

Program EVALPLOT
(Version 2021-1)

by

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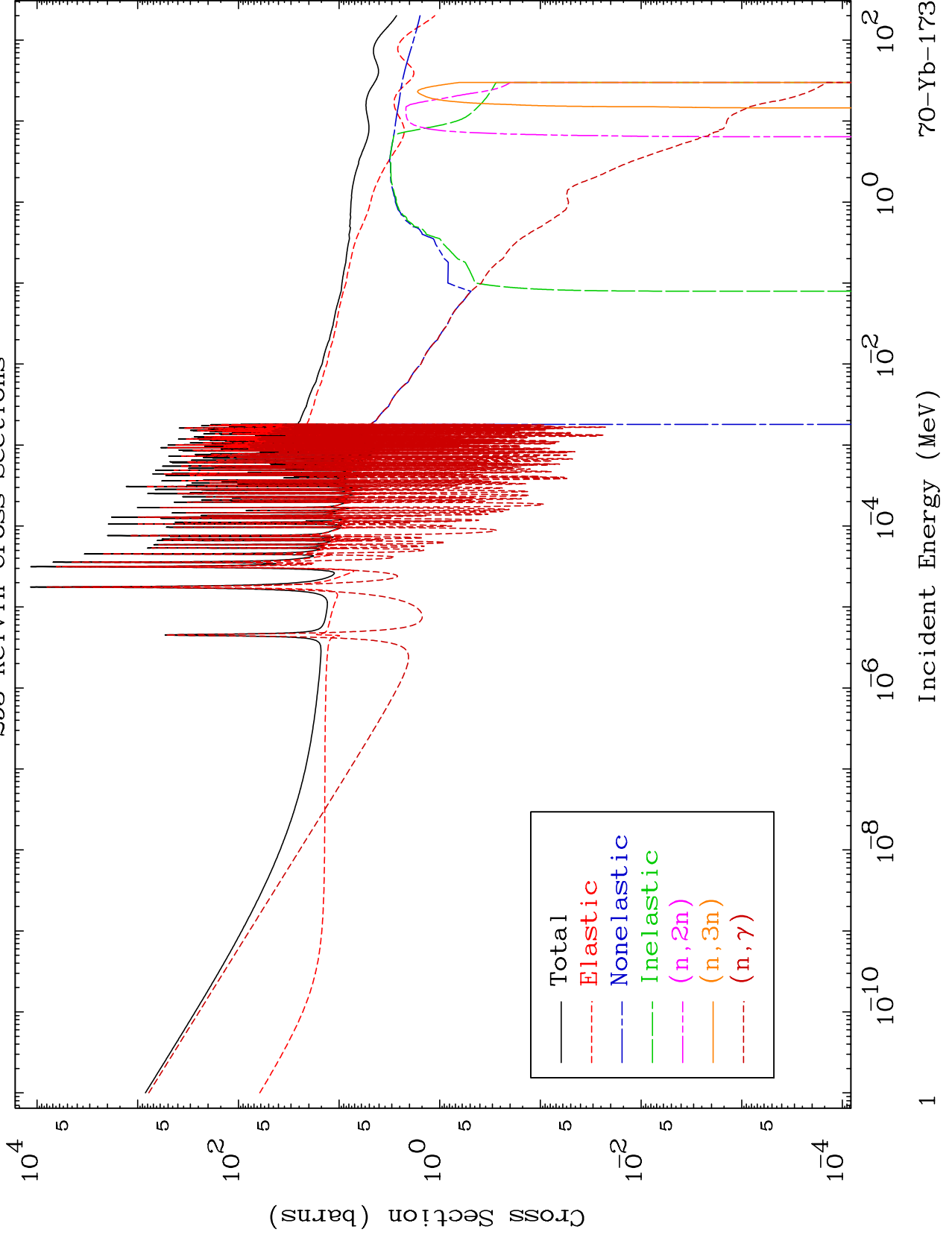
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7040

Neutron Major
293 Kelvin Cross Sections

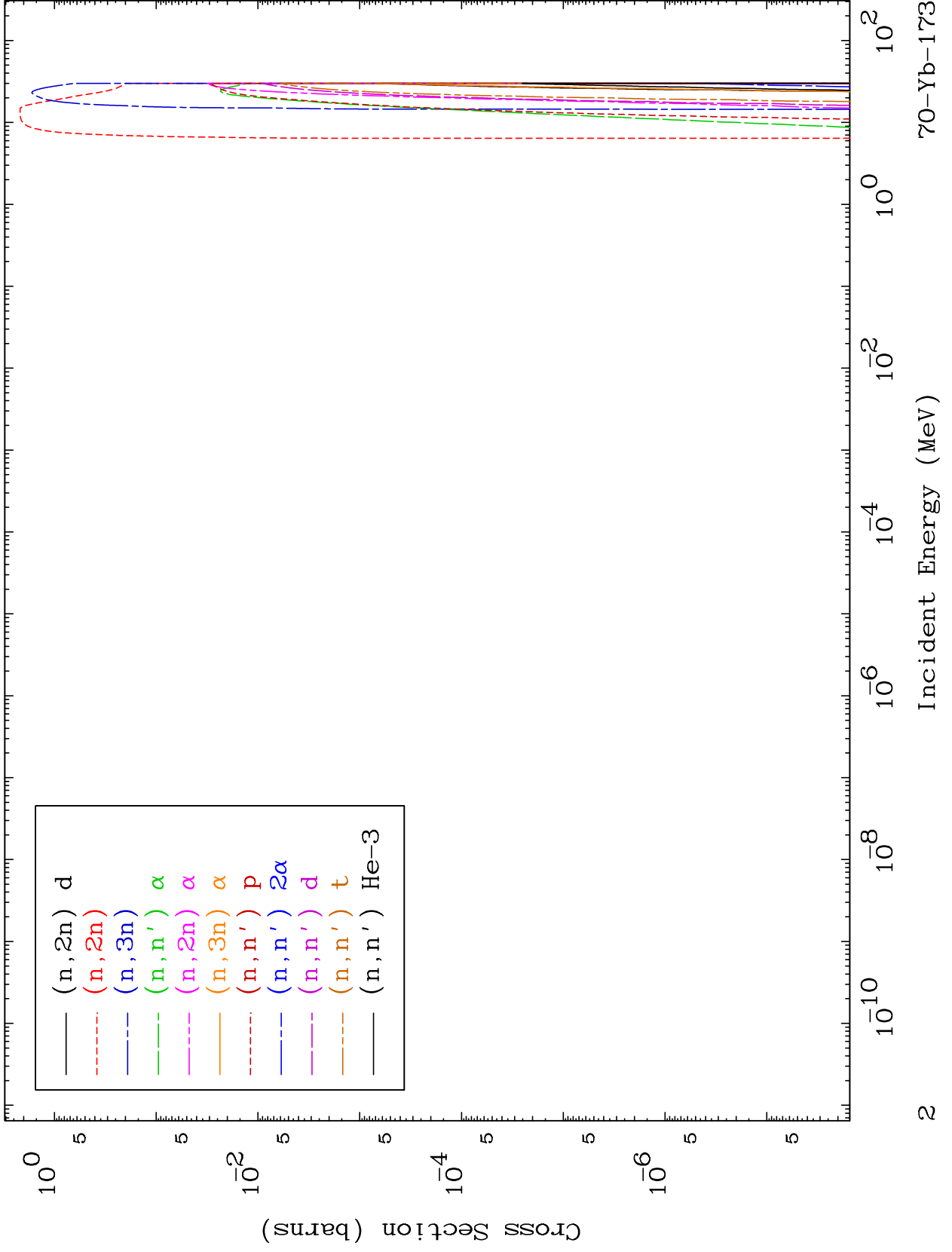
70-Yb-173

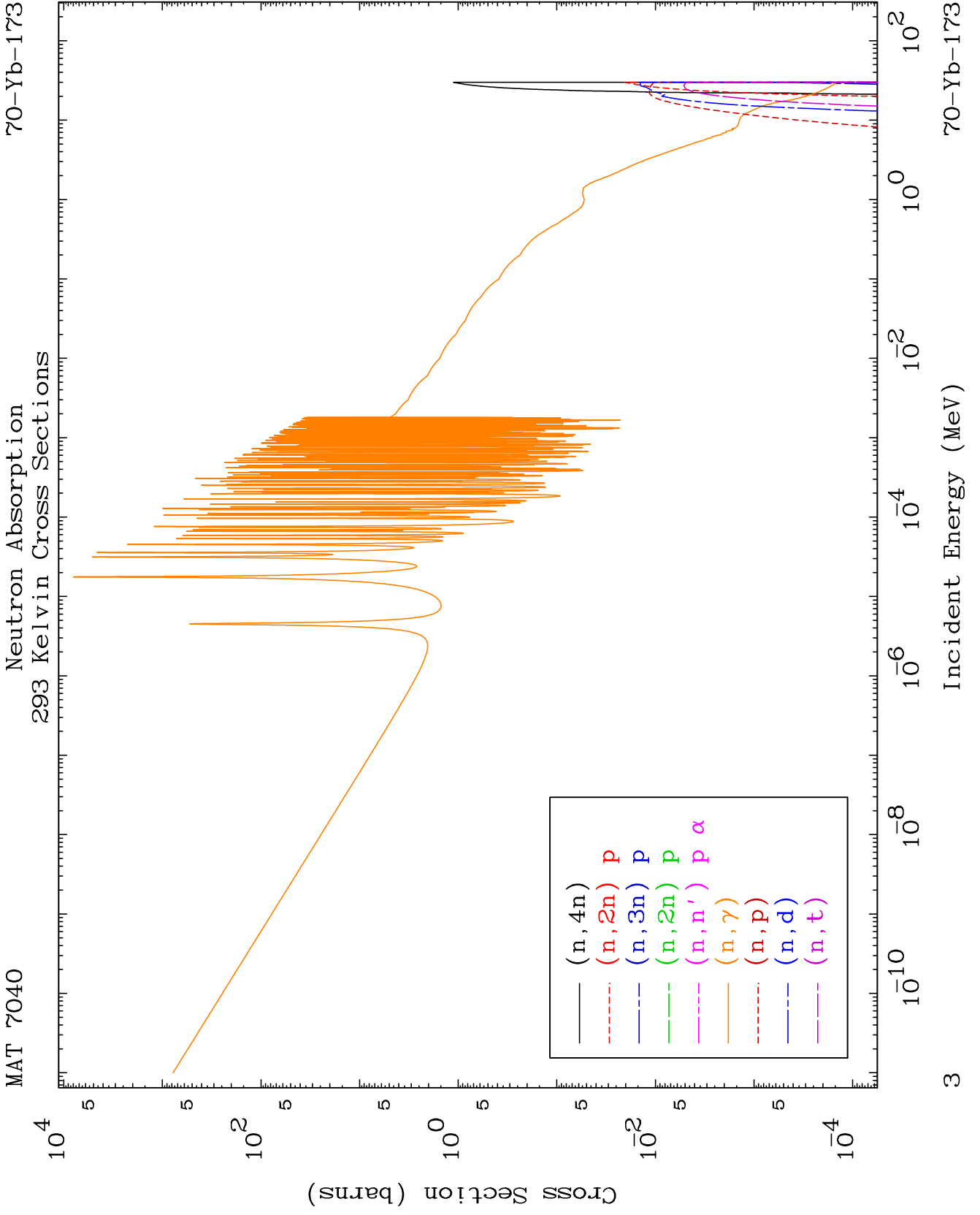


MAT 7040

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-173

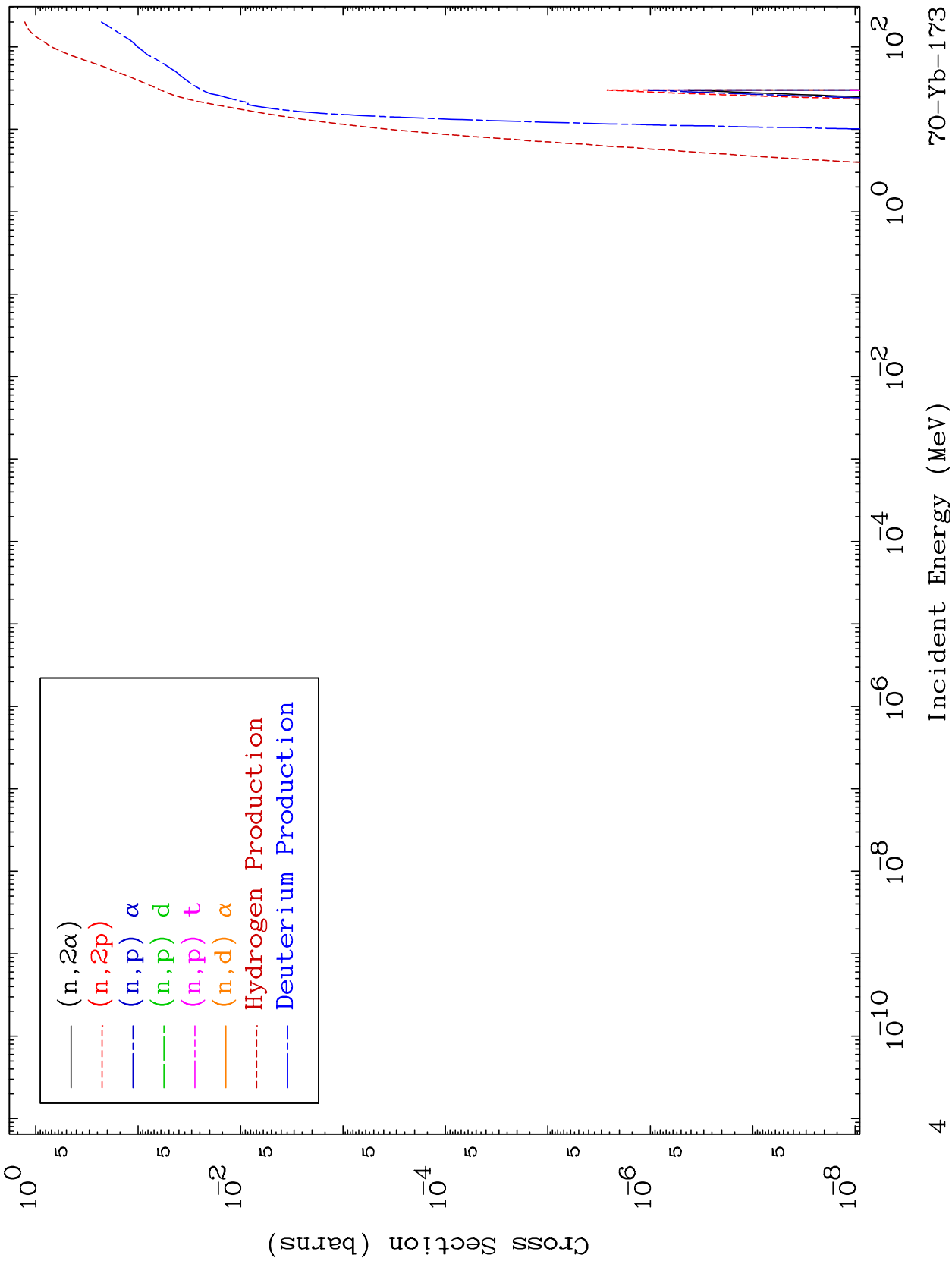




MAT 7040

Neutron Absorption
293 Kelvin Cross Sections

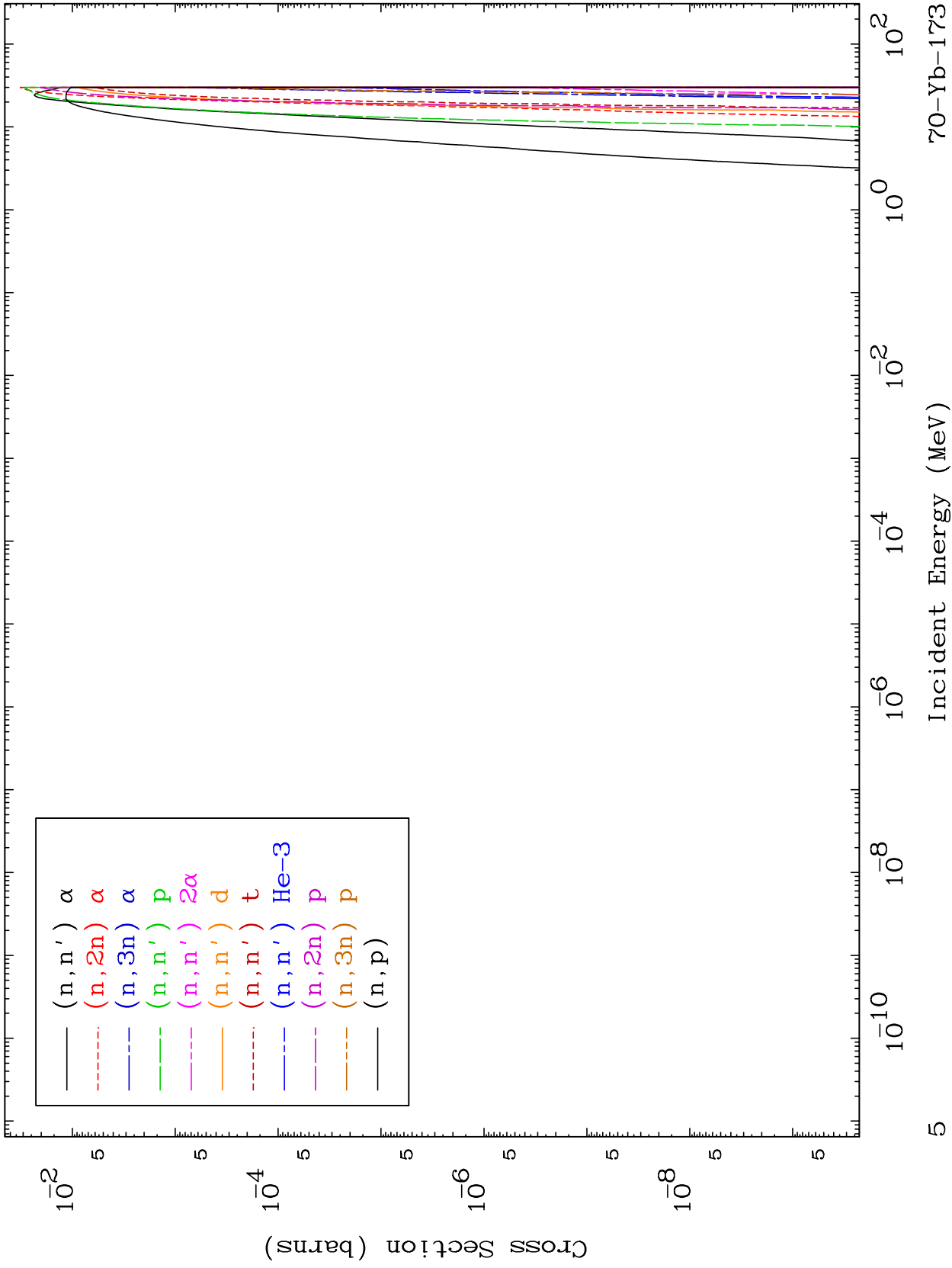
70-Yb-173



MAT 7040

Charged Particle
293 Kelvin Cross Sections

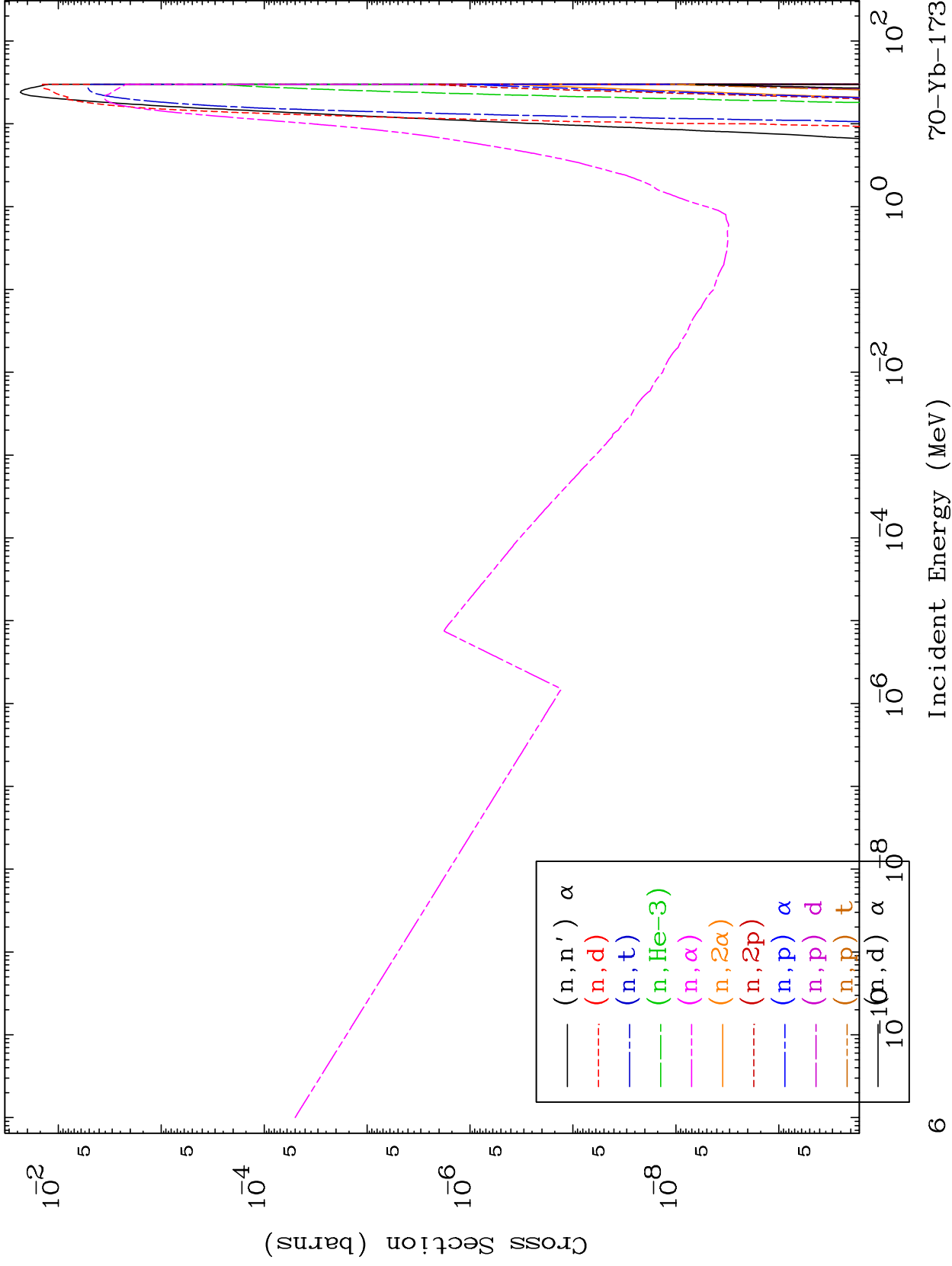
70-Yb-173



MAT 7040

Charged Particle
293 Kelvin Cross Sections

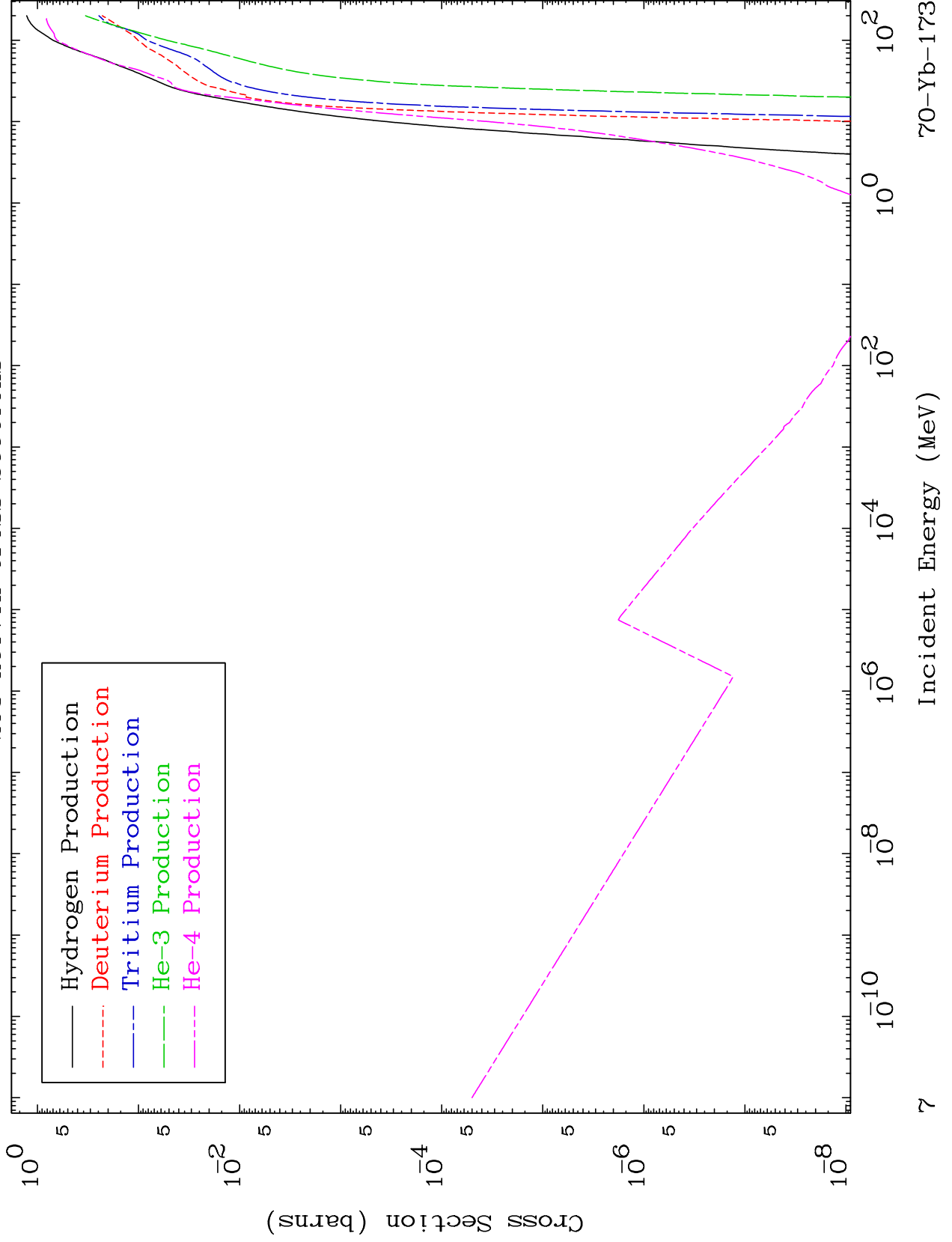
70-Yb-173



MAT 7040

Particle Production
293 Kelvin Cross Sections

70-Yb-173

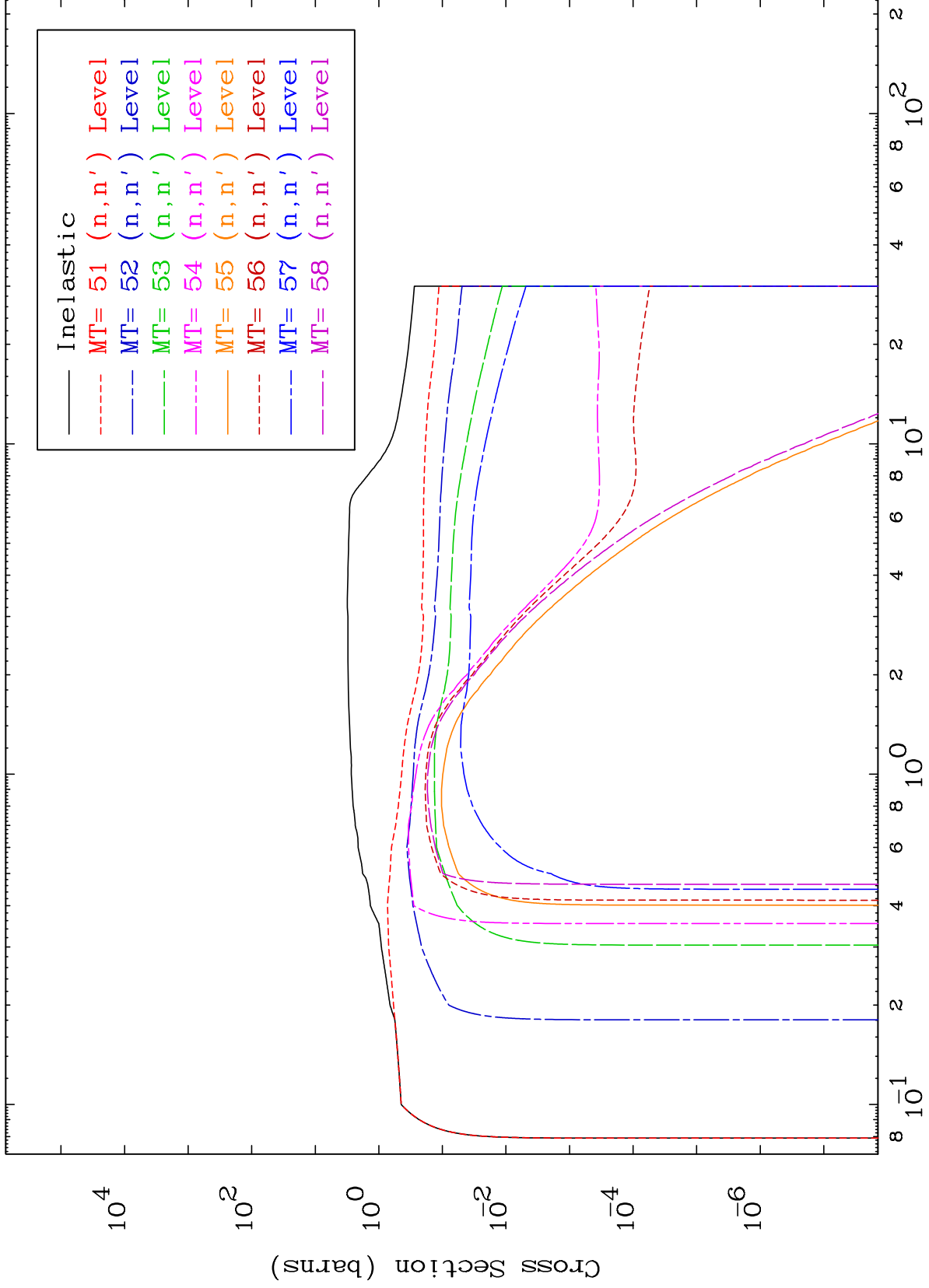


MAT 7040

(n,n') Levels

70-Yb-173

293 Kelvin Cross Sections



8

Incident Energy (MeV)

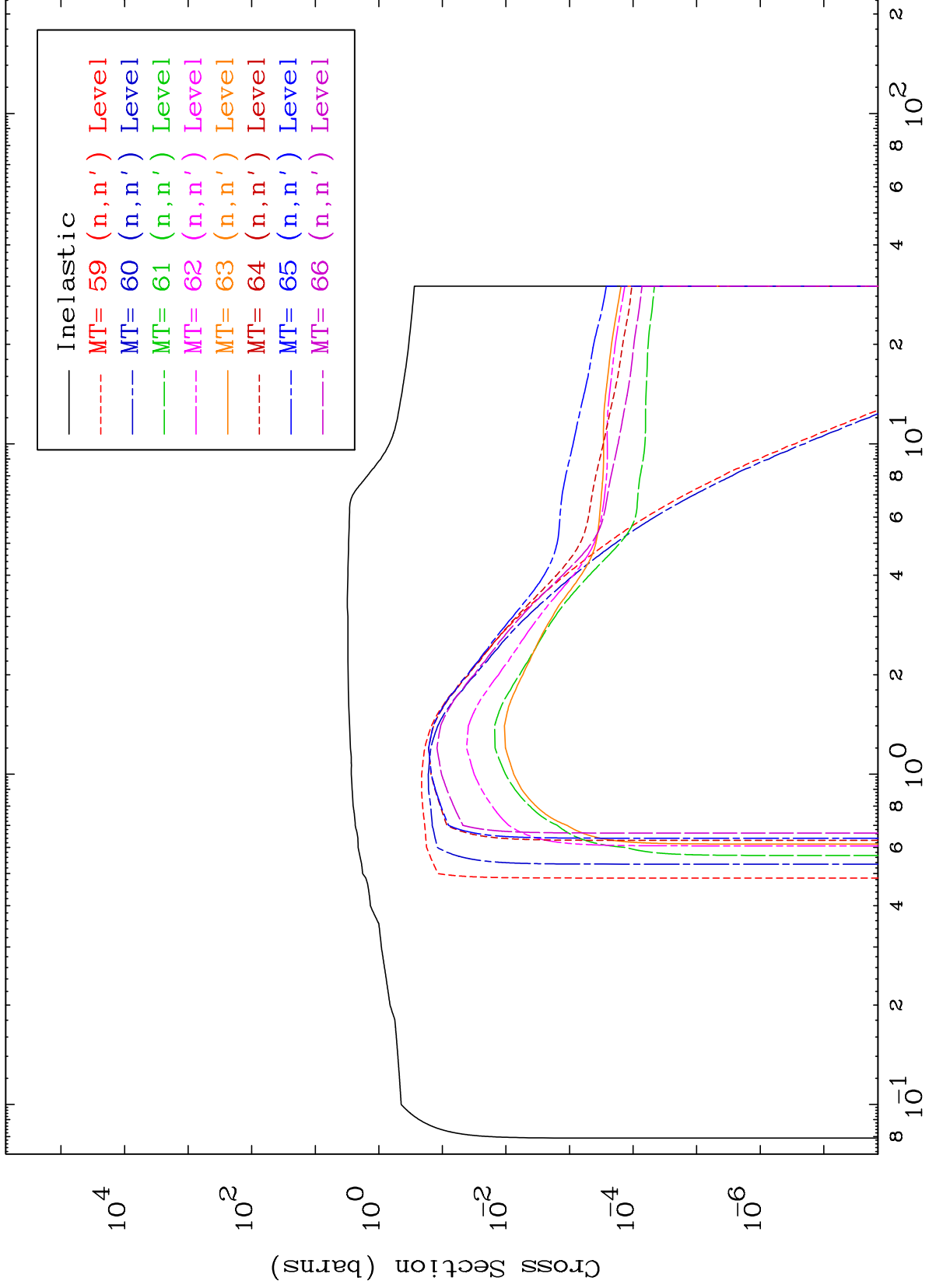
70-Yb-173

MAT 7040

(n,n') Levels

70-Yb-173

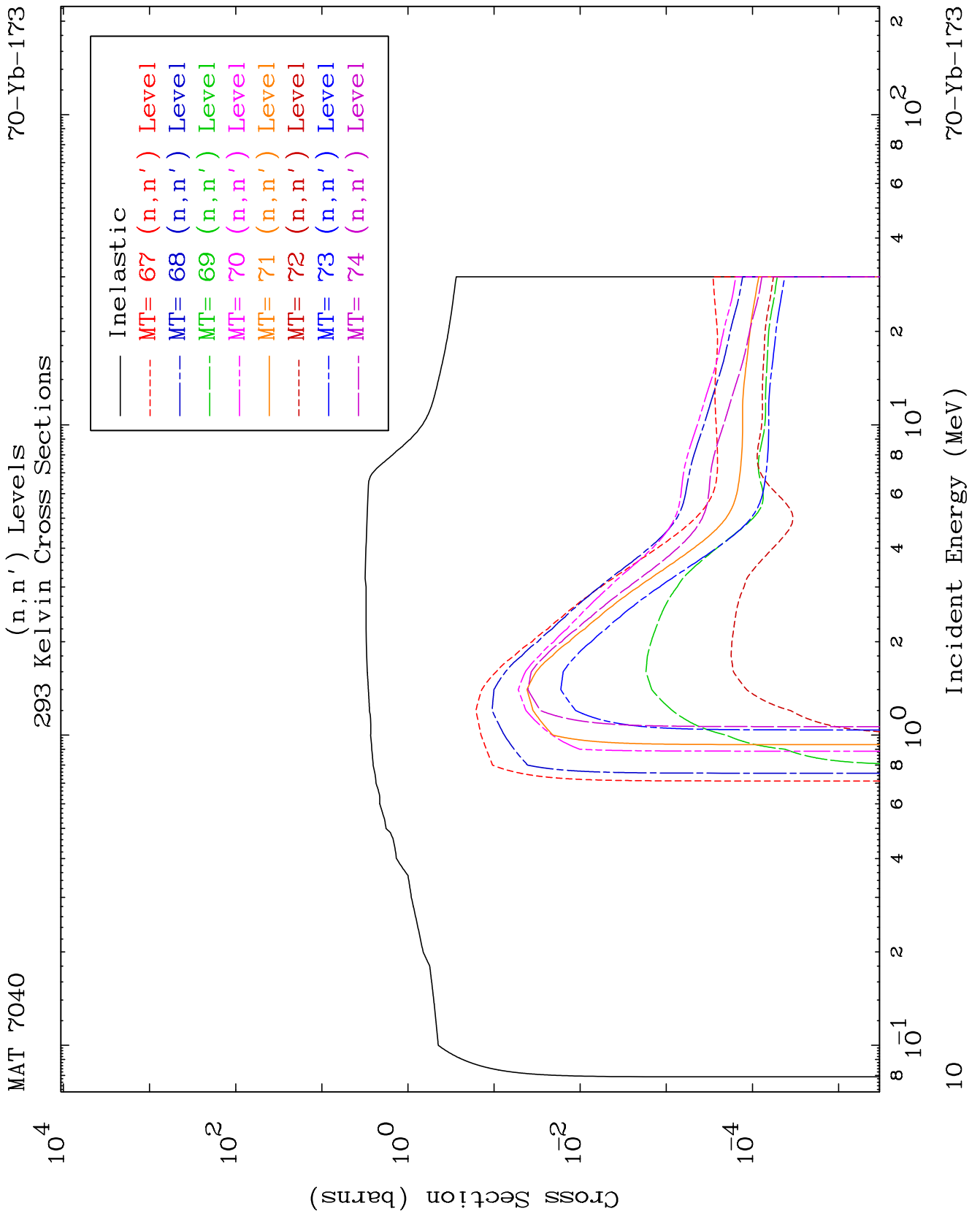
293 Kelvin Cross Sections



9

Incident Energy (MeV)

70-Yb-173

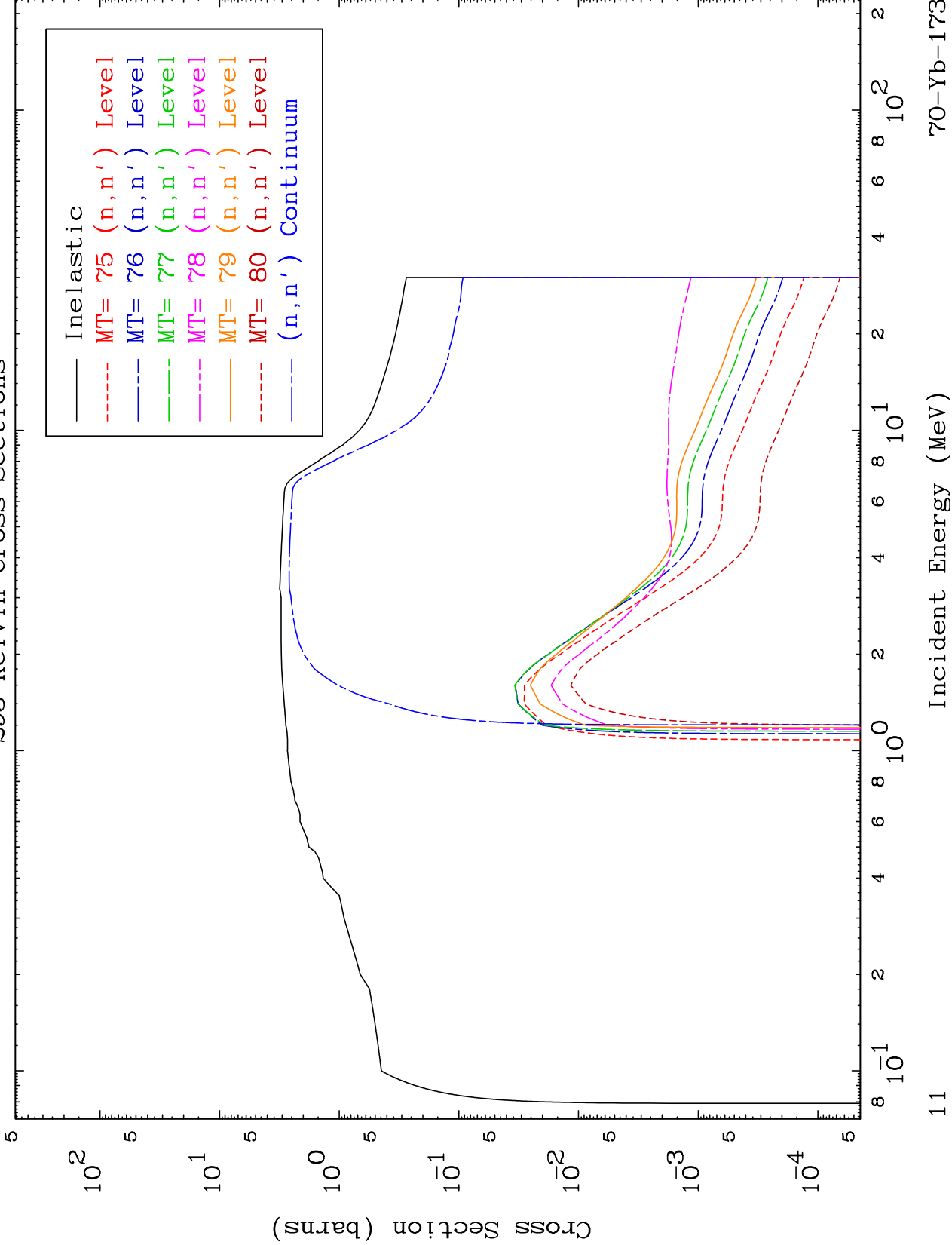


MAT 7040

(n,n') Levels

70-Yb-173

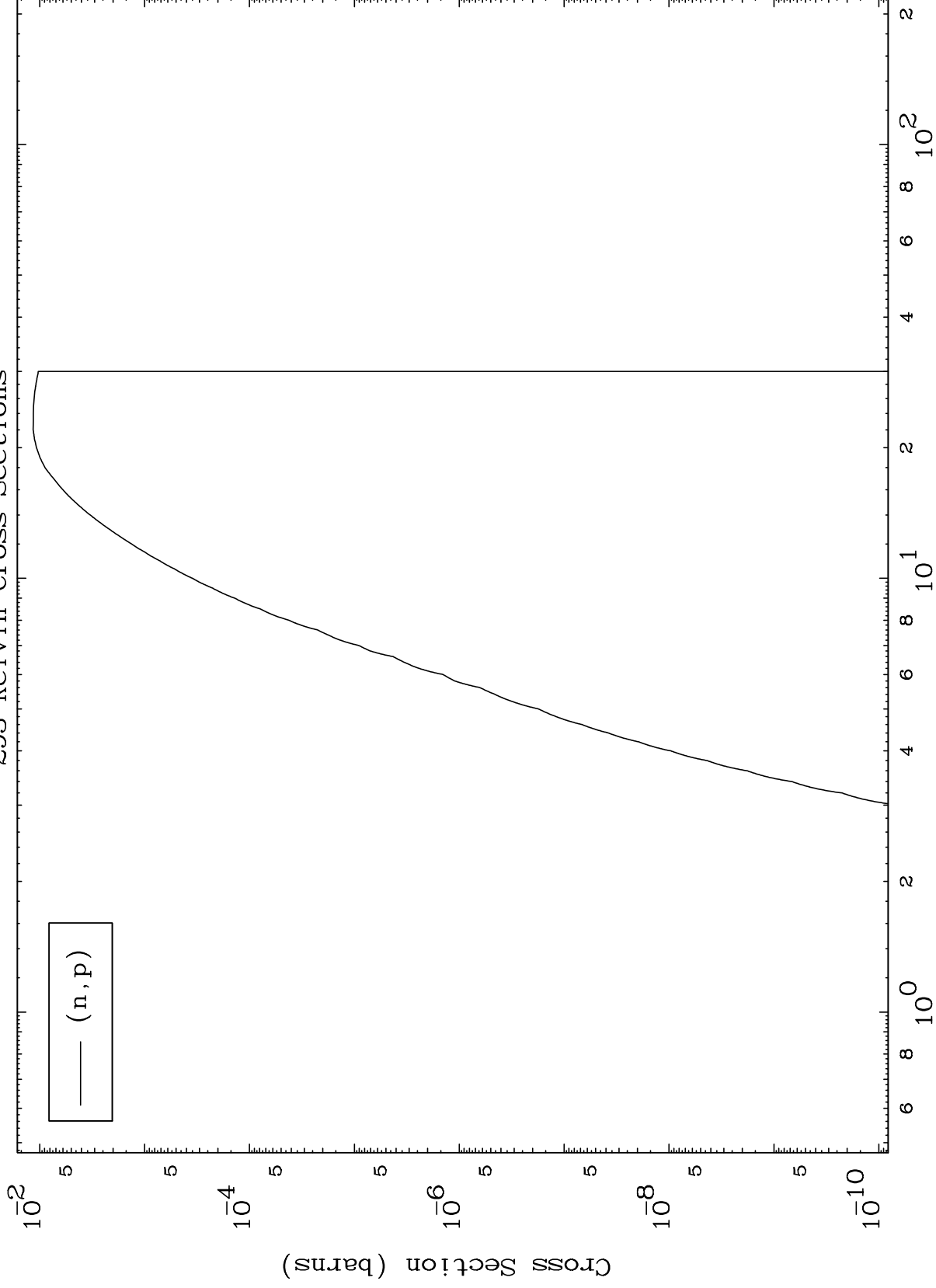
293 Kelvin Cross Sections



MAT 7040

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-173



12

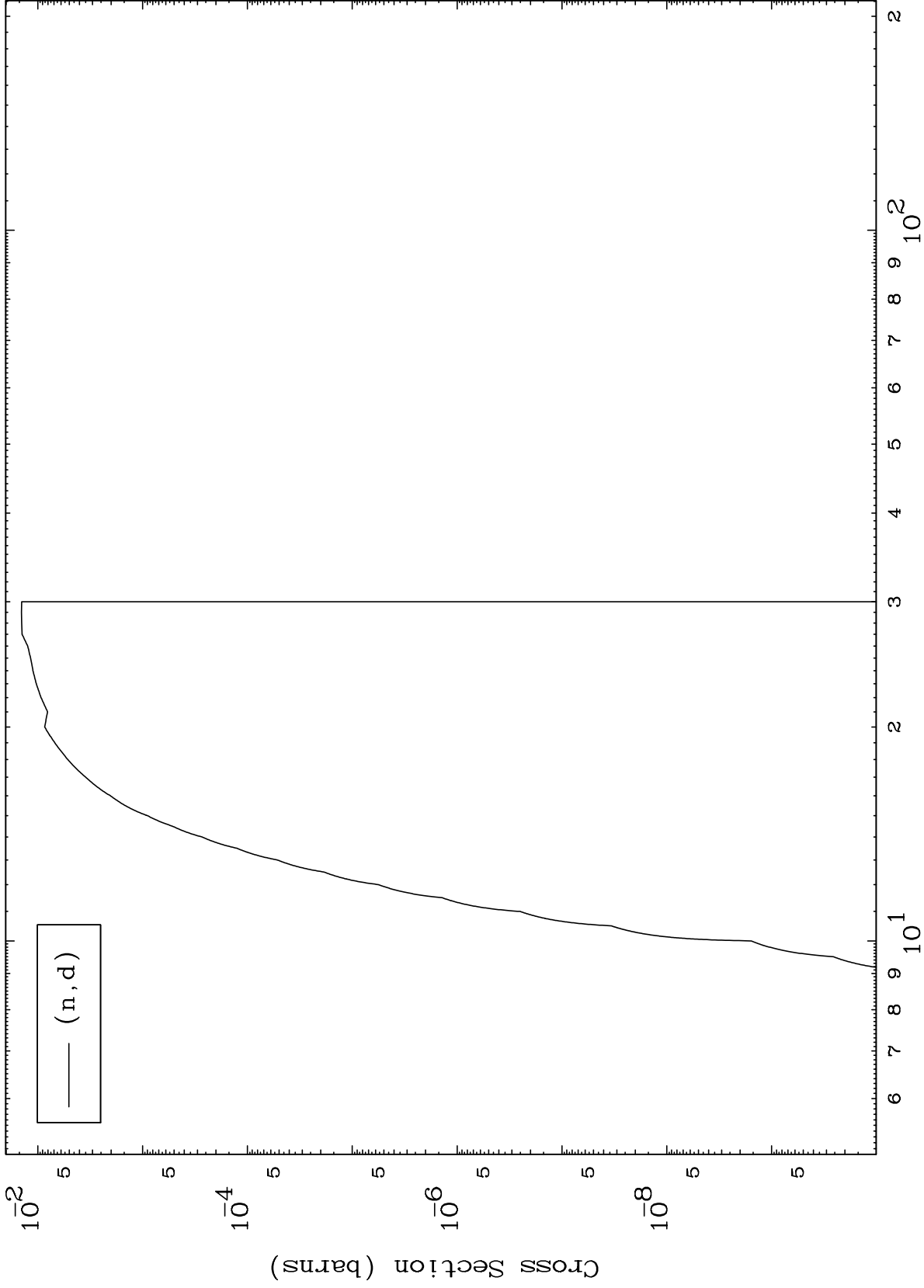
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-173



13

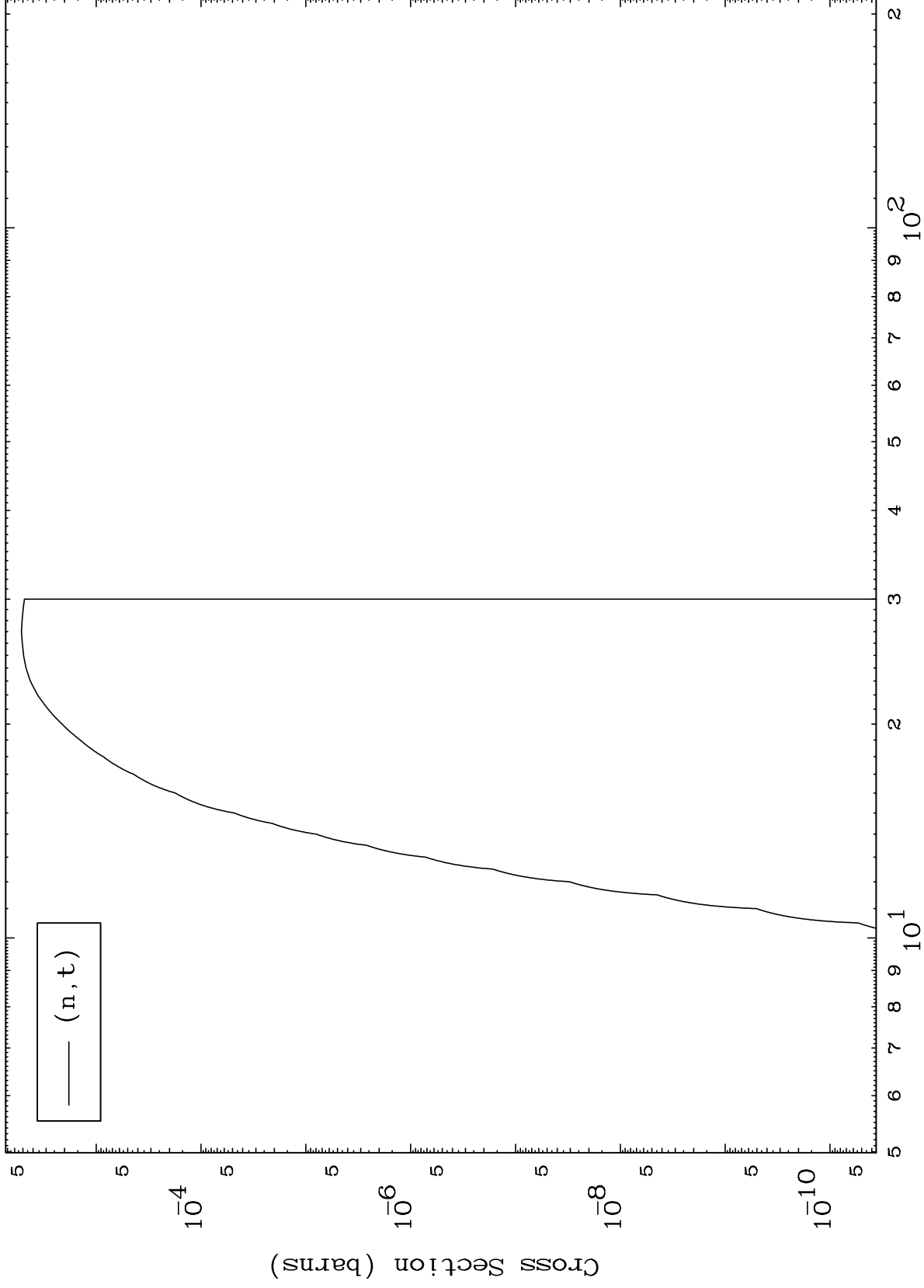
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-173



14

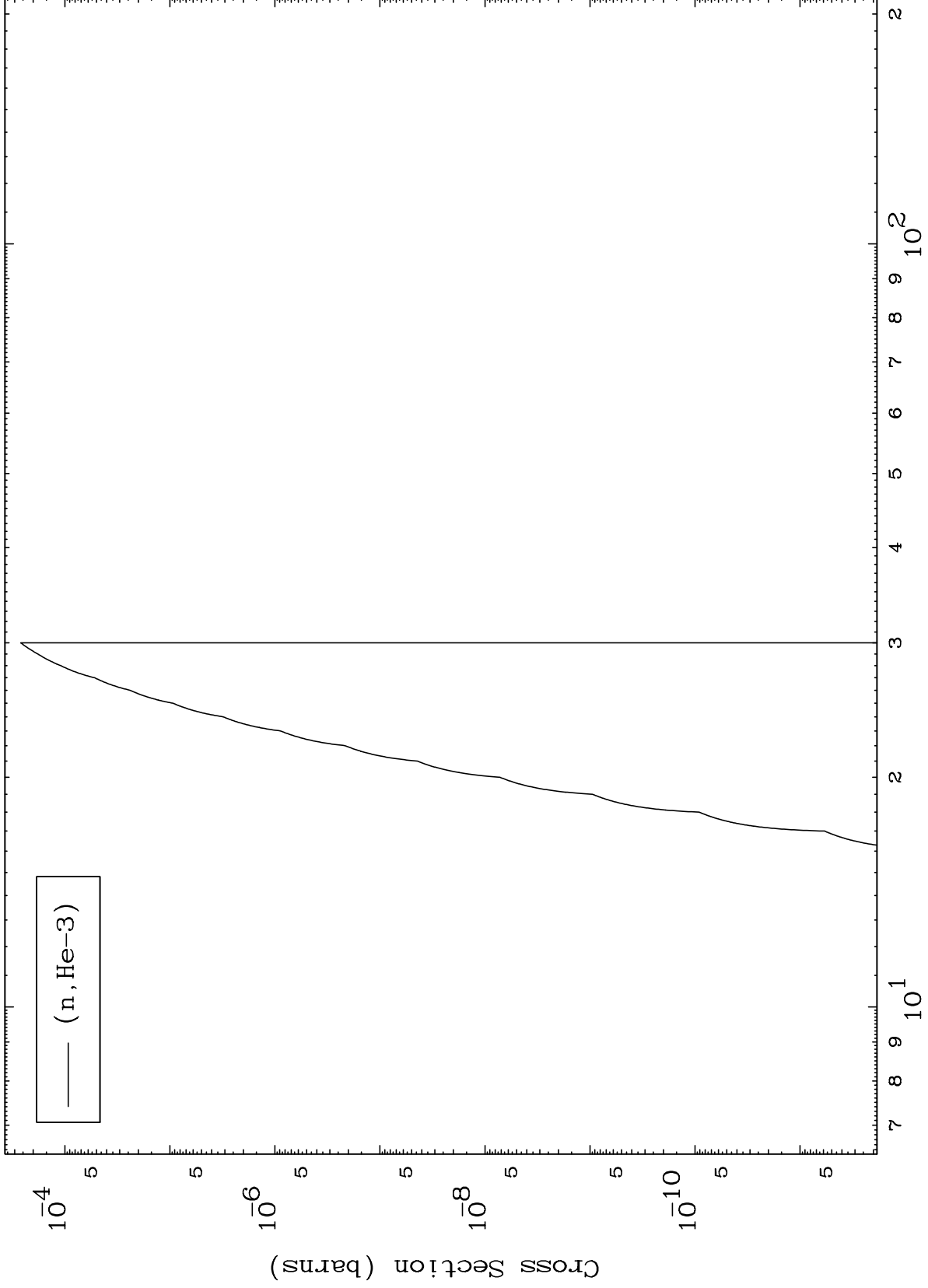
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,He3) Levels
293 Kelvin Cross Sections

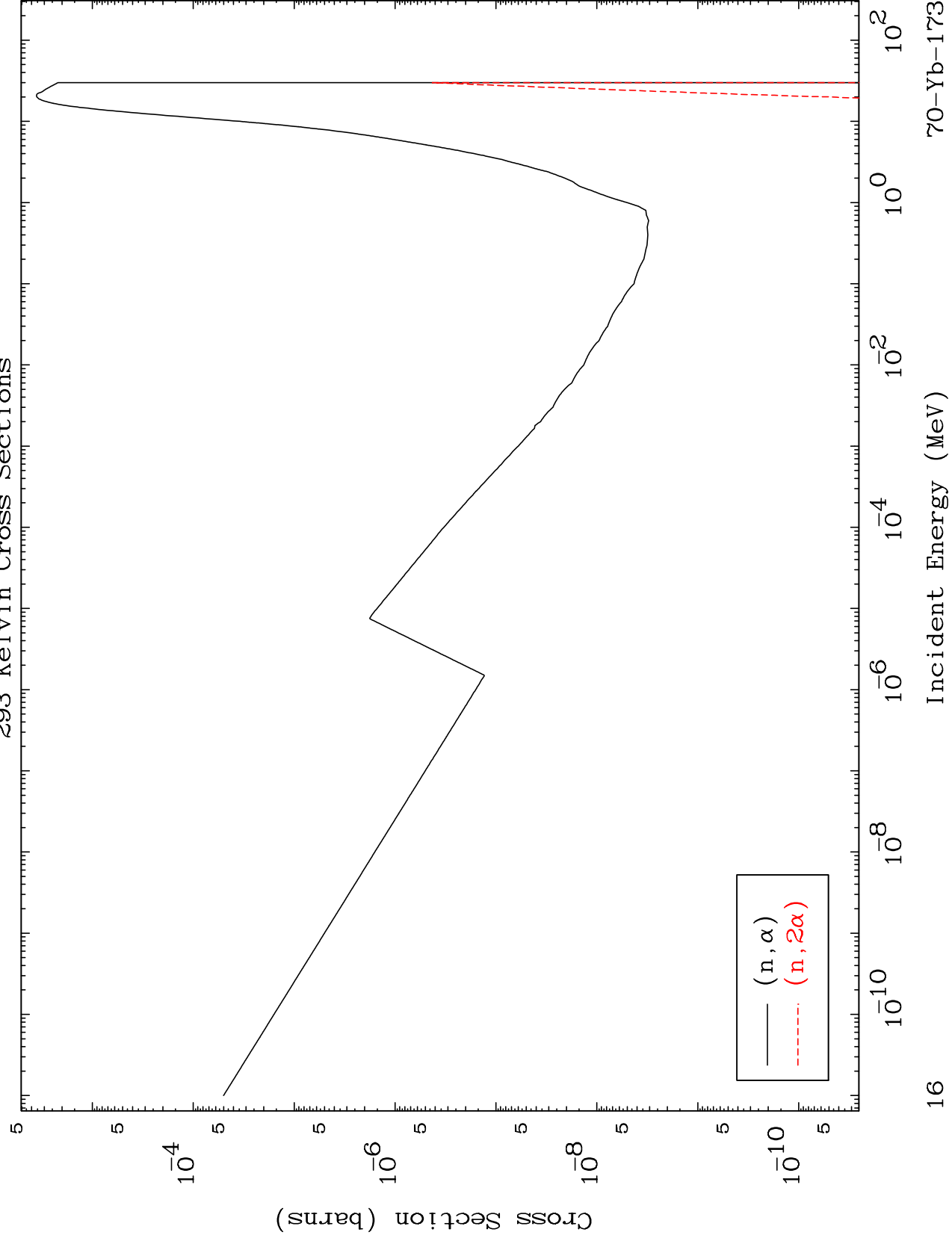
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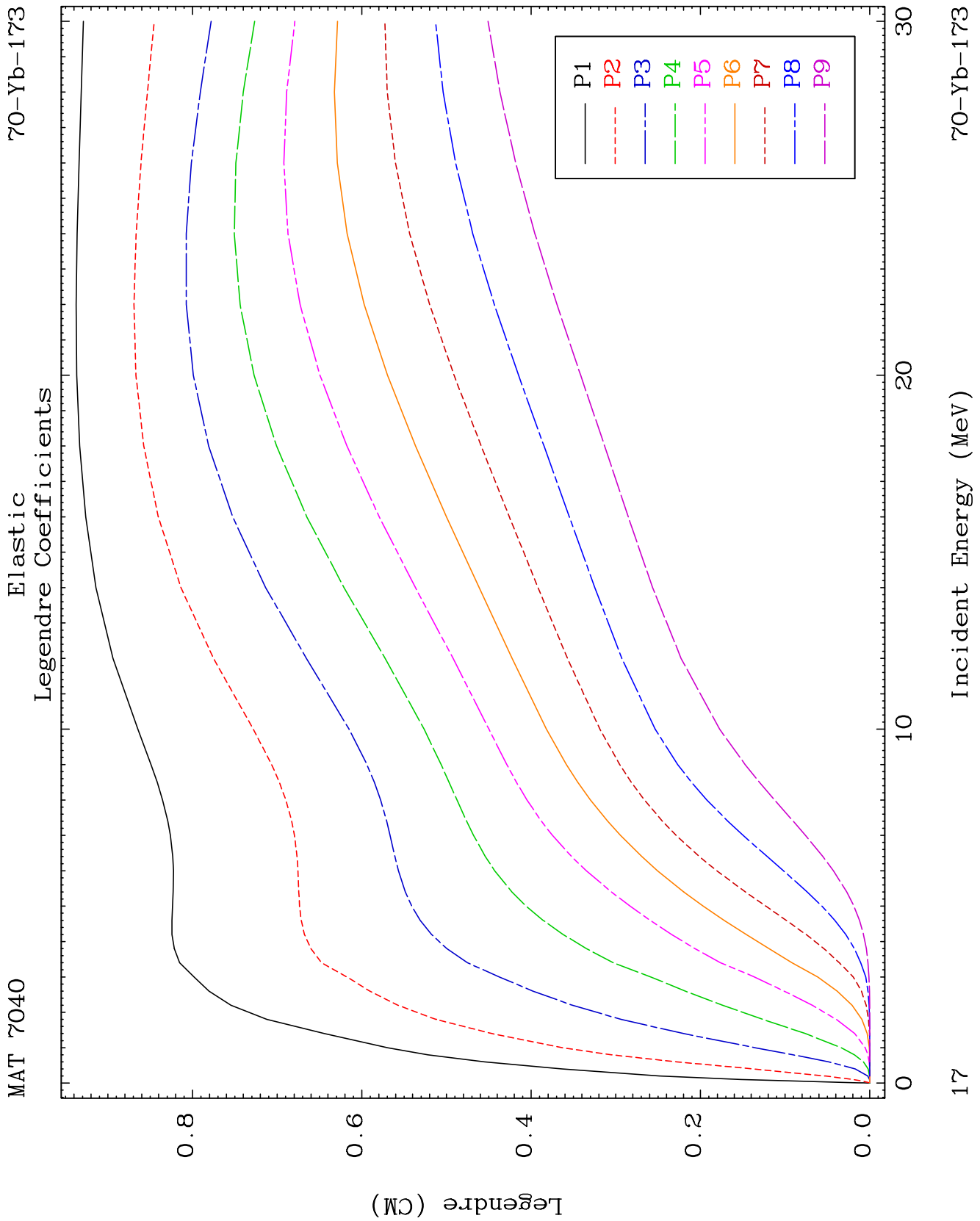


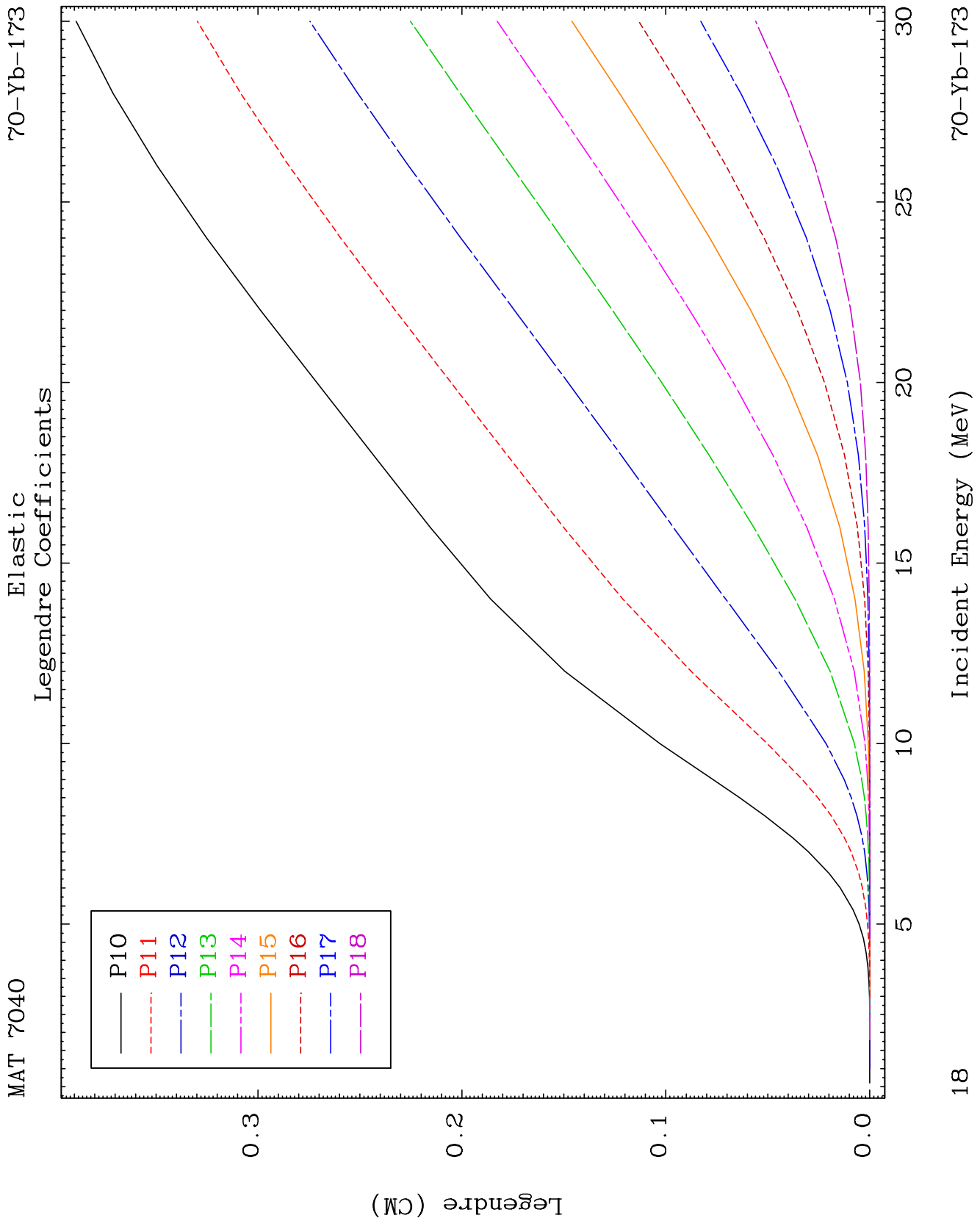
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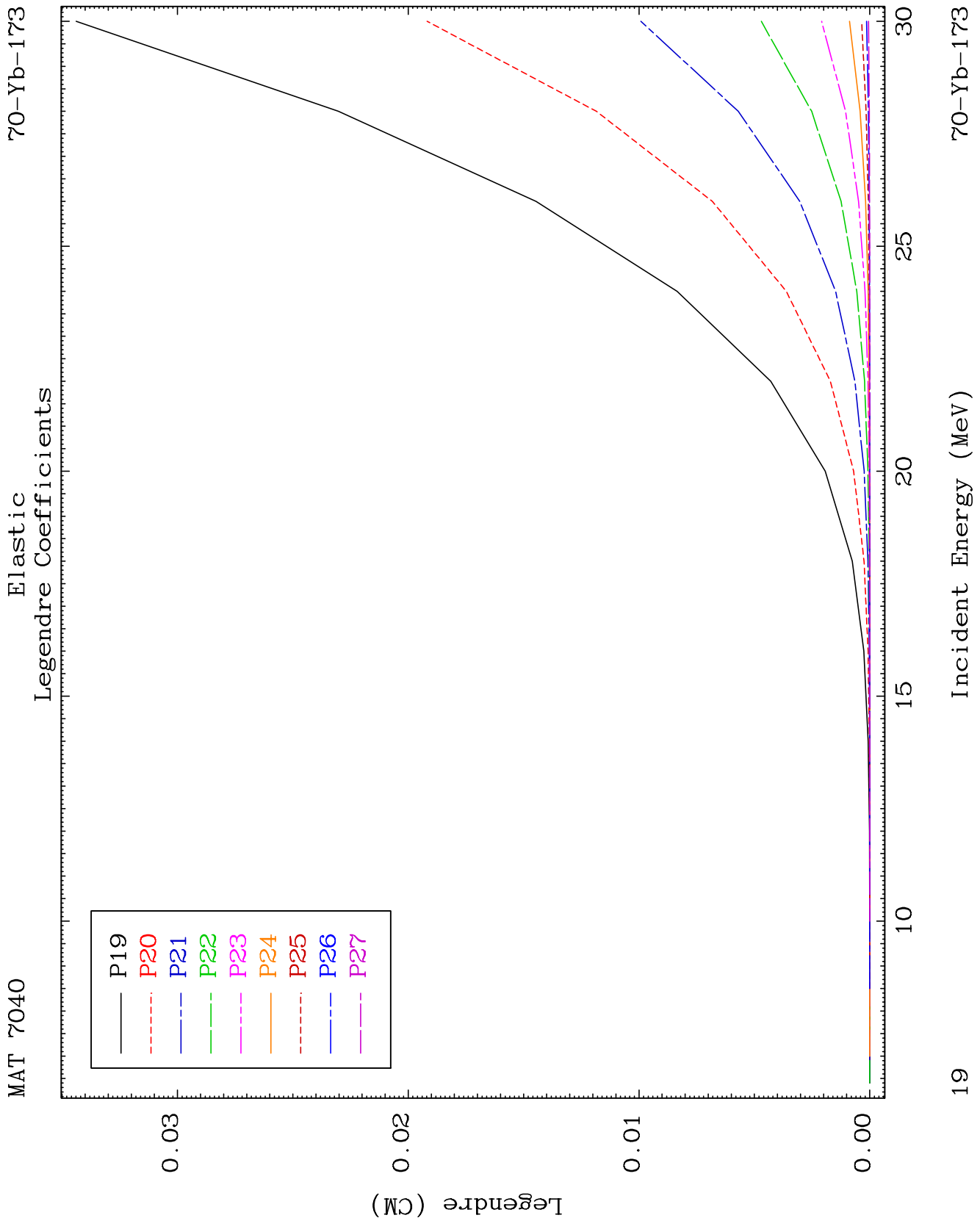
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-173









MAT 7040

Elastic Legendre Coefficients

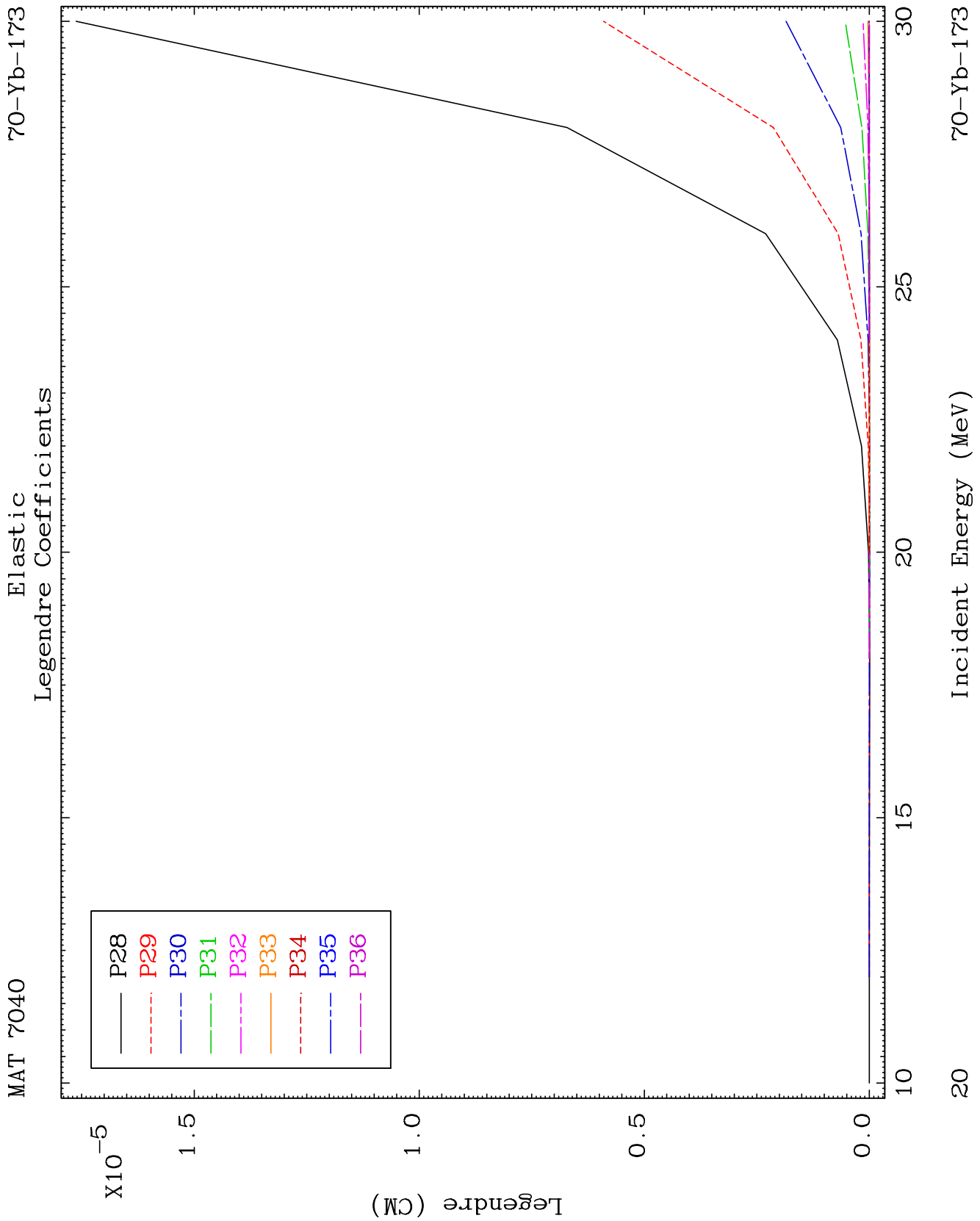
70-Yb-173

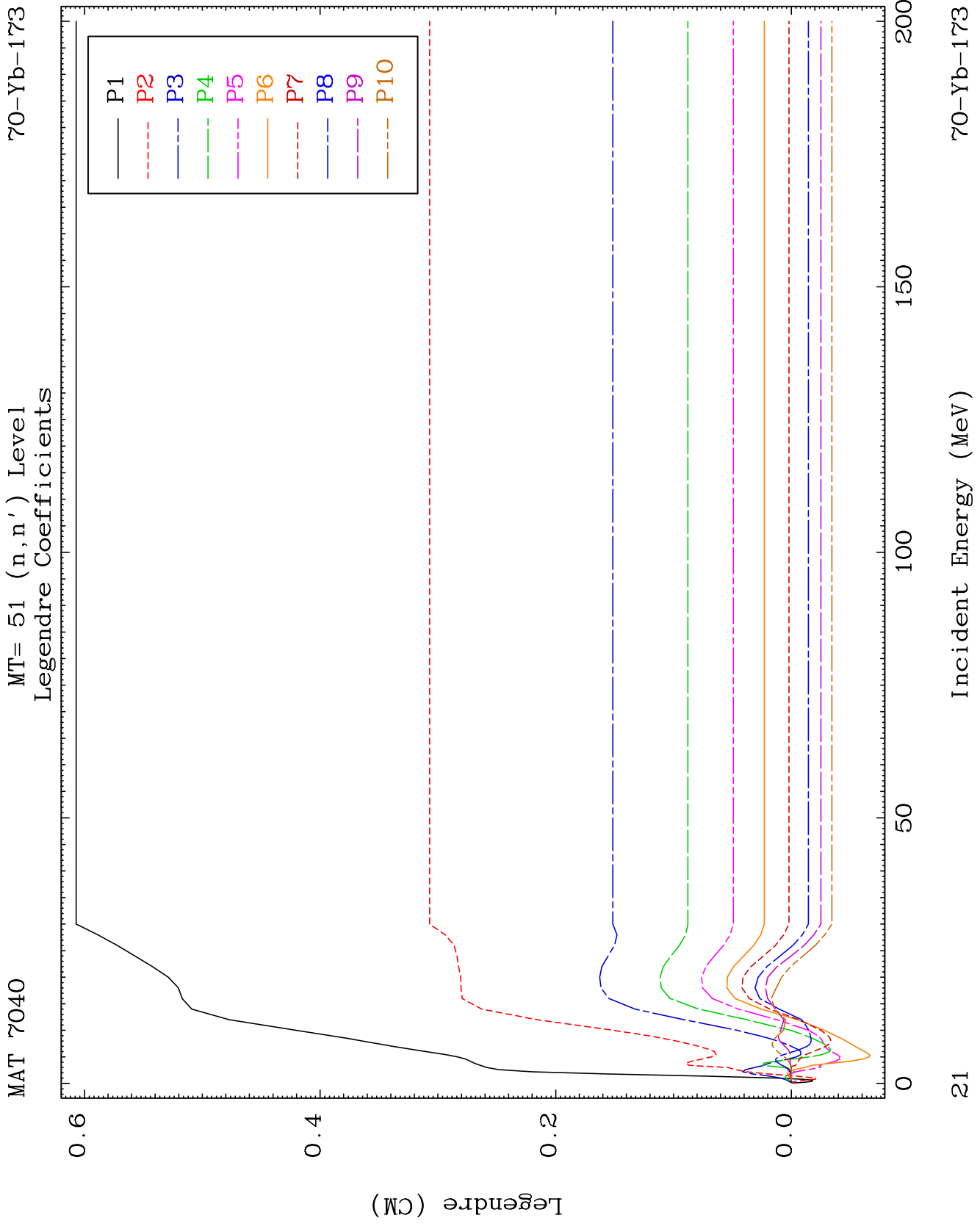
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

19

Incident Energy (MeV)

70-Yb-173

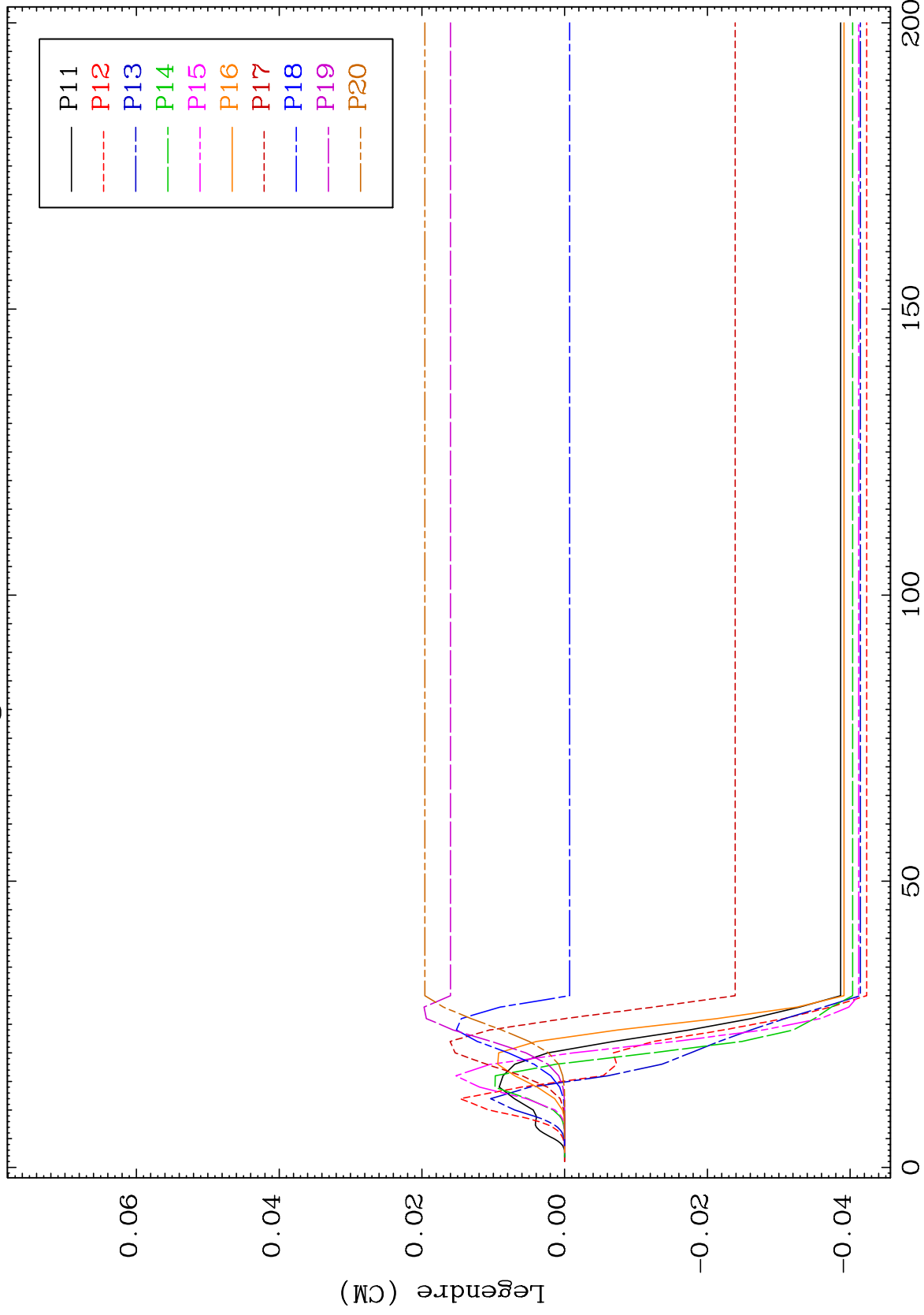




MAT 7040

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

70-Yb-173



22

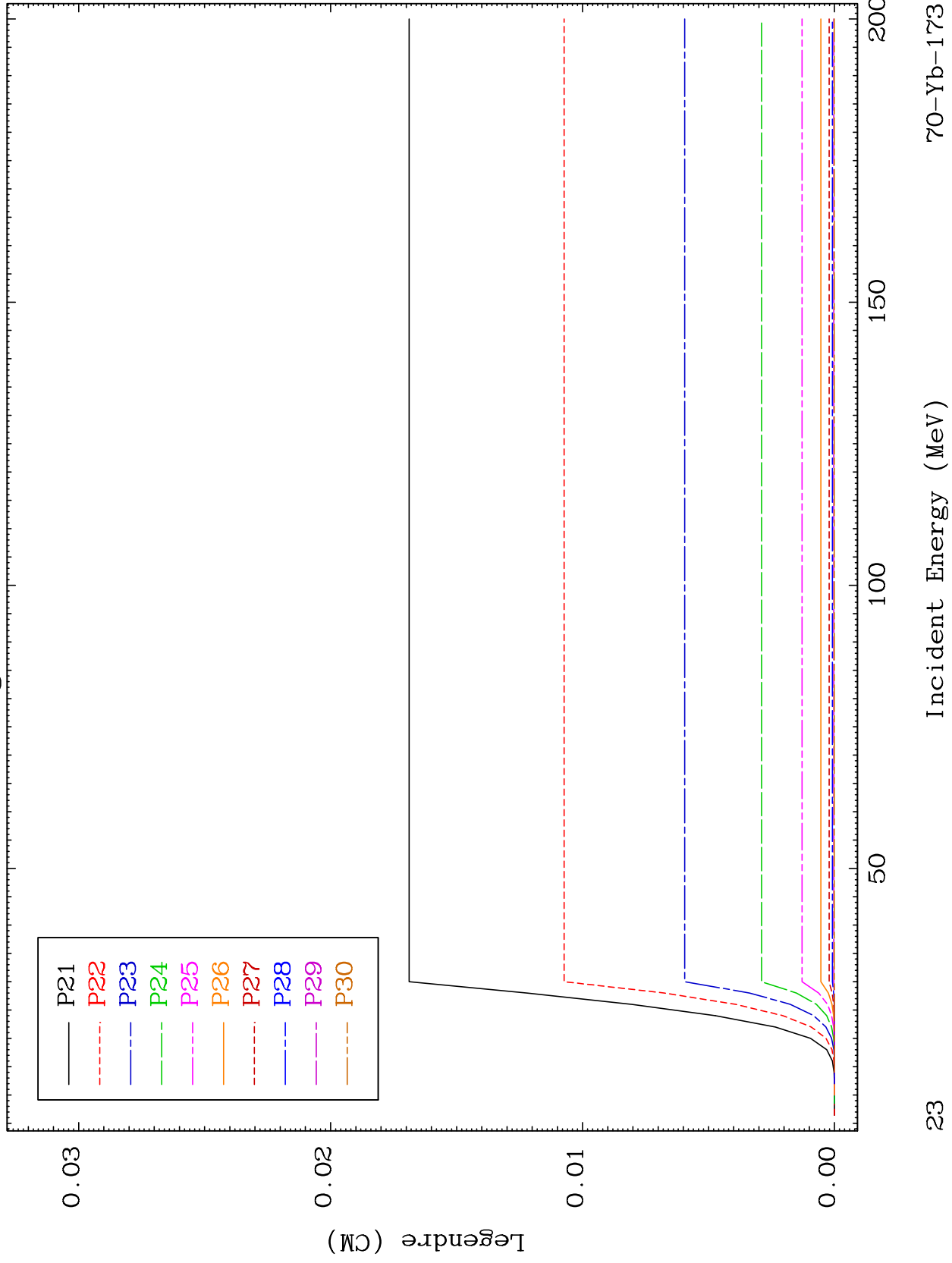
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



23

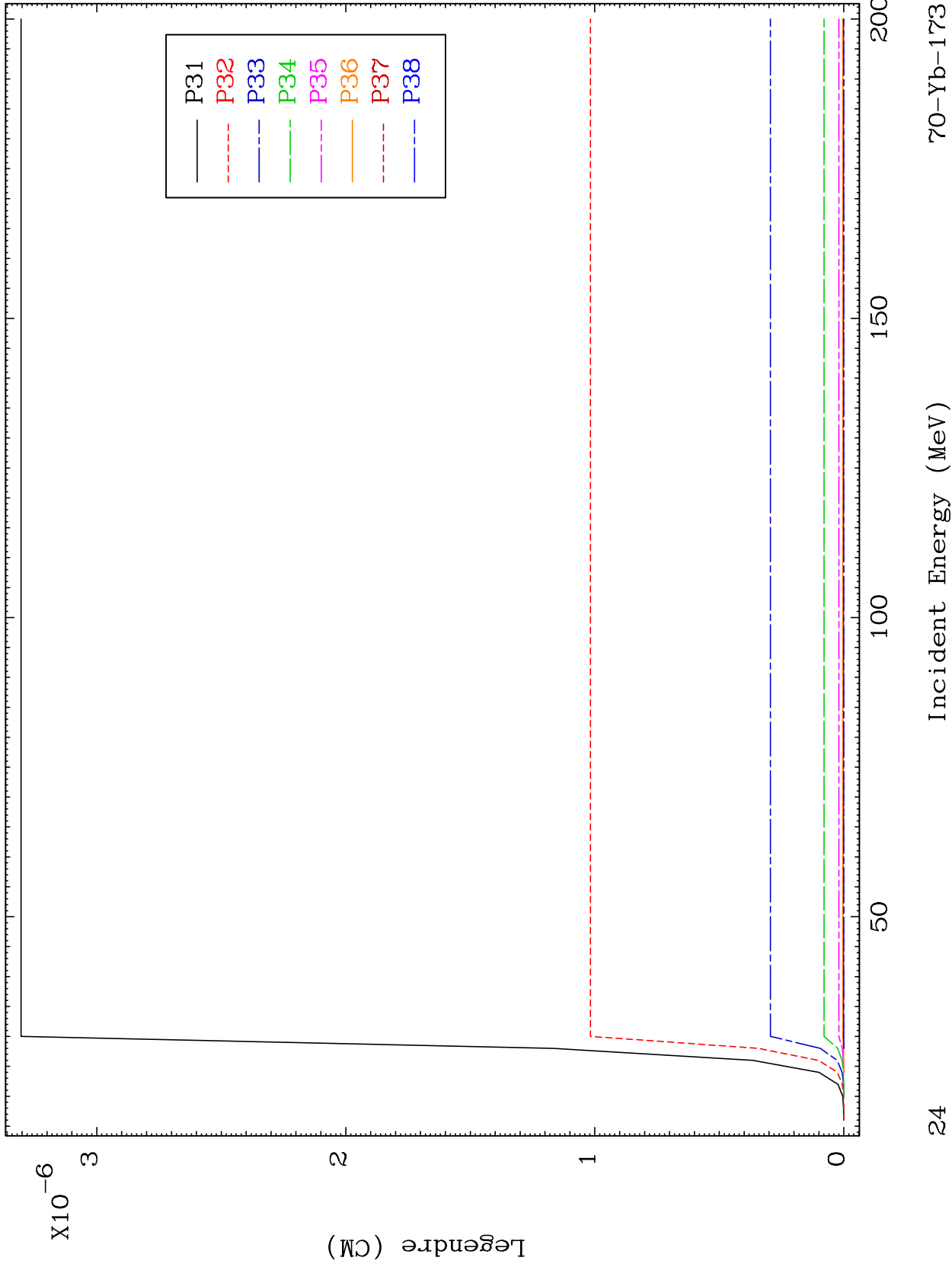
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

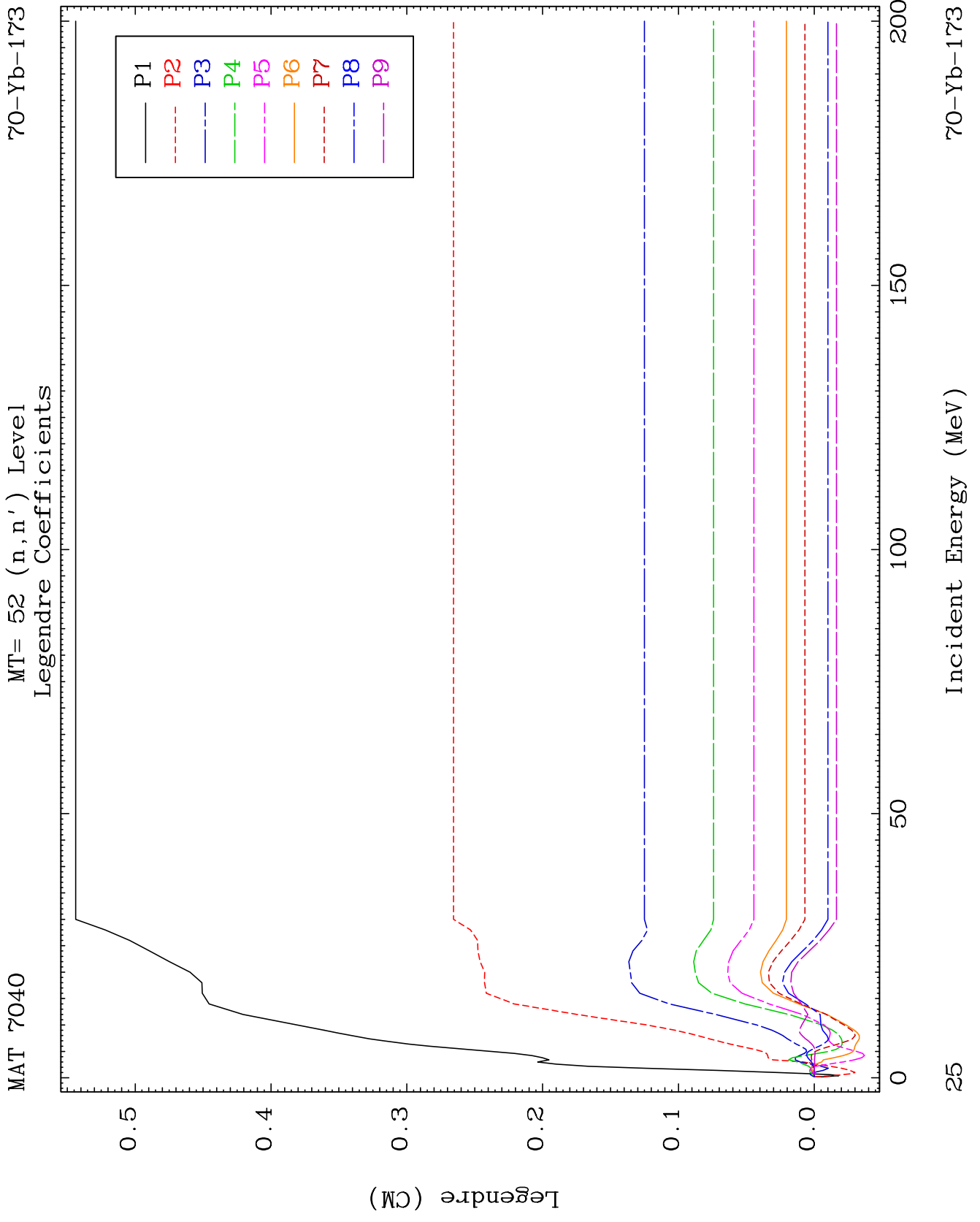
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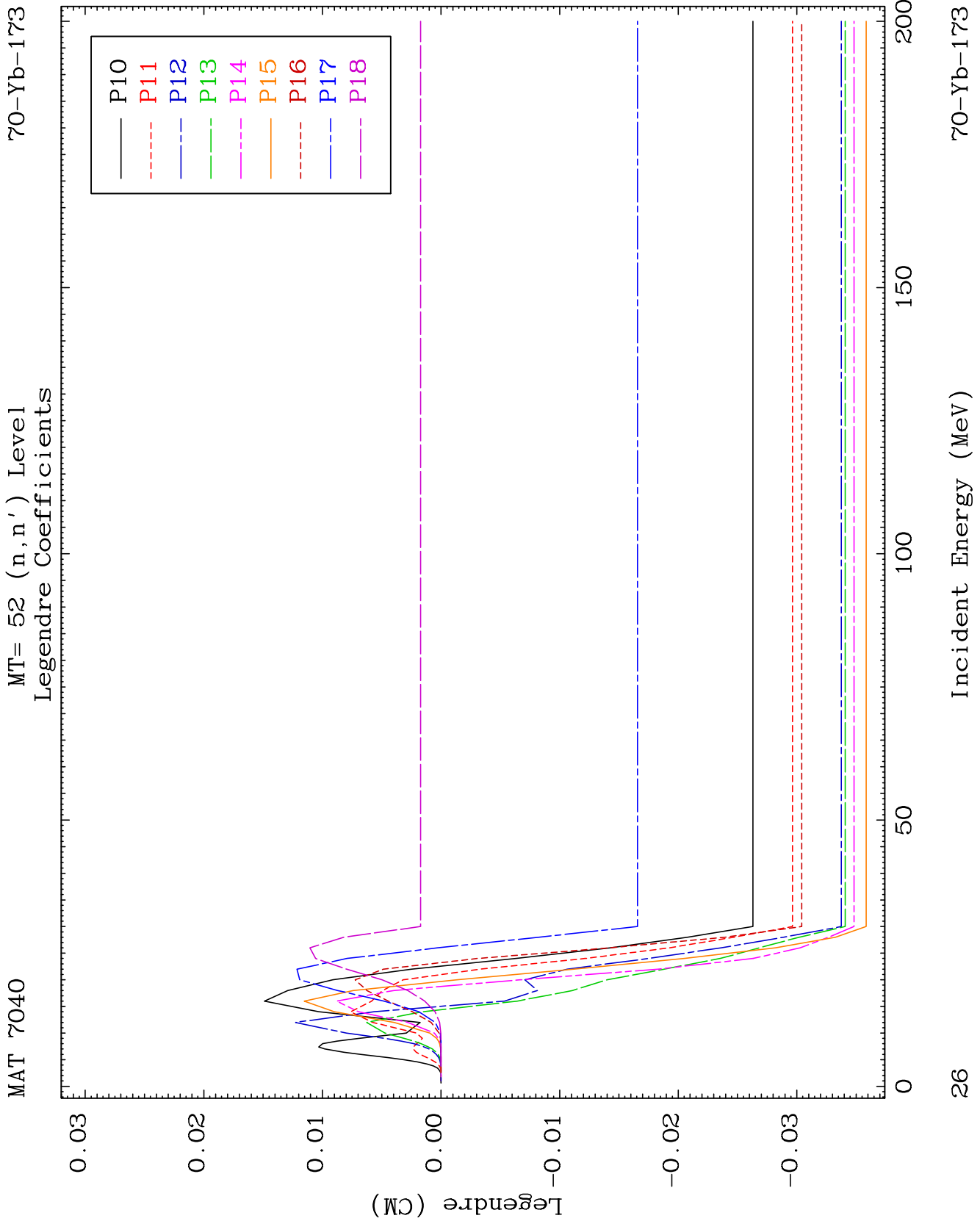


24

Incident Energy (MeV)

70-Yb-173

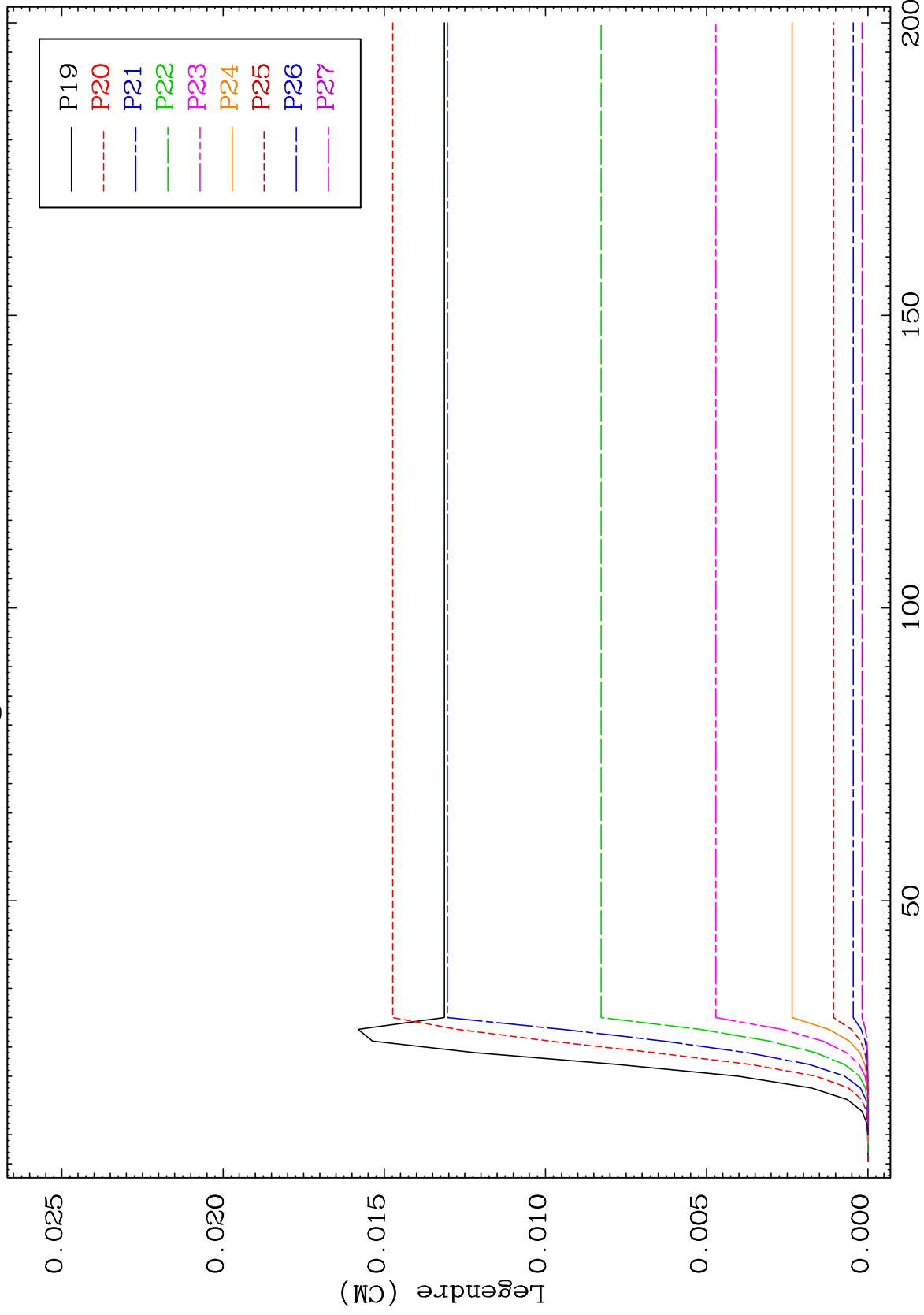




MAT 7040

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

70-Yb-173



27

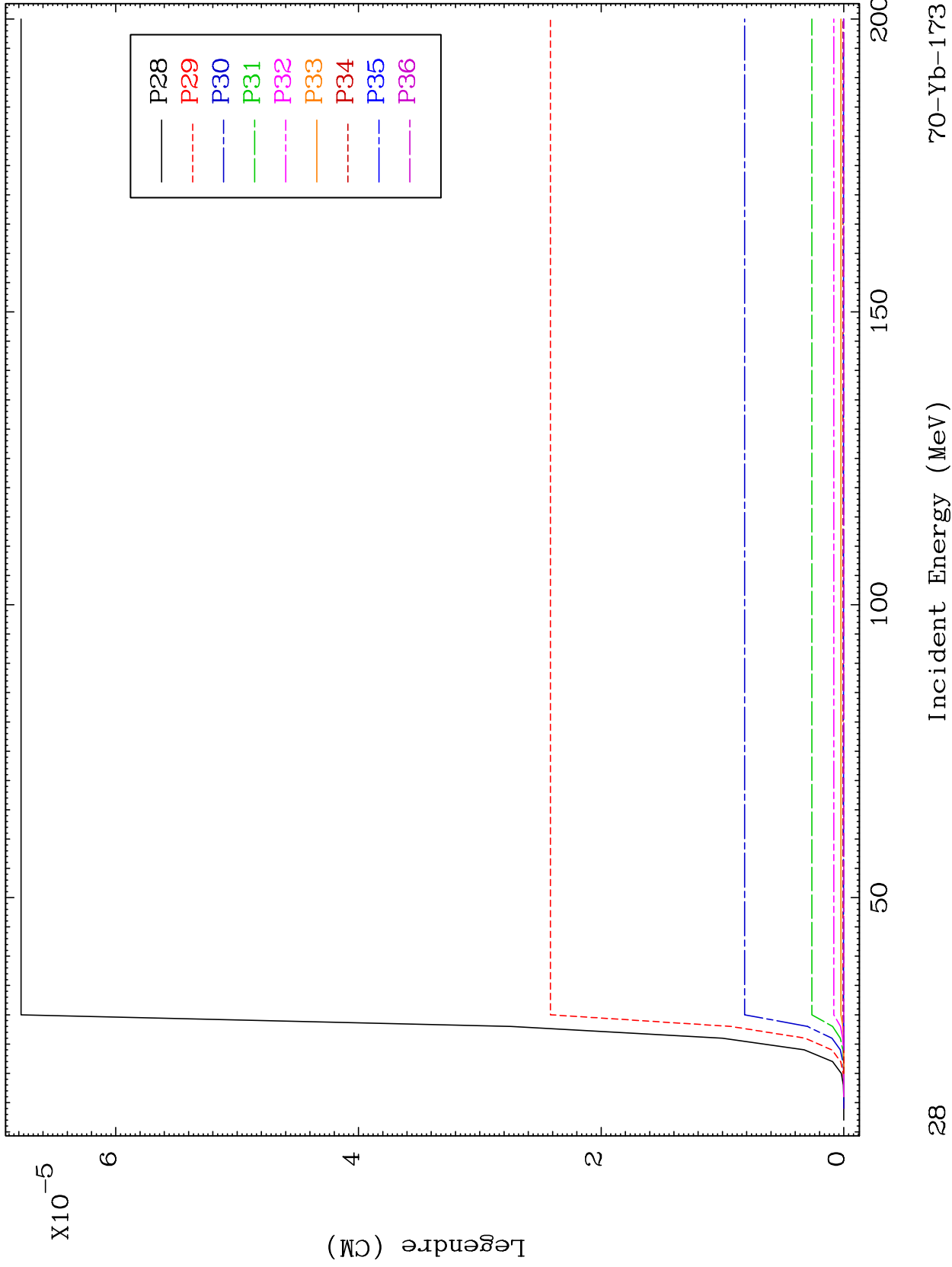
Incident Energy (MeV)

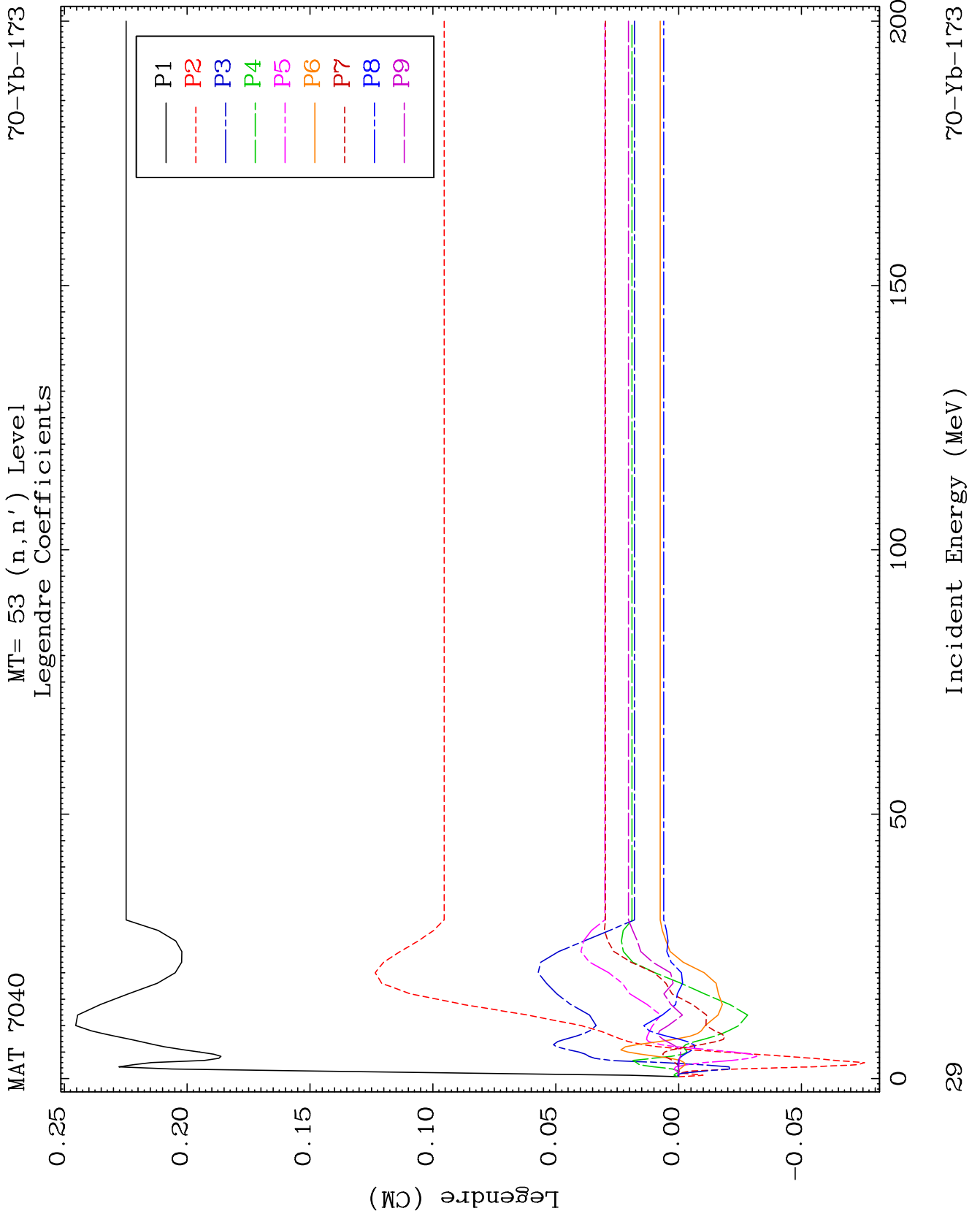
70-Yb-173

MAT 7040

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

70-Yb-173

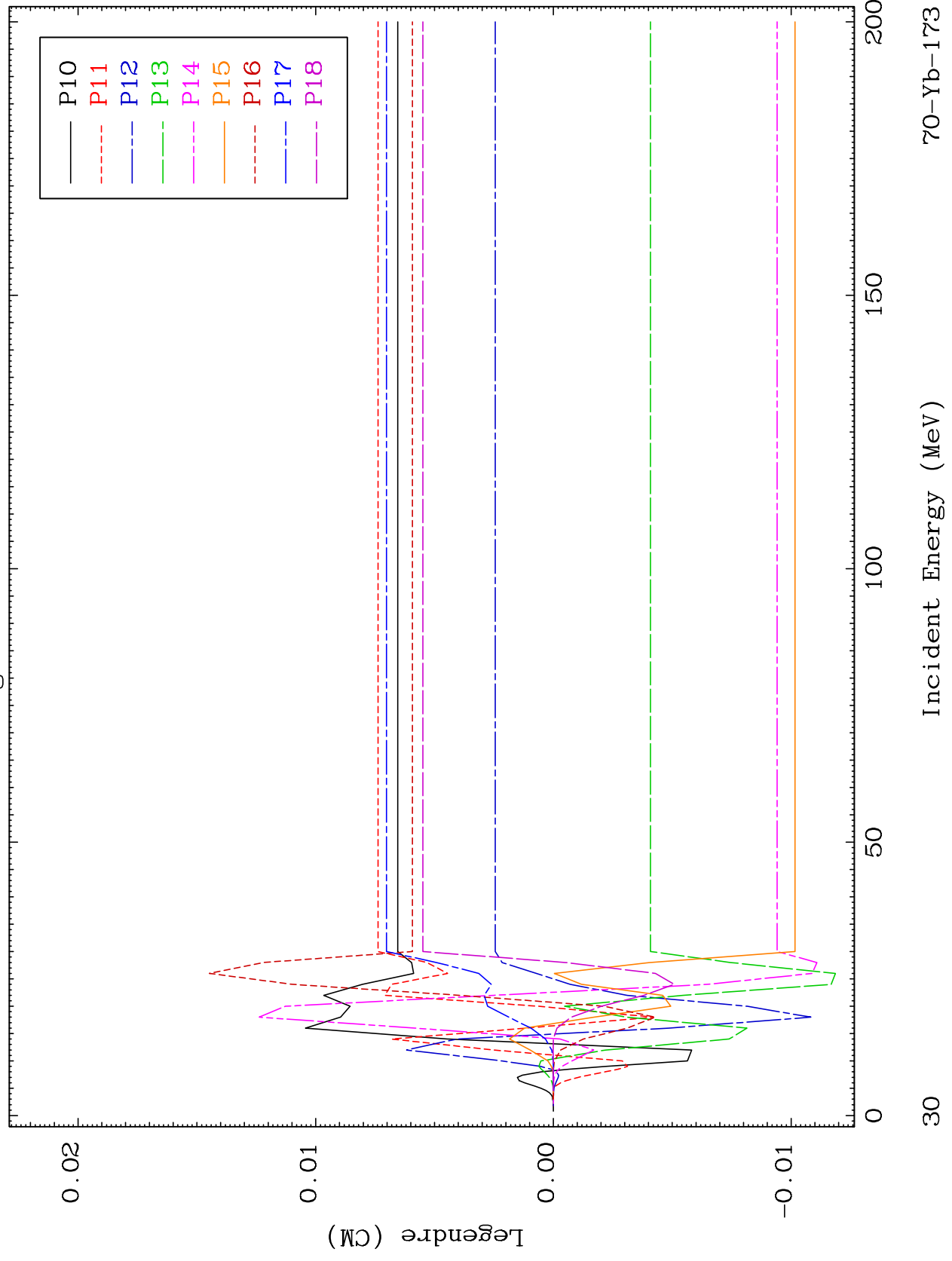


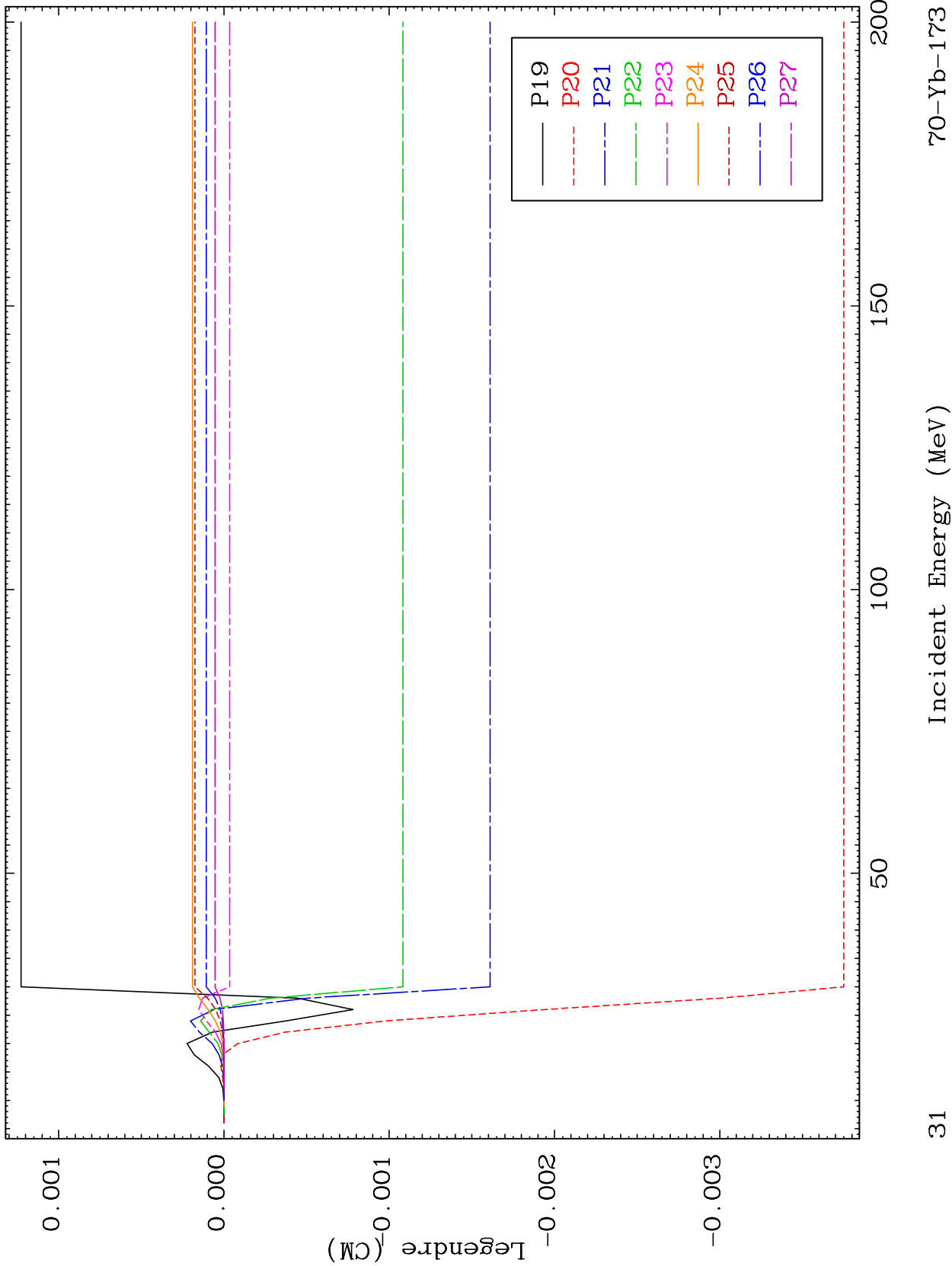


MAT 7040

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

70-Yb-173

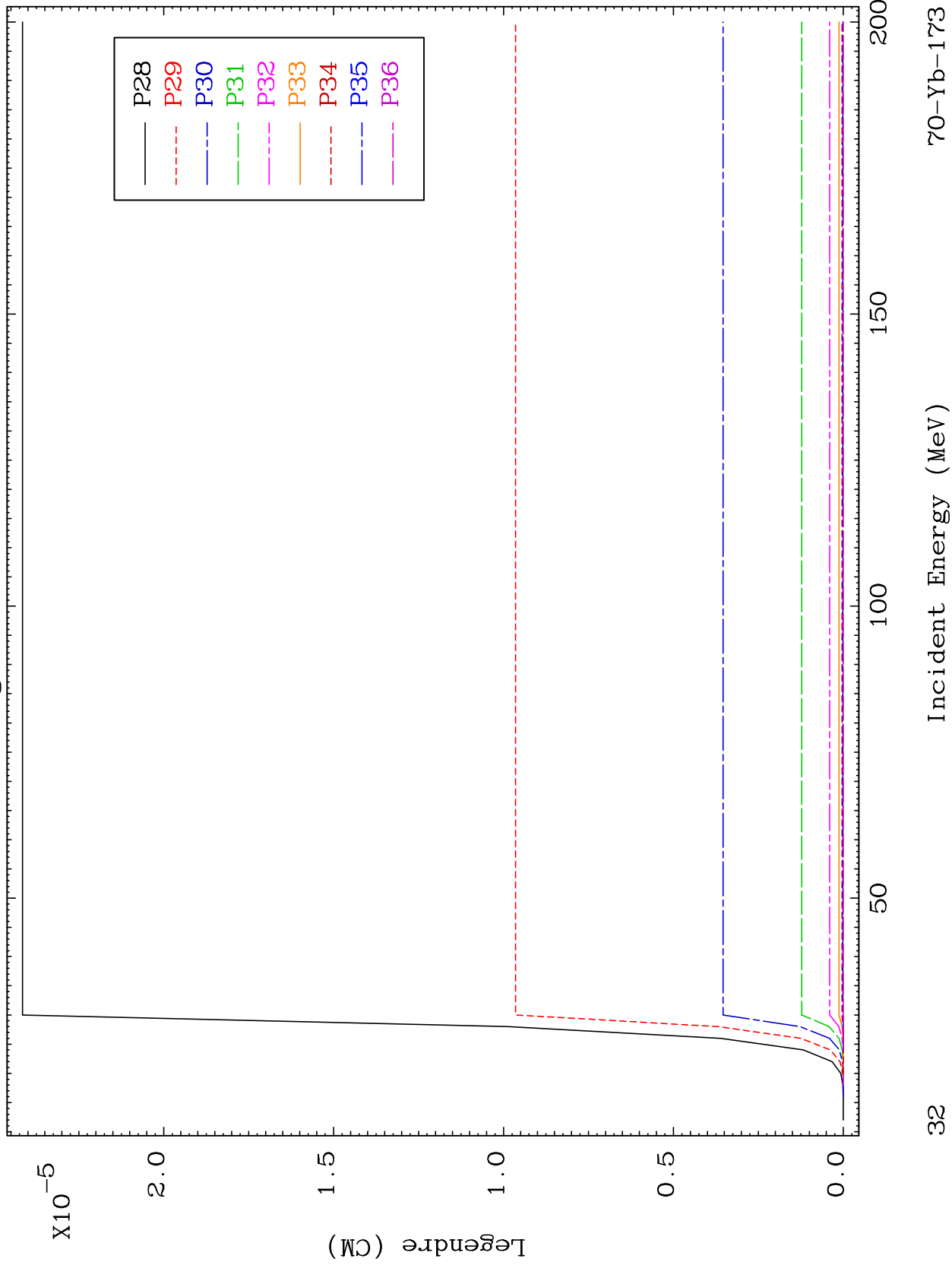




MAT 7040

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

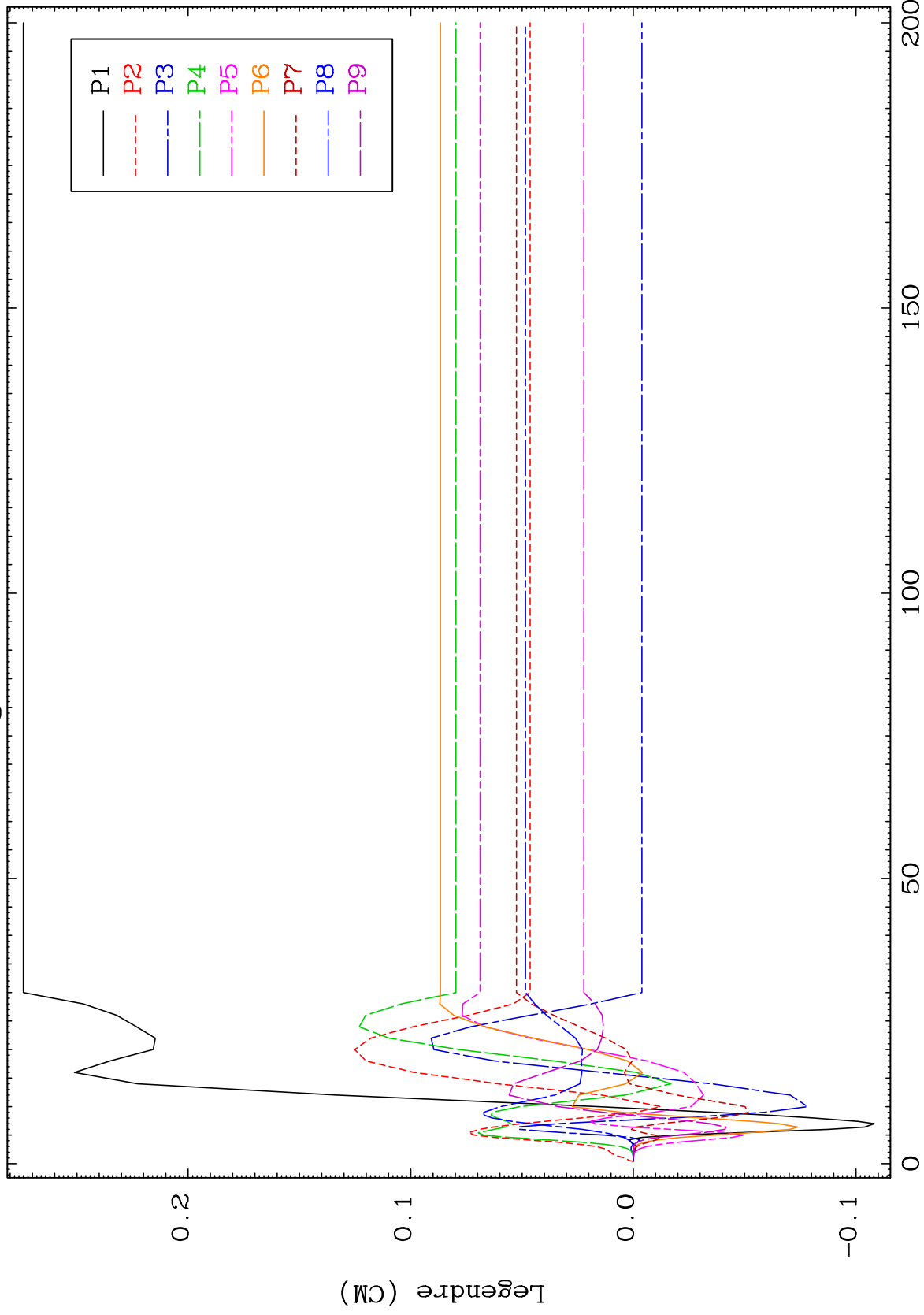
70-Yb-173



MAT 7040

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

70-Yb-173



33

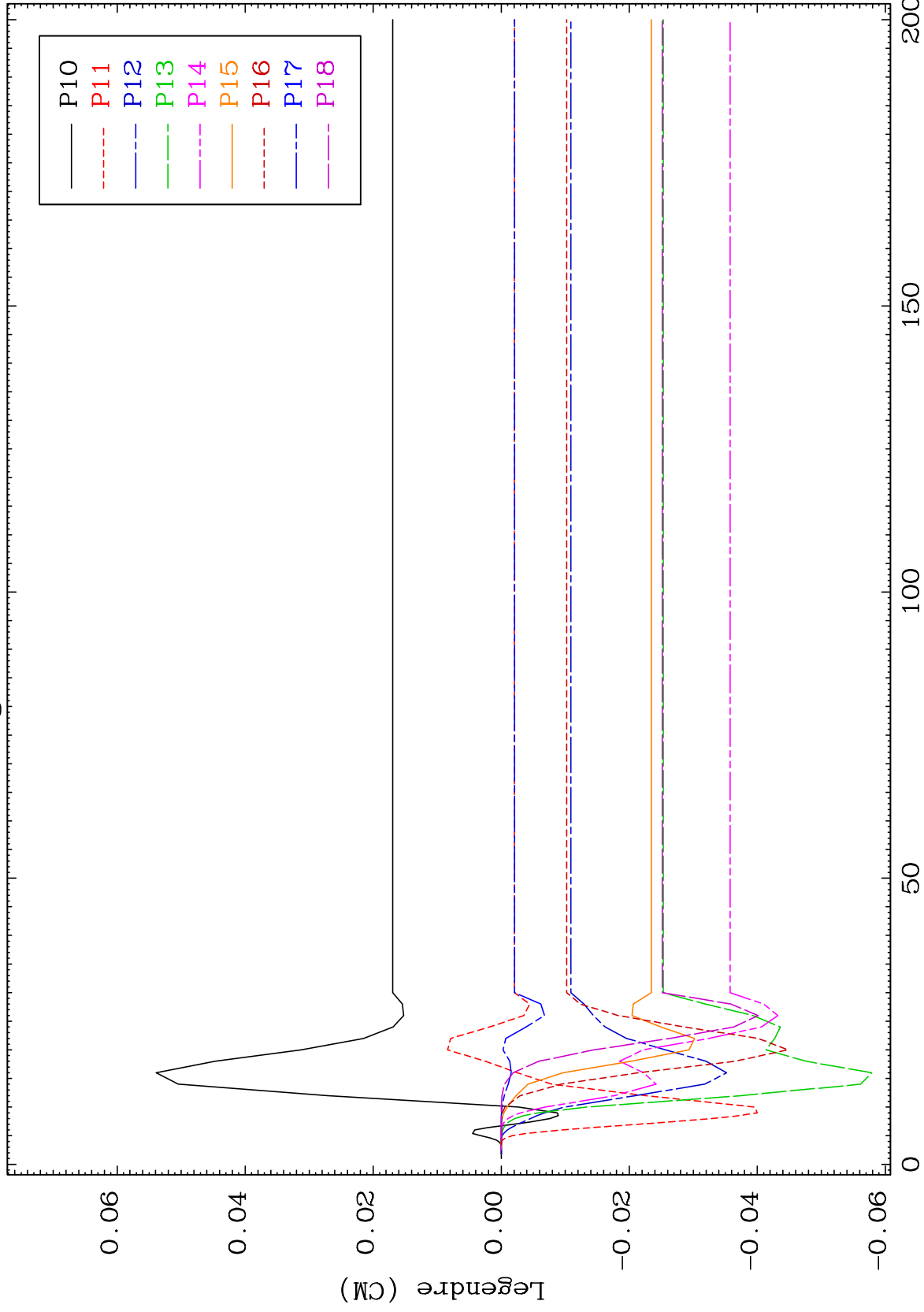
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

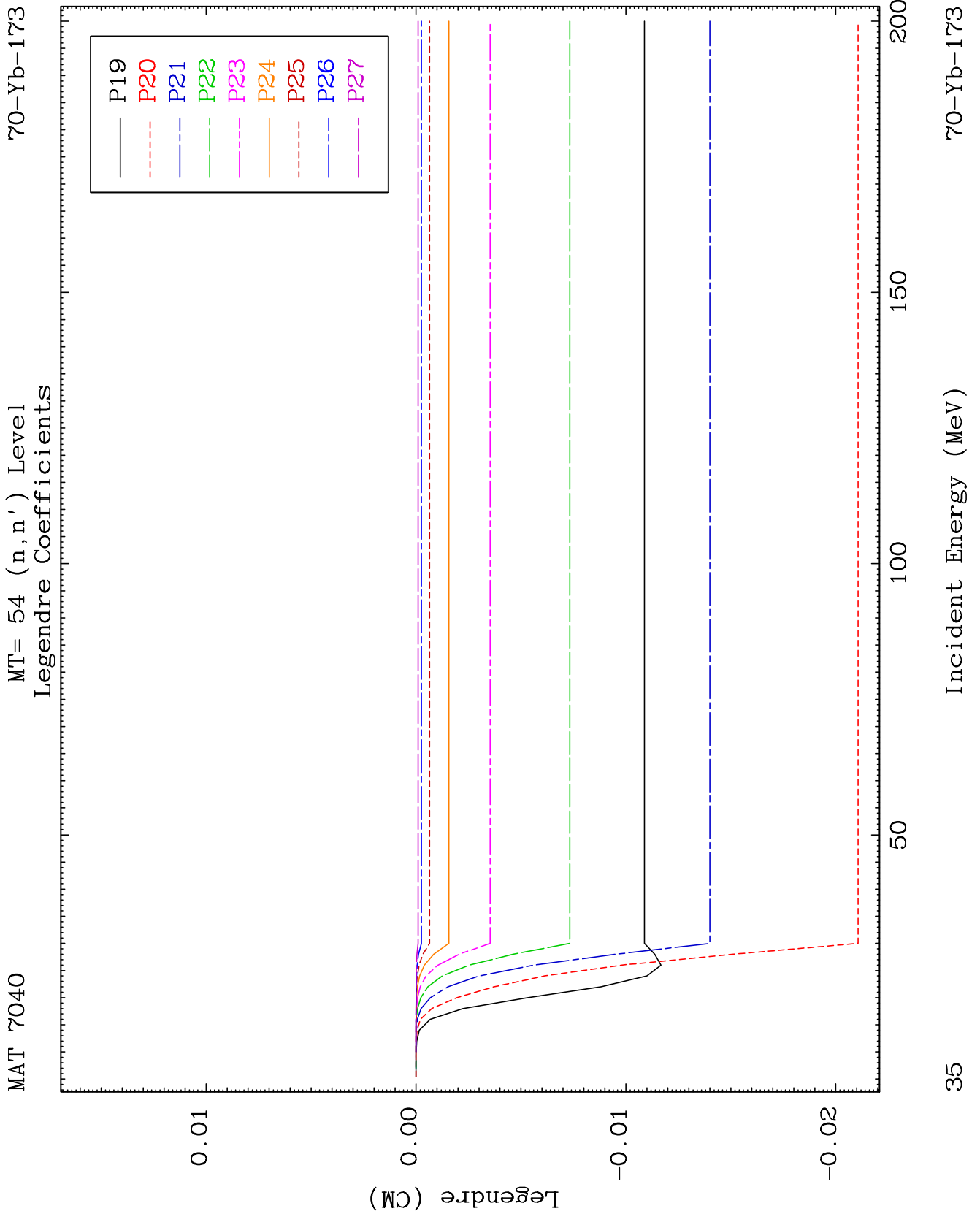
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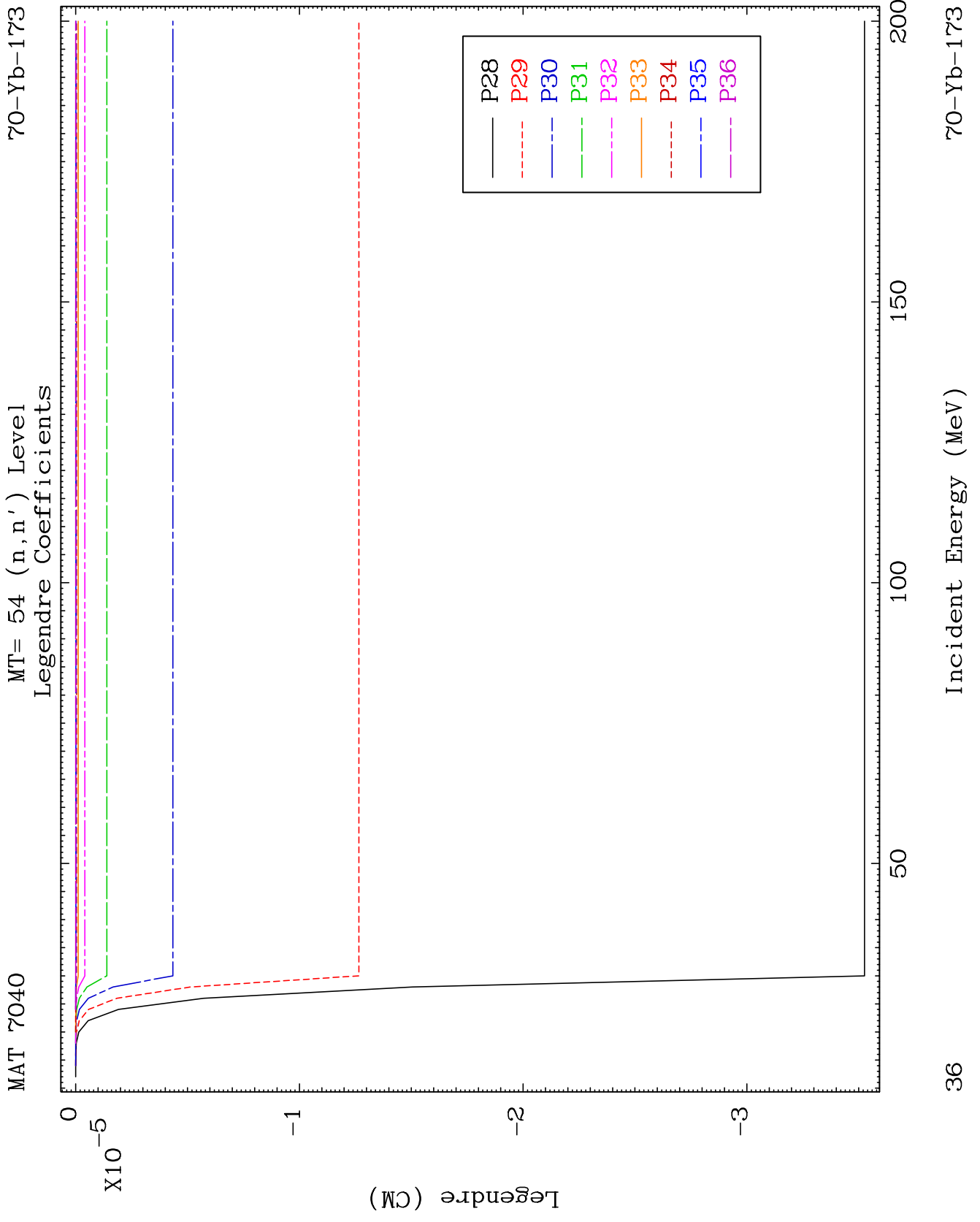


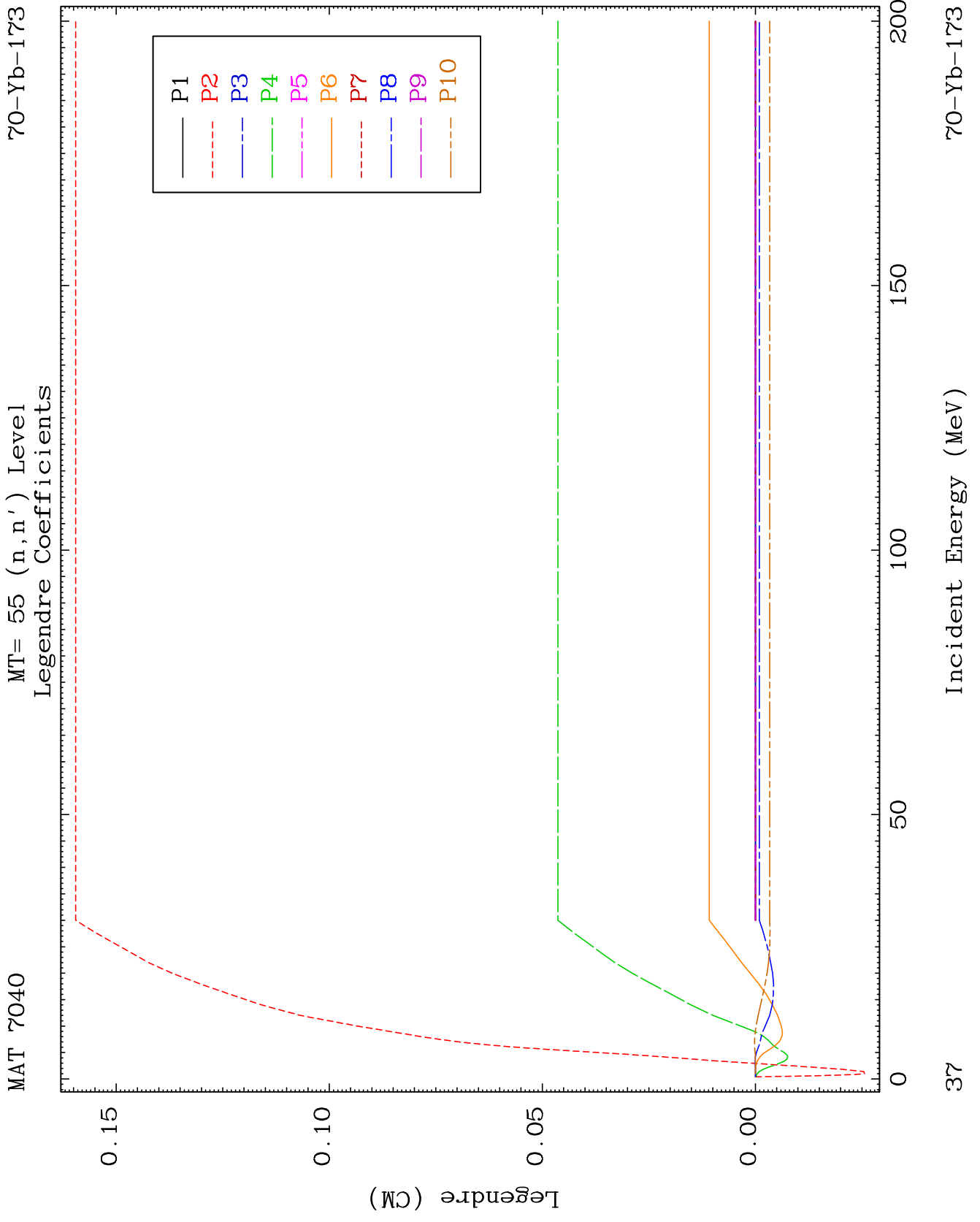
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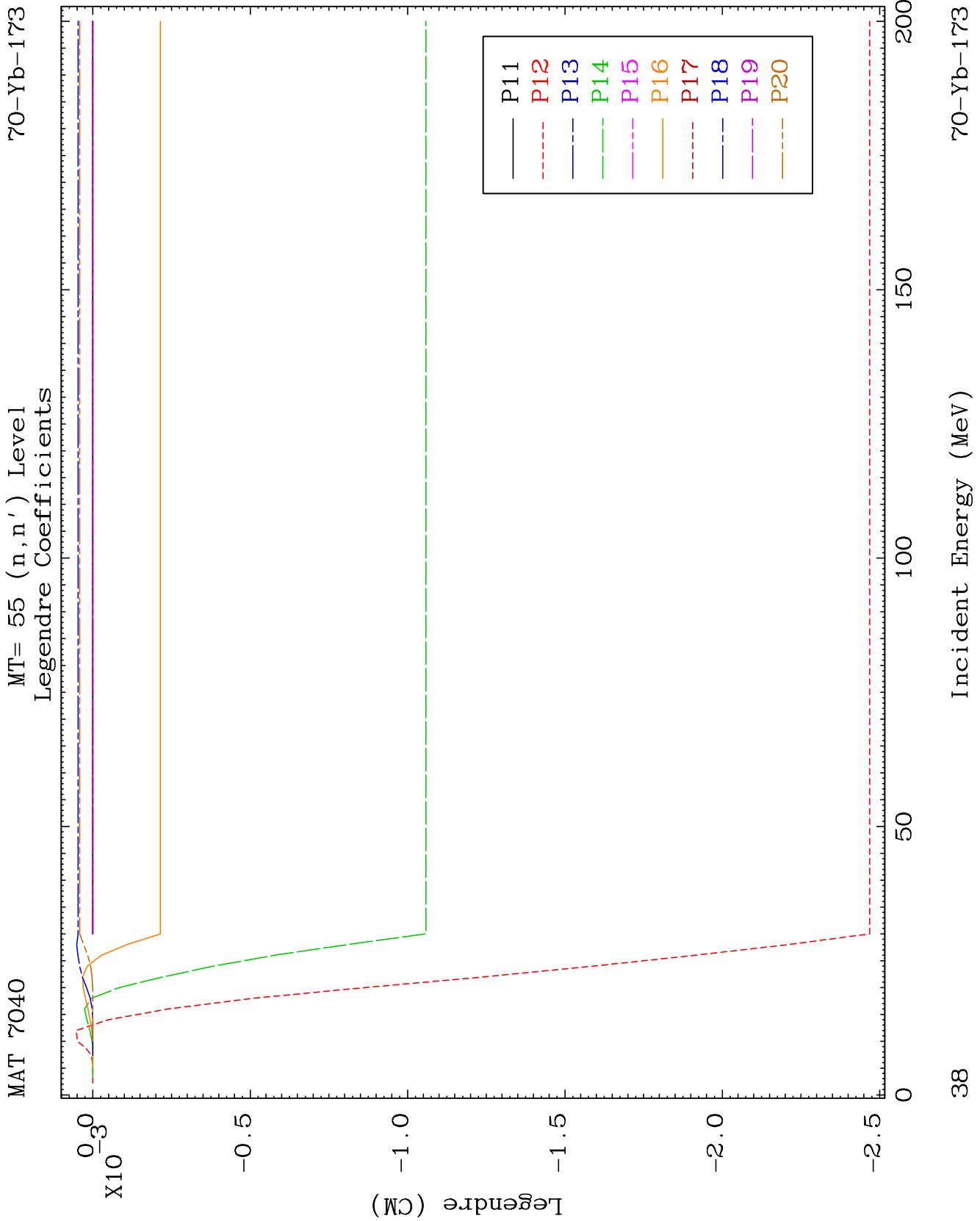
Incident Energy (MeV)

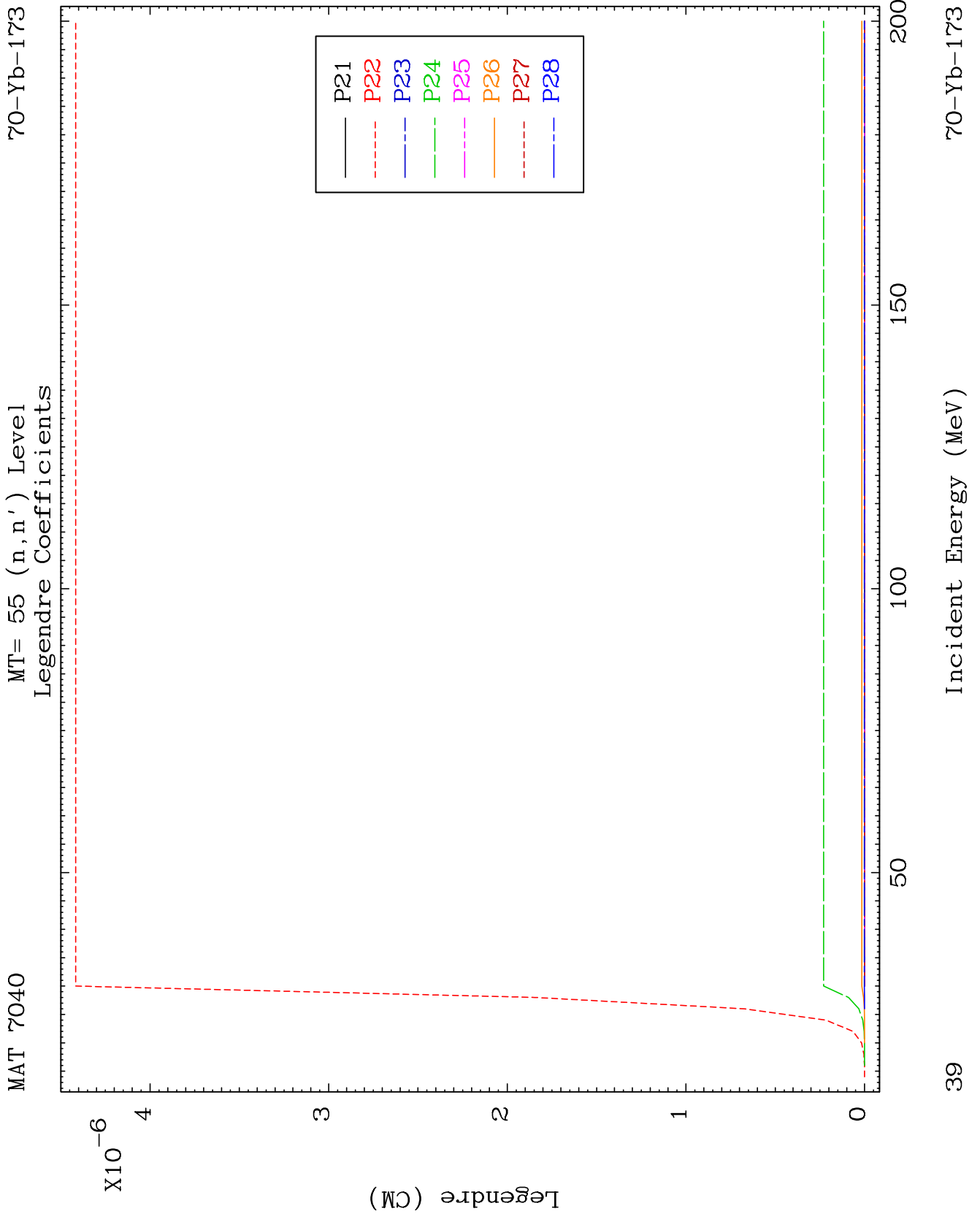
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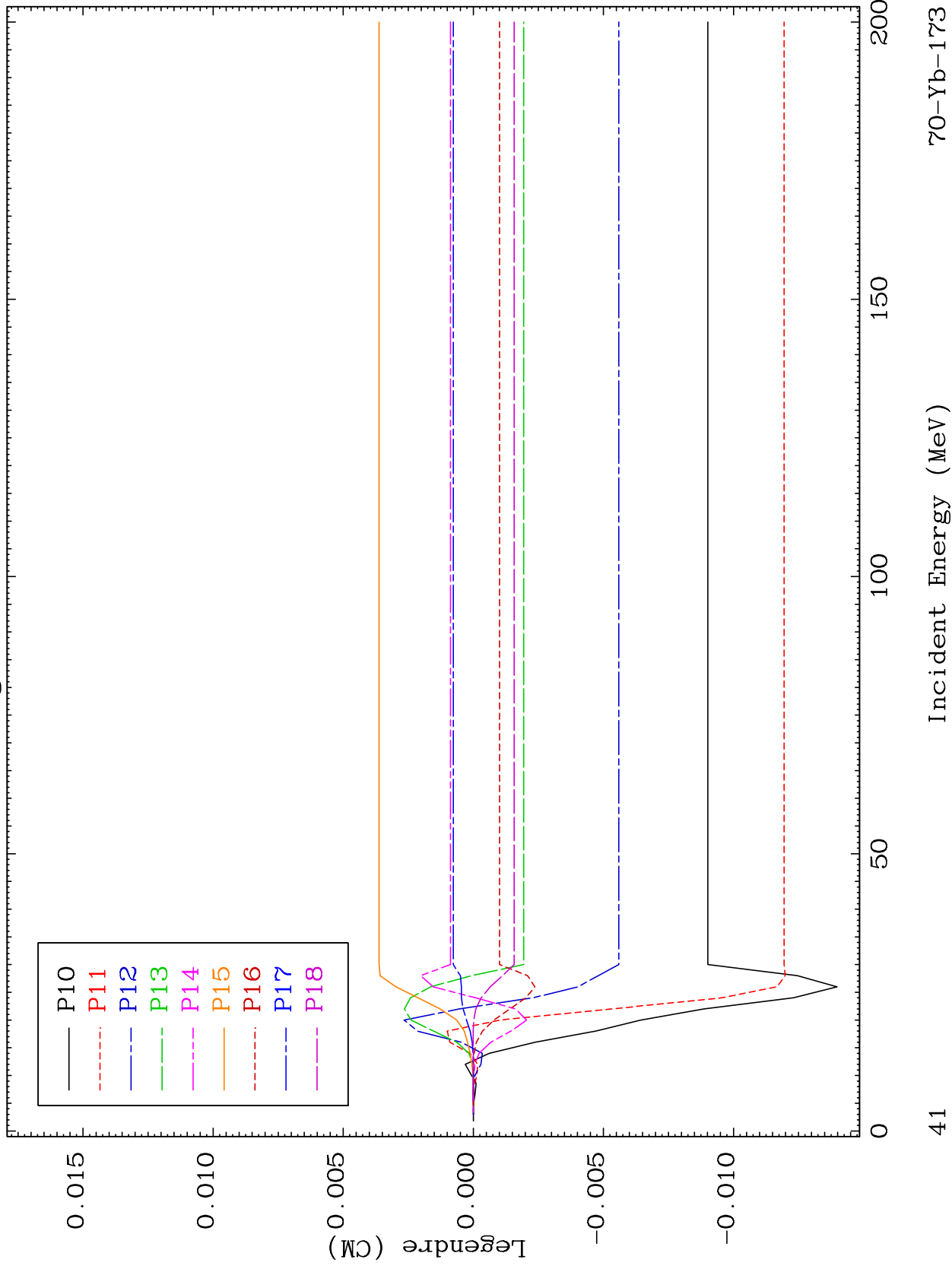




MAT 7040

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

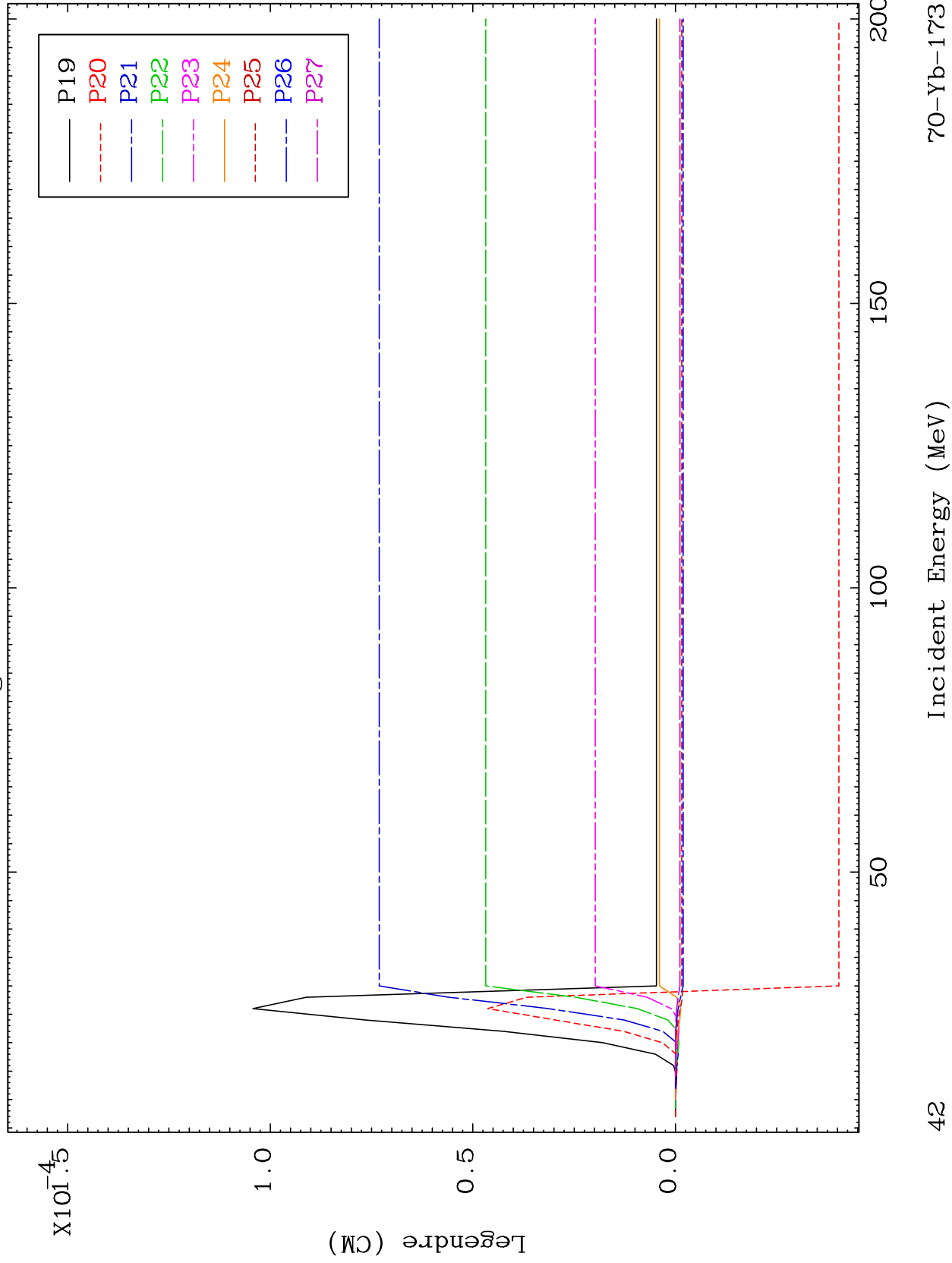
70-Yb-173



MAT 7040

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

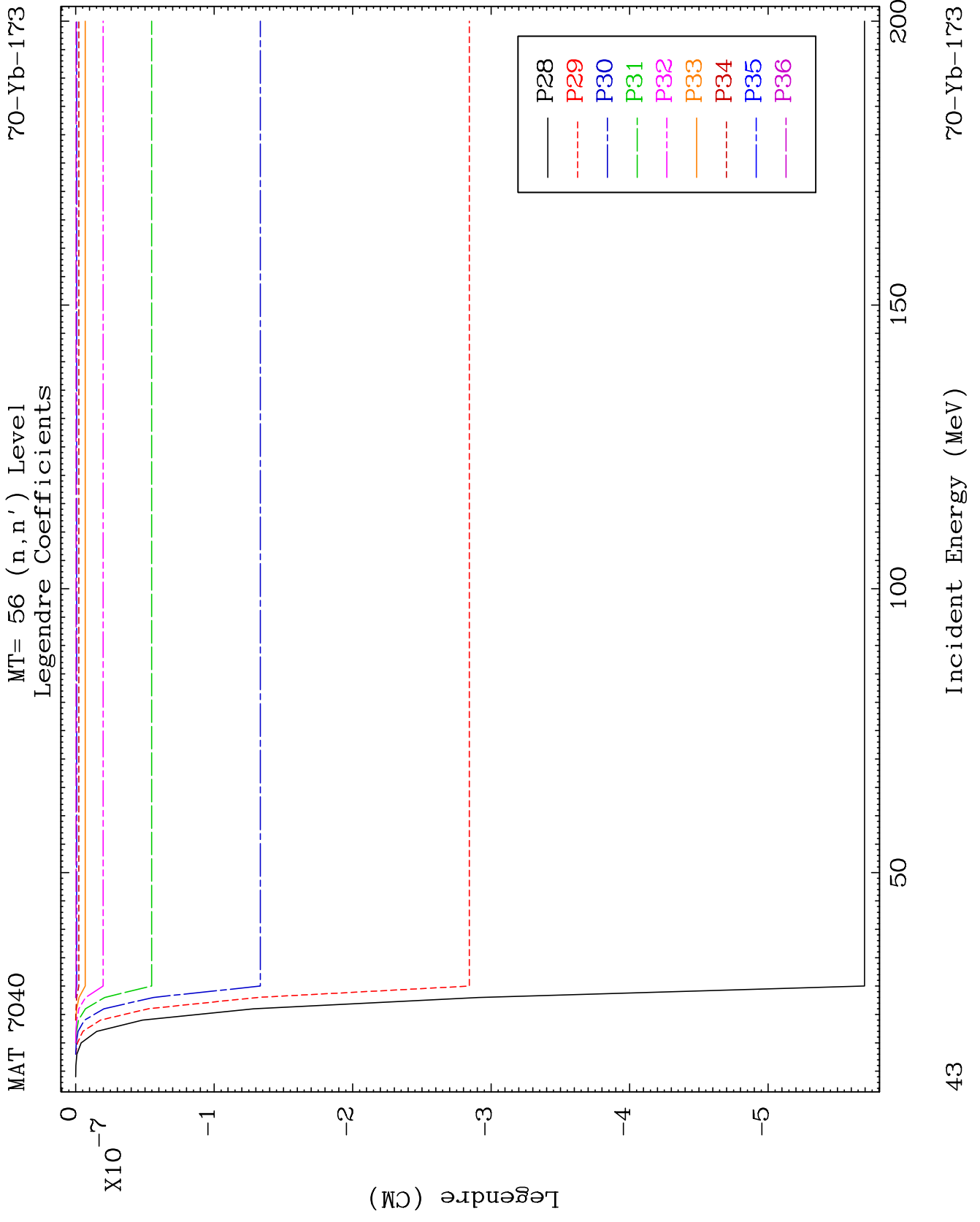
70-Yb-173



42

Incident Energy (MeV)

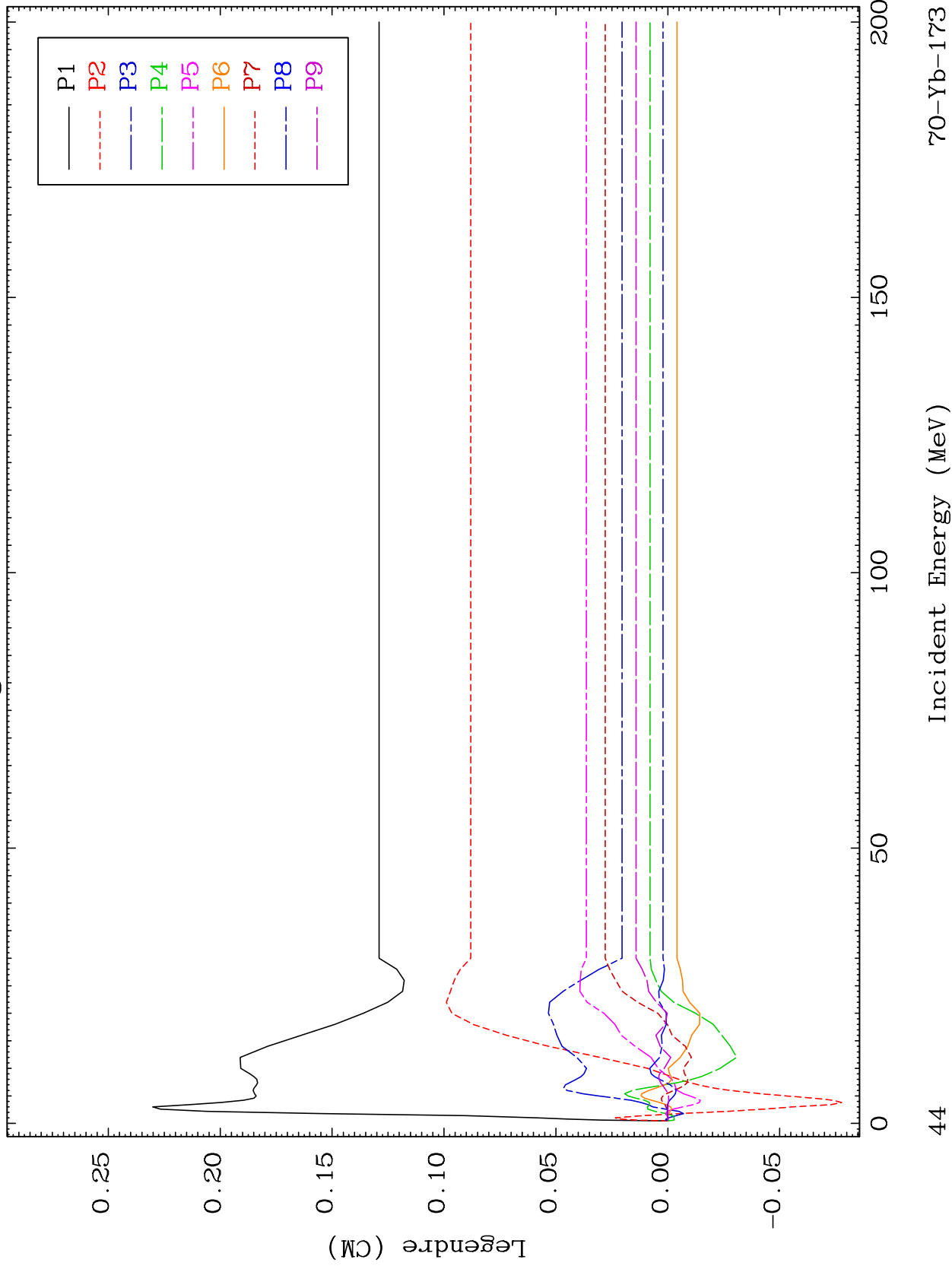
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MAT 7040

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

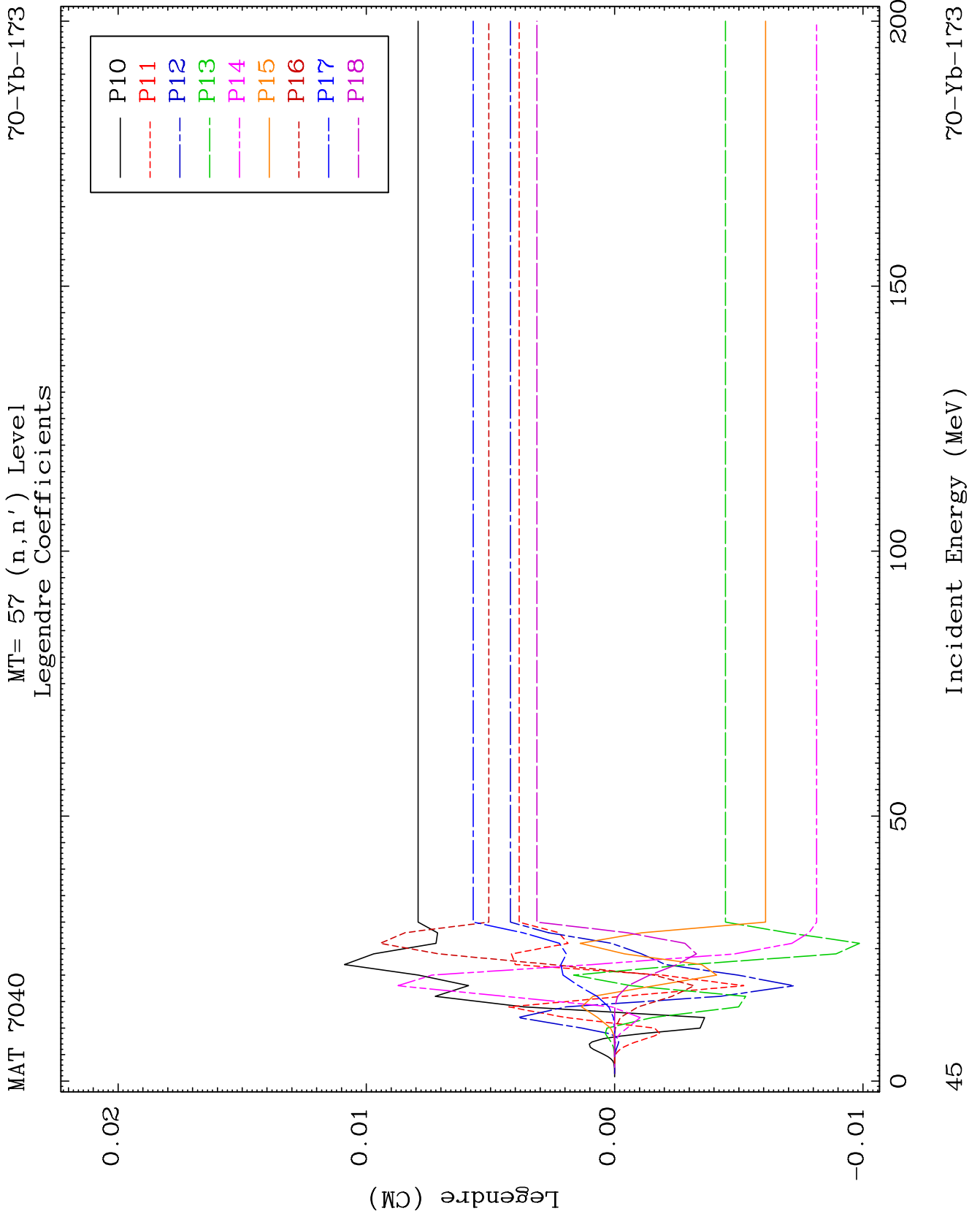
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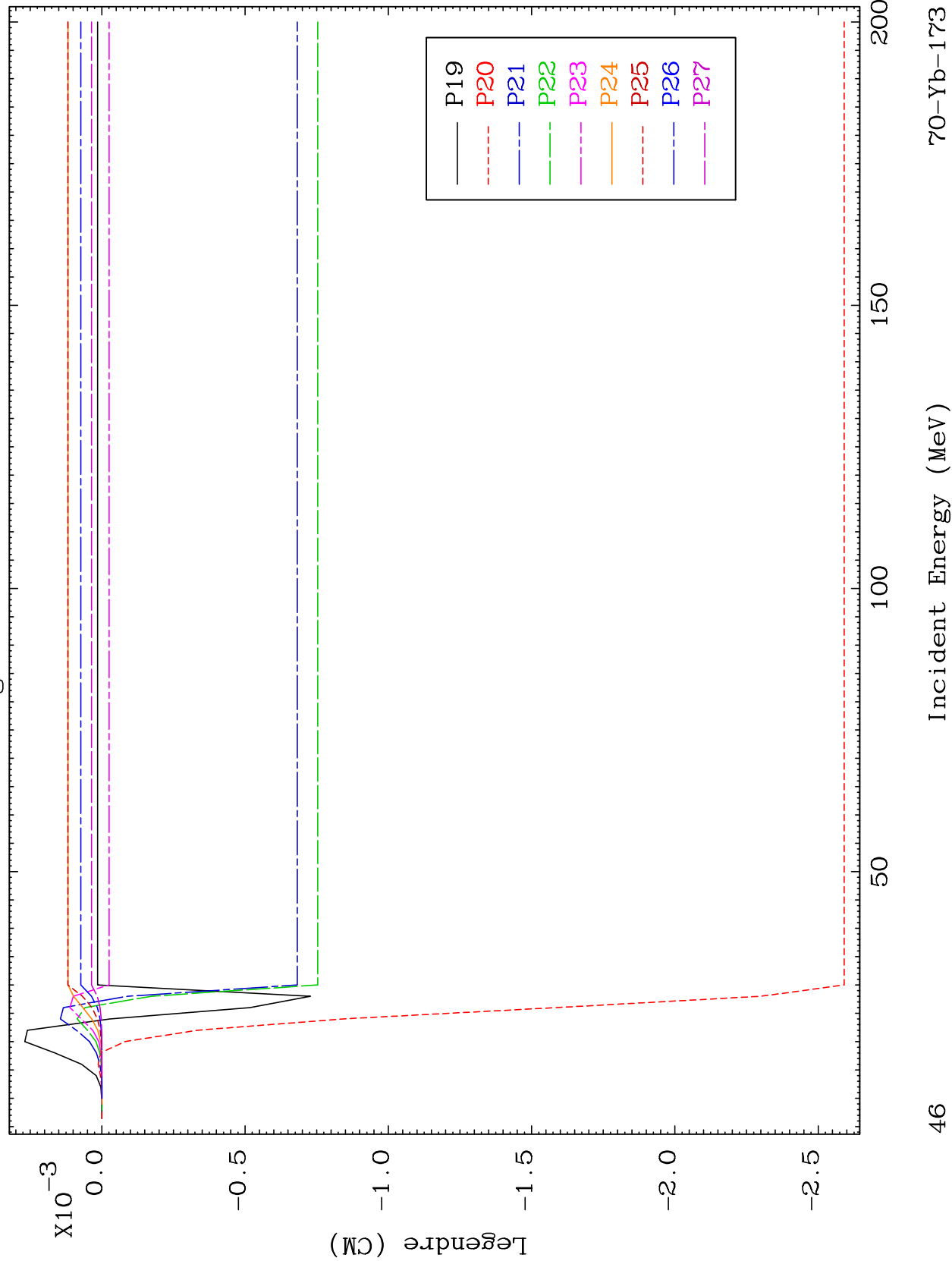


44

Incident Energy (MeV)

70-Yb-173

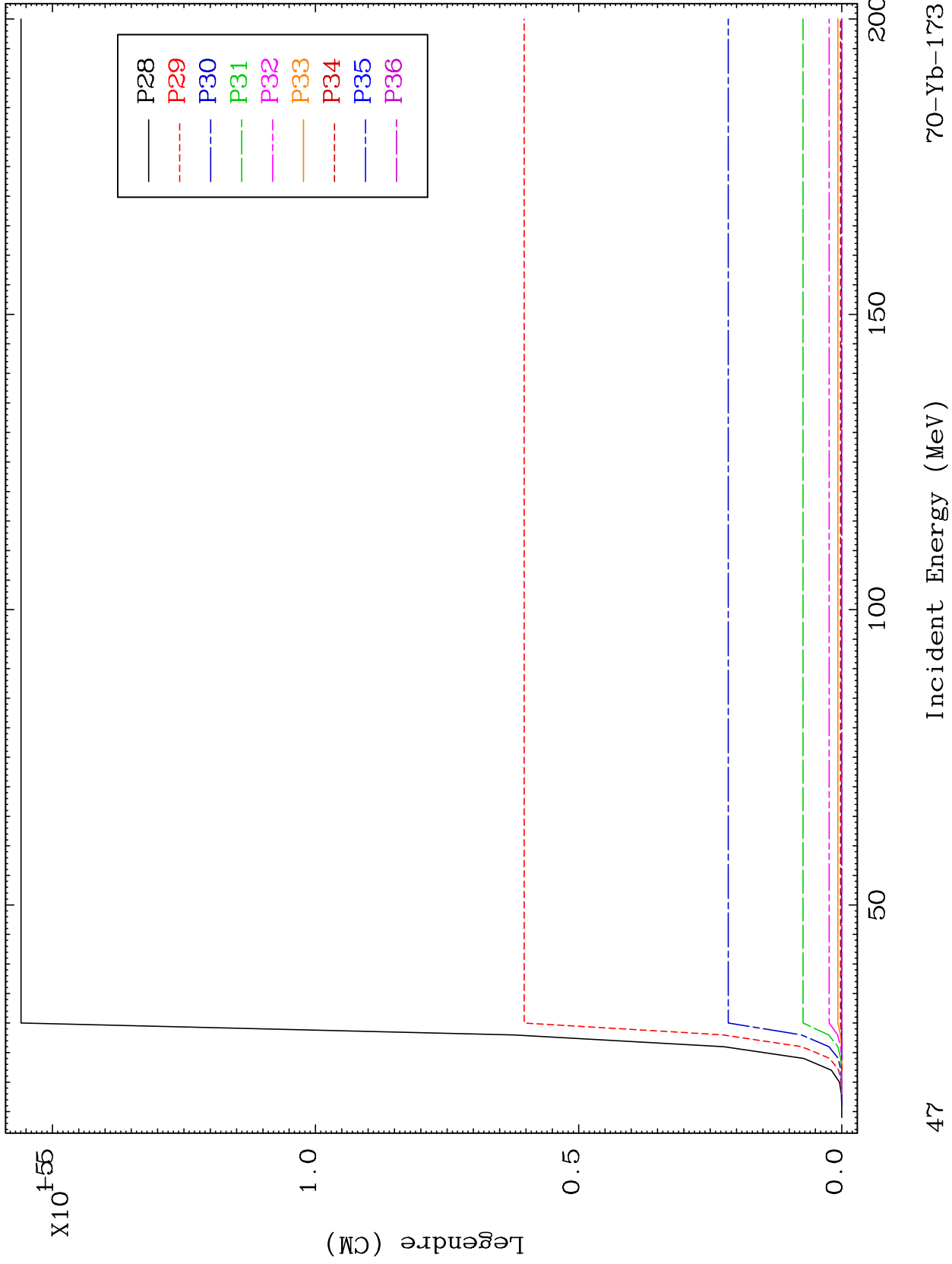


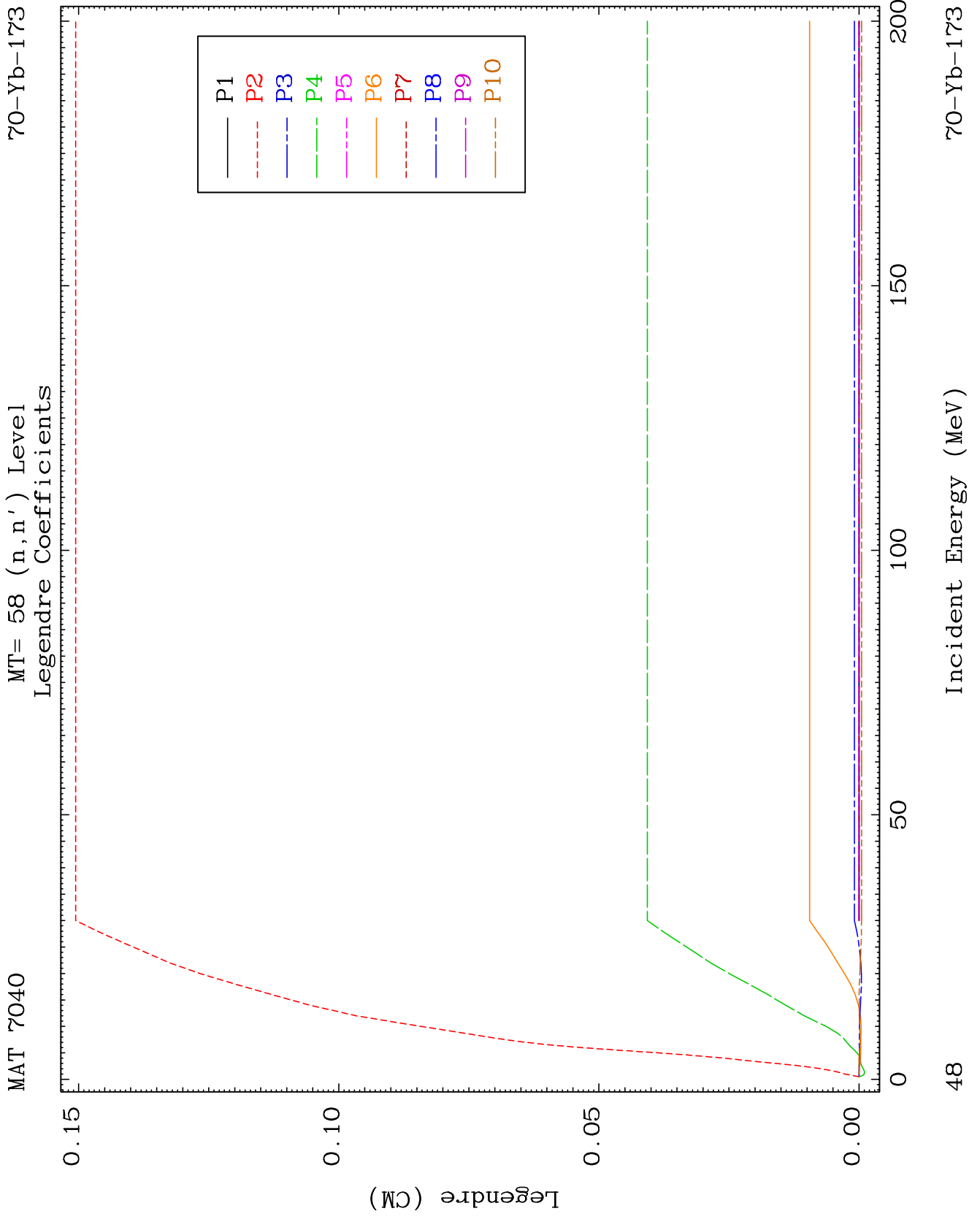


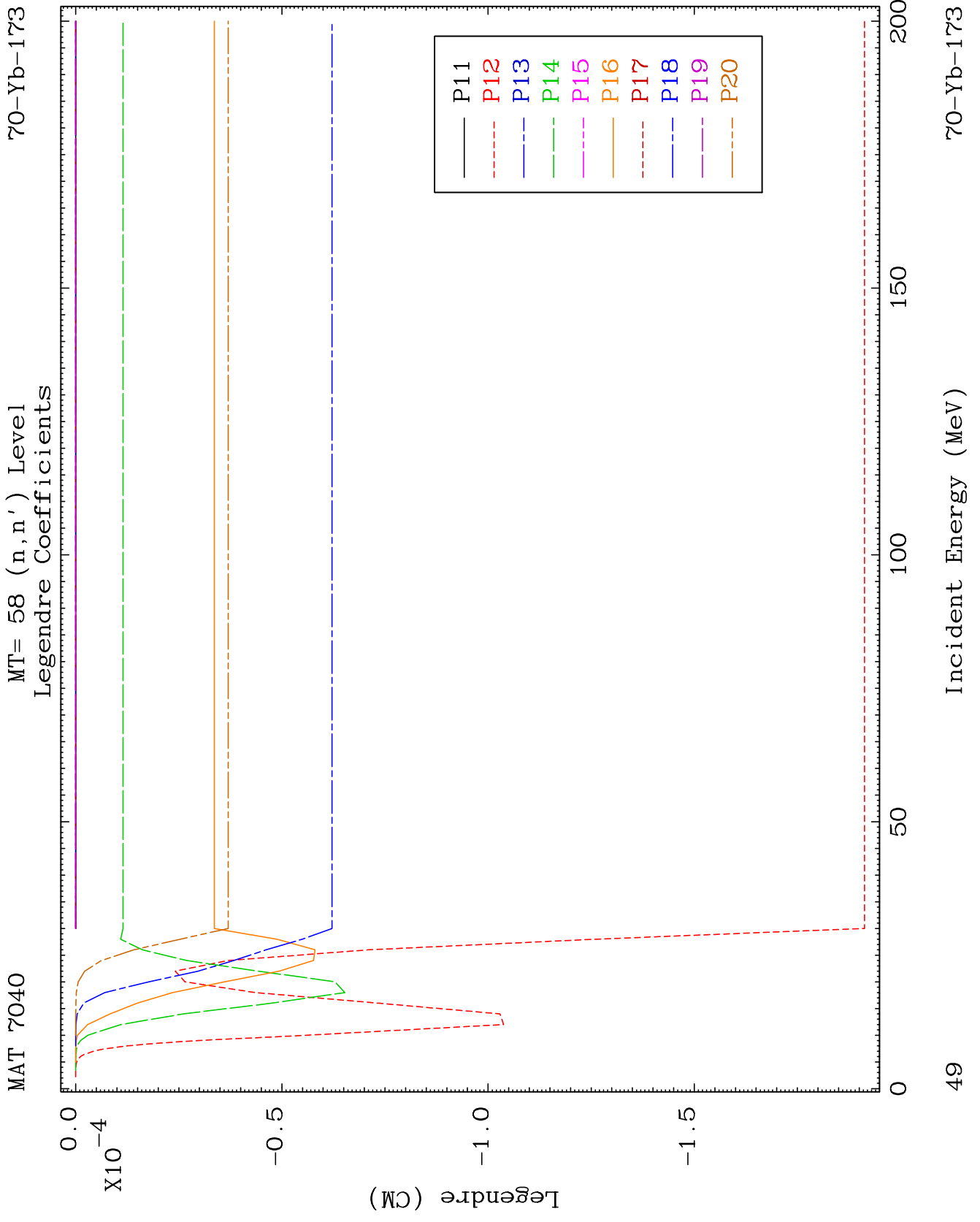
MAT 7040

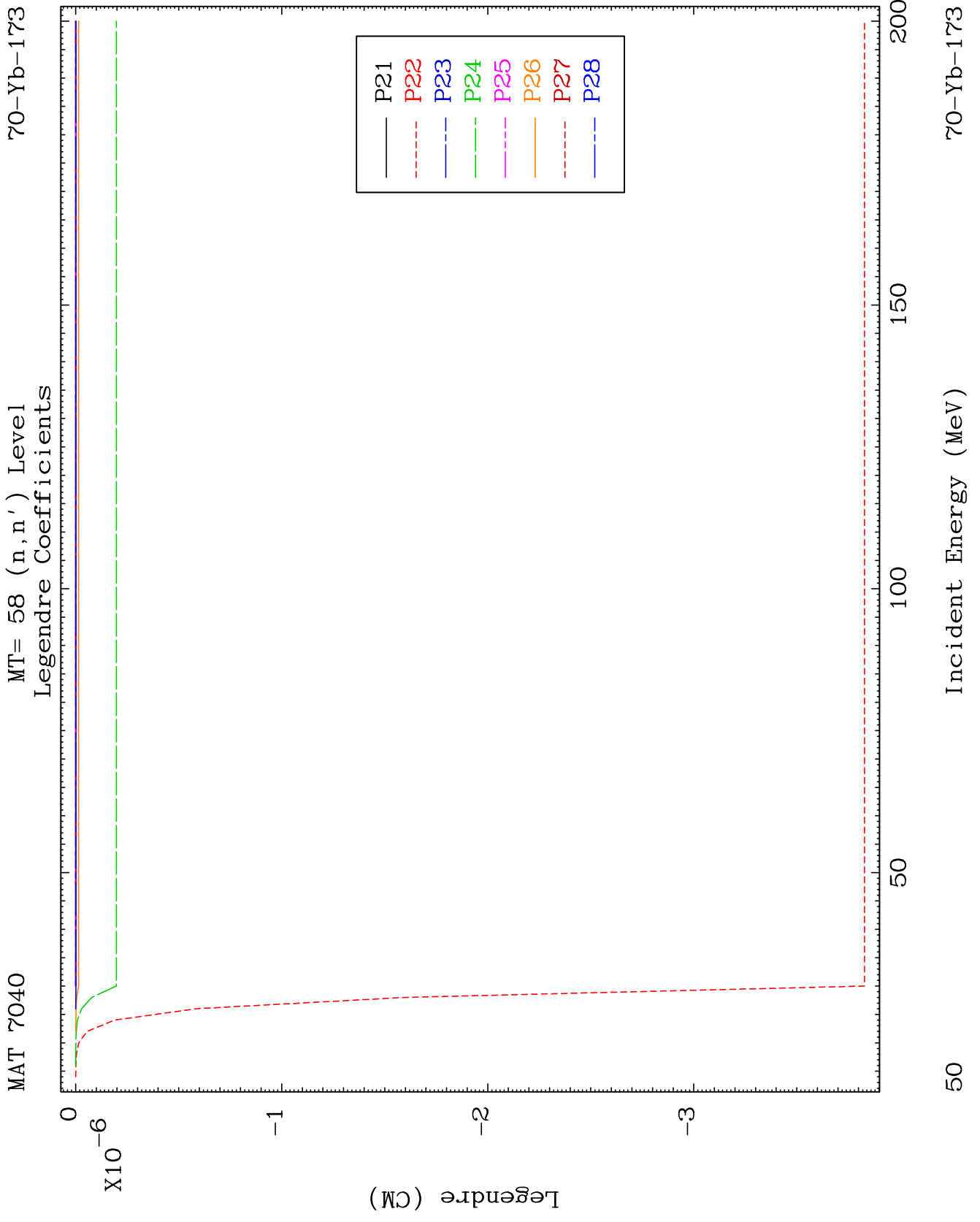
MT= 57 (n,n') Level
Legendre Coefficients

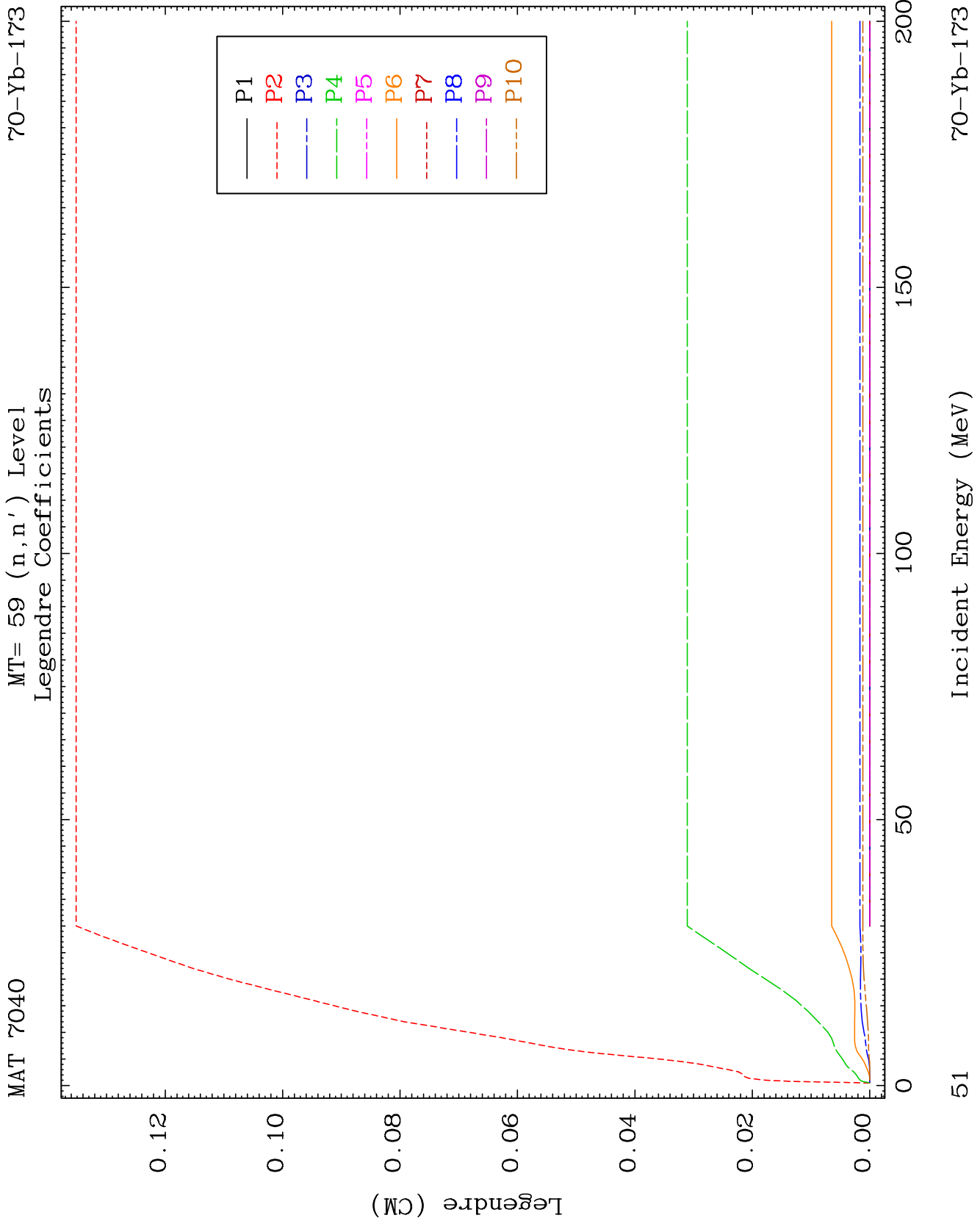
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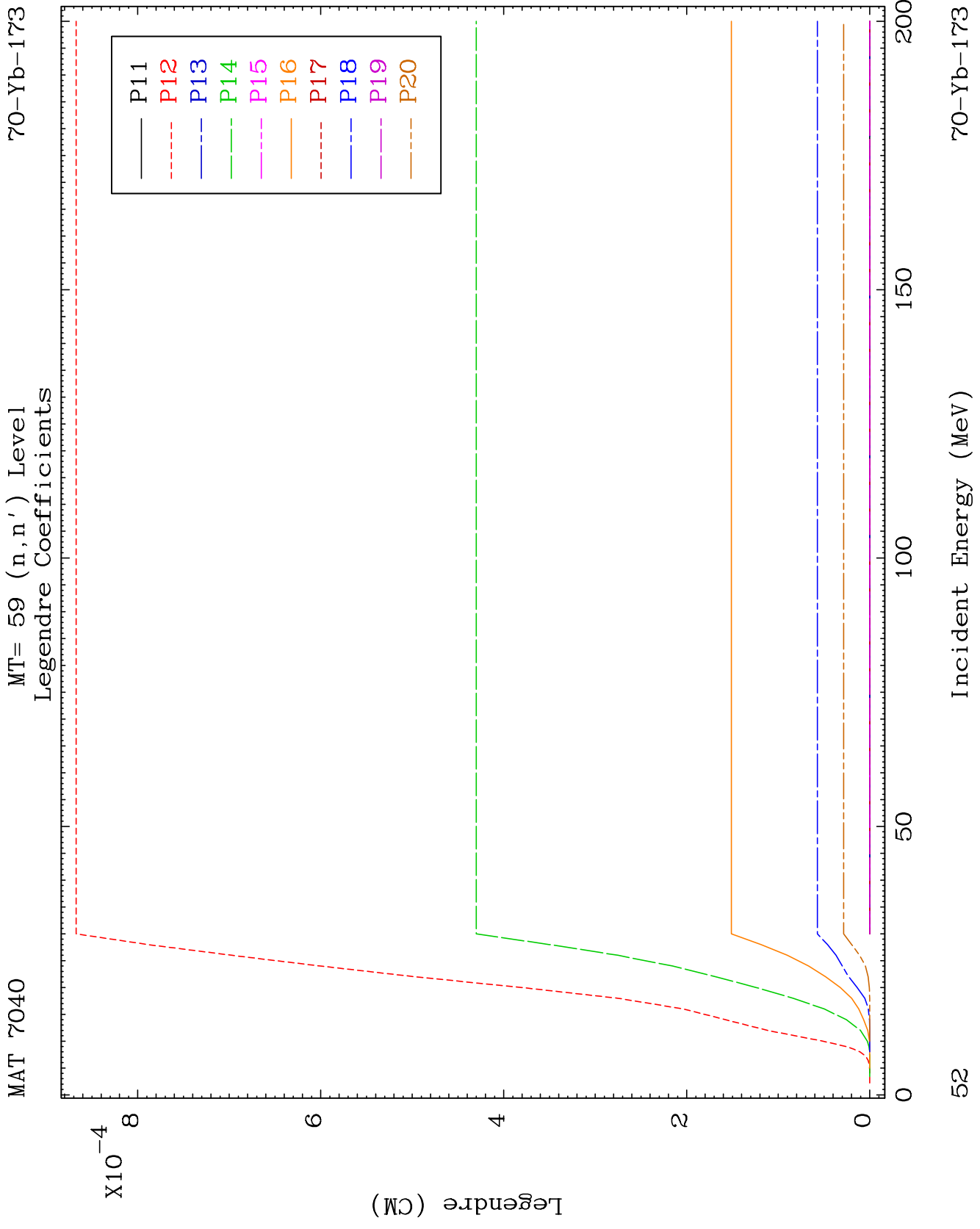


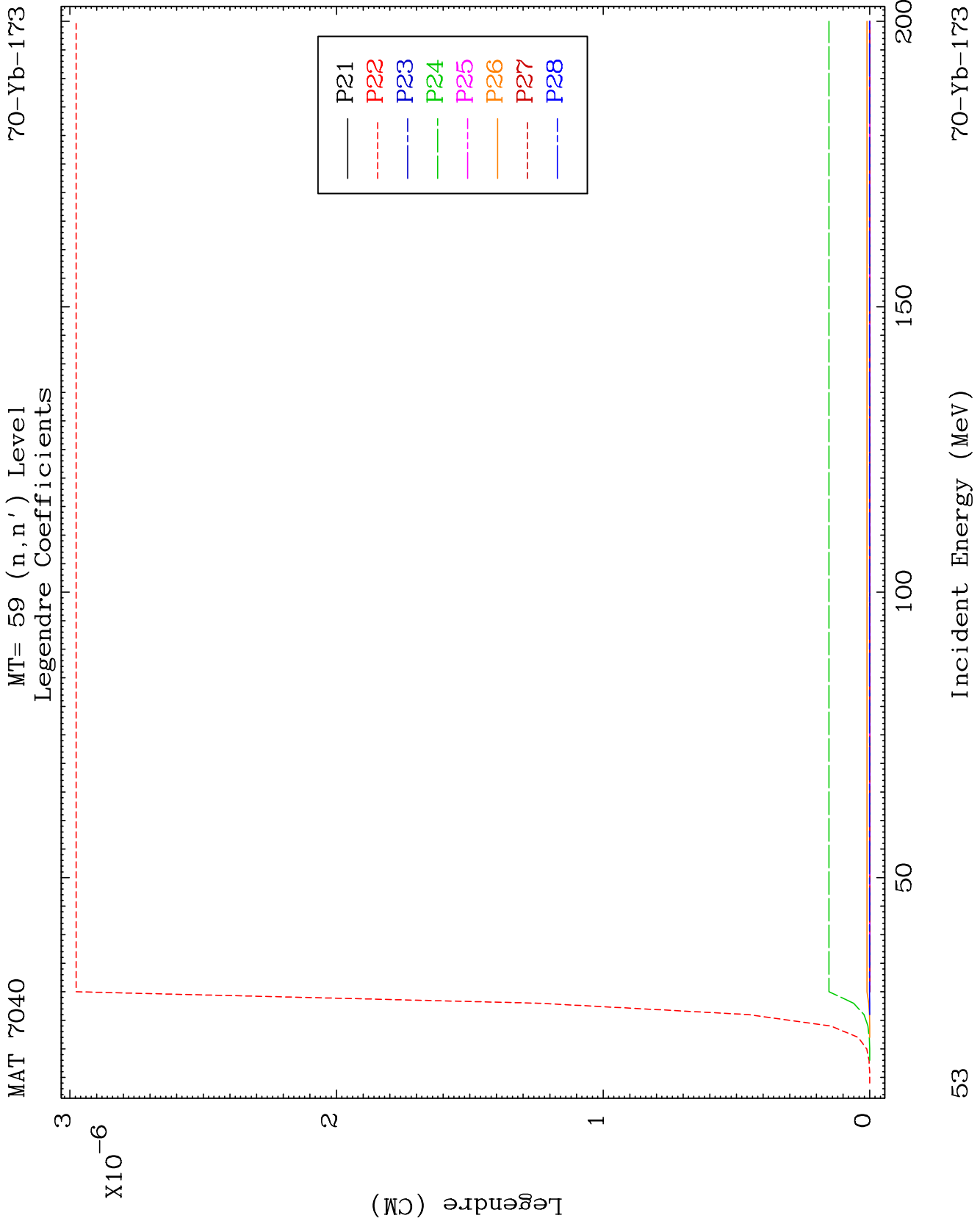


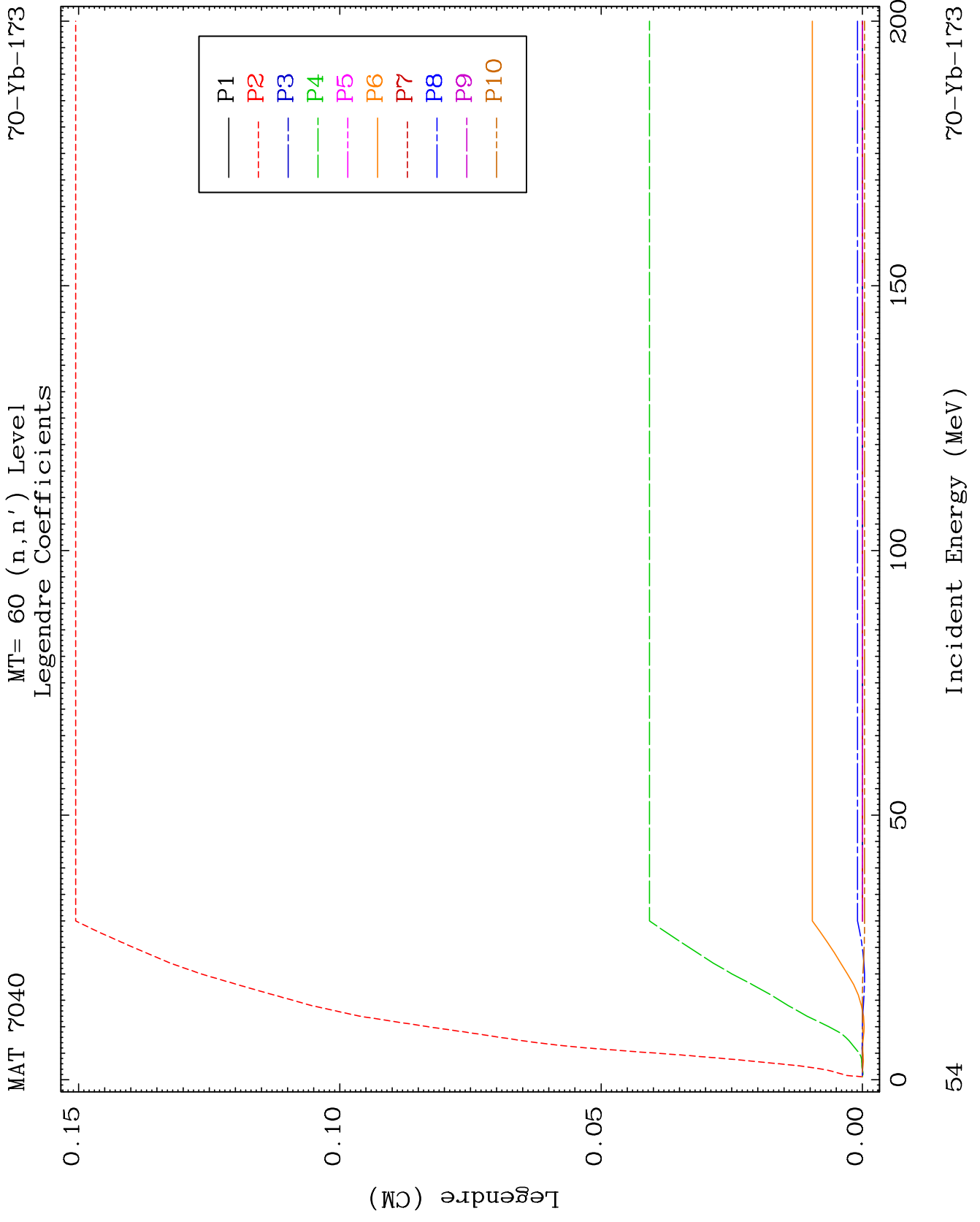


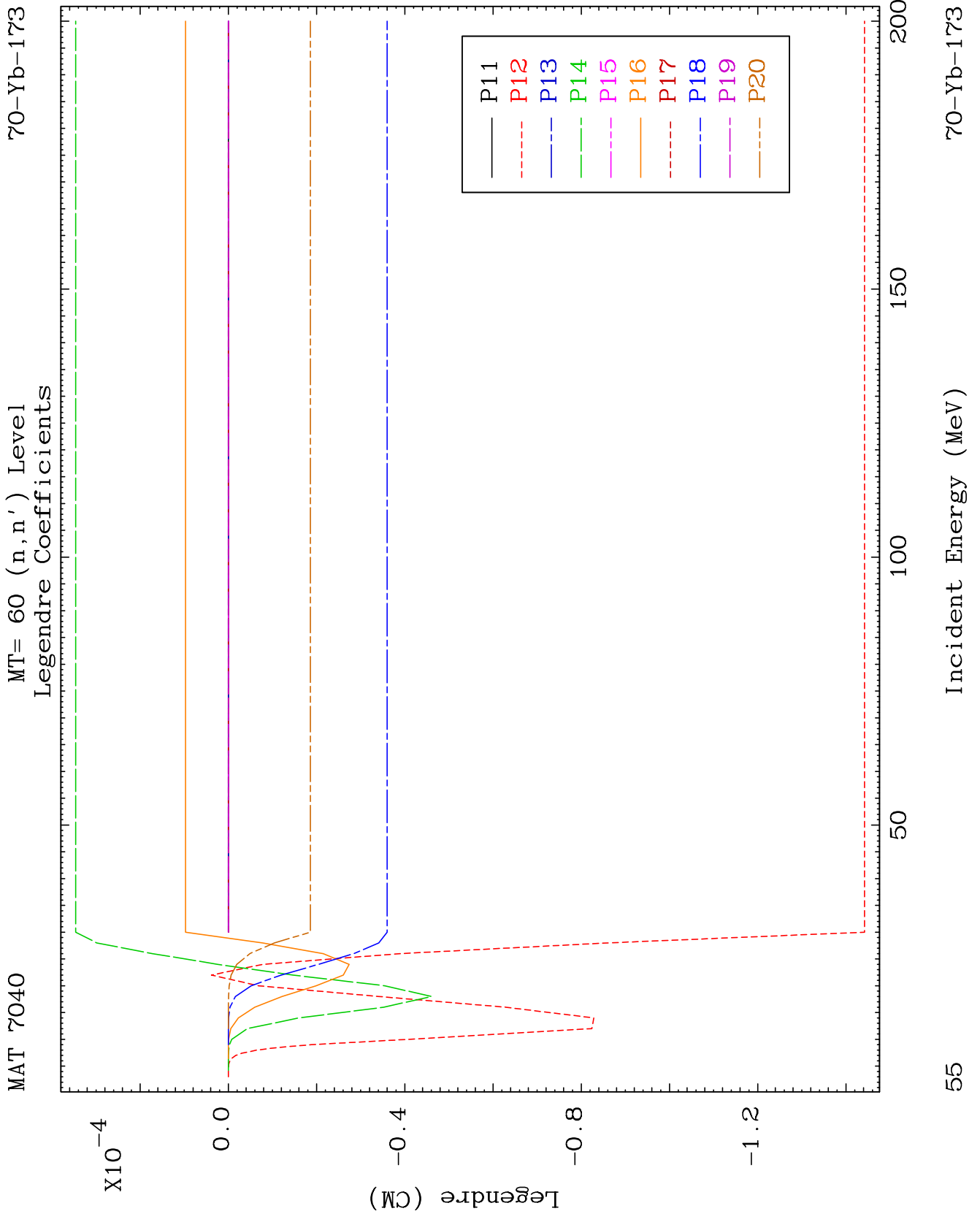


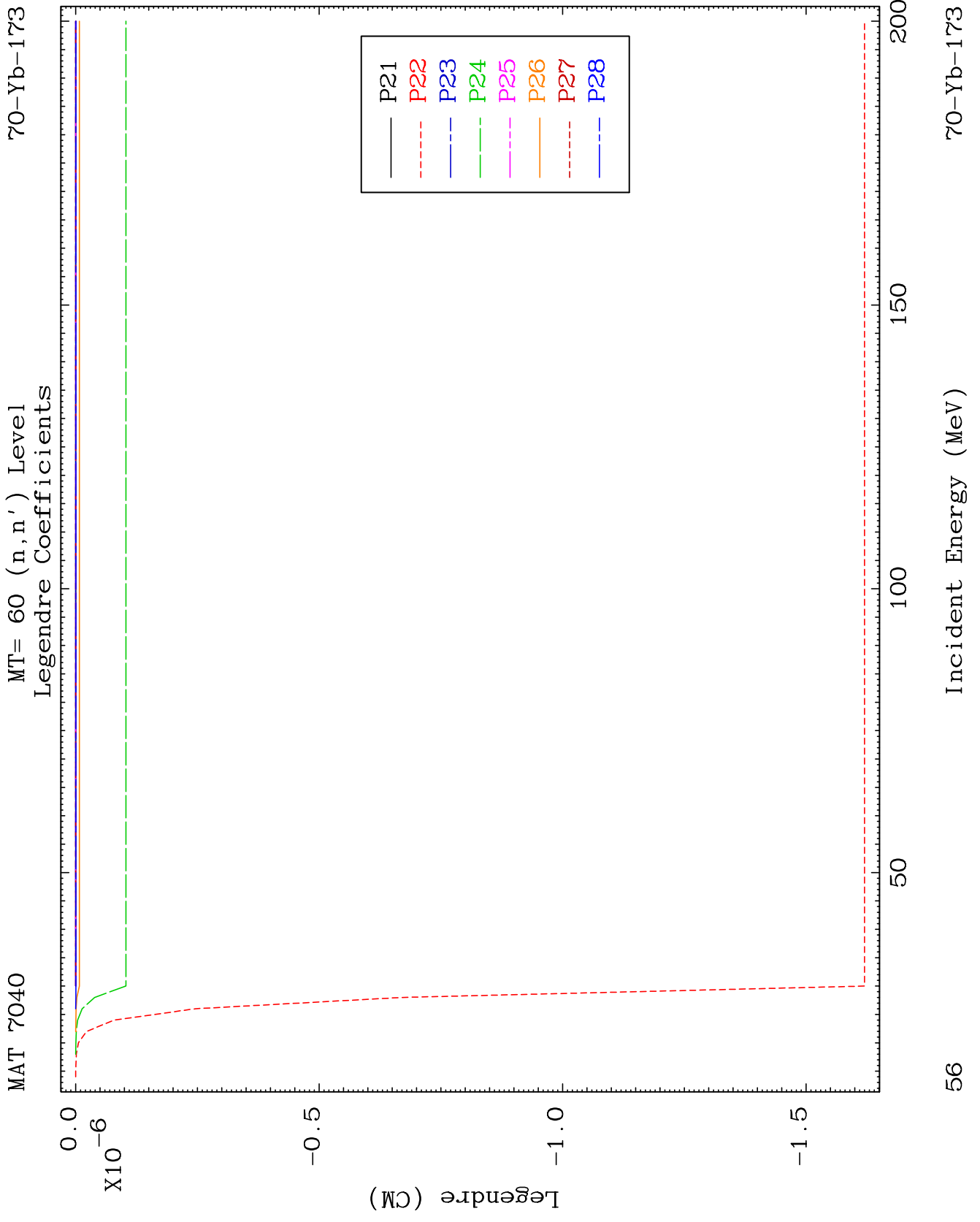








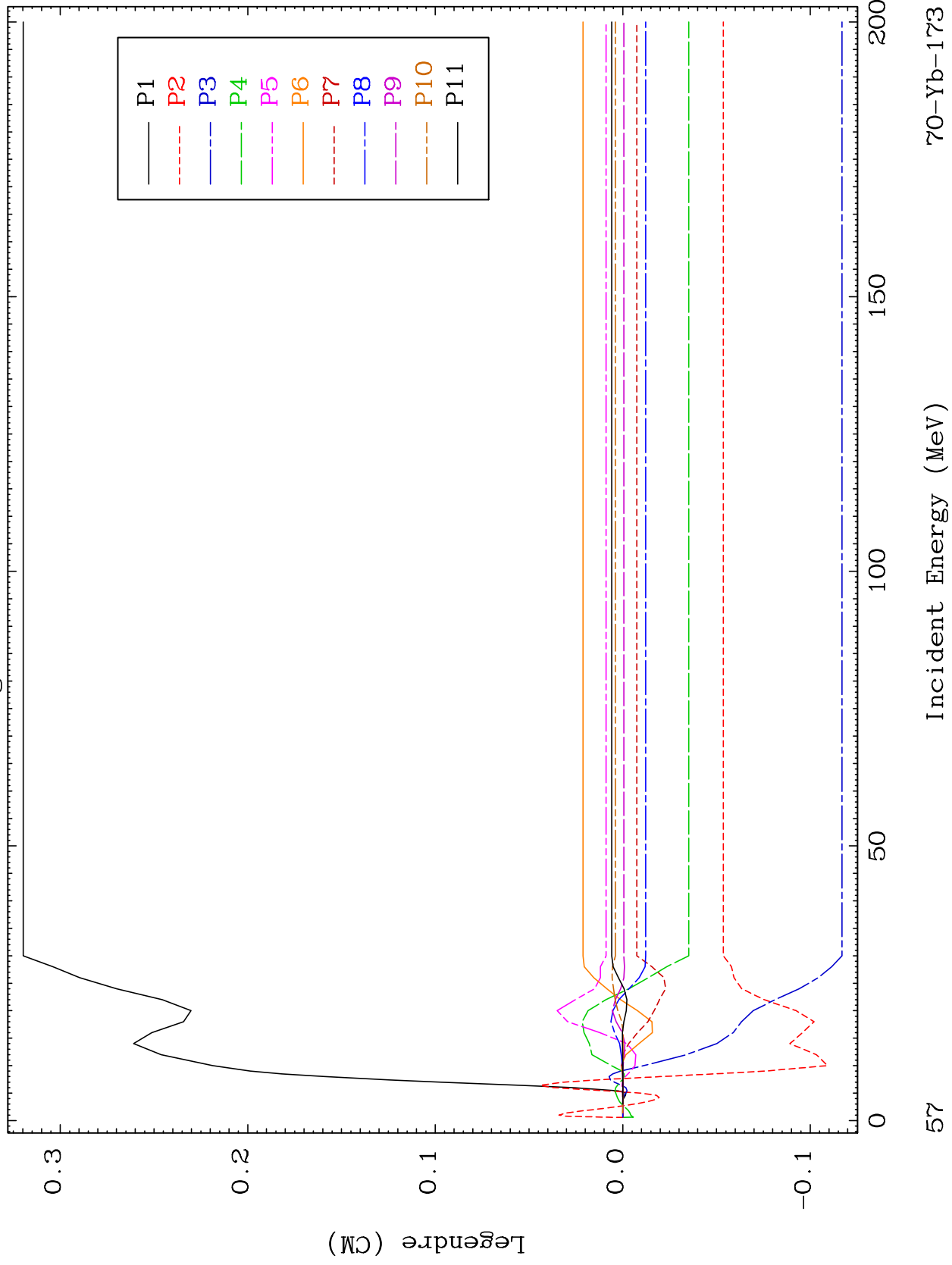




MAT 7040

MT= 61 (n,n') Level
Legendre Coefficients

70-Yb-173



70-Yb-173

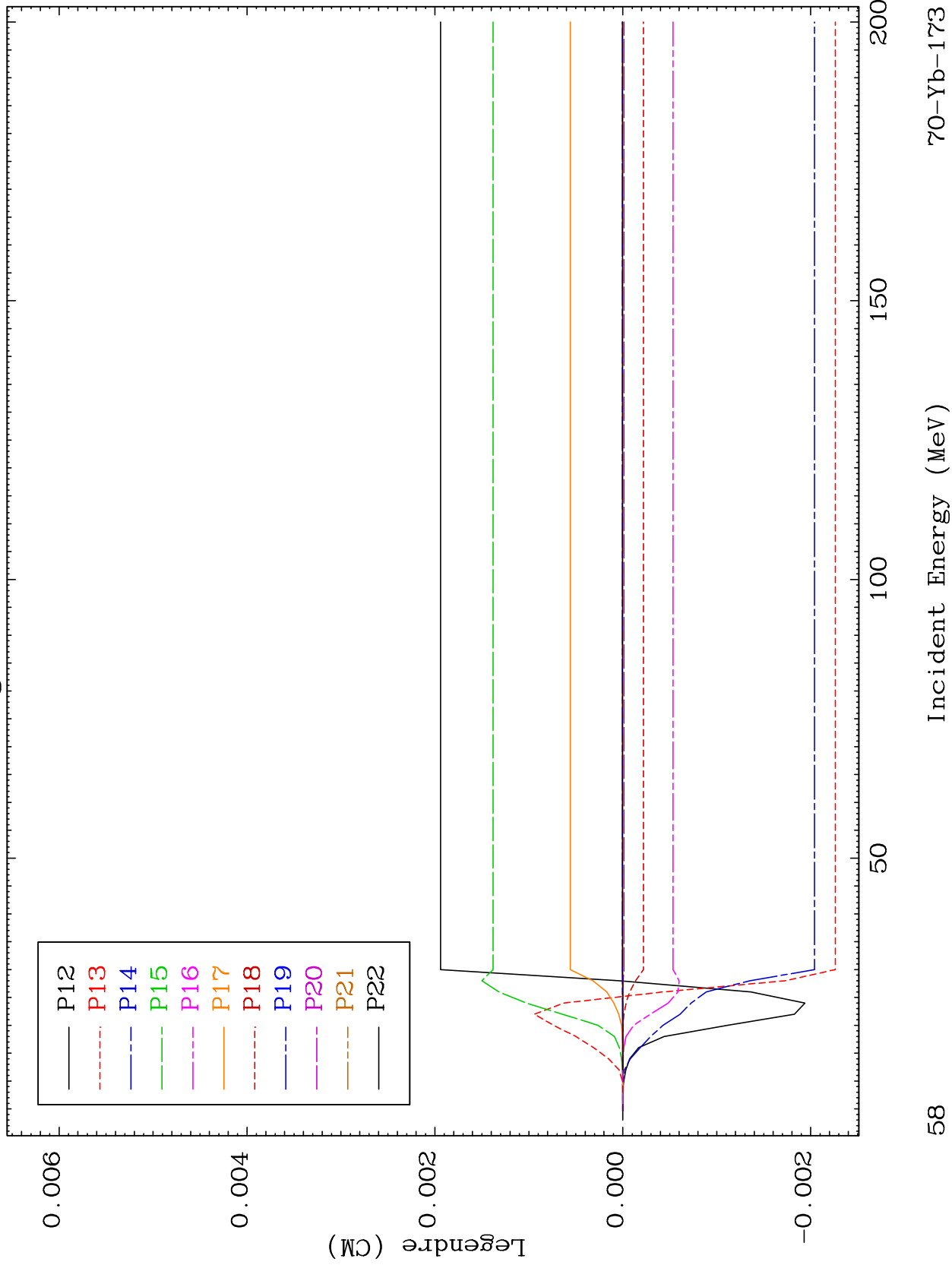
Incident Energy (MeV)

57

MAT 7040

MT= 61 (n,n') Level
Legendre Coefficients

70-Yb-173



58

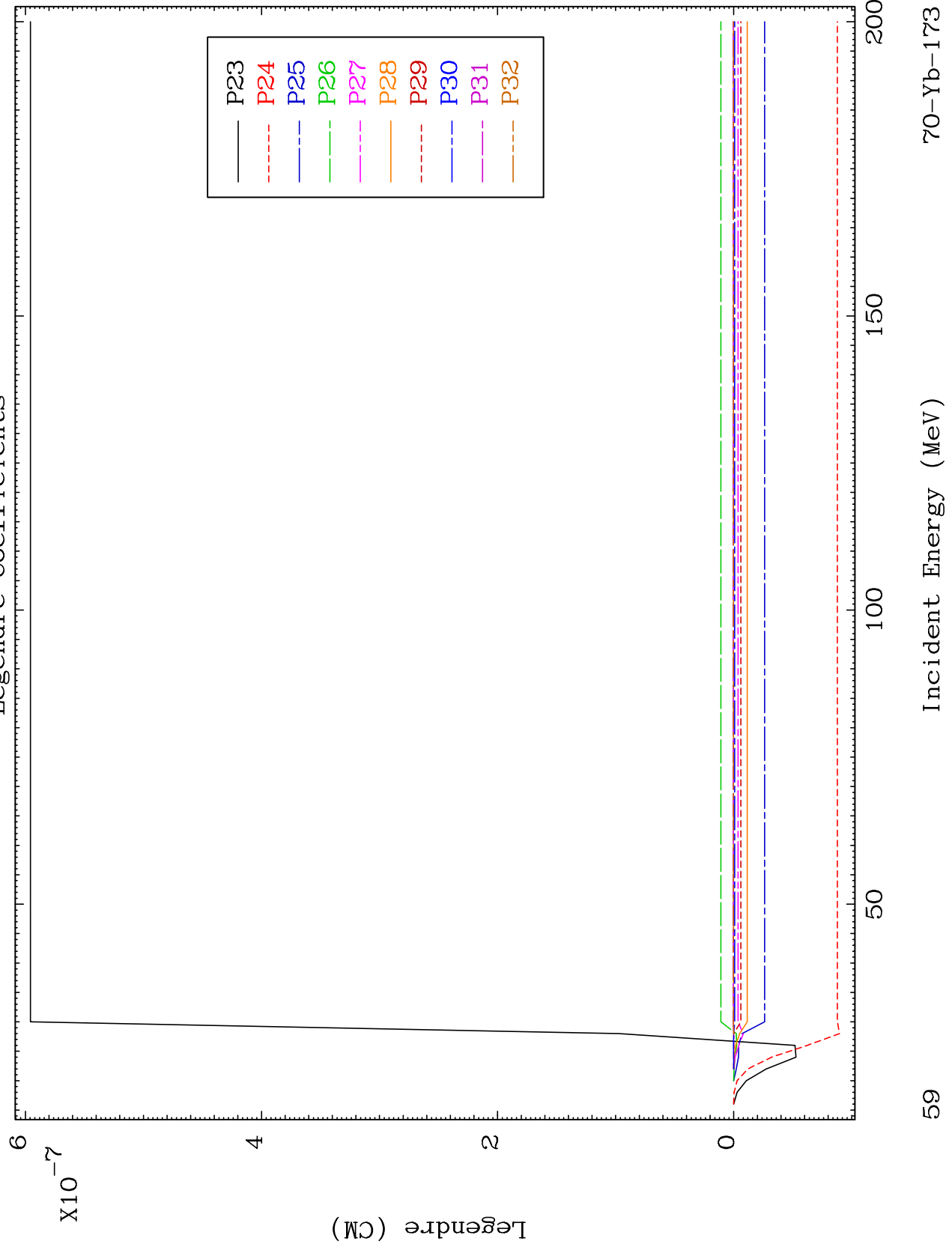
Incident Energy (MeV)

70-Yb-173

MAT 7040

MT= 61 (n,n') Level
Legendre Coefficients

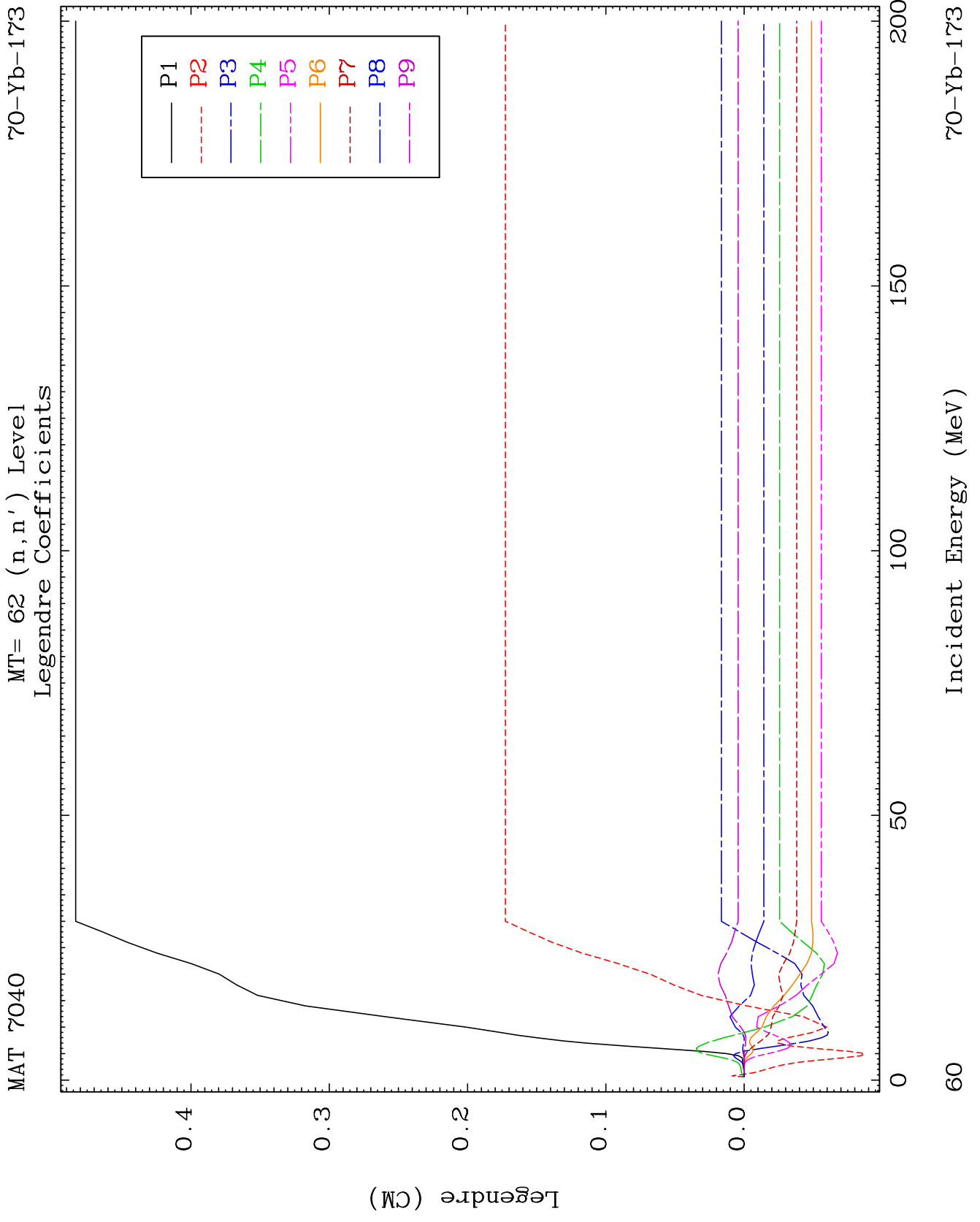
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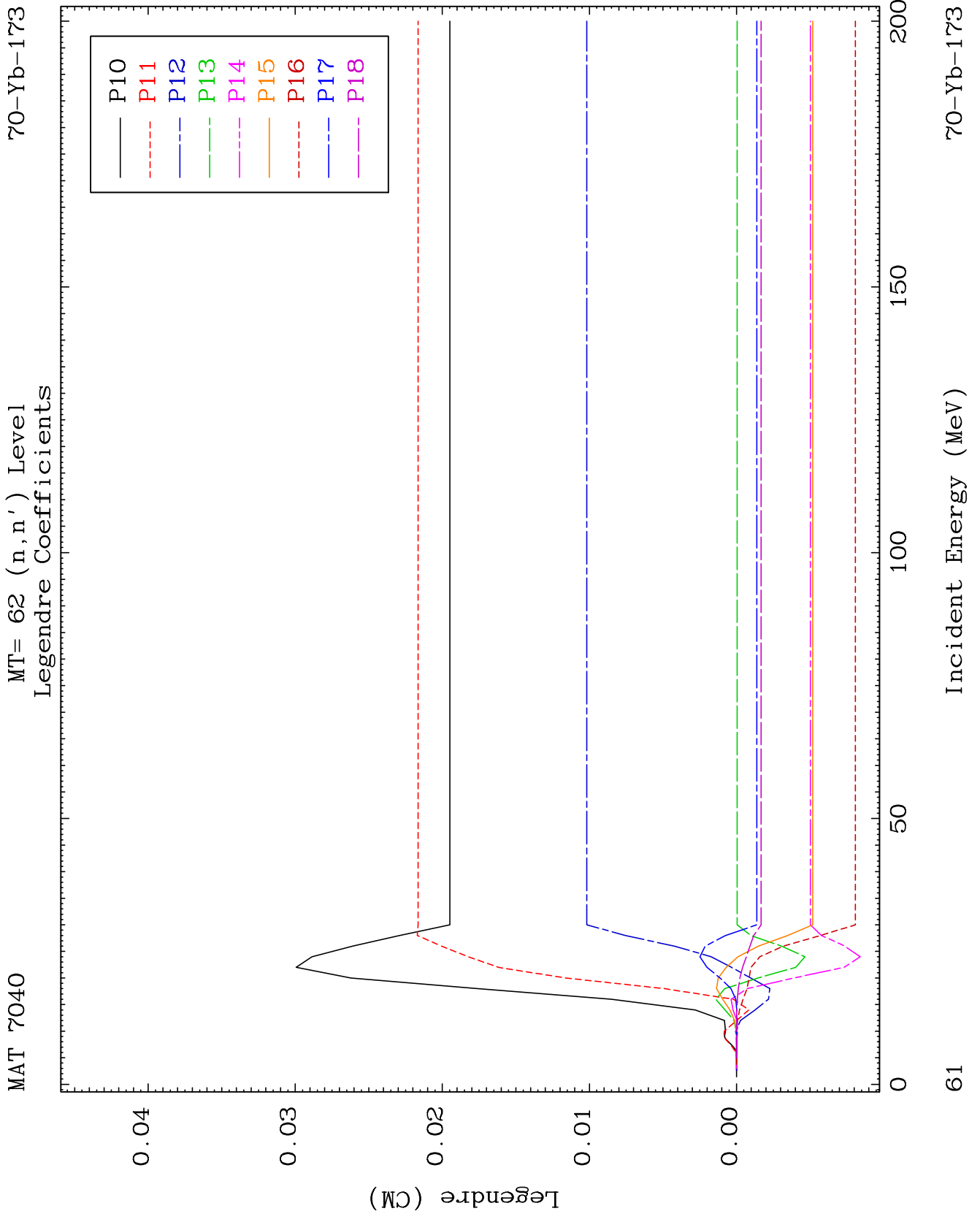


59

Incident Energy (MeV)

70-Yb-173

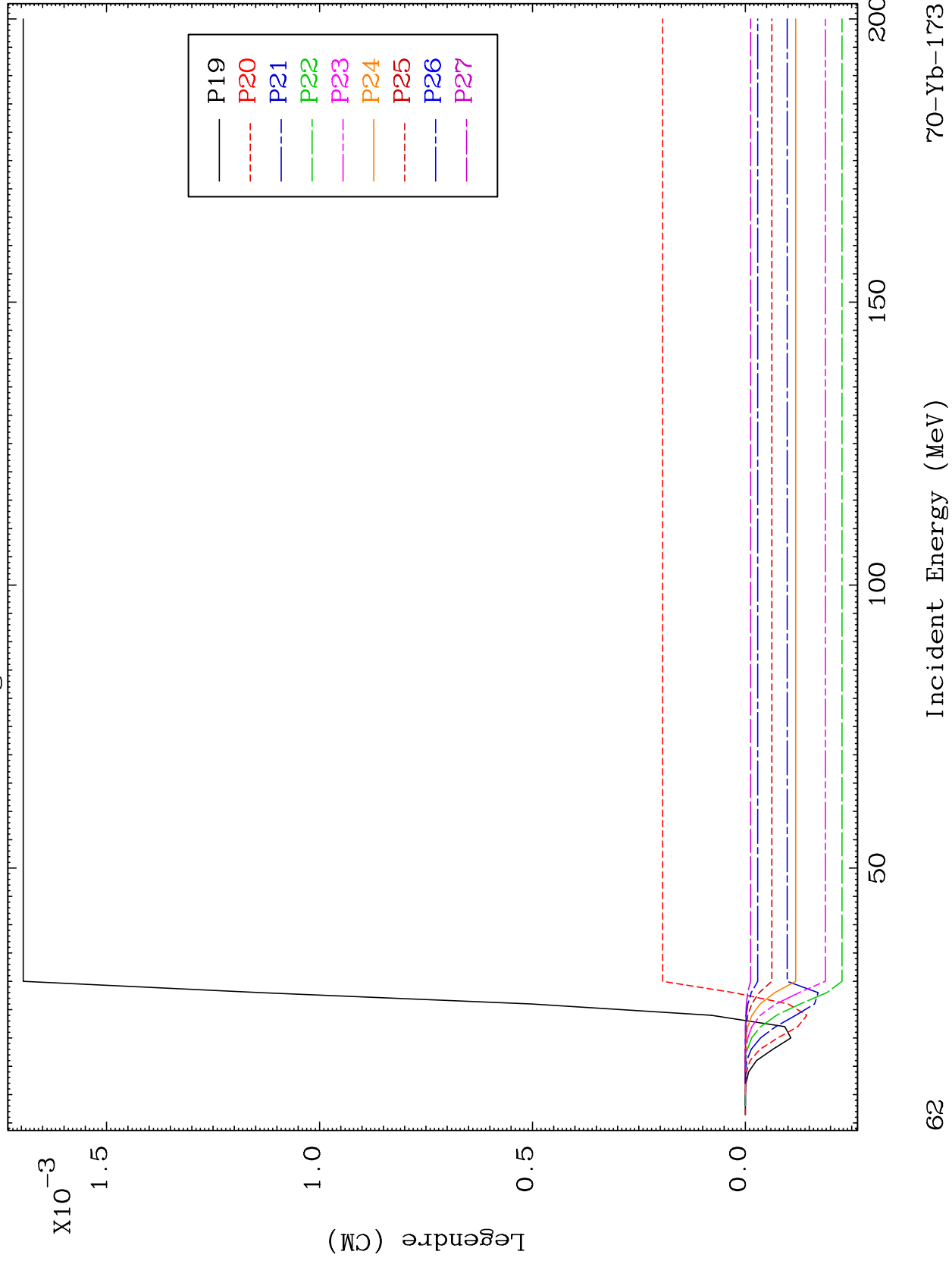




MAT 7040

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

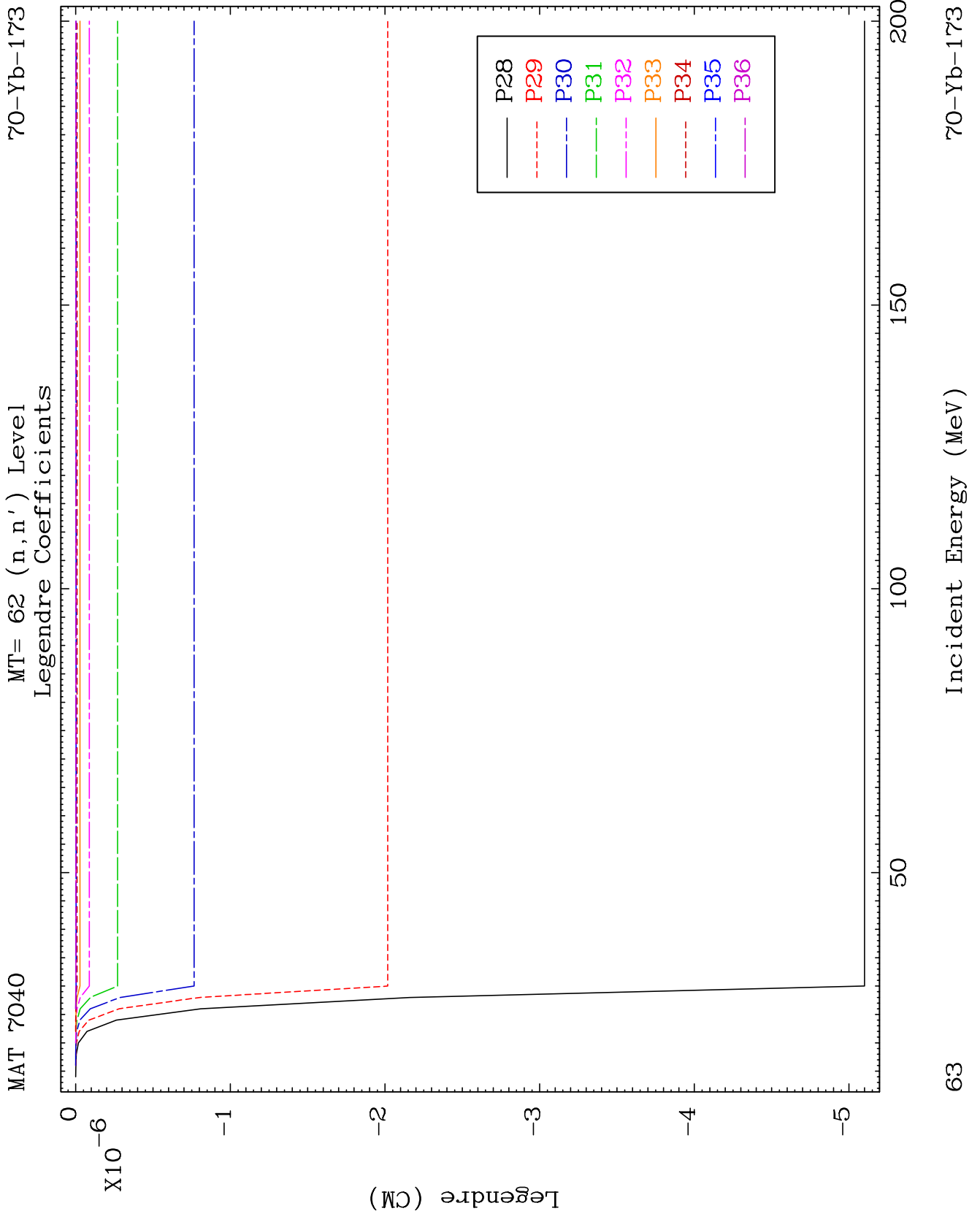
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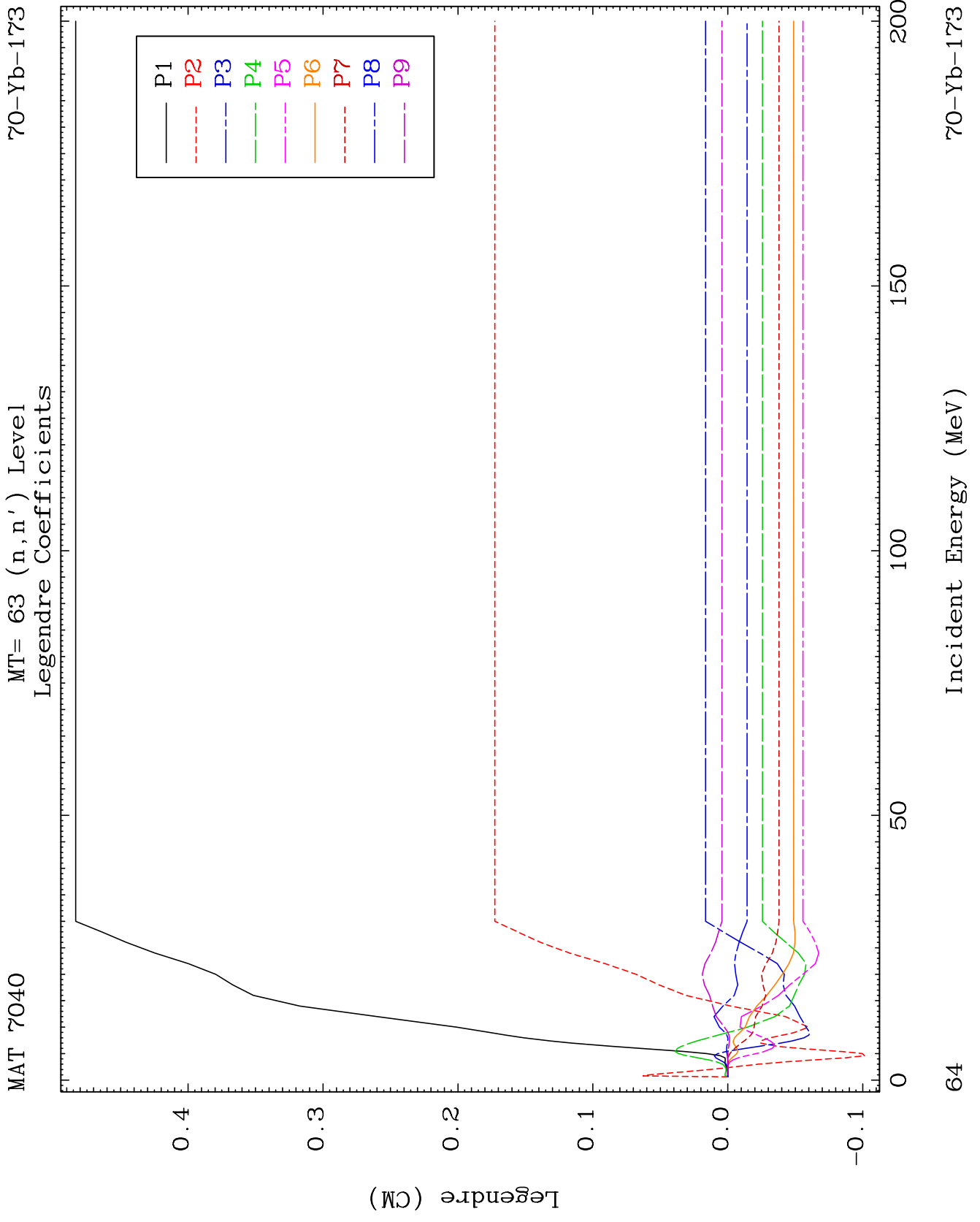


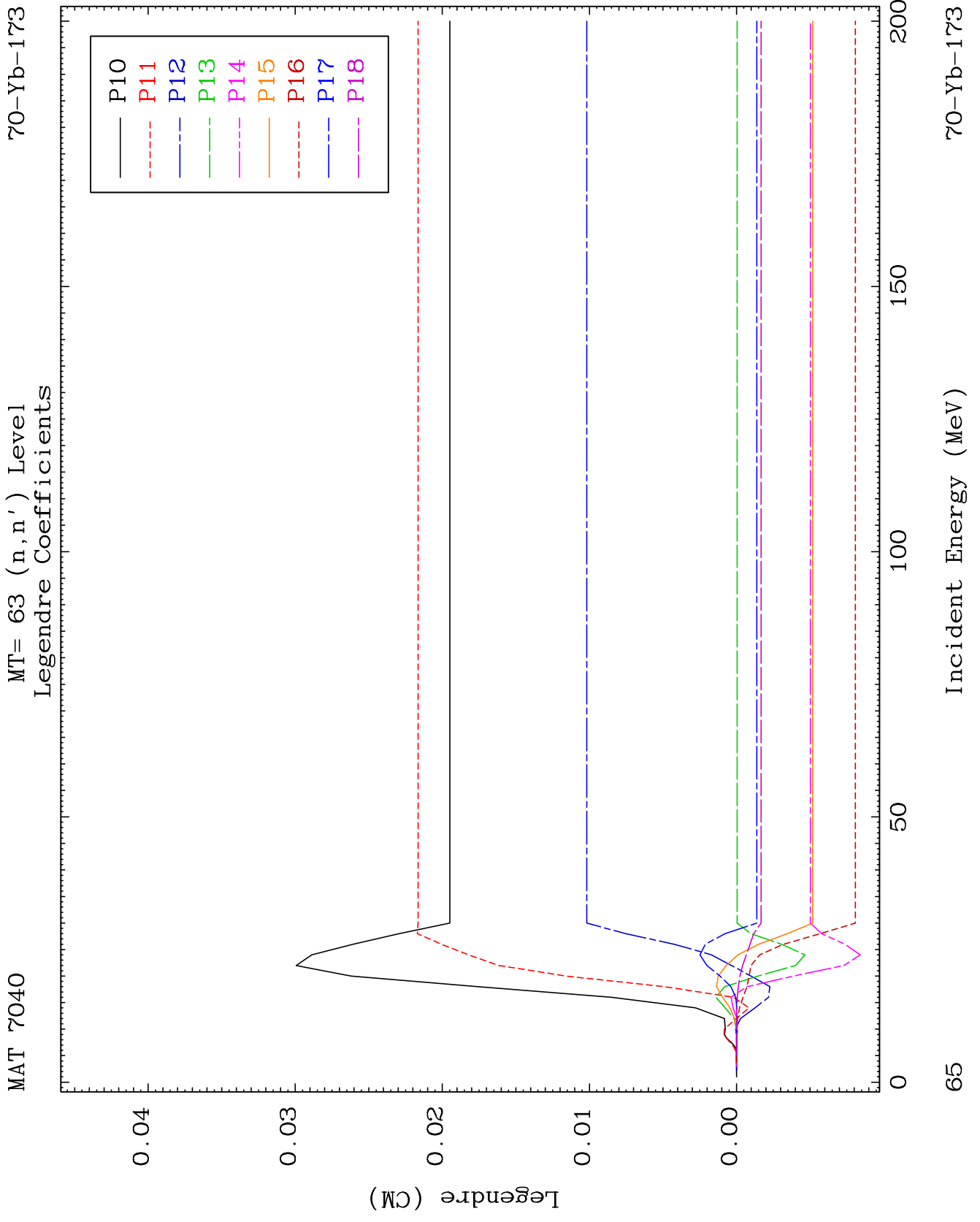
62

Incident Energy (MeV)

70-Yb-173



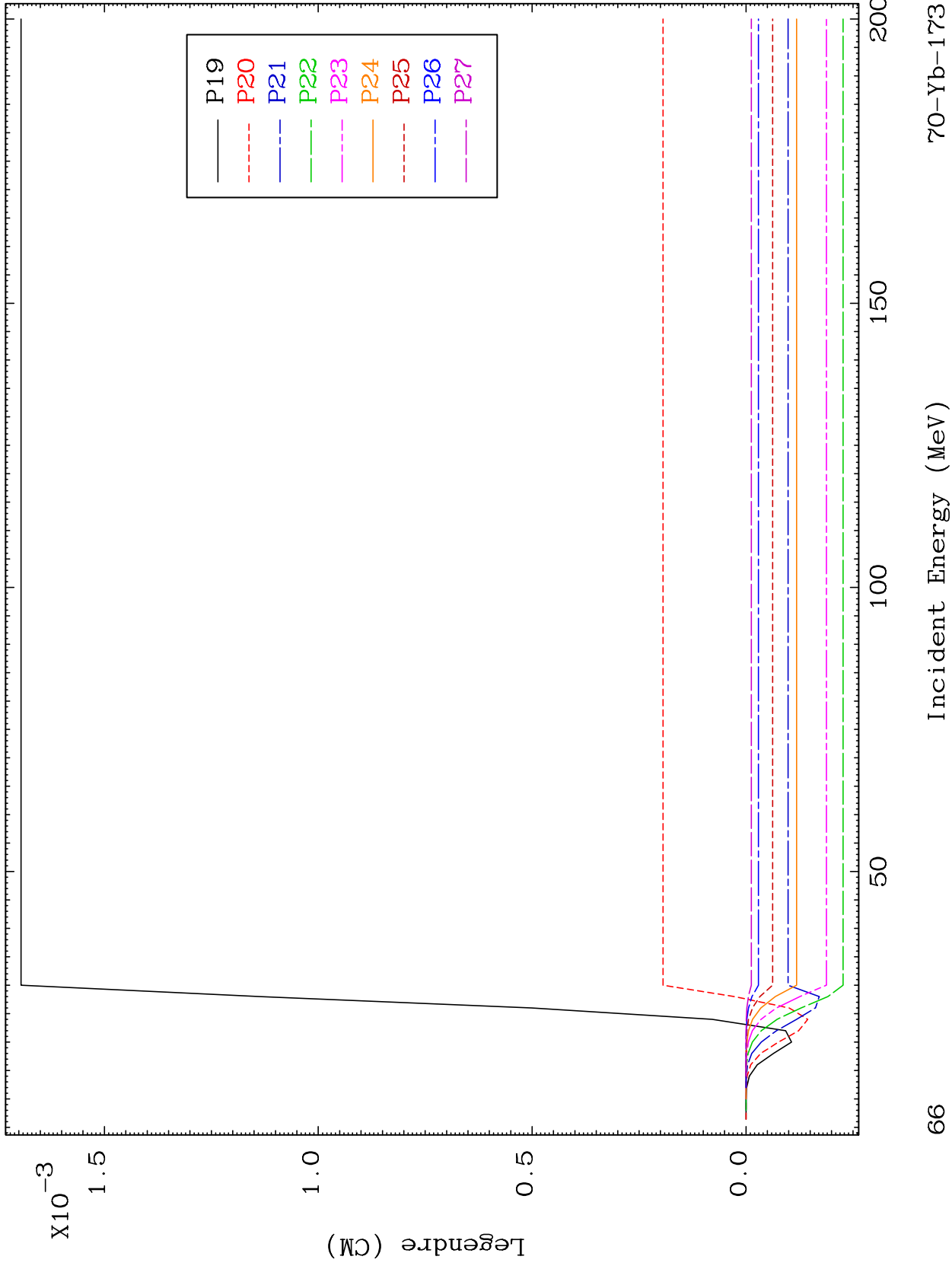




MAT 7040

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

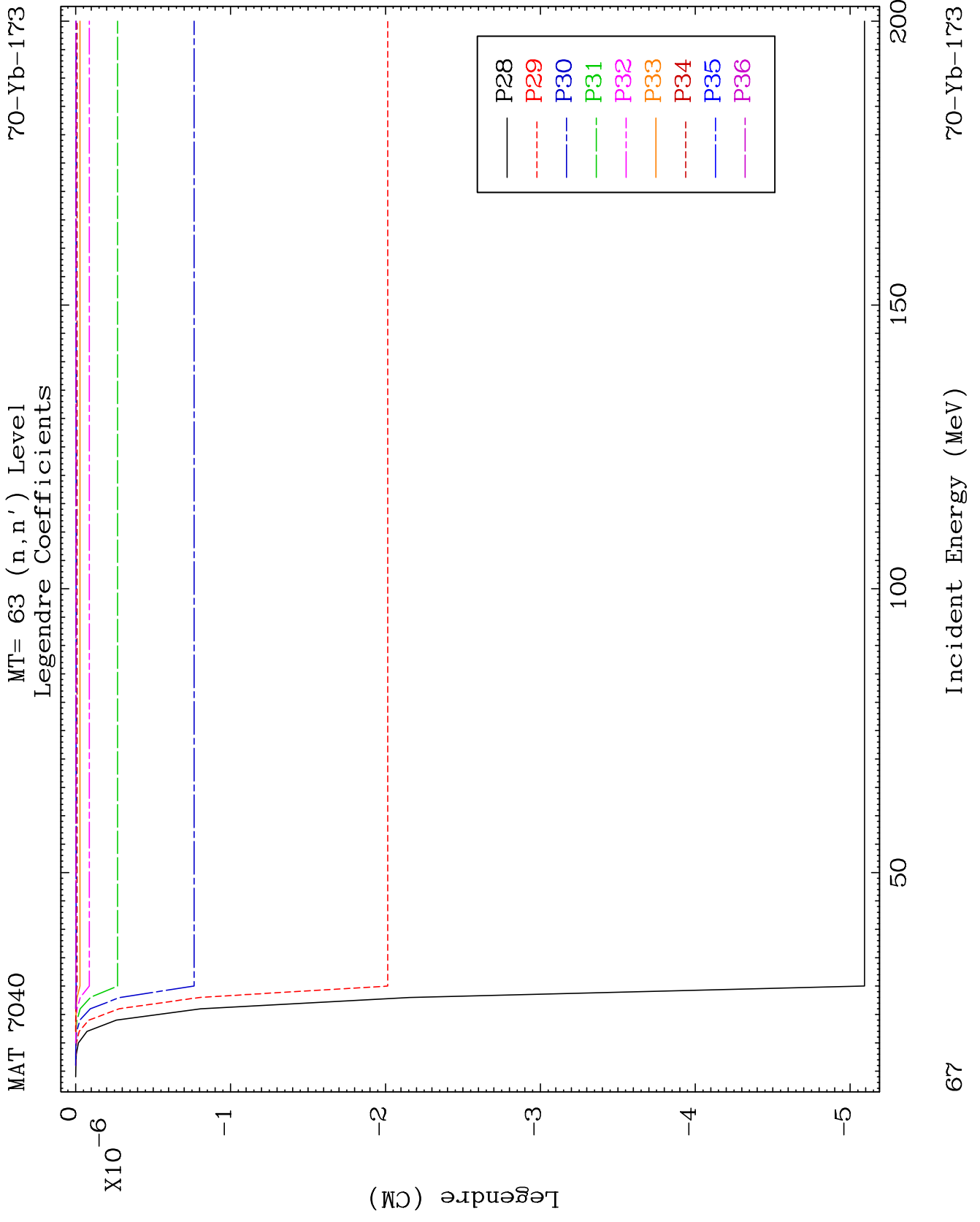
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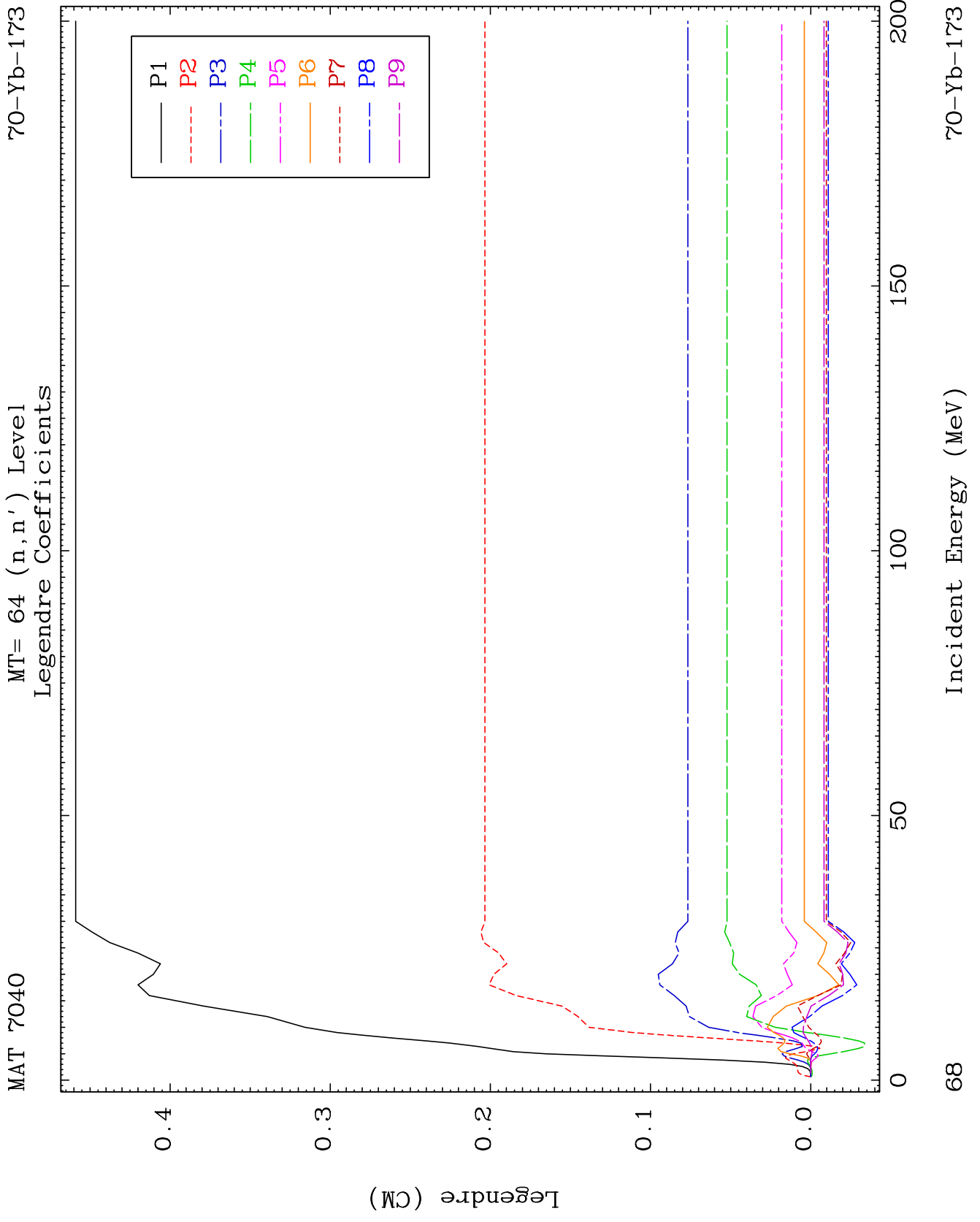


66

Incident Energy (MeV)

70-Yb-173

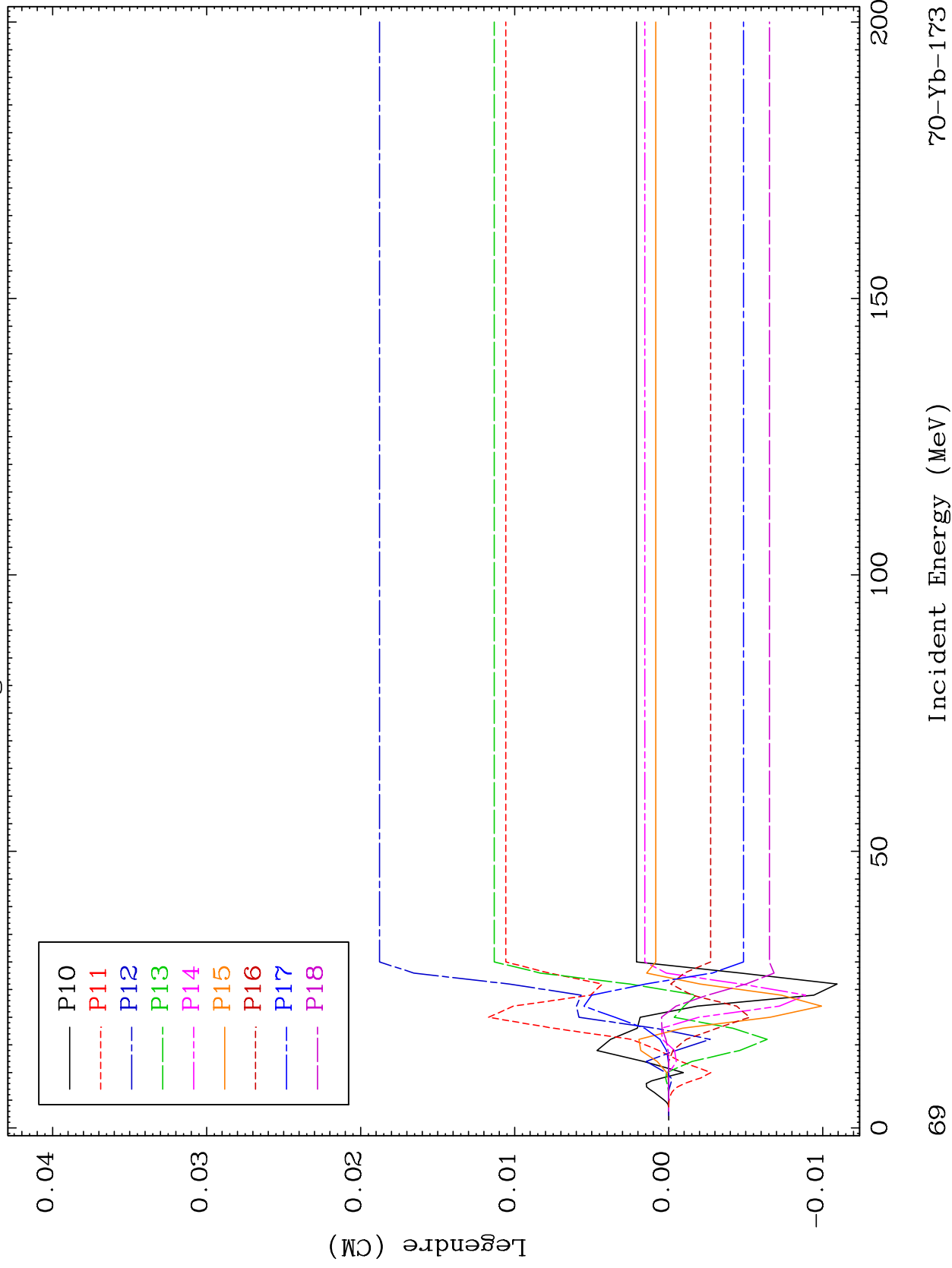




MAT 7040

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

70-Yb-173



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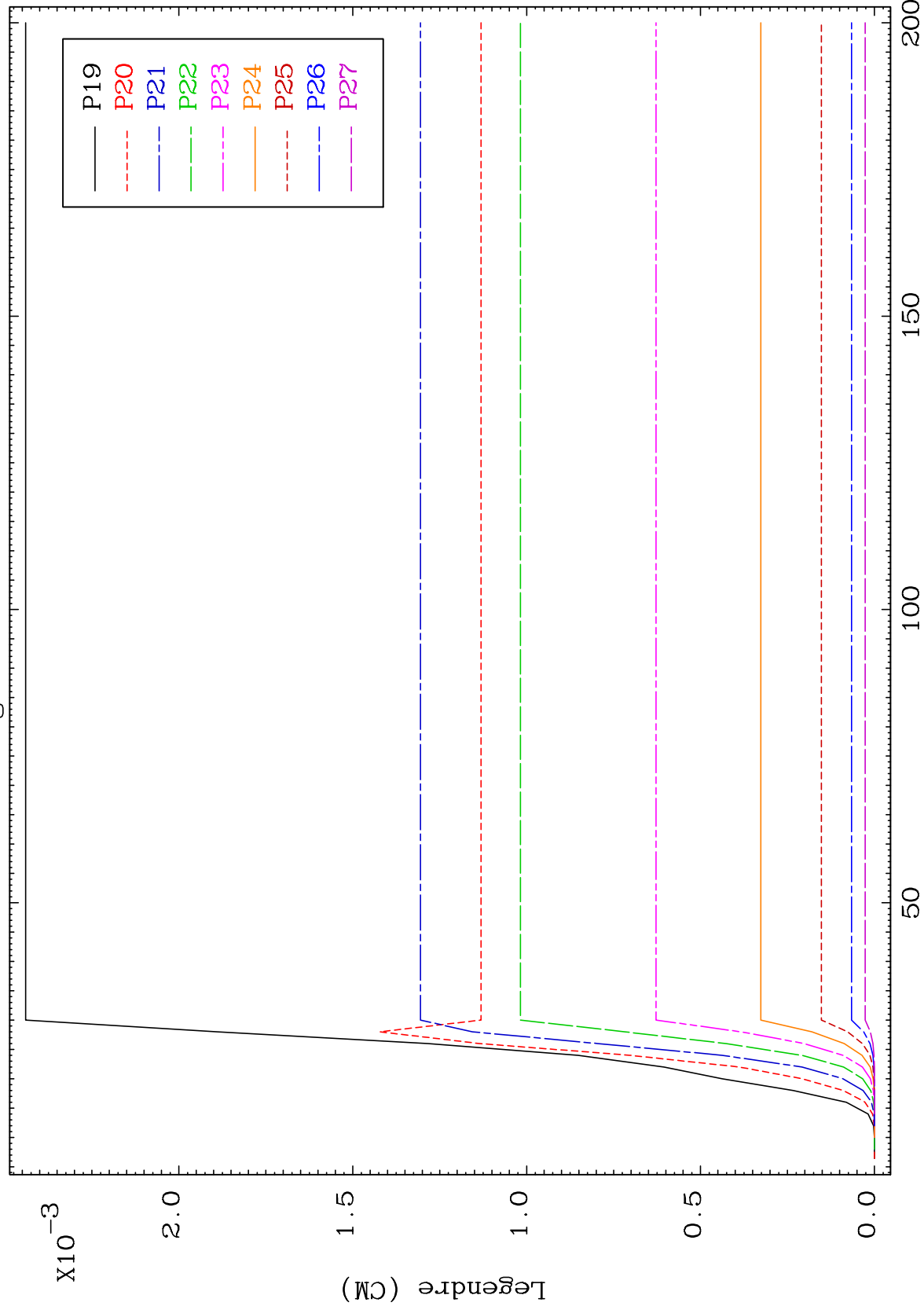
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



70

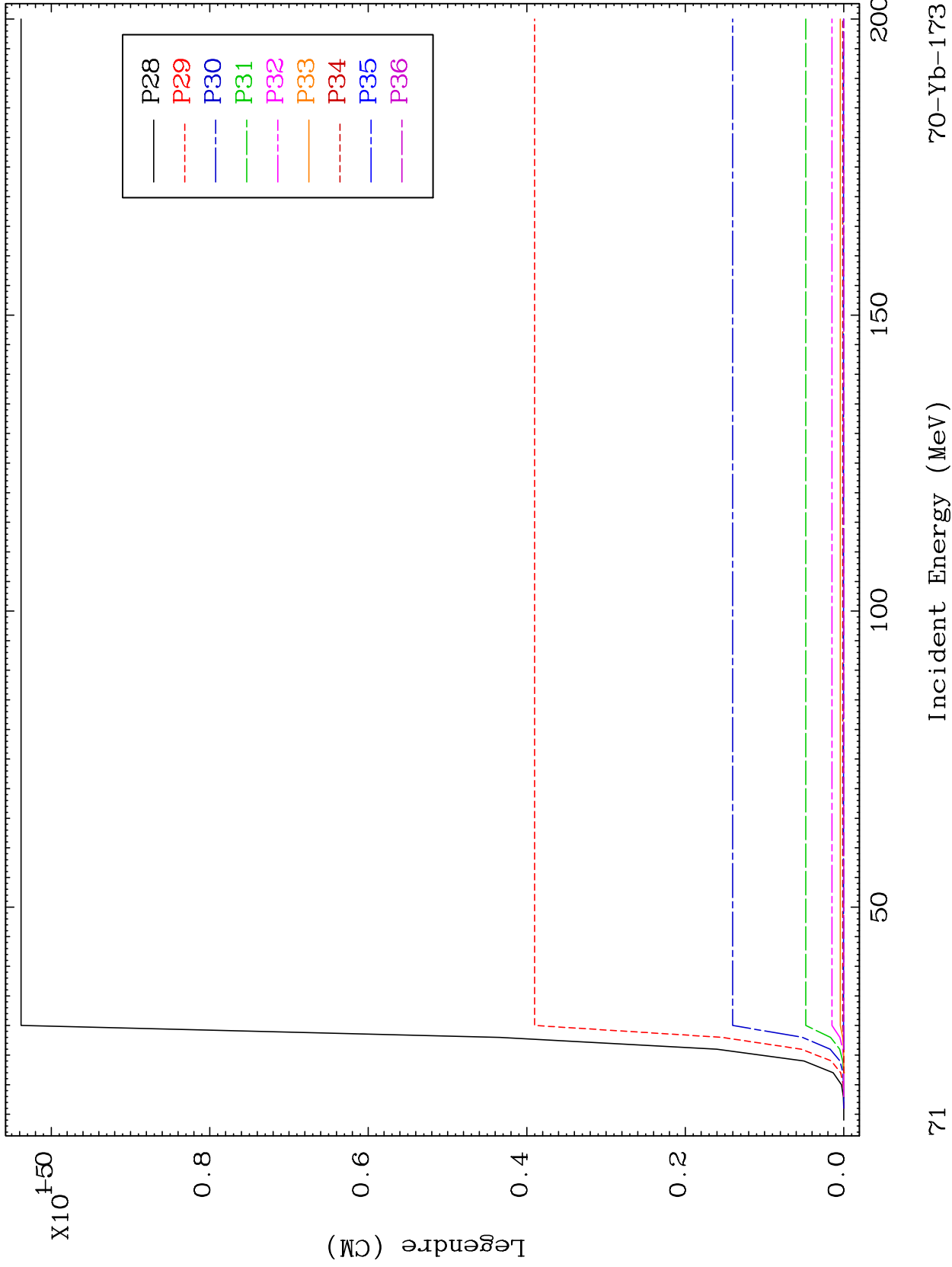
Incident Energy (MeV)

70-Yb-173

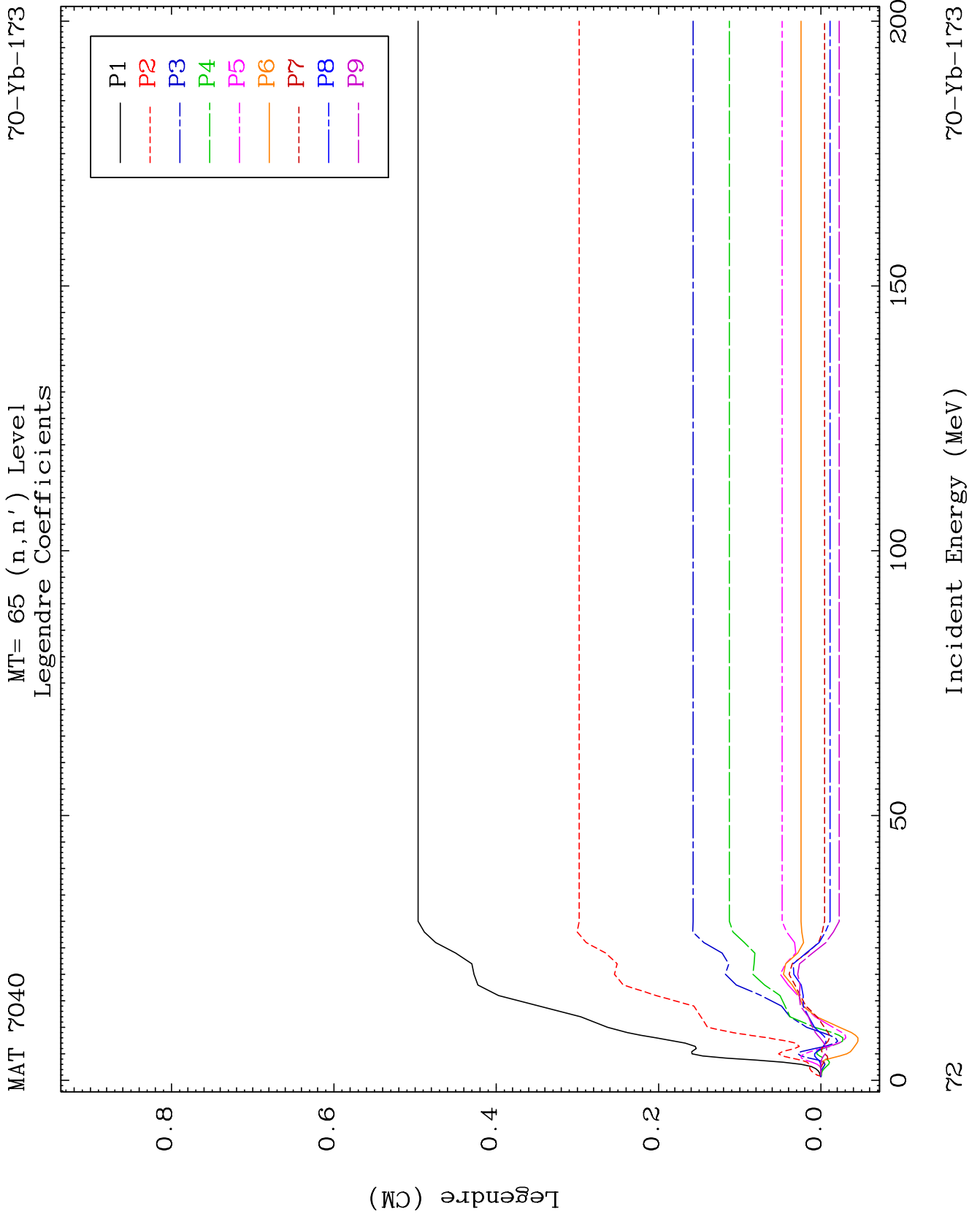
MAT 7040

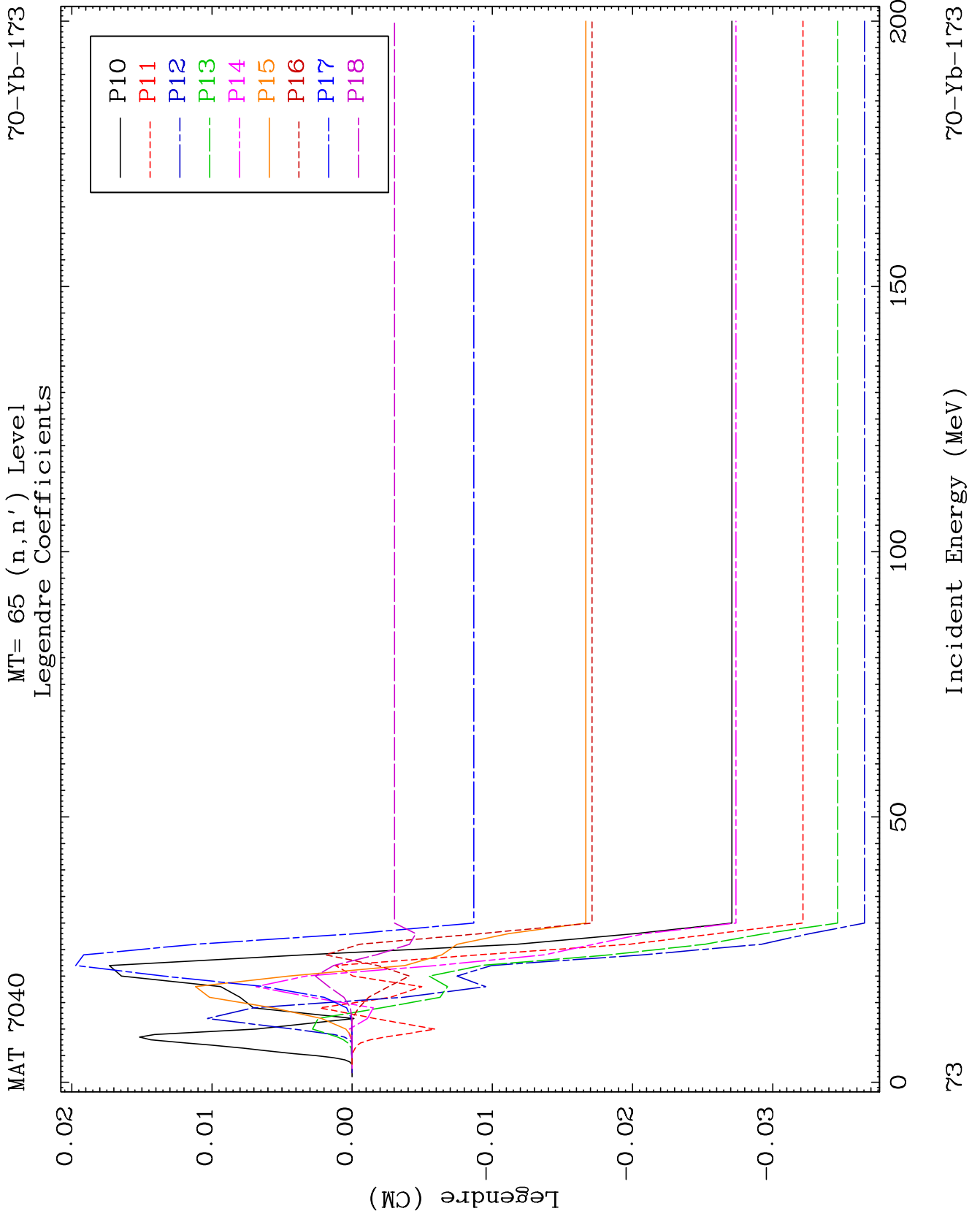
MT= 64 (n,n') Level
Legendre Coefficients

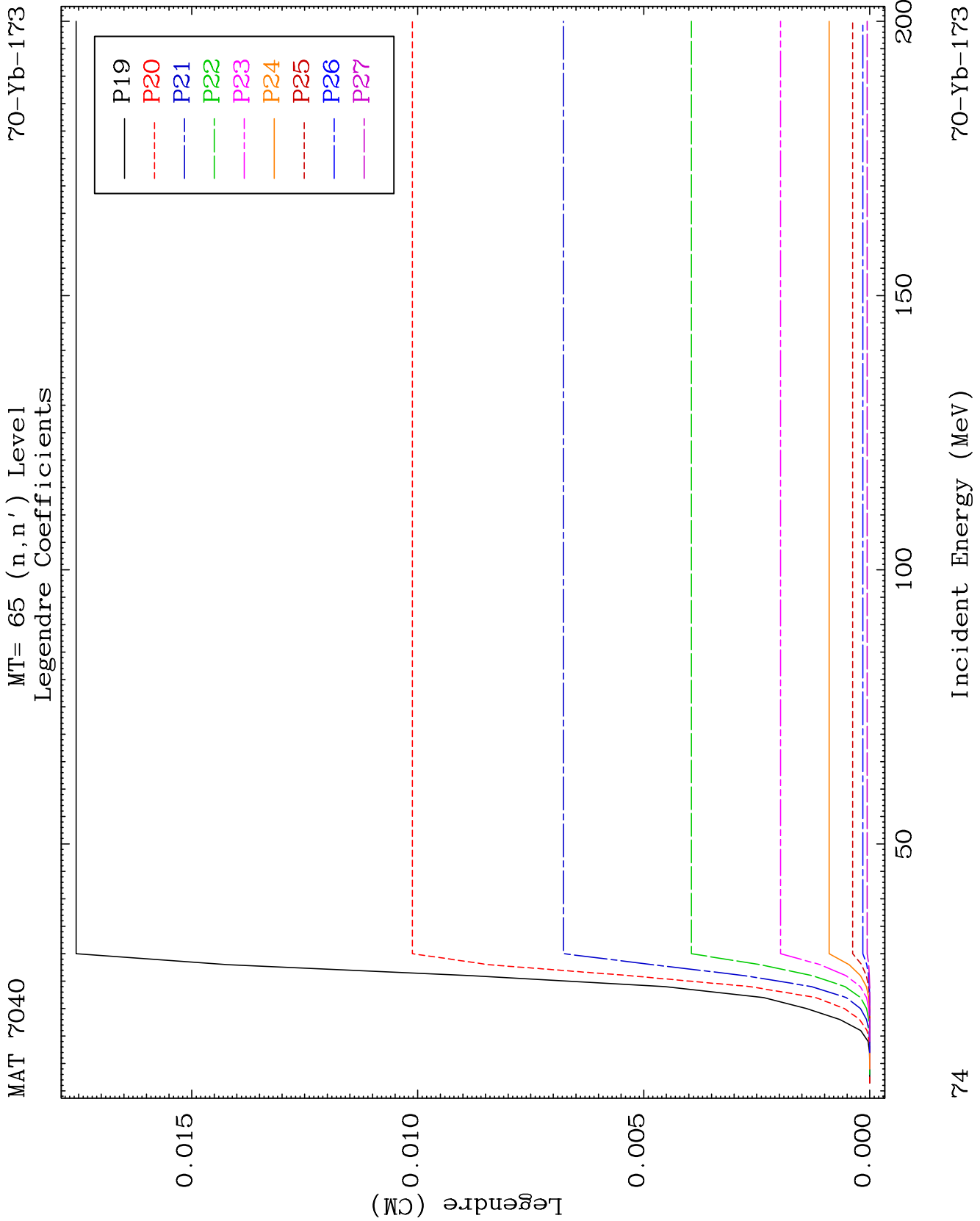
70-Yb-173

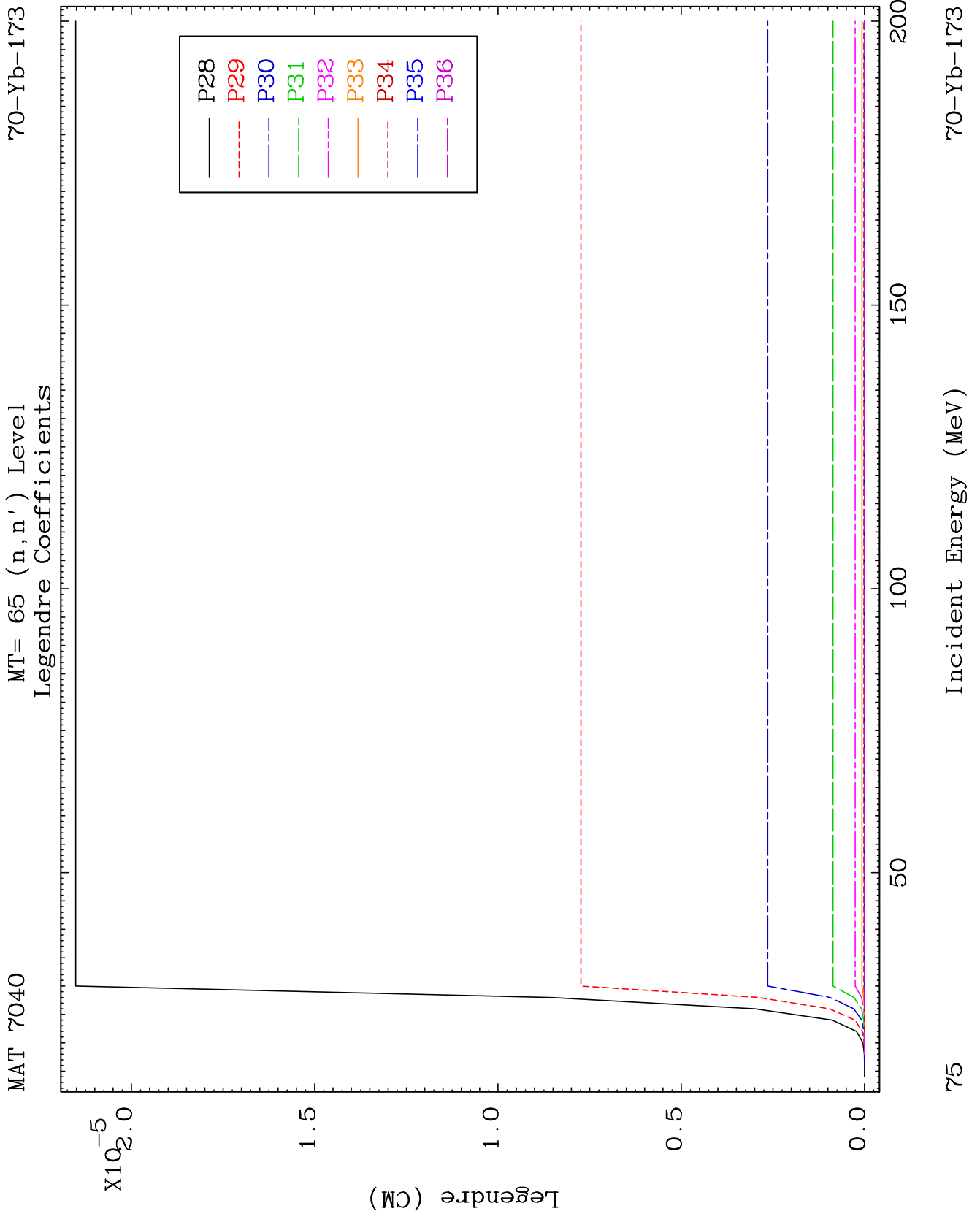


71





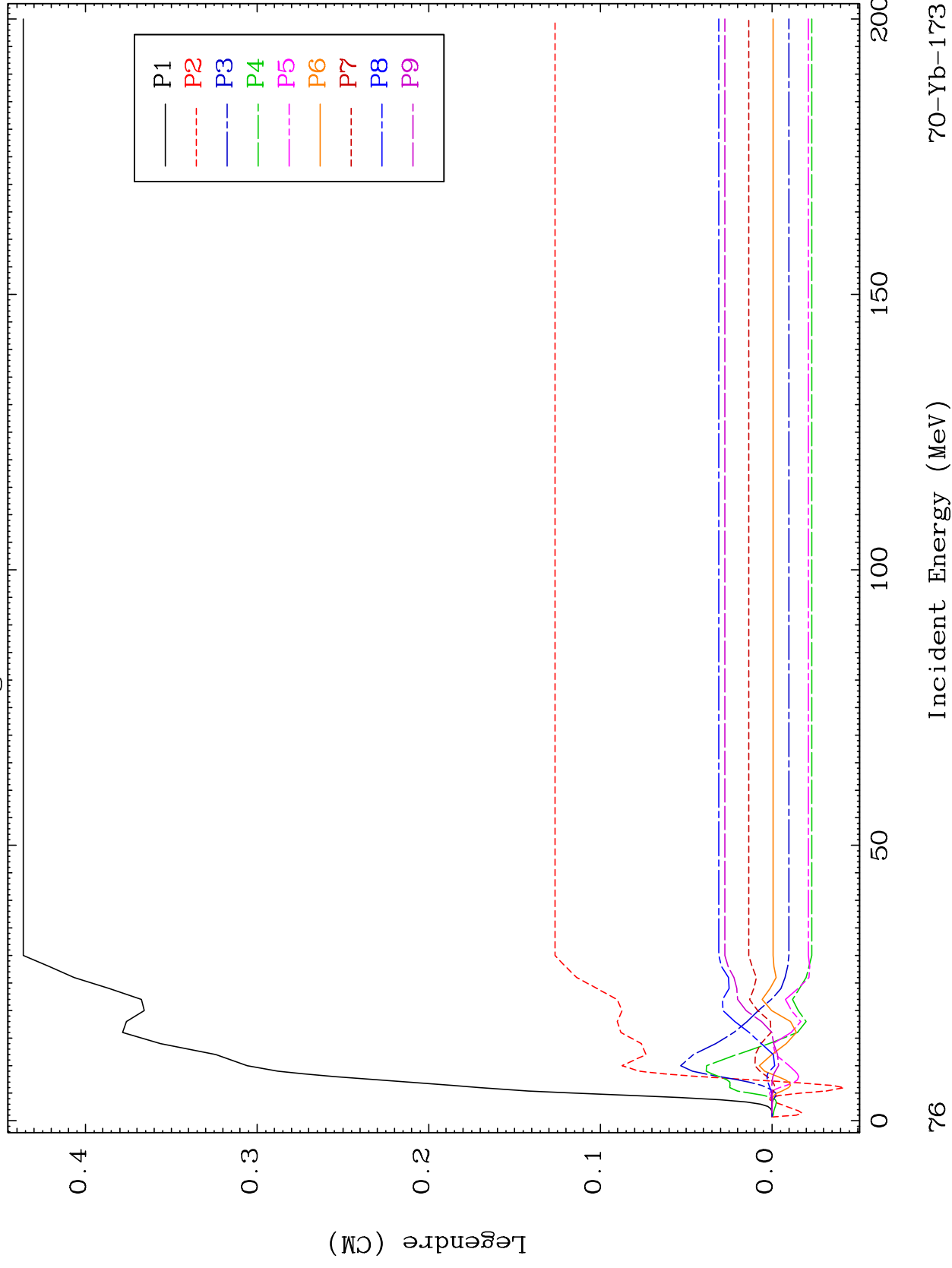




MAT 7040

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

70-Yb-173



76

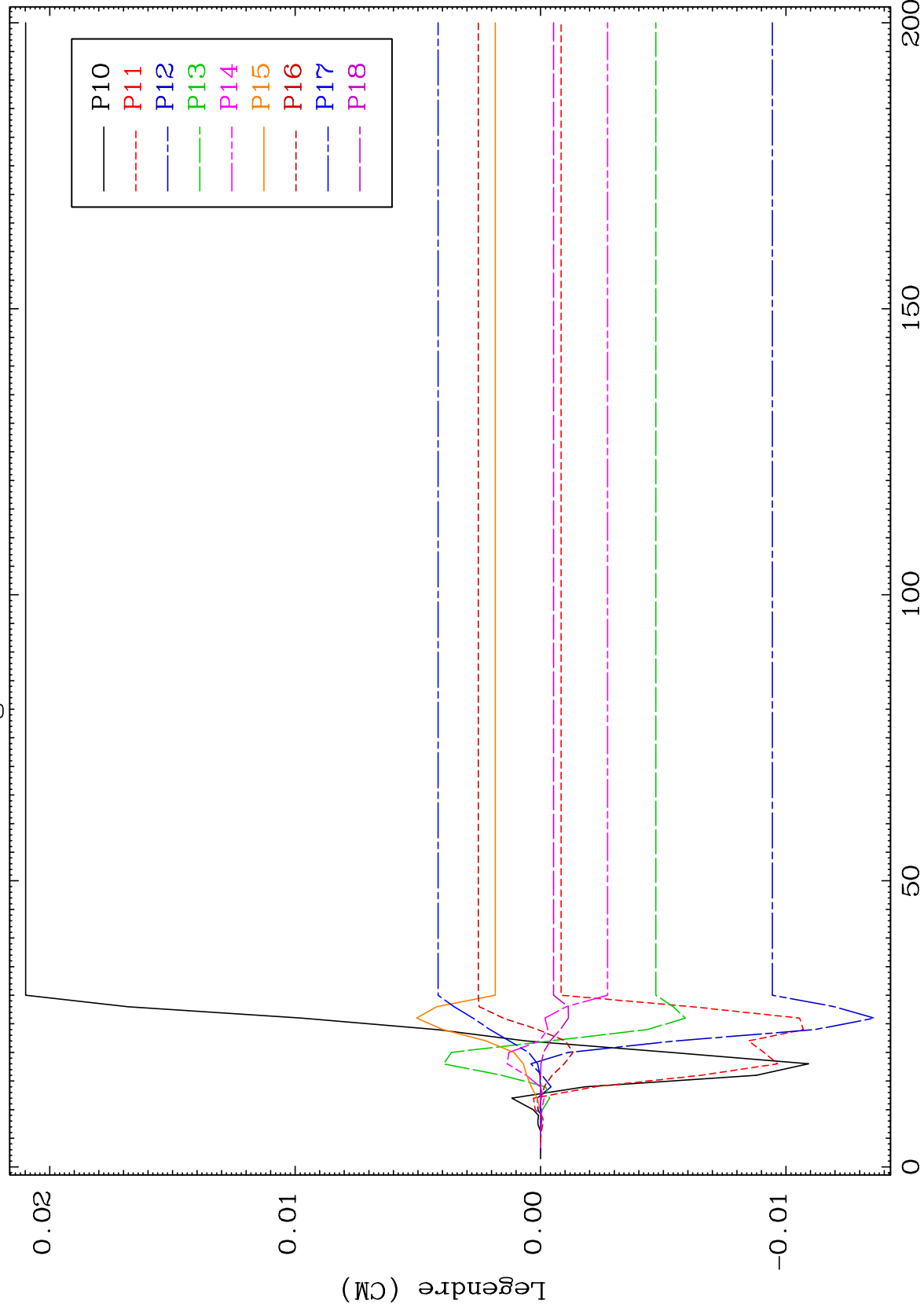
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



77

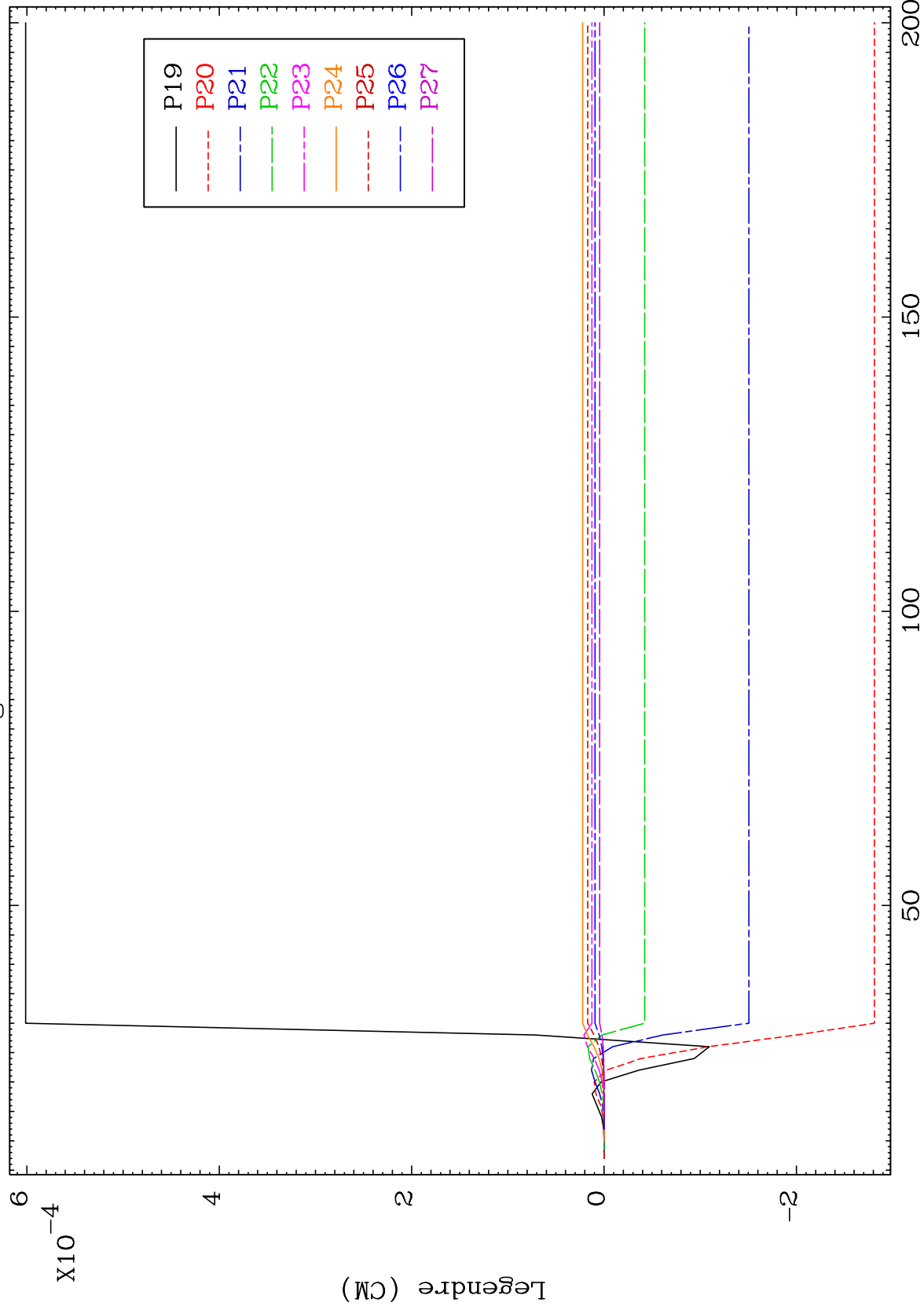
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

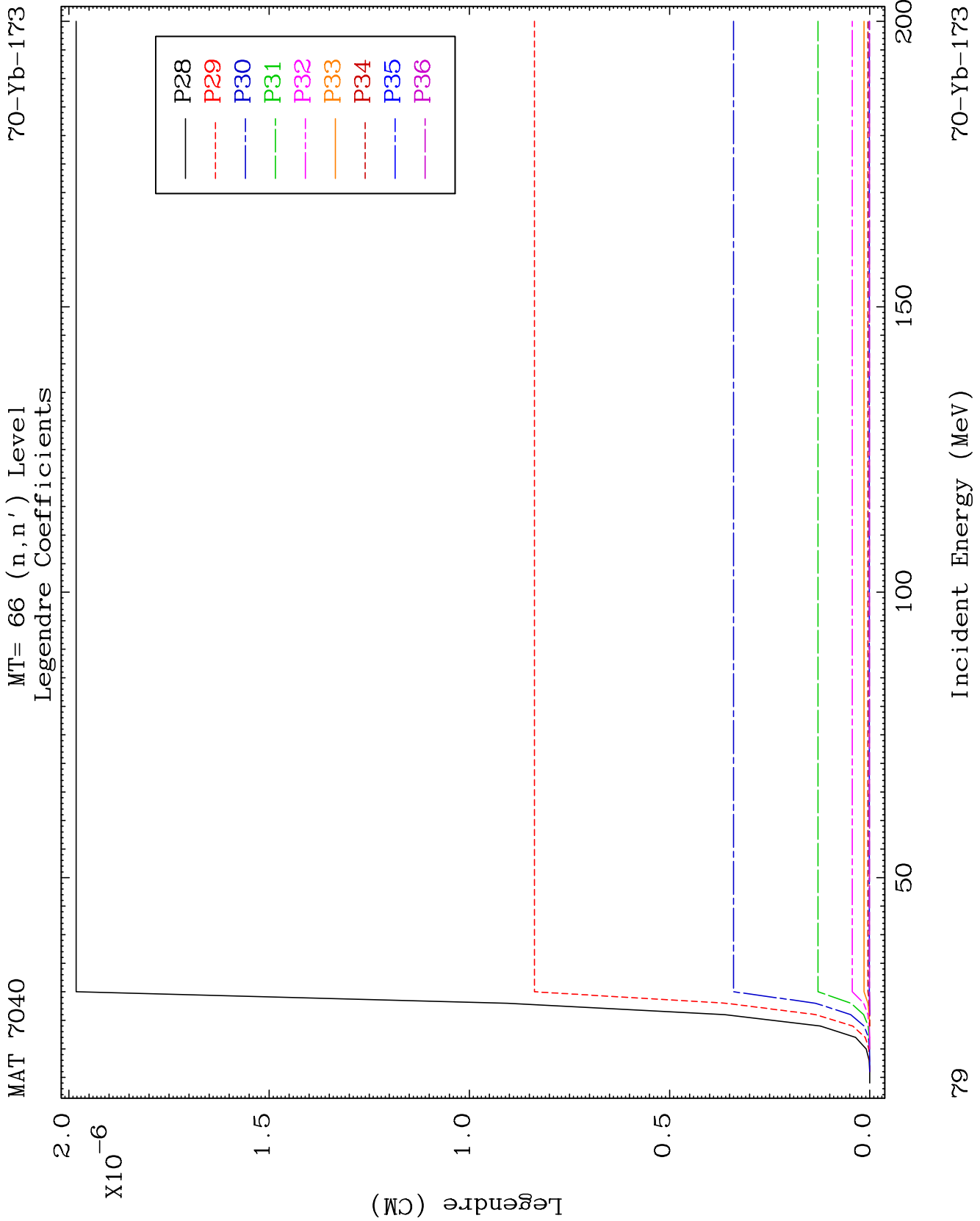
70-Yb-173

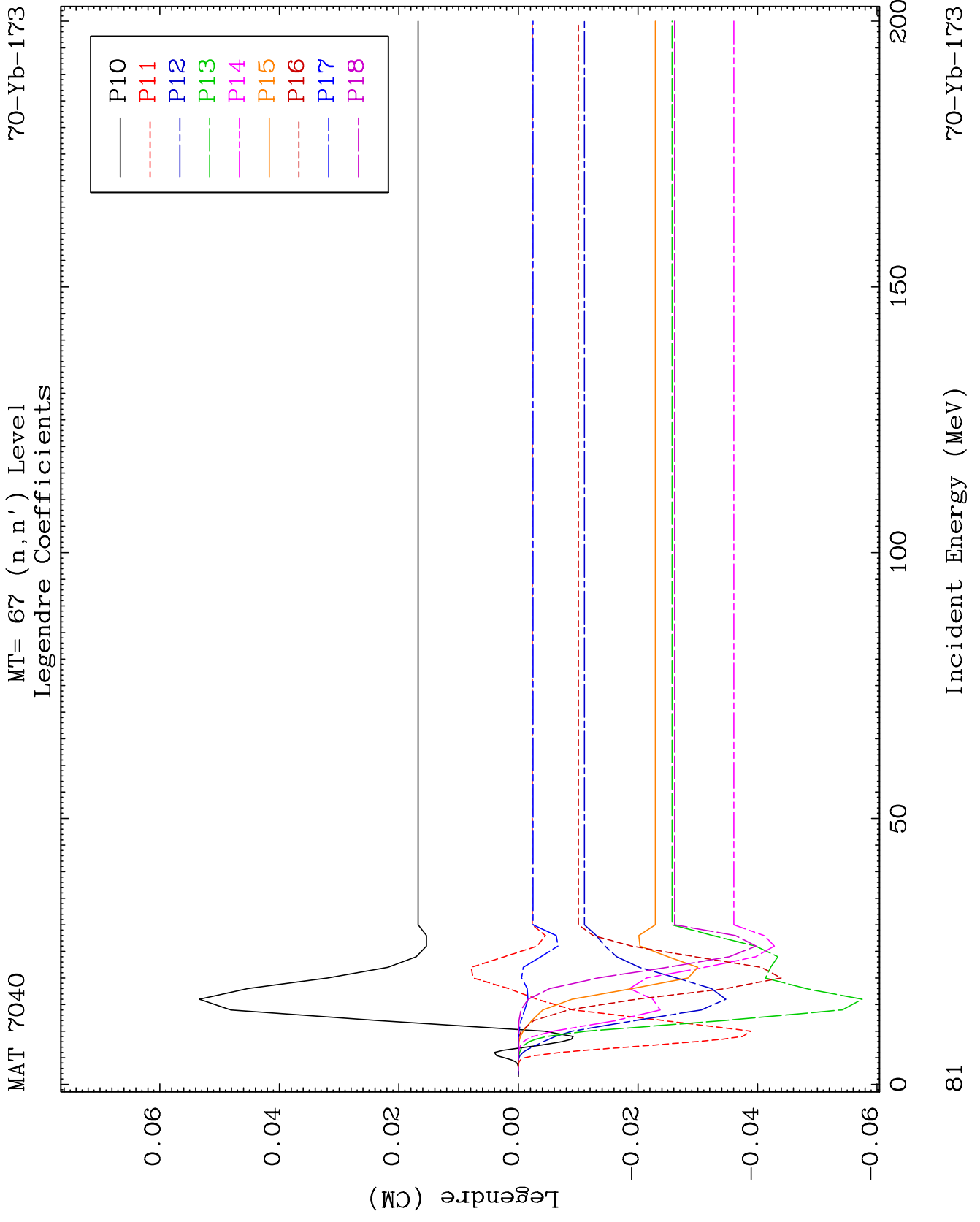


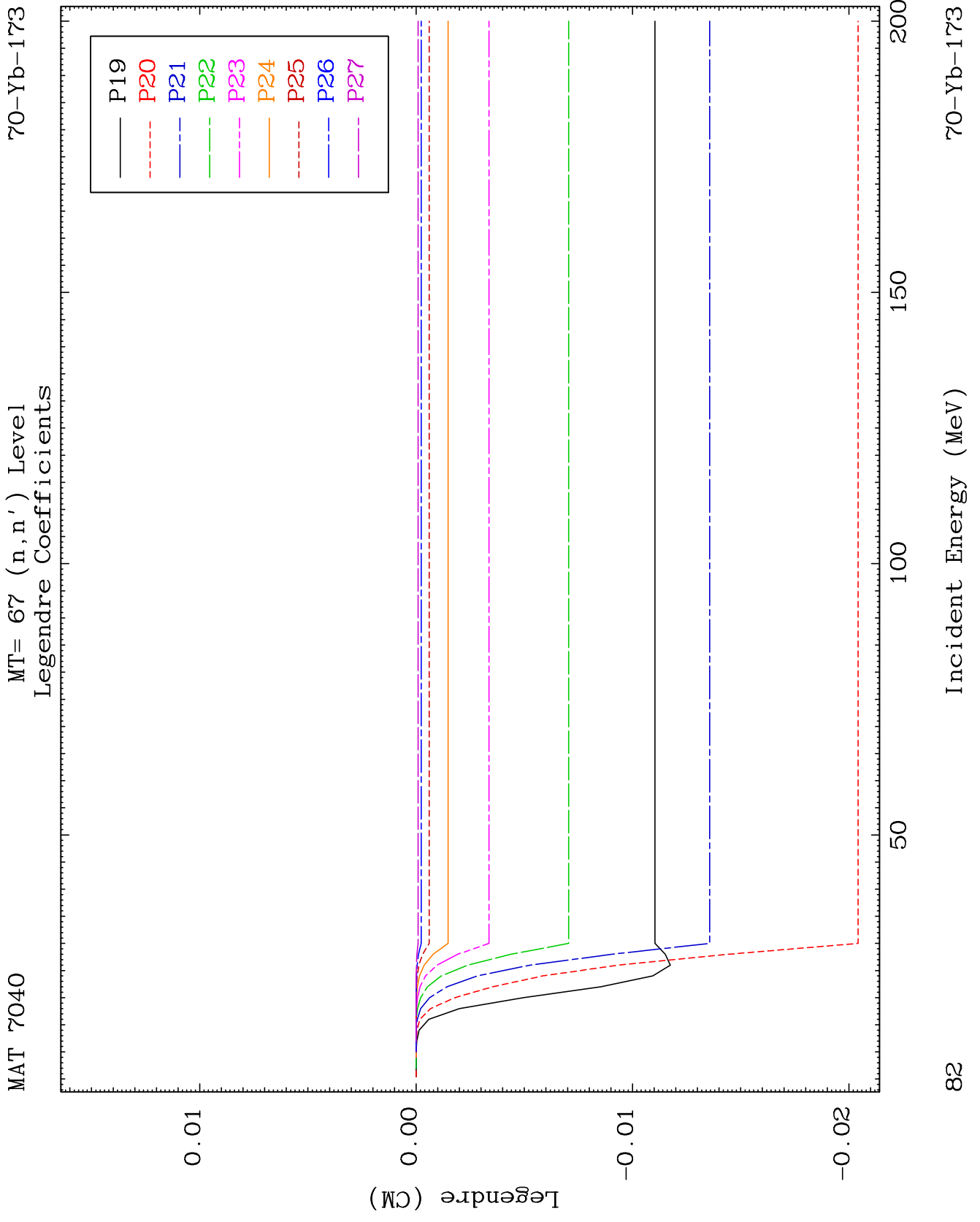
78

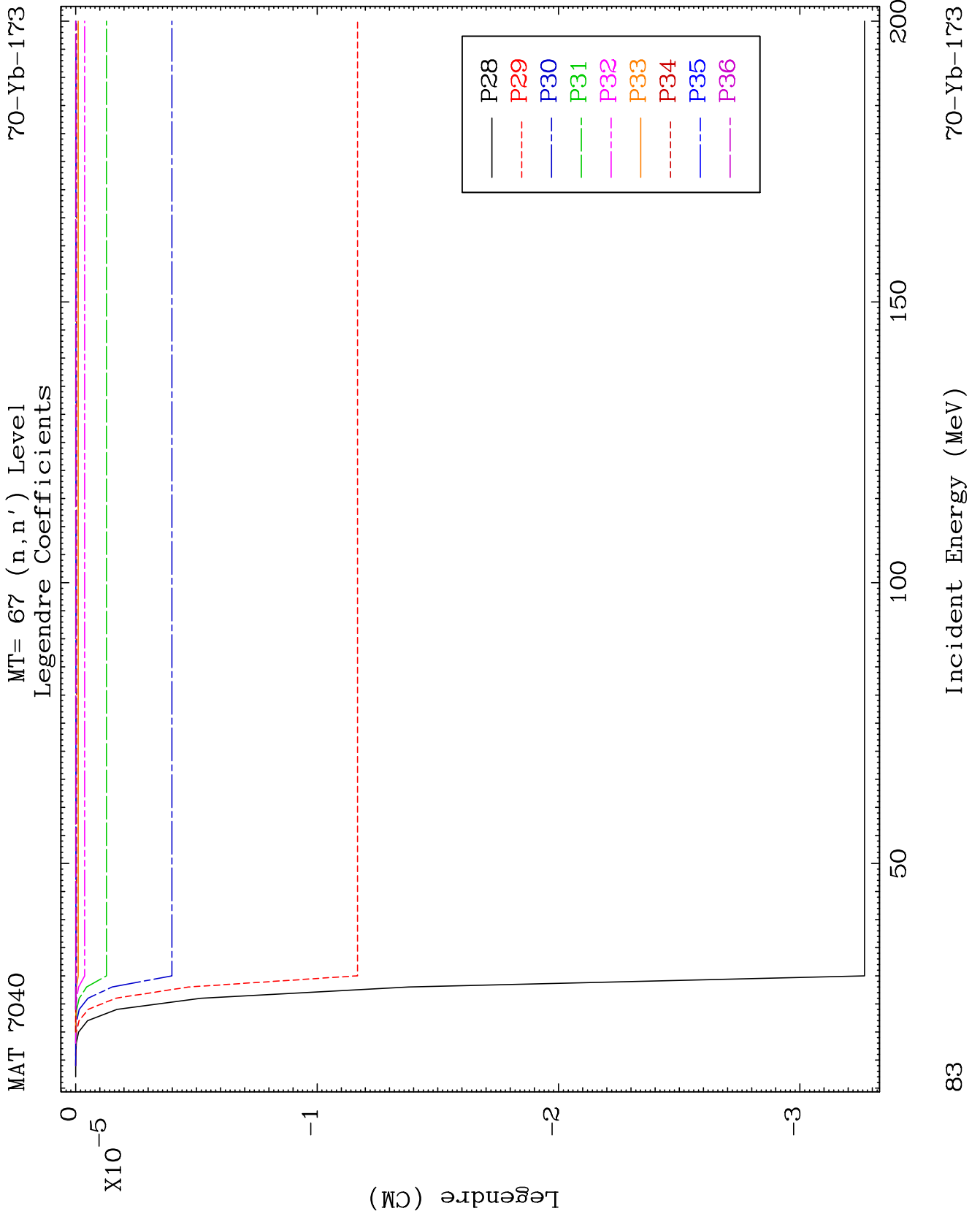
Incident Energy (MeV)

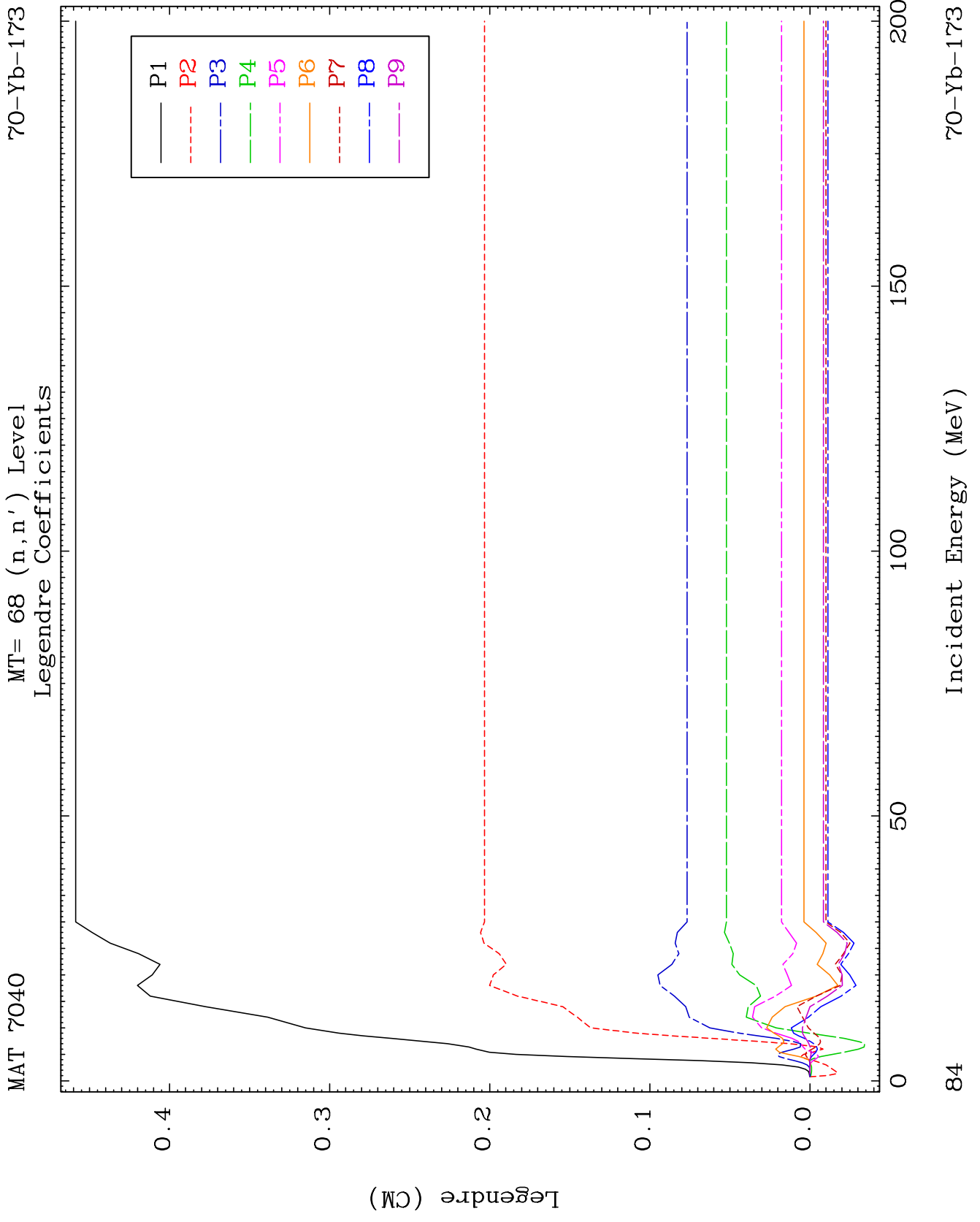
70-Yb-173







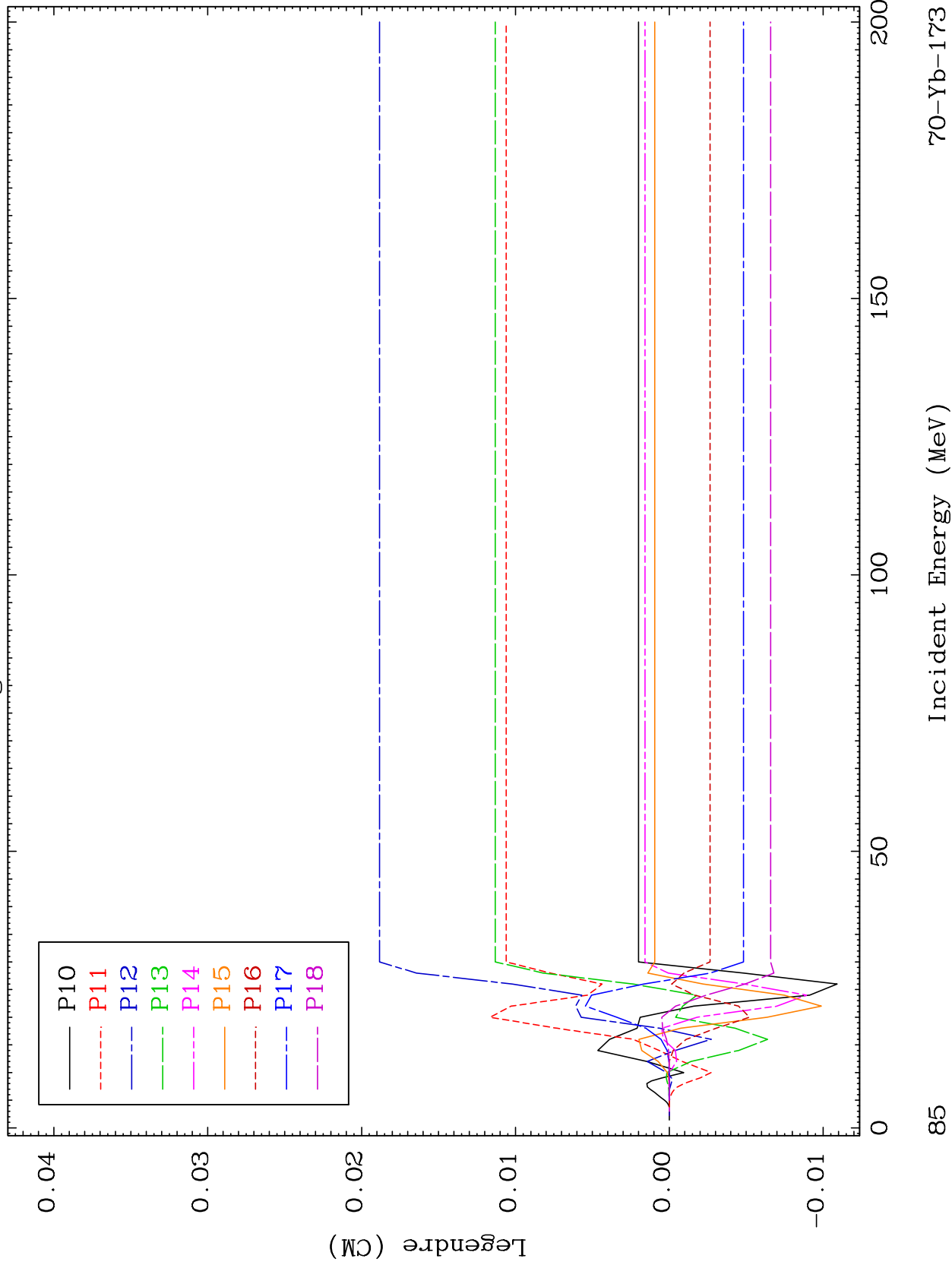


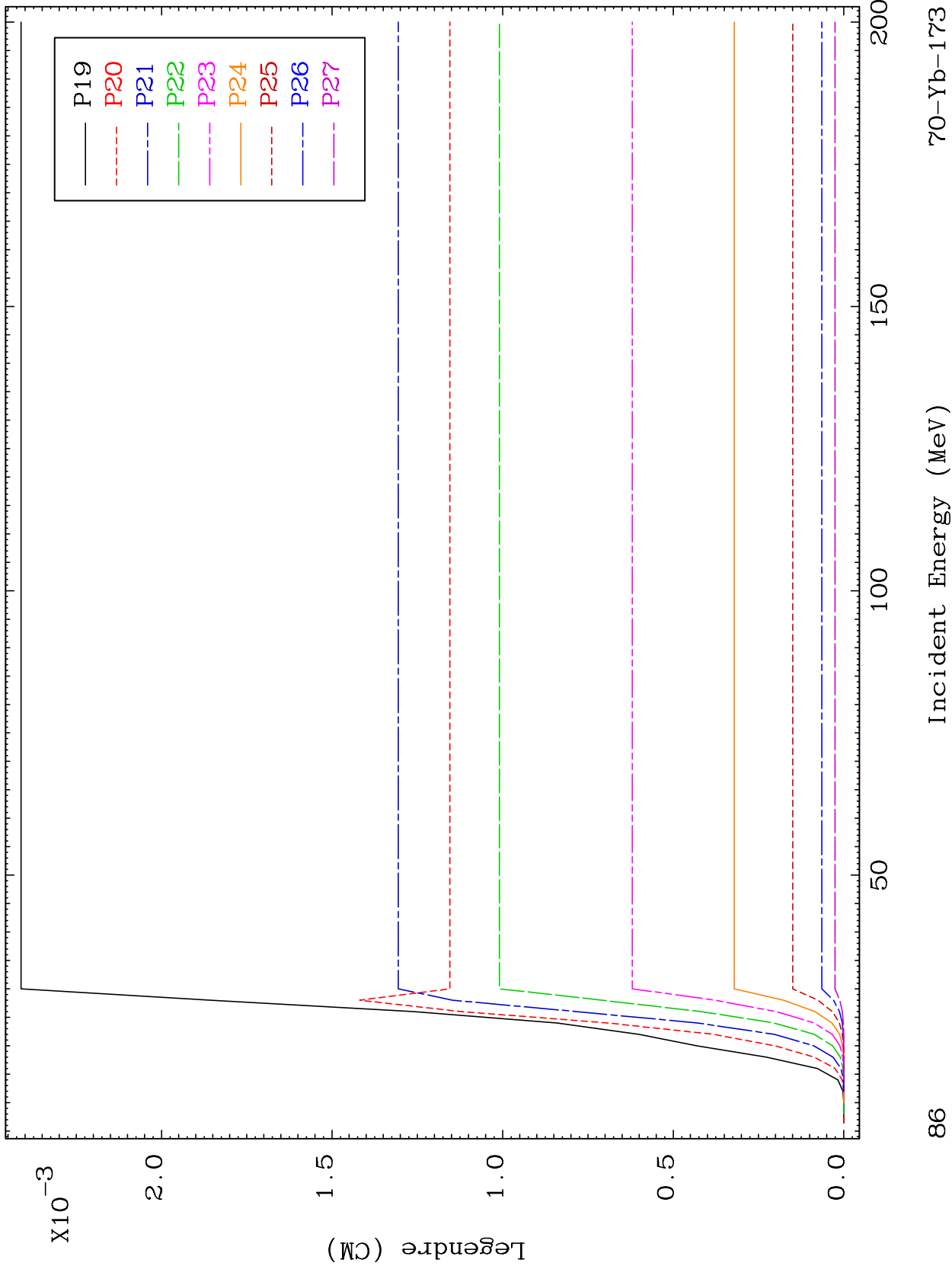


MAT 7040

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

70-Yb-173

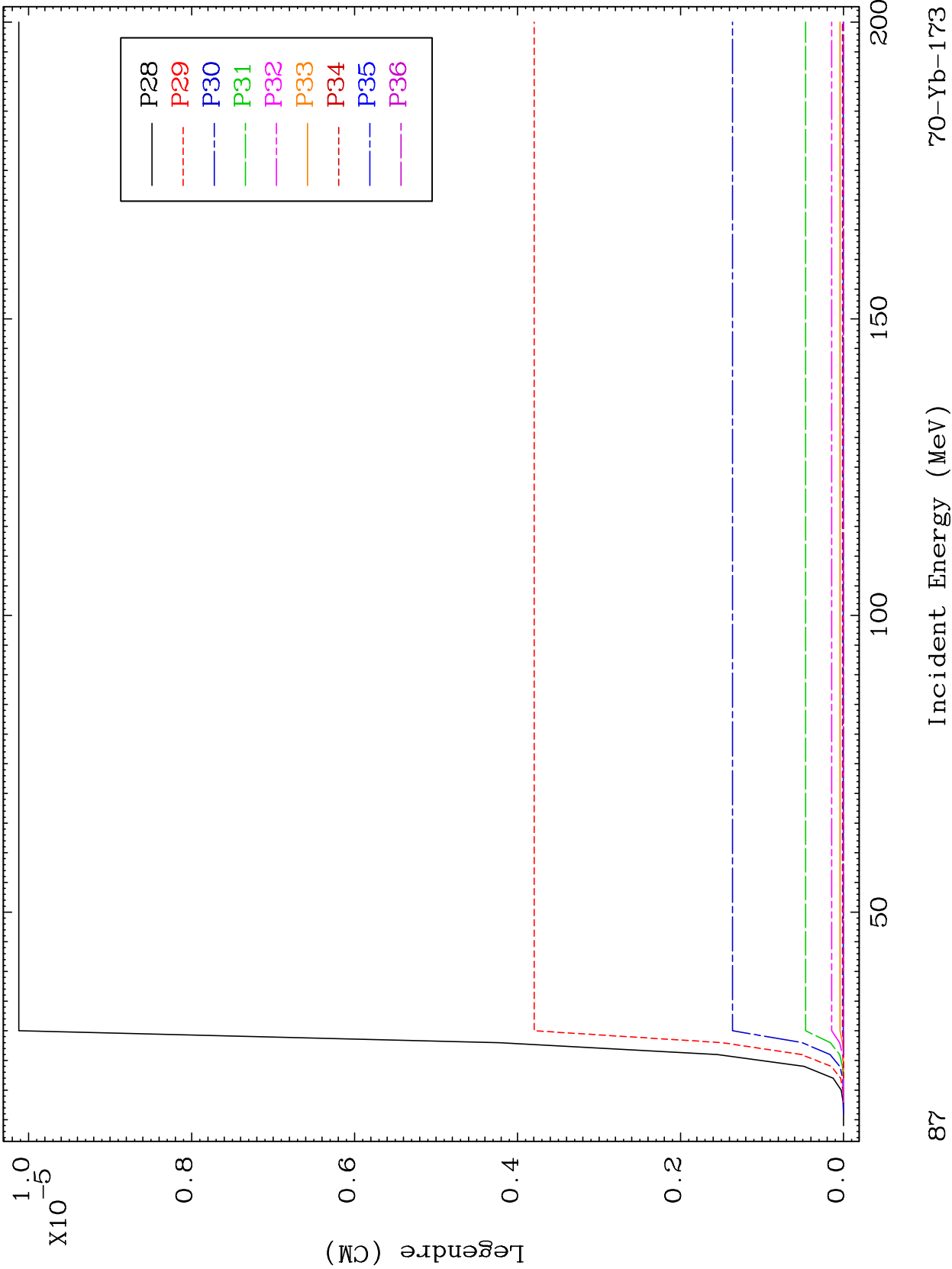




MAT 7040

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

70-Yb-173



87

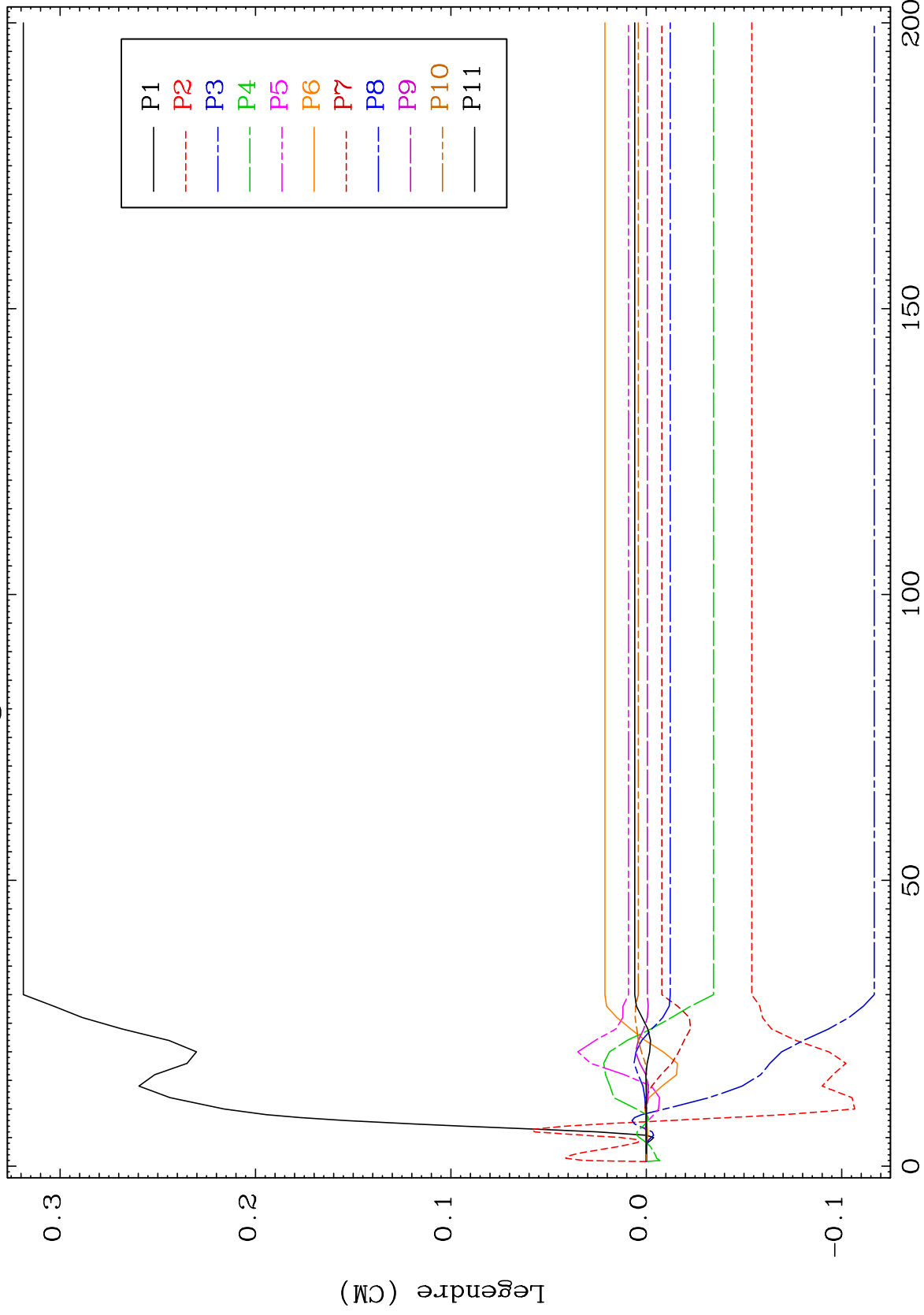
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



88

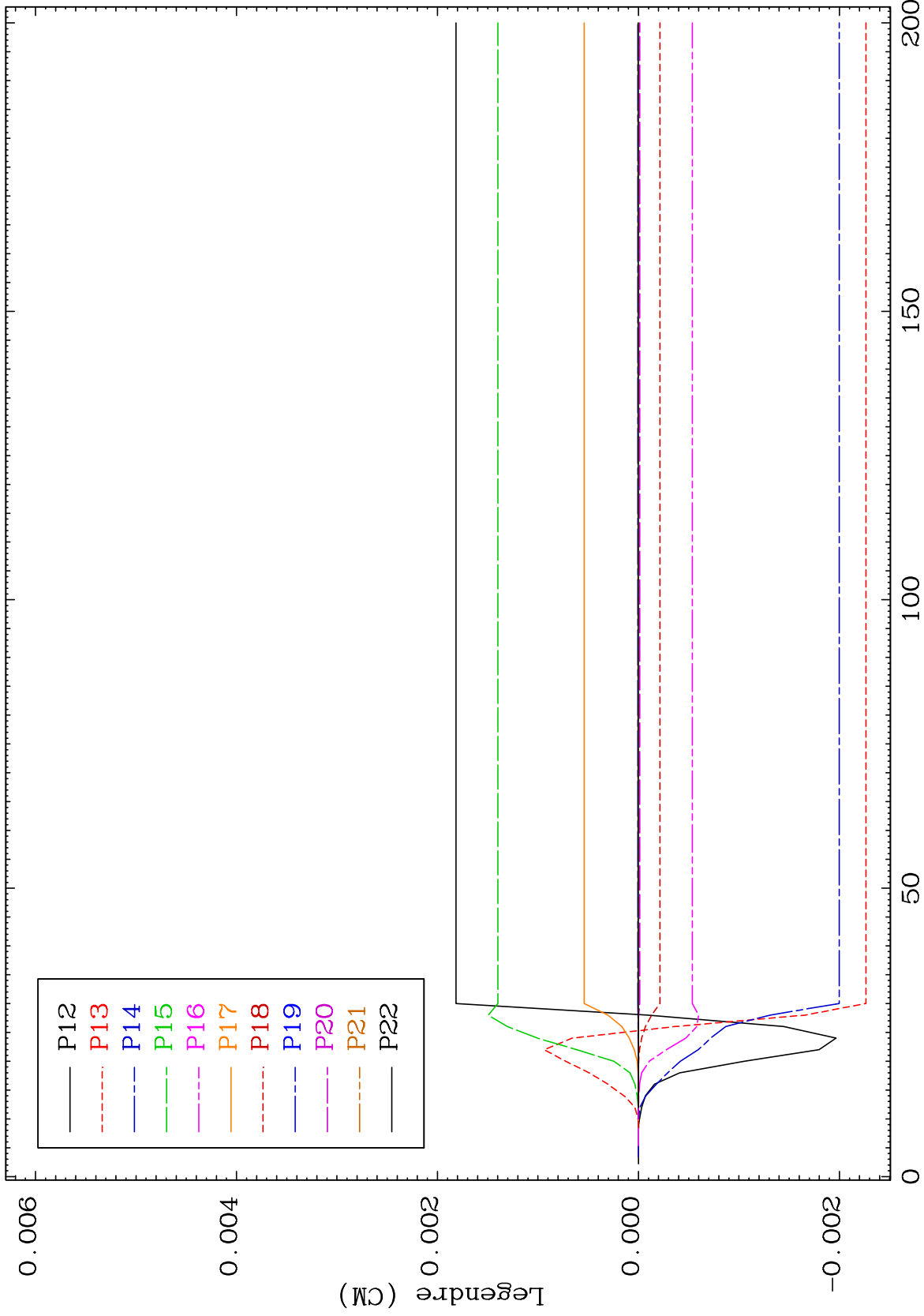
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



89

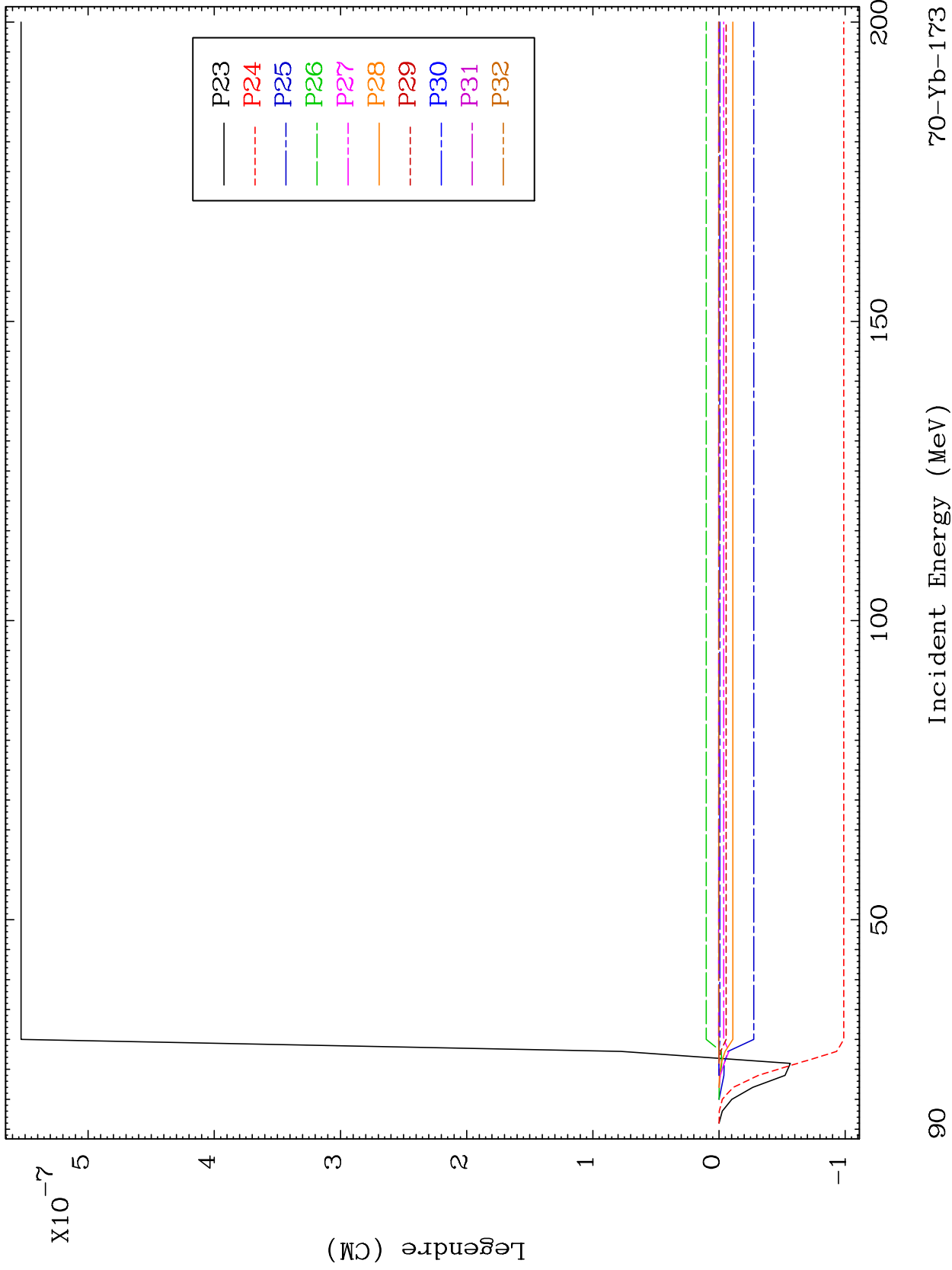
Incident Energy (MeV)

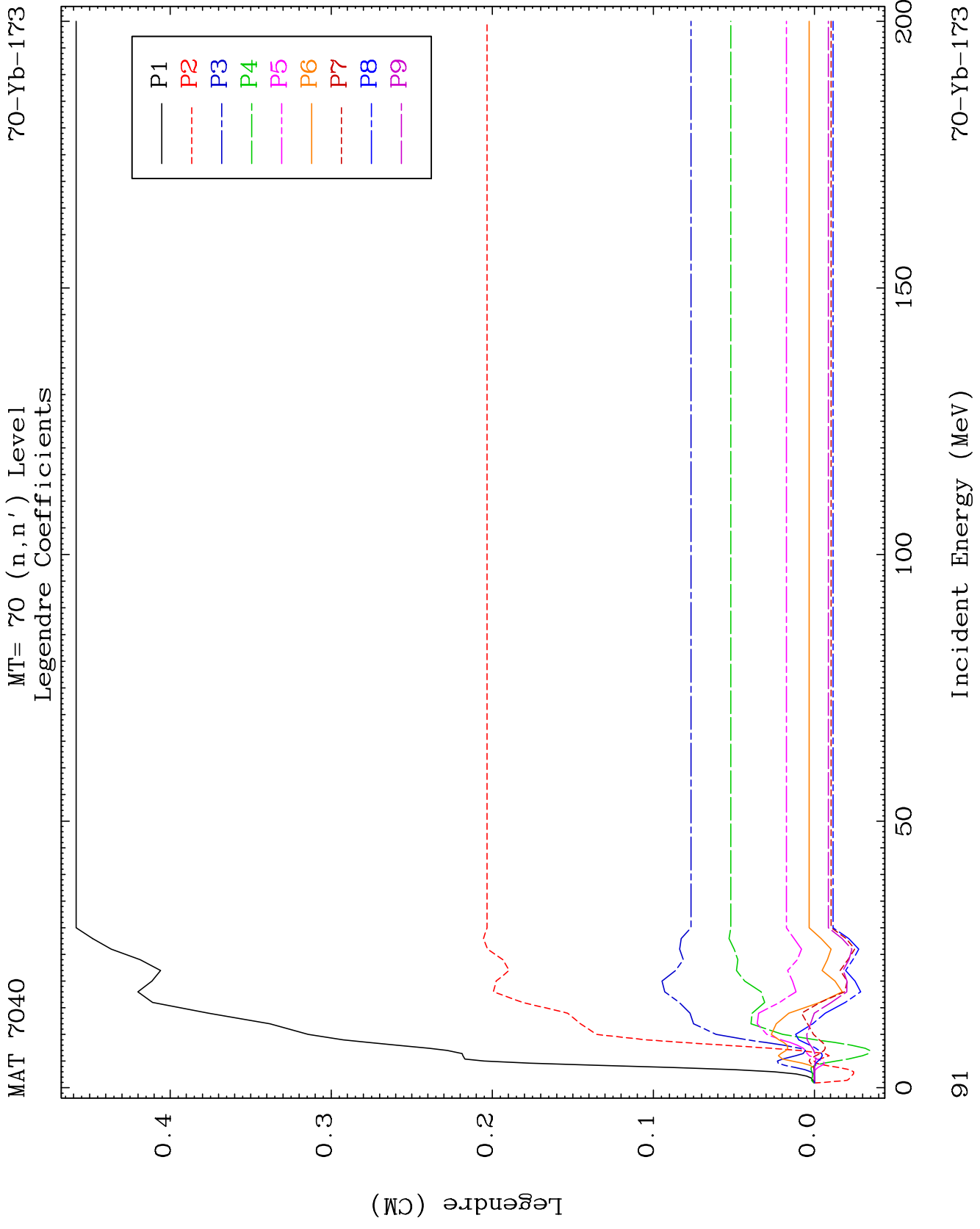
70-Yb-173

MAT 7040

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

70-Yb-173

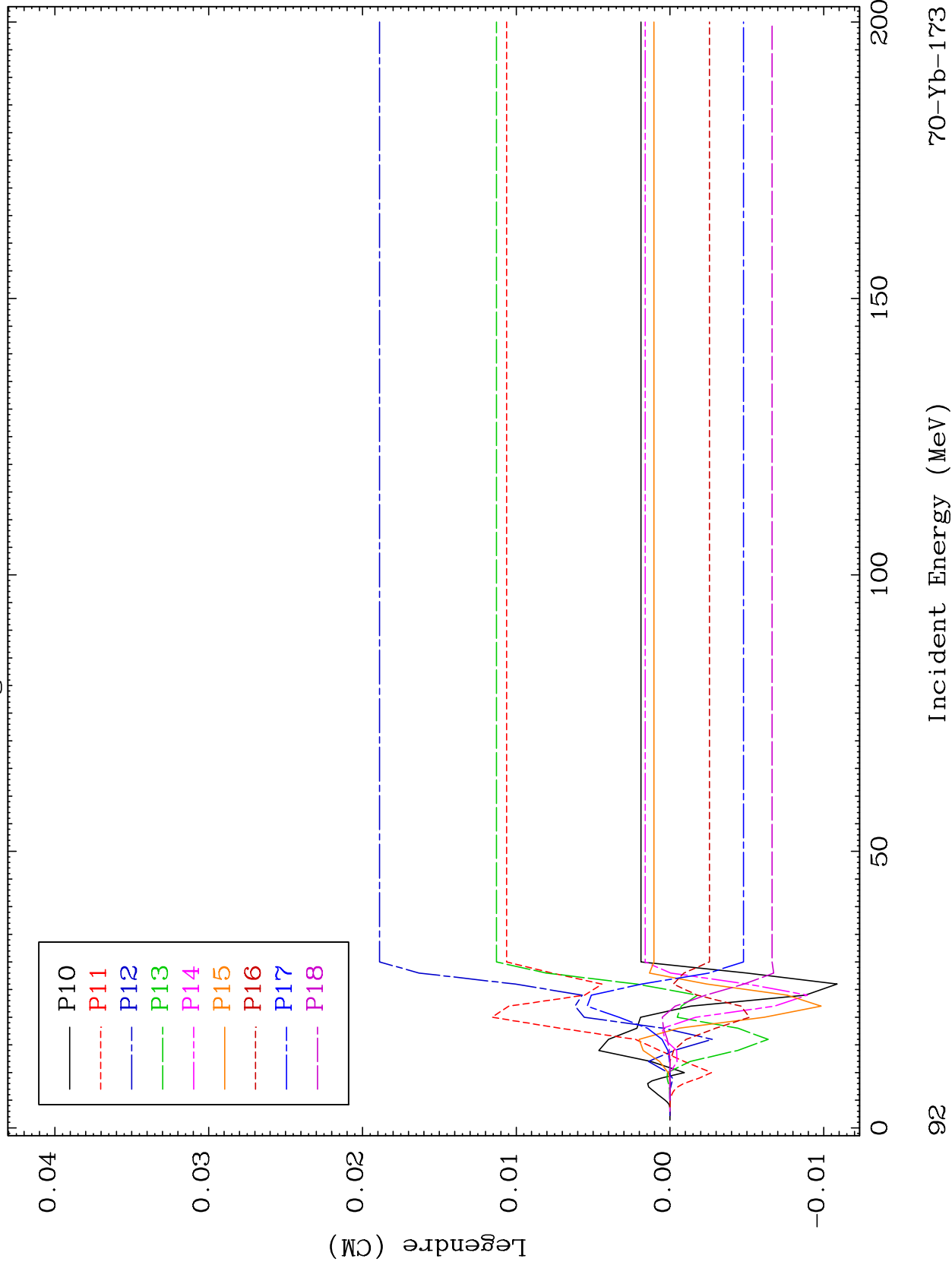




MAT 7040

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

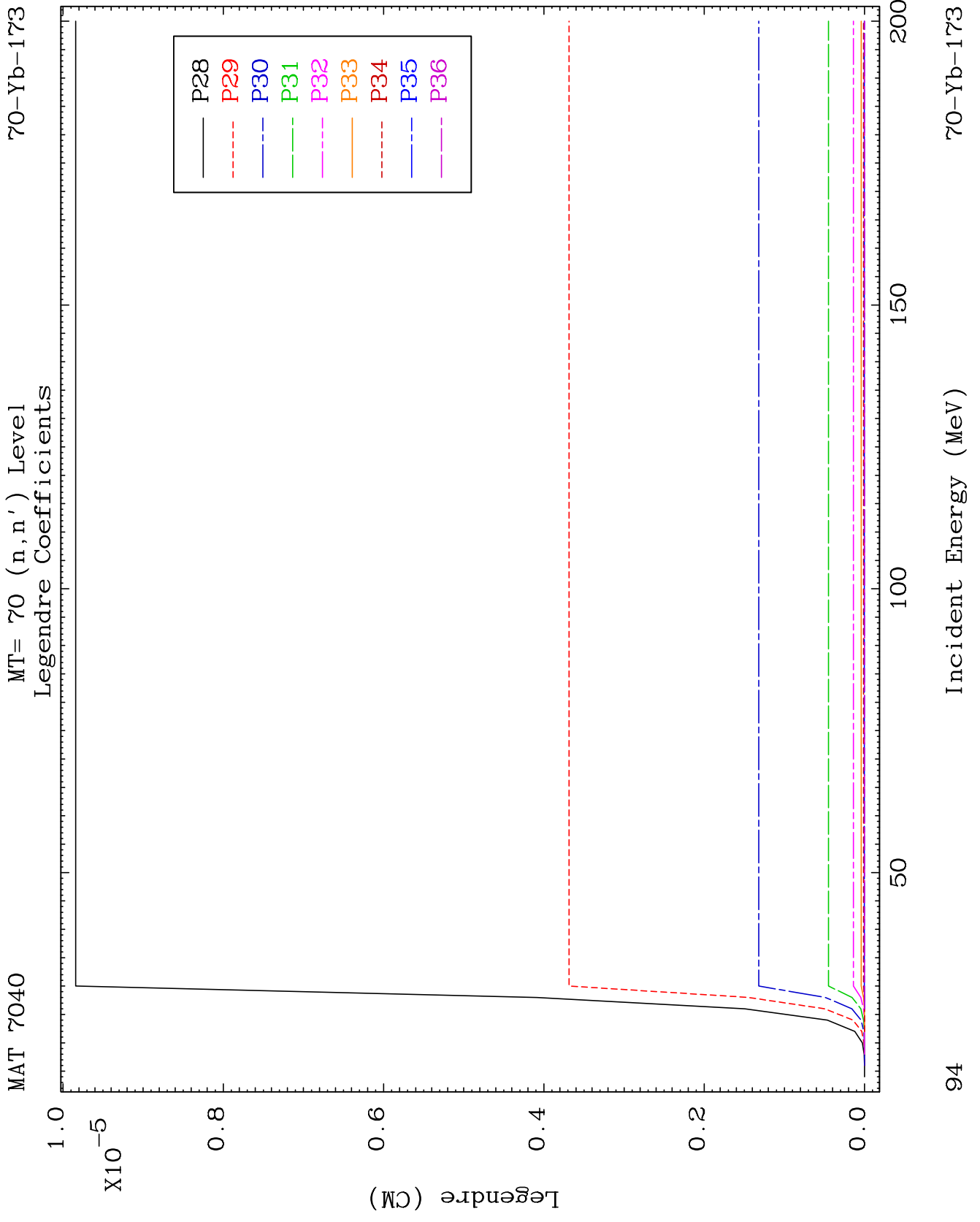
70-Yb-173

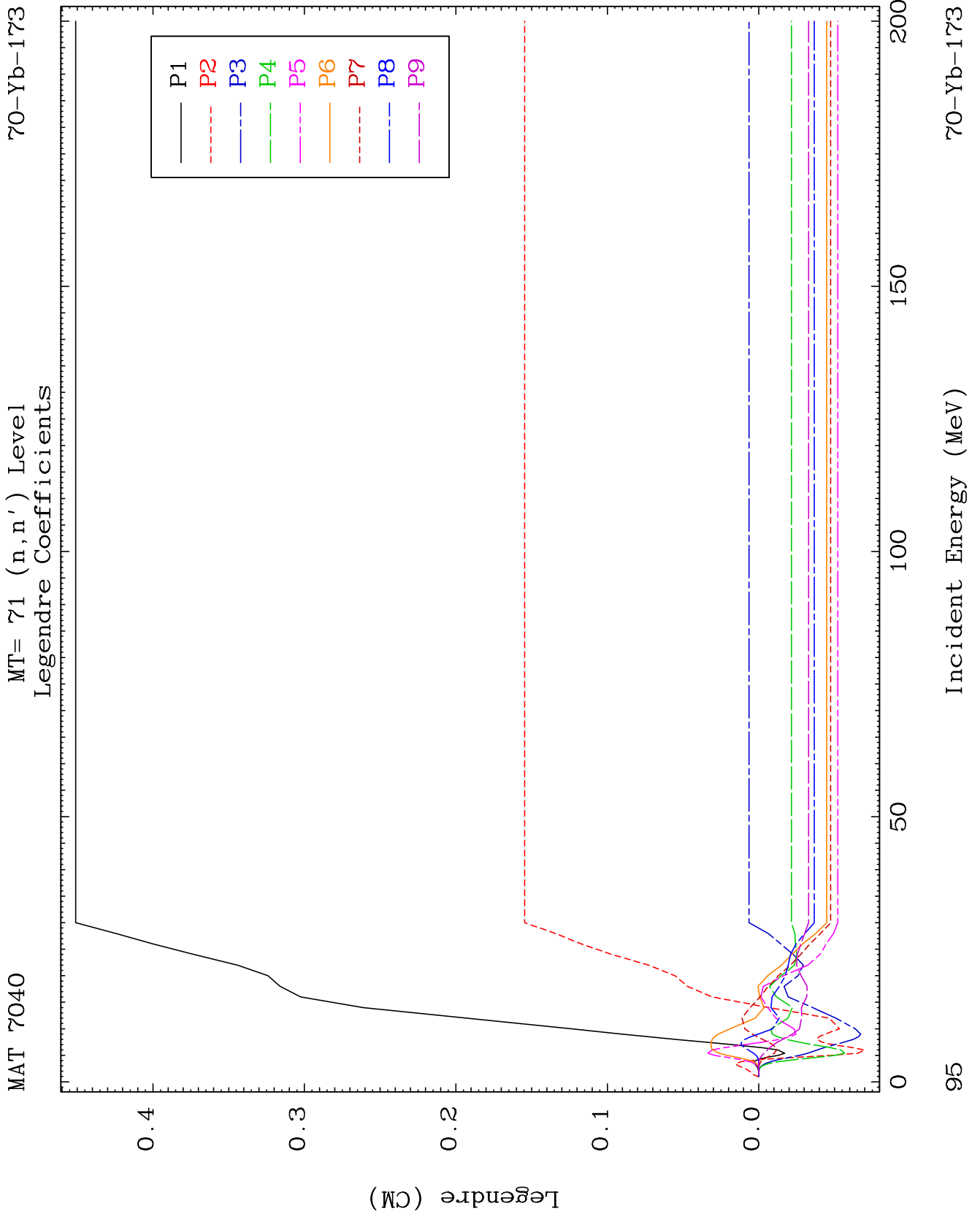


92

Incident Energy (MeV)

70-Yb-173

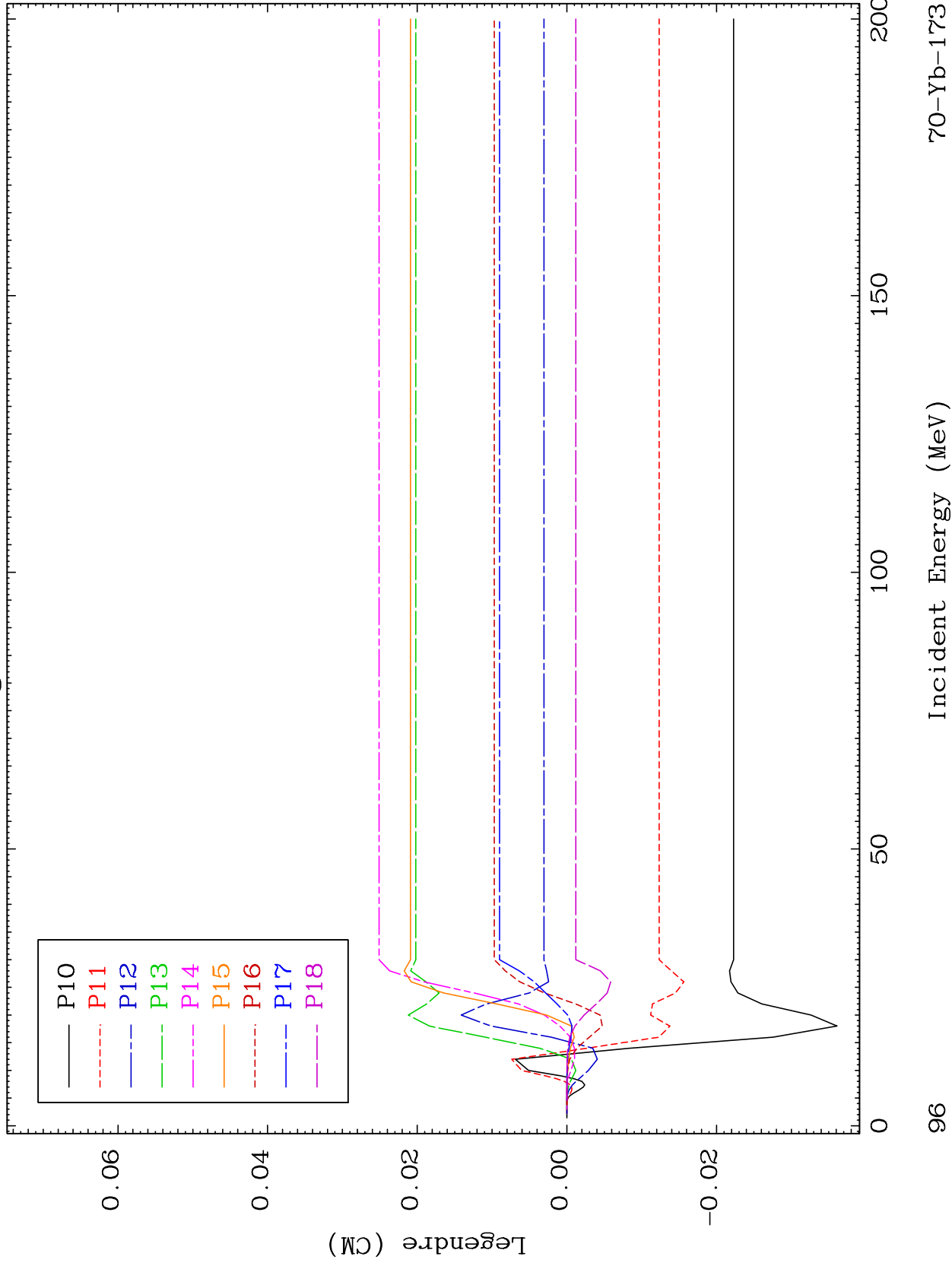




MAT 7040

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

70-Yb-173



96

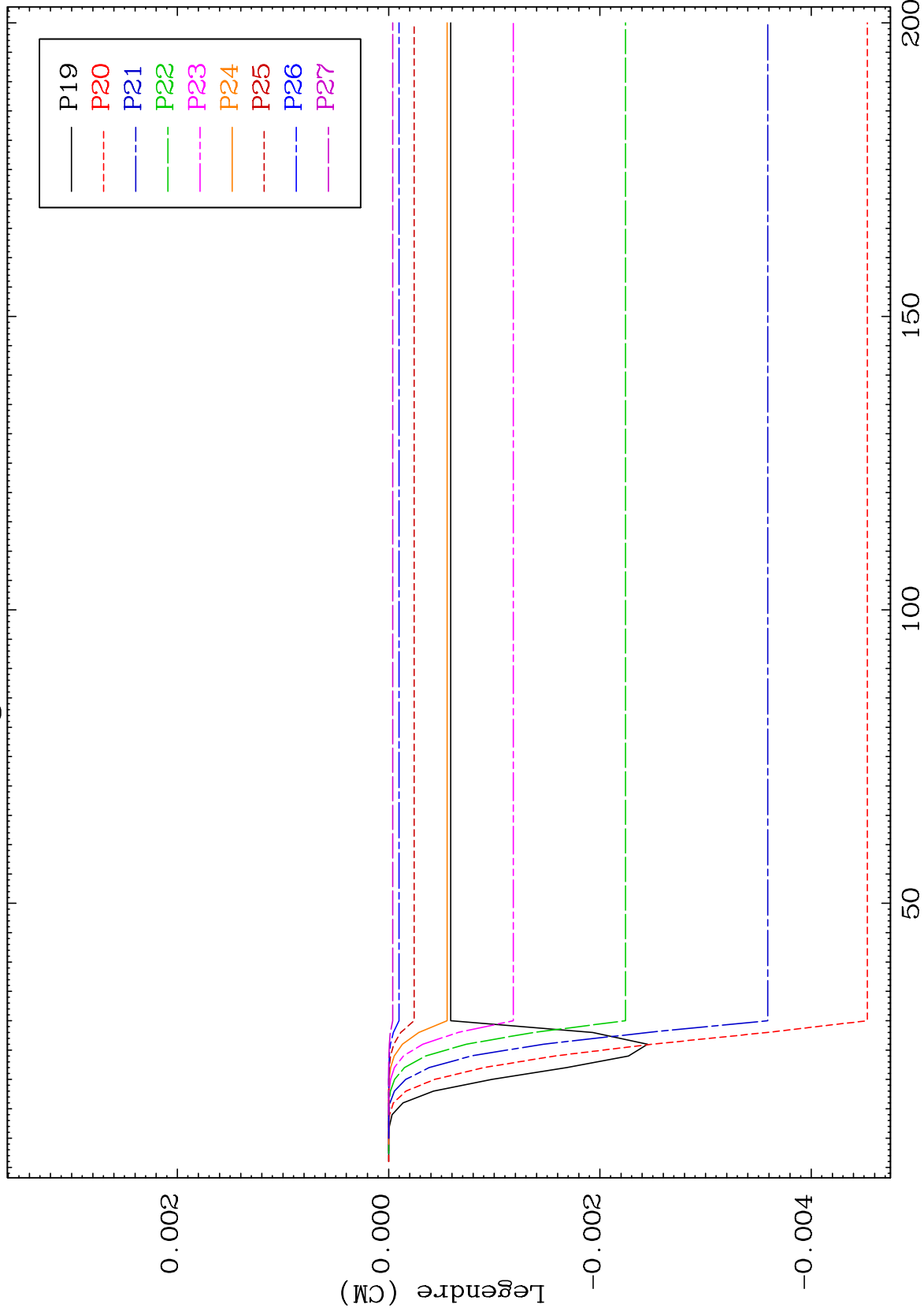
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

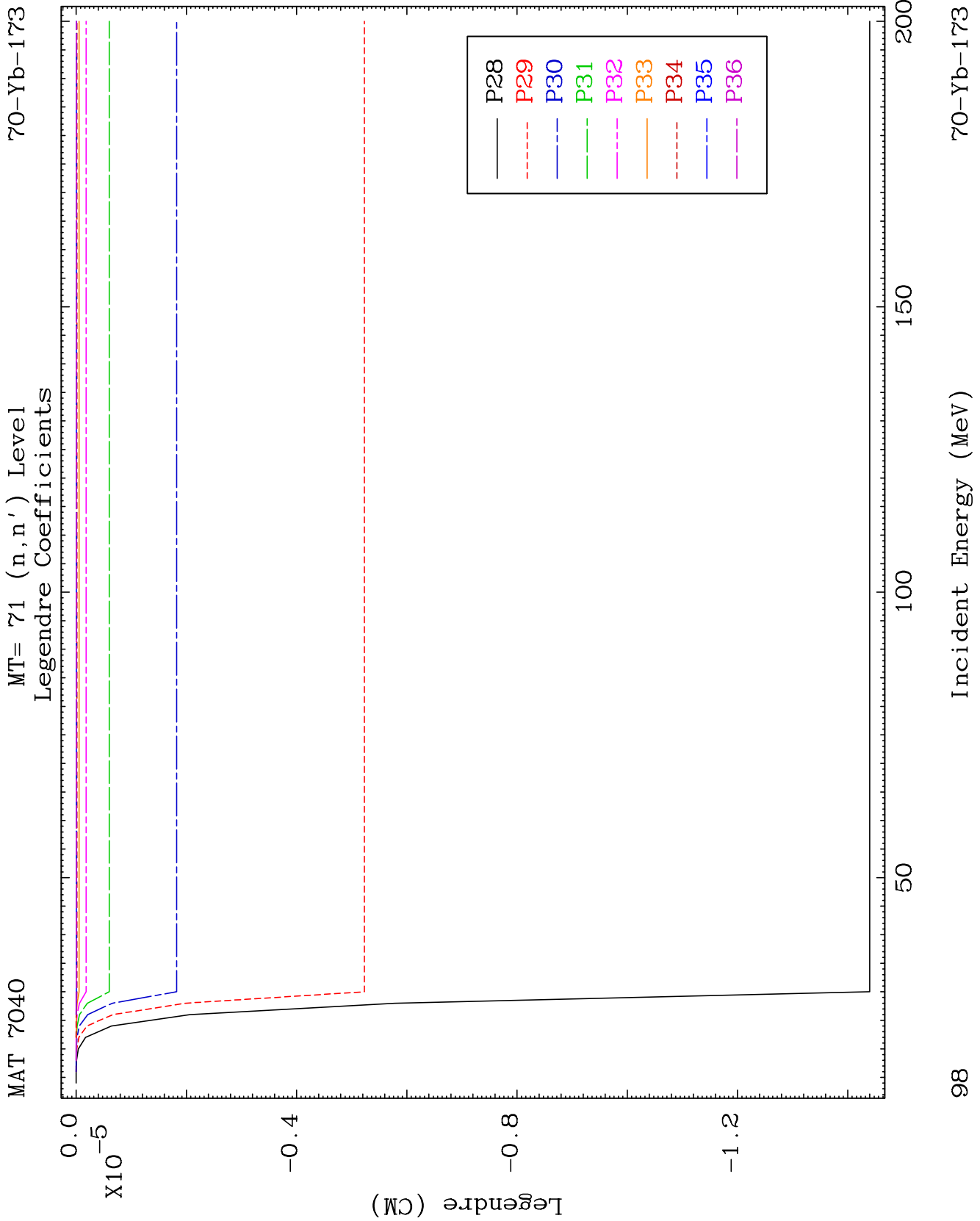
70-Yb-173



97

Incident Energy (MeV)

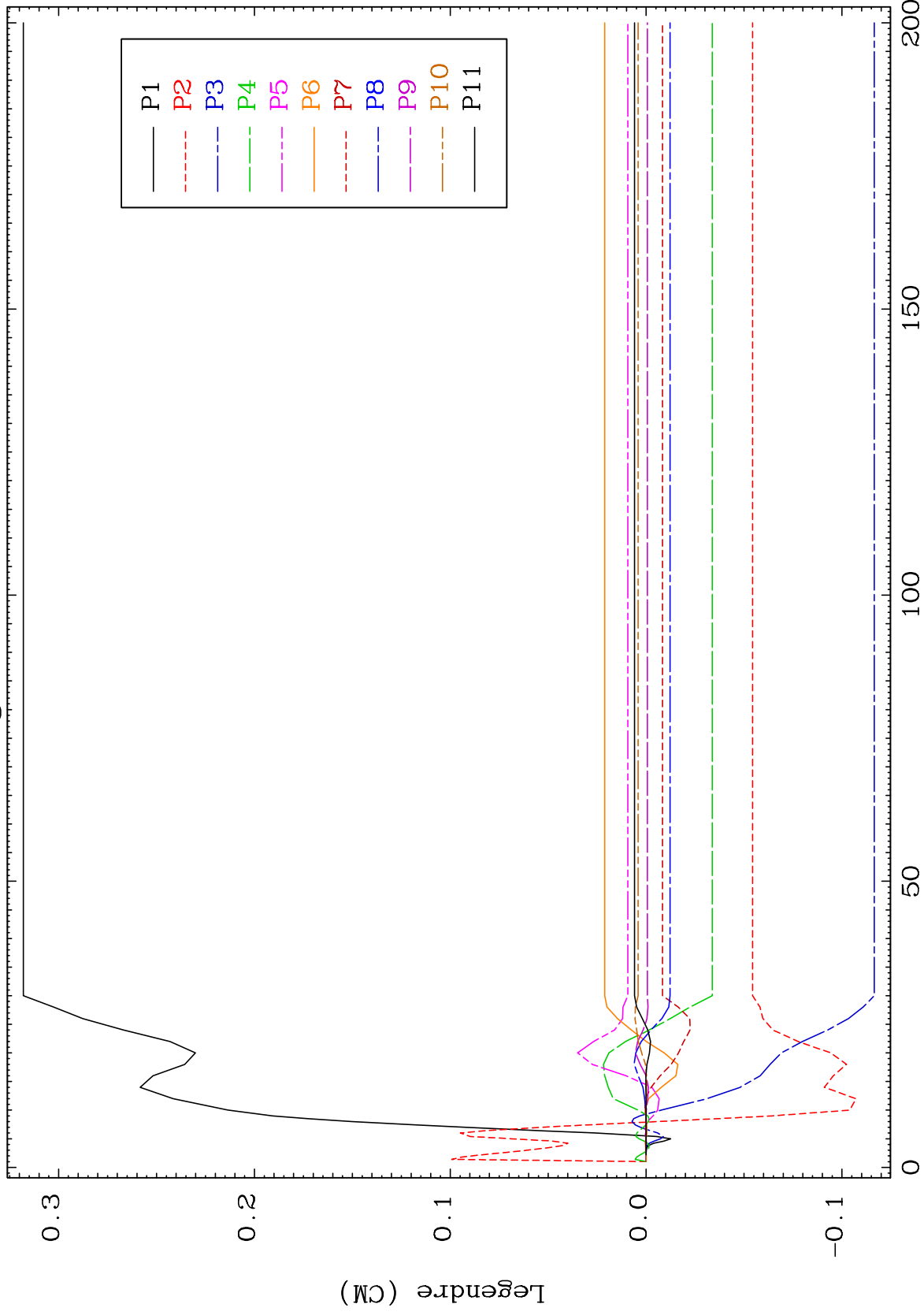
70-Yb-173



MAT 7040

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

70-Yb-173



99

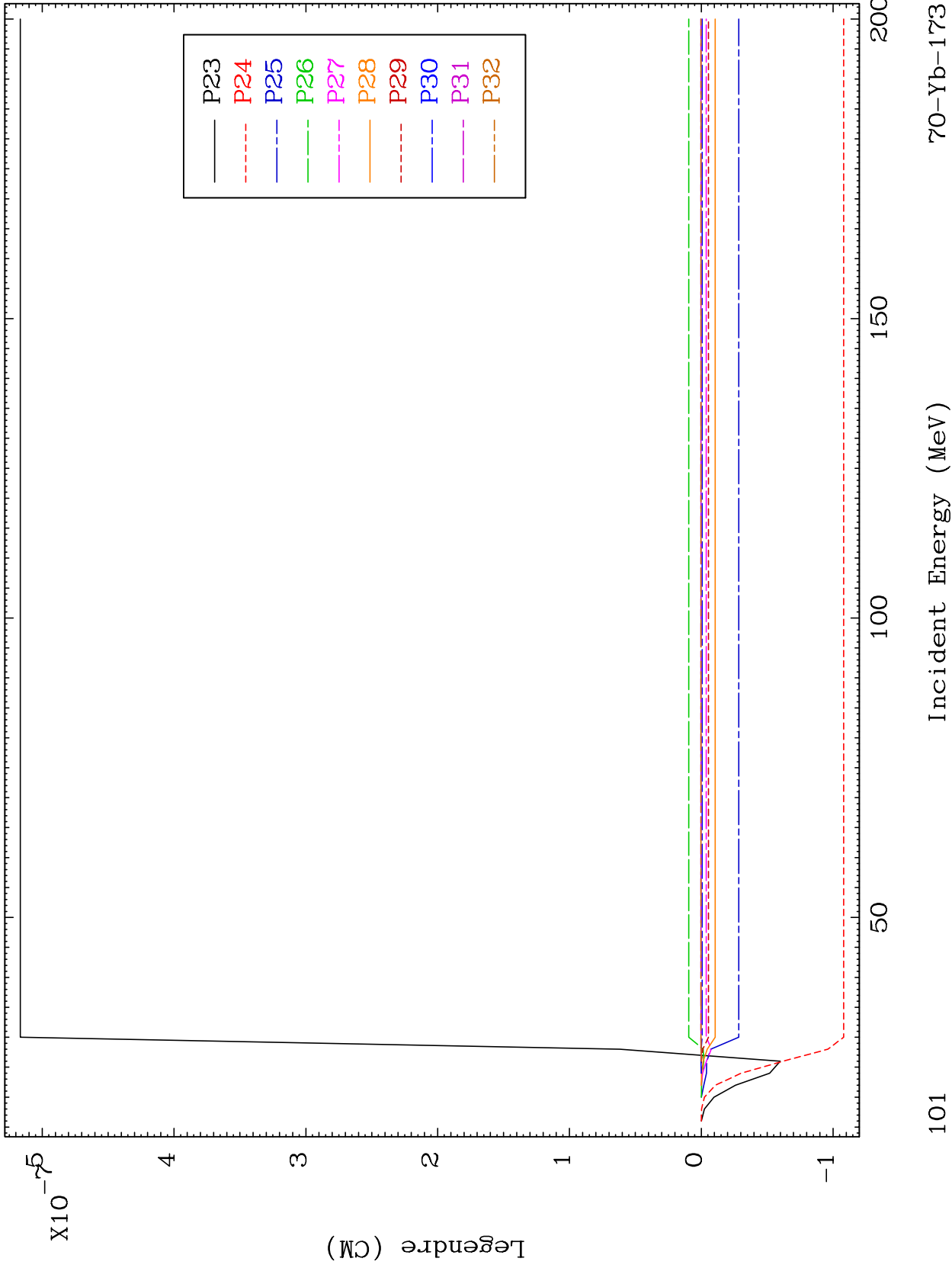
Incident Energy (MeV)

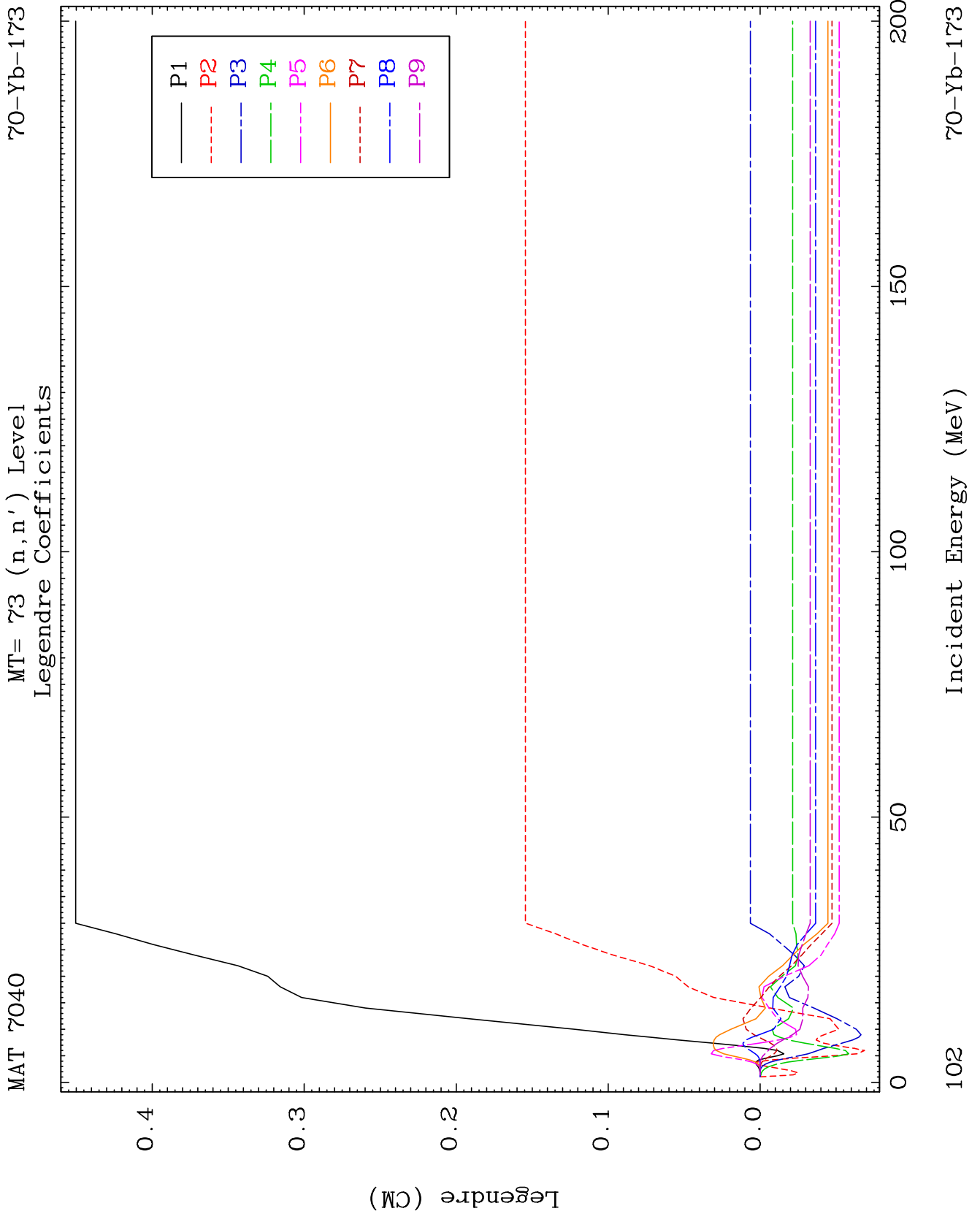
70-Yb-173

MAT 7040

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

70-Yb-173

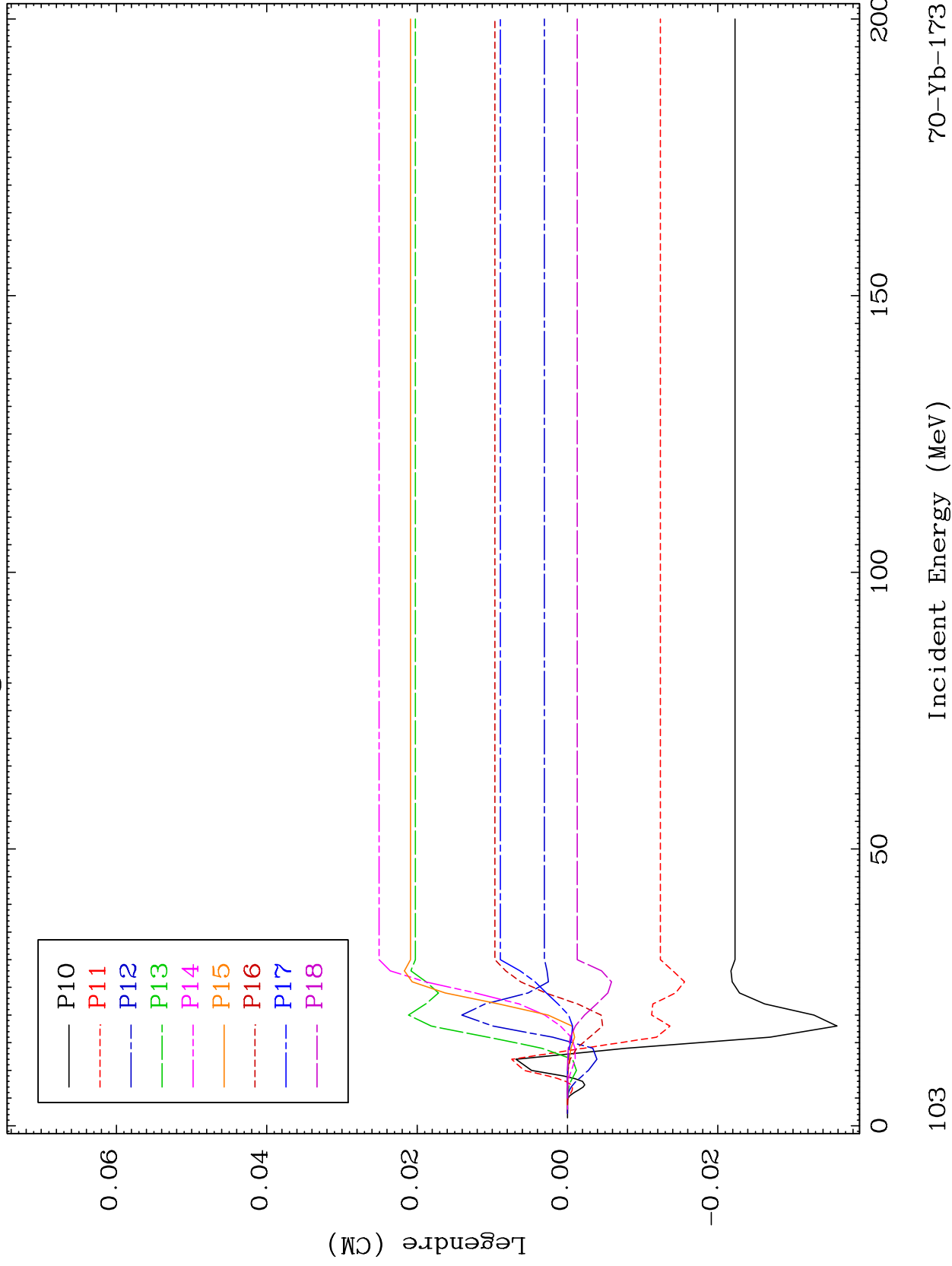




MAT 7040

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

70-Yb-173



103

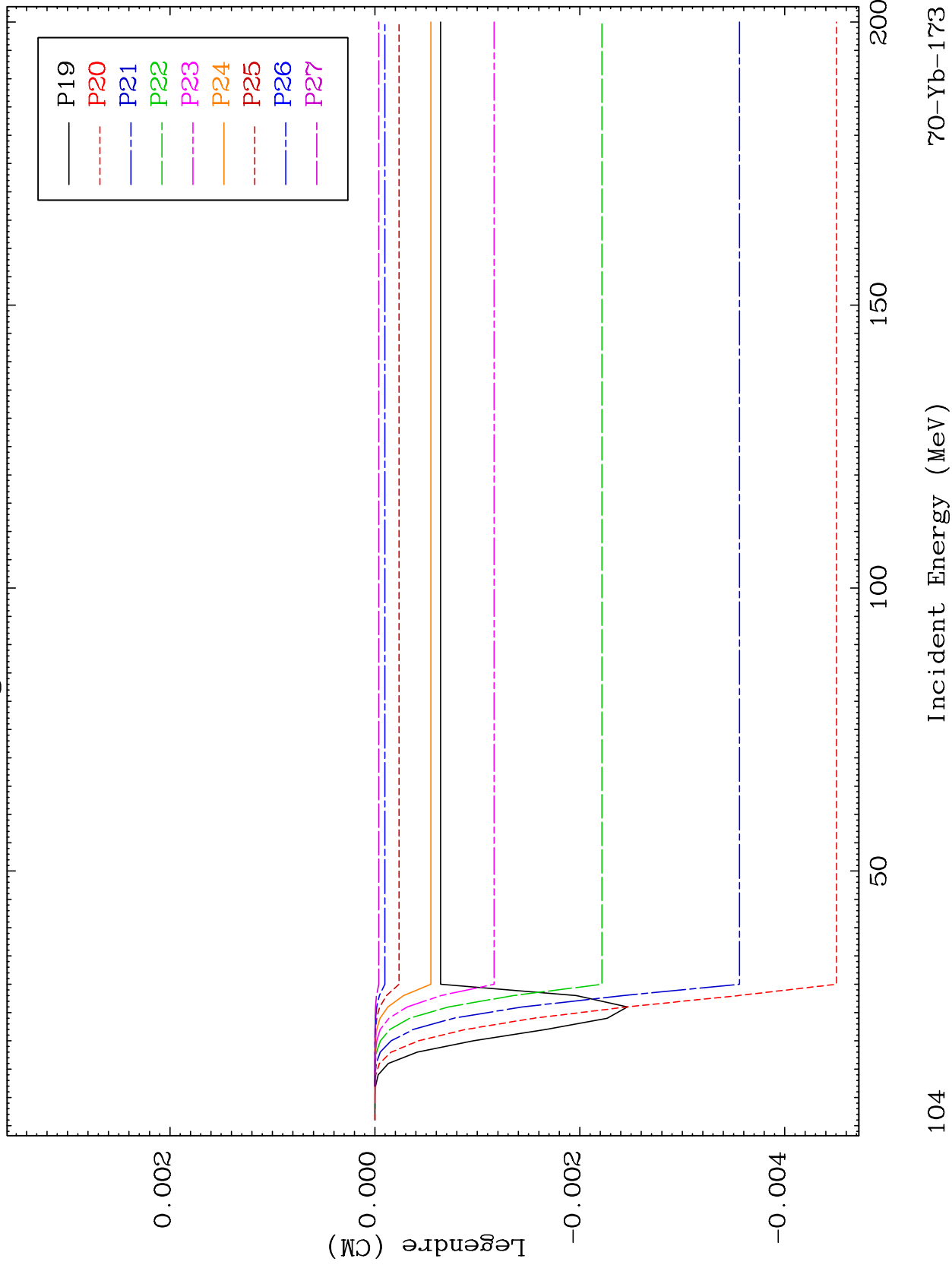
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

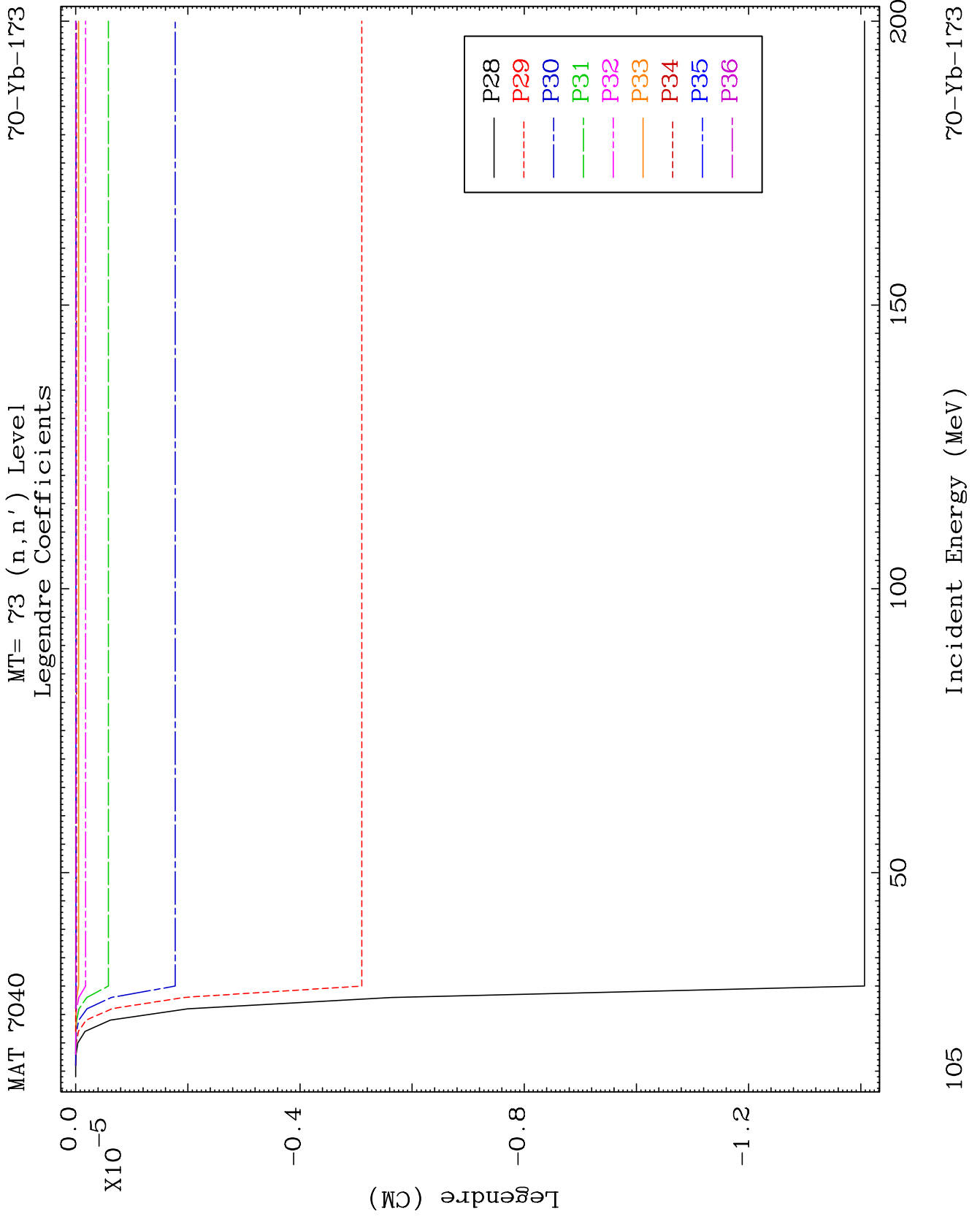
70-Yb-173

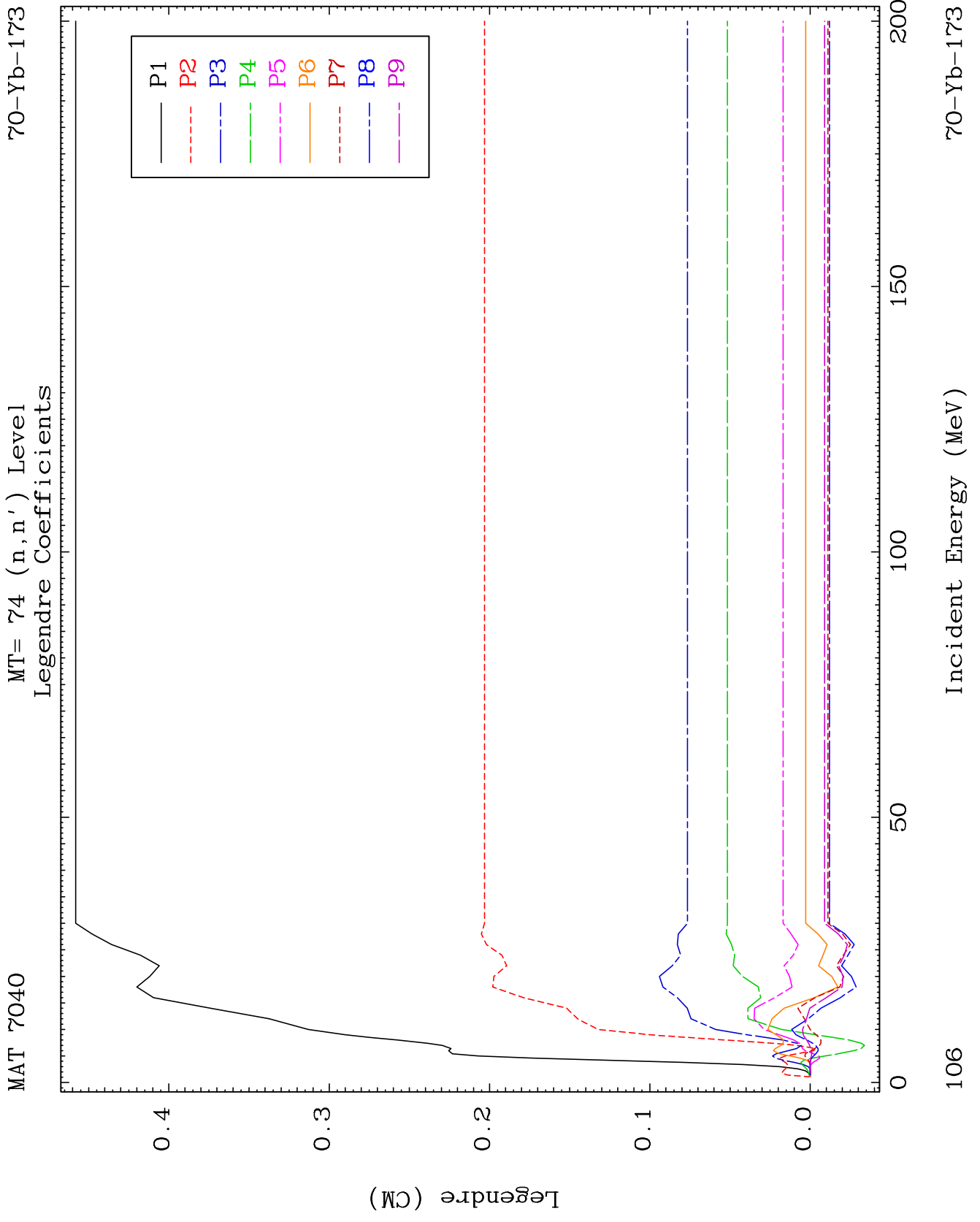


104

Incident Energy (MeV)

70-Yb-173

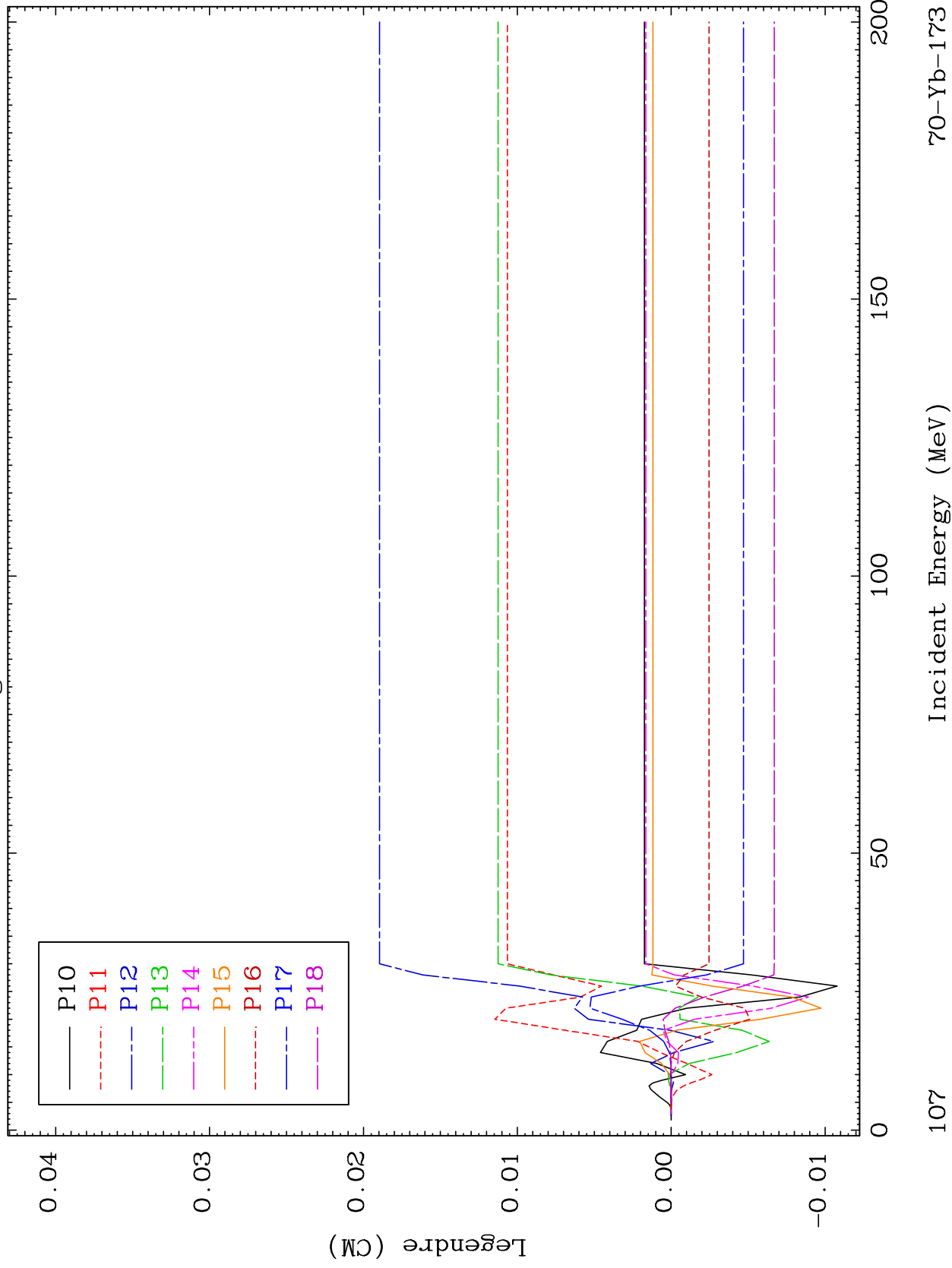




MAT 7040

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

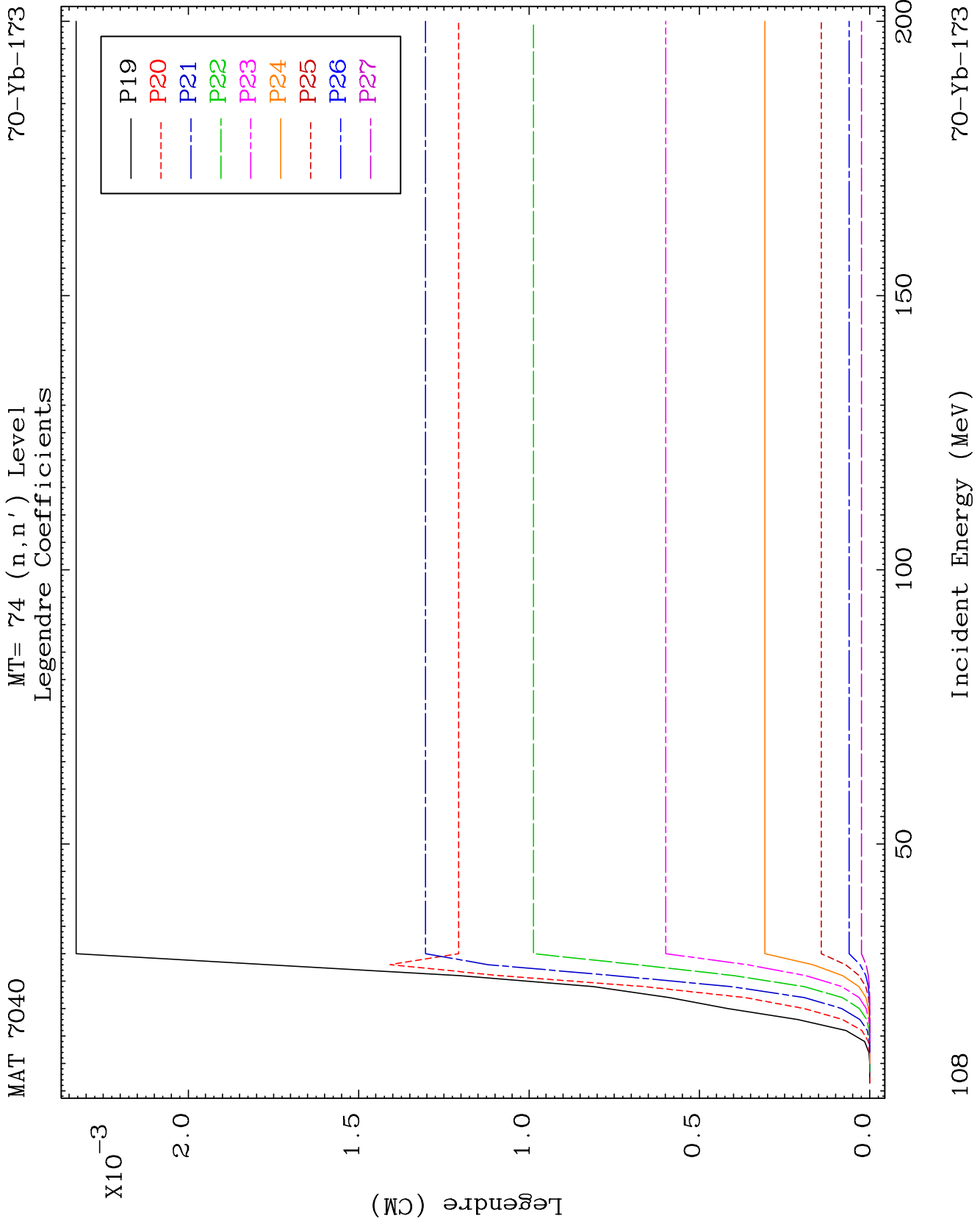
70-Yb-173



70-Yb-173

Incident Energy (MeV)

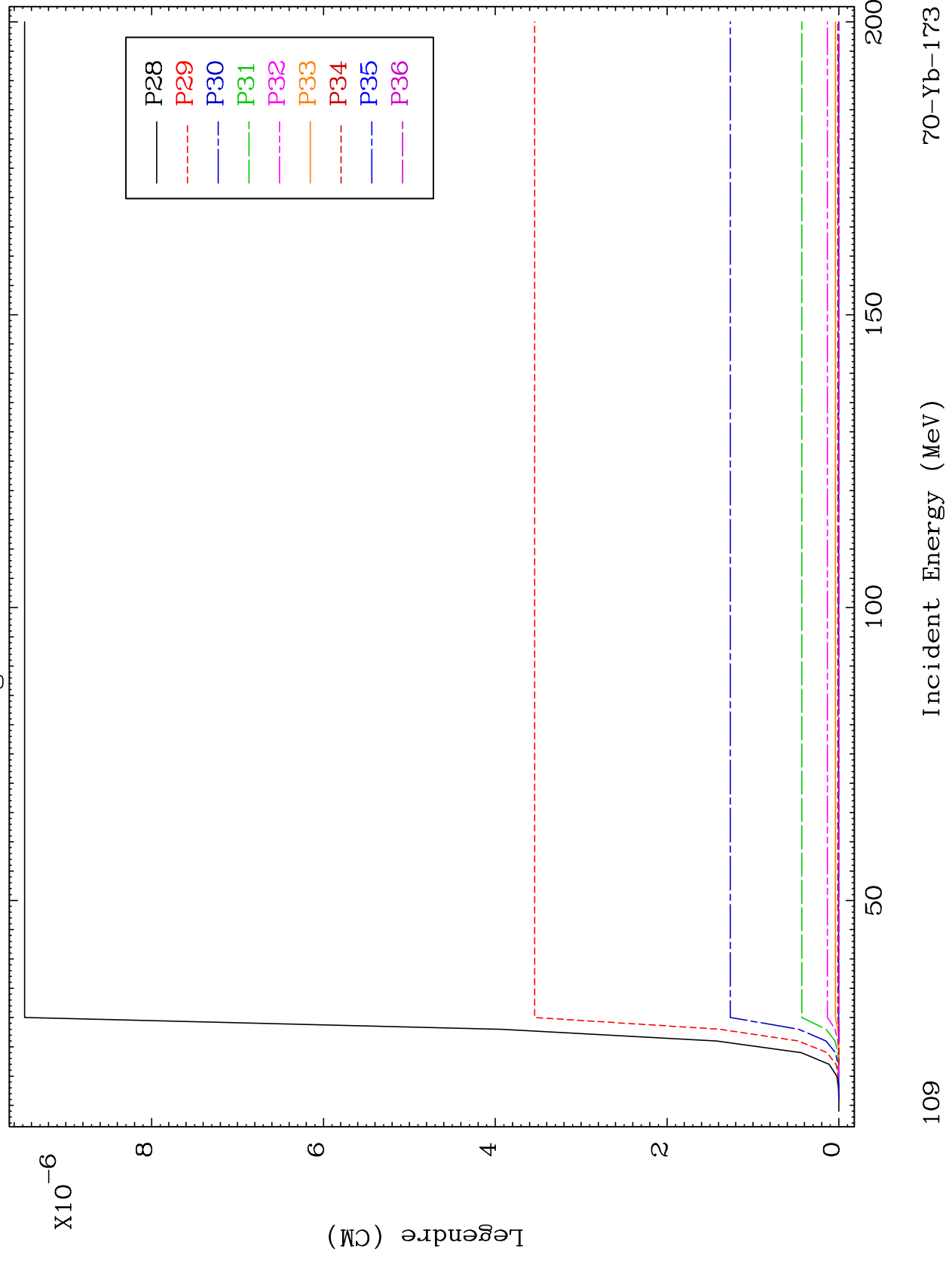
107



MAT 7040

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

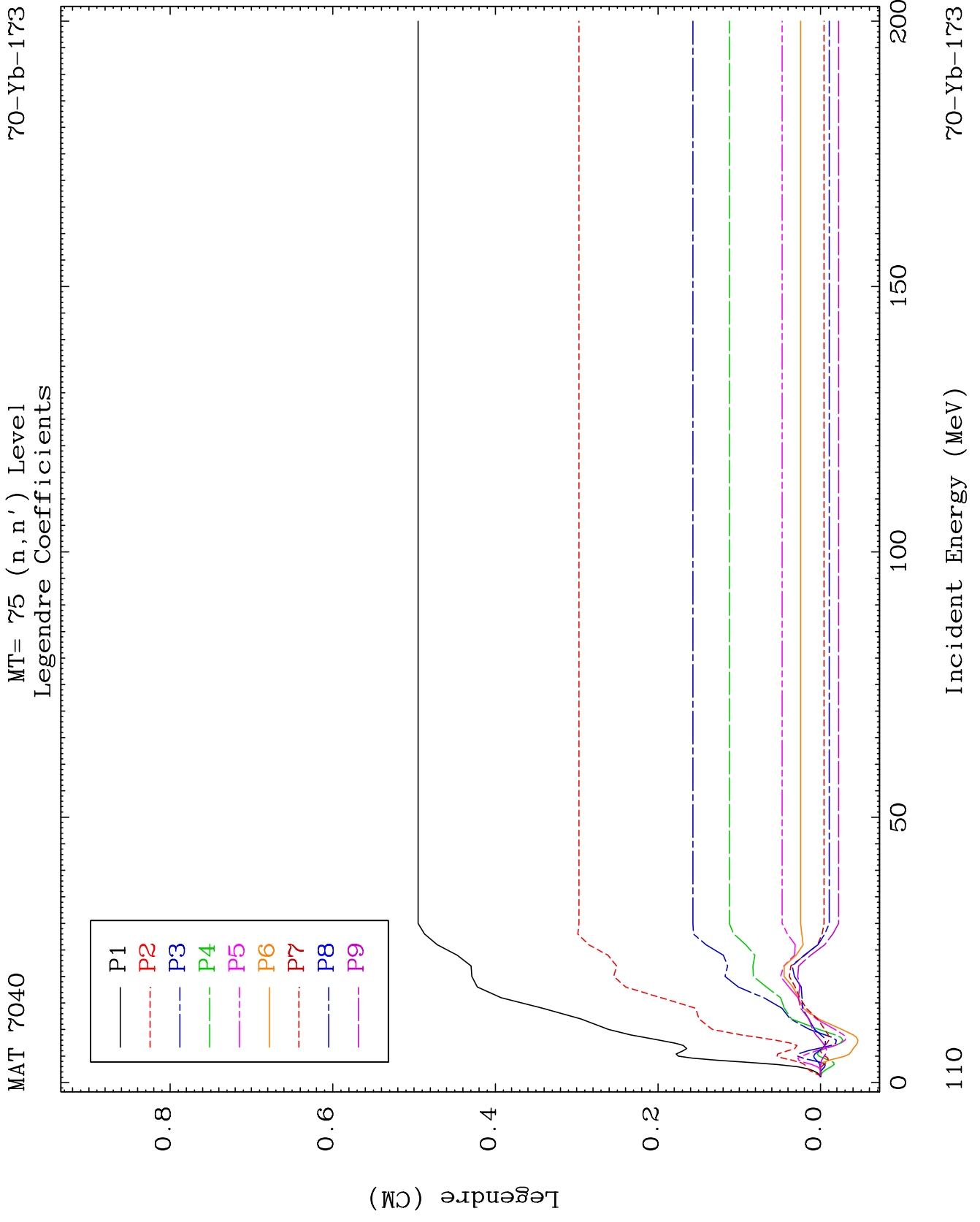
70-Yb-173

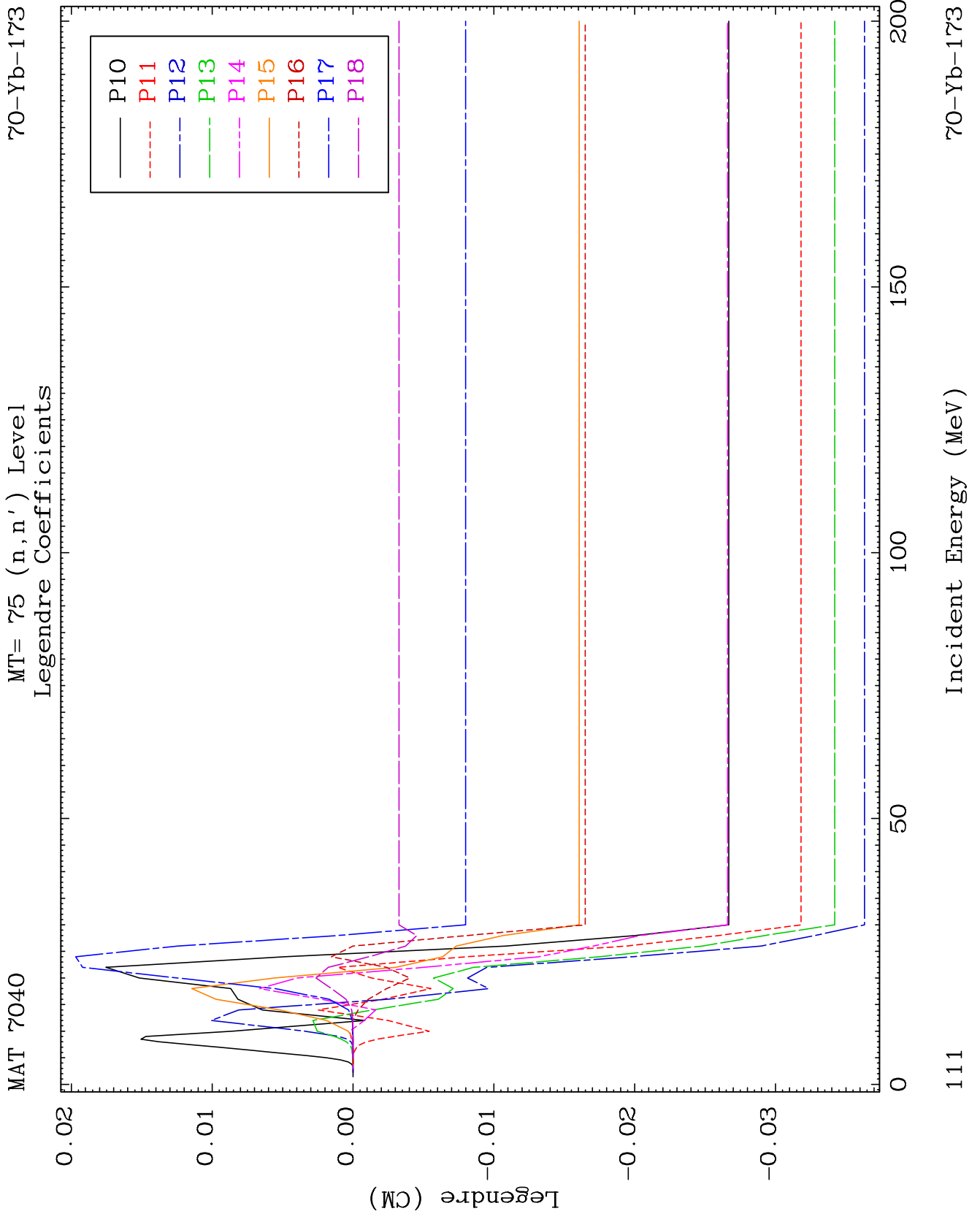


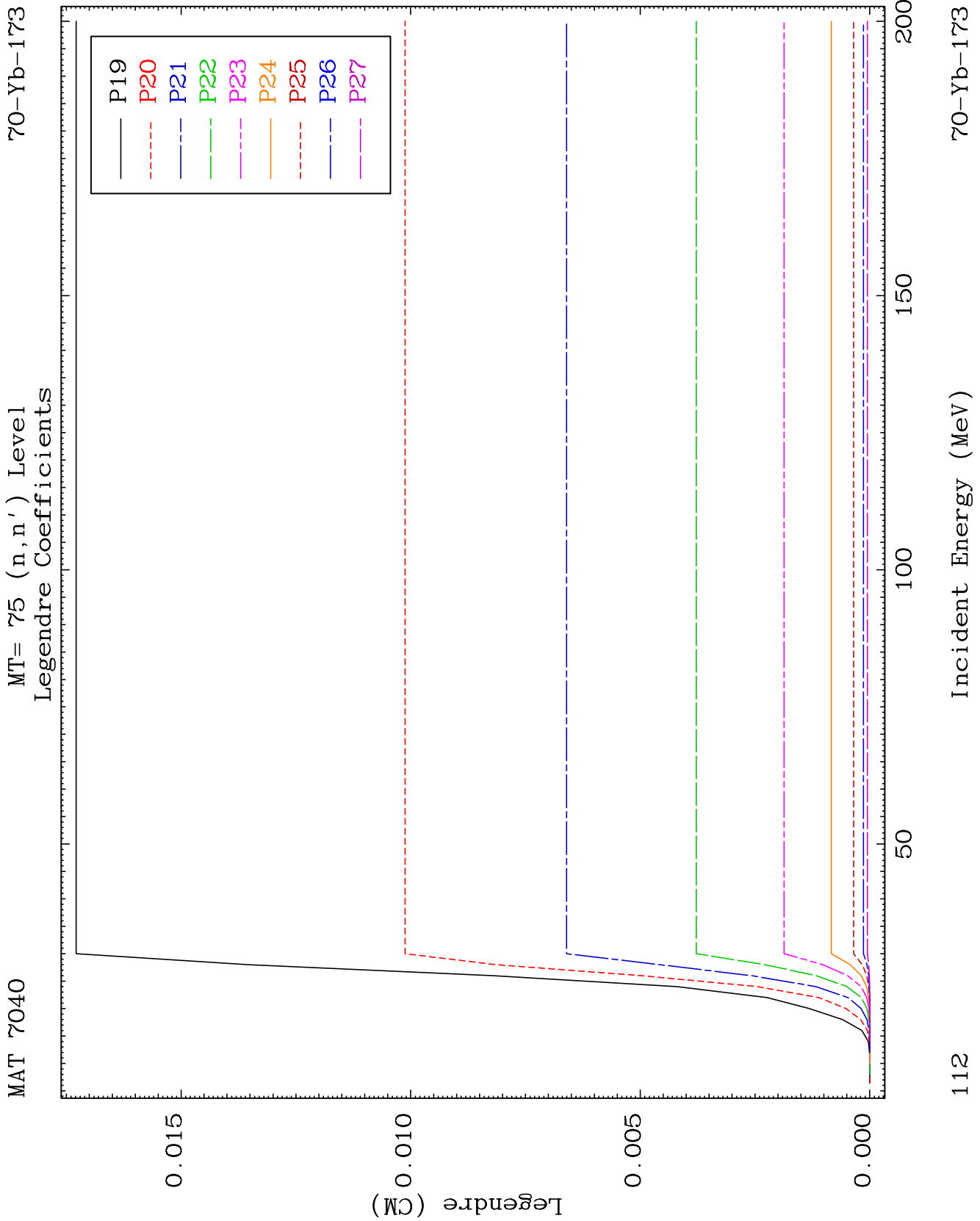
109

Incident Energy (MeV)

70-Yb-173



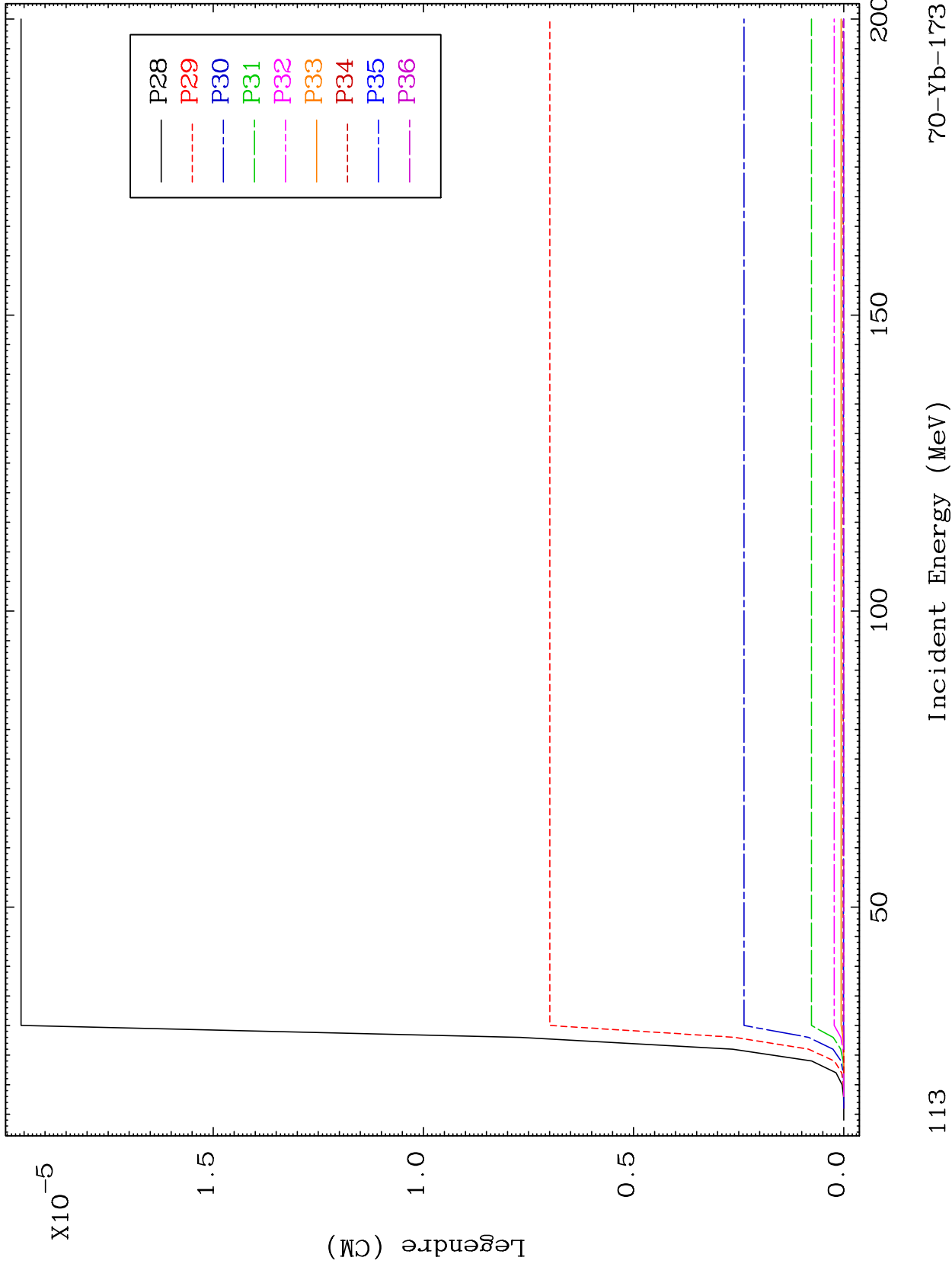




MAT 7040

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

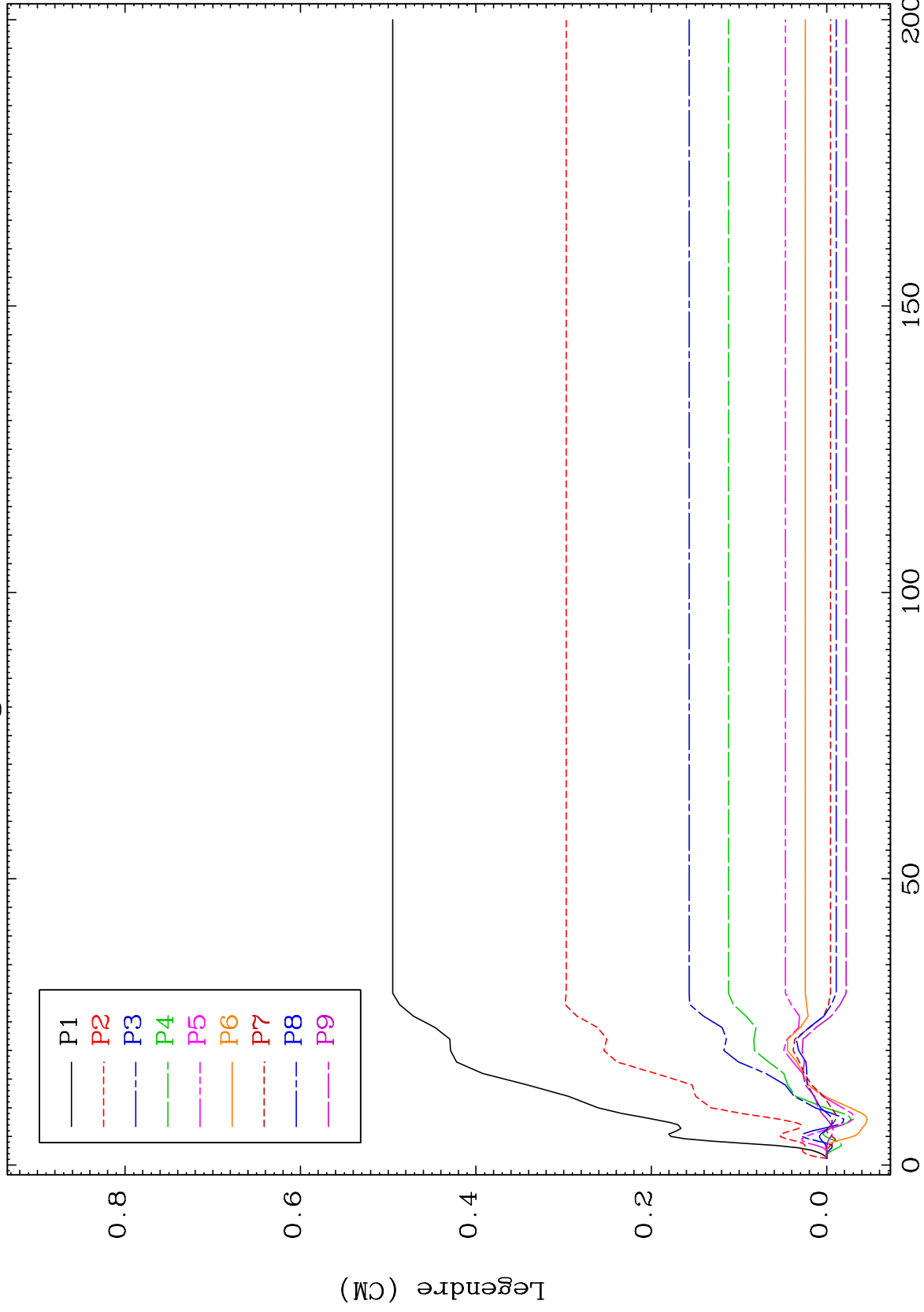
70-Yb-173



MAT 7040

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

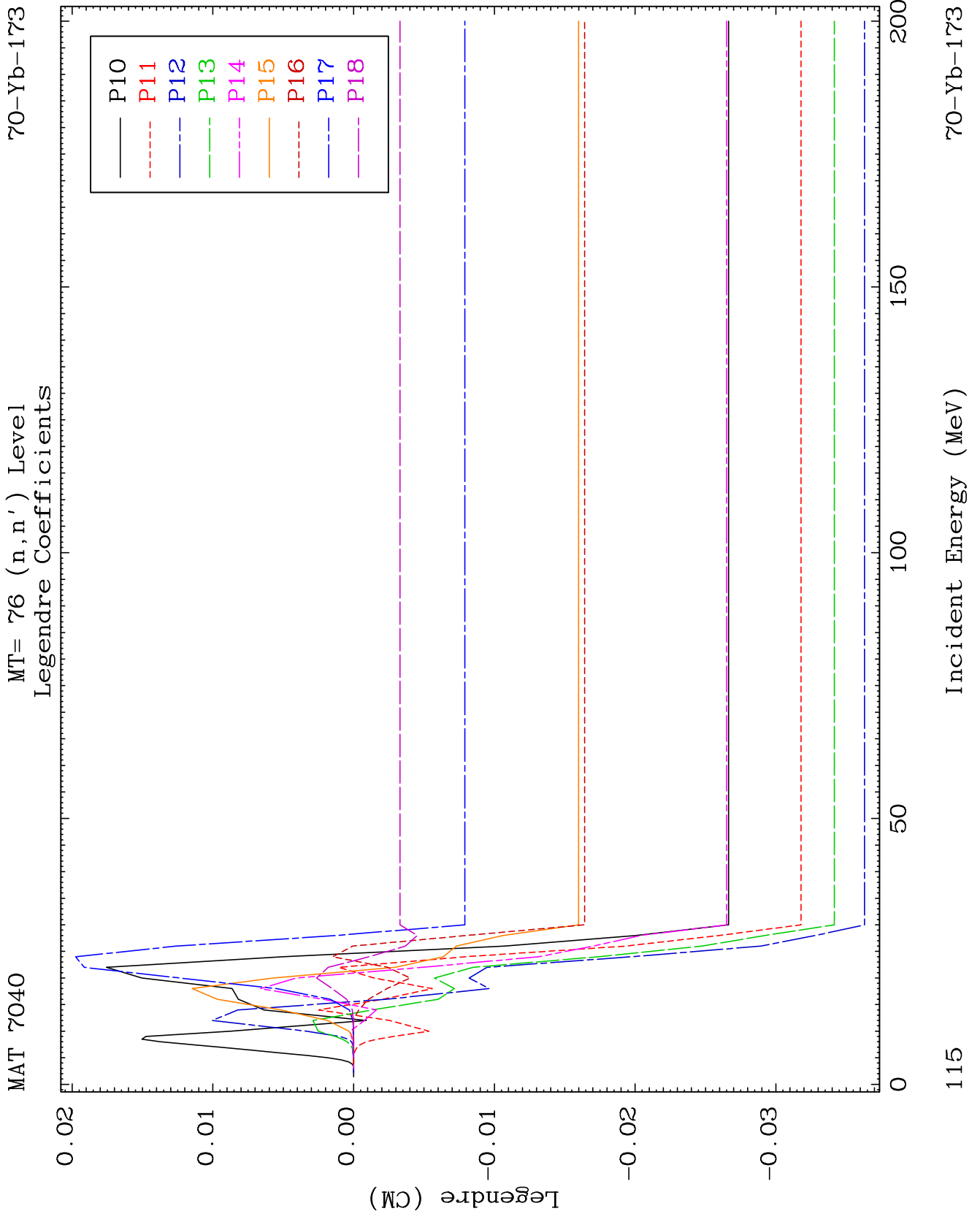
70-Yb-173

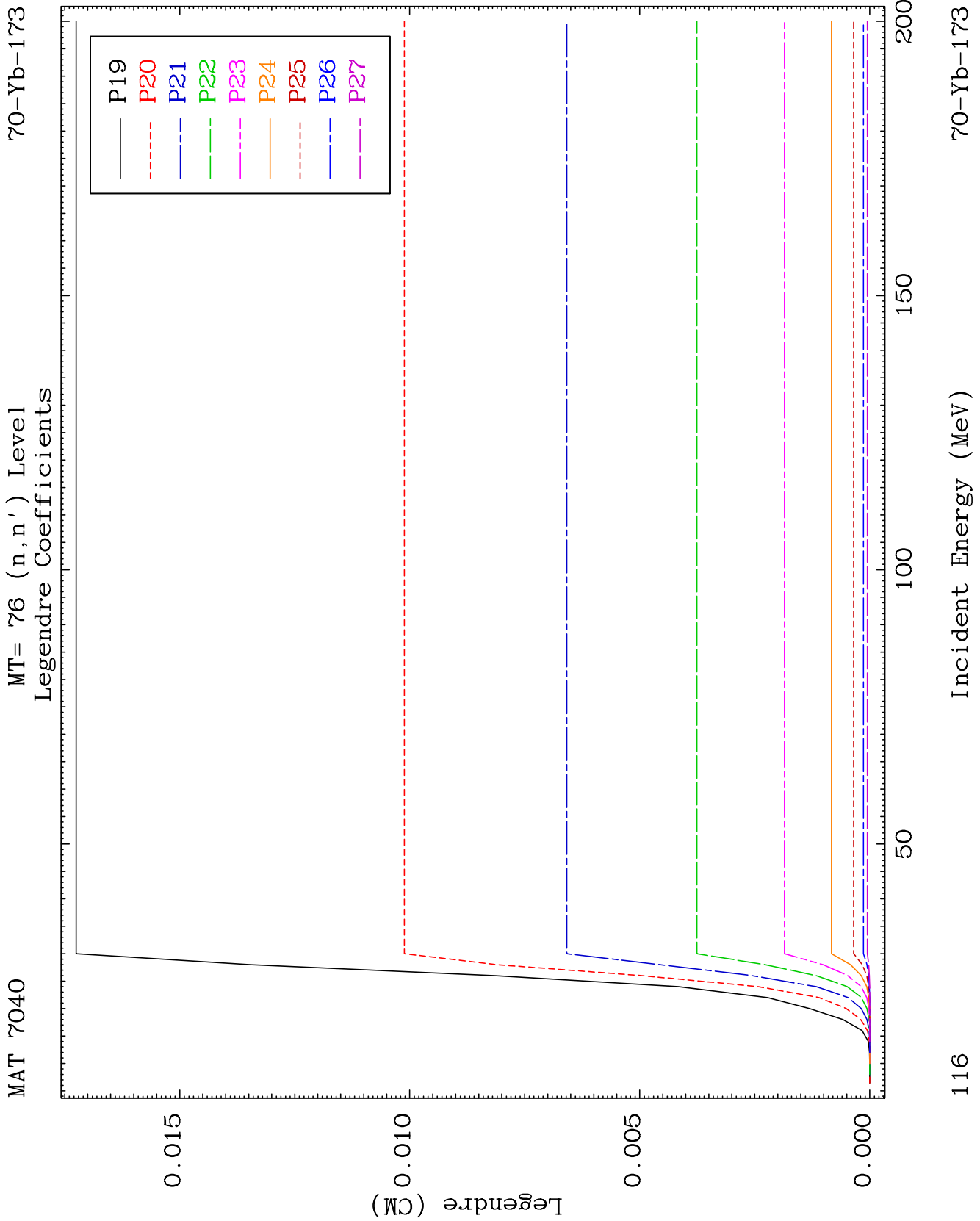


114

Incident Energy (MeV)

70-Yb-173

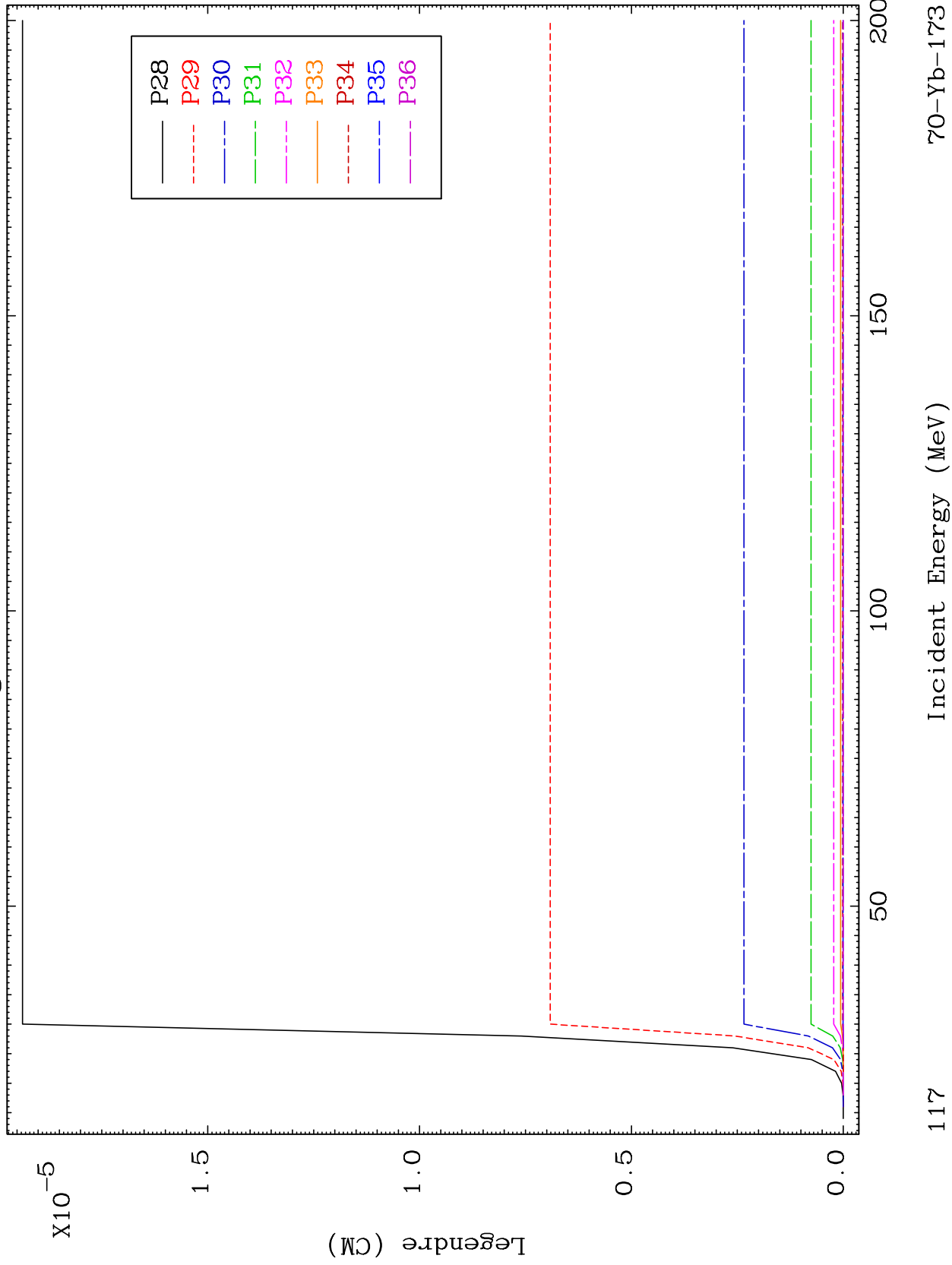




MAT 7040

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

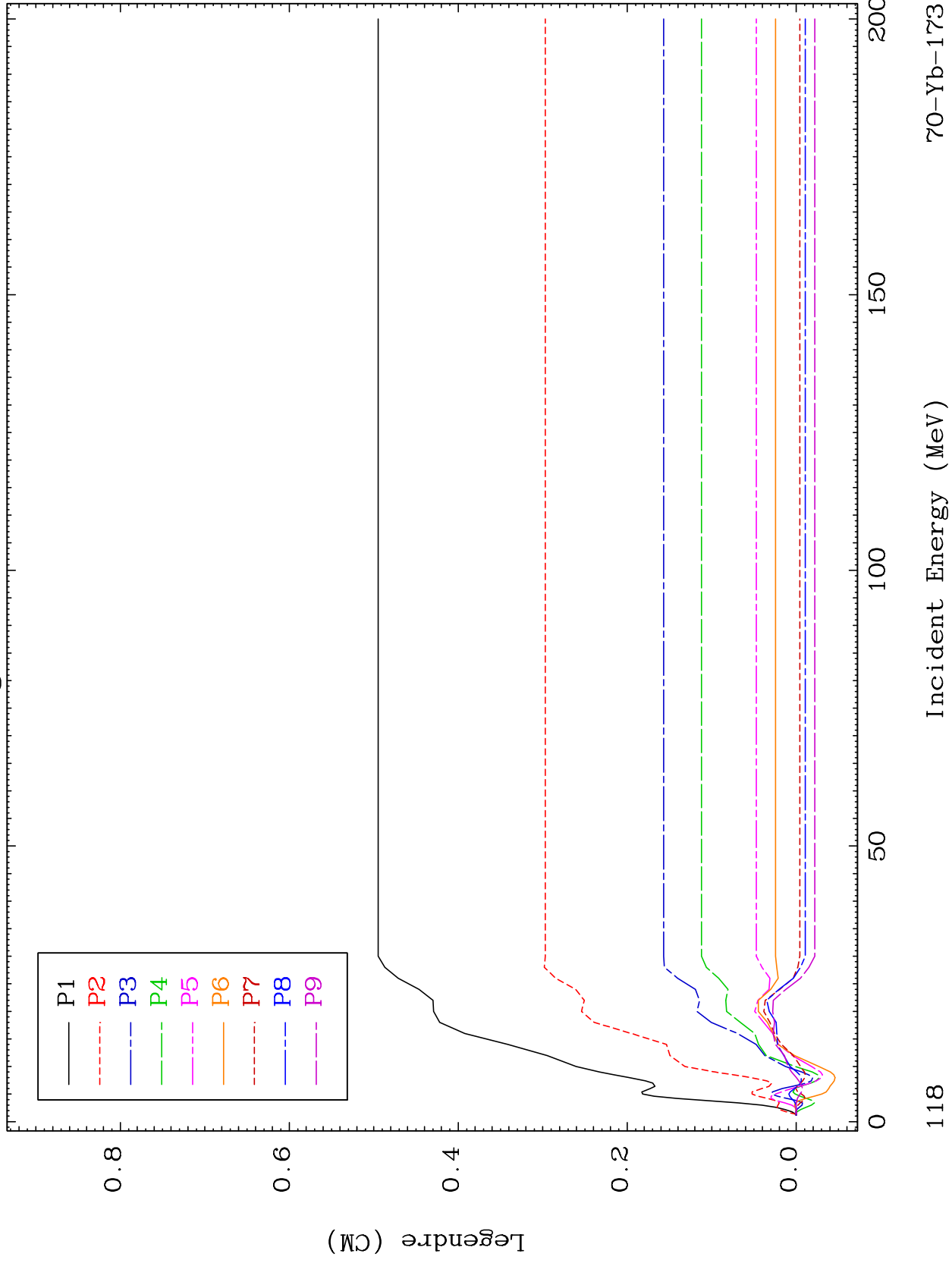
70-Yb-173



MAT 7040

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

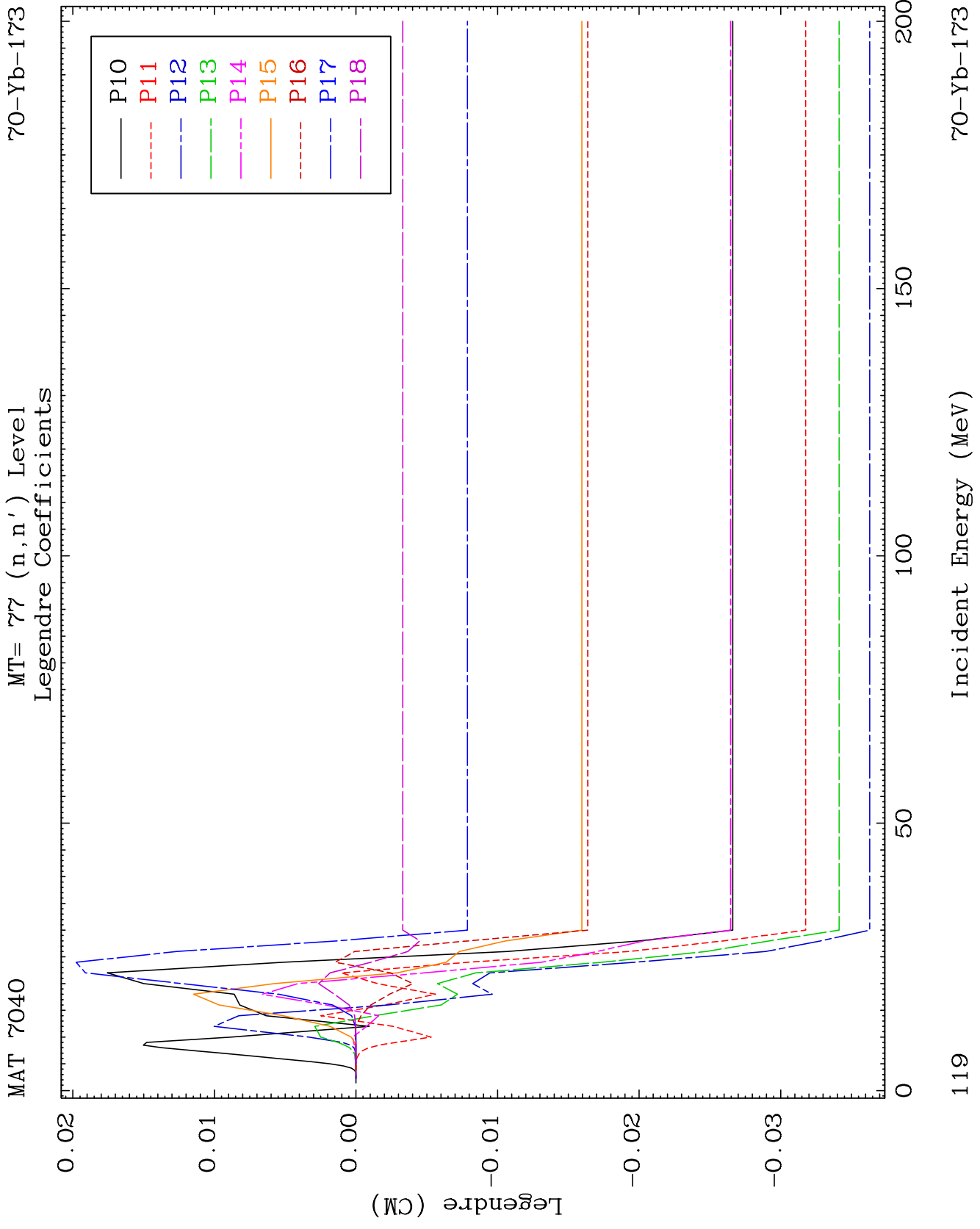
70-Yb-173

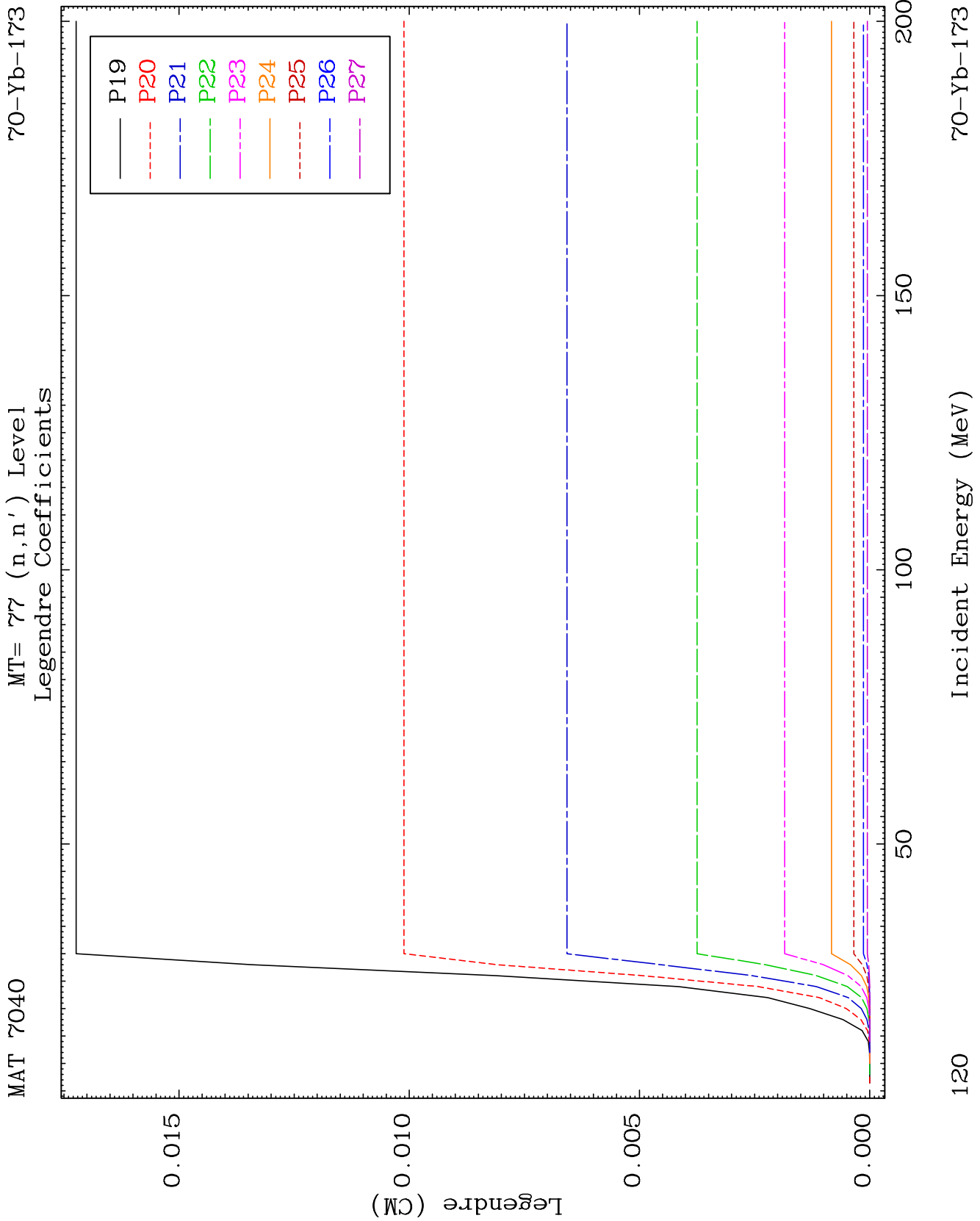


118

Incident Energy (MeV)

70-Yb-173

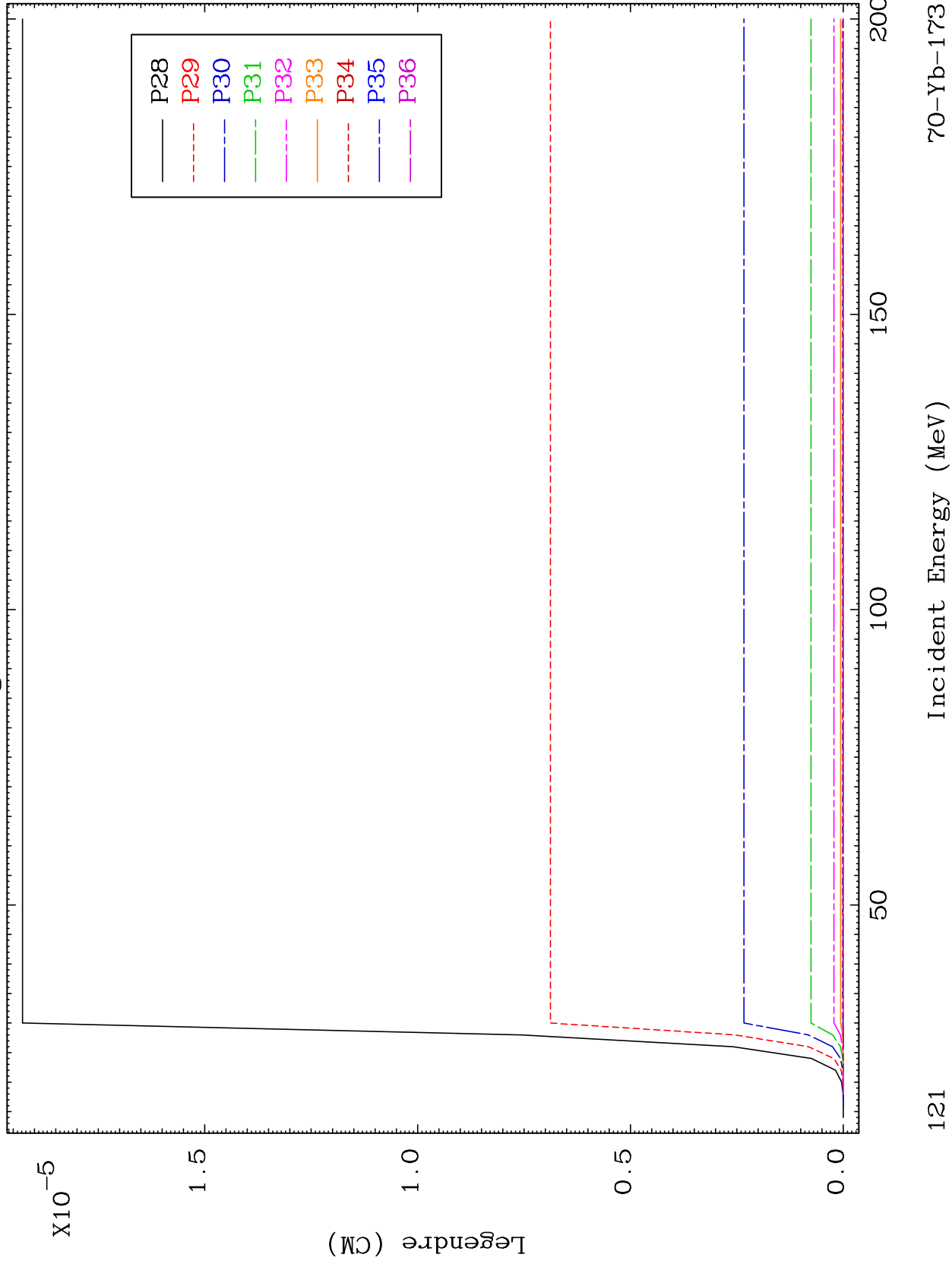


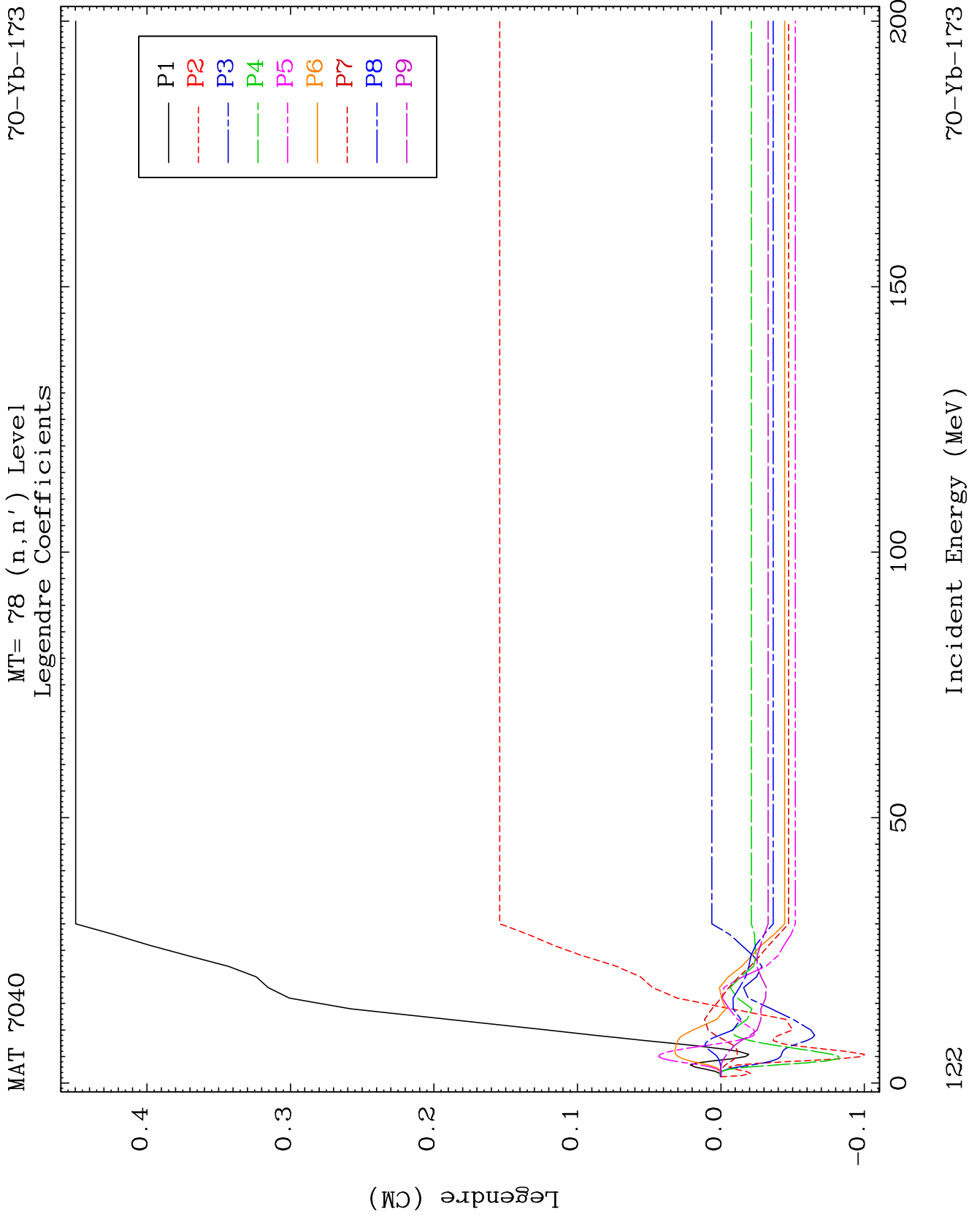


MAT 7040

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

70-Yb-173

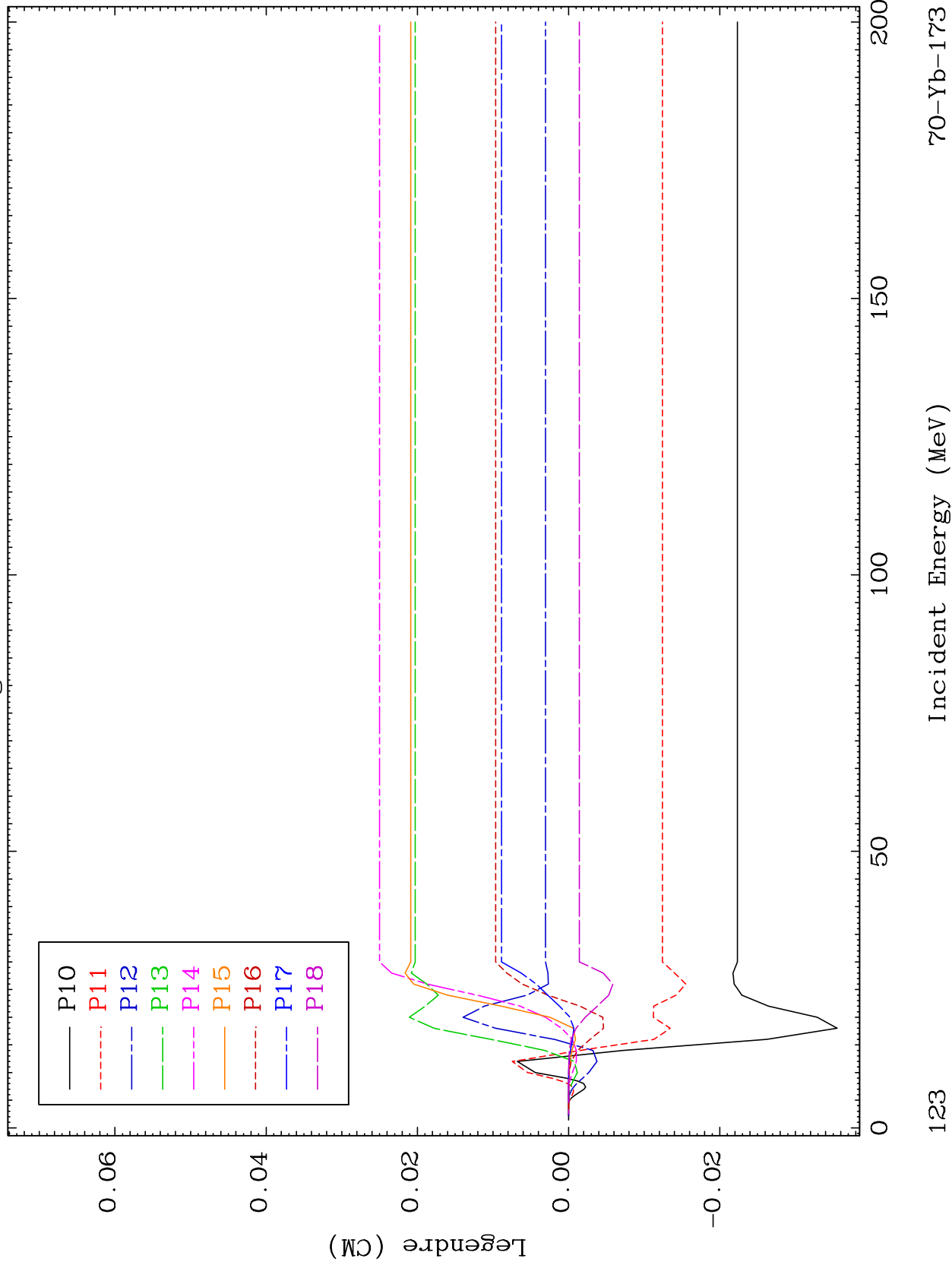




MAT 7040

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

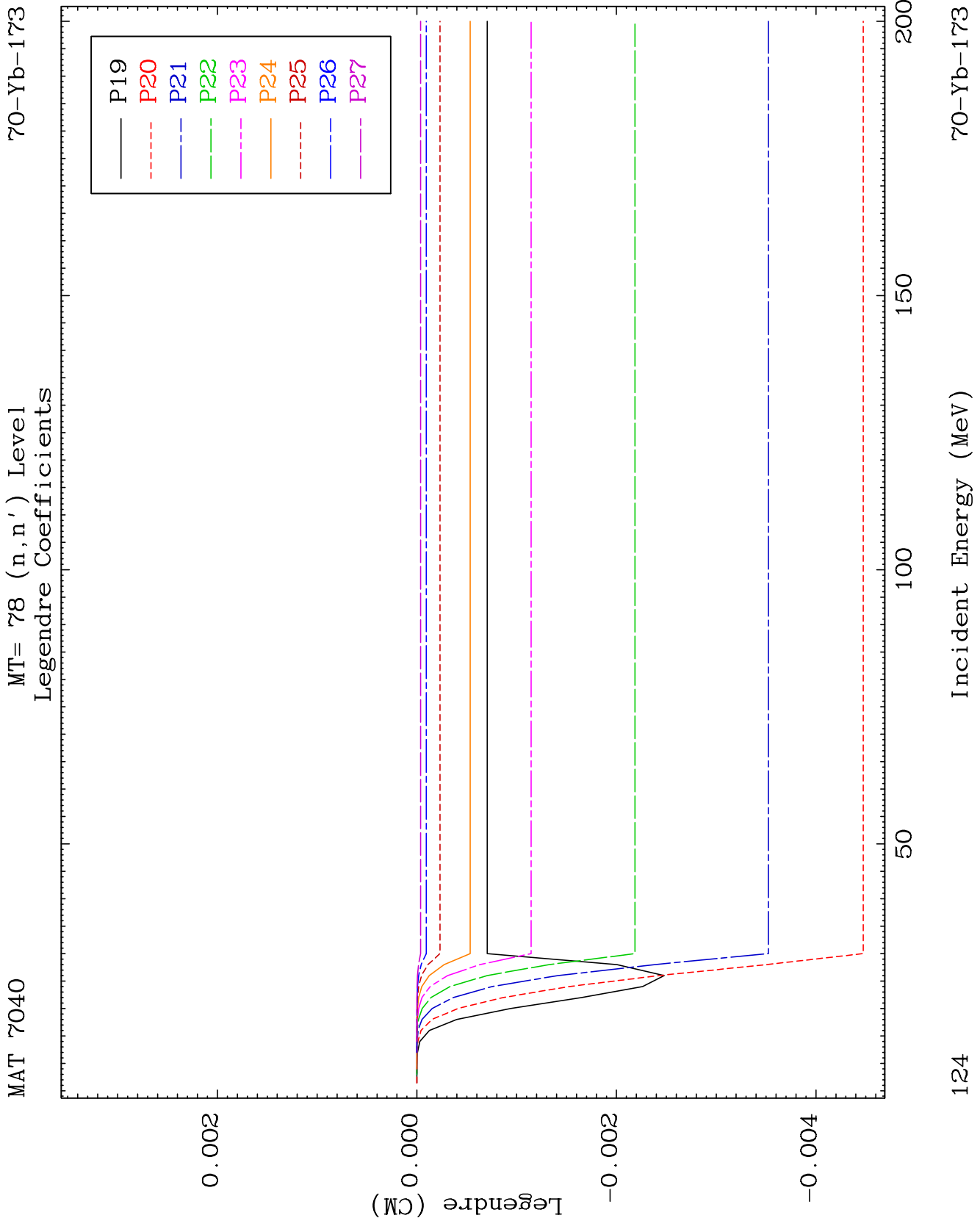
70-Yb-173

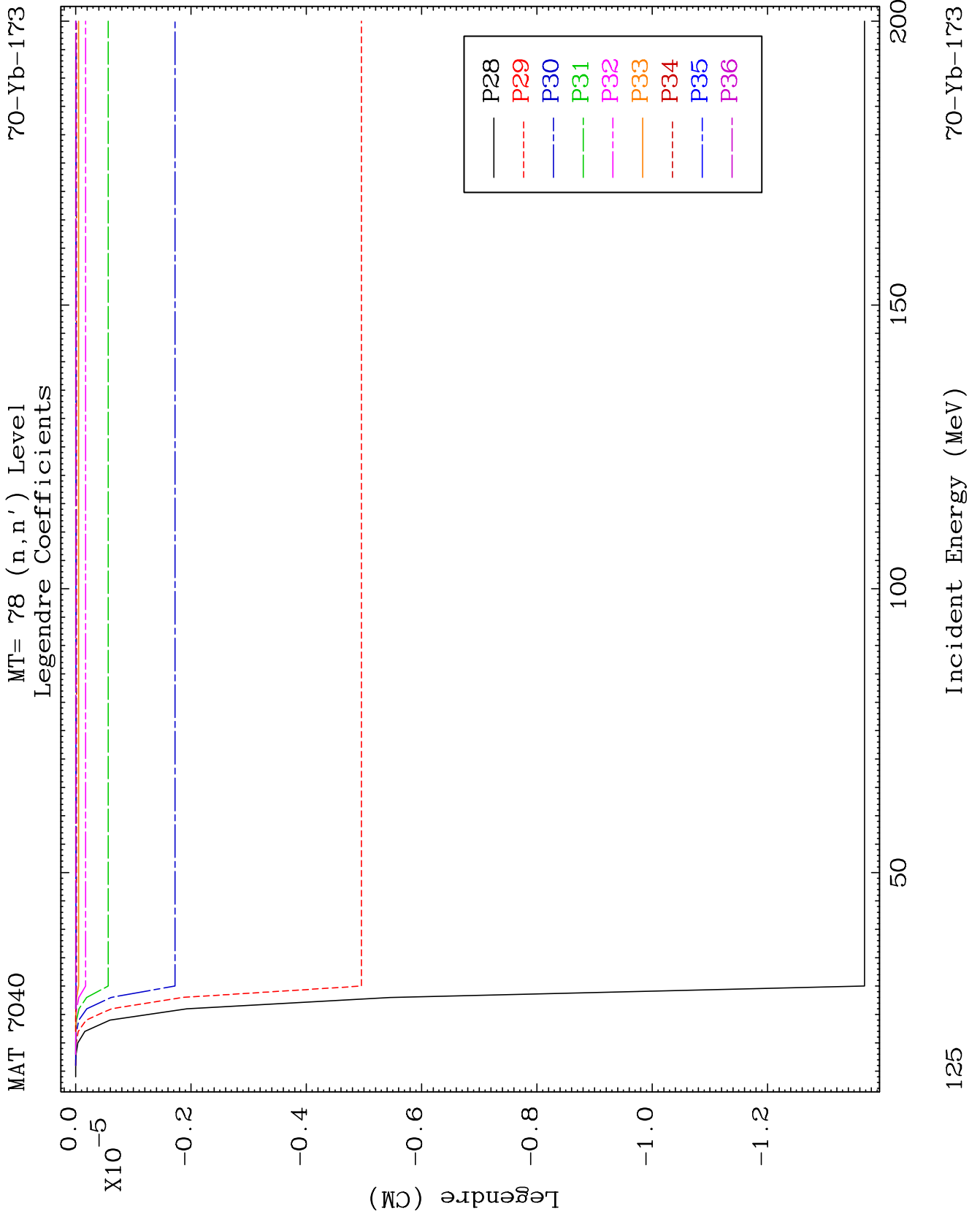


123

Incident Energy (MeV)

70-Yb-173

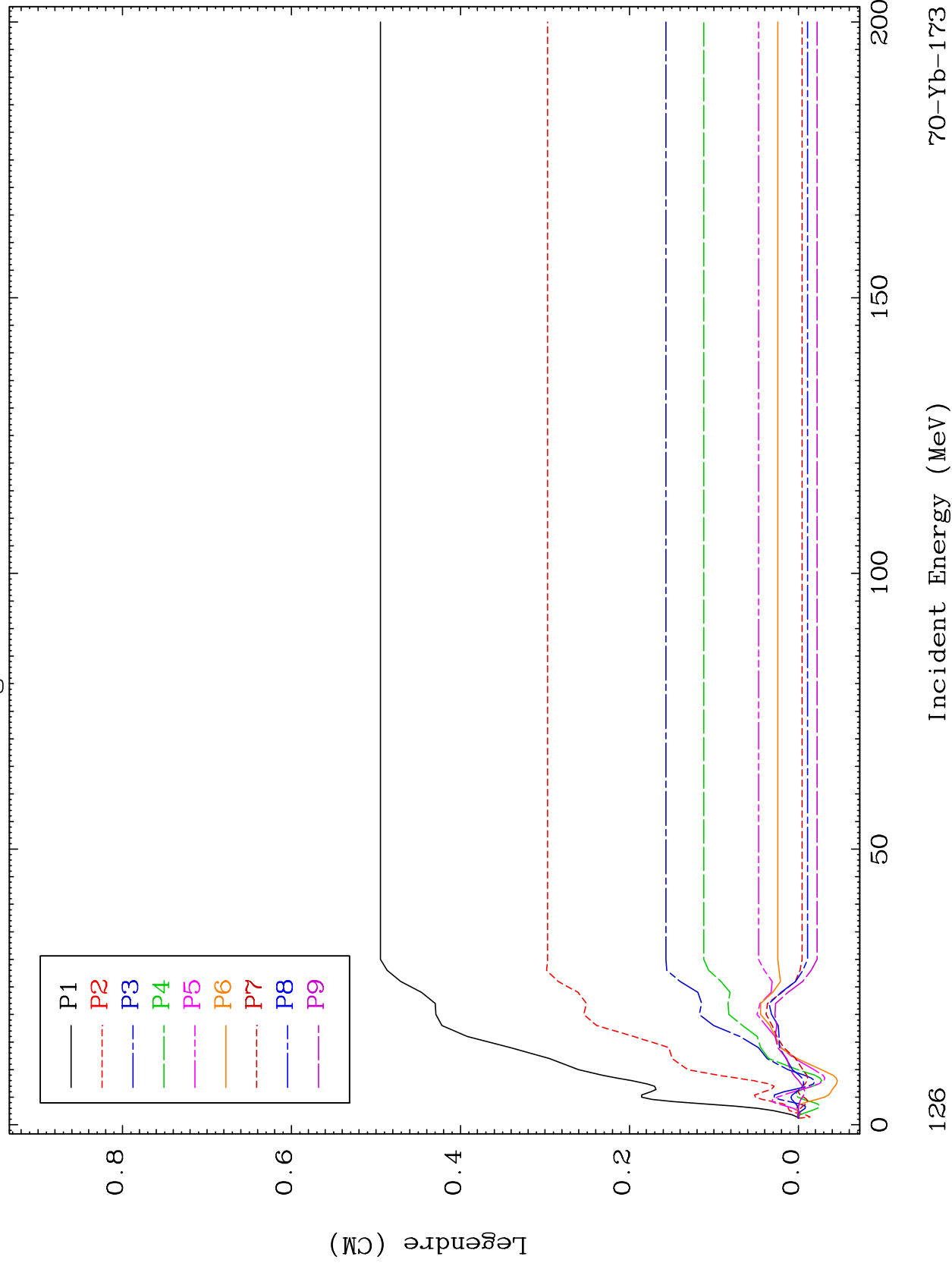




MAT 7040

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

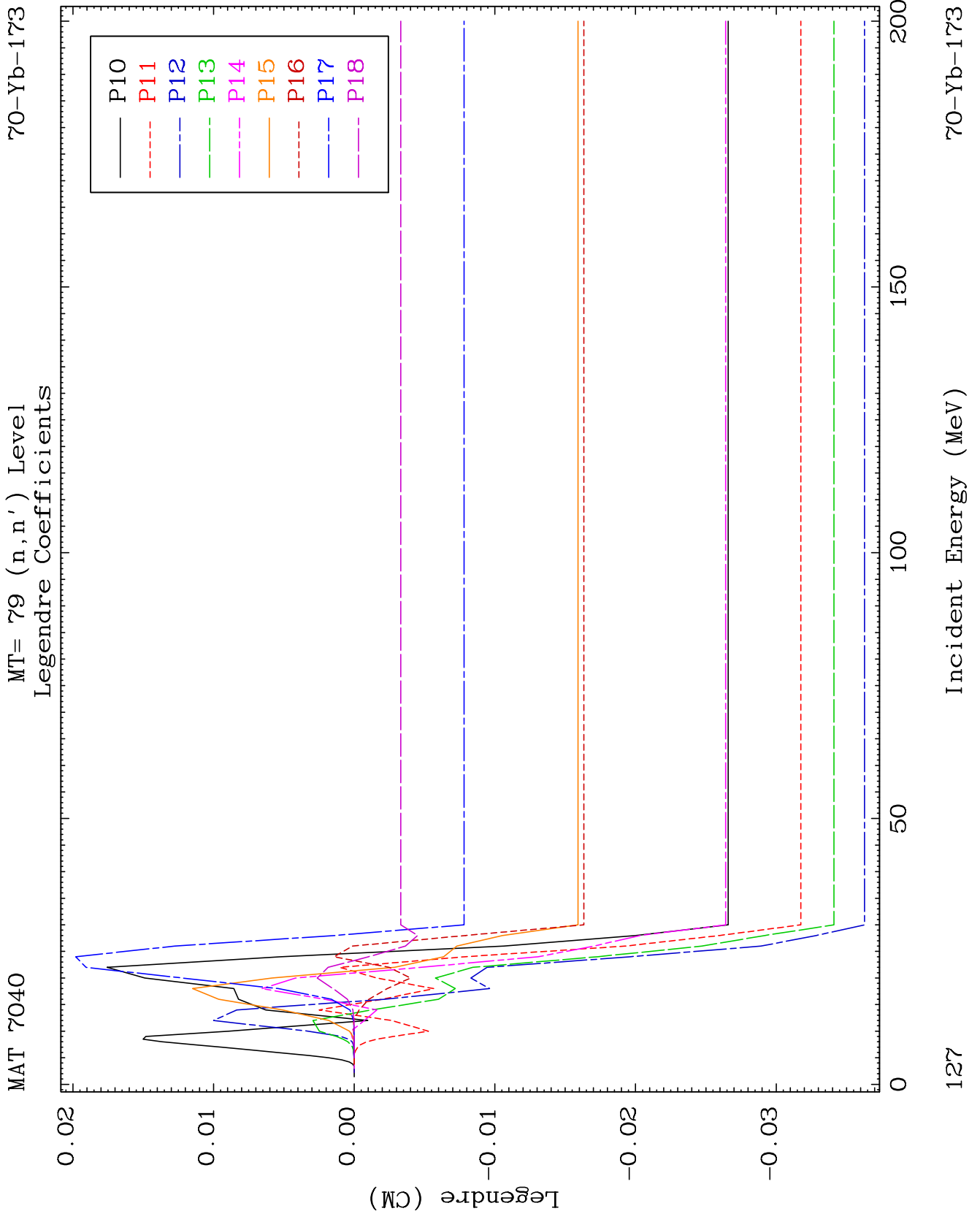
70-Yb-173



126

Incident Energy (MeV)

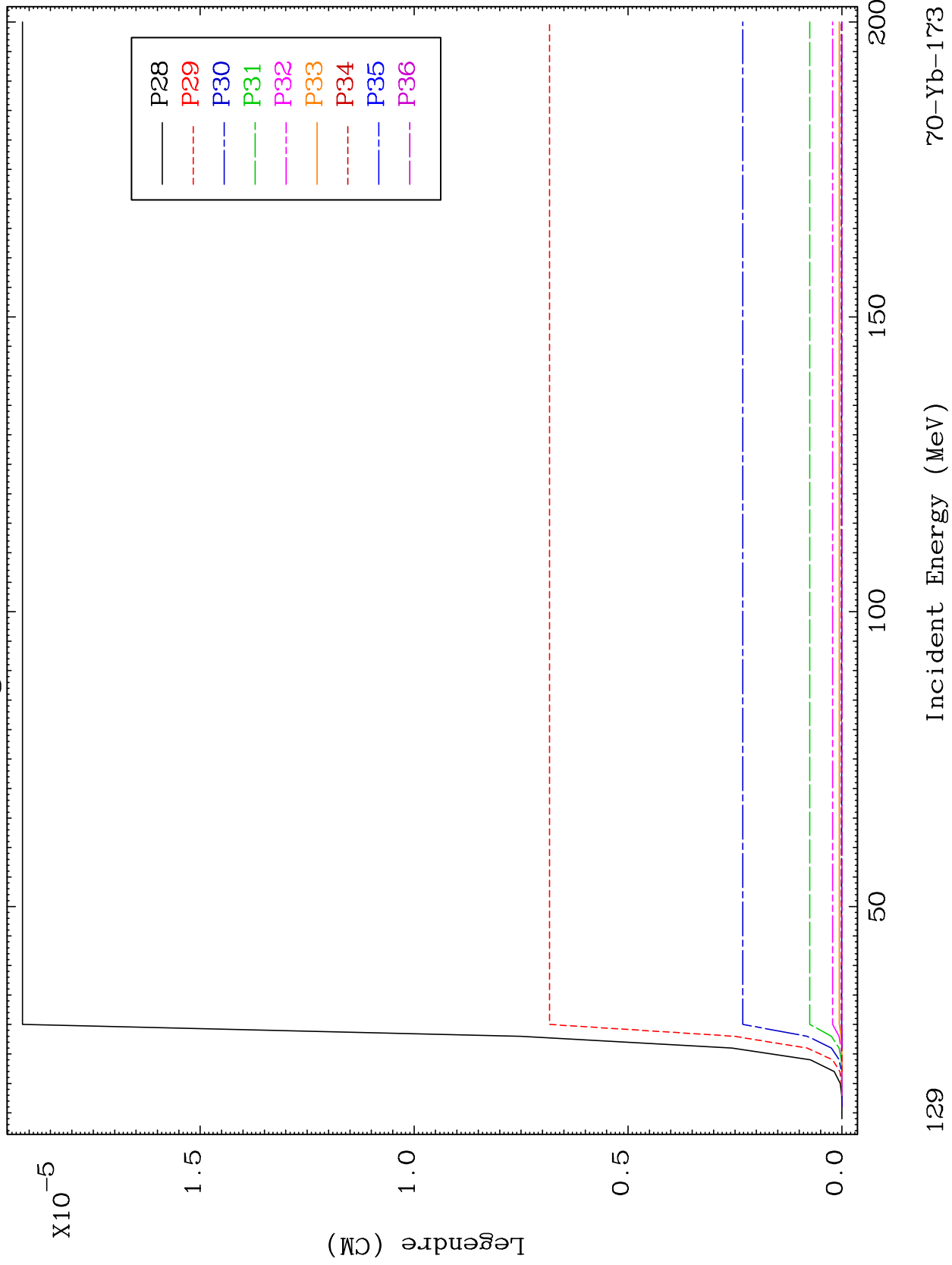
70-Yb-173

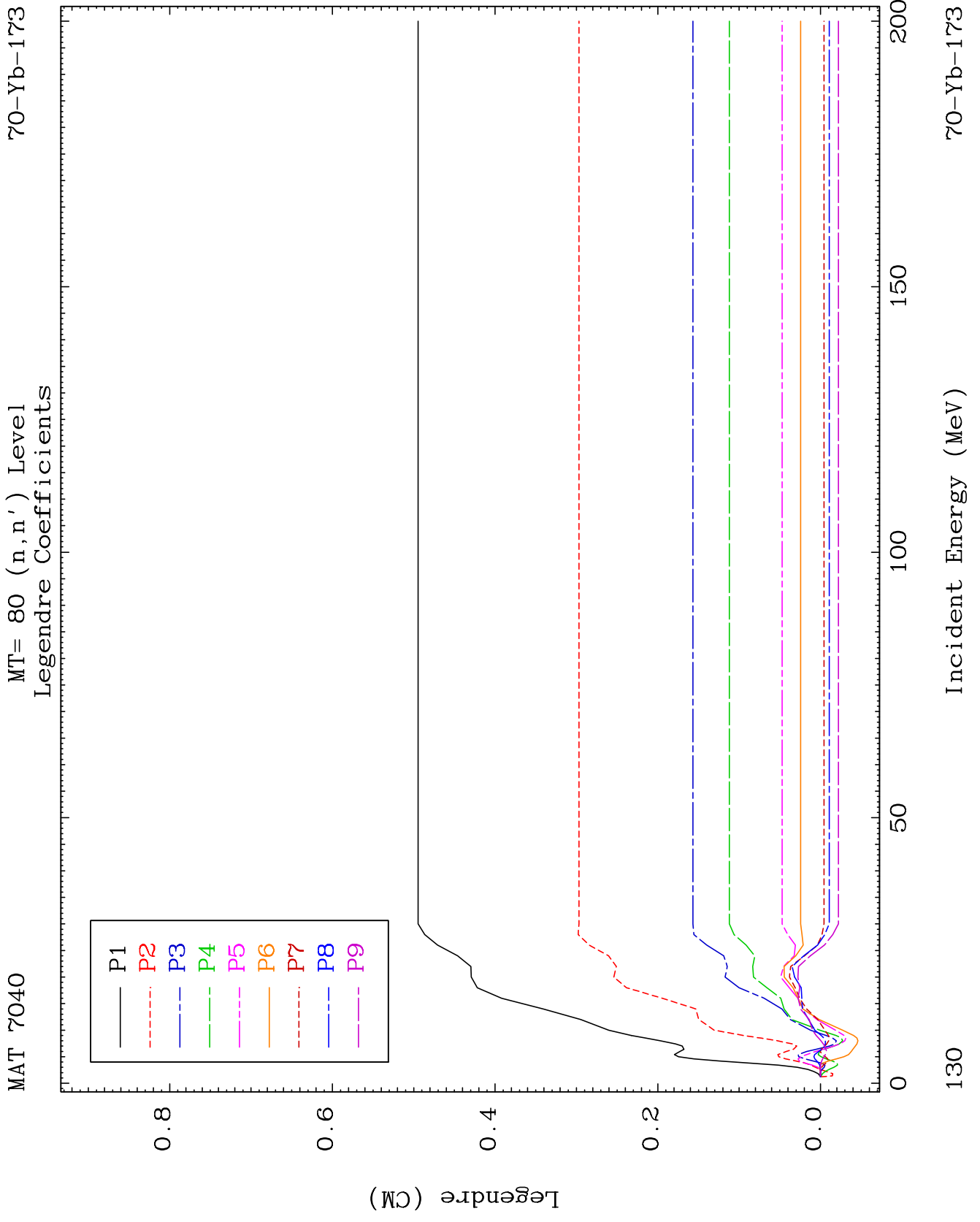


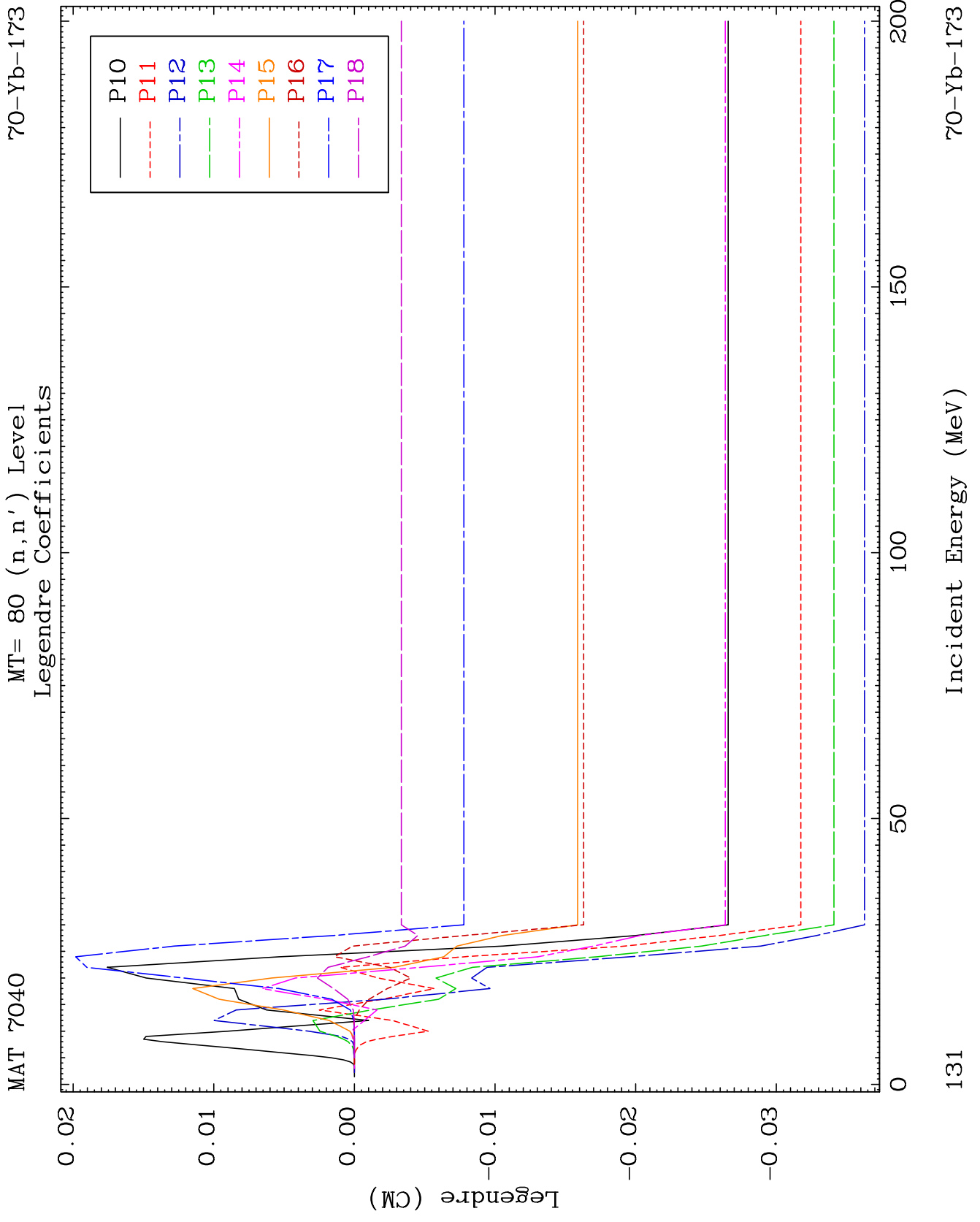
MAT 7040

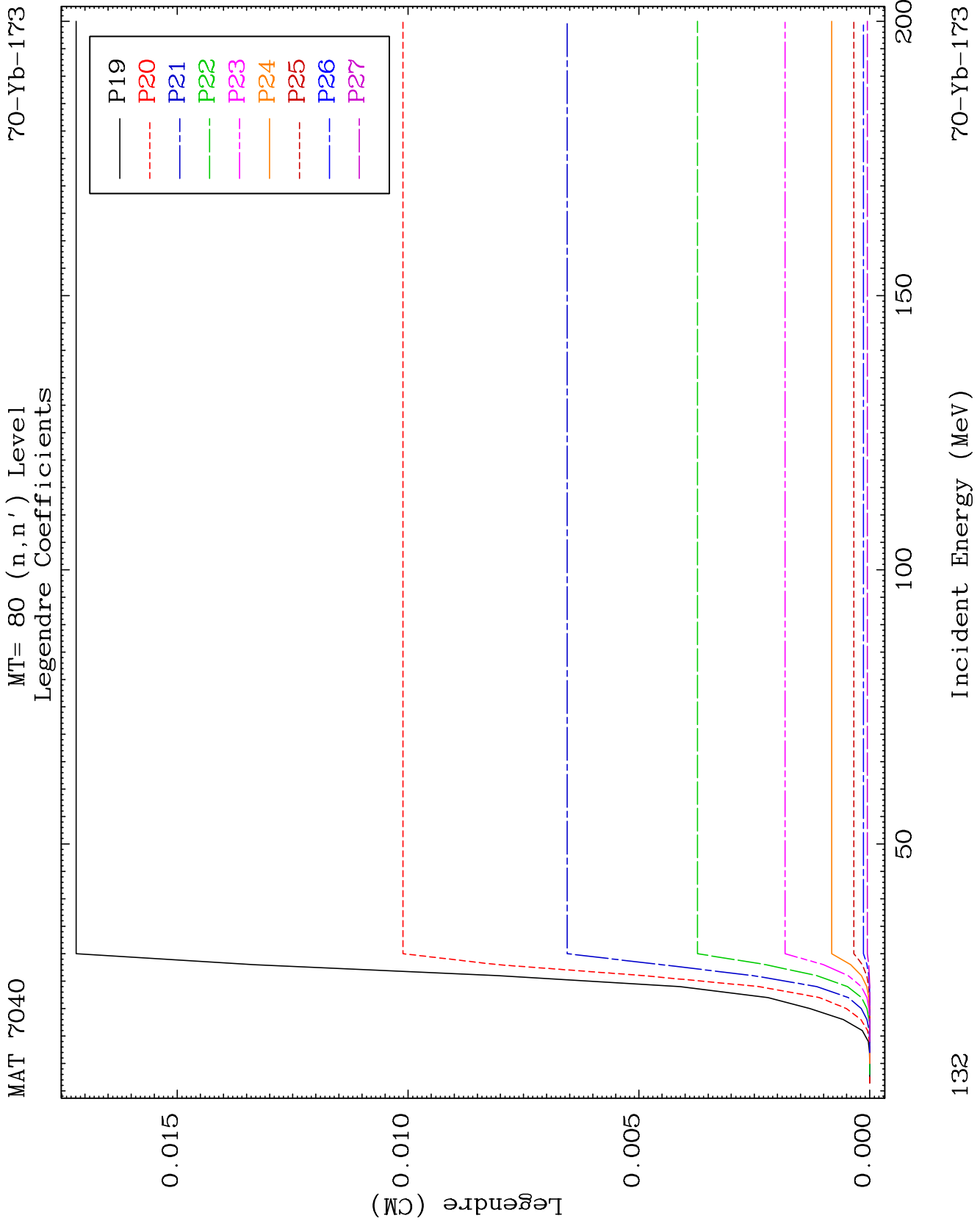
MT= 79 (n,n') Level
Legendre Coefficients

70-Yb-173





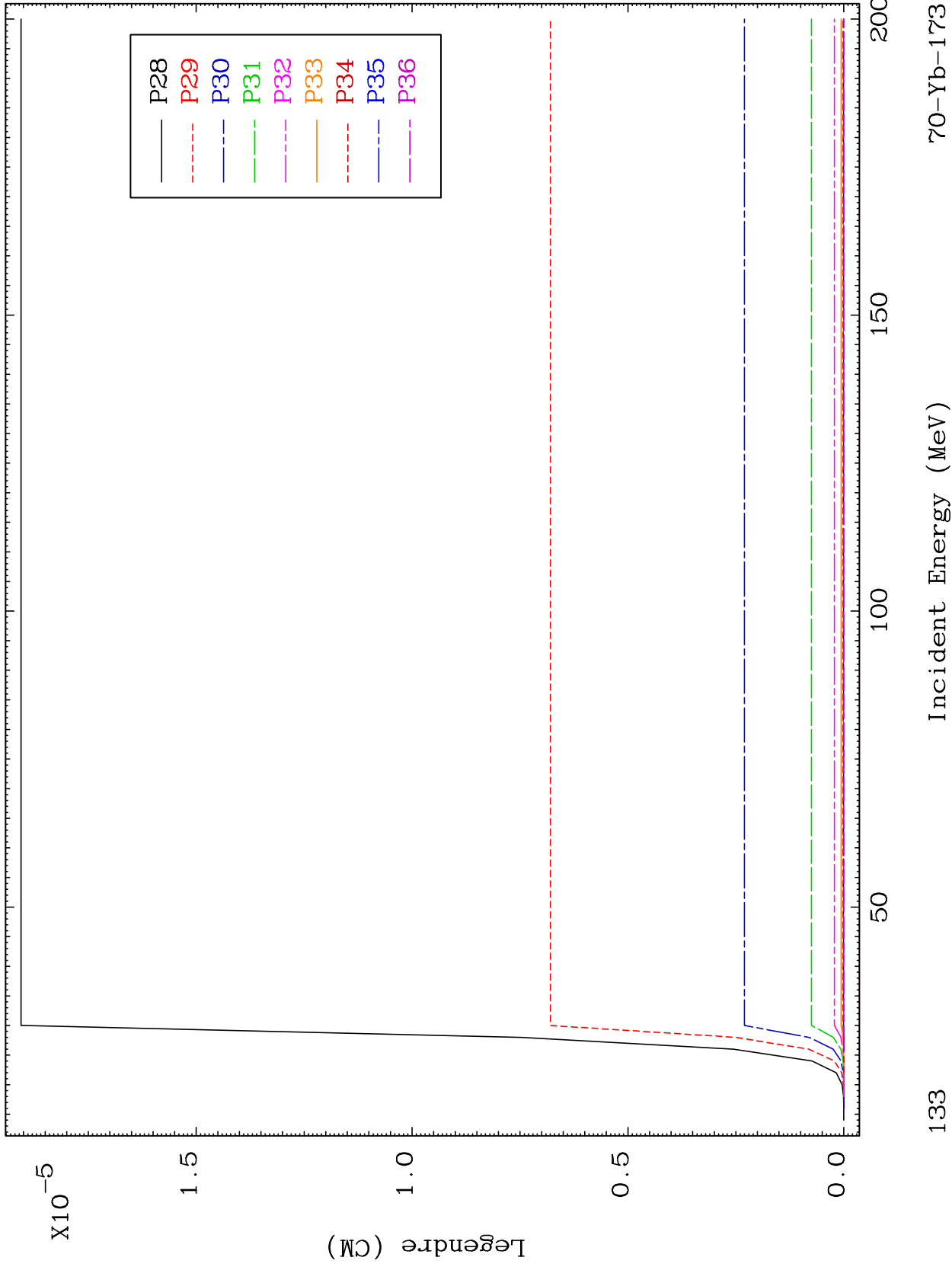




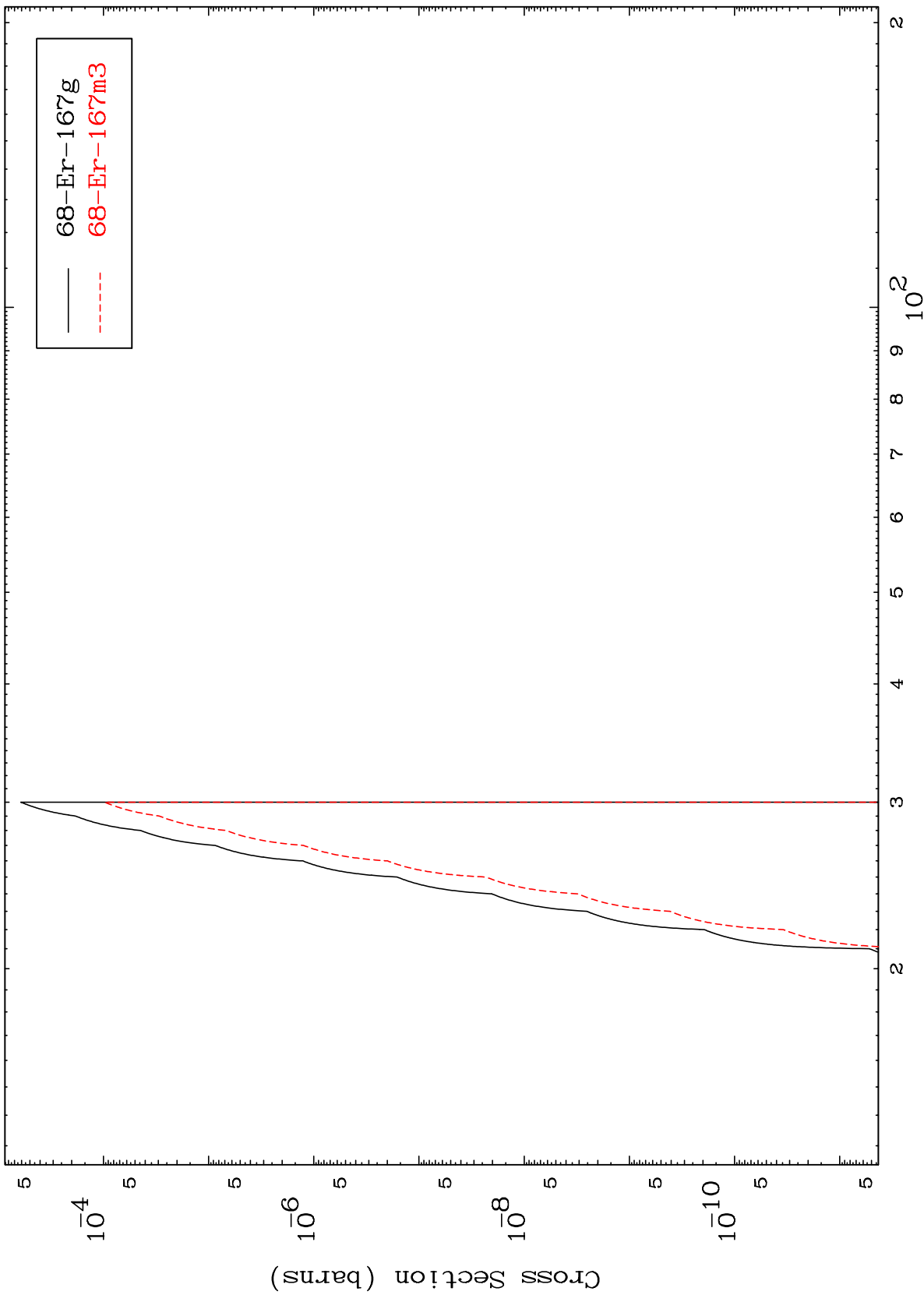
MAT 7040

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

70-Yb-173



Radionuclide Production Cross Section

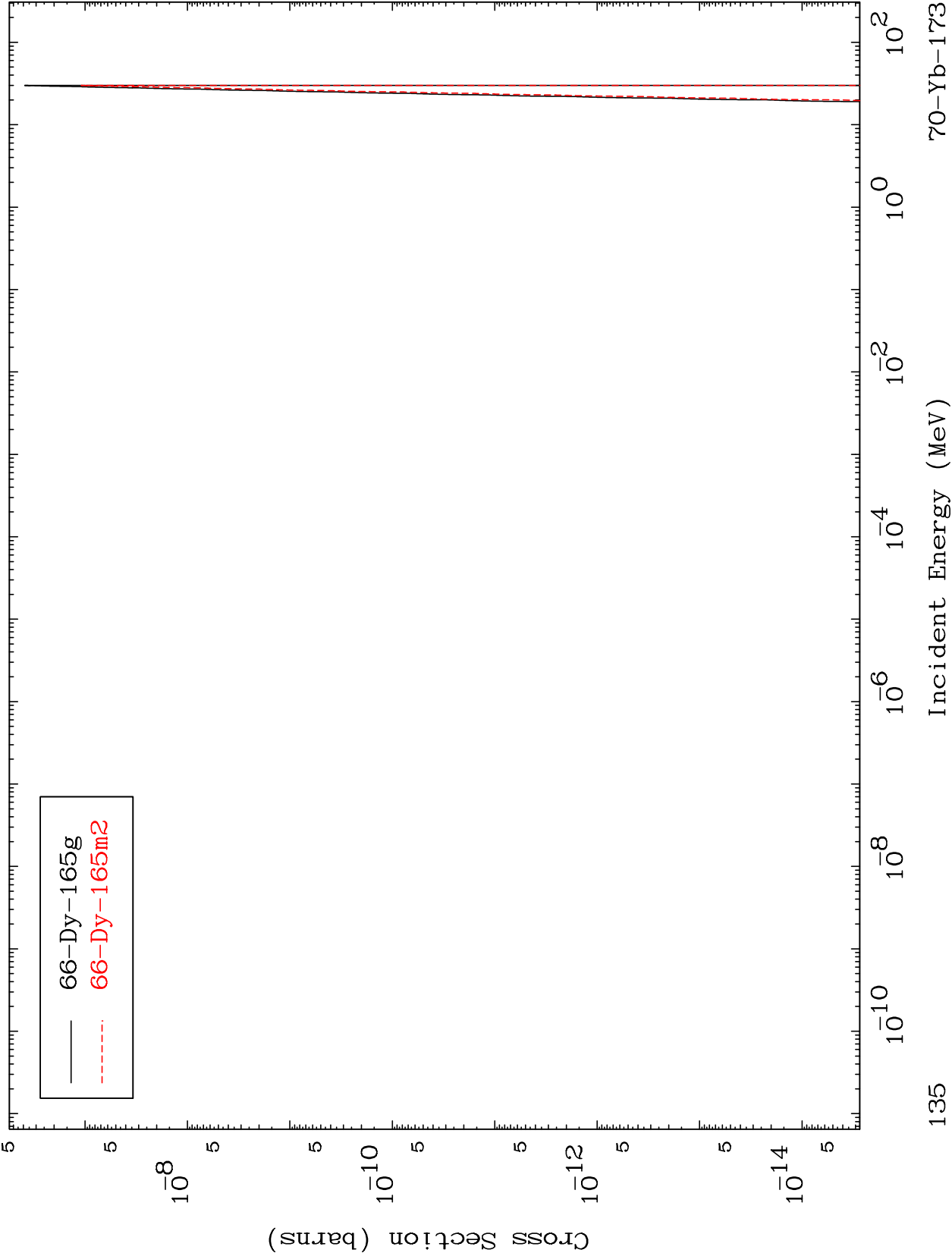


MAT 7040

(n,n') 2 α

70-Yb-173

Radionuclide Production Cross Section

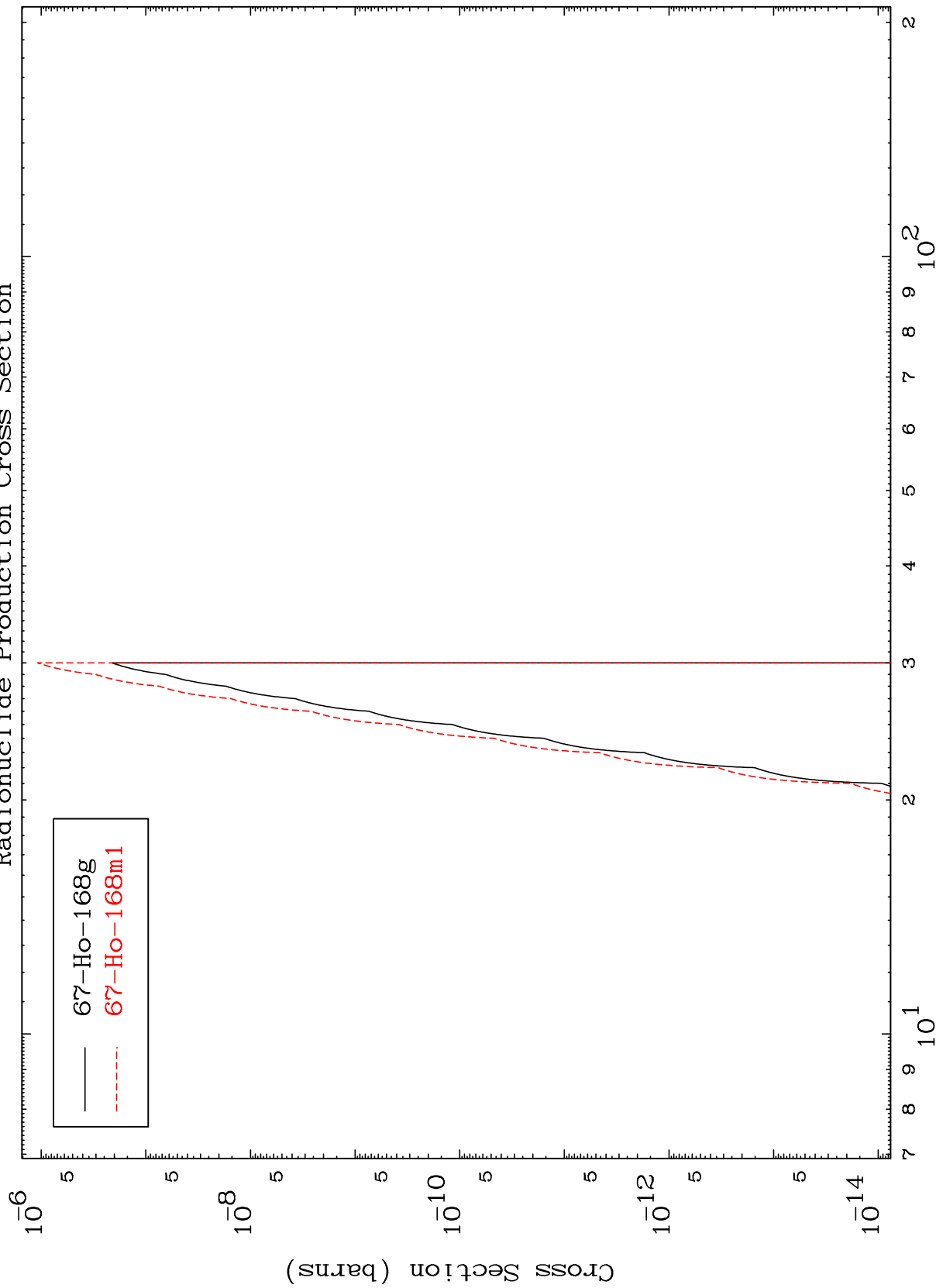


MAT 7040

(n,n') p α

70-Yb-173

Radionuclide Production Cross Section



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Incident Energy (MeV)

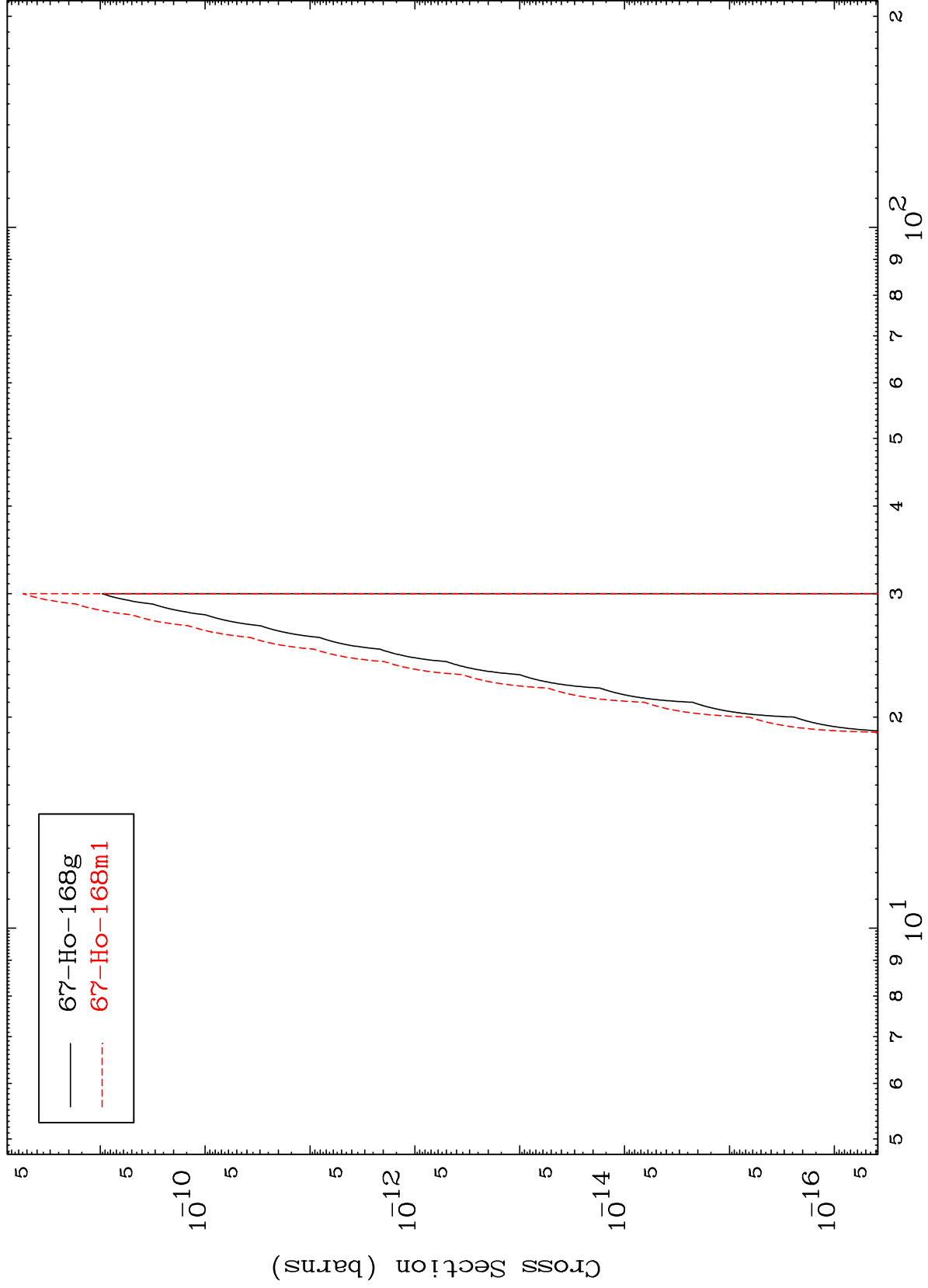
70-Yb-173

MAT 7040

(n,d) α

70-Yb-173

Radionuclide Production Cross Section



137

Incident Energy (MeV)

70-Yb-173