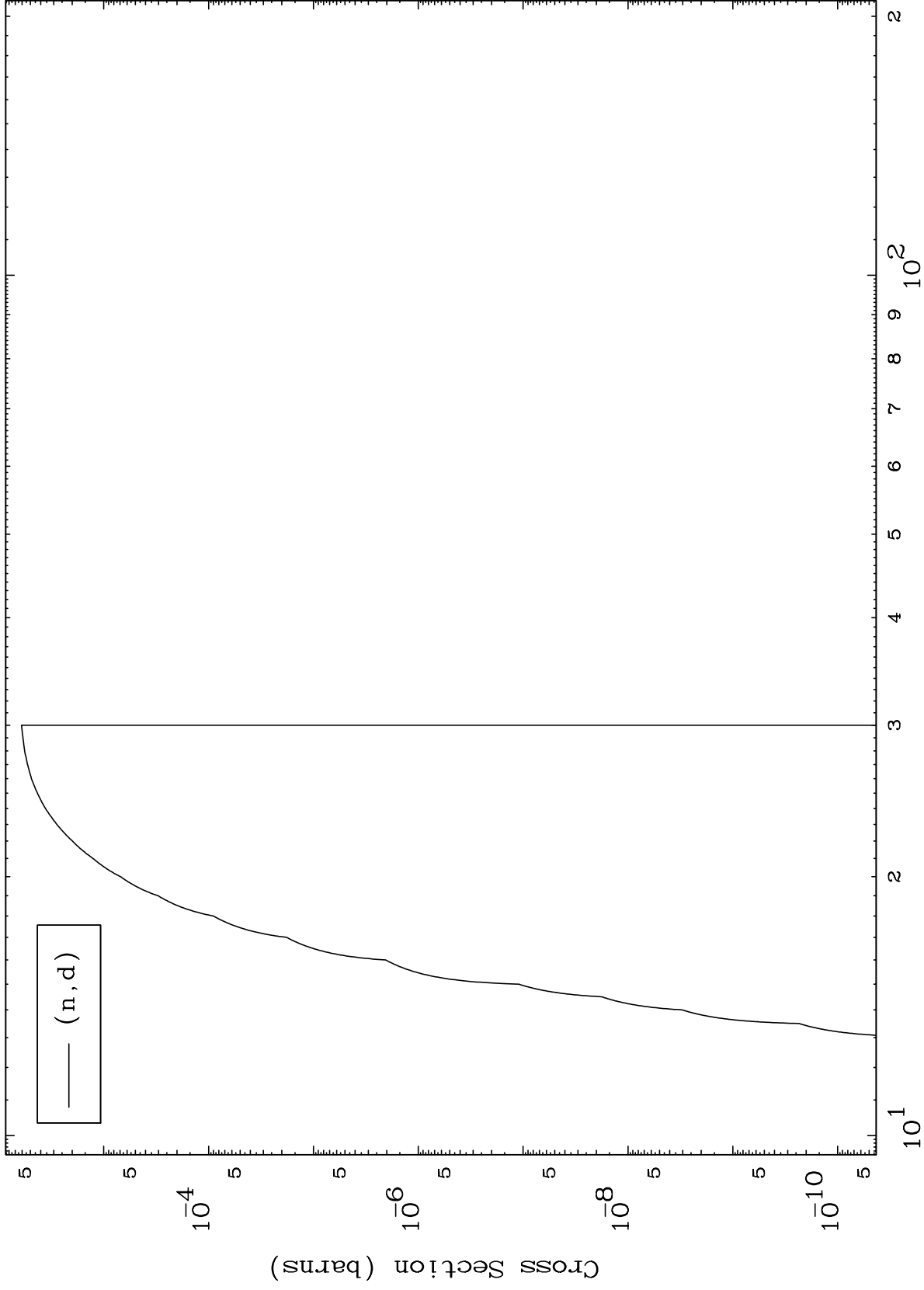
Incident Energy (MeV)

60-Nd-156

MAT 6067

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-156



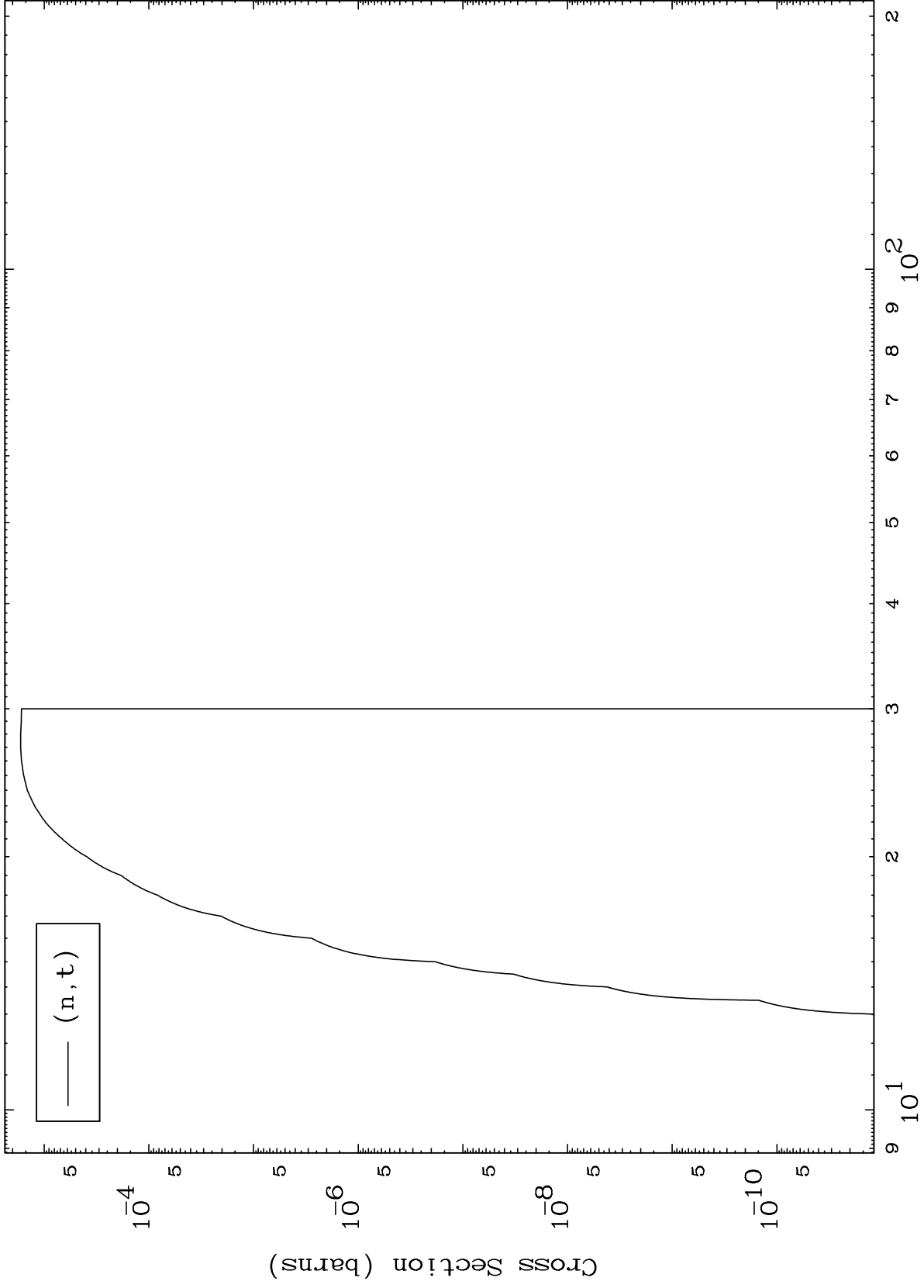
Incident Energy (MeV)

60-Nd-156

MAT 6067

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-156



11

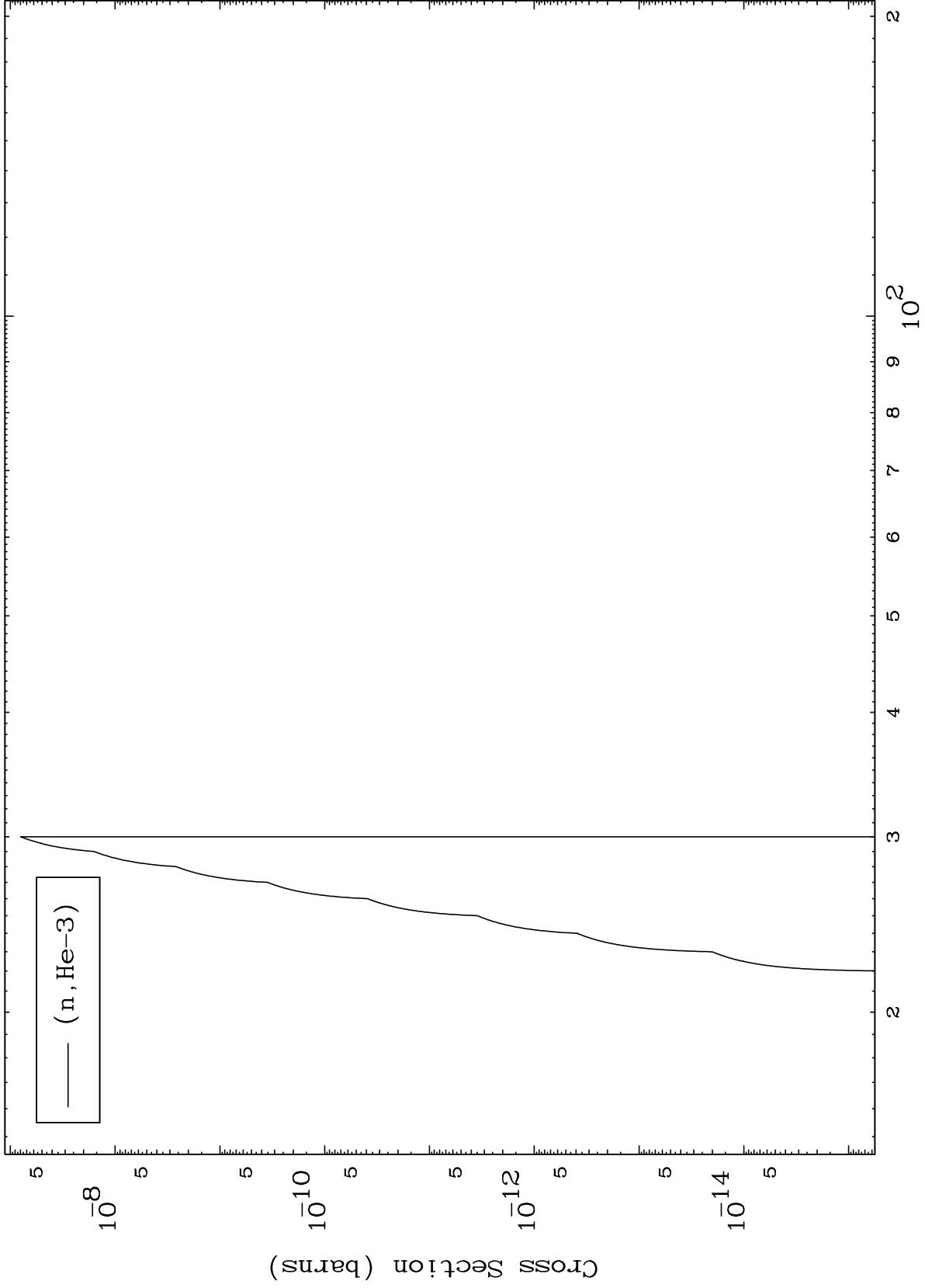
Incident Energy (MeV)

60-Nd-156

MAT 6067

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-156



12

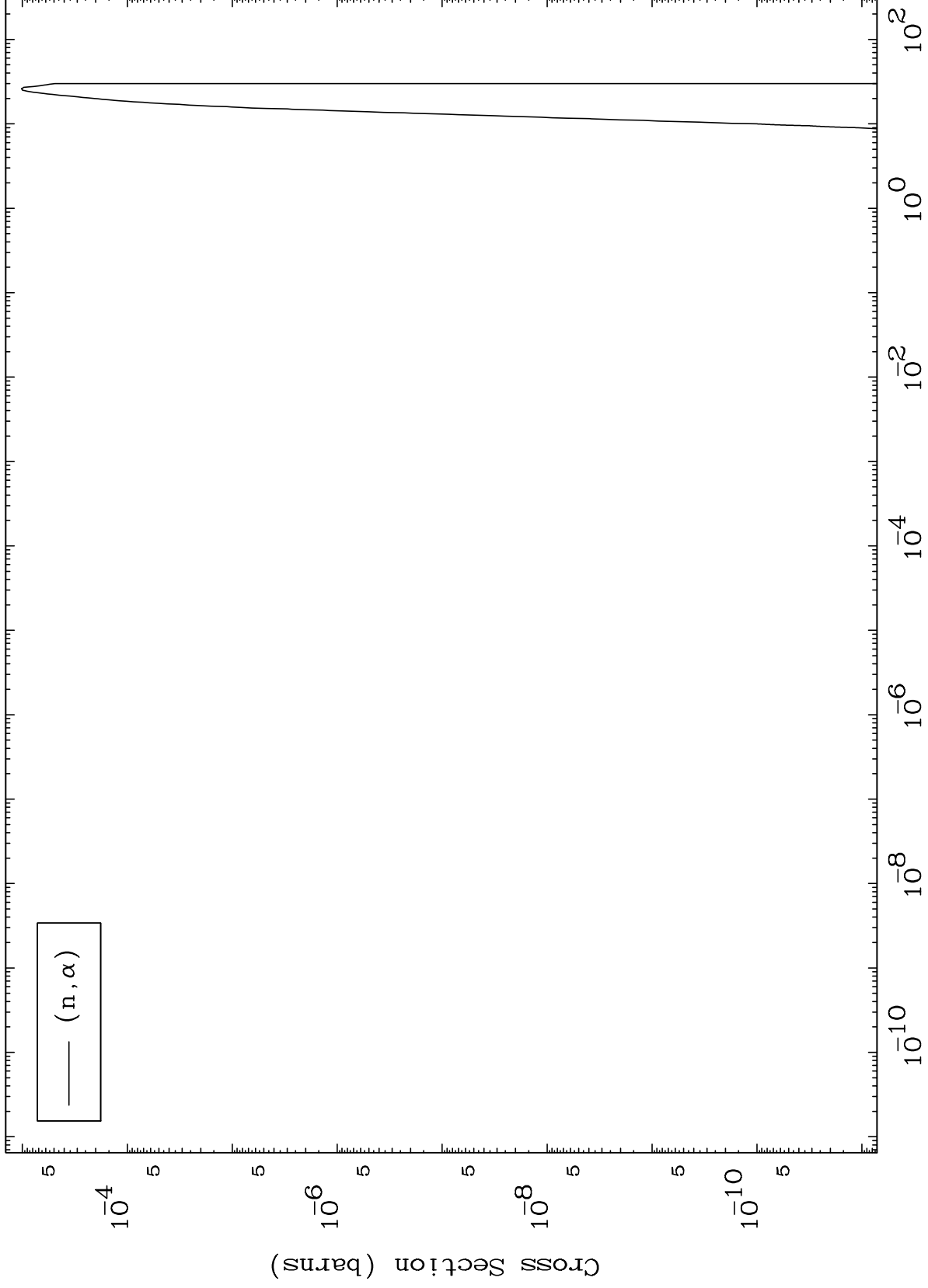
Incident Energy (MeV)

60-Nd-156

MAT 6067

(n, α) Levels
293 Kelvin Cross Sections

60-Nd-156



13

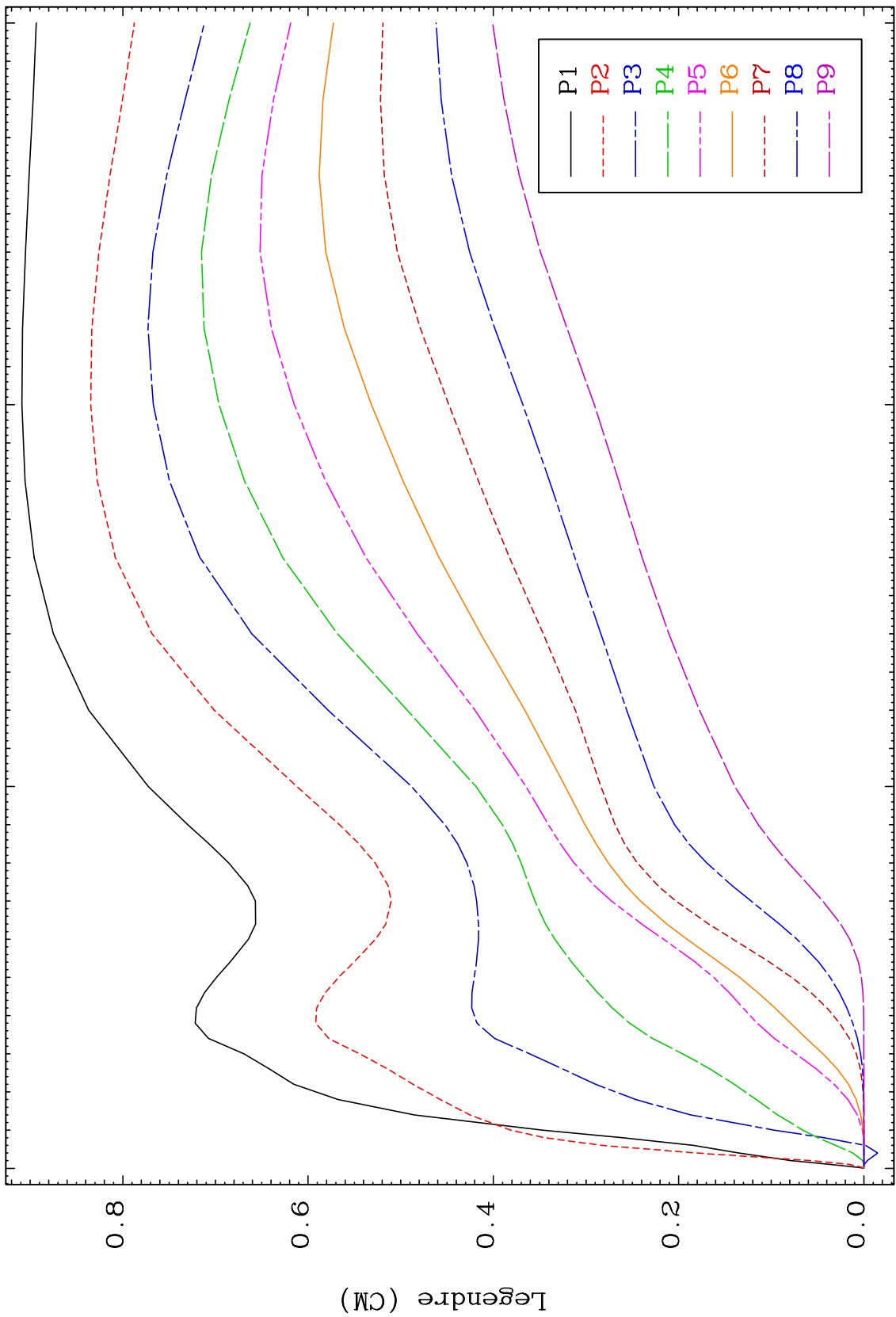
Incident Energy (MeV)

60-Nd-156

MAT 6067

60-Nd-156

Elastic Legendre Coefficients



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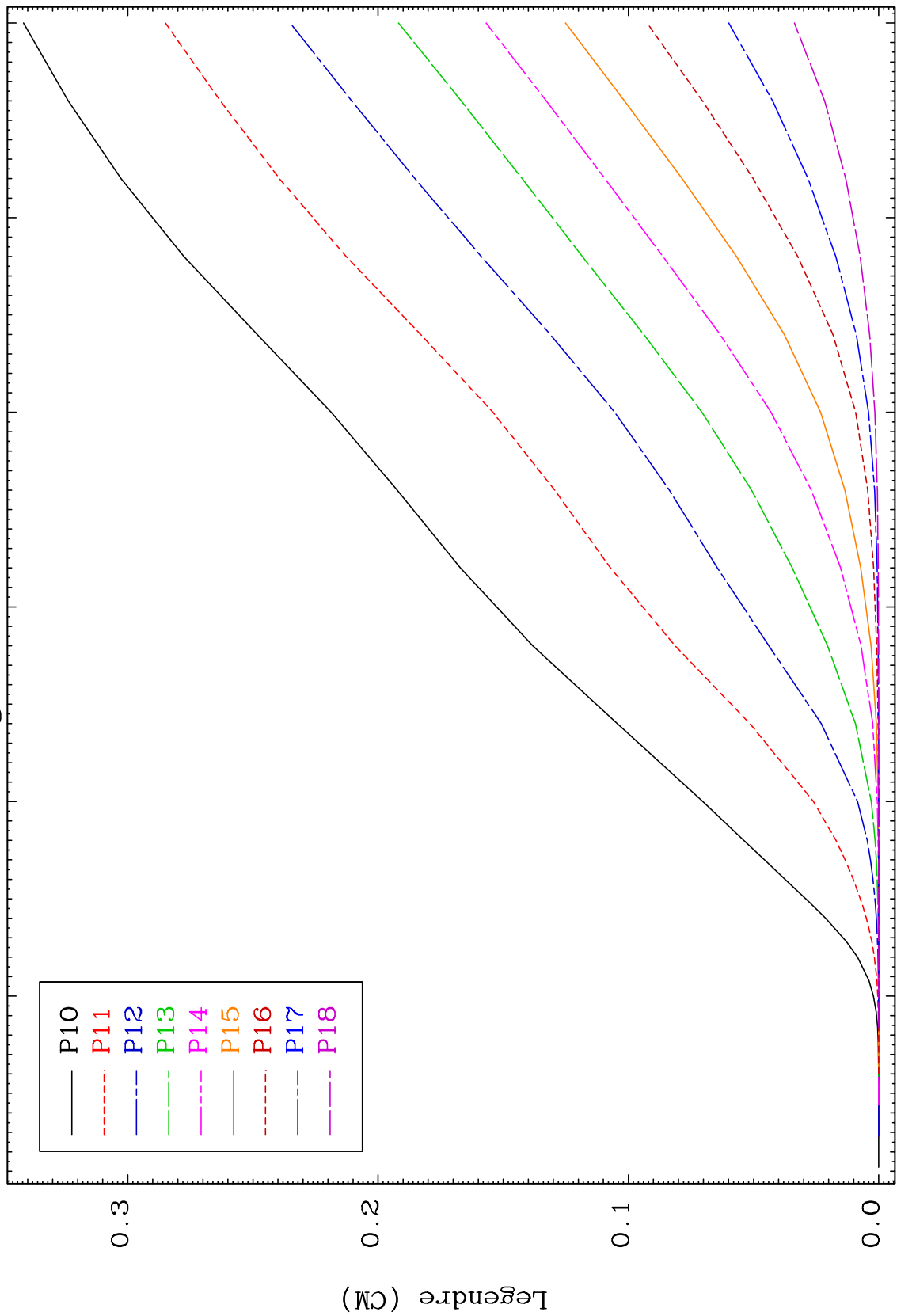
Incident Energy (MeV)

60-Nd-156

MAT 6067

Elastic Legendre Coefficients

60-Nd-156



15

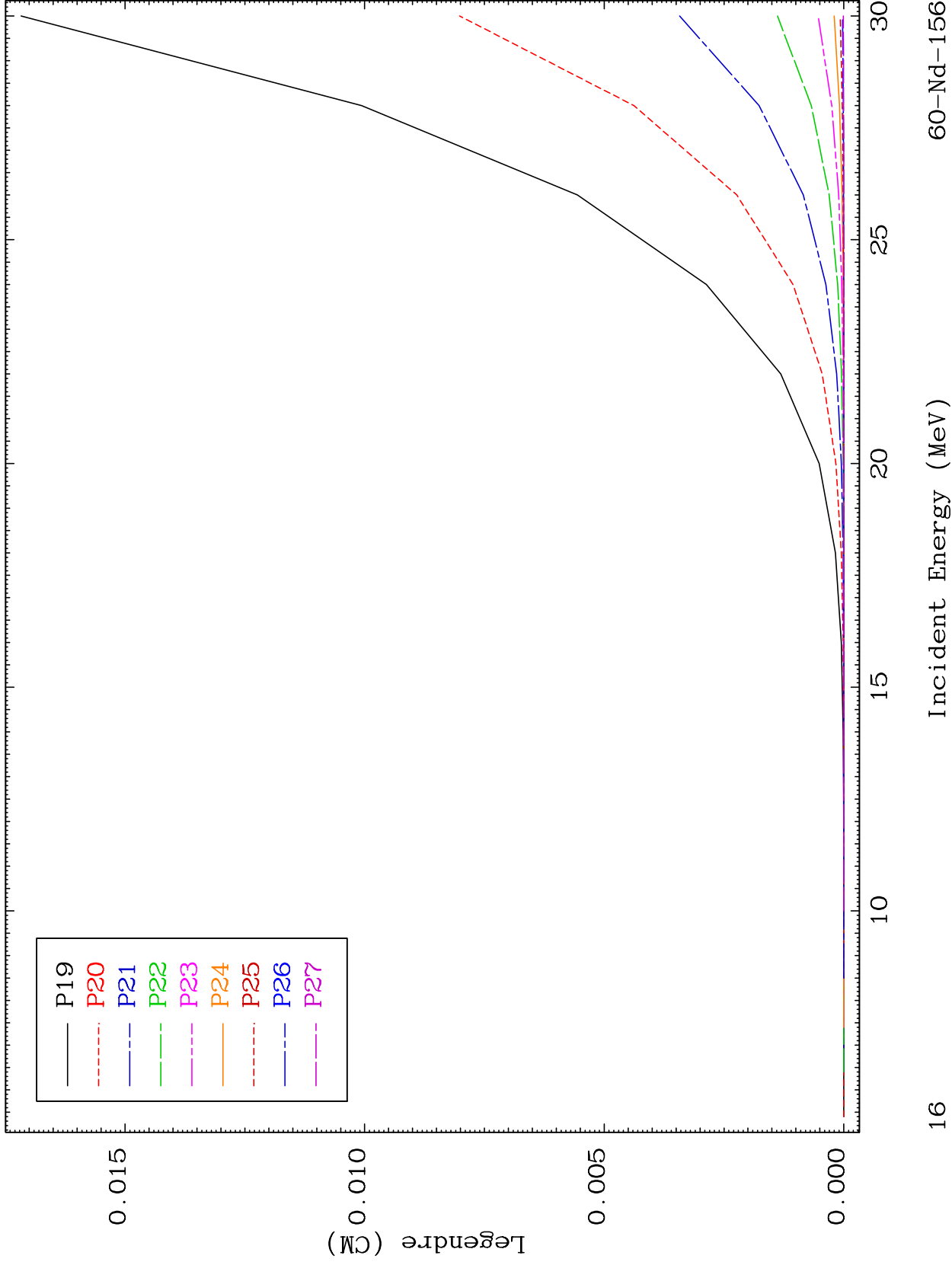
Incident Energy (MeV)

60-Nd-156

MAT 6067

Elastic Legendre Coefficients

60-Nd-156



16

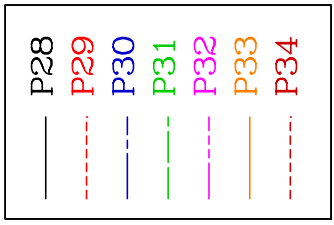
Incident Energy (MeV)

60-Nd-156

MAT 6067

Elastic Legendre Coefficients

60-Nd-156



$\times 10^{-6}$
2.5
2.0

Legendre (CM)

1.5
1.0
0.5
0.0

10

15

20

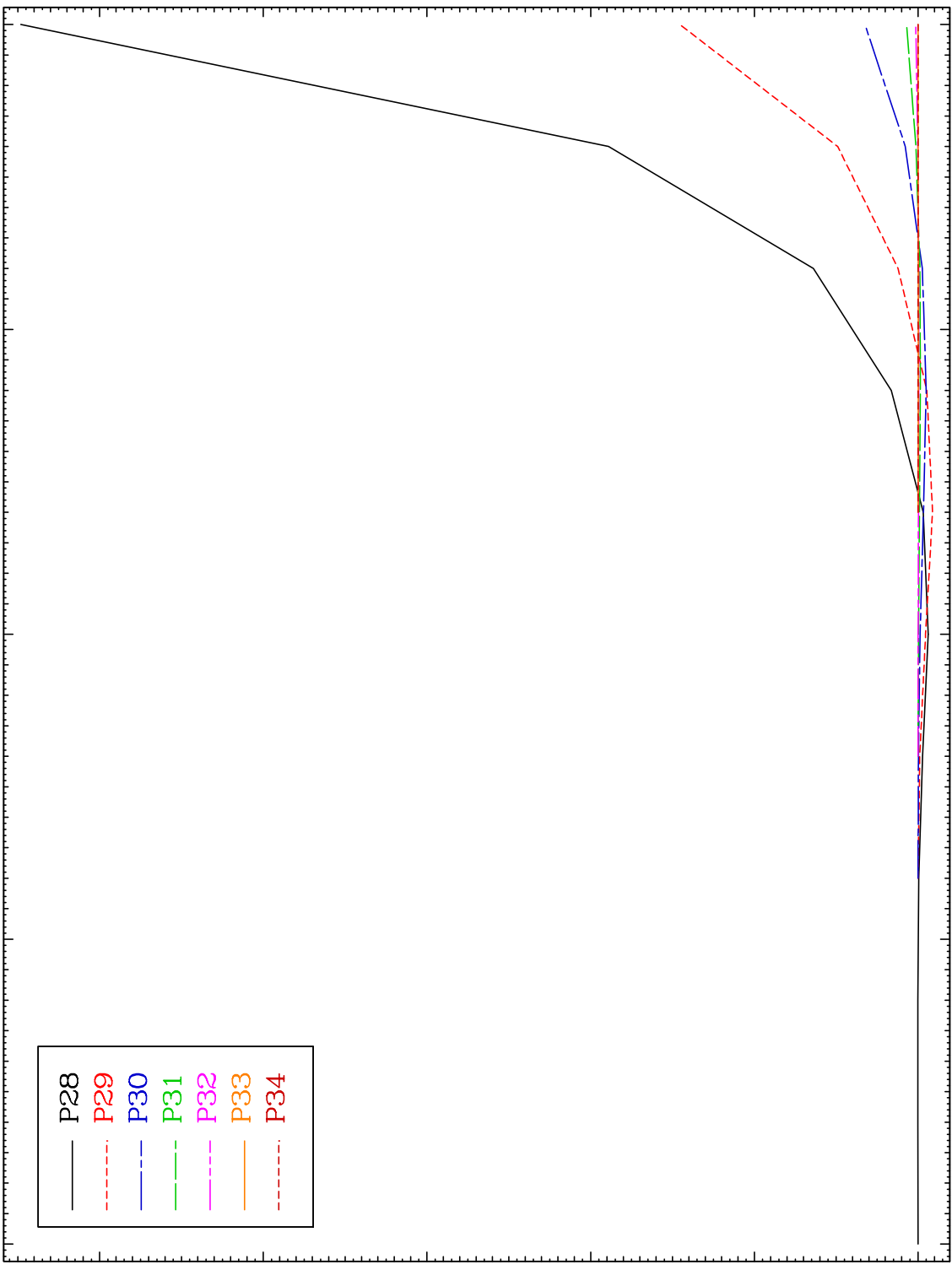
25

30

17

Incident Energy (MeV)

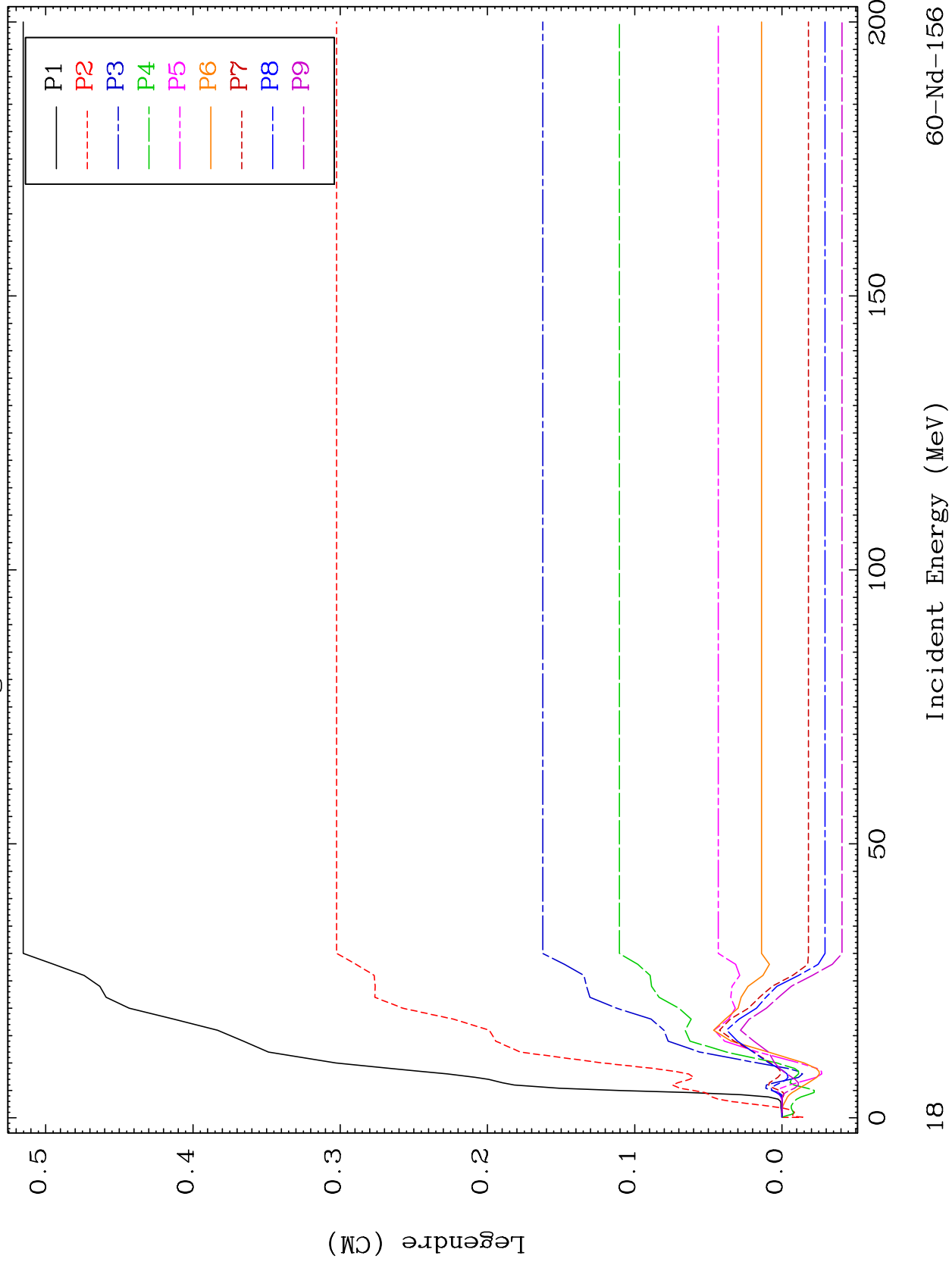
60-Nd-156



MAT 6067

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

60-Nd-156

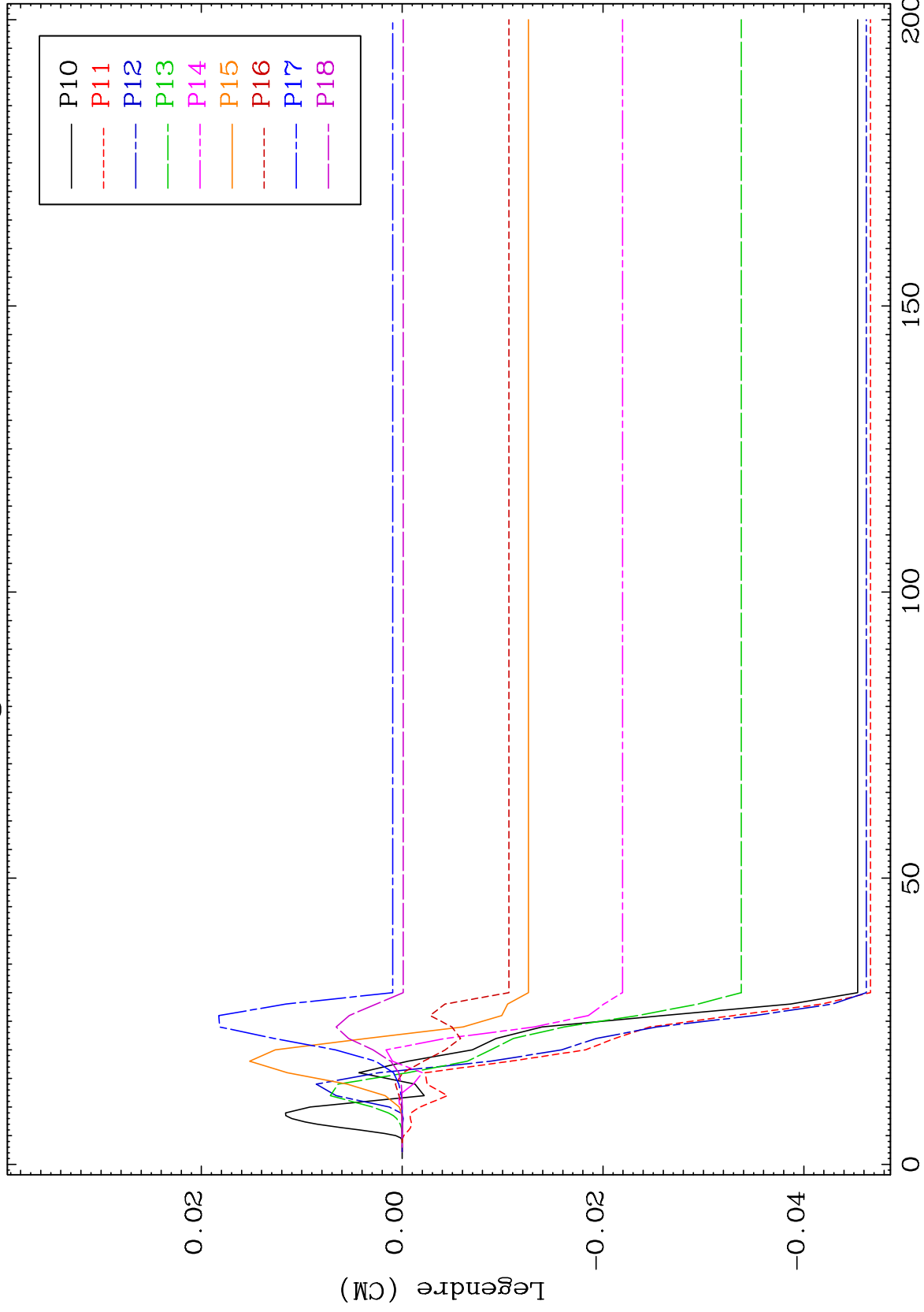


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MAT 6067

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

60-Nd-156



19

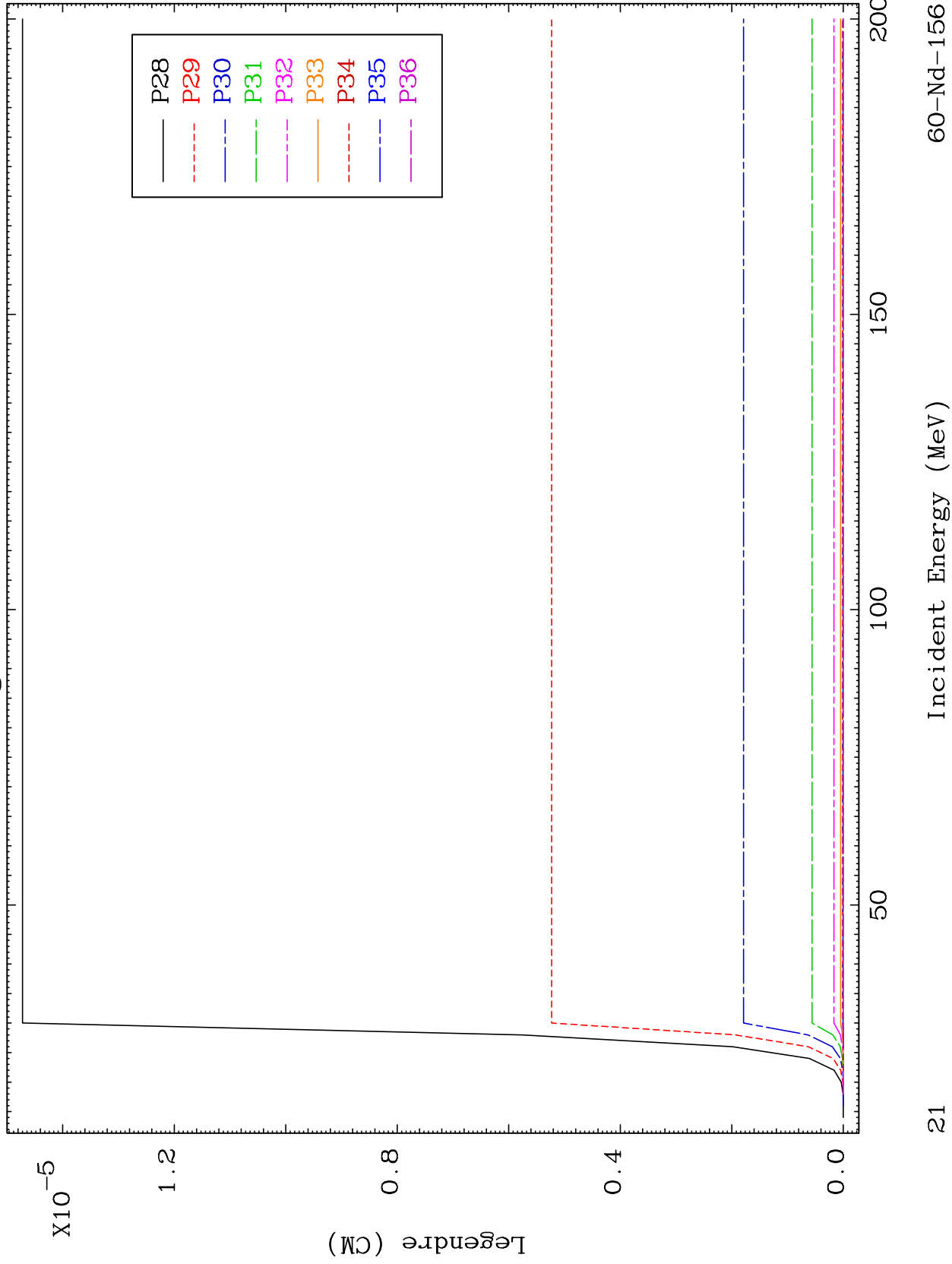
Incident Energy (MeV)

60-Nd-156

MAT 6067

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

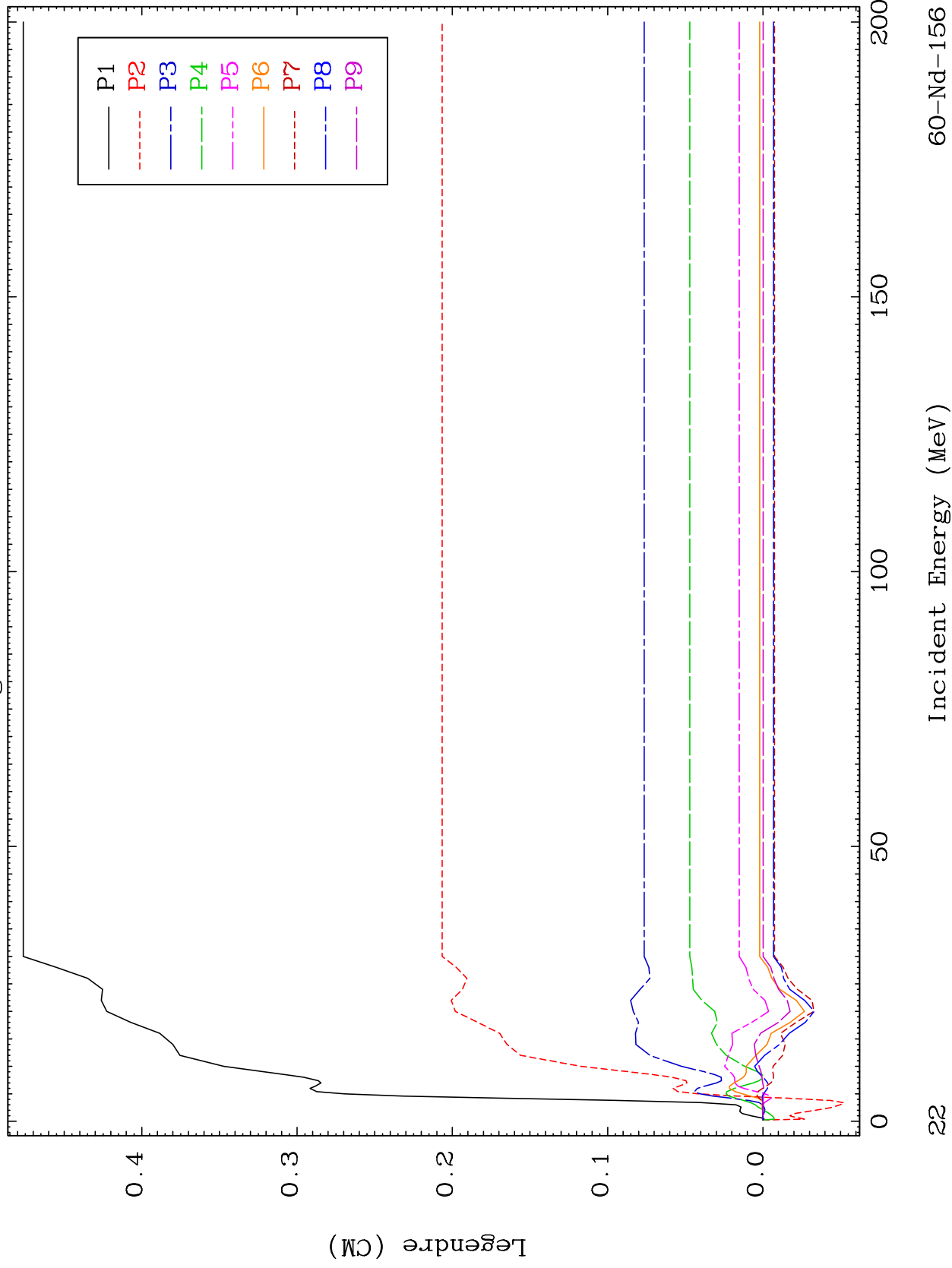
60-Nd-156



MAT 6067

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

60-Nd-156



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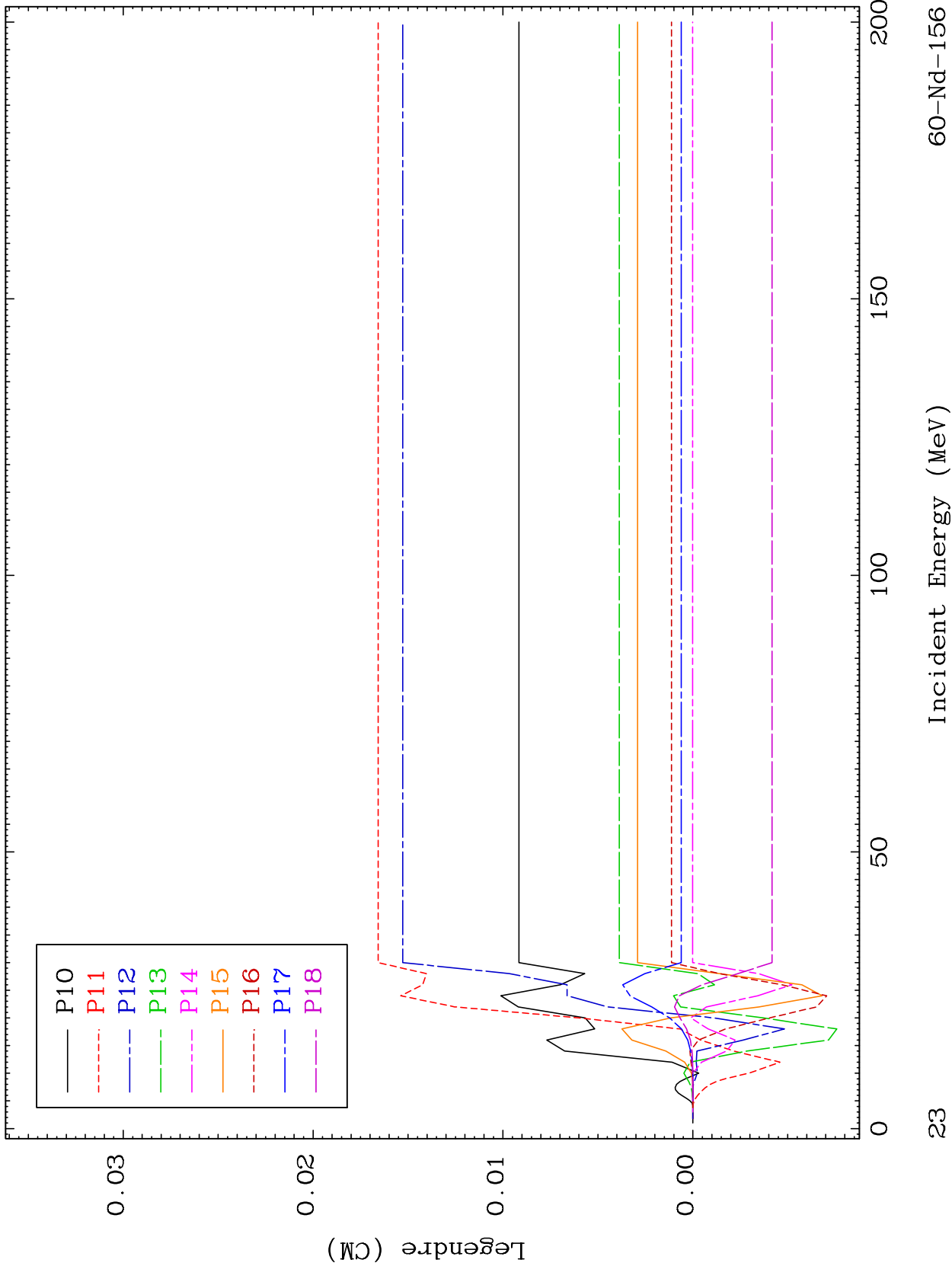
Incident Energy (MeV)

60-Nd-156

MAT 6067

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

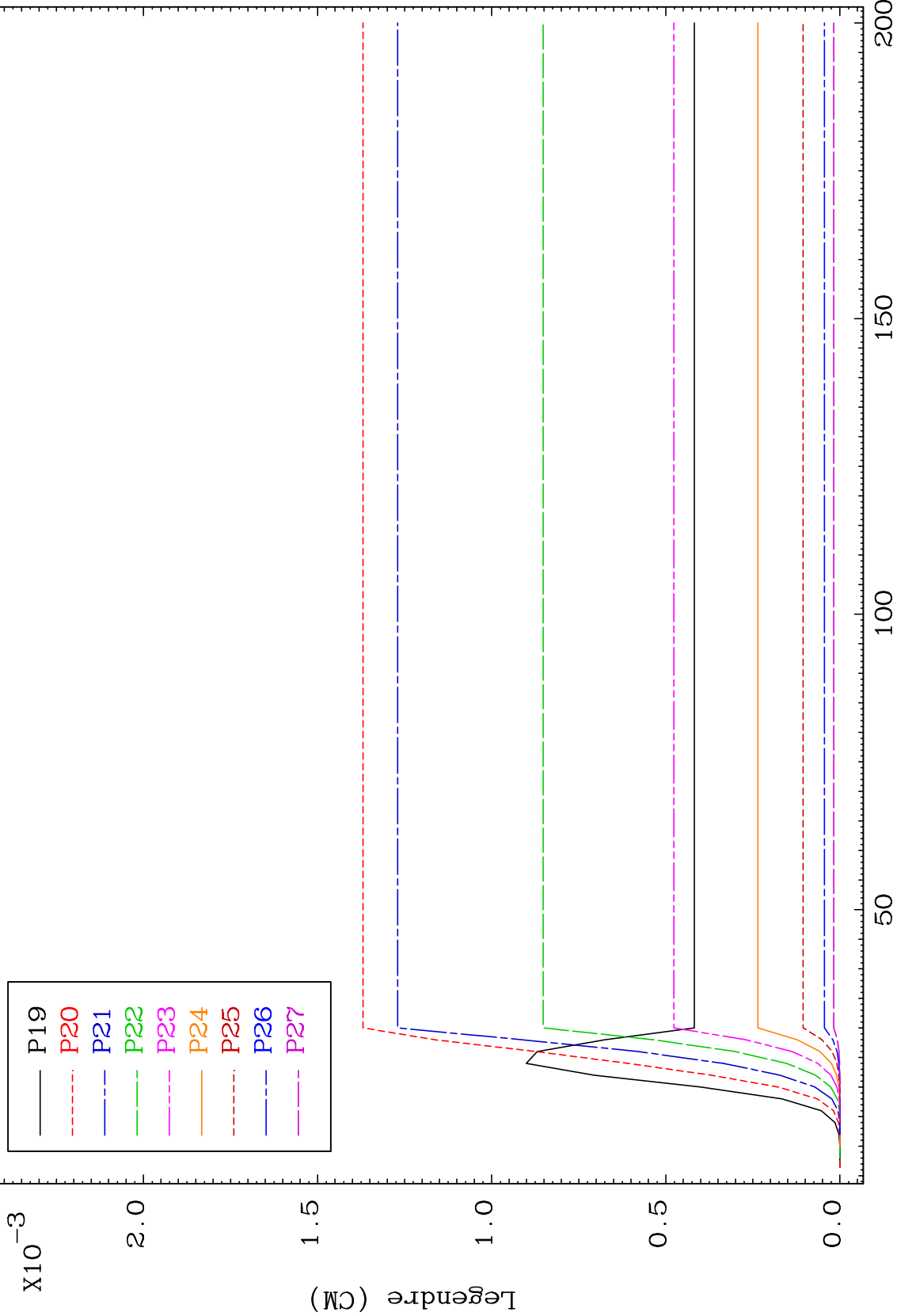
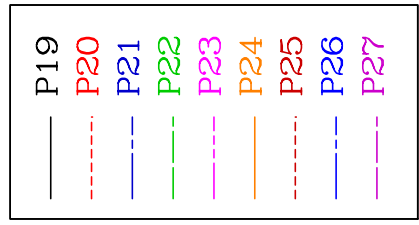
60-Nd-156



MAT 6067

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

60-Nd-156



24

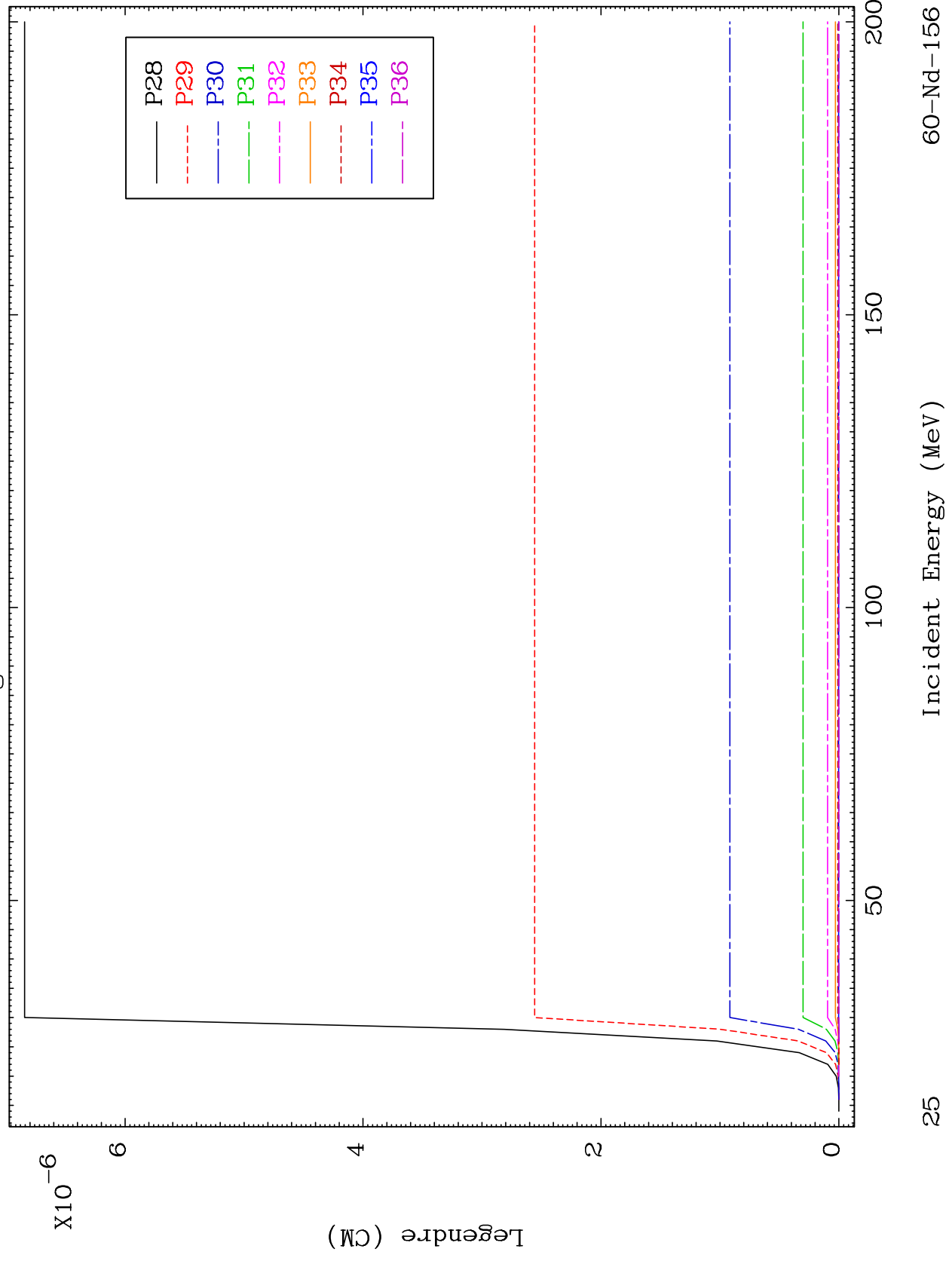
Incident Energy (MeV)

60-Nd-156

MAT 6067

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

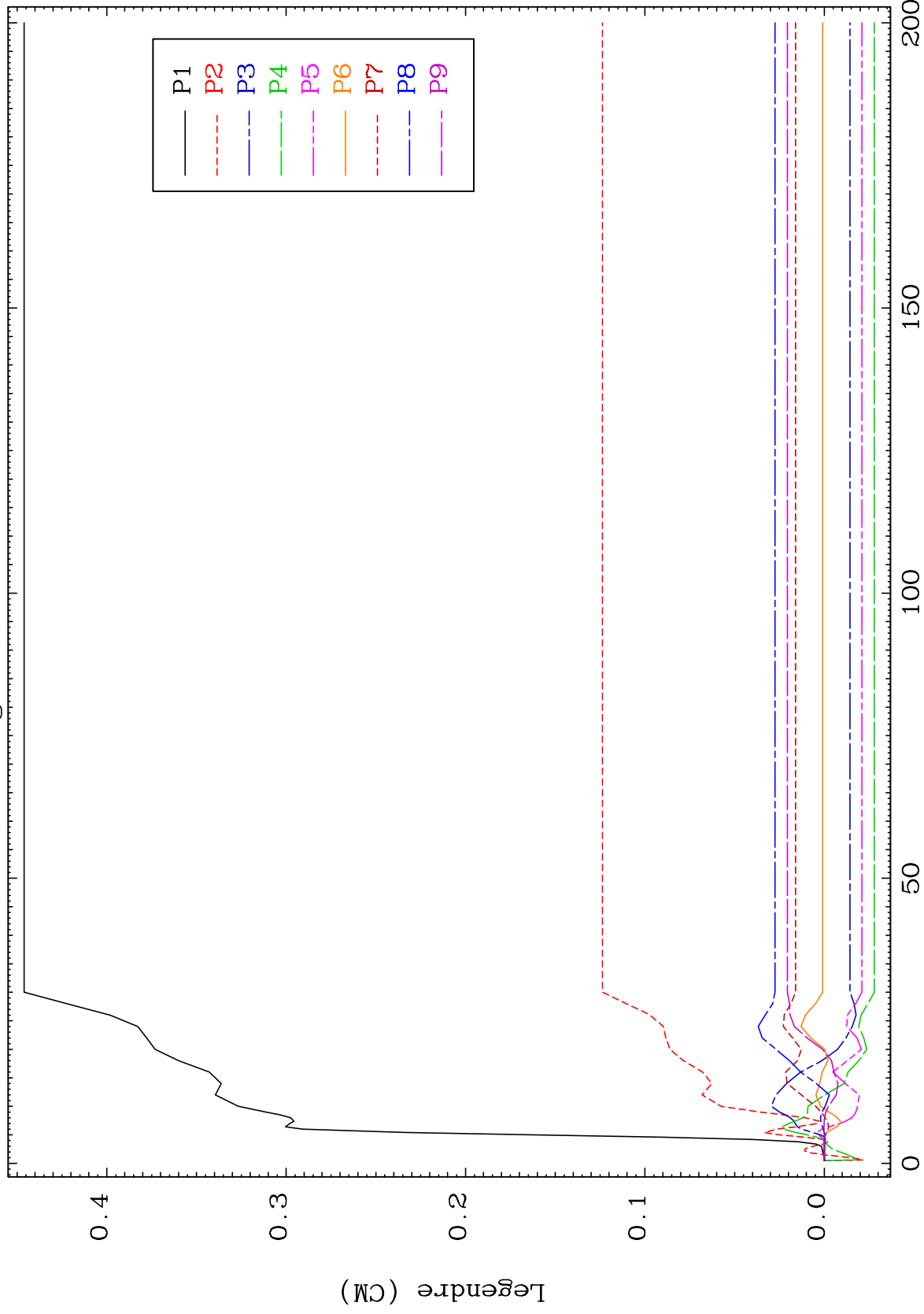
60-Nd-156



MAT 6067

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

60-Nd-156



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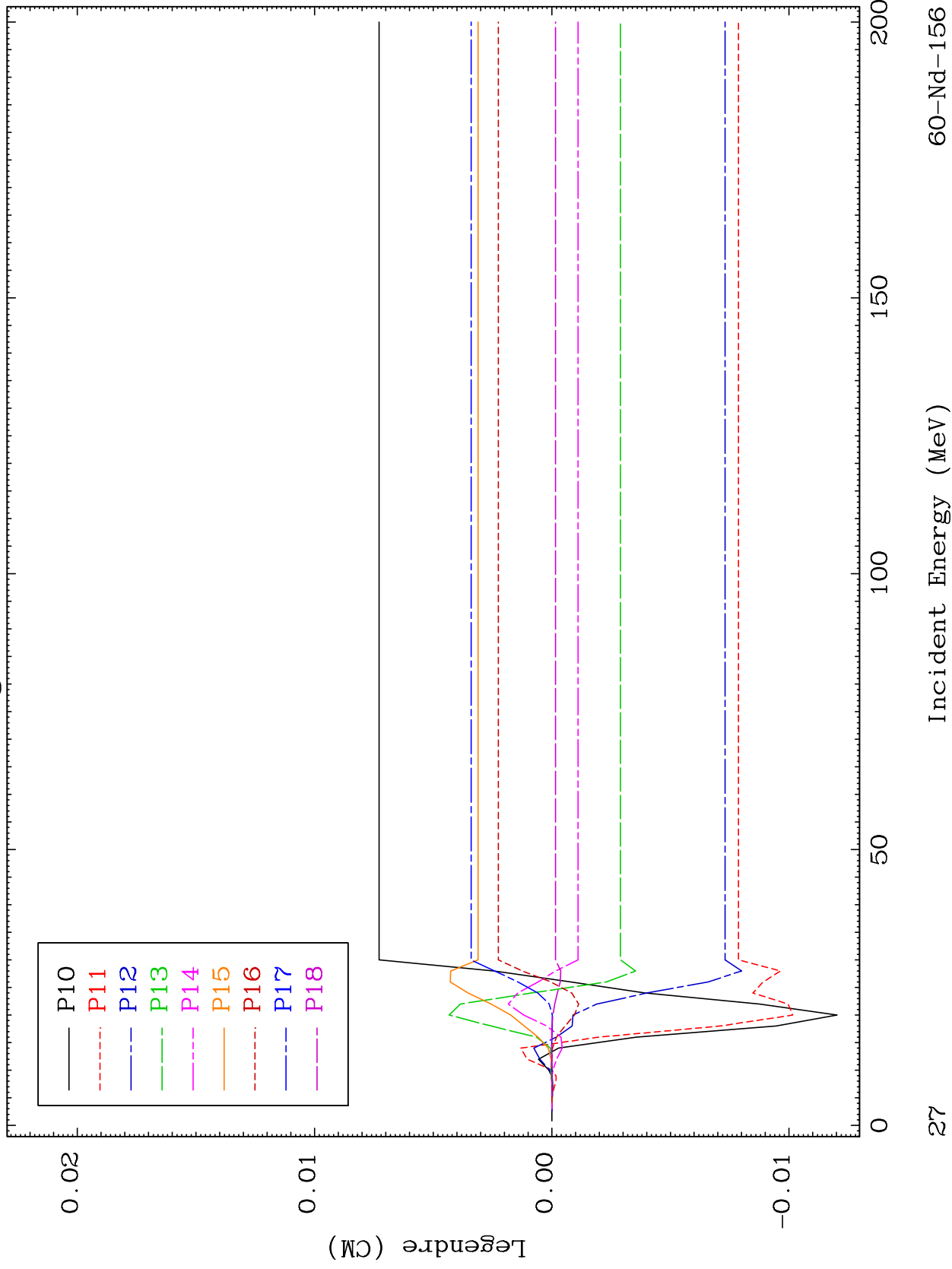
Incident Energy (MeV)

60-Nd-156

MAT 6067

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

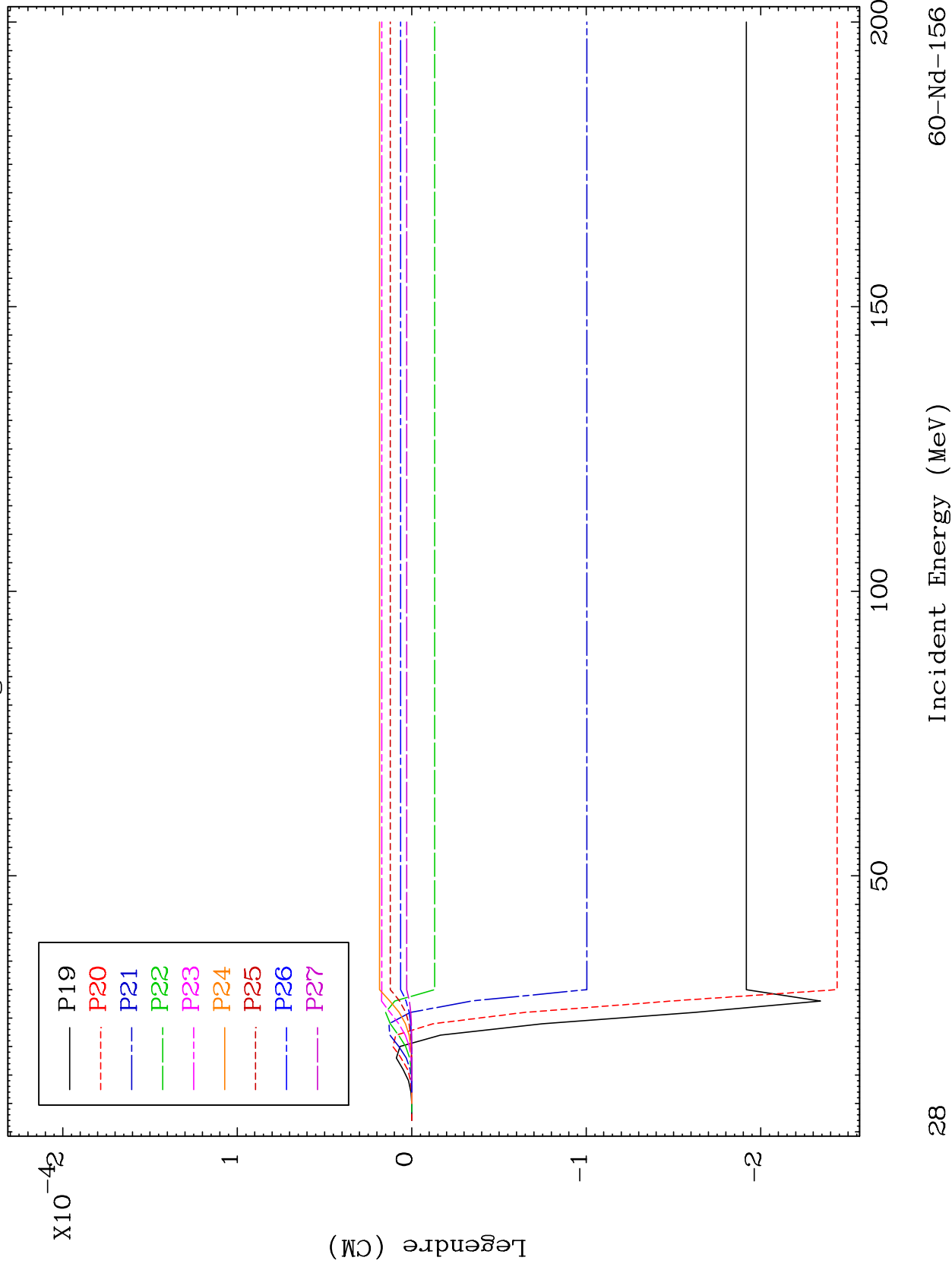
60-Nd-156



27

Incident Energy (MeV)

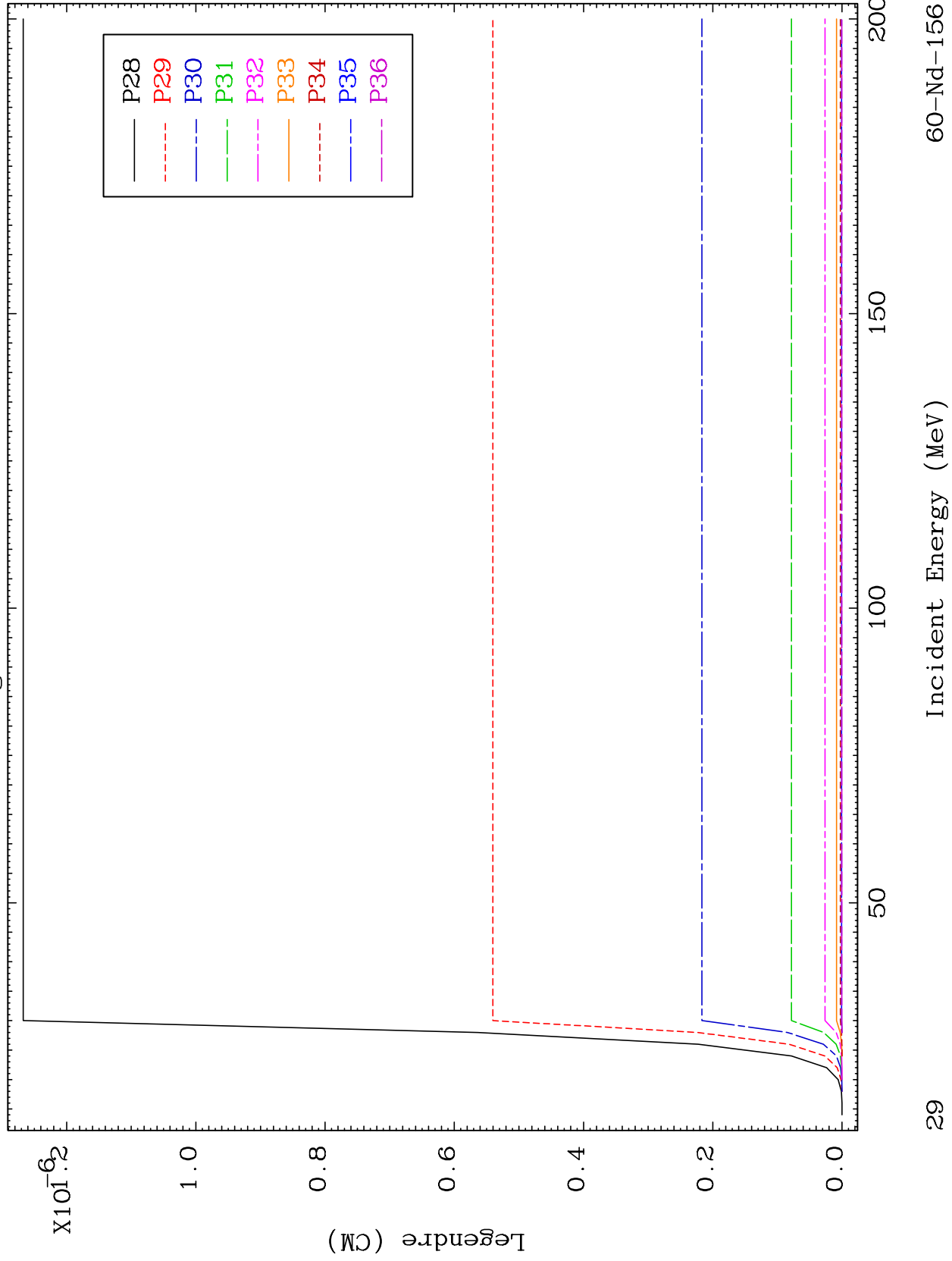
60-Nd-156



MAT 6067

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

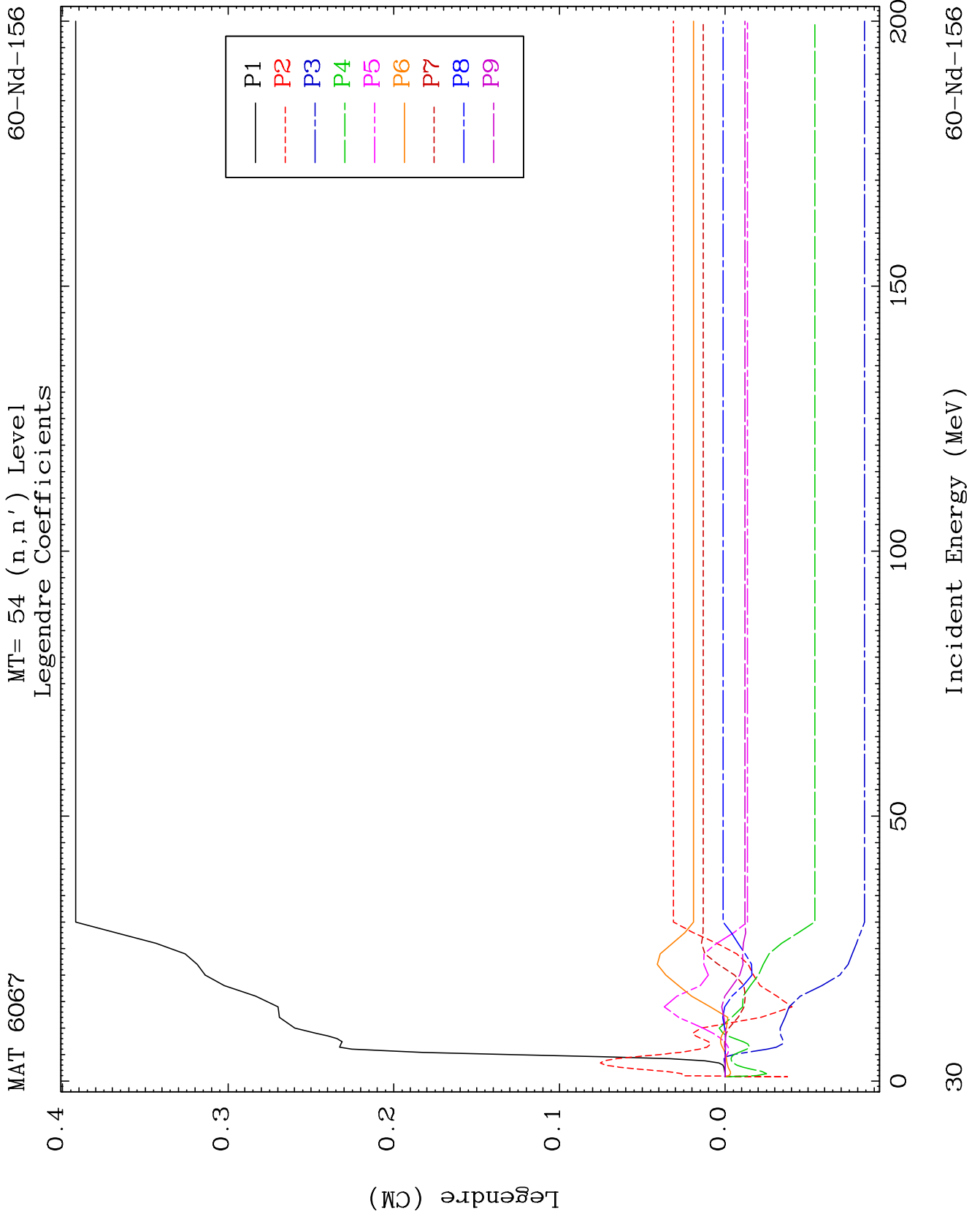
60-Nd-156



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Incident Energy (MeV)

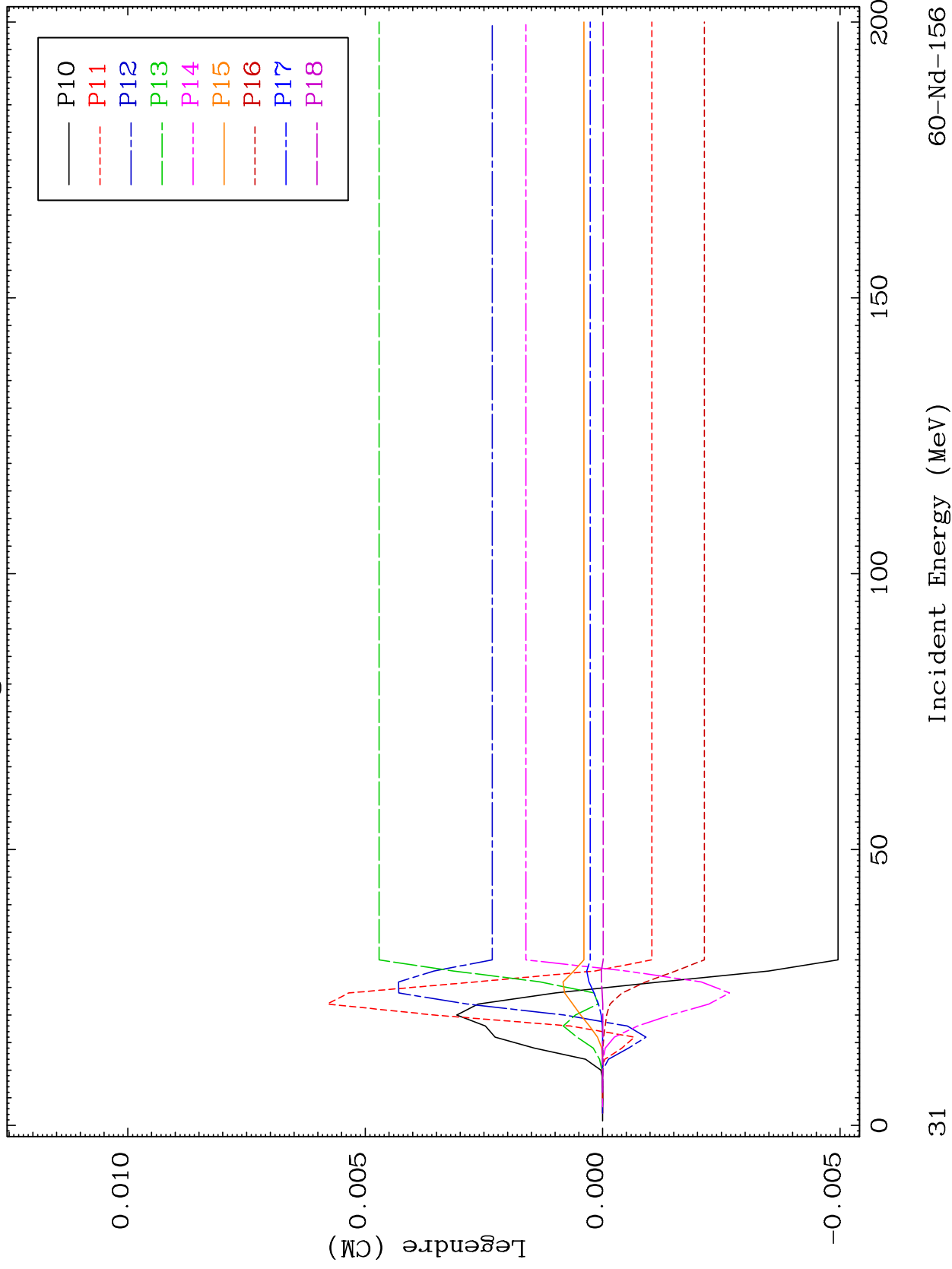
60-Nd-156



MAT 6067

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

60-Nd-156



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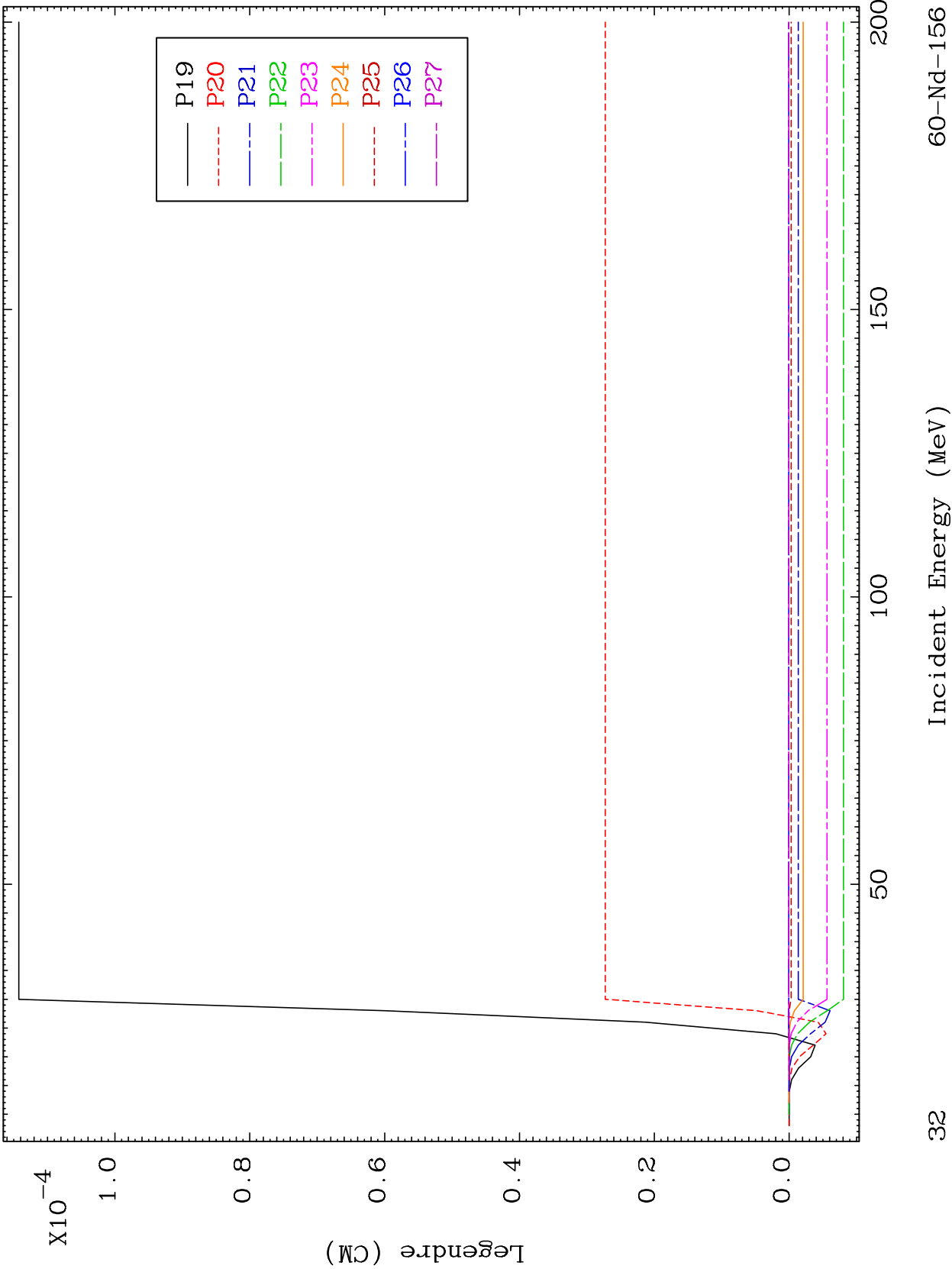
Incident Energy (MeV)

60-Nd-156

MAT 6067

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

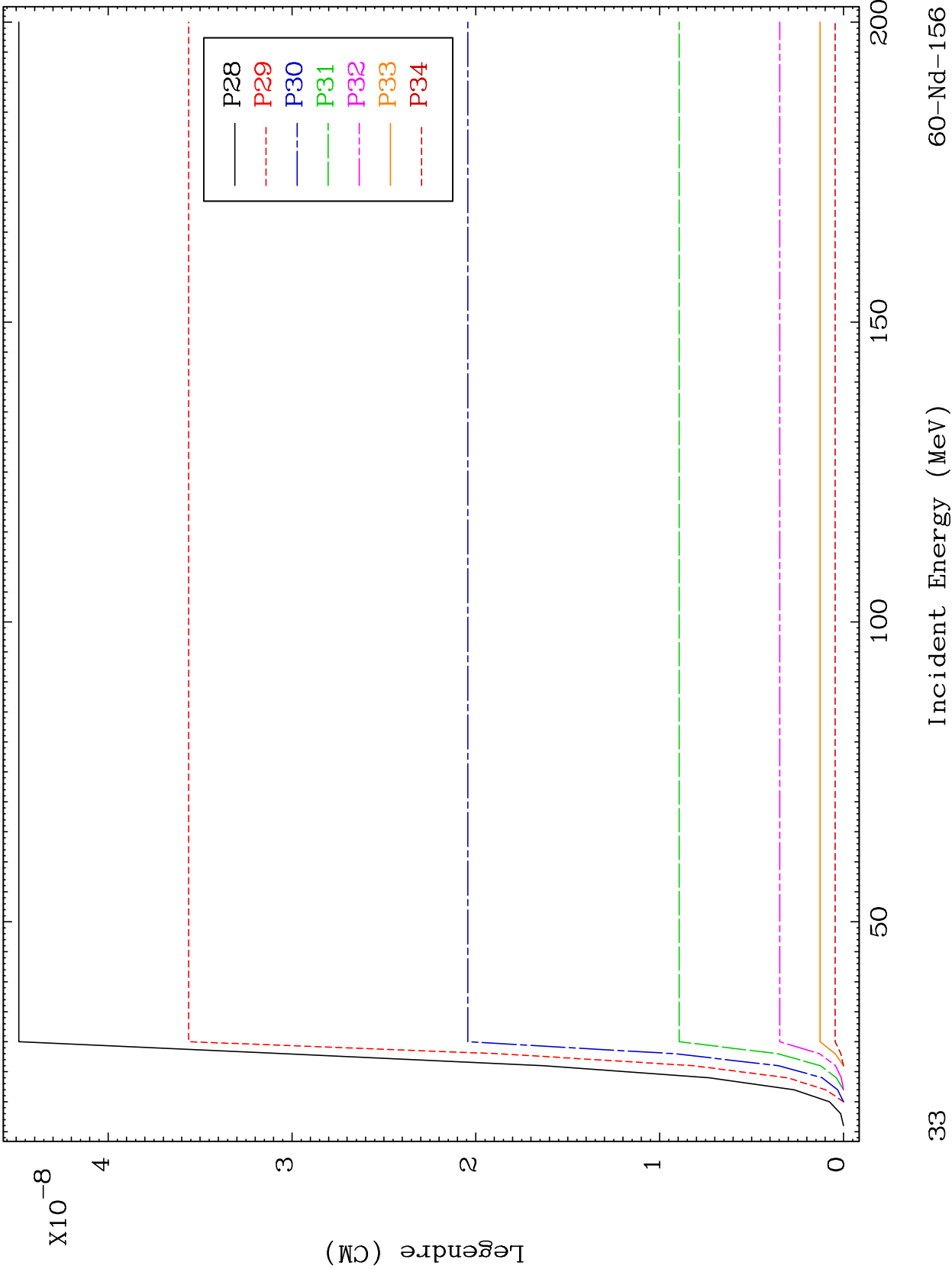
60-Nd-156



MAT 6067

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

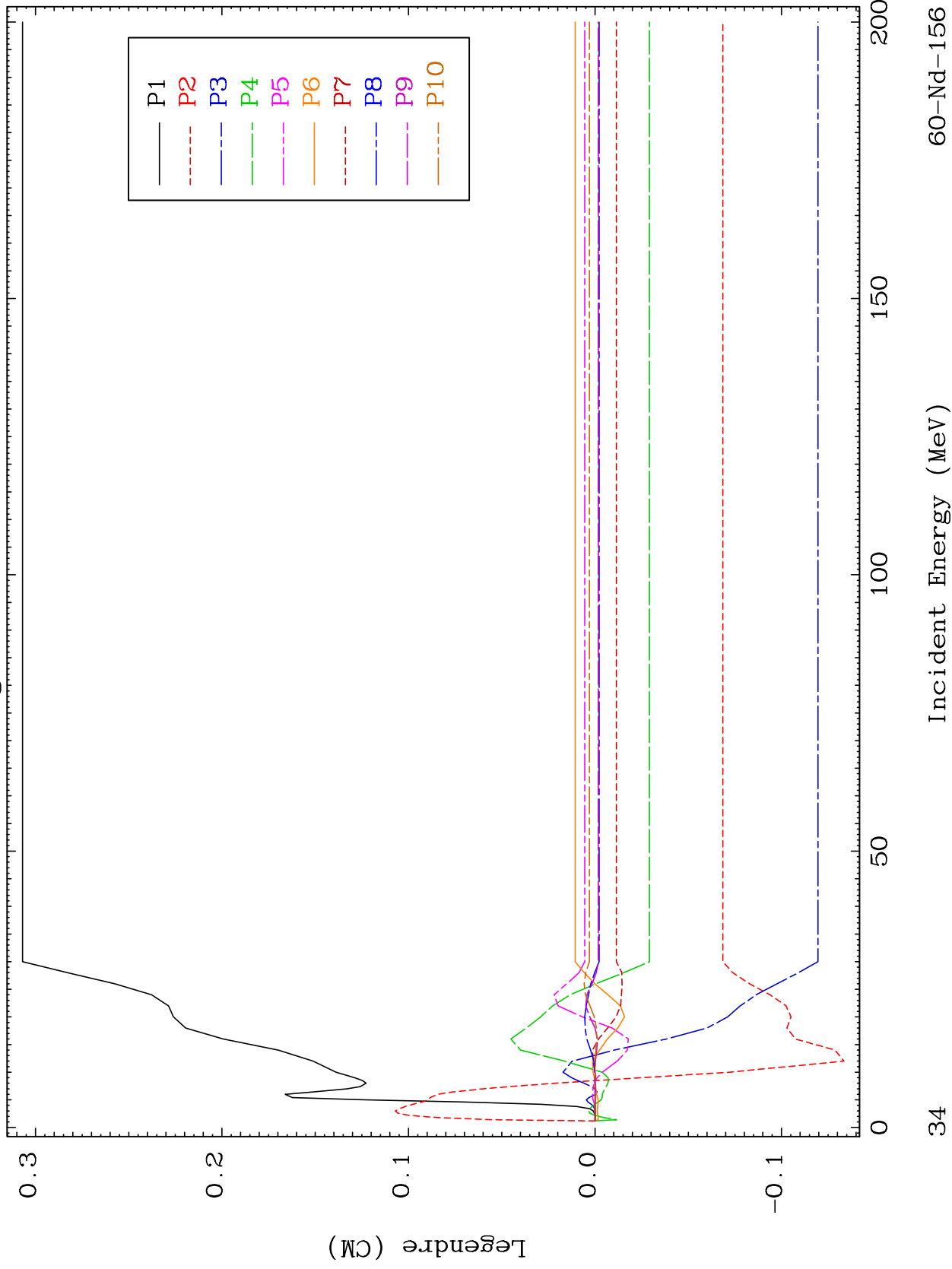
60-Nd-156



MAT 6067

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

60-Nd-156

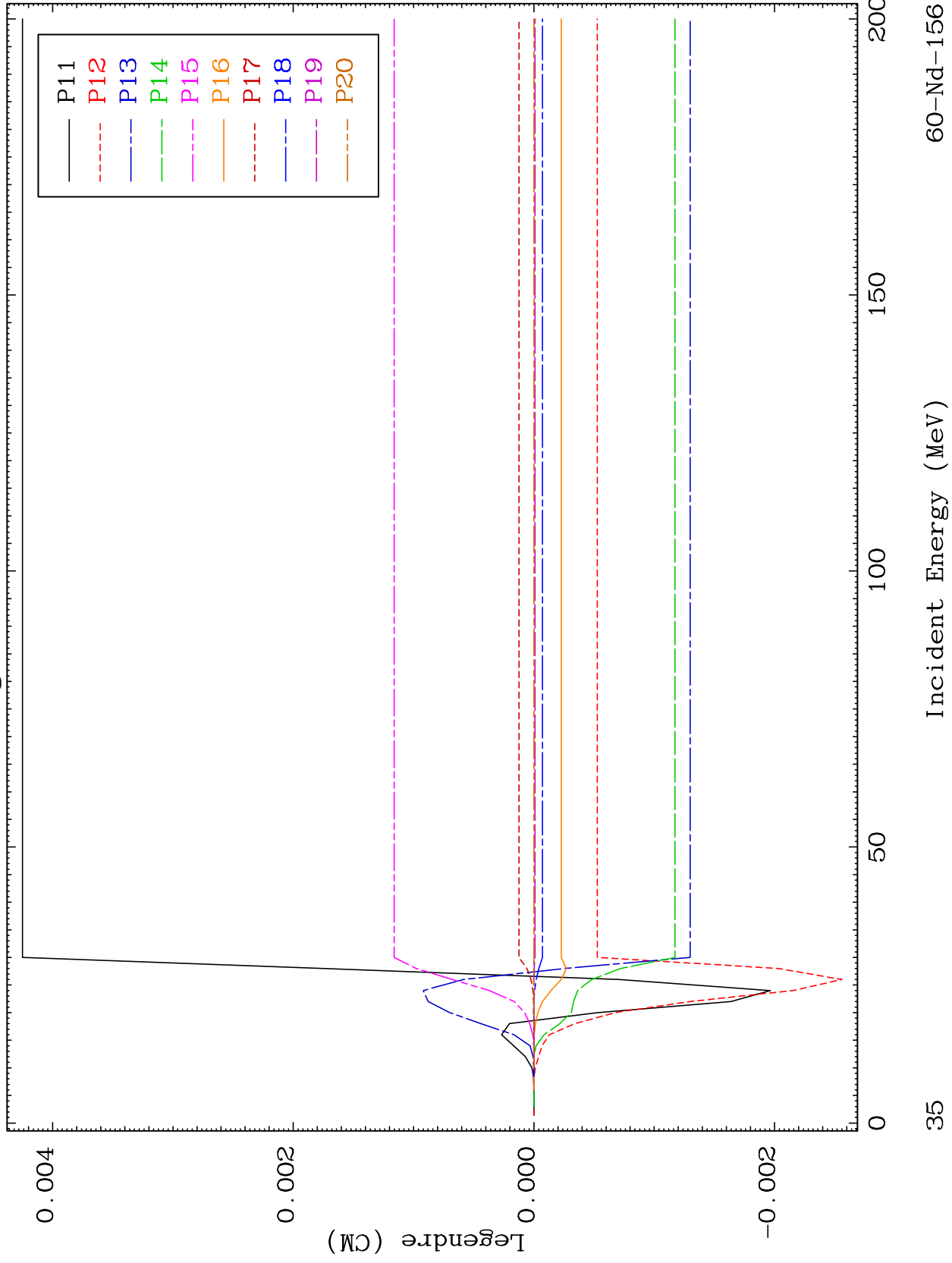


34

MAT 6067

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

60-Nd-156



60-Nd-156

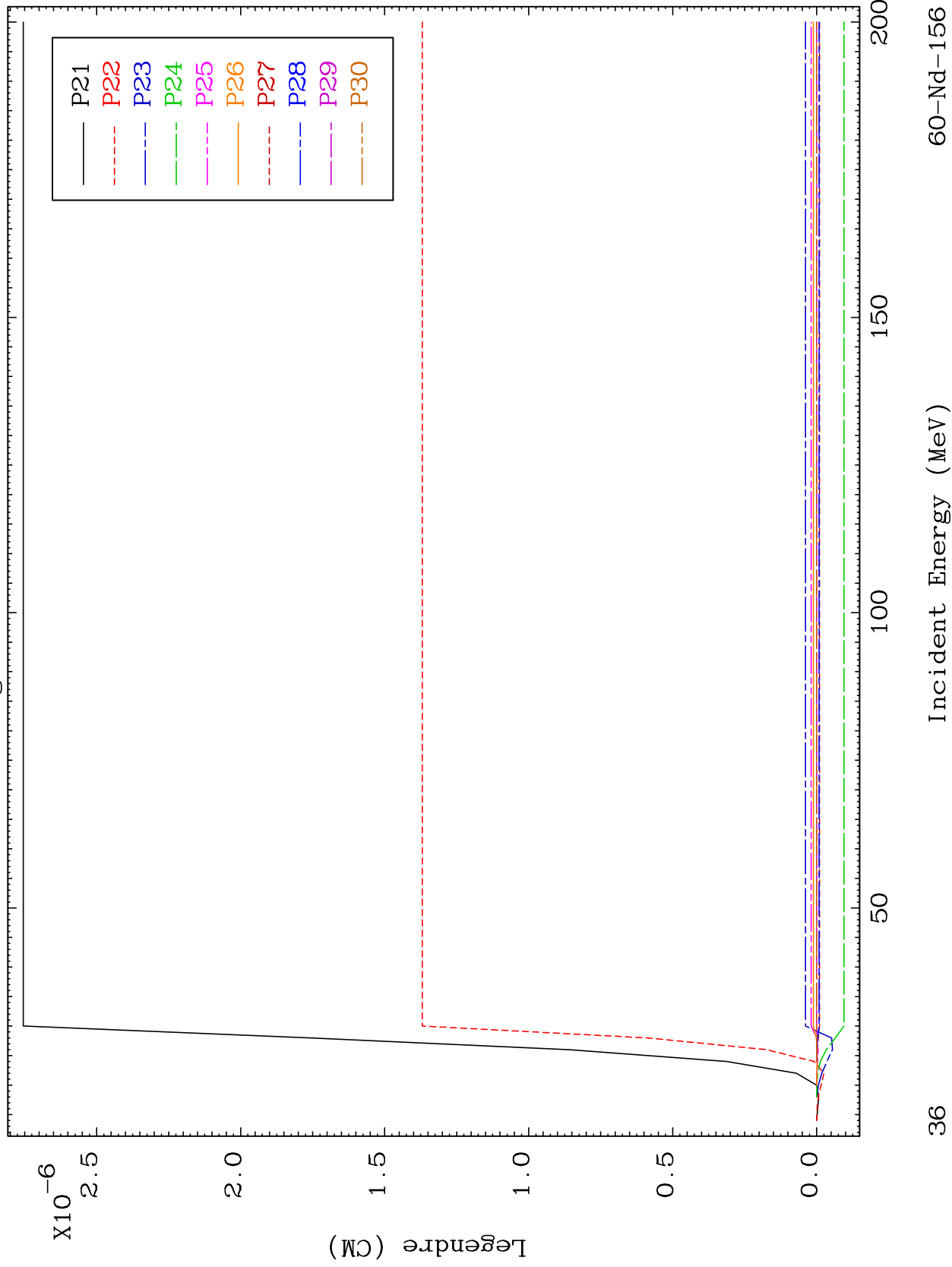
Incident Energy (MeV)

35

MAT 6067

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

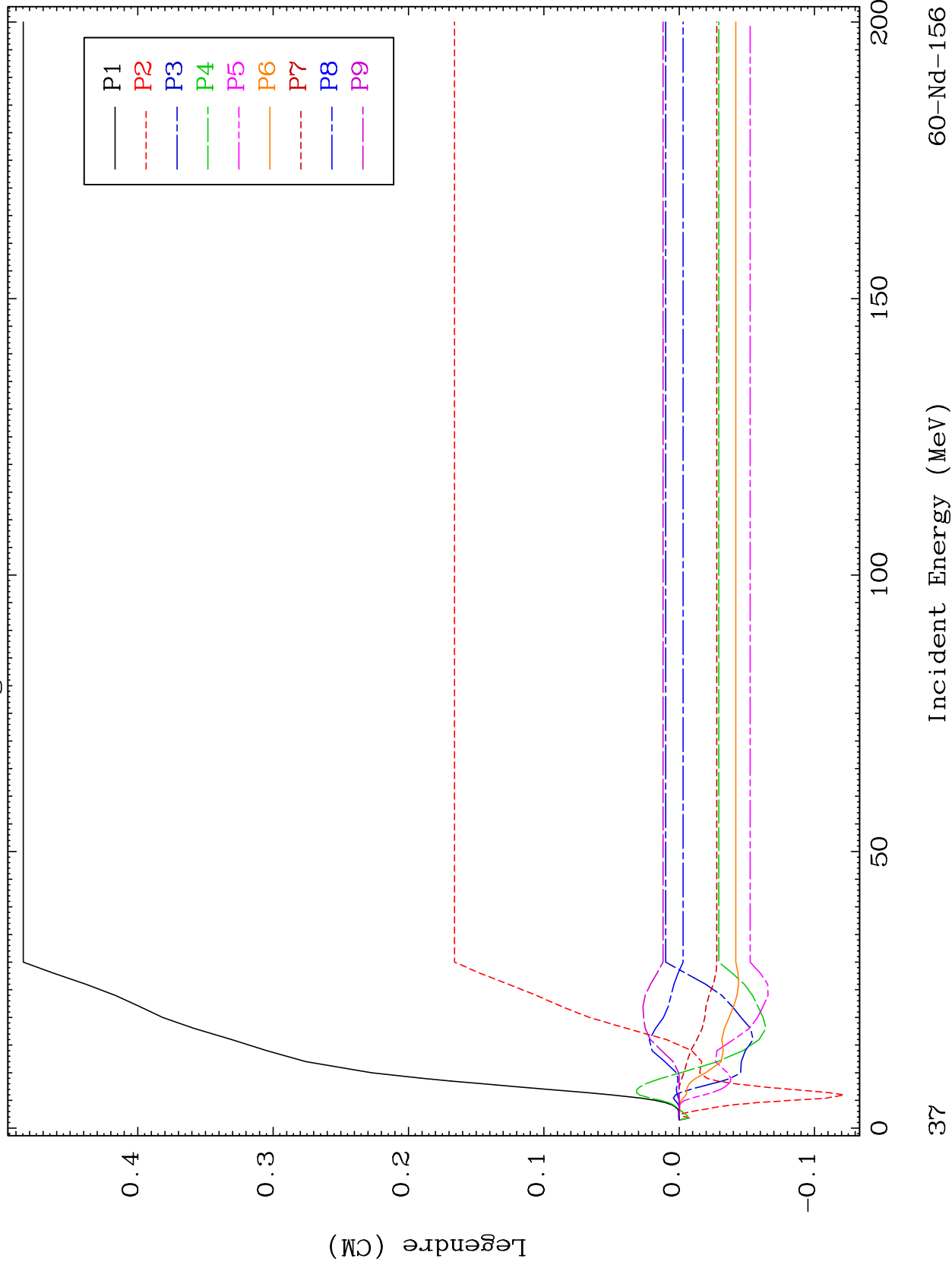
60-Nd-156



MAT 6067

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

60-Nd-156



60-Nd-156

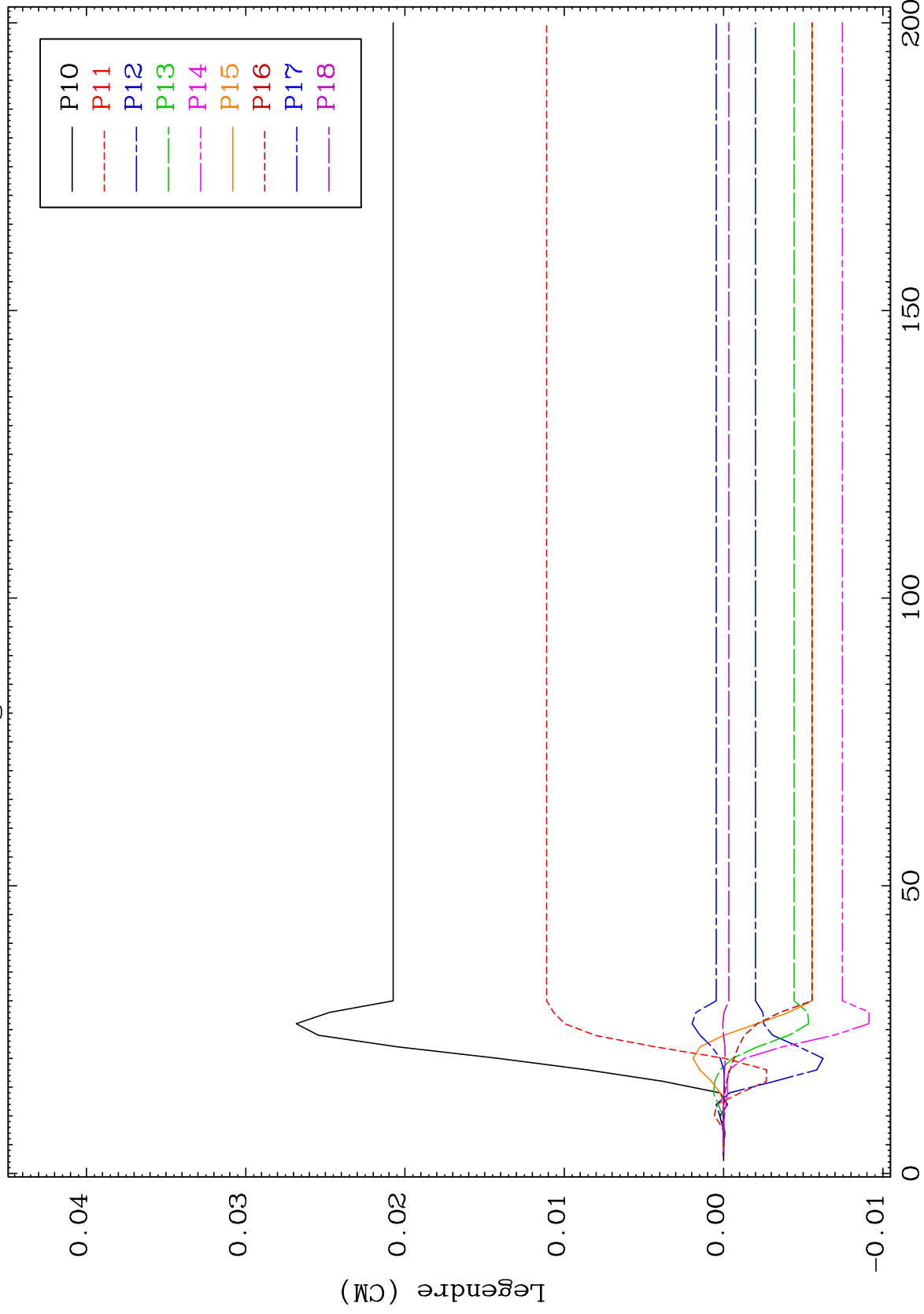
Incident Energy (MeV)

37

MAT 6067

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

60-Nd-156



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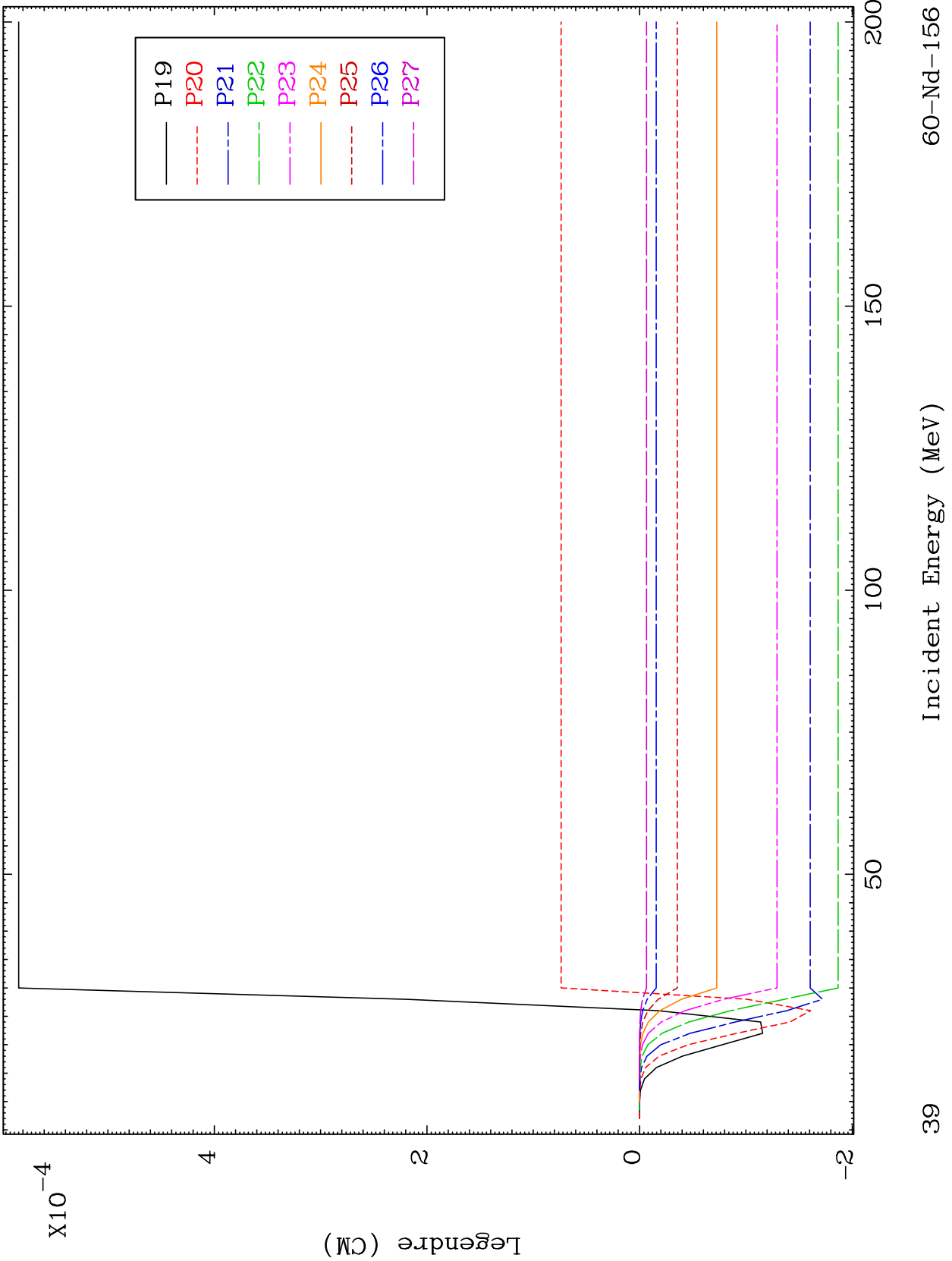
Incident Energy (MeV)

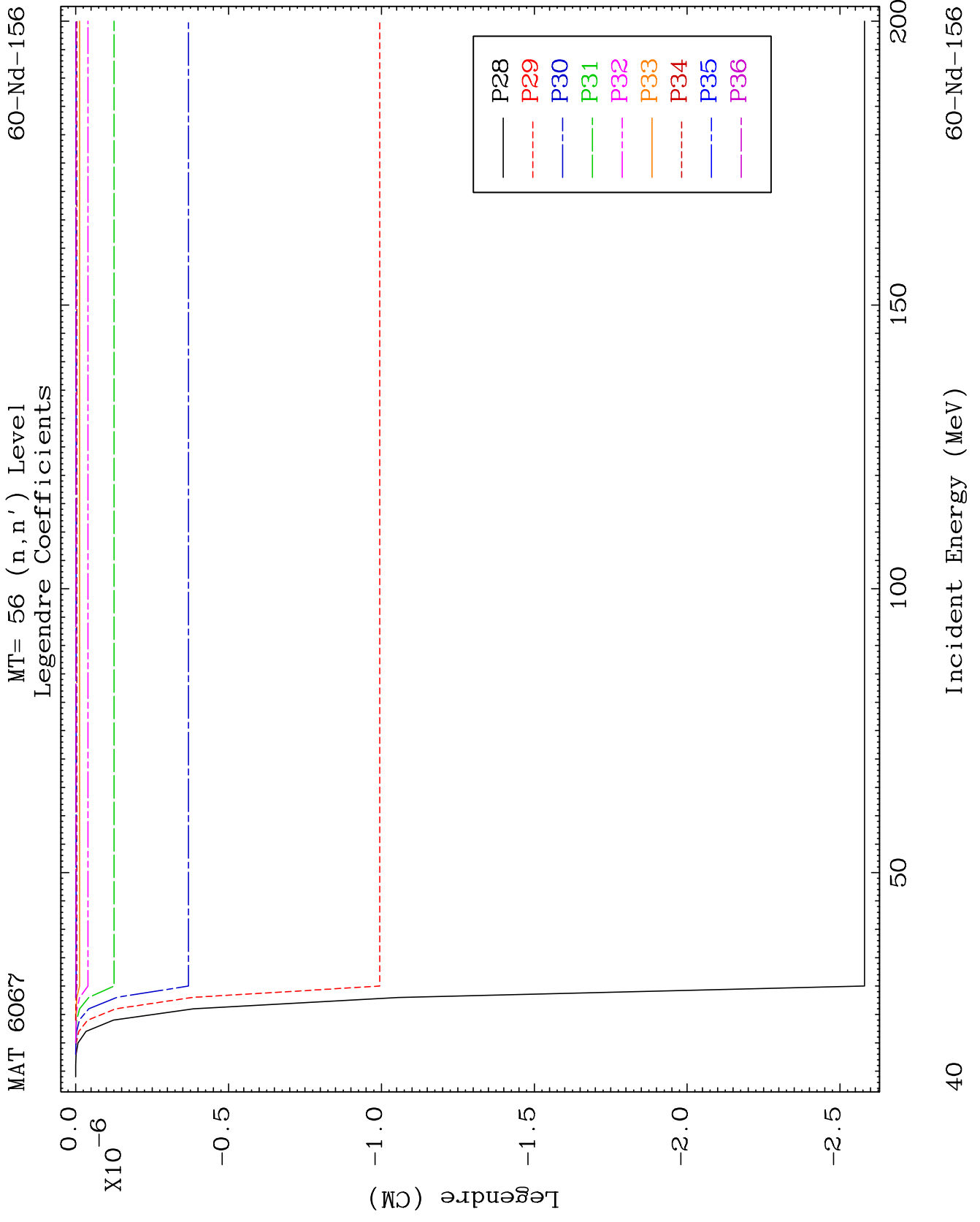
60-Nd-156

MAT 6067

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

60-Nd-156

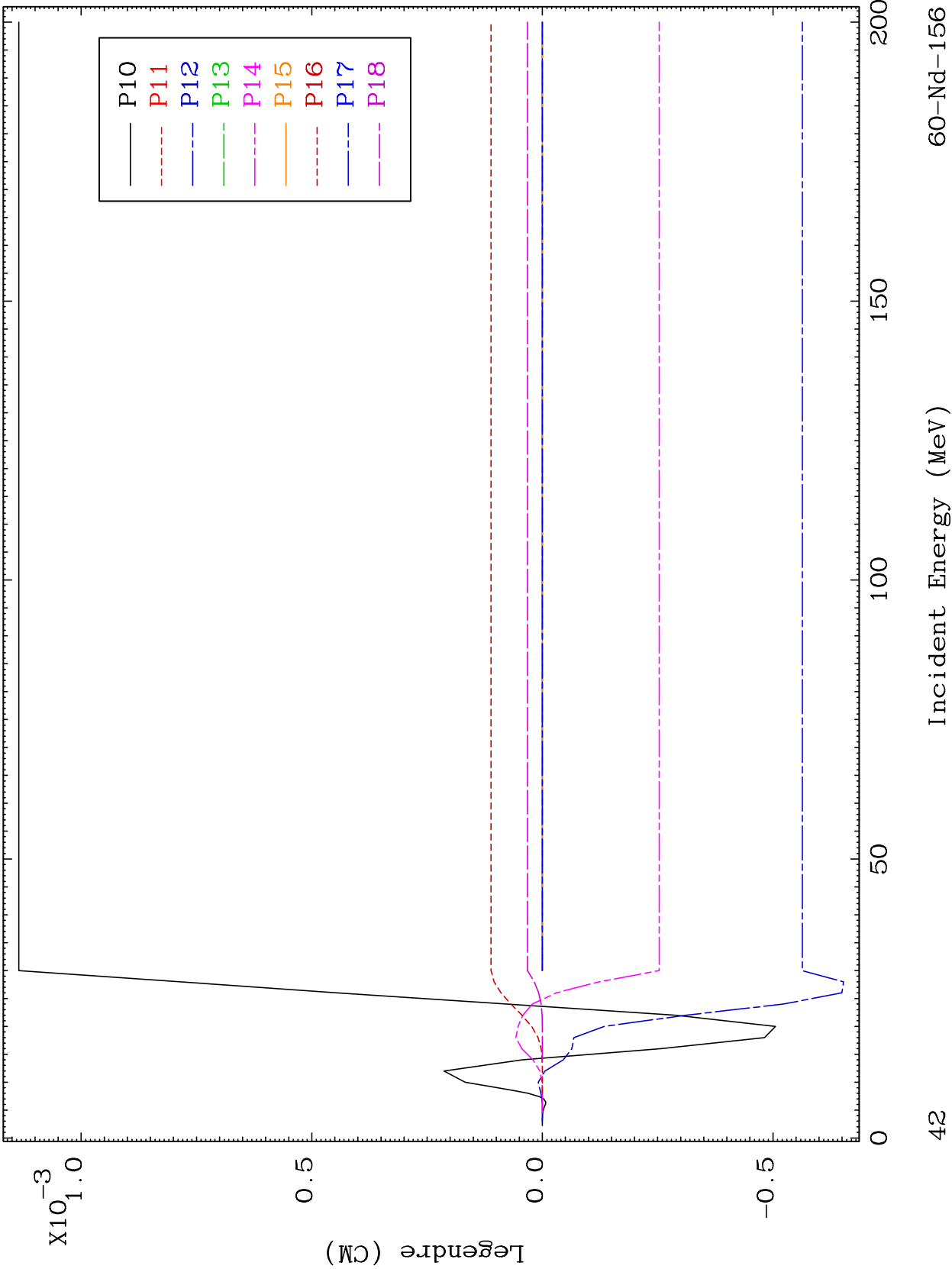




MAT 6067

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

60-Nd-156



42

60-Nd-156

