

Program EVALPLOT
(Version 2015-2)

by

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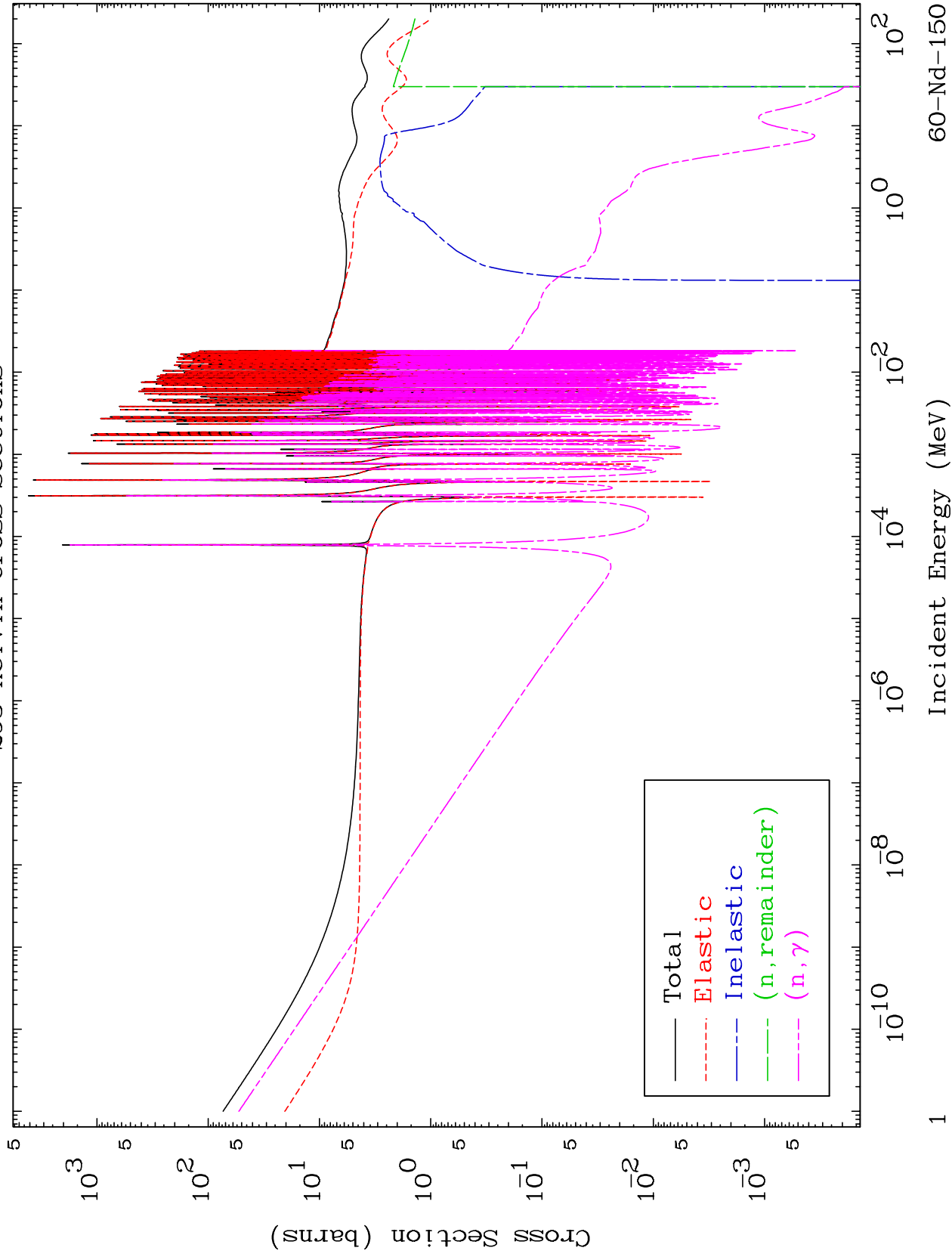
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6049

Major
293 Kelvin Cross Sections

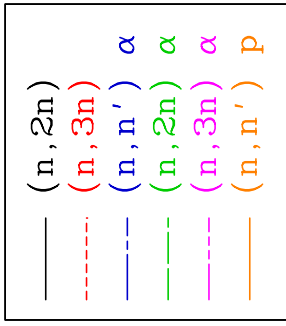
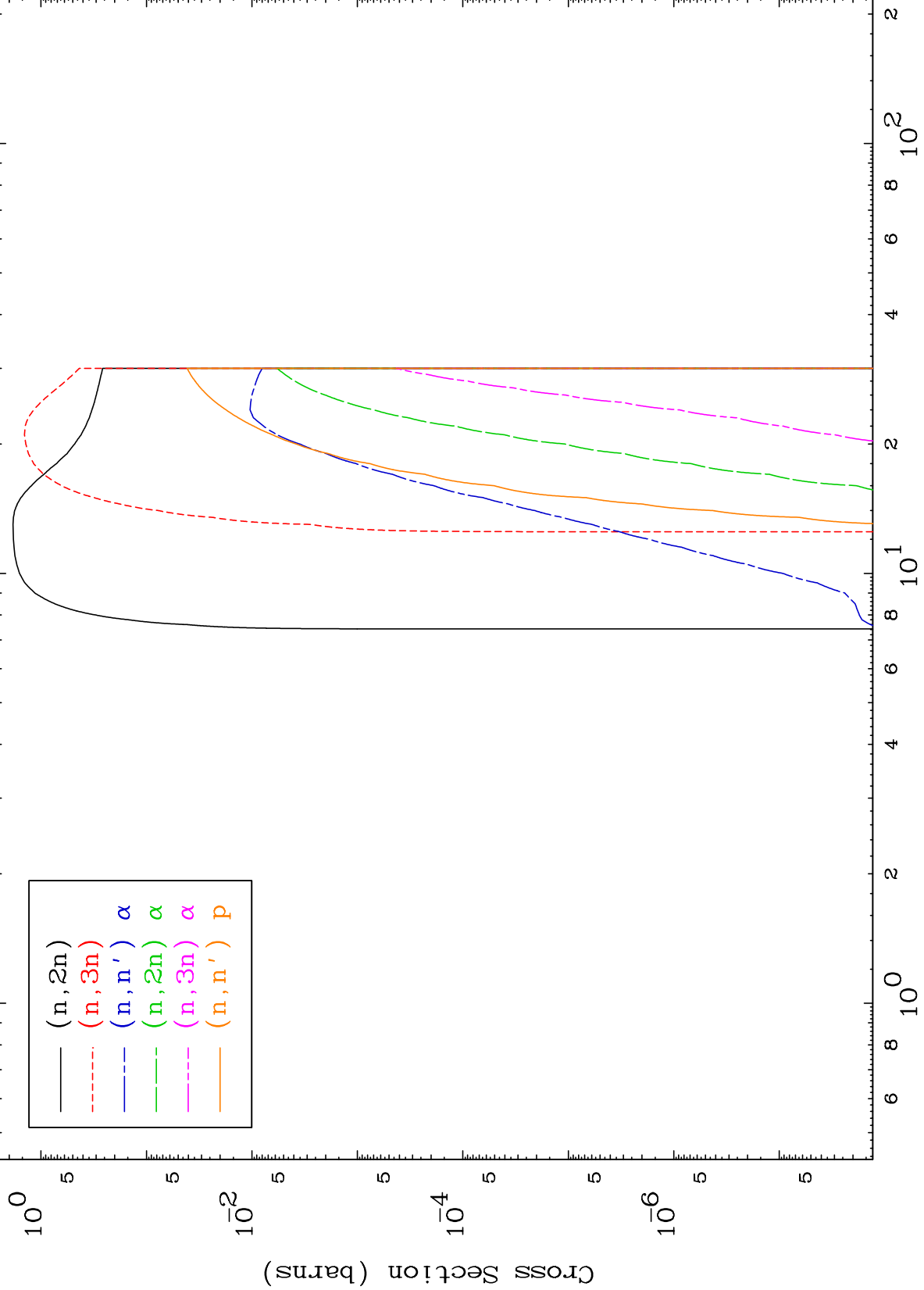
60-Nd-150

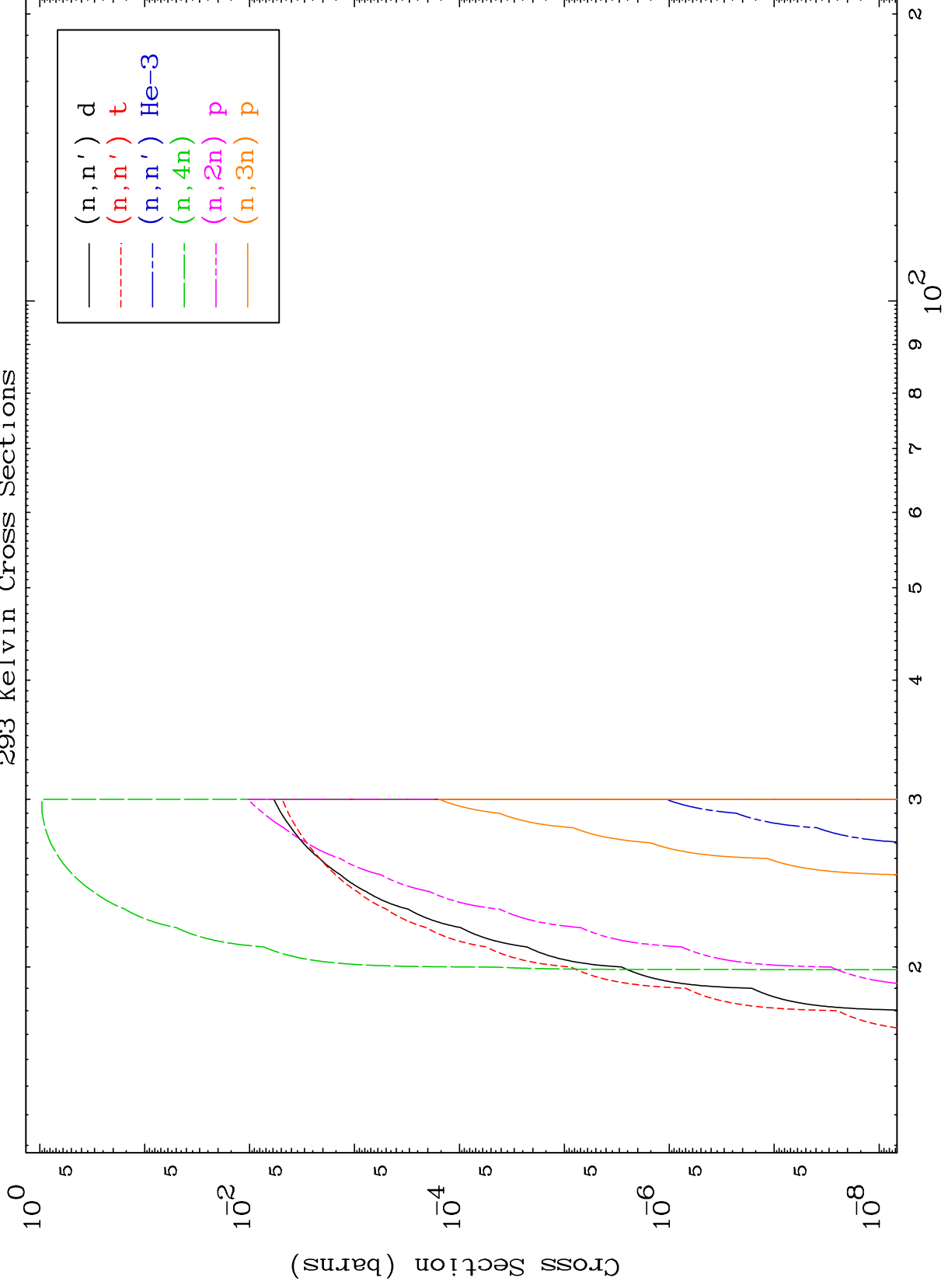


MAT 6049

Neutron Production
293 Kelvin Cross Sections

60-Nd-150



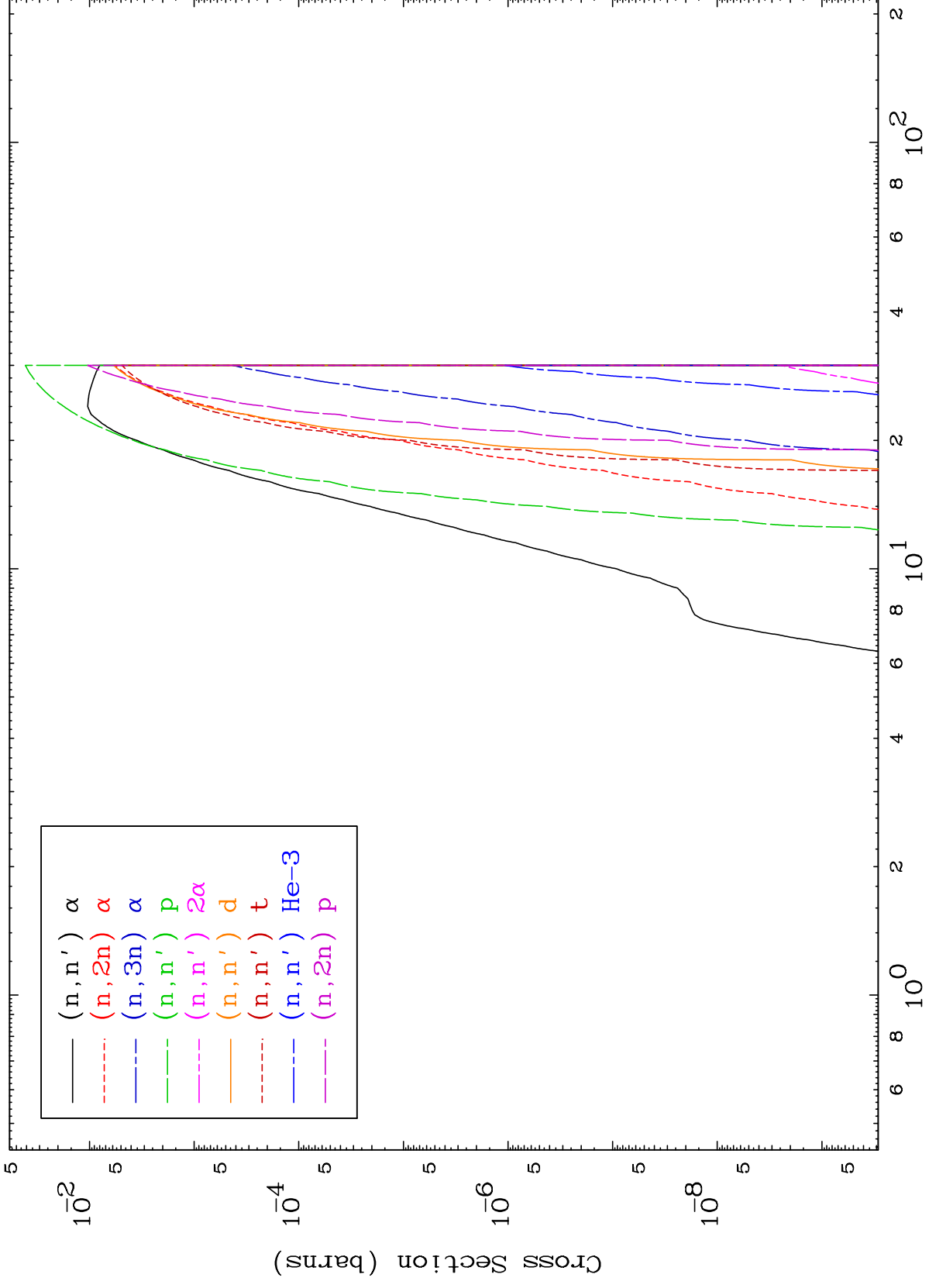


MAT 6049

Charged Particle

60-Nd-150

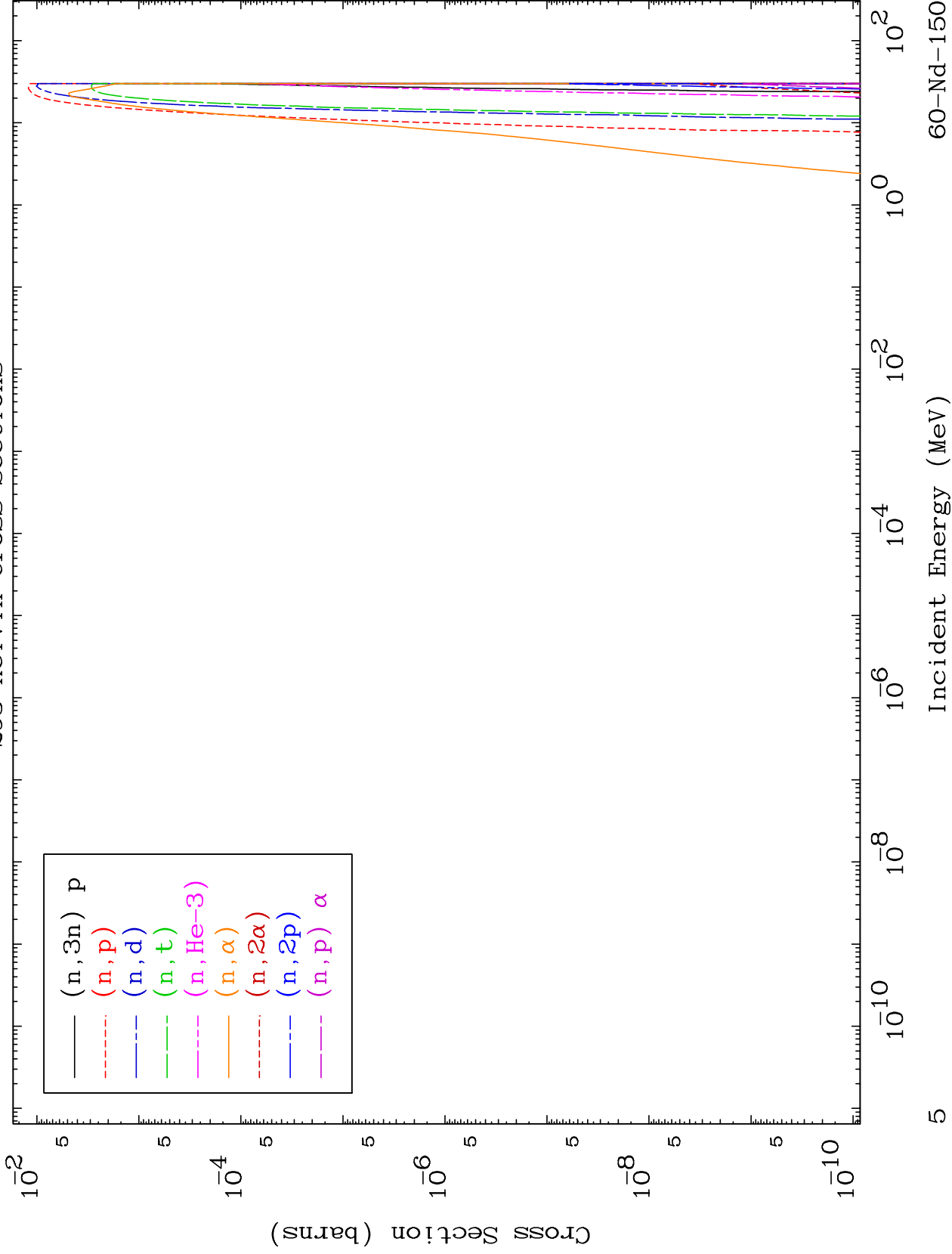
293 Kelvin Cross Sections



MAT 6049

Charged Particle
293 Kelvin Cross Sections

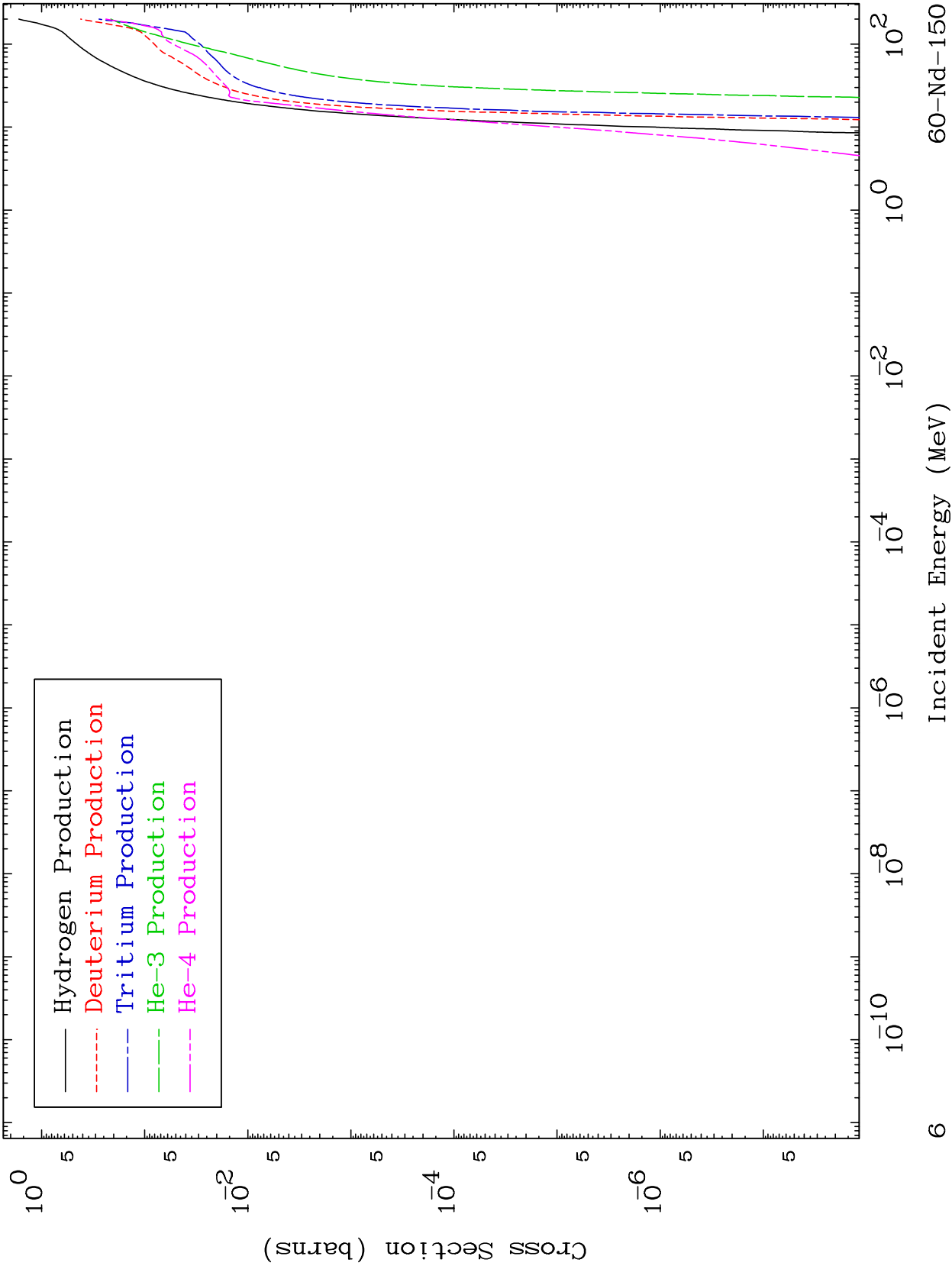
60-Nd-150



MAT 6049

Particle Production
293 Kelvin Cross Sections

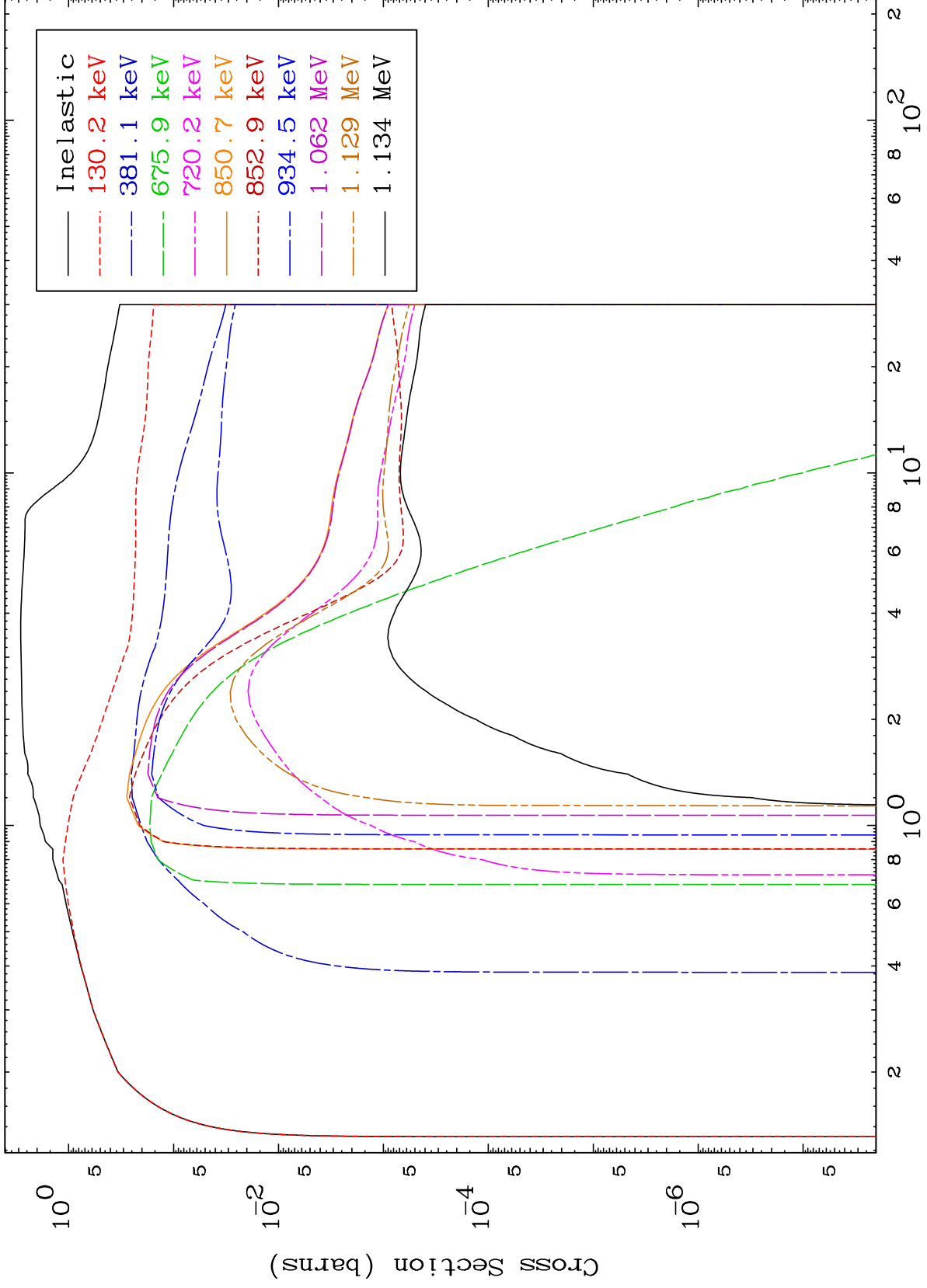
60-Nd-150



MAT 6049

(n,n') Level
293 Kelvin Cross Sections

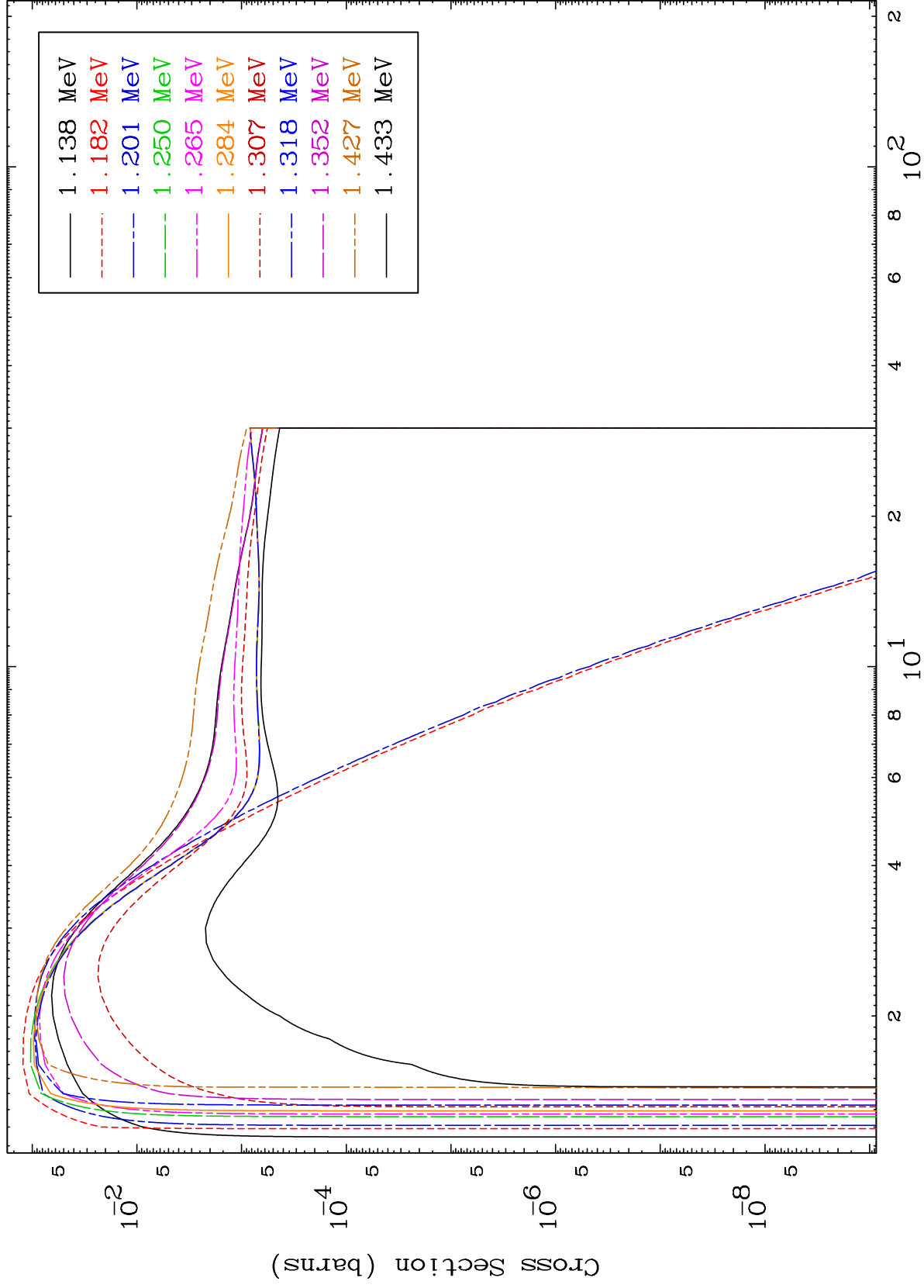
60-Nd-150



MAT 6049

(n,n') Level
293 Kelvin Cross Sections

60-Nd-150



8

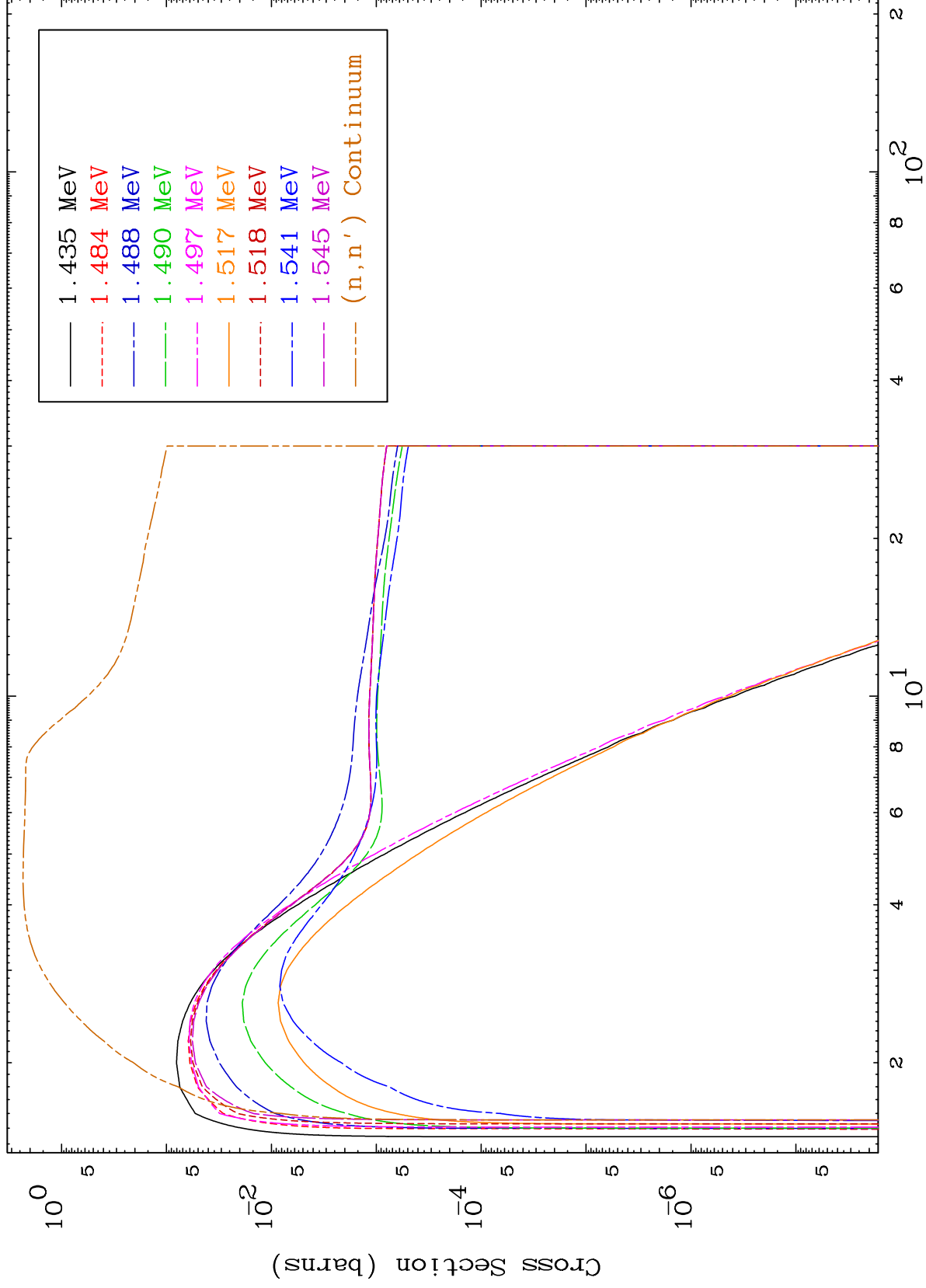
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,n') Level
293 Kelvin Cross Sections

60-Nd-150



9

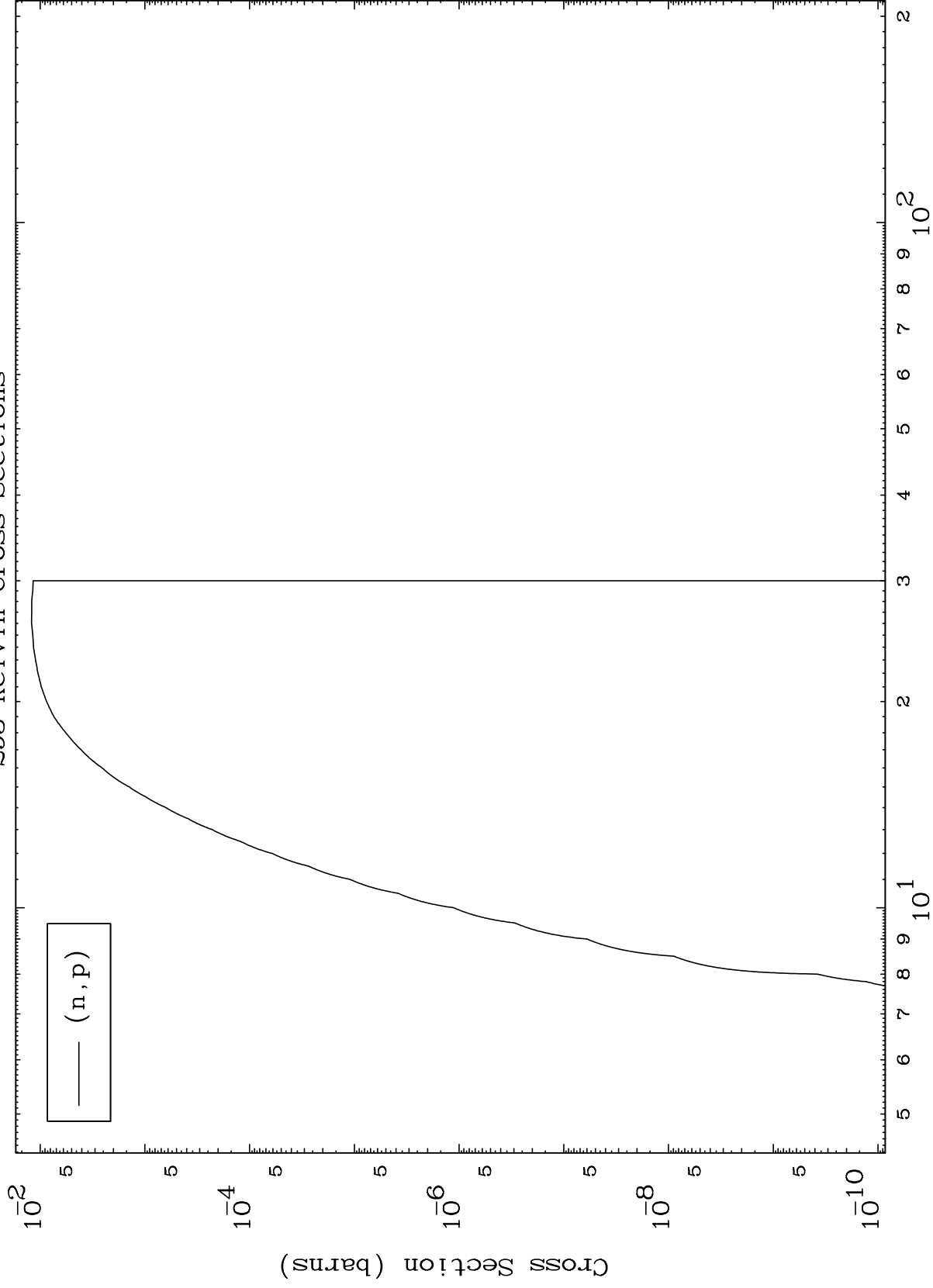
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,p) Levels
293 Kelvin Cross Sections

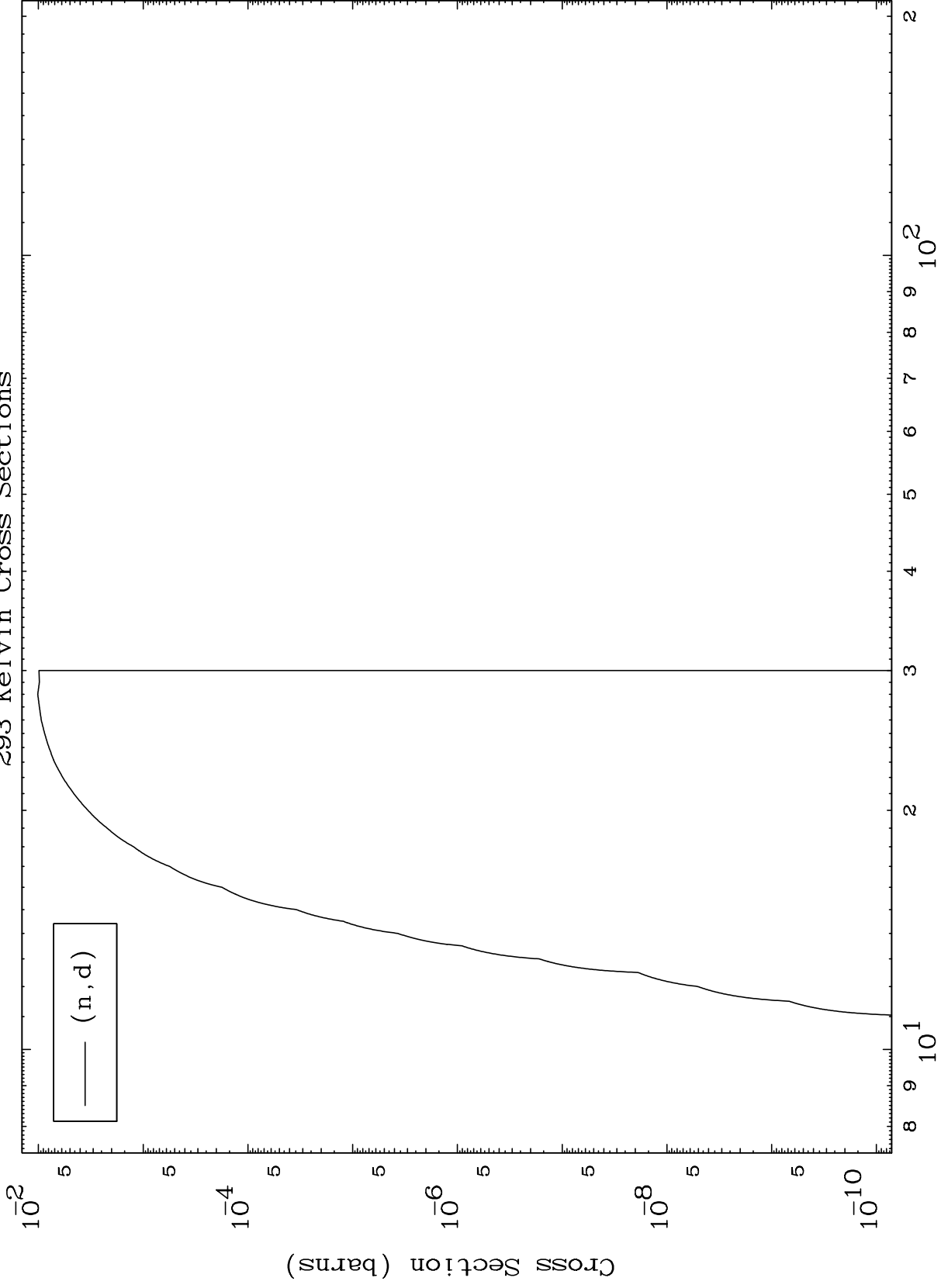
60-Nd-150



MAT 6049

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-150



11

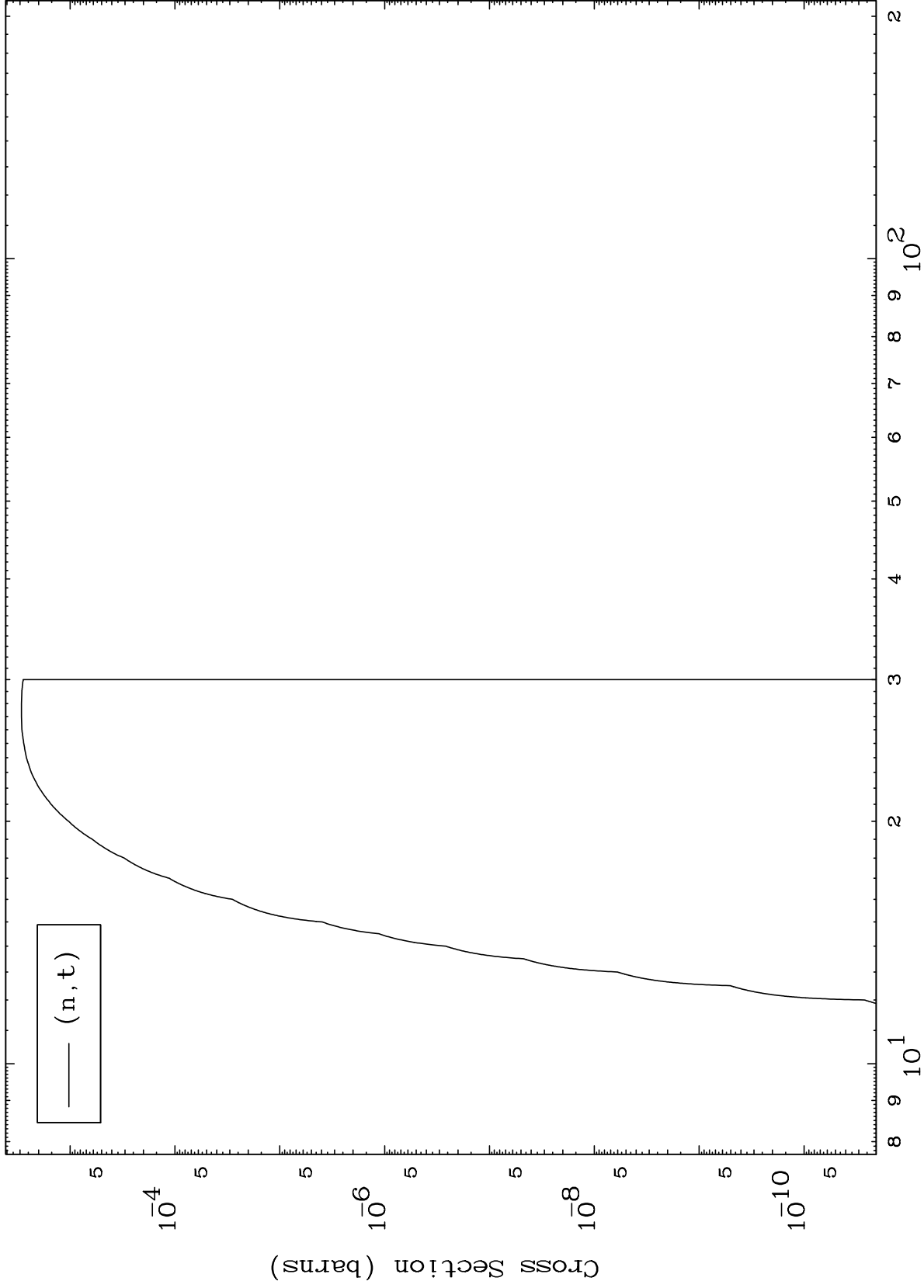
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-150



12

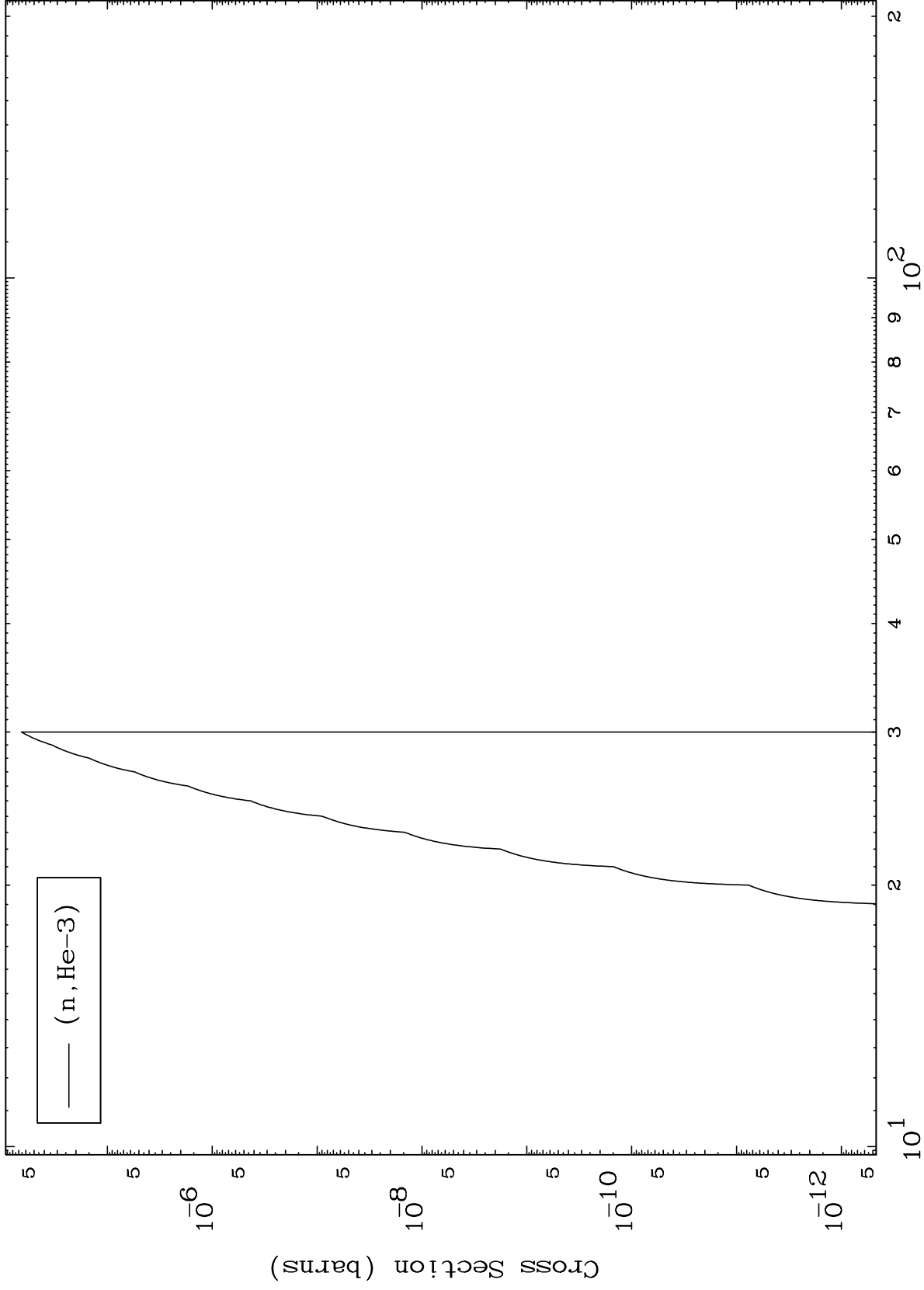
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-150



13

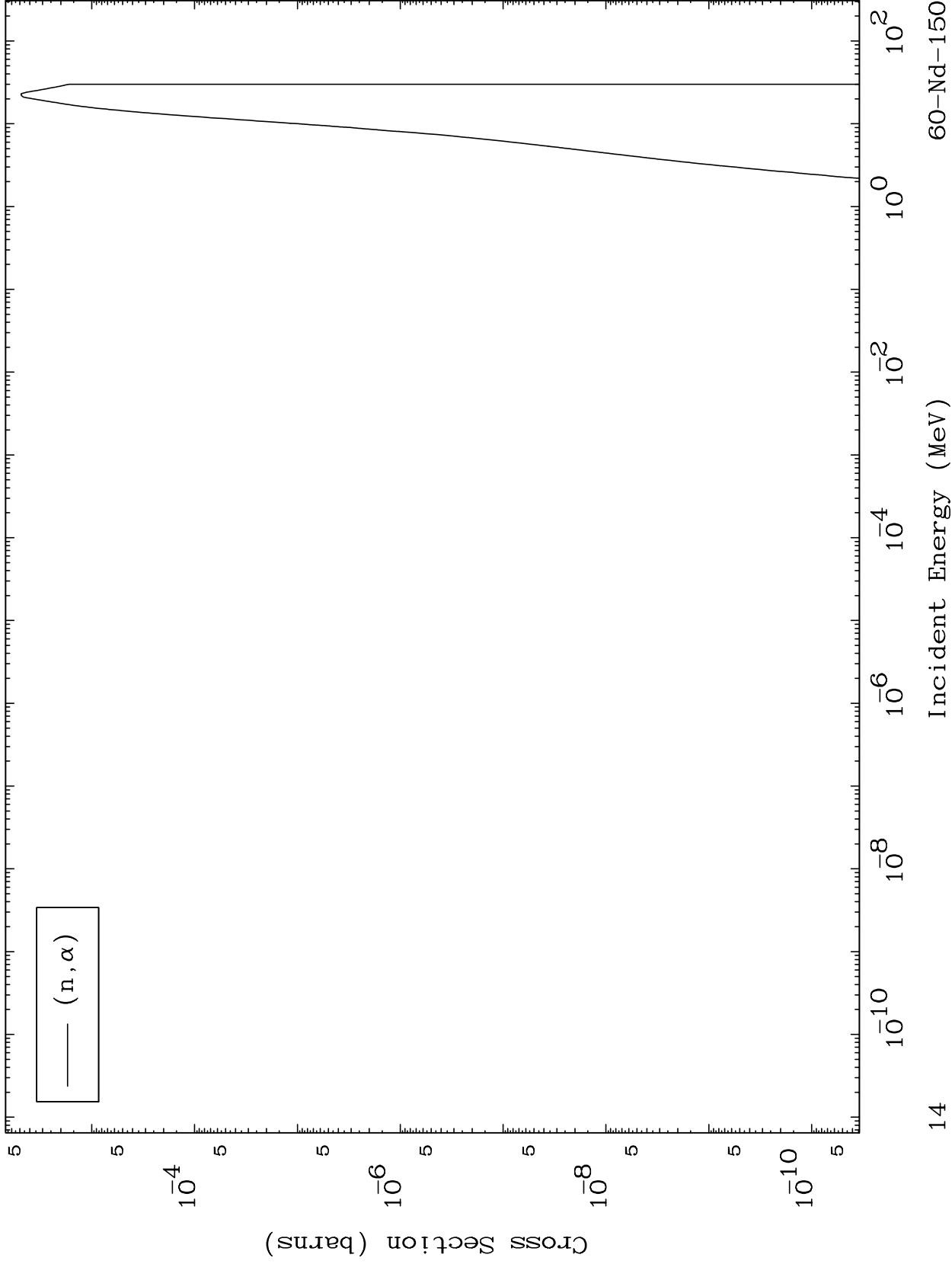
Incident Energy (MeV)

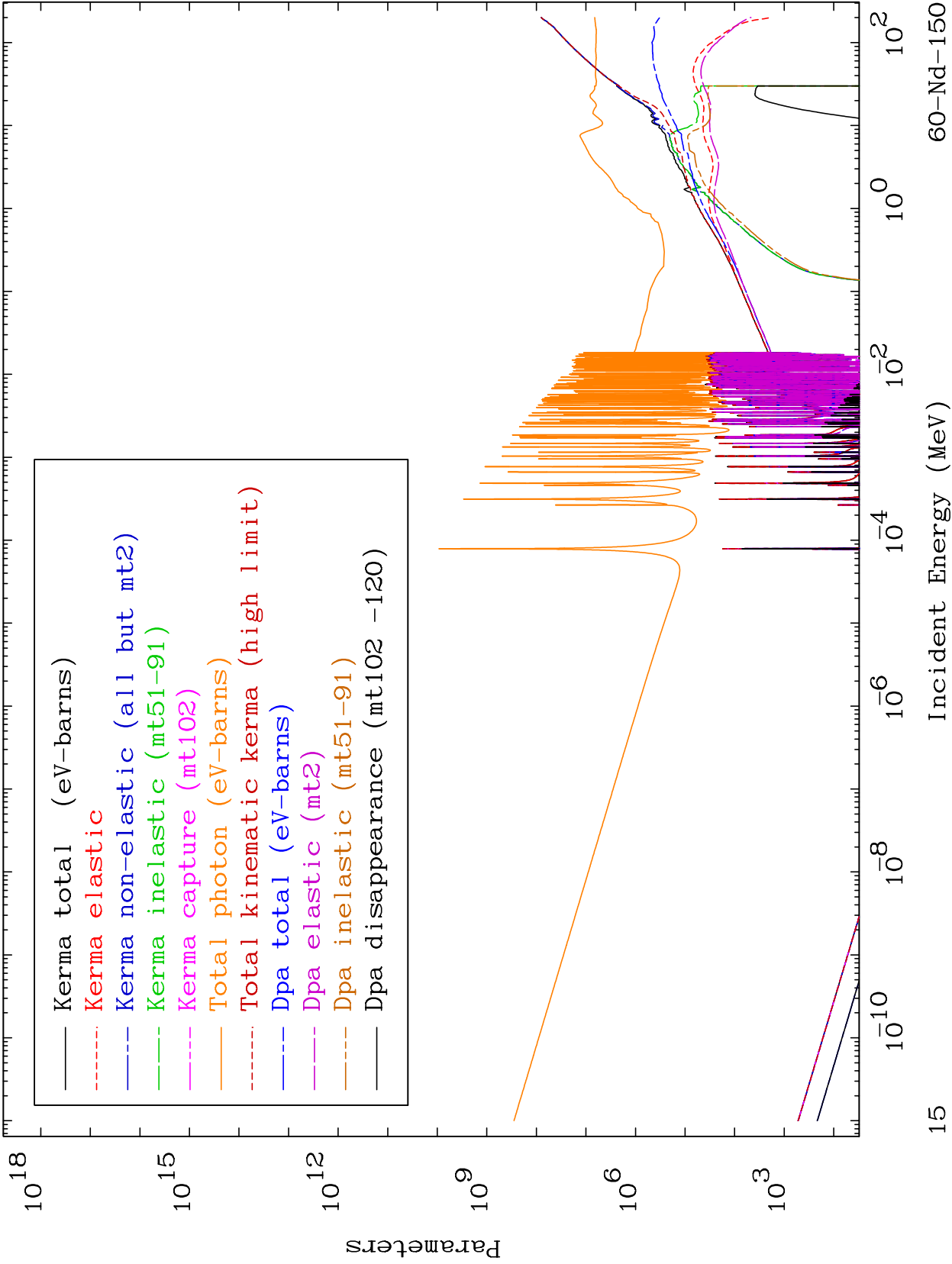
60-Nd-150

MAT 6049

(n, α) Levels
293 Kelvin Cross Sections

60-Nd-150

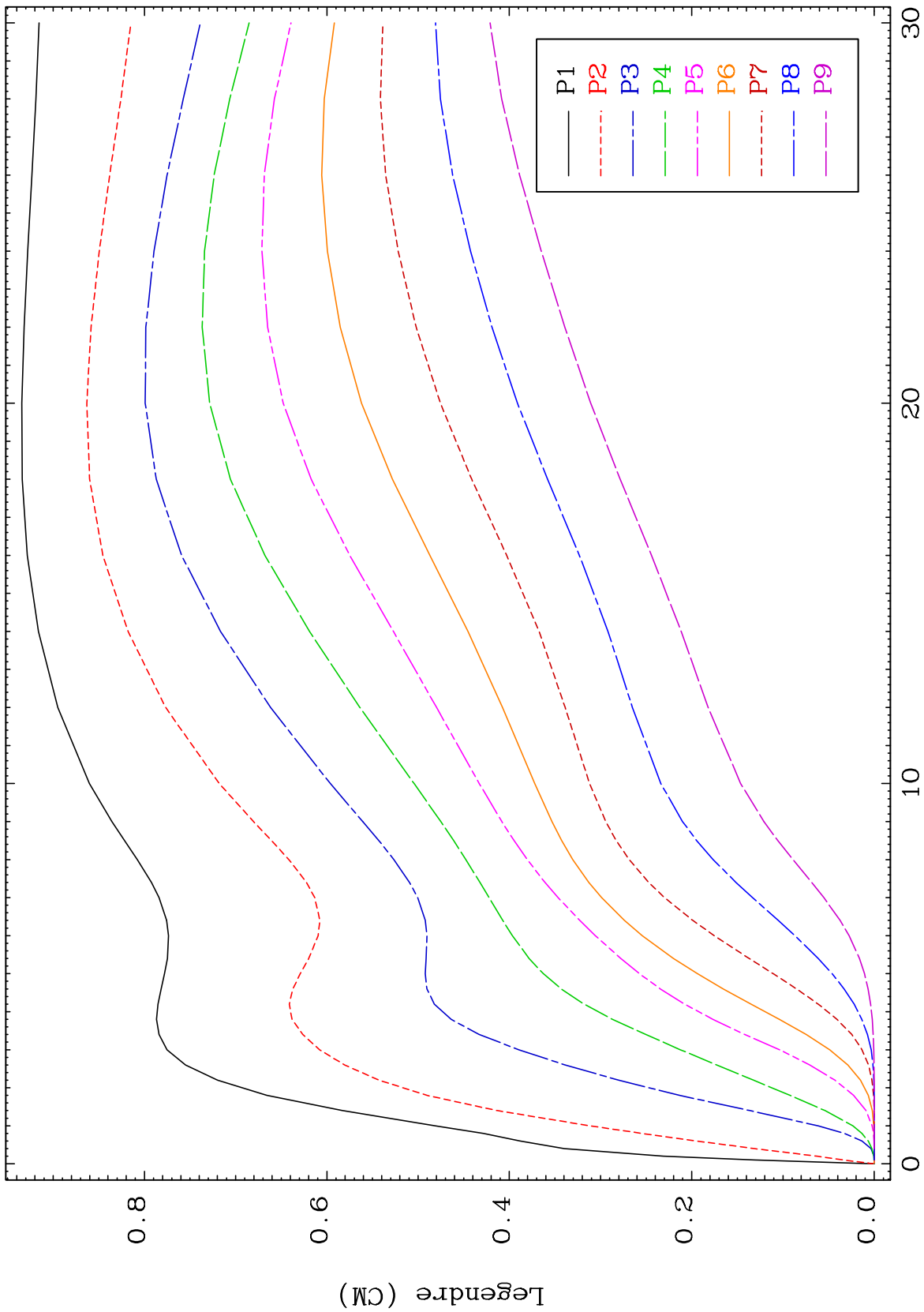




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Elastic Legendre Coefficients

60-Nd-150



16

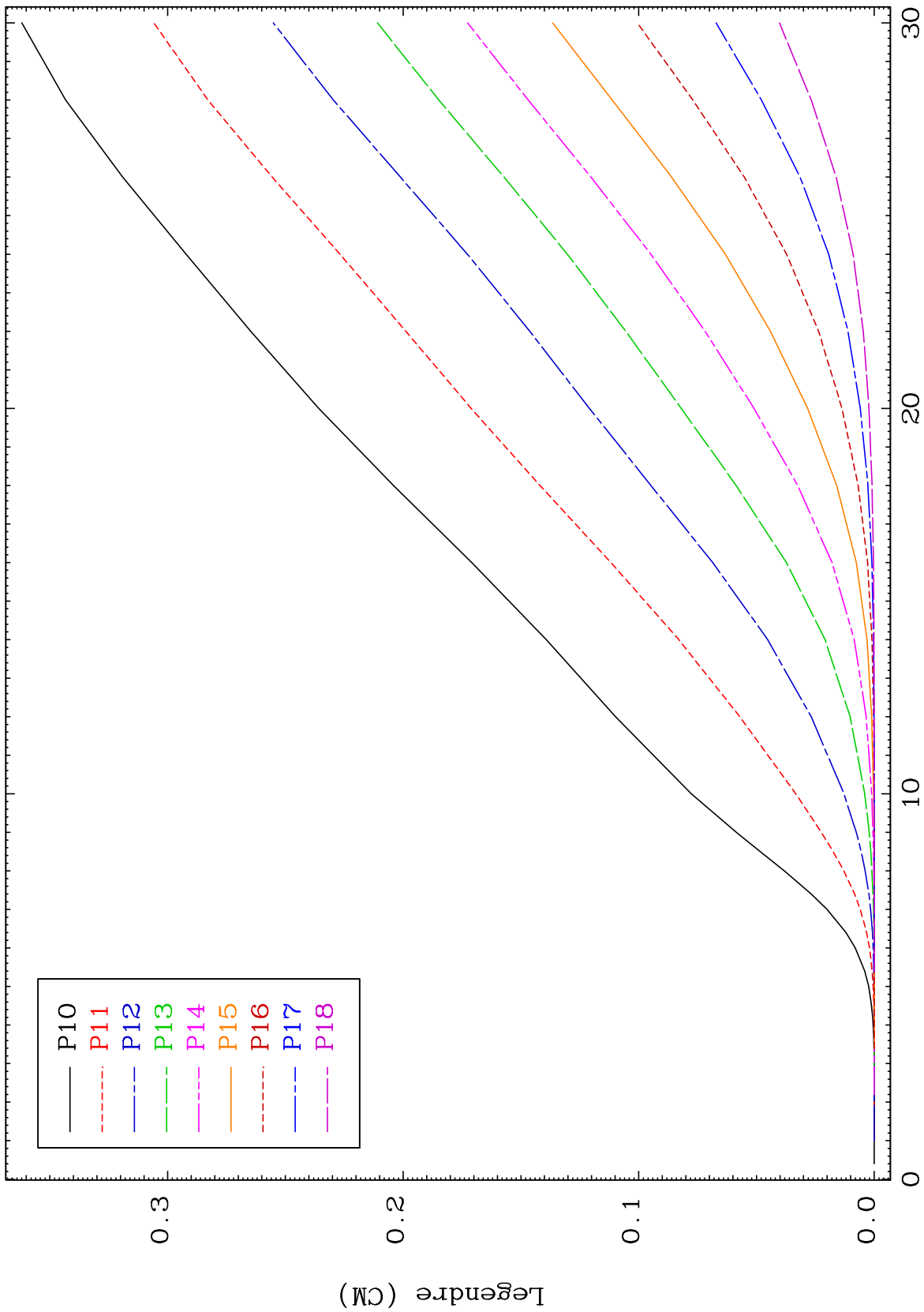
Incident Energy (MeV)

60-Nd-150

MAT 6049

Elastic Legendre Coefficients

60-Nd-150



17

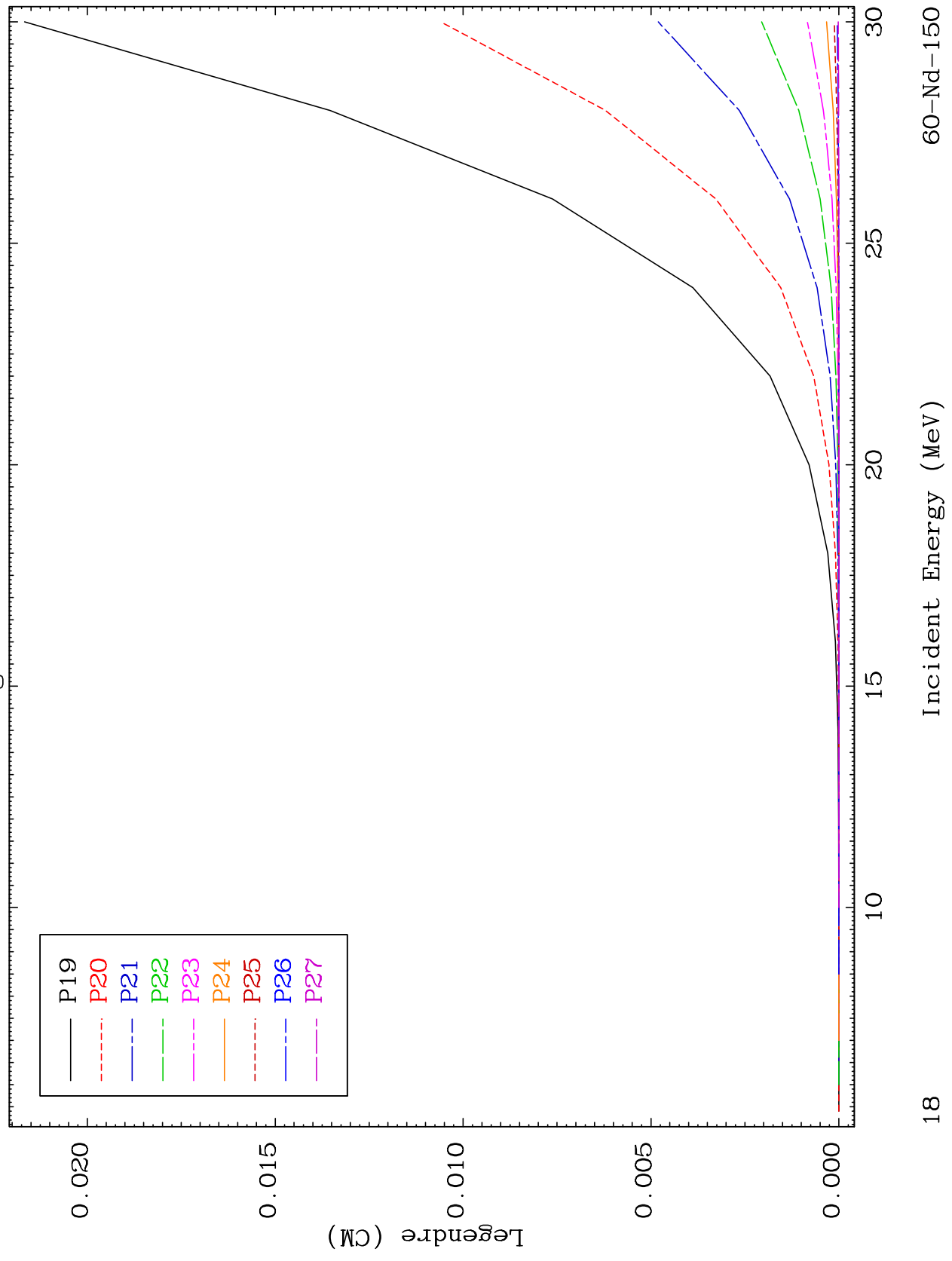
Incident Energy (MeV)

60-Nd-150

MAT 6049

Elastic Legendre Coefficients

60-Nd-150



18

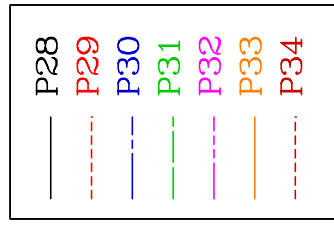
Incident Energy (MeV)

60-Nd-150

MAT 6049

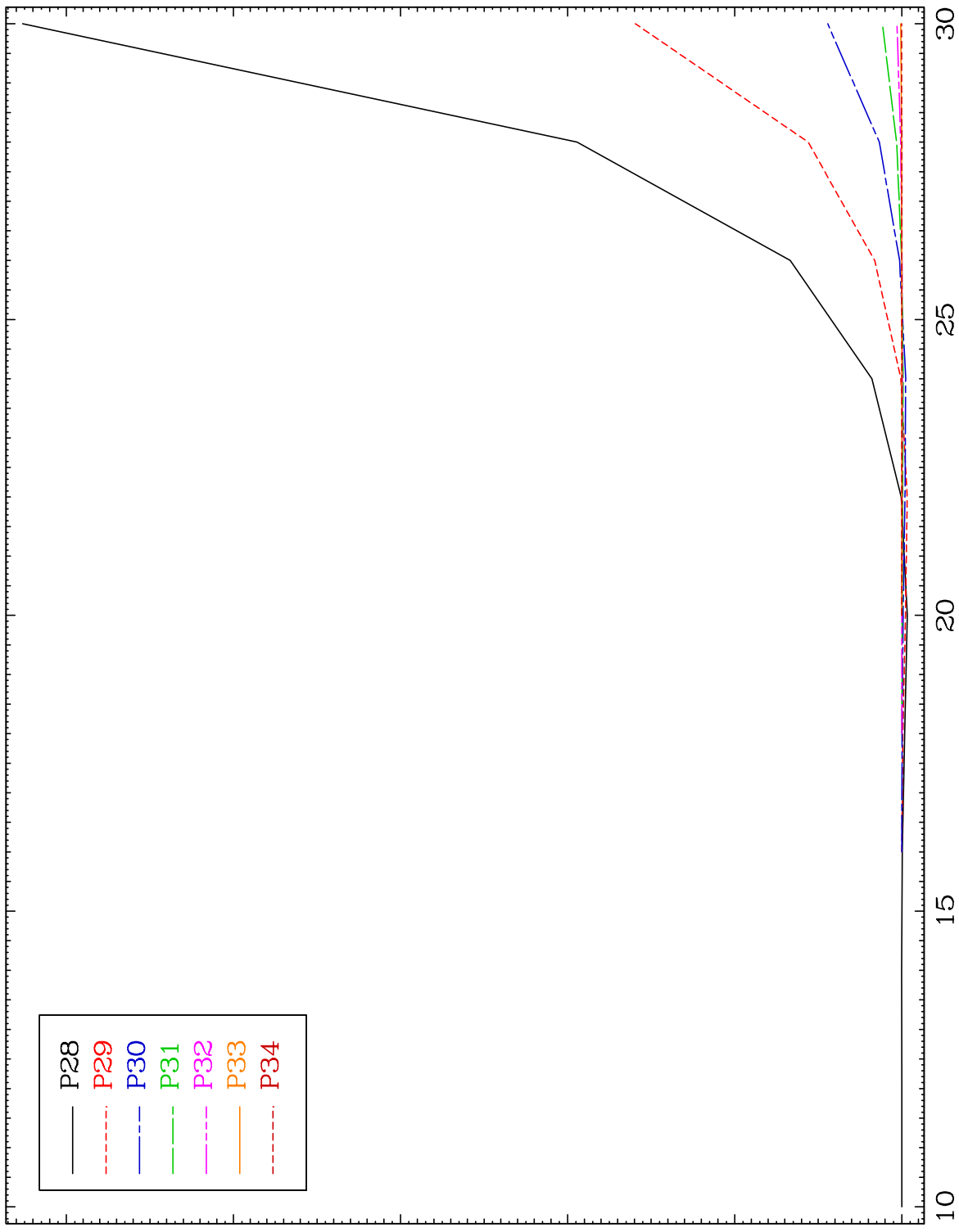
Elastic
Legendre Coefficients

60-Nd-150



$\times 10^{-65}$

Legendre (CM)

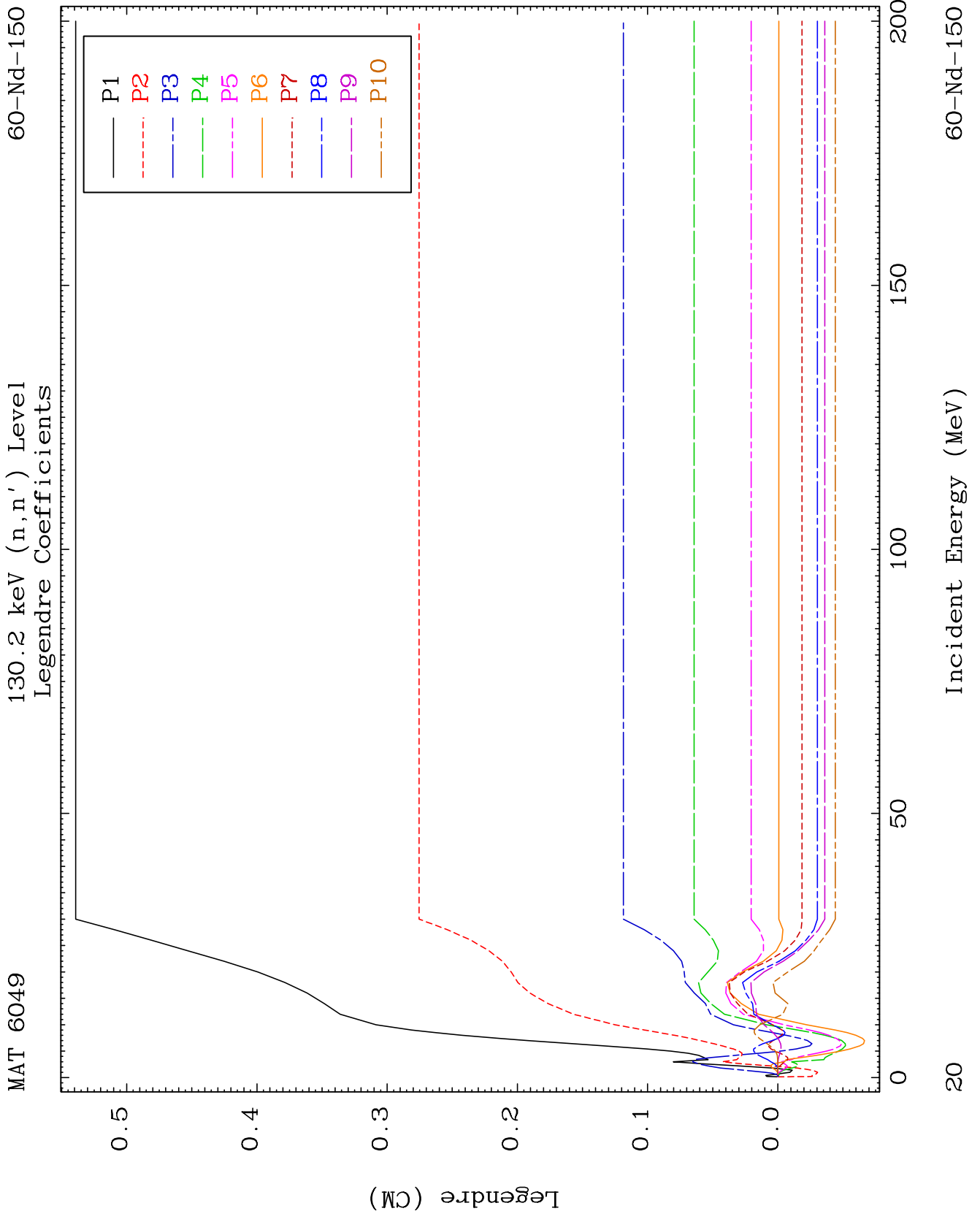


10

Incident Energy (MeV)

60-Nd-150

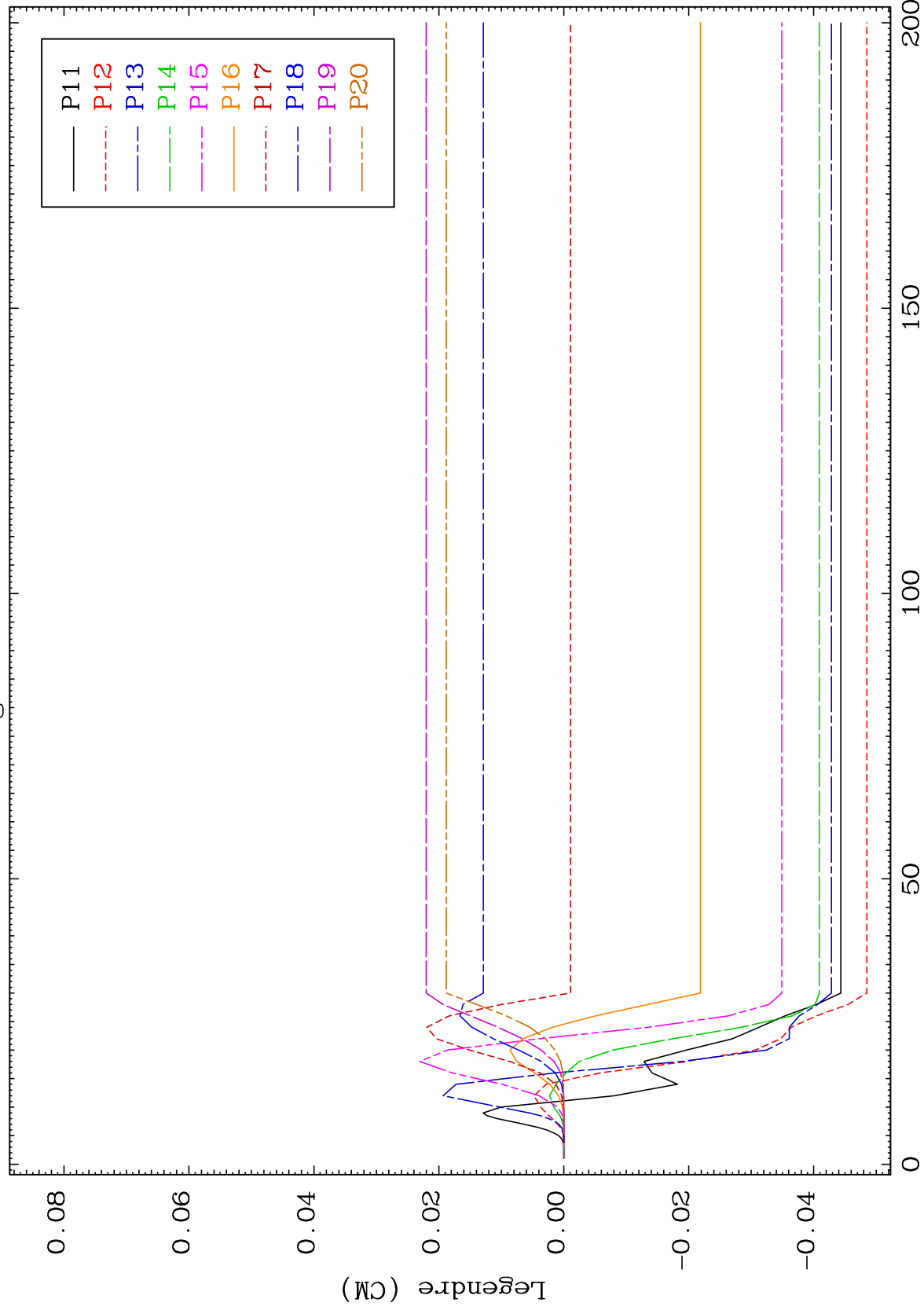
19



MAT 6049

130.2 keV (n,n') Level Legendre Coefficients

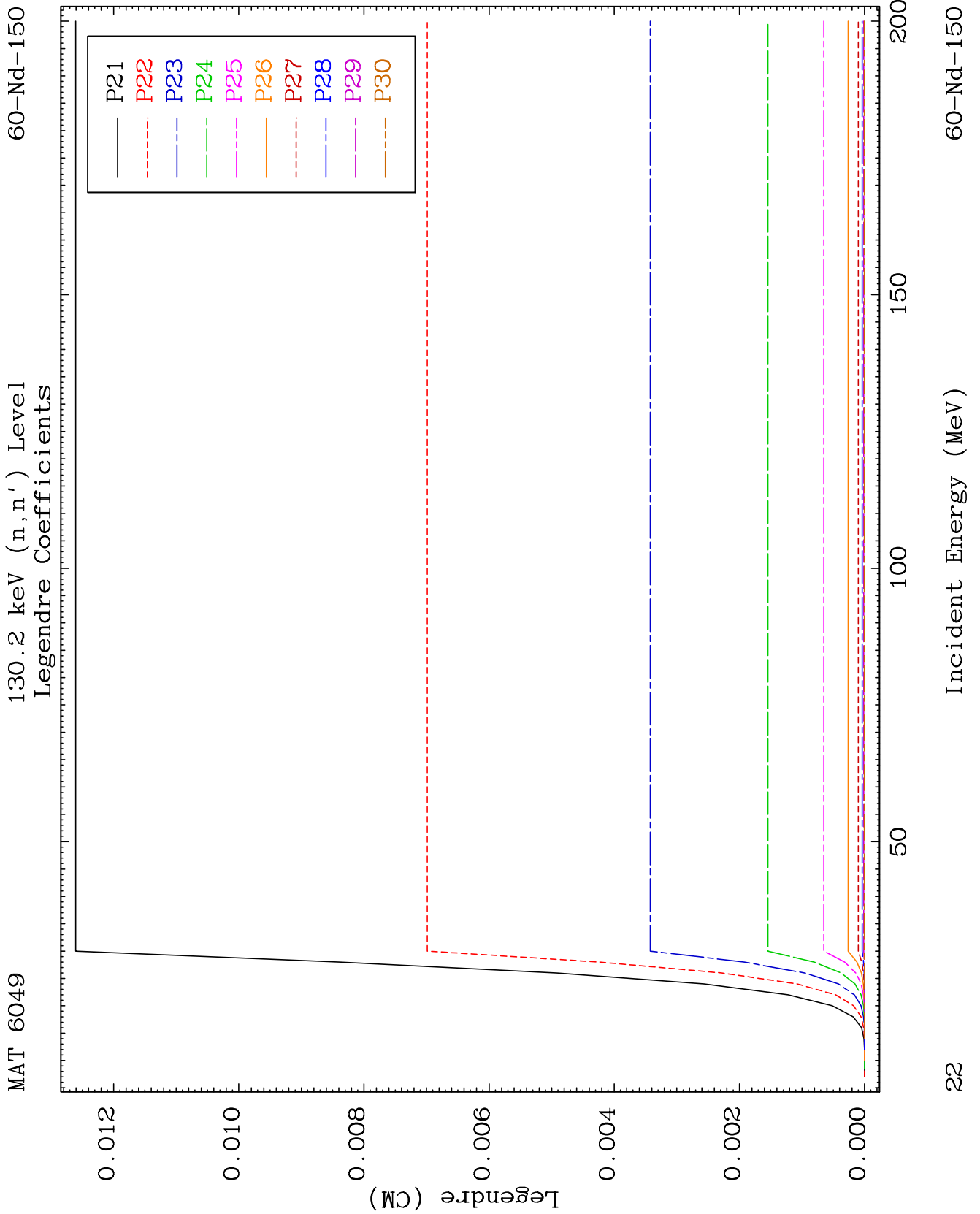
60-Nd-150

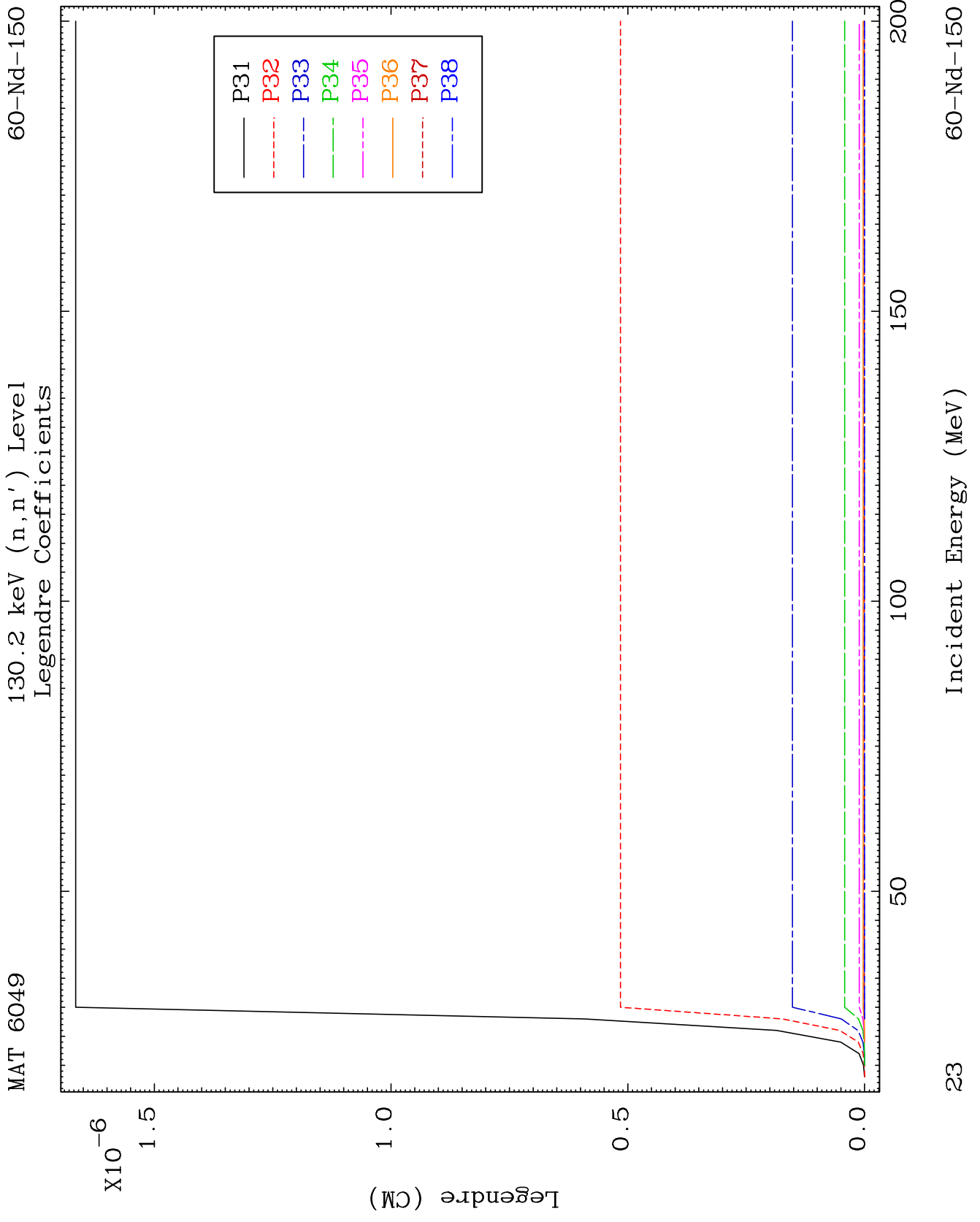


21

Incident Energy (MeV)

60-Nd-150

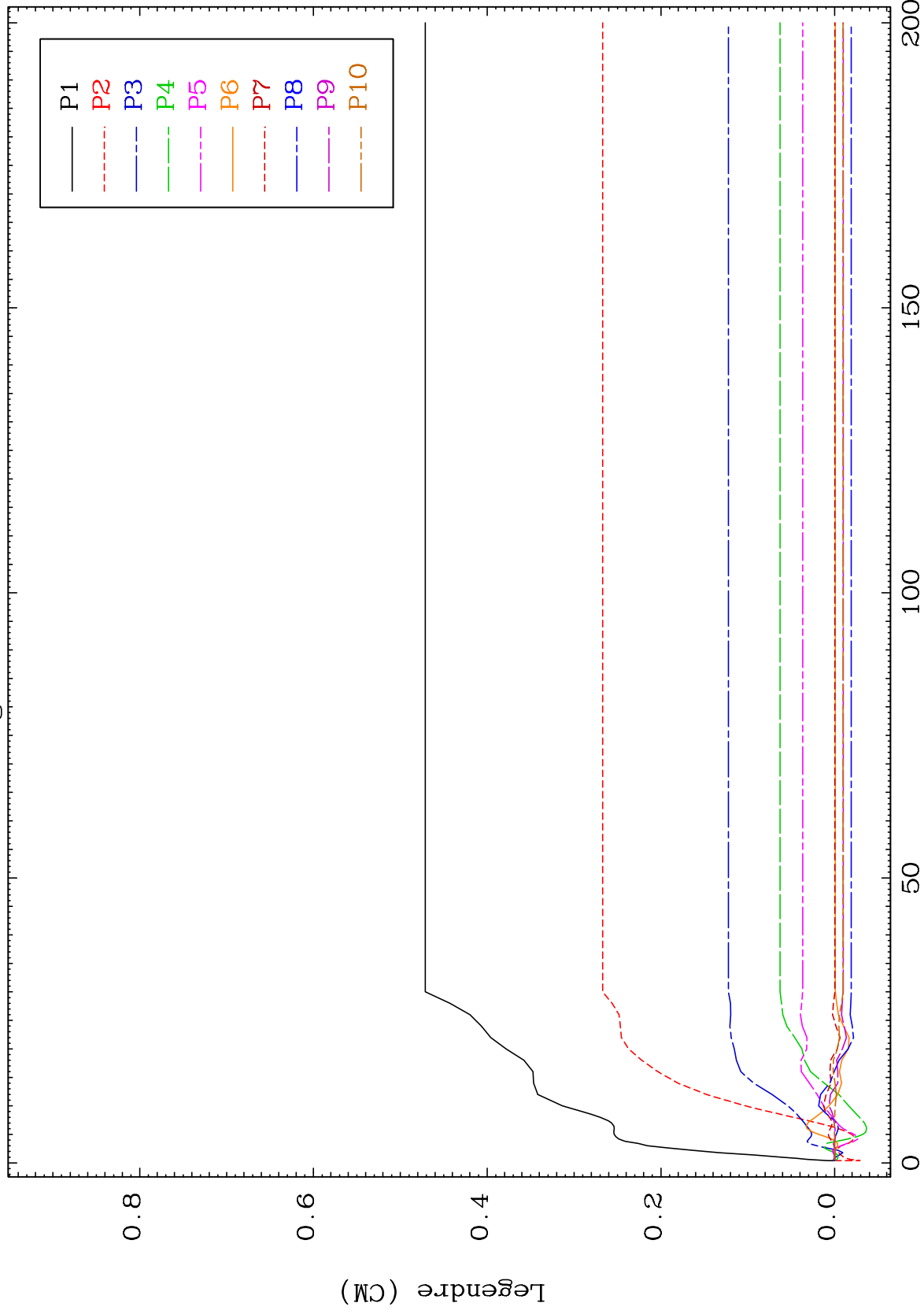




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381.1 keV (n,n') Level
Legendre Coefficients

60-Nd-150



24

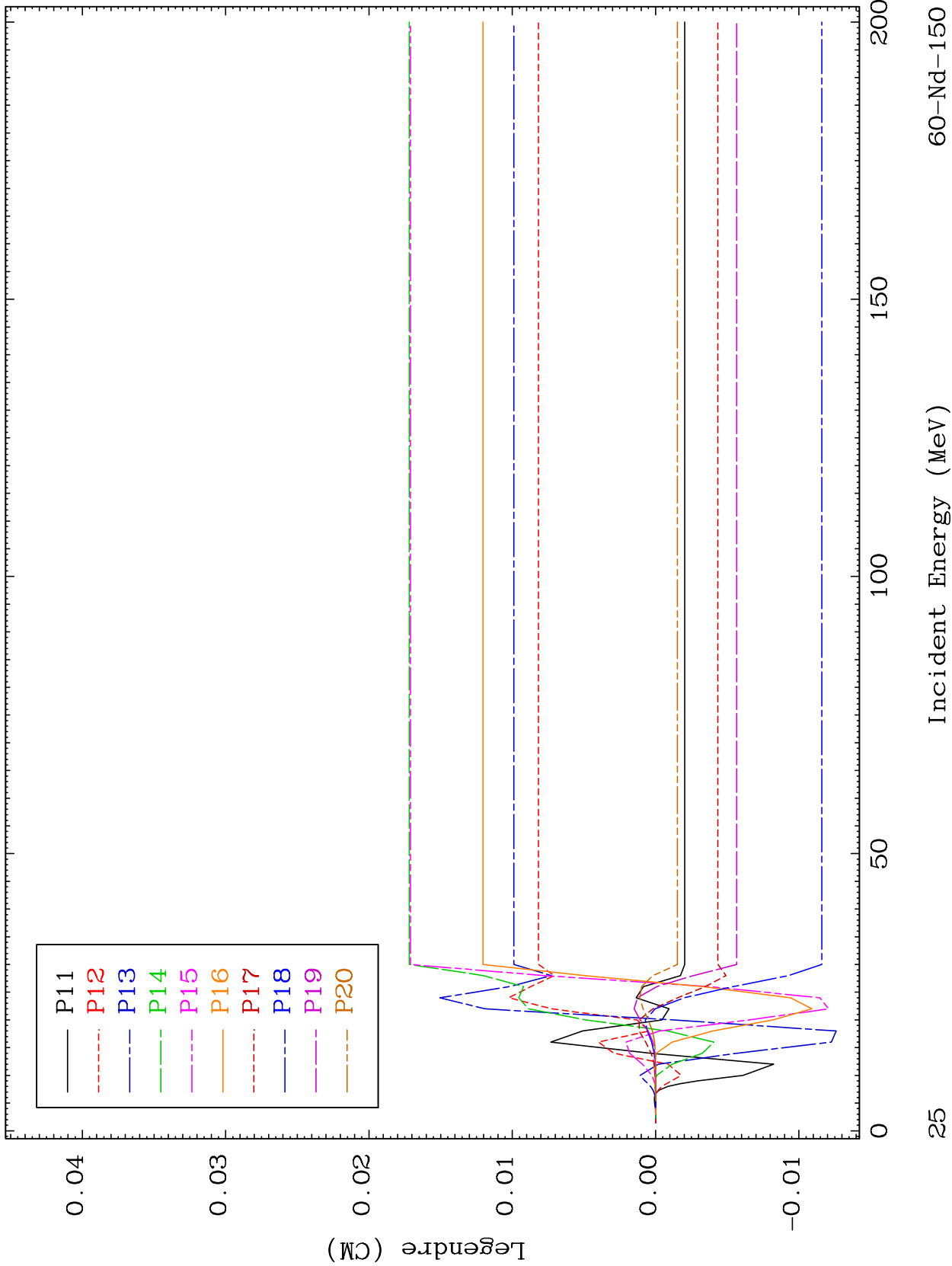
Incident Energy (MeV)

60-Nd-150

MAT 6049

381.1 keV (n,n') Level
Legendre Coefficients

60-Nd-150



60-Nd-150

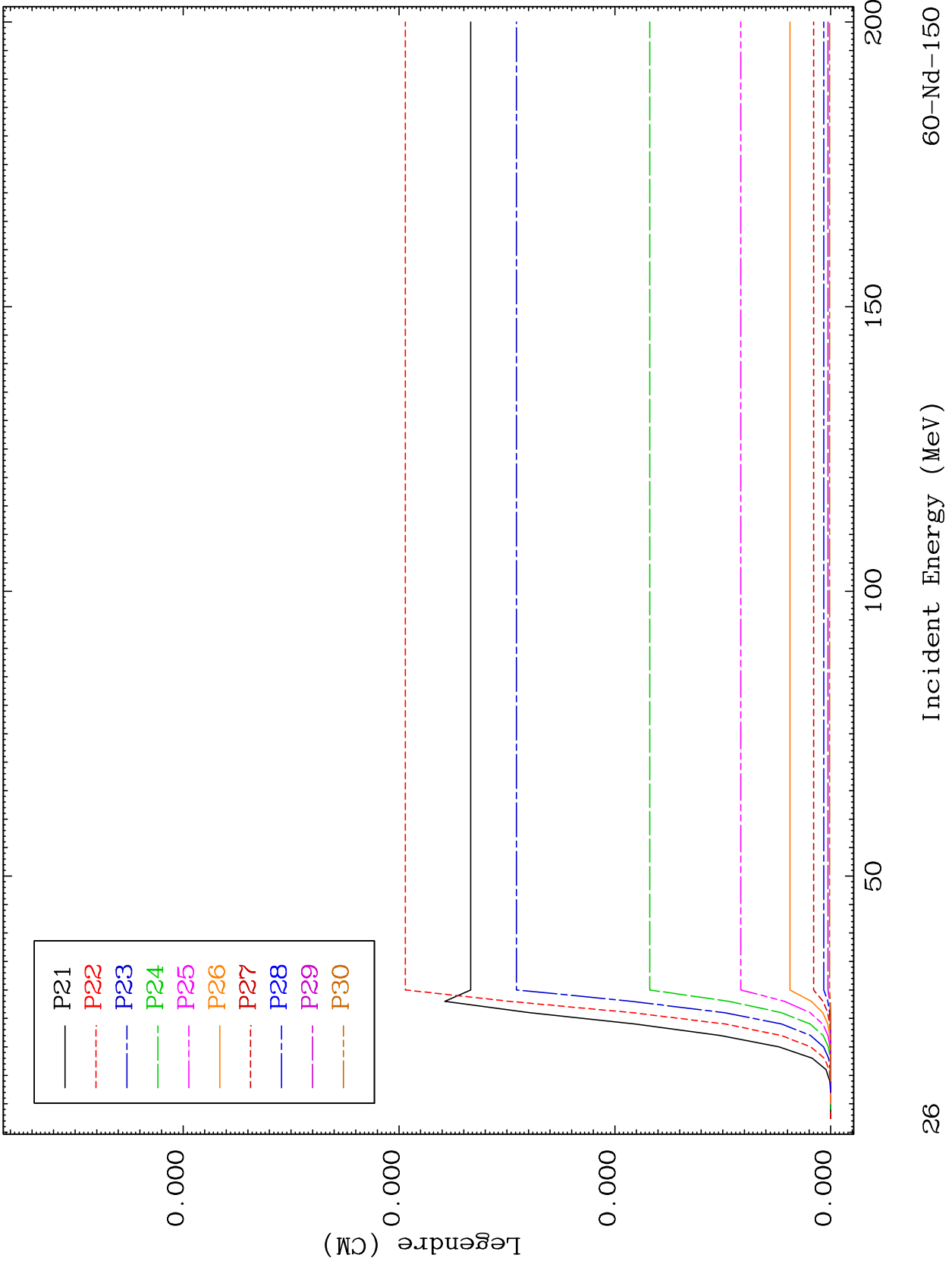
Incident Energy (MeV)

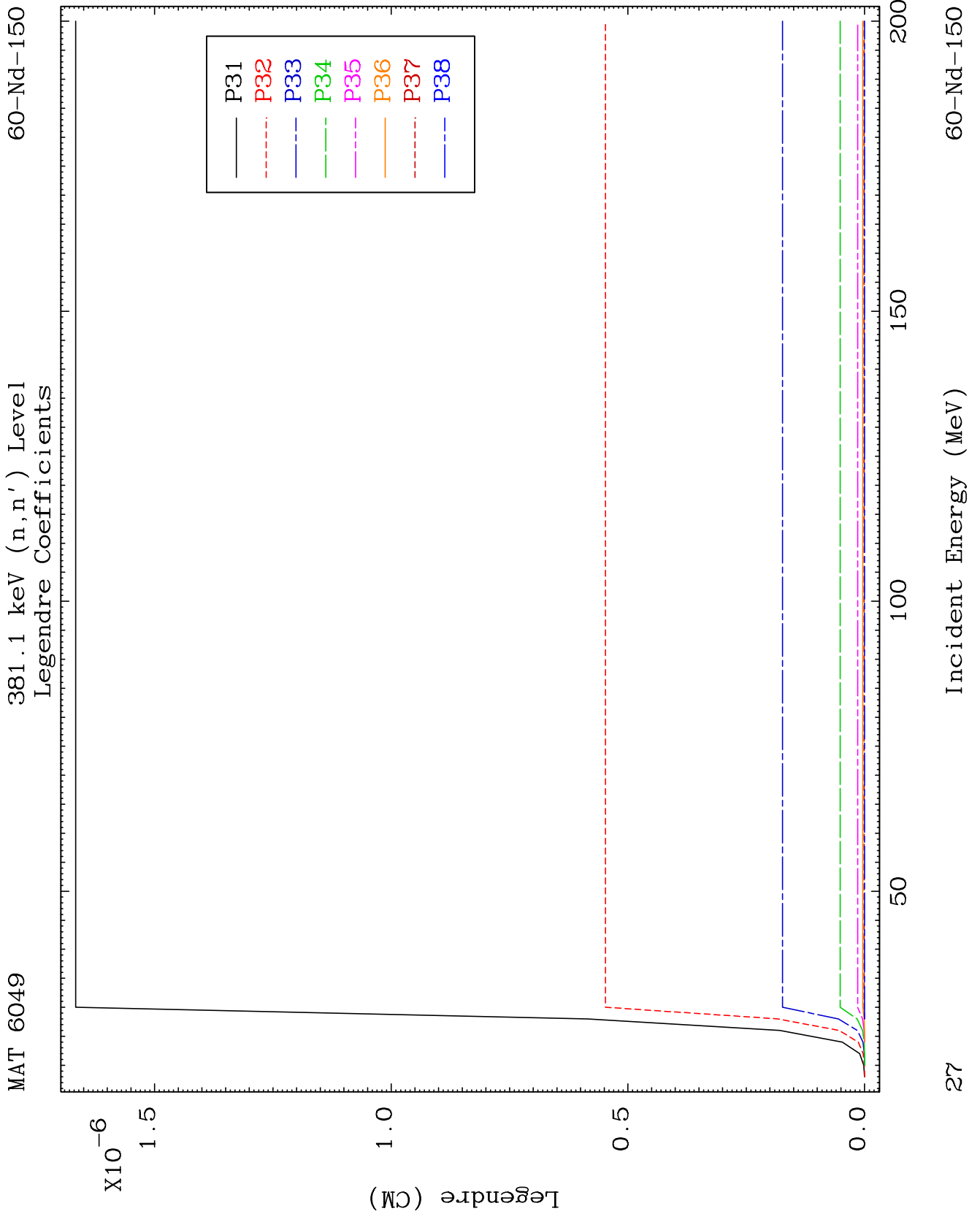
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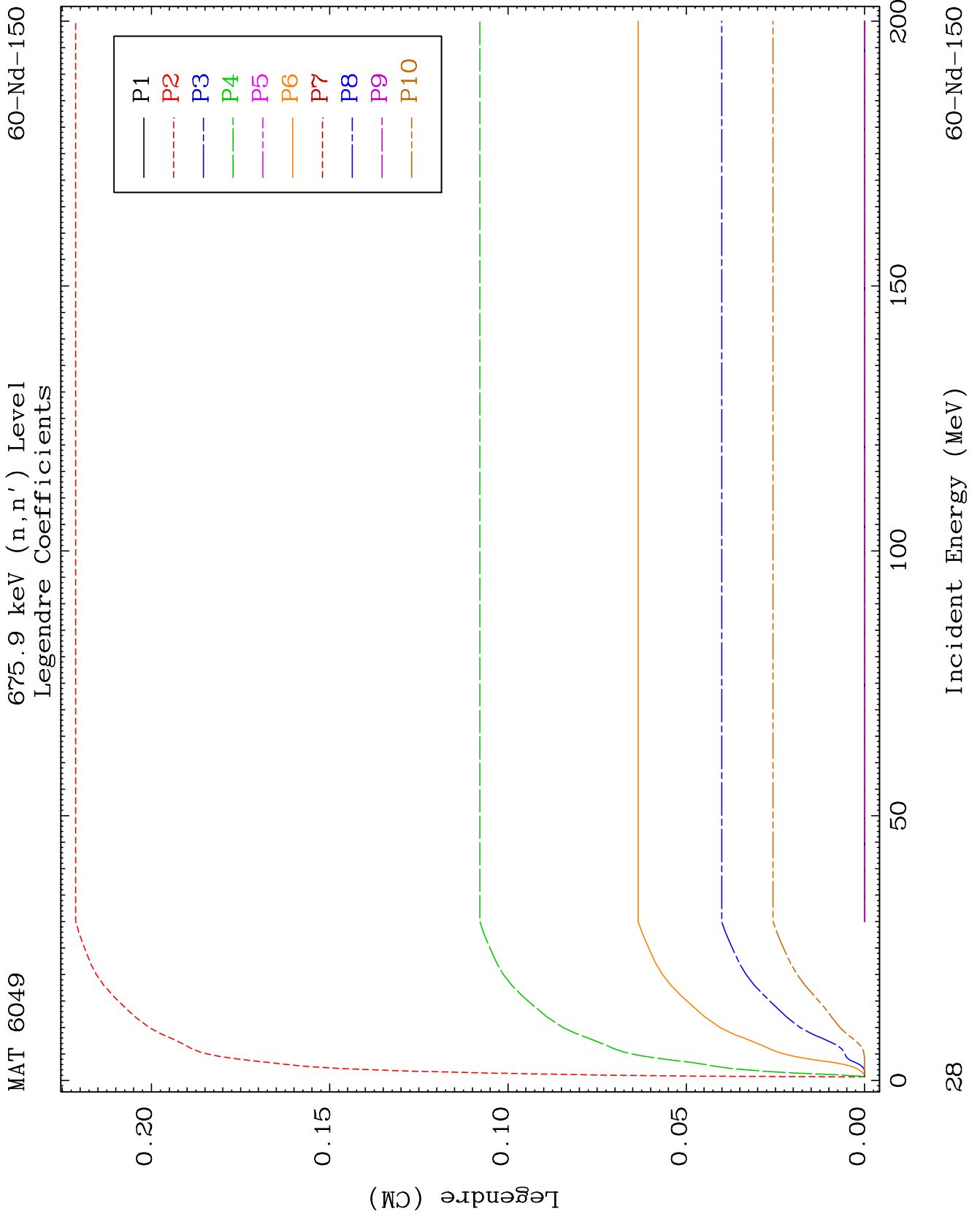
MAT 6049

381.1 keV (n,n') Level
Legendre Coefficients

60-Nd-150



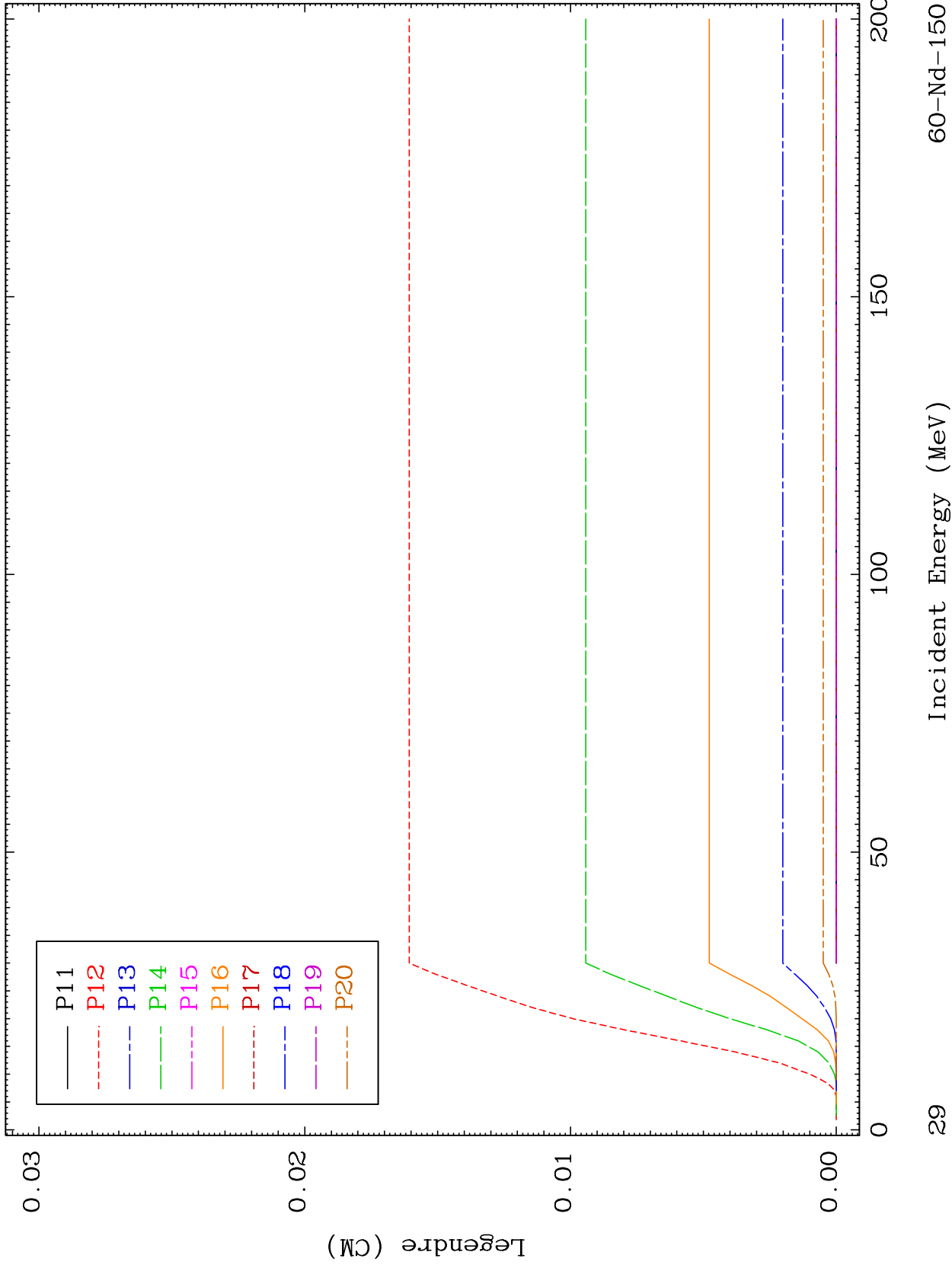




MAT 6049

675.9 keV (n,n') Level
Legendre Coefficients

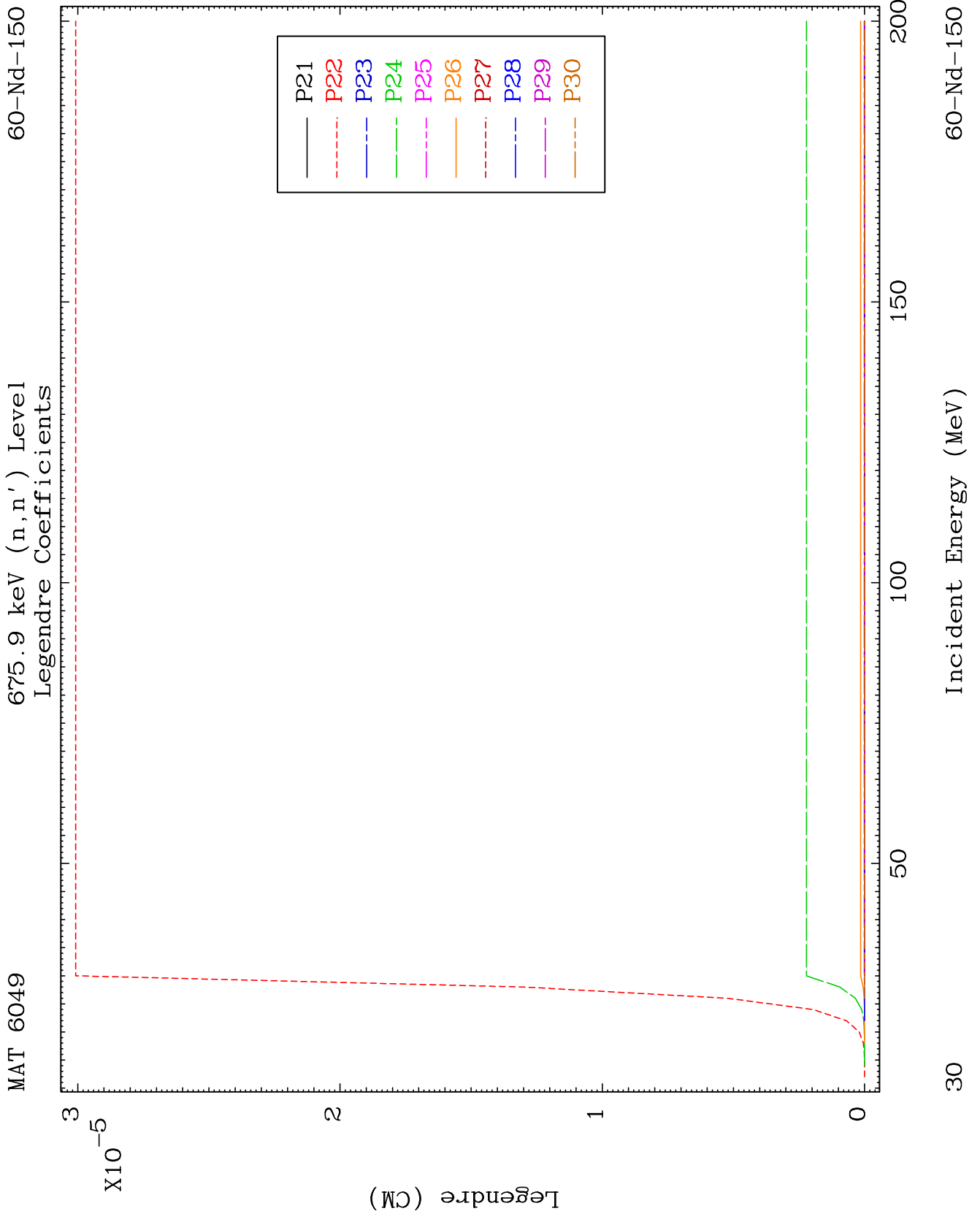
60-Nd-150

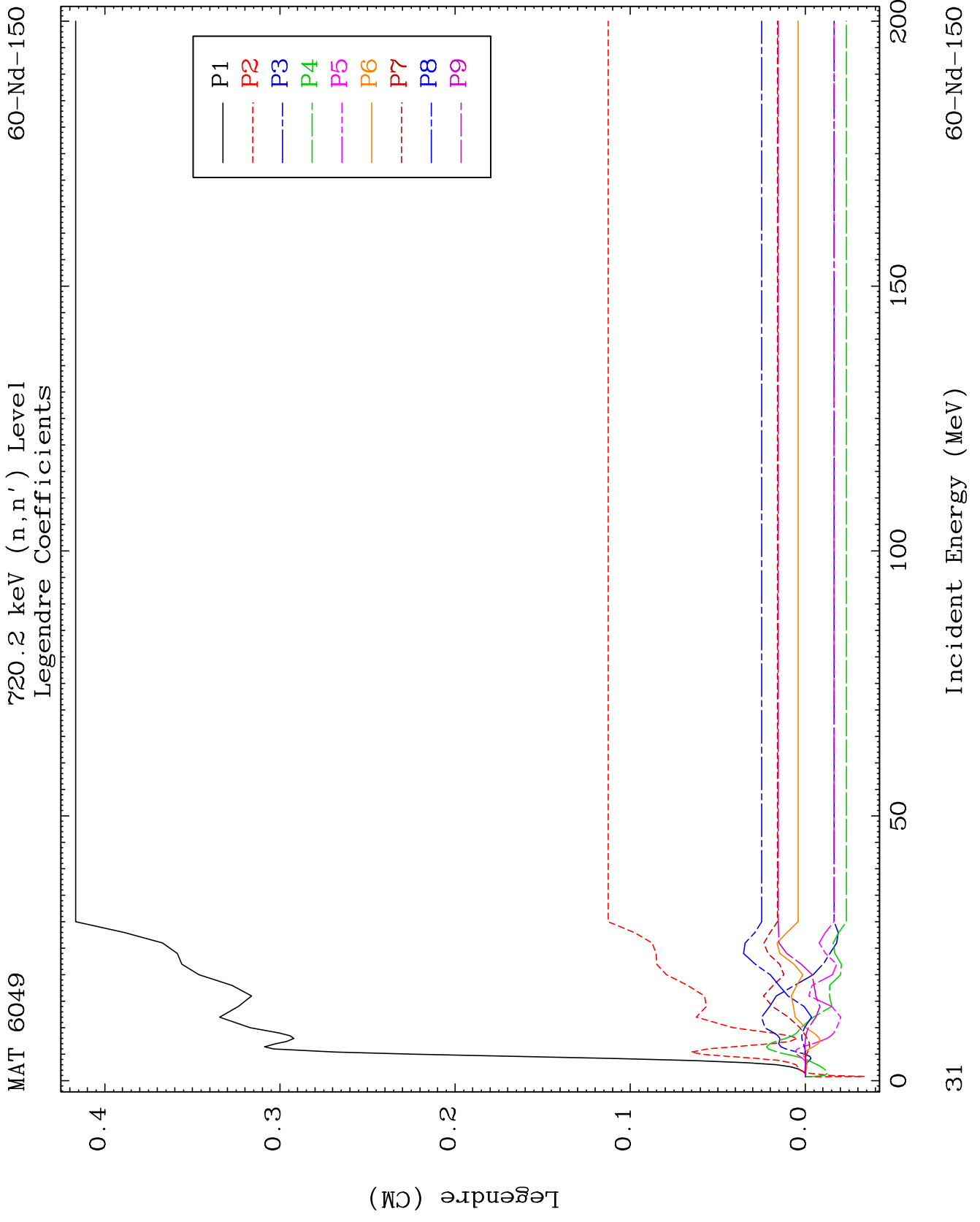


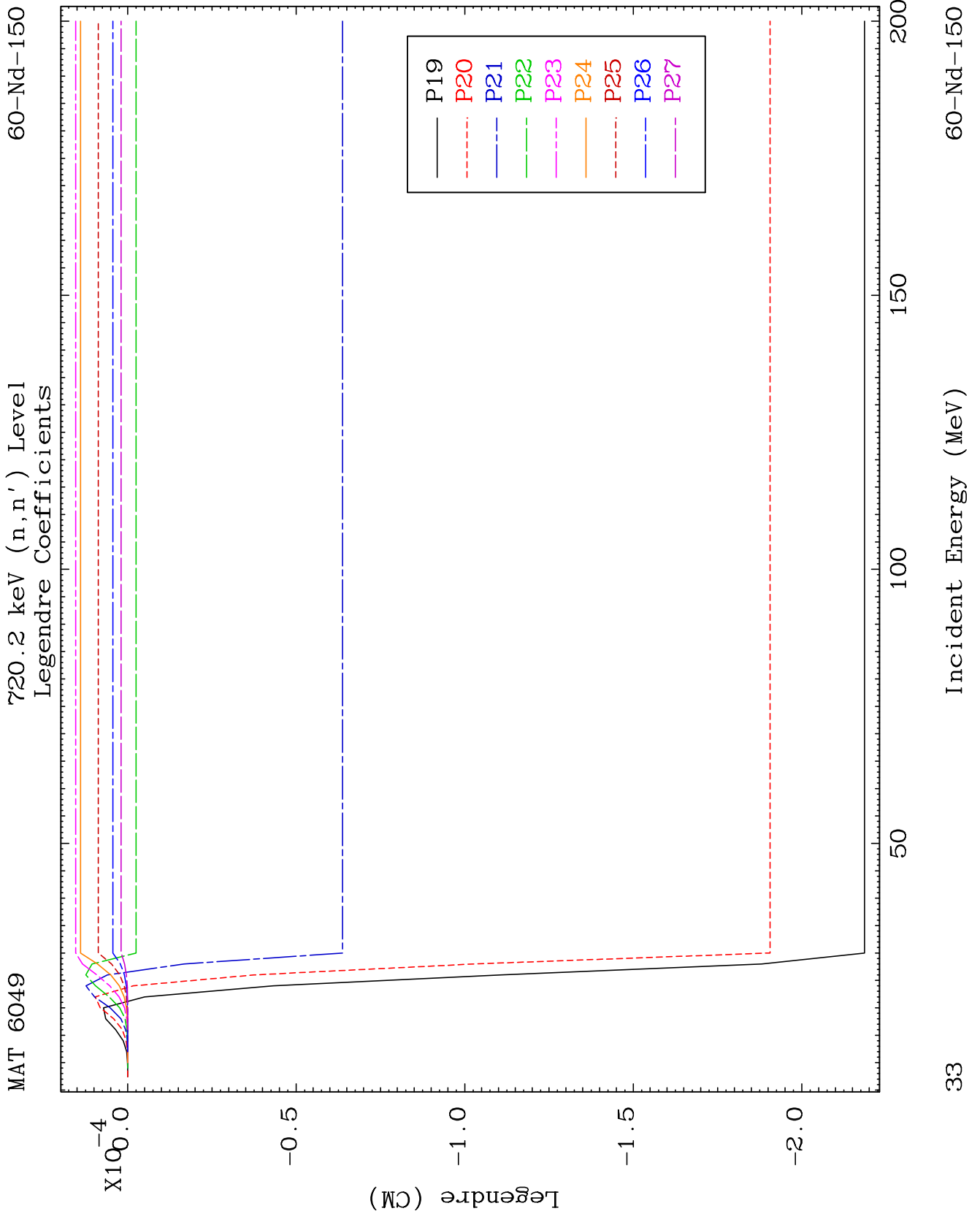
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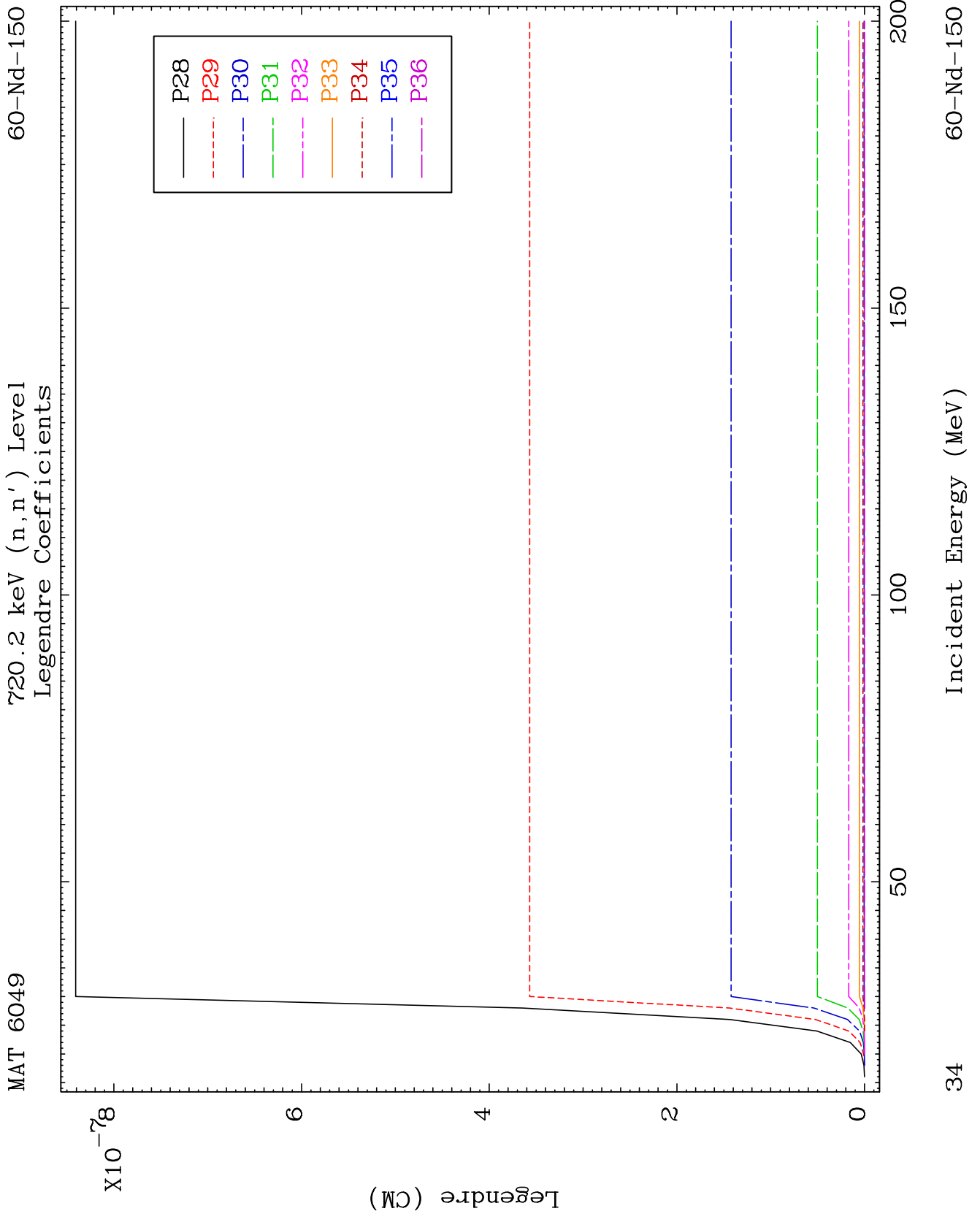
Incident Energy (MeV)

60-Nd-150





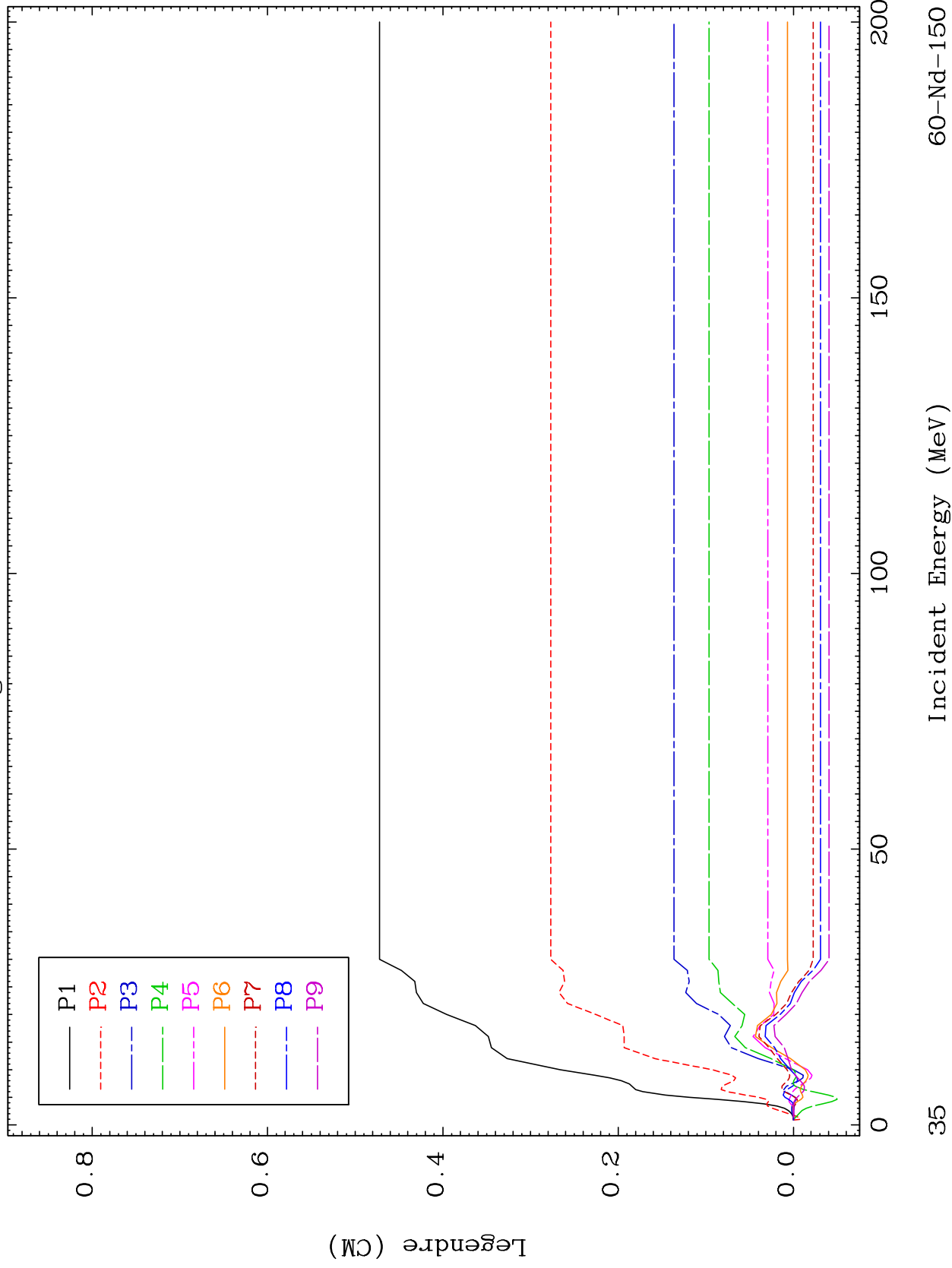




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850.7 keV (n,n') Level
Legendre Coefficients

60-Nd-150



60-Nd-150

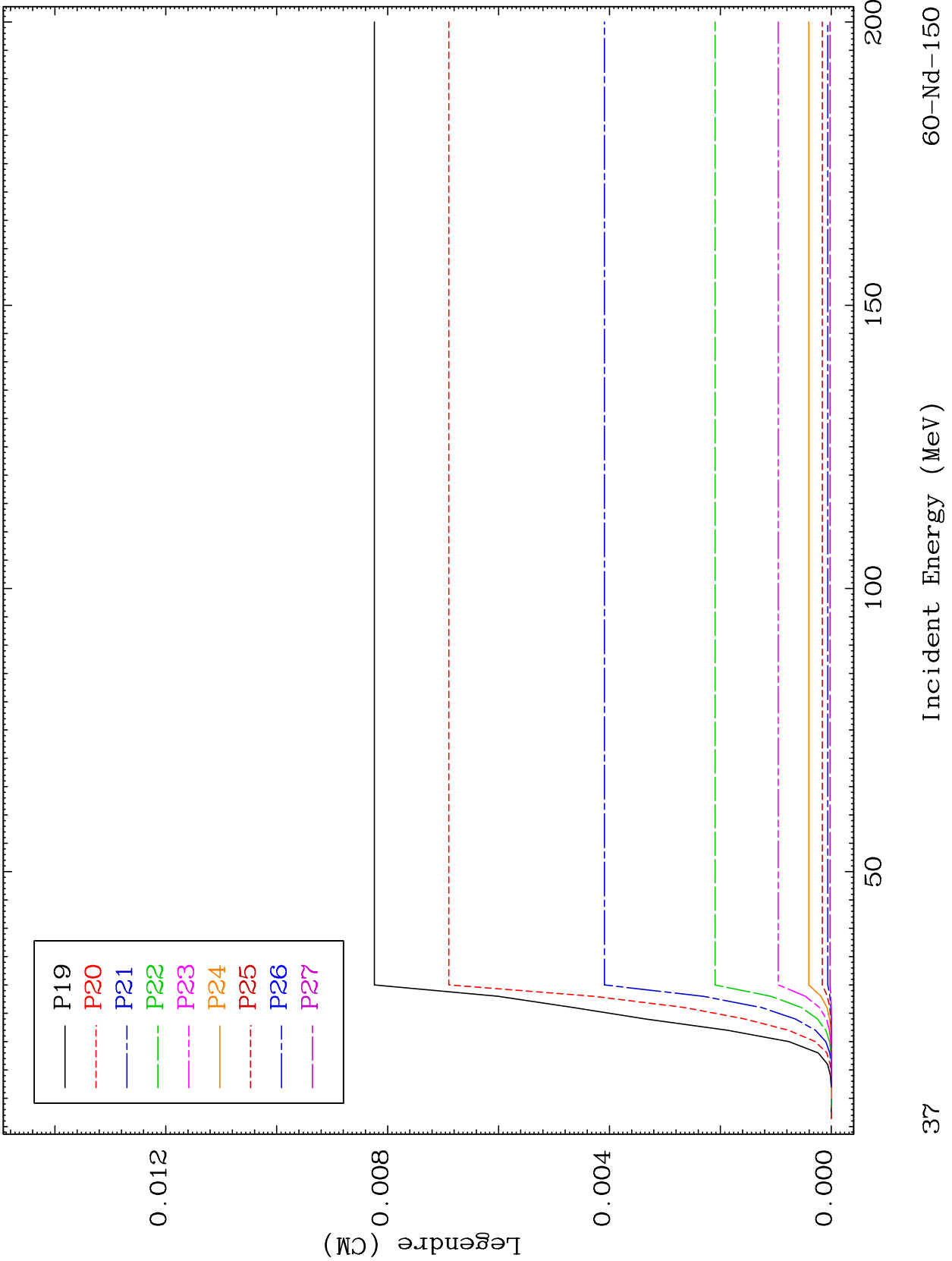
Incident Energy (MeV)

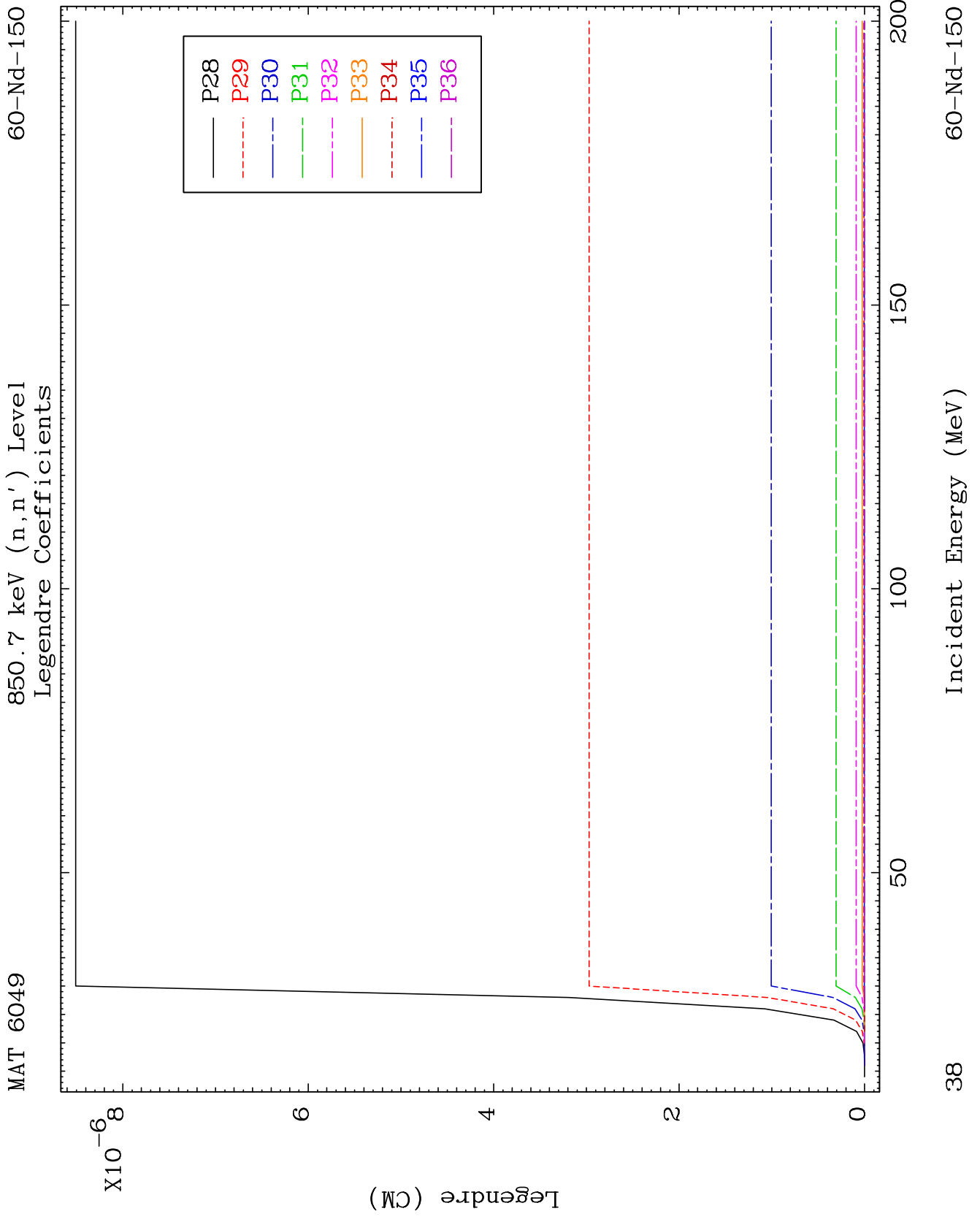
35

MAT 6049

850.7 keV (n,n') Level
Legendre Coefficients

60-Nd-150

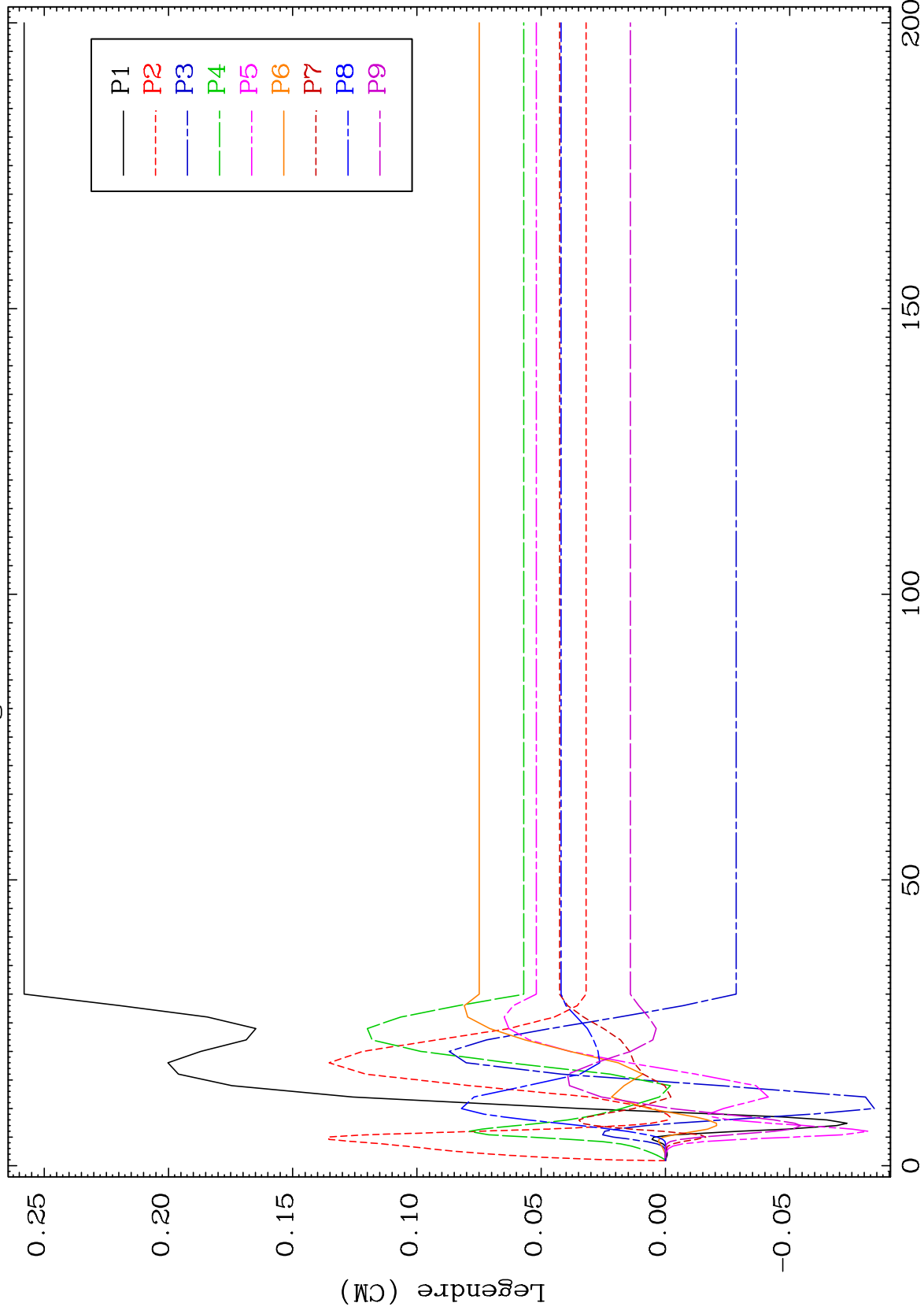




MAT 6049

852.9 keV (n,n') Level
Legendre Coefficients

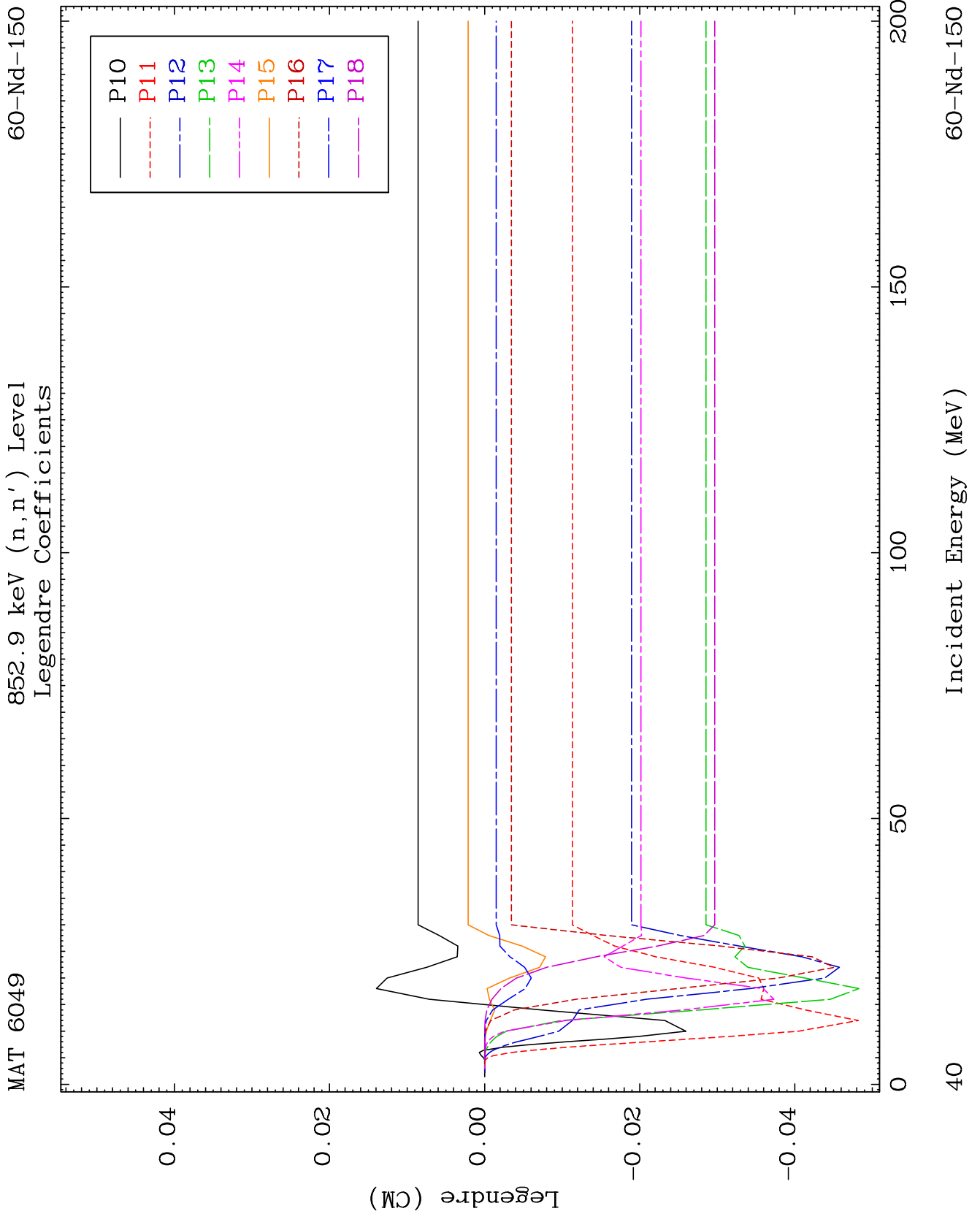
60-Nd-150



39

Incident Energy (MeV)

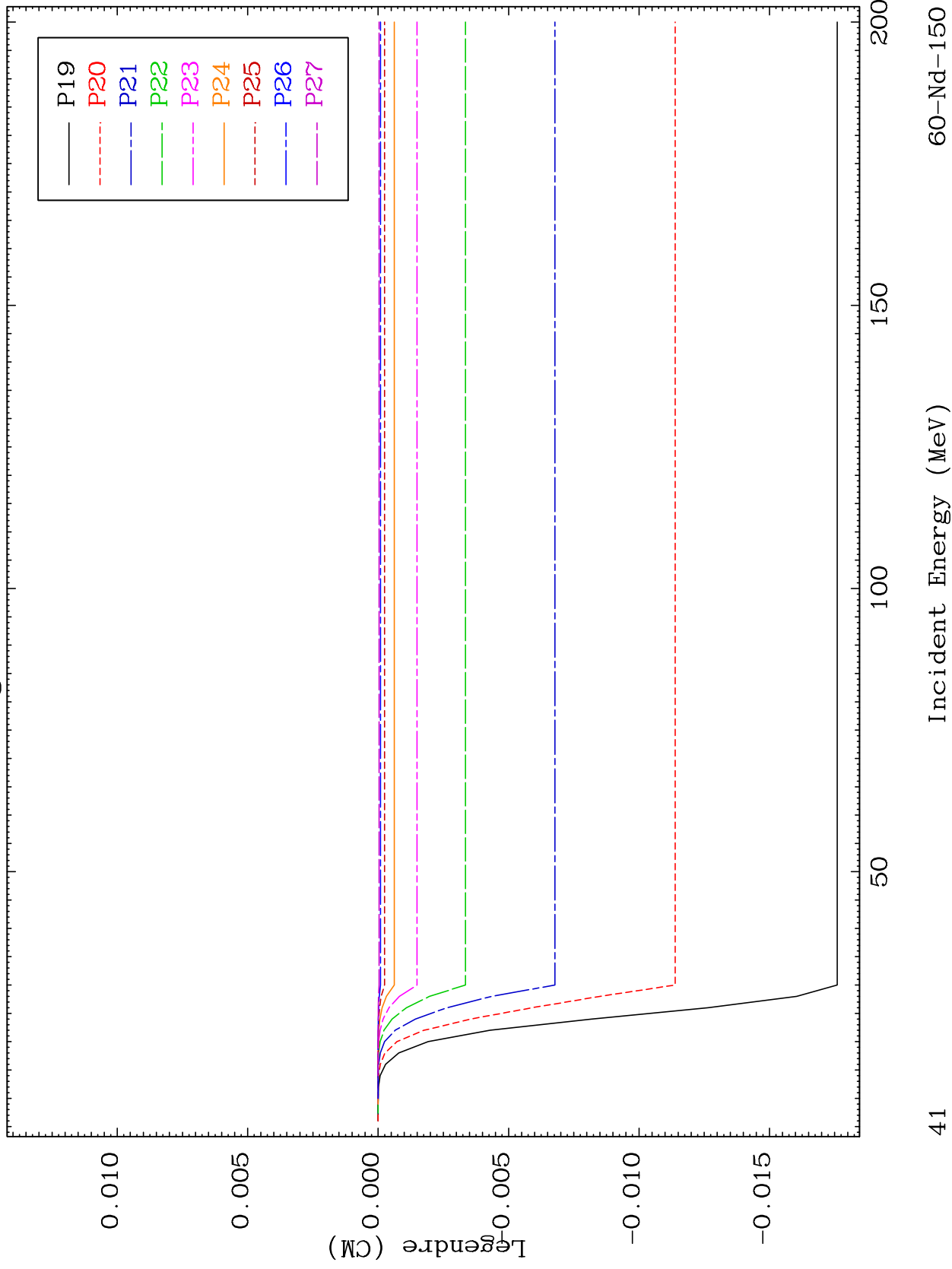
60-Nd-150



MAT 6049

852.9 keV (n,n') Level
Legendre Coefficients

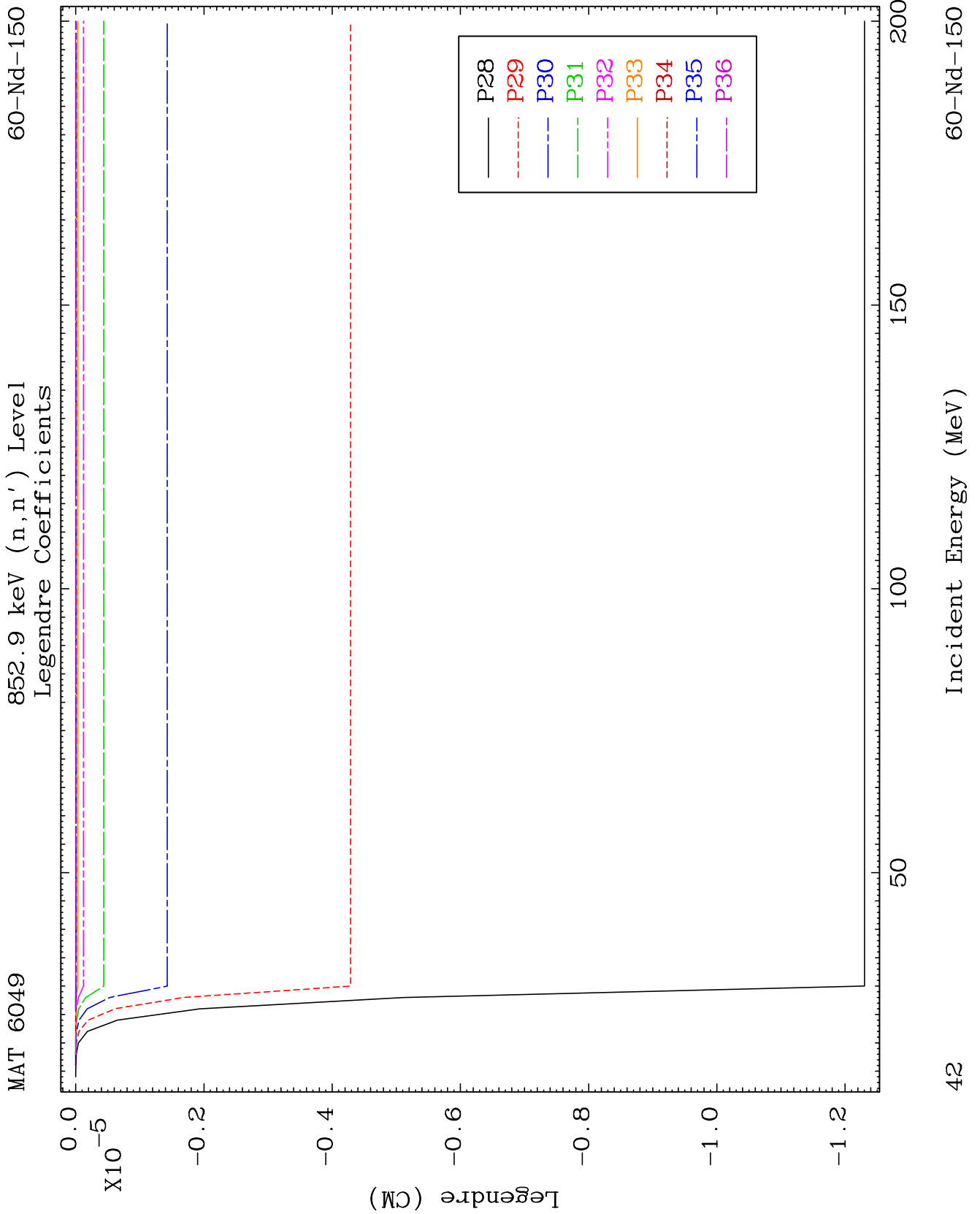
60-Nd-150



41

Incident Energy (MeV)

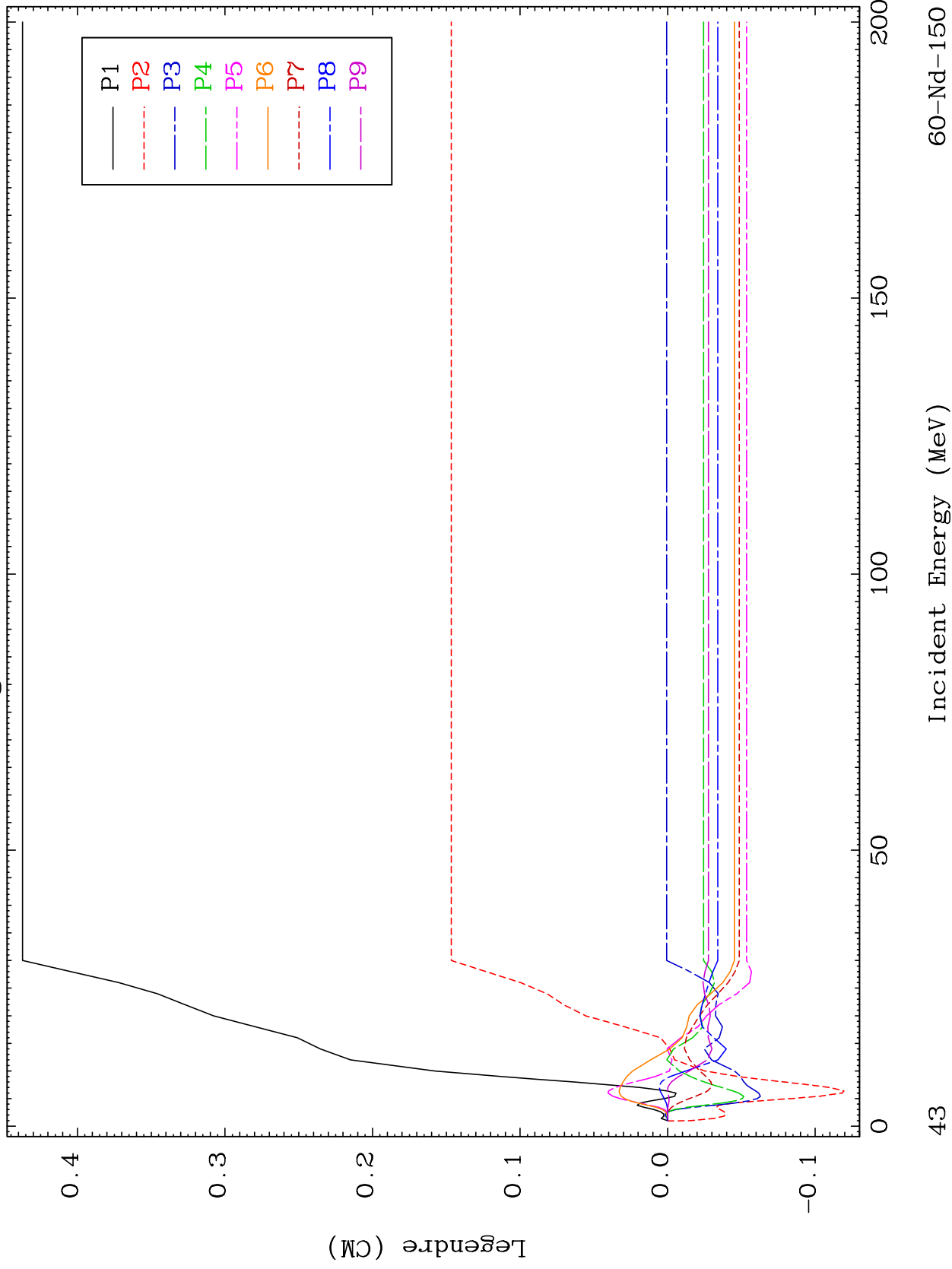
60-Nd-150



MAT 6049

934.5 keV (n,n') Level
Legendre Coefficients

60-Nd-150



60-Nd-150

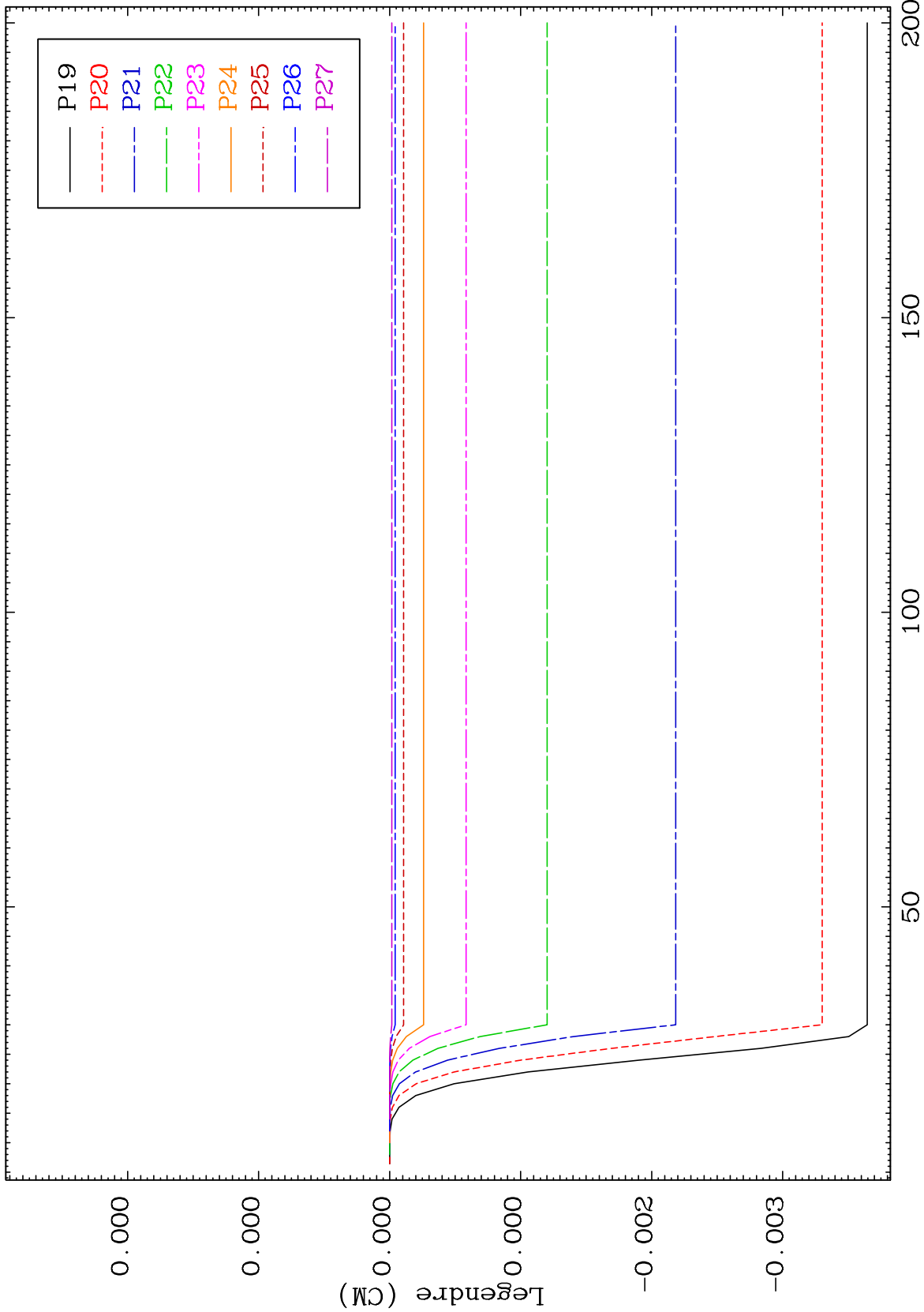
Incident Energy (MeV)

43

MAT 6049

934.5 keV (n,n') Level
Legendre Coefficients

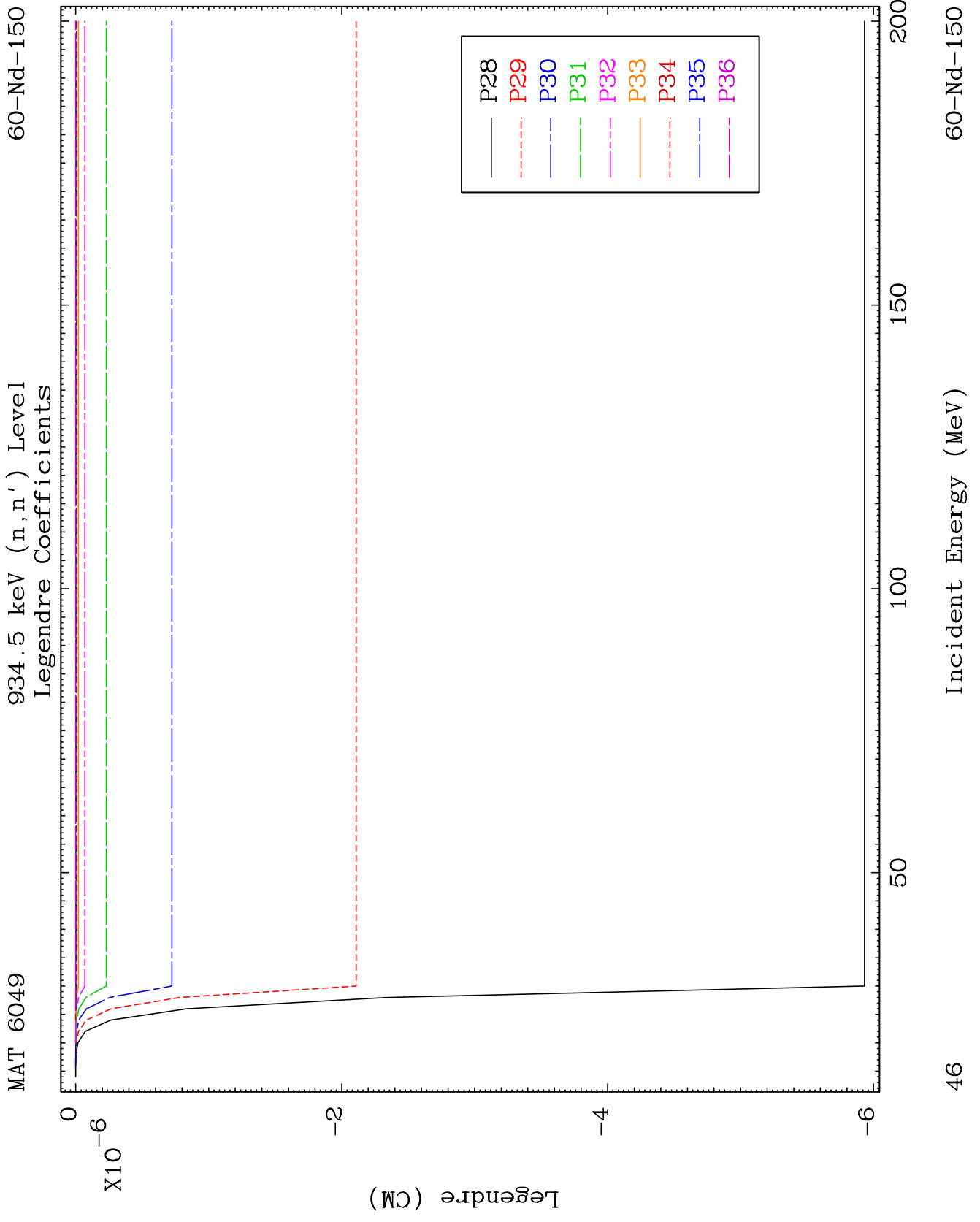
60-Nd-150



45

Incident Energy (MeV)

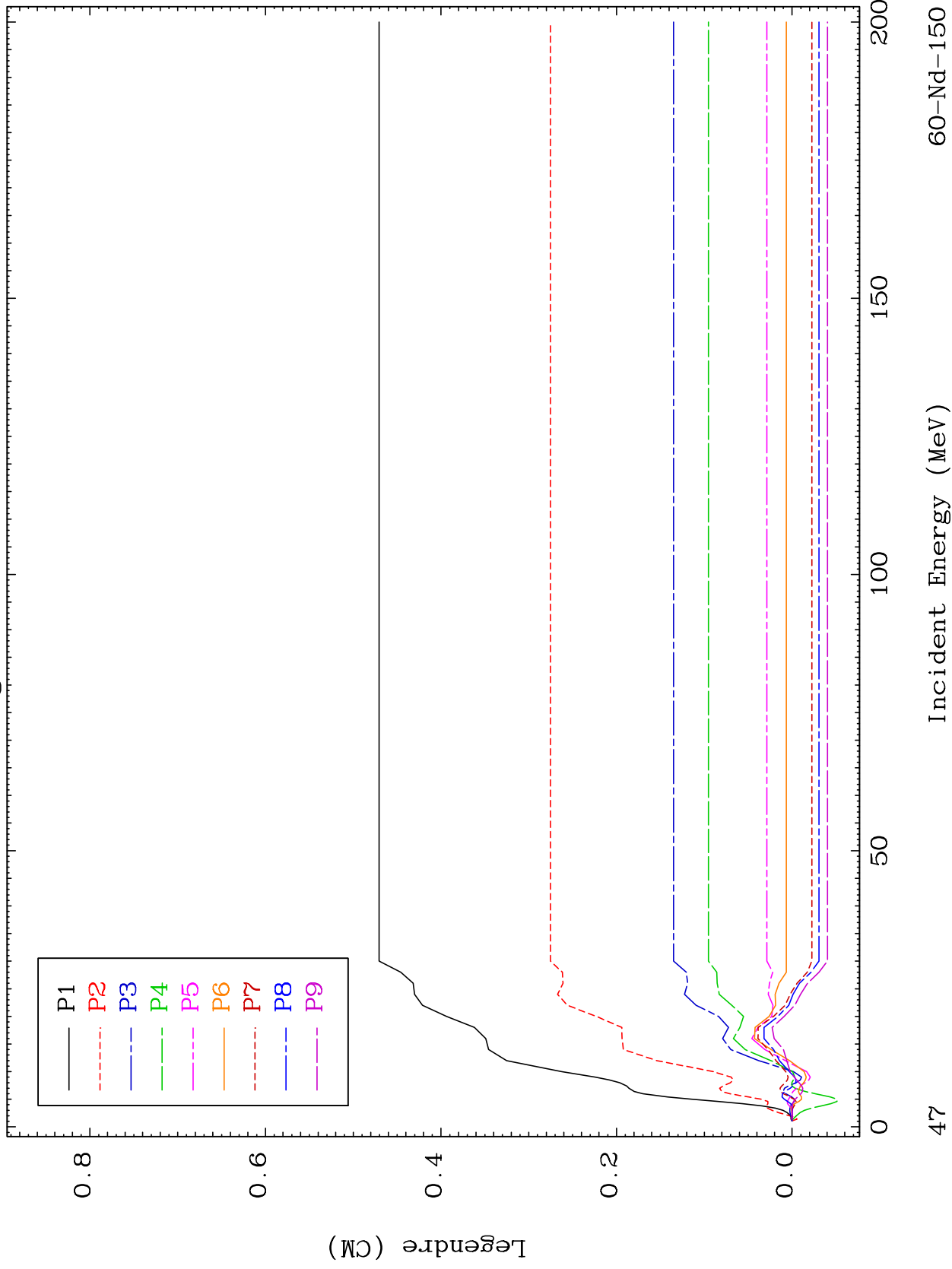
60-Nd-150



MAT 6049

1.062 MeV (n,n') Level
Legendre Coefficients

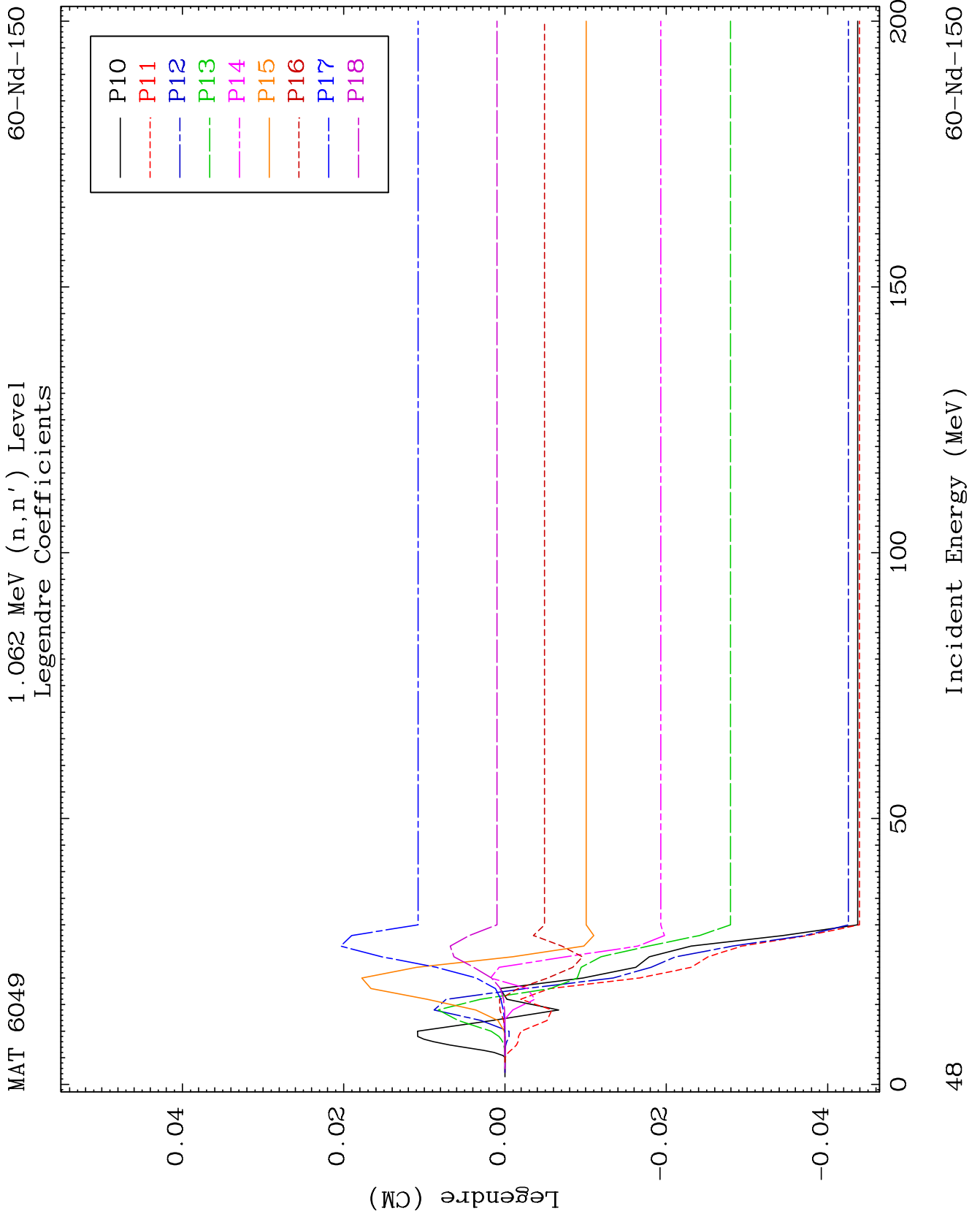
60-Nd-150



60-Nd-150

Incident Energy (MeV)

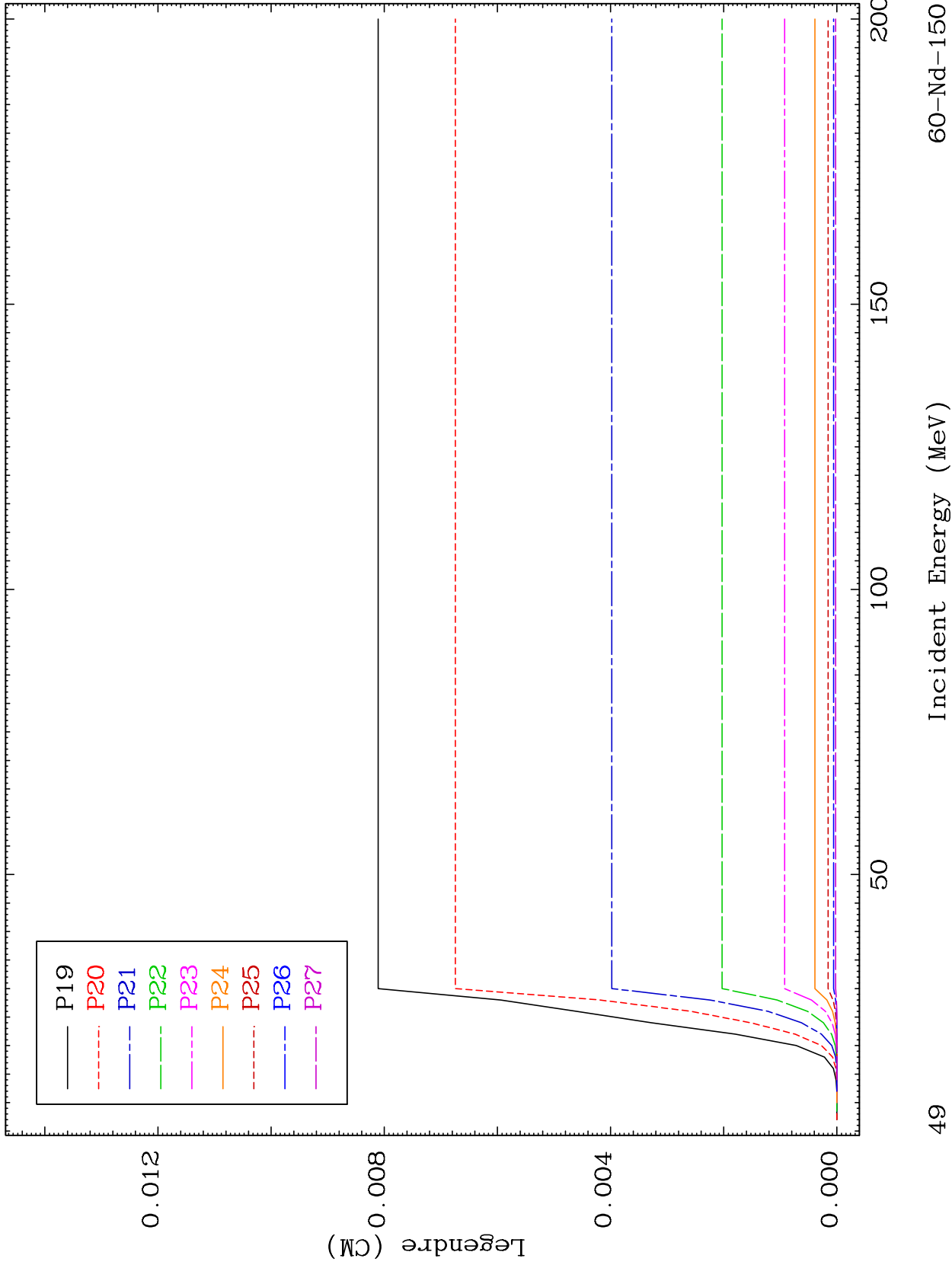
47



MAT 6049

1.062 MeV (n,n') Level
Legendre Coefficients

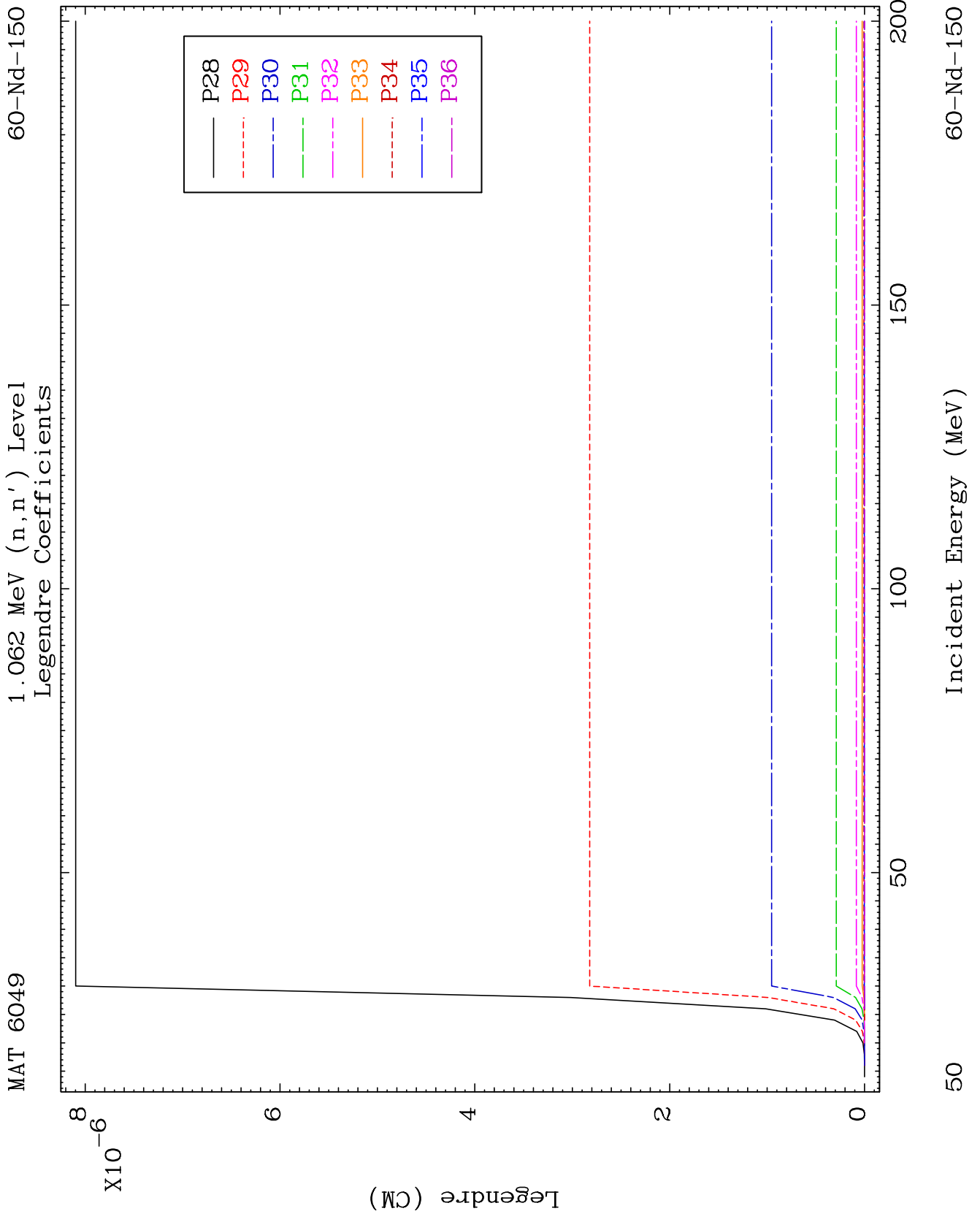
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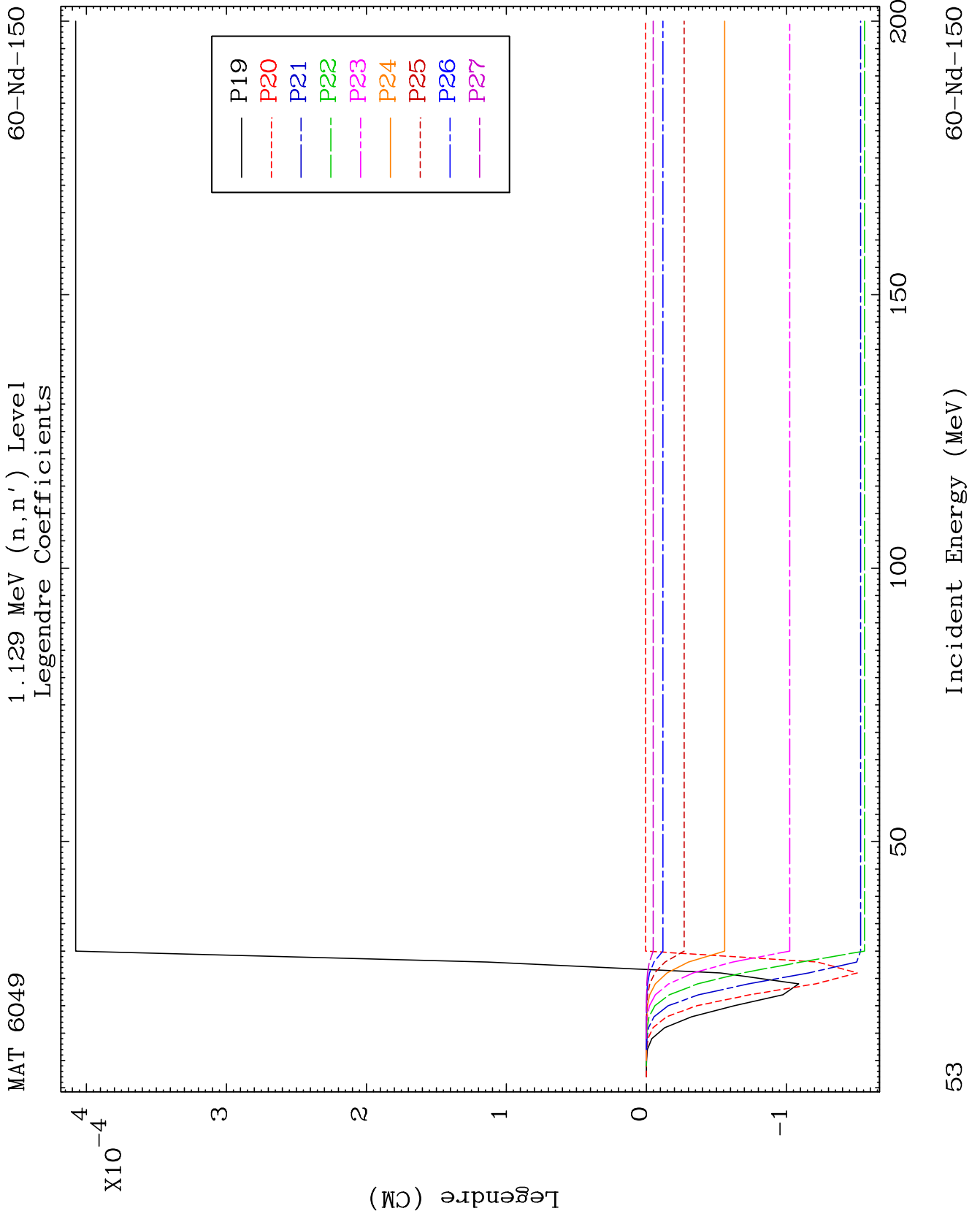


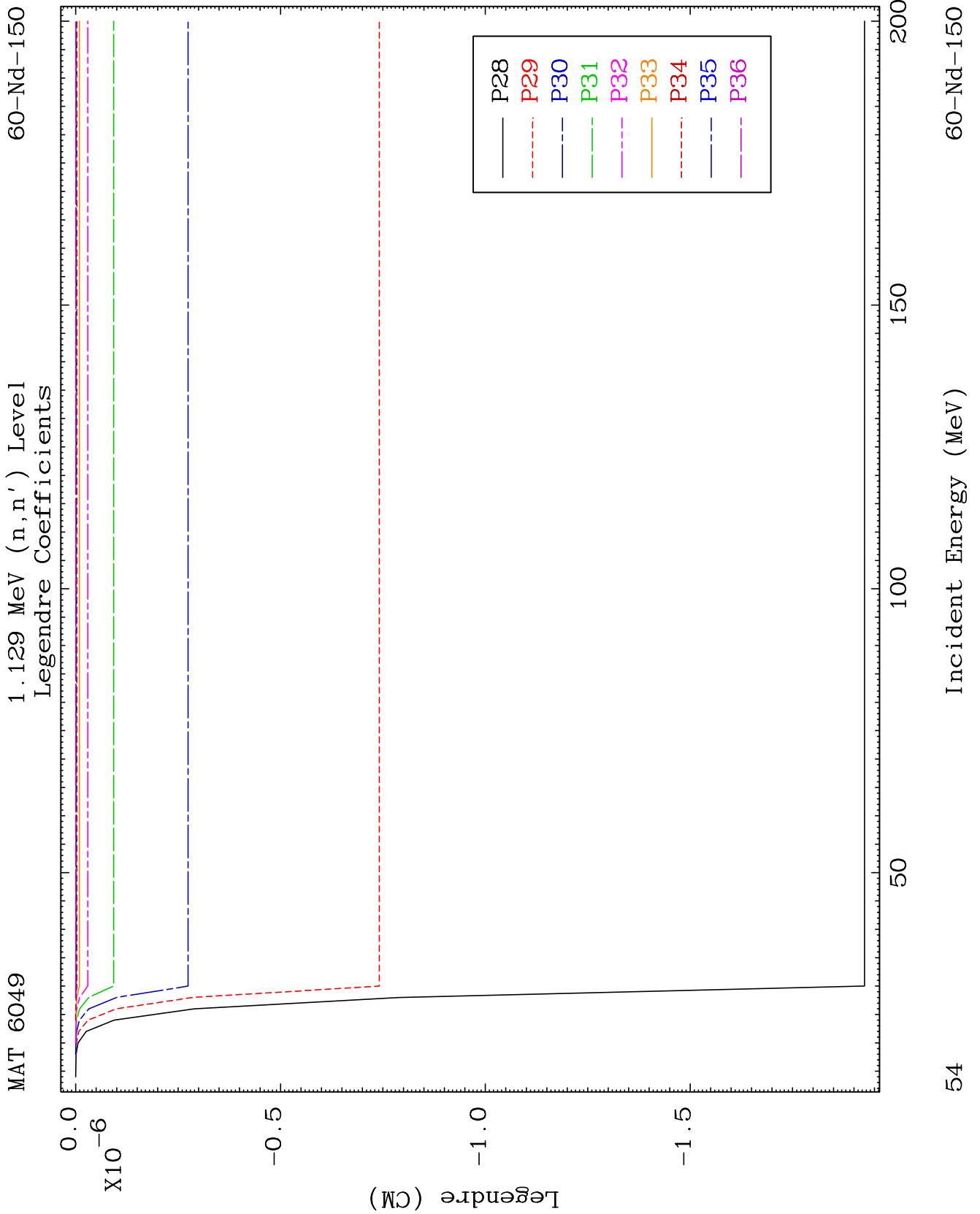
49

Incident Energy (MeV)

60-Nd-150



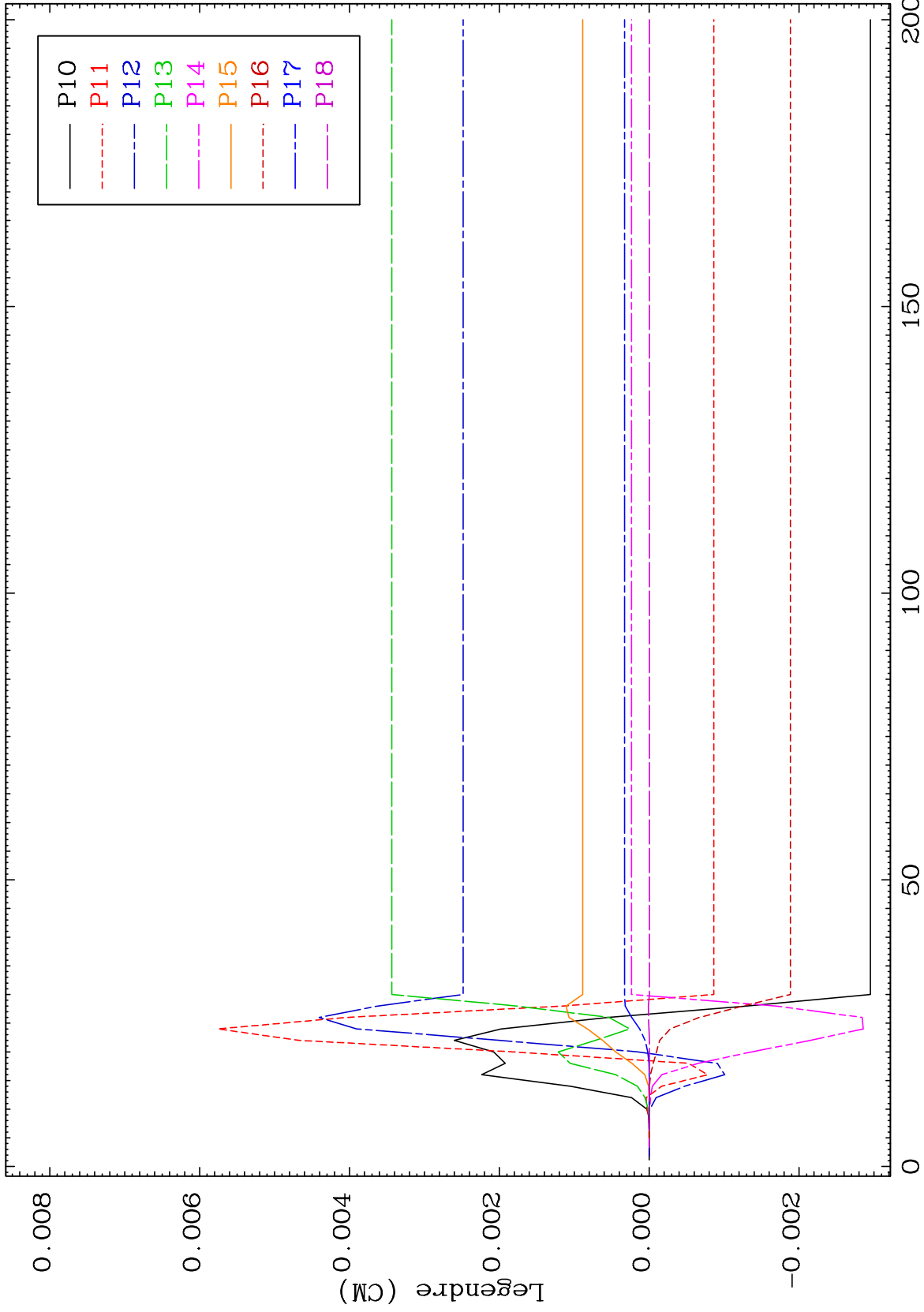




MAT 6049

1.134 MeV (n,n') Level
Legendre Coefficients

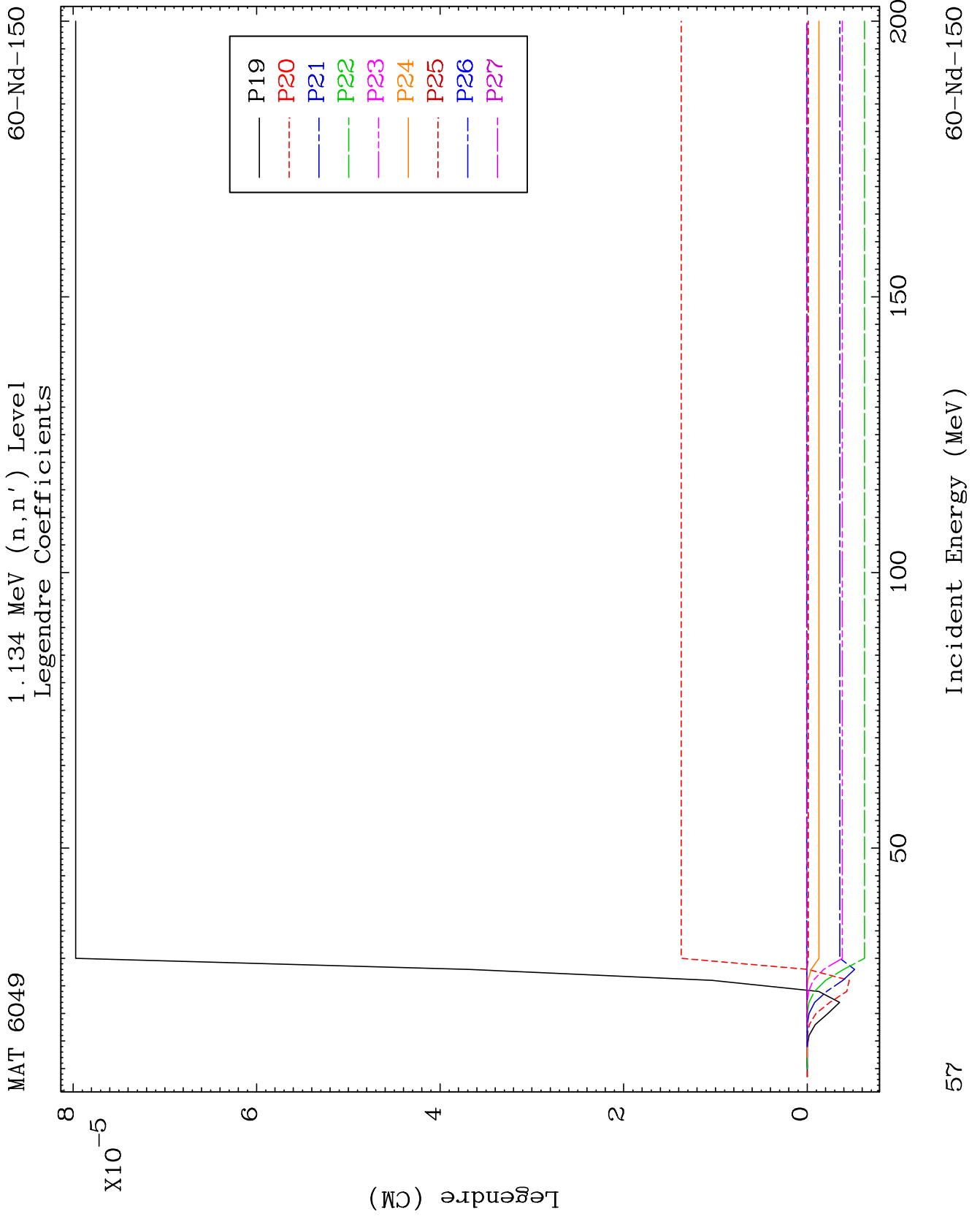
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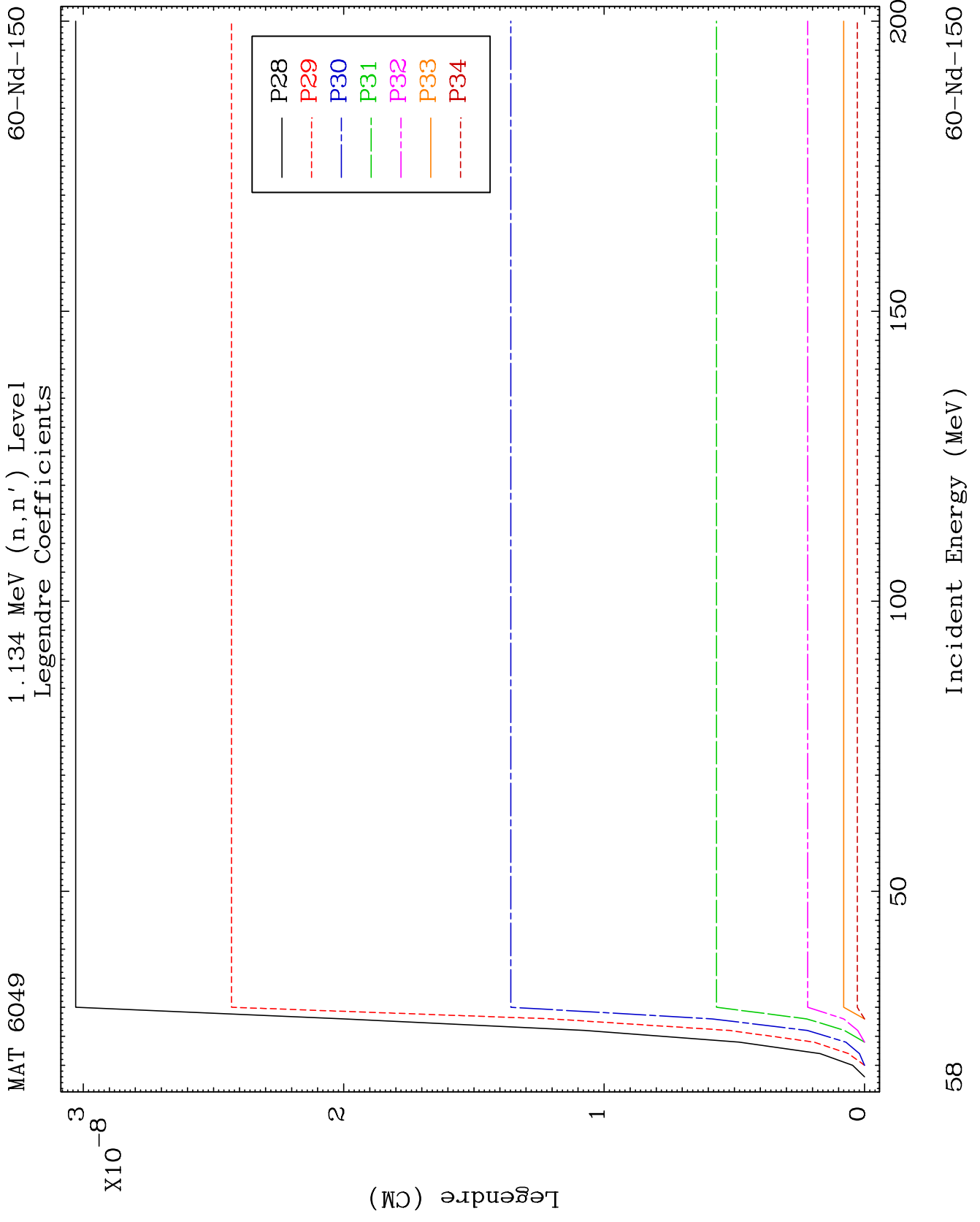


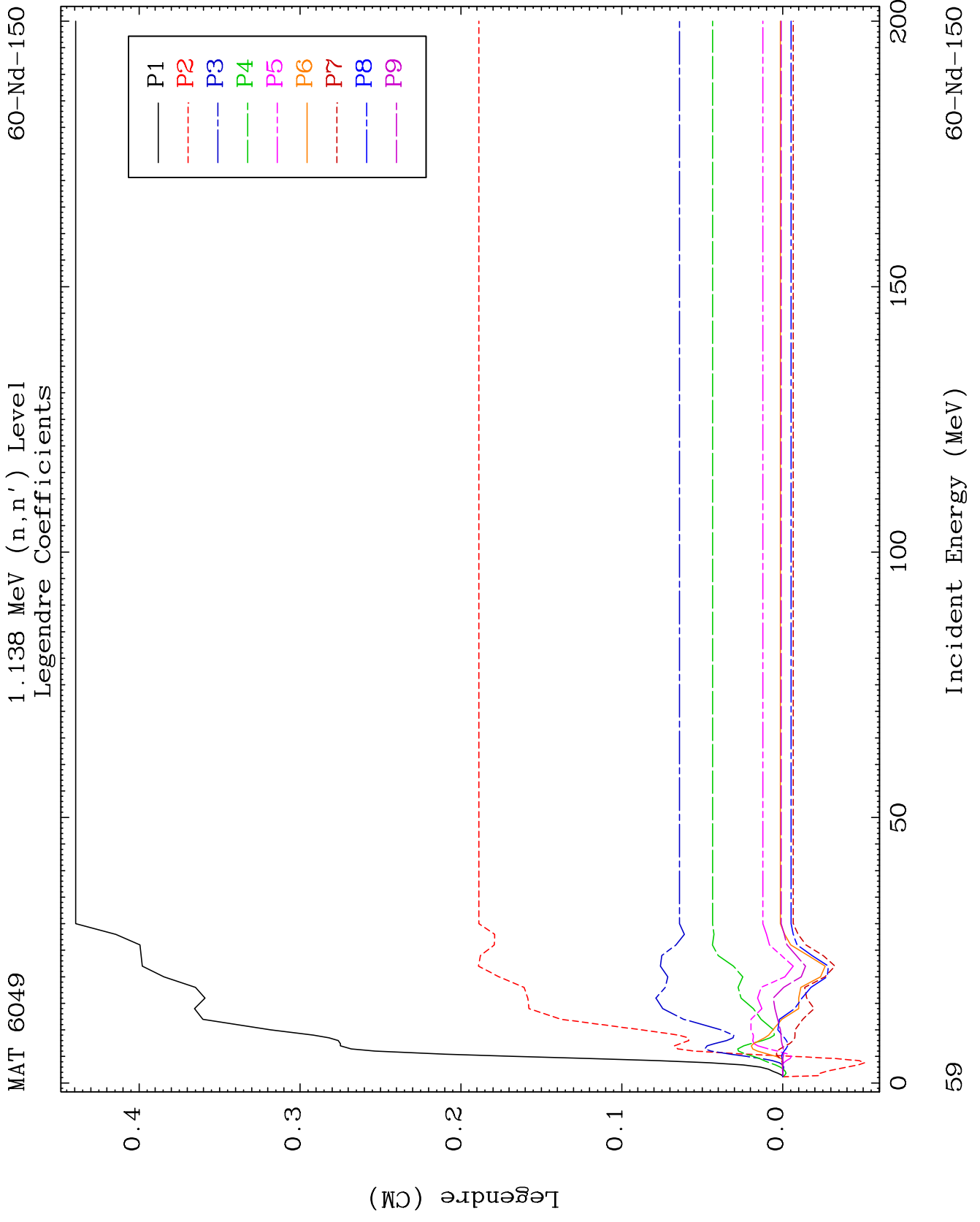
60-Nd-150

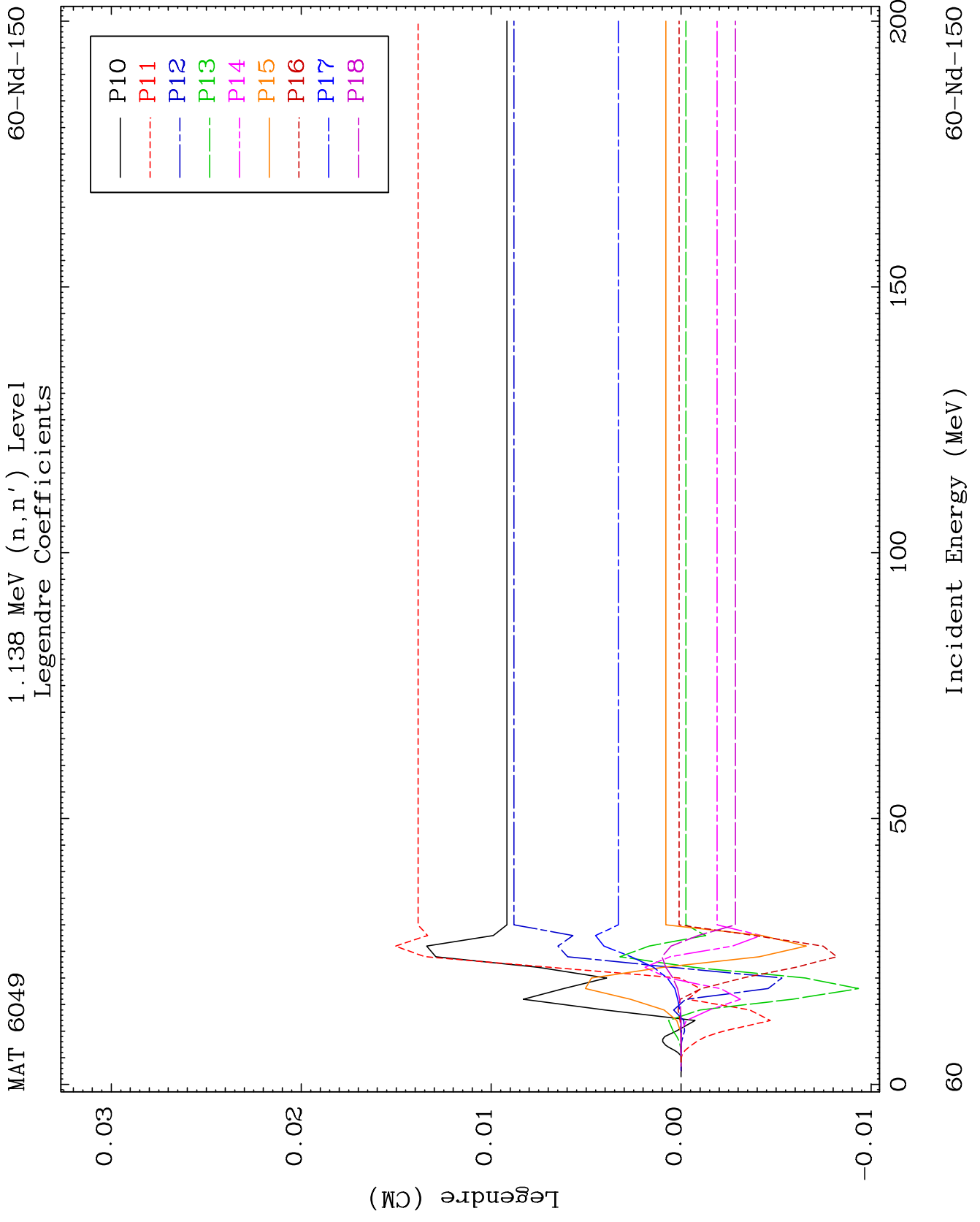
Incident Energy (MeV)

56





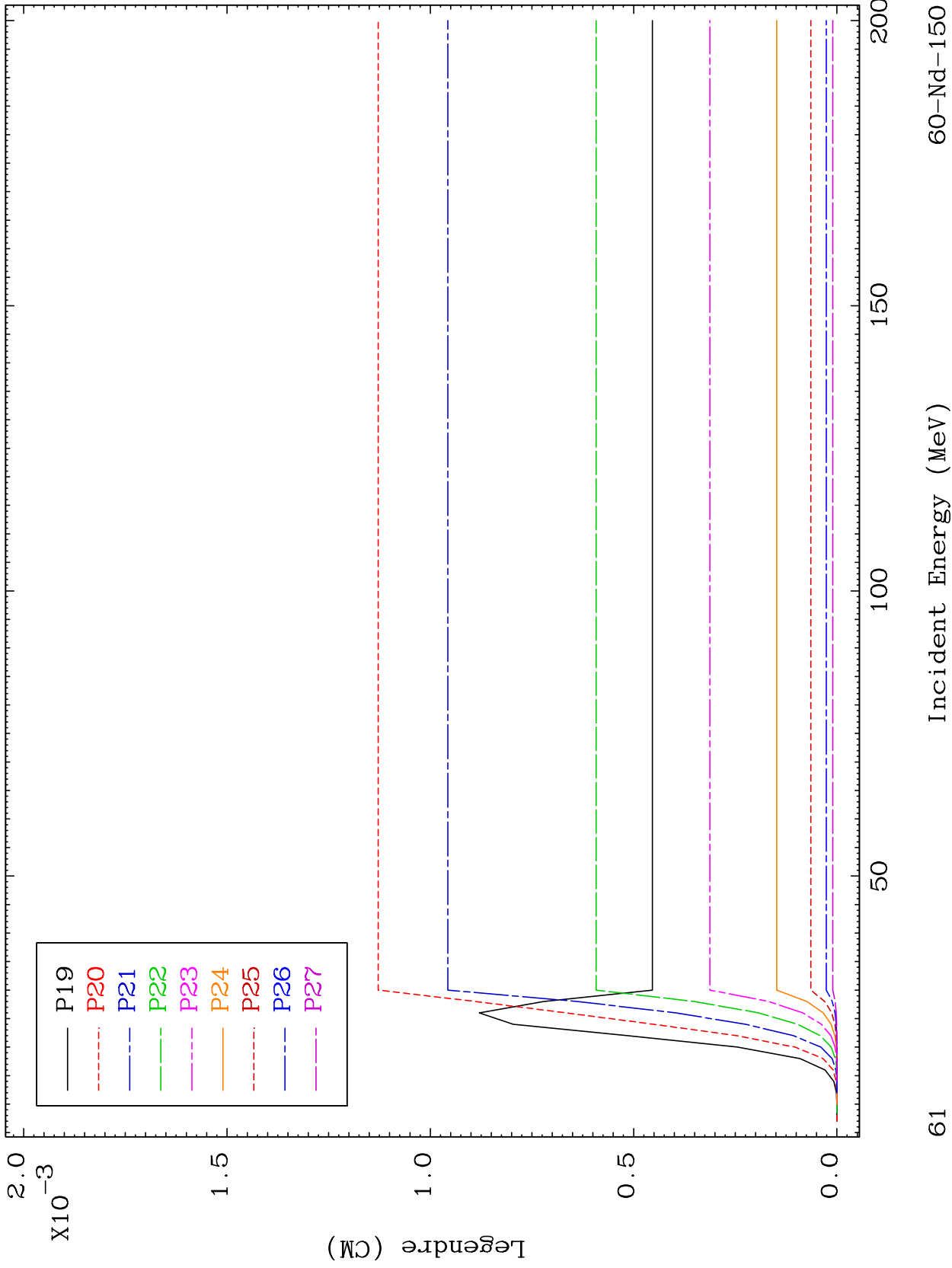


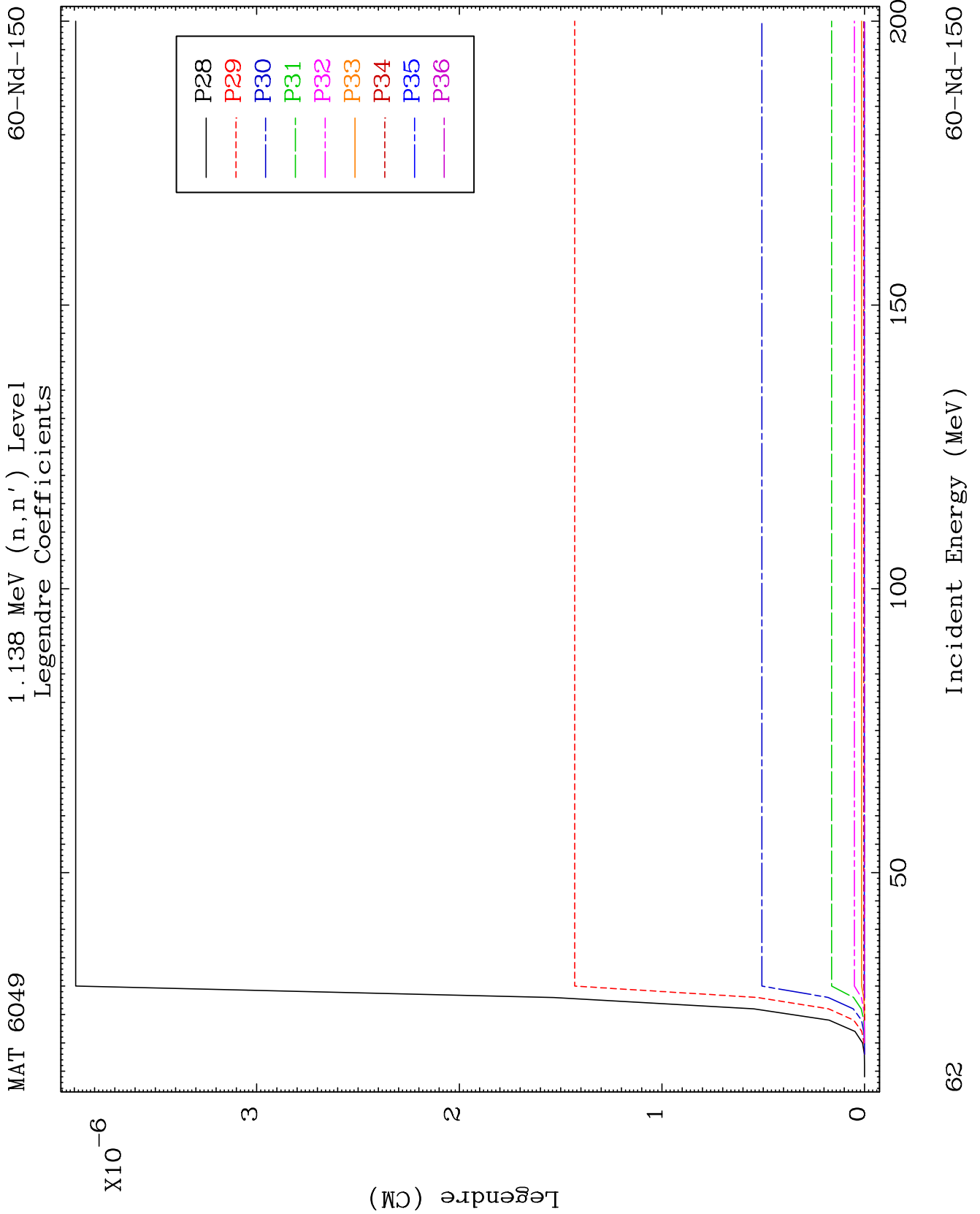


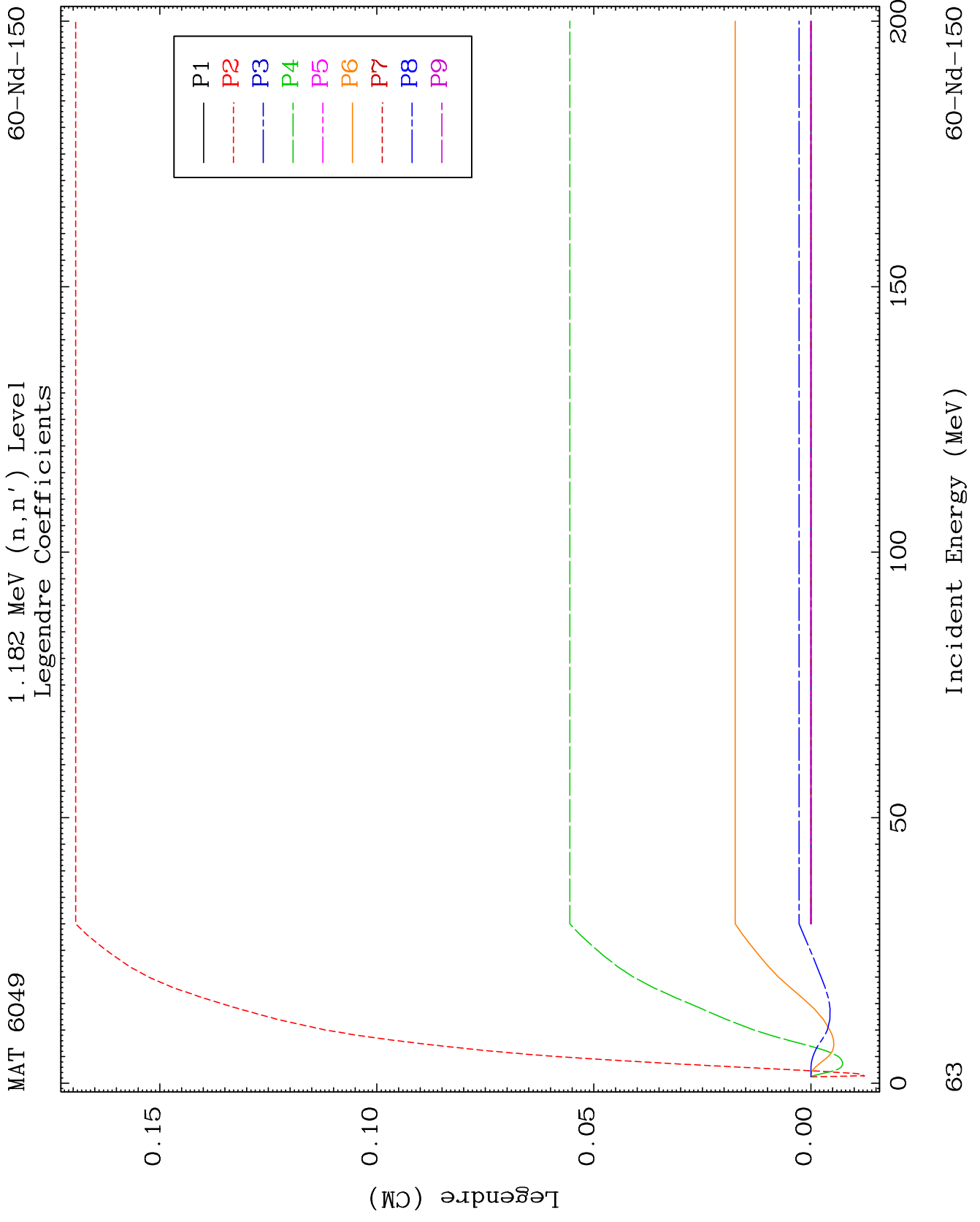
MAT 6049

1.138 MeV (n,n') Level
Legendre Coefficients

60-Nd-150



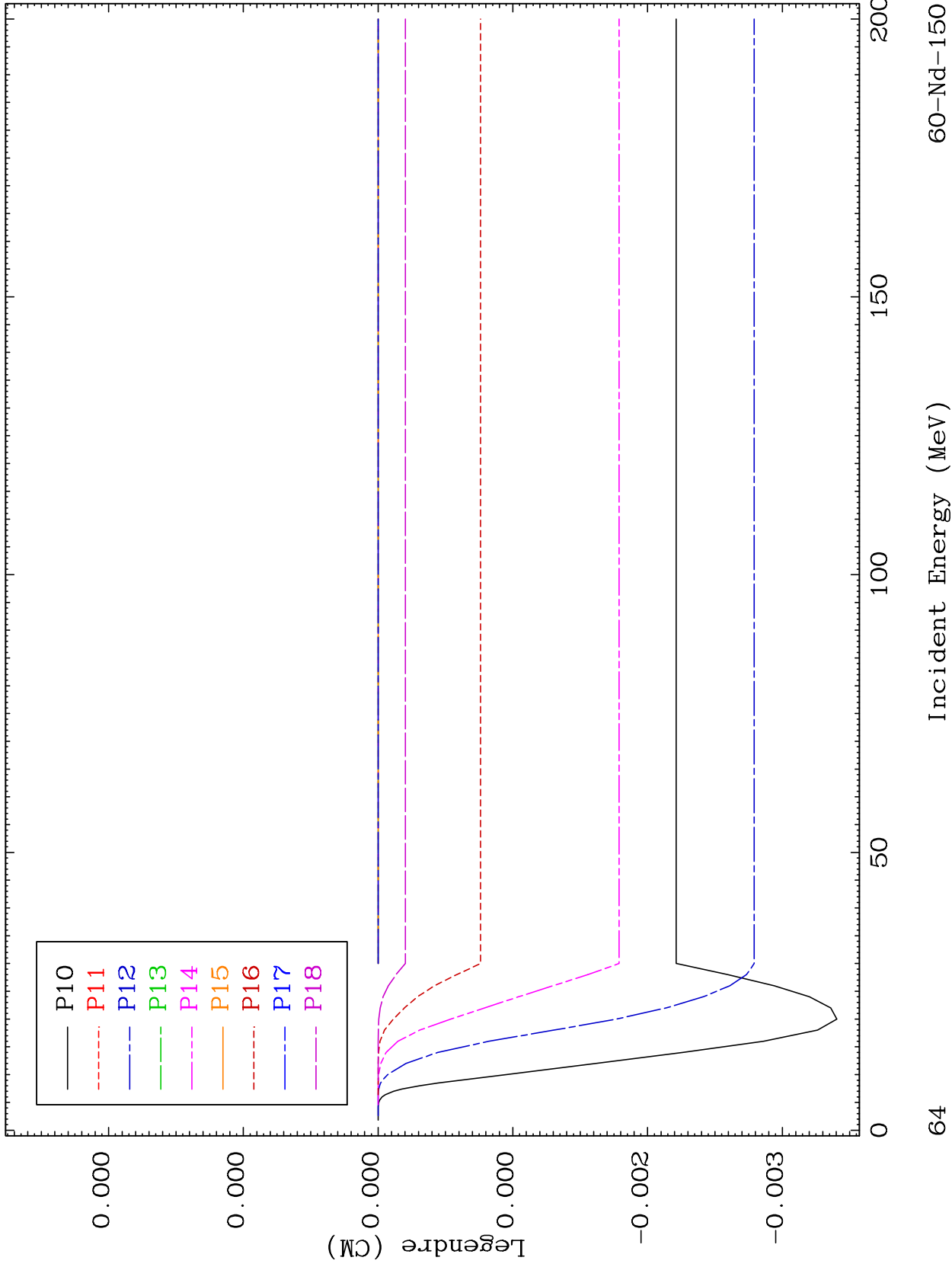




MAT 6049

1.182 MeV (n,n') Level
Legendre Coefficients

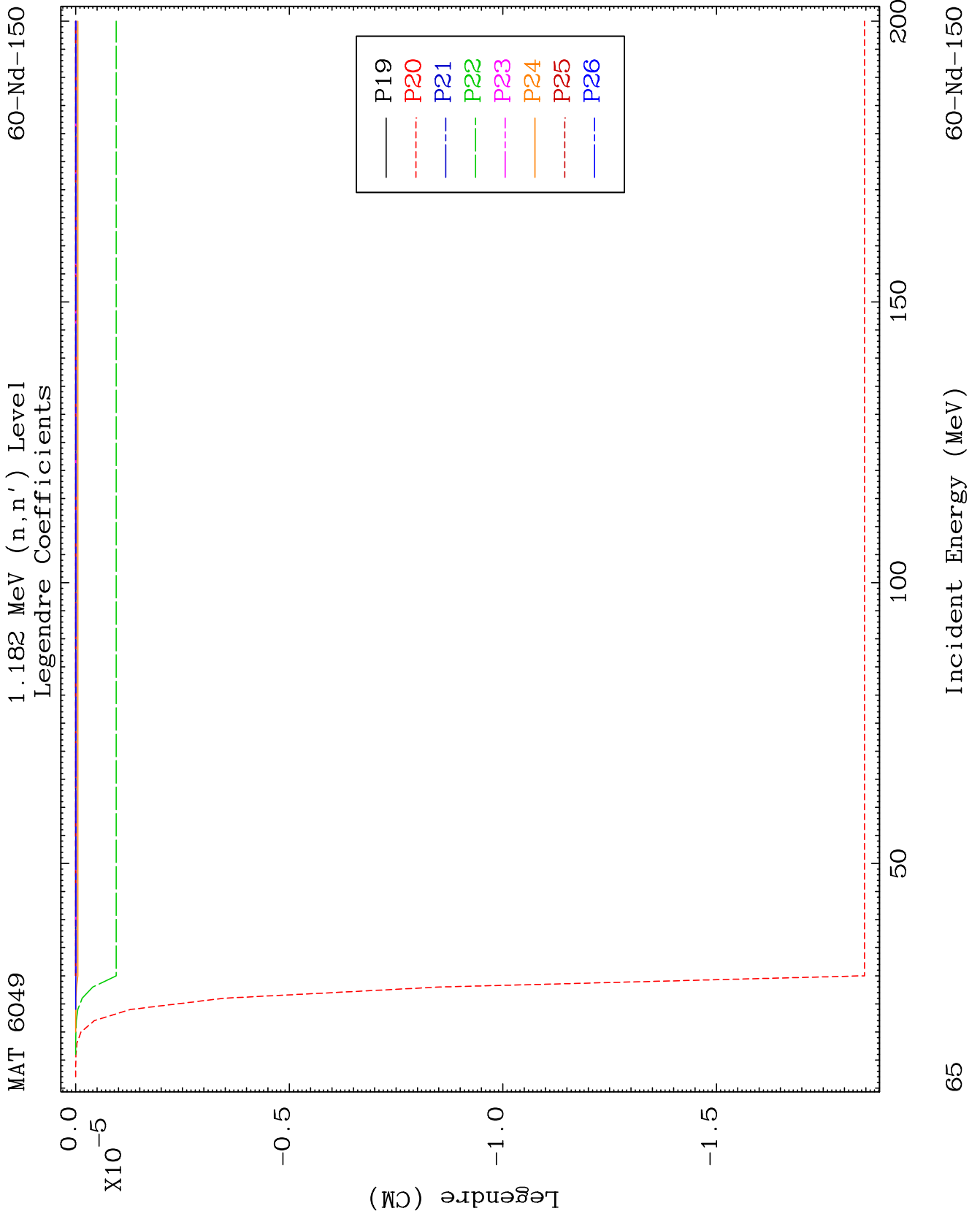
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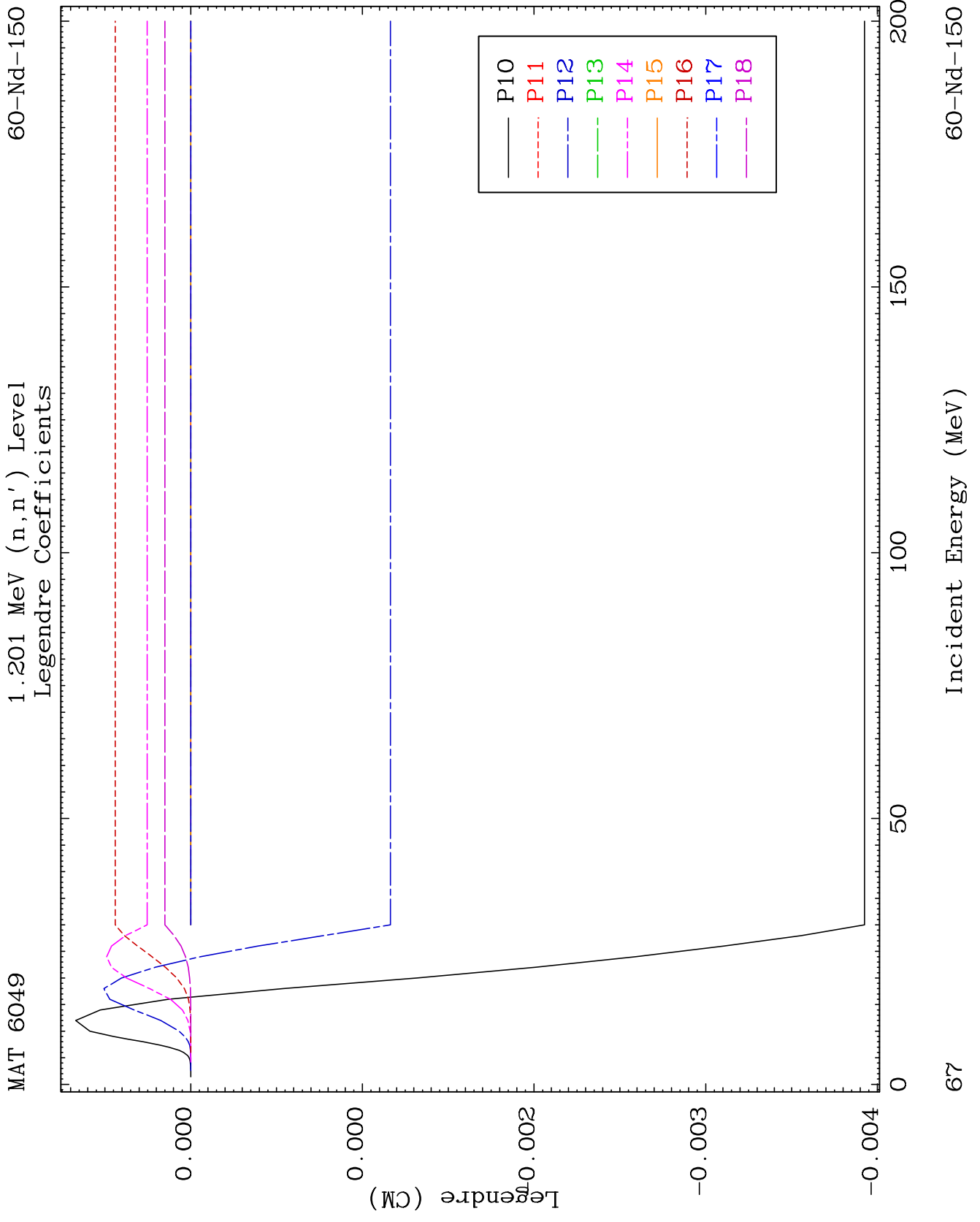


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Incident Energy (MeV)

60-Nd-150

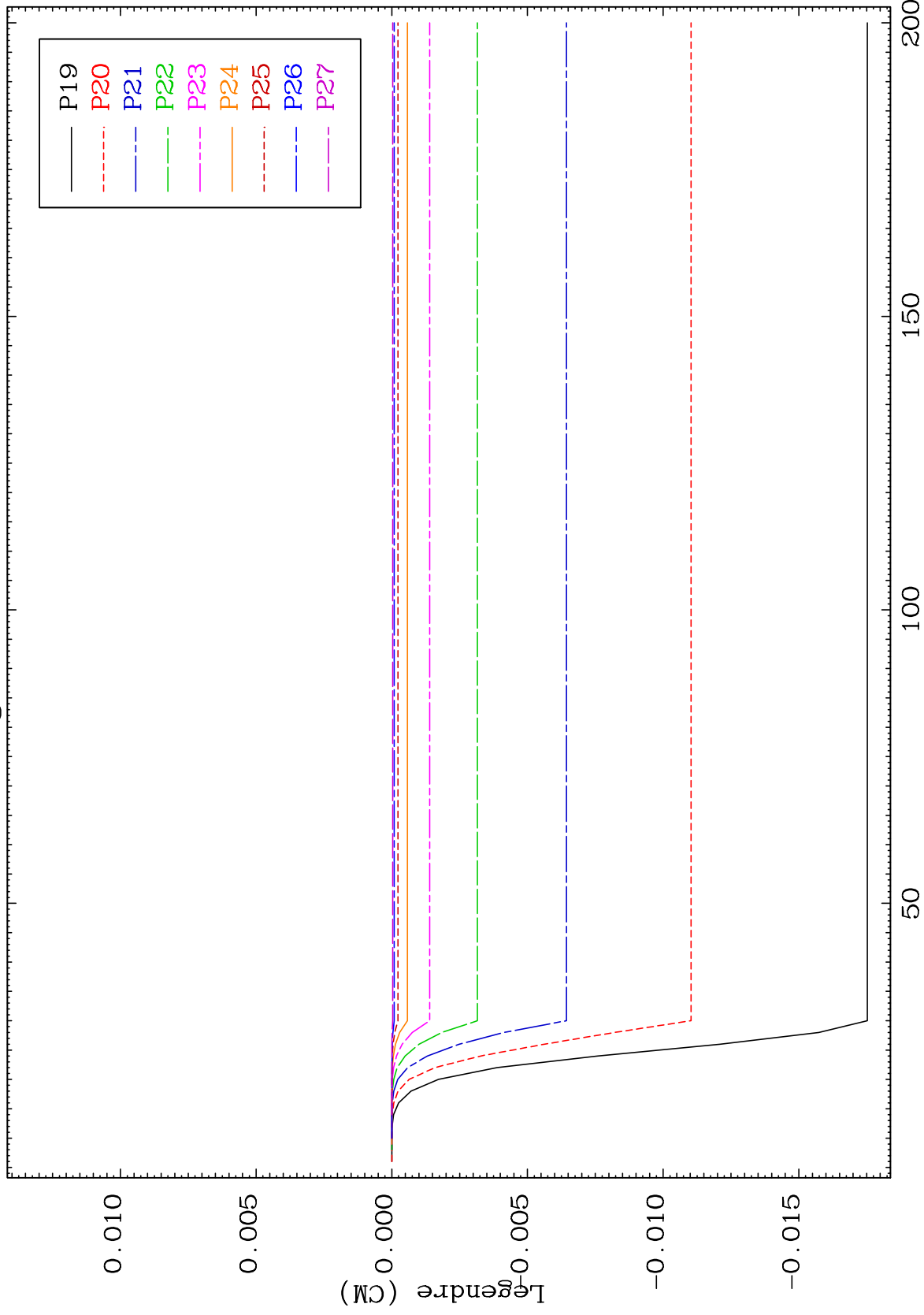




MAT 6049

1.250 MeV (n,n') Level
Legendre Coefficients

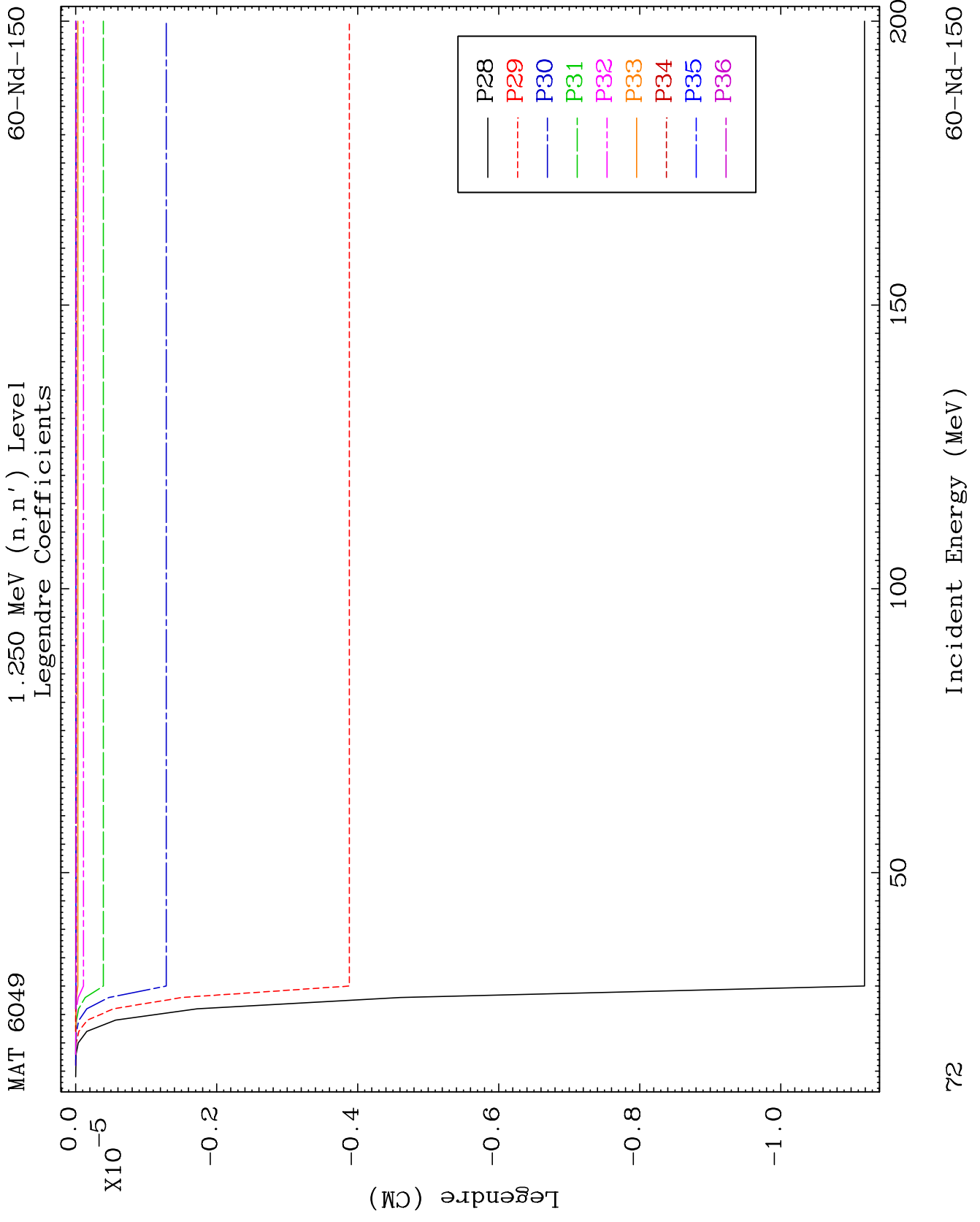
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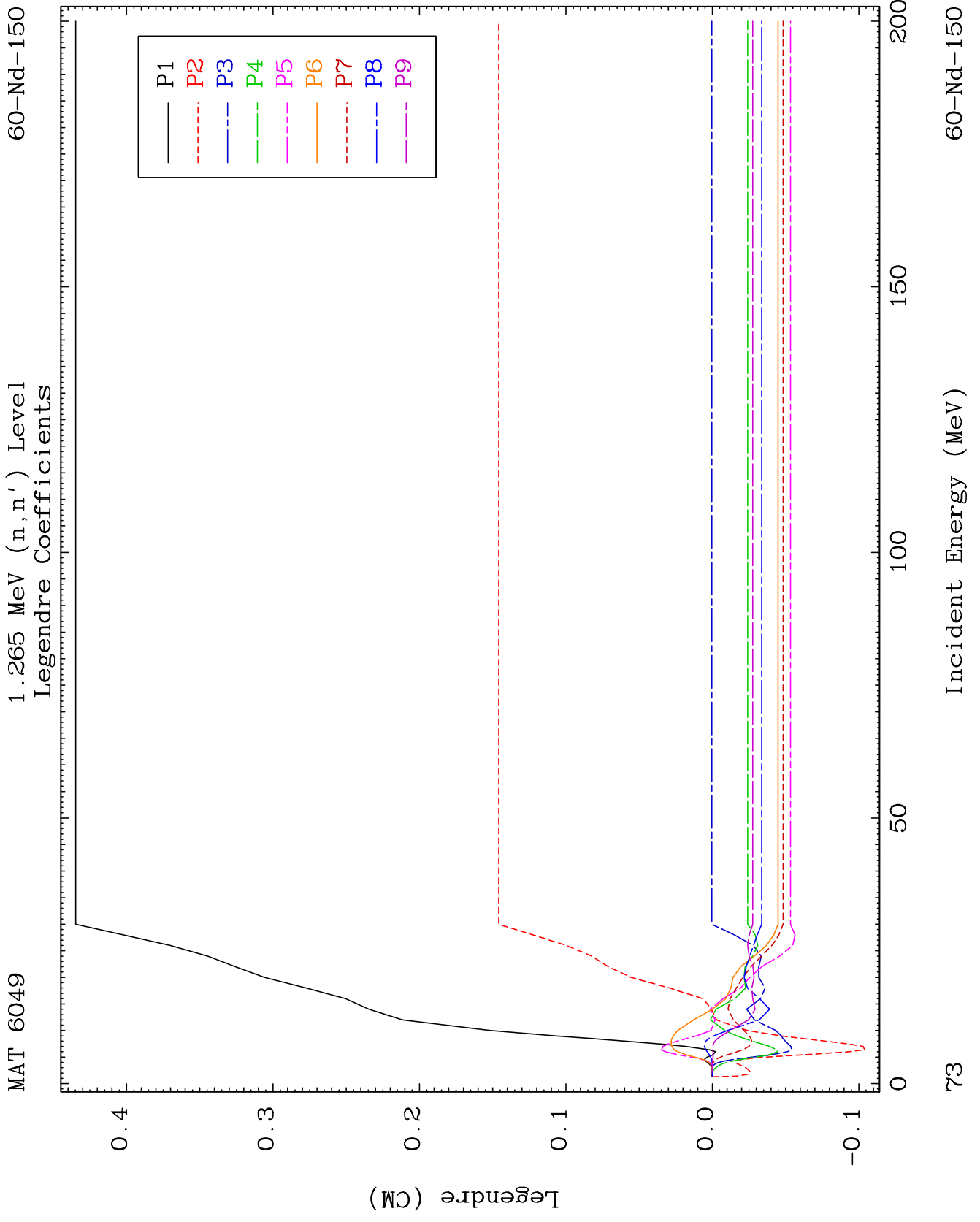


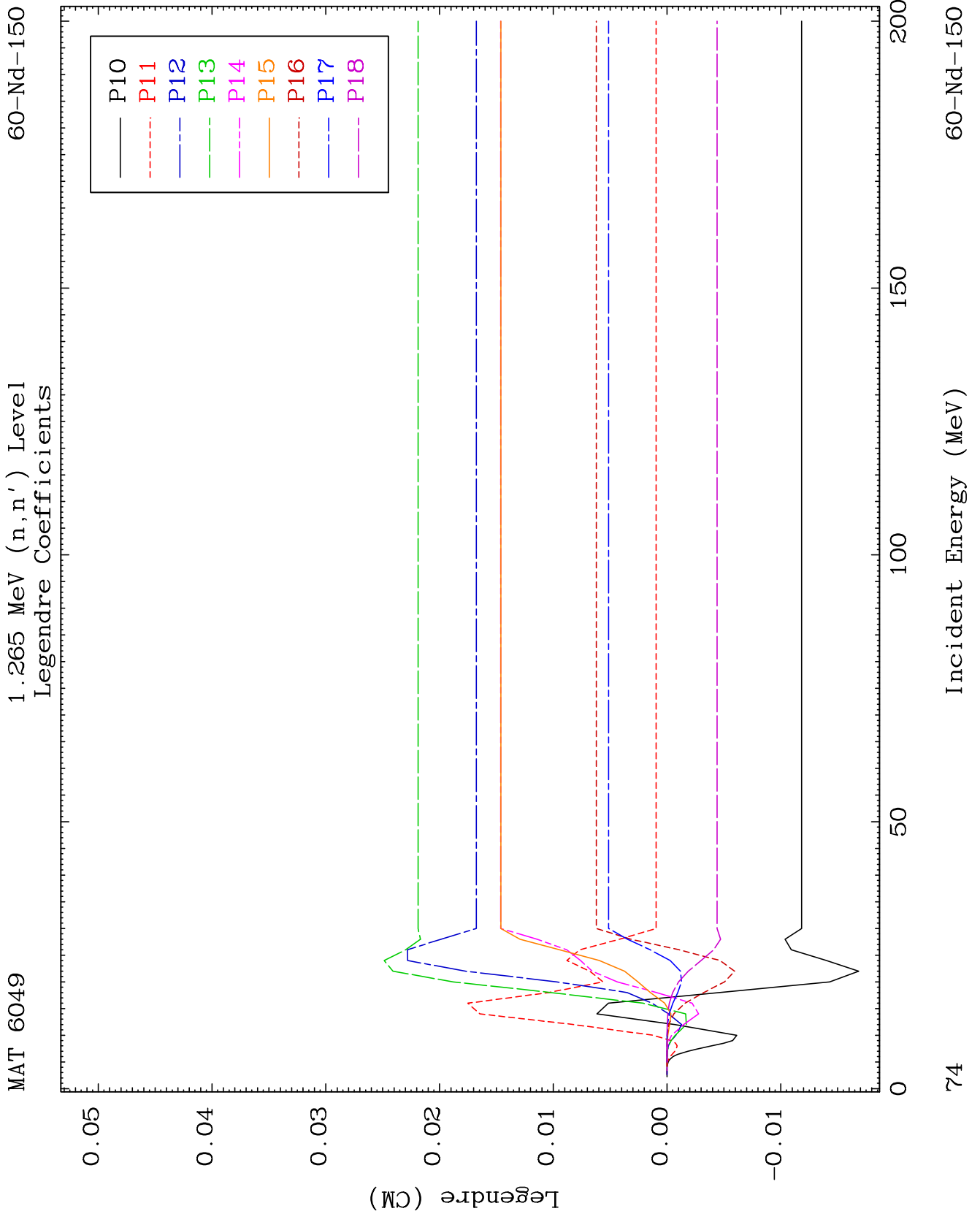
71

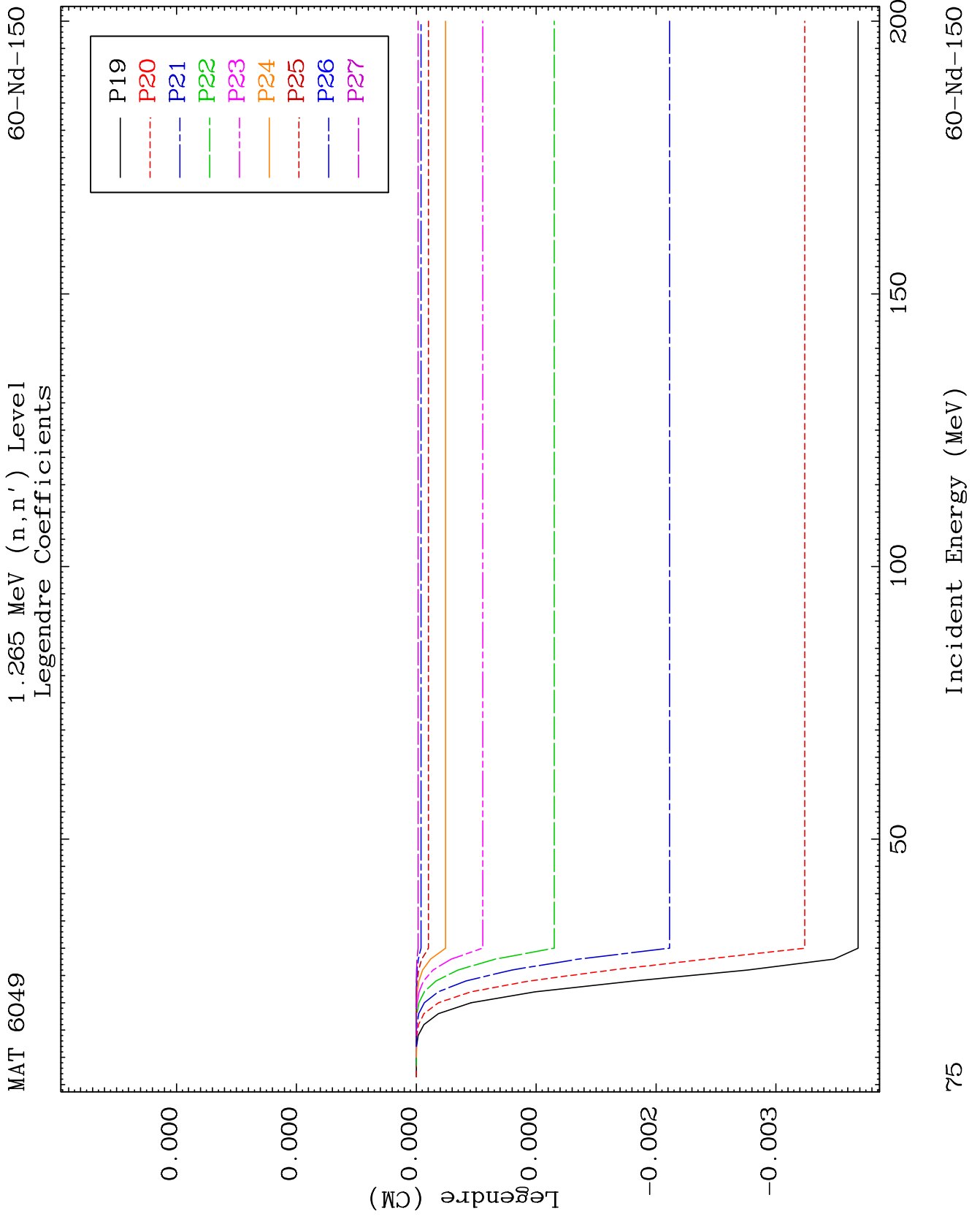
Incident Energy (MeV)

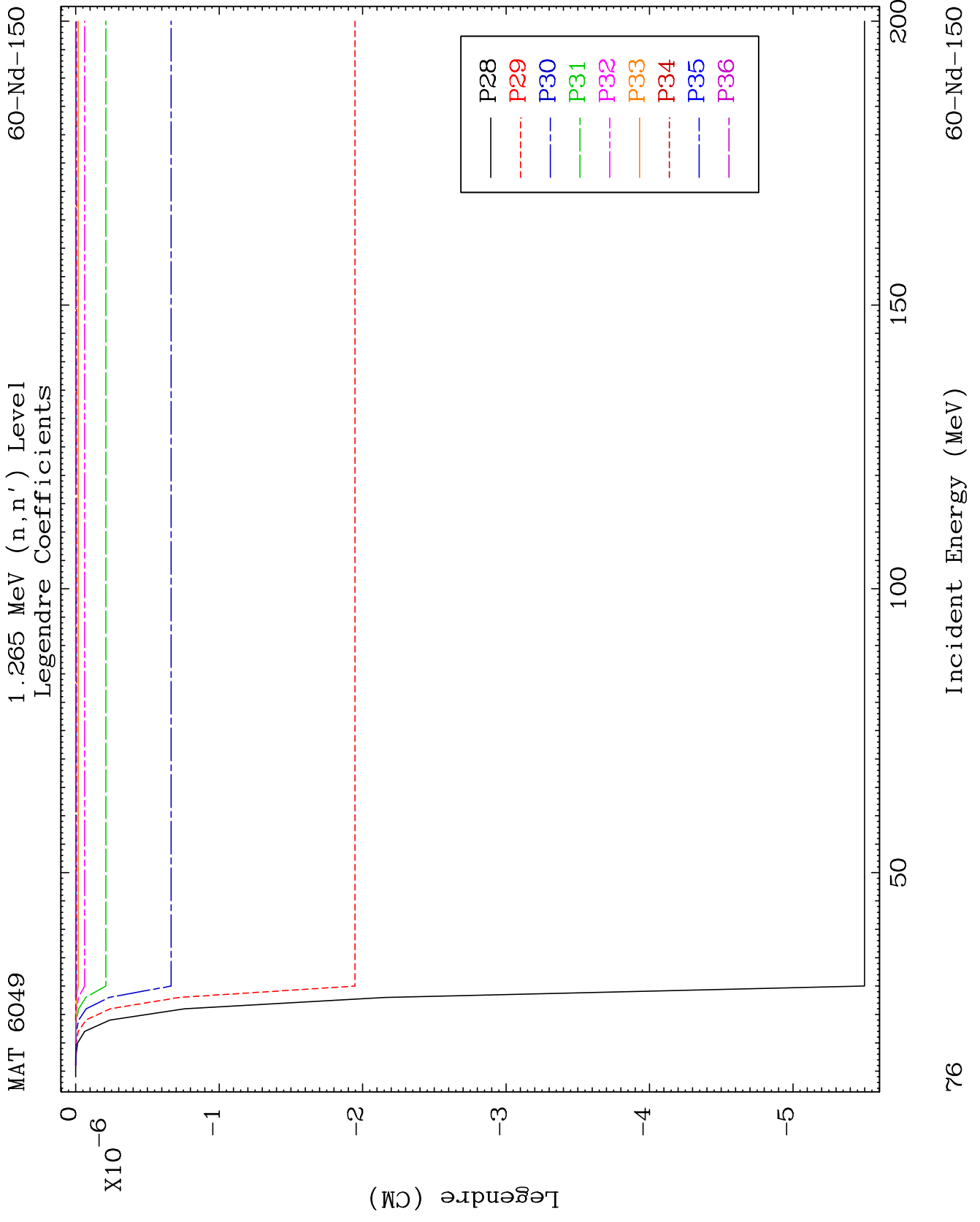
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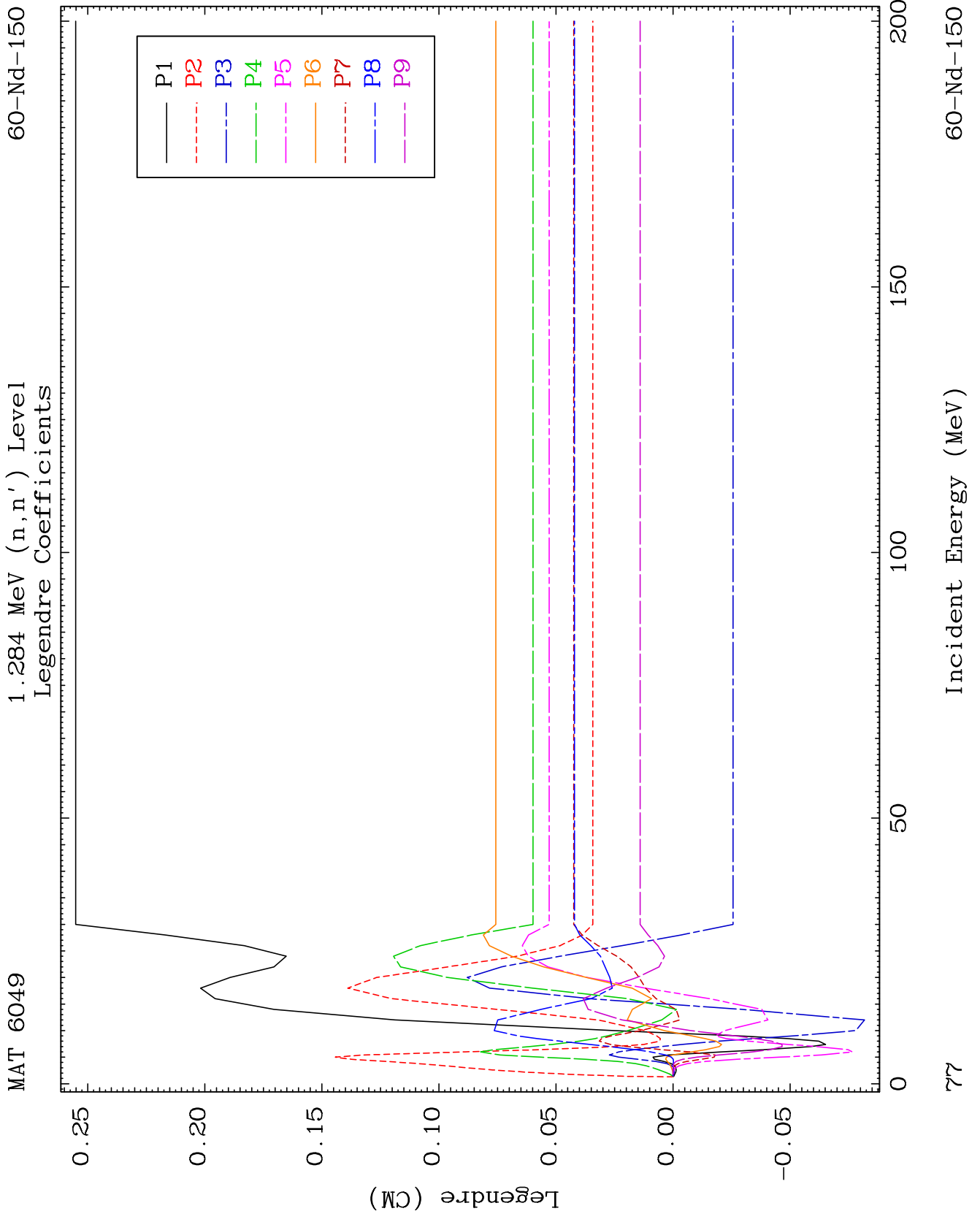


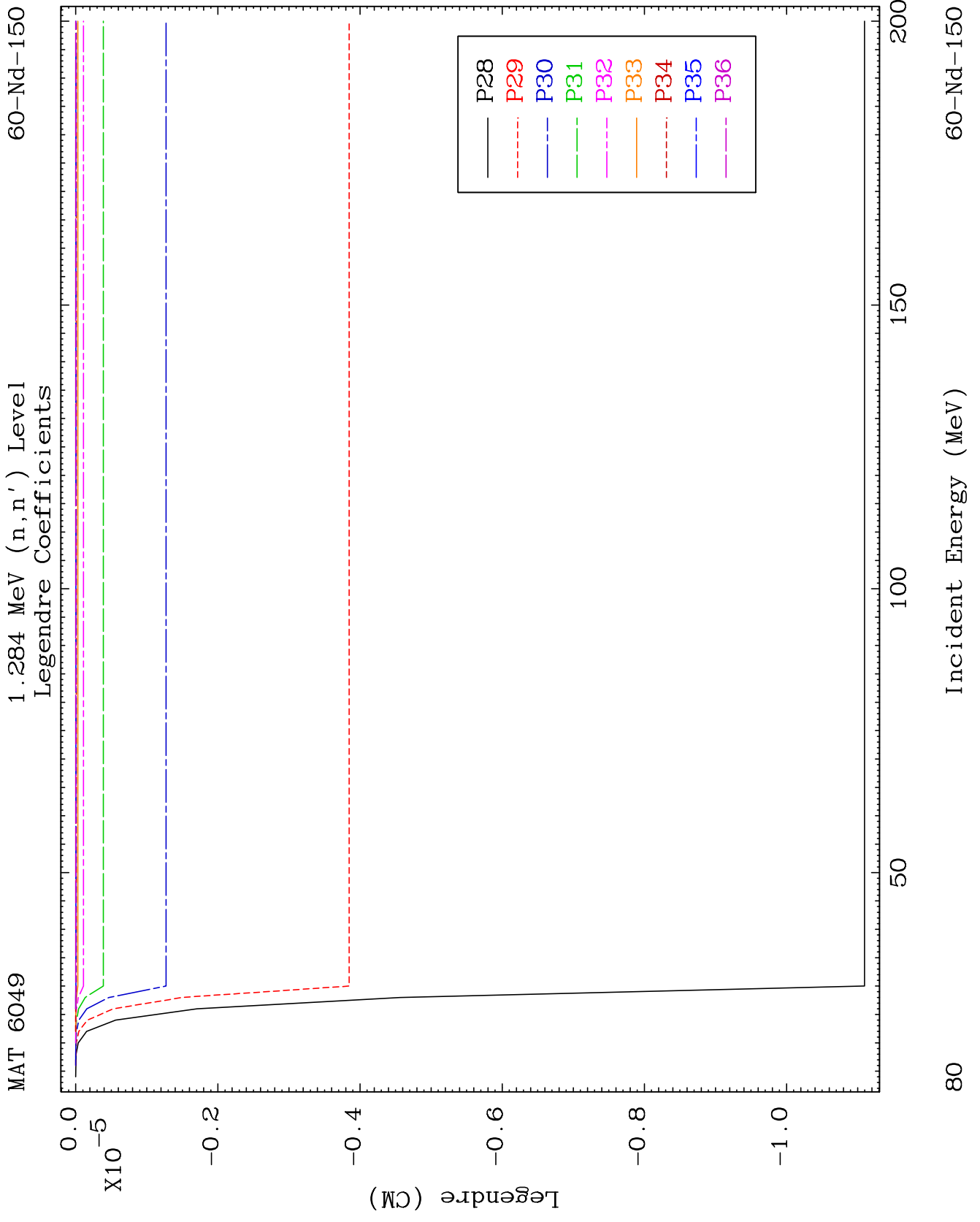


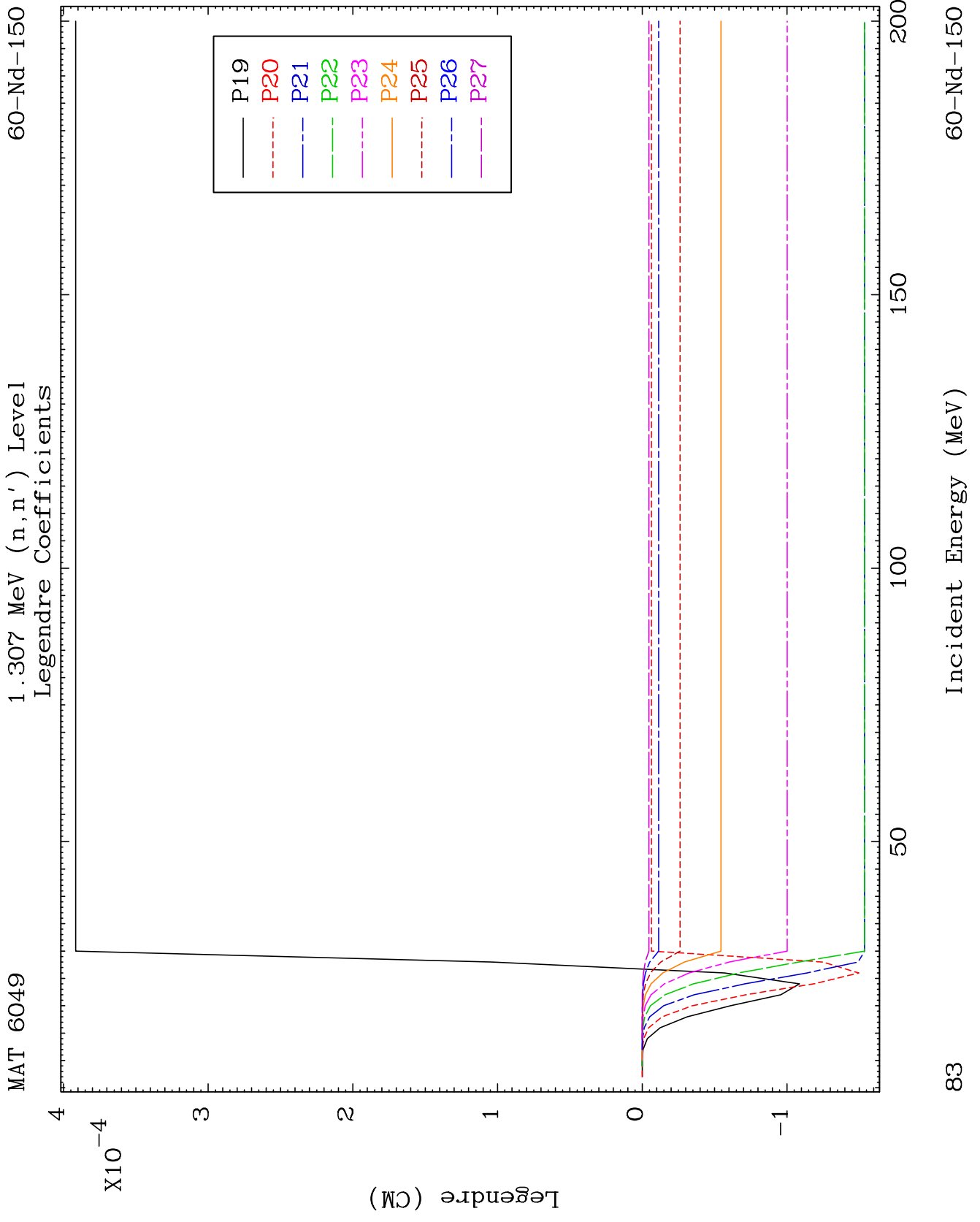


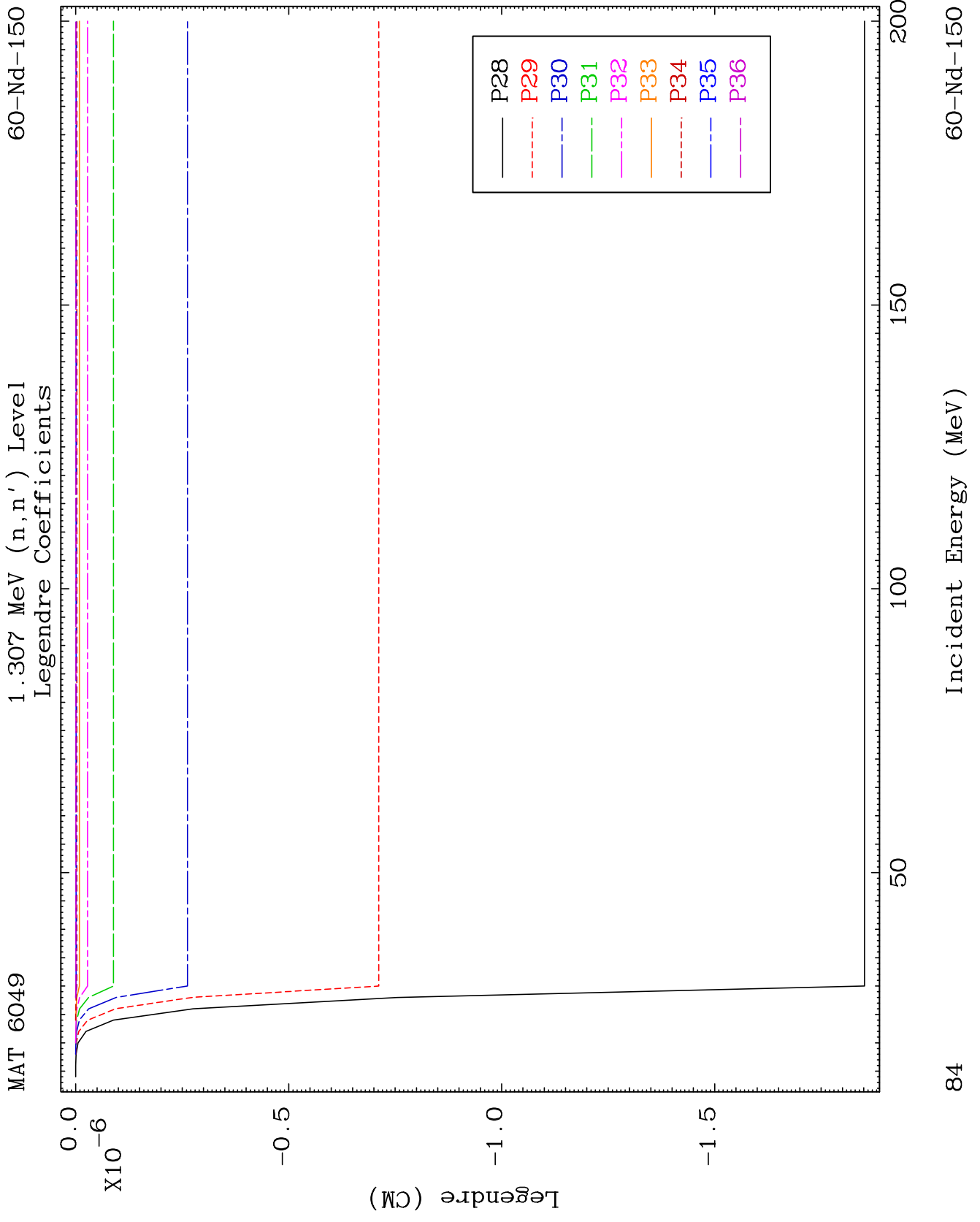


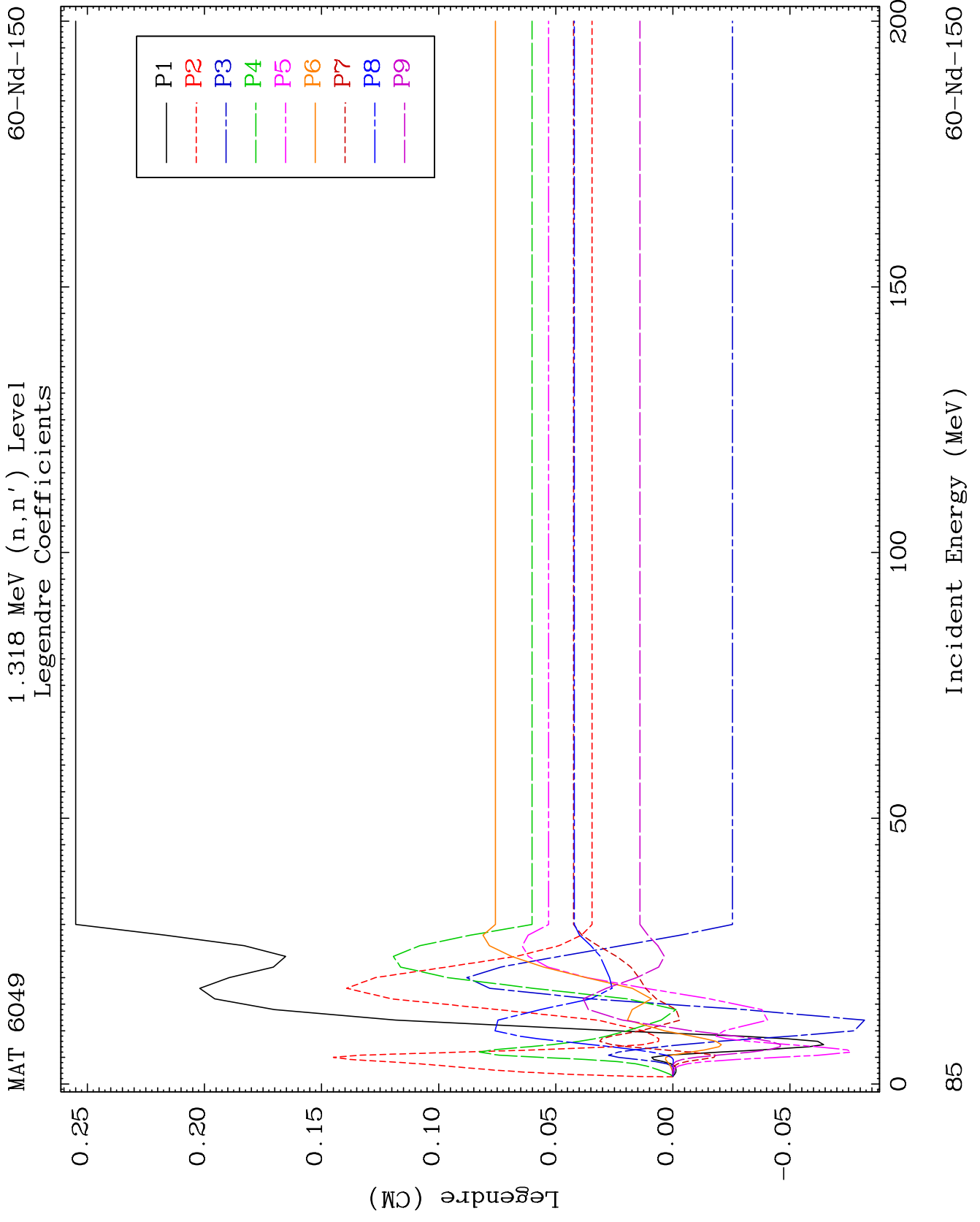


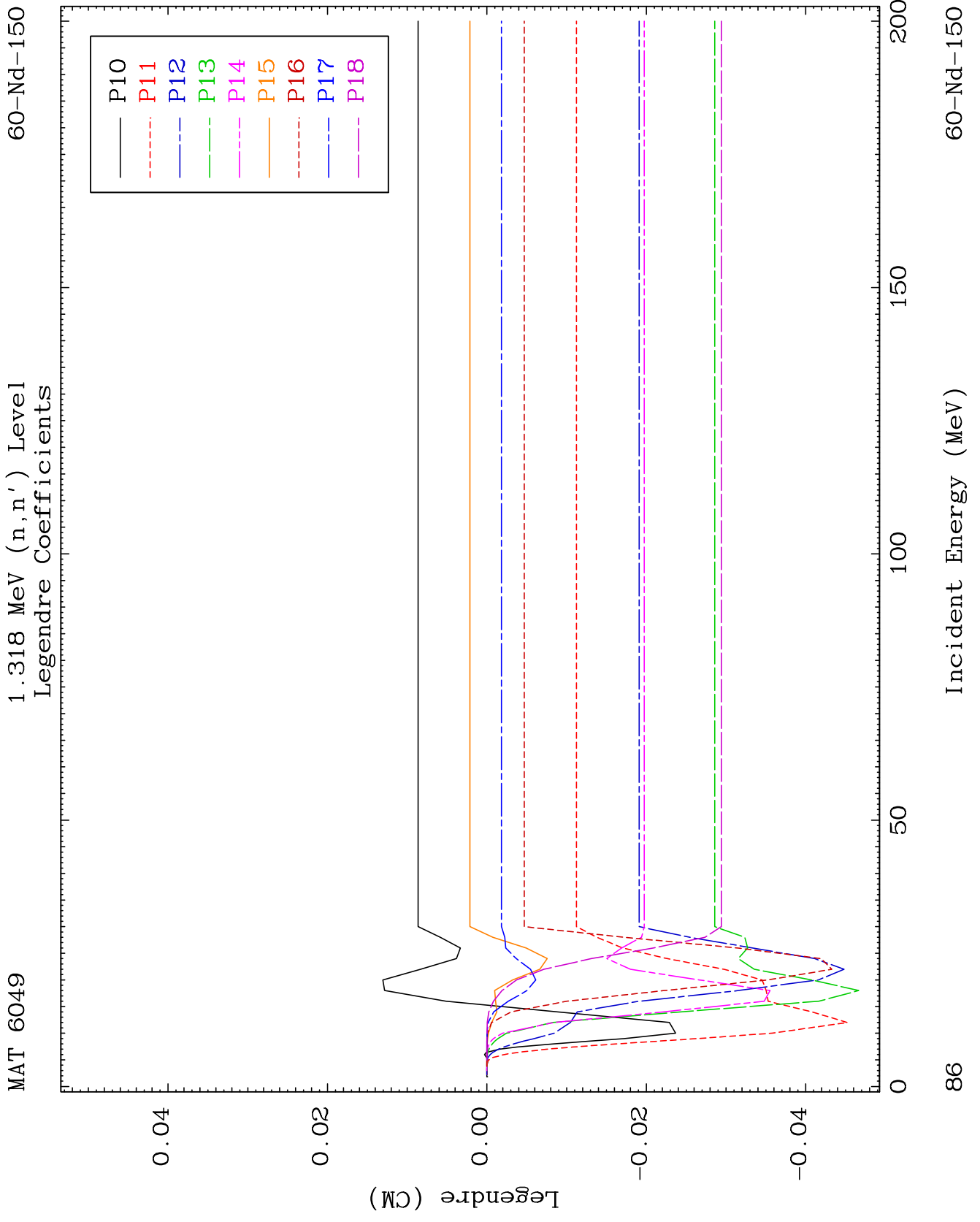








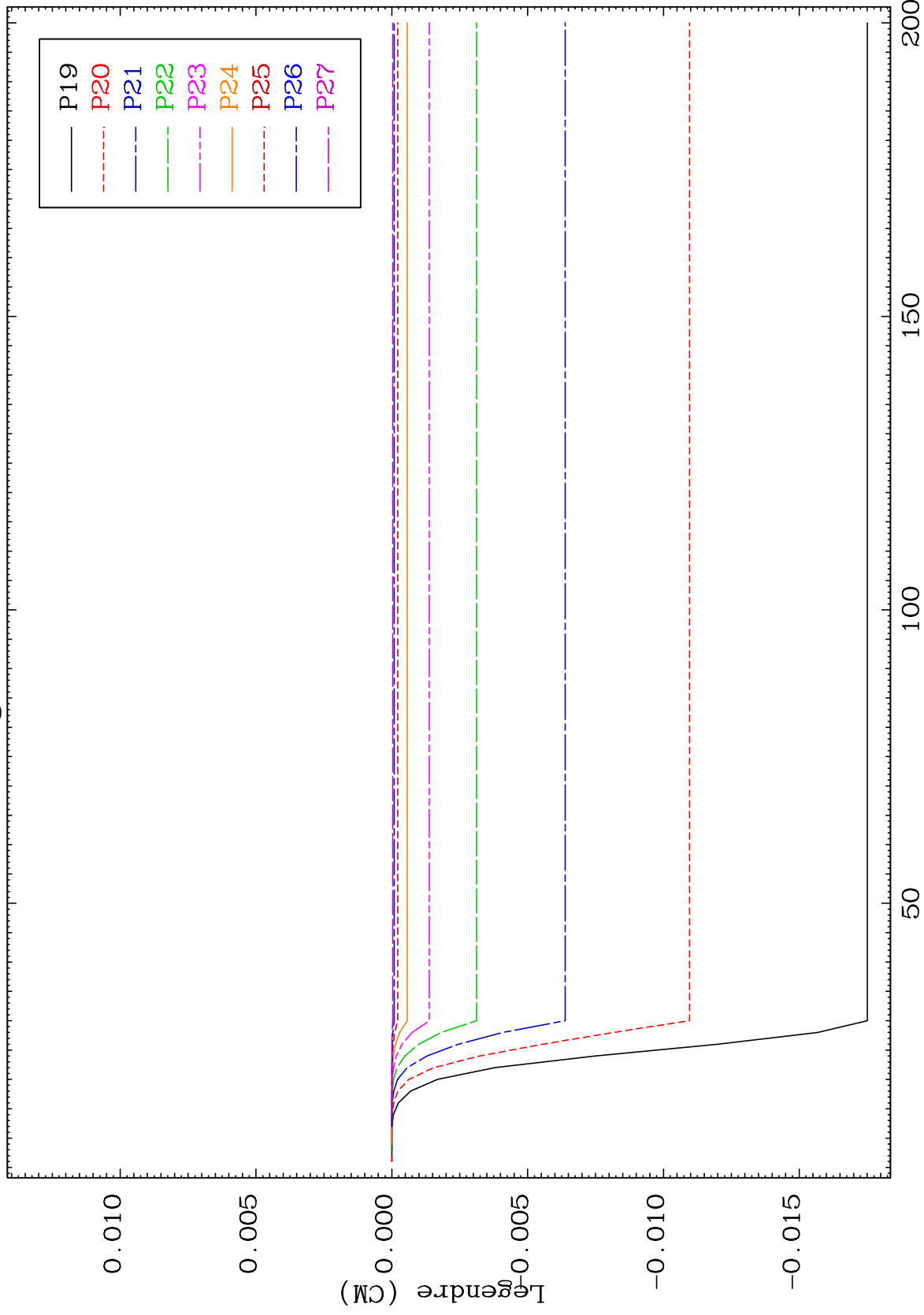




MAT 6049

1.318 MeV (n,n') Level
Legendre Coefficients

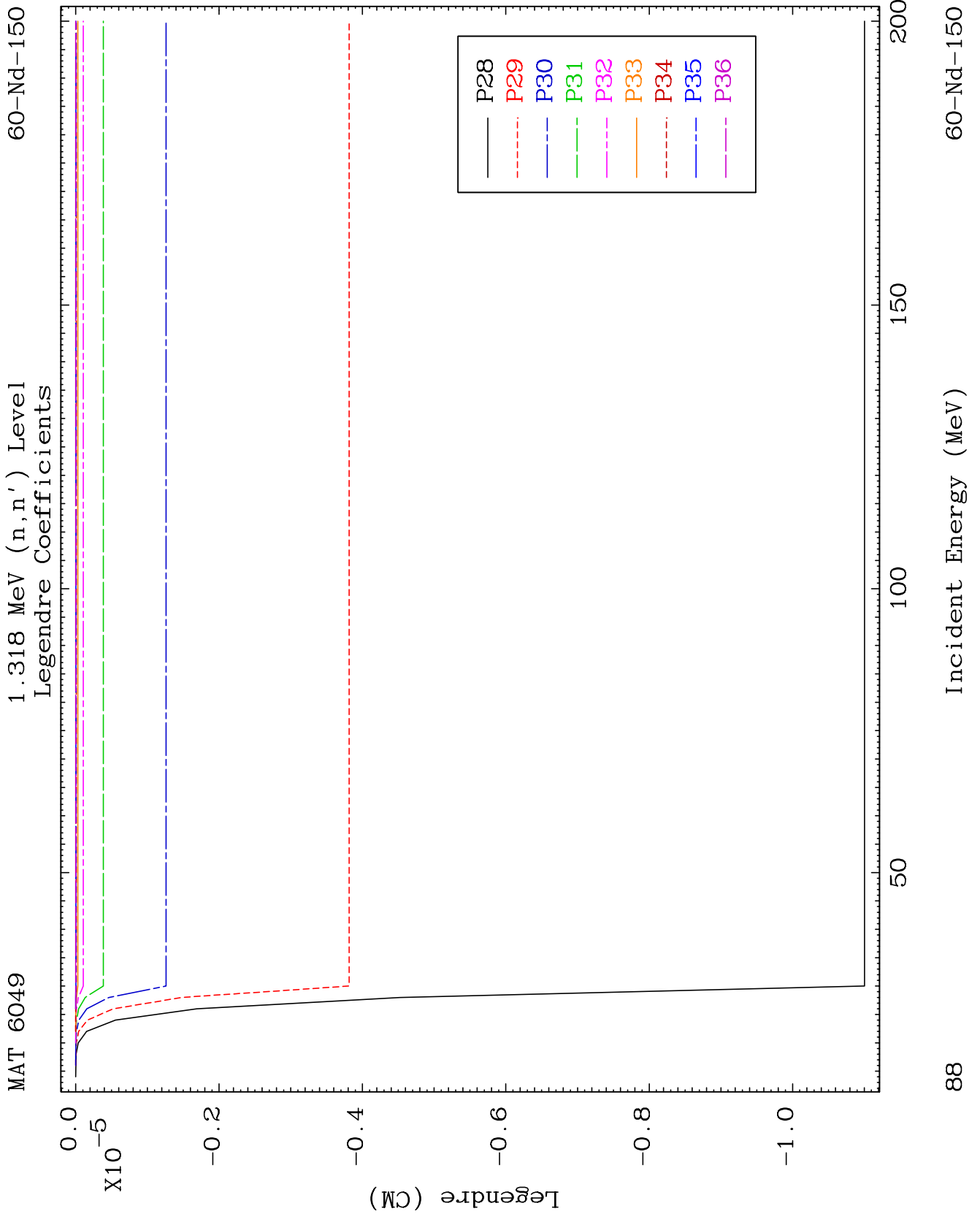
60-Nd-150

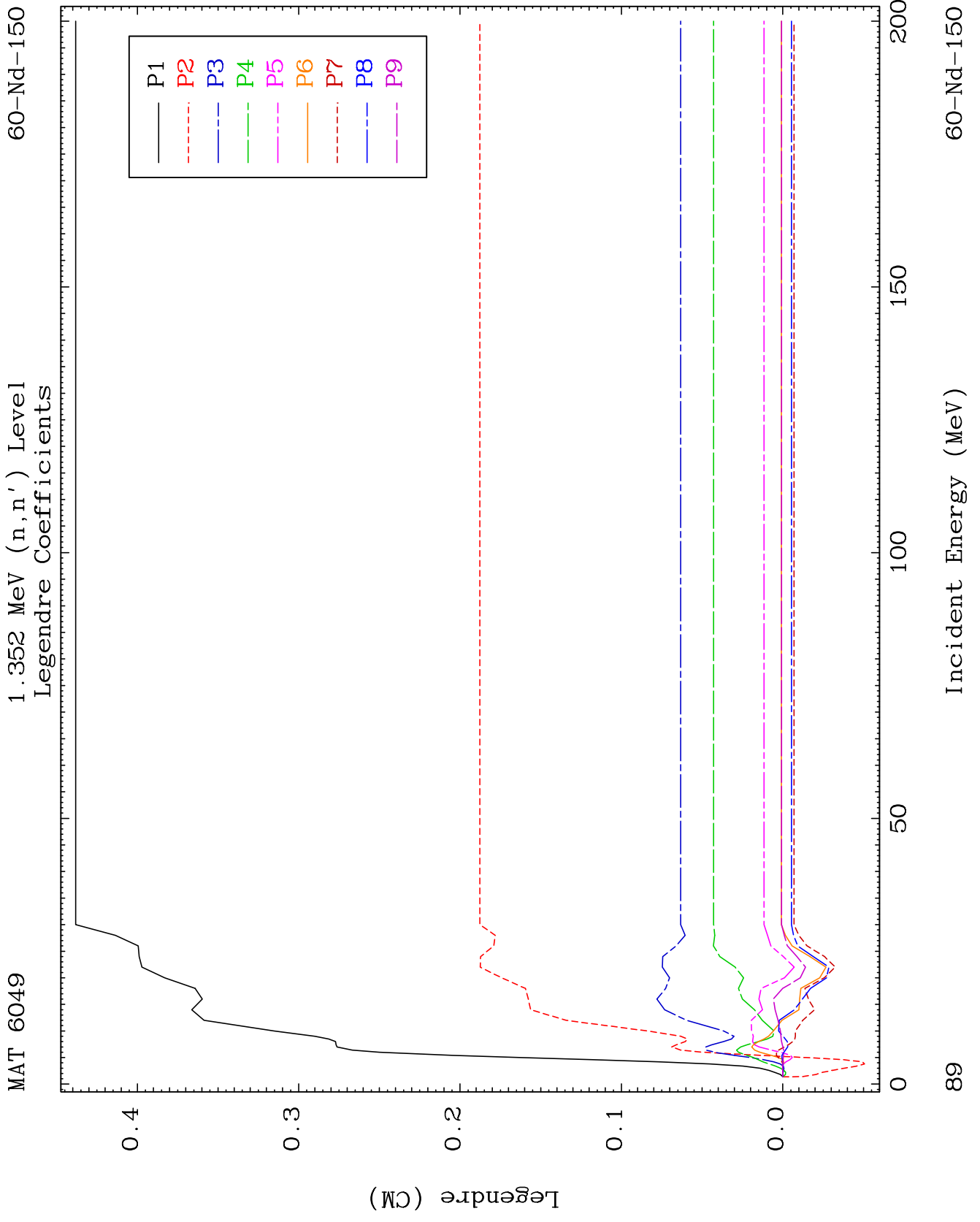


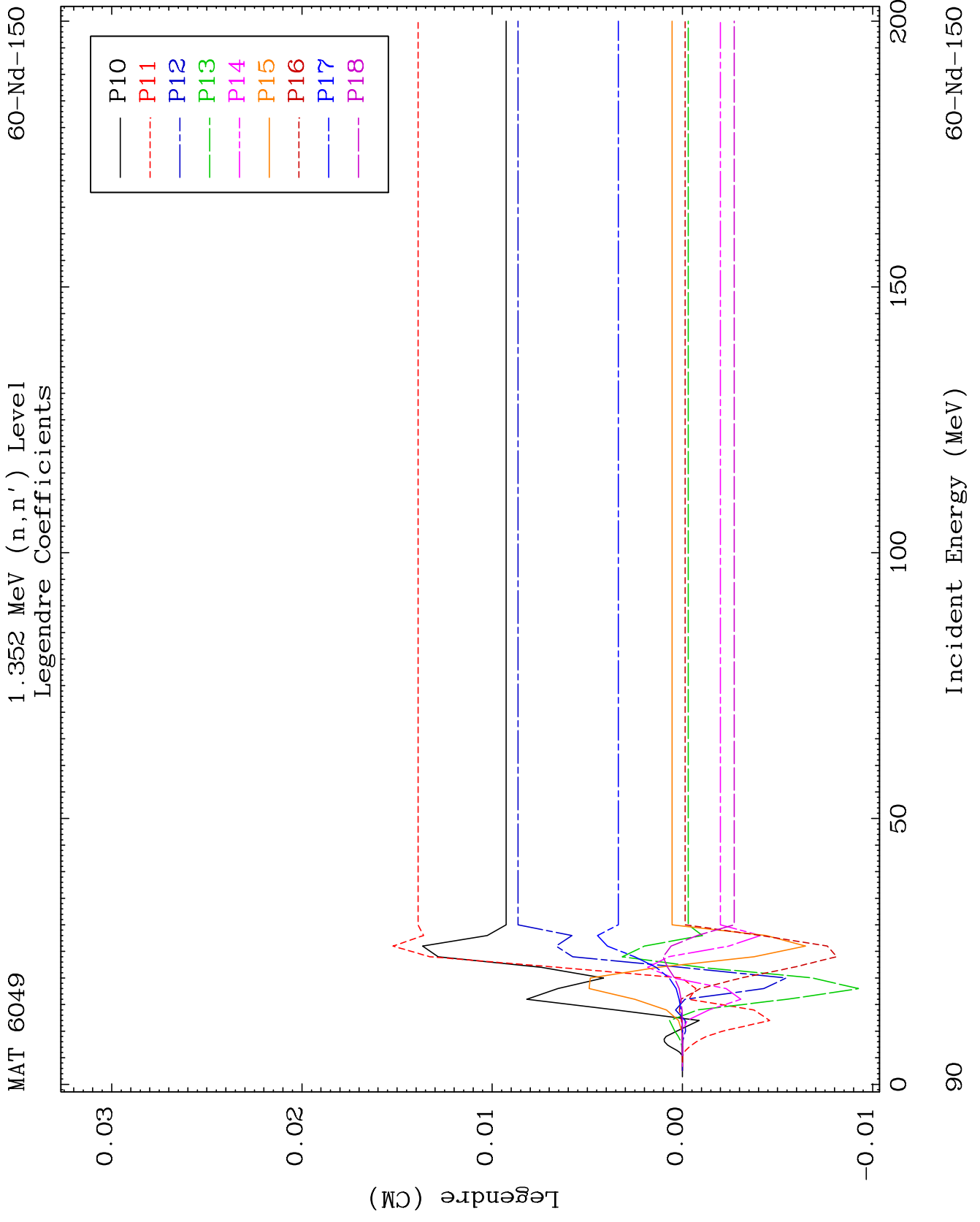
87

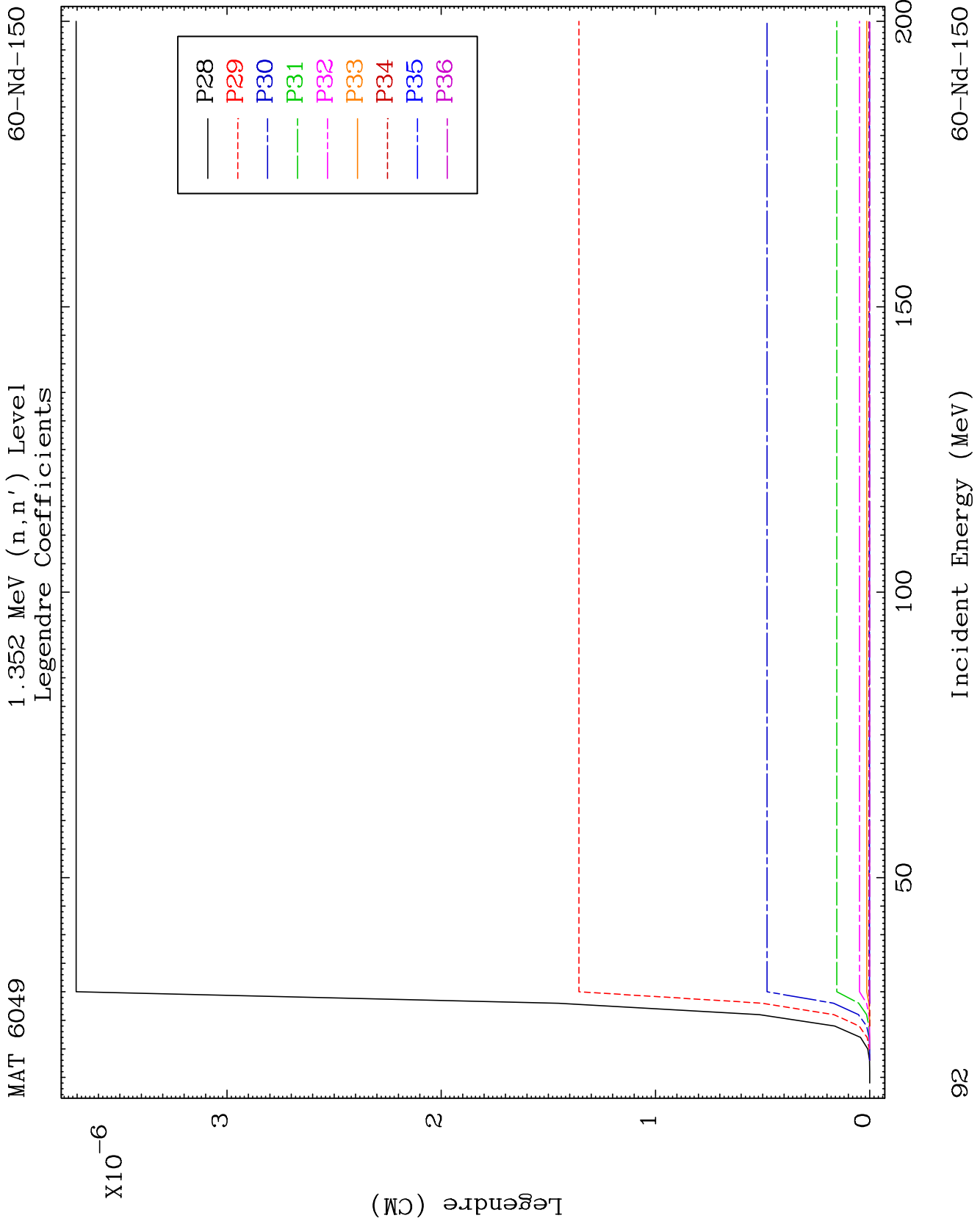
Incident Energy (MeV)

60-Nd-150





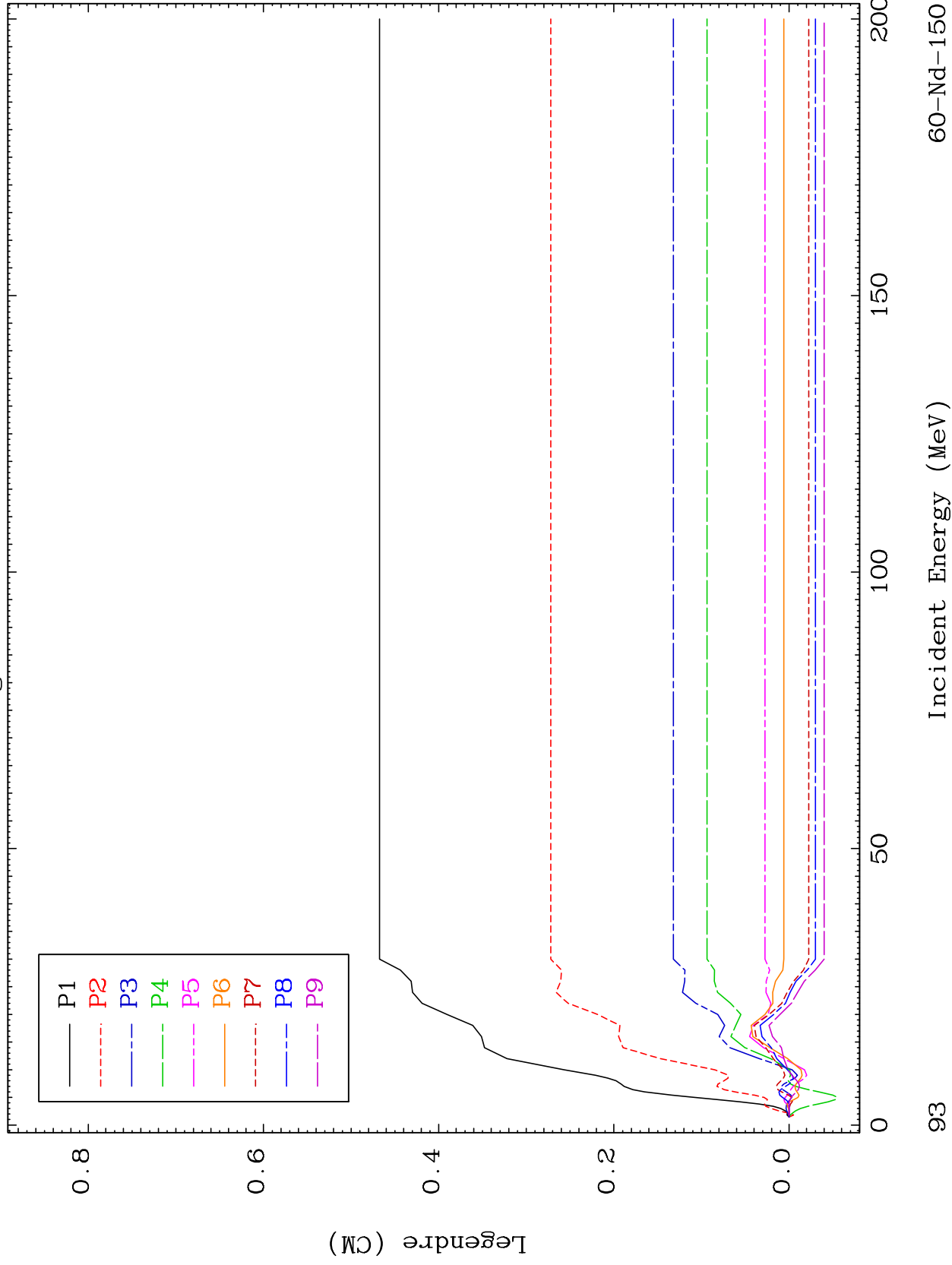




MAT 6049

1.427 MeV (n, n') Level
Legendre Coefficients

60-Nd-150



93

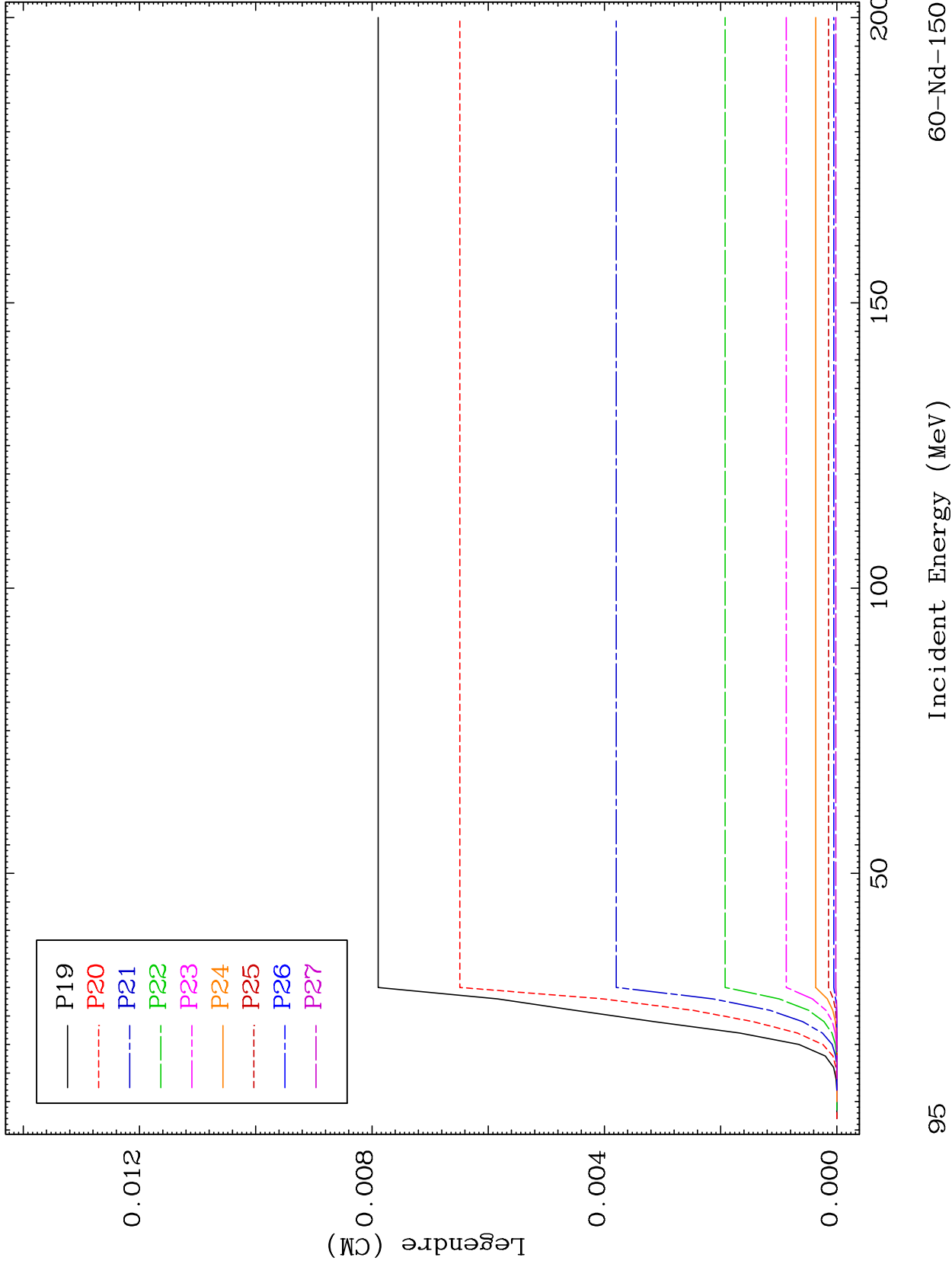
Incident Energy (MeV)

60-Nd-150

MAT 6049

1.427 MeV (n,n') Level
Legendre Coefficients

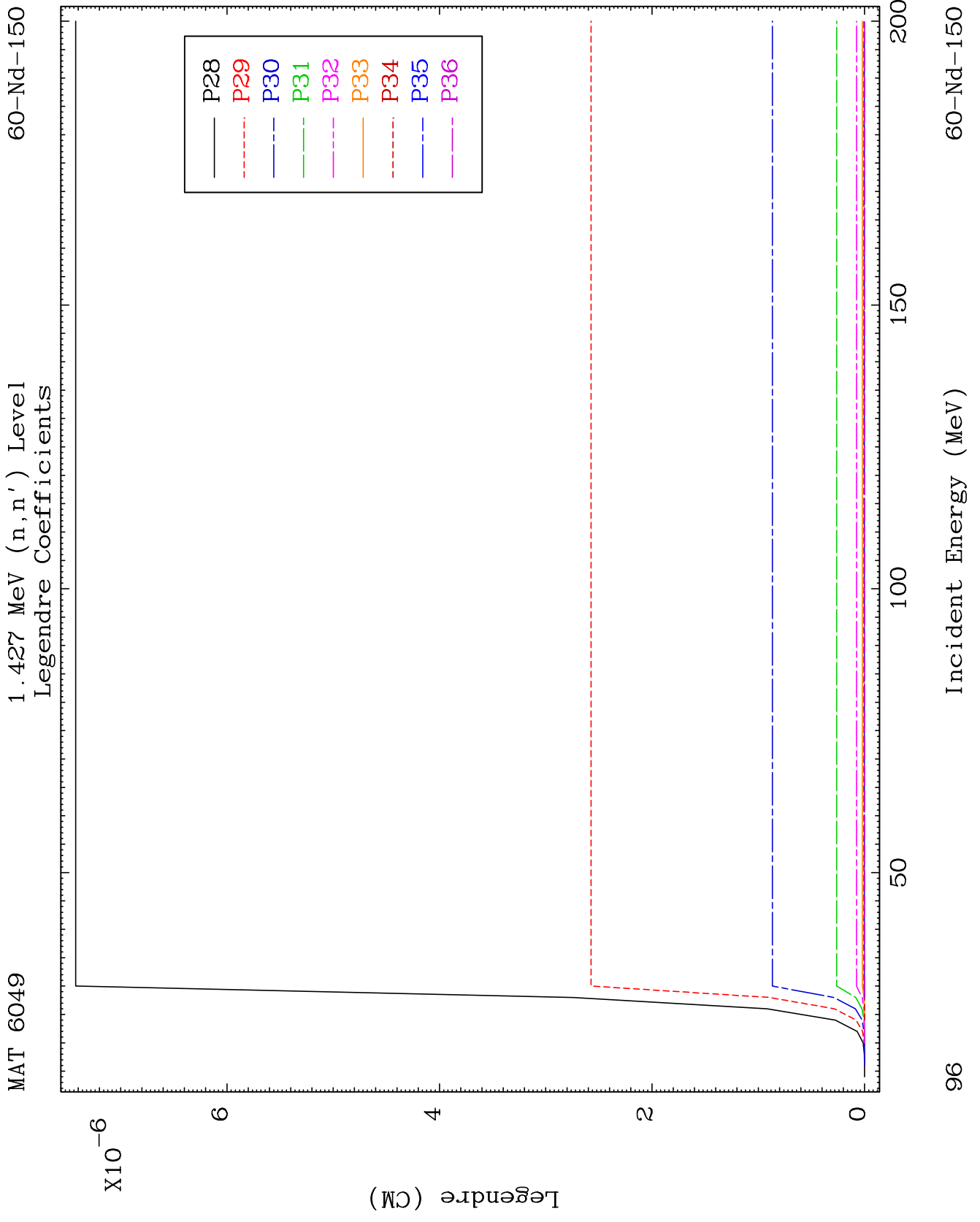
60-Nd-150

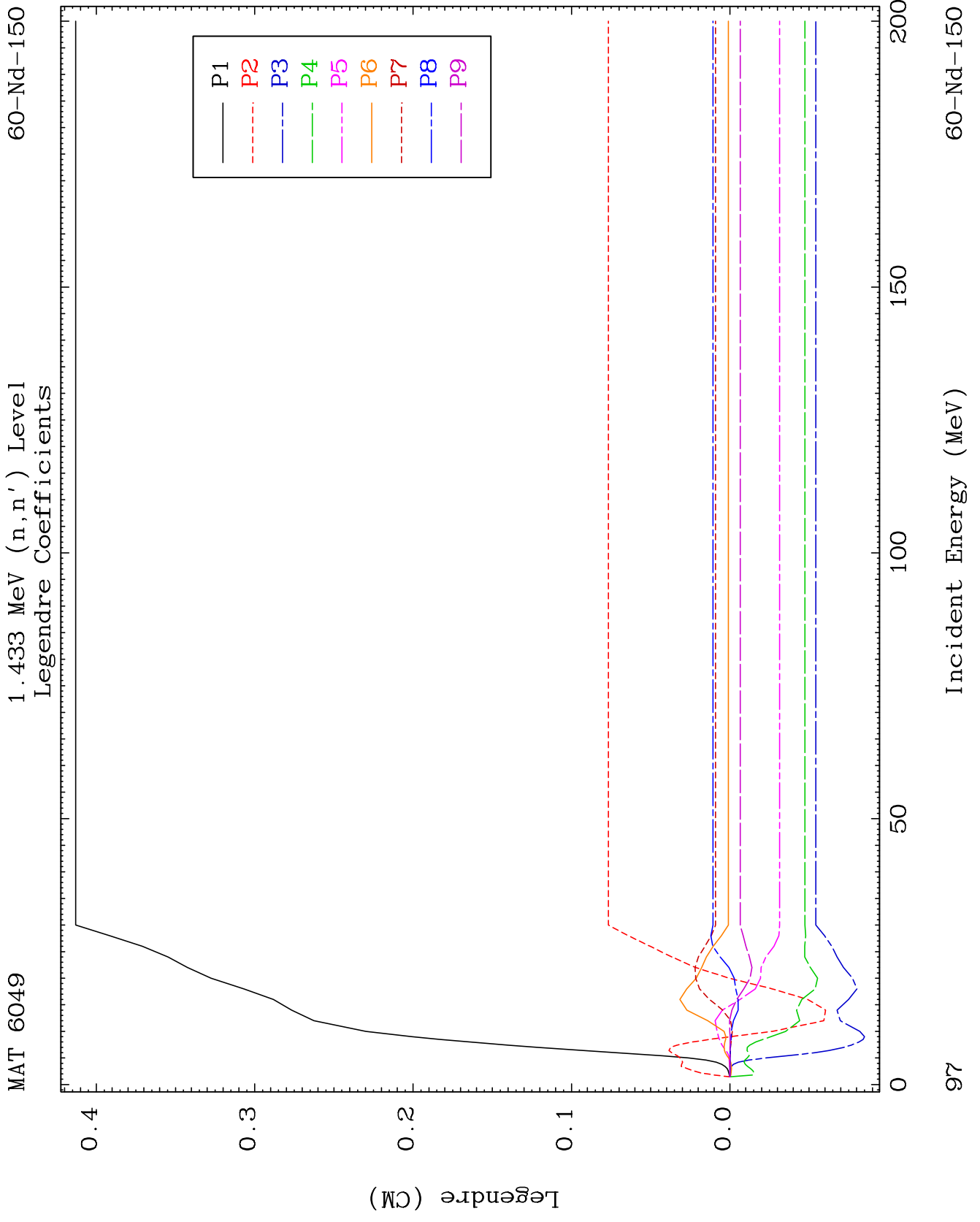


95

Incident Energy (MeV)

60-Nd-150

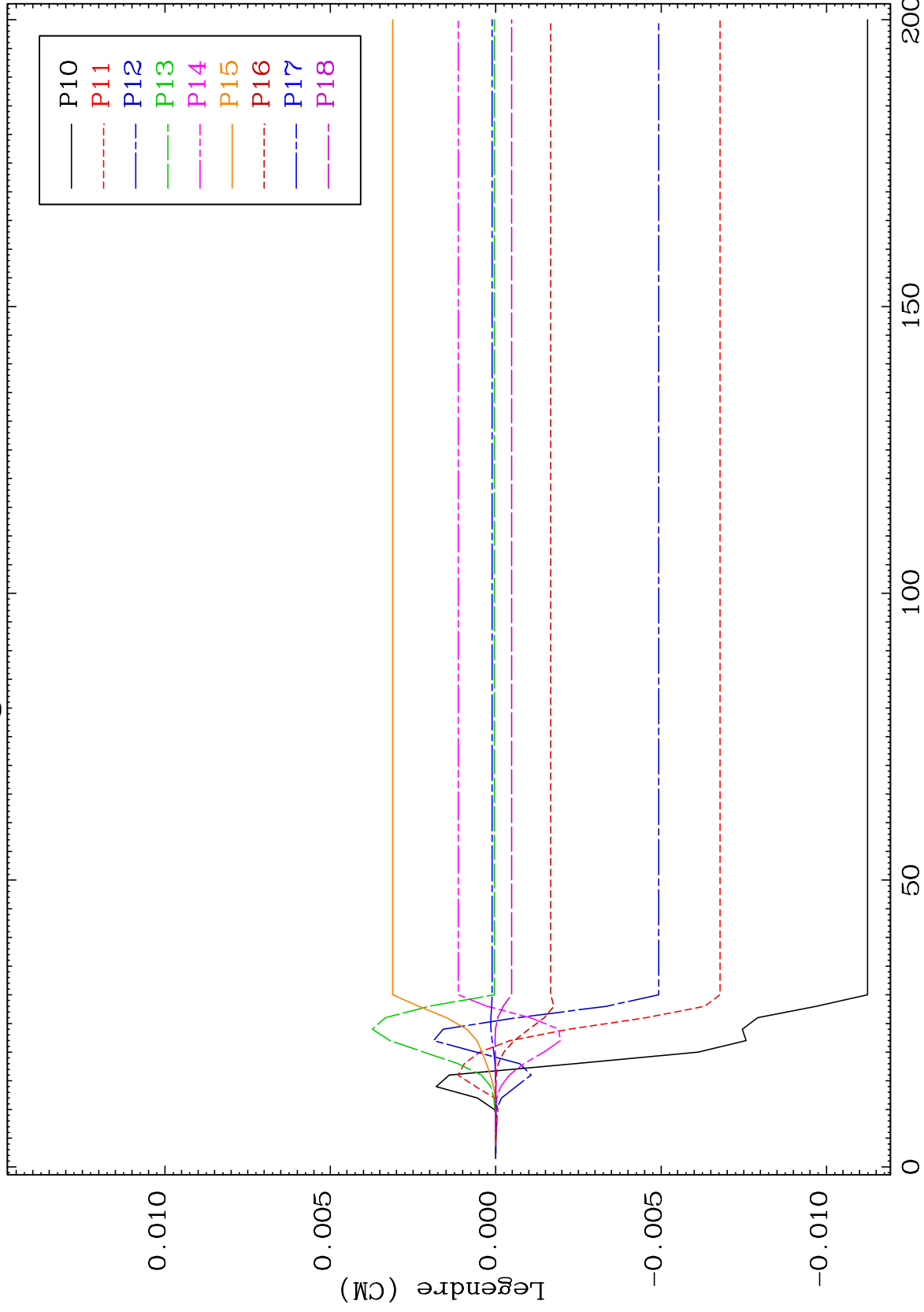




MAT 6049

1.433 MeV (n,n') Level
Legendre Coefficients

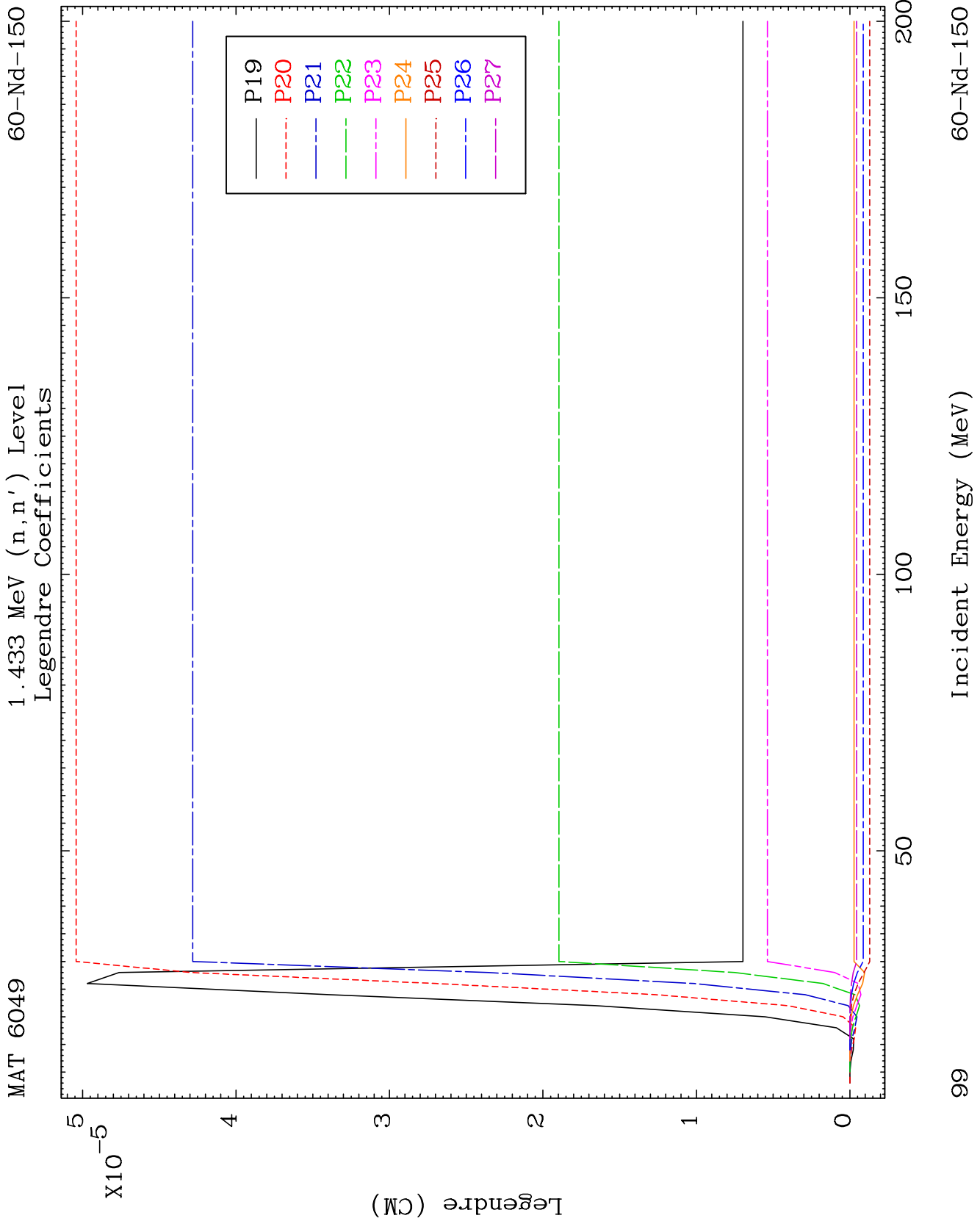
60-Nd-150

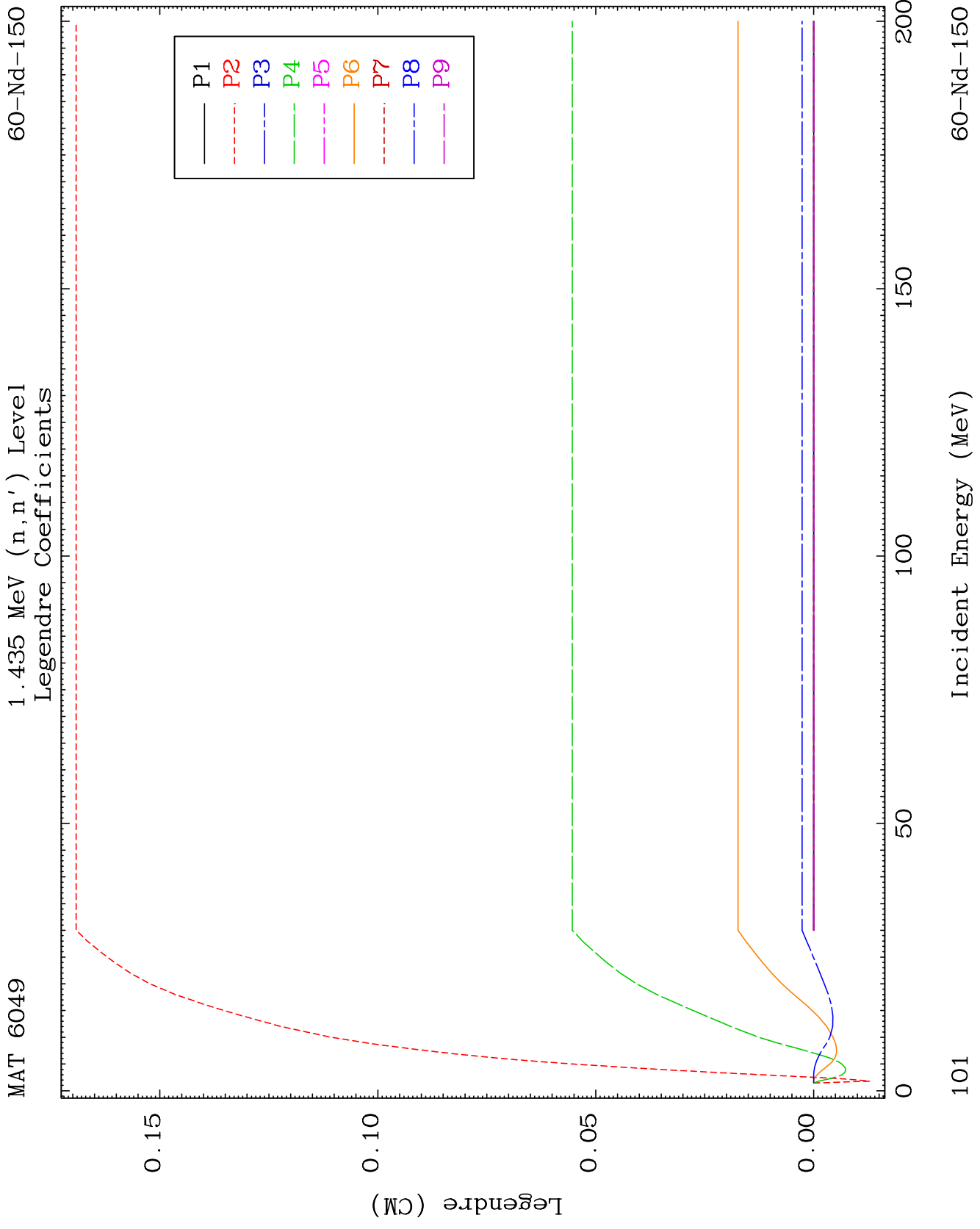


98

Incident Energy (MeV)

60-Nd-150

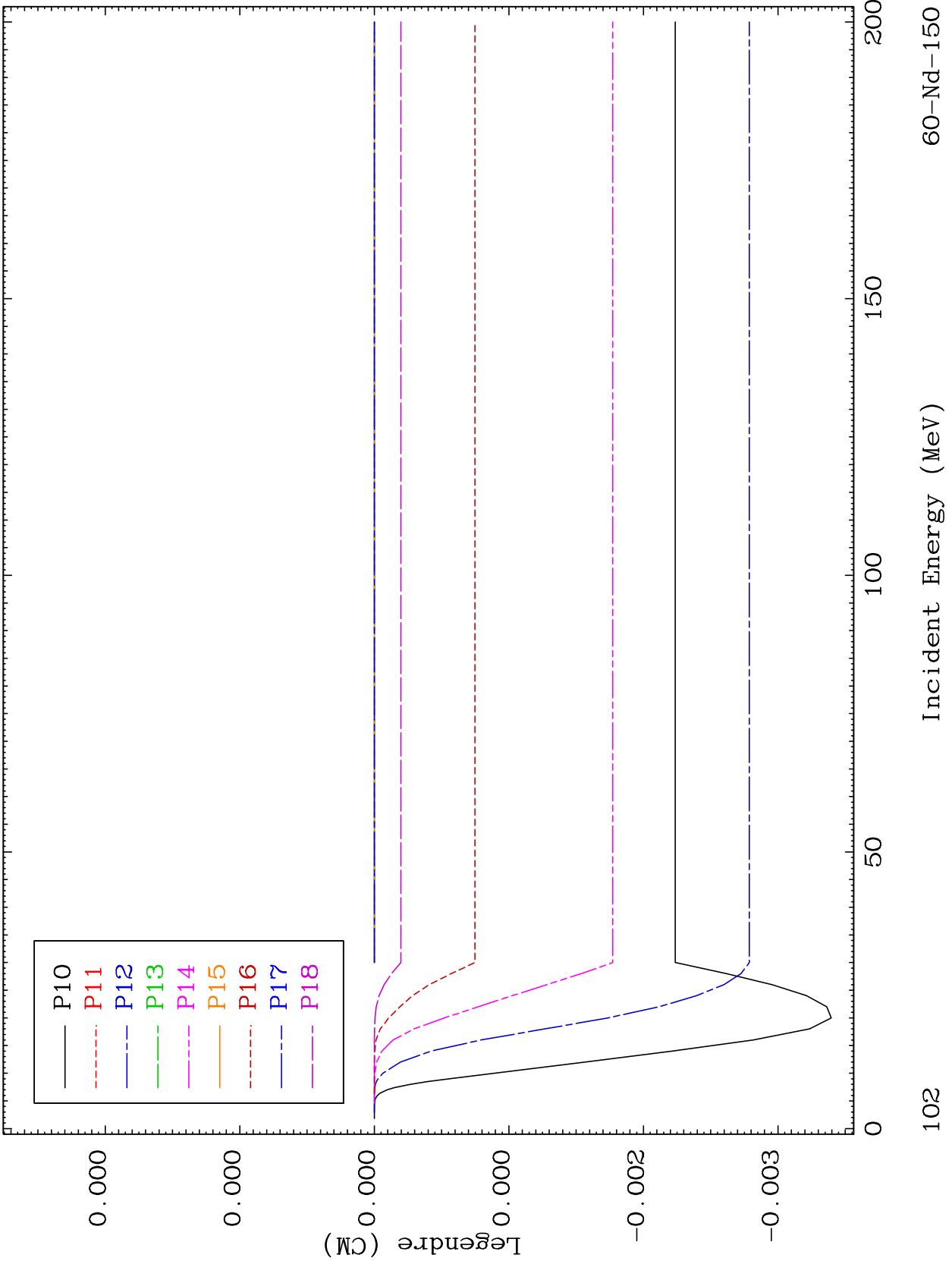




MAT 6049

1.435 MeV (n,n') Level Legendre Coefficients

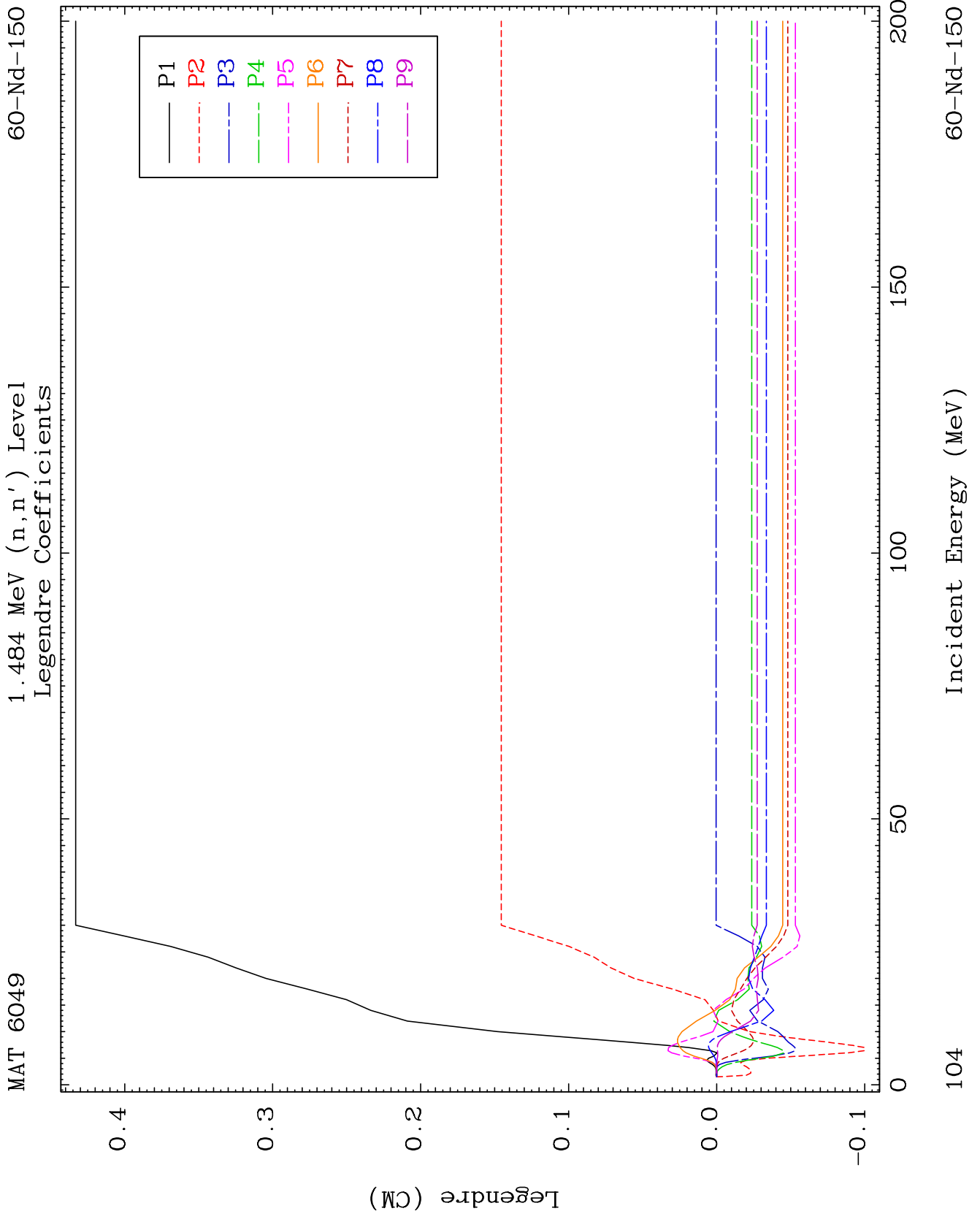
60-Nd-150



60-Nd-150

Incident Energy (MeV)

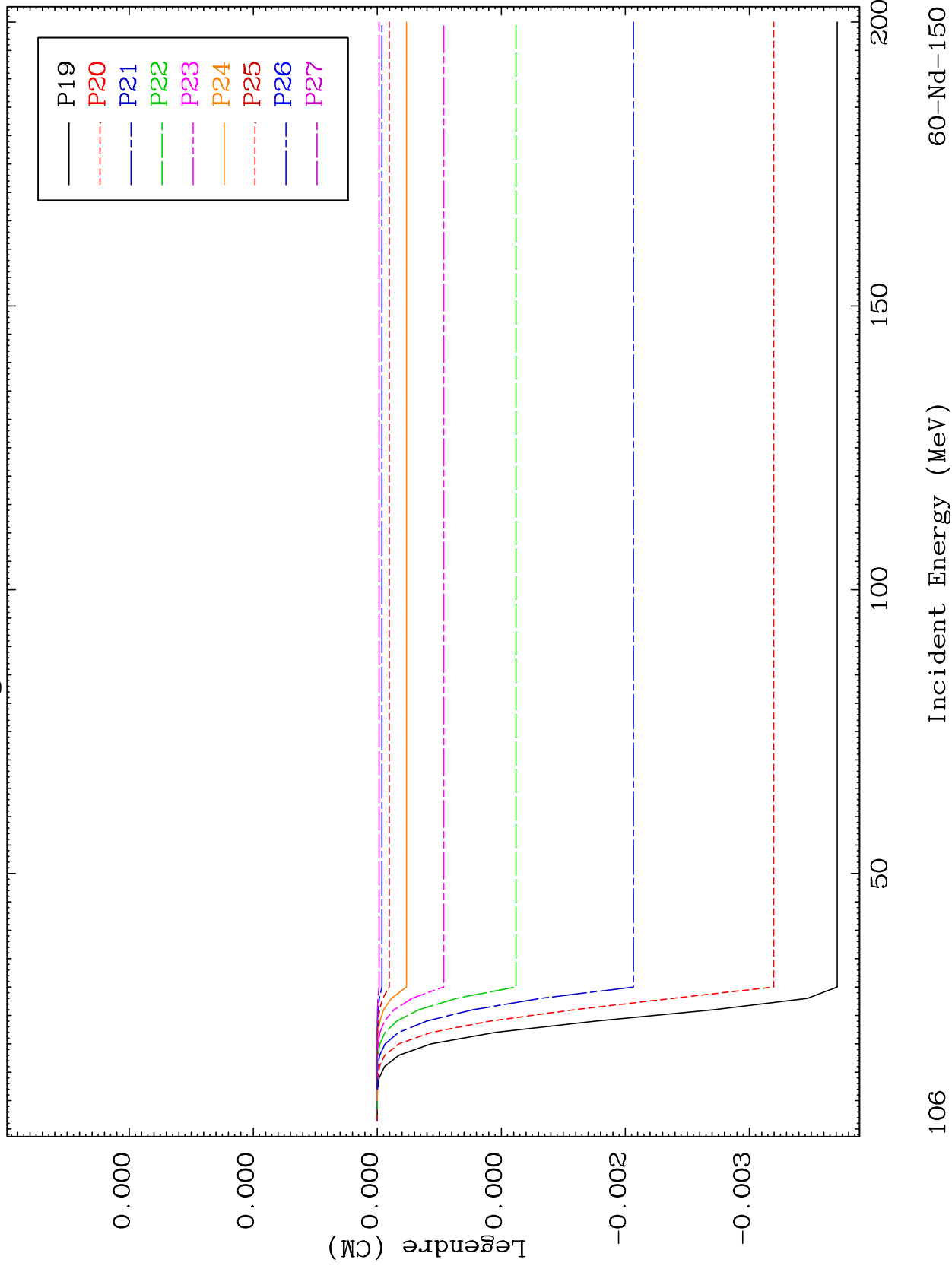
102



MAT 6049

1.484 MeV (n,n') Level
Legendre Coefficients

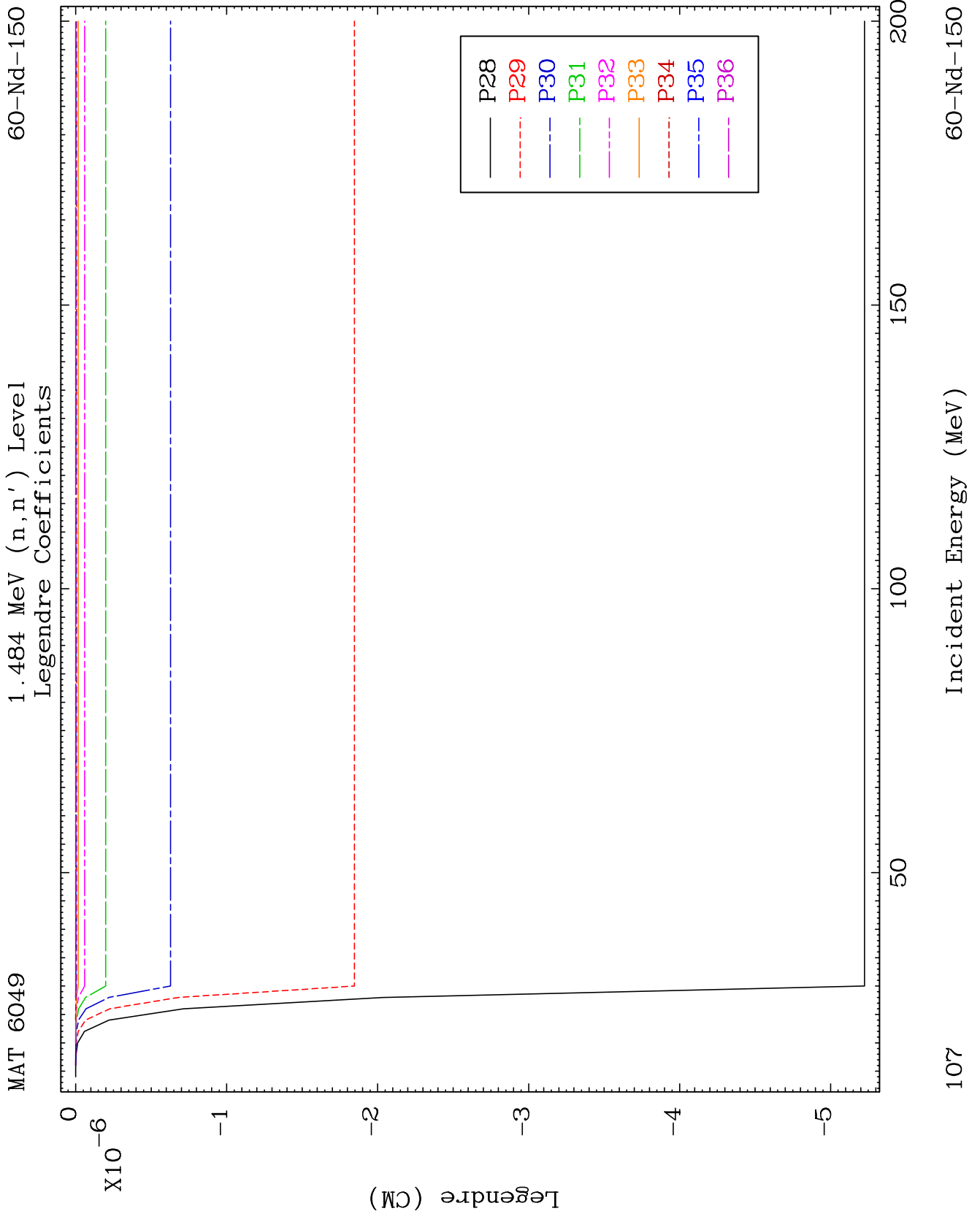
60-Nd-150

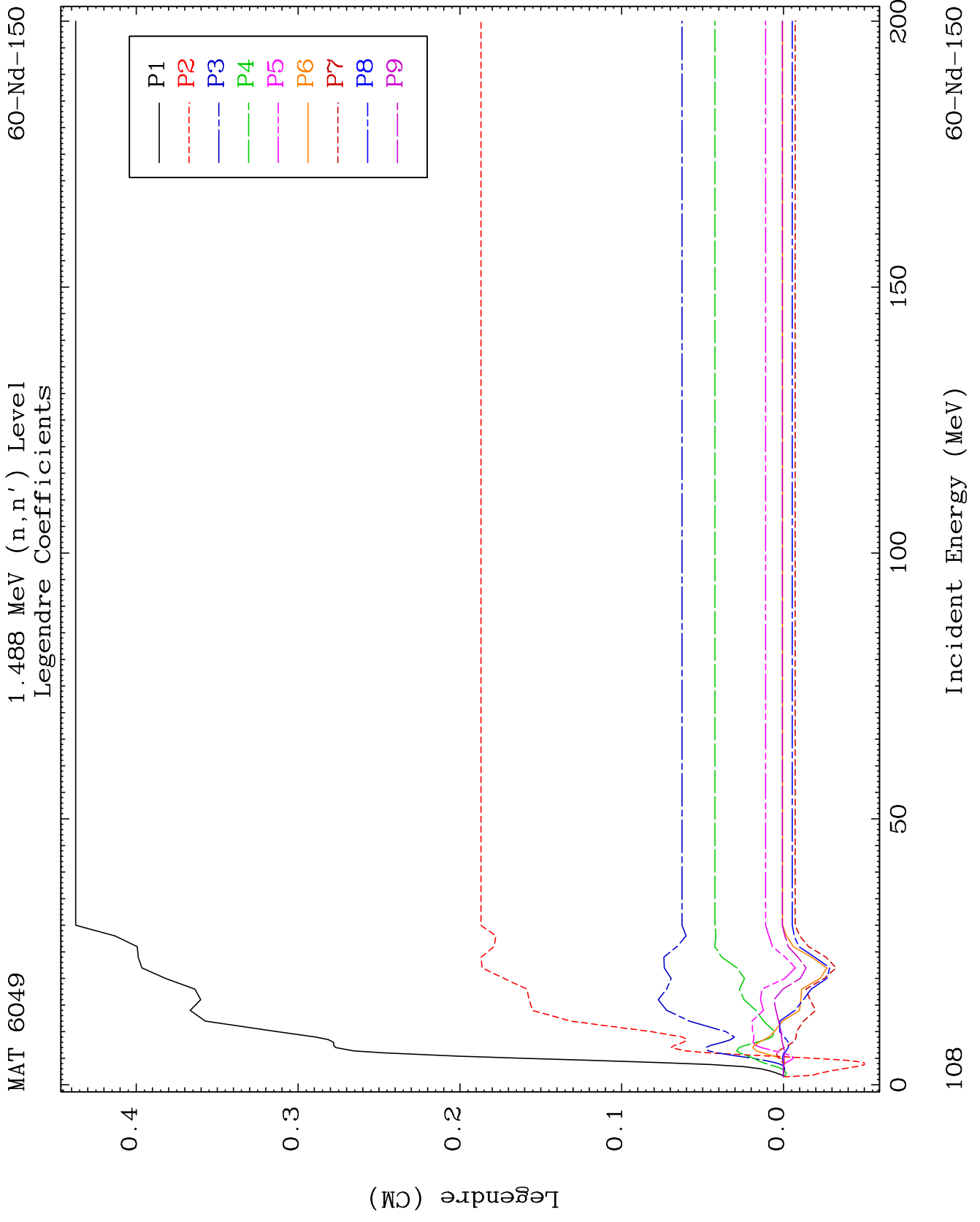


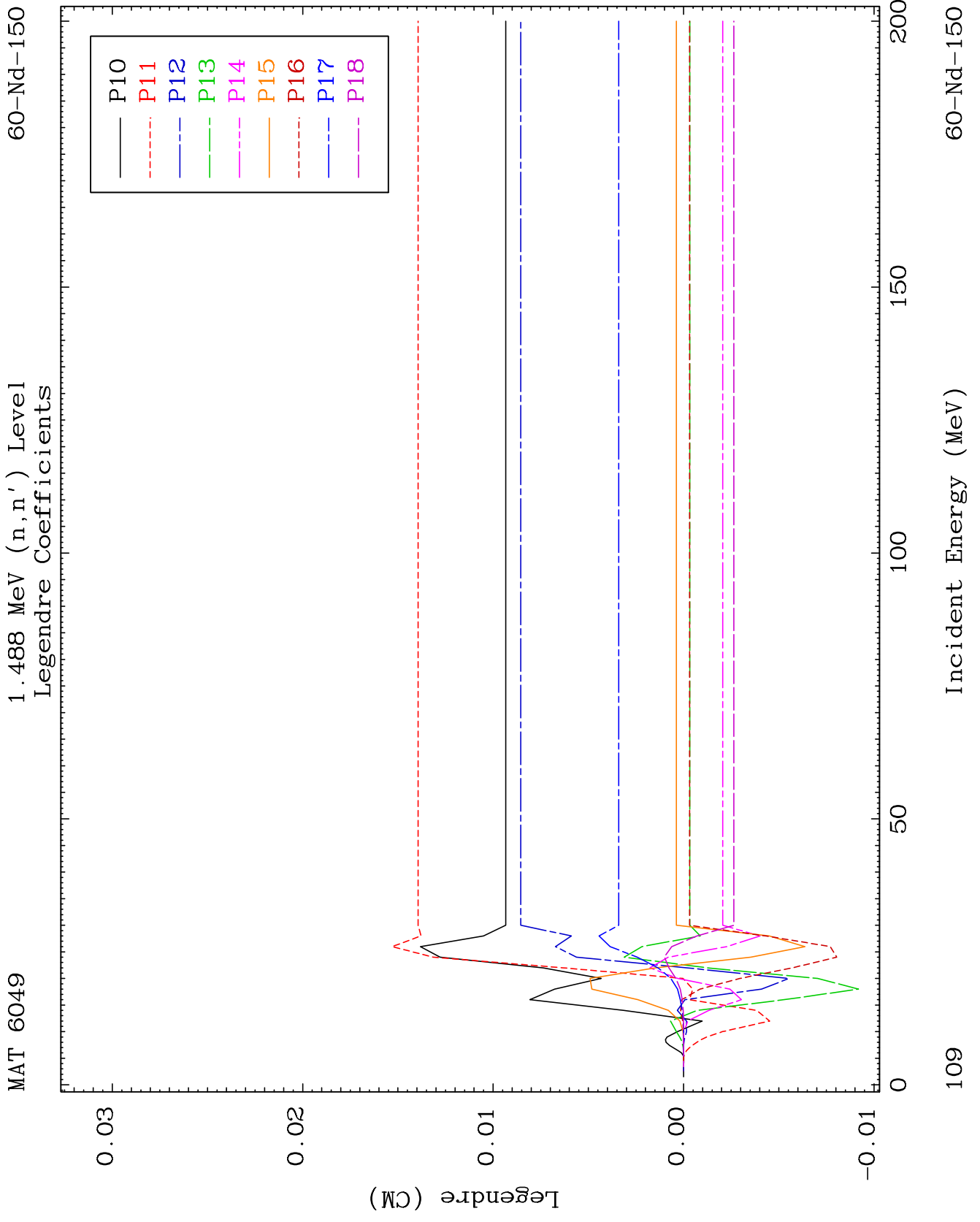
106

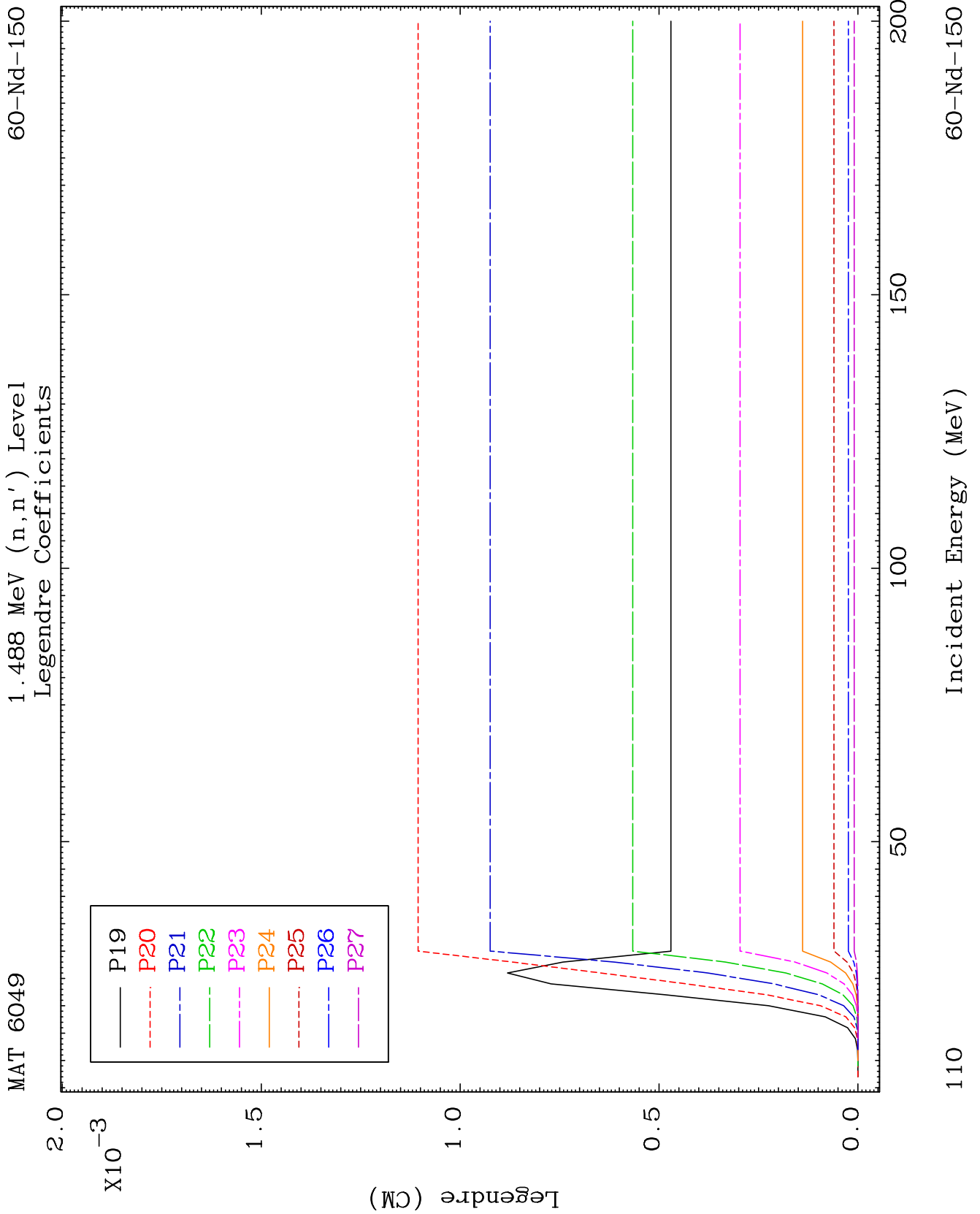
Incident Energy (MeV)

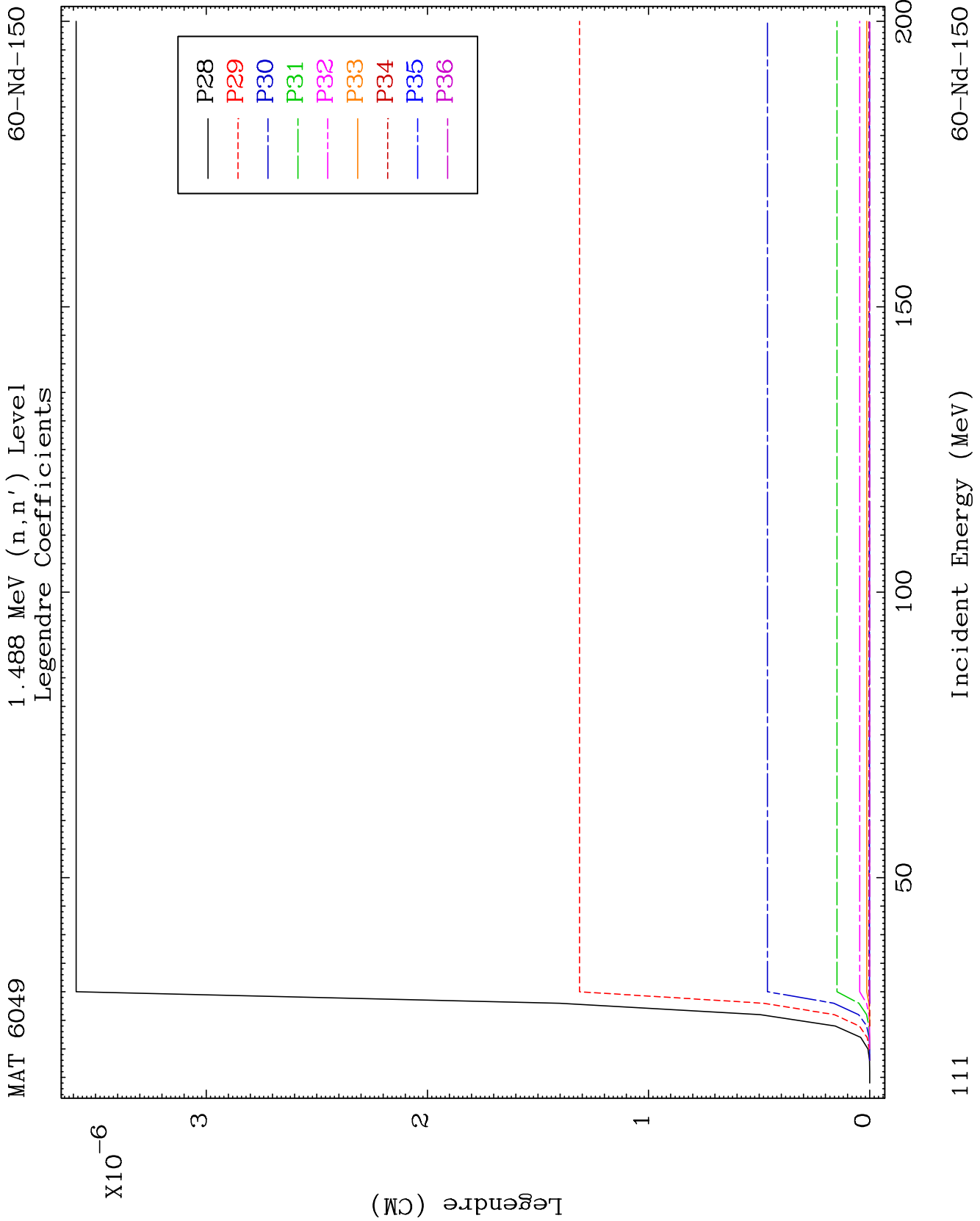
60-Nd-150

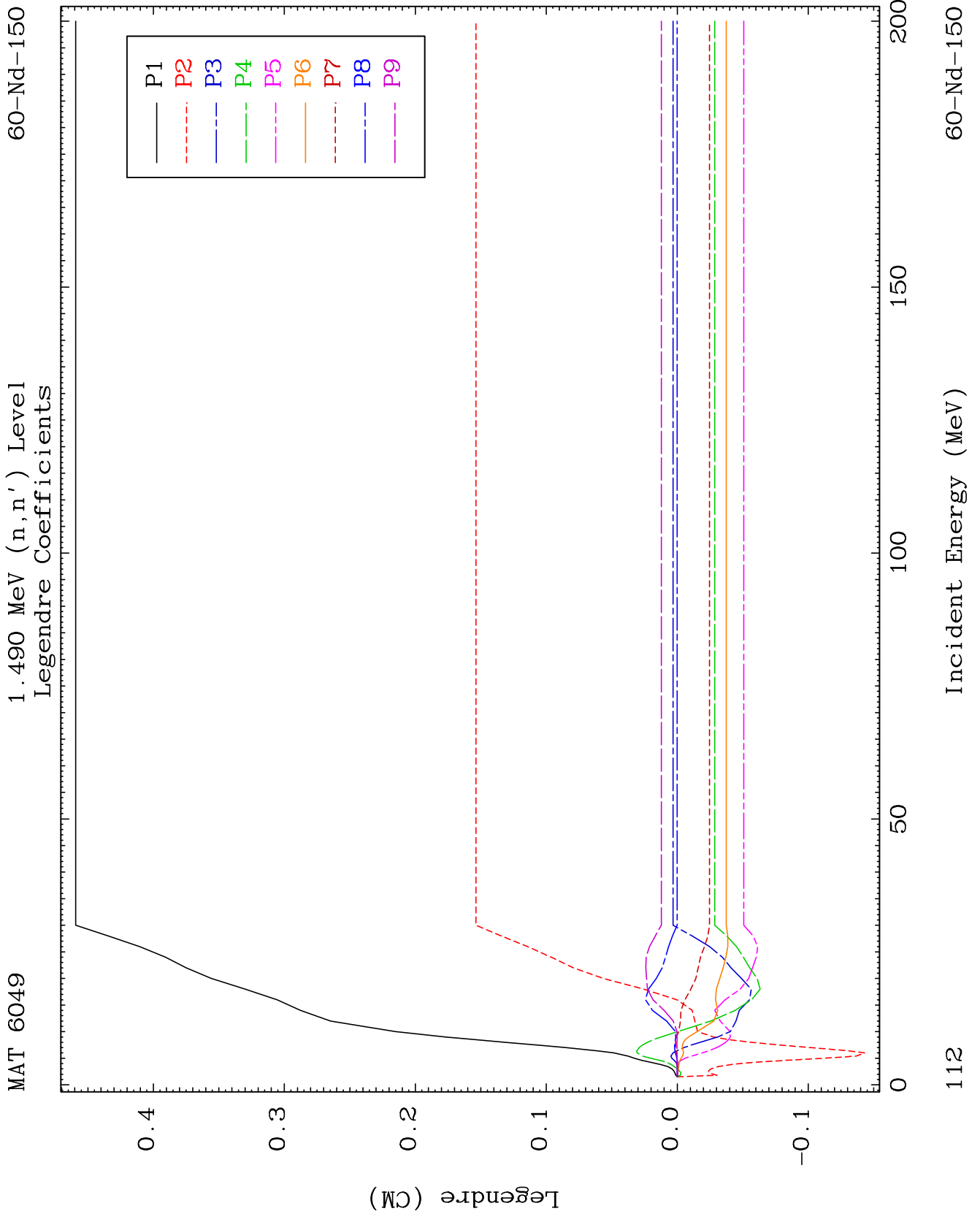


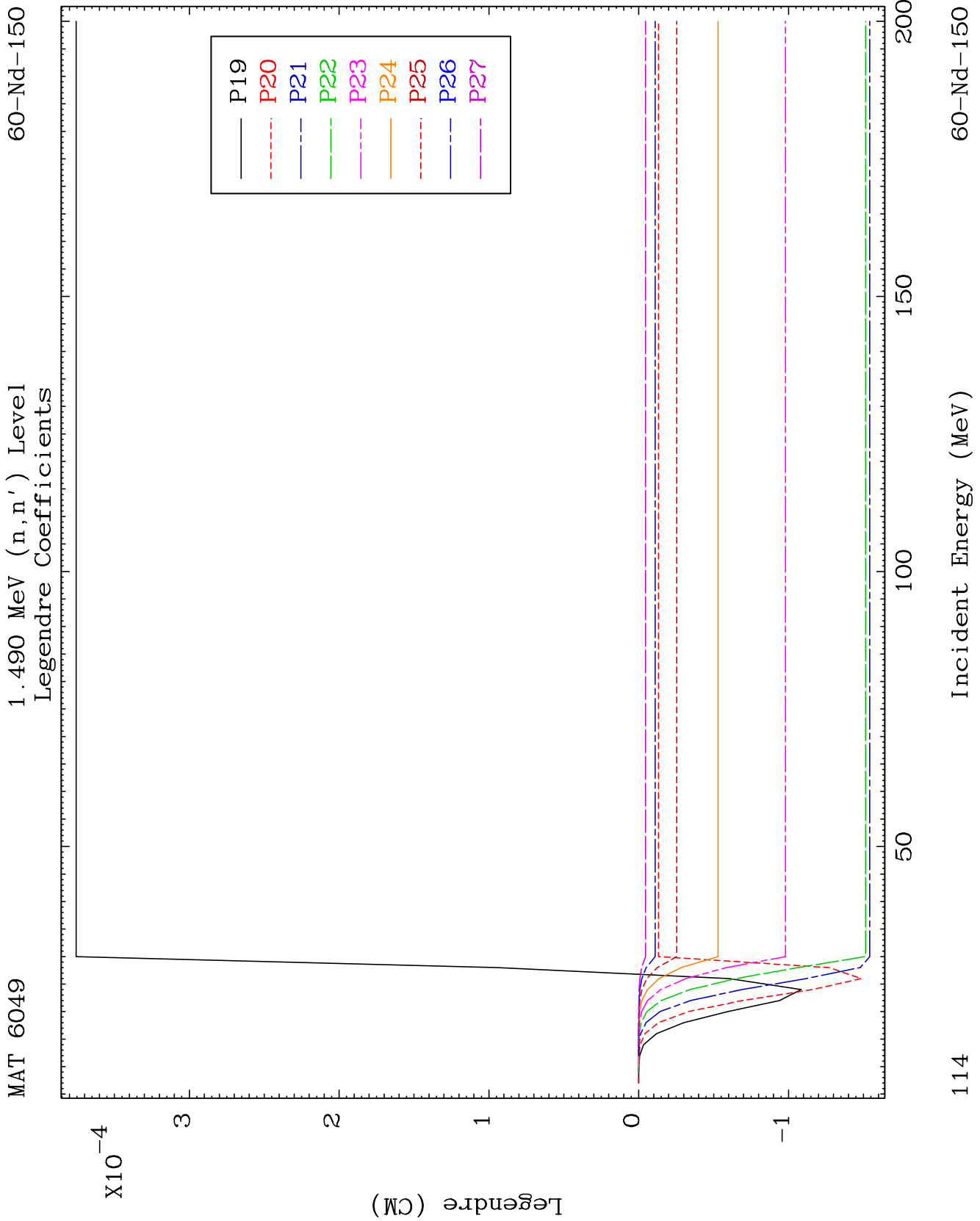


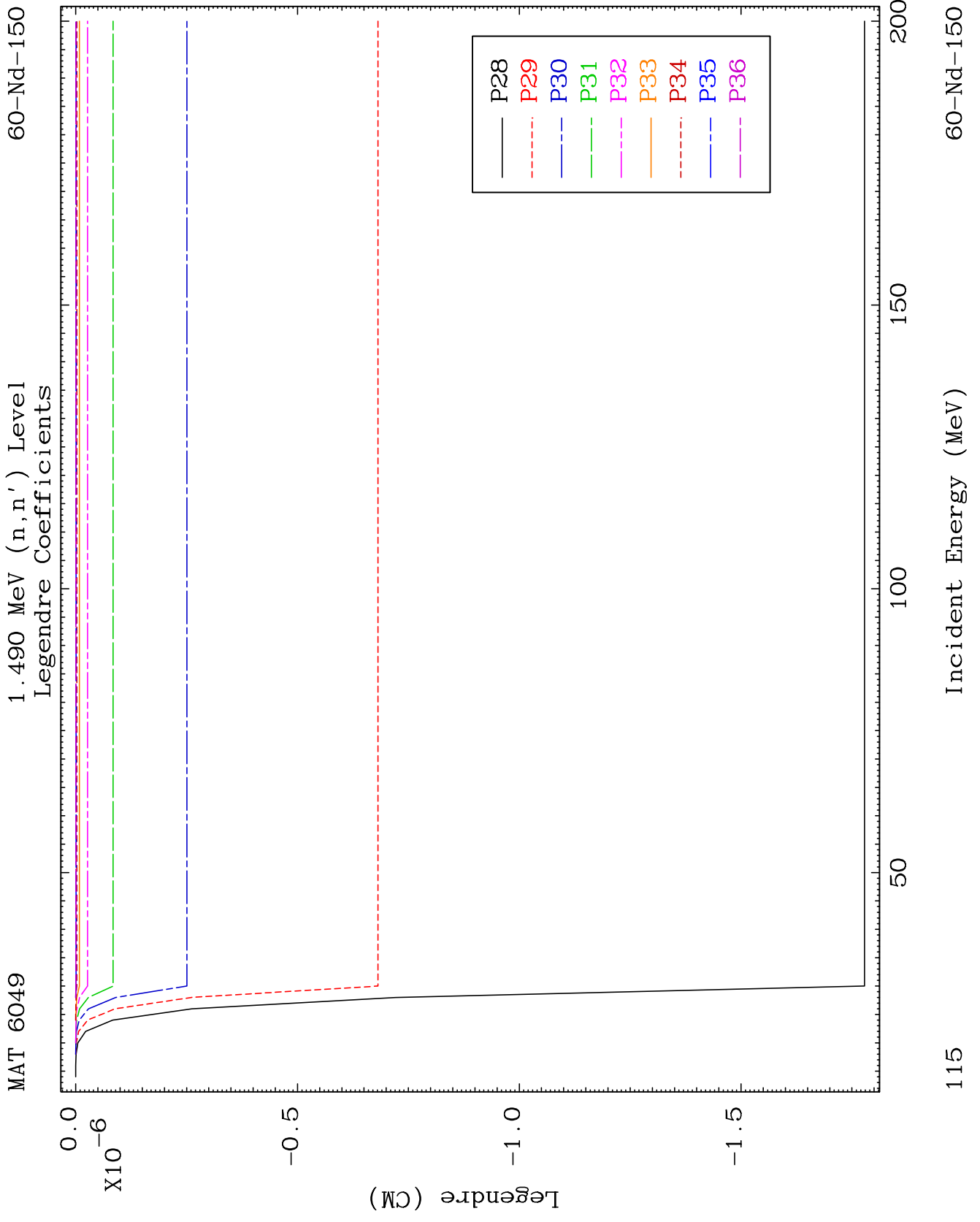


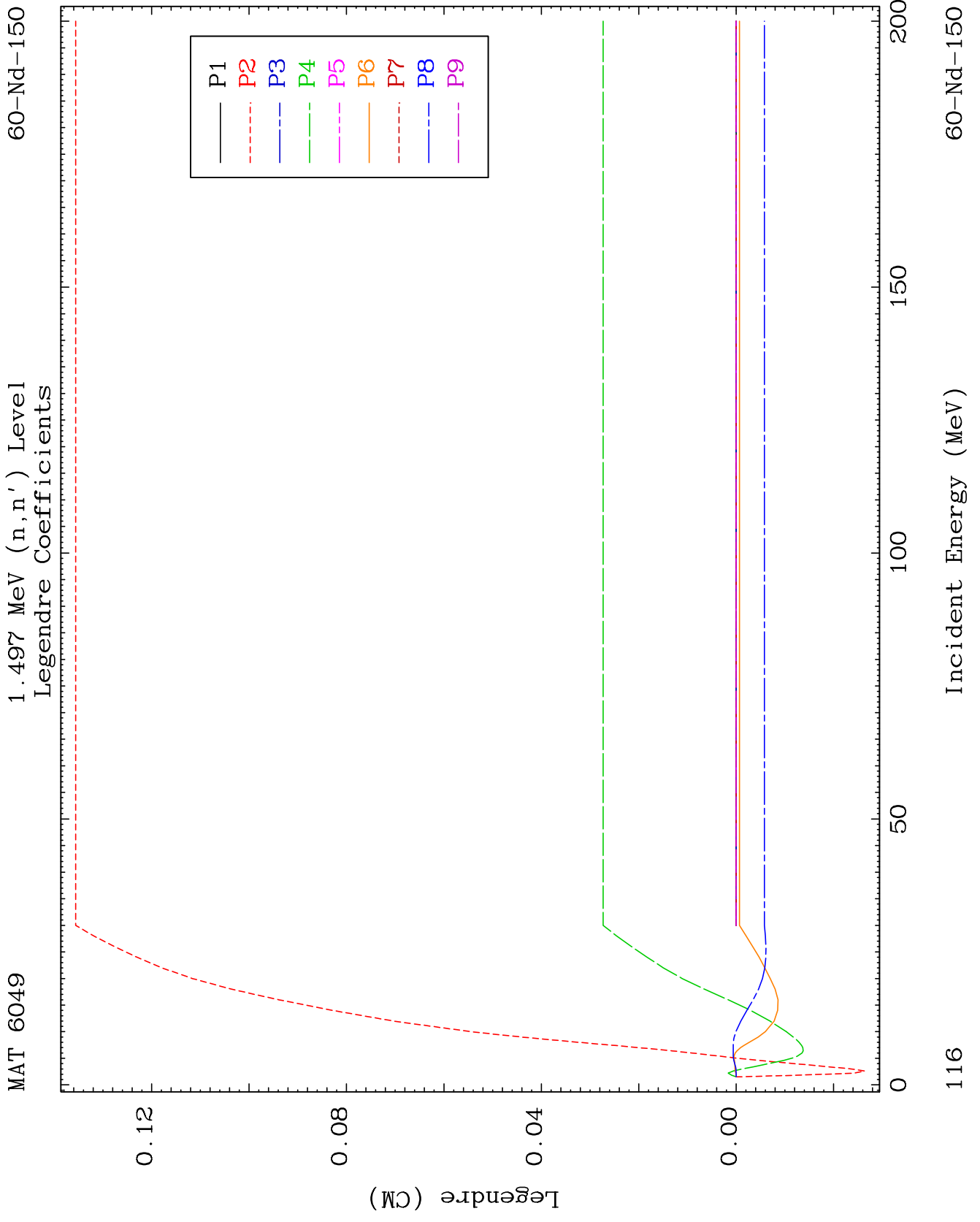


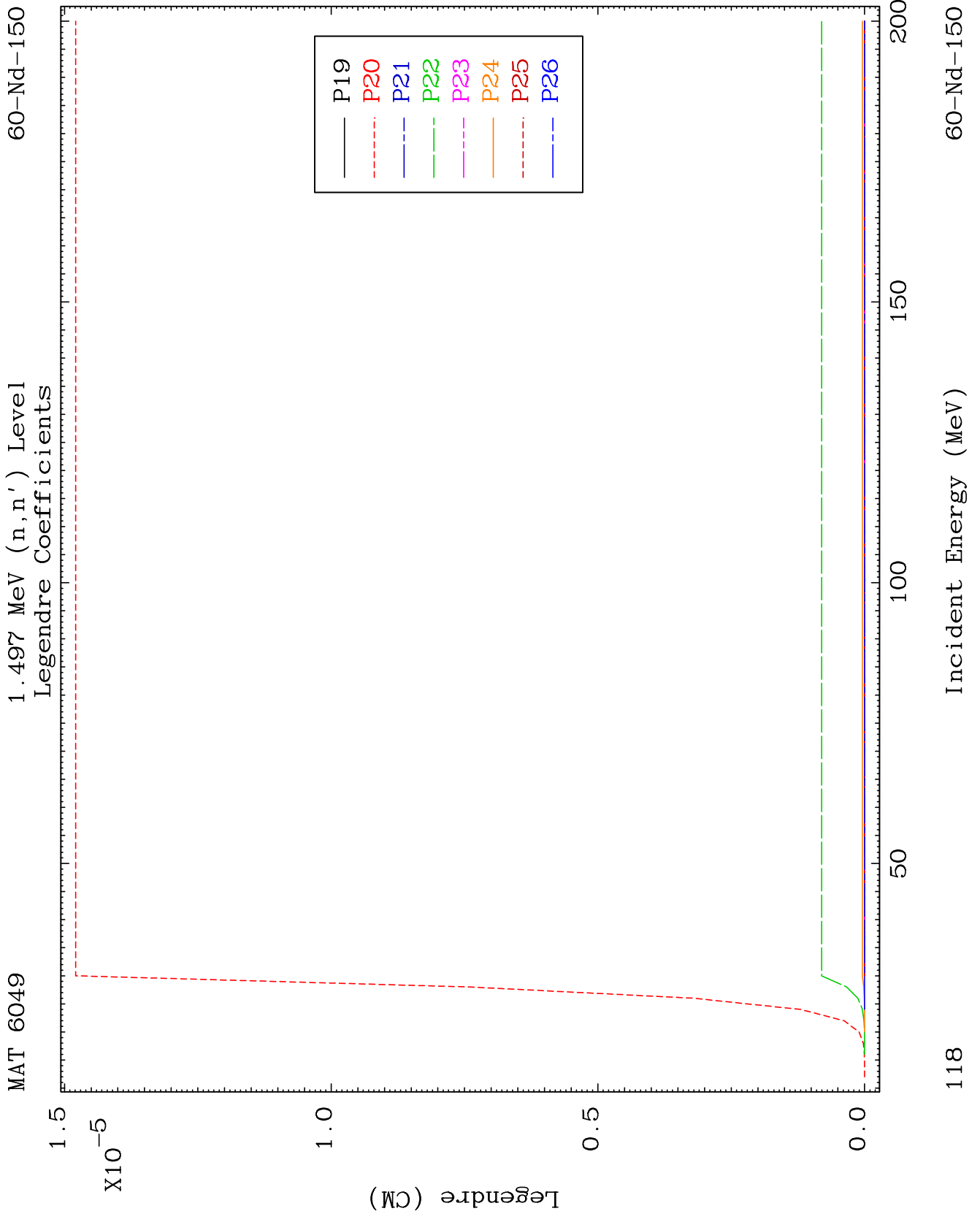








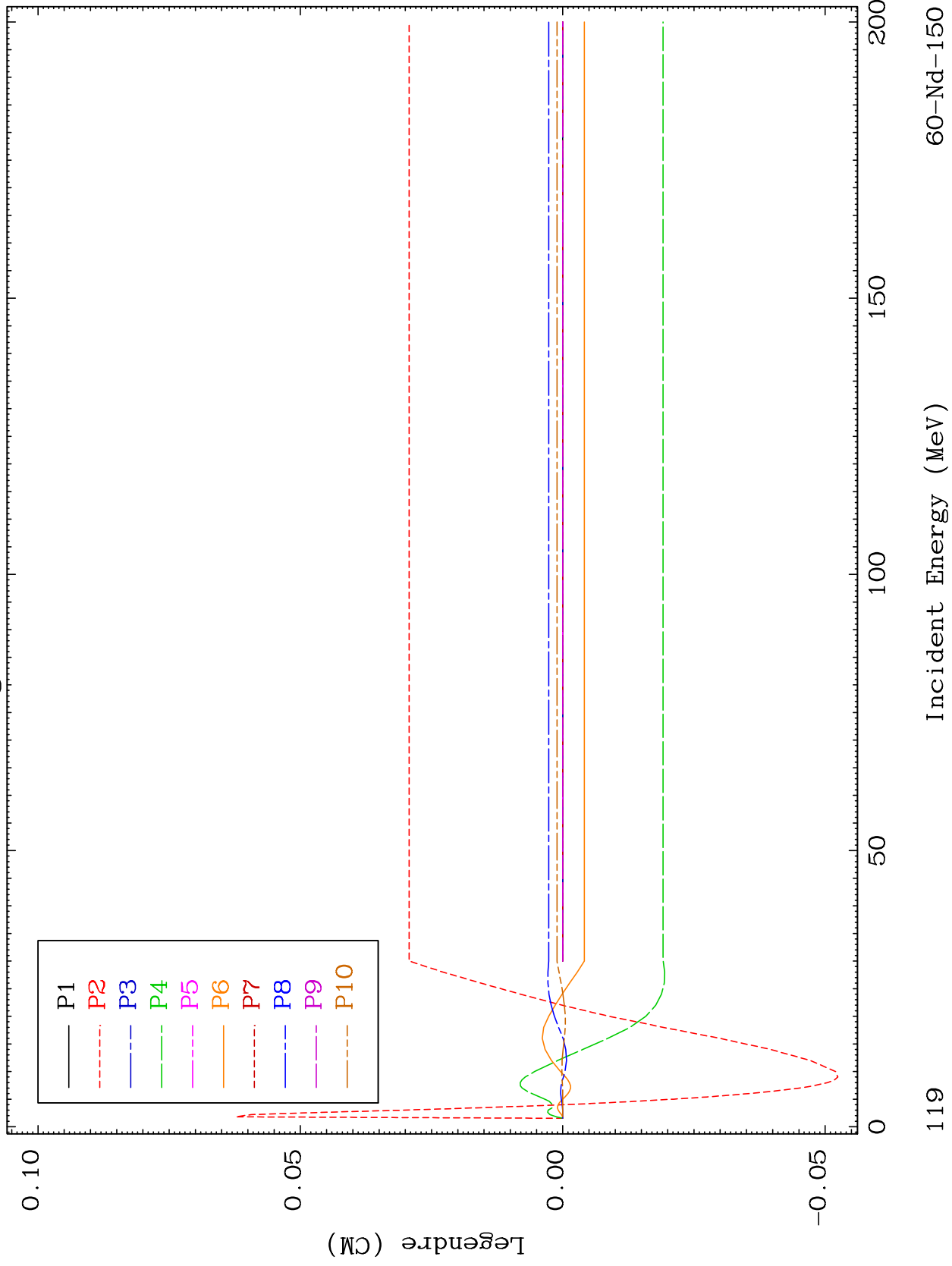




MAT 6049

1.517 MeV (n,n') Level
Legendre Coefficients

60-Nd-150



119

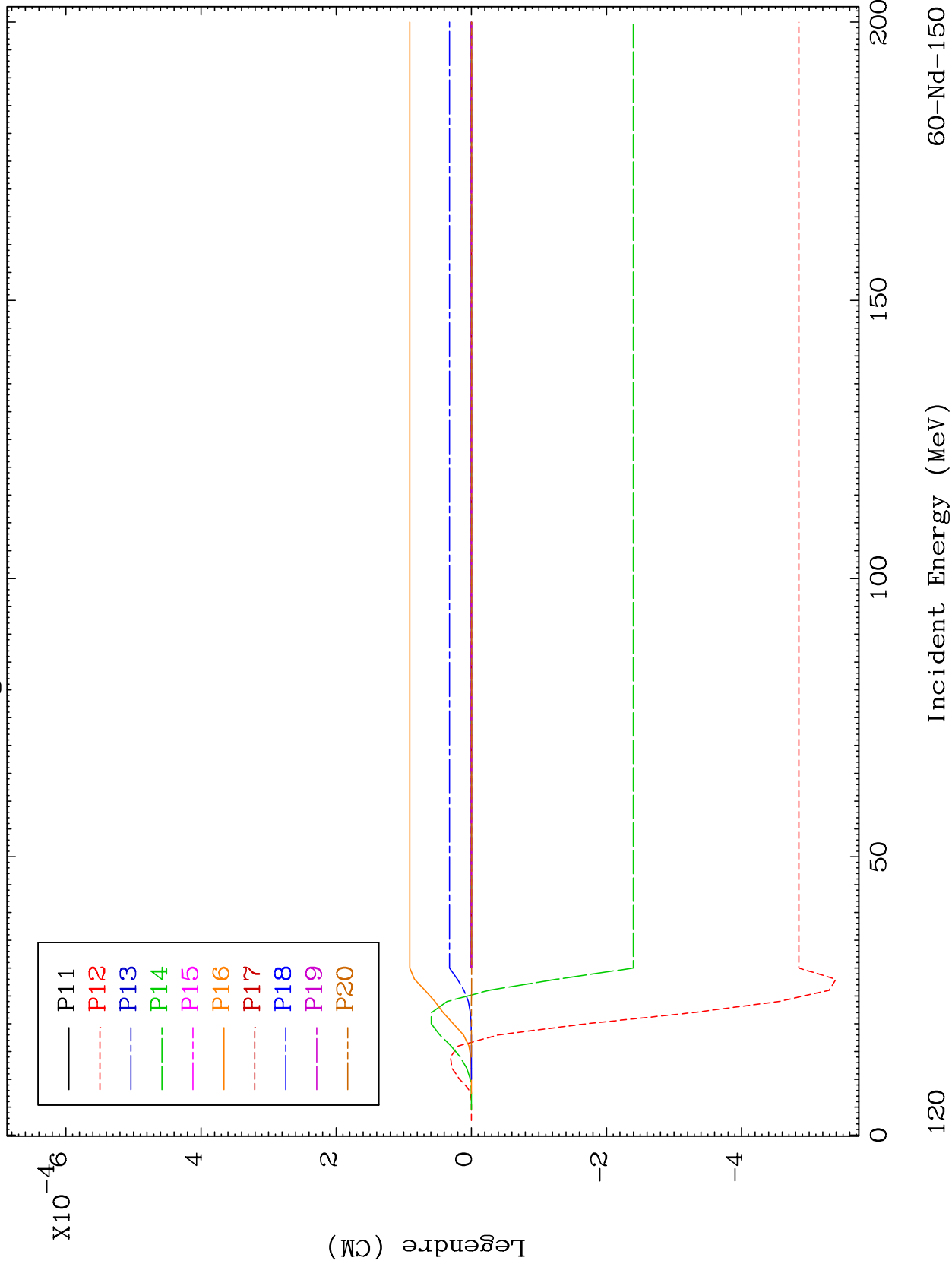
Incident Energy (MeV)

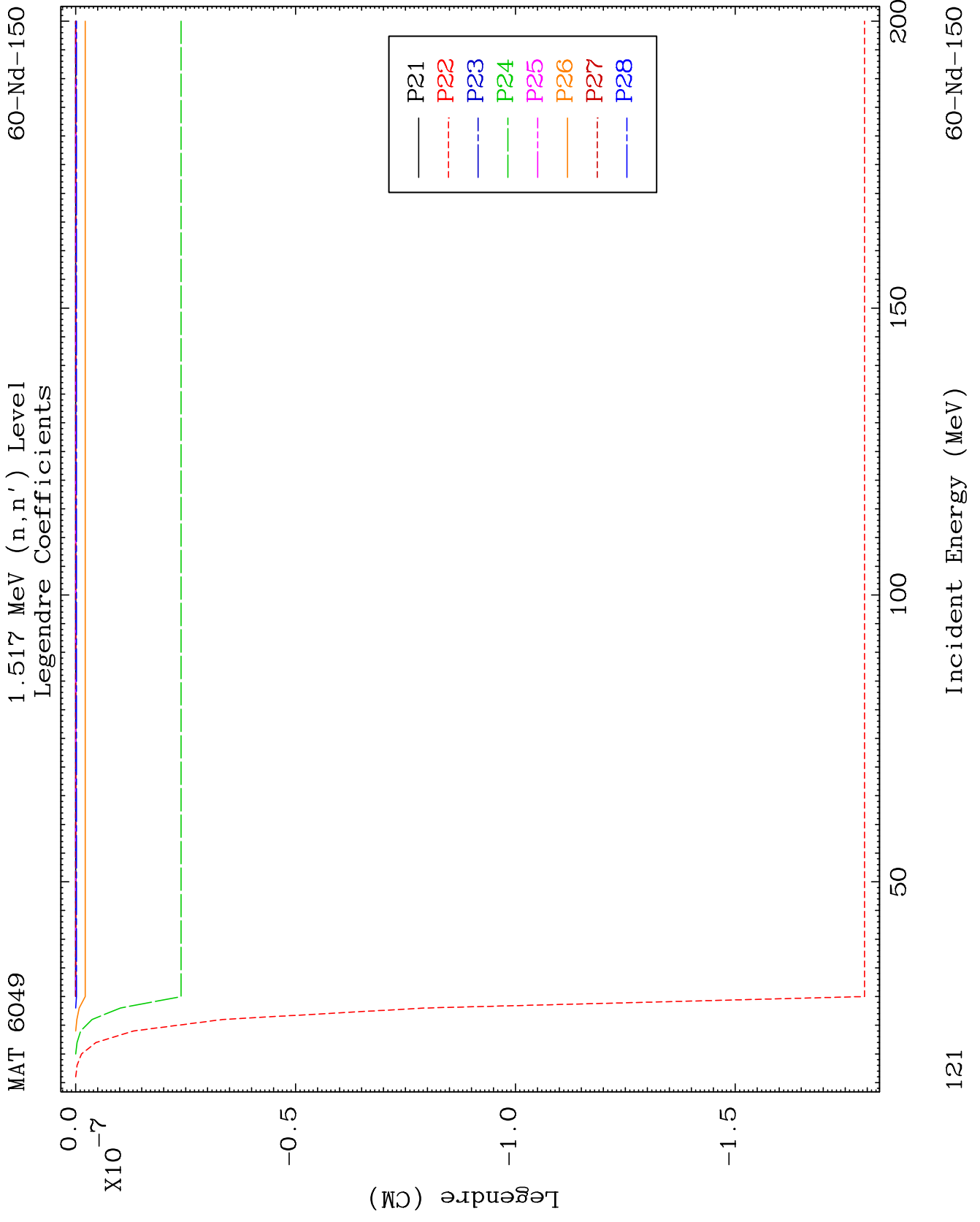
60-Nd-150

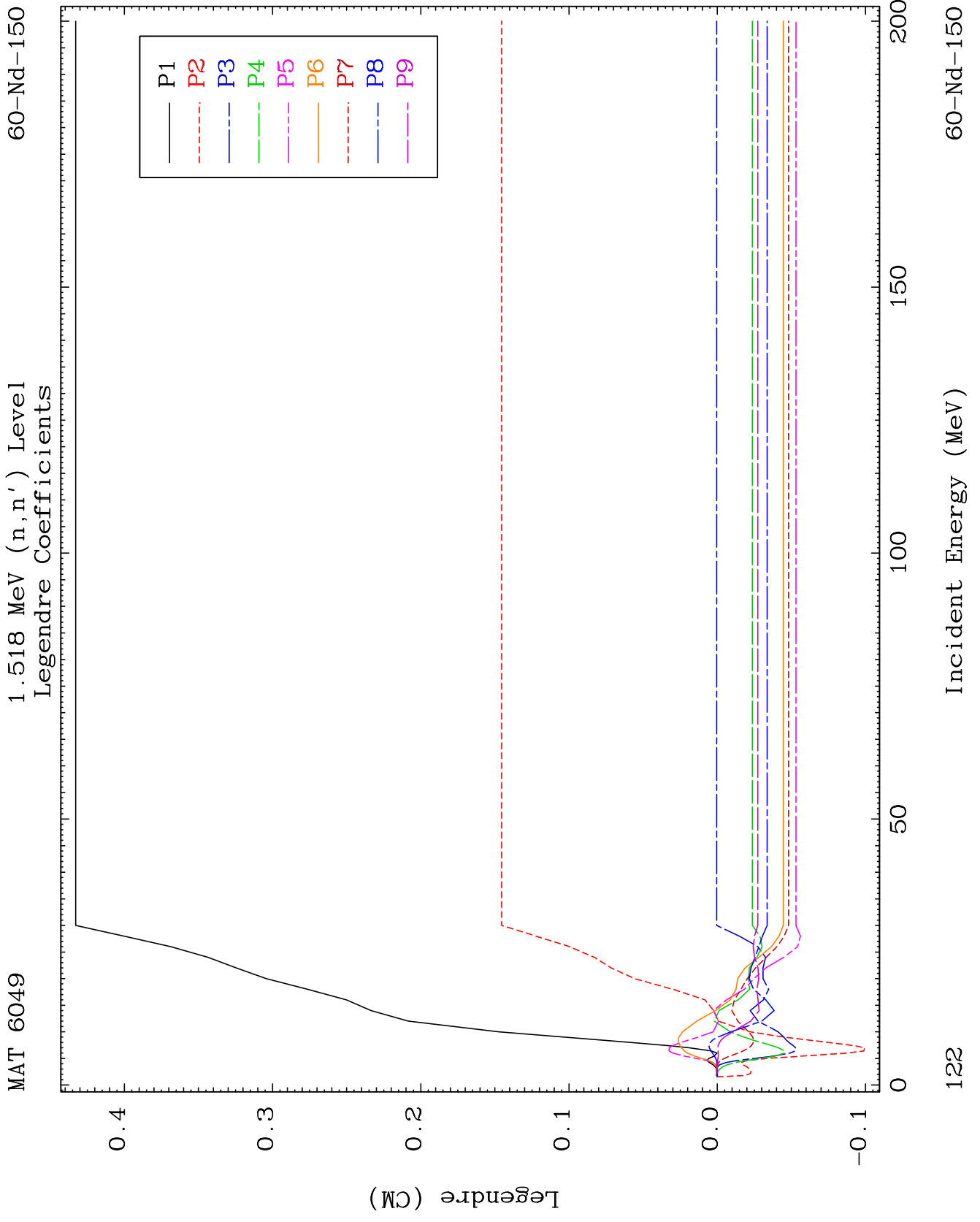
MAT 6049

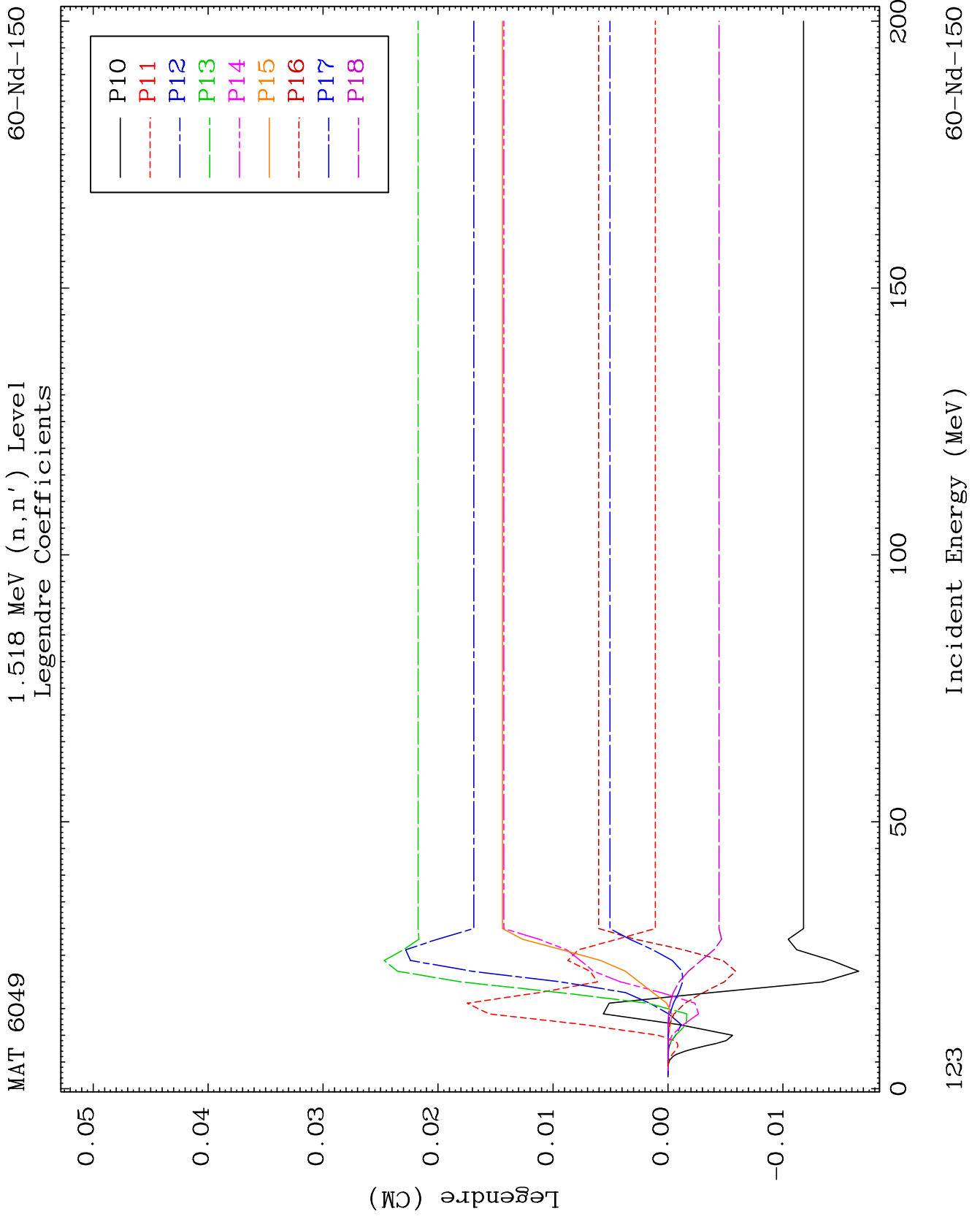
1.517 MeV (n,n') Level
Legendre Coefficients

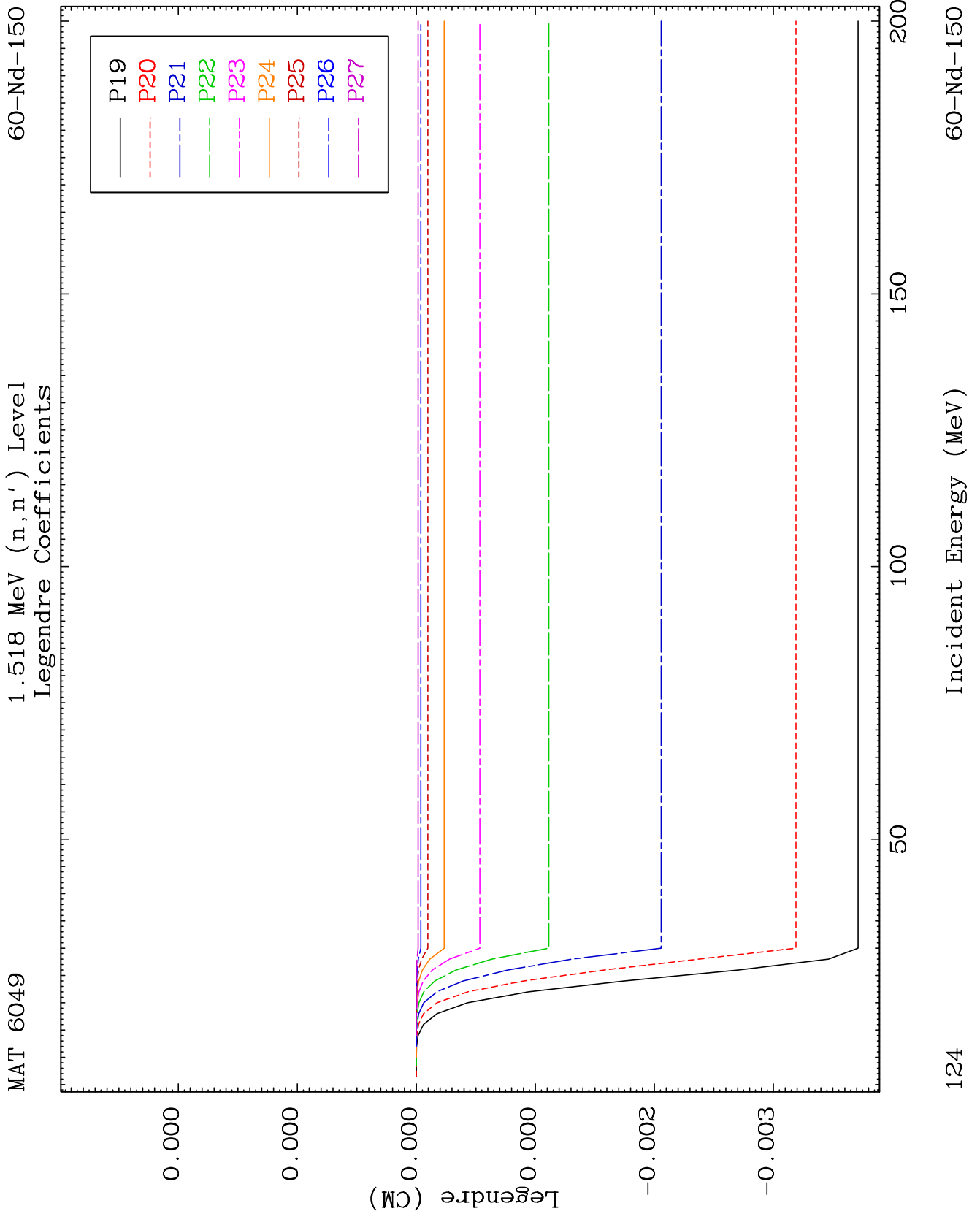
60-Nd-150

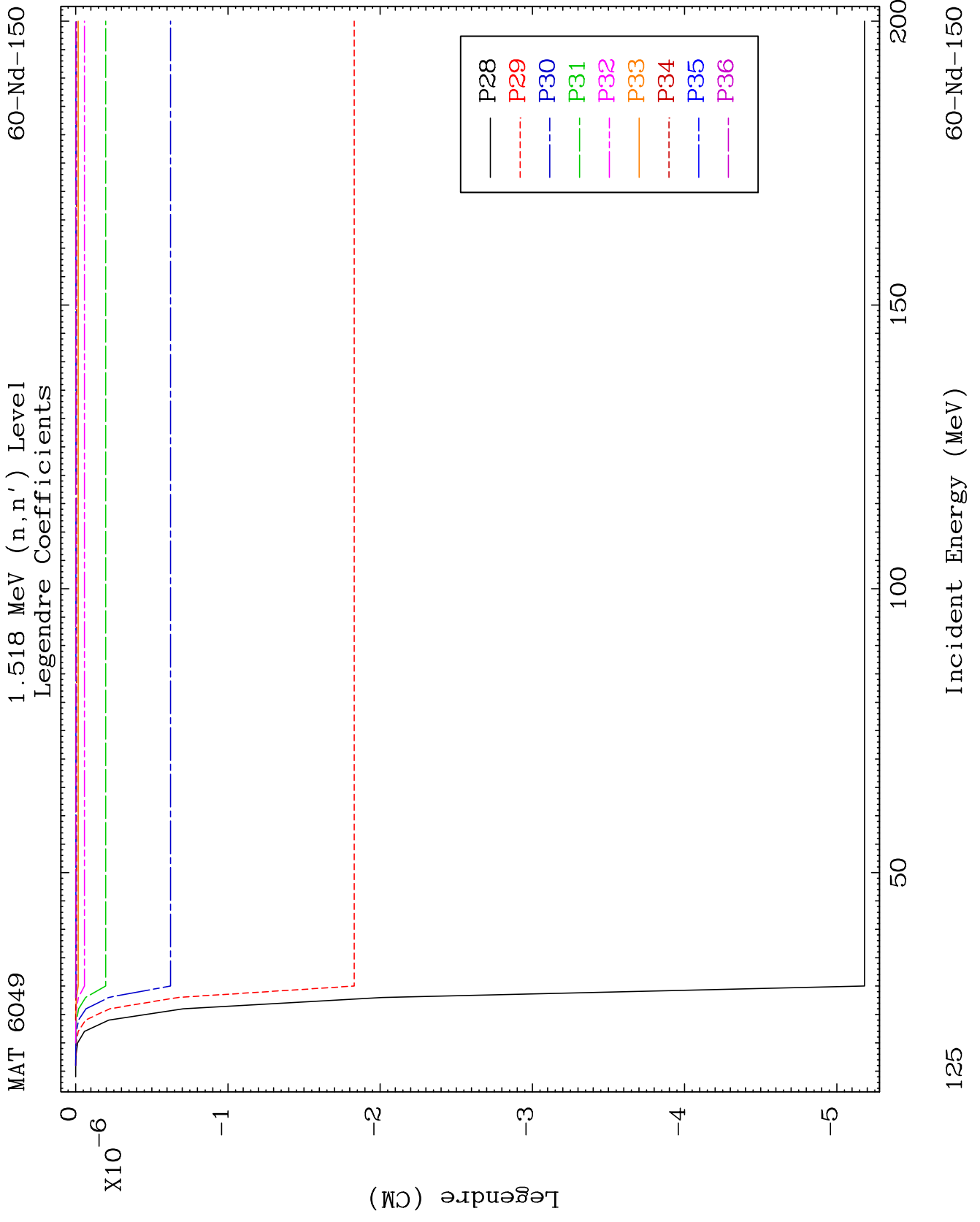


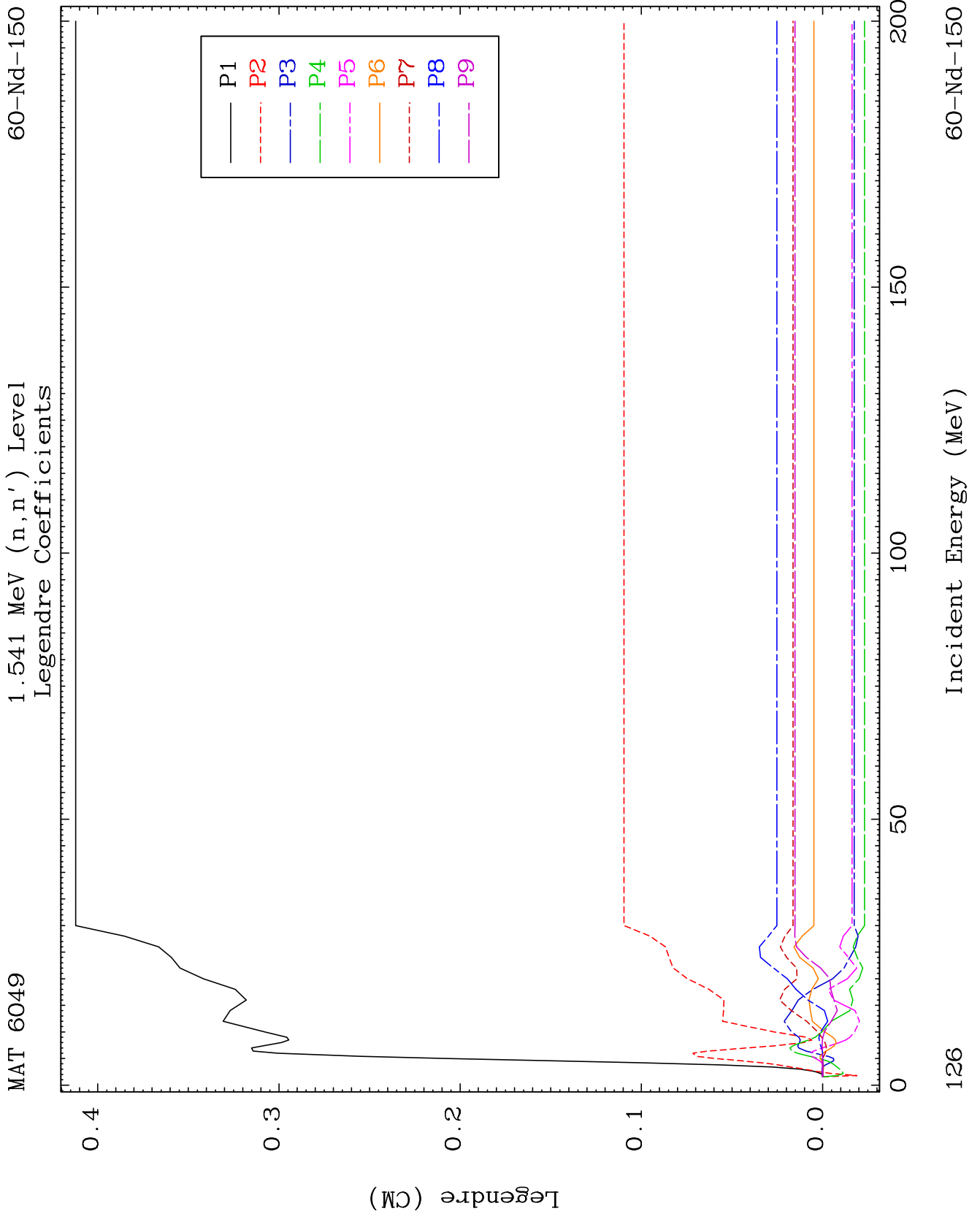


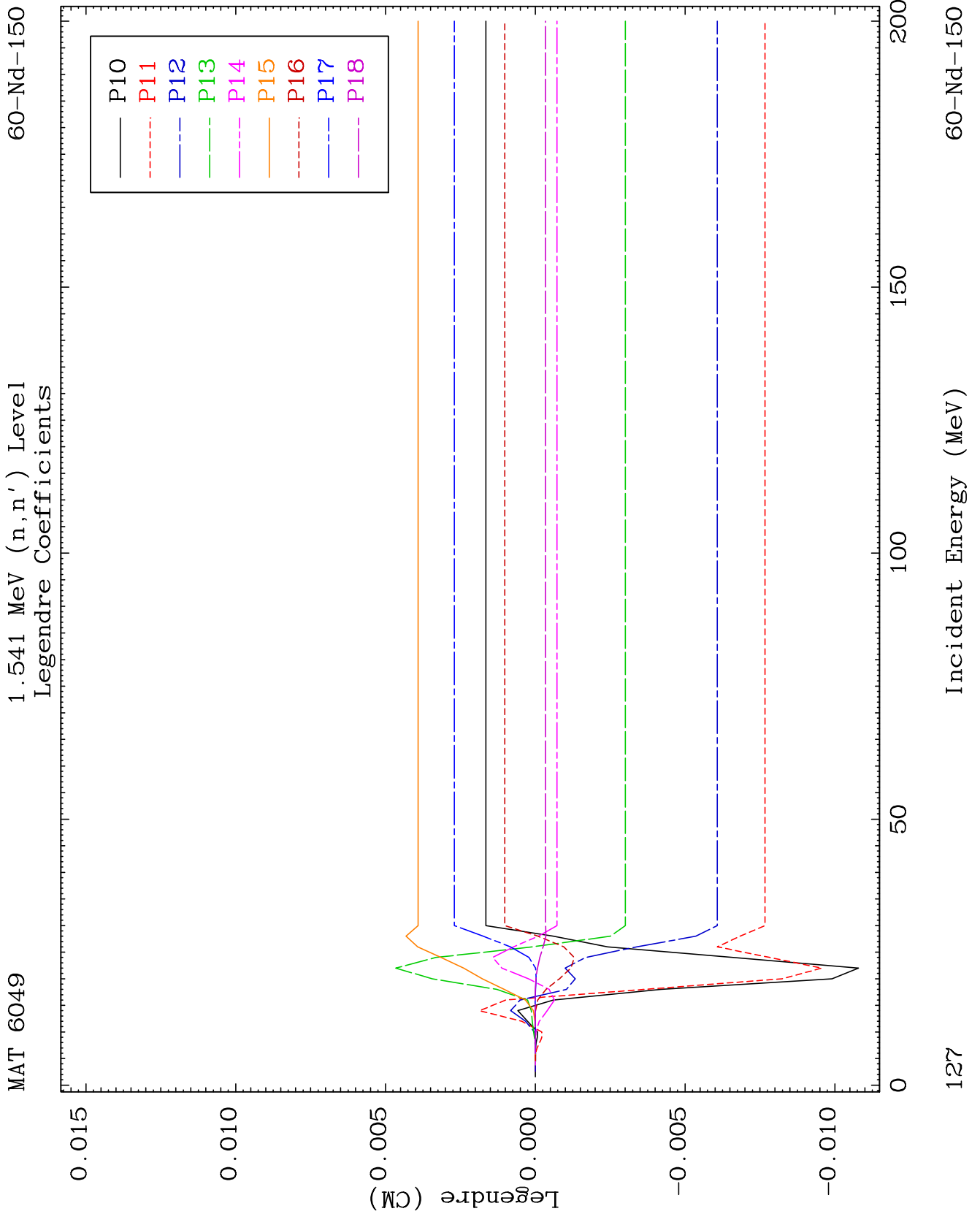


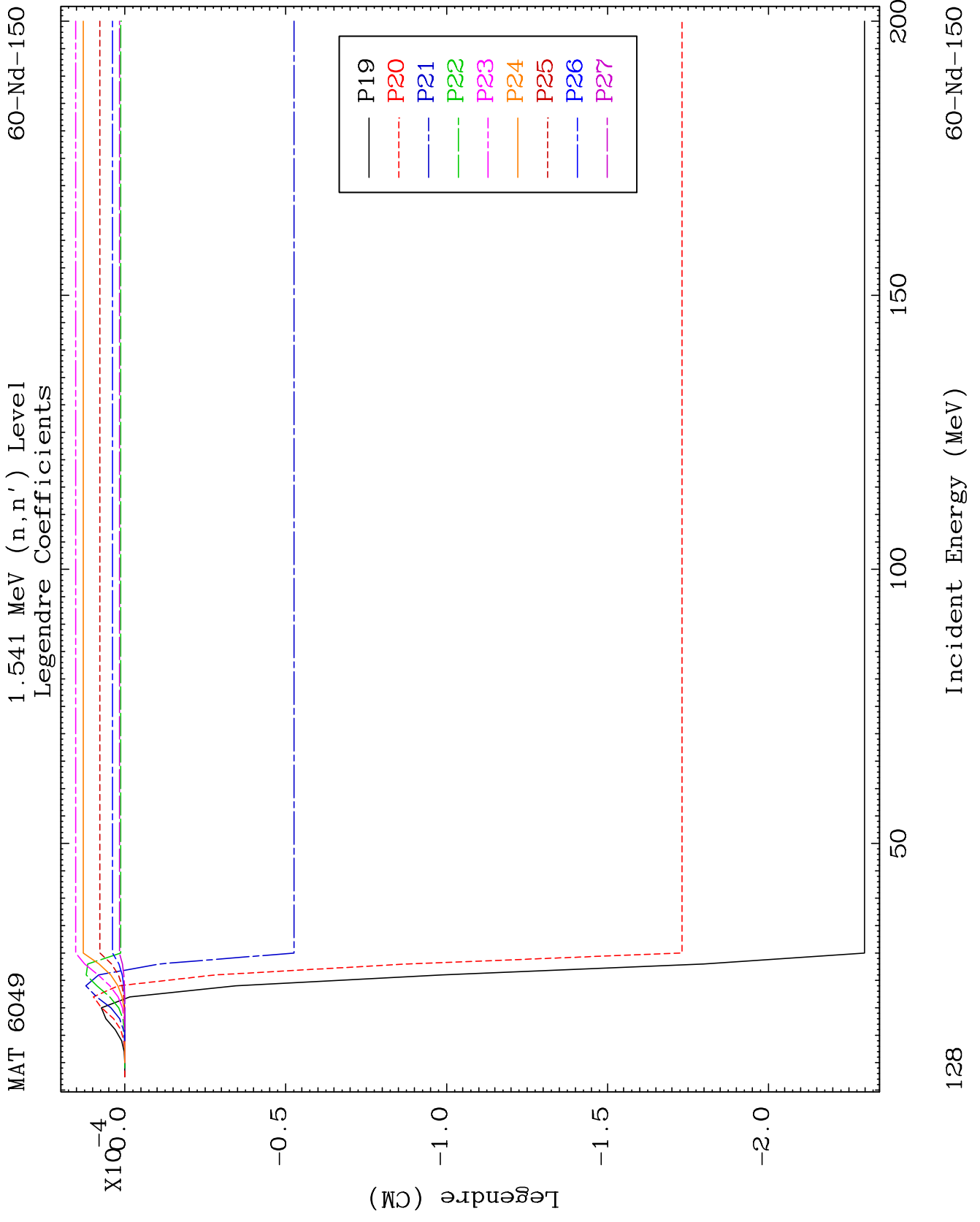


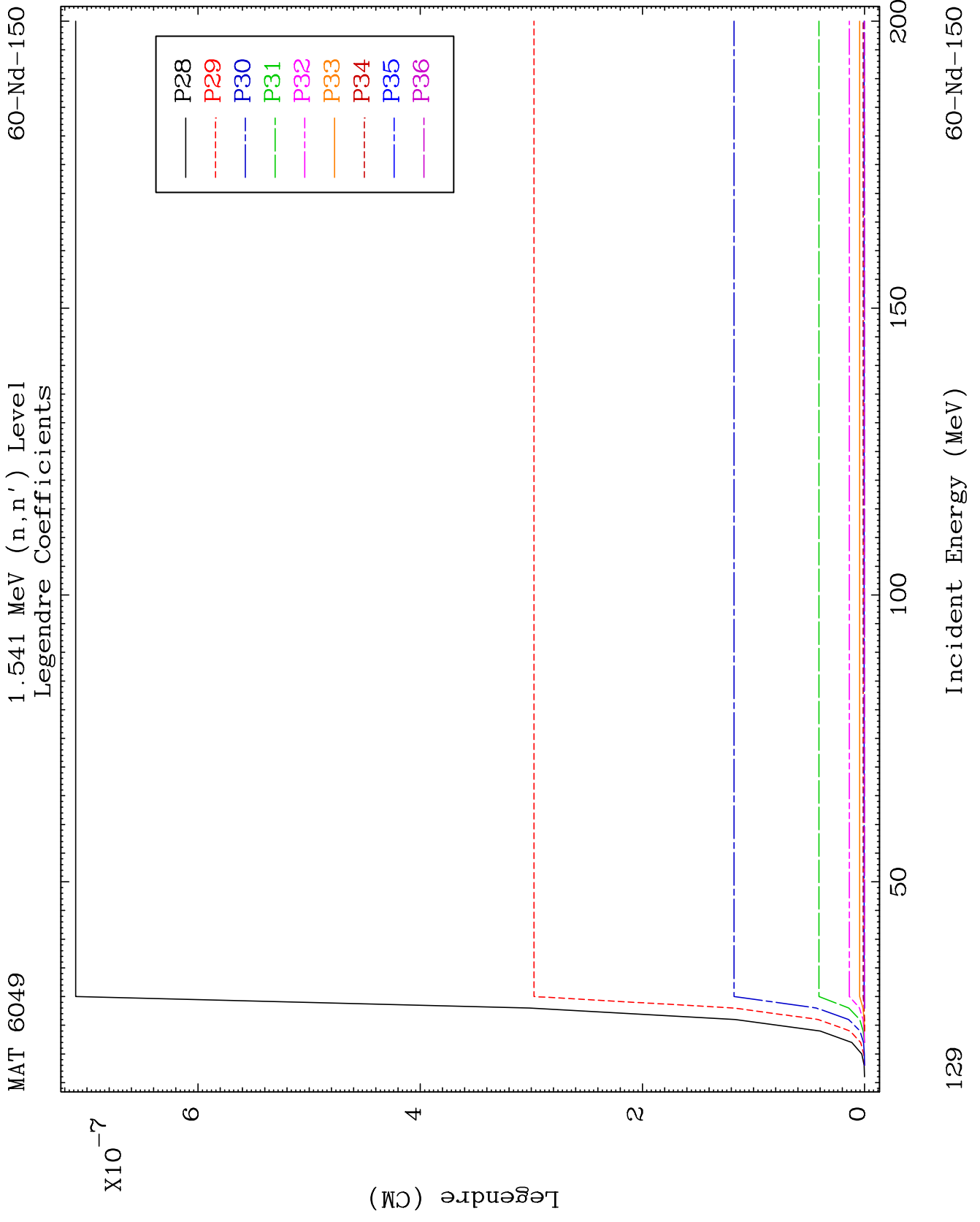


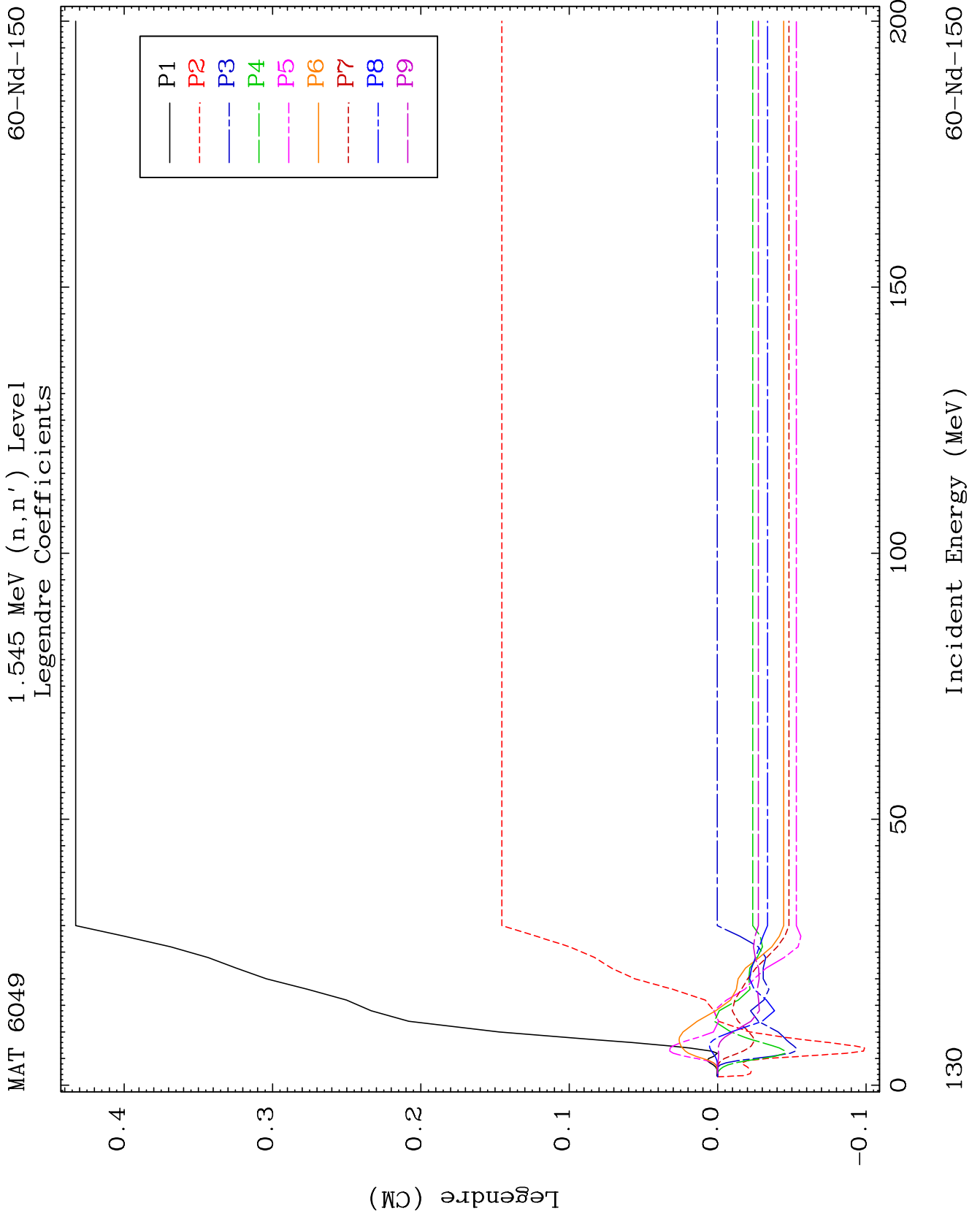








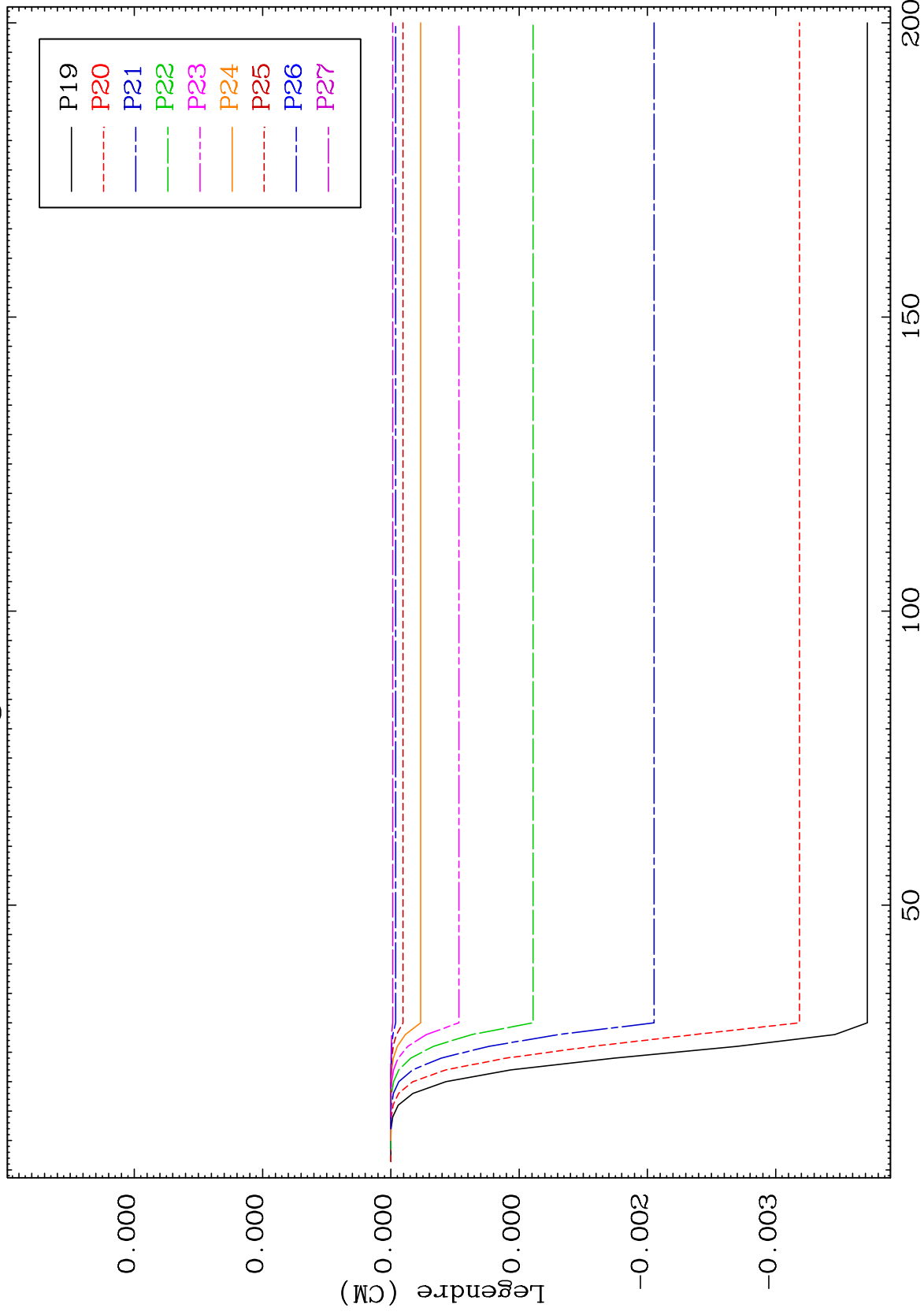




MAT 6049

1.545 MeV (n,n') Level
Legendre Coefficients

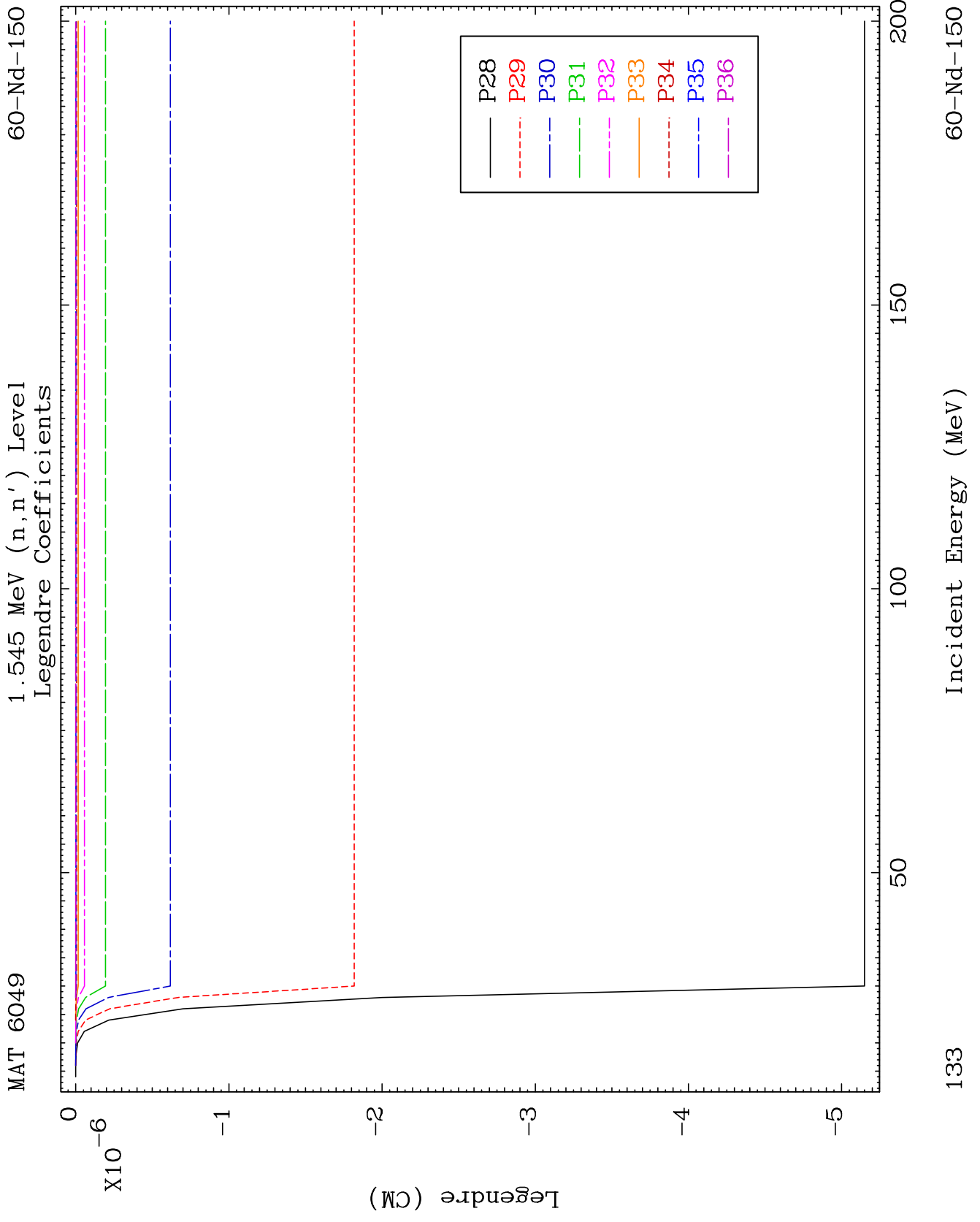
60-Nd-150



132

Incident Energy (MeV)

60-Nd-150

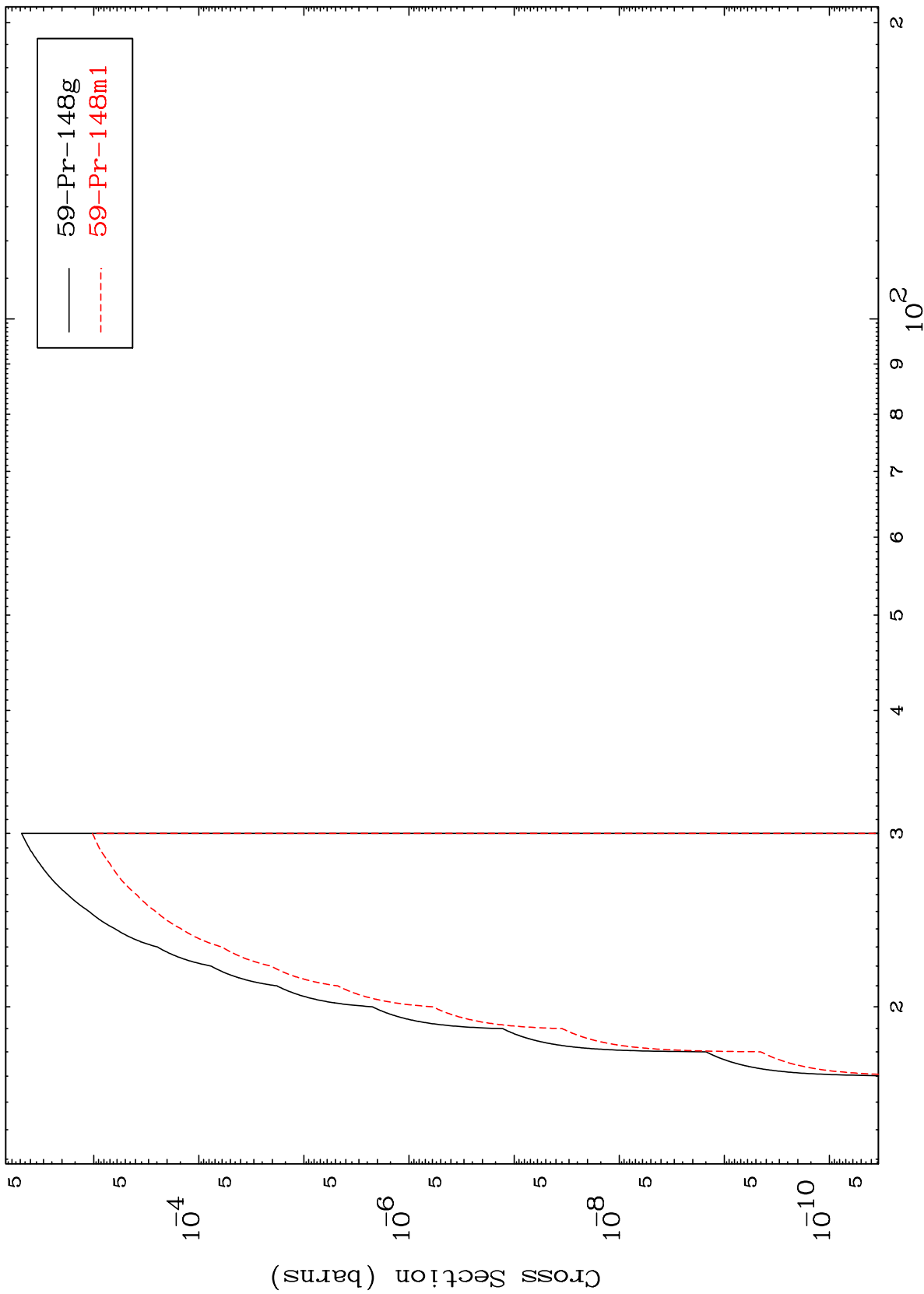


MAT 6049

(n,n') d

60-Nd-150

Radionuclide Production Cross Section



134

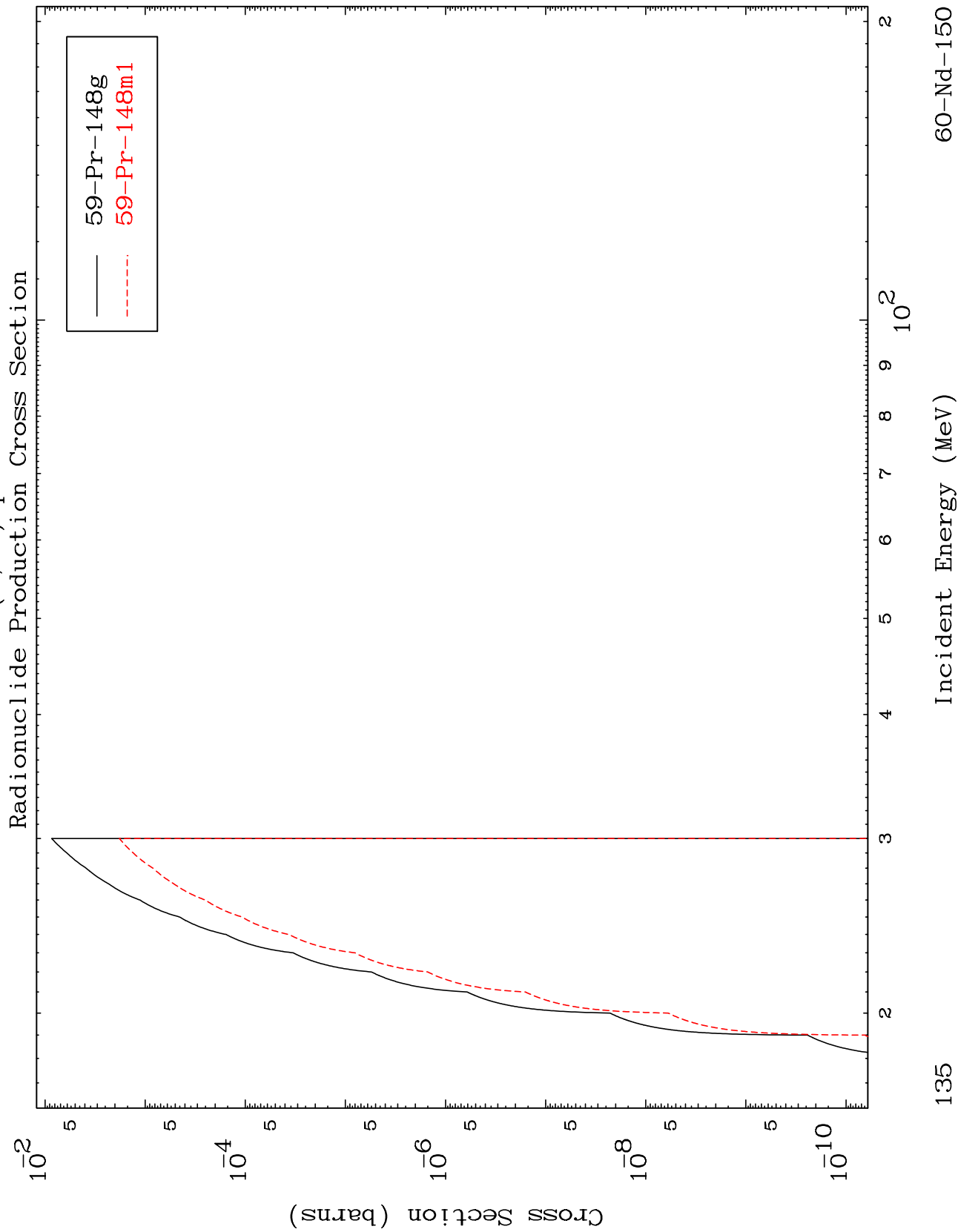
Incident Energy (MeV)

60-Nd-150

MAT 6049

$(n,2n)$ p

60-Nd-150



135

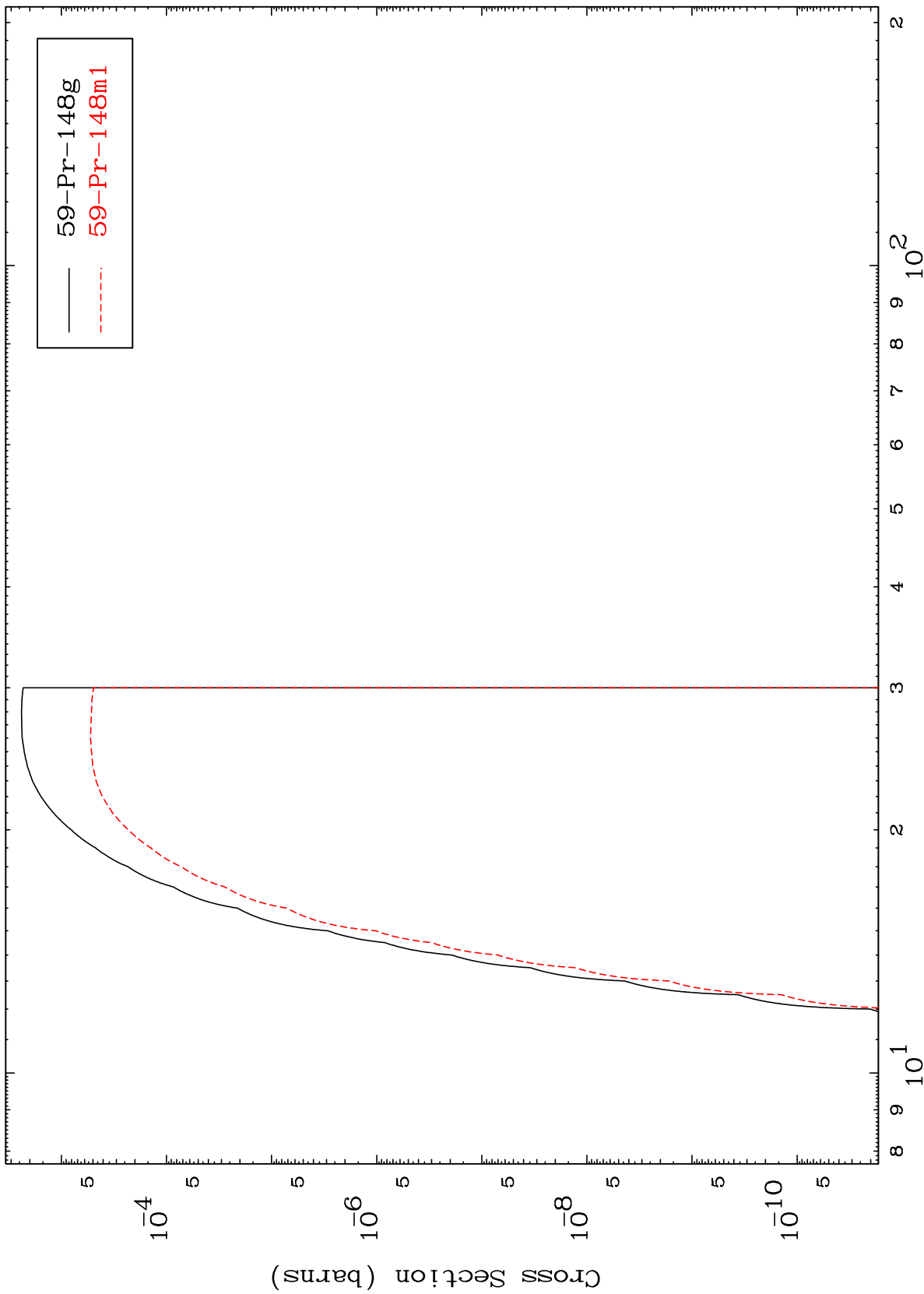
Incident Energy (MeV)

60-Nd-150

MAT 6049

60-Nd-150

(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

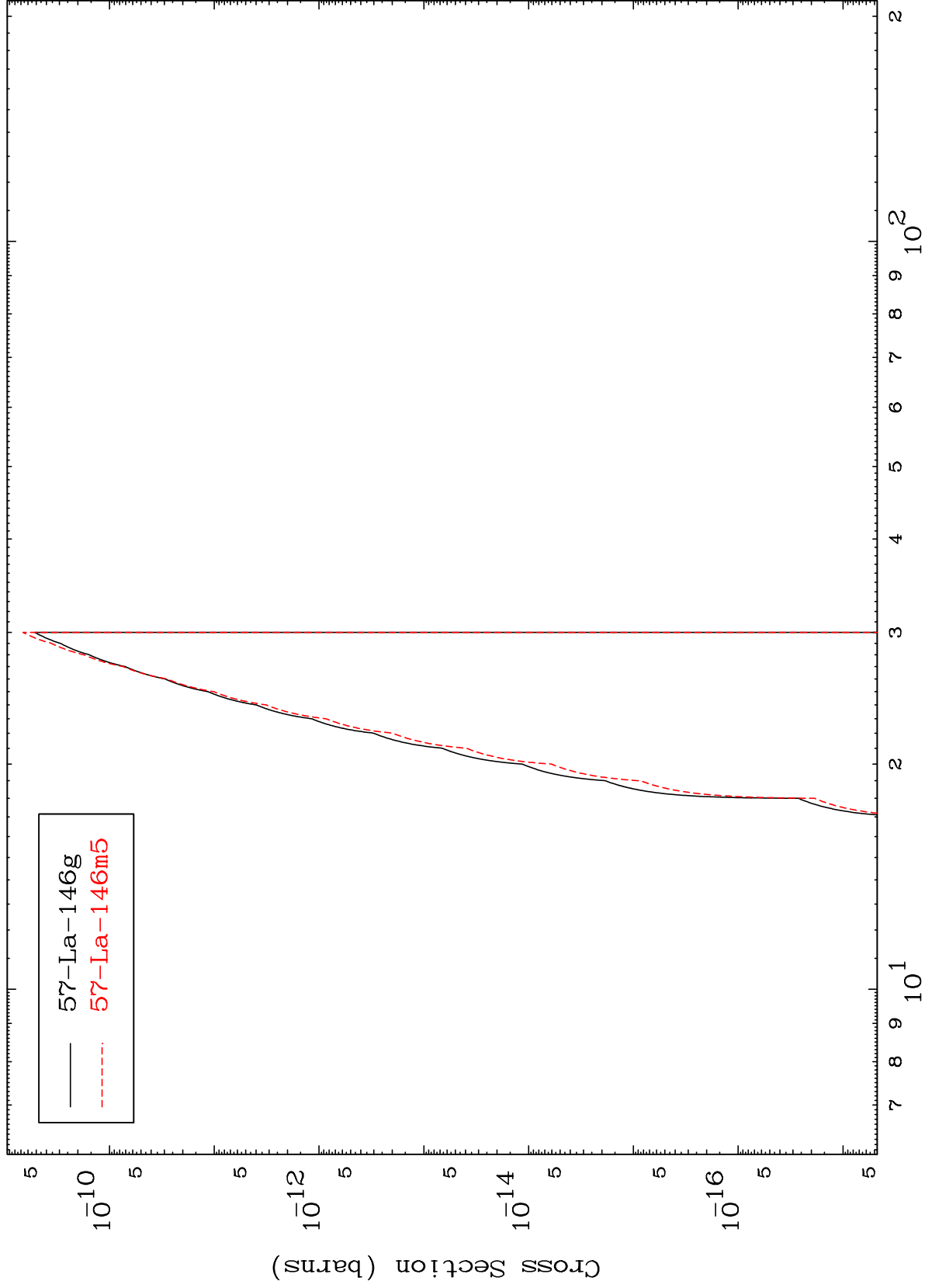
60-Nd-150

MAT 6049

$(n,p) \alpha$

$^{60}\text{Nd}-150$

Radionuclide Production Cross Section



137

Incident Energy (MeV)

$^{60}\text{Nd}-150$