

Program EVALPLOT
(Version 2015-2)

by

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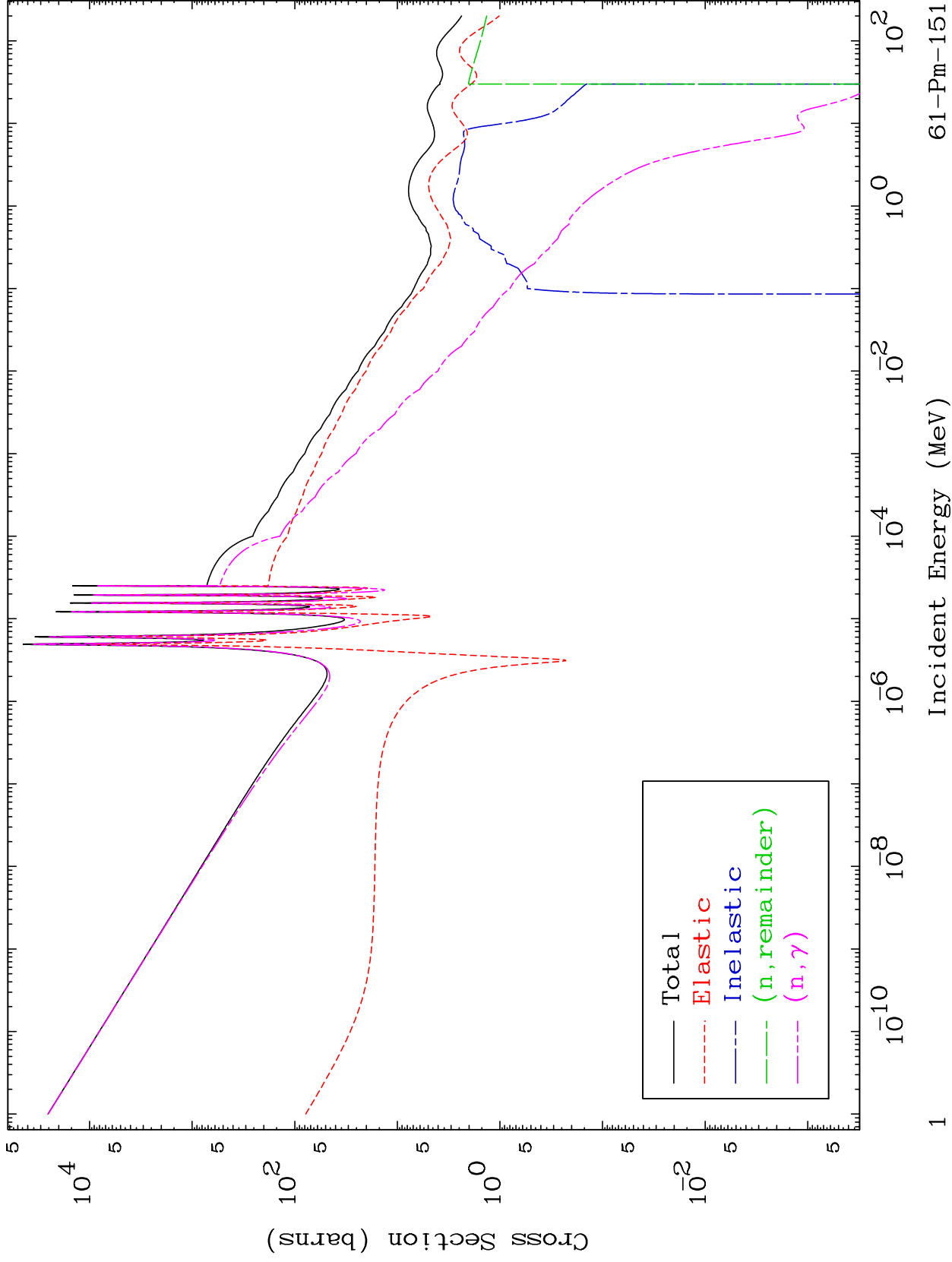
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6161

Major
293 Kelvin Cross Sections

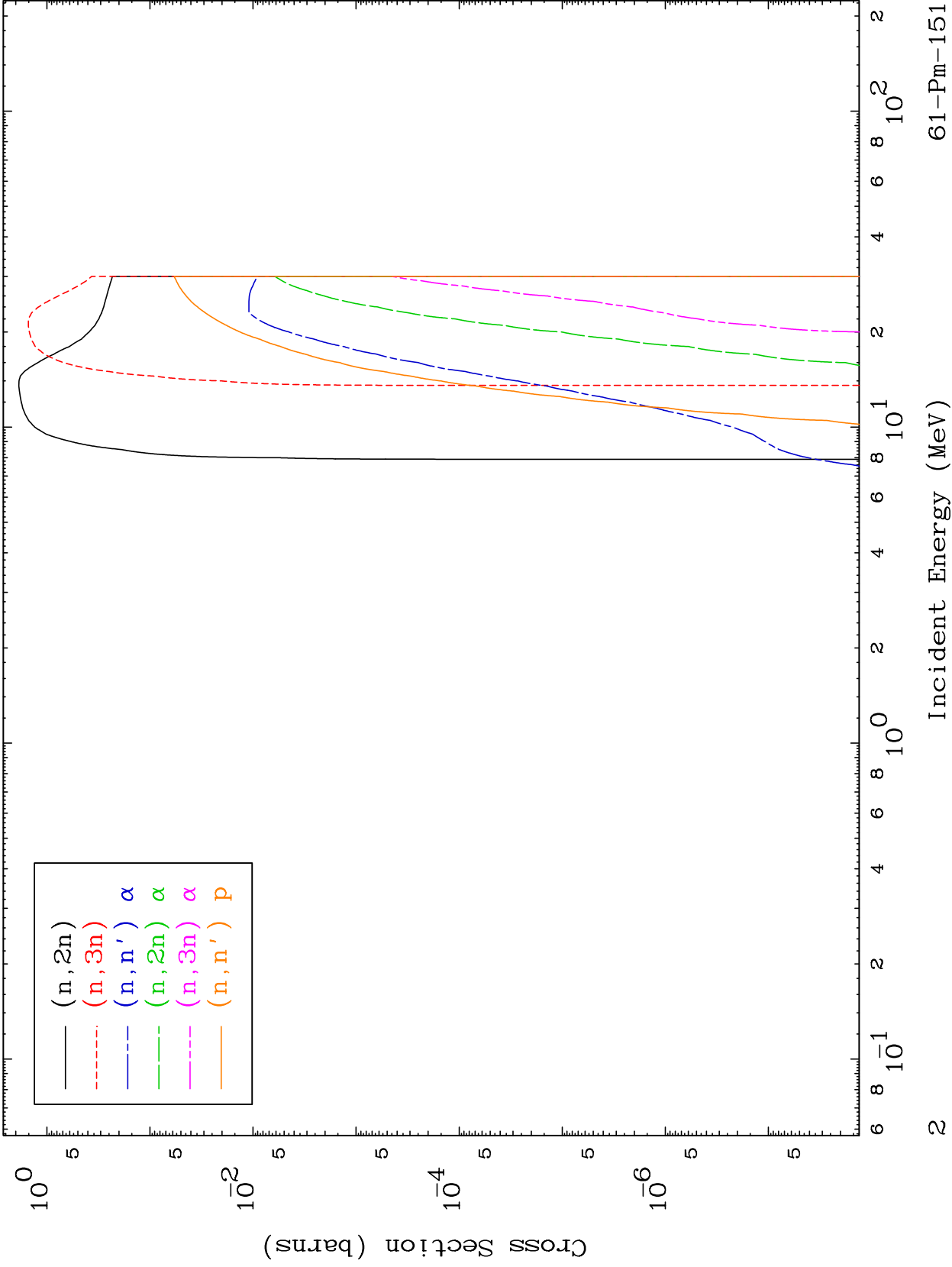
61-Pm-151

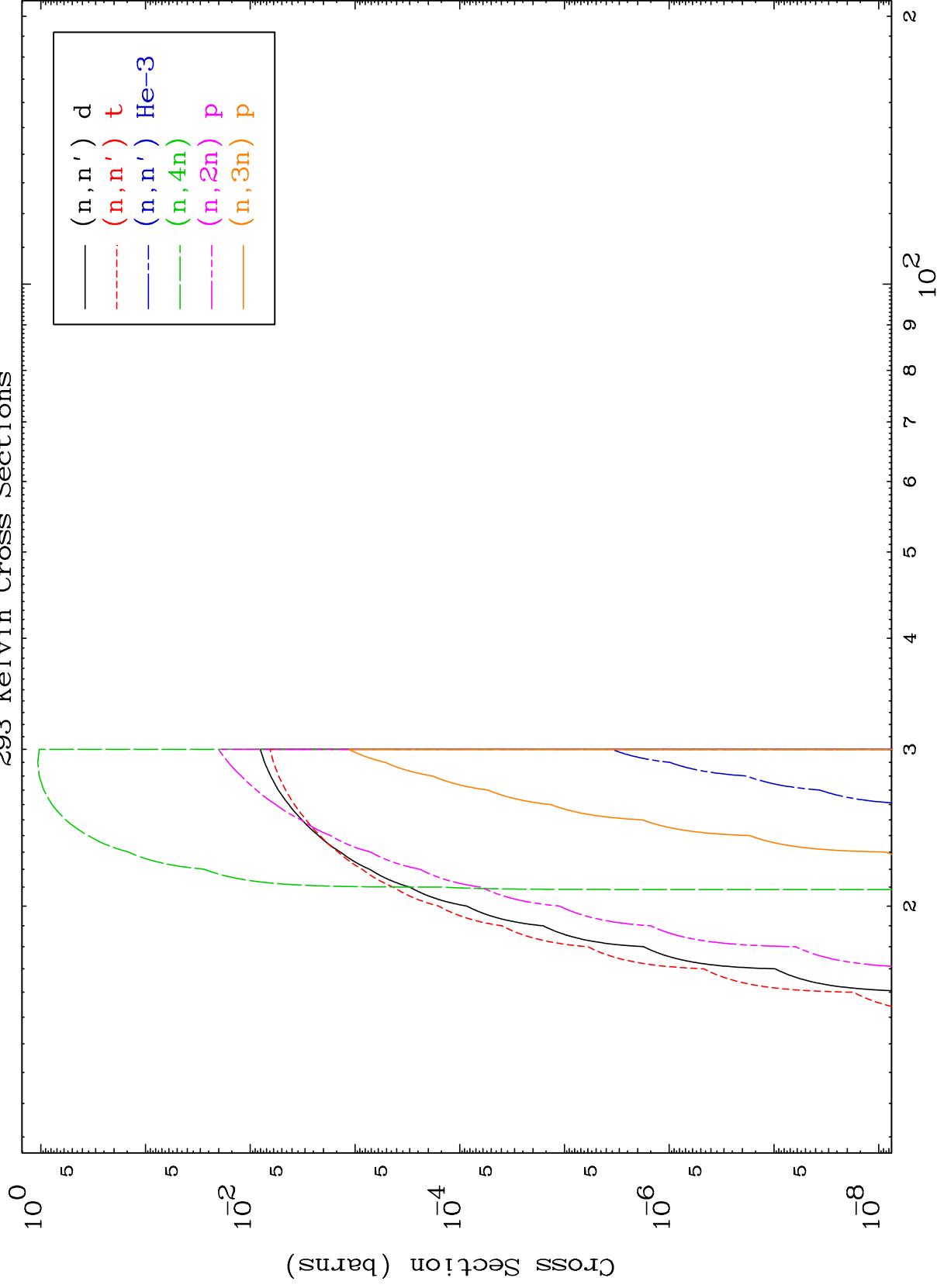


MAT 6161

Neutron Production
293 Kelvin Cross Sections

61-Pm-151

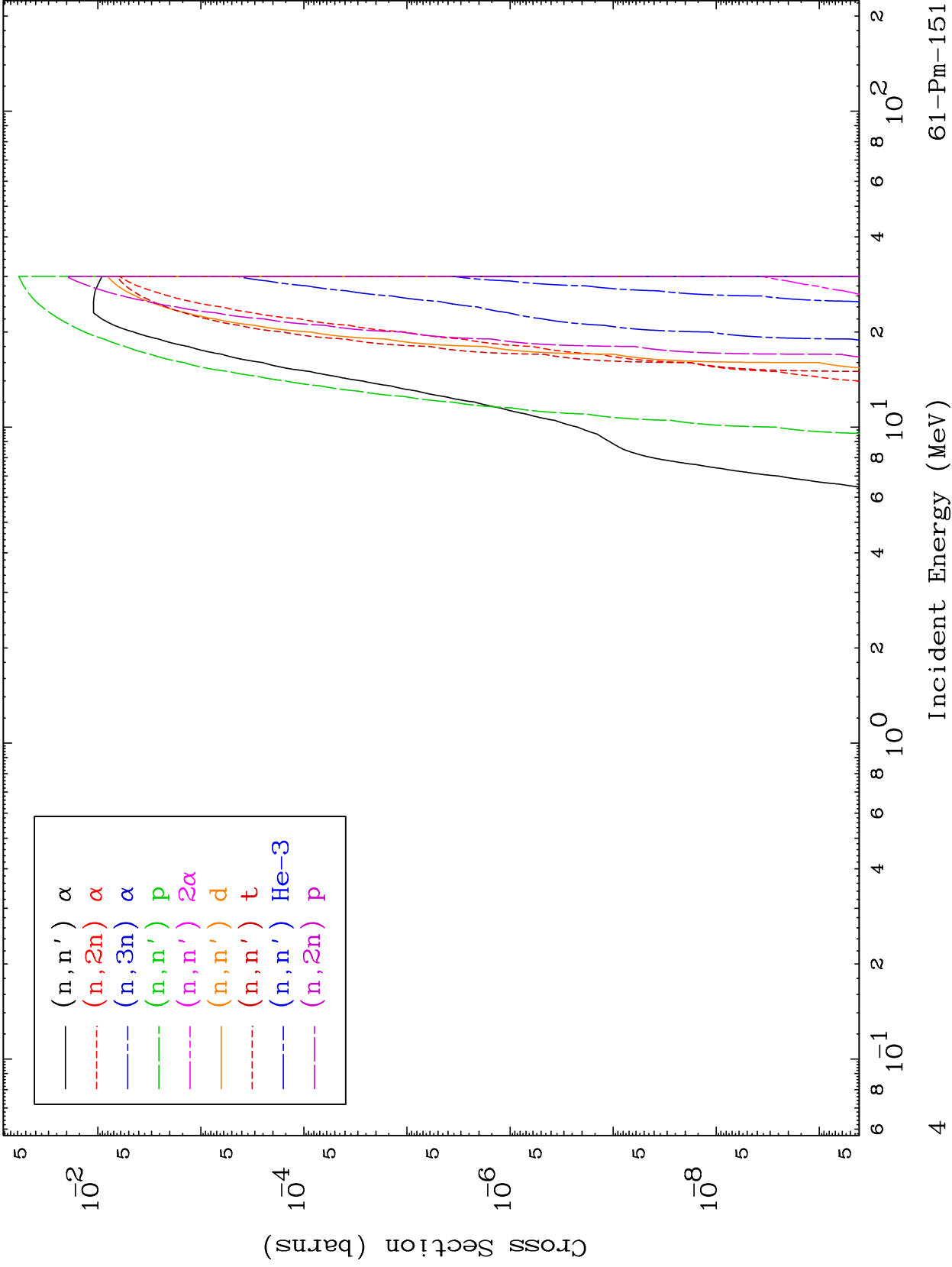


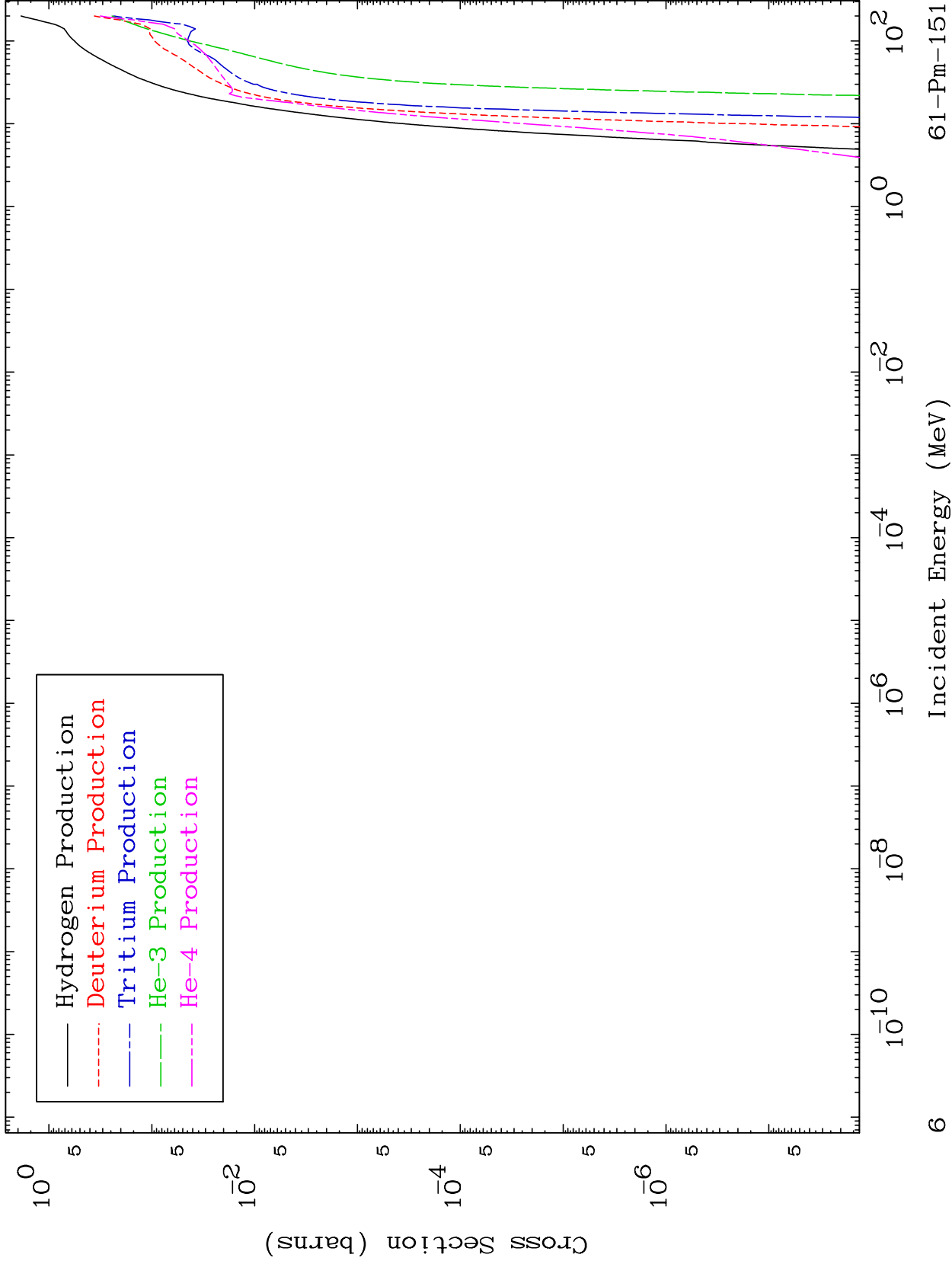


MAT 6161

Charged Particle
293 Kelvin Cross Sections

61-Pm-151

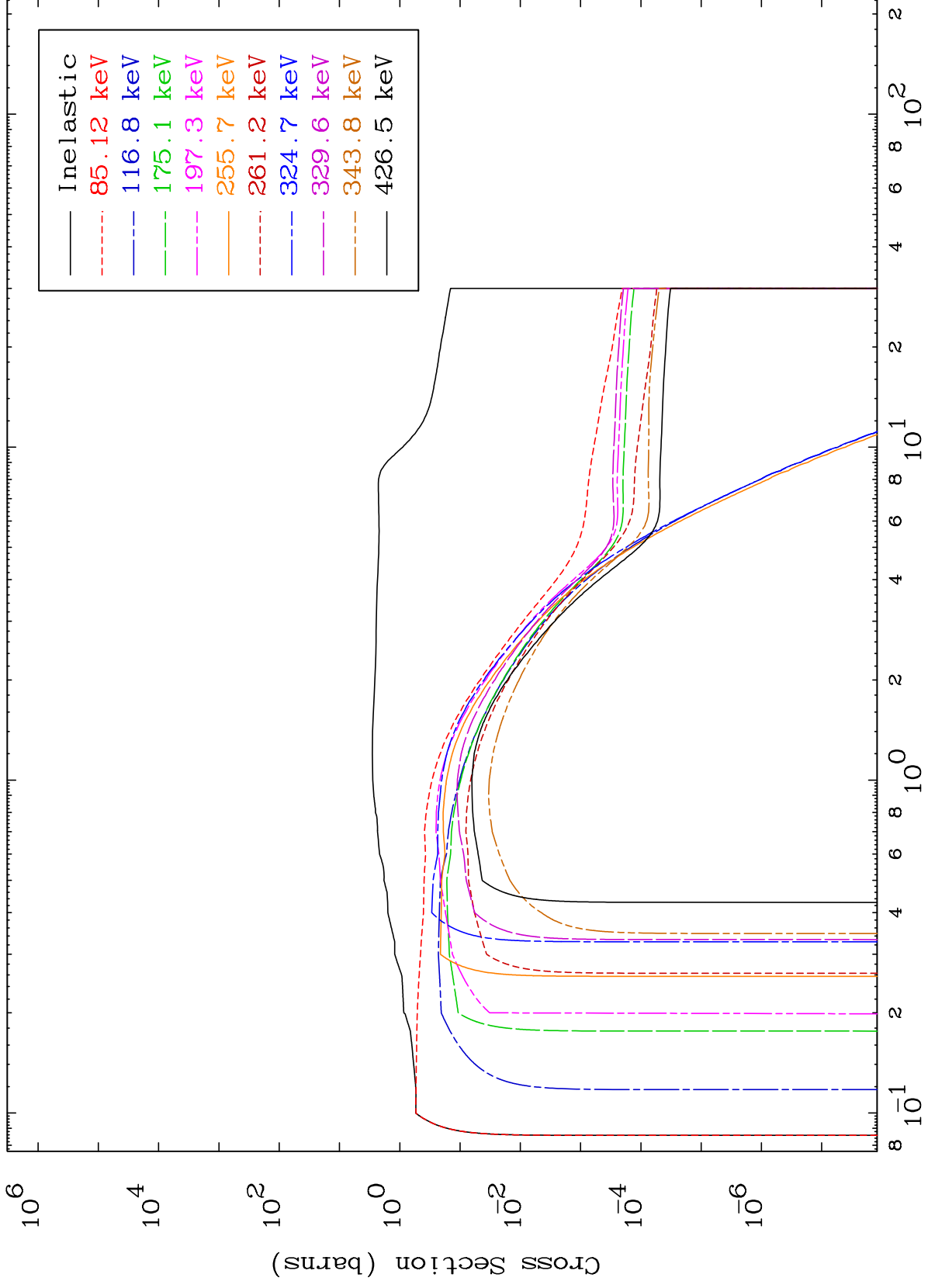




MAT 6161

(n,n') Level
293 Kelvin Cross Sections

61-Pm-151



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Incident Energy (MeV)

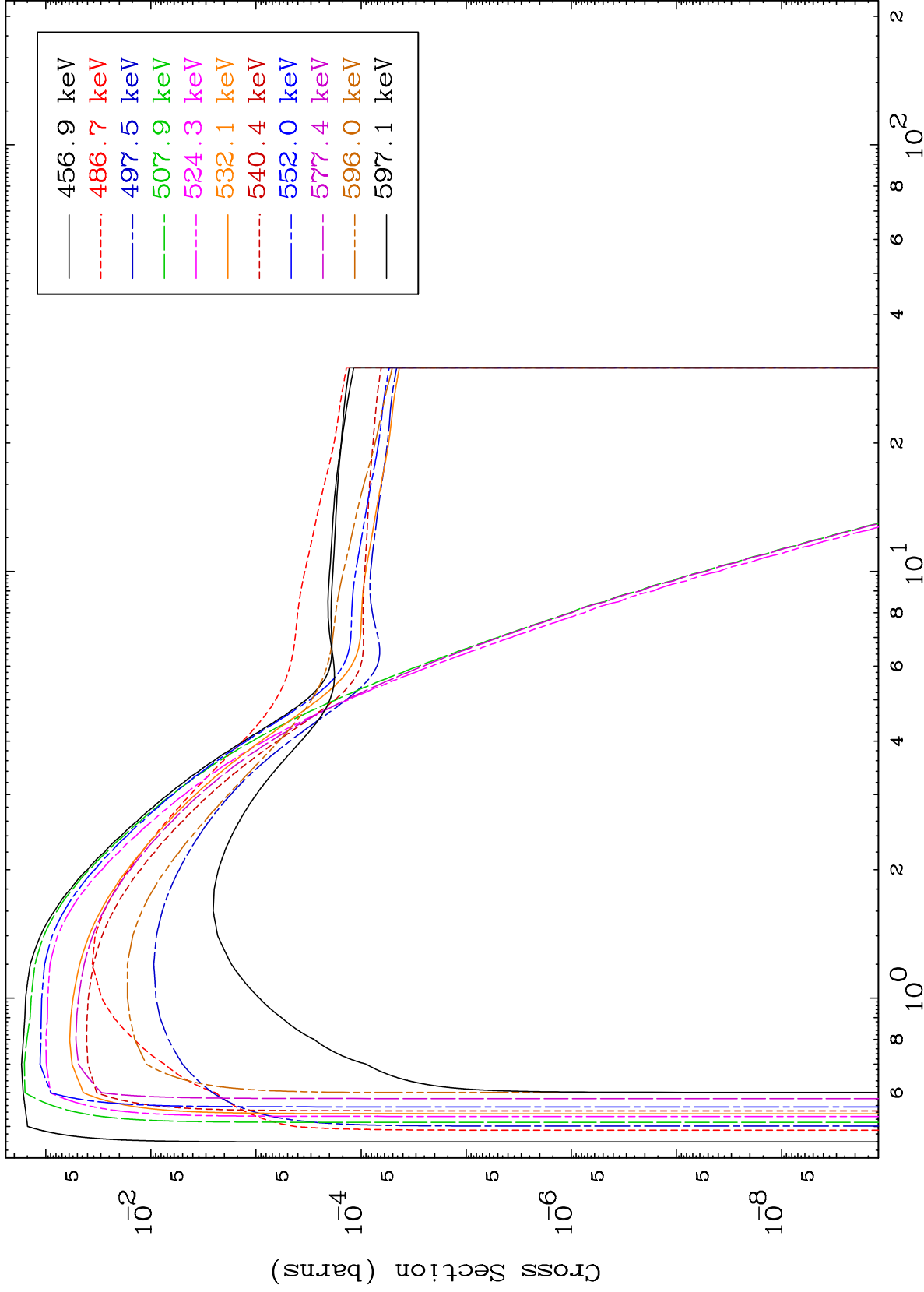
61-Pm-151

MAT 6161

(n,n') Level

61-Pm-151

293 Kelvin Cross Sections



8

Incident Energy (MeV)

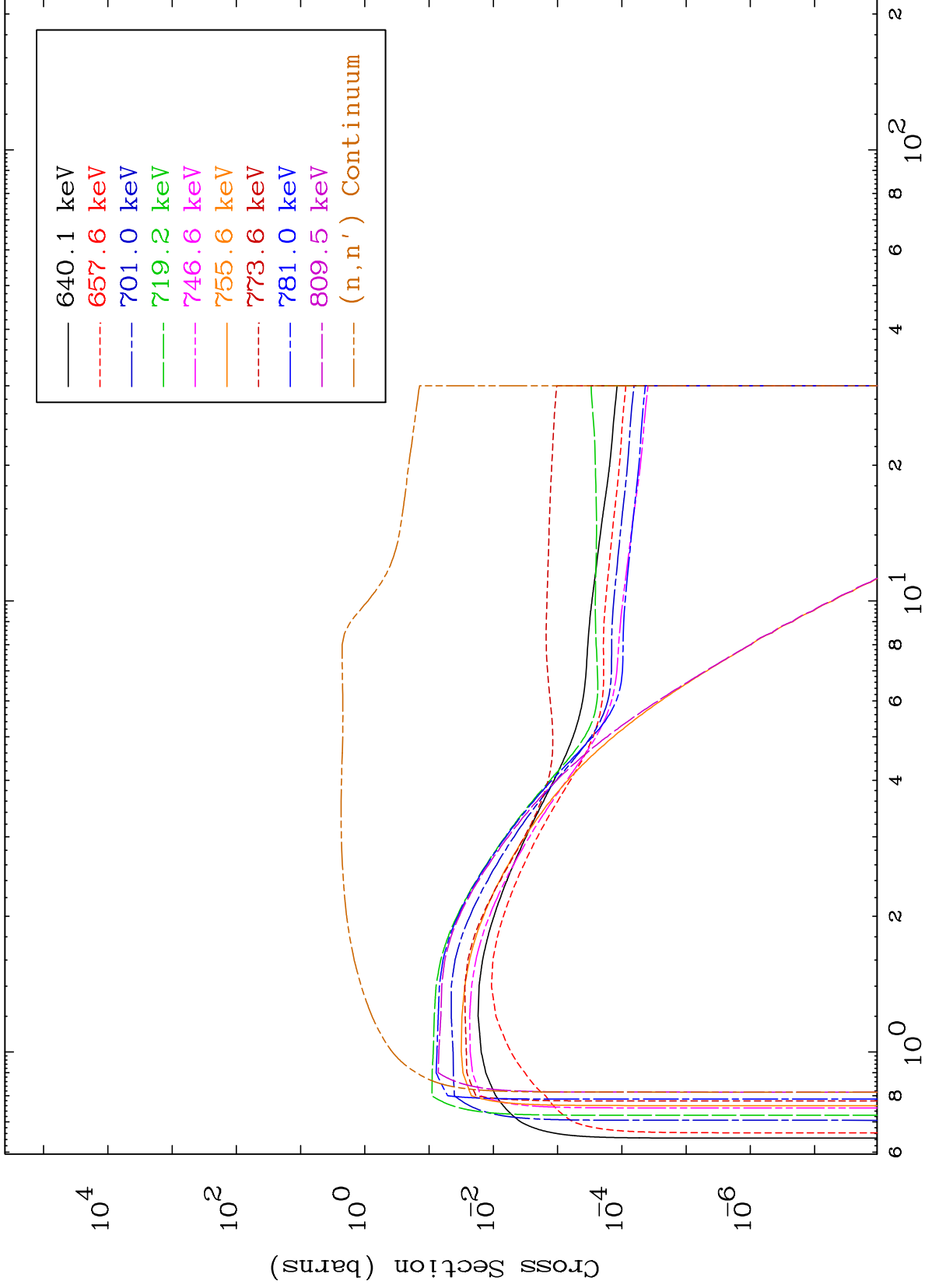
61-Pm-151

MAT 6161

(n,n') Level

61-Pm-151

293 Kelvin Cross Sections



9

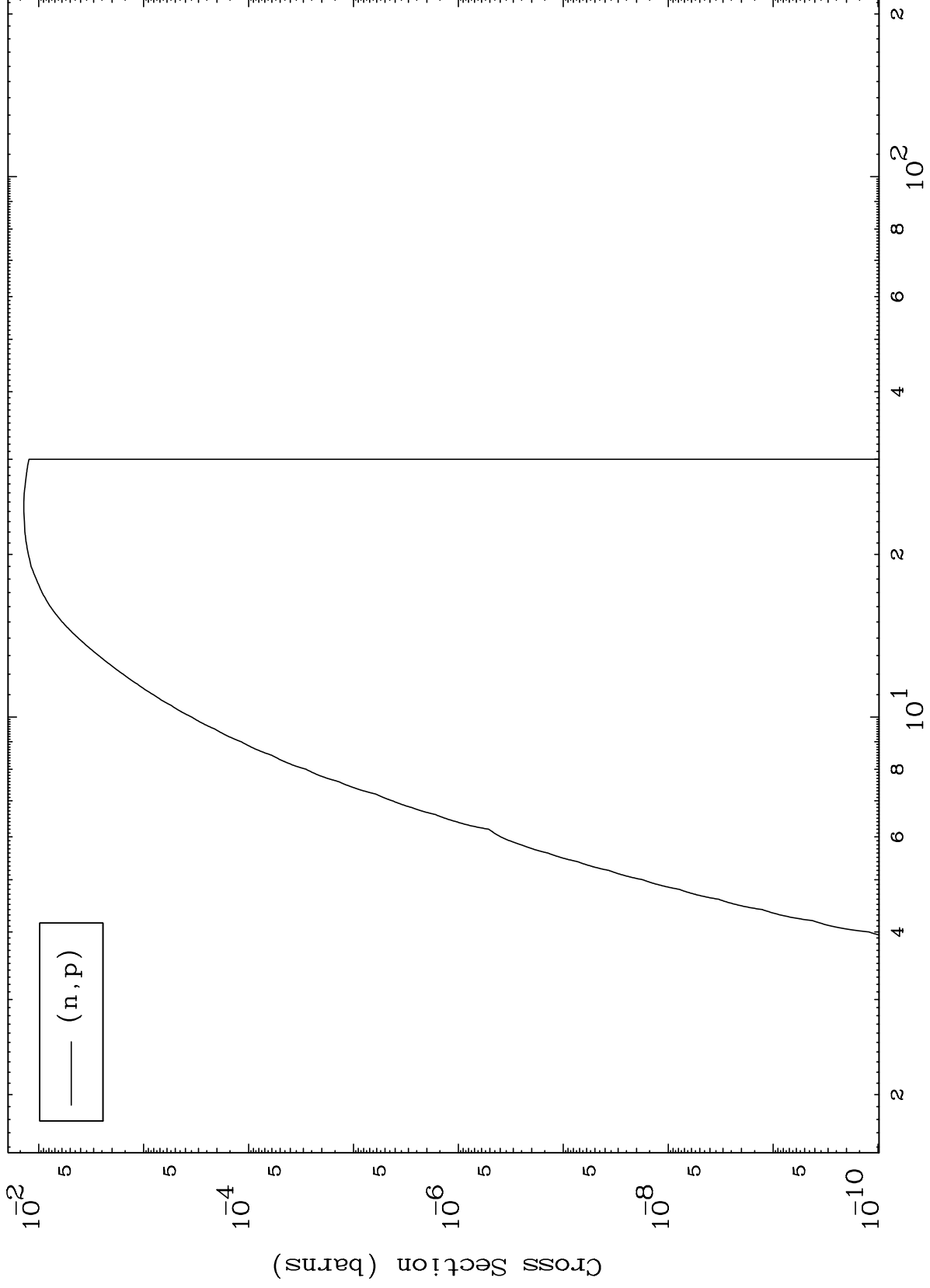
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-151



10

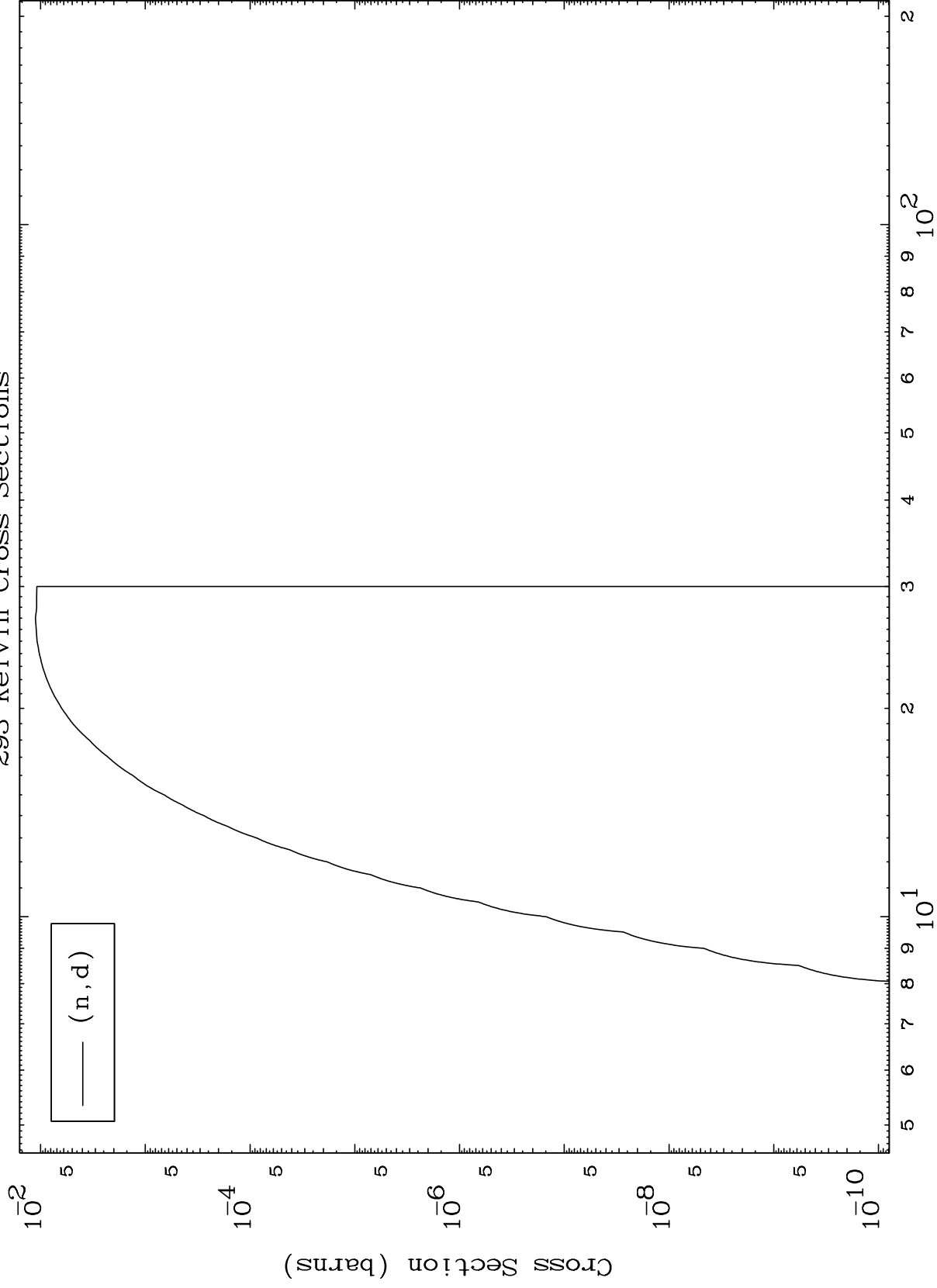
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-151



11

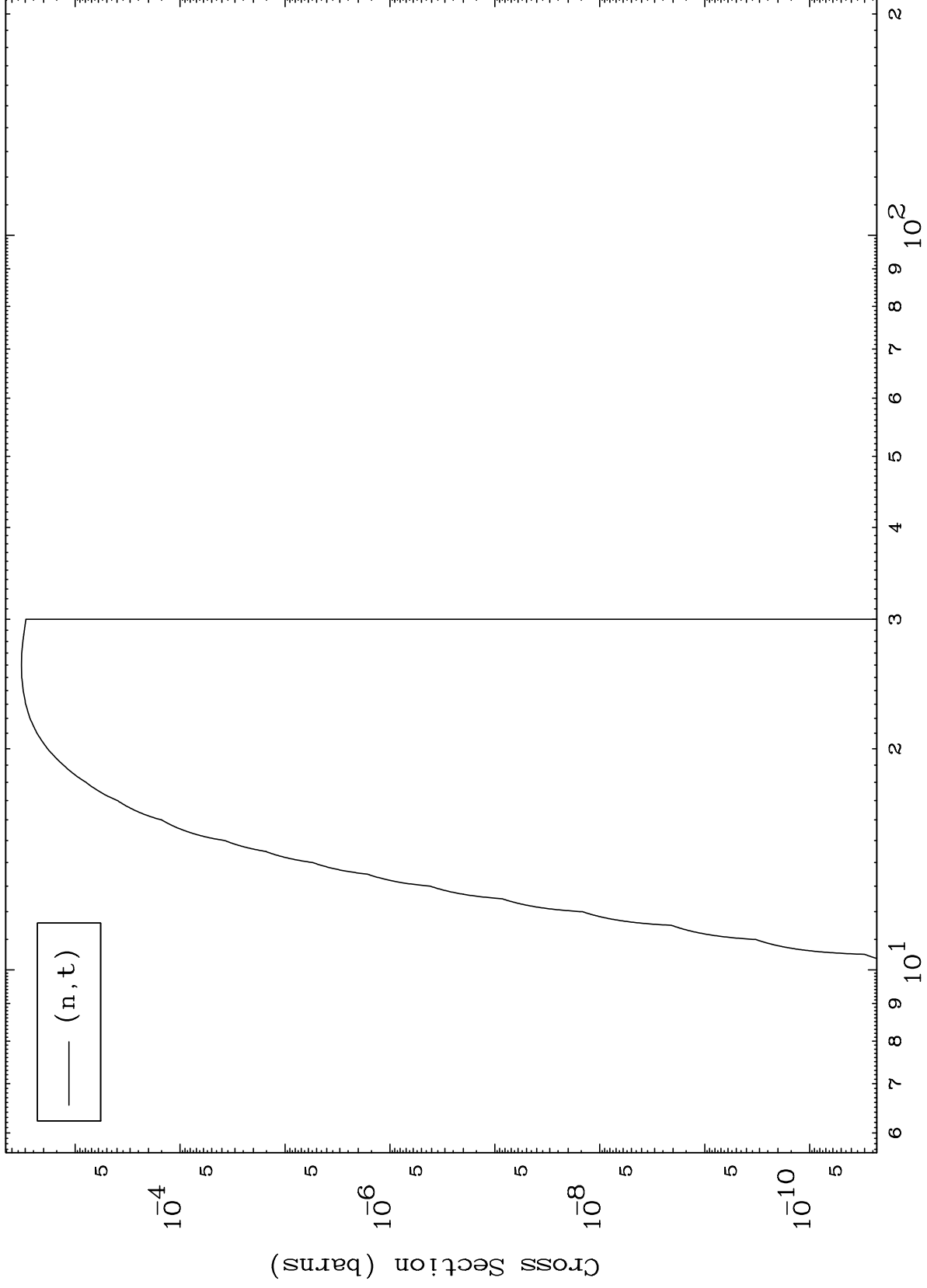
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n, t) Levels
293 Kelvin Cross Sections

61-Pm-151



12

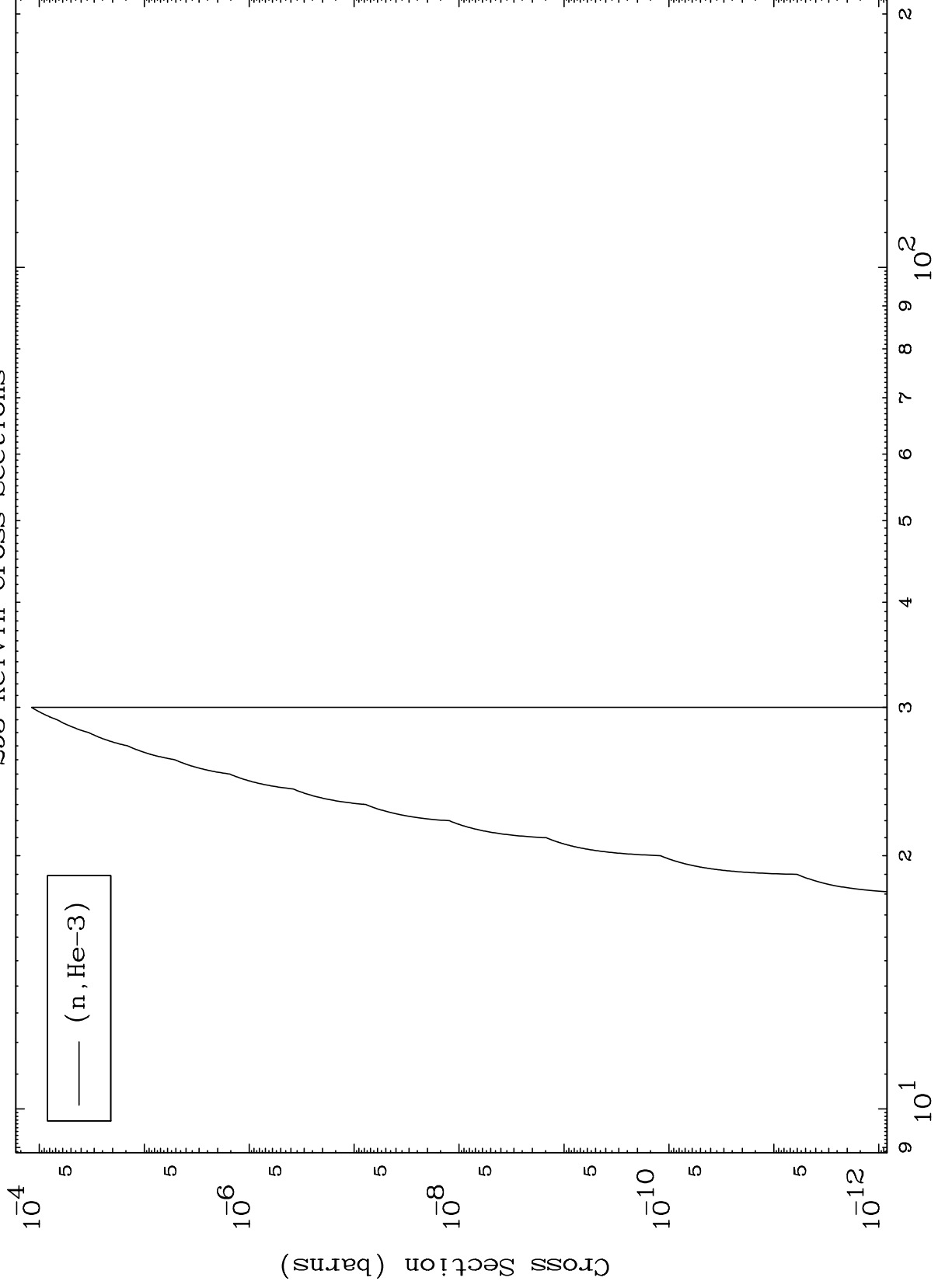
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-151



13

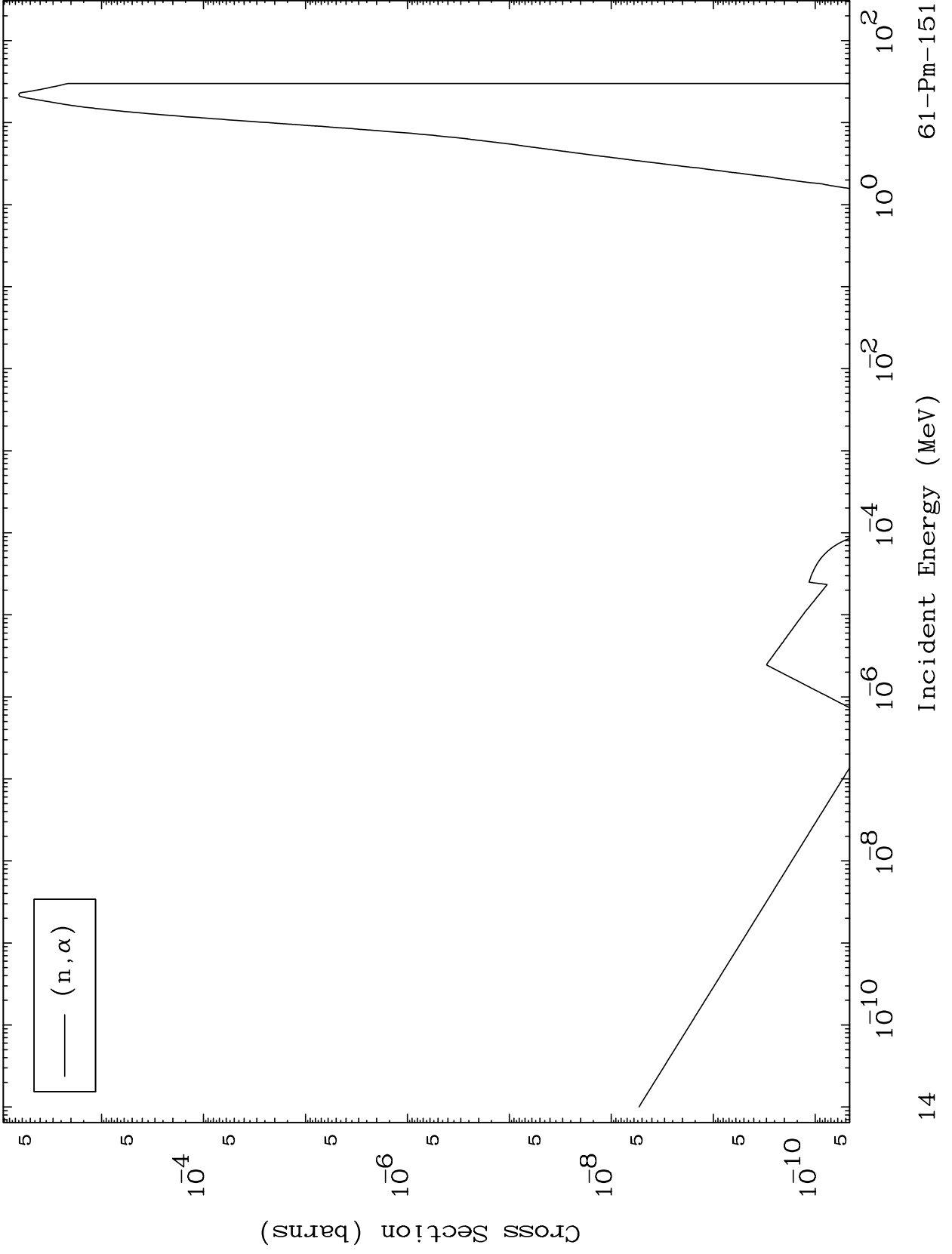
Incident Energy (MeV)

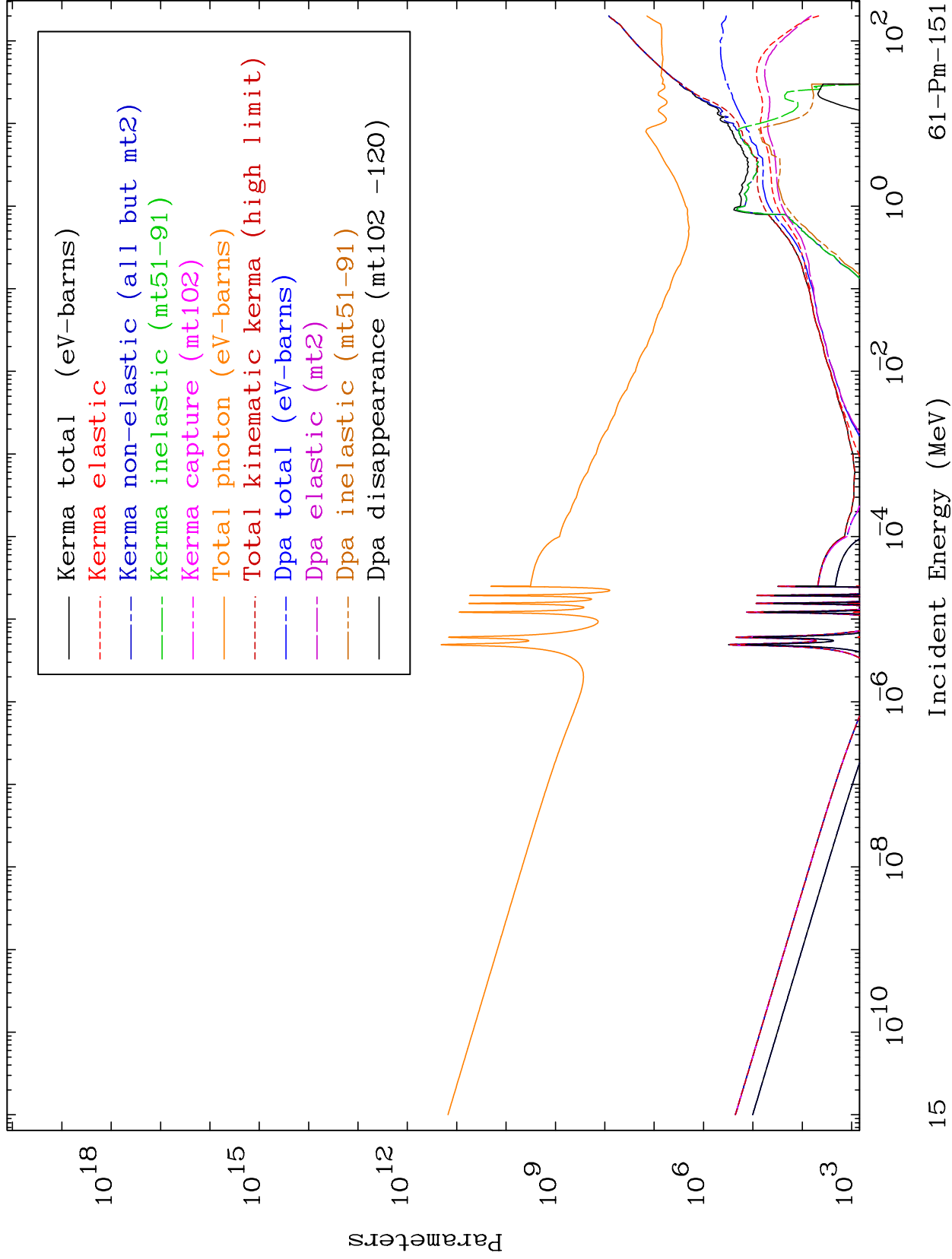
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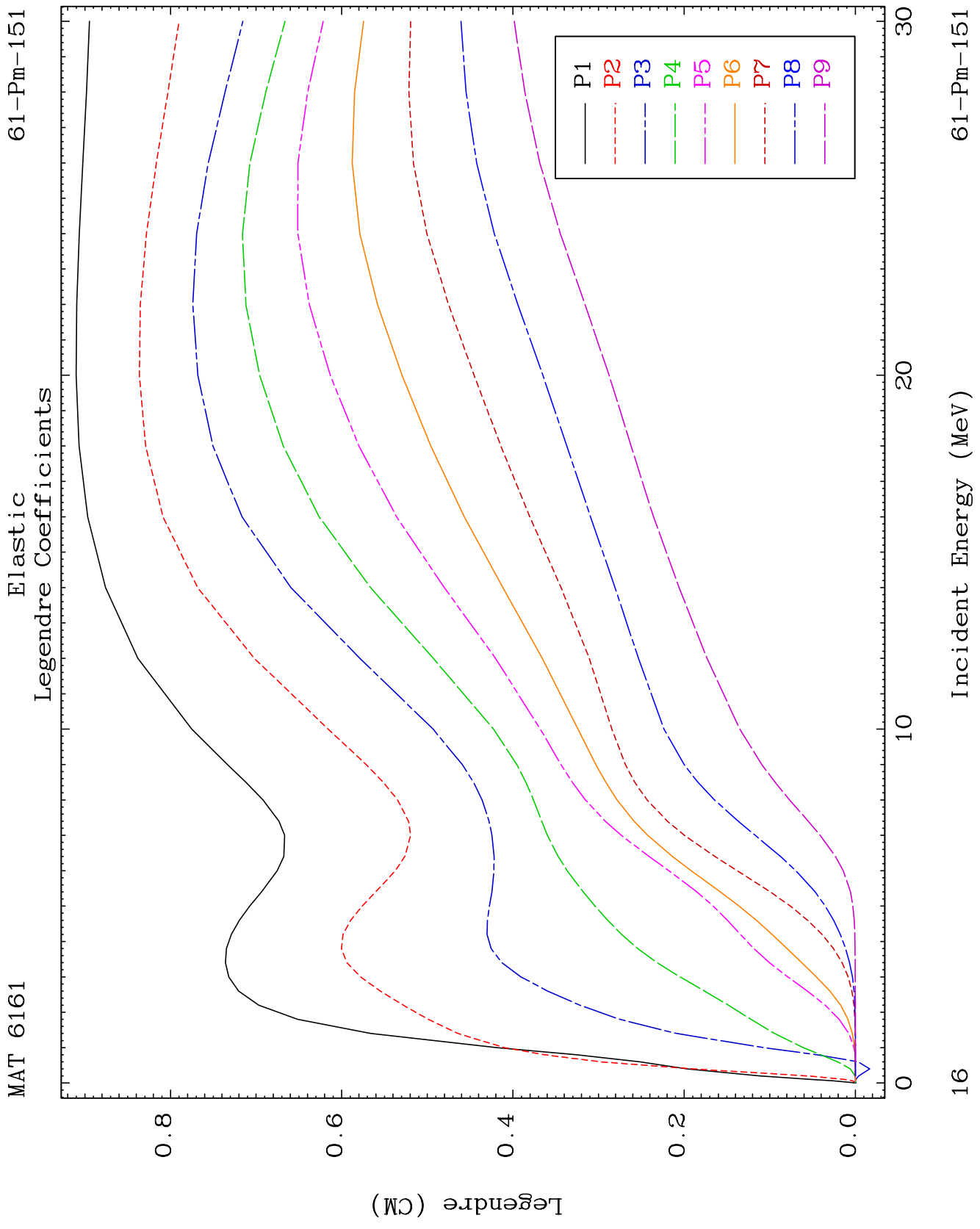
MAT 6161

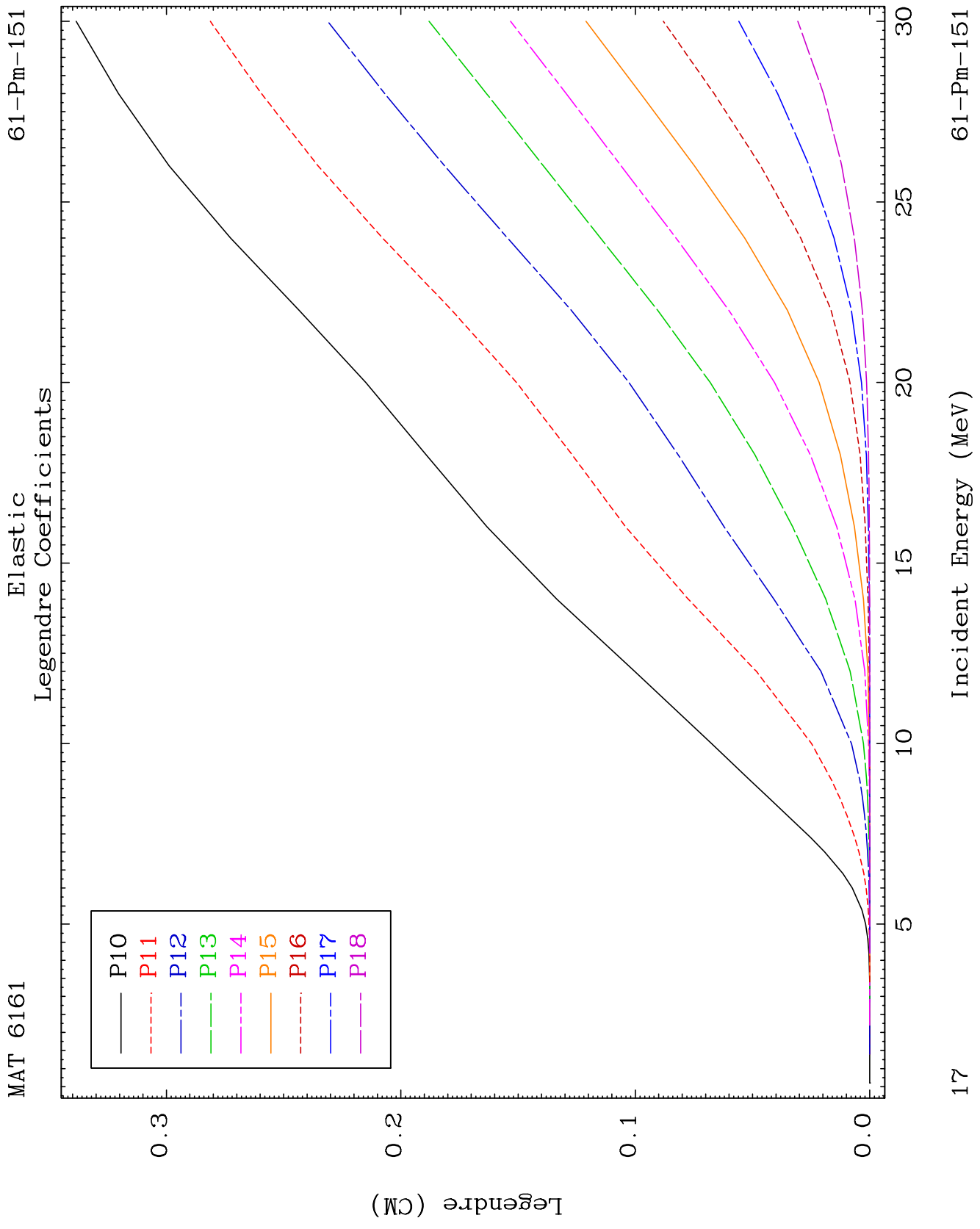
(n, α) Levels
293 Kelvin Cross Sections

61-Pm-151





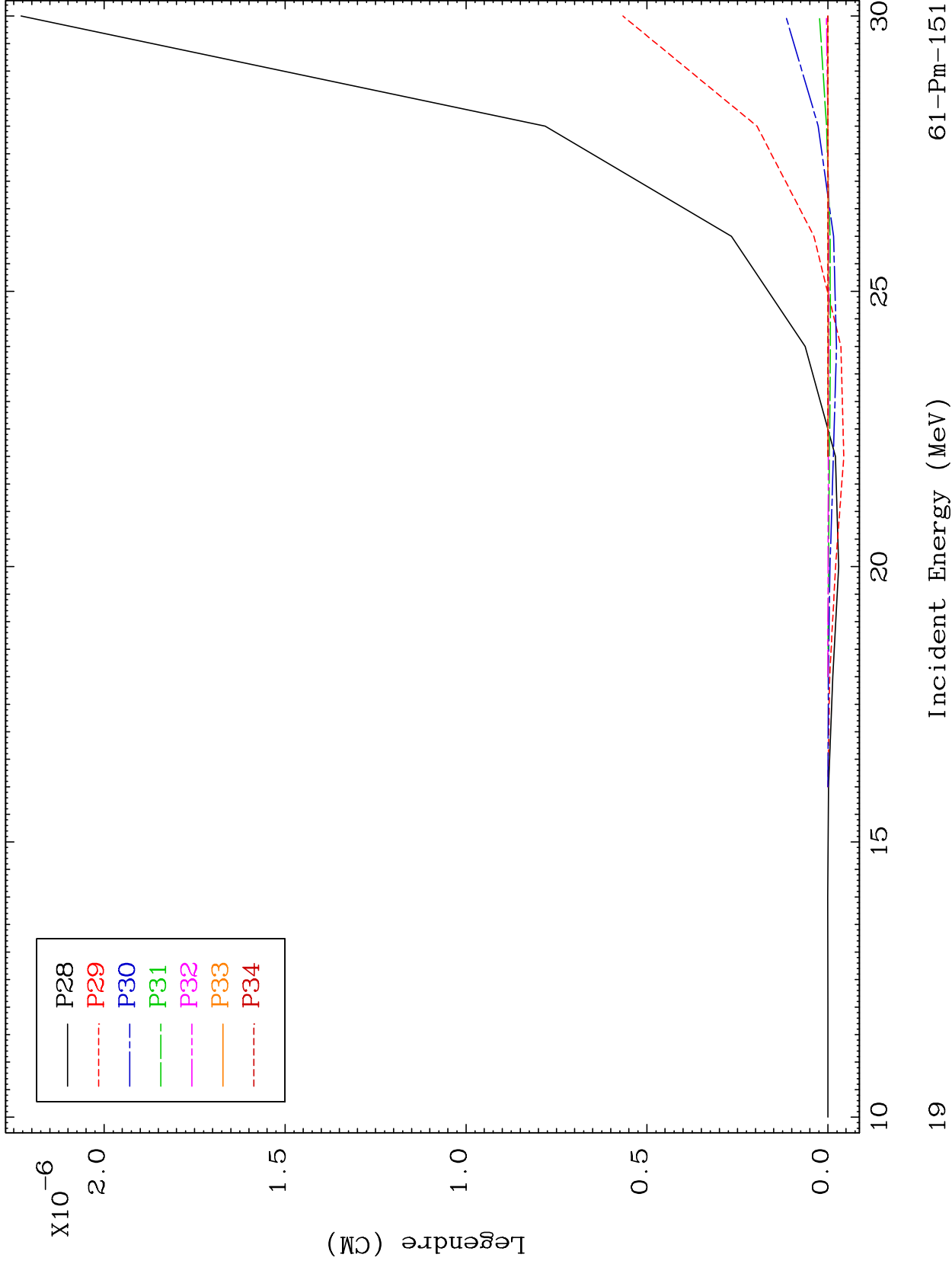




MAT 6161

Elastic
Legendre Coefficients

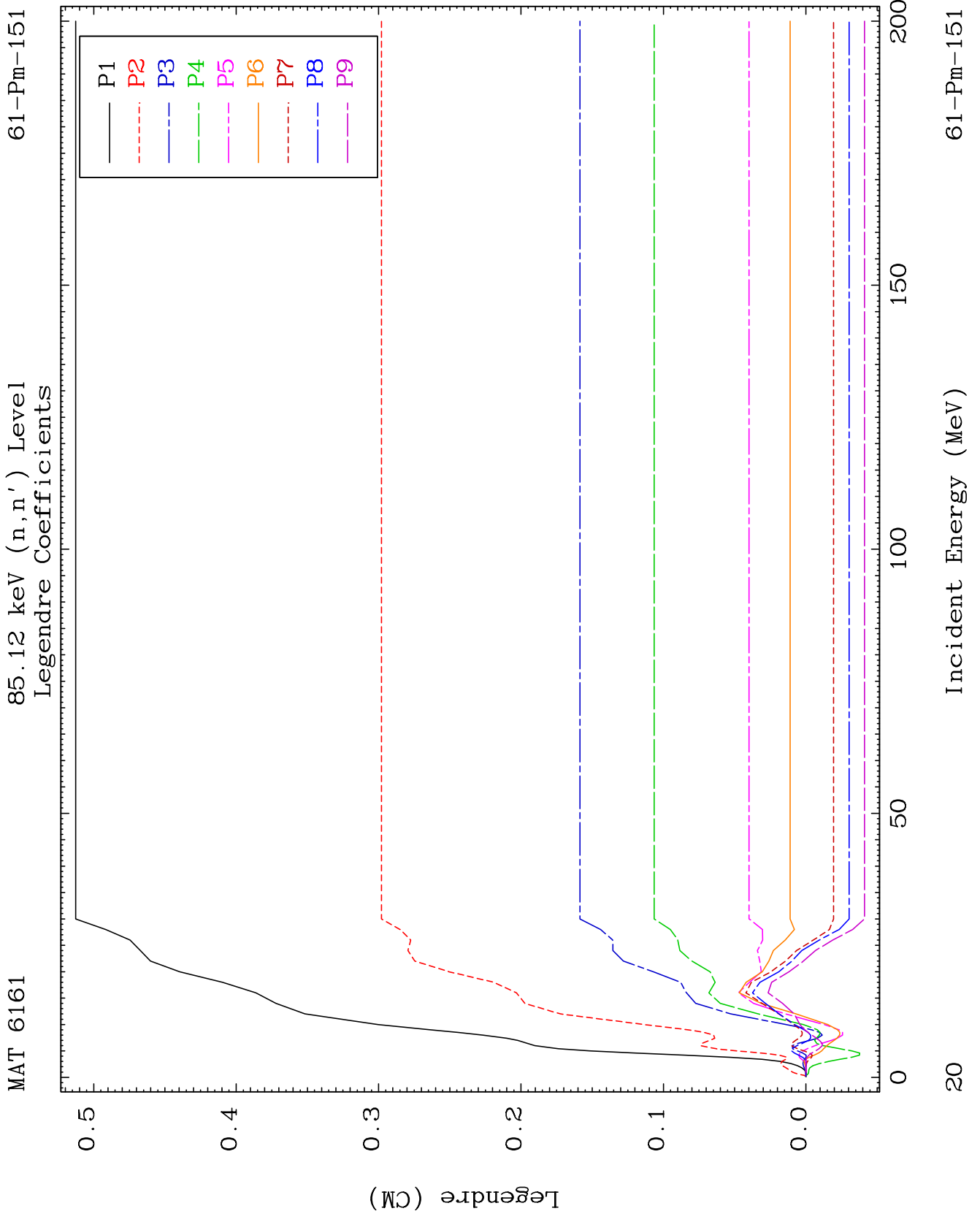
61-Pm-151

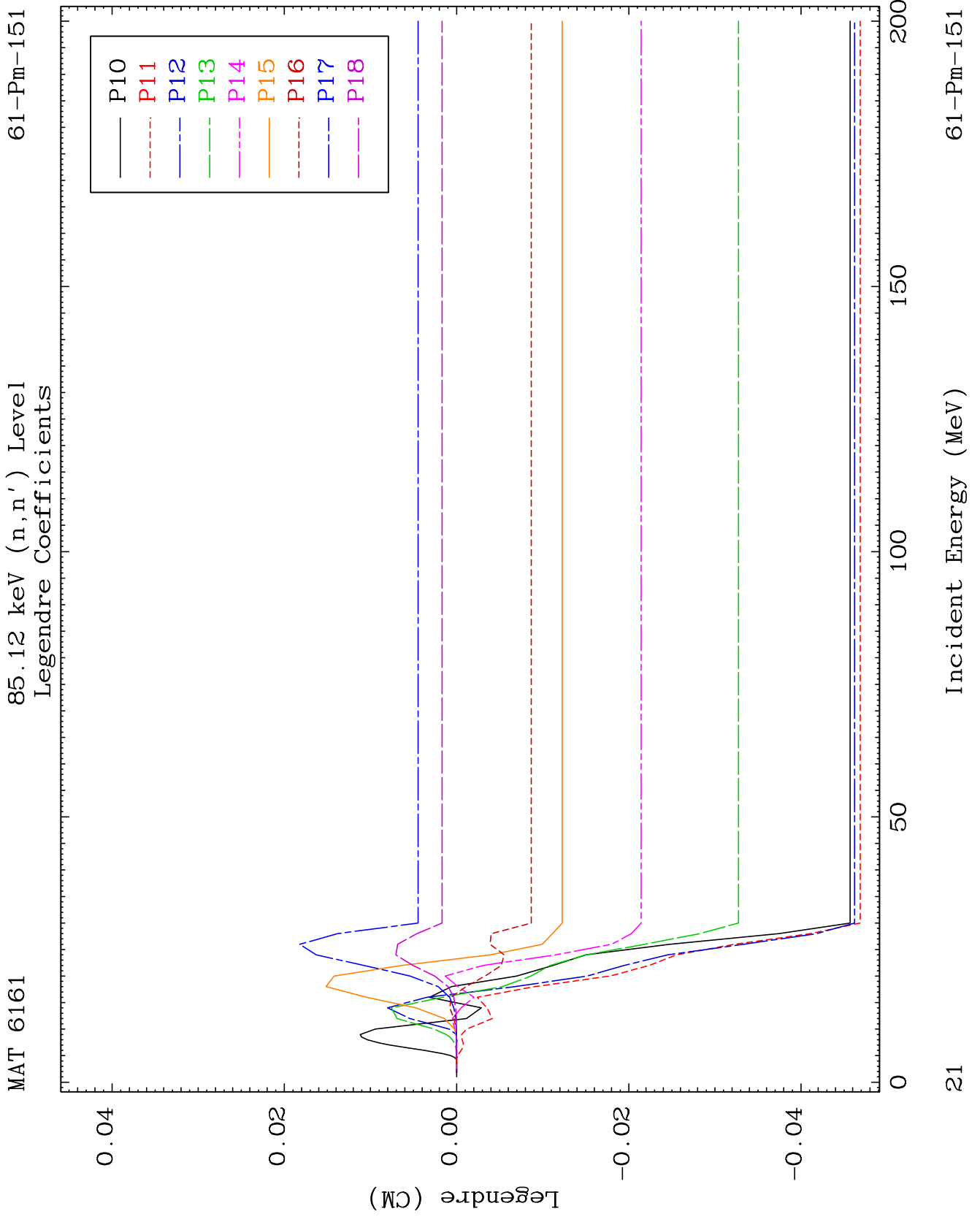


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Incident Energy (MeV)

61-Pm-151

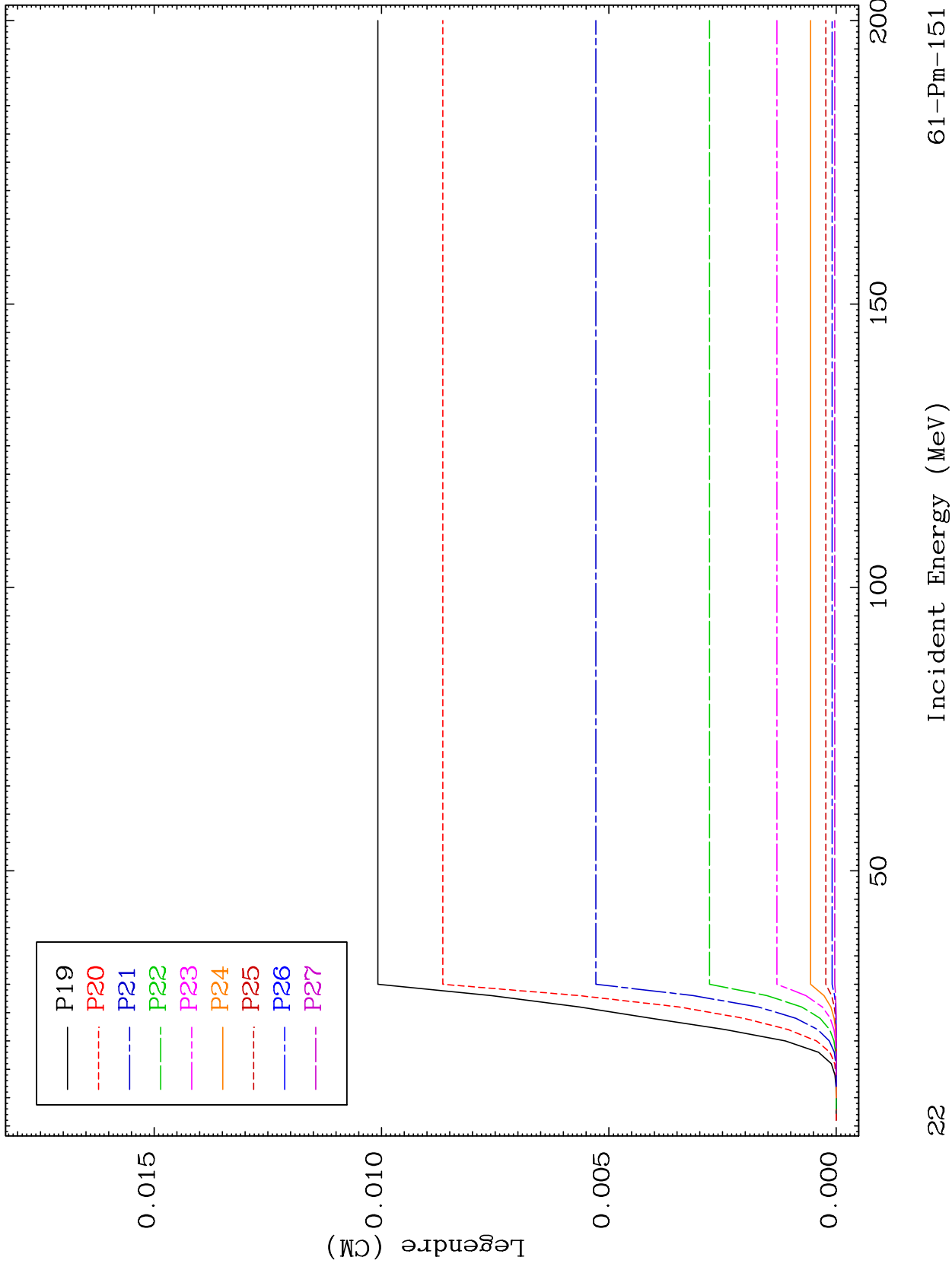




MAT 6161

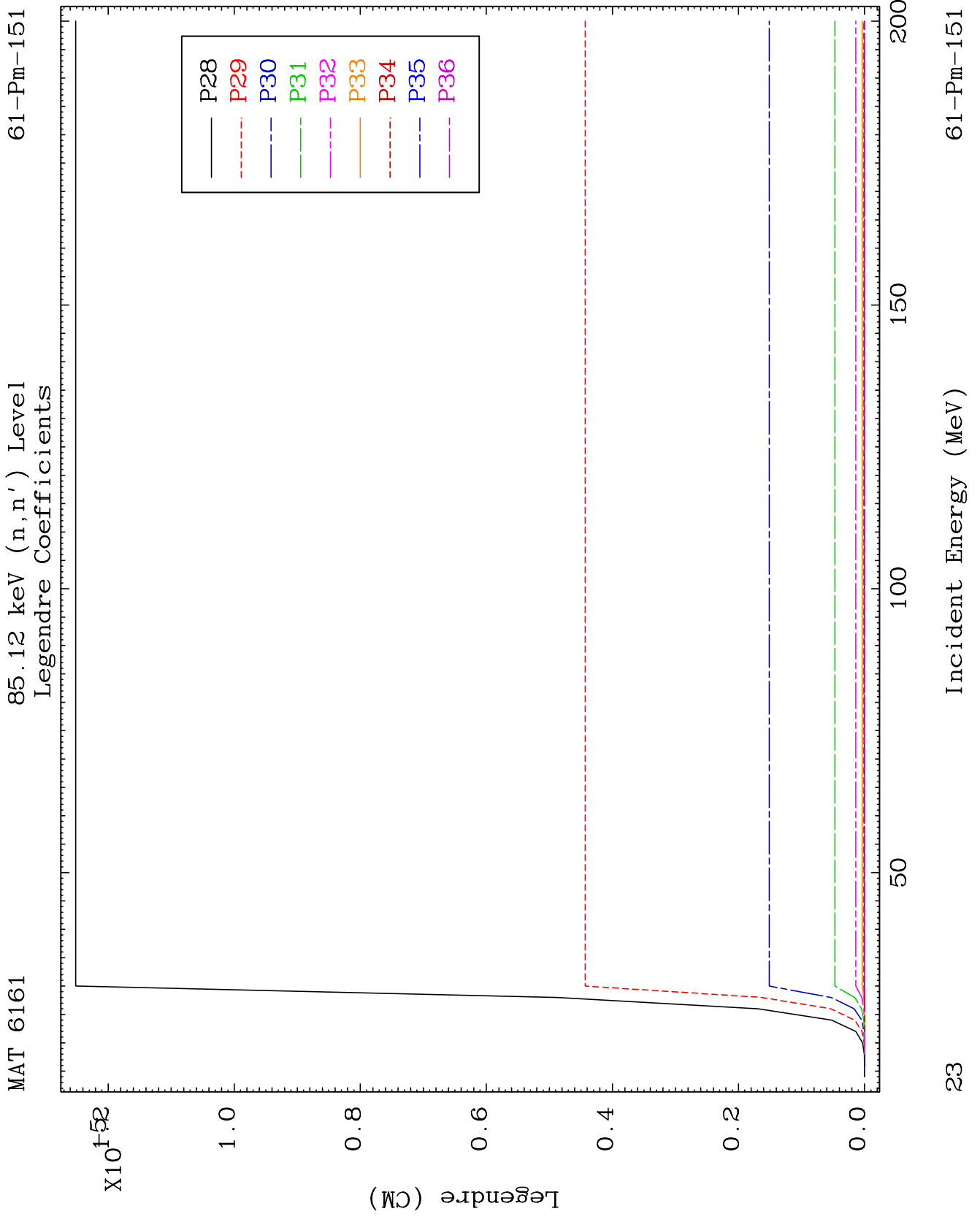
85.12 keV (n,n') Level
Legendre Coefficients

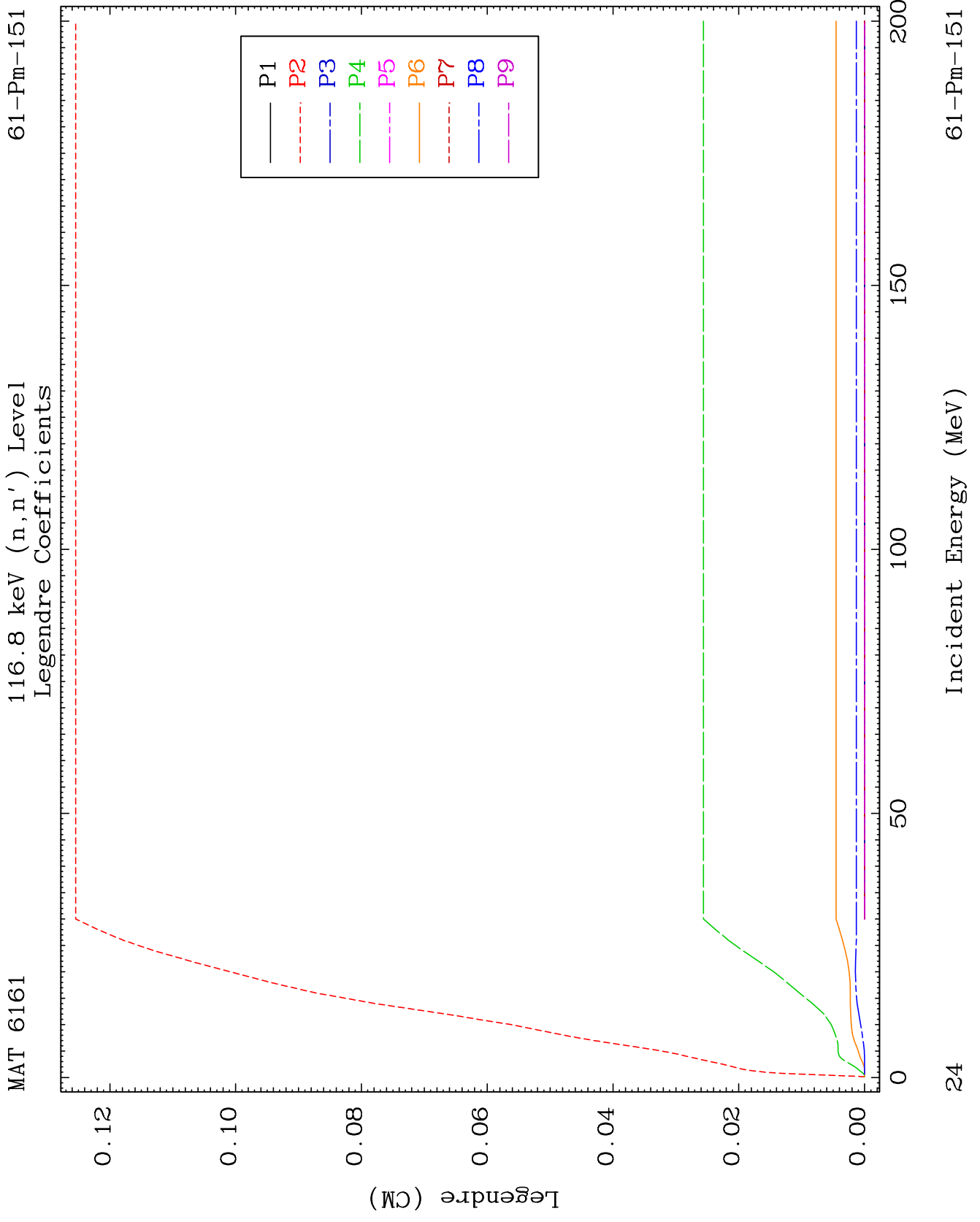
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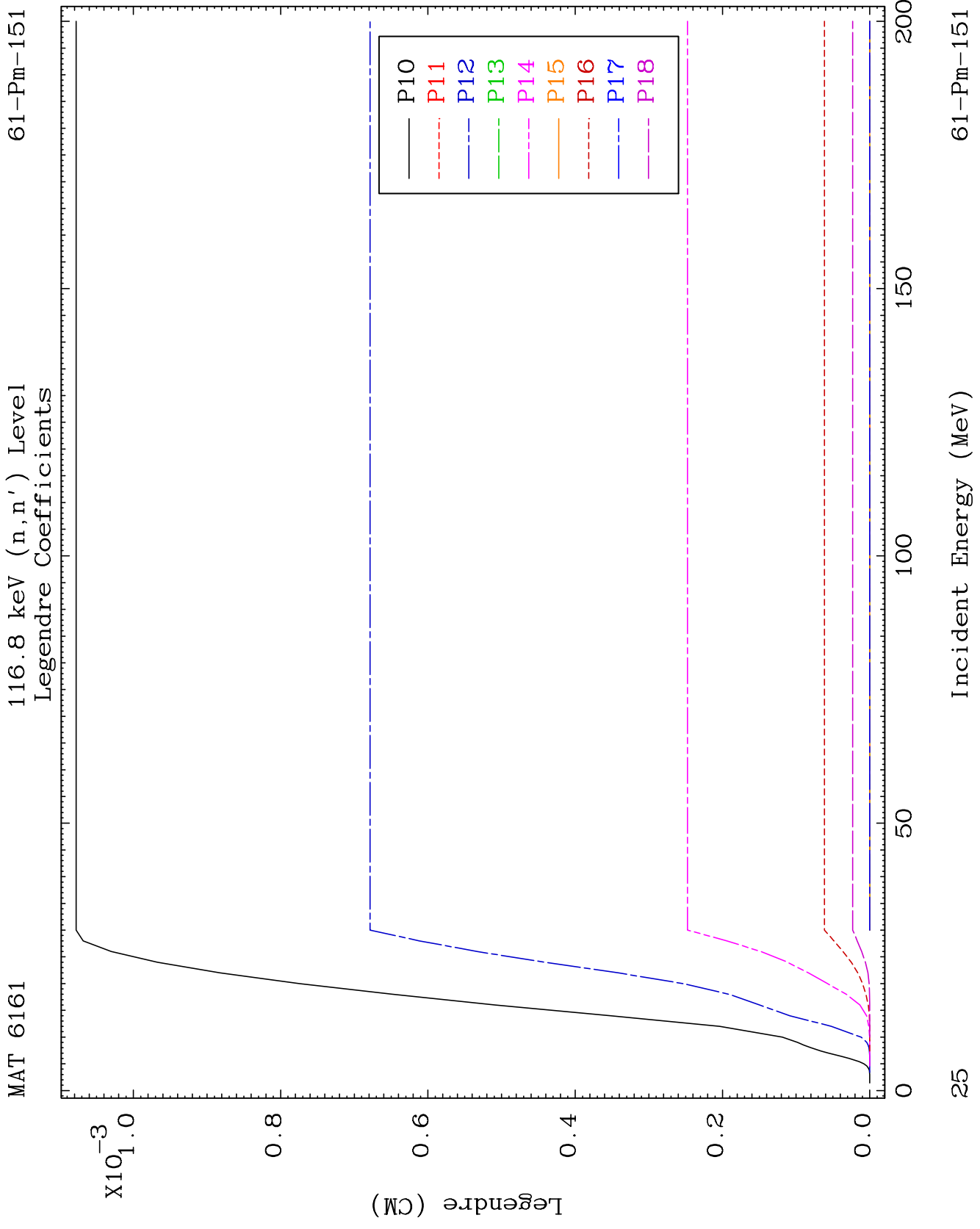


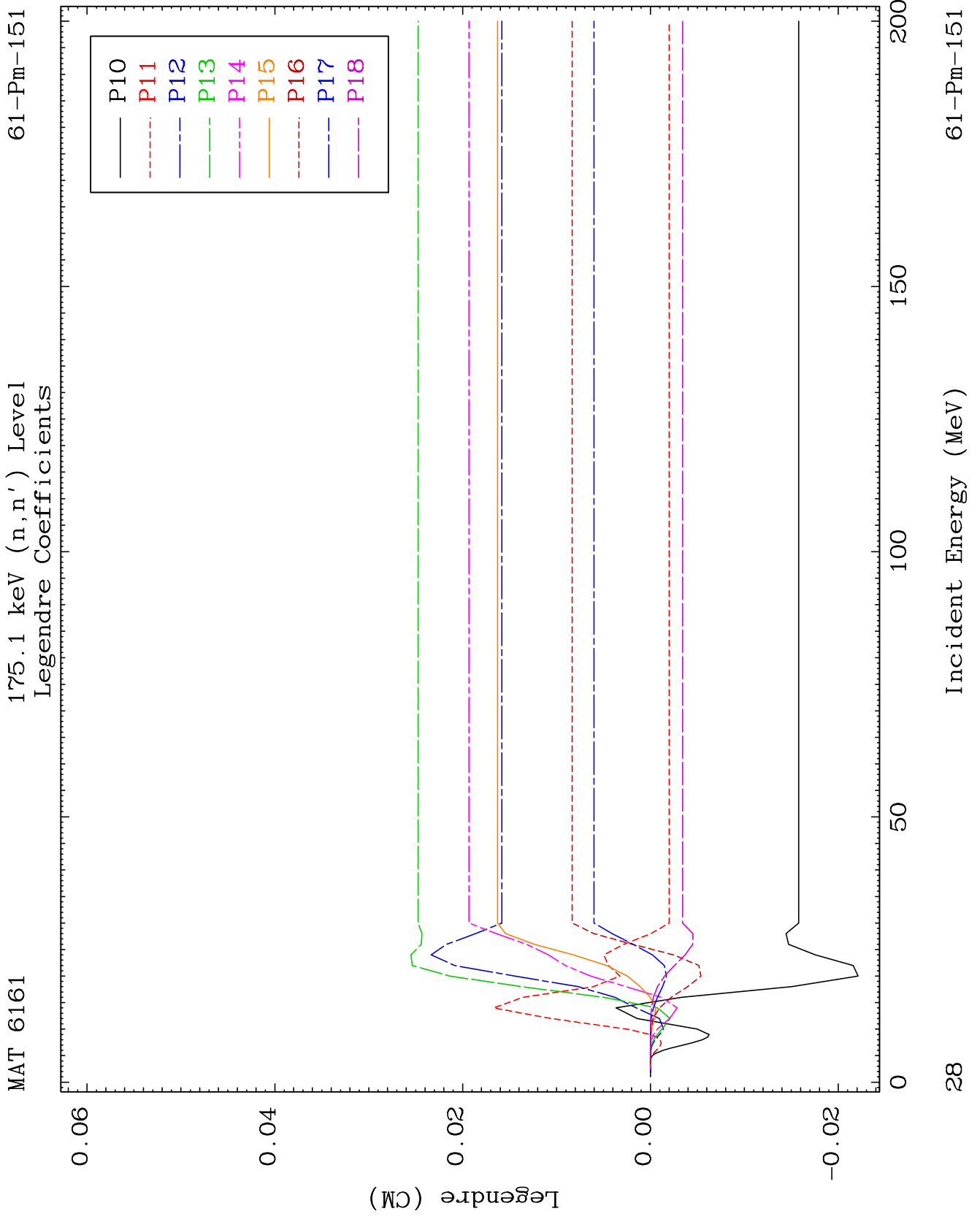
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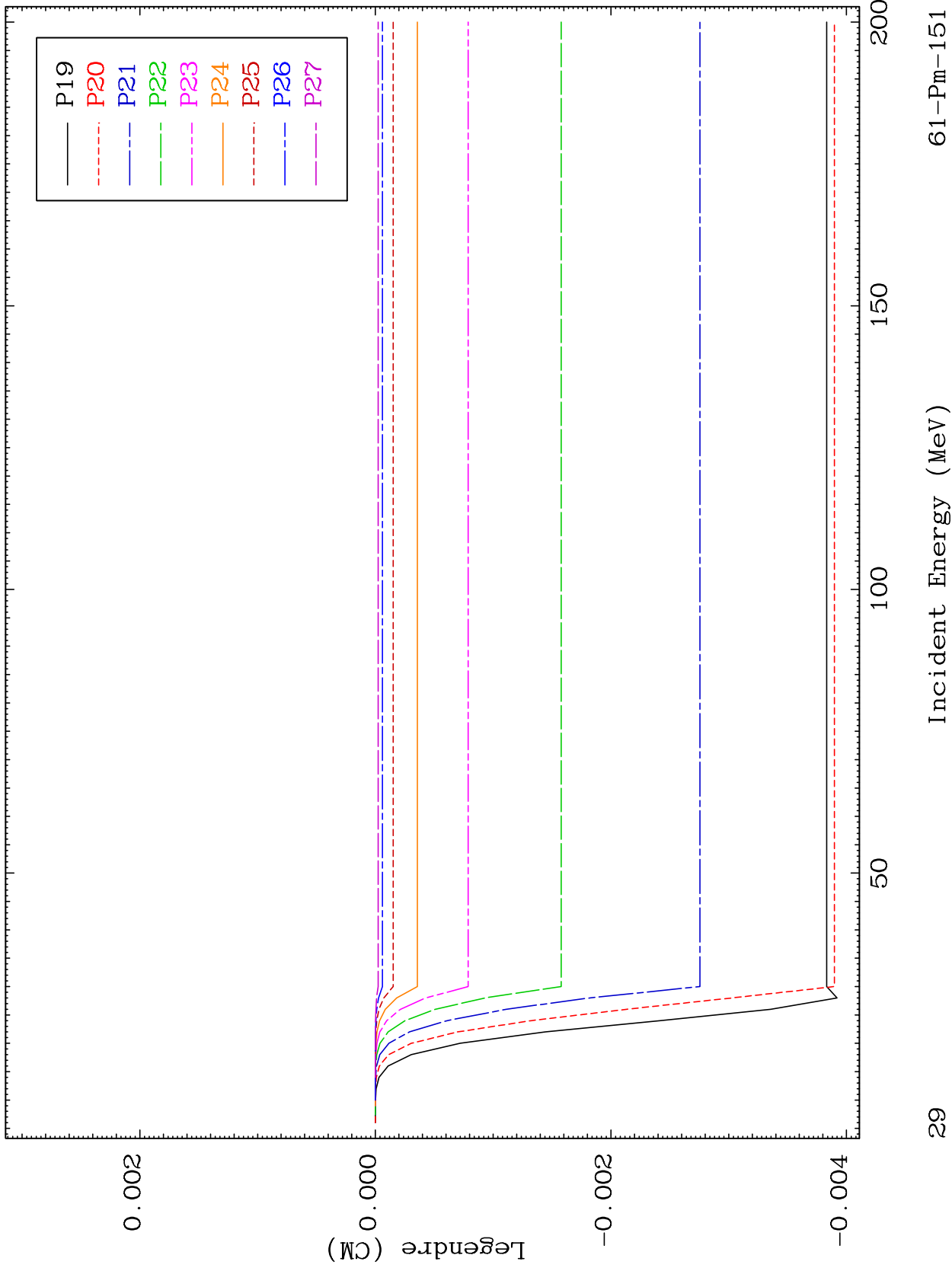
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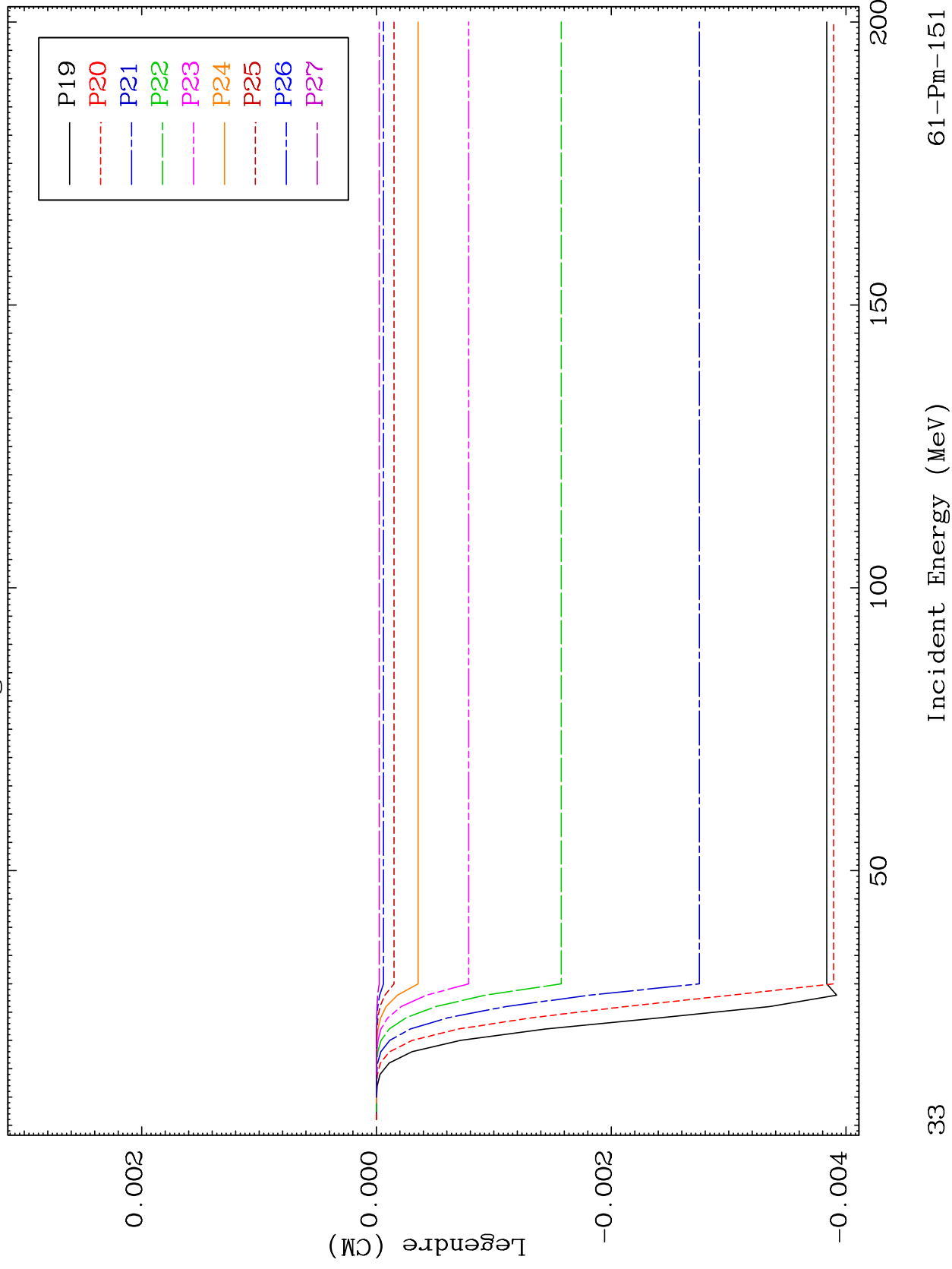




MAT 6161

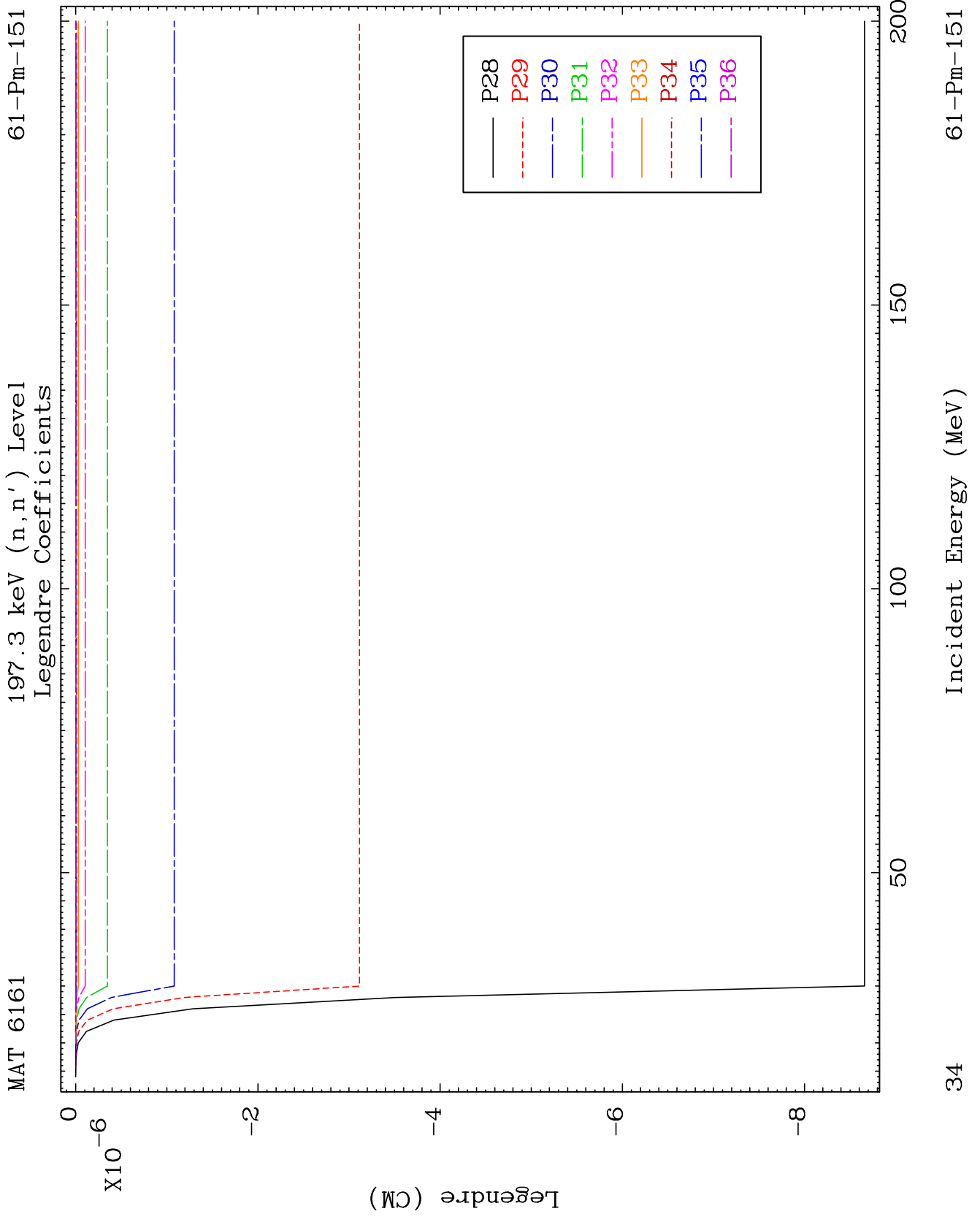
197.3 keV (n,n') Level
Legendre Coefficients

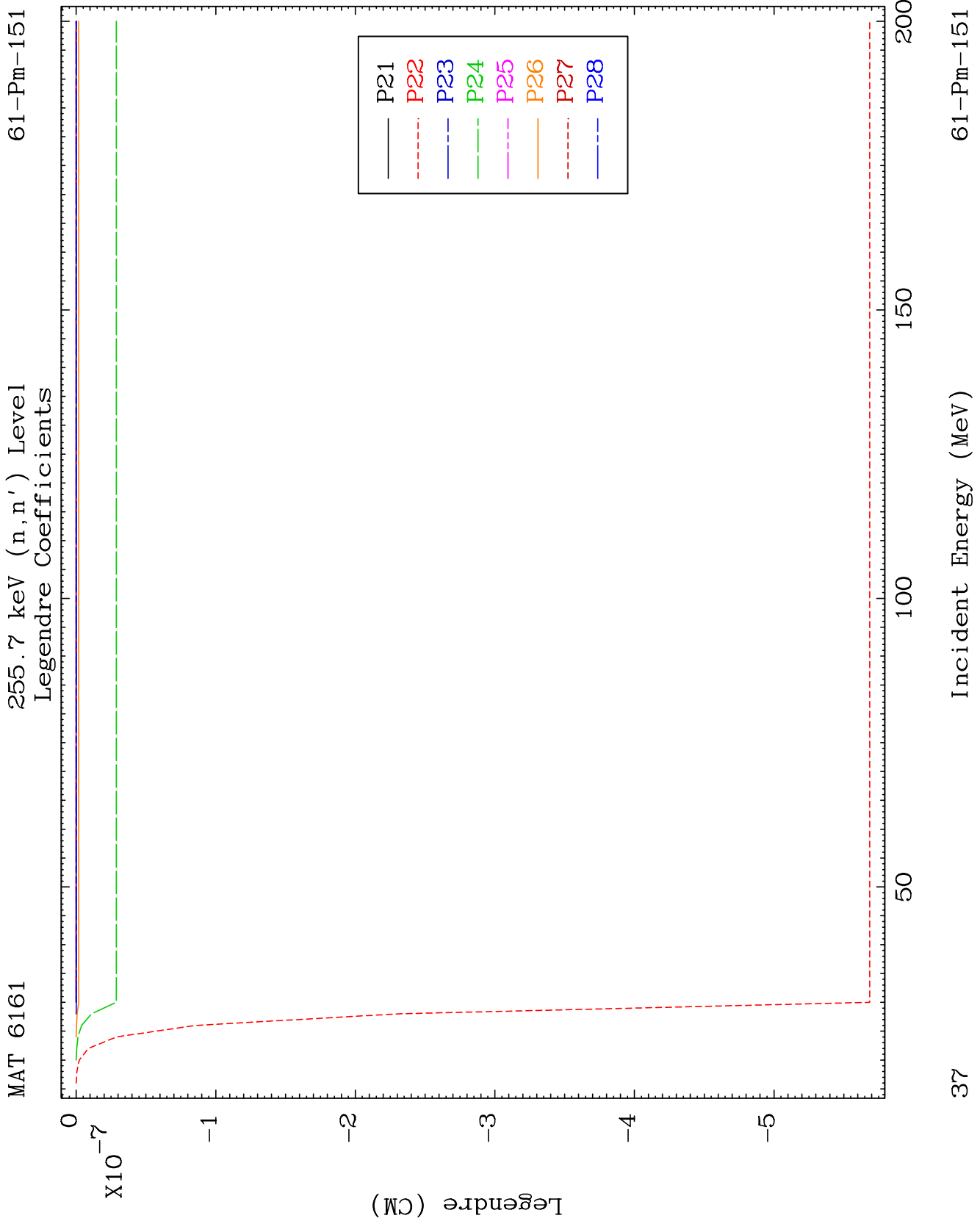
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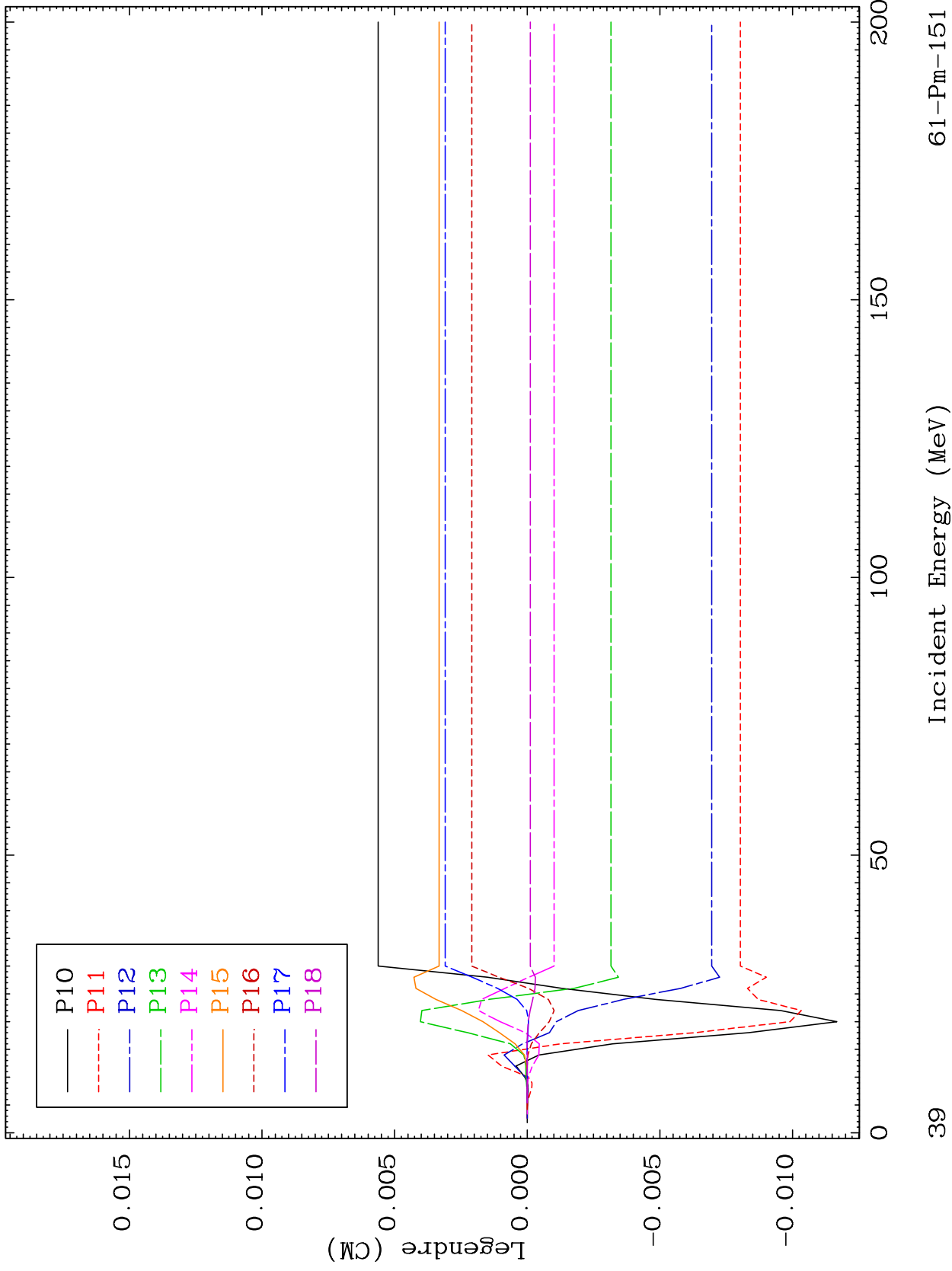


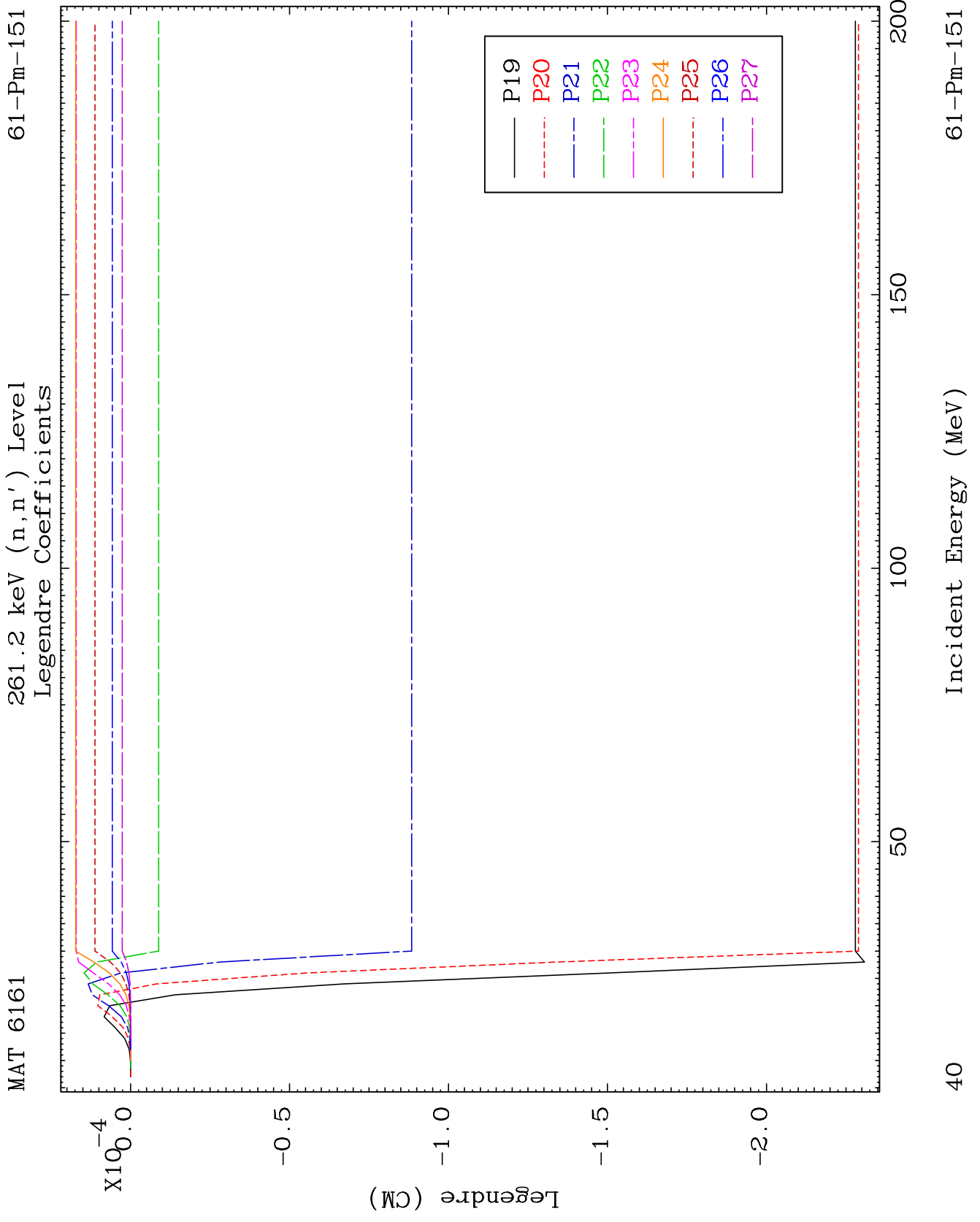
33

61-Pm-151





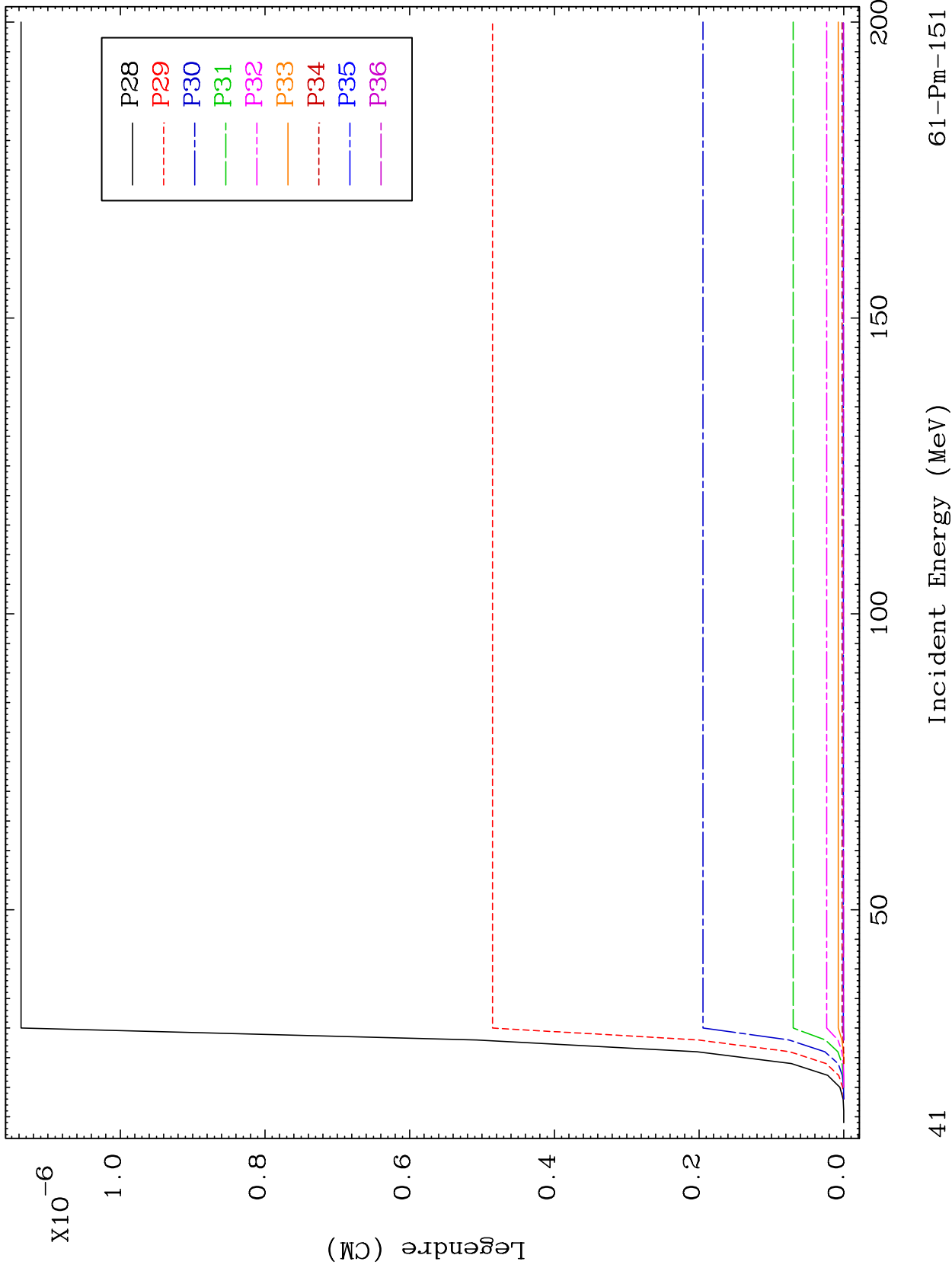




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261.2 keV (n,n') Level
Legendre Coefficients

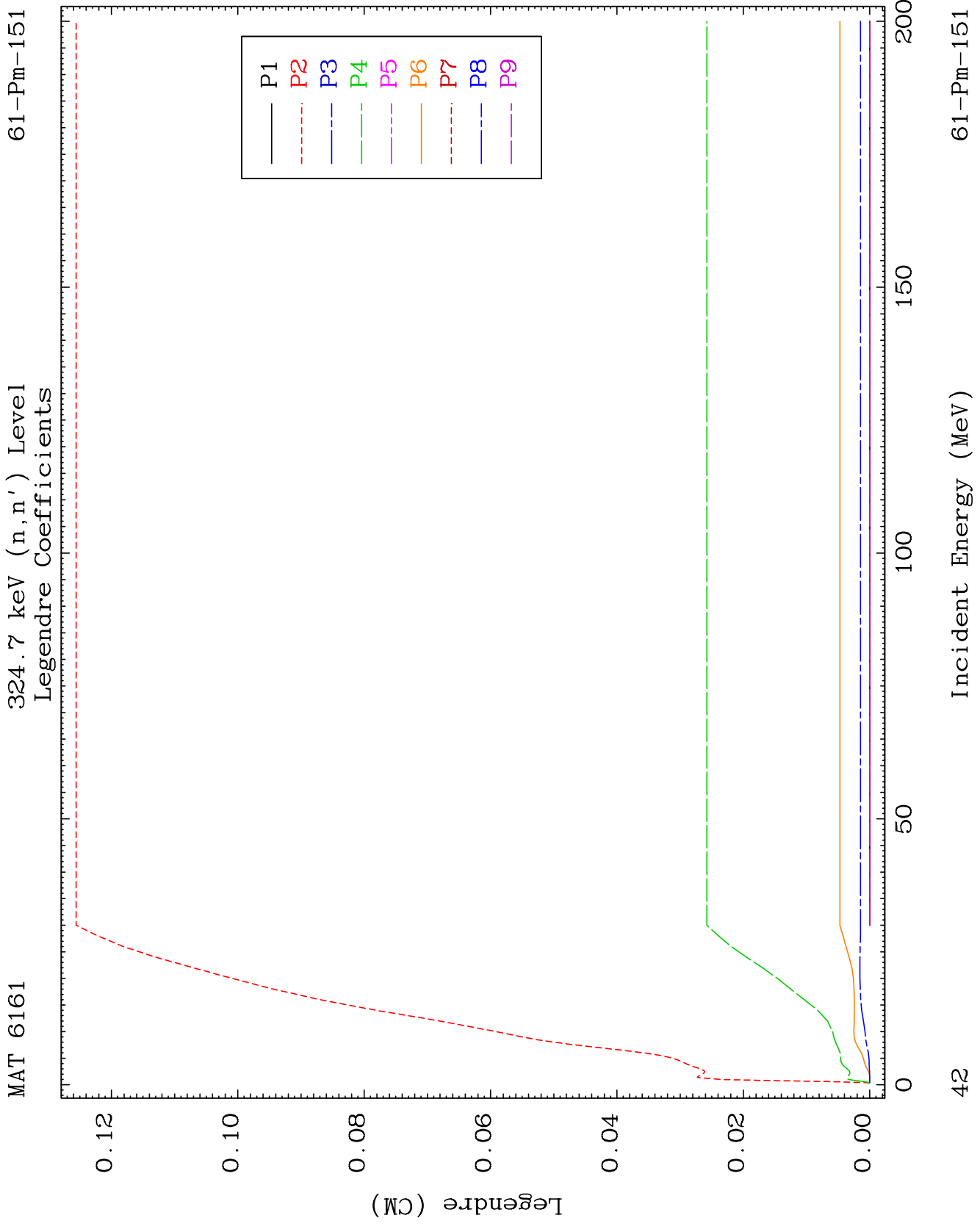
61-Pm-151



41

Incident Energy (MeV)

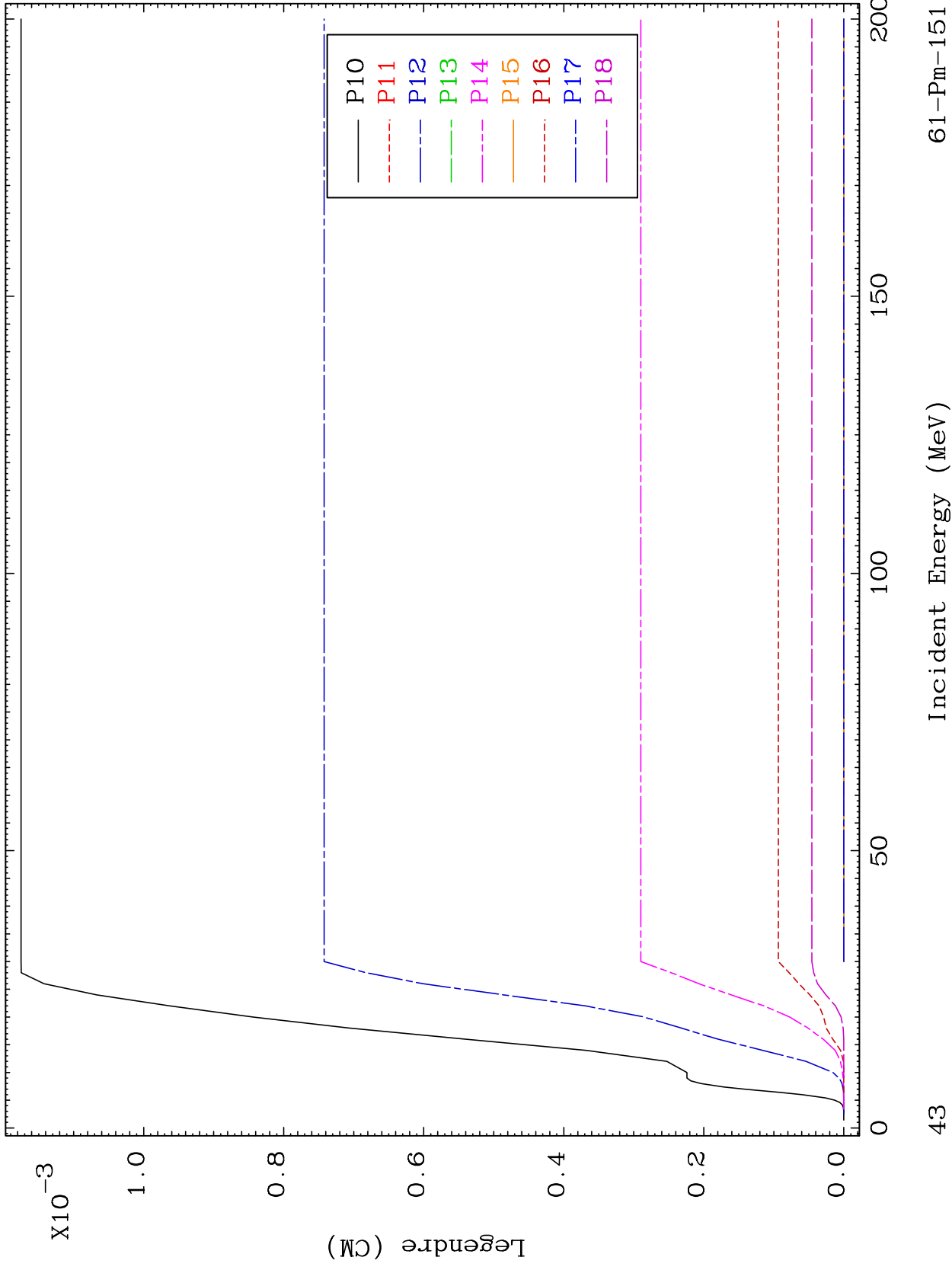
61-Pm-151



MAT 6161

324.7 keV (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

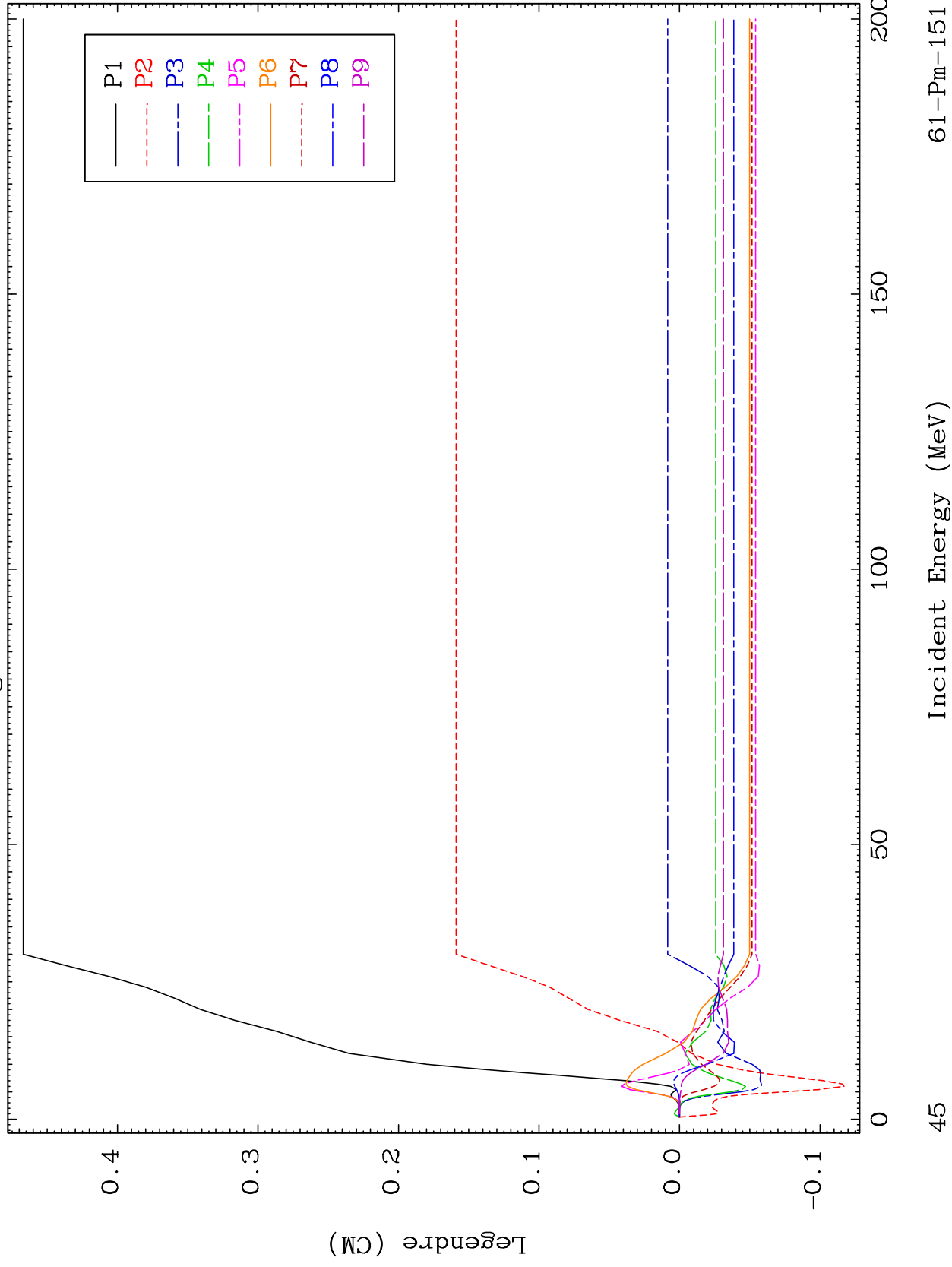
Incident Energy (MeV)

43

MAT 6161

329.6 keV (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

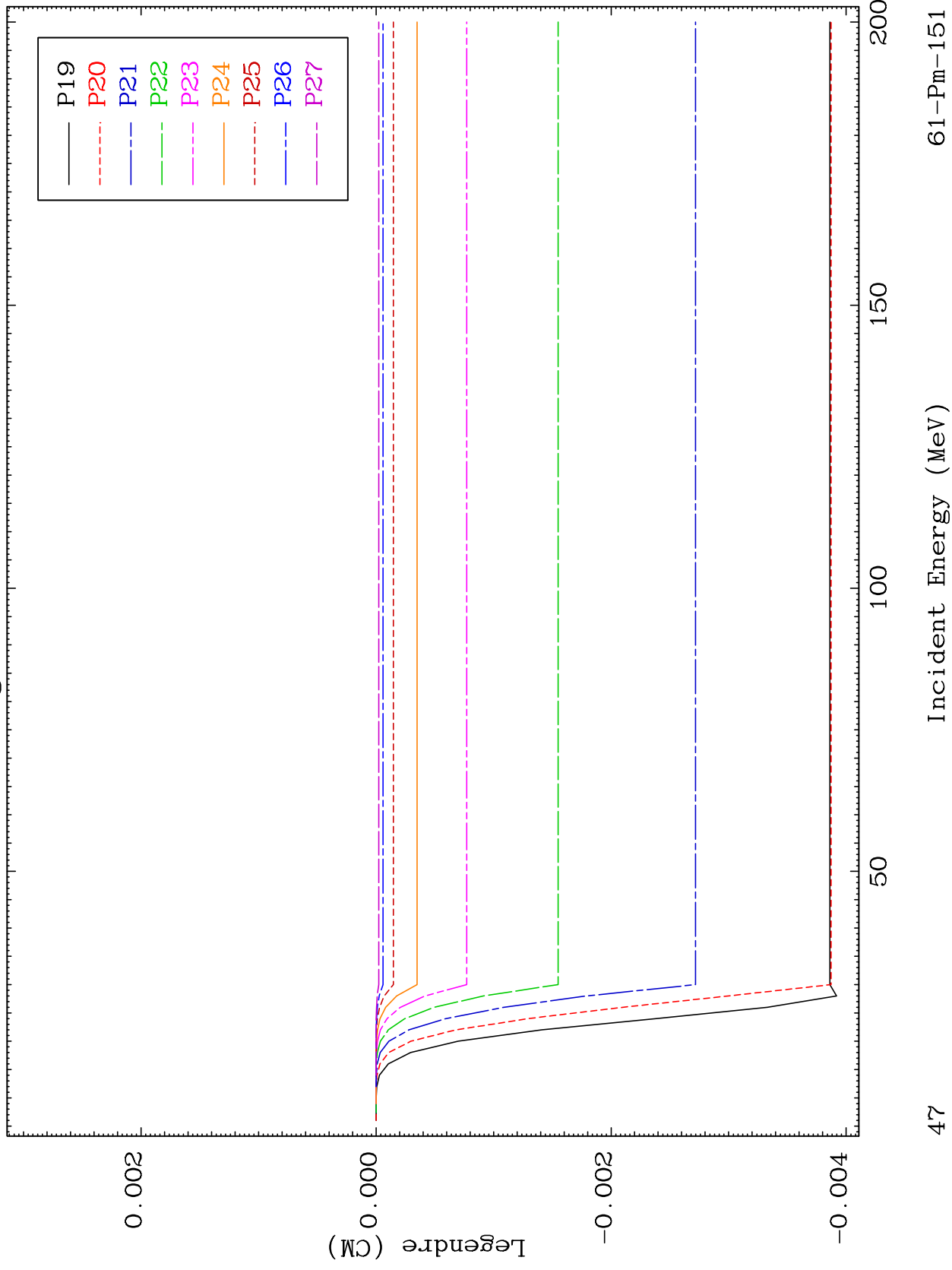
Incident Energy (MeV)

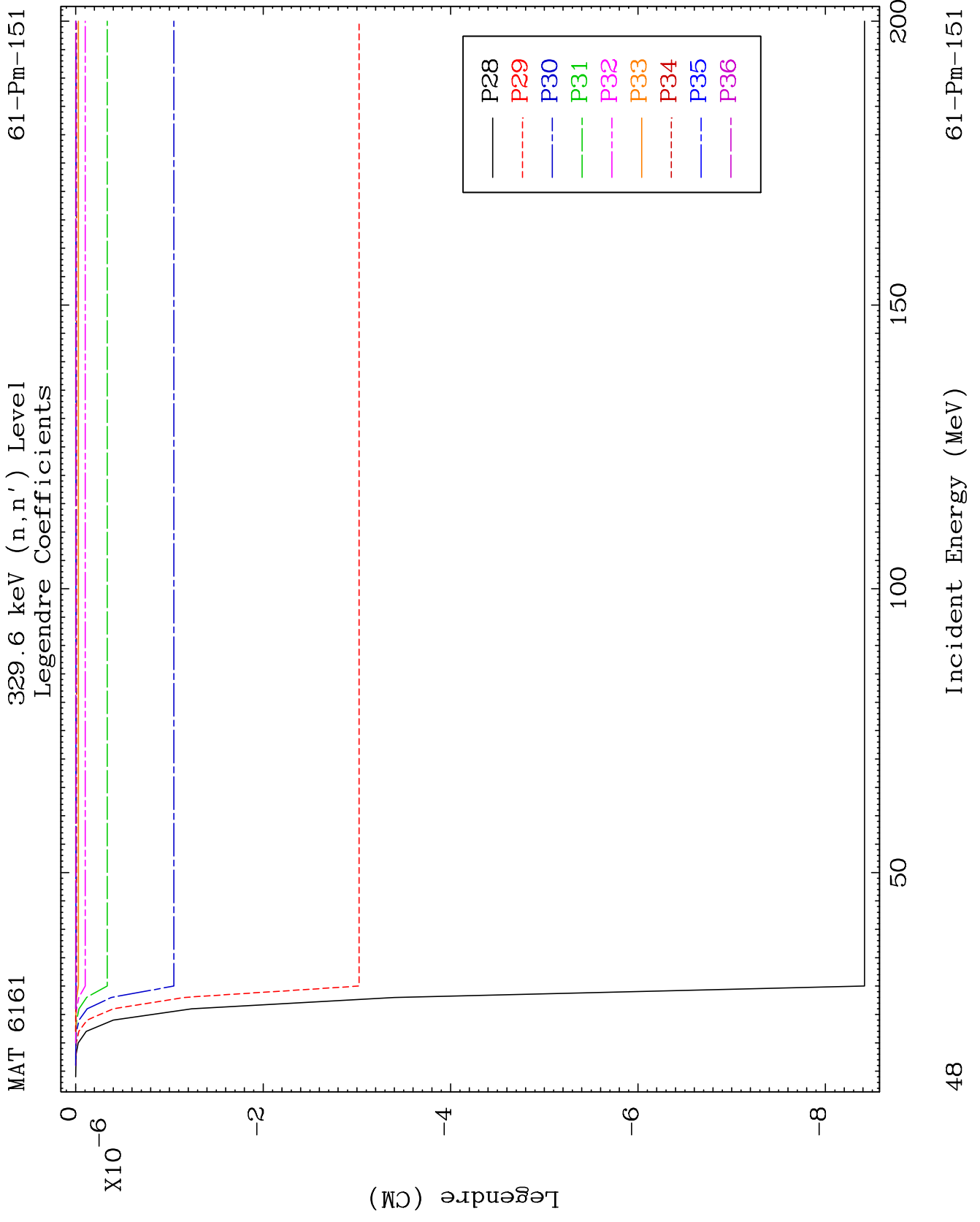
45

MAT 6161

329.6 keV (n,n') Level
Legendre Coefficients

61-Pm-151

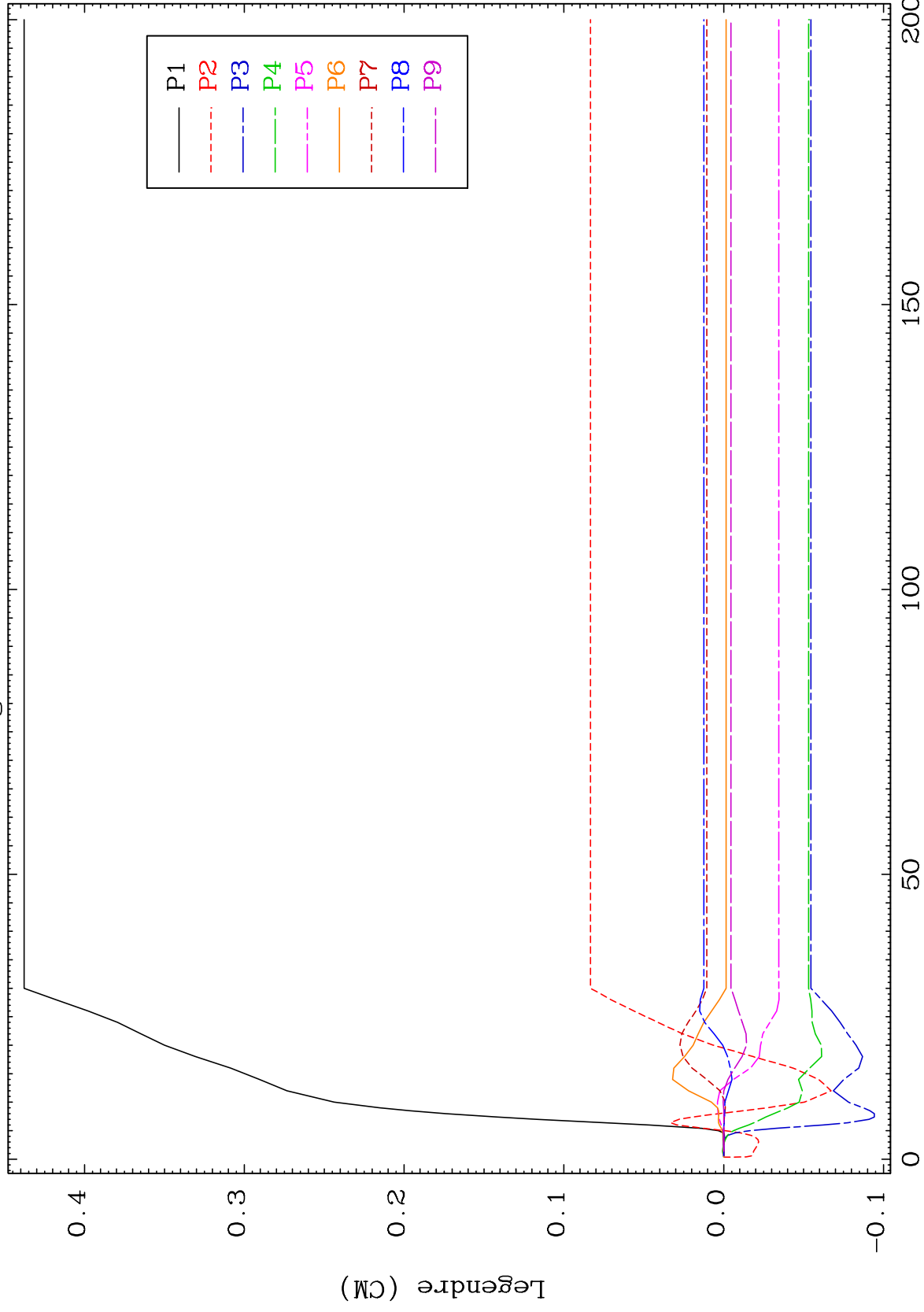




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343.8 keV (n,n') Level
Legendre Coefficients

61-Pm-151



49

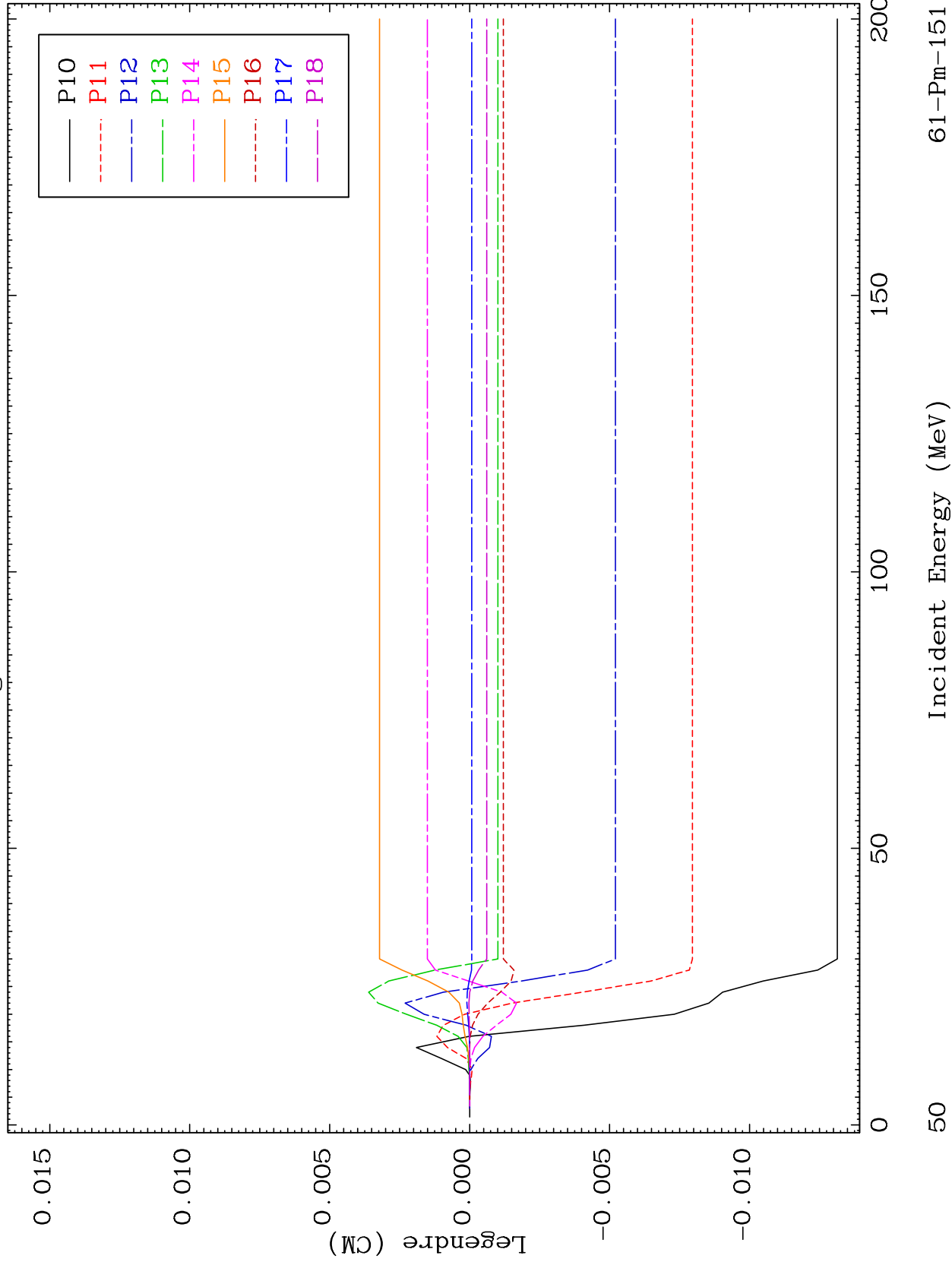
Incident Energy (MeV)

61-Pm-151

MAT 6161

343.8 keV (n,n') Level
Legendre Coefficients

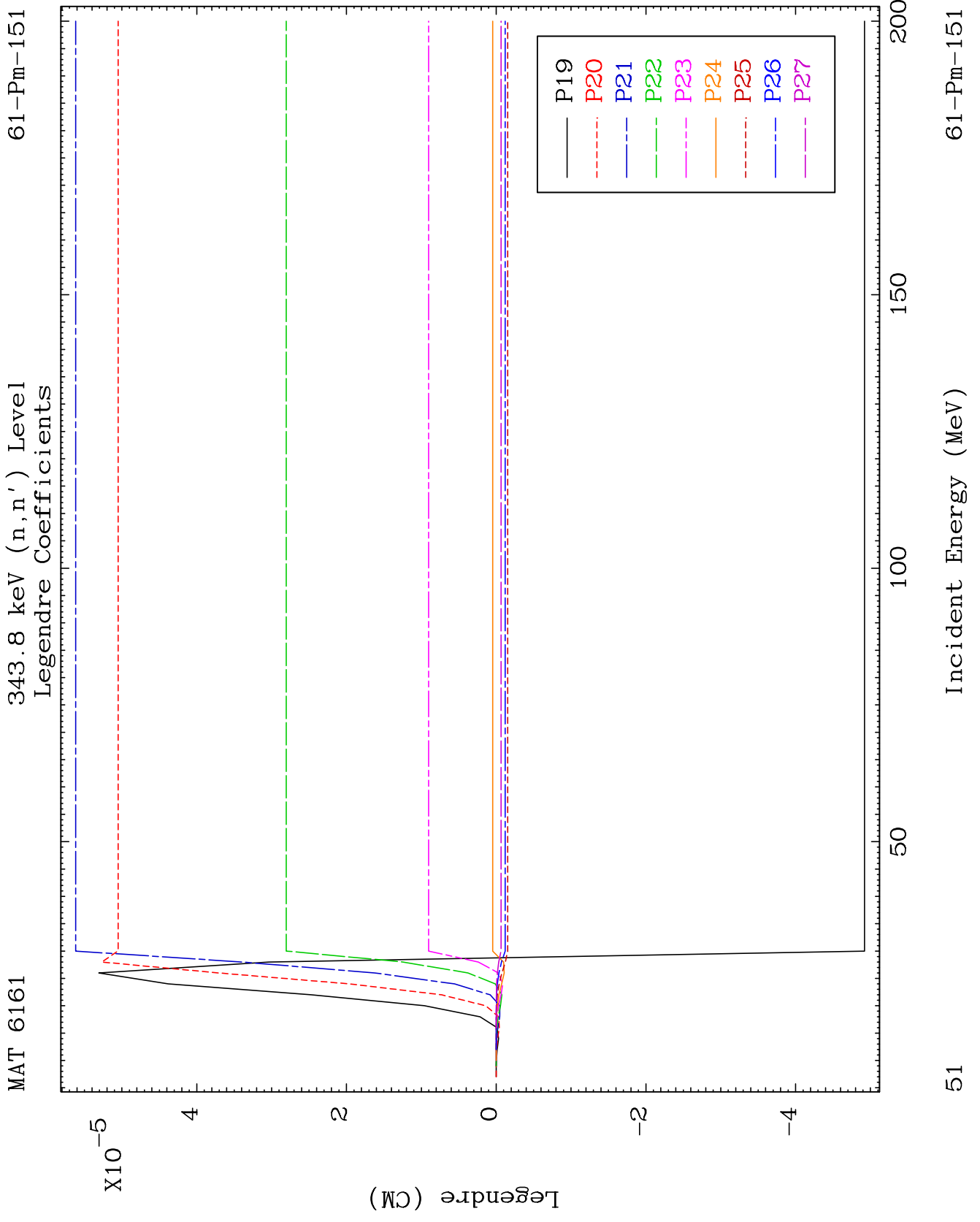
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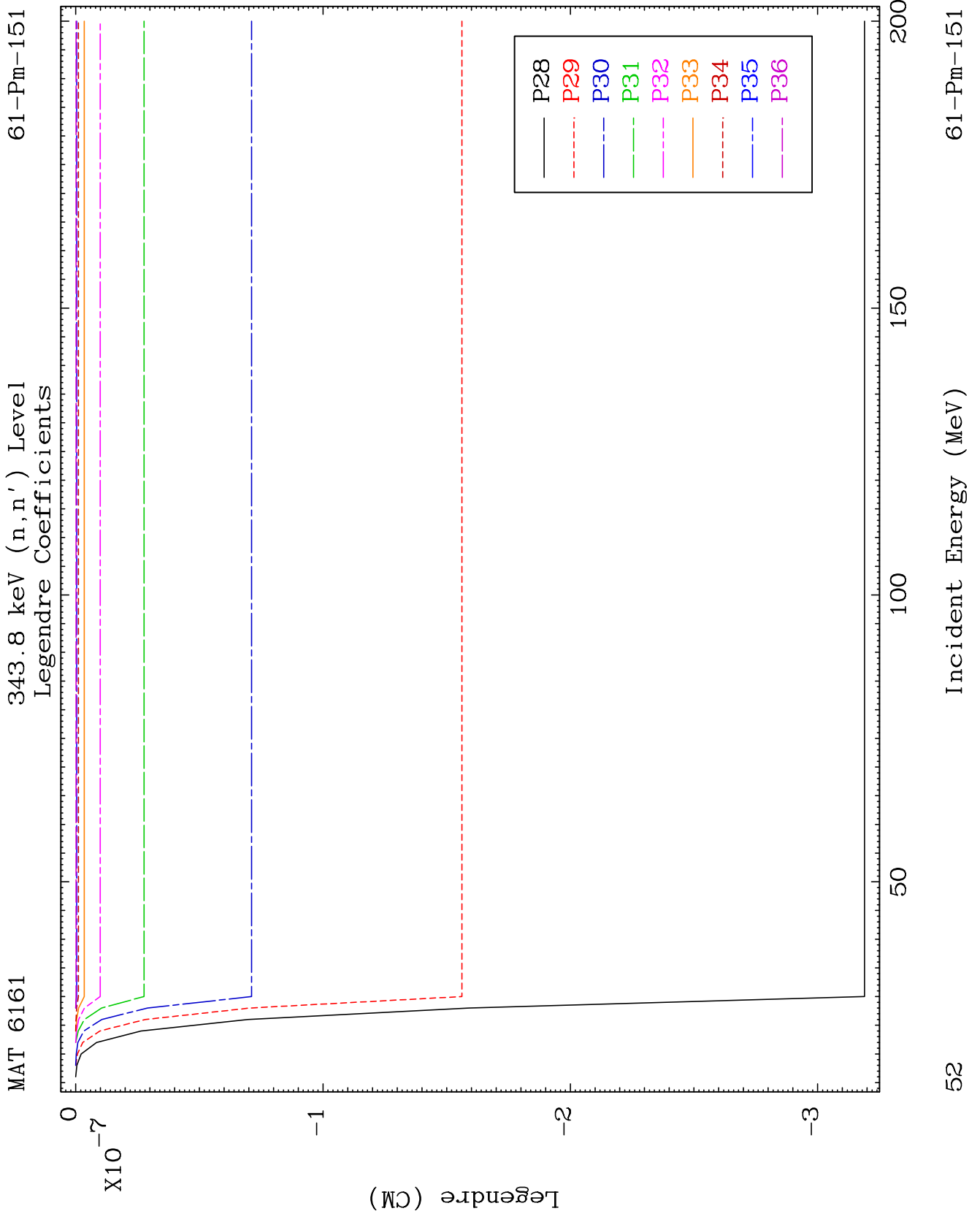


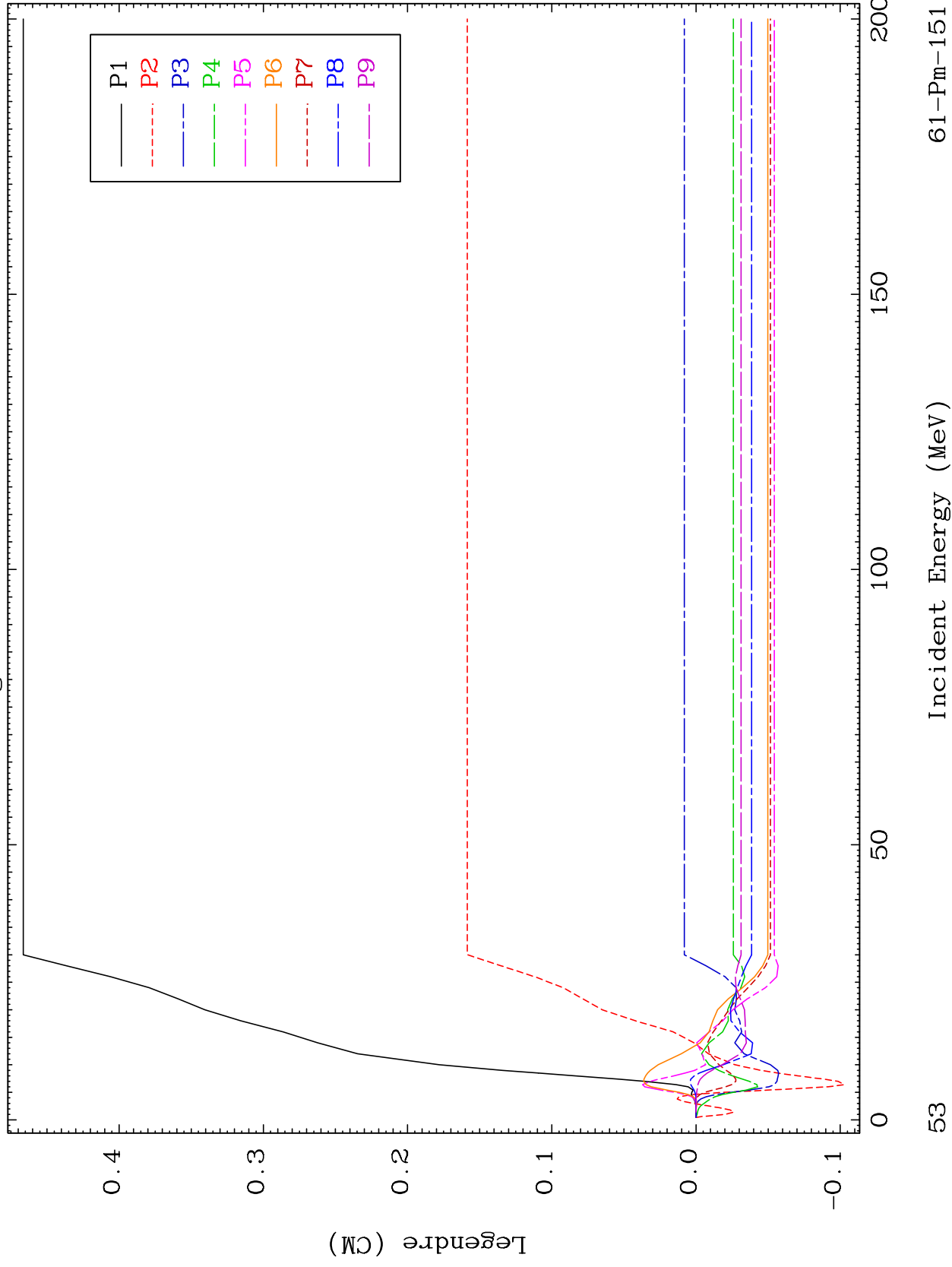
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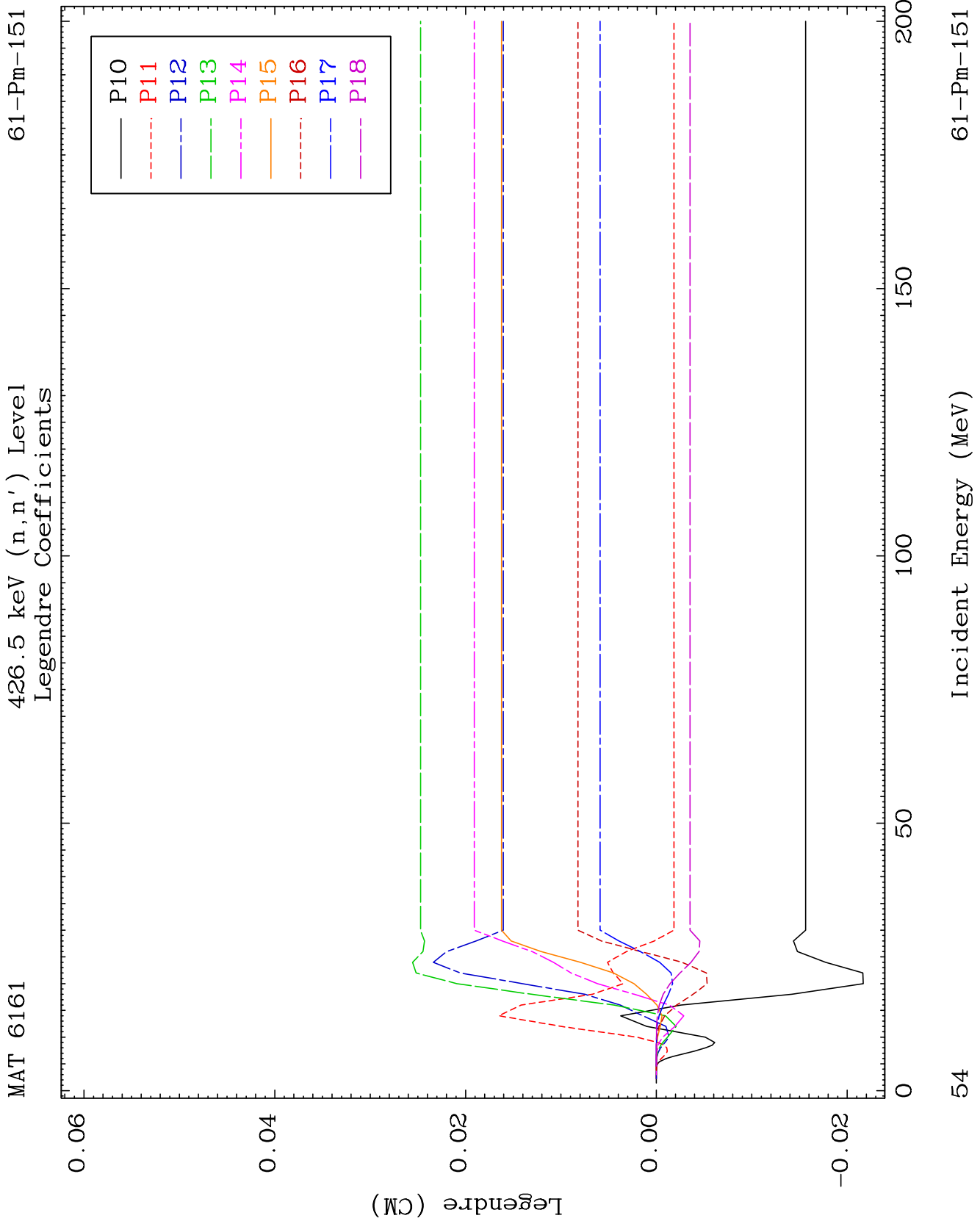
Incident Energy (MeV)

50





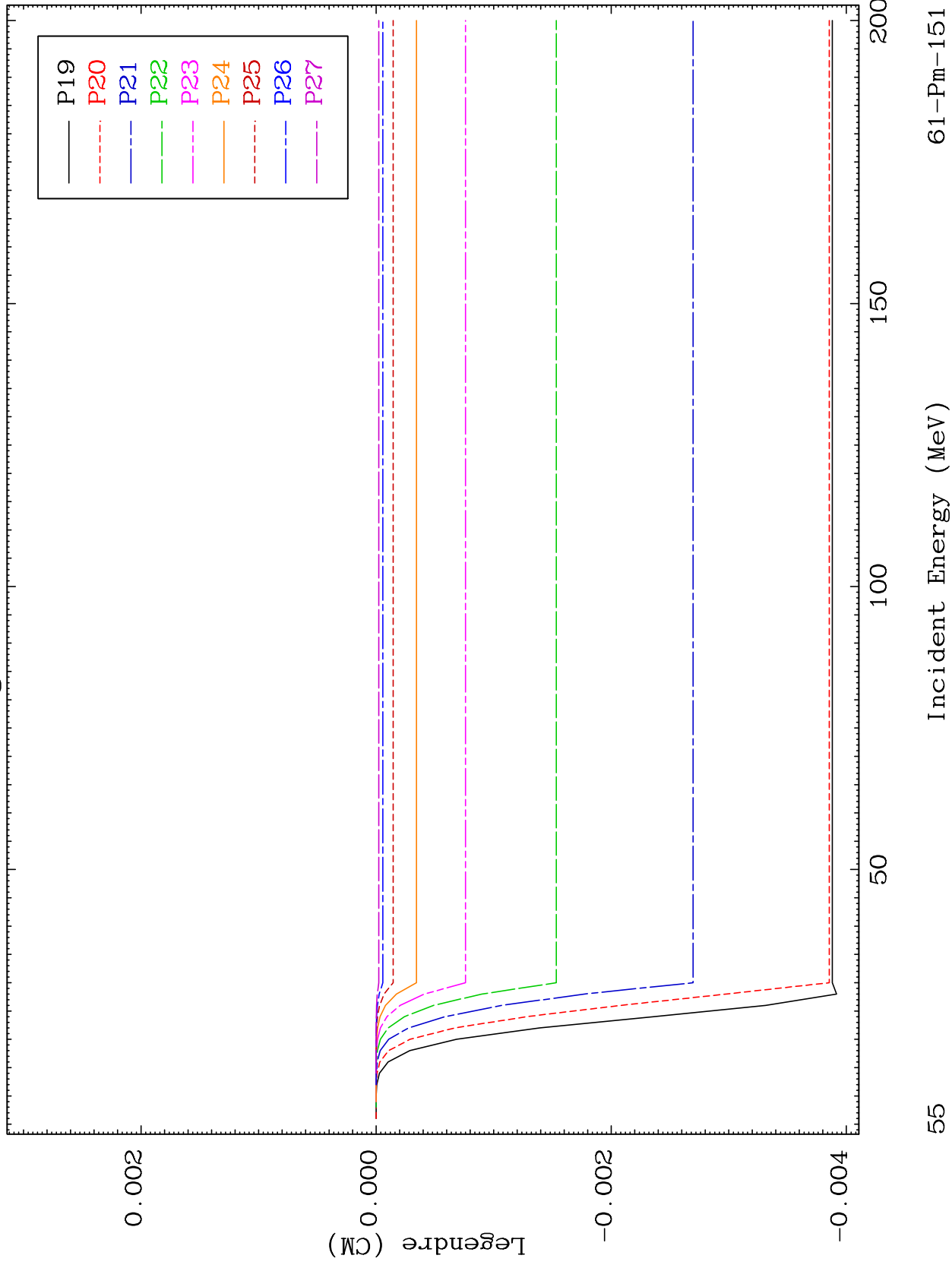




MAT 6161

426.5 keV (n,n') Level
Legendre Coefficients

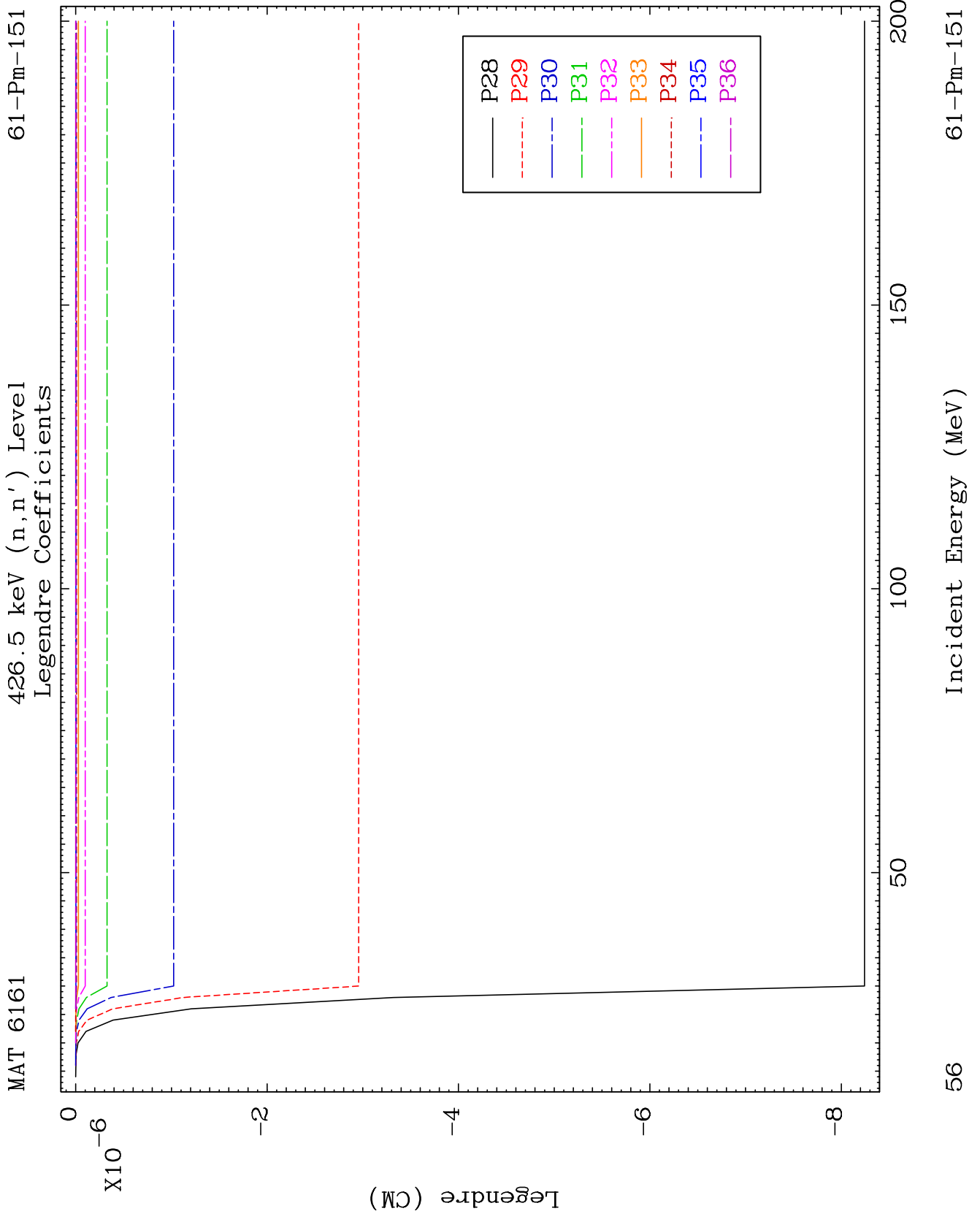
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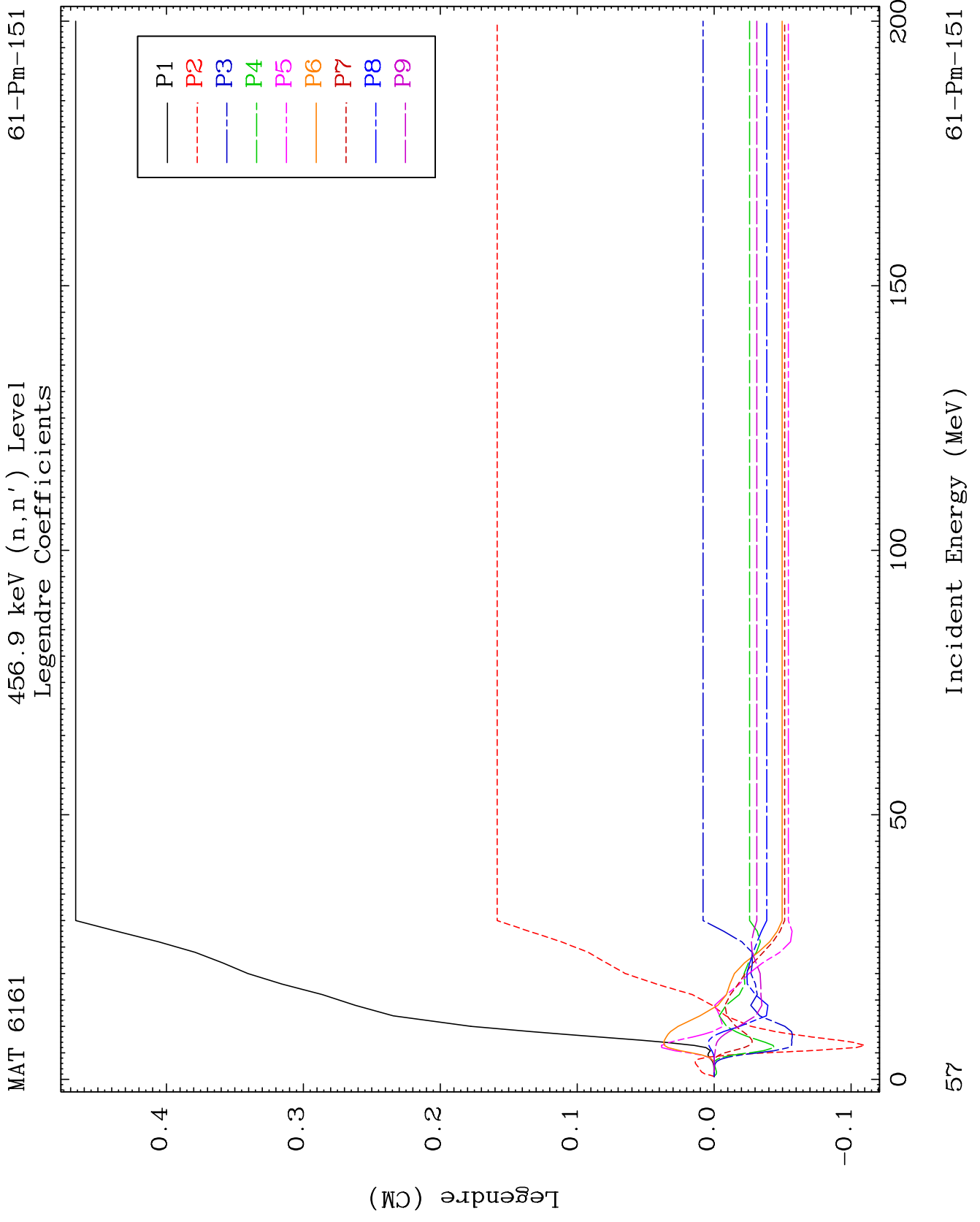


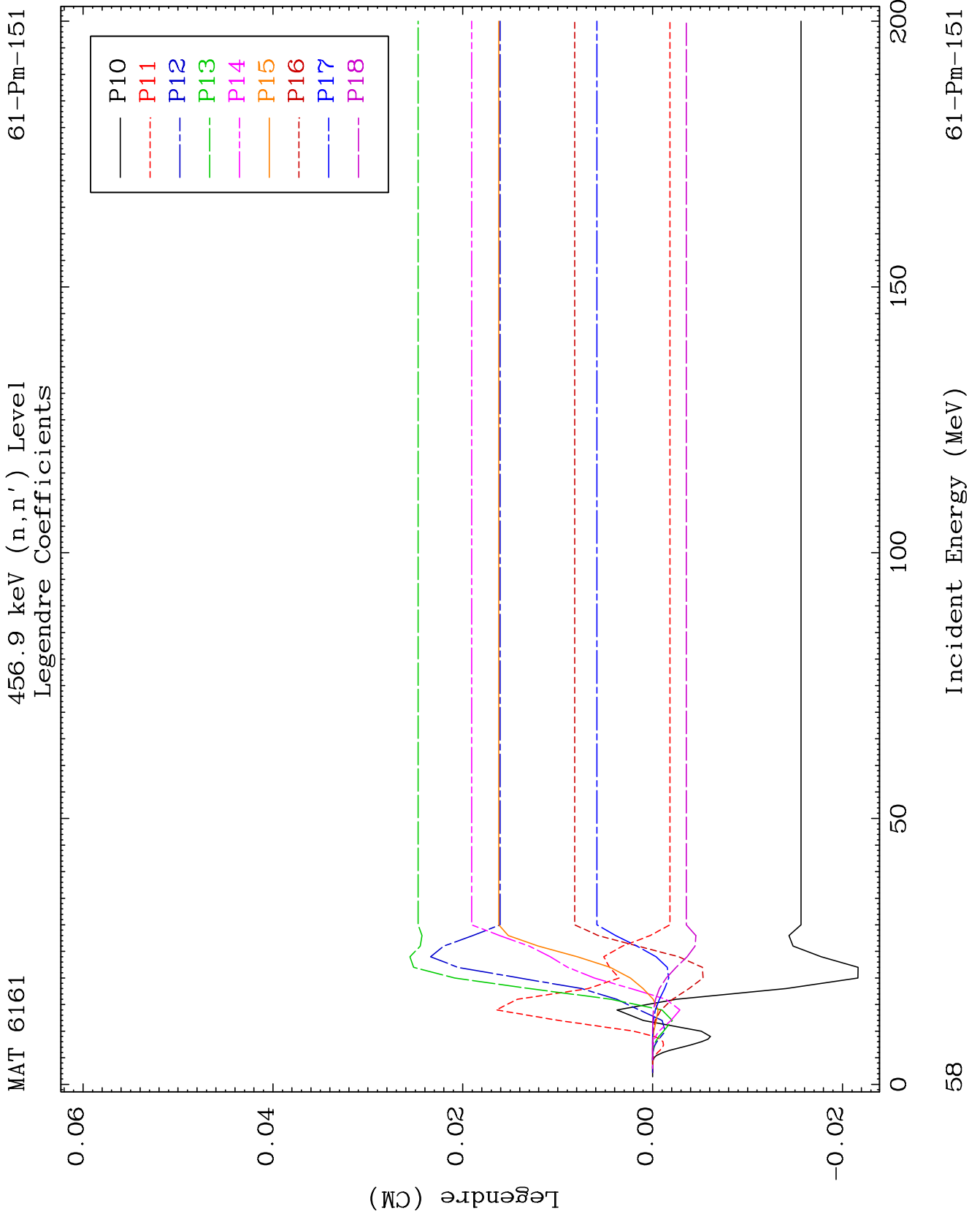
55

Incident Energy (MeV)

61-Pm-151



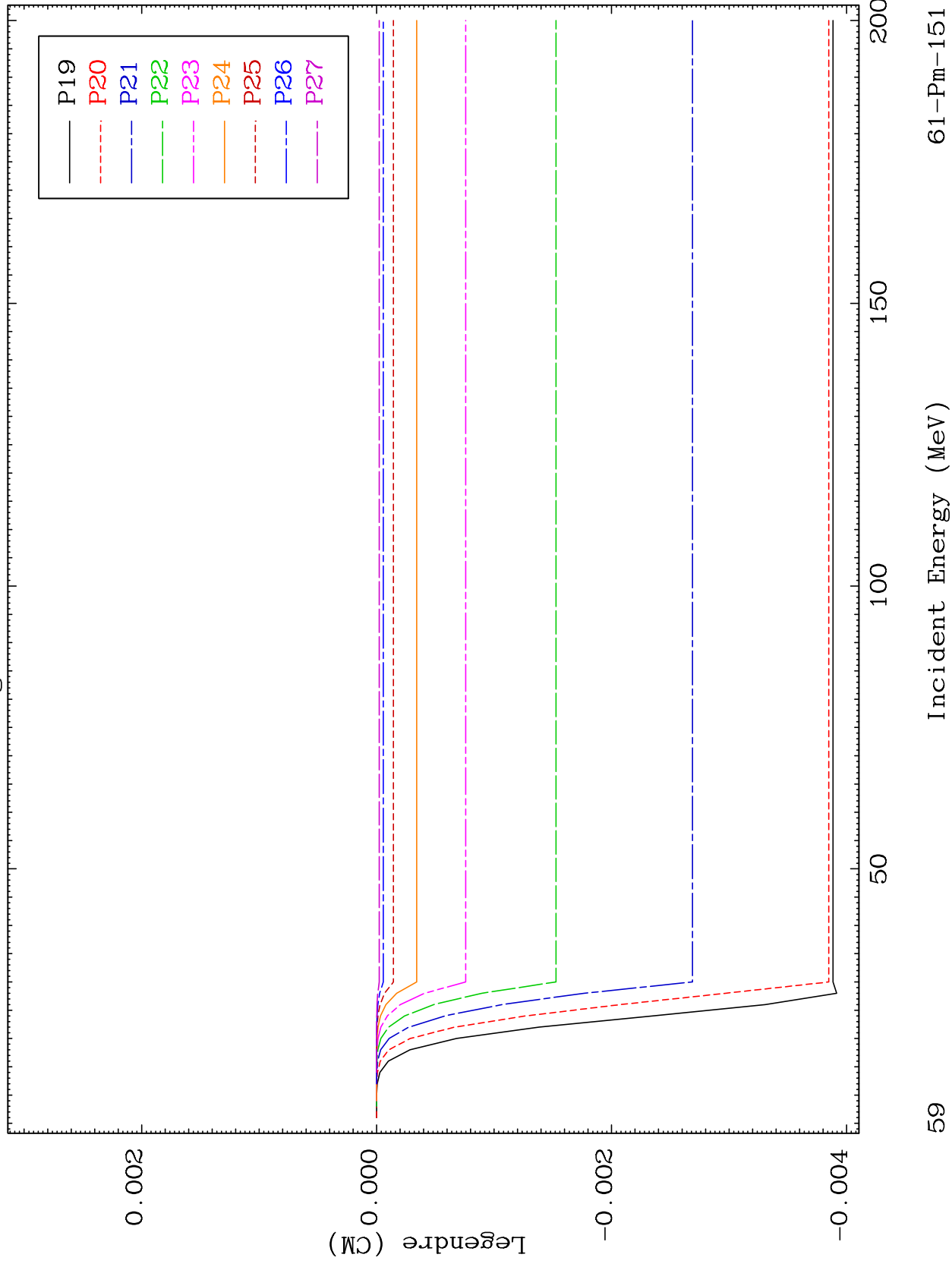




MAT 6161

456.9 keV (n,n') Level
Legendre Coefficients

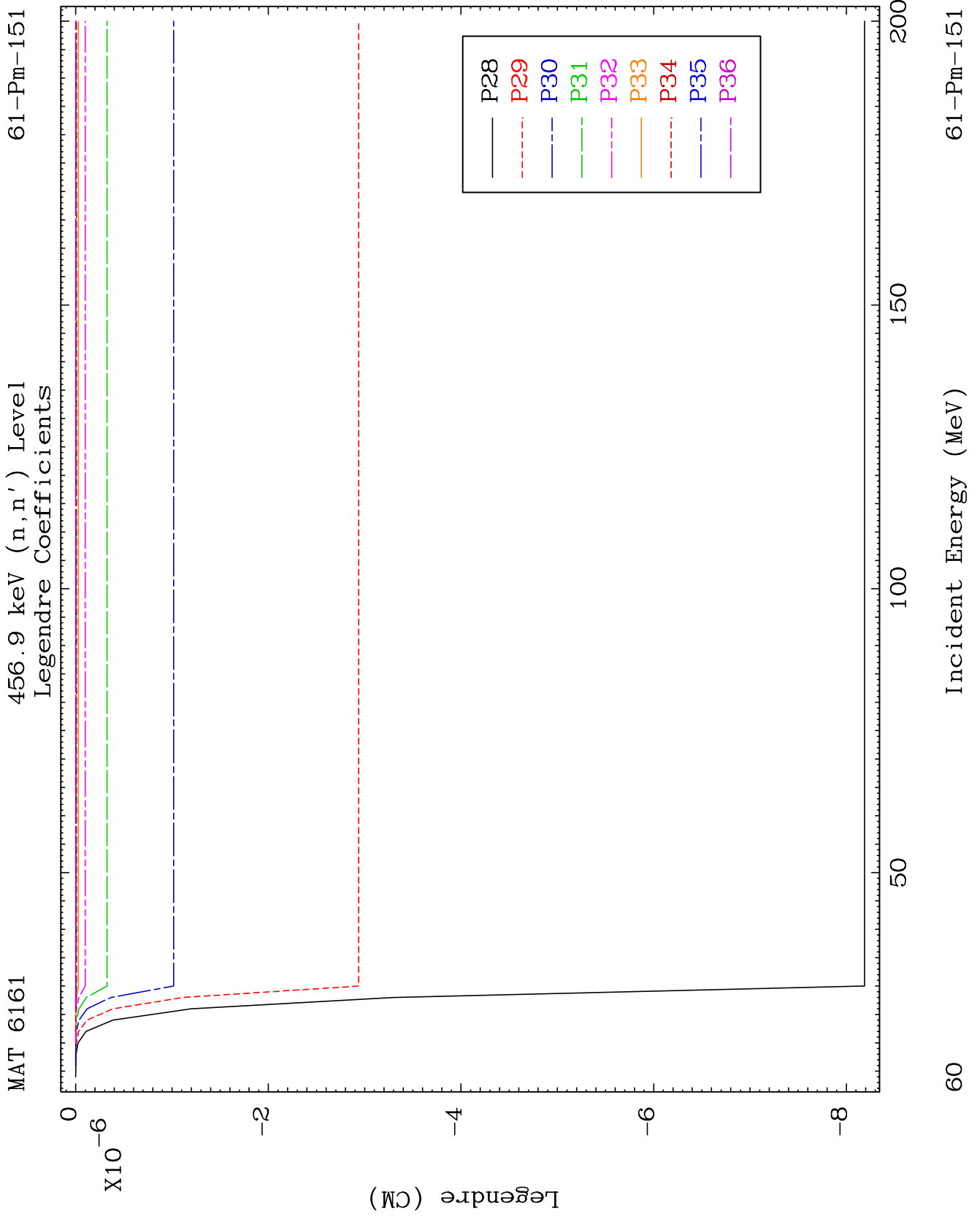
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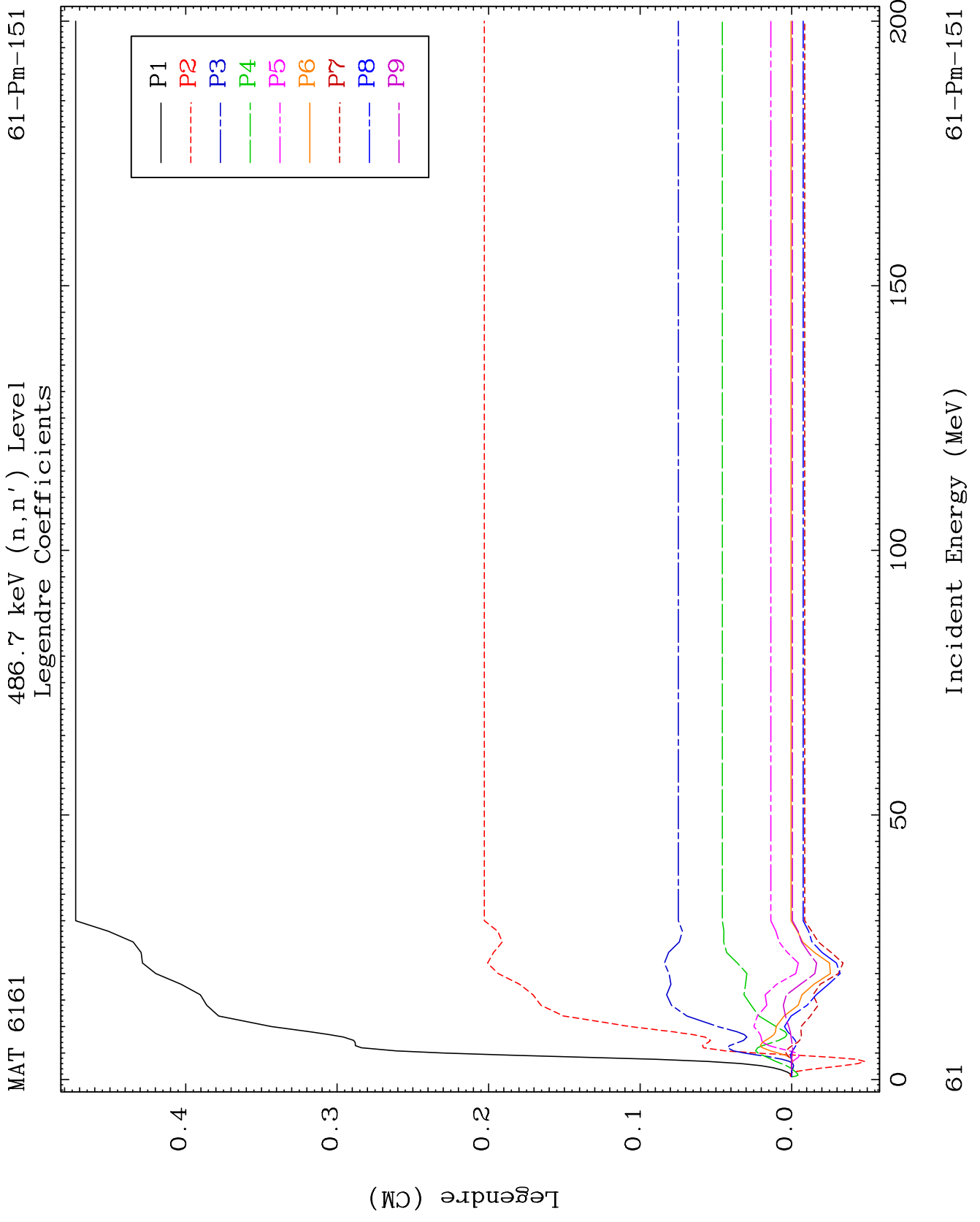


59

Incident Energy (MeV)

61-Pm-151

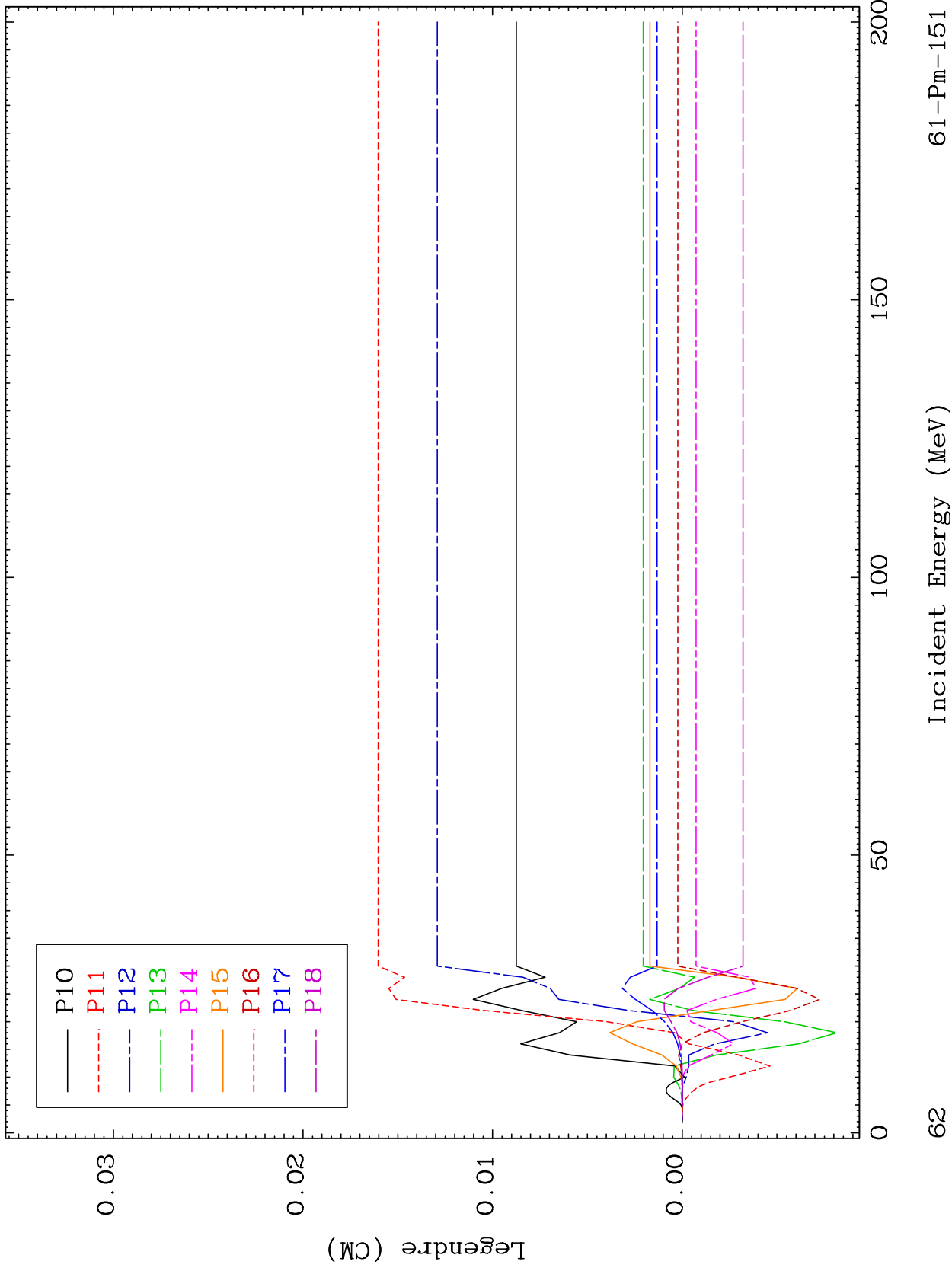




MAT 6161

486.7 keV (n,n') Level
Legendre Coefficients

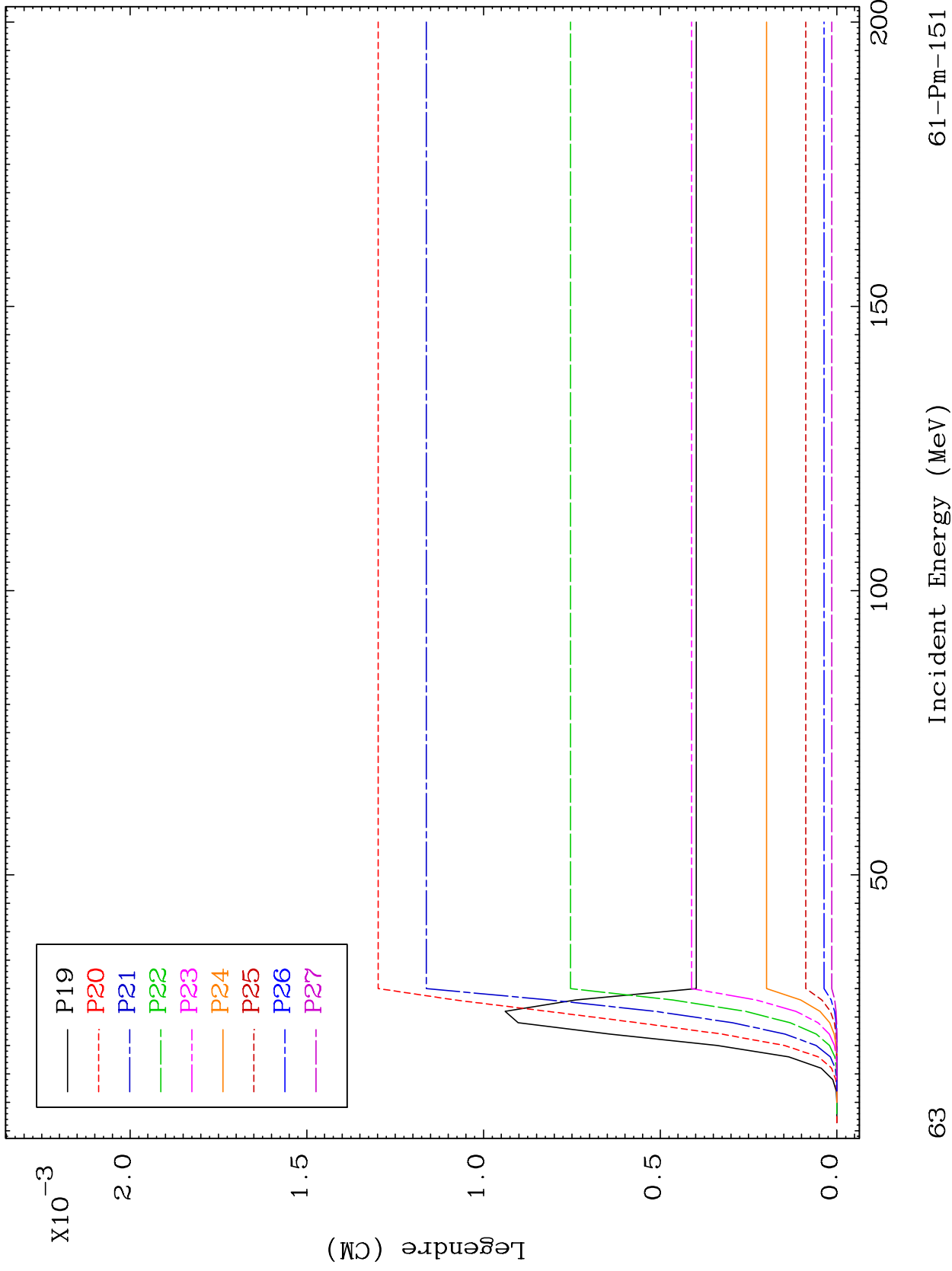
61-Pm-151



61-Pm-151

Incident Energy (MeV)

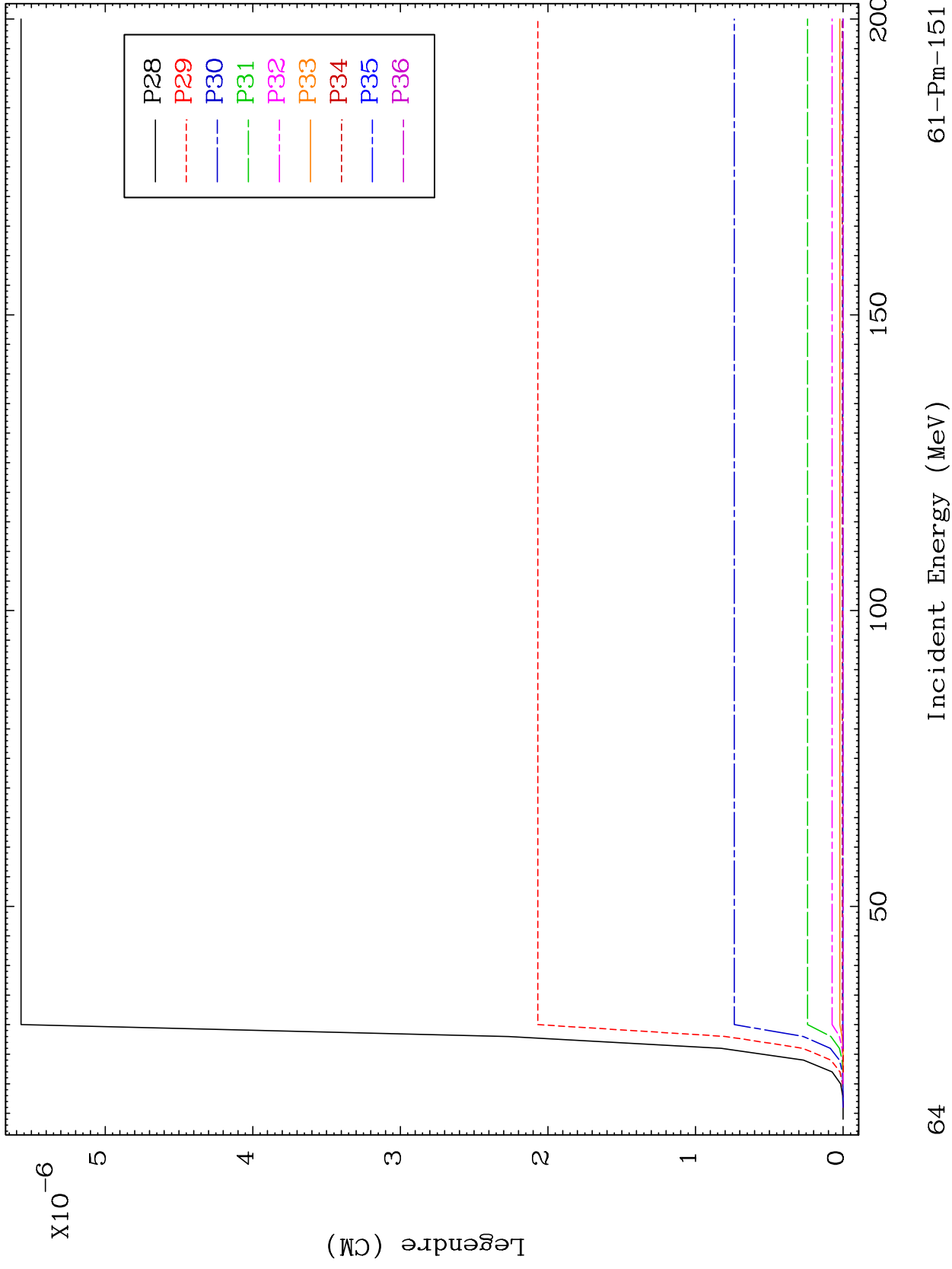
62



MAT 6161

486.7 keV (n,n') Level
Legendre Coefficients

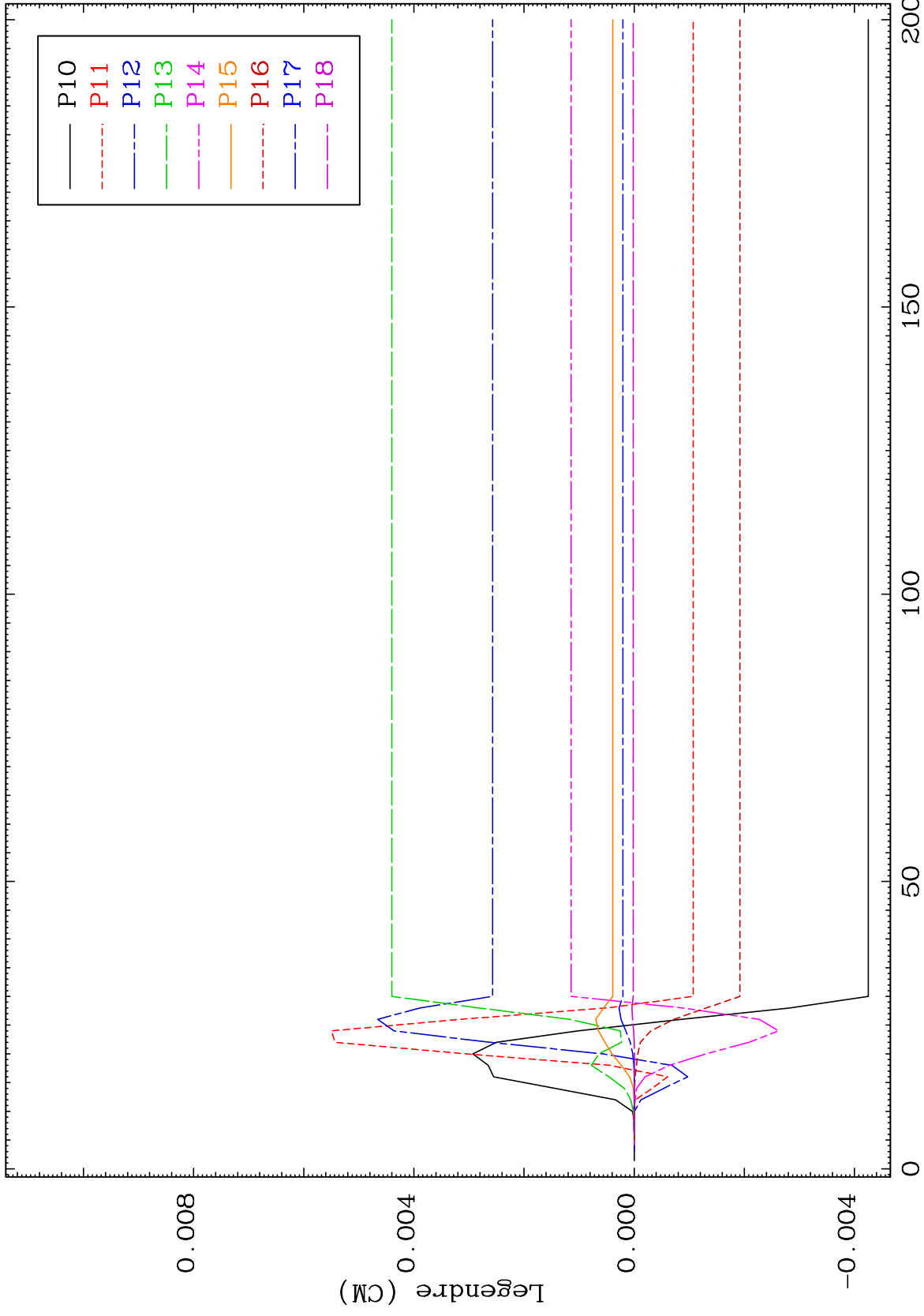
61-Pm-151



MAT 6161

497.5 keV (n,n') Level
Legendre Coefficients

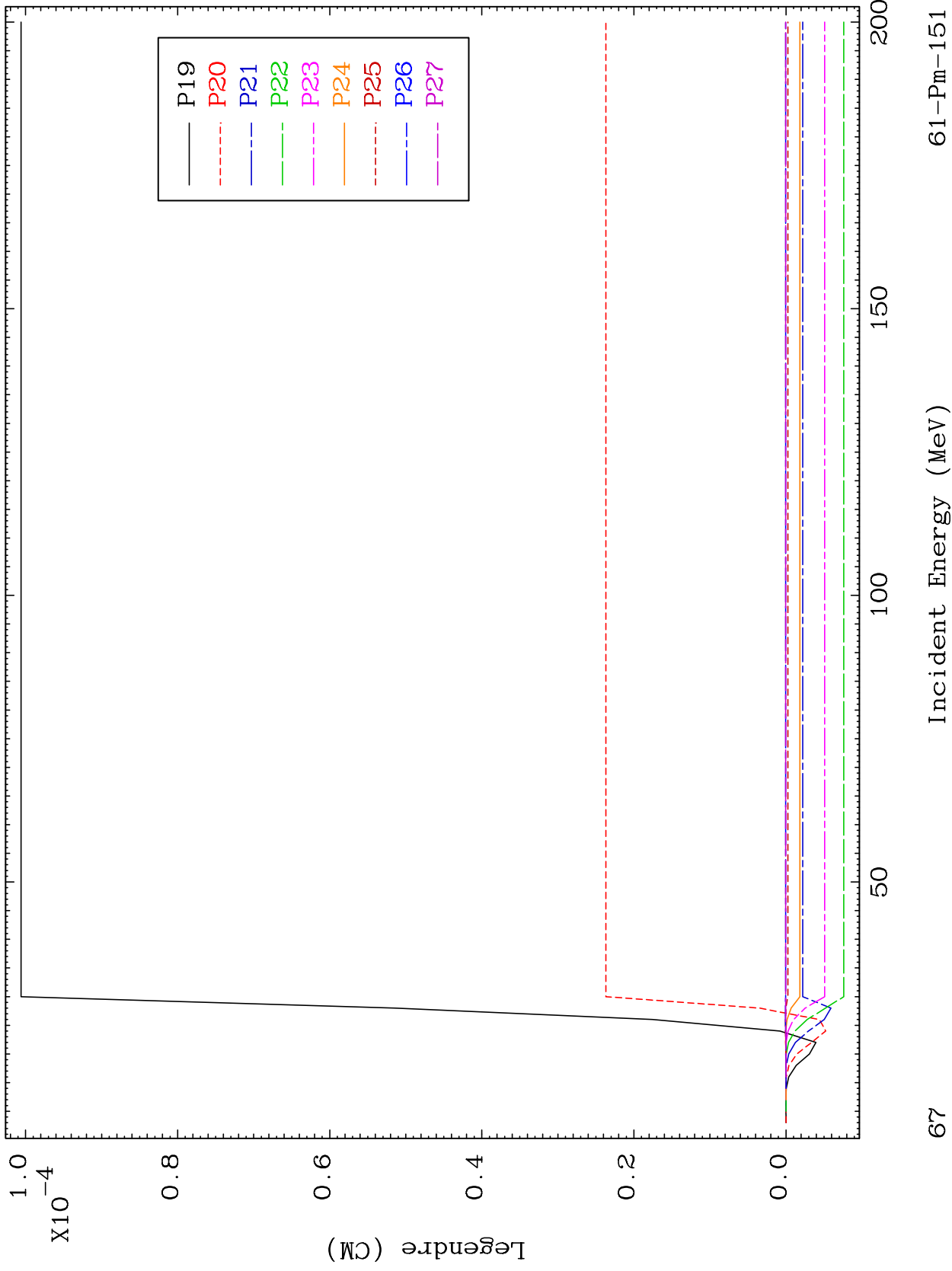
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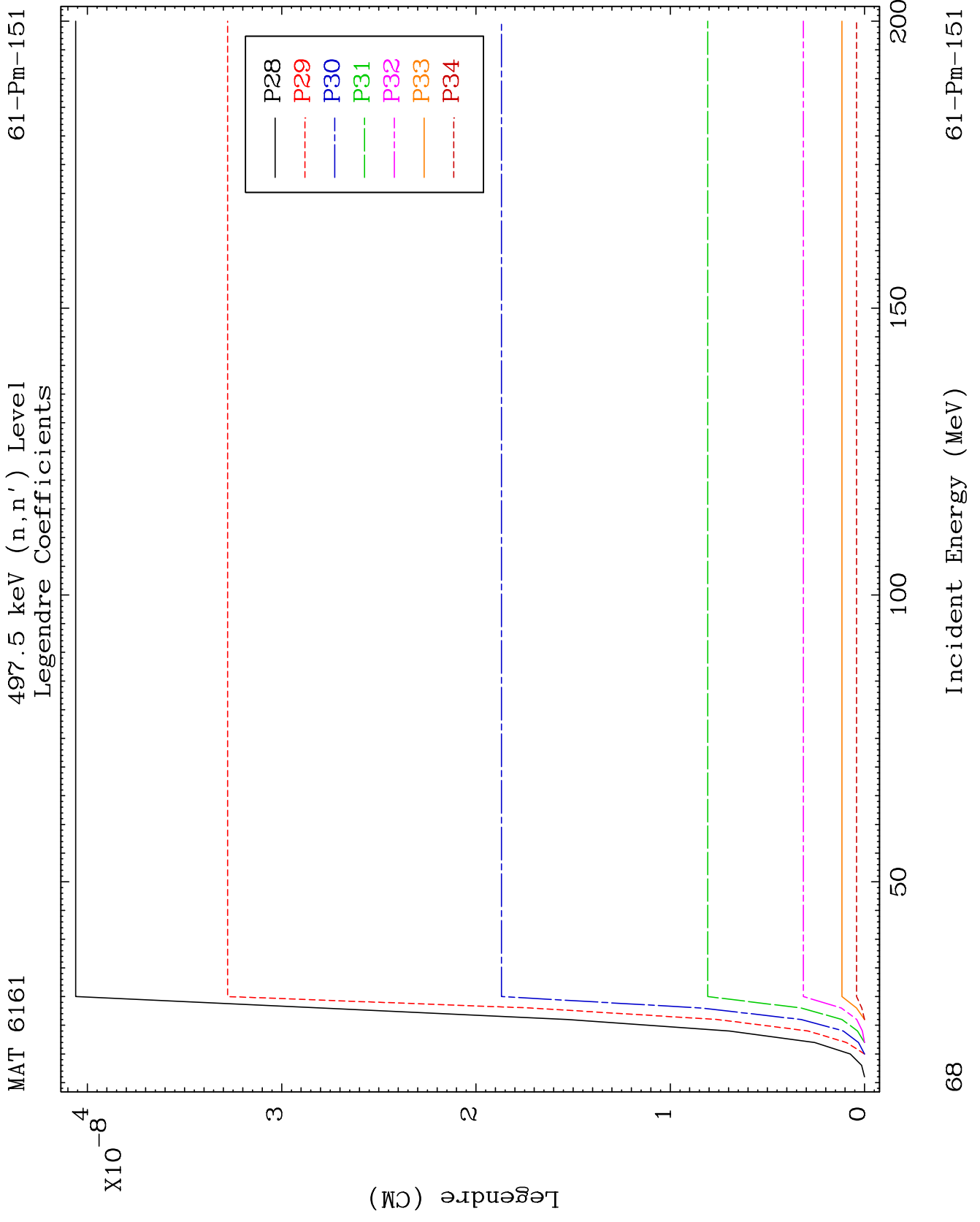


66

Incident Energy (MeV)

61-Pm-151

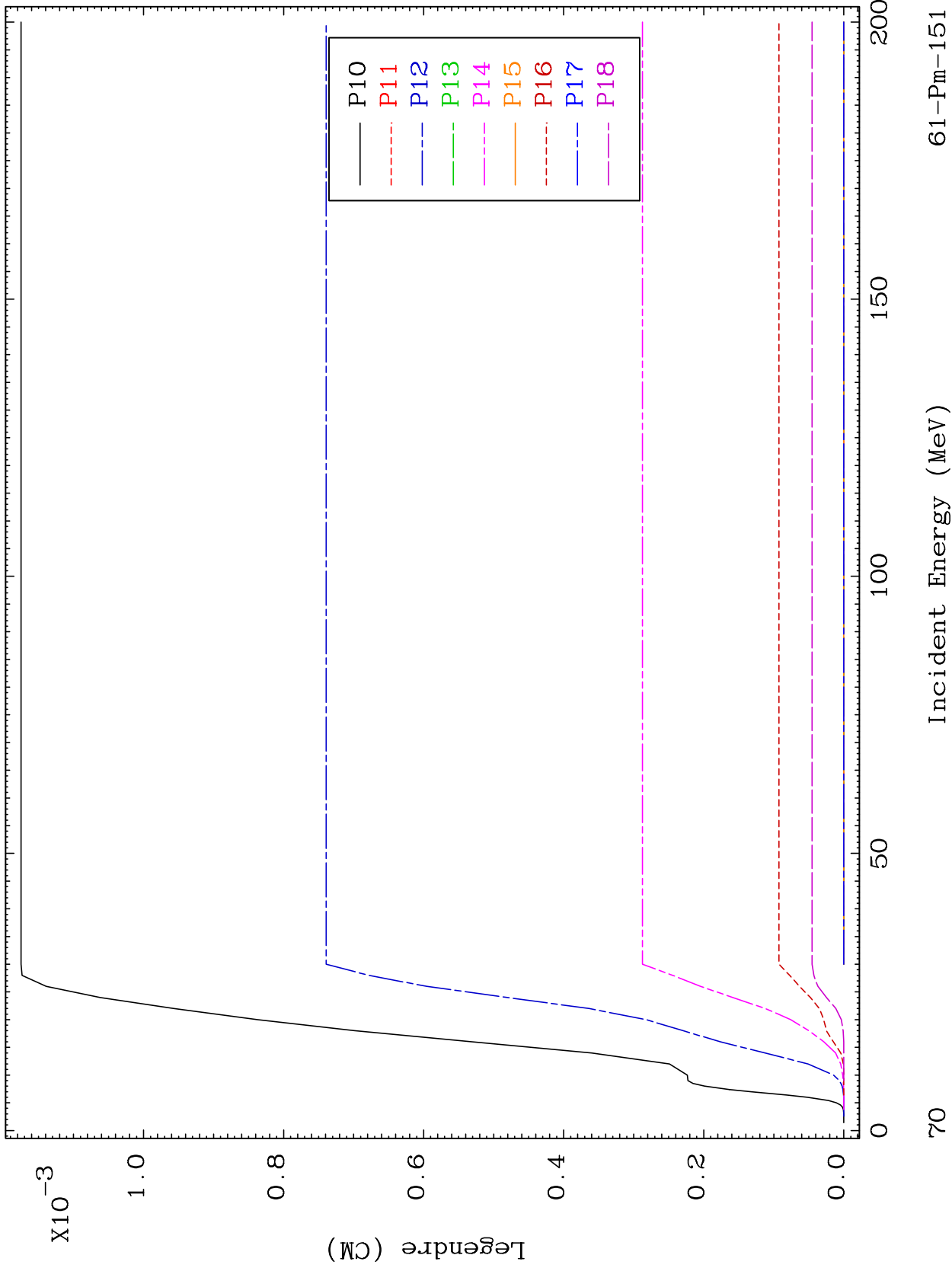


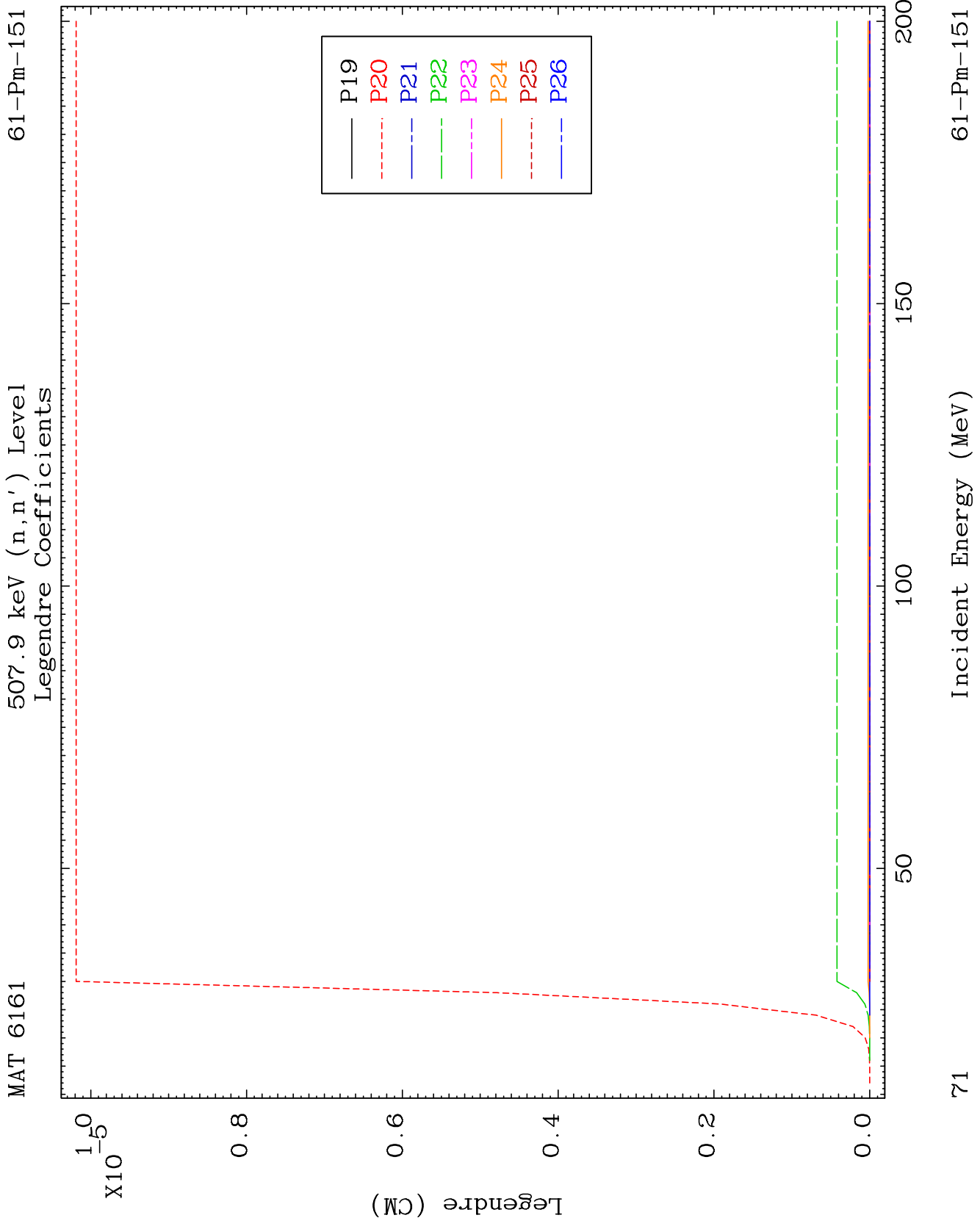


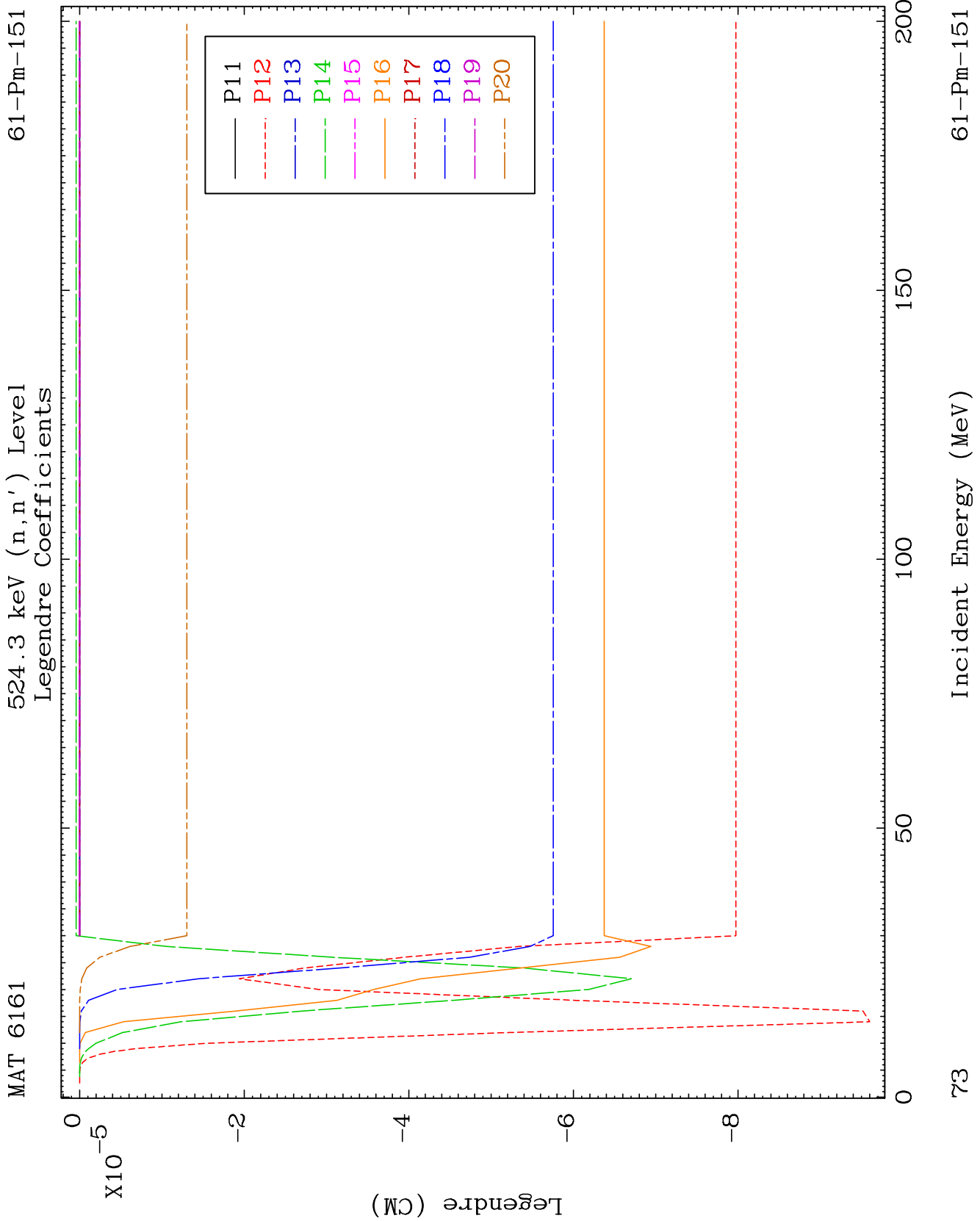
MAT 6161

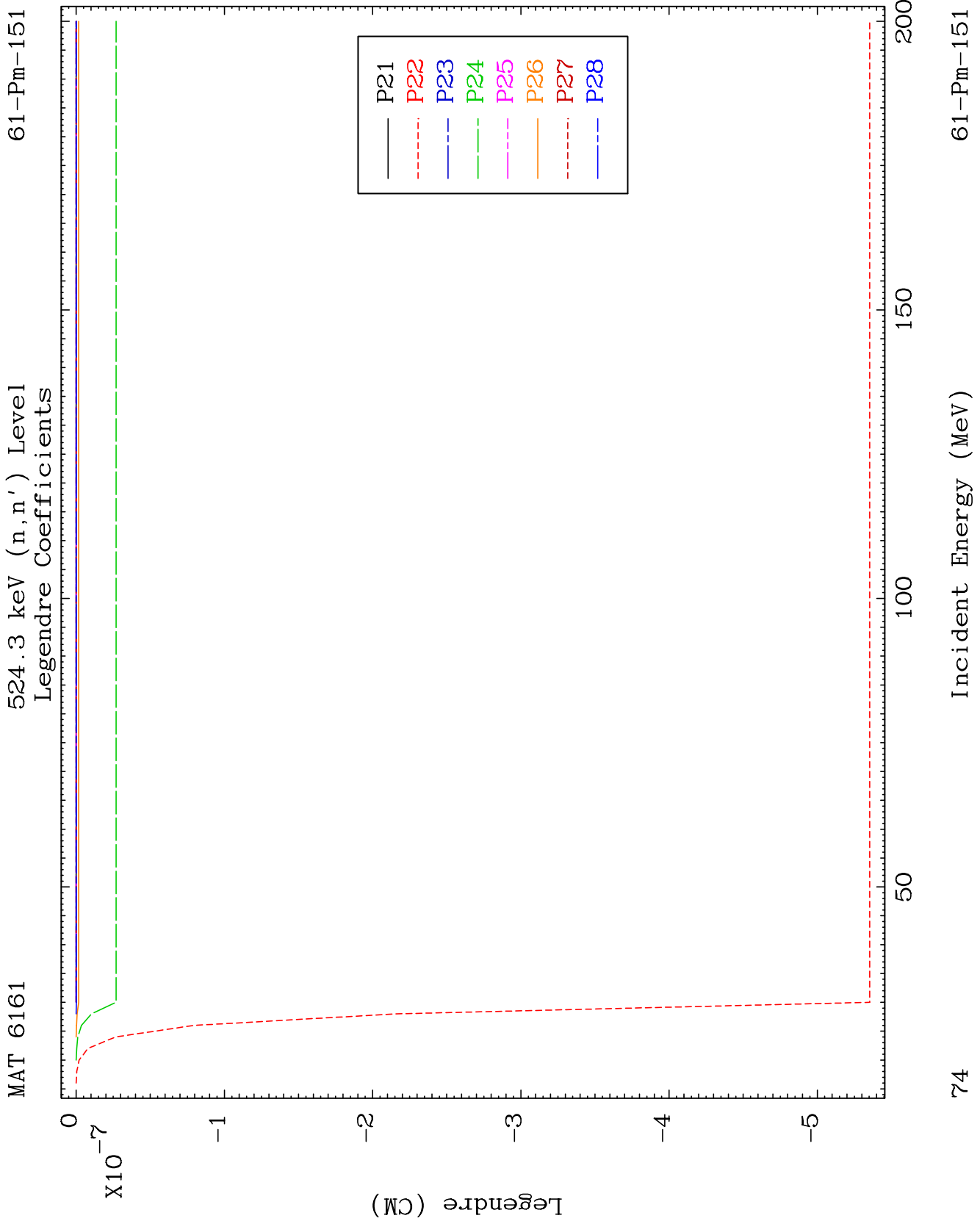
507.9 keV (n,n') Level
Legendre Coefficients

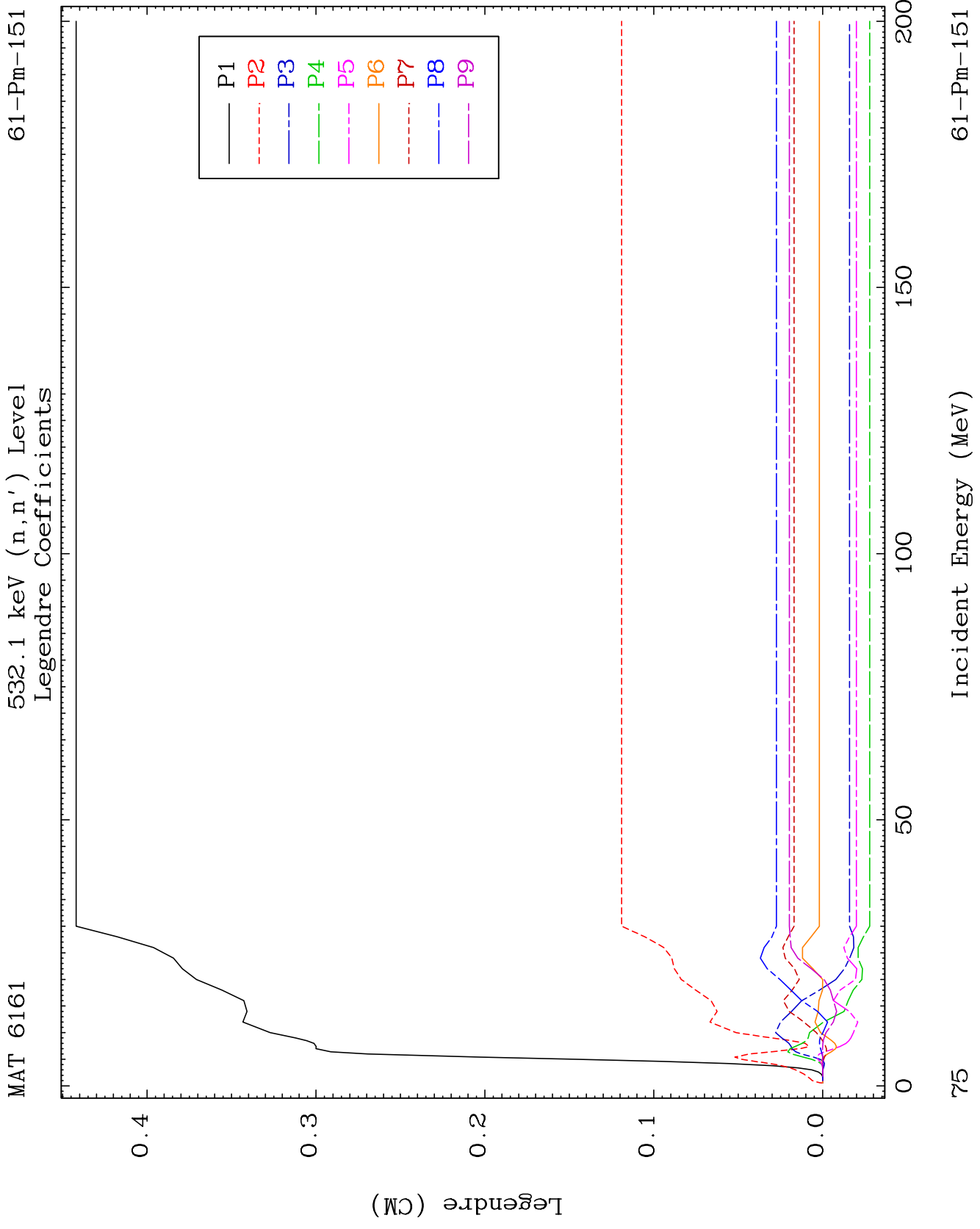
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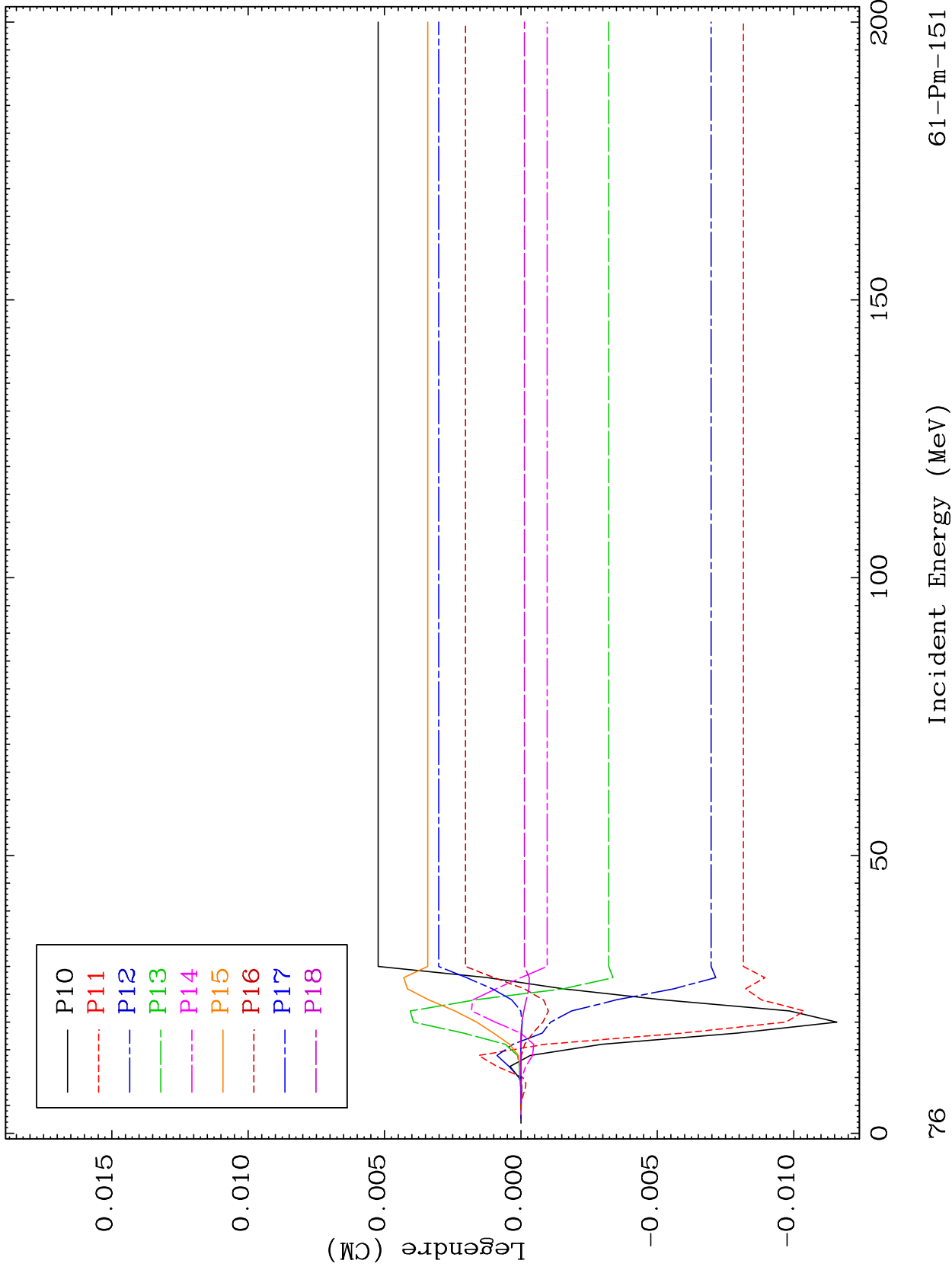




MAT 6161

532.1 keV (n,n') Level
Legendre Coefficients

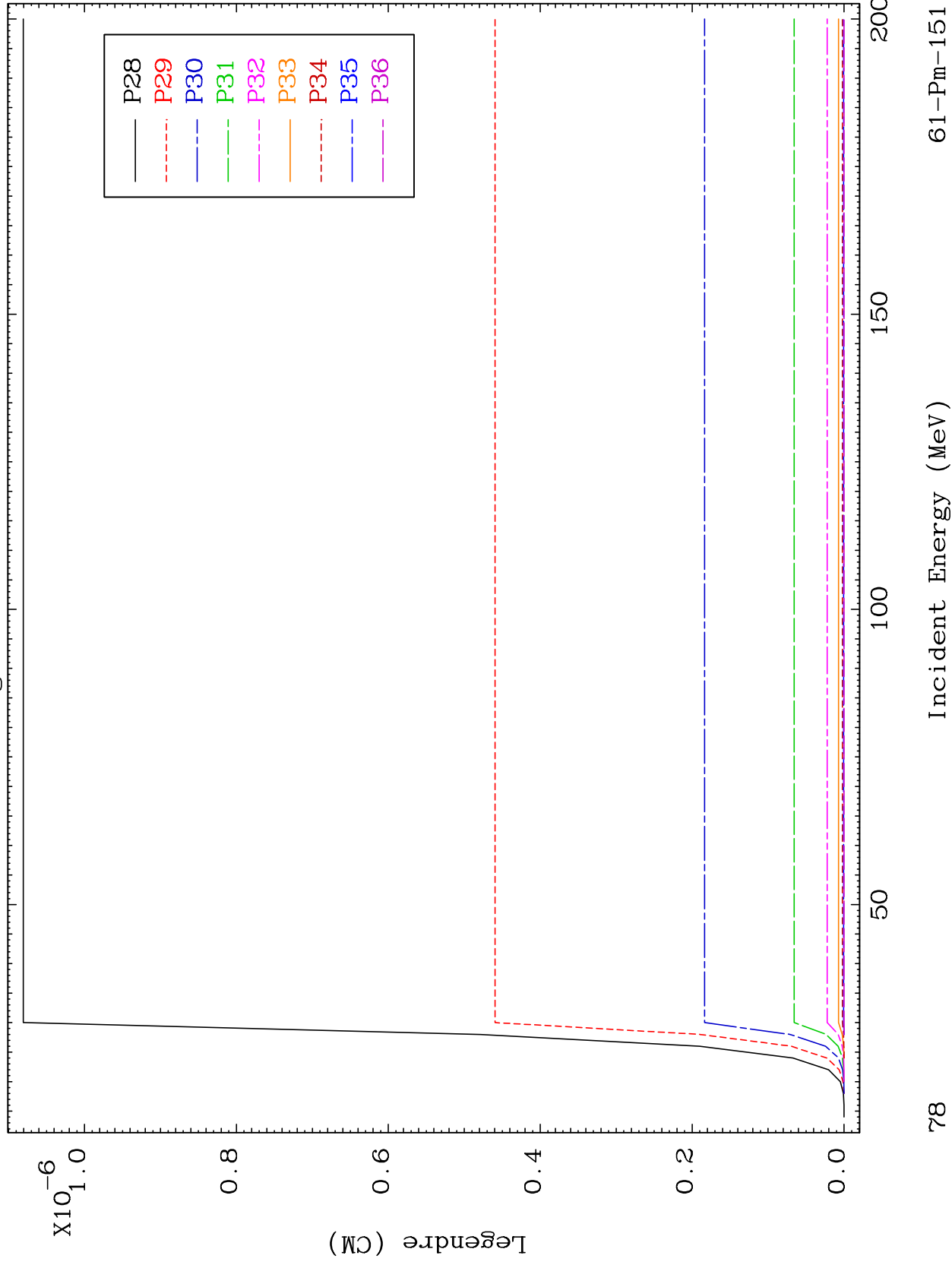
61-Pm-151



MAT 6161

532.1 keV (n,n') Level
Legendre Coefficients

61-Pm-151



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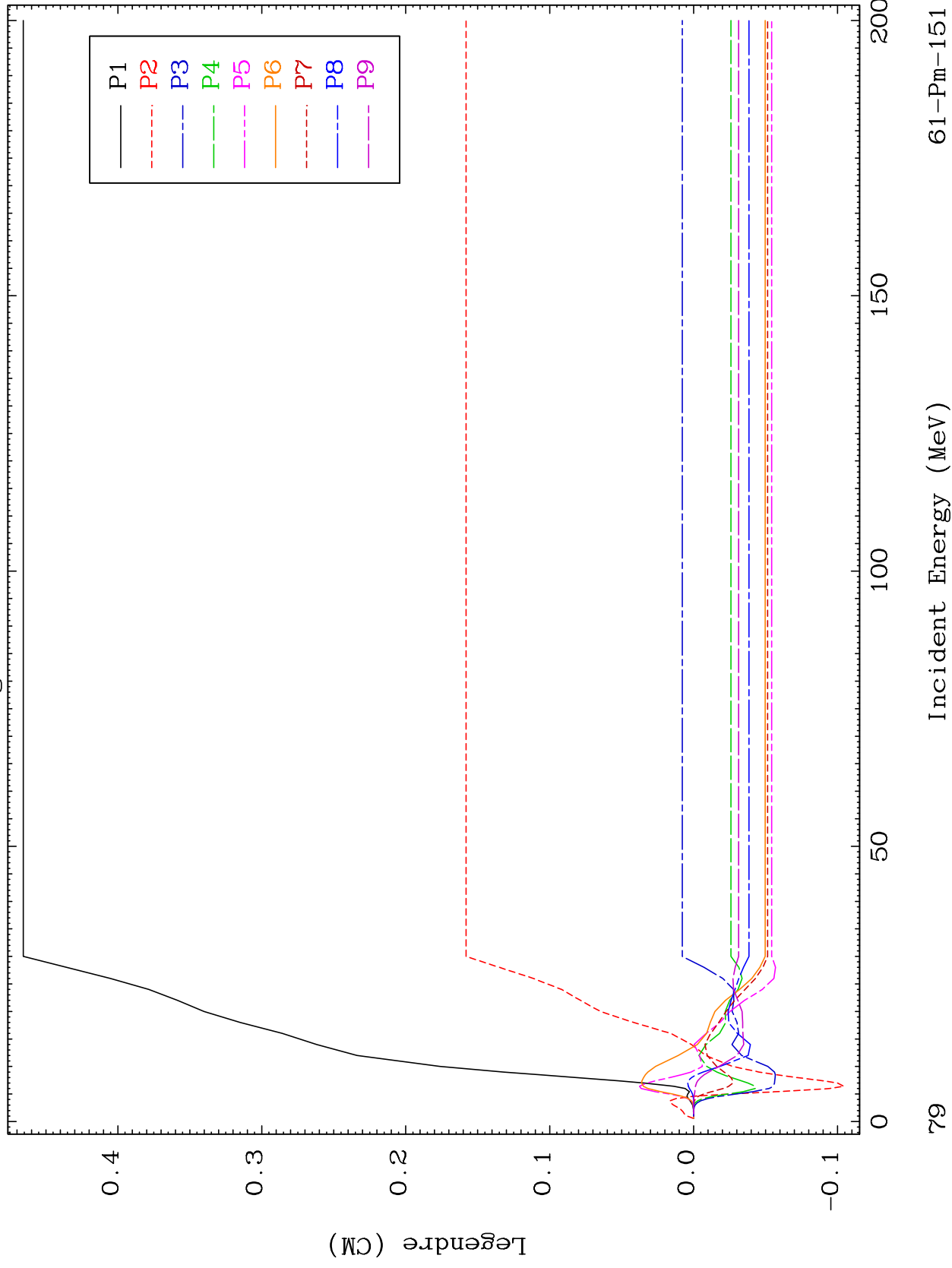
Incident Energy (MeV)

61-Pm-151

MAT 6161

540.4 keV (n,n') Level
Legendre Coefficients

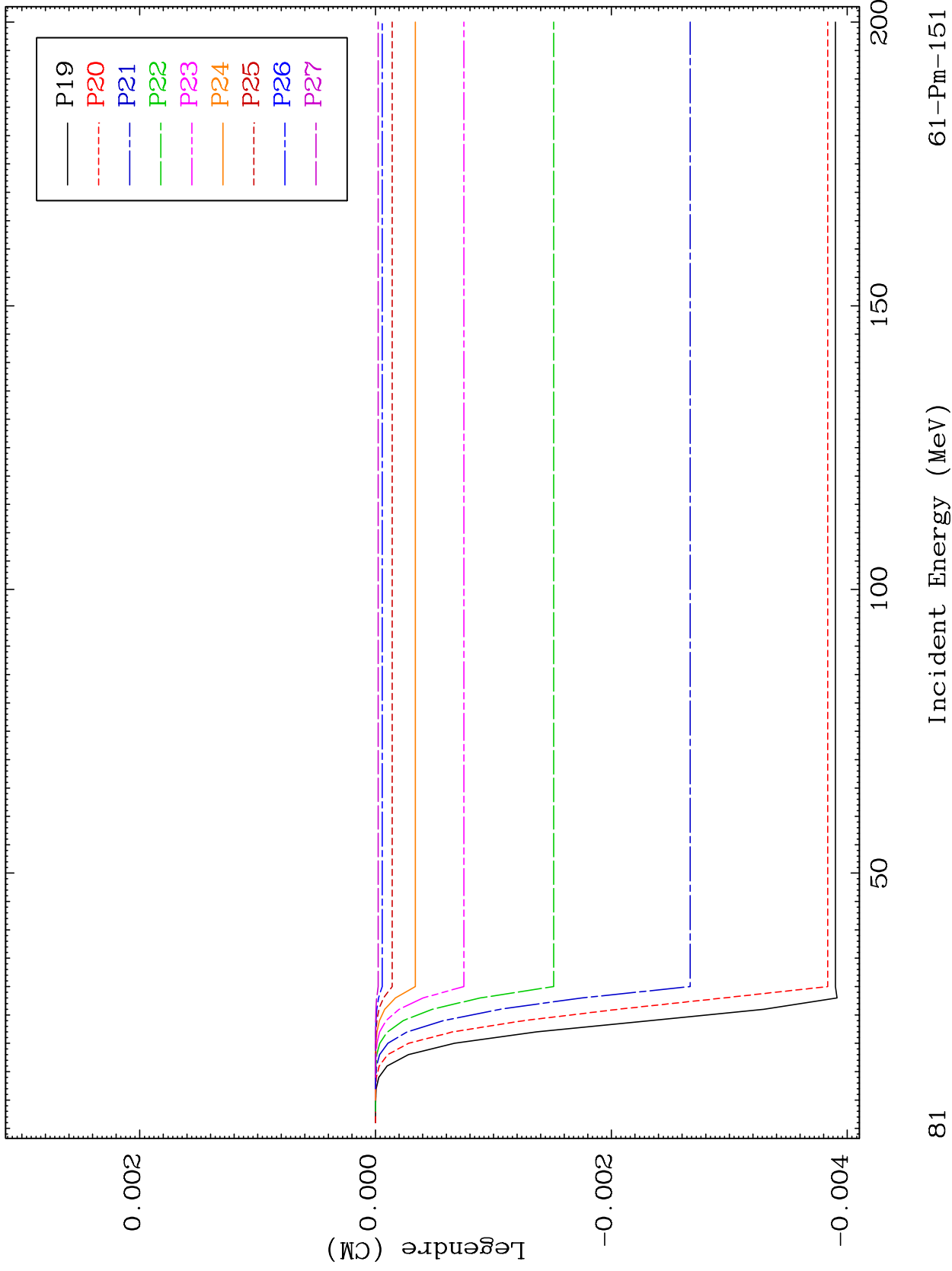
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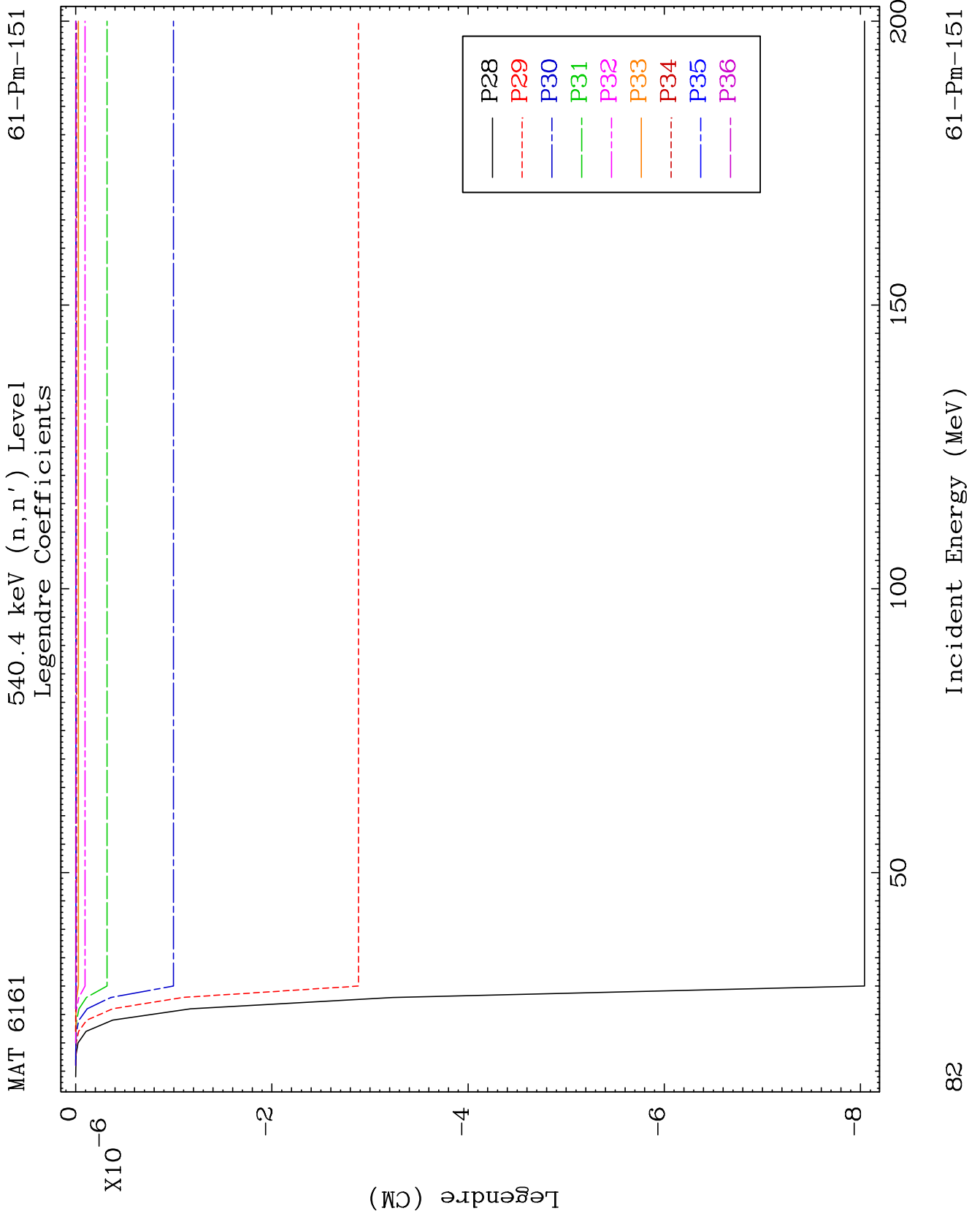


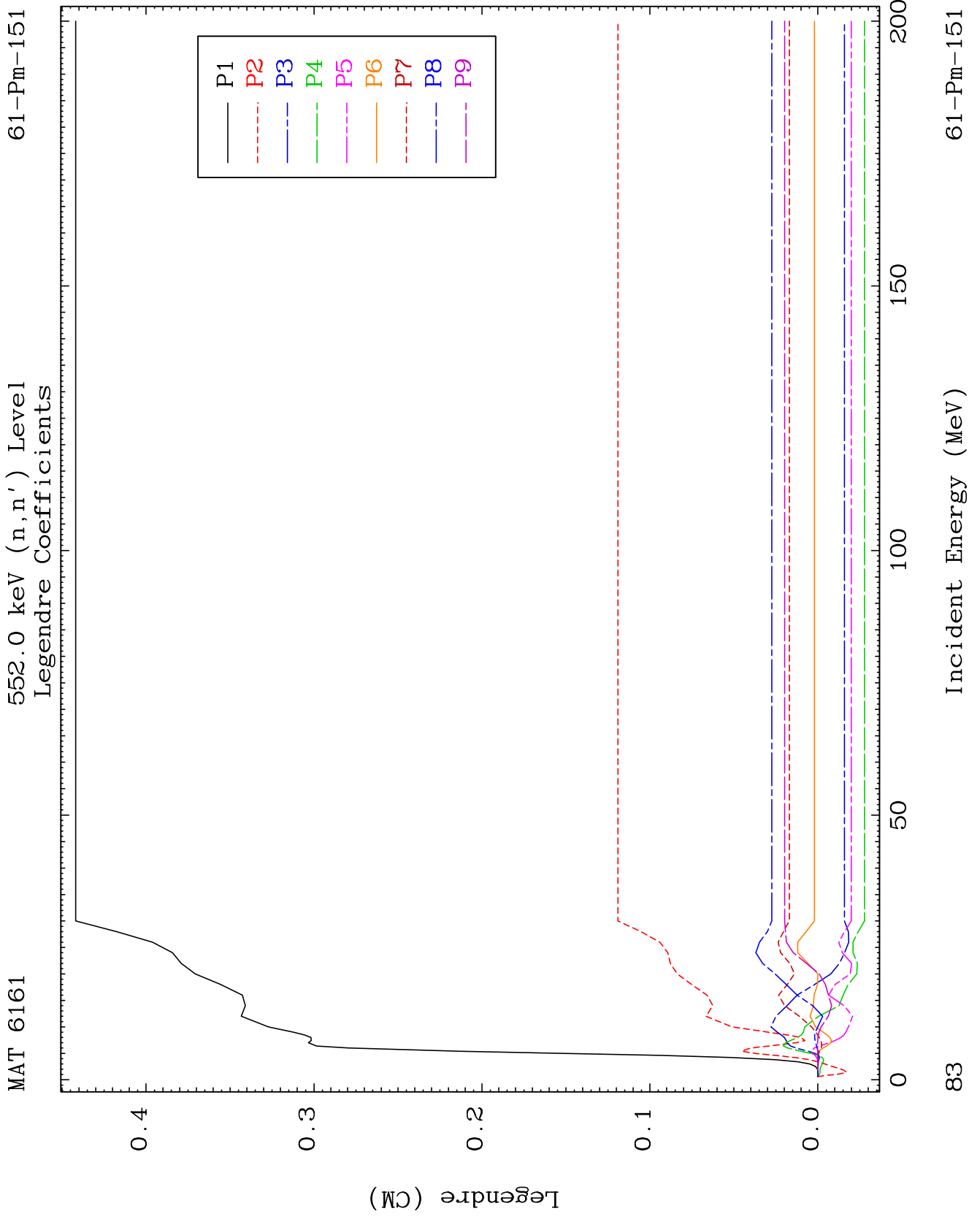
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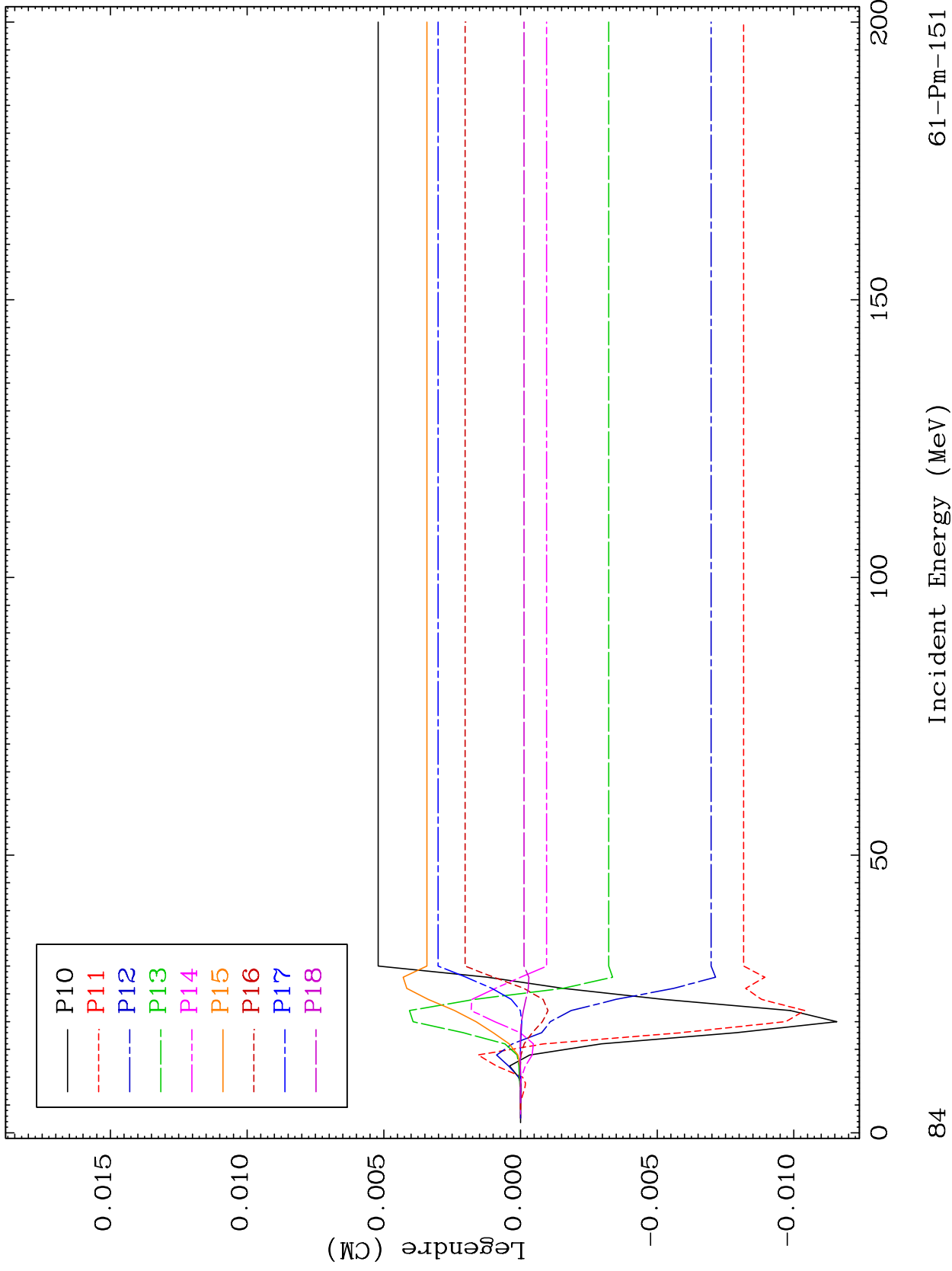
Incident Energy (MeV)

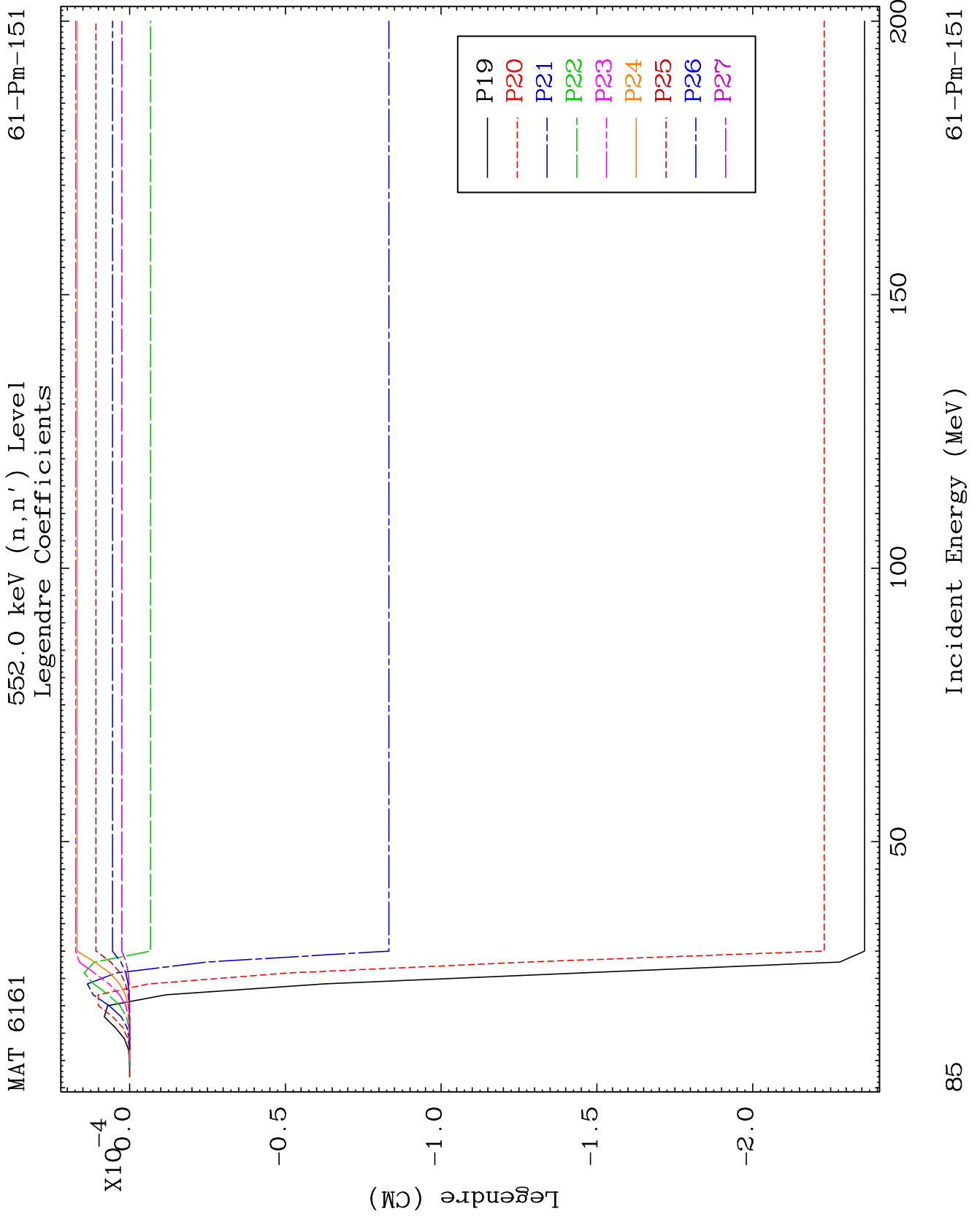
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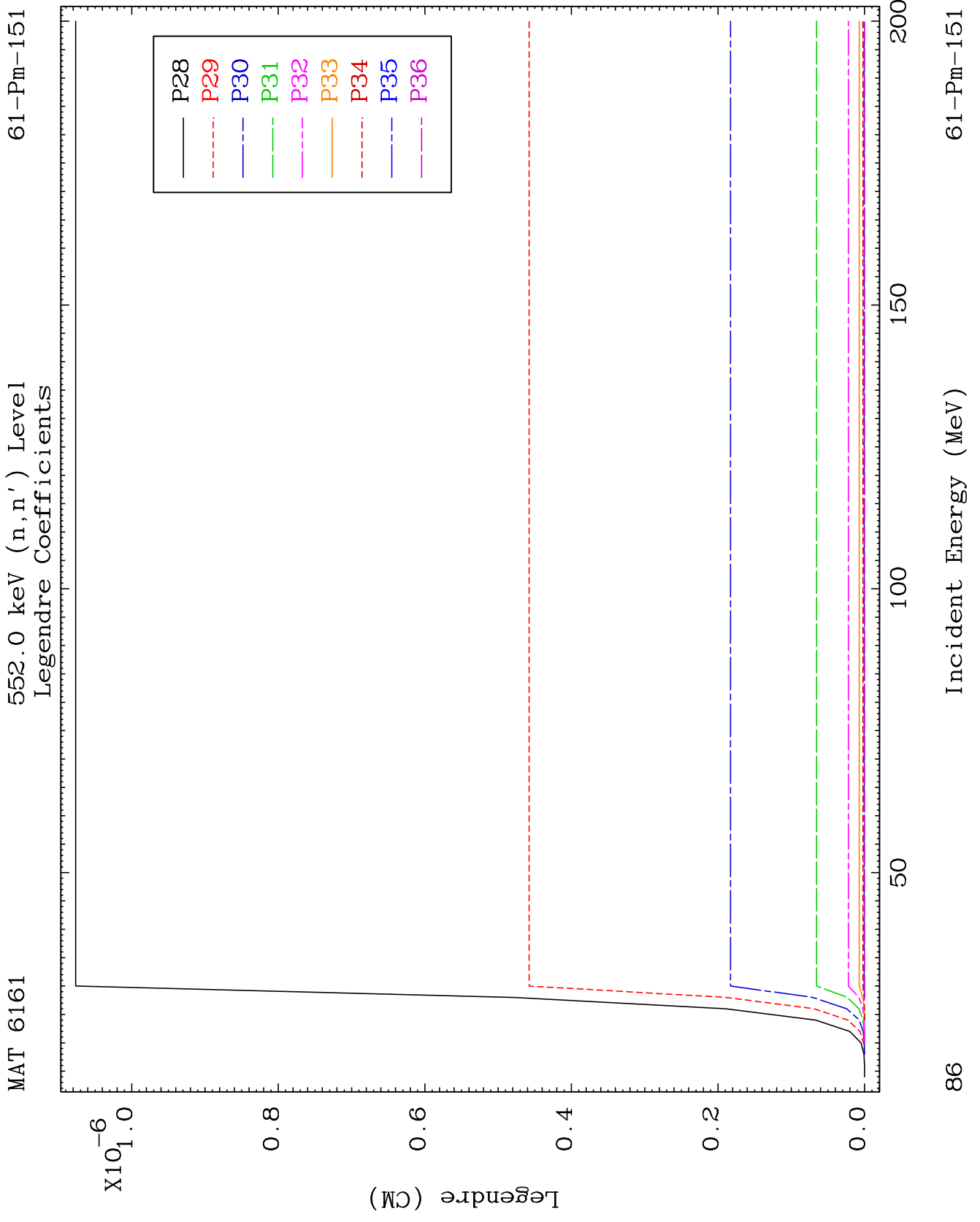


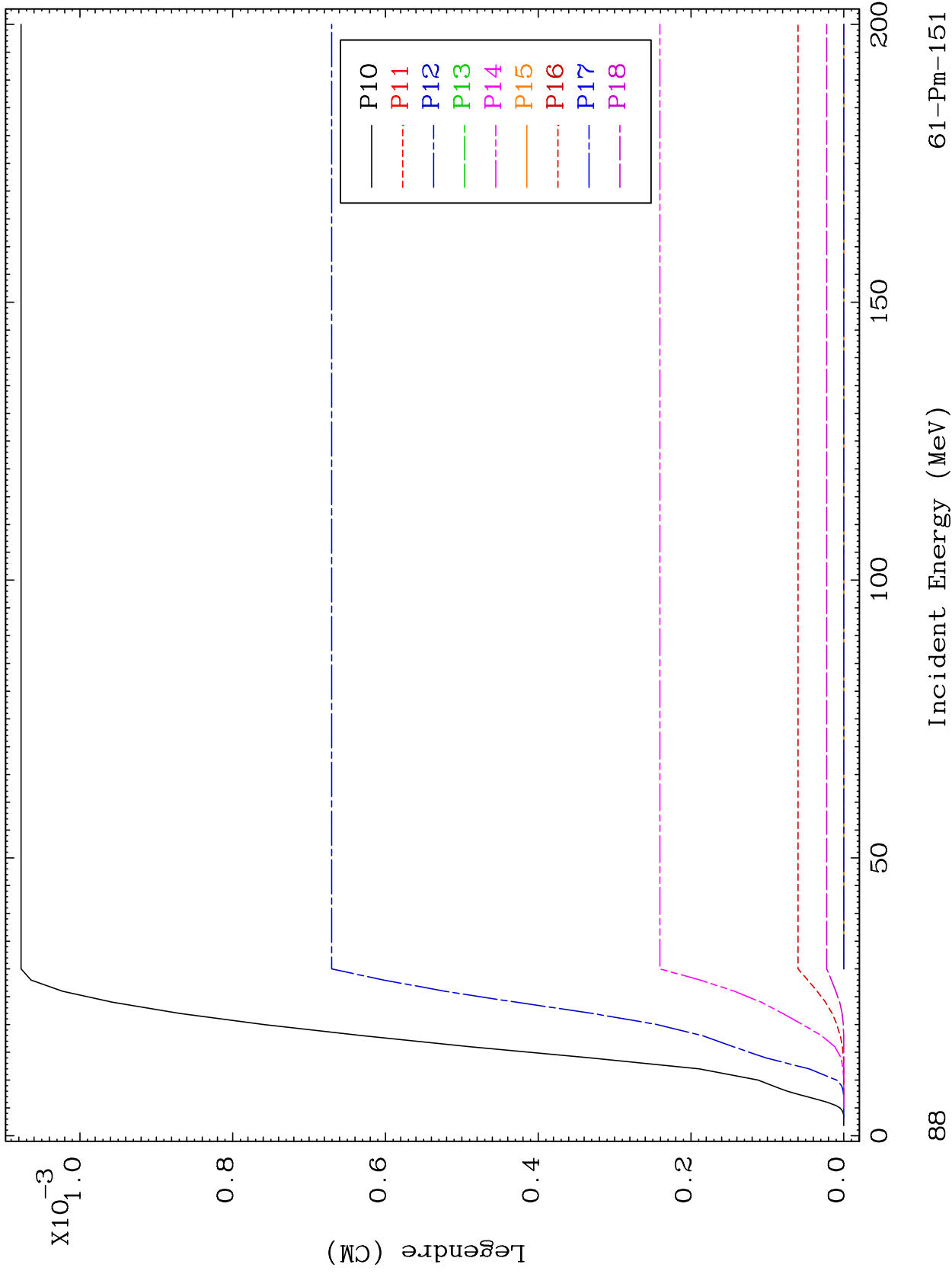


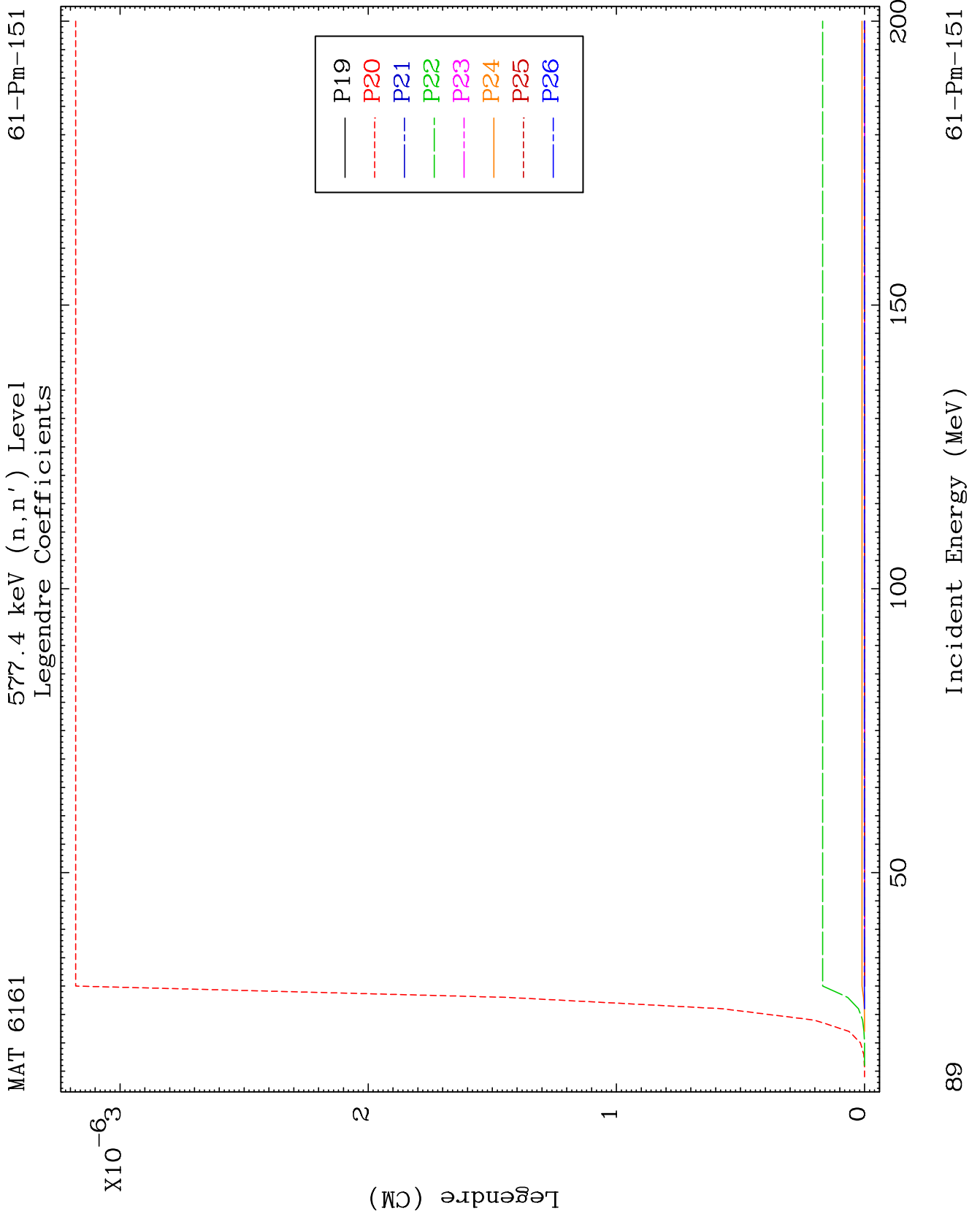


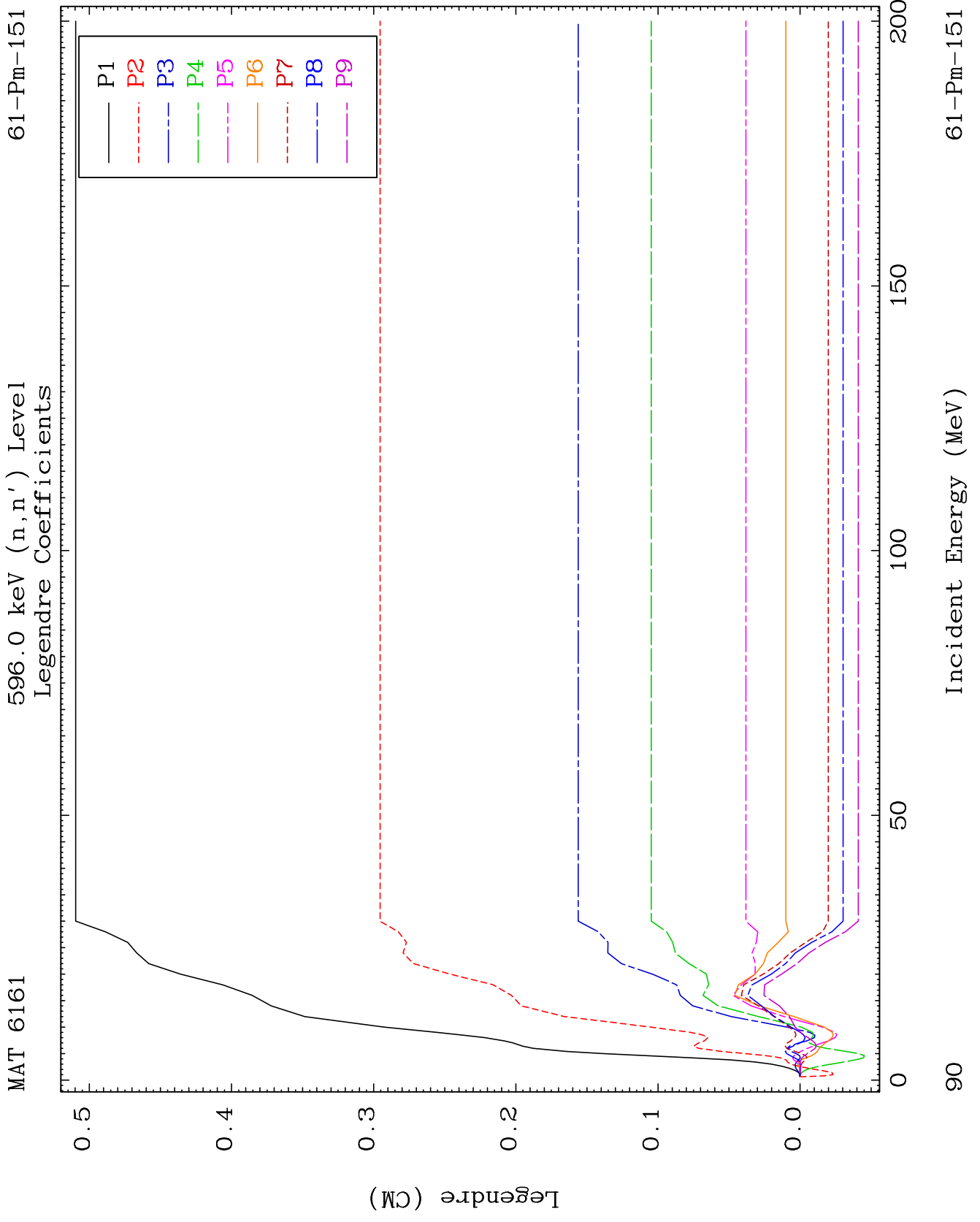








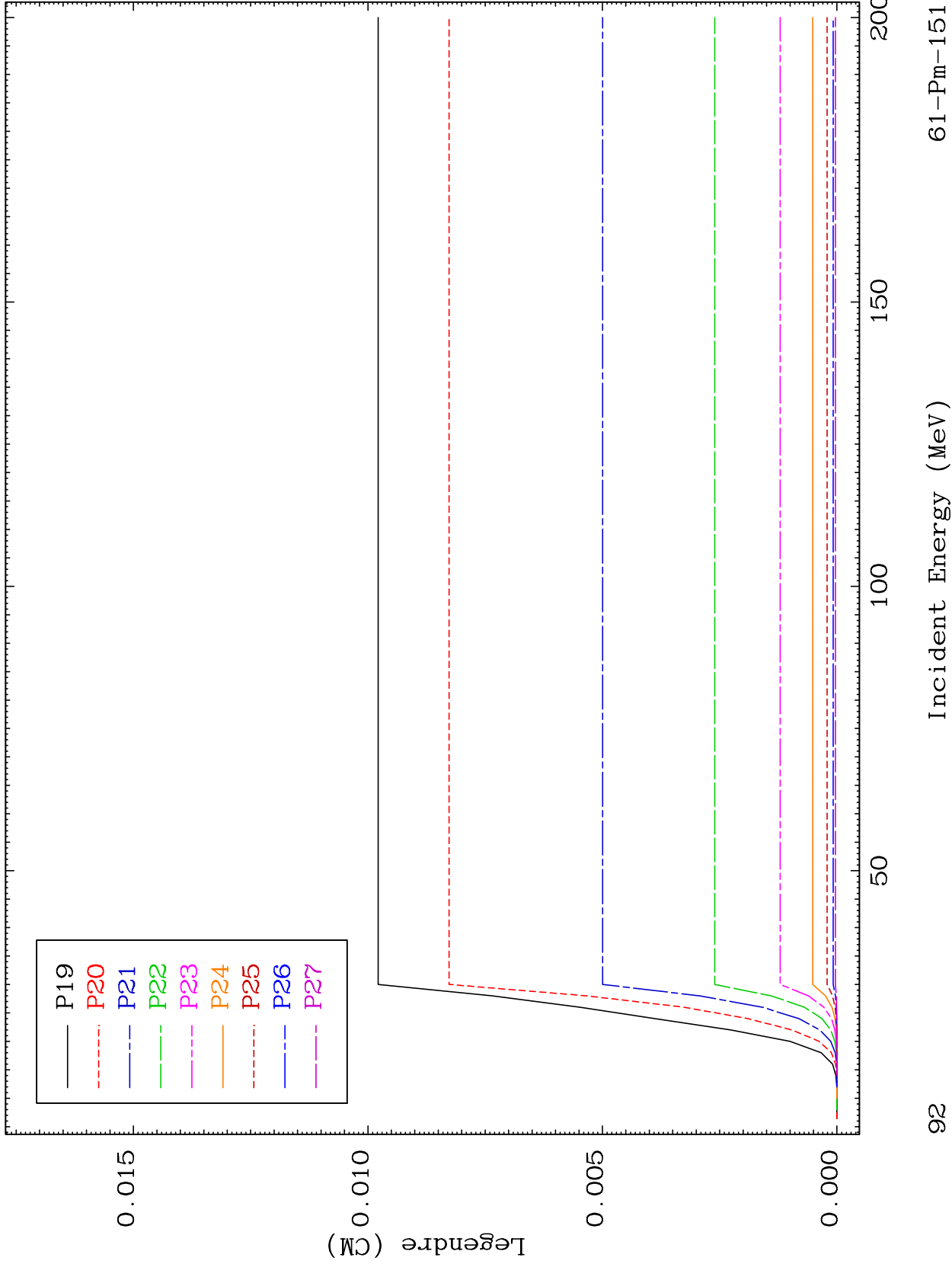




MAT 6161

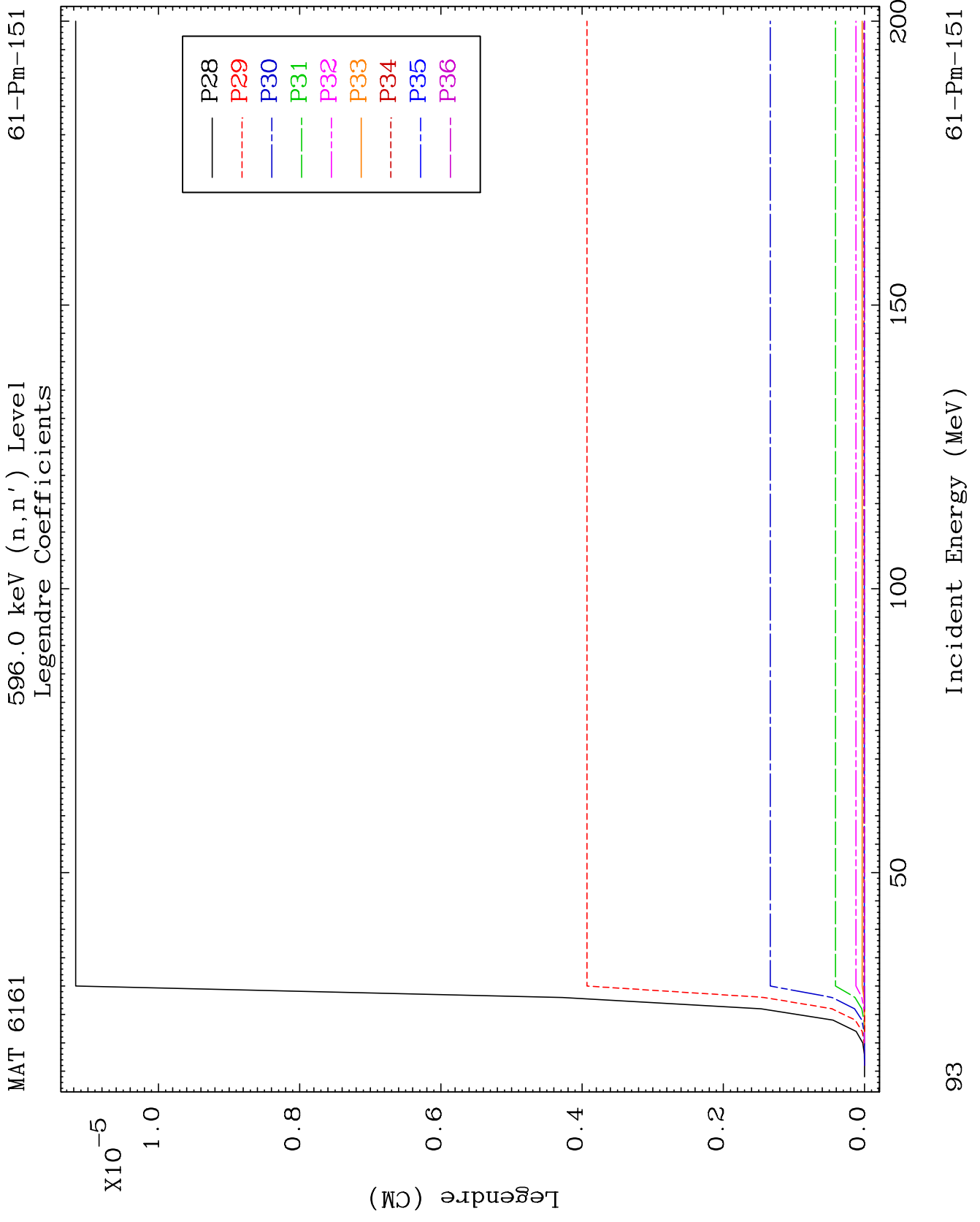
596.0 keV (n,n') Level
Legendre Coefficients

61-Pm-151



92

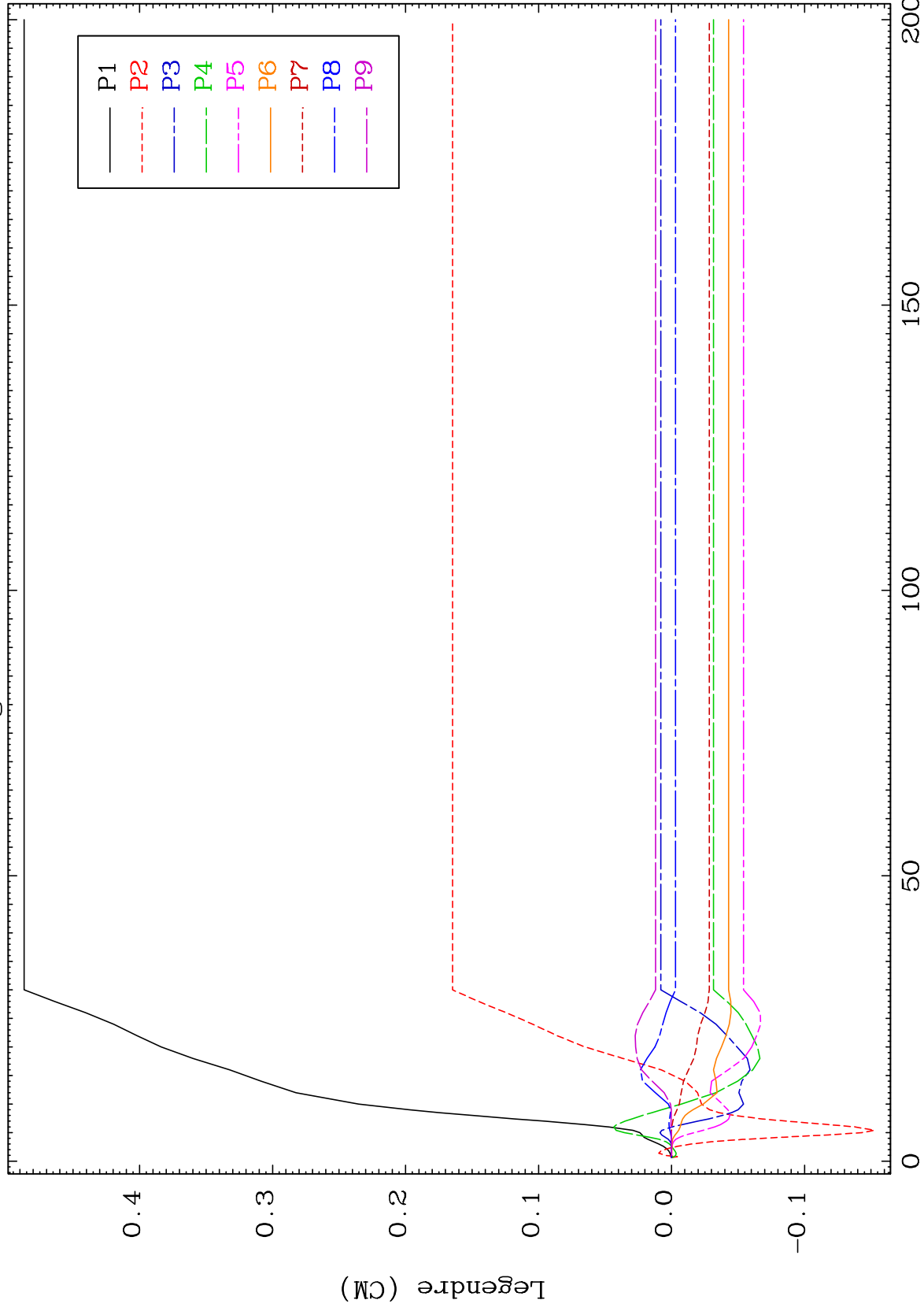
61-Pm-151



MAT 6161

597.1 keV (n,n') Level
Legendre Coefficients

61-Pm-151



94

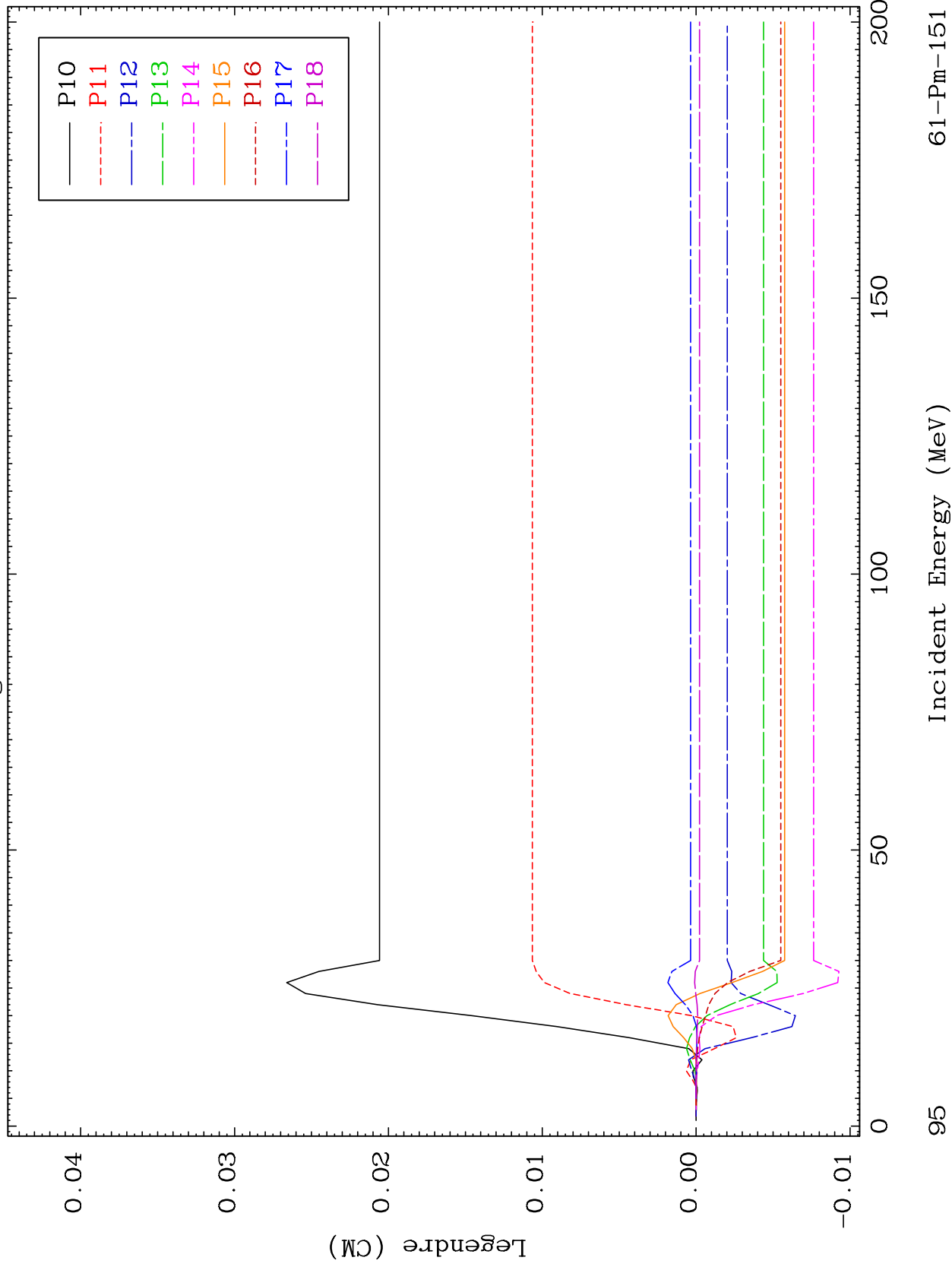
Incident Energy (MeV)

61-Pm-151

MAT 6161

597.1 keV (n,n') Level
Legendre Coefficients

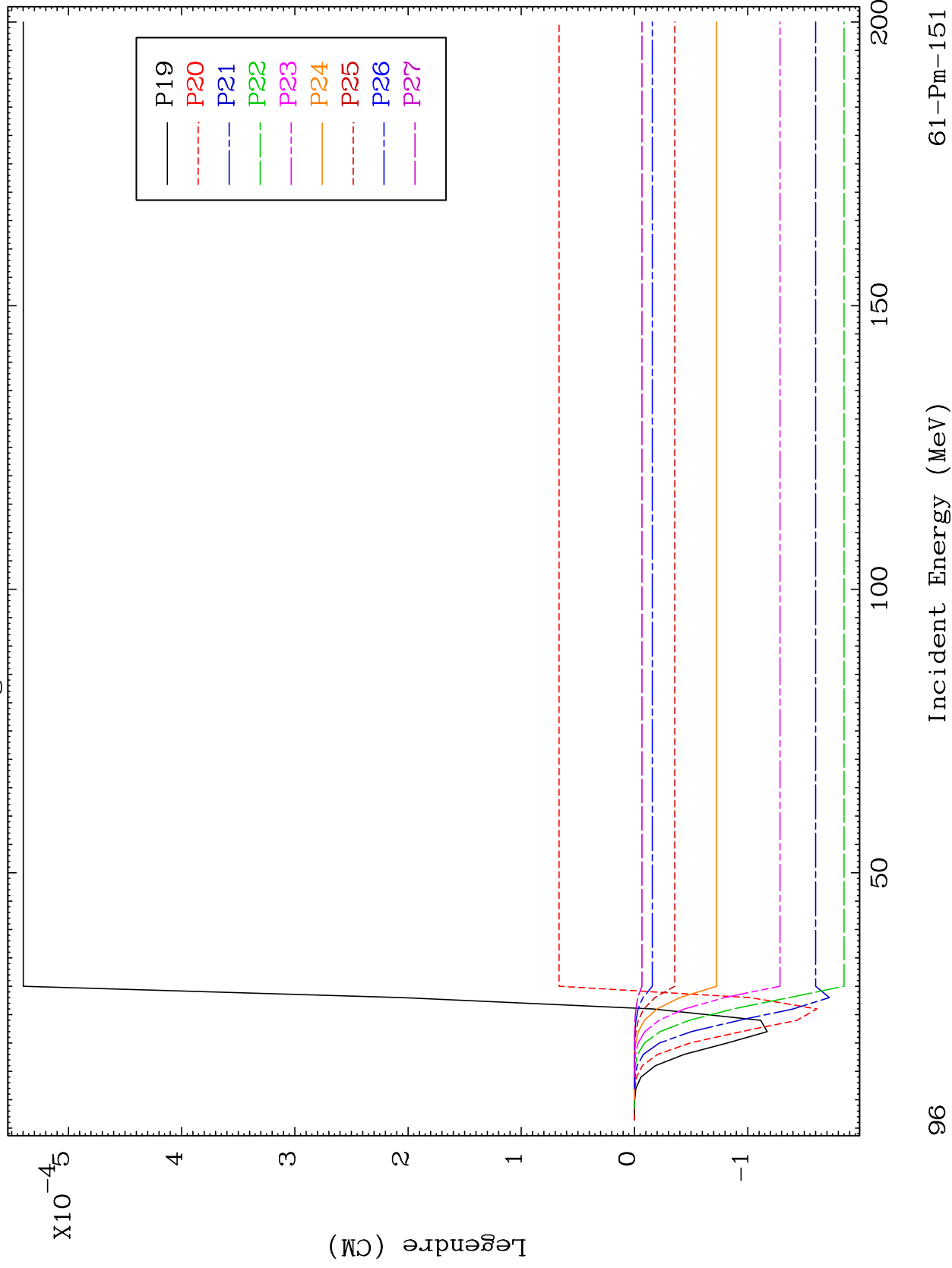
61-Pm-151

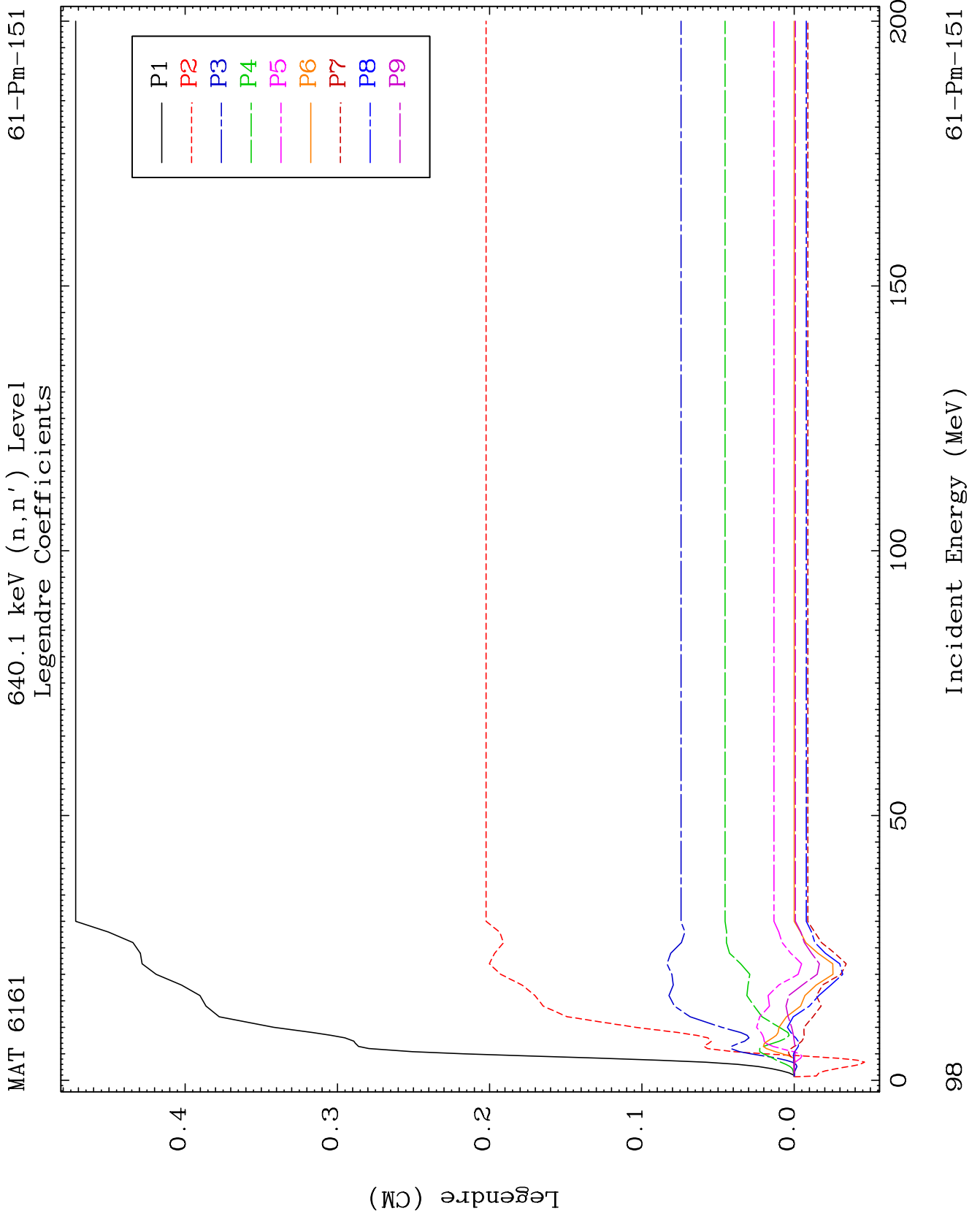


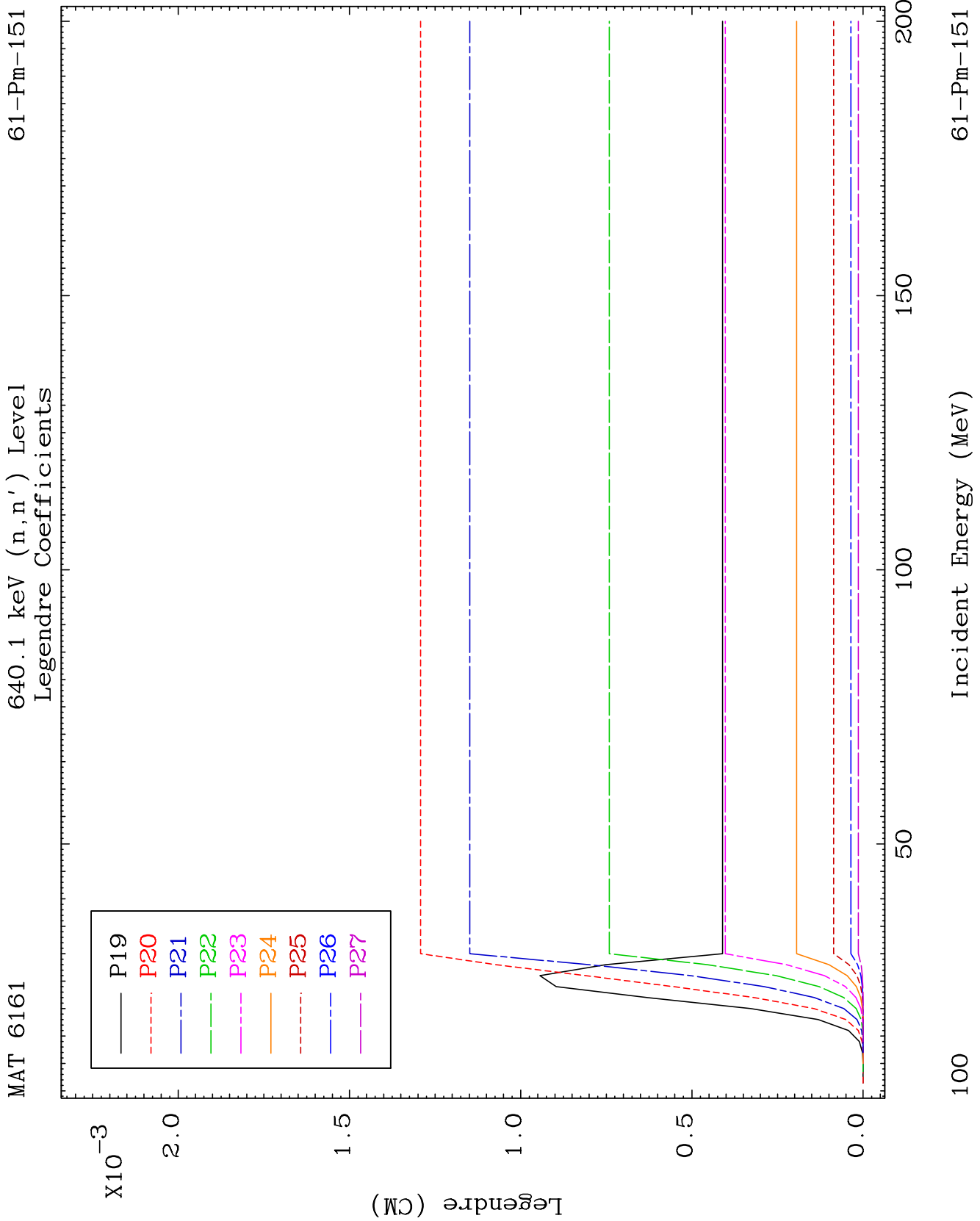
61-Pm-151

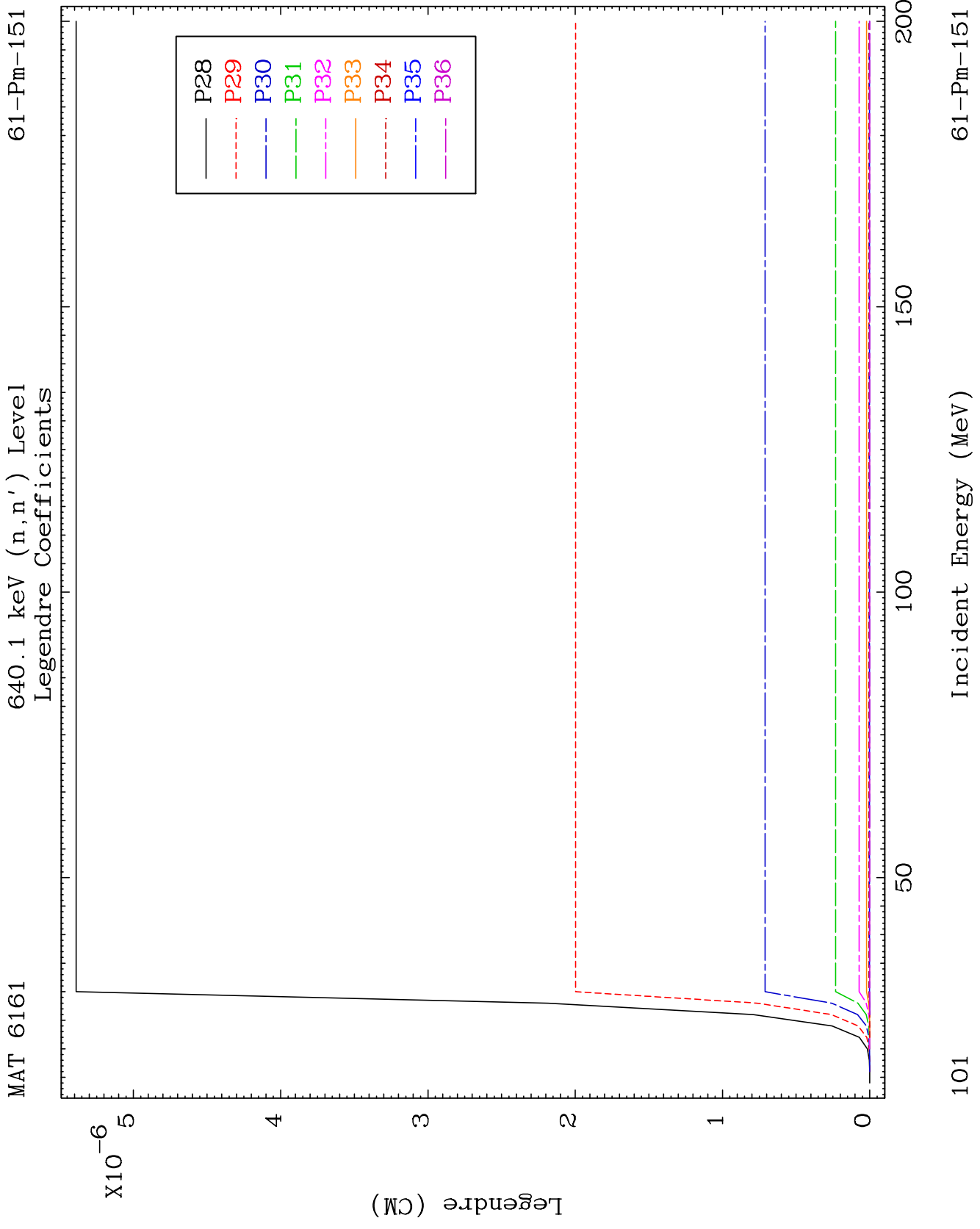
Incident Energy (MeV)

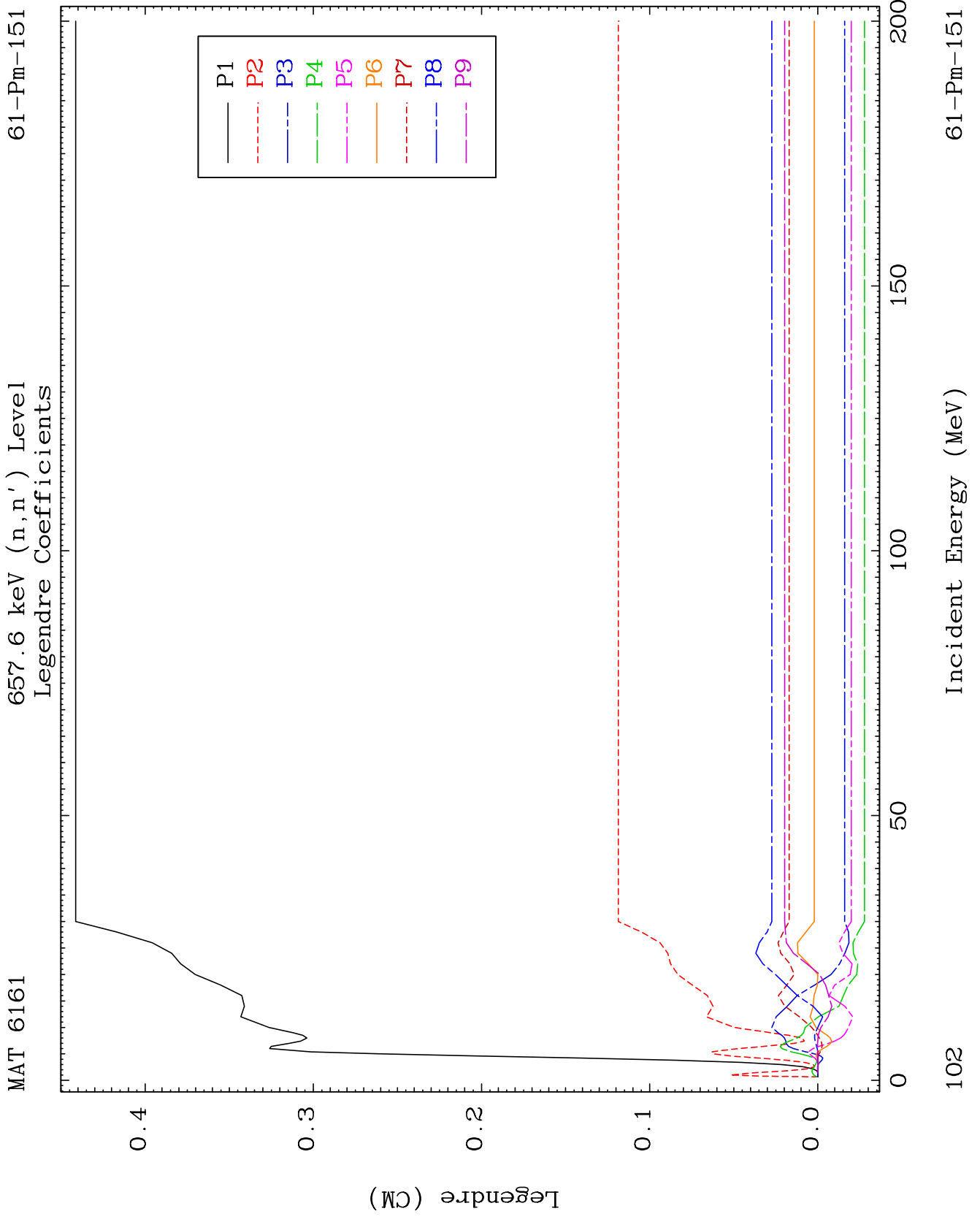
95







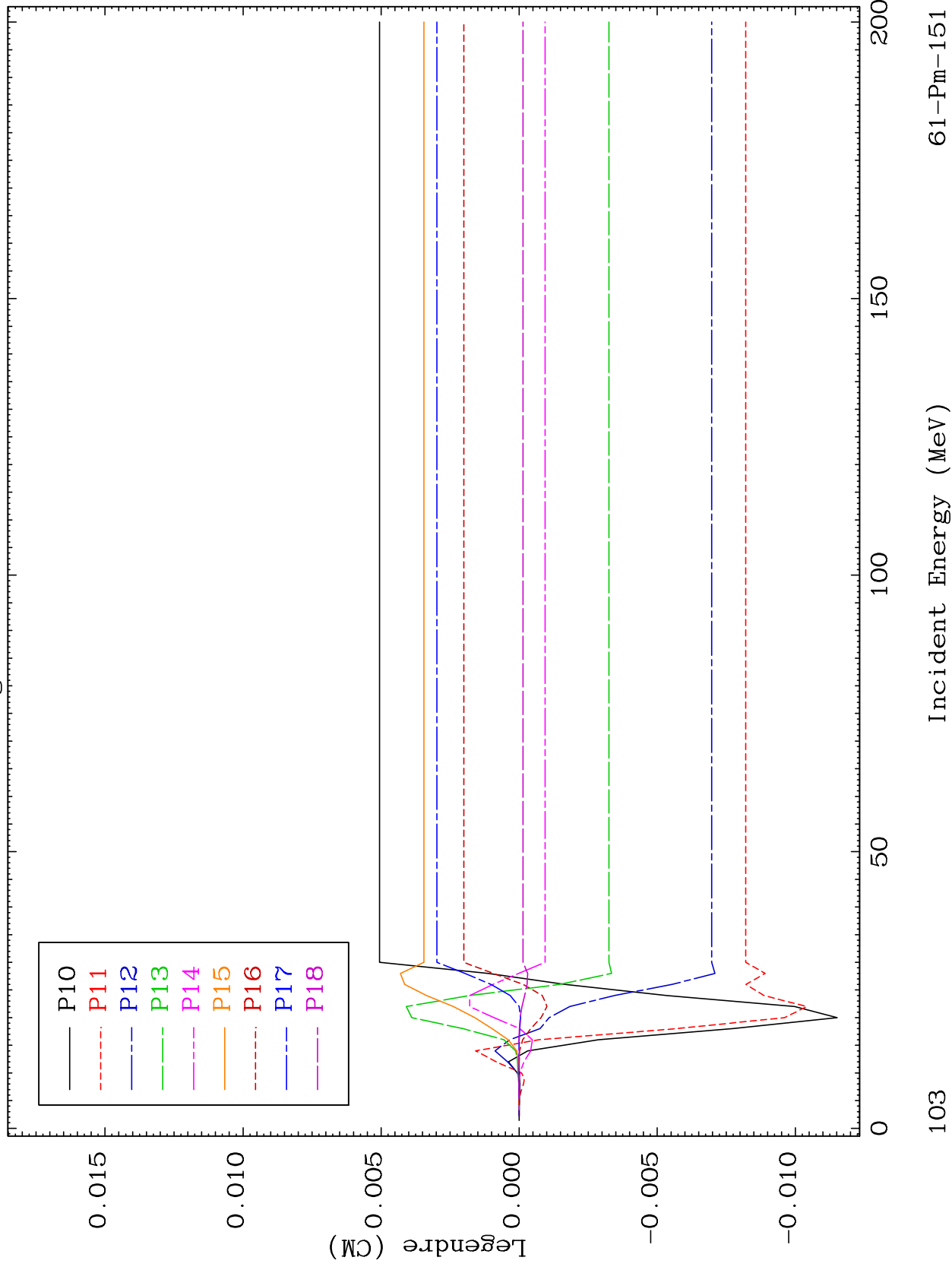




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657.6 keV (n,n') Level
Legendre Coefficients

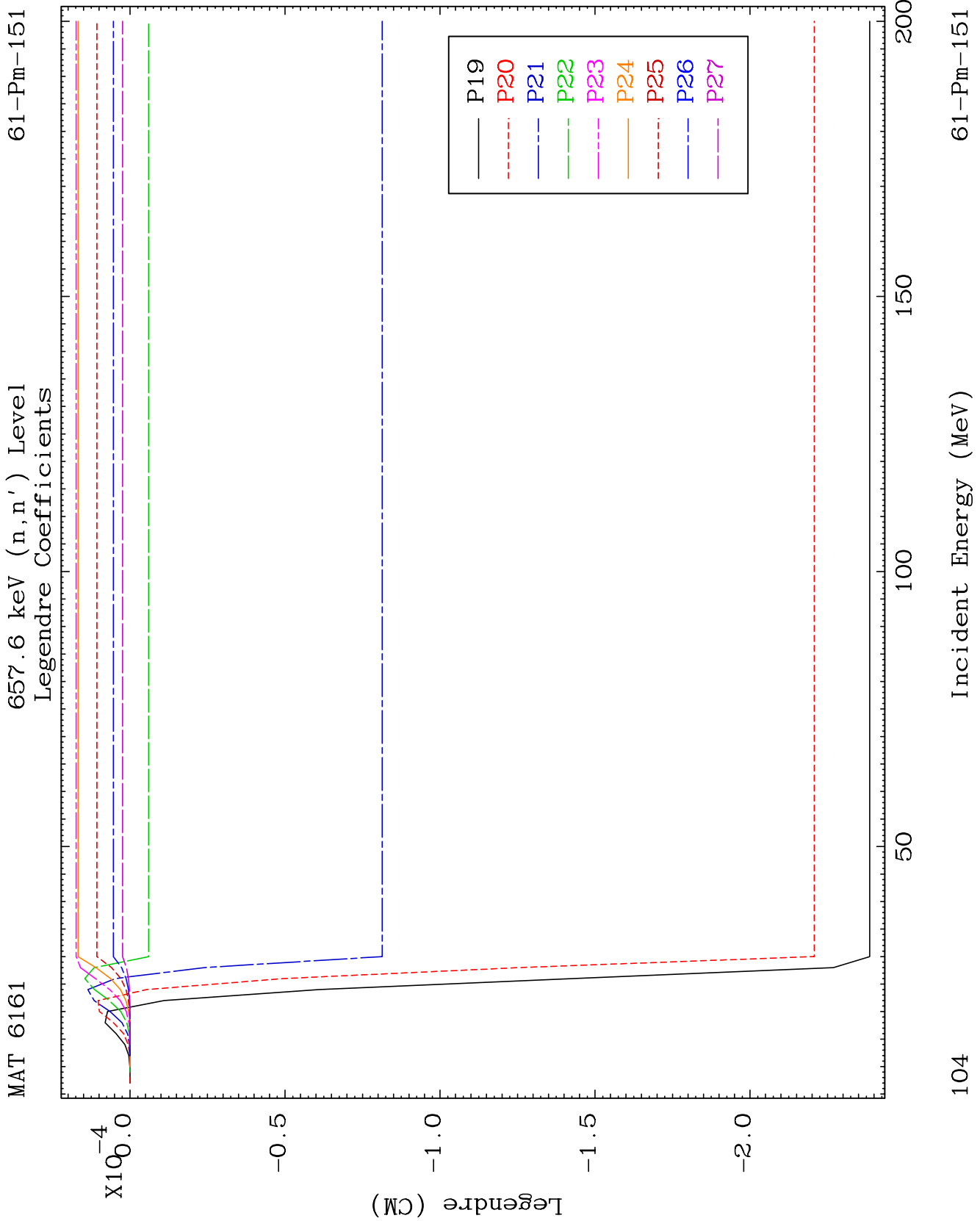
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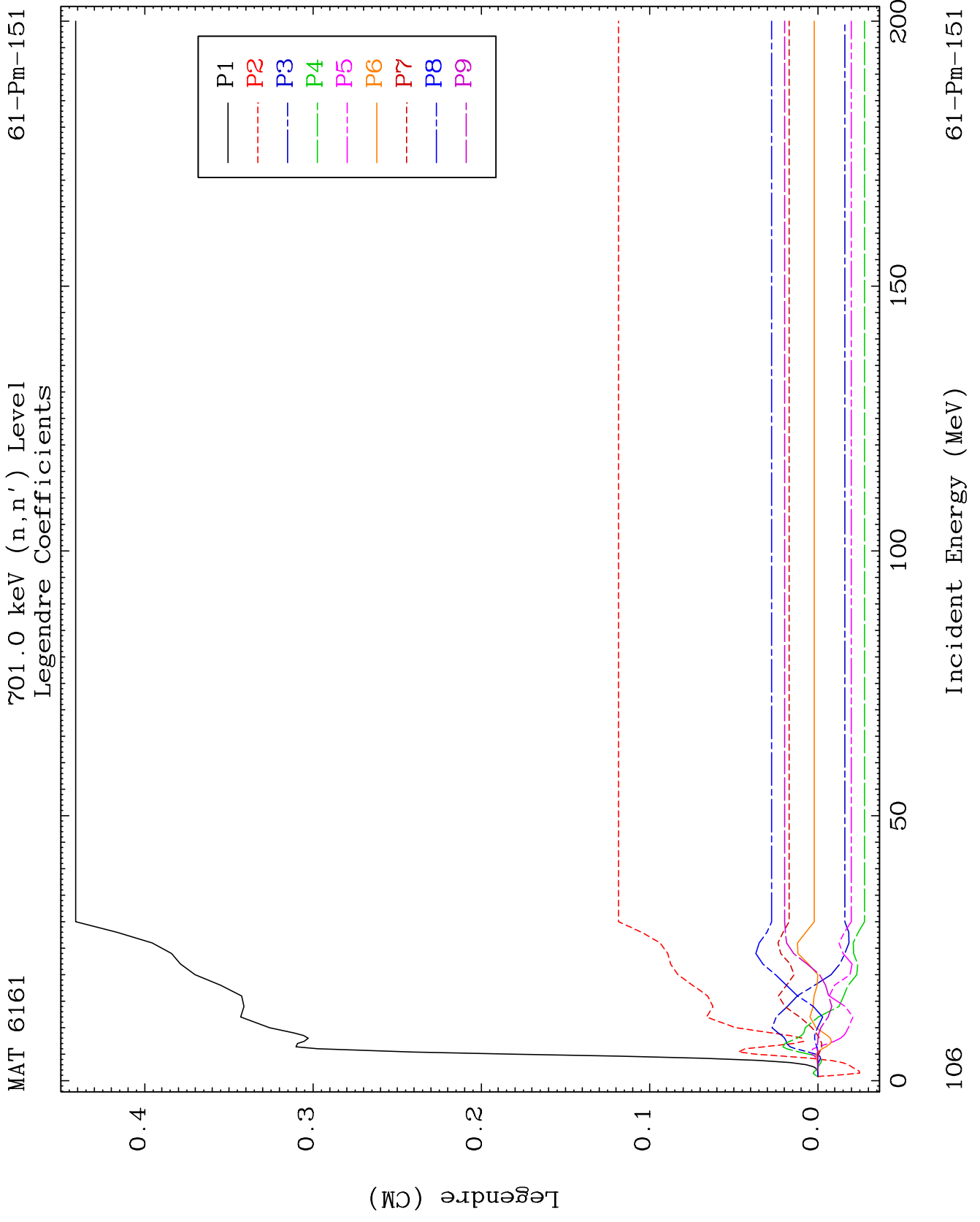


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Incident Energy (MeV)

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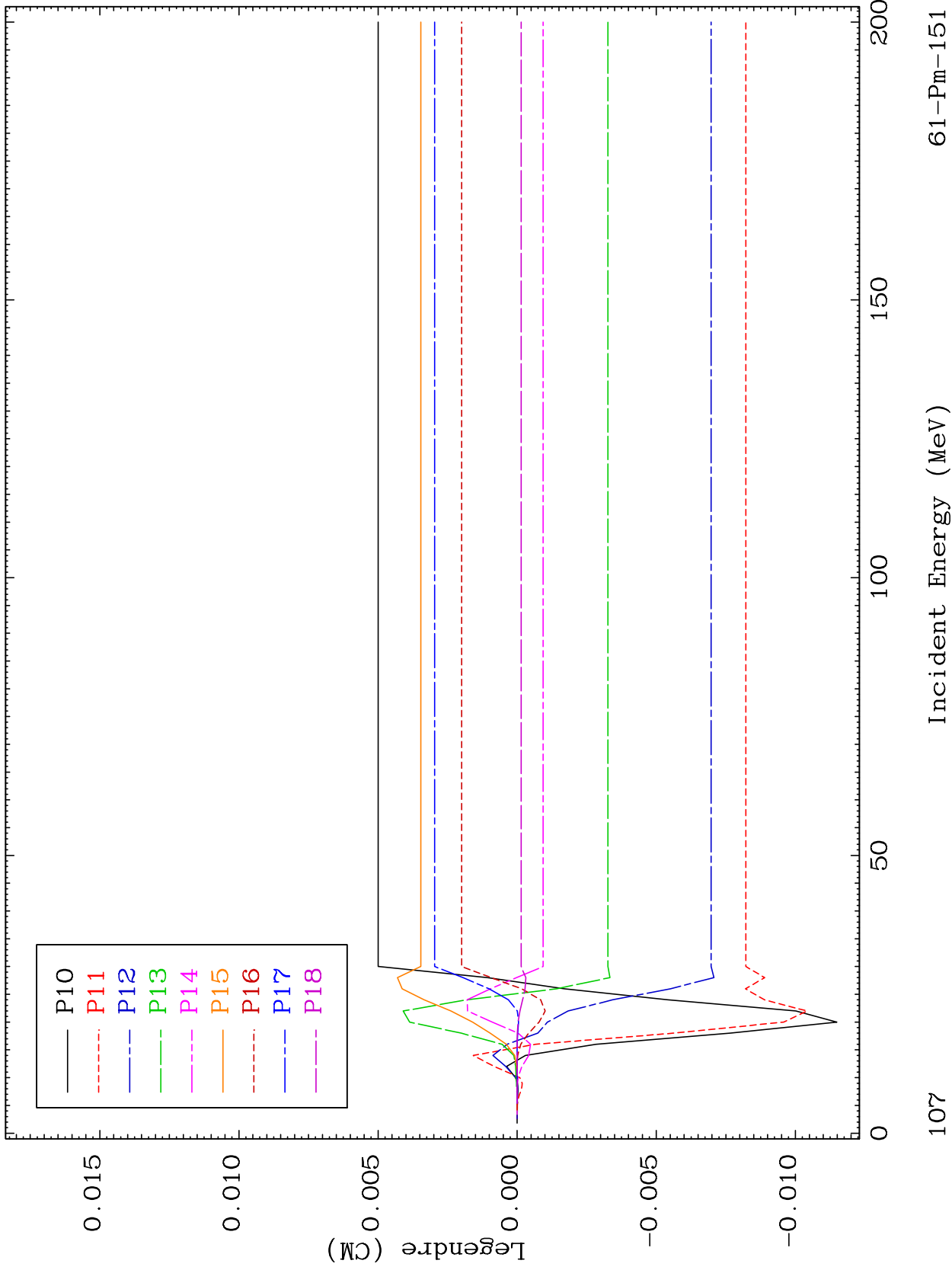




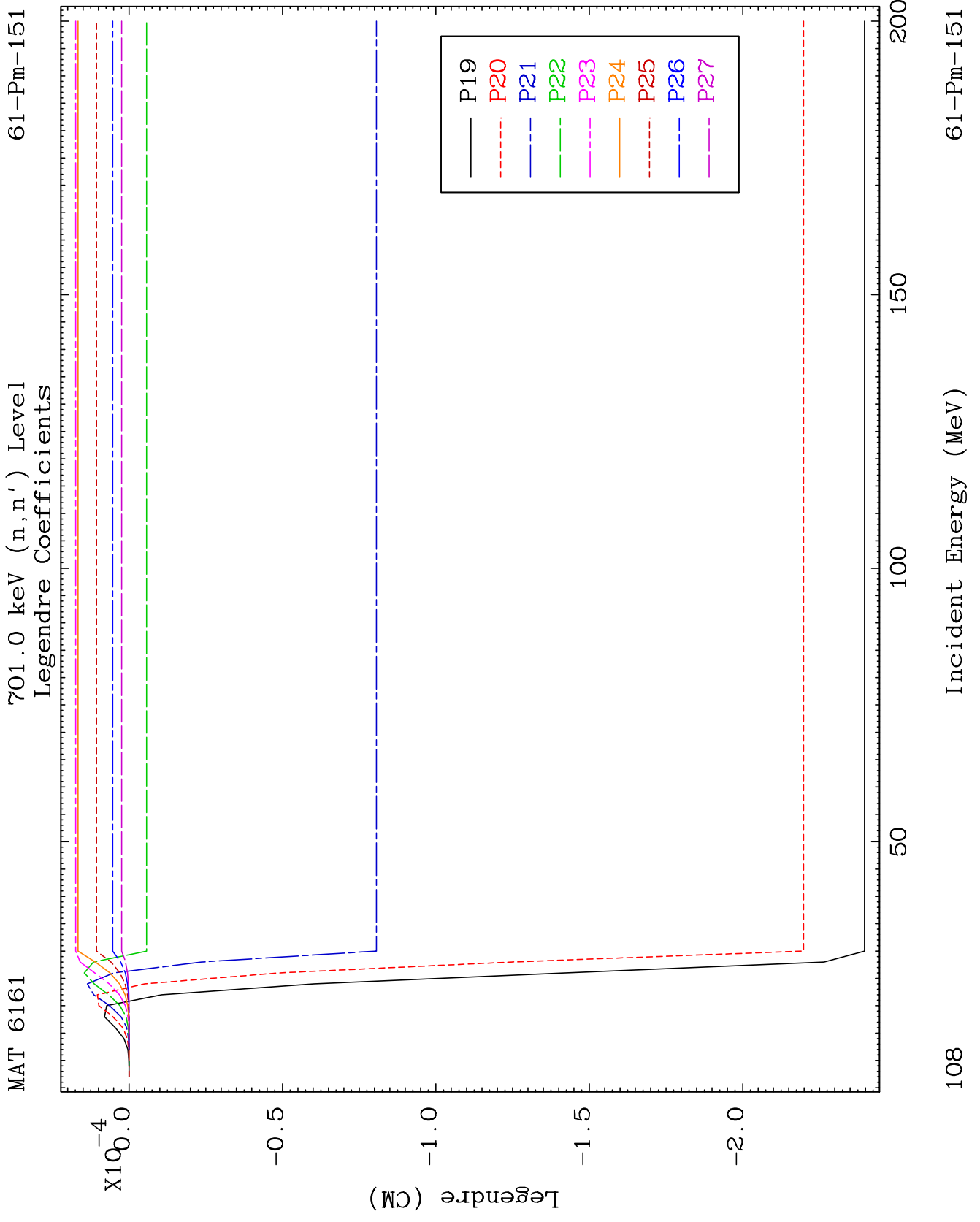
MAT 6161

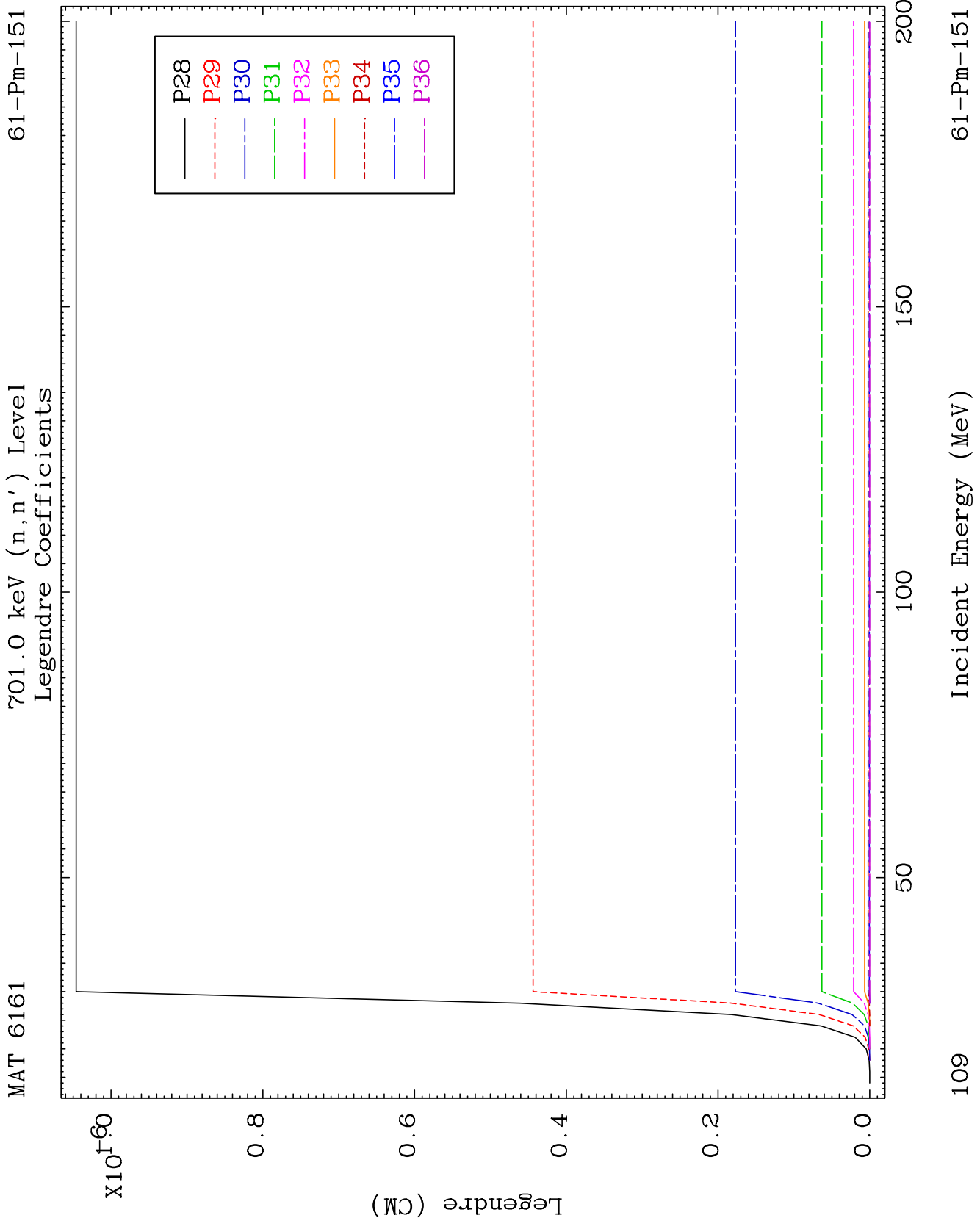
701.0 keV (n,n') Level
Legendre Coefficients

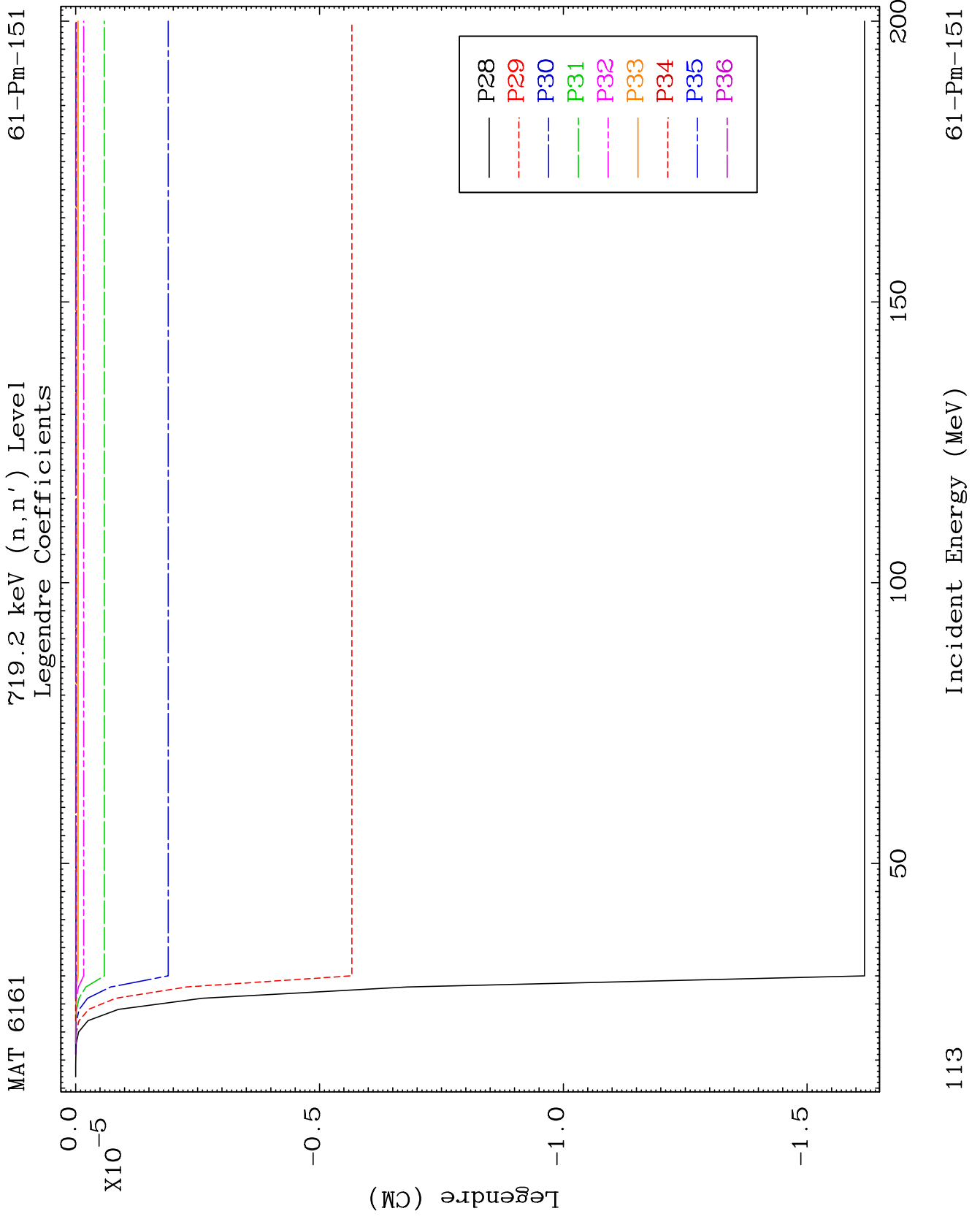
61-Pm-151

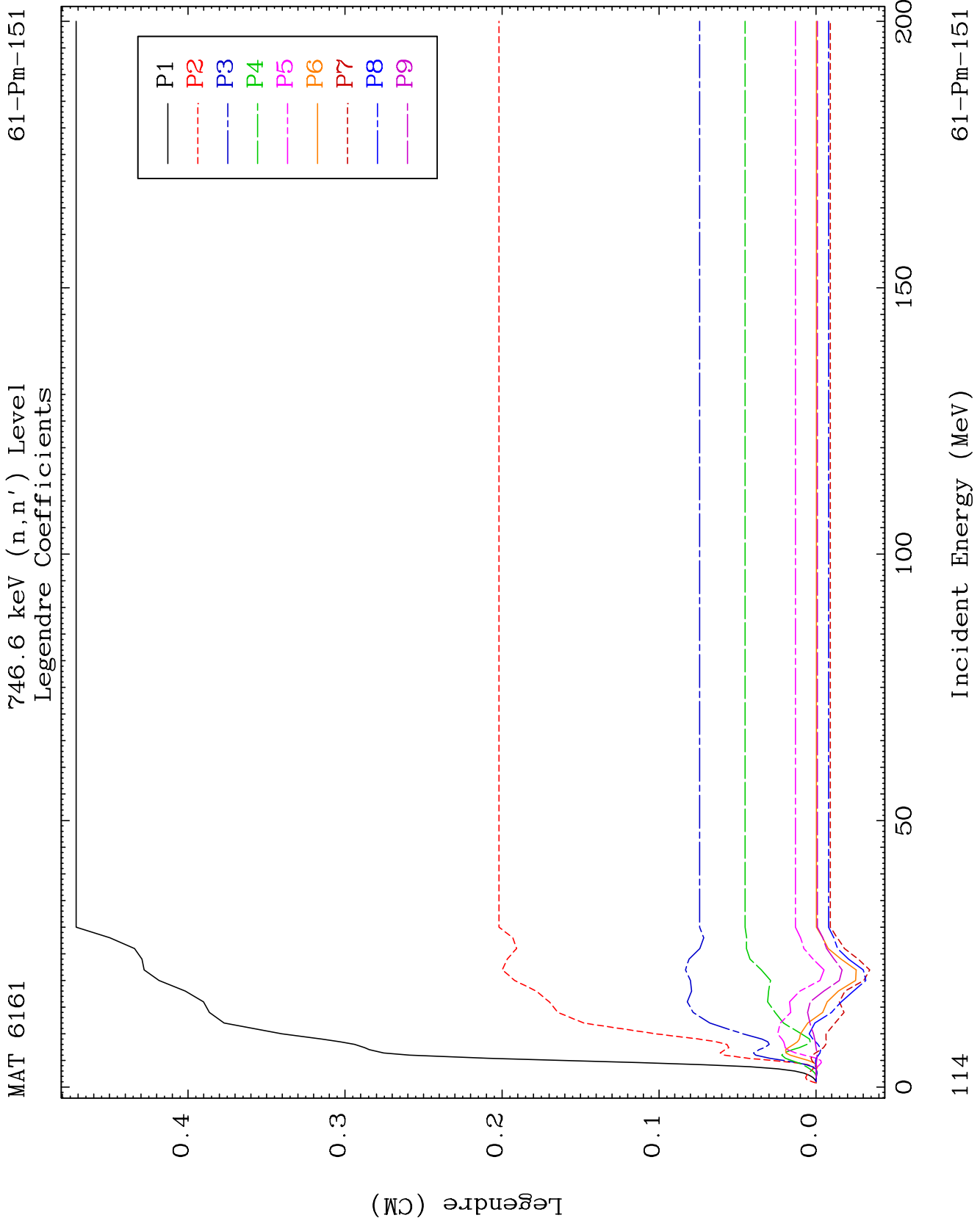


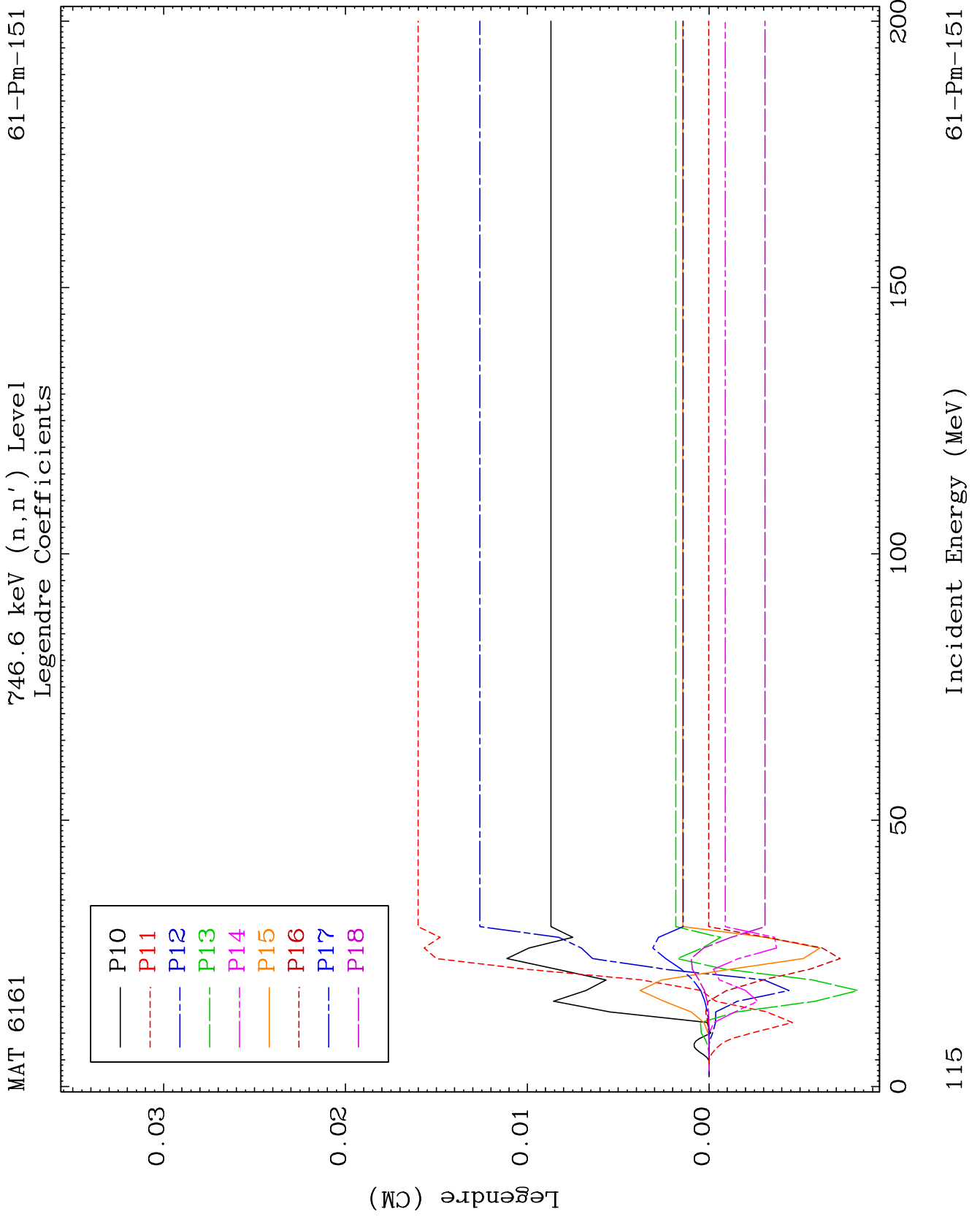
107

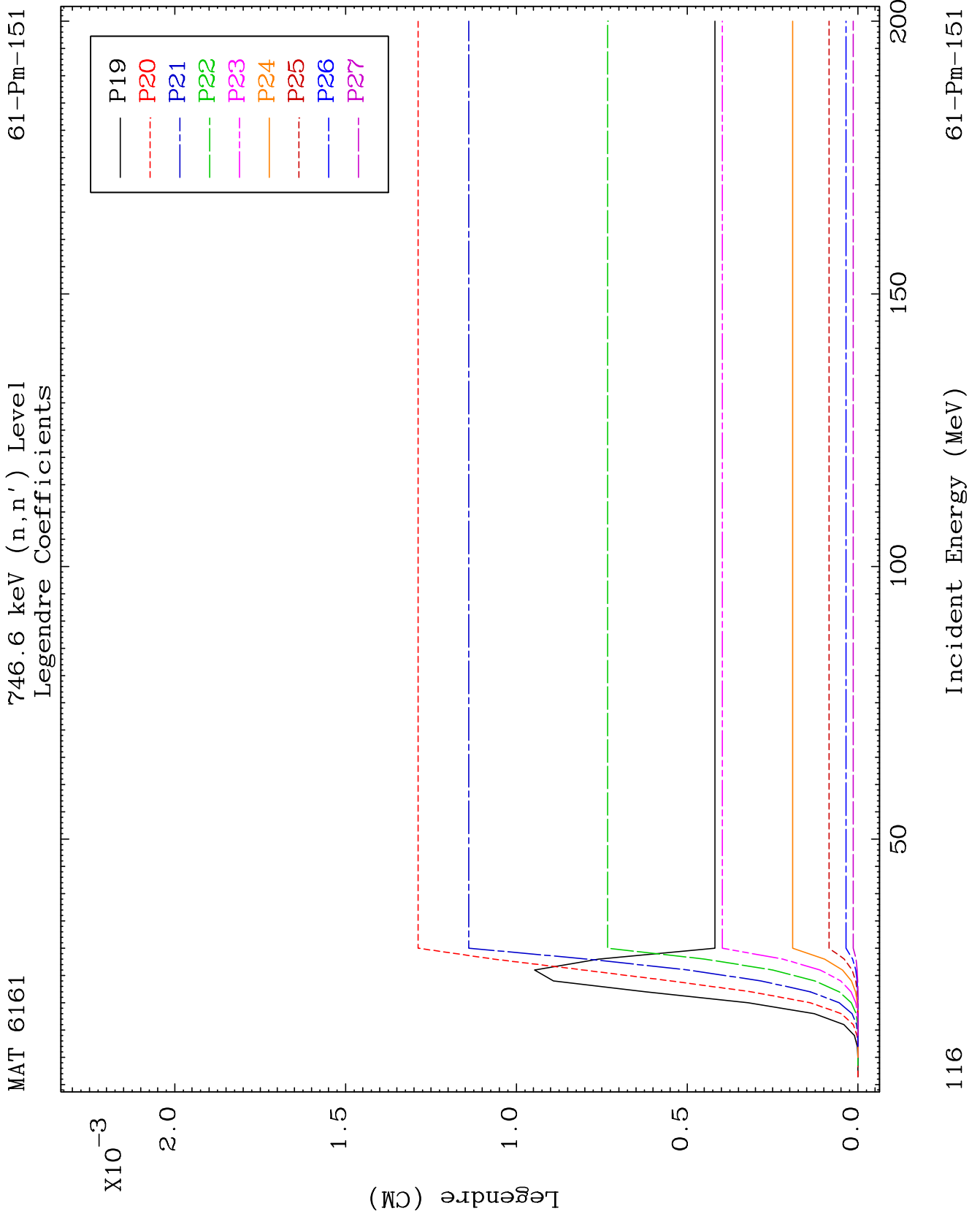








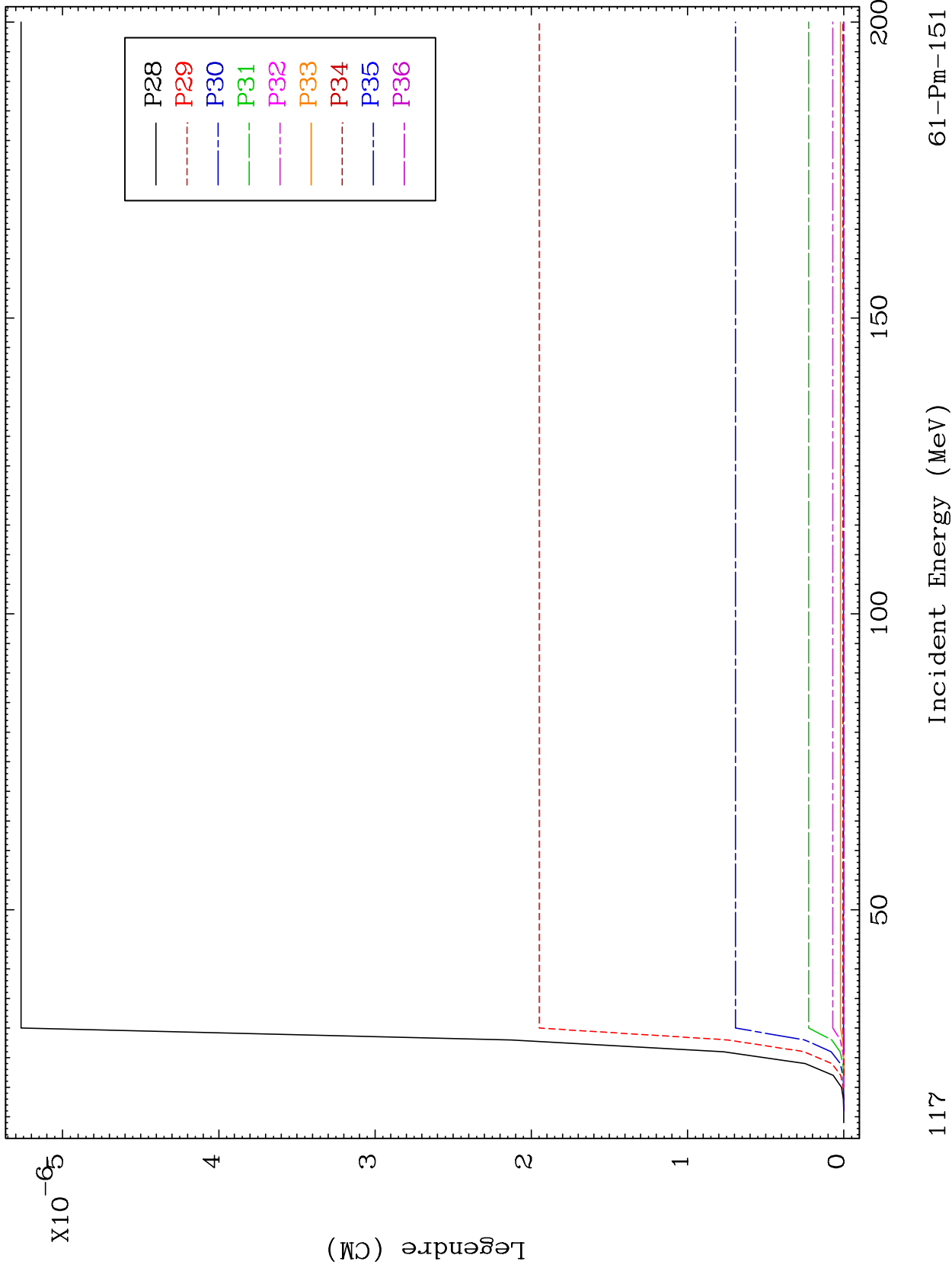




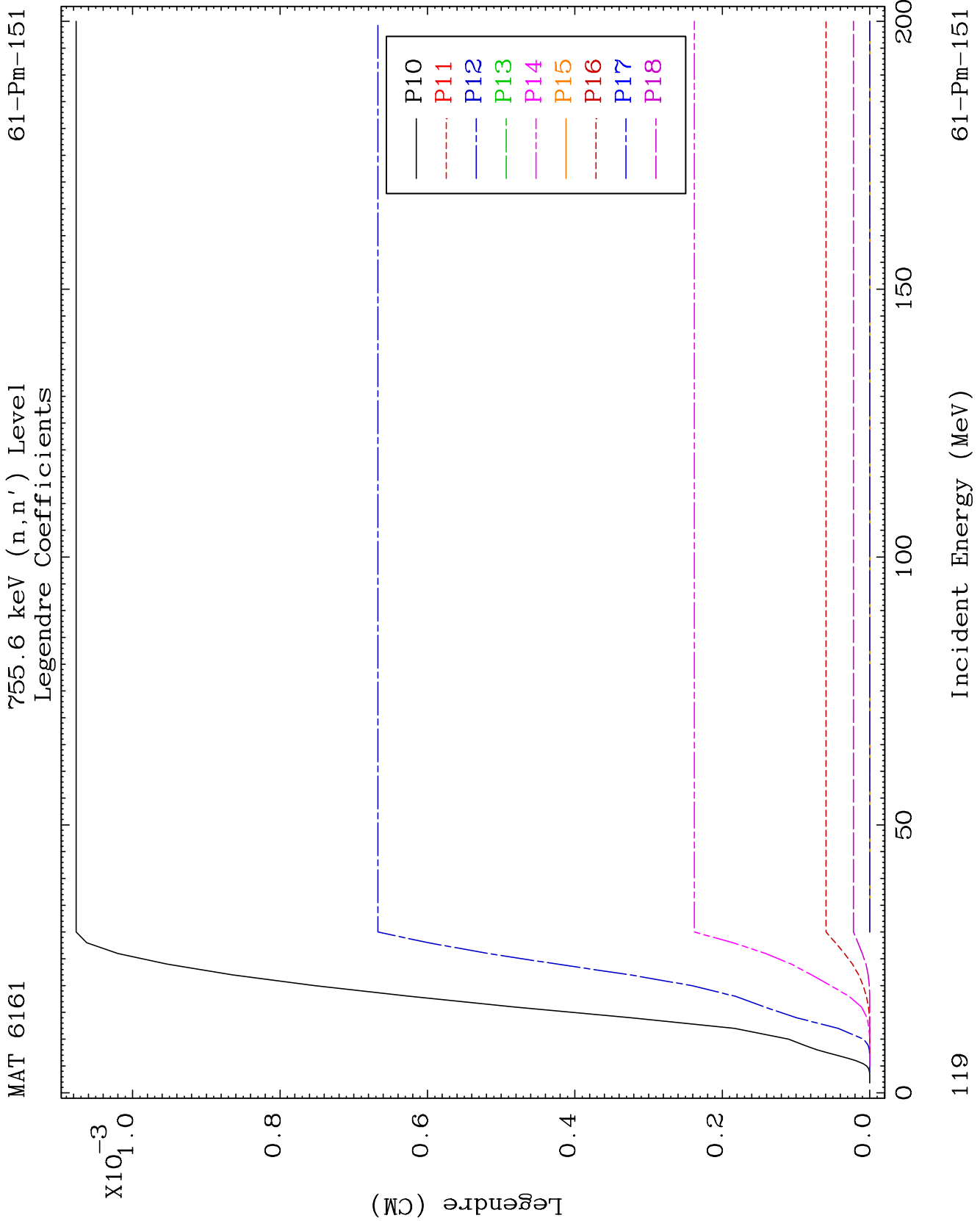
MAT 6161

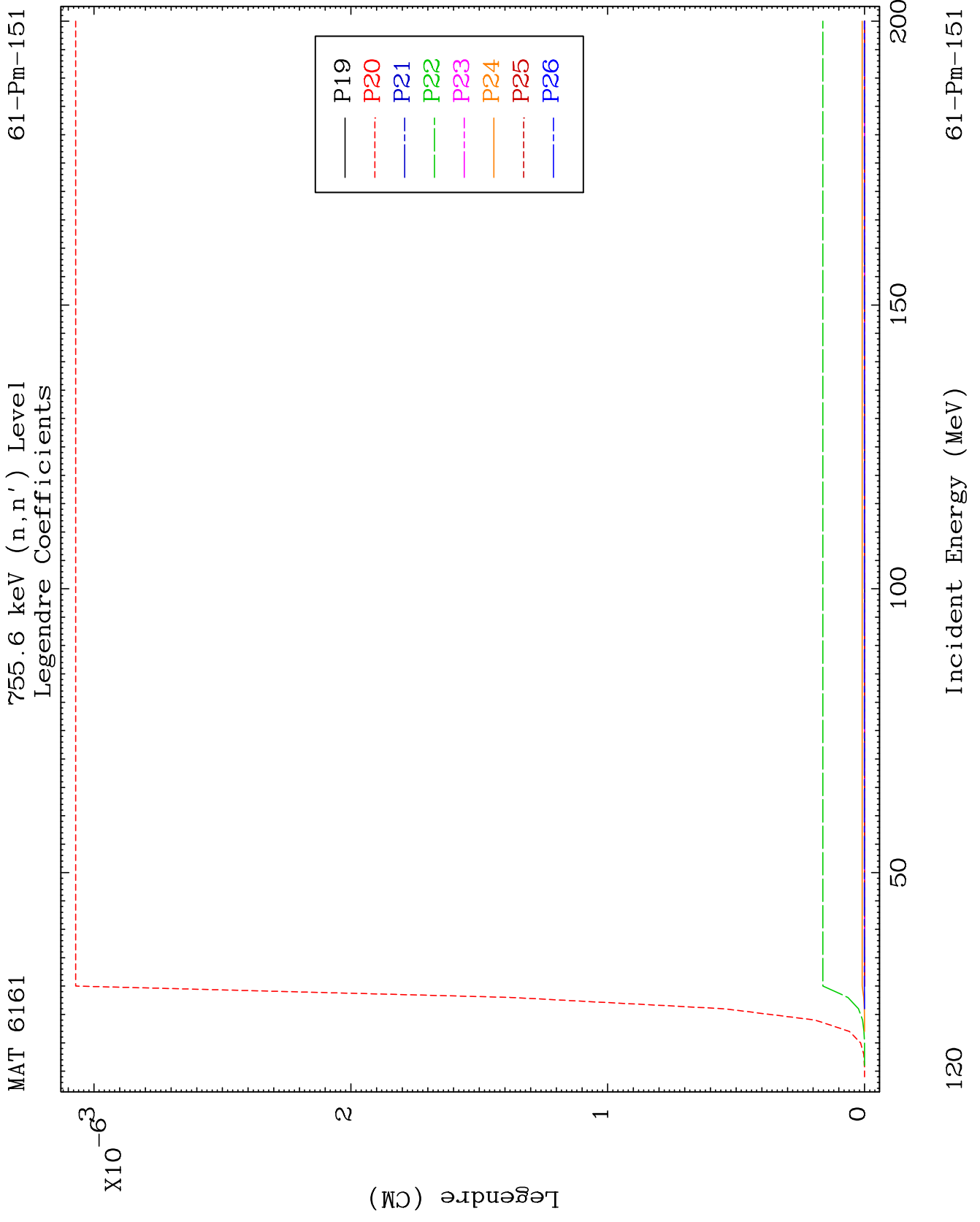
746.6 keV (n, n') Level
Legendre Coefficients

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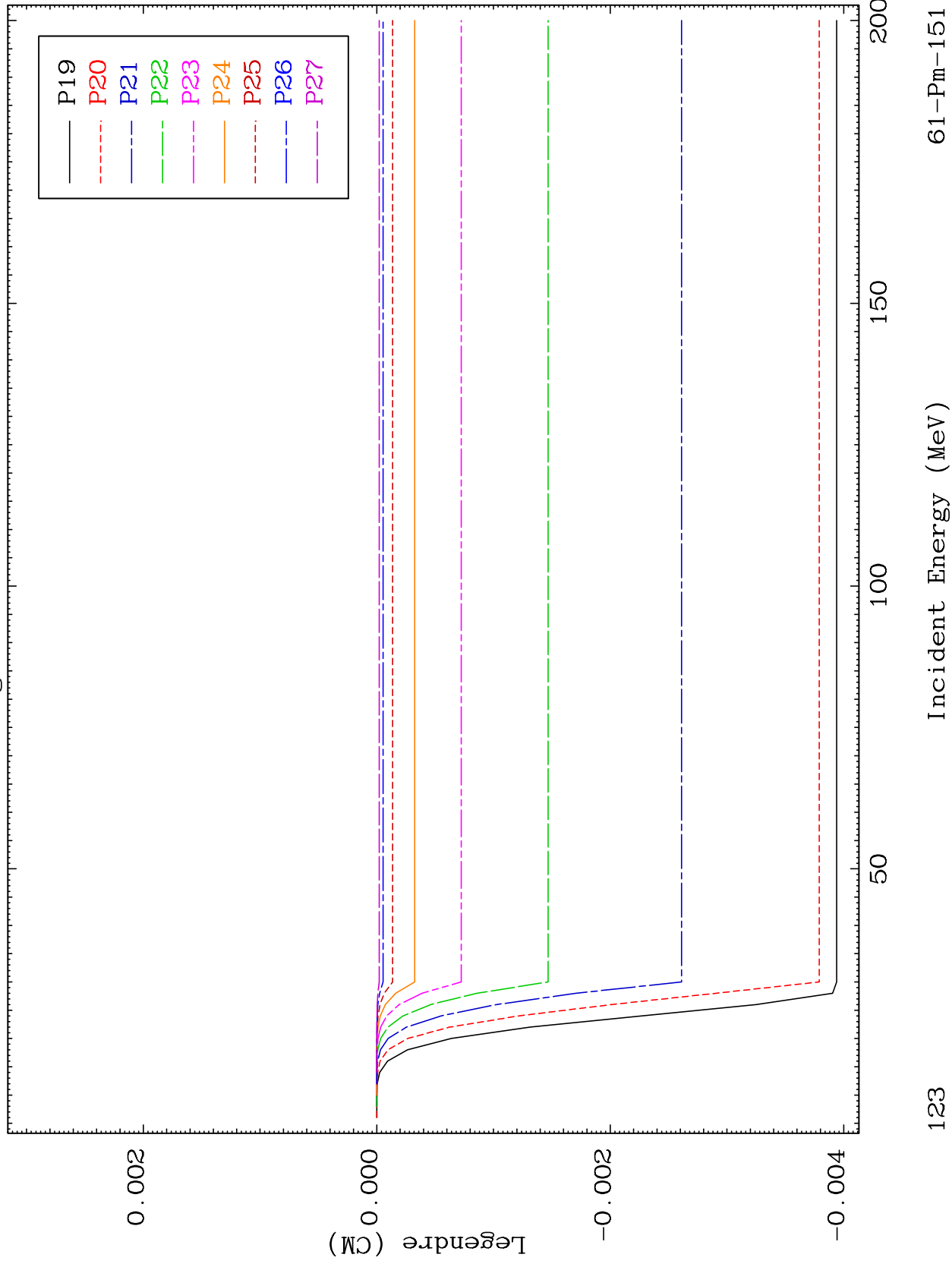




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773.6 keV (n,n') Level
Legendre Coefficients

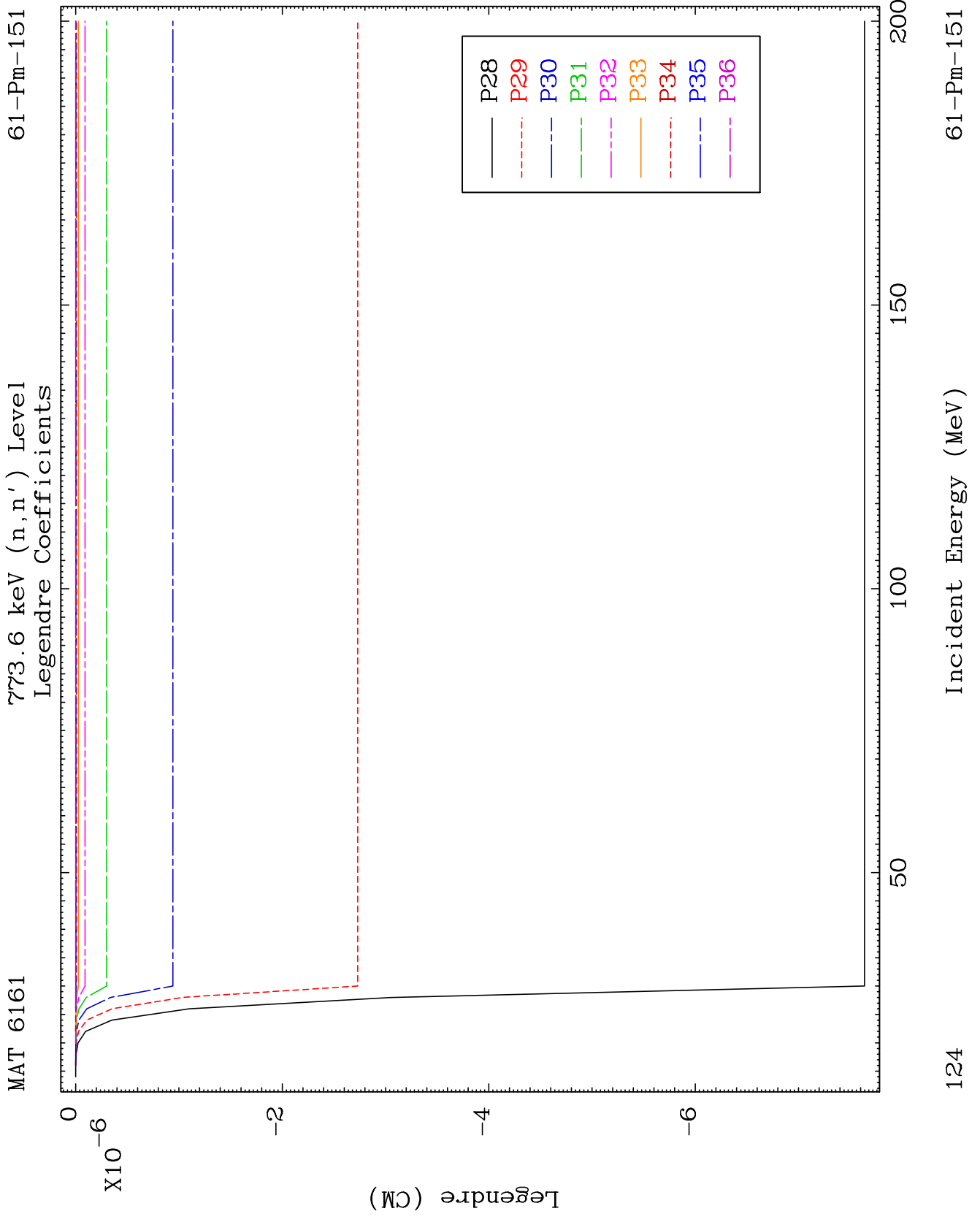
61-Pm-151



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Incident Energy (MeV)

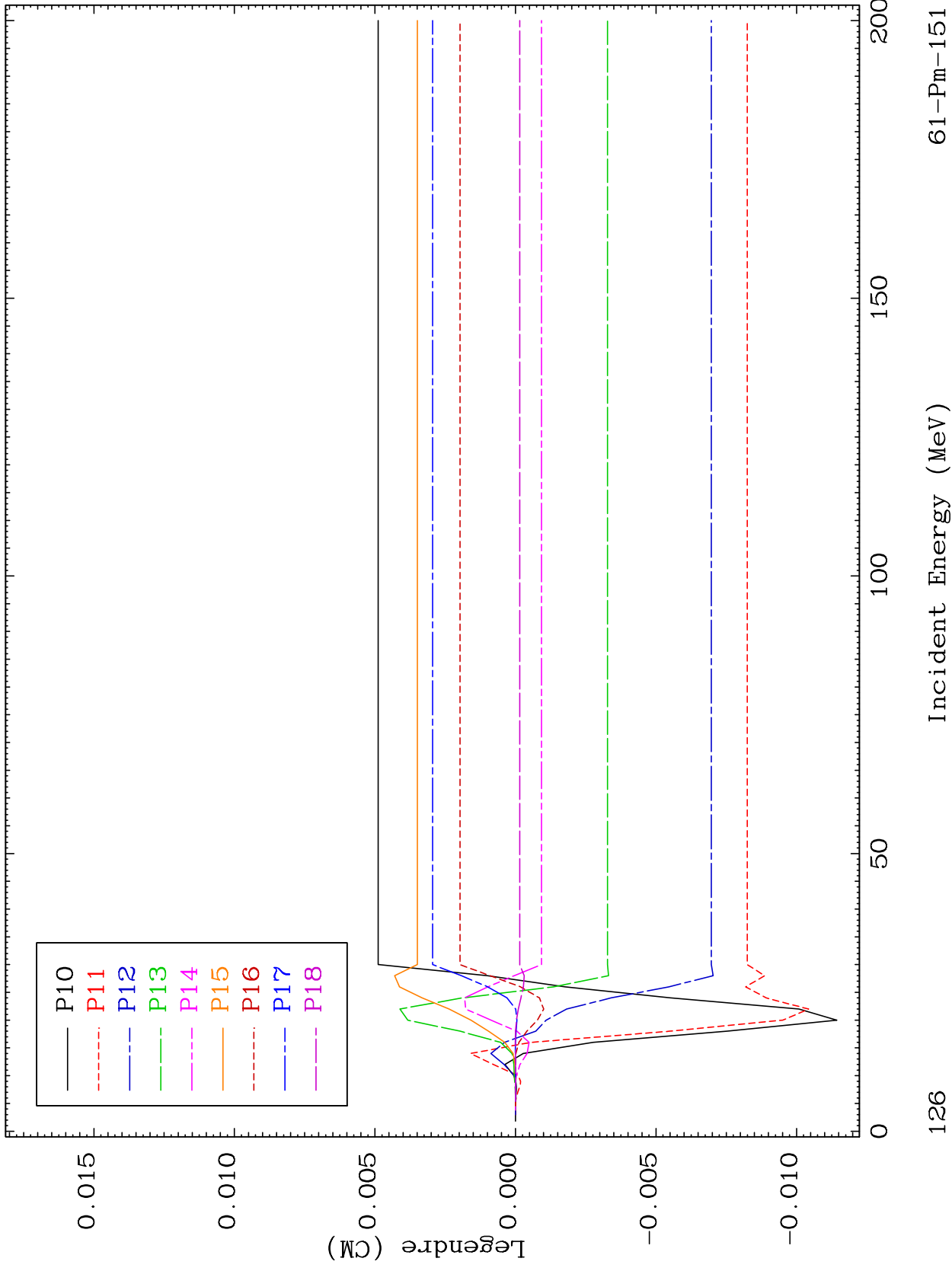
61-Pm-151



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781.0 keV (n,n') Level
Legendre Coefficients

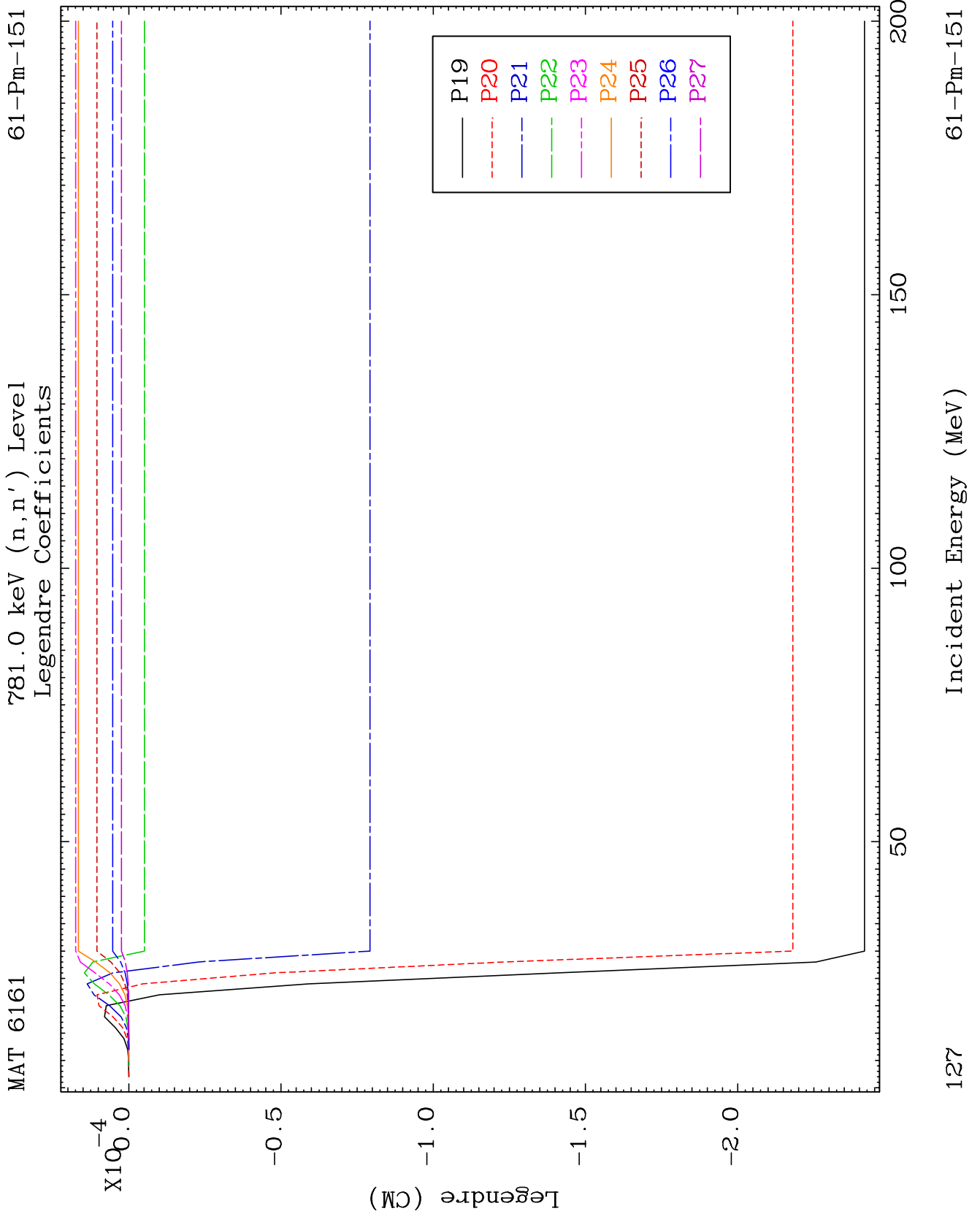
61-Pm-151

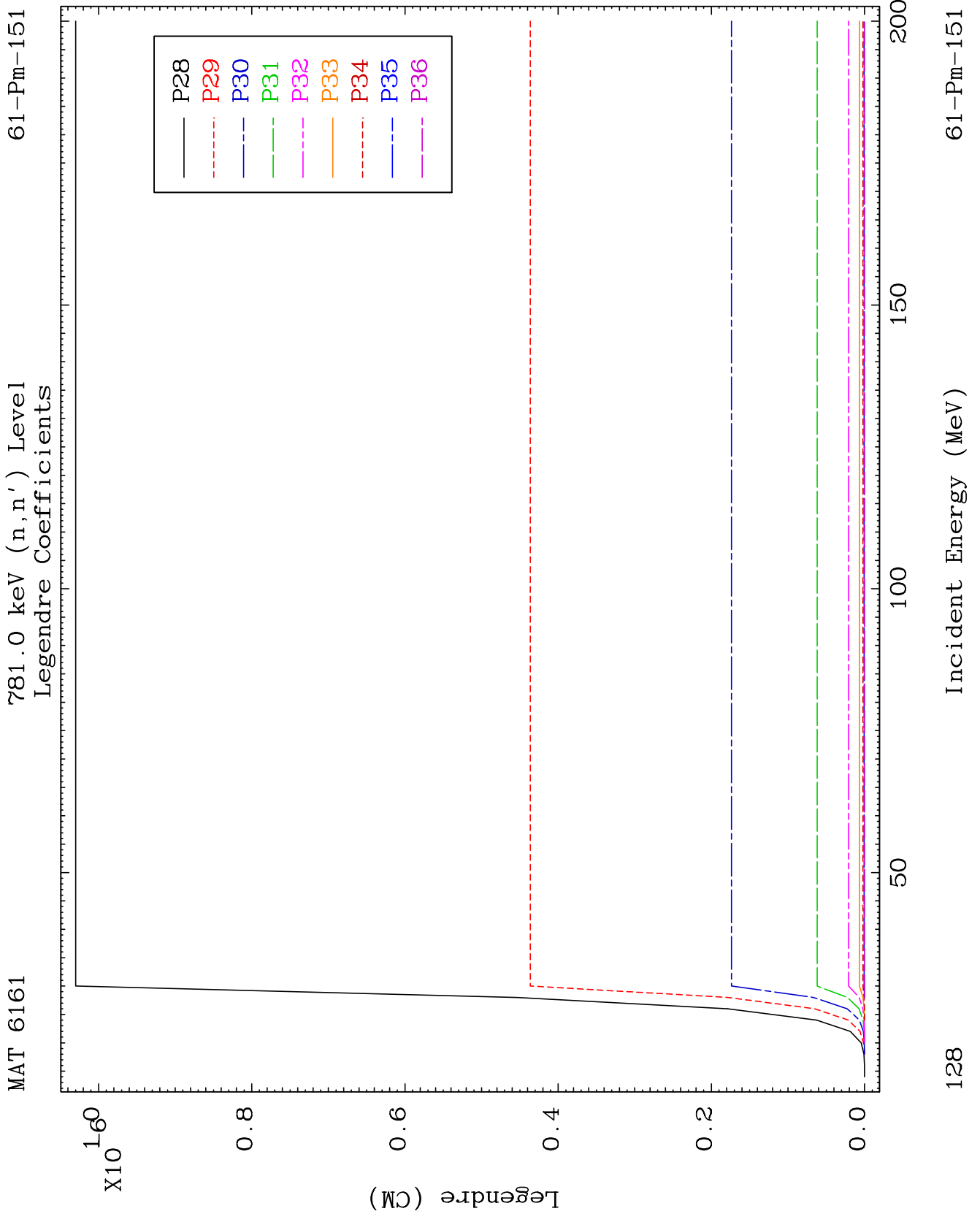


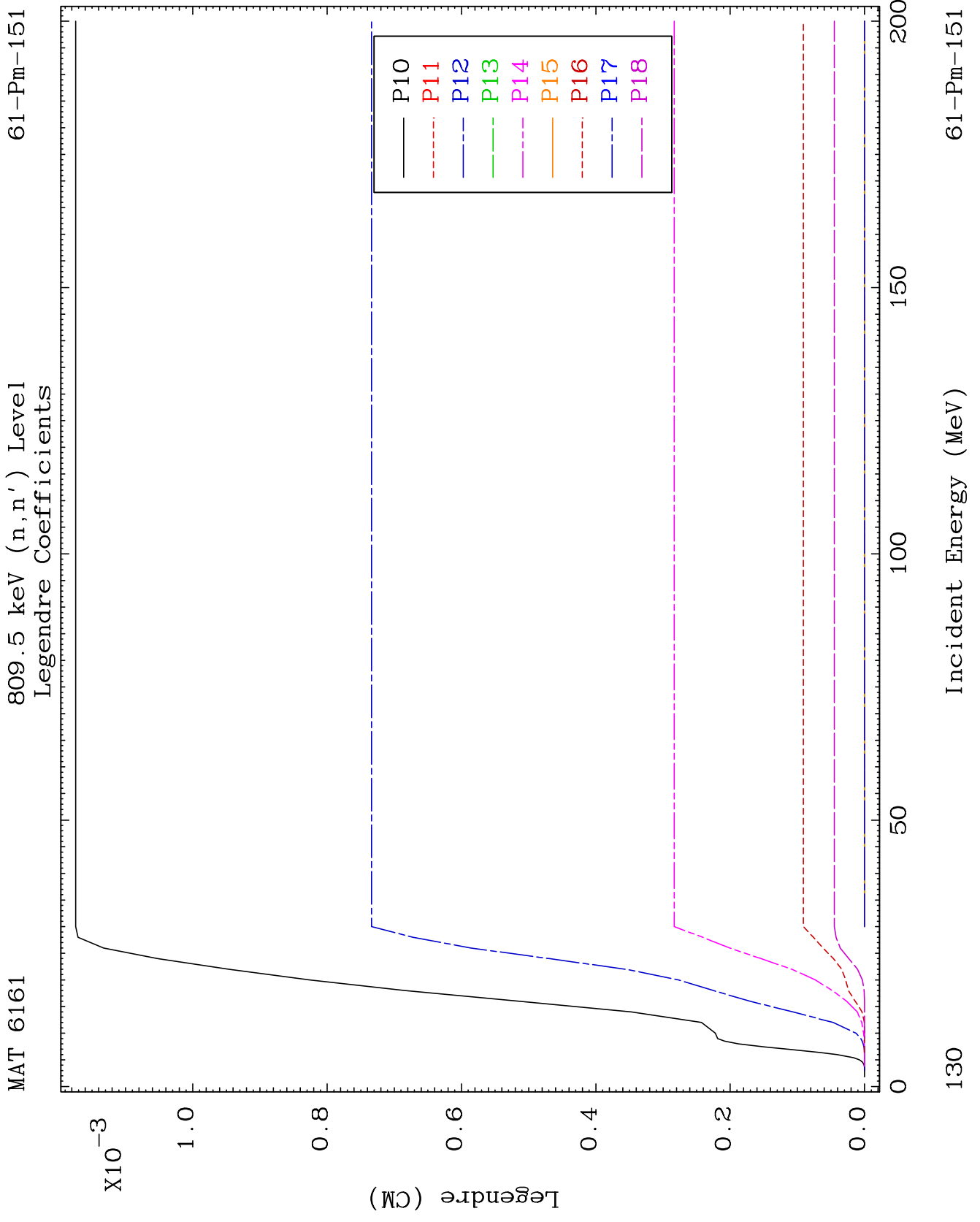
61-Pm-151

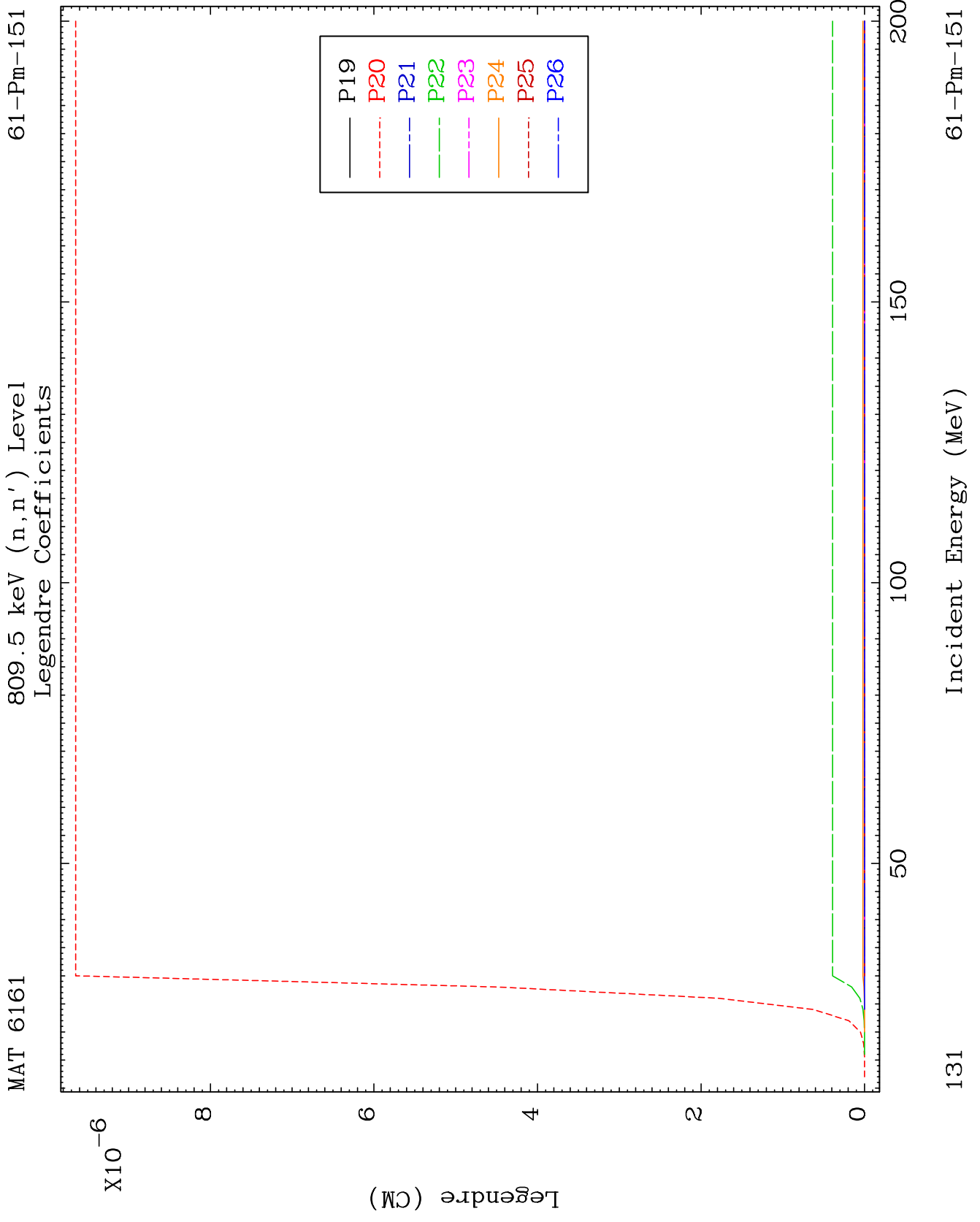
Incident Energy (MeV)

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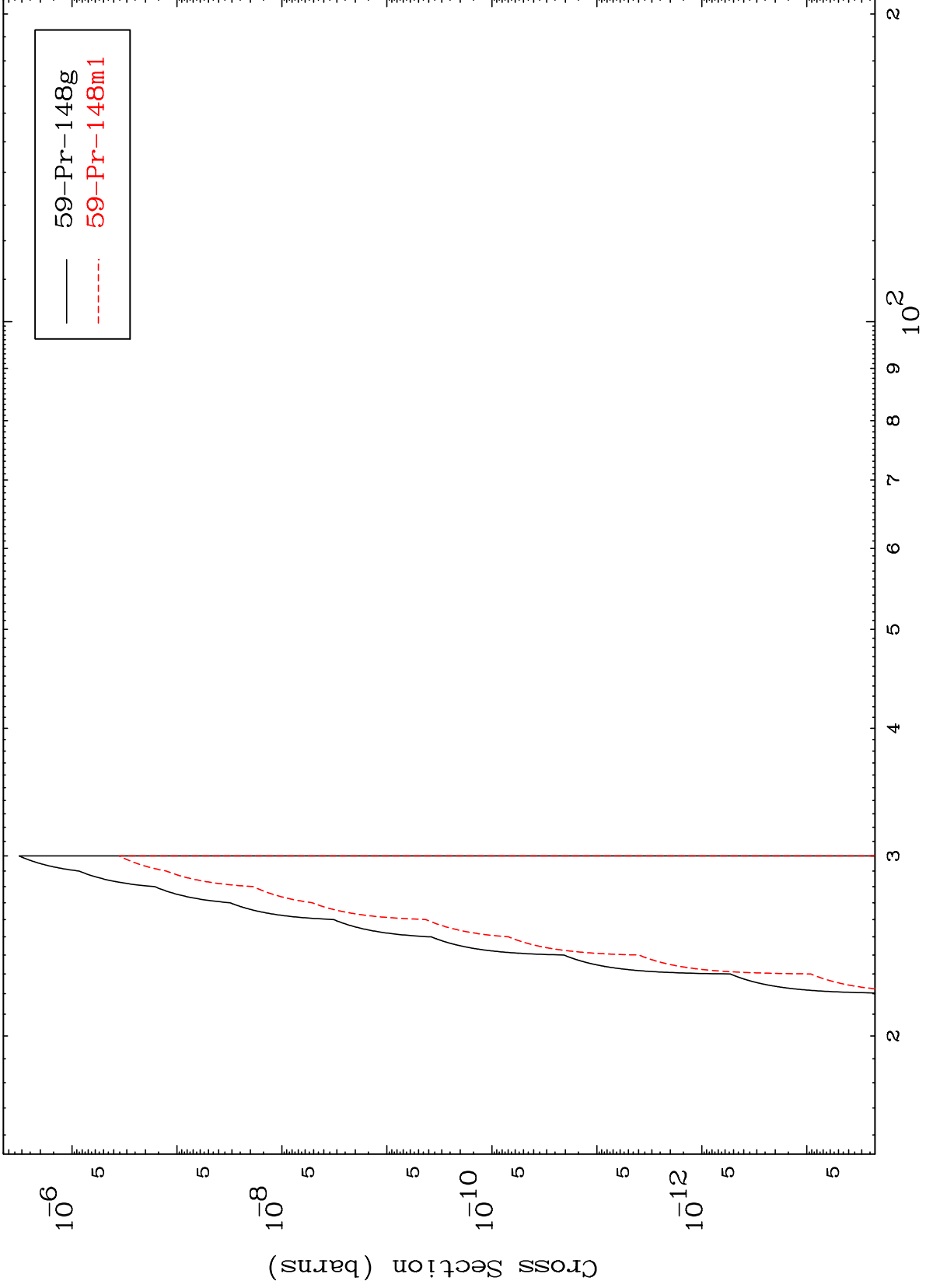








Radionuclide Production Cross Section

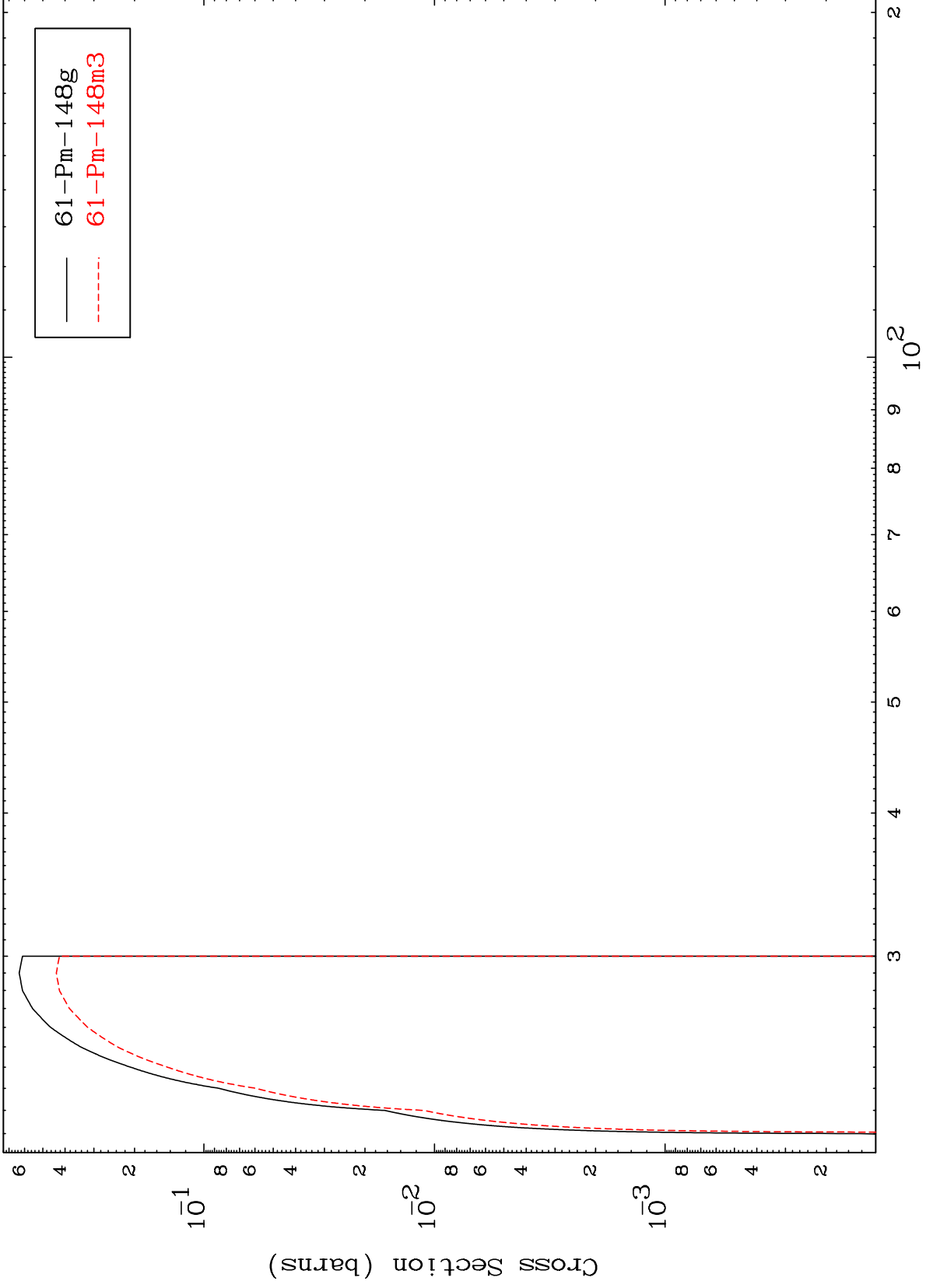


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(n,4n)

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Radionuclide Production Cross Section

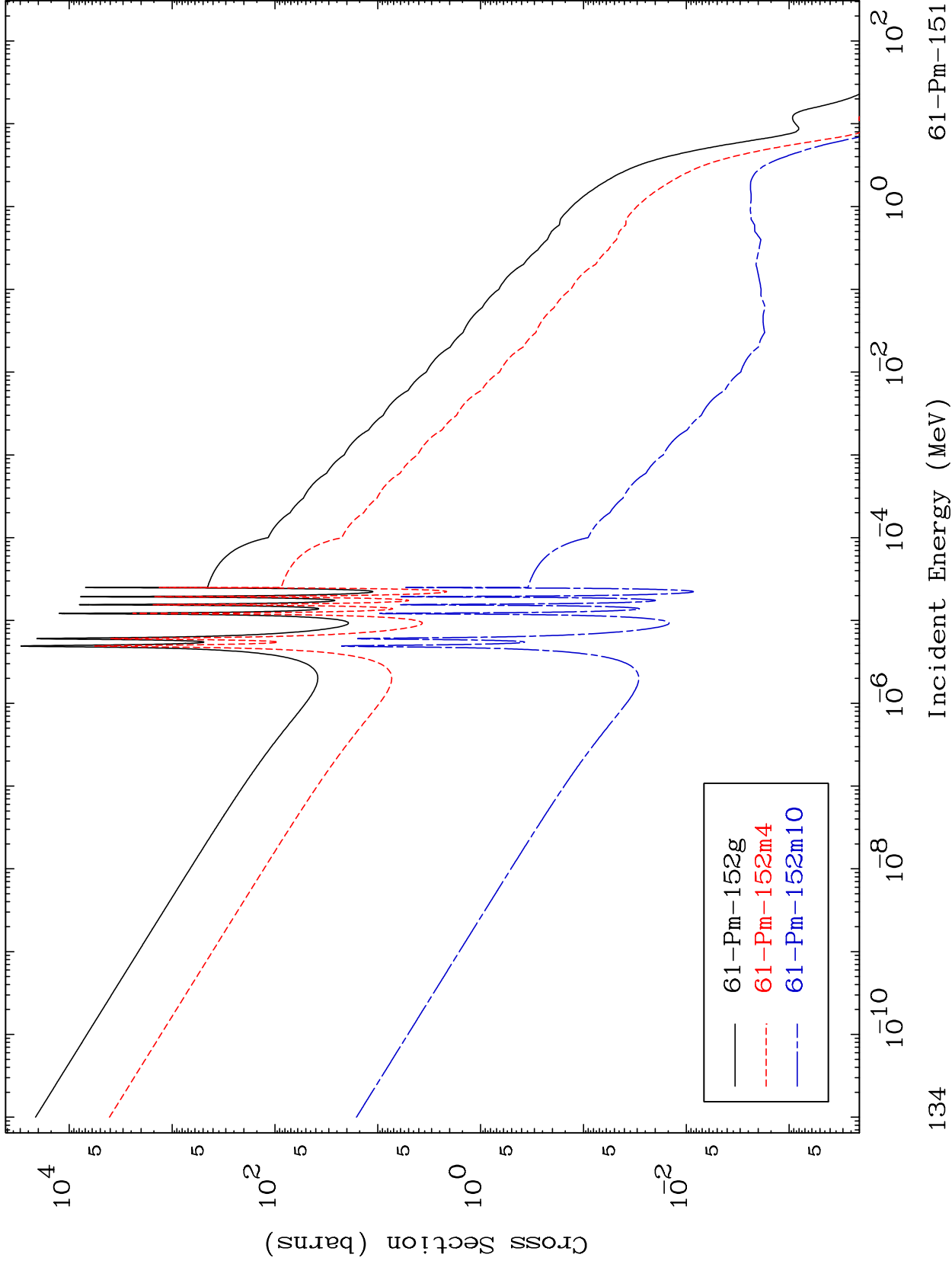


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Incident Energy (MeV)

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(n,γ)
Radionuclide Production Cross Section

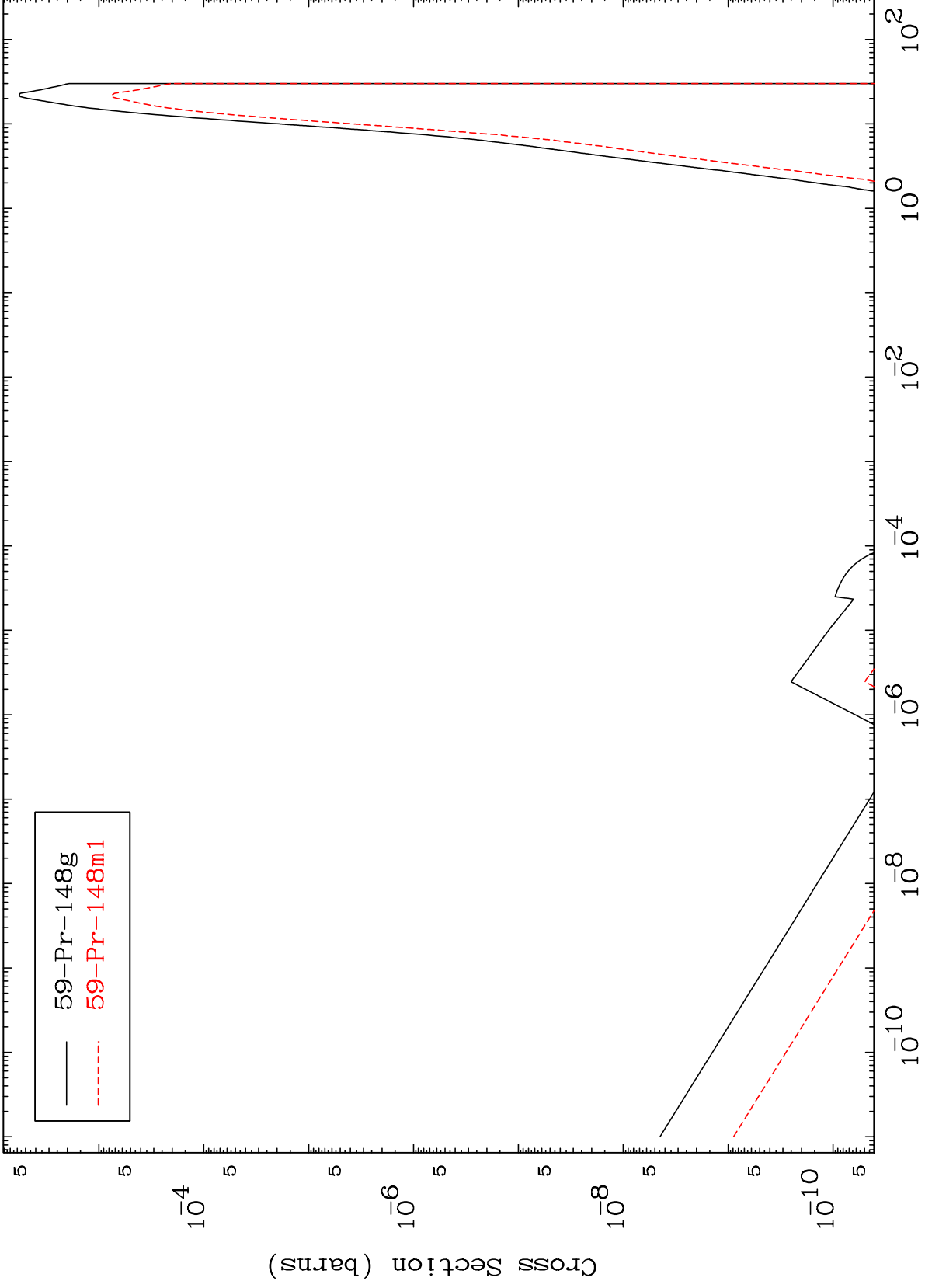


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(n, α)

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Radionuclide Production Cross Section



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Incident Energy (MeV)

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