

Program EVALPLOT
(Version 2021-1)

by

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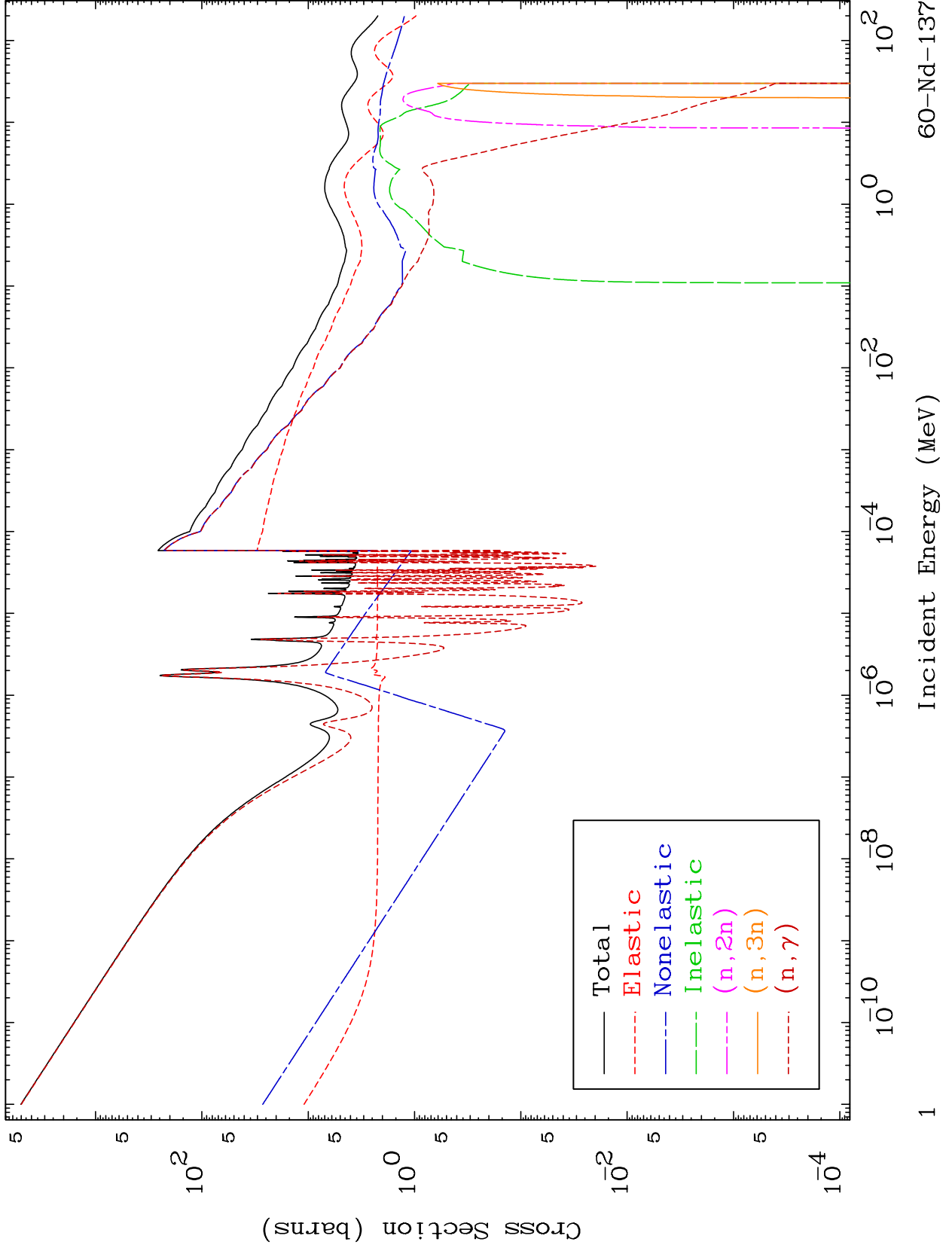
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6010

Neutron Major
293 Kelvin Cross Sections

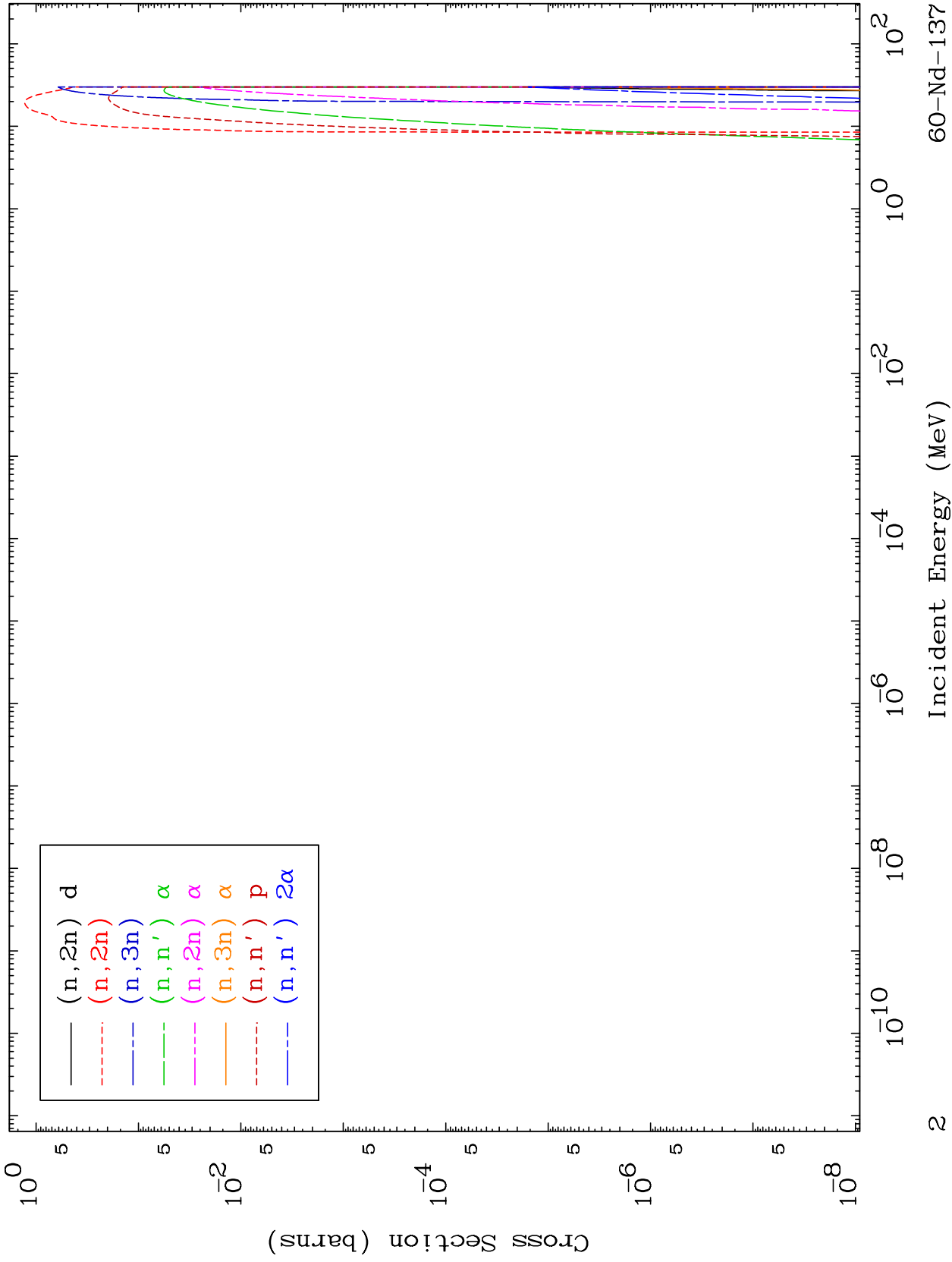
60-Nd-137



MAT 6010

Neutron Absorption
293 Kelvin Cross Sections

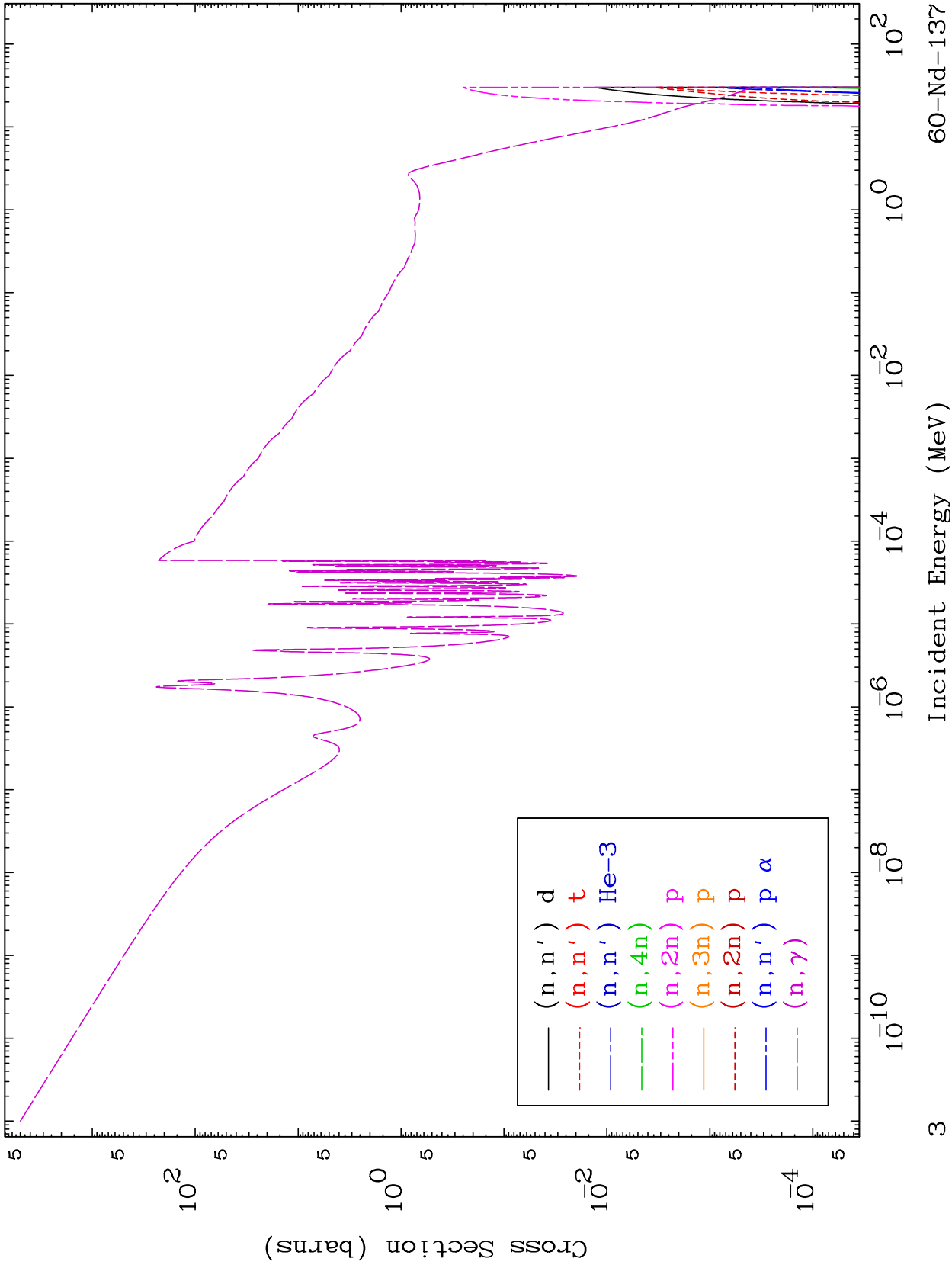
60-Nd-137



MAT 6010

Neutron Absorption
293 Kelvin Cross Sections

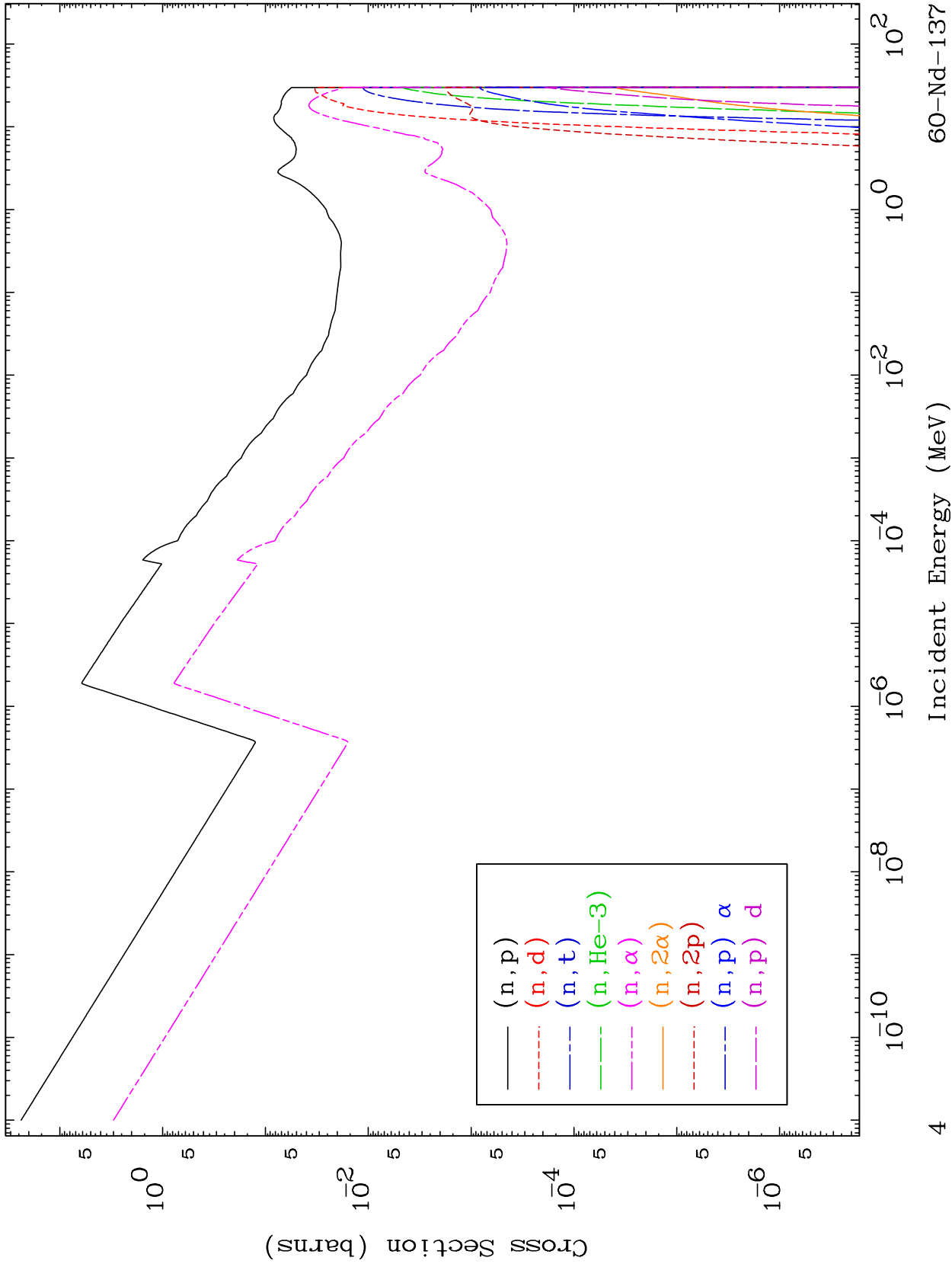
60-Nd-137



MAT 6010

Neutron Absorption
293 Kelvin Cross Sections

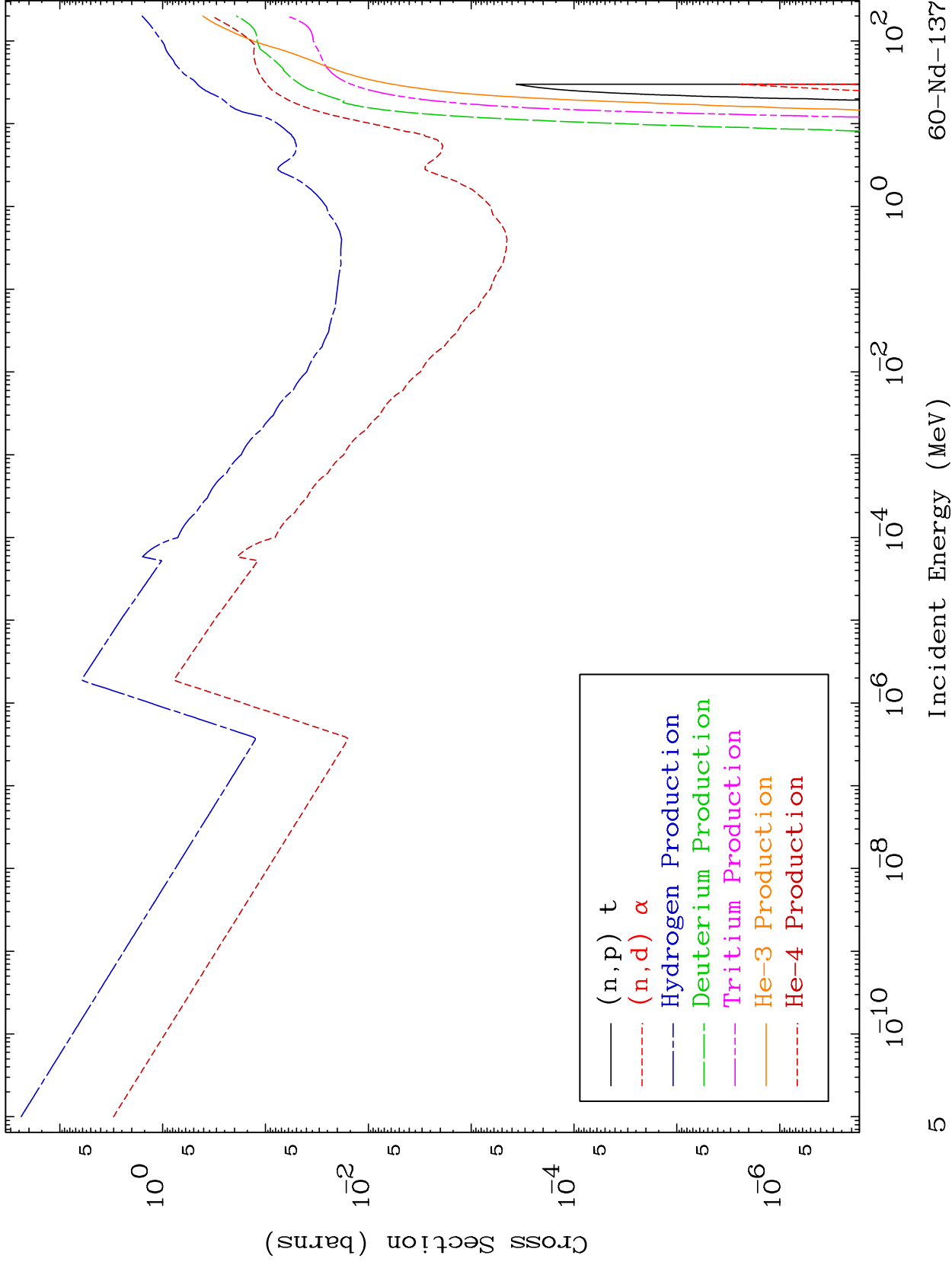
60-Nd-137



MAT 6010

Neutron Absorption
293 Kelvin Cross Sections

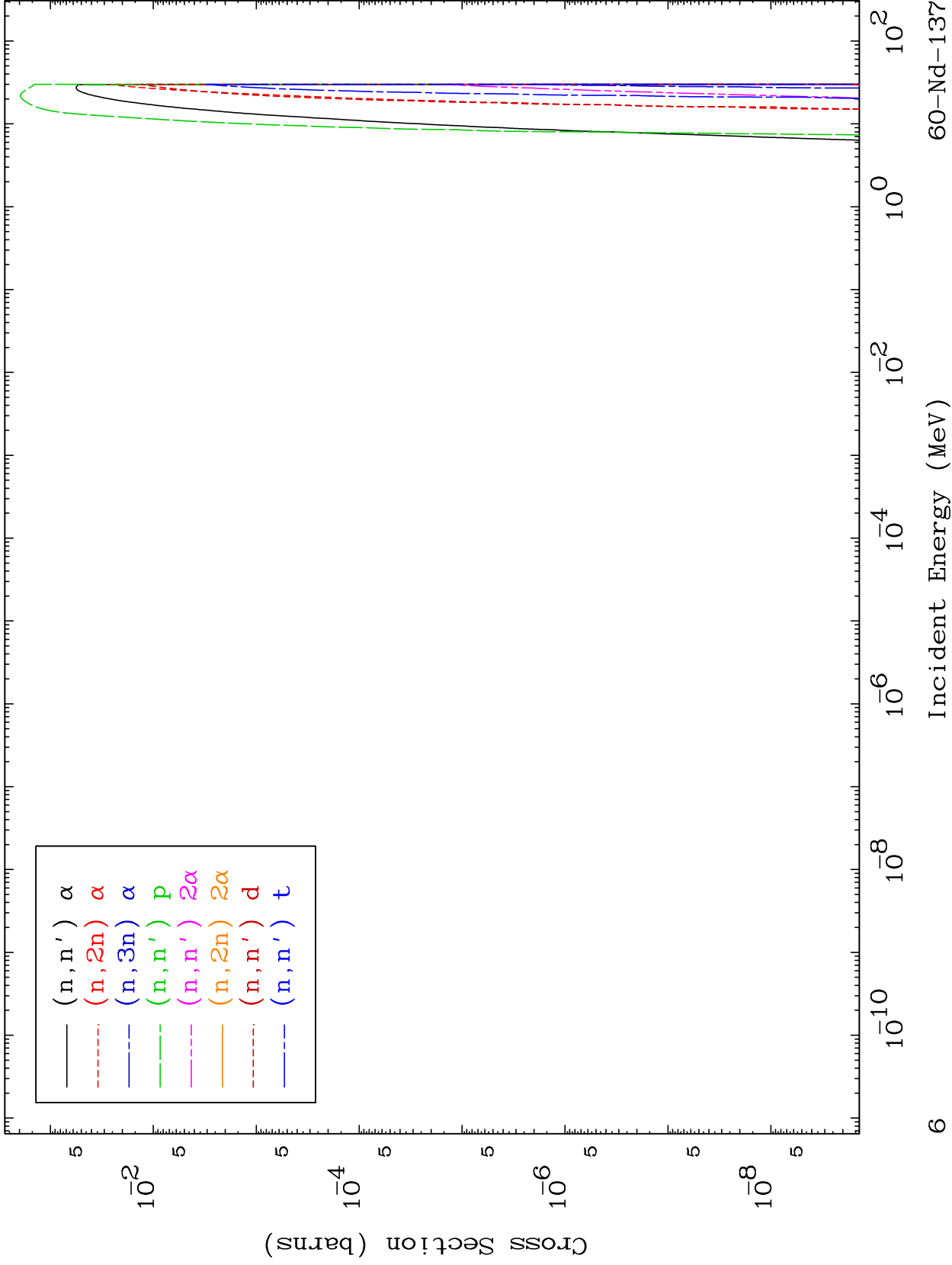
60-Nd-137



MAT 6010

Charged Particle
293 Kelvin Cross Sections

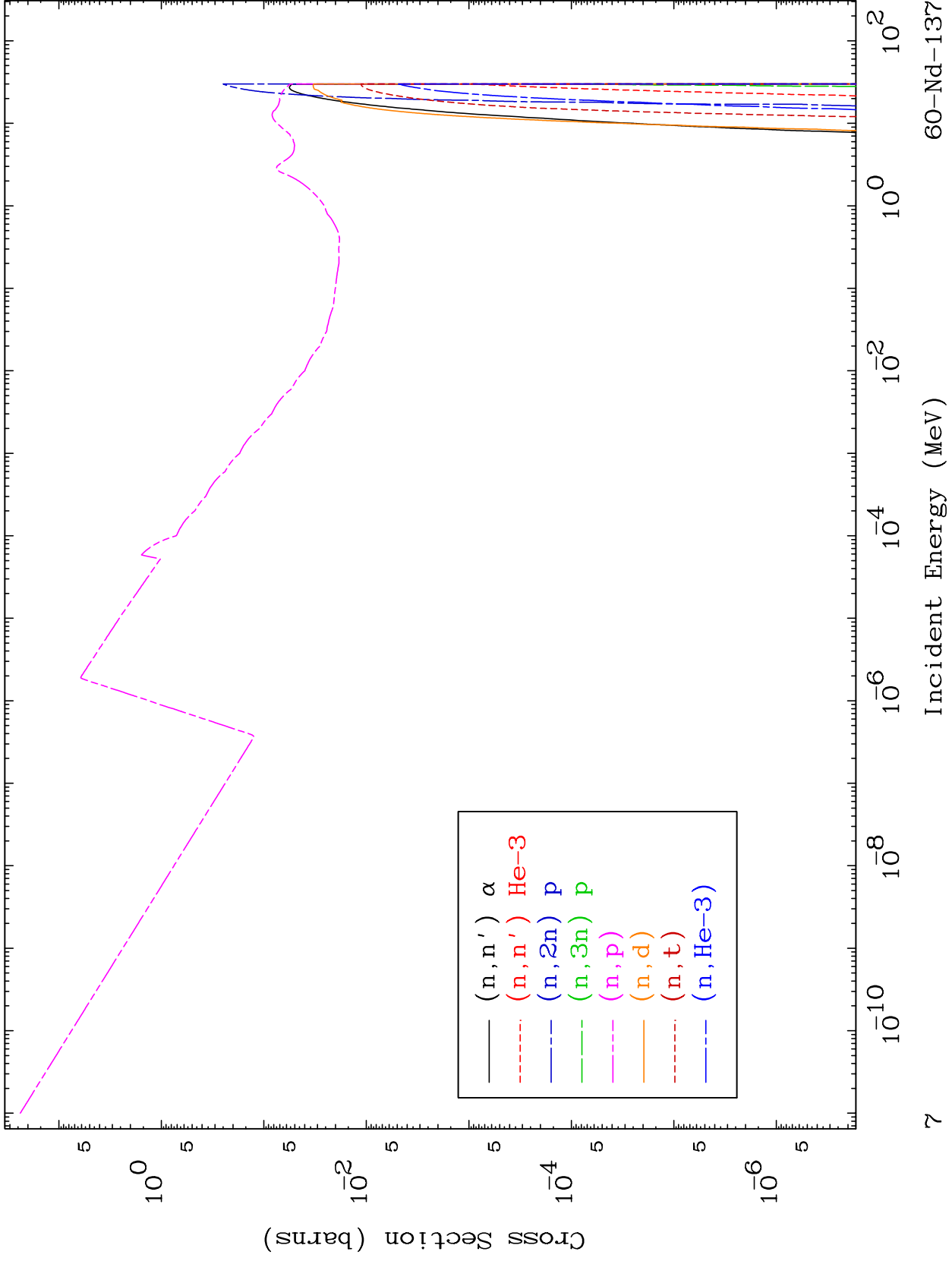
60-Nd-137



MAT 6010

Charged Particle
293 Kelvin Cross Sections

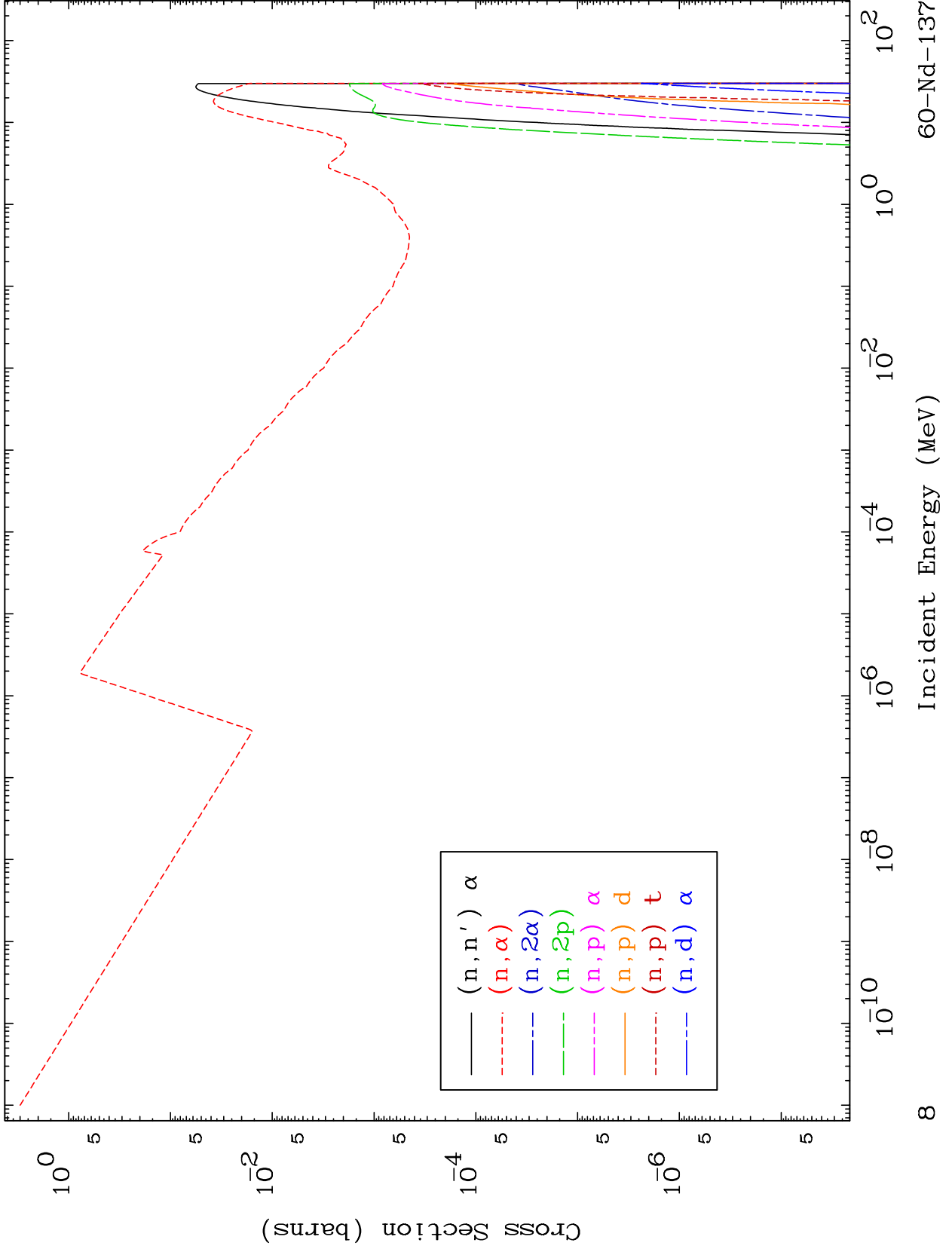
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MAT 6010

Charged Particle
293 Kelvin Cross Sections

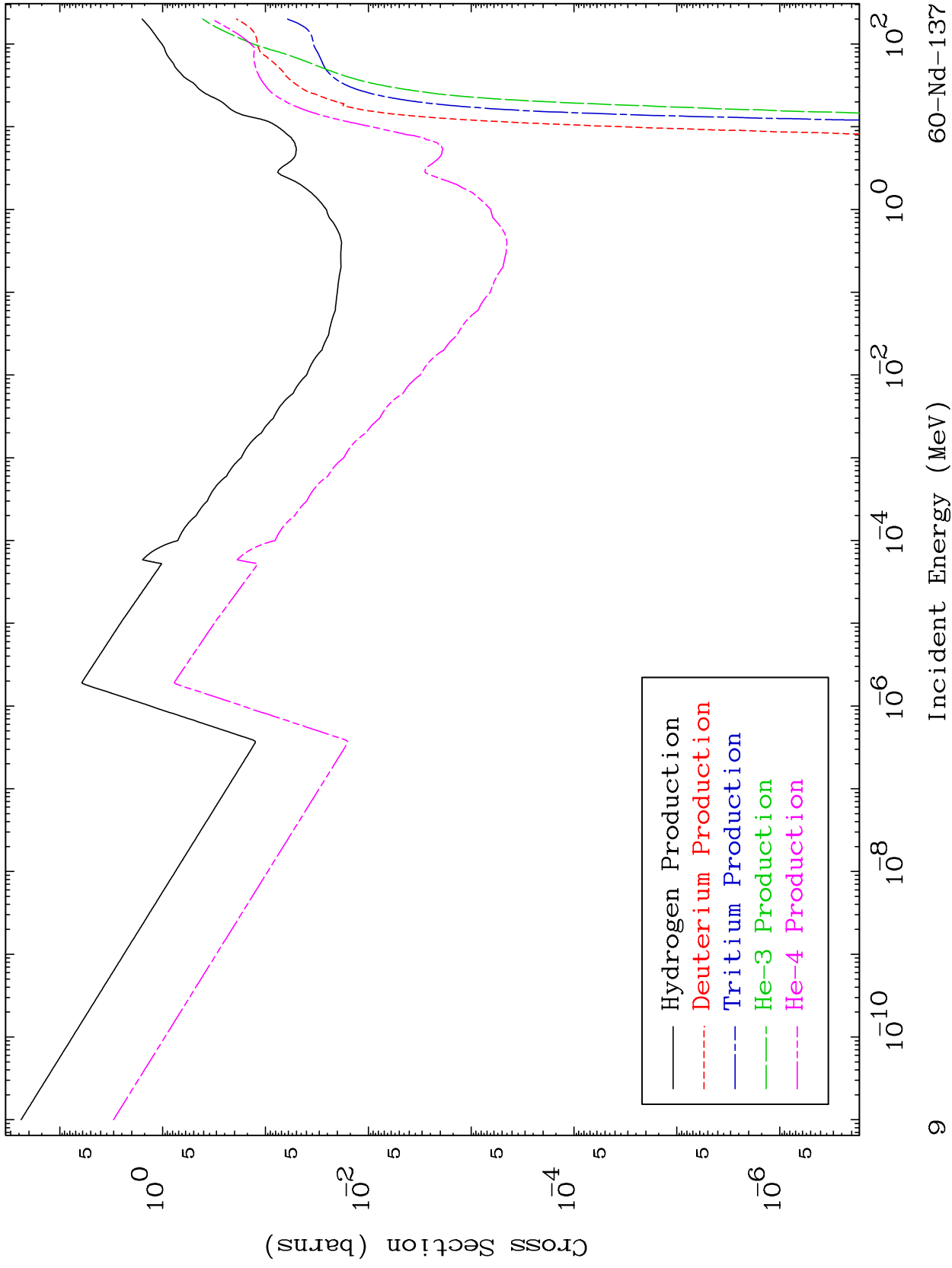
60-Nd-137



MAT 6010

Particle Production
293 Kelvin Cross Sections

60-Nd-137

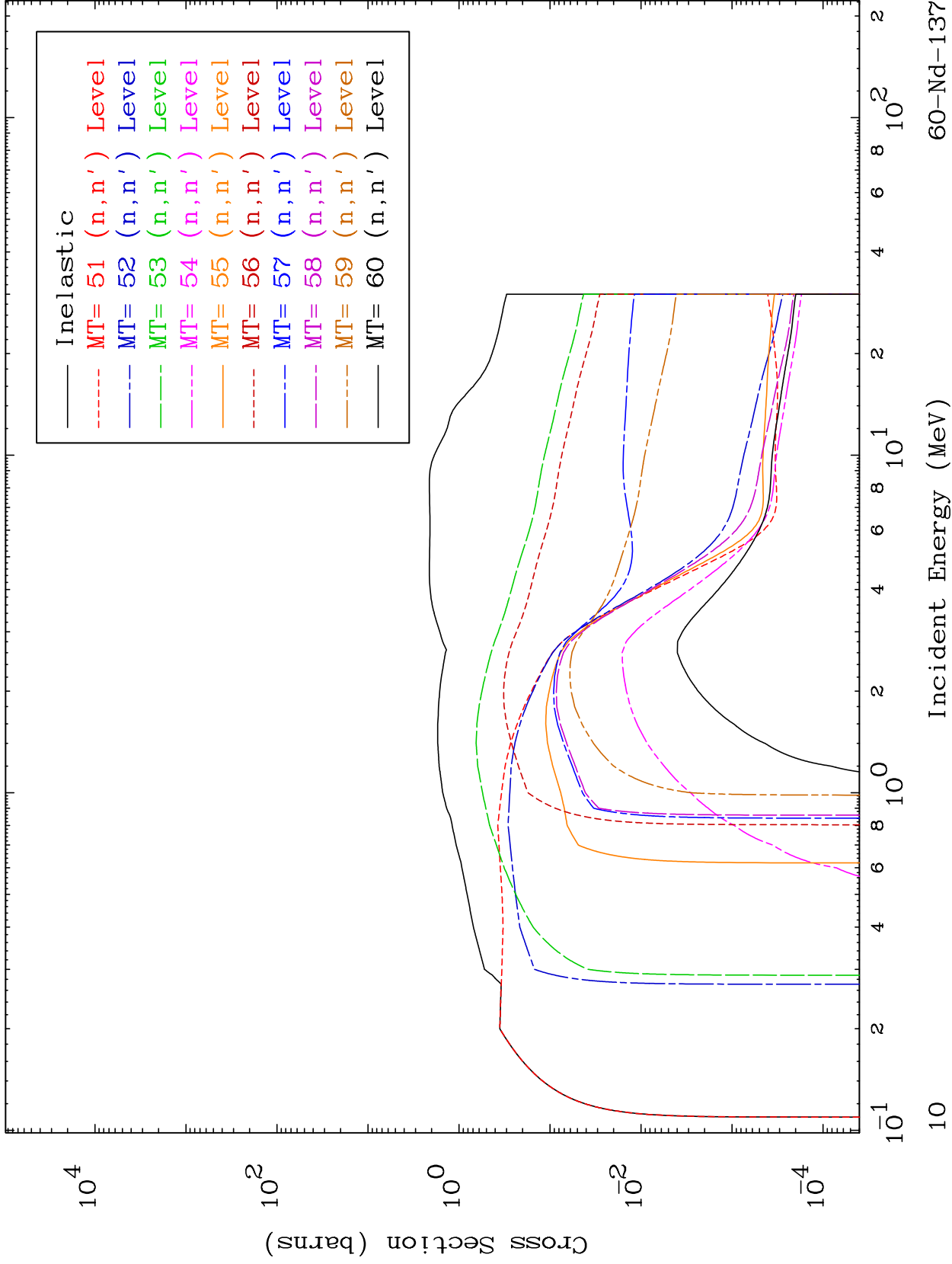


MAT 6010

(n,n') Levels

60-Nd-137

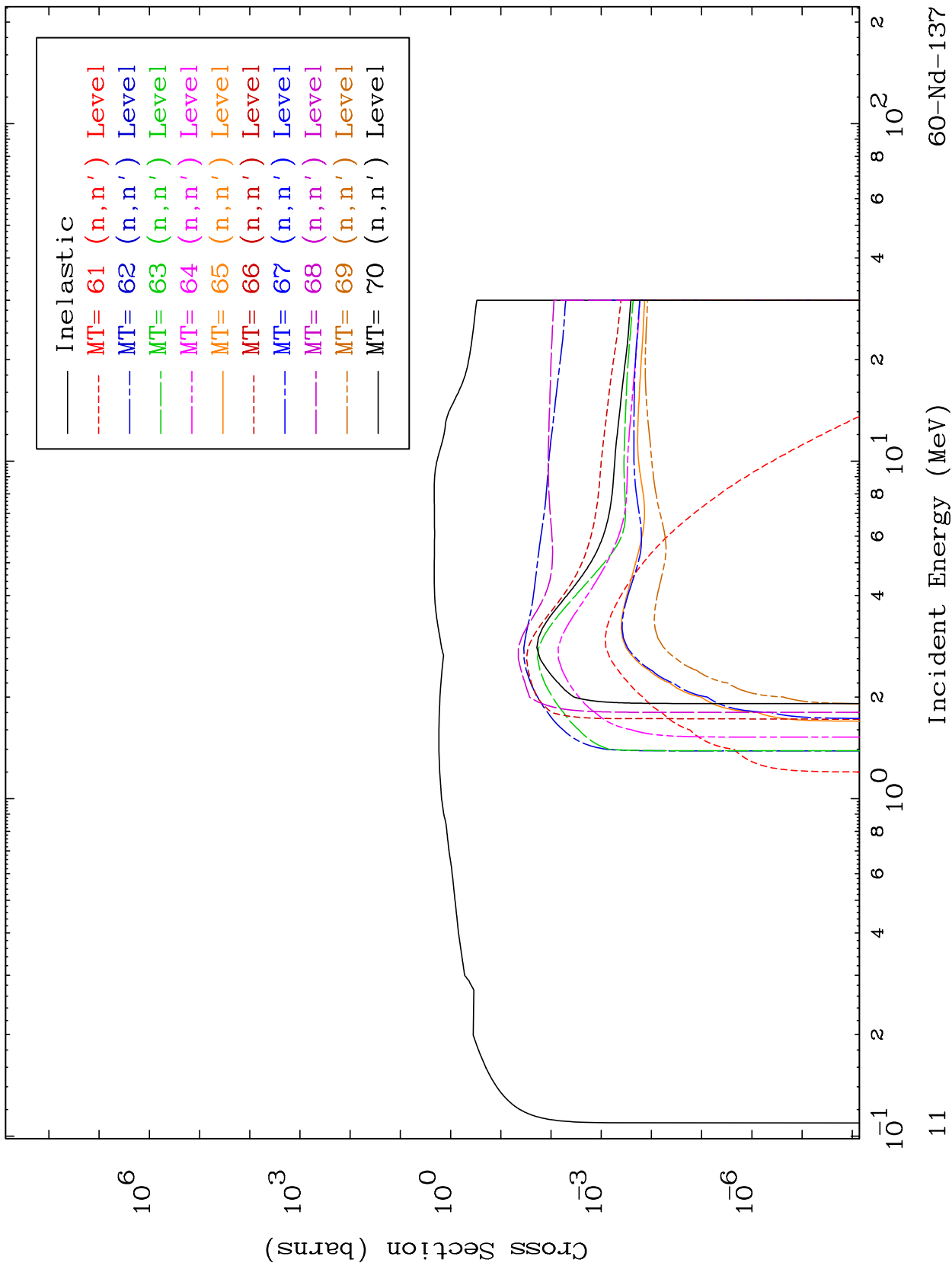
293 Kelvin Cross Sections



MAT 6010

(n,n') Levels
293 Kelvin Cross Sections

60-Nd-137



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Incident Energy (MeV)

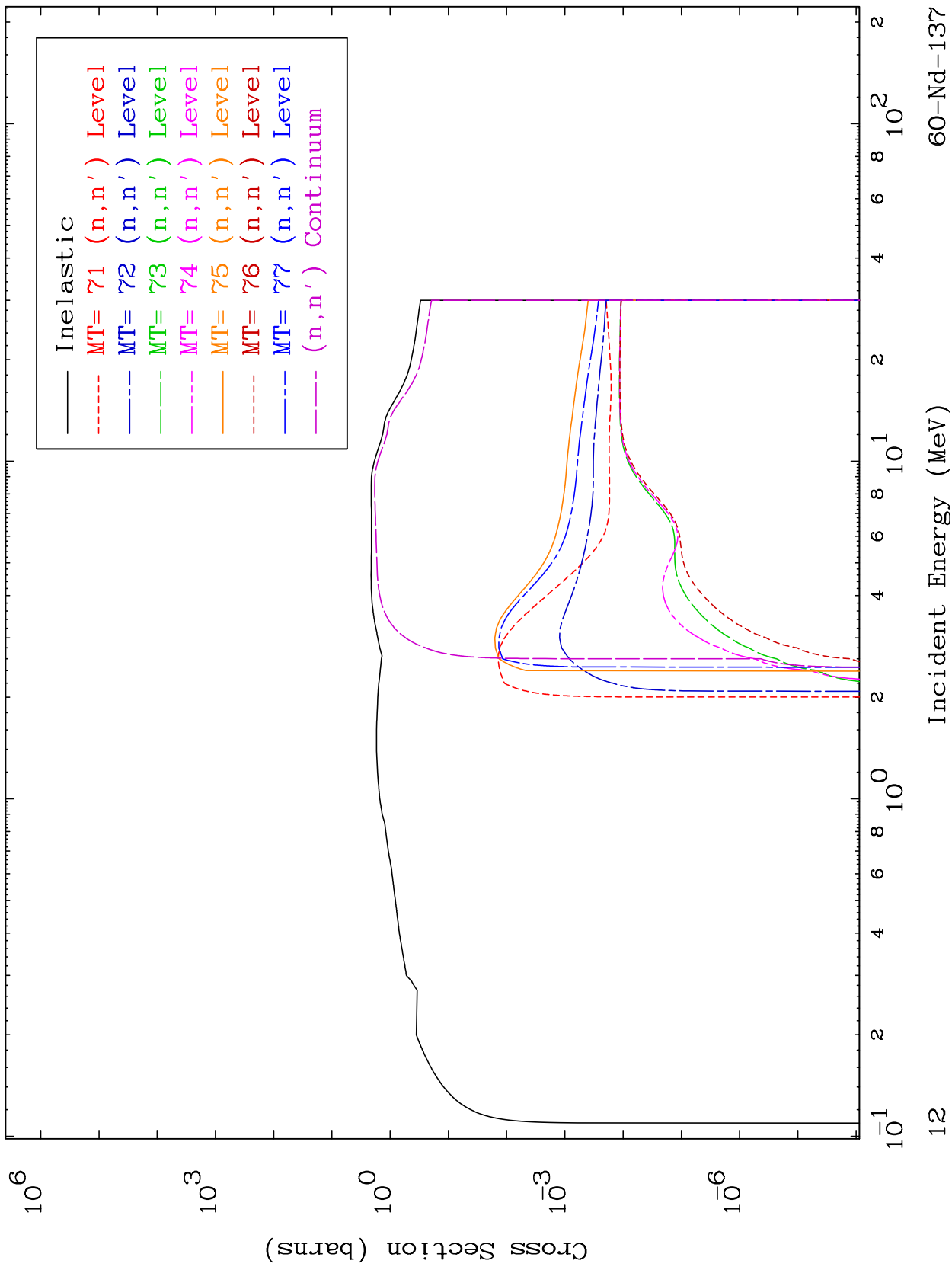
60-Nd-137

MAT 6010

(n,n') Levels

60-Nd-137

293 Kelvin Cross Sections

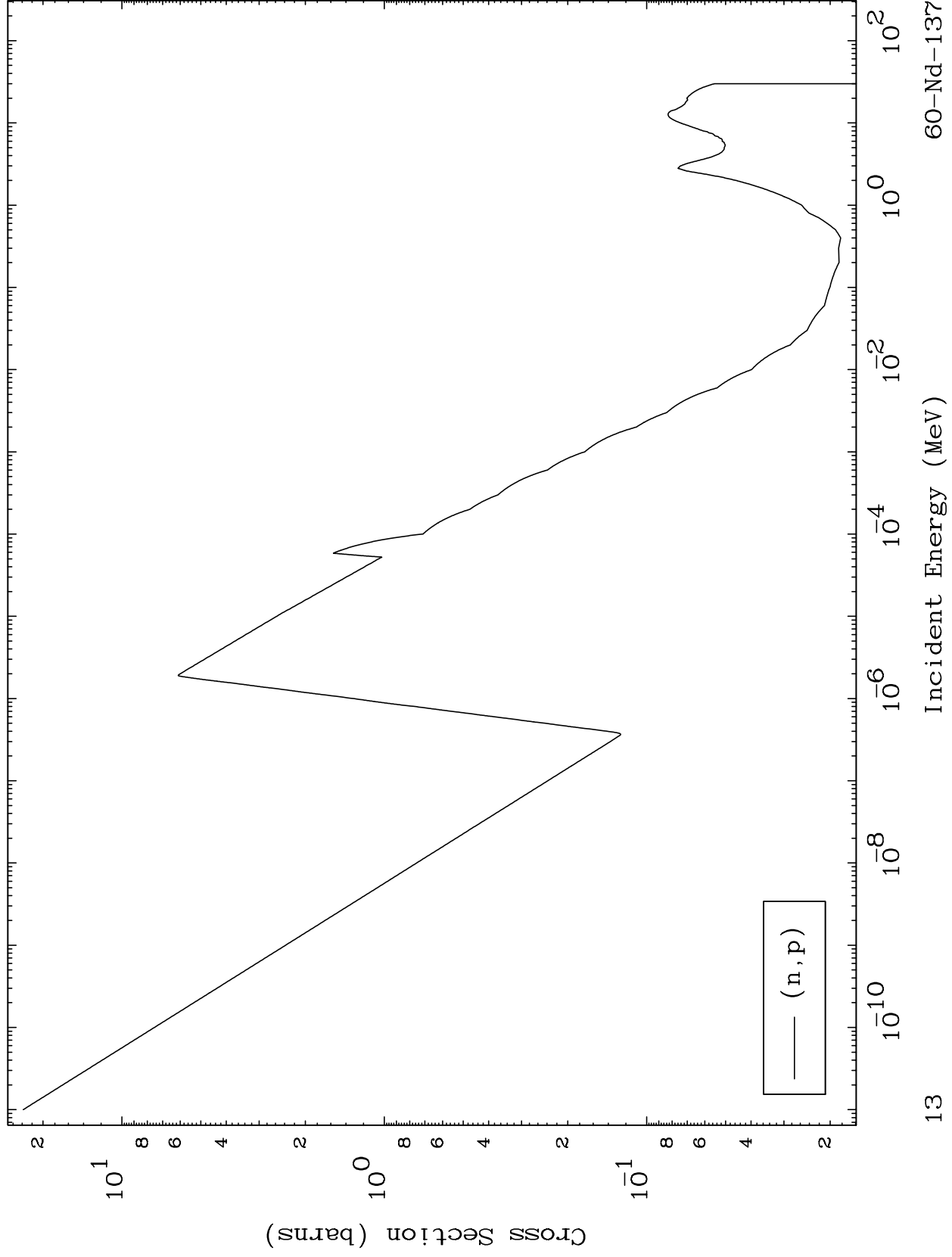


12

MAT 6010

(n,p) Levels
293 Kelvin Cross Sections

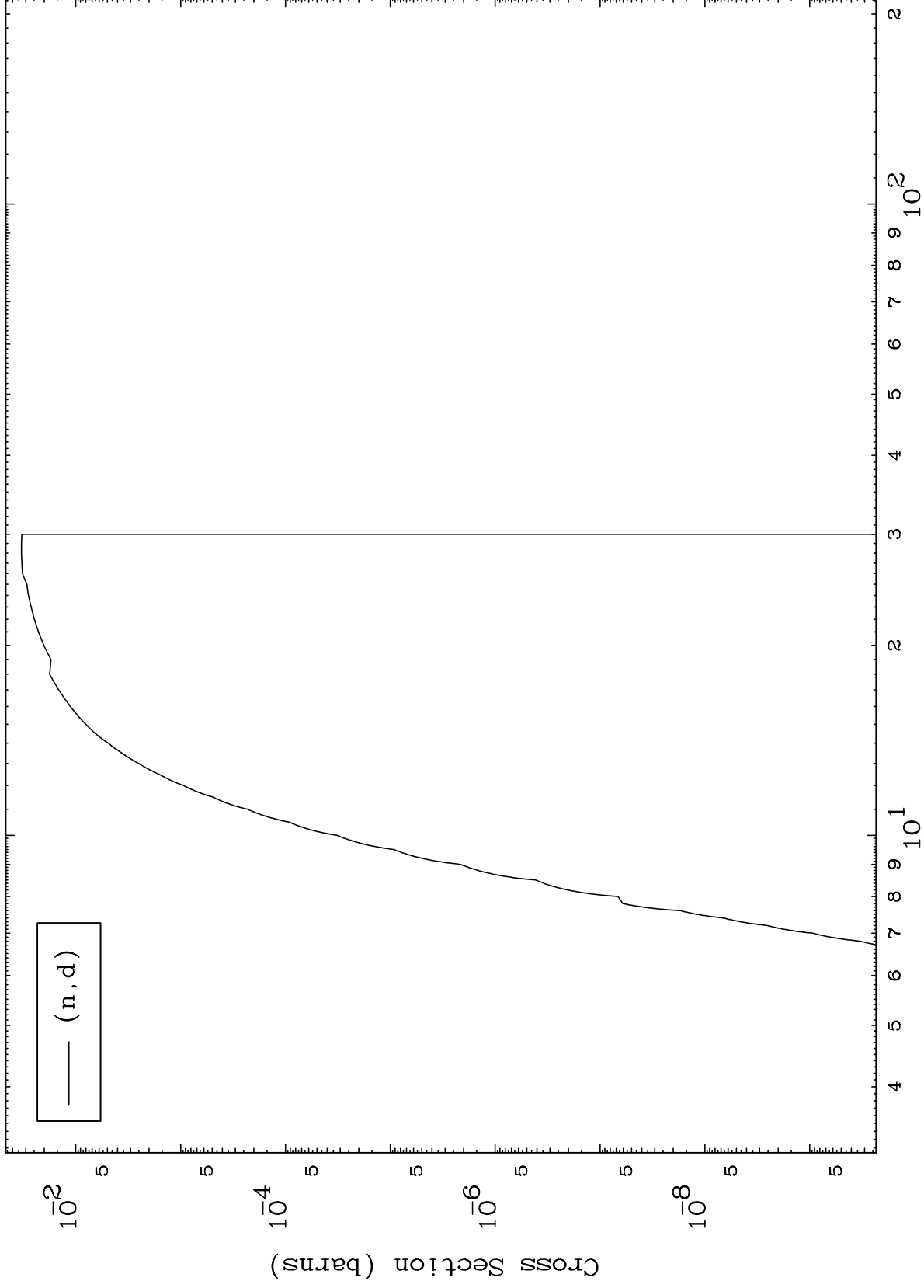
60-Nd-137



MAT 6010

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-137



14

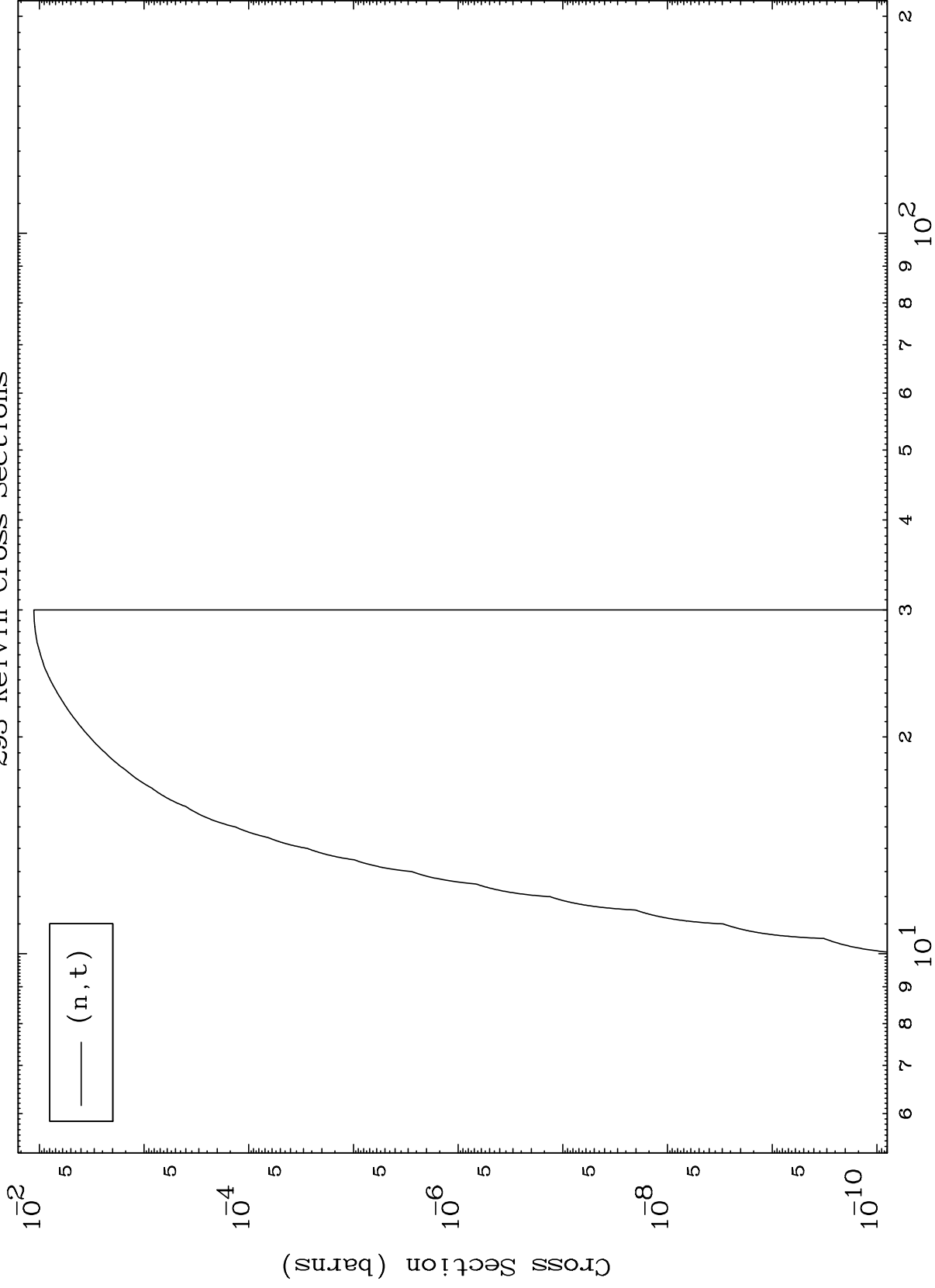
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-137



15

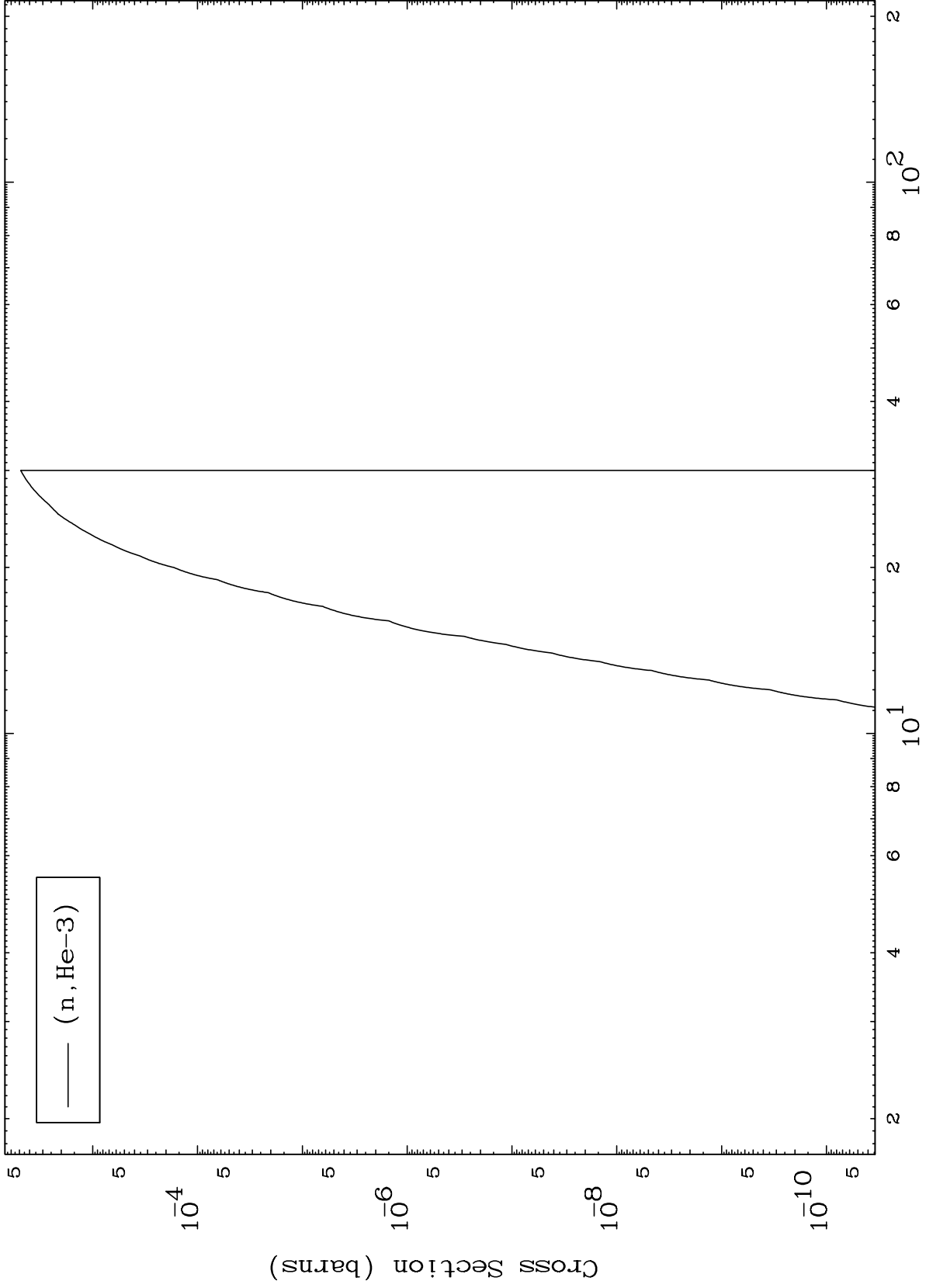
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-137



16

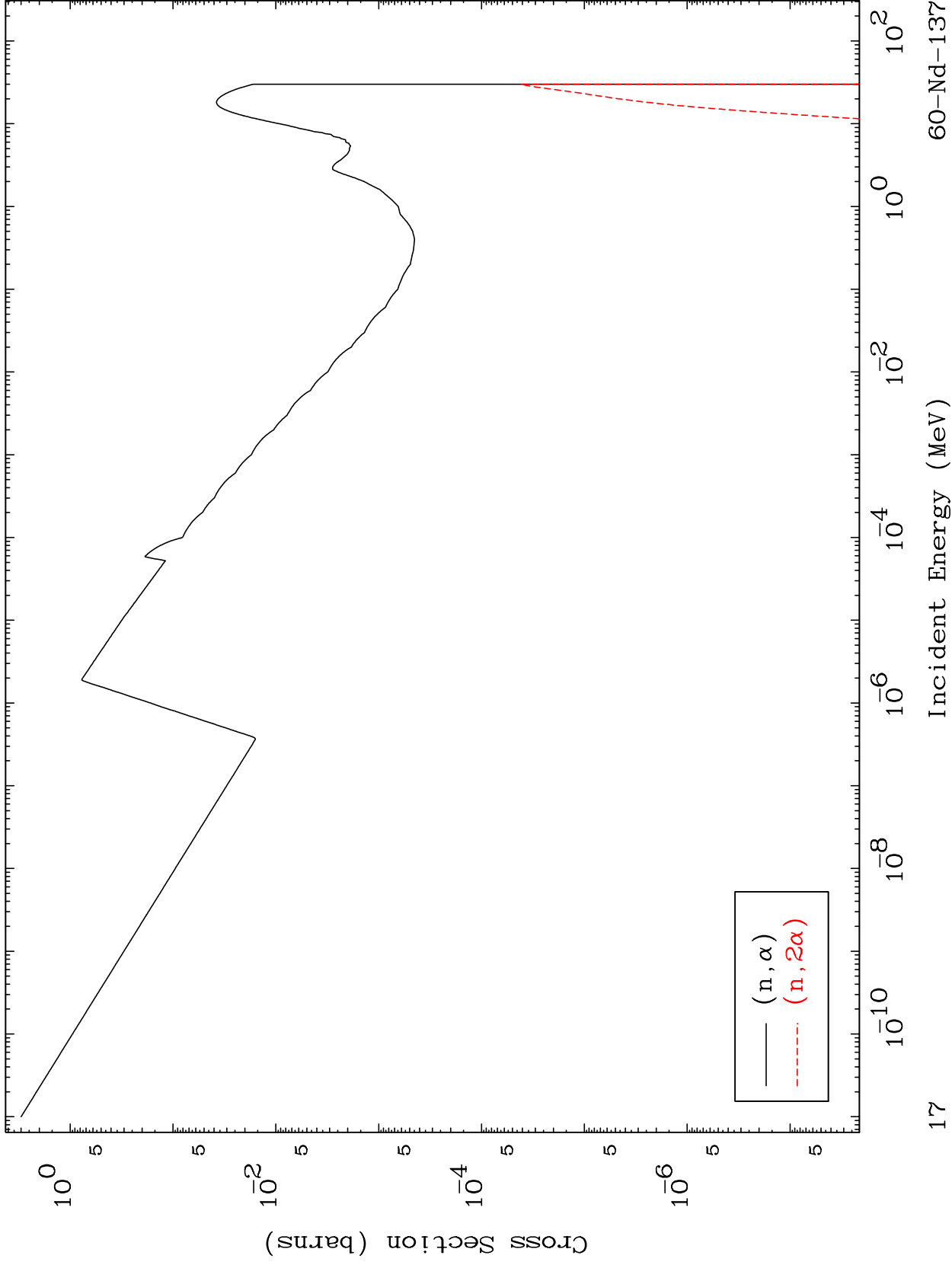
Incident Energy (MeV)

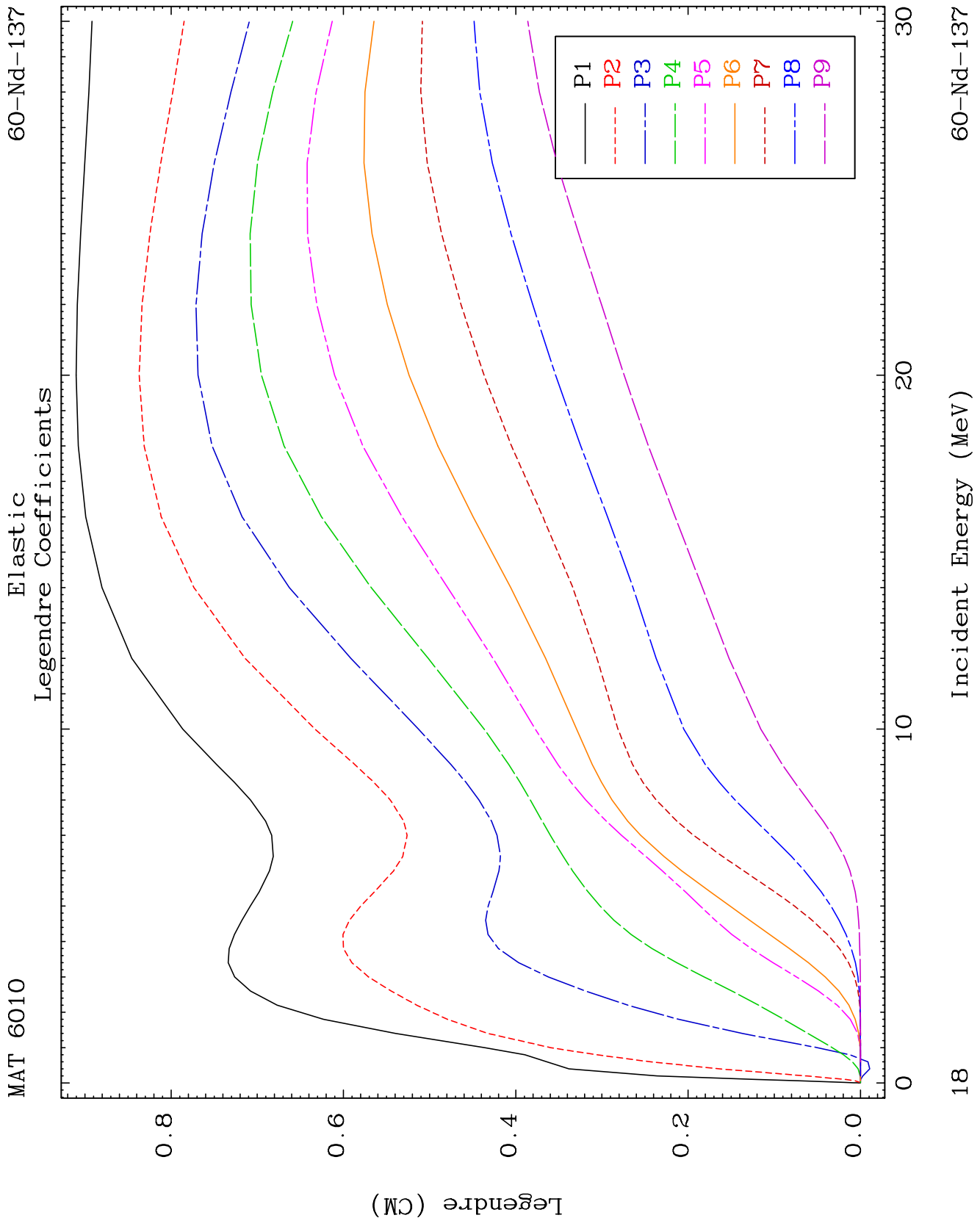
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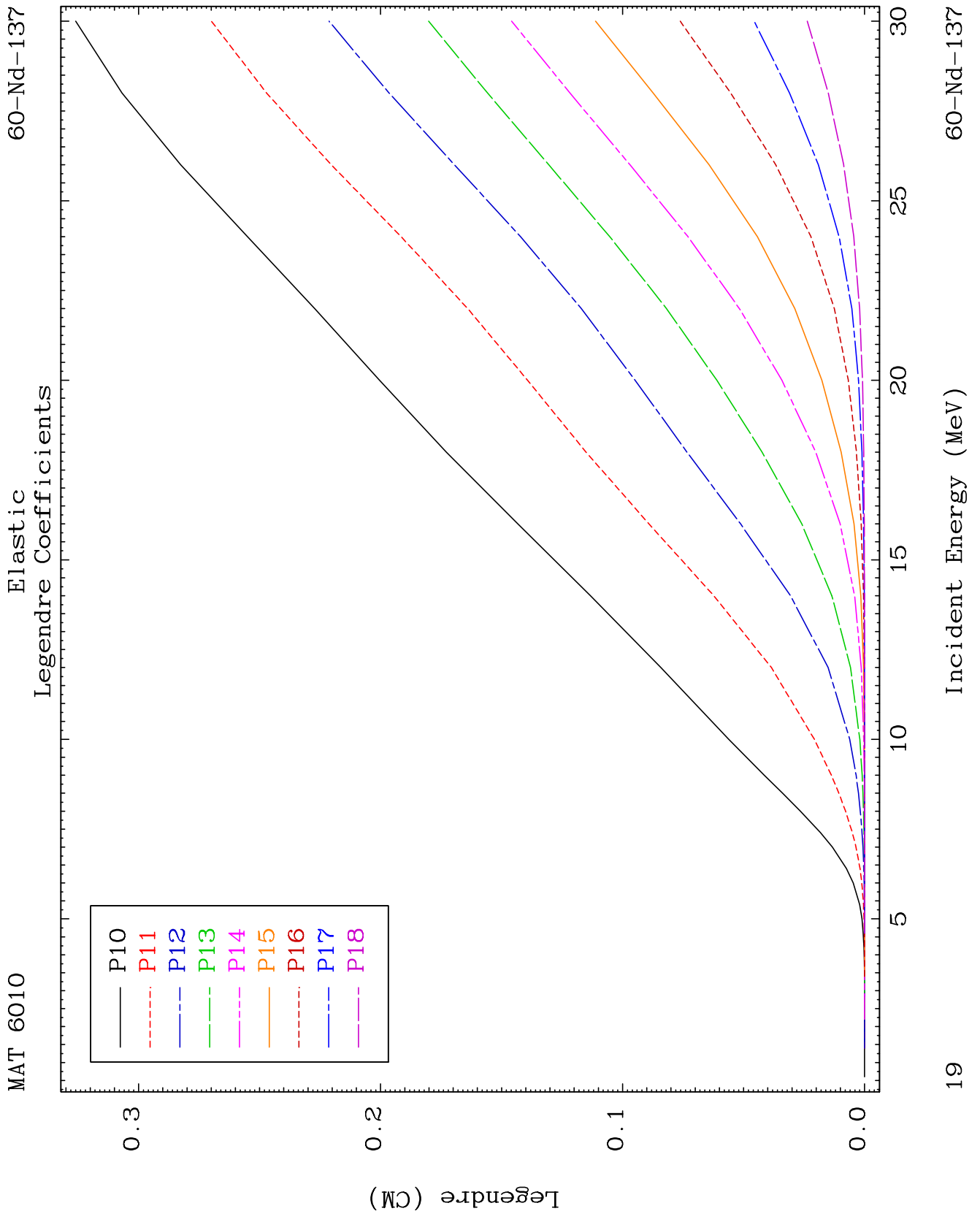
MAT 6010

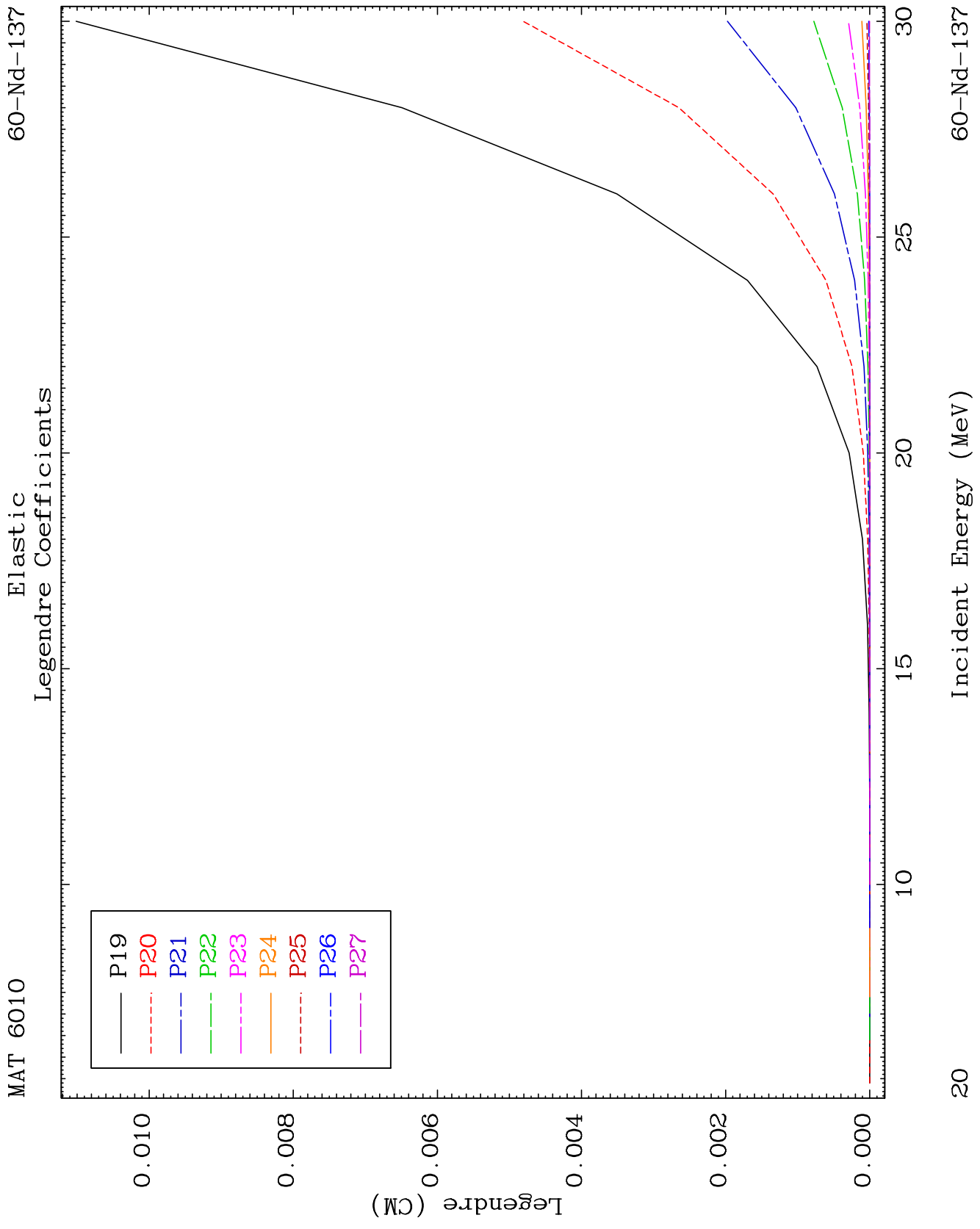
(n, α) Levels
293 Kelvin Cross Sections

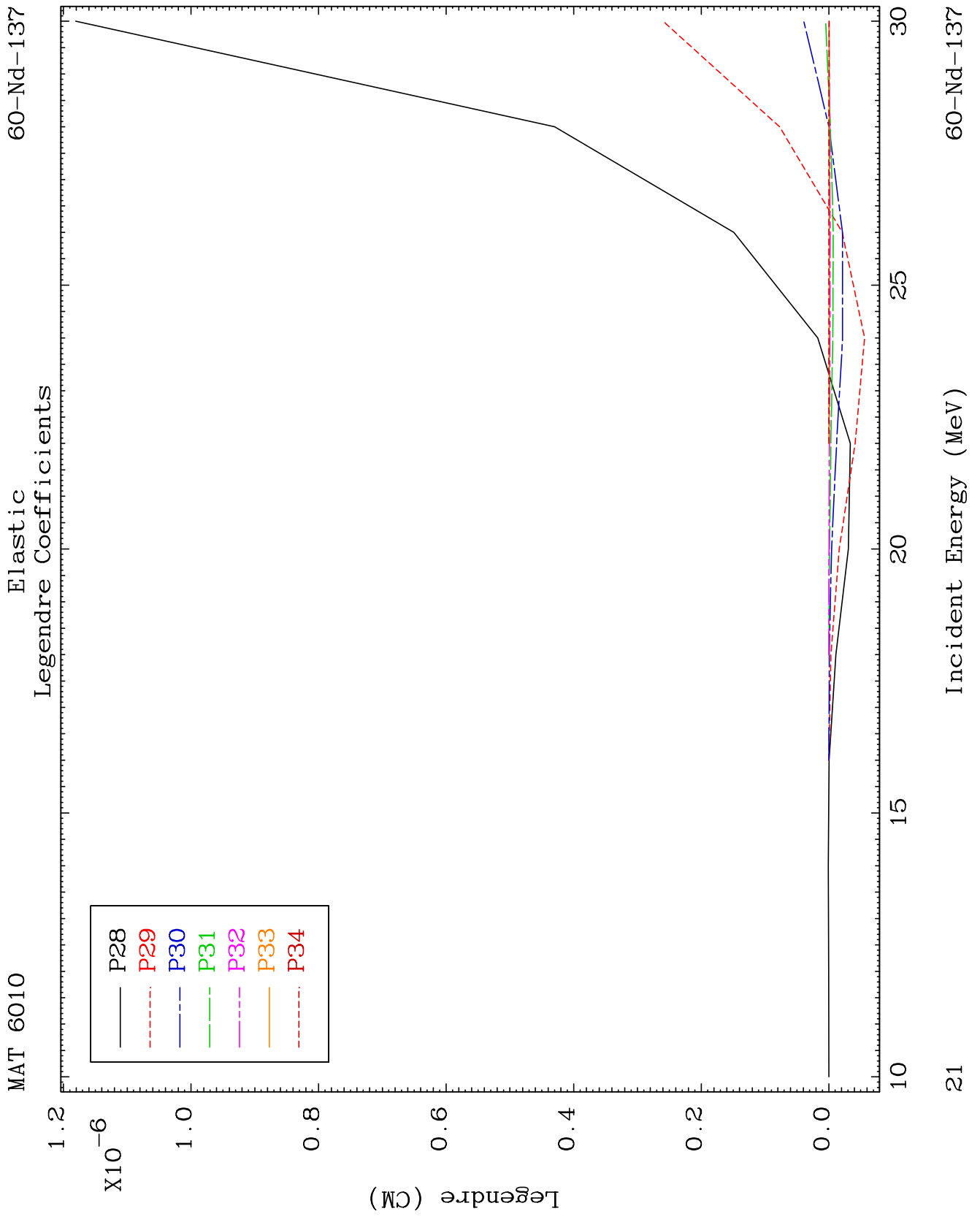
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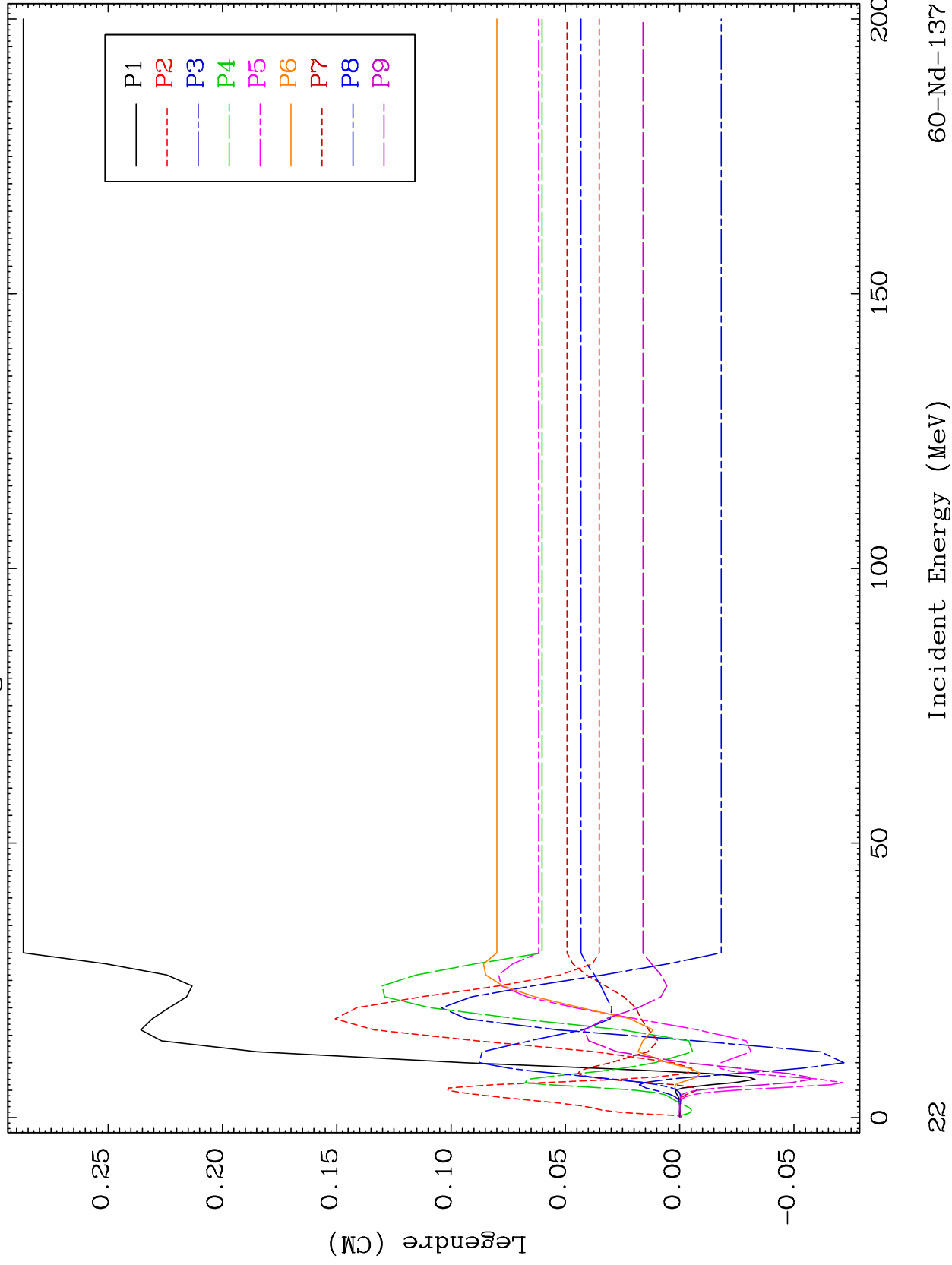




MAT 6010

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

60-Nd-137

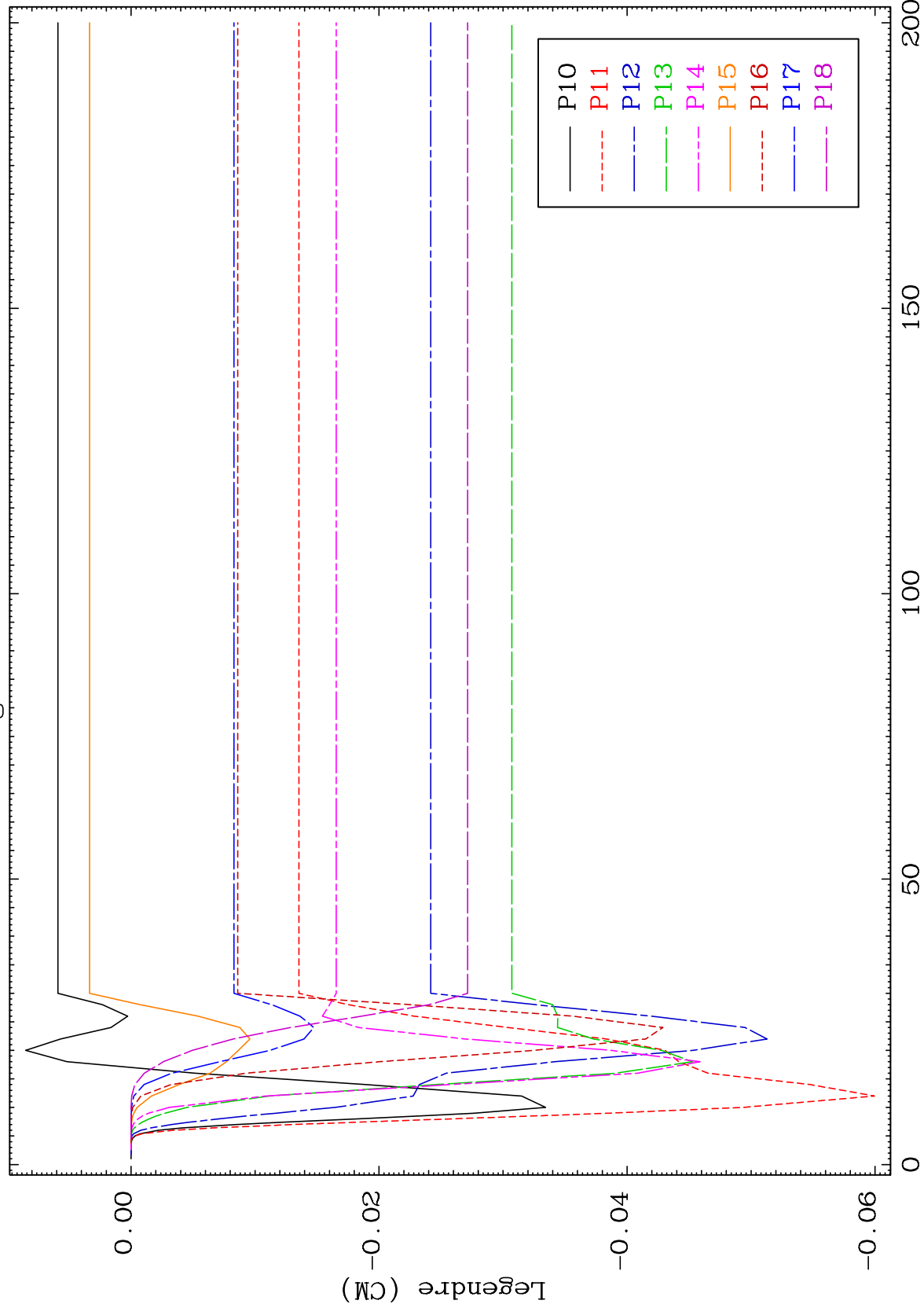


22

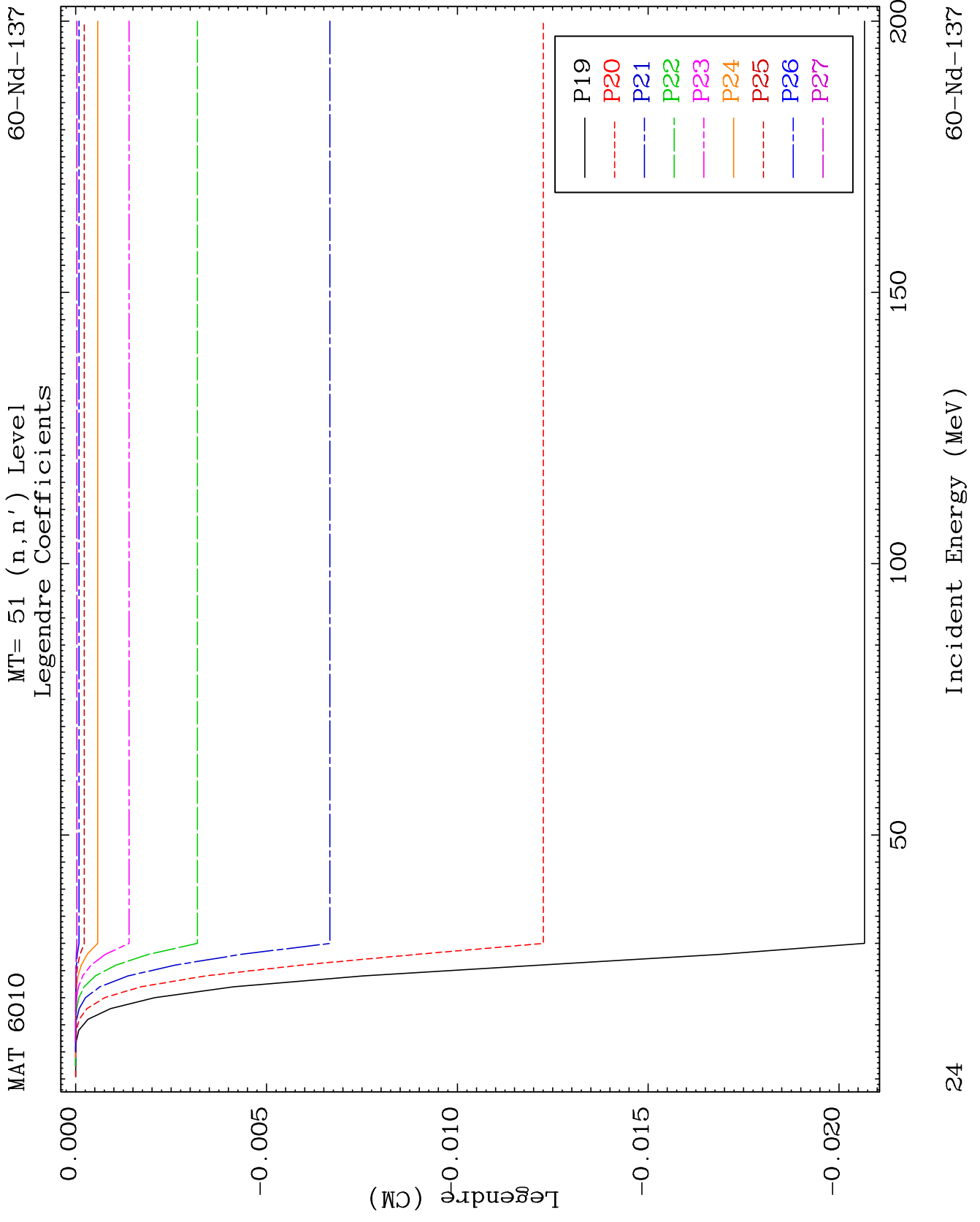
Incident Energy (MeV)

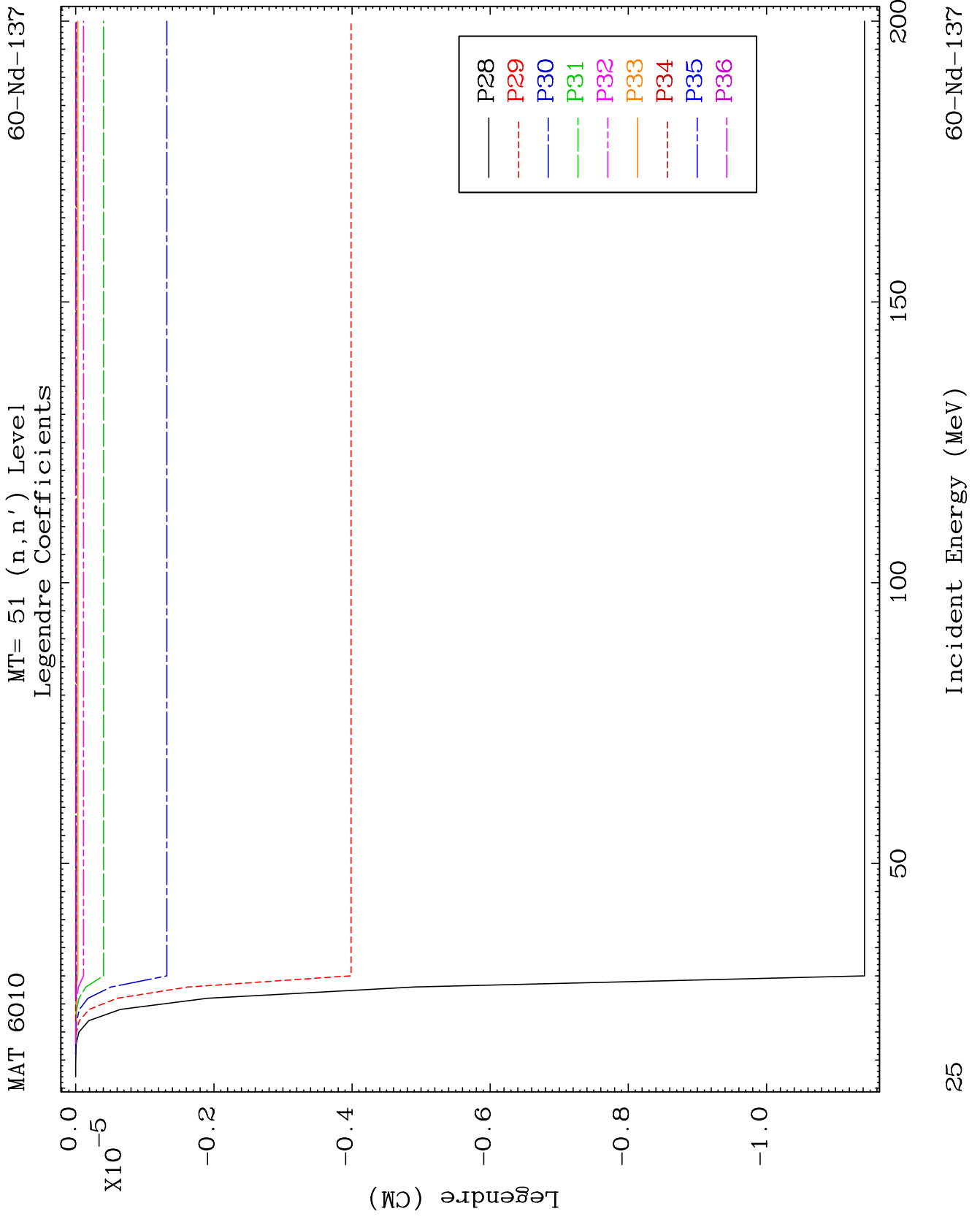
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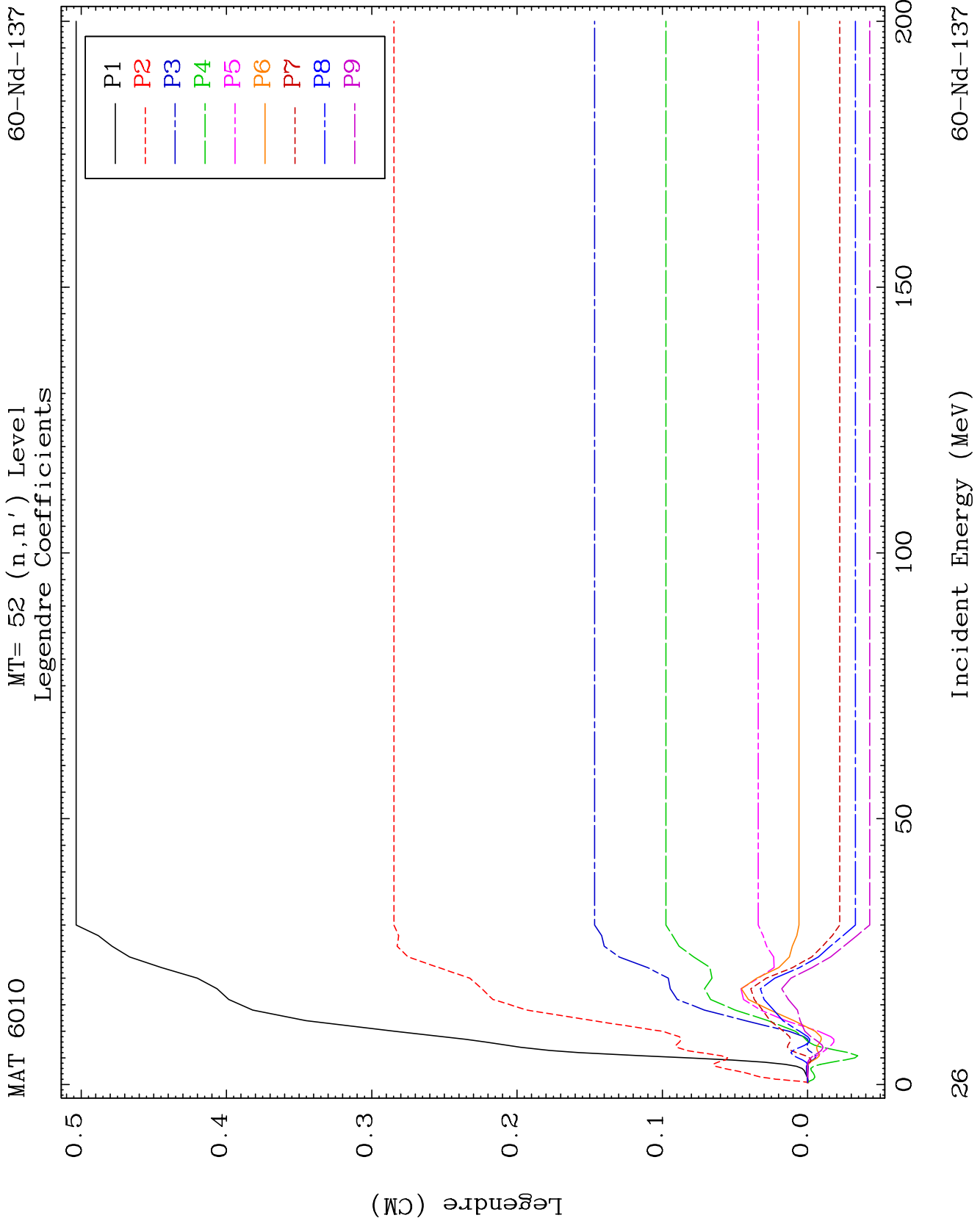
MAT 6010 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-137

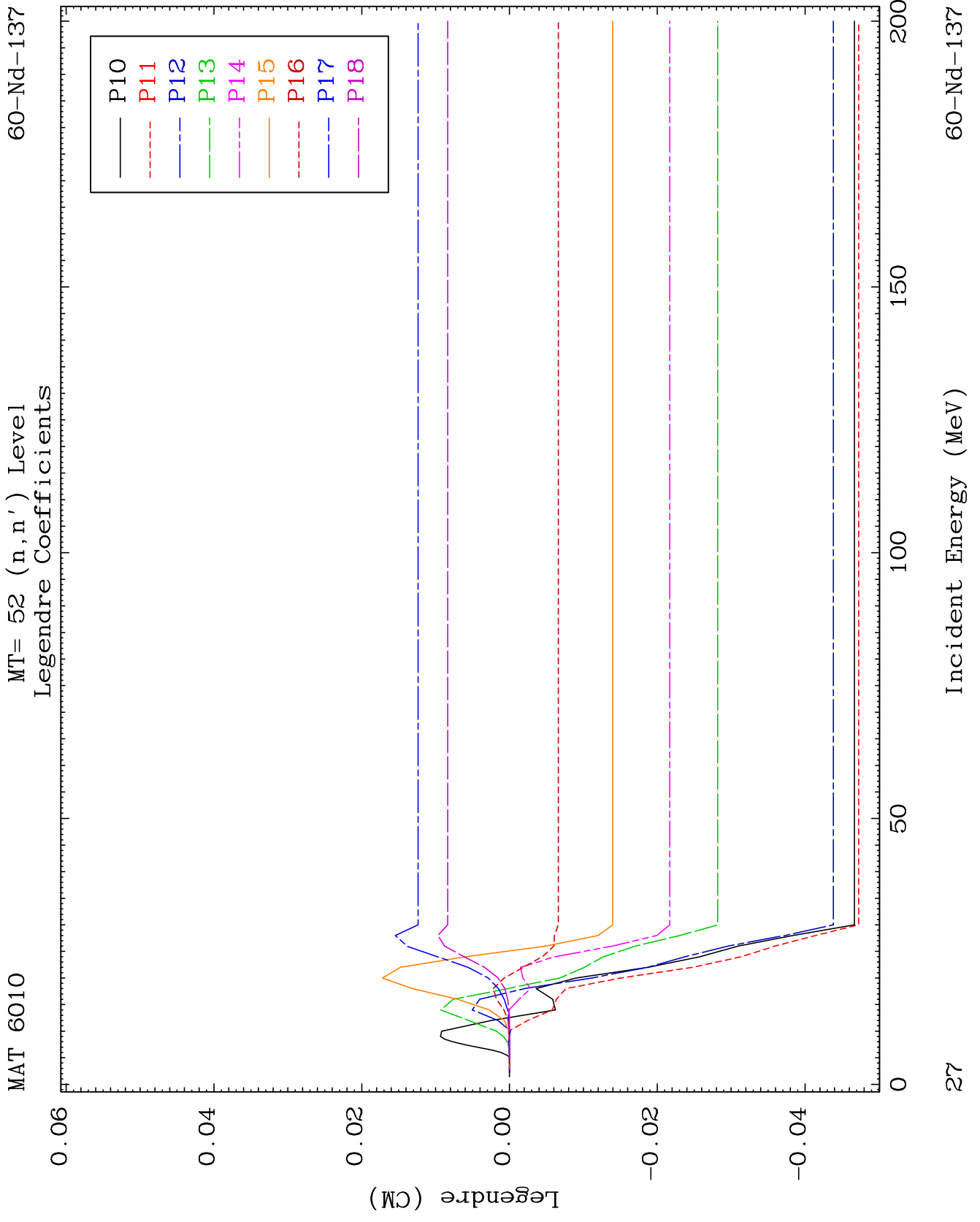


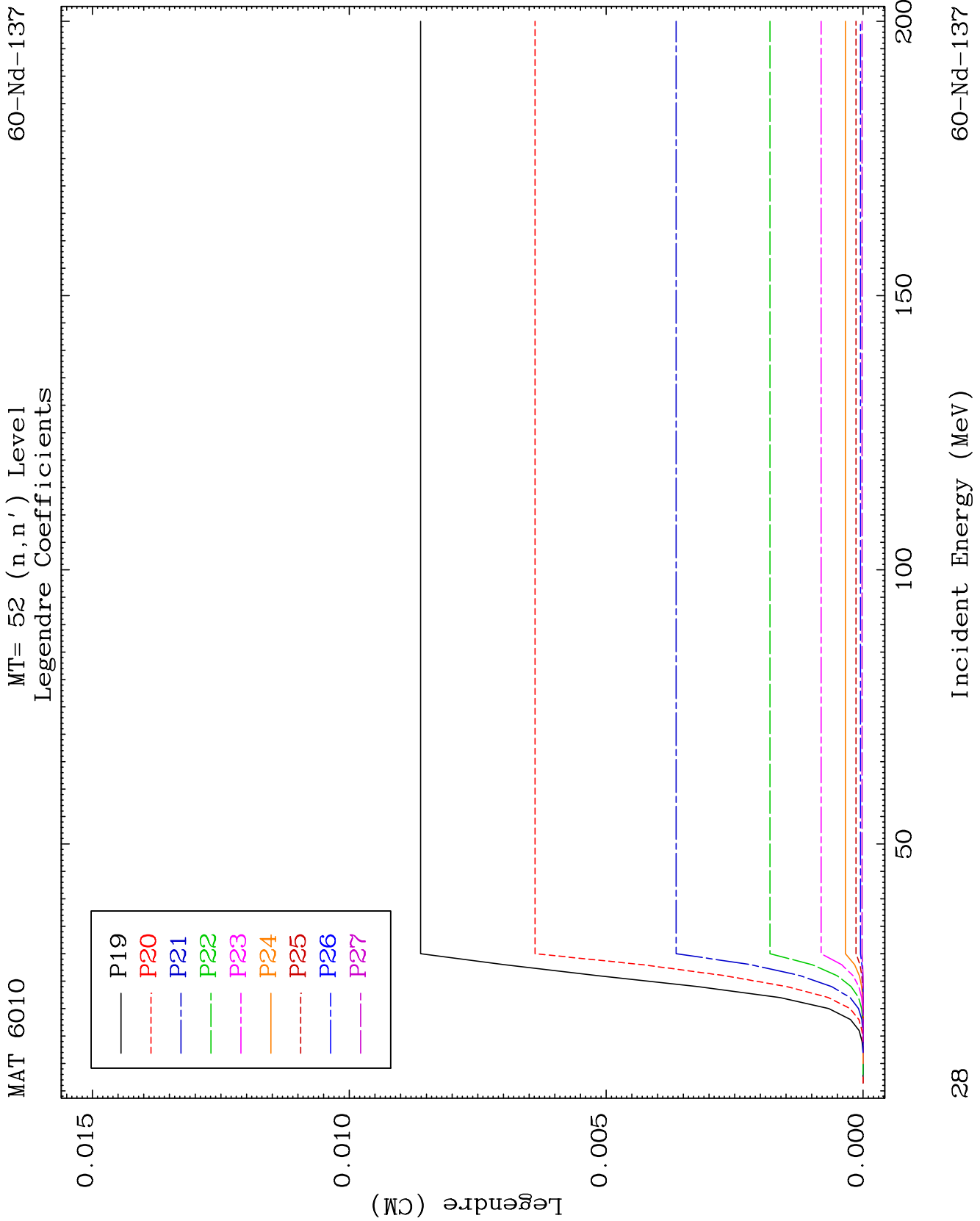
23 Incident Energy (MeV) 60-Nd-137







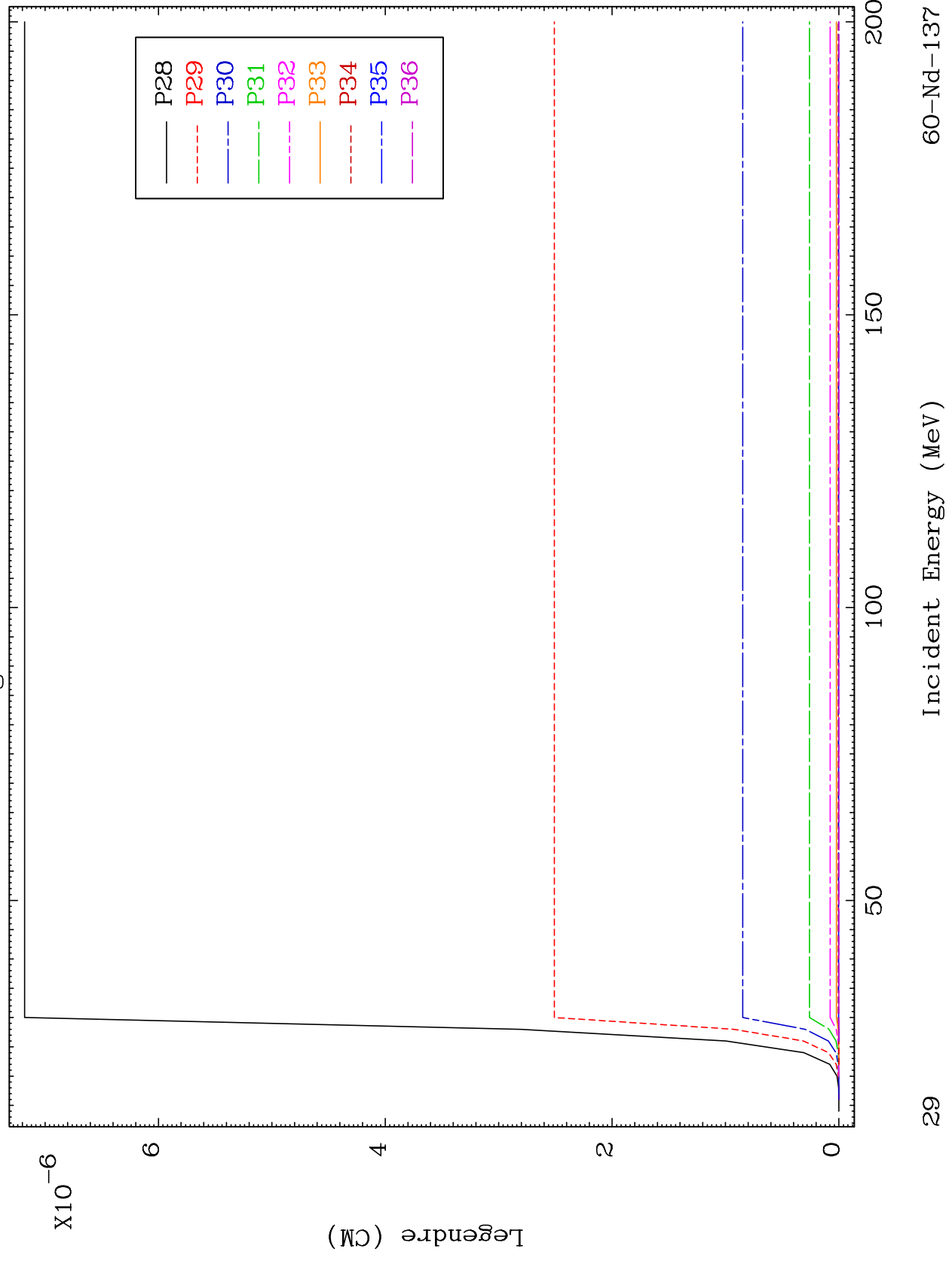




MAT 6010

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

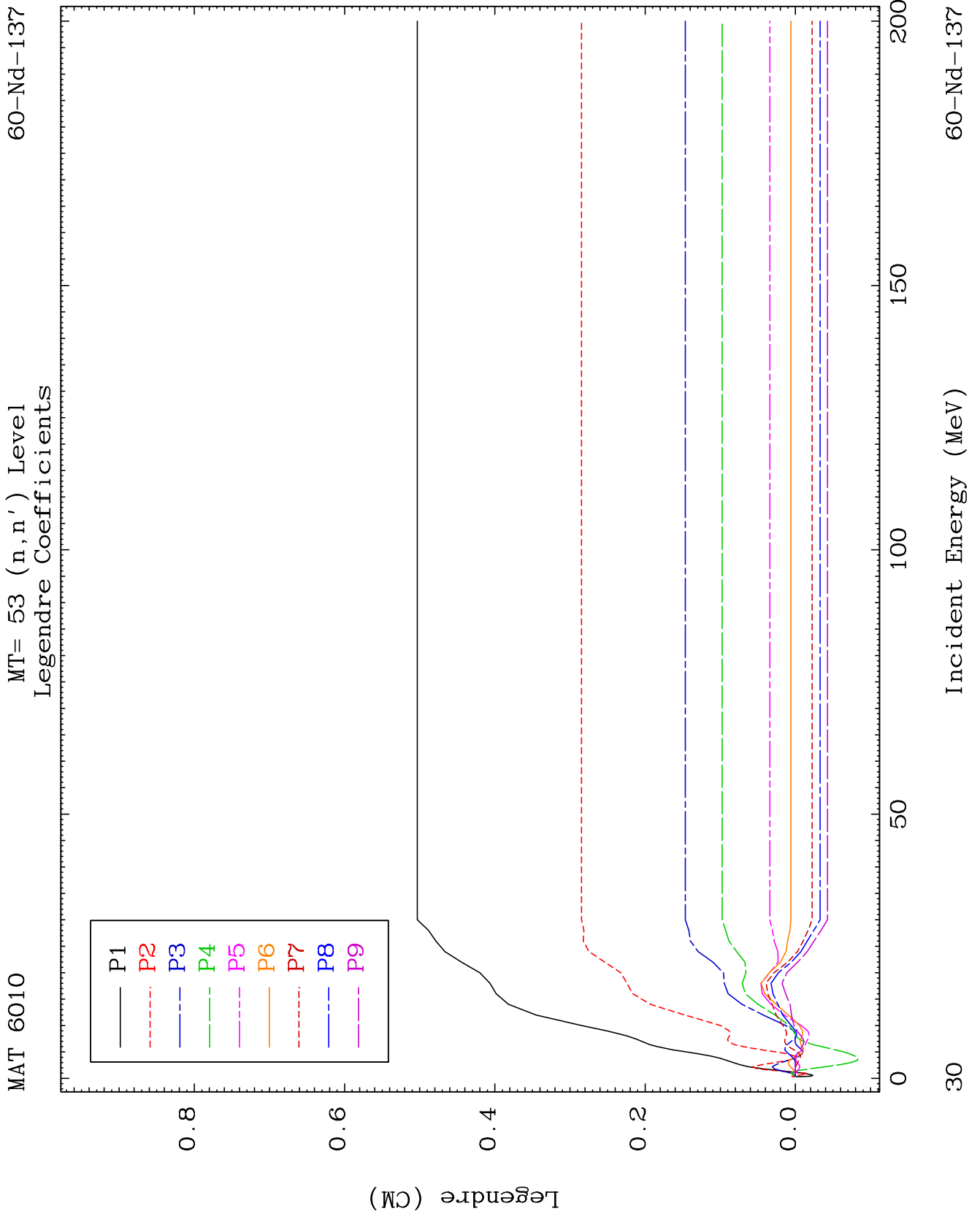
60-Nd-137

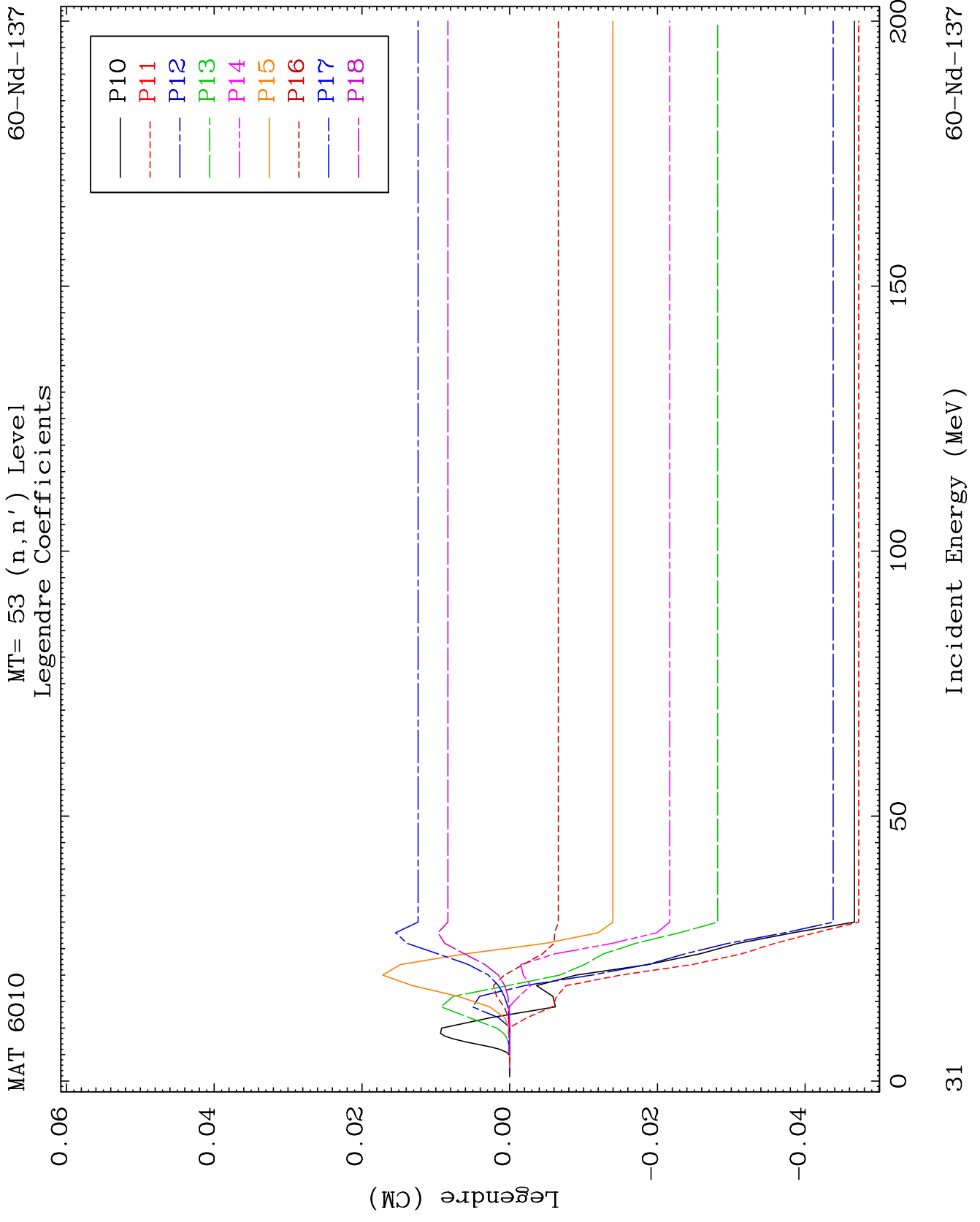


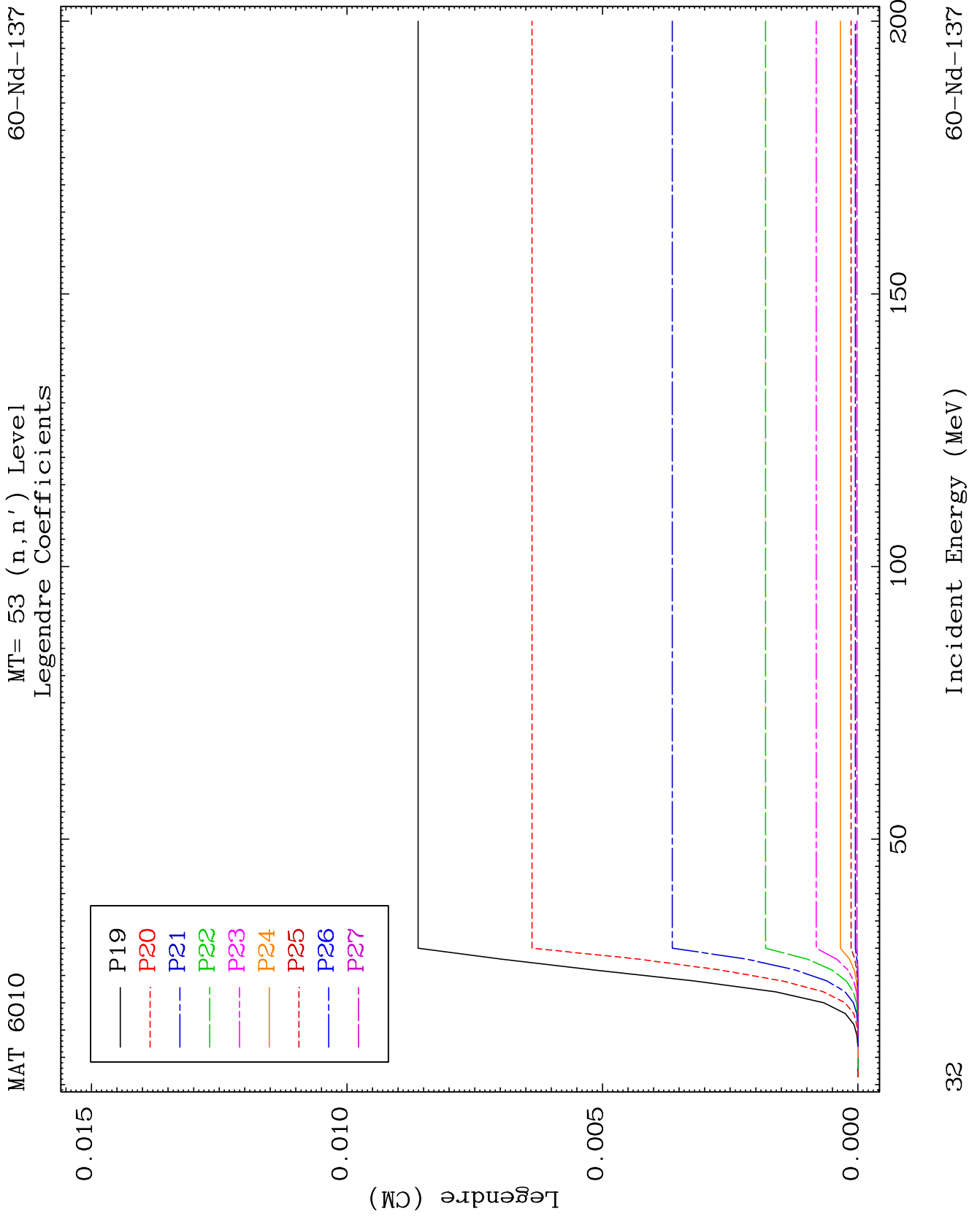
60-Nd-137

Incident Energy (MeV)

29



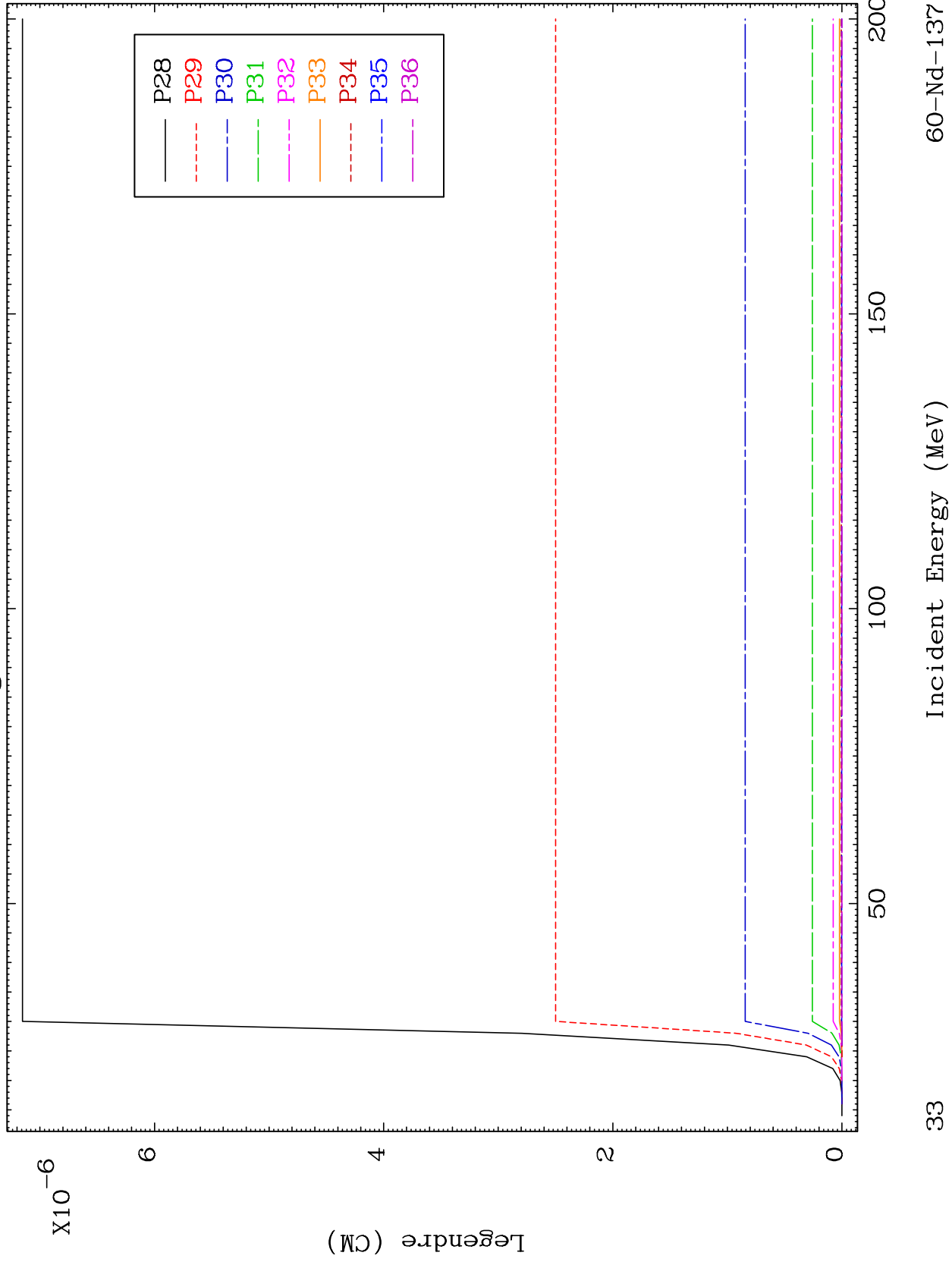


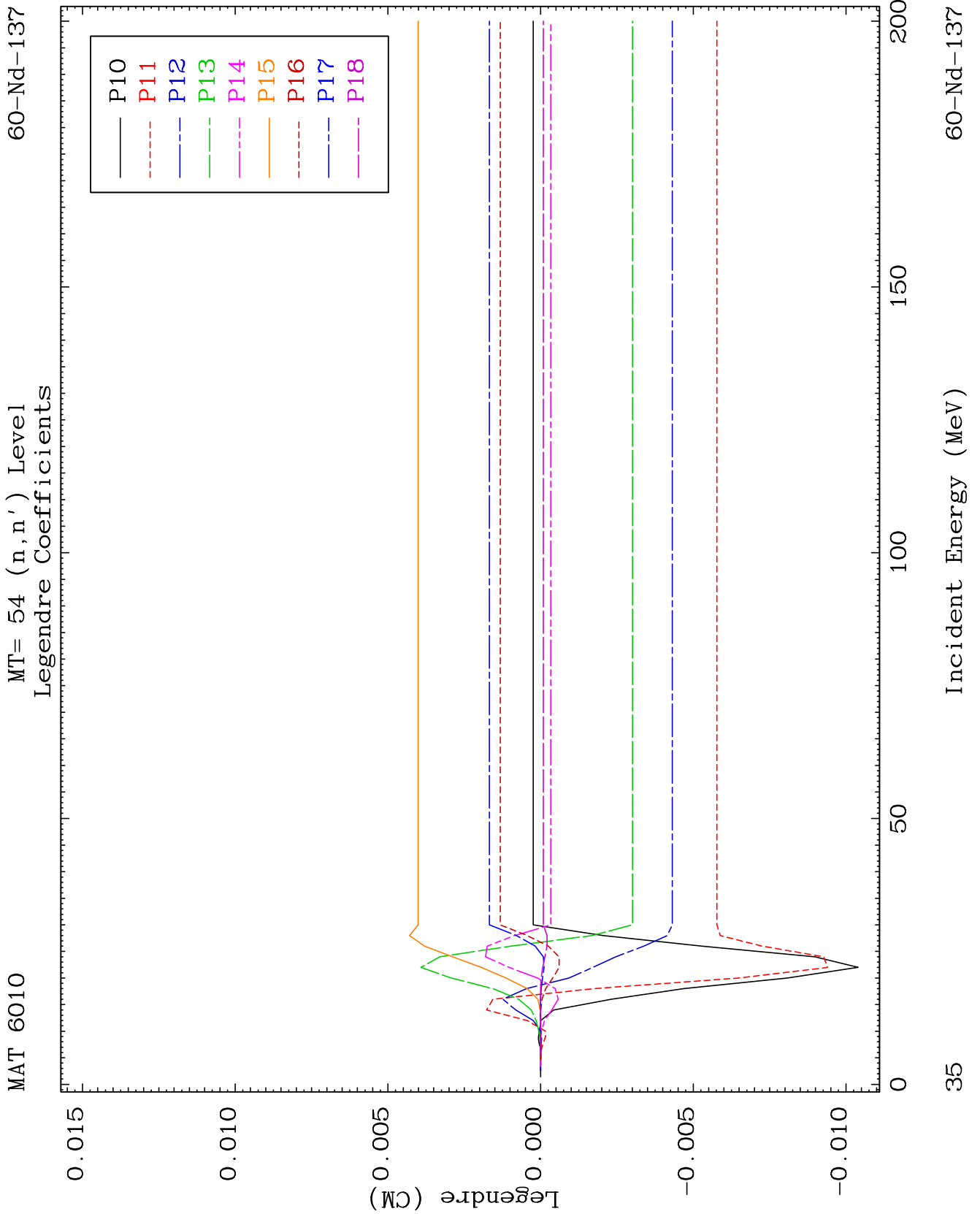


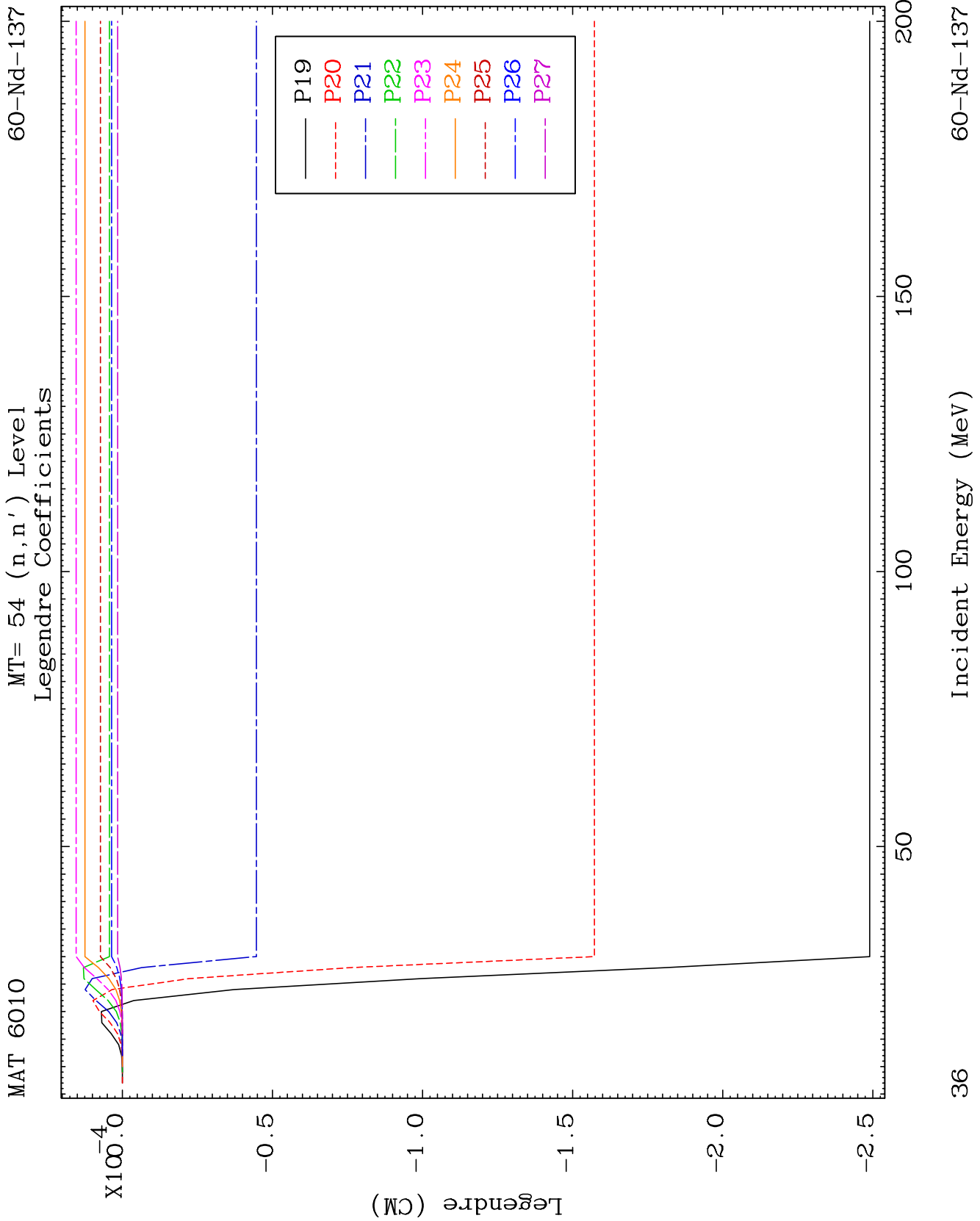
MAT 6010

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

60-Nd-137



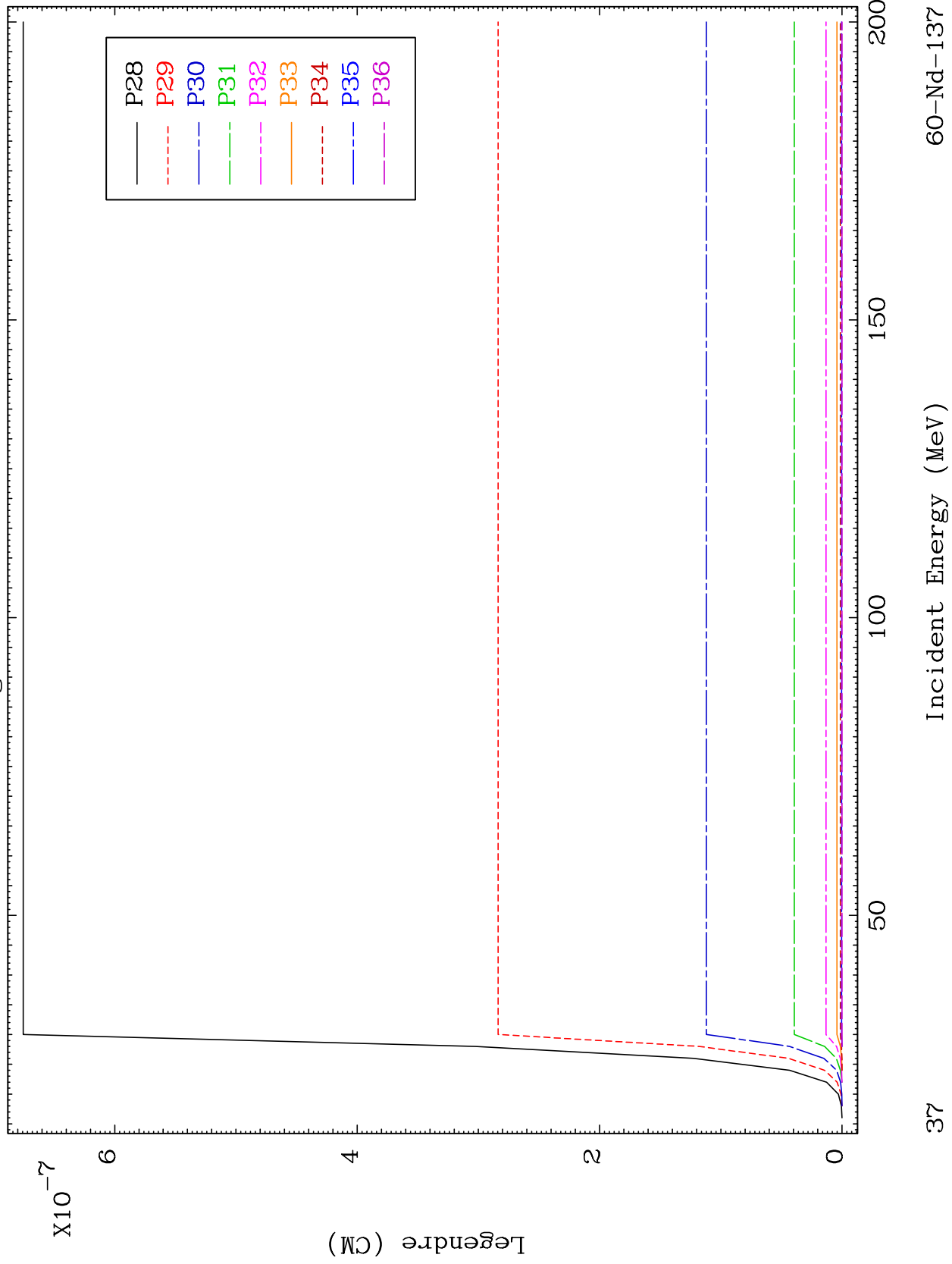


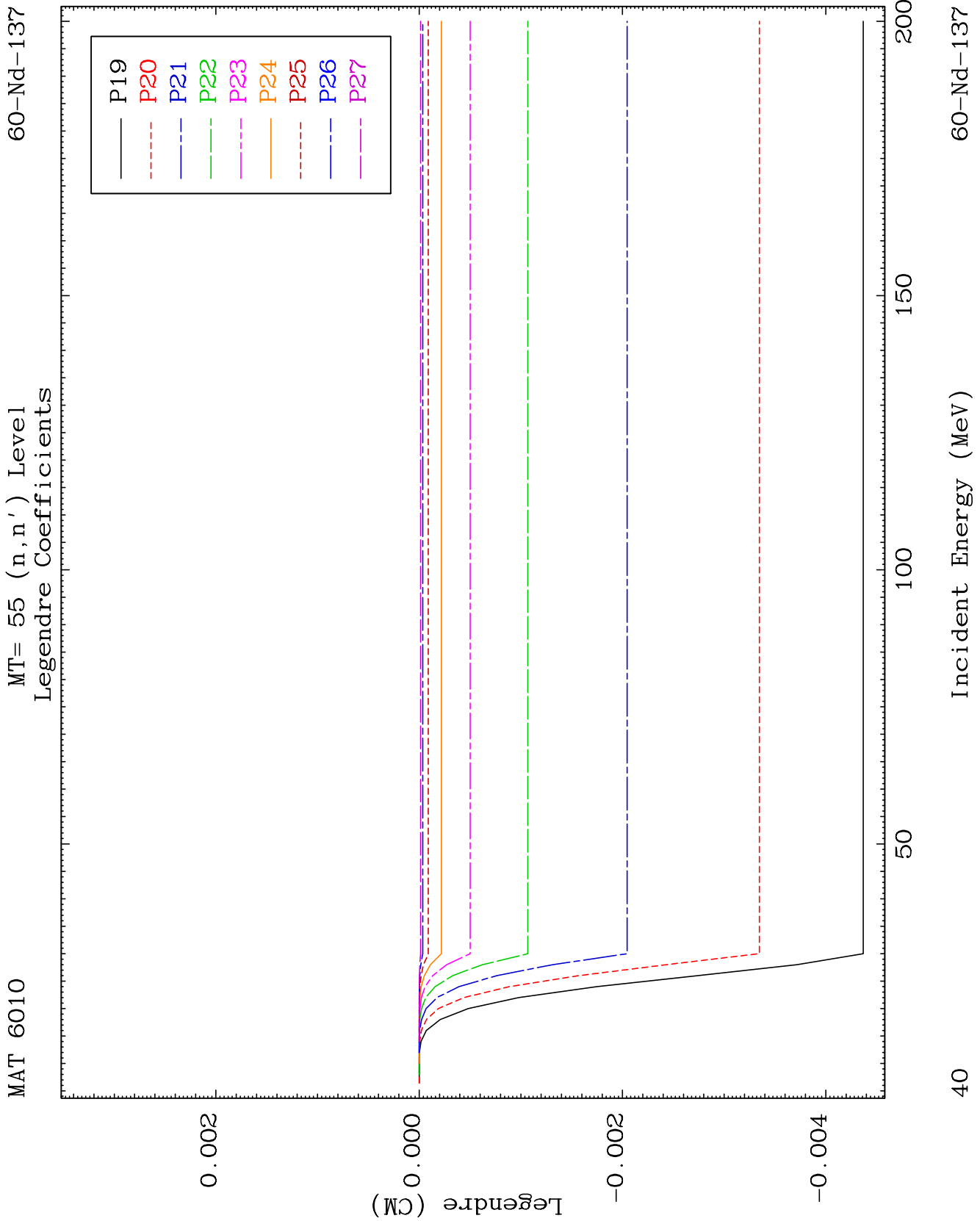


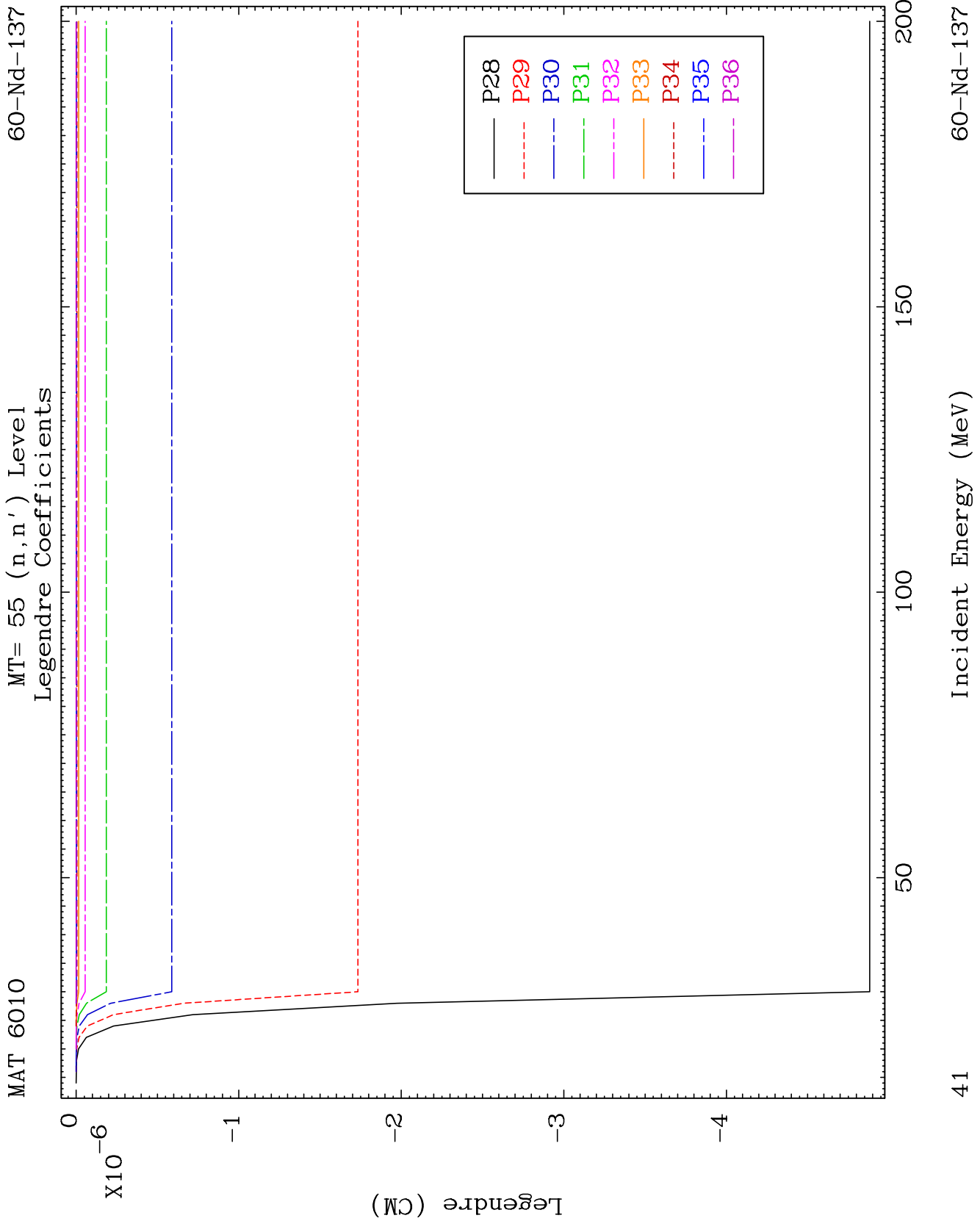
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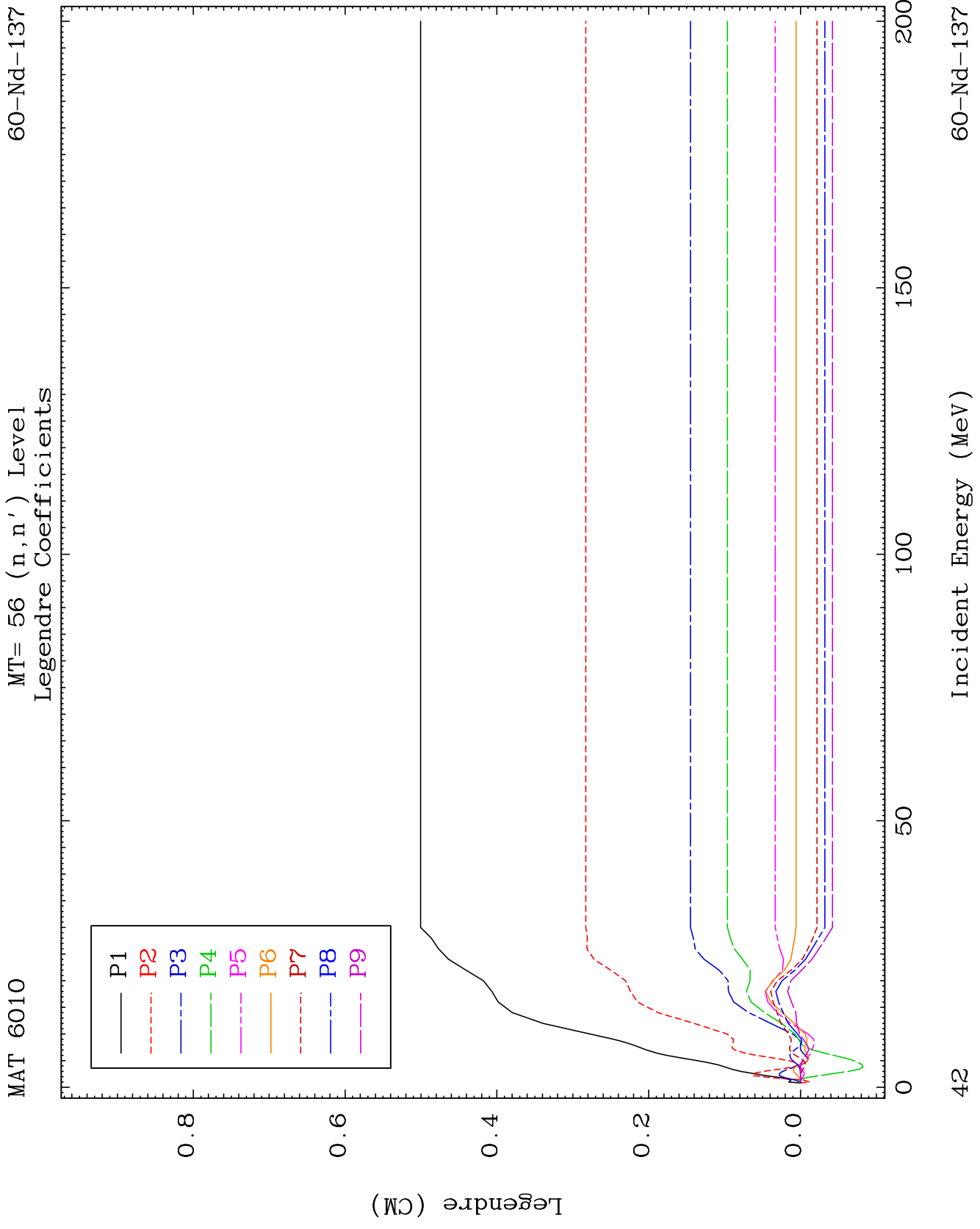
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Legendre Coefficients

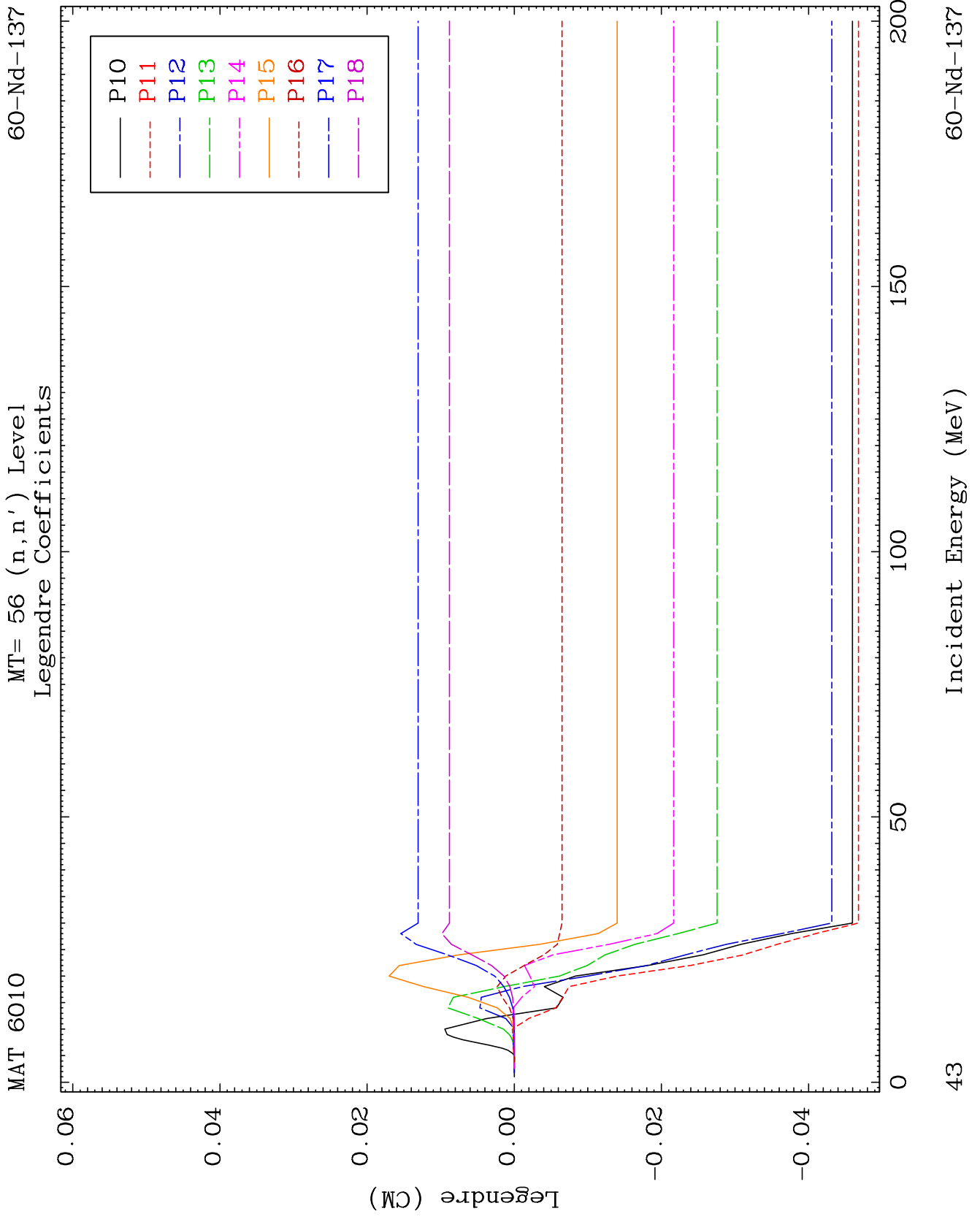
60-Nd-137

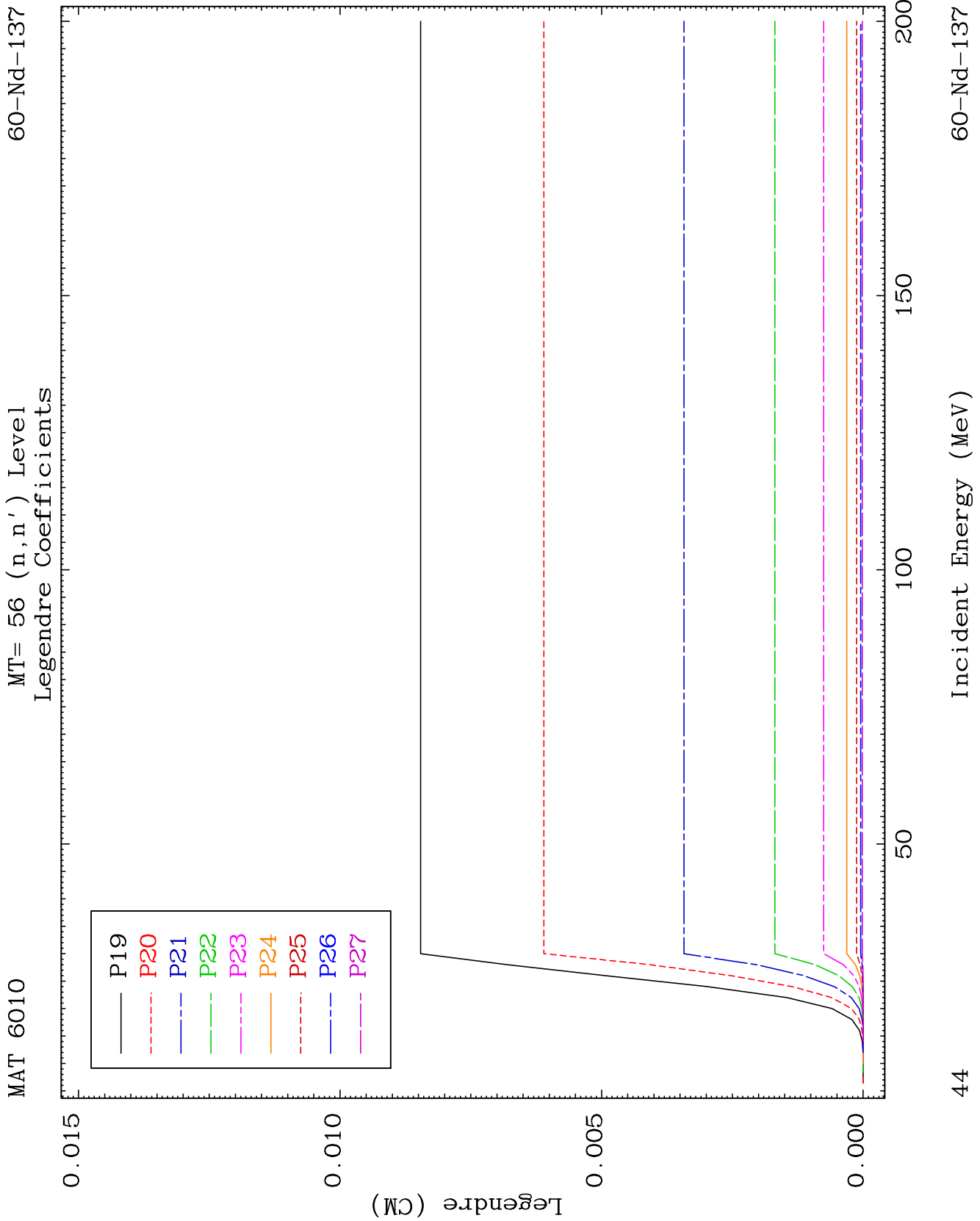


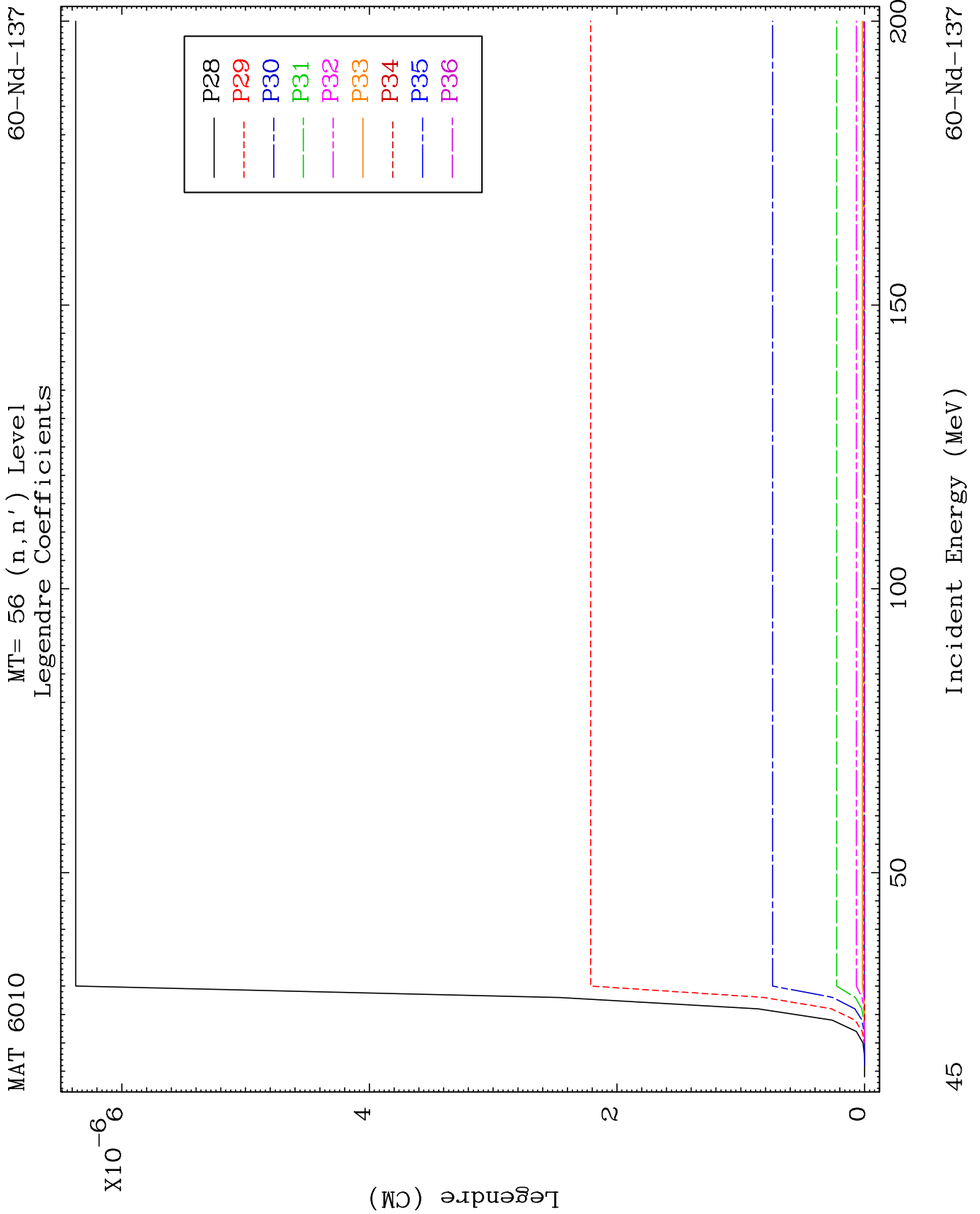








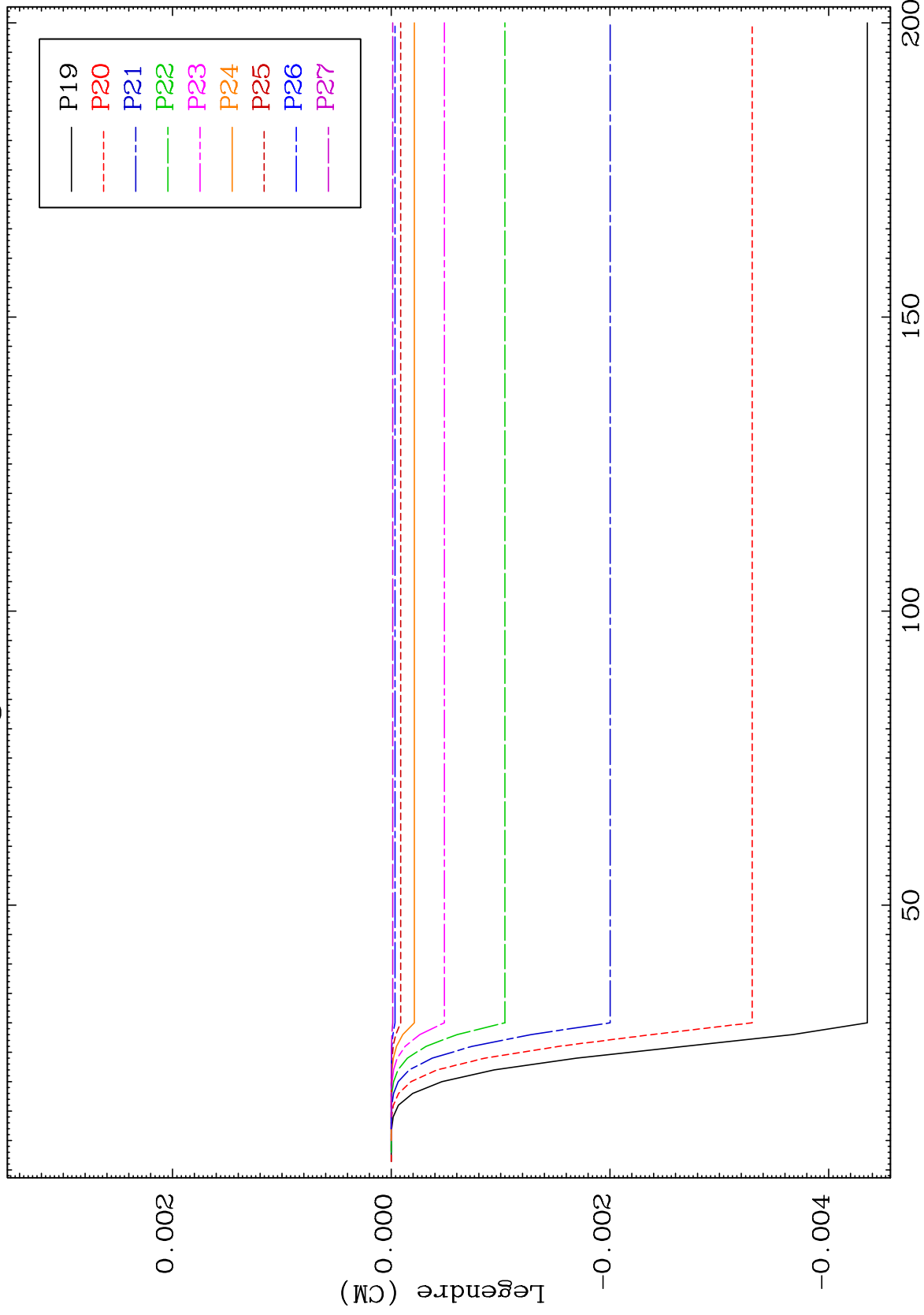




MAT 6010

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

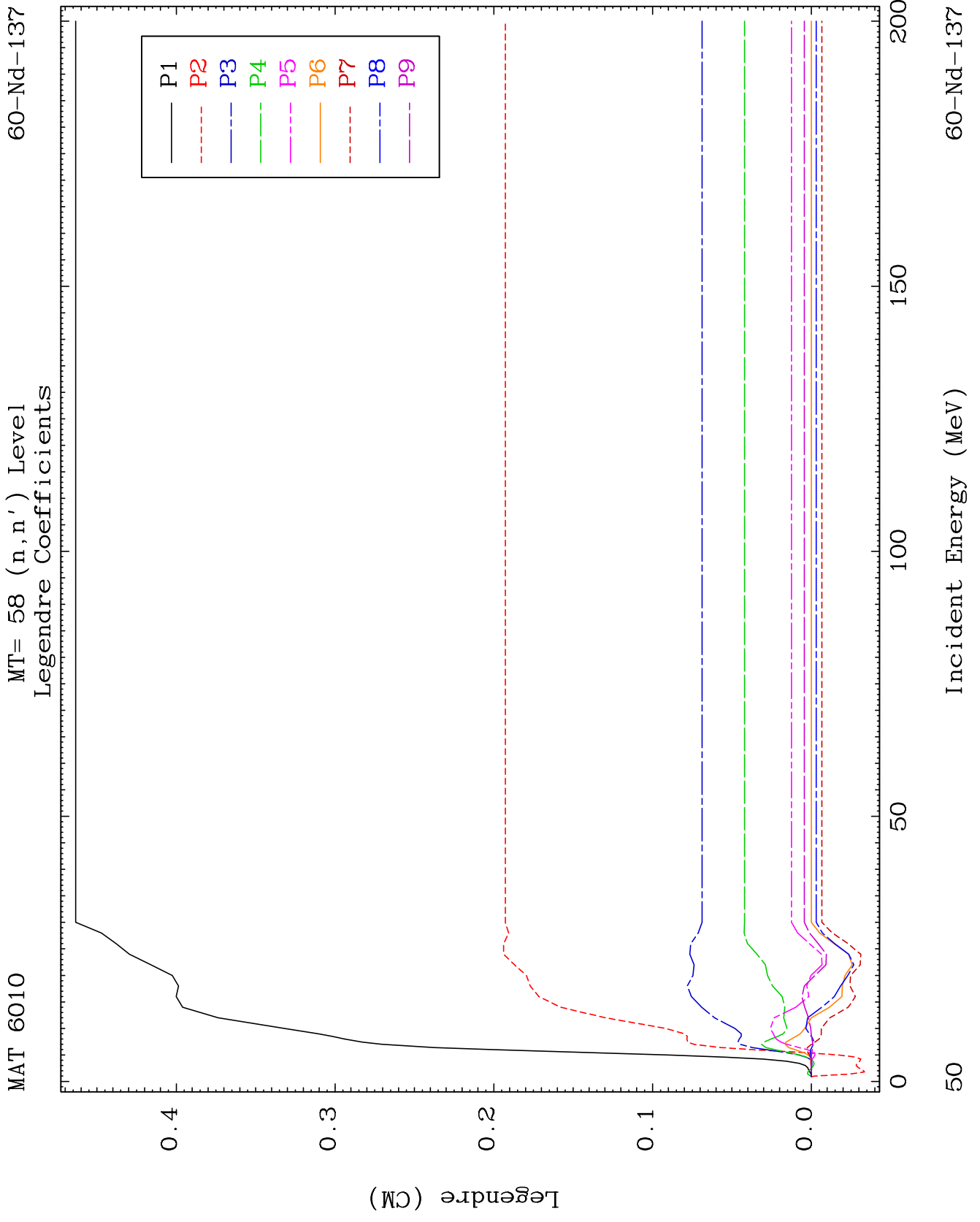
60-Nd-137



48

Incident Energy (MeV)

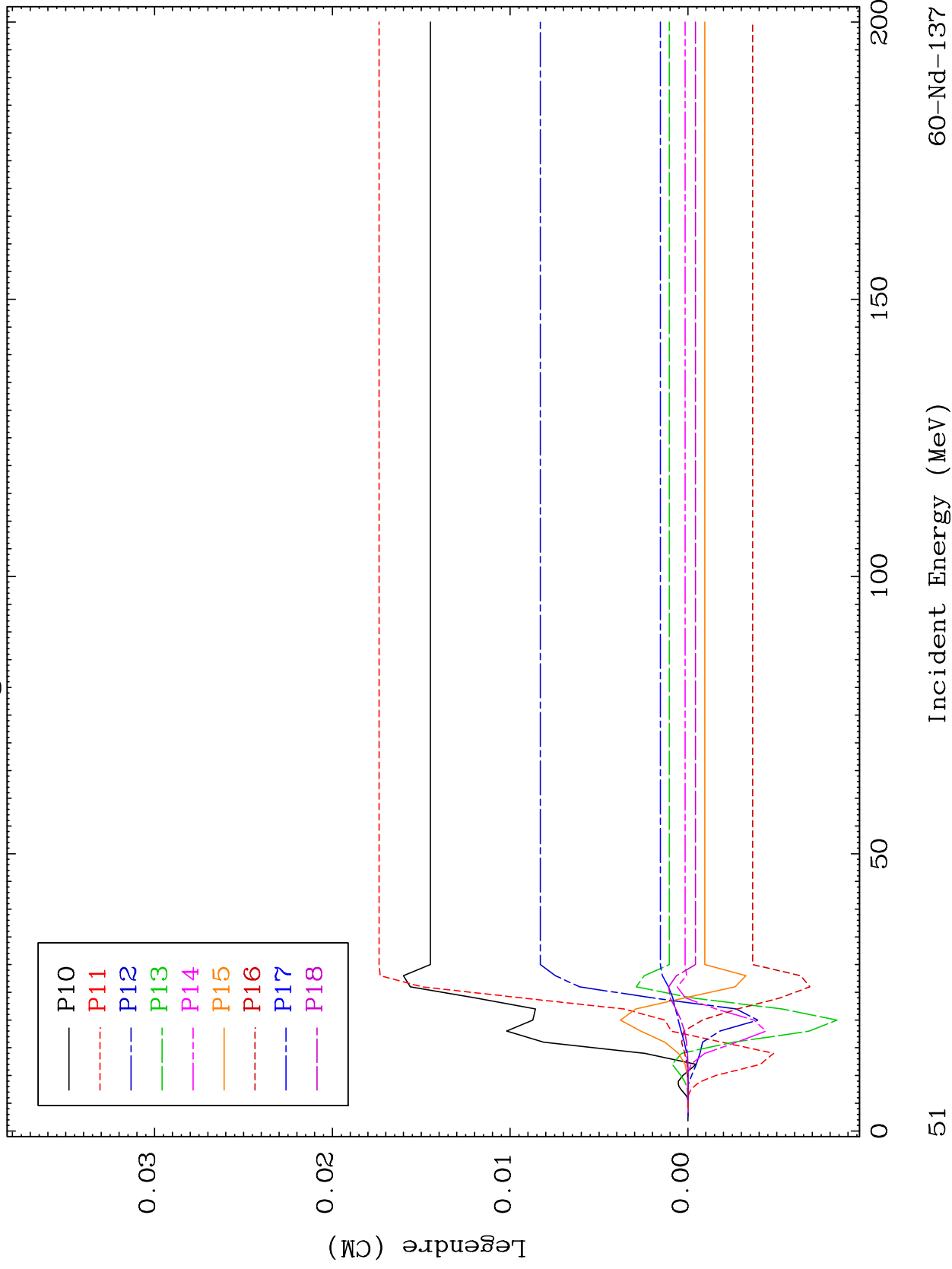
60-Nd-137



MAT 6010

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

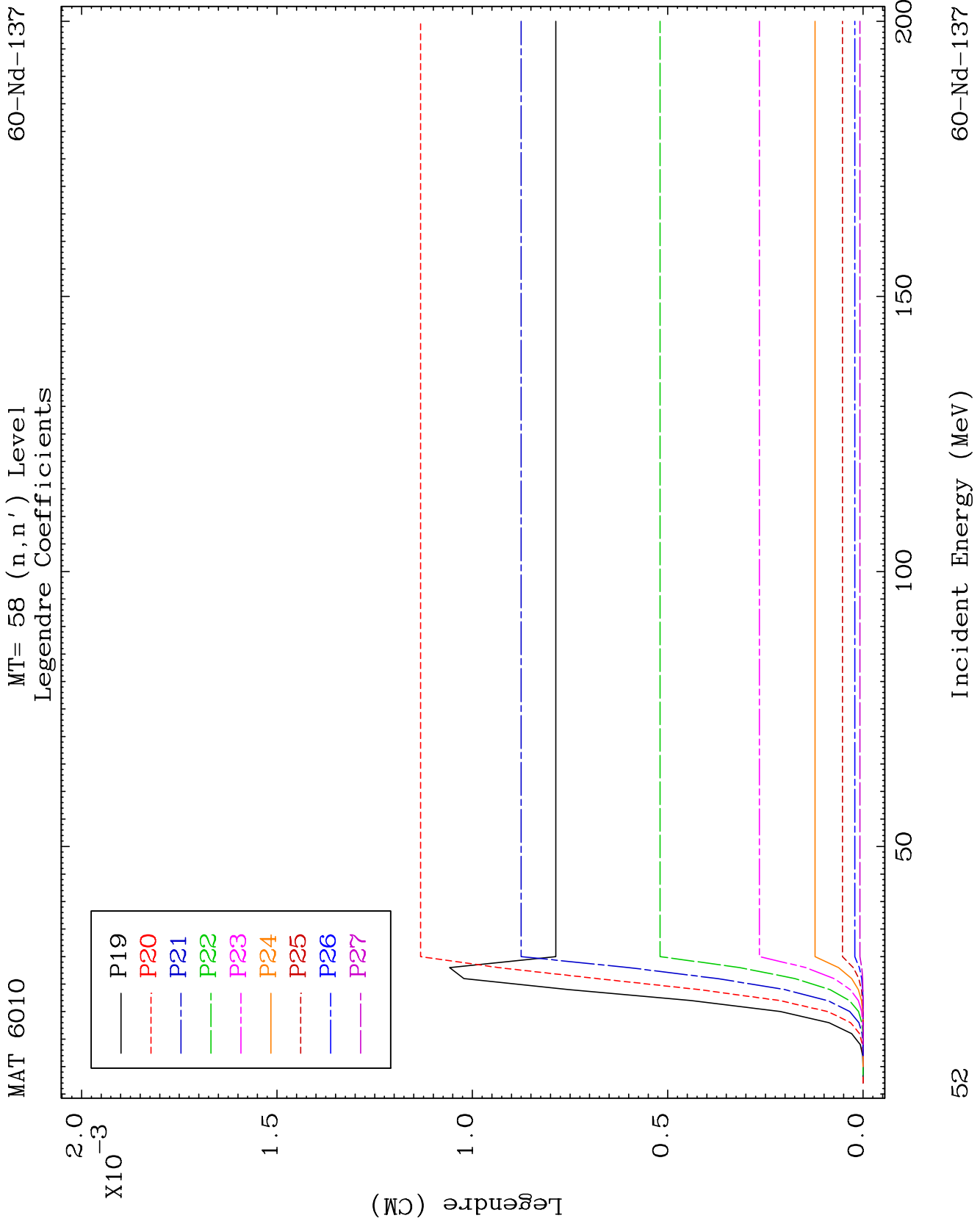
60-Nd-137



51

Incident Energy (MeV)

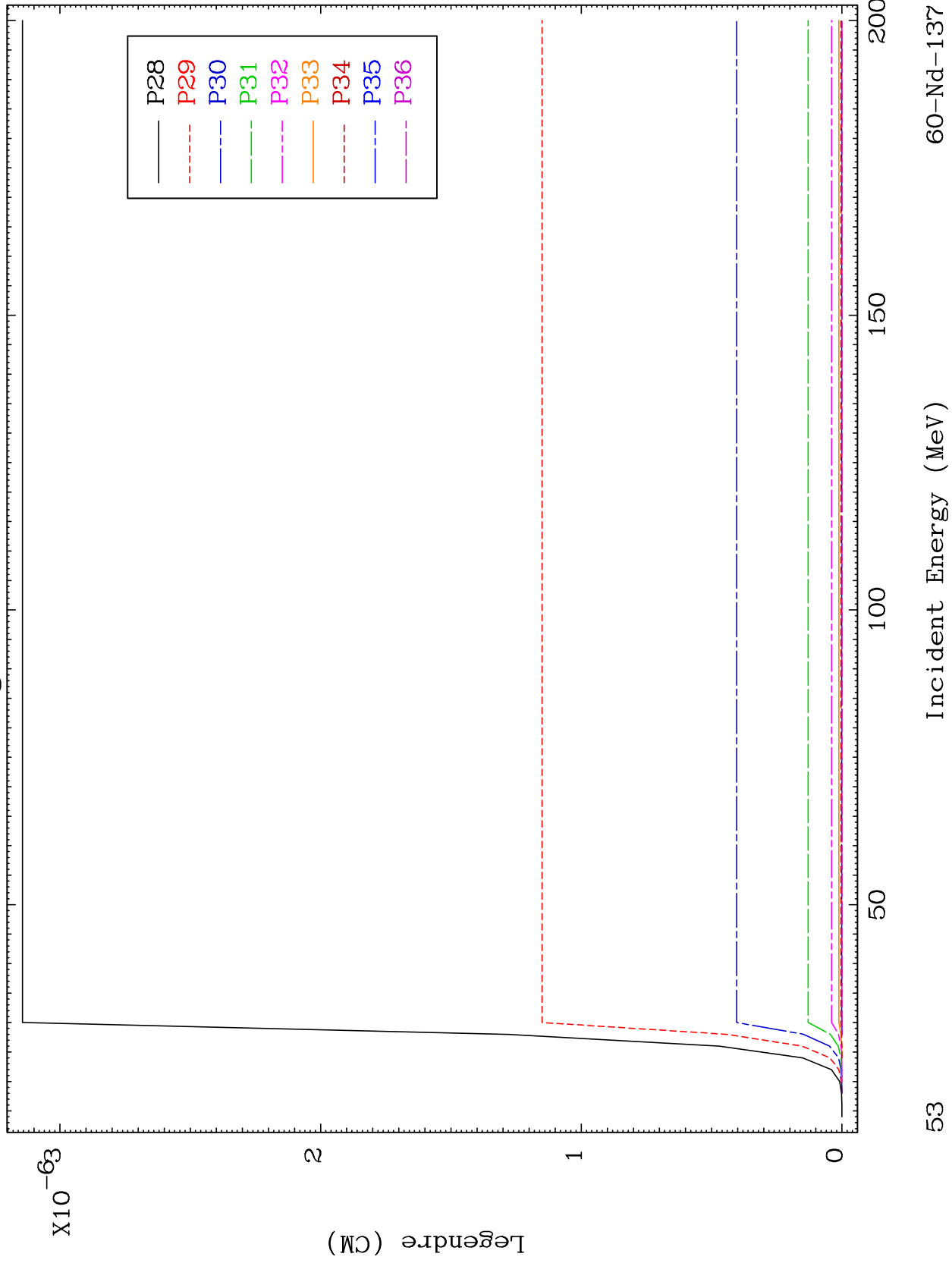
60-Nd-137



MAT 6010

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

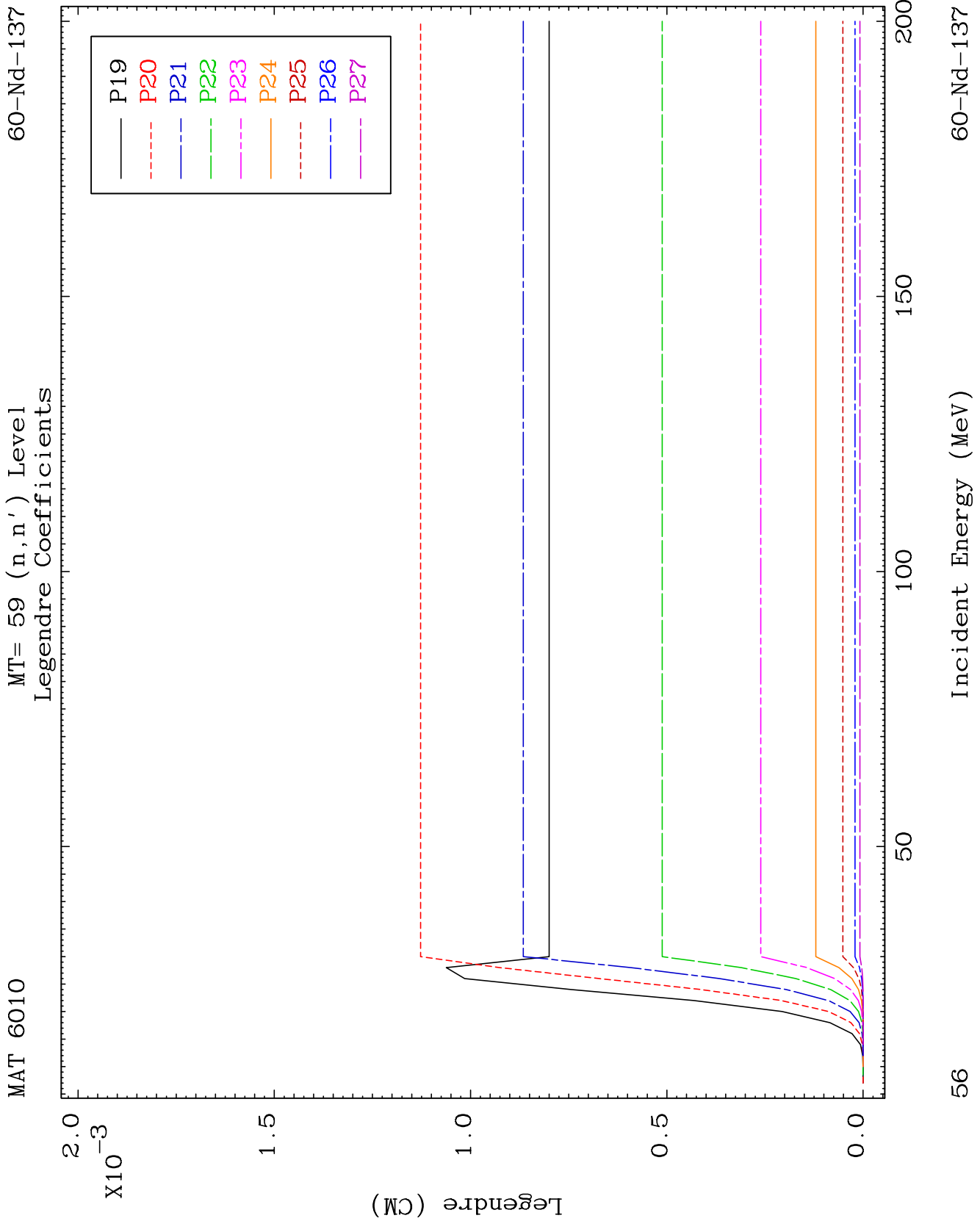
60-Nd-137



53

Incident Energy (MeV)

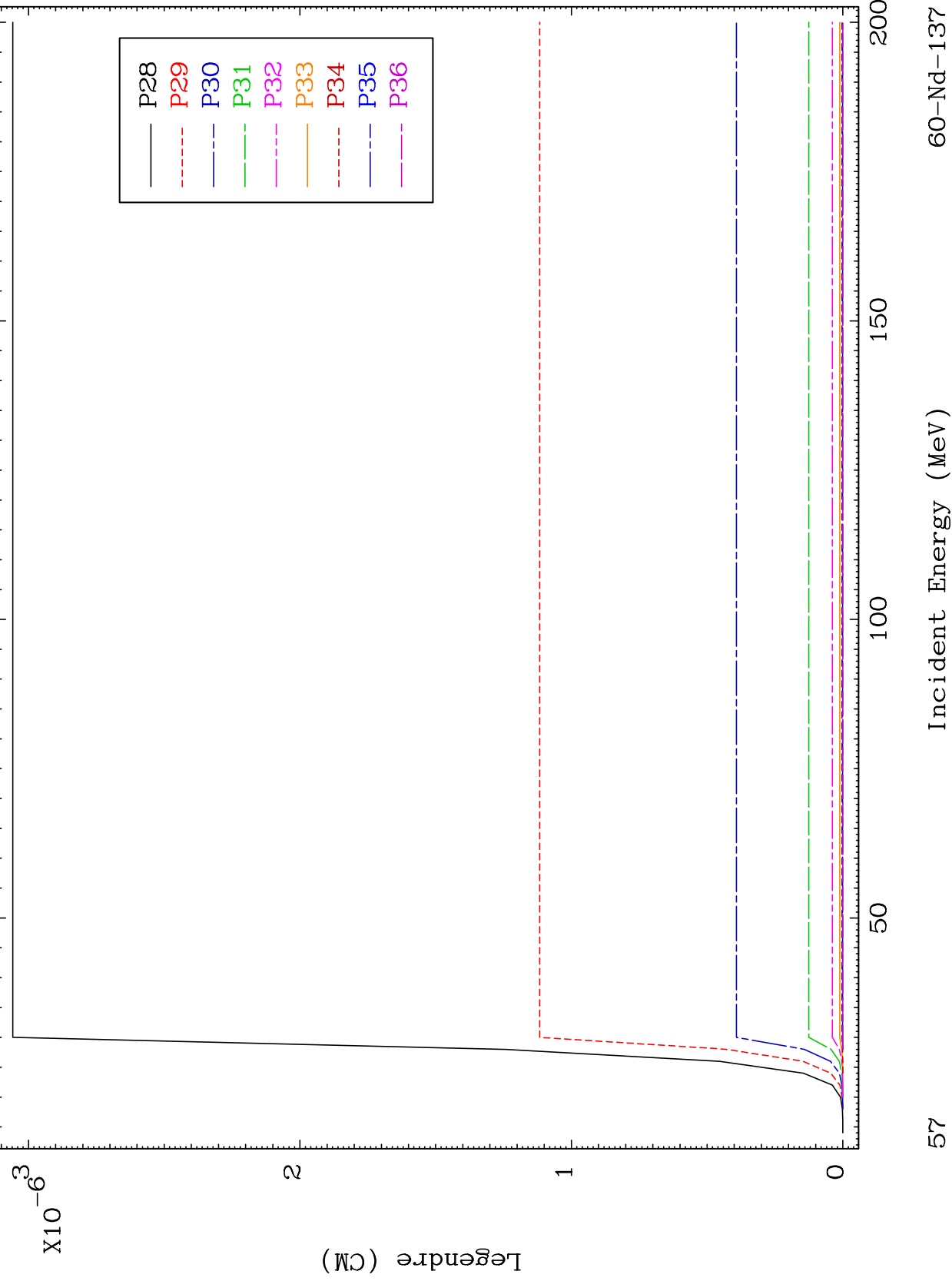
60-Nd-137



MAT 6010

MT= 59 (n,n') Level
Legendre Coefficients

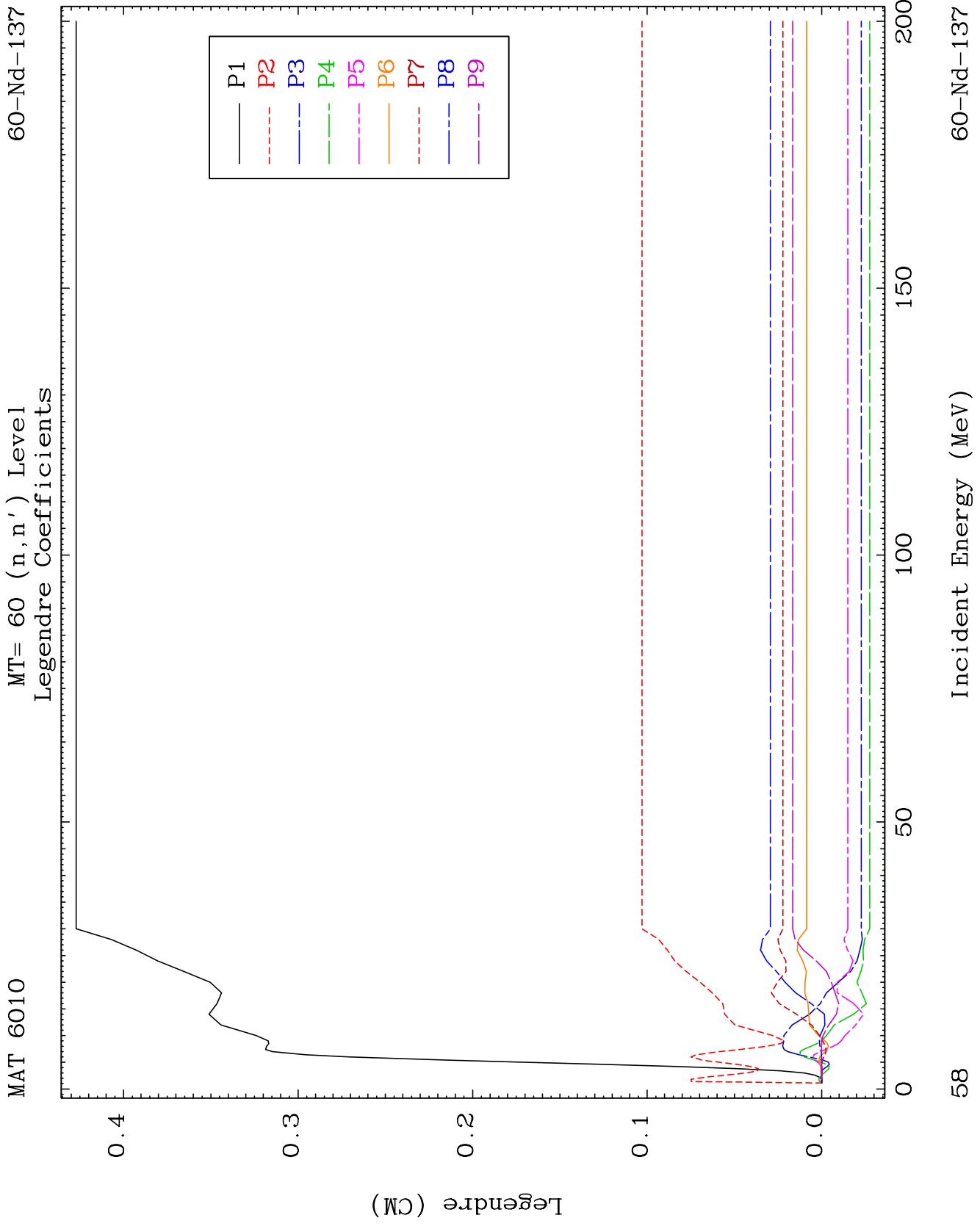
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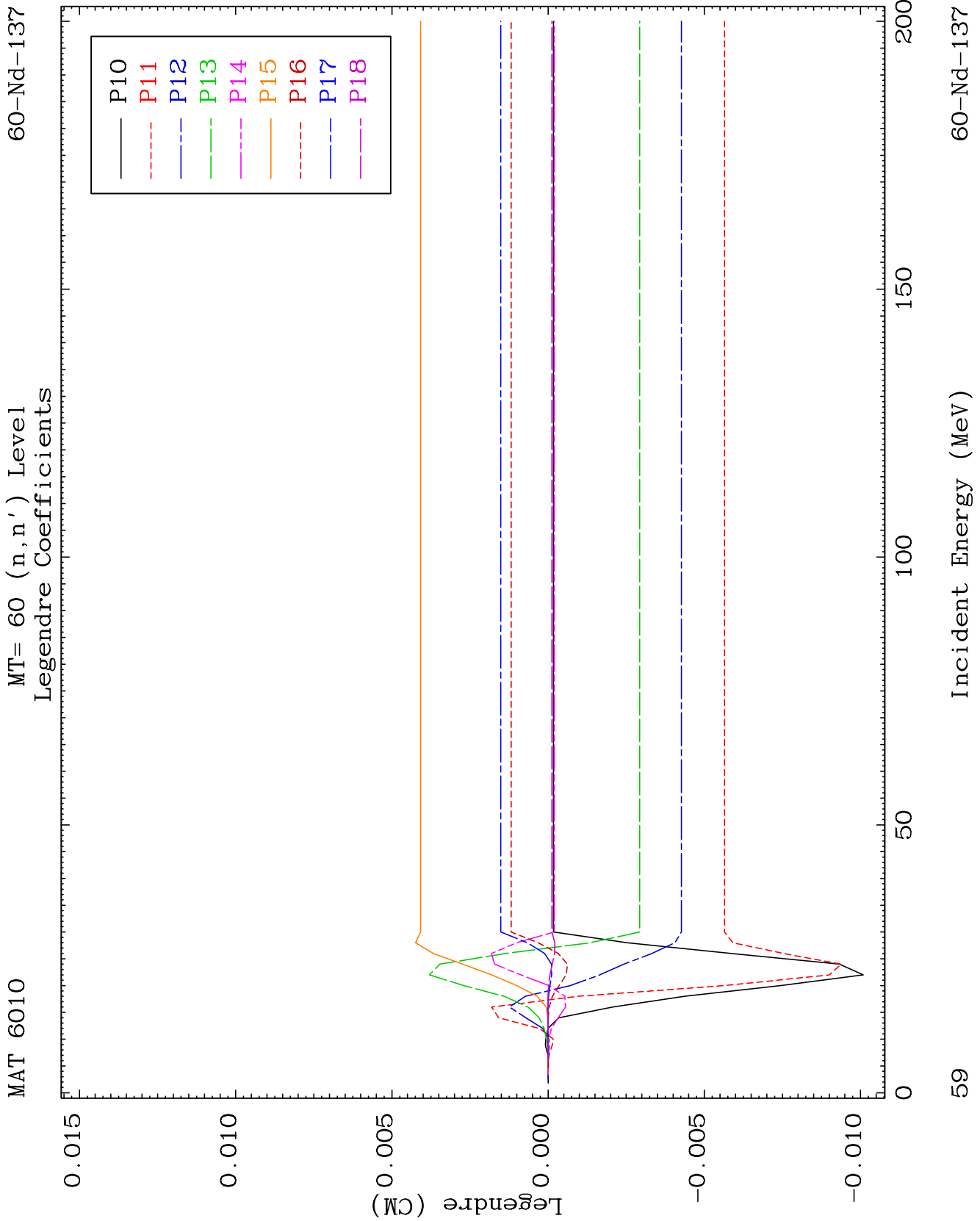


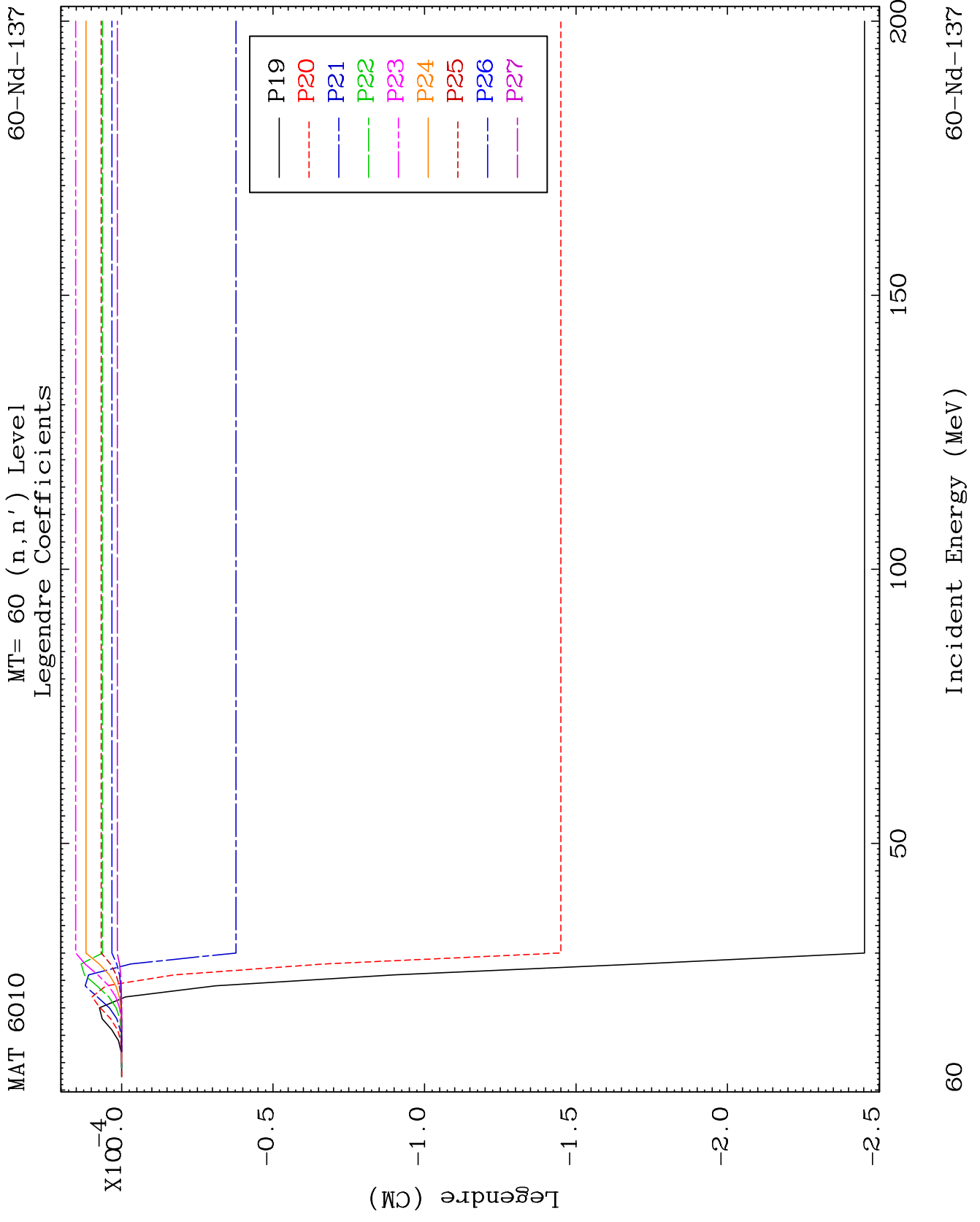
57

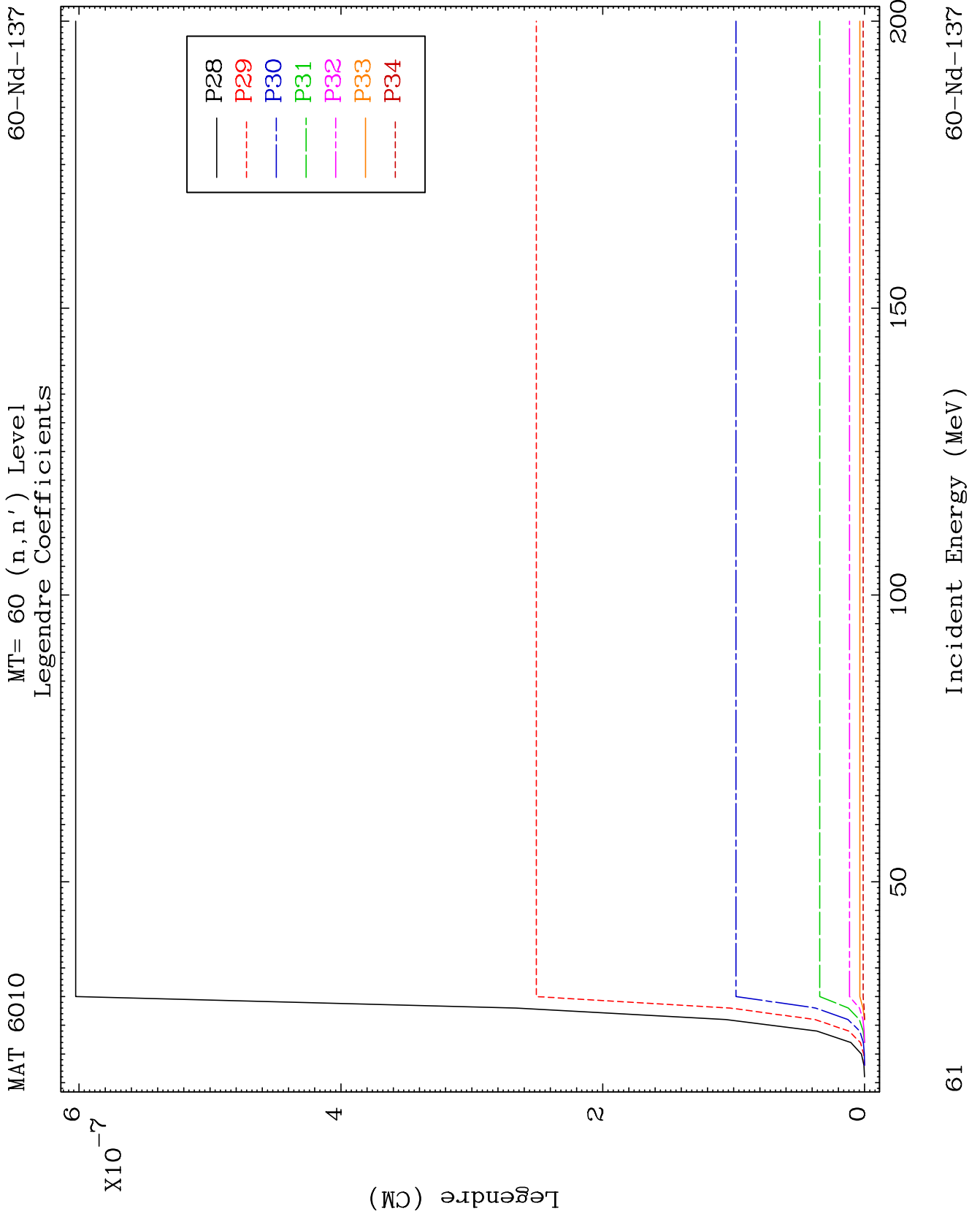
Incident Energy (MeV)

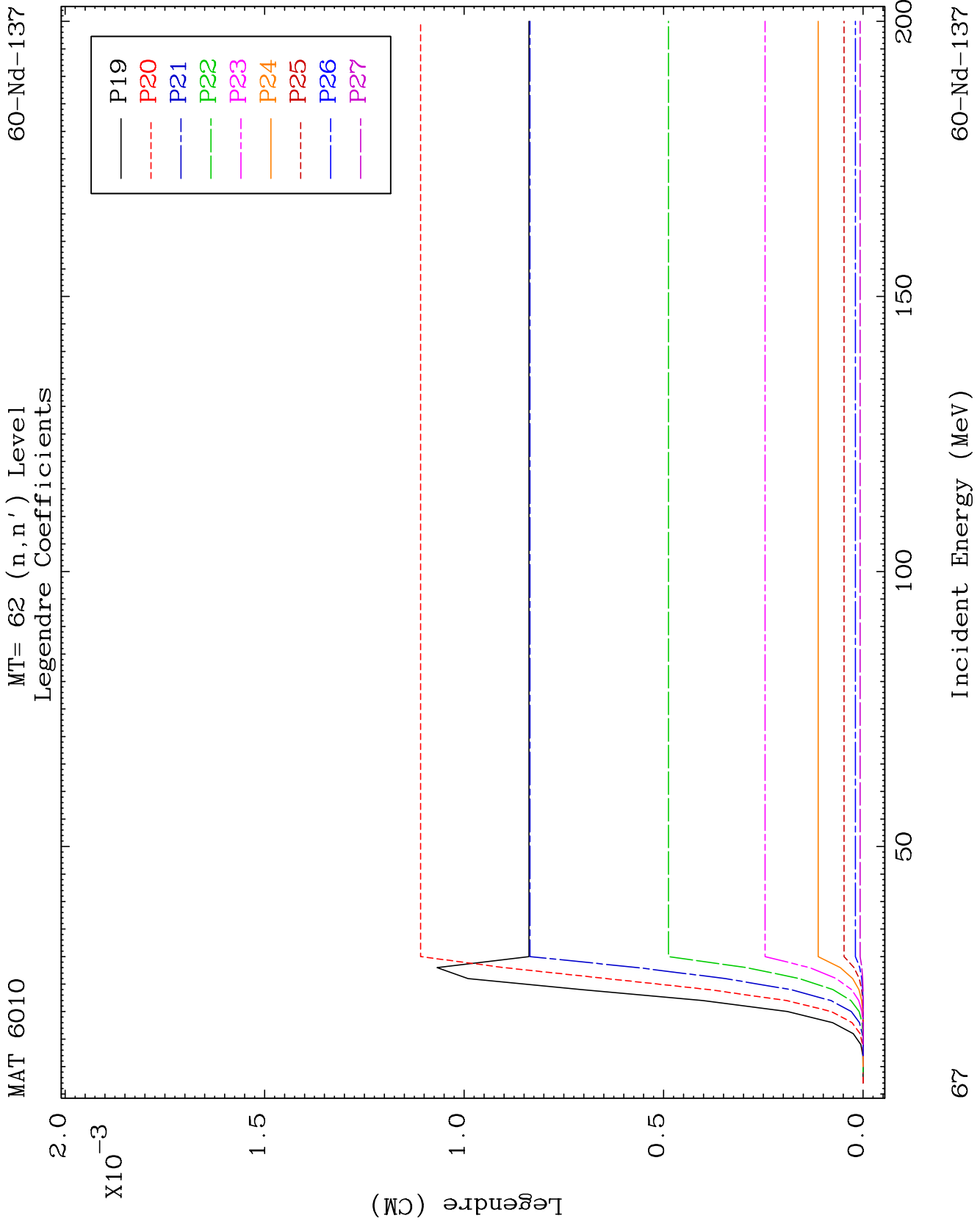
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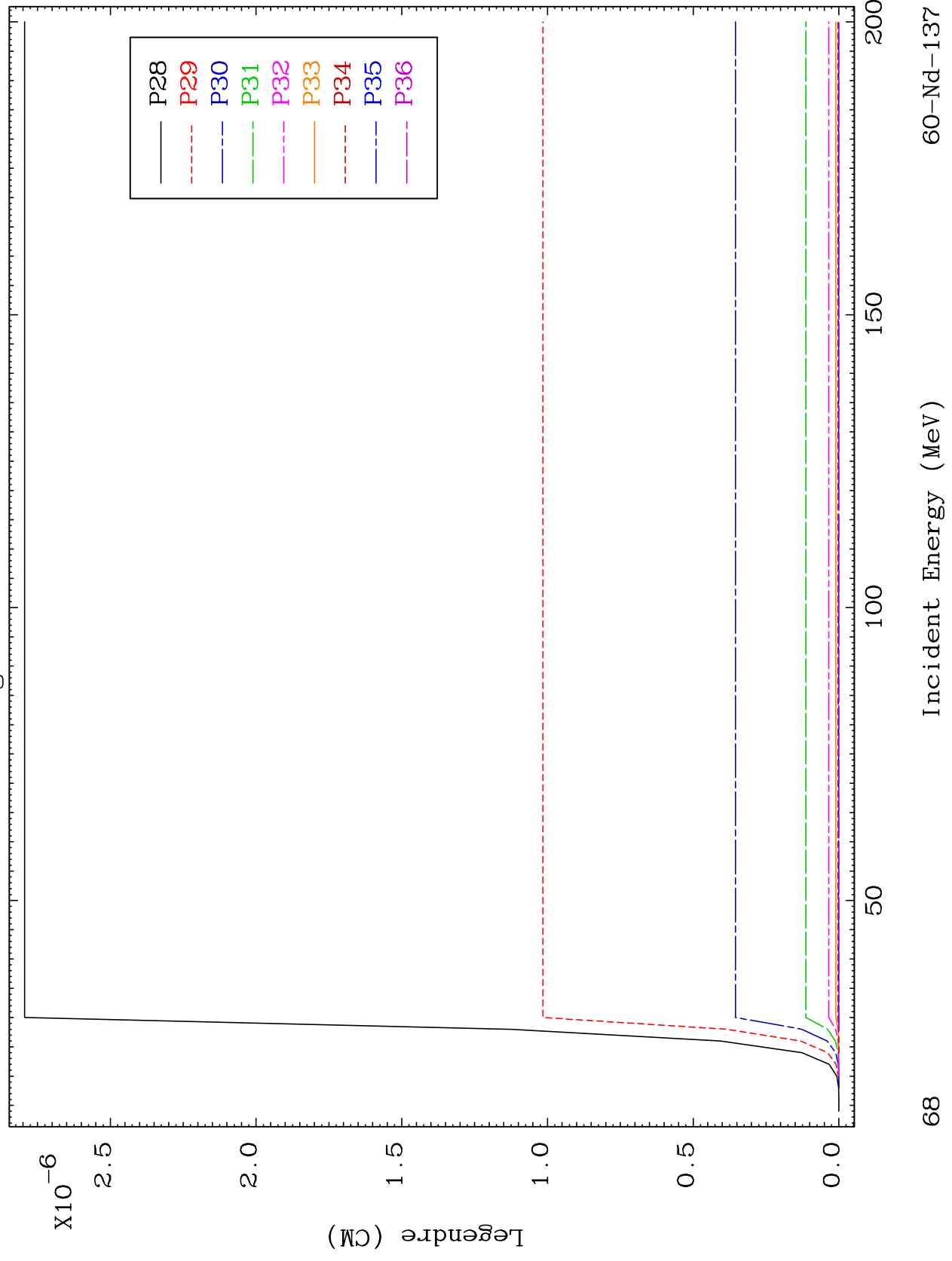


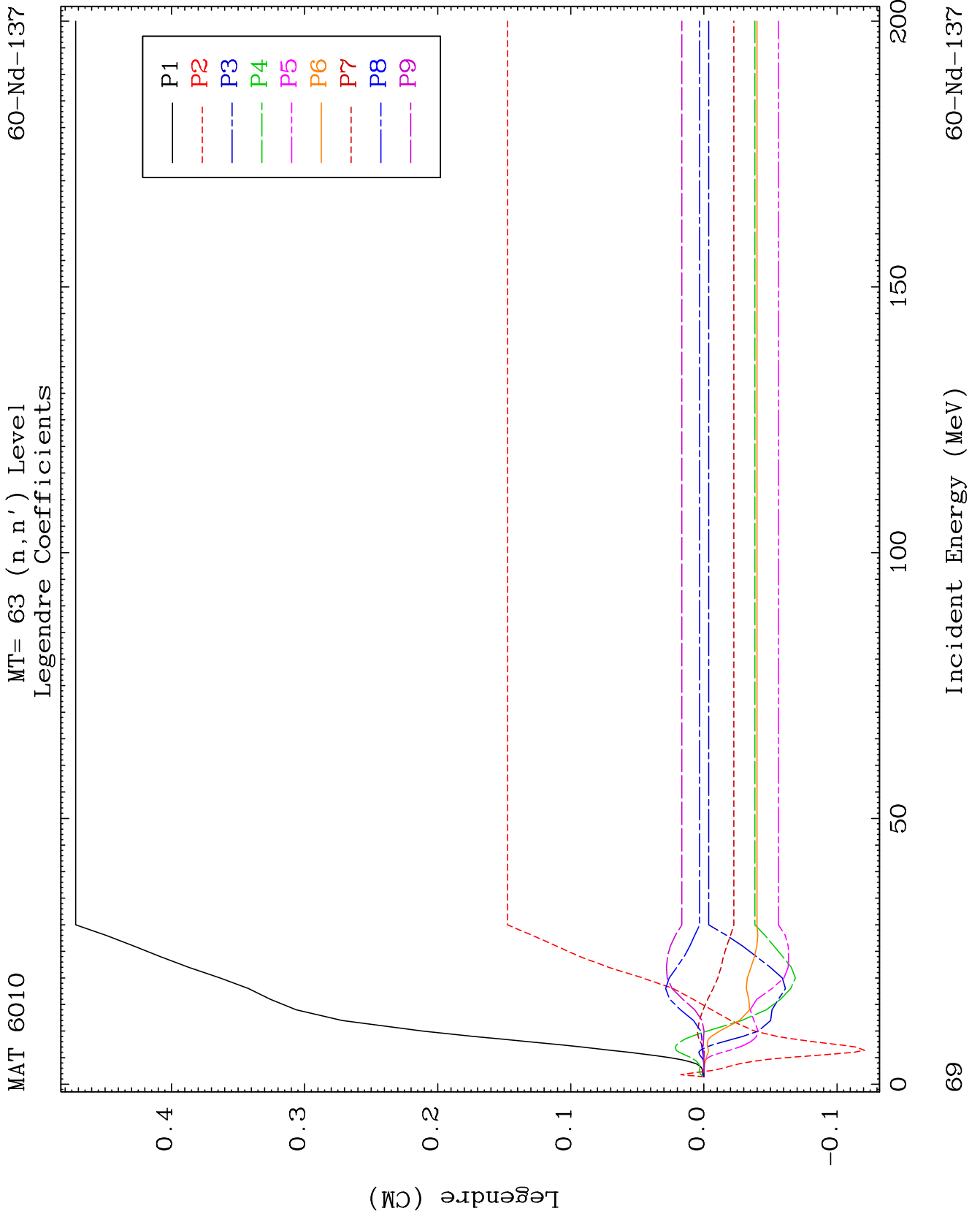


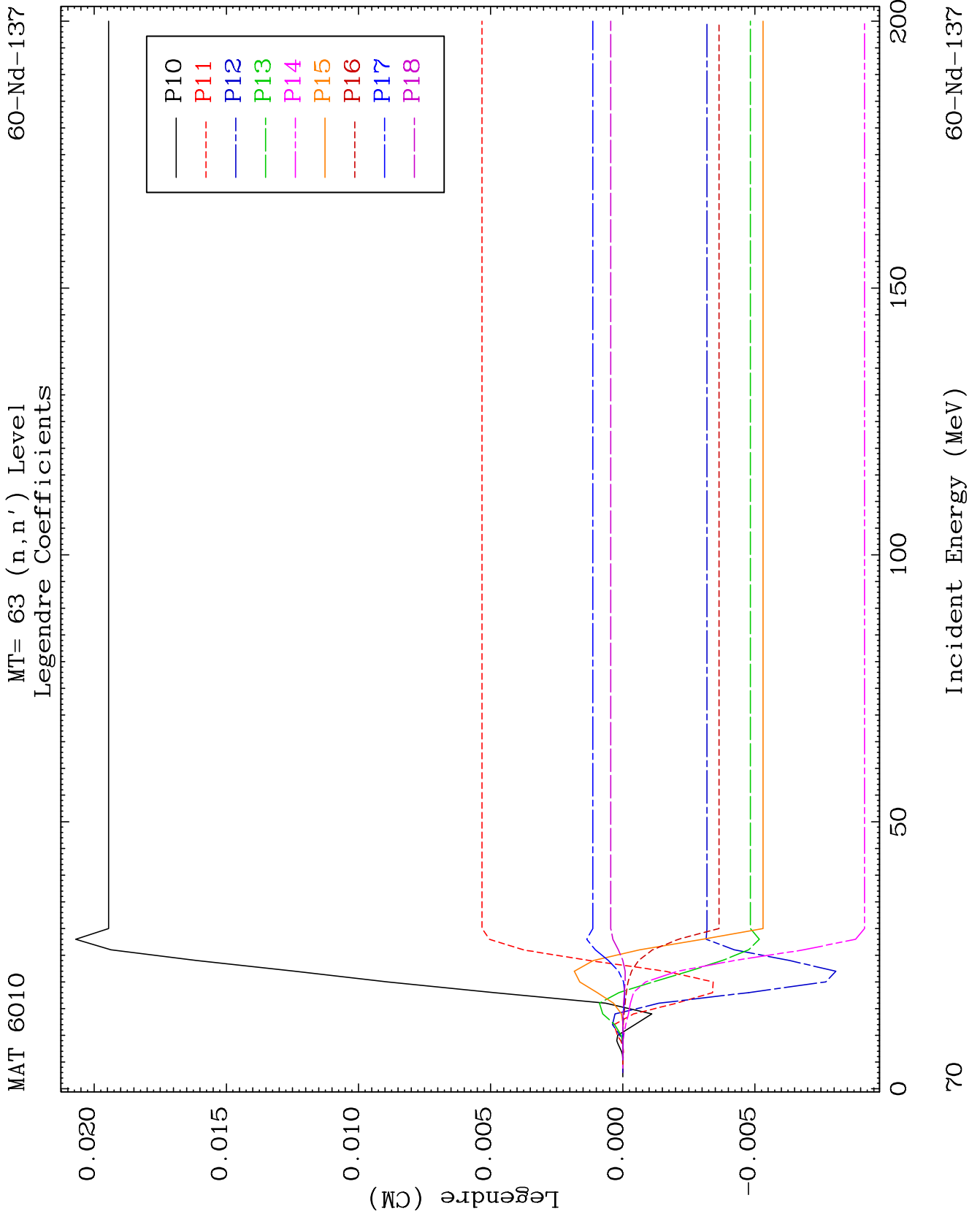








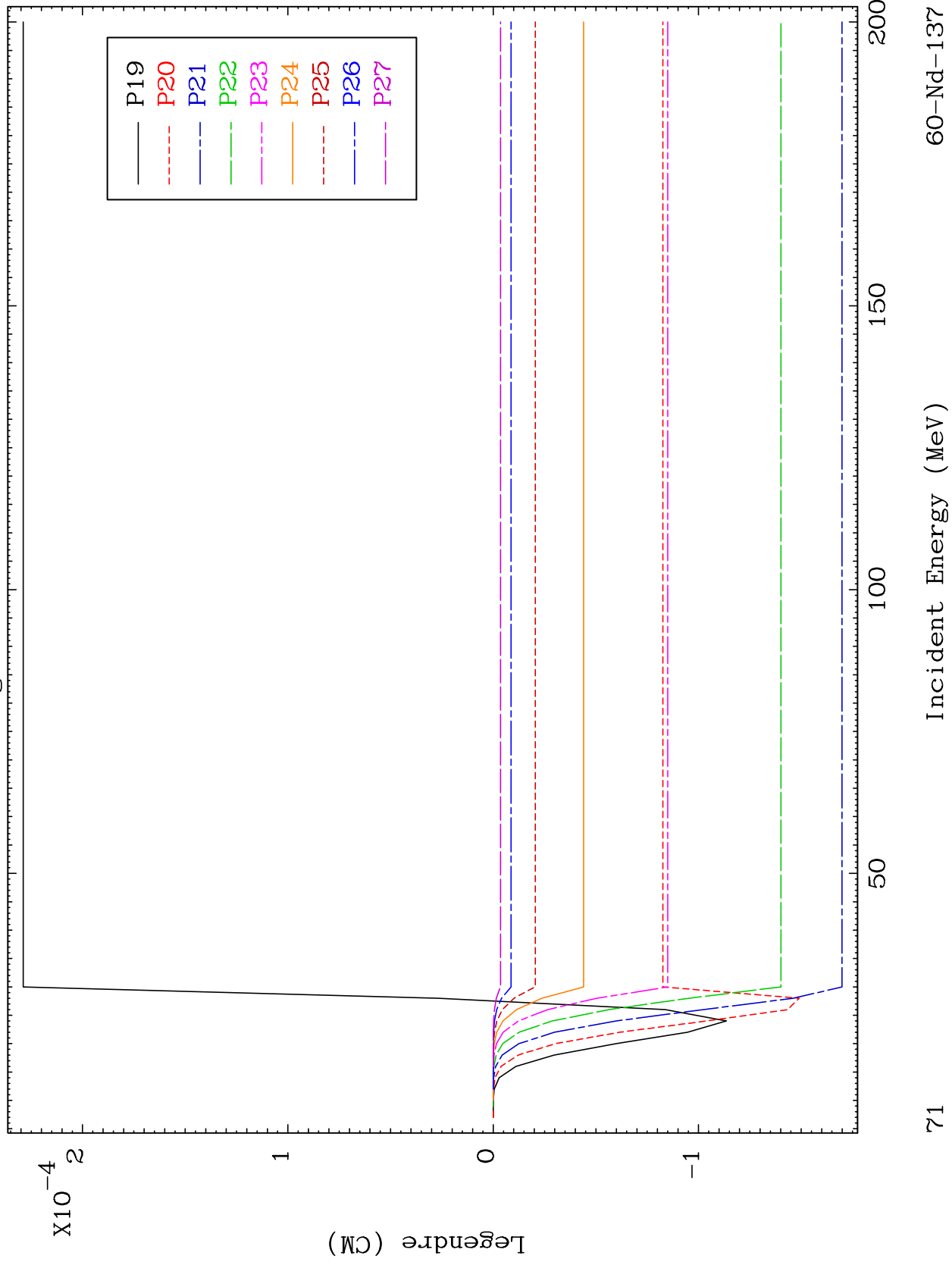


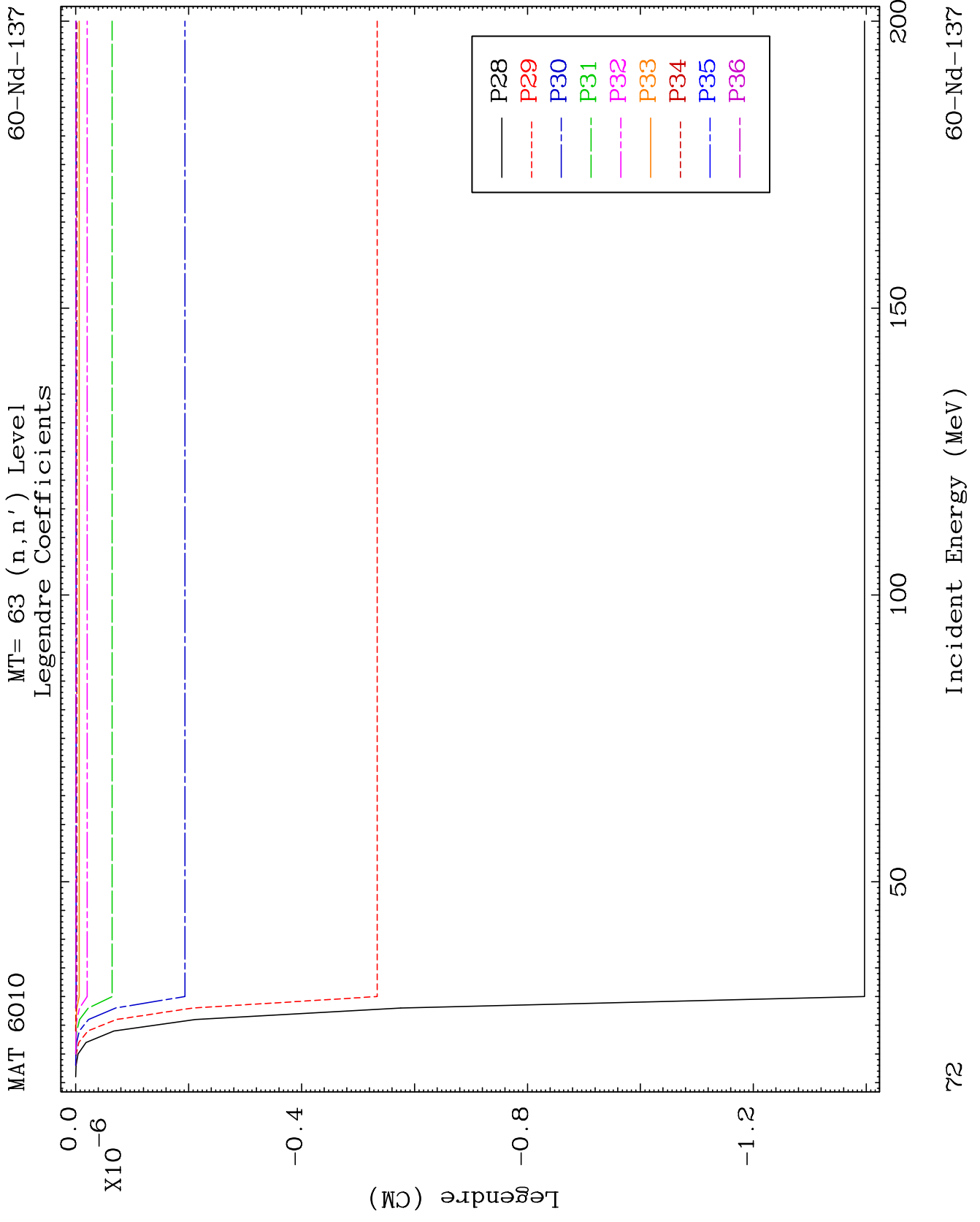


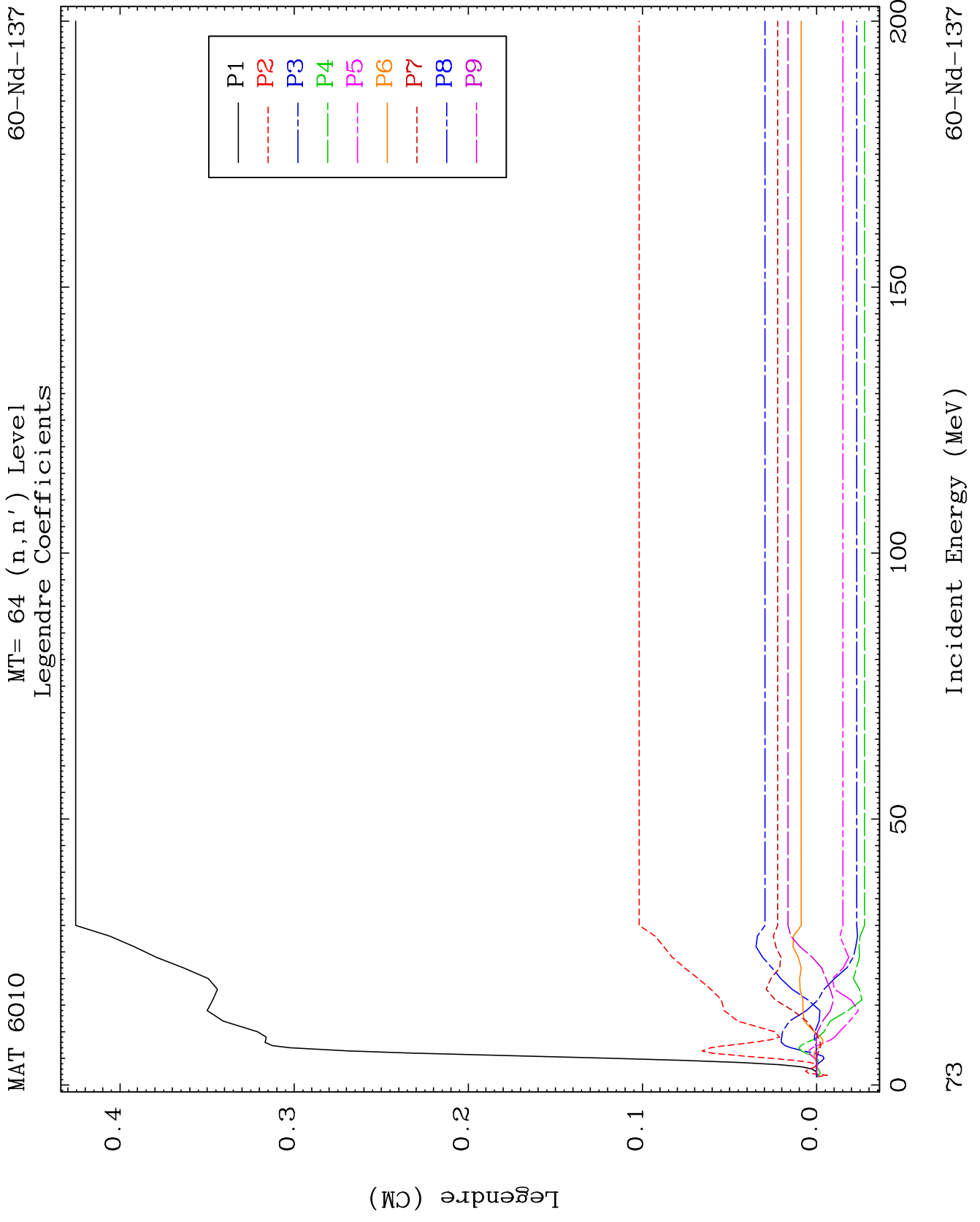
MAT 6010

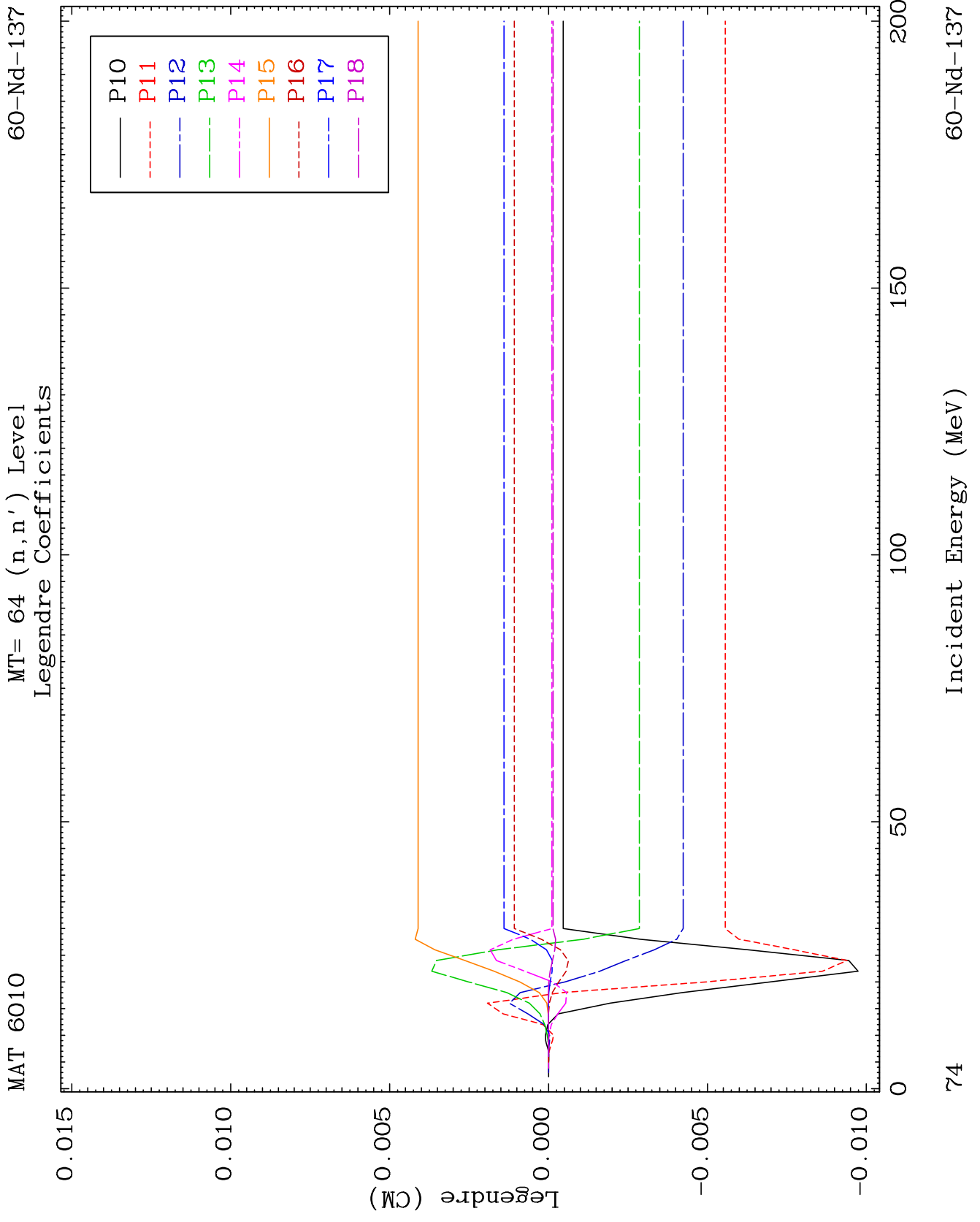
MT= 63 (n,n') Level
Legendre Coefficients

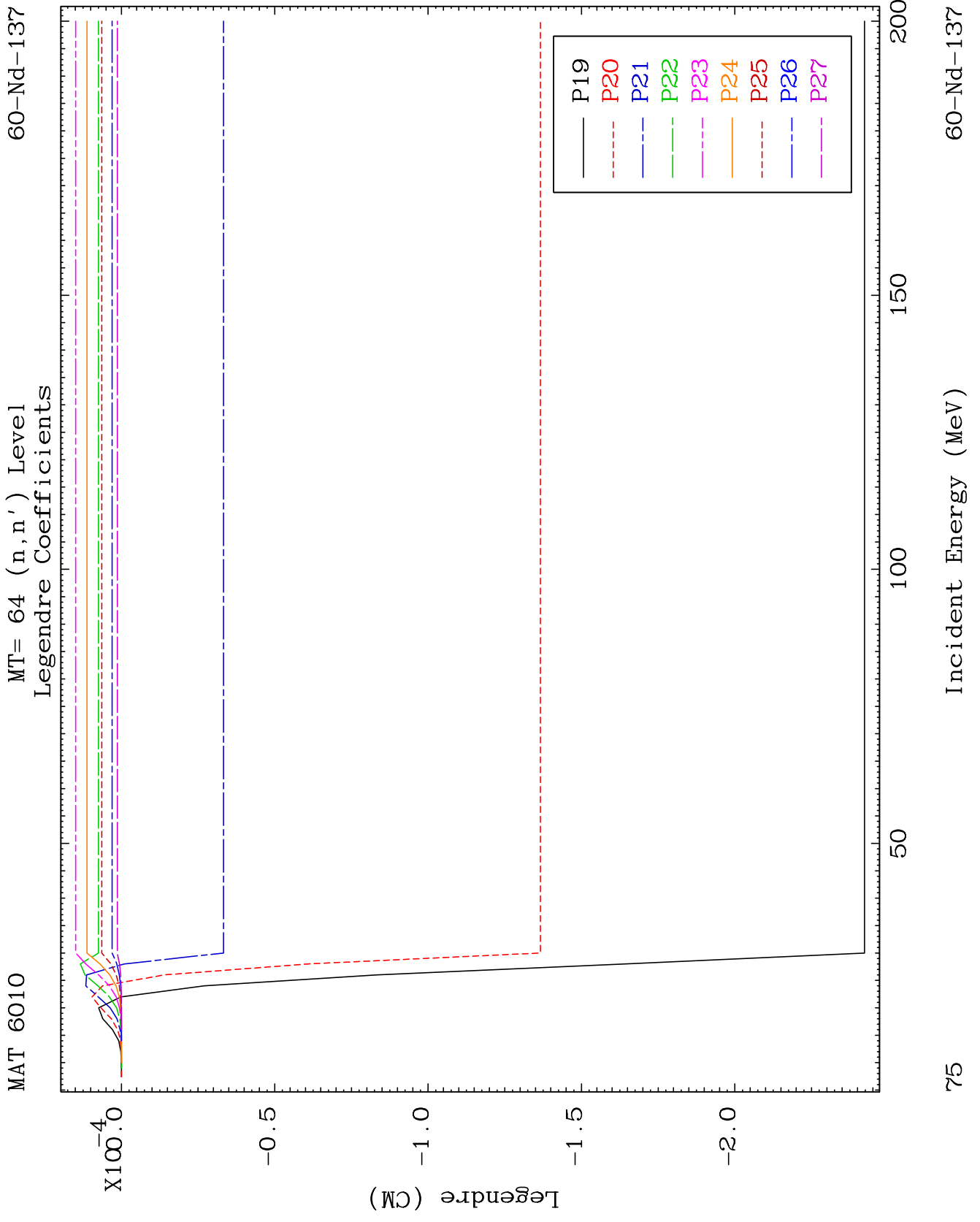
60-Nd-137

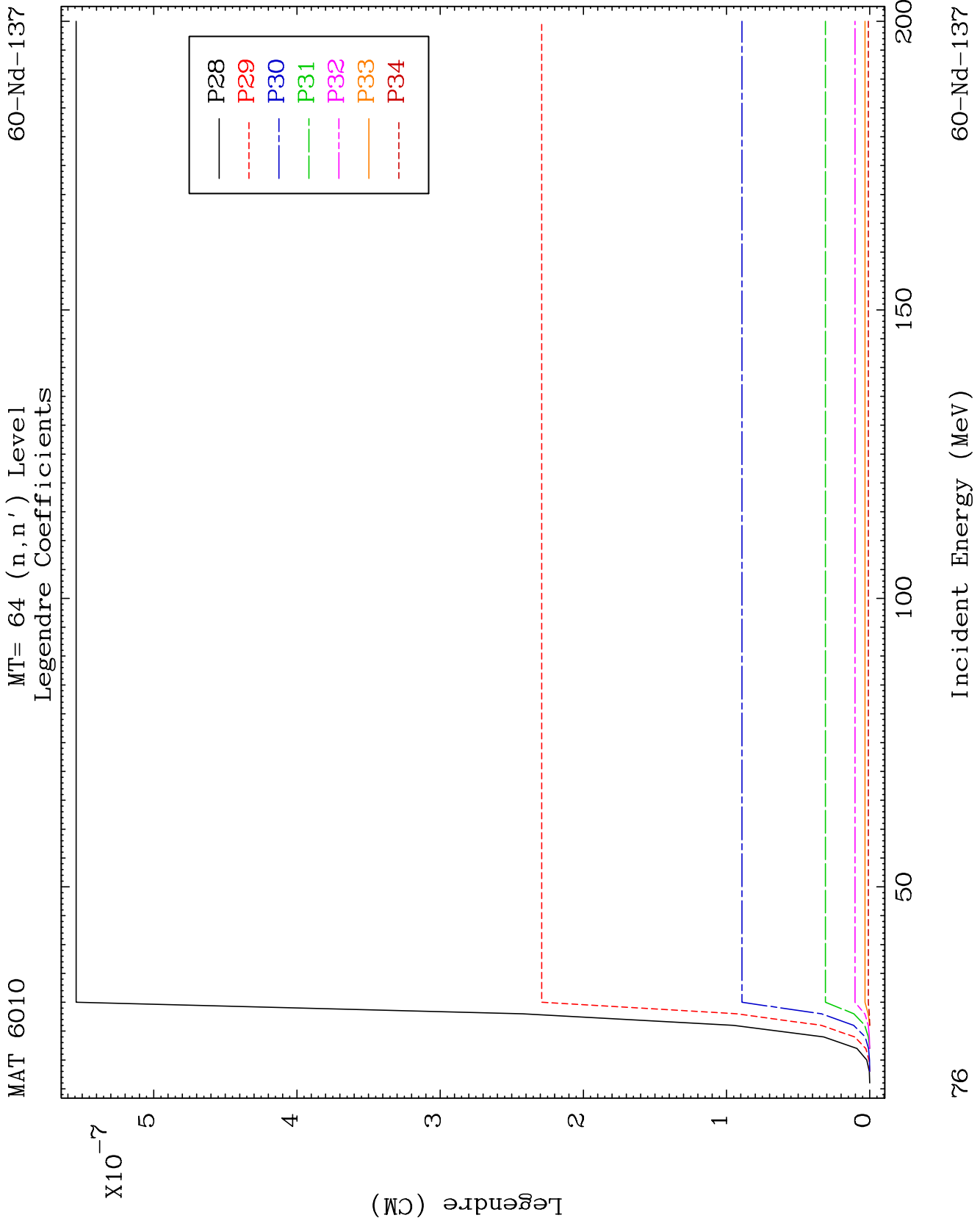


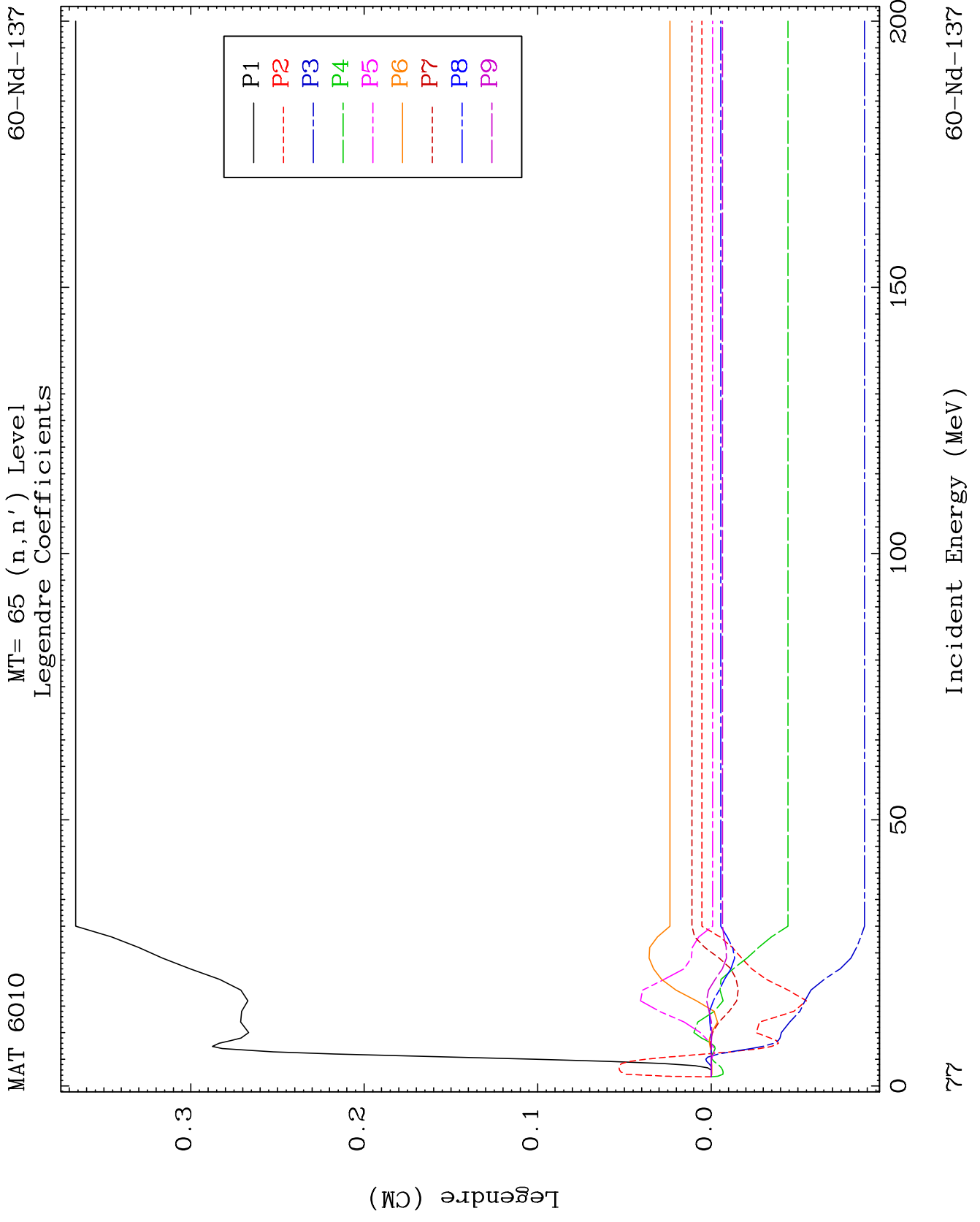








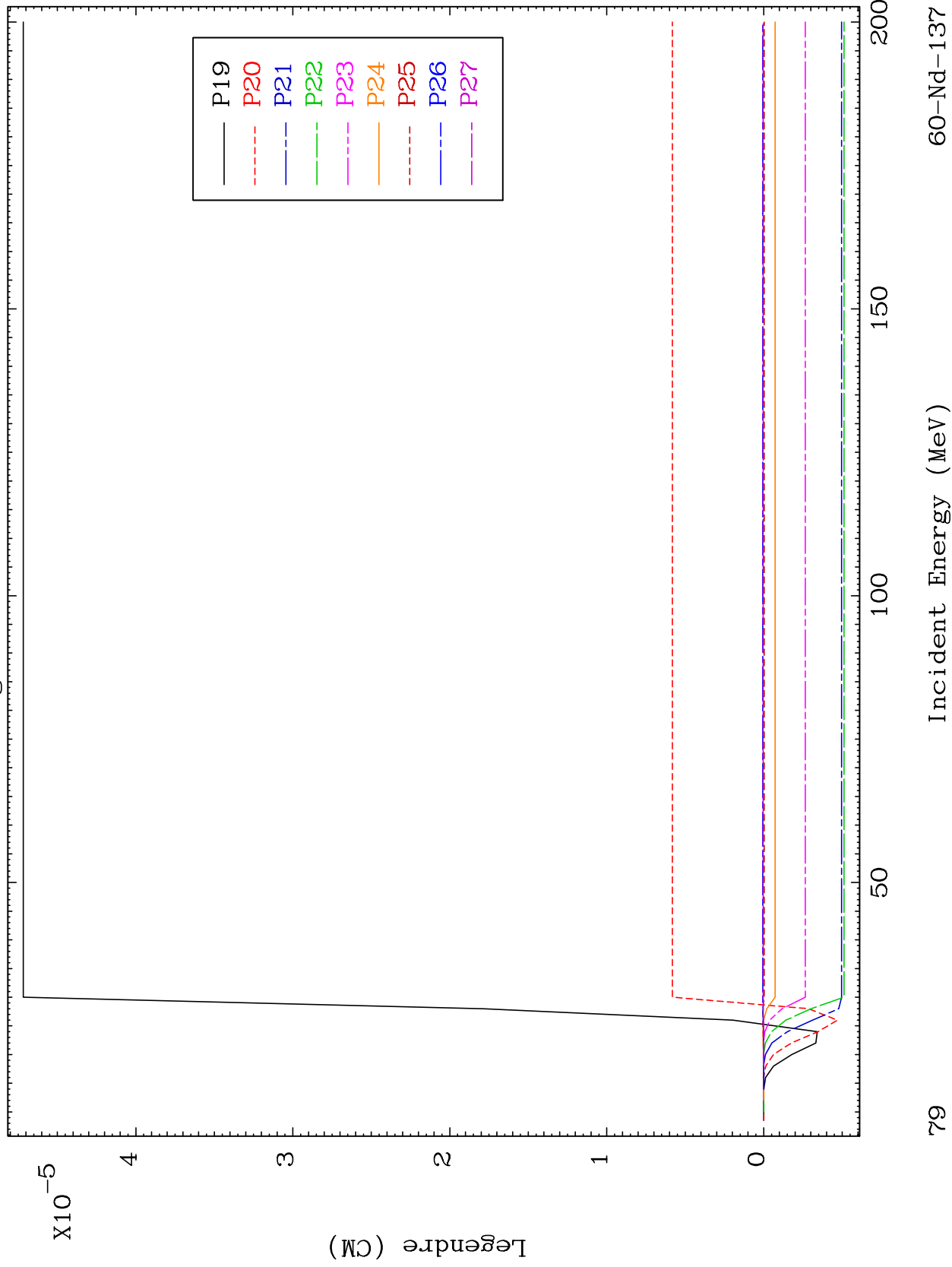


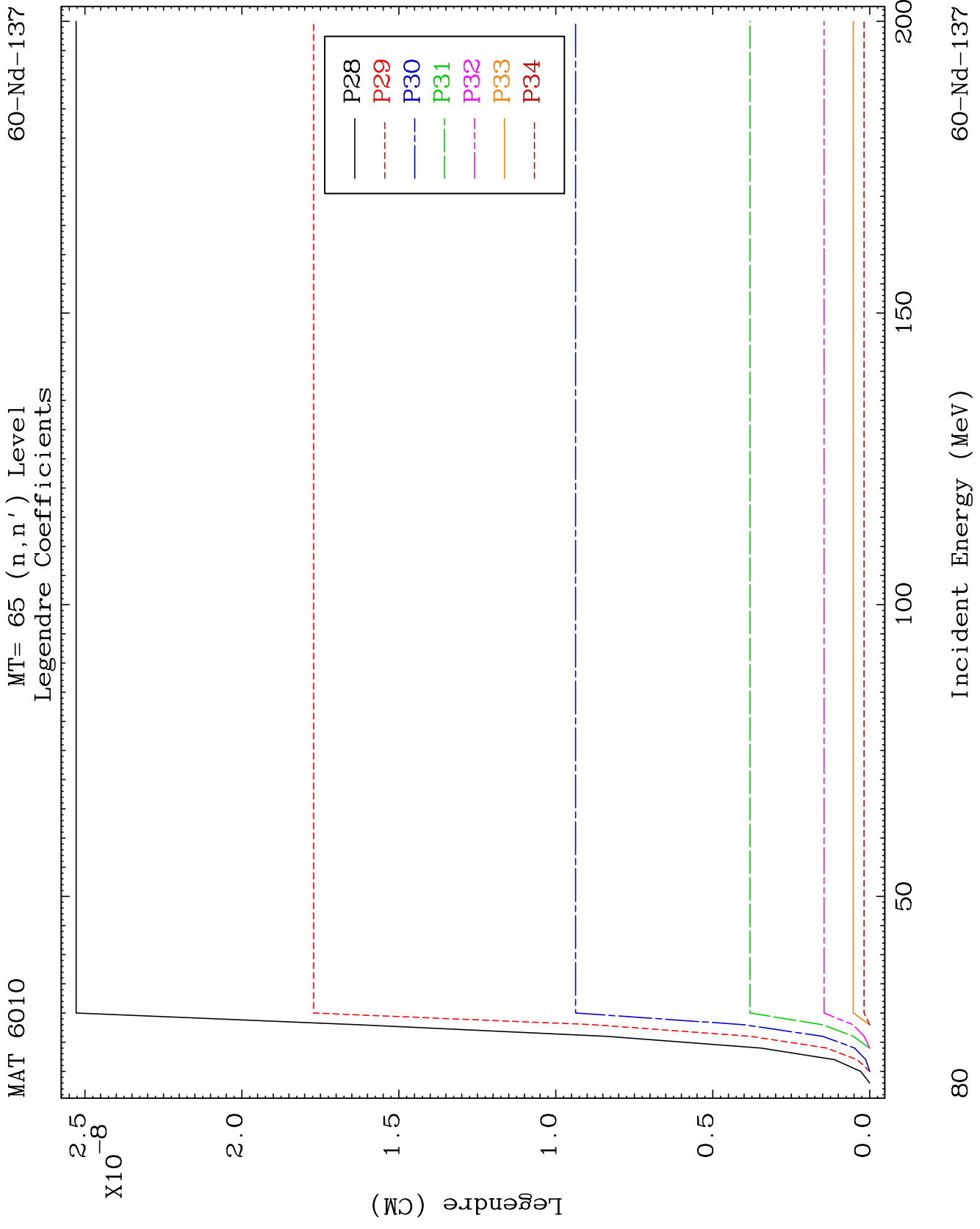


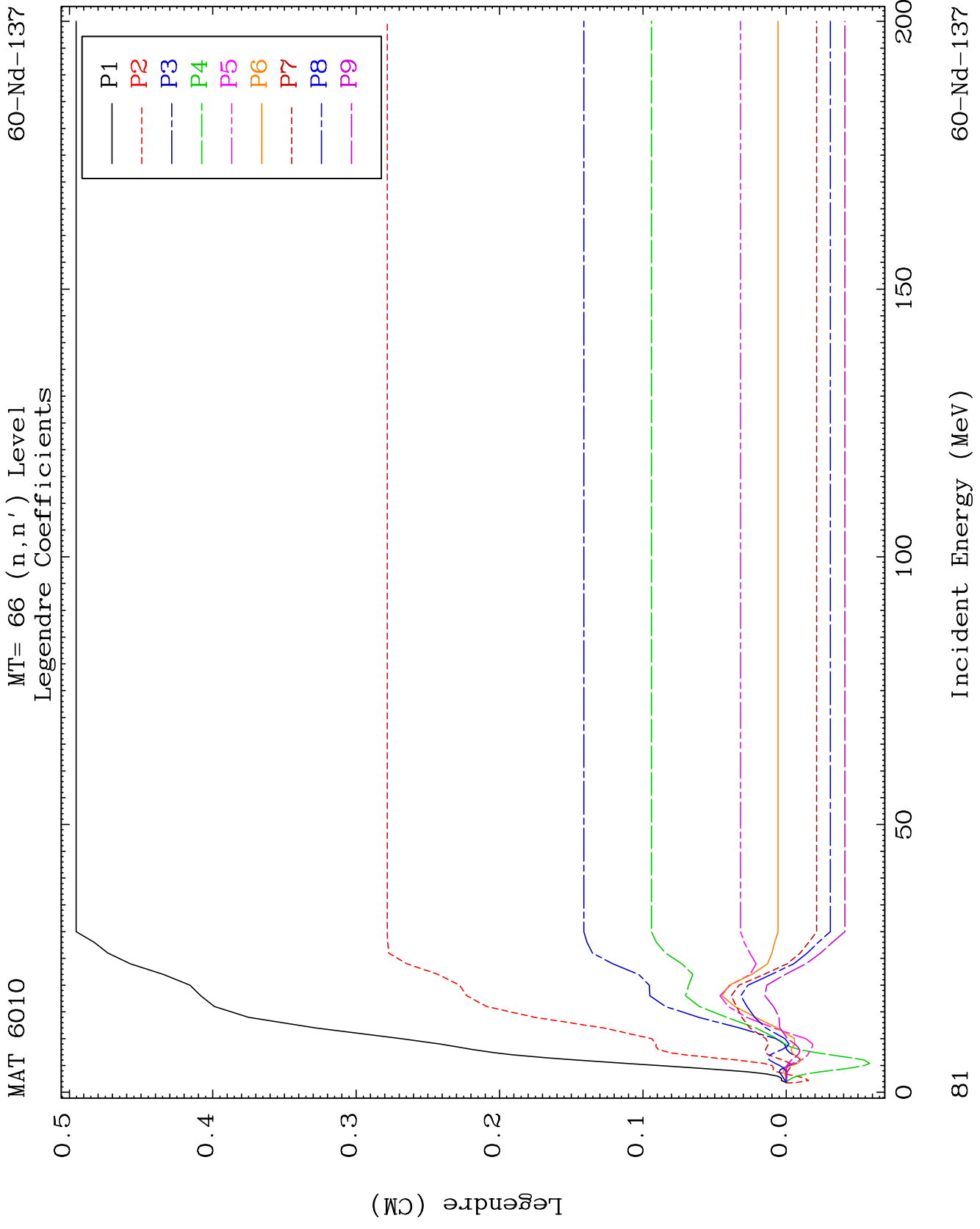
MAT 6010

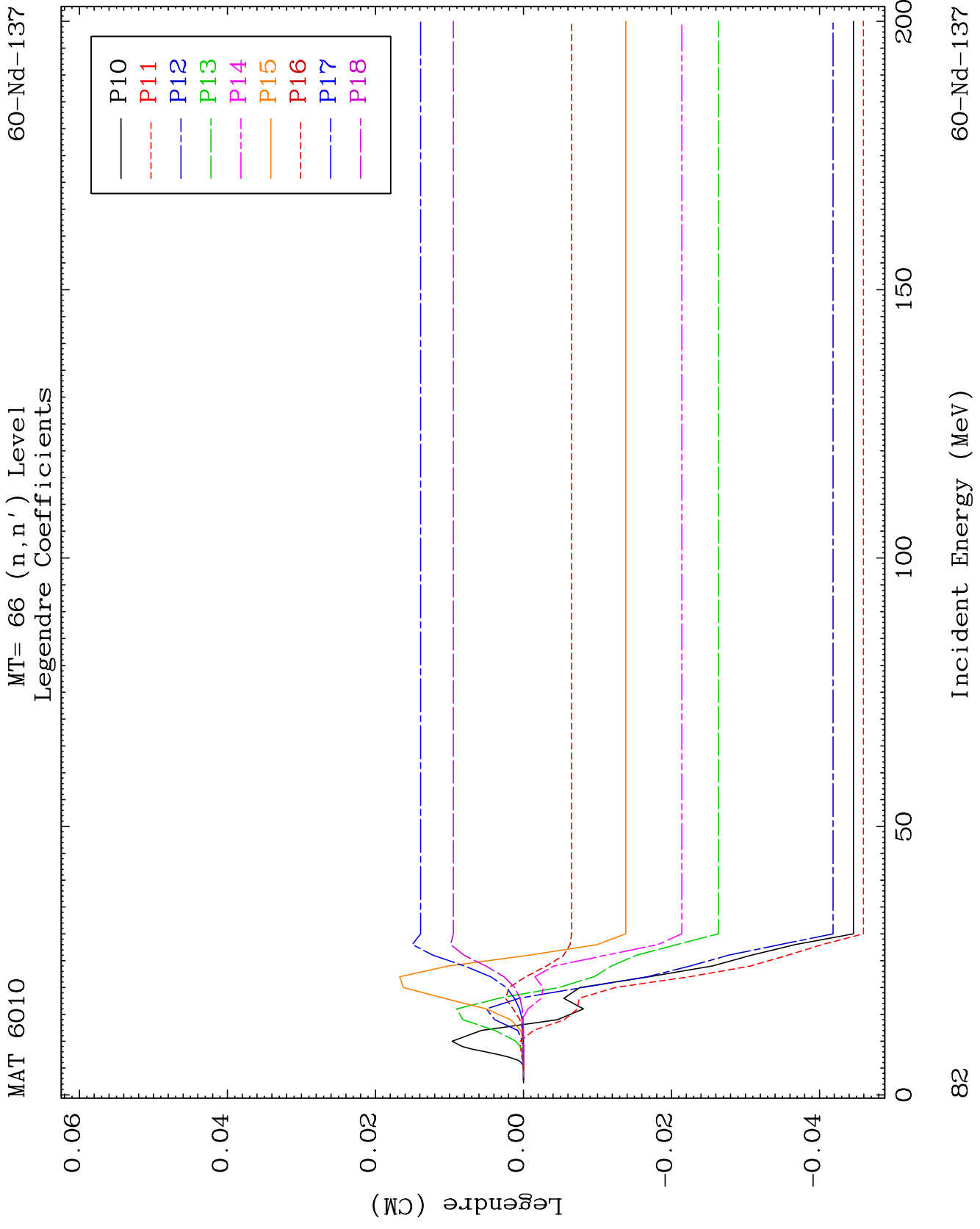
MT= 65 (n,n') Level
Legendre Coefficients

60-Nd-137





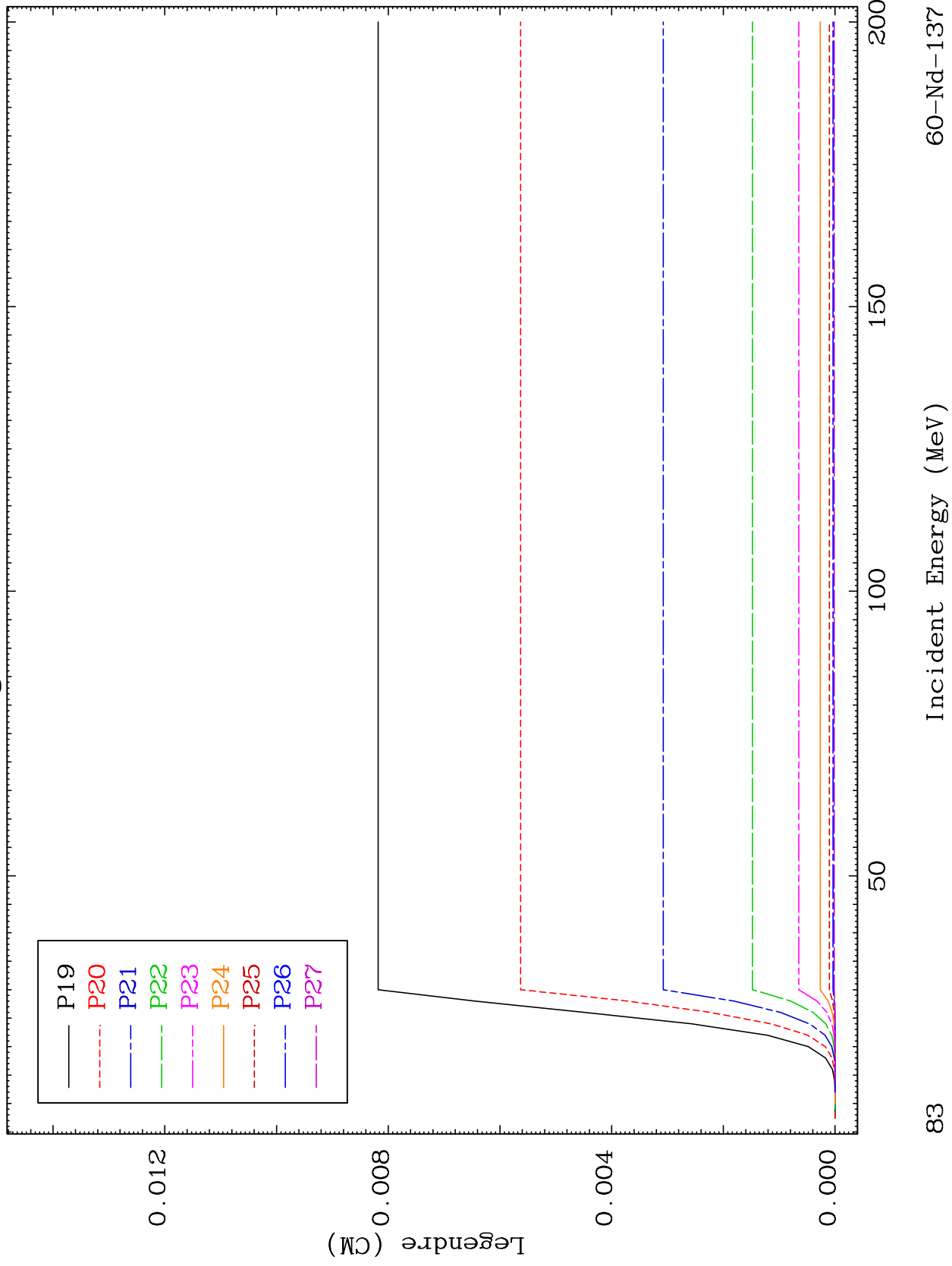




MAT 6010

MT= 66 (n,n') Level
Legendre Coefficients

60-Nd-137



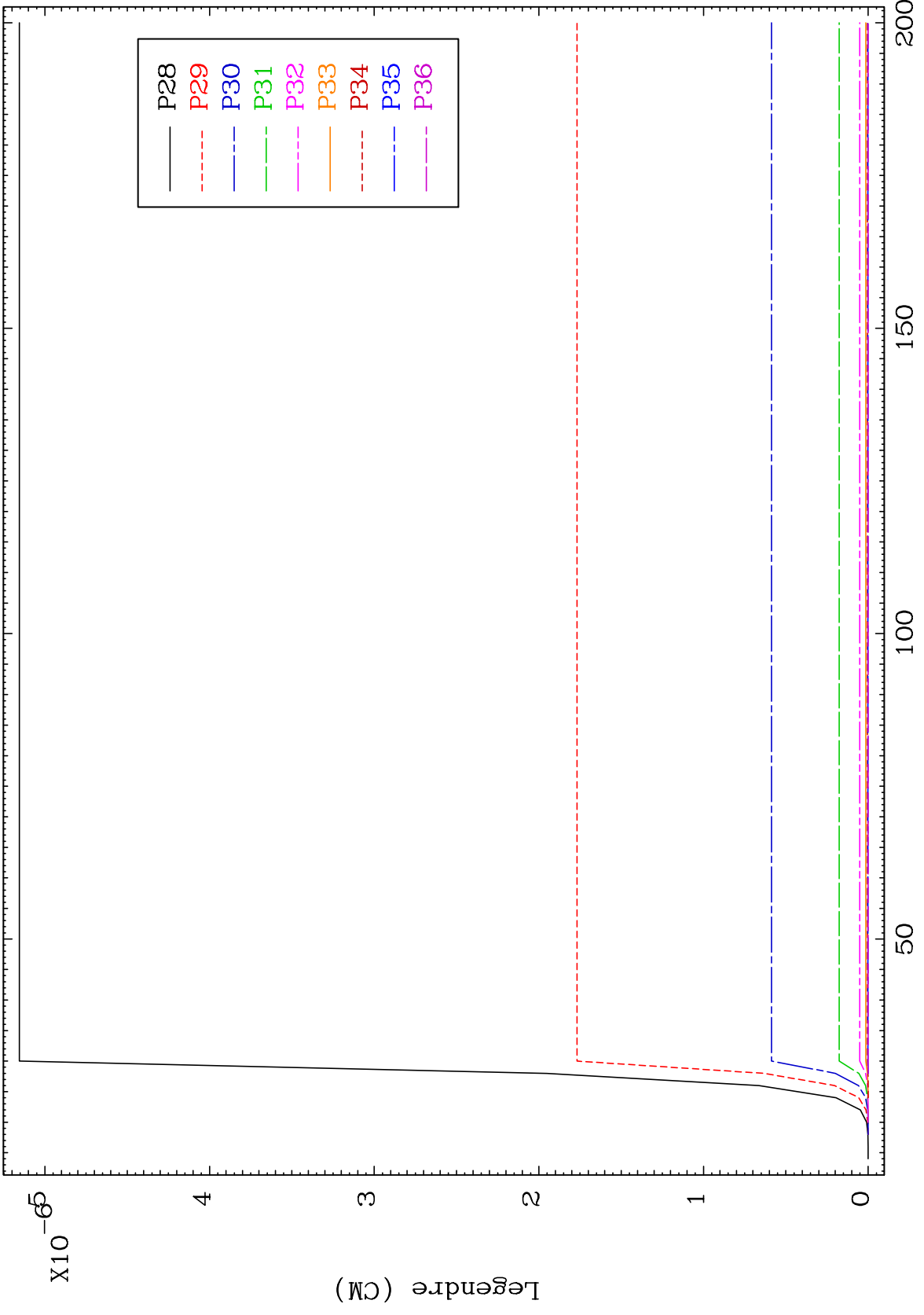
83

60-Nd-137

MAT 6010

MT= 66 (n,n') Level
Legendre Coefficients

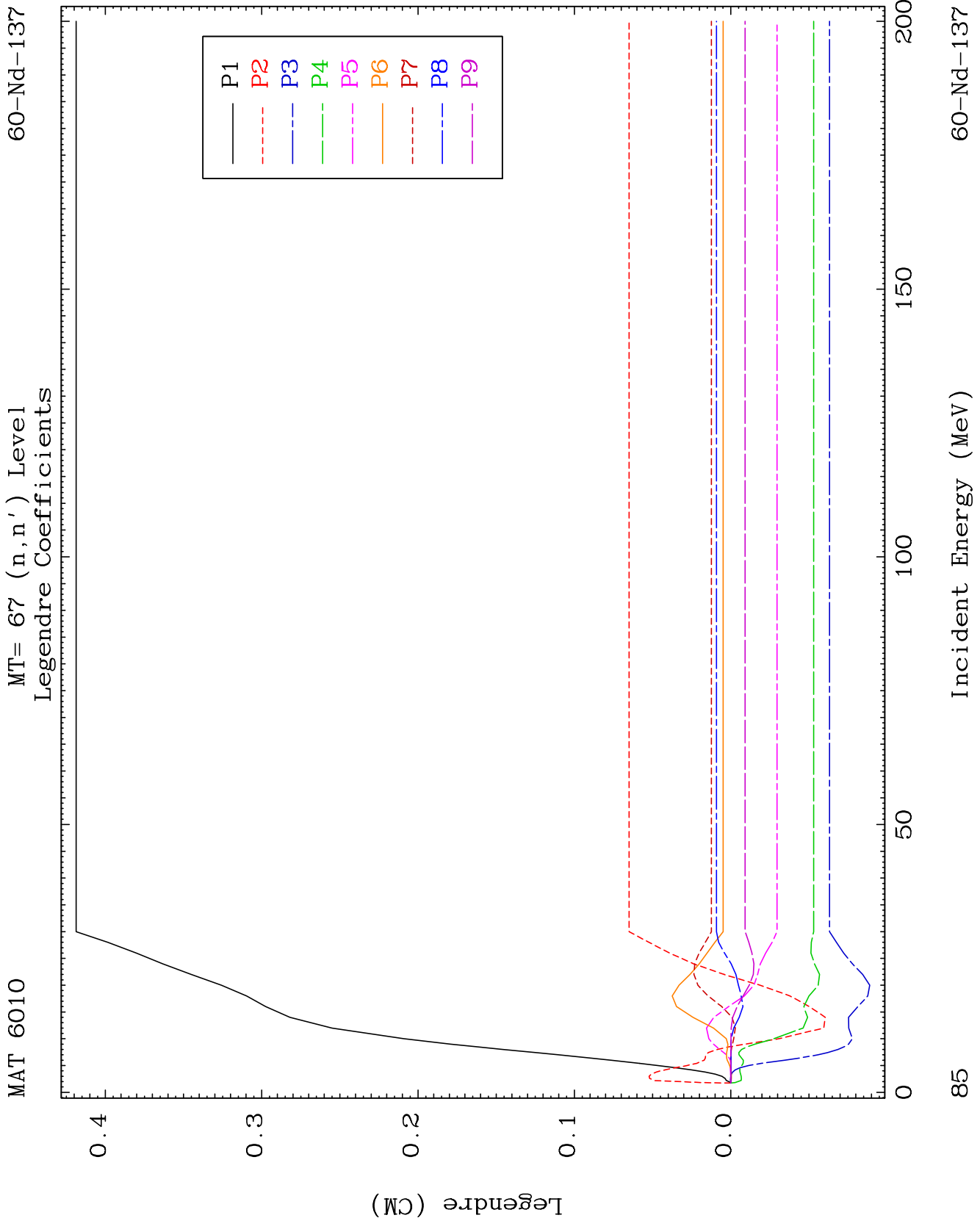
60-Nd-137

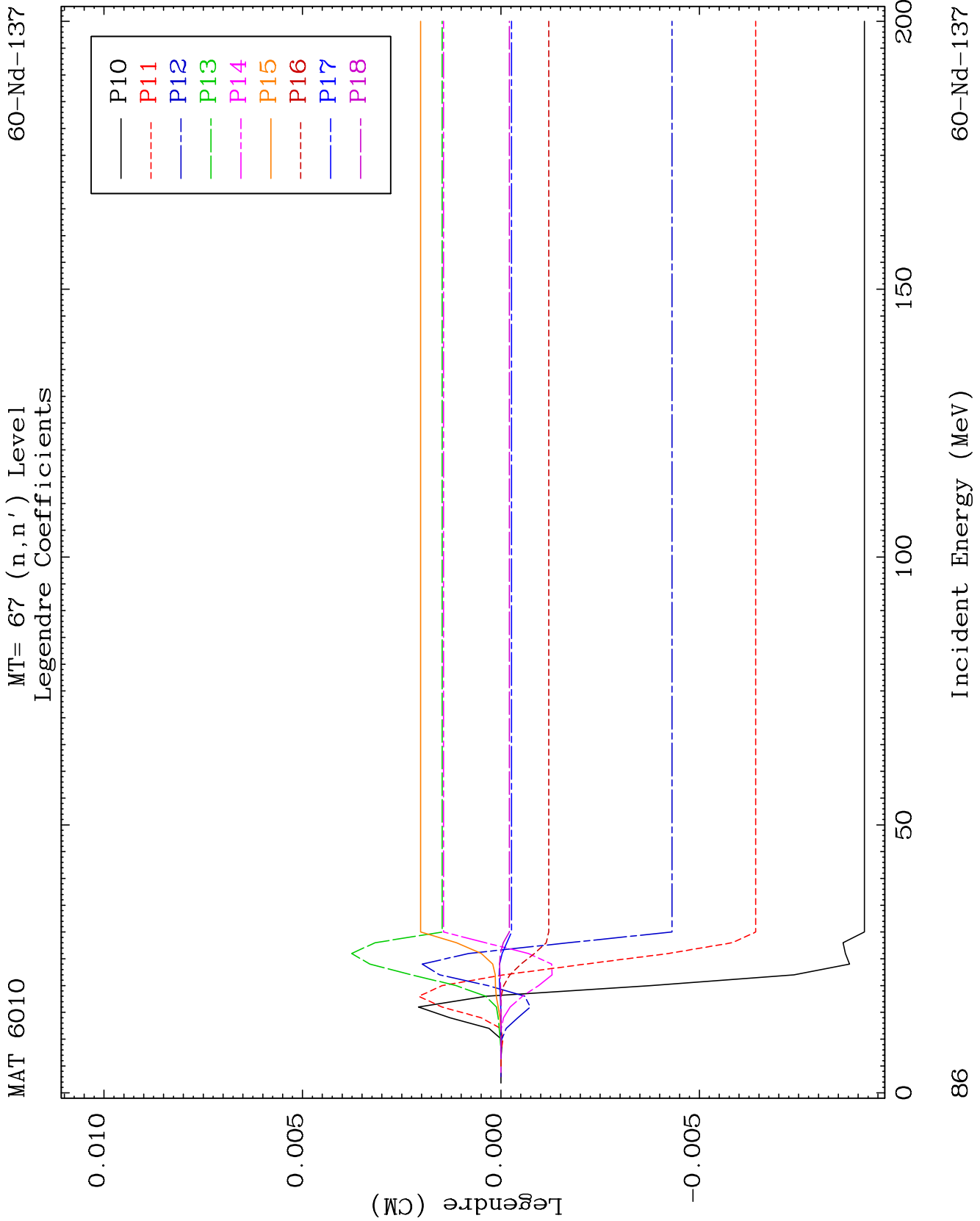


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Incident Energy (MeV)

60-Nd-137

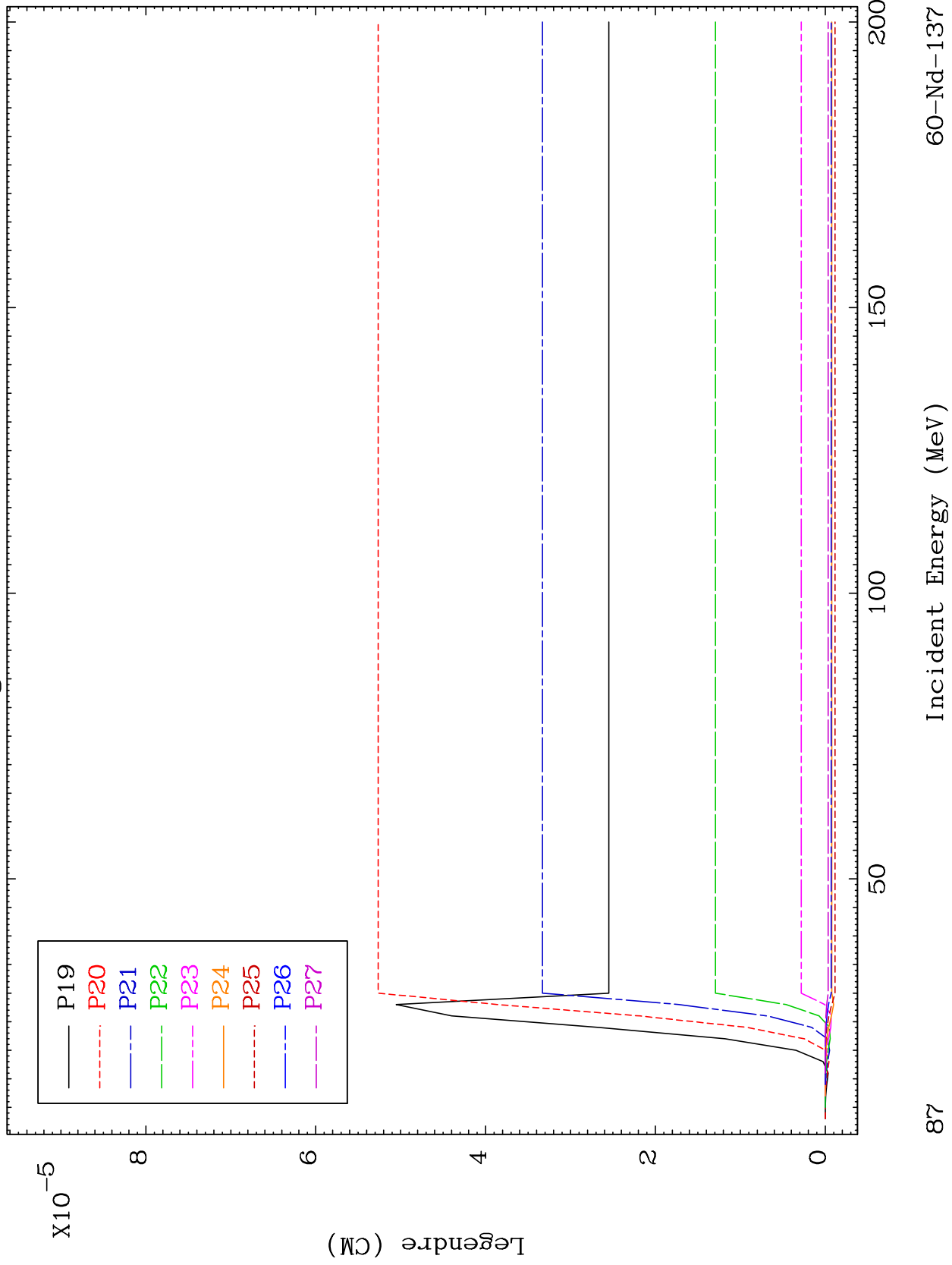




MAT 6010

MT= 67 (n,n') Level
Legendre Coefficients

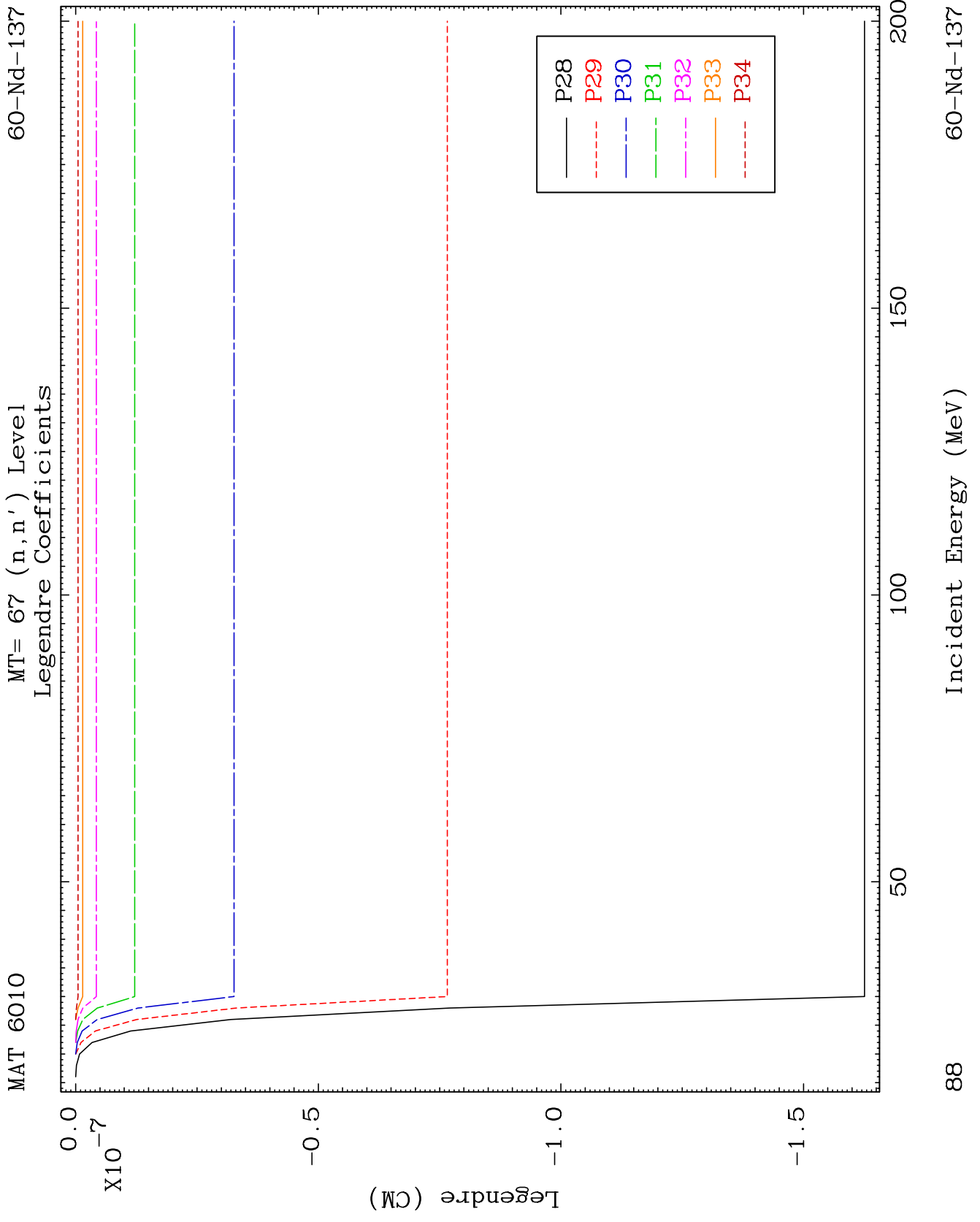
60-Nd-137

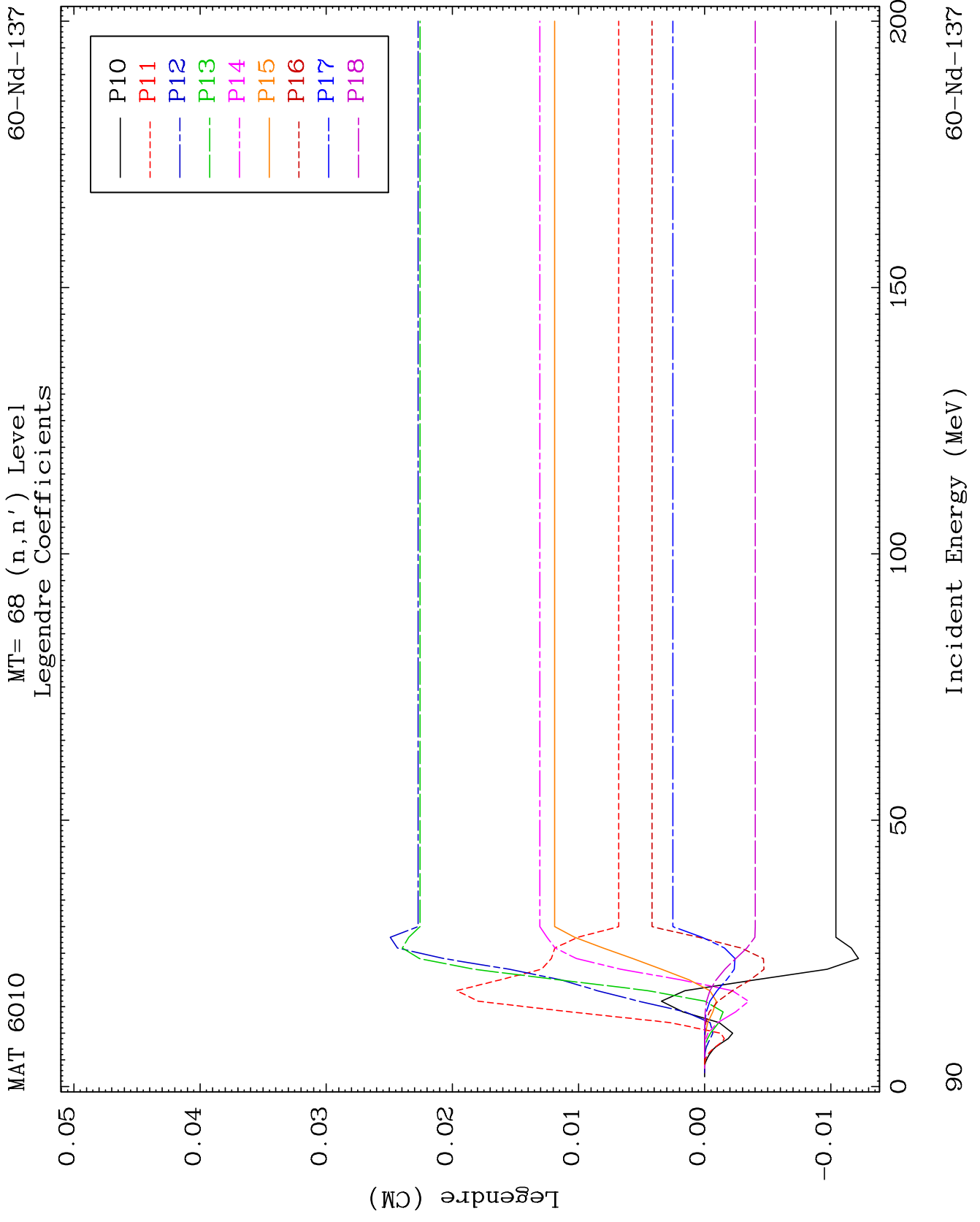


87

Incident Energy (MeV)

60-Nd-137

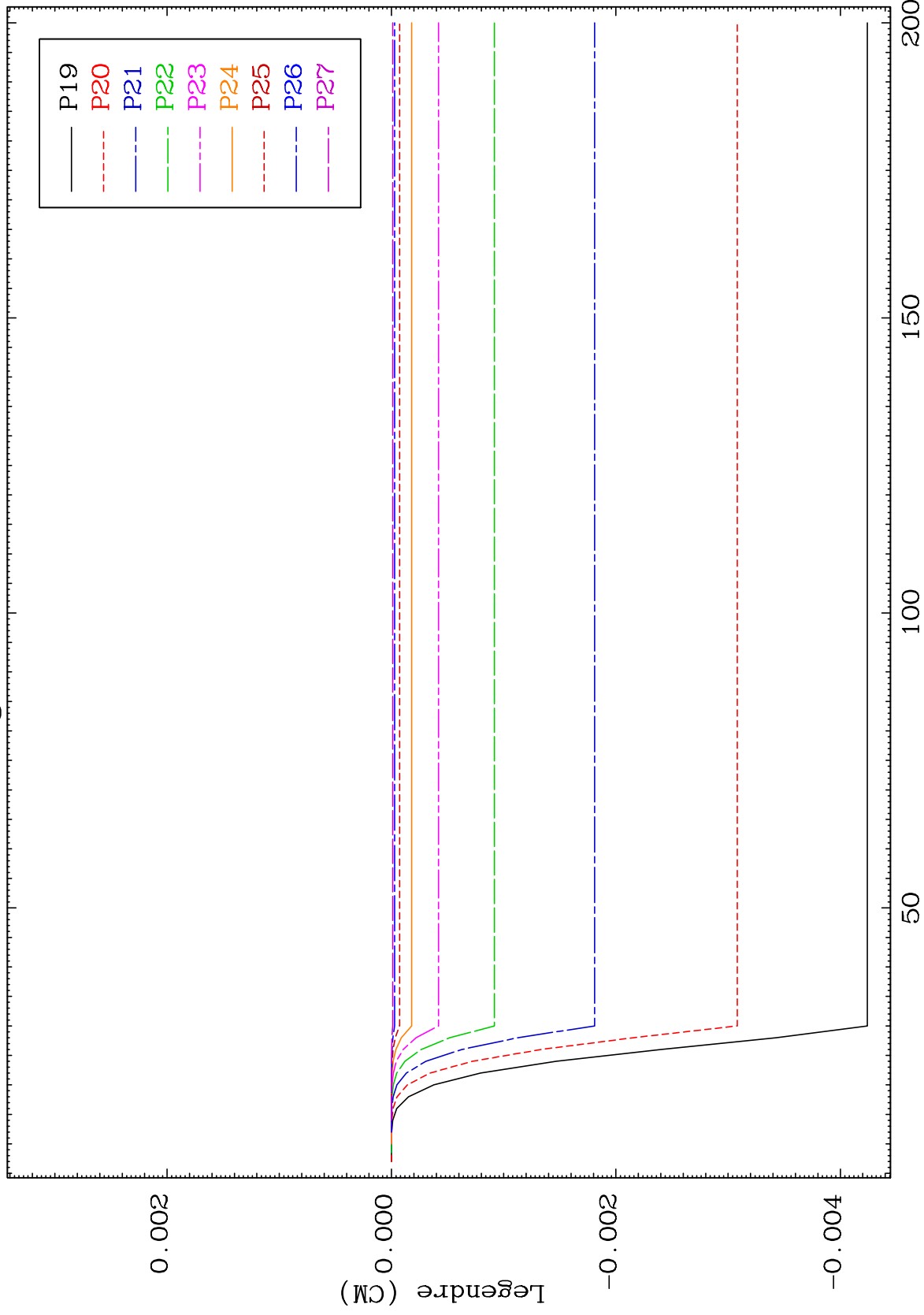


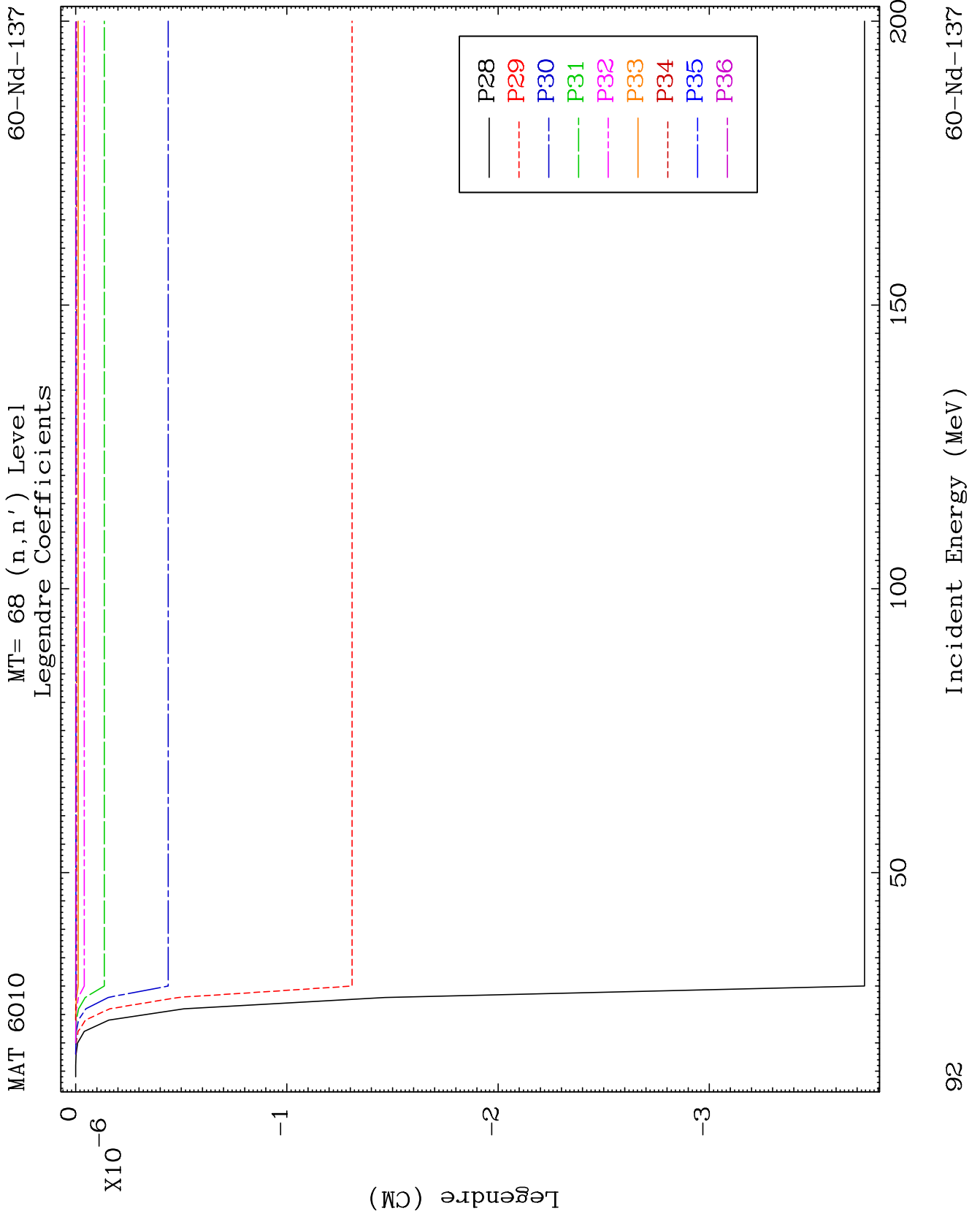


MAT 6010

MT= 68 (n,n') Level
Legendre Coefficients

60-Nd-137

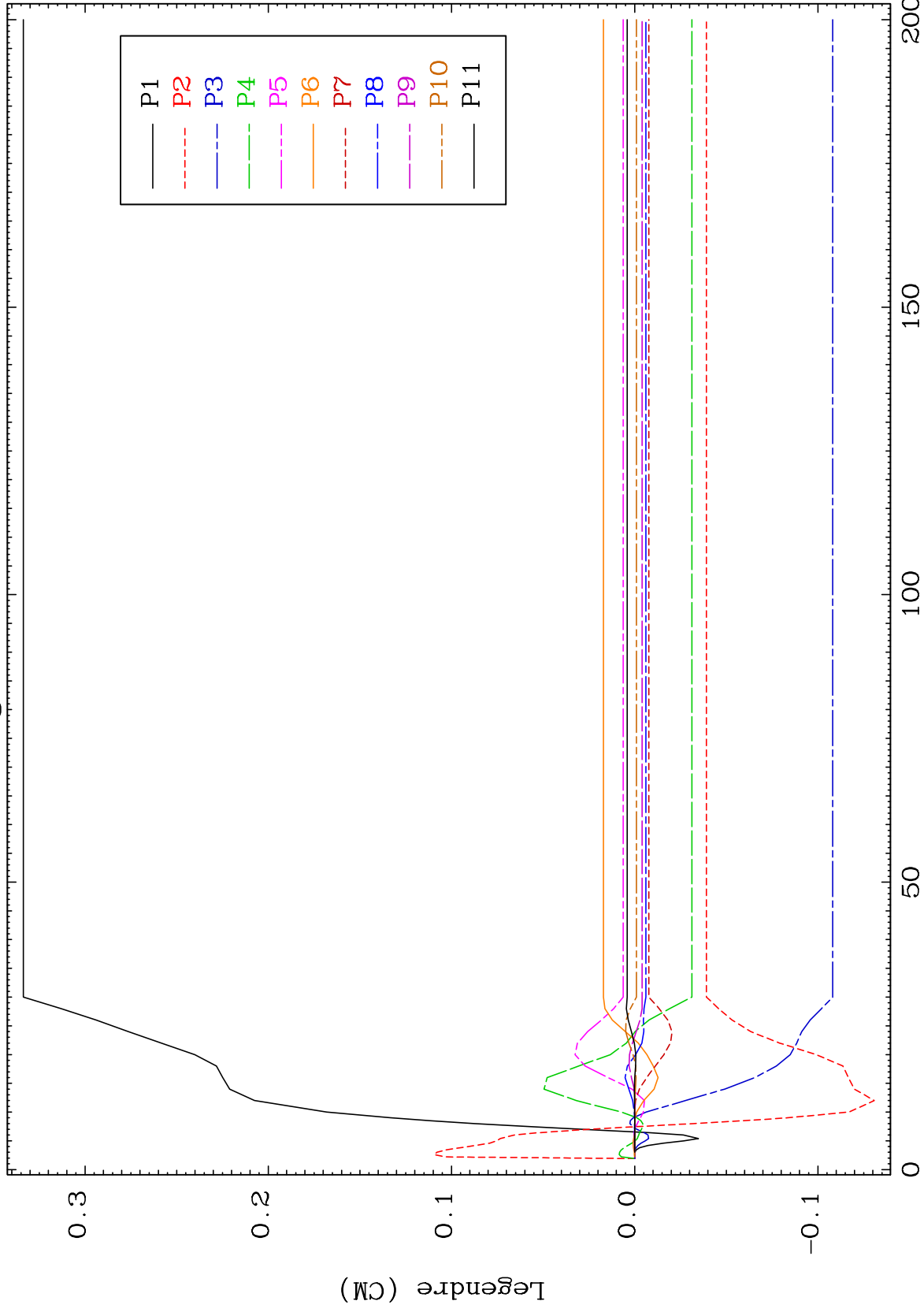




MAT 6010

MT= 69 (n,n') Level
Legendre Coefficients

60-Nd-137



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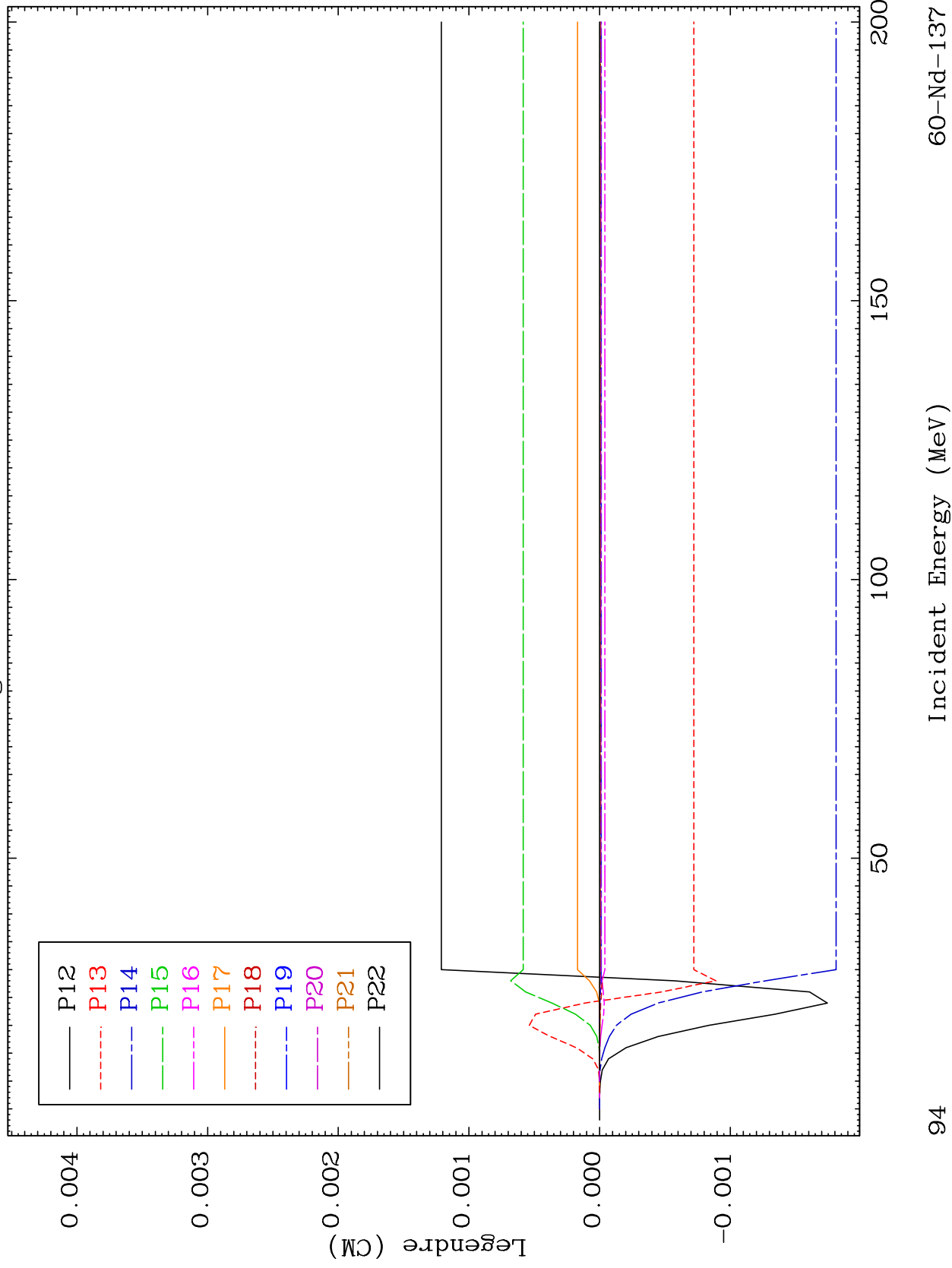
Incident Energy (MeV)

60-Nd-137

MAT 6010

MT= 69 (n,n') Level
Legendre Coefficients

60-Nd-137



94

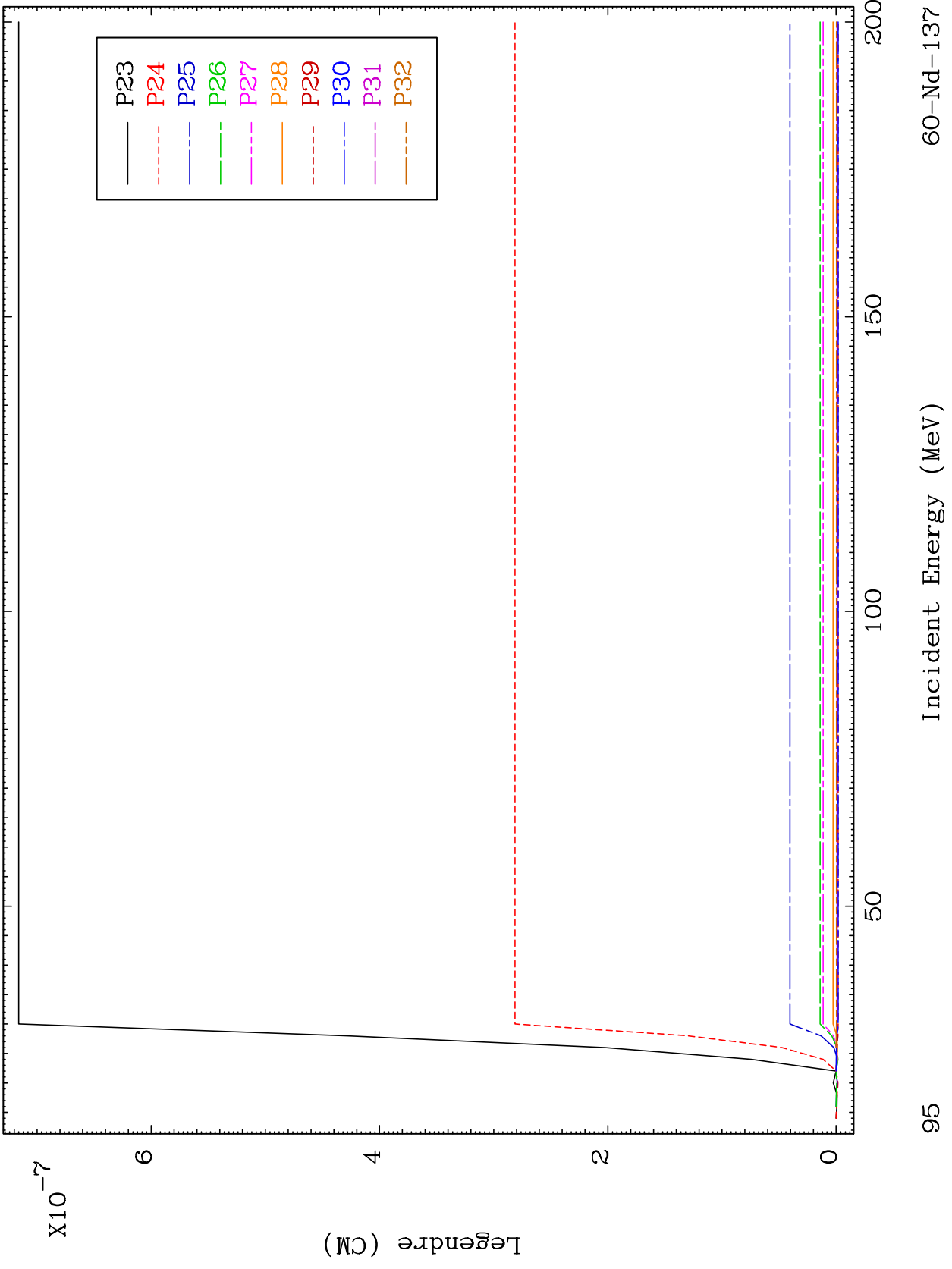
Incident Energy (MeV)

60-Nd-137

MAT 6010

MT= 69 (n,n') Level
Legendre Coefficients

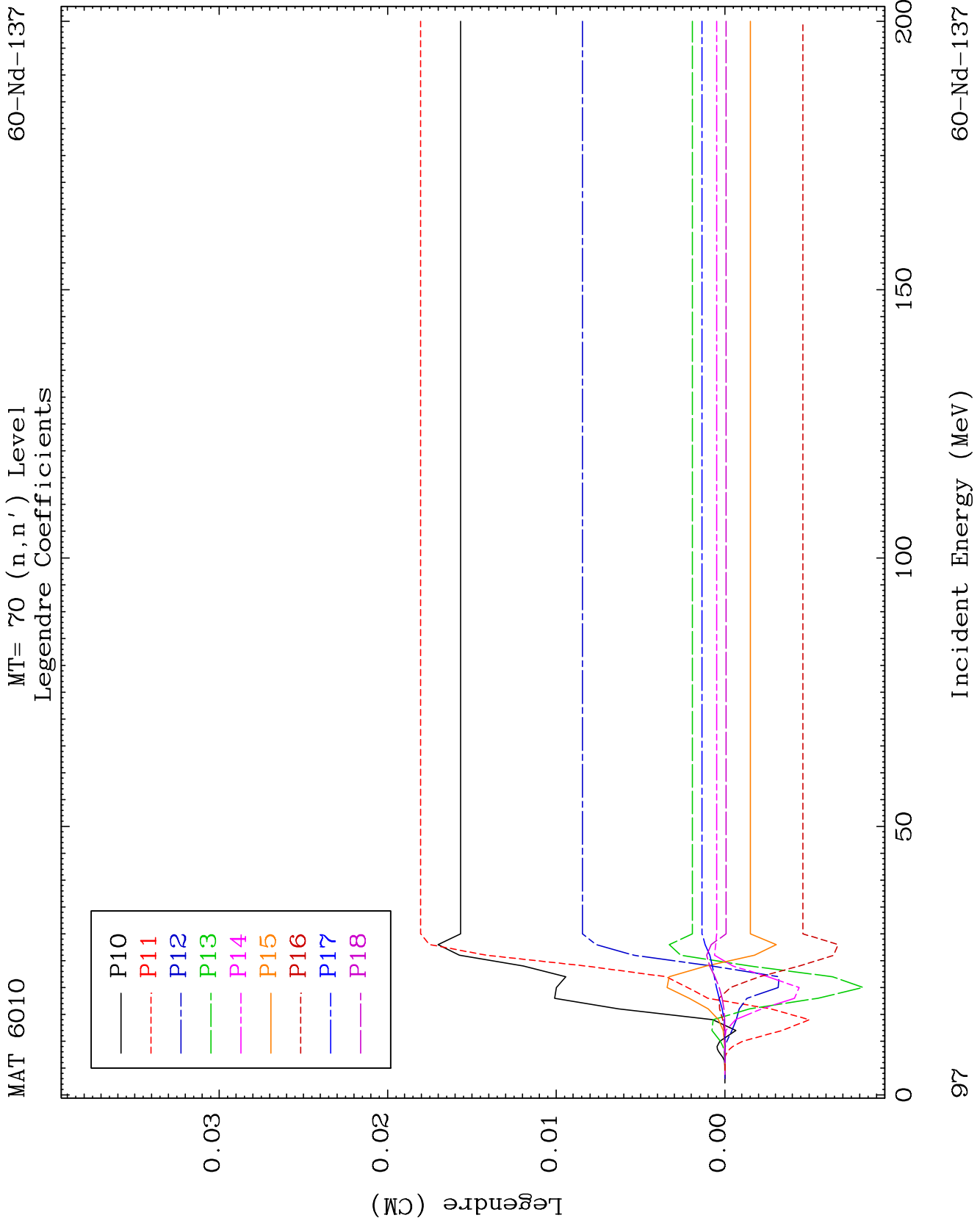
60-Nd-137



95

Incident Energy (MeV)

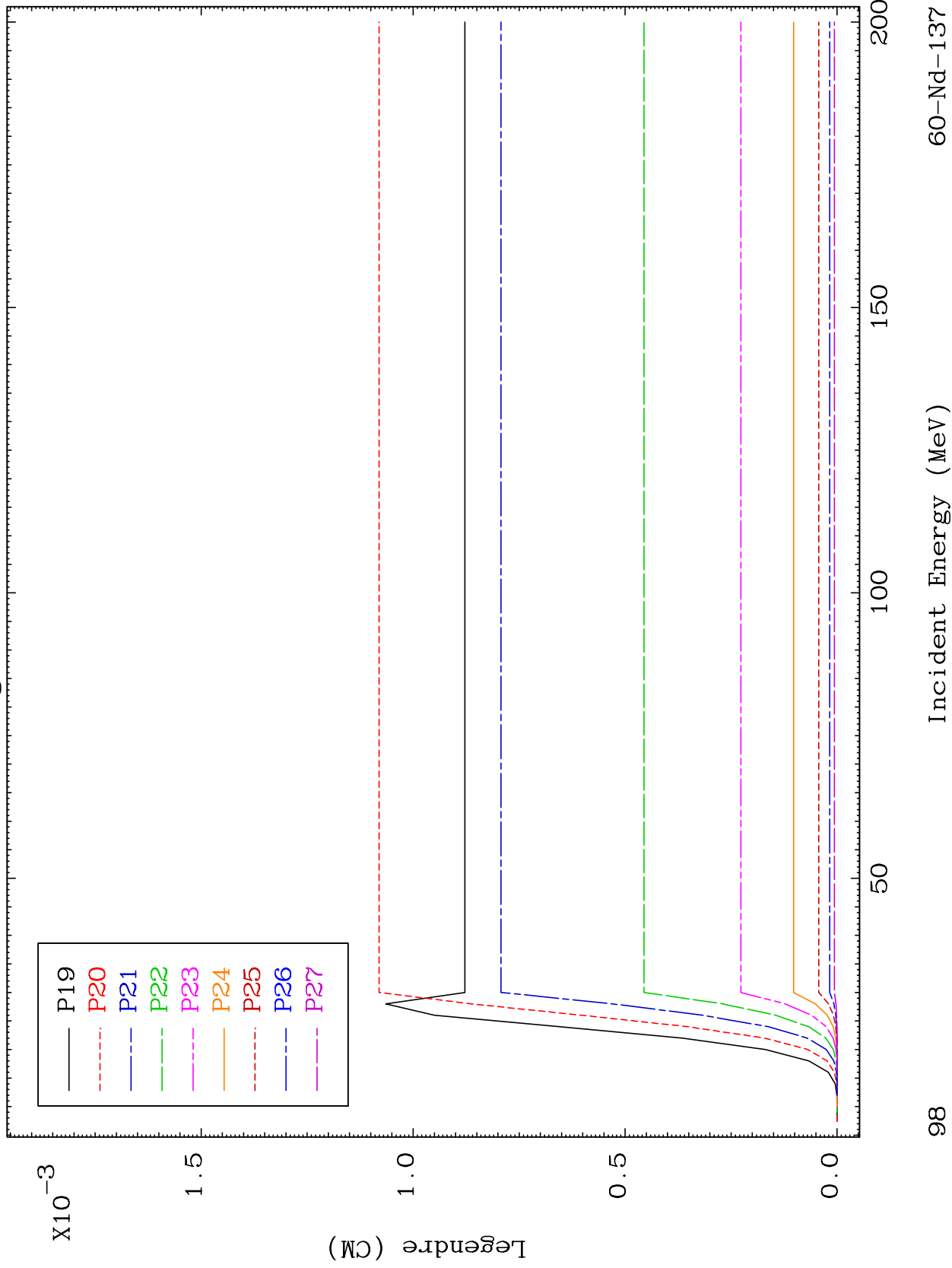
60-Nd-137

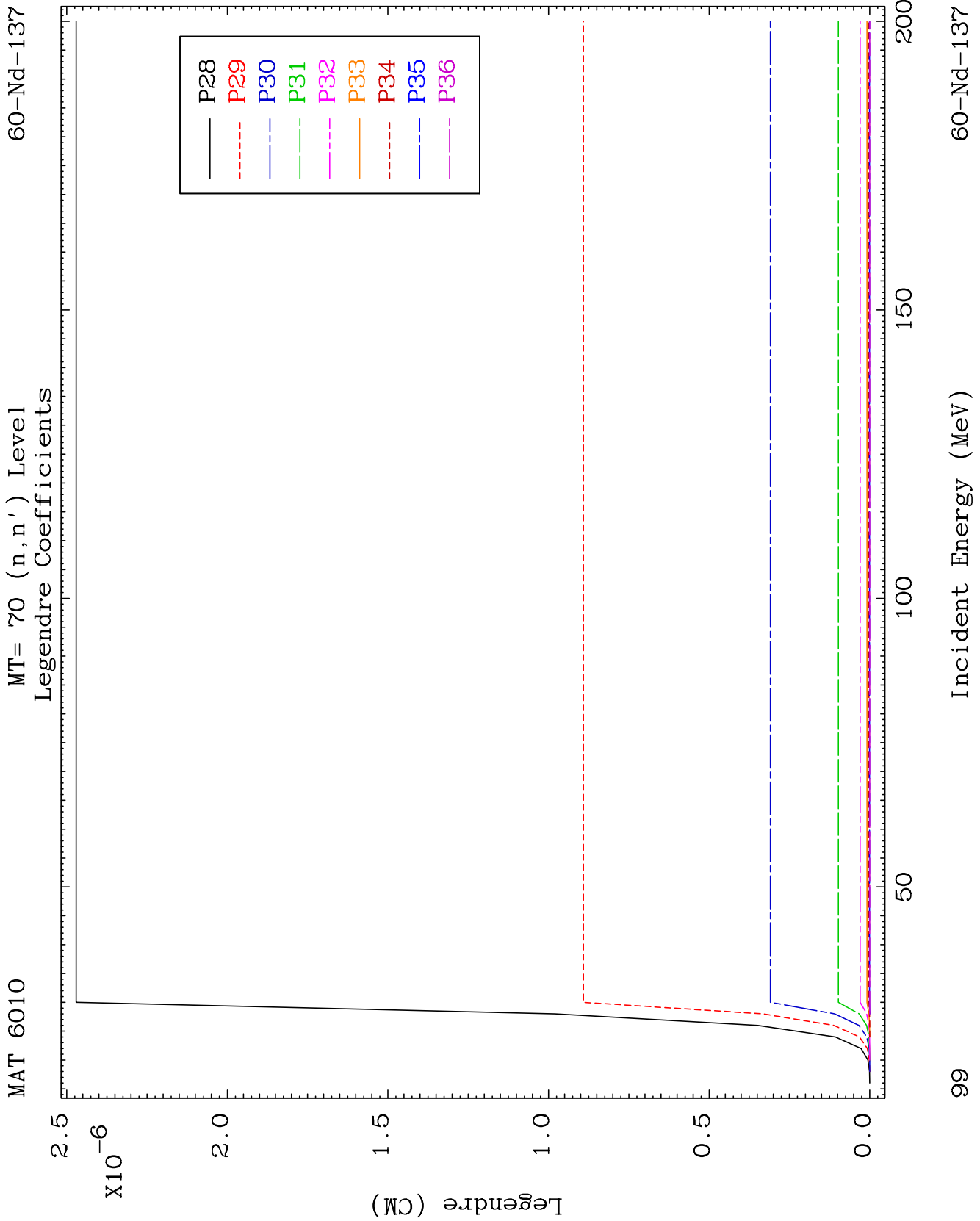


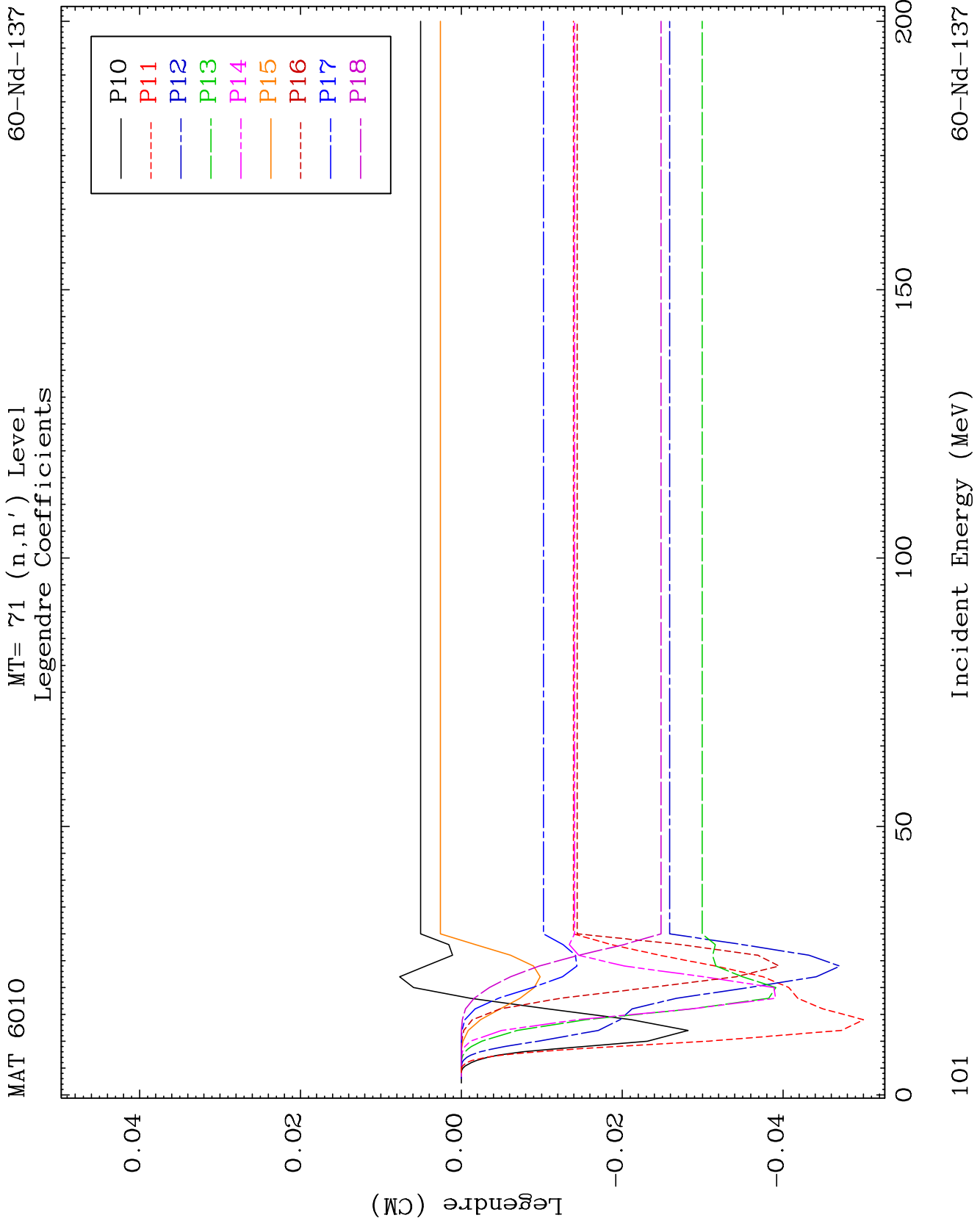
MAT 6010

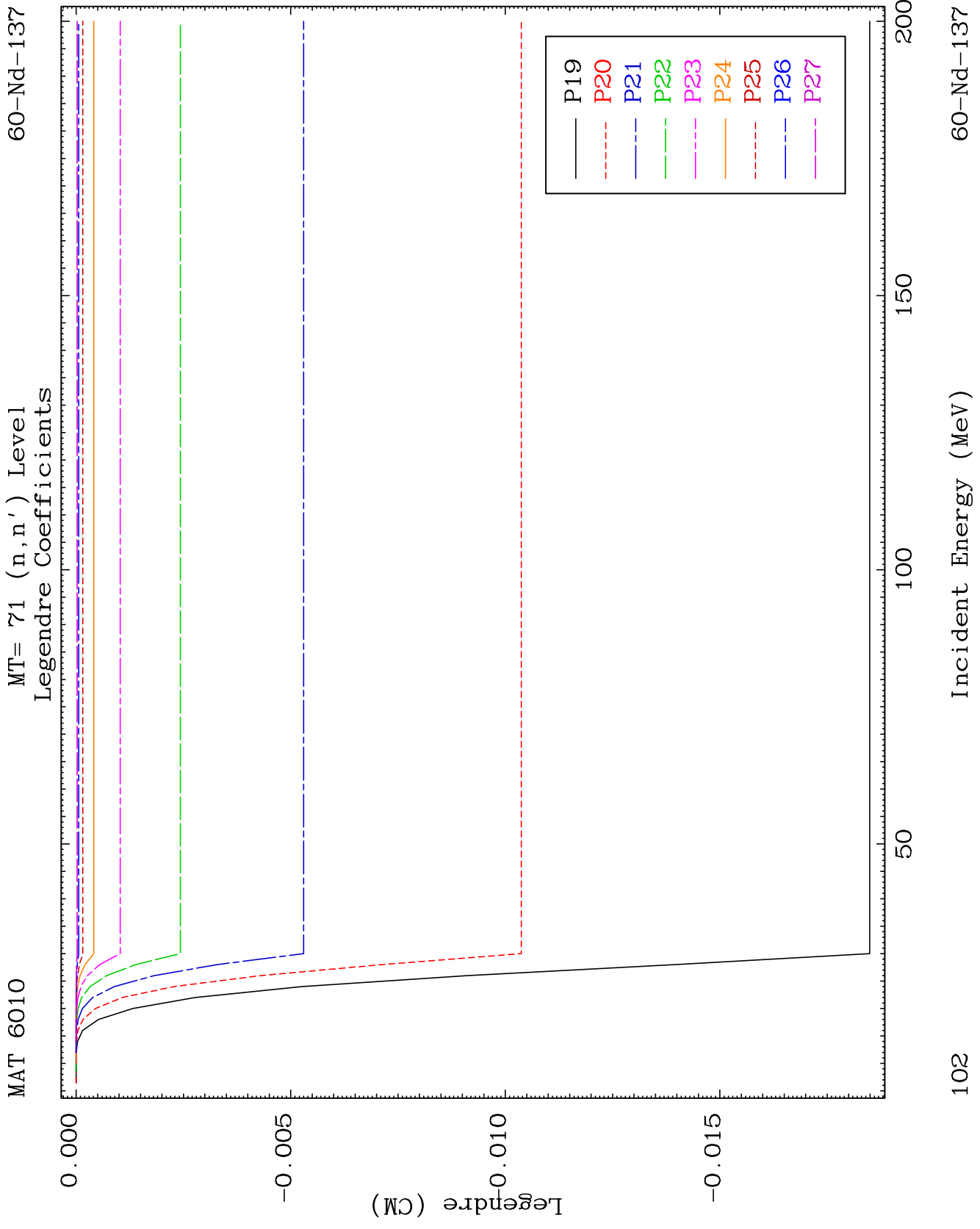
MT= 70 (n,n') Level
Legendre Coefficients

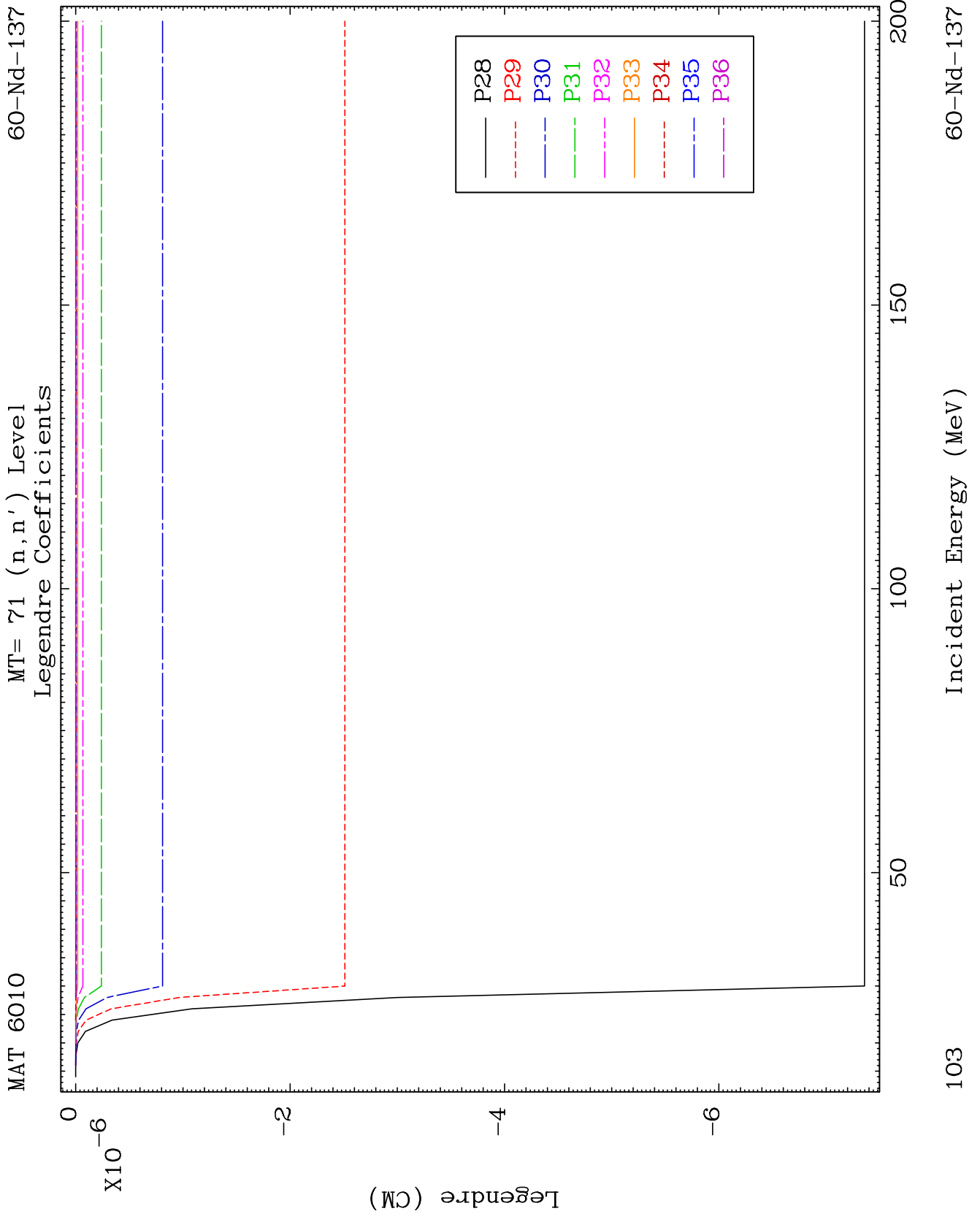
60-Nd-137

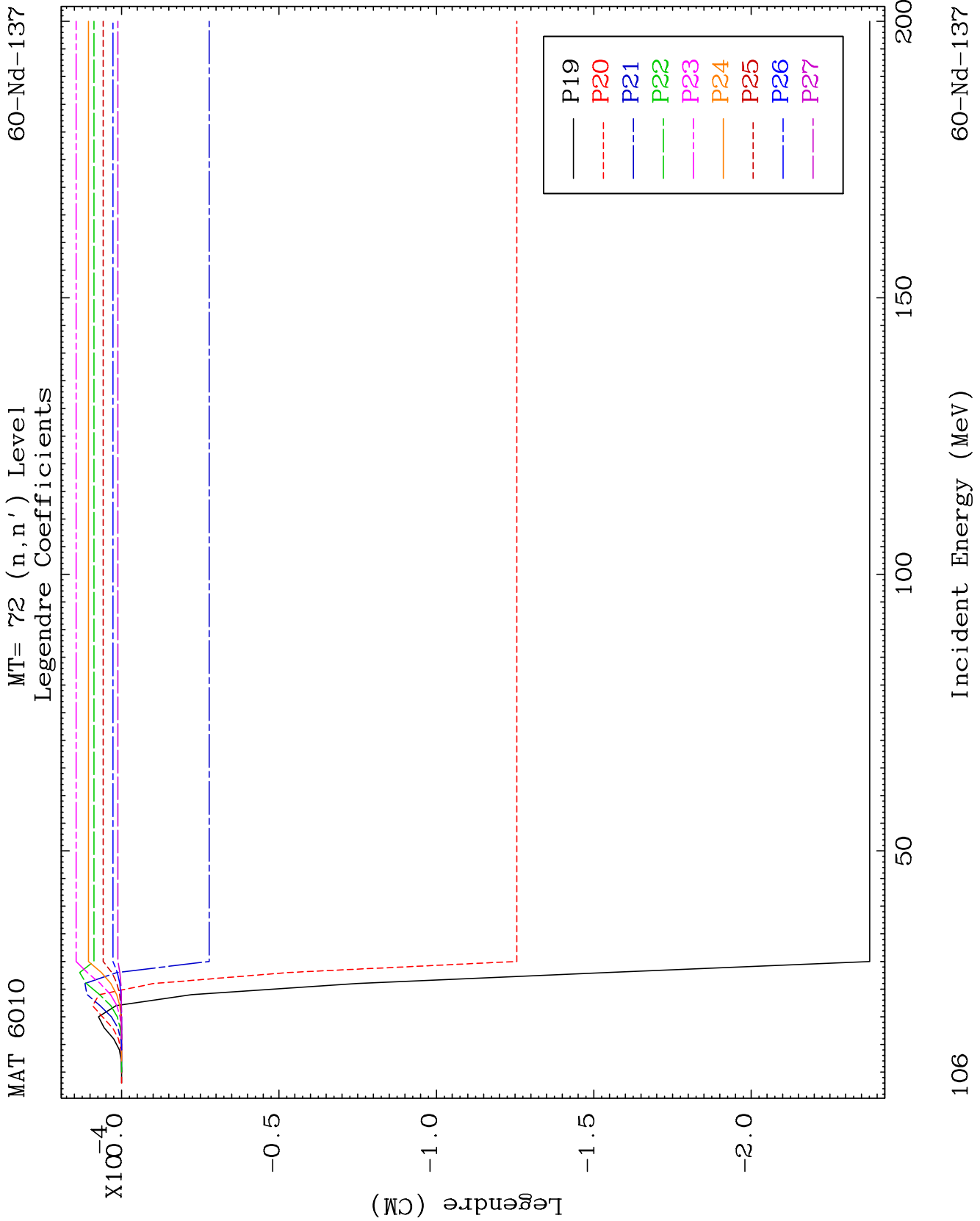








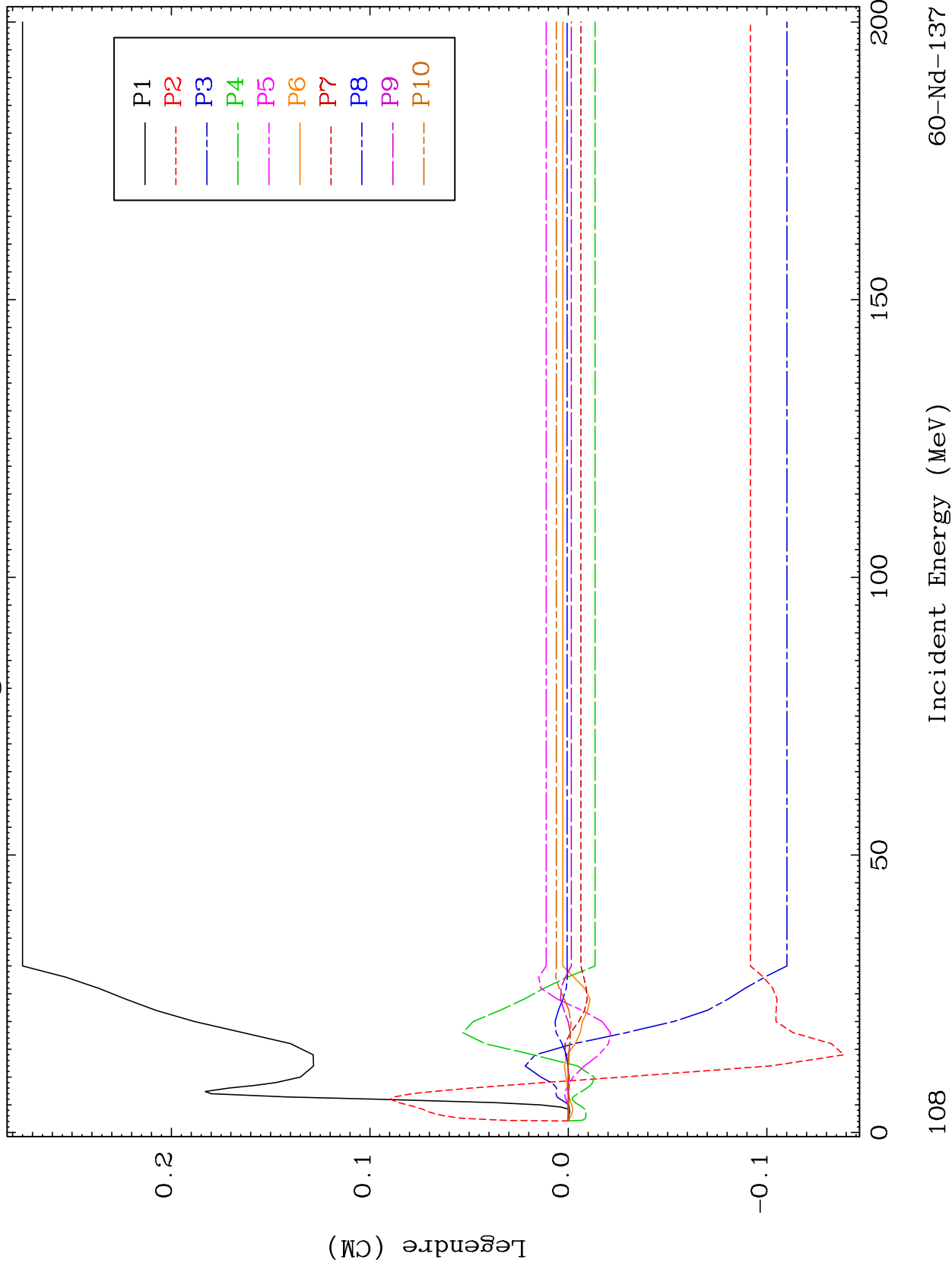




MAT 6010

MT= 73 (n,n') Level
Legendre Coefficients

60-Nd-137



60-Nd-137

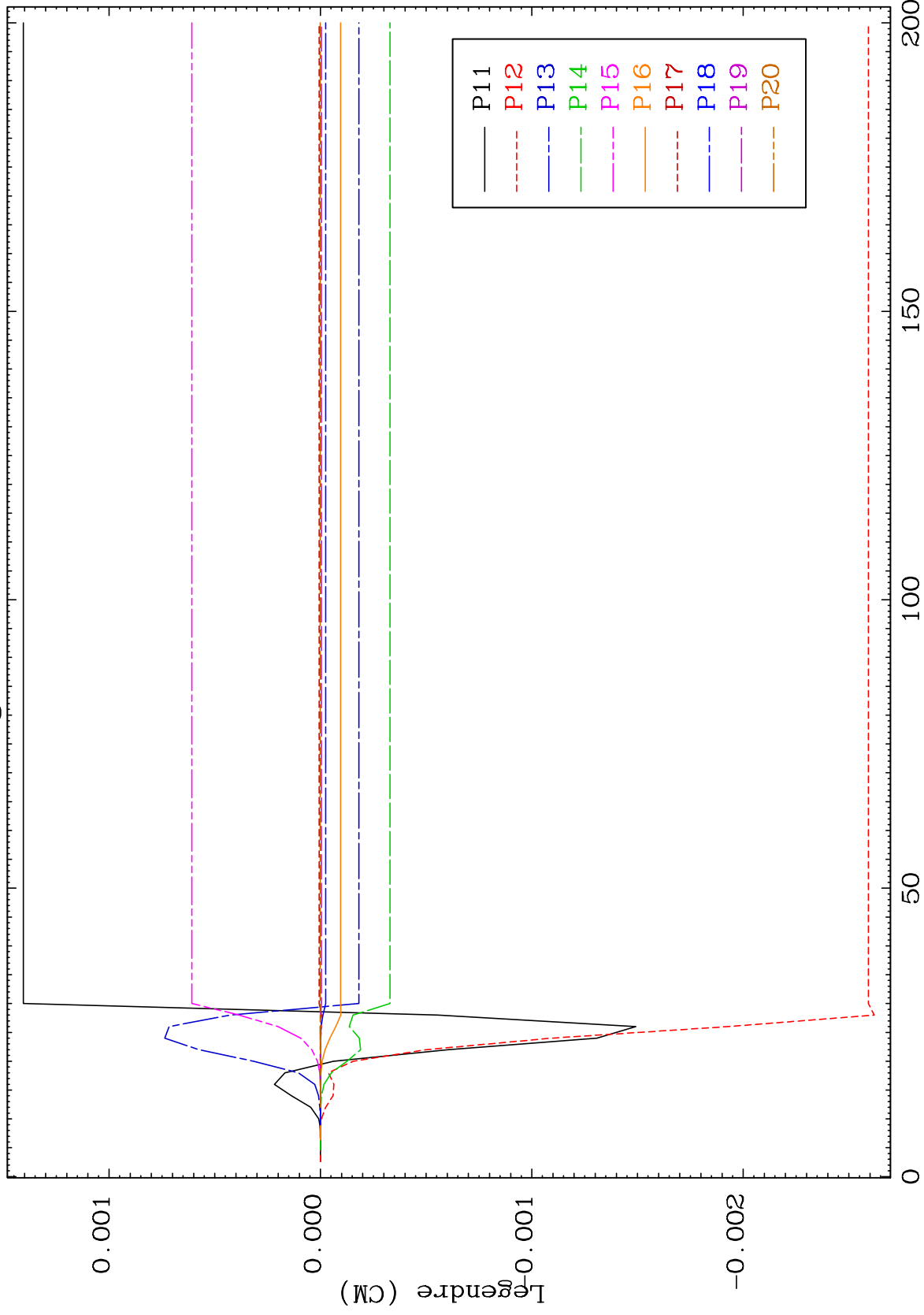
Incident Energy (MeV)

108

MAT 6010

MT= 73 (n,n') Level
Legendre Coefficients

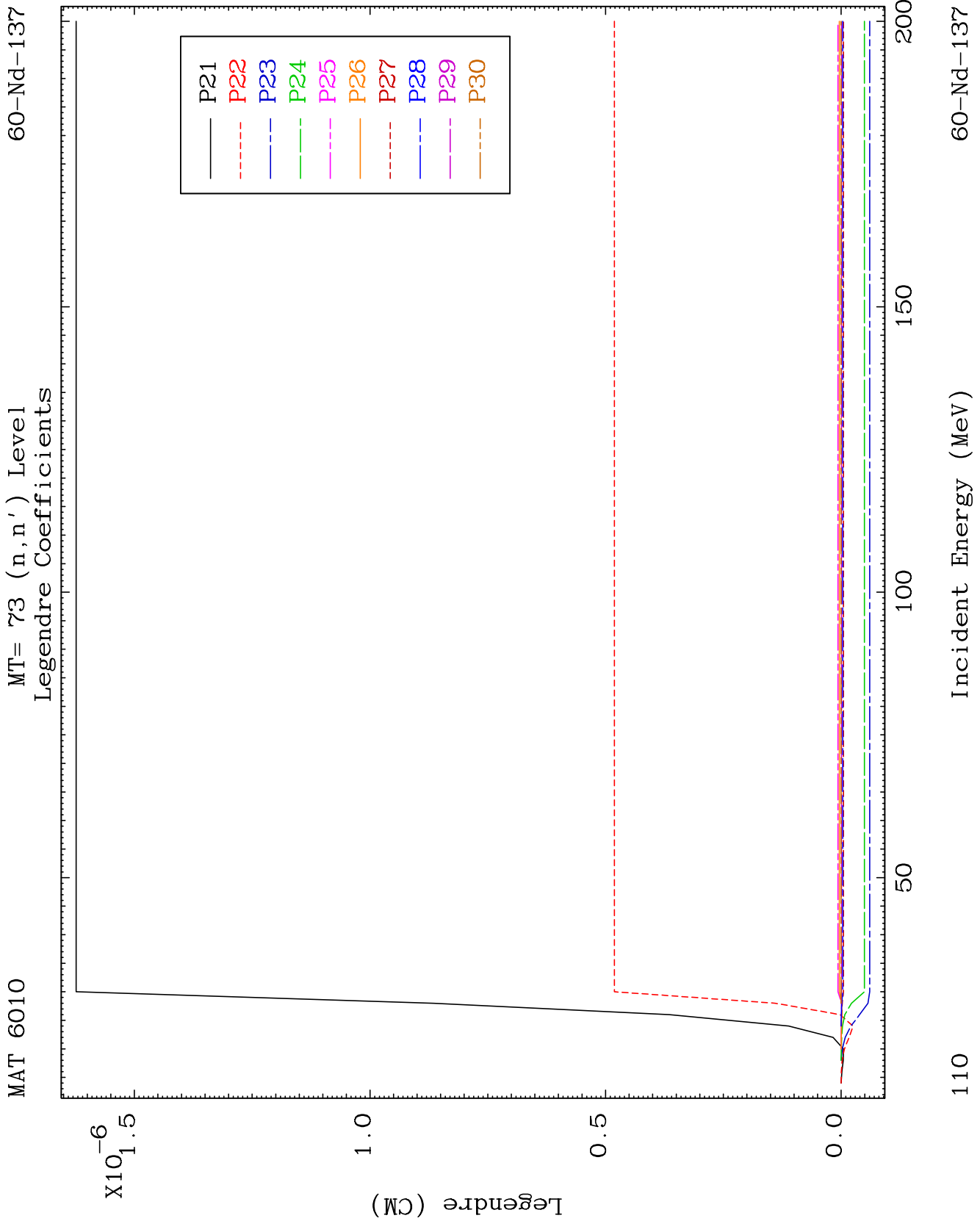
60-Nd-137



109

Incident Energy (MeV)

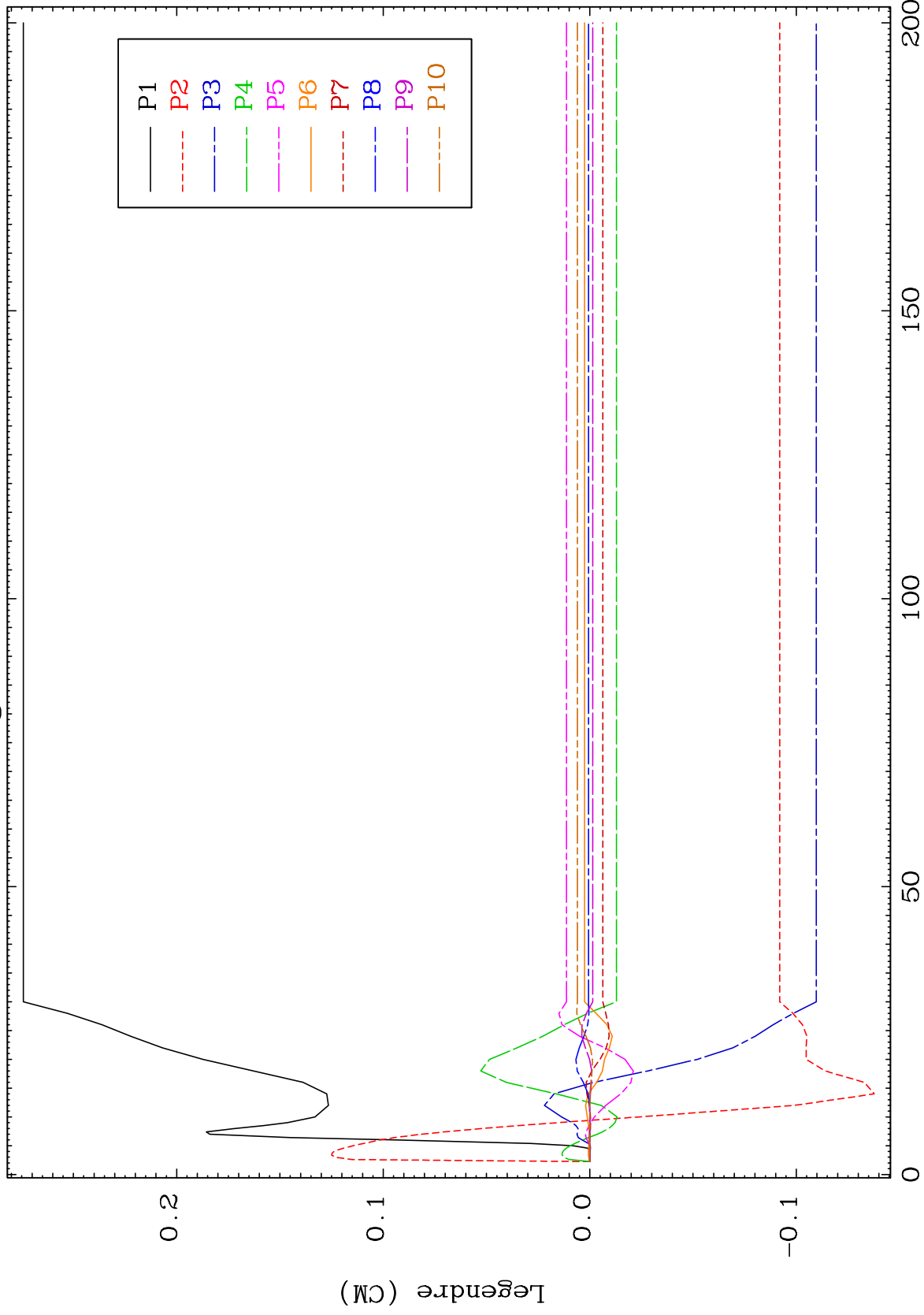
60-Nd-137



MAT 6010

MT= 74 (n,n') Level
Legendre Coefficients

60-Nd-137



111

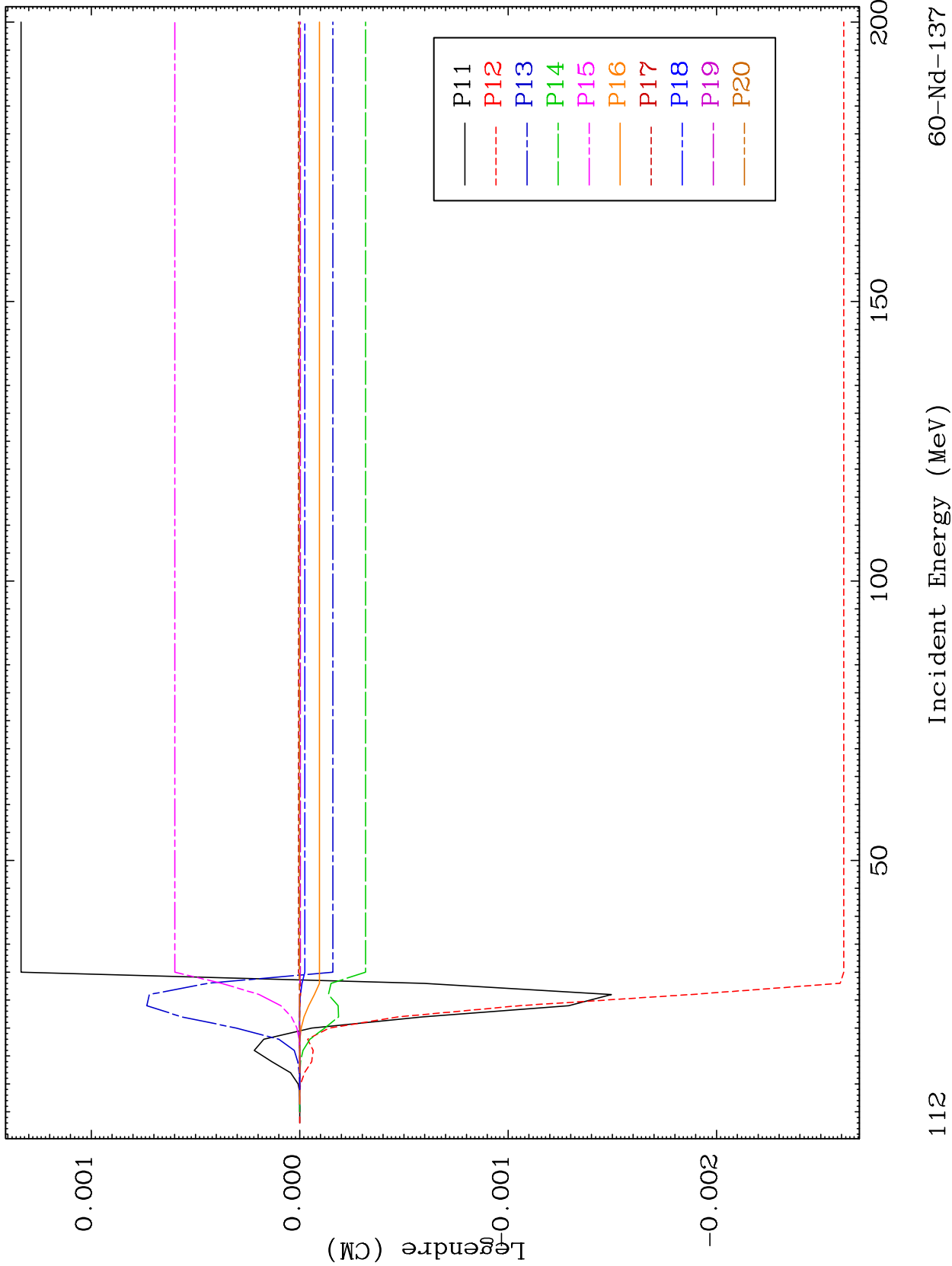
Incident Energy (MeV)

60-Nd-137

MAT 6010

MT= 74 (n,n') Level
Legendre Coefficients

60-Nd-137



112

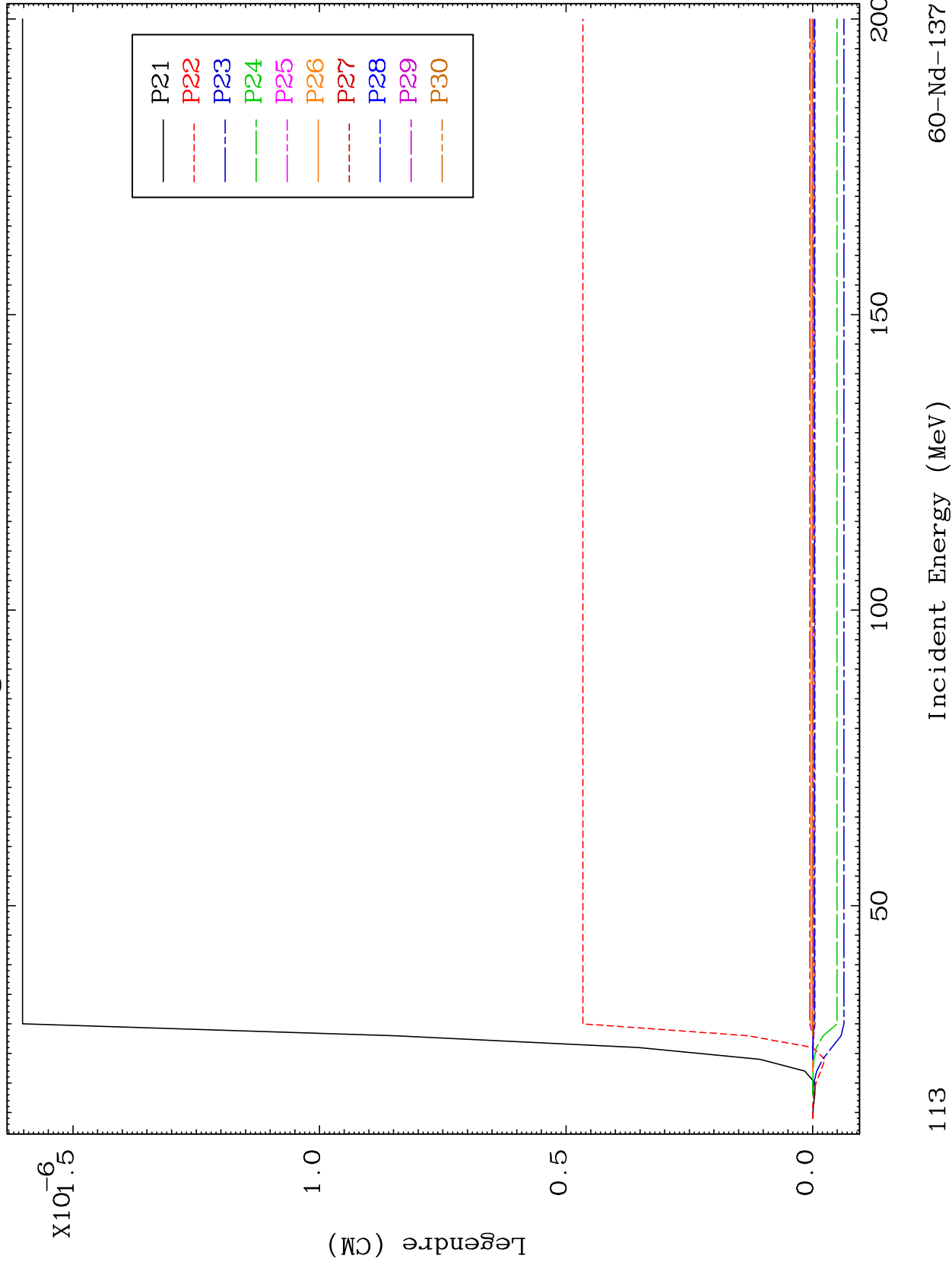
Incident Energy (MeV)

60-Nd-137

MAT 6010

MT= 74 (n,n') Level
Legendre Coefficients

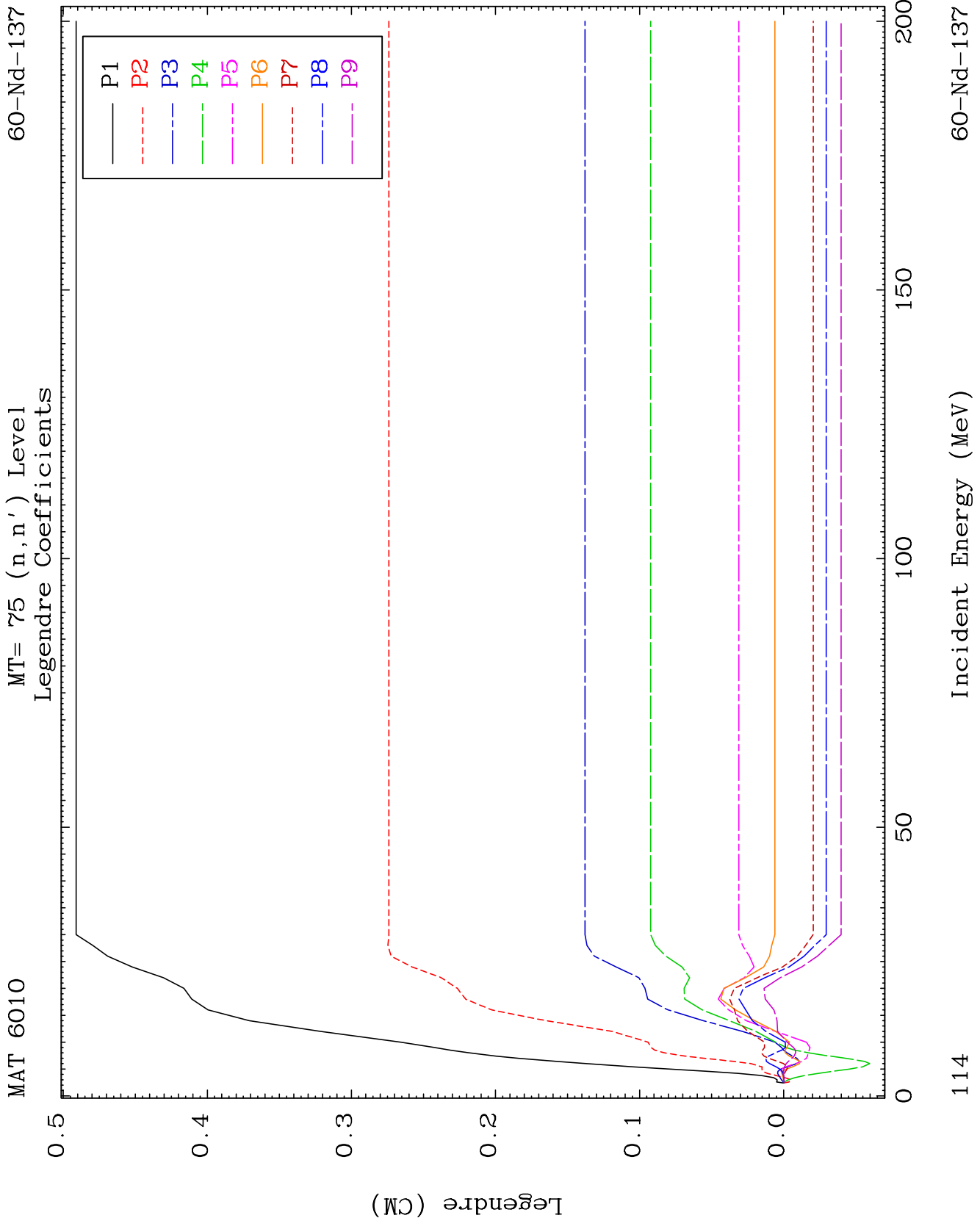
60-Nd-137

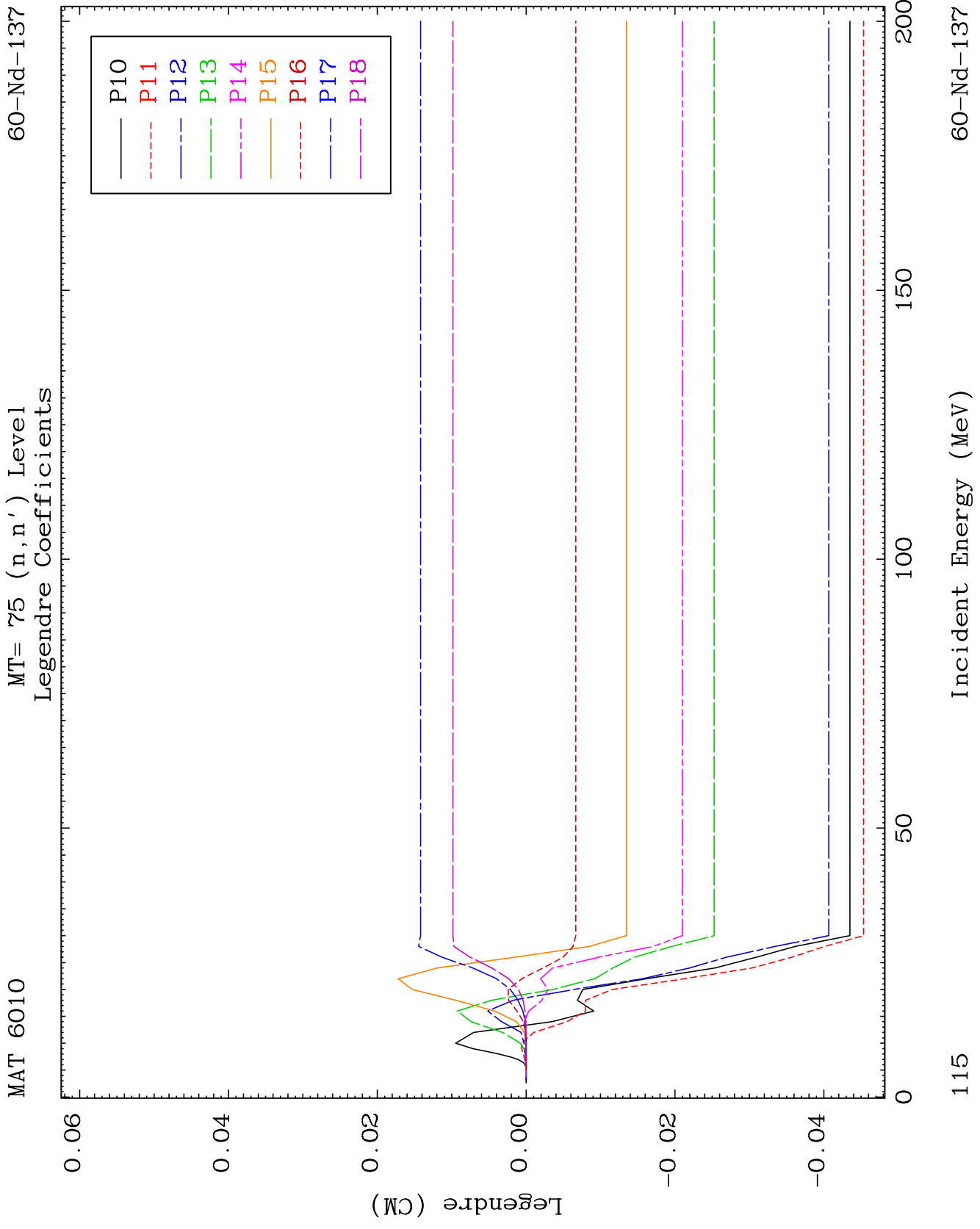


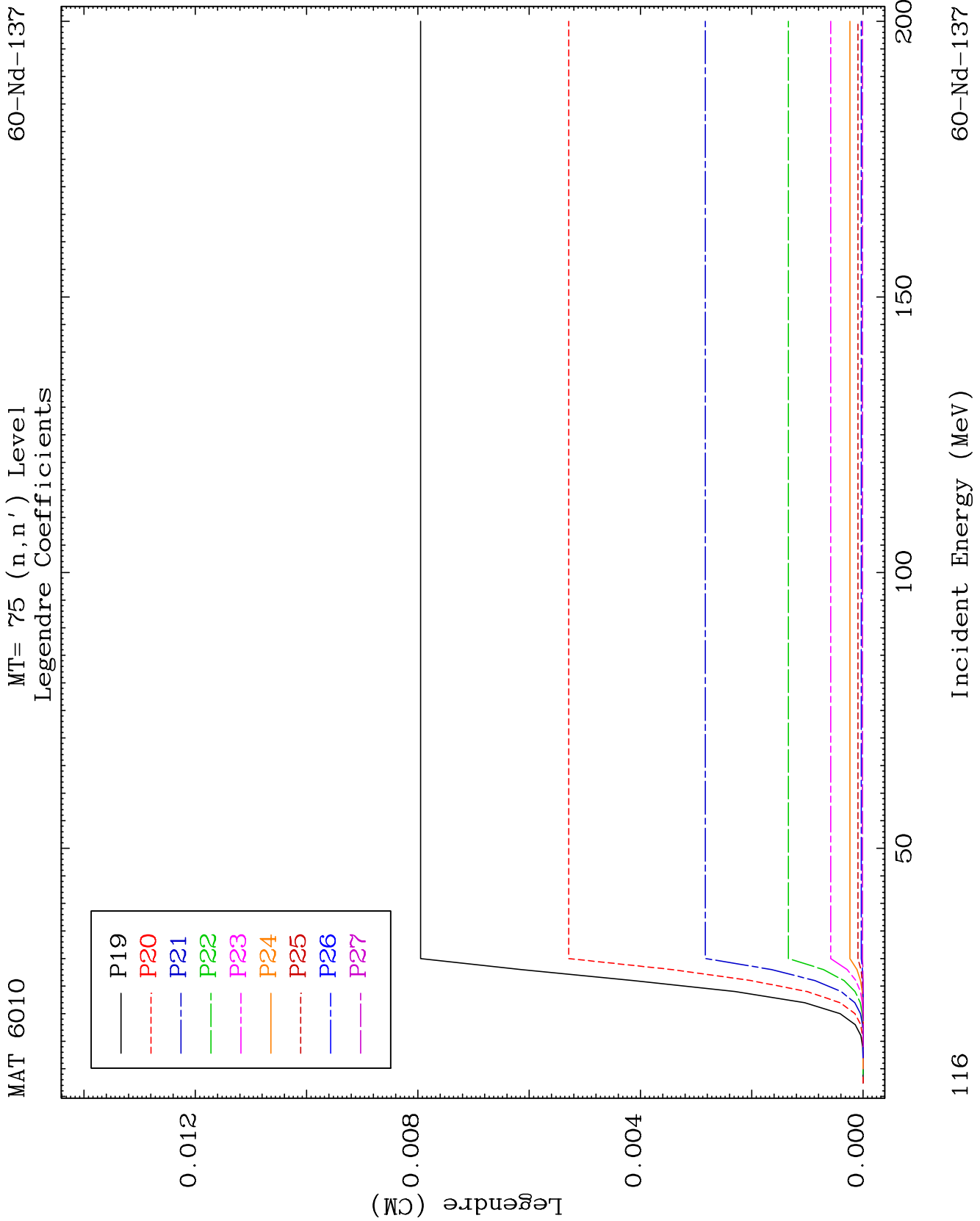
113

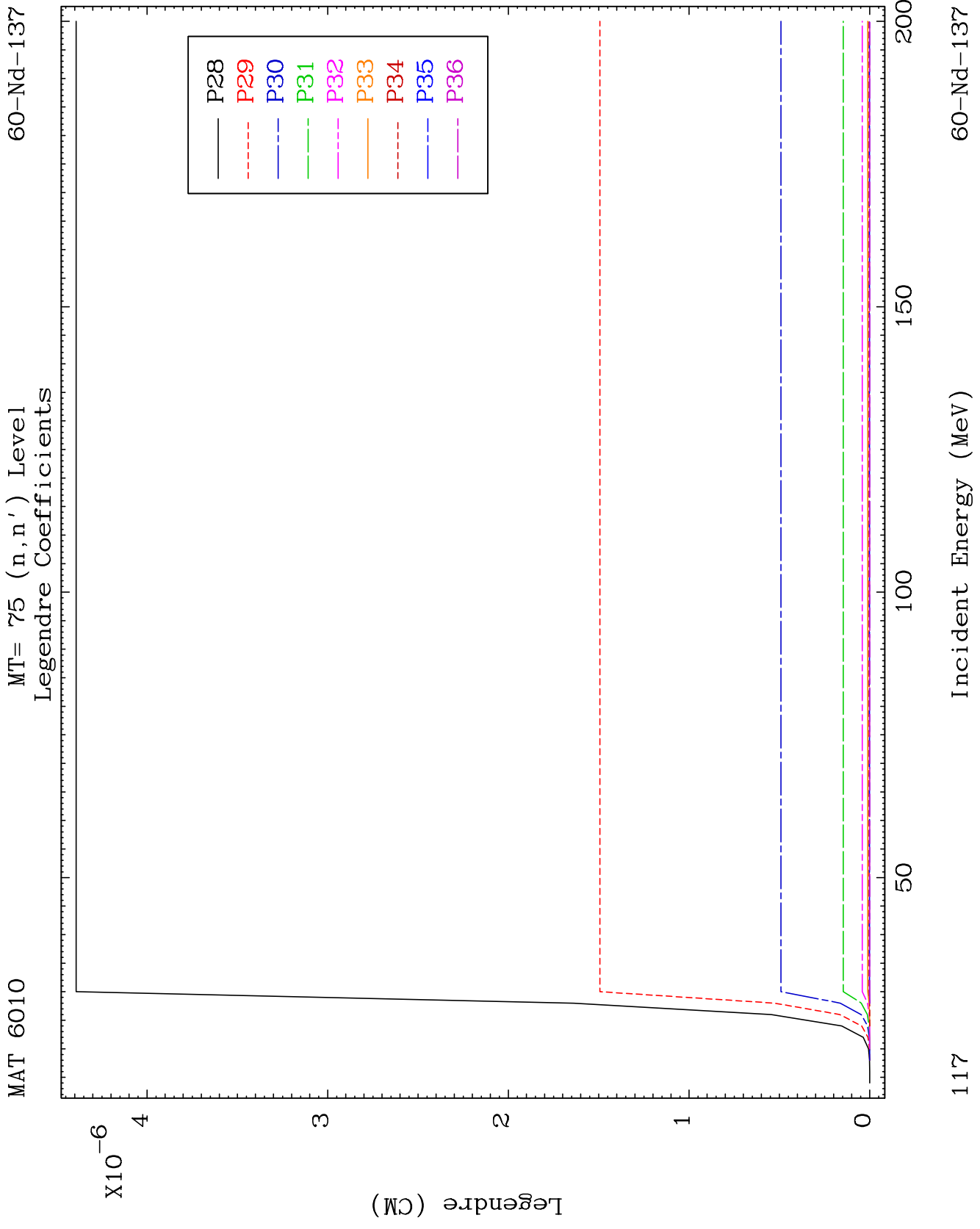
Incident Energy (MeV)

60-Nd-137





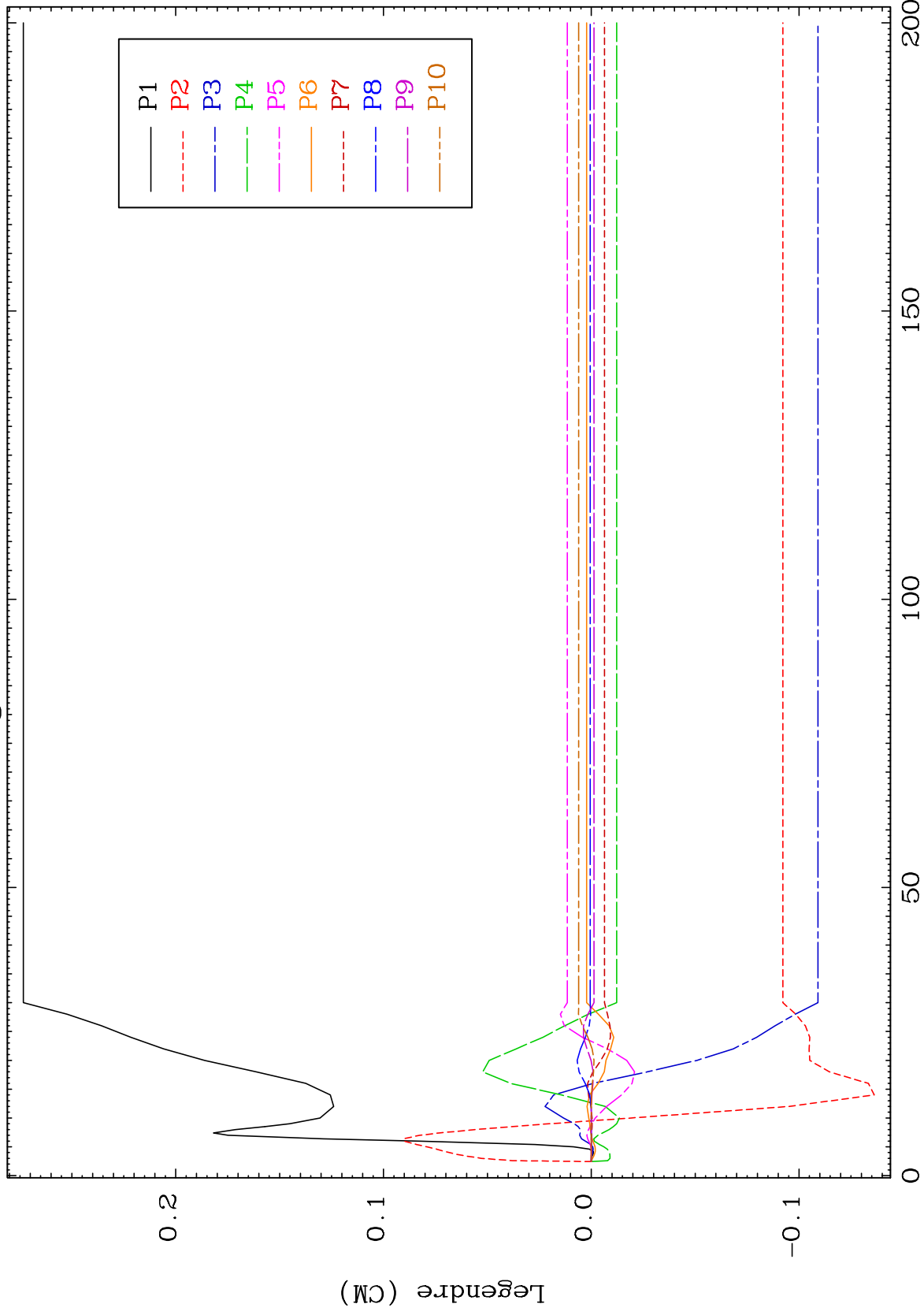




MAT 6010

MT= 76 (n,n') Level
Legendre Coefficients

60-Nd-137



118

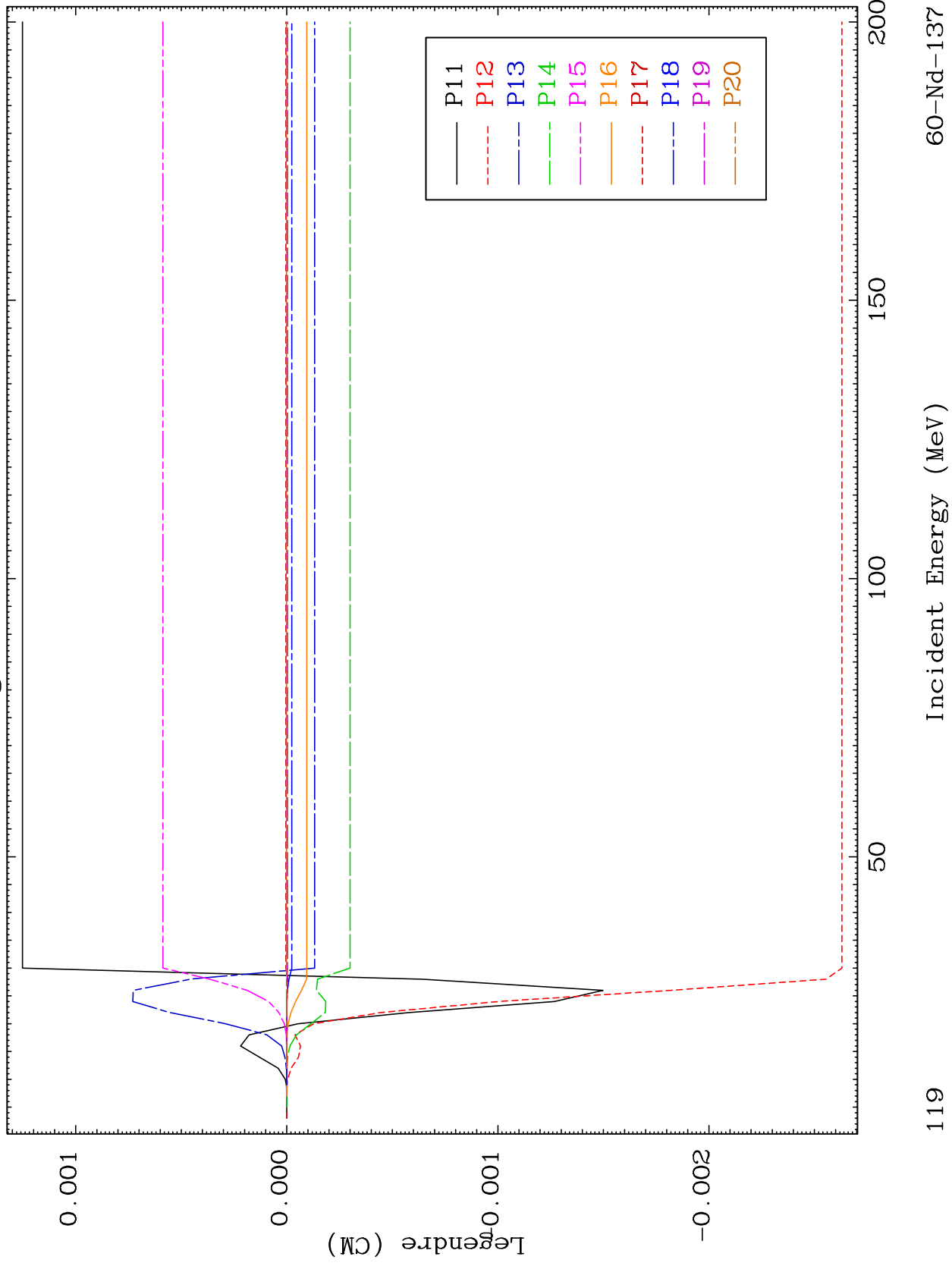
Incident Energy (MeV)

60-Nd-137

MAT 6010

MT= 76 (n,n') Level
Legendre Coefficients

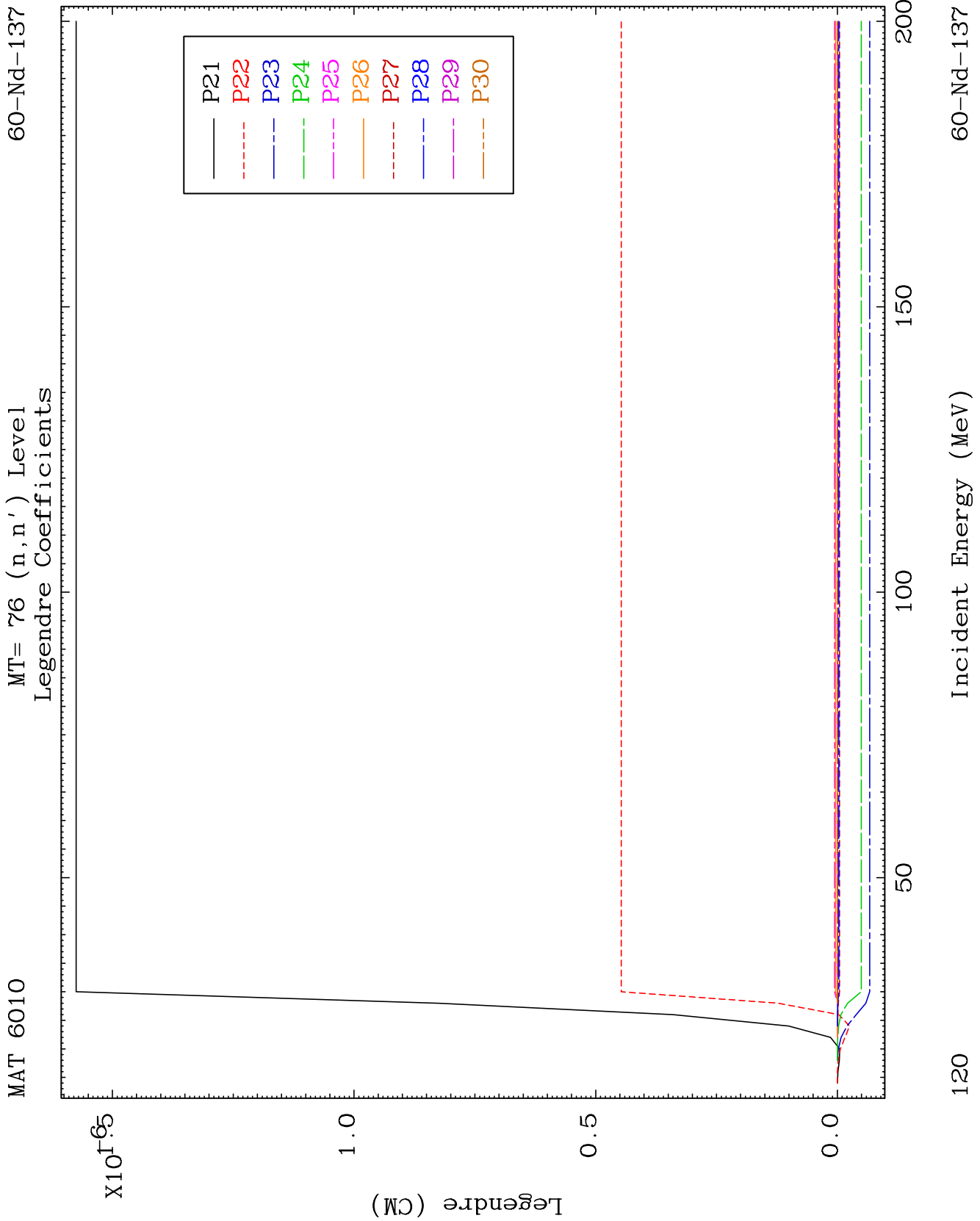
60-Nd-137

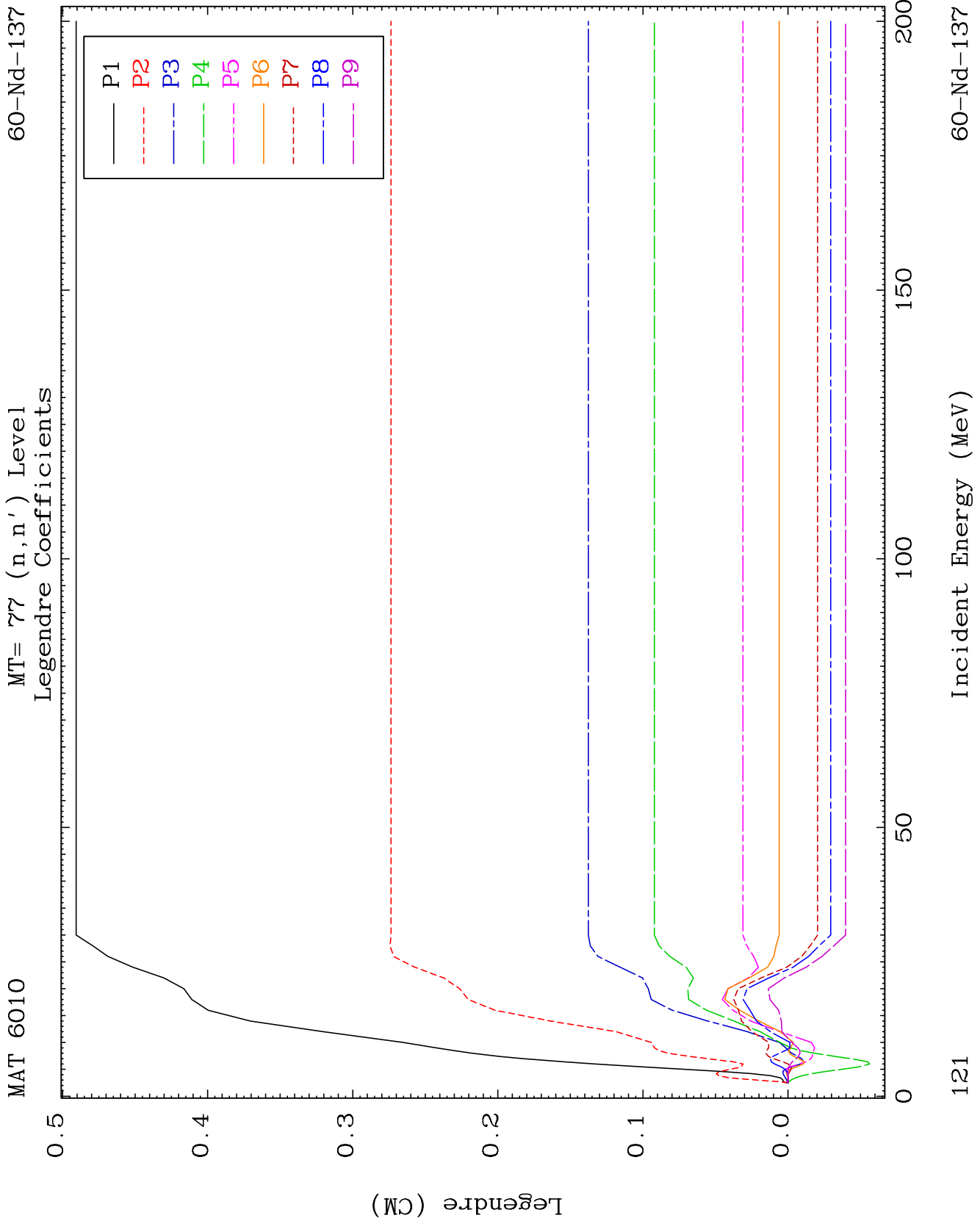


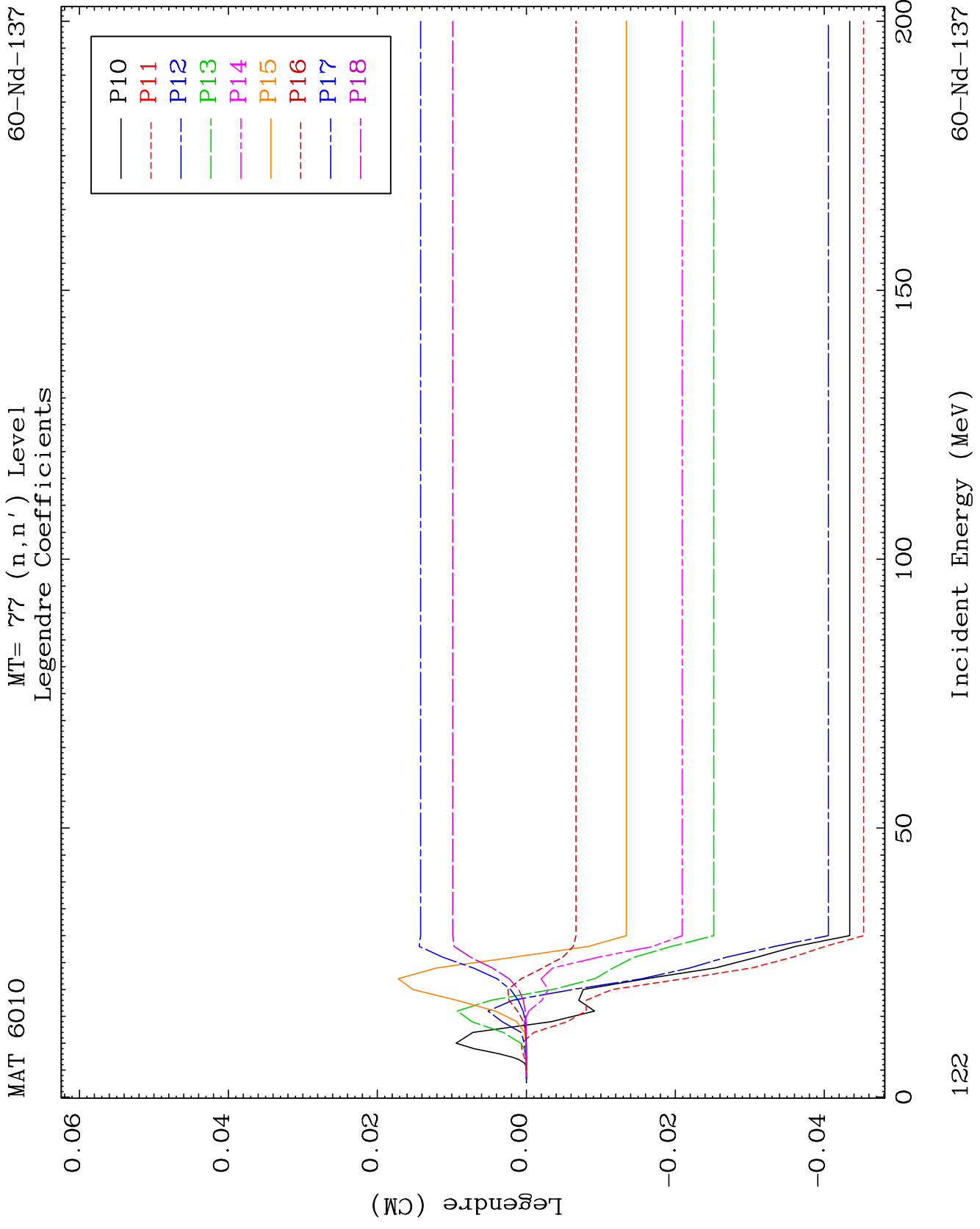
119

Incident Energy (MeV)

60-Nd-137



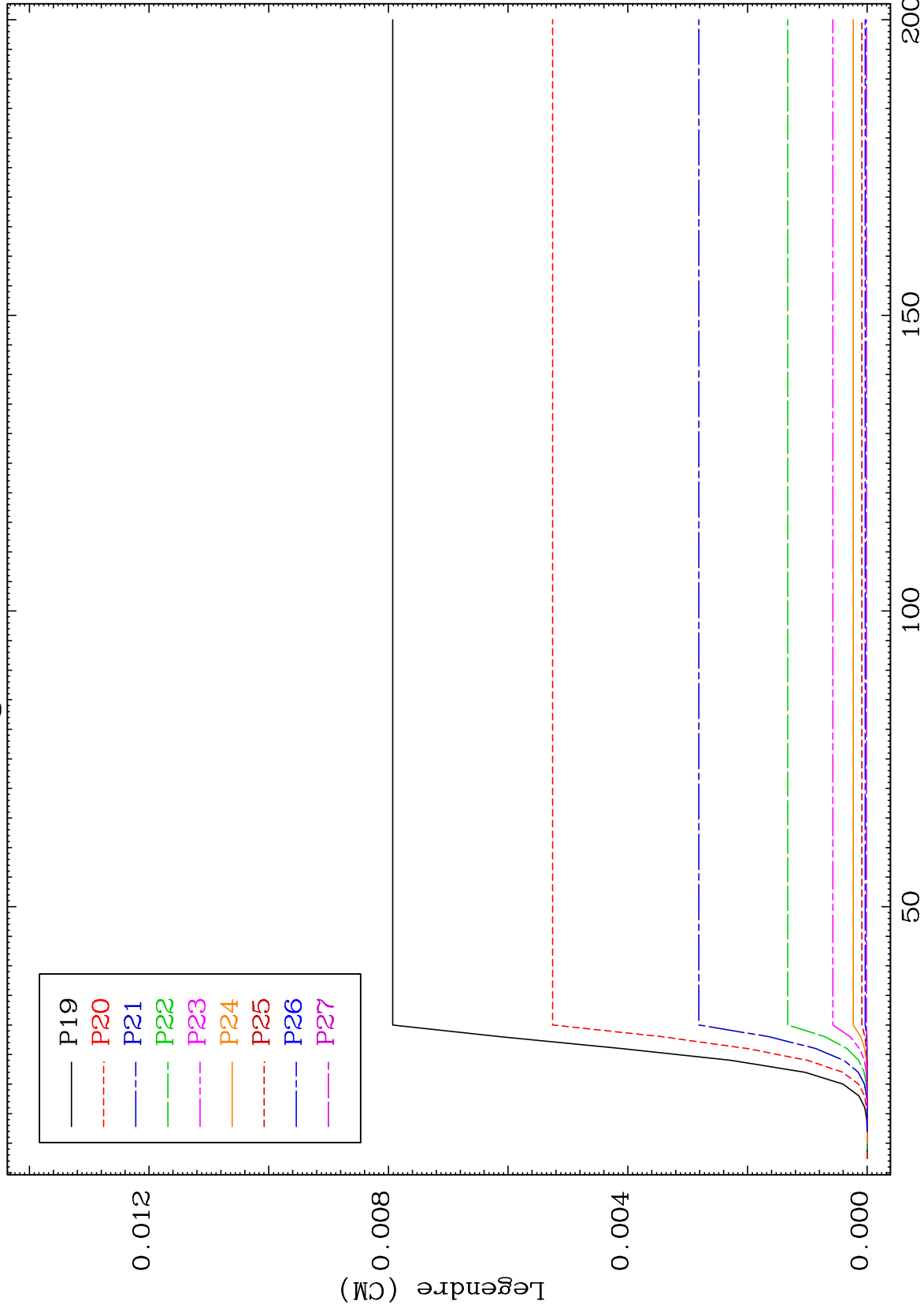




MAT 6010

MT= 77 (n,n') Level
Legendre Coefficients

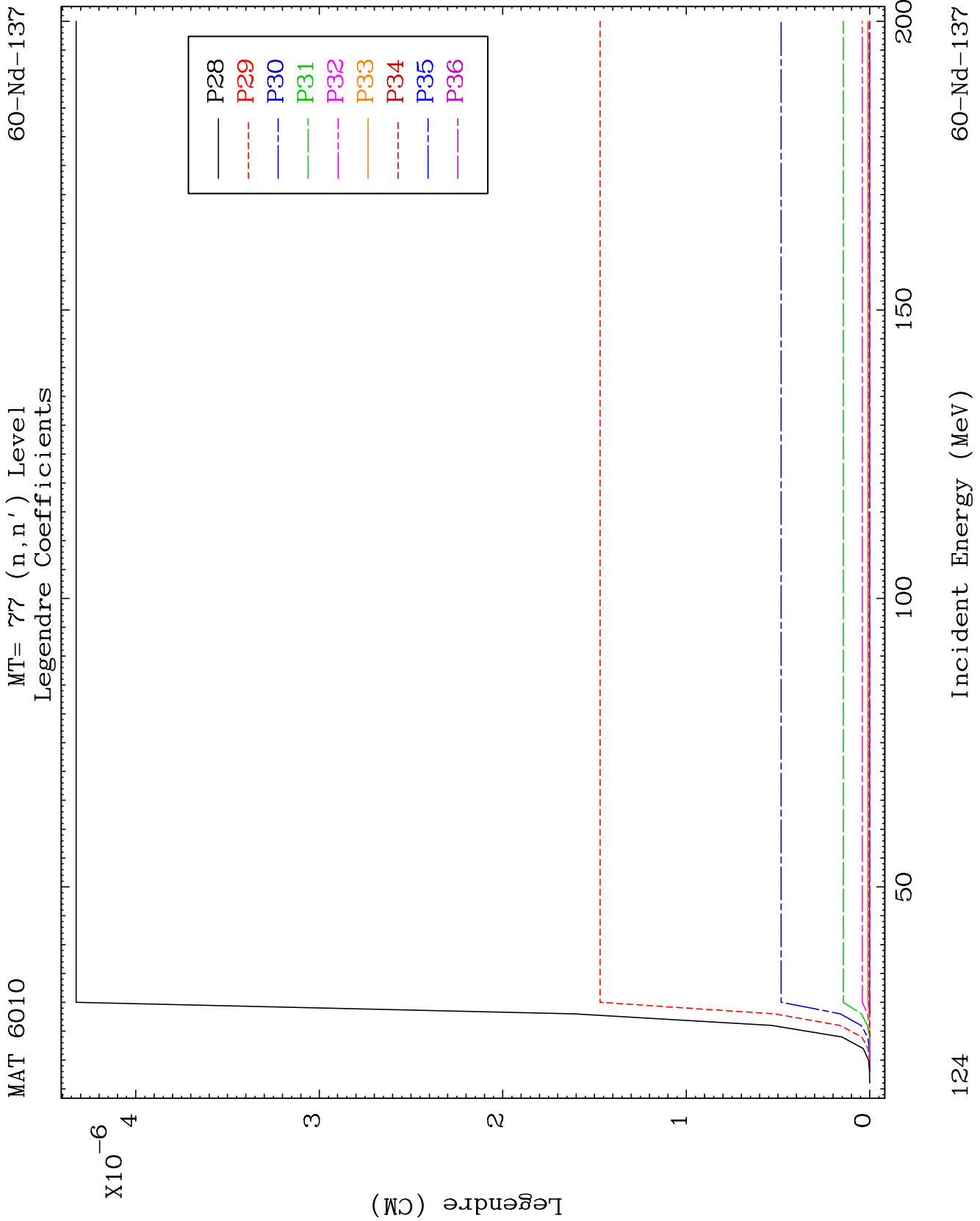
60-Nd-137



123

Incident Energy (MeV)

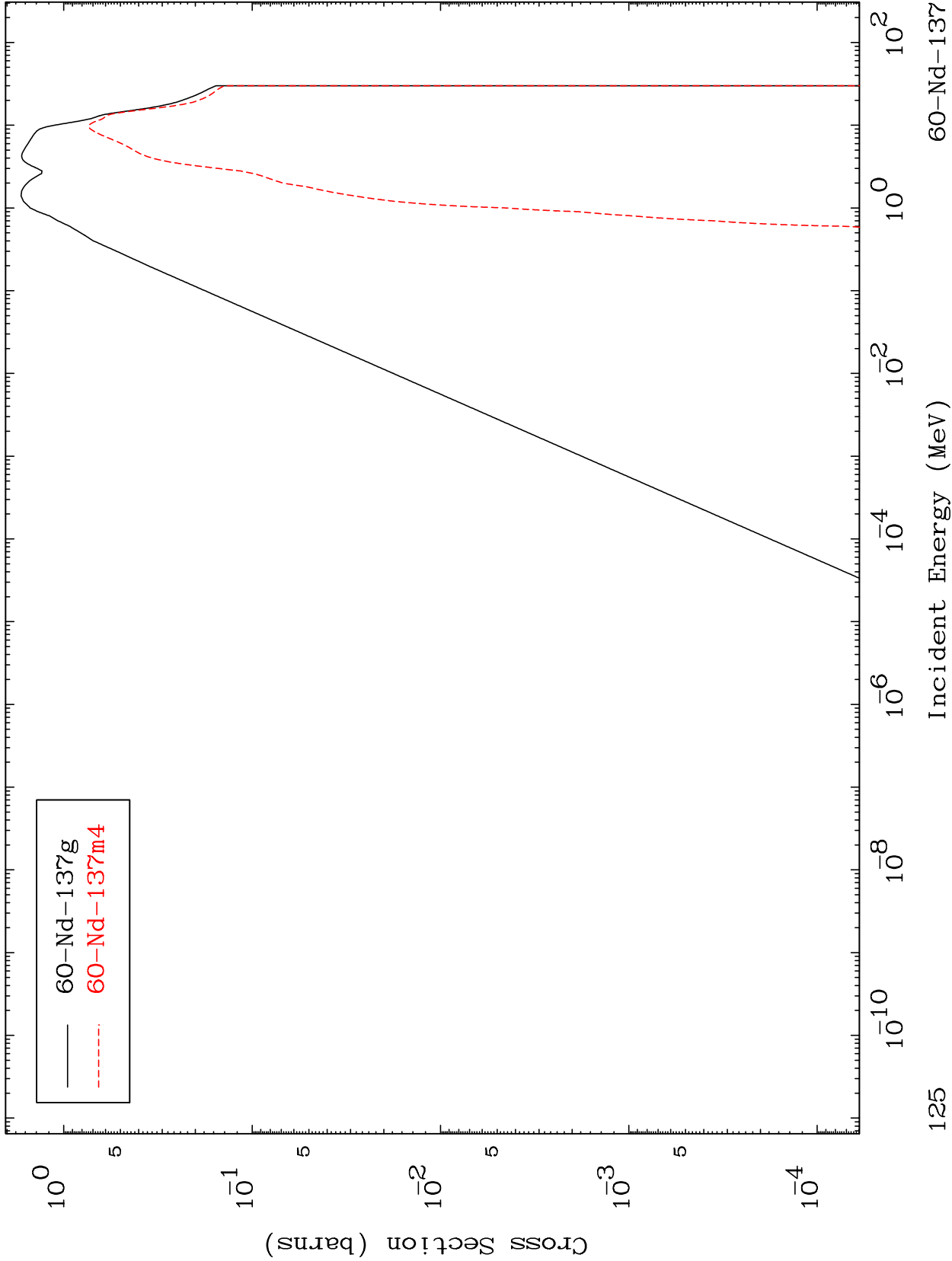
60-Nd-137



MAT 6010

Inelastic
Radionuclide Production Cross Section

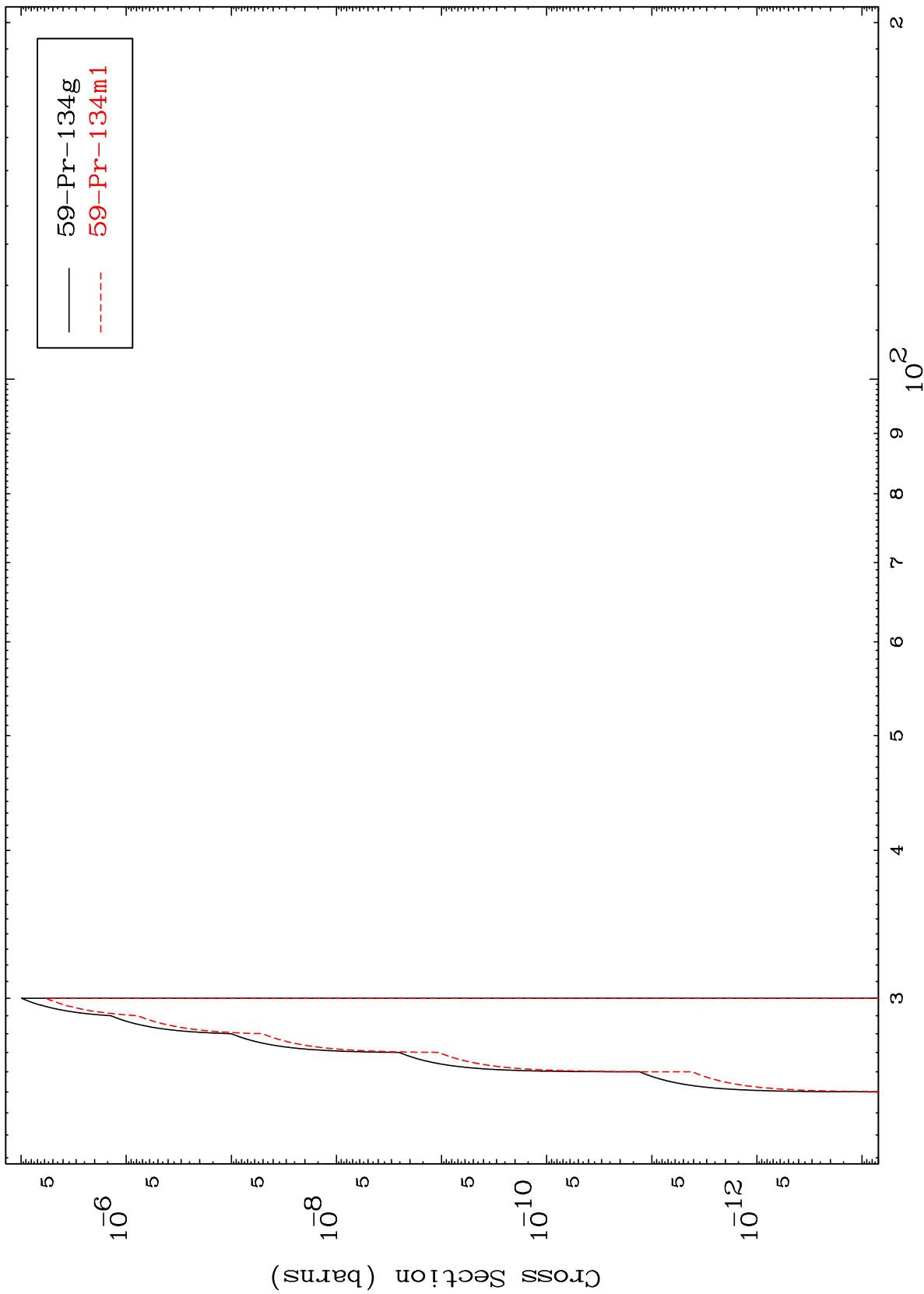
60-Nd-137



125

60-Nd-137

Radionuclide Production Cross Section



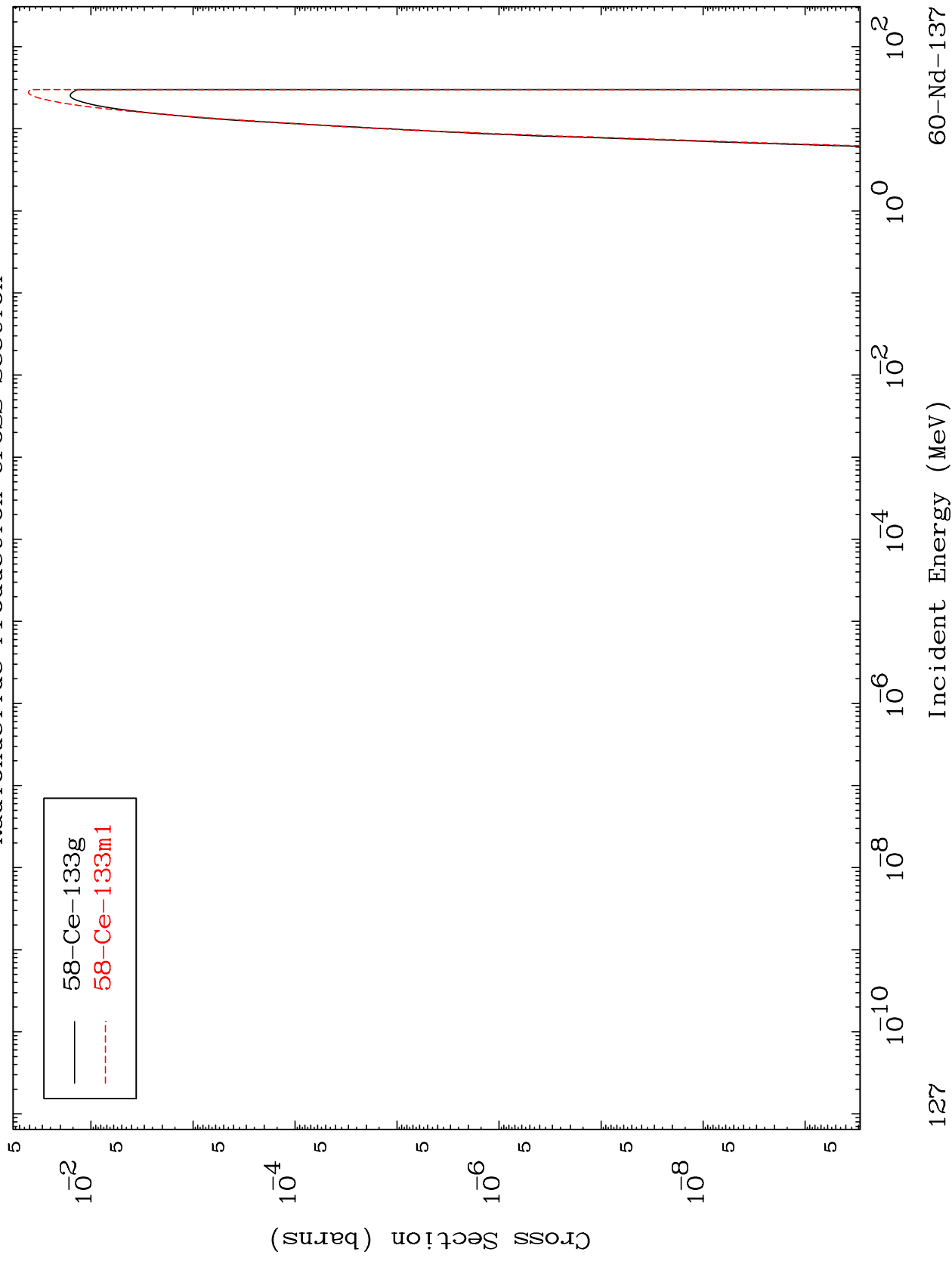
59-Pr-134g
59-Pr-134m1

MAT 6010

(n, n') α

60-Nd-137

Radionuclide Production Cross Section

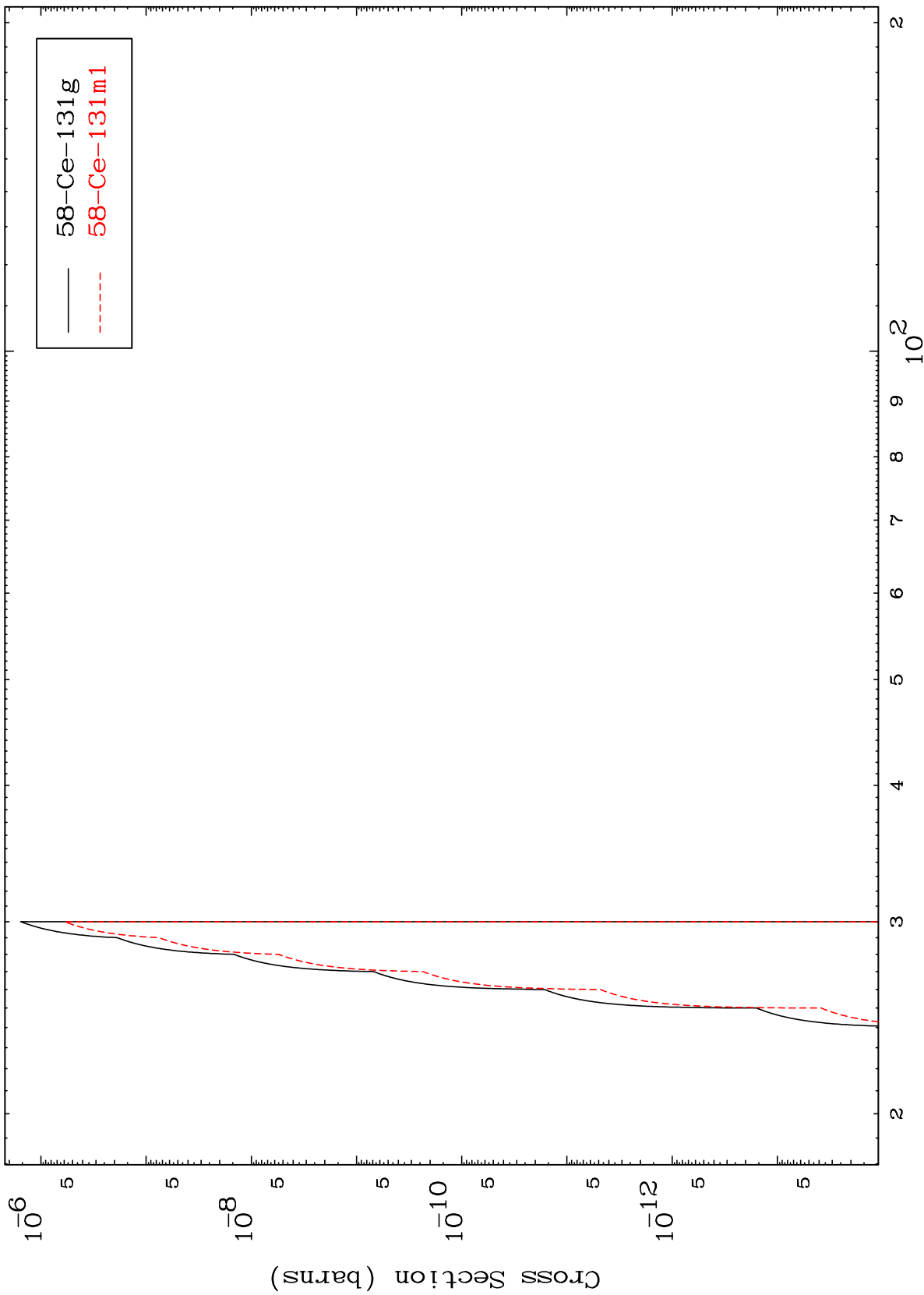


MAT 6010

(n,3n) α

60-Nd-137

Radionuclide Production Cross Section



128

Incident Energy (MeV)

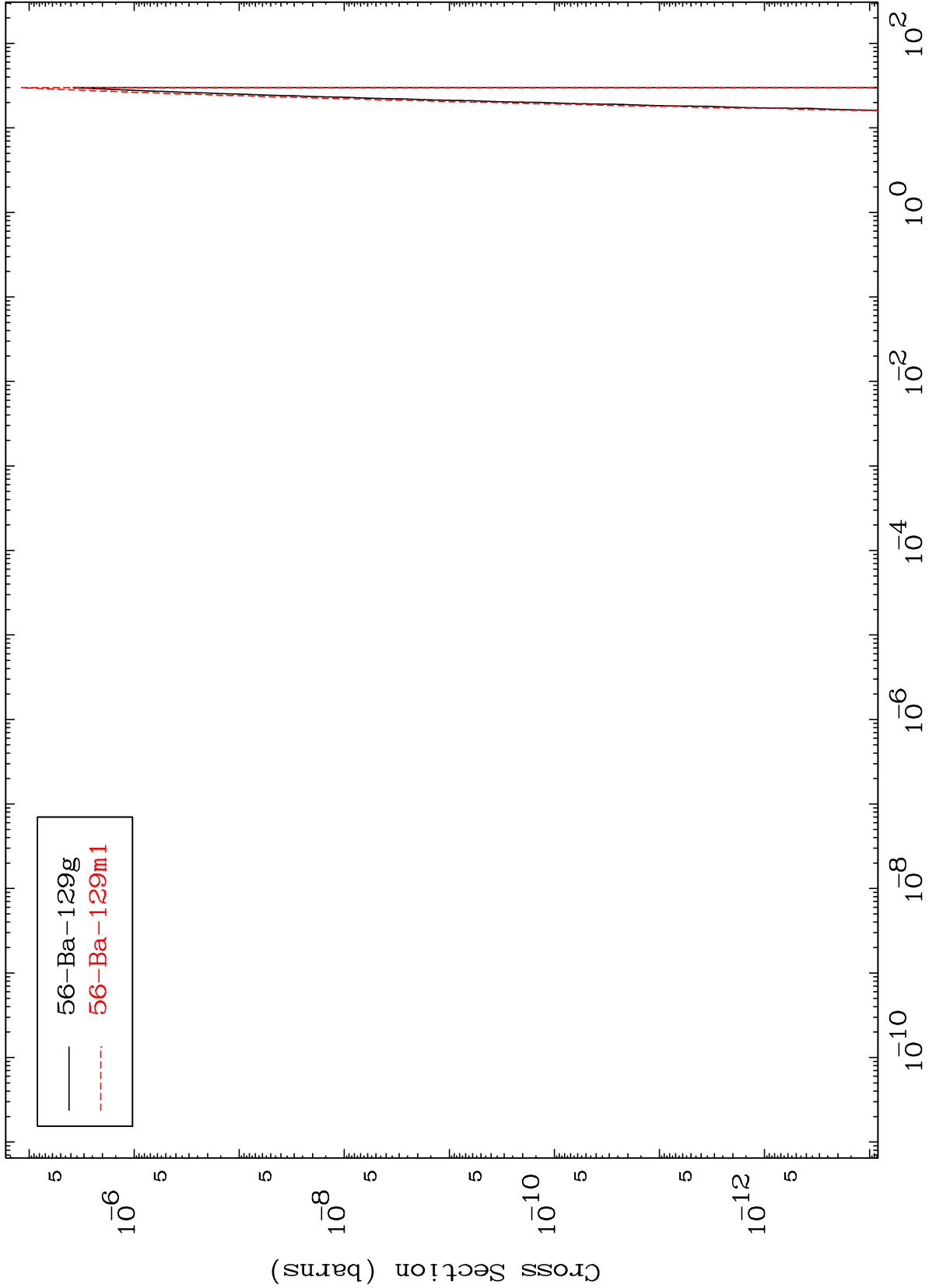
60-Nd-137

MAT 6010

(n,n') 2 α

60-Nd-137

Radionuclide Production Cross Section



129

Incident Energy (MeV)

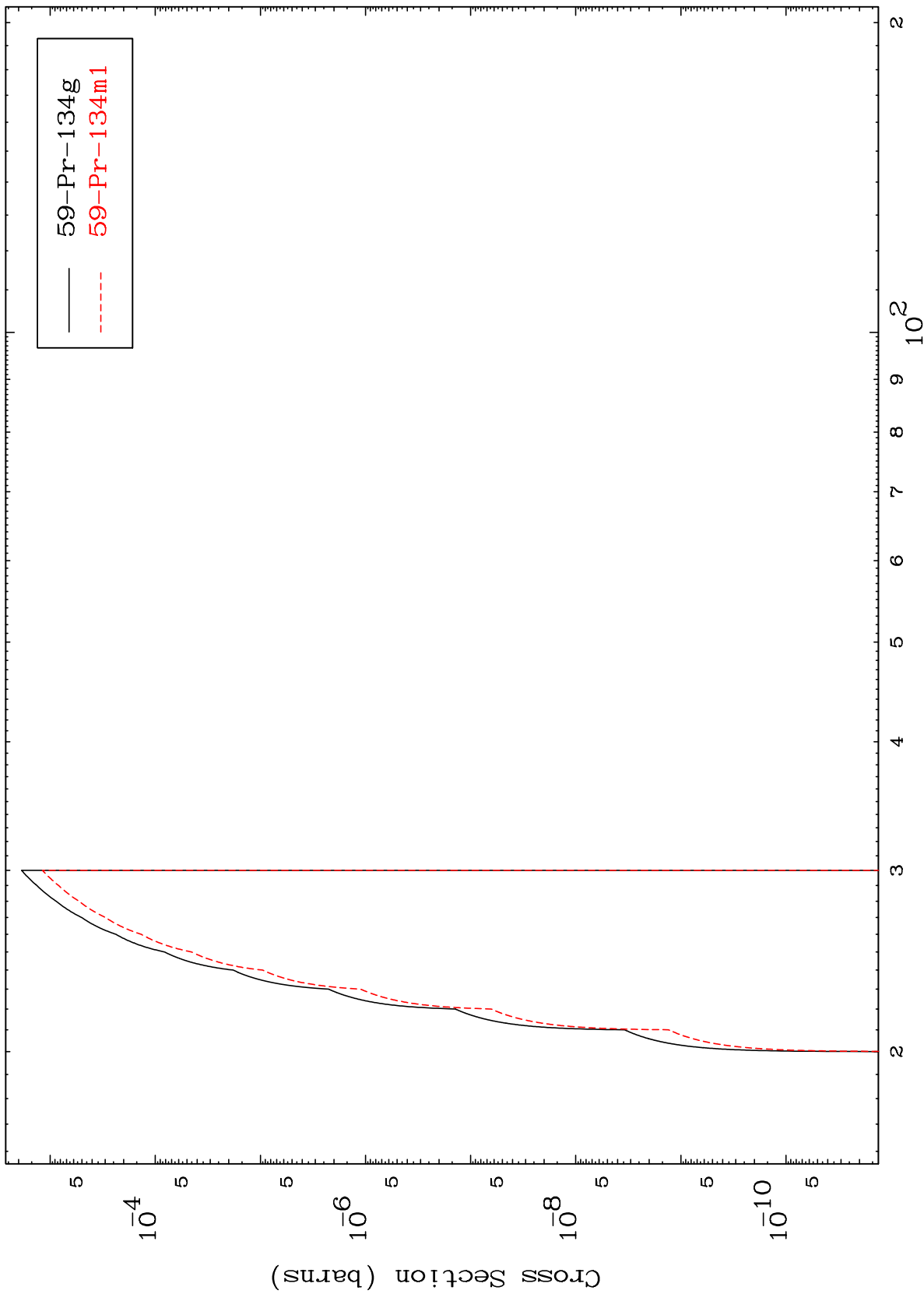
60-Nd-137

MAT 6010

(n,n') t

60-Nd-137

Radionuclide Production Cross Section



130

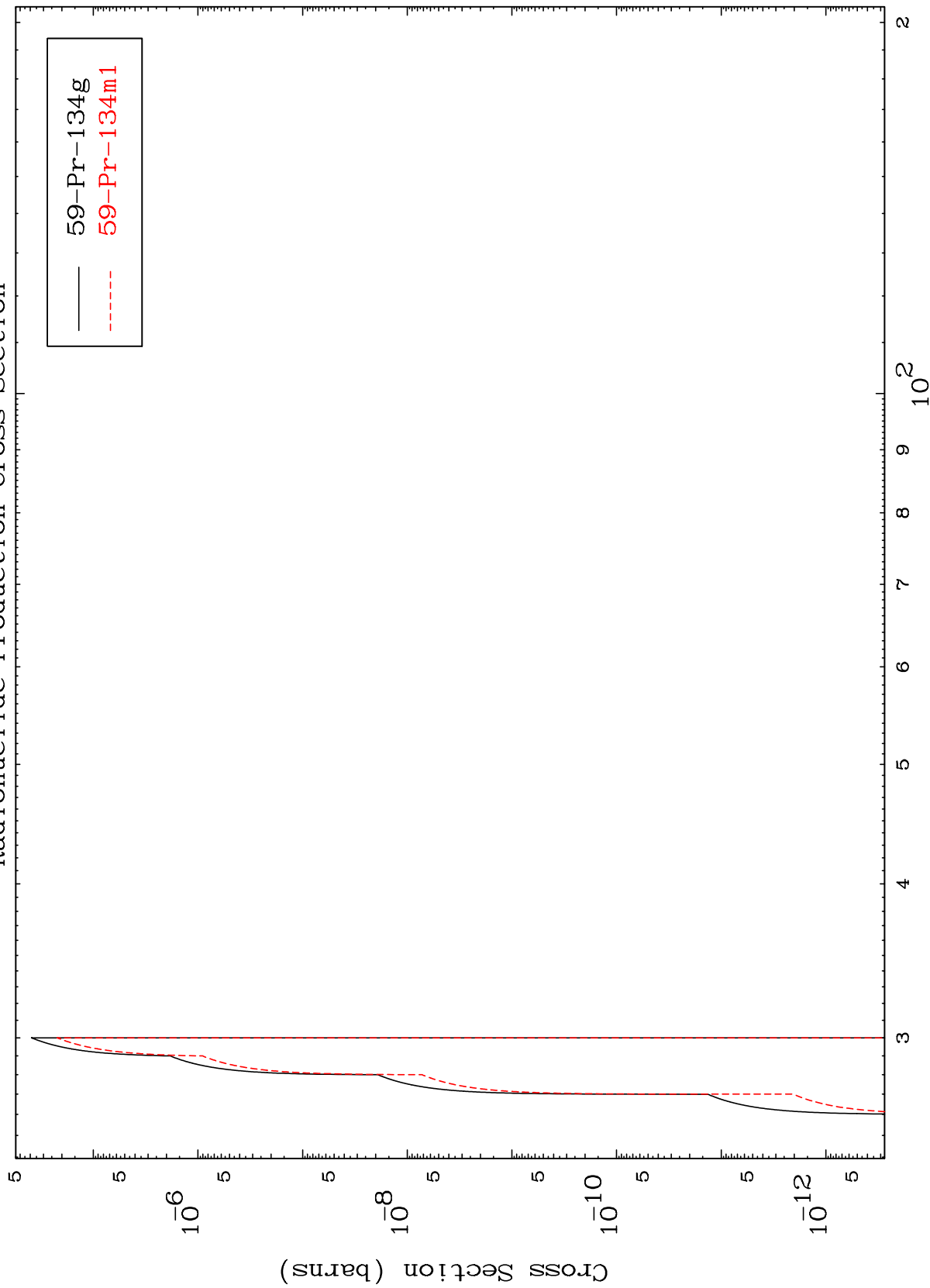
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

(n,3n) p
Radionuclide Production Cross Section



131

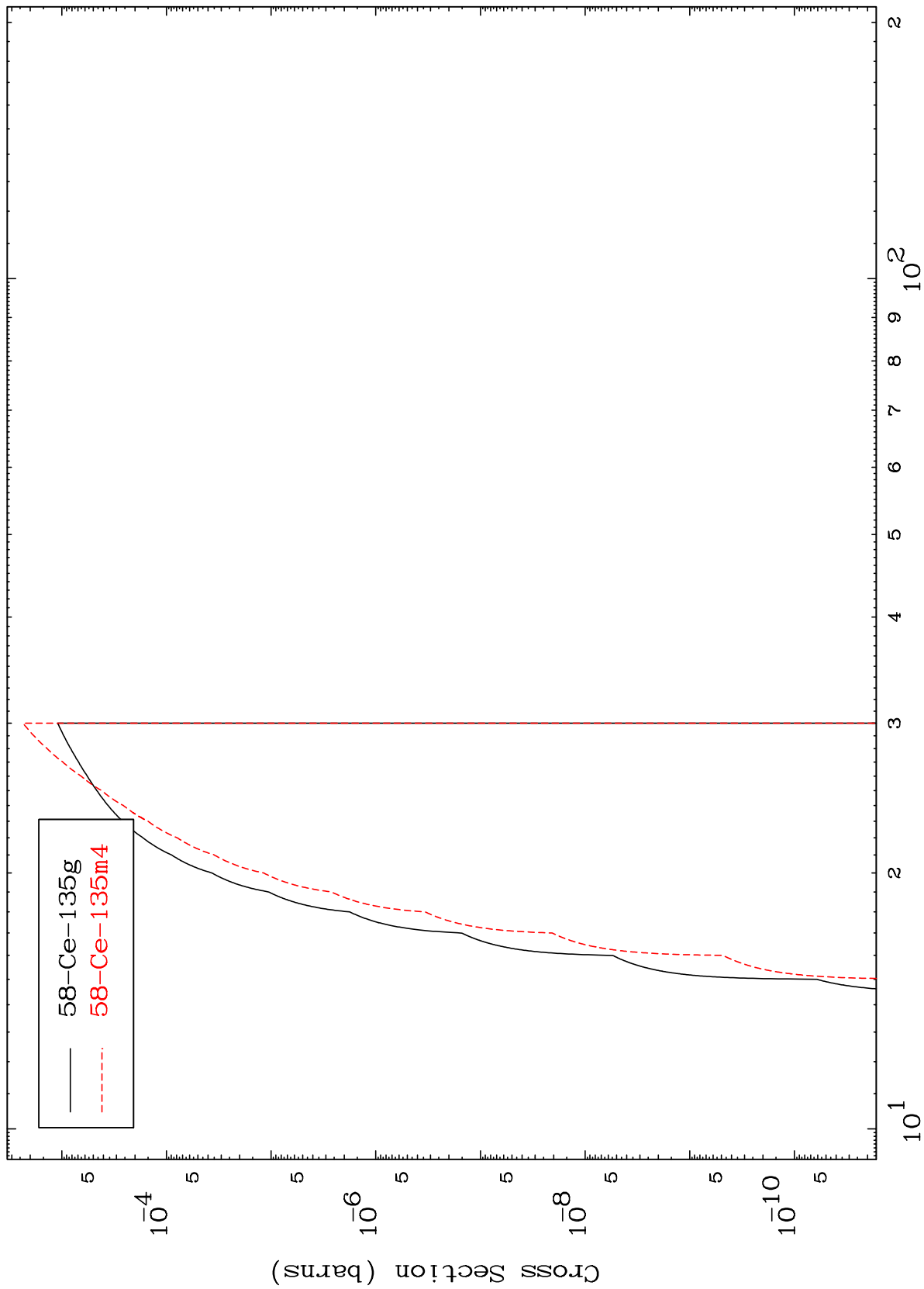
60-Nd-137

Incident Energy (MeV)

MAT 6010

$^{60}\text{Nd-137}$

$(n,2n)$ p
Radionuclide Production Cross Section



$^{60}\text{Nd-137}$

Incident Energy (MeV)

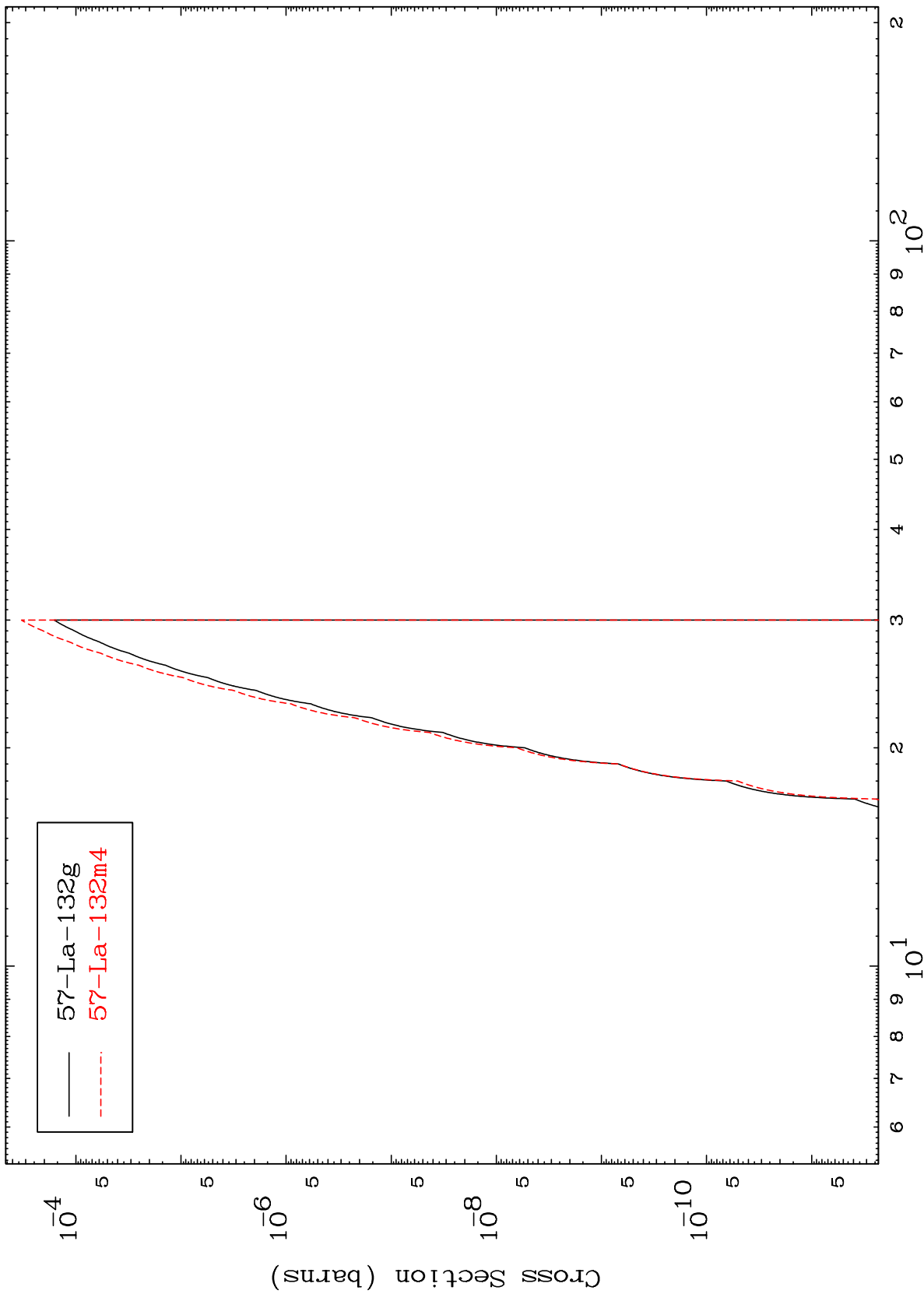
132

MAT 6010

(n,n') p α

60-Nd-137

Radionuclide Production Cross Section



133

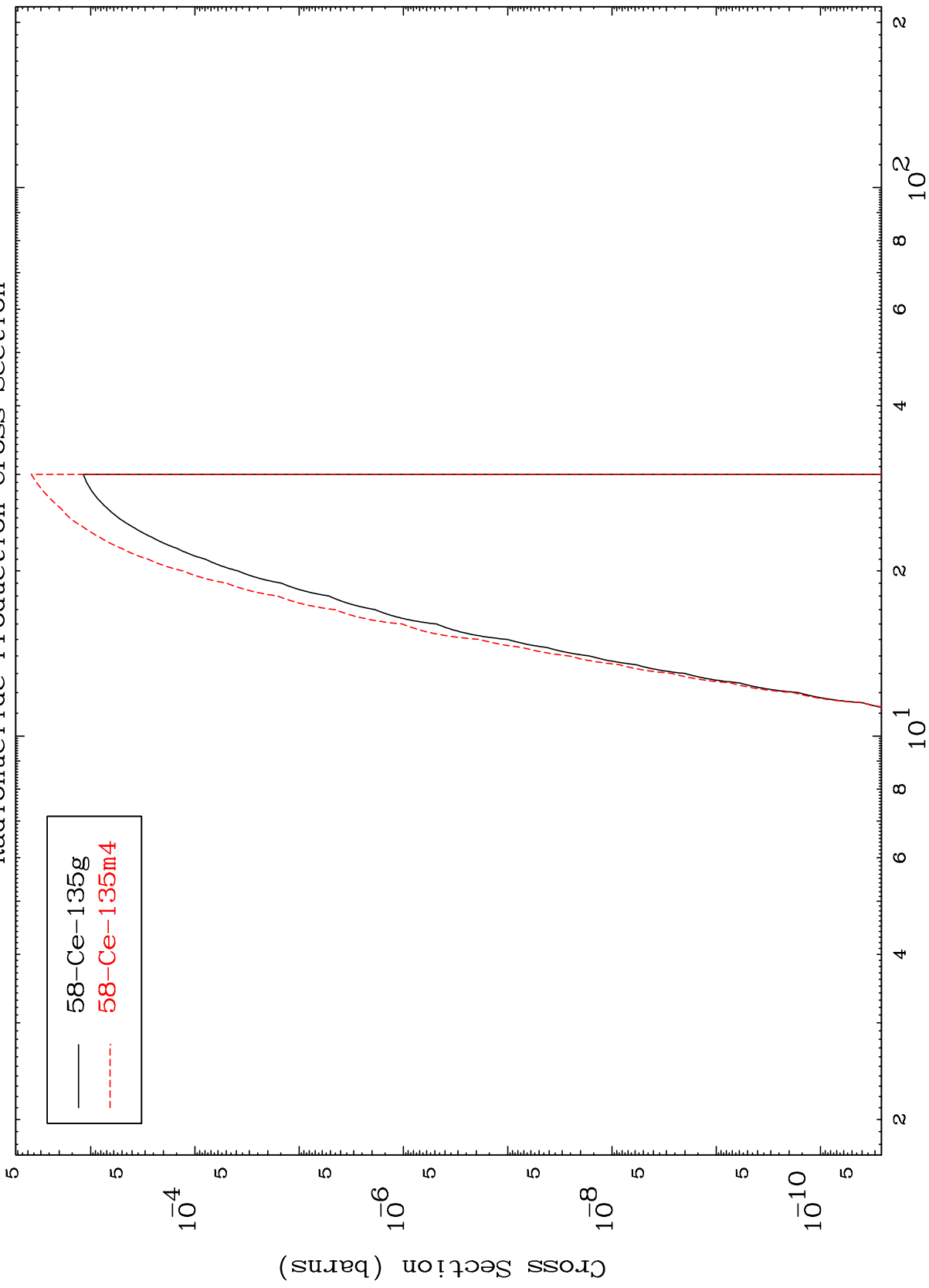
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

Radionuclide Production Cross Section
(n,He-3)



134

Incident Energy (MeV)

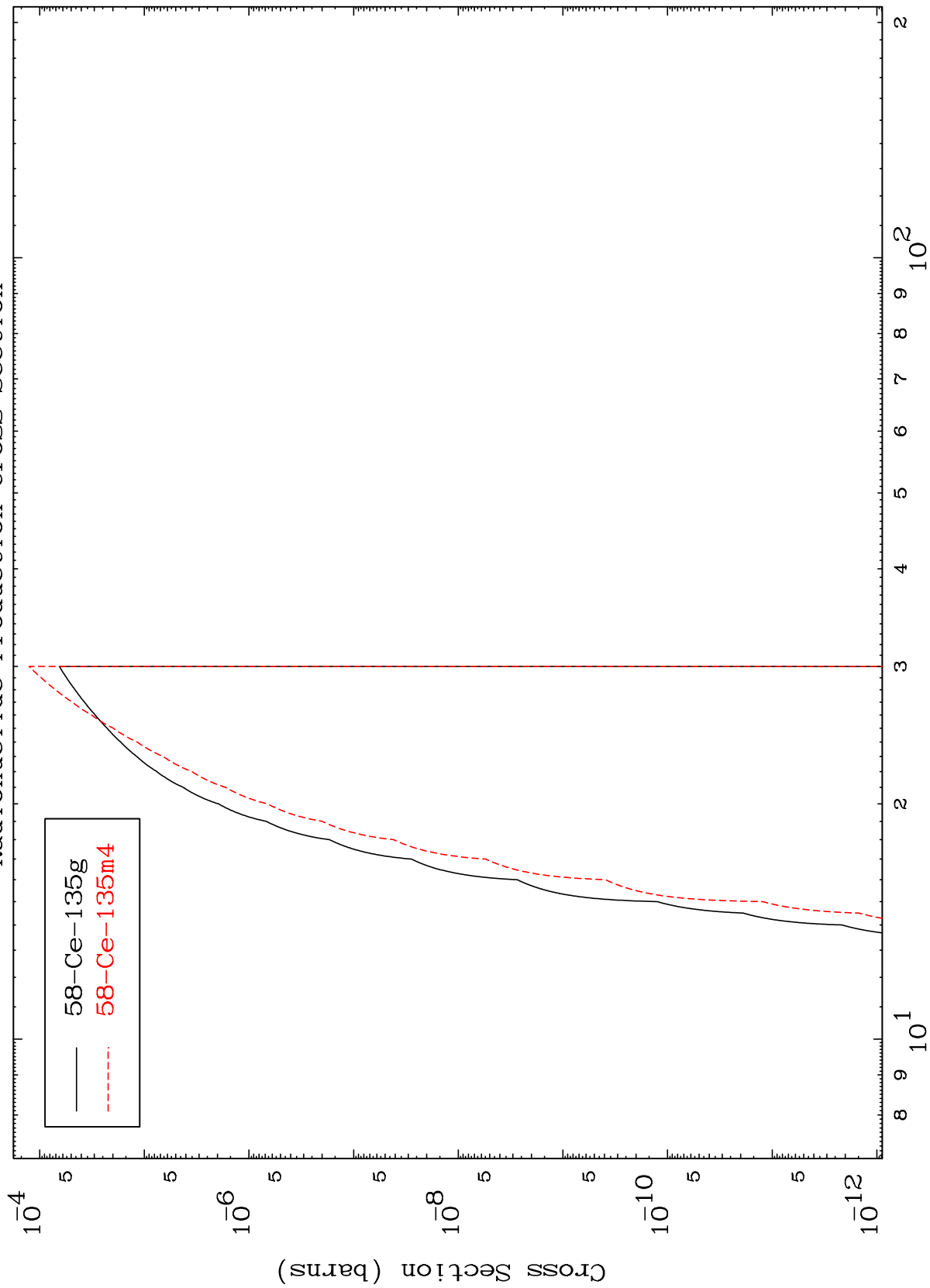
60-Nd-137

MAT 6010

(n,p) d

60-Nd-137

Radionuclide Production Cross Section



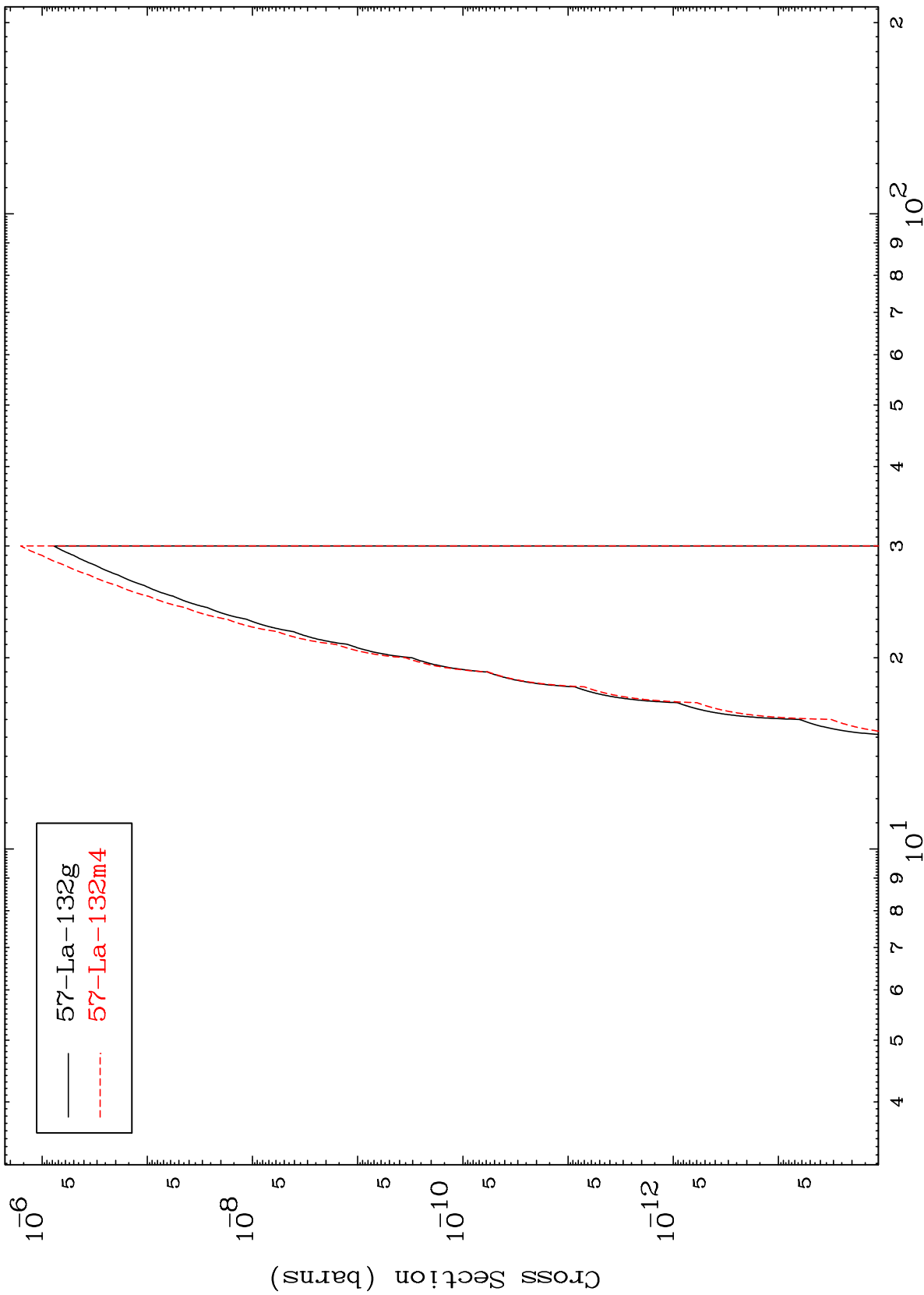
58-Ce-135g
58-Ce-135m4

MAT 6010

(n,d) α

$^{60}\text{Nd}-137$

Radionuclide Production Cross Section



136

Incident Energy (MeV)

$^{60}\text{Nd}-137$