

Program EVALPLOT
(Version 2021-1)

by

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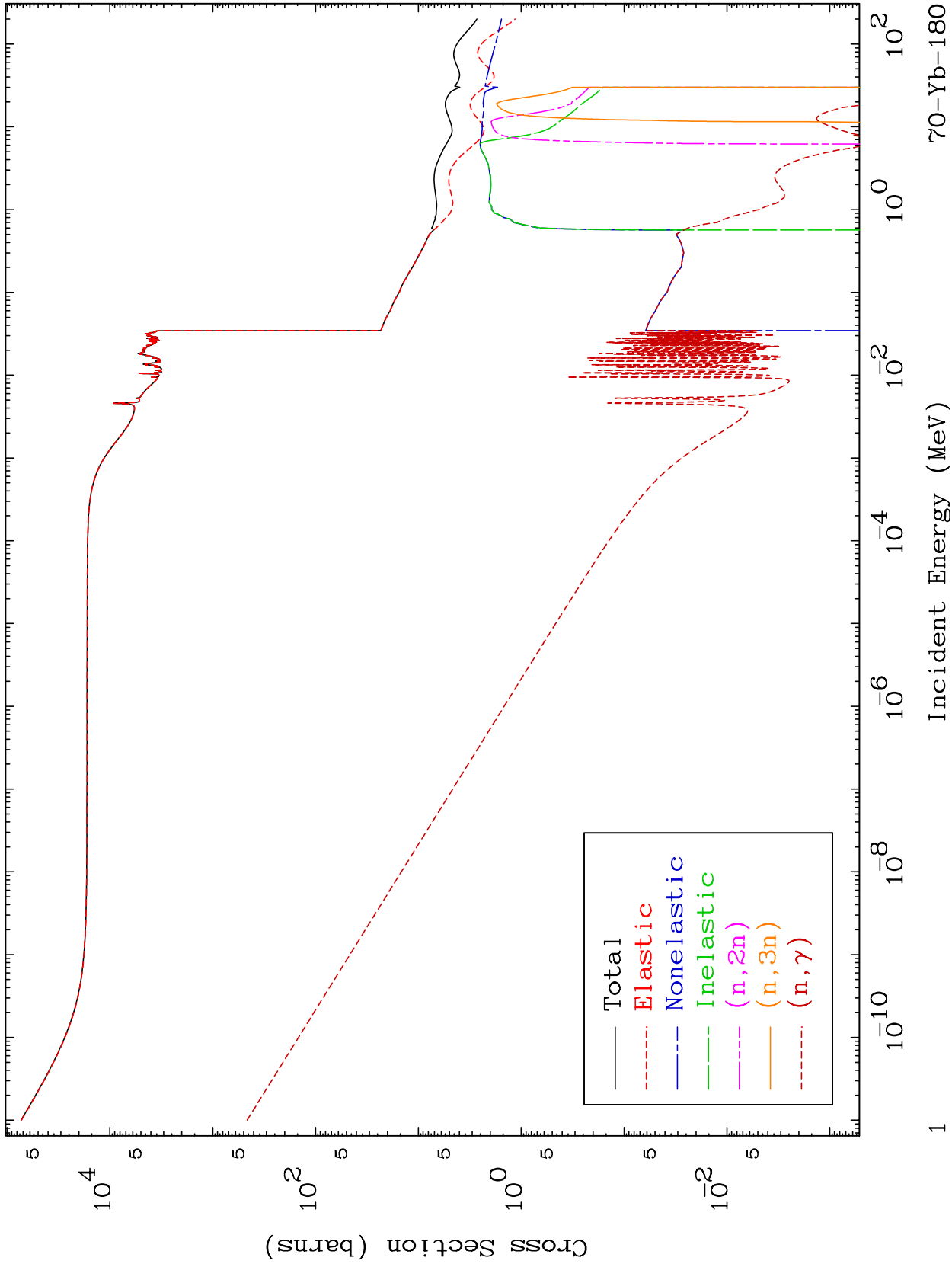
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7061

Neutron Major
293 Kelvin Cross Sections

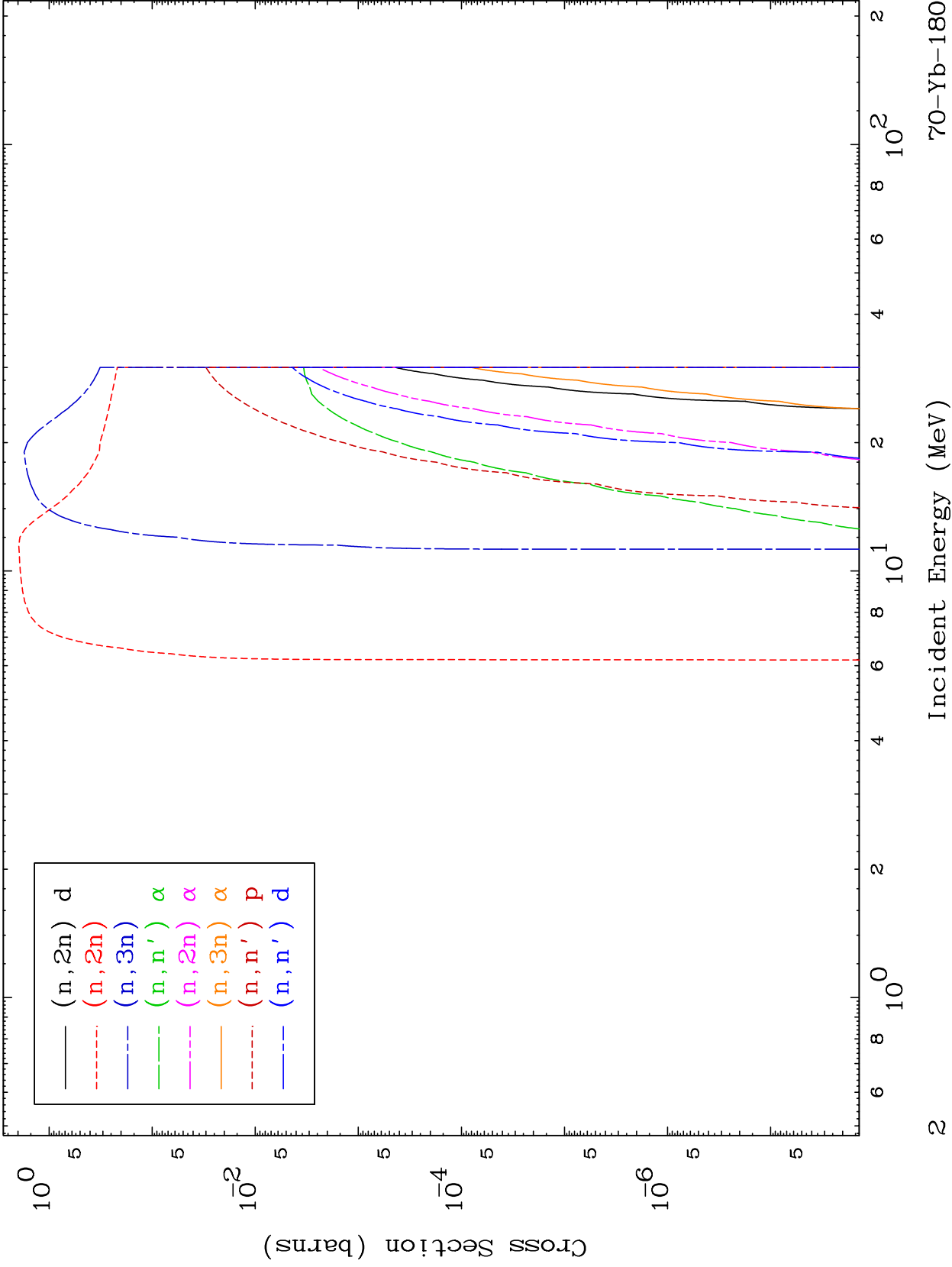
70-Yb-180



MAT 7061

Neutron Absorption
293 Kelvin Cross Sections

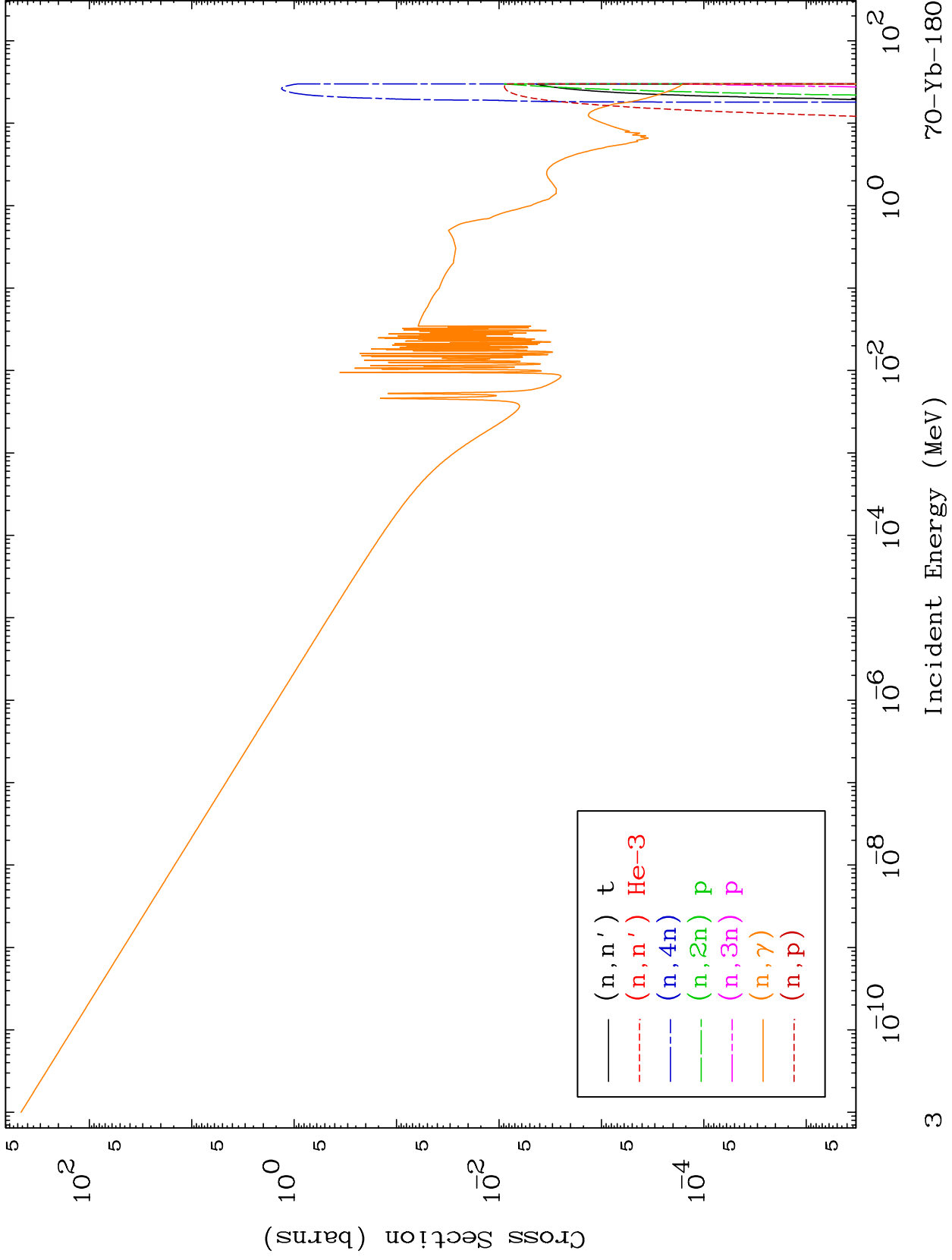
70-Yb-180

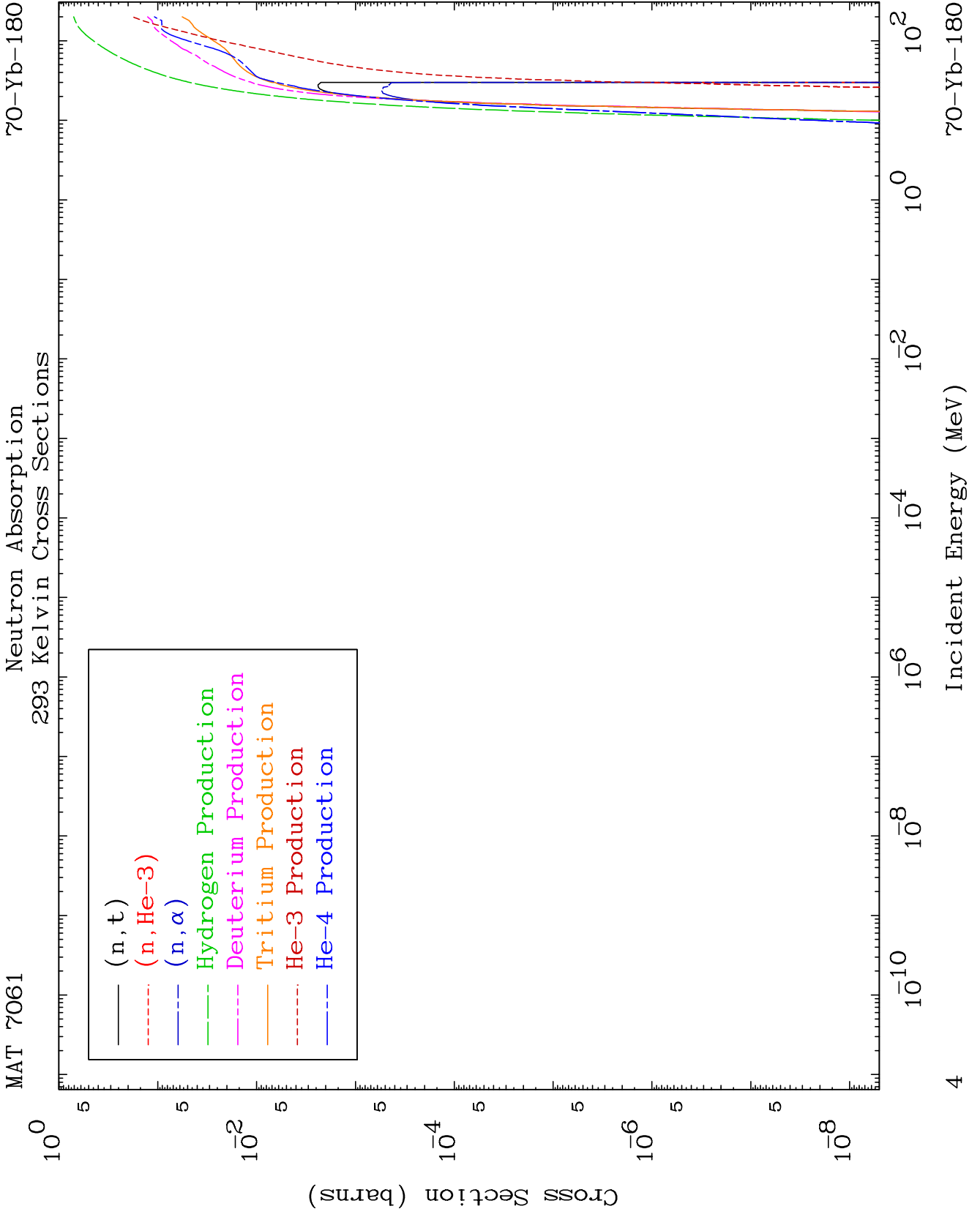


MAT 7061

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-180

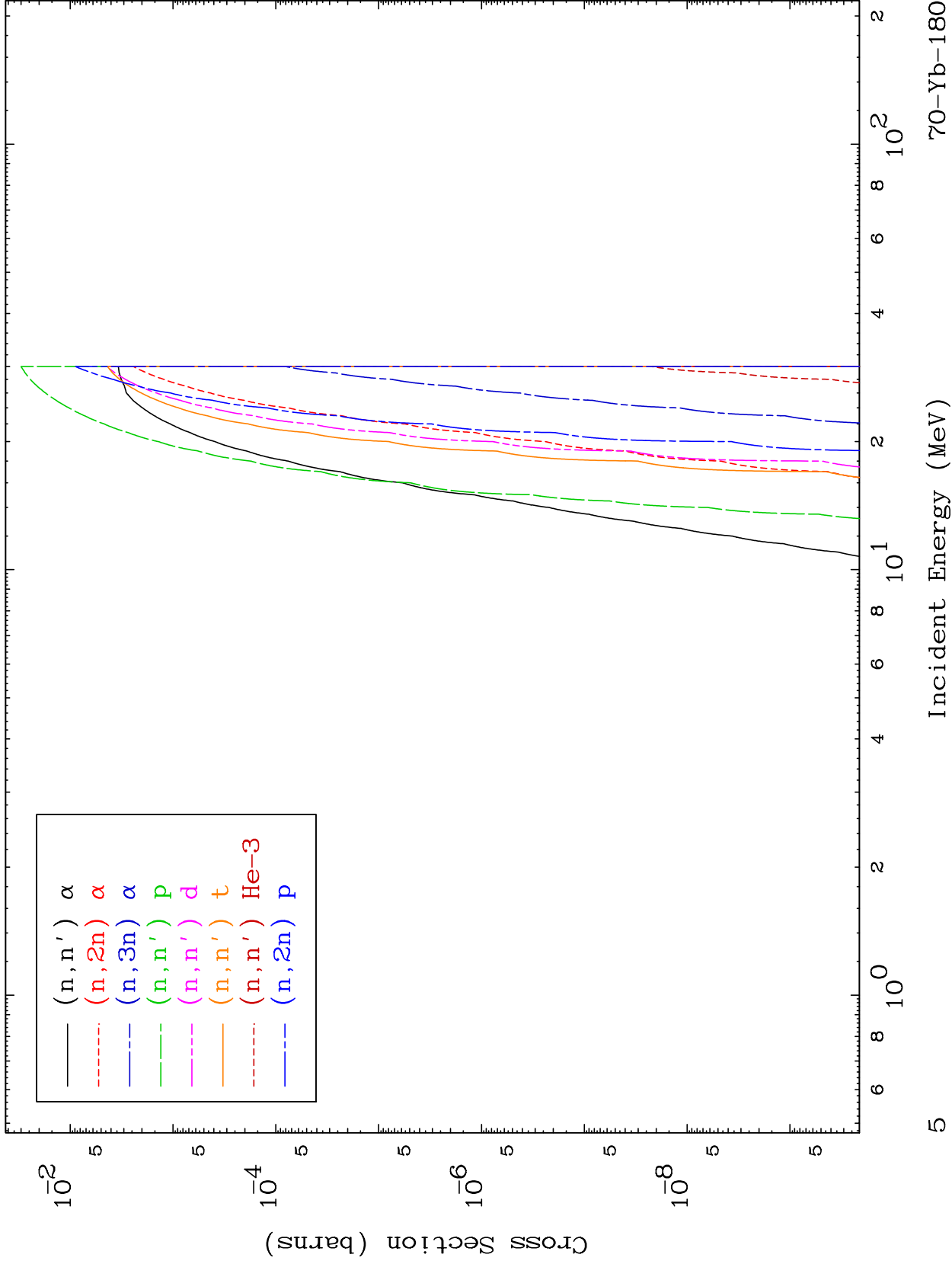


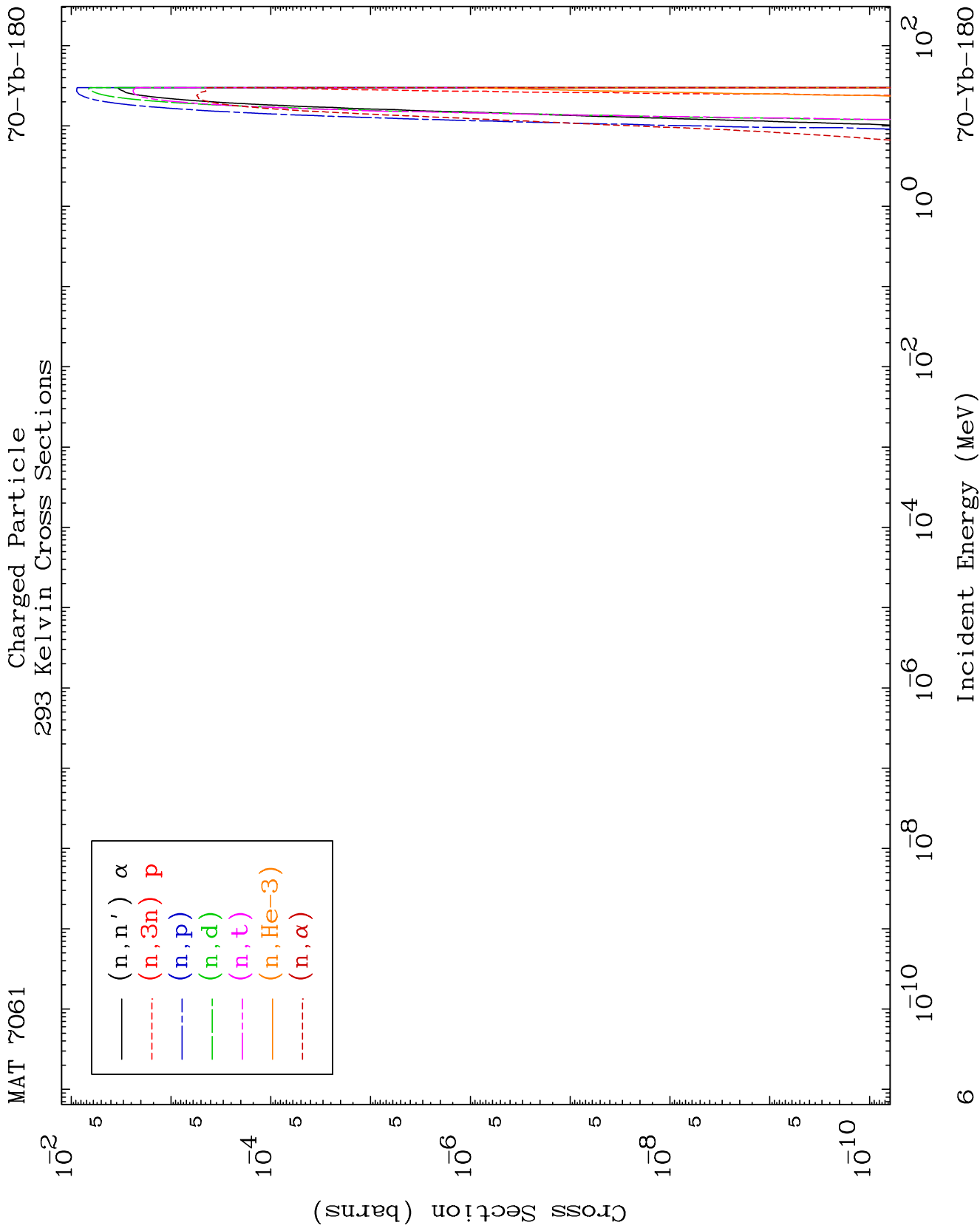


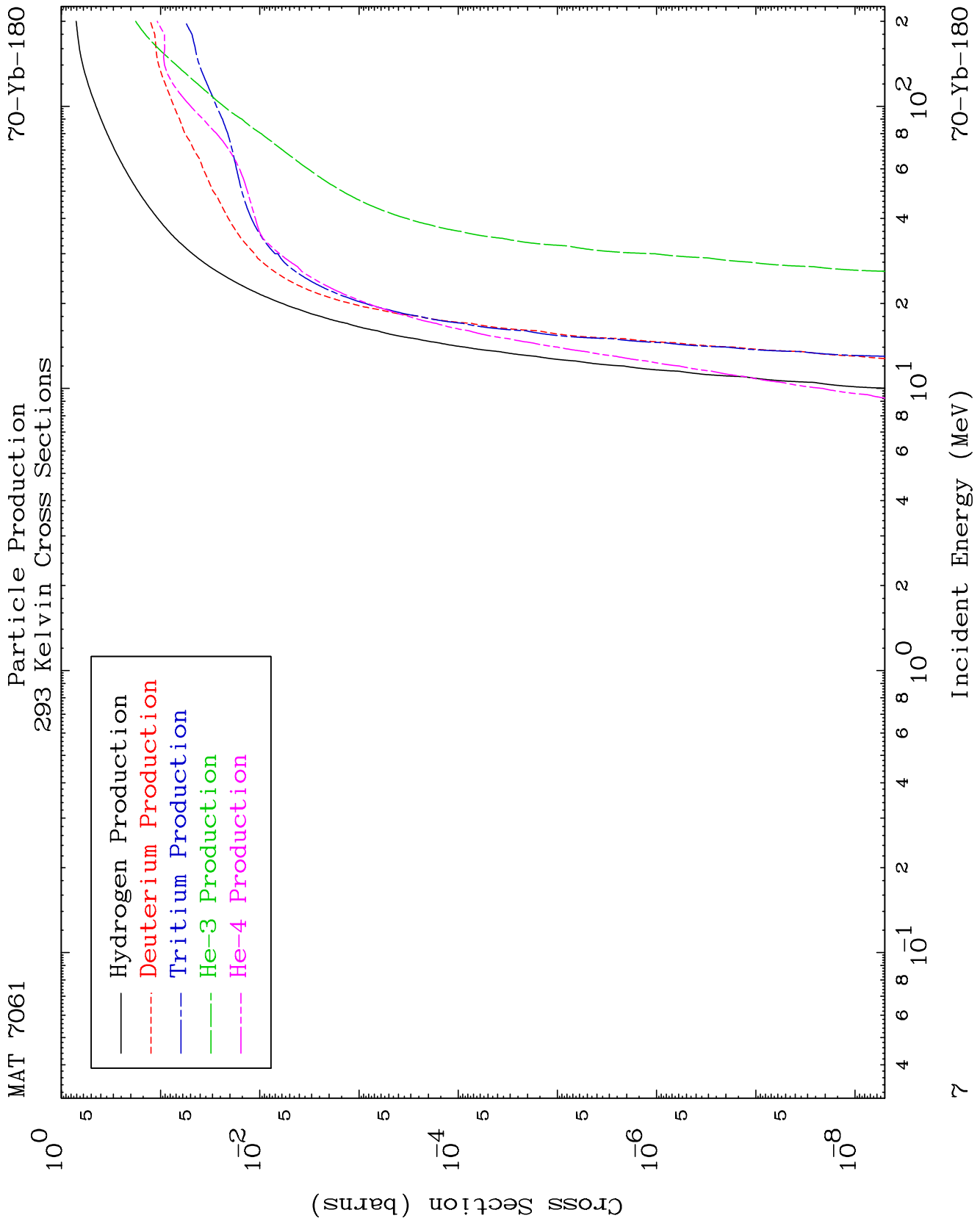
MAT 7061

Charged Particle
293 Kelvin Cross Sections

70-Yb-180





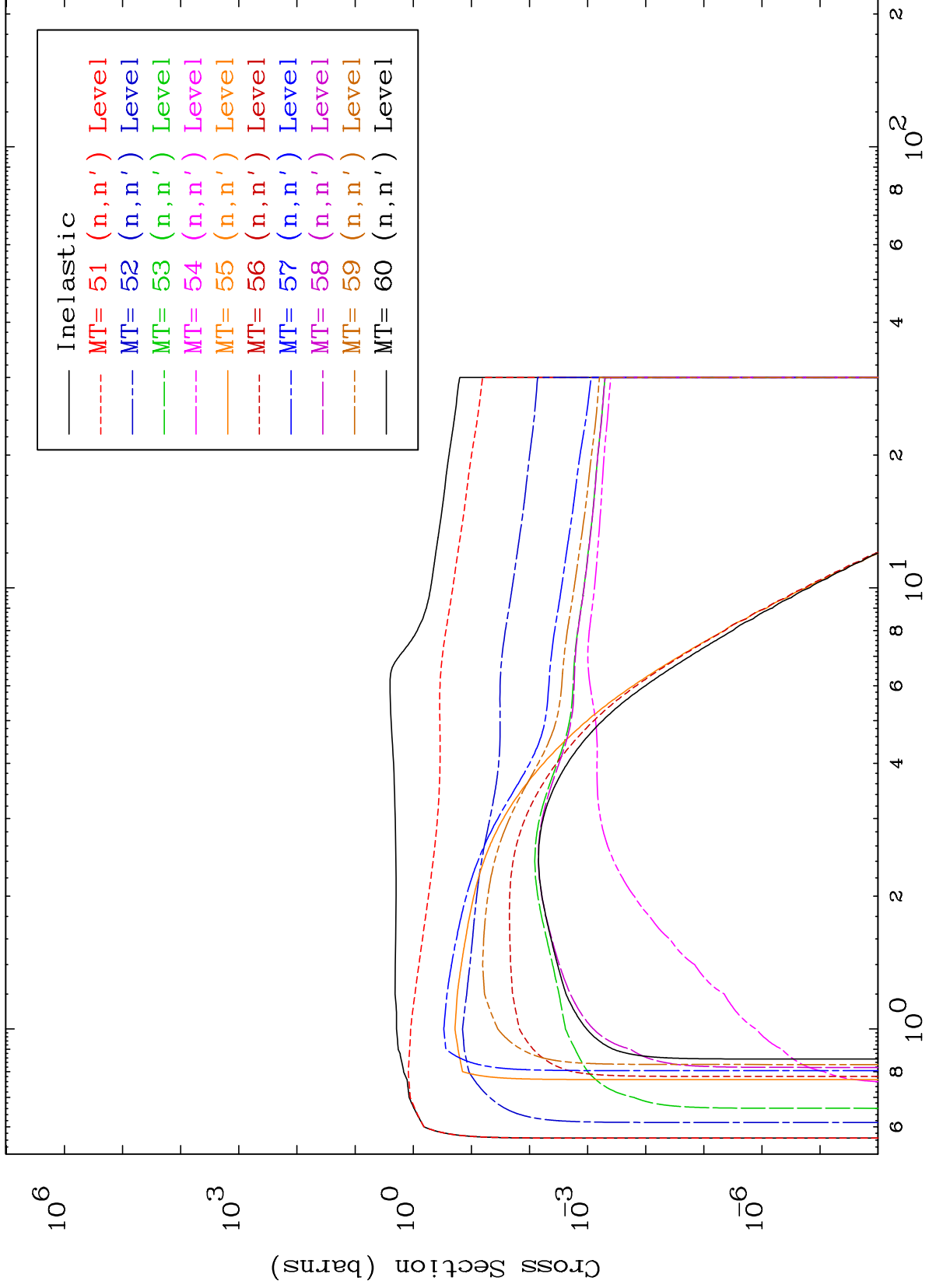


MAT 7061

(n,n') Levels

70-Yb-180

293 Kelvin Cross Sections



8

Incident Energy (MeV)

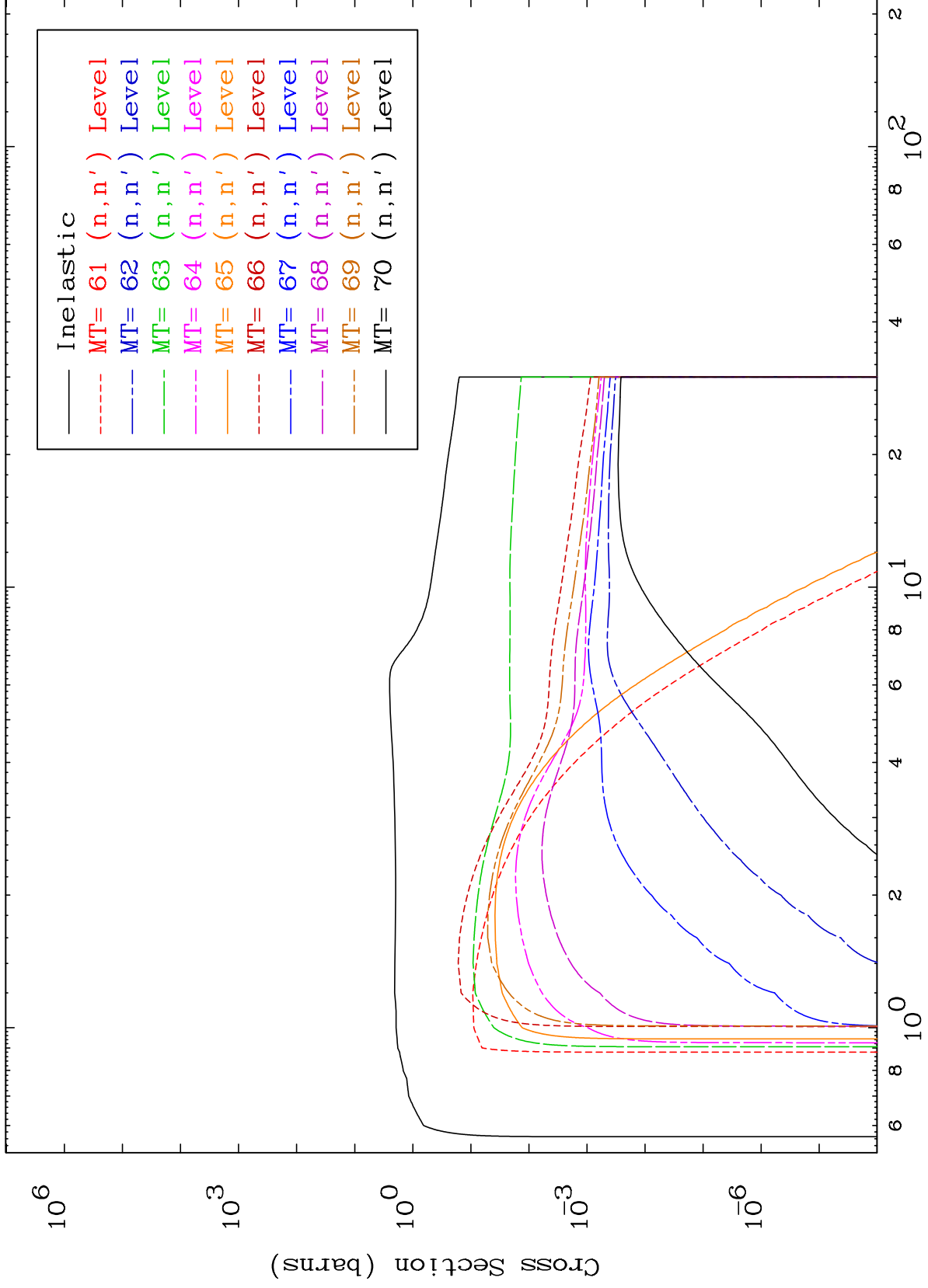
70-Yb-180

MAT 7061

(n,n') Levels

70-Yb-180

293 Kelvin Cross Sections



9

Incident Energy (MeV)

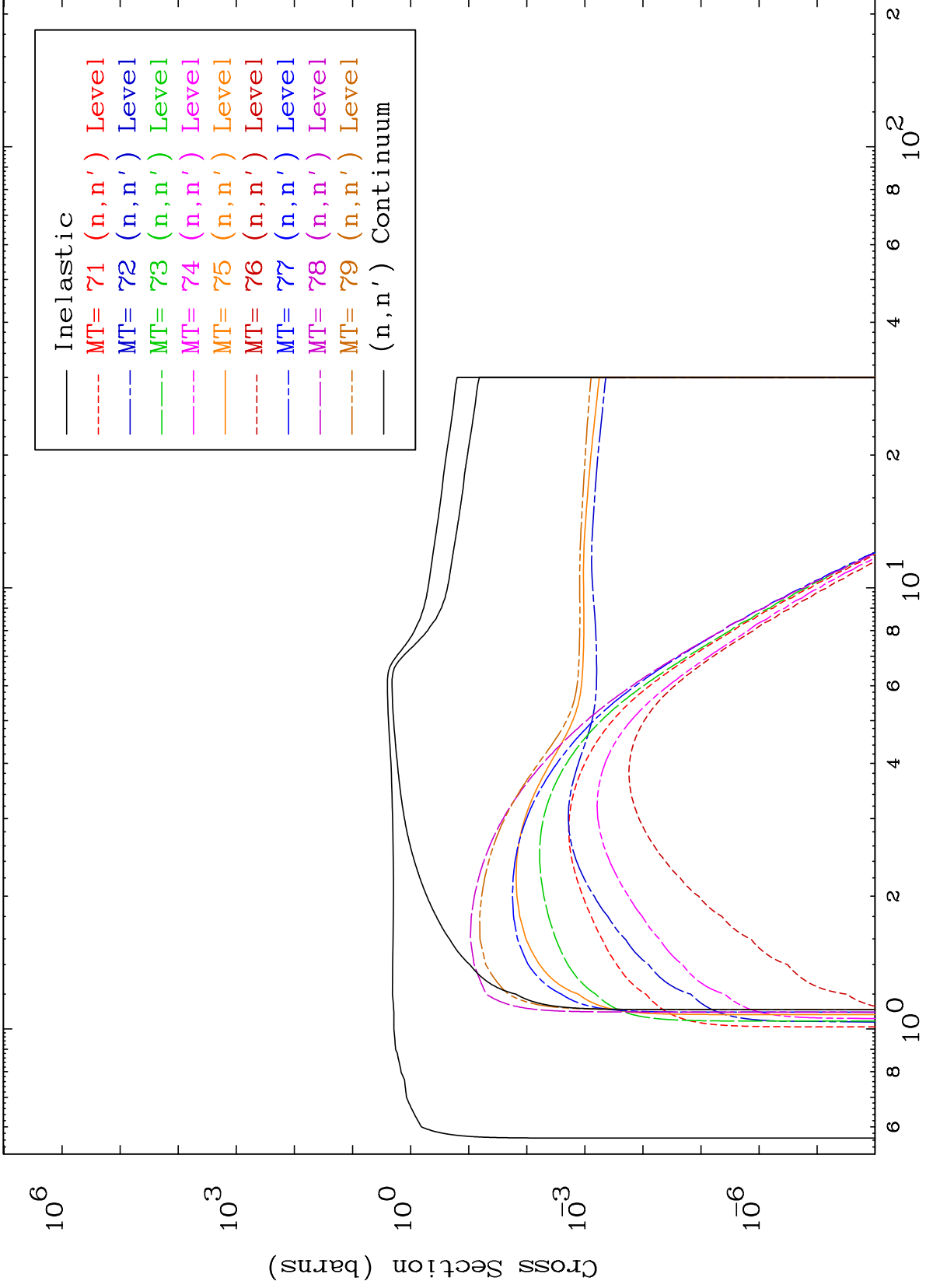
70-Yb-180

MAT 7061

(n,n') Levels

70-Yb-180

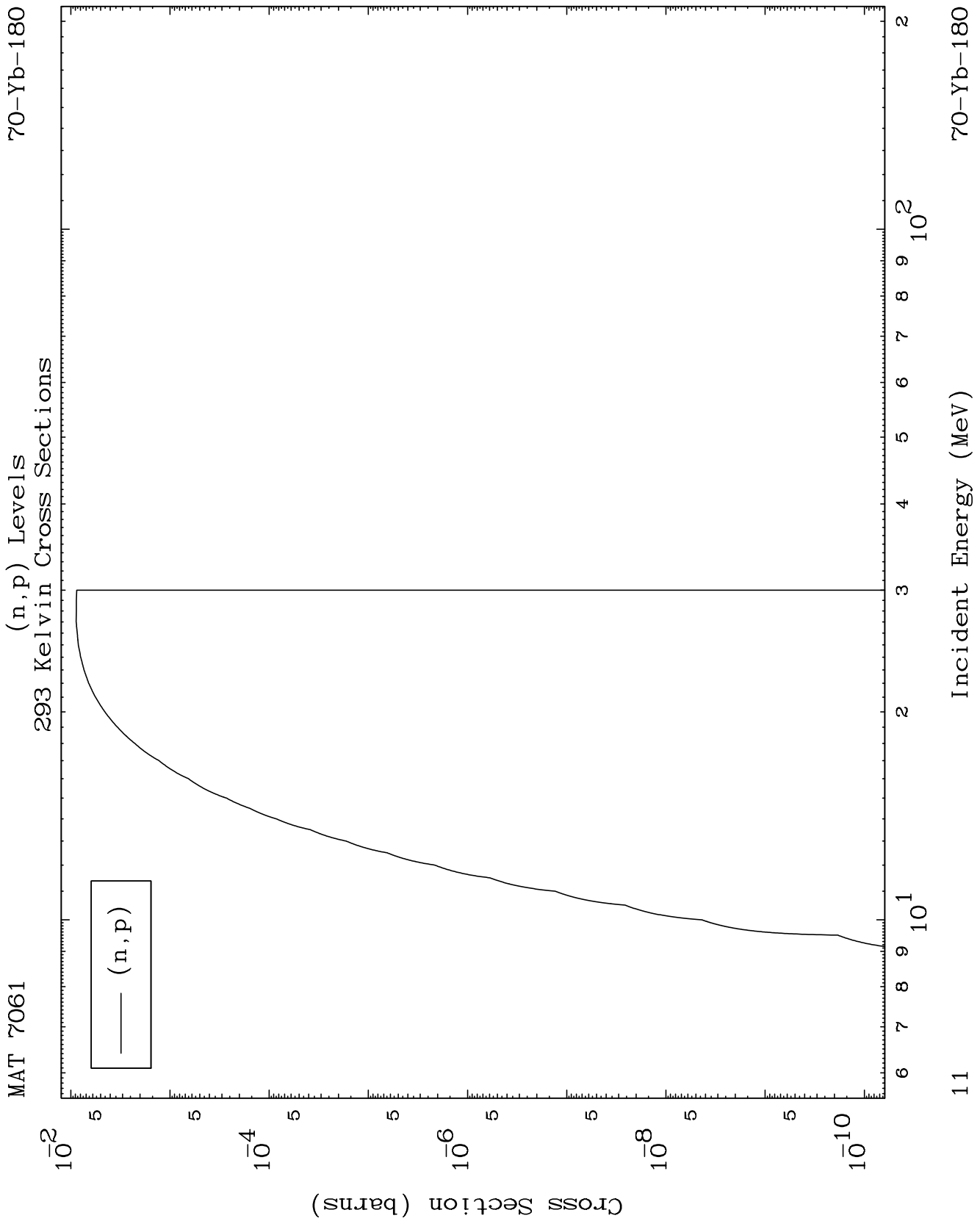
293 Kelvin Cross Sections



10

Incident Energy (MeV)

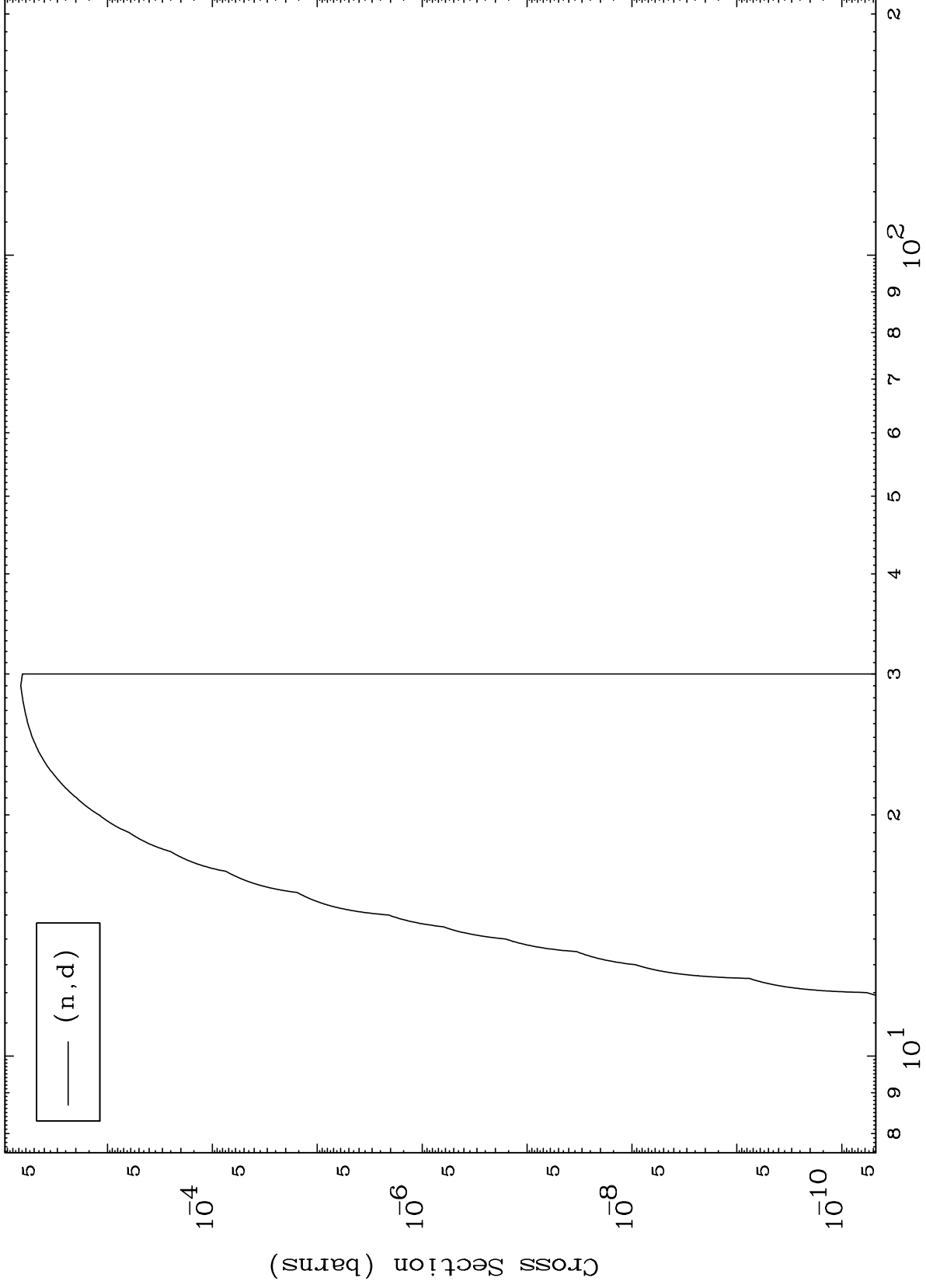
70-Yb-180



MAT 7061

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-180



12

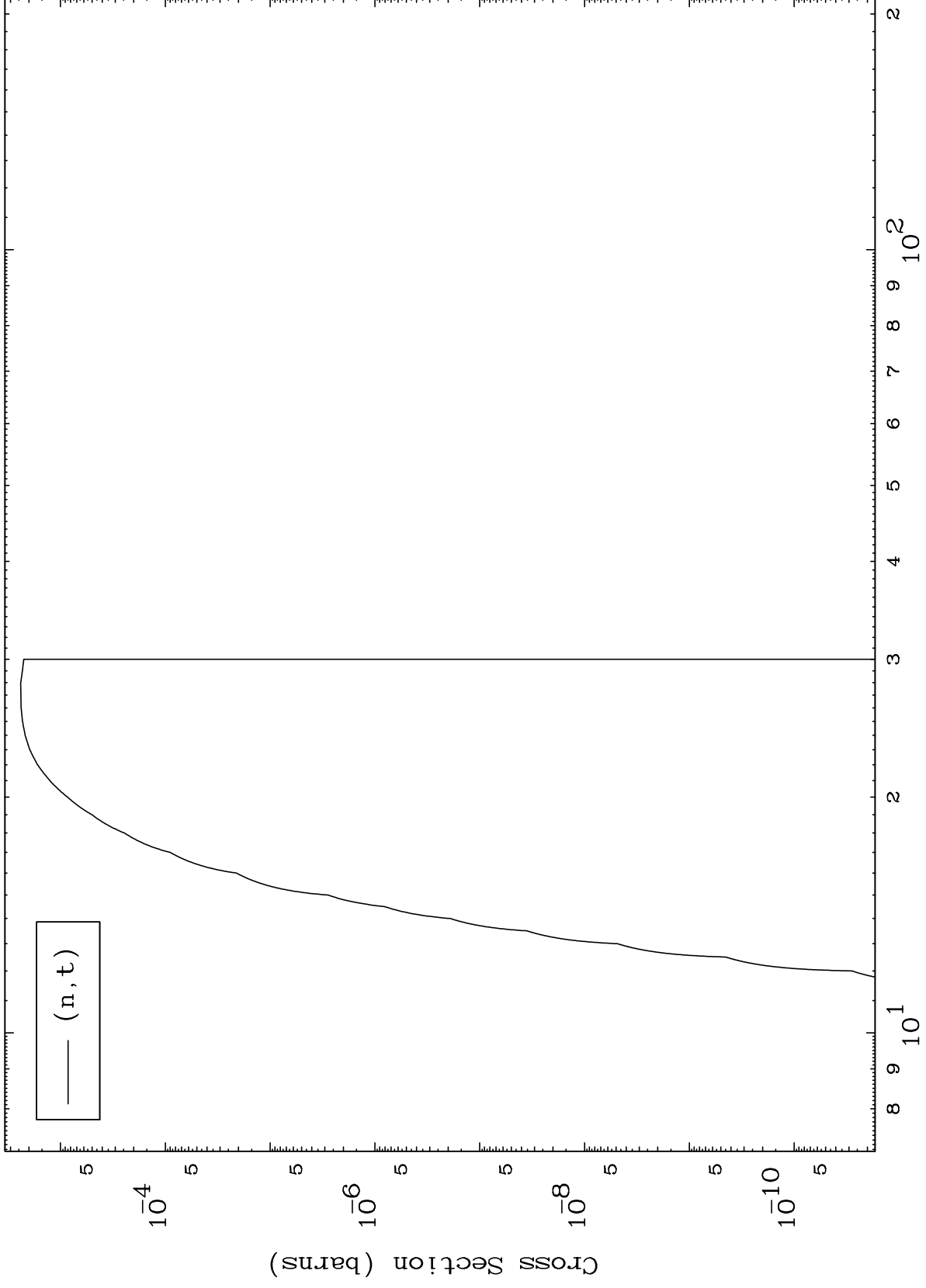
Incident Energy (MeV)

70-Yb-180

MAT 7061

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-180



13

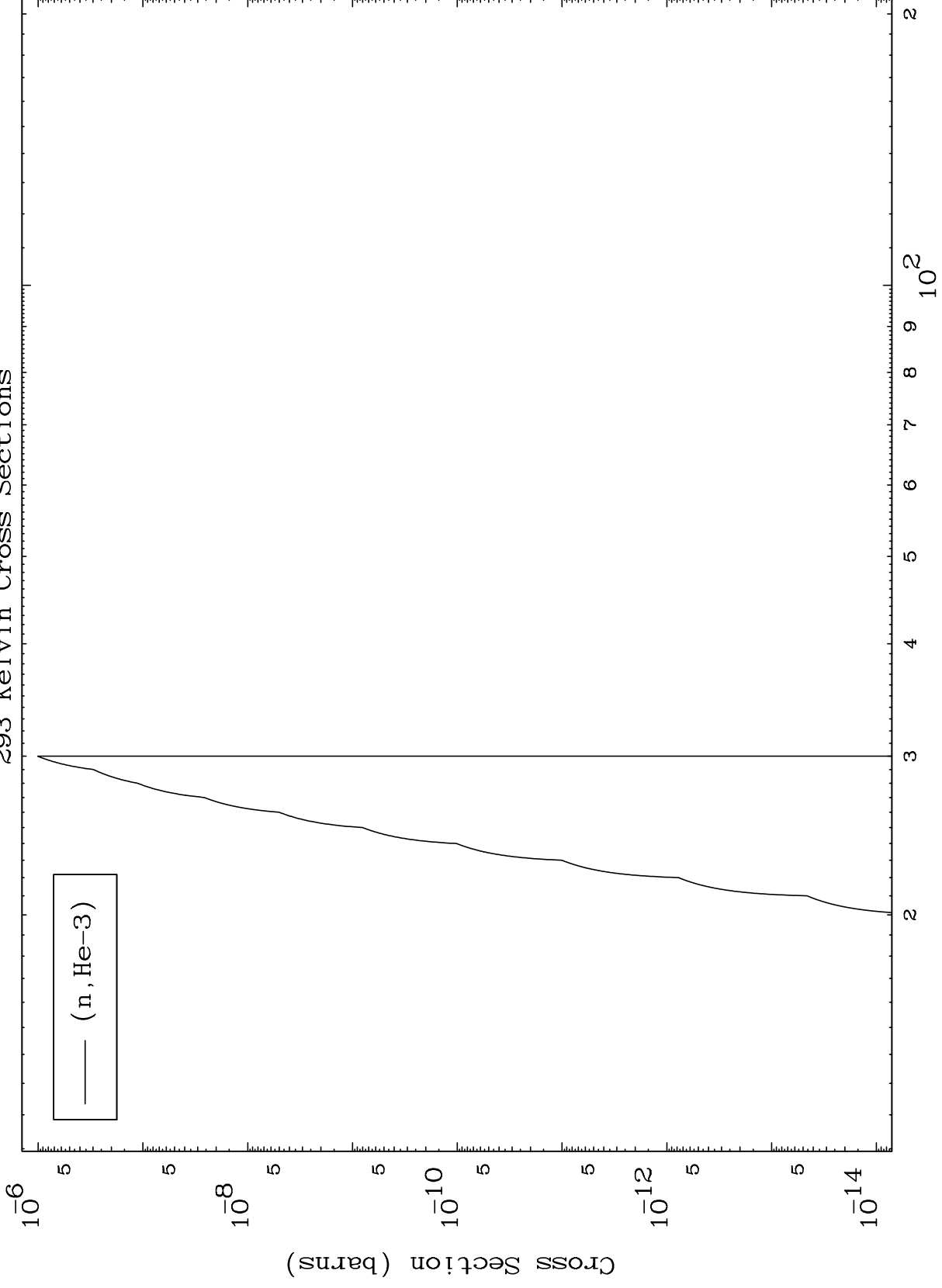
Incident Energy (MeV)

70-Yb-180

MAT 7061

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-180



14

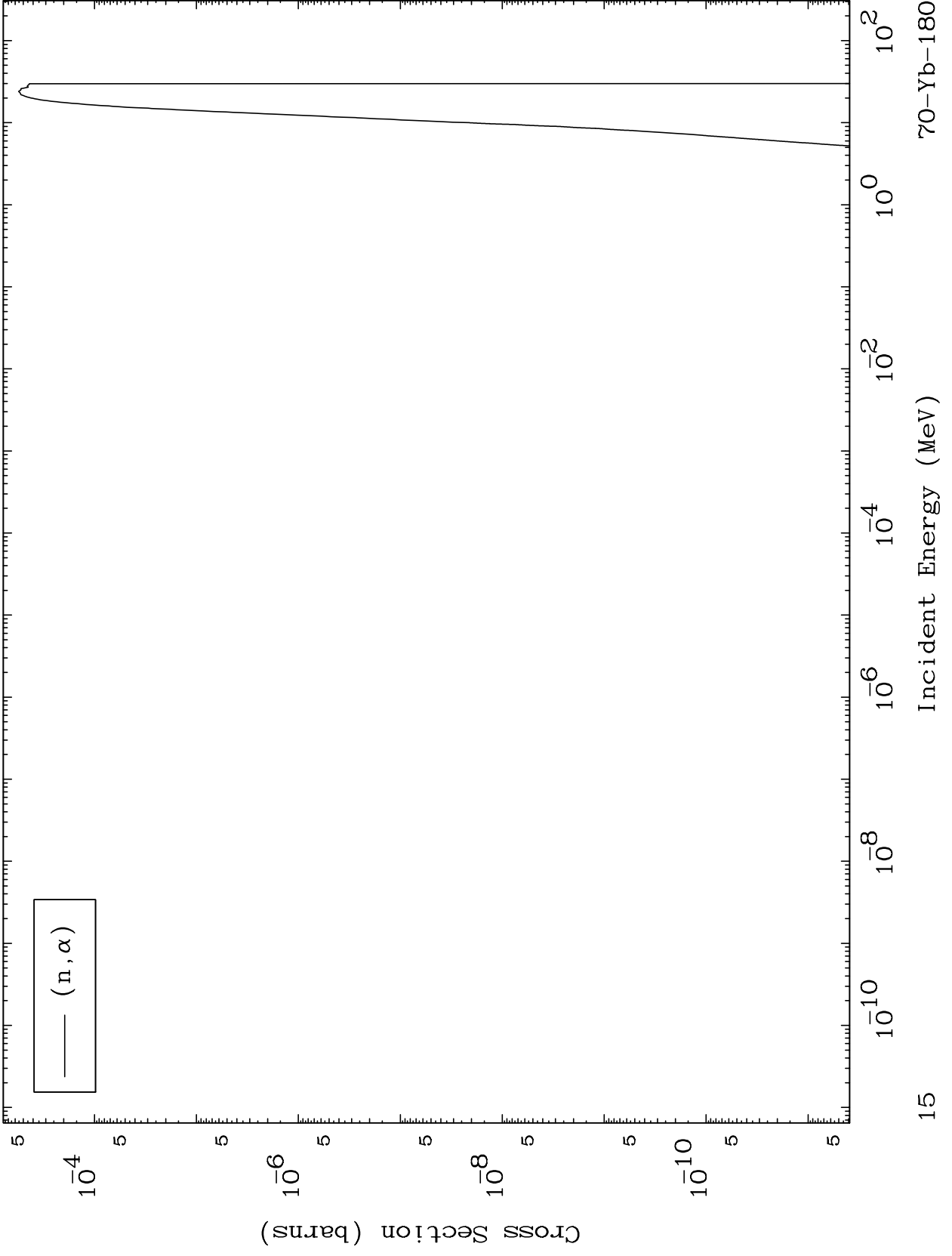
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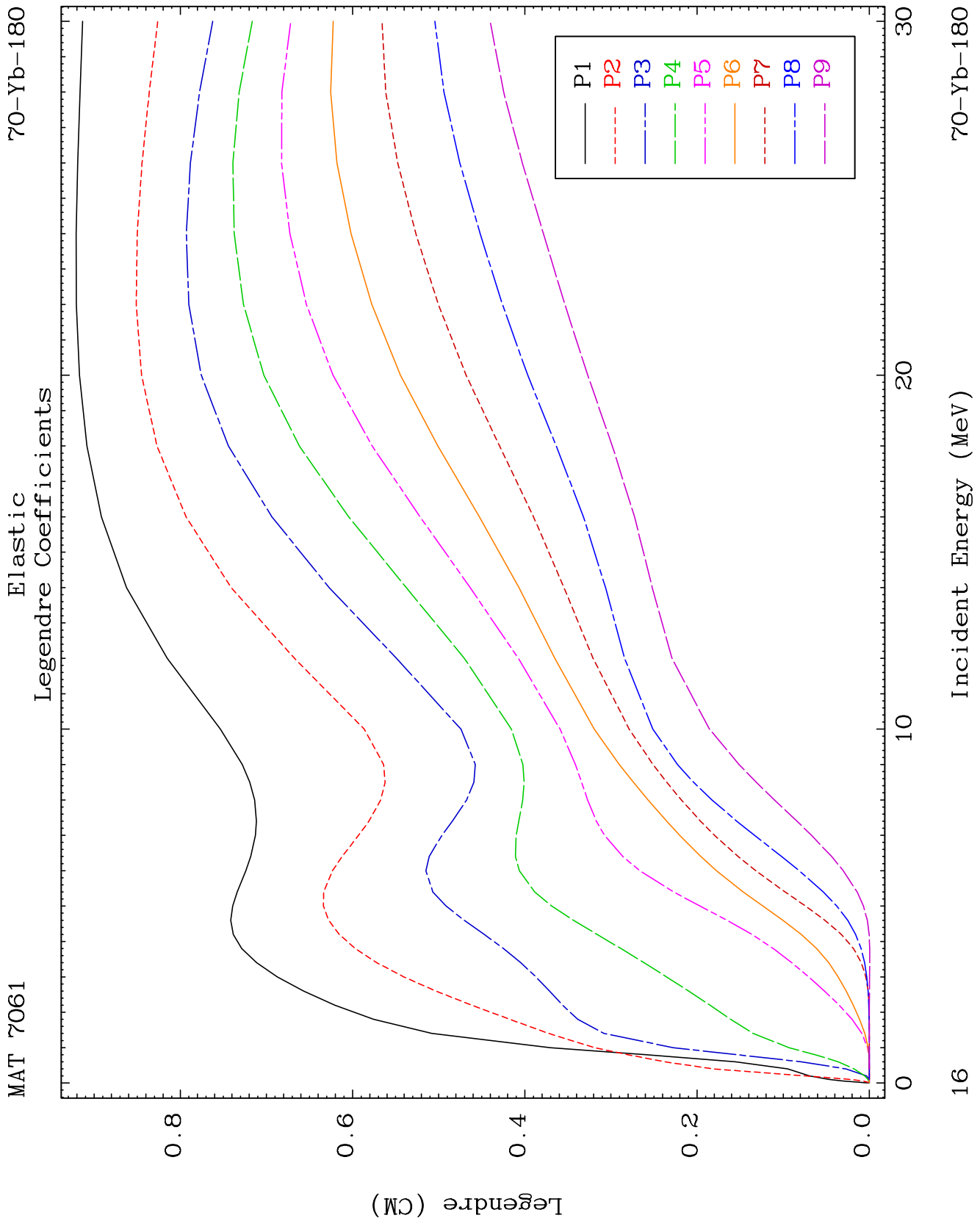
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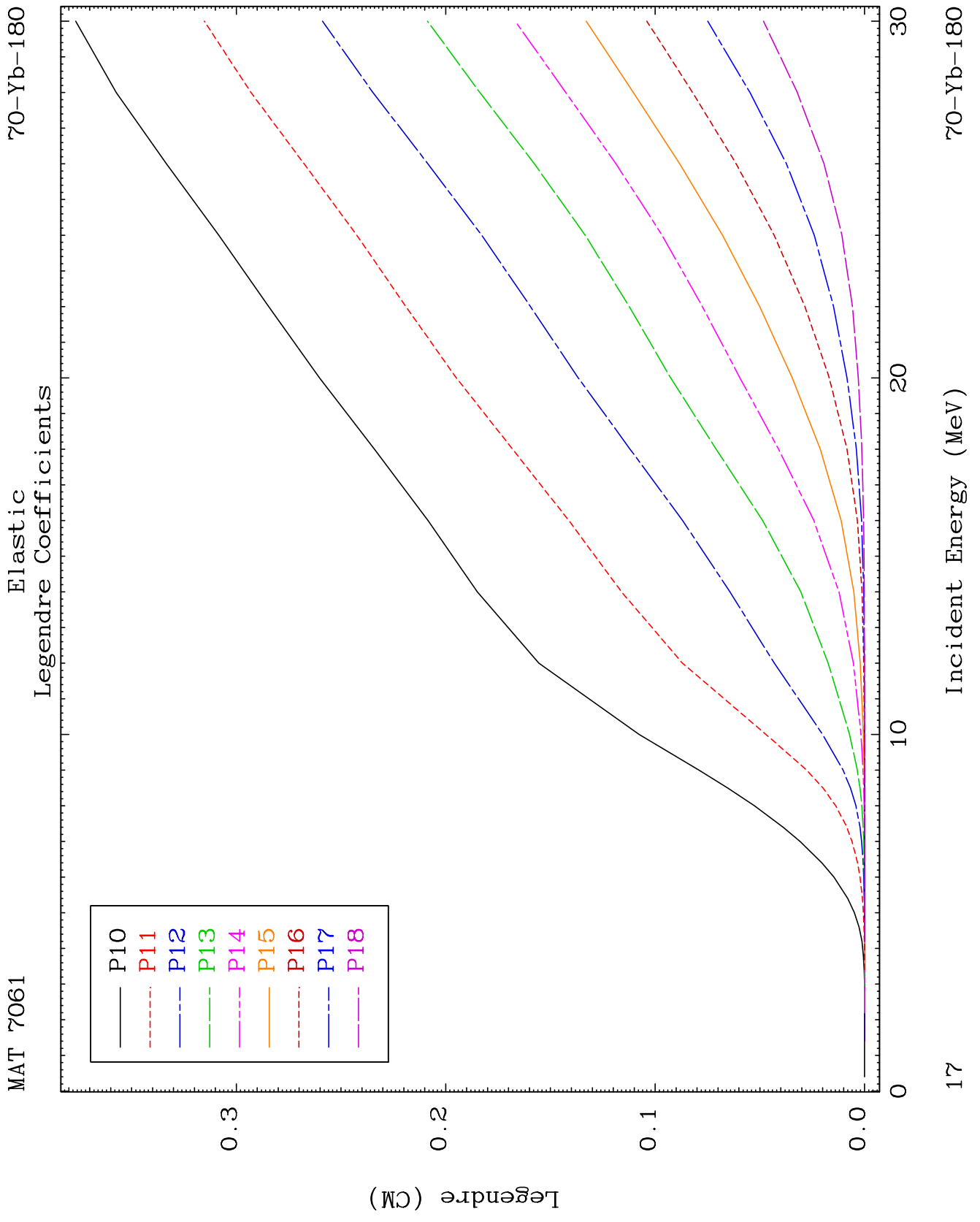
MAT 7061

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-180



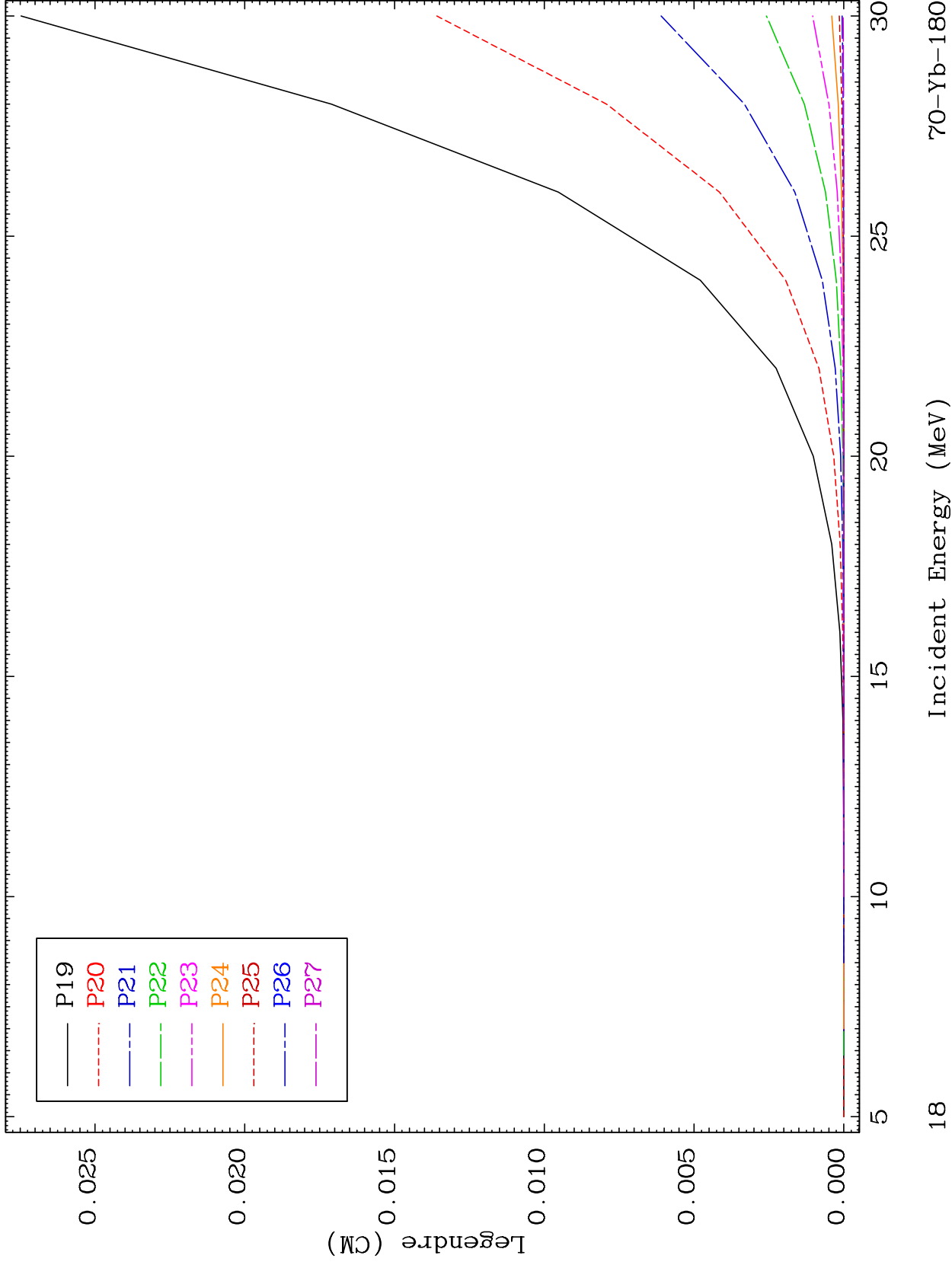




MAT 7061

Elastic Legendre Coefficients

70-Yb-180



18

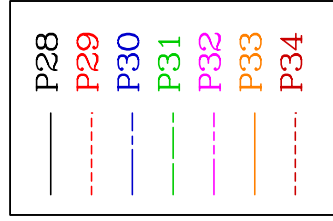
Incident Energy (MeV)

70-Yb-180

MAT 7061

Elastic
Legendre Coefficients

70-Yb-180



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

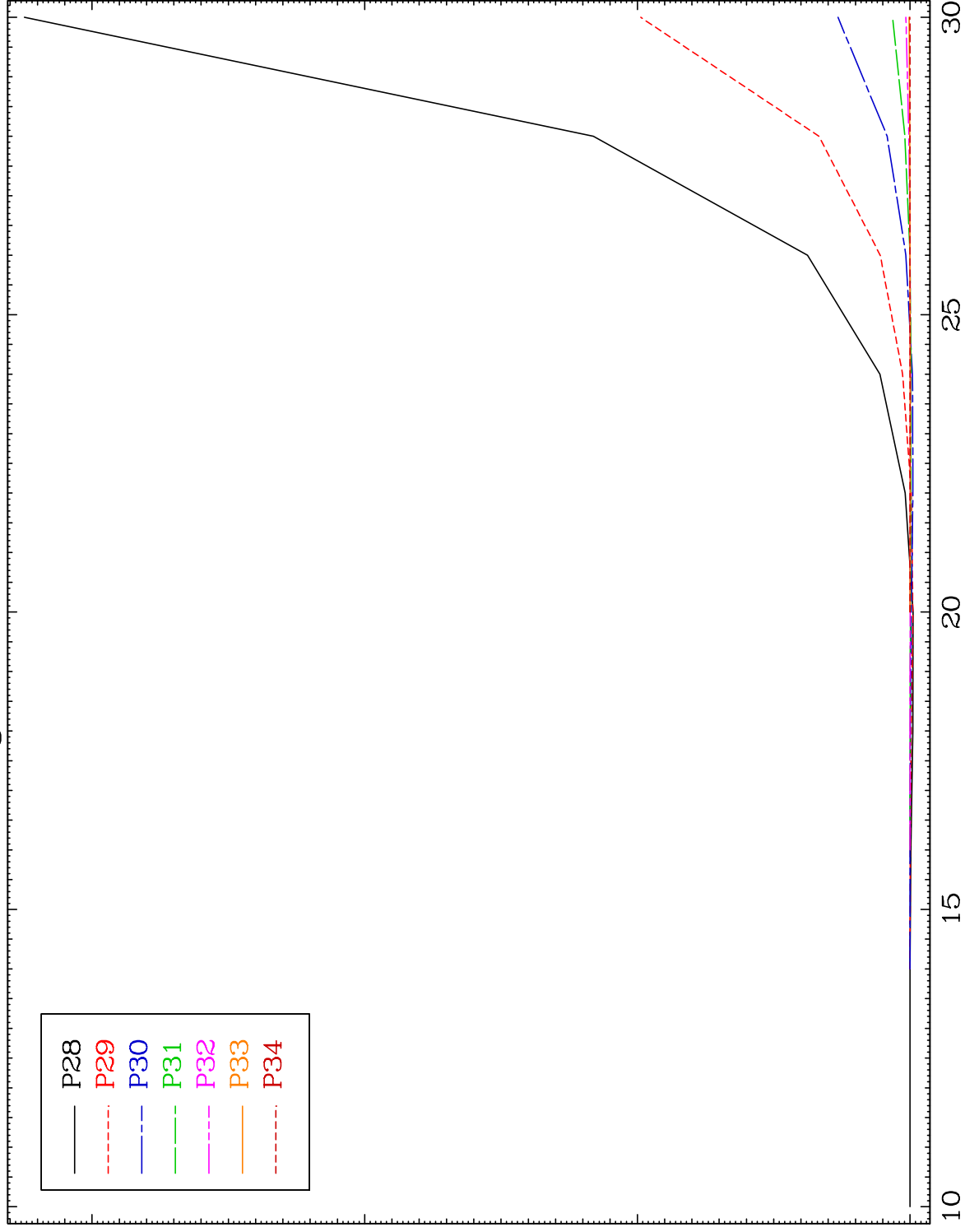
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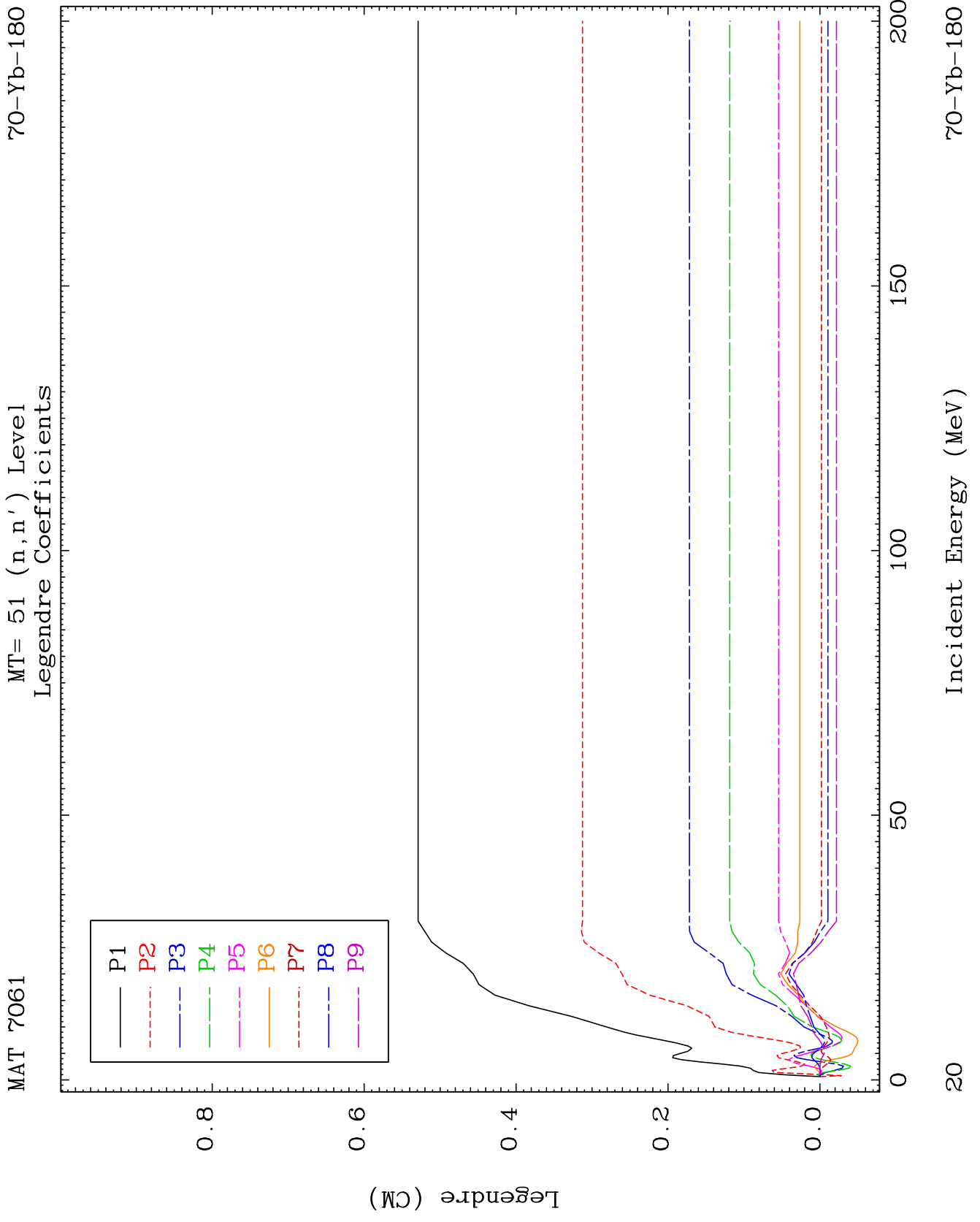
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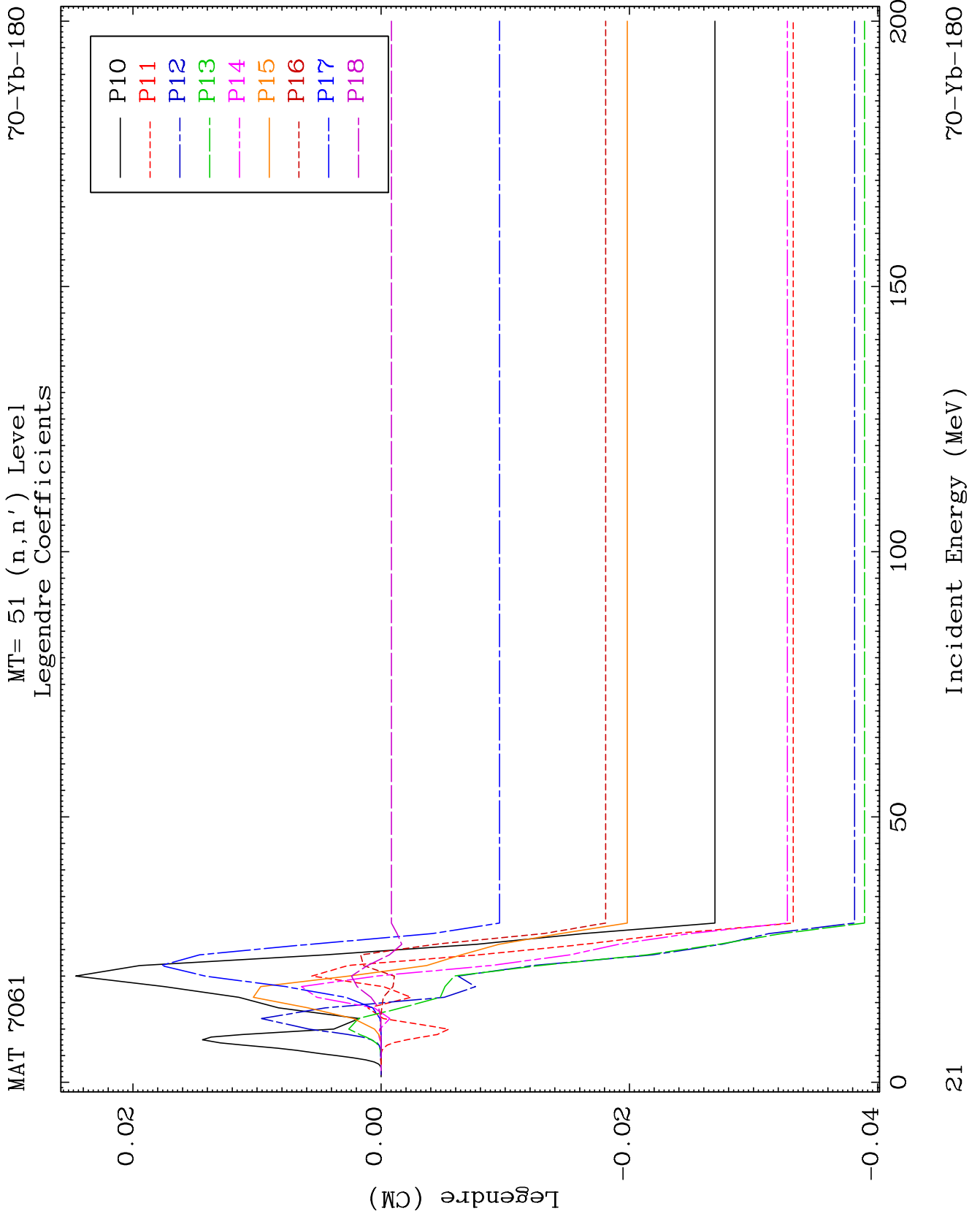
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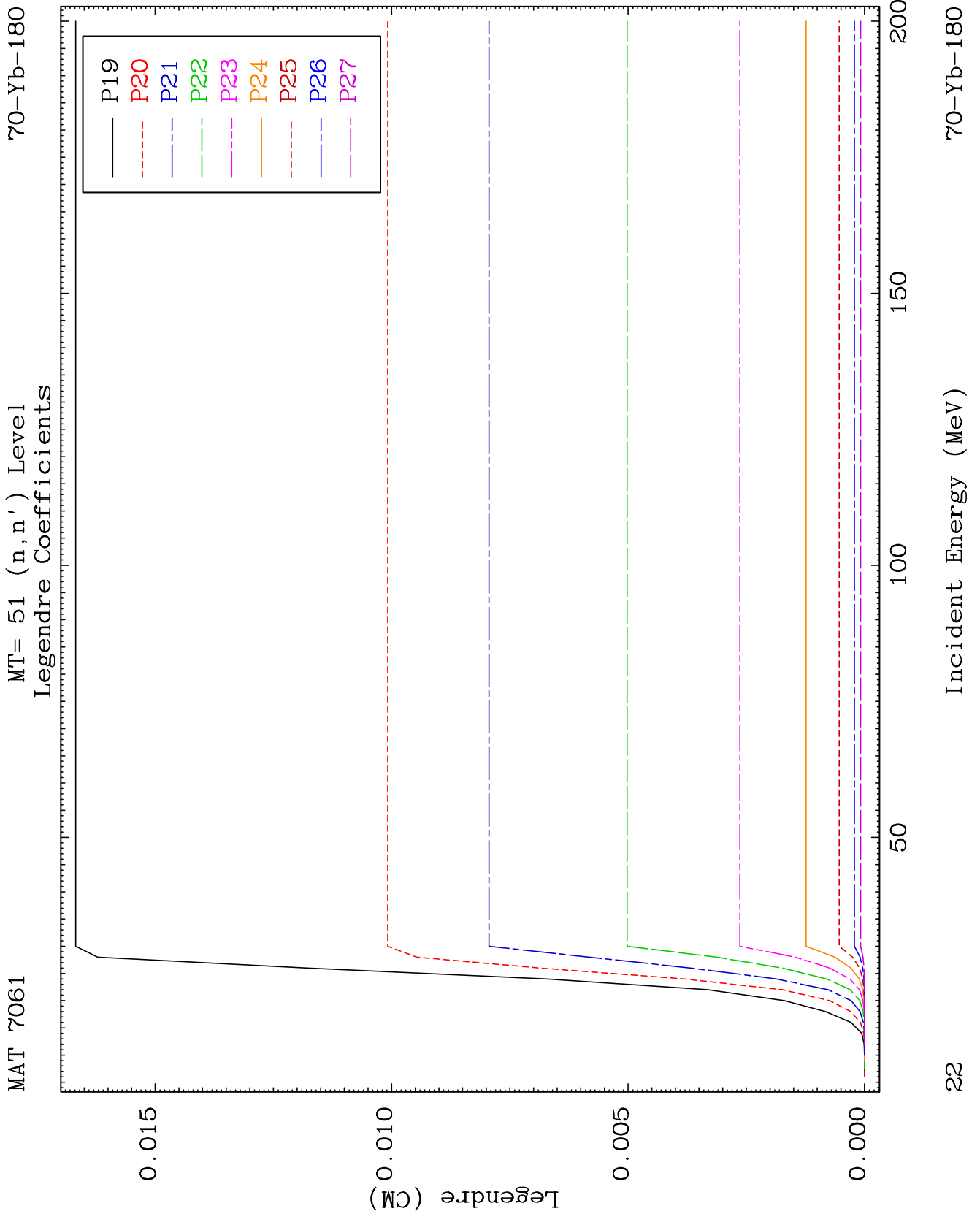
Incident Energy (MeV)

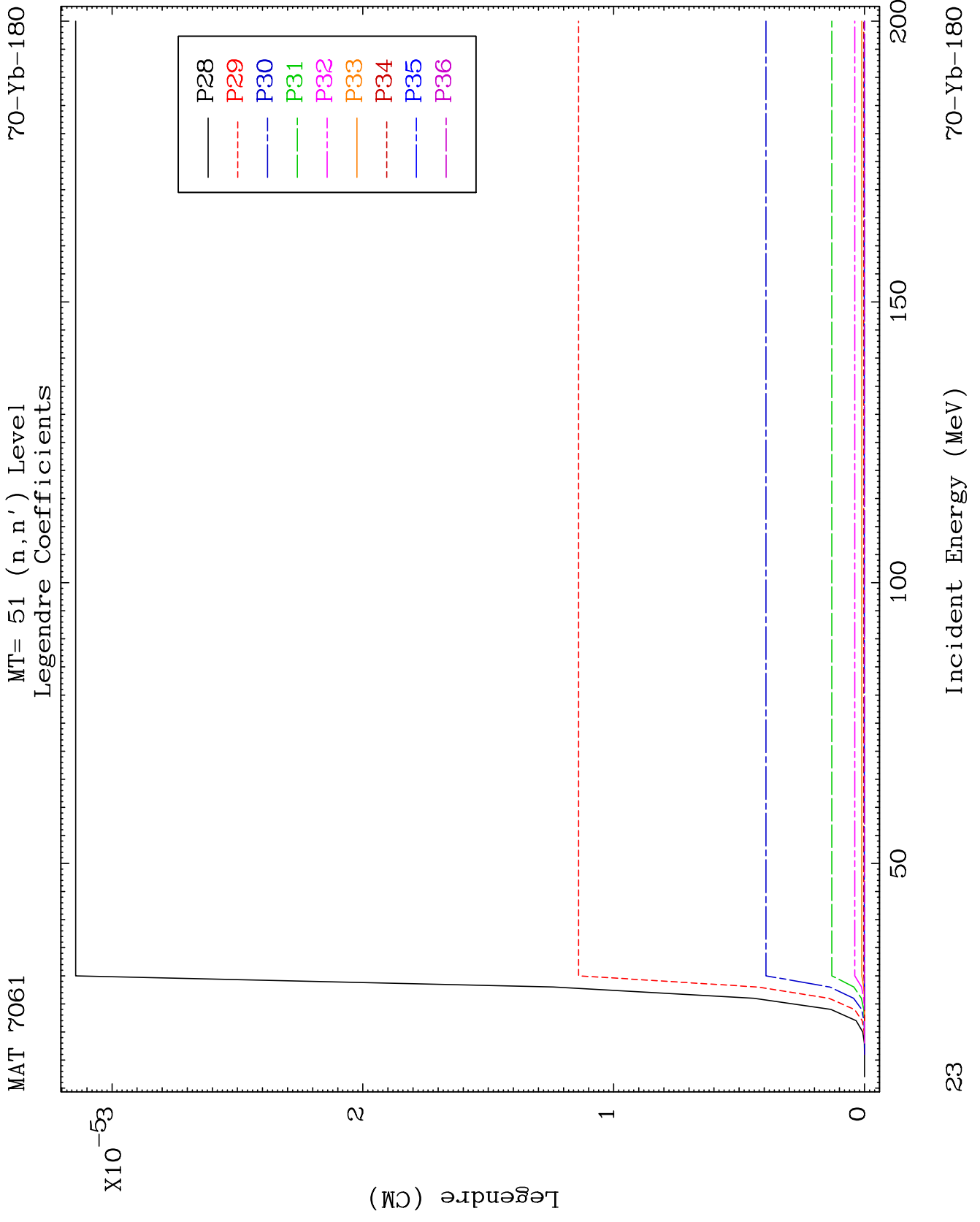
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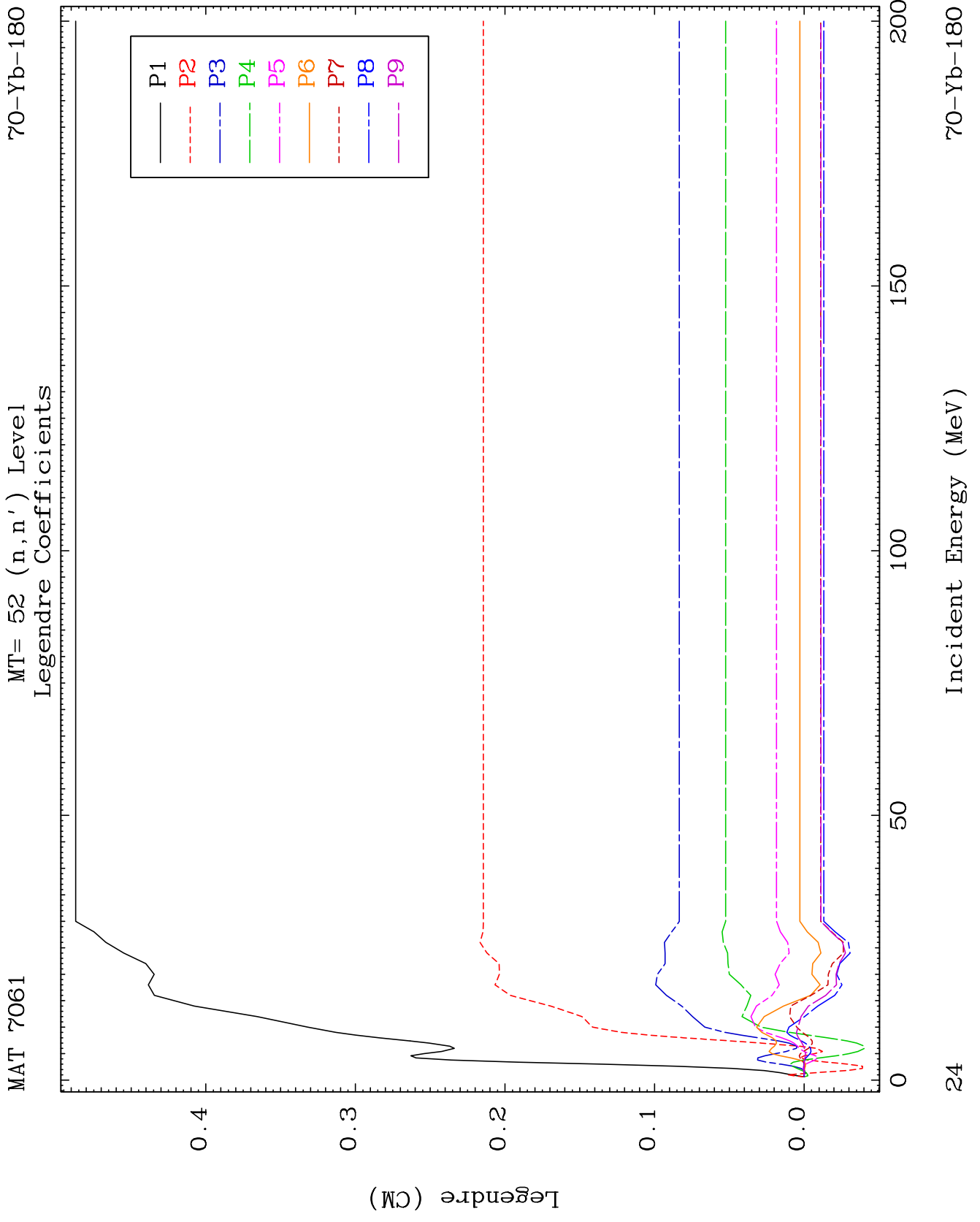


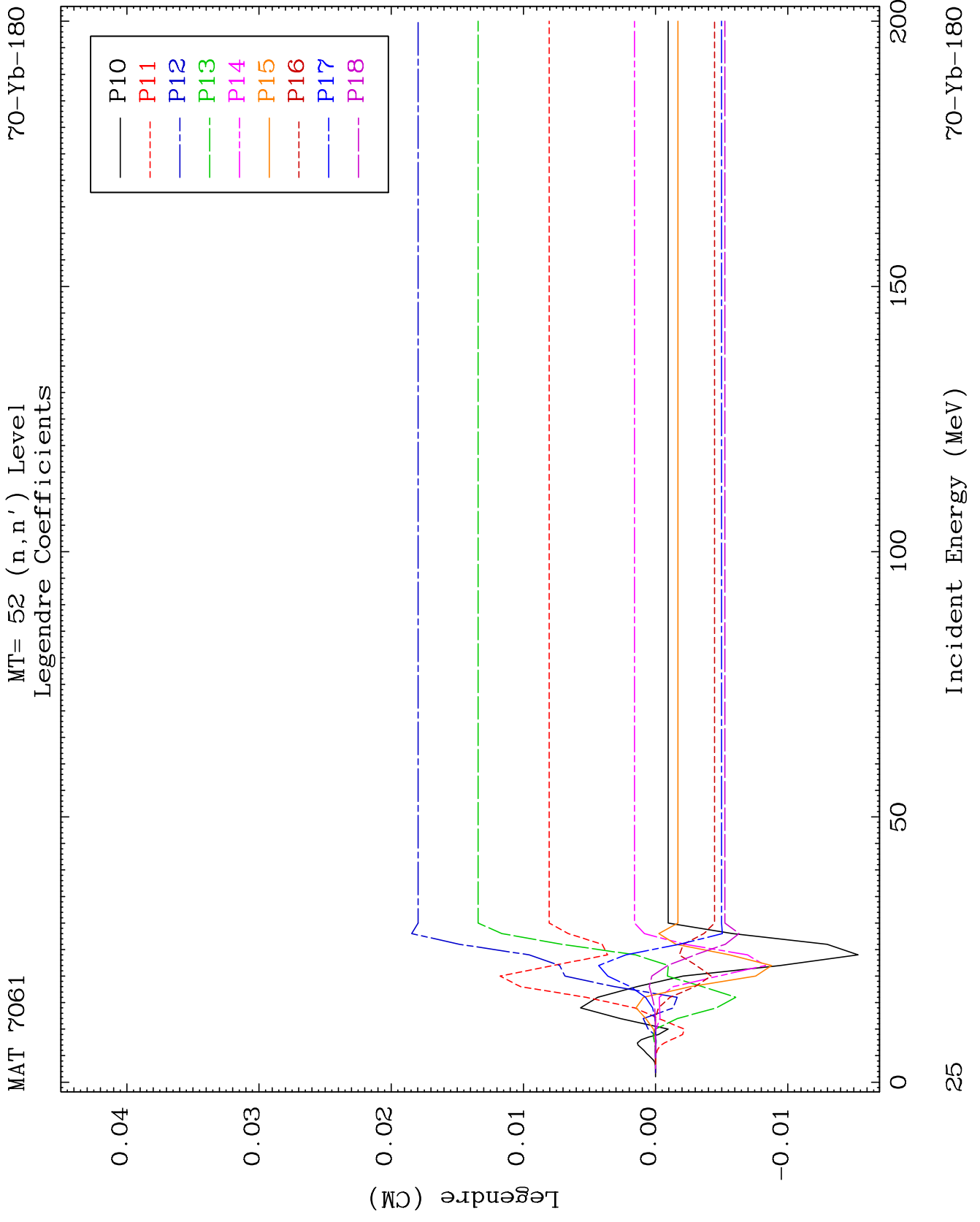








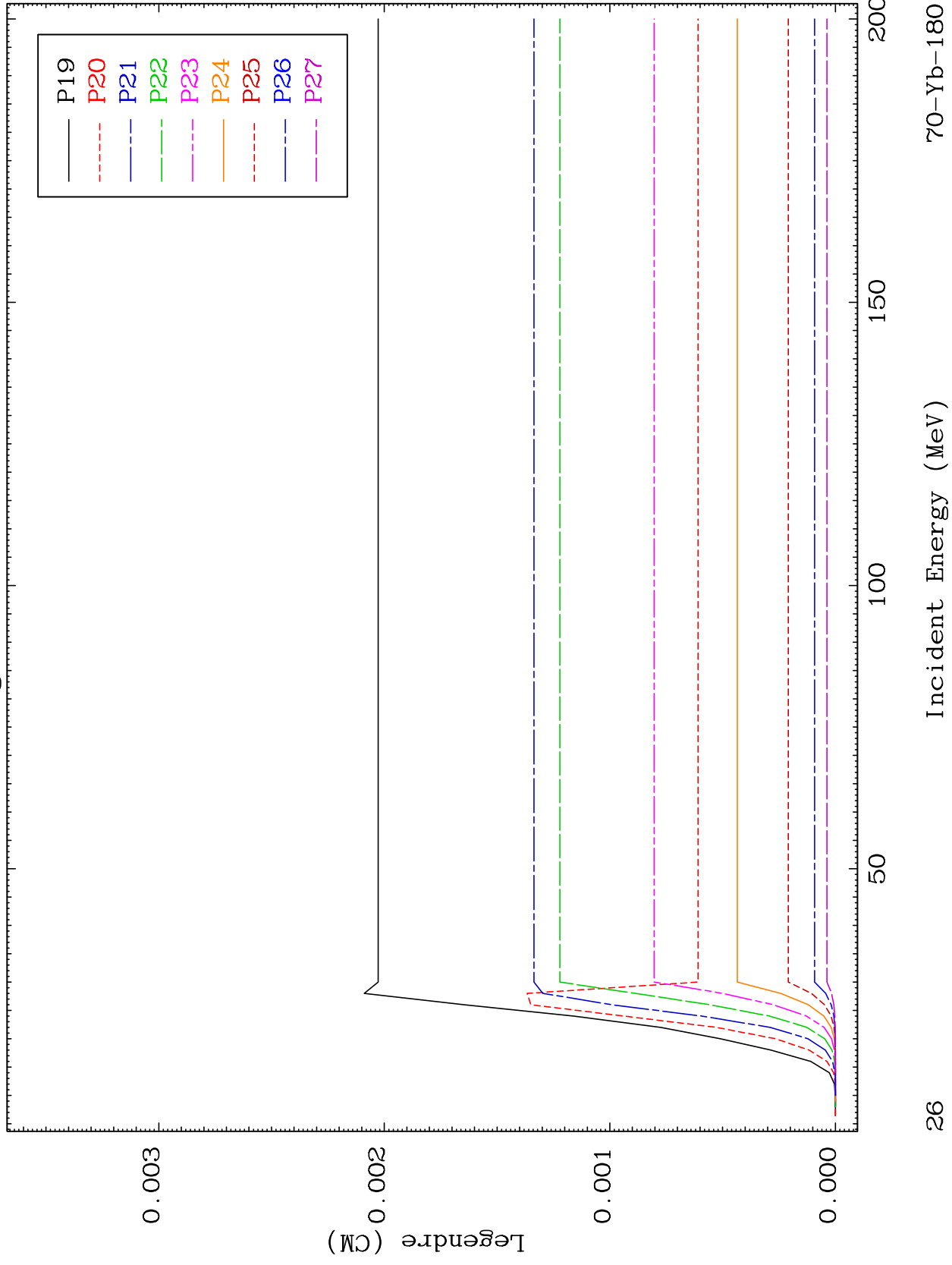




MAT 7061

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

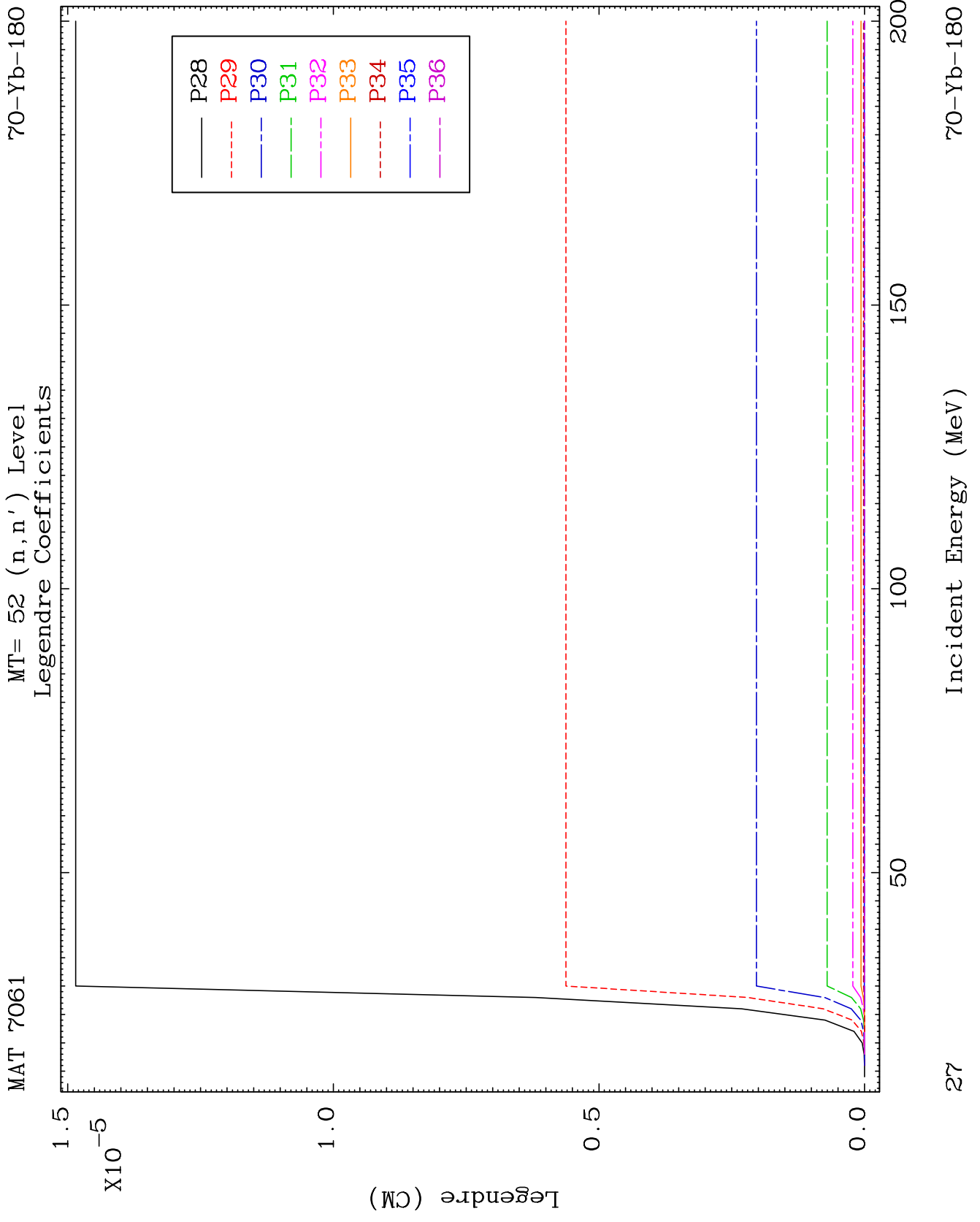
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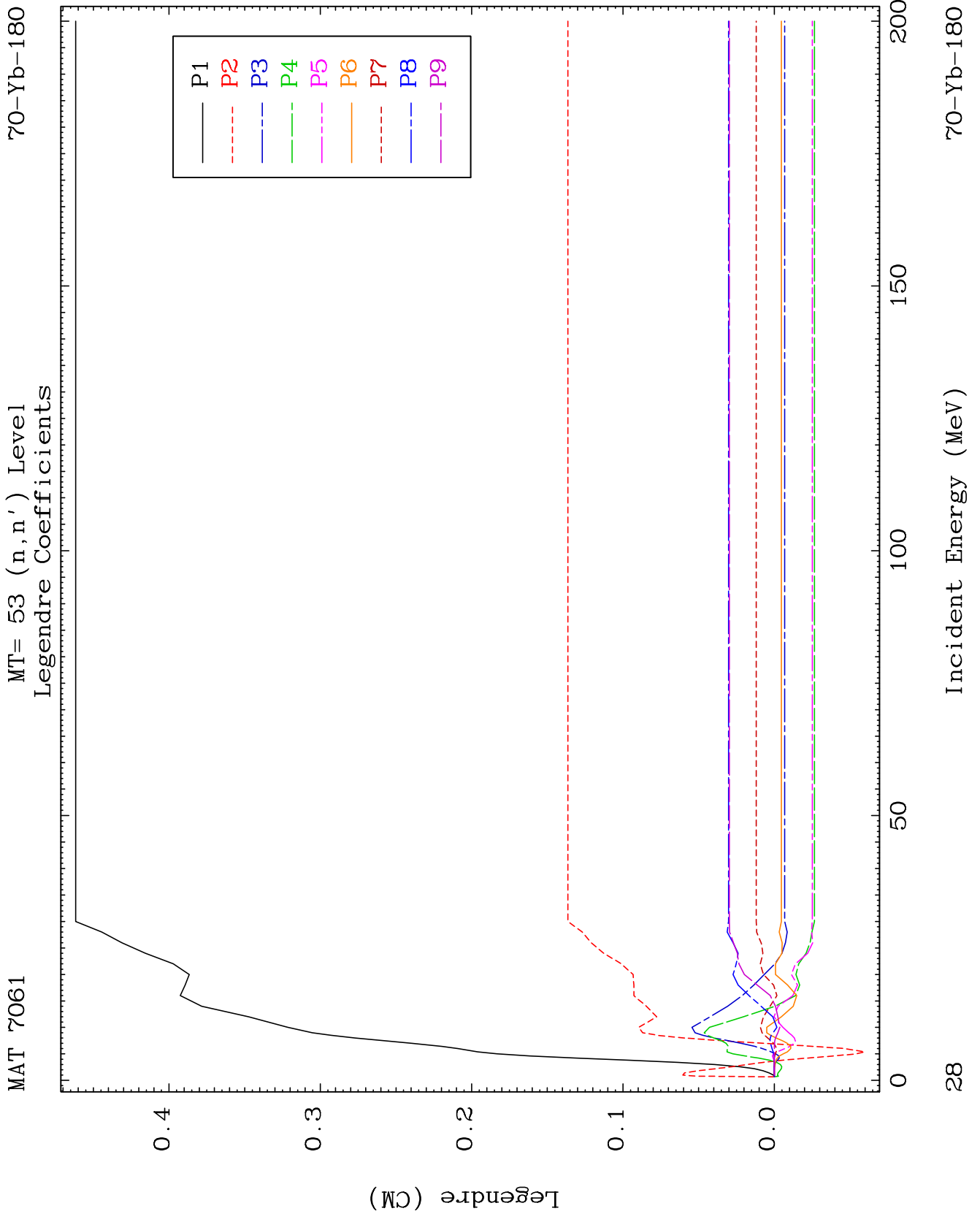


26

Incident Energy (MeV)

70-Yb-180

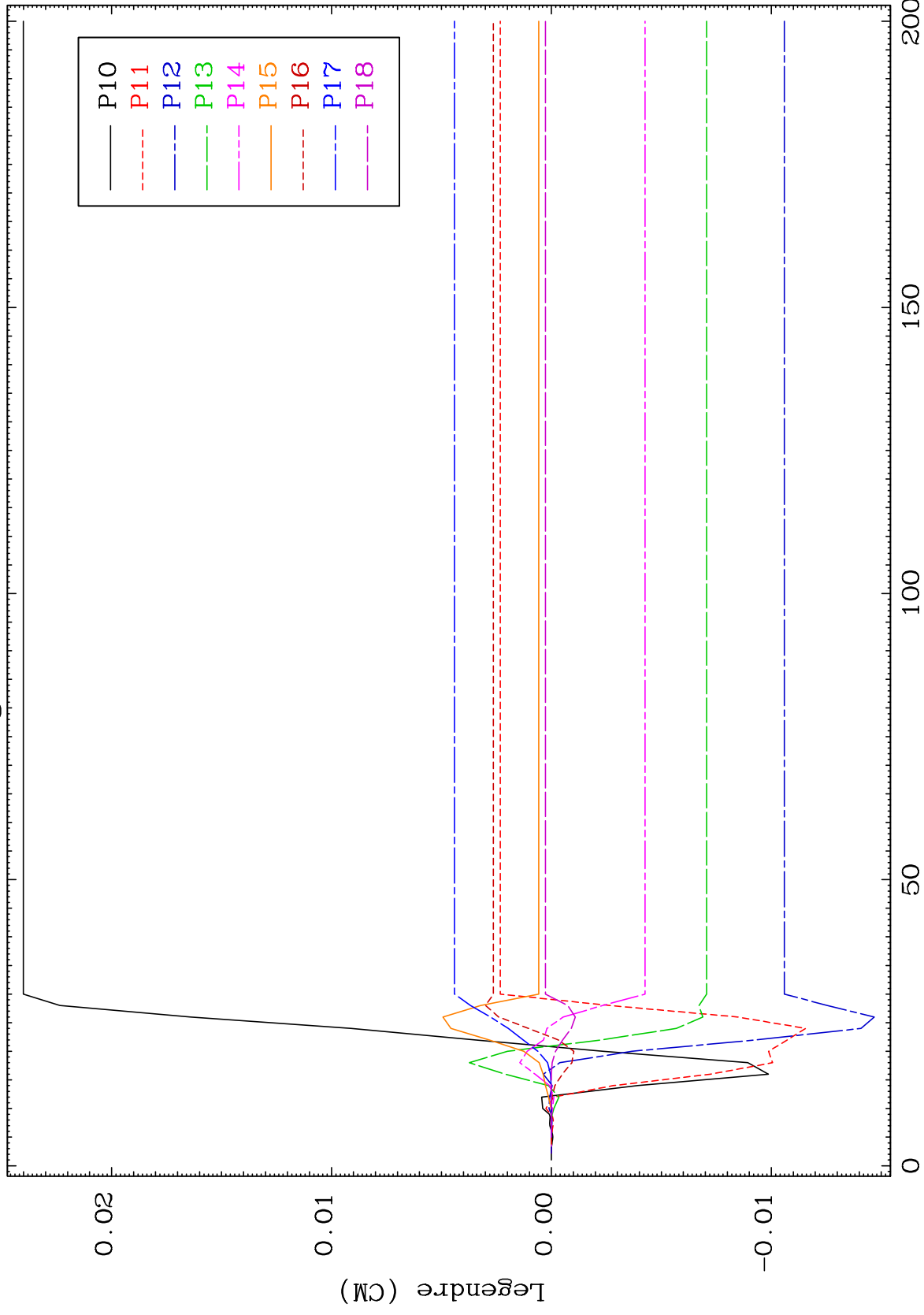




MAT 7061

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

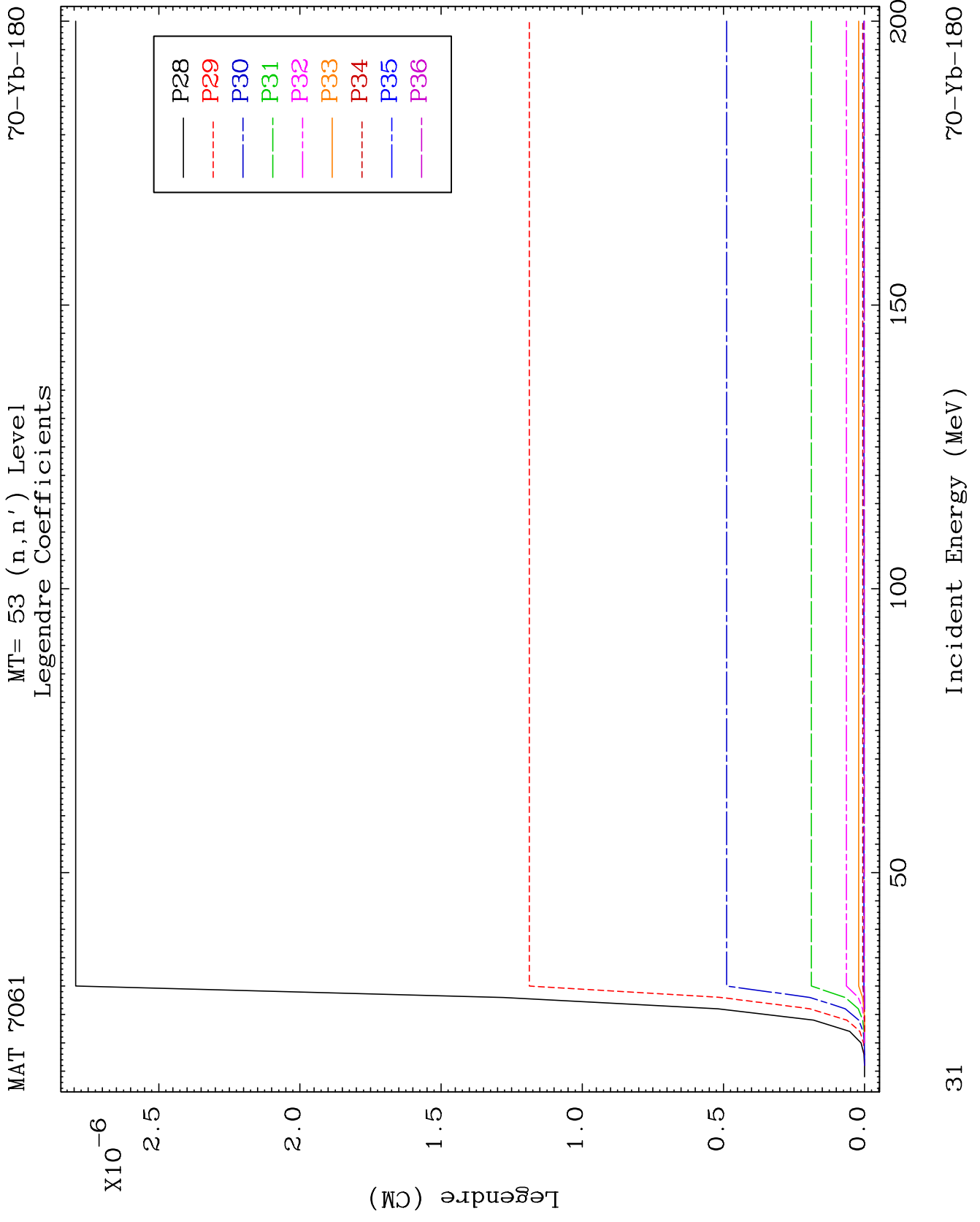
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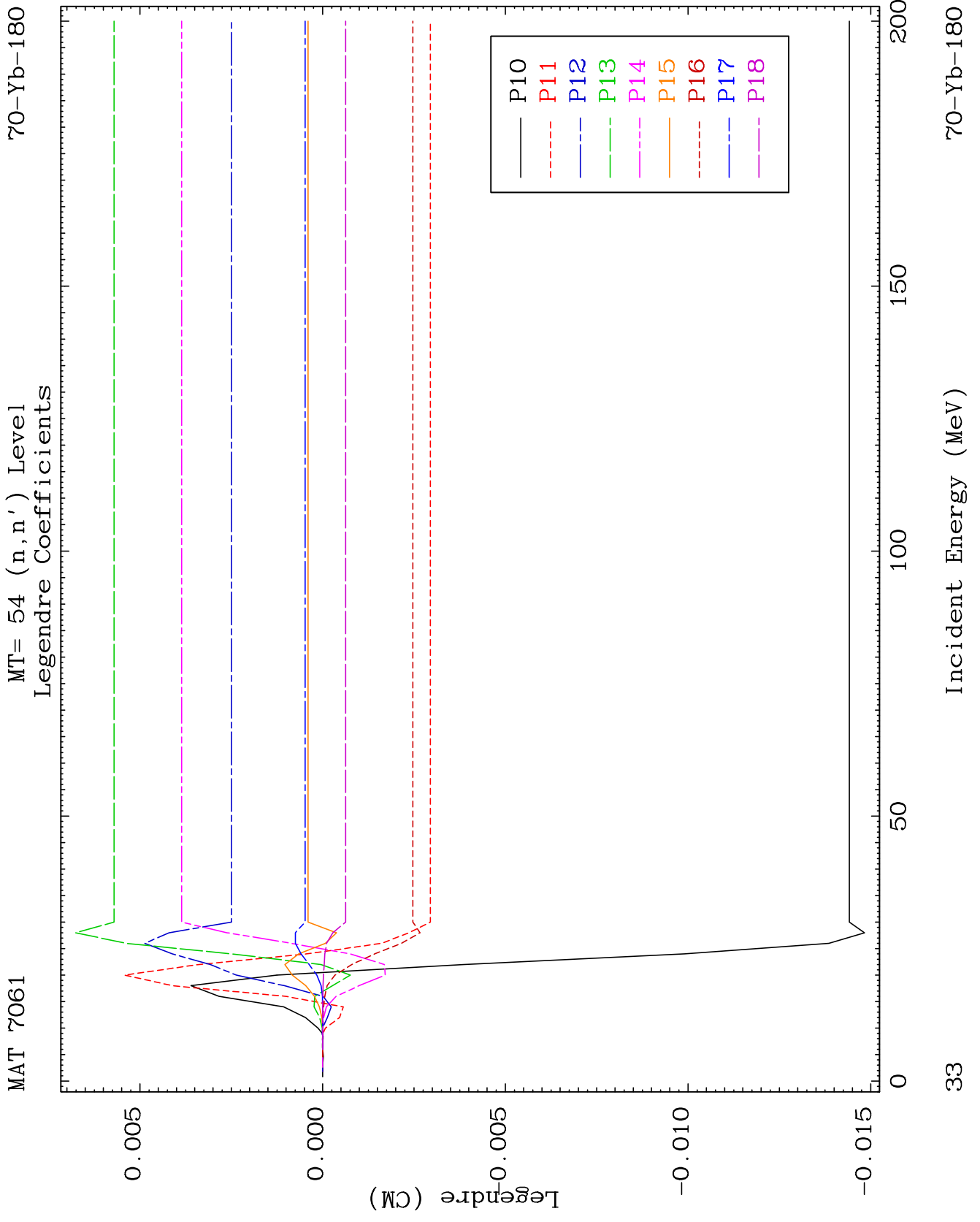


29

Incident Energy (MeV)

70-Yb-180

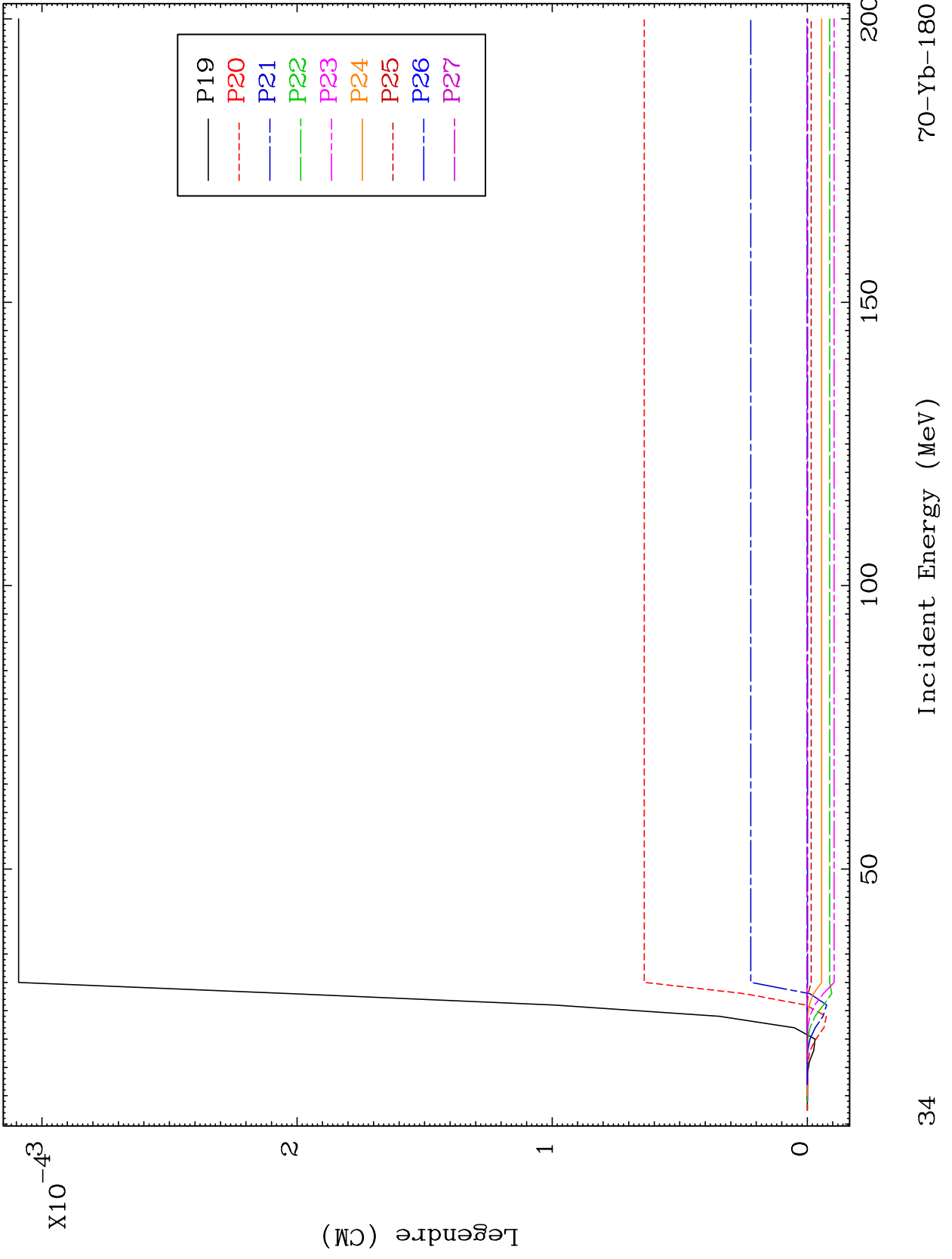




MAT 7061

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

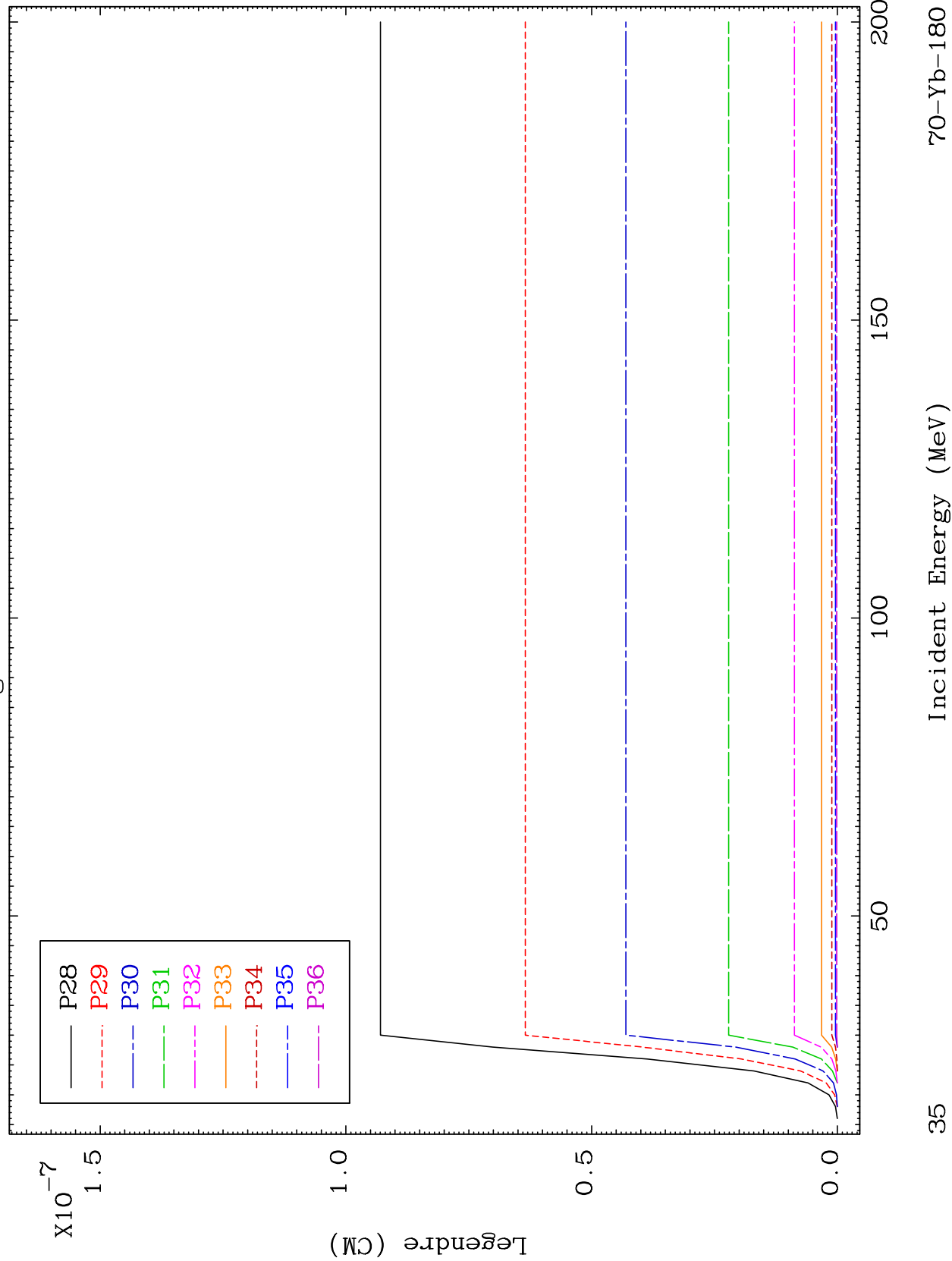
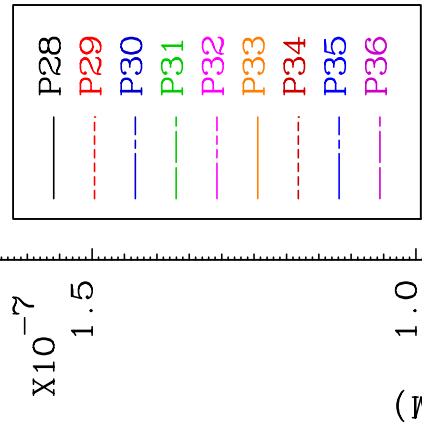
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MAT 7061

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

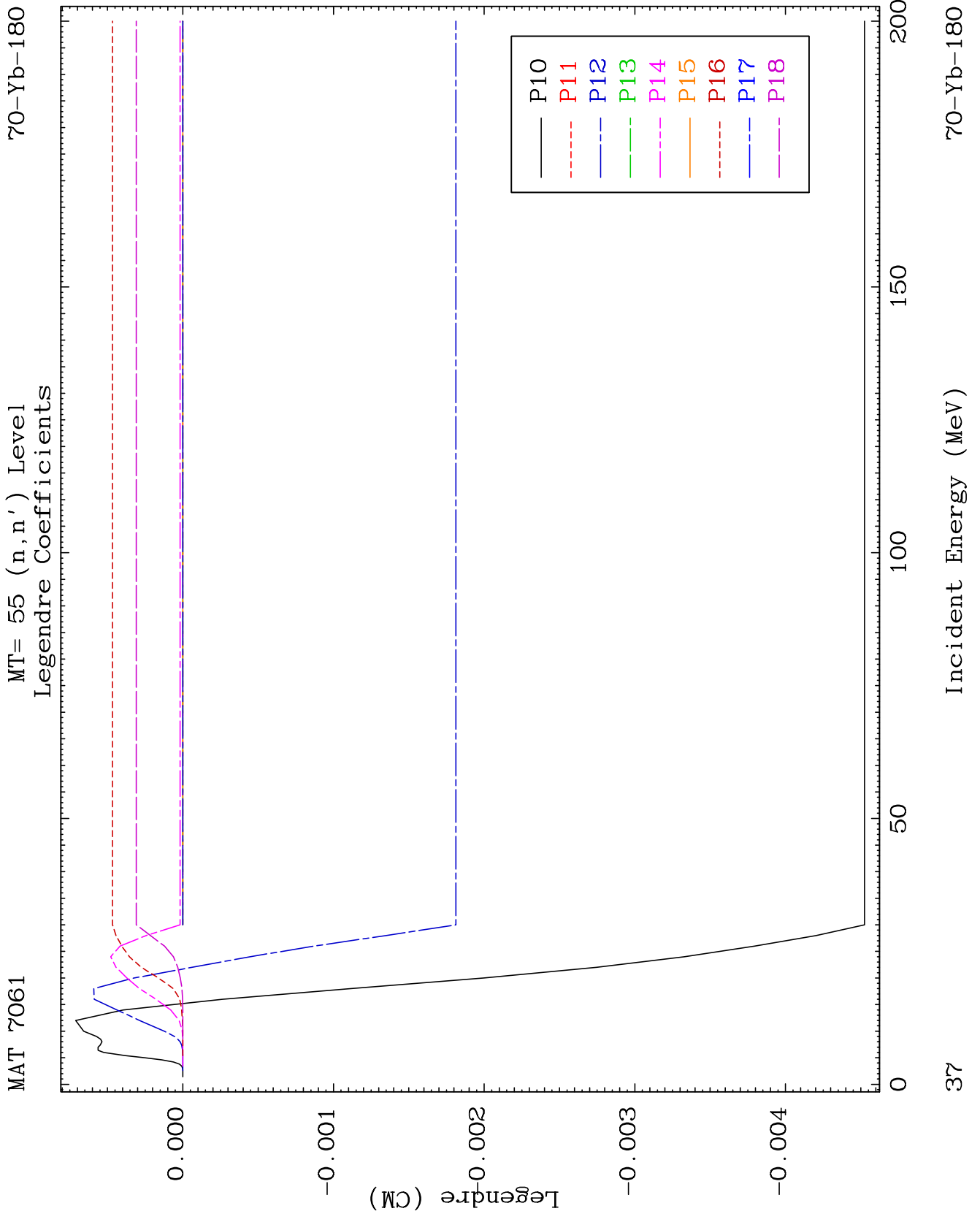
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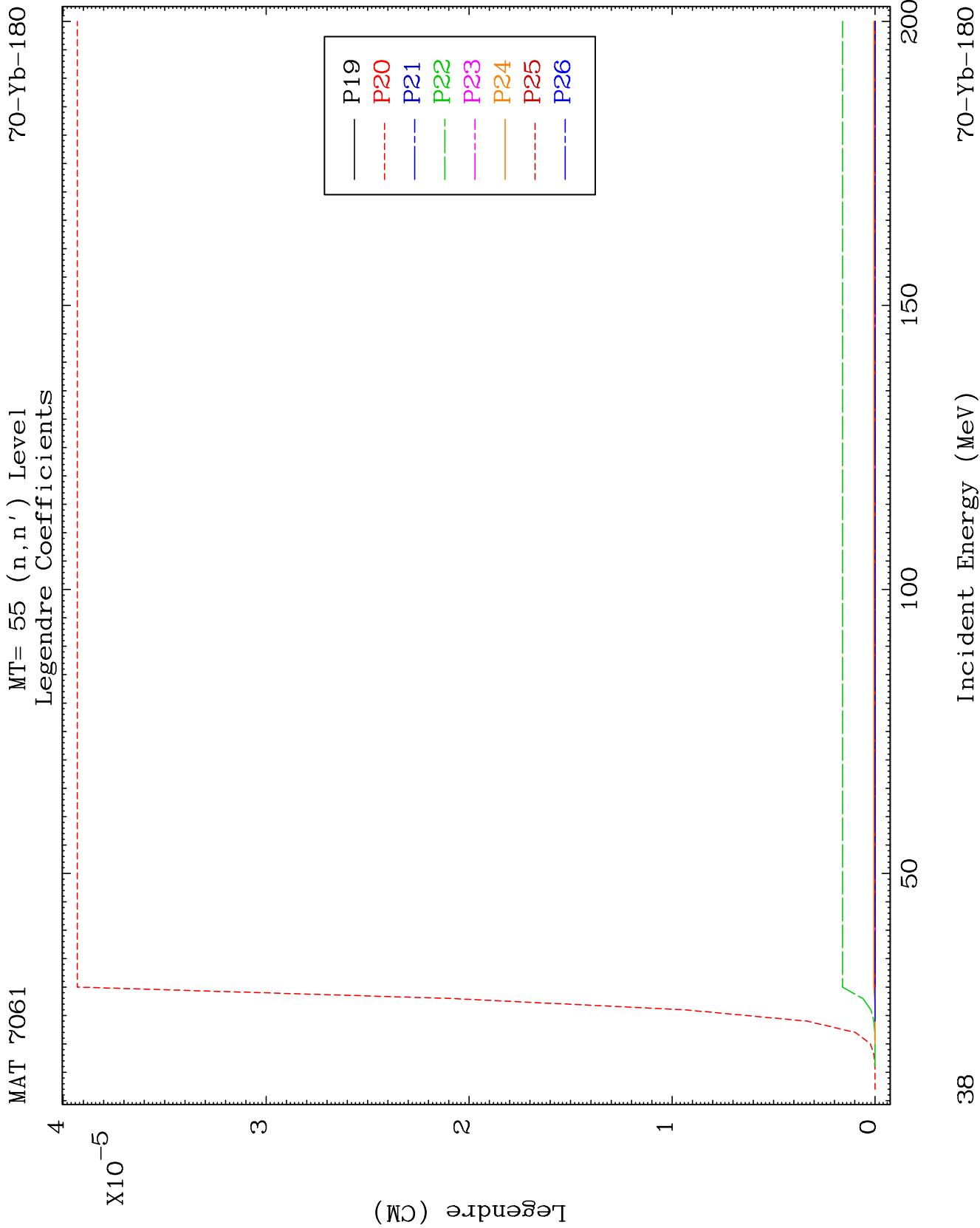


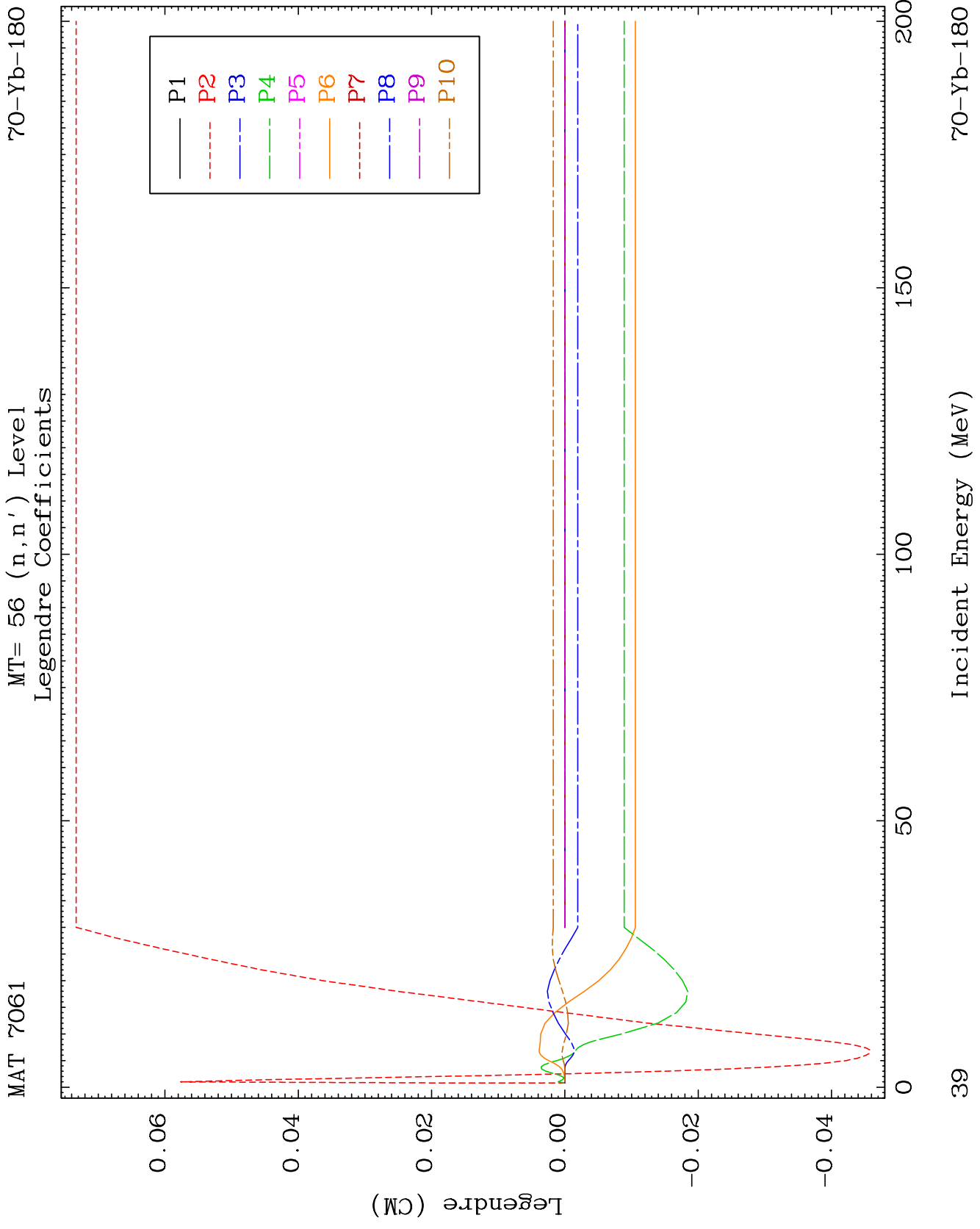
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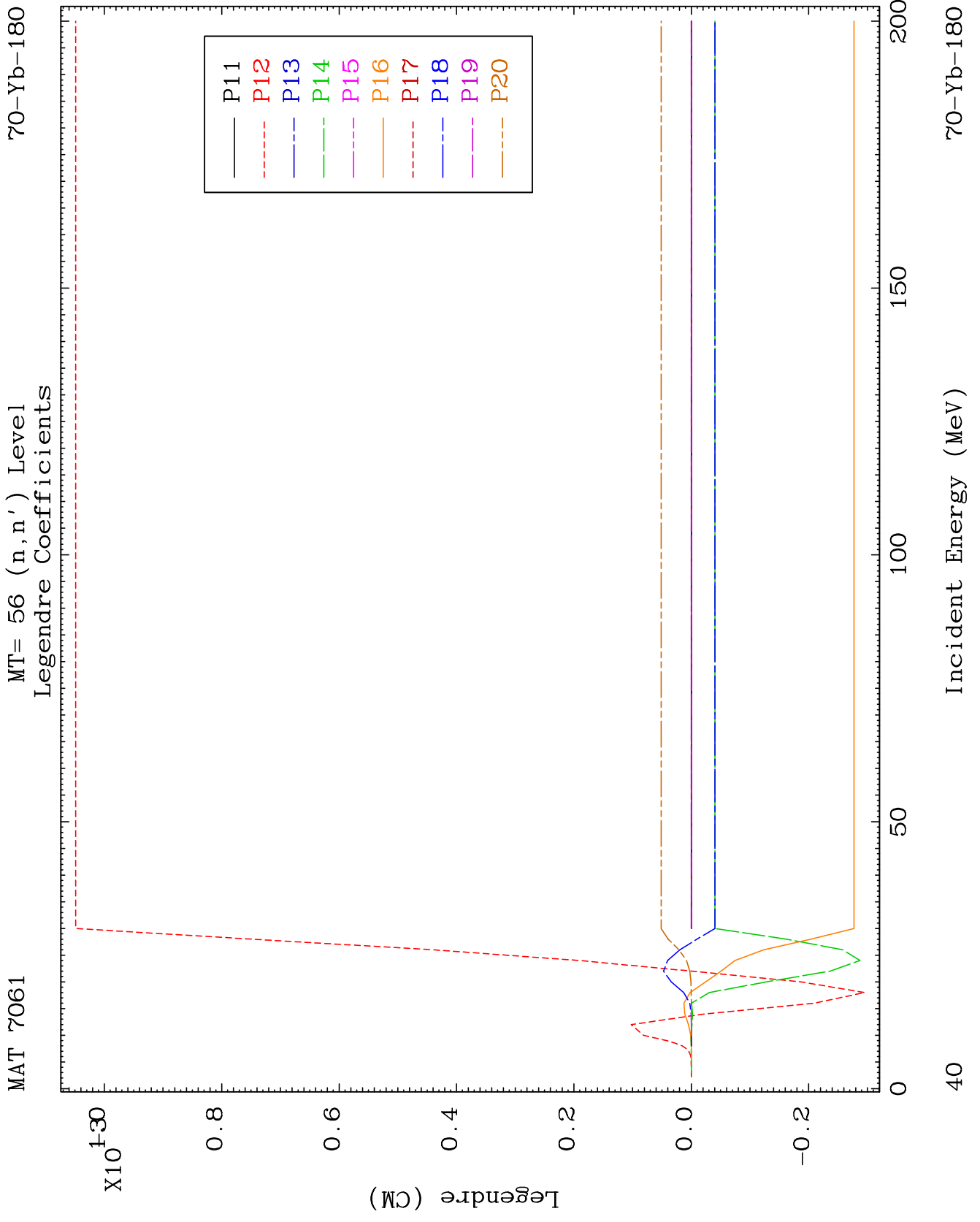
Incident Energy (MeV)

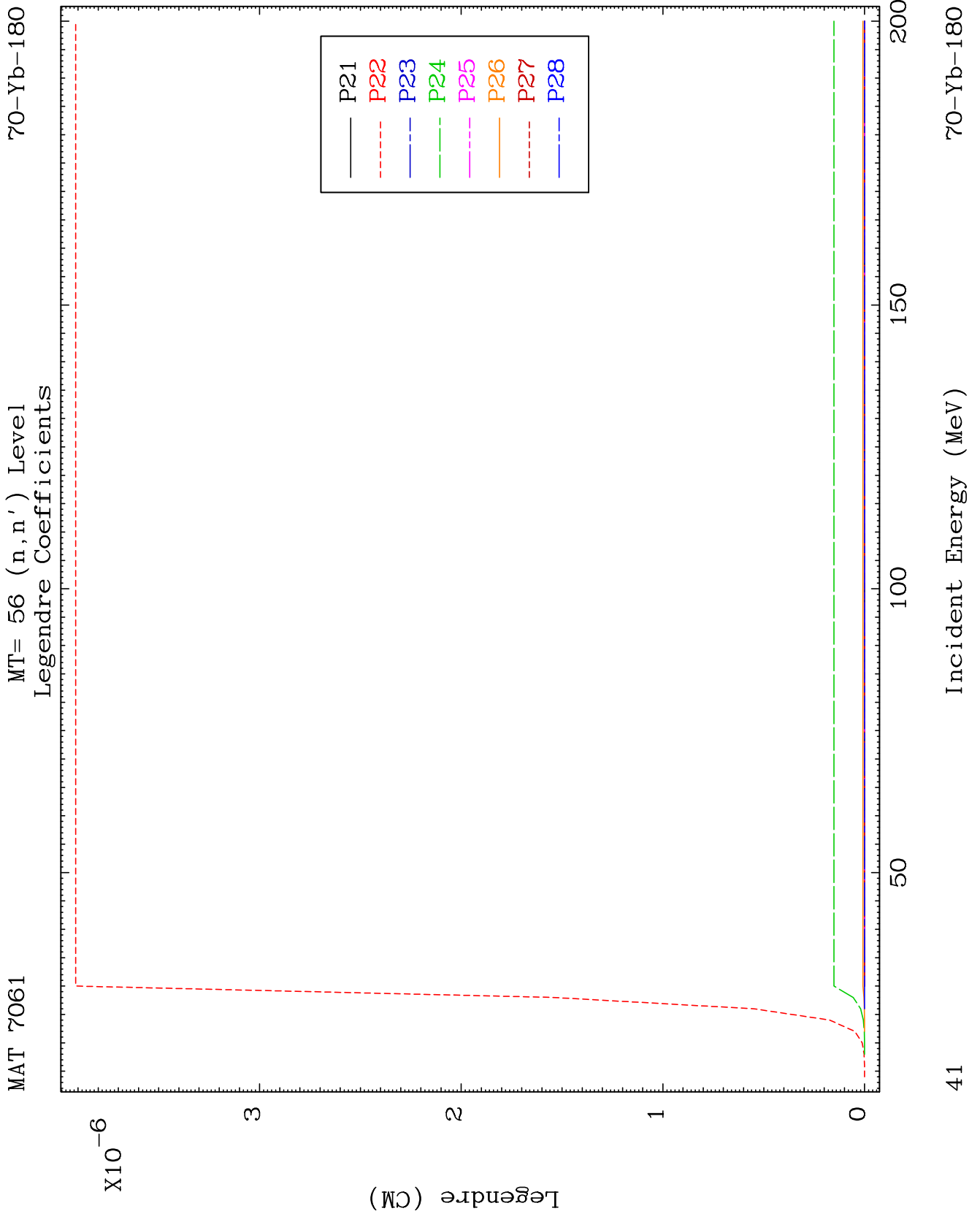
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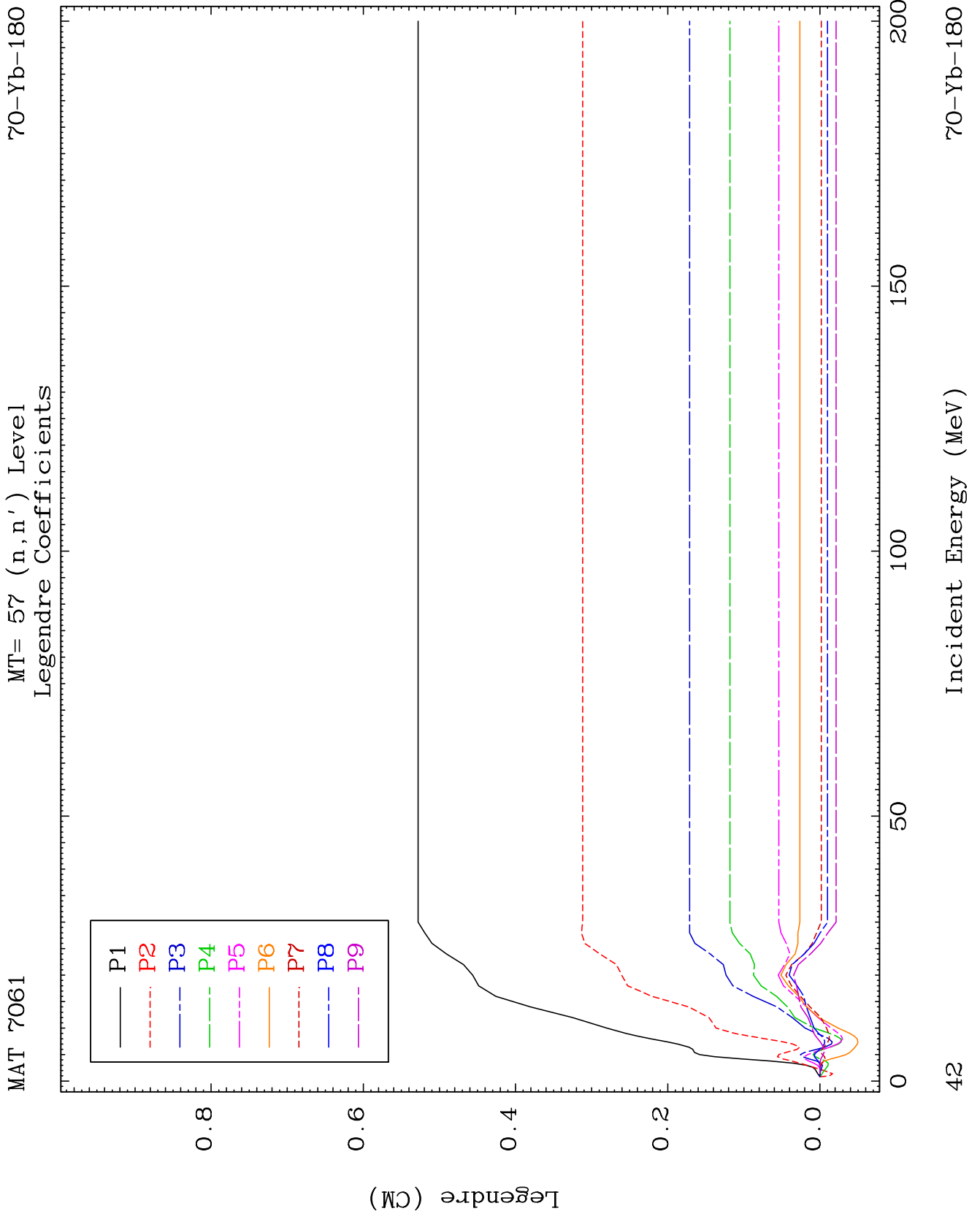


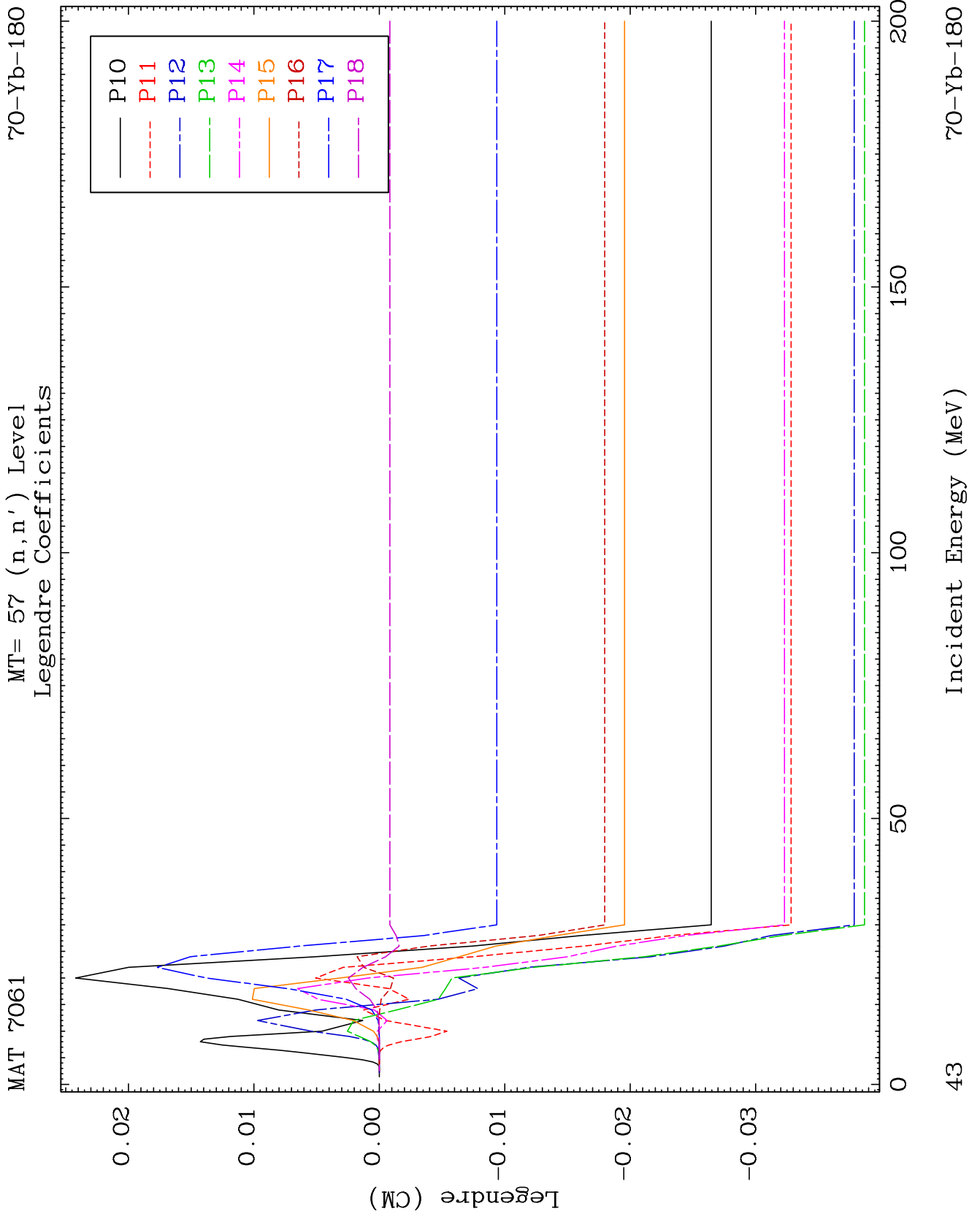


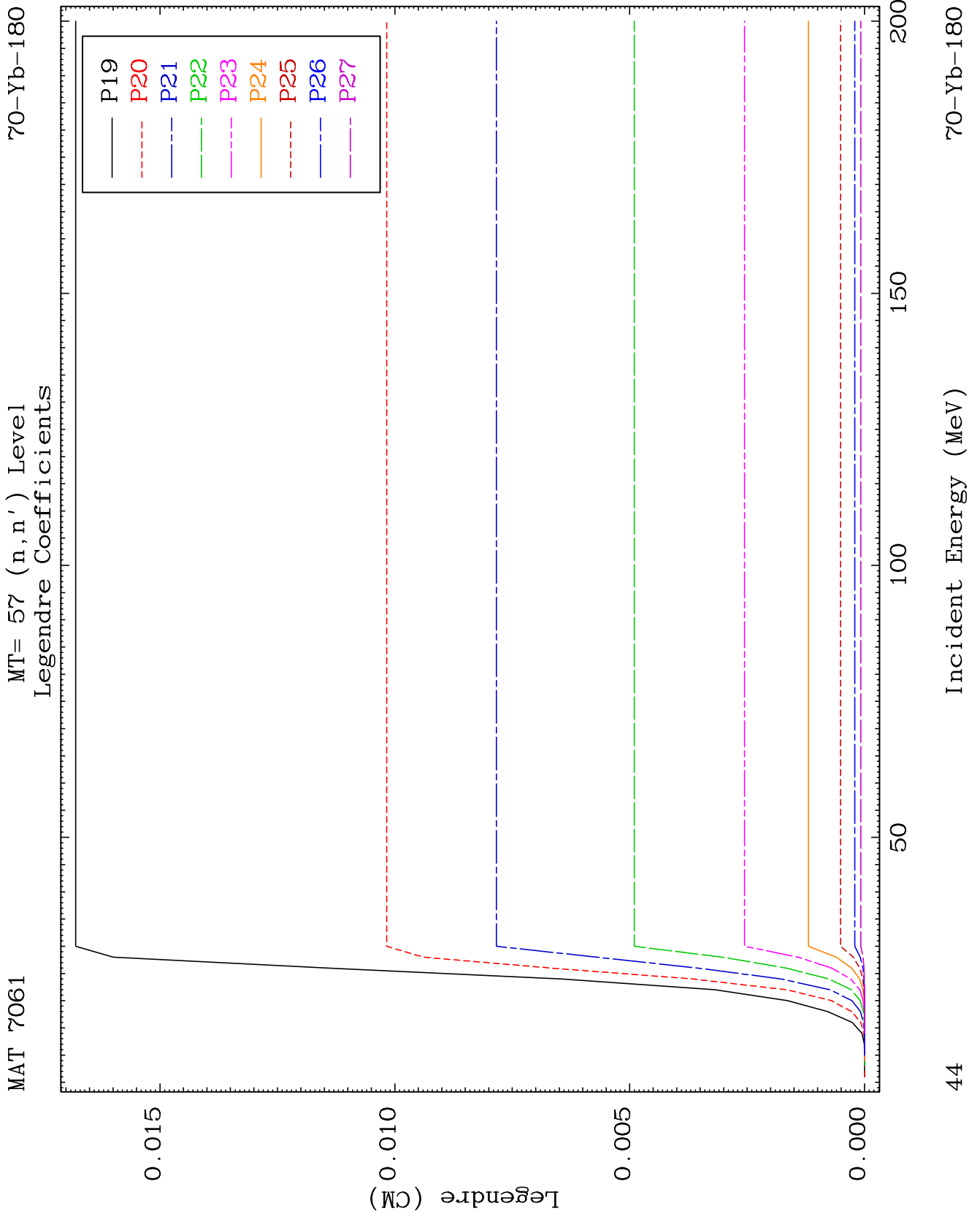


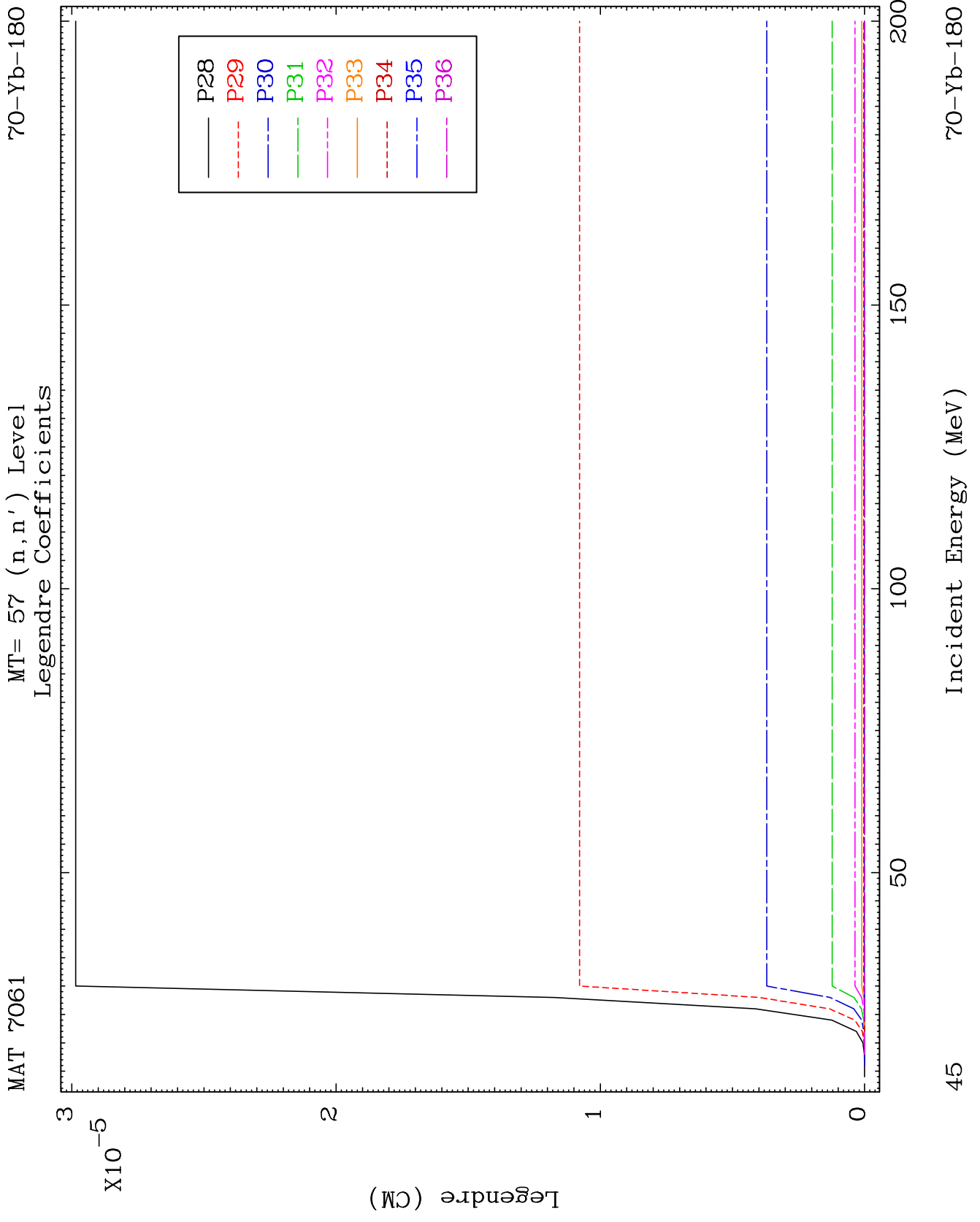


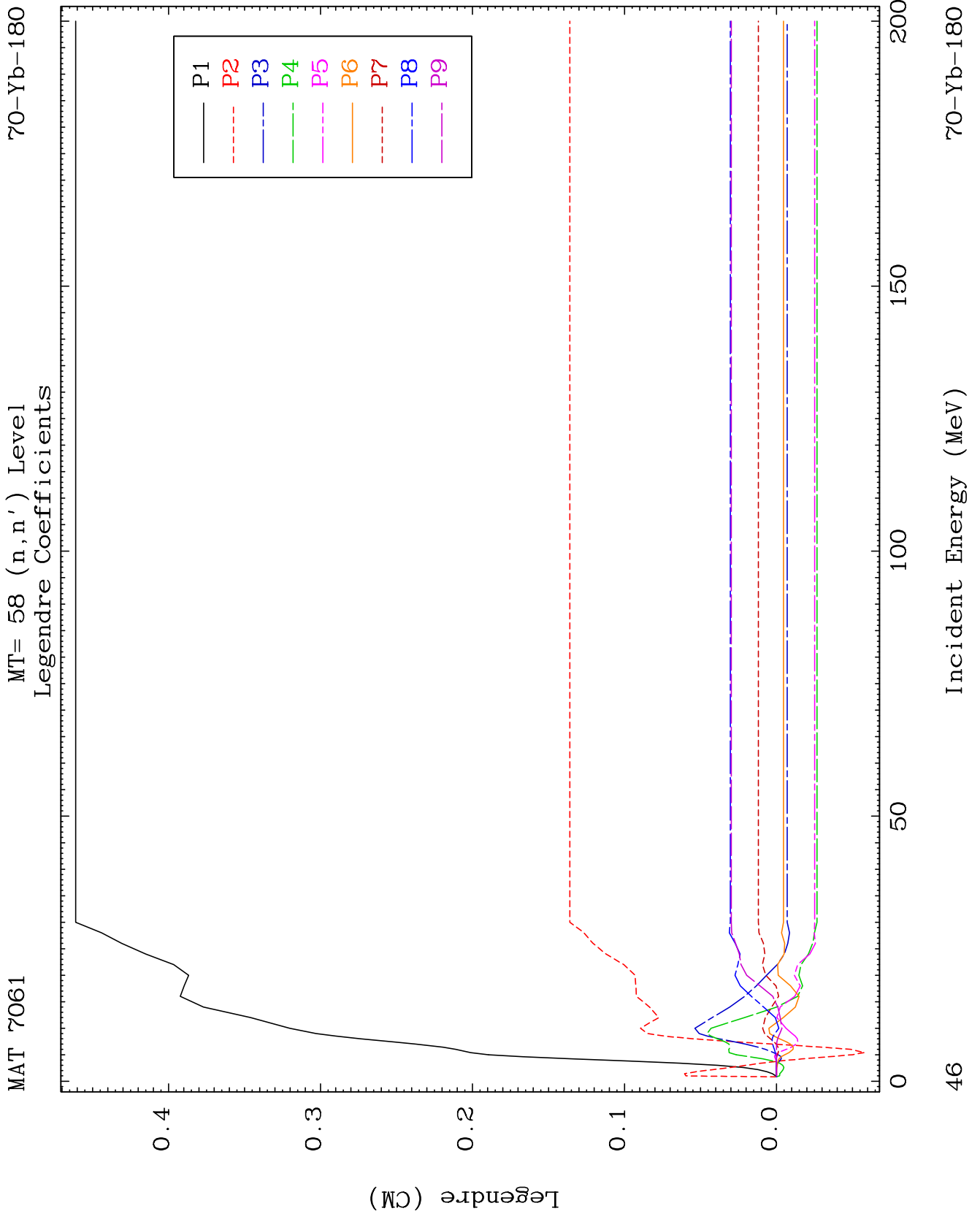








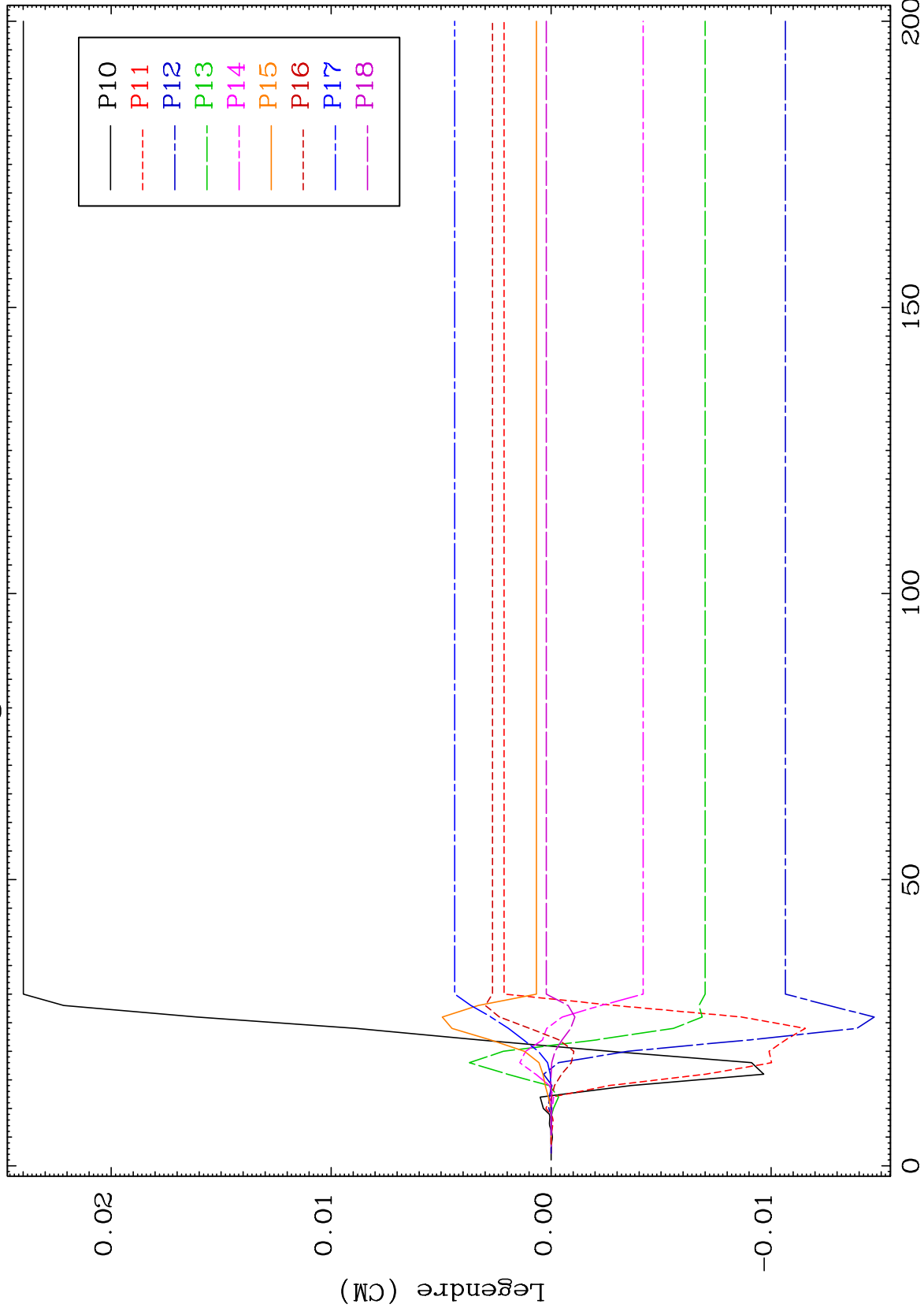




MAT 7061

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

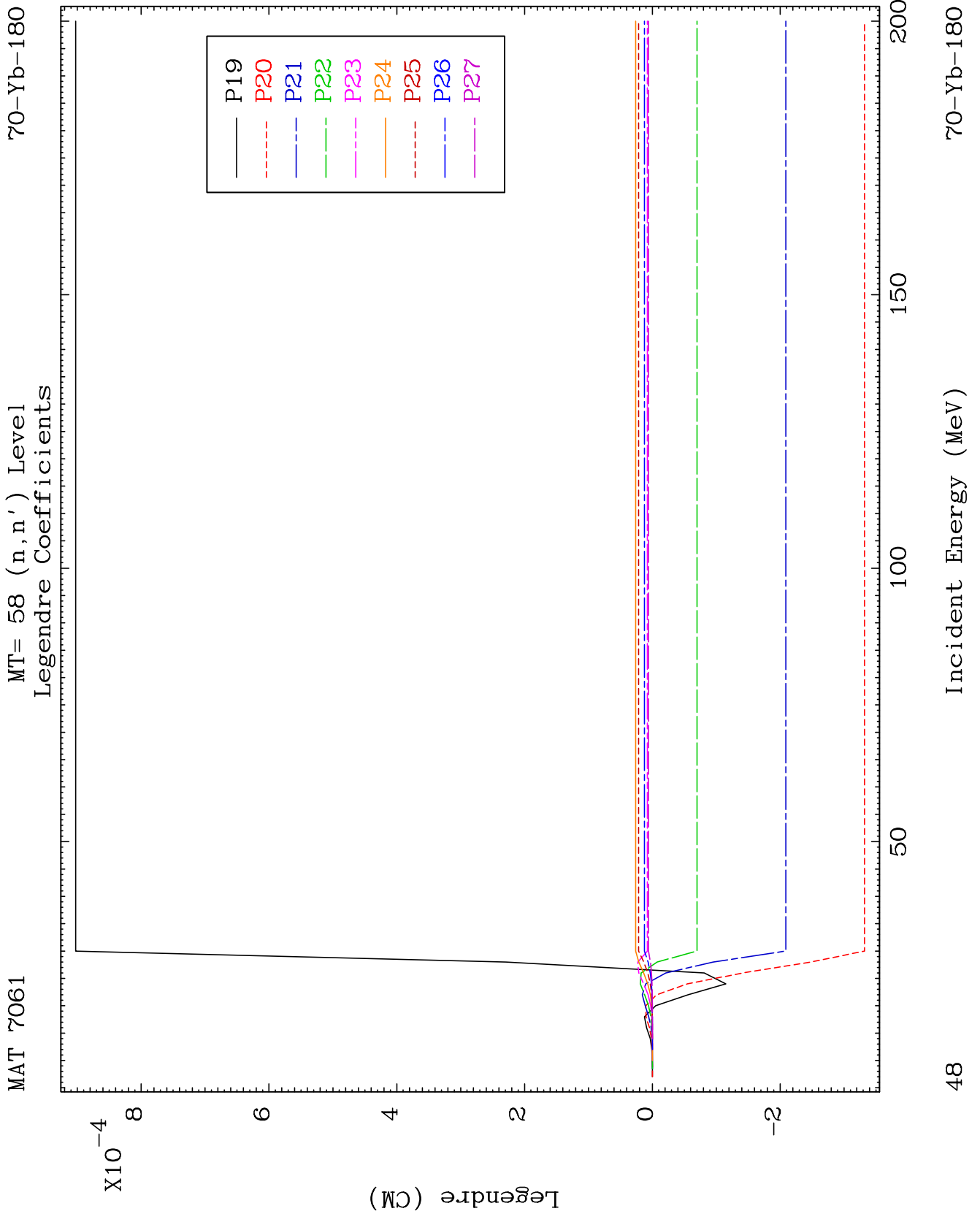
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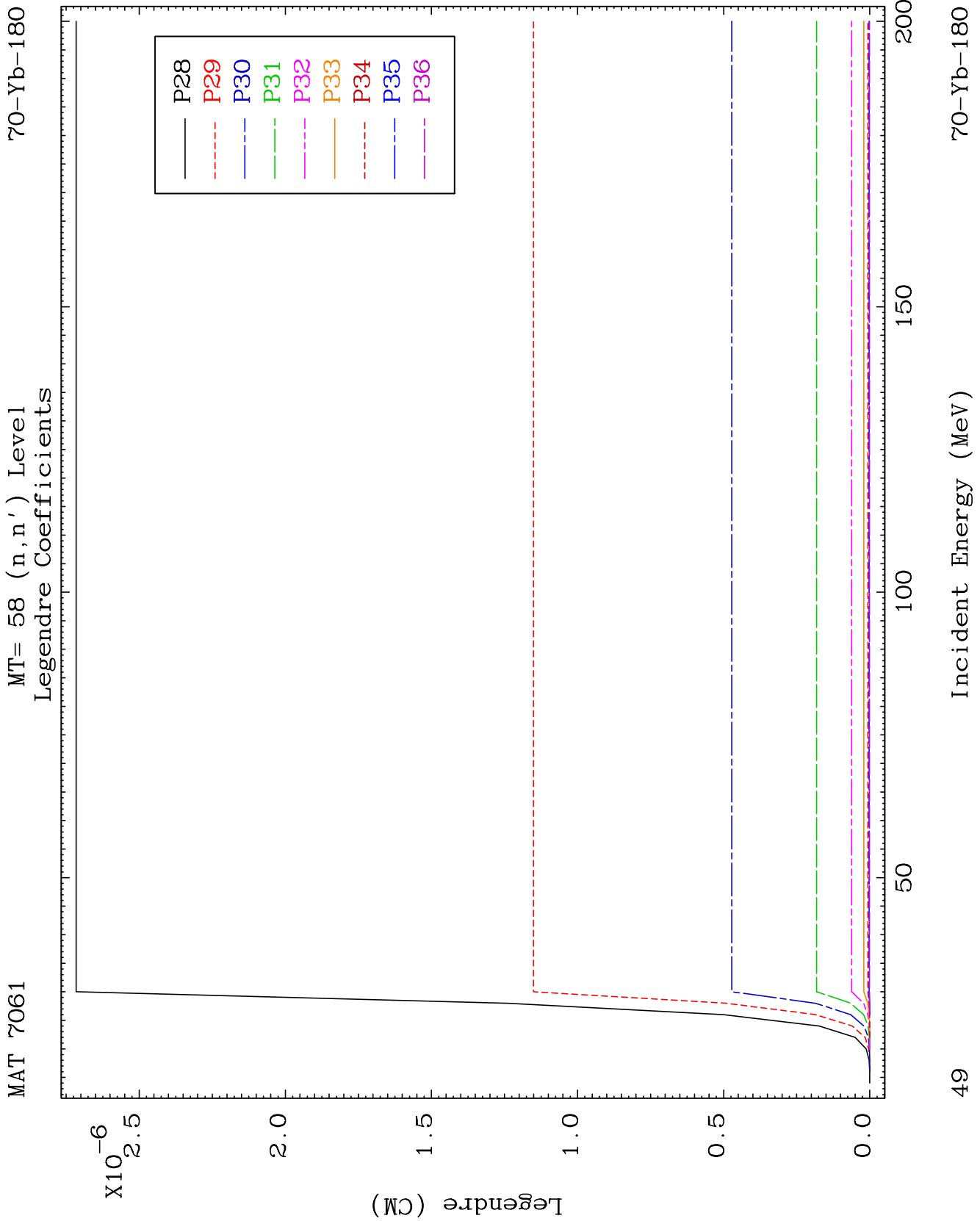


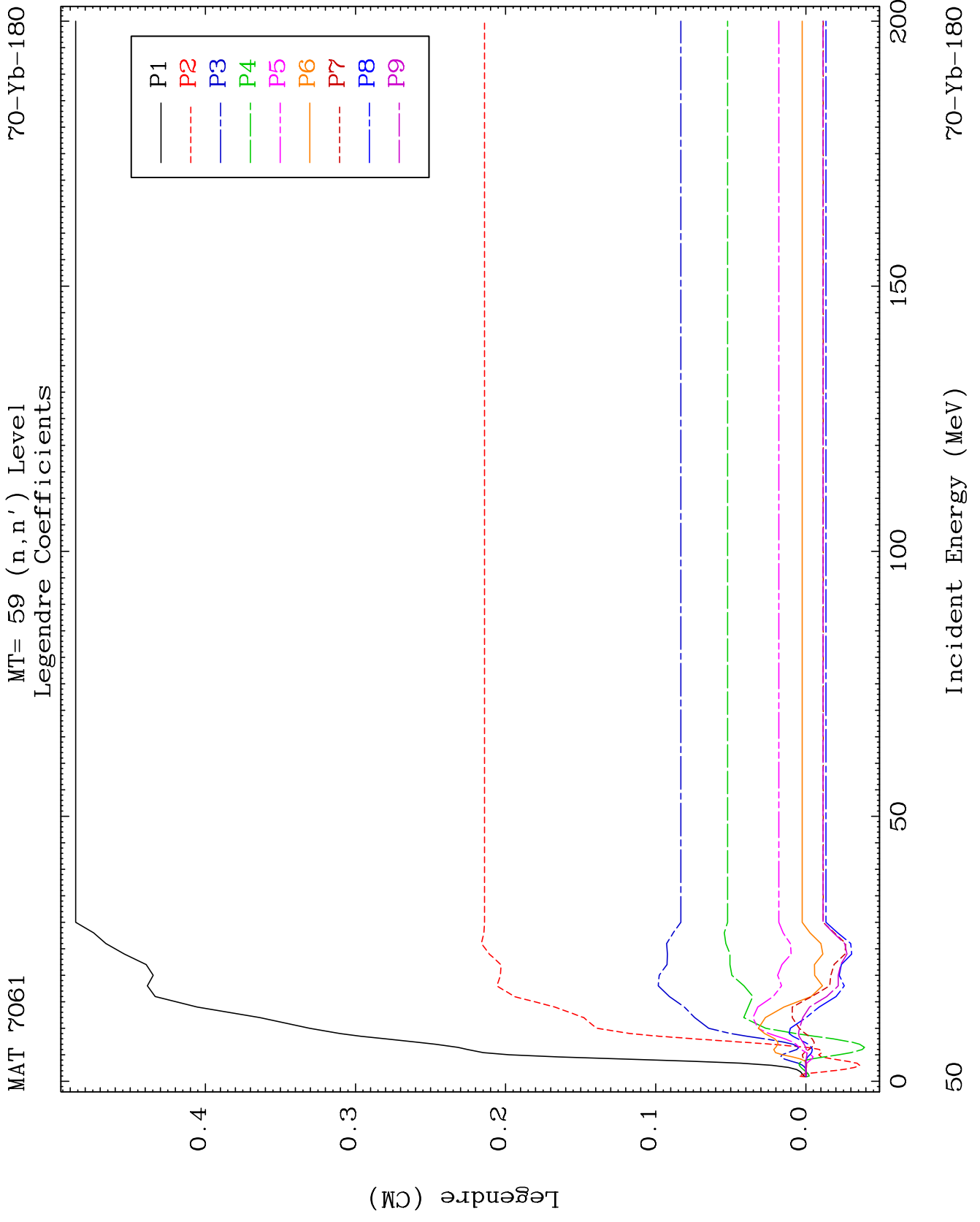
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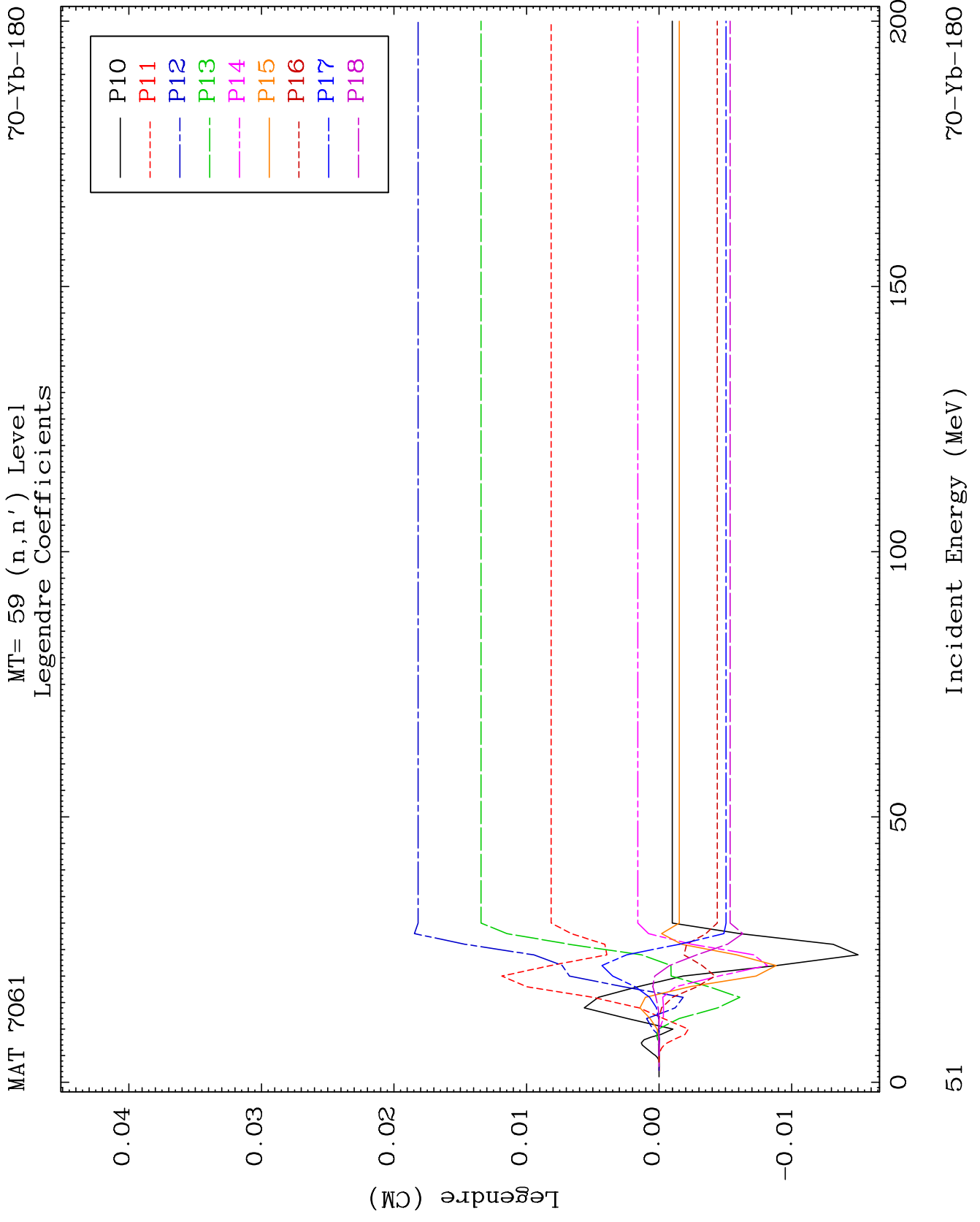
Incident Energy (MeV)

70-Yb-180





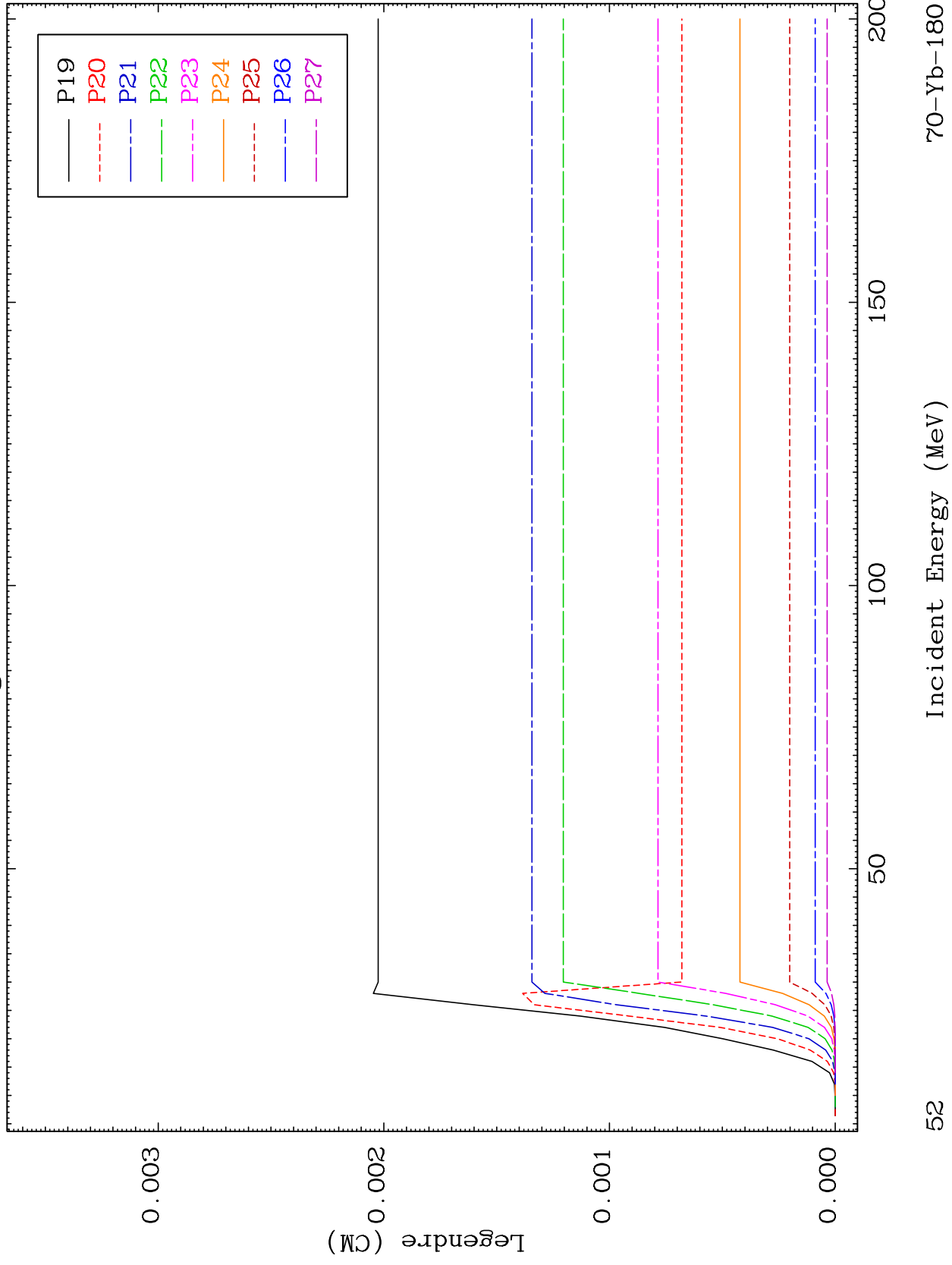




MAT 7061

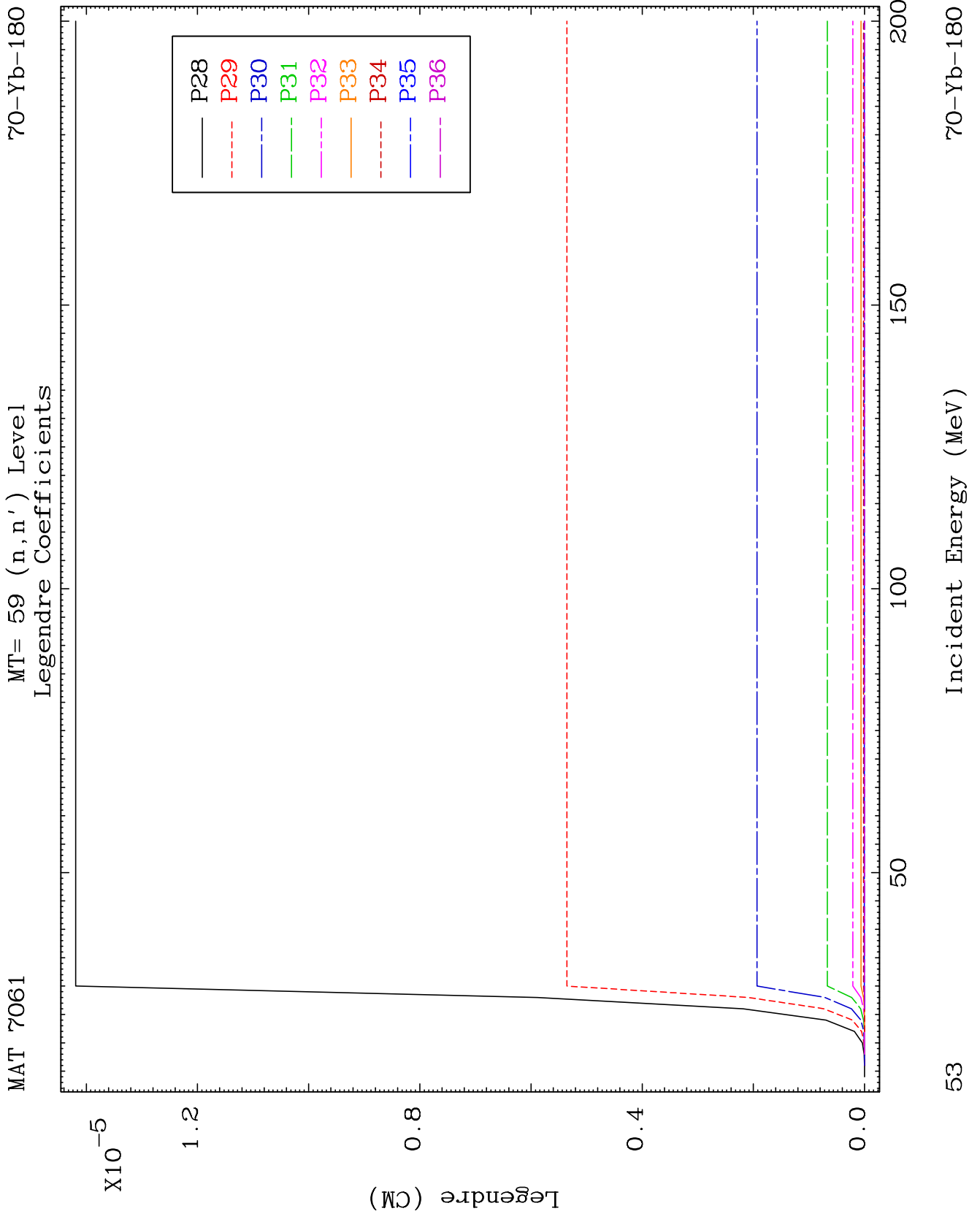
MT= 59 (n,n') Level
Legendre Coefficients

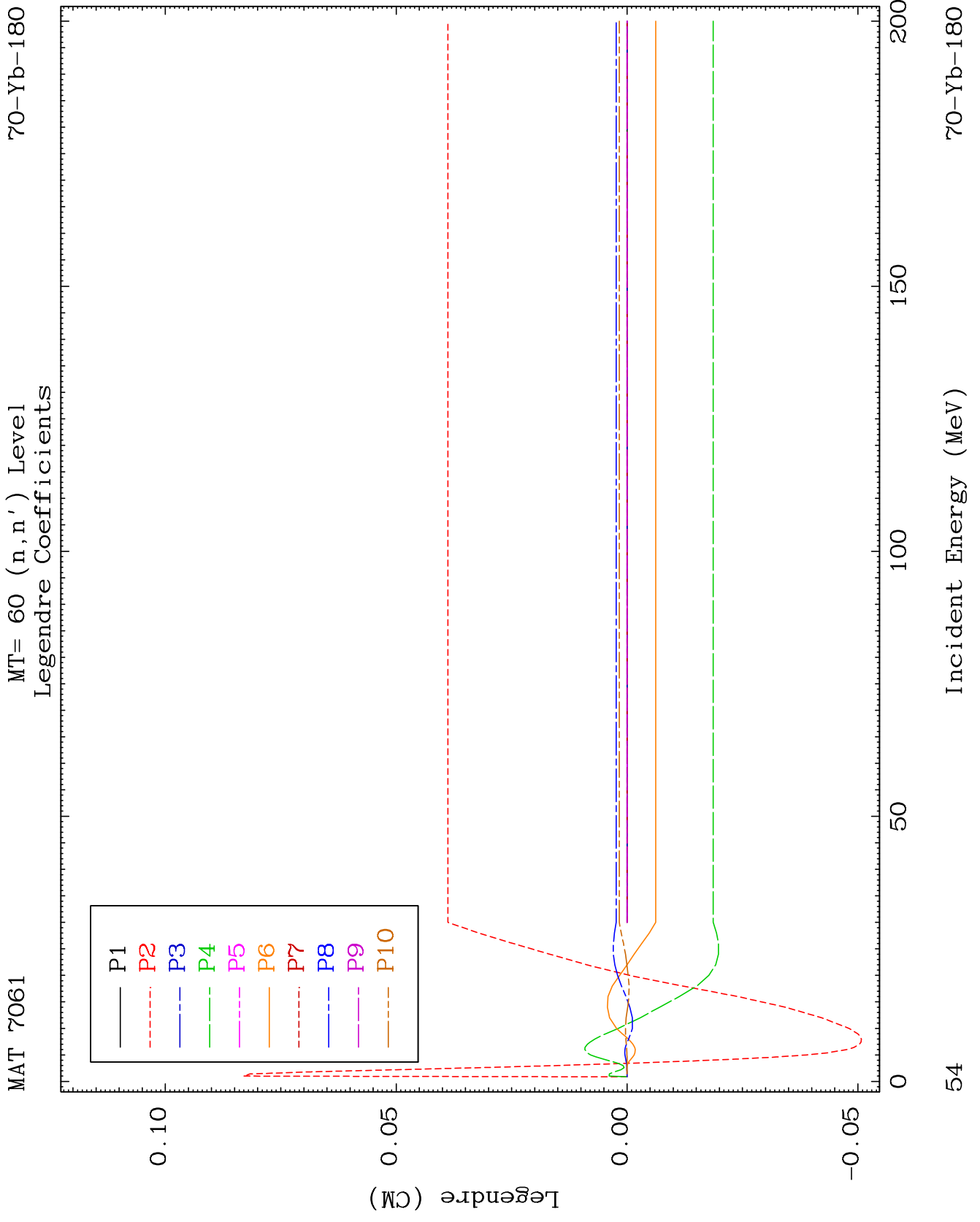
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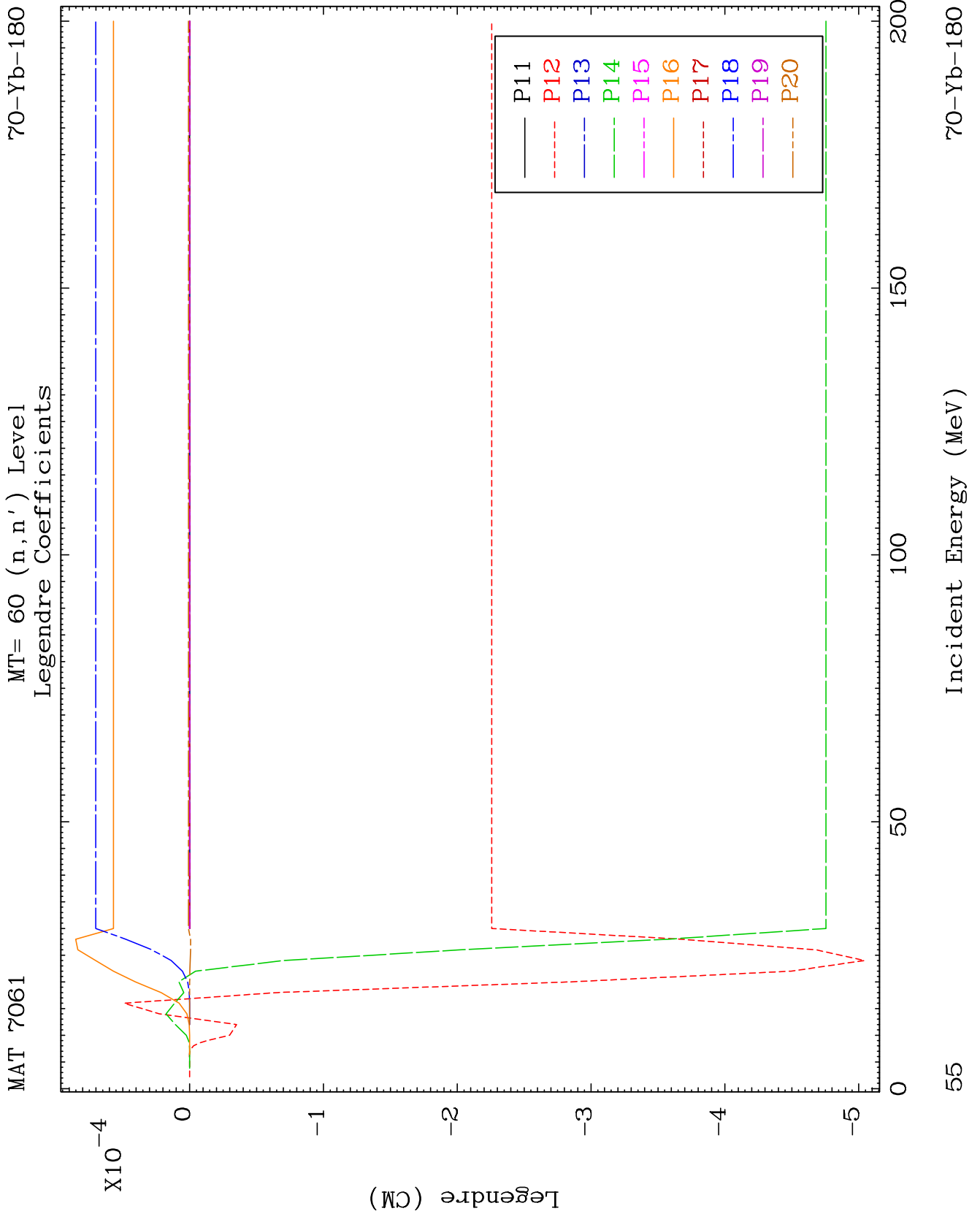


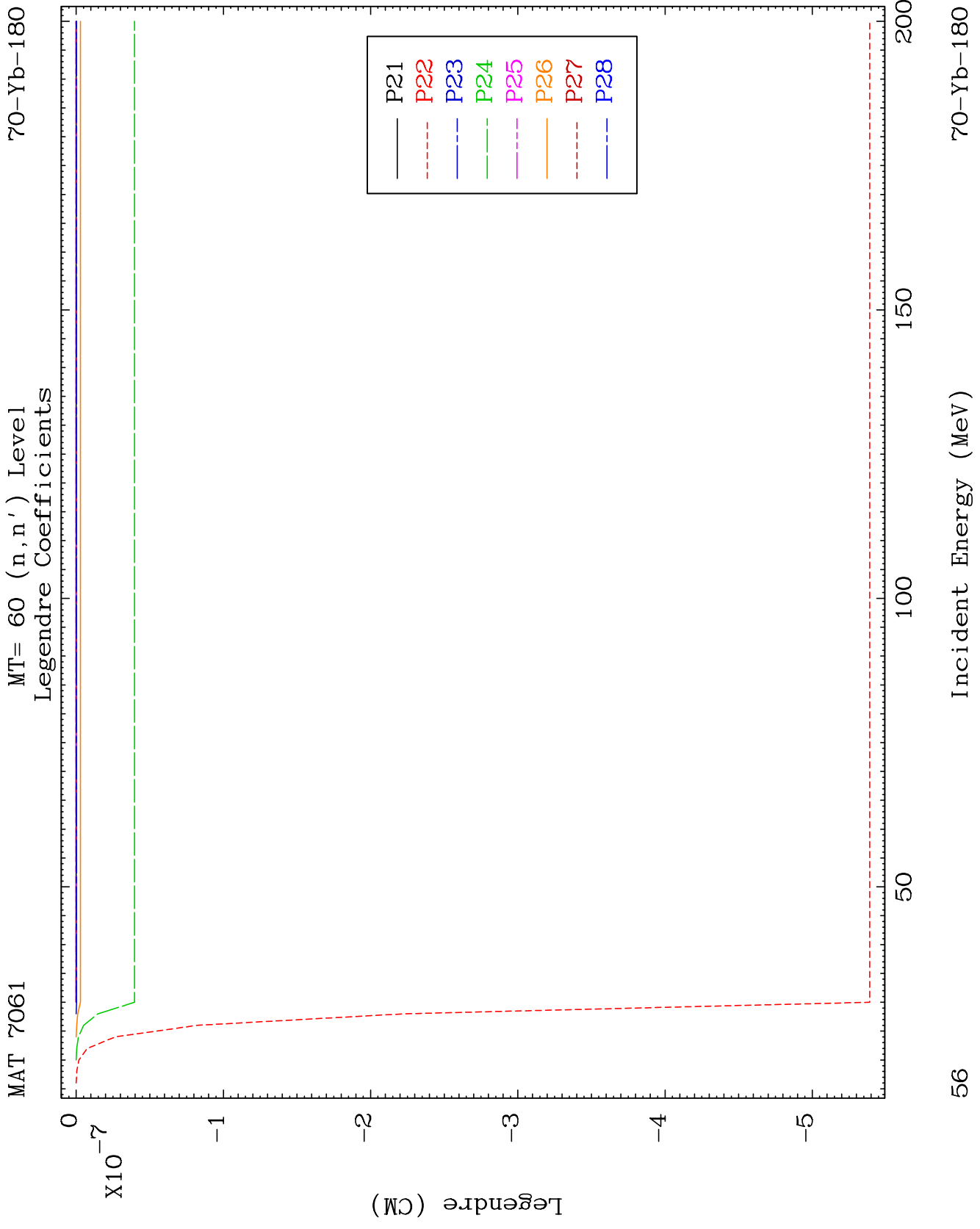
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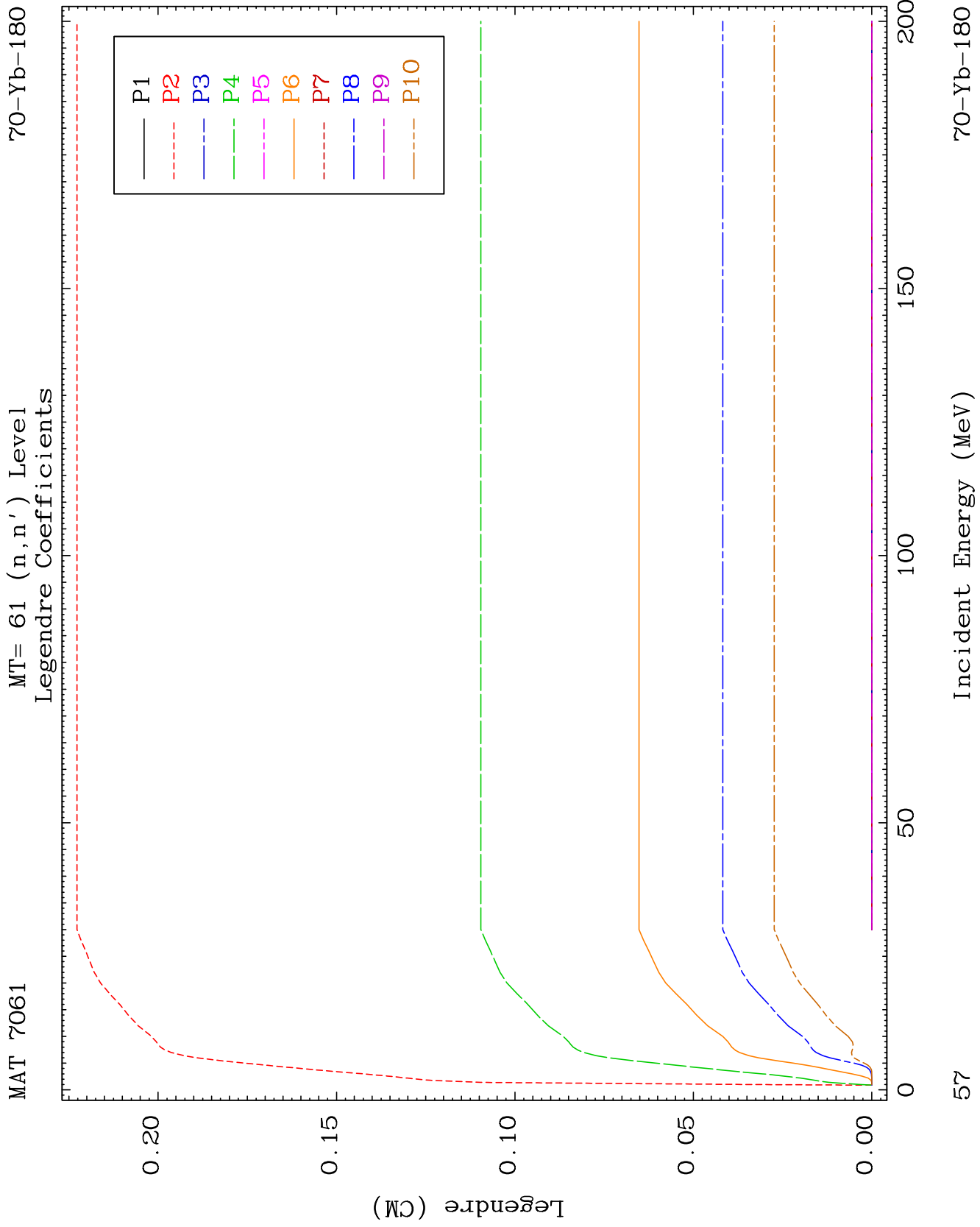
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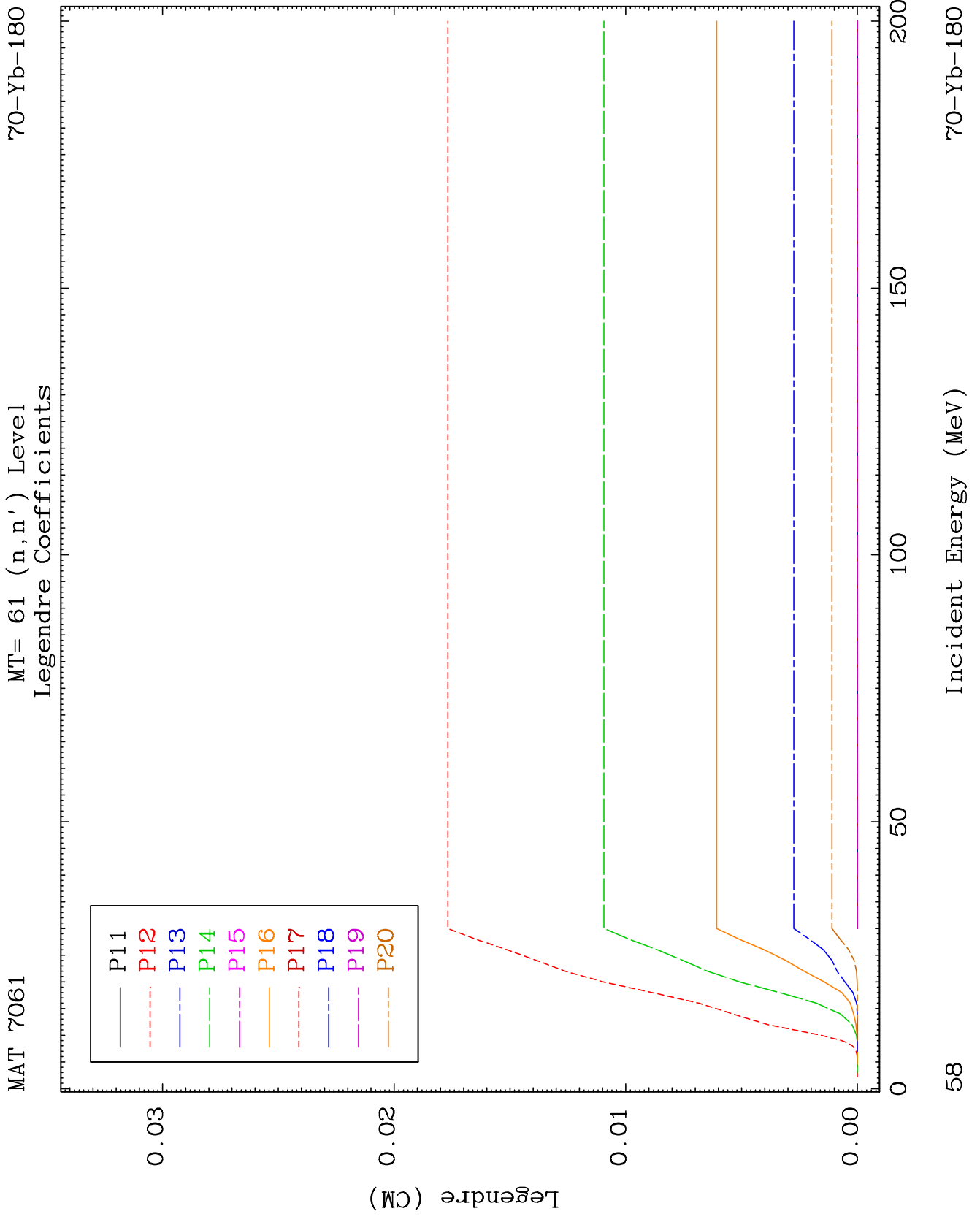


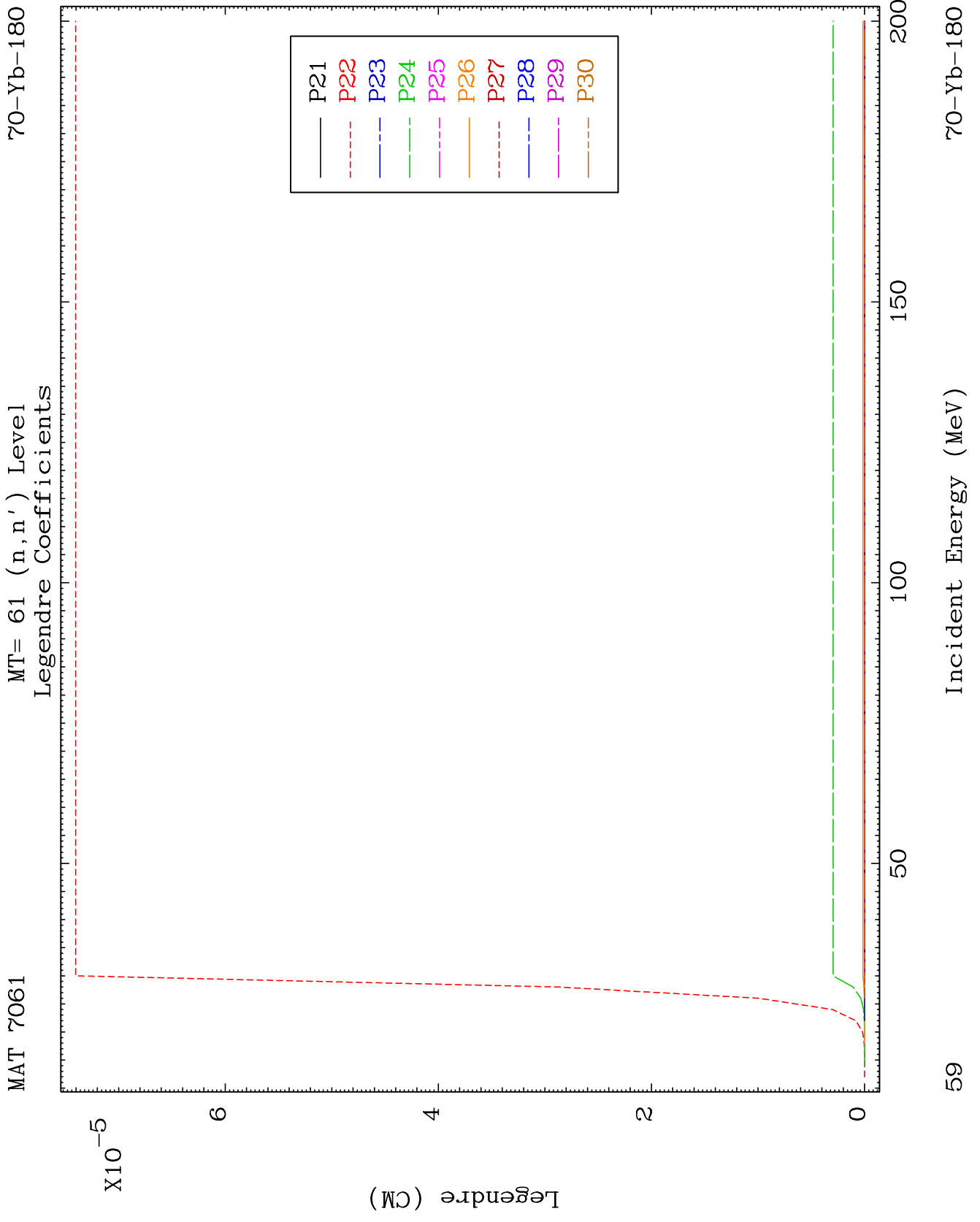


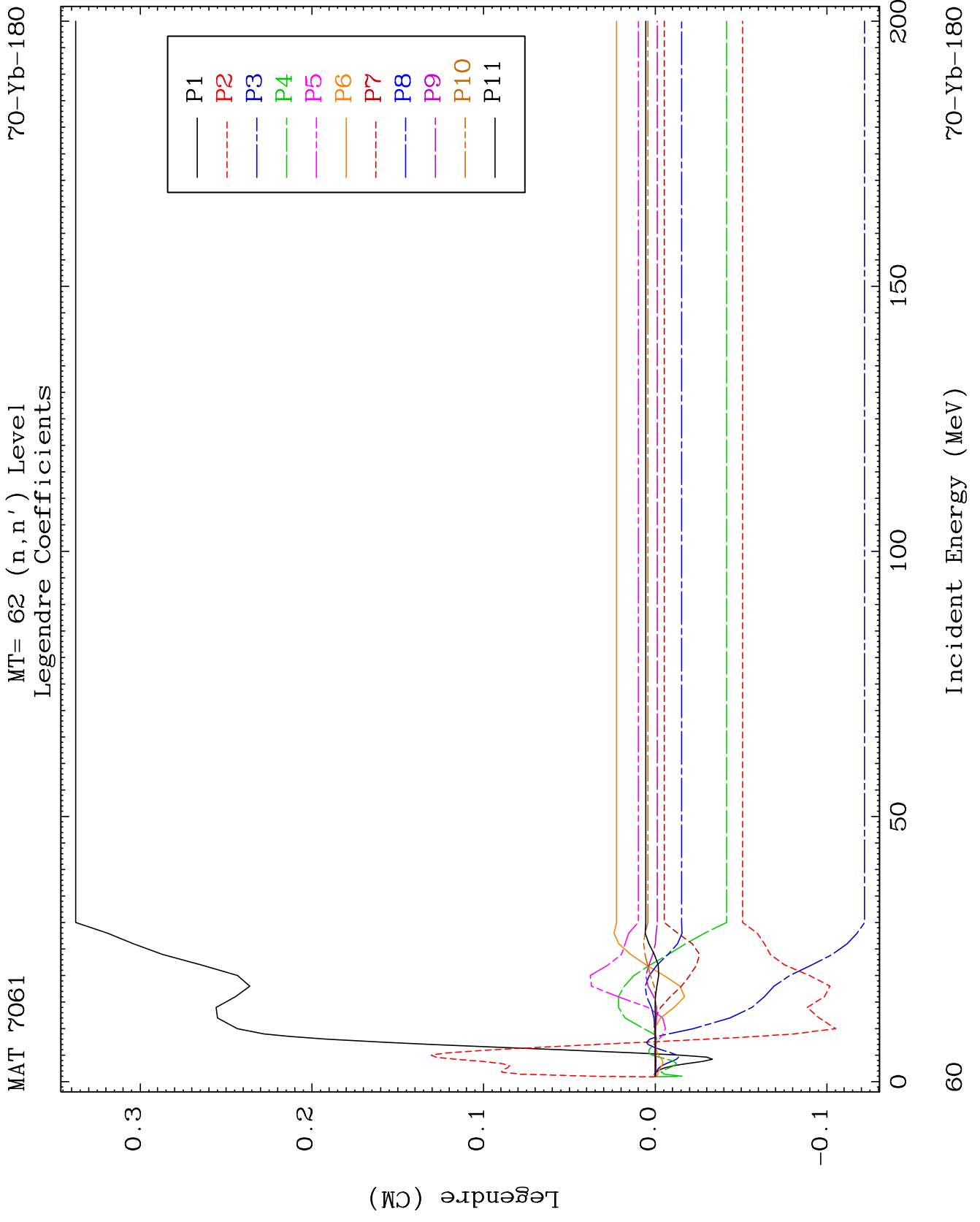








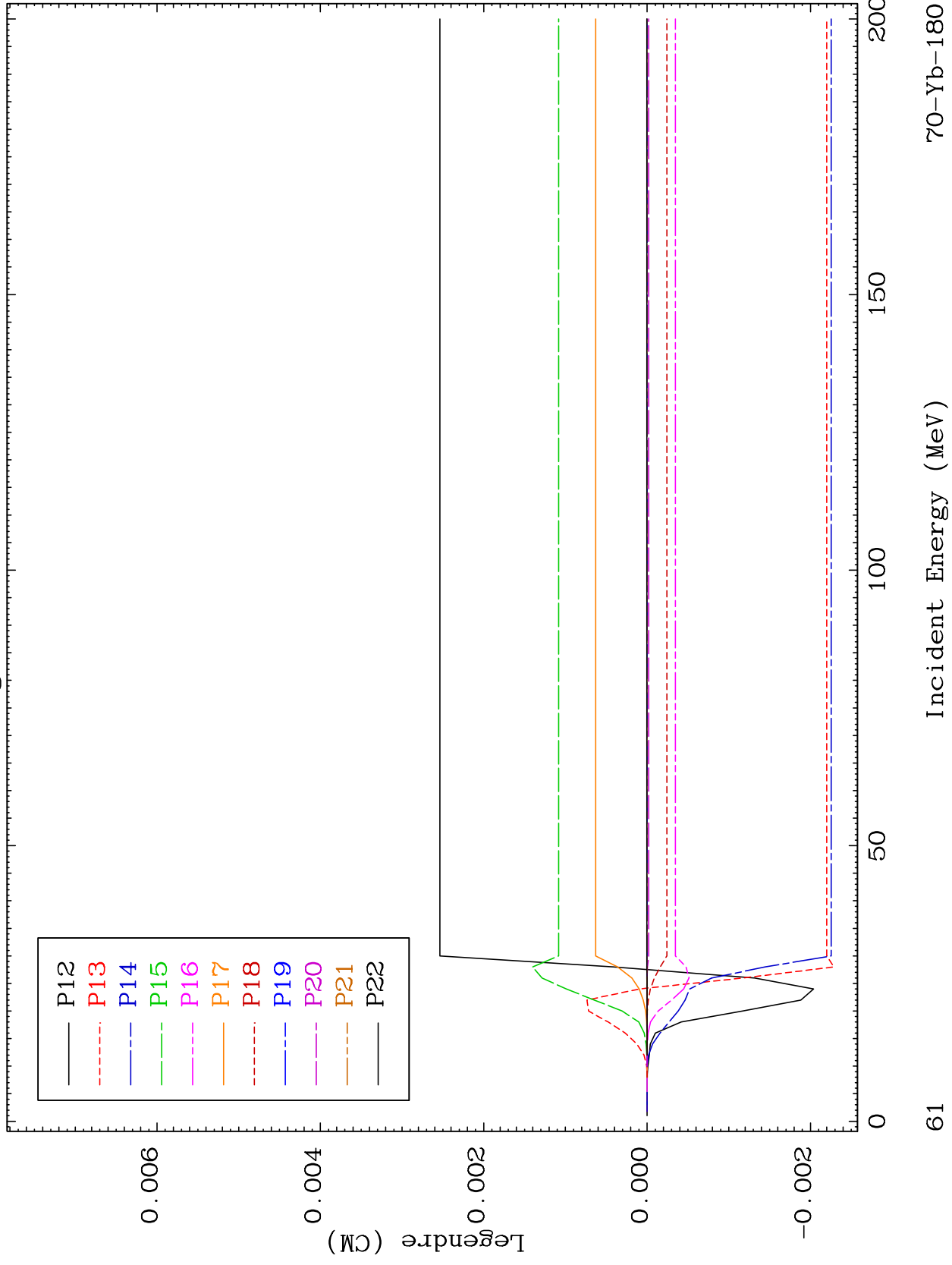




MAT 7061

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

70-Yb-180



61

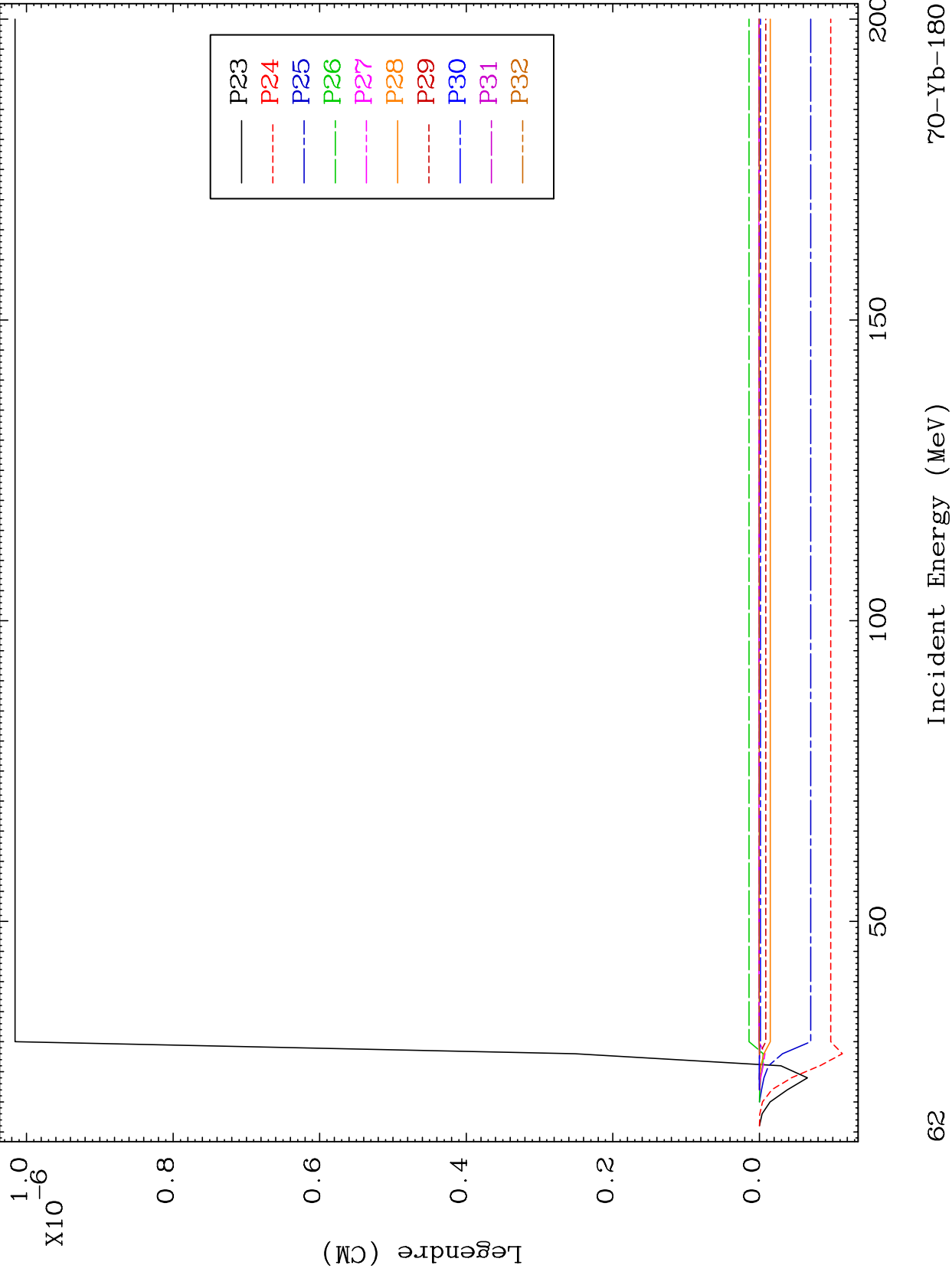
Incident Energy (MeV)

70-Yb-180

MAT 7061

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

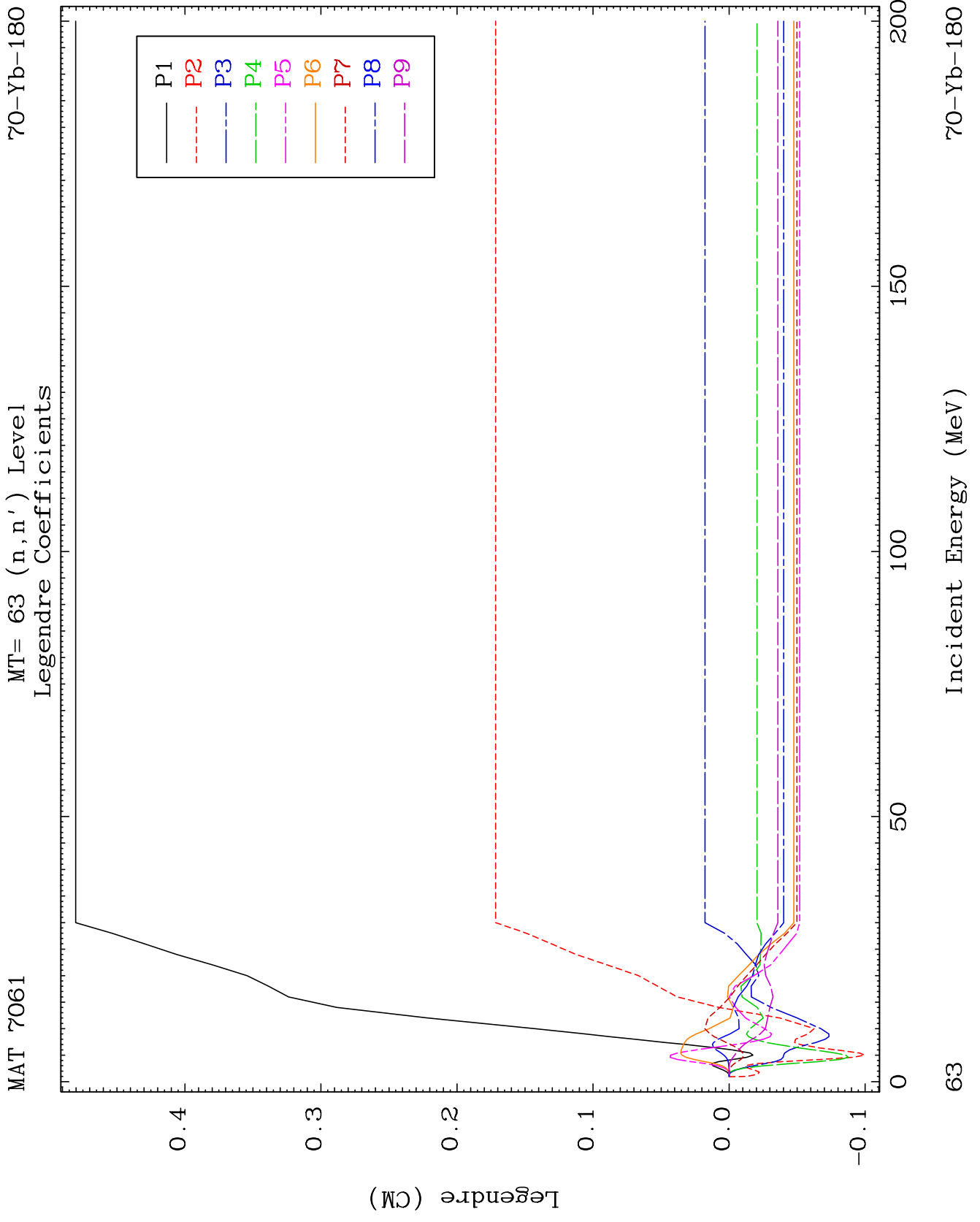
70-Yb-180

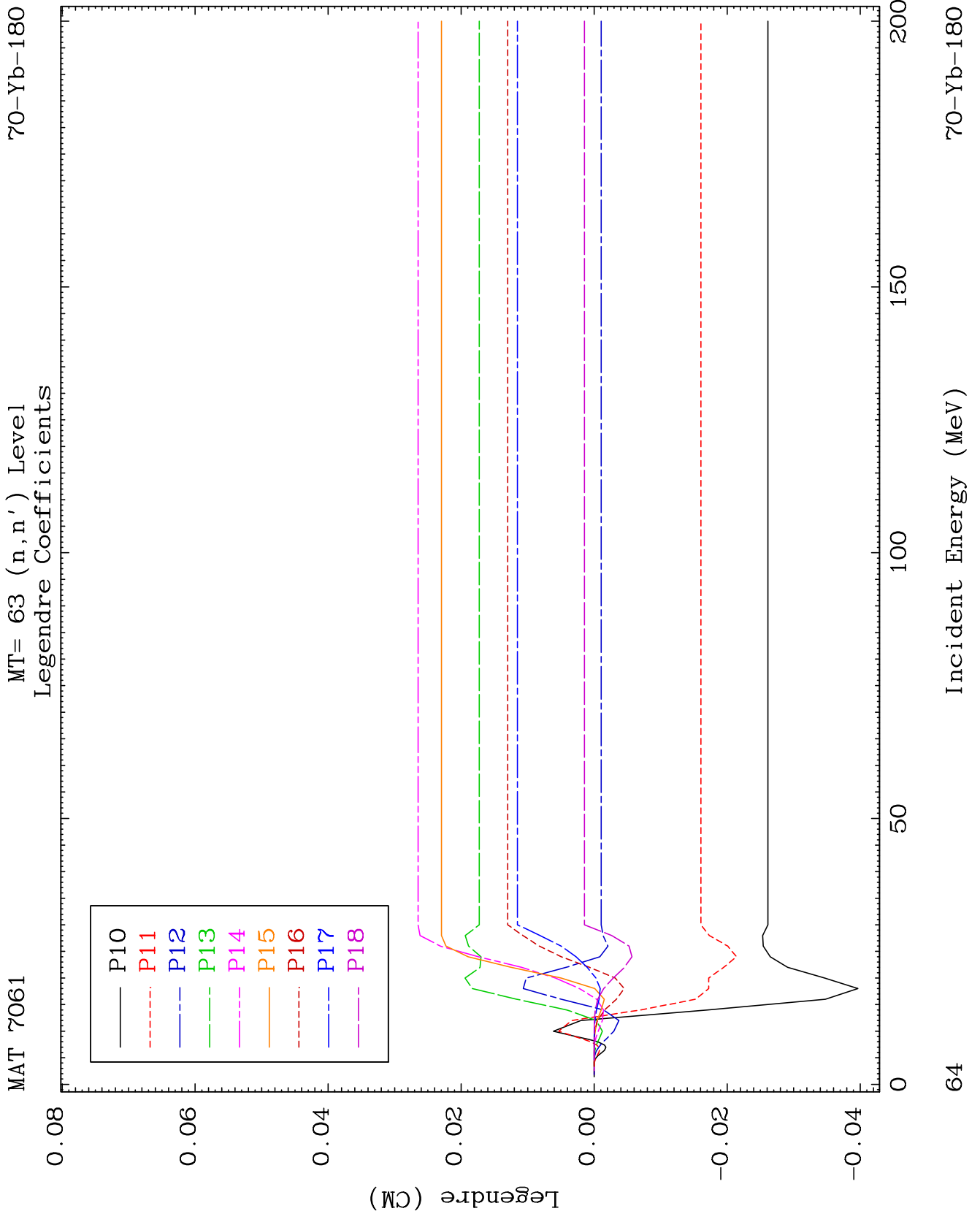


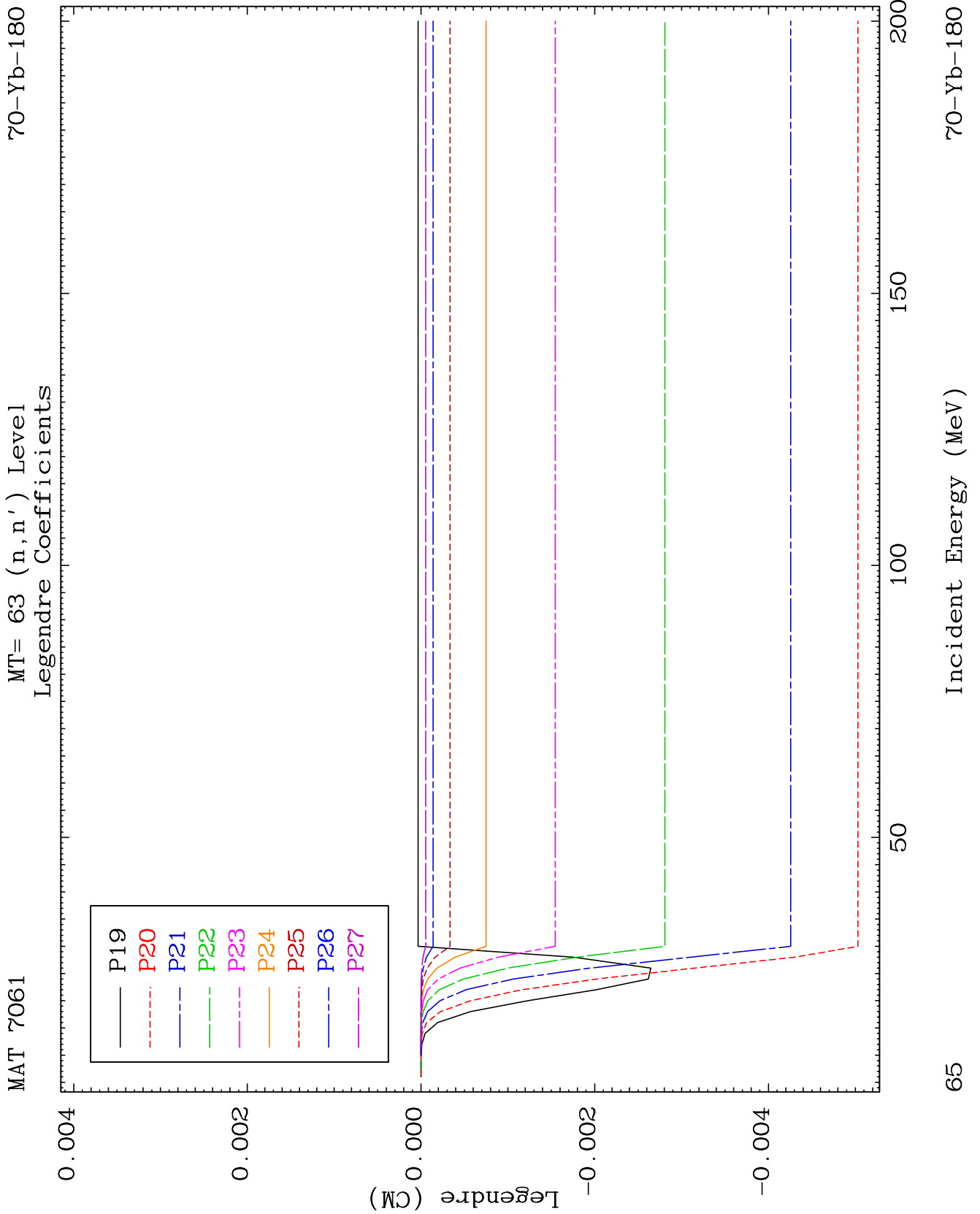
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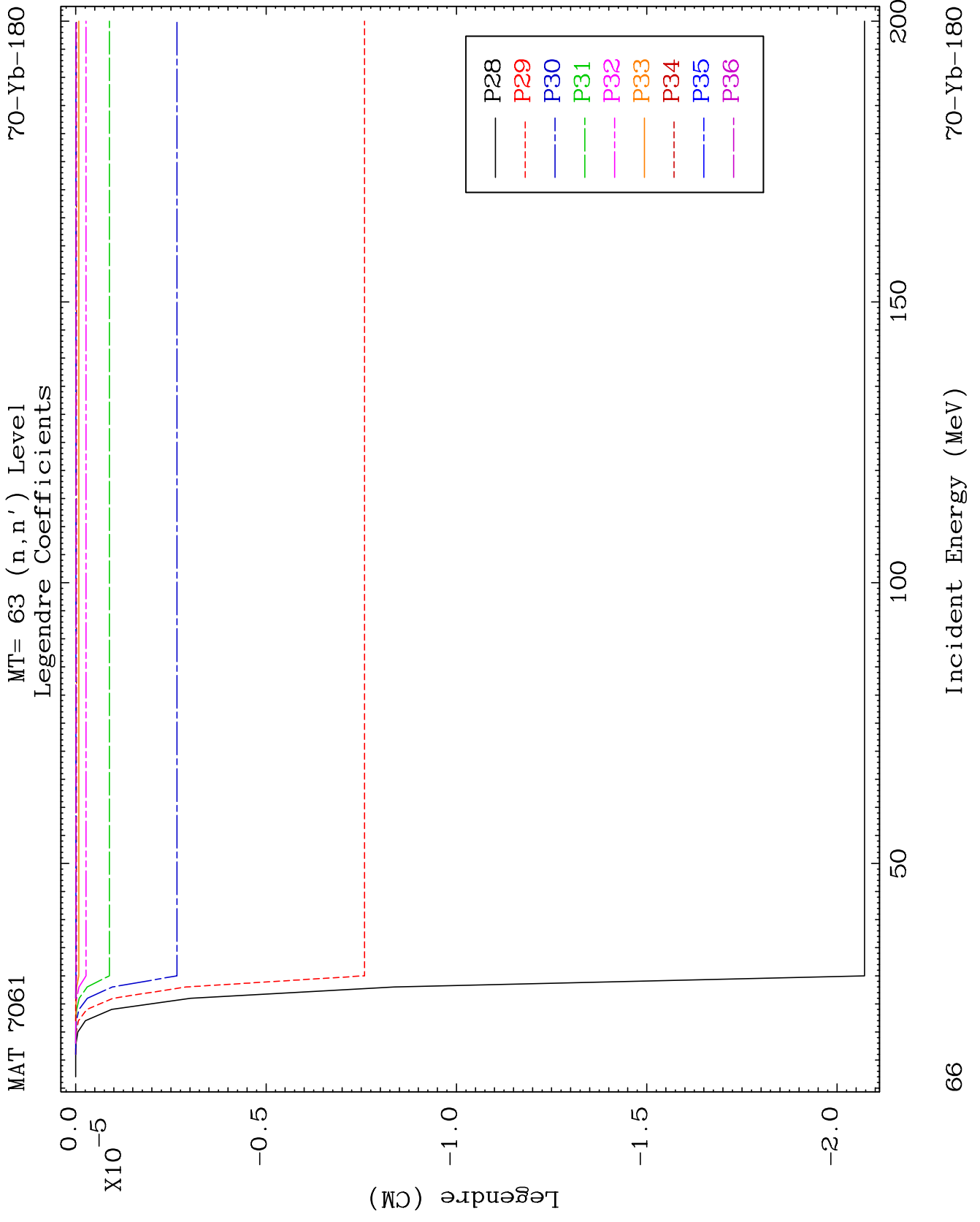
Incident Energy (MeV)

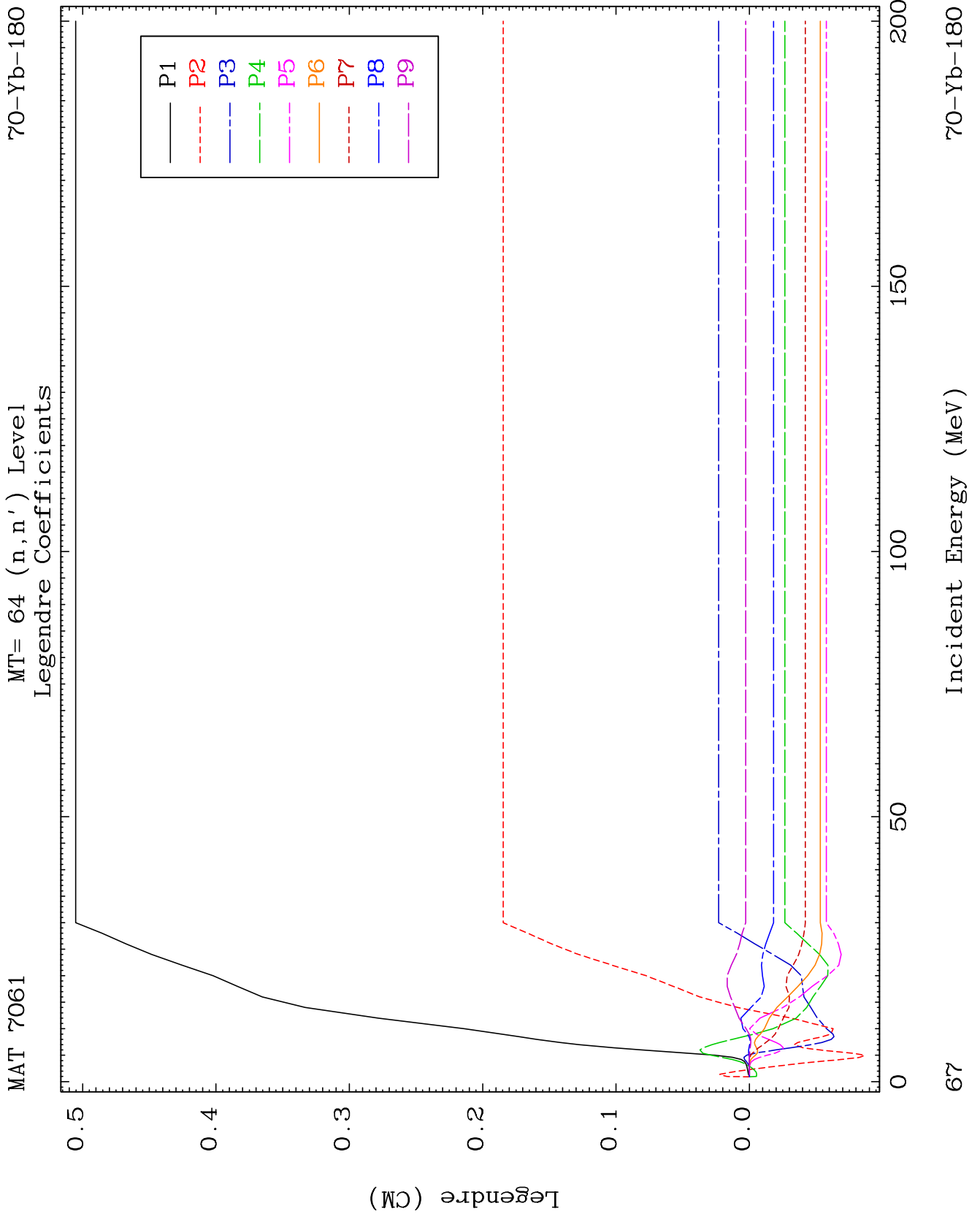
70-Yb-180







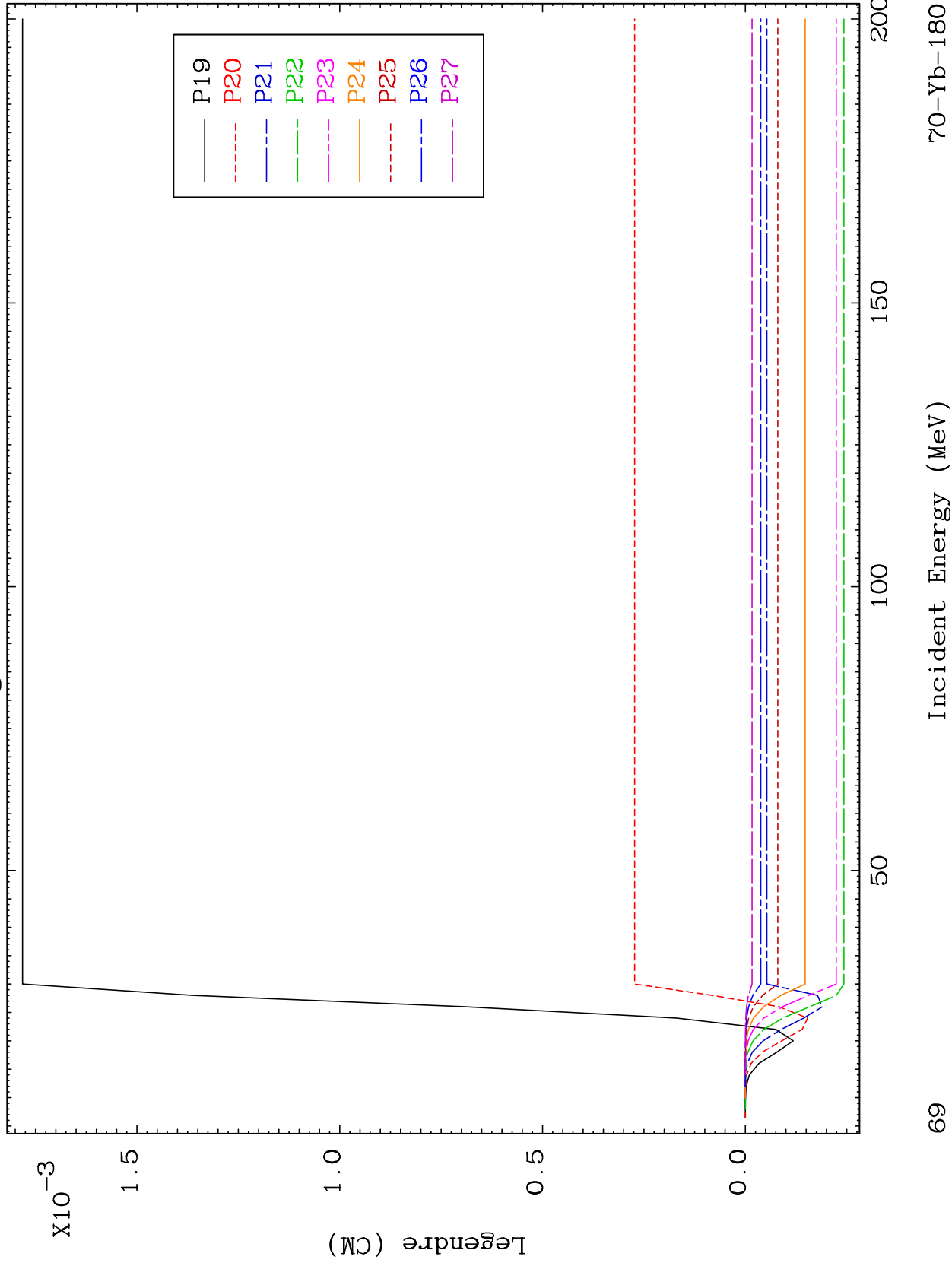




MAT 7061

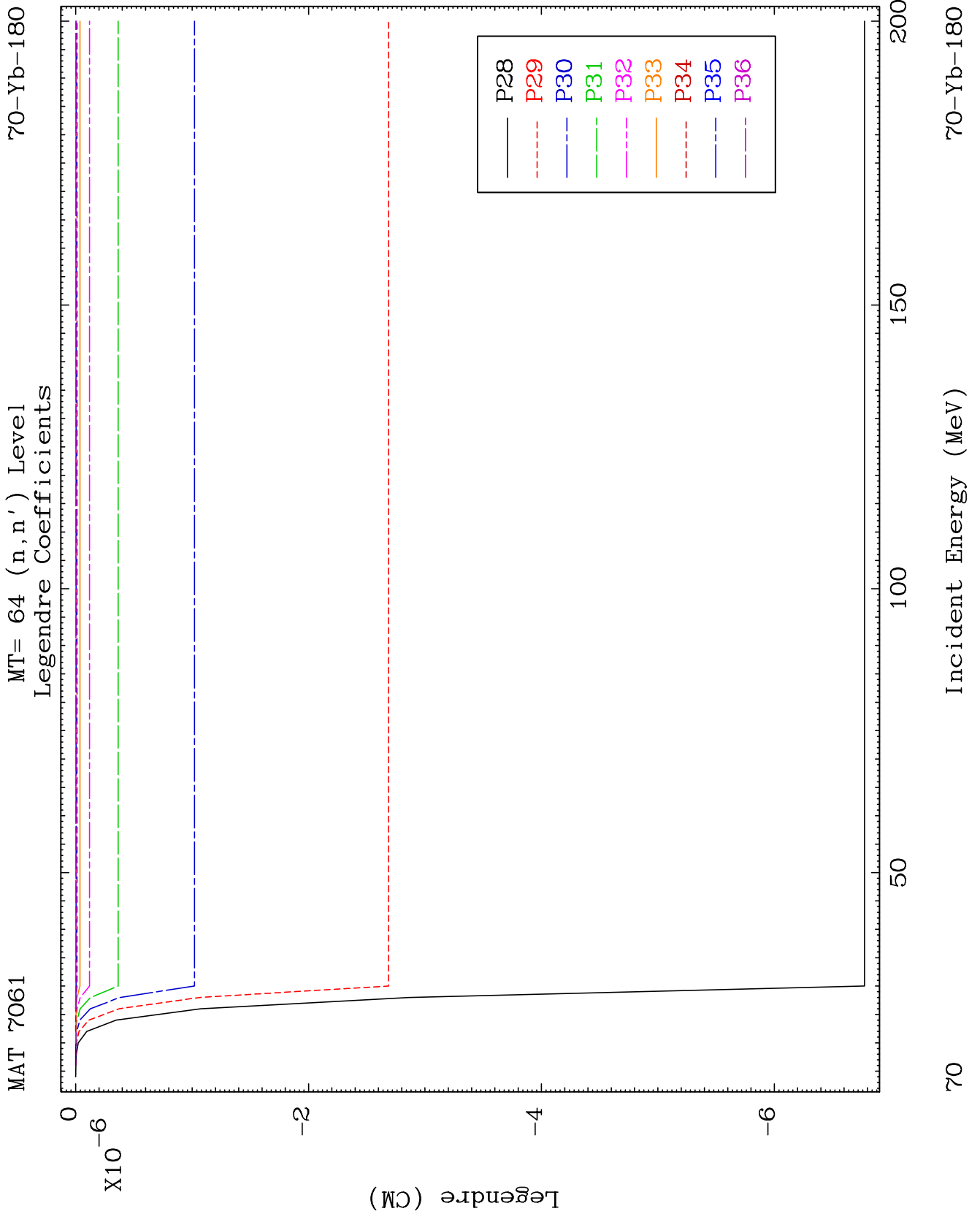
MT= 64 (n,n') Level
Legendre Coefficients

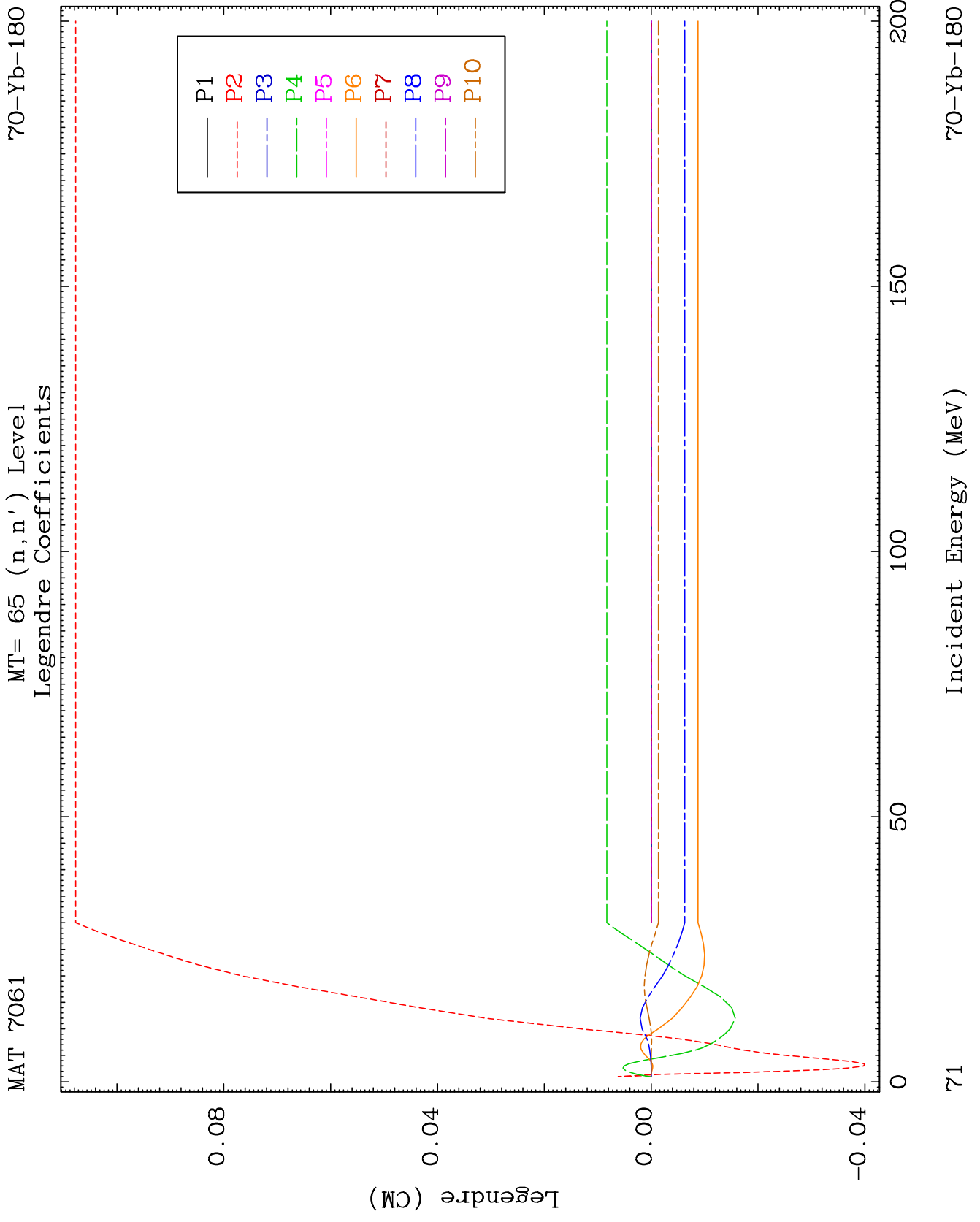
70-Yb-180



69

70-Yb-180

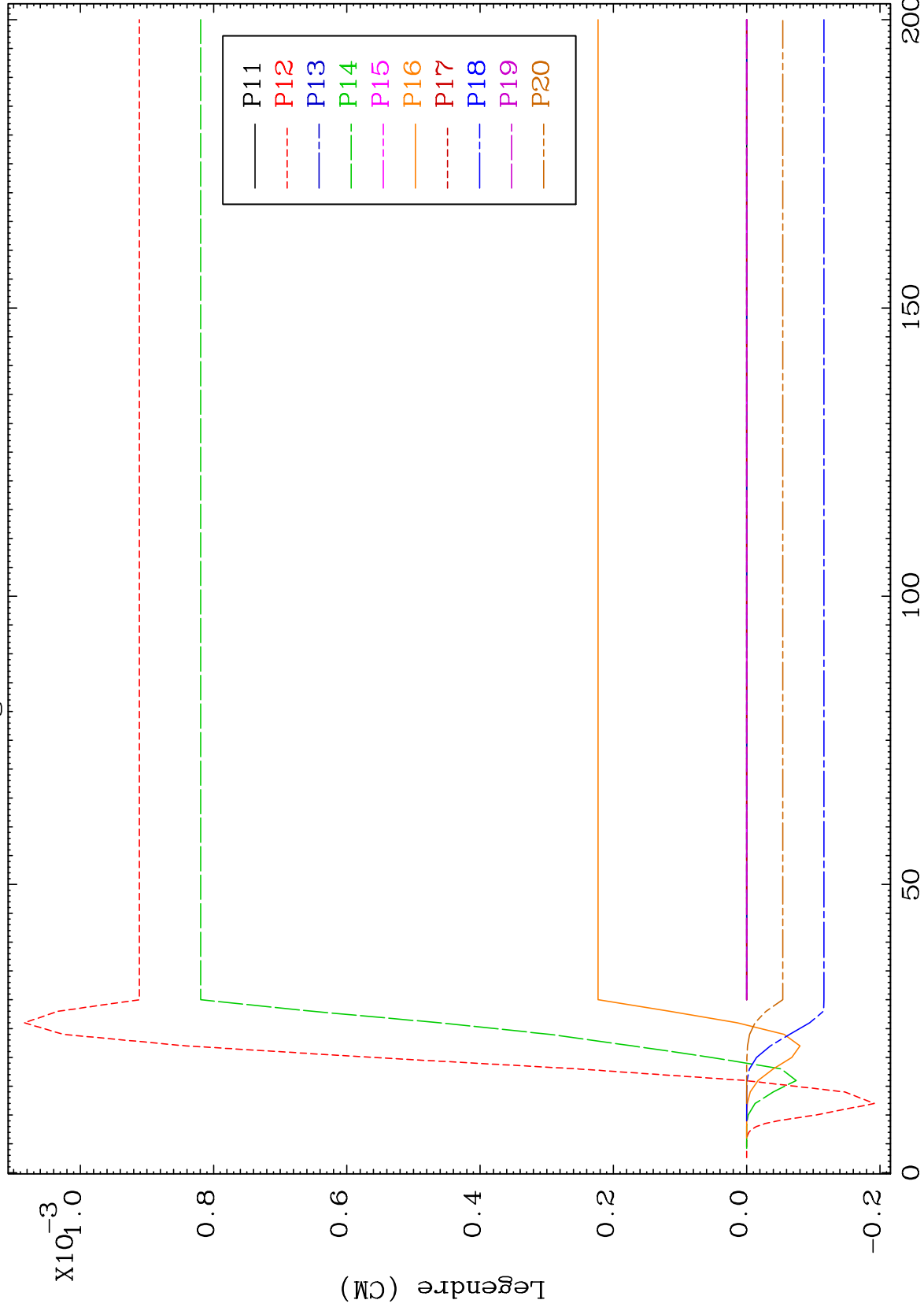




MAT 7061

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

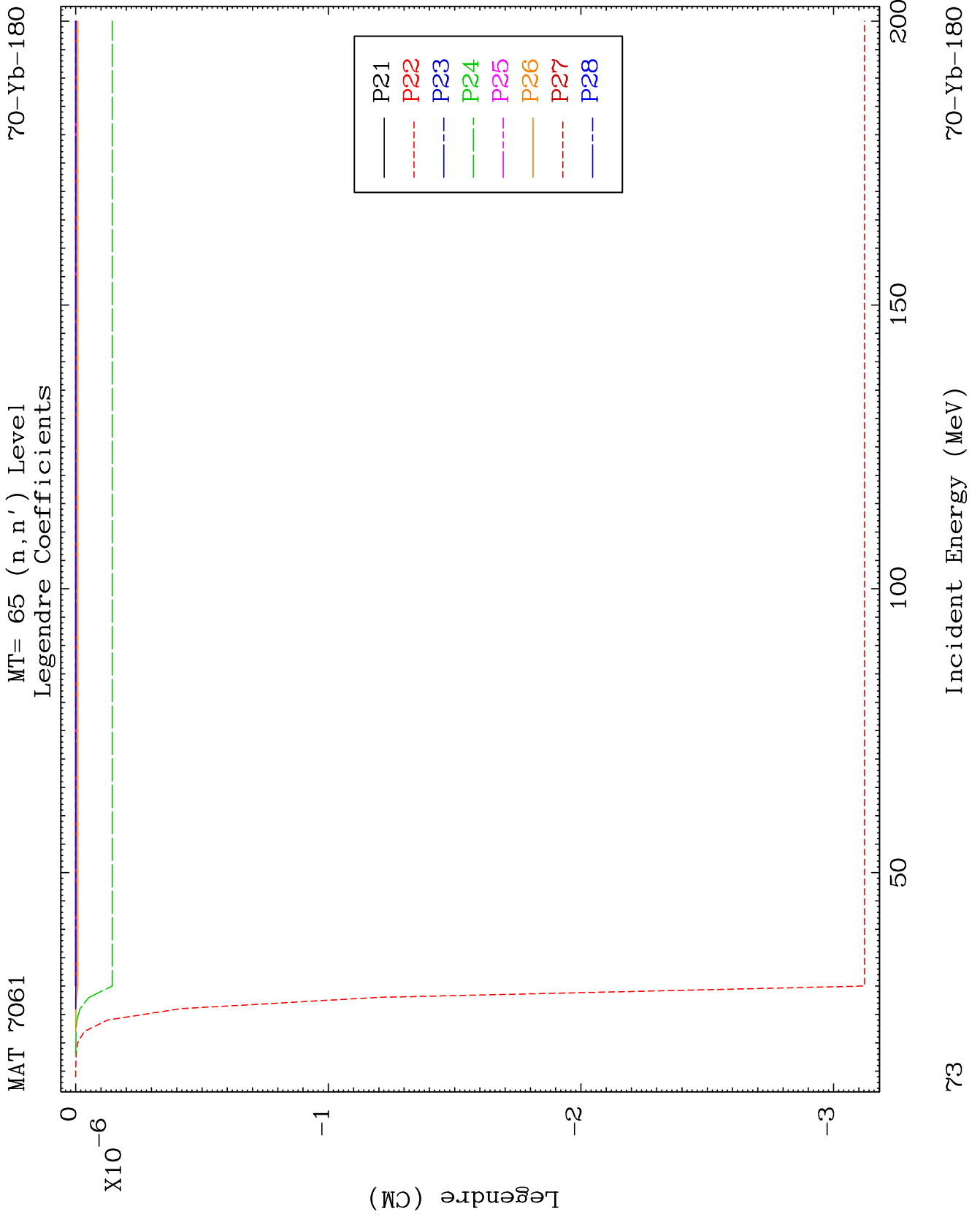
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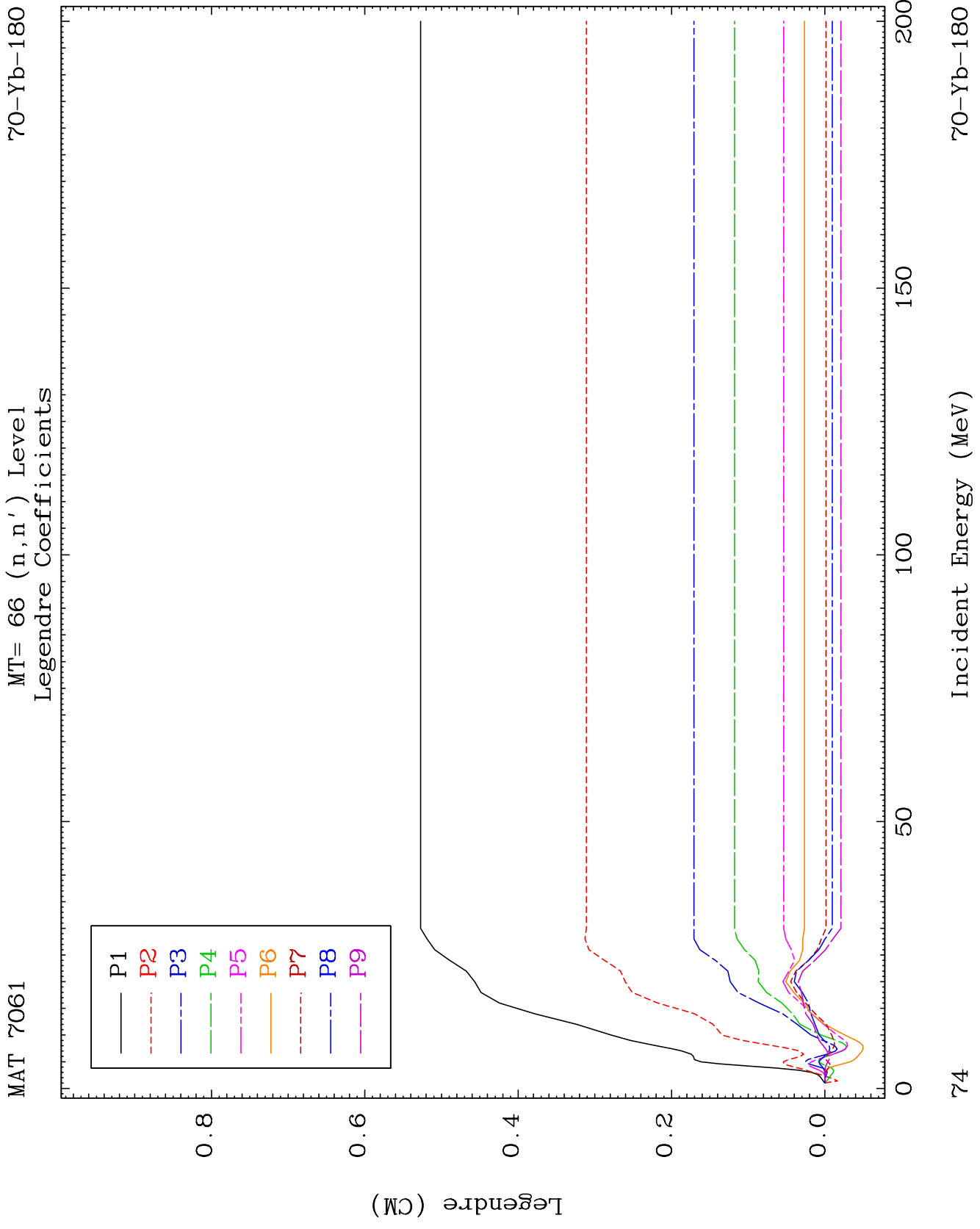


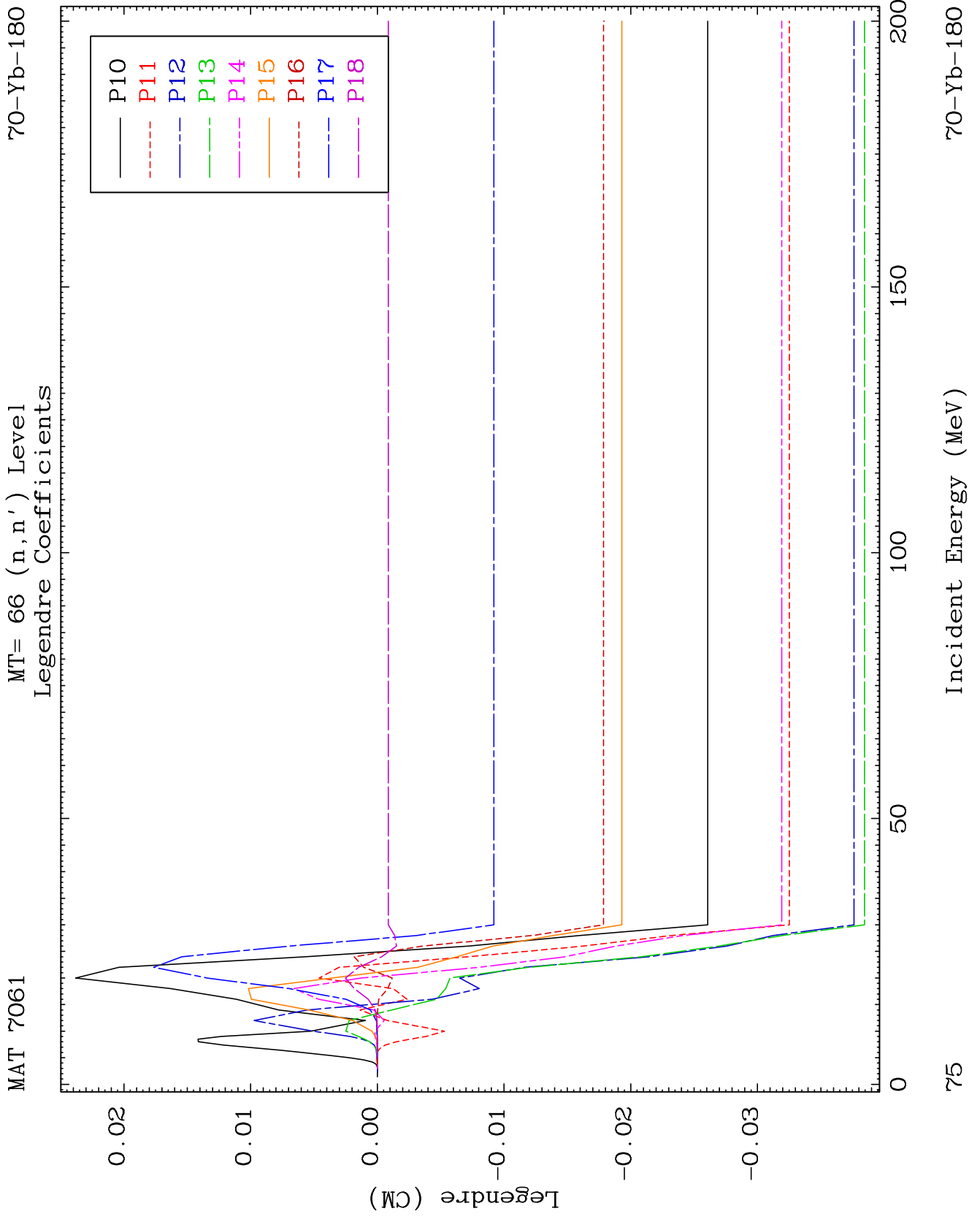
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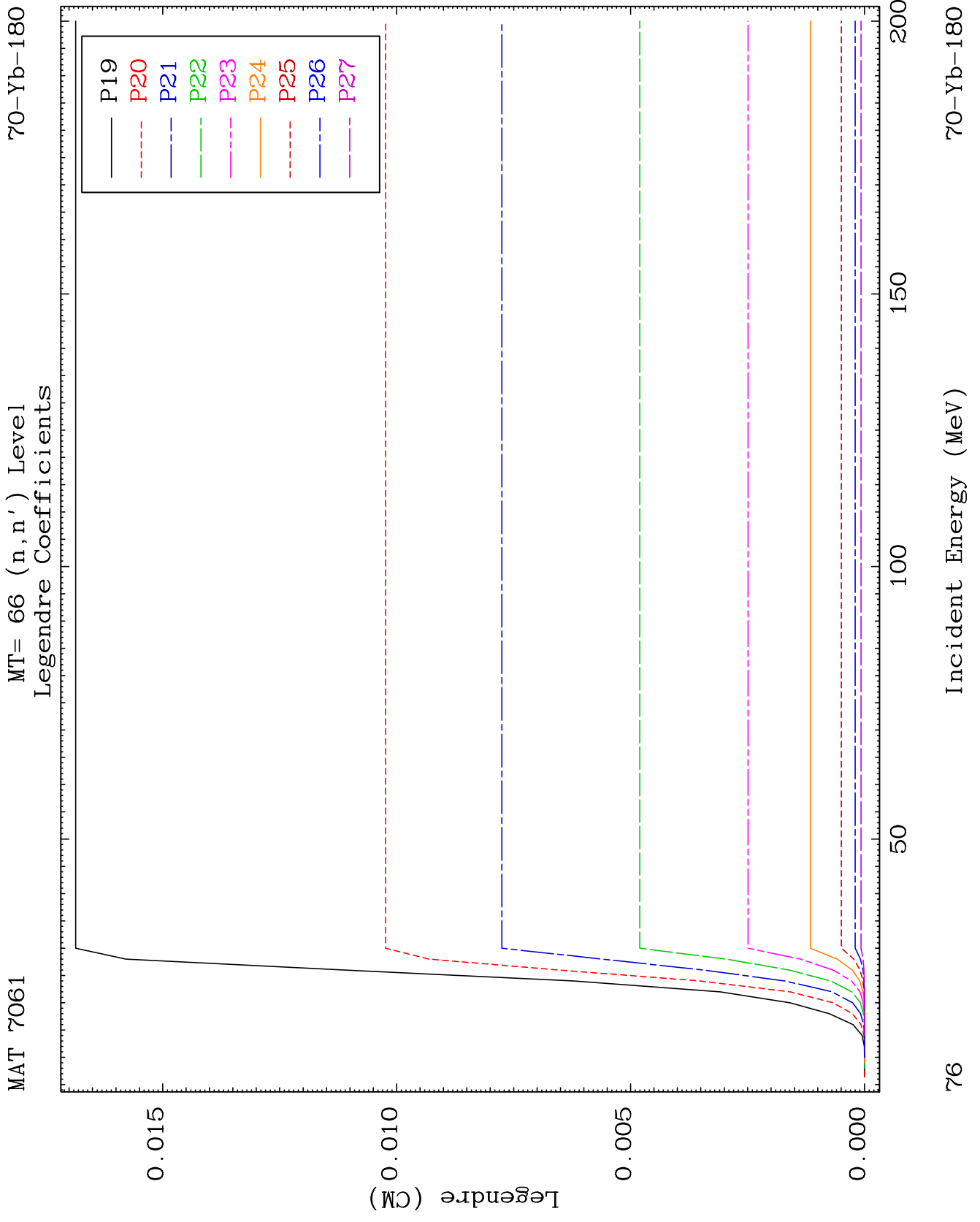
Incident Energy (MeV)

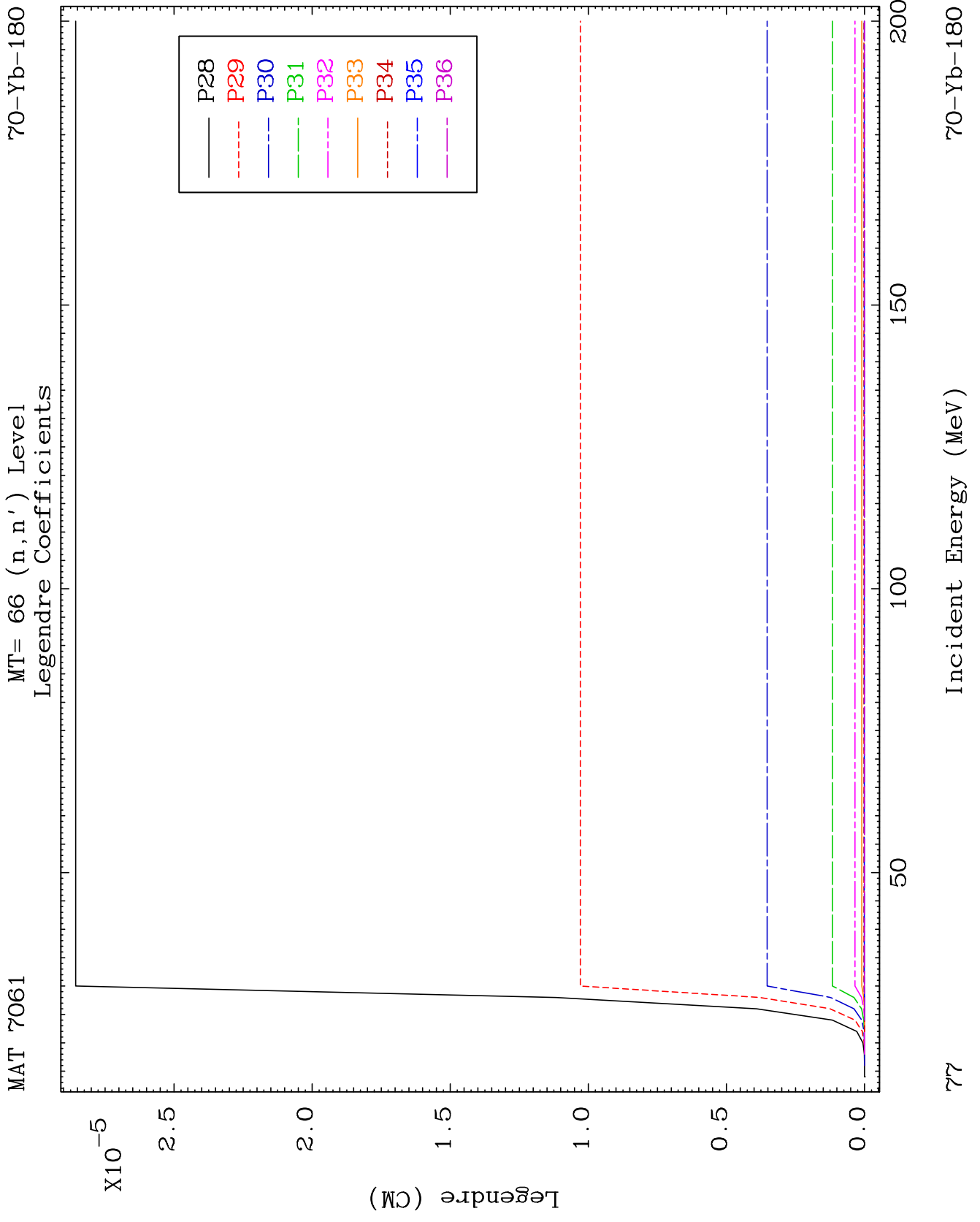
70-Yb-180

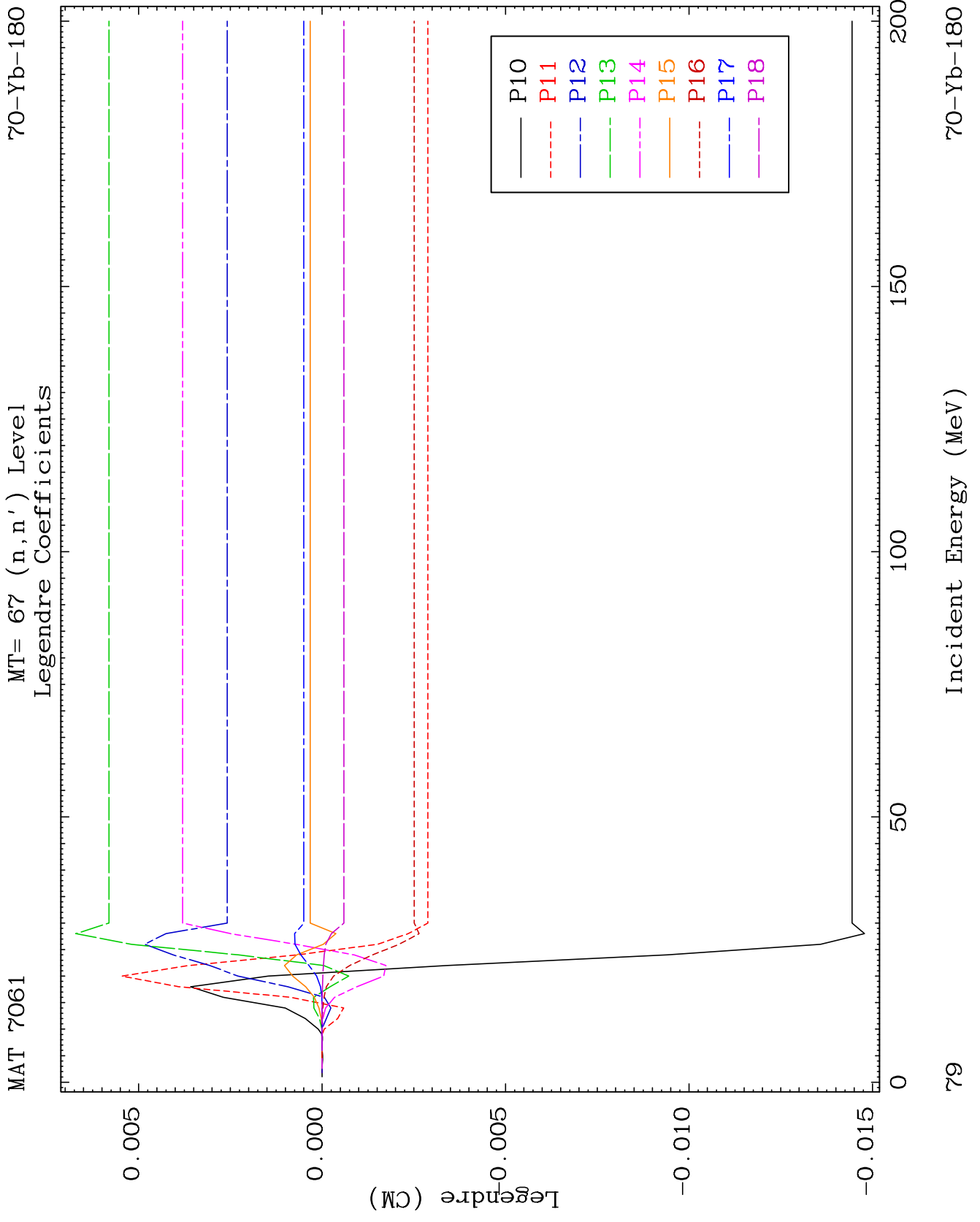


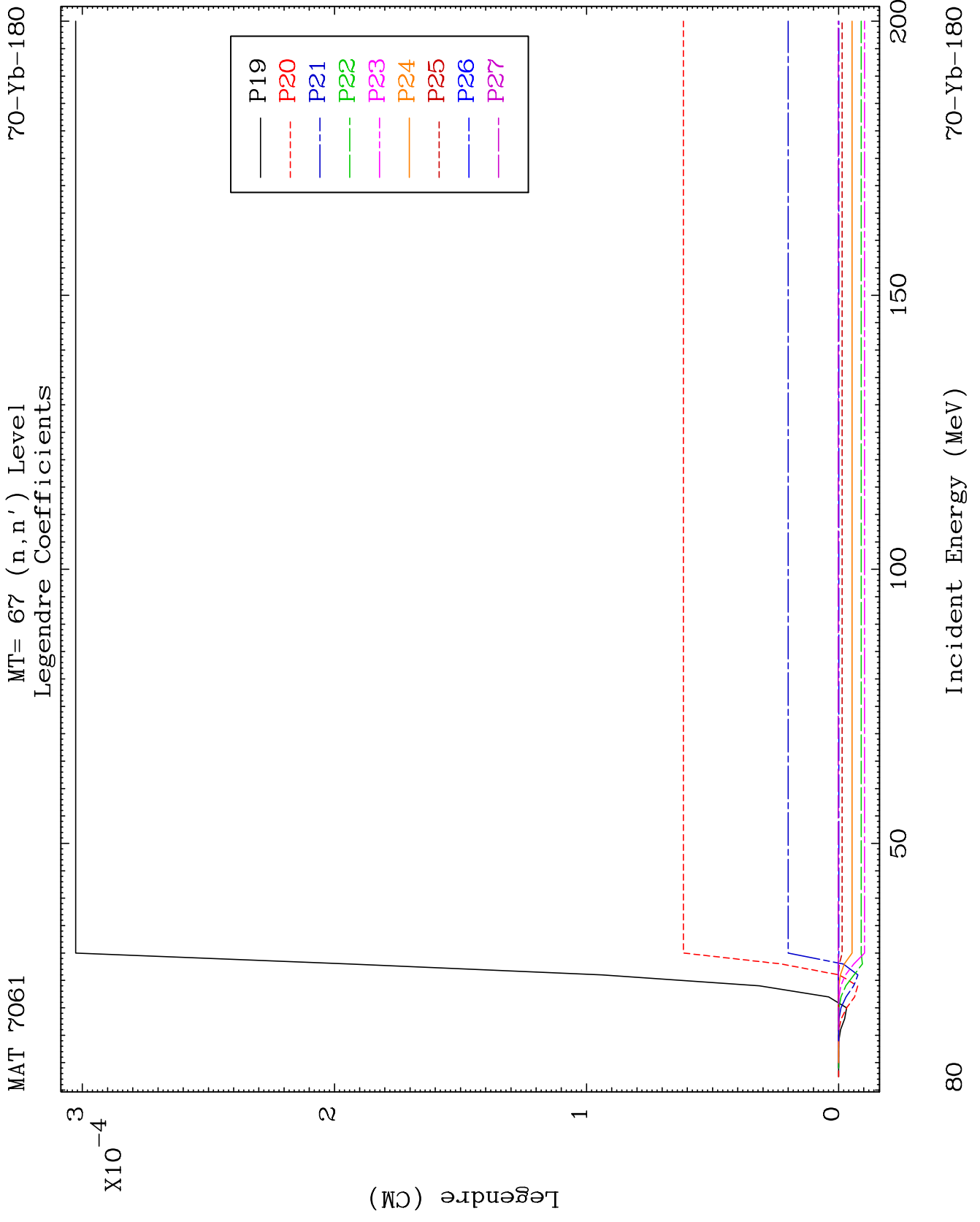








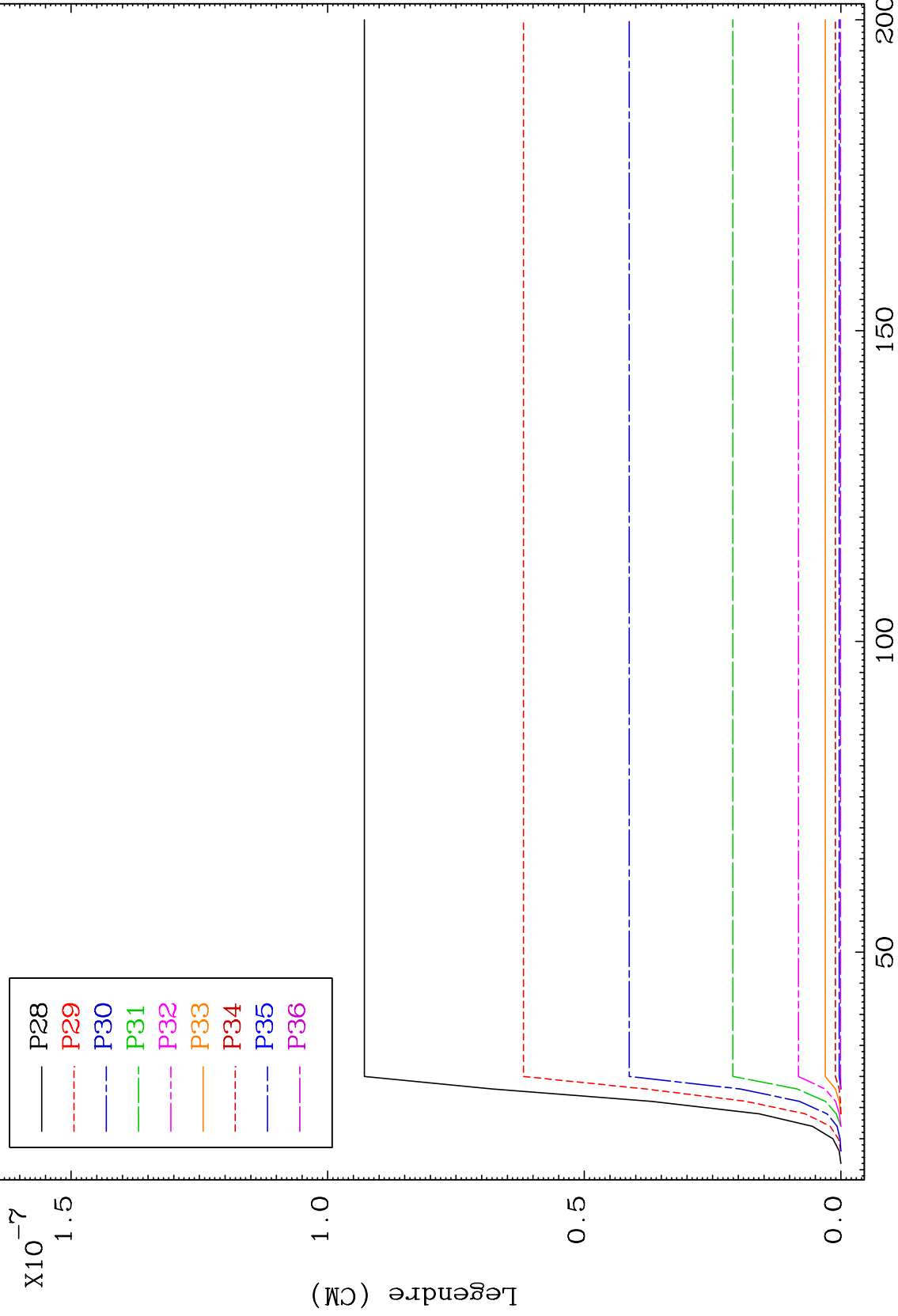
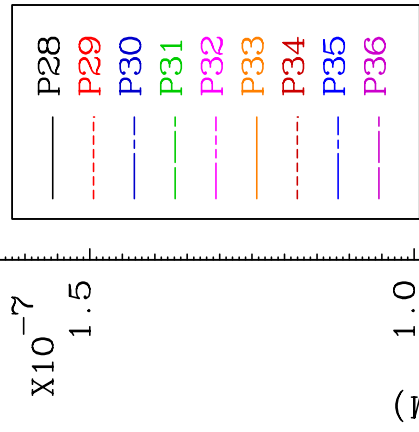




MAT 7061

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

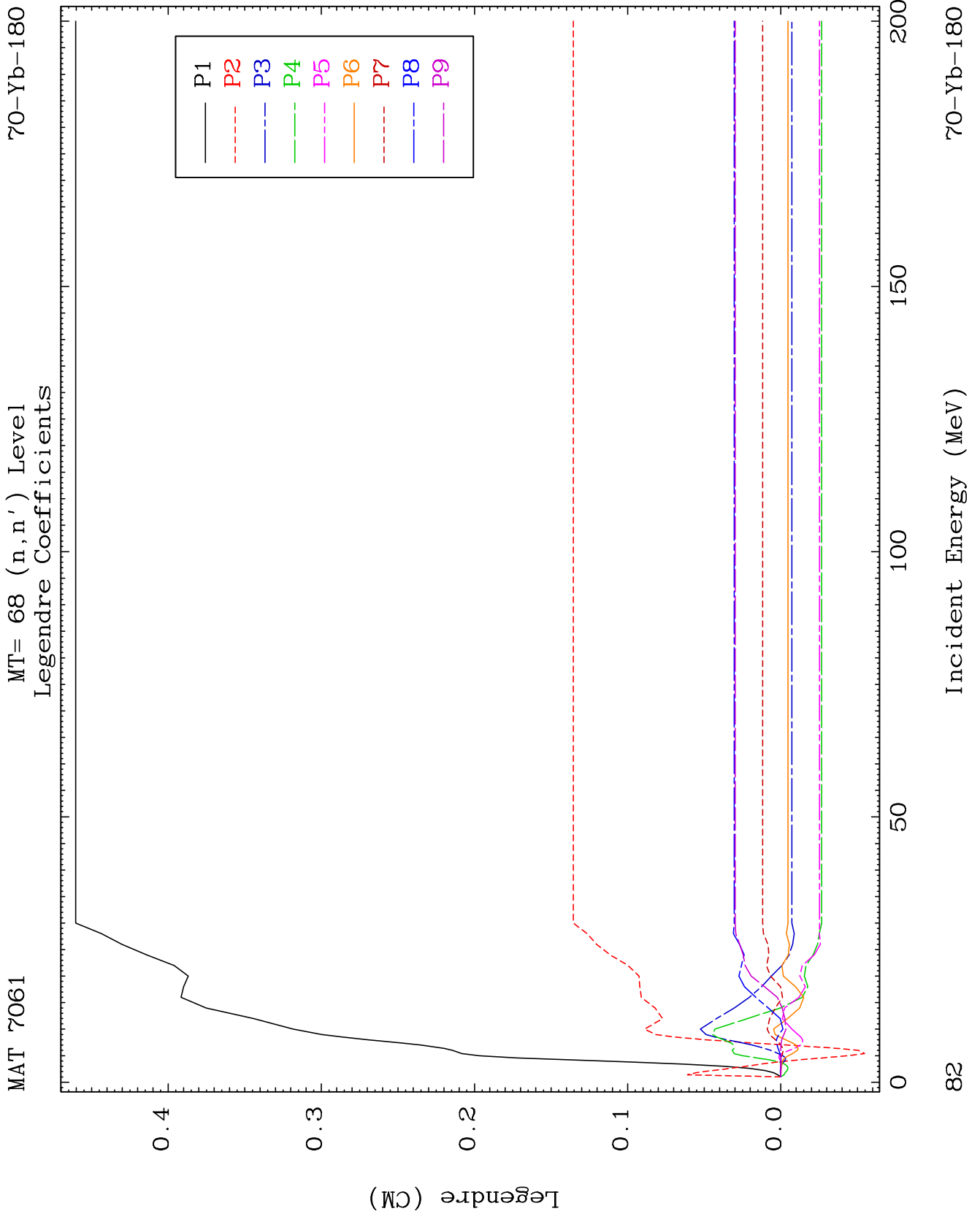
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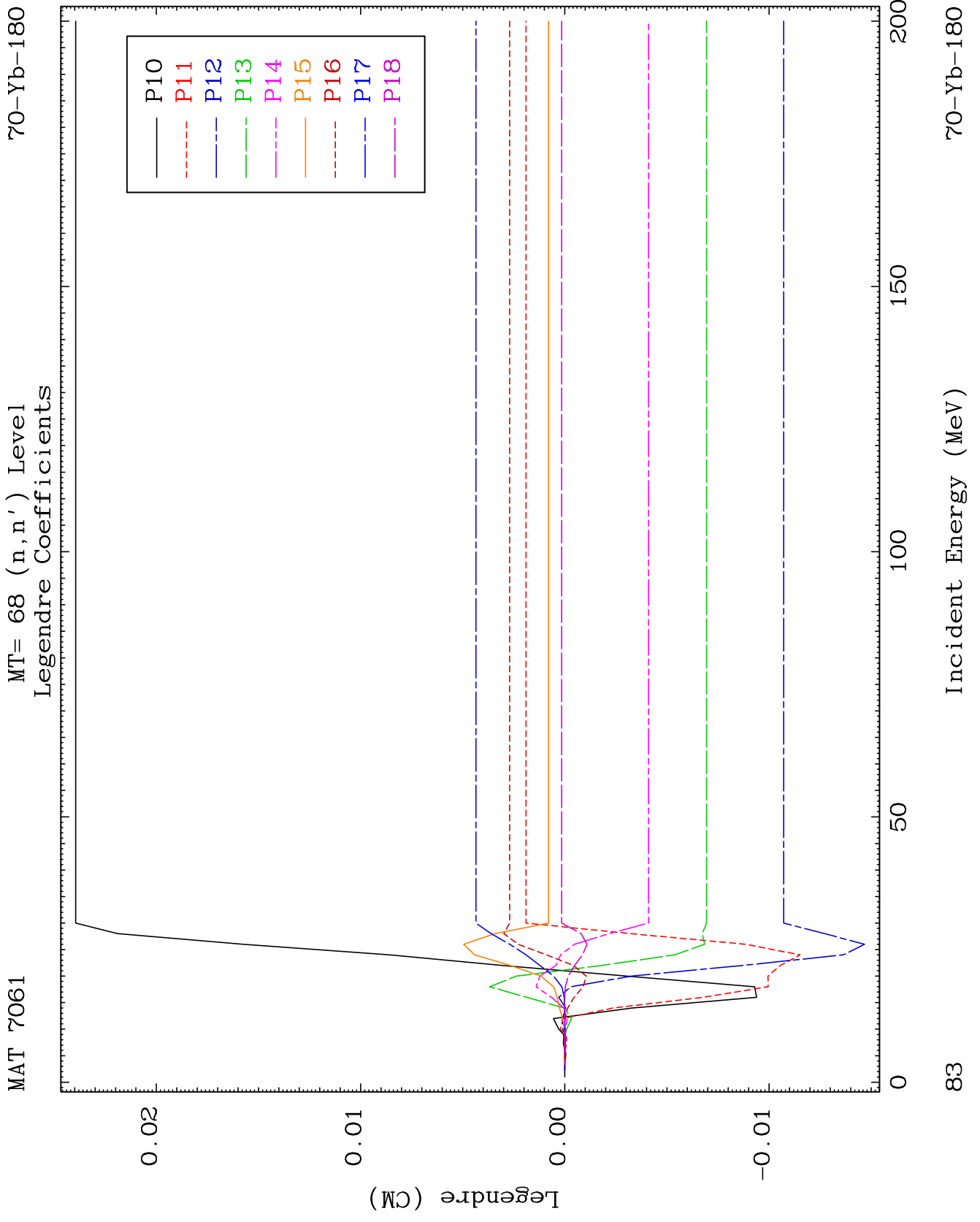


81

Incident Energy (MeV)

70-Yb-180

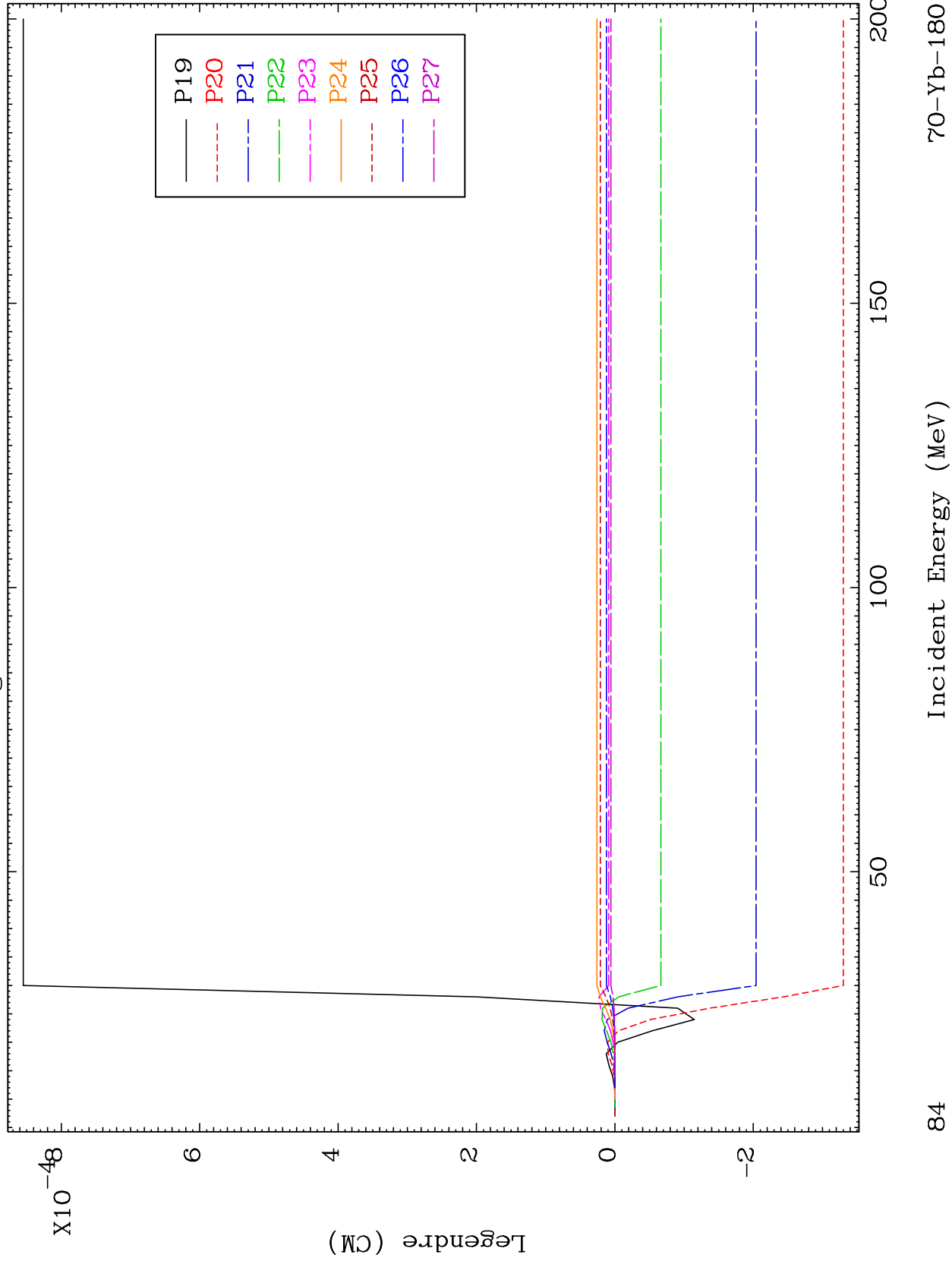




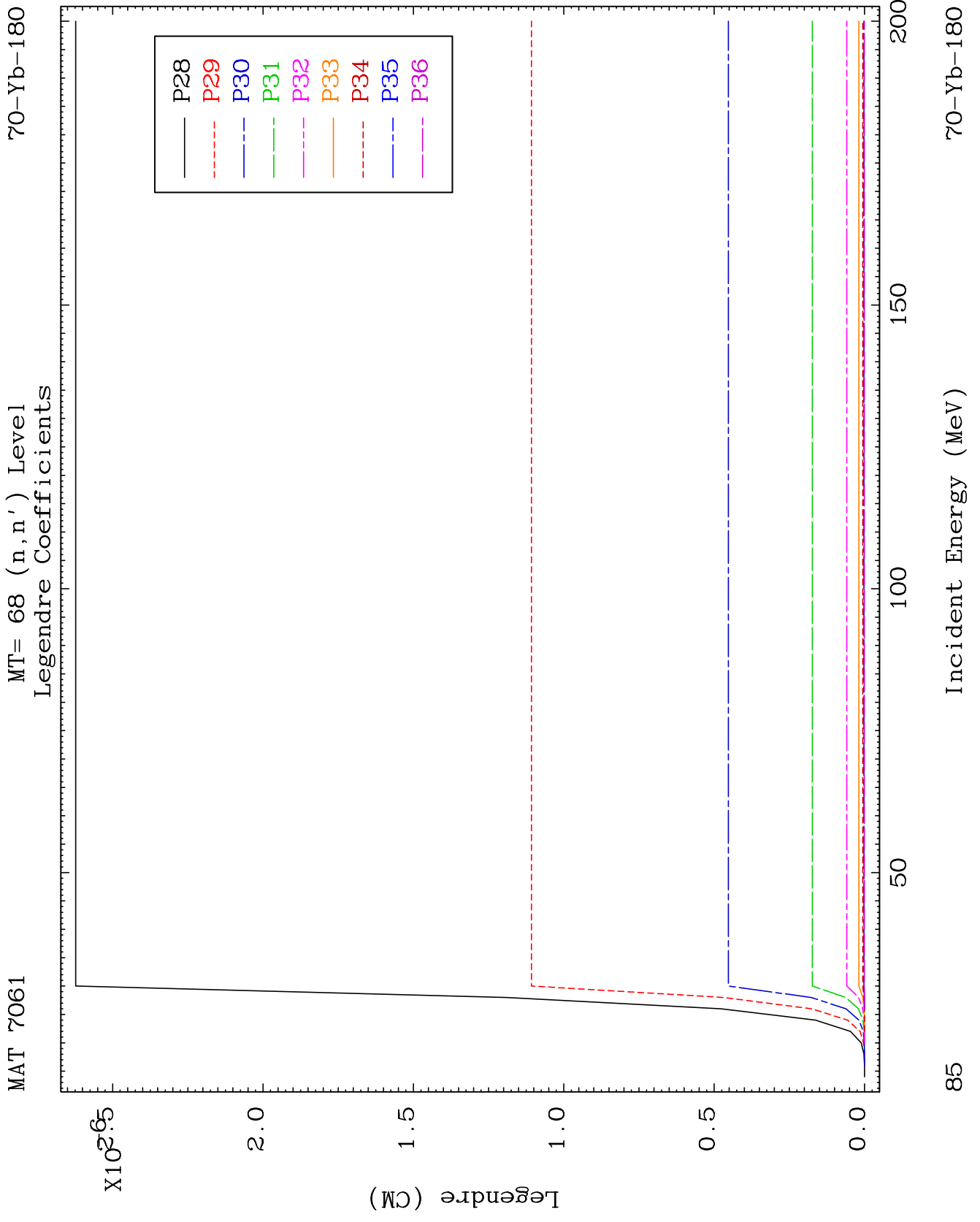
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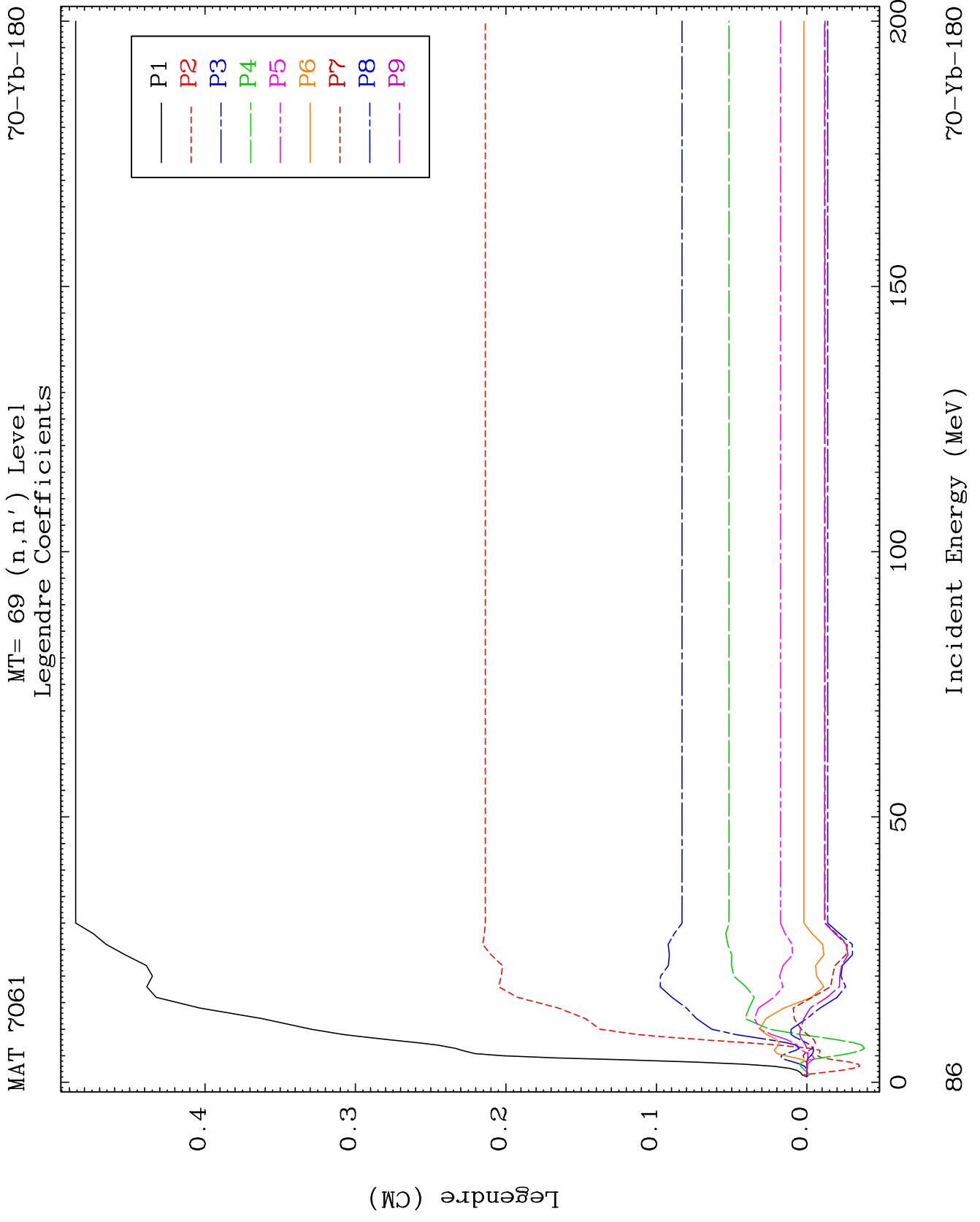
MT= 68 (n,n') Level
Legendre Coefficients

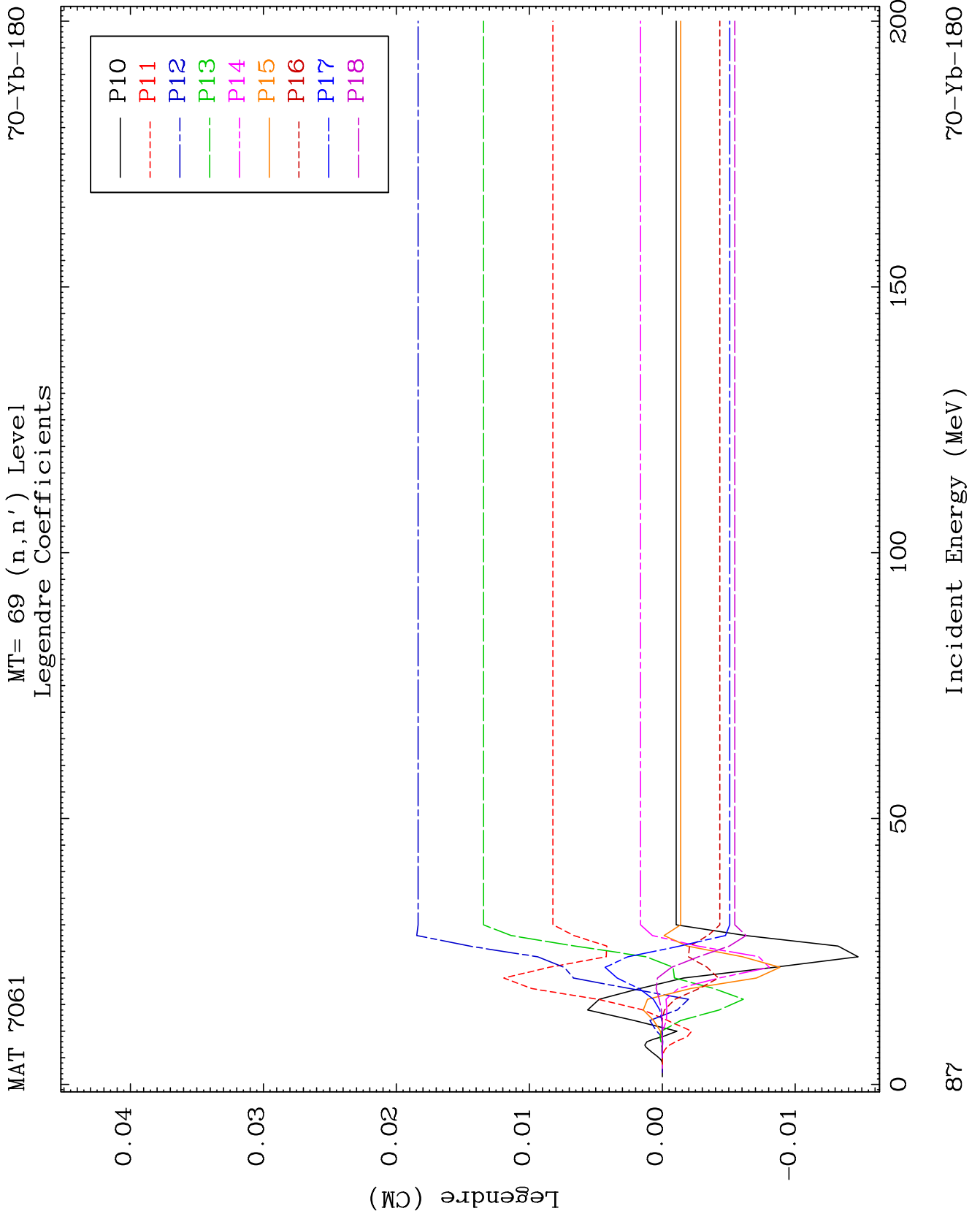
70-Yb-180



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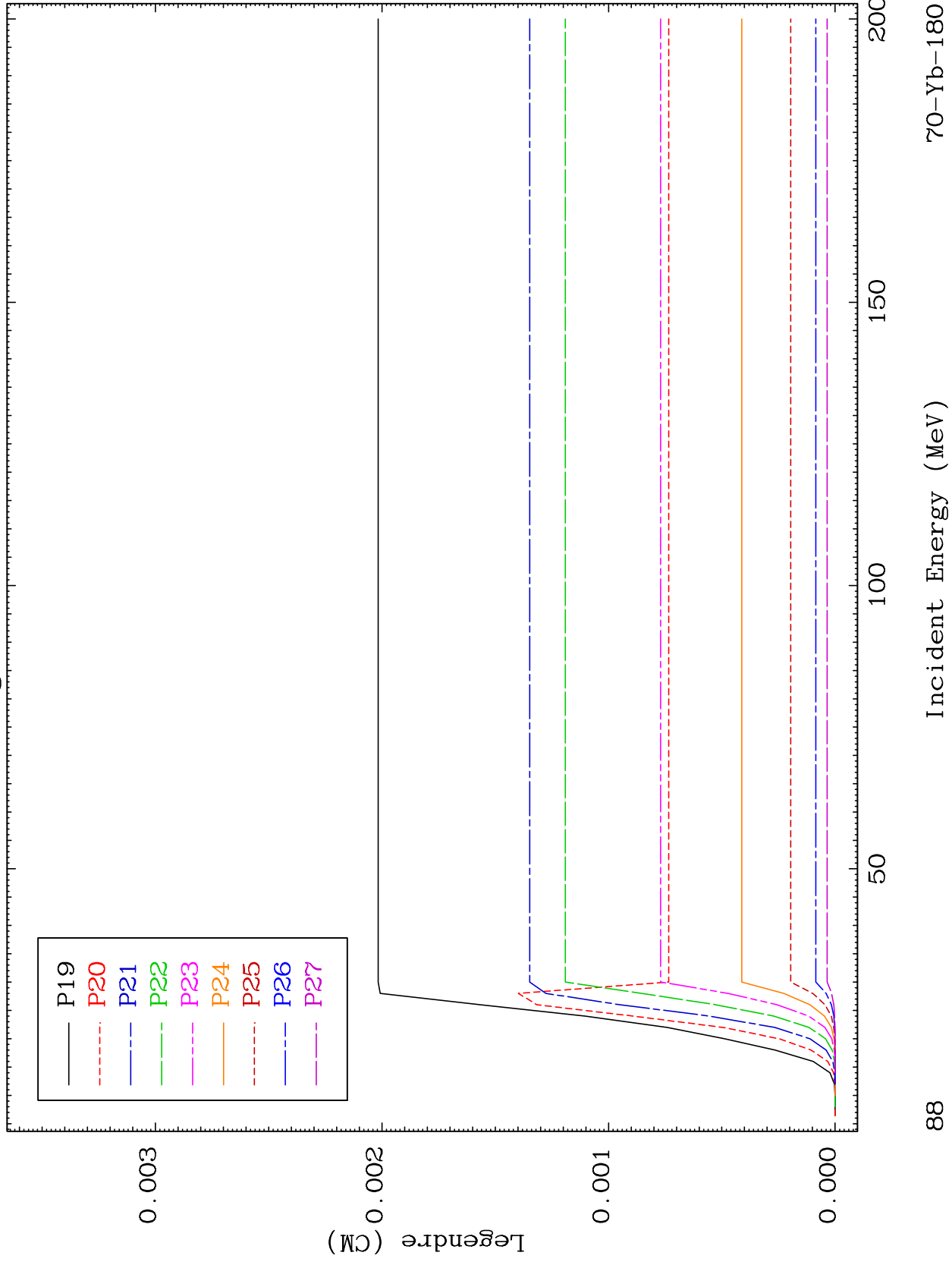


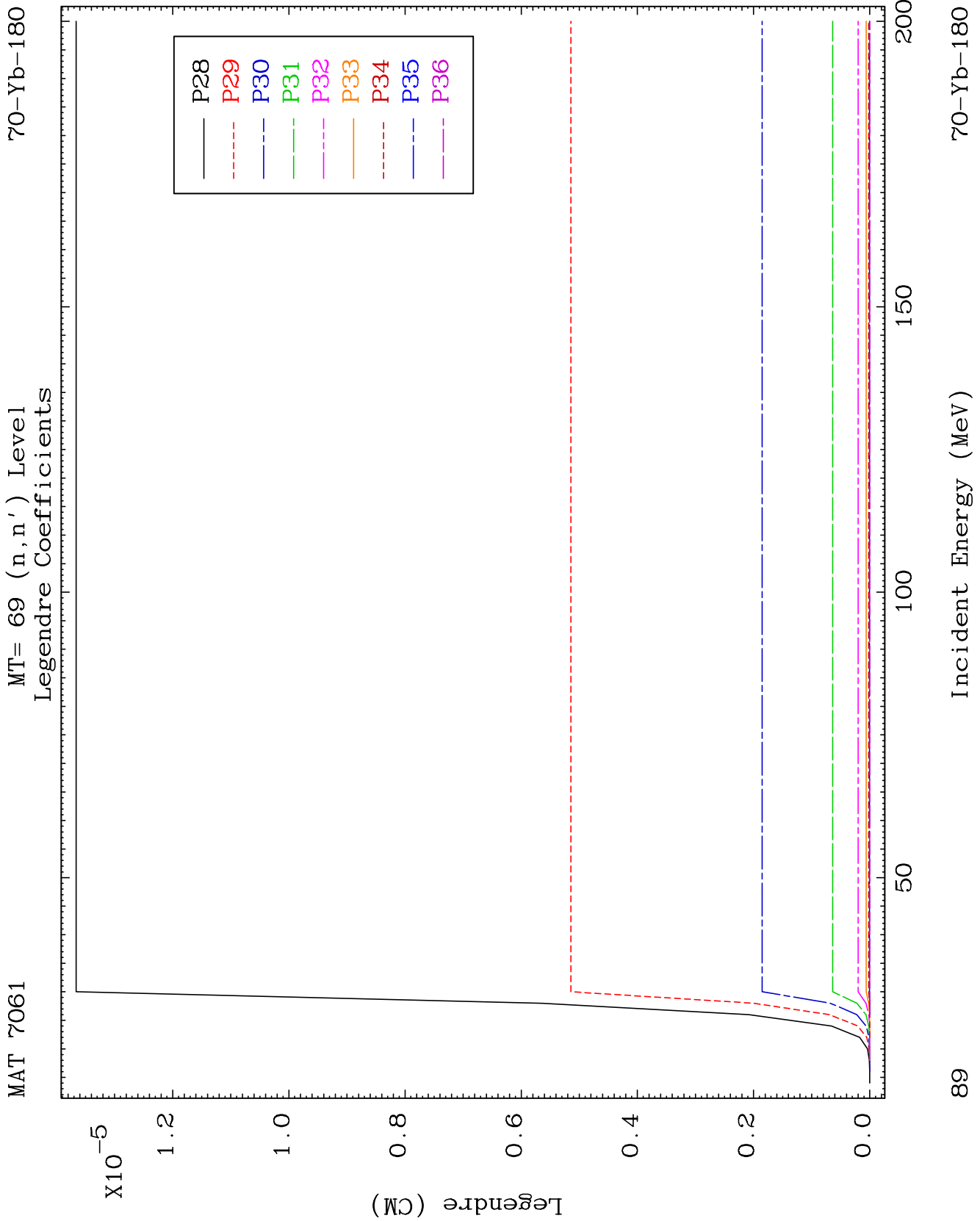


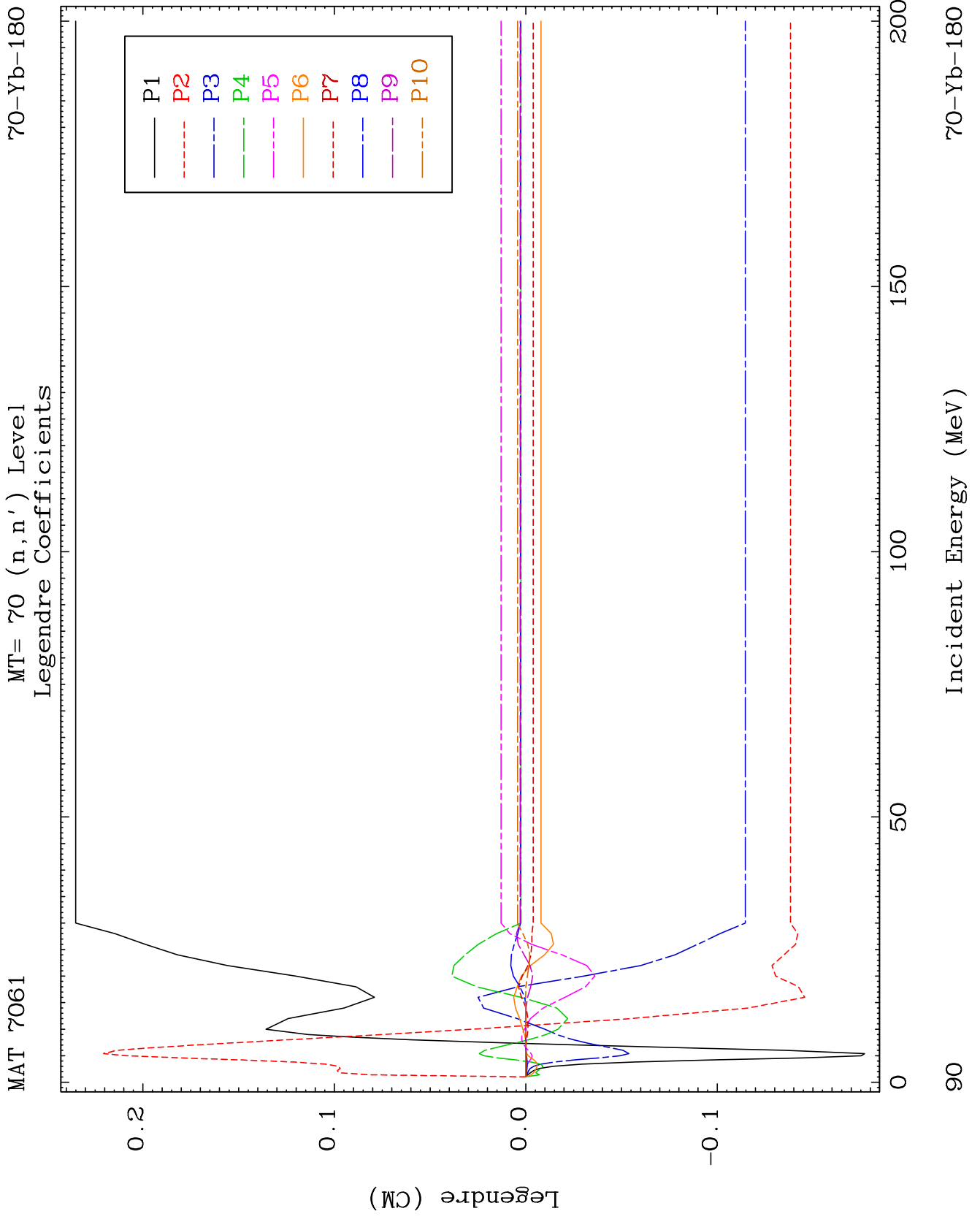
MAT 7061

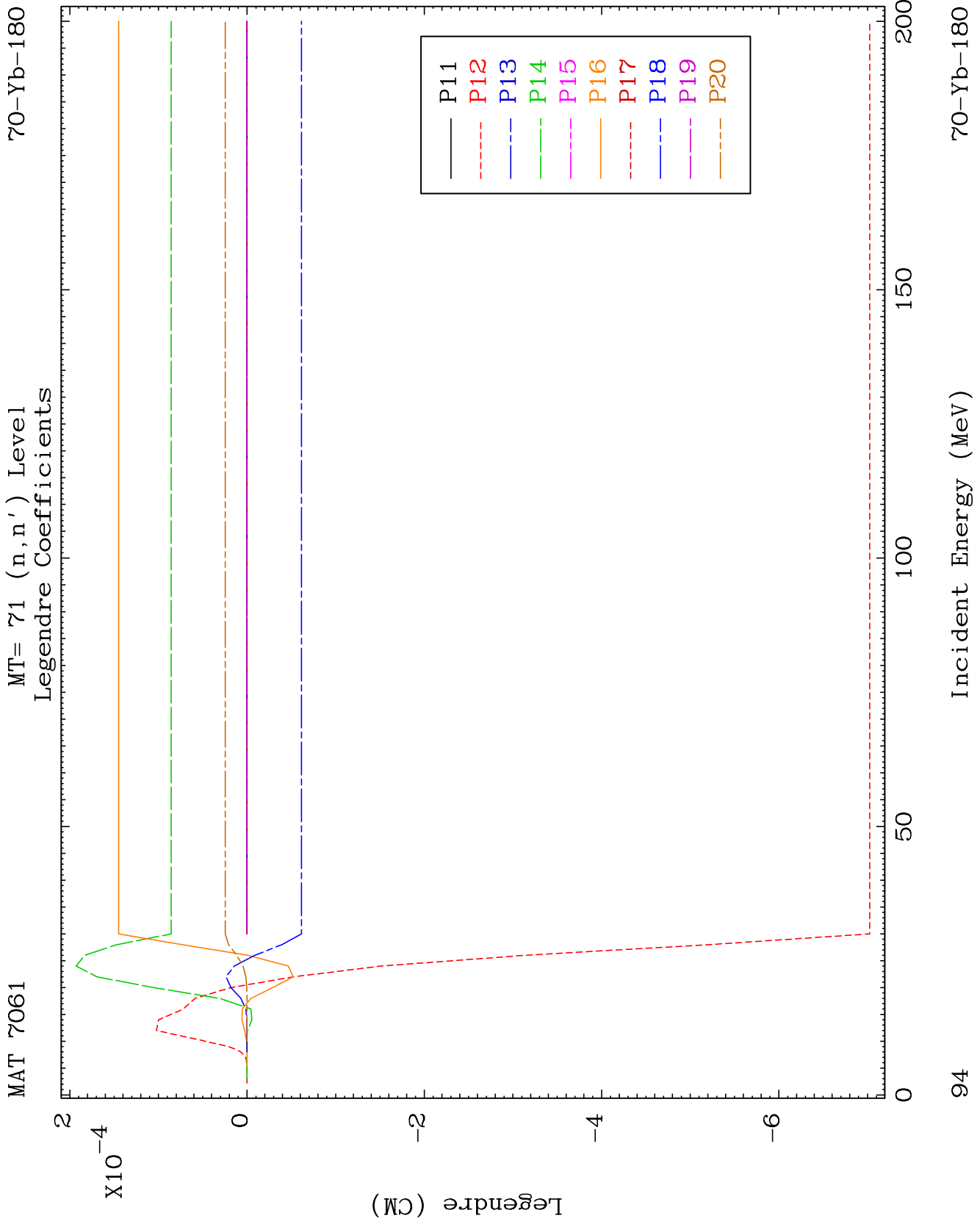
MT= 69 (n,n') Level
Legendre Coefficients

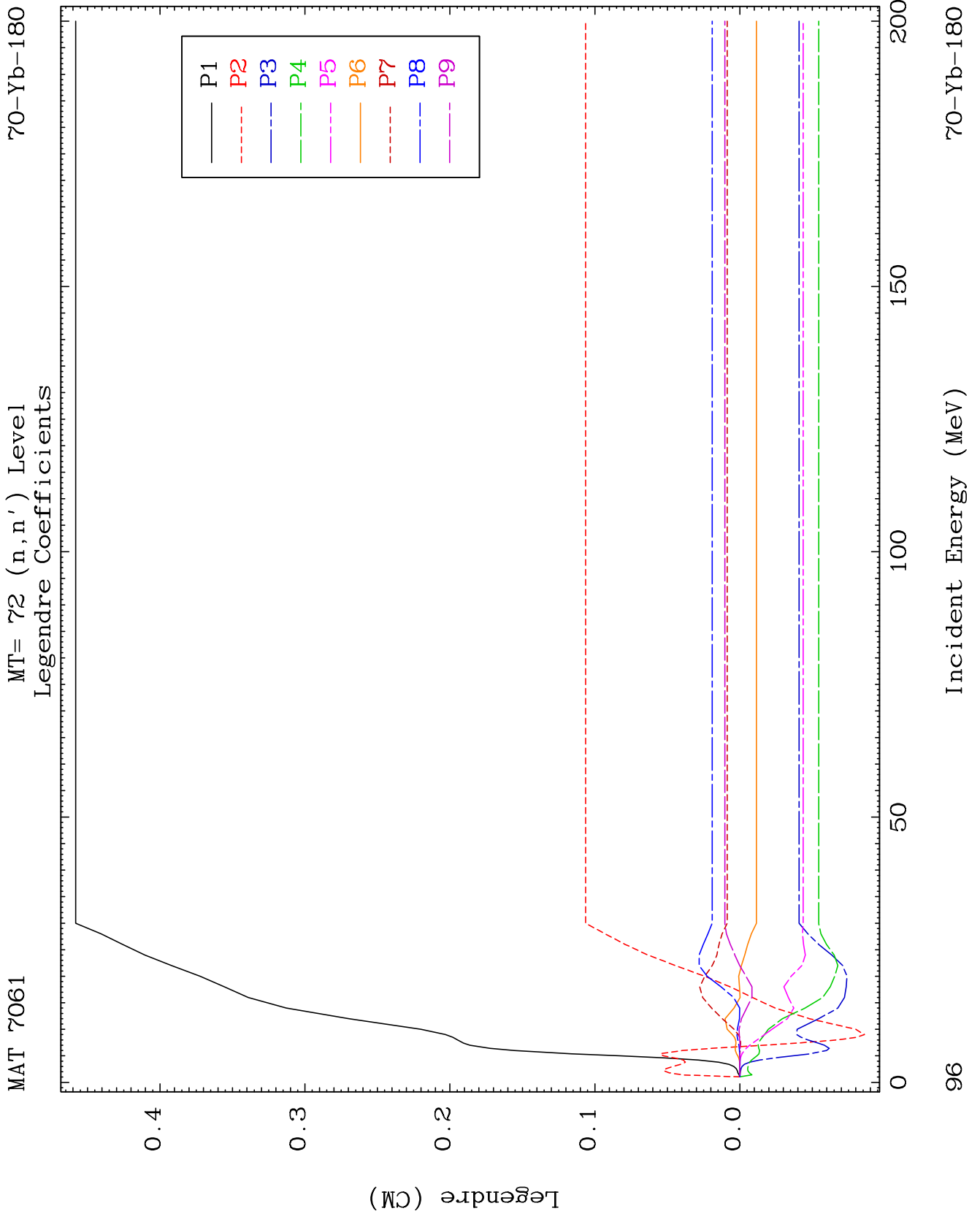
70-Yb-180

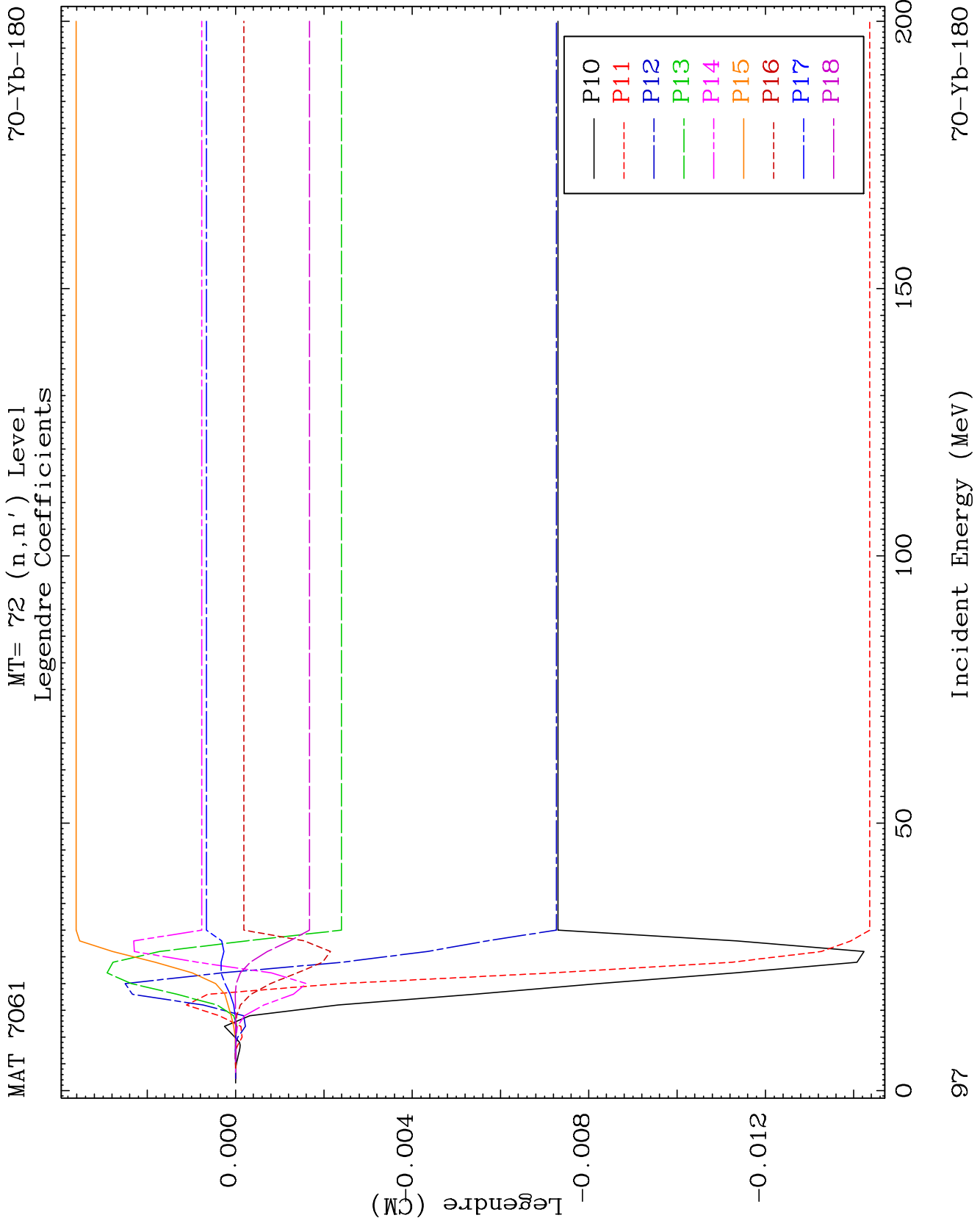








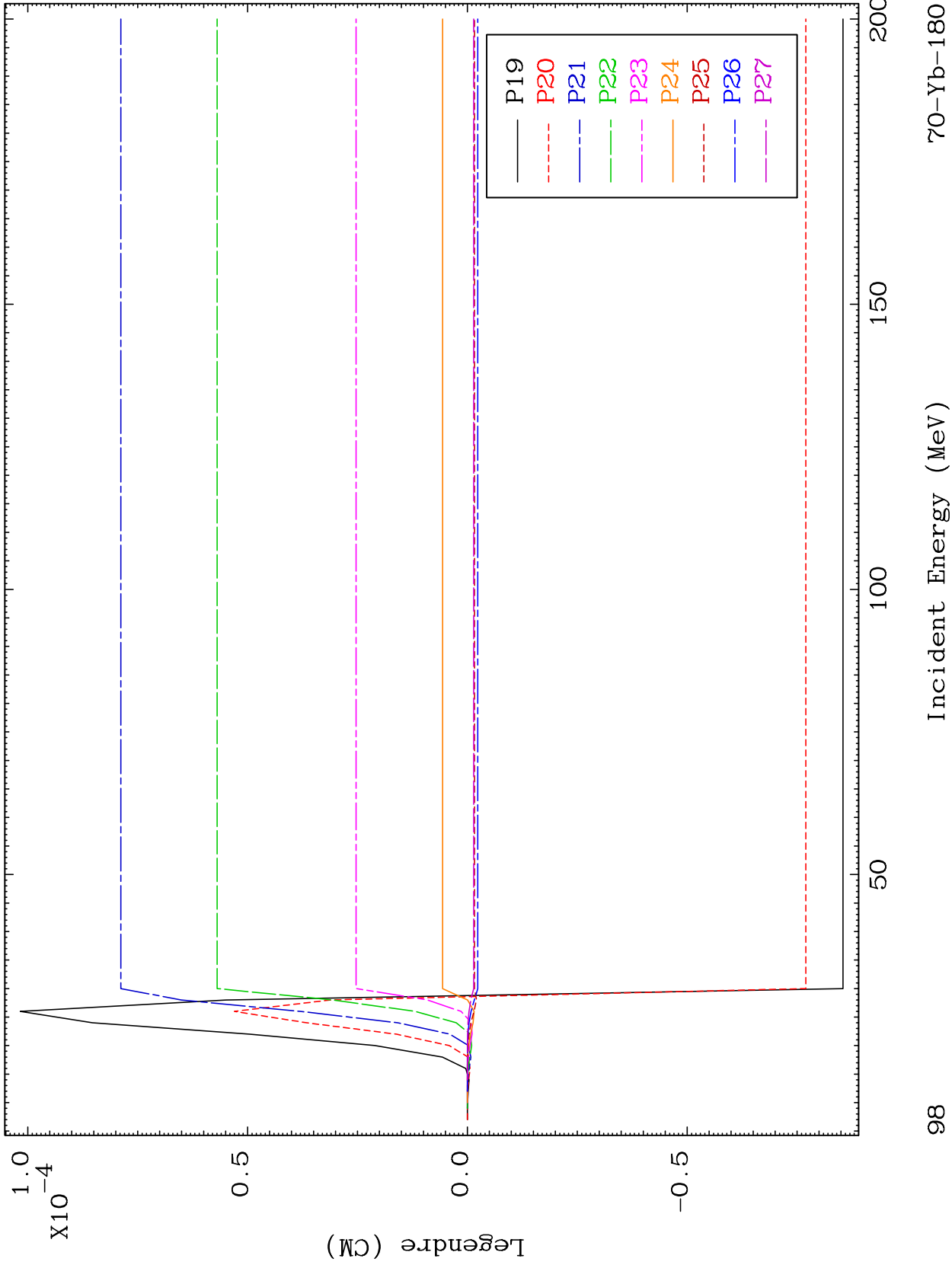


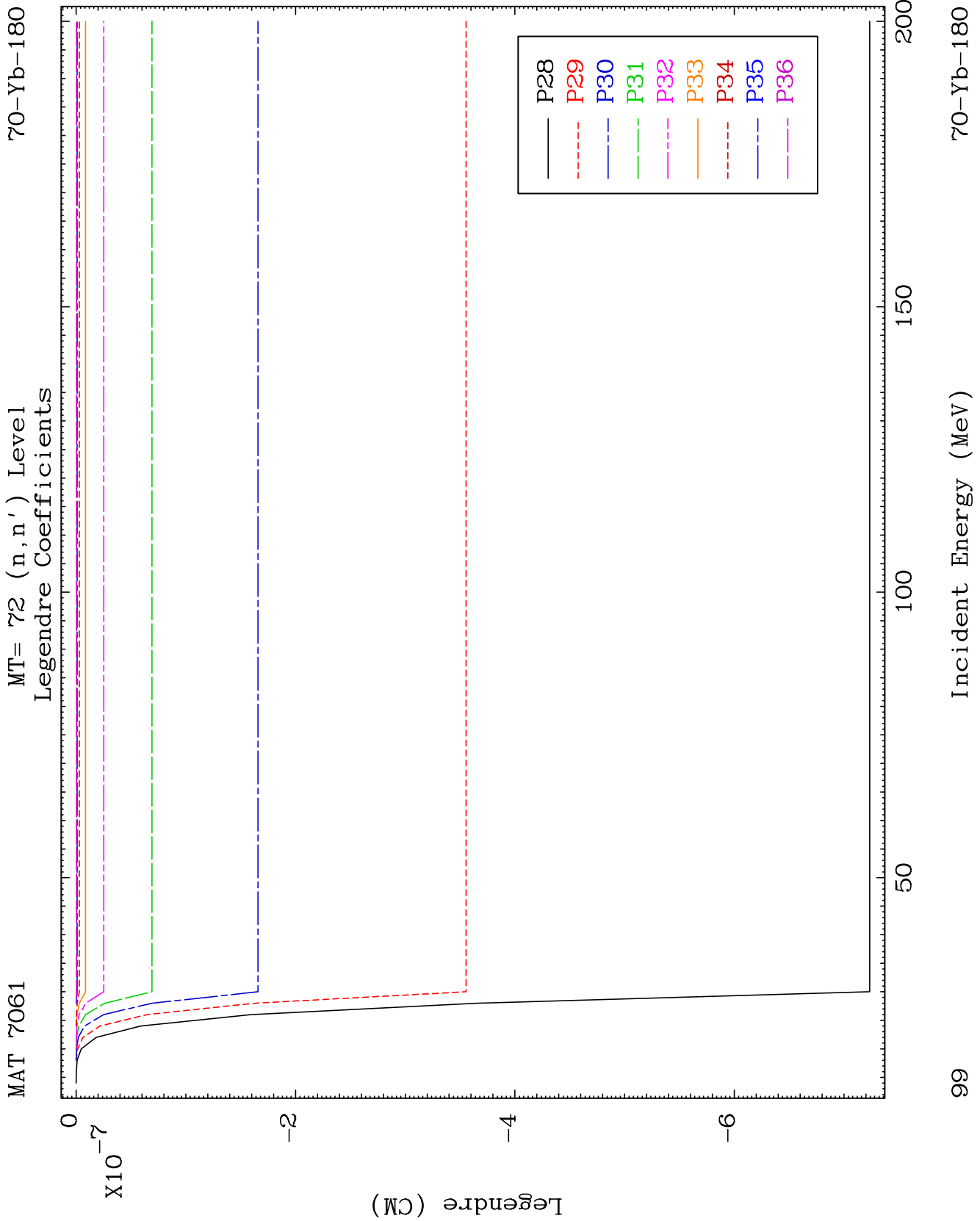


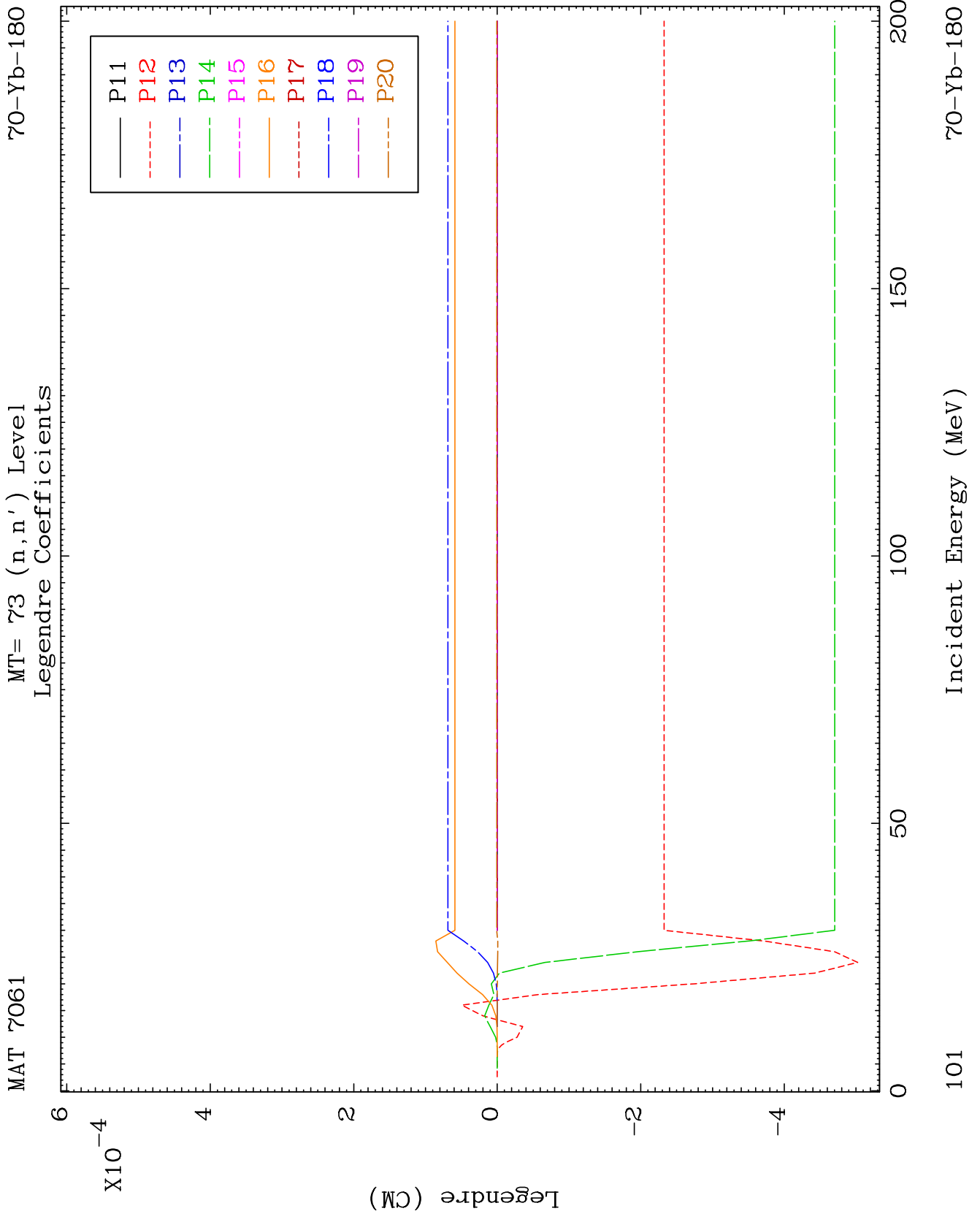
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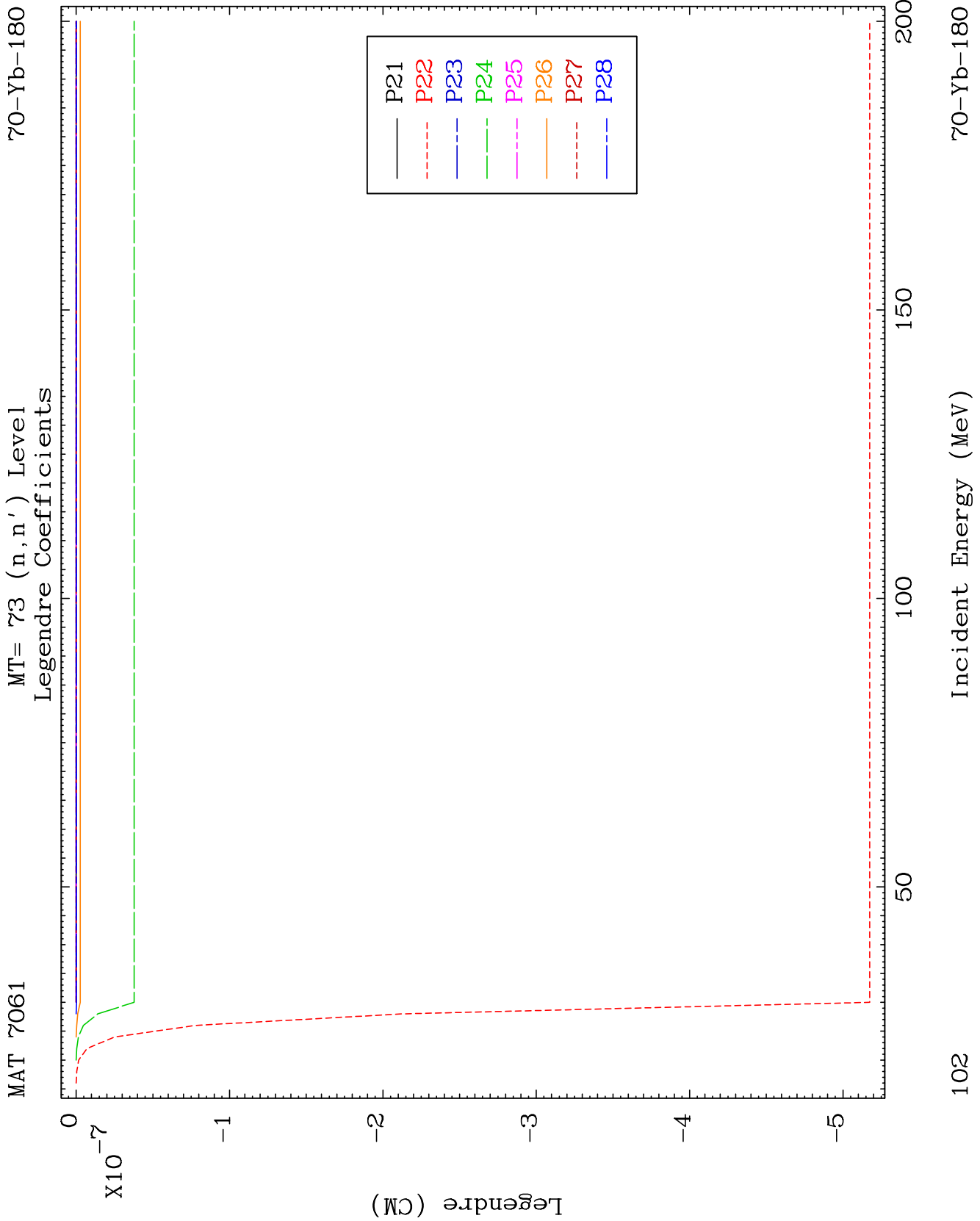
MT= 72 (n,n') Level
Legendre Coefficients

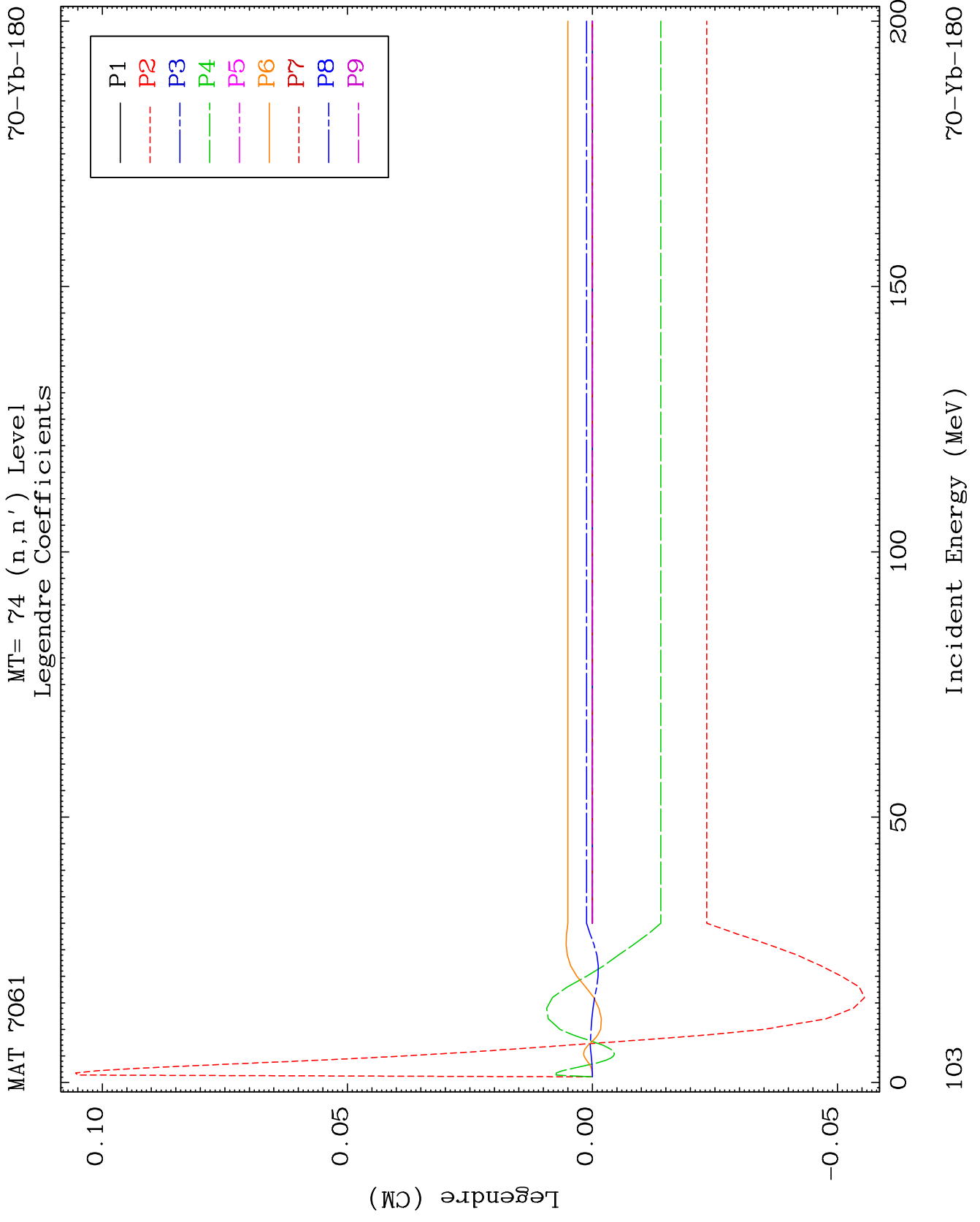
70-Yb-180

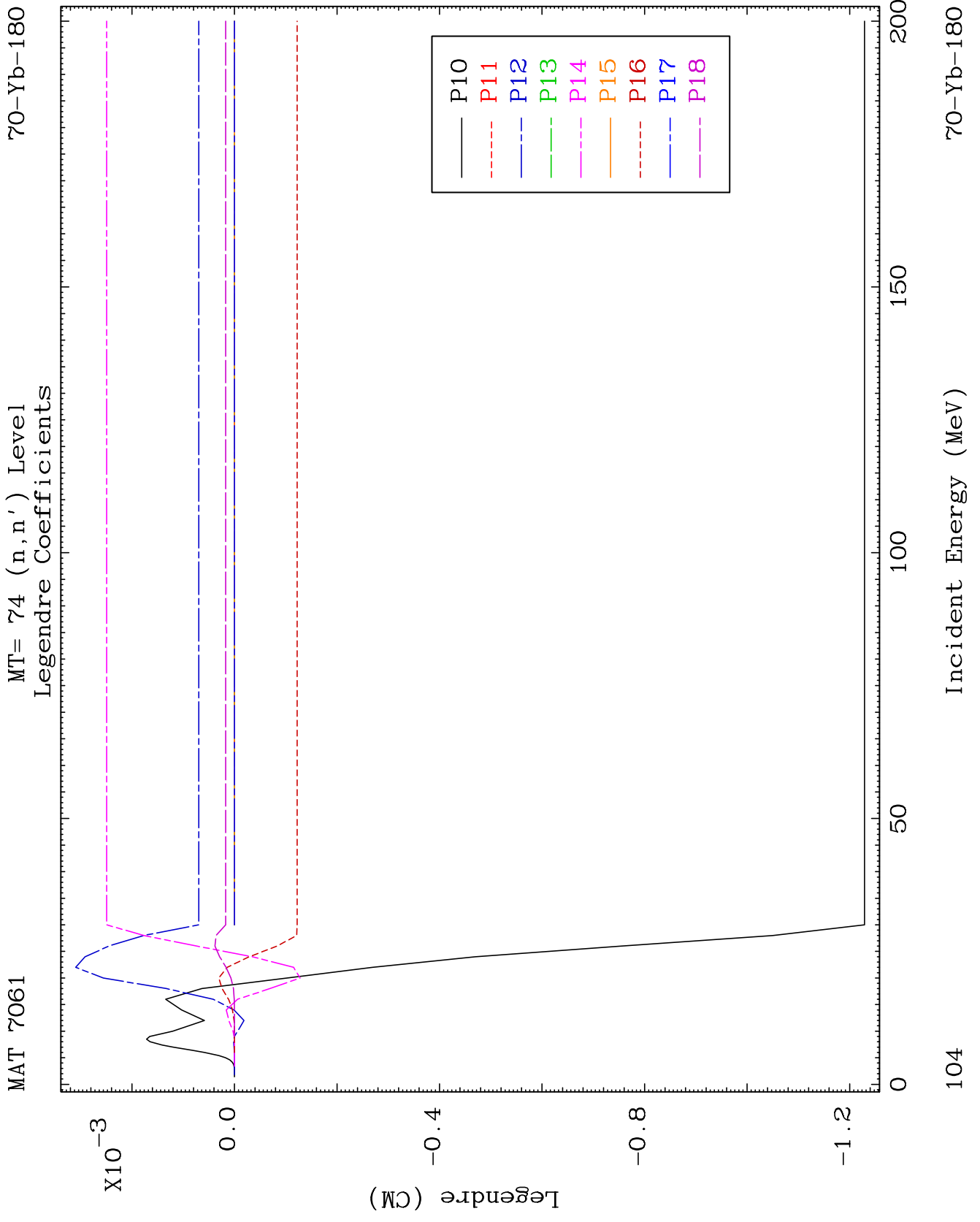


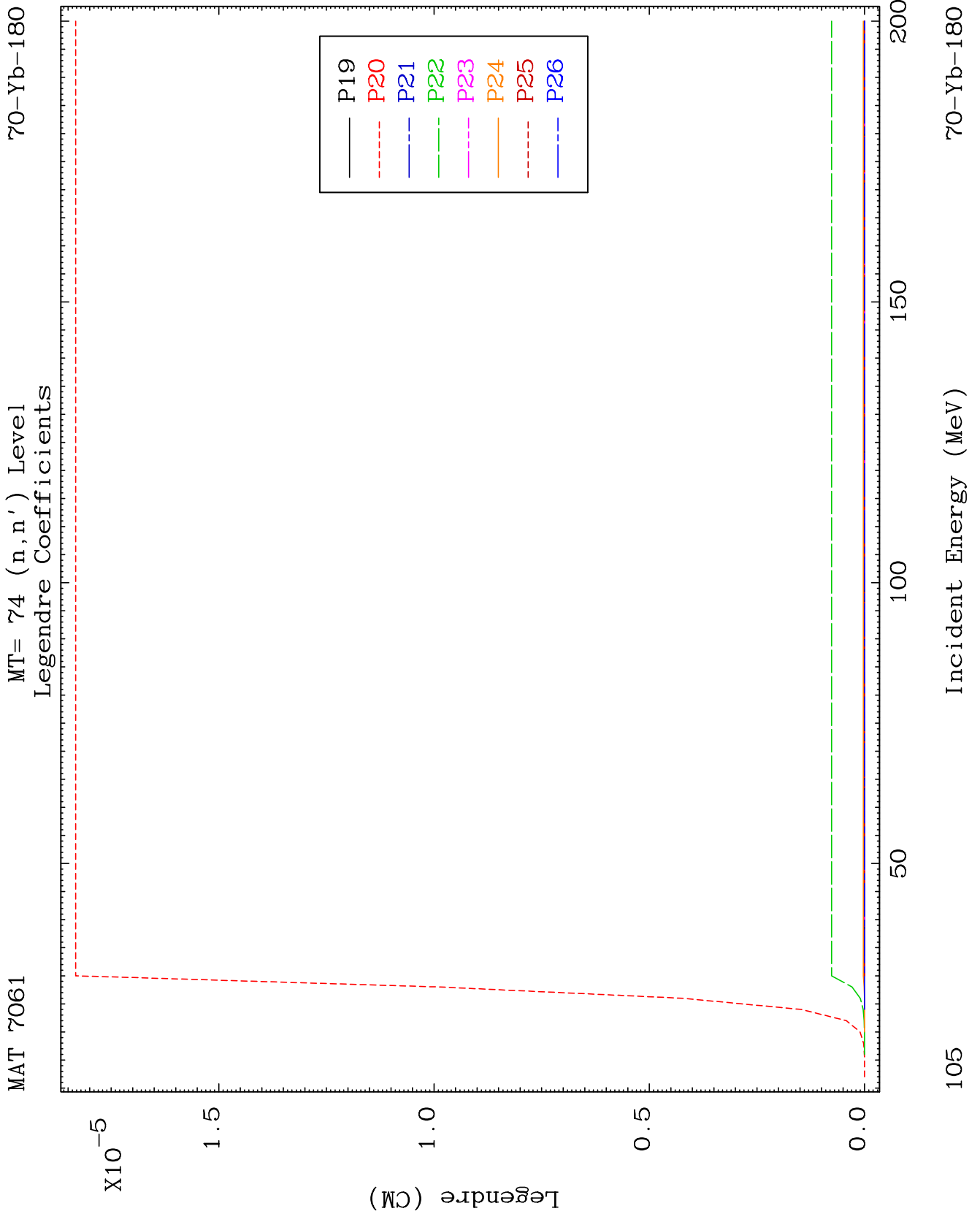


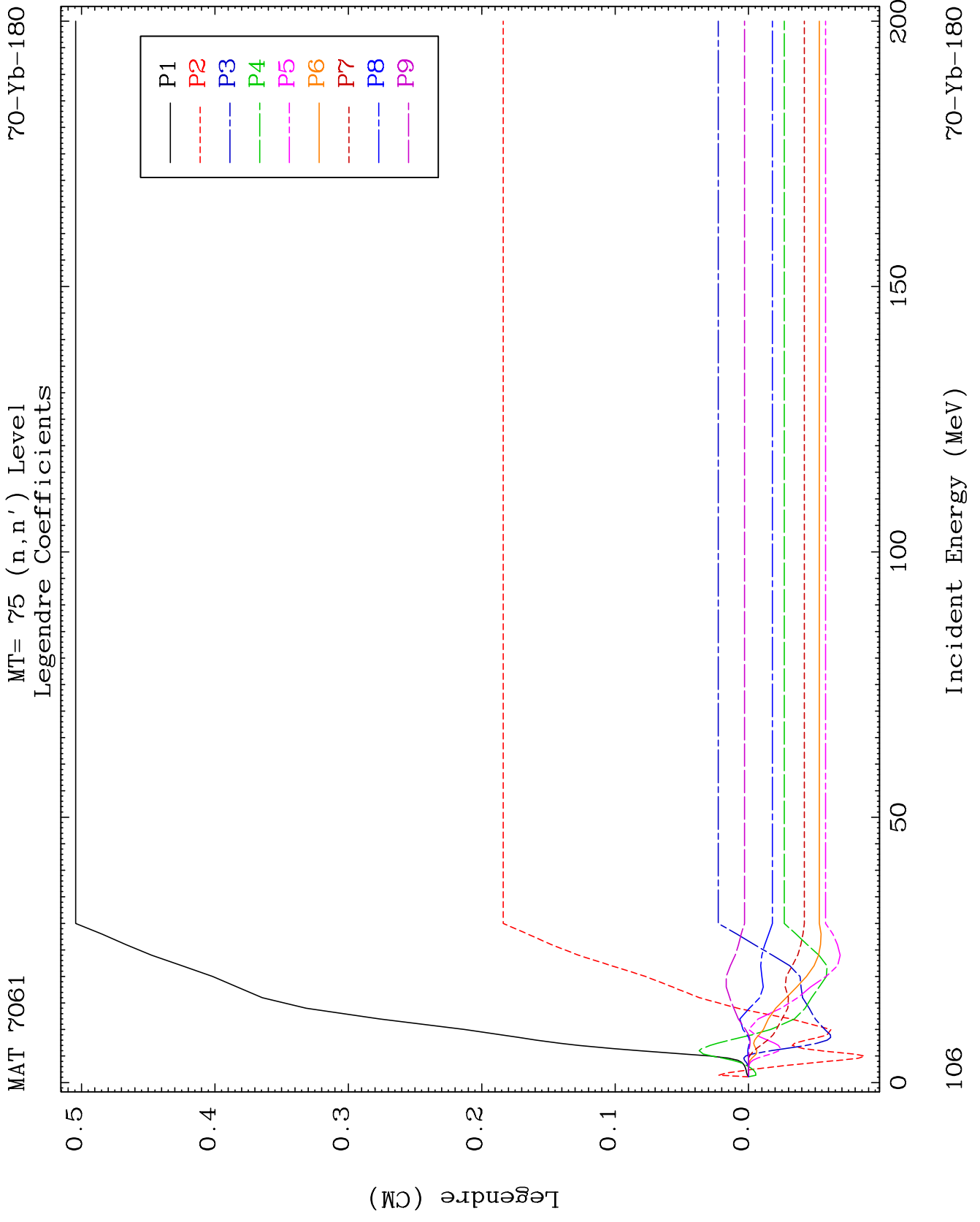


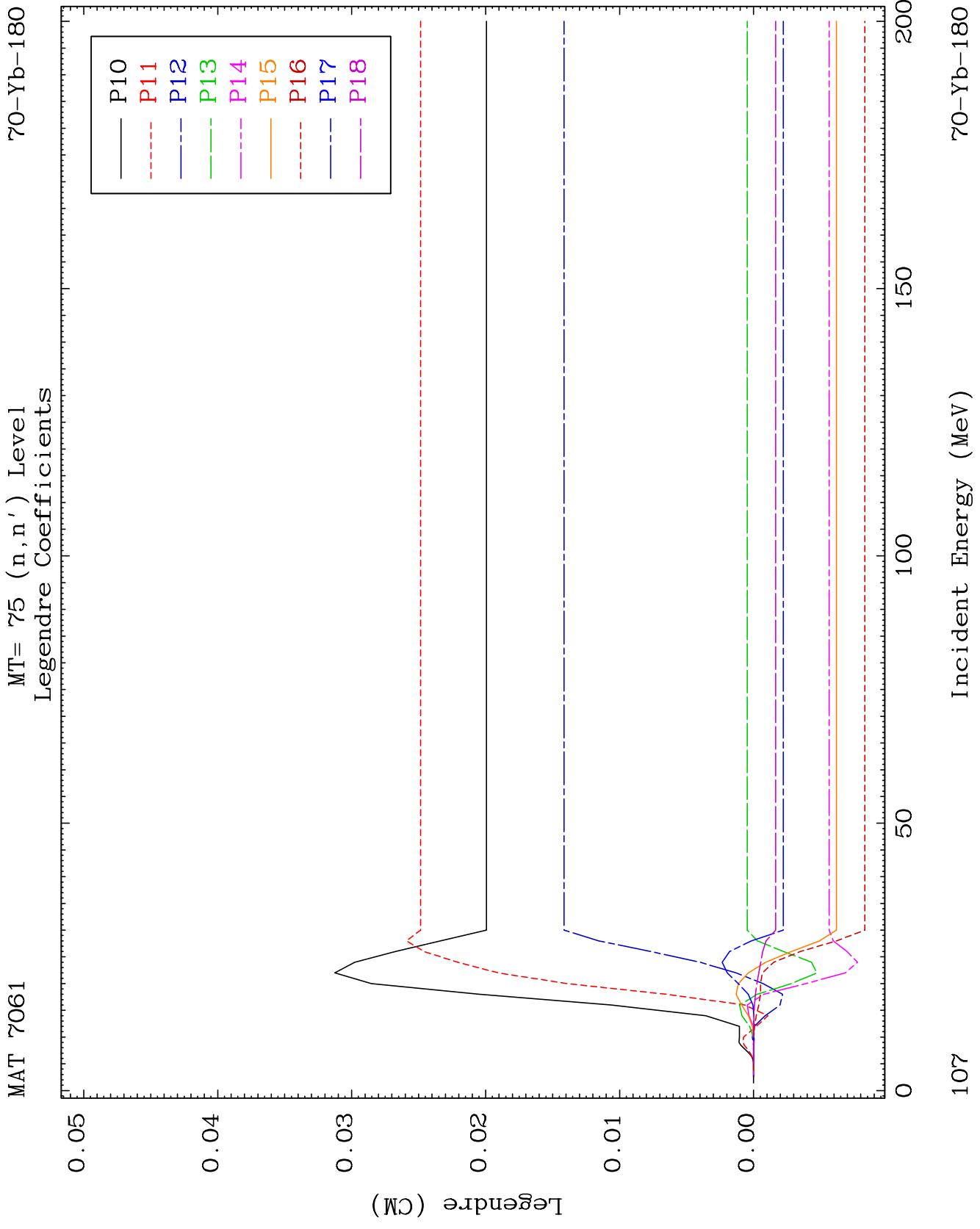








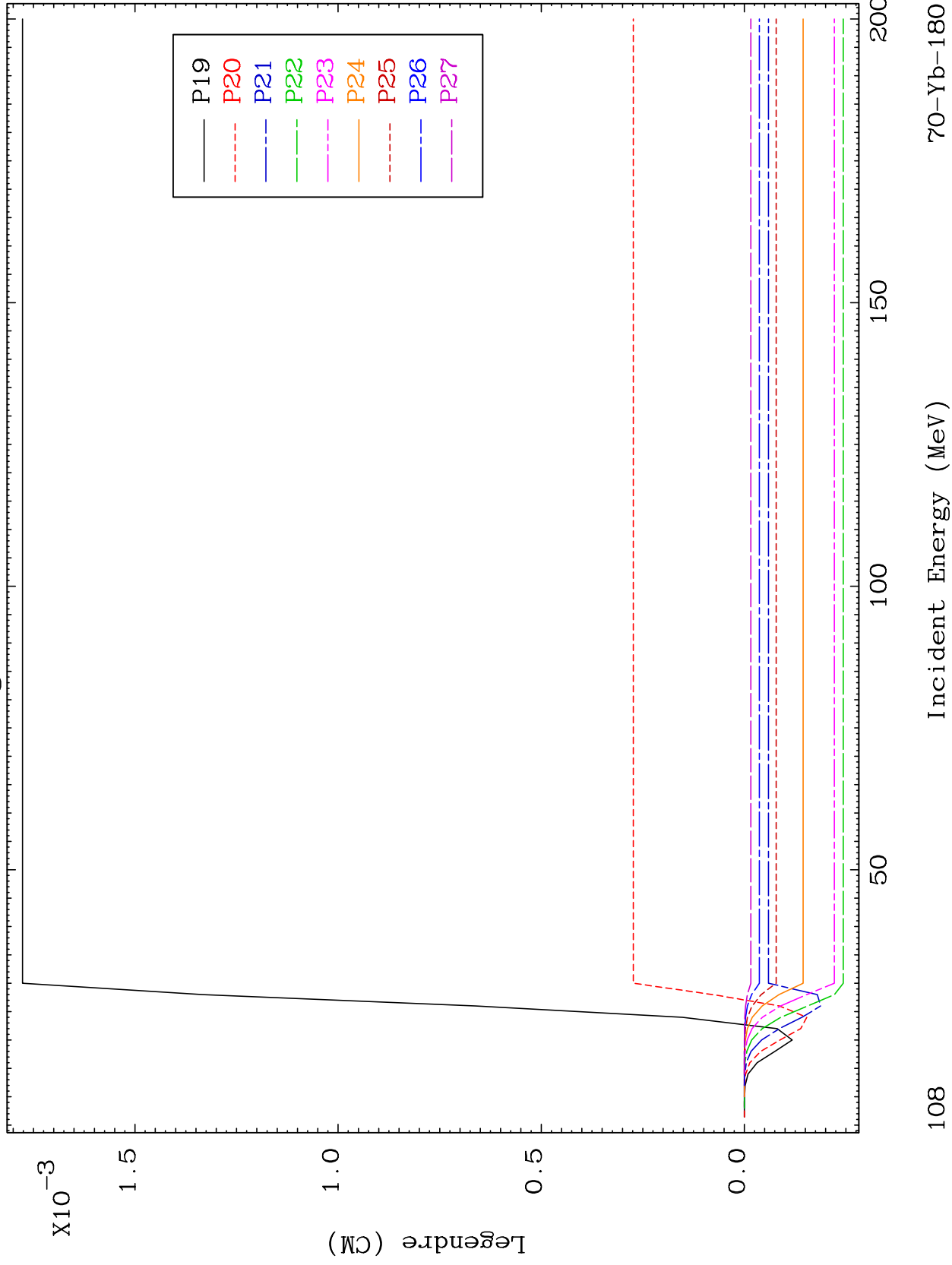




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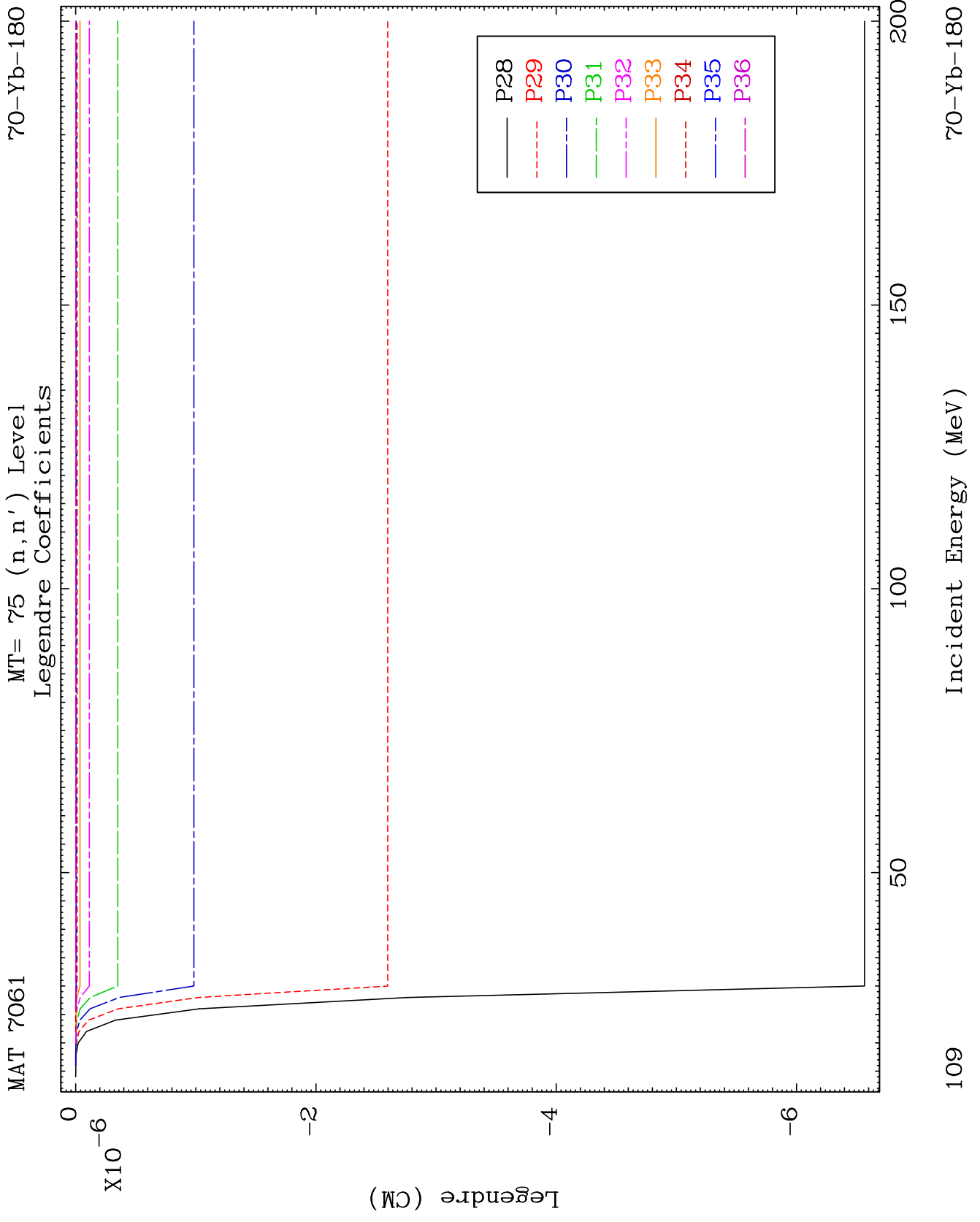
MT= 75 (n,n') Level
Legendre Coefficients

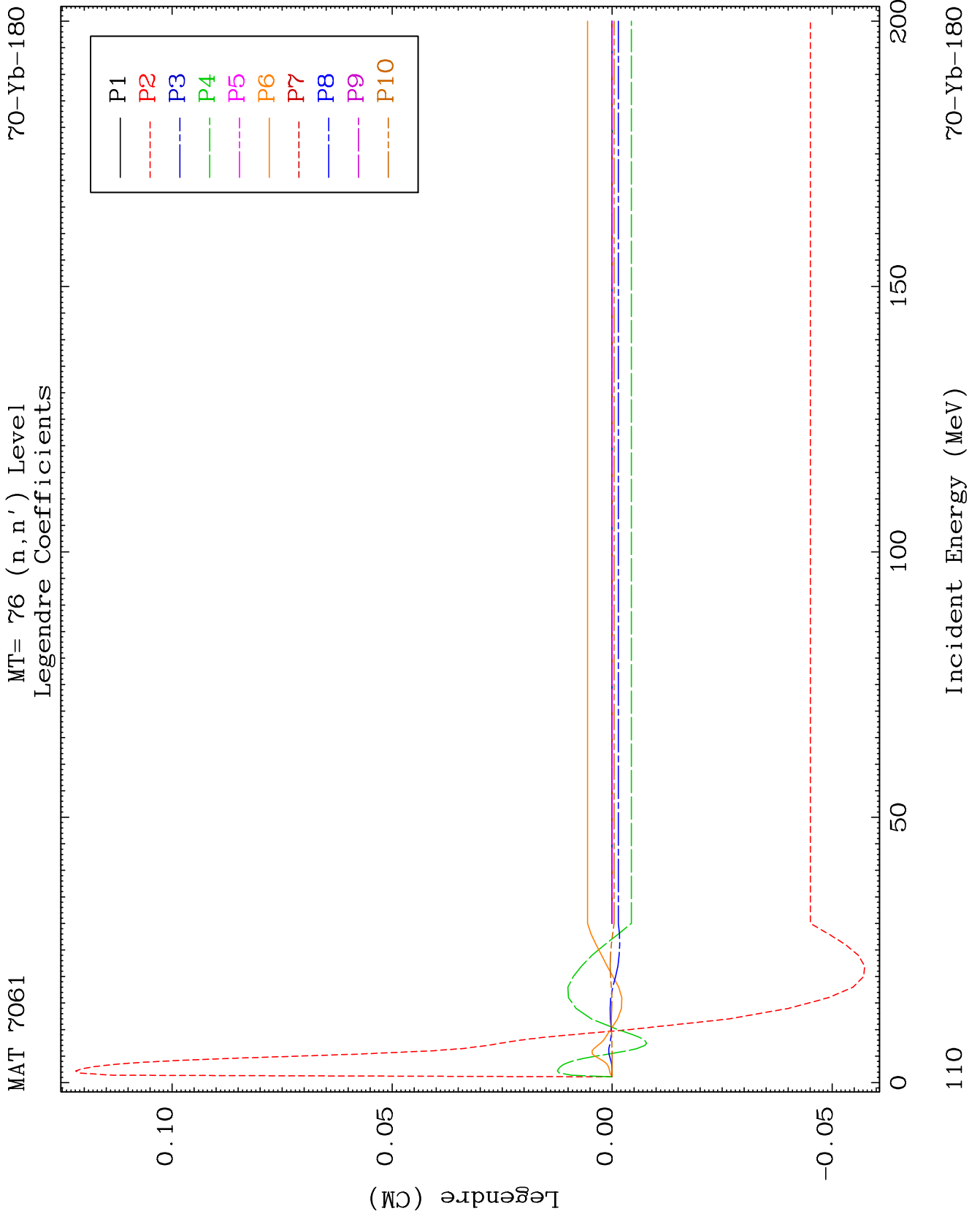
70-Yb-180

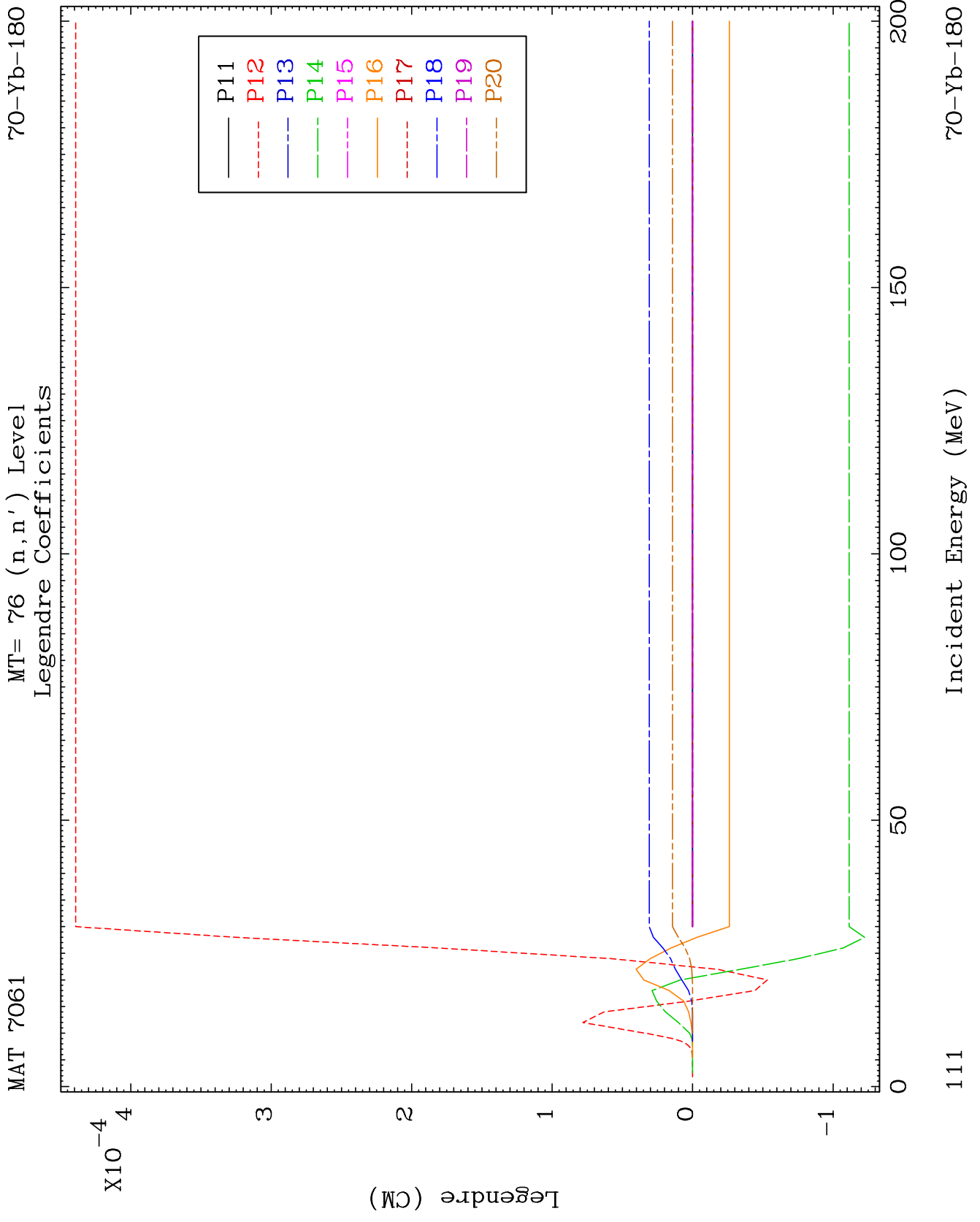


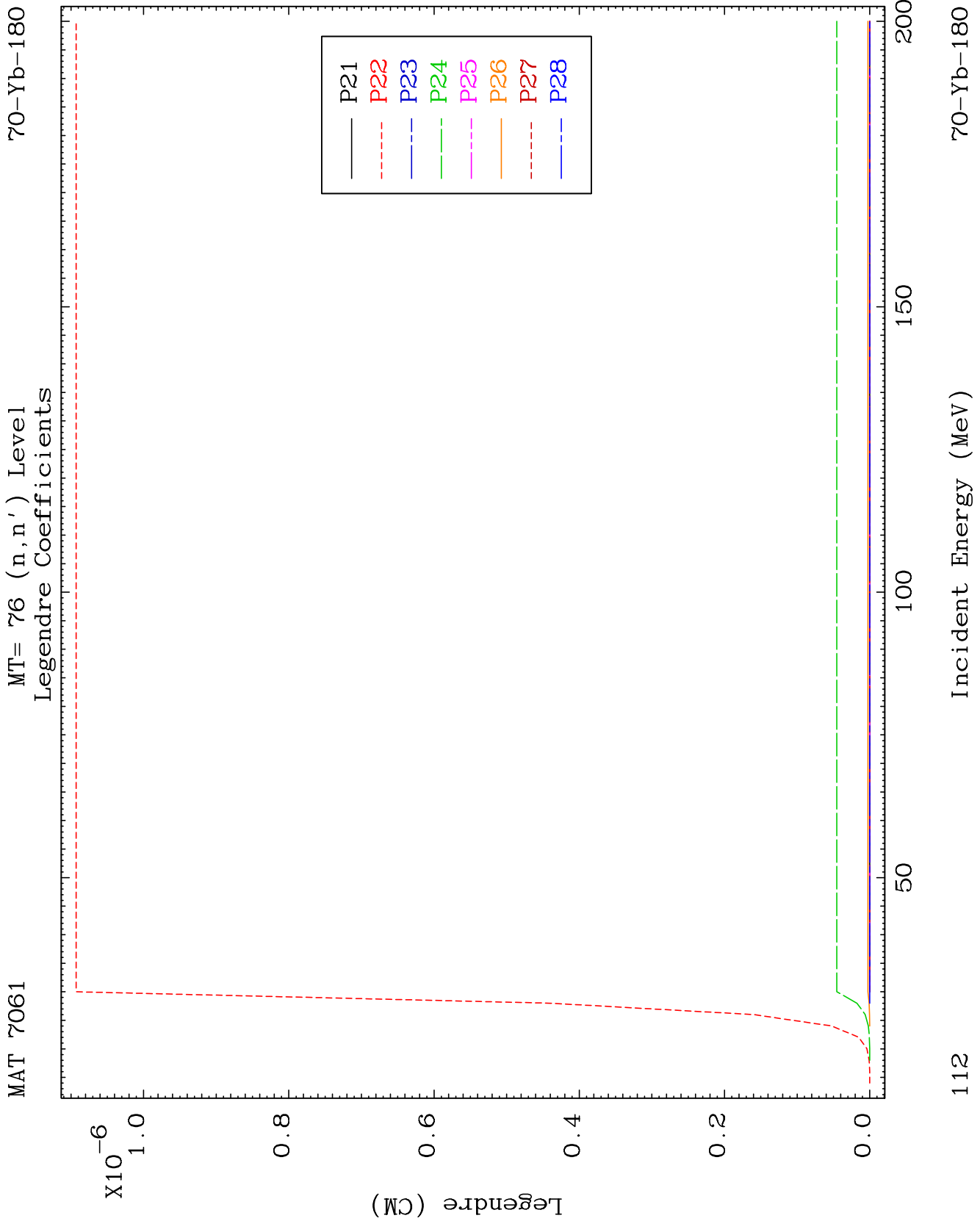
108

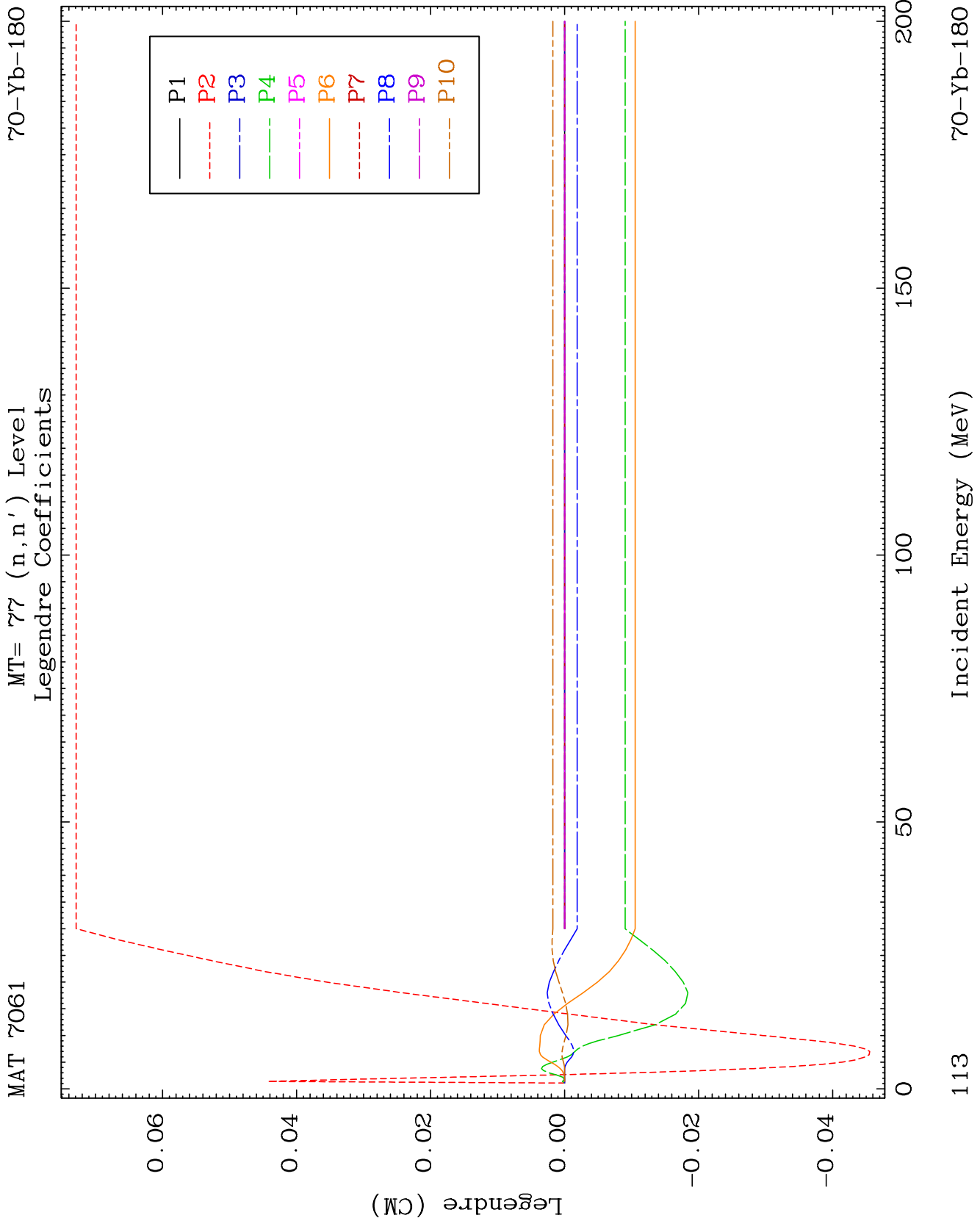
70-Yb-180







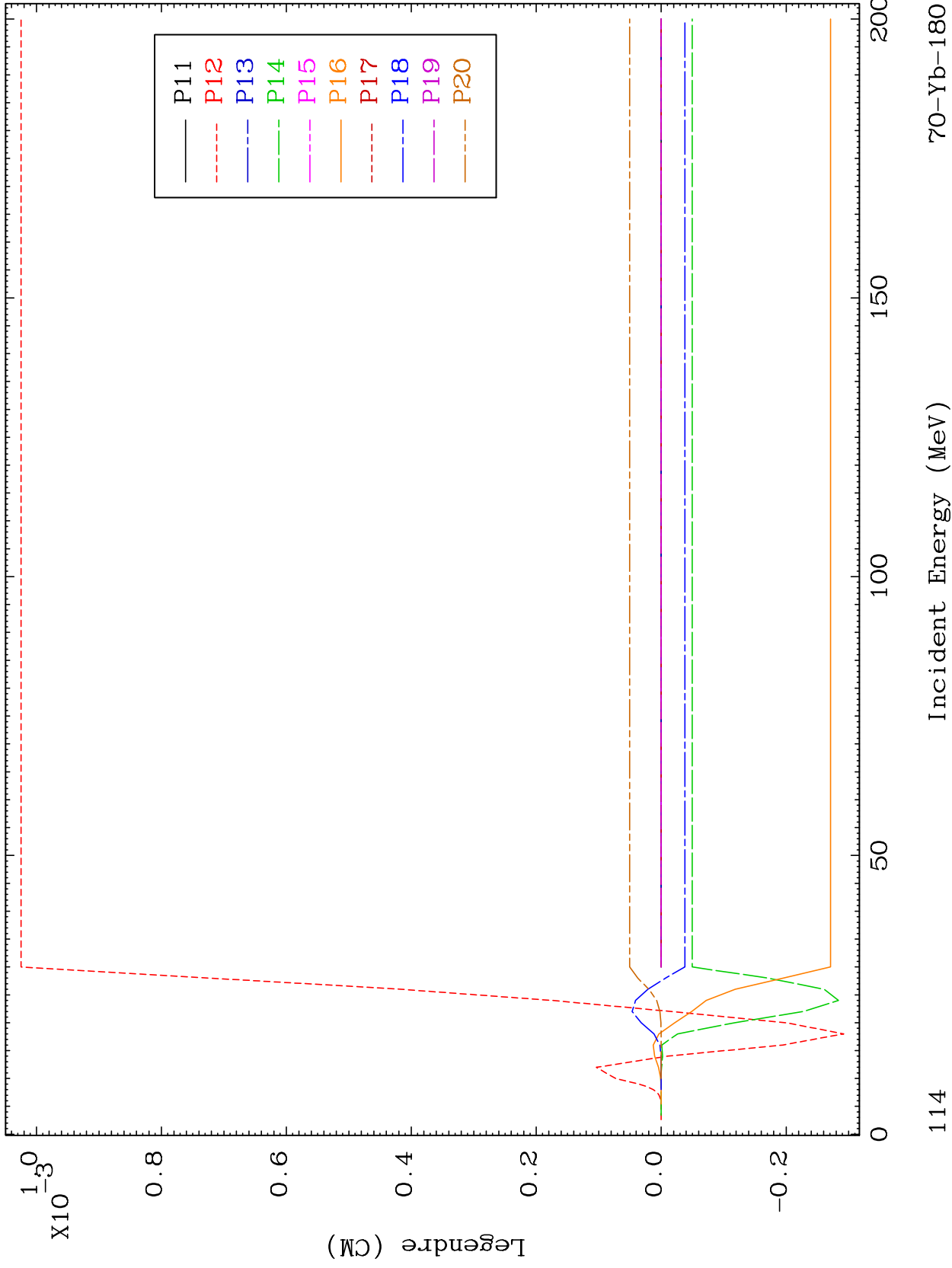




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MT= 77 (n,n') Level
Legendre Coefficients

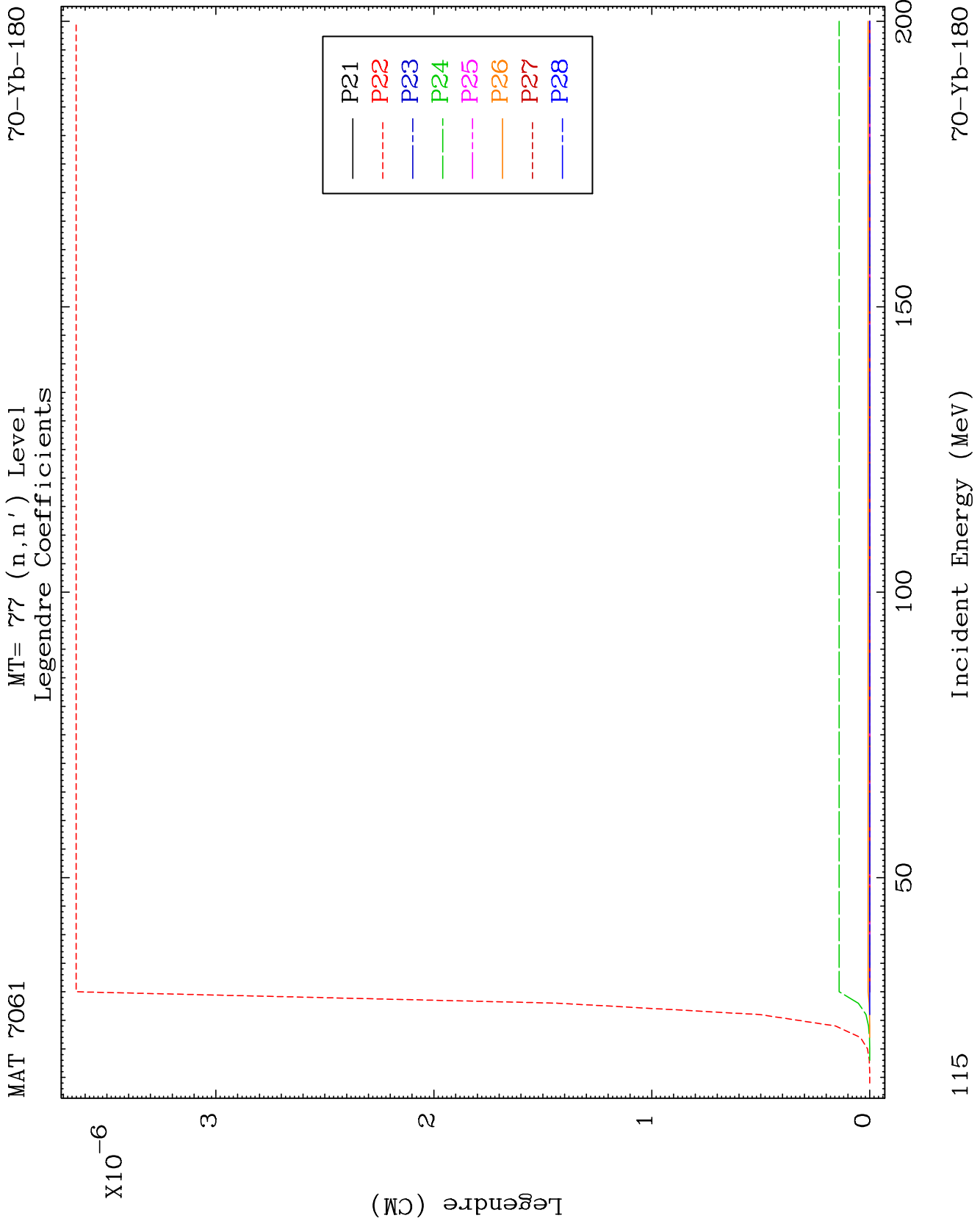
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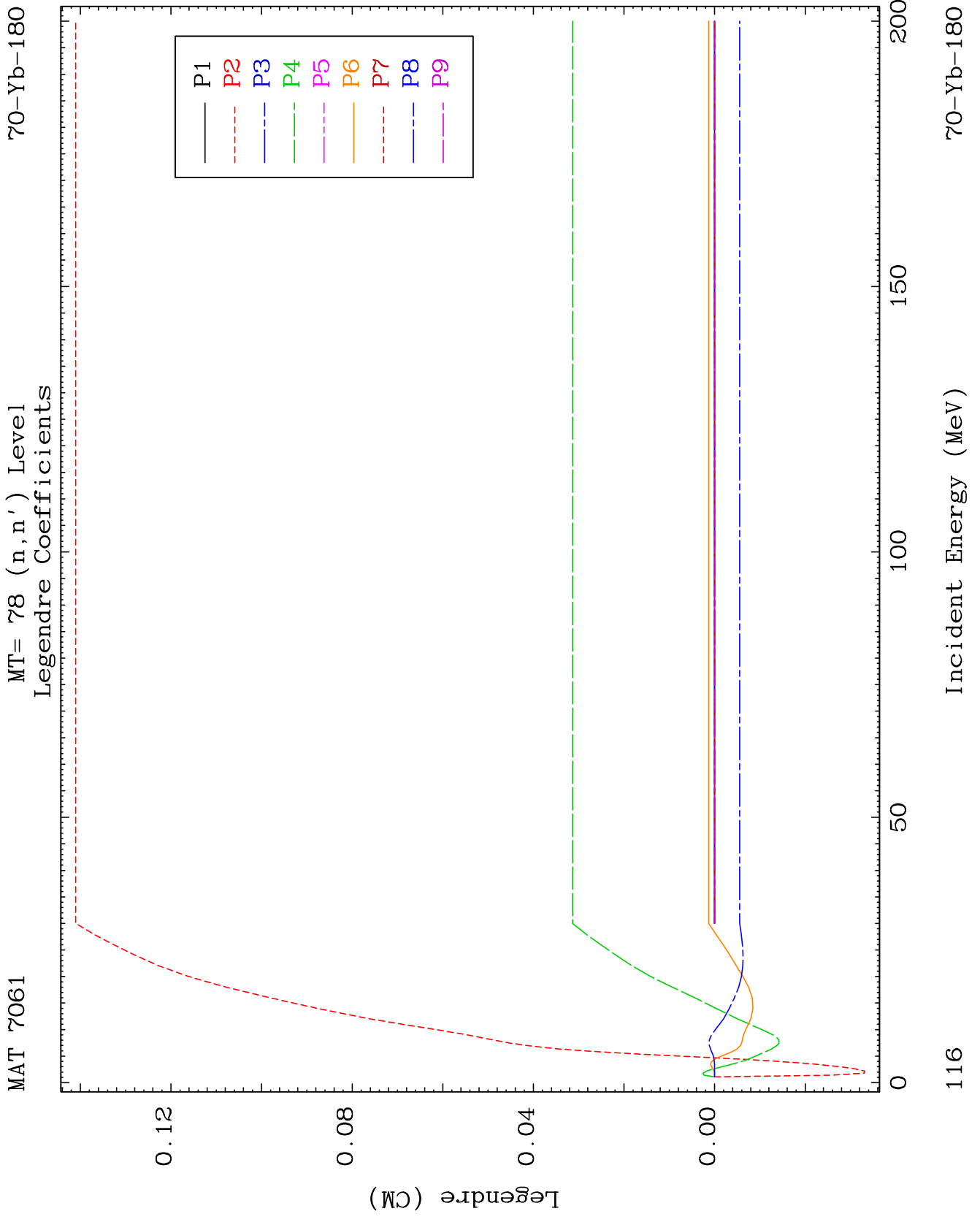


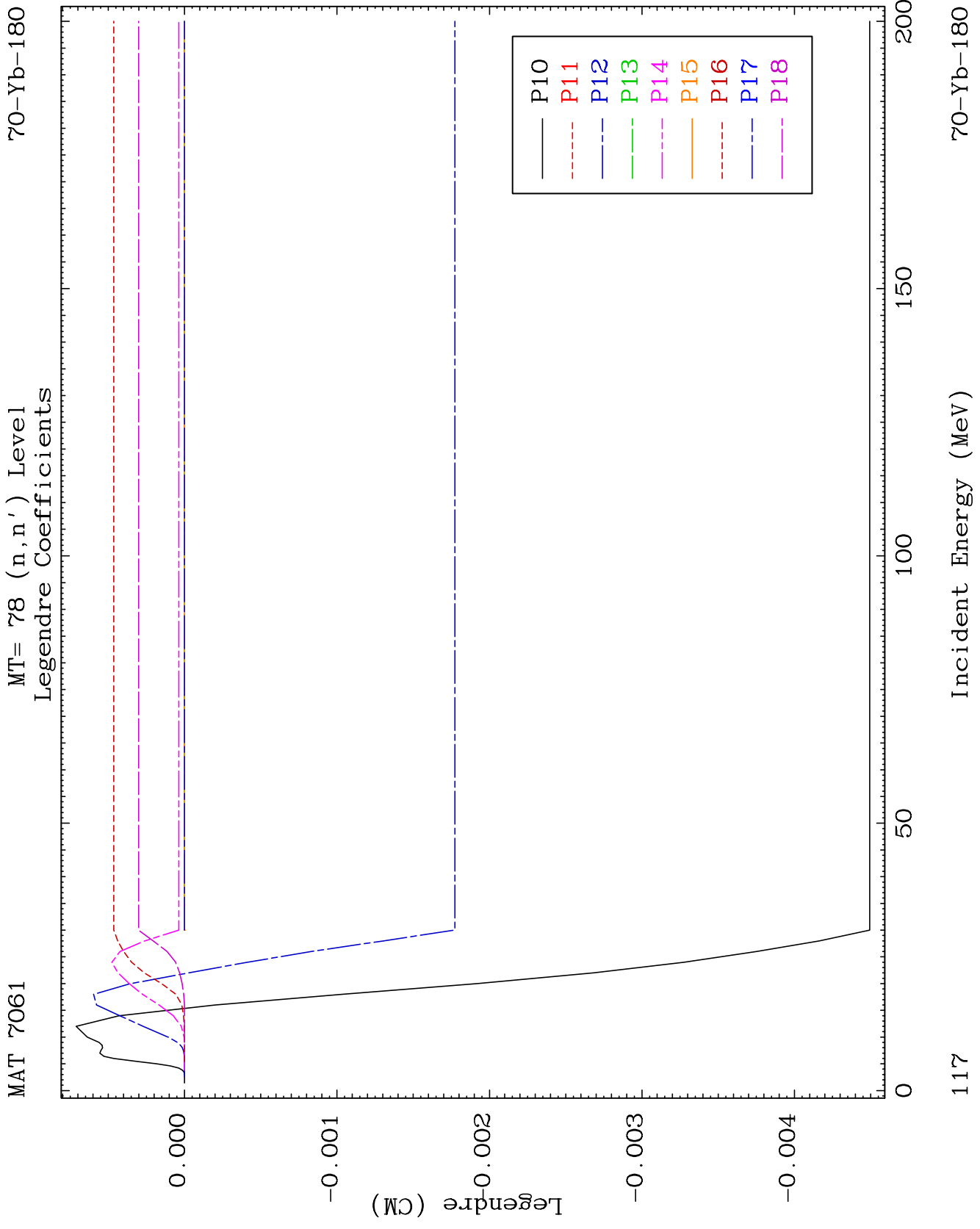
114

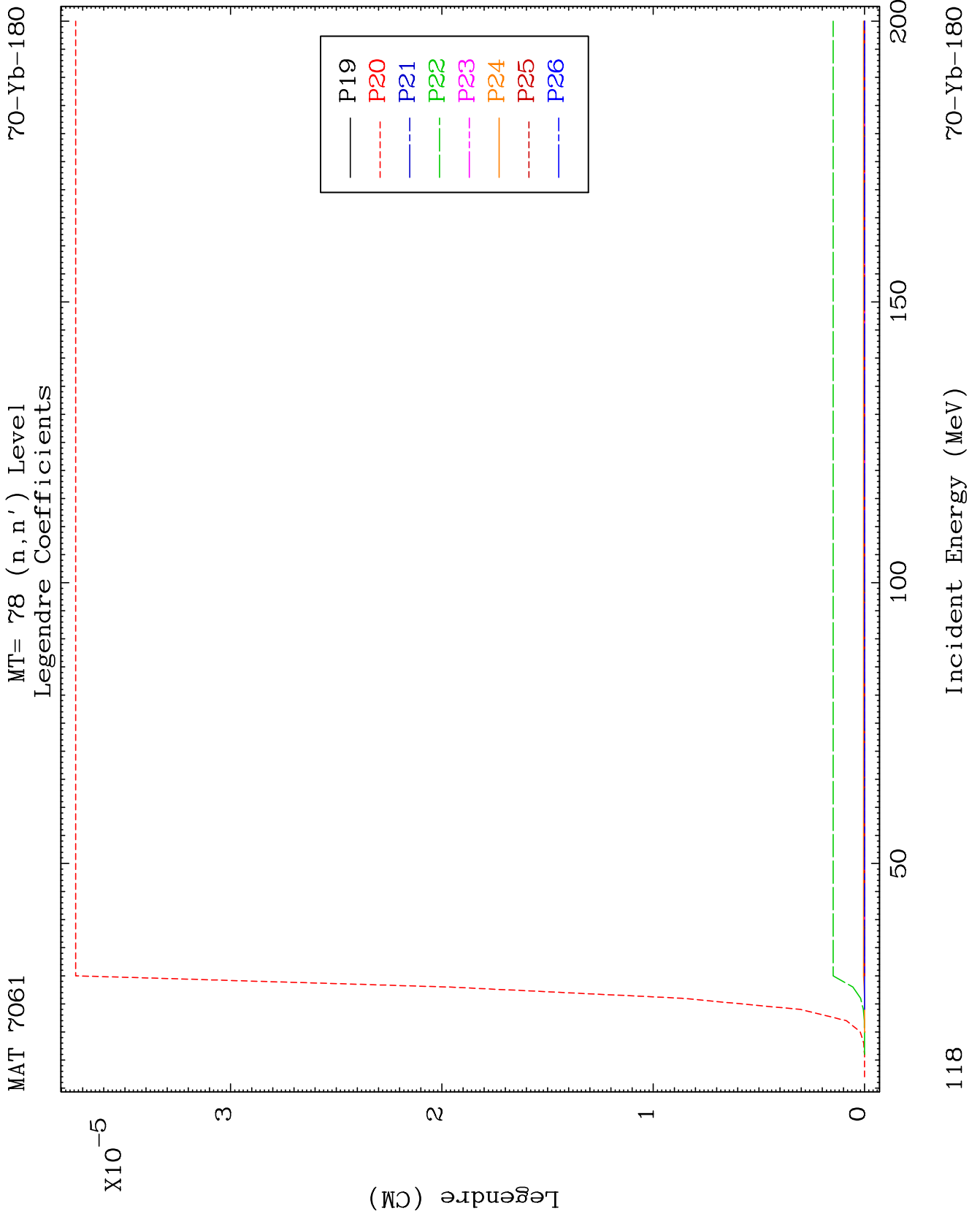
Incident Energy (MeV)

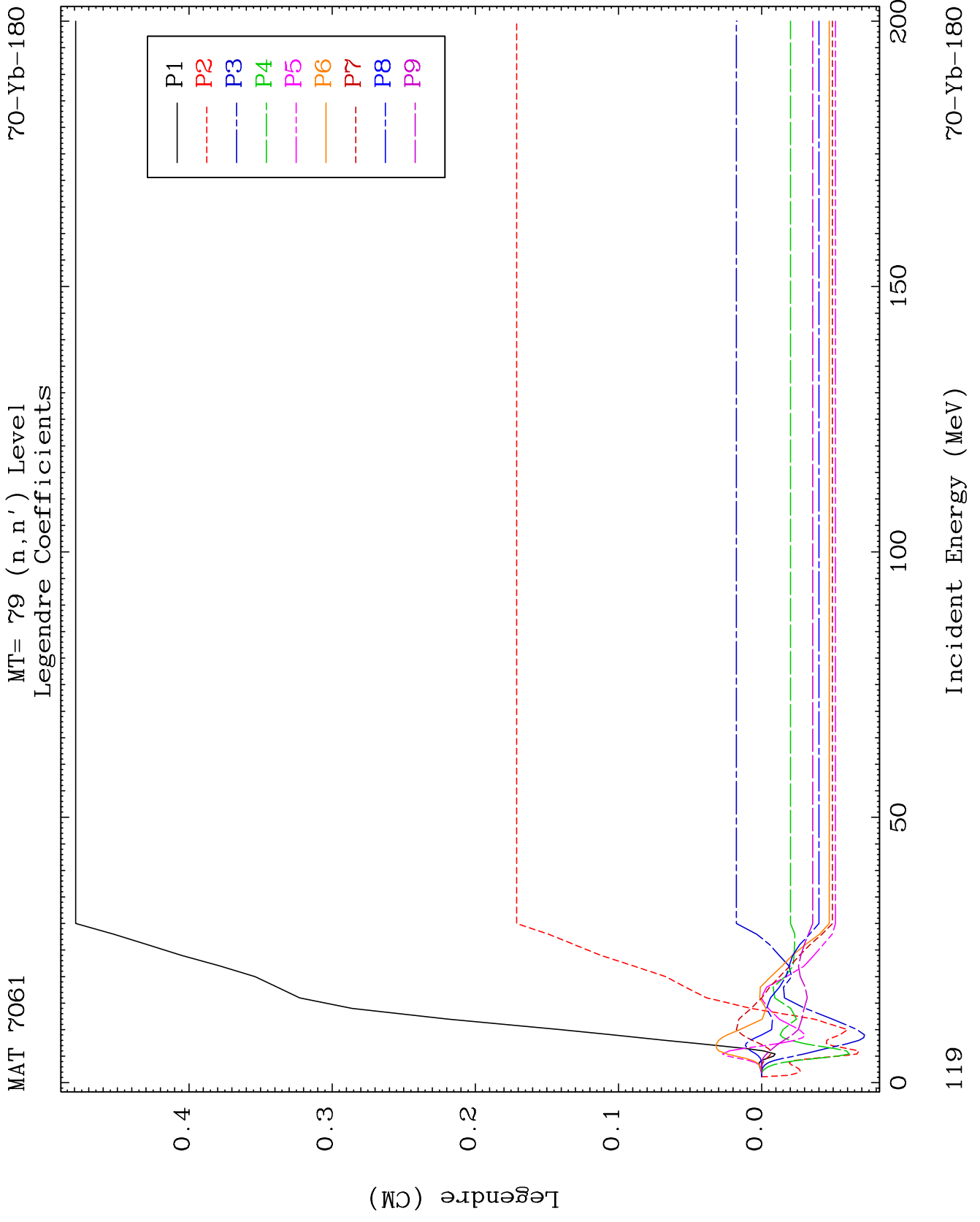
70-Yb-180

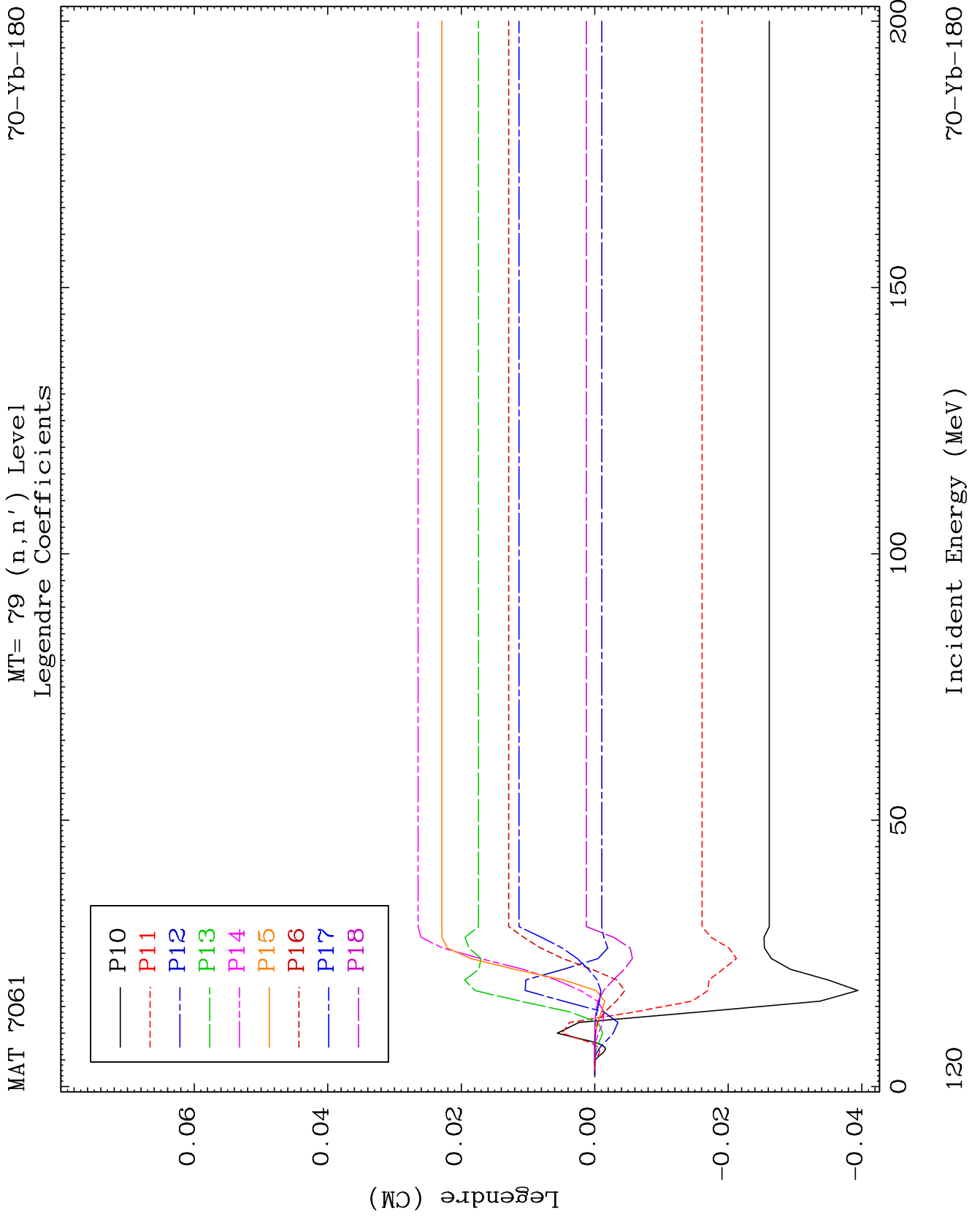


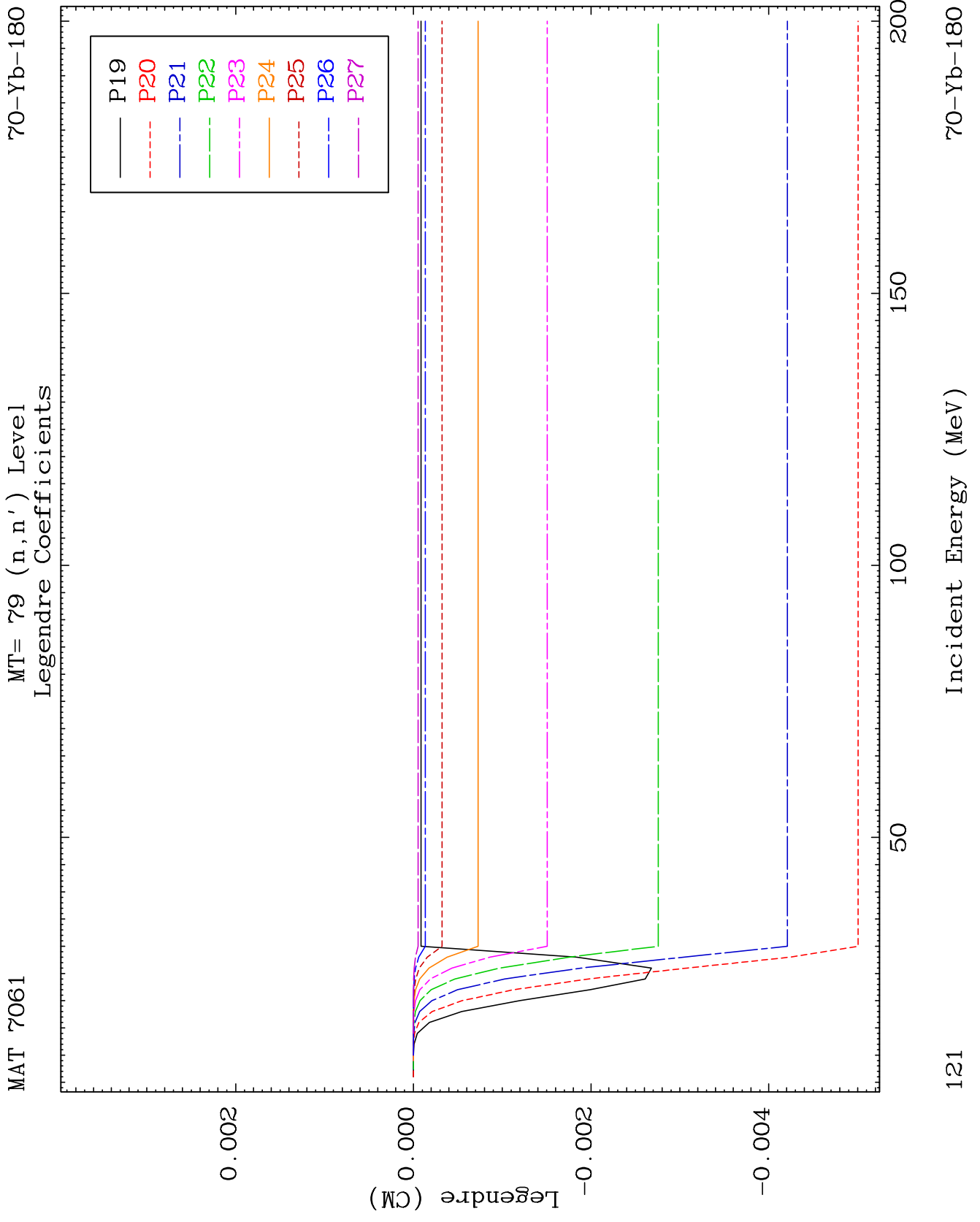


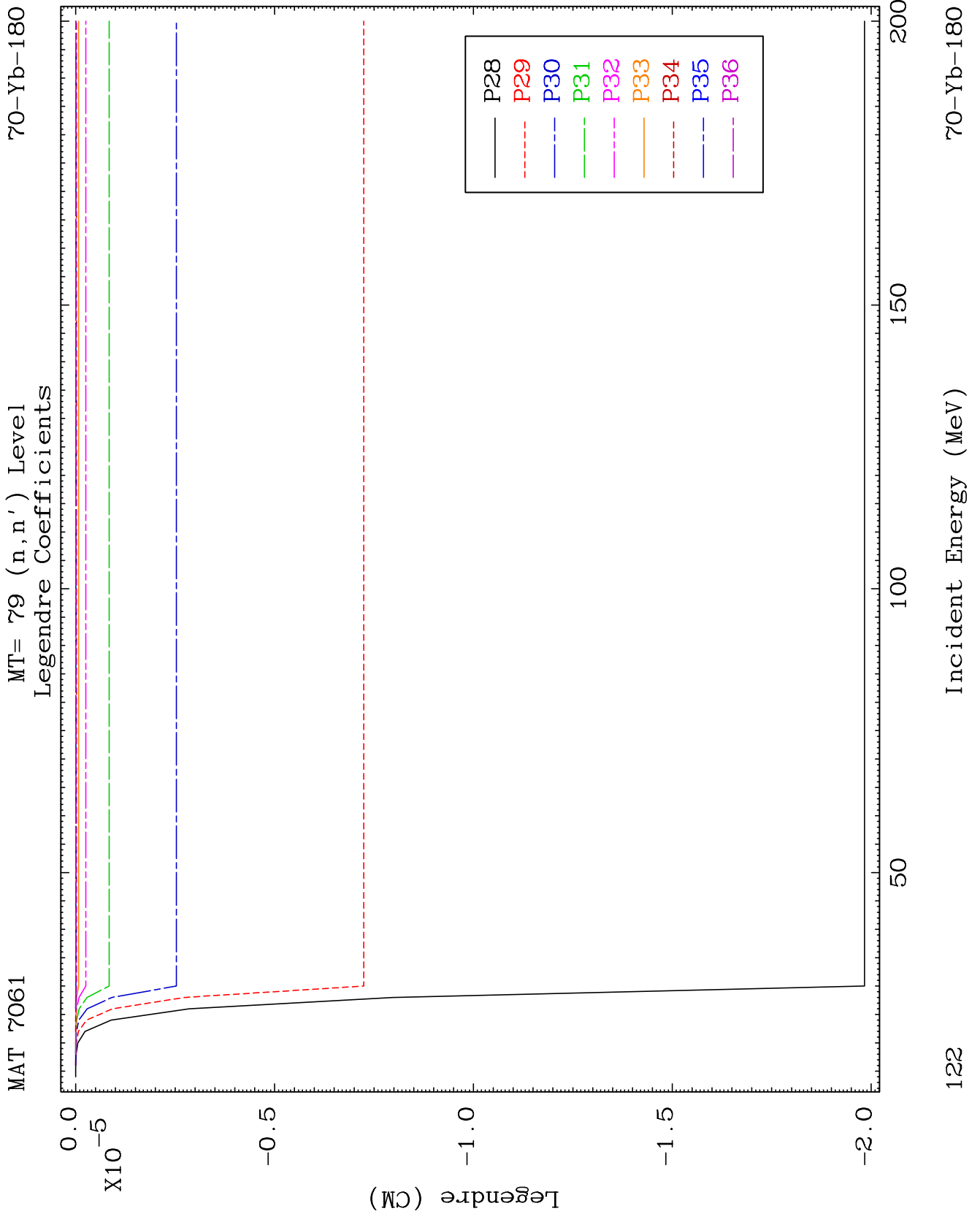




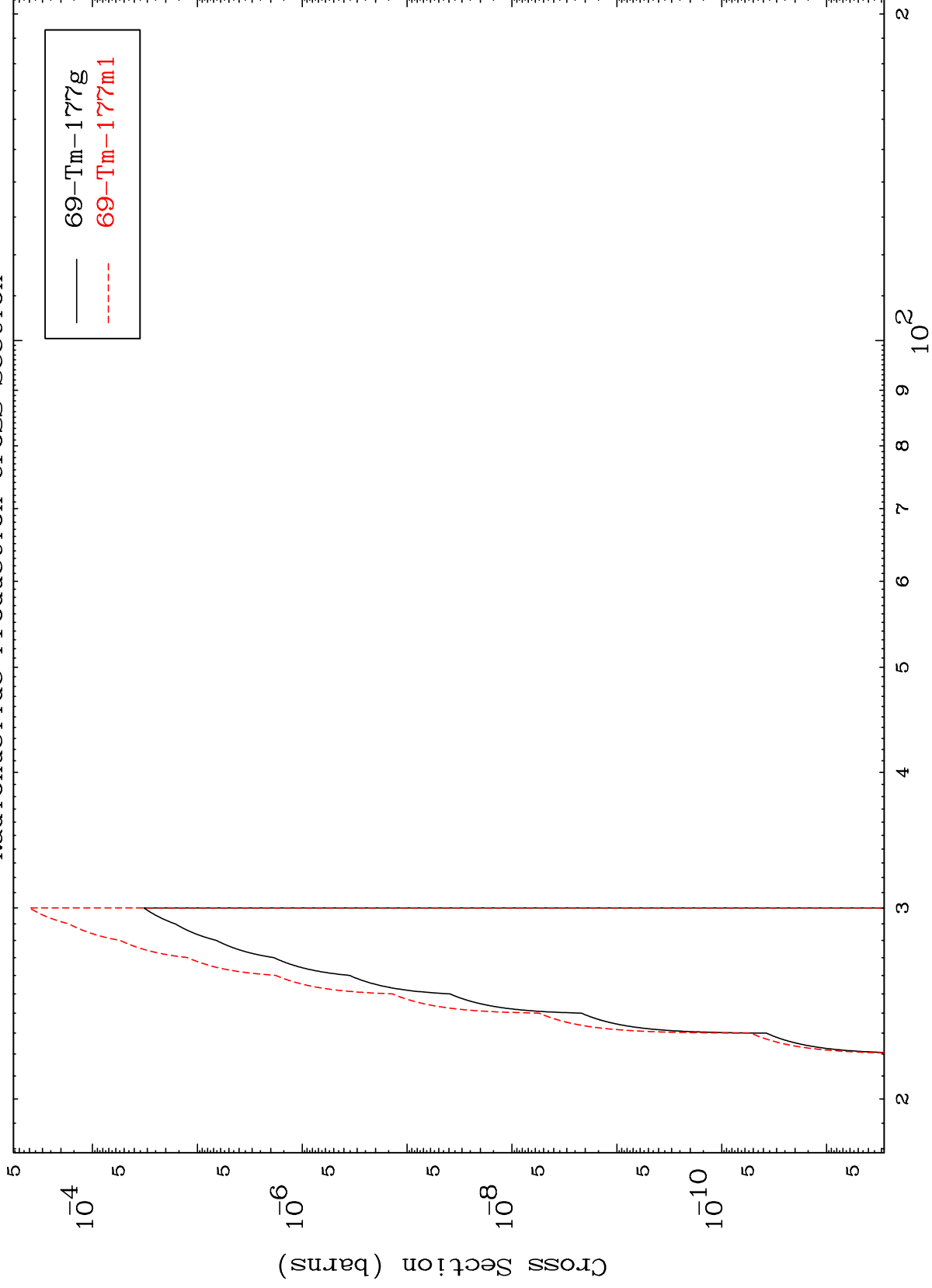








Radionuclide Production Cross Section

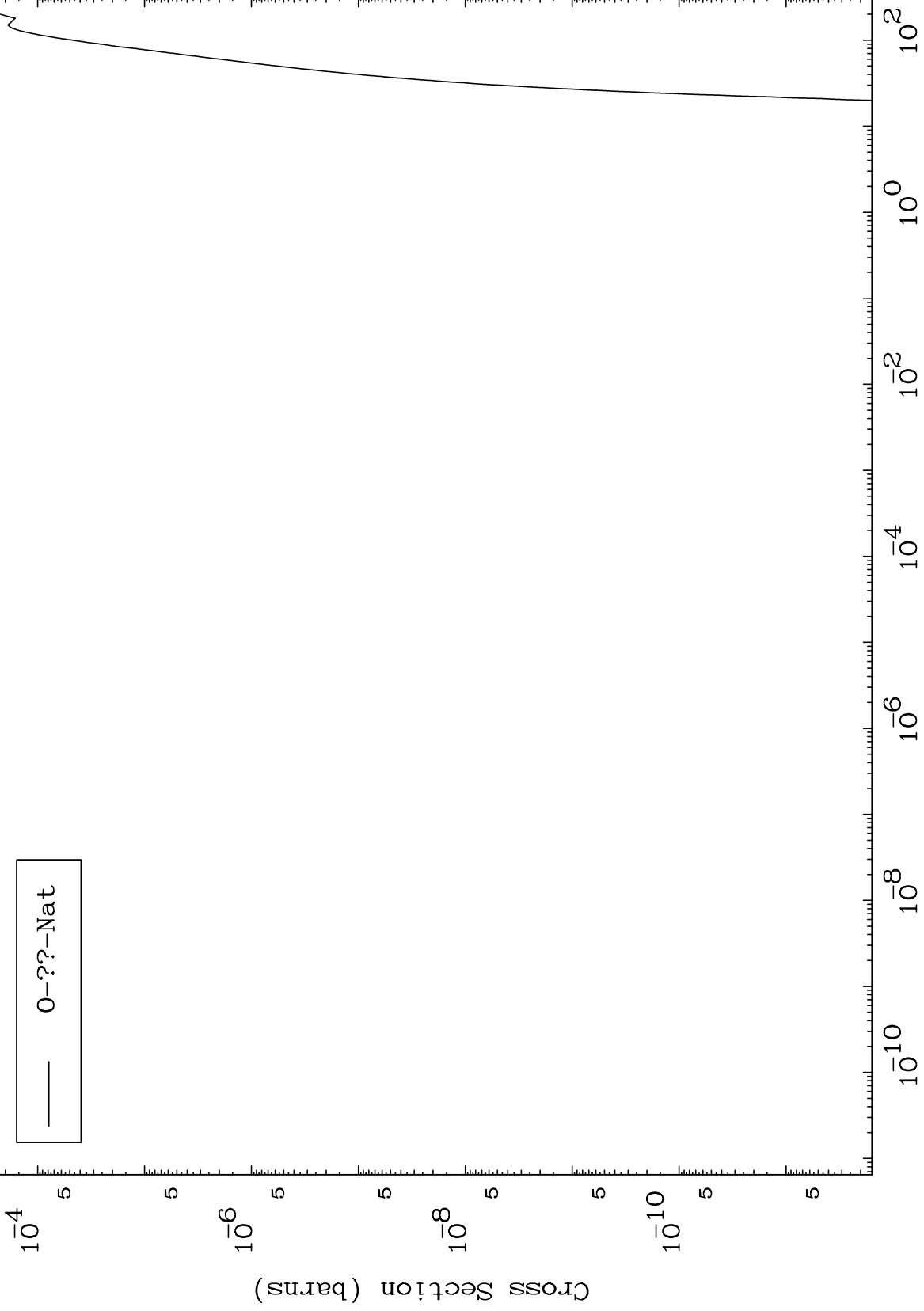


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Fission

70-Yb-180

Radionuclide Production Cross Section

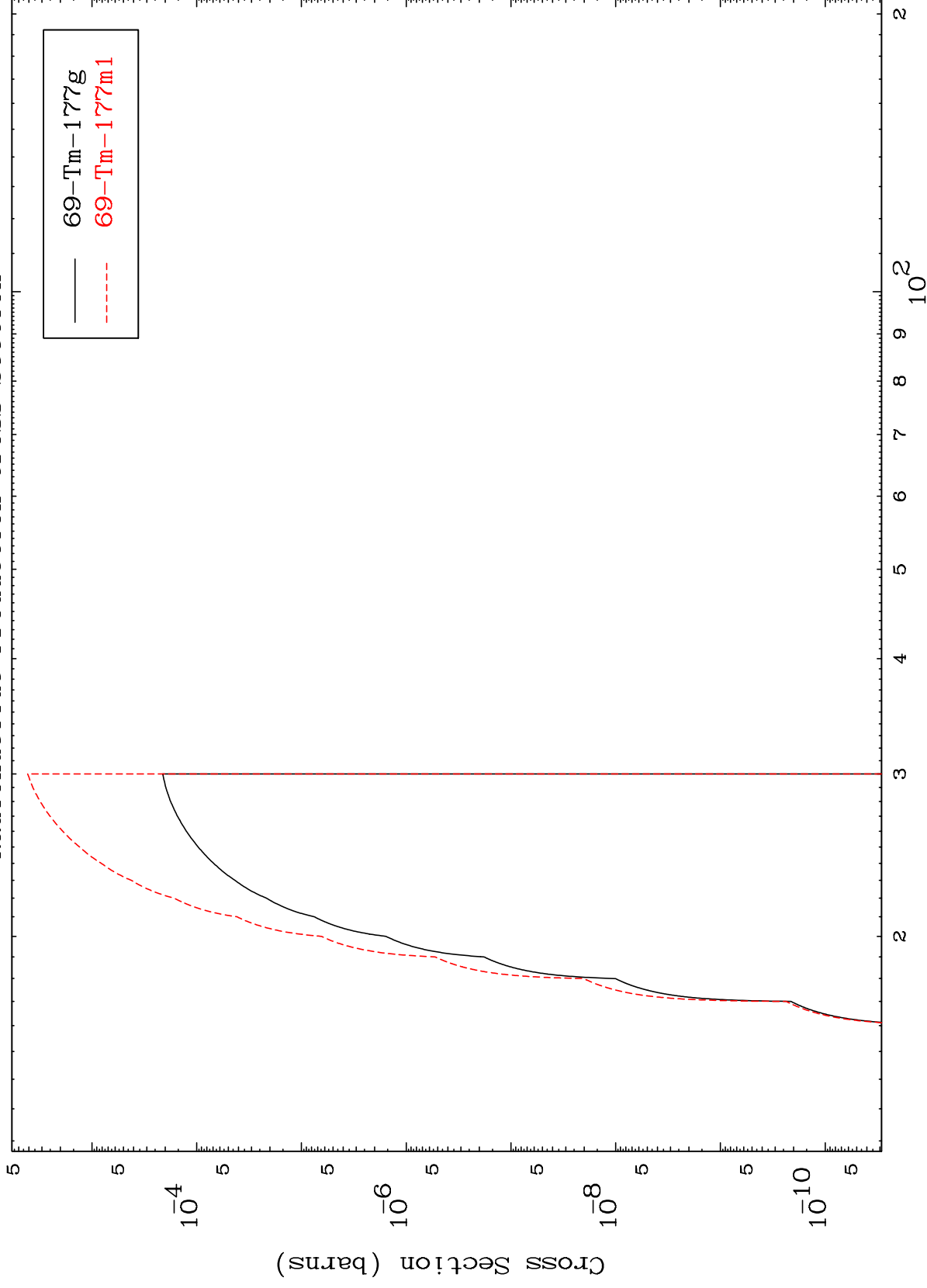


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(n,n') t

70-Yb-180

Radionuclide Production Cross Section



125

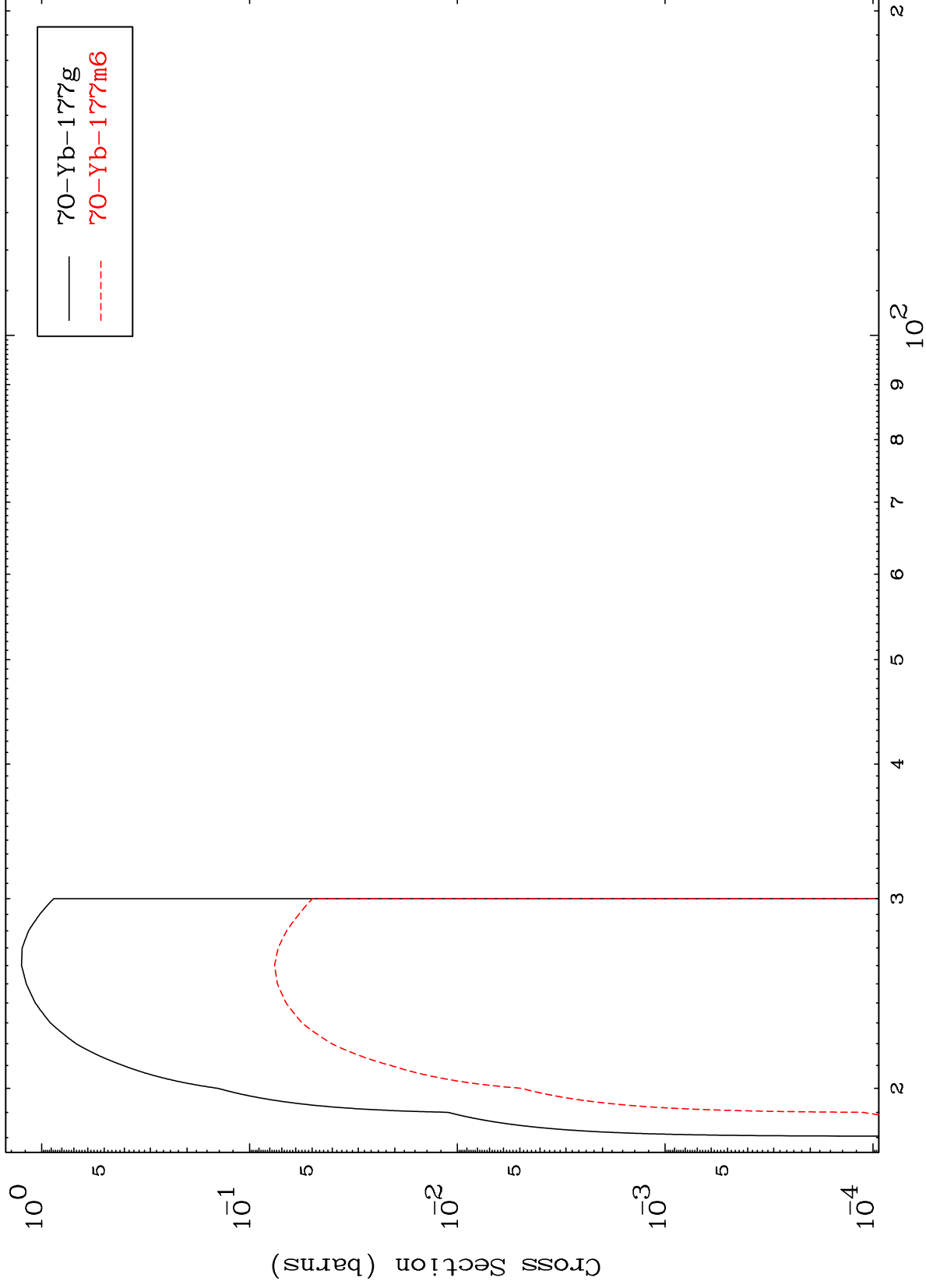
Incident Energy (MeV)

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70-Yb-180

(n,4n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

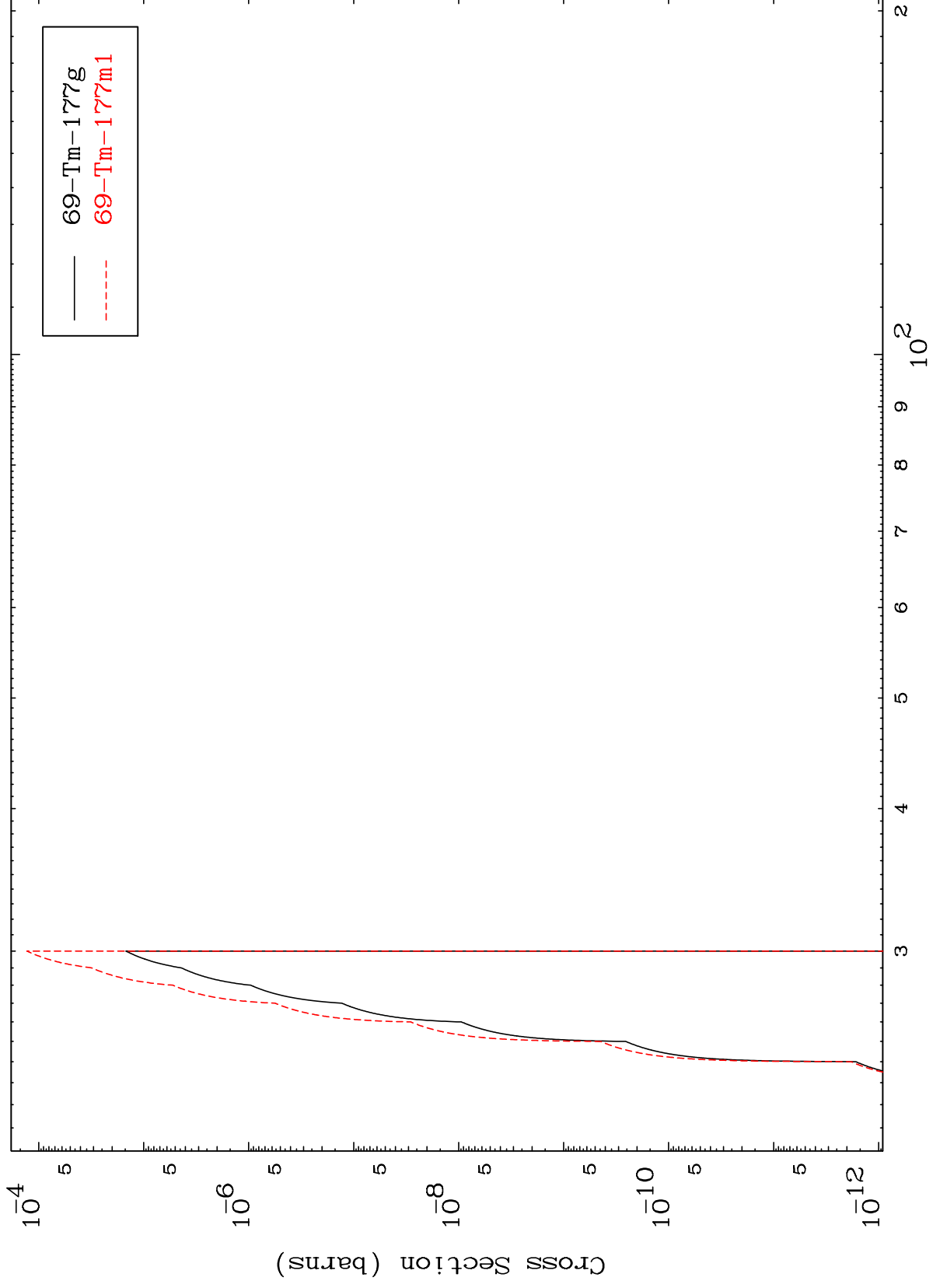
70-Yb-180

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(n,3n) p

70-Yb-180

Radionuclide Production Cross Section



127

Incident Energy (MeV)

70-Yb-180