

Program EVALPLOT
(Version 2015-2)

by

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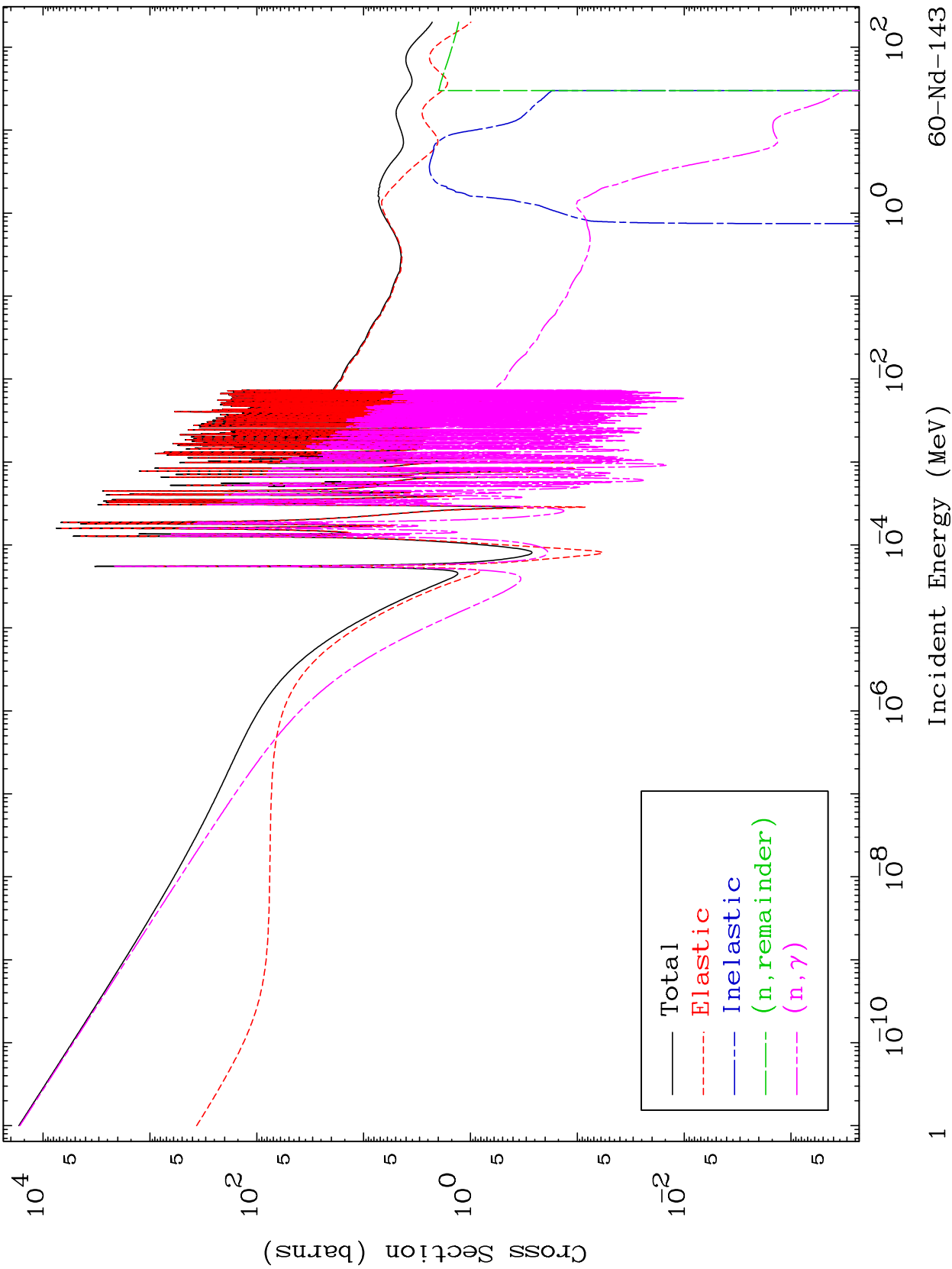
Press Mouse Button to Start

MAT 6028

Major

293 Kelvin Cross Sections

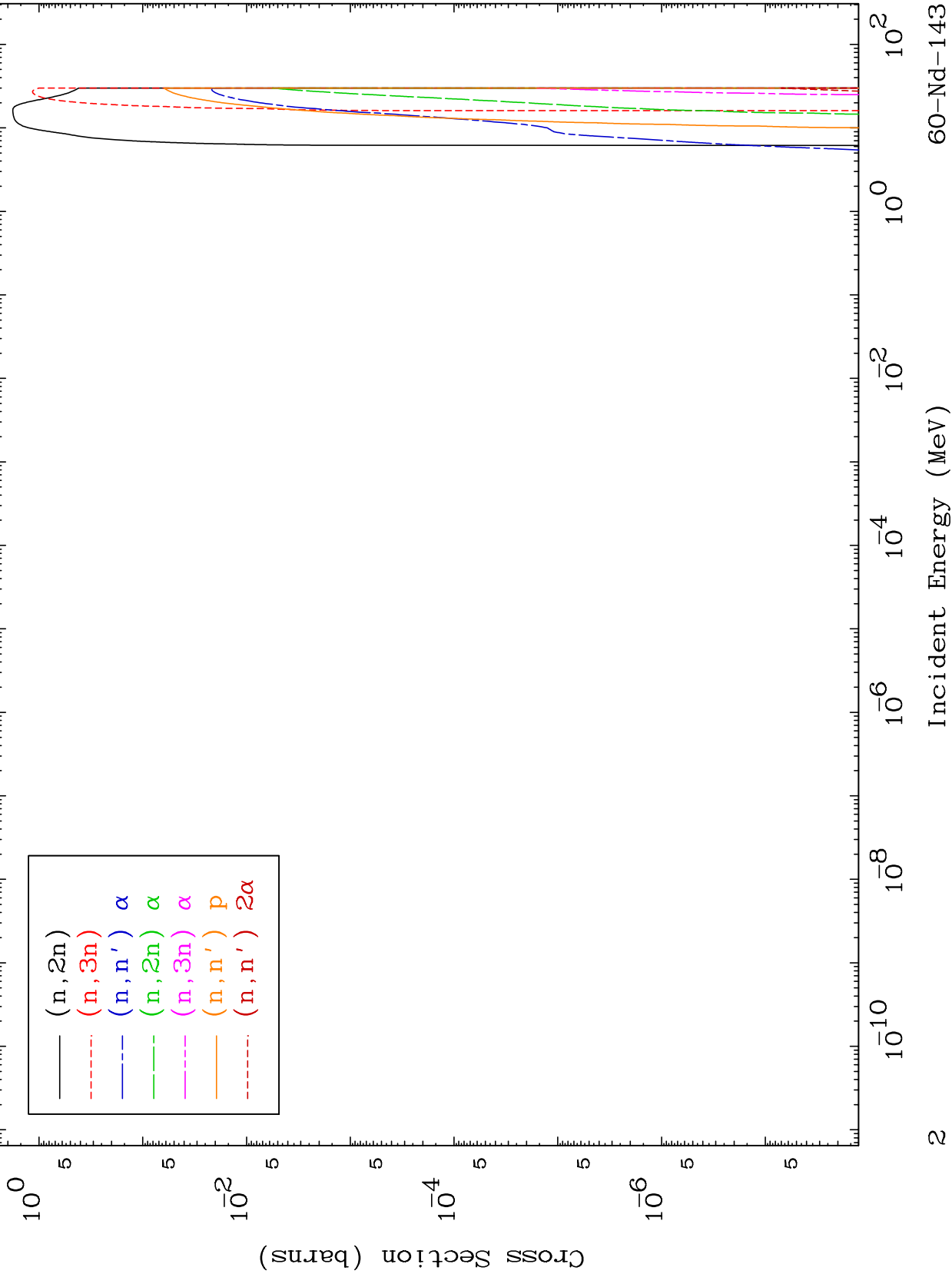
60-Nd-143

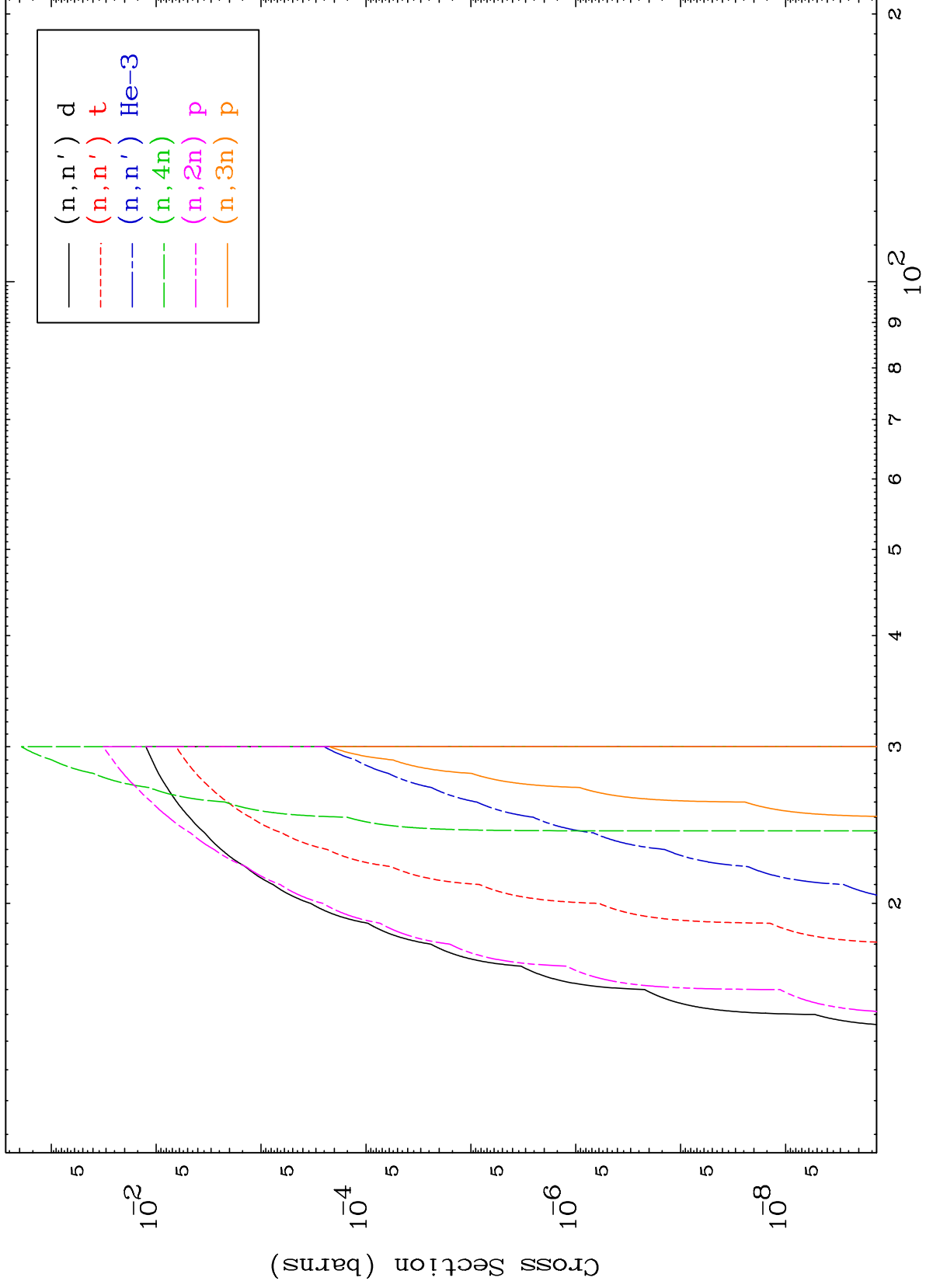


MAT 6028

Neutron Production
293 Kelvin Cross Sections

60-Nd-143

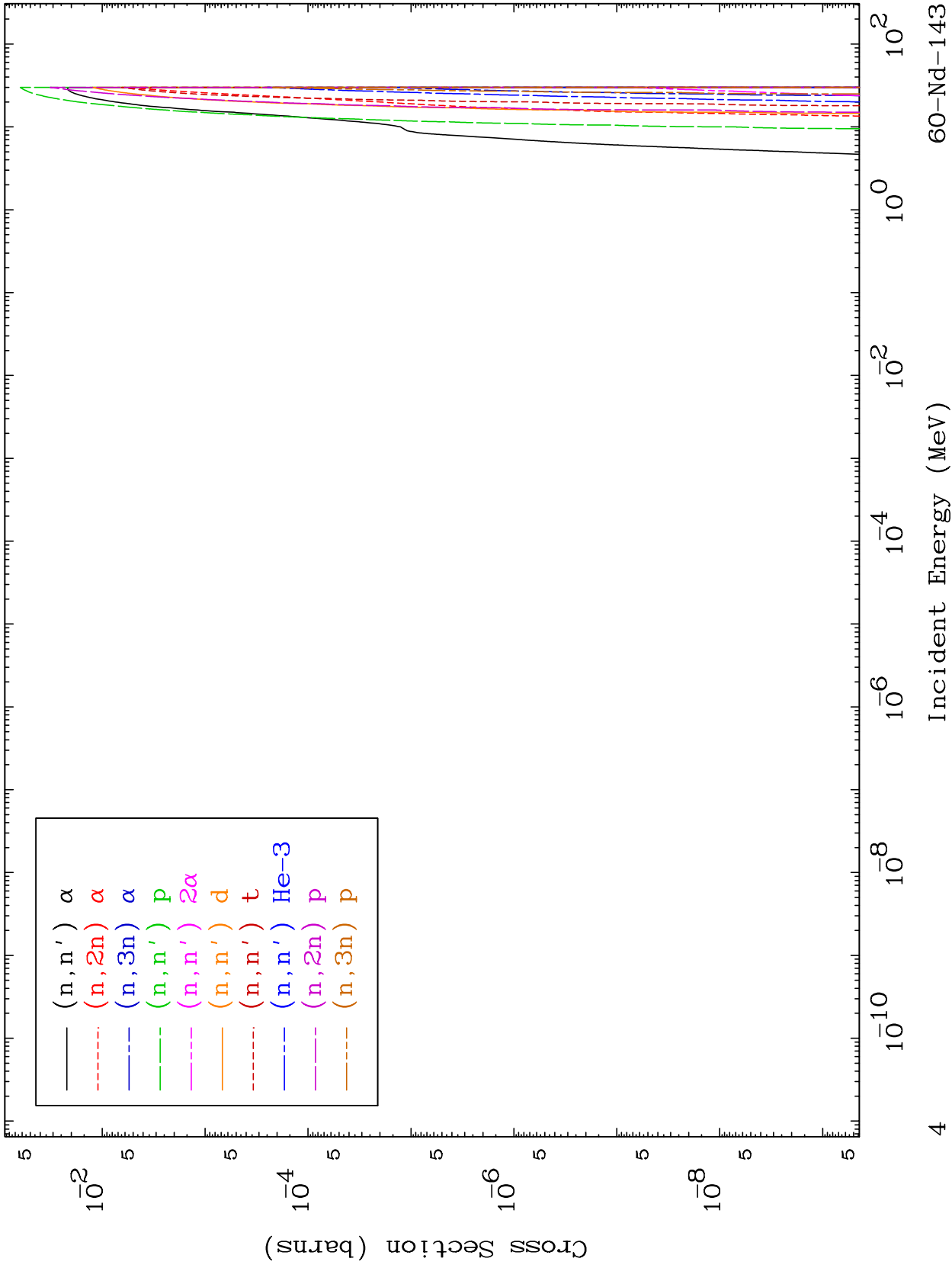


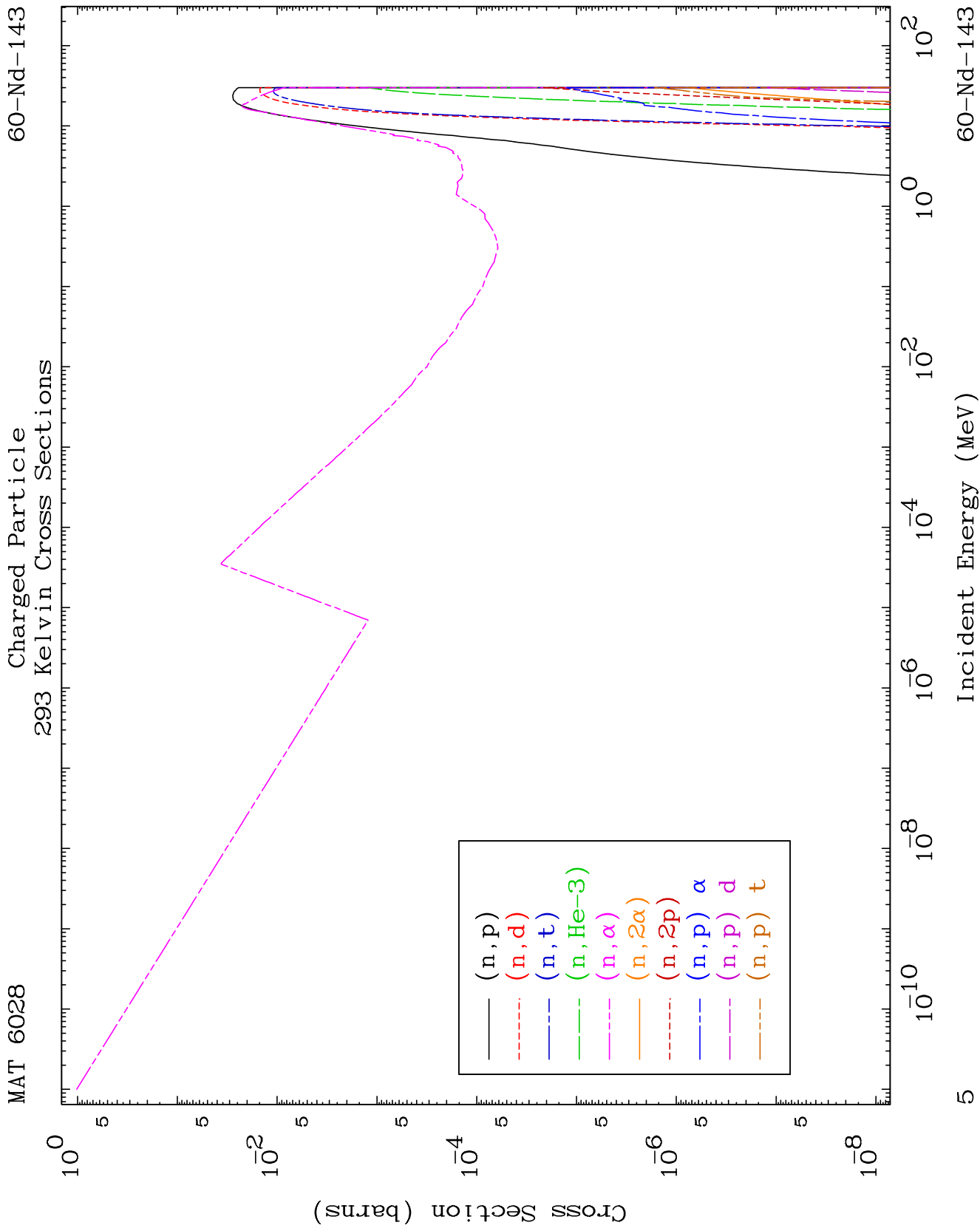


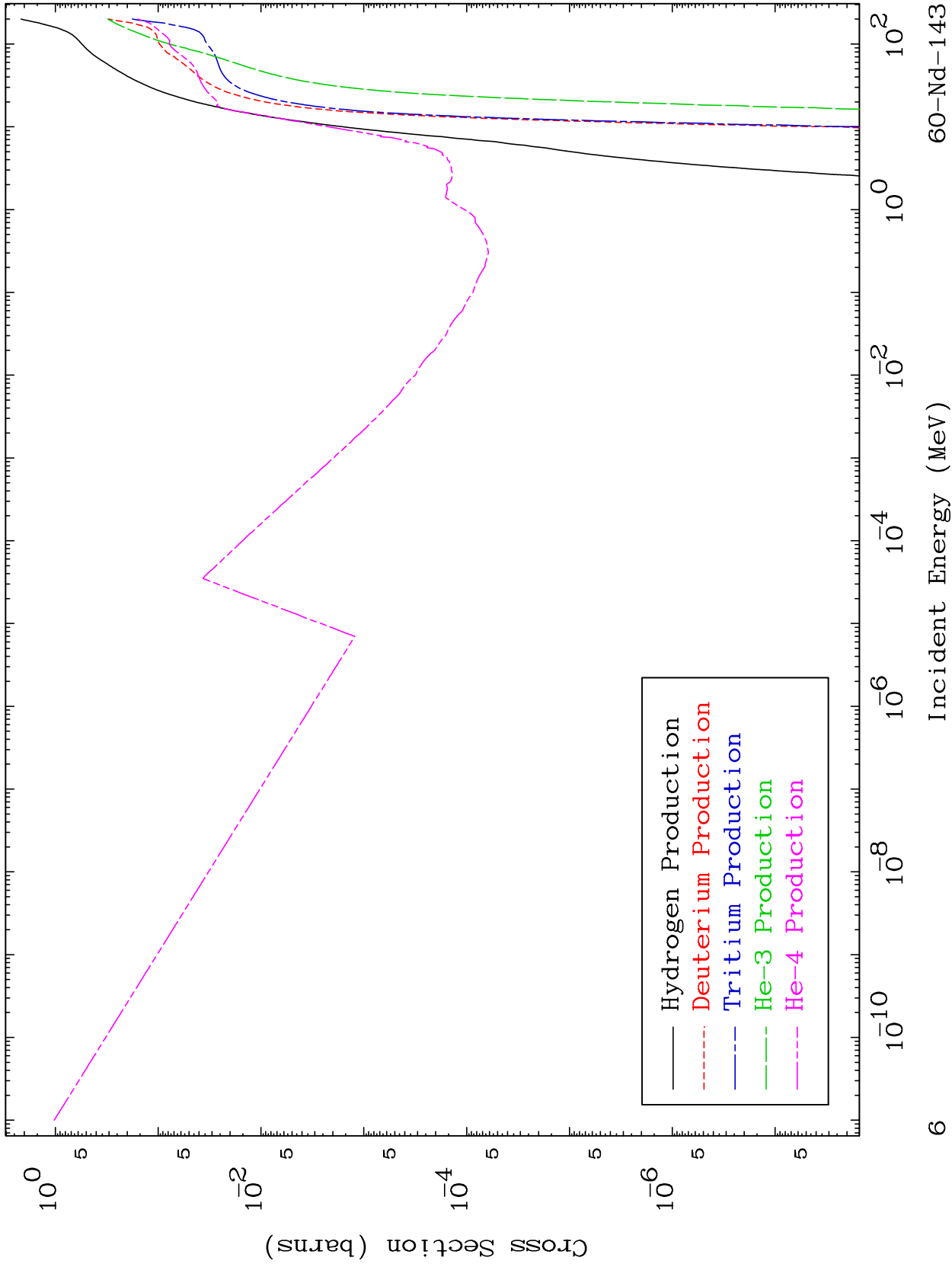
MAT 6028

Charged Particle
293 Kelvin Cross Sections

60-Nd-143



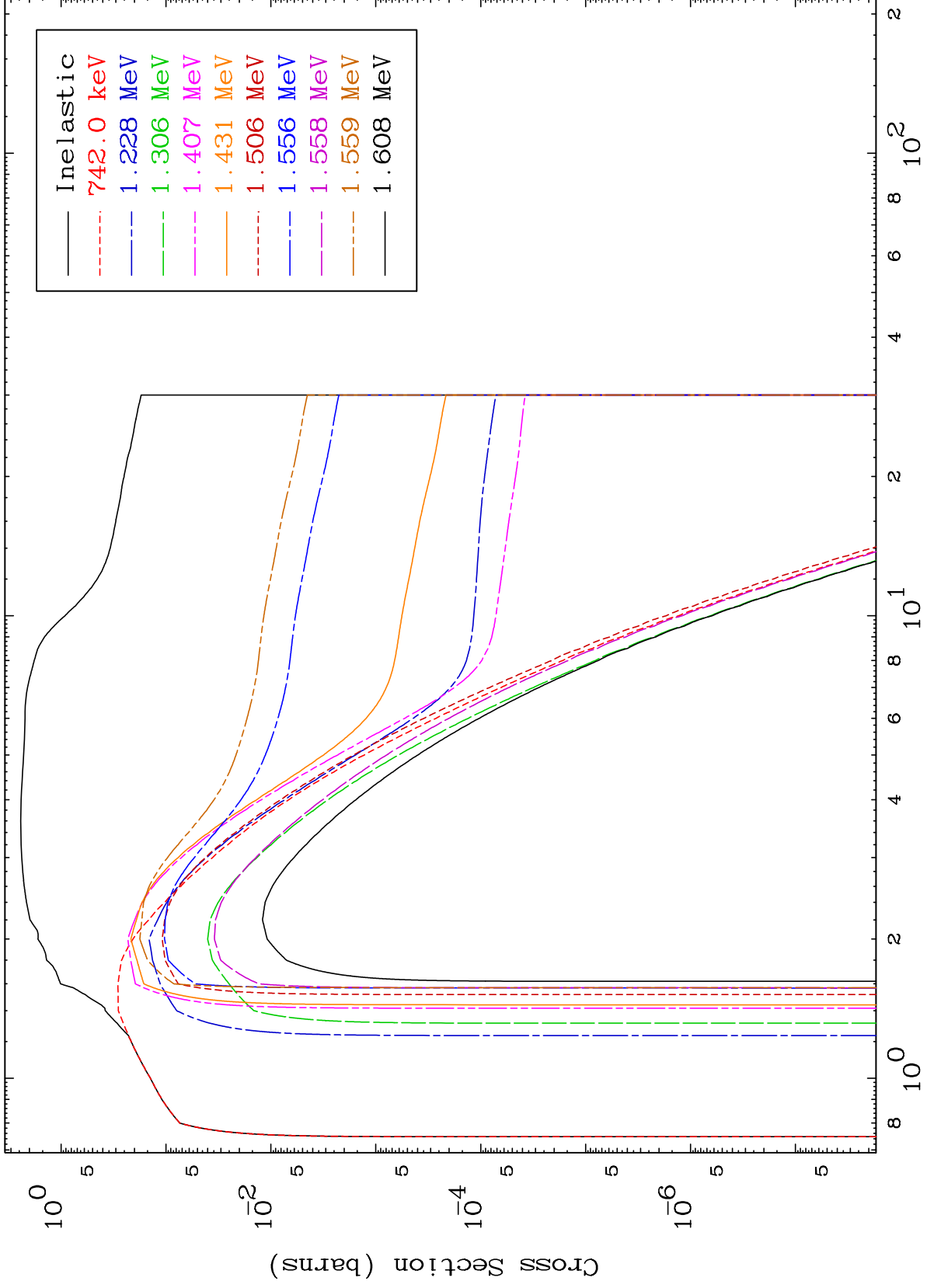




MAT 6028

(n,n') Level
293 Kelvin Cross Sections

60-Nd-143



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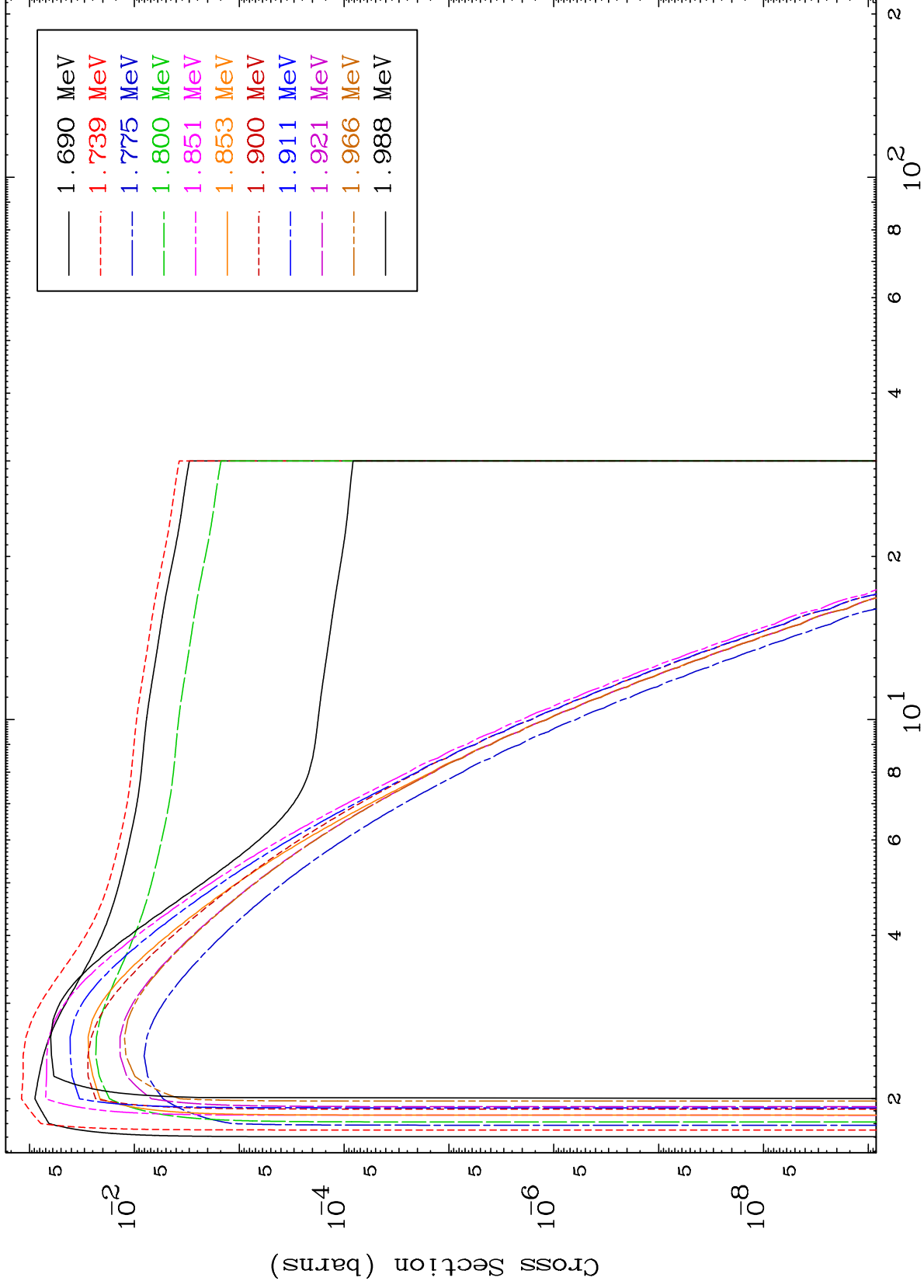
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,n') Level
293 Kelvin Cross Sections

60-Nd-143



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Incident Energy (MeV)

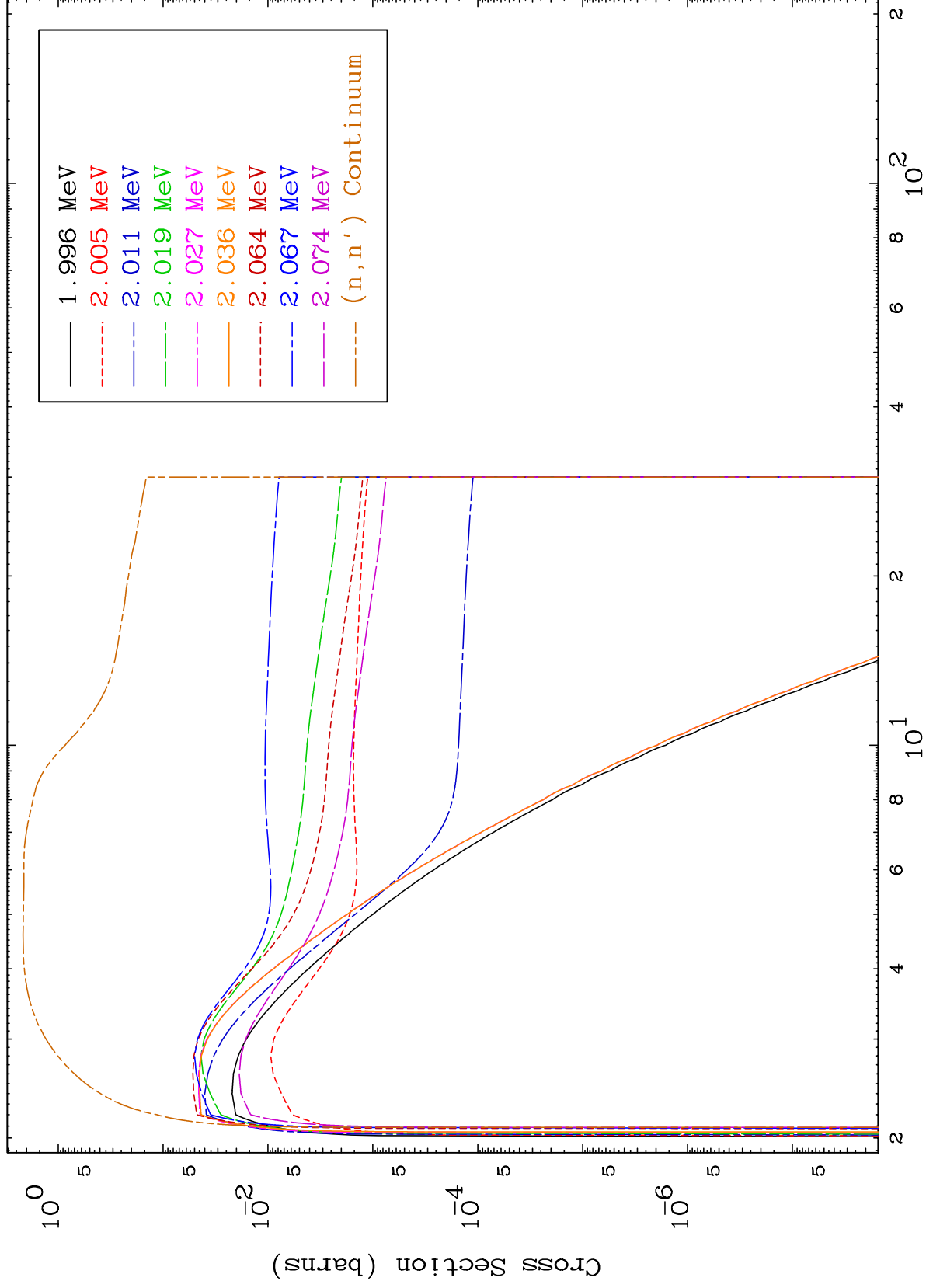
60-Nd-143

MAT 6028

(n,n') Level

60-Nd-143

293 Kelvin Cross Sections



9

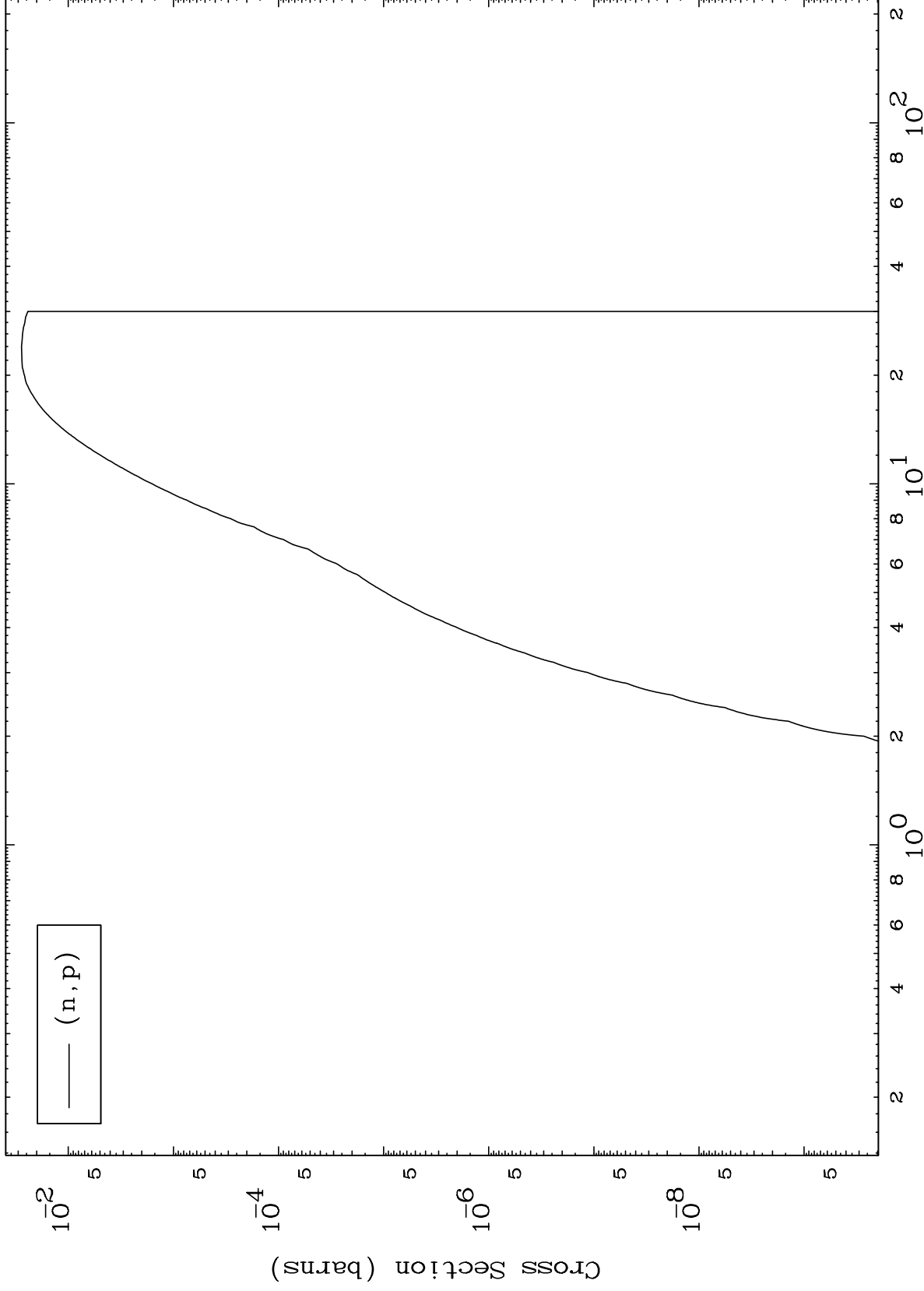
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-143



10

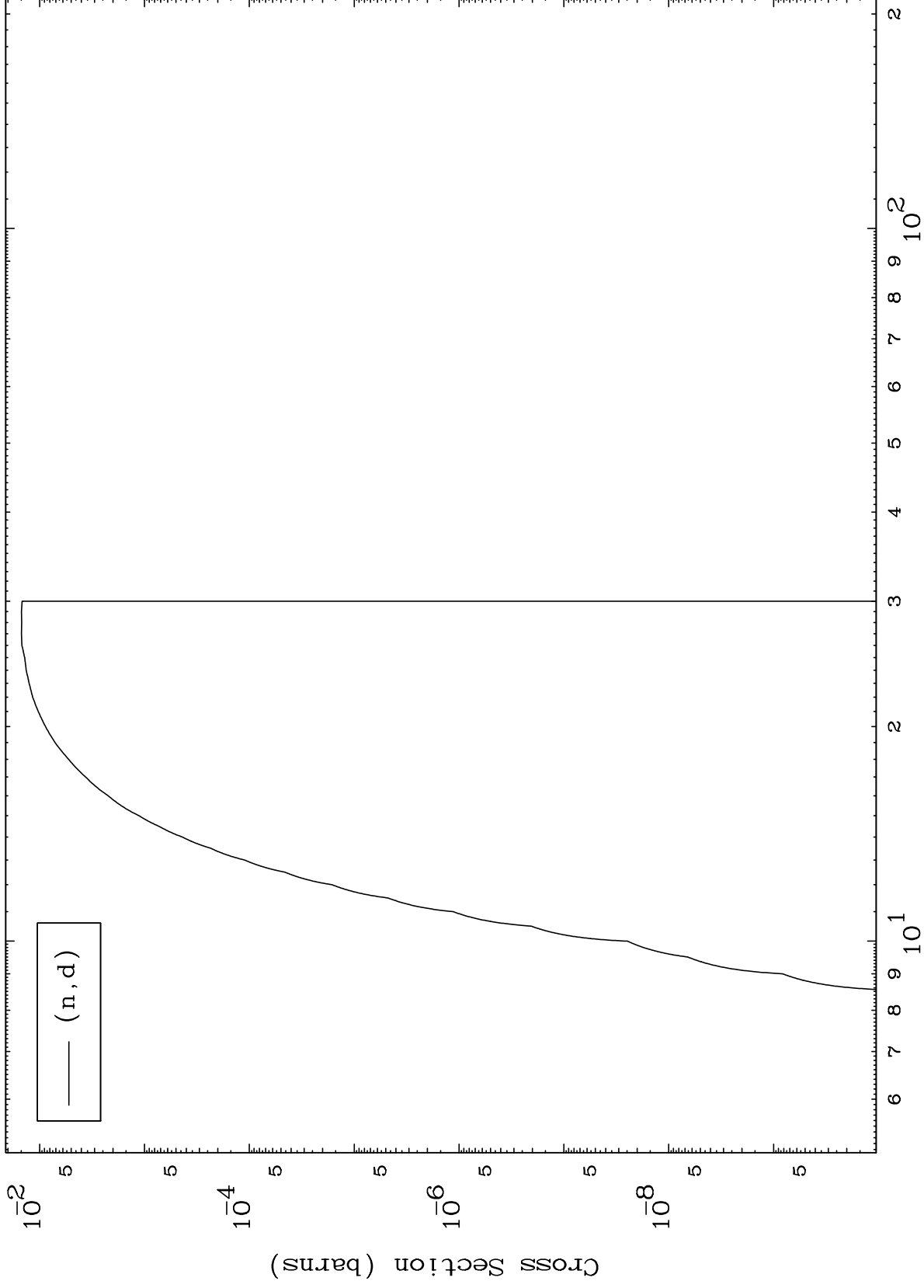
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-143



11

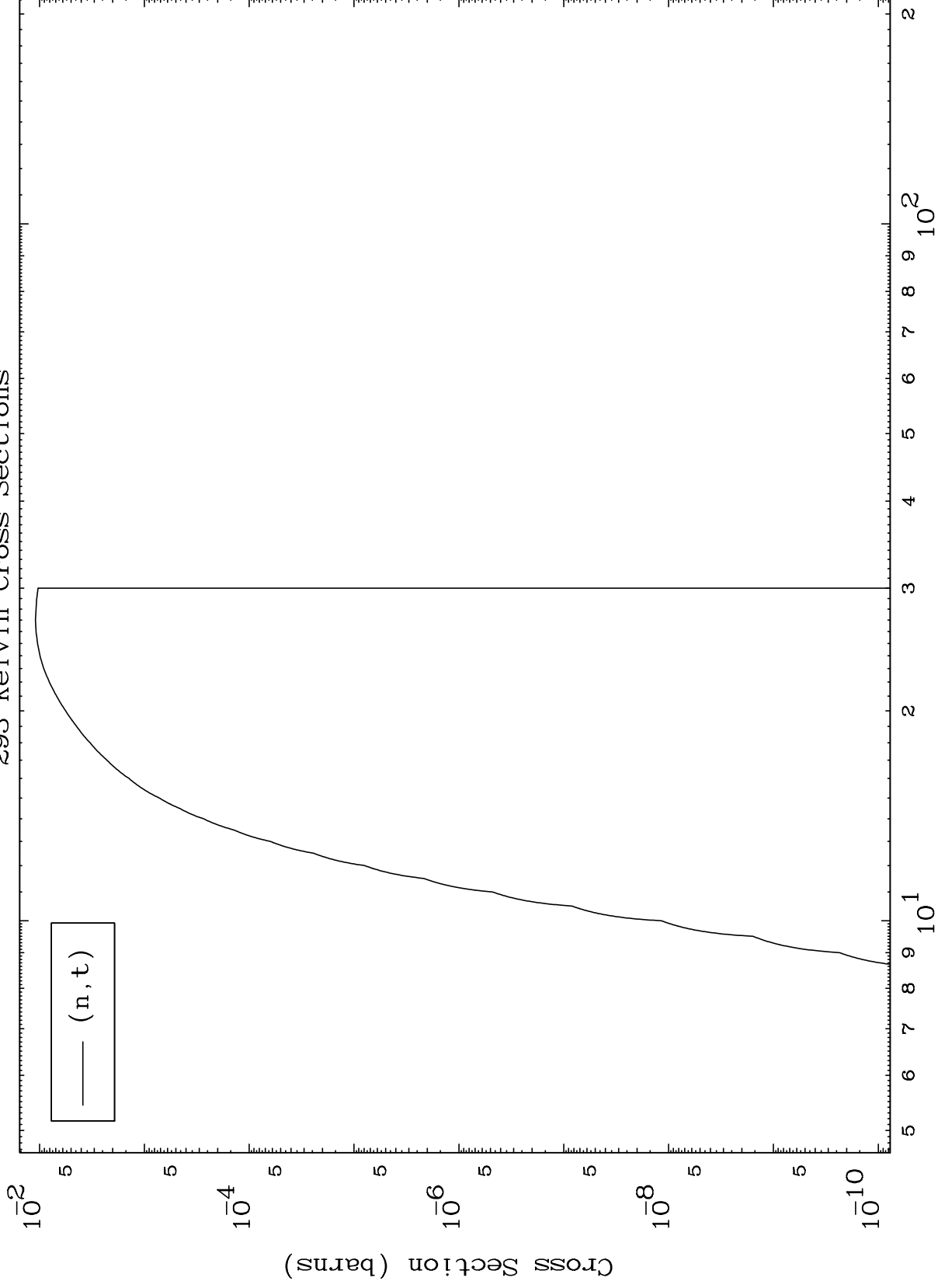
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-143



12

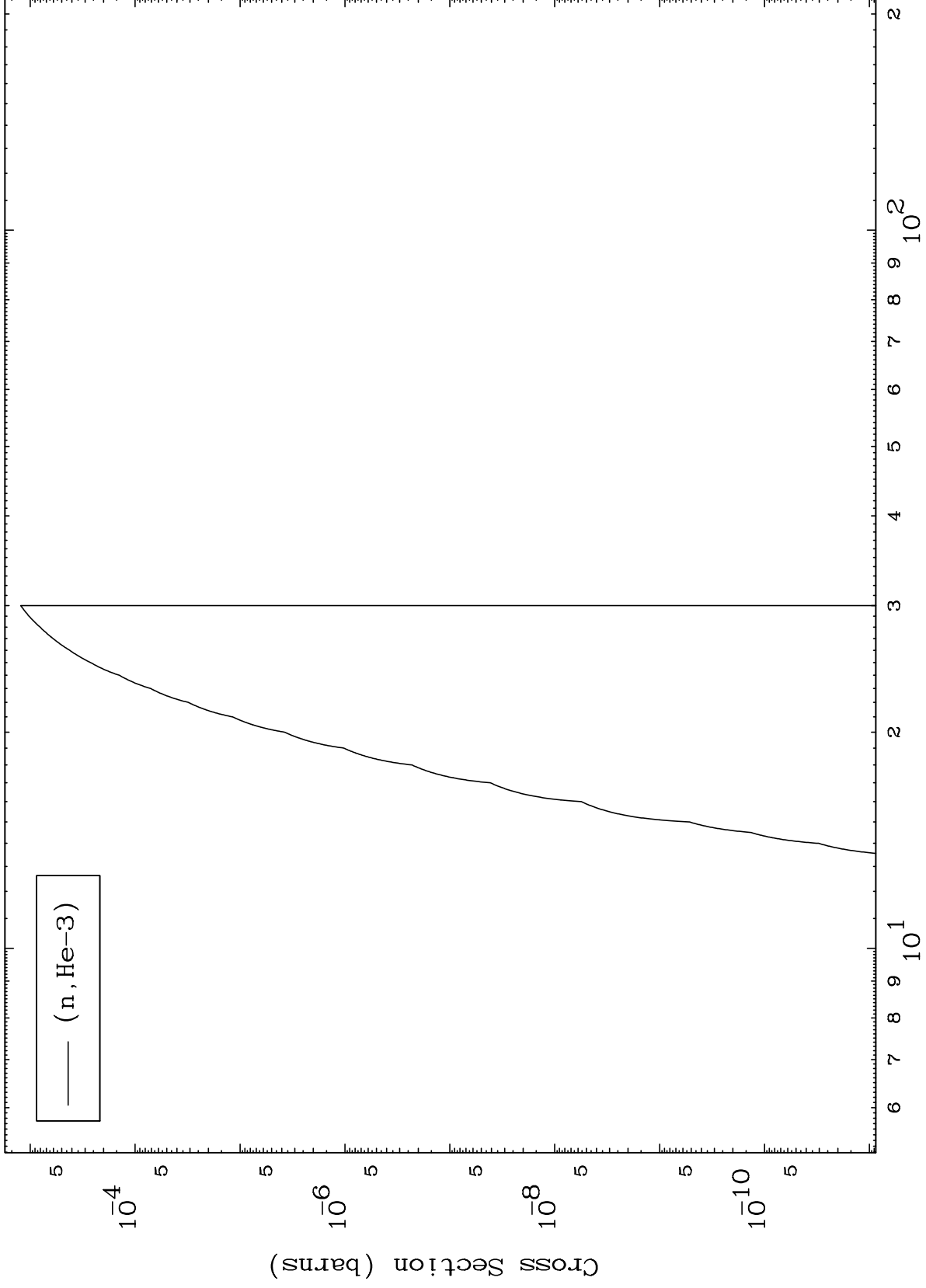
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,He3) Levels
293 Kelvin Cross Sections

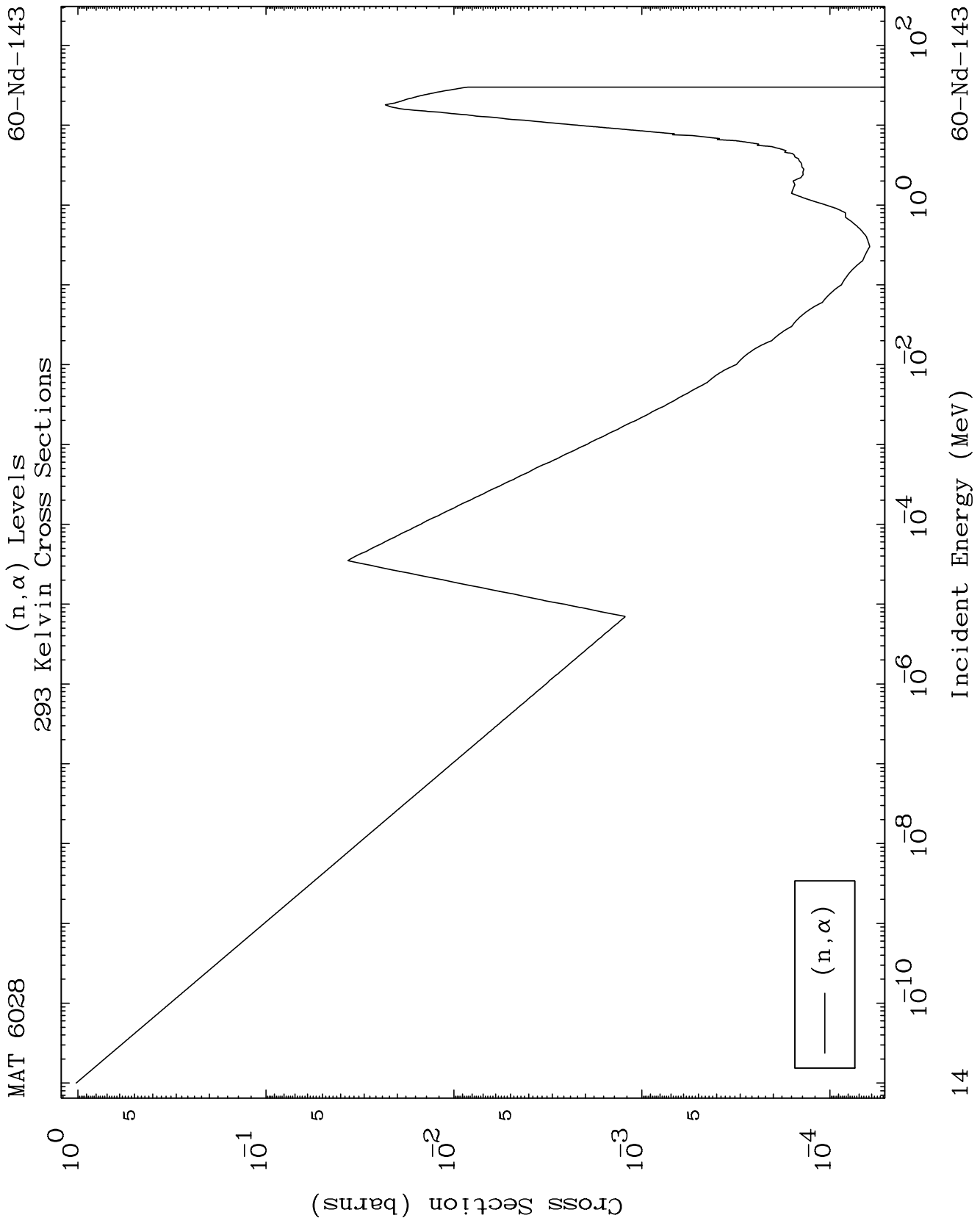
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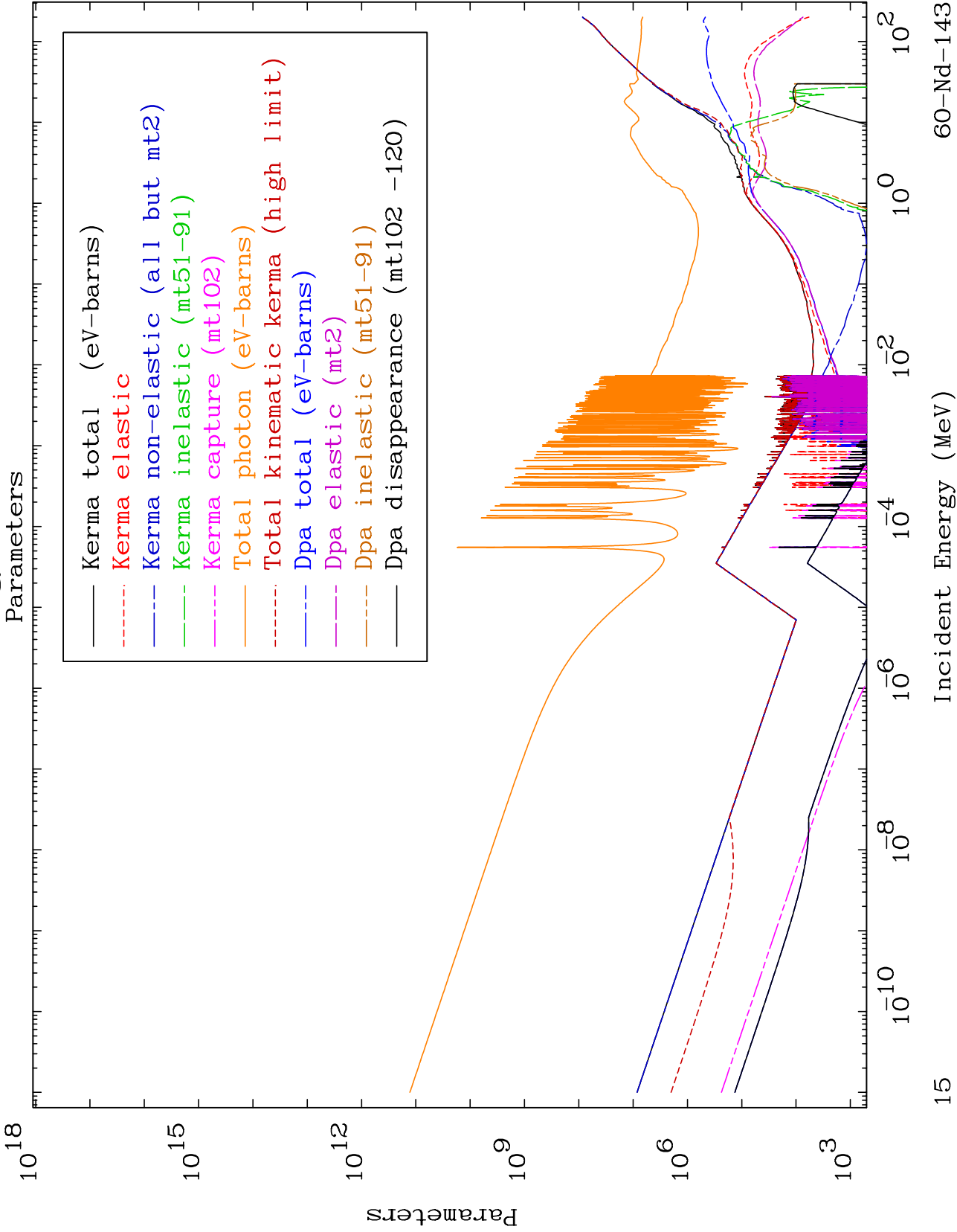


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Incident Energy (MeV)

60-Nd-143

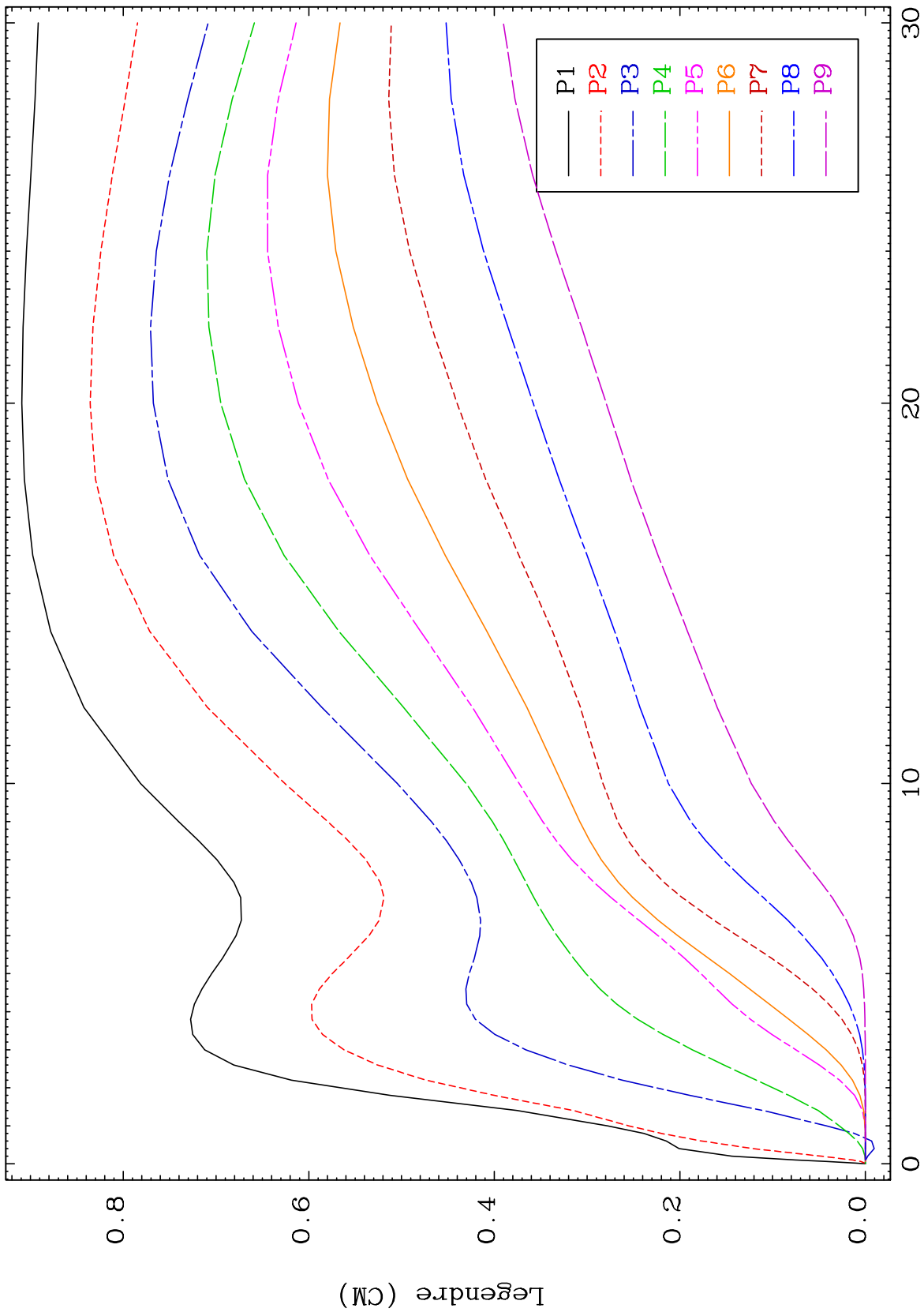




MAT 6028

Elastic Legendre Coefficients

60-Nd-143



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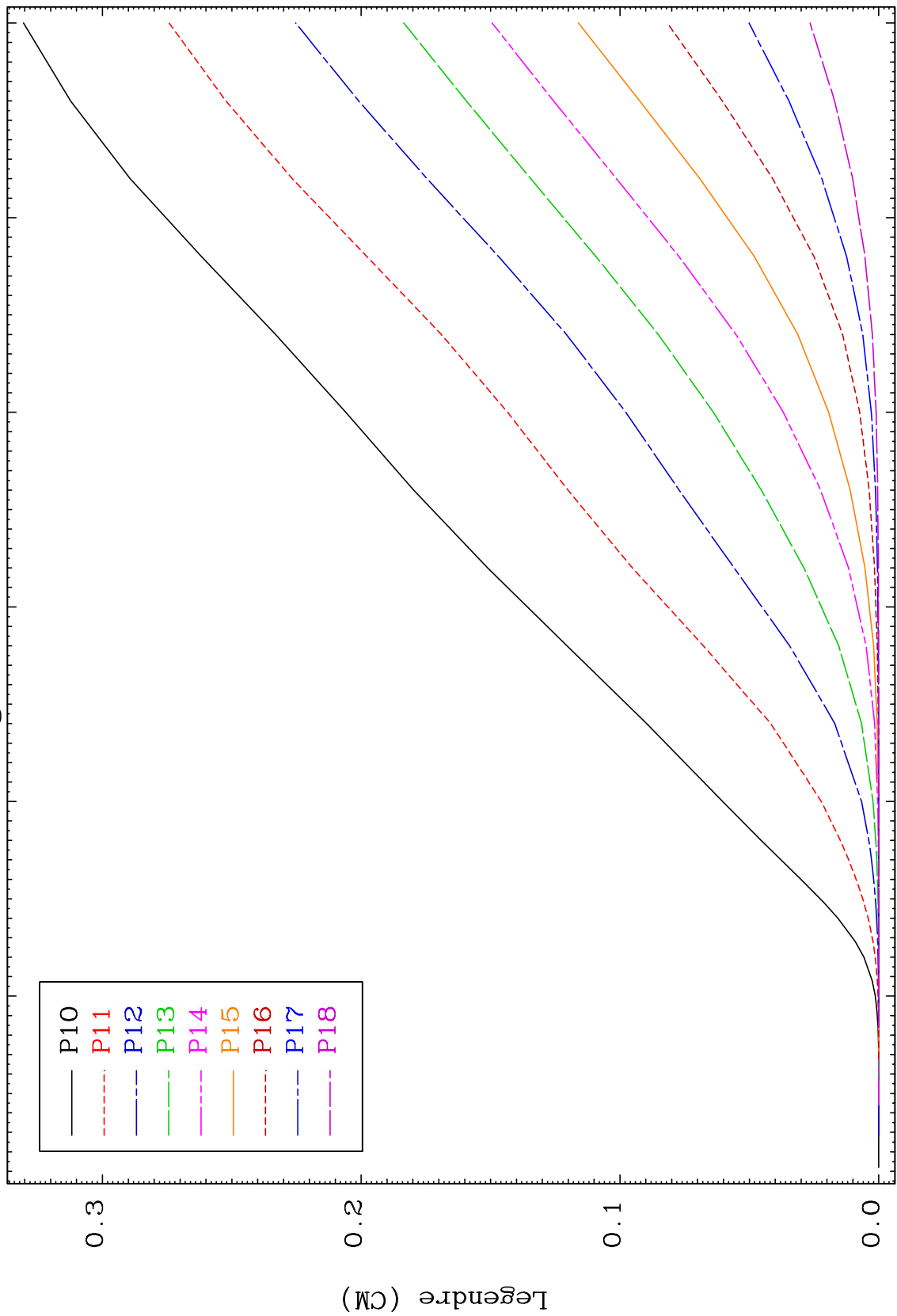
Incident Energy (MeV)

60-Nd-143

MAT 6028

Elastic Legendre Coefficients

60-Nd-143



17

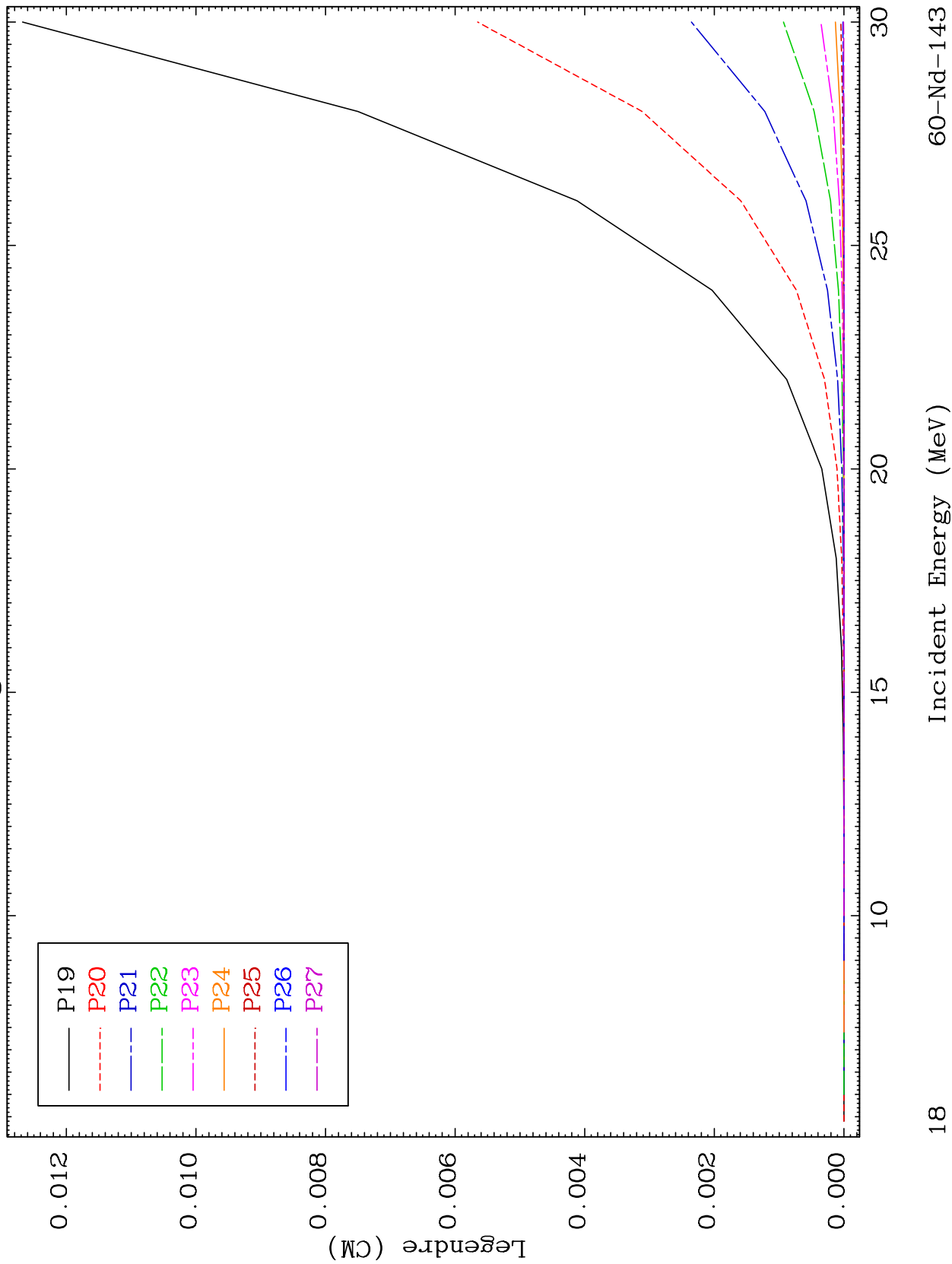
Incident Energy (MeV)

60-Nd-143

MAT 6028

Elastic Legendre Coefficients

60-Nd-143



18

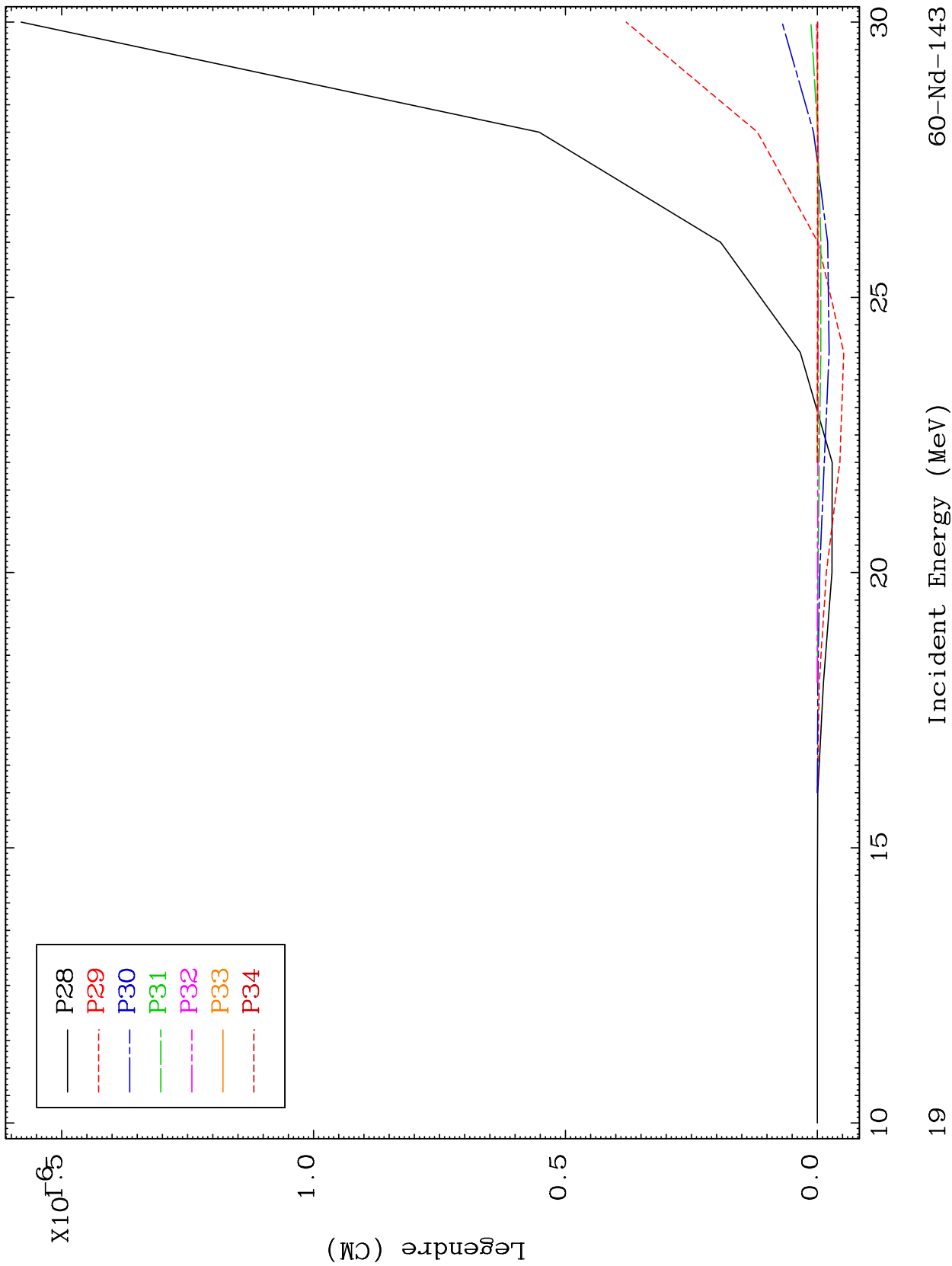
Incident Energy (MeV)

60-Nd-143

MAT 6028

Elastic
Legendre Coefficients

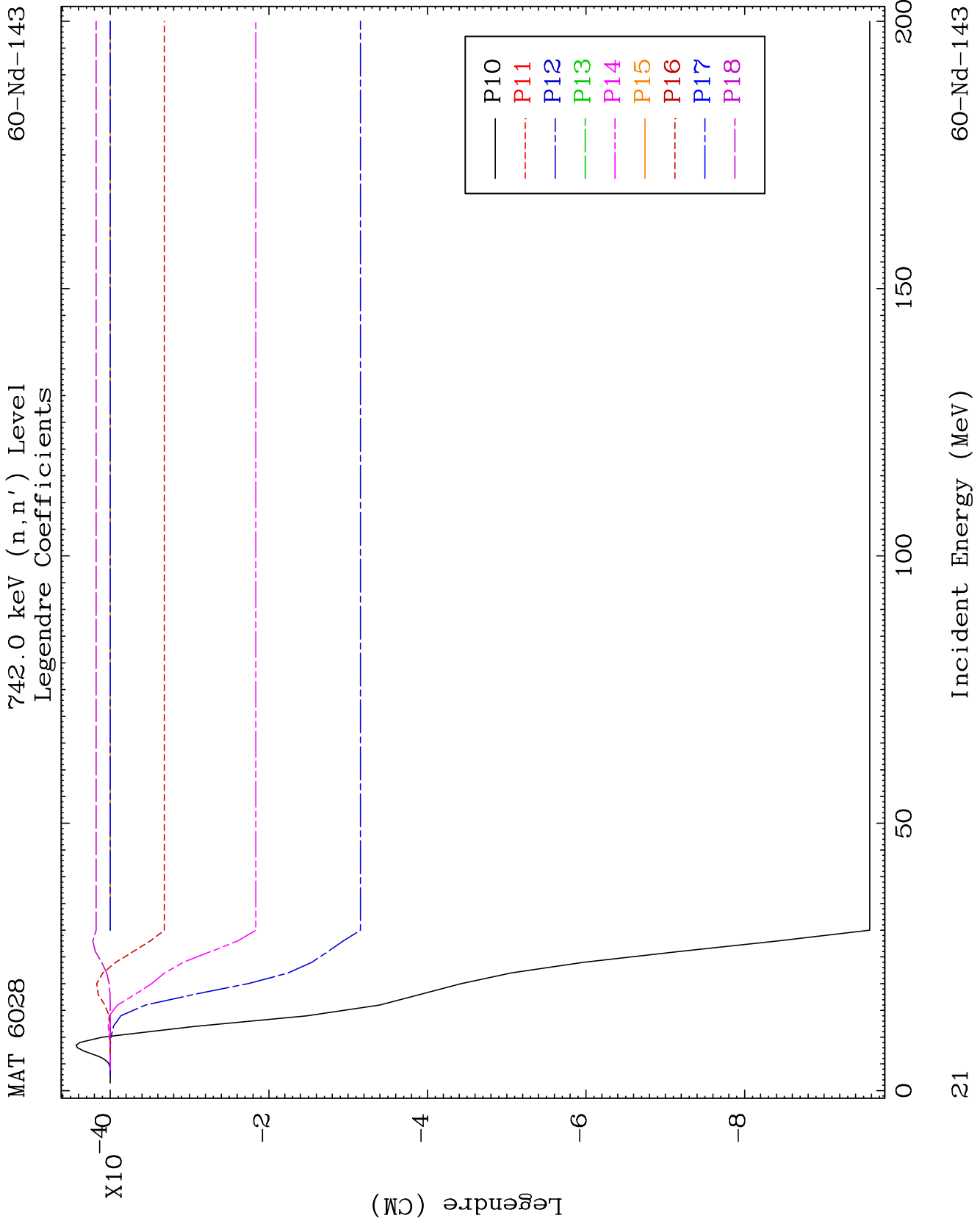
60-Nd-143

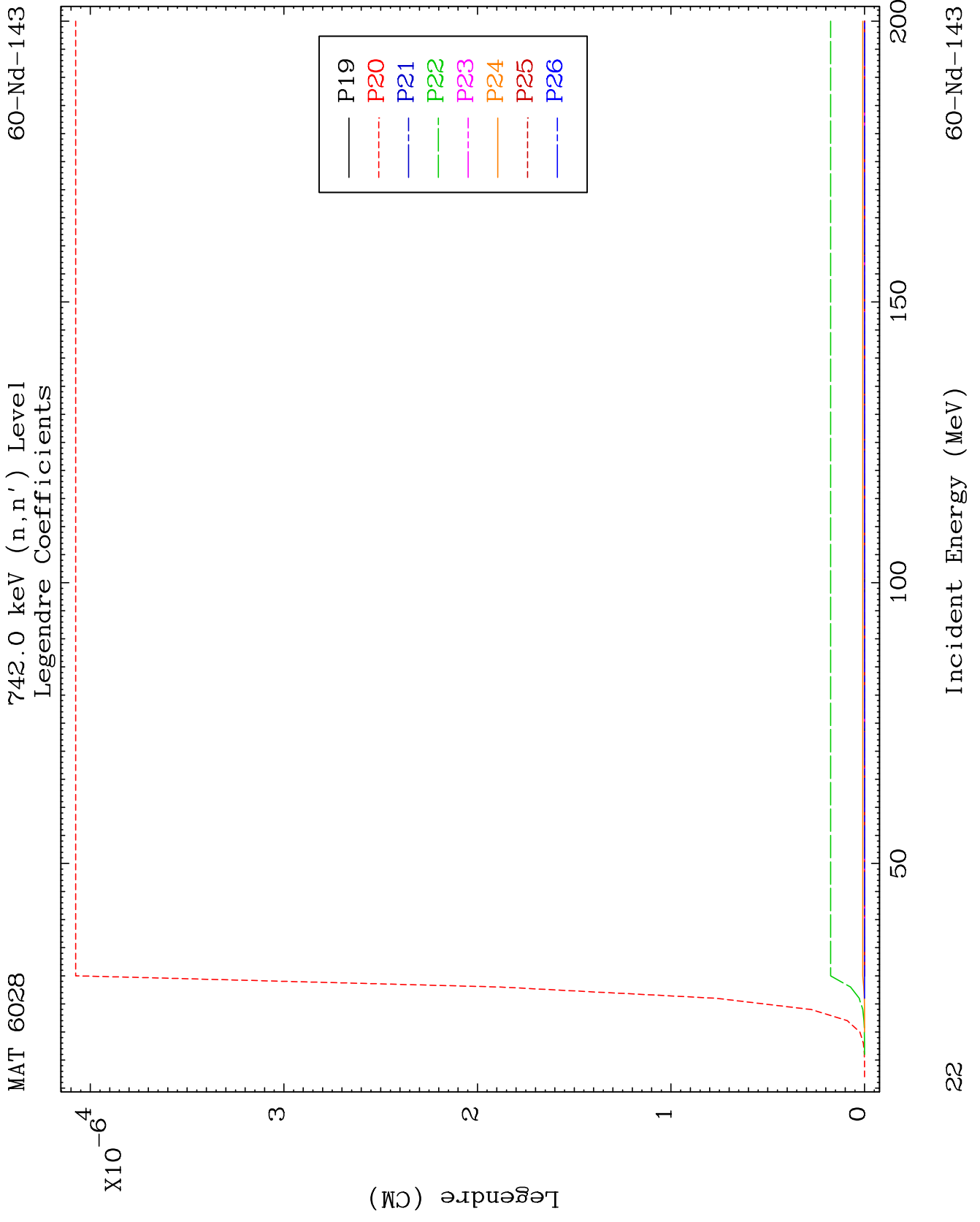


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Incident Energy (MeV)

60-Nd-143

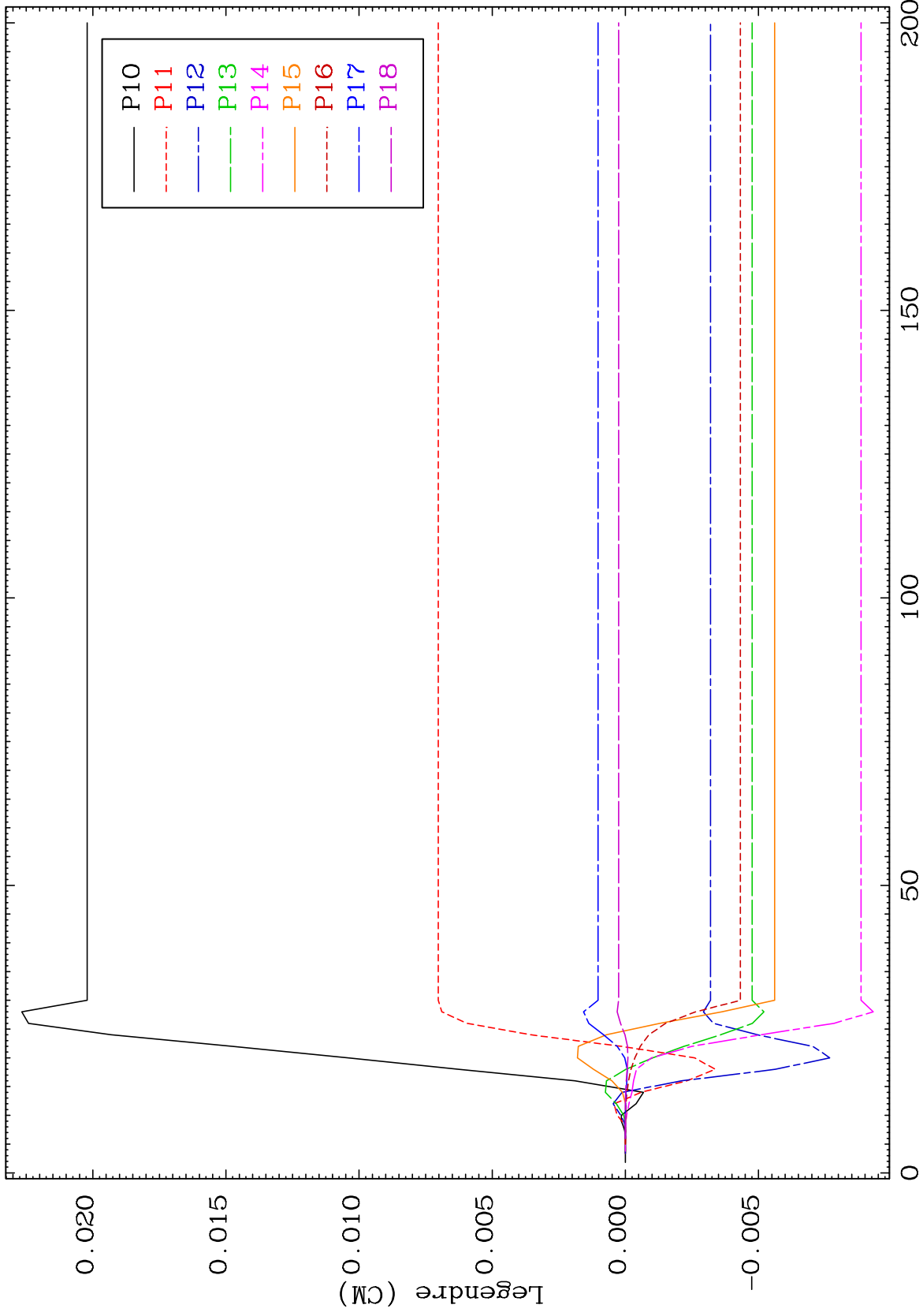




MAT 6028

1.228 MeV (n,n') Level
Legendre Coefficients

60-Nd-143



24

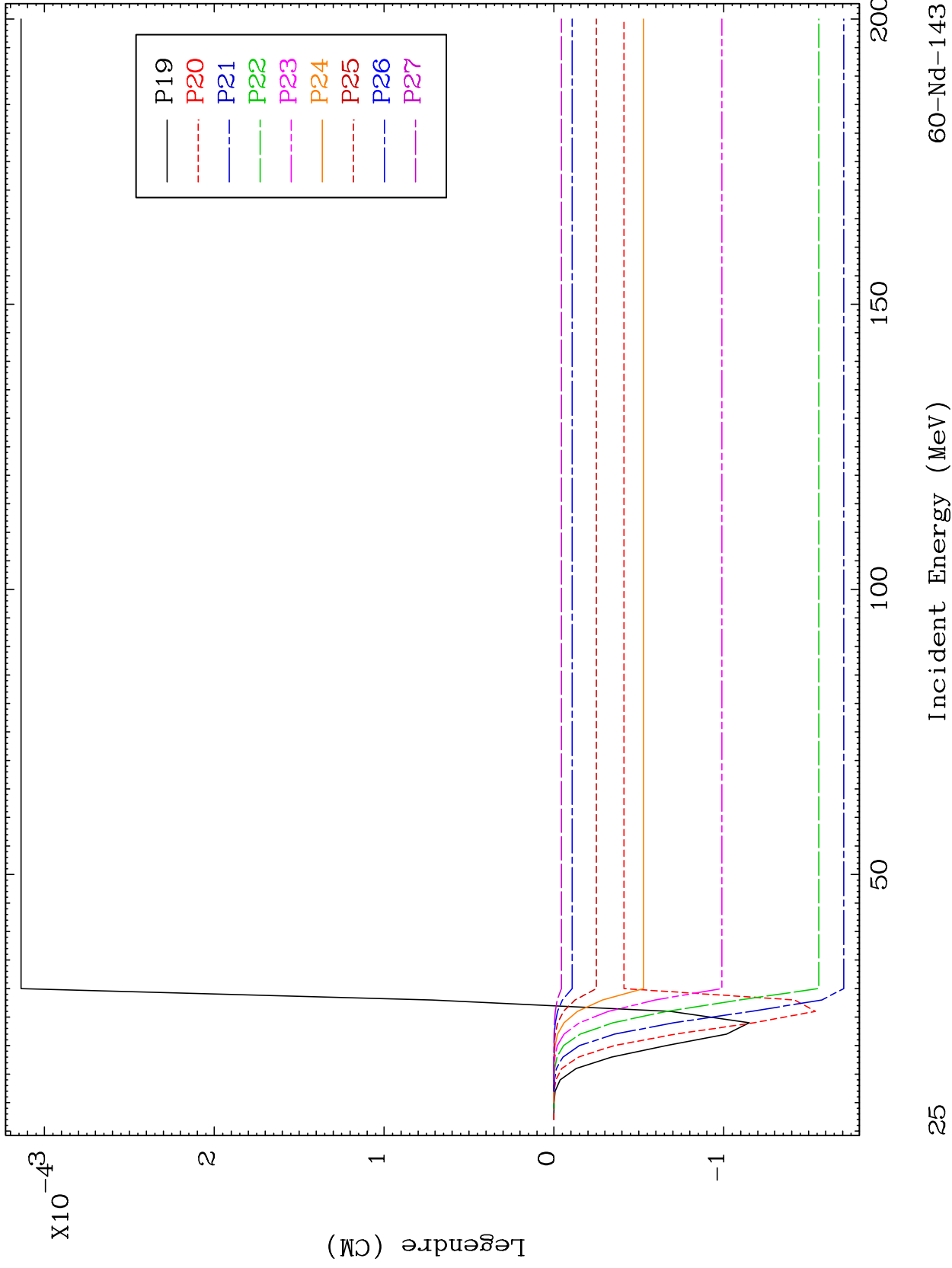
Incident Energy (MeV)

60-Nd-143

MAT 6028

1.228 MeV (n, n') Level
Legendre Coefficients

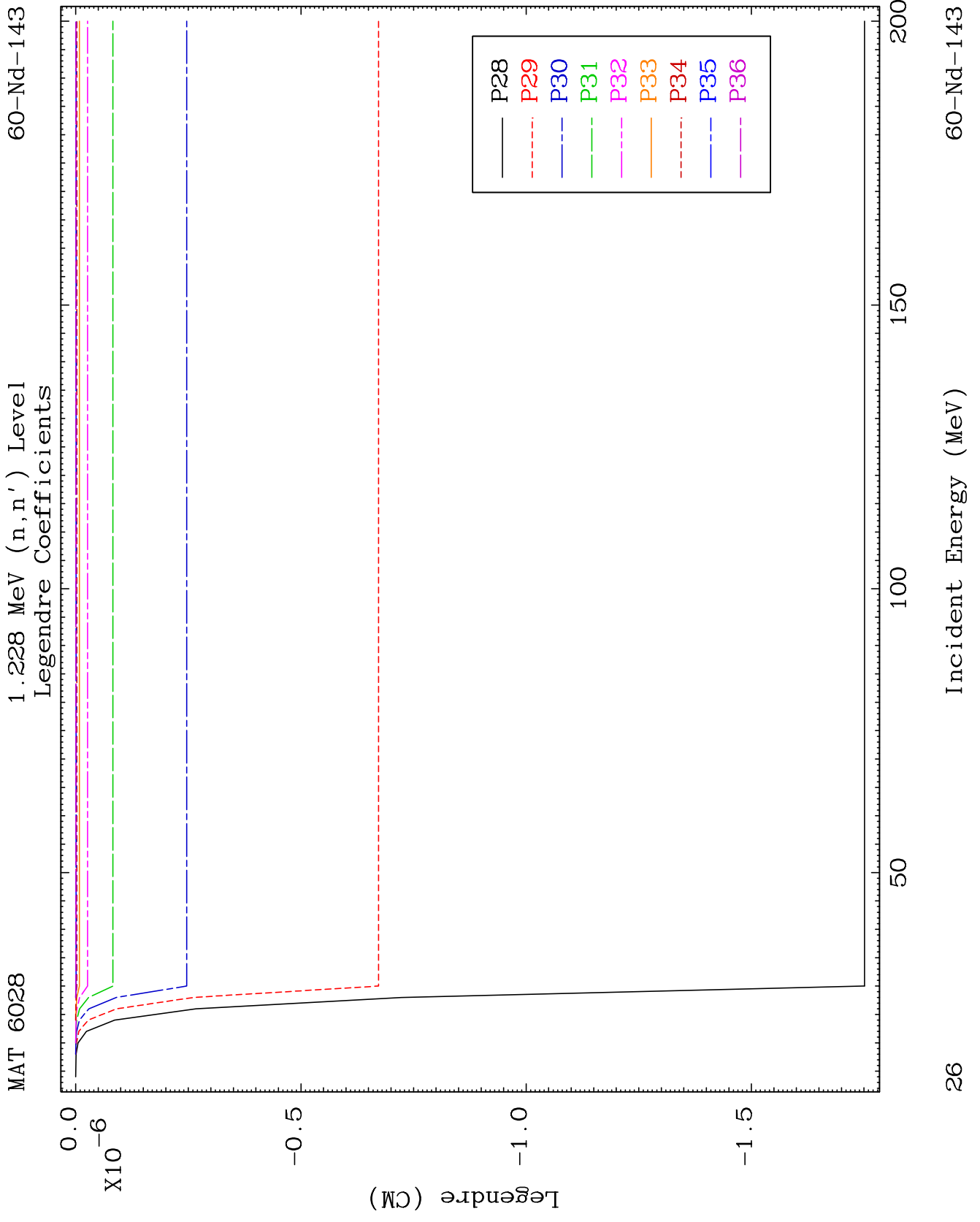
60-Nd-143



25

Incident Energy (MeV)

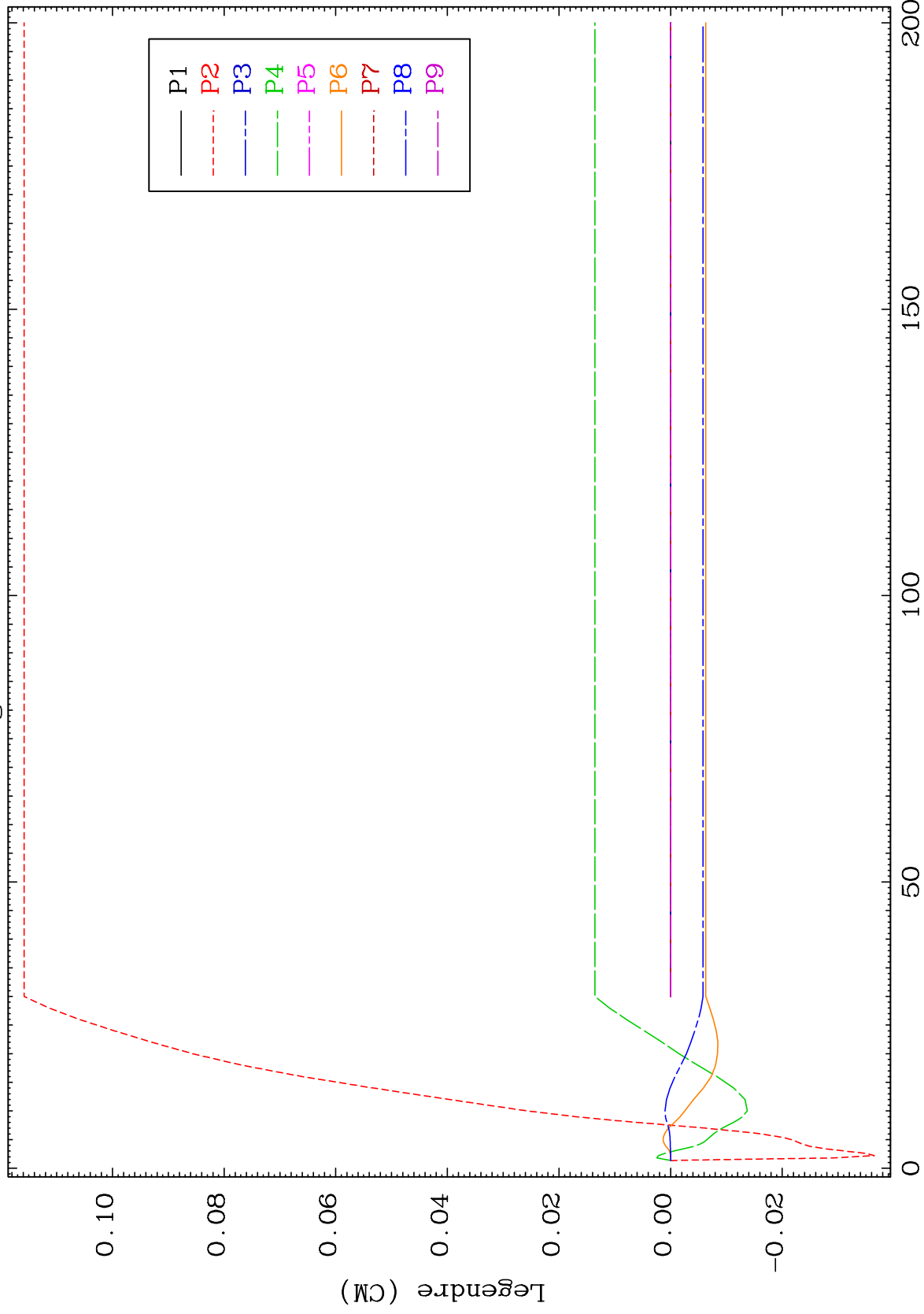
60-Nd-143



MAT 6028

1.306 MeV (n,n') Level
Legendre Coefficients

60-Nd-143



60-Nd-143

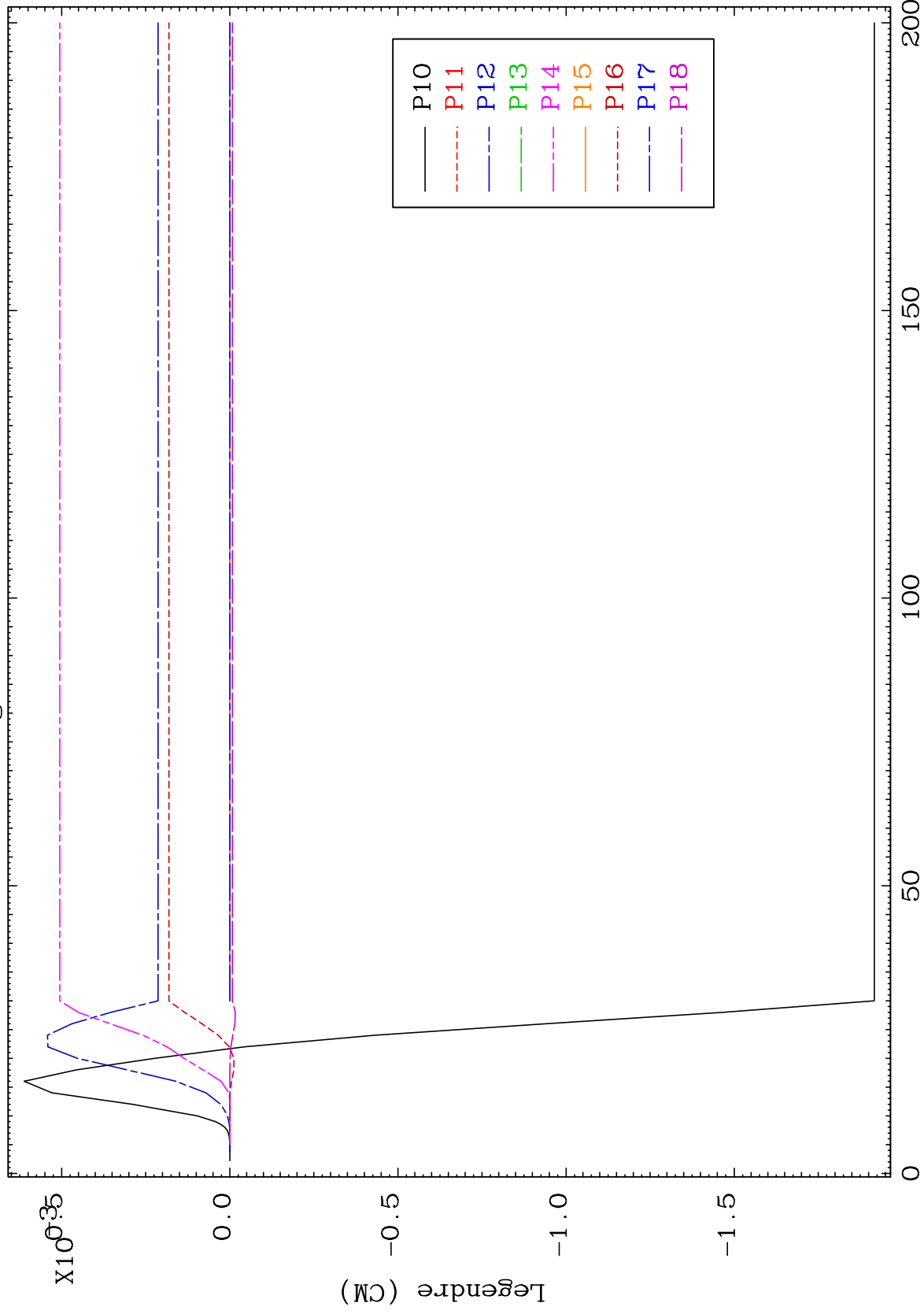
Incident Energy (MeV)

27

MAT 6028

1.306 MeV (n,n') Level
Legendre Coefficients

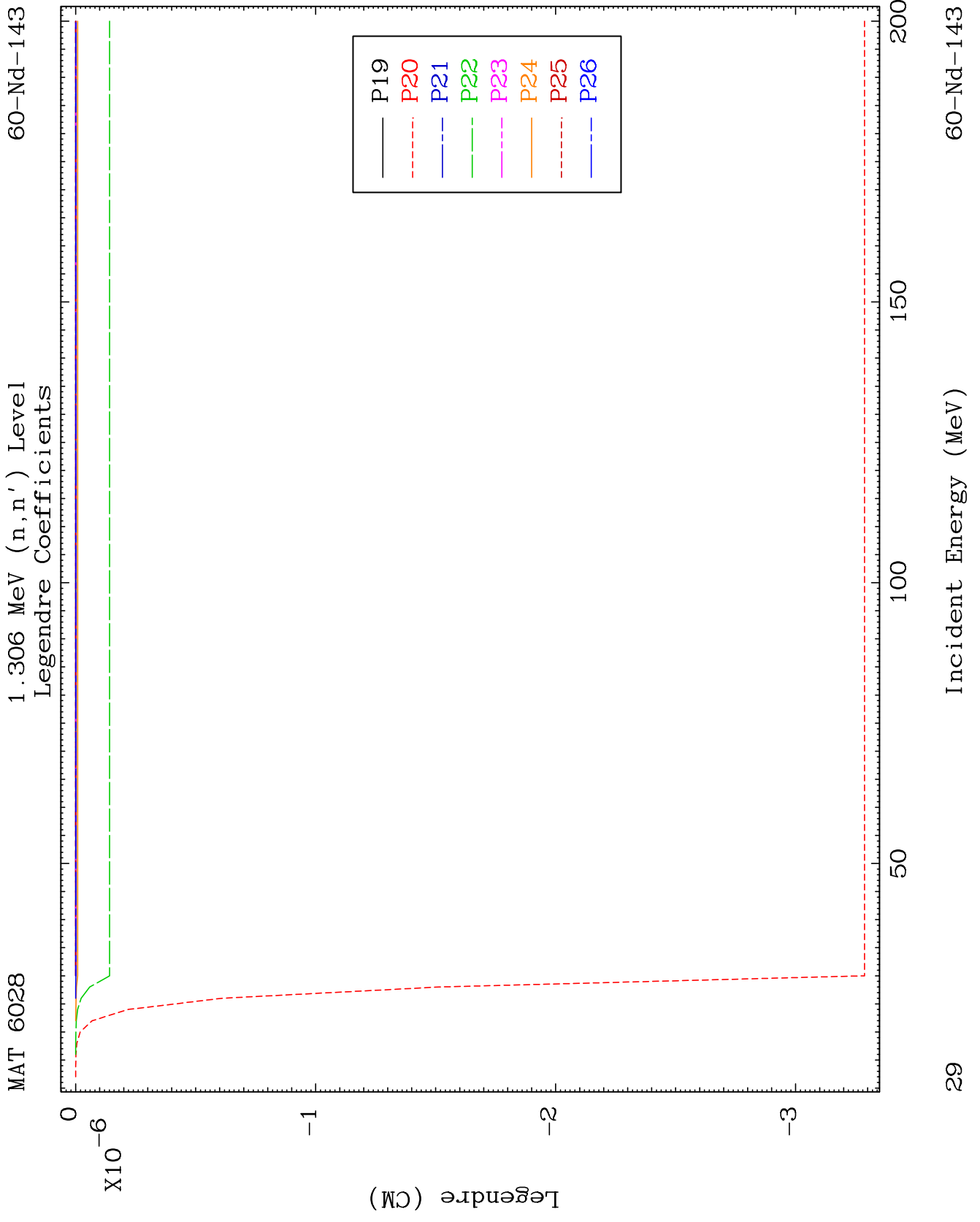
60-Nd-143



28

Incident Energy (MeV)

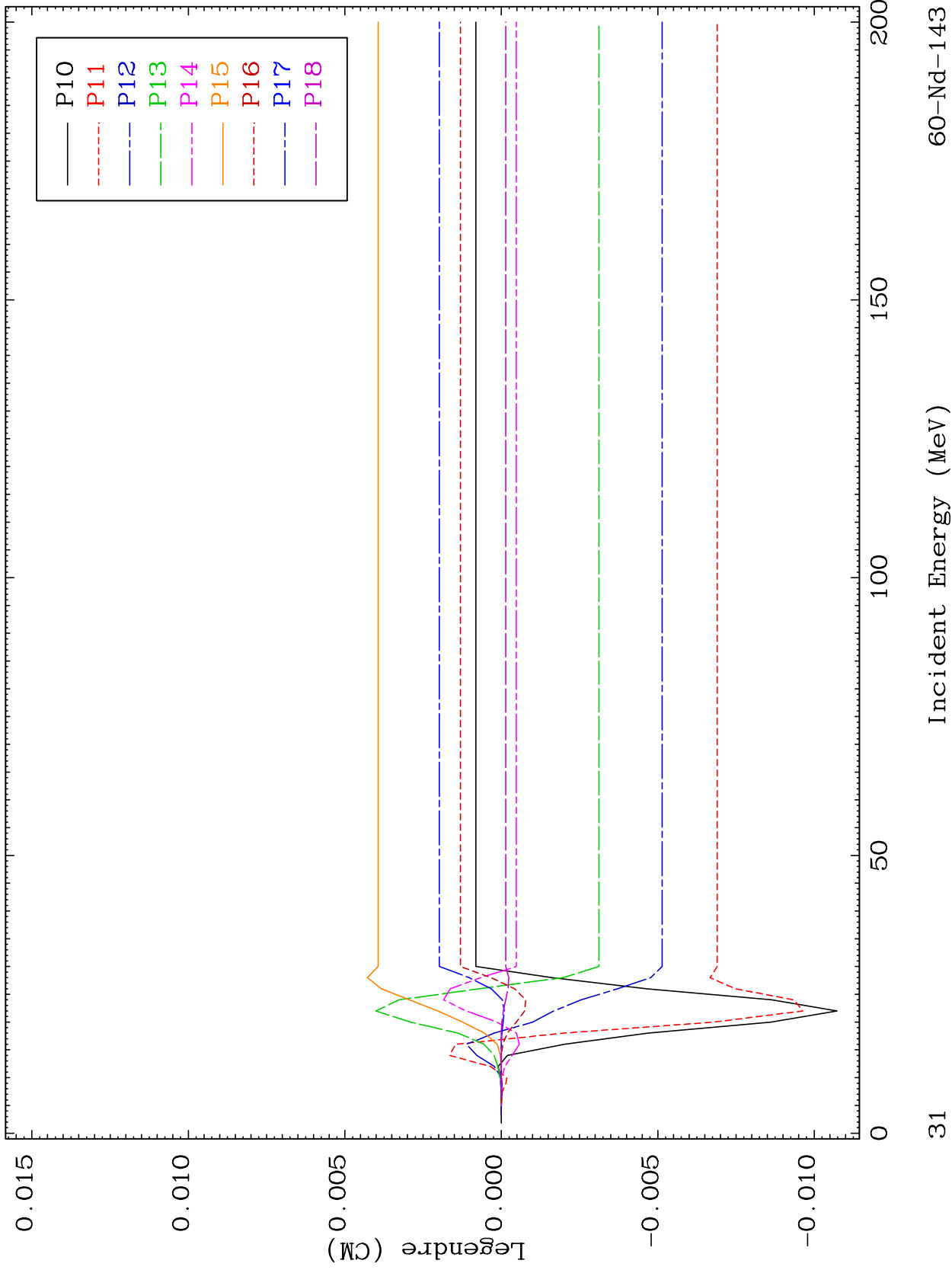
60-Nd-143



MAT 6028

1.407 MeV (n,n') Level
Legendre Coefficients

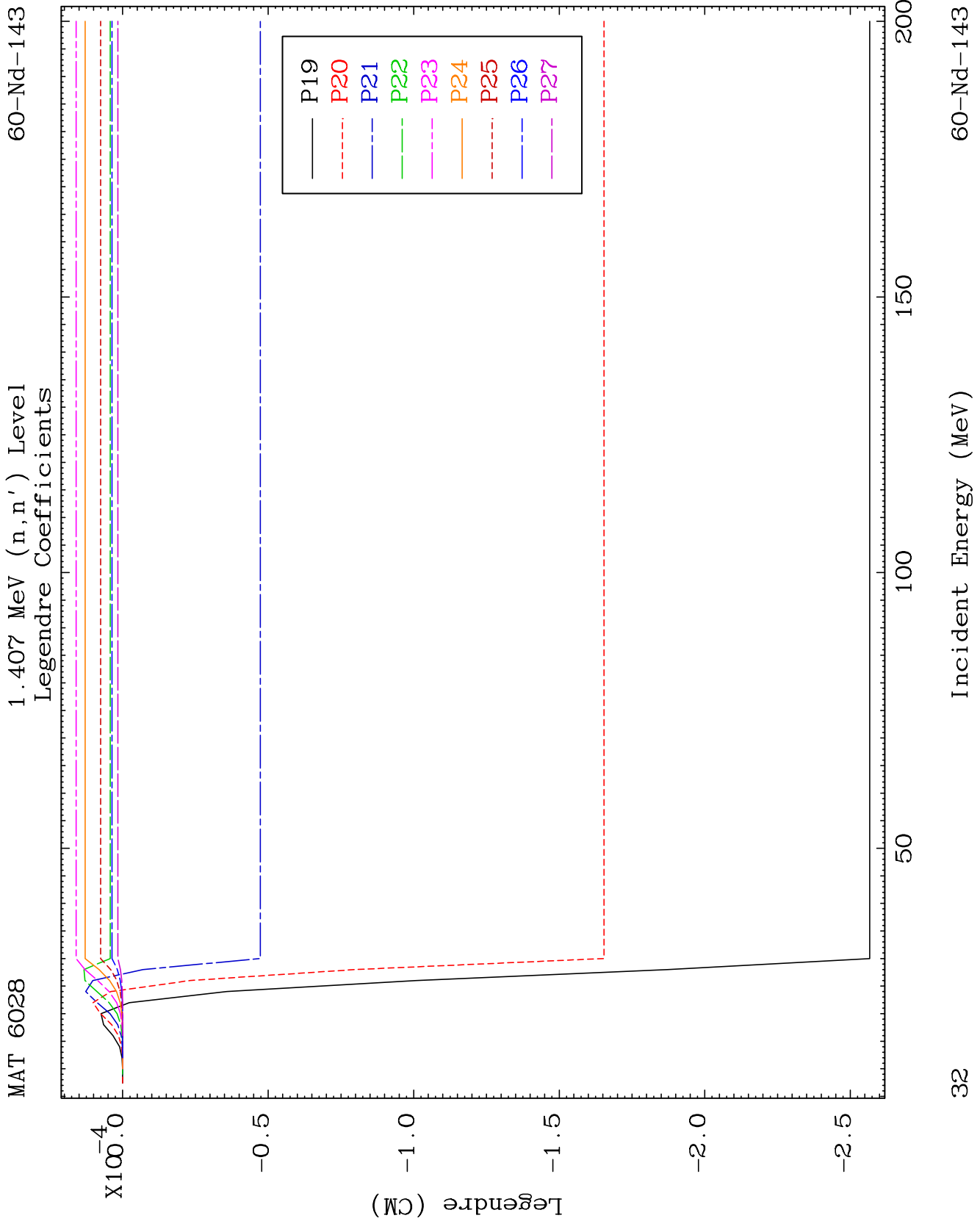
60-Nd-143



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Incident Energy (MeV)

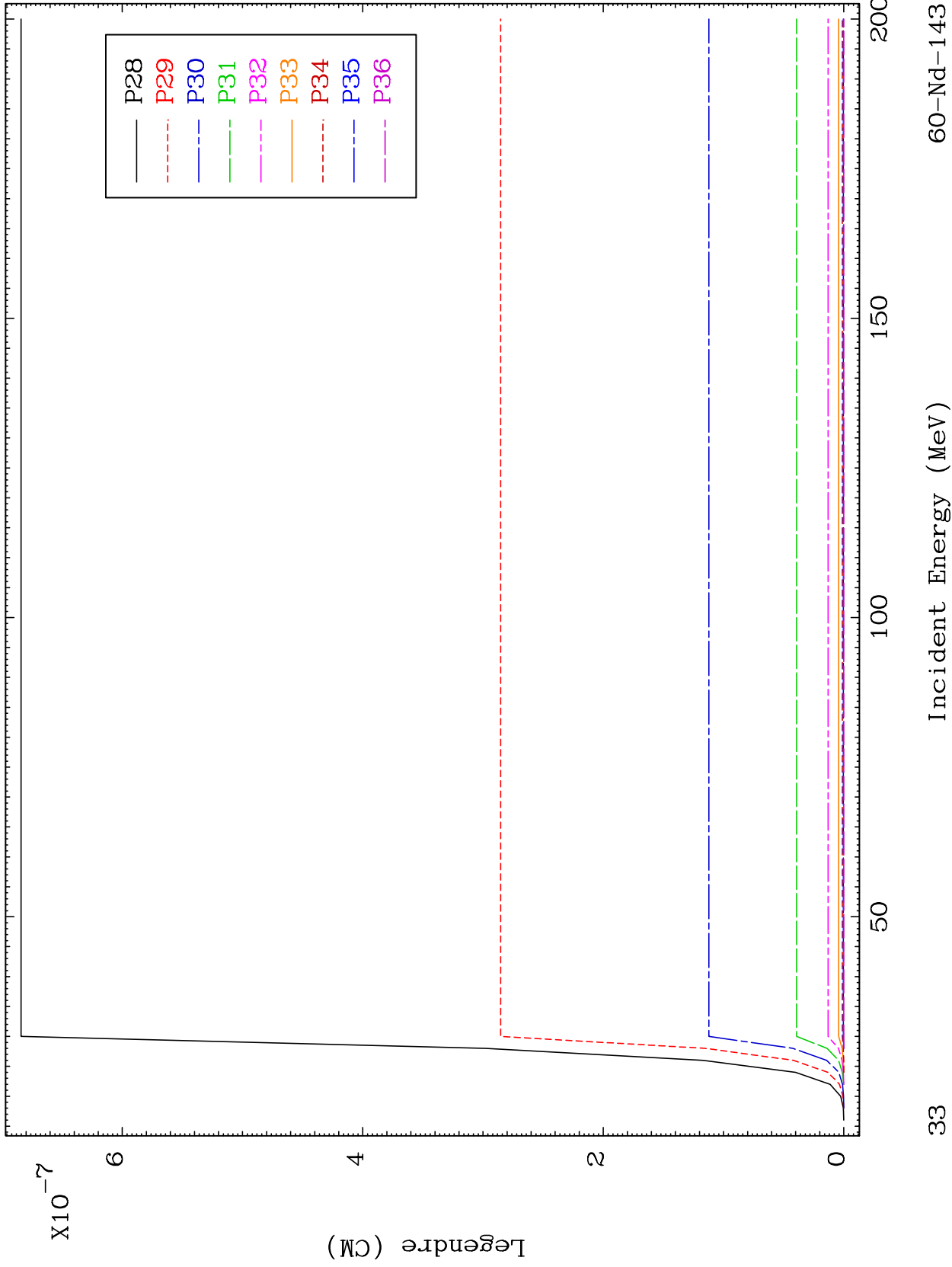
60-Nd-143



MAT 6028

1.407 MeV (n,n') Level
Legendre Coefficients

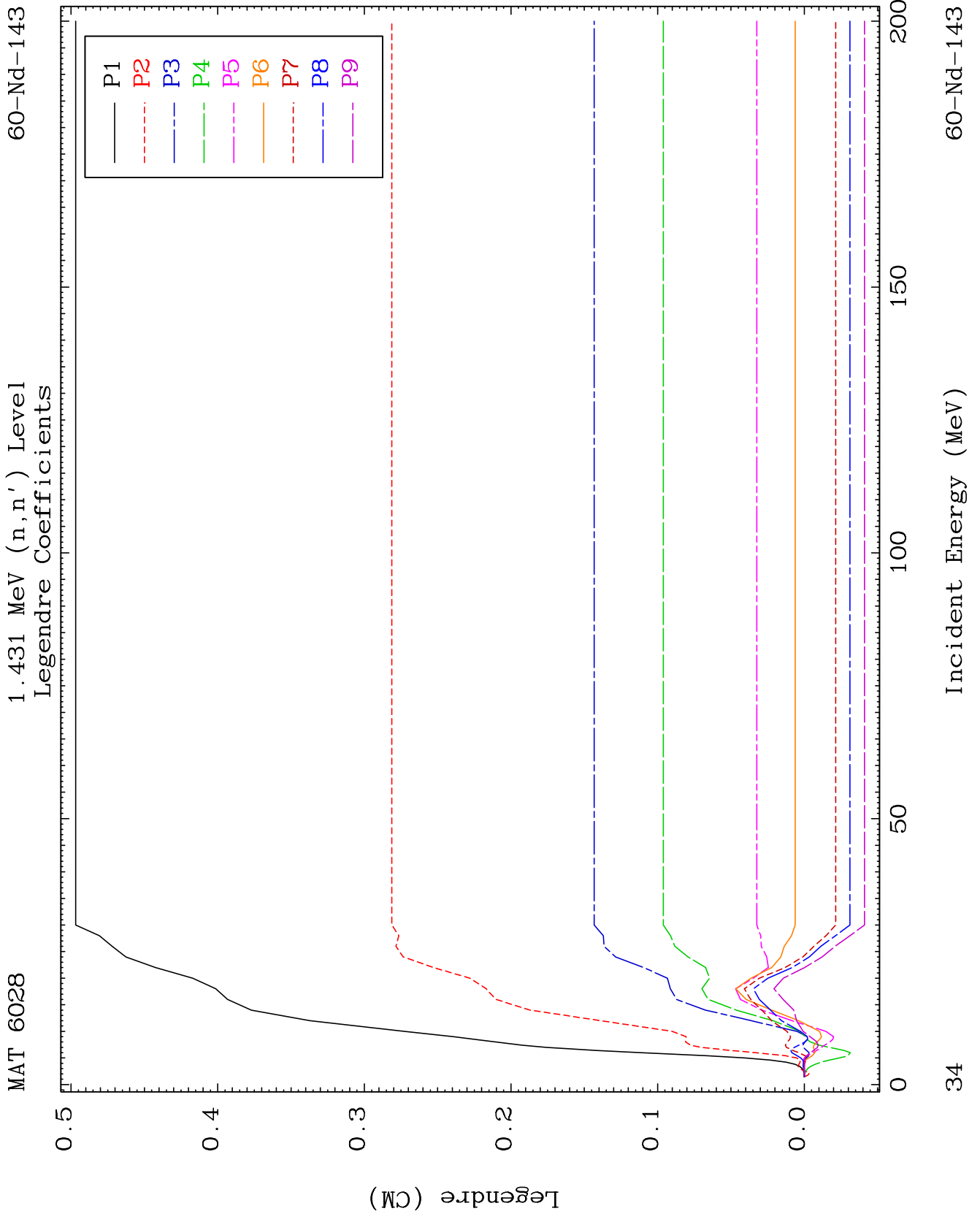
60-Nd-143

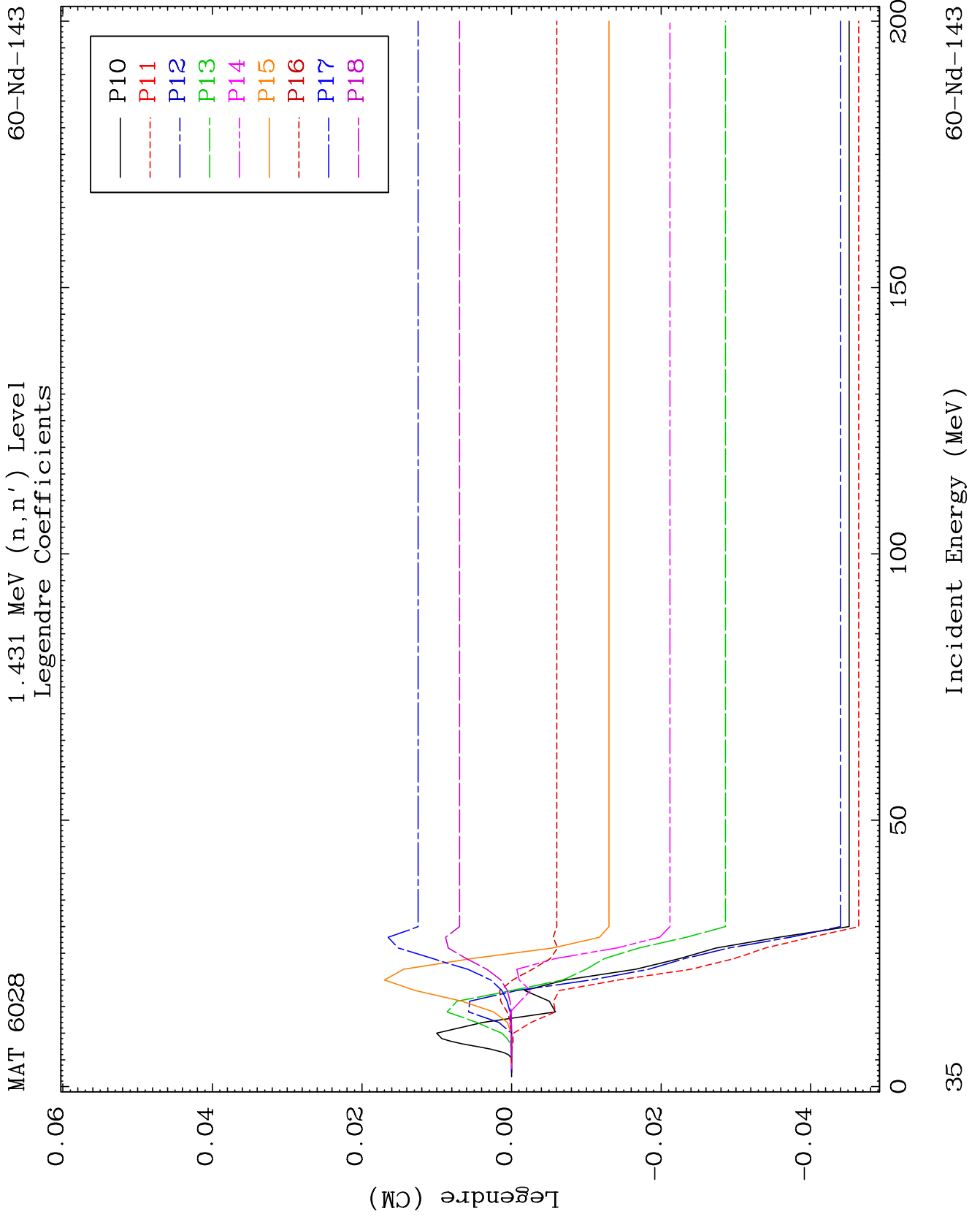


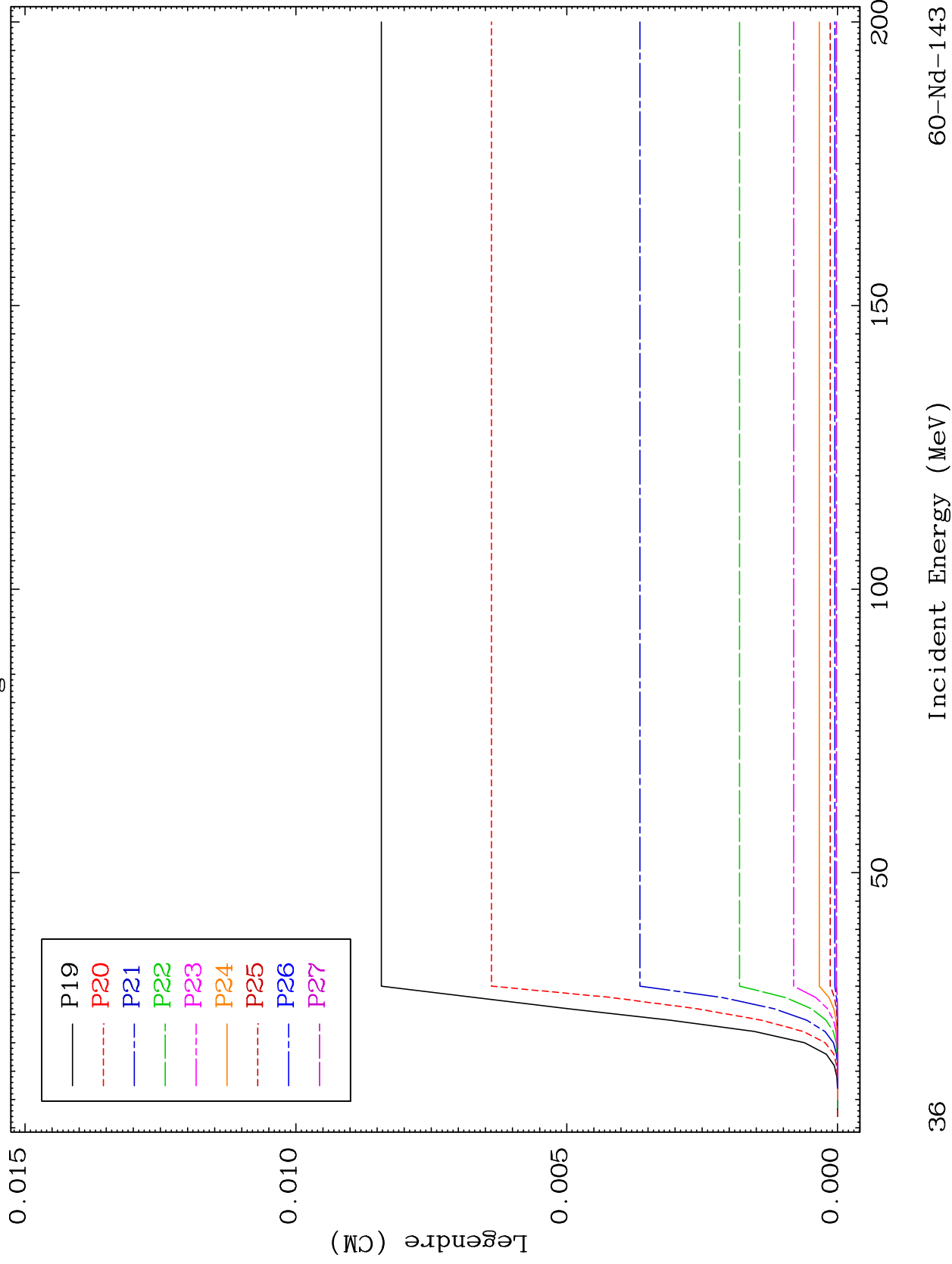
33

Incident Energy (MeV)

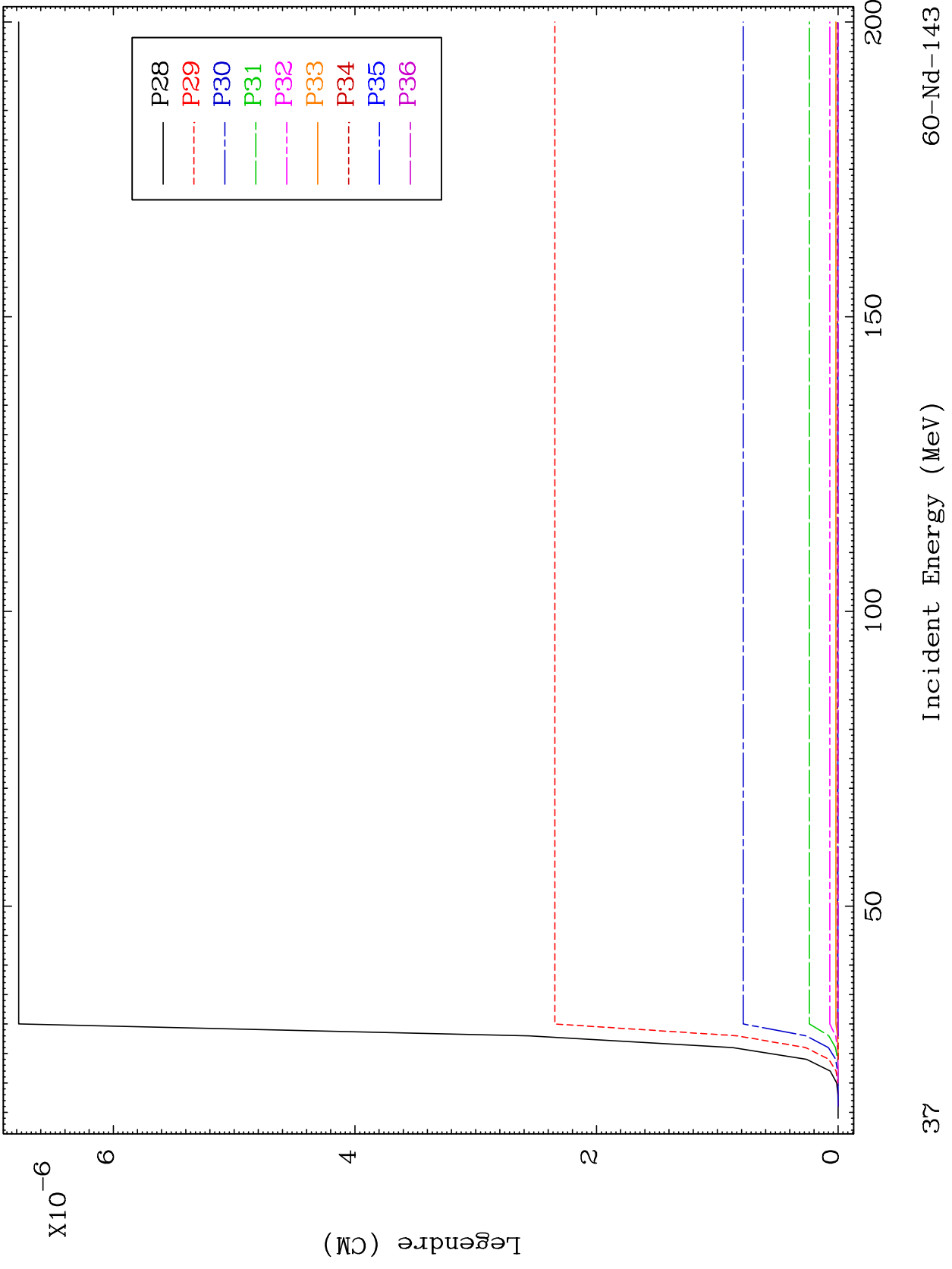
60-Nd-143







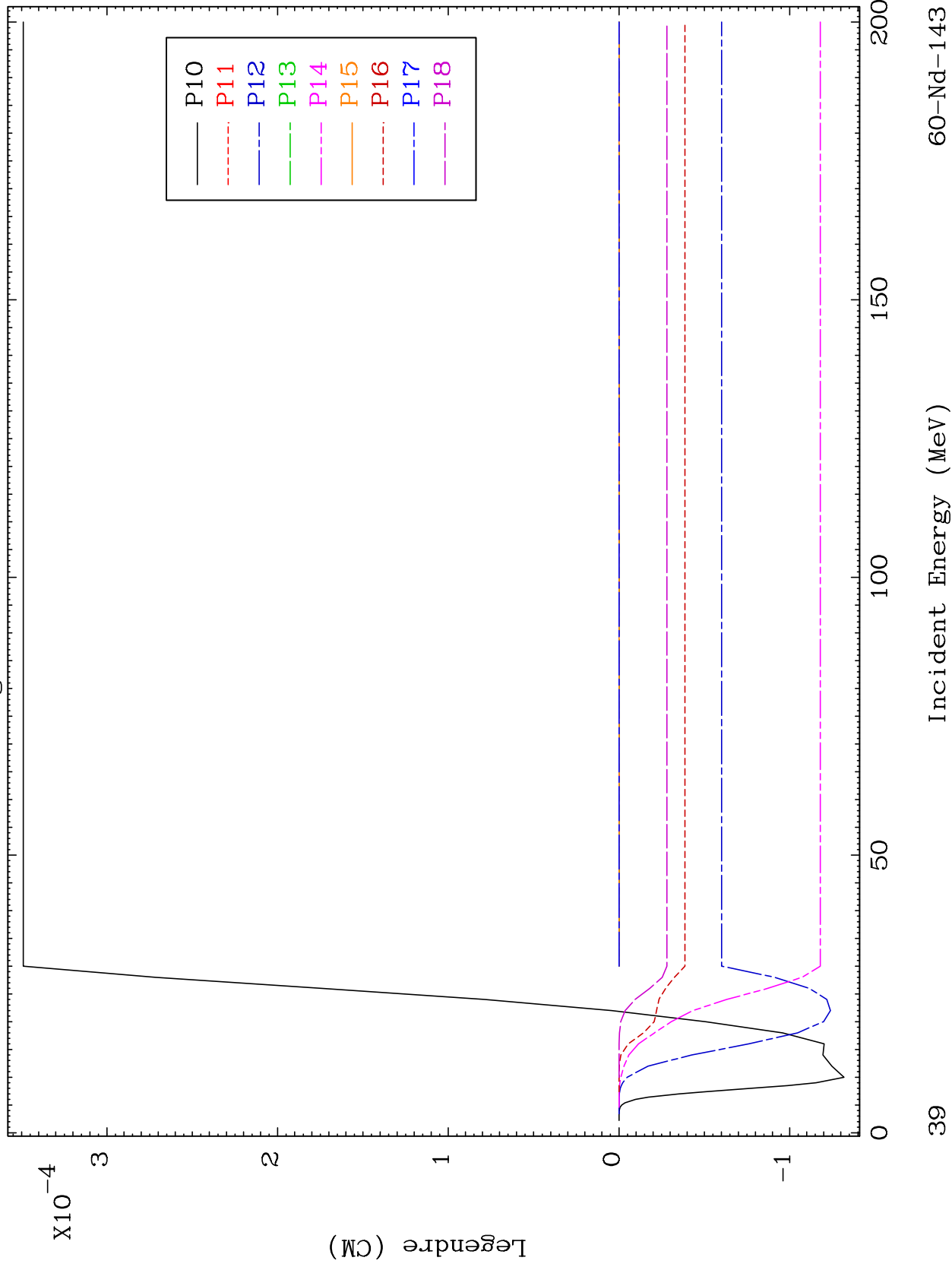
MAT 6028 1.431 MeV (n,n') Level Legendre Coefficients 60-Nd-143



MAT 6028

1.506 MeV (n, n') Level
Legendre Coefficients

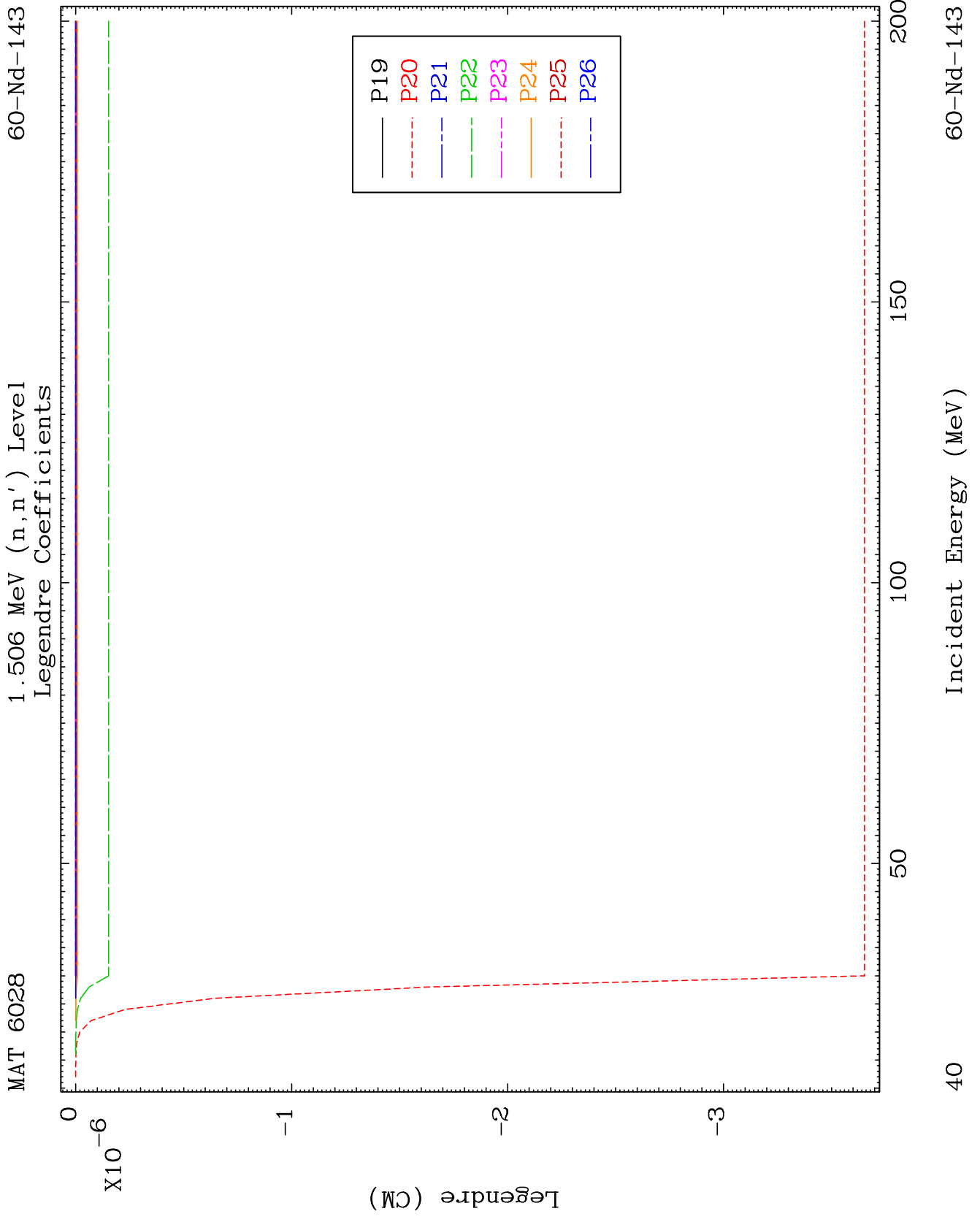
60-Nd-143

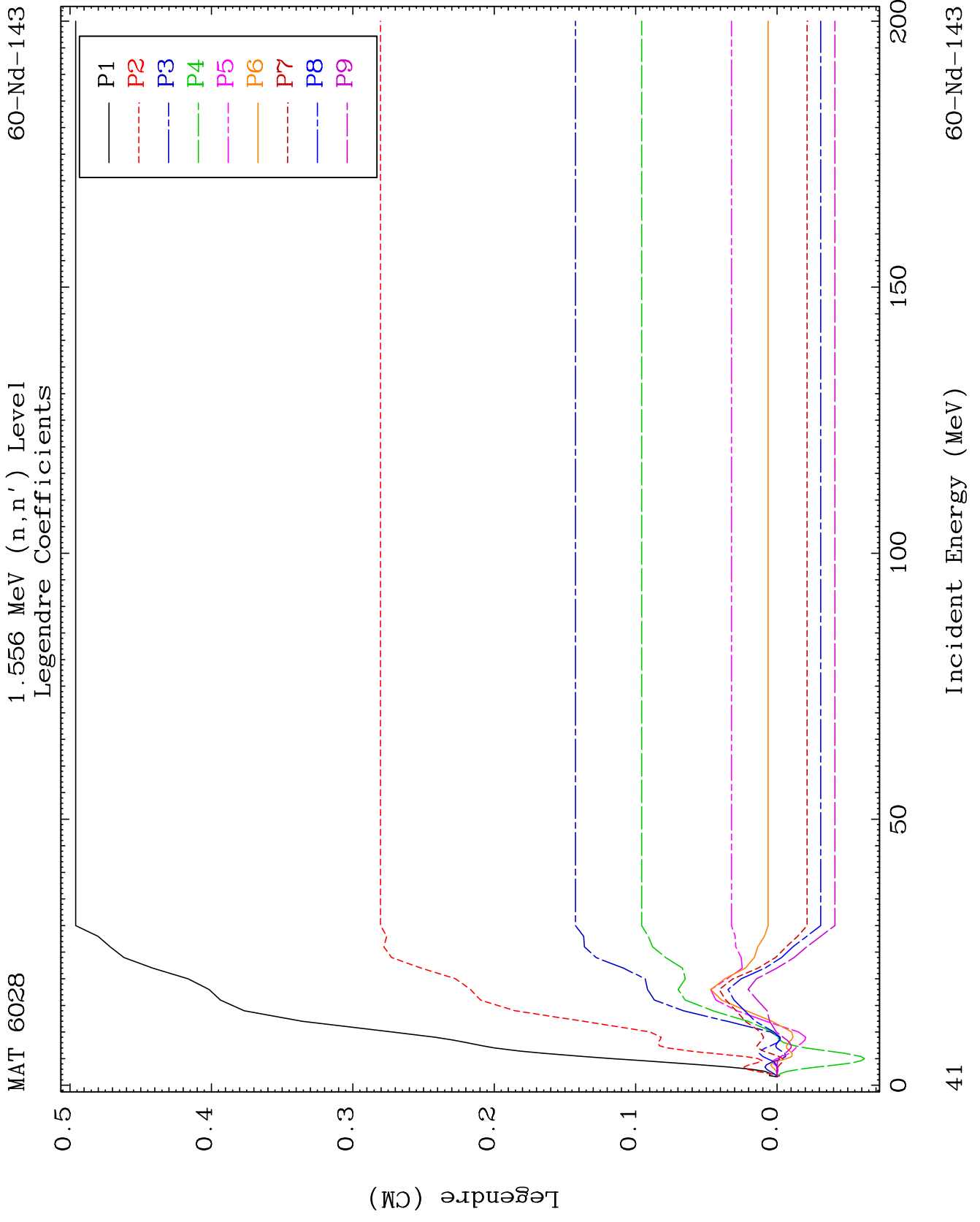


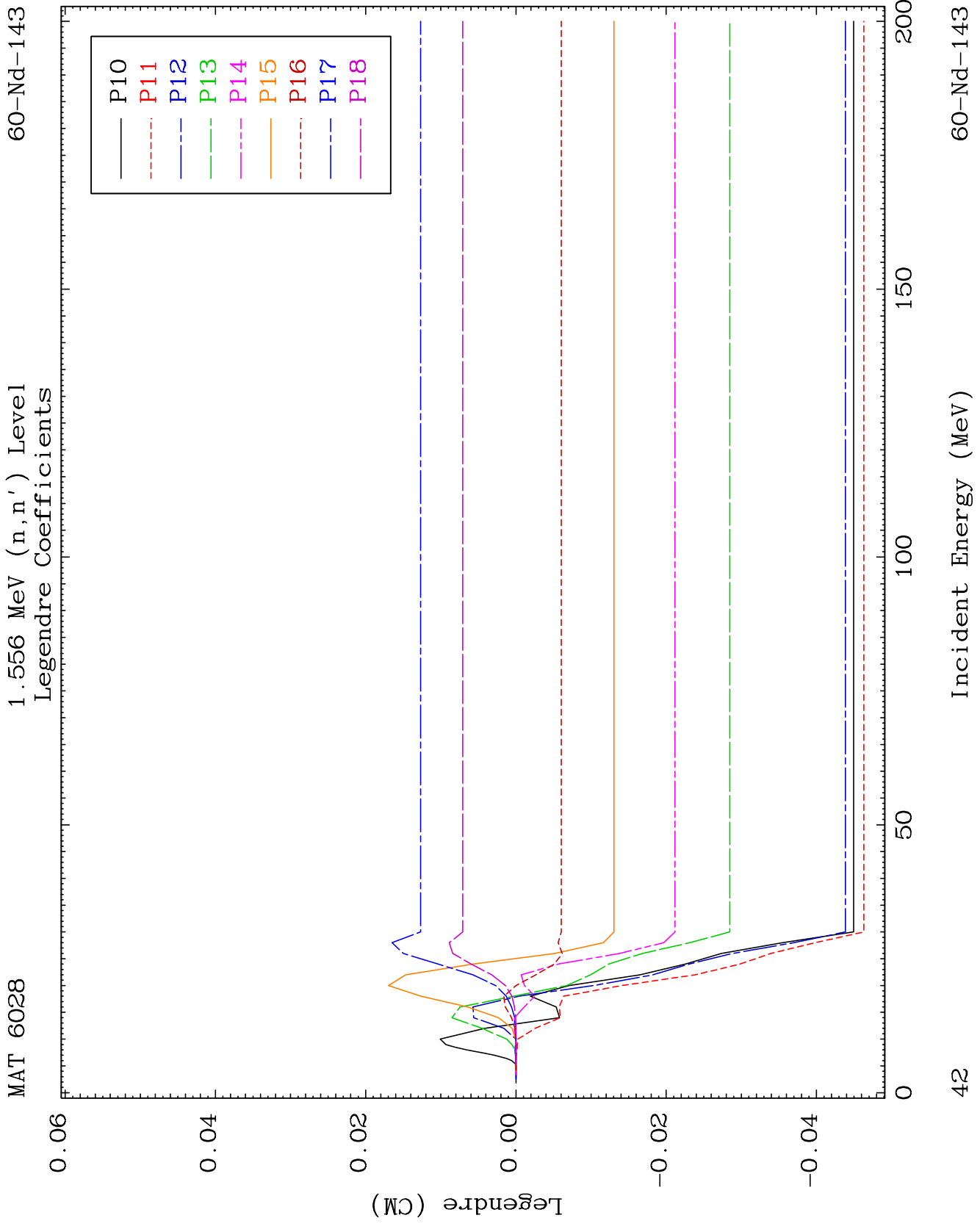
39

Incident Energy (MeV)

60-Nd-143



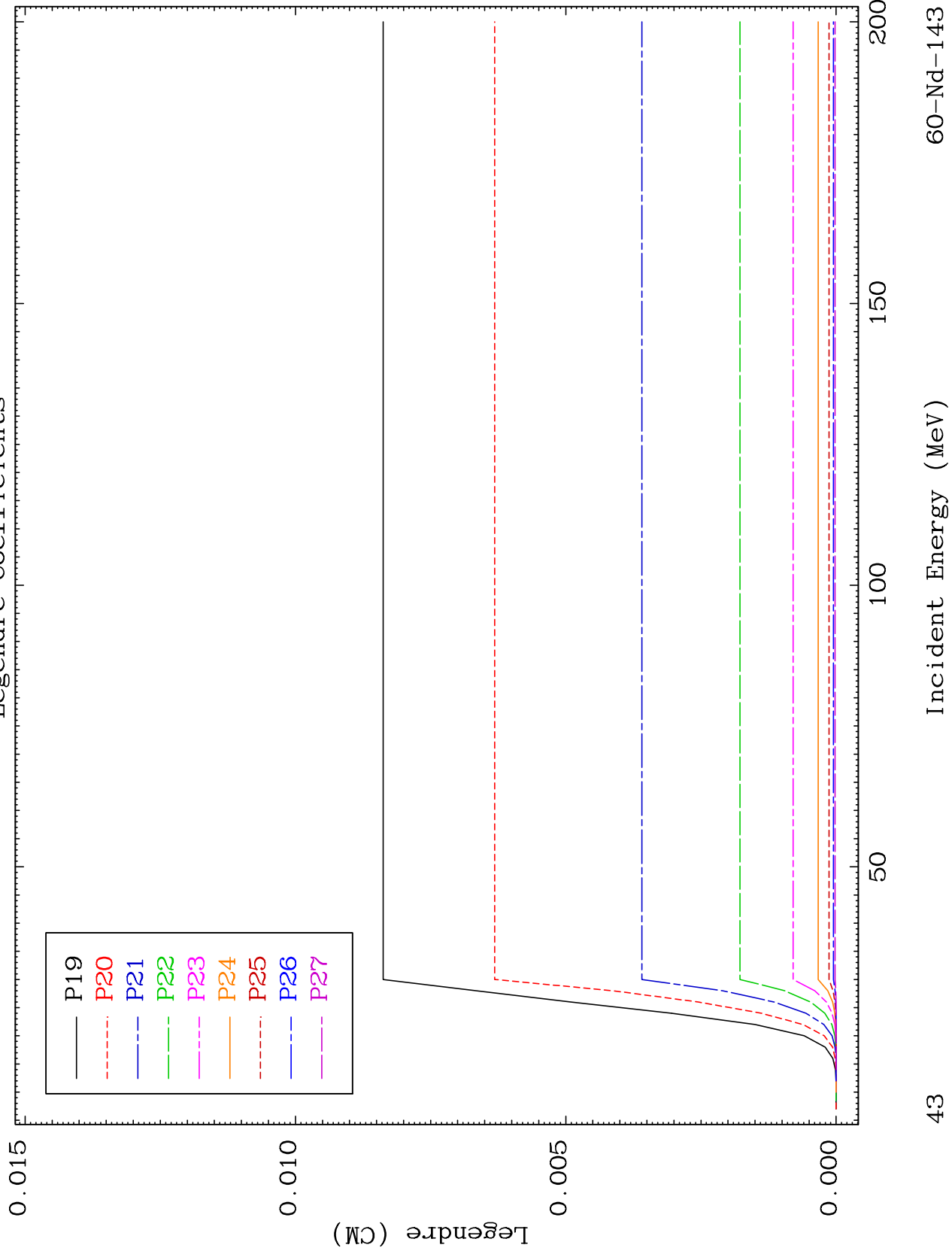




MAT 6028

1.556 MeV (n,n') Level
Legendre Coefficients

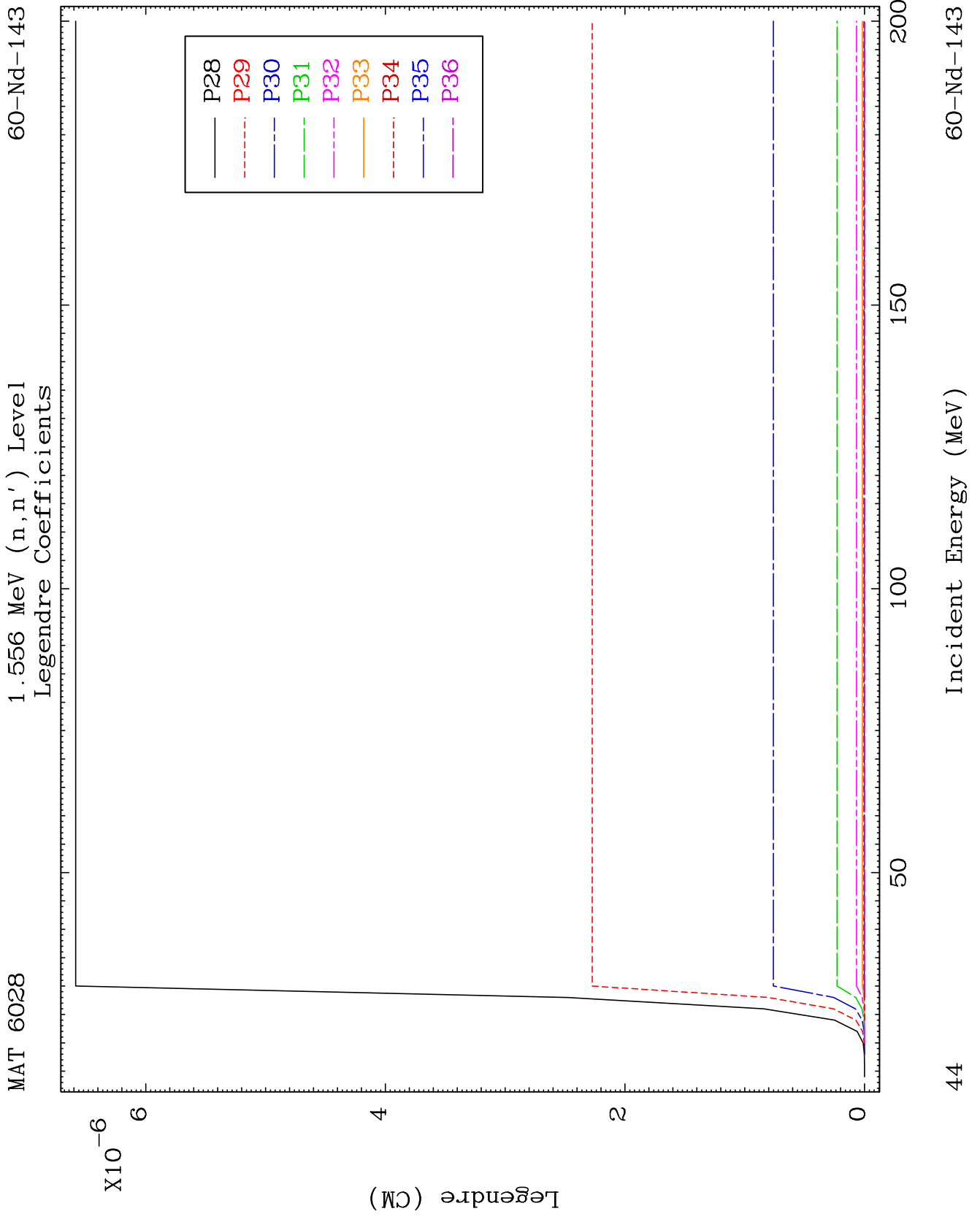
60-Nd-143

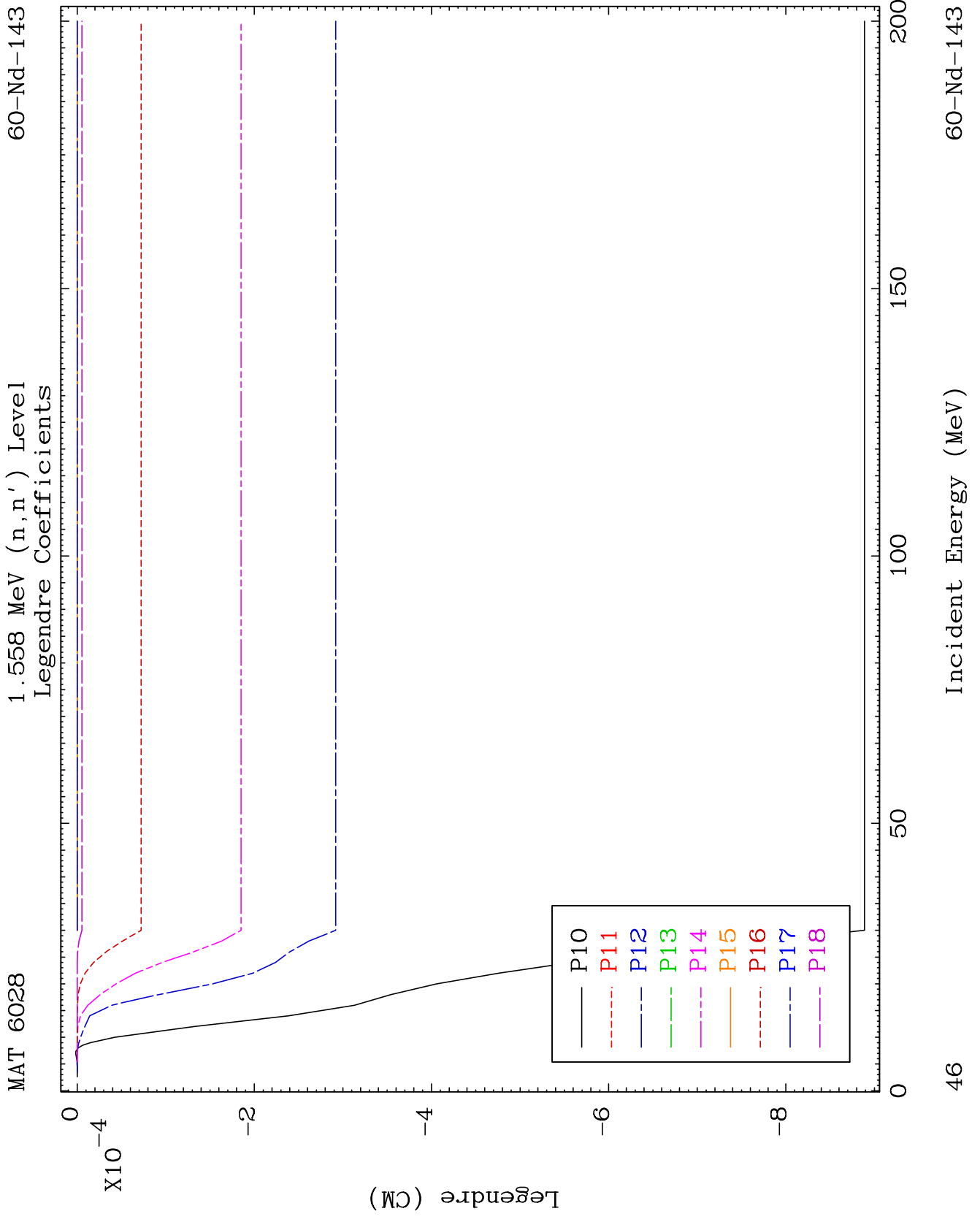


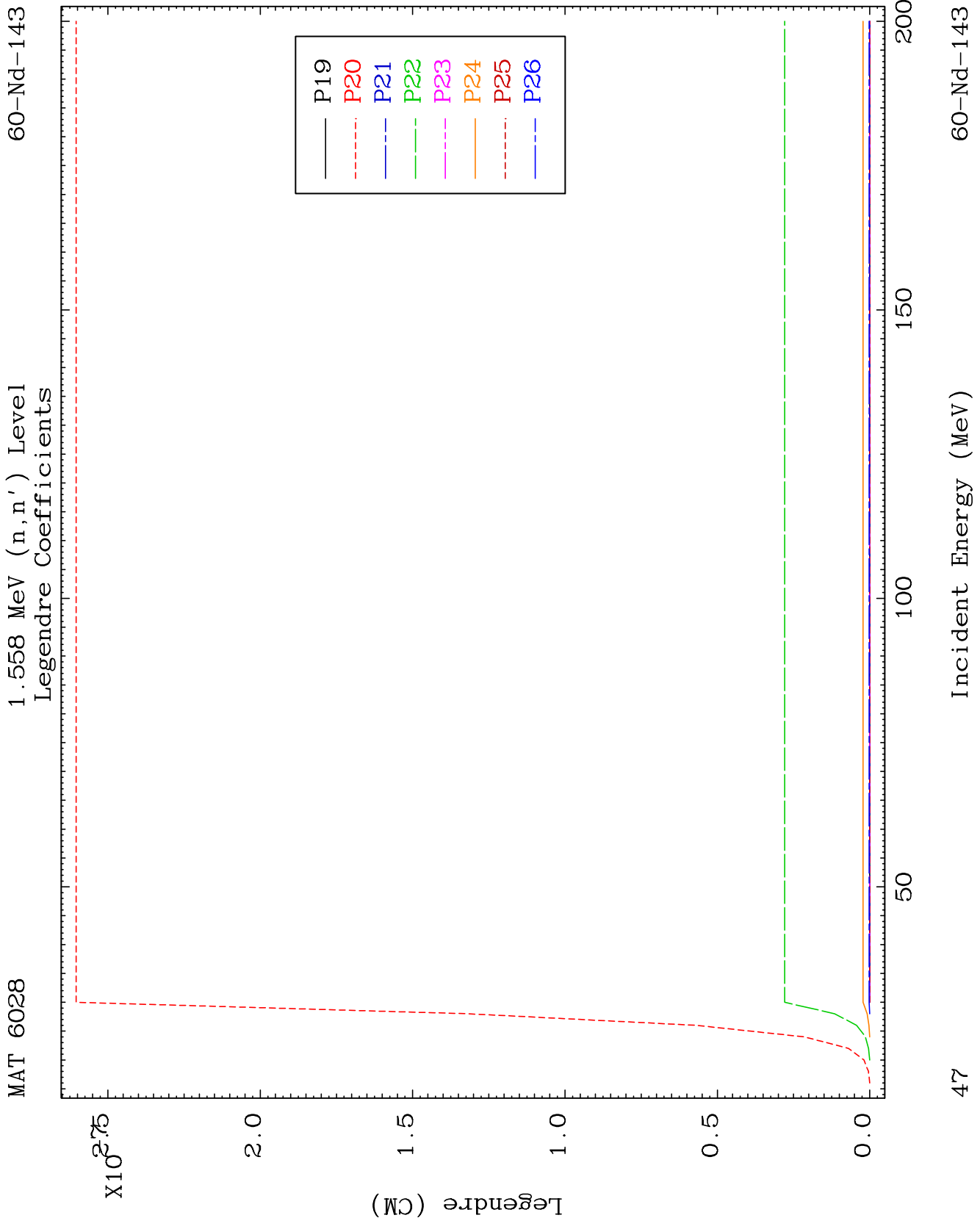
43

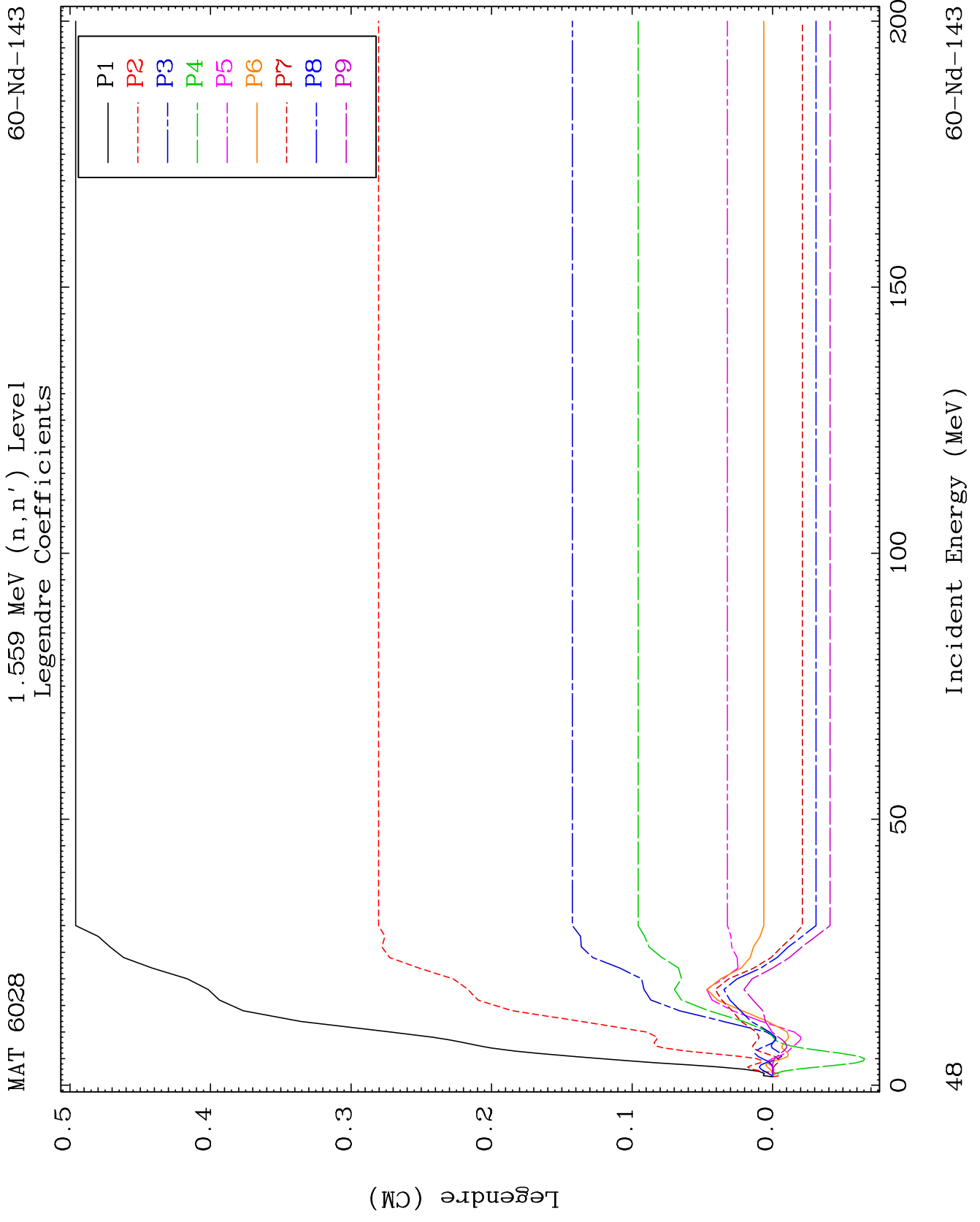
Incident Energy (MeV)

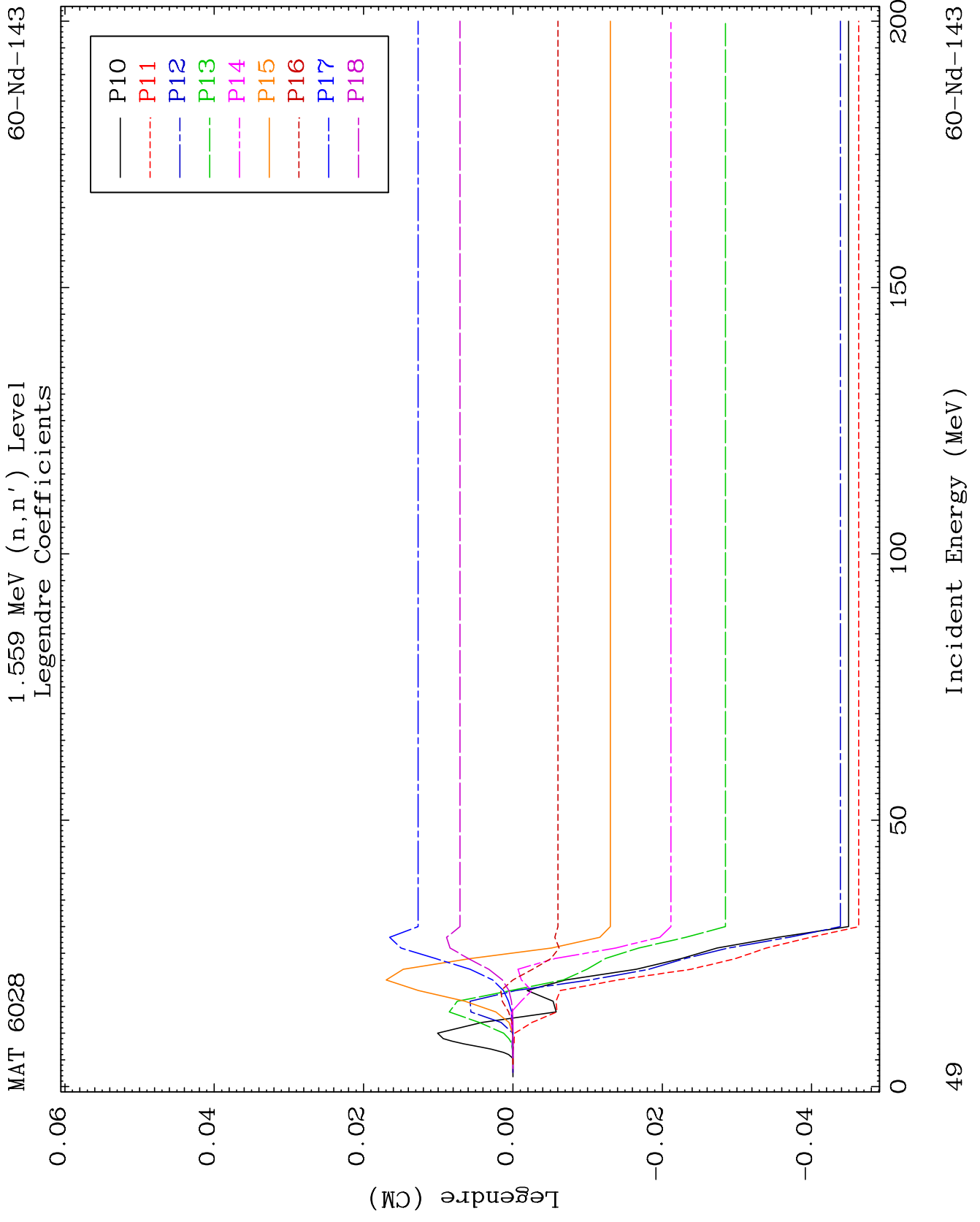
60-Nd-143

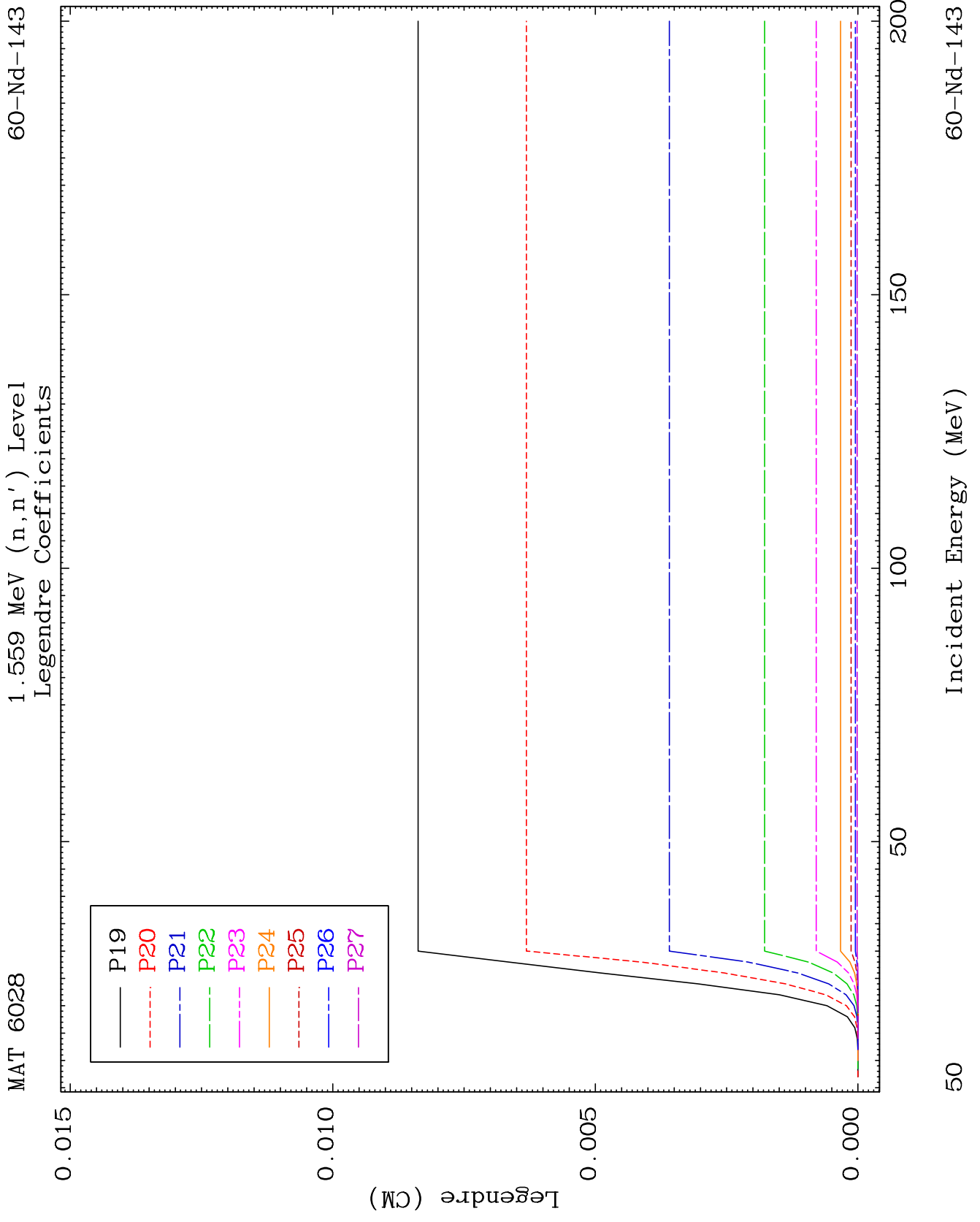


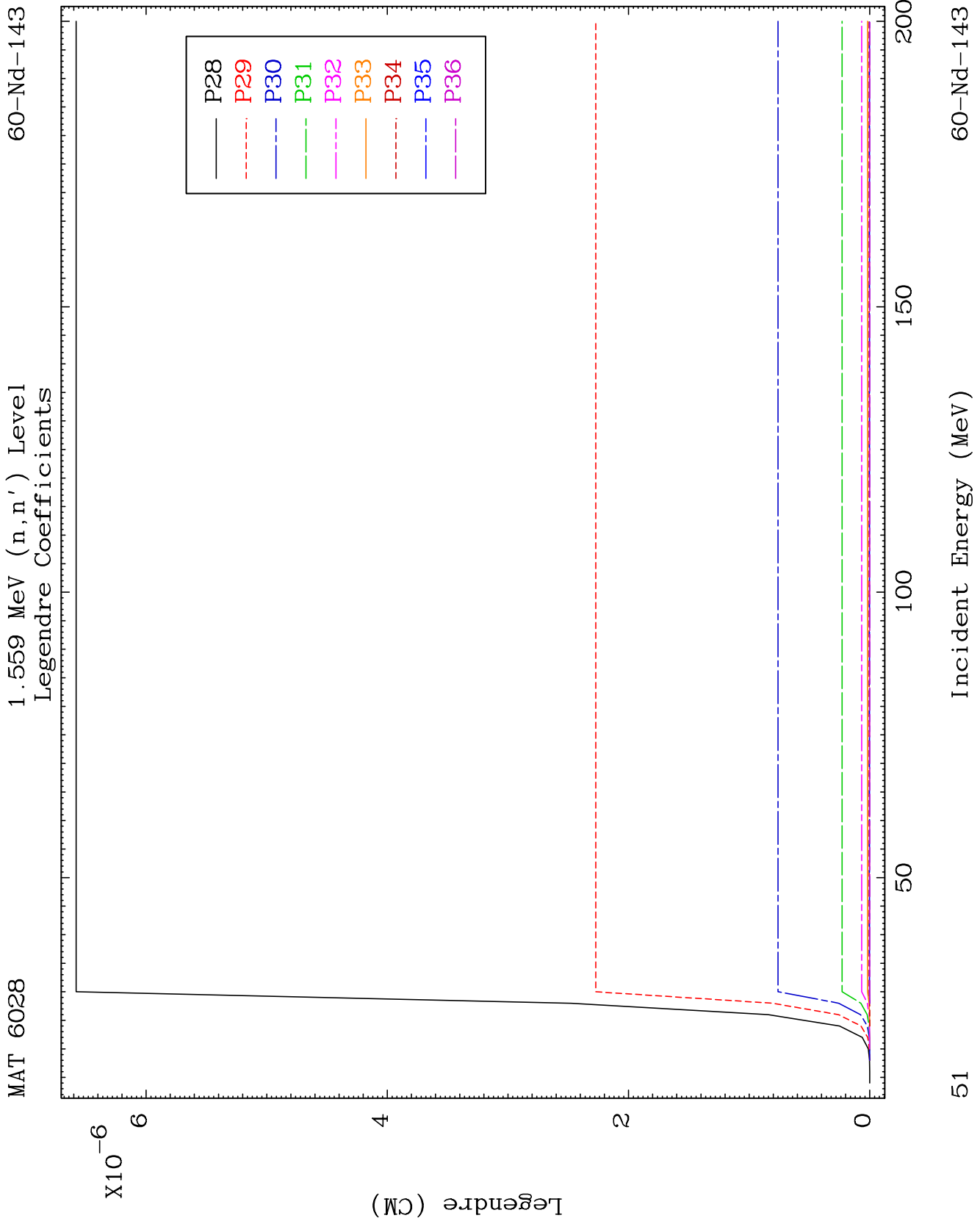


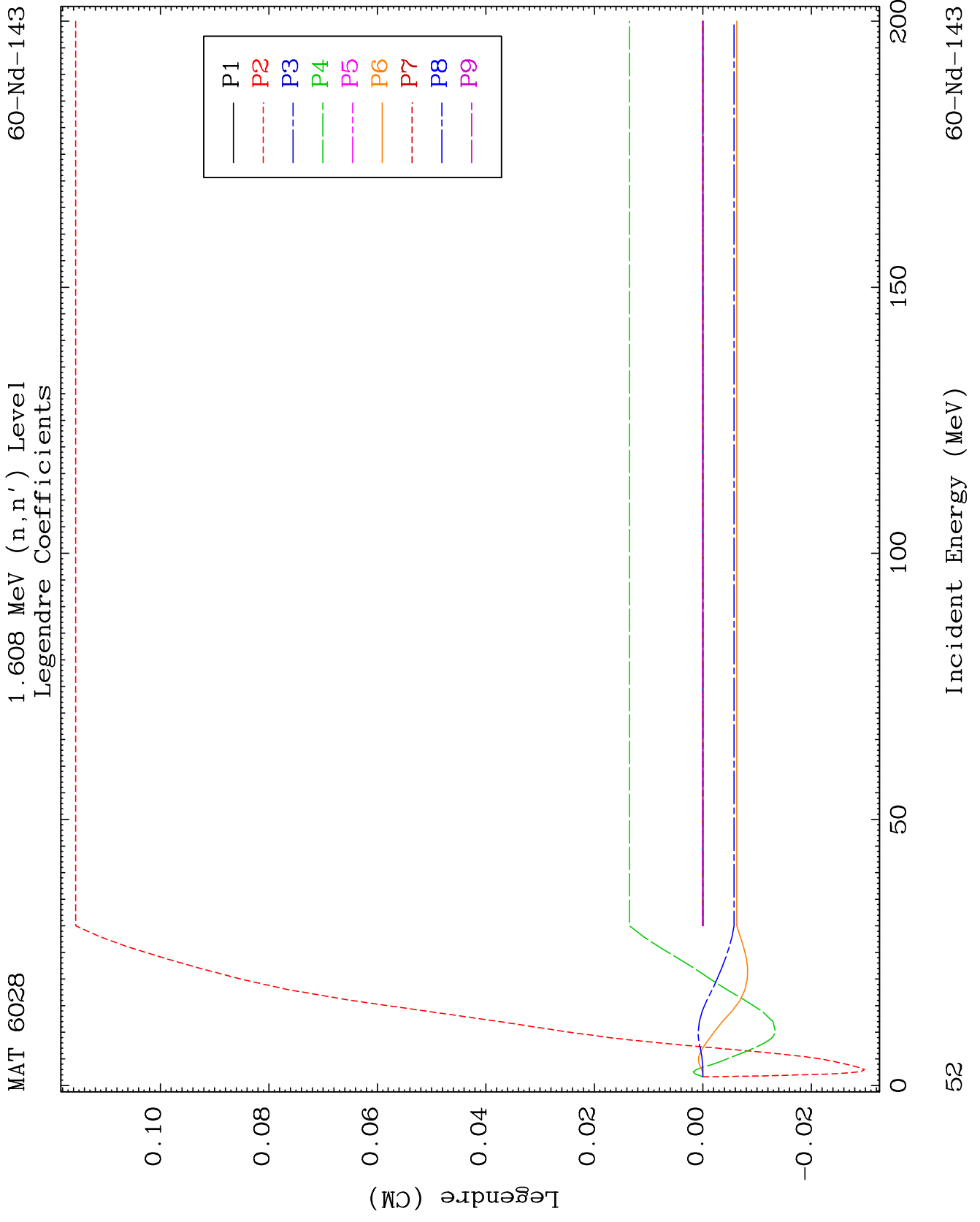








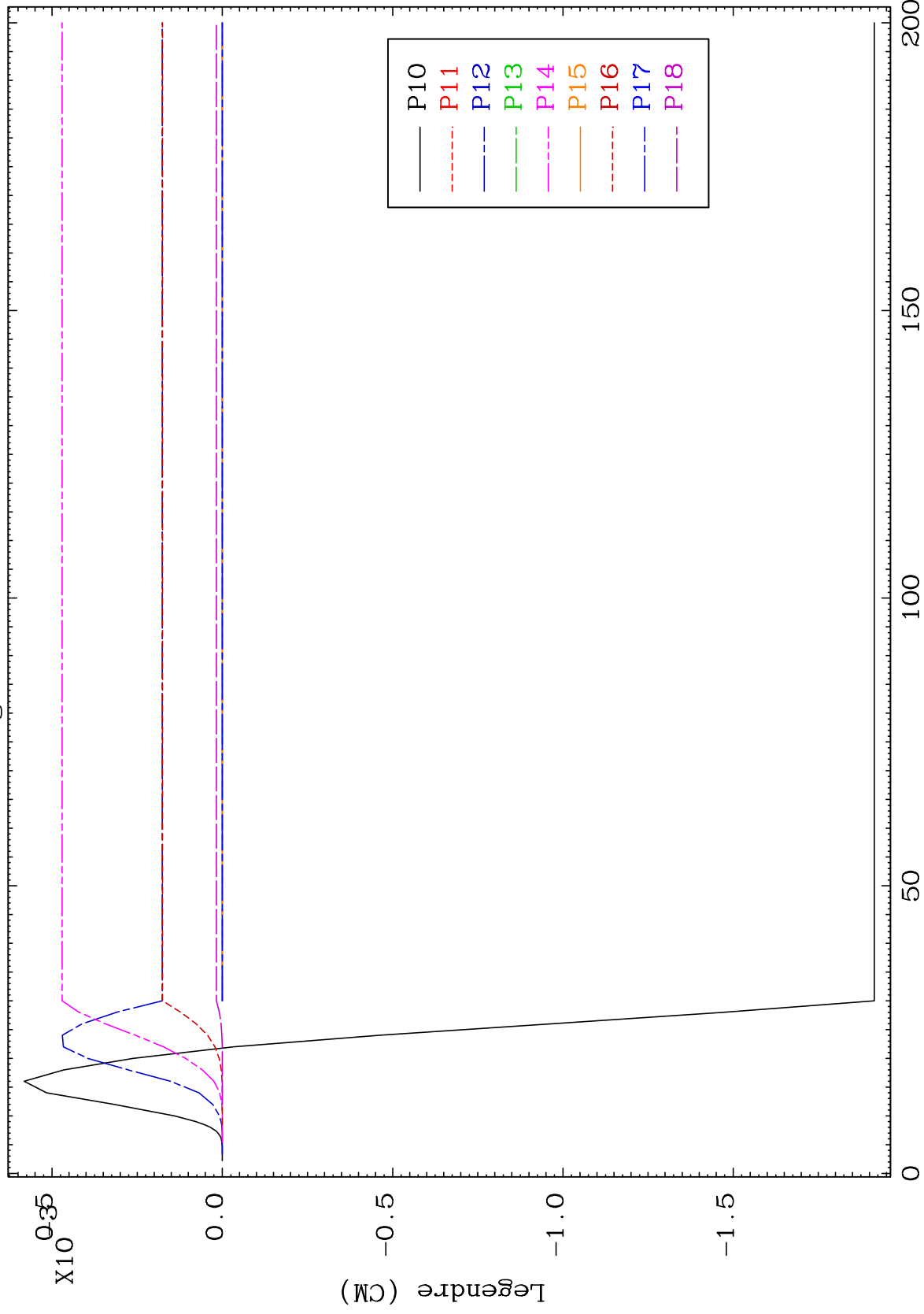




MAT 6028

1.608 MeV (n,n') Level
Legendre Coefficients

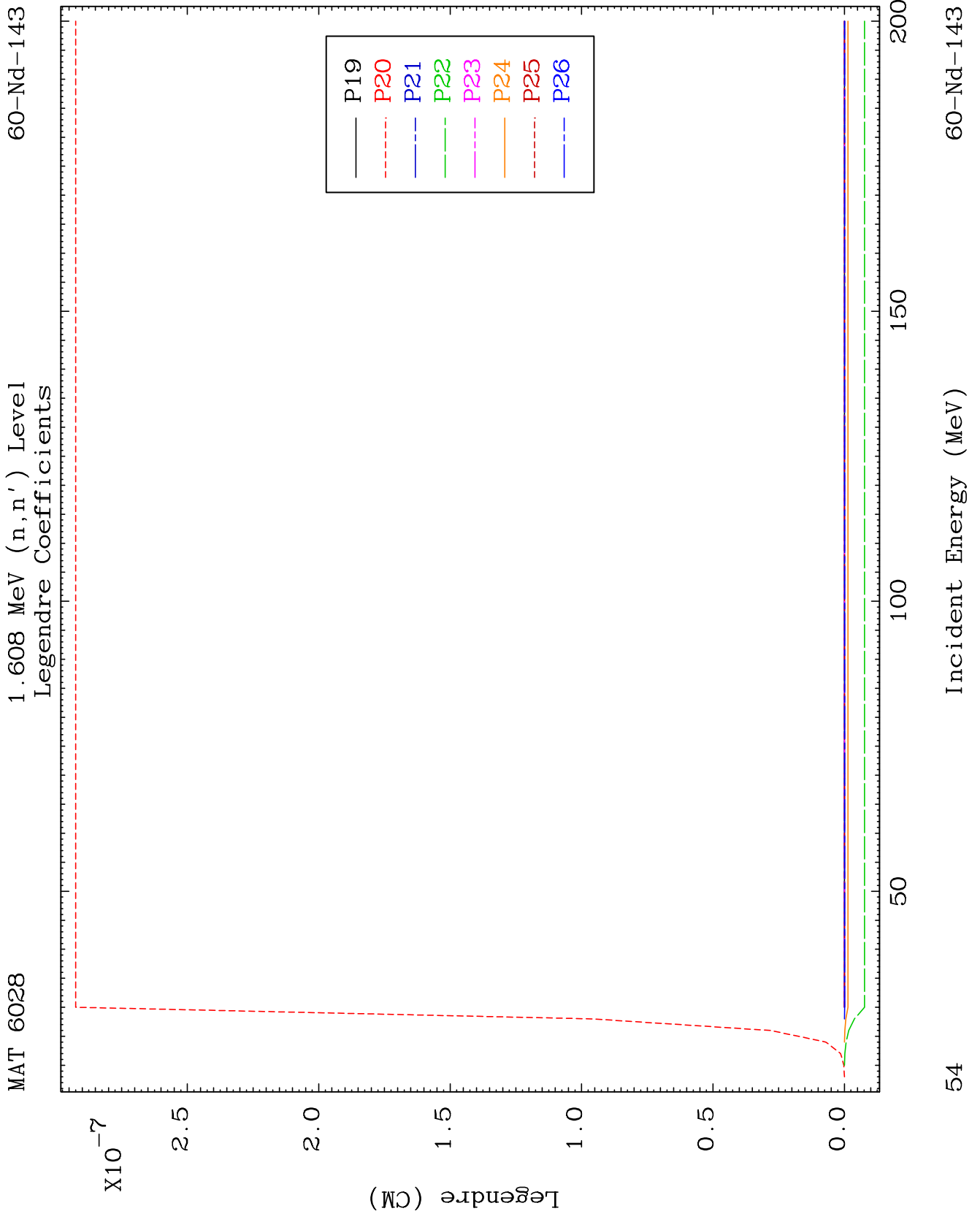
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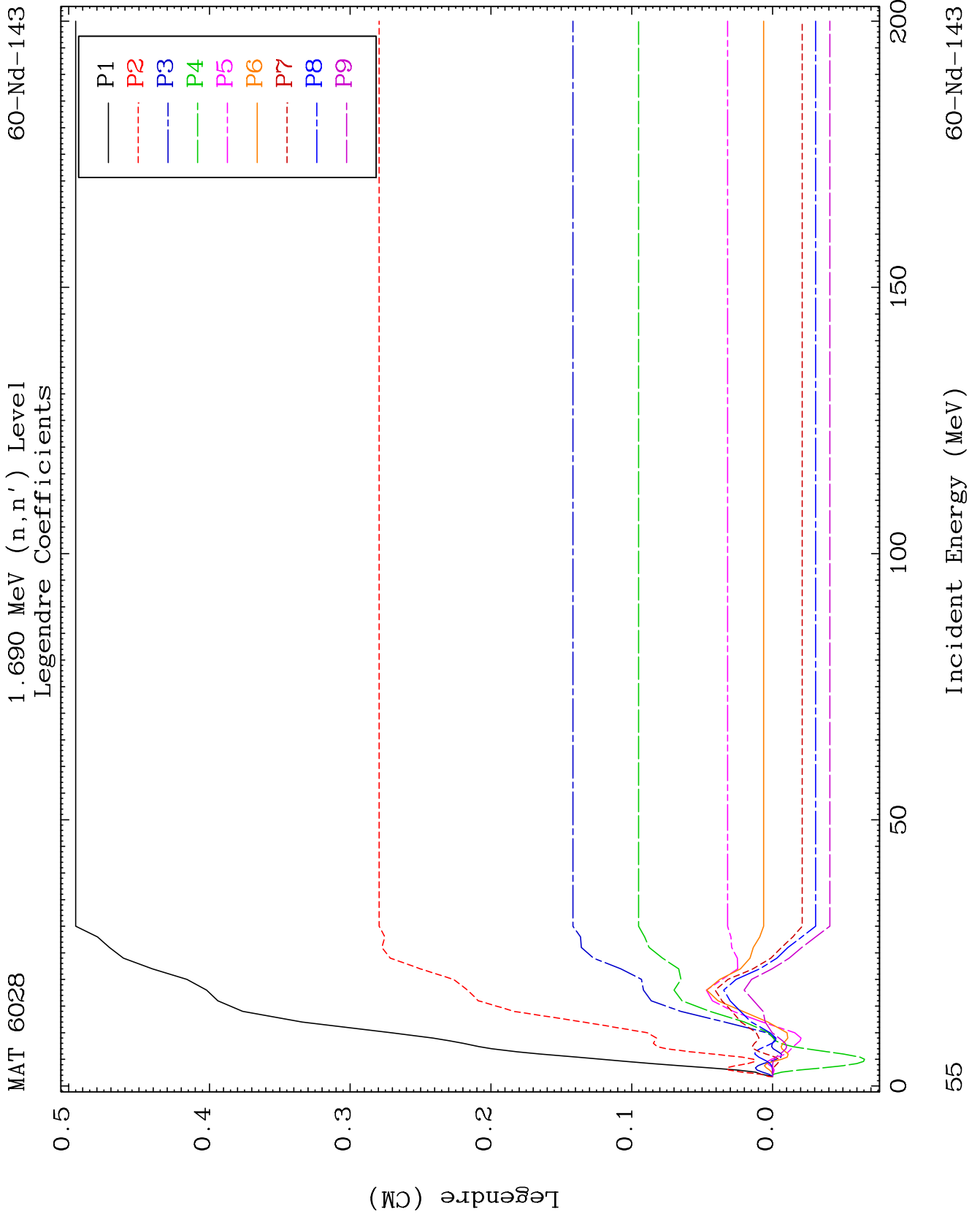


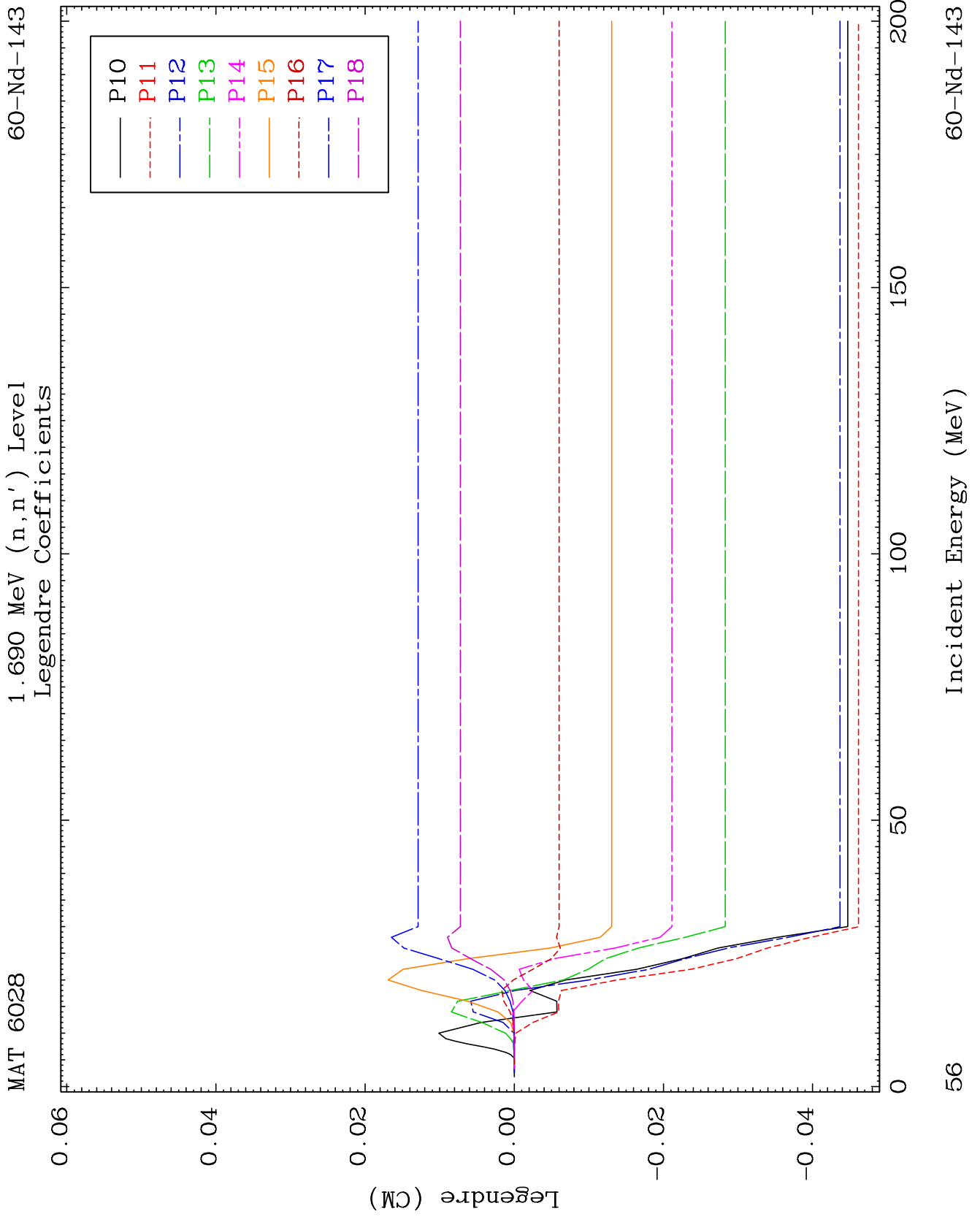
53

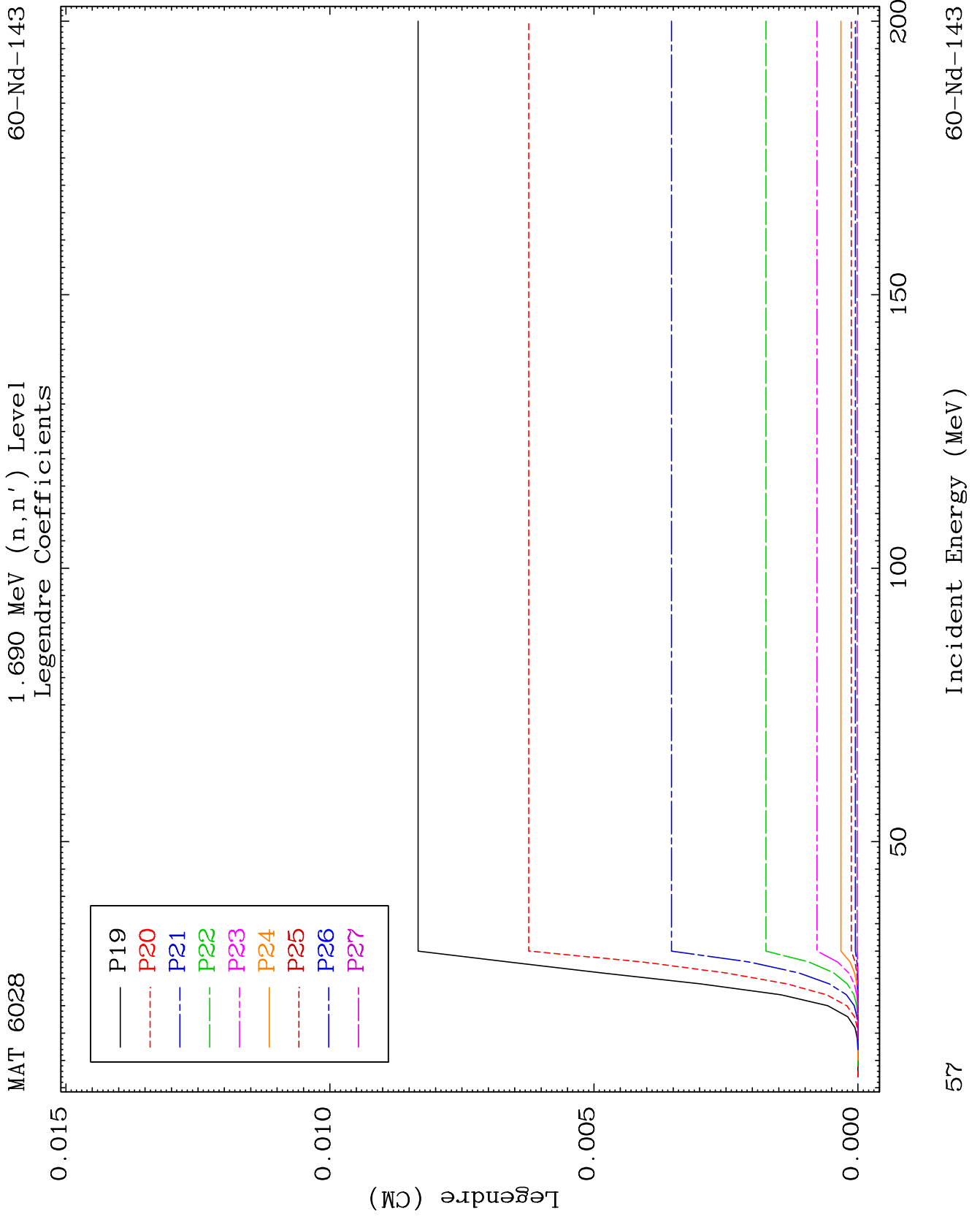
Incident Energy (MeV)

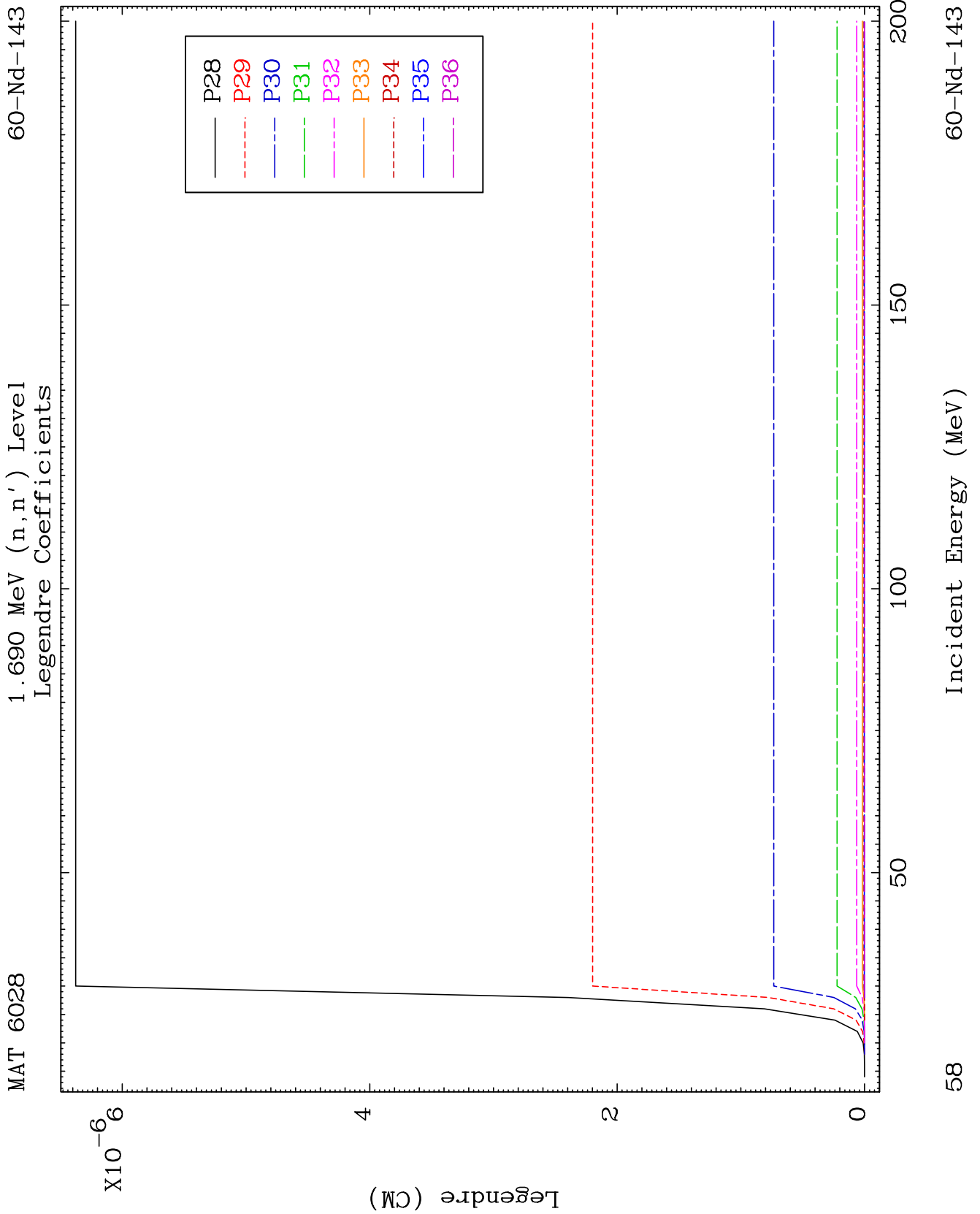
60-Nd-143

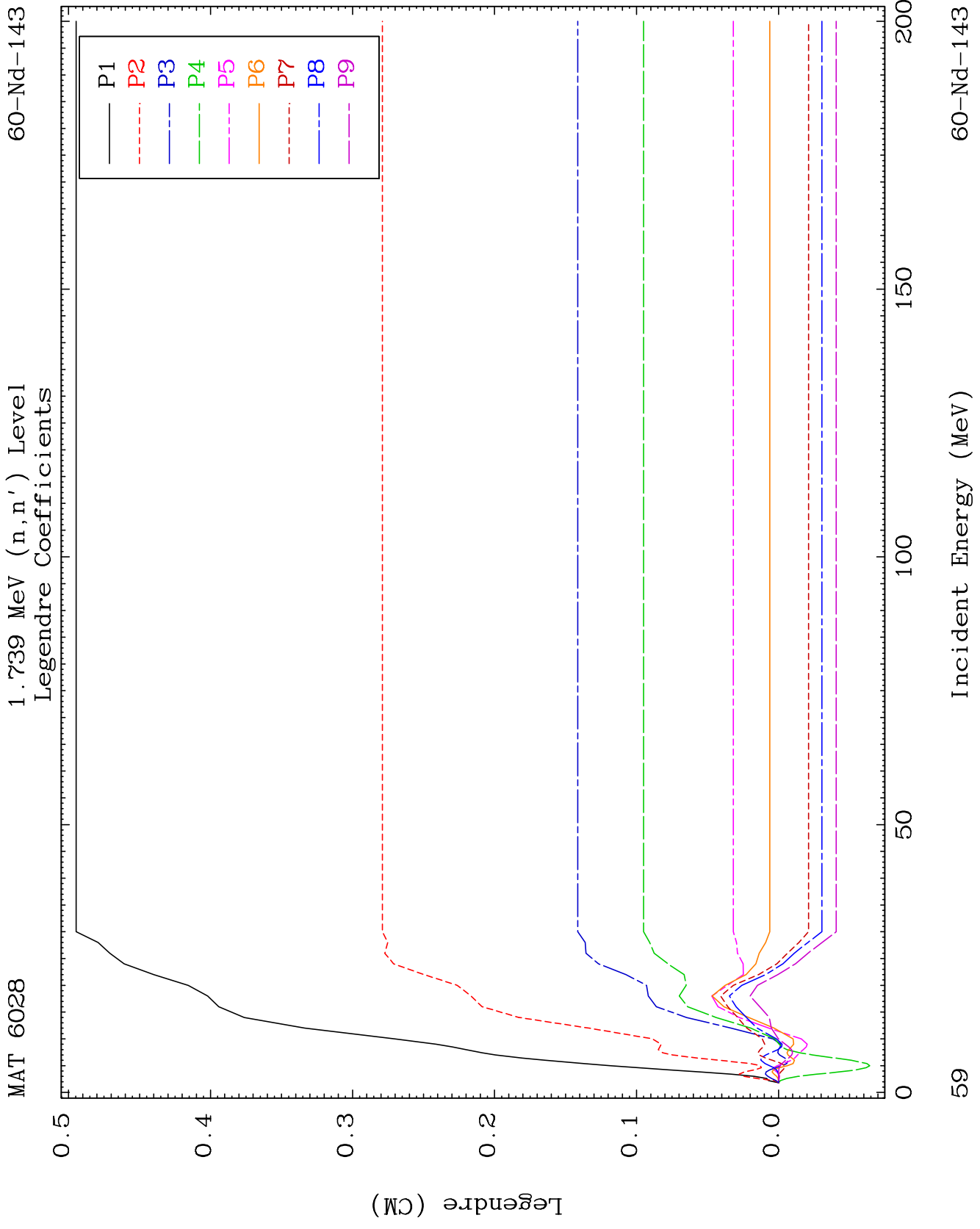


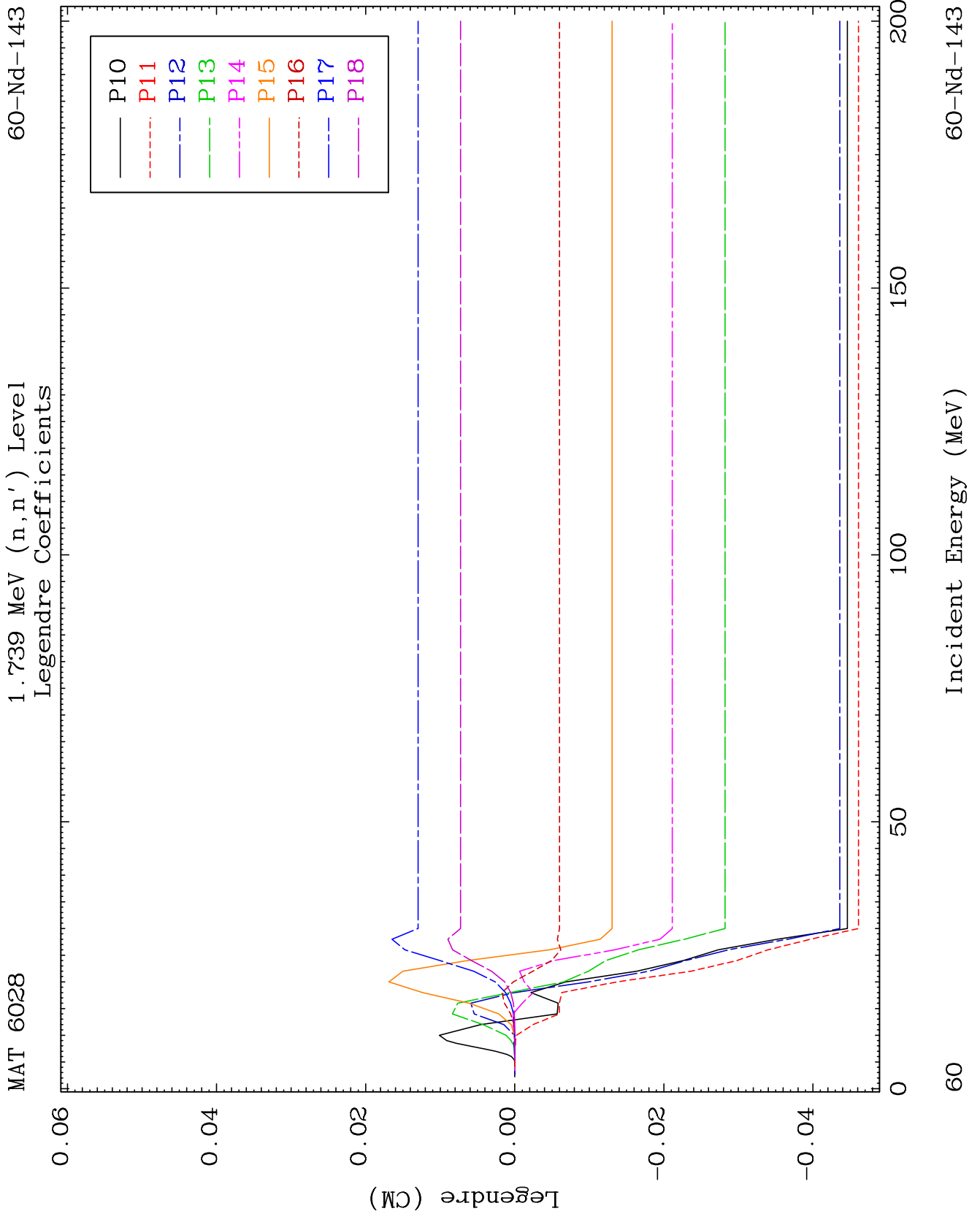


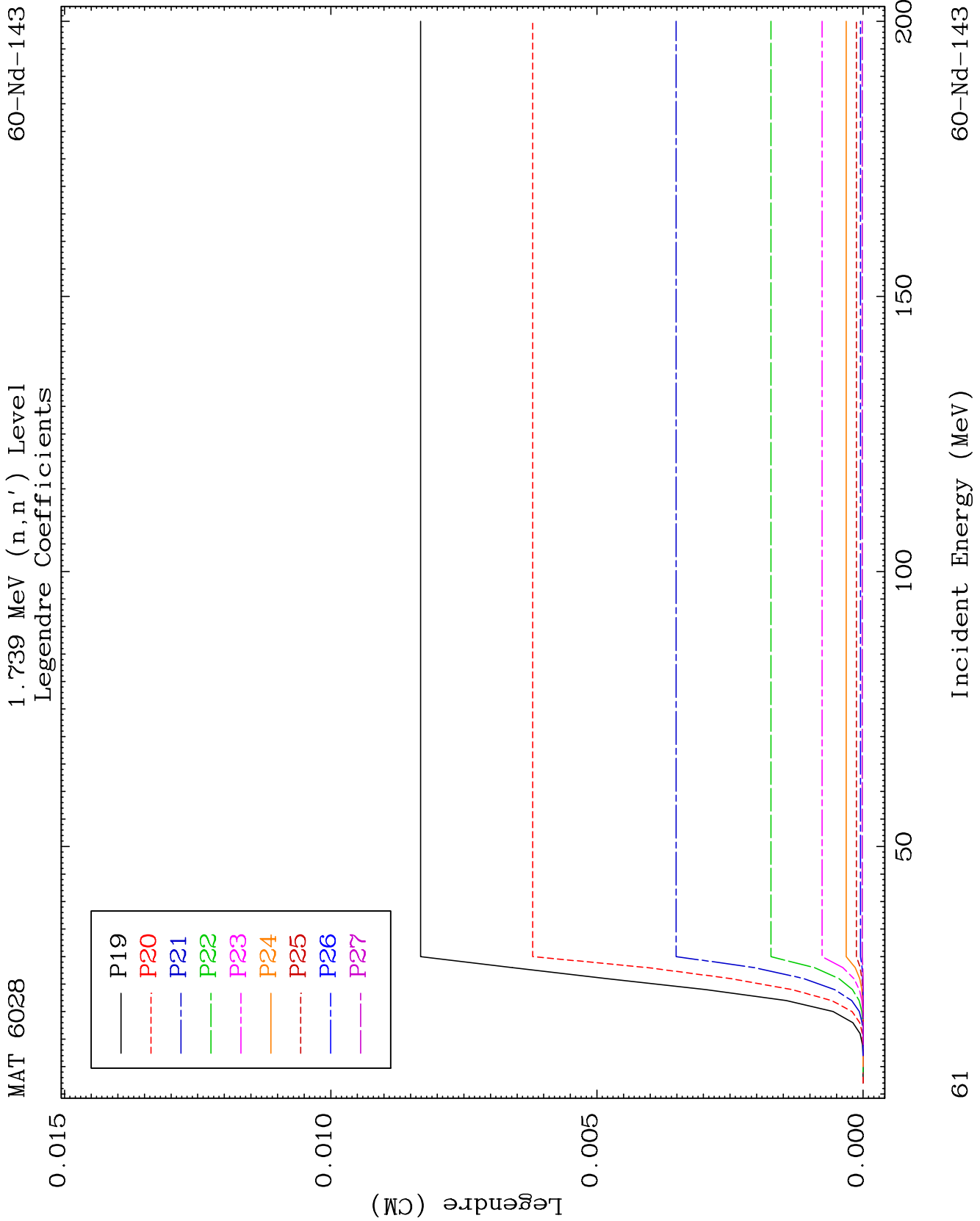


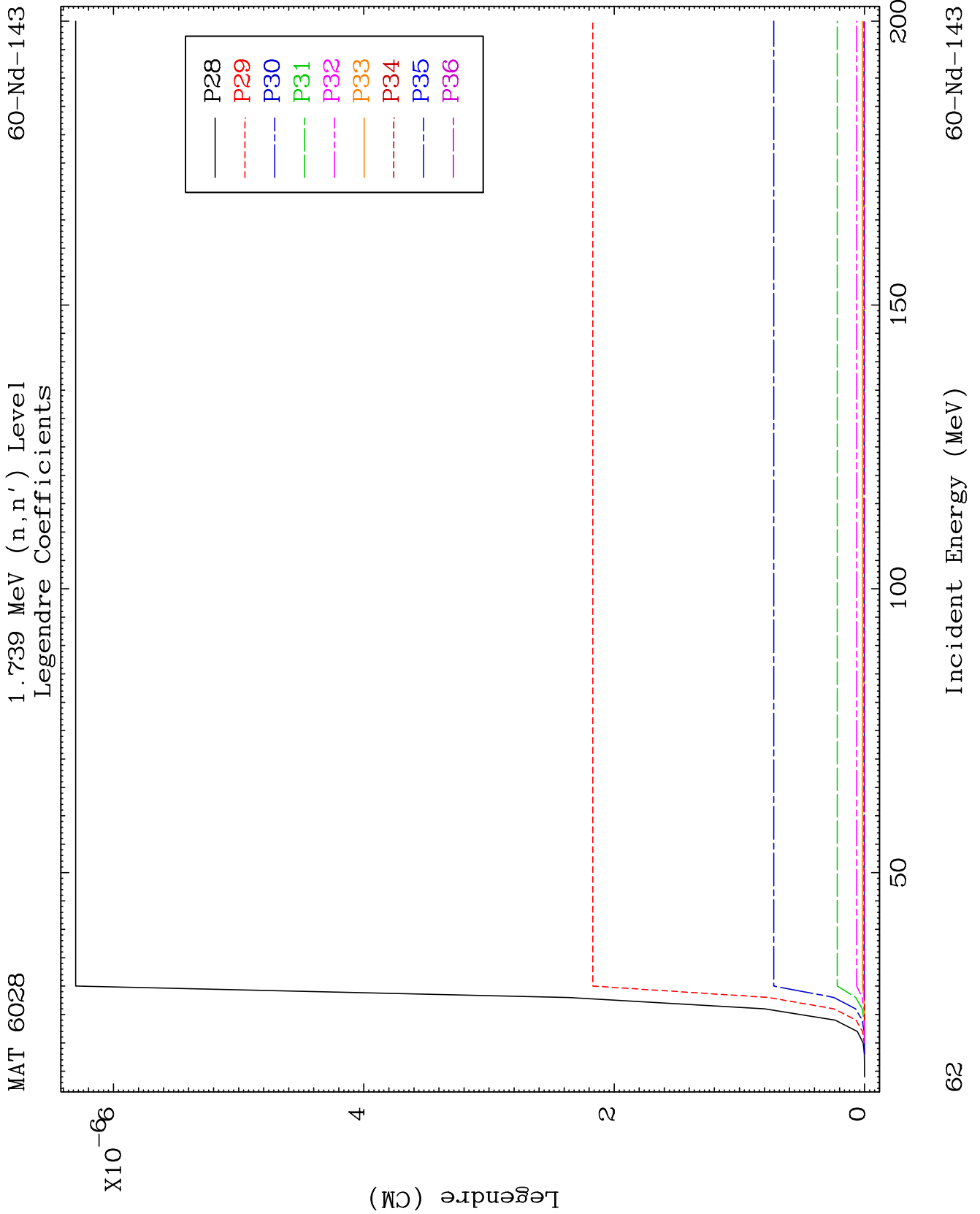








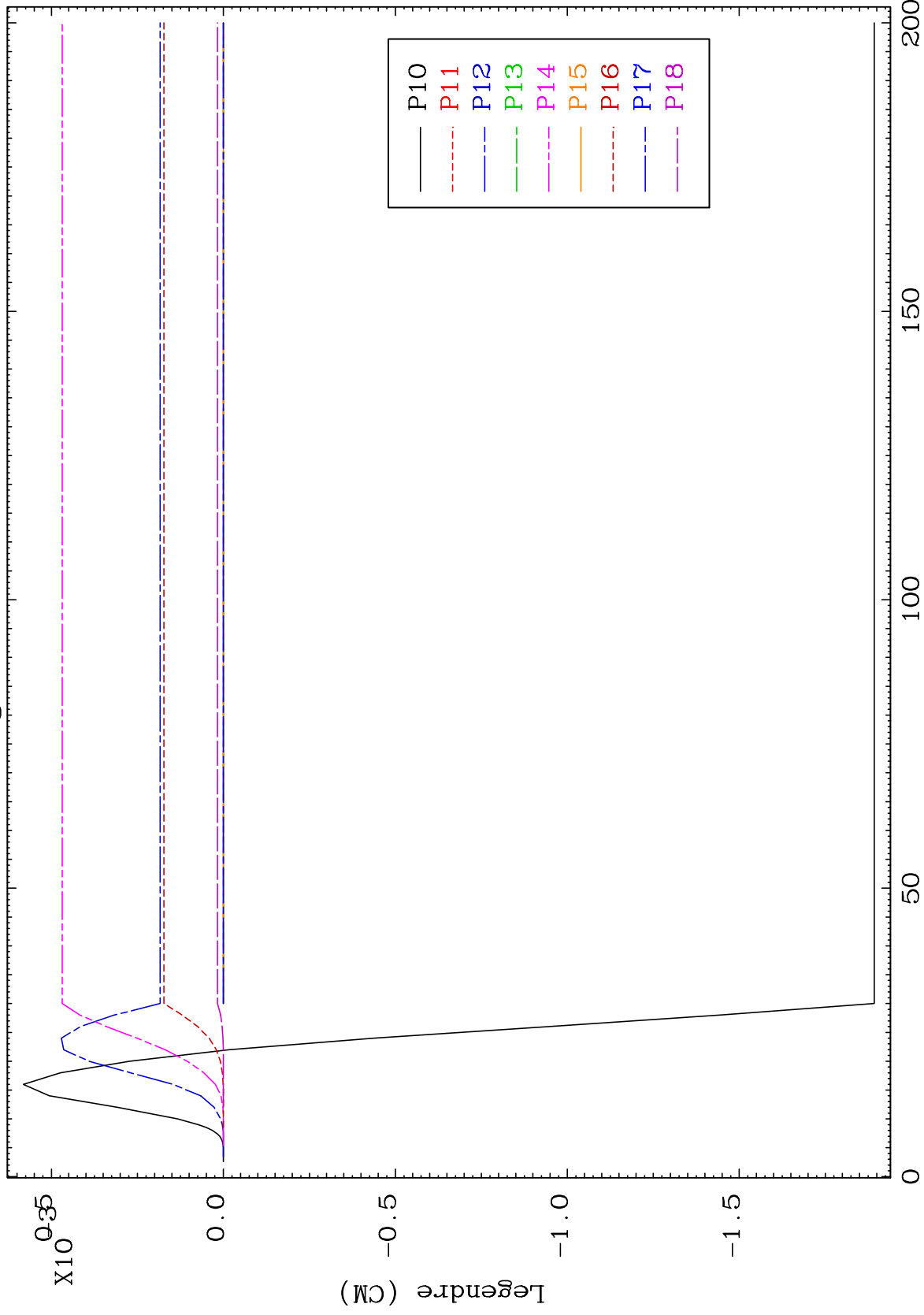




MAT 6028

1.775 MeV (n,n') Level
Legendre Coefficients

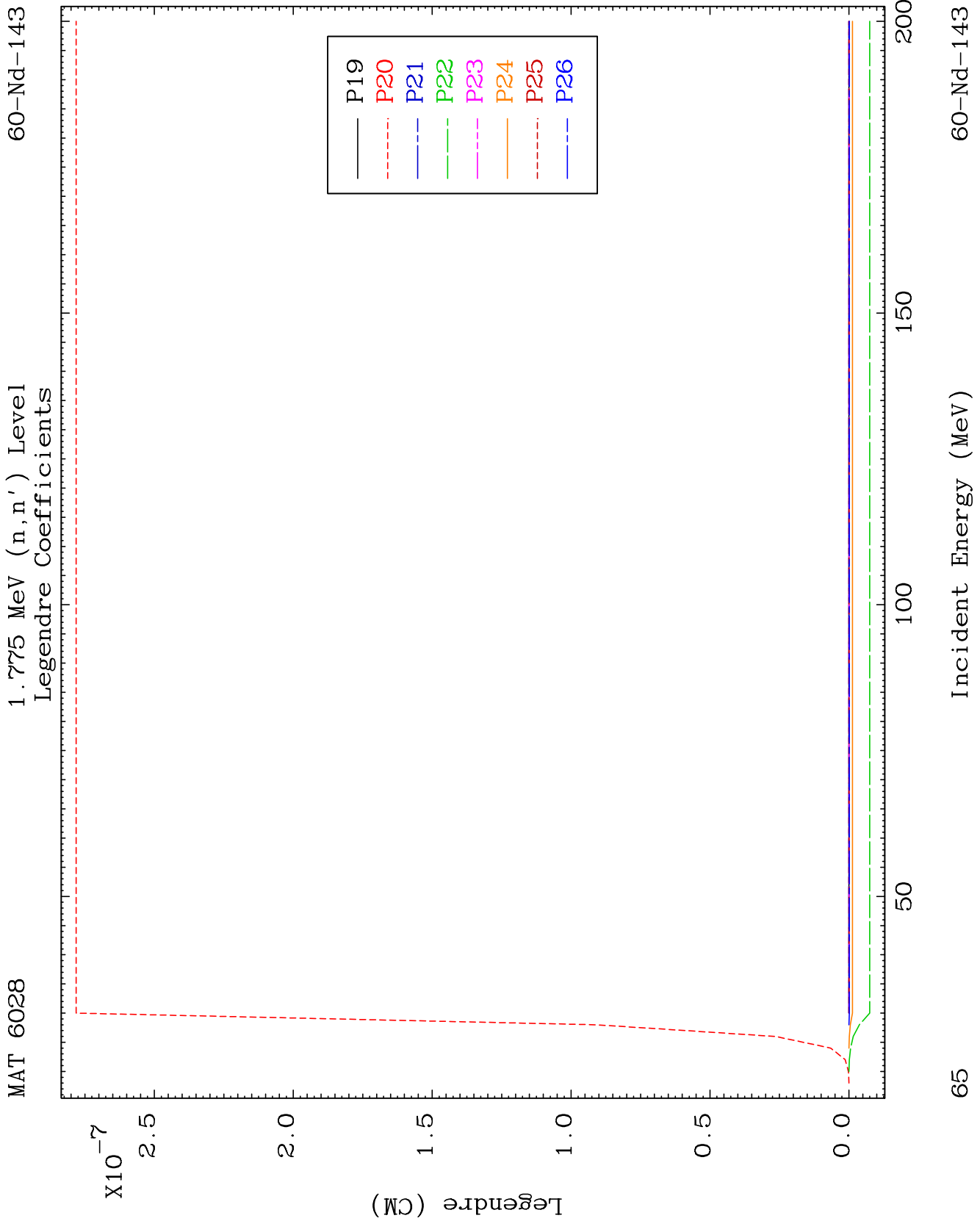
60-Nd-143

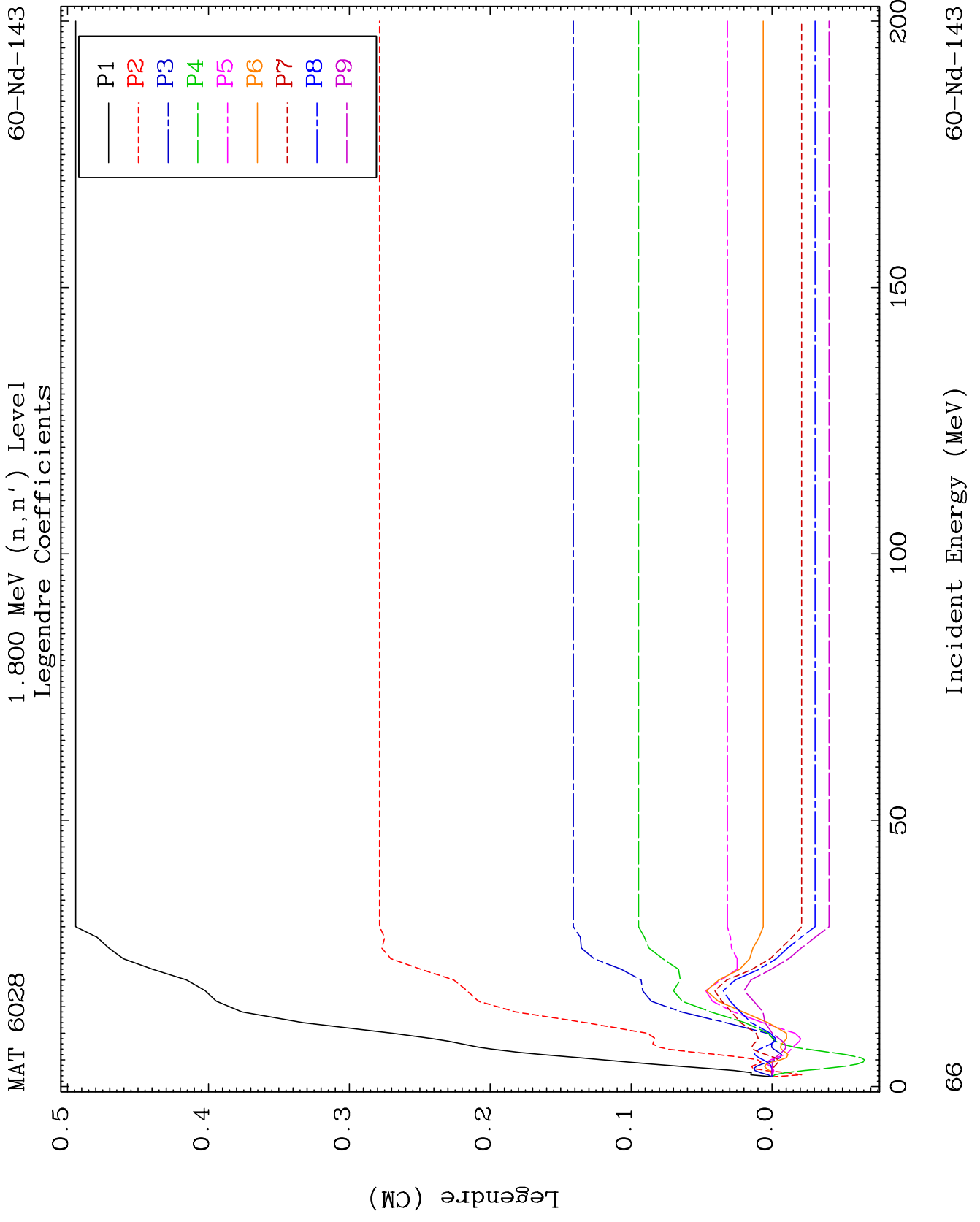


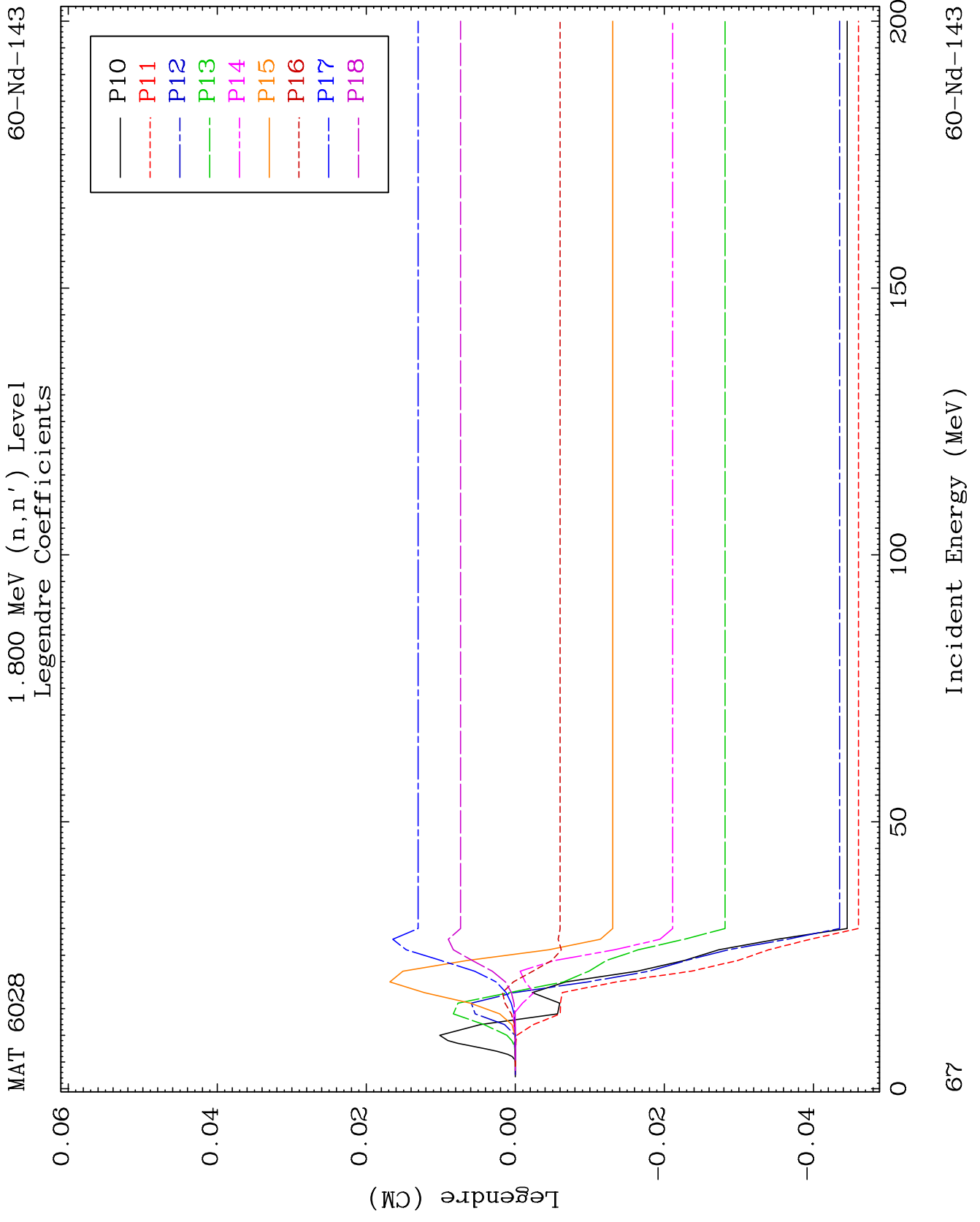
64

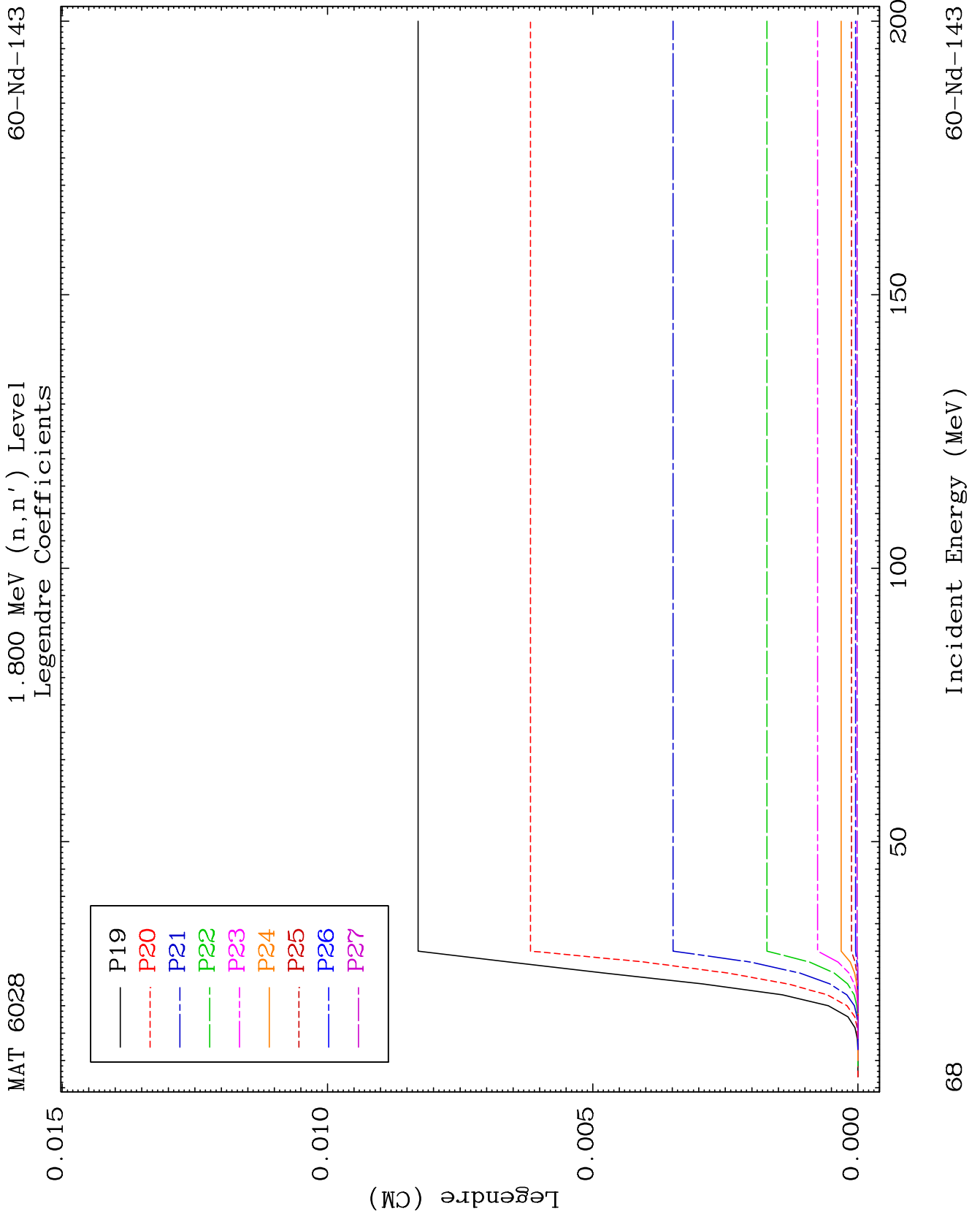
Incident Energy (MeV)

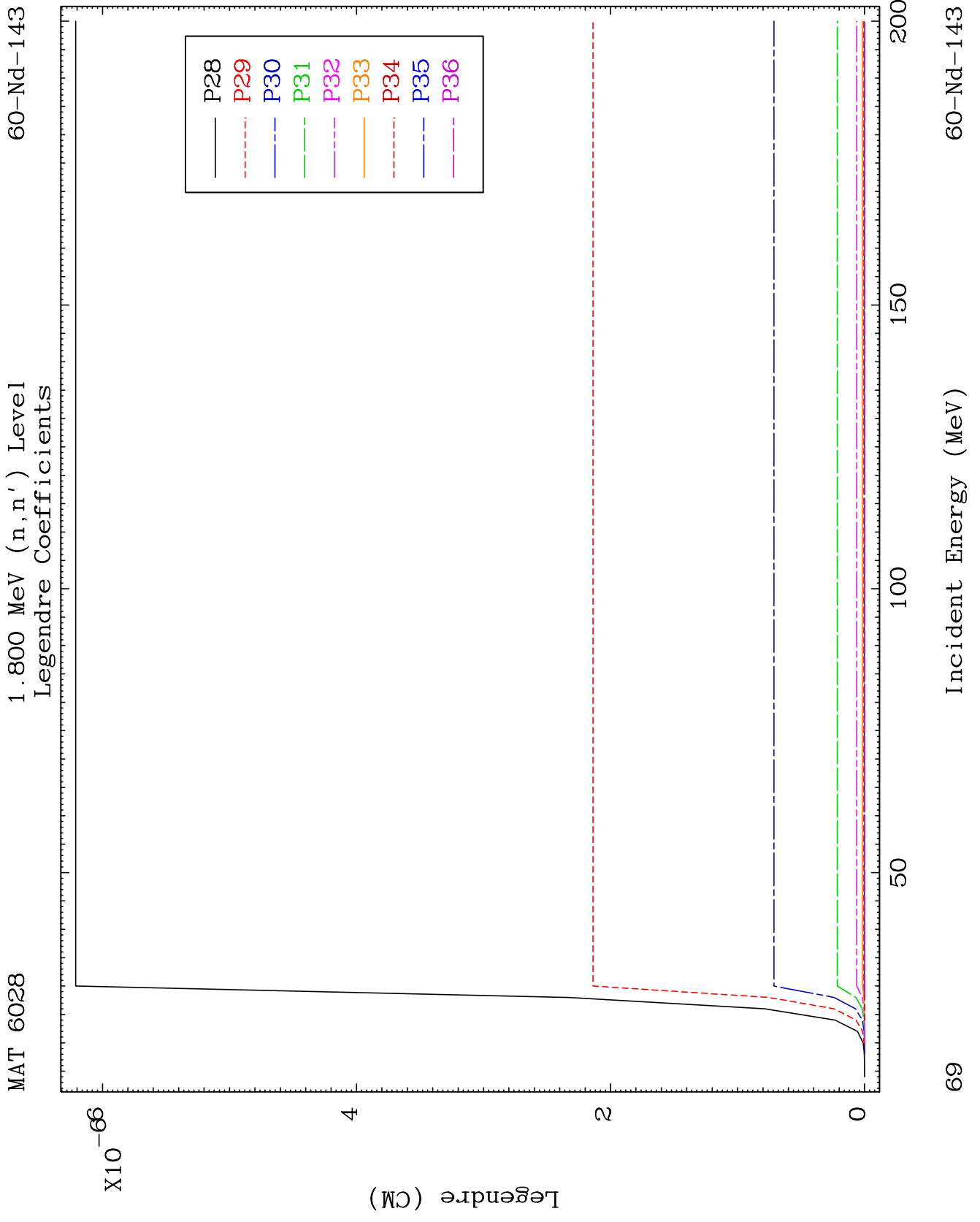
60-Nd-143

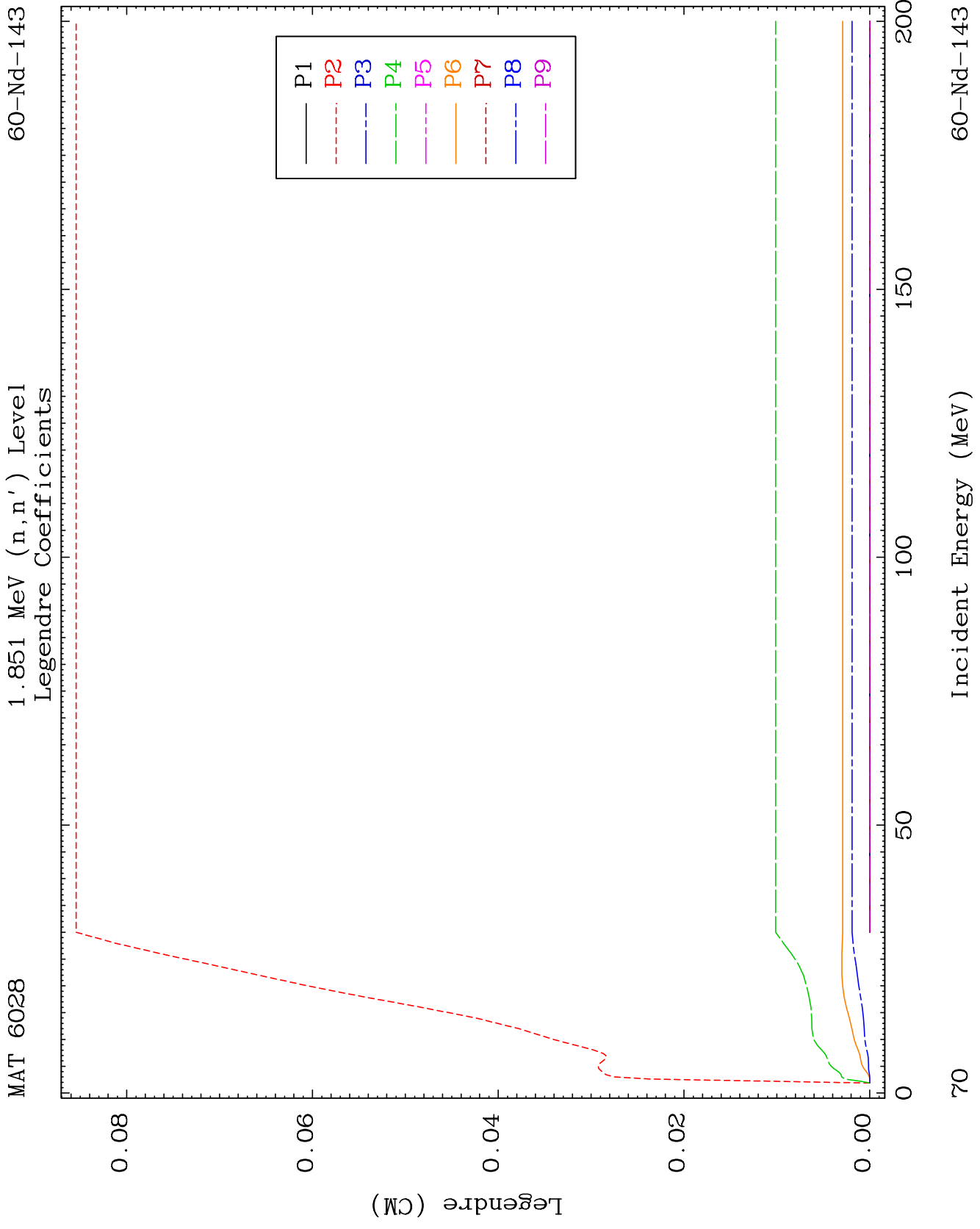


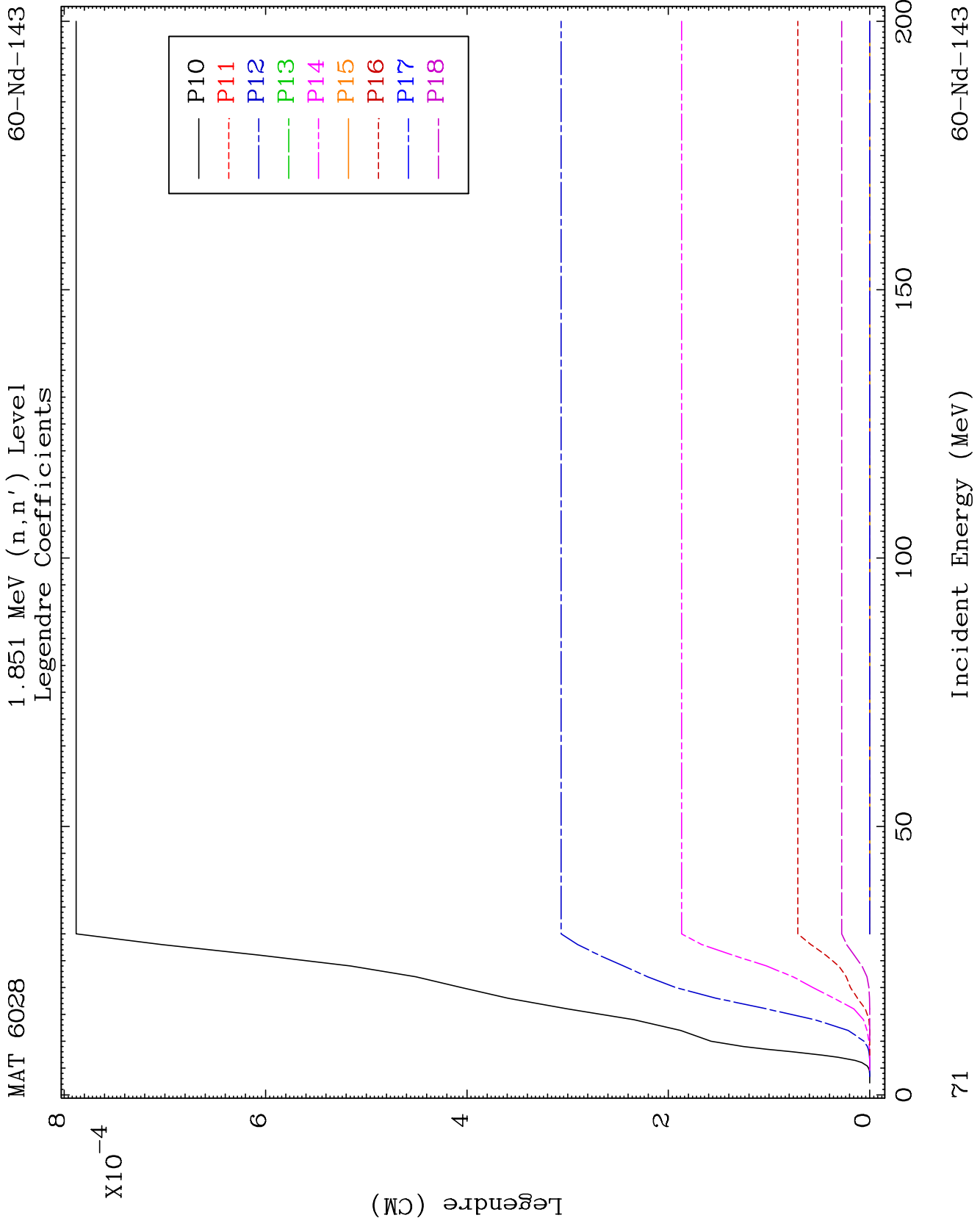


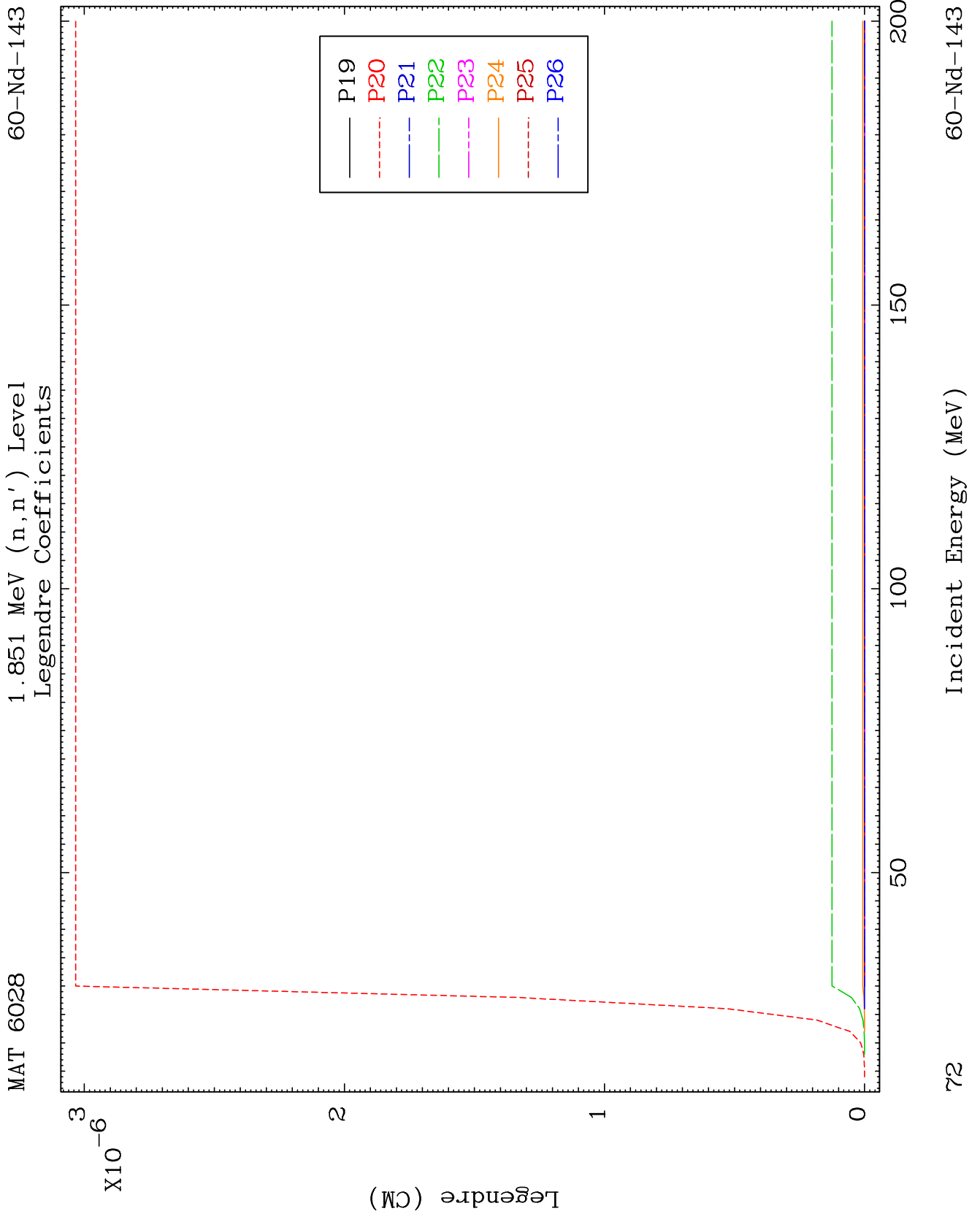


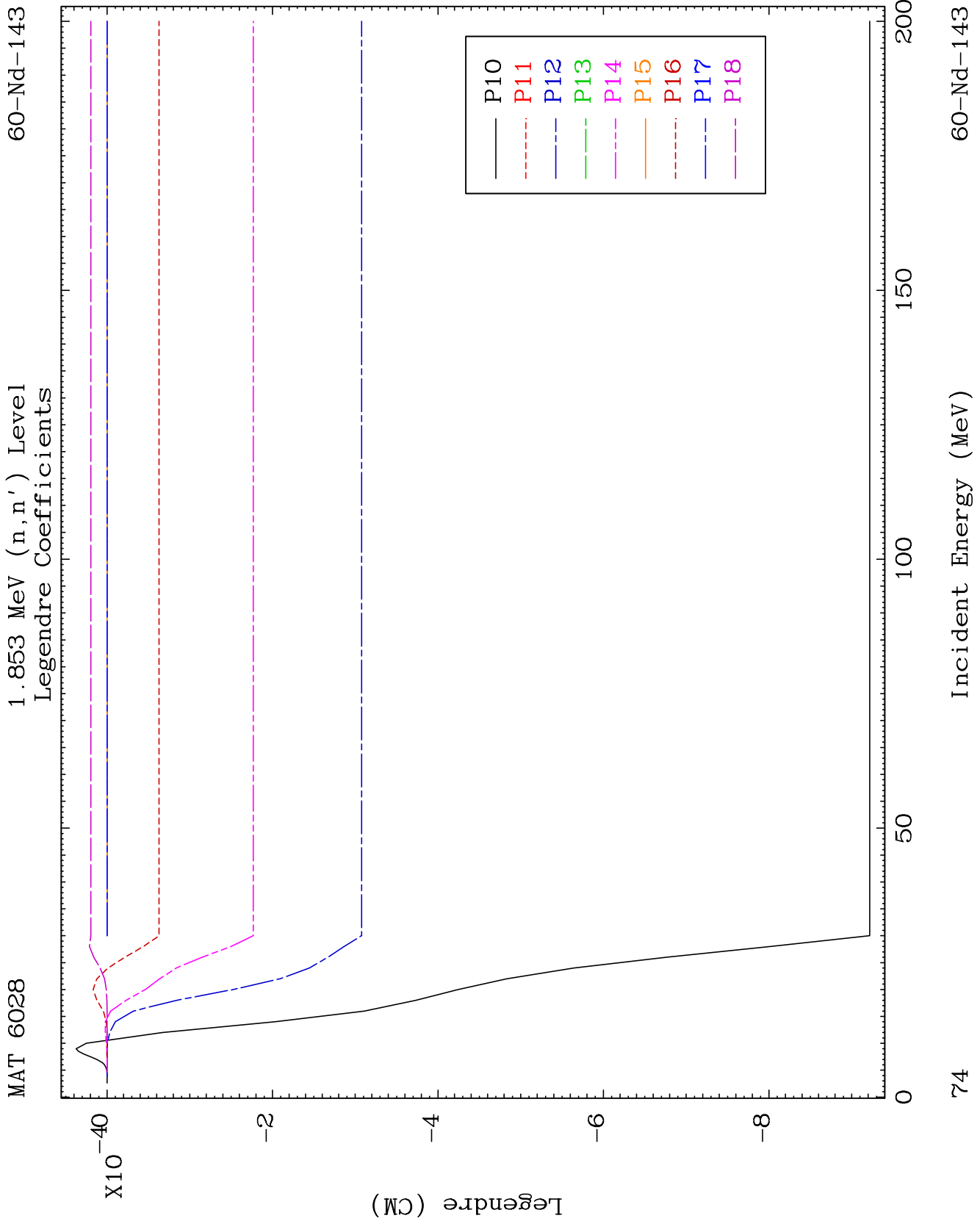


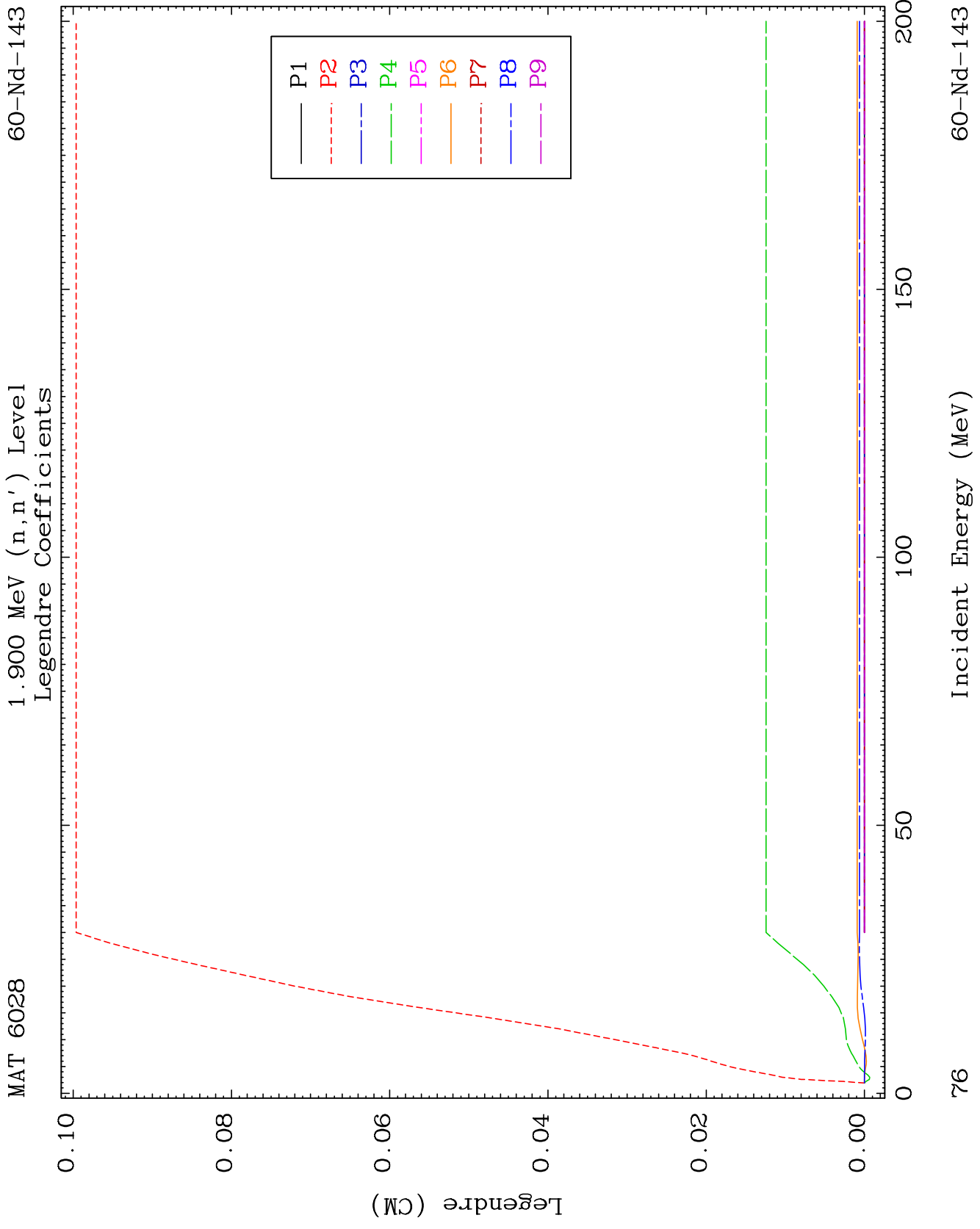








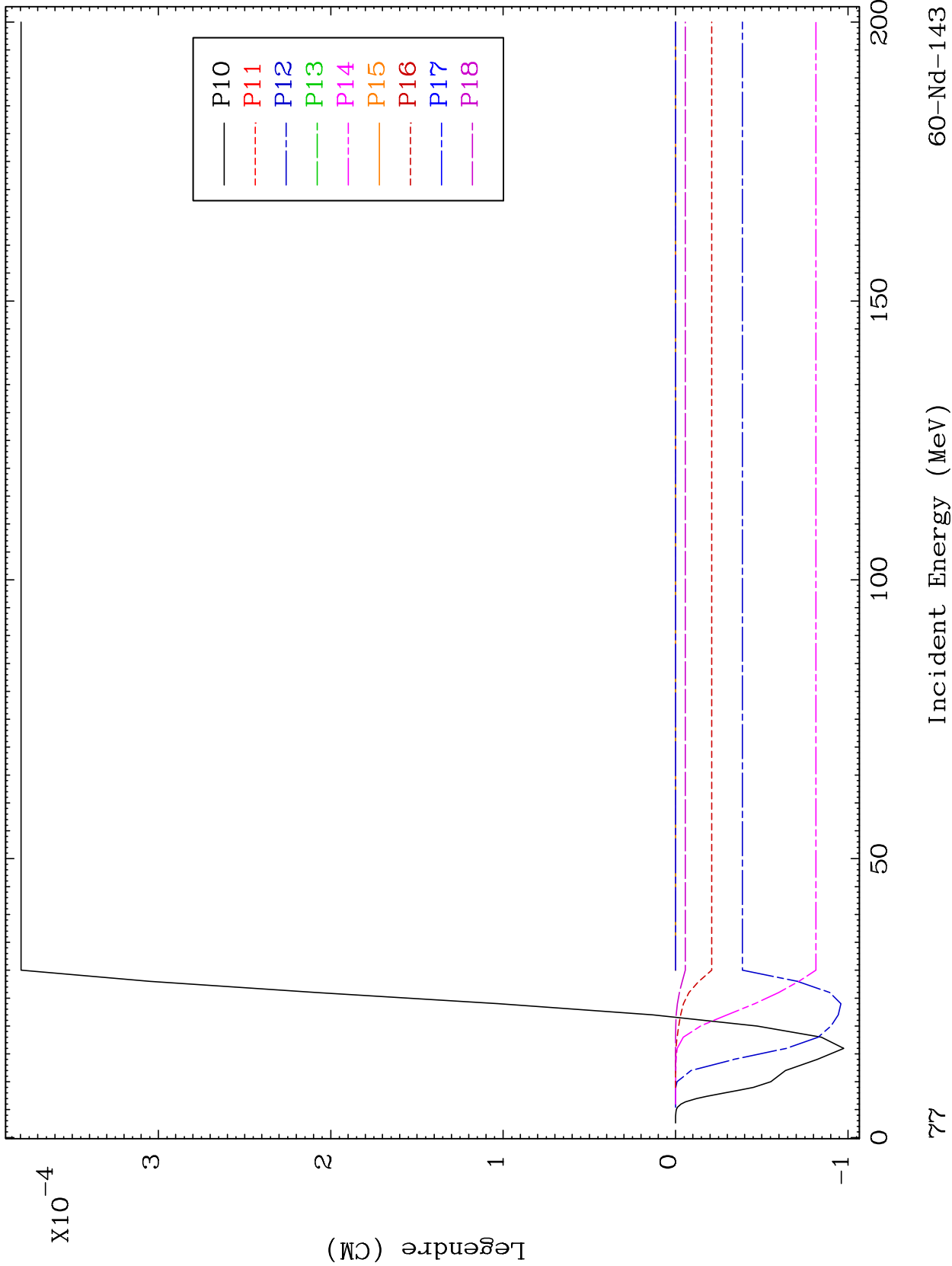




MAT 6028

1.900 MeV (n,n') Level
Legendre Coefficients

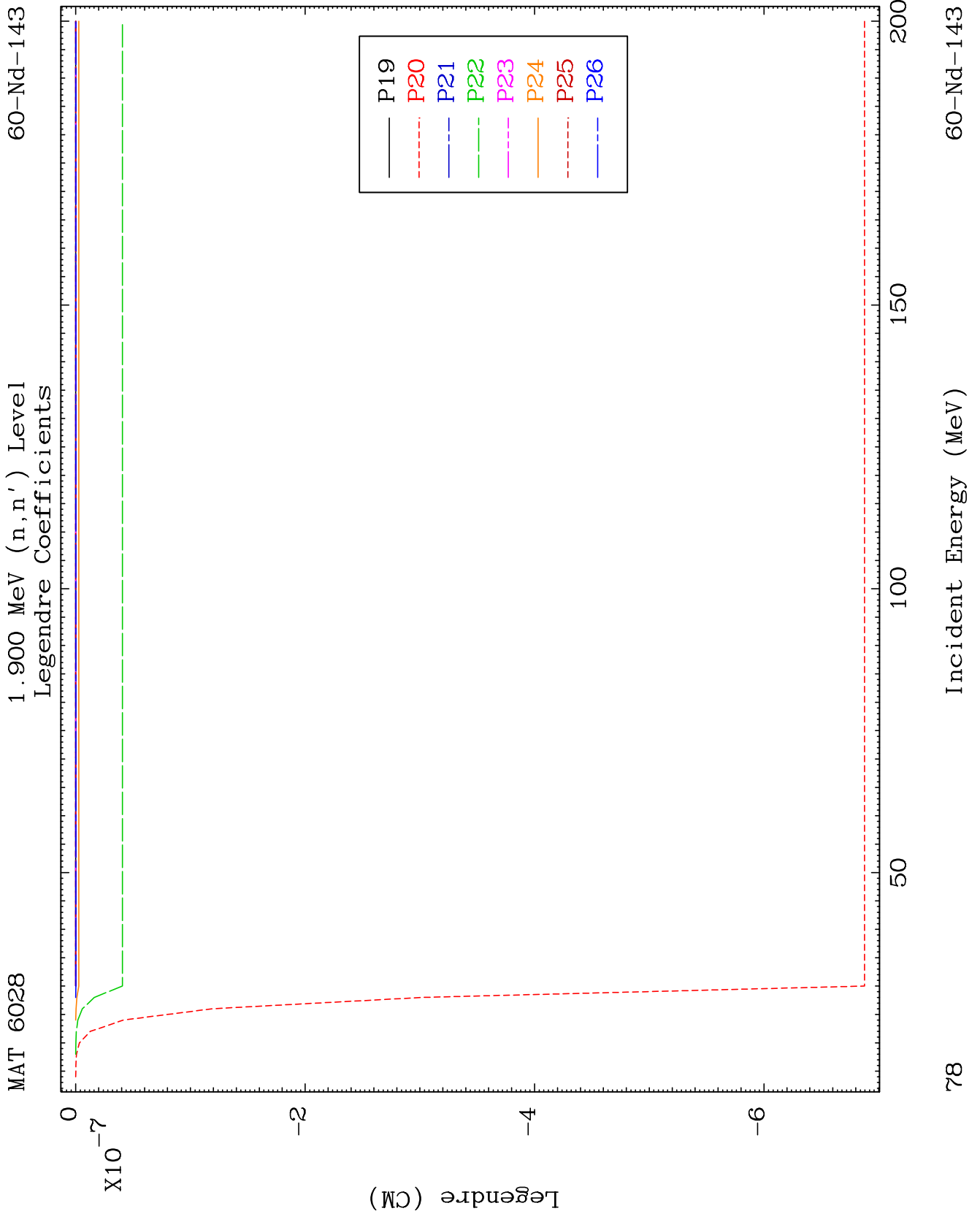
60-Nd-143

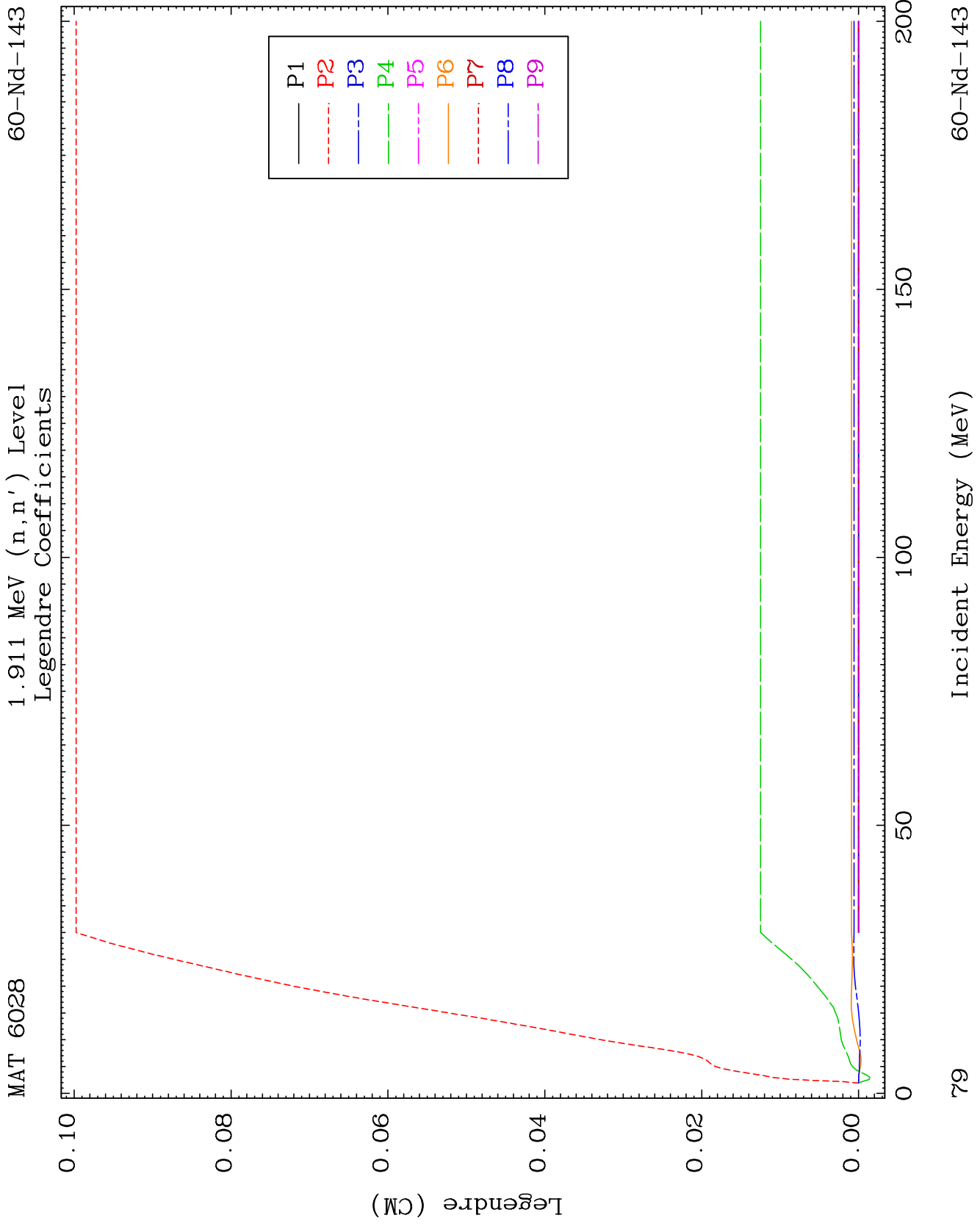


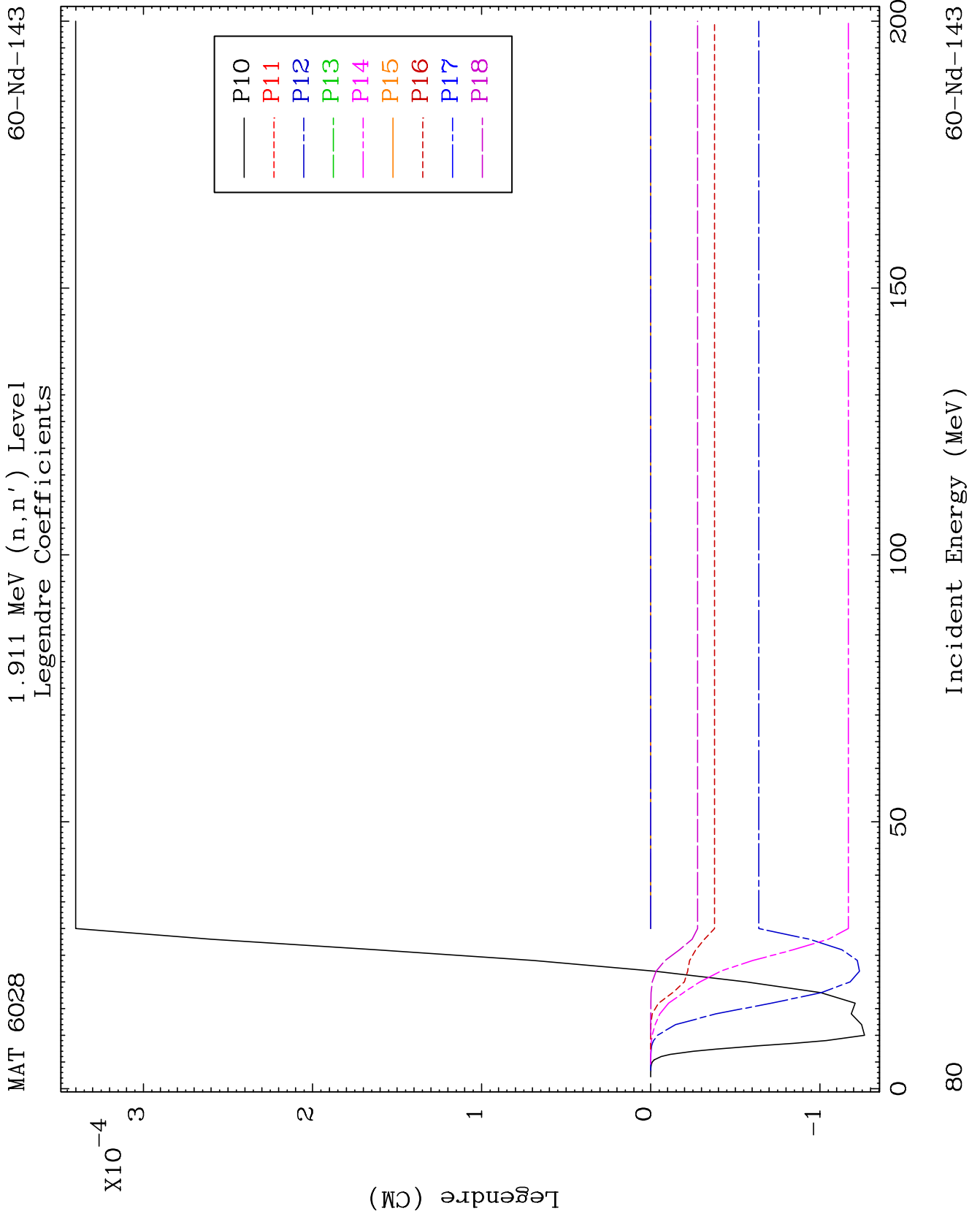
77

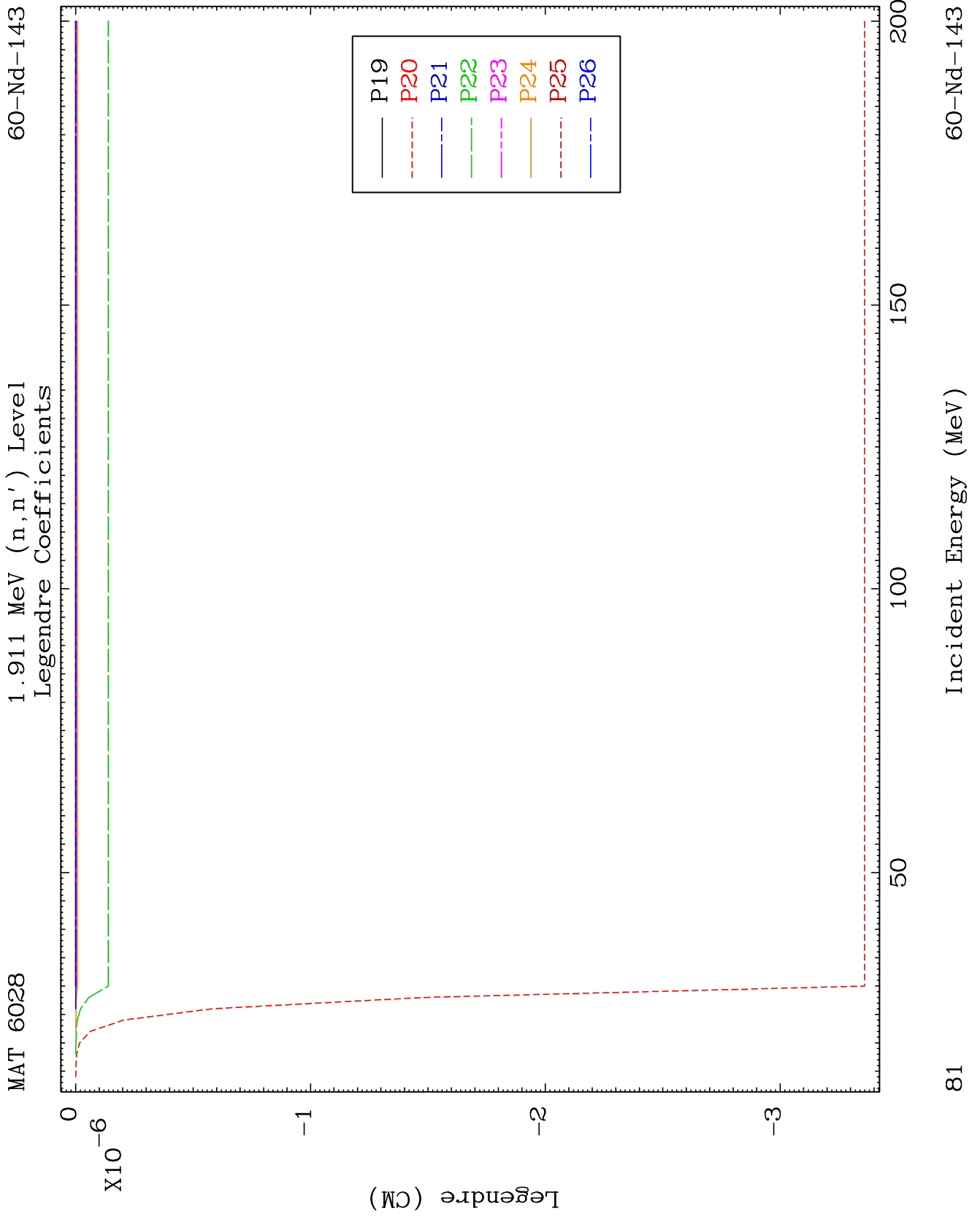
Incident Energy (MeV)

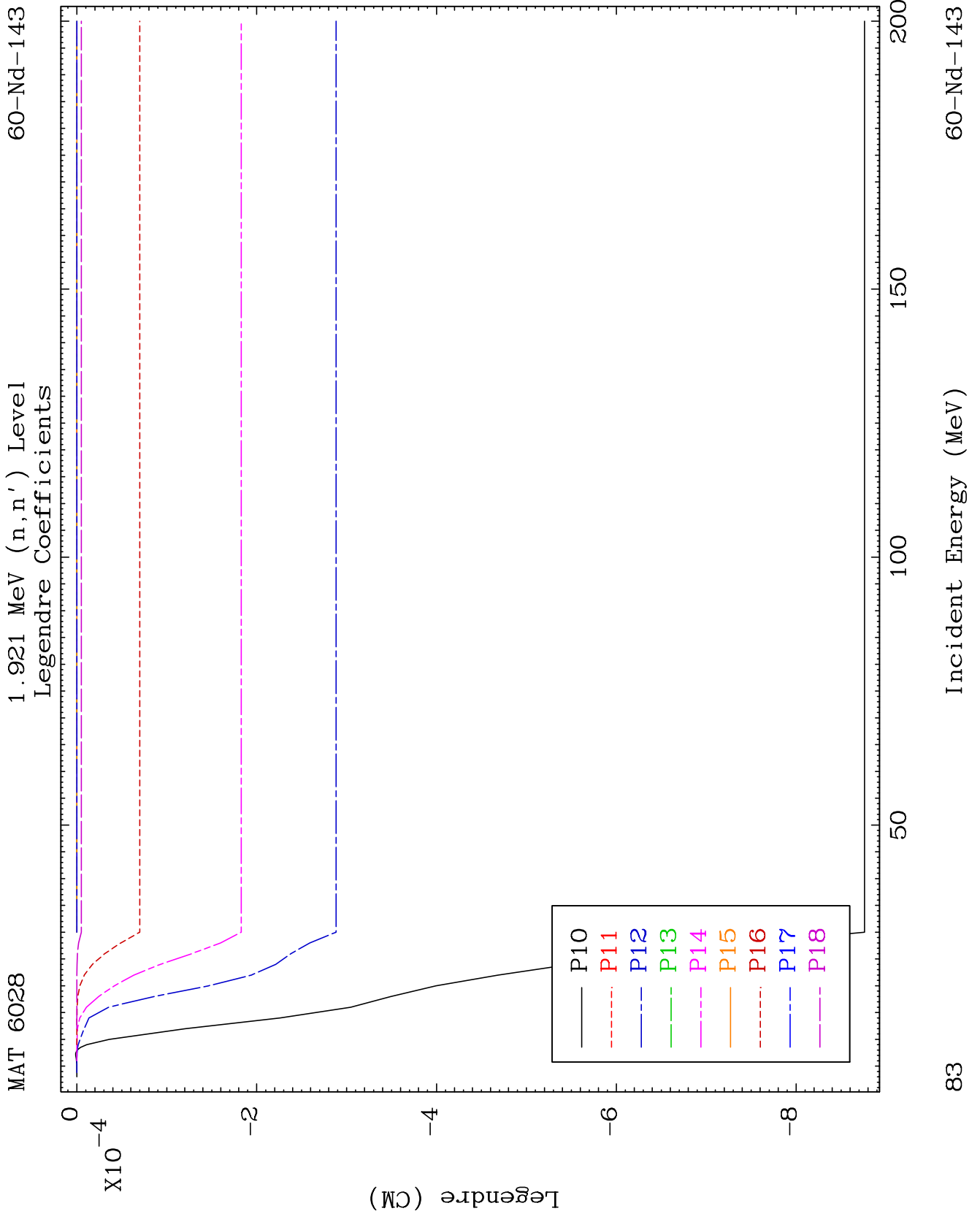
60-Nd-143

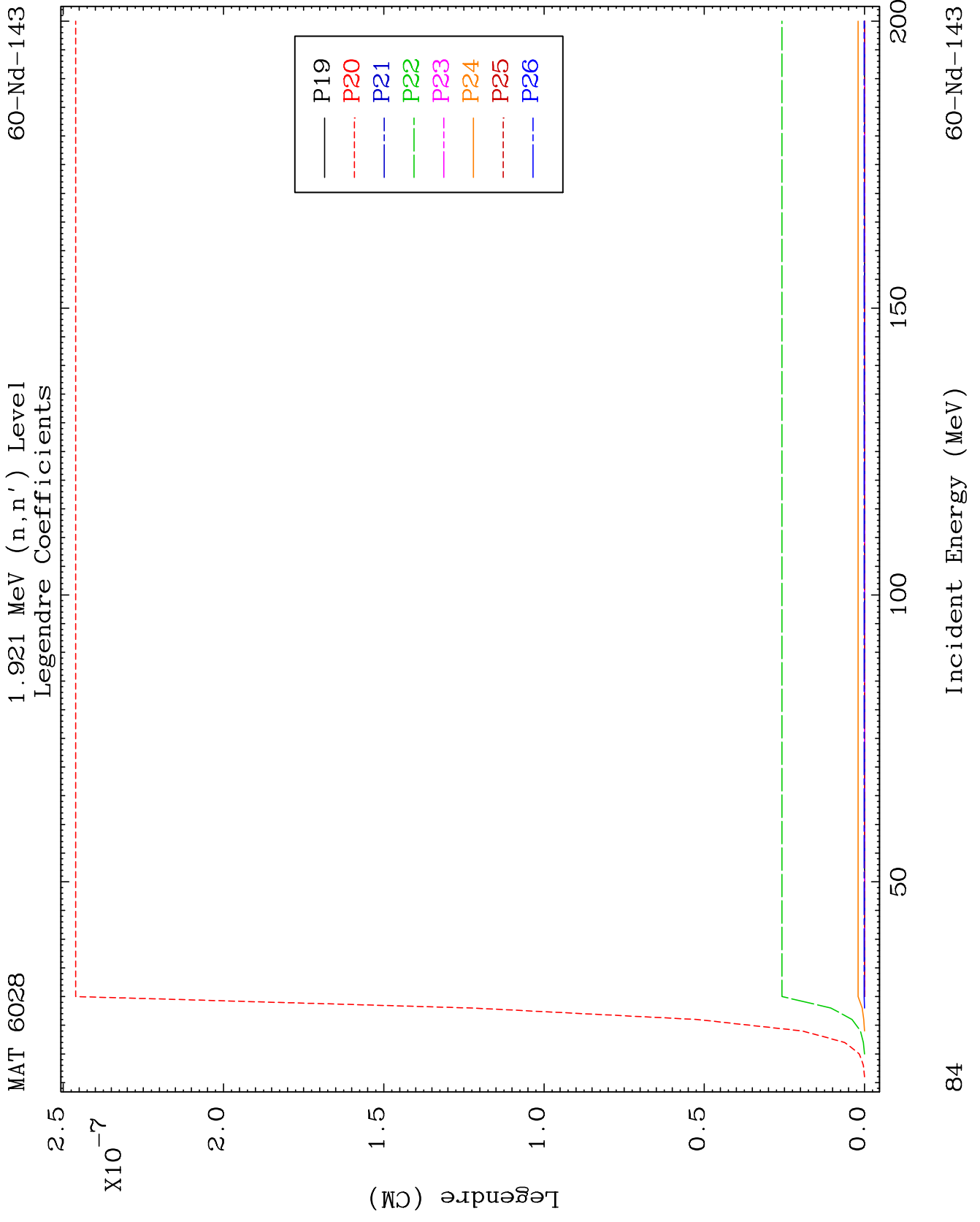


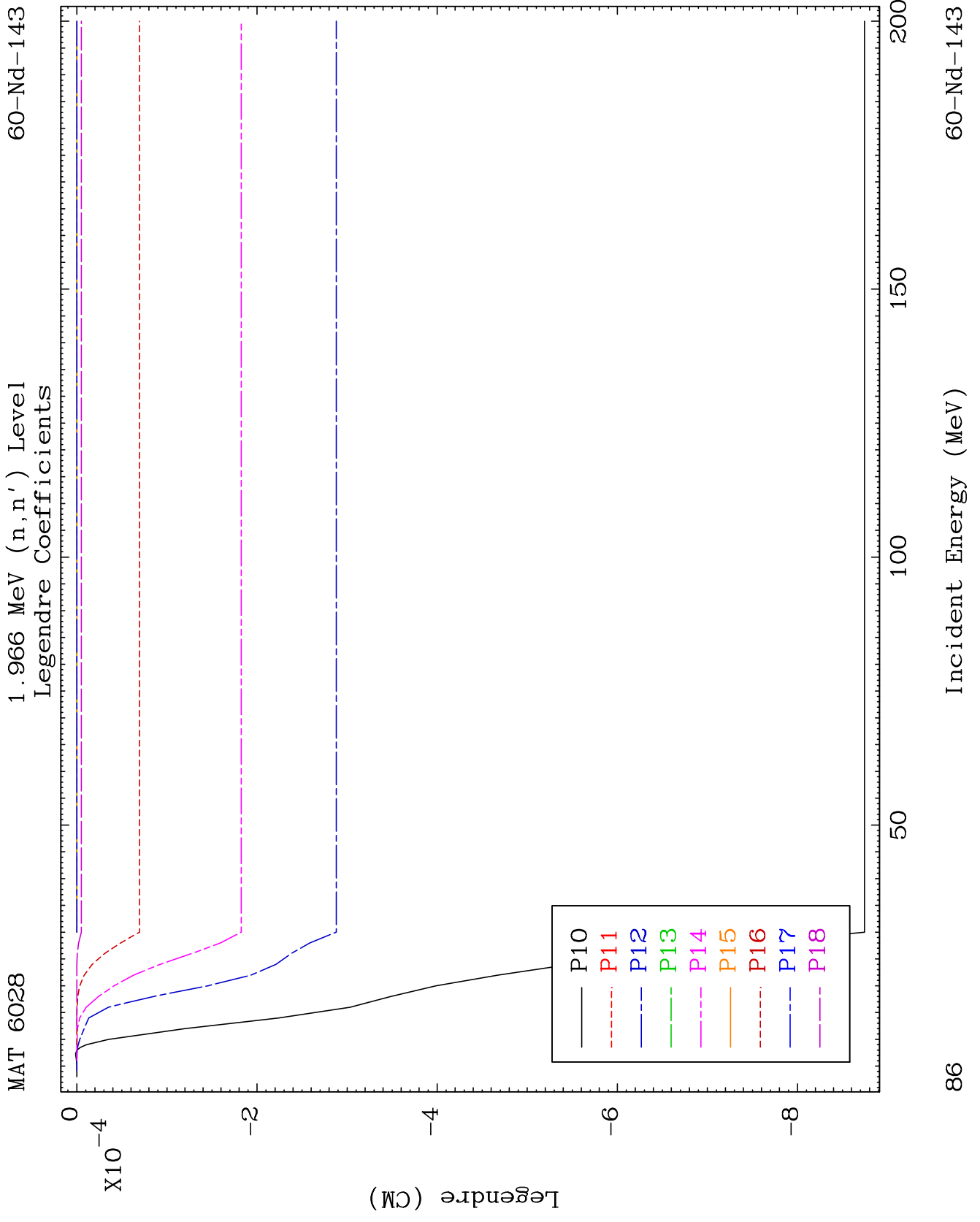


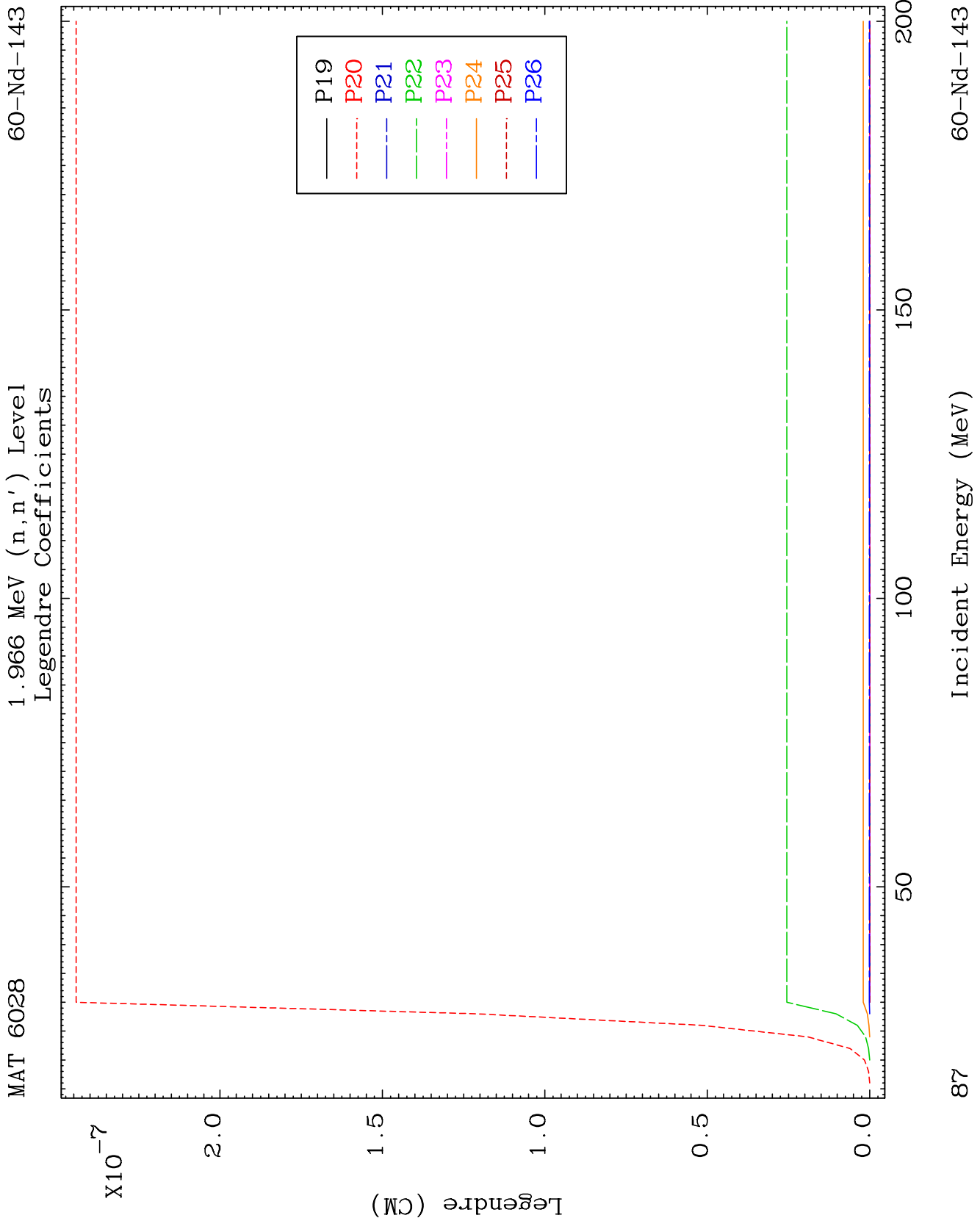


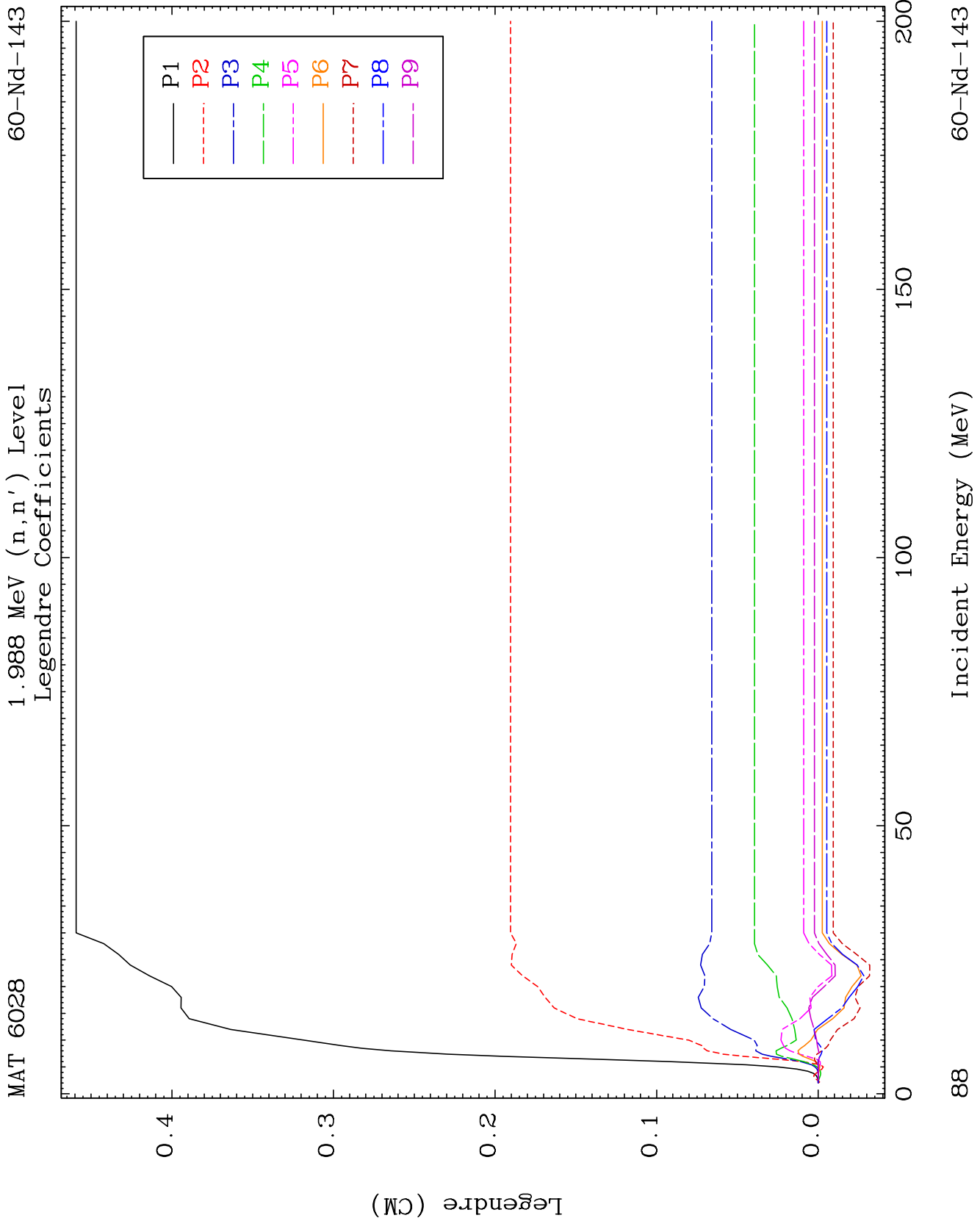








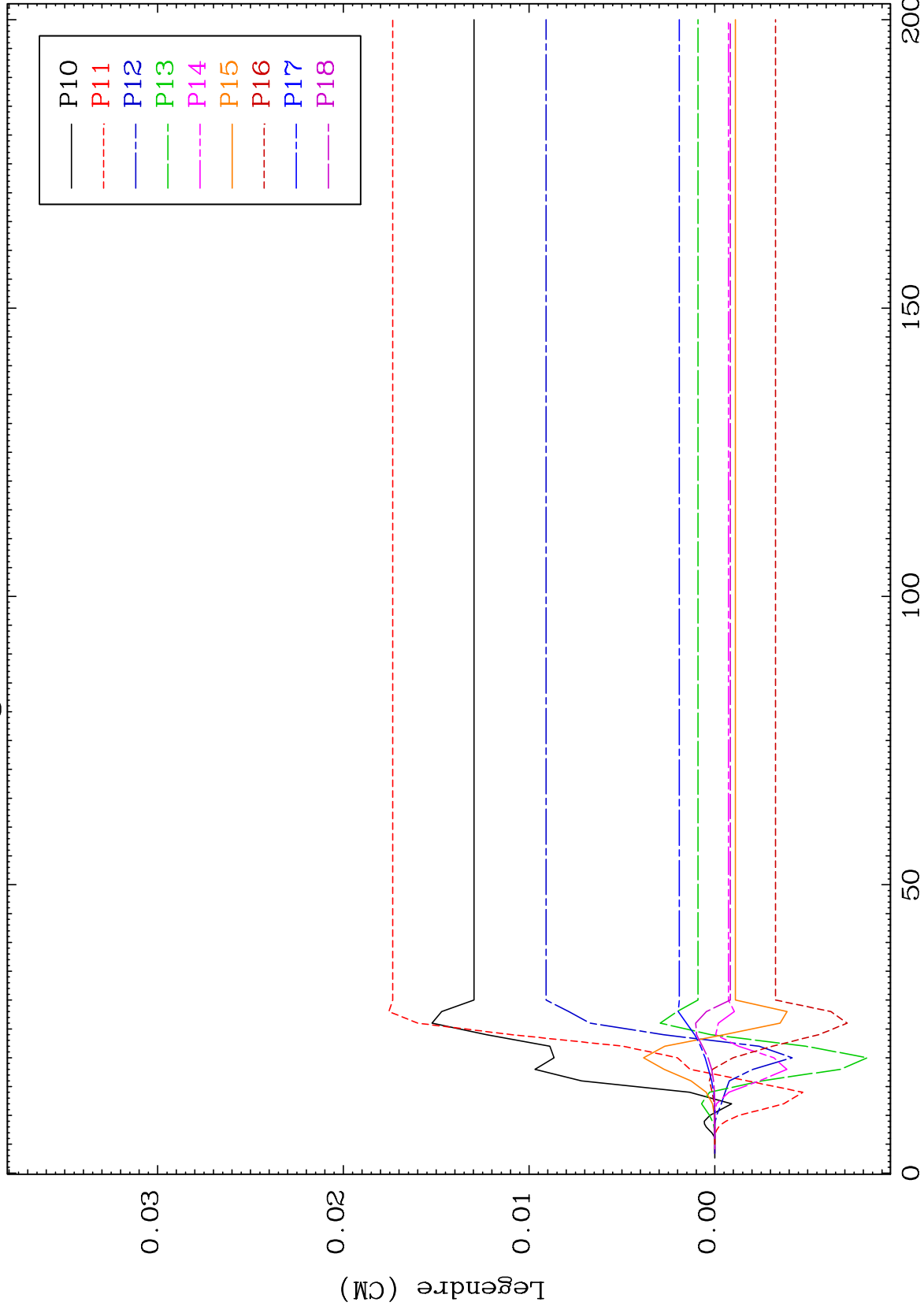




MAT 6028

1.988 MeV (n,n') Level
Legendre Coefficients

60-Nd-143



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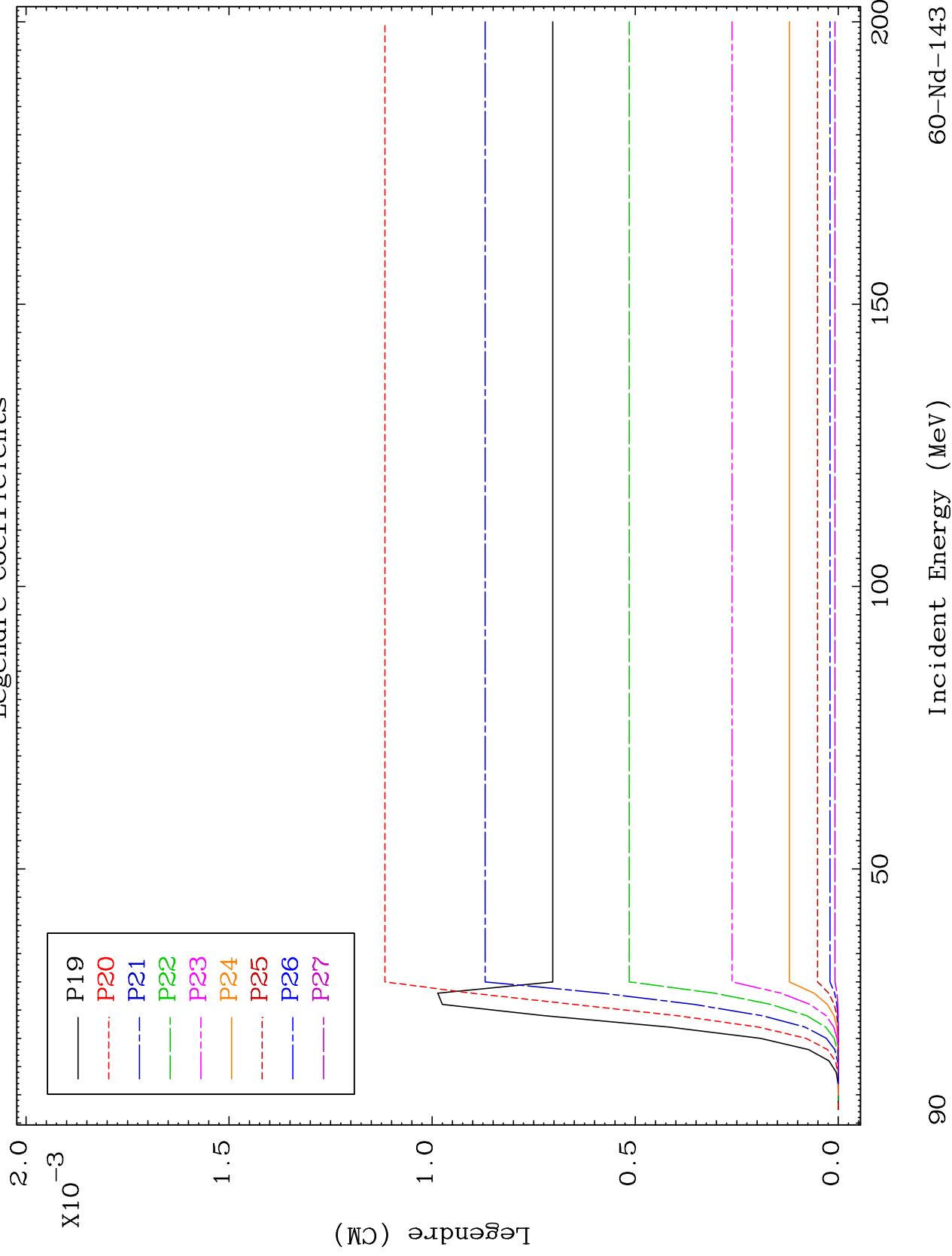
Incident Energy (MeV)

60-Nd-143

MAT 6028

1.988 MeV (n,n') Level
Legendre Coefficients

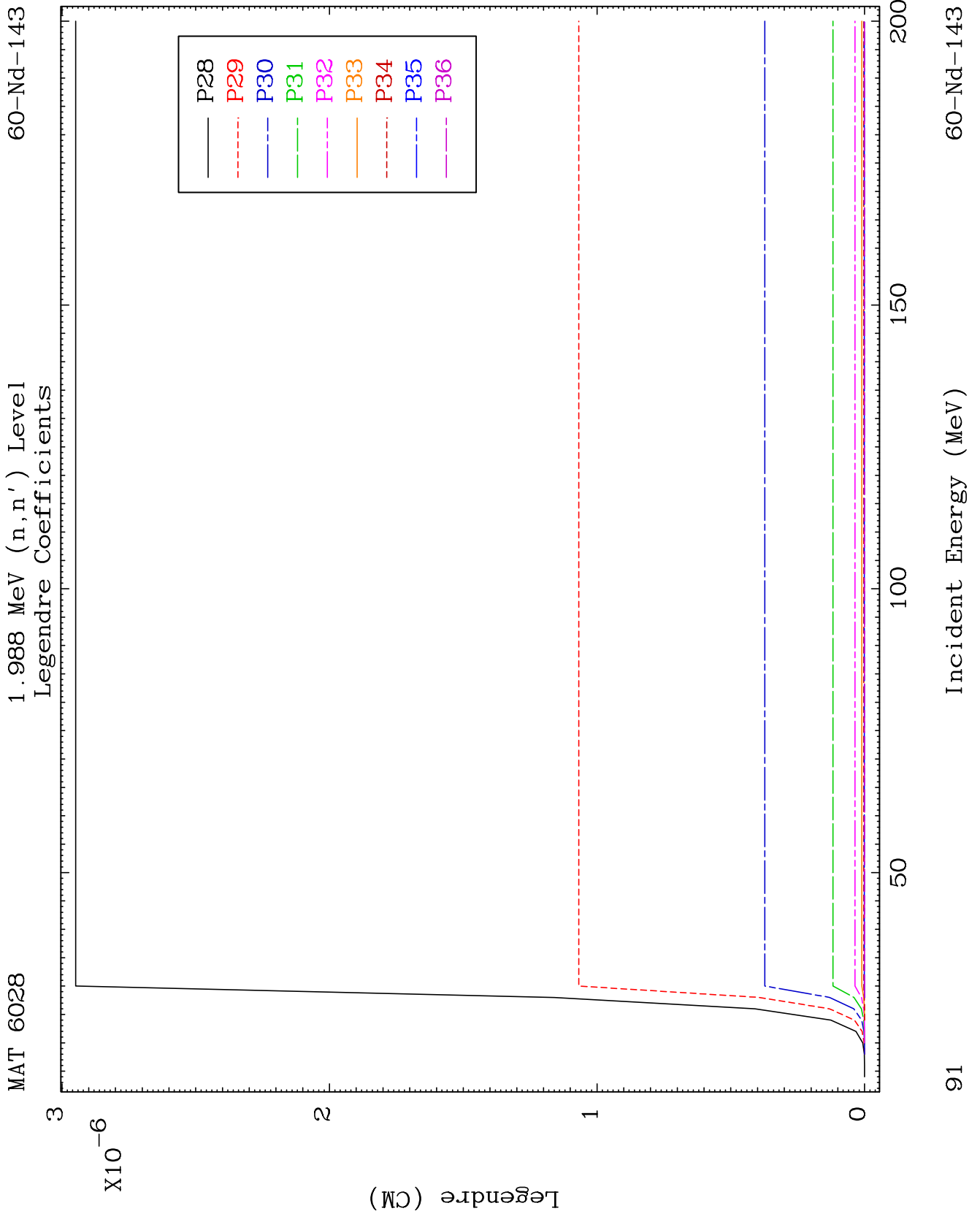
60-Nd-143



90

Incident Energy (MeV)

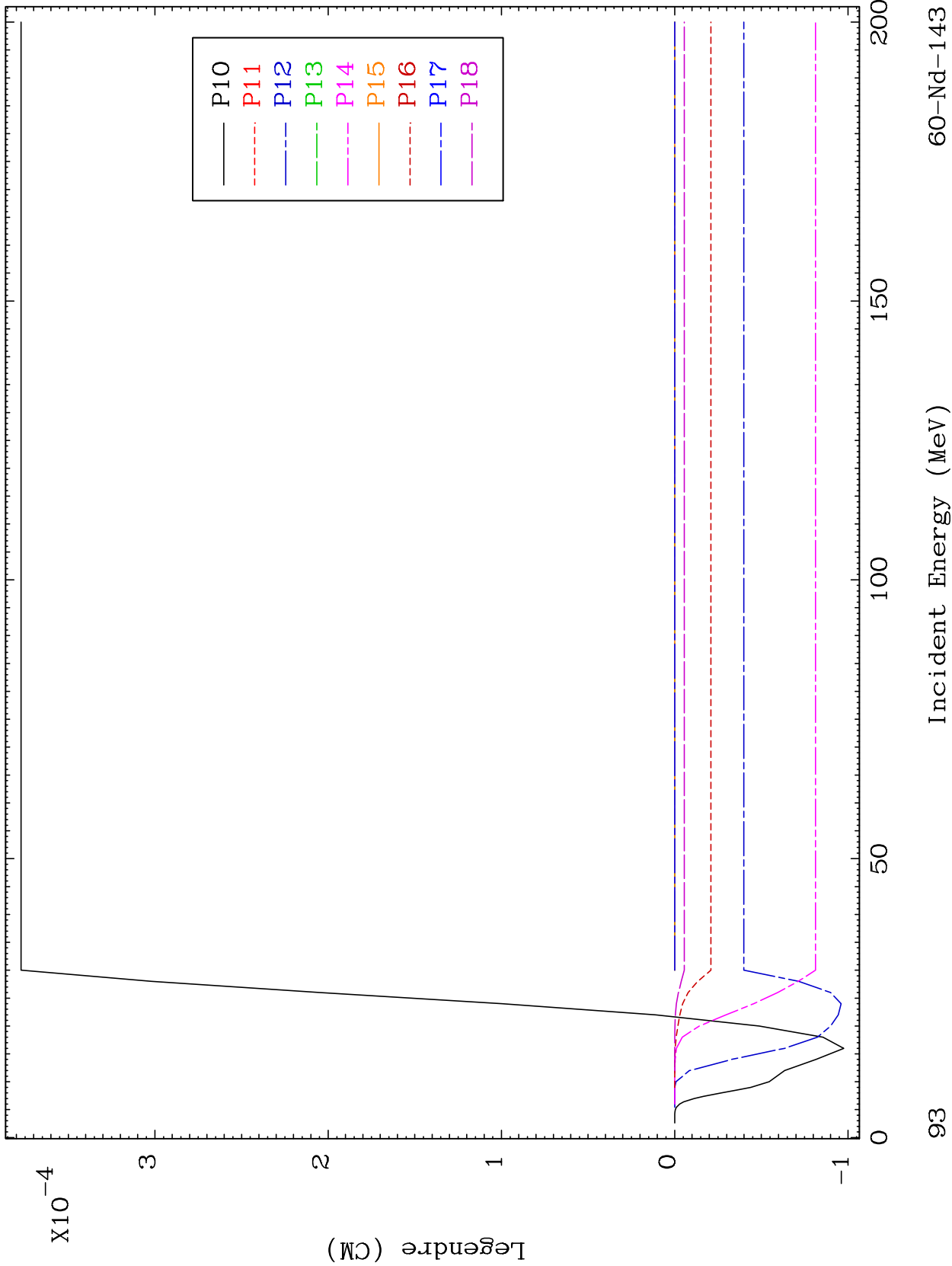
60-Nd-143



MAT 6028

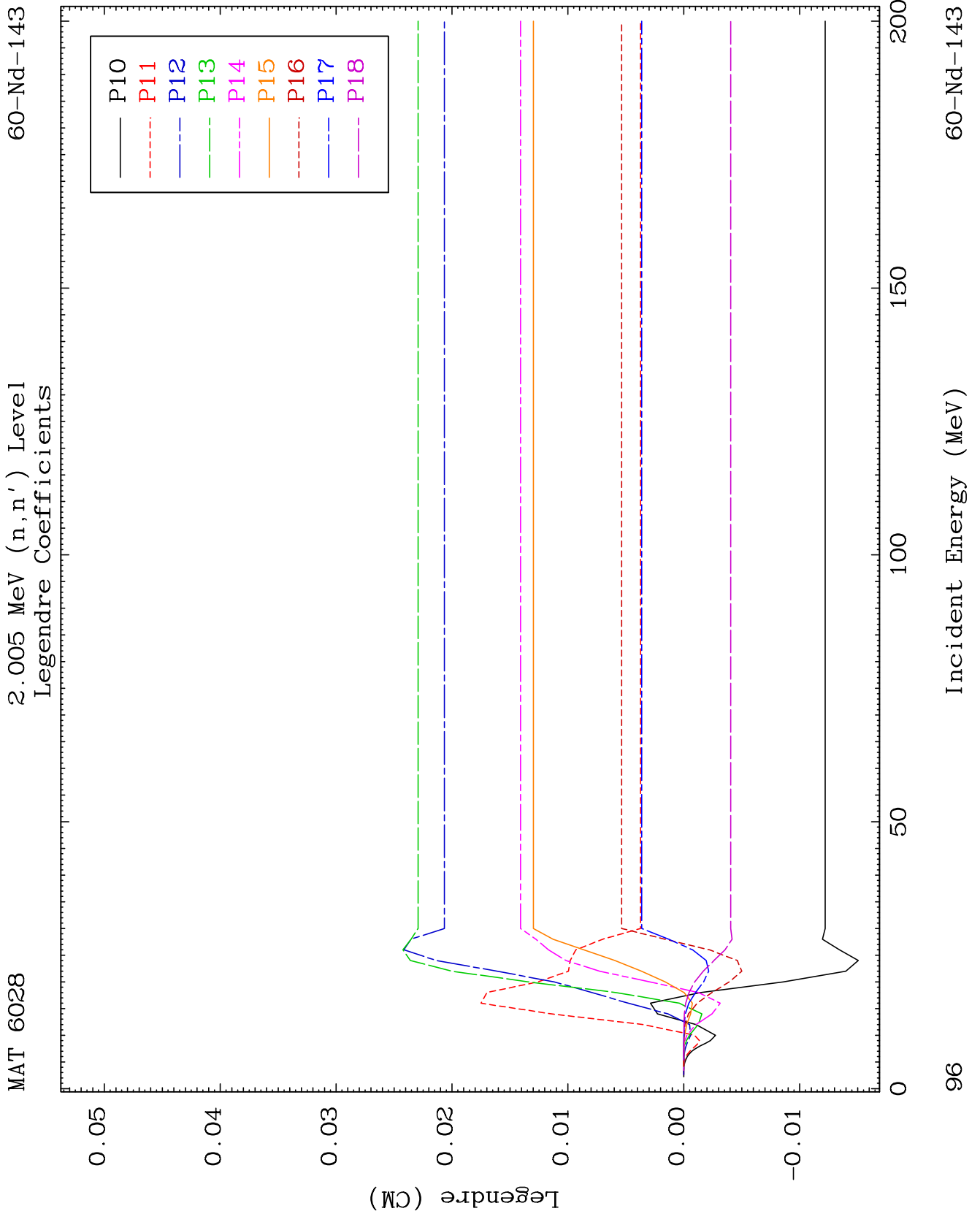
1.996 MeV (n,n') Level
Legendre Coefficients

60-Nd-143



93

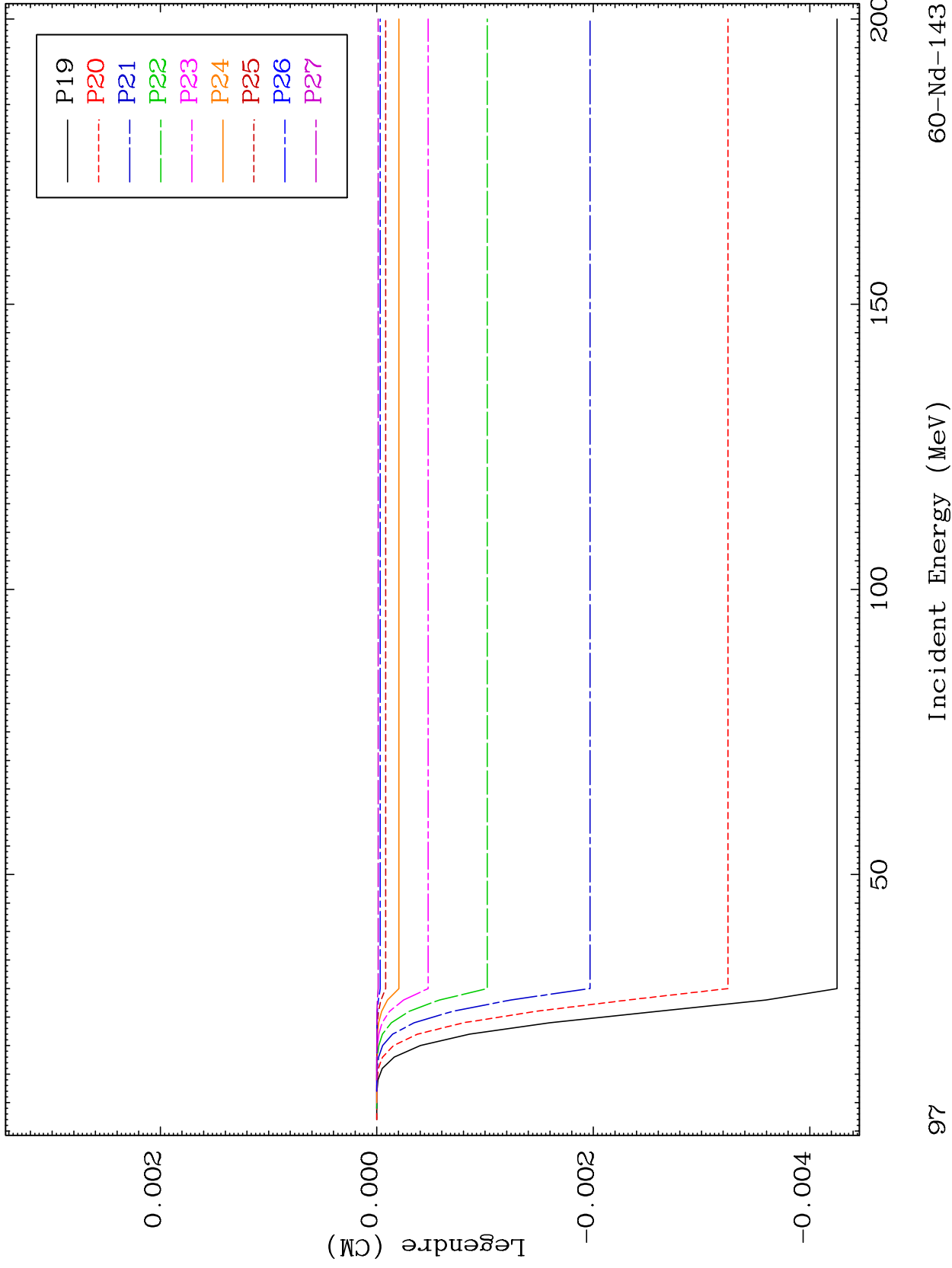
60-Nd-143



MAT 6028

2.005 MeV (n,n') Level
Legendre Coefficients

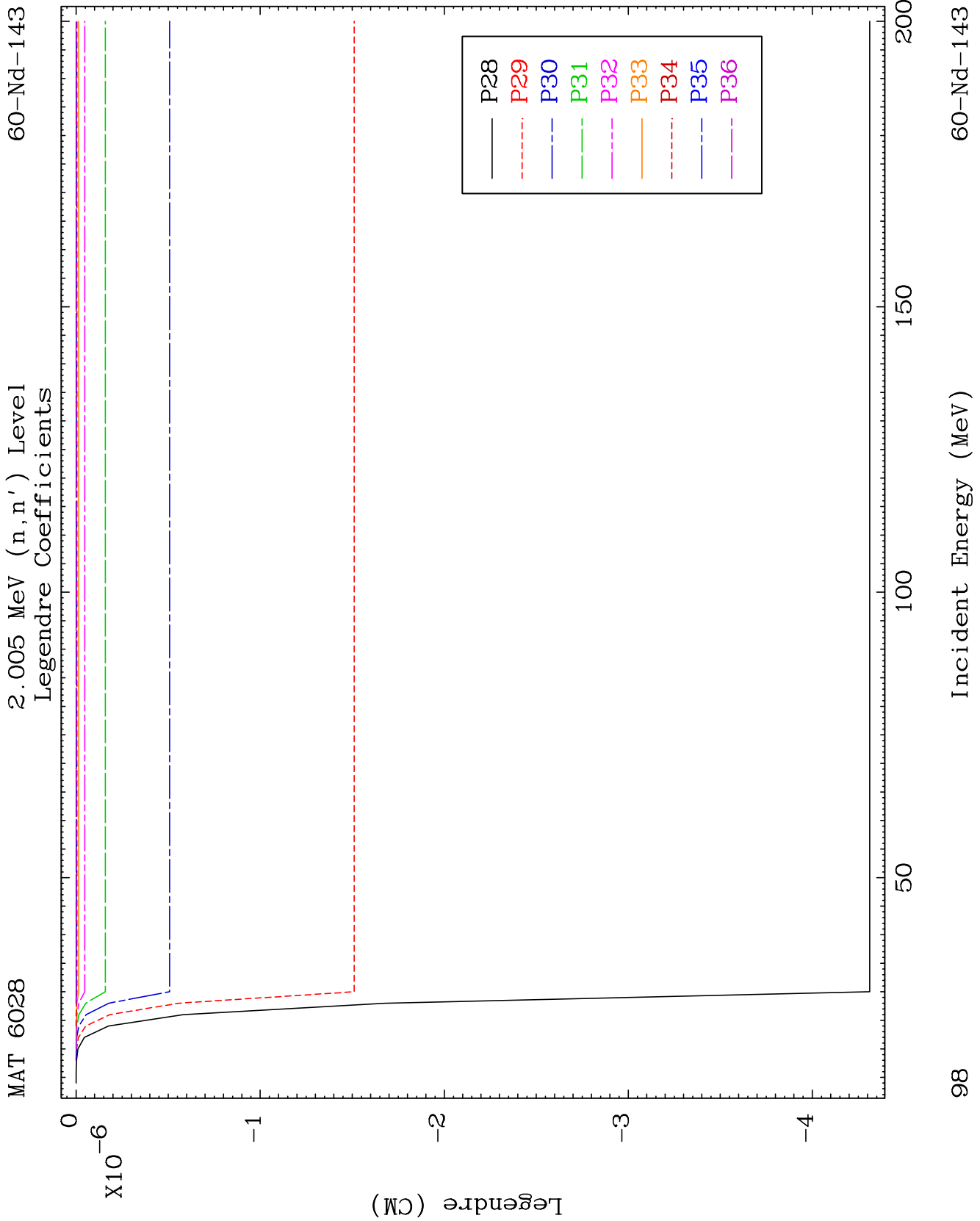
60-Nd-143

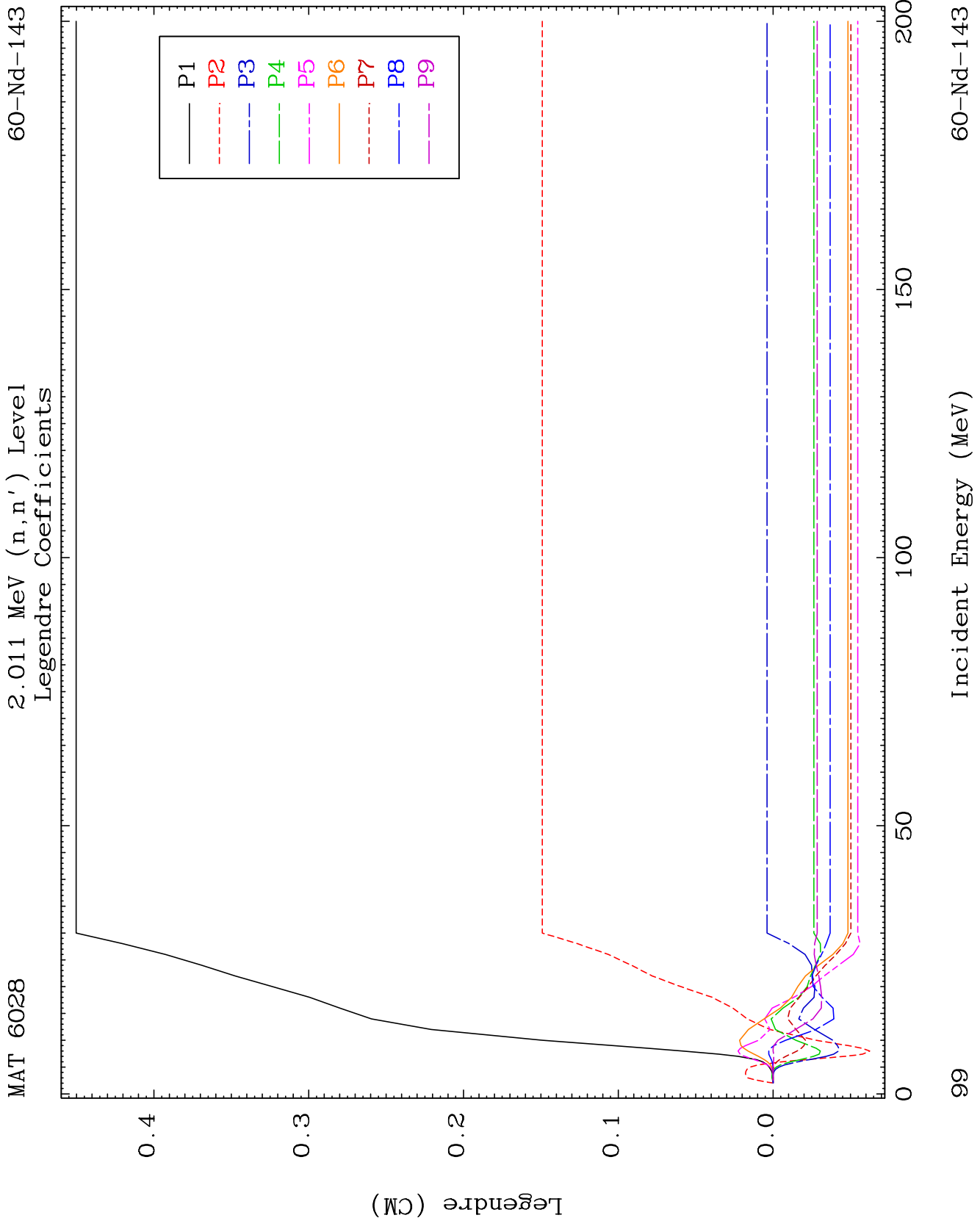


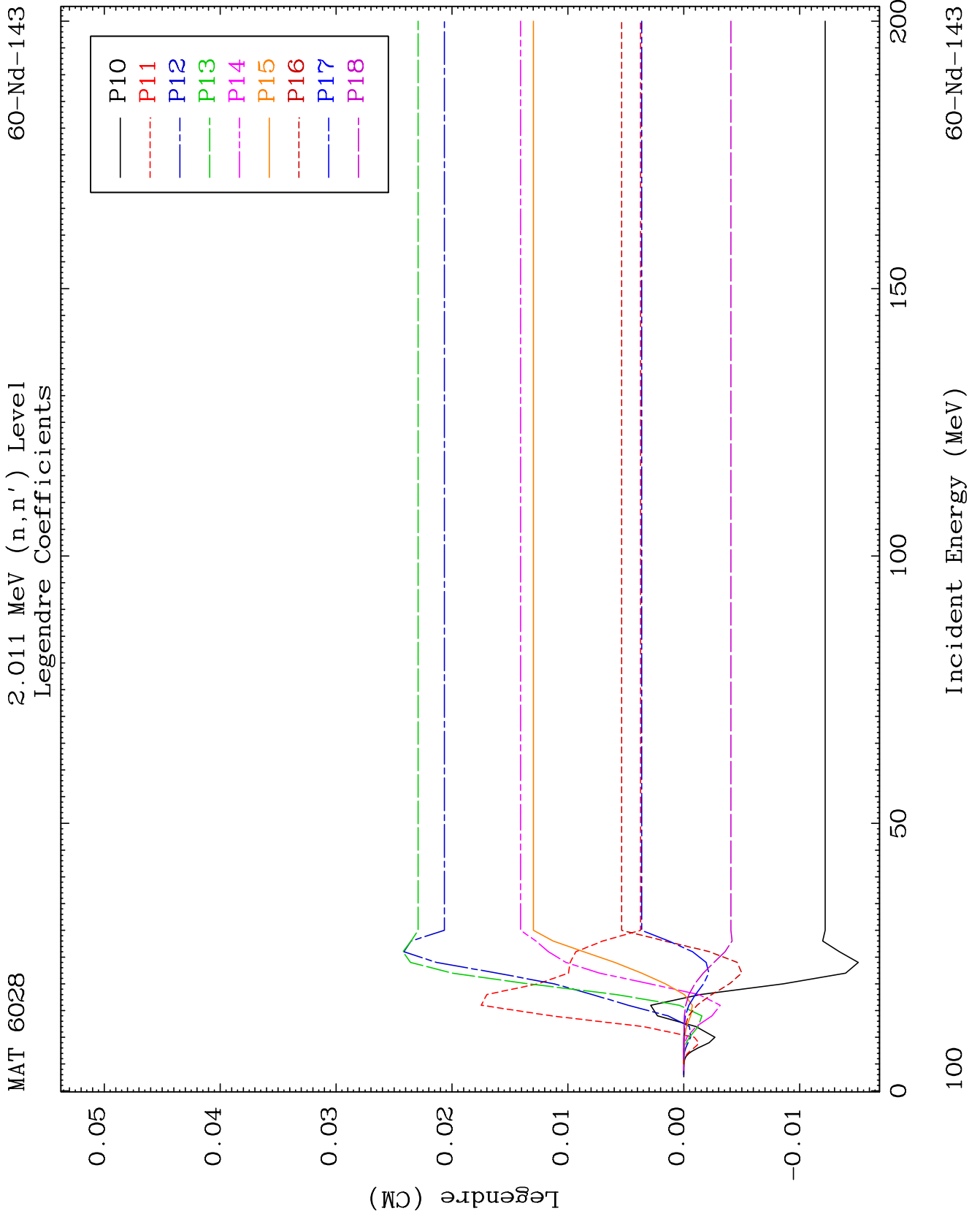
97

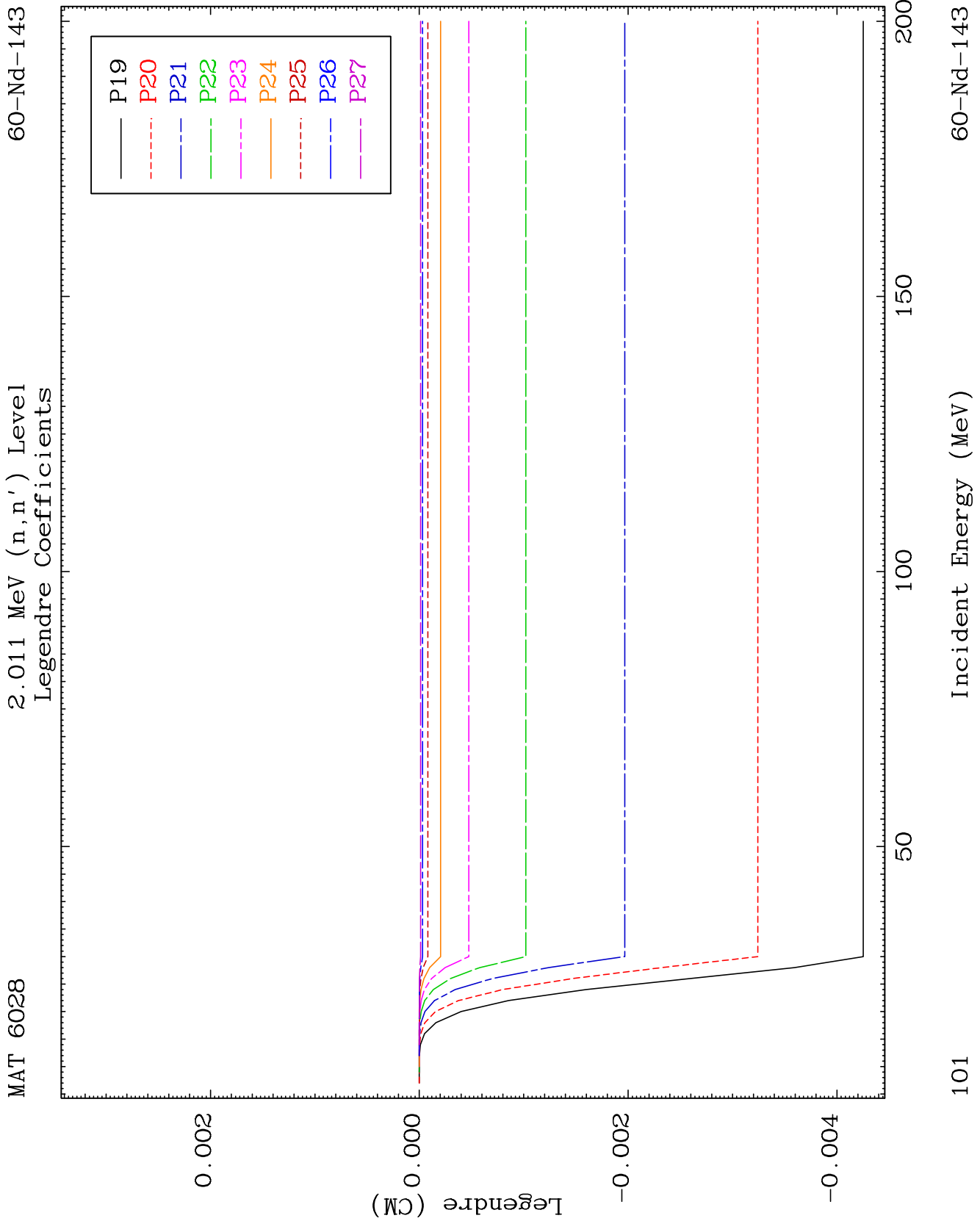
Incident Energy (MeV)

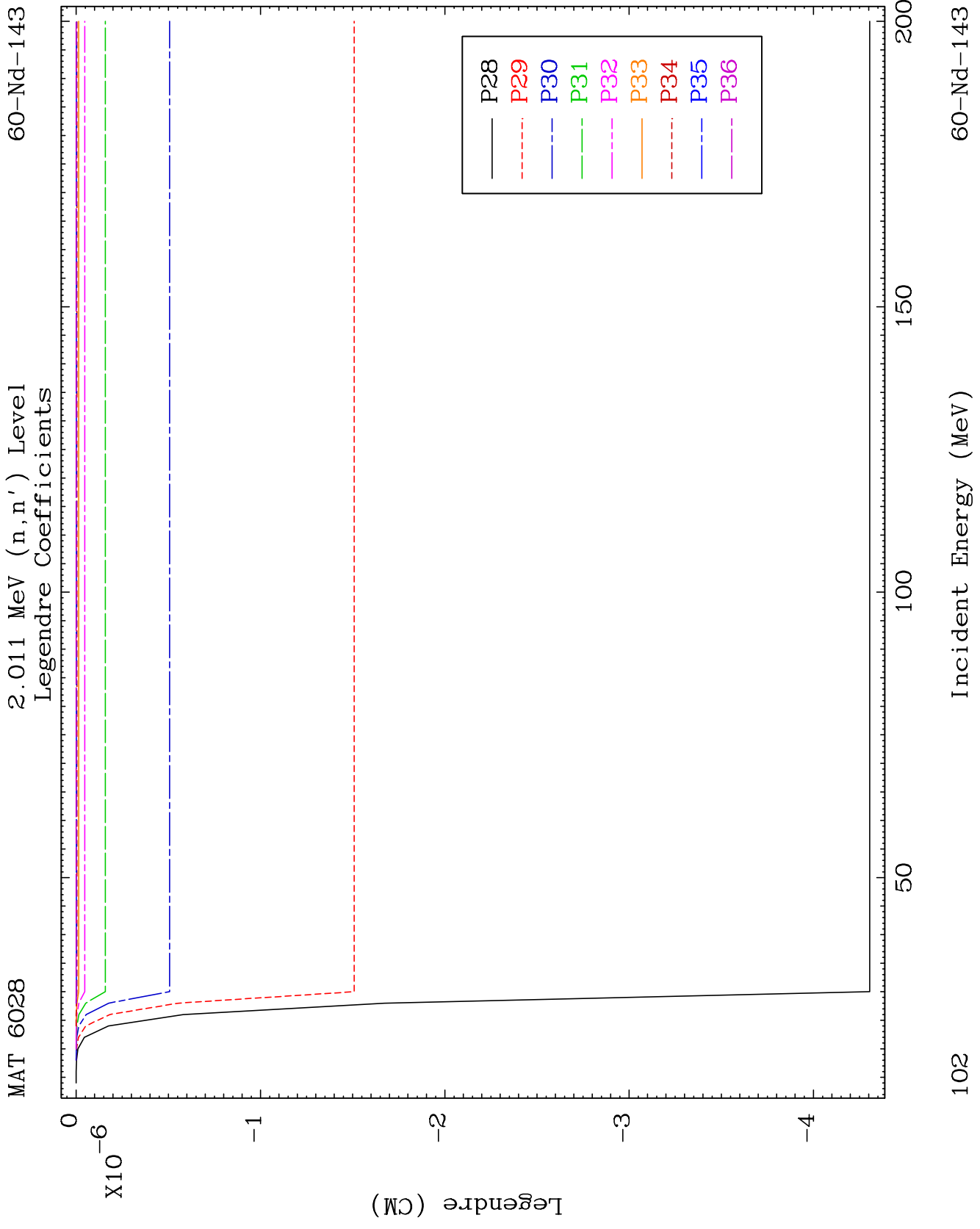
60-Nd-143

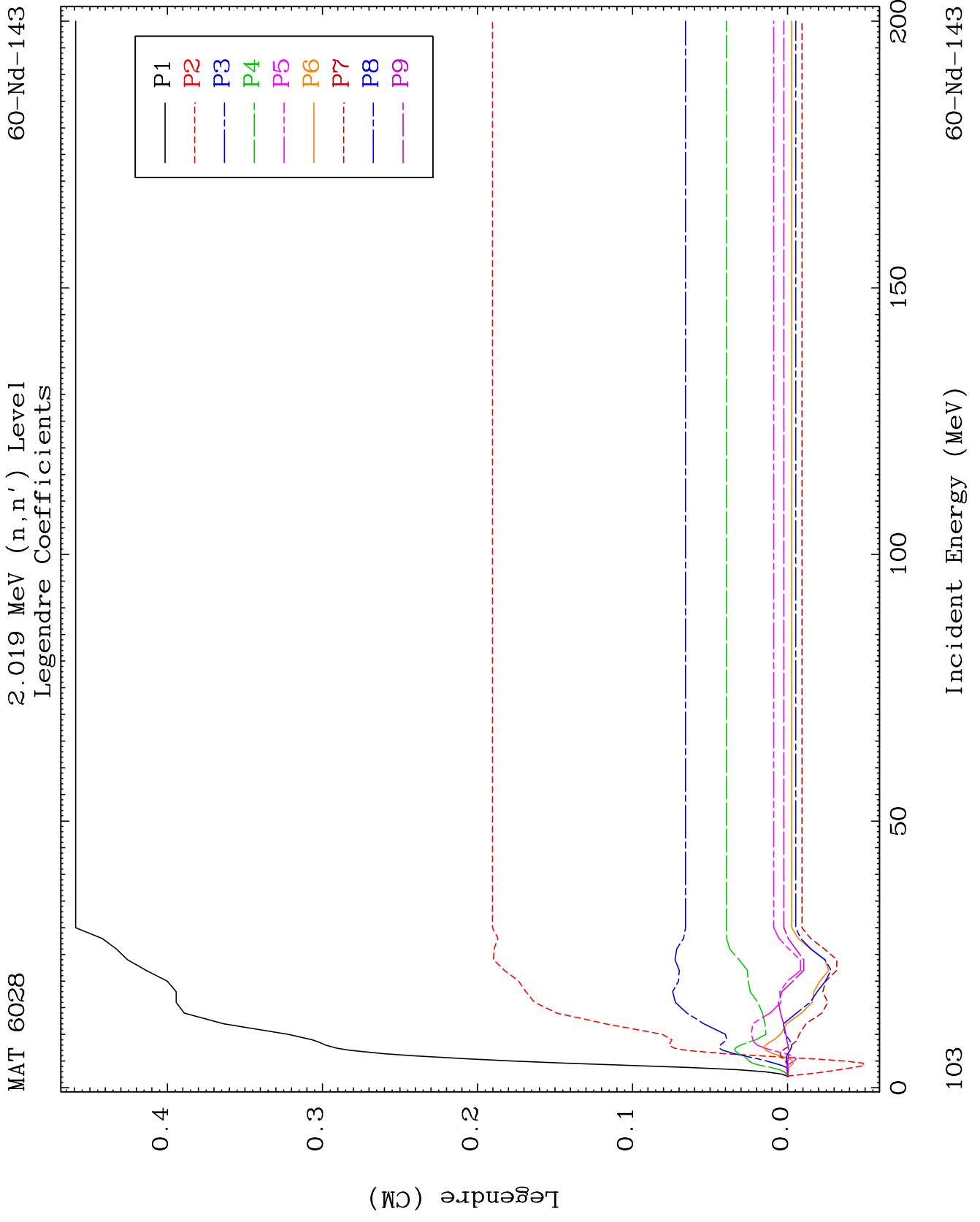


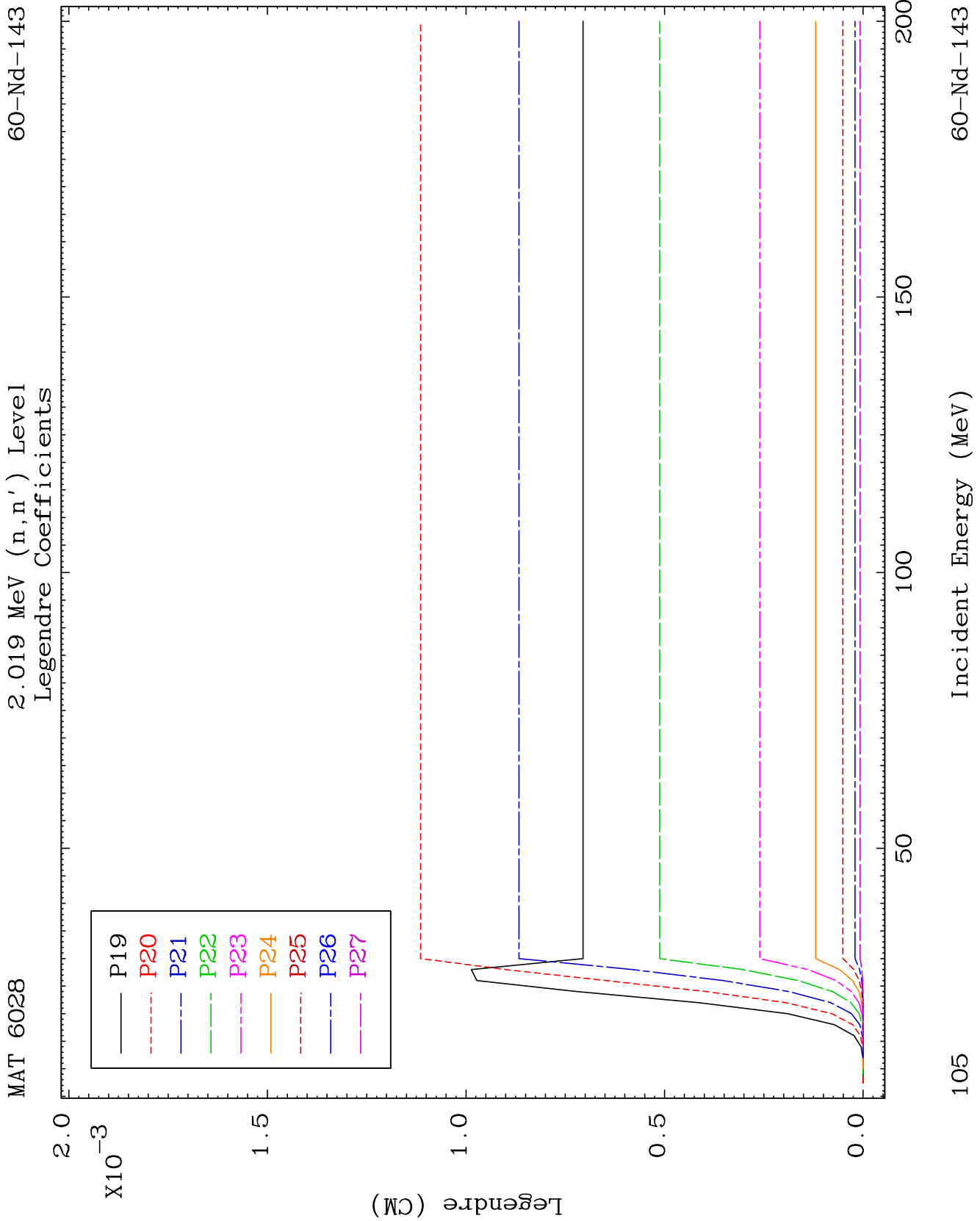


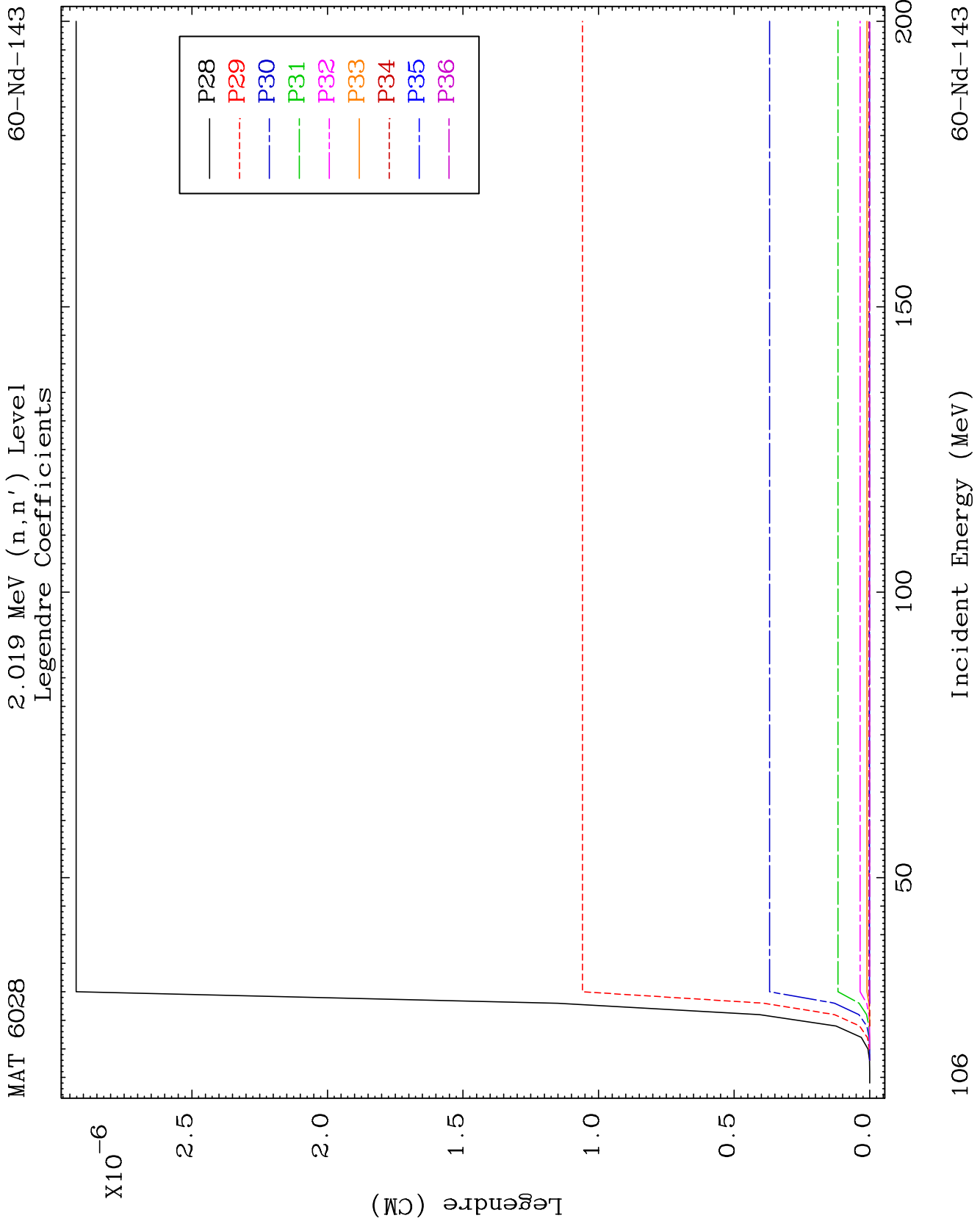








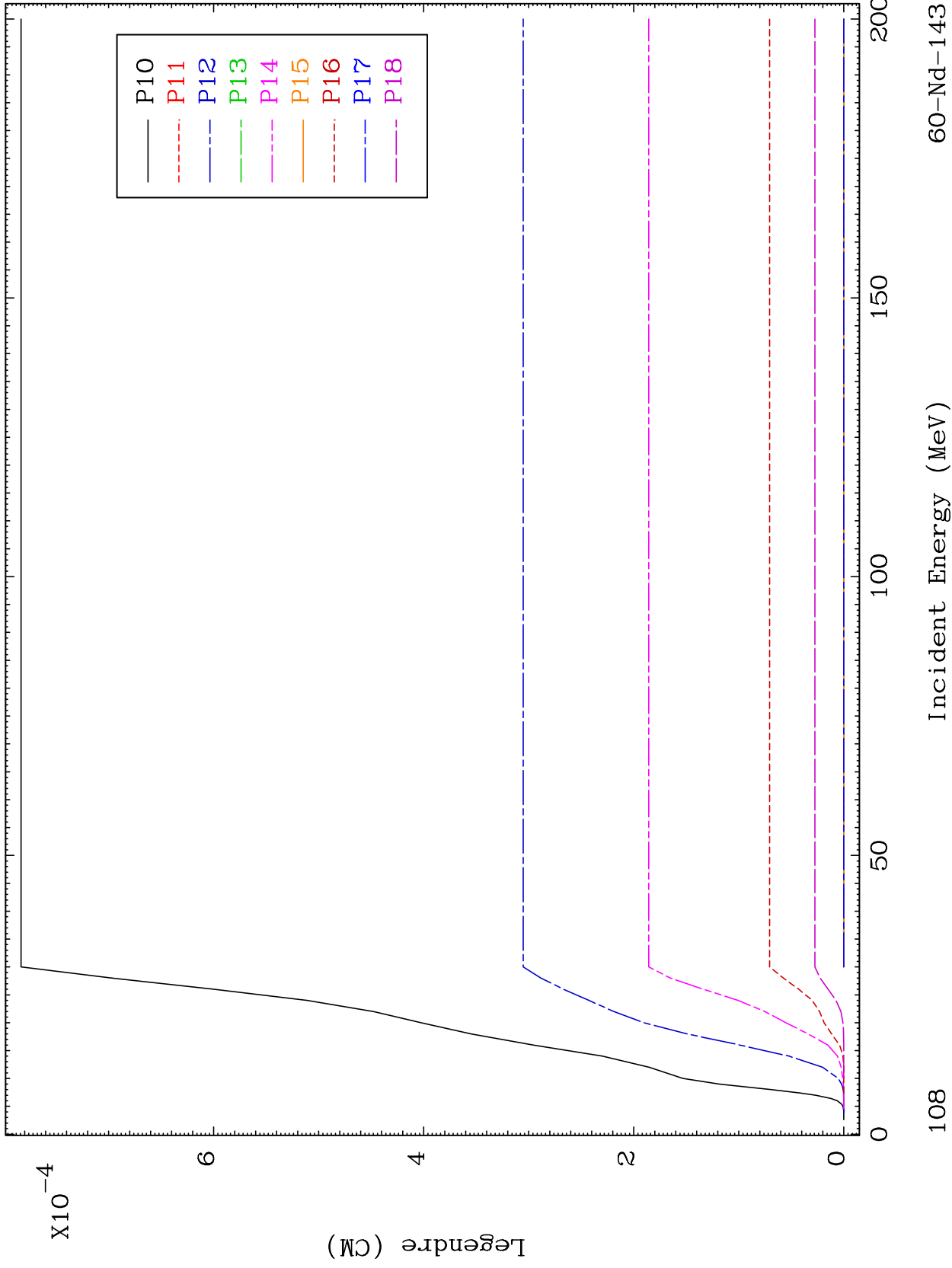




MAT 6028

2.027 MeV (n,n') Level
Legendre Coefficients

60-Nd-143



60-Nd-143

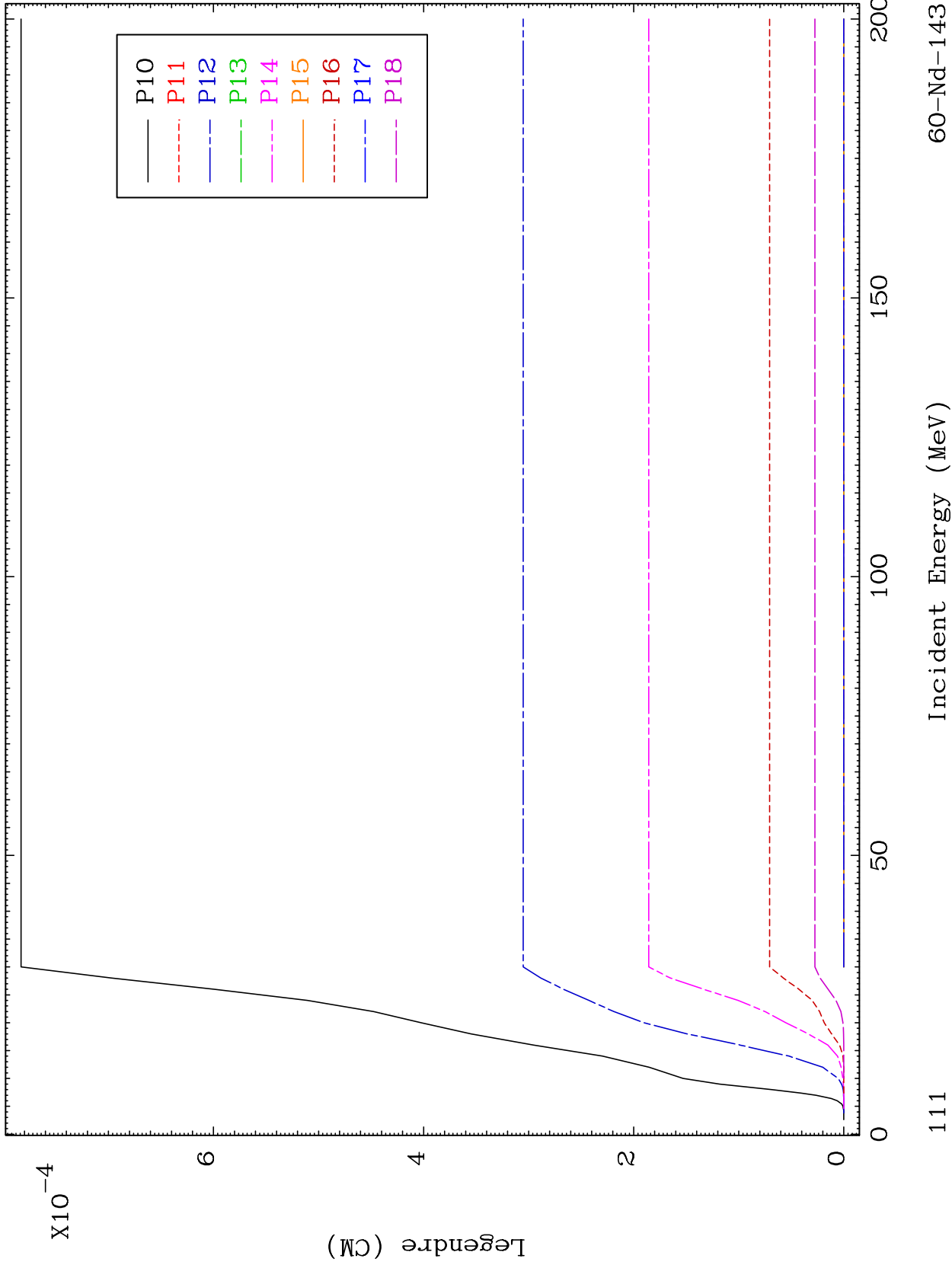
Incident Energy (MeV)

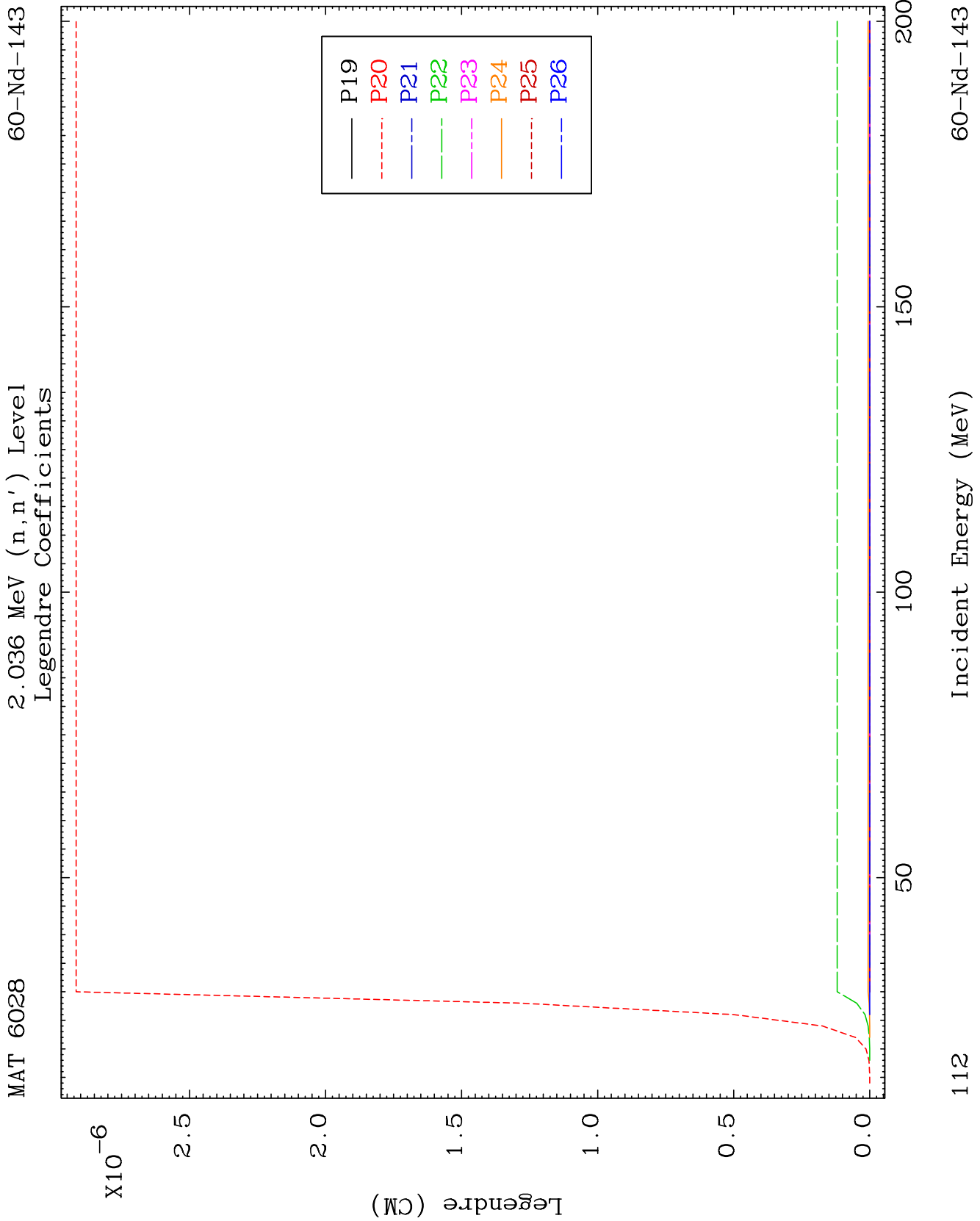
108

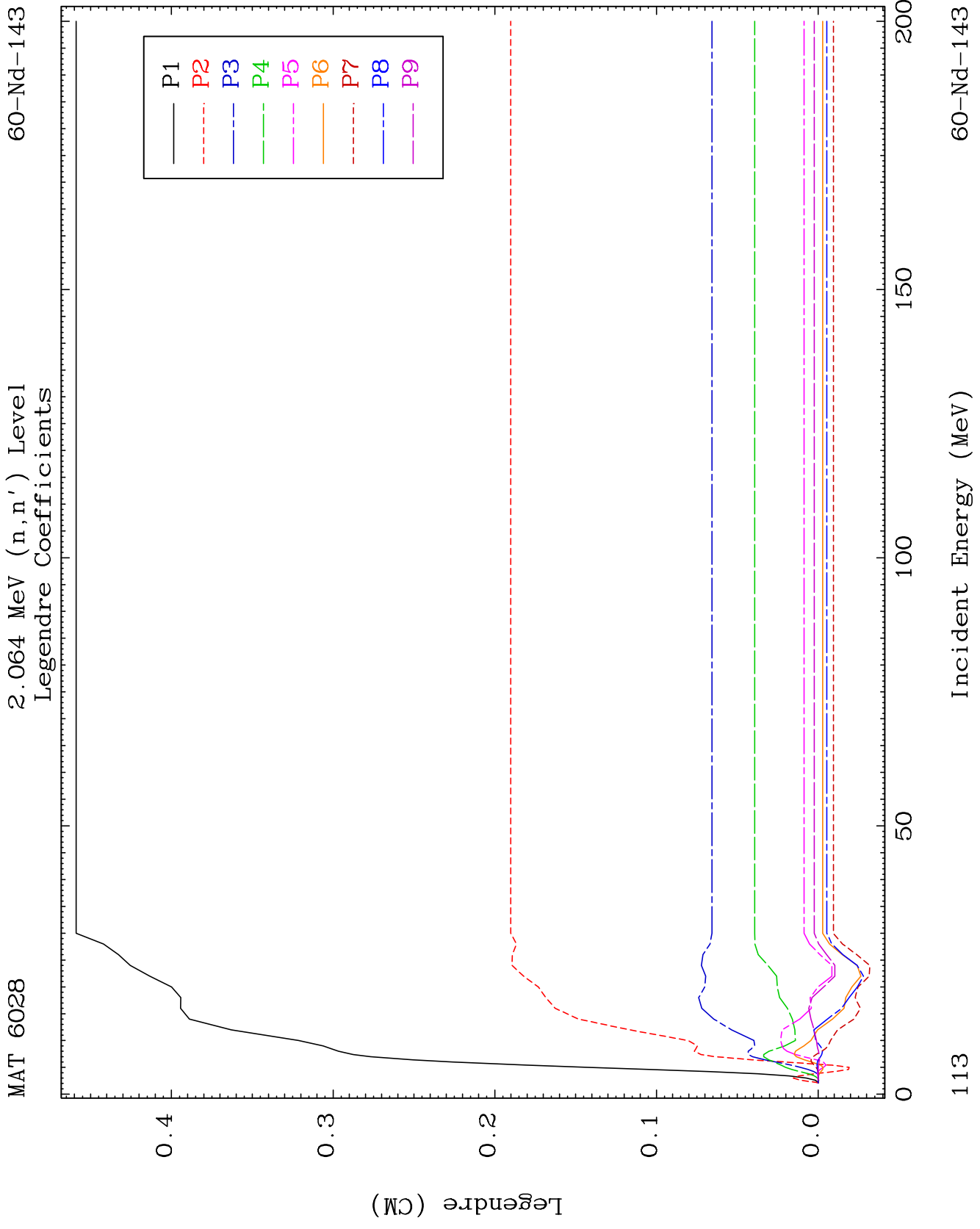
MAT 6028

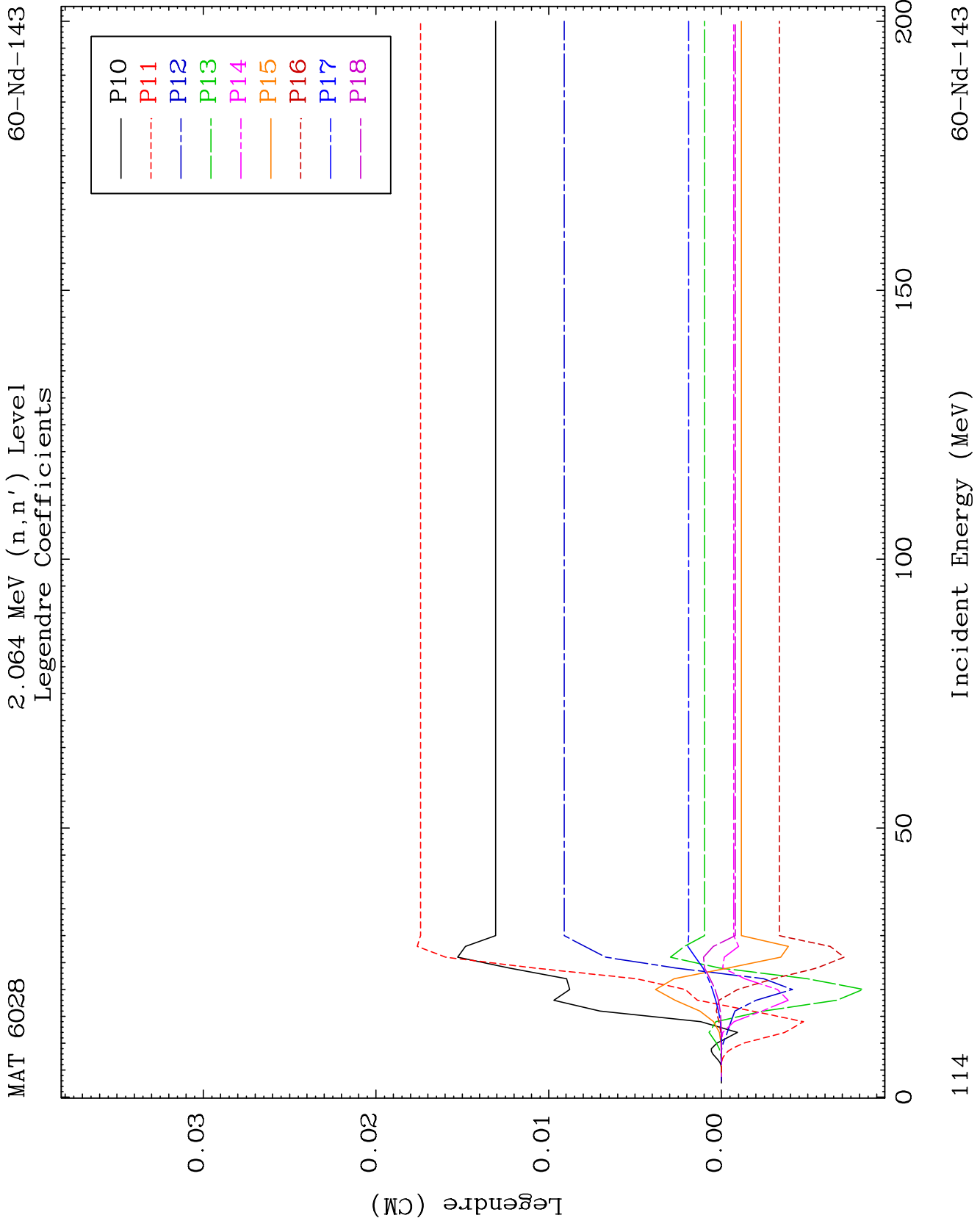
2.036 MeV (n,n') Level
Legendre Coefficients

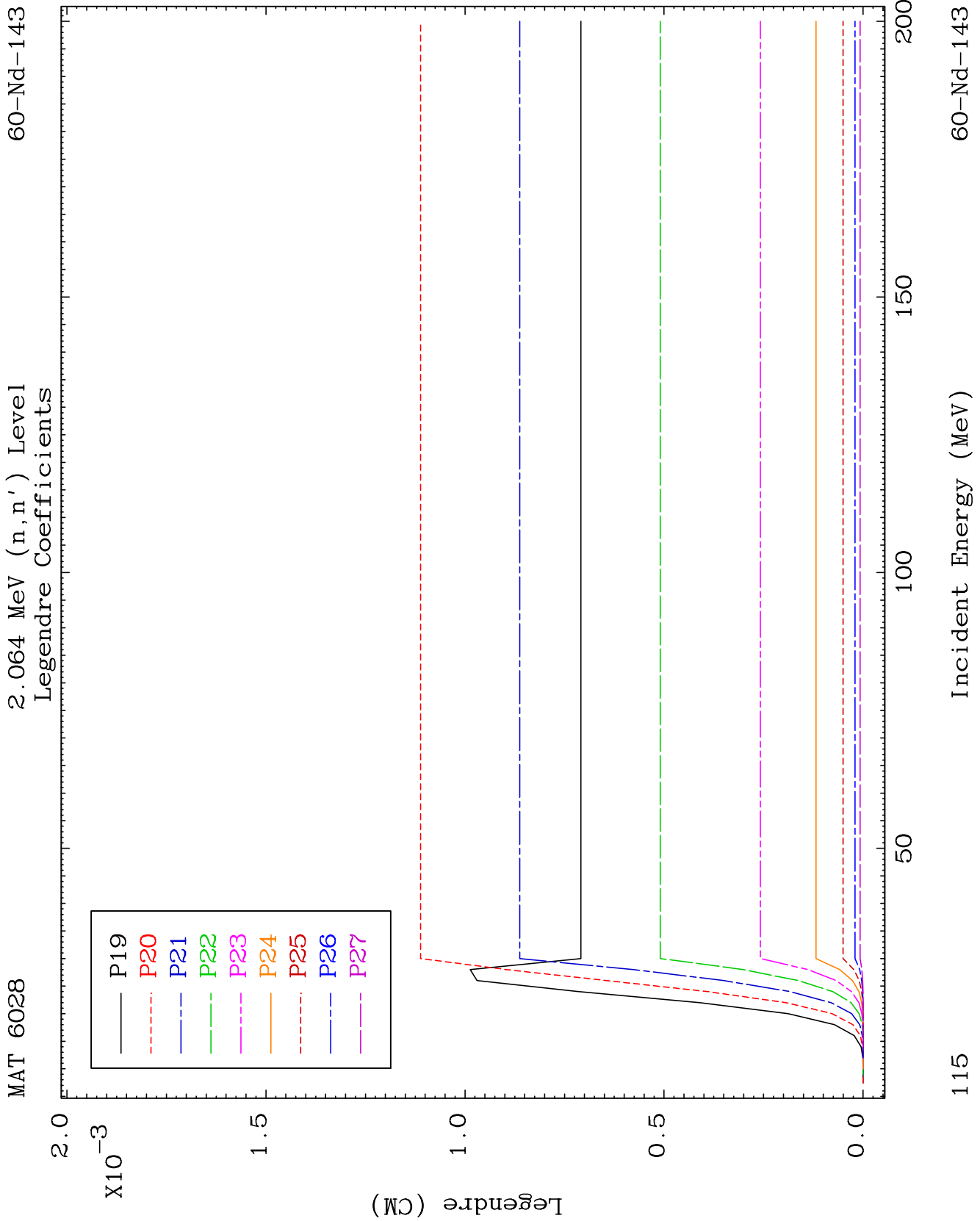
60-Nd-143

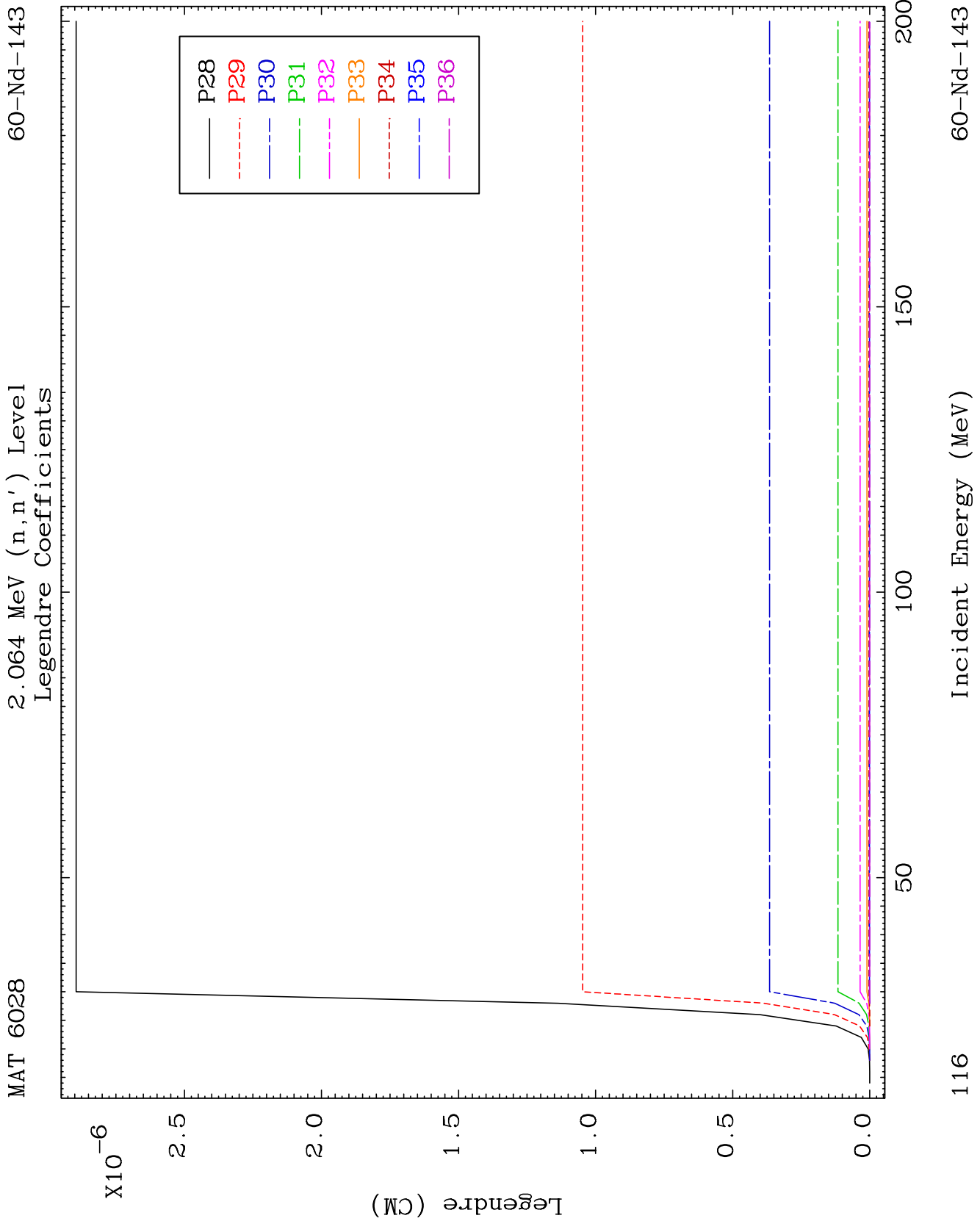


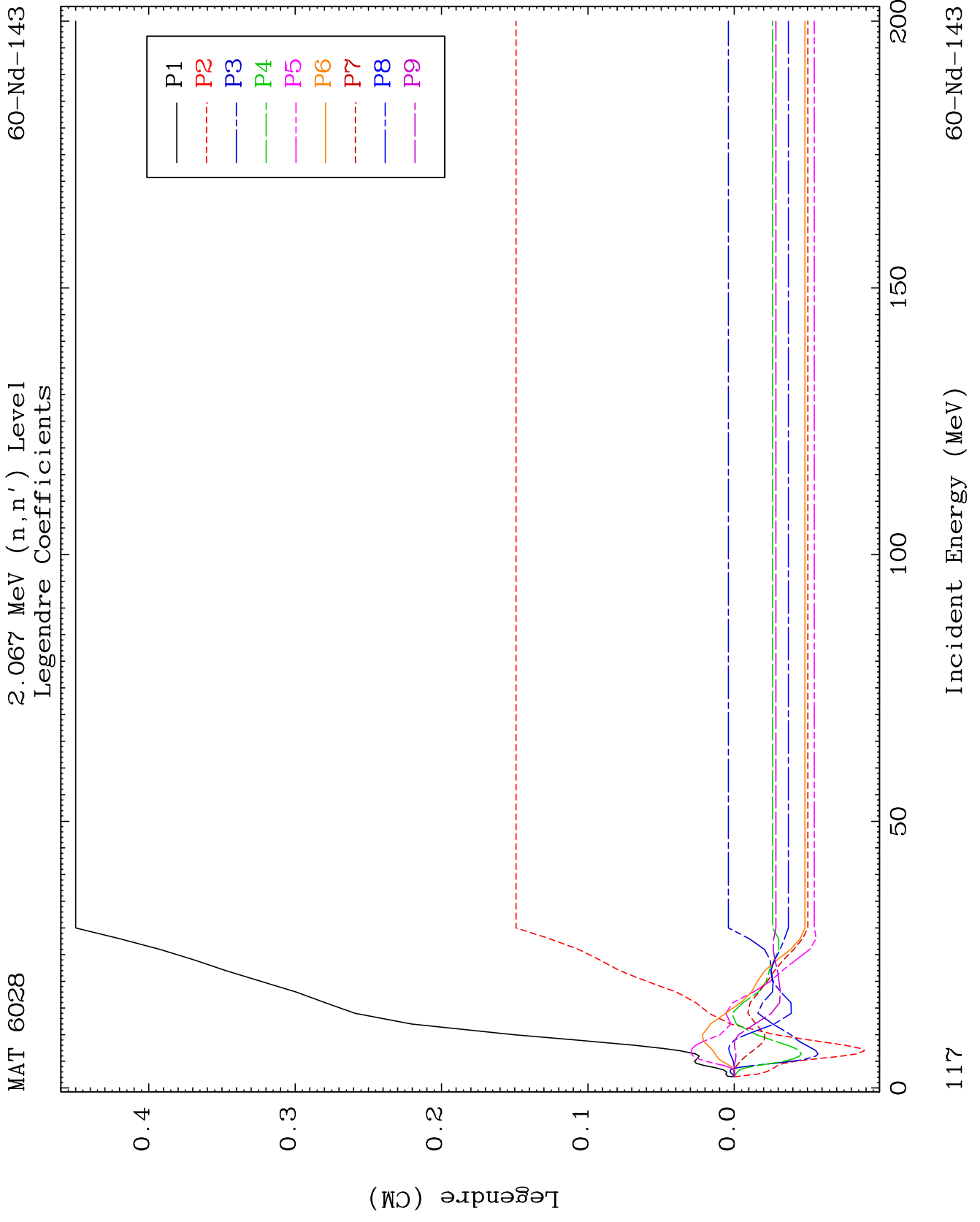


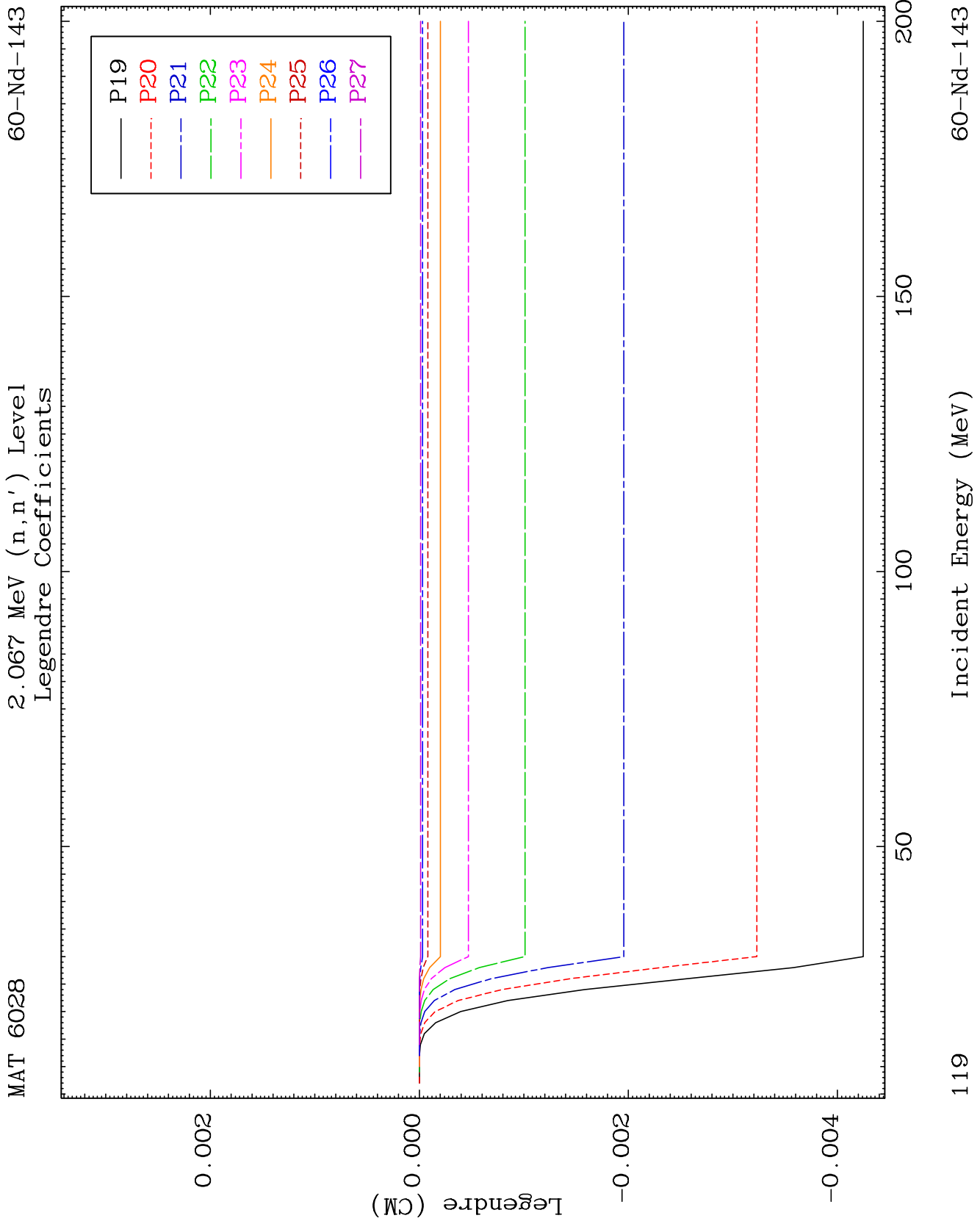


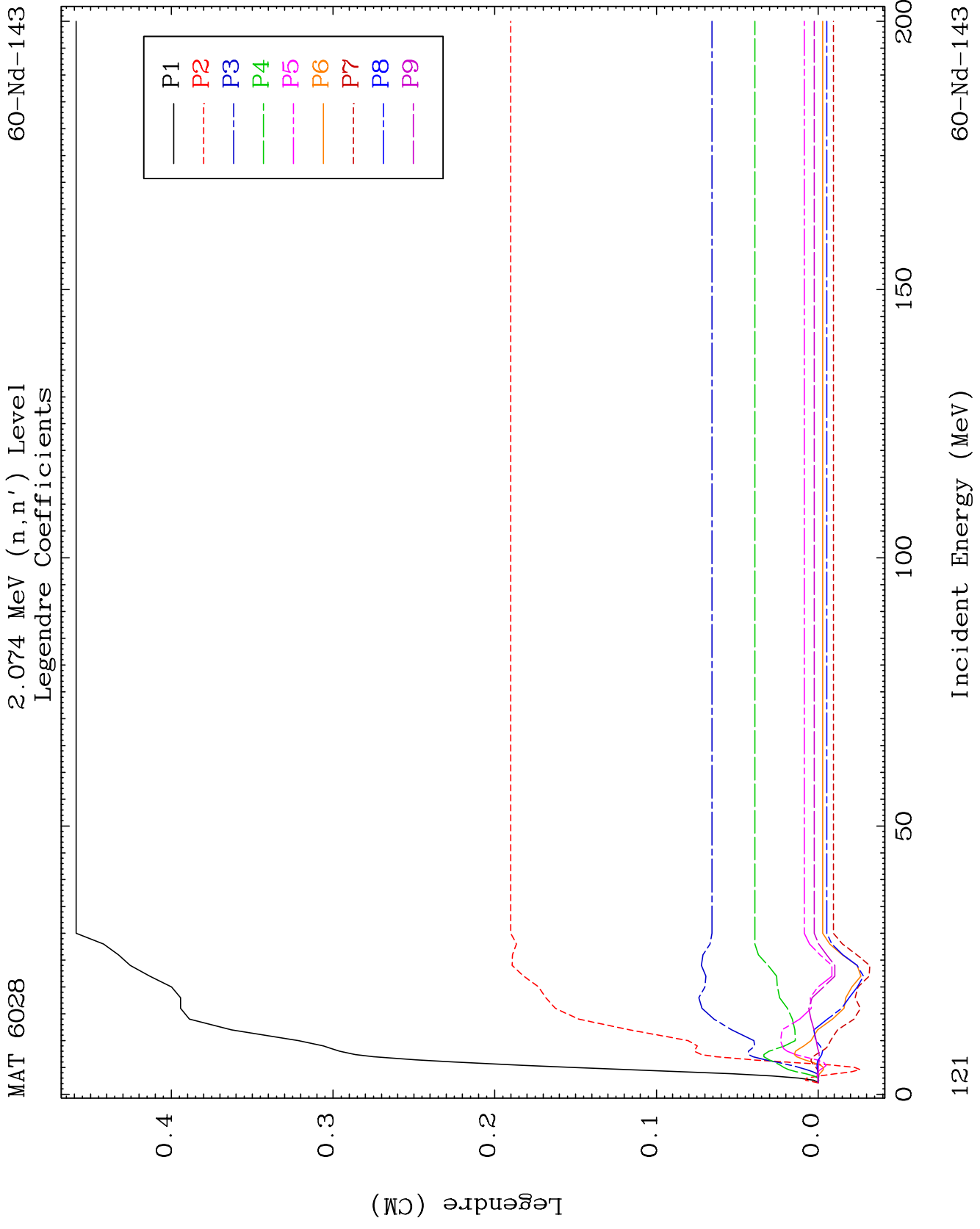


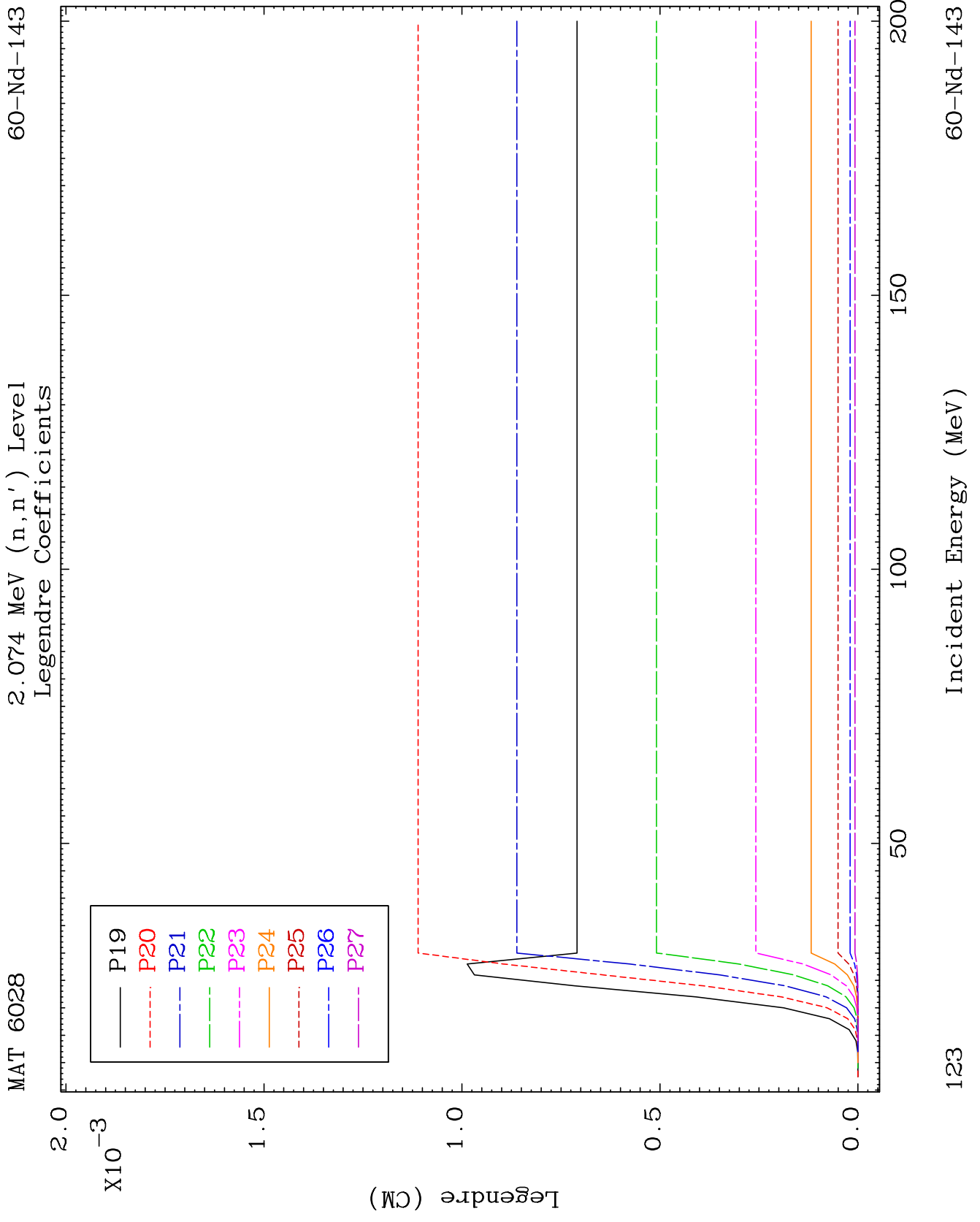


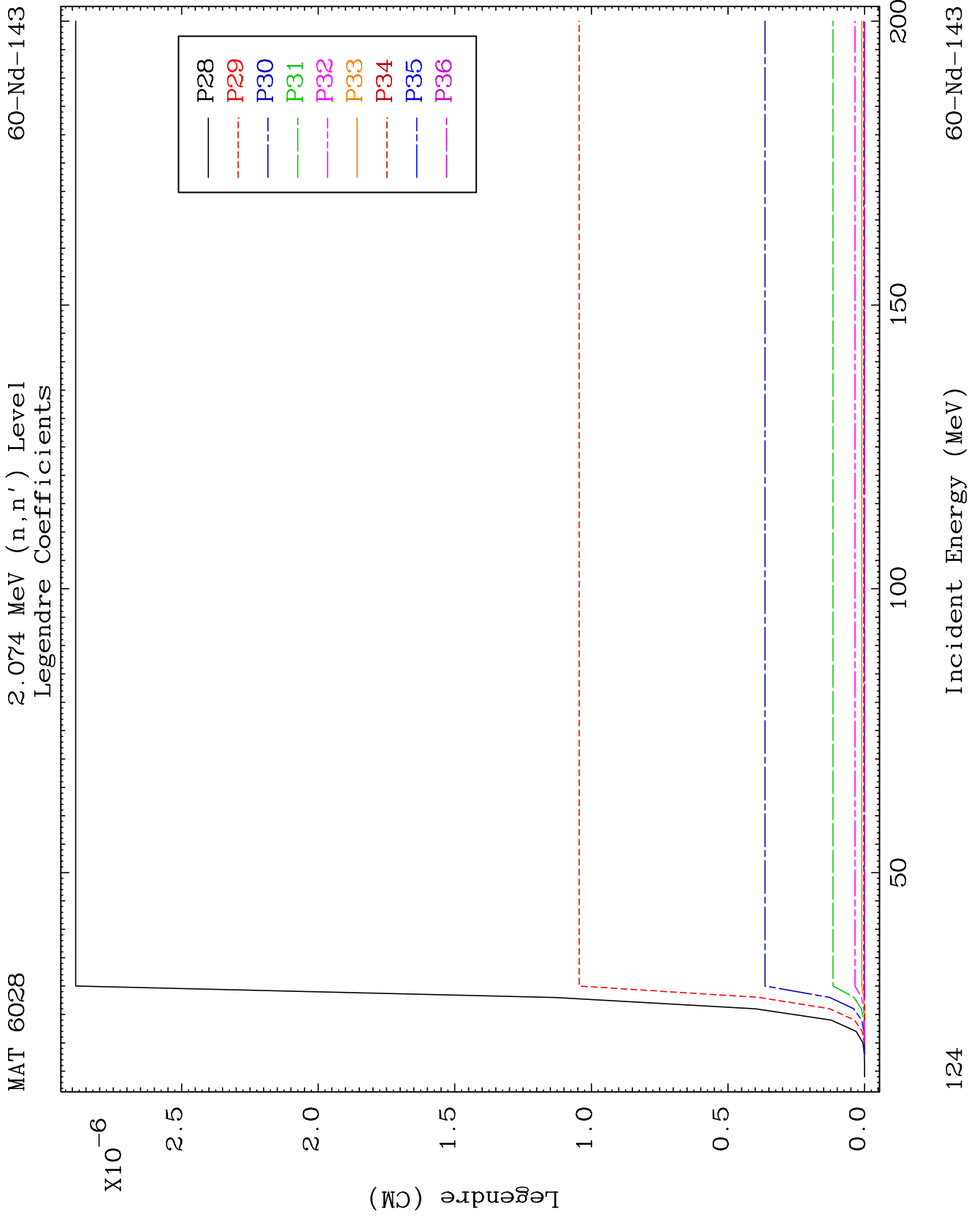








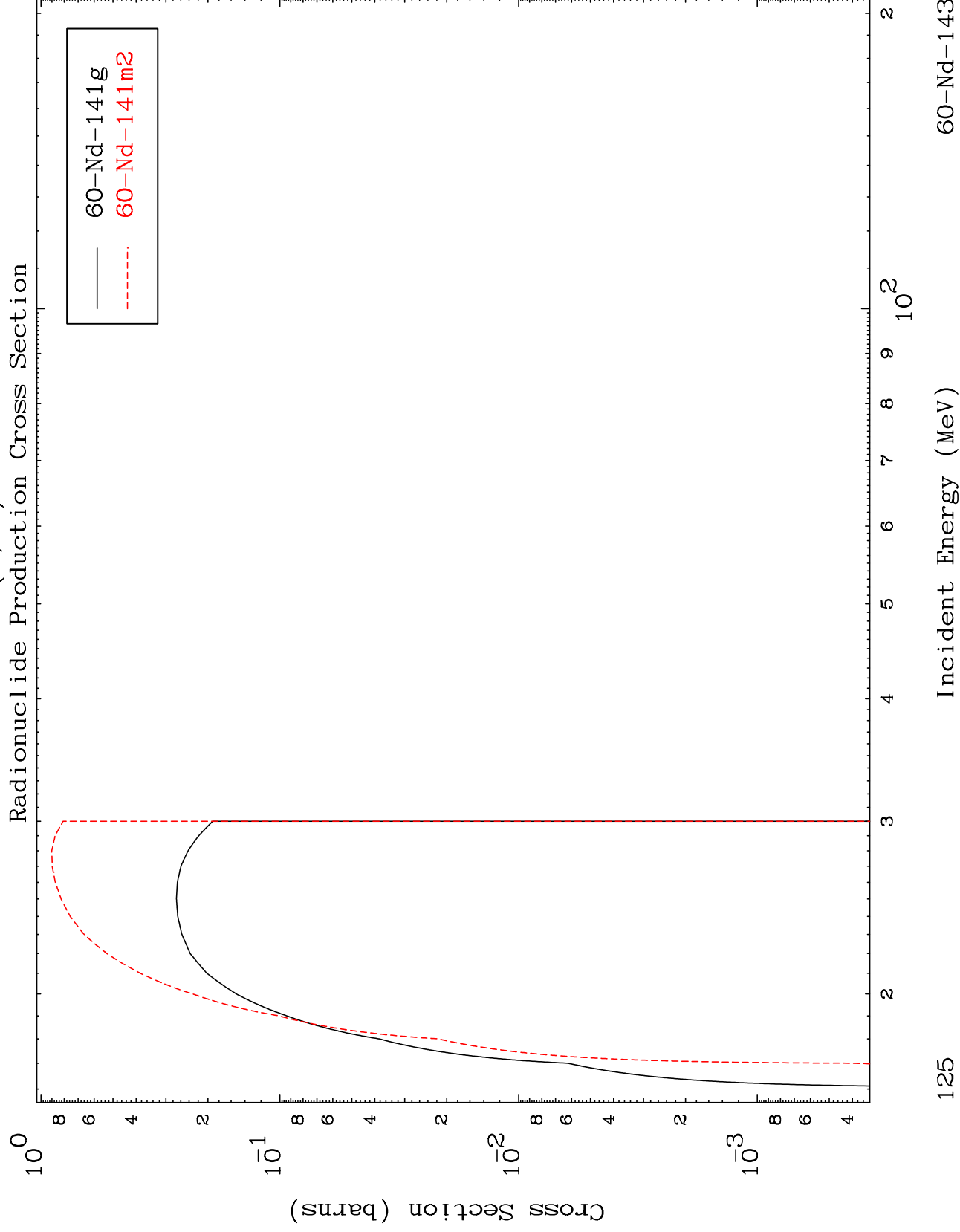




MAT 6028

(n,3n)

60-Nd-143



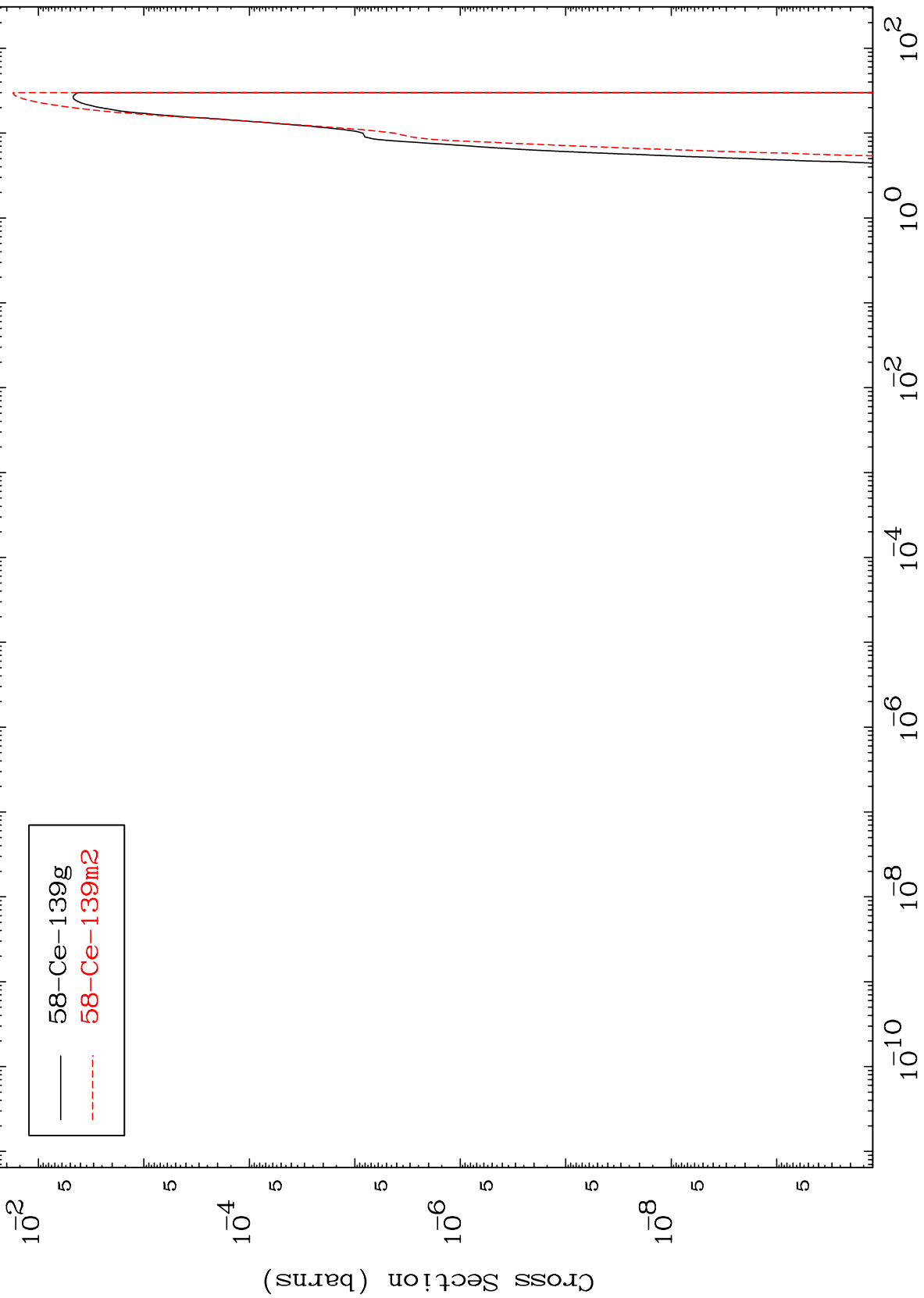
125

MAT 6028

(n, n') α

60-Nd-143

Radionuclide Production Cross Section

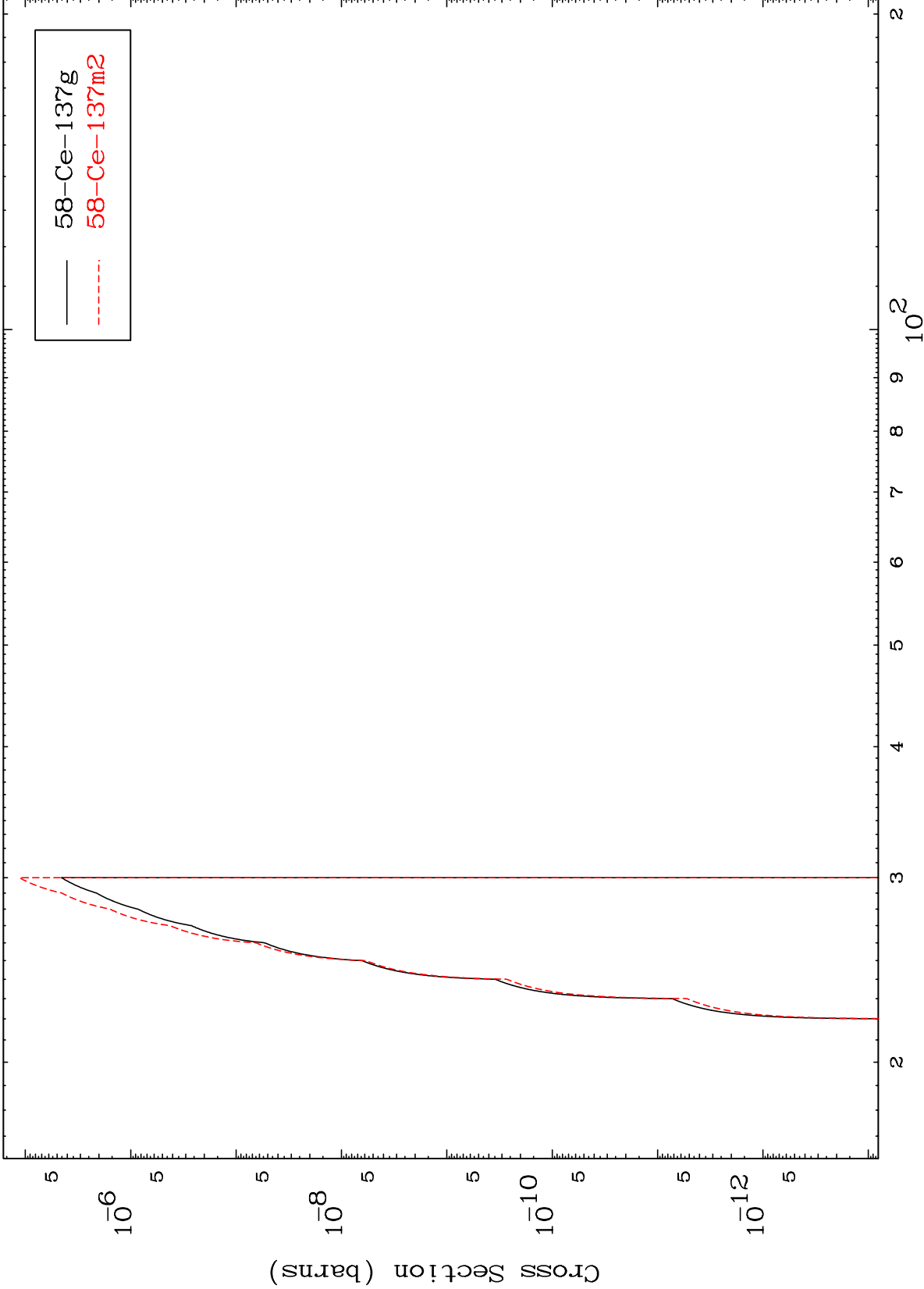


126

Incident Energy (MeV)

60-Nd-143

Radionuclide Production Cross Section

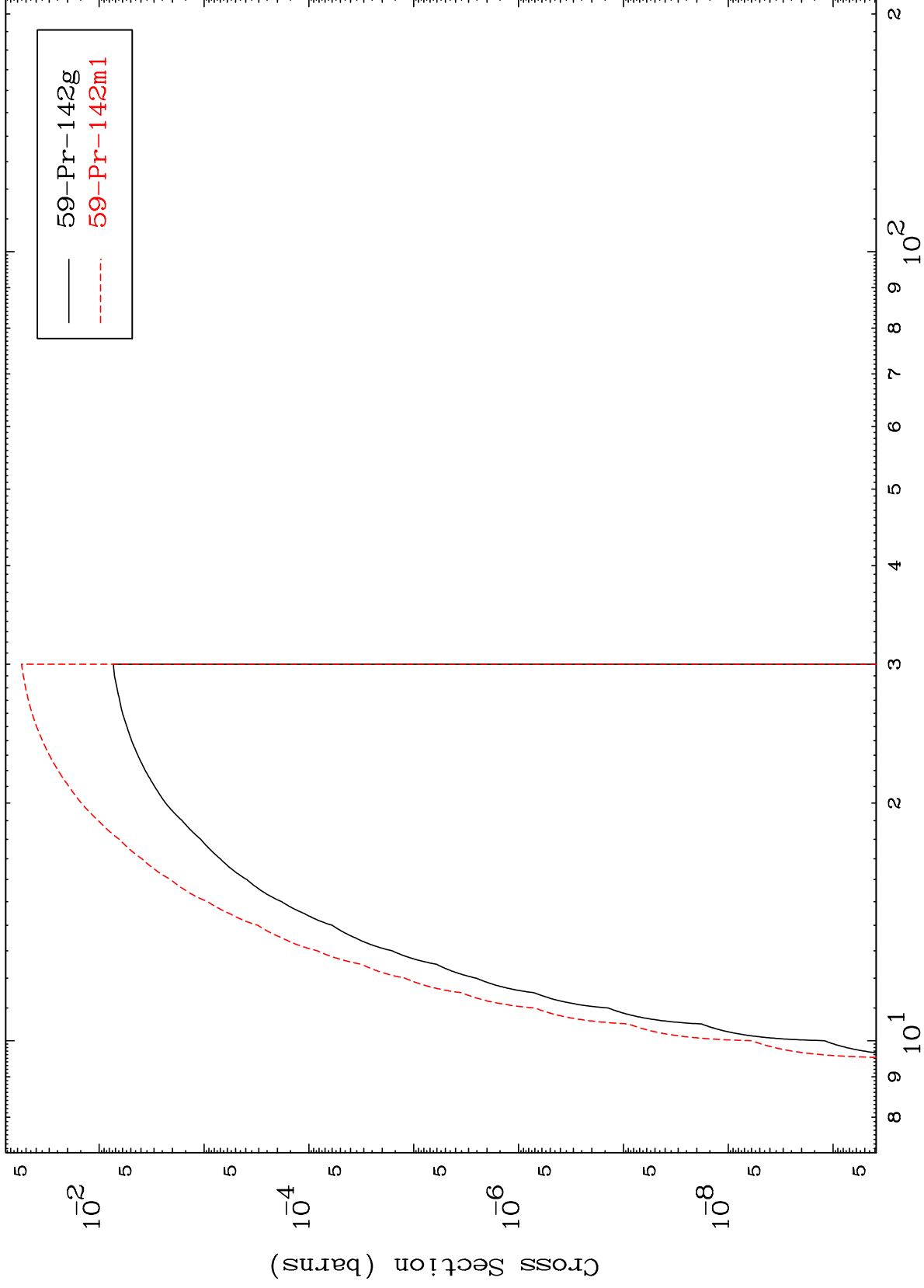


MAT 6028

(n,n') p

60-Nd-143

Radionuclide Production Cross Section



128

Incident Energy (MeV)

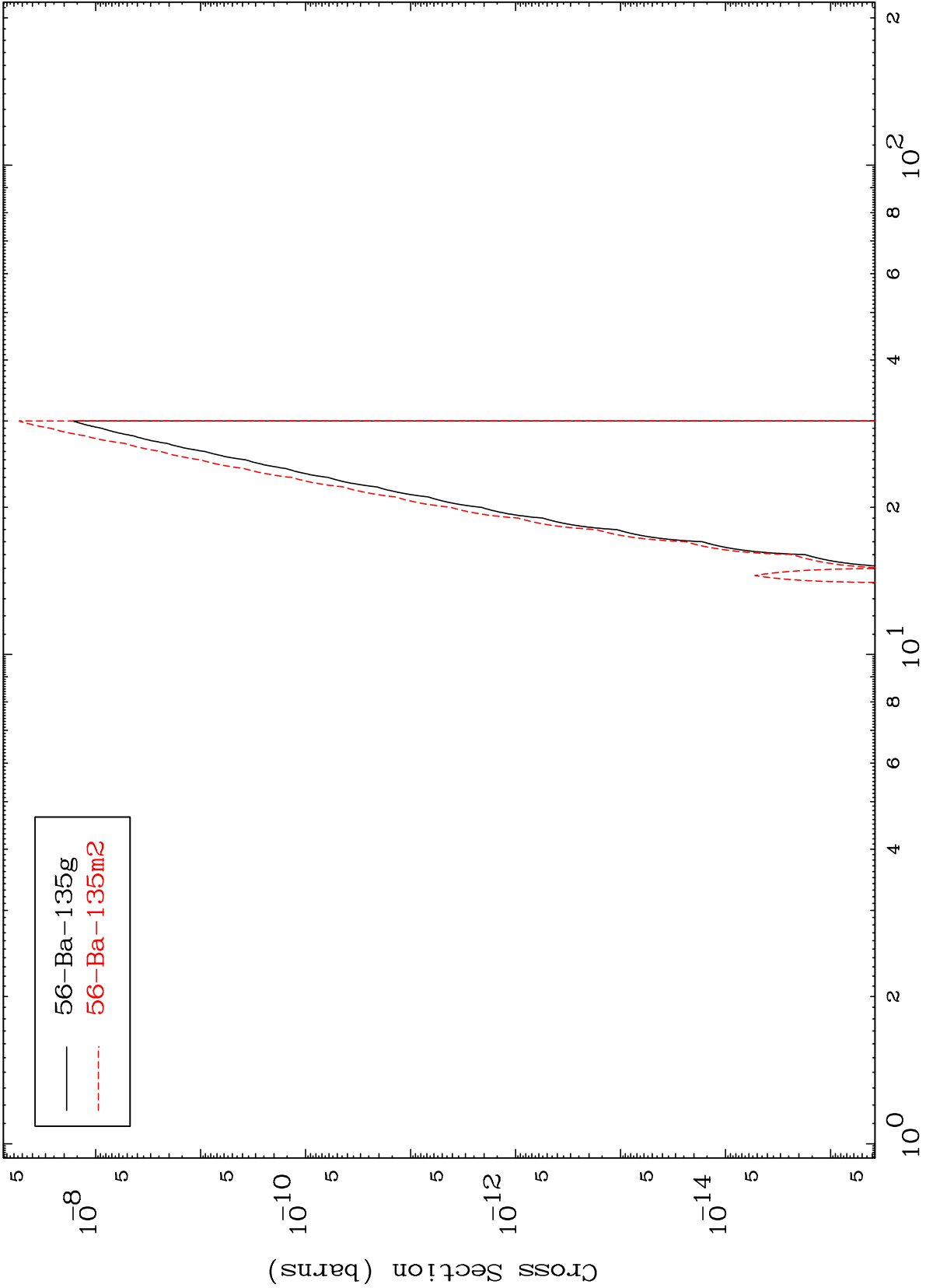
60-Nd-143

MAT 6028

(n,n') 2α

60-Nd-143

Radionuclide Production Cross Section



56-Ba-135g
56-Ba-135m2

129

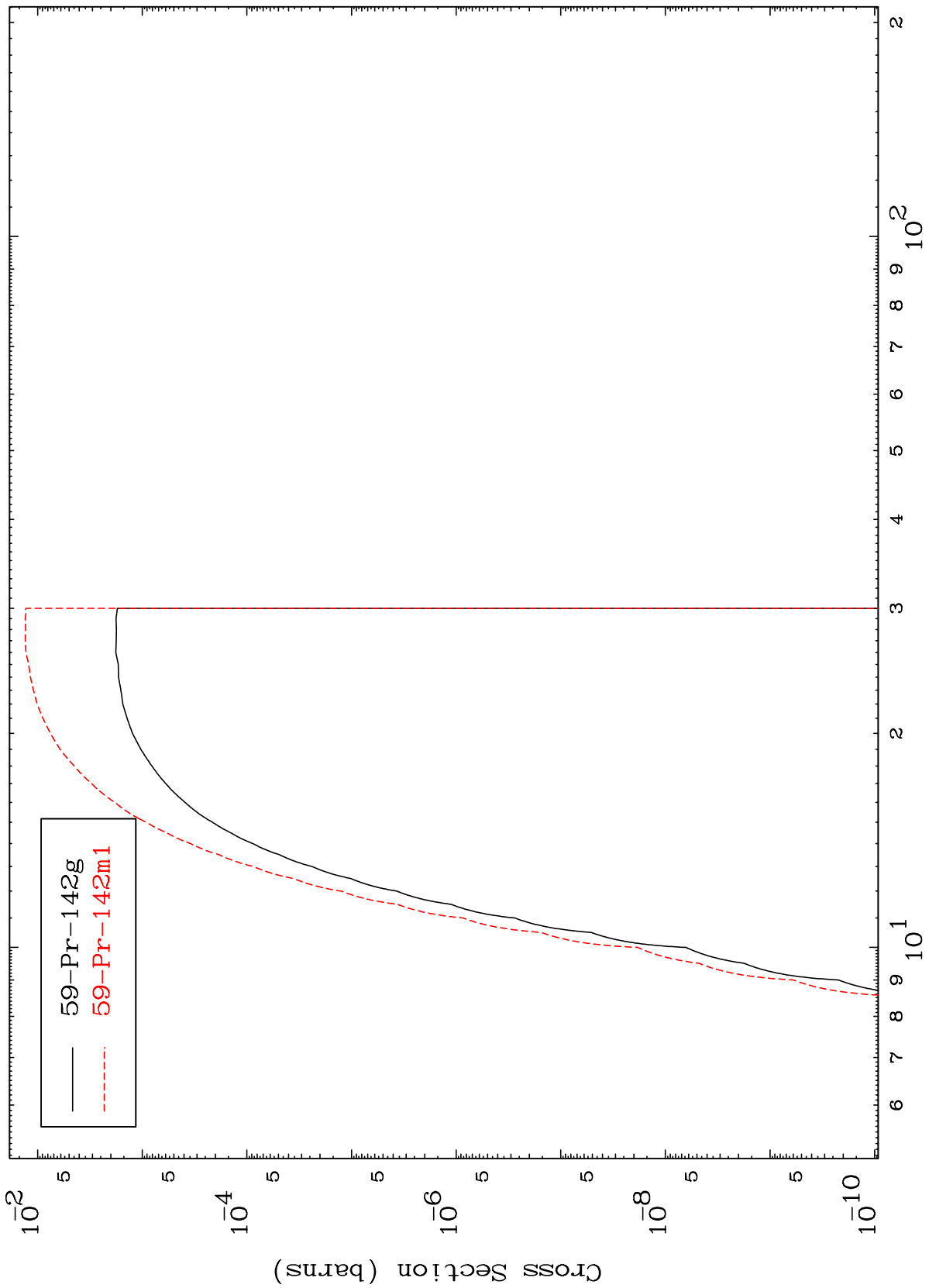
Incident Energy (MeV)

60-Nd-143

MAT 6028

60-Nd-143

(n,d)
Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1

130

Incident Energy (MeV)

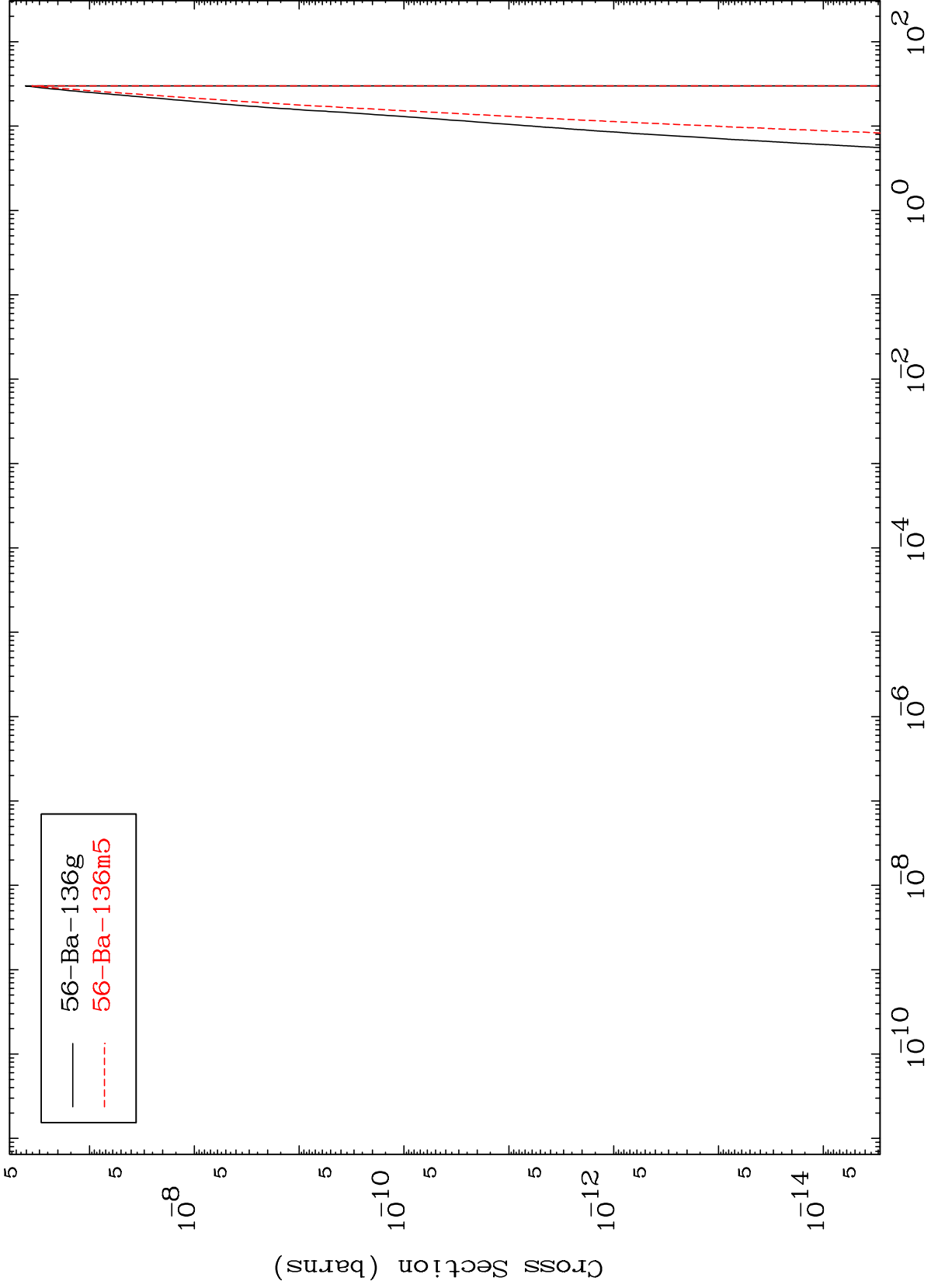
60-Nd-143

MAT 6028

(n,2α)

60-Nd-143

Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

131

Incident Energy (MeV)

60-Nd-143