

Program EVALPLOT
(Version 2021-1)

by

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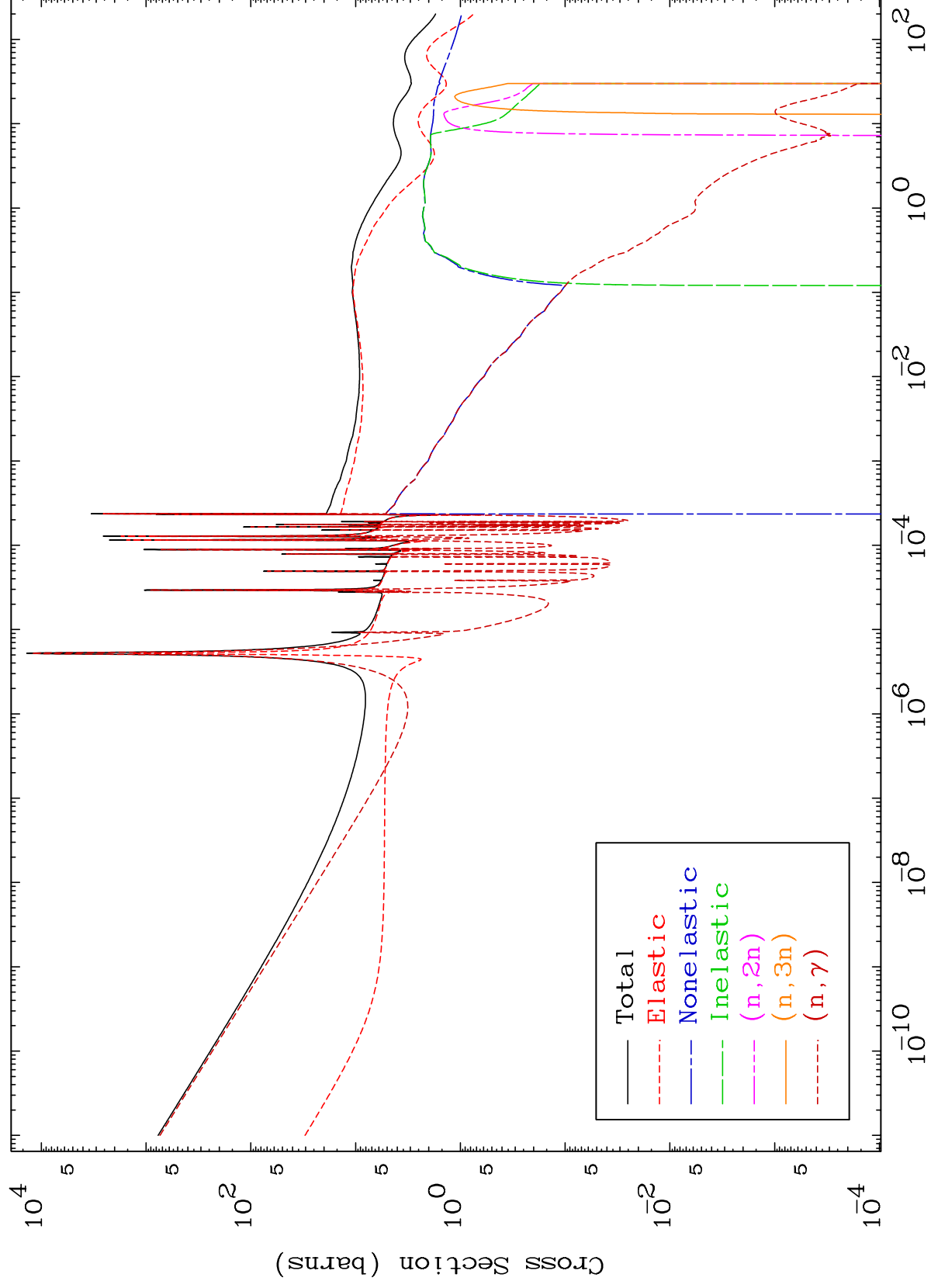
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4149

Neutron Major
293 Kelvin Cross Sections

41-Nb-101



1

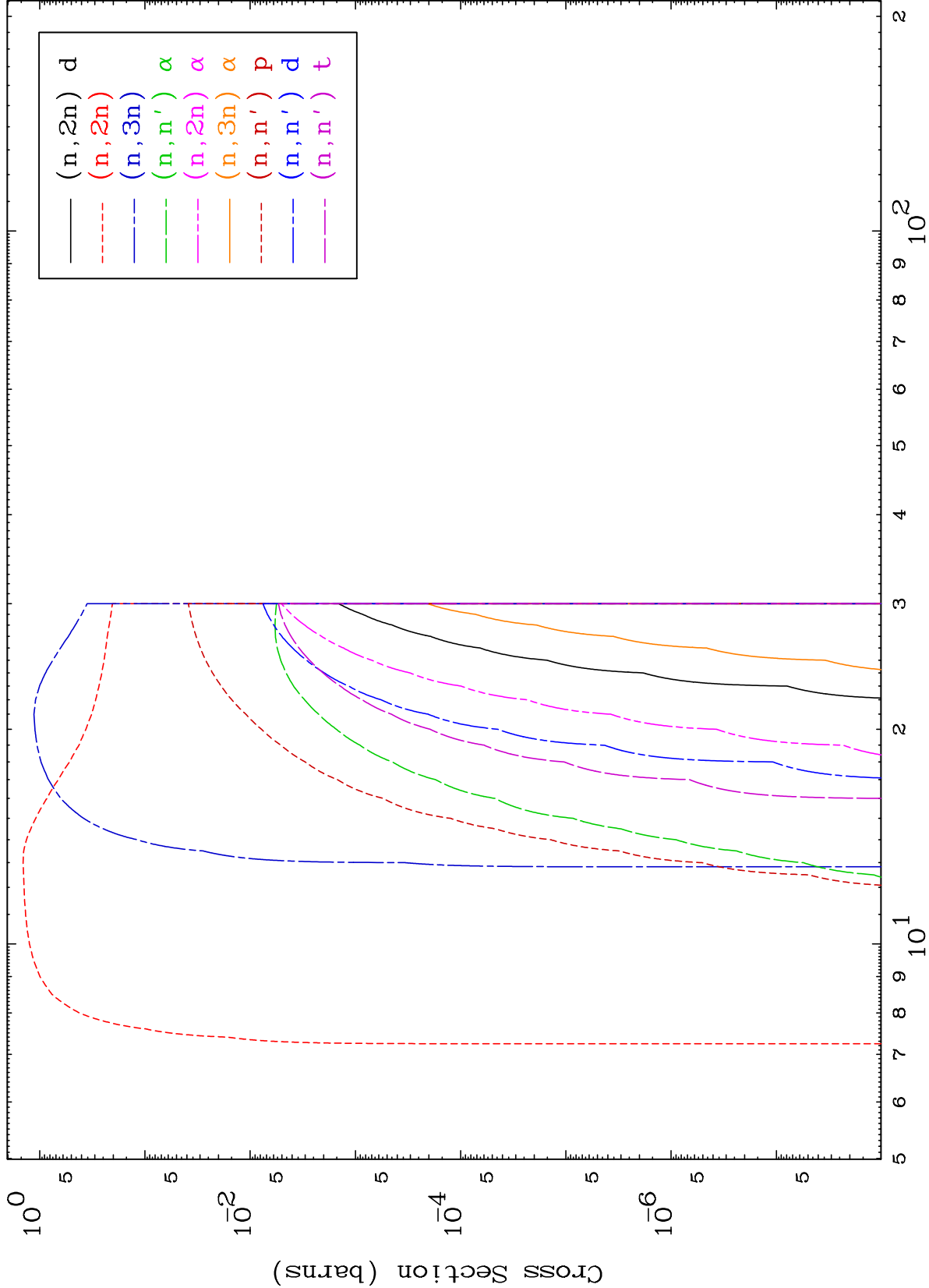
Incident Energy (MeV)

41-Nb-101

MAT 4149

Neutron Absorption
293 Kelvin Cross Sections

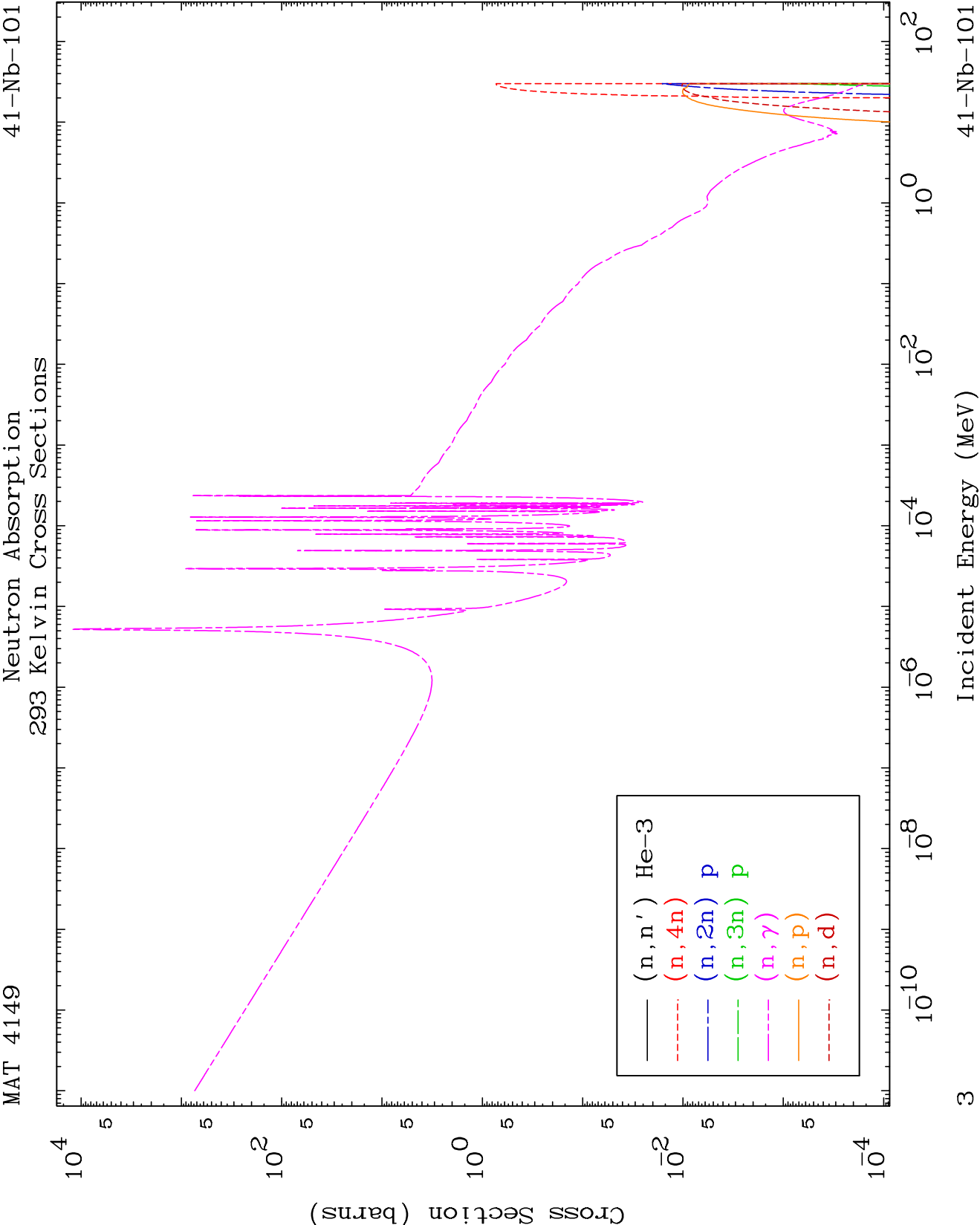
41-Nb-101

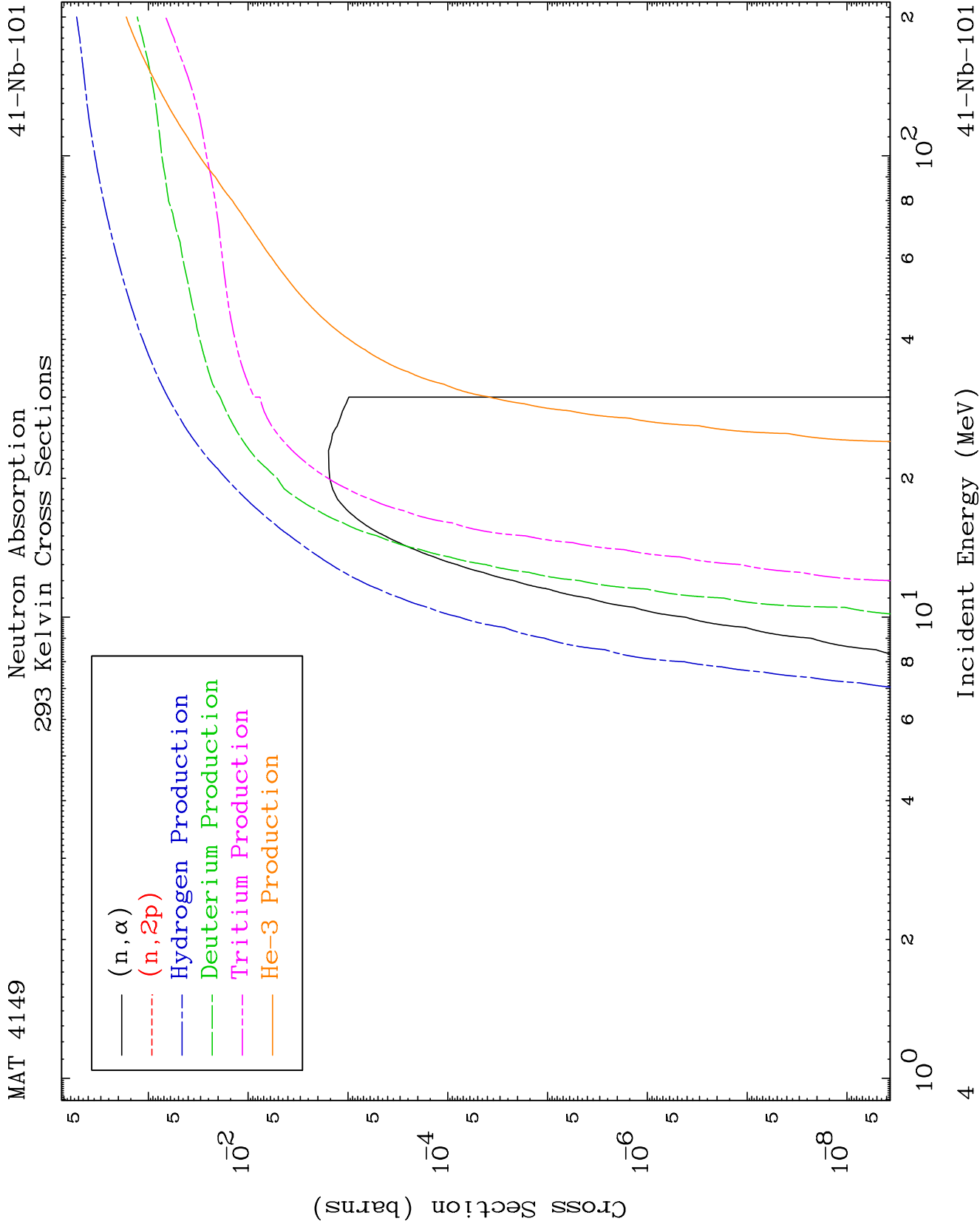


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Incident Energy (MeV)

41-Nb-101

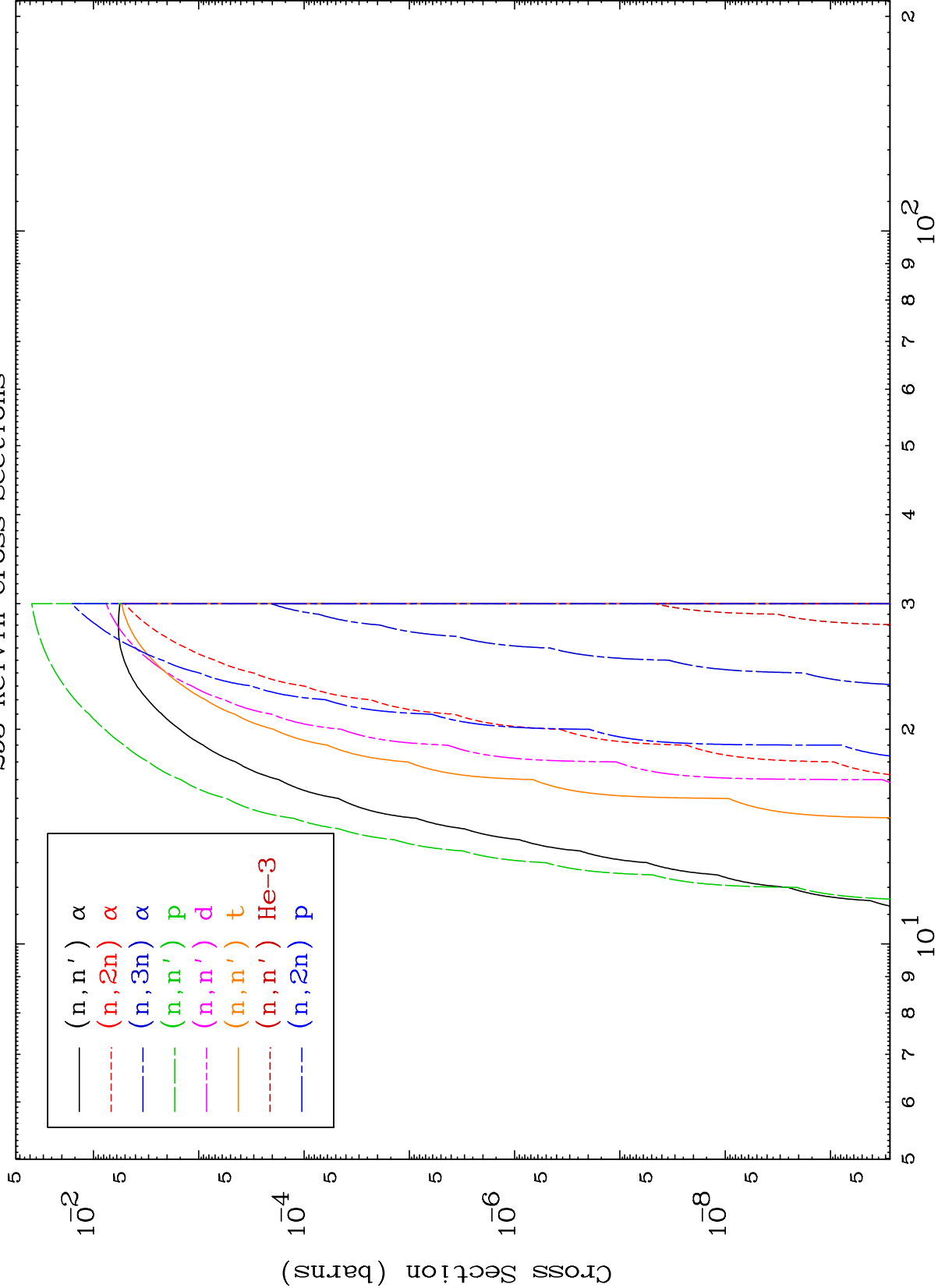




MAT 4149

Charged Particle
293 Kelvin Cross Sections

41-Nb-101



Incident Energy (MeV)

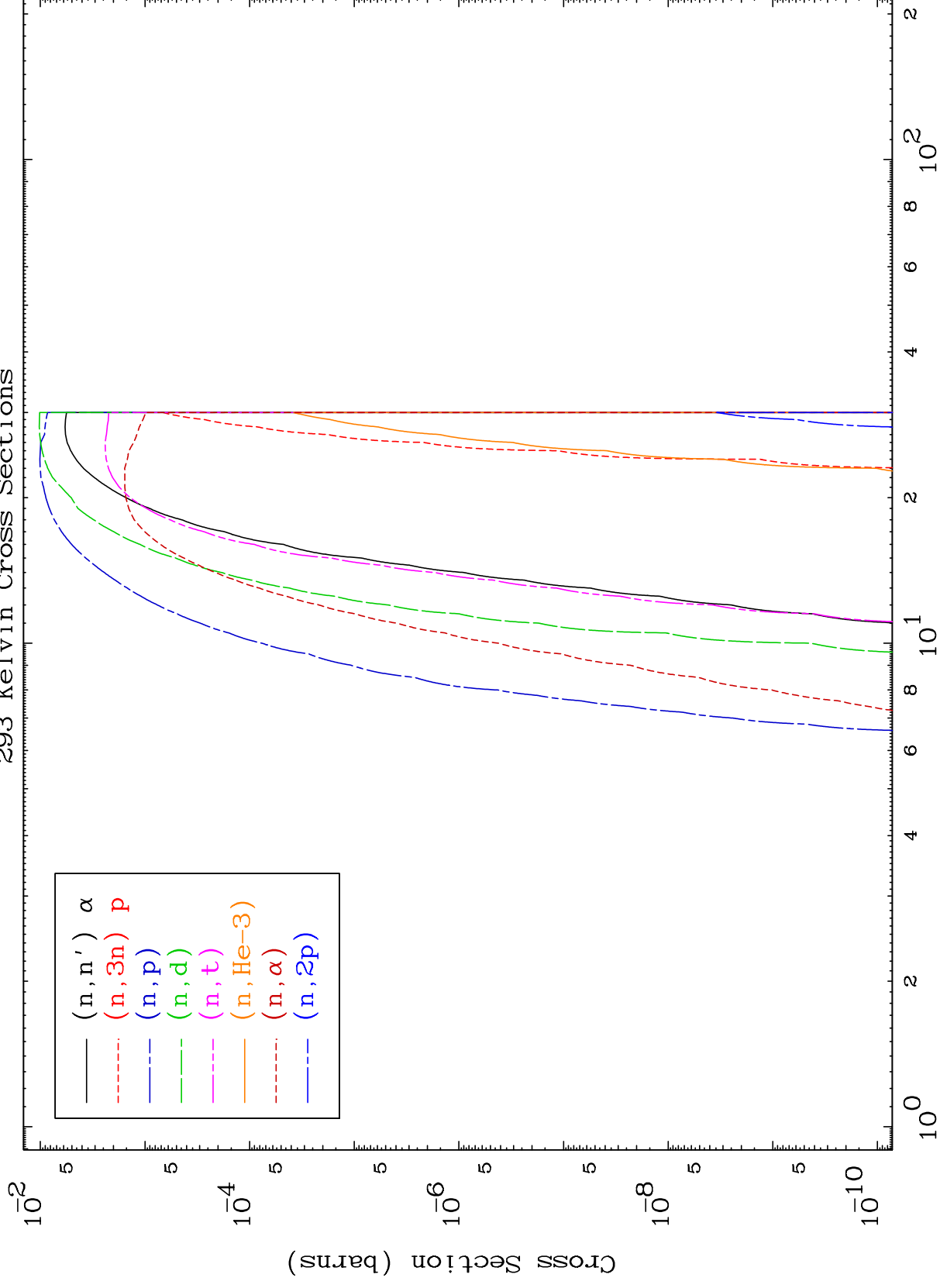
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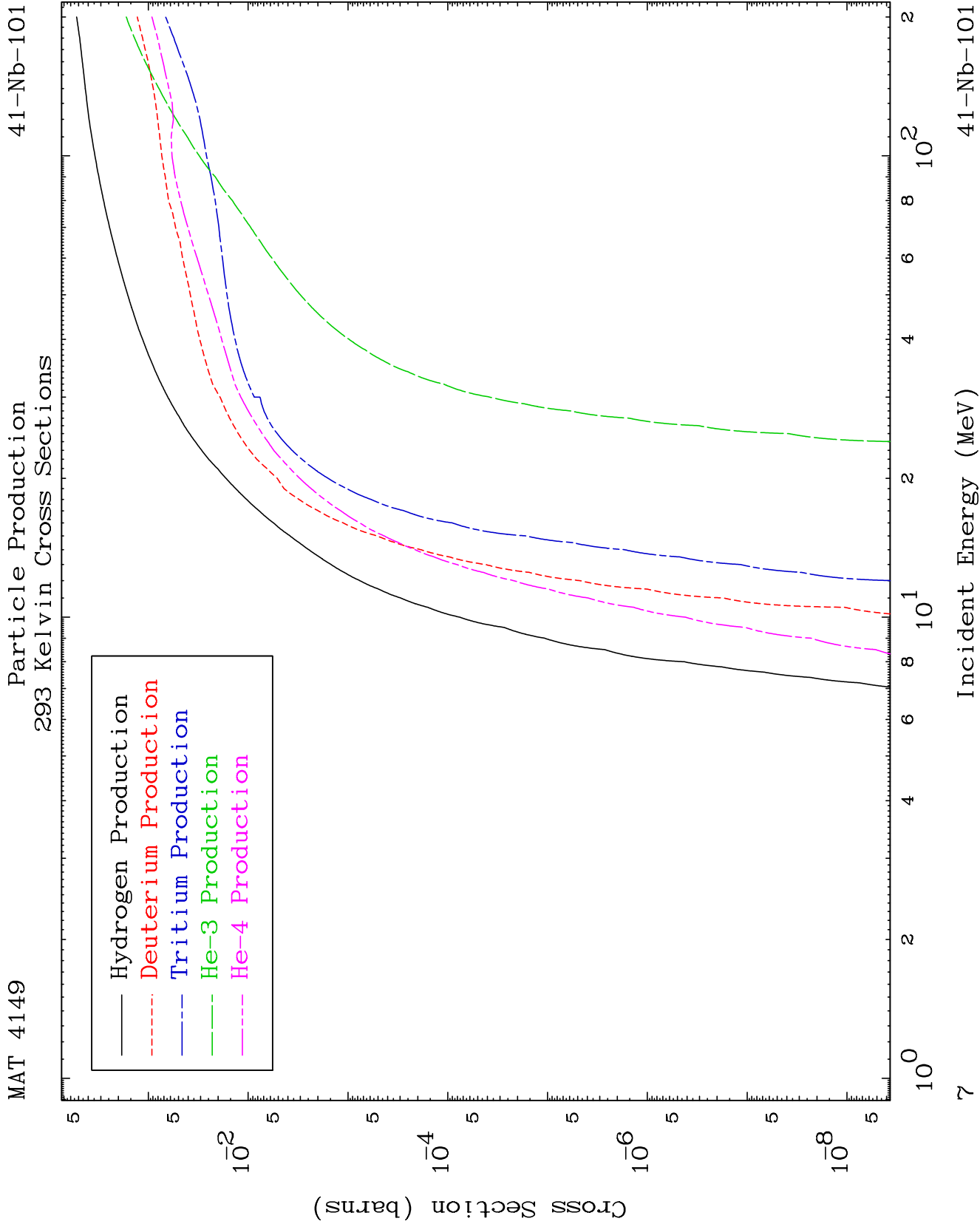
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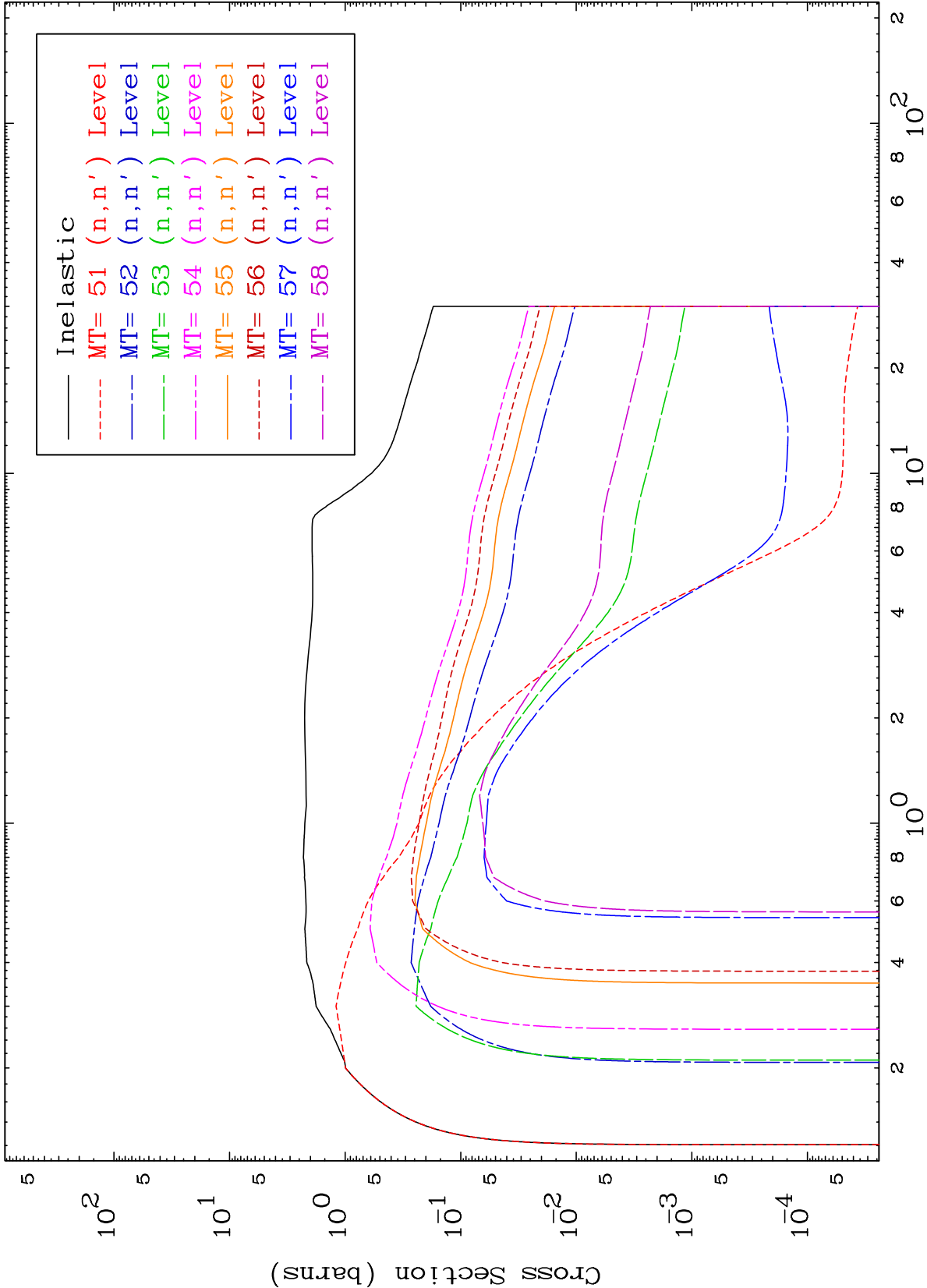
MAT 4149

Charged Particle 293 Kelvin Cross Sections

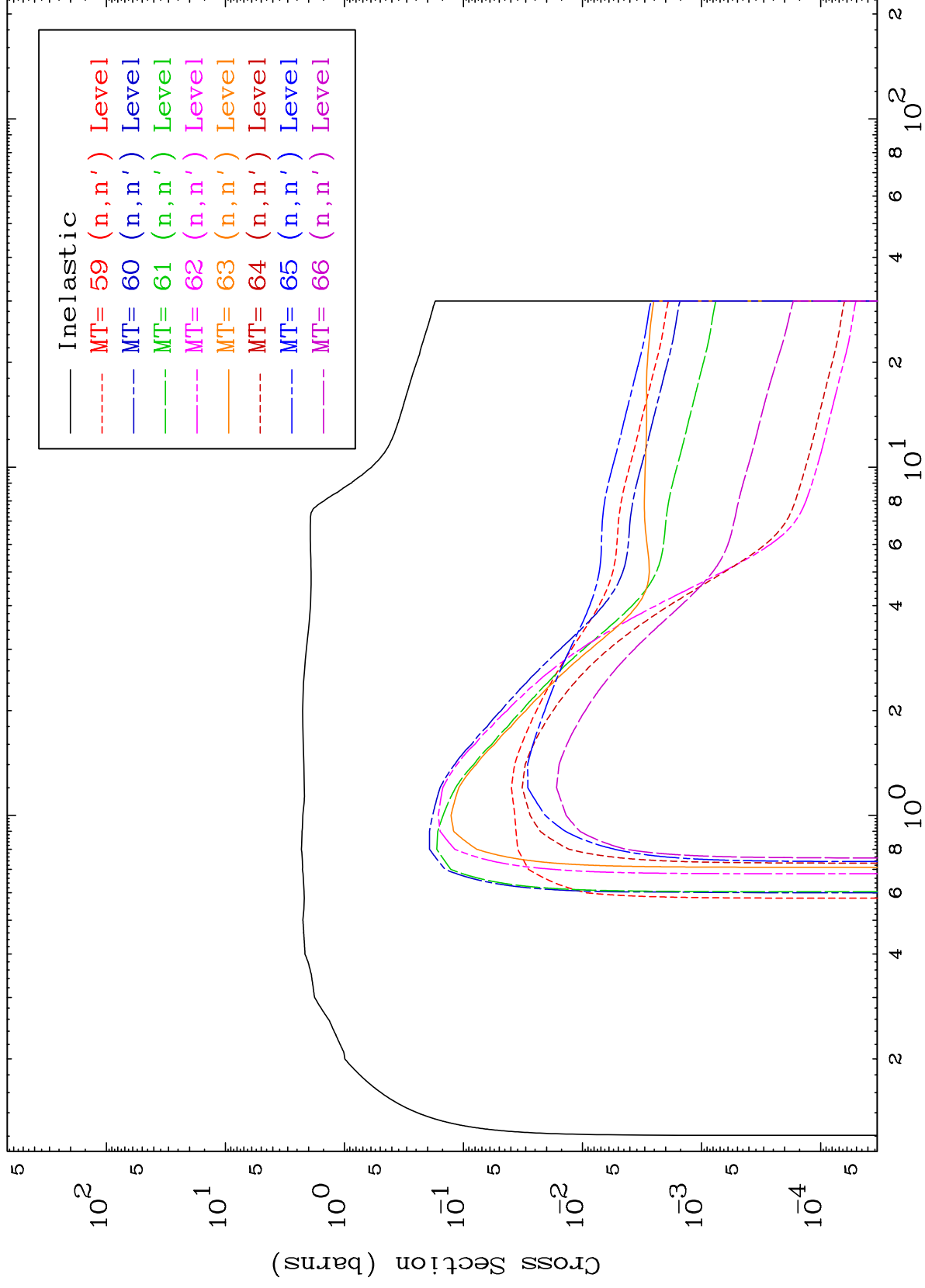
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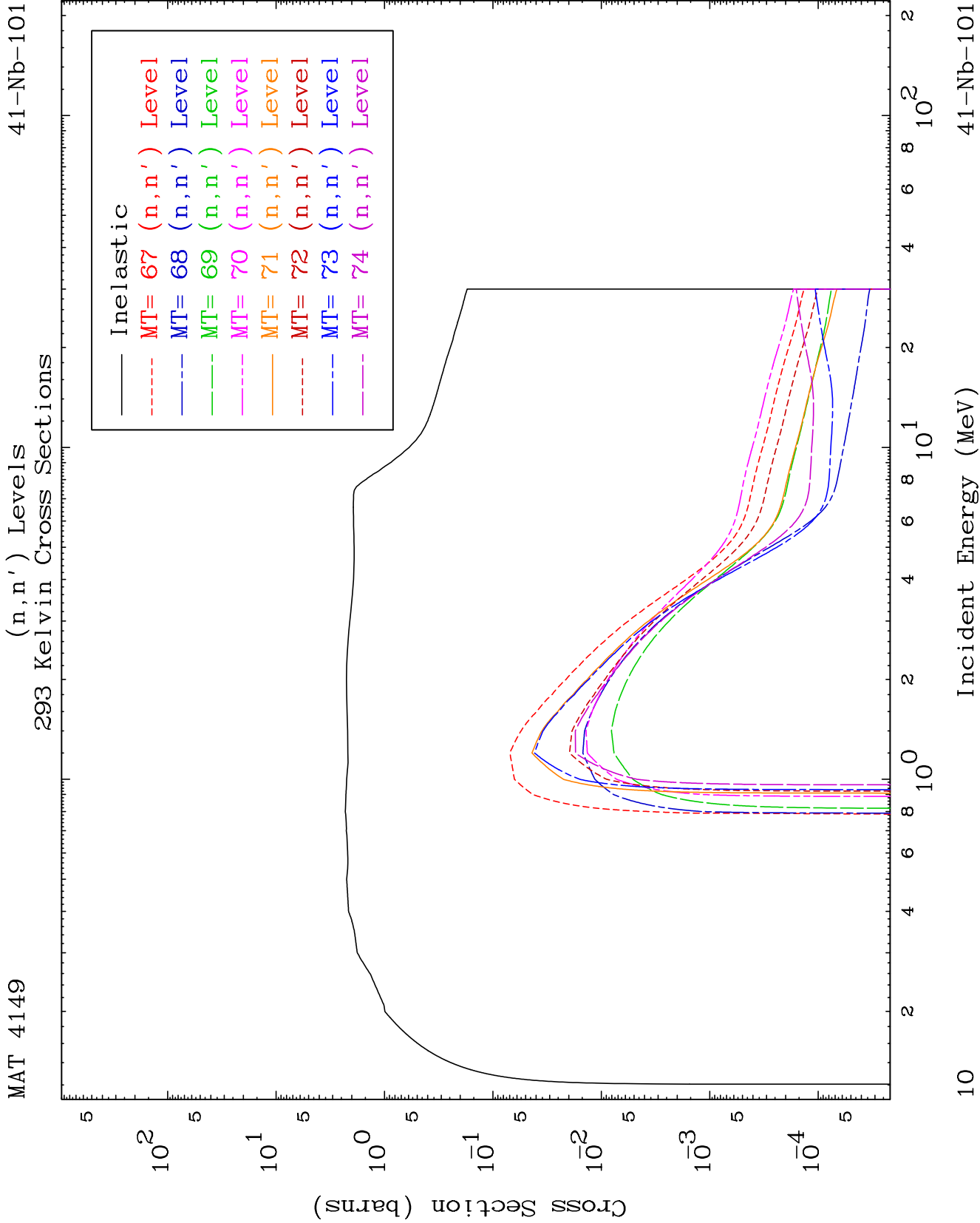


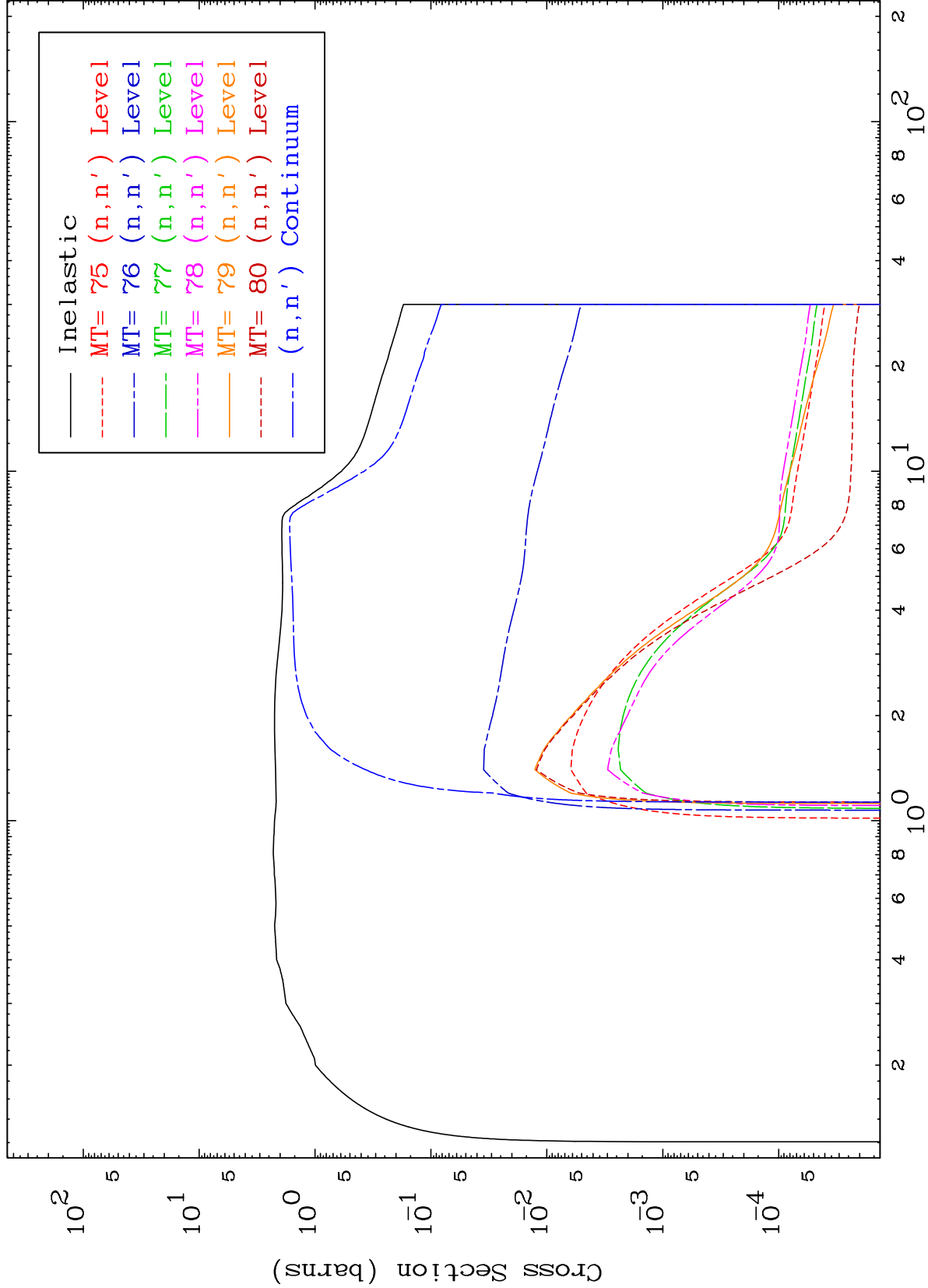


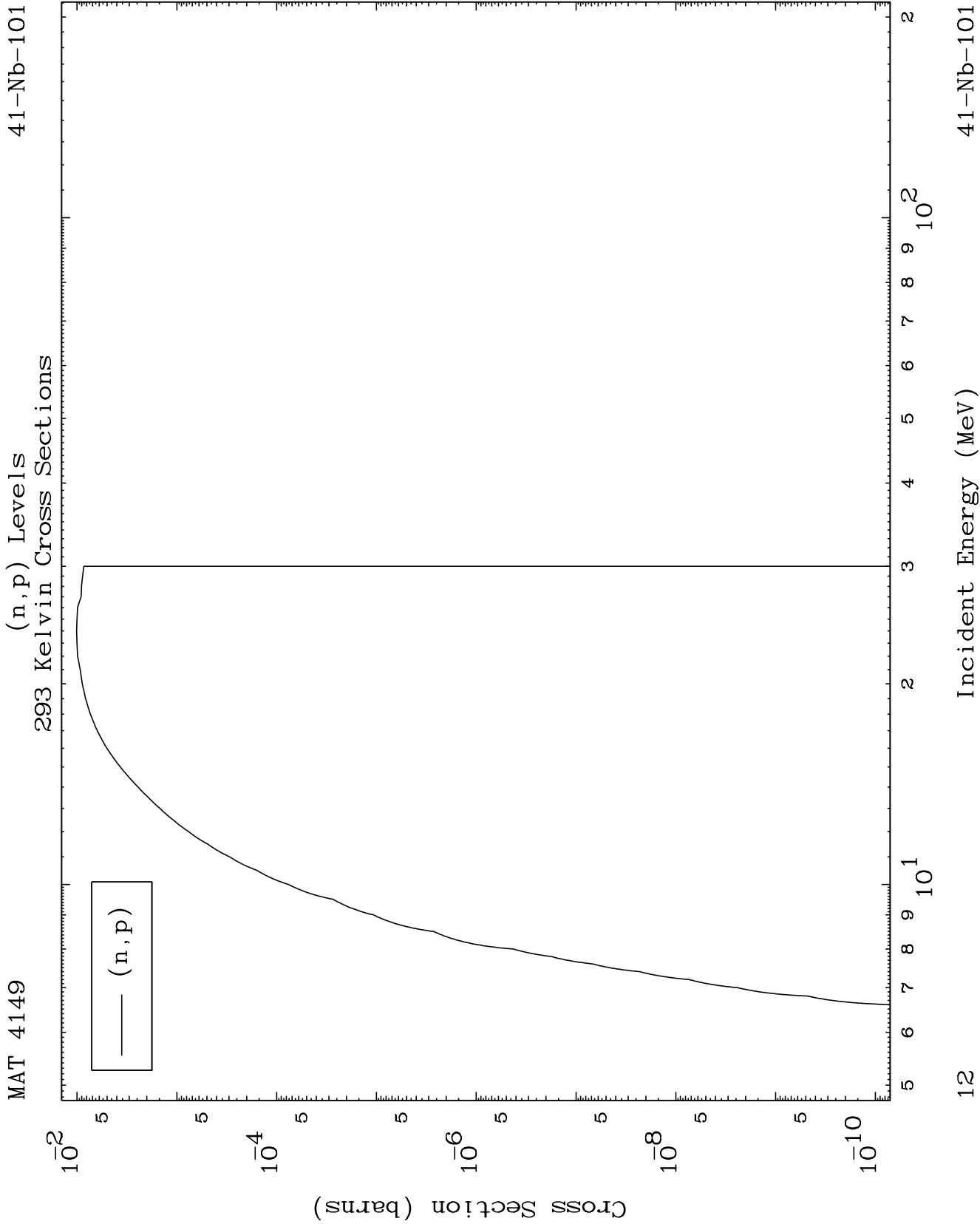


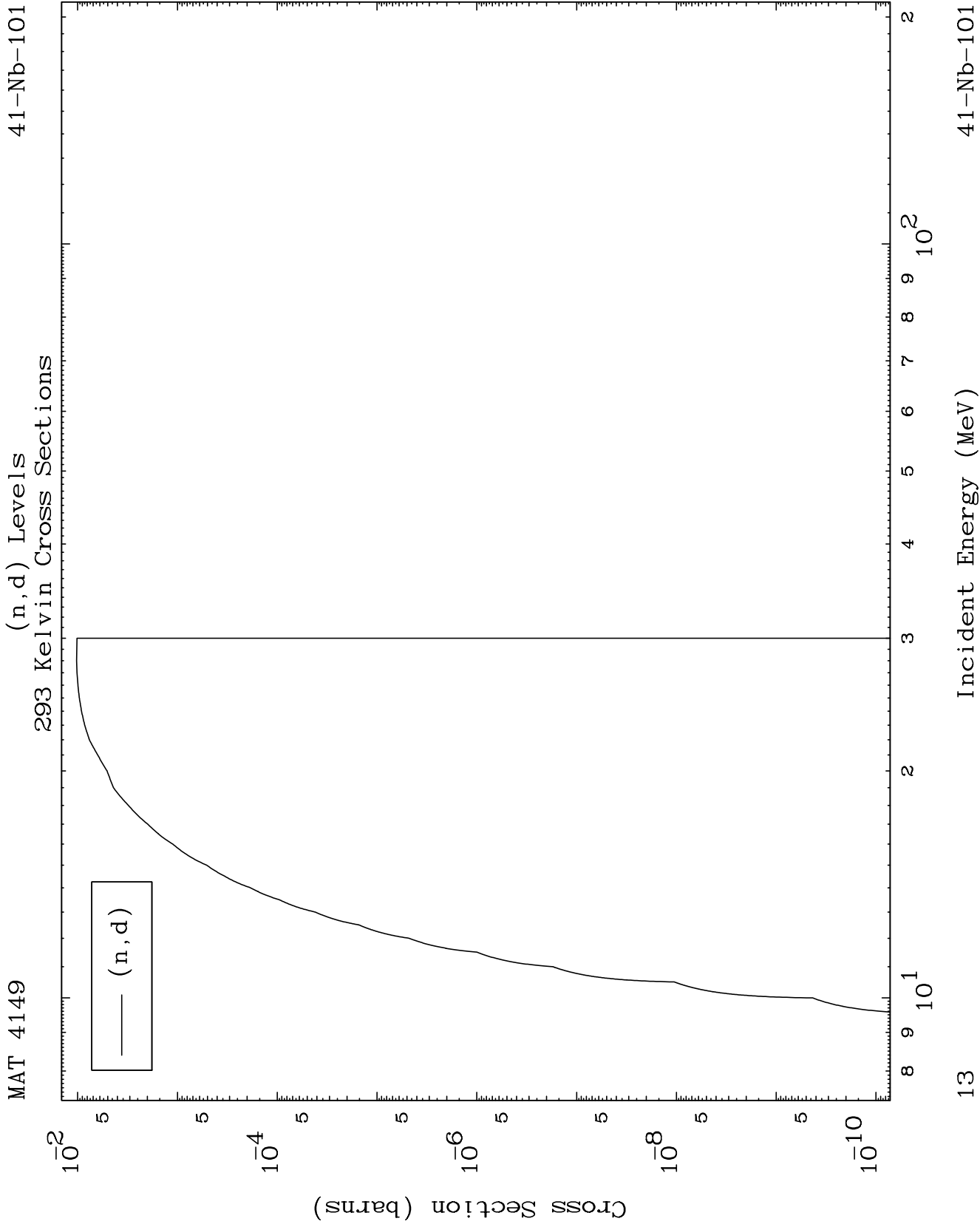
(n,n') Levels
293 Kelvin Cross Sections







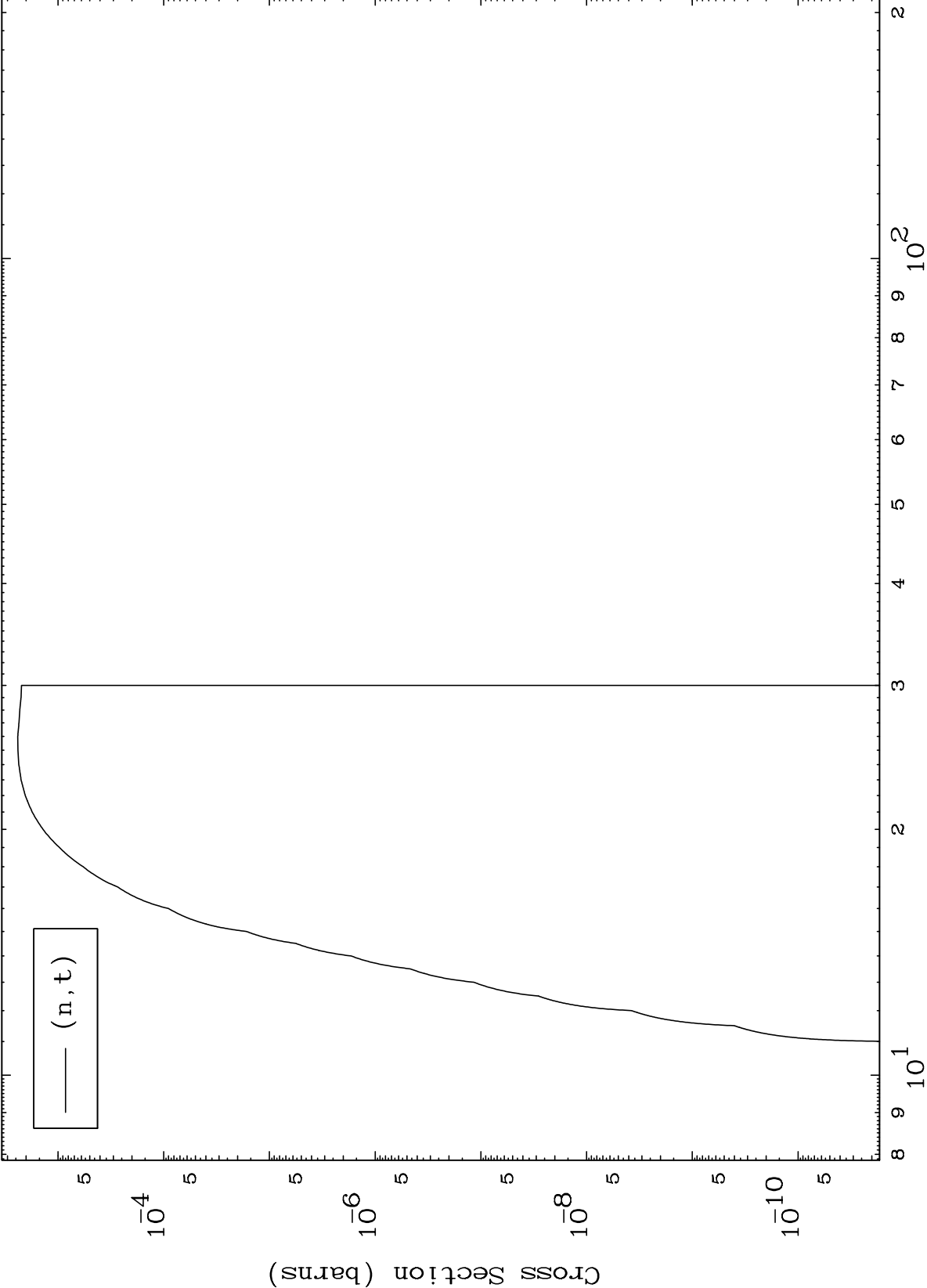




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41-Nb-101

(n,t) Levels
293 Kelvin Cross Sections



41-Nb-101

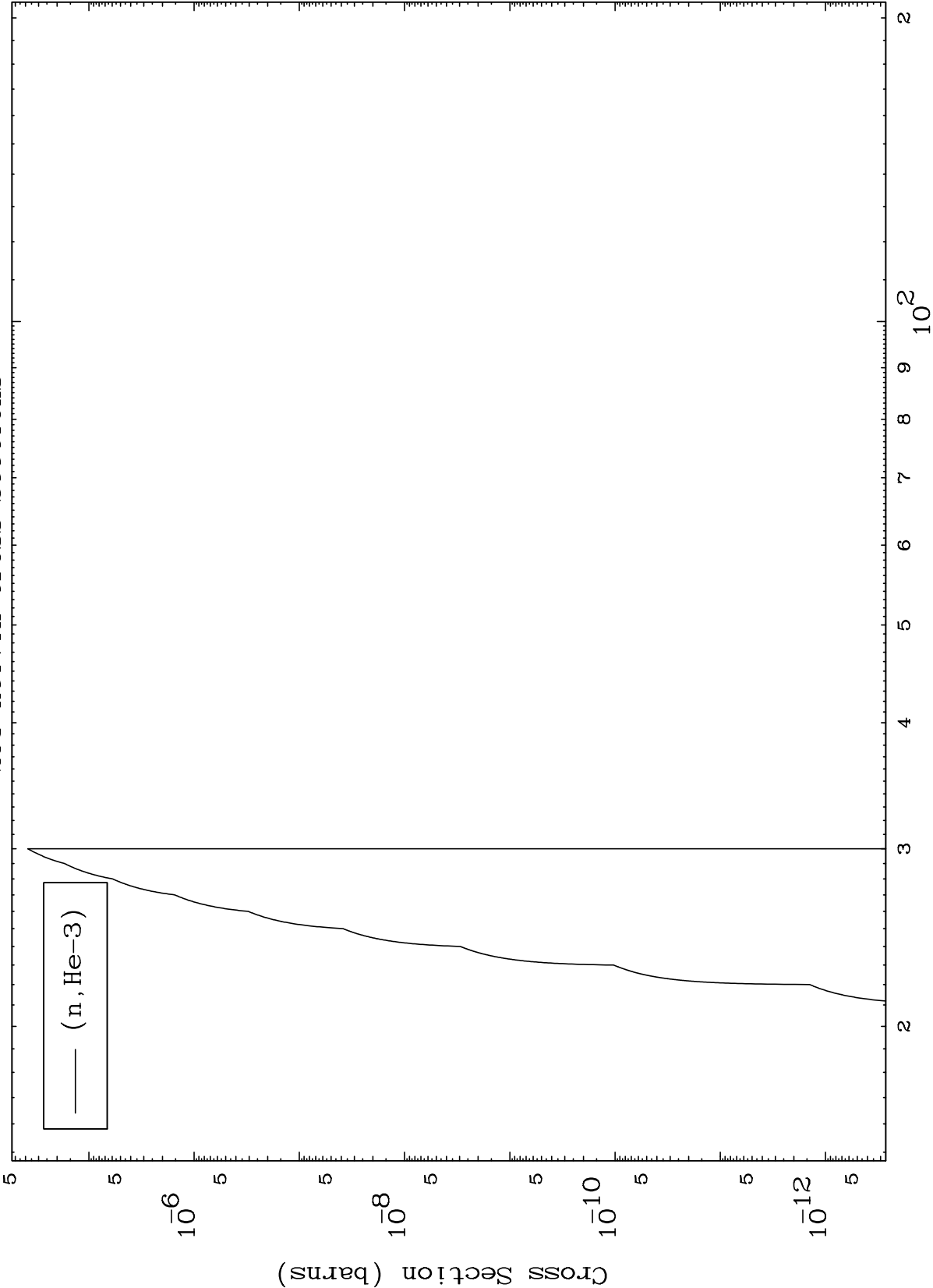
Incident Energy (MeV)

14

MAT 4149

(n,He3) Levels
293 Kelvin Cross Sections

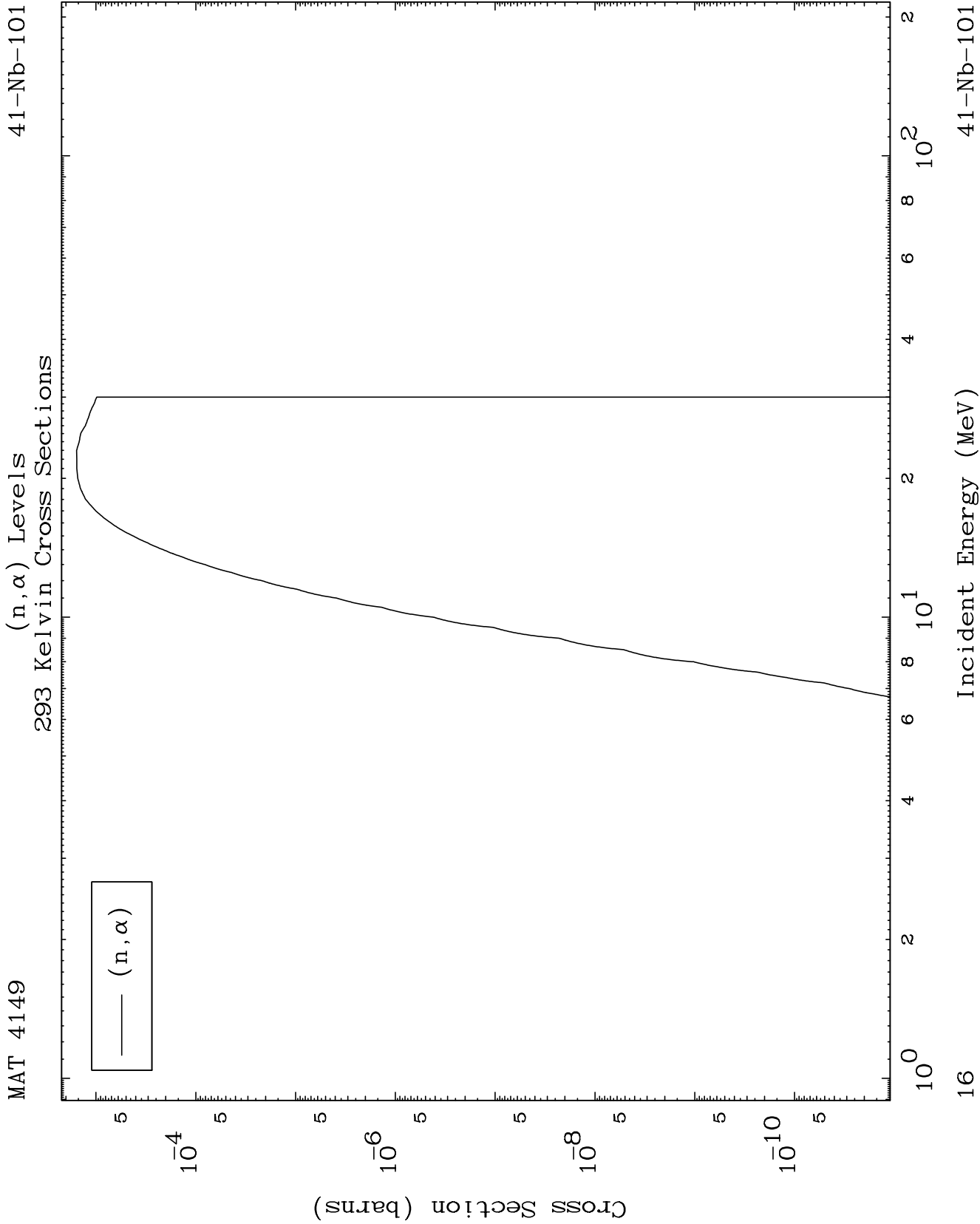
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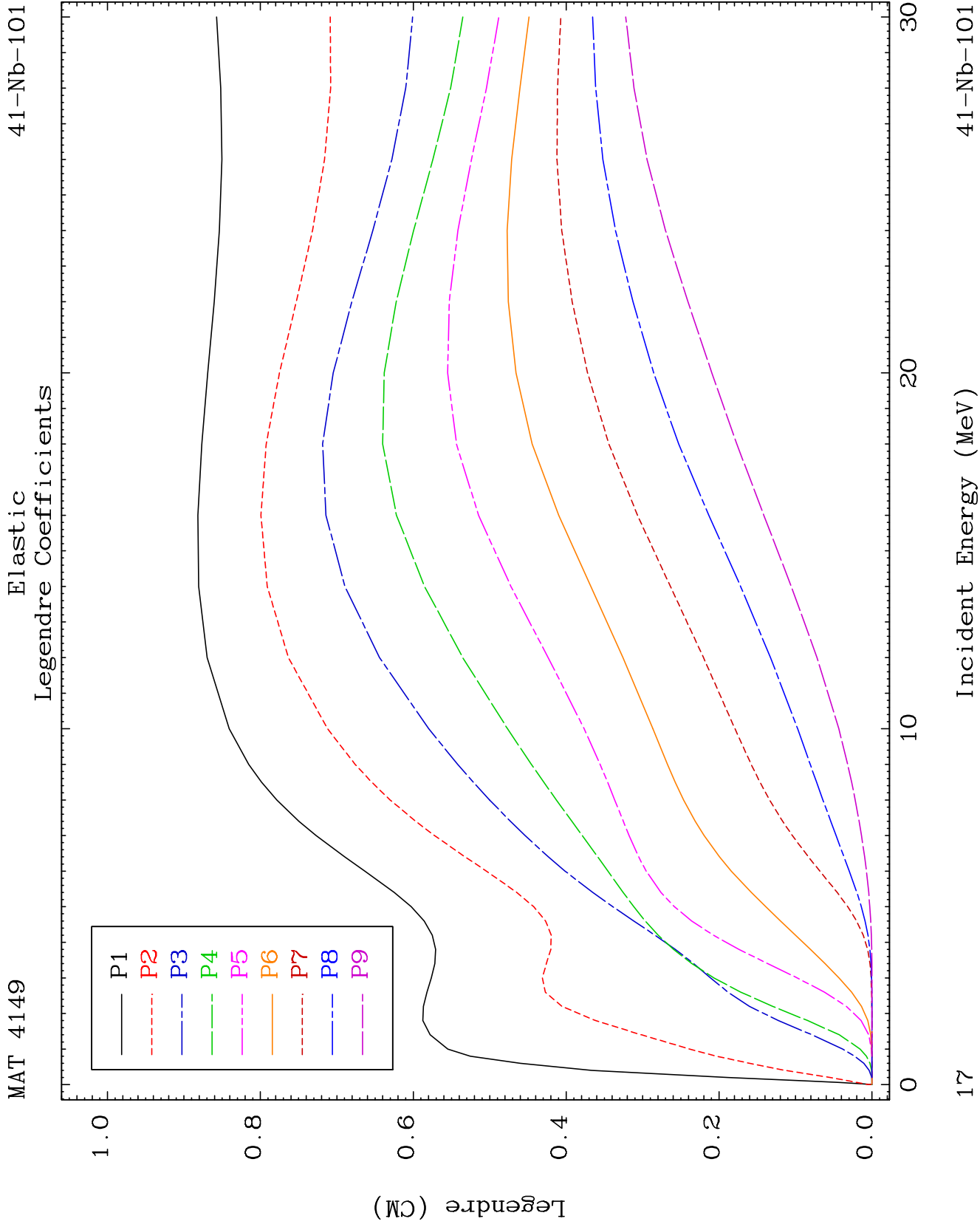


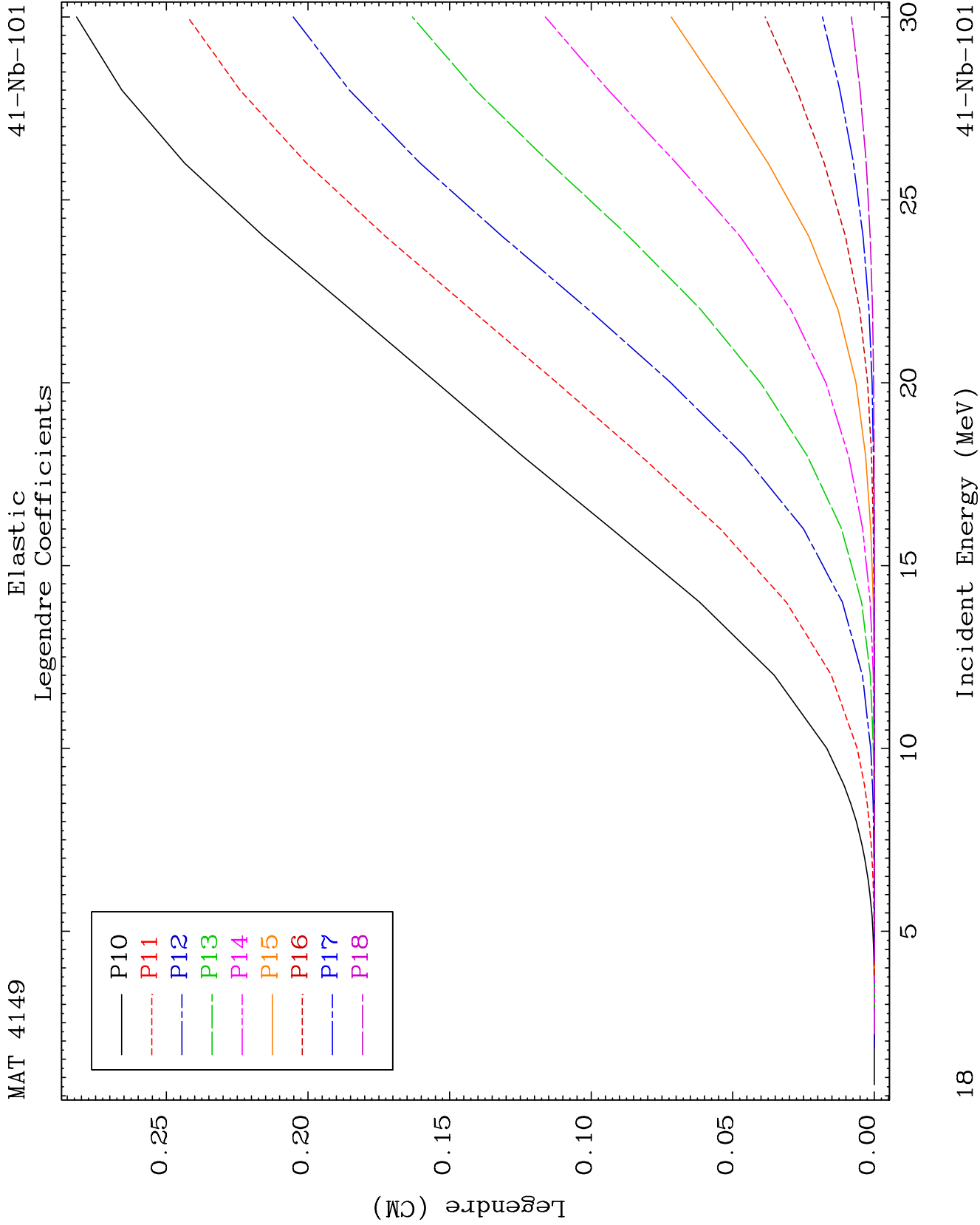
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Incident Energy (MeV)

41-Nb-101



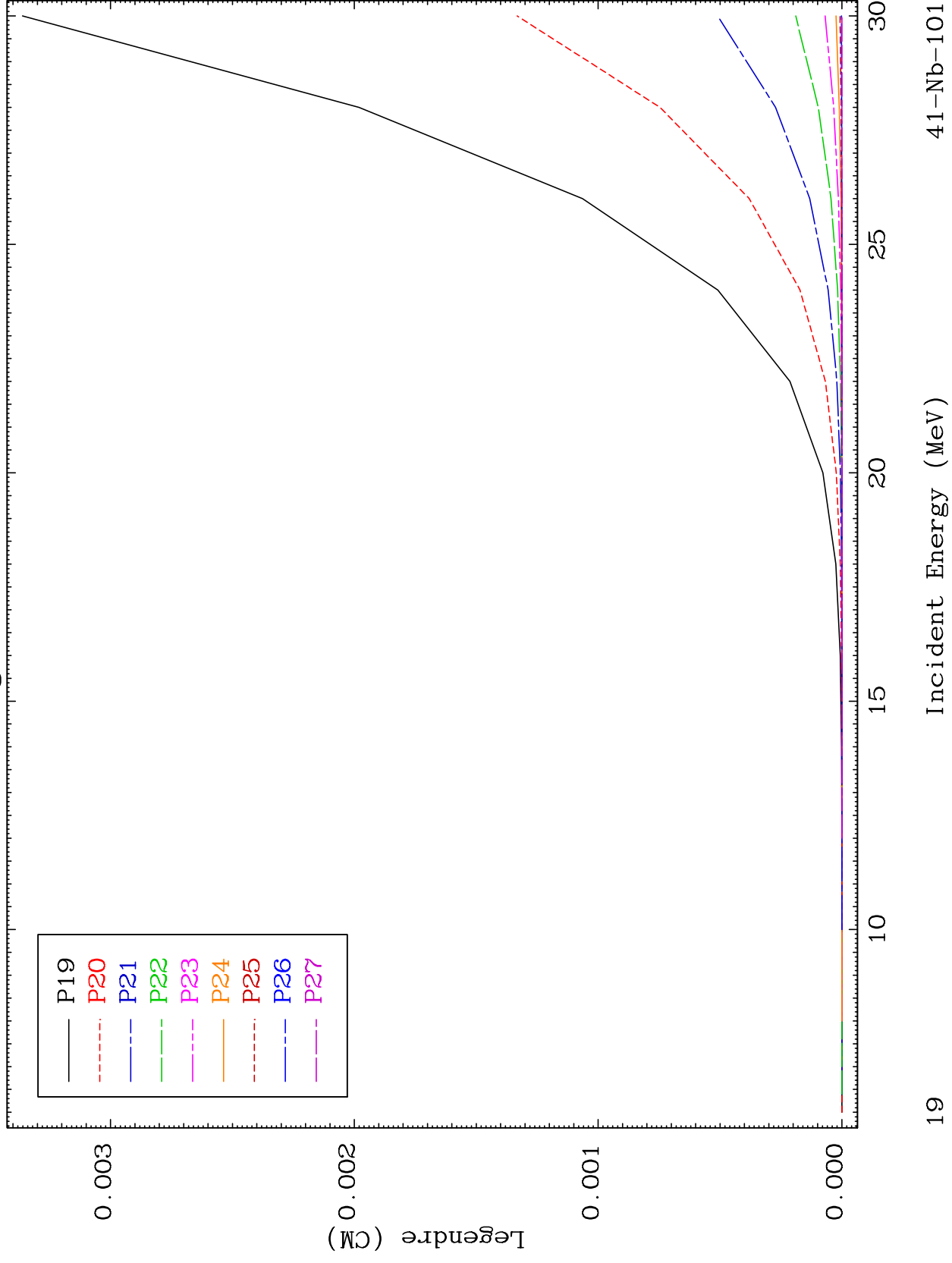




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Elastic Legendre Coefficients

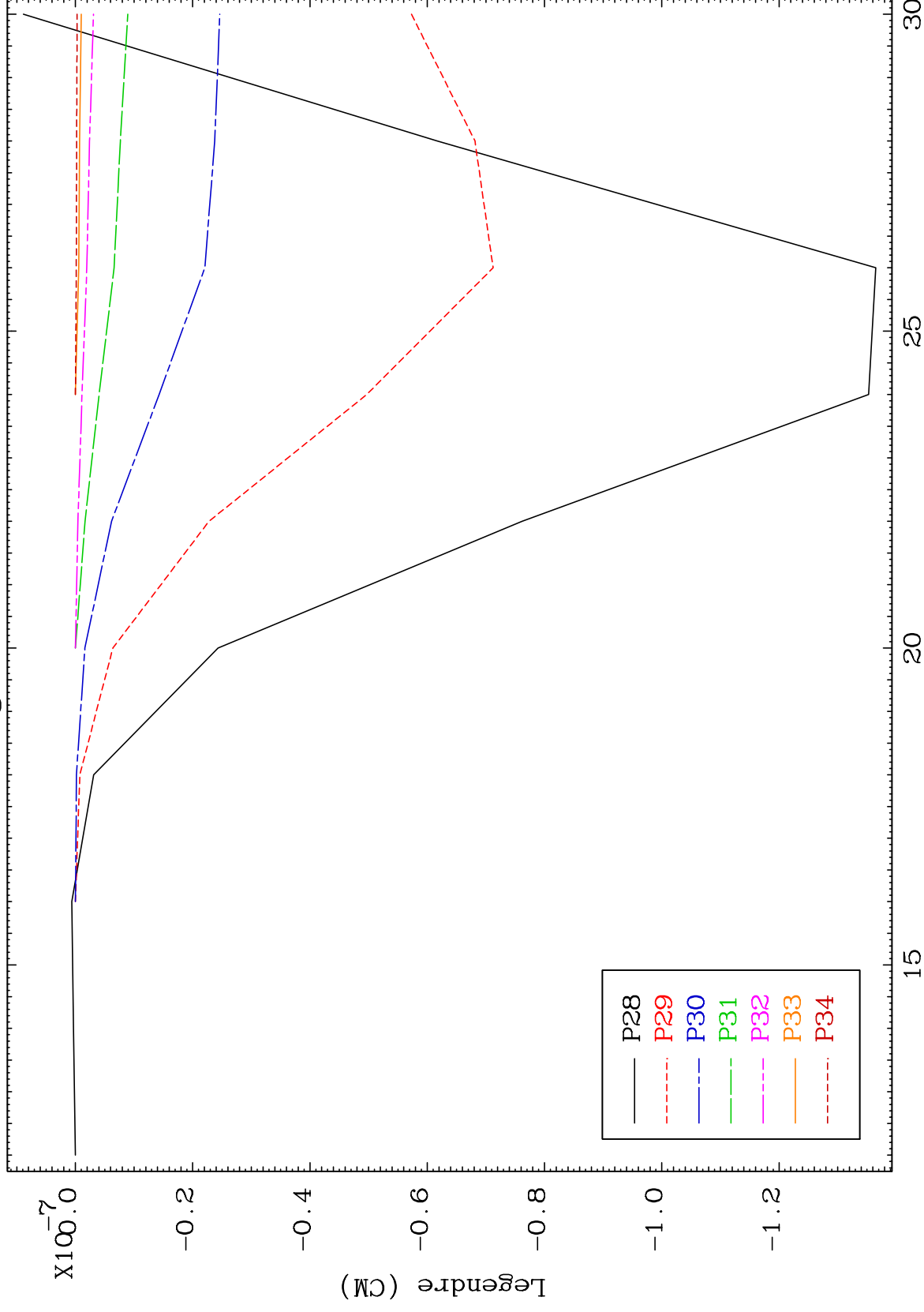
41-Nb-101



MAT 4149

41-Nb-101

Elastic Legendre Coefficients



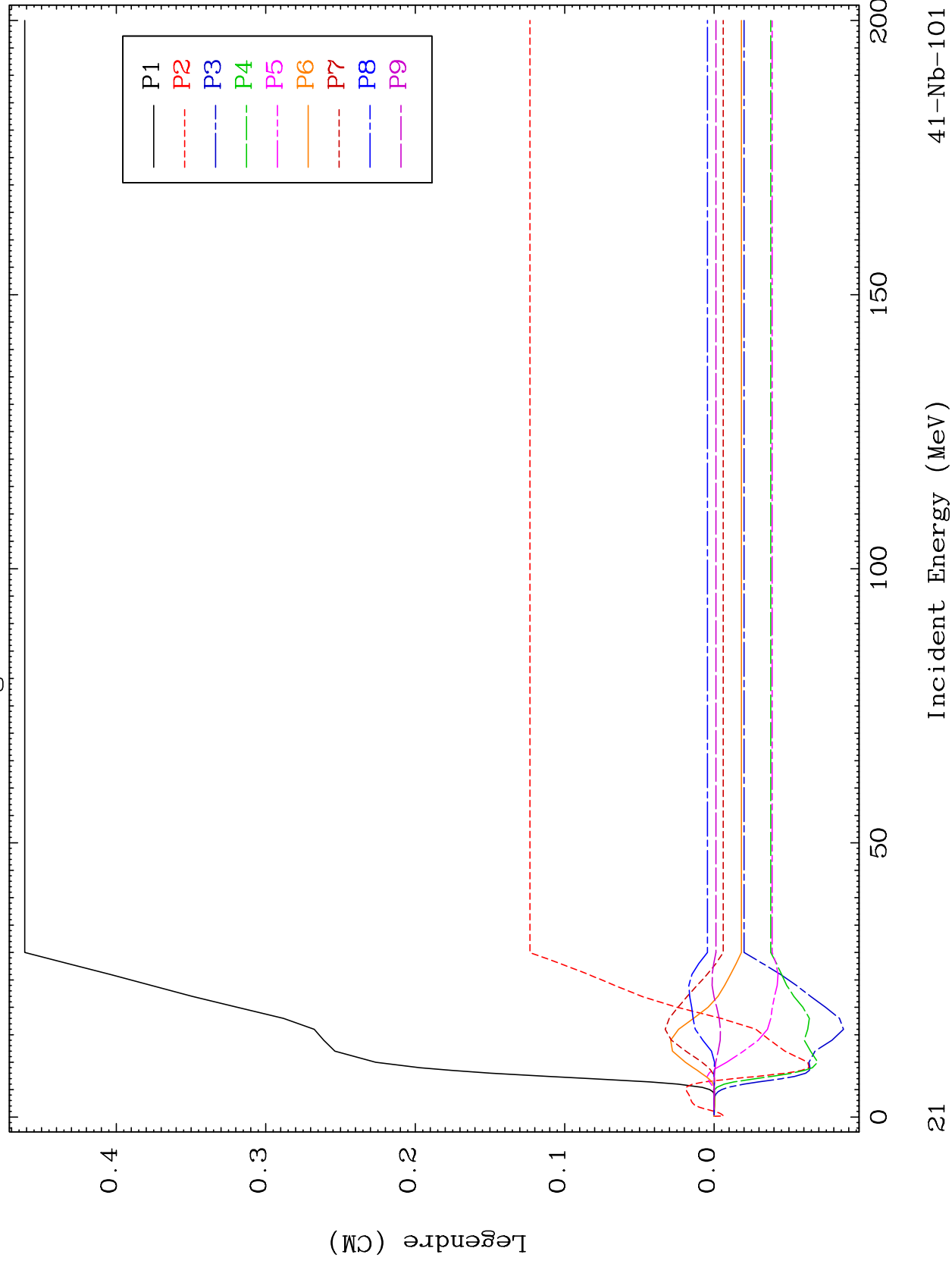
41-Nb-101

Incident Energy (MeV)

MAT 4149

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

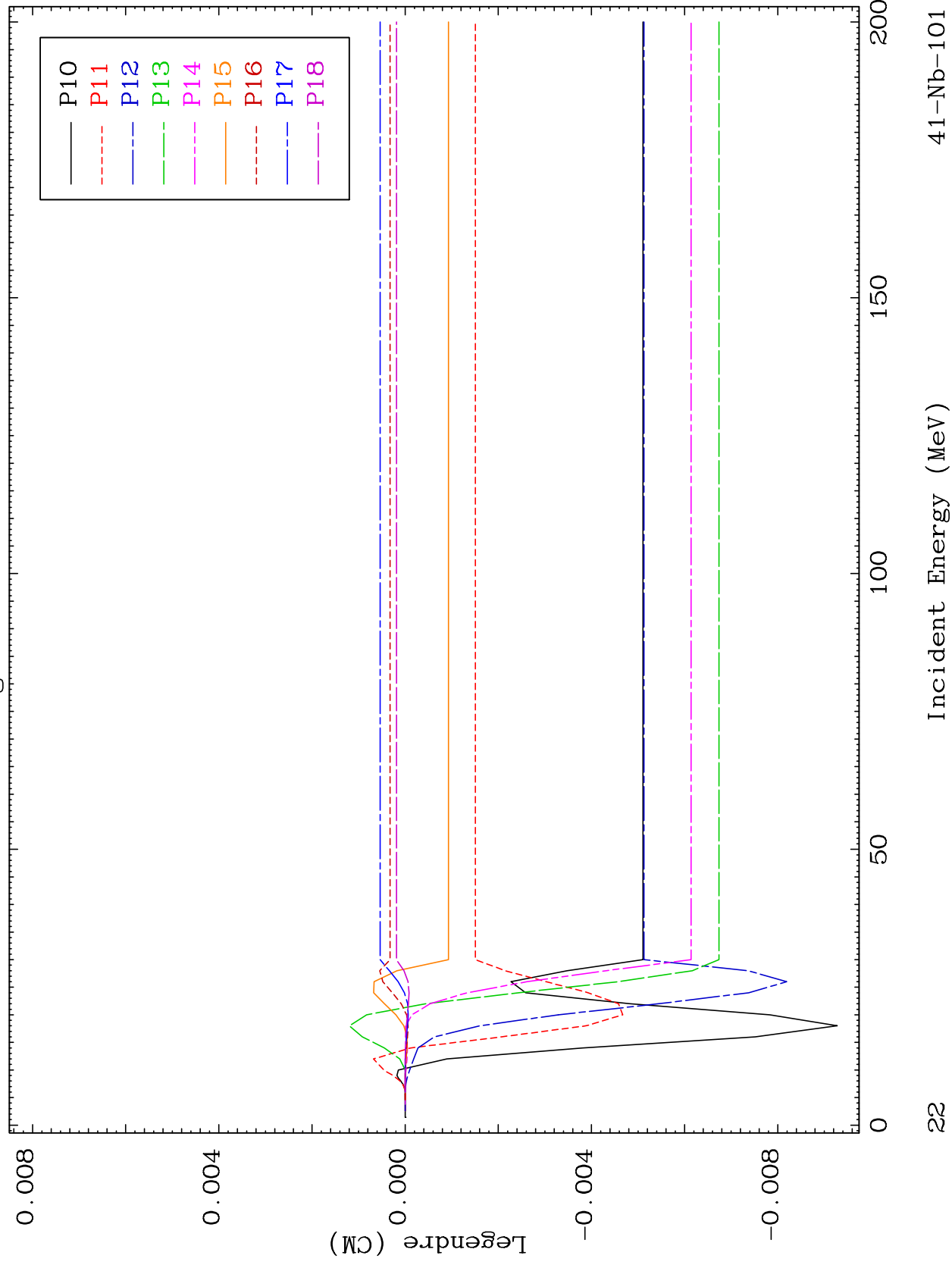
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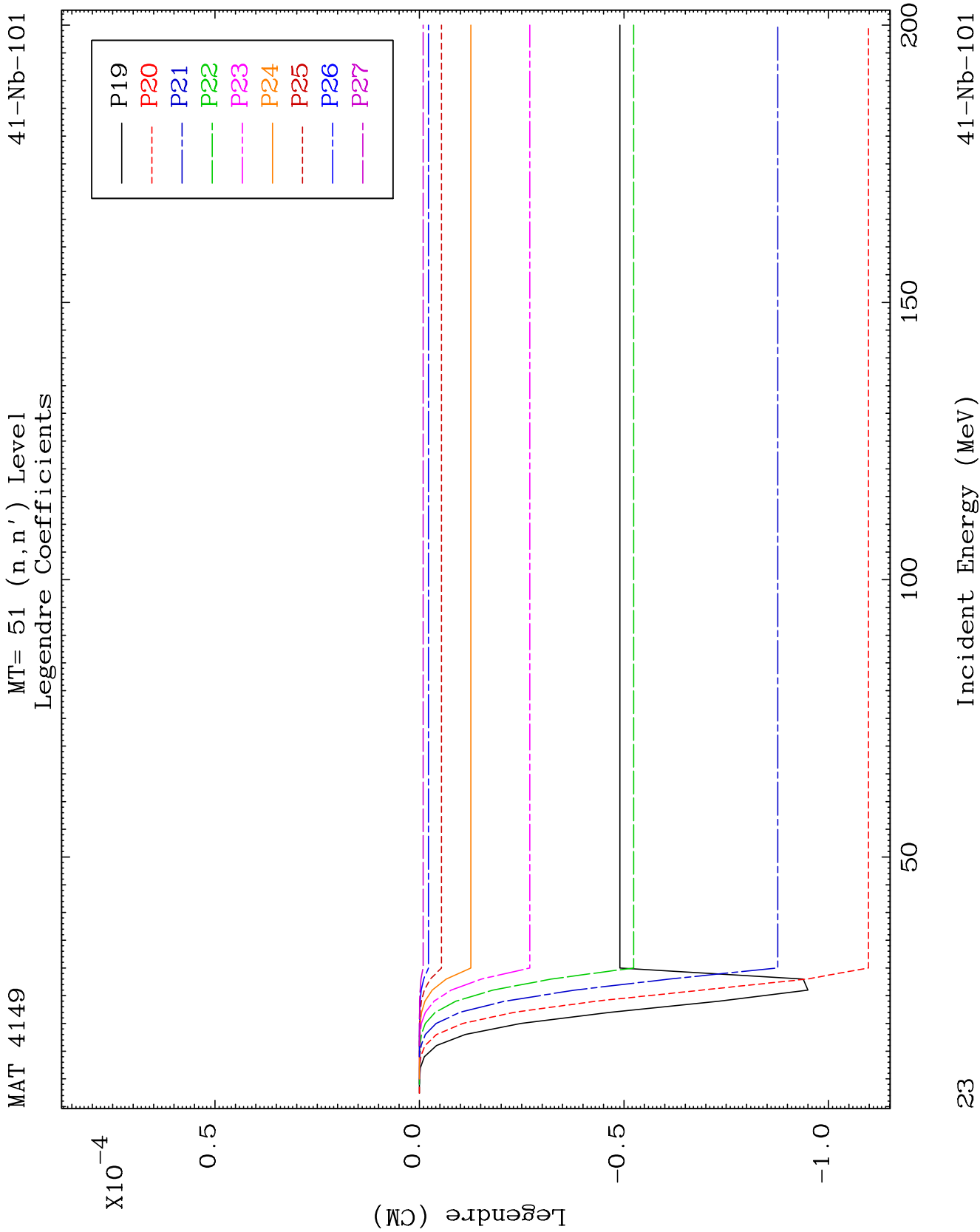


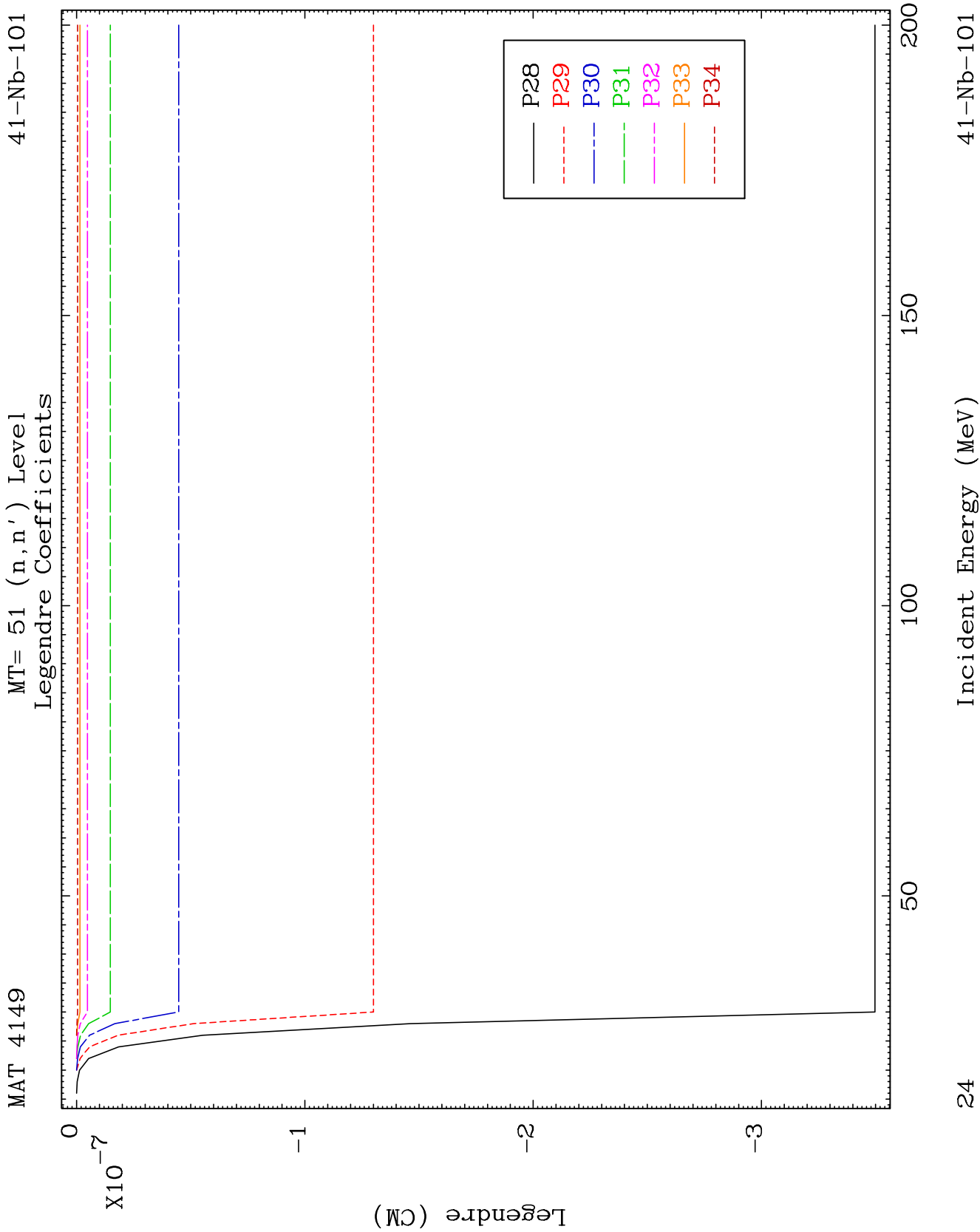
MAT 4149

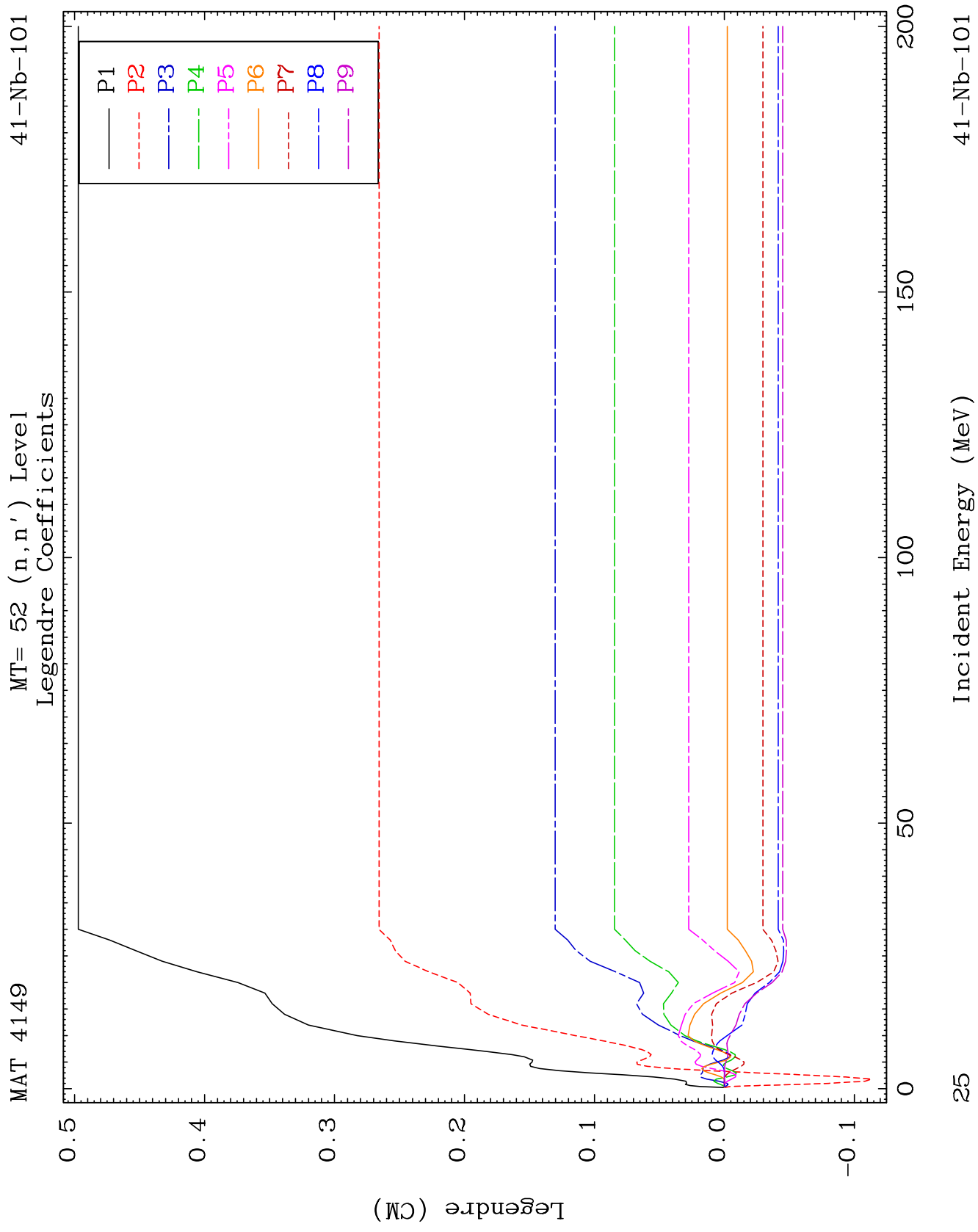
MT= 51 (n, n') Level
Legendre Coefficients

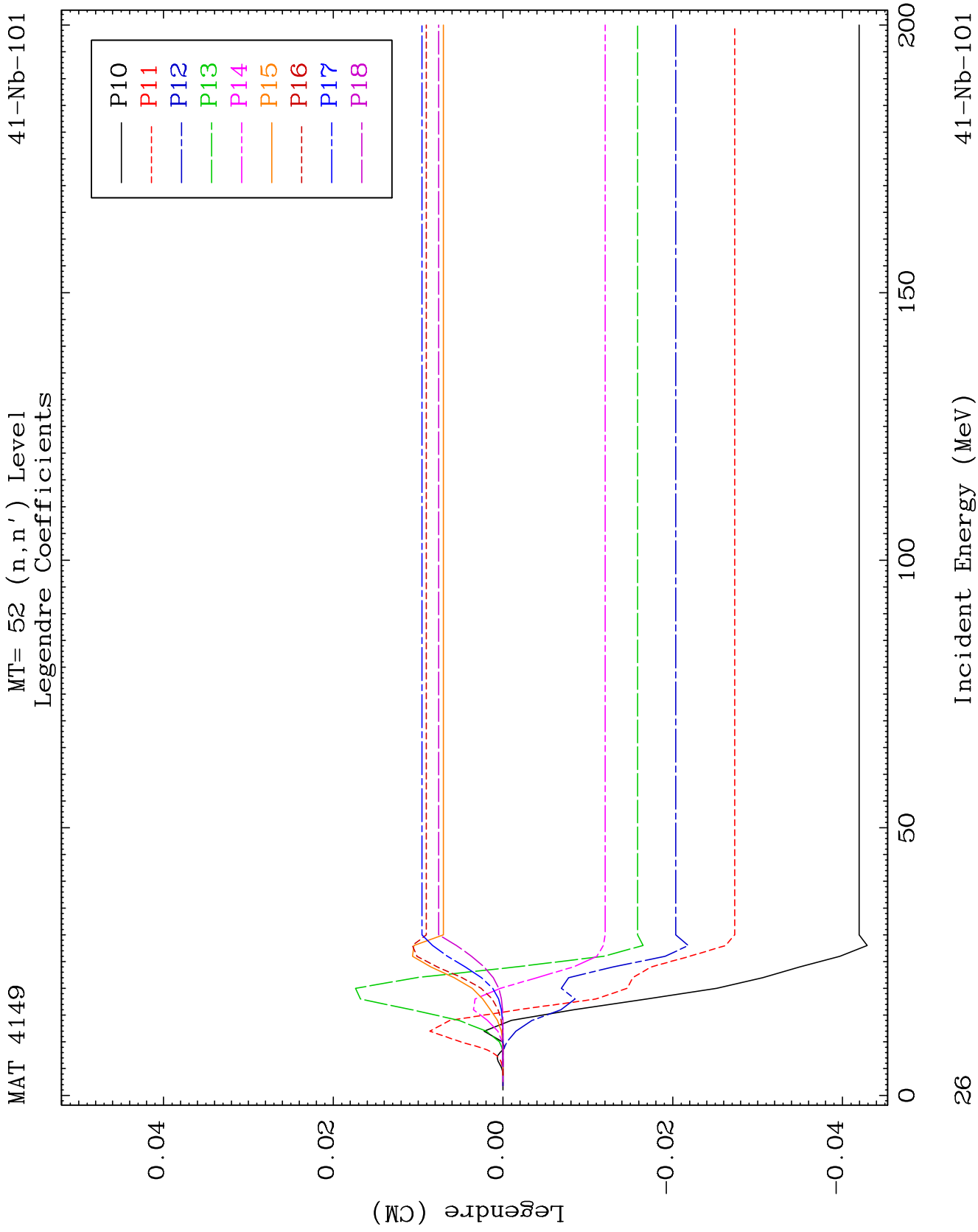
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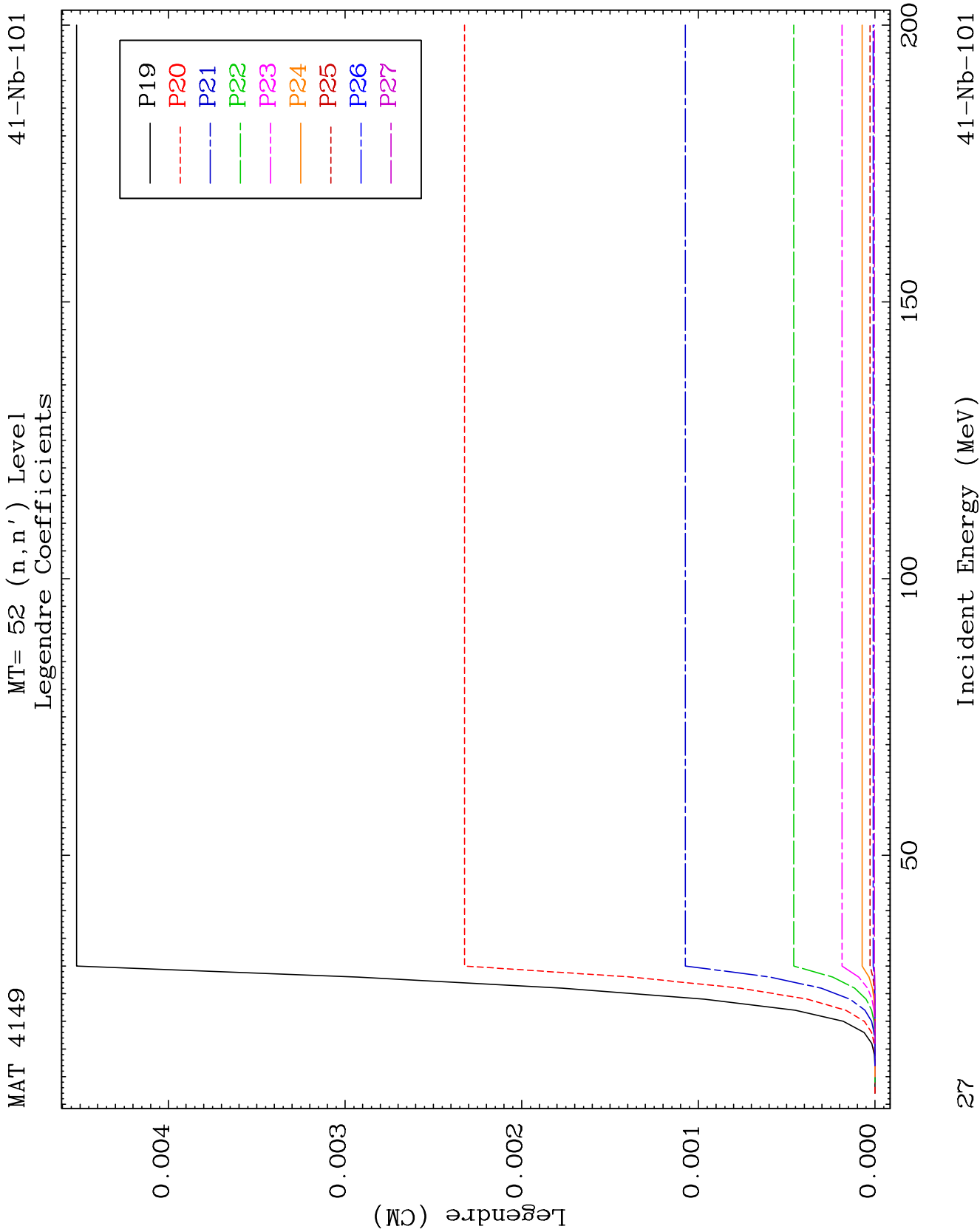








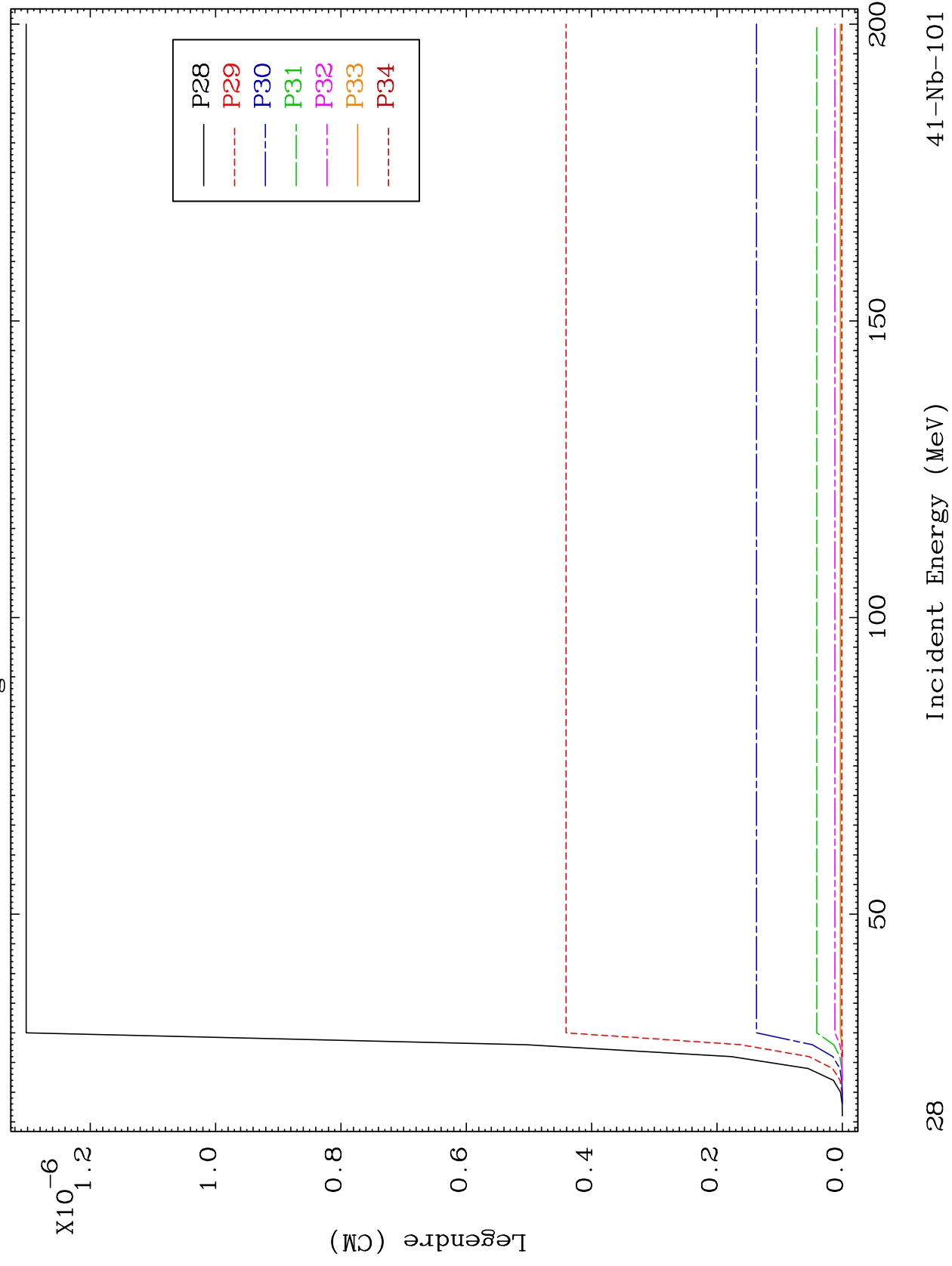




MAT 4149

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

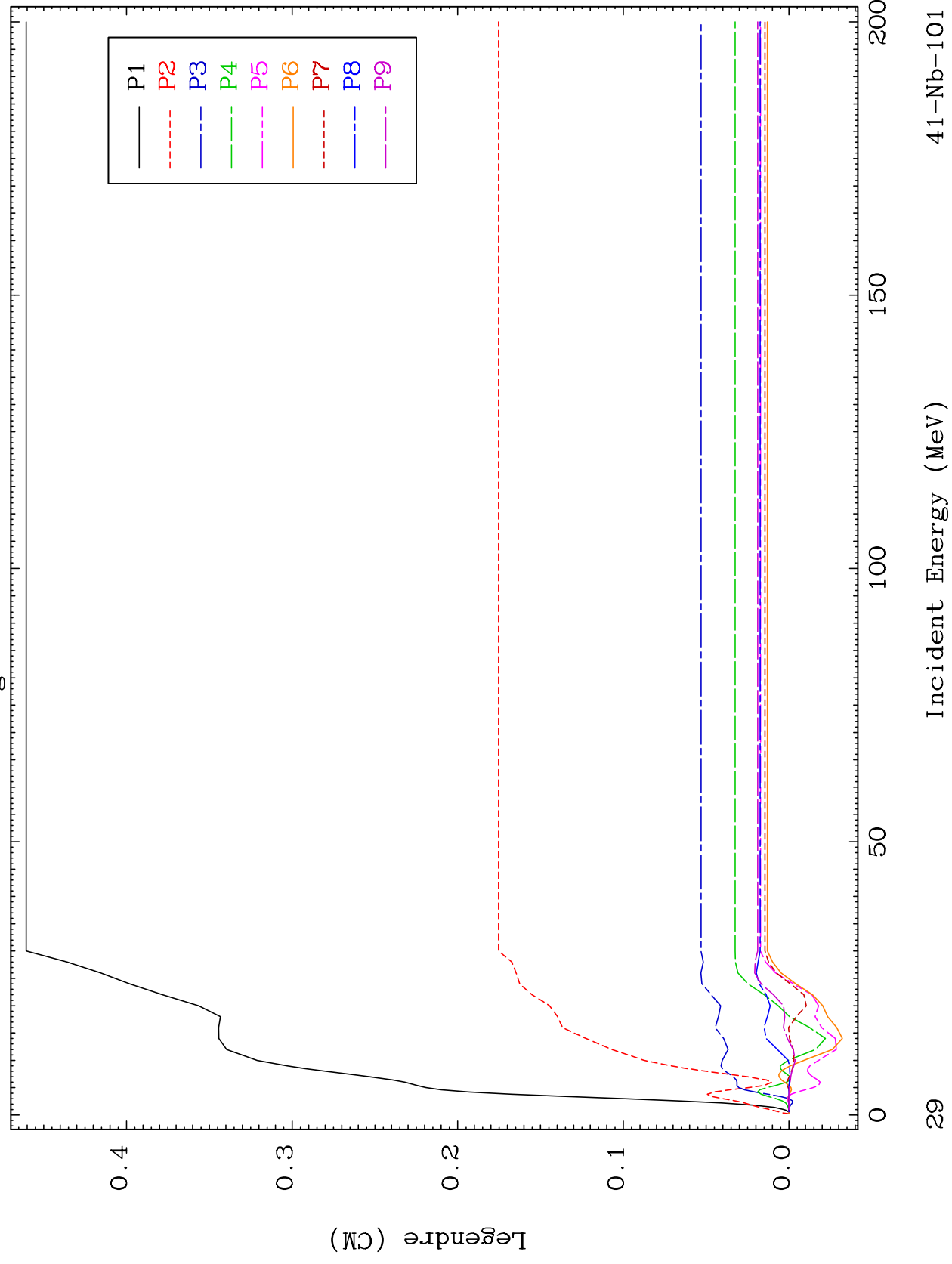
41-Nb-101



MAT 4149

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

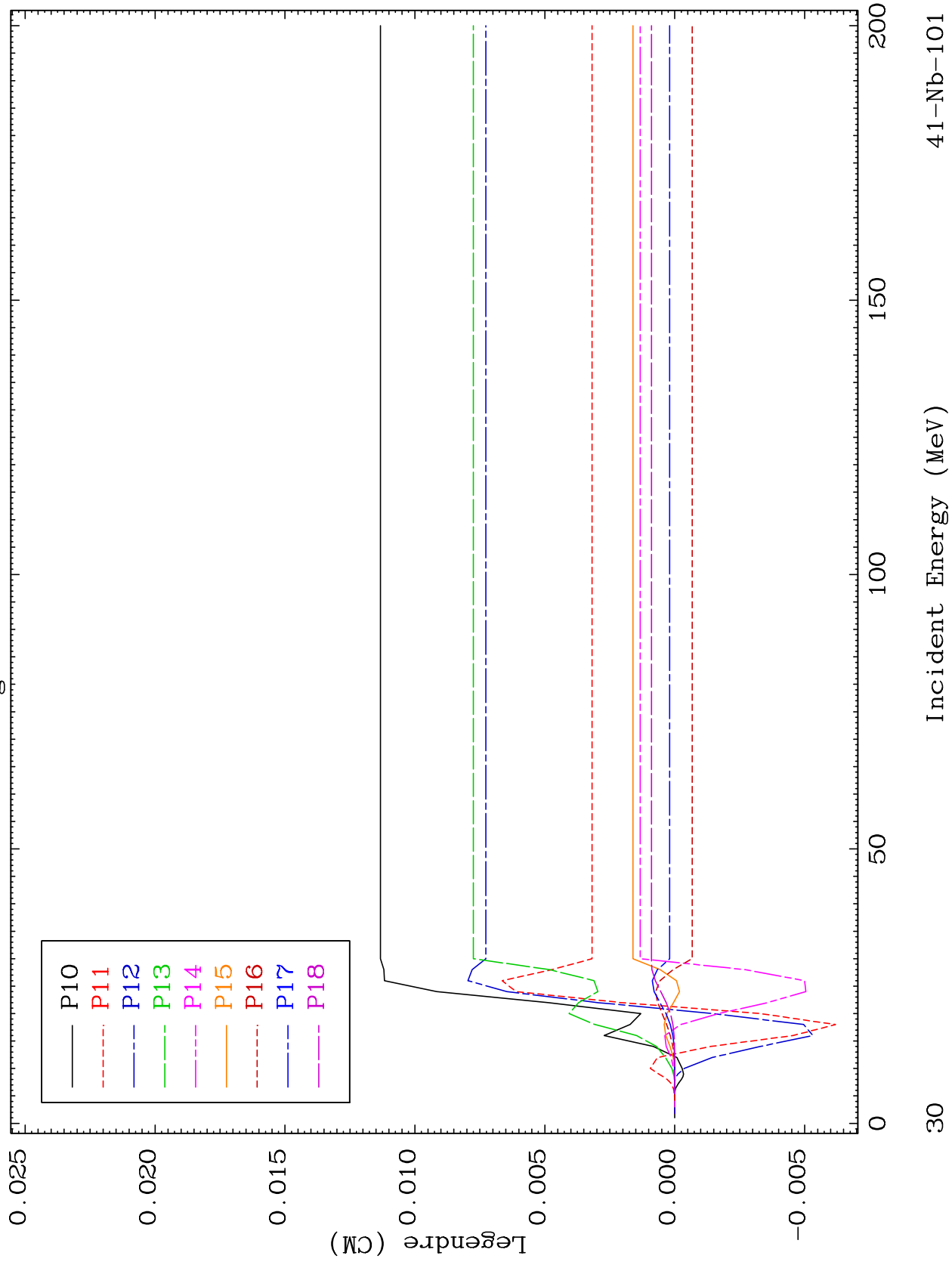
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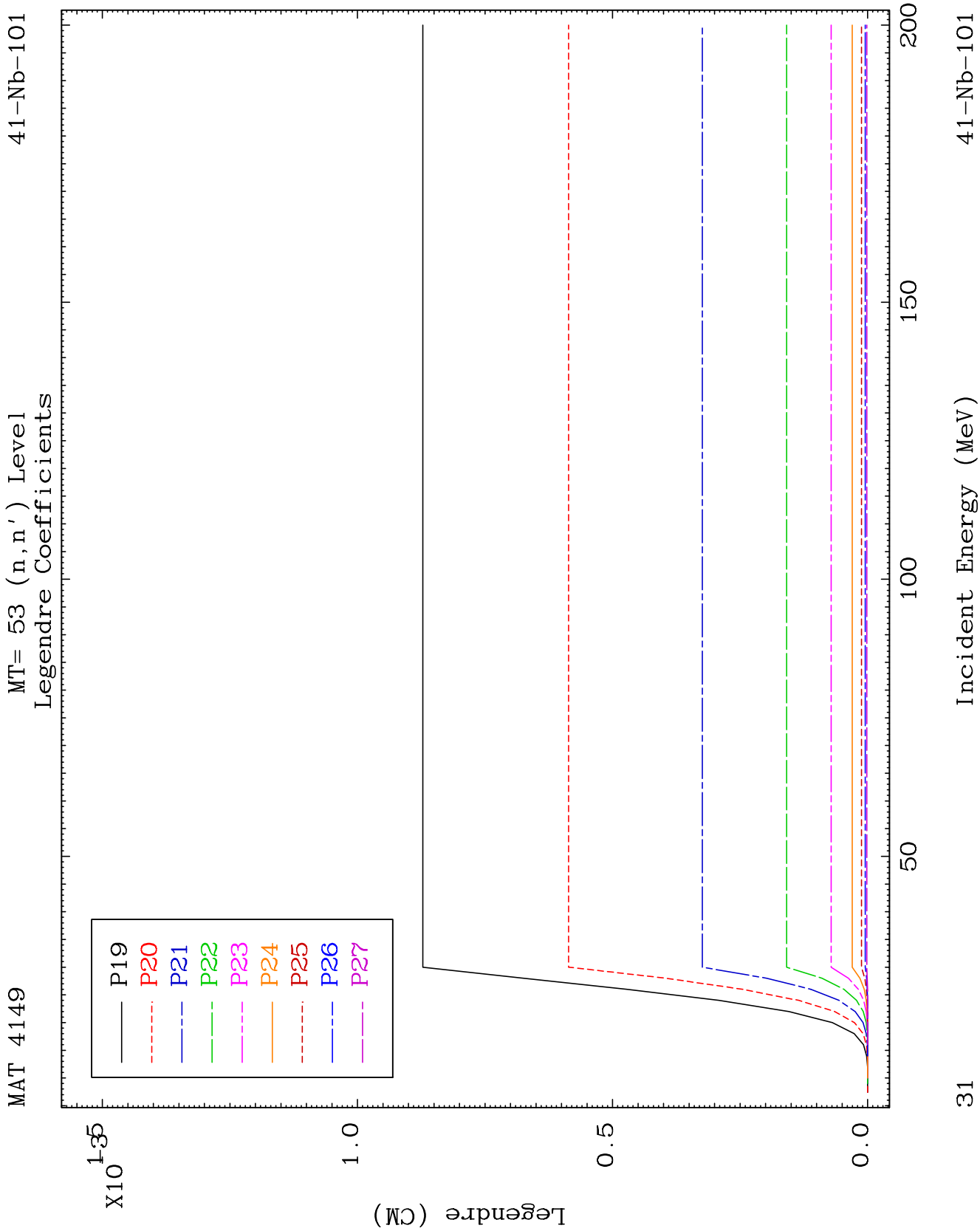


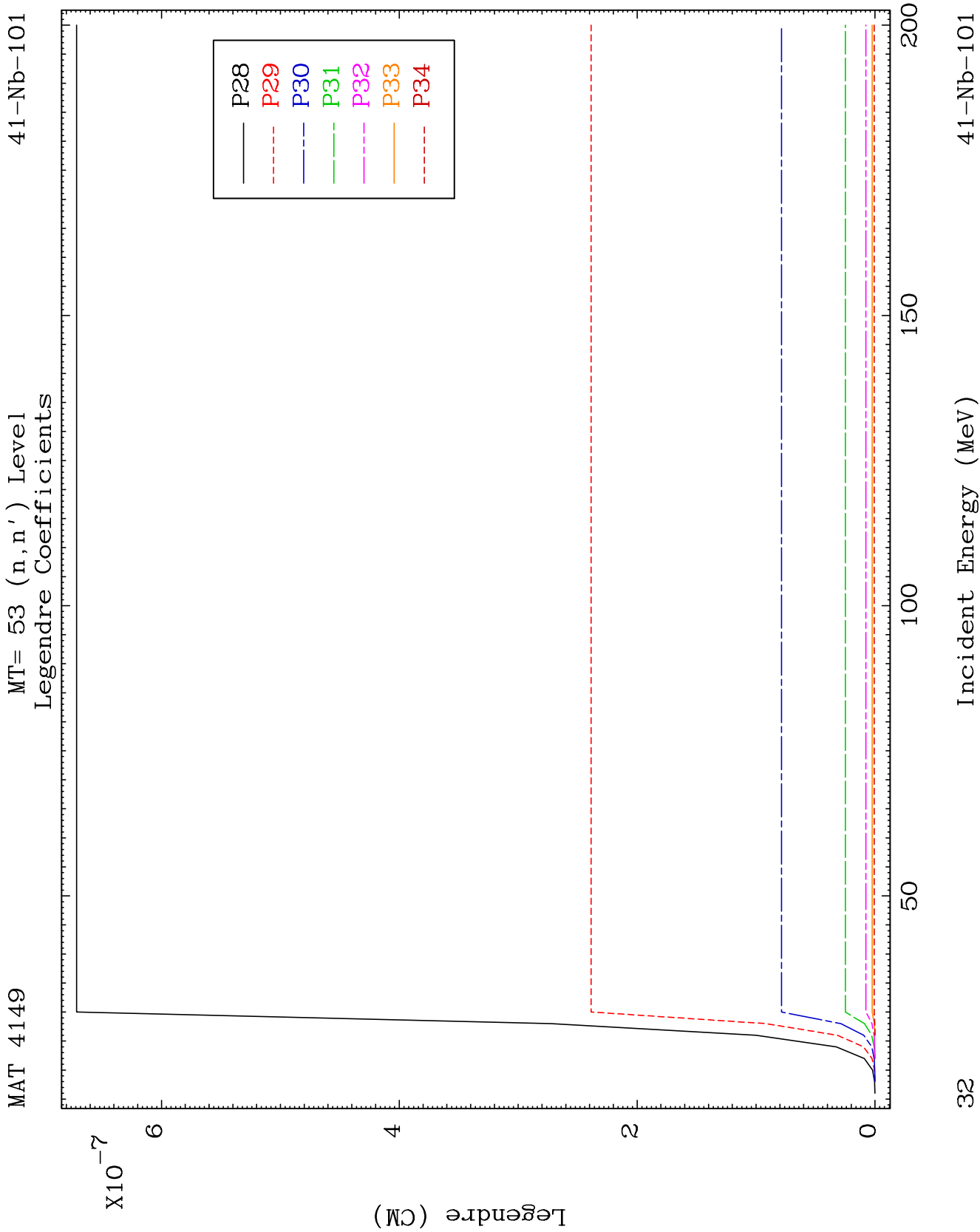
MAT 4149

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

41-Nb-101



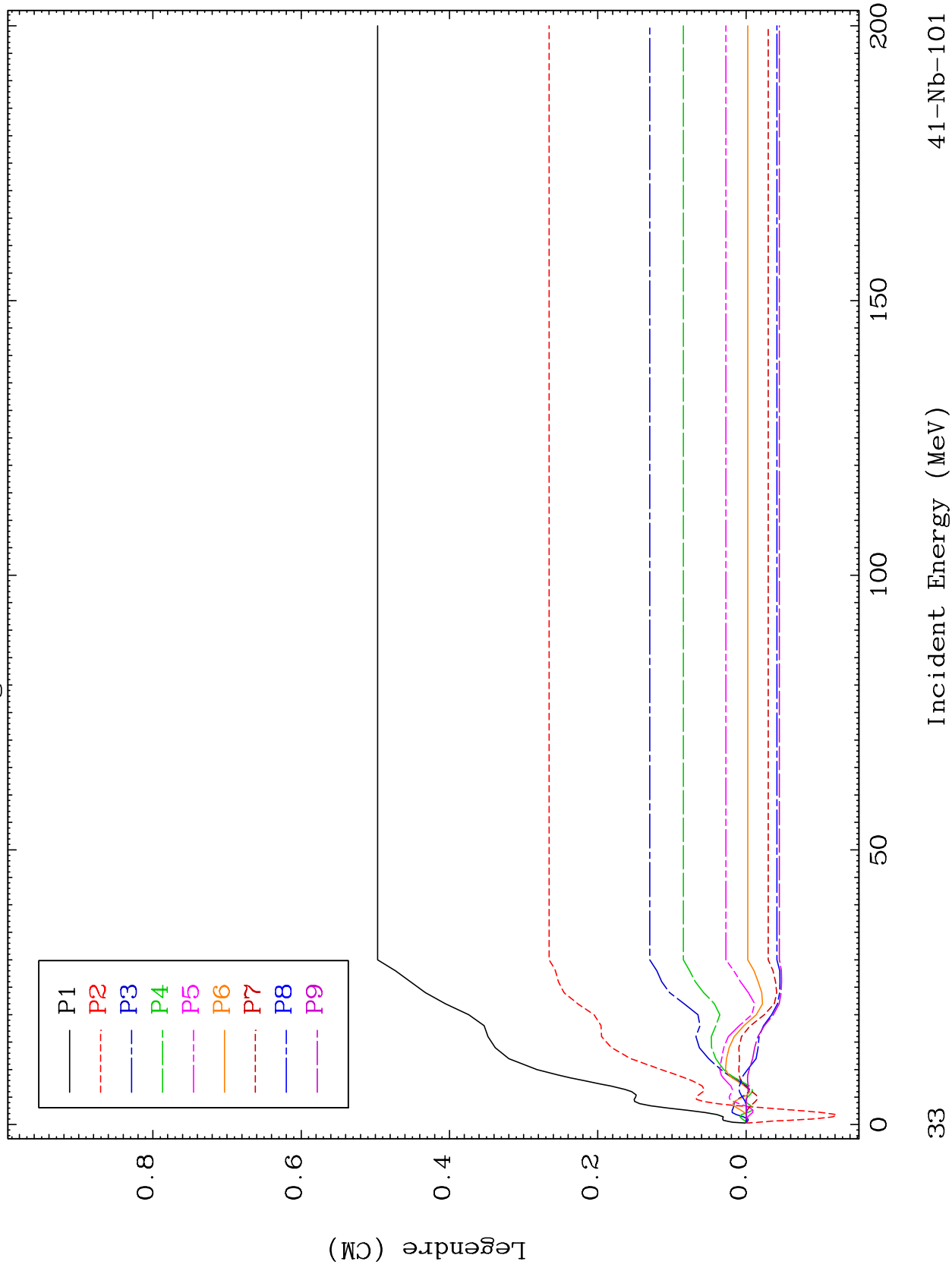


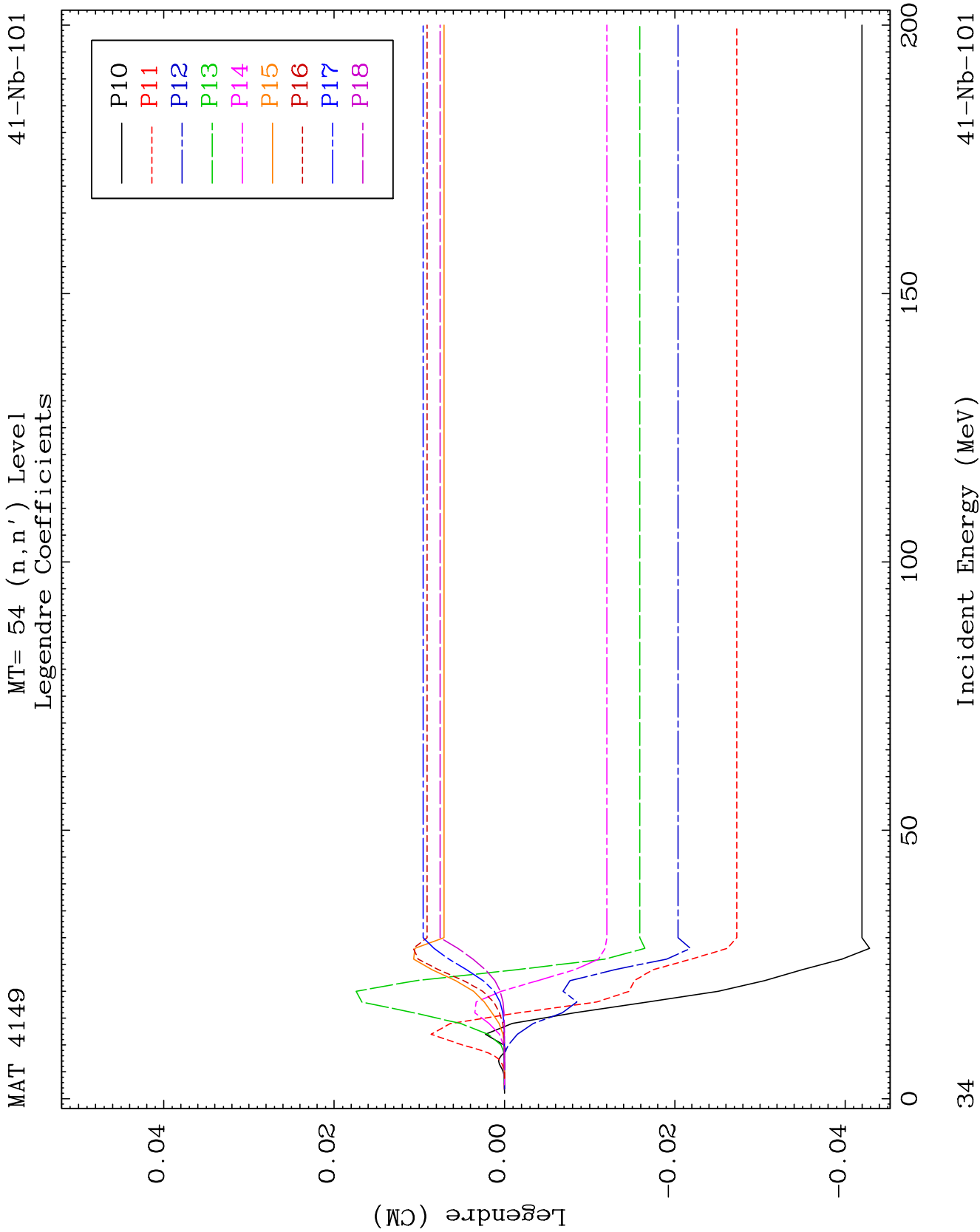


MAT 4149

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

41-Nb-101

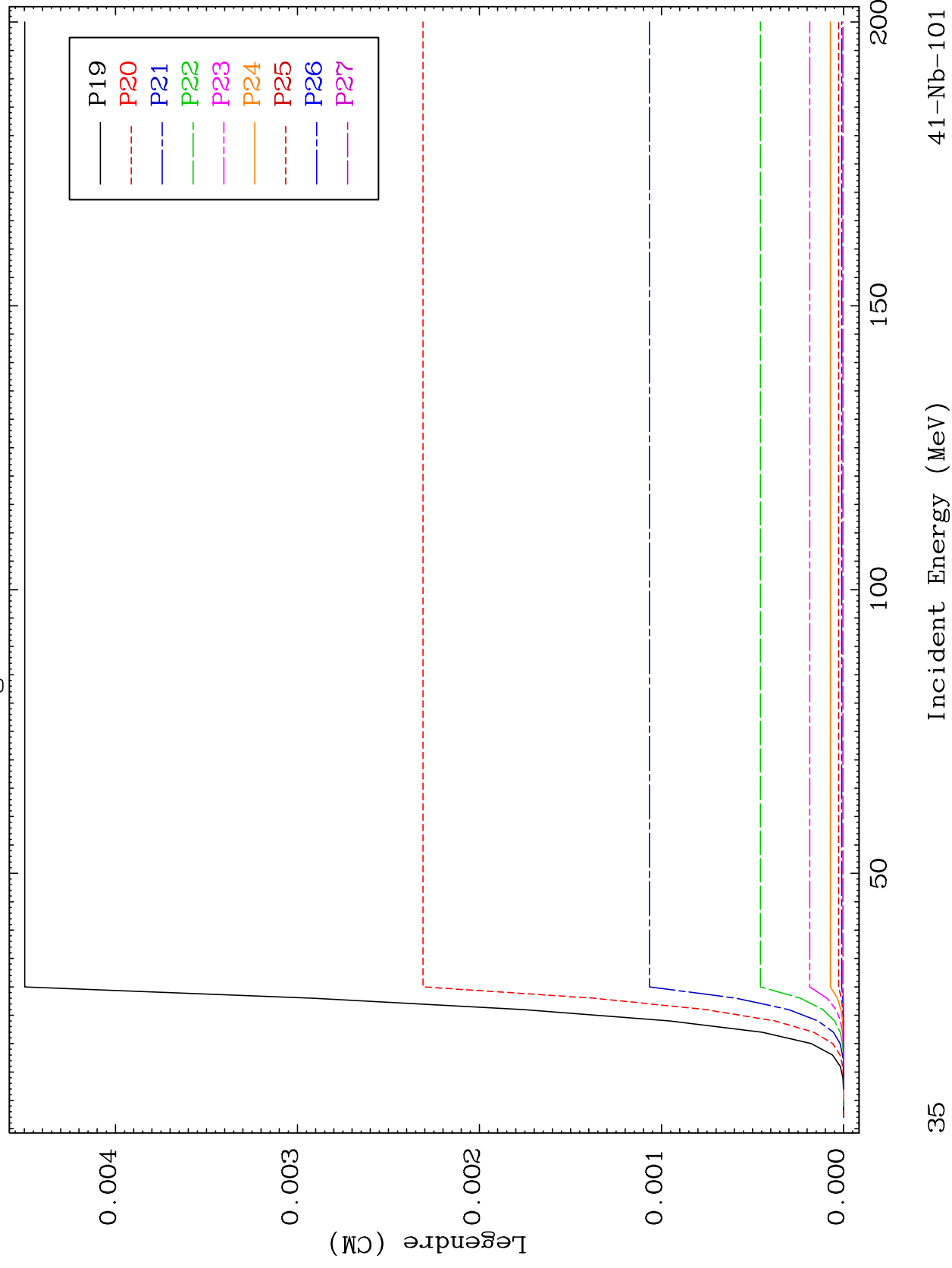


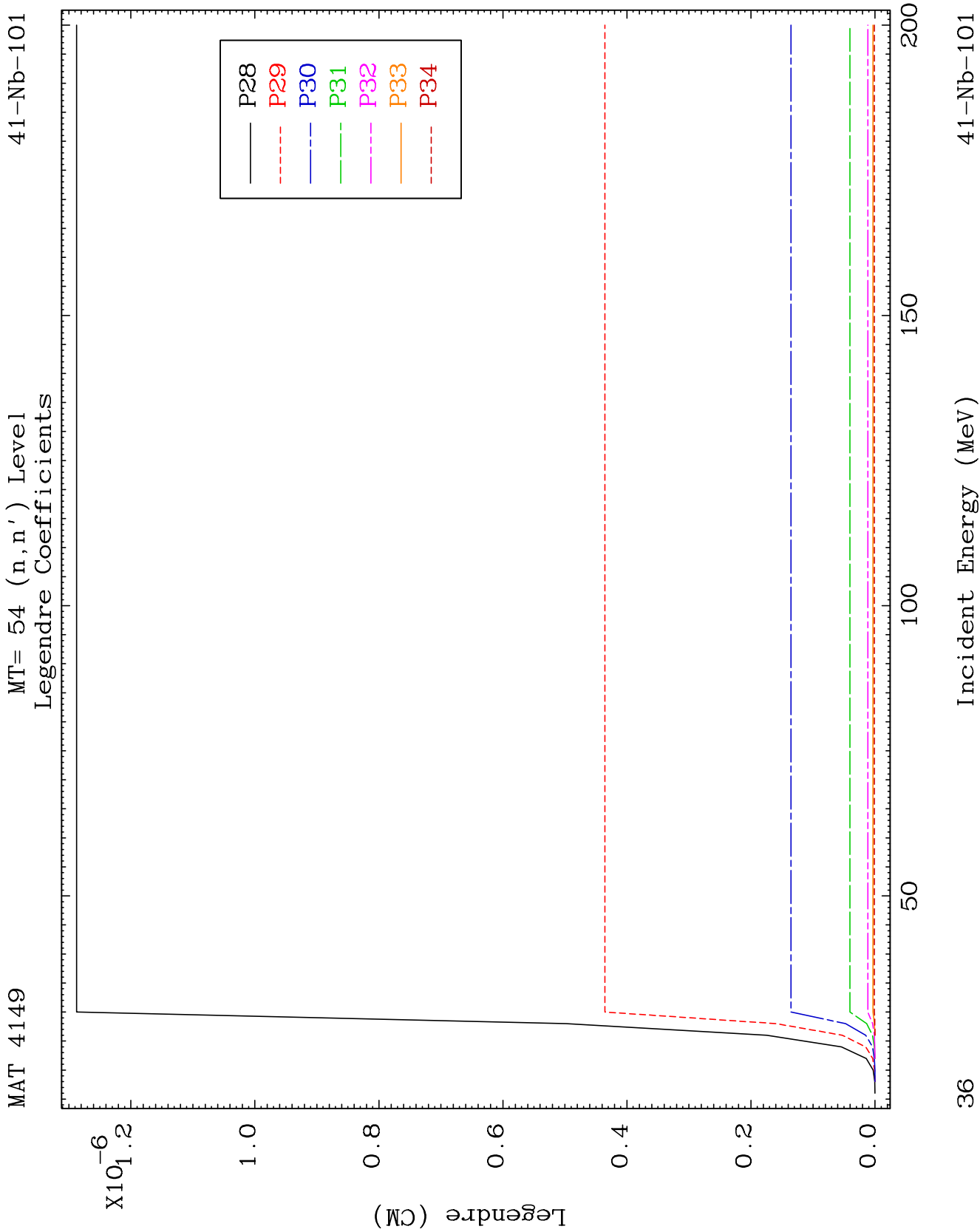


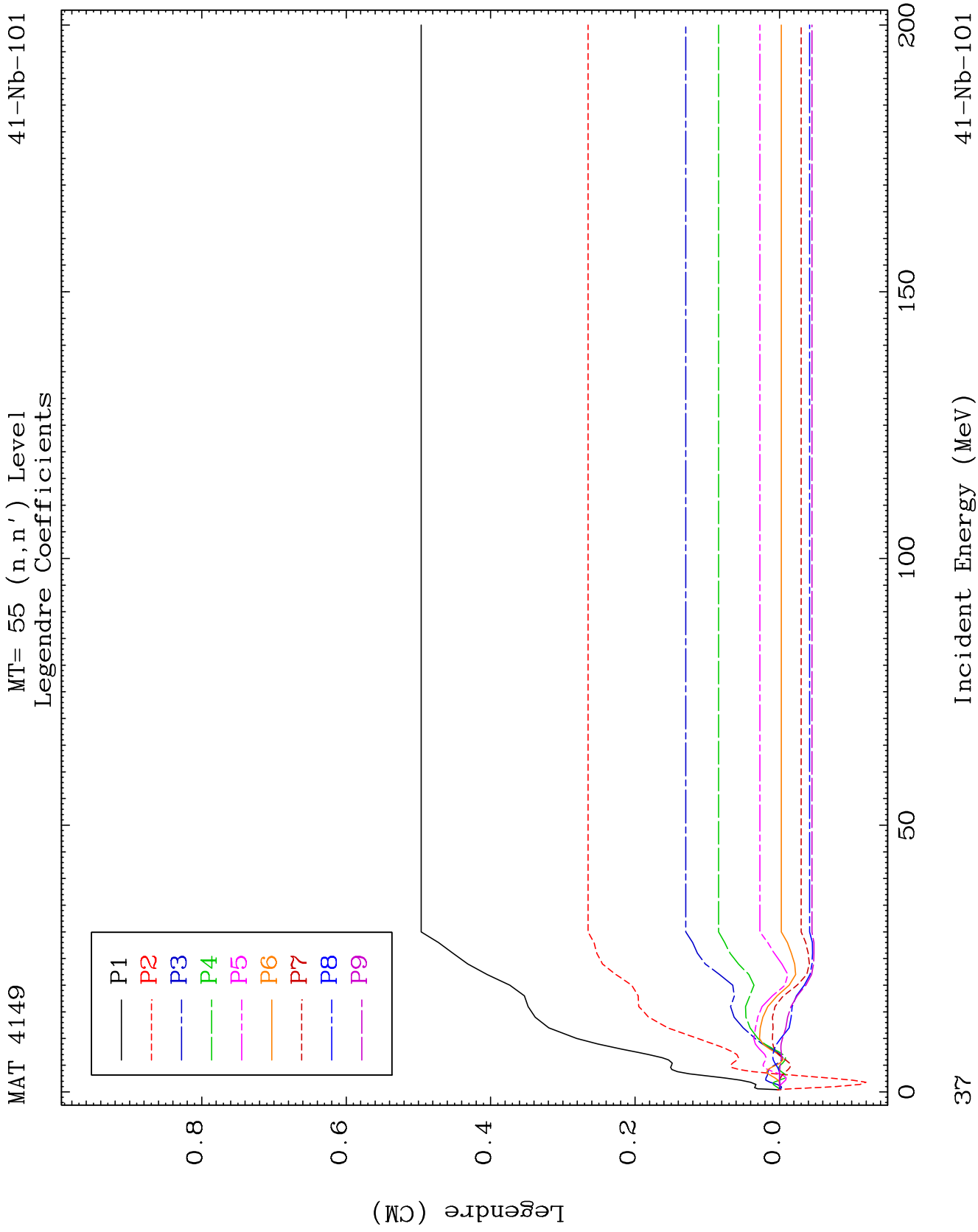
MAT 4149

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

41-Nb-101



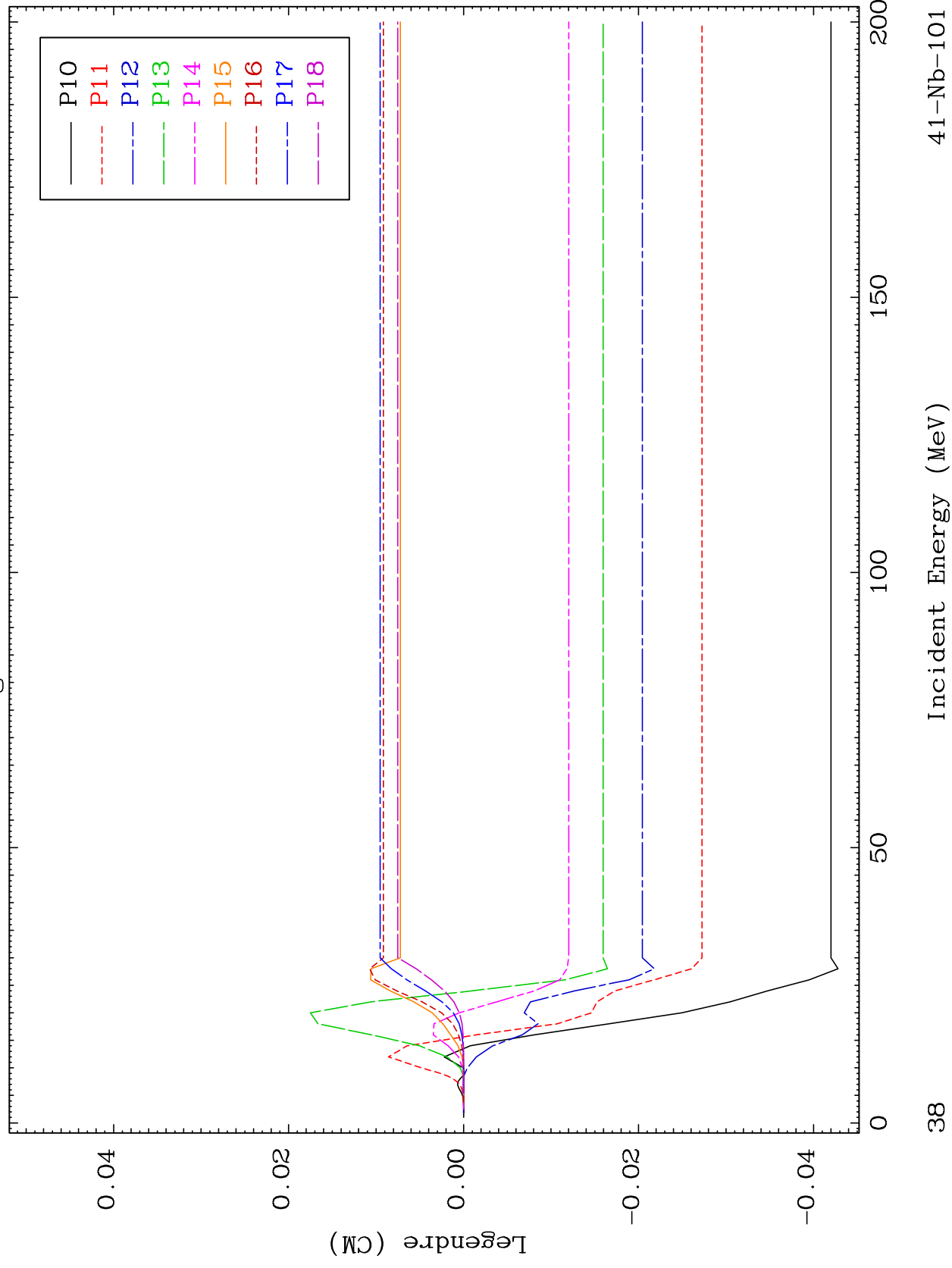


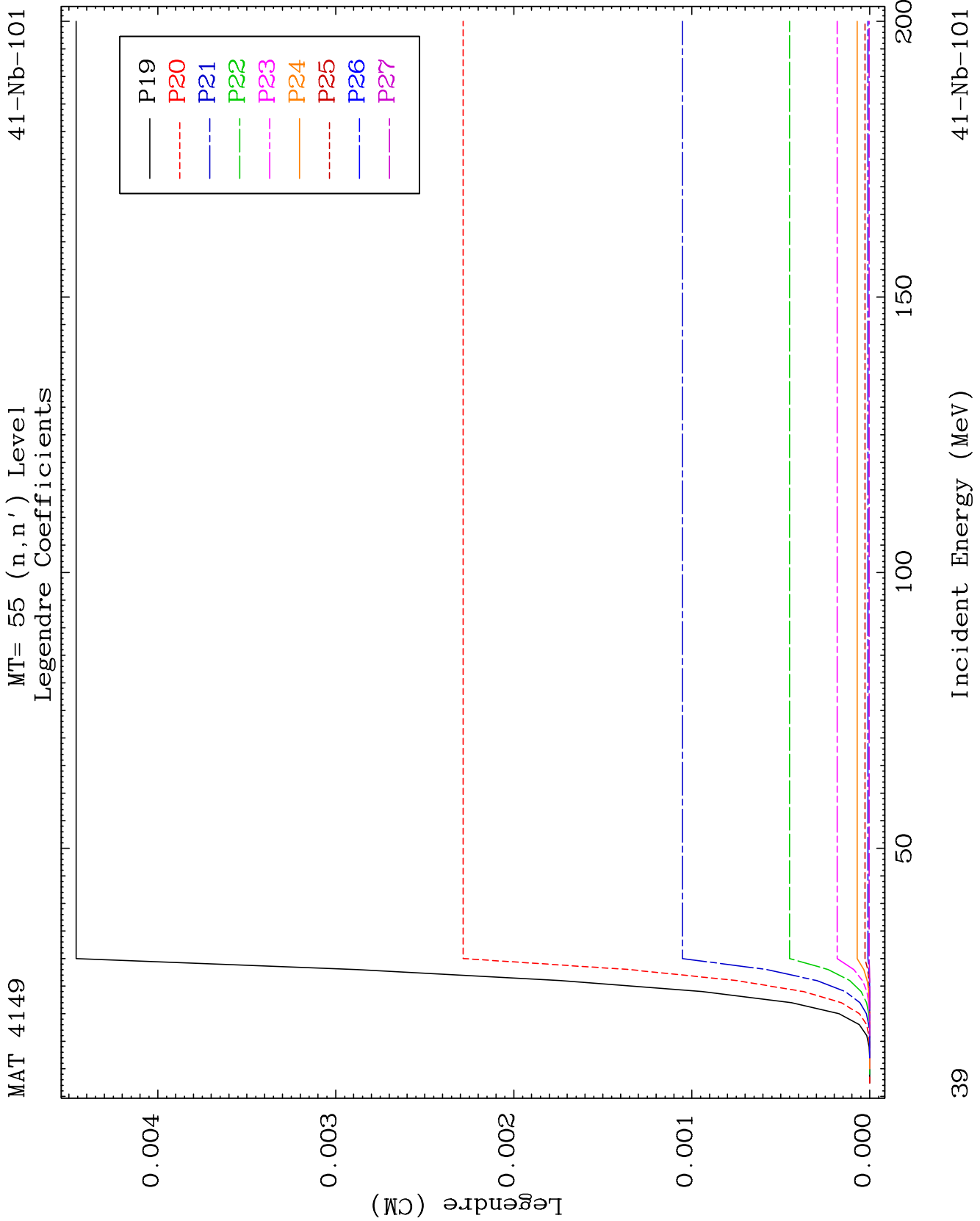


MAT 4149

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

41-Nb-101

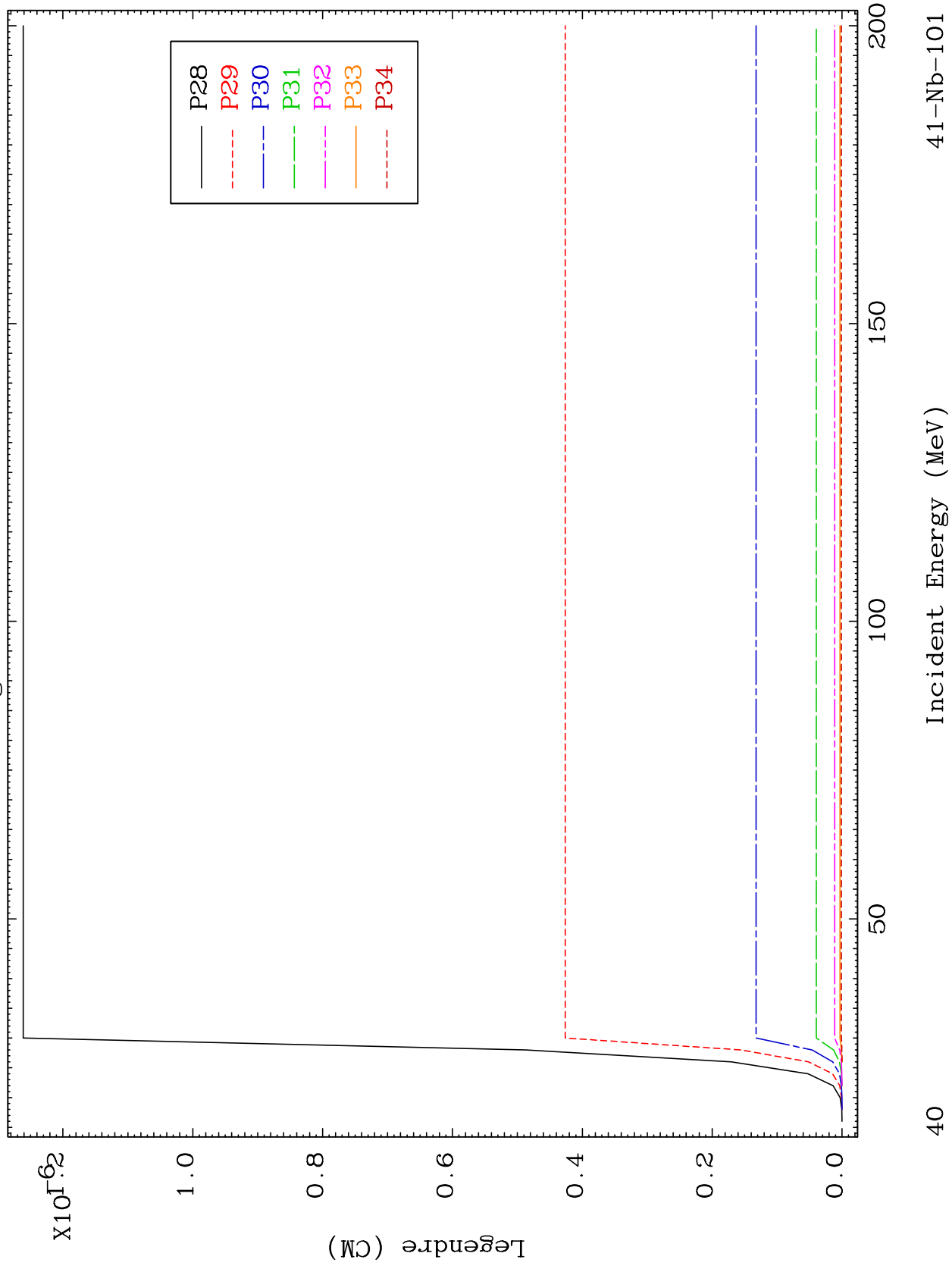


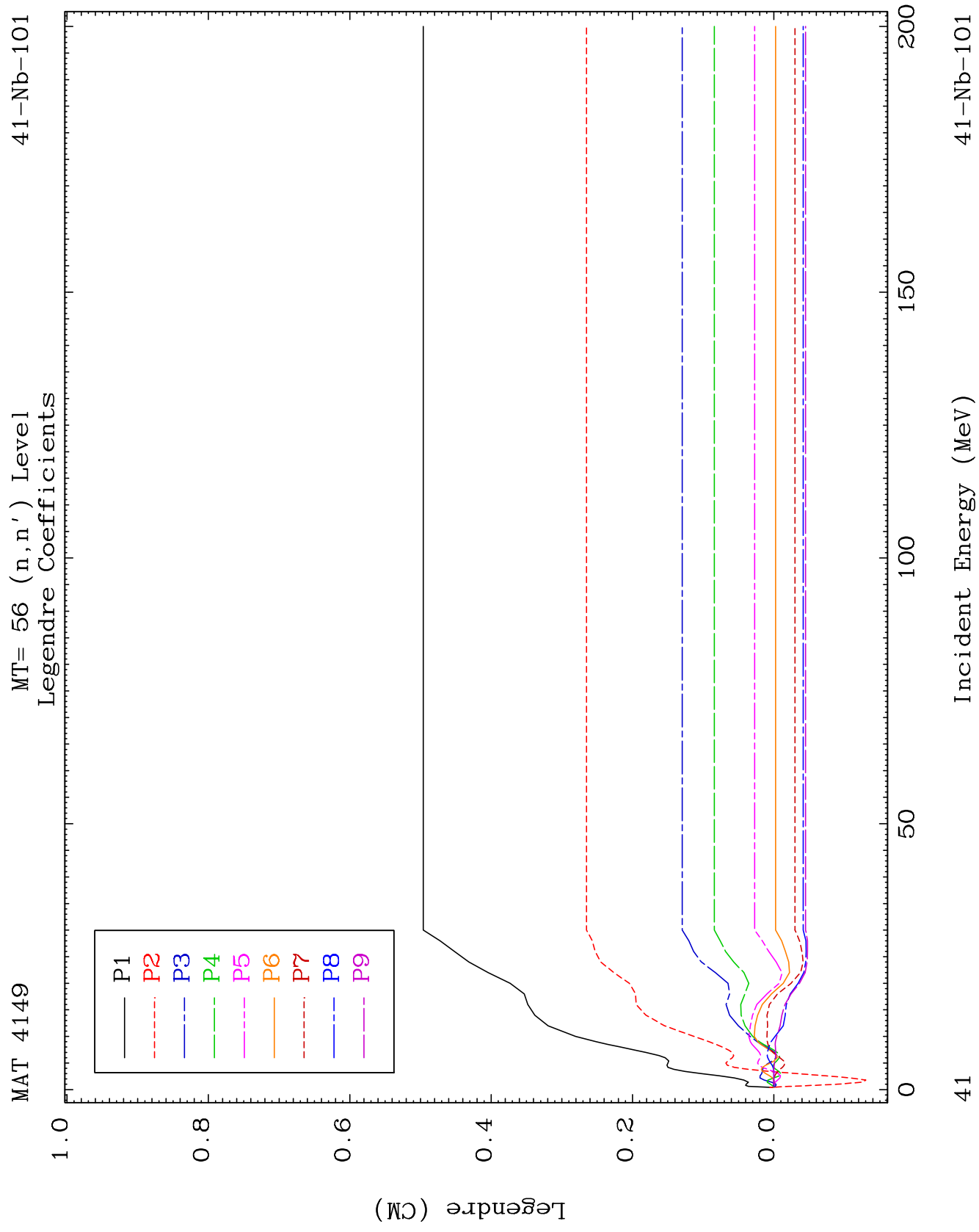


MAT 4149

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

41-Nb-101

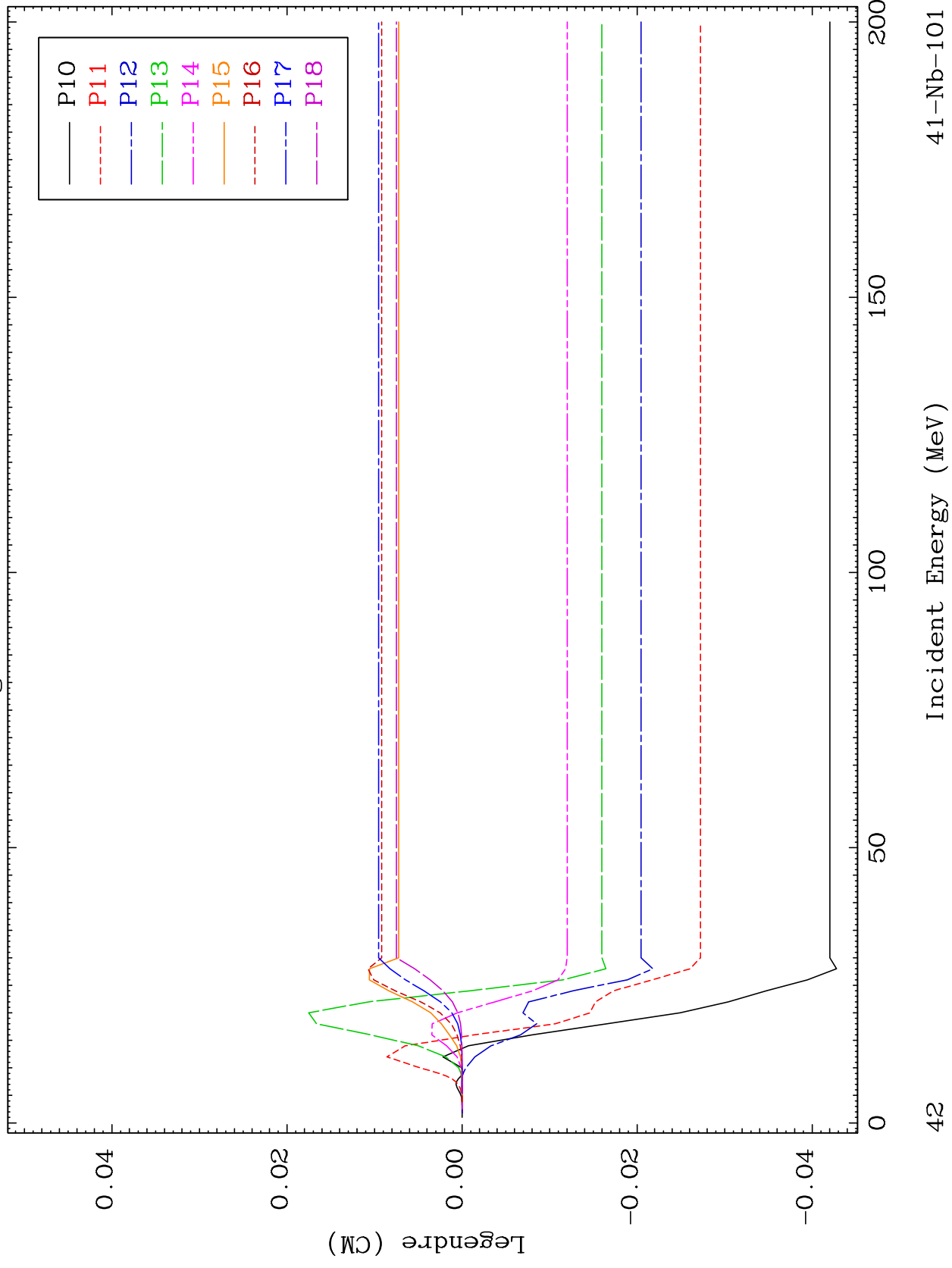


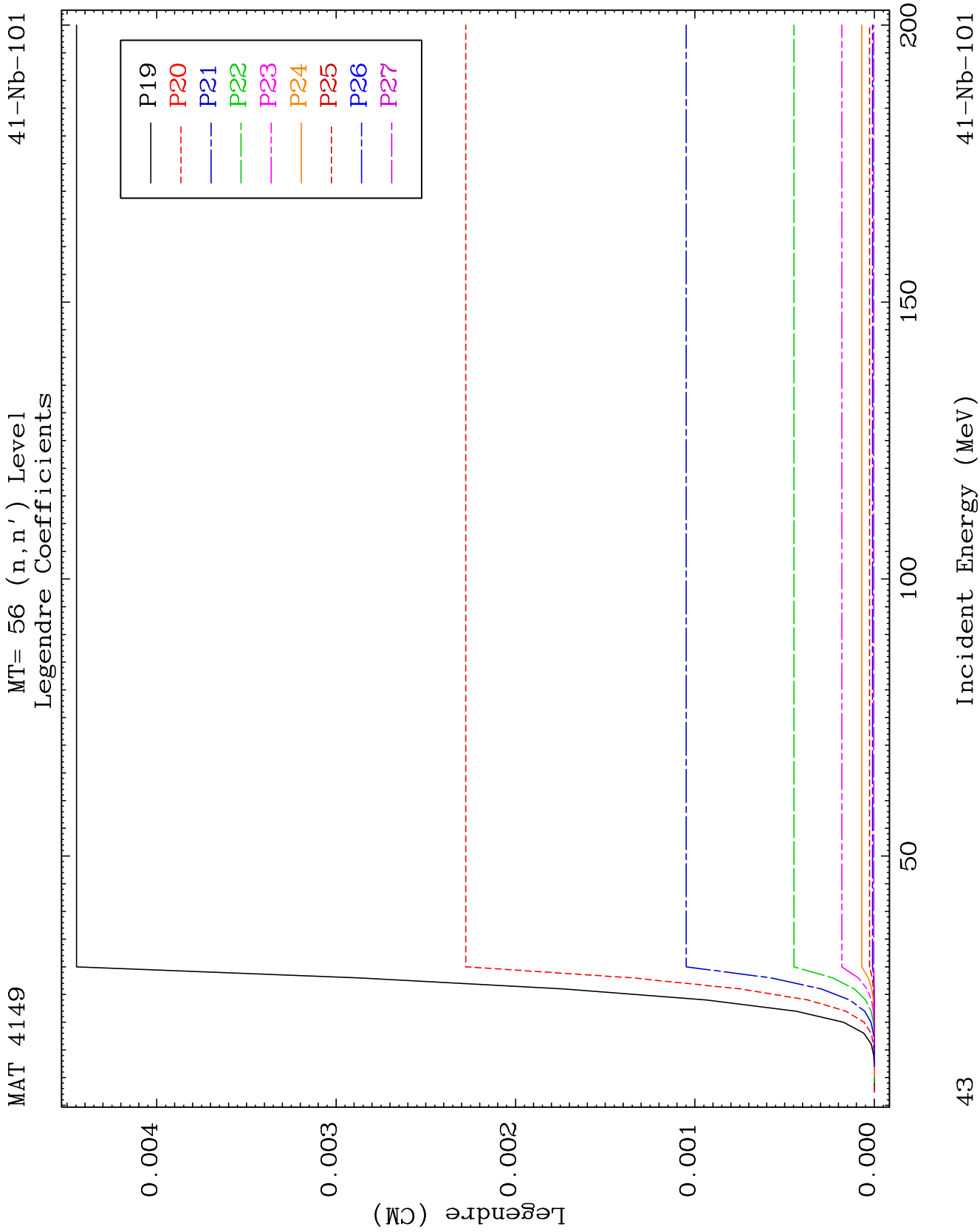


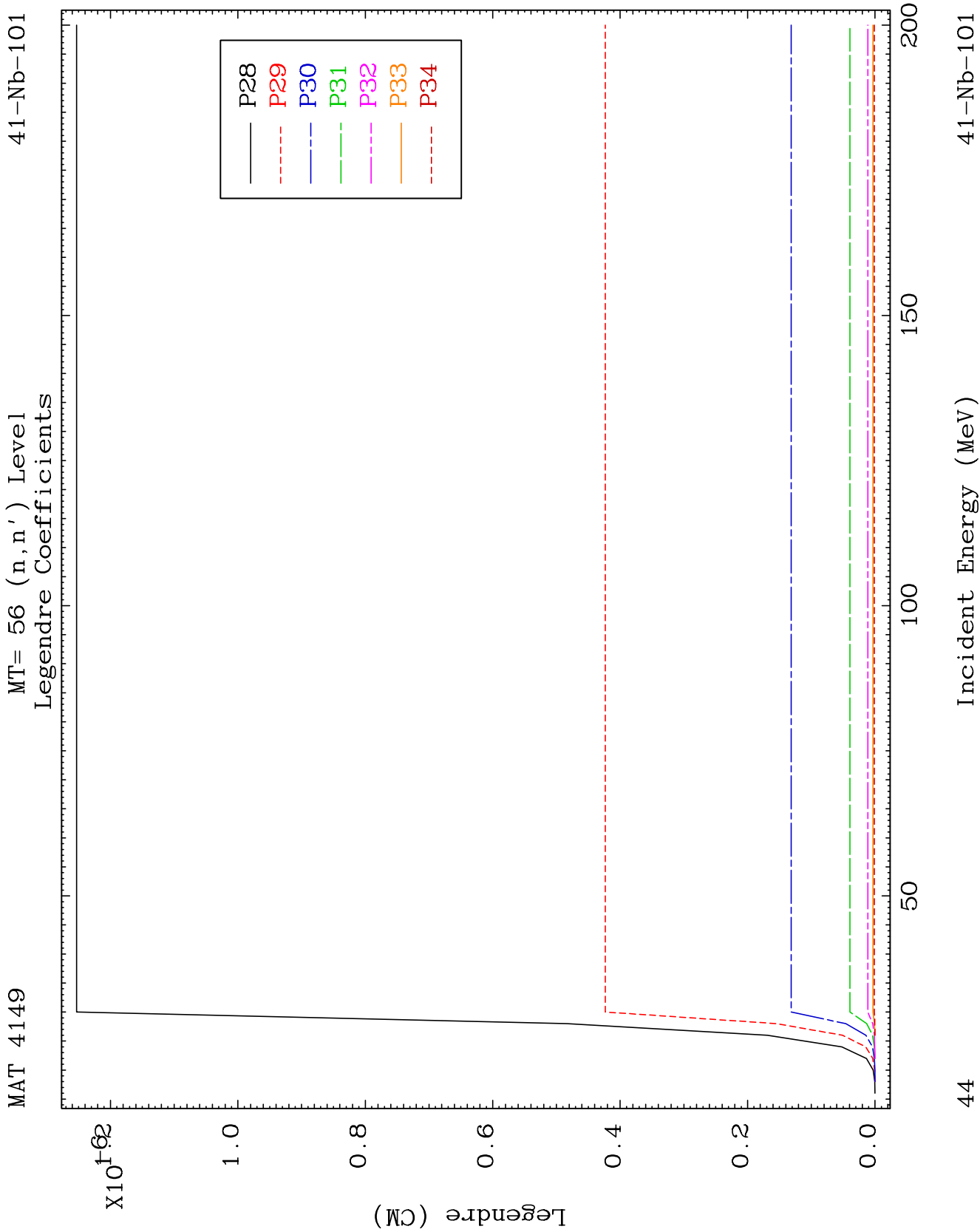
MAT 4149

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

41-Nb-101



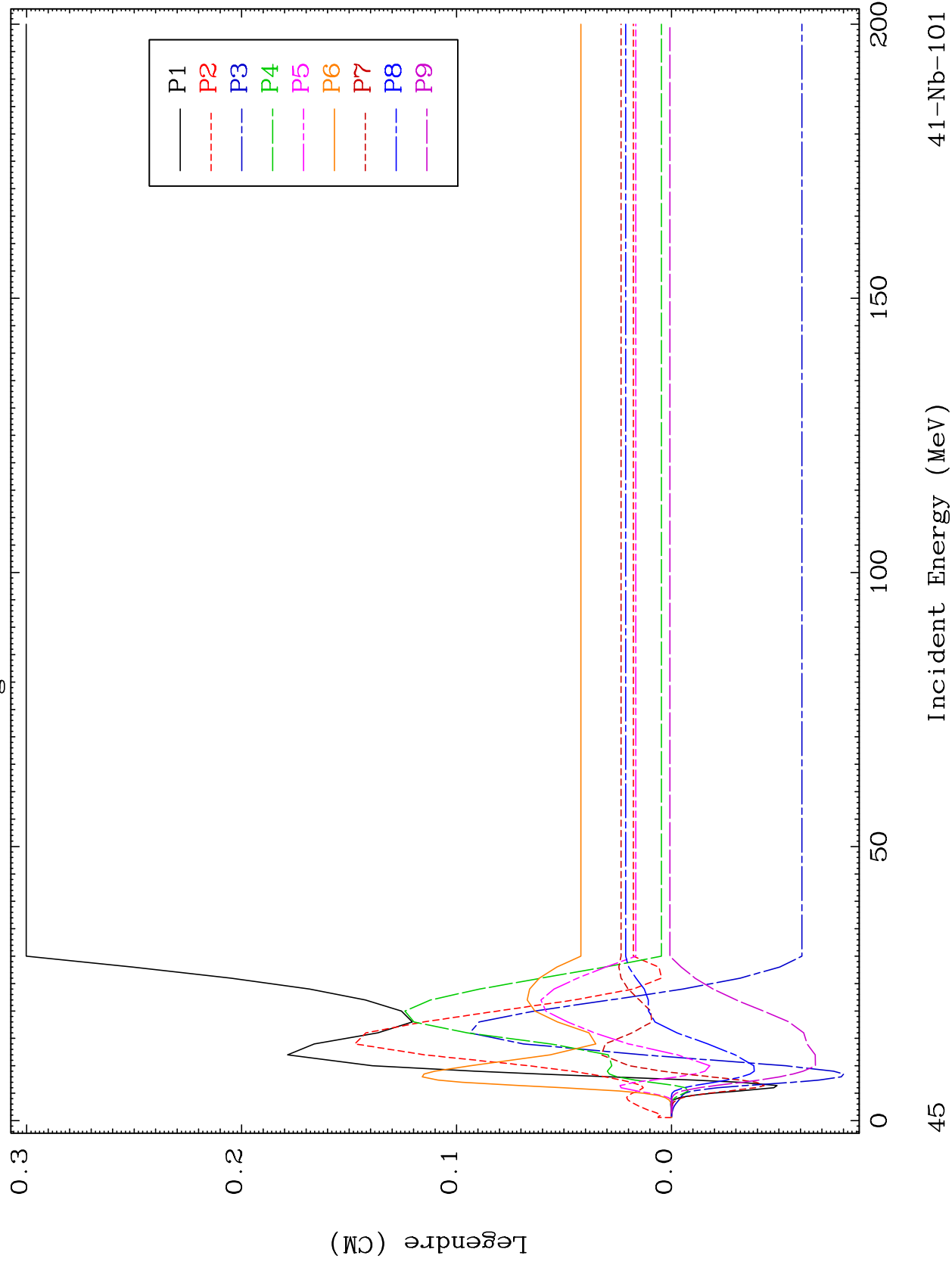


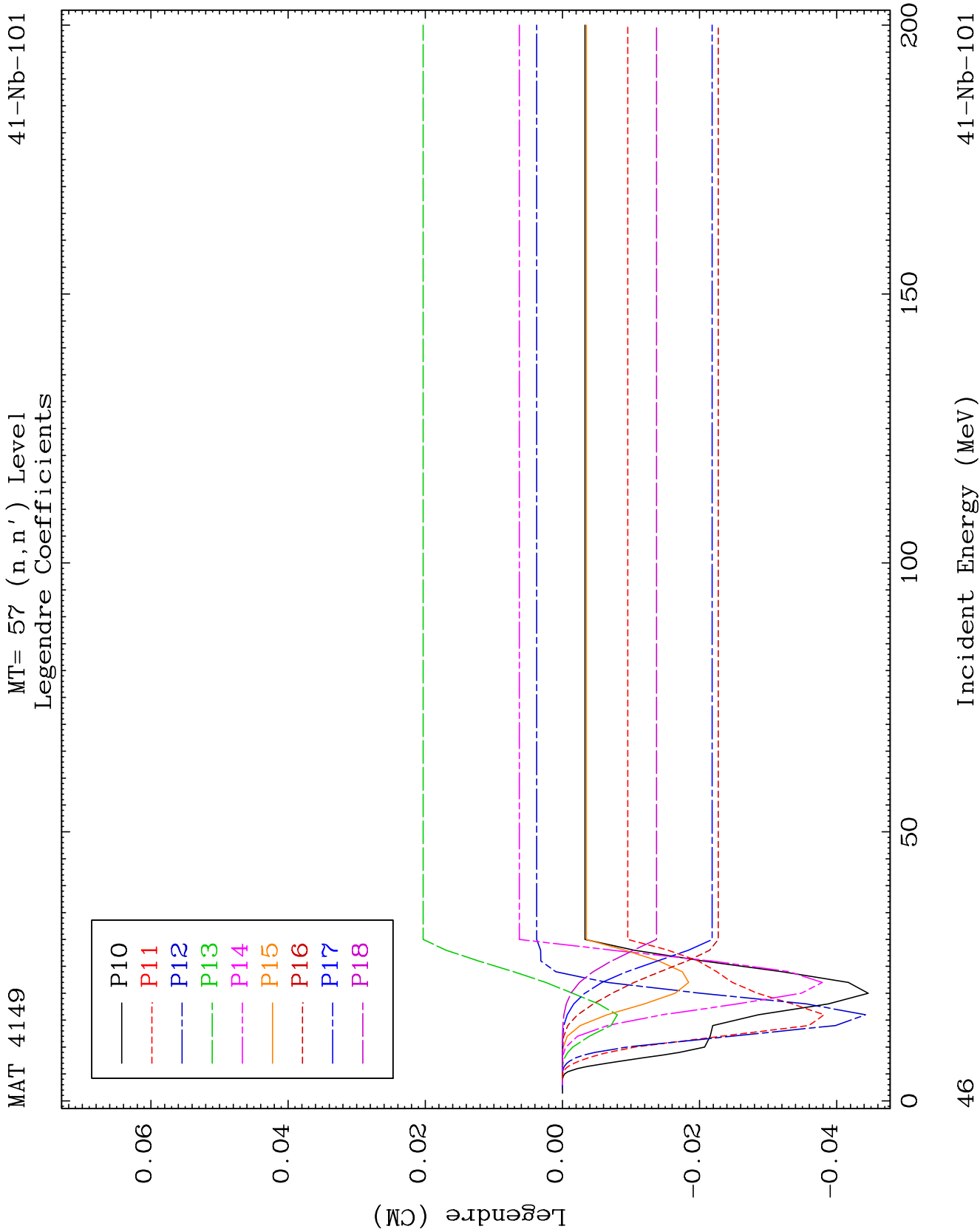


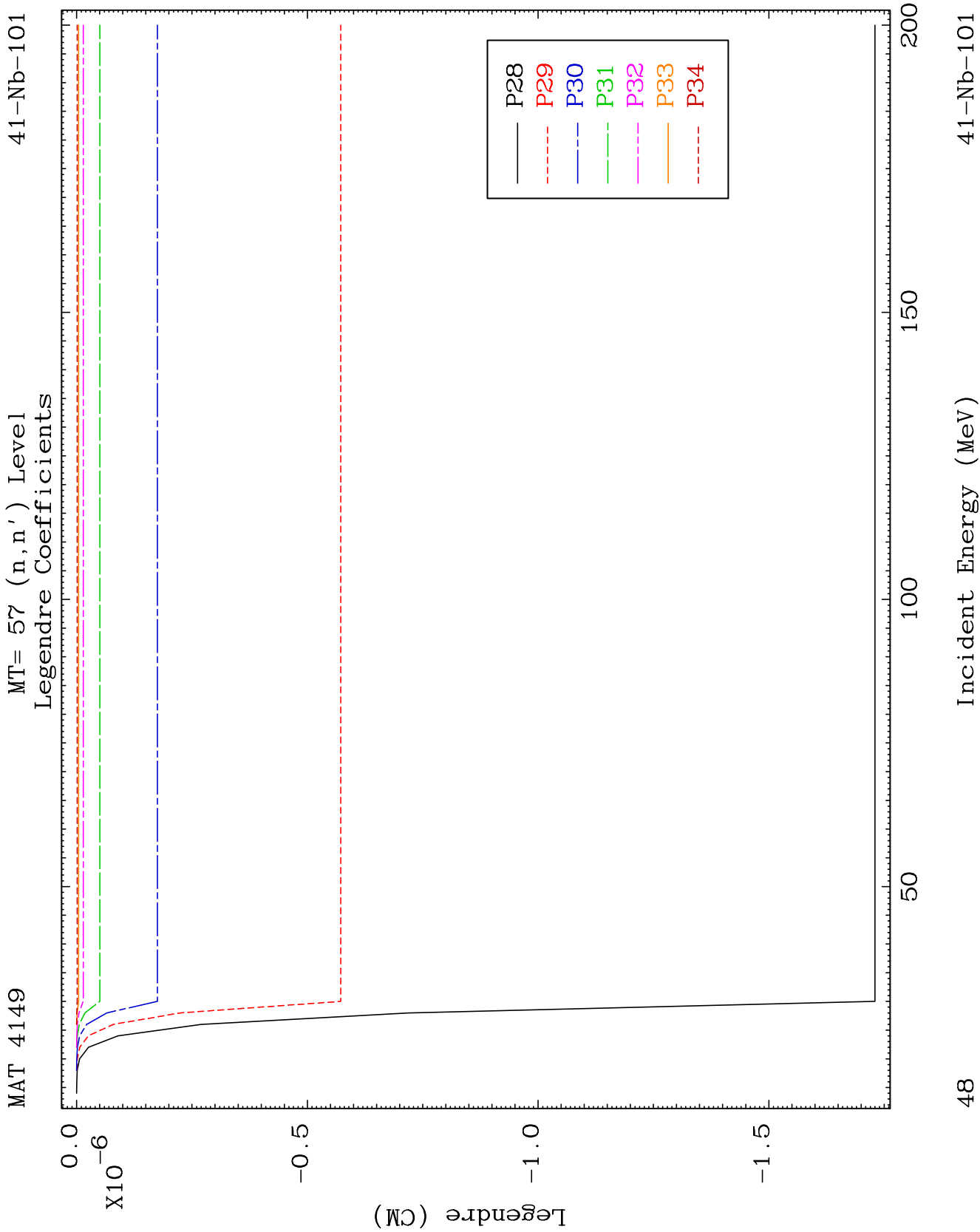
MAT 4149

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

41-Nb-101



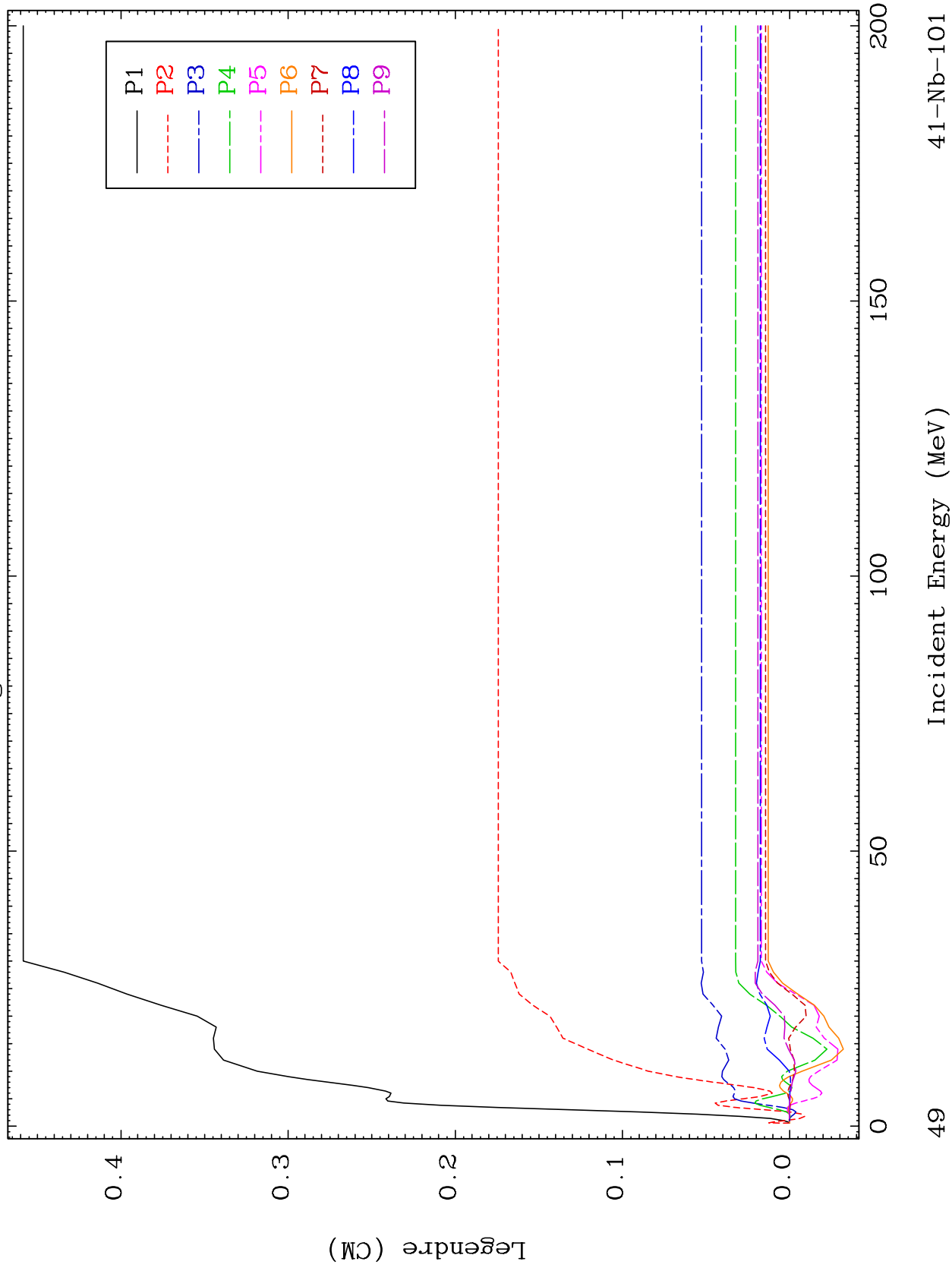




MAT 4149

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

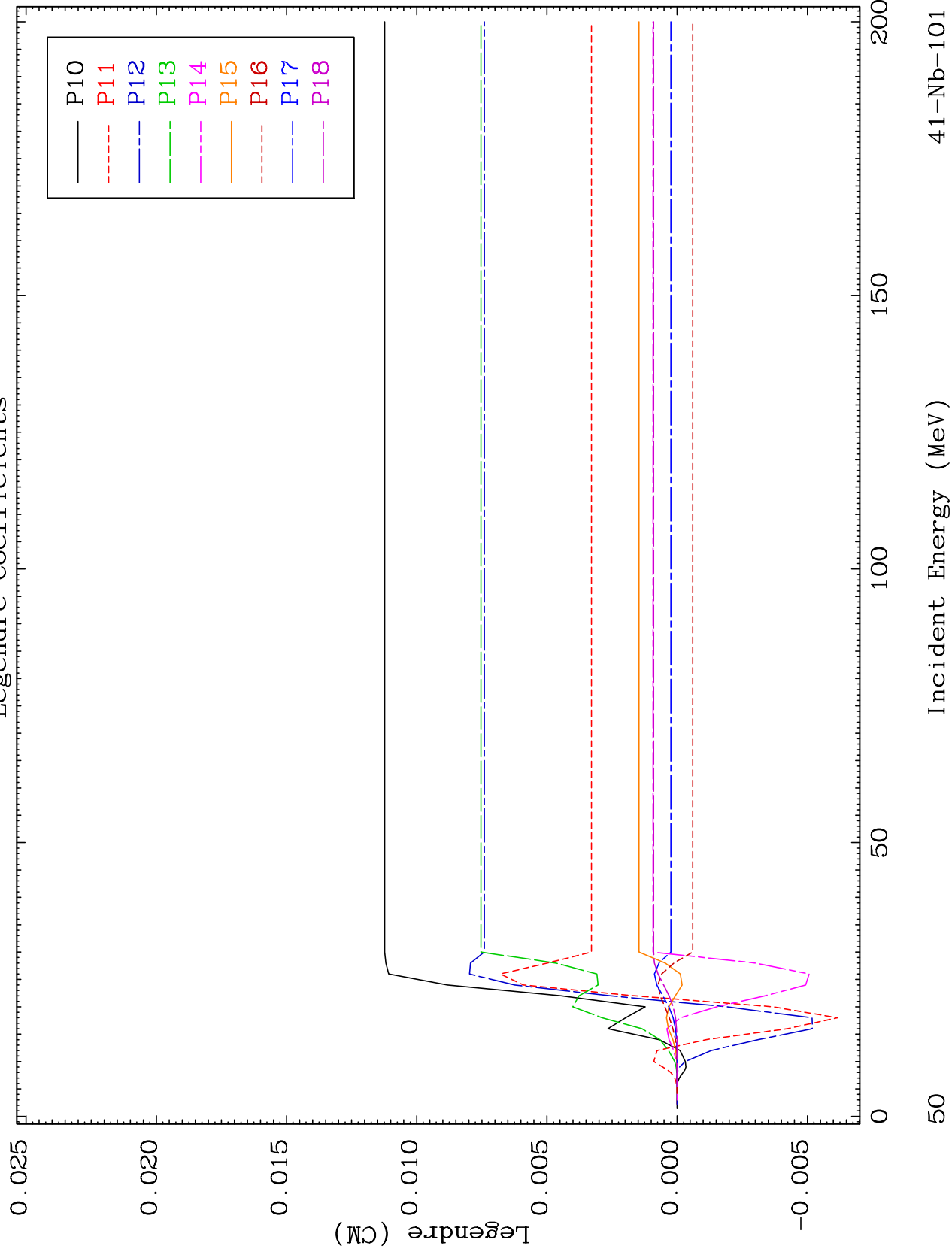
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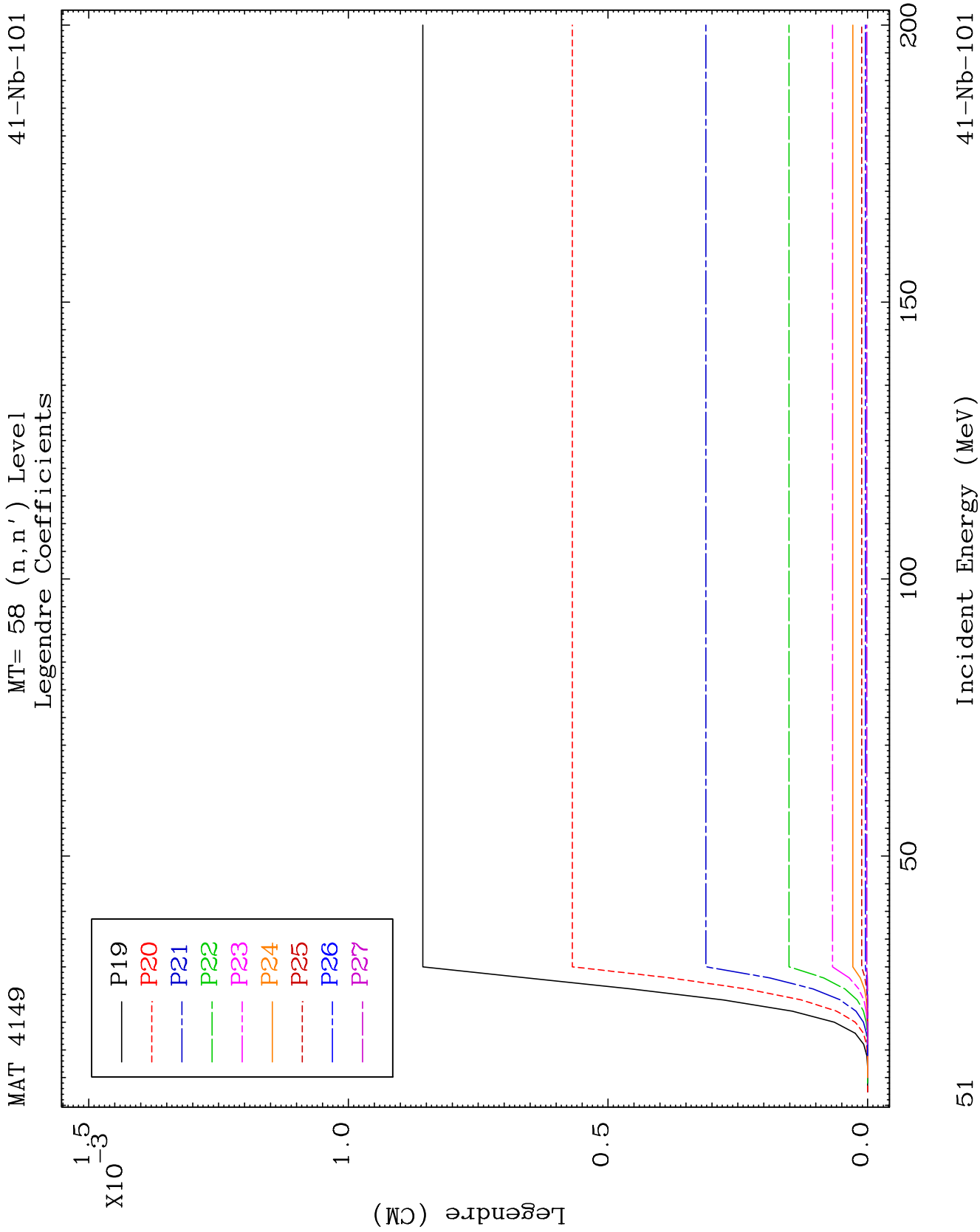


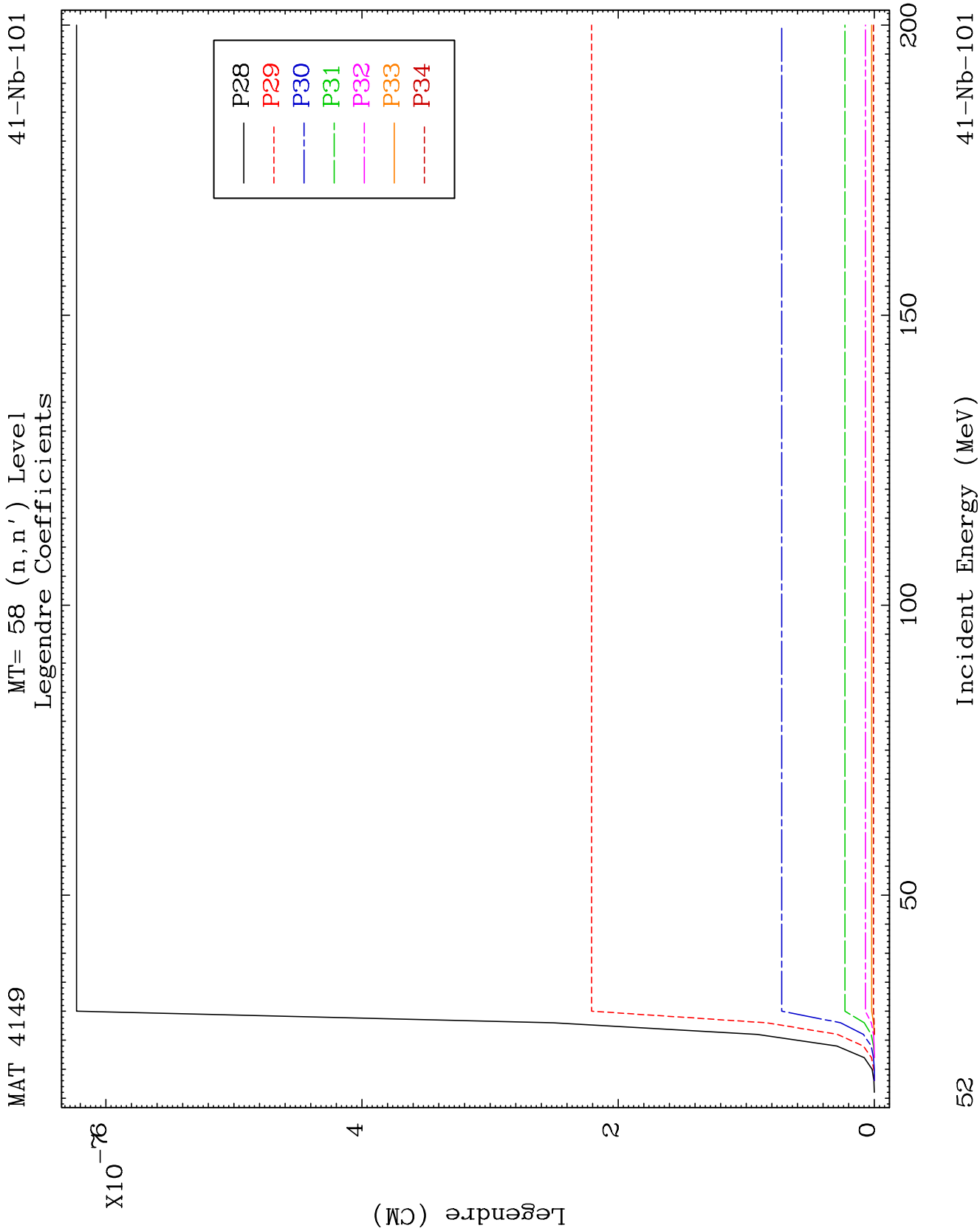
MAT 4149

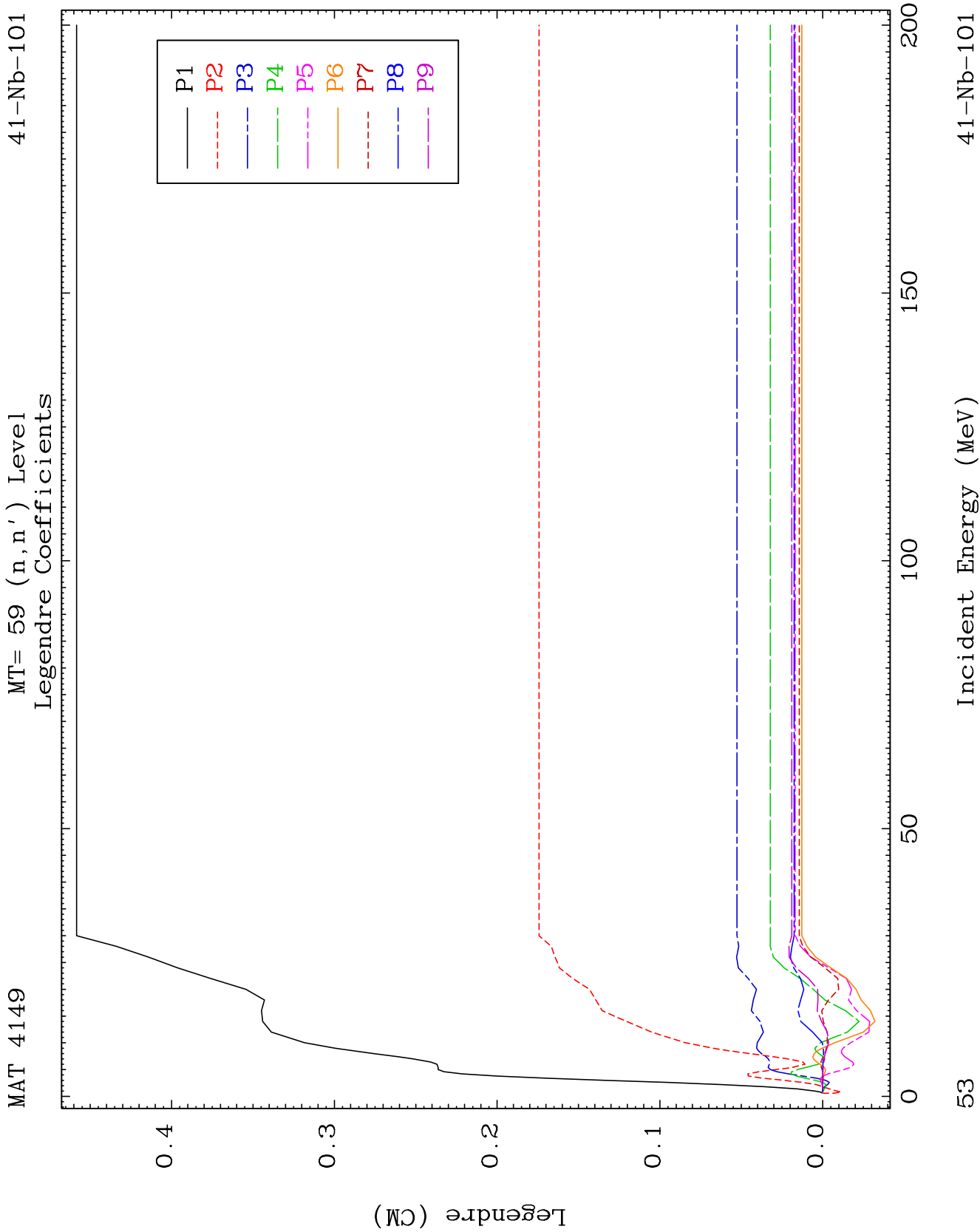
MT= 58 (n, n') Level
Legendre Coefficients

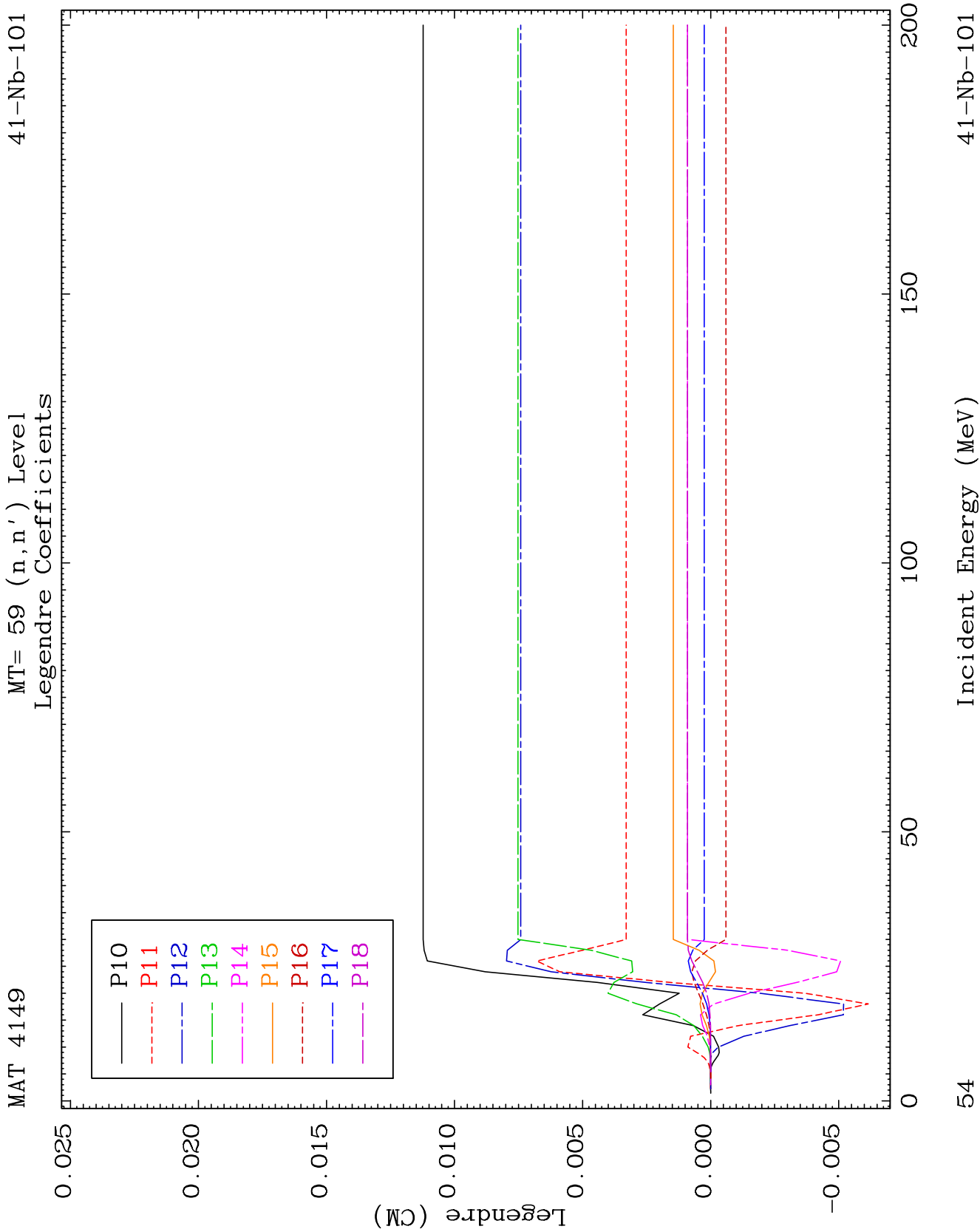
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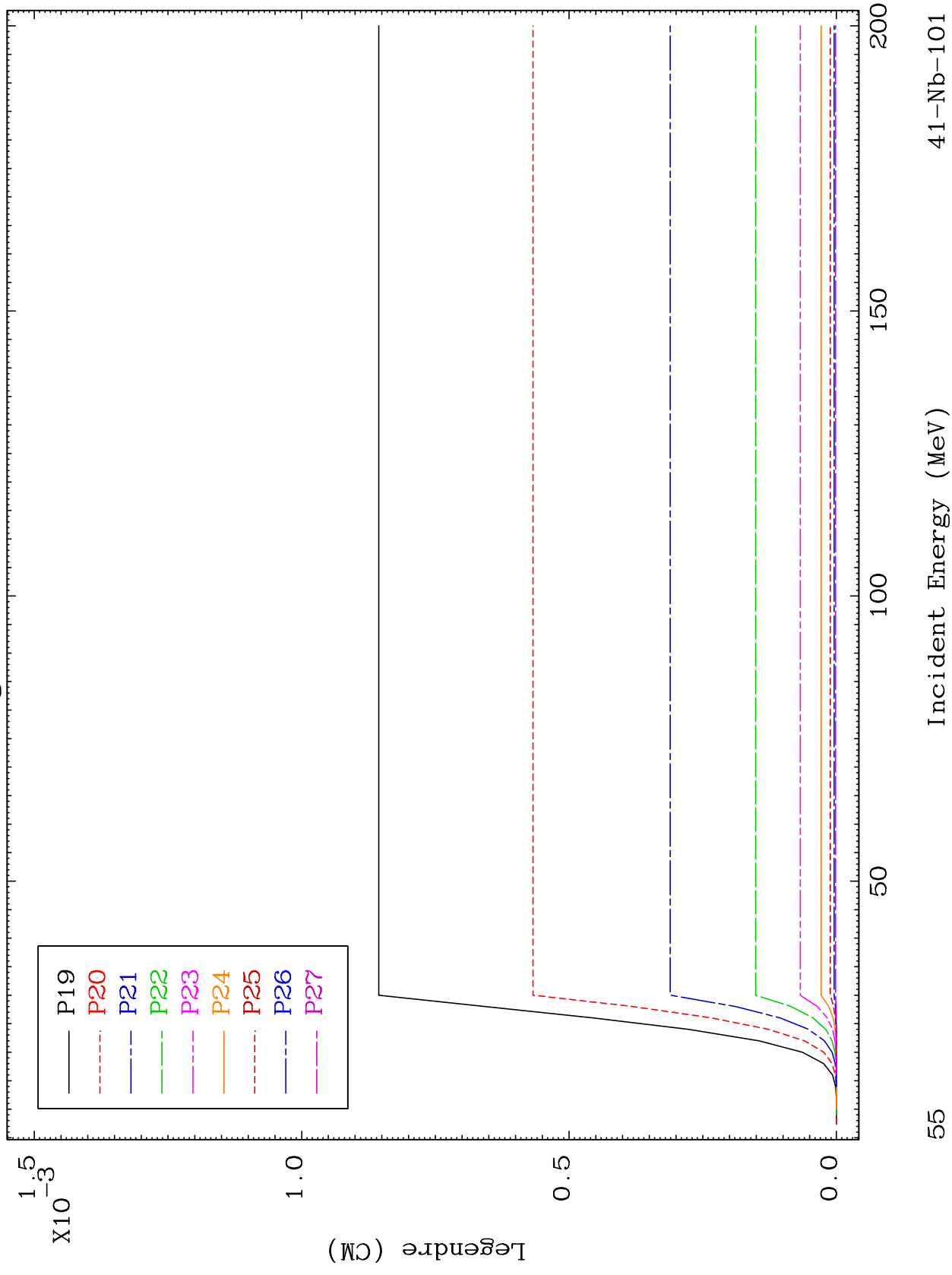


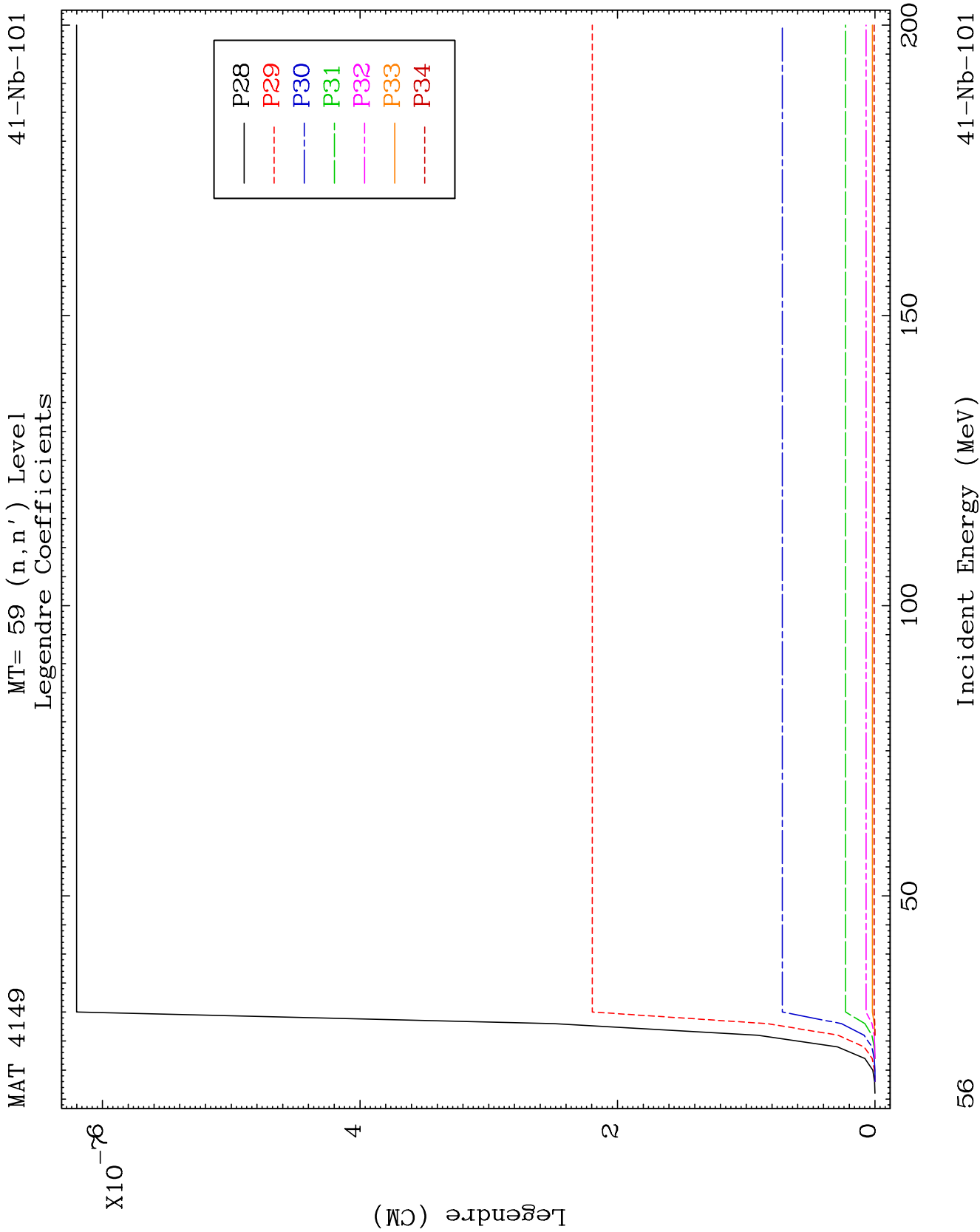


MAT 4149

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

41-Nb-101

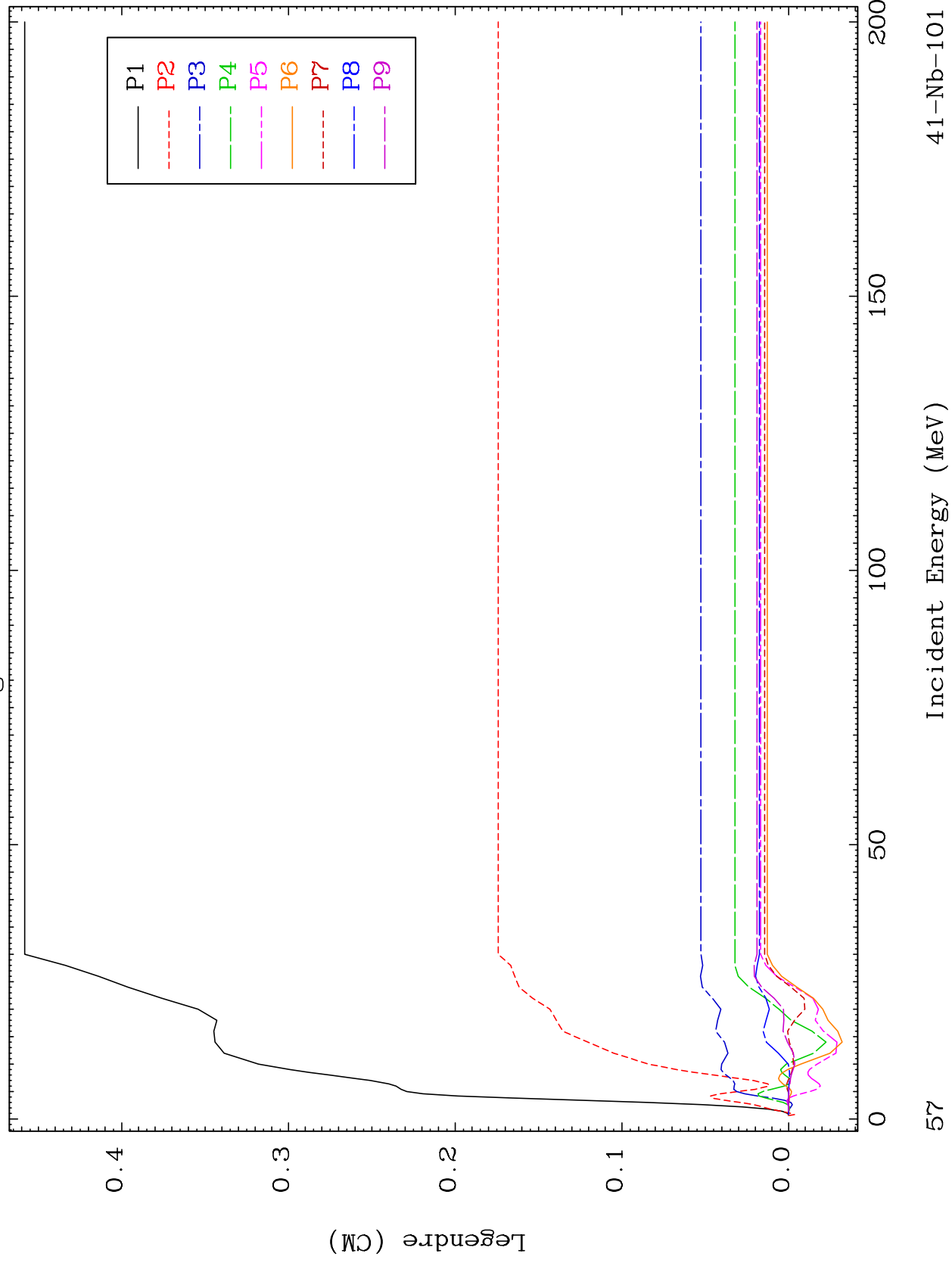




MAT 4149

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

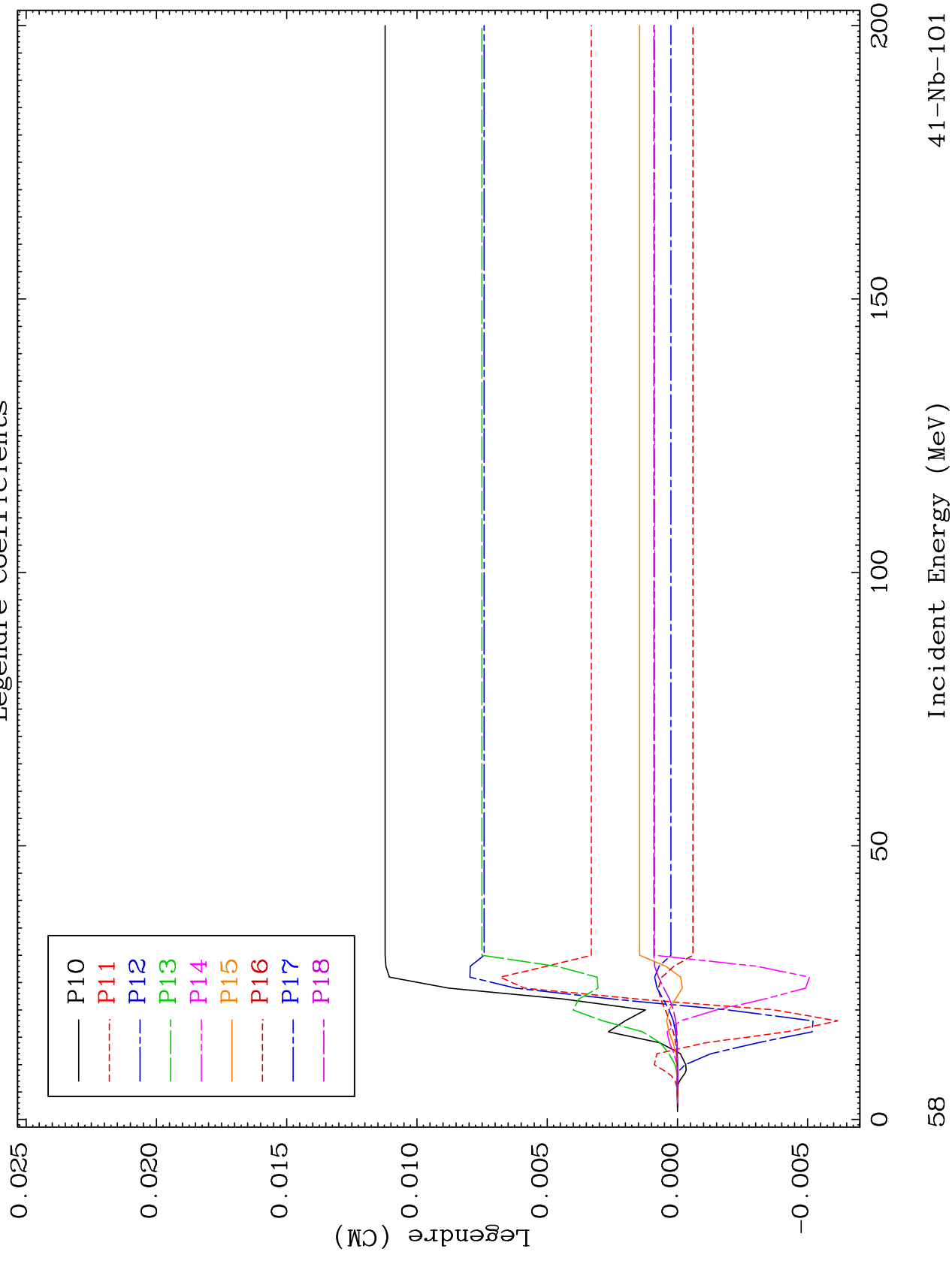
41-Nb-101



MAT 4149

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

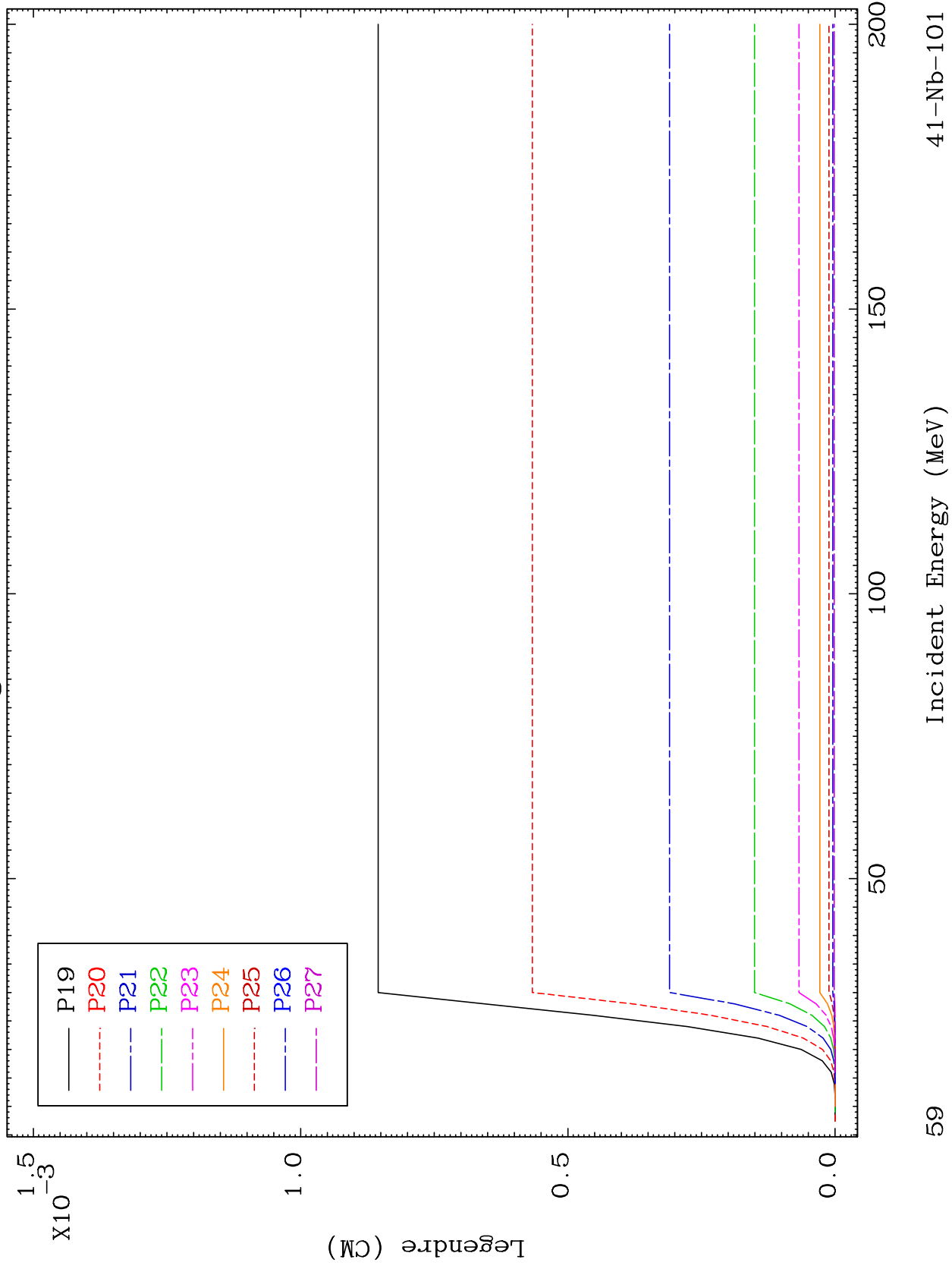
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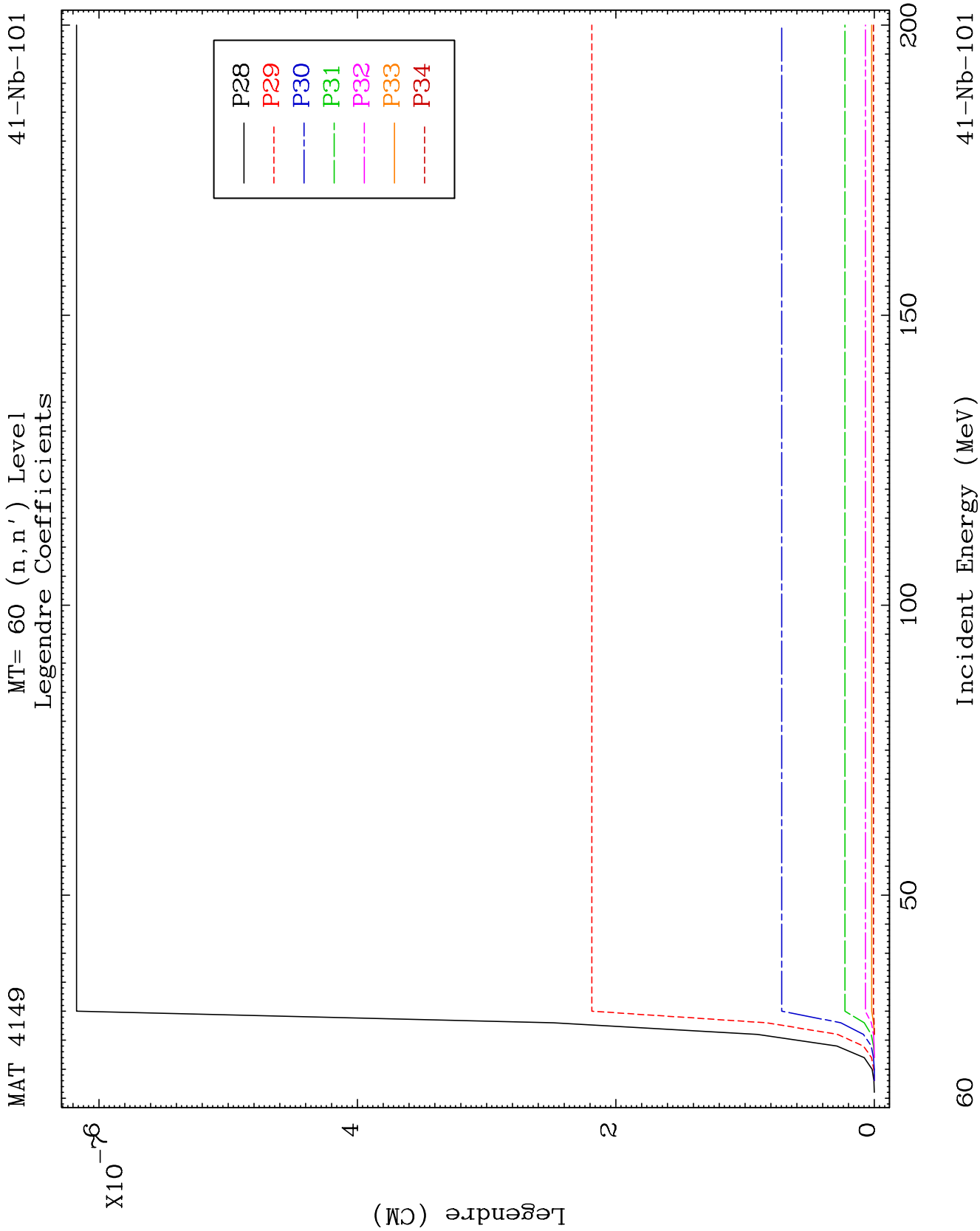


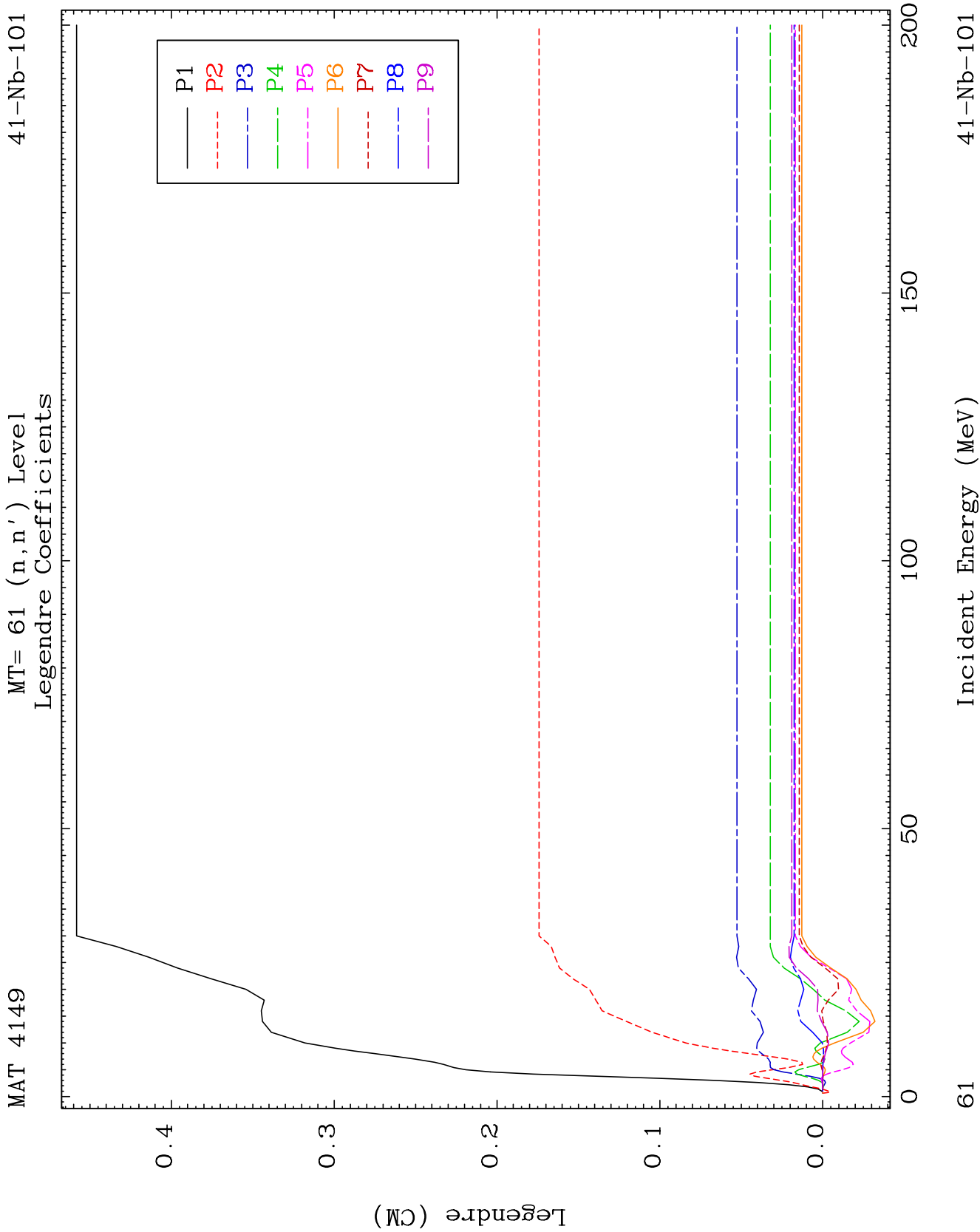
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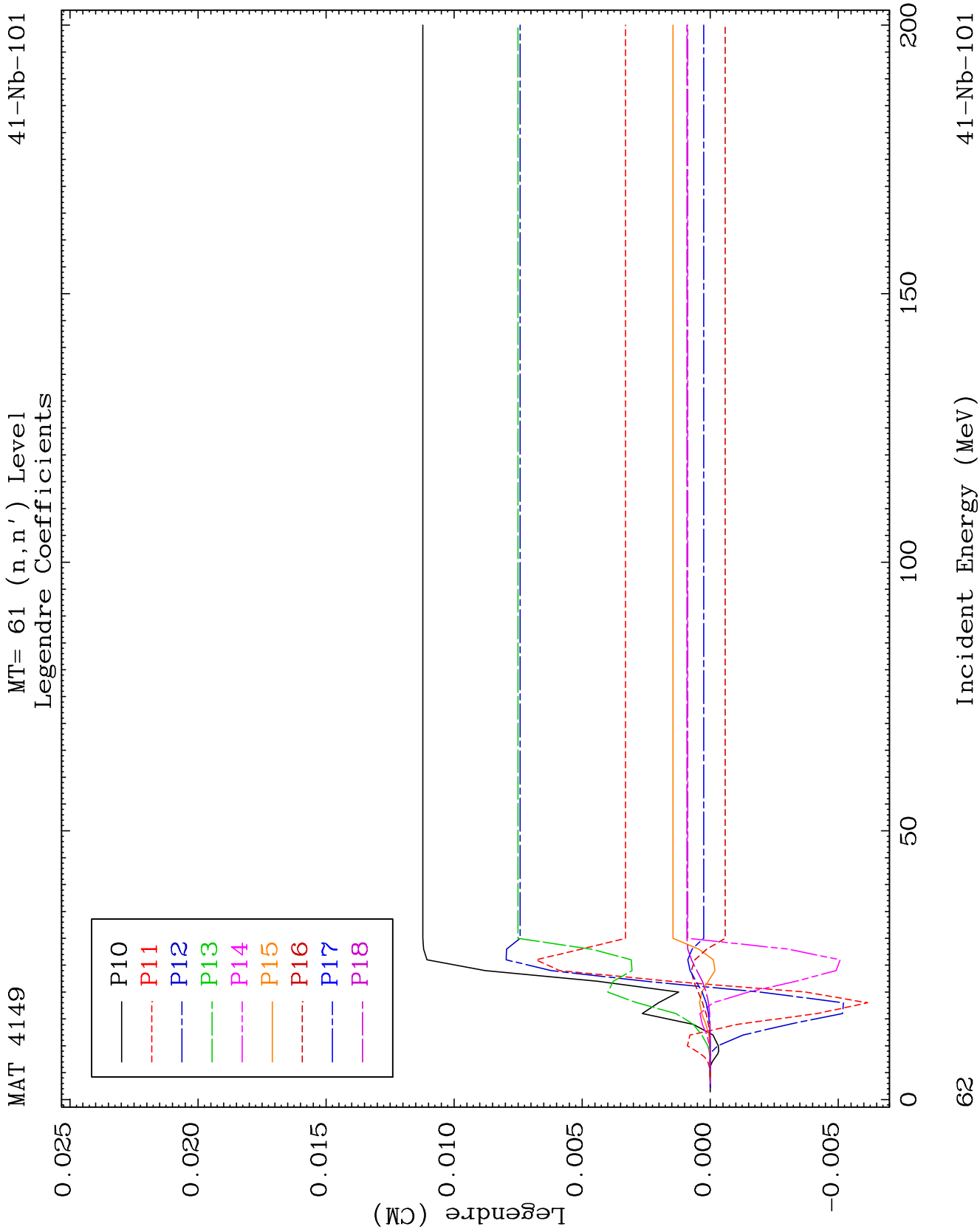
MT= 60 (n, n') Level
Legendre Coefficients

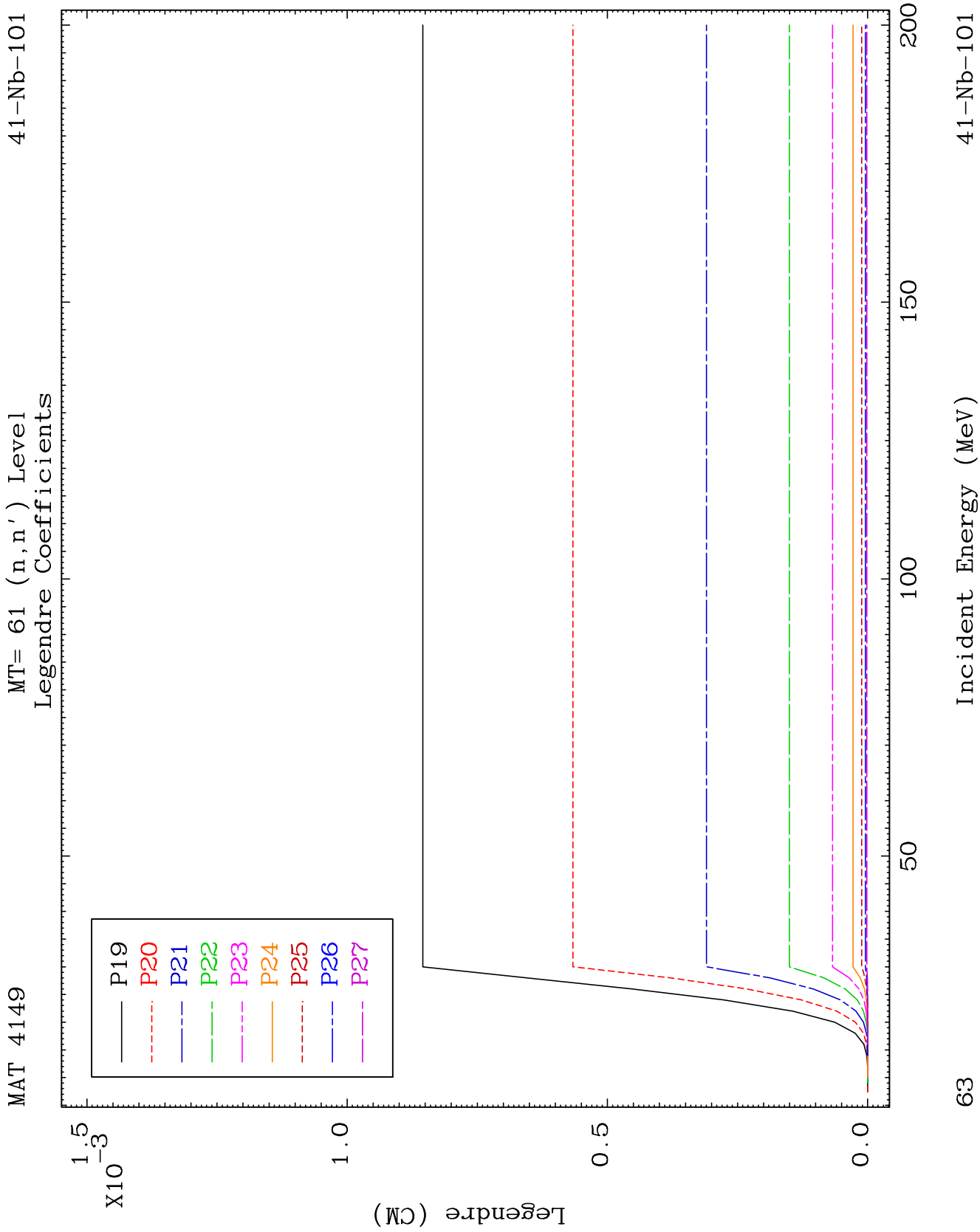
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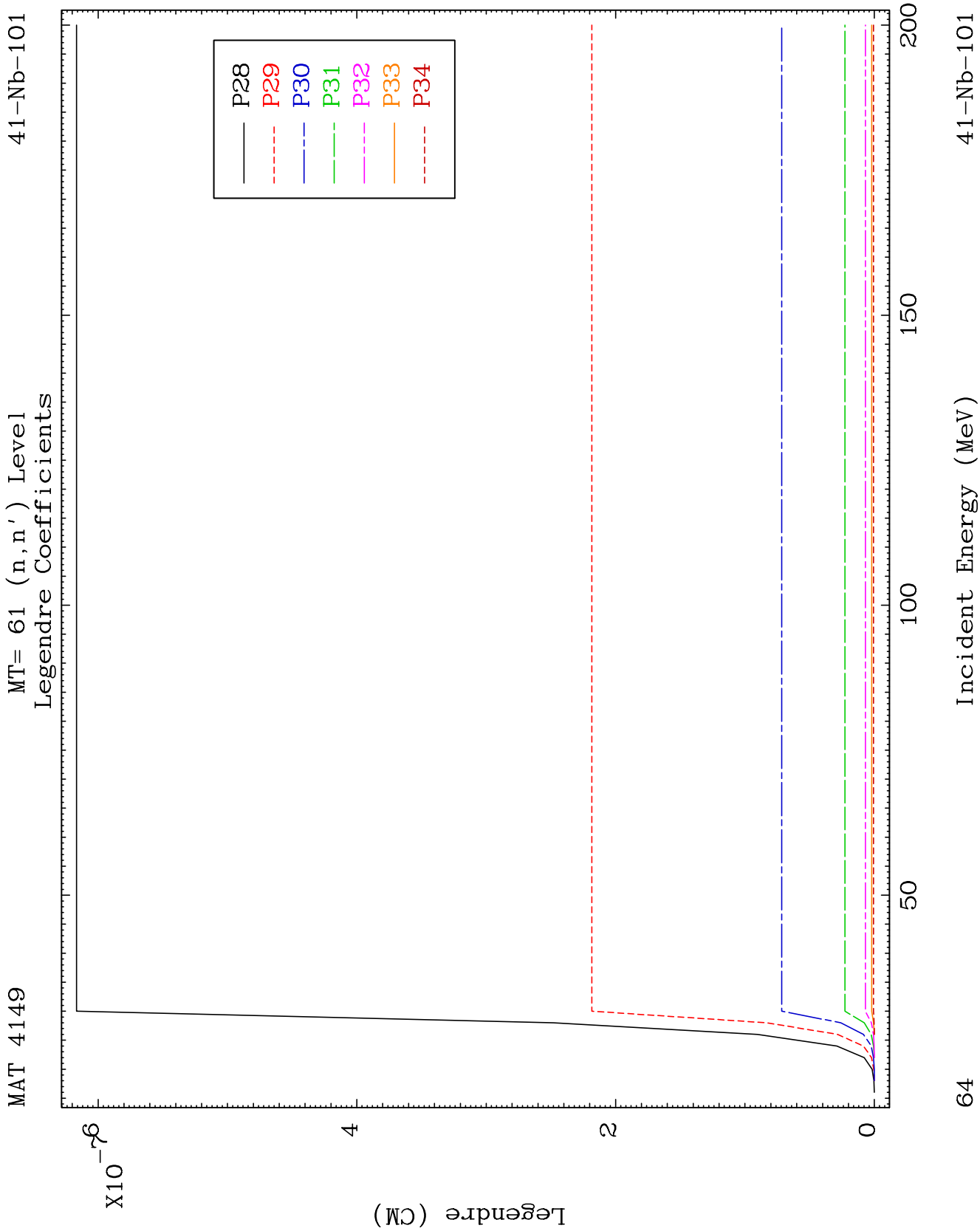








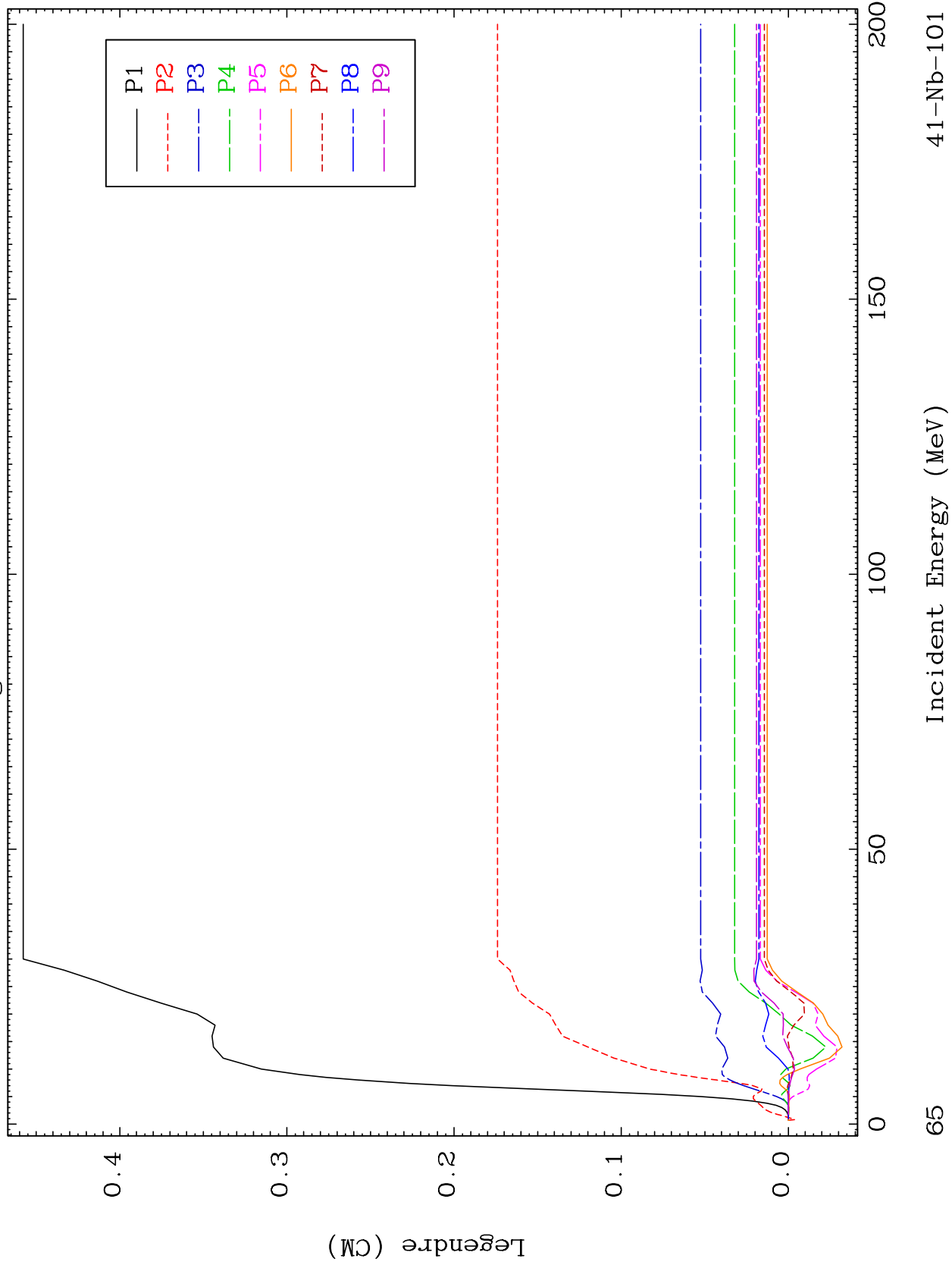




MAT 4149

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

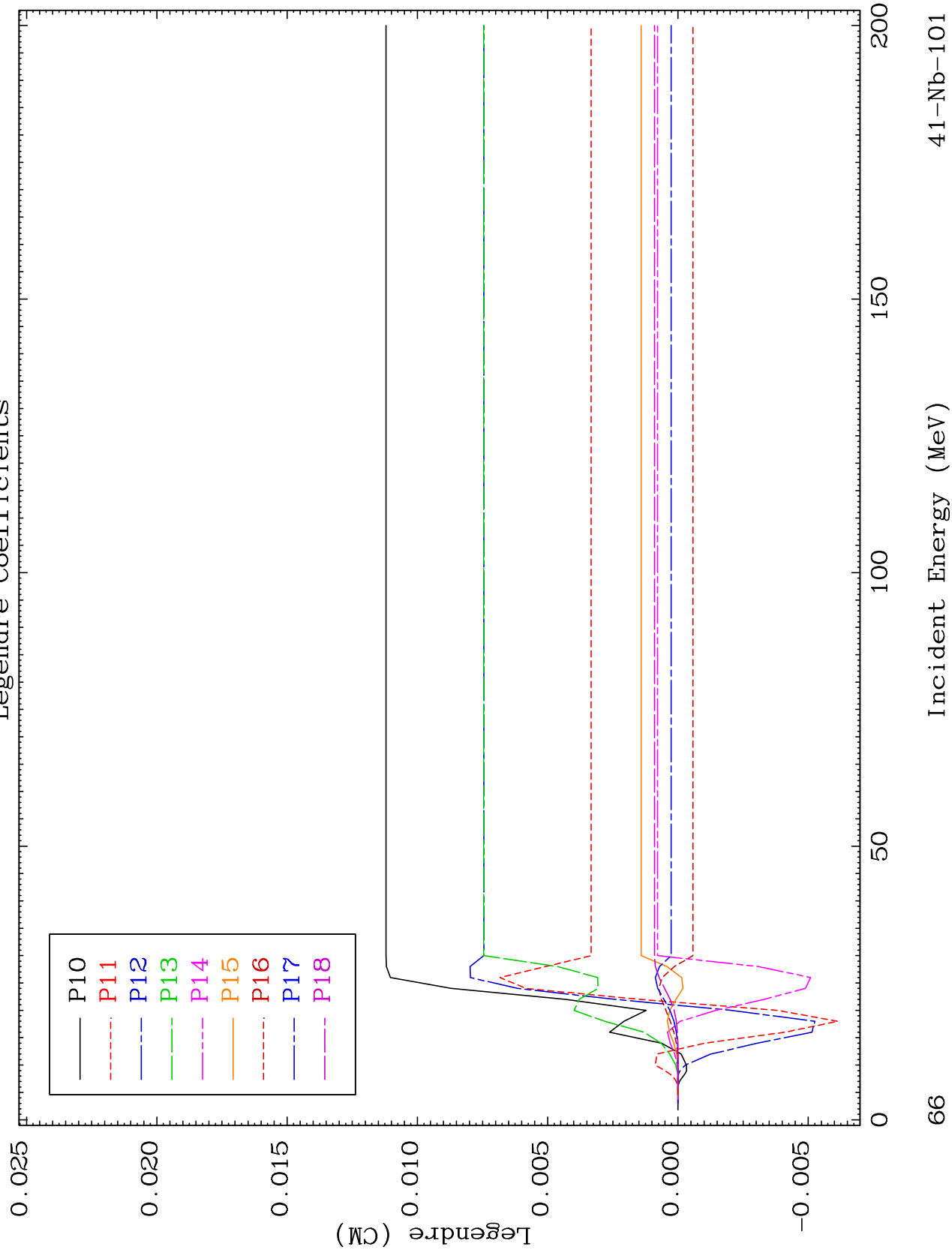
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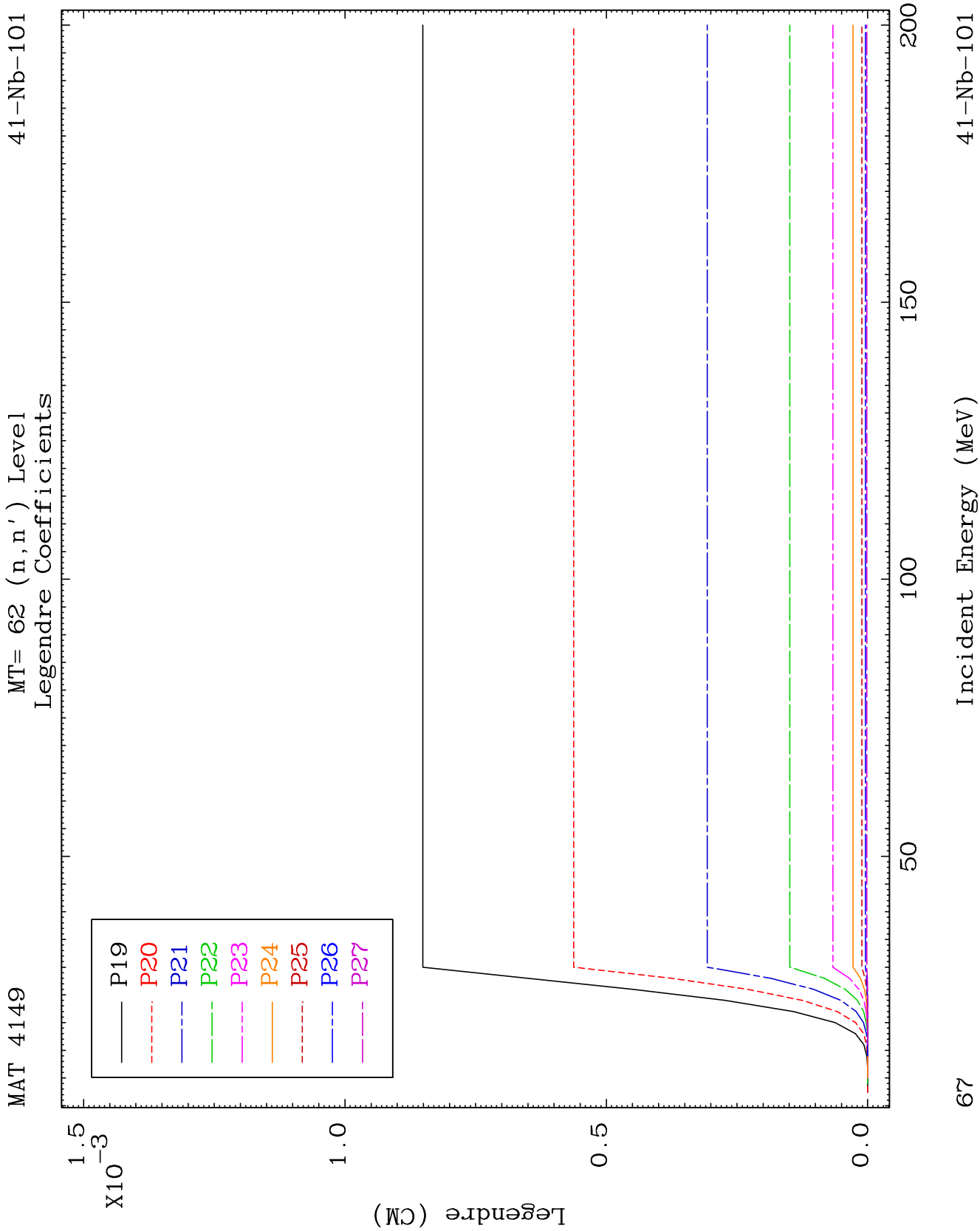


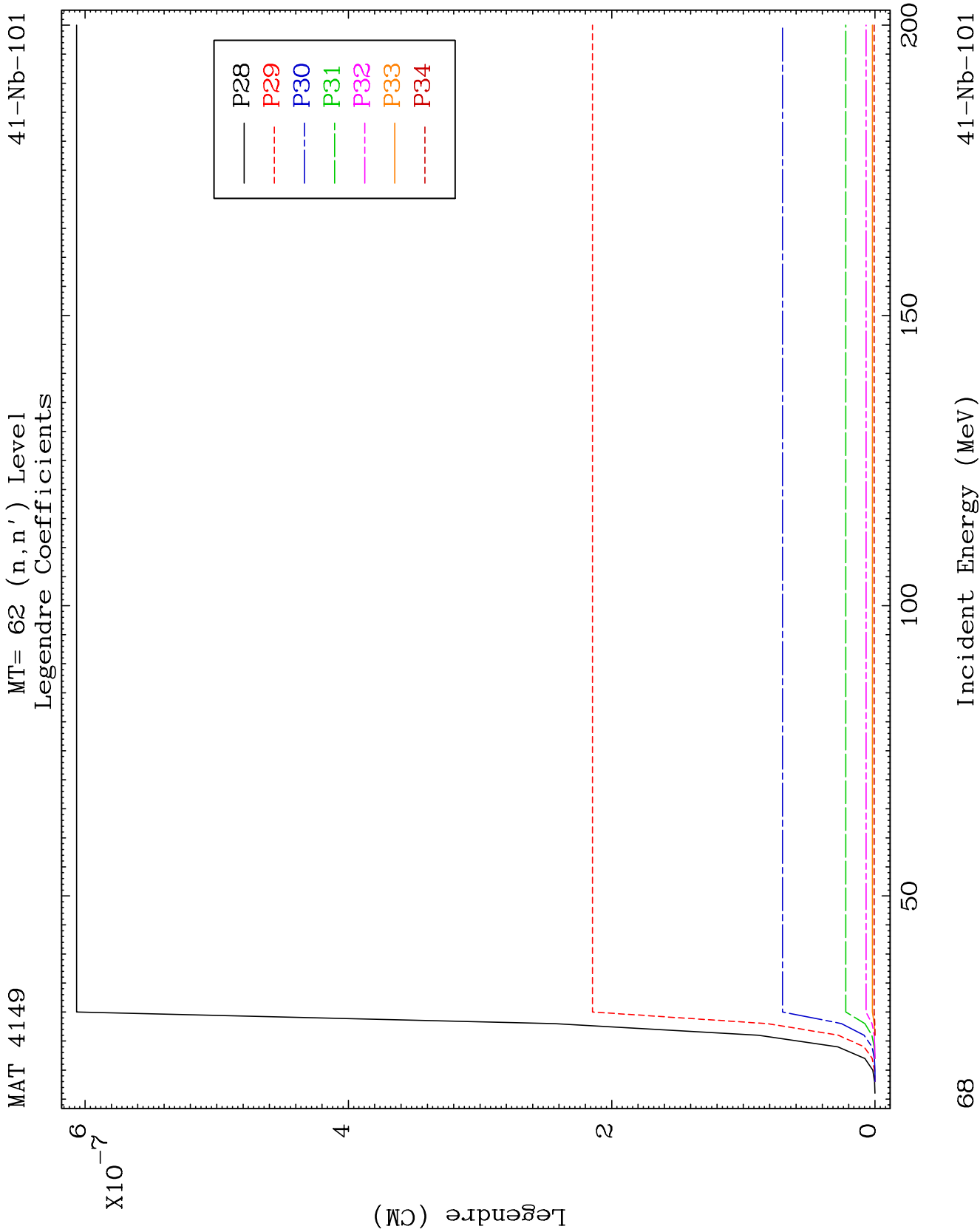
MAT 4149

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

41-Nb-101



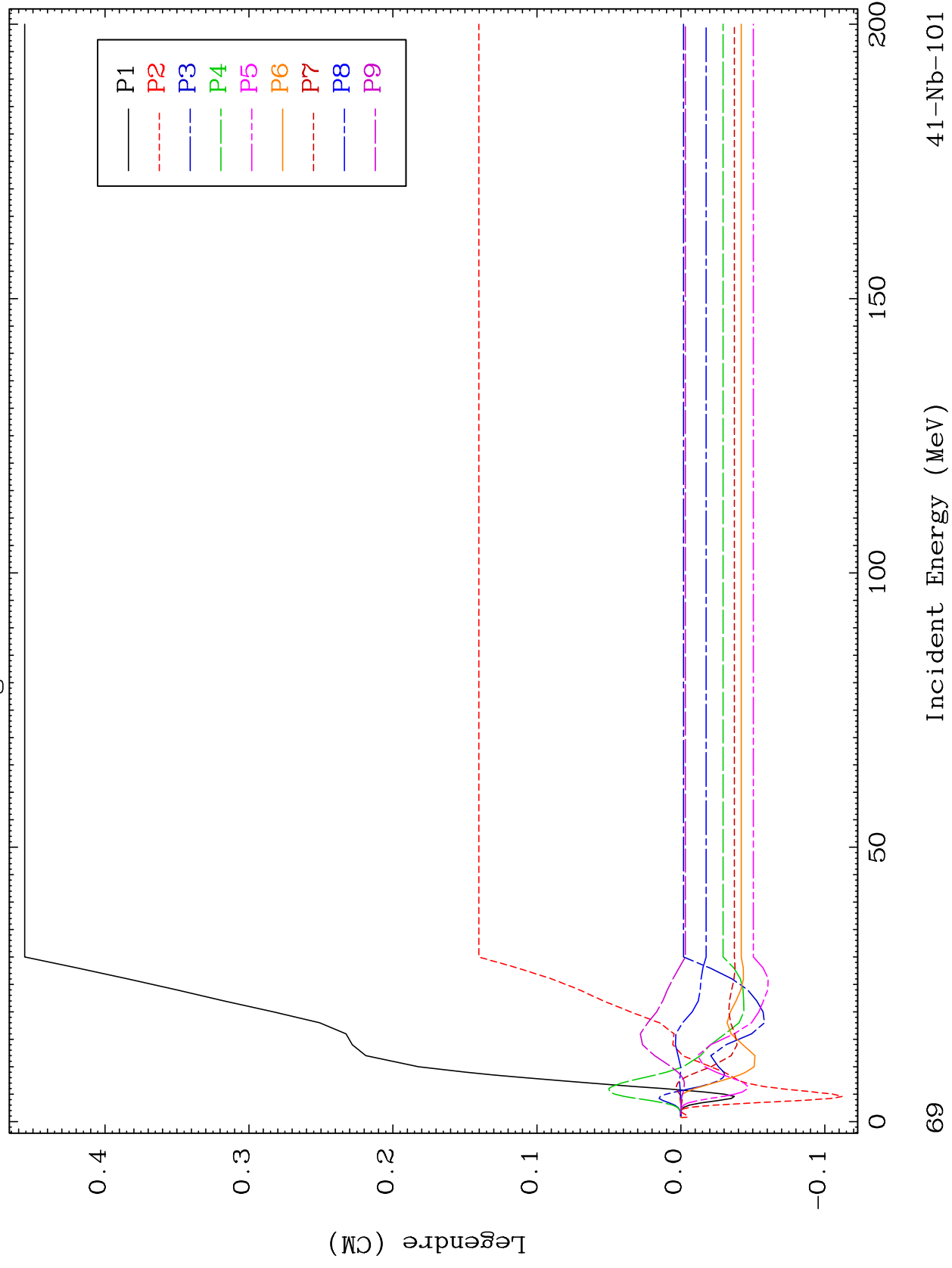




MAT 4149

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

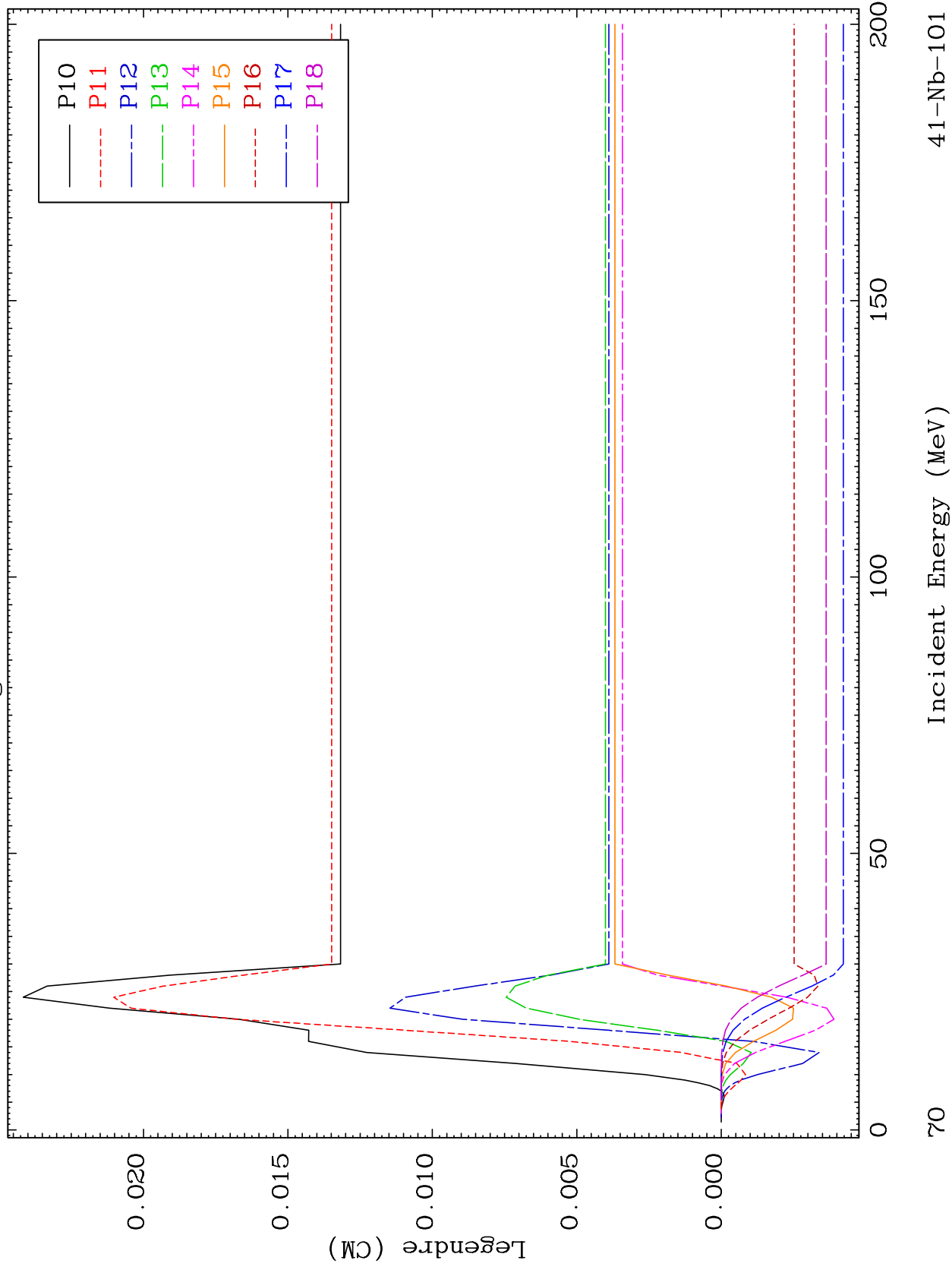
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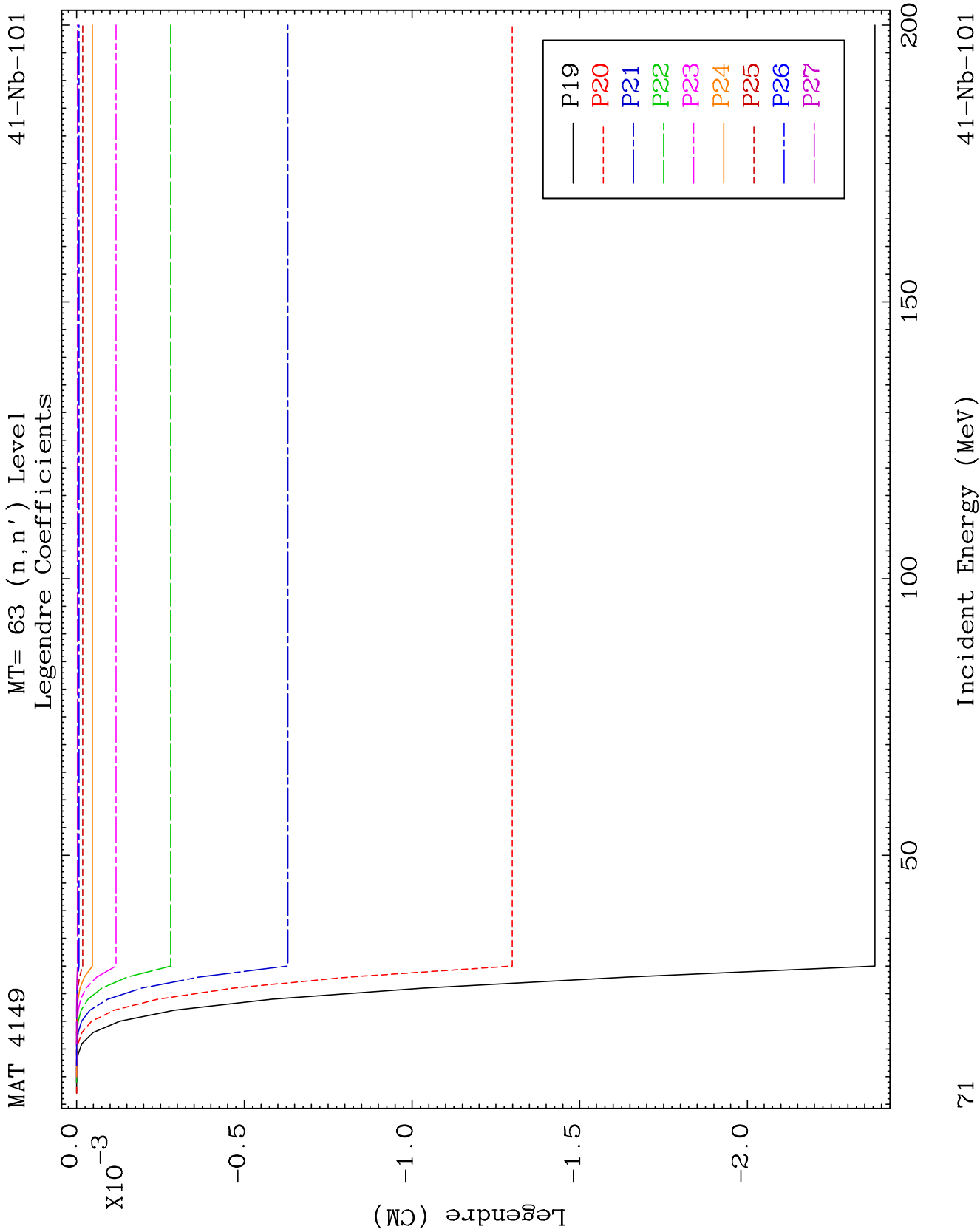


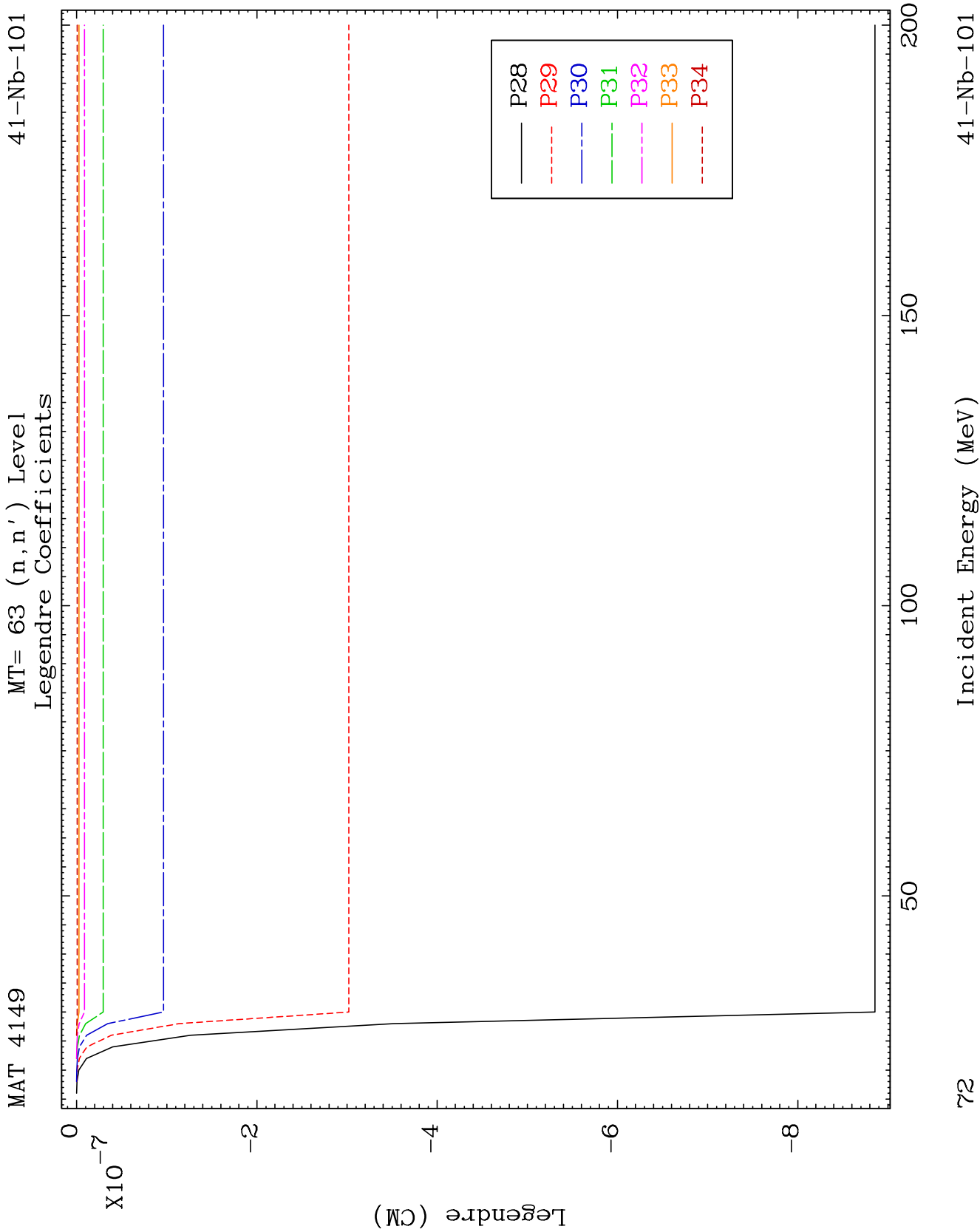
MAT 4149

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

41-Nb-101



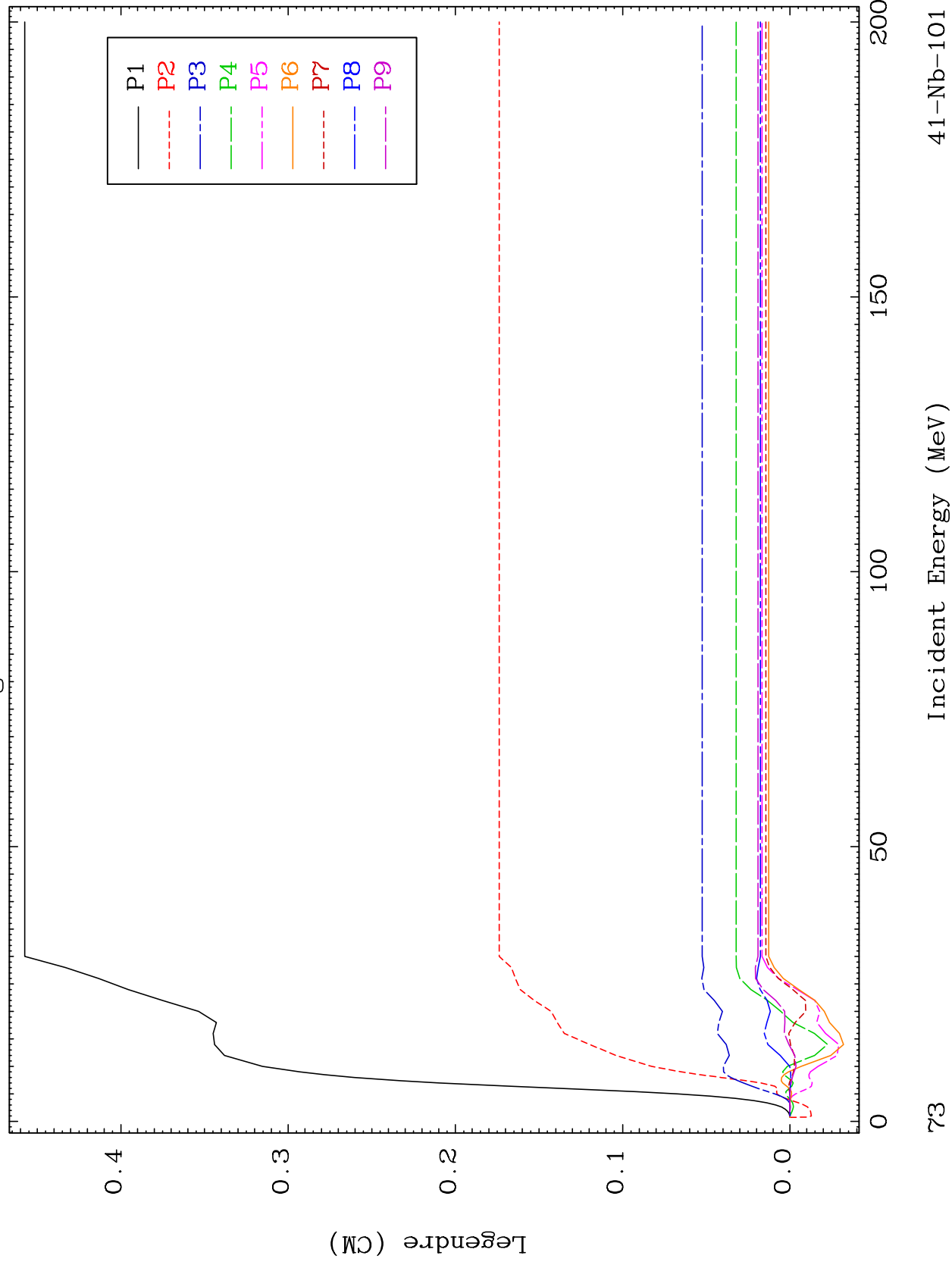


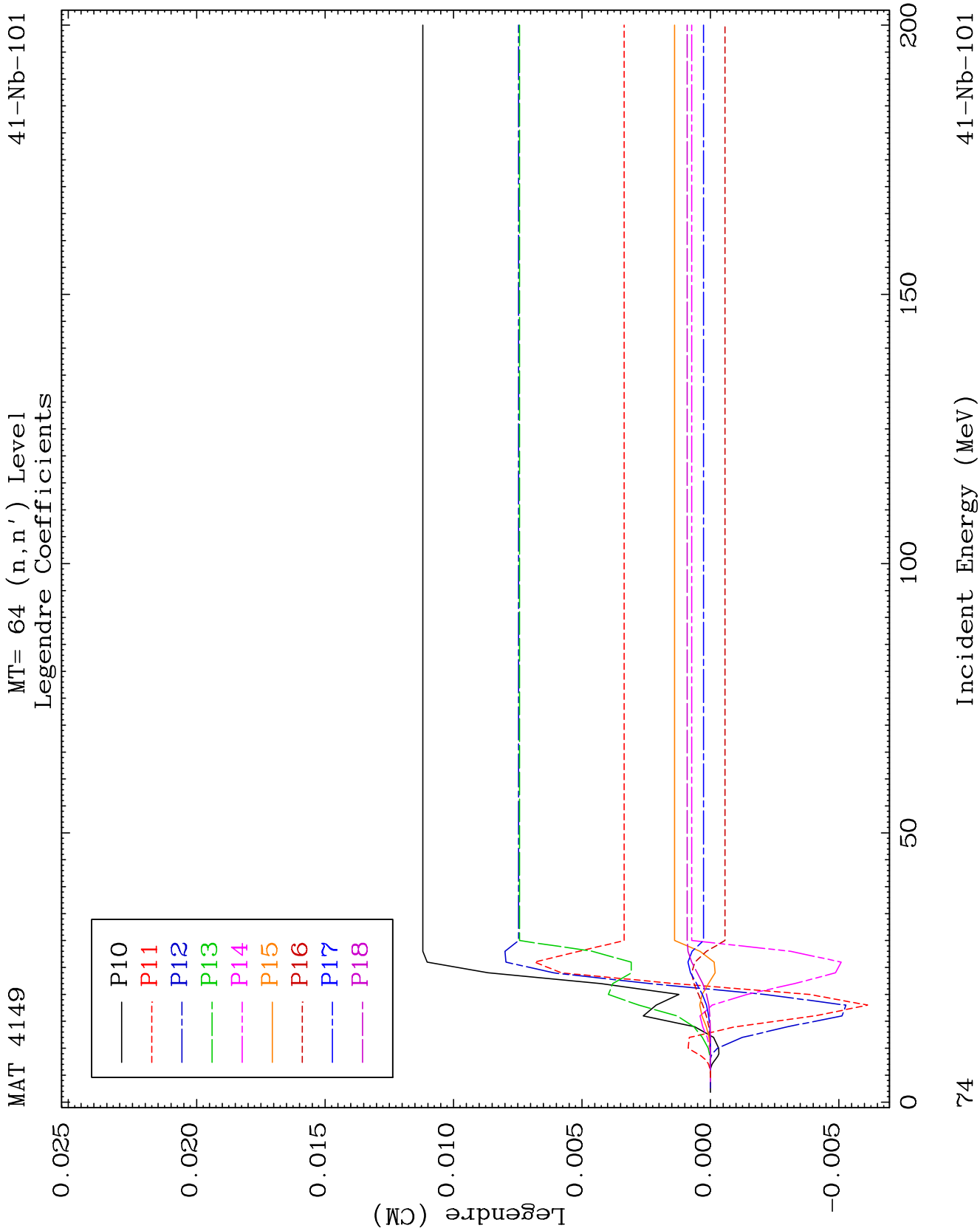


MAT 4149

MT= 64 (n, n') Level
Legendre Coefficients

41-Nb-101

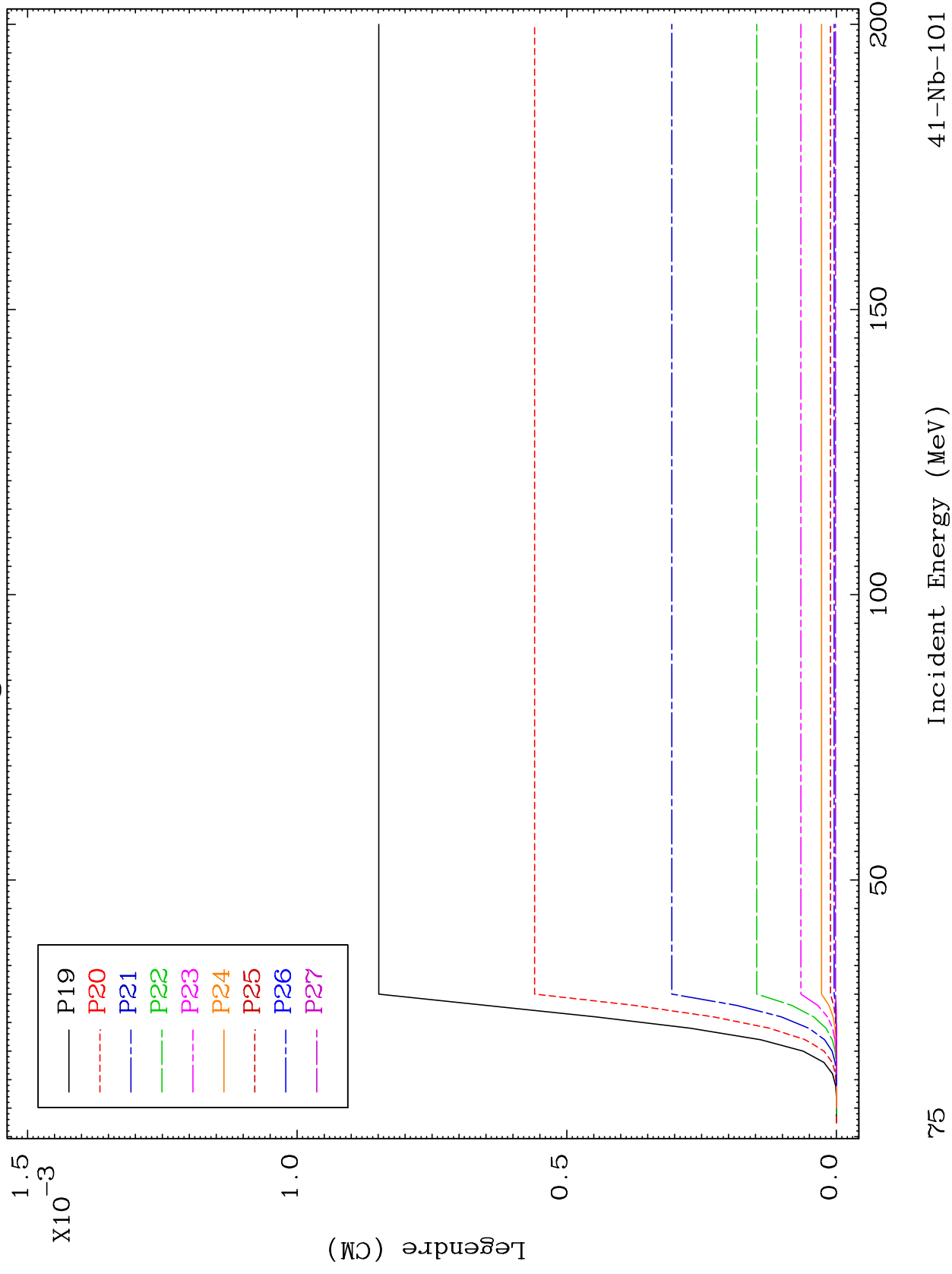


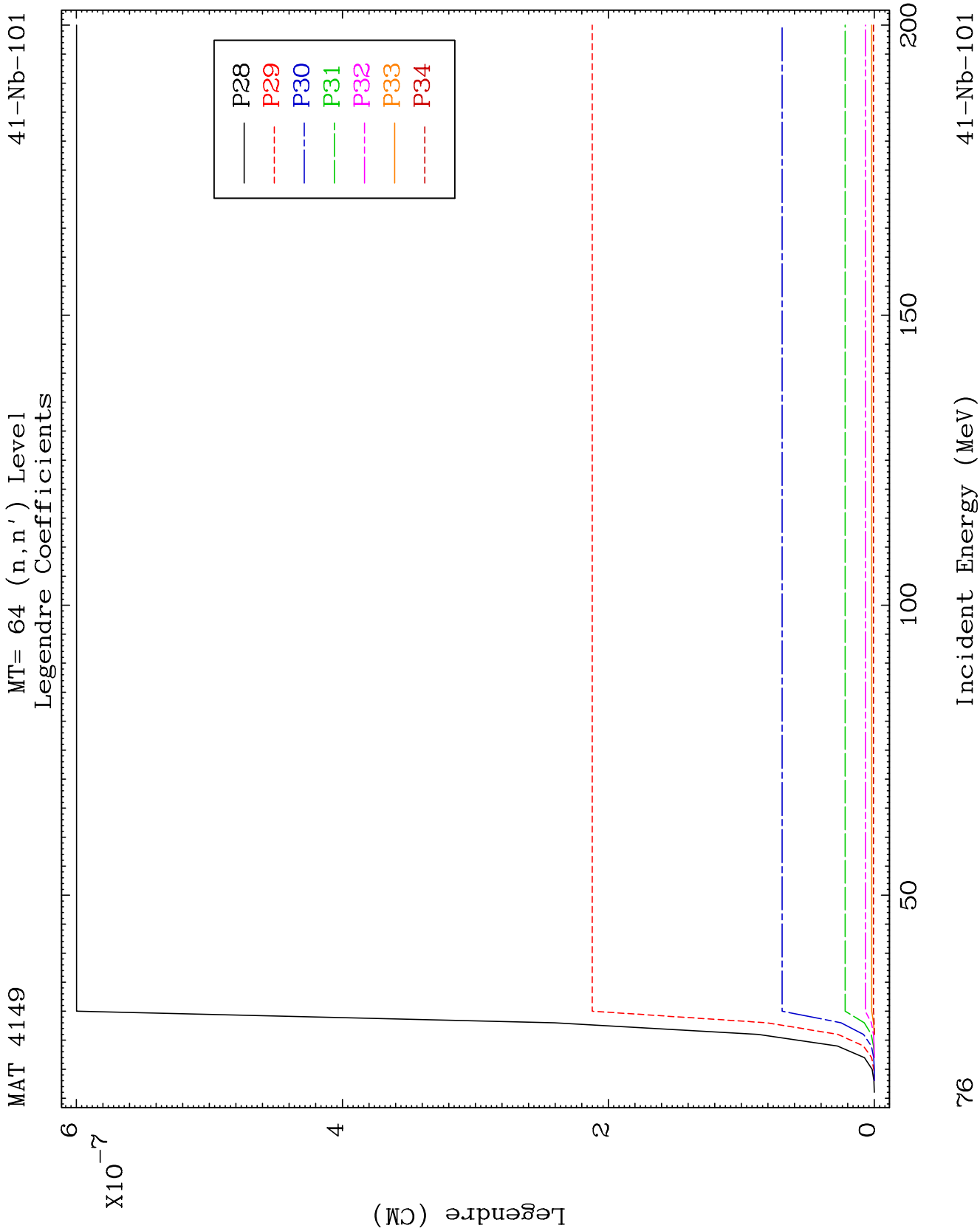


MAT 4149

MT= 64 (n, n') Level
Legendre Coefficients

41-Nb-101

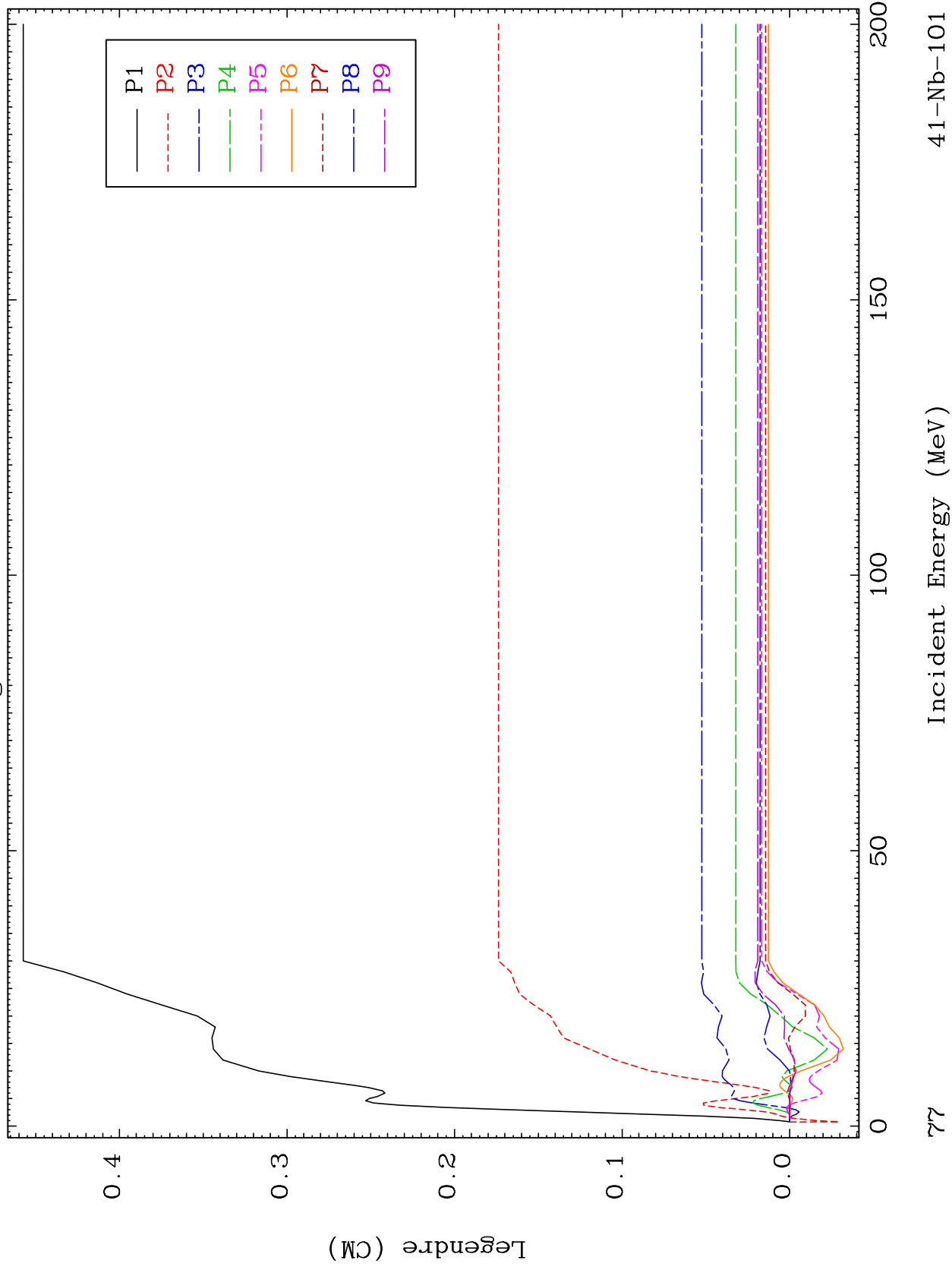




MAT 4149

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

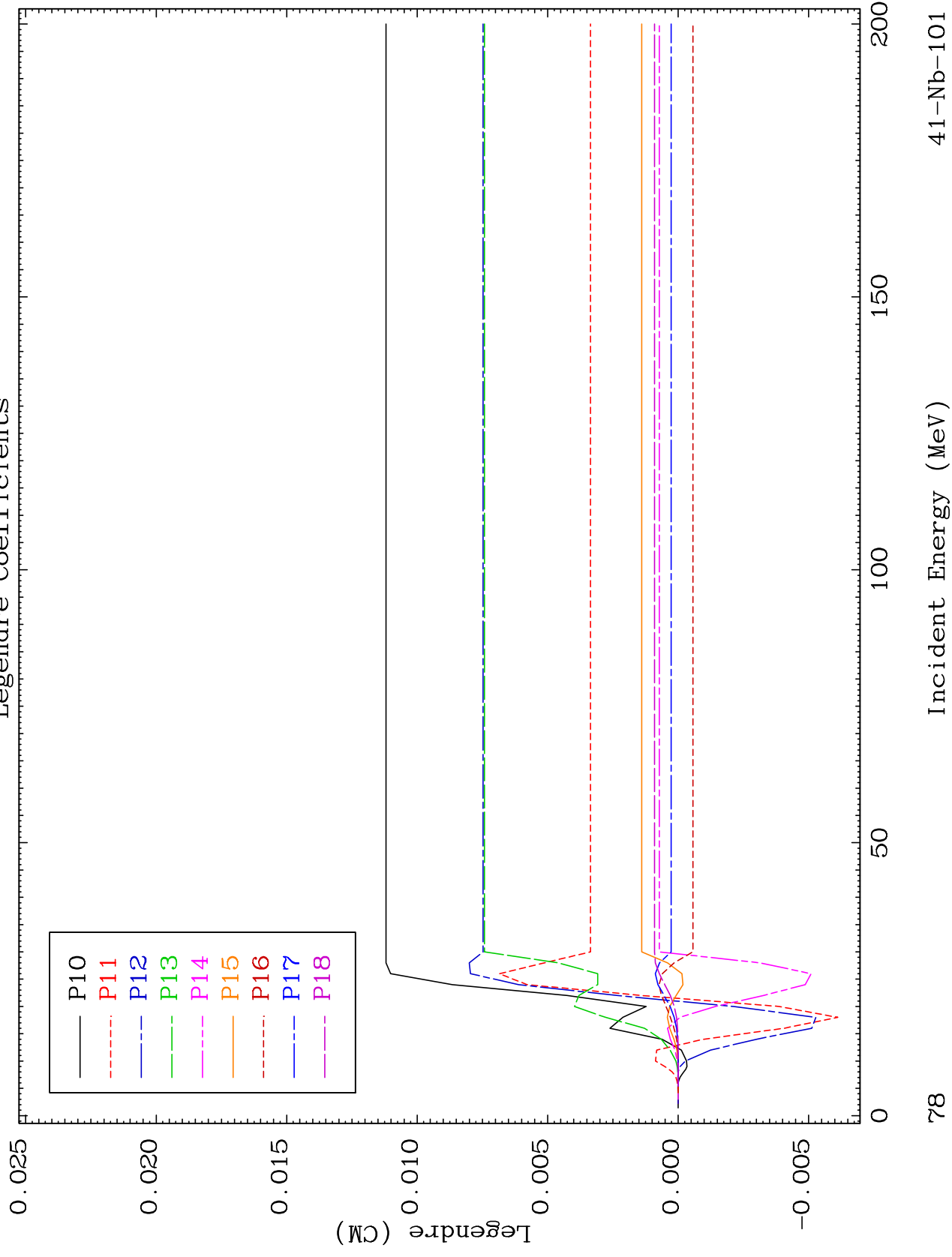
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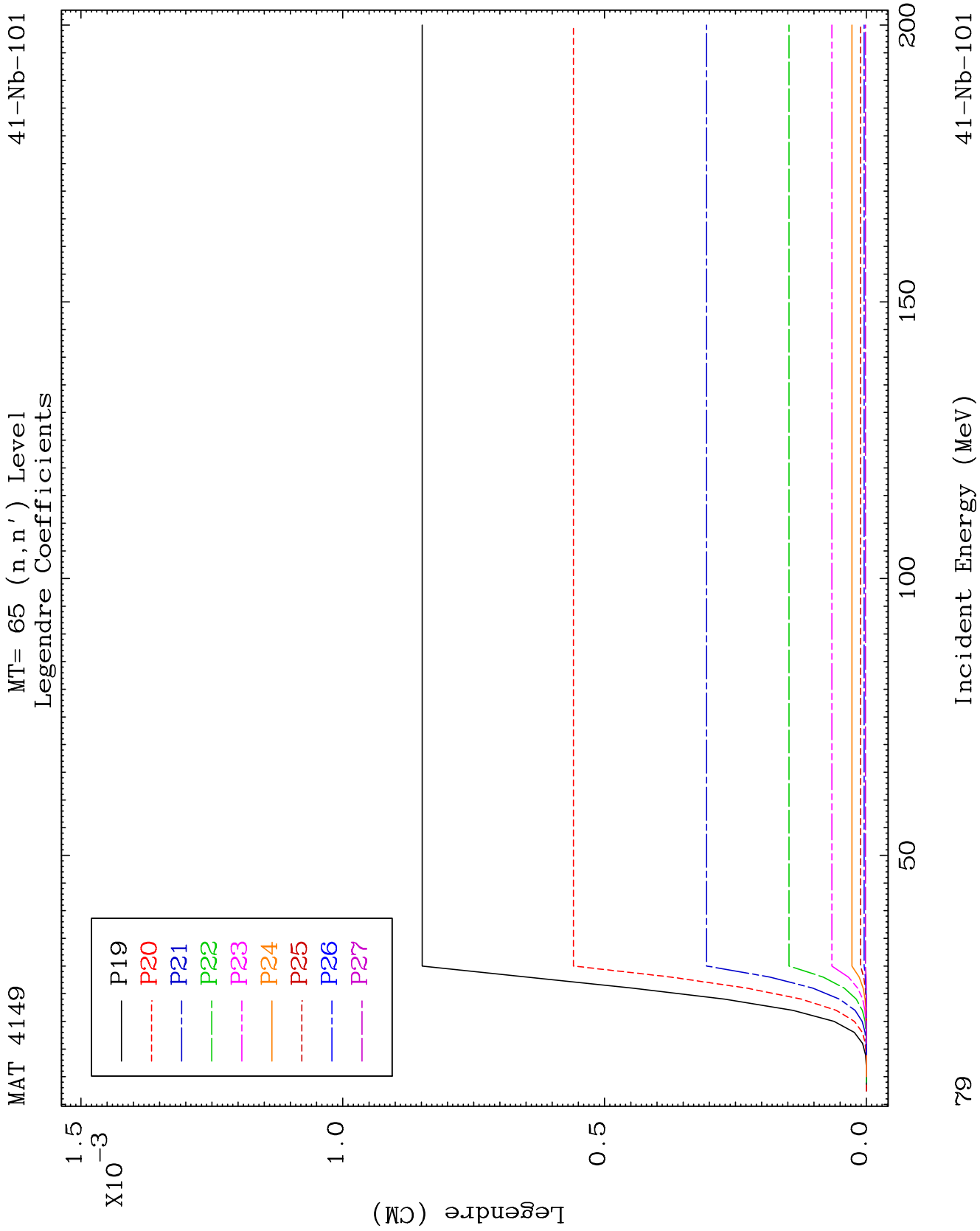


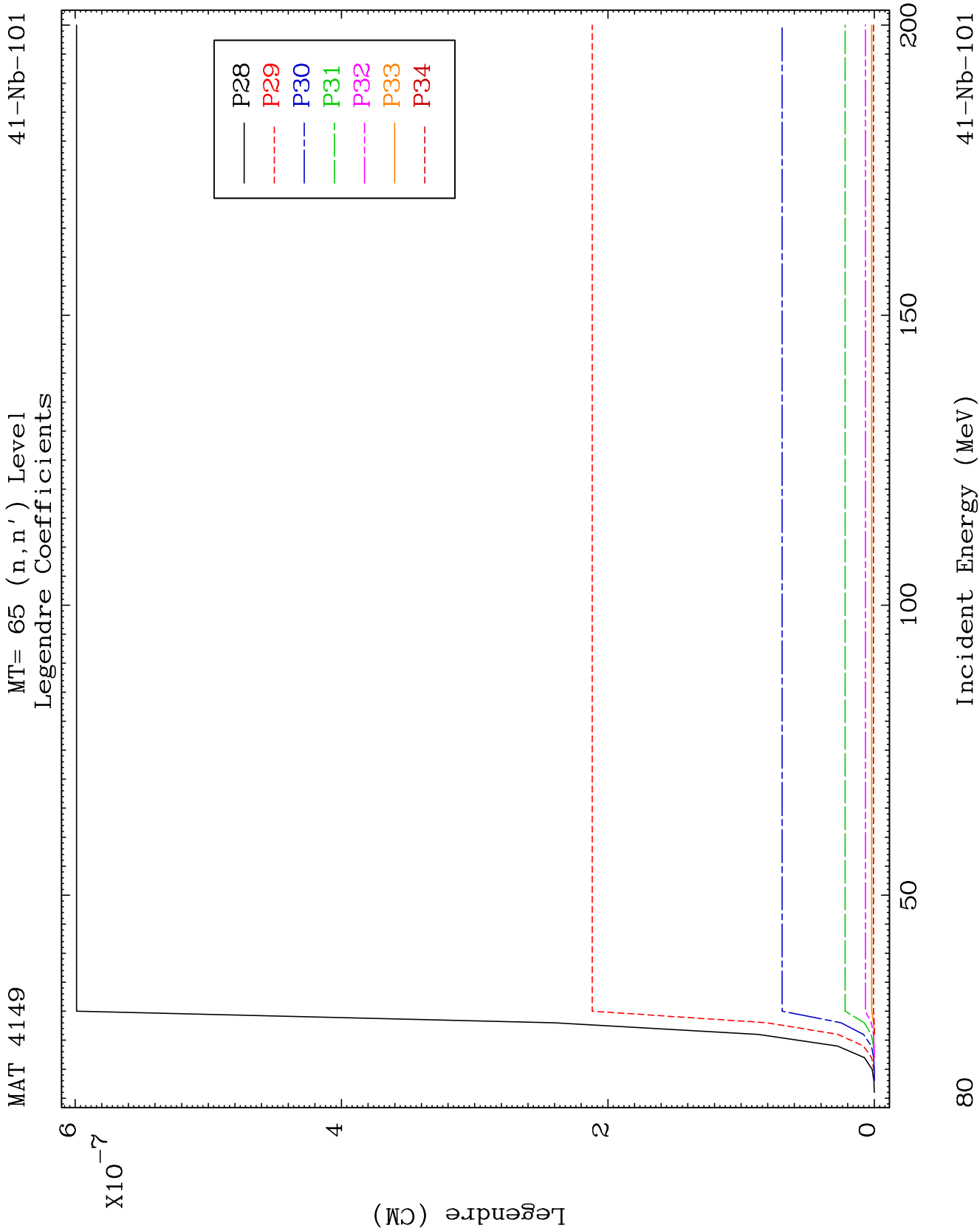
MAT 4149

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

41-Nb-101



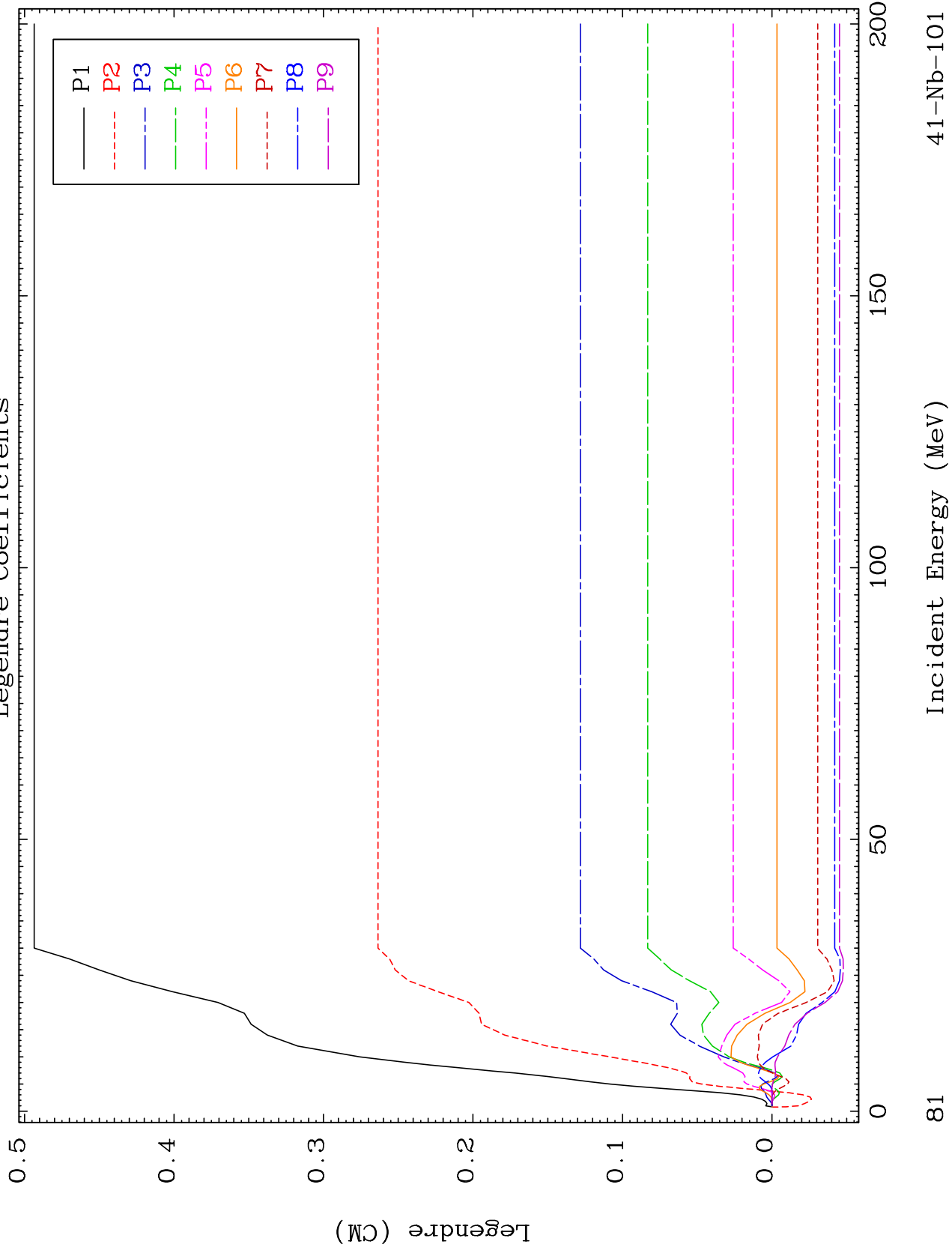




MAT 4149

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

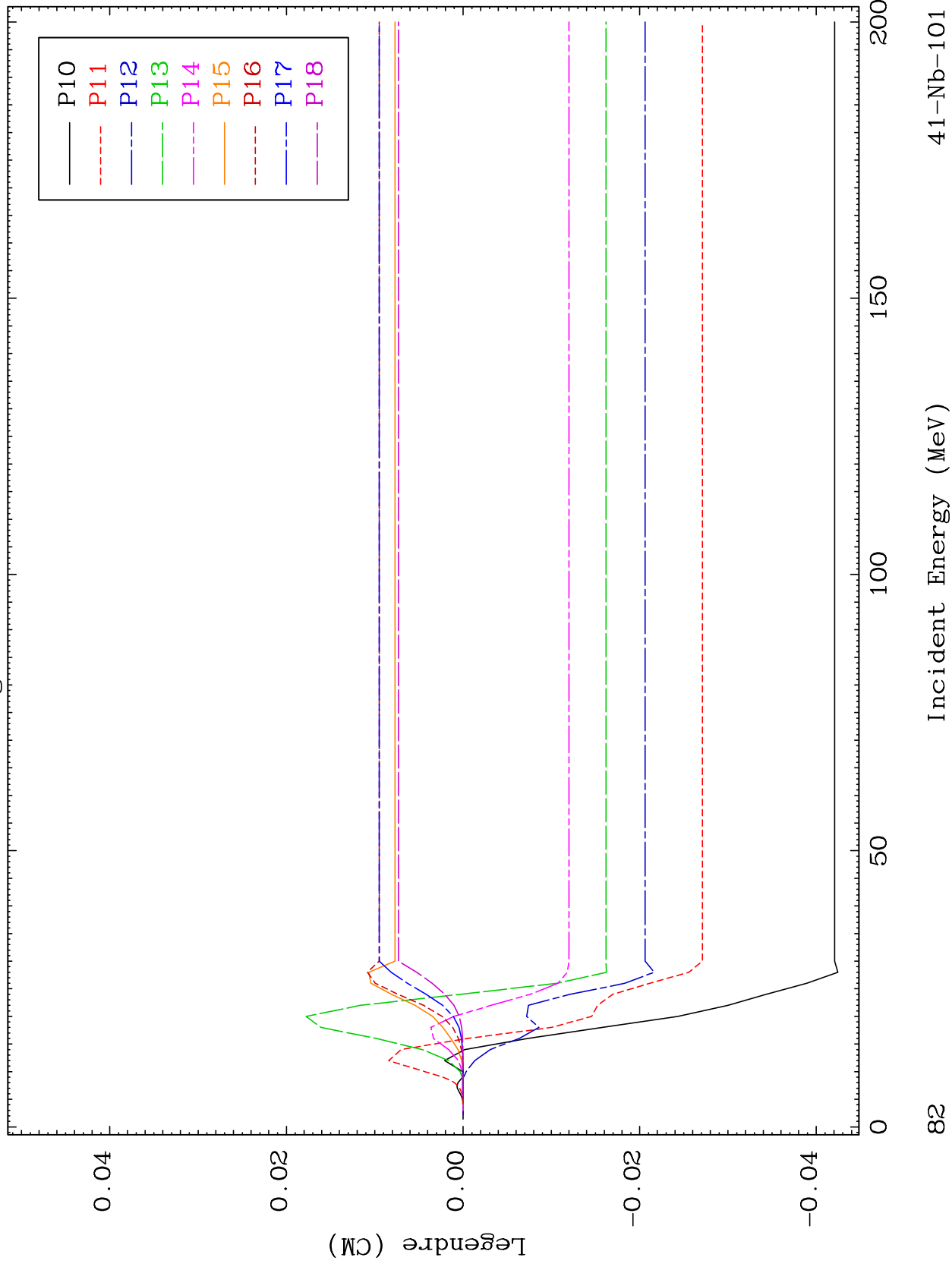
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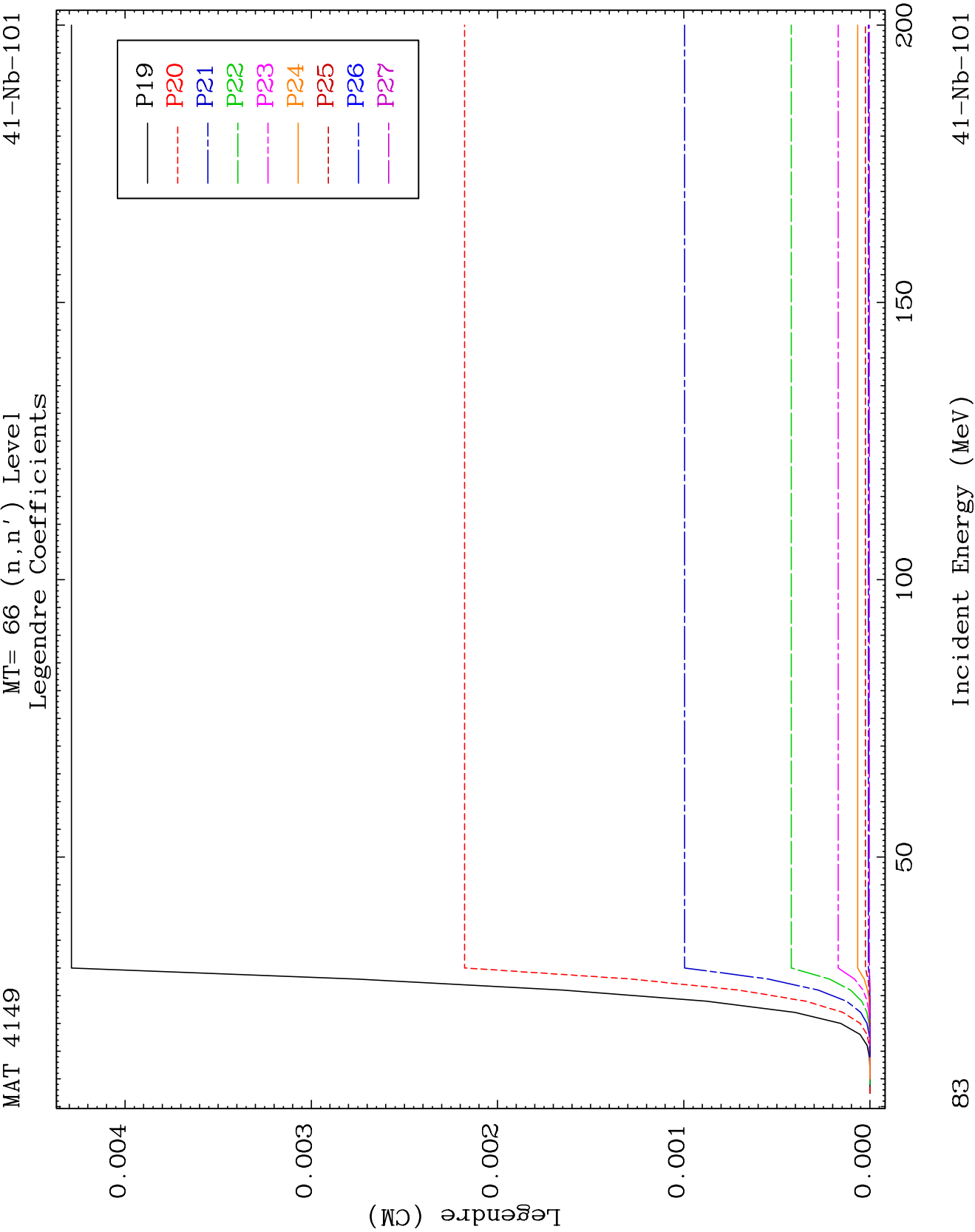


MAT 4149

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

41-Nb-101

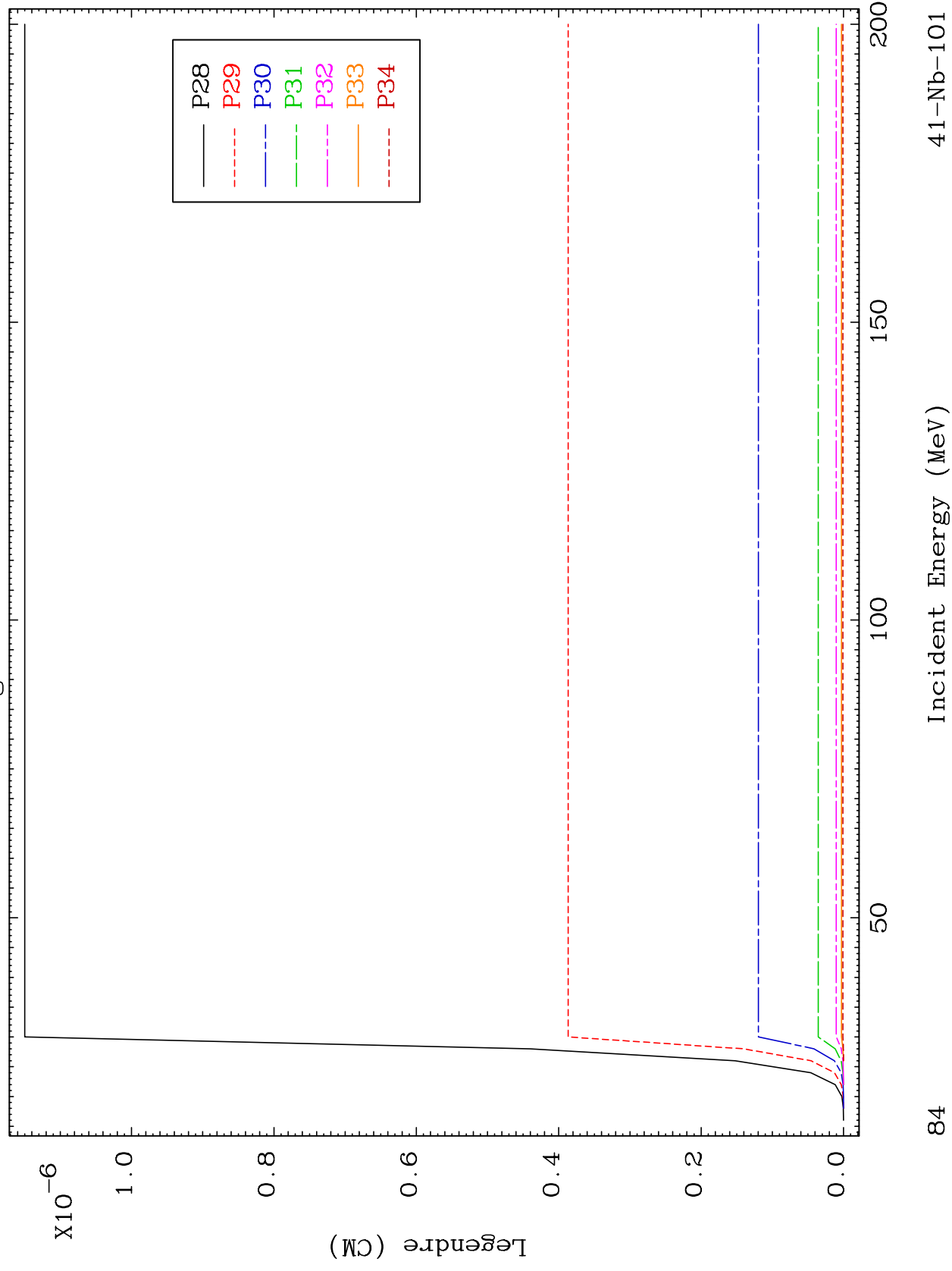


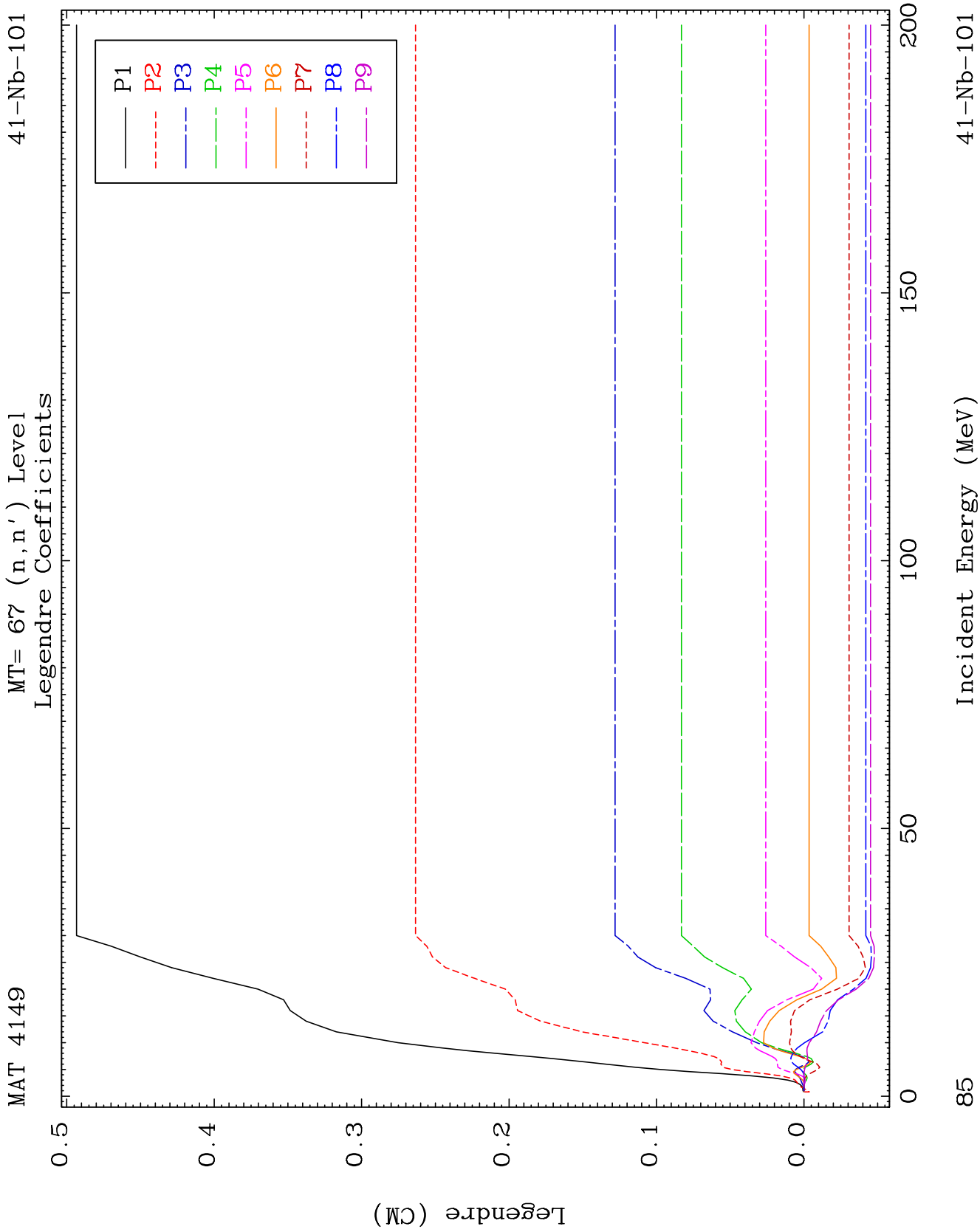


MAT 4149

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

41-Nb-101

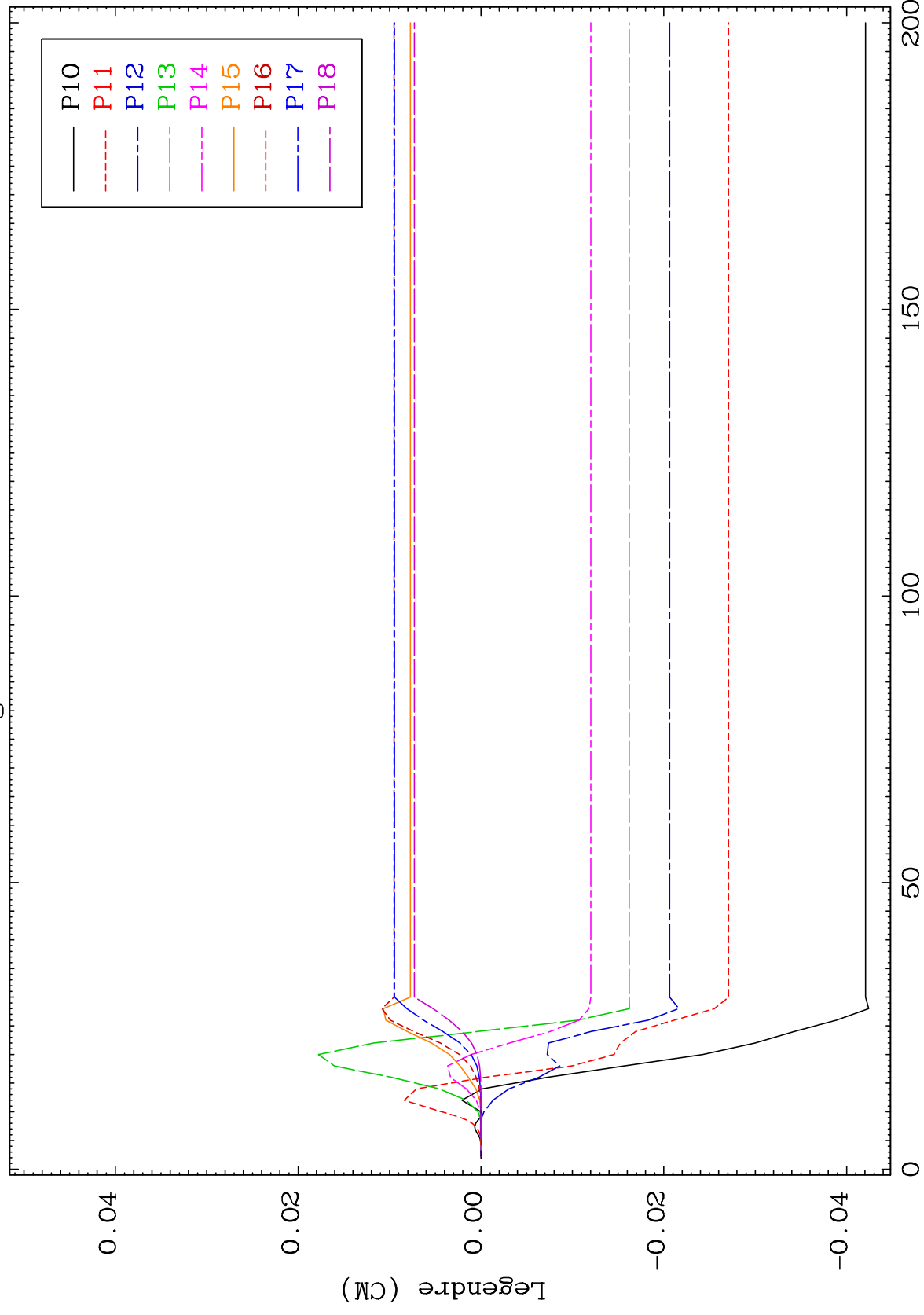




MAT 4149

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

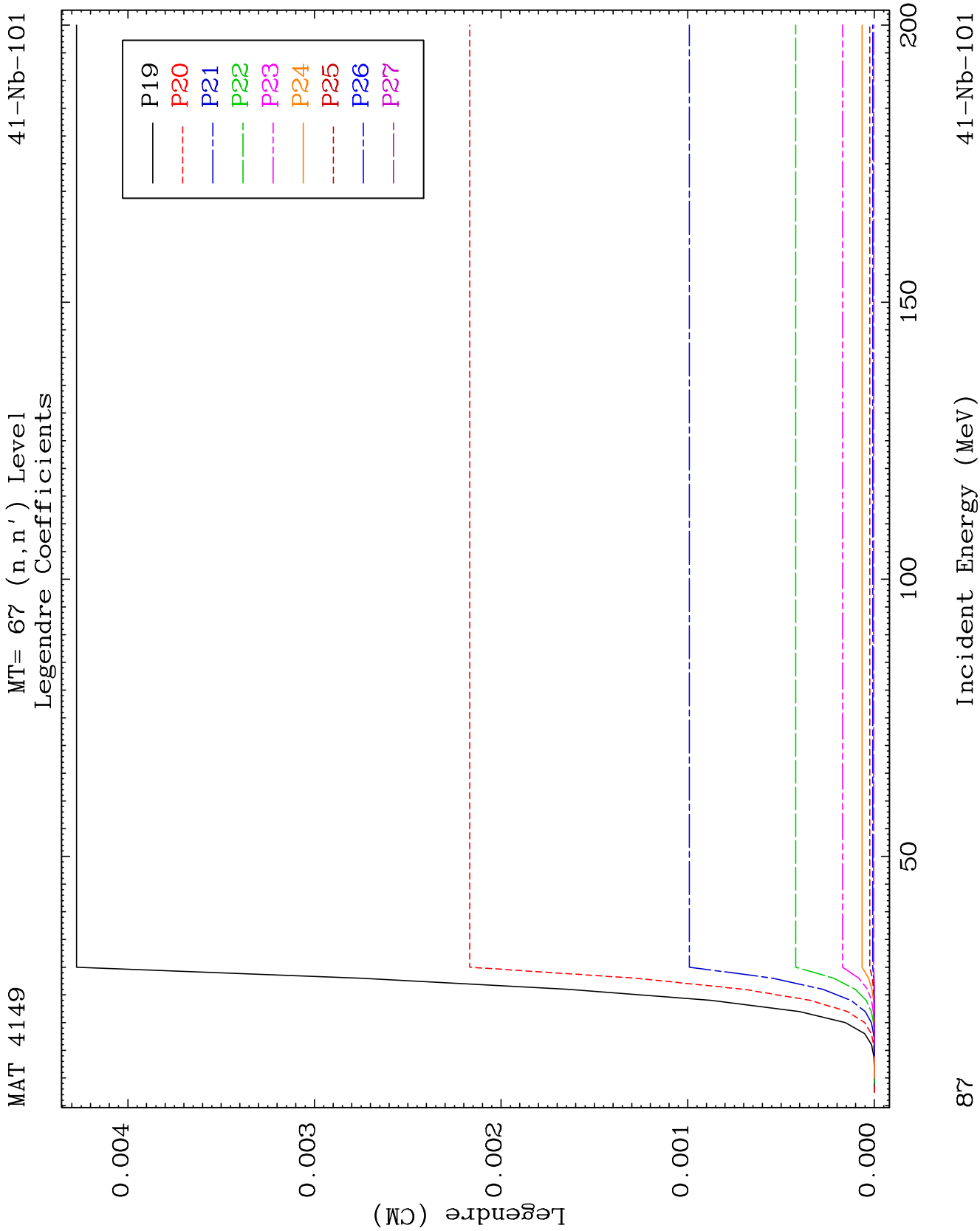
41-Nb-101

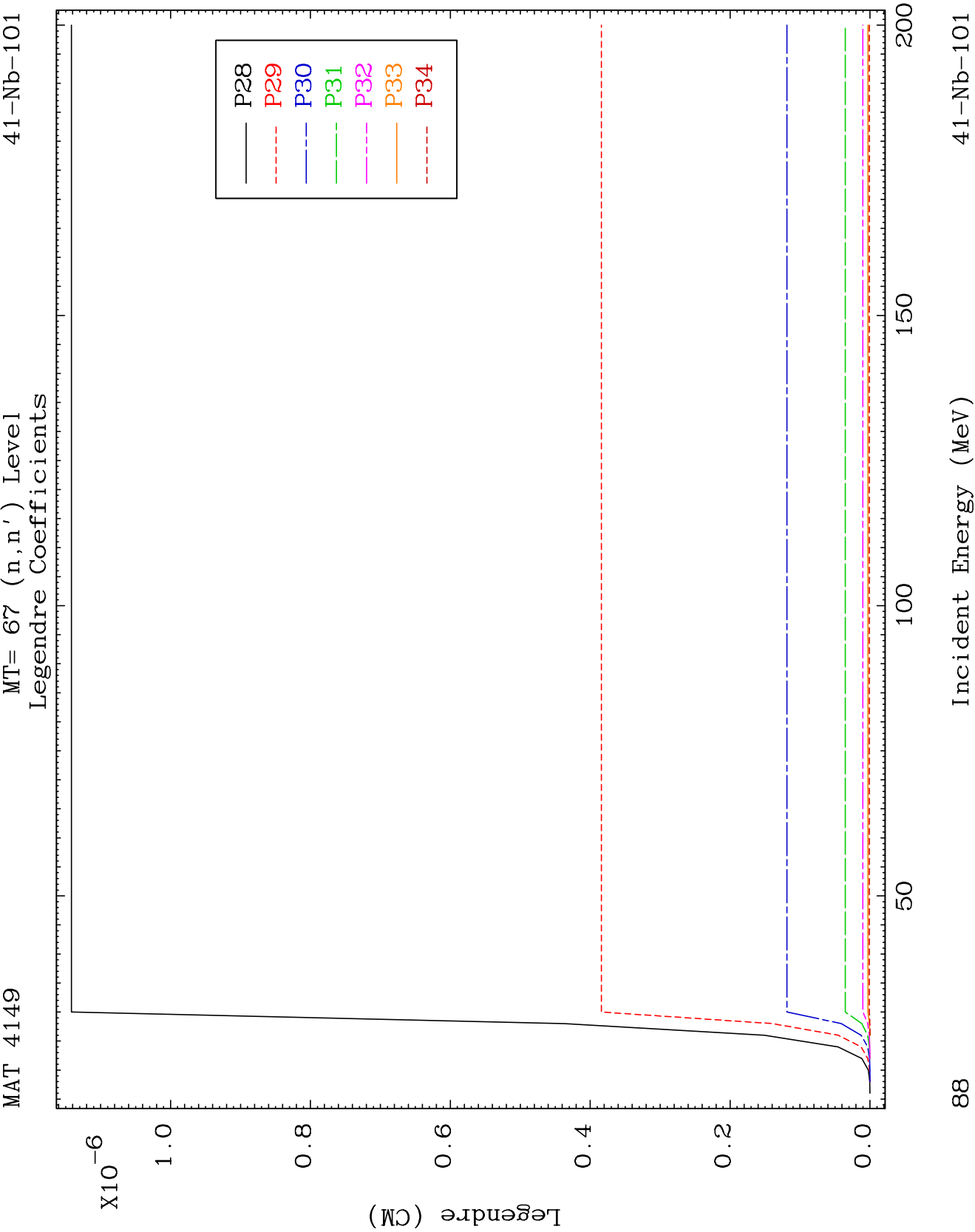


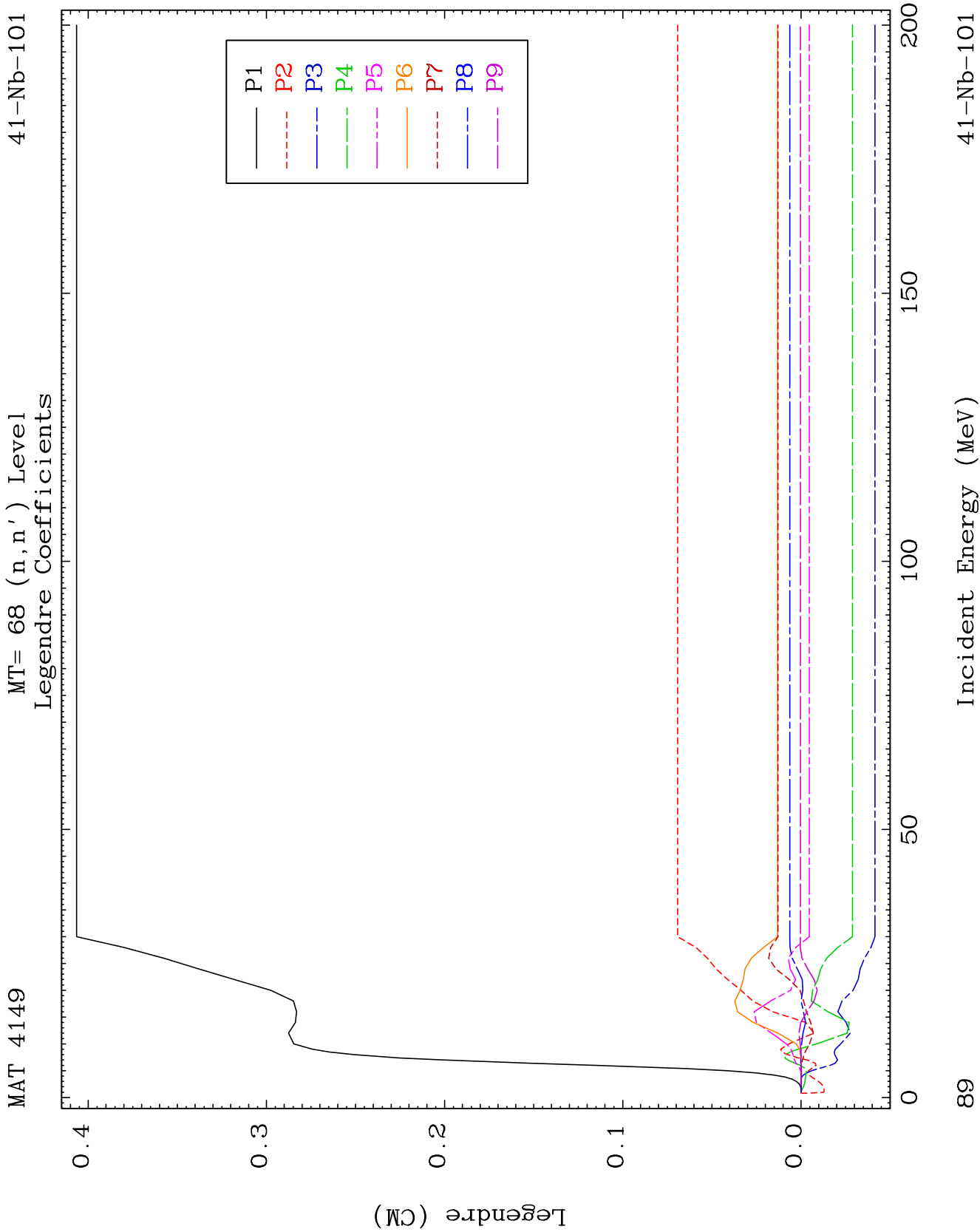
88

Incident Energy (MeV)

41-Nb-101



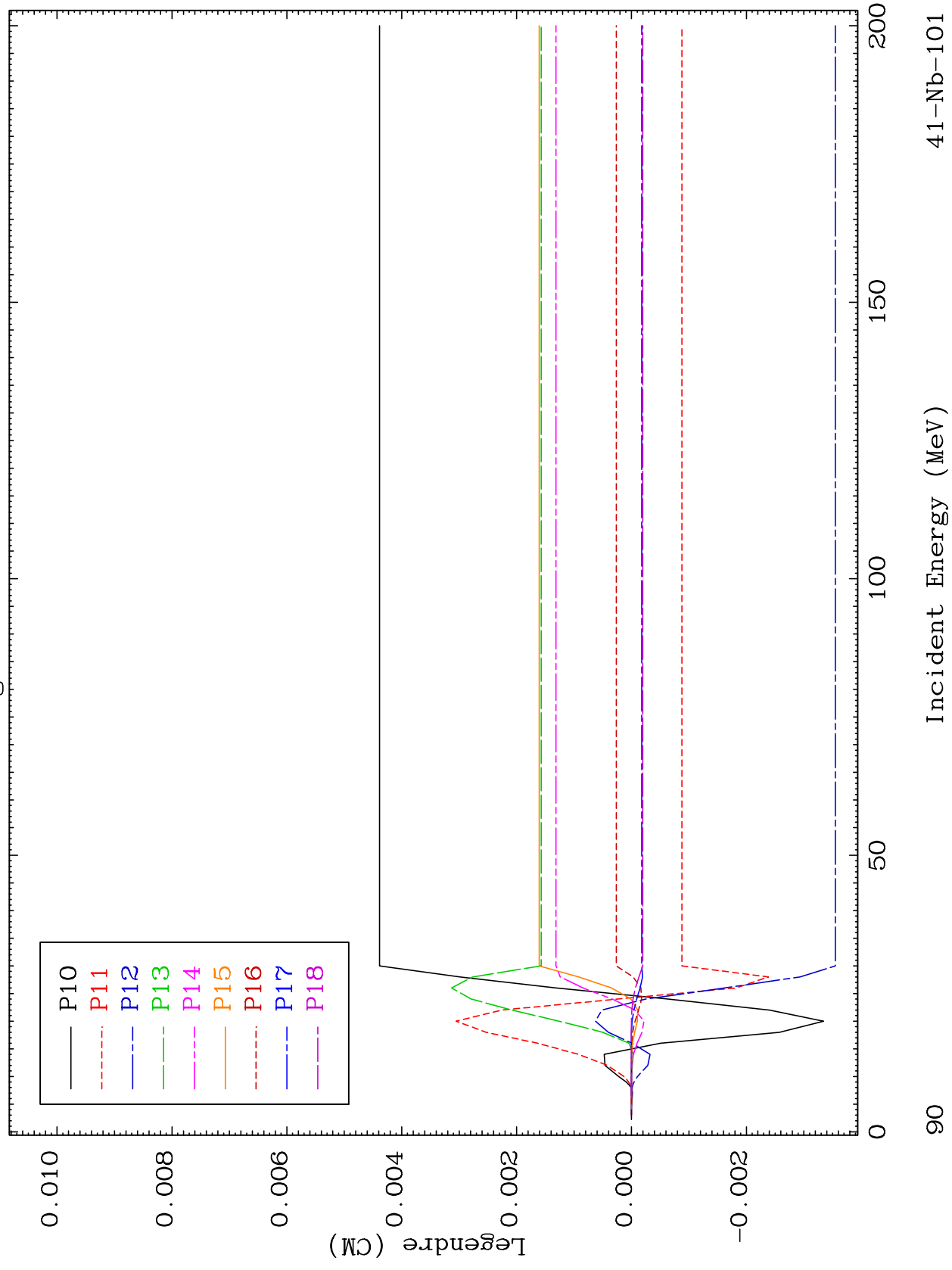


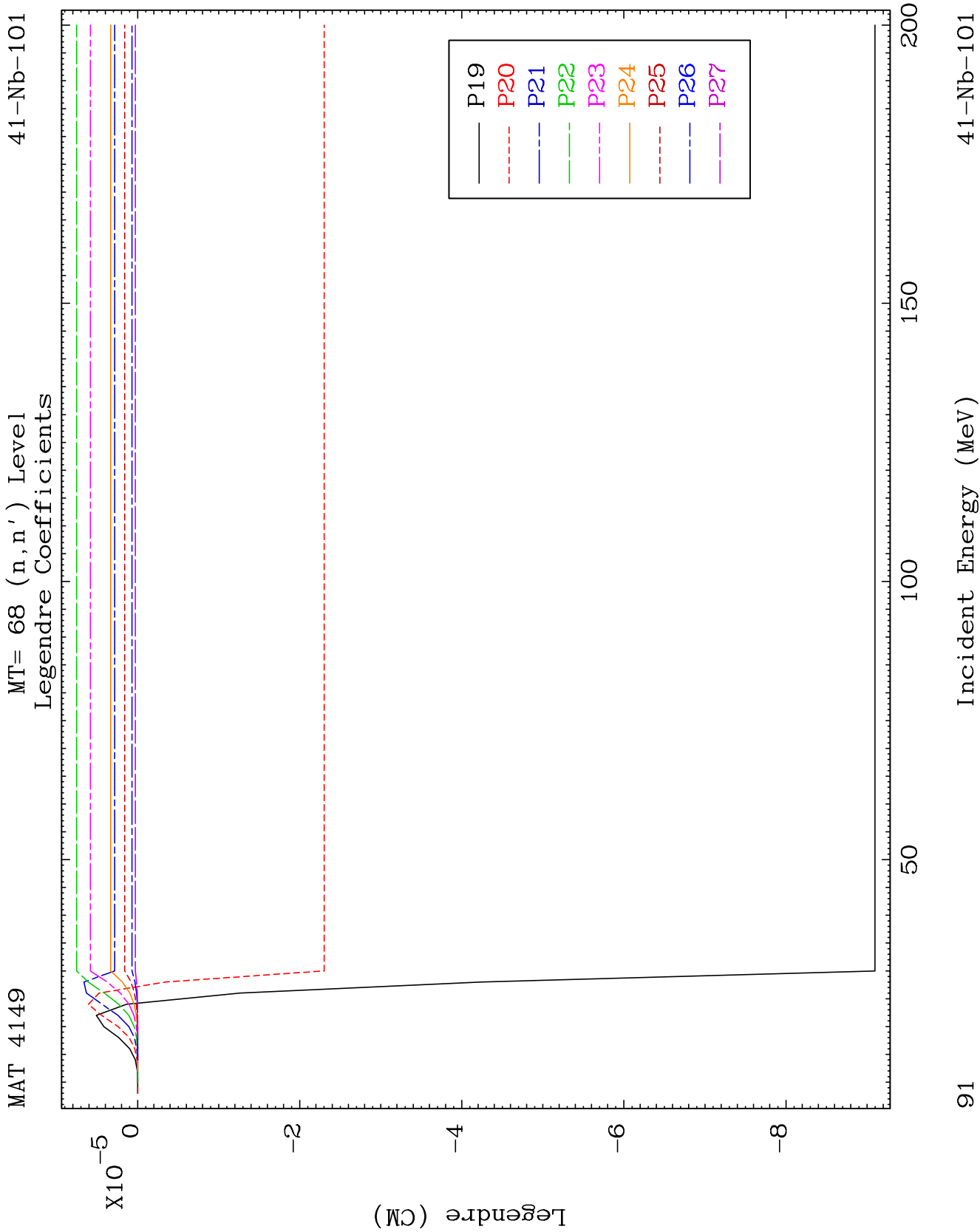


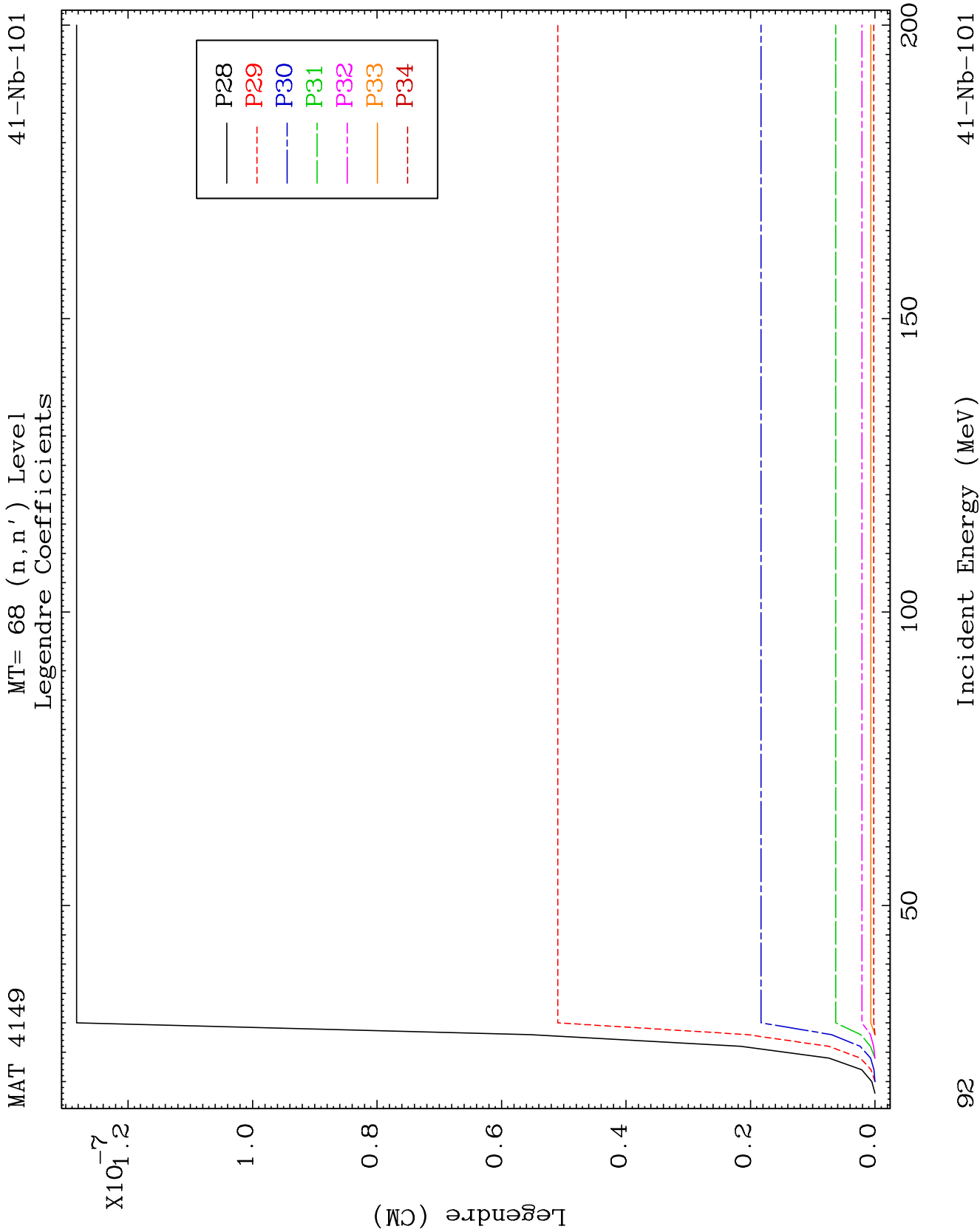
MAT 4149

41-Nb-101

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



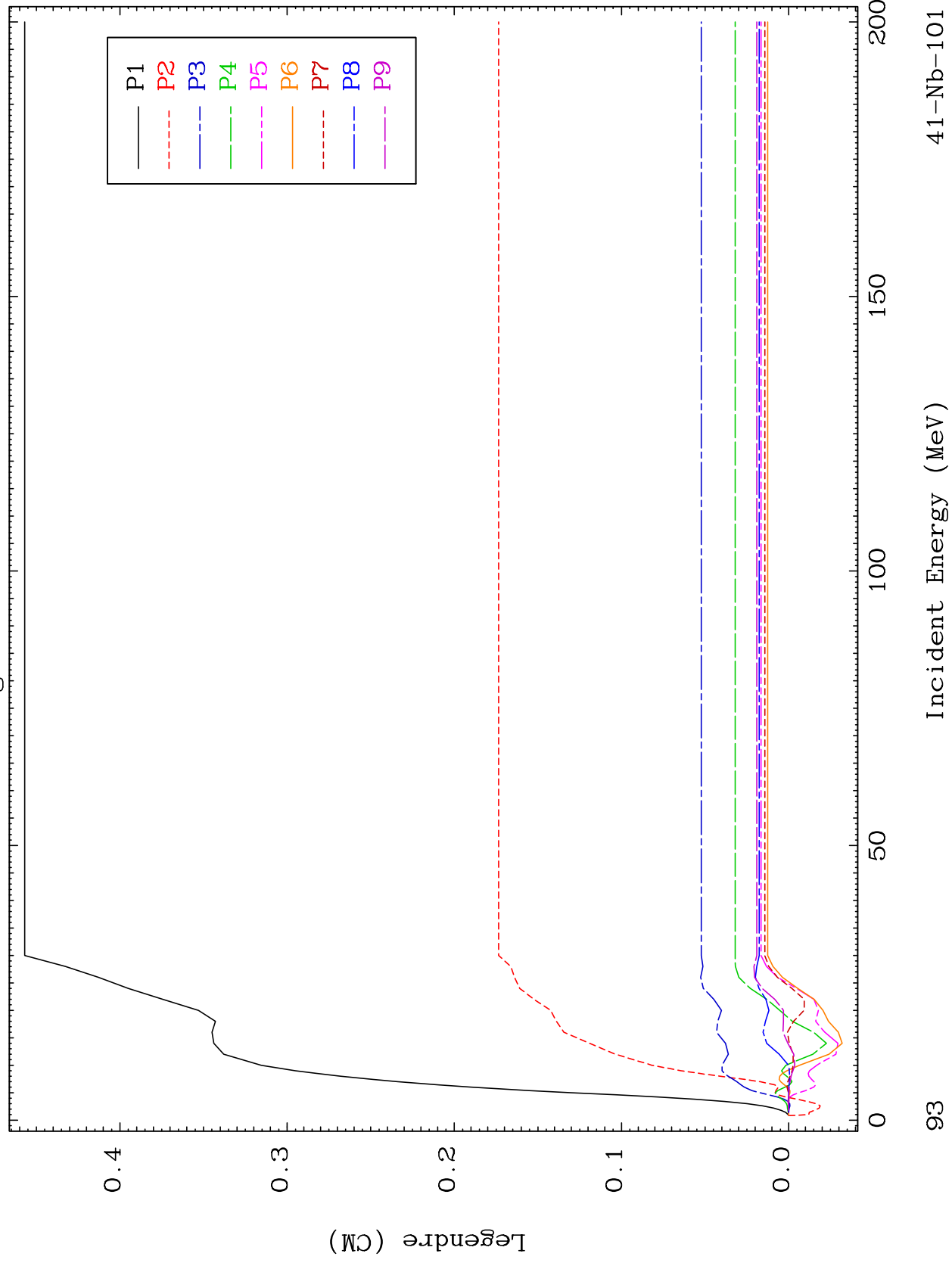




MAT 4149

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

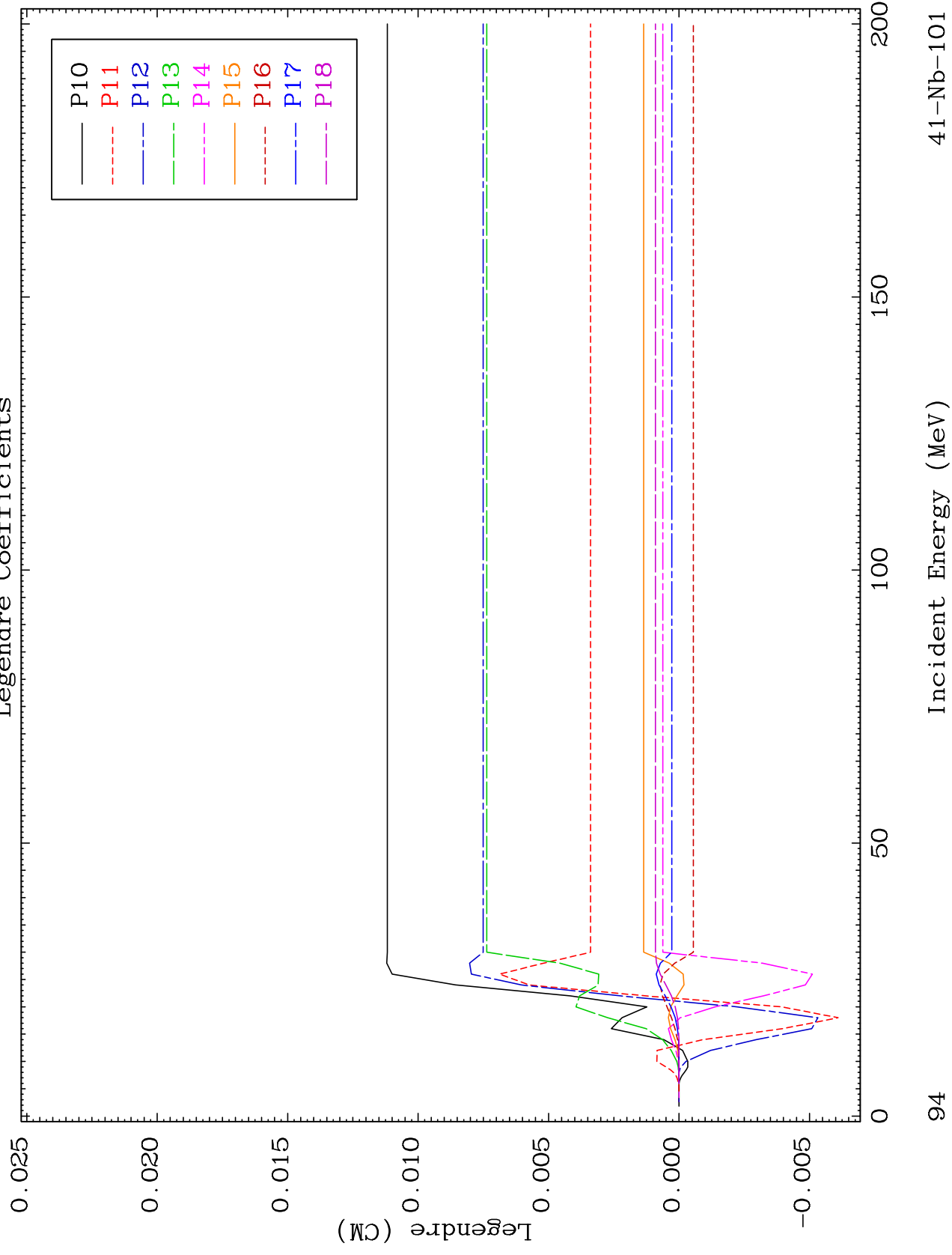
41-Nb-101



MAT 4149

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

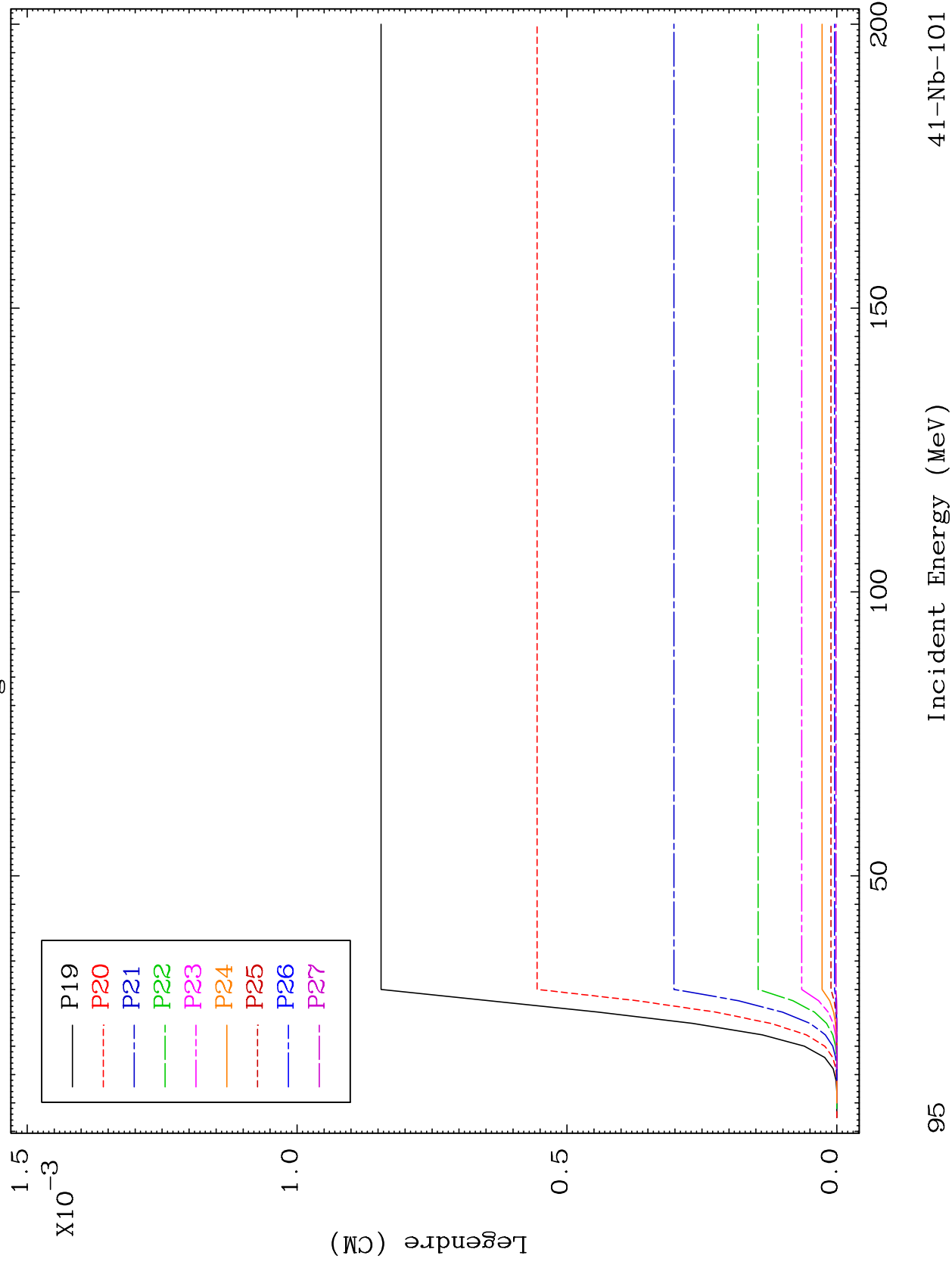
41-Nb-101

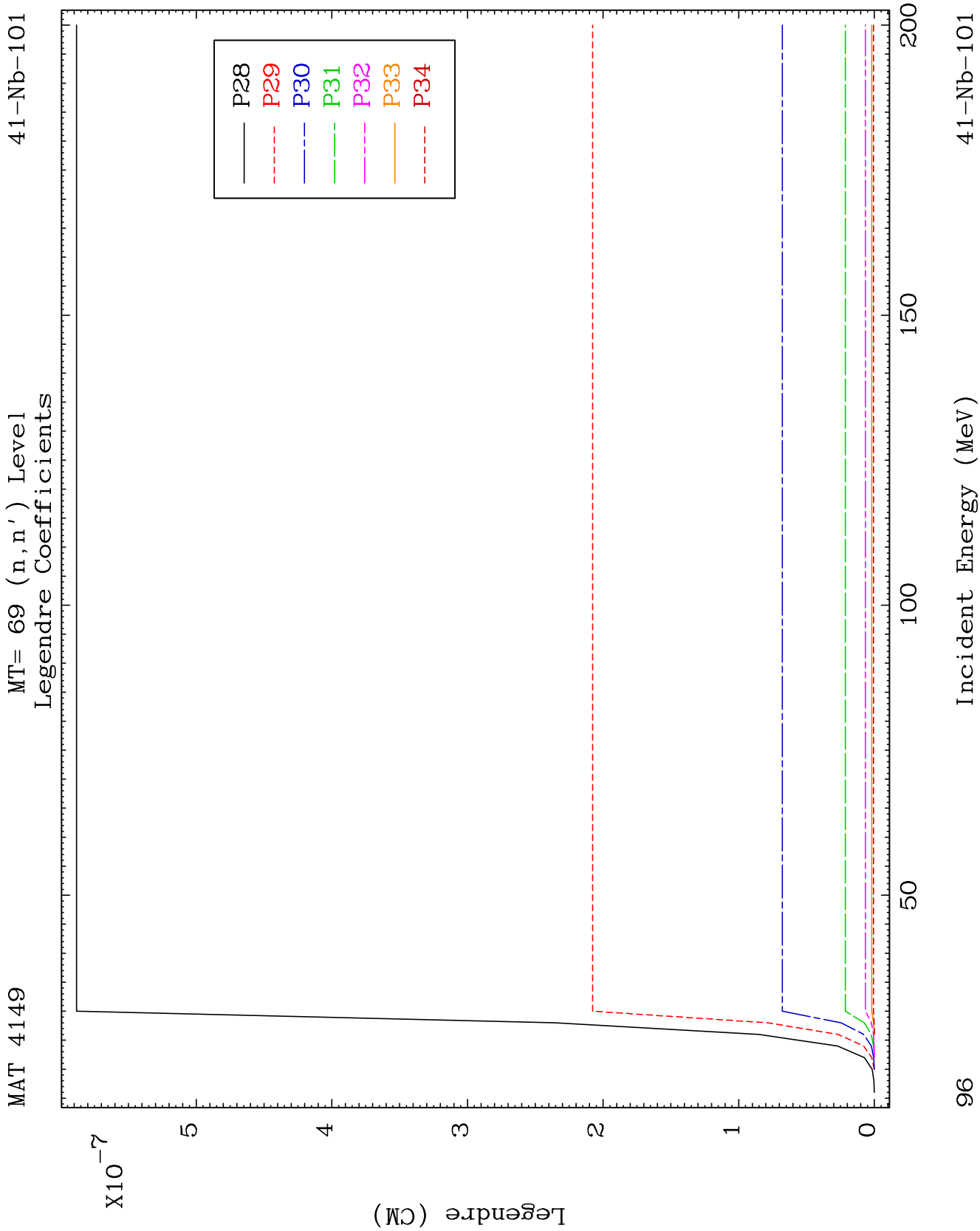


MAT 4149

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

41-Nb-101

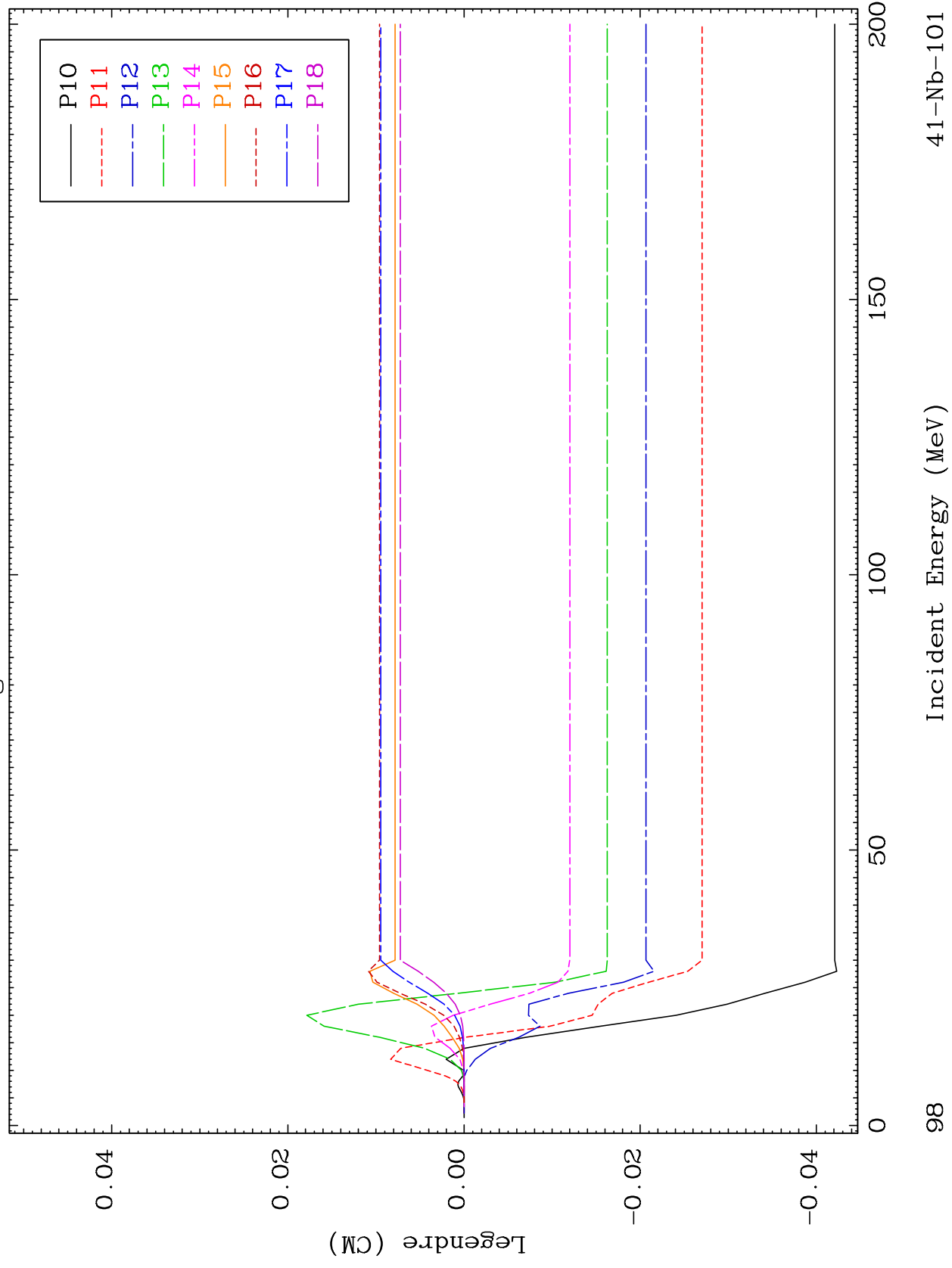


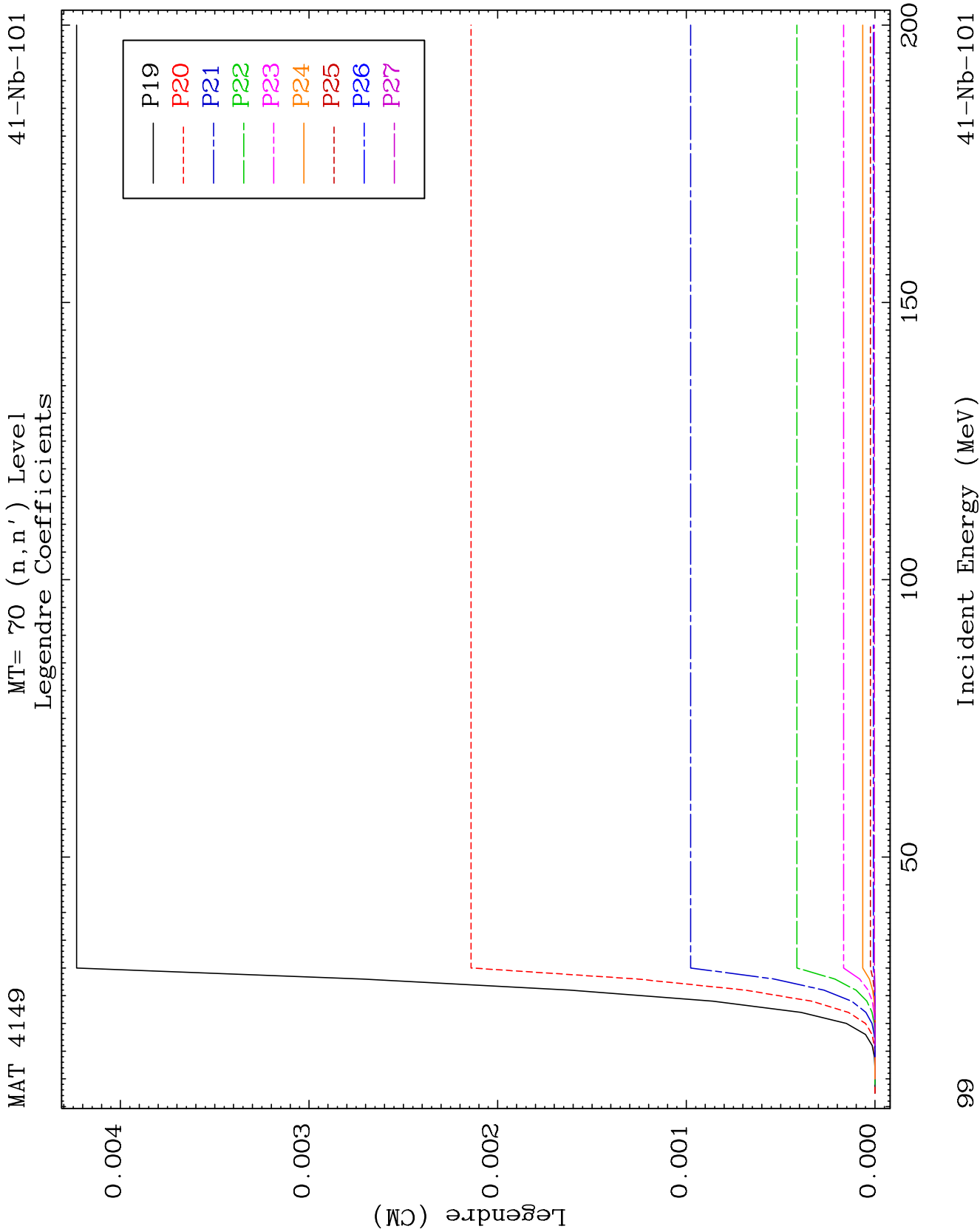


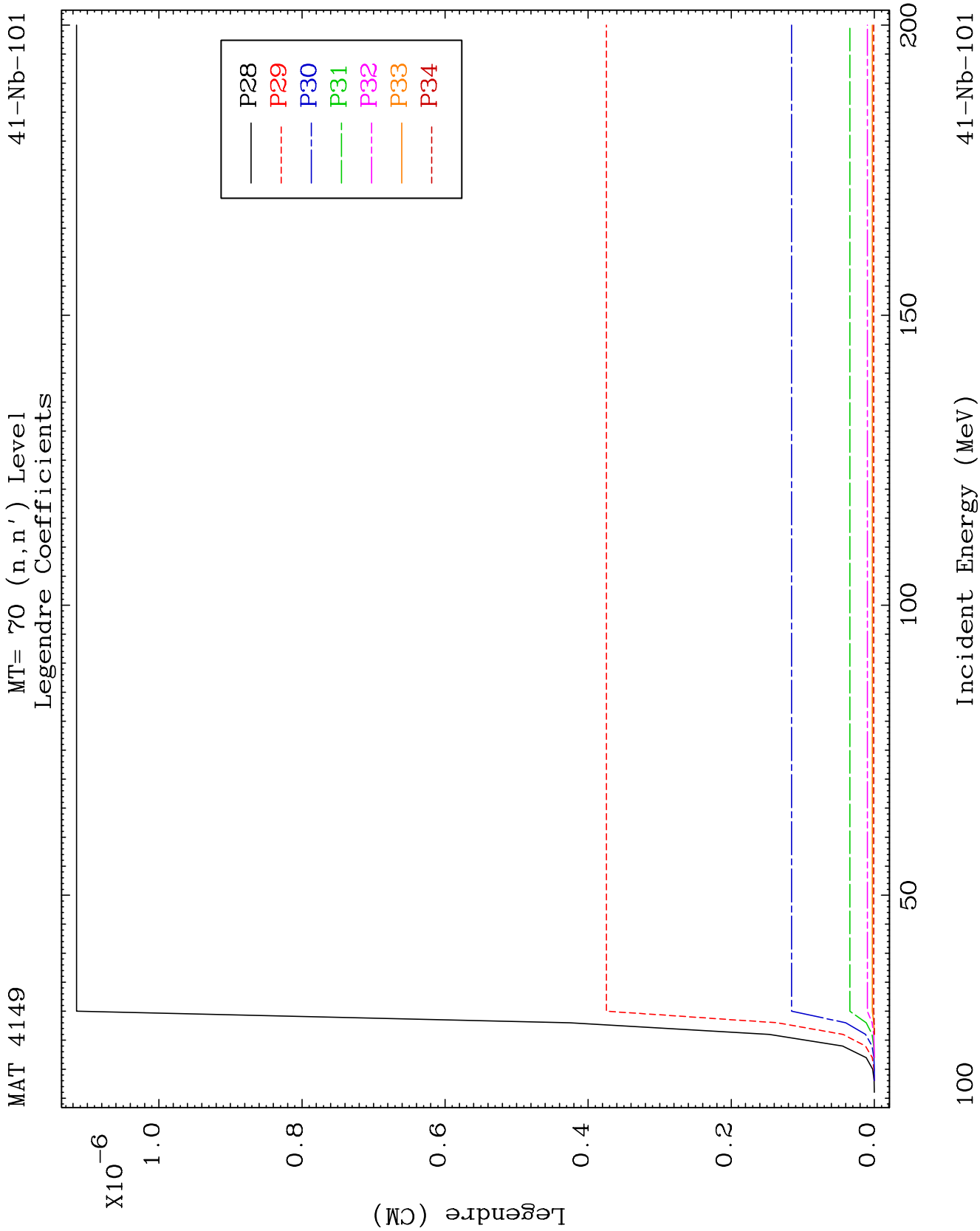
MAT 4149

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

41-Nb-101



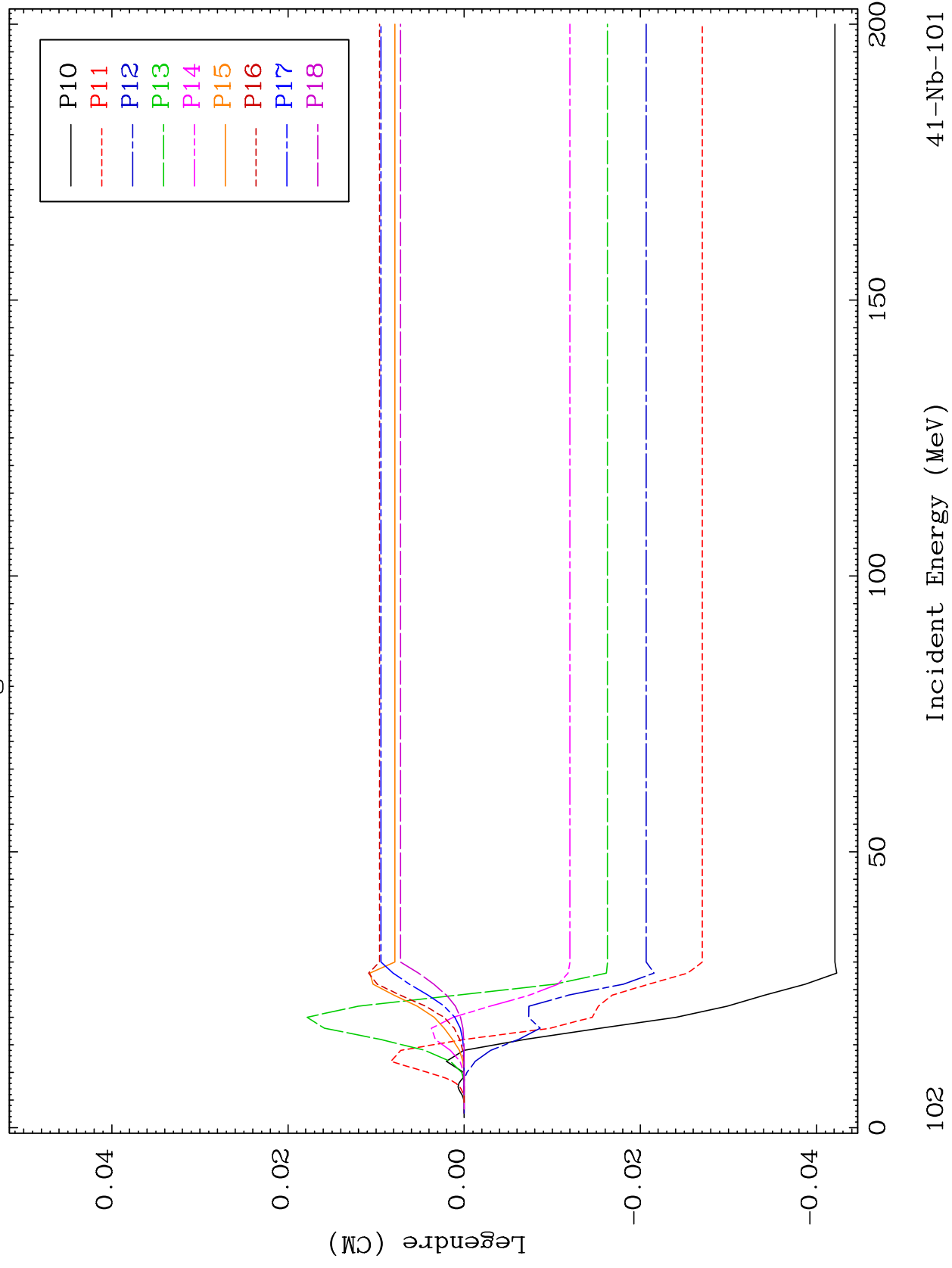


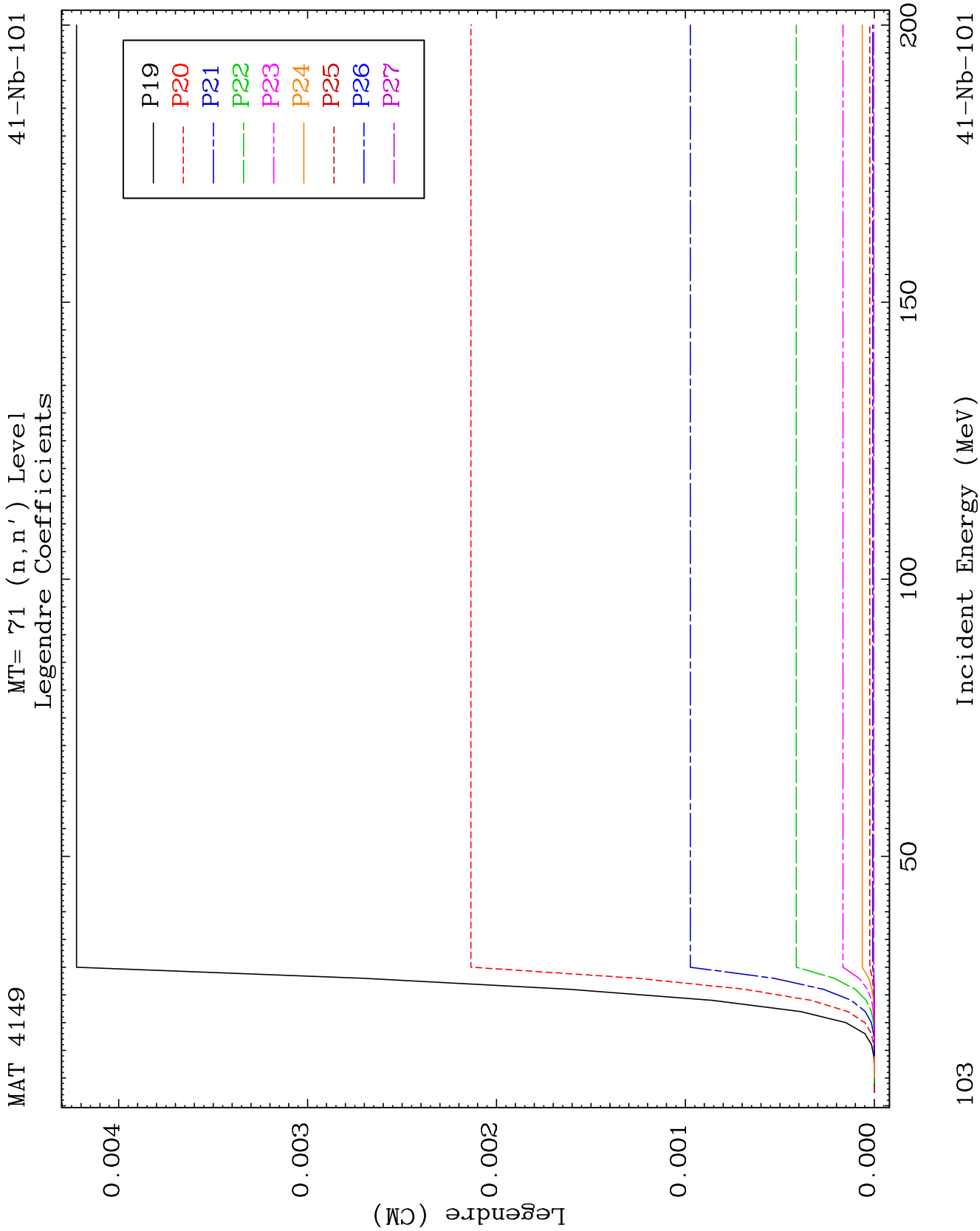


MAT 4149

MT= 71 (n, n') Level
Legendre Coefficients

41-Nb-101

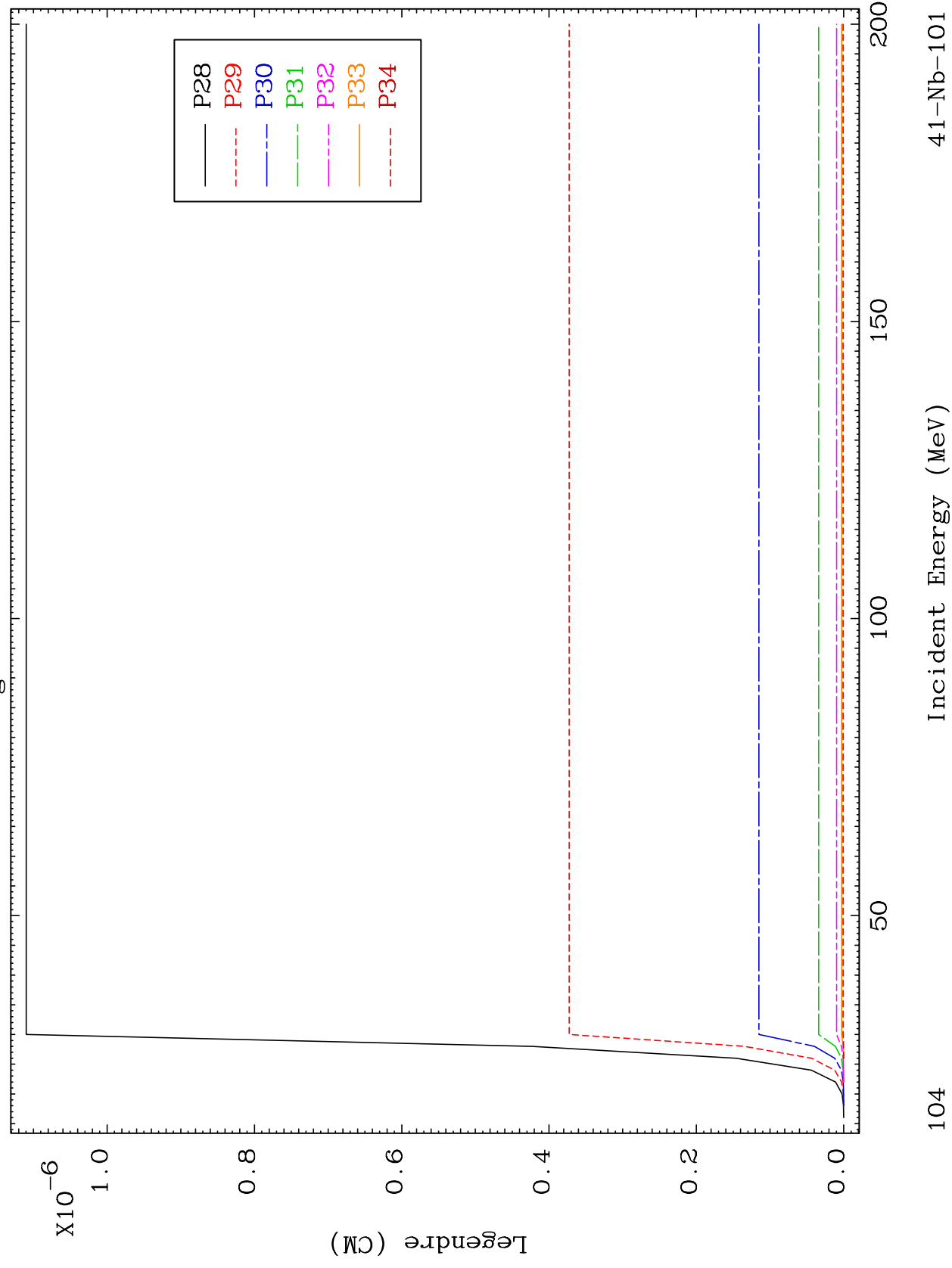


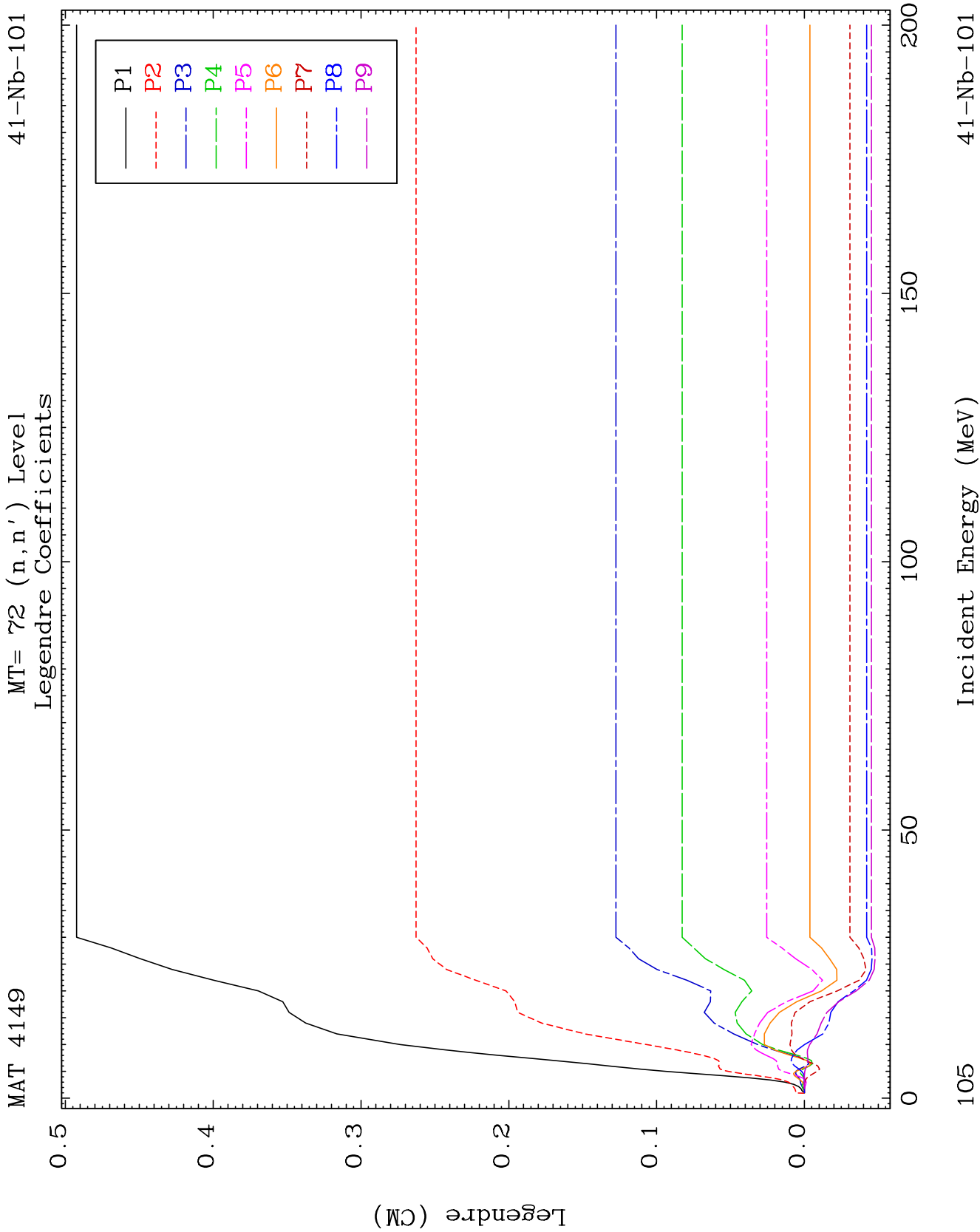


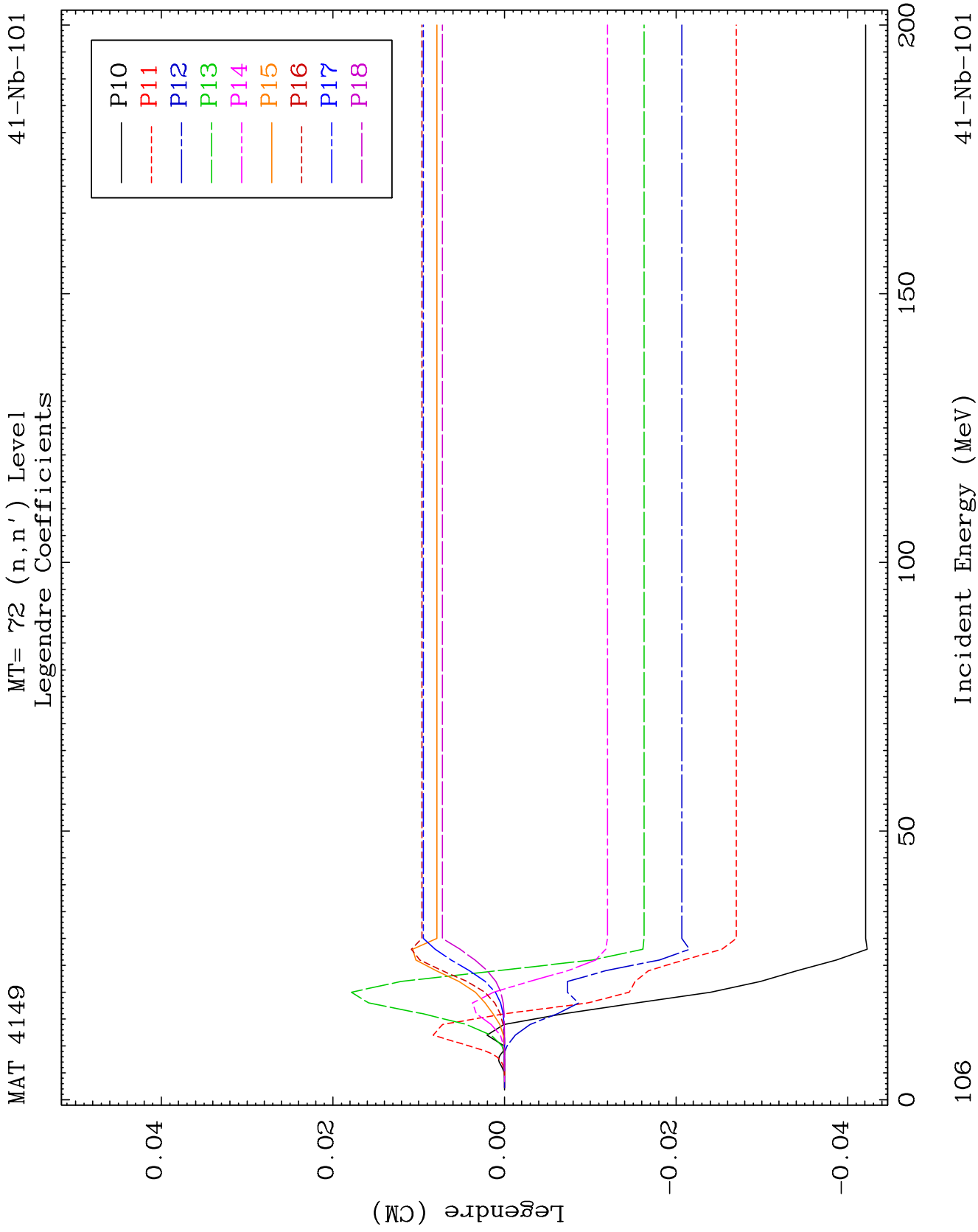
MAT 4149

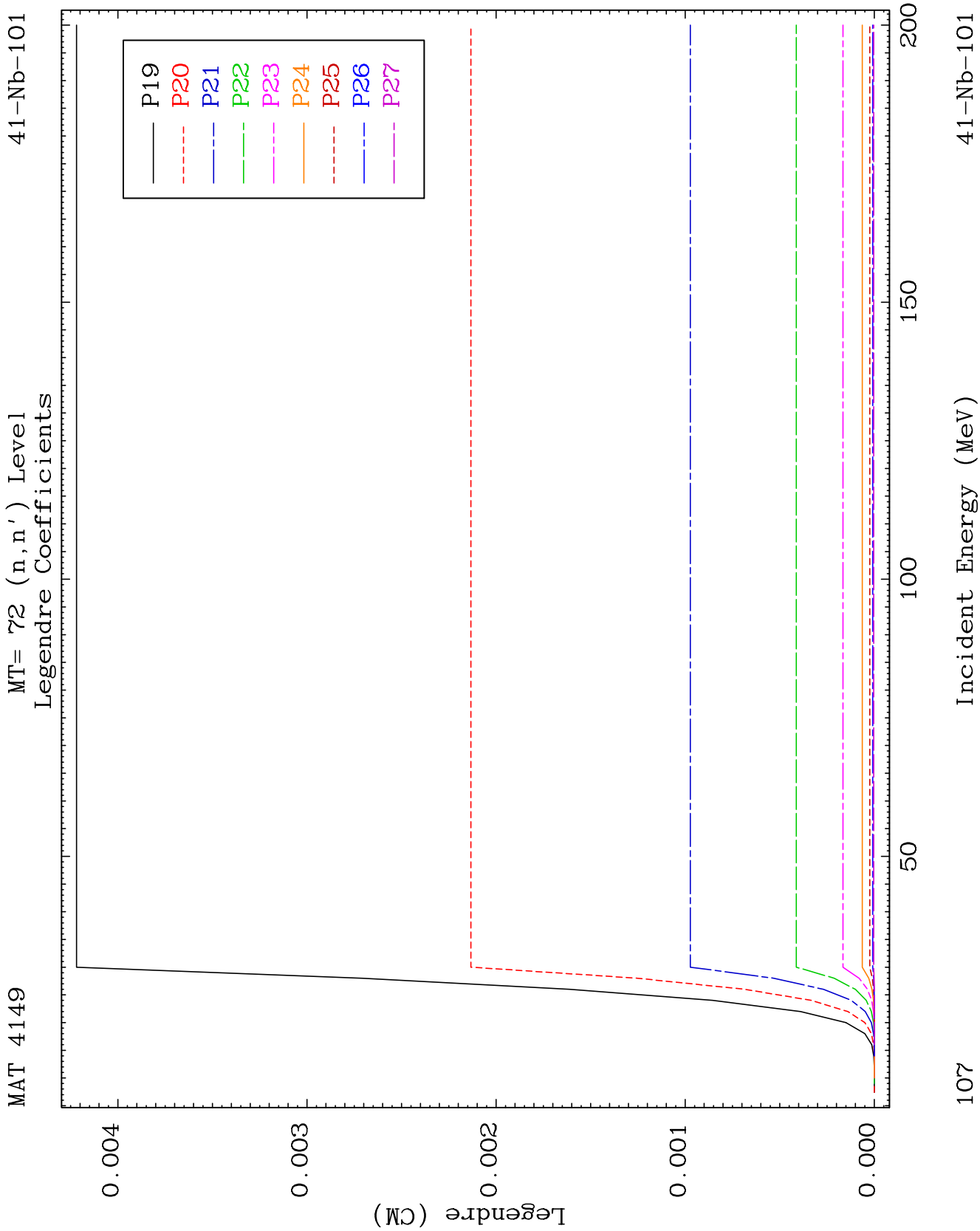
MT= 71 (n, n') Level
Legendre Coefficients

41-Nb-101





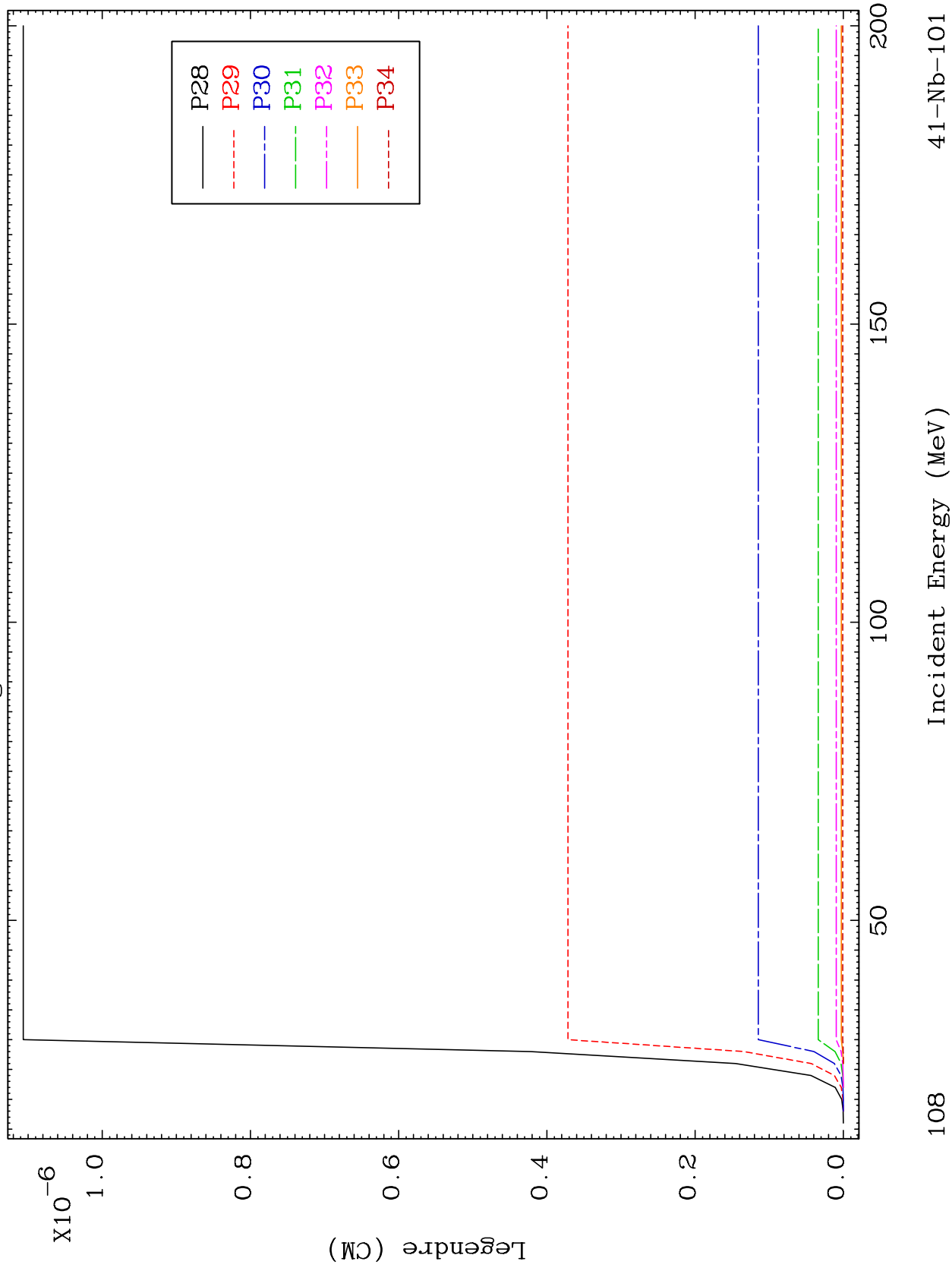




MAT 4149

MT= 72 (n, n') Level
Legendre Coefficients

41-Nb-101

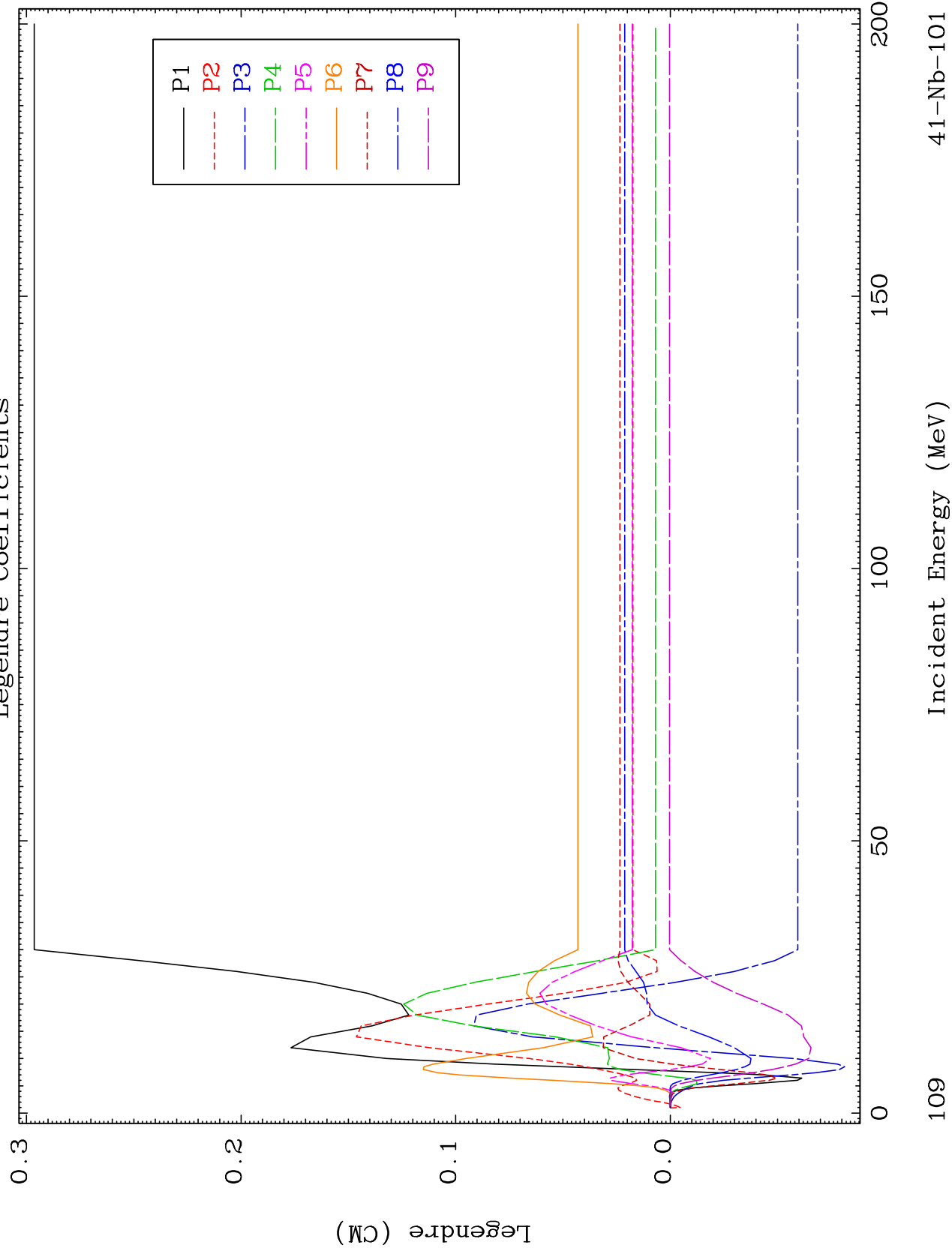


MAT 4149

MT= 73 (n, n') Level

41-Nb-101

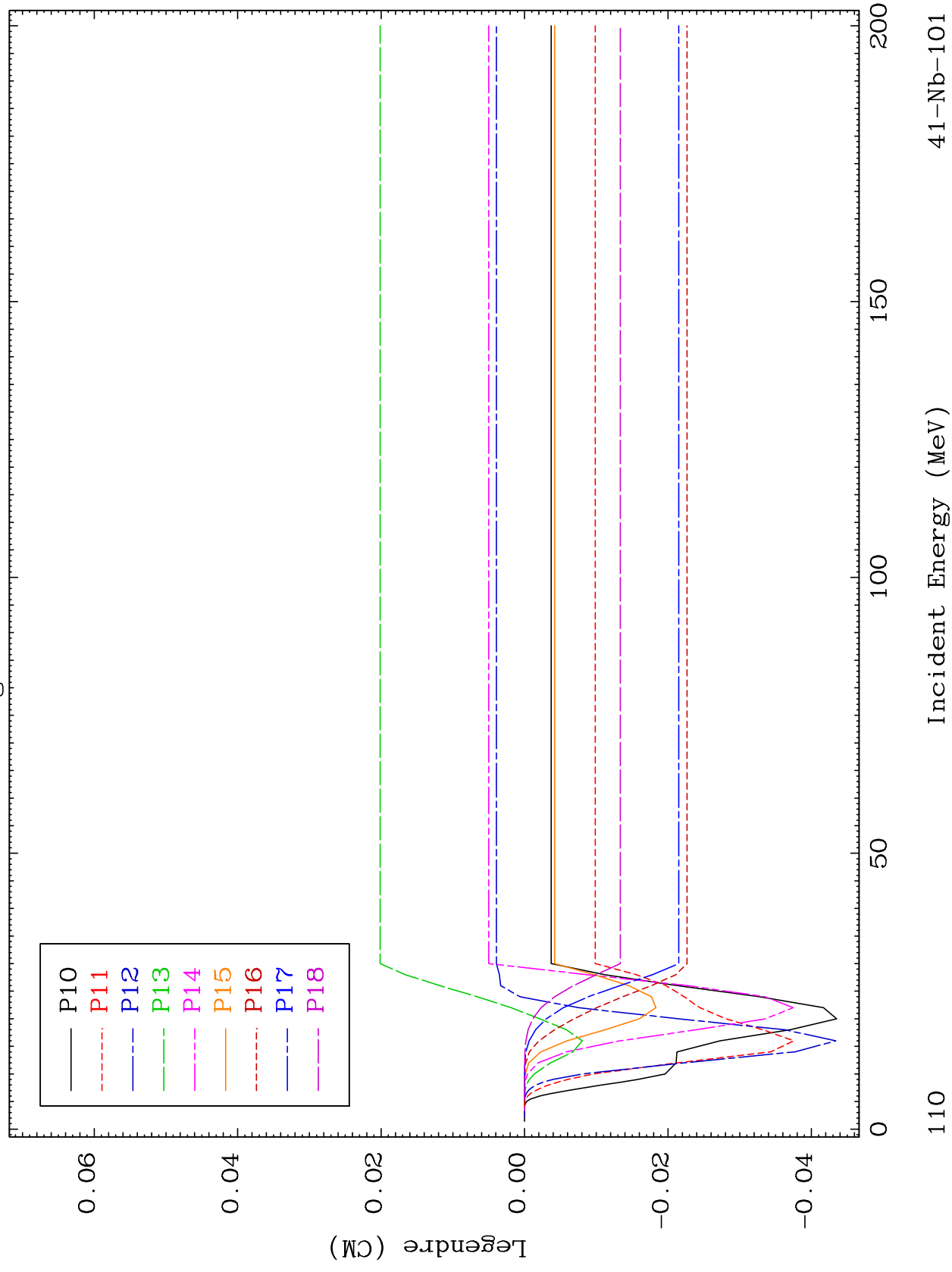
Legendre Coefficients

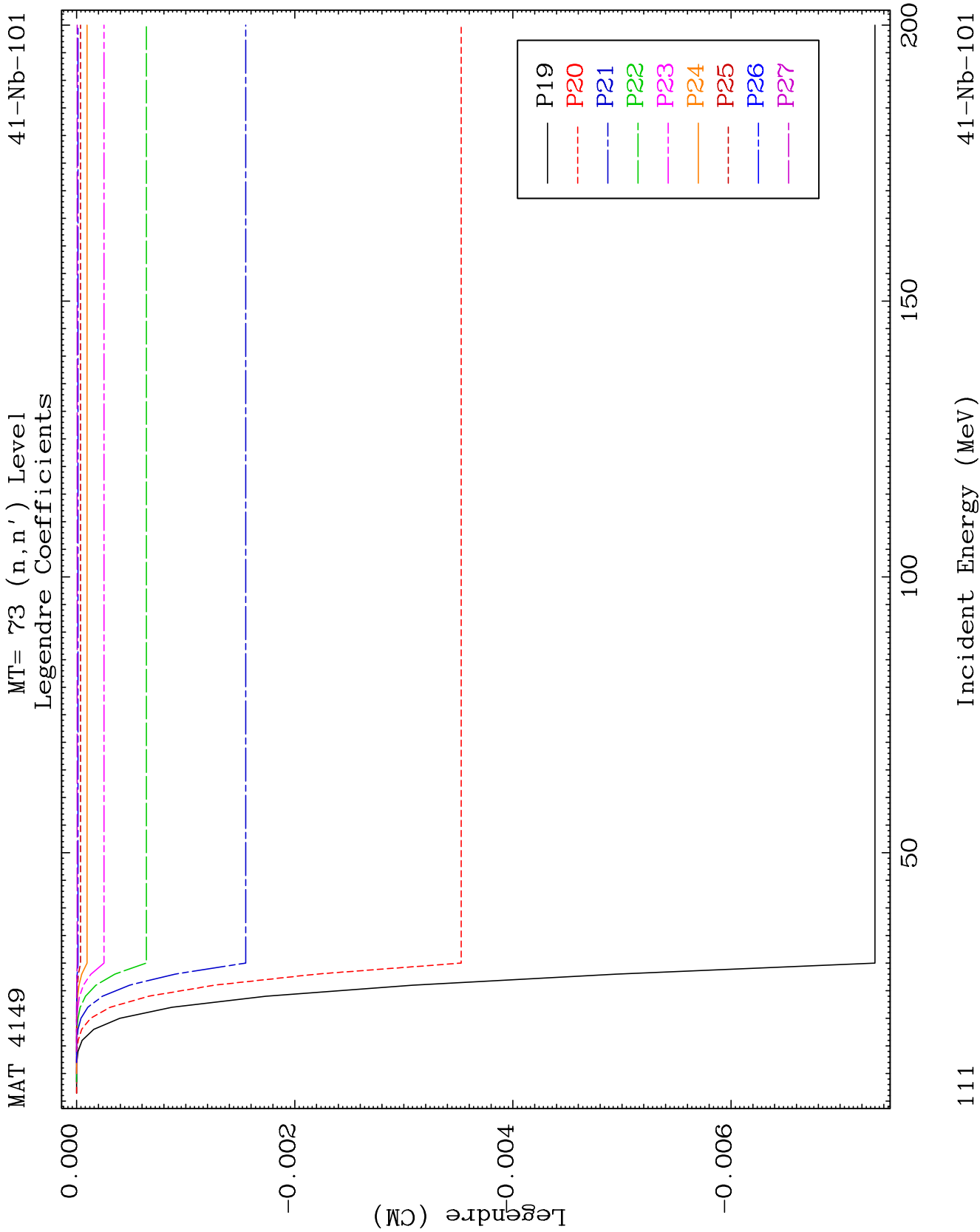


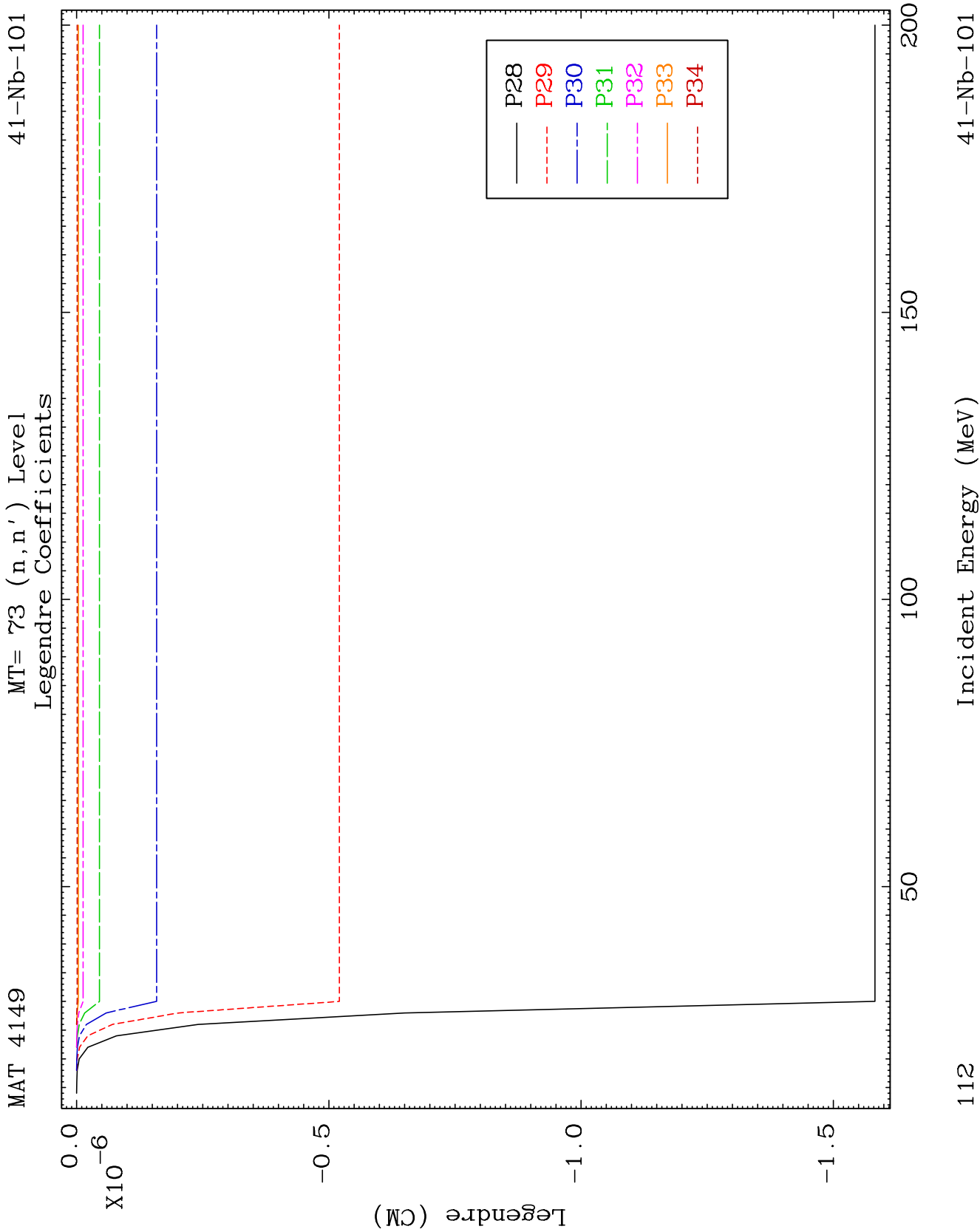
MAT 4149

41-Nb-101

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





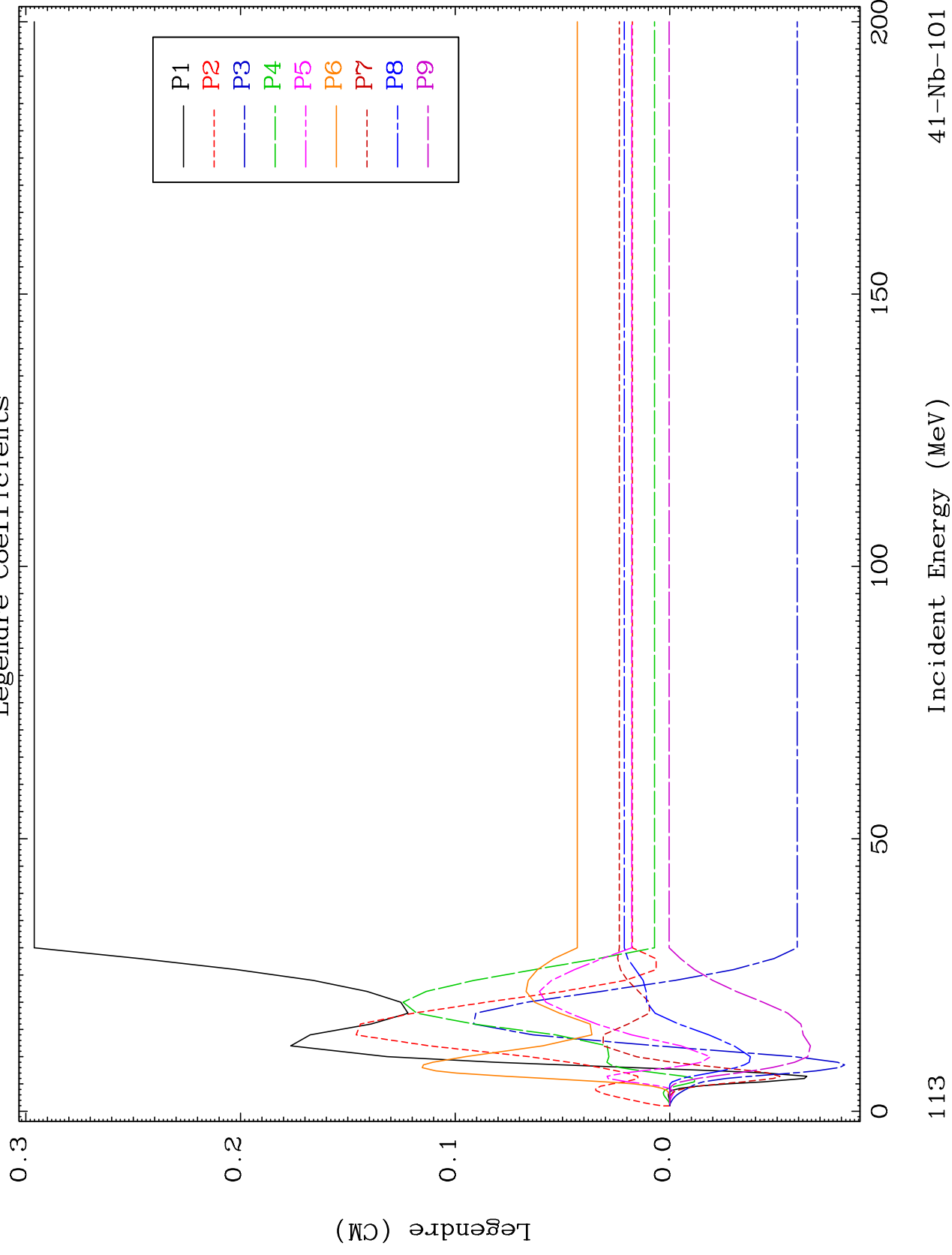


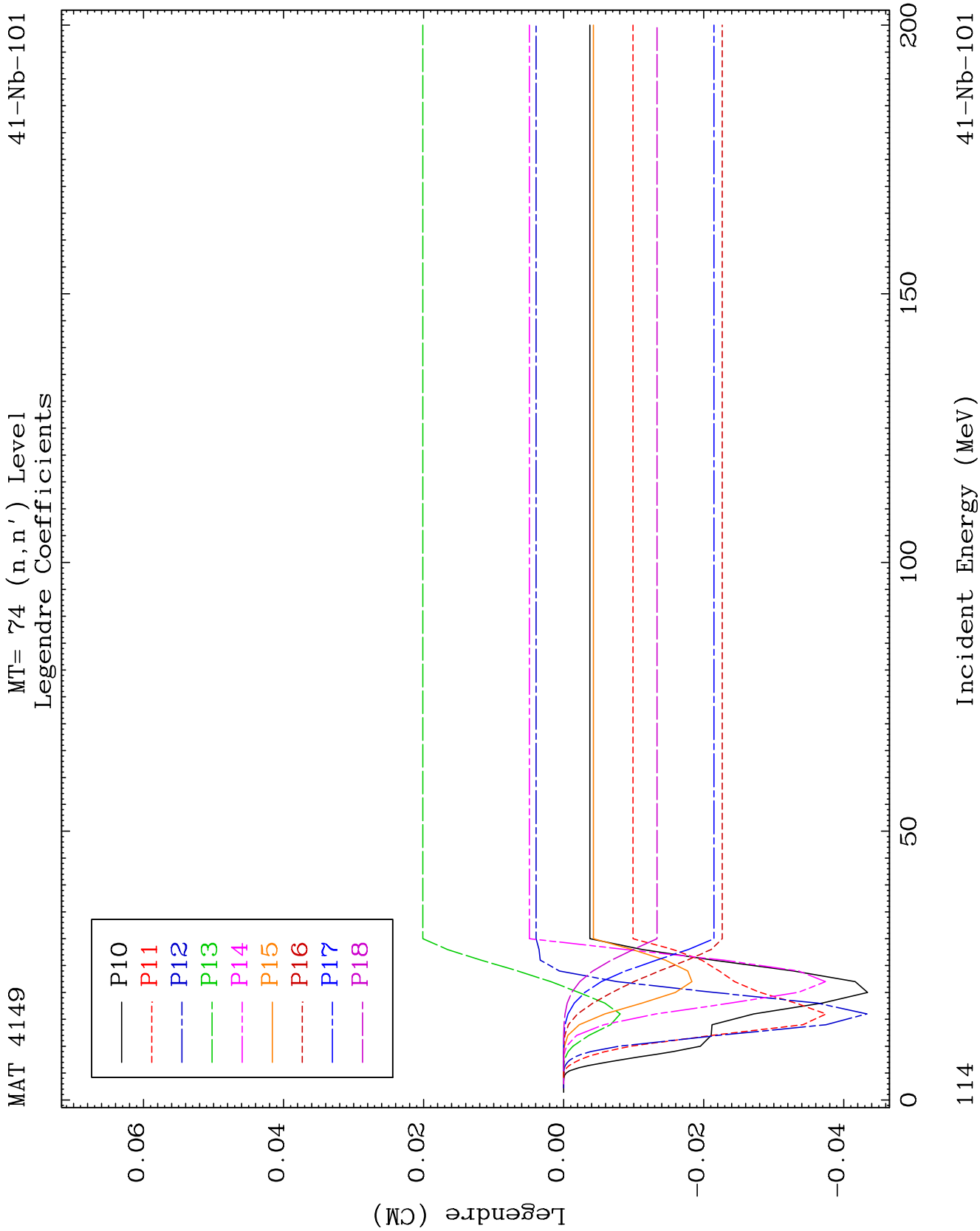
MAT 4149

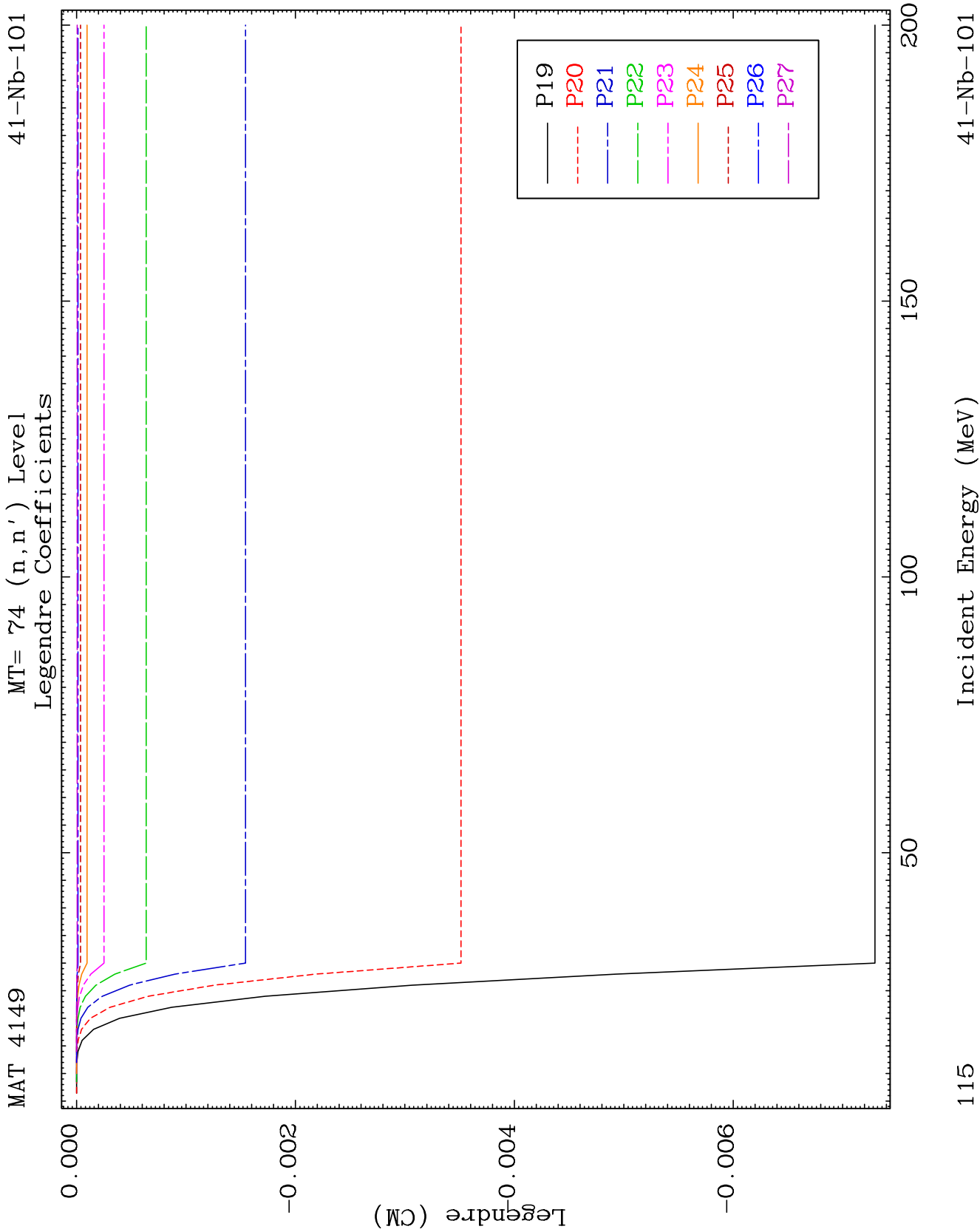
MT=74 (n,n') Level

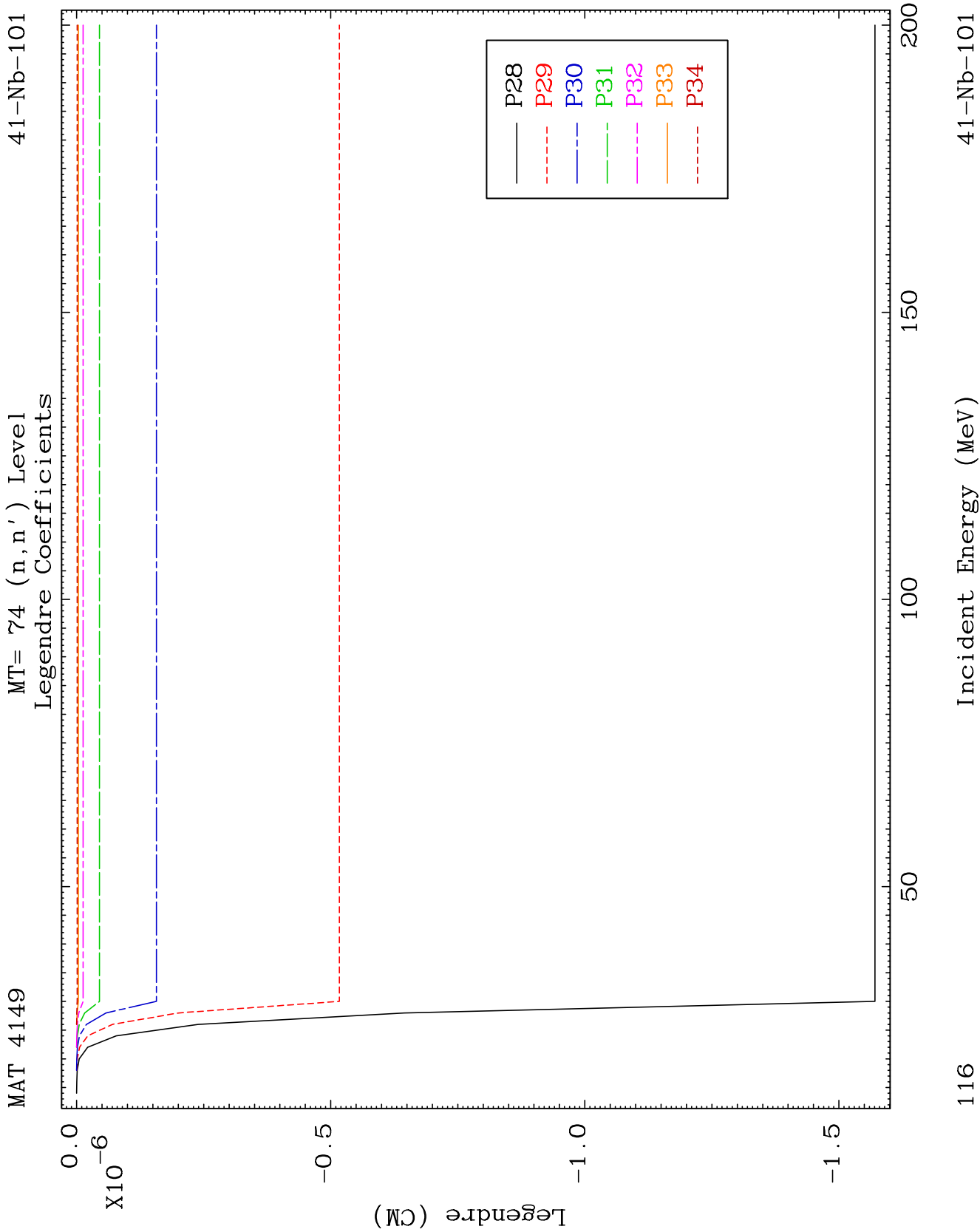
41-Nb-101

Legendre Coefficients





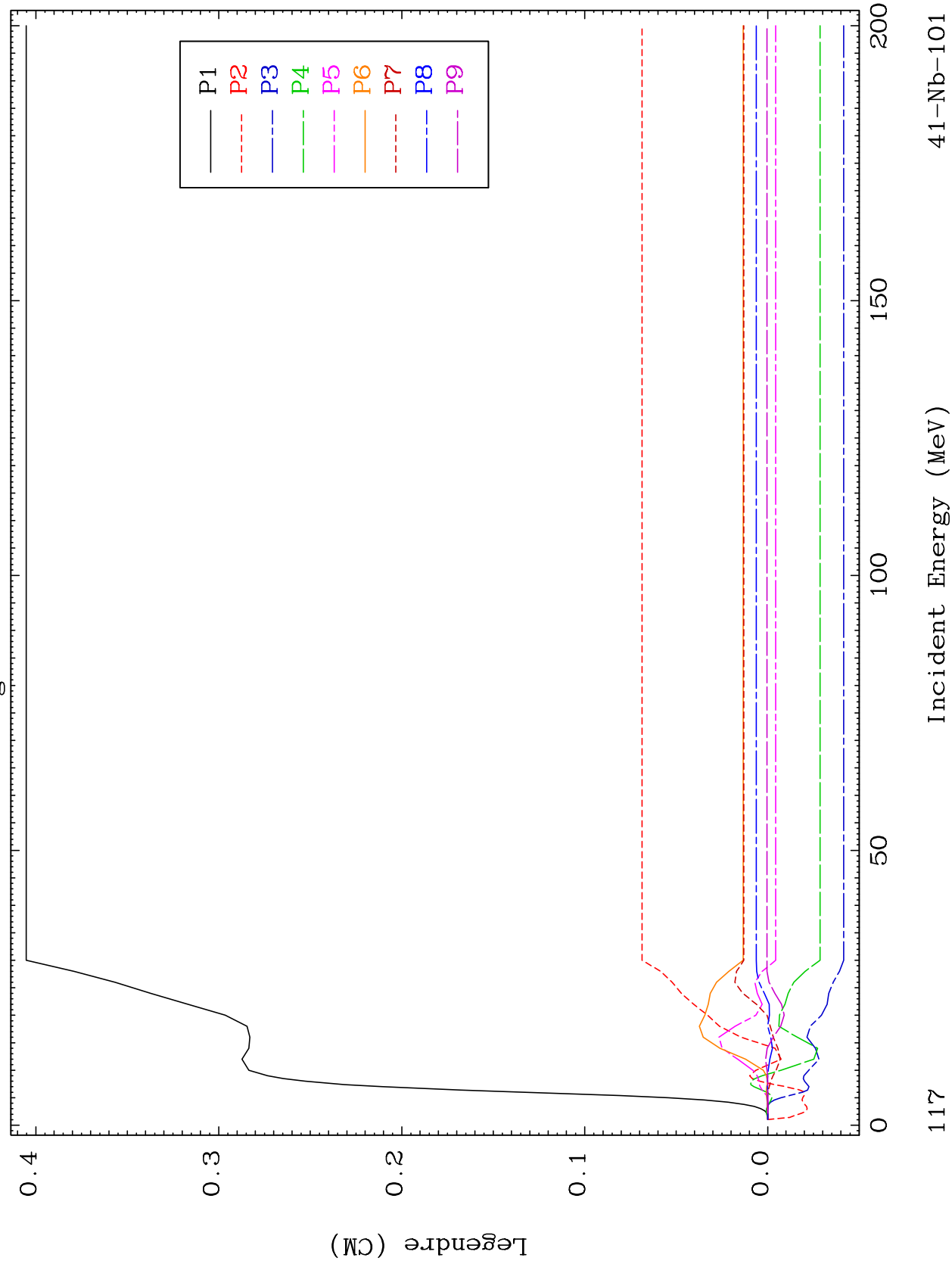




MAT 4149

MT= 75 (n, n') Level
Legendre Coefficients

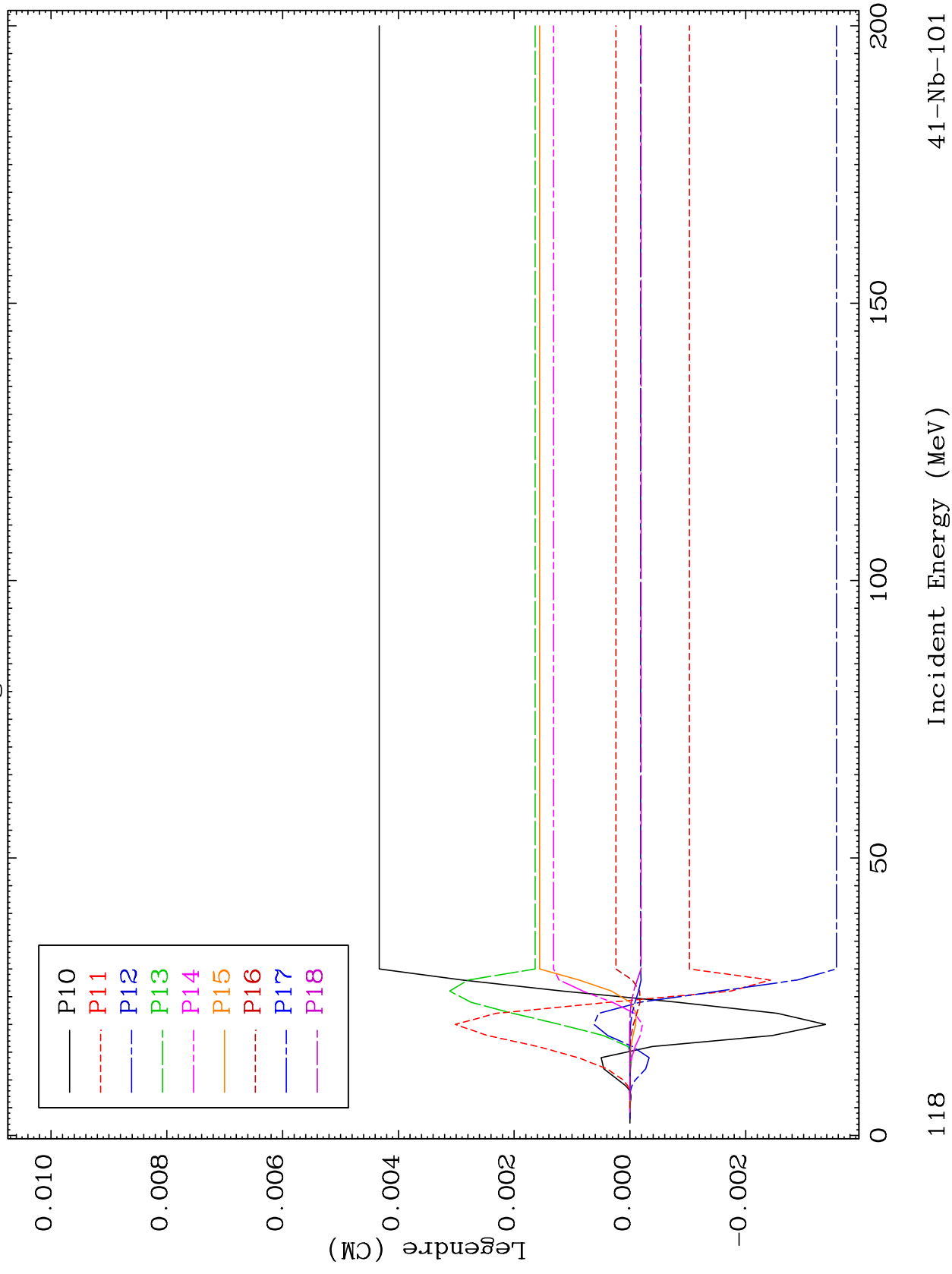
41-Nb-101

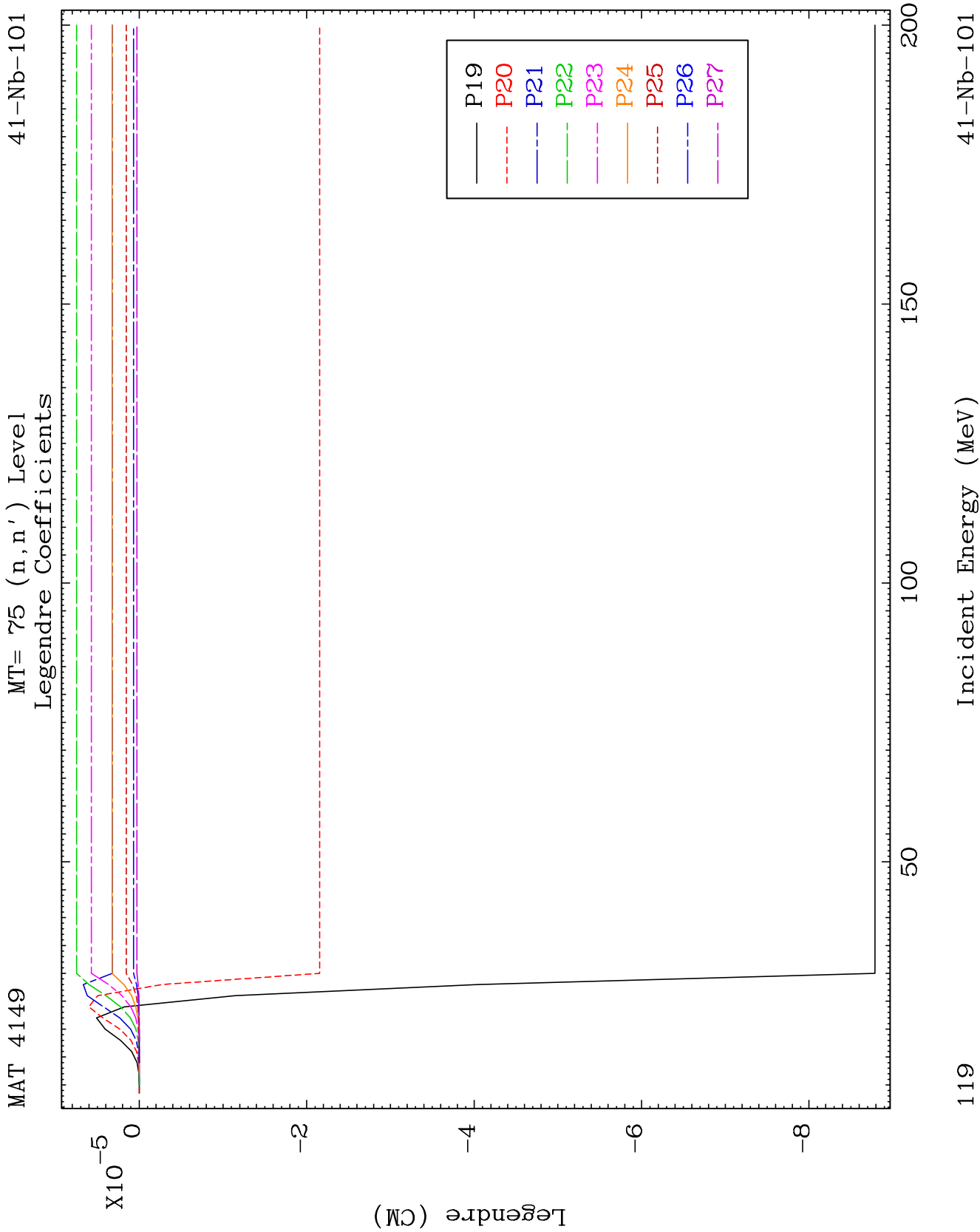


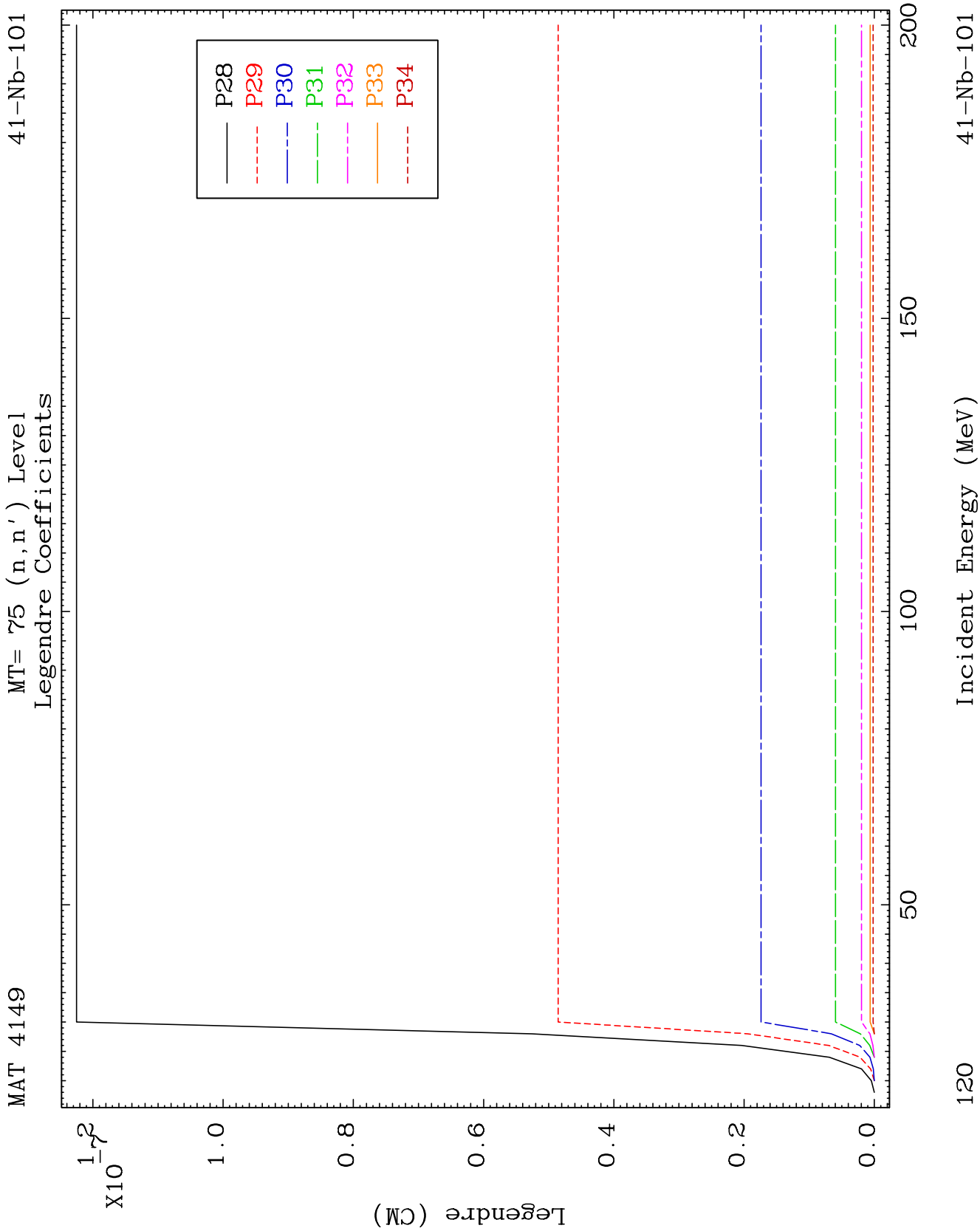
MAT 4149

41-Nb-101

MT= 75 (n, n') Level
Legendre Coefficients



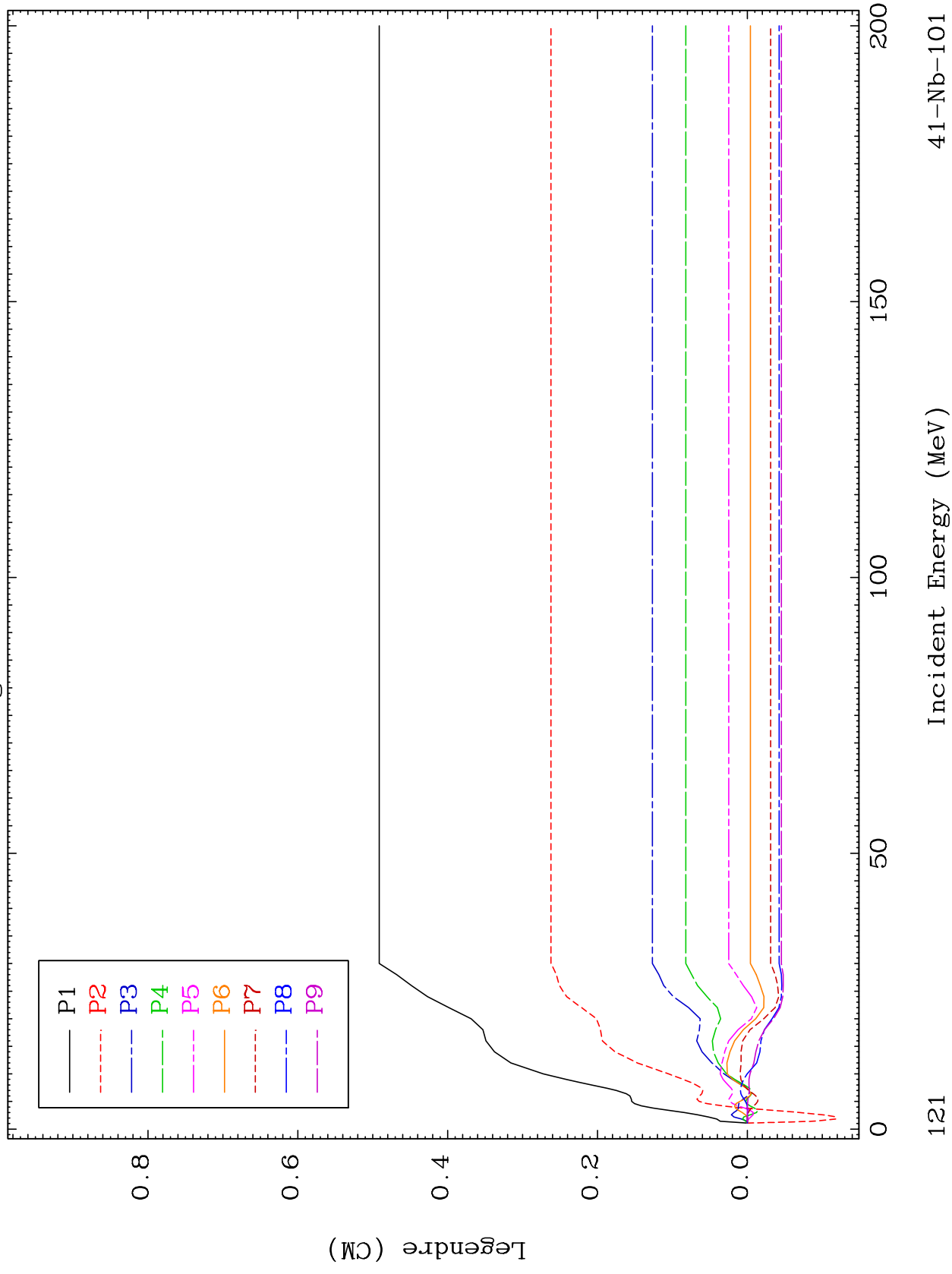




MAT 4149

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

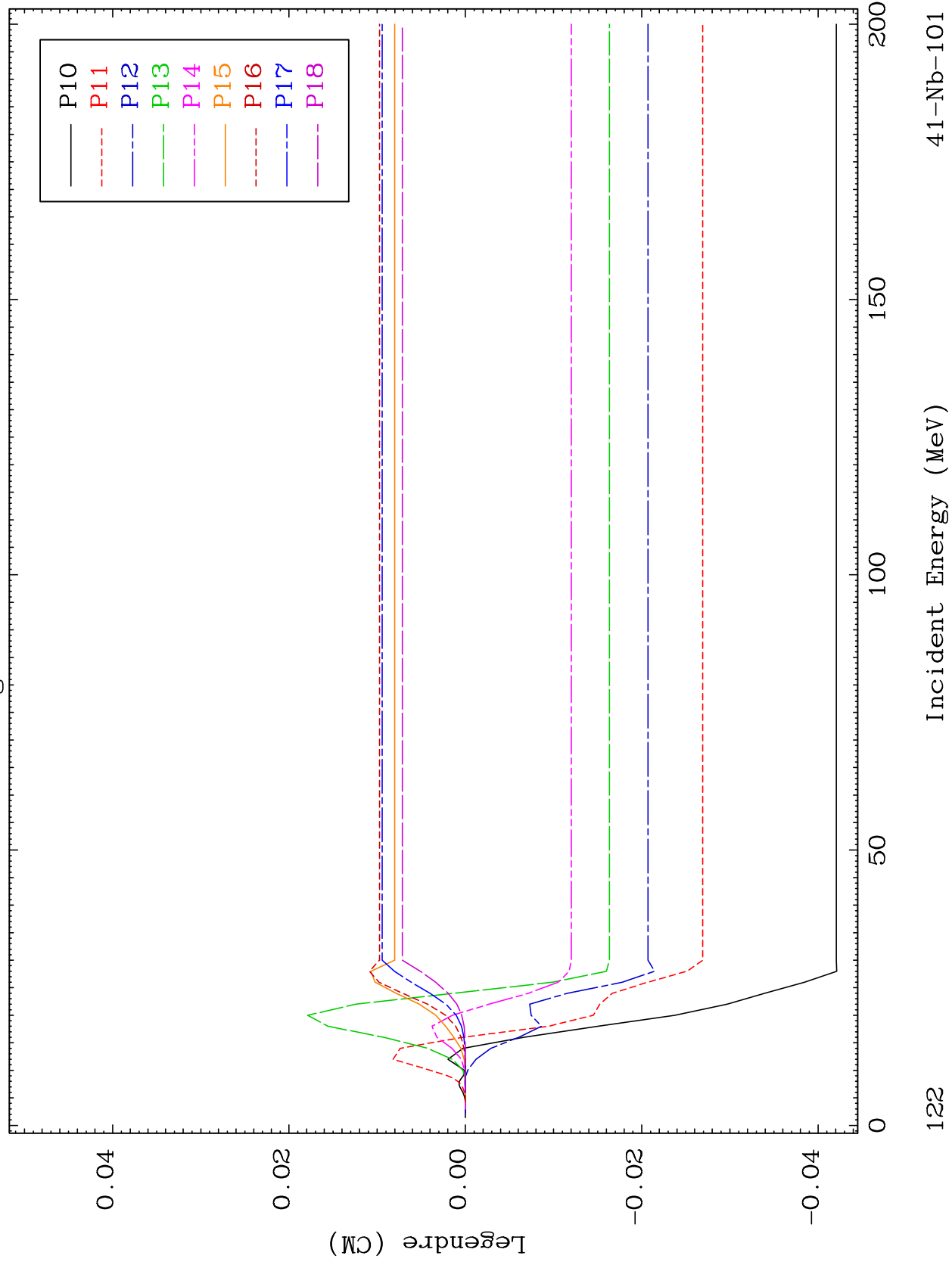
41-Nb-101



MAT 4149

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

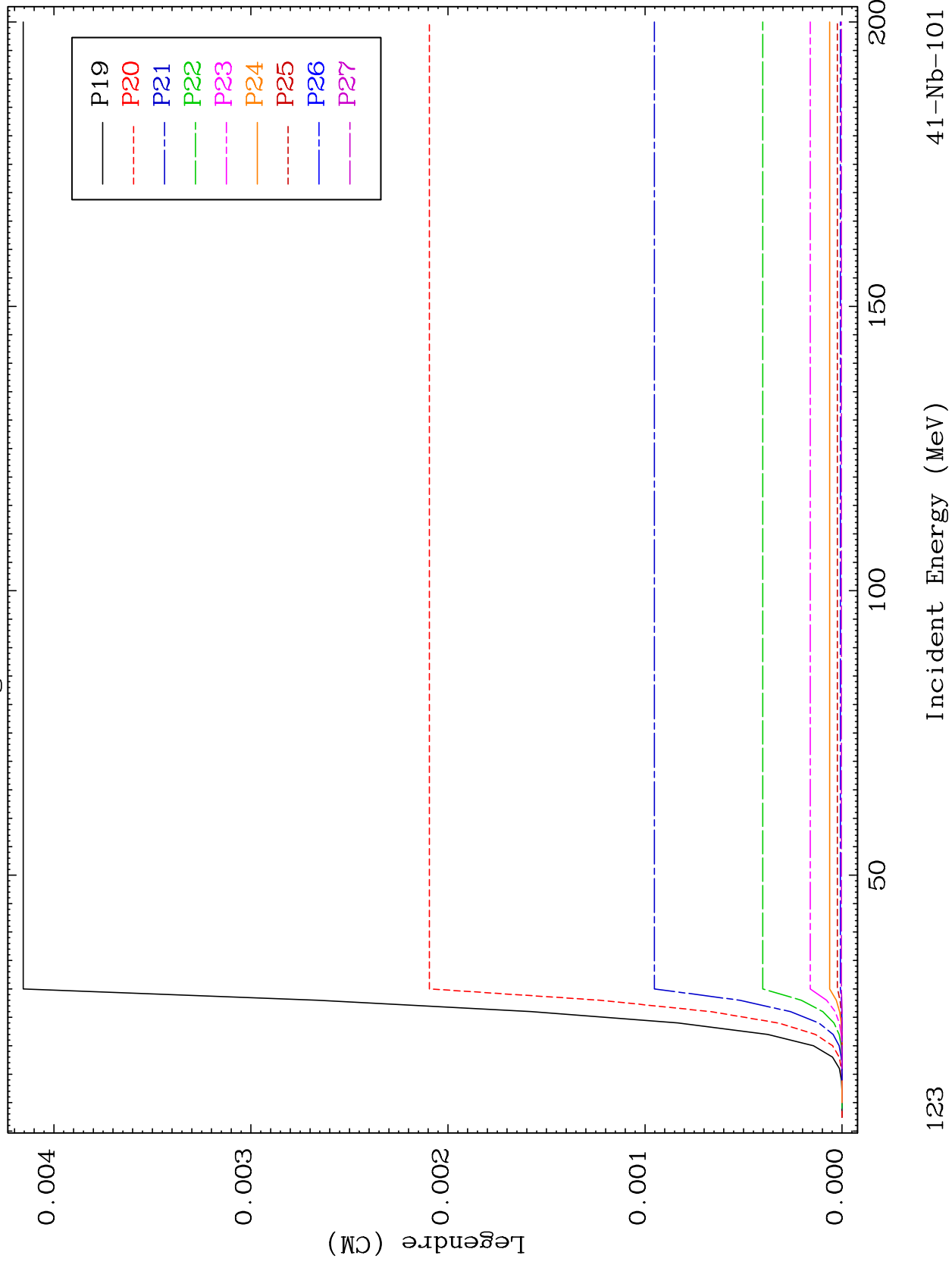
41-Nb-101

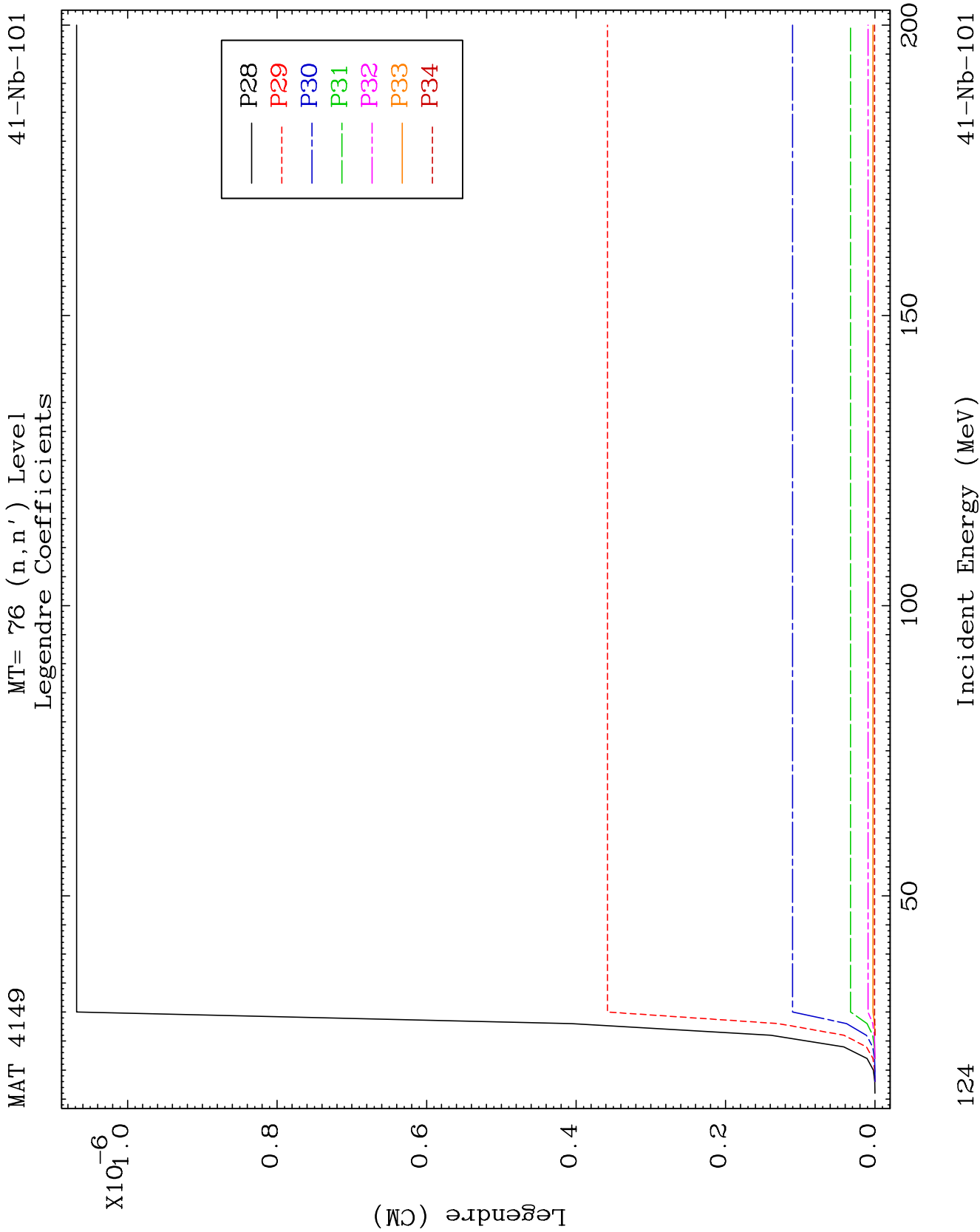


MAT 4149

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

41-Nb-101

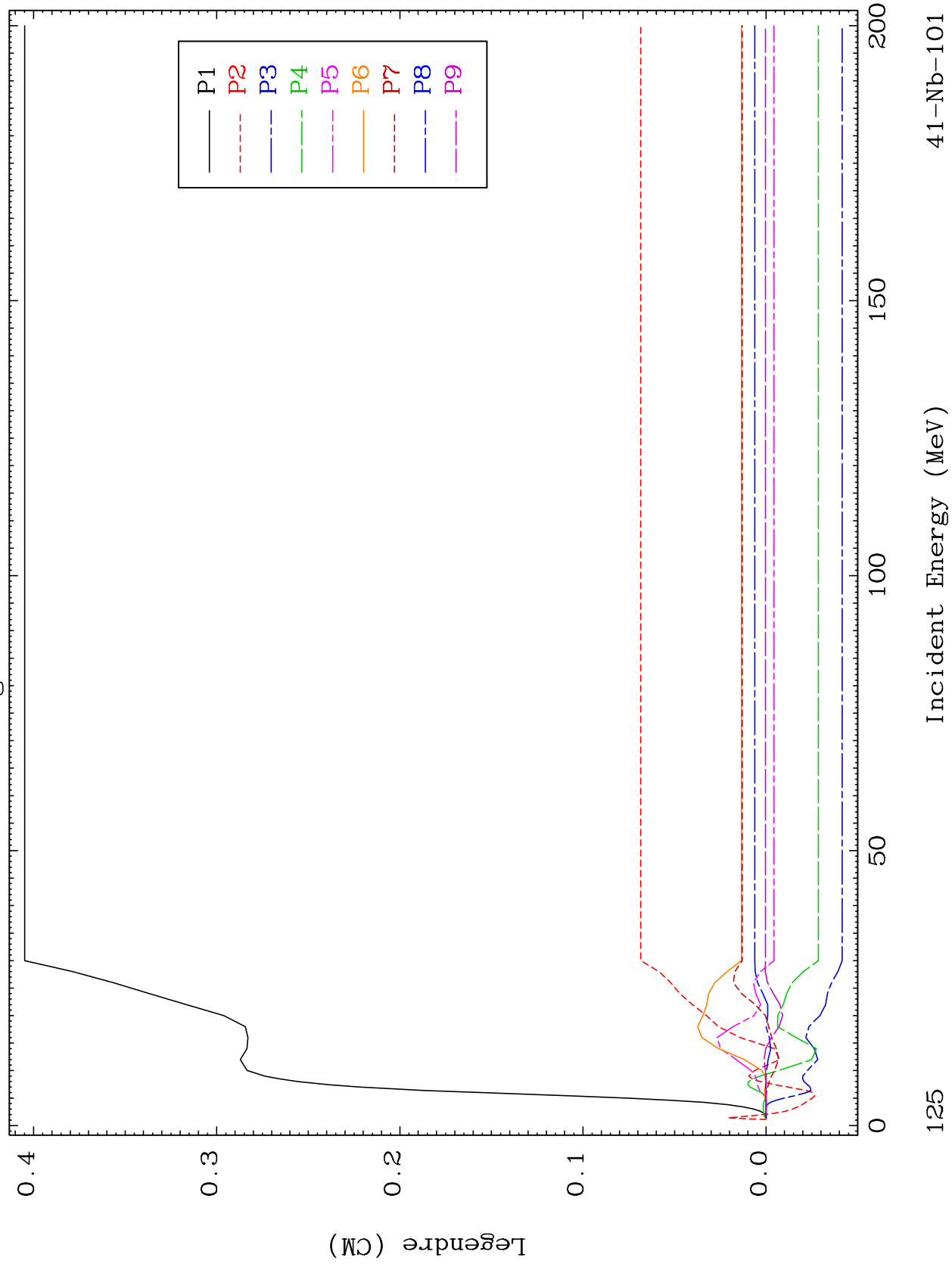


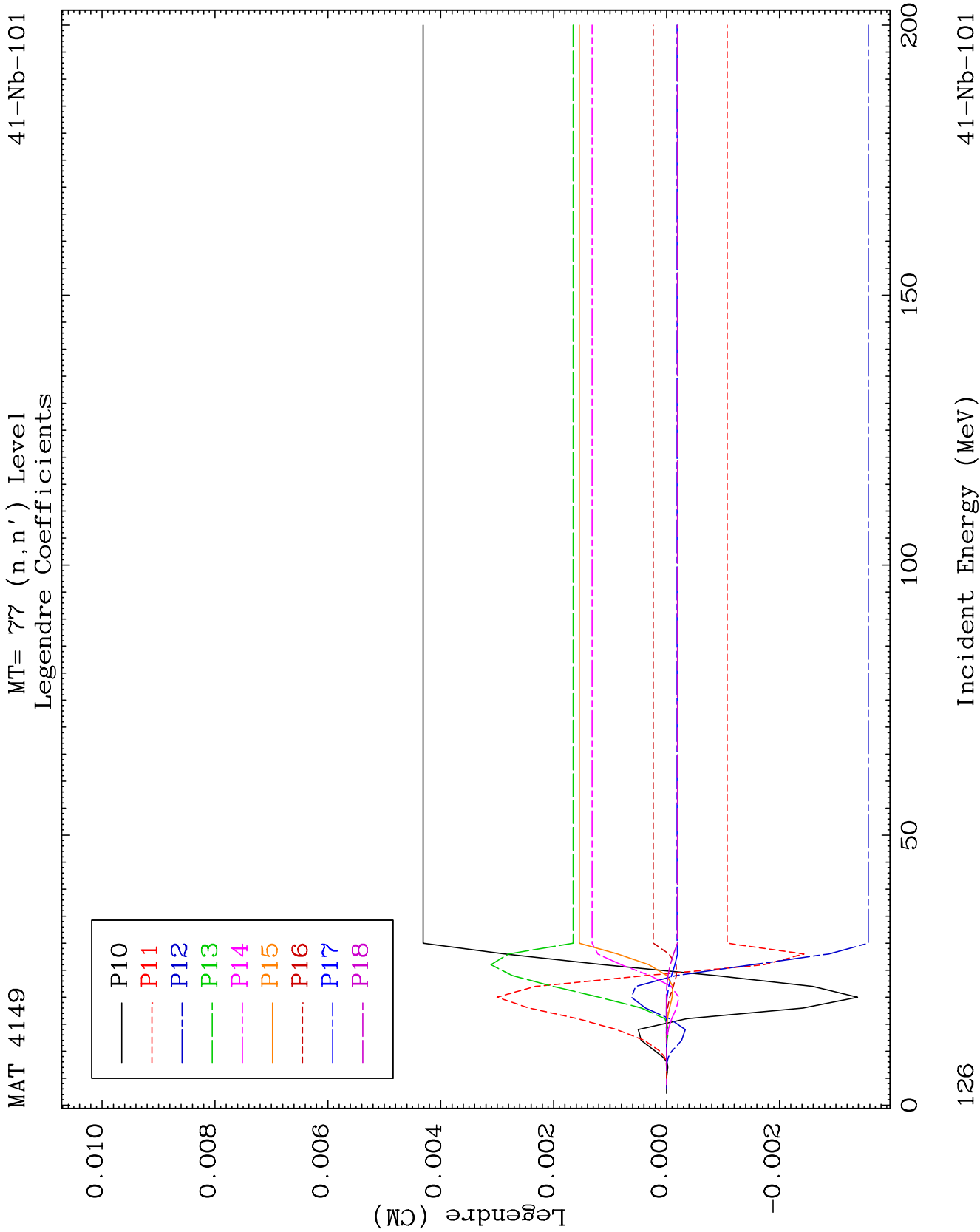


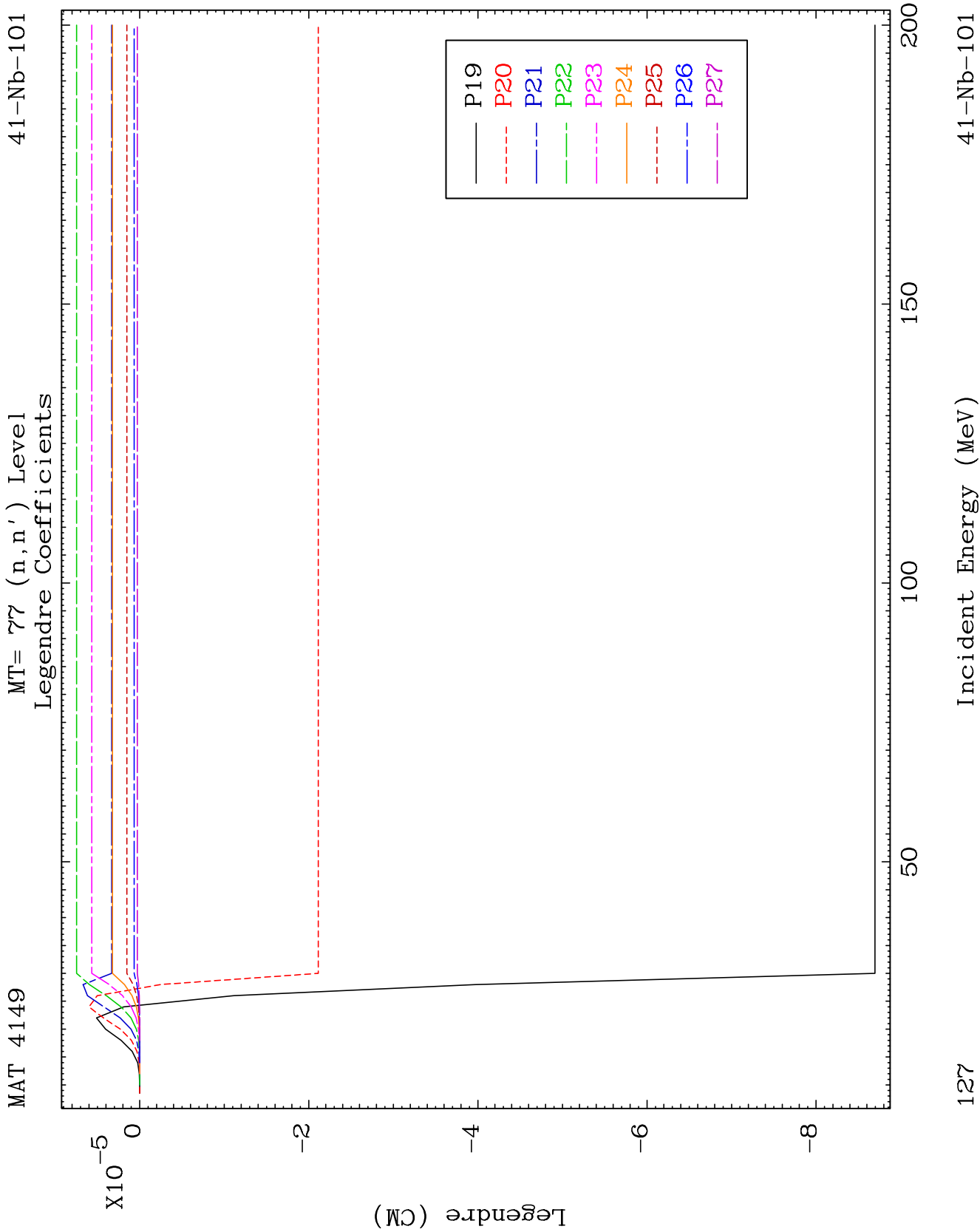
MAT 4149

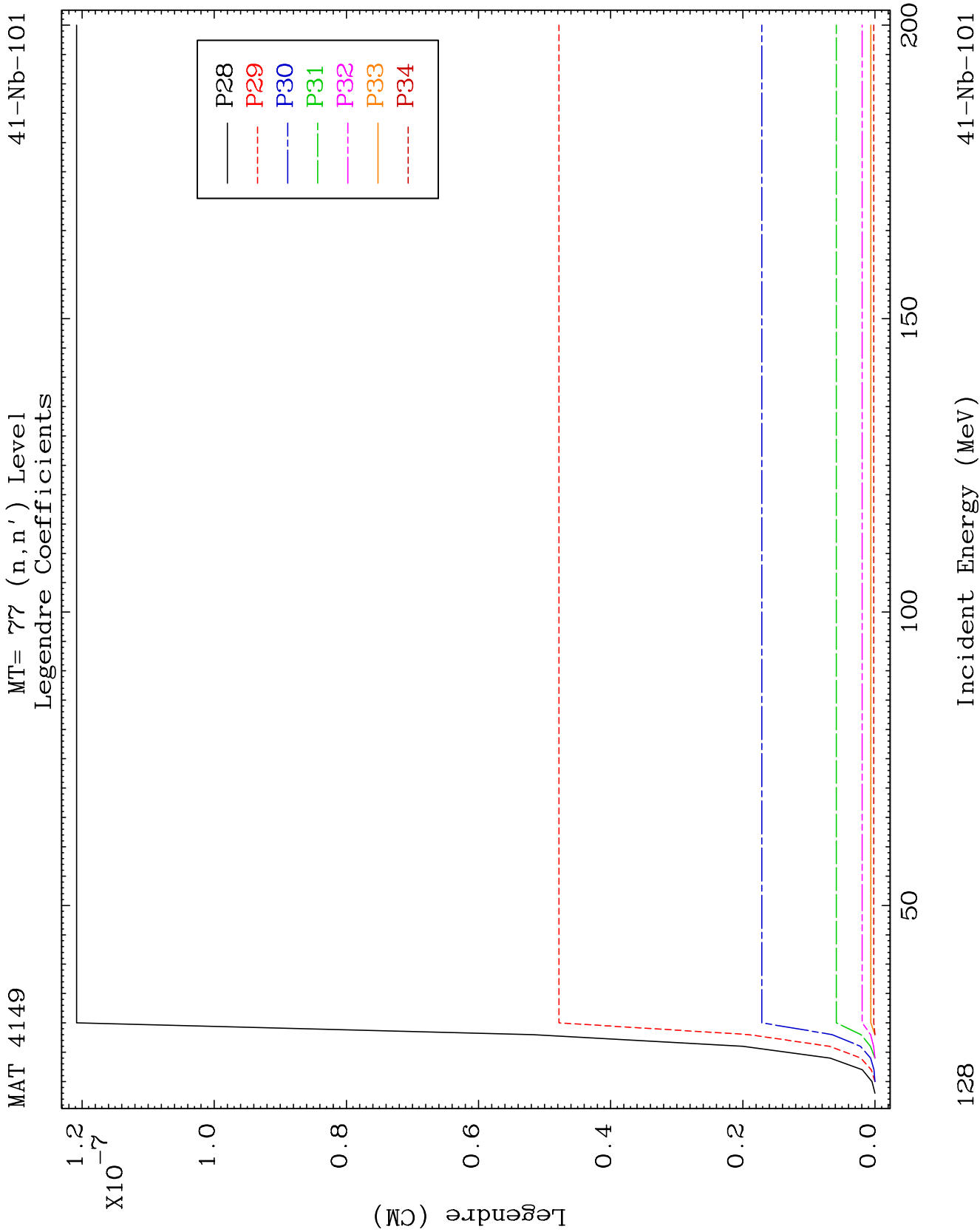
MT= 77 (n, n') Level
Legendre Coefficients

41-Nb-101





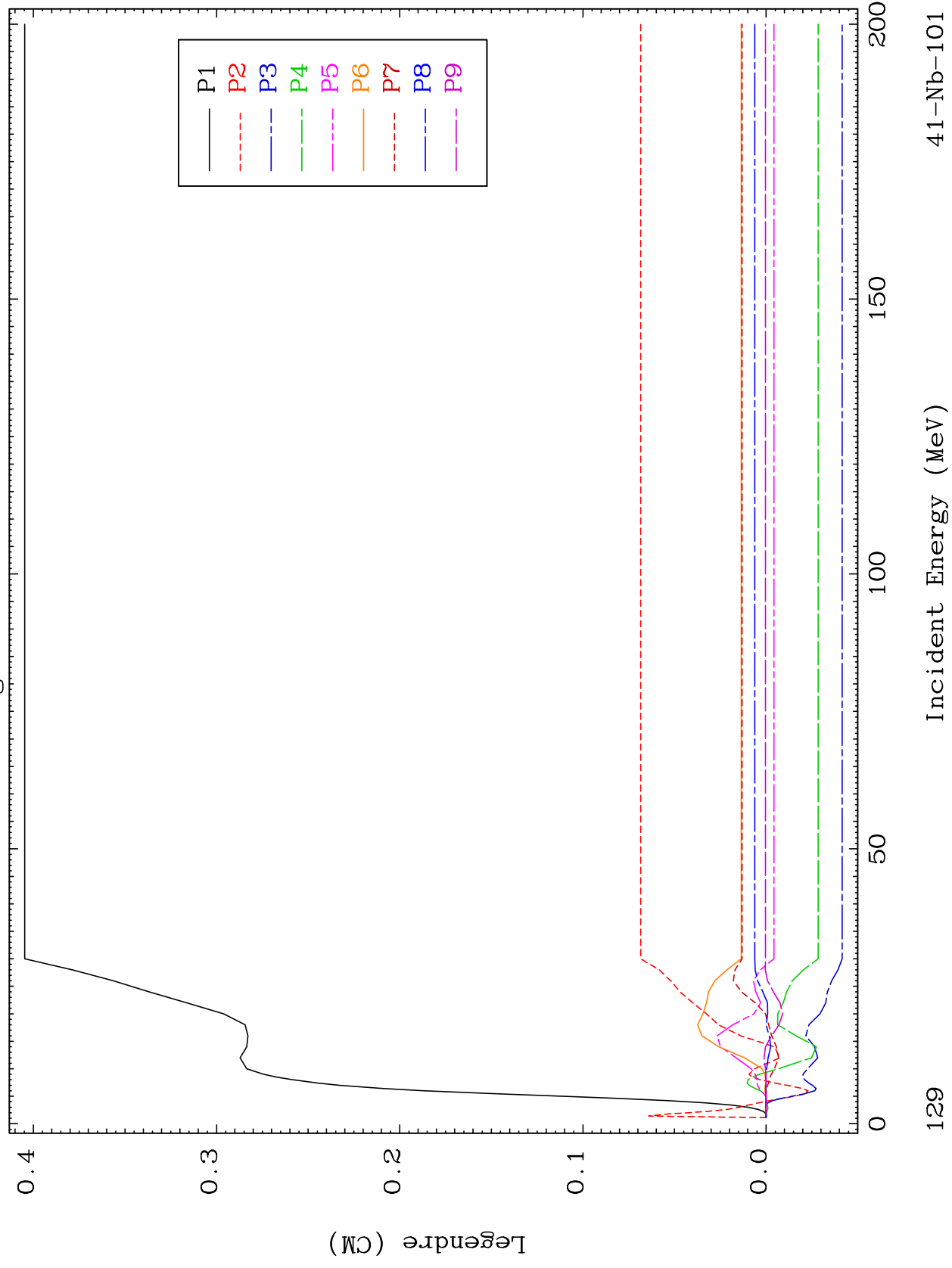


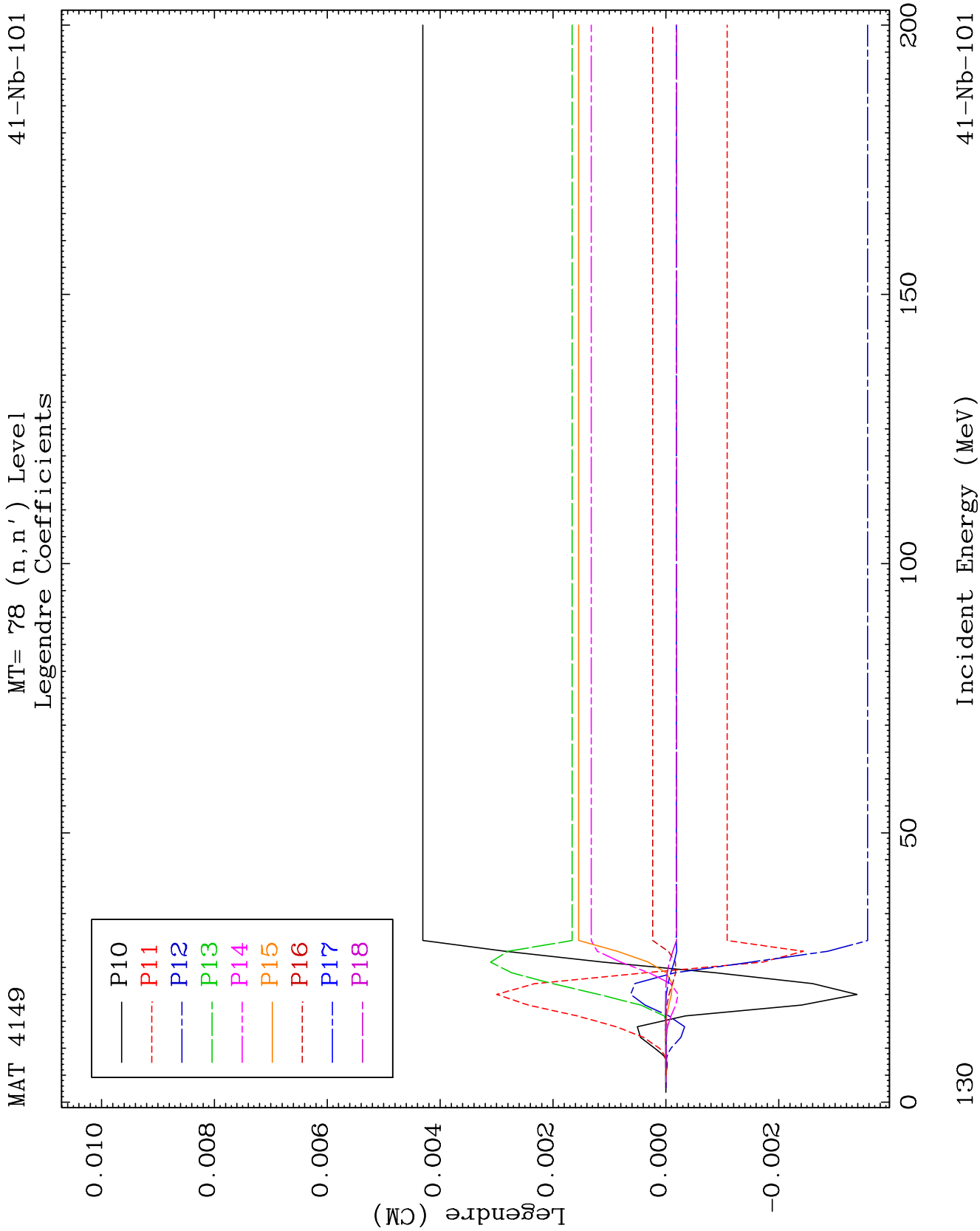


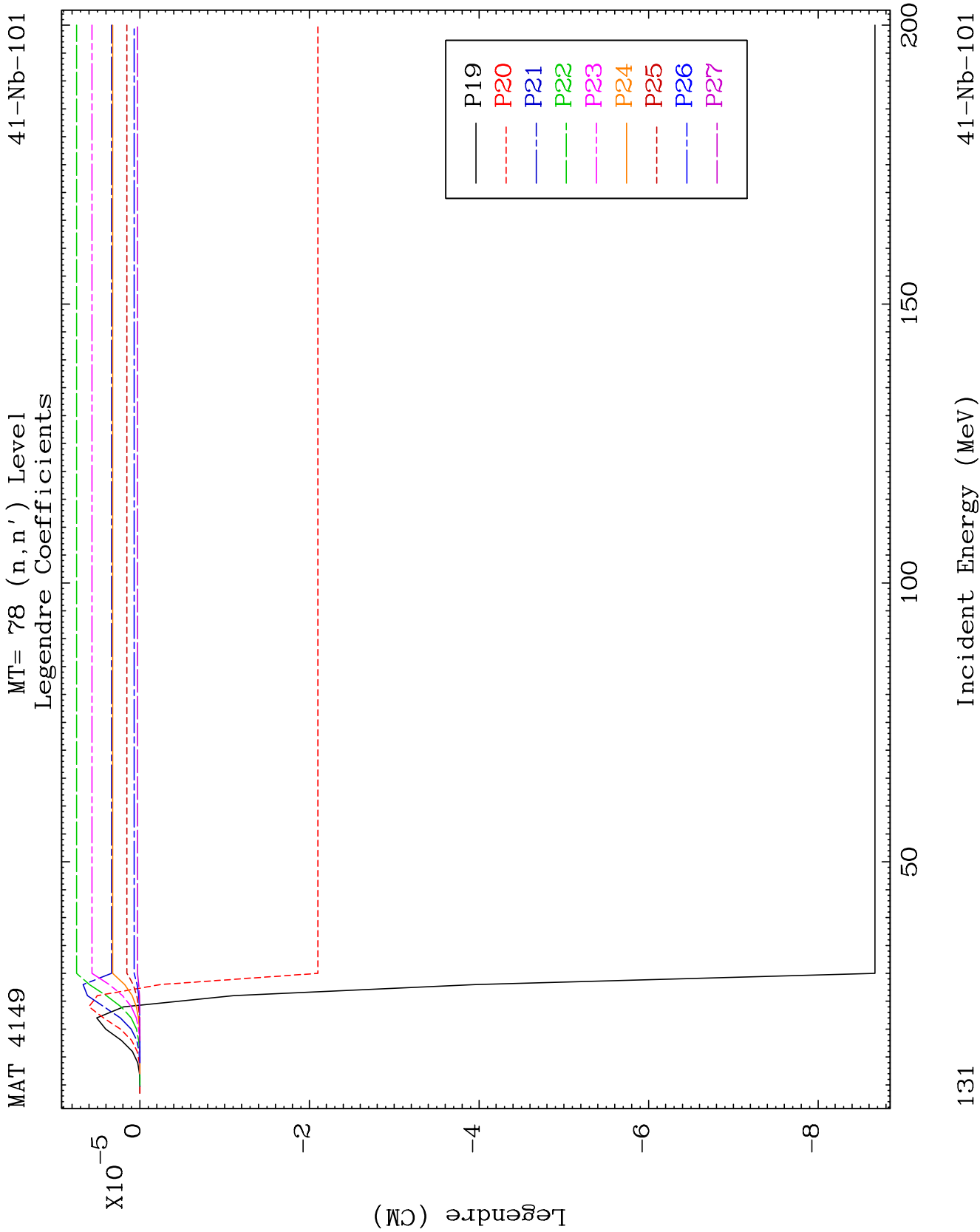
MAT 4149

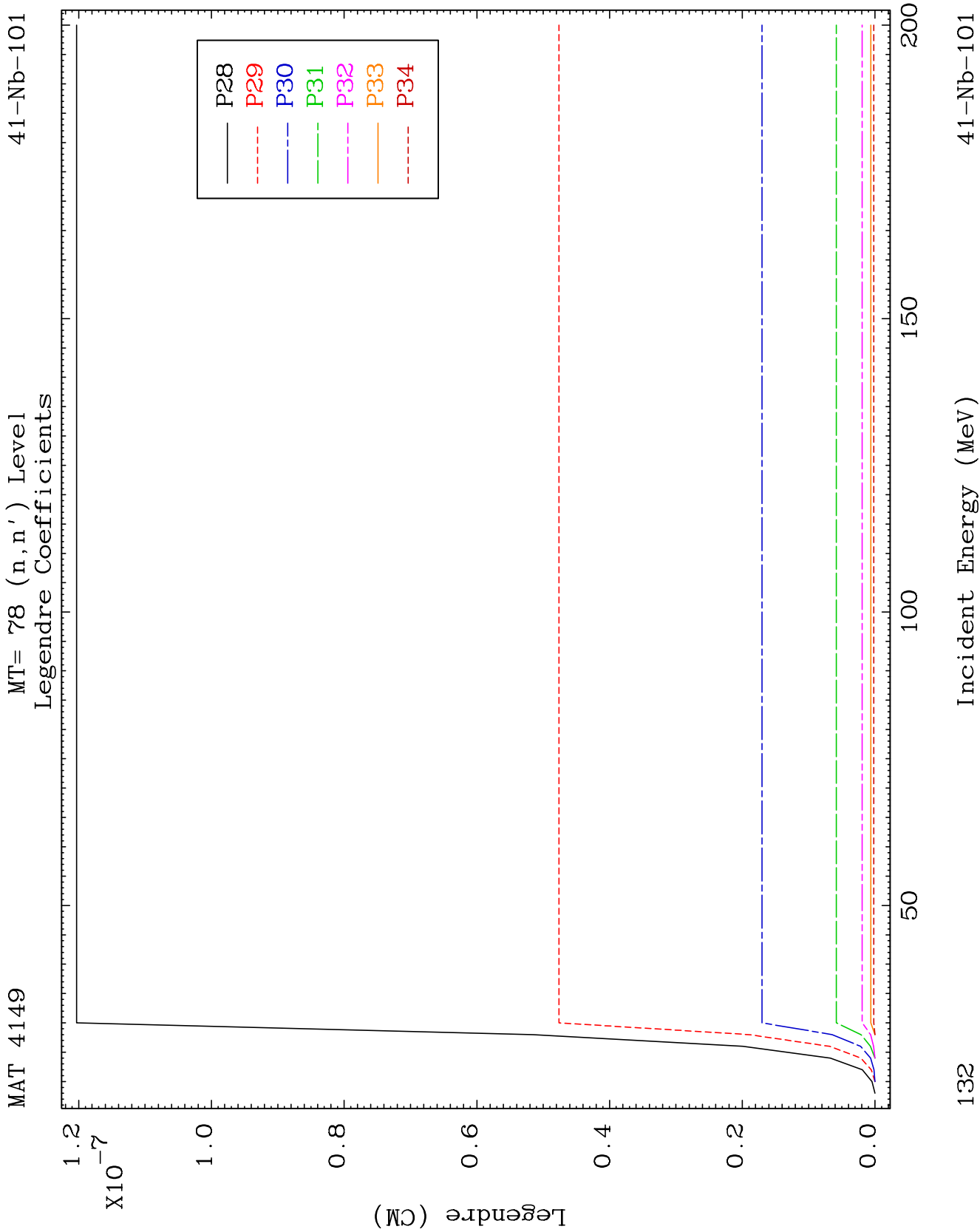
MT= 78 (n, n') Level
Legendre Coefficients

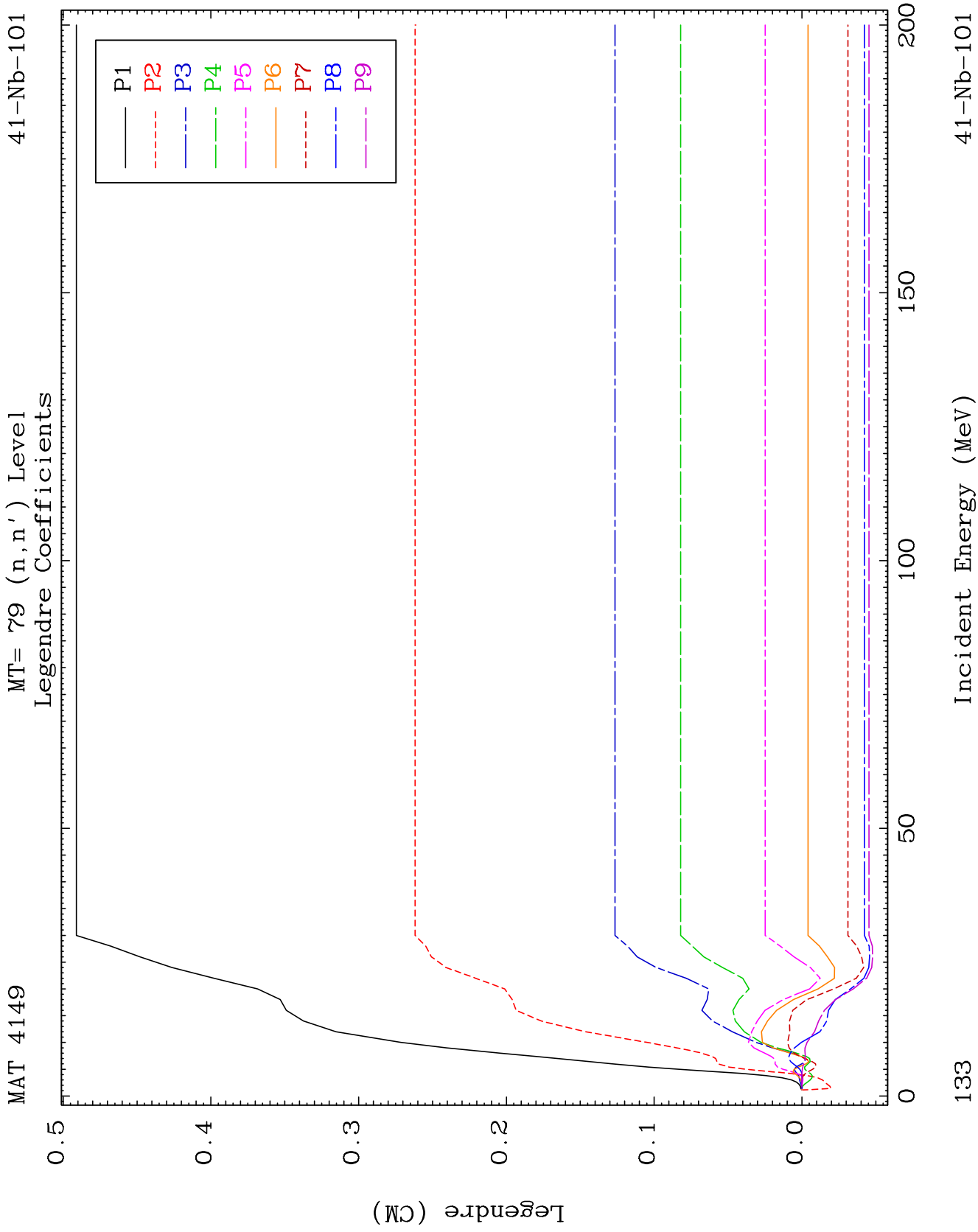
41-Nb-101

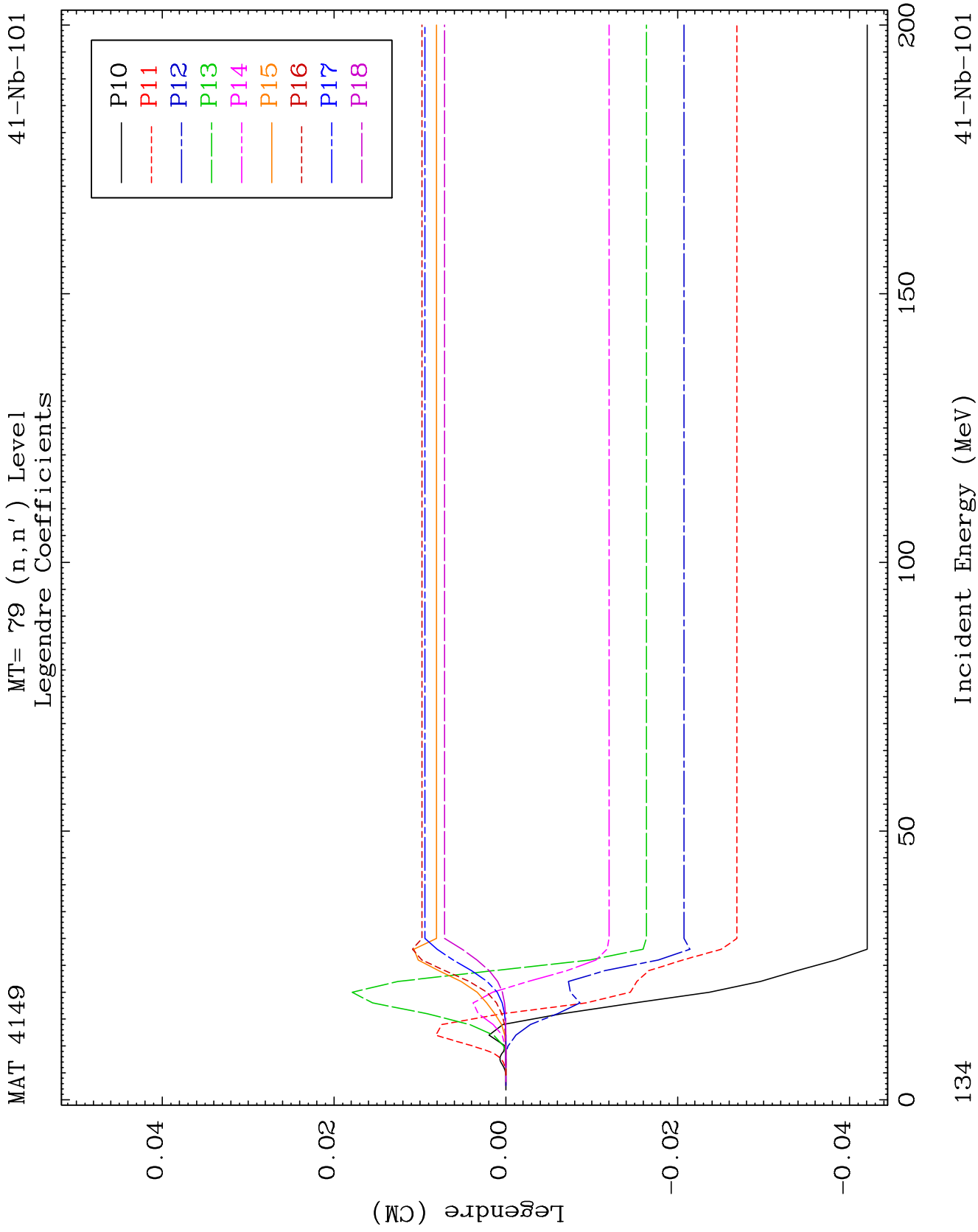








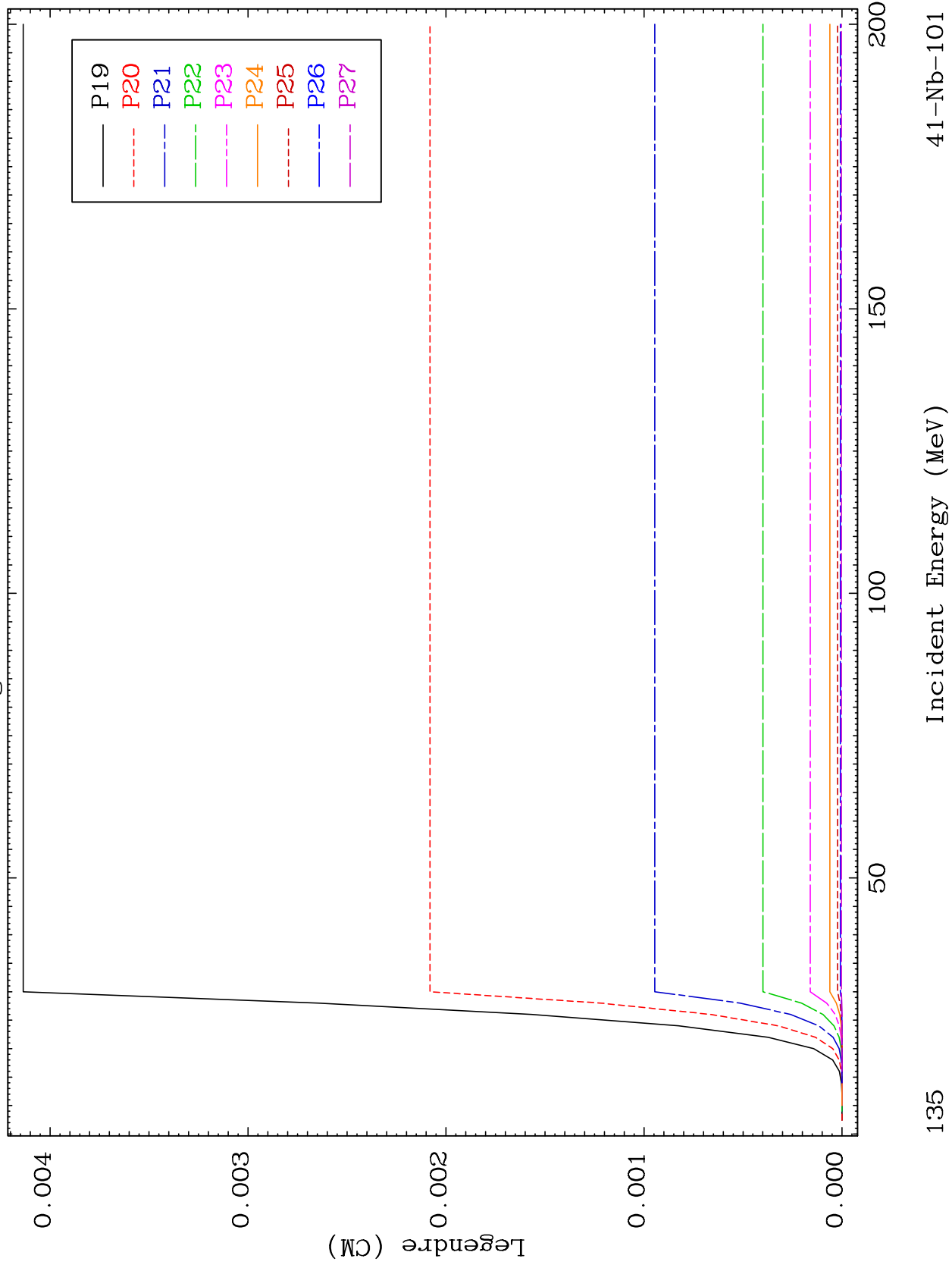


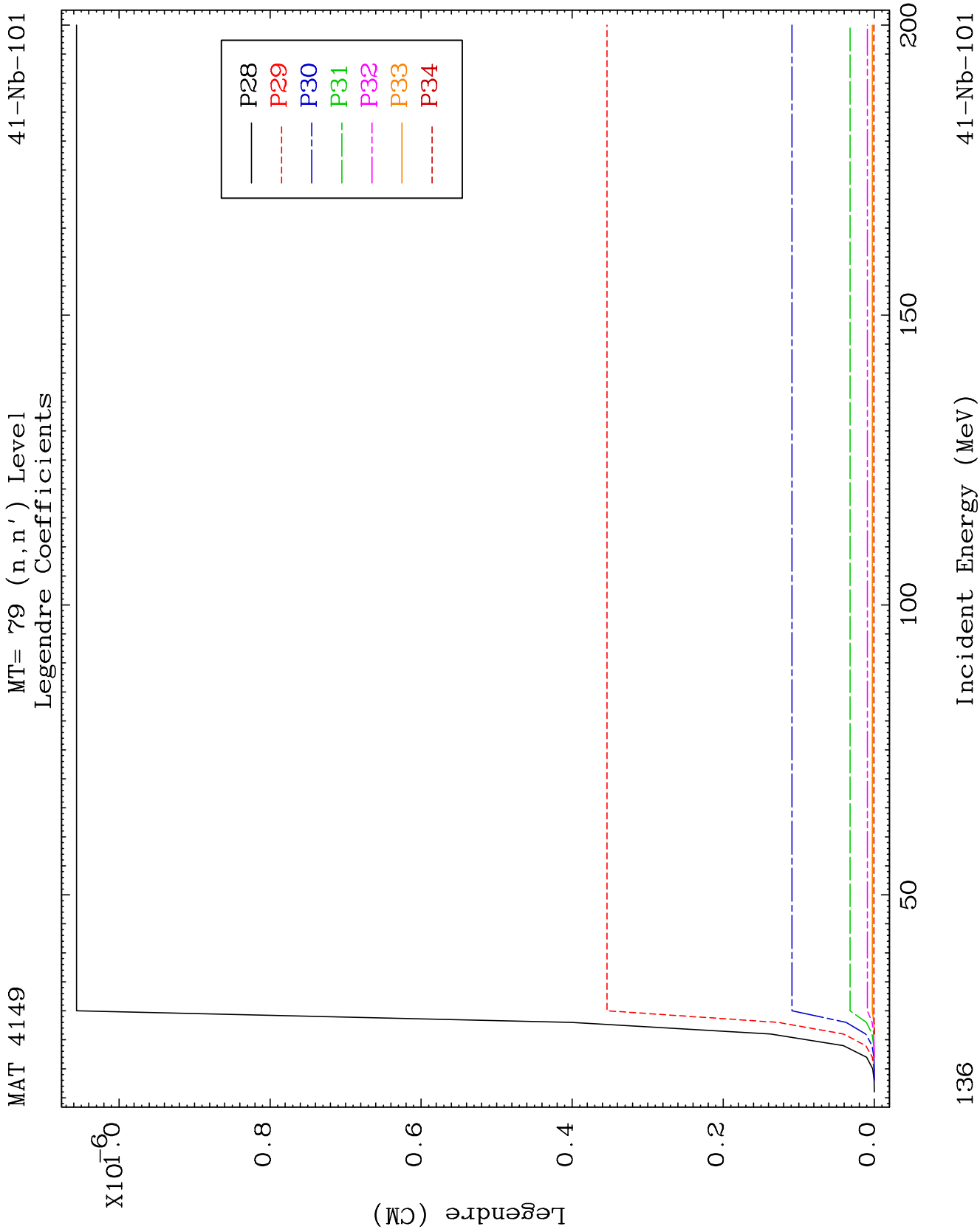


MAT 4149

MT= 79 (n, n') Level
Legendre Coefficients

41-Nb-101

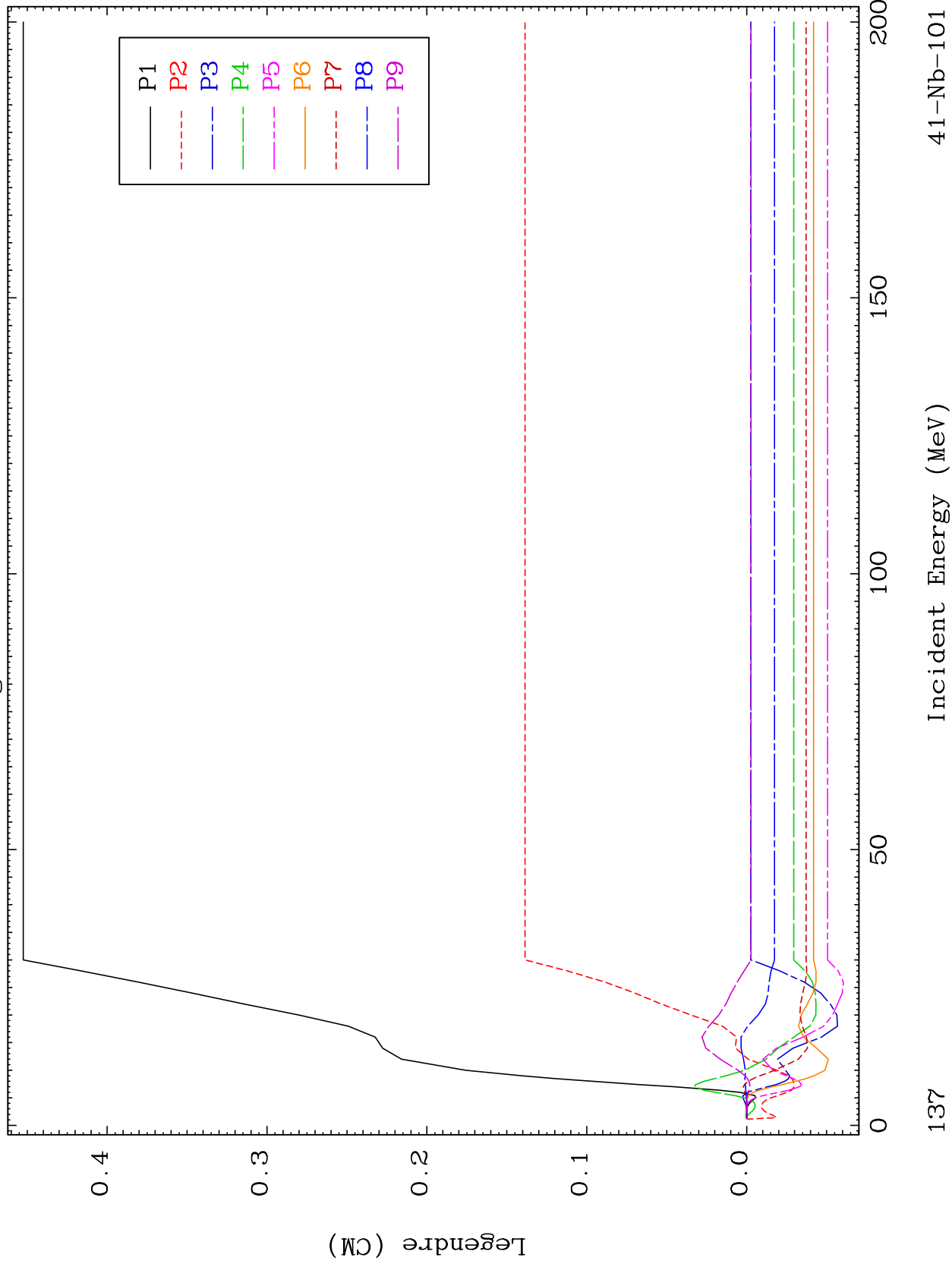




MAT 4149

MT= 80 (n, n') Level
Legendre Coefficients

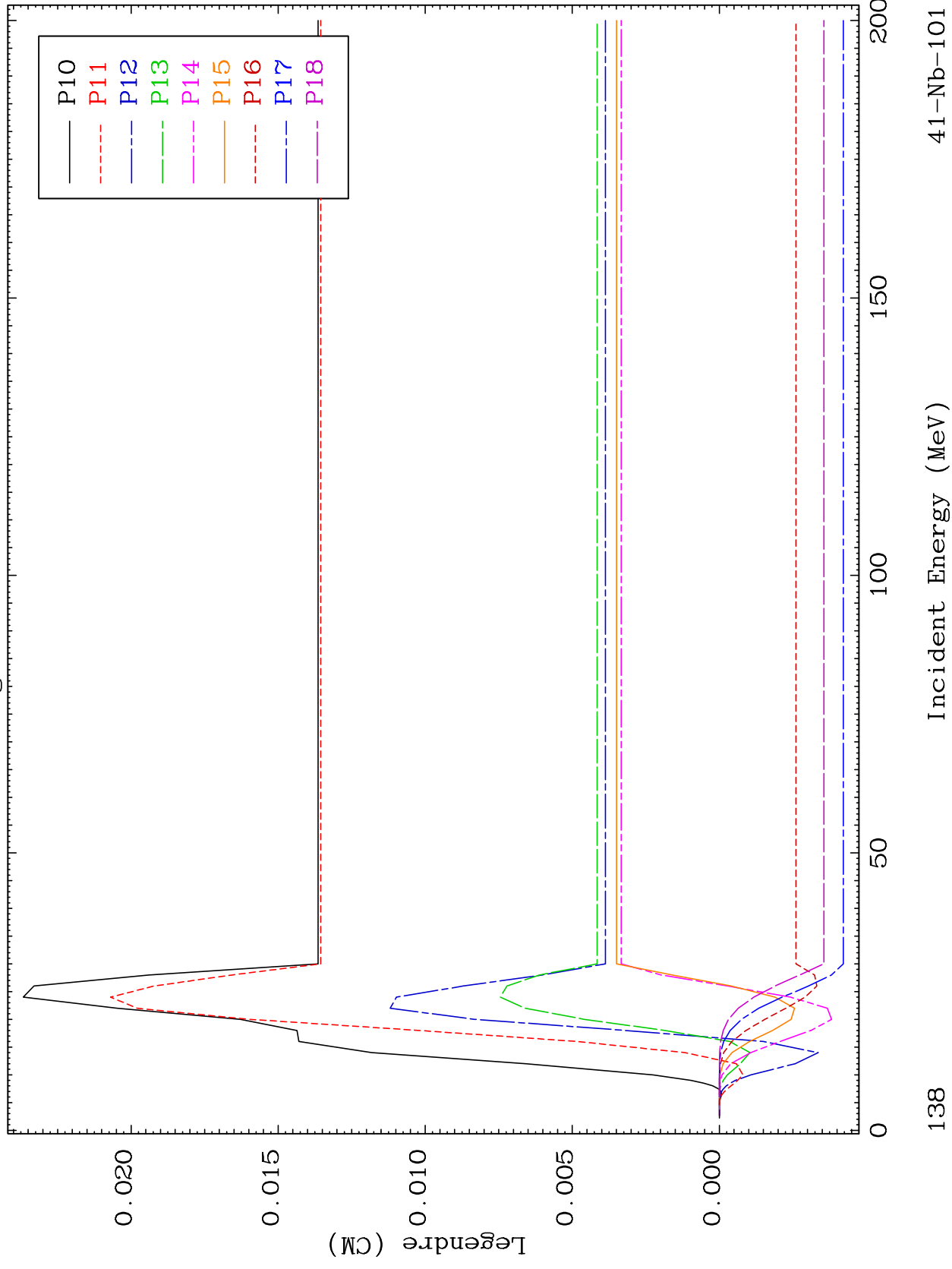
41-Nb-101

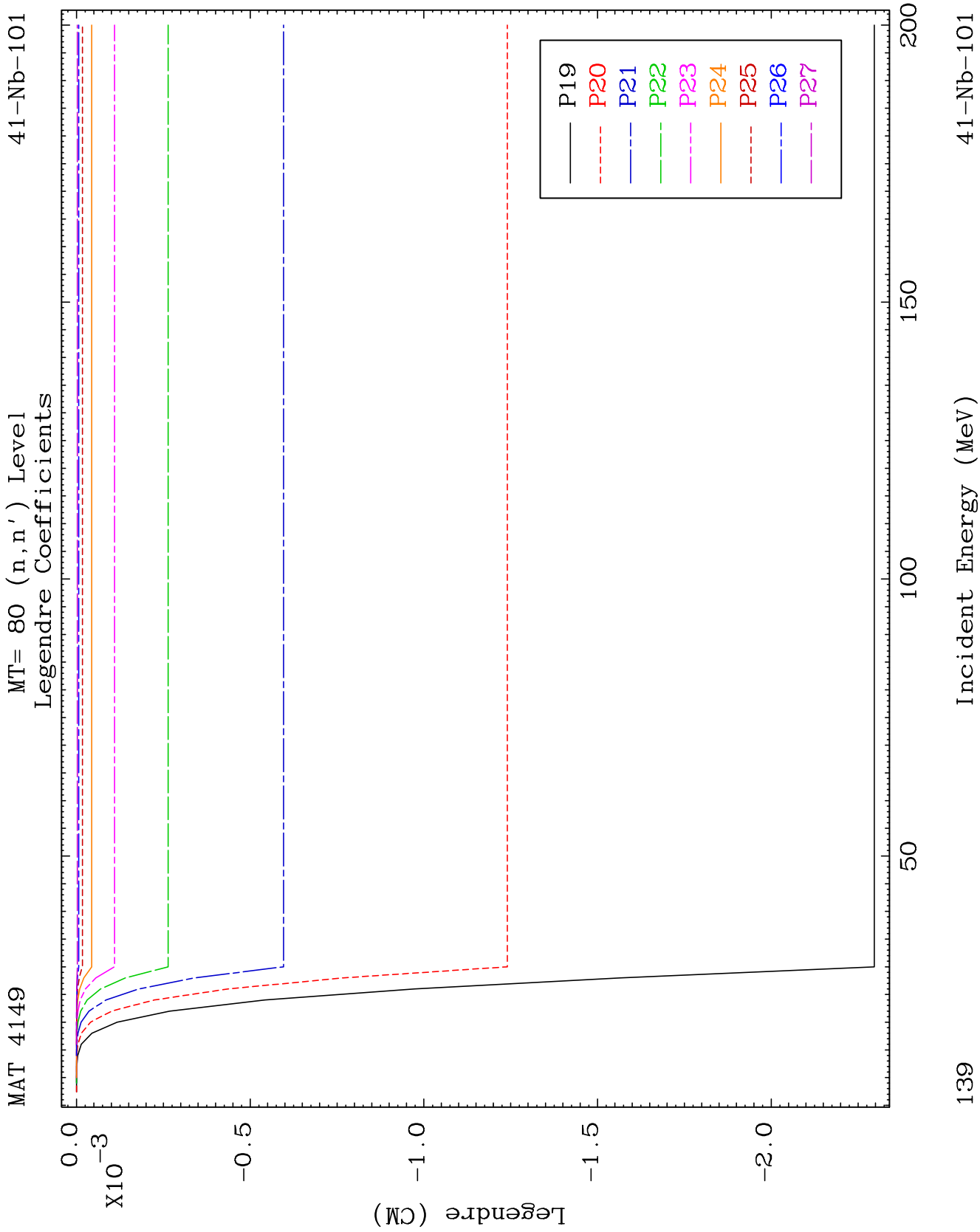


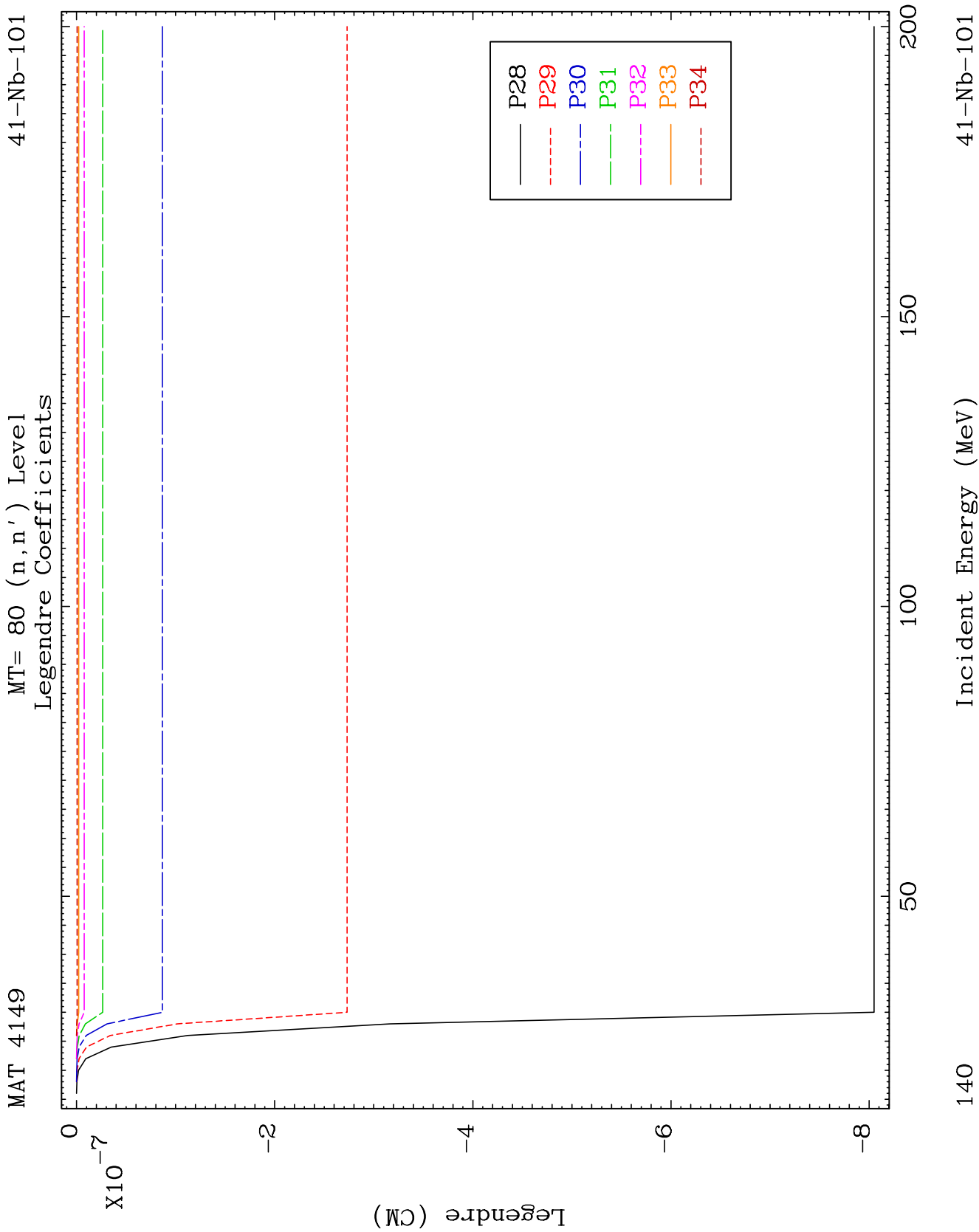
MAT 4149

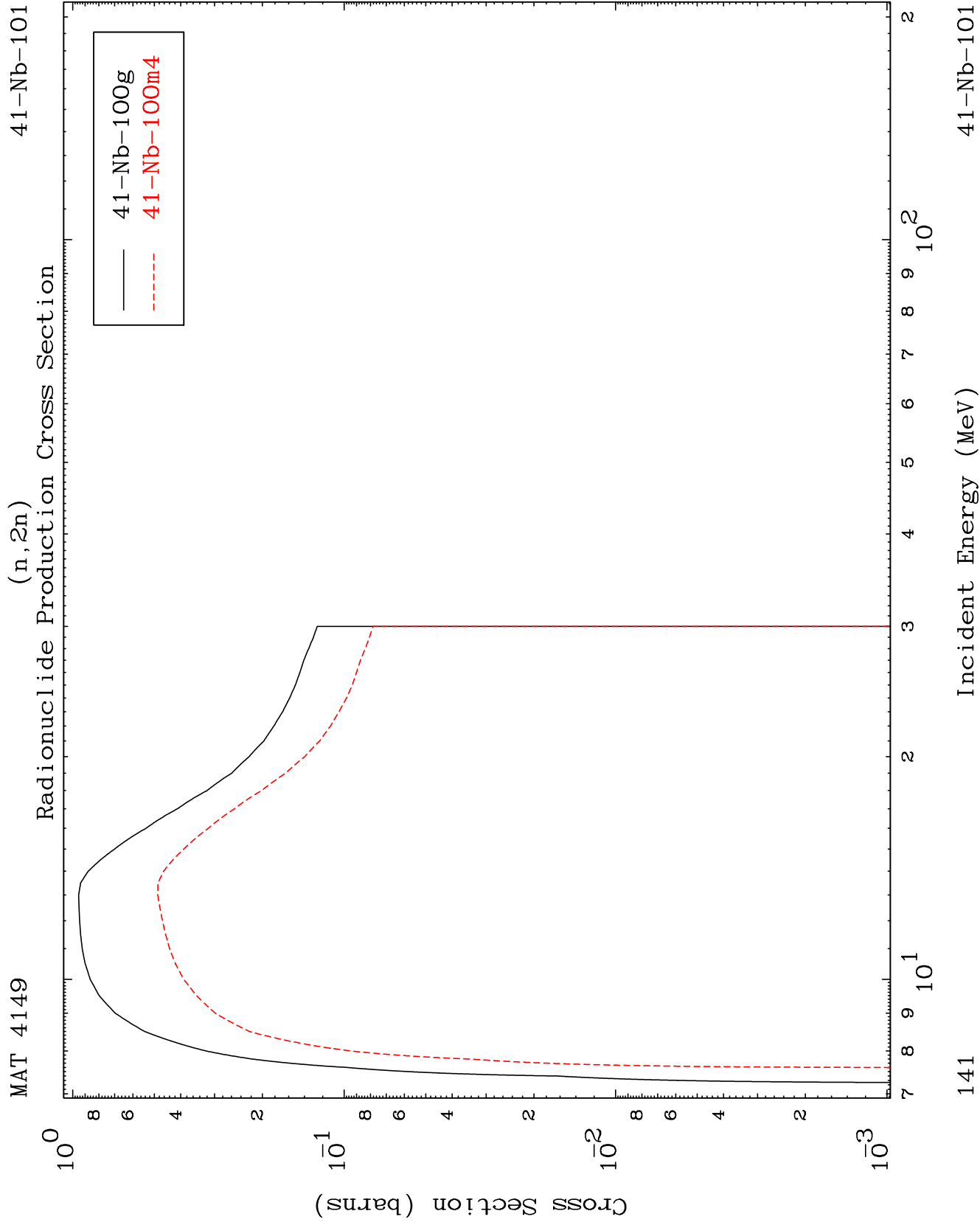
MT= 80 (n, n') Level
Legendre Coefficients

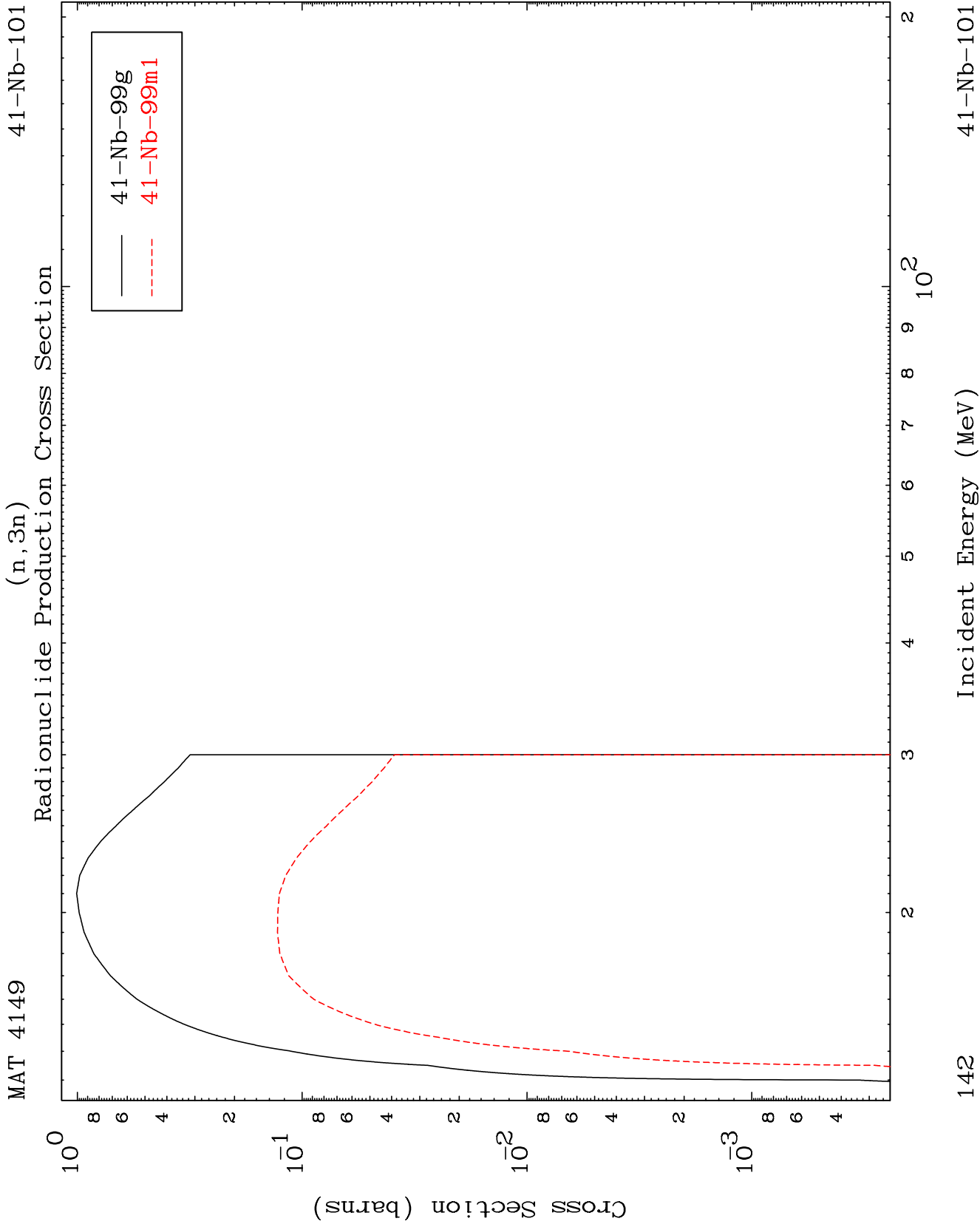
41-Nb-101

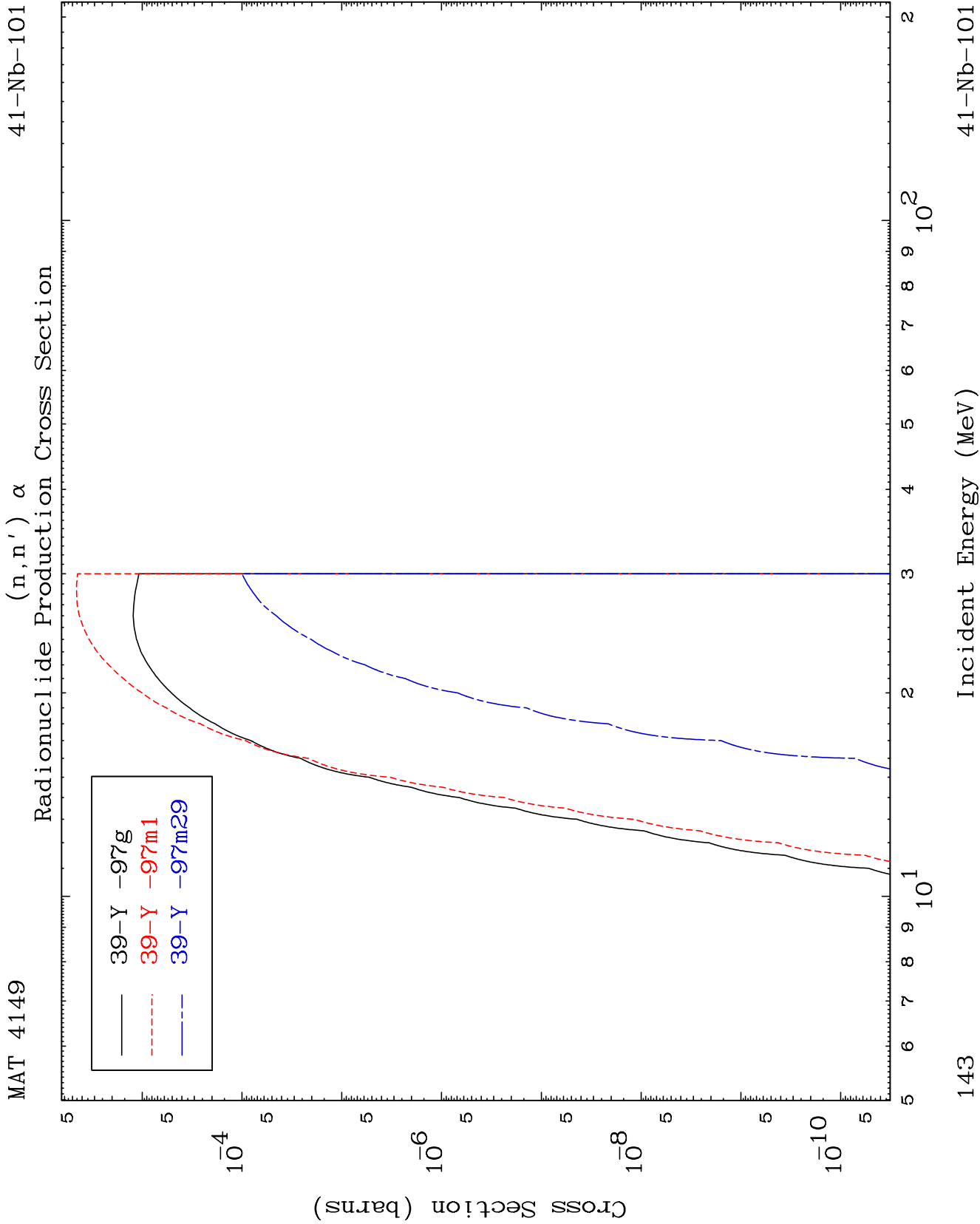








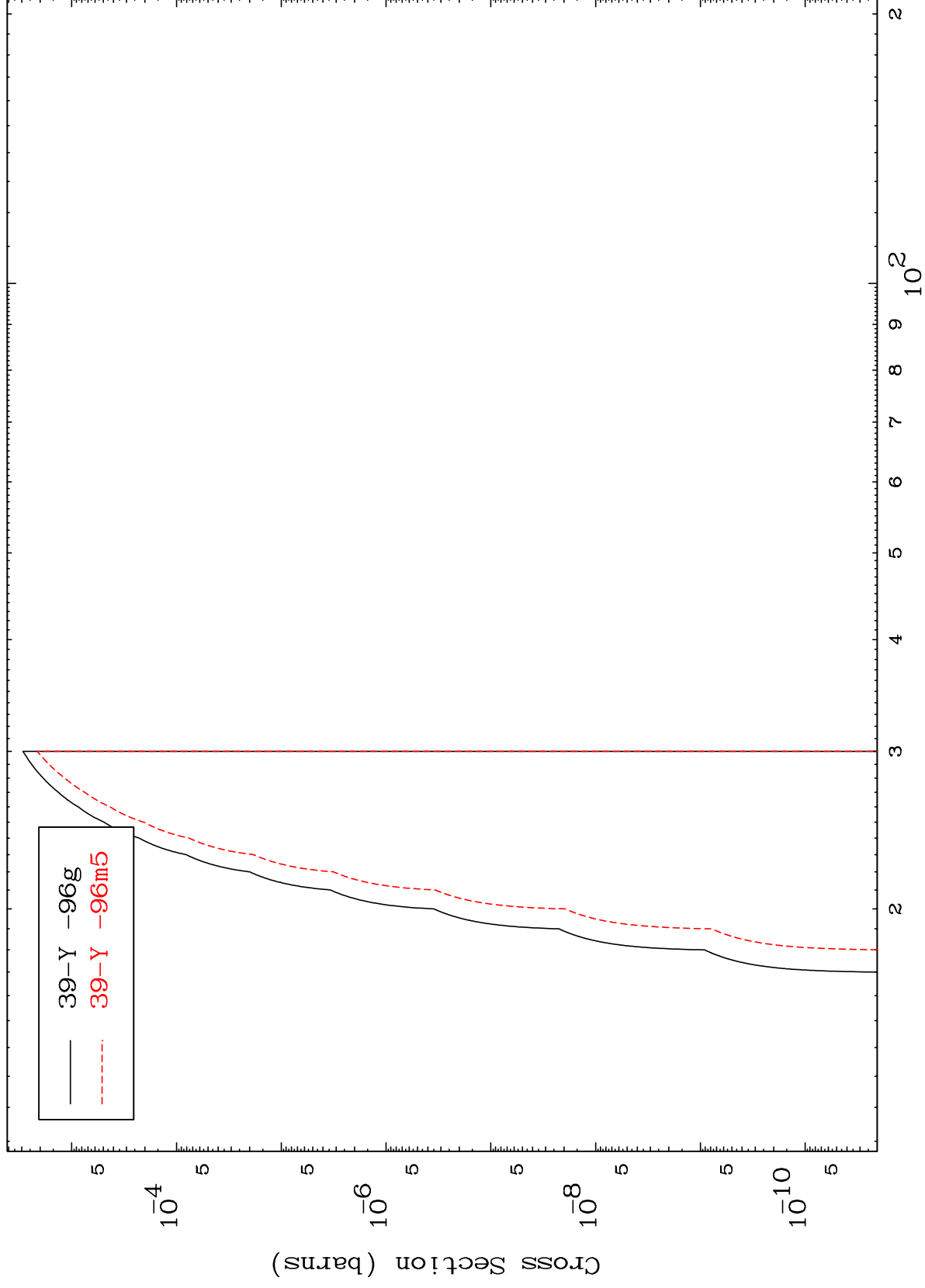




MAT 4149

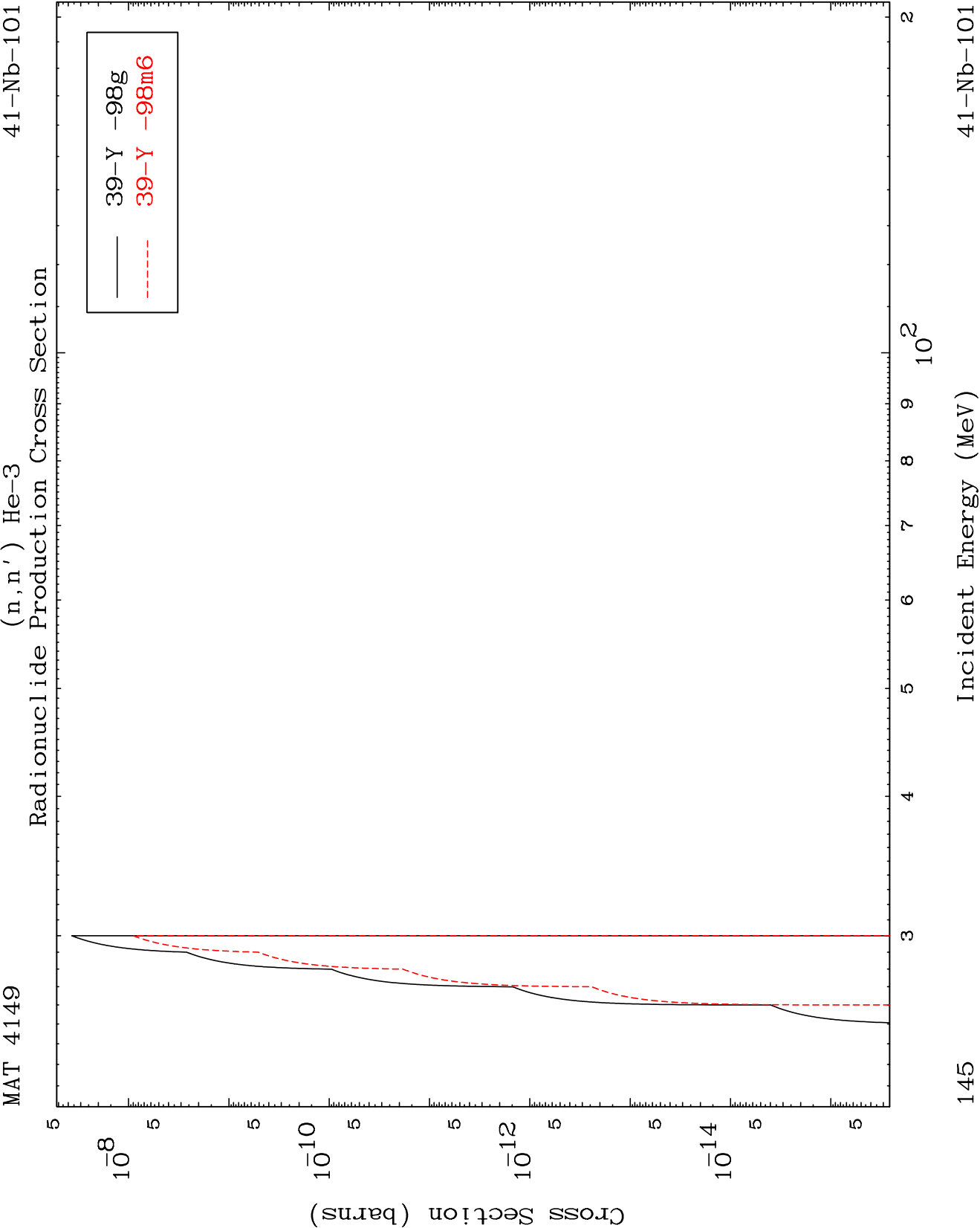
41-Nb-101

Radionuclide Production Cross Section
(n,2n) α



144

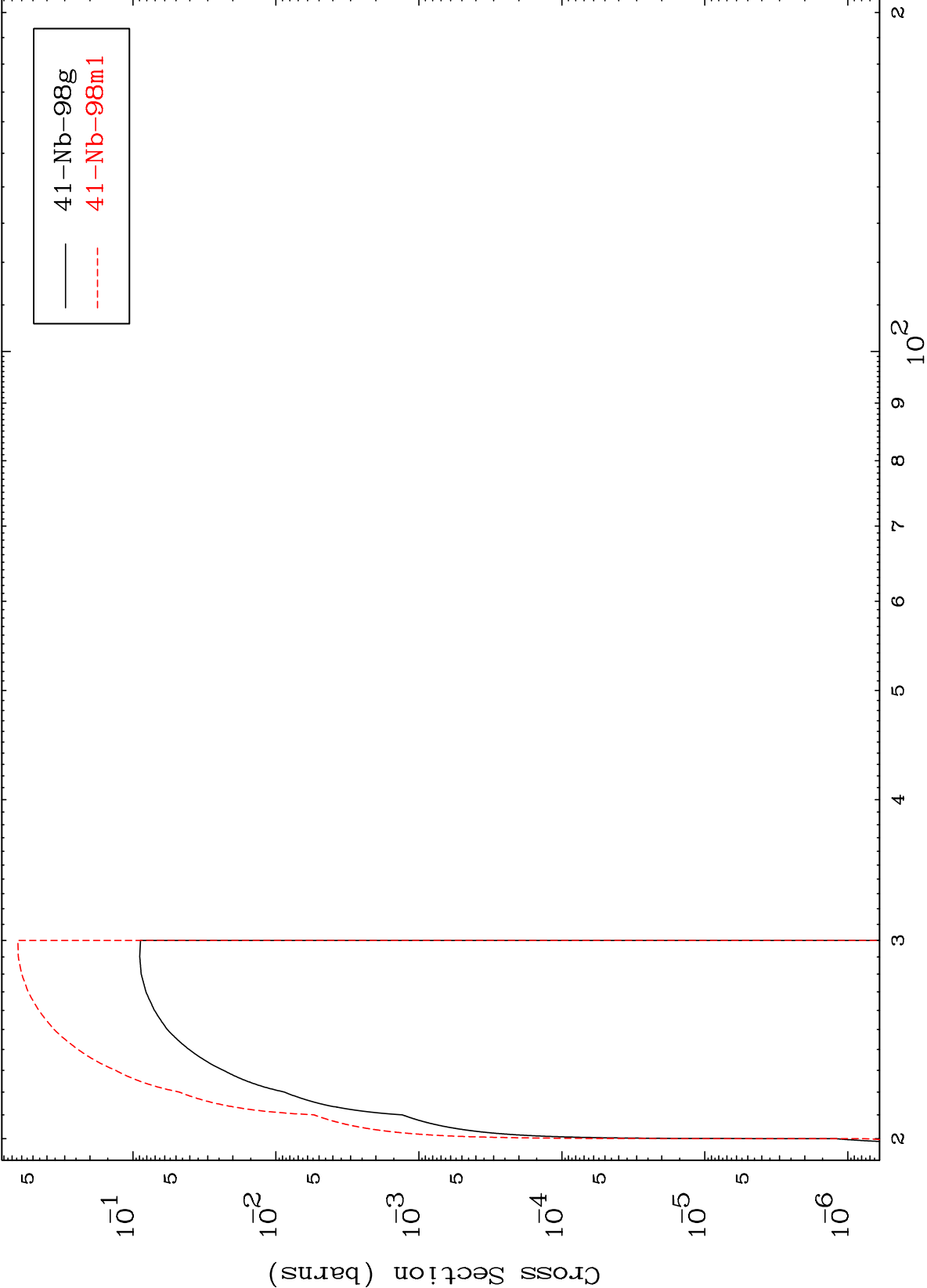
41-Nb-101



MAT 4149

41-Nb-101

$(n,4n)$
Radionuclide Production Cross Section



41-Nb-101

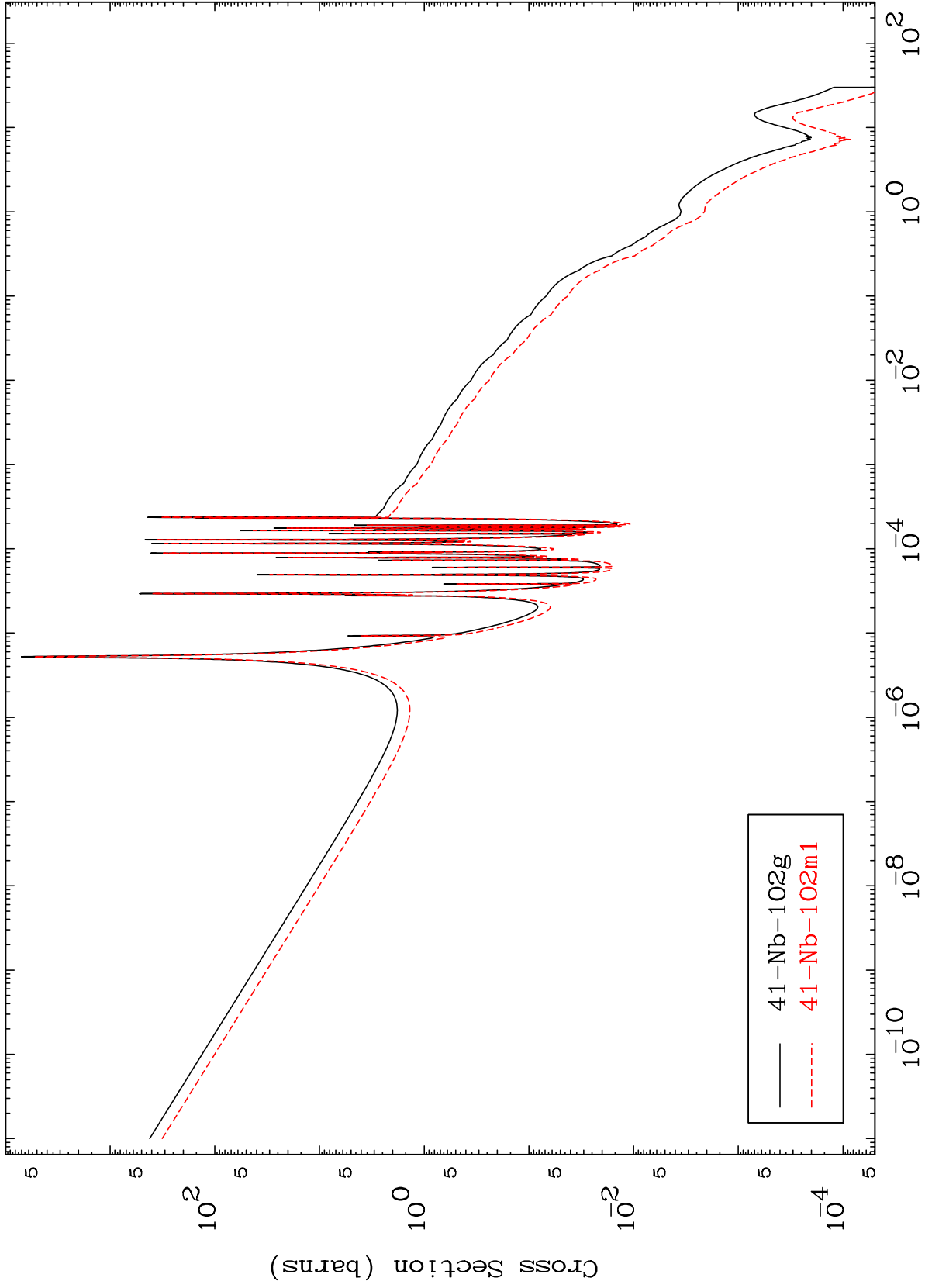
Incident Energy (MeV)

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MAT 4149

41-Nb-101

(n,γ)
Radionuclide Production Cross Section



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41-Nb-101

