

Program EVALPLOT
(Version 2021-1)

by

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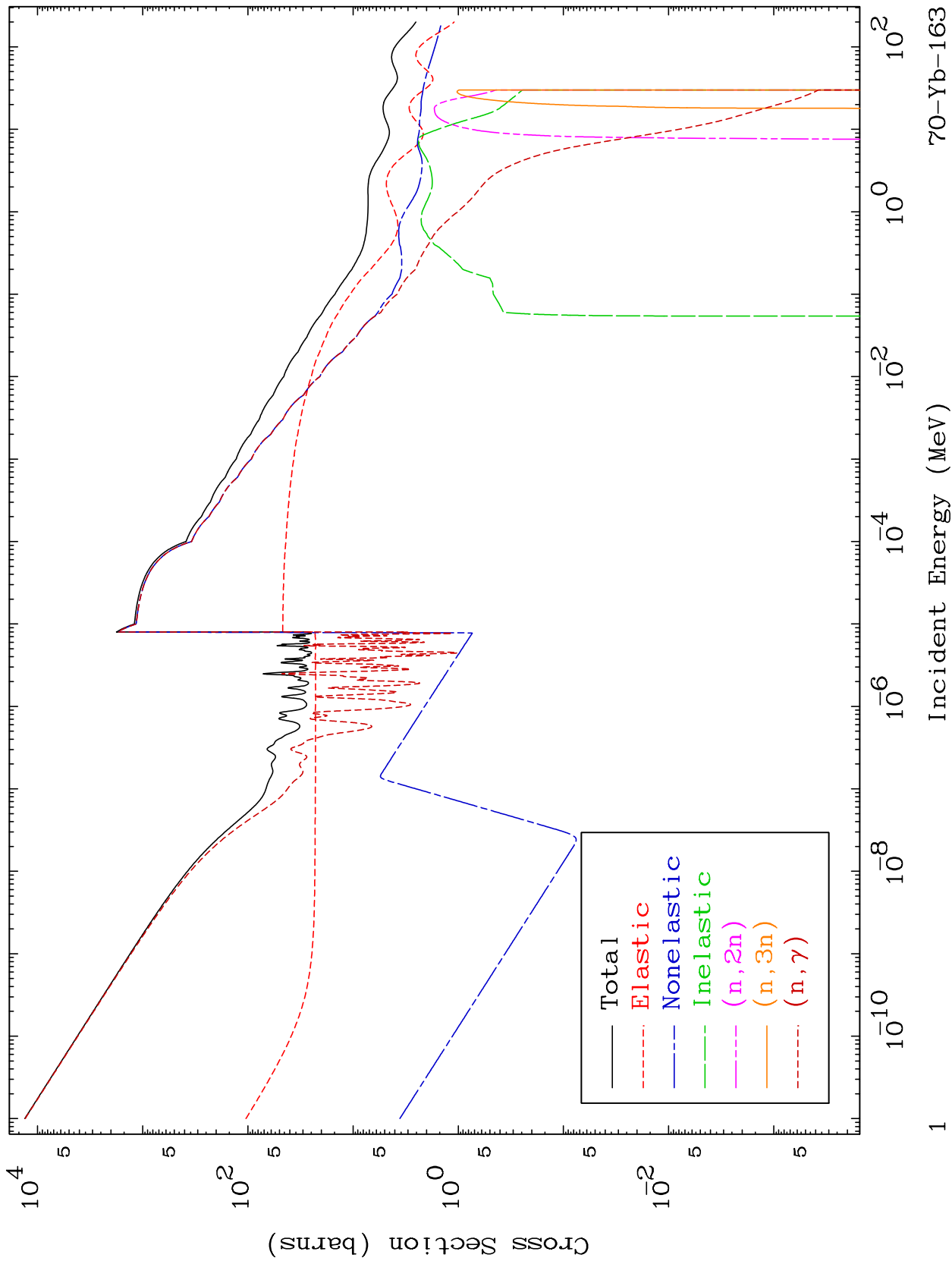
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Press Mouse Button to Start

MAT 7010

Neutron Major
293 Kelvin Cross Sections

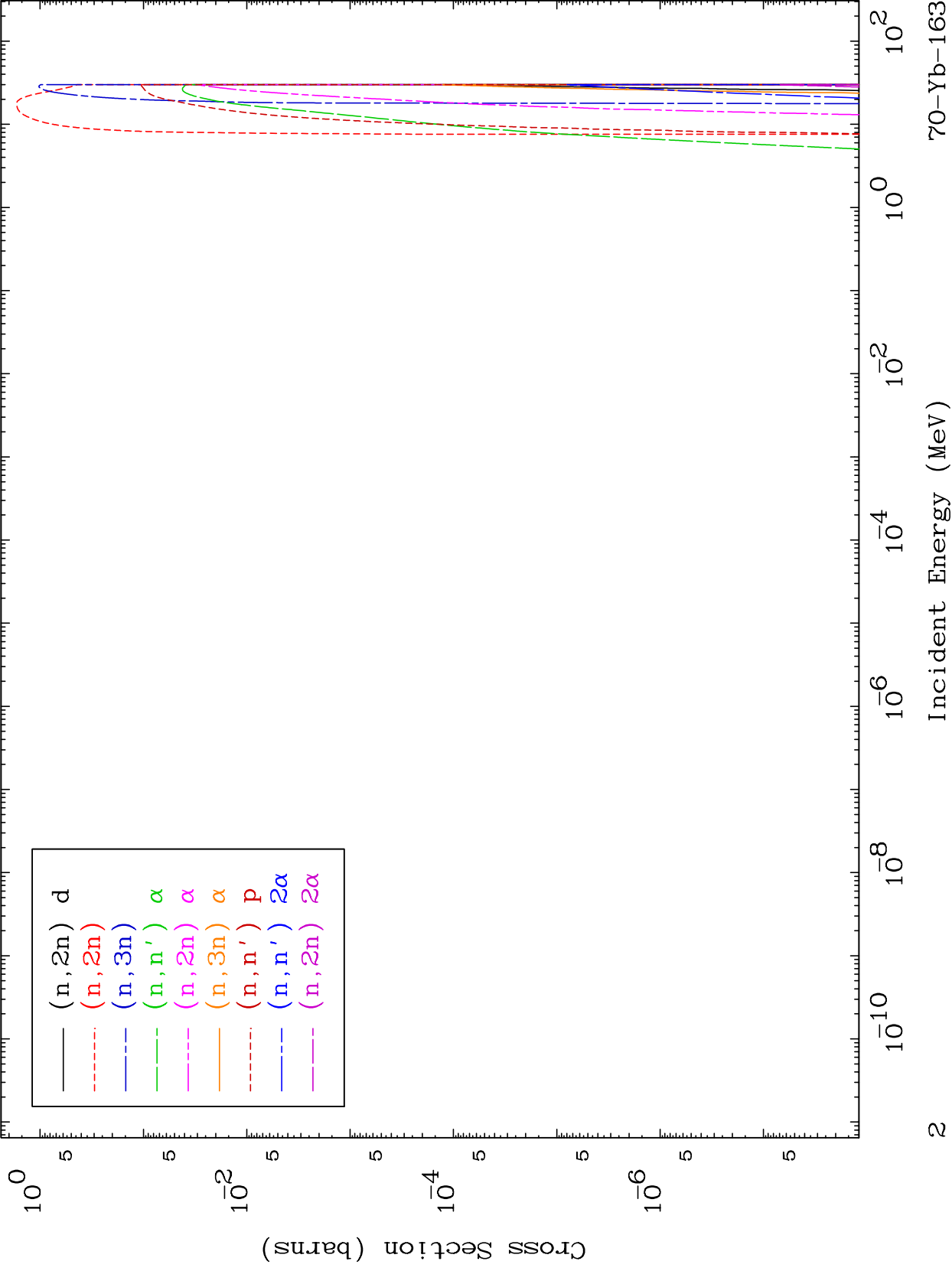
70-Yb-163



MAT 7010

Neutron Absorption
293 Kelvin Cross Sections

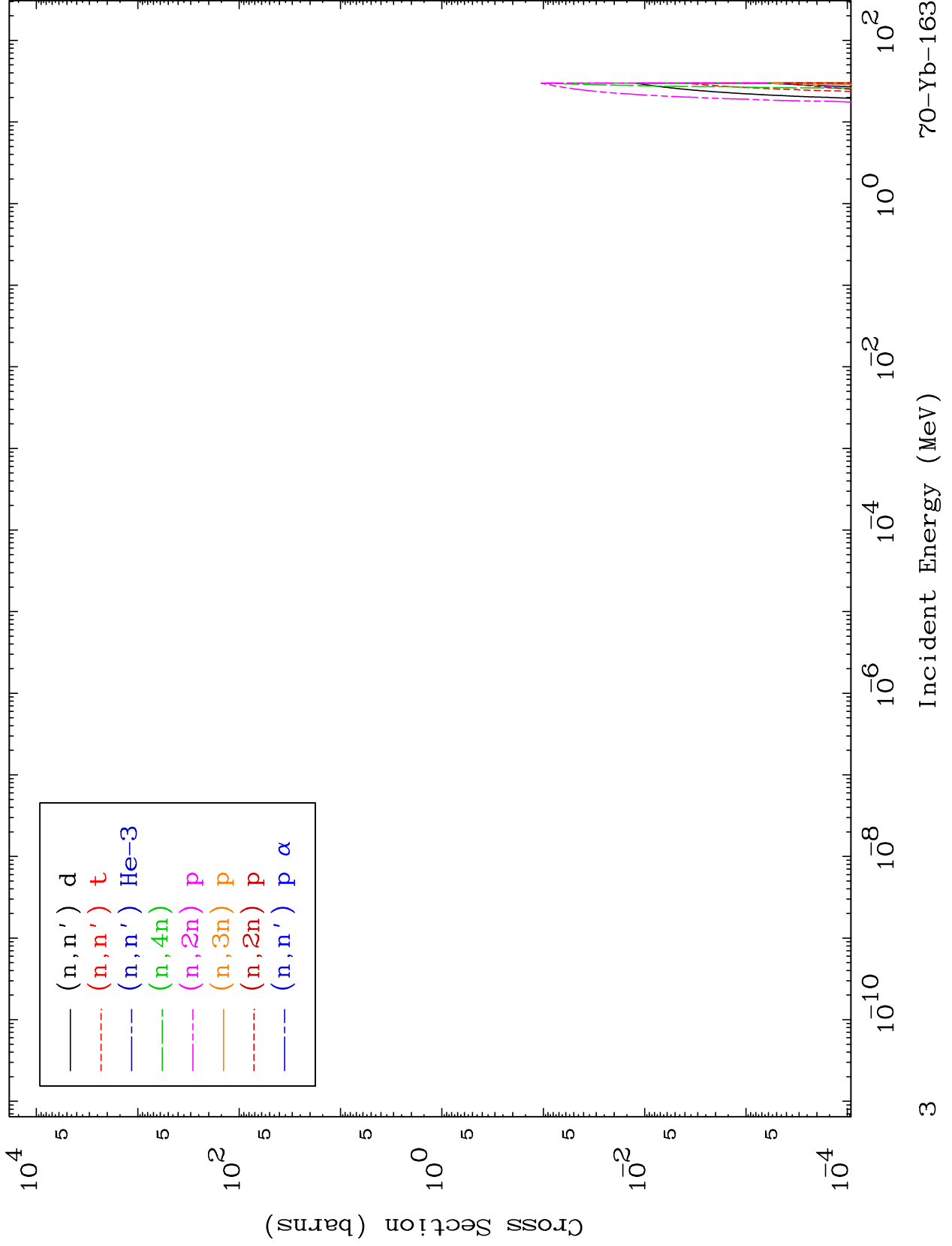
70-Yb-163

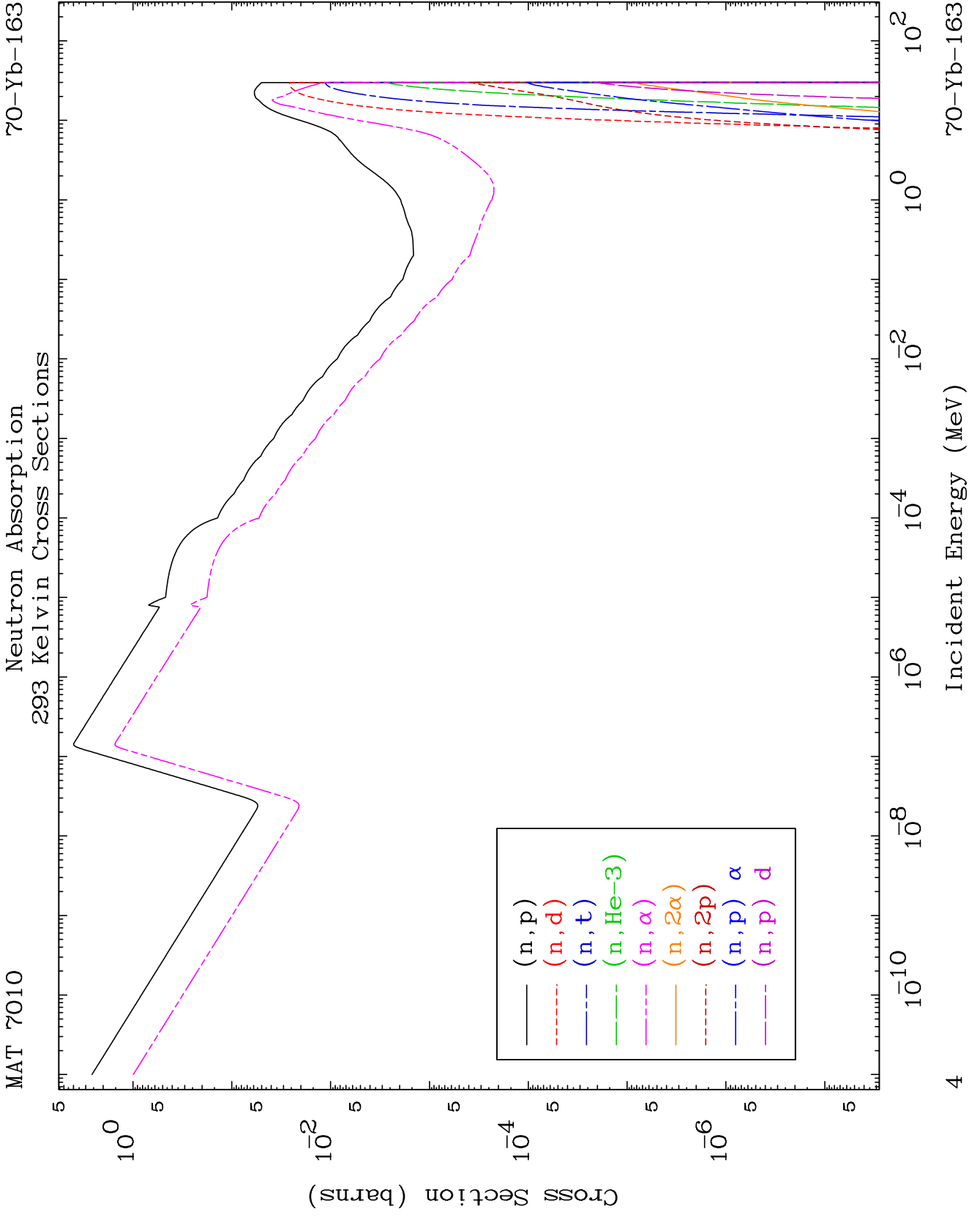


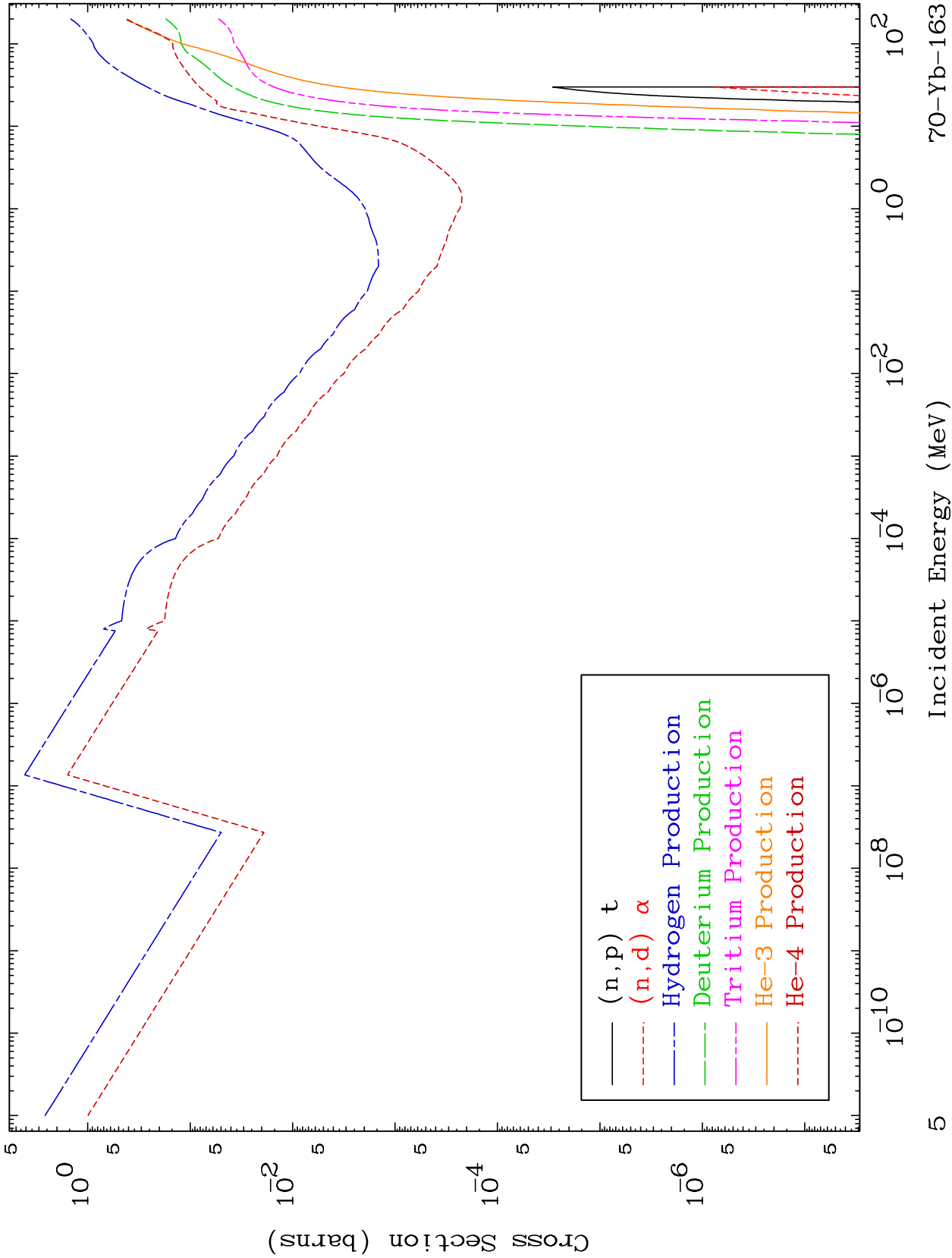
MAT 7010

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-163



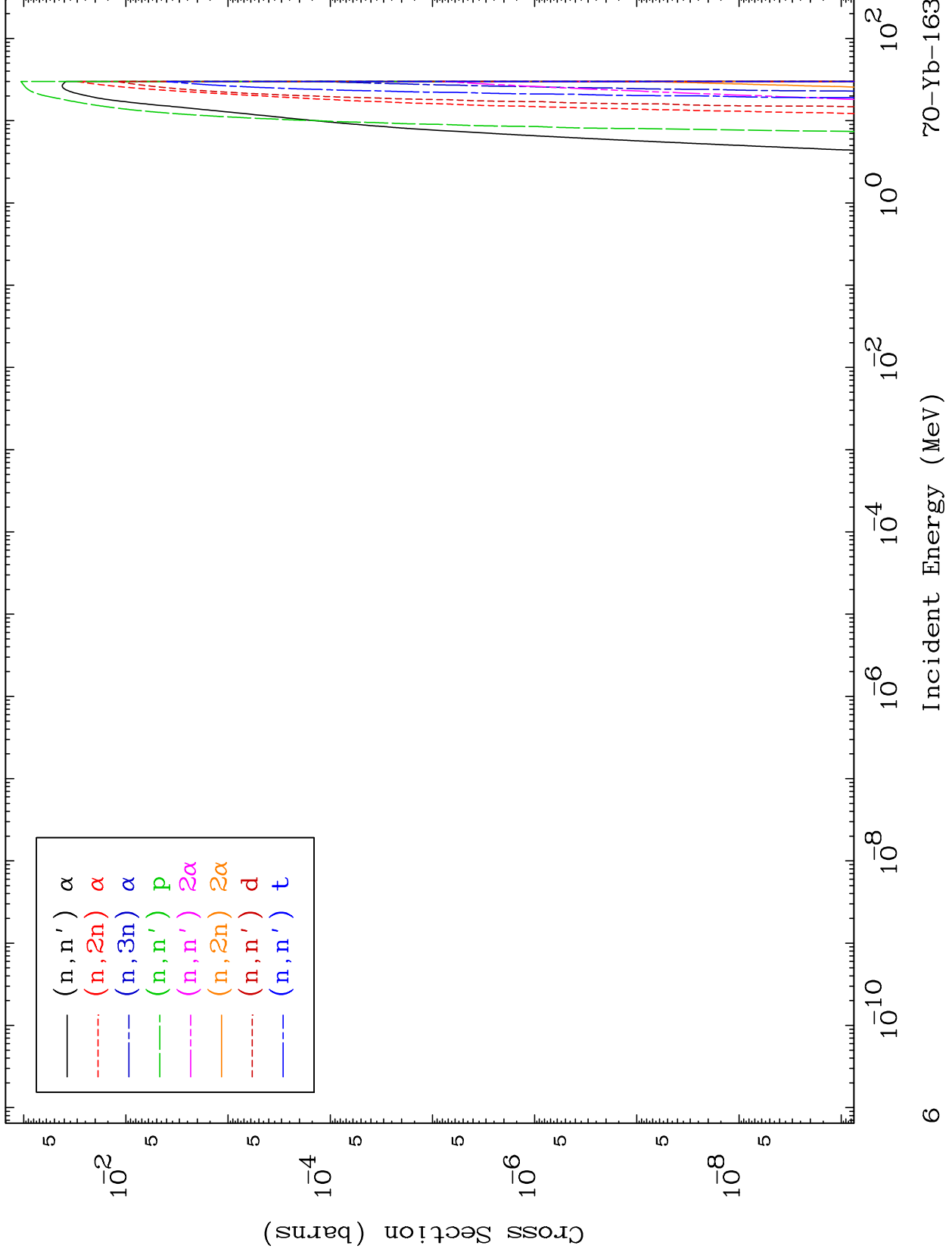


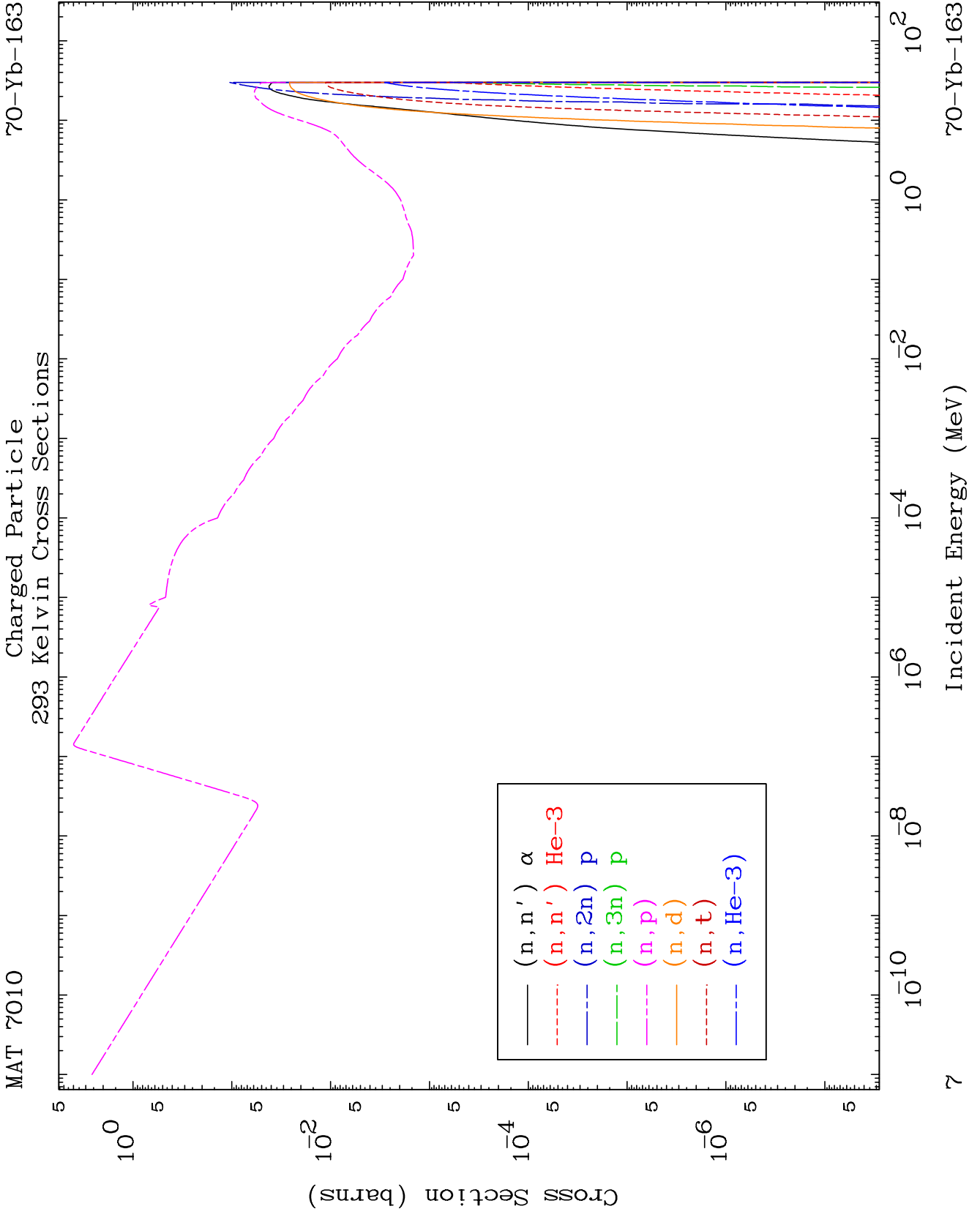


MAT 7010

Charged Particle
293 Kelvin Cross Sections

70-Yb-163

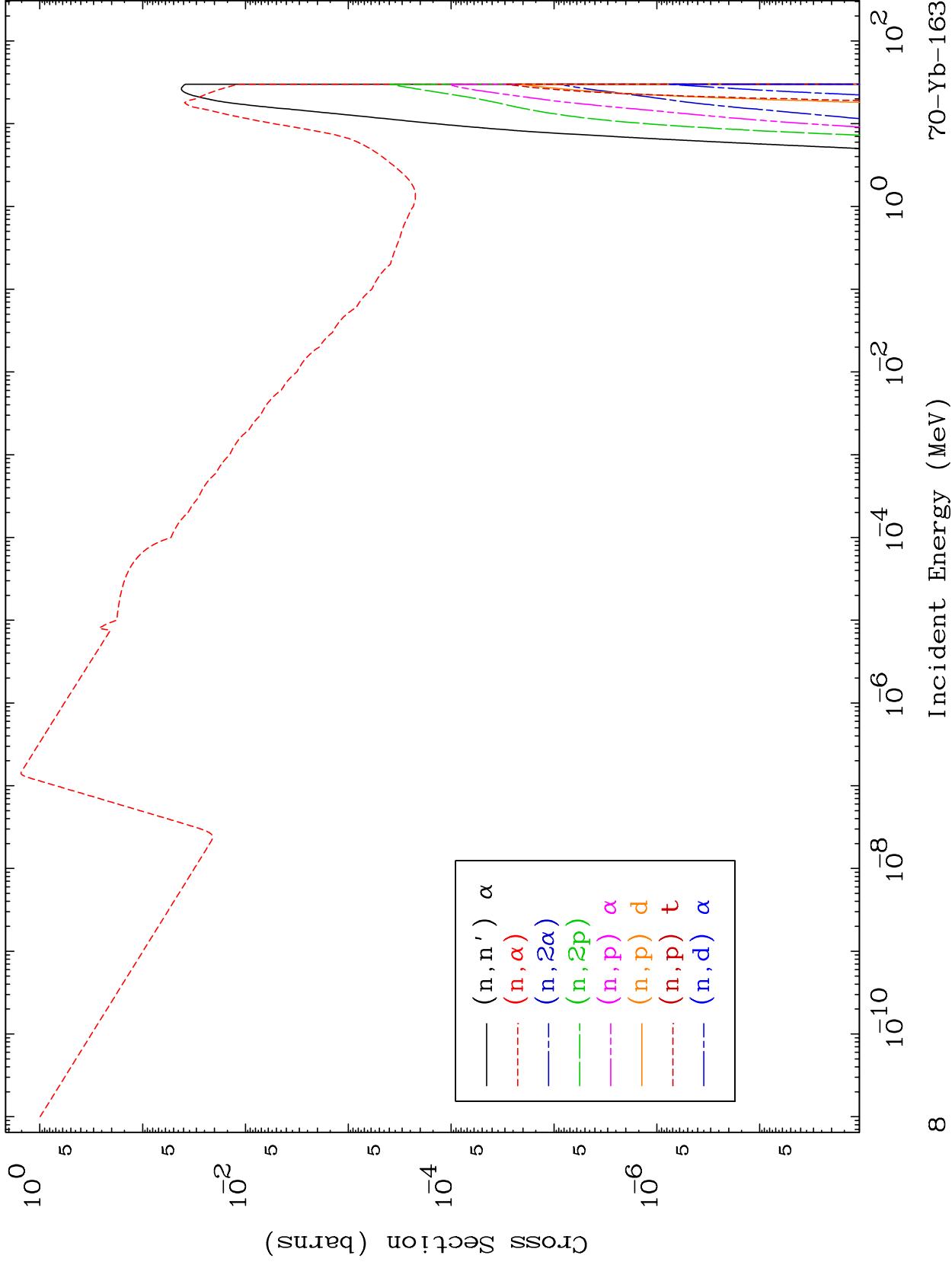




MAT 7010

Charged Particle
293 Kelvin Cross Sections

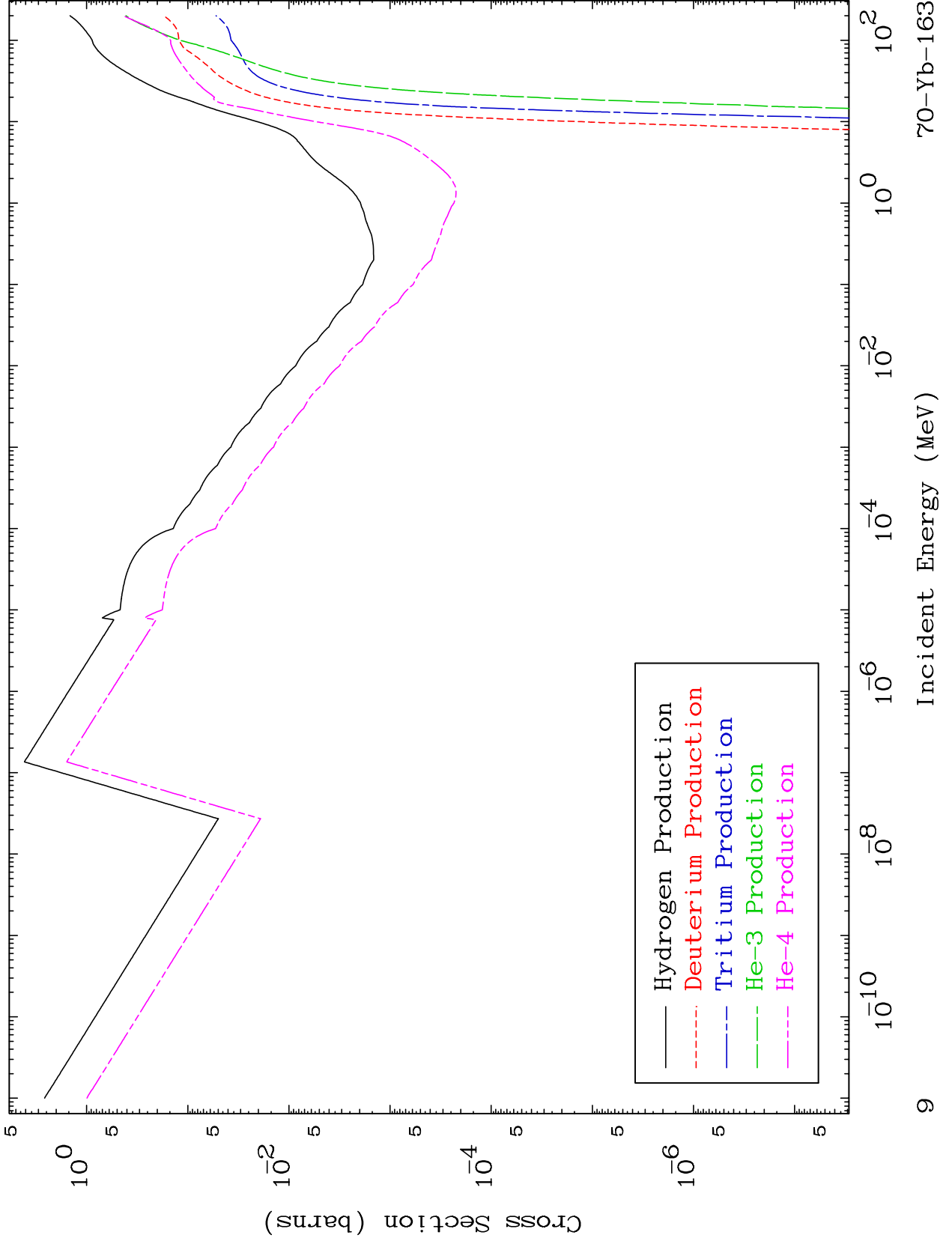
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MAT 7010

Particle Production
293 Kelvin Cross Sections

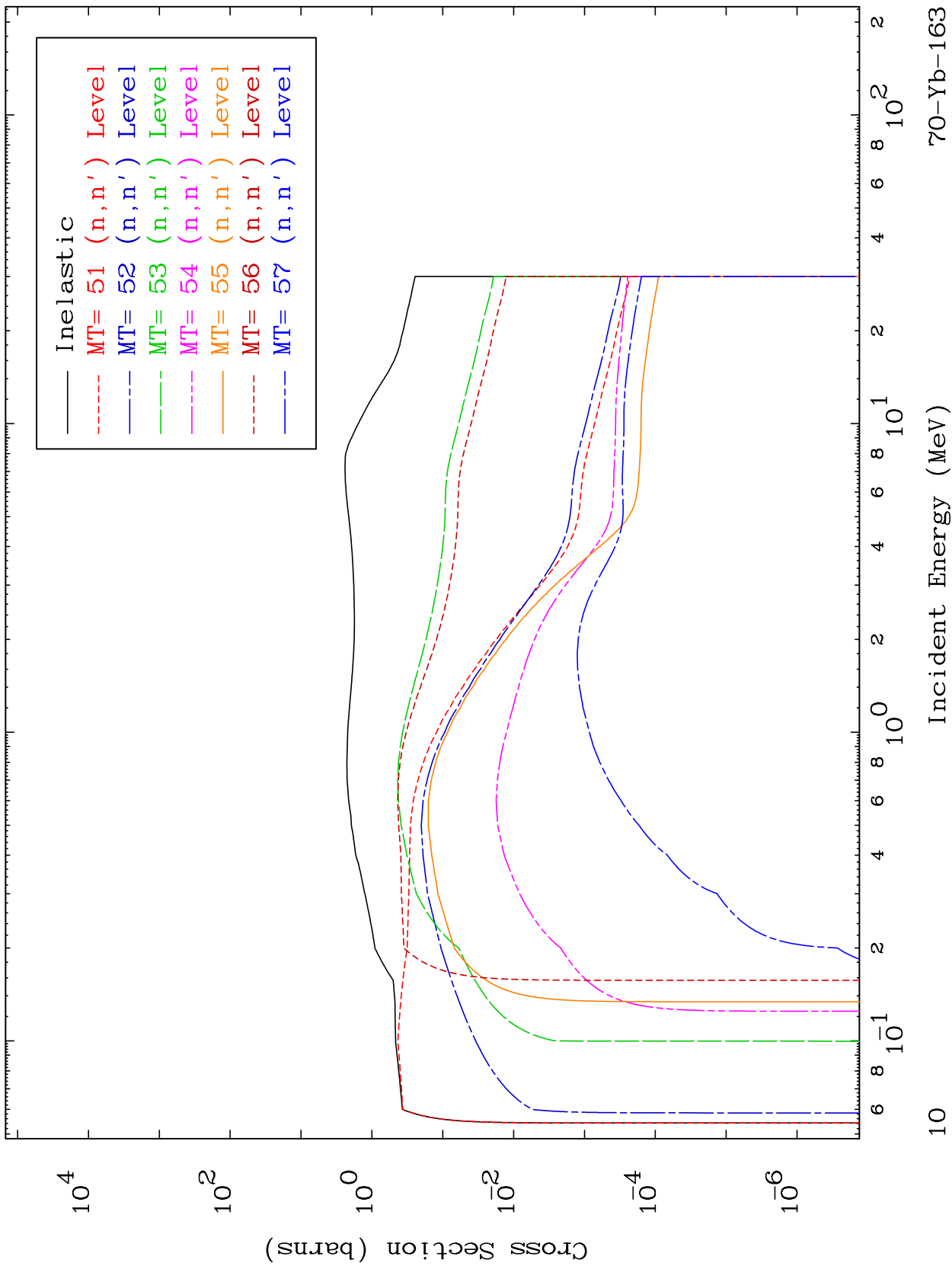
70-Yb-163



MAT 7010

(n,n') Levels
293 Kelvin Cross Sections

70-Yb-163



10

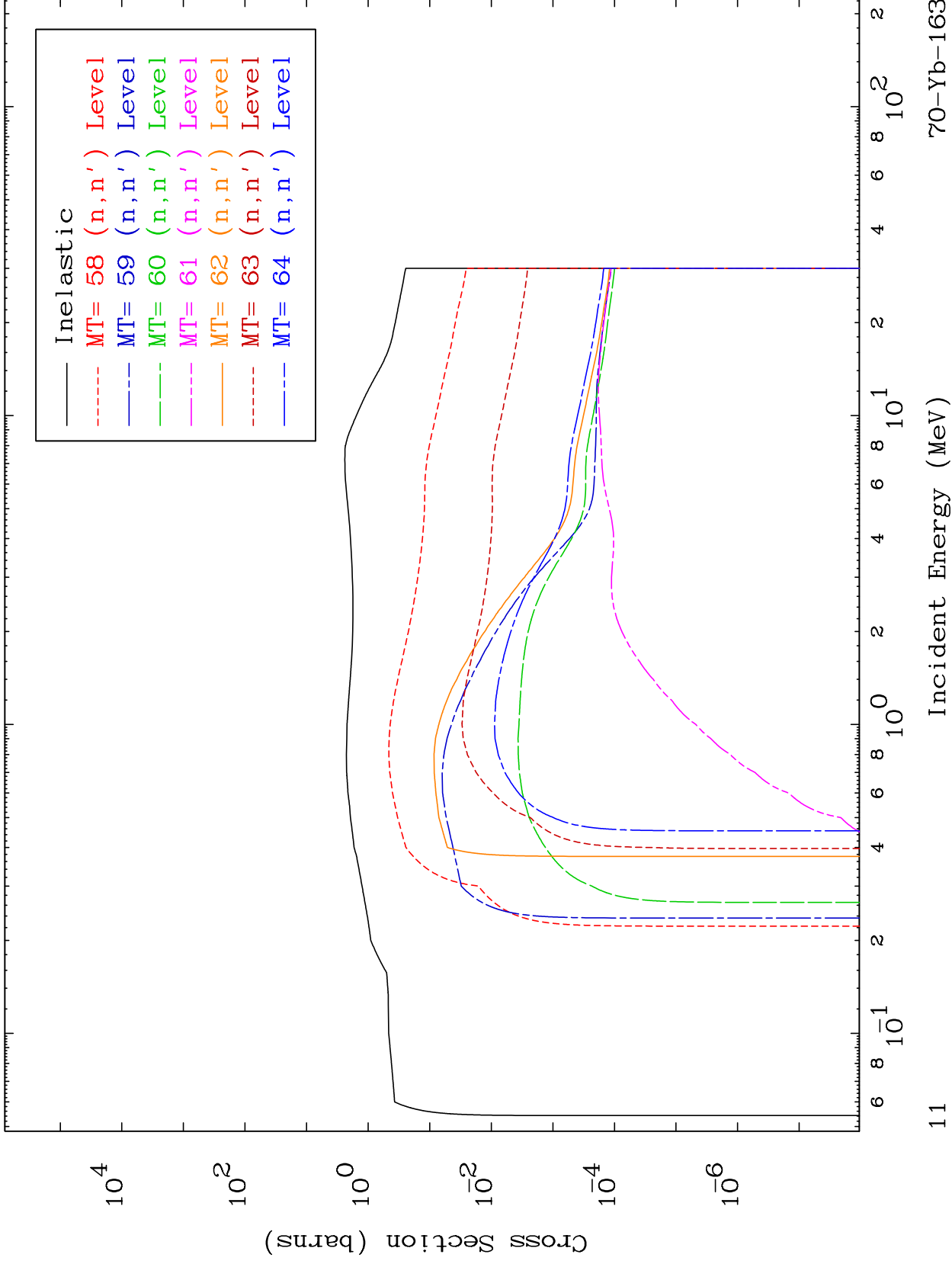
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,n') Levels
293 Kelvin Cross Sections

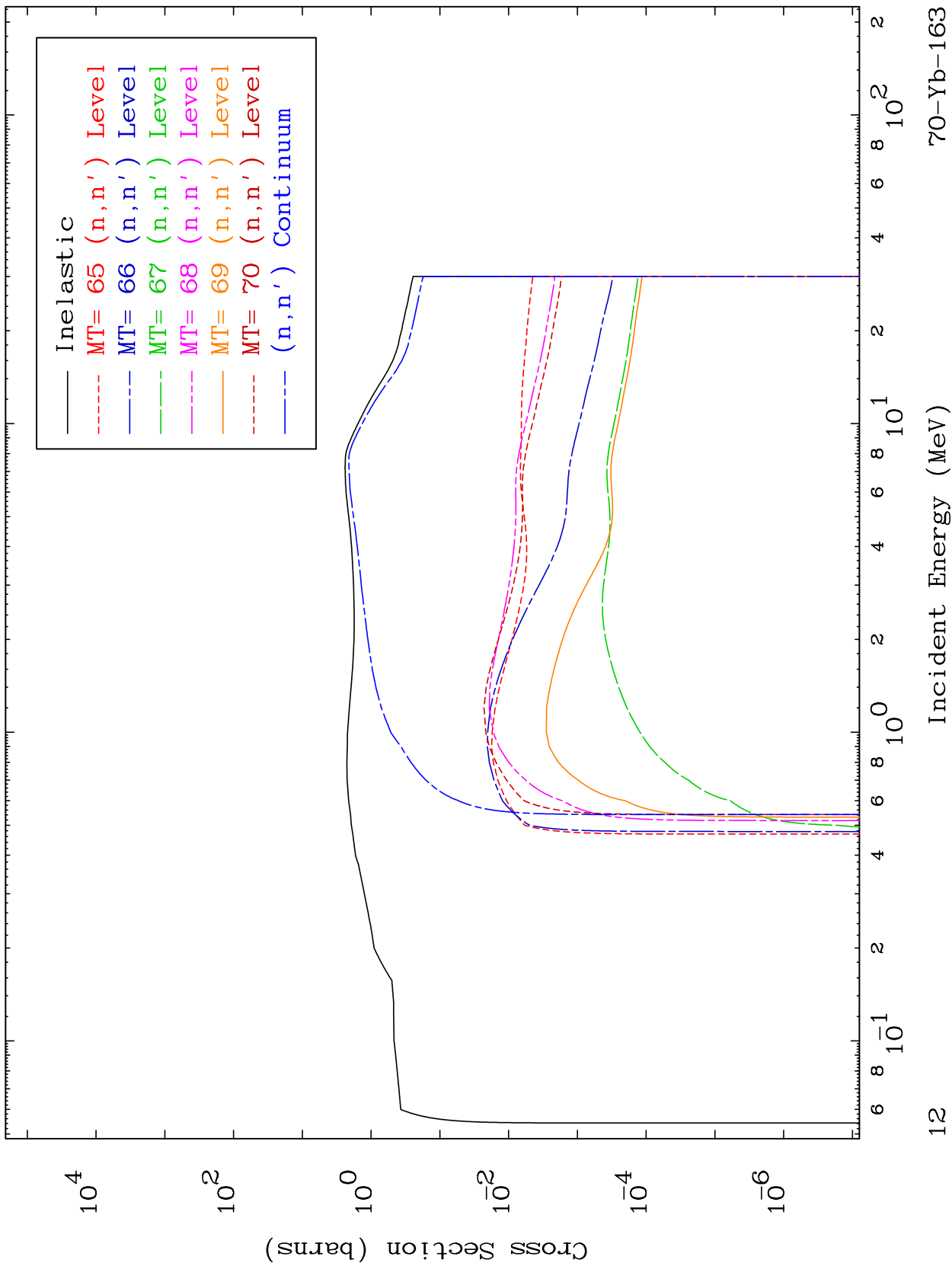
70-Yb-163



MAT 7010

(n,n') Levels
293 Kelvin Cross Sections

70-Yb-163



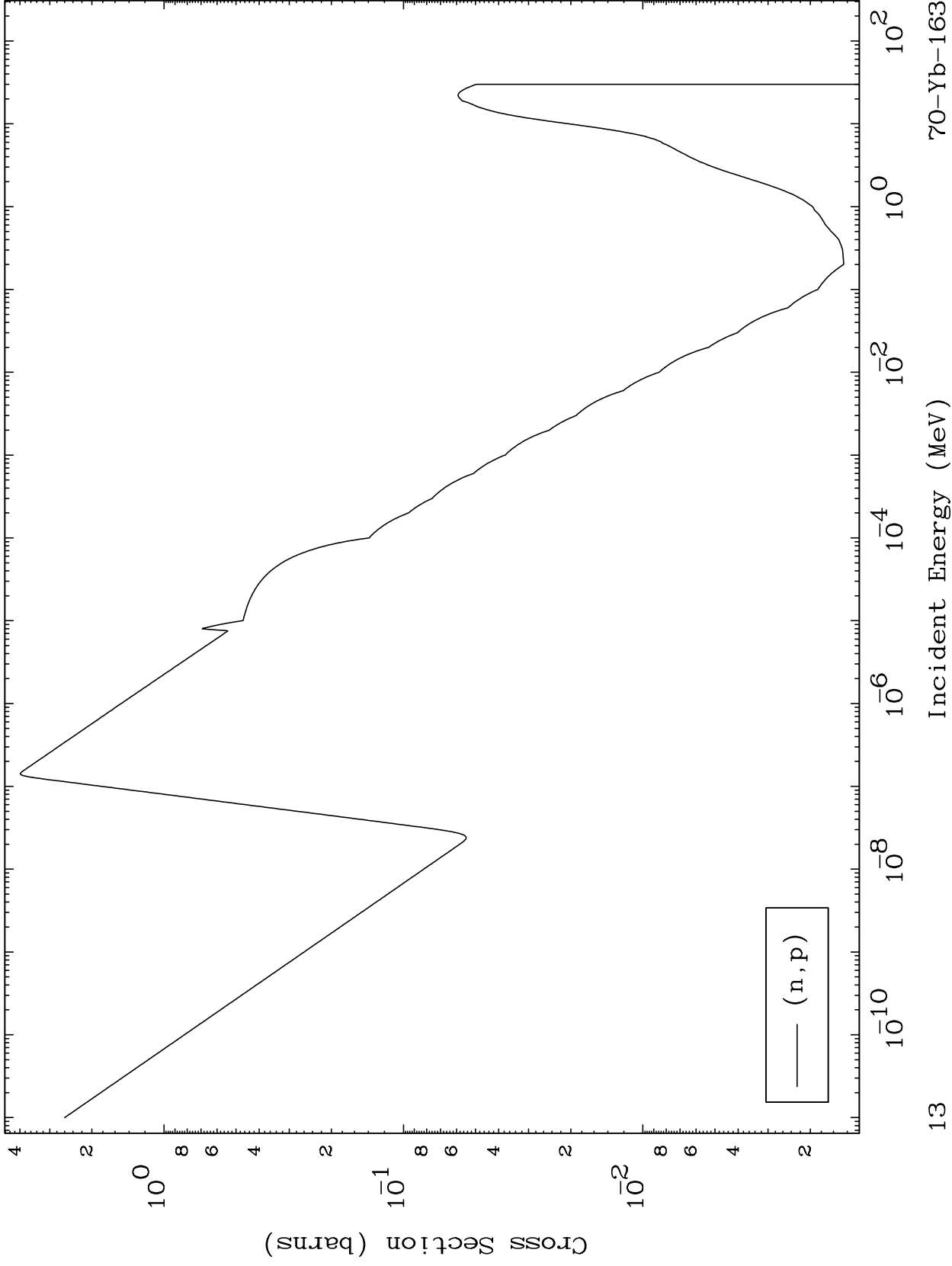
12

70-Yb-163

MAT 7010

(n,p) Levels
293 Kelvin Cross Sections

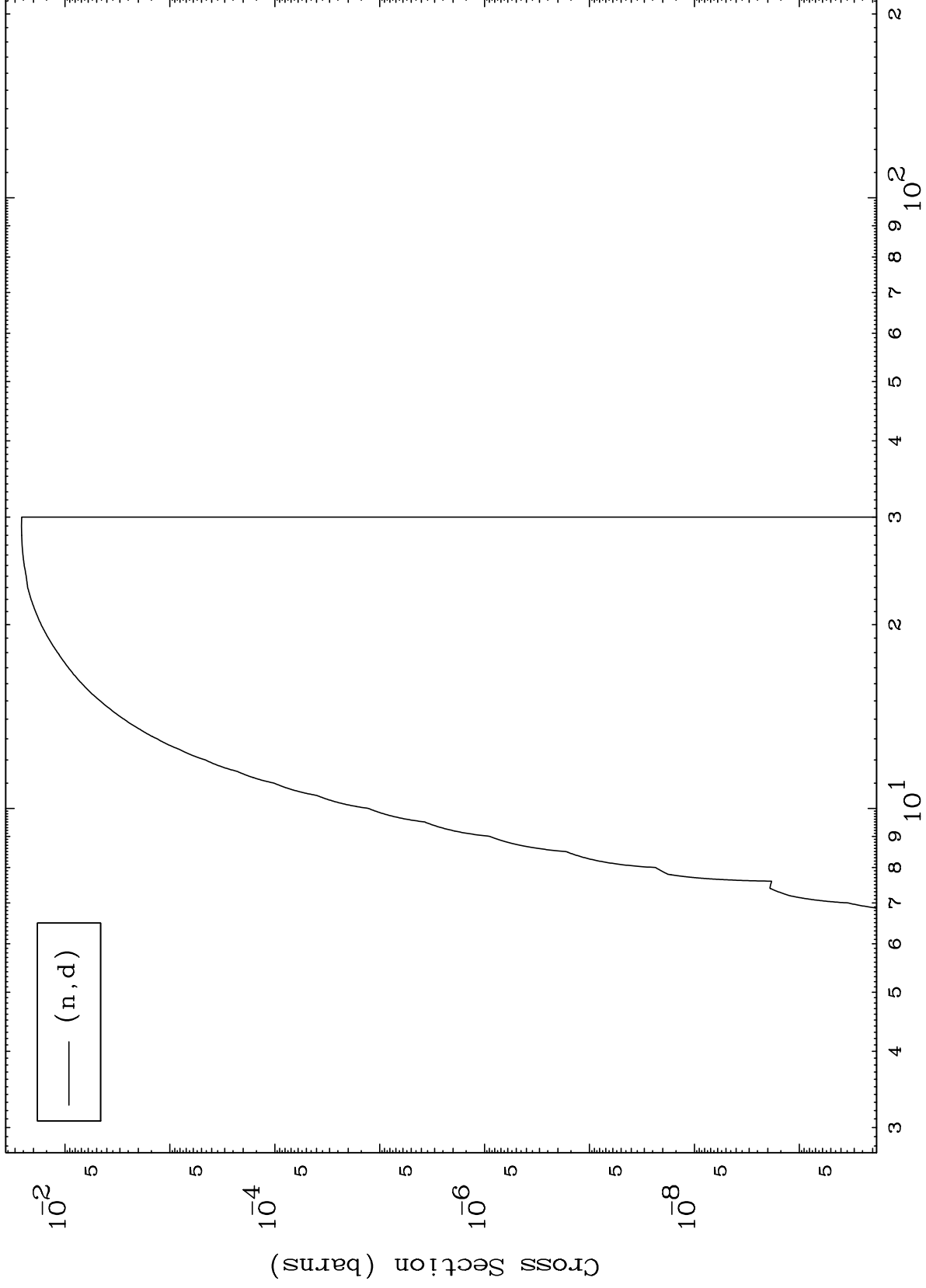
70-Yb-163



MAT 7010

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-163



(n,d)

70-Yb-163

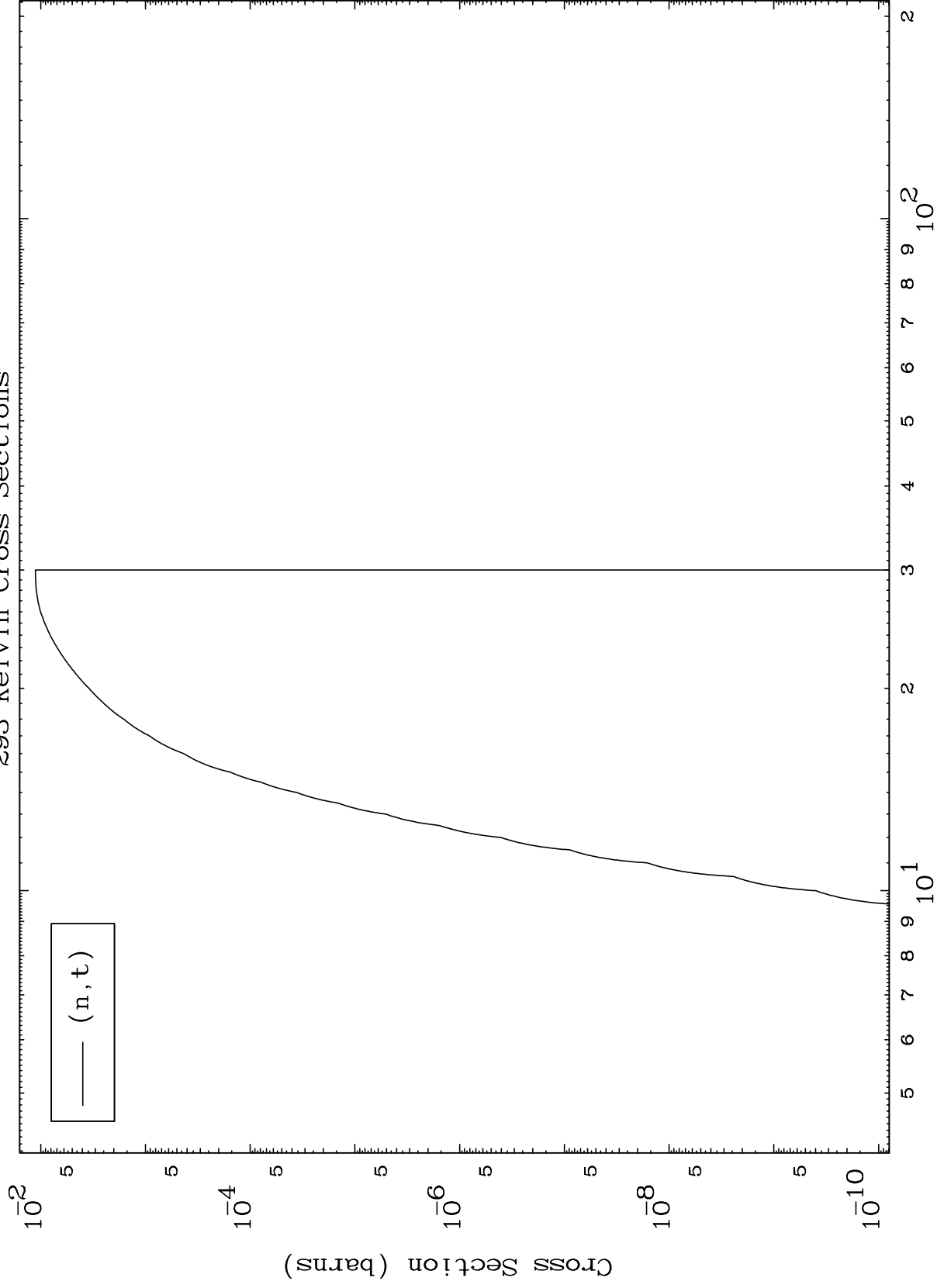
Incident Energy (MeV)

14

MAT 7010

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-163



15

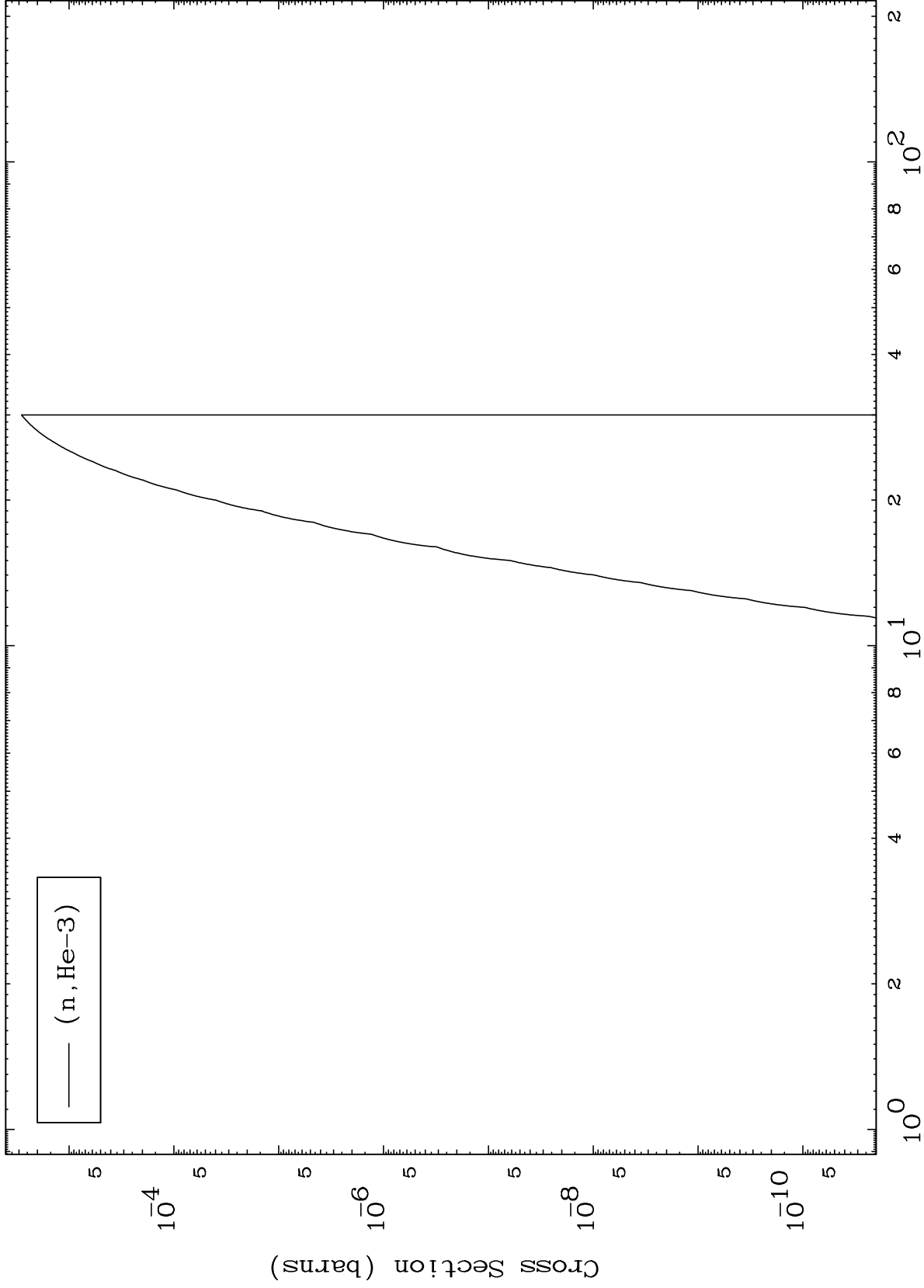
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-163



16

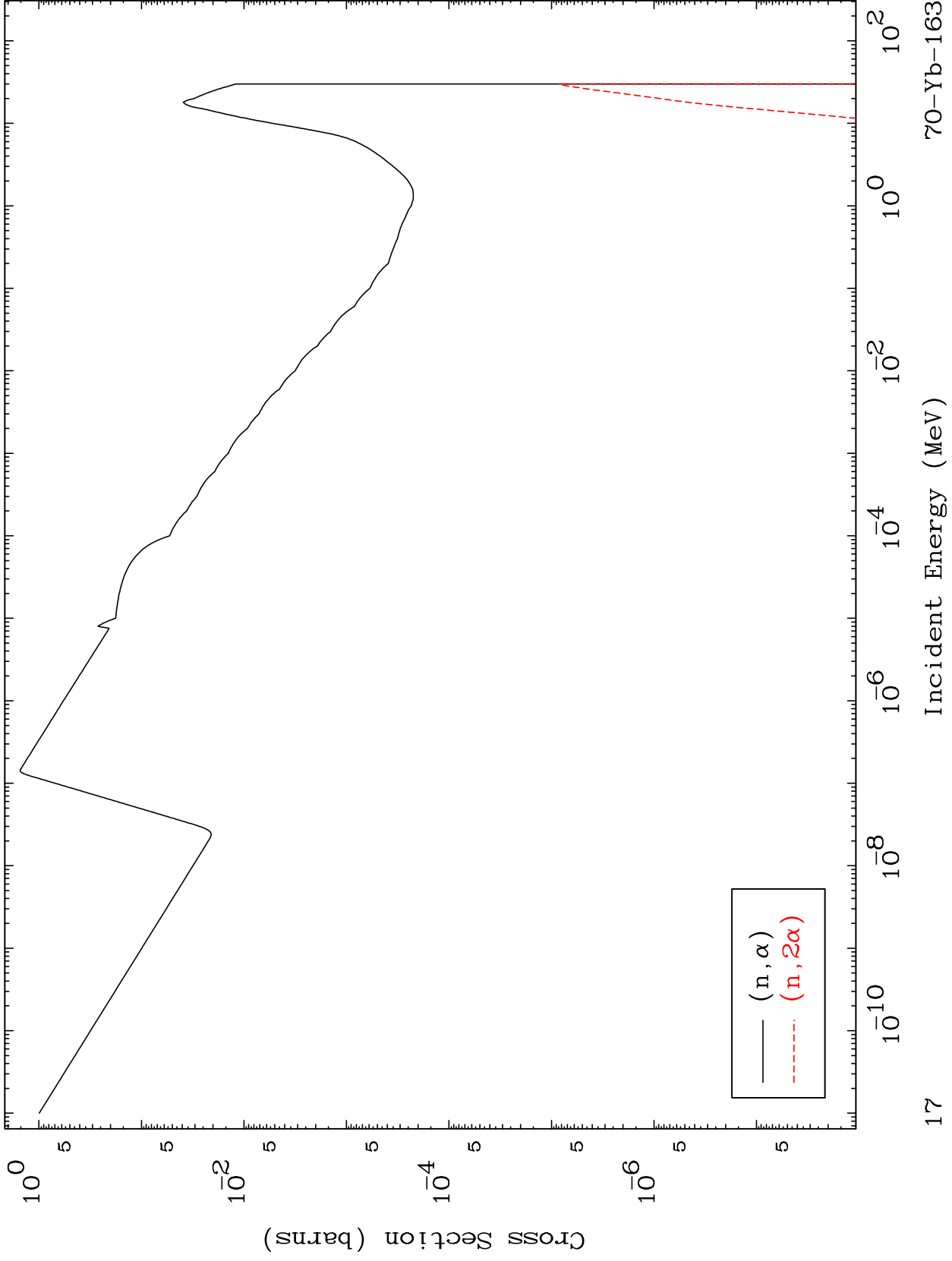
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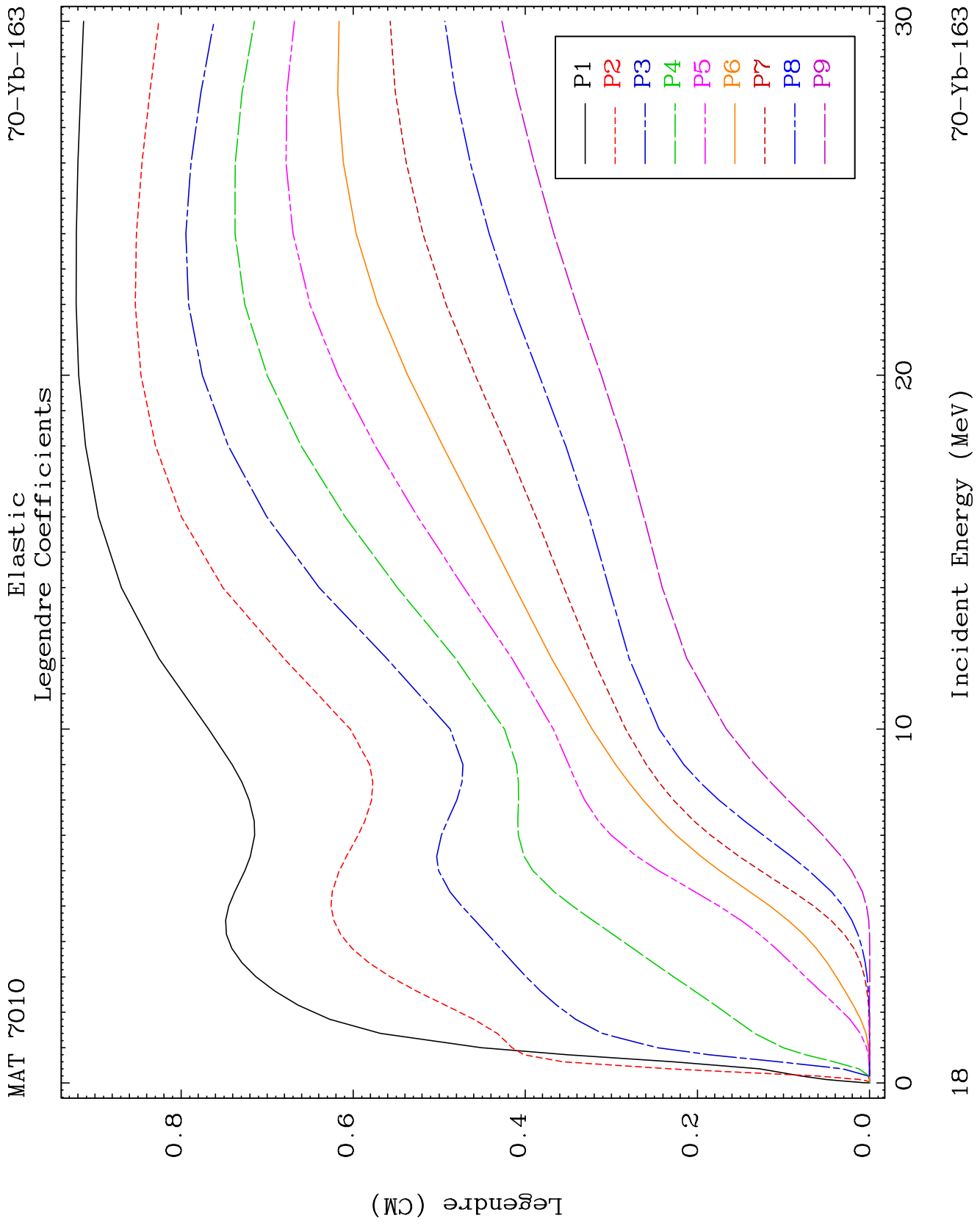
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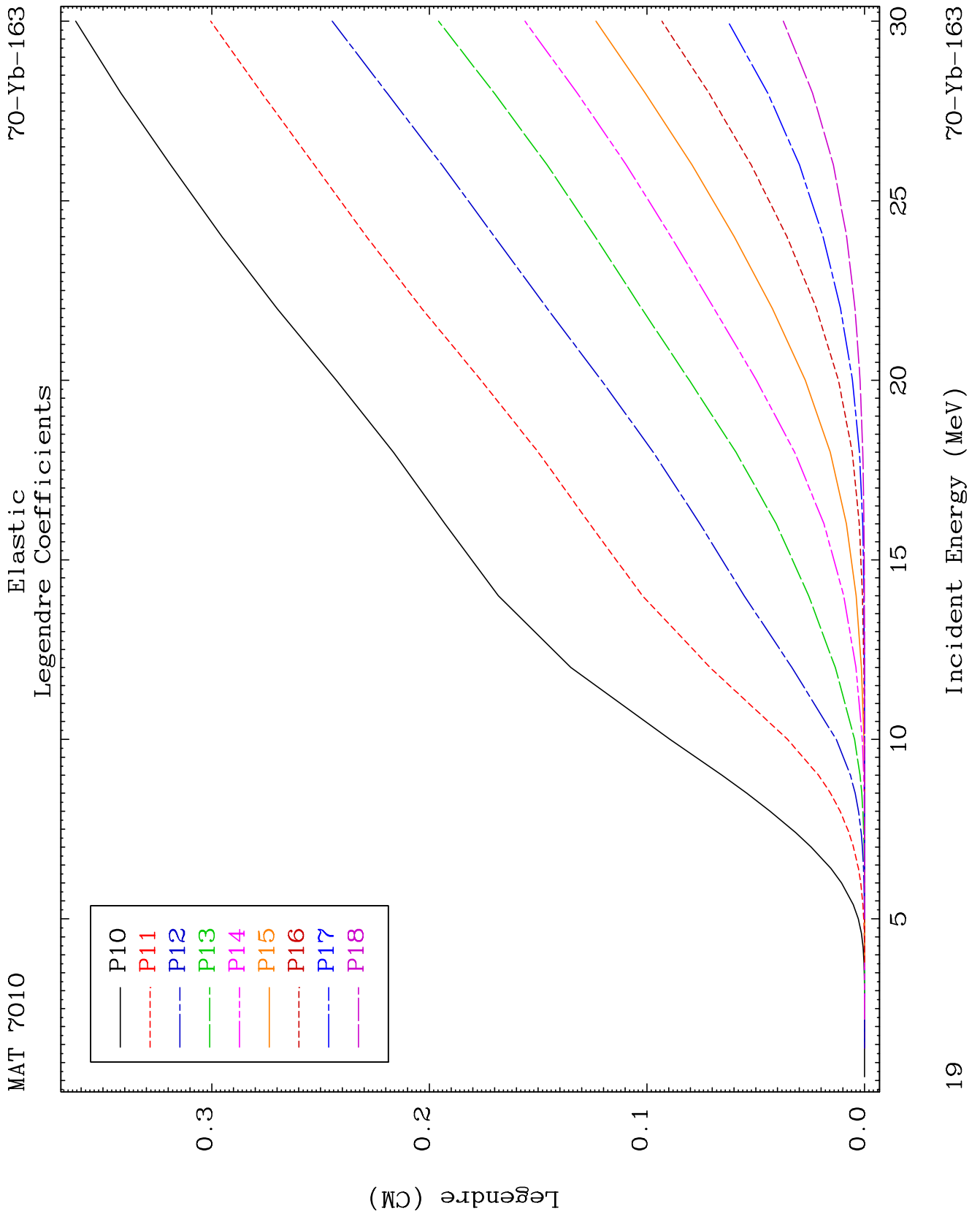
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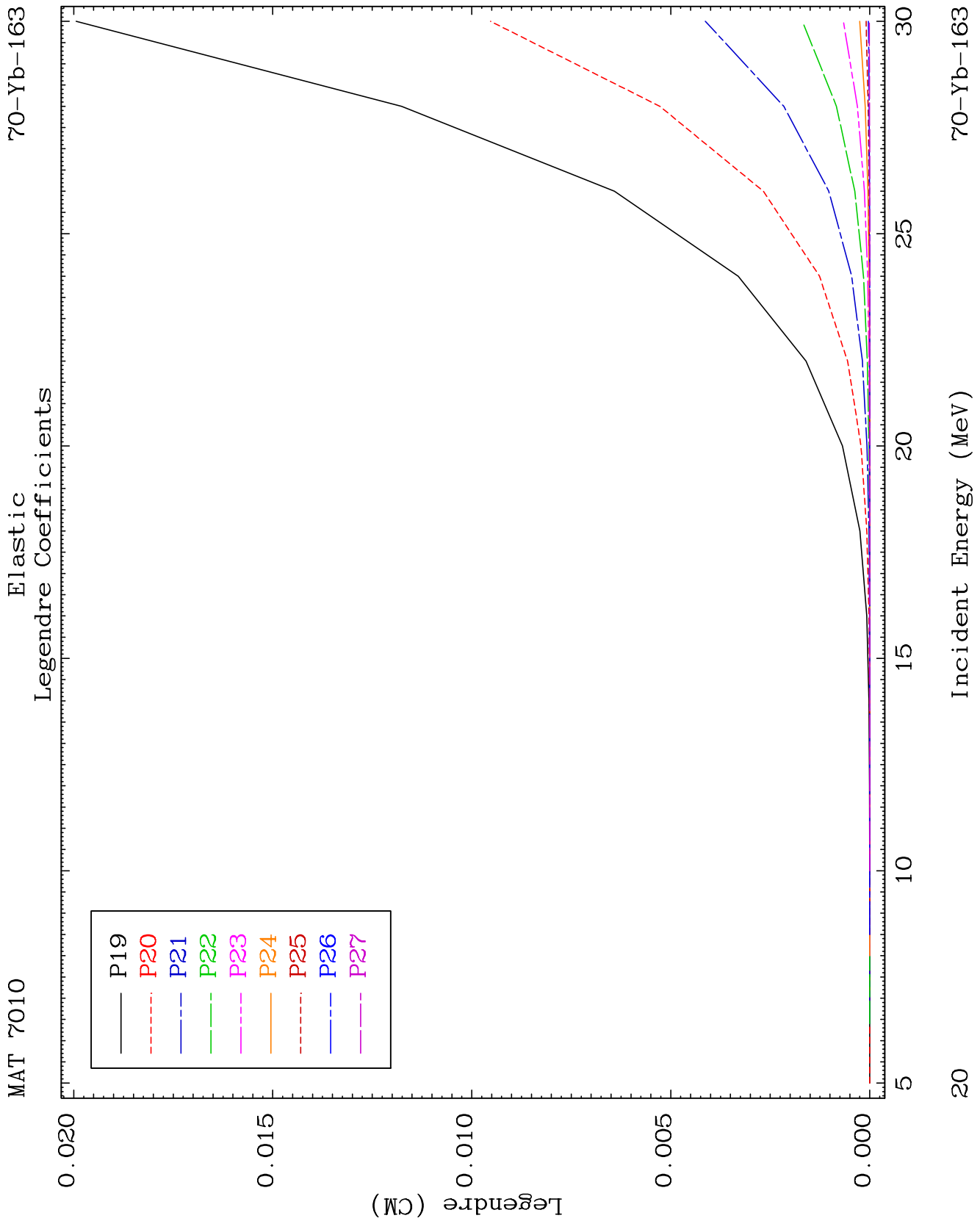
(n, α) Levels
293 Kelvin Cross Sections

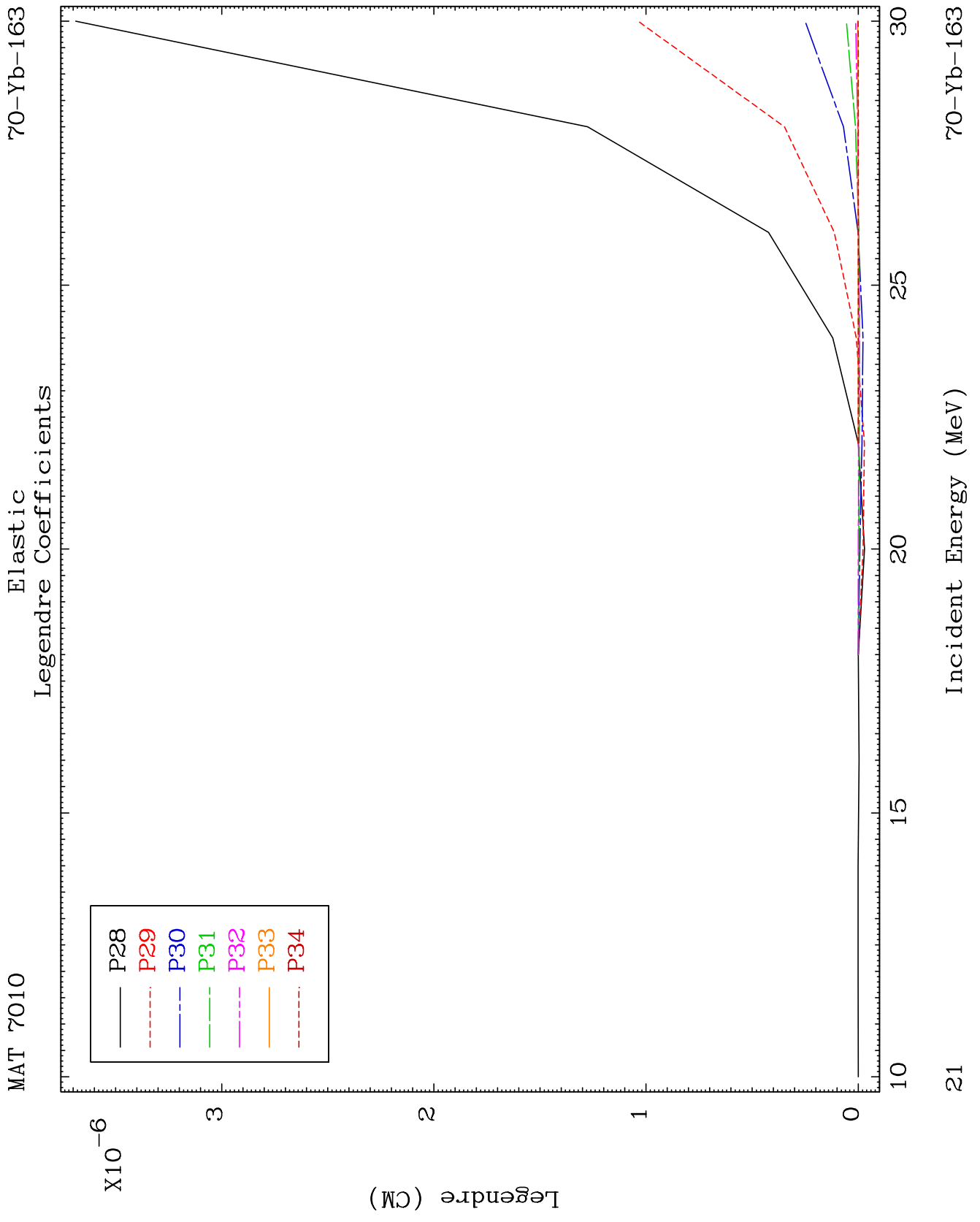
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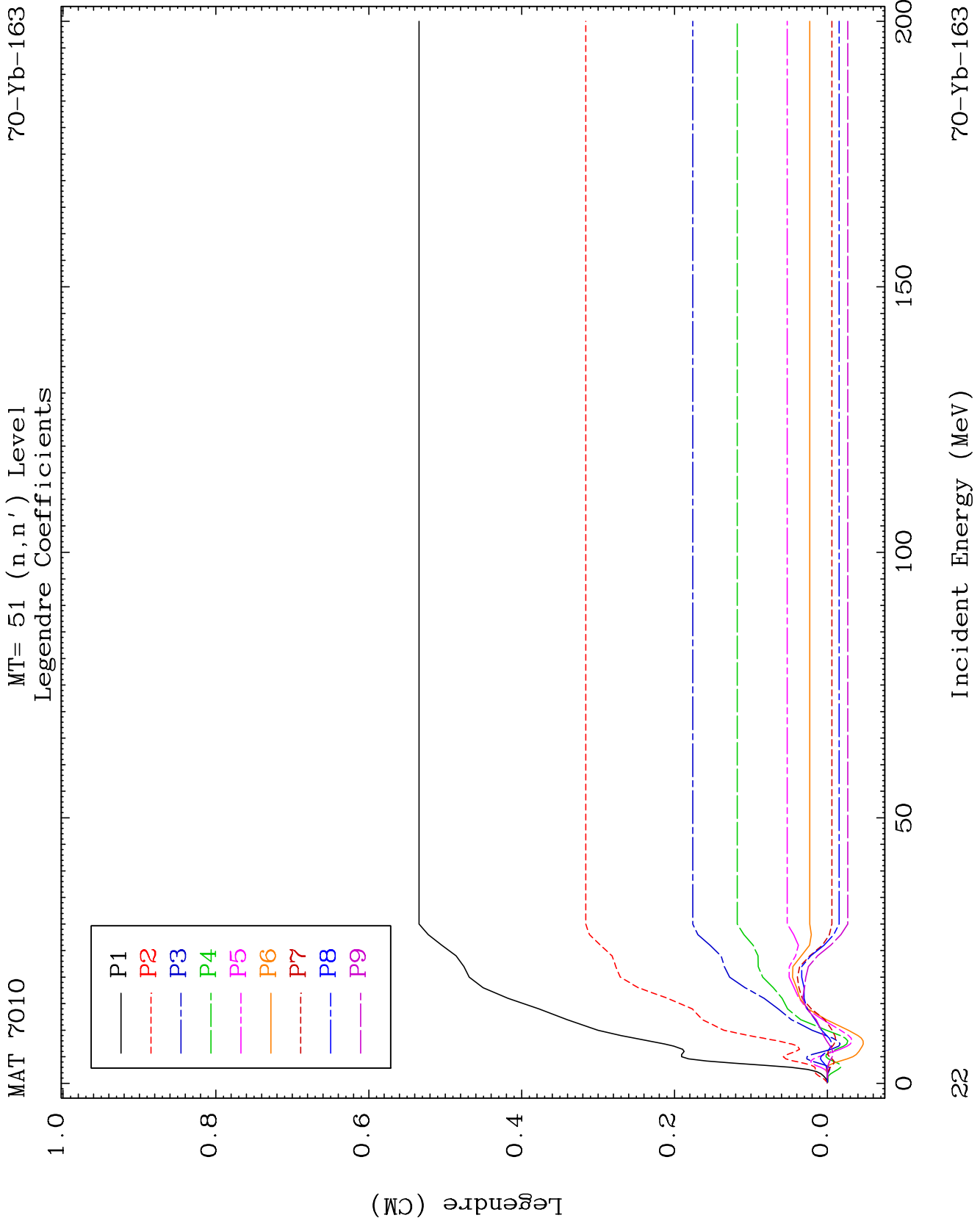








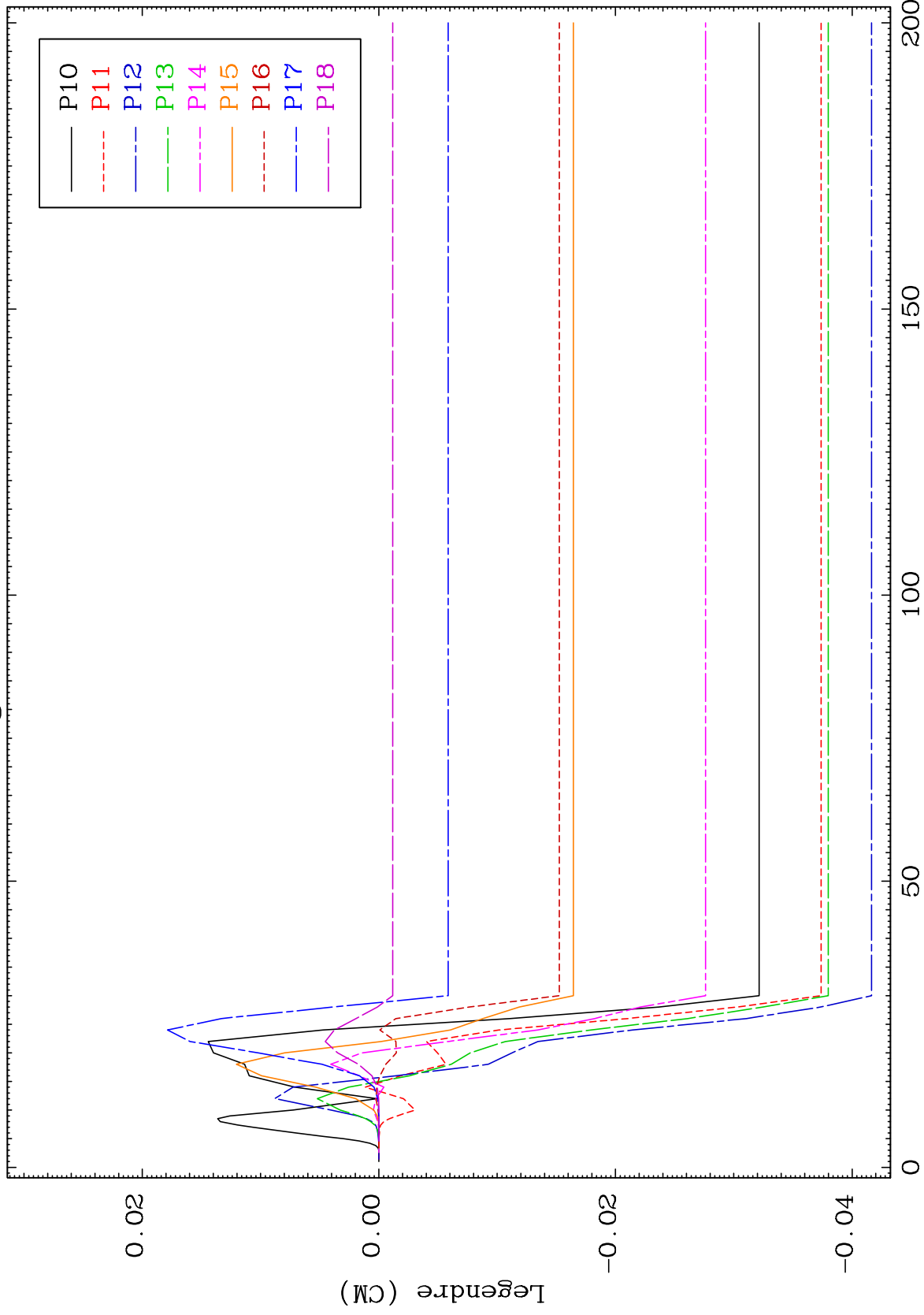




MAT 7010

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

70-Yb-163



23

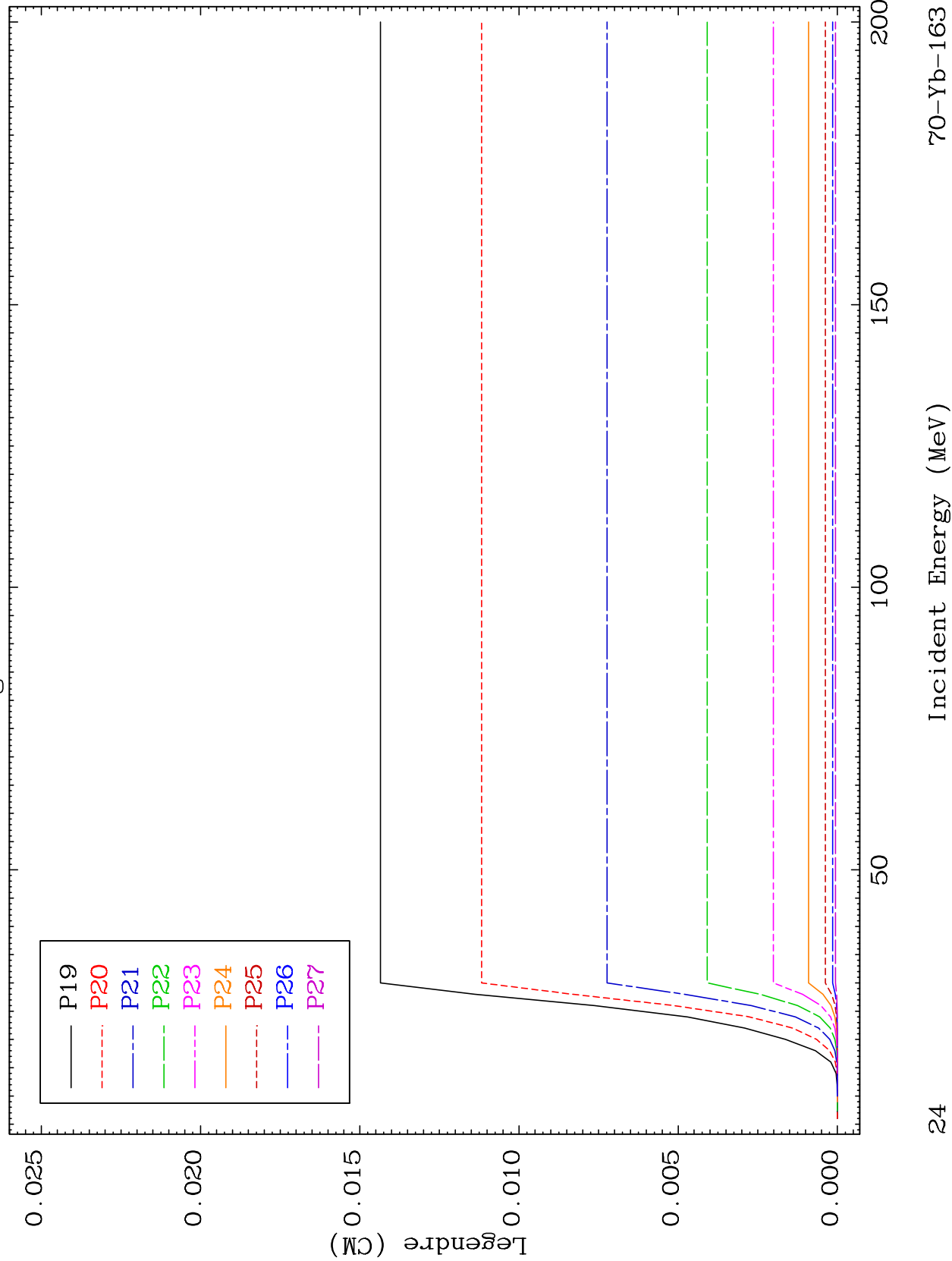
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

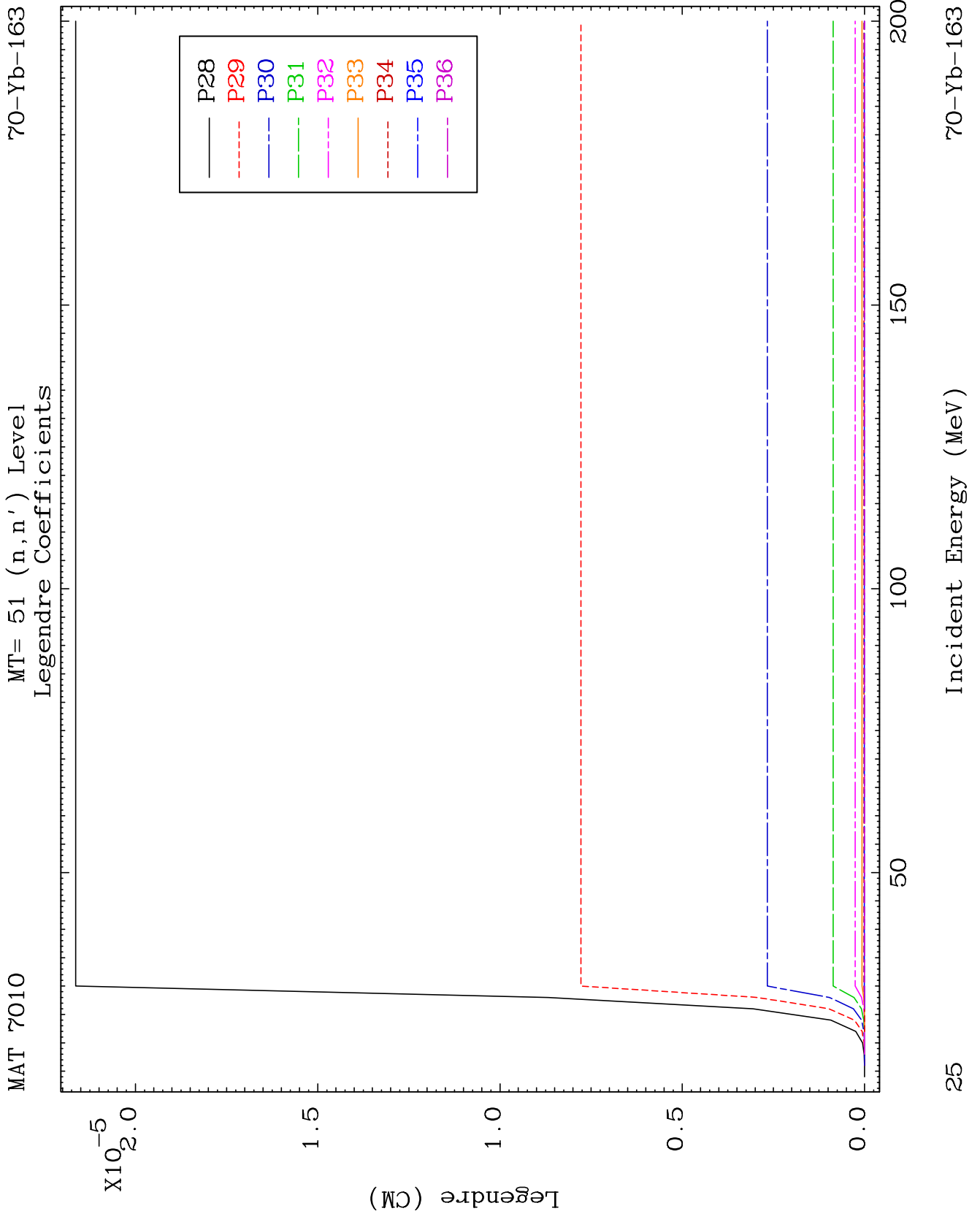
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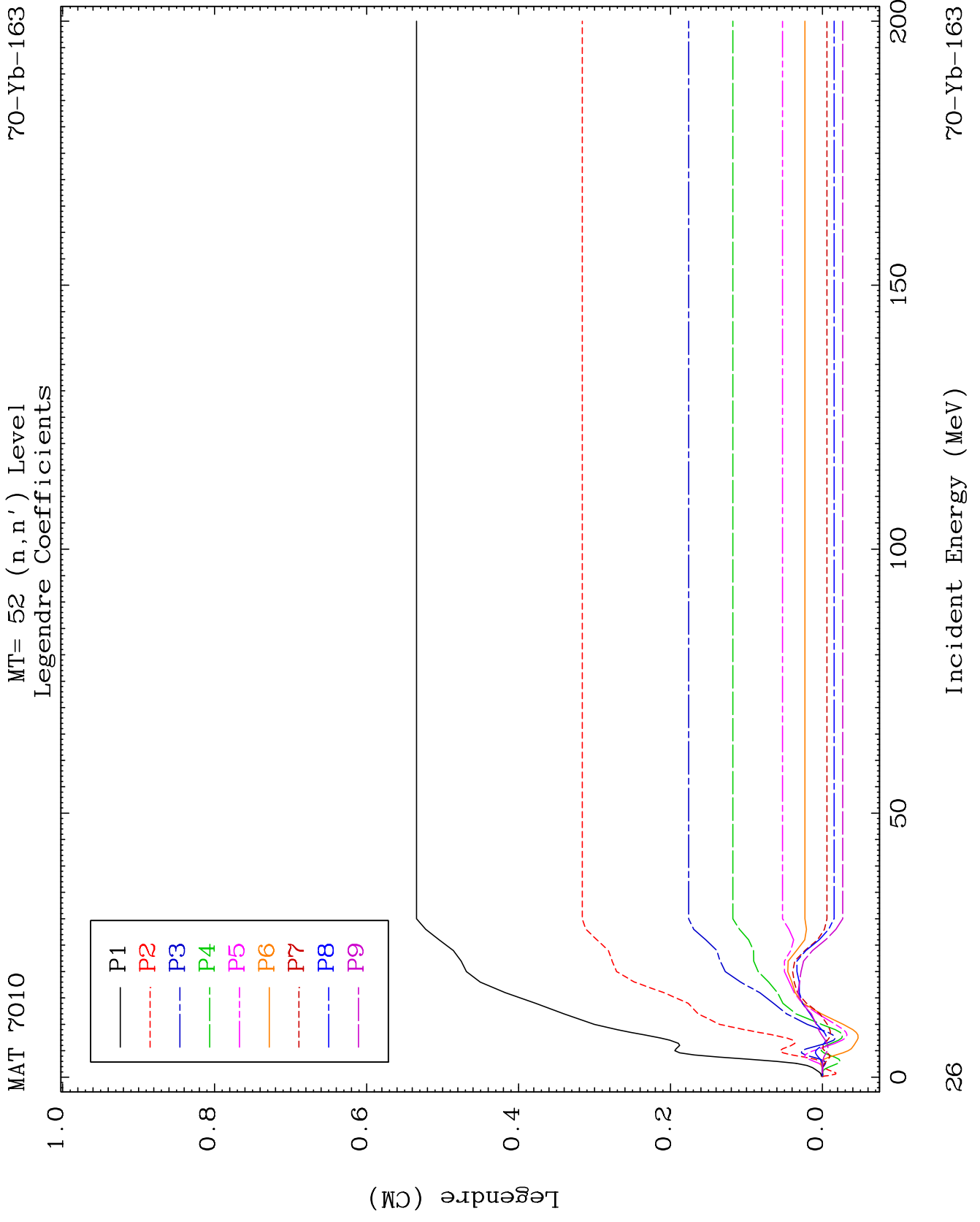


24

Incident Energy (MeV)

70-Yb-163

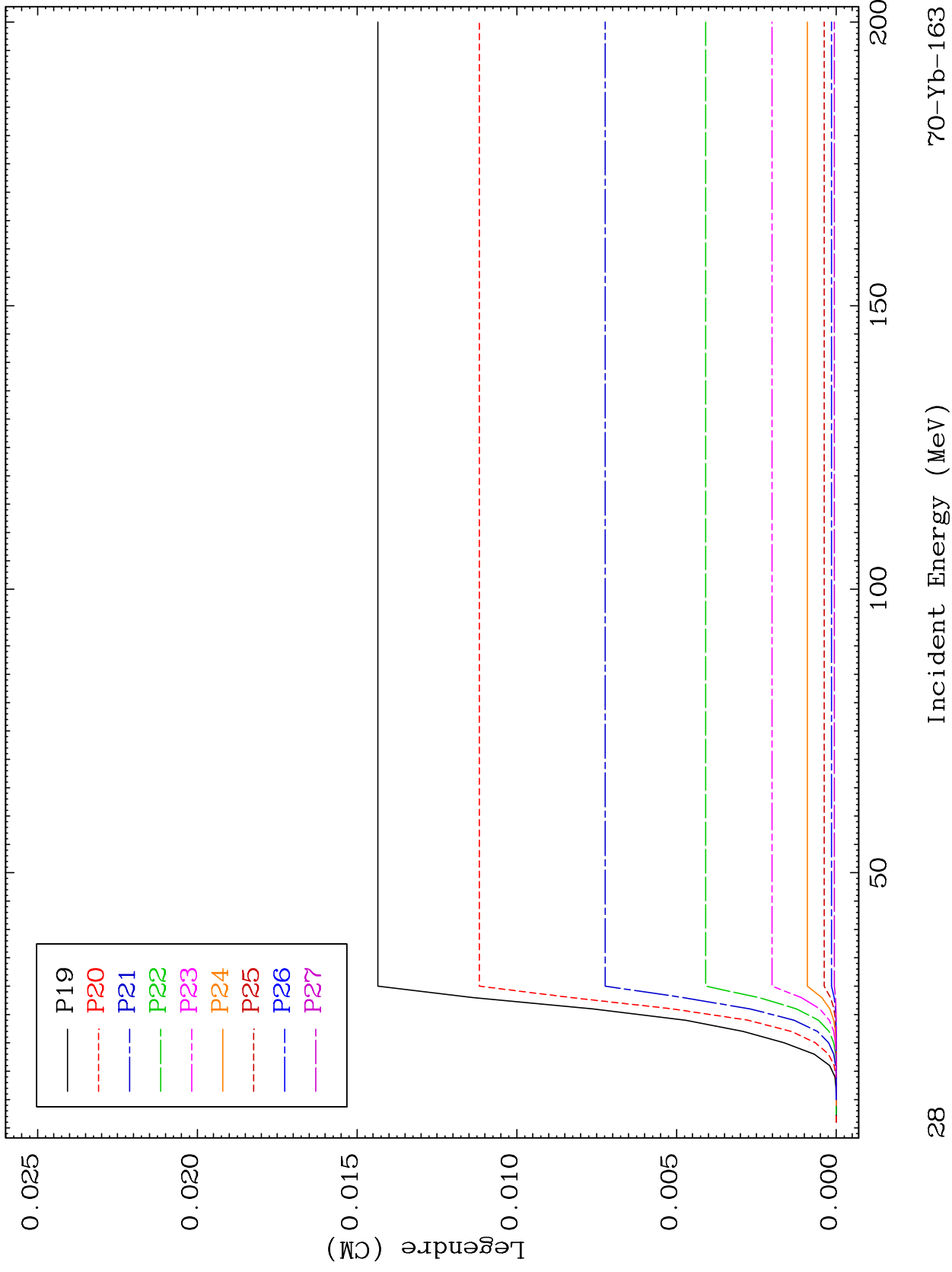




MAT 7010

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

70-Yb-163



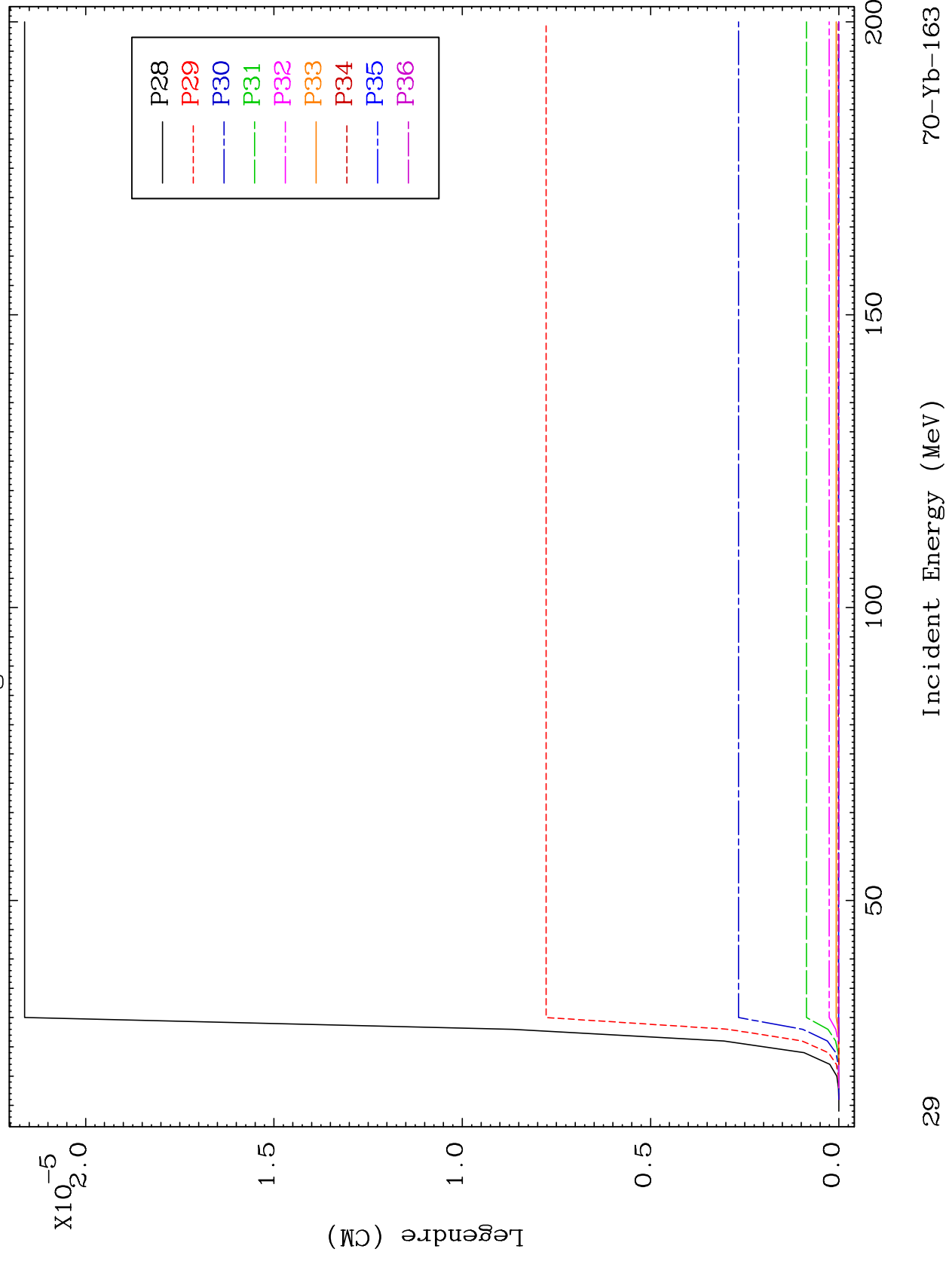
28

70-Yb-163

MAT 7010

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

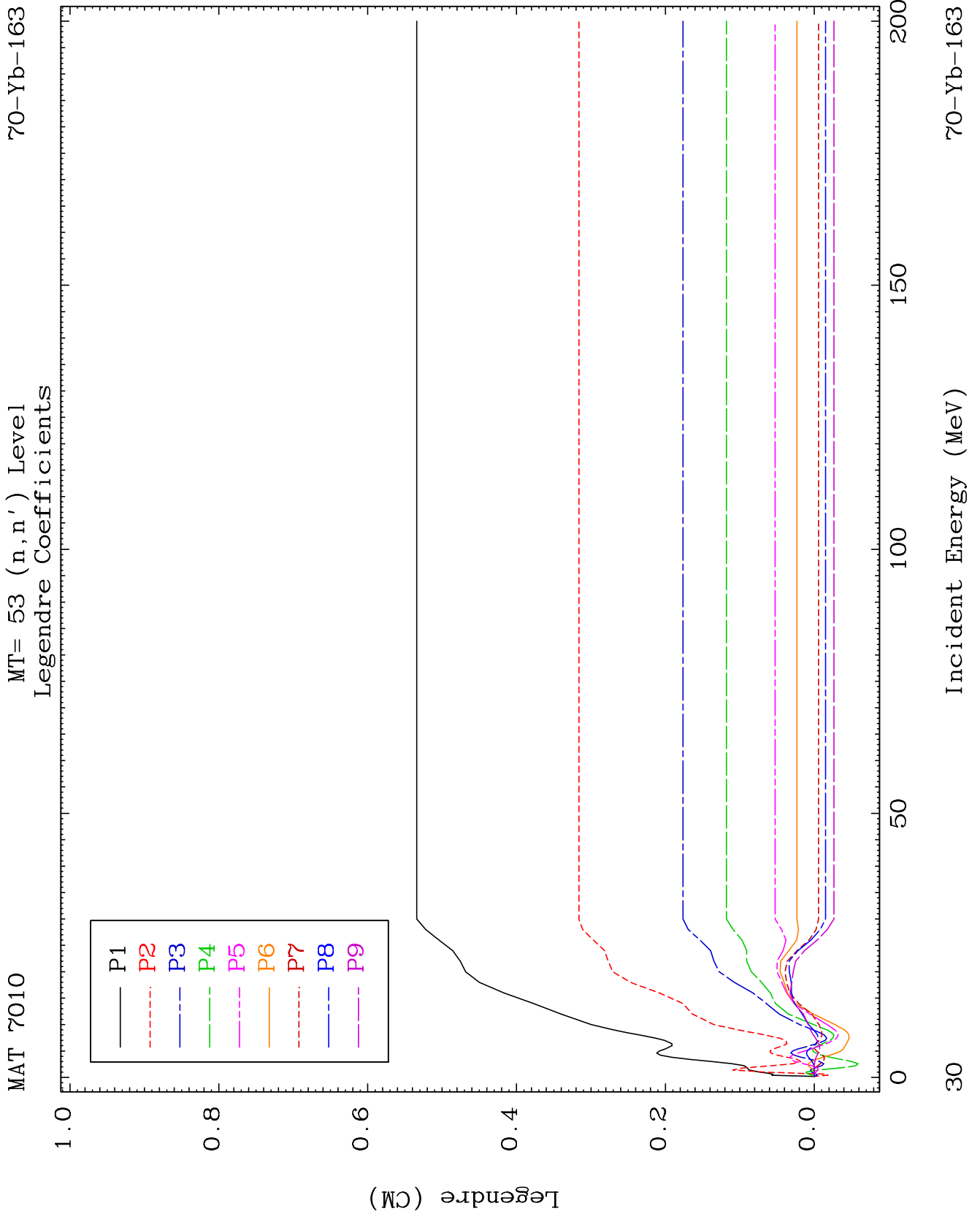
70-Yb-163



70-Yb-163

Incident Energy (MeV)

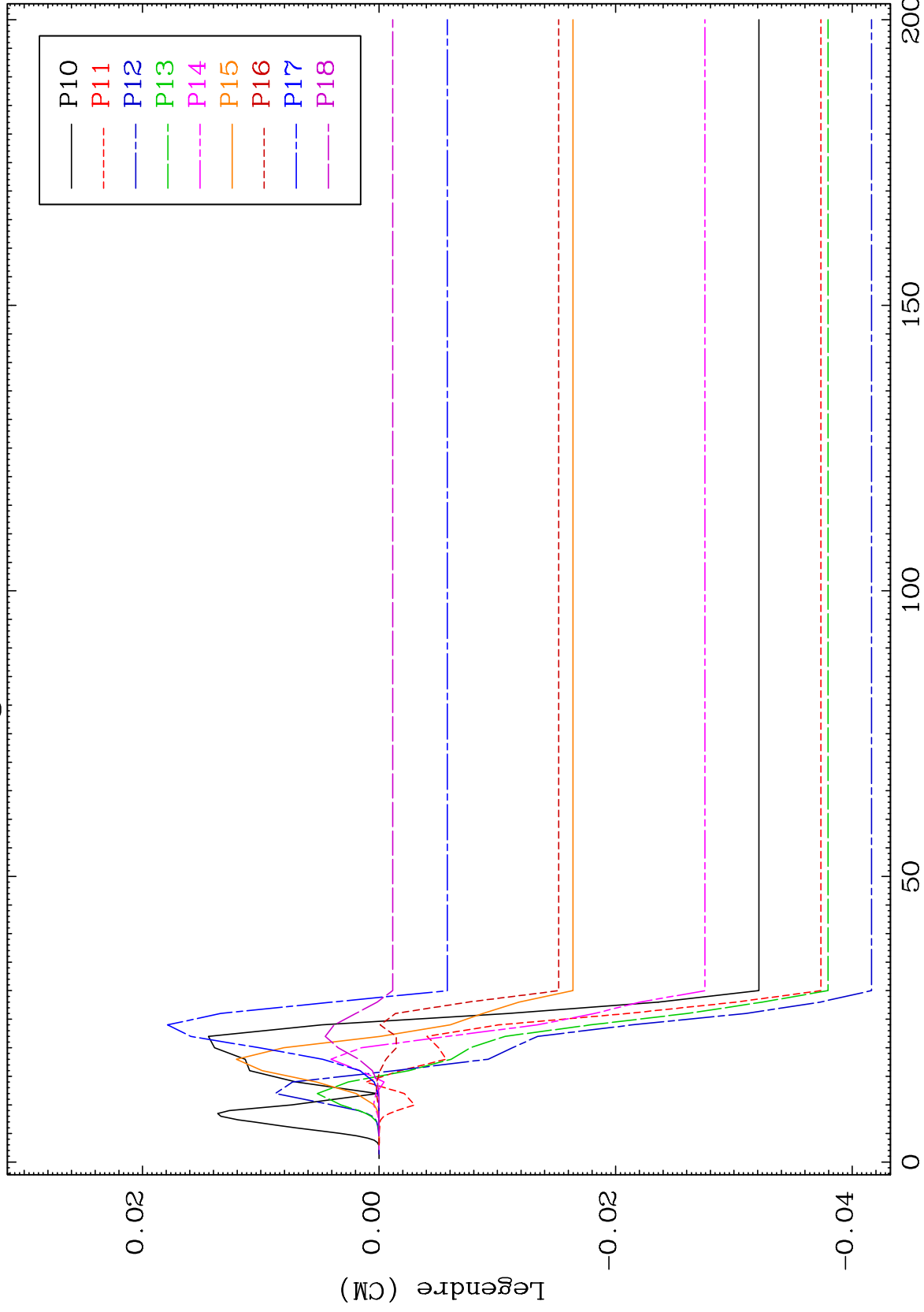
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MAT 7010

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

70-Yb-163



31

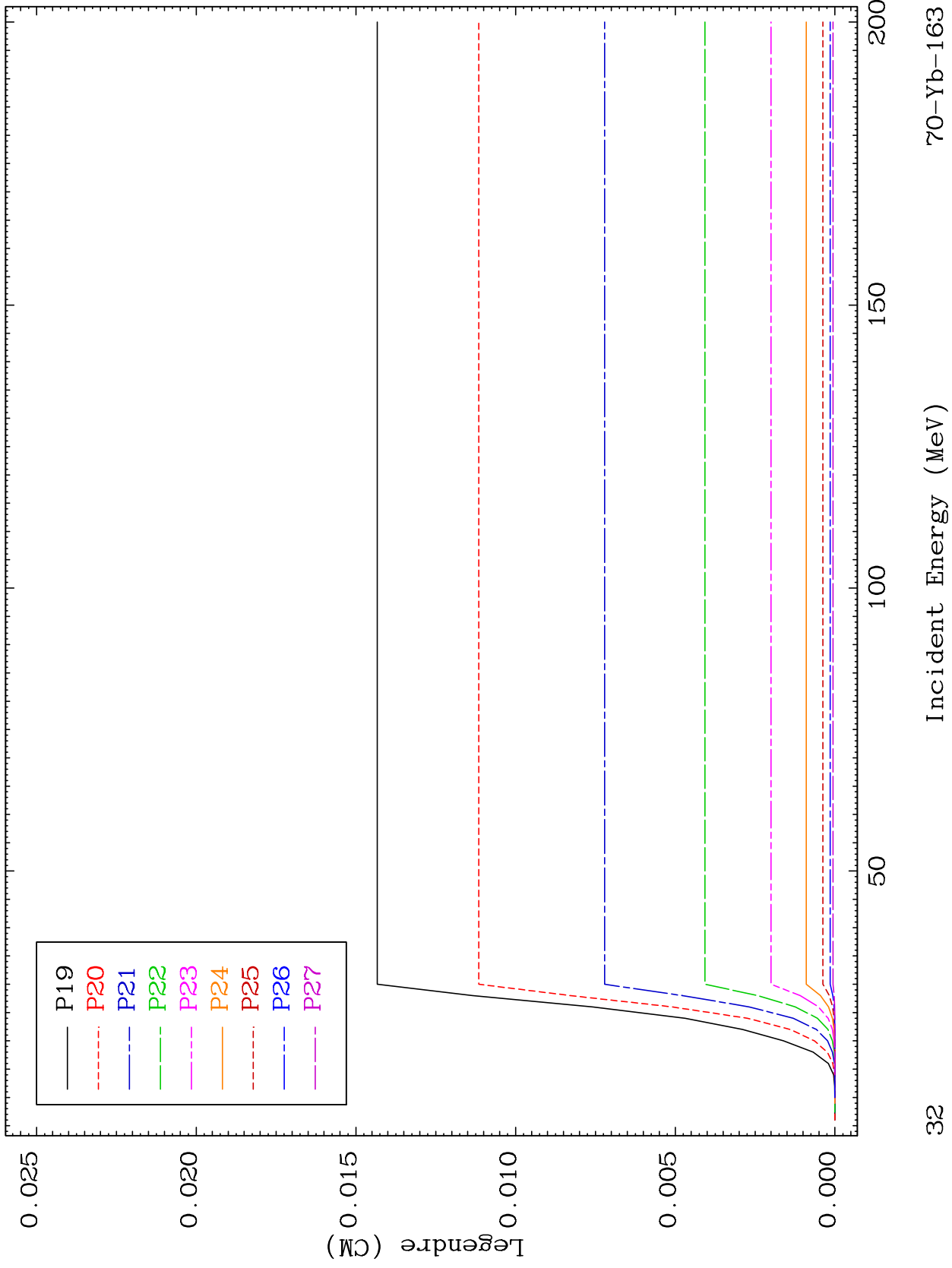
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



32

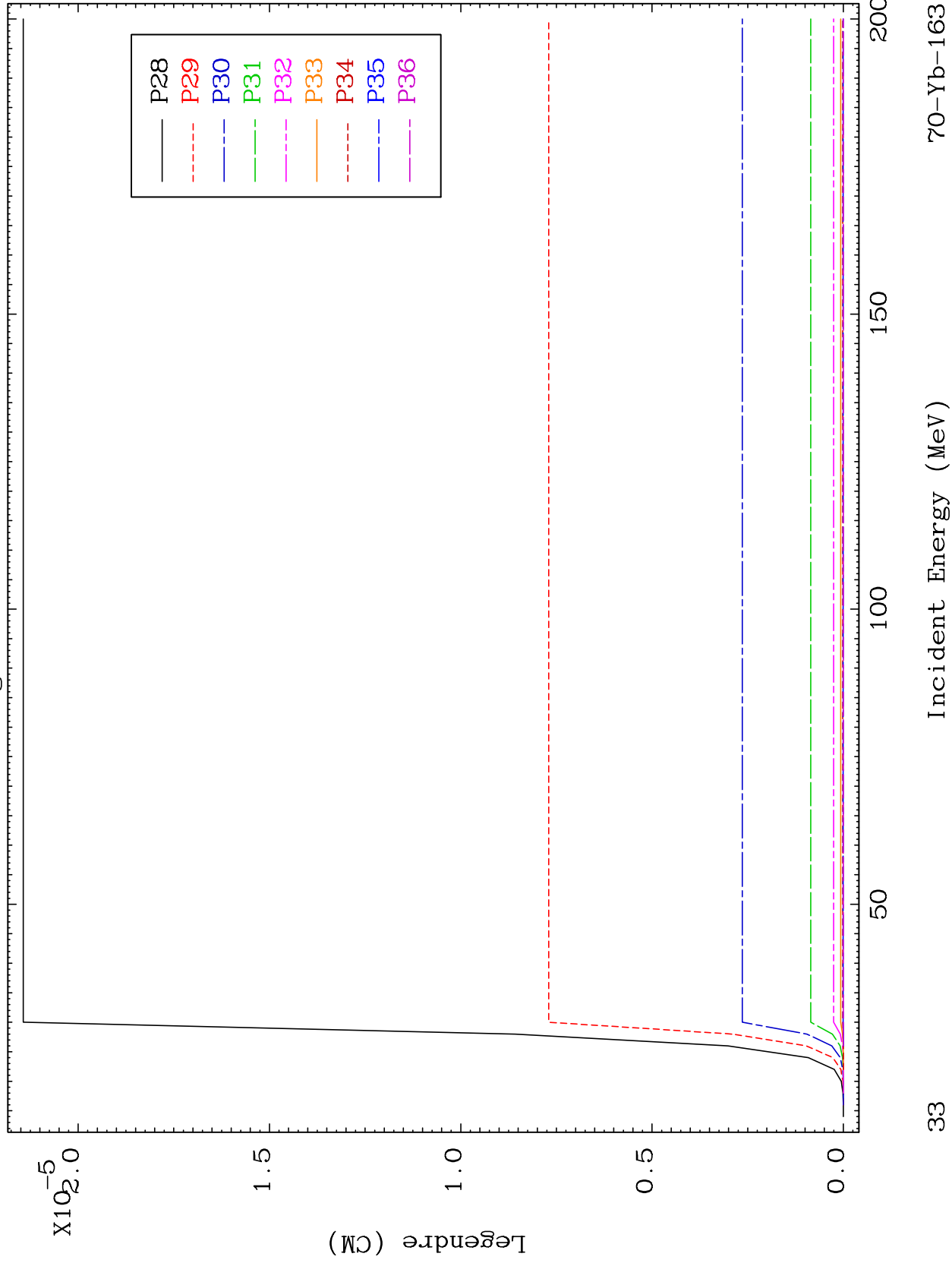
Incident Energy (MeV)

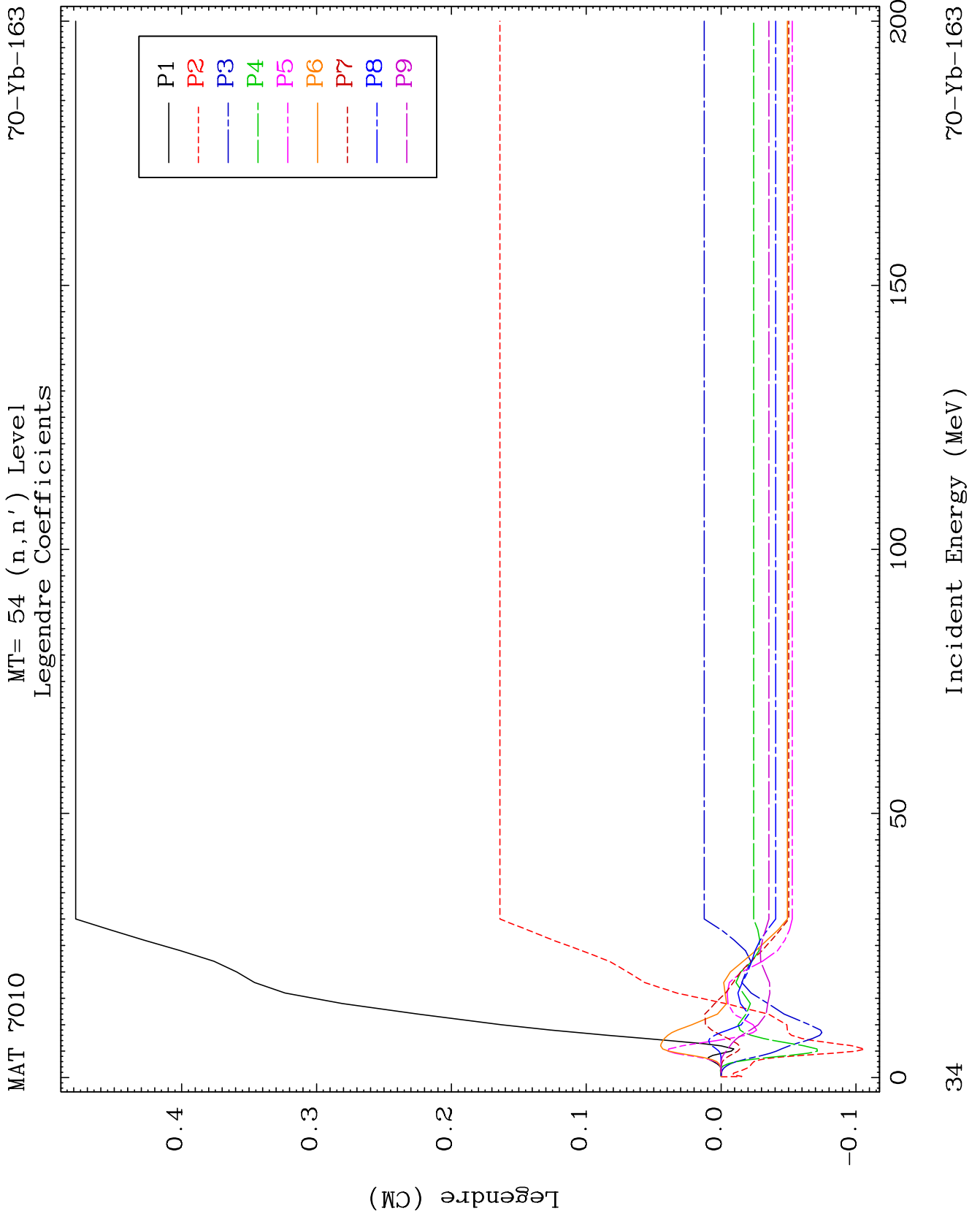
70-Yb-163

MAT 7010

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

70-Yb-163

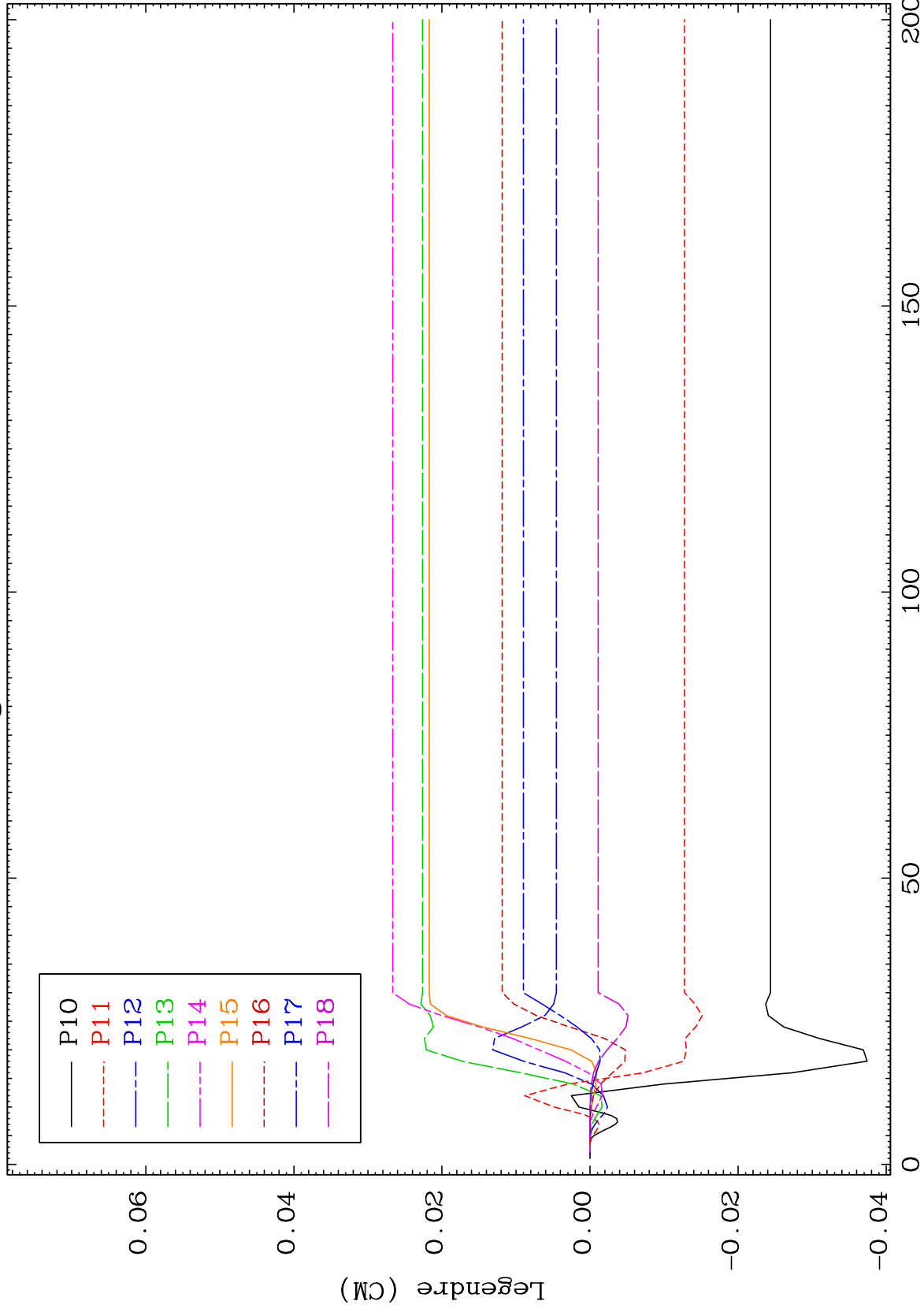




MAT 7010

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

70-Yb-163



35

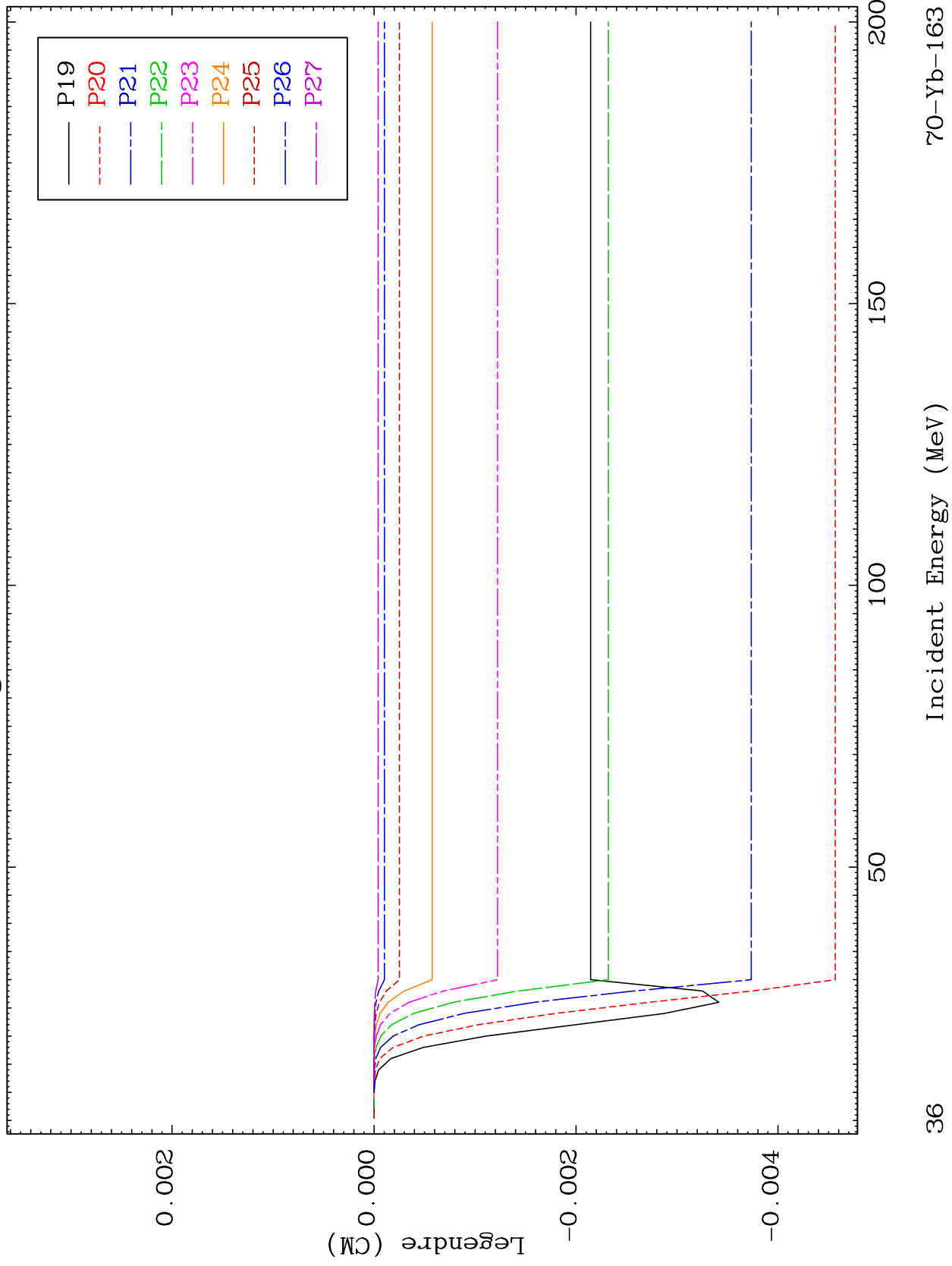
Incident Energy (MeV)

70-Yb-163

MAT 7010

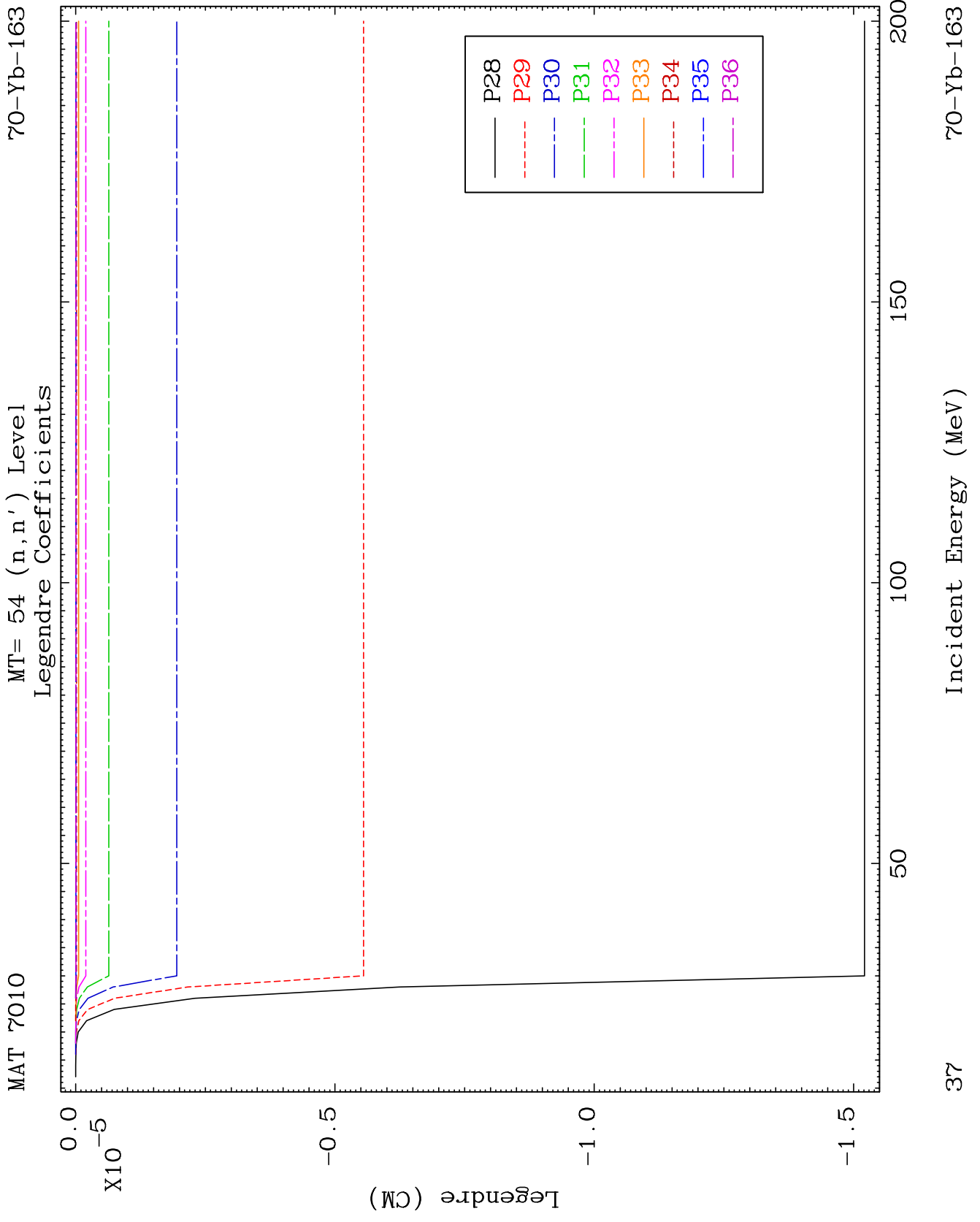
MT= 54 (n,n') Level
Legendre Coefficients

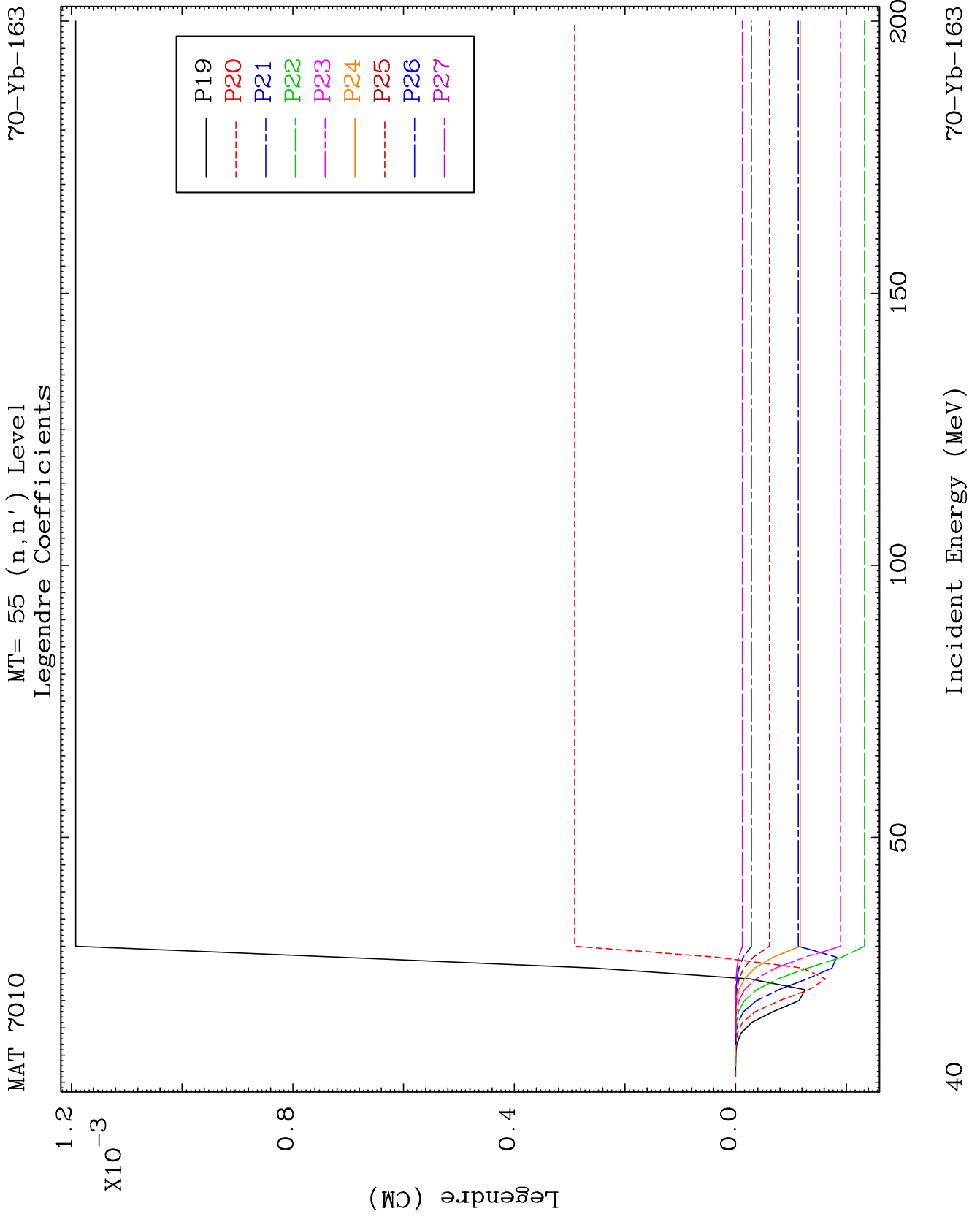
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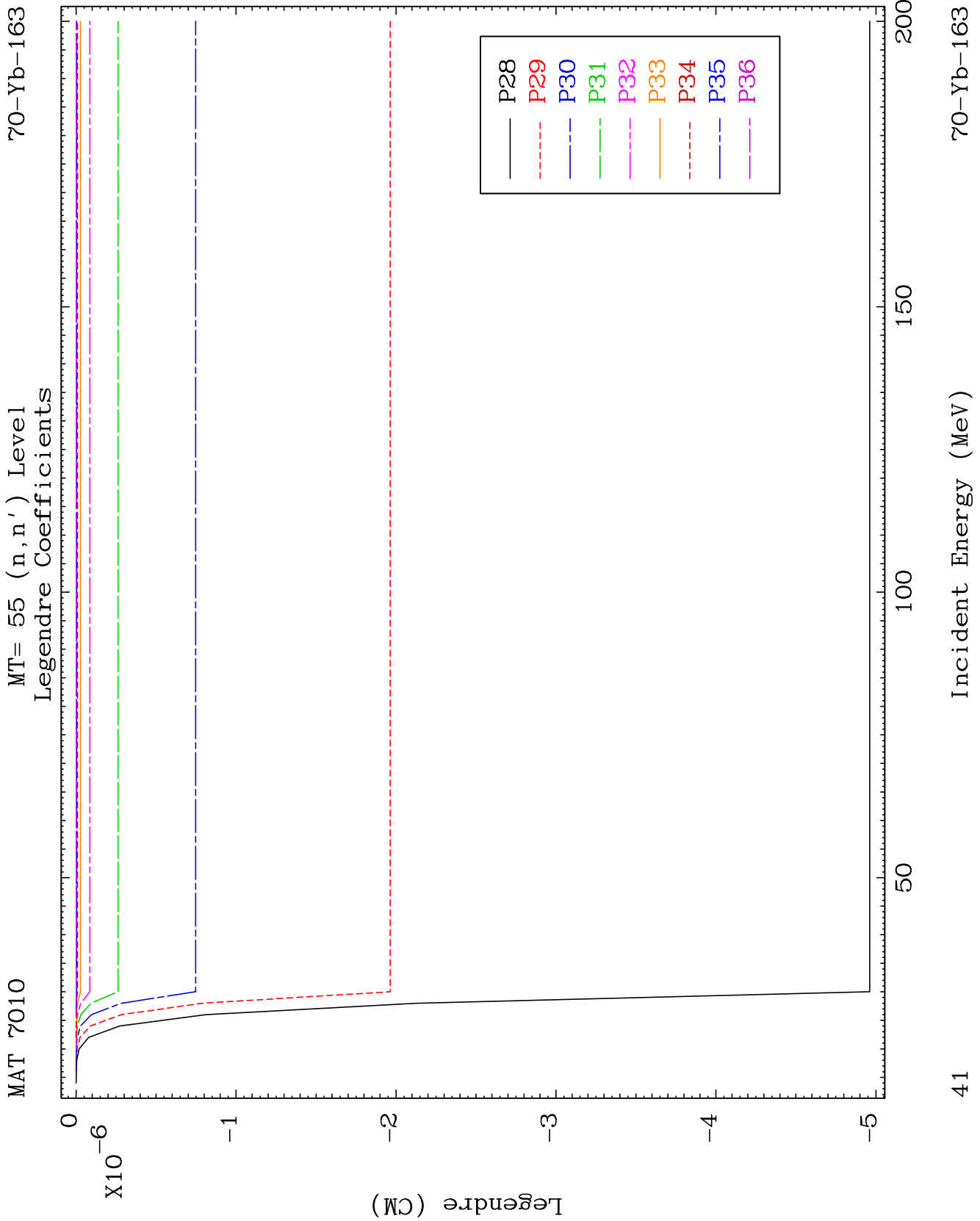


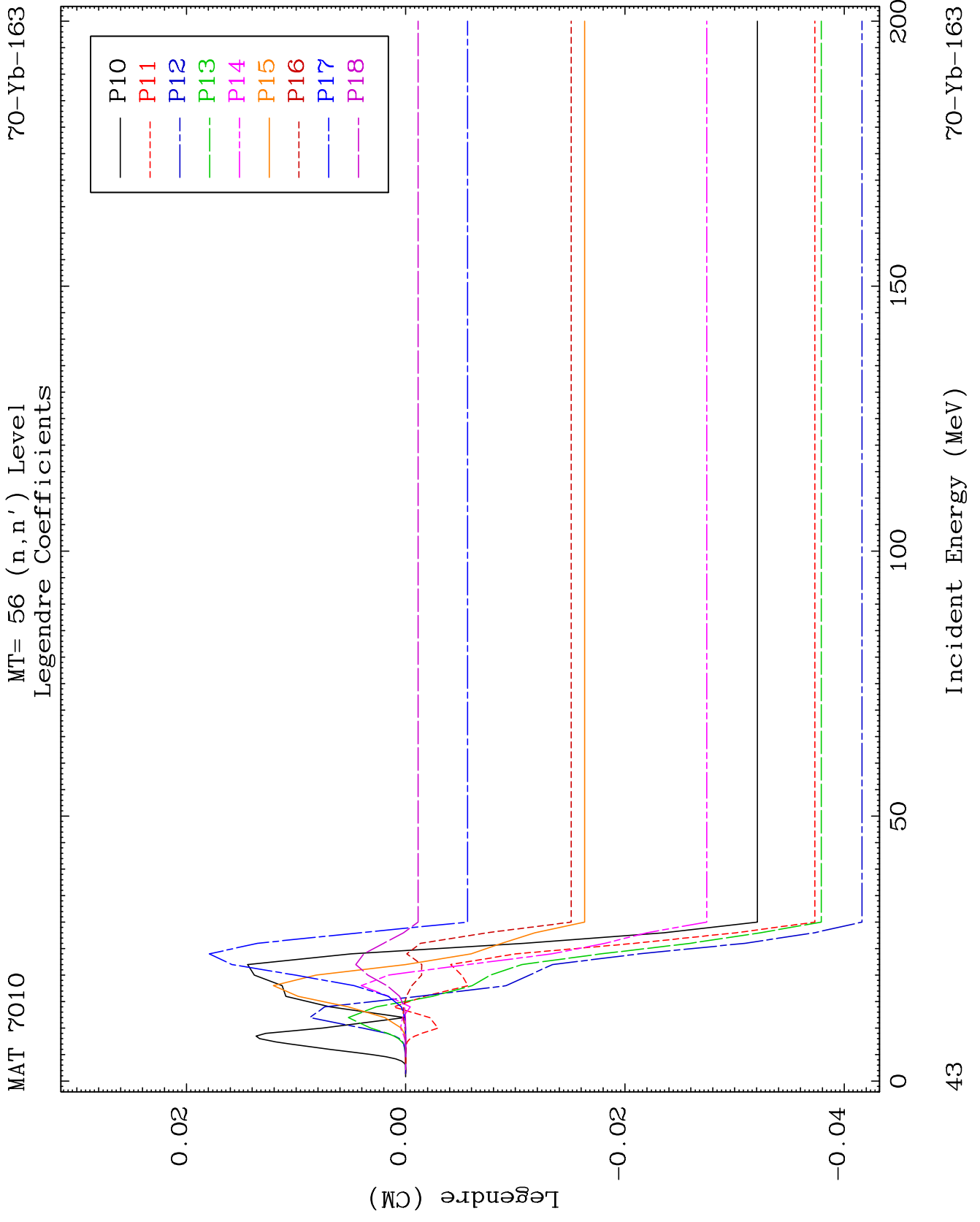
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70-Yb-163





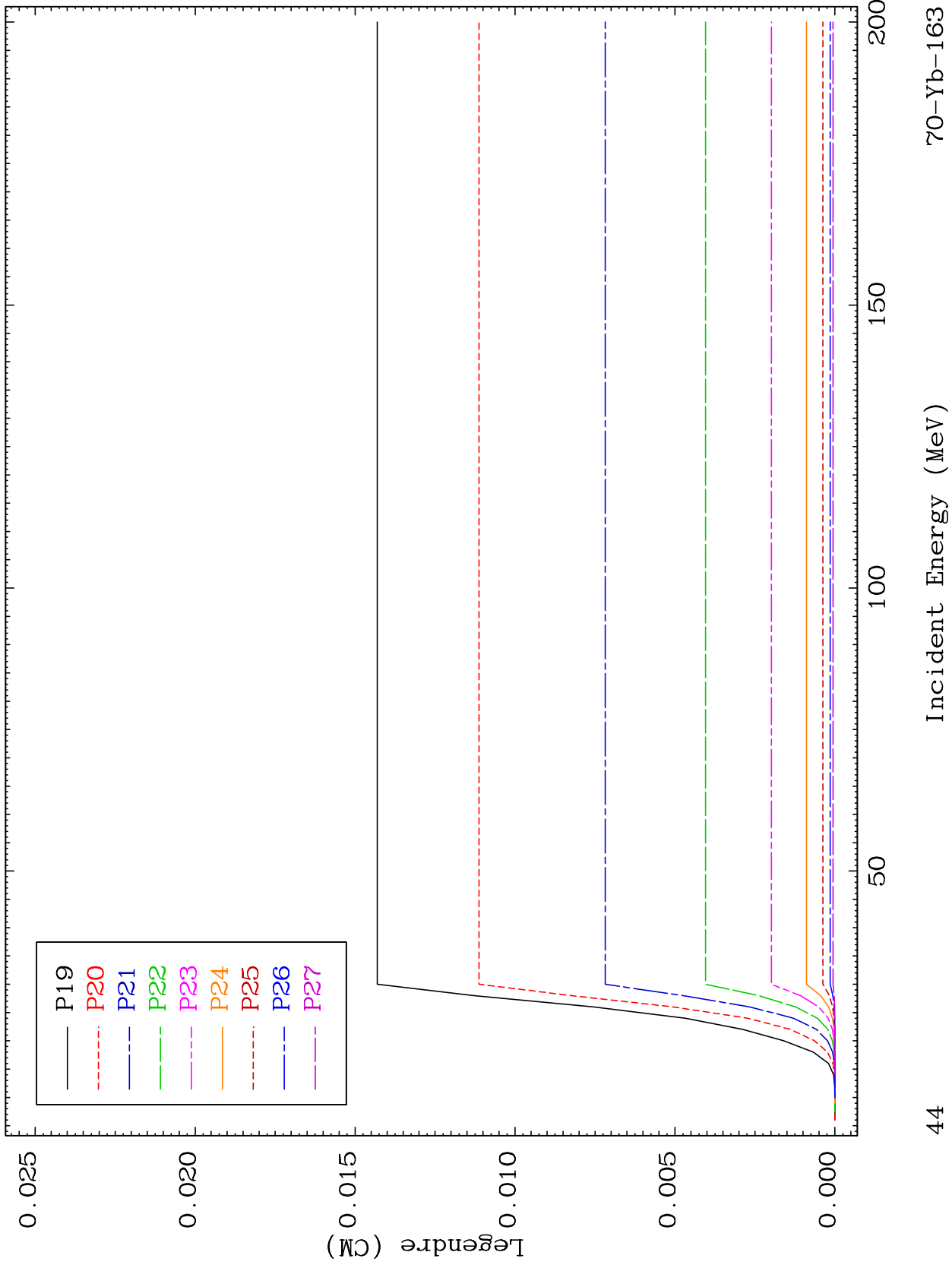




MAT 7010

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

70-Yb-163



44

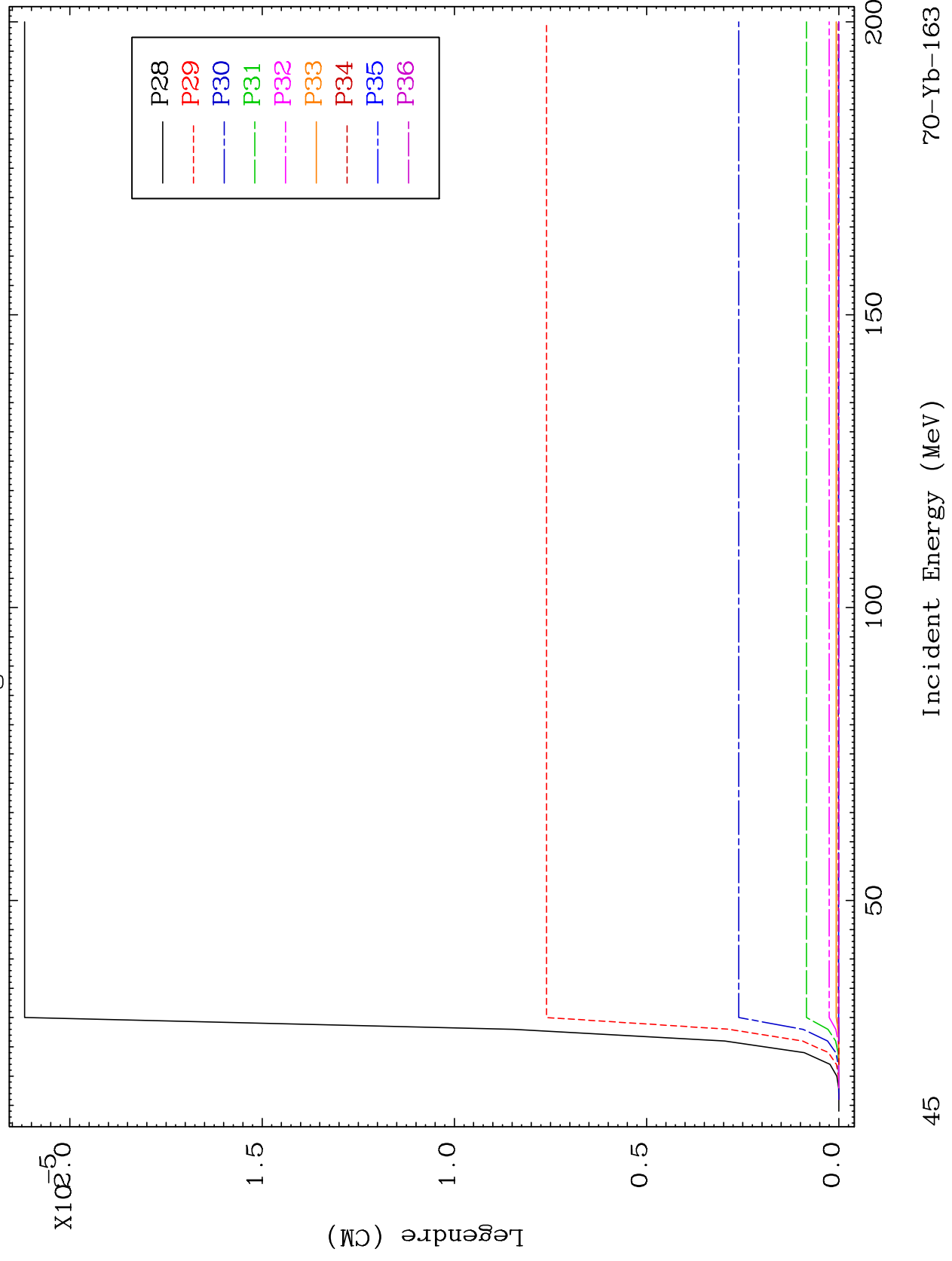
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

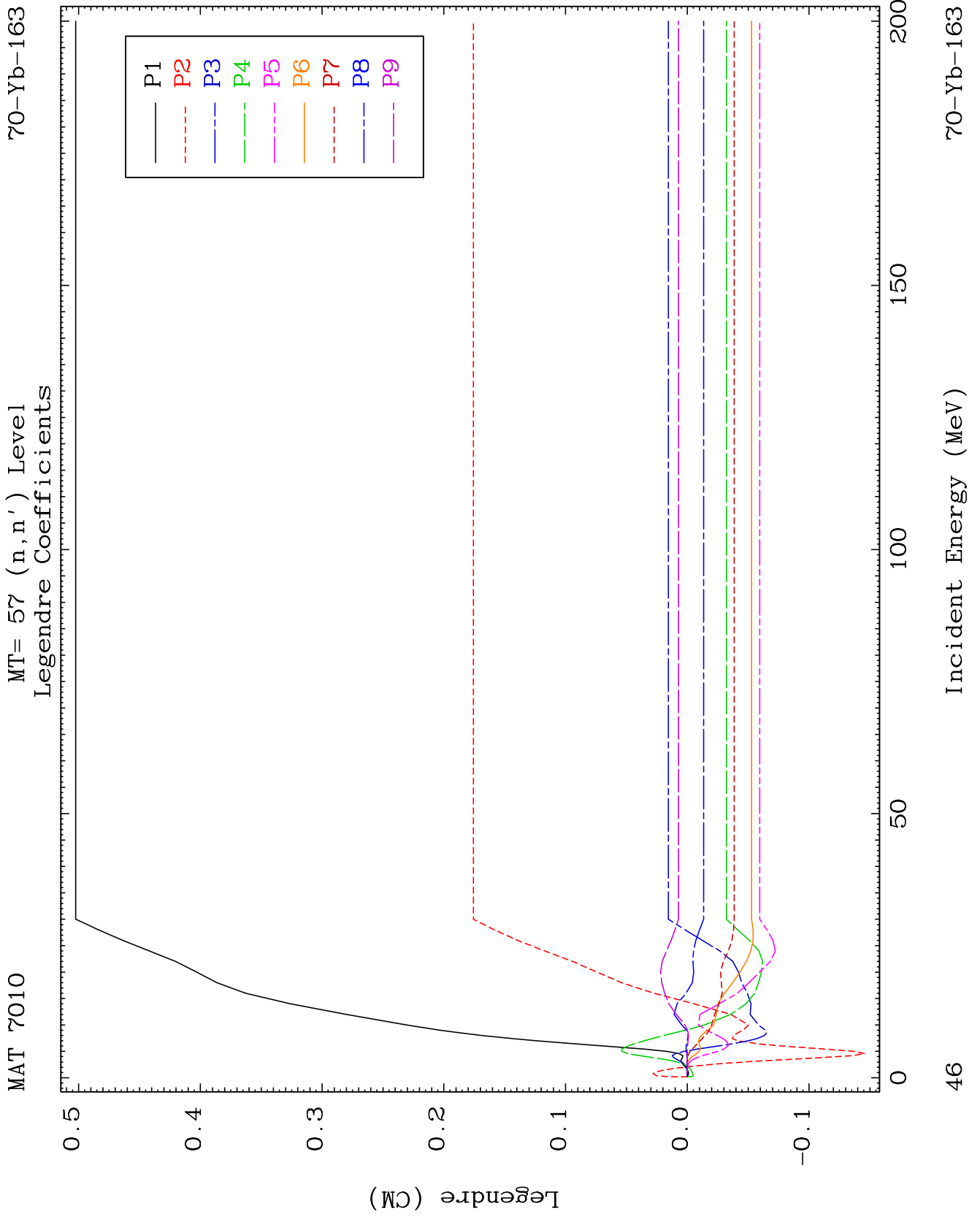
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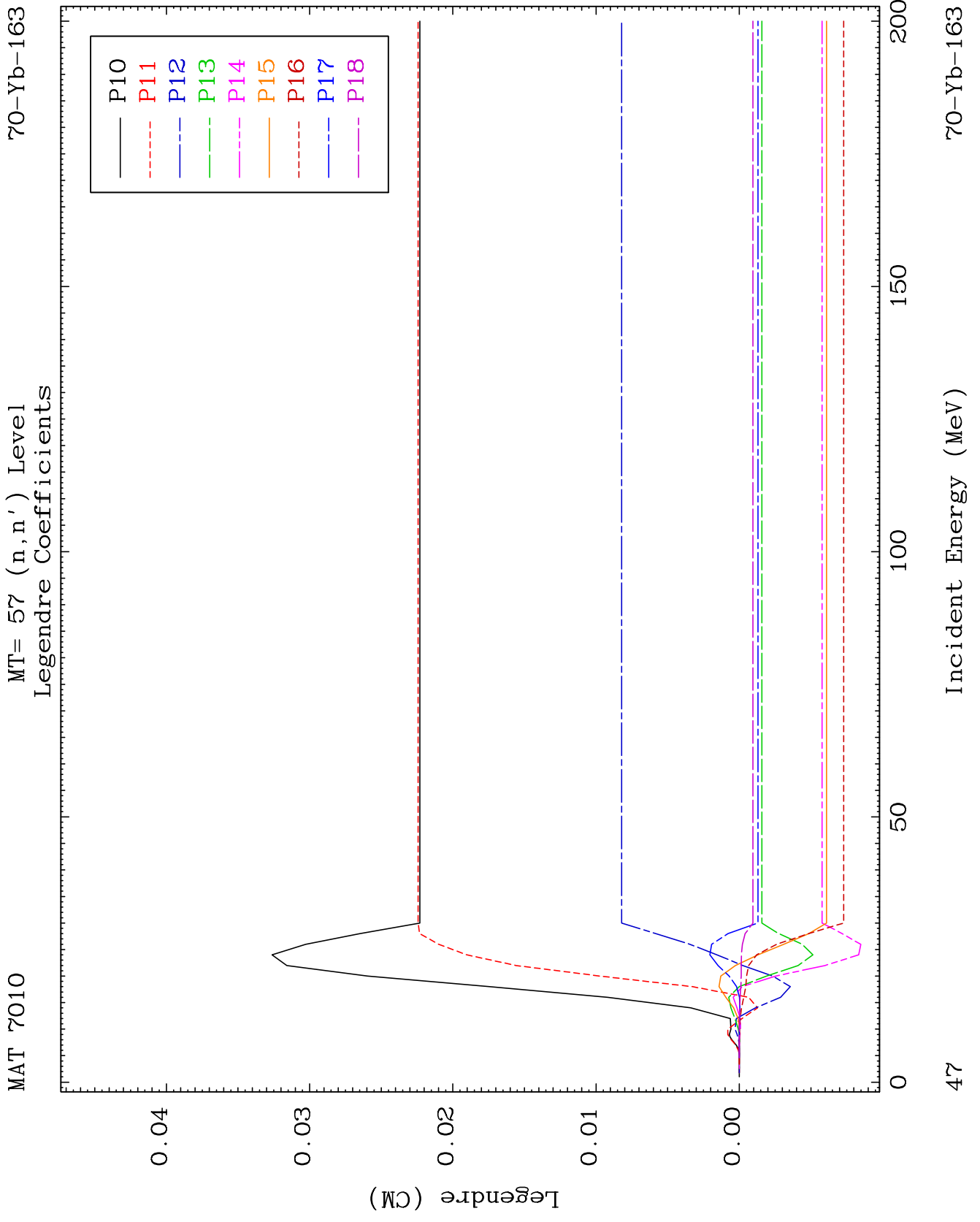


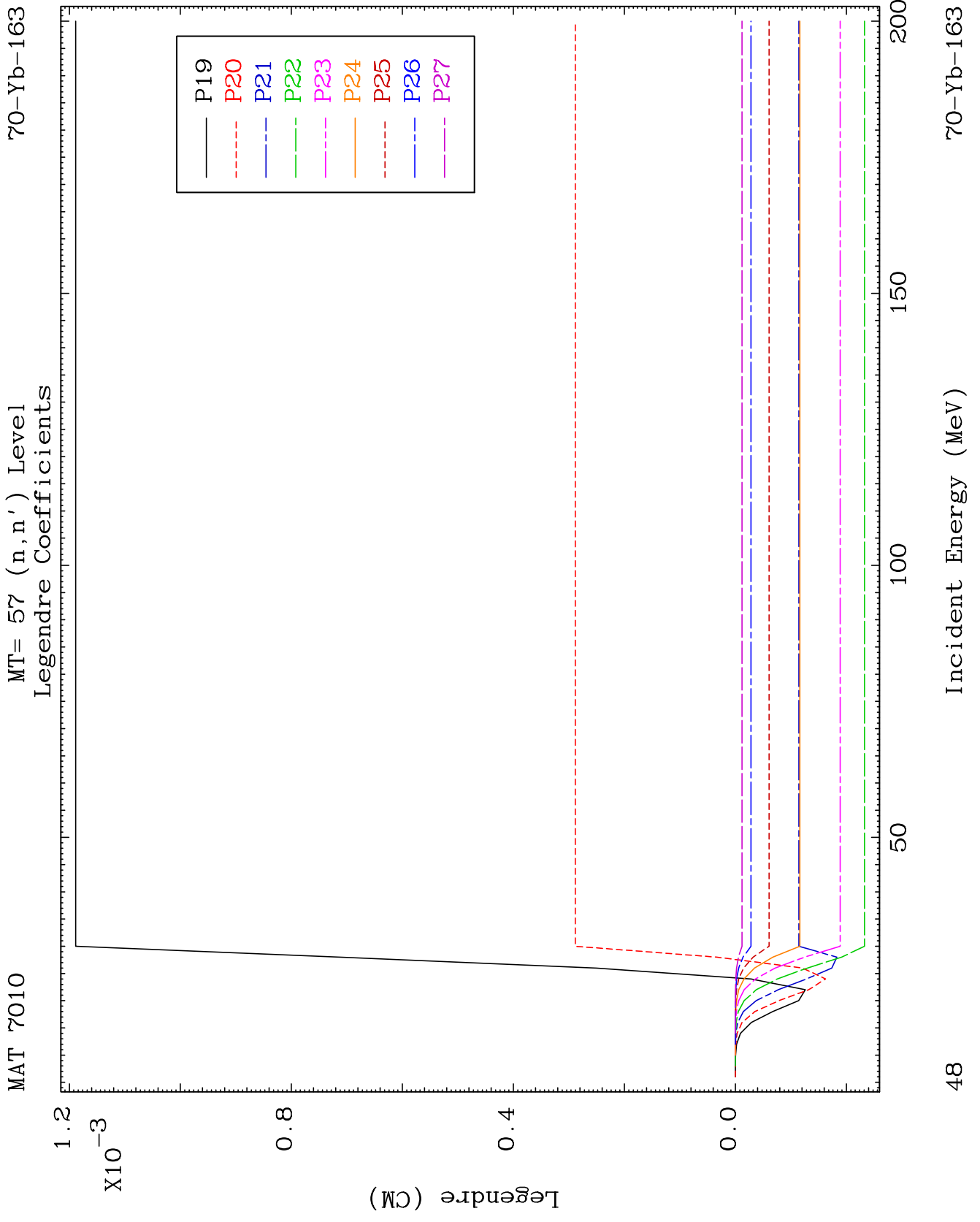
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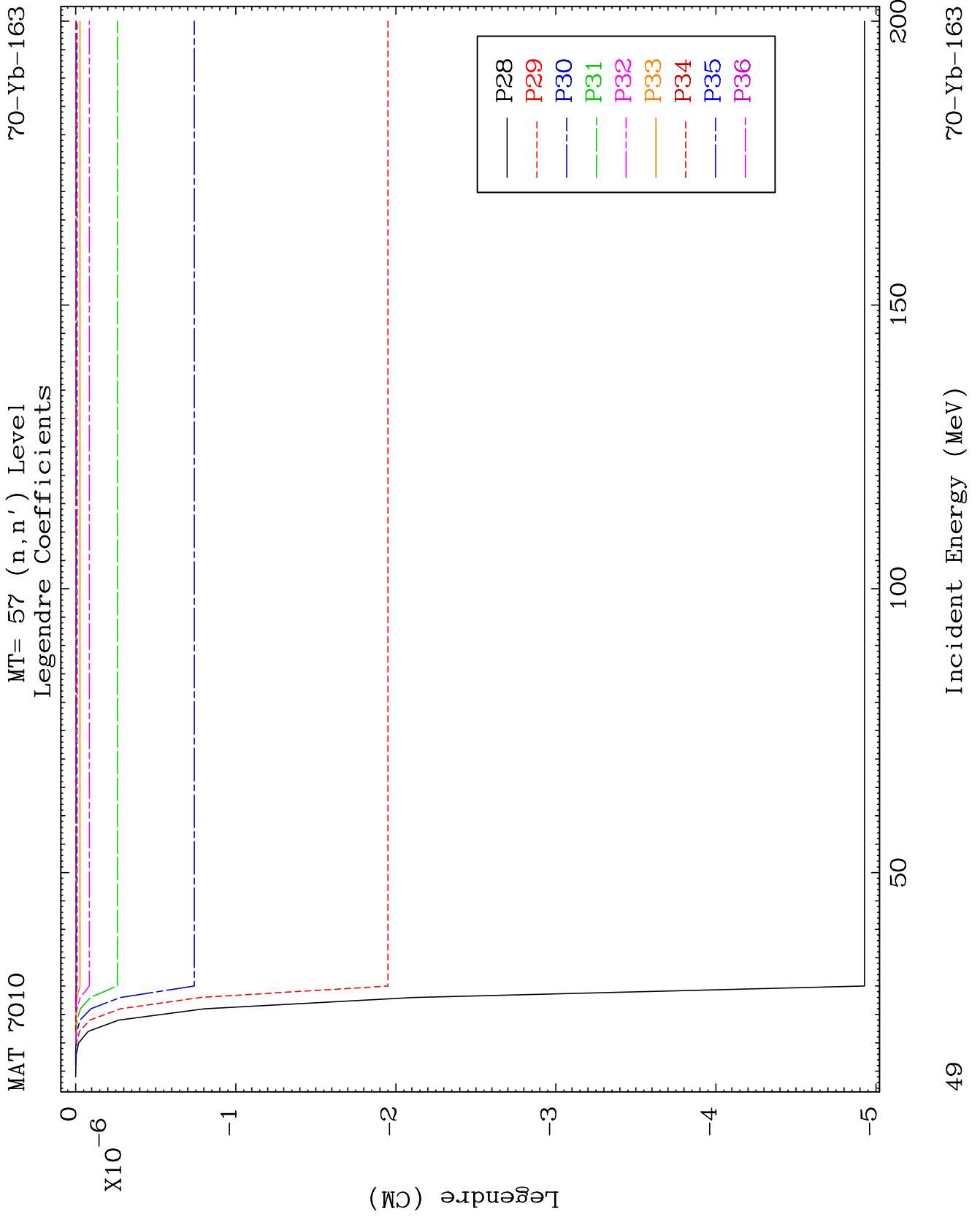
Incident Energy (MeV)

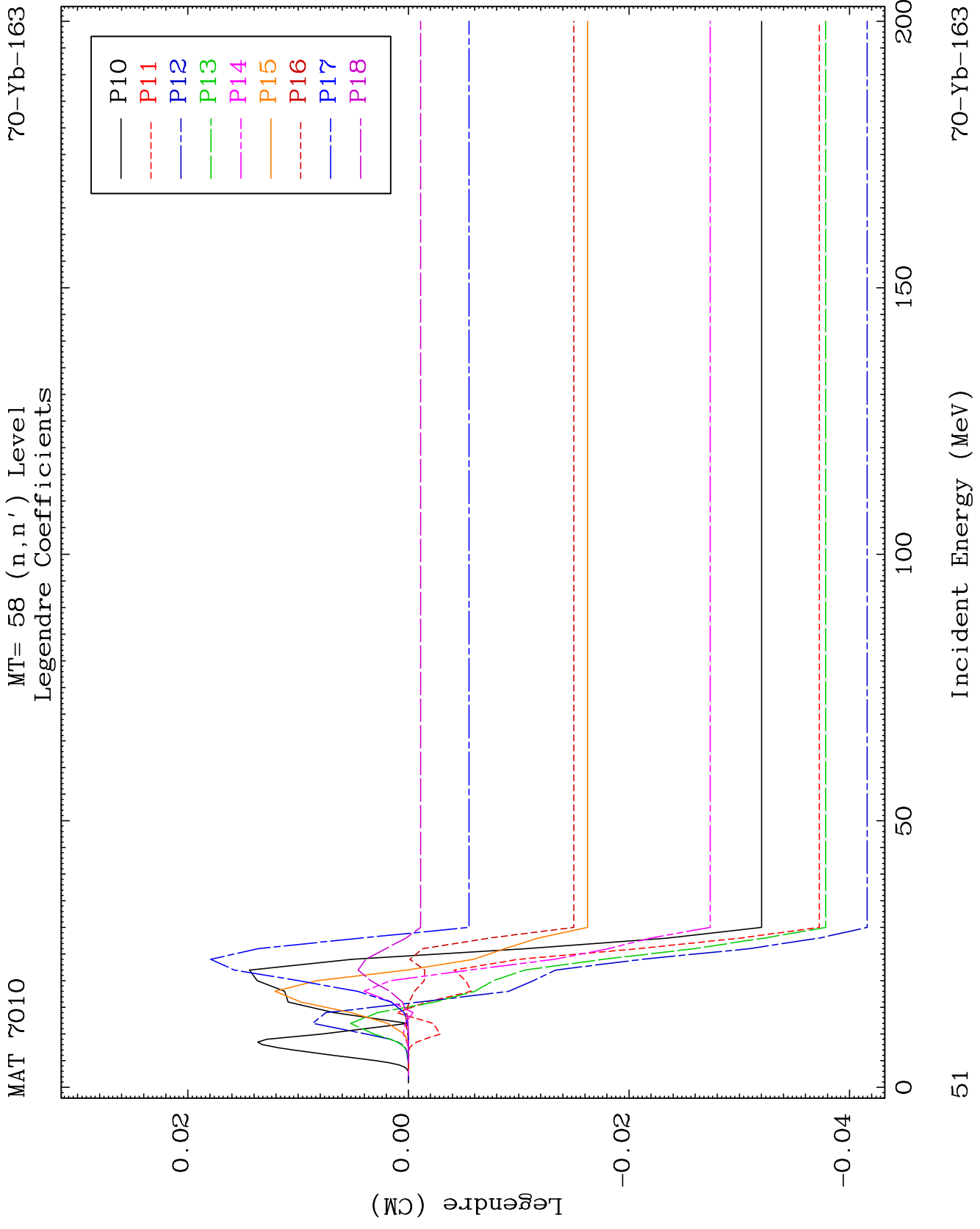
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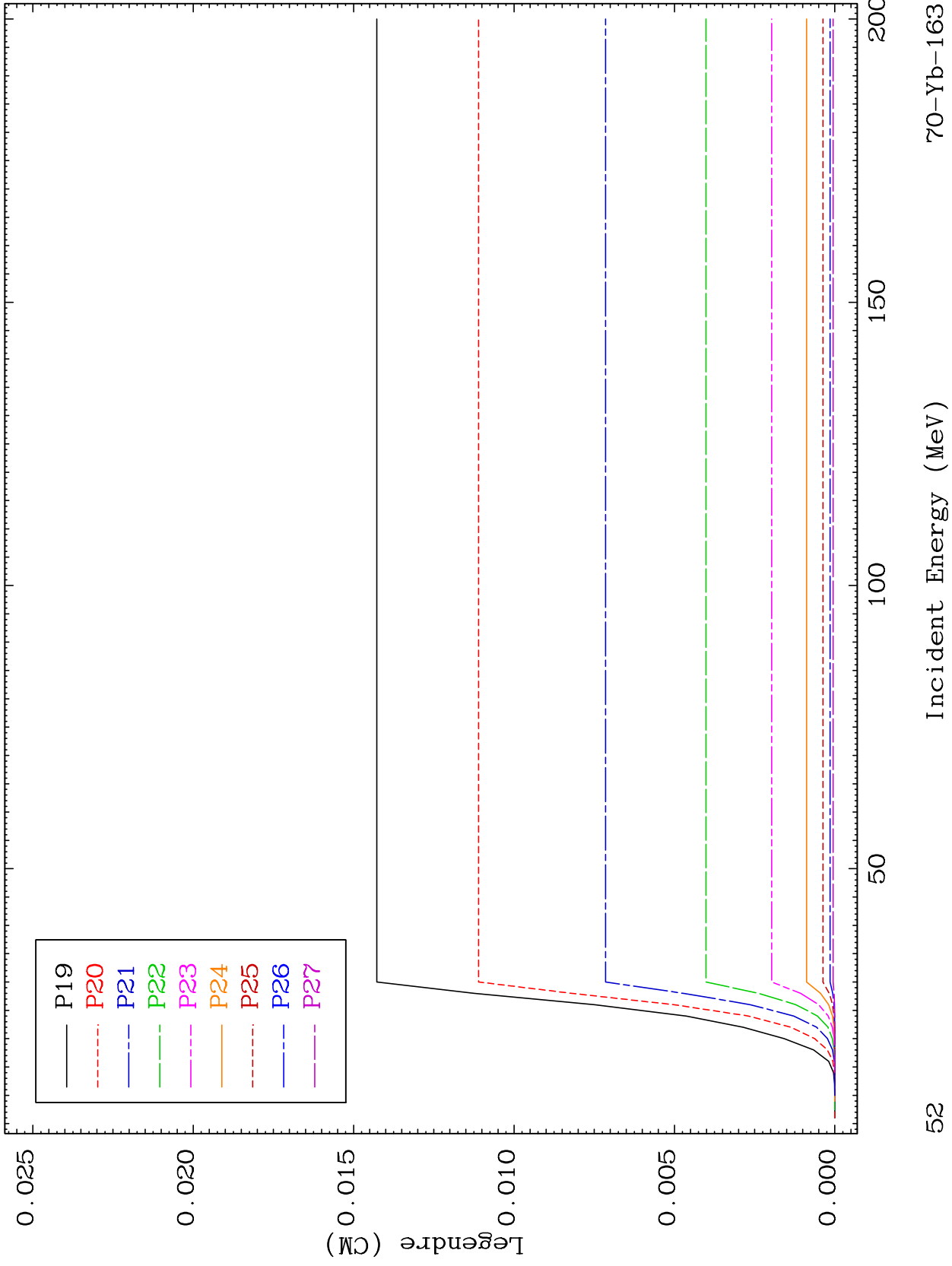




MAT 7010

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

70-Yb-163



52

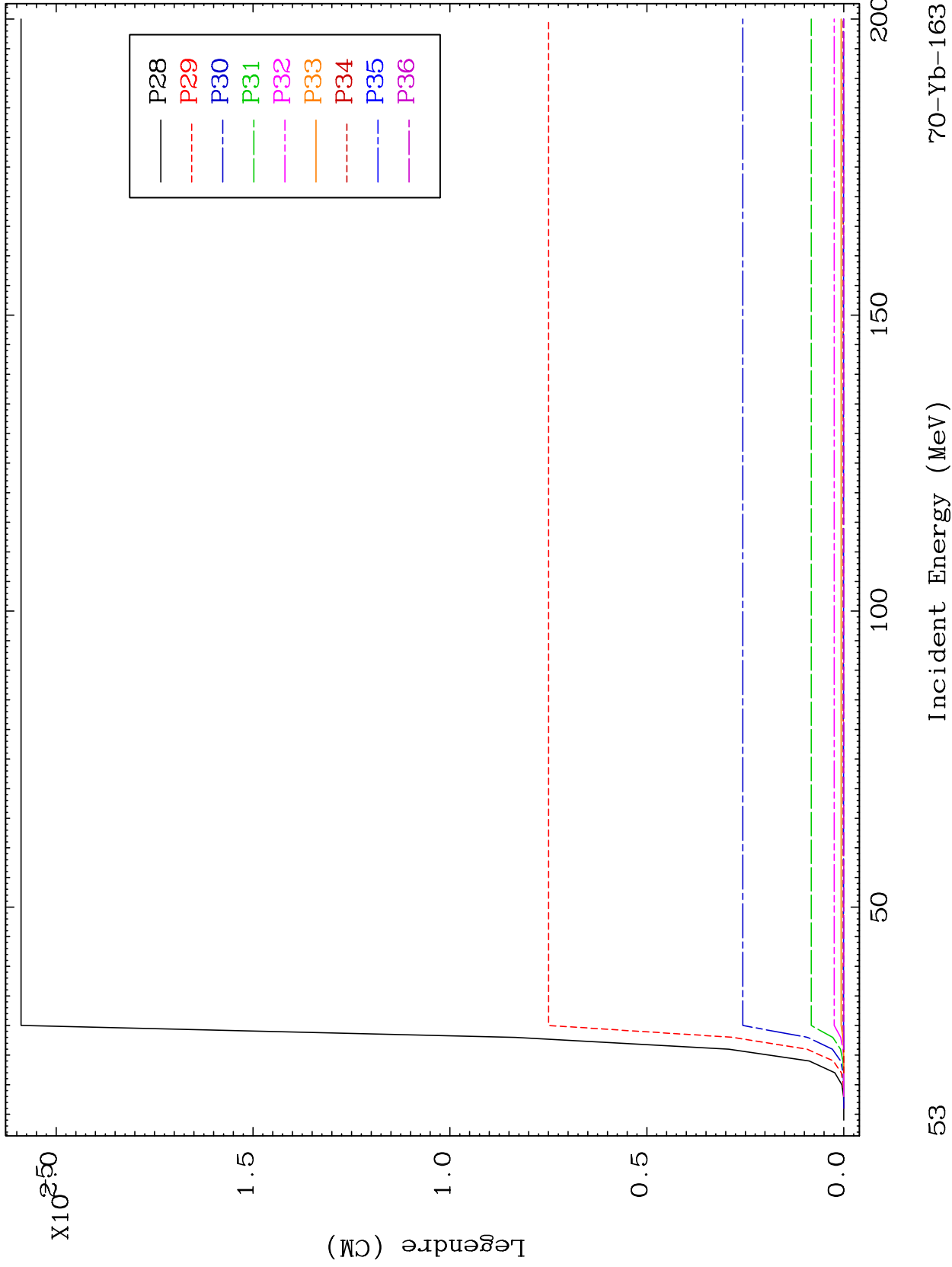
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

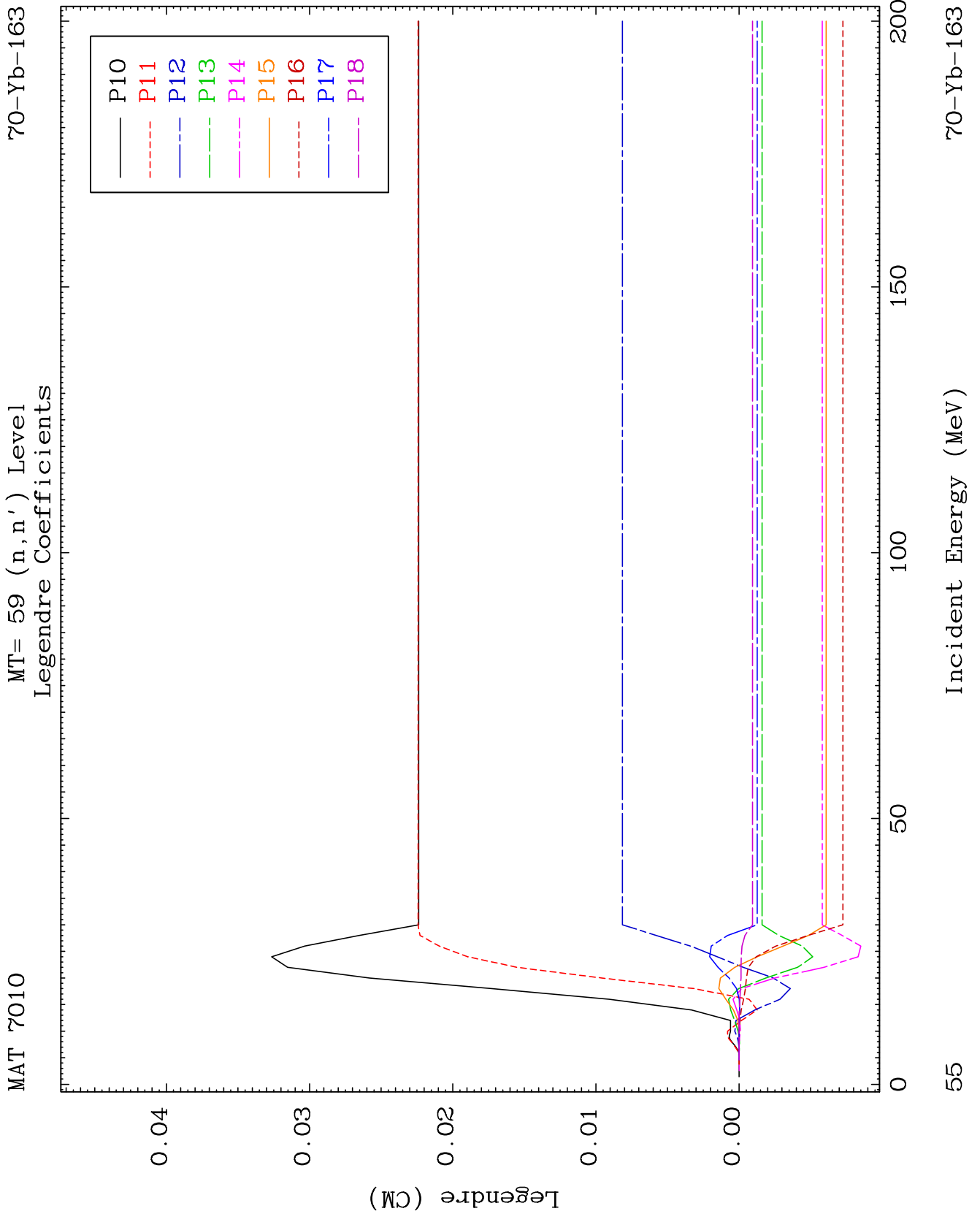
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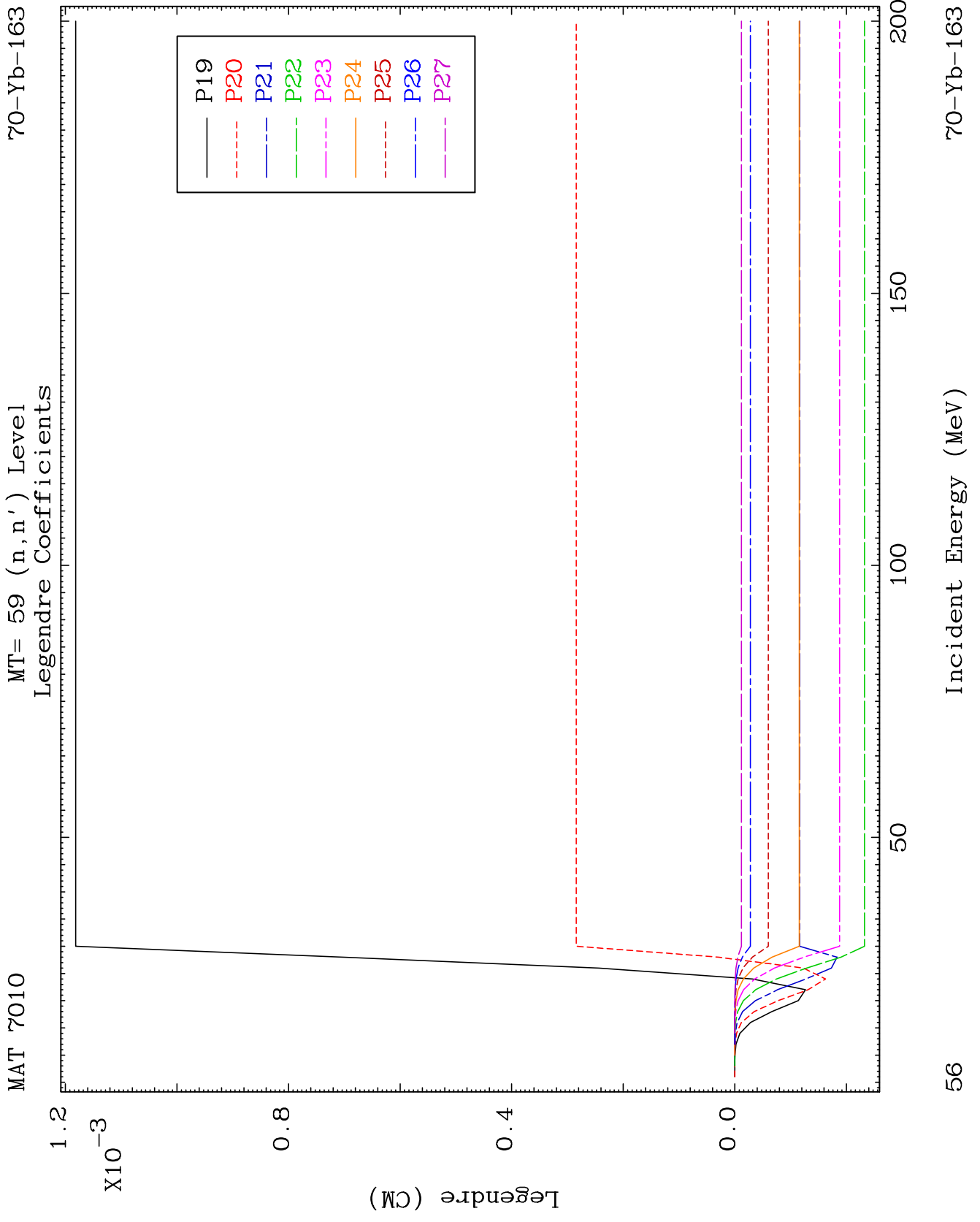


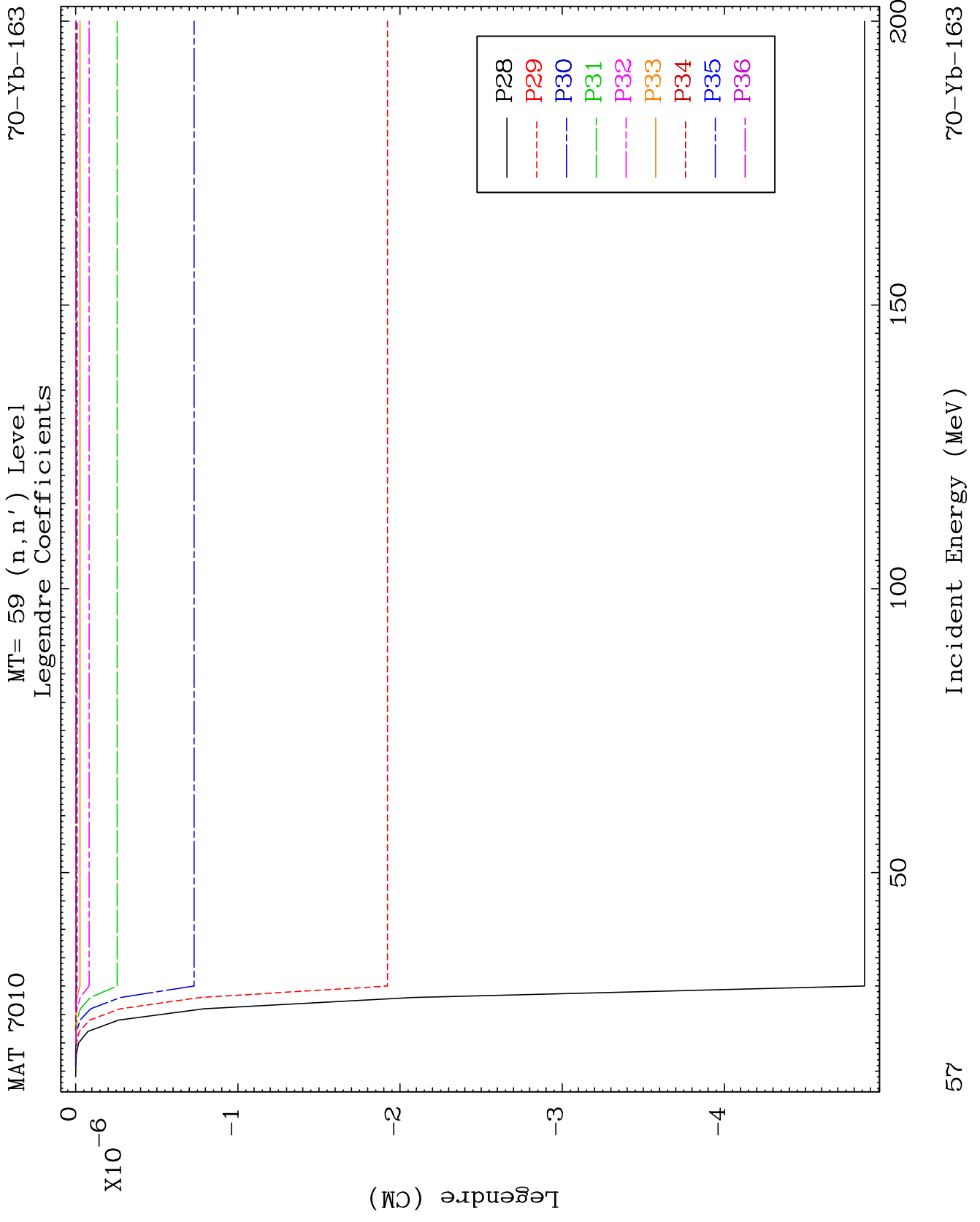
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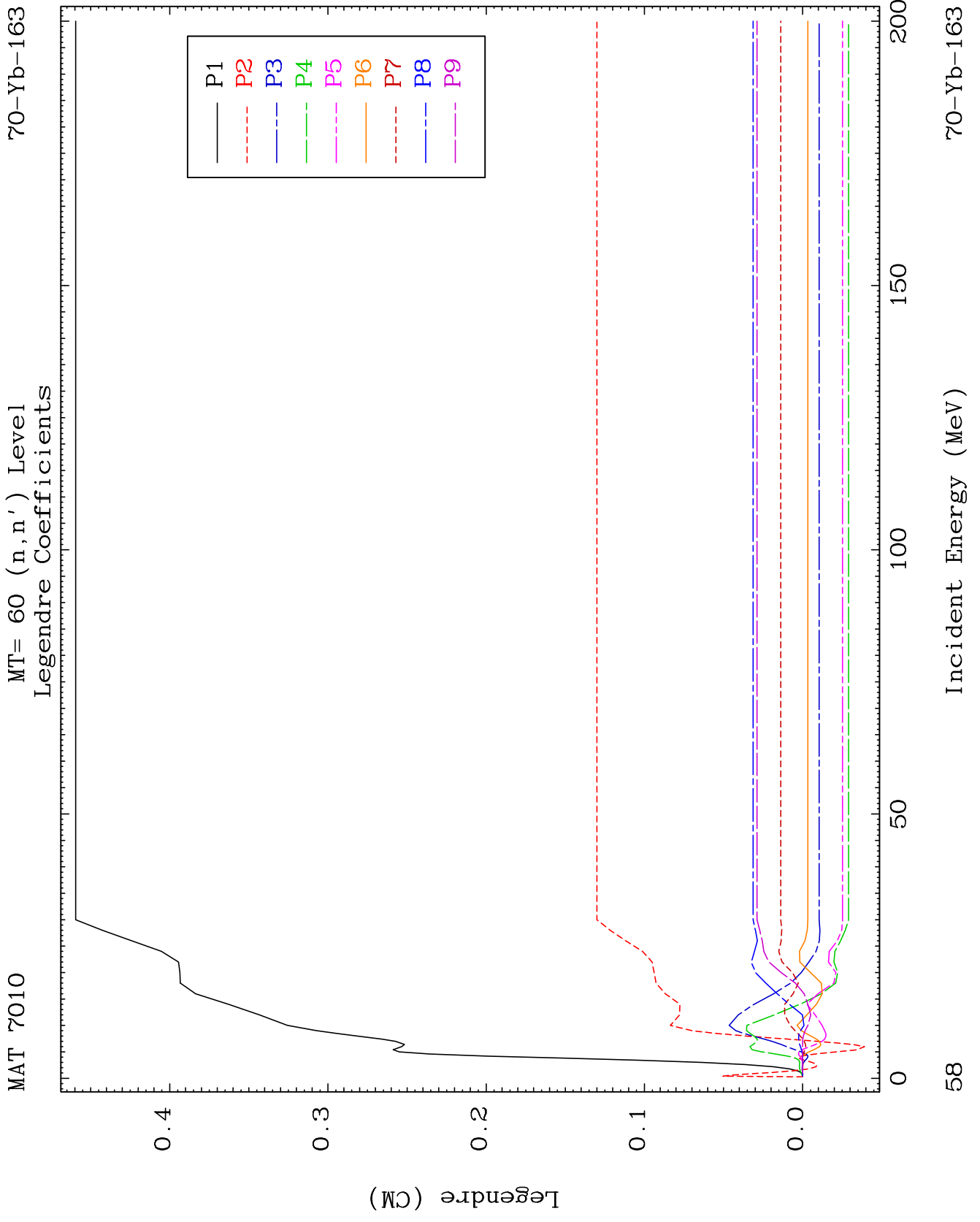
Incident Energy (MeV)

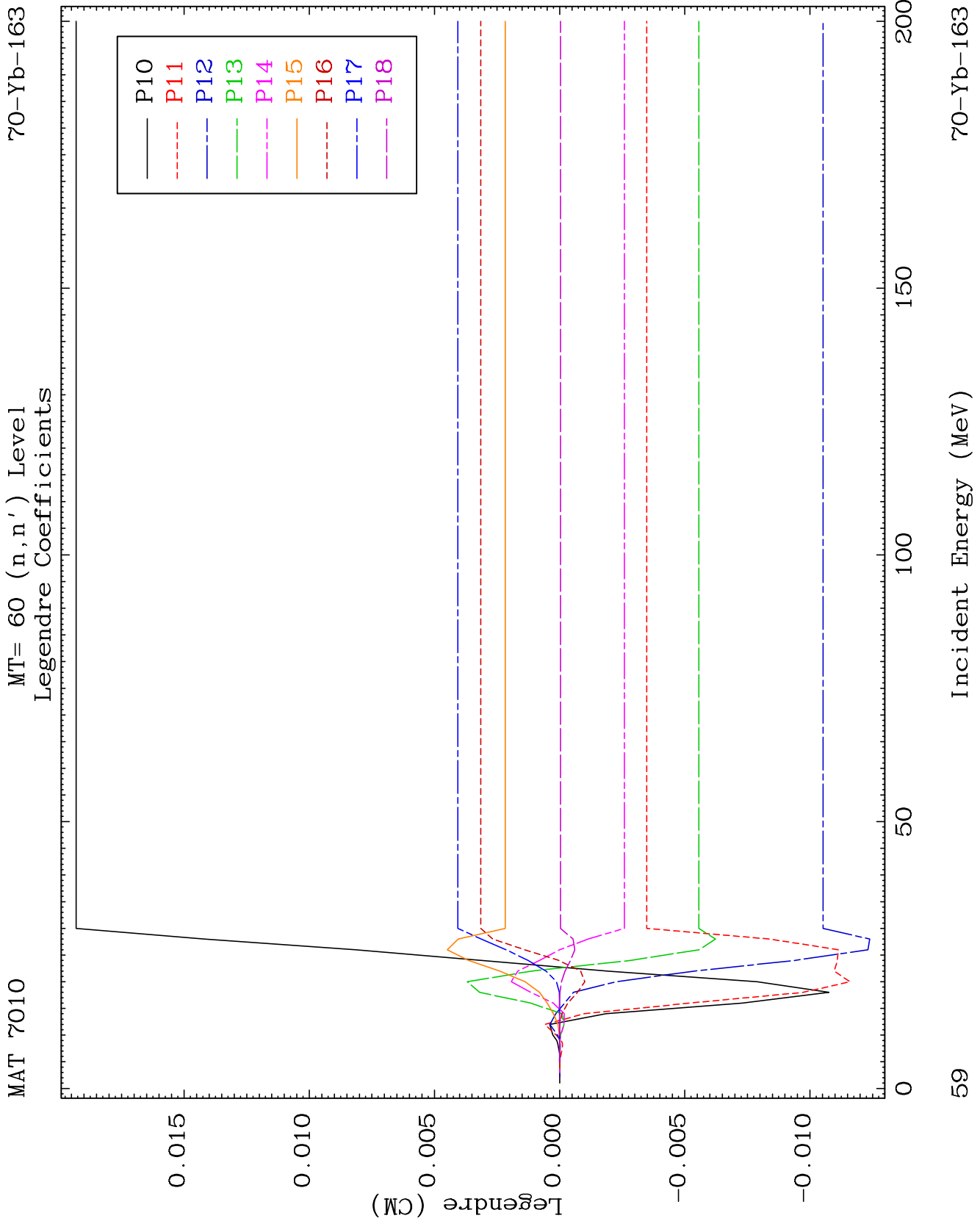
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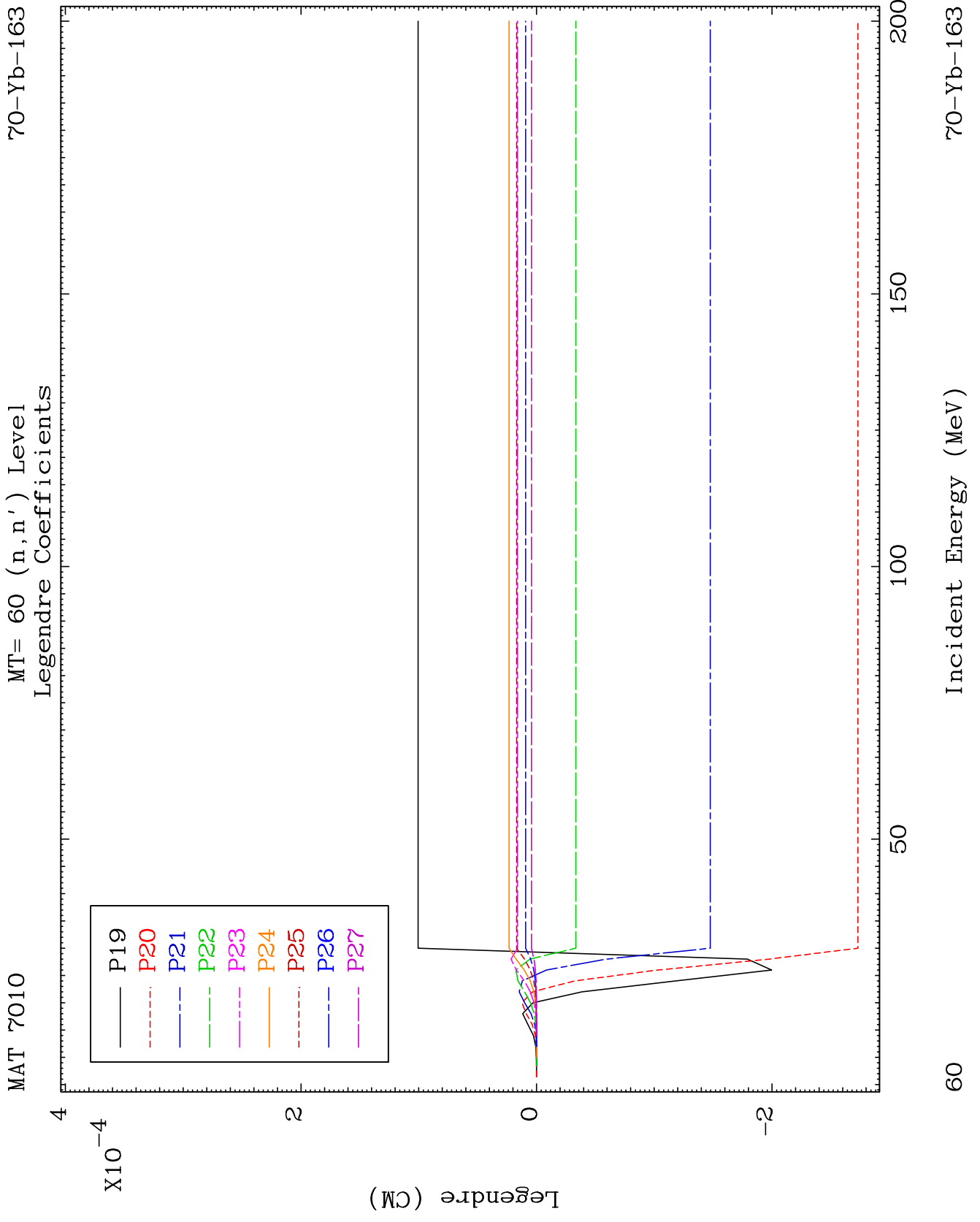








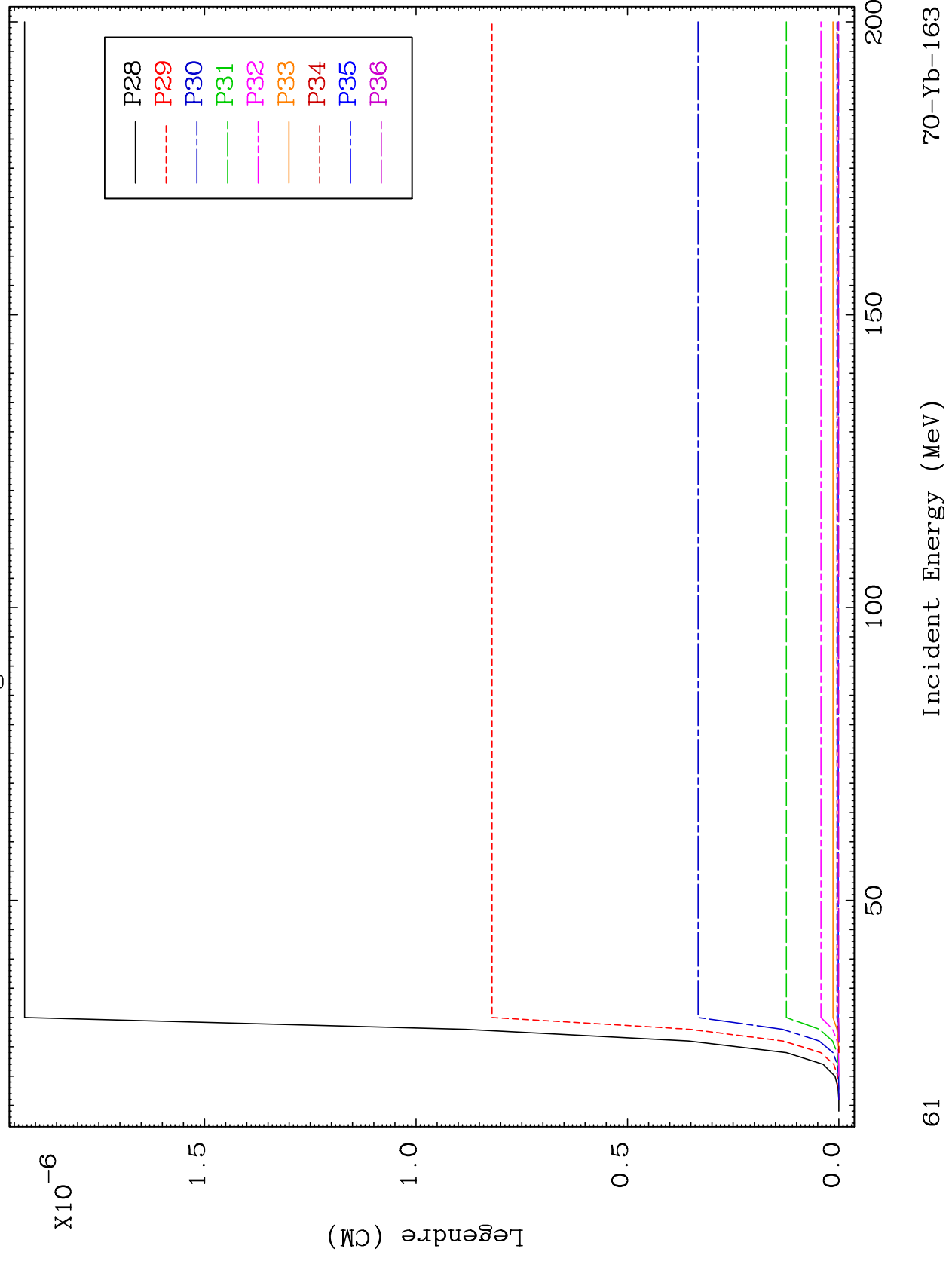




MAT 7010

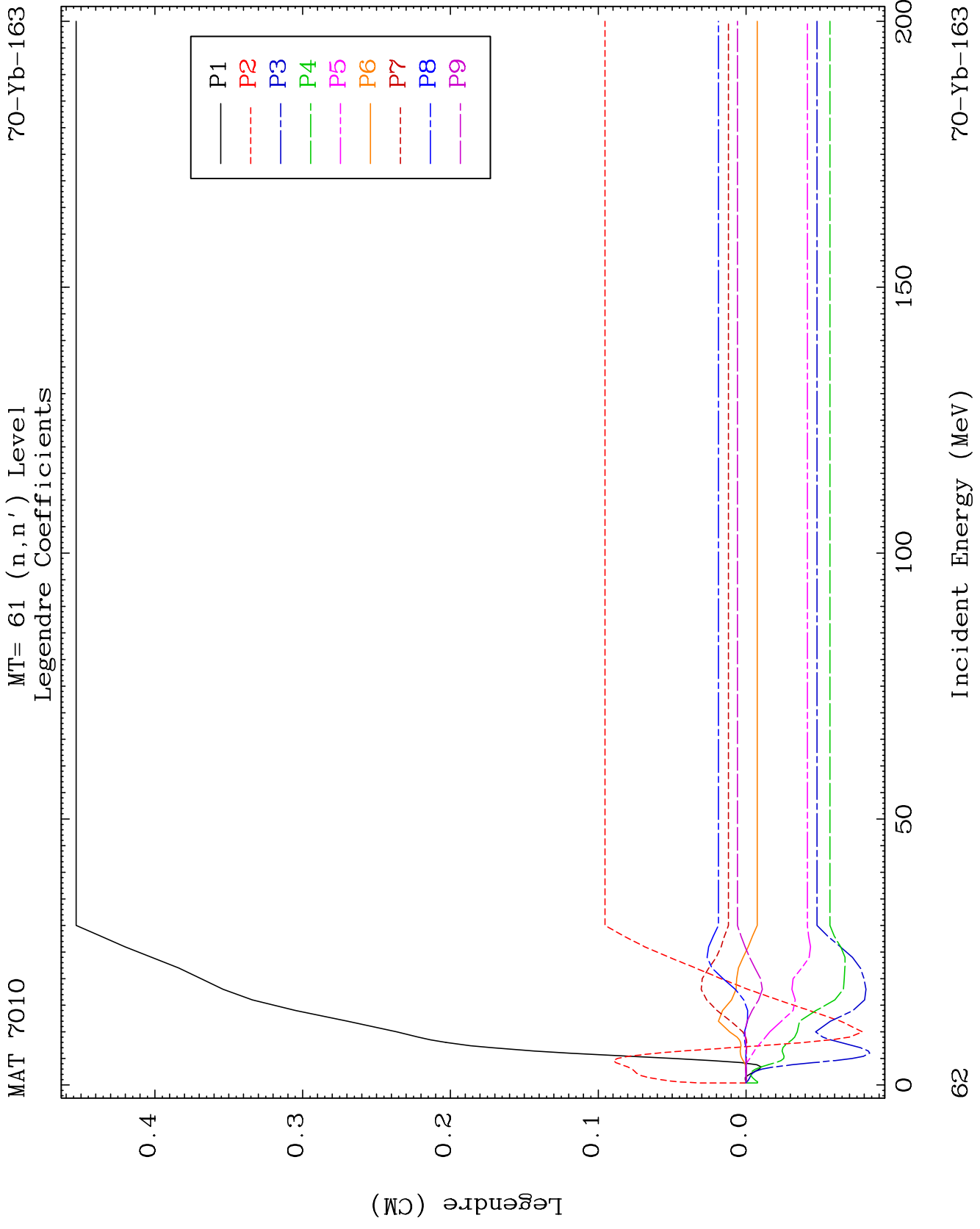
MT= 60 (n,n') Level
Legendre Coefficients

70-Yb-163



61

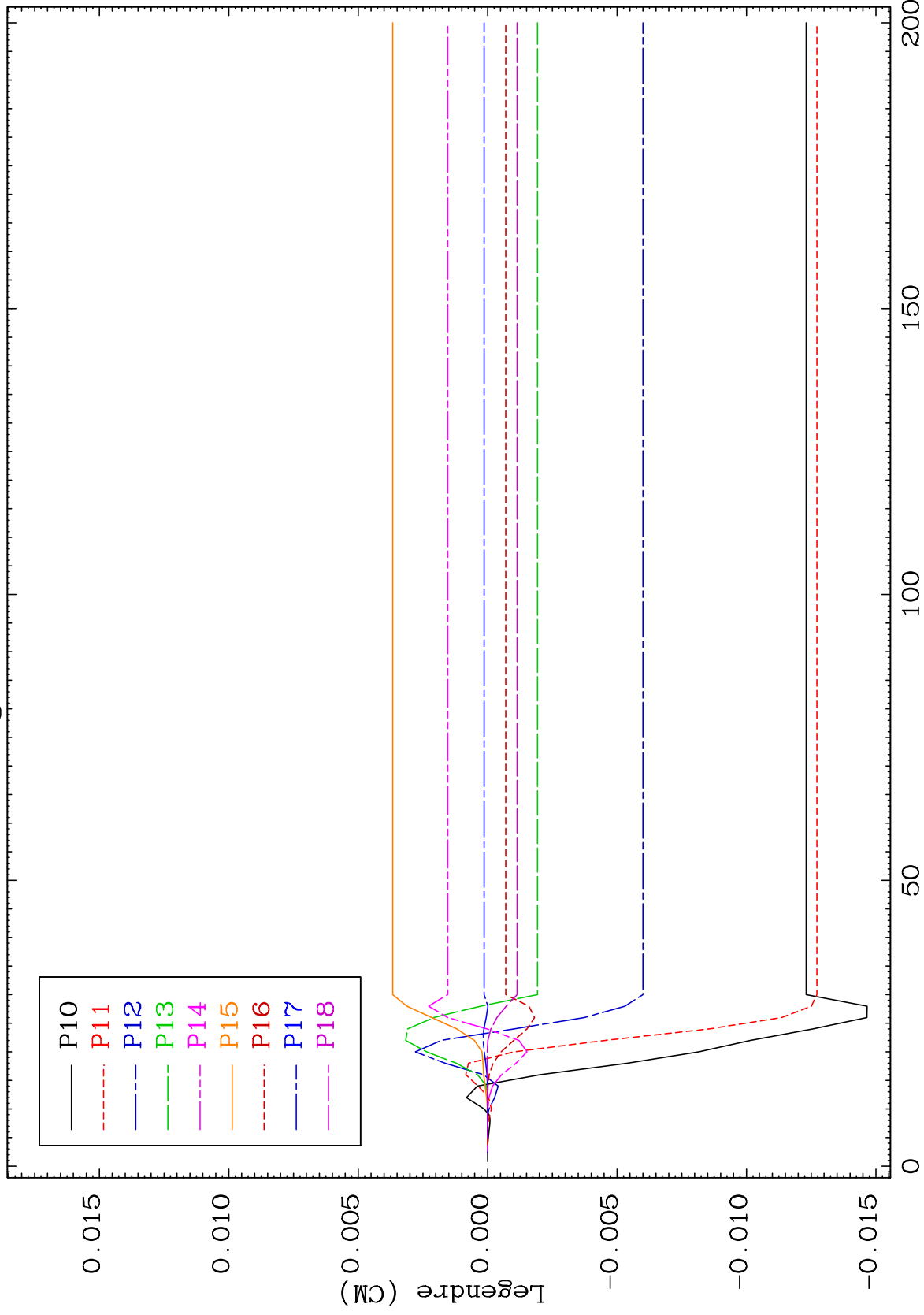
70-Yb-163



MAT 7010

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

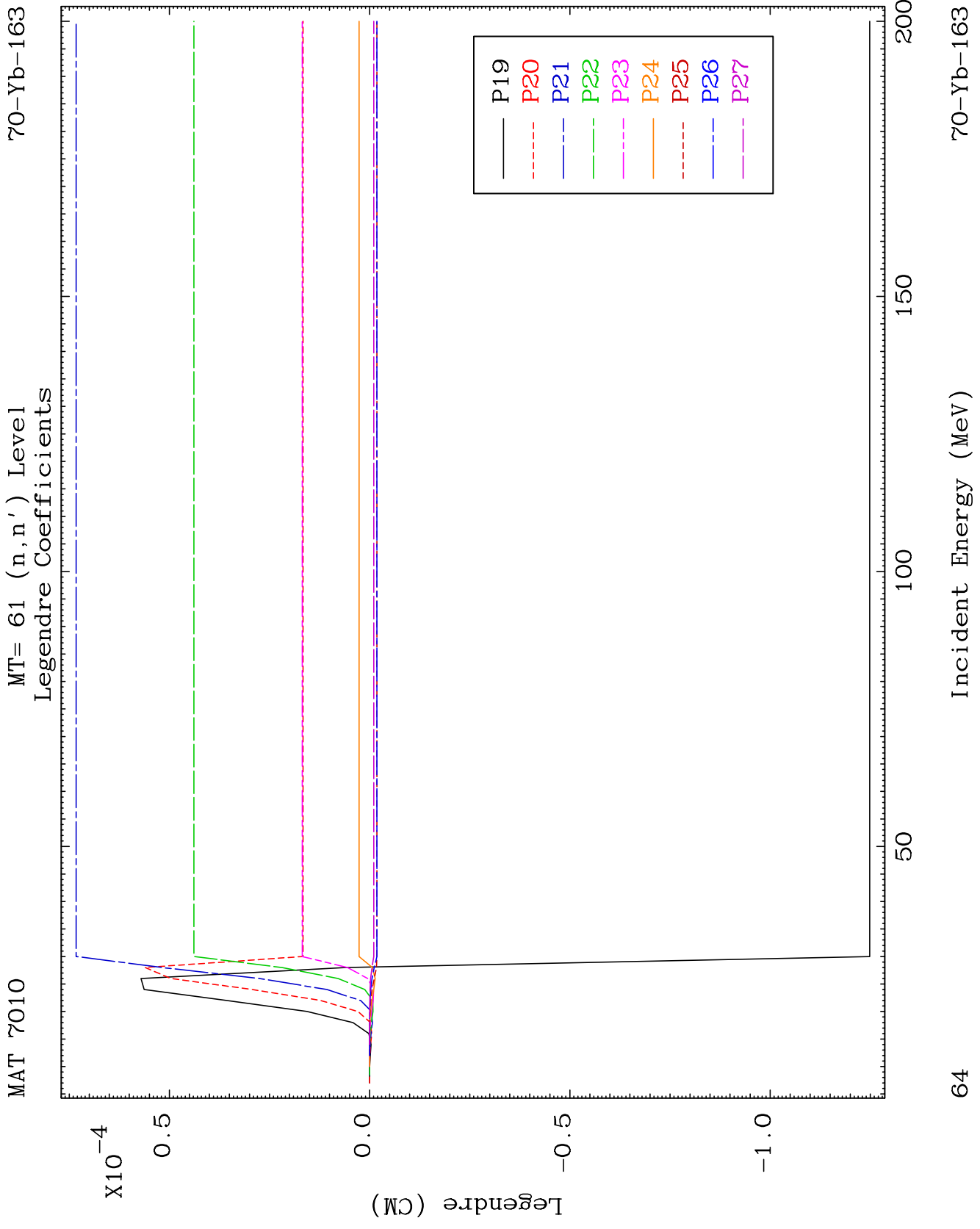
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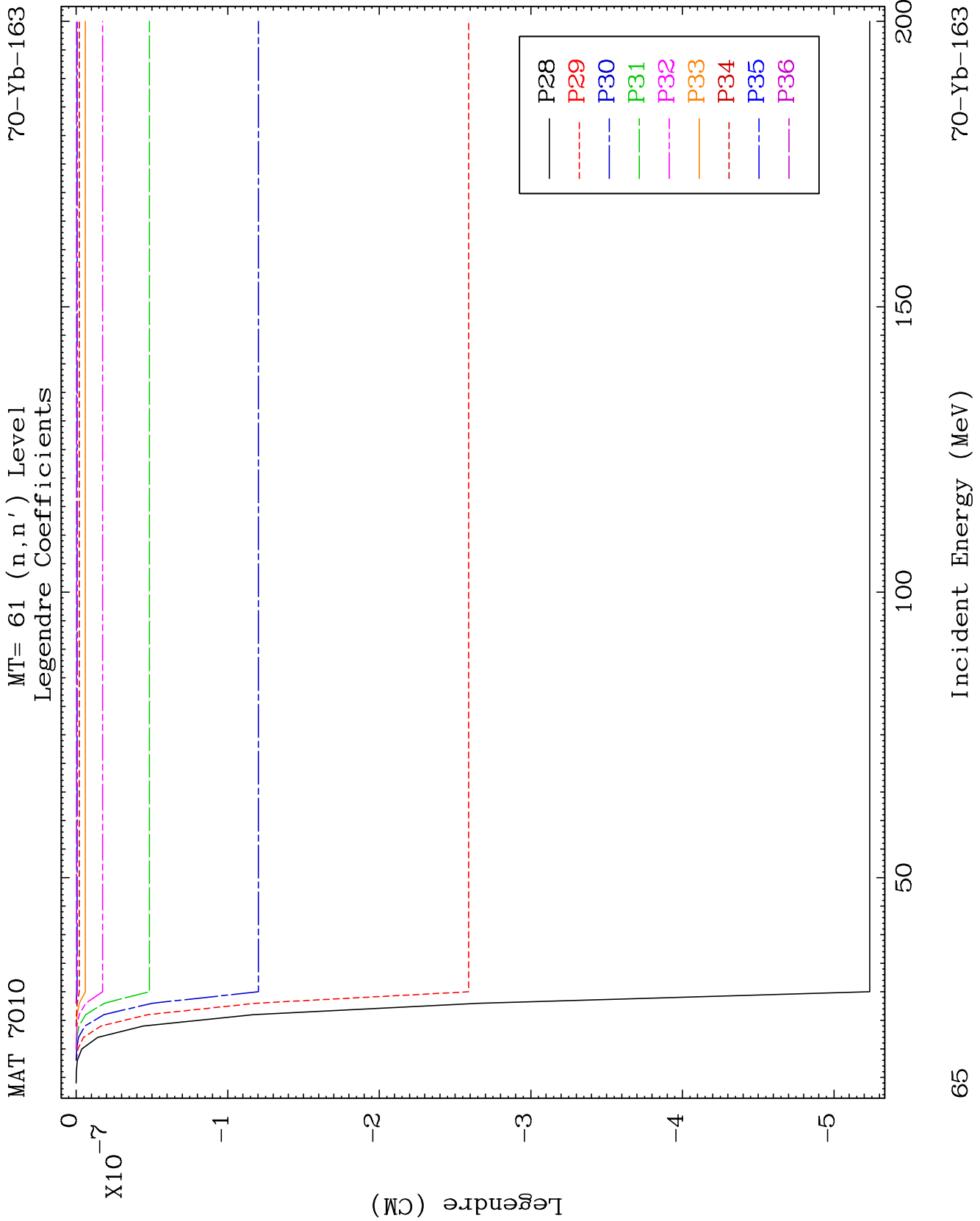


63

Incident Energy (MeV)

70-Yb-163

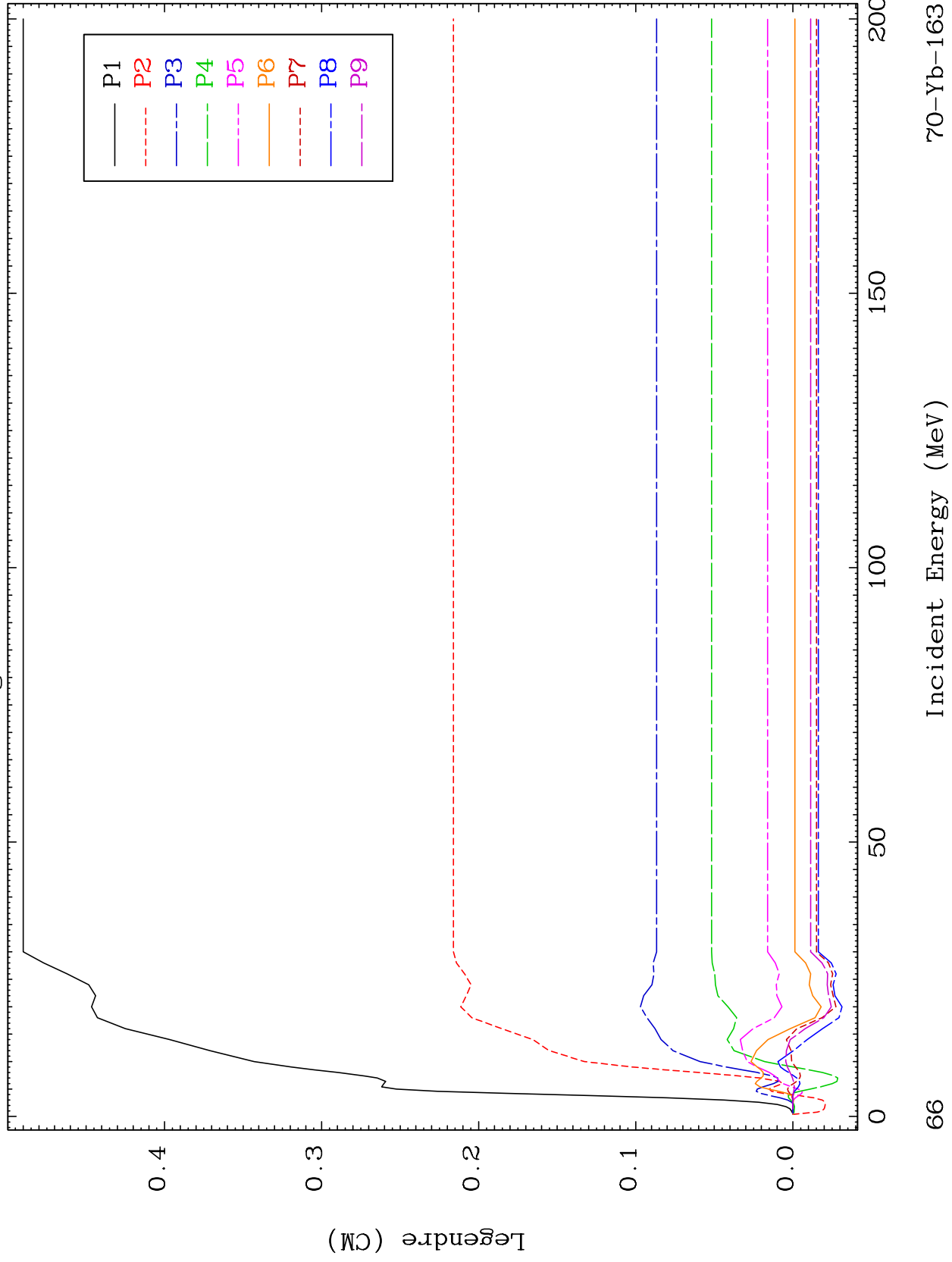




MAT 7010

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

70-Yb-163



66

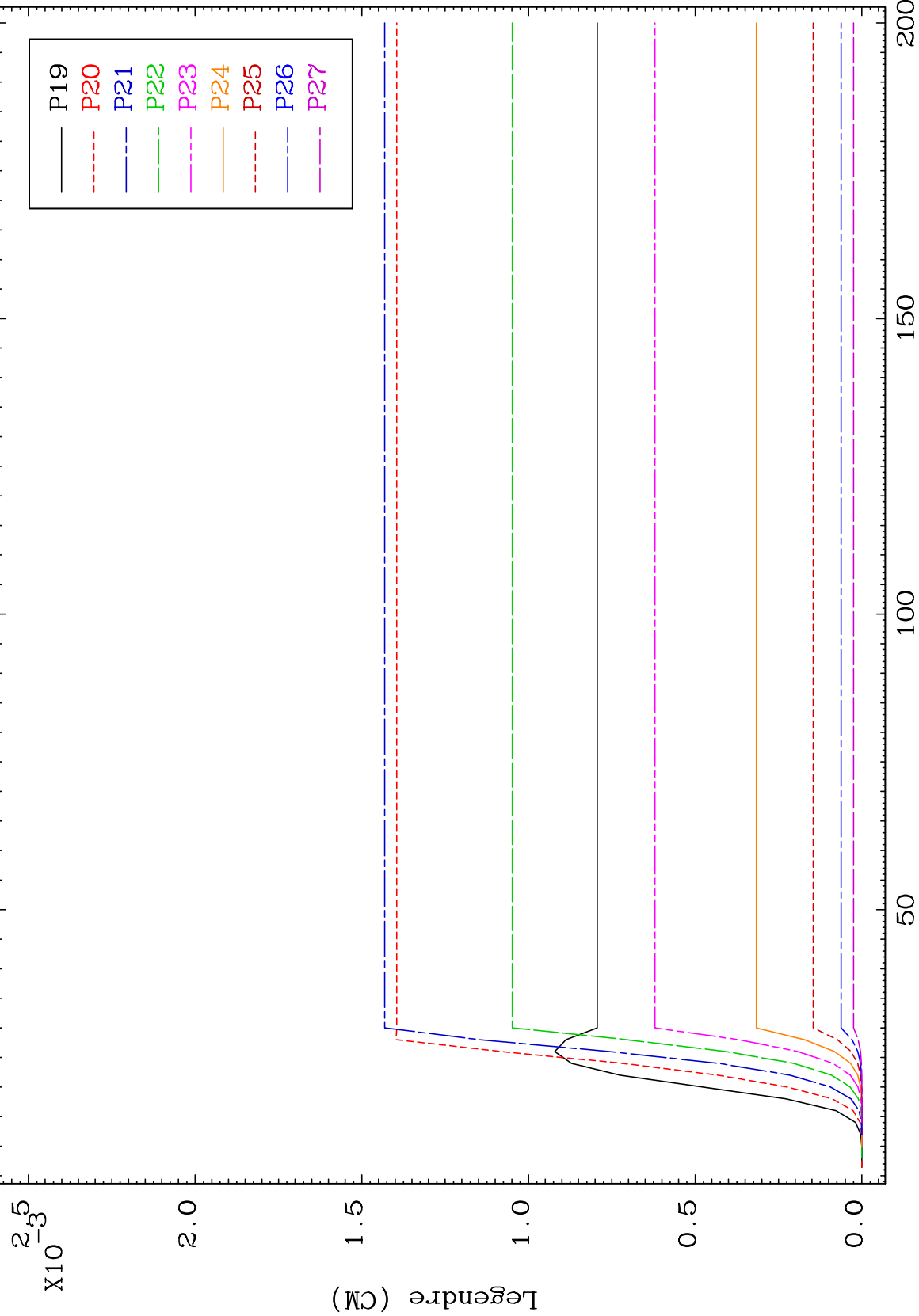
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



68

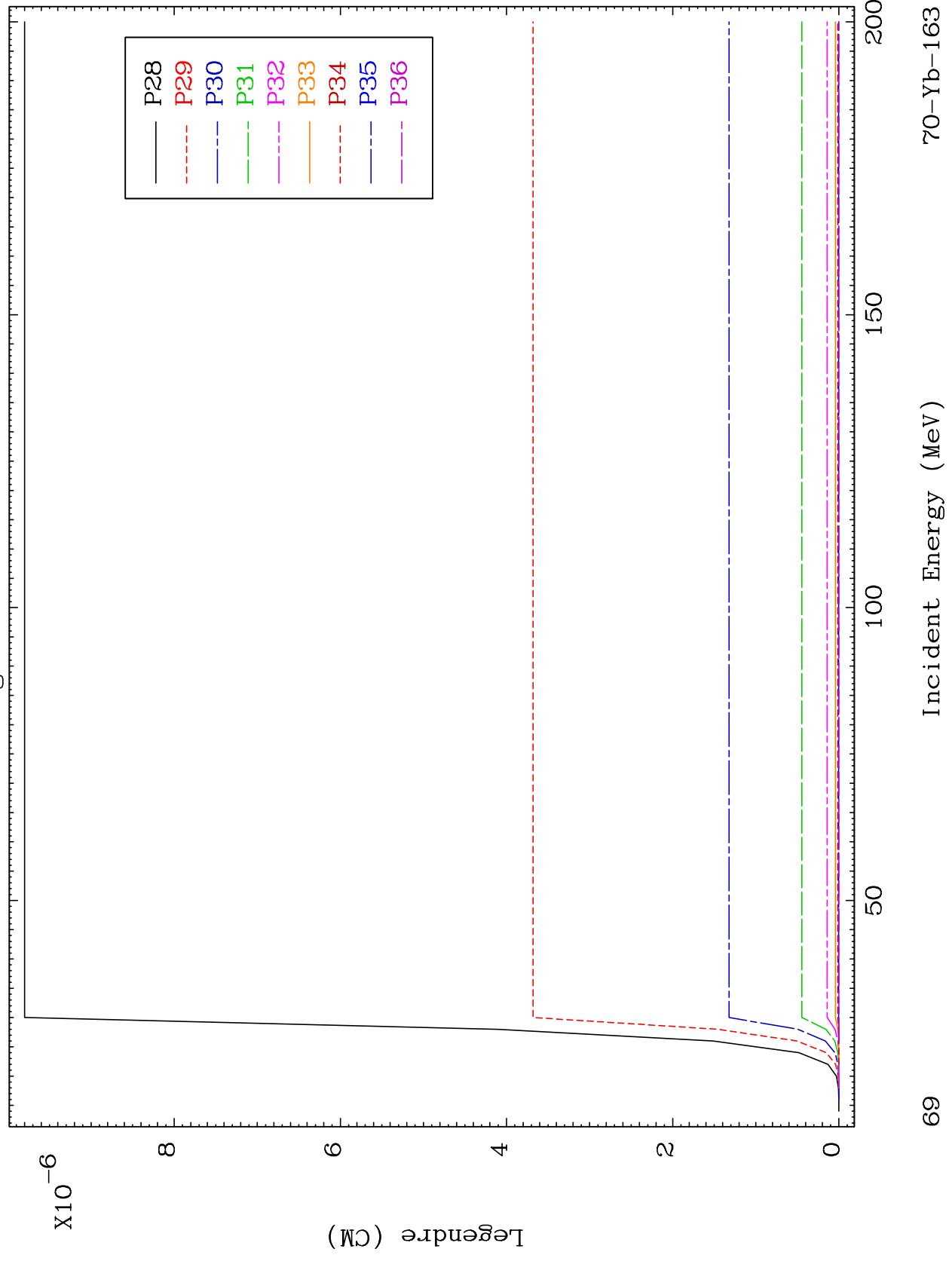
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

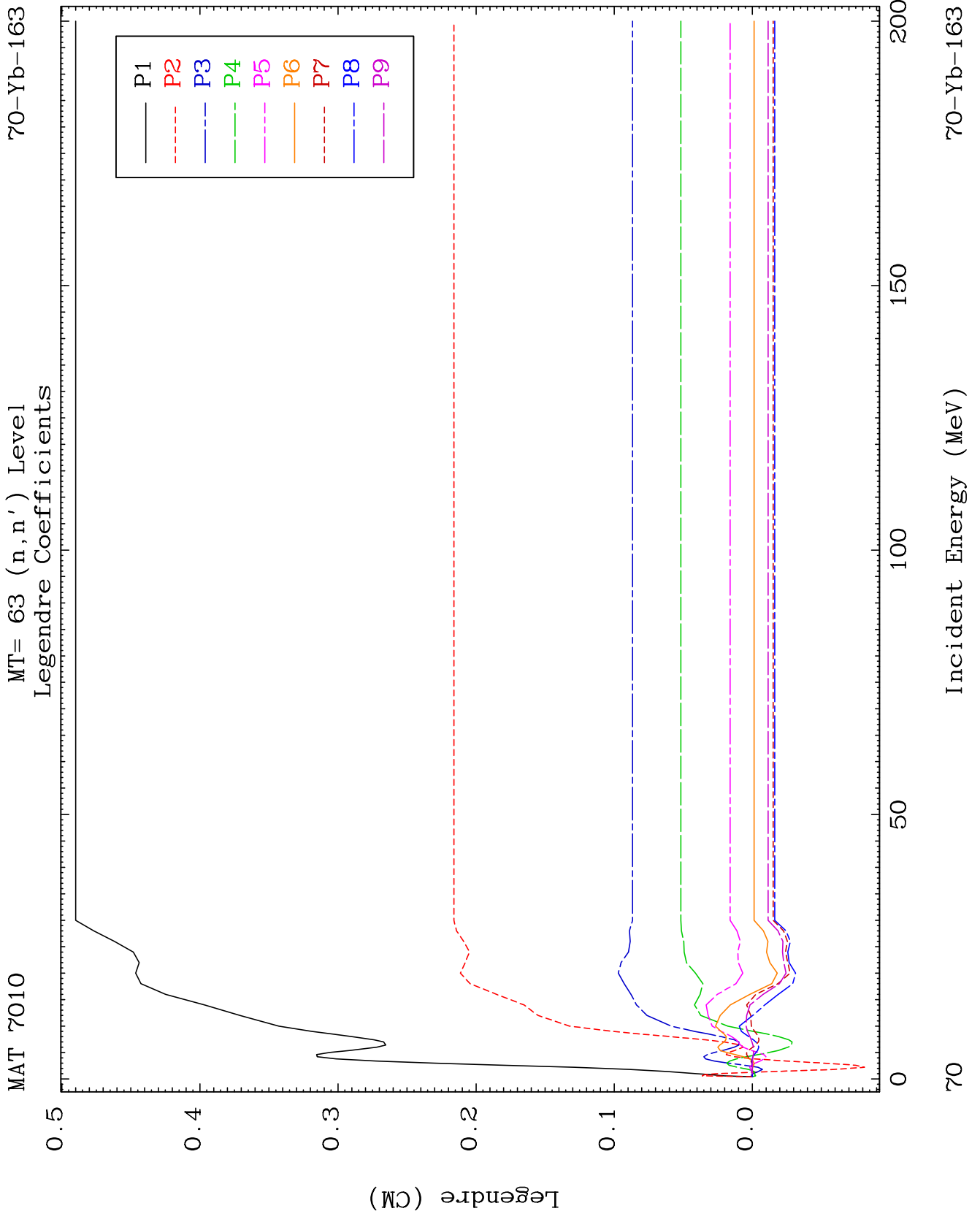
70-Yb-163



70-Yb-163

Incident Energy (MeV)

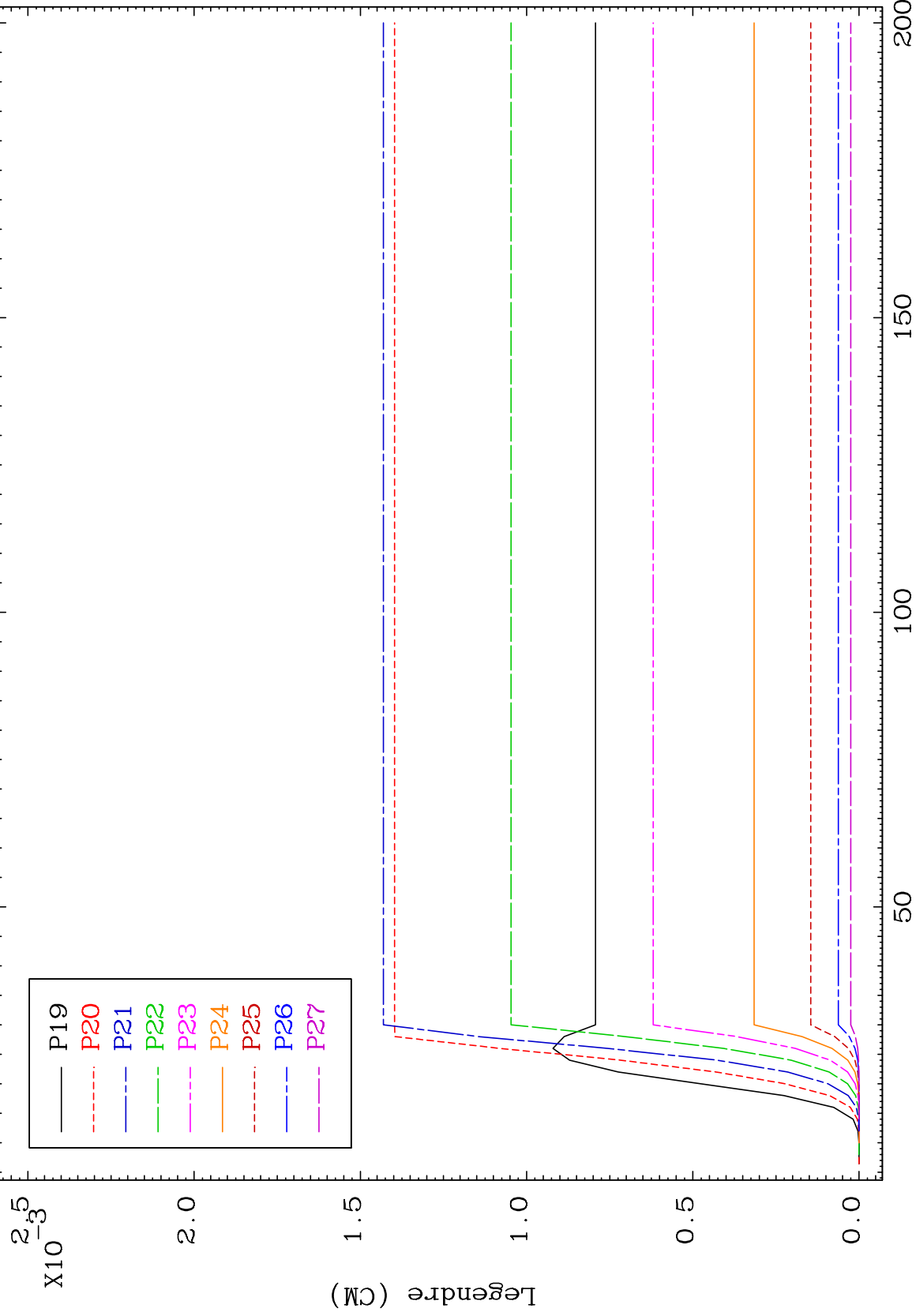
69



MAT 7010

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

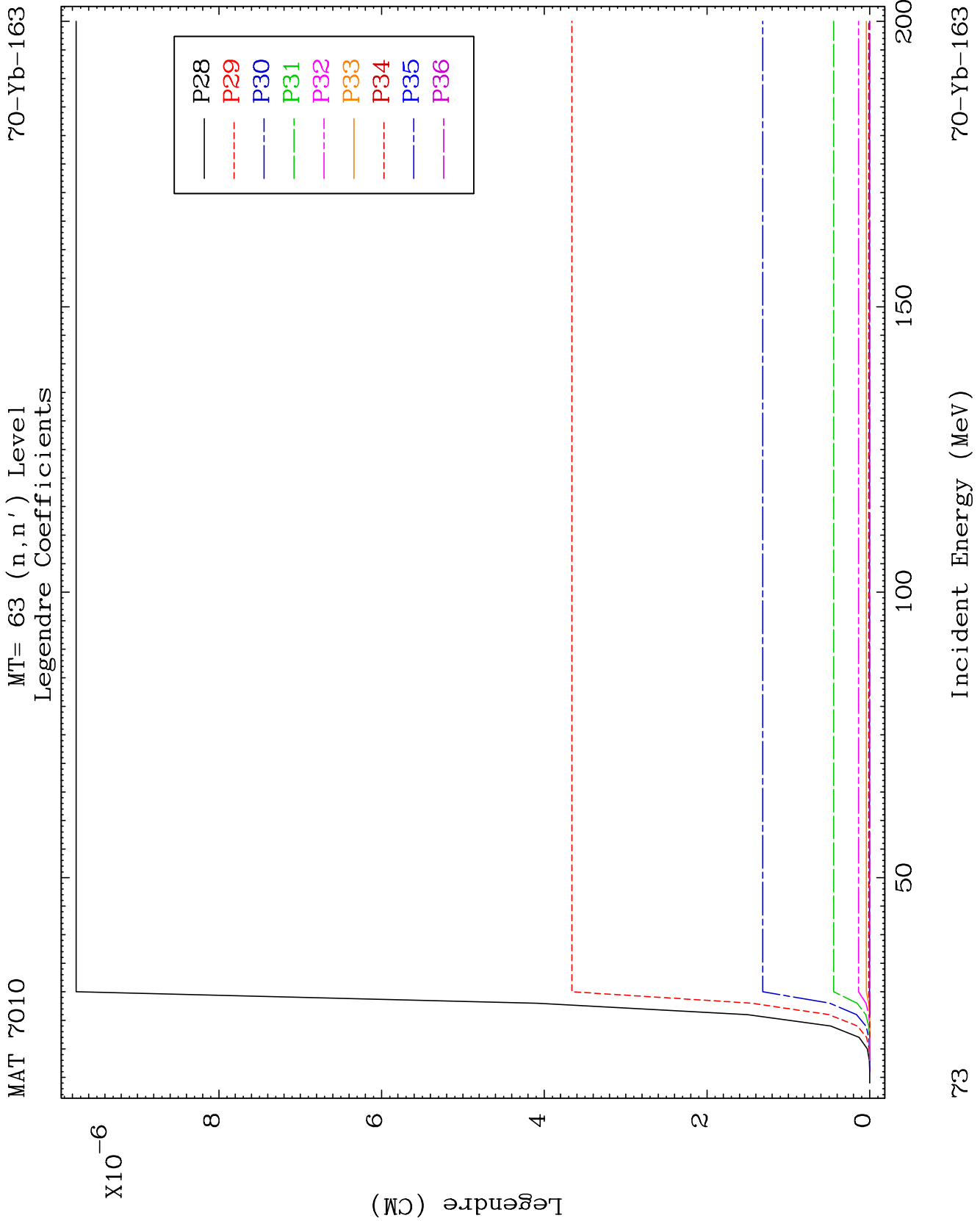
70-Yb-163



72

Incident Energy (MeV)

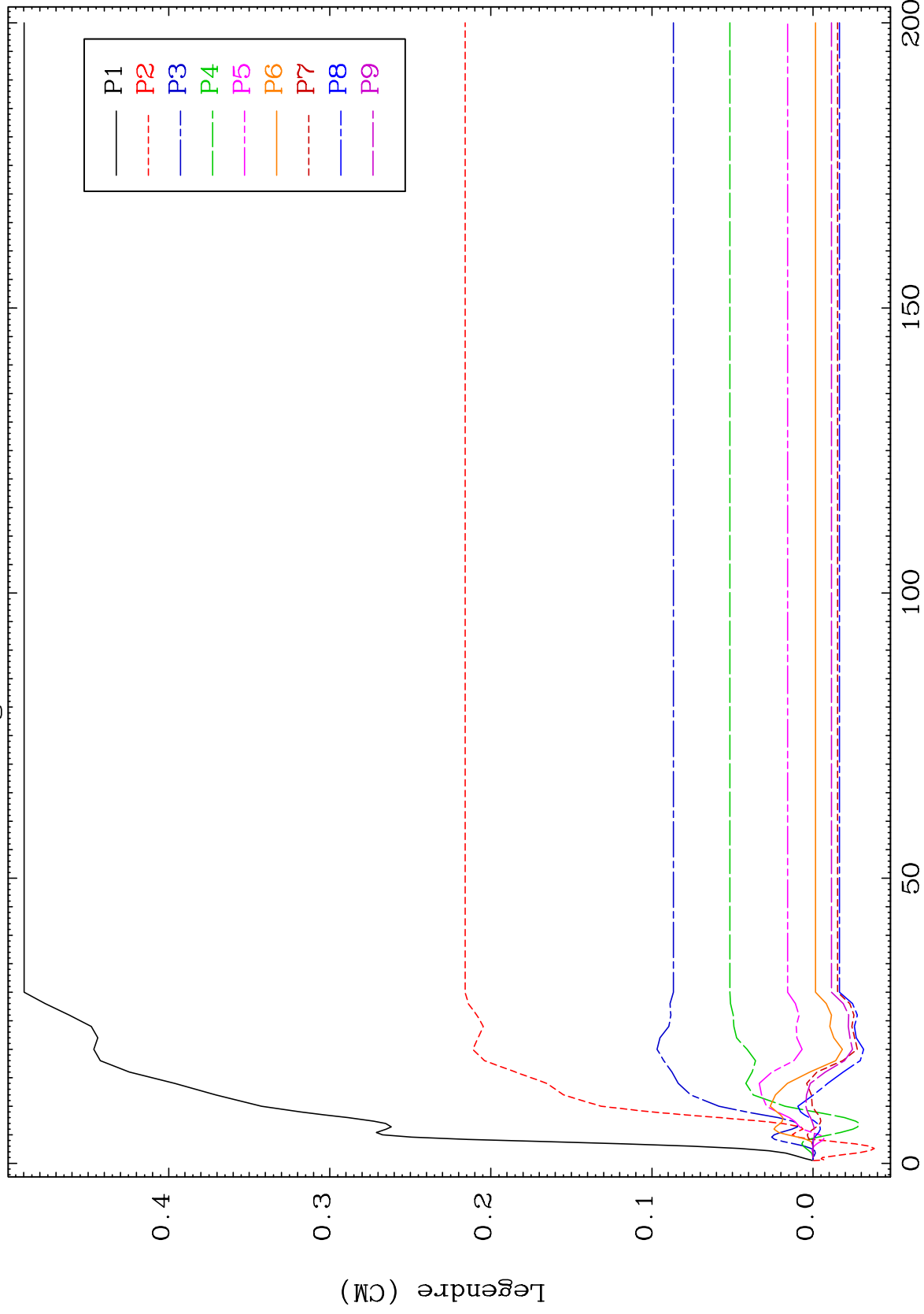
70-Yb-163



MAT 7010

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

70-Yb-163



74

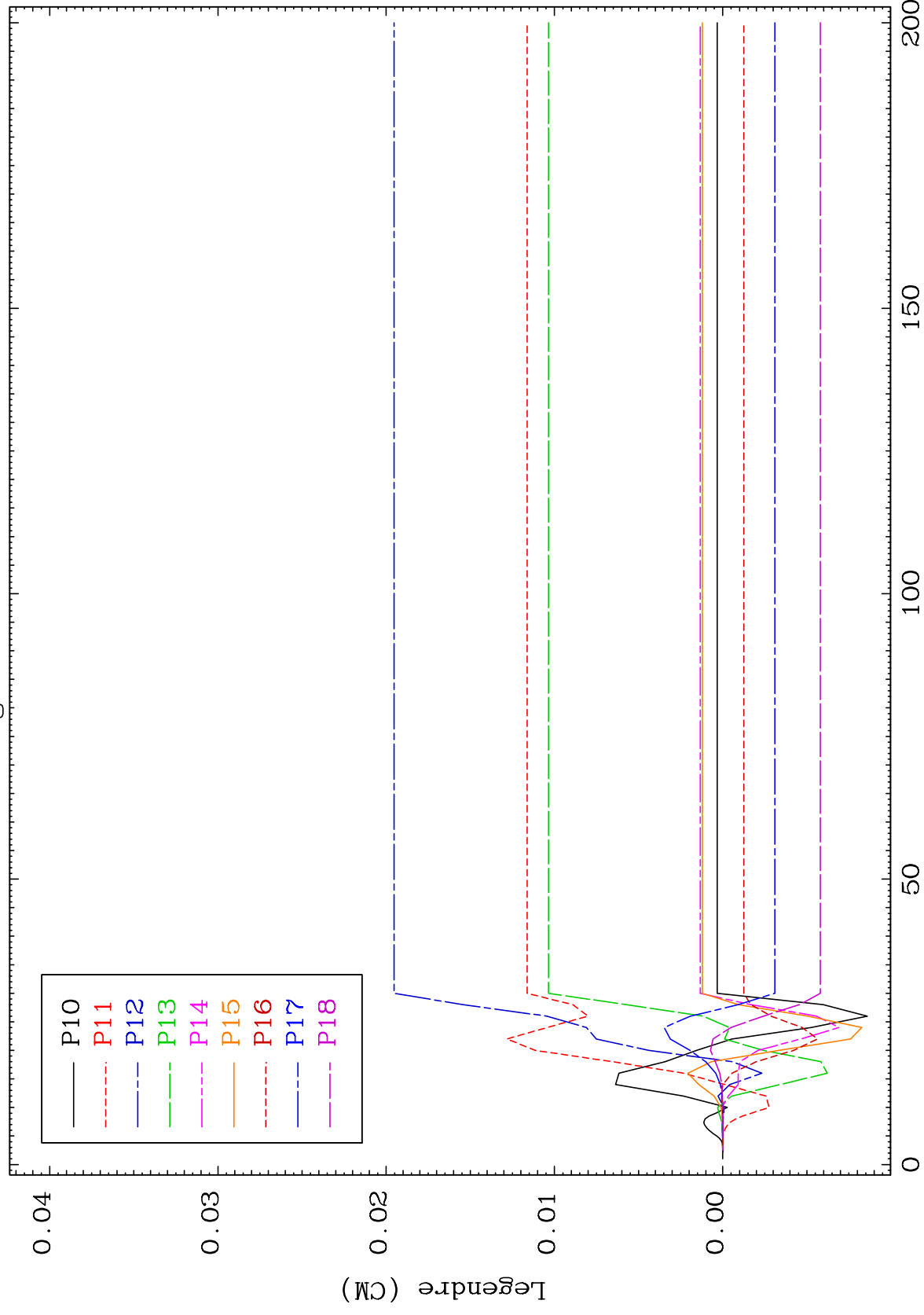
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



75

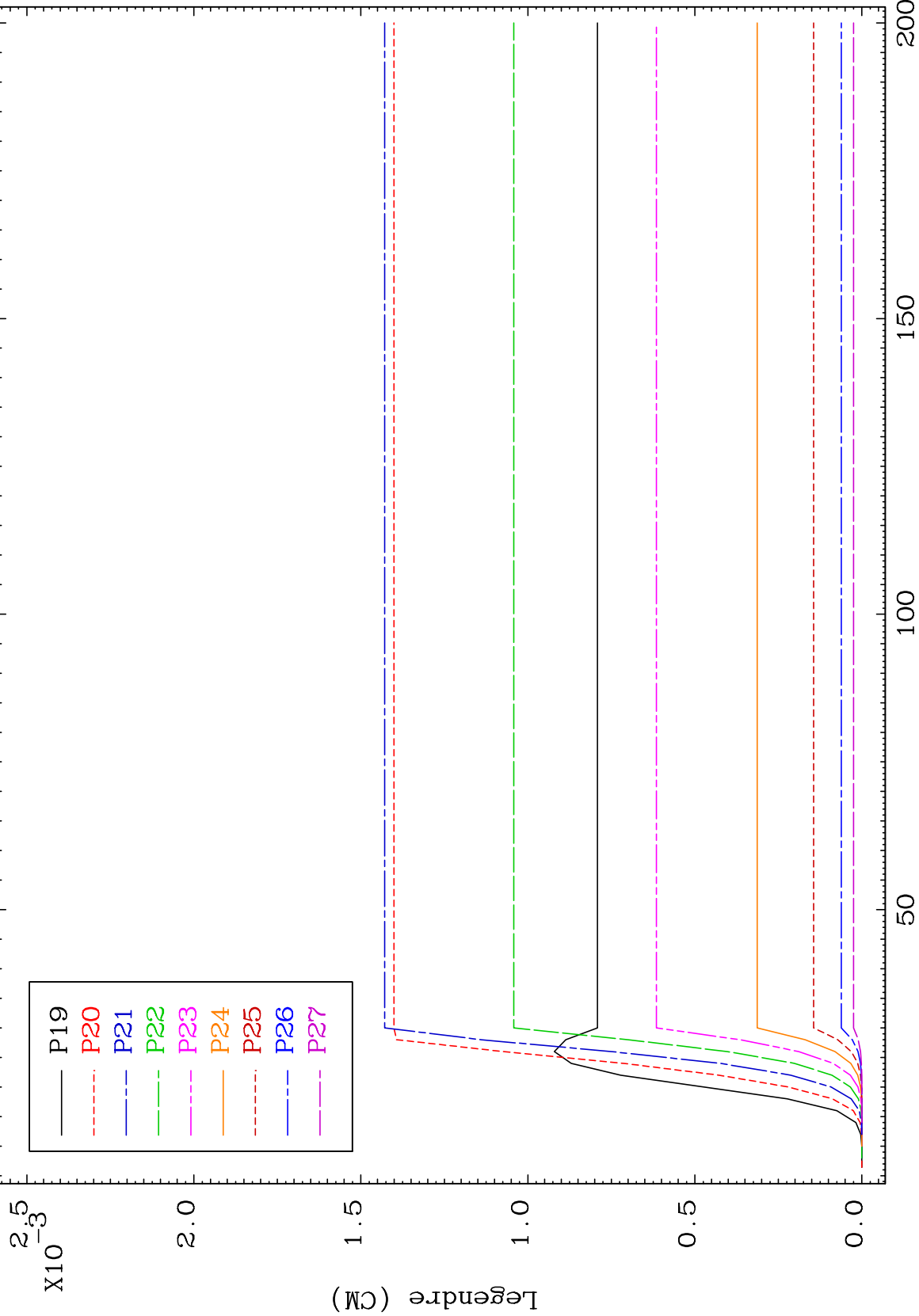
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



76

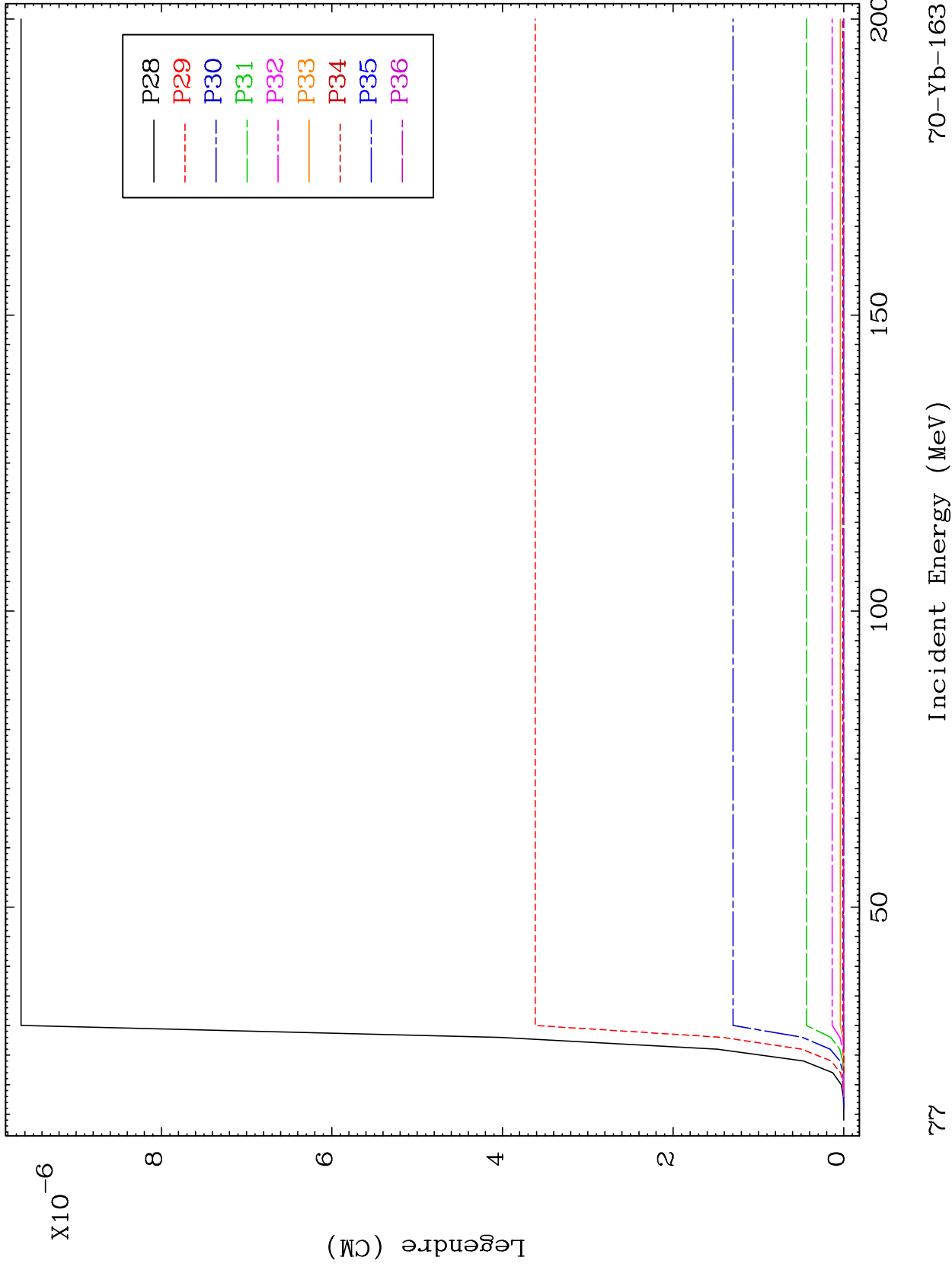
Incident Energy (MeV)

70-Yb-163

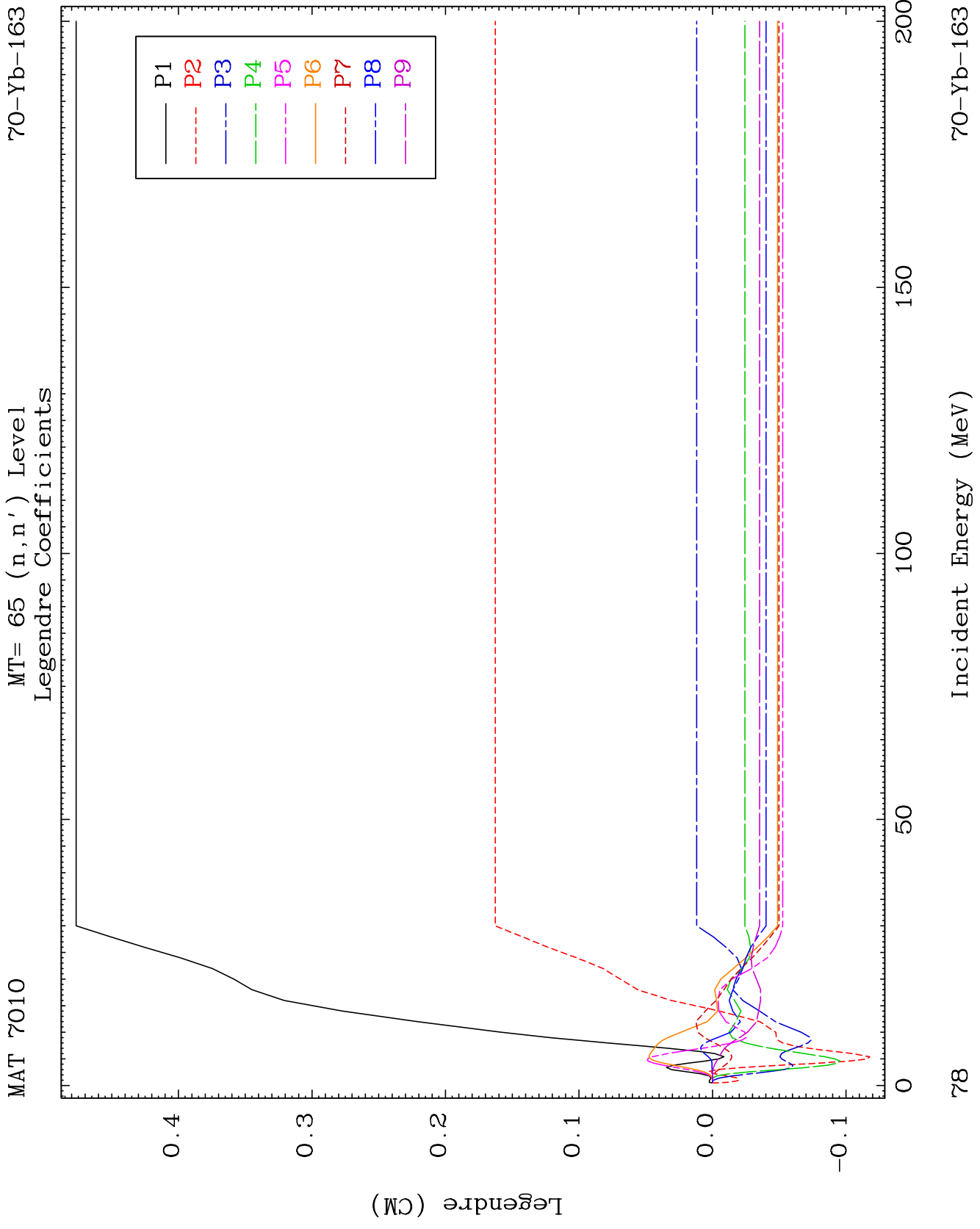
MAT 7010

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

70-Yb-163



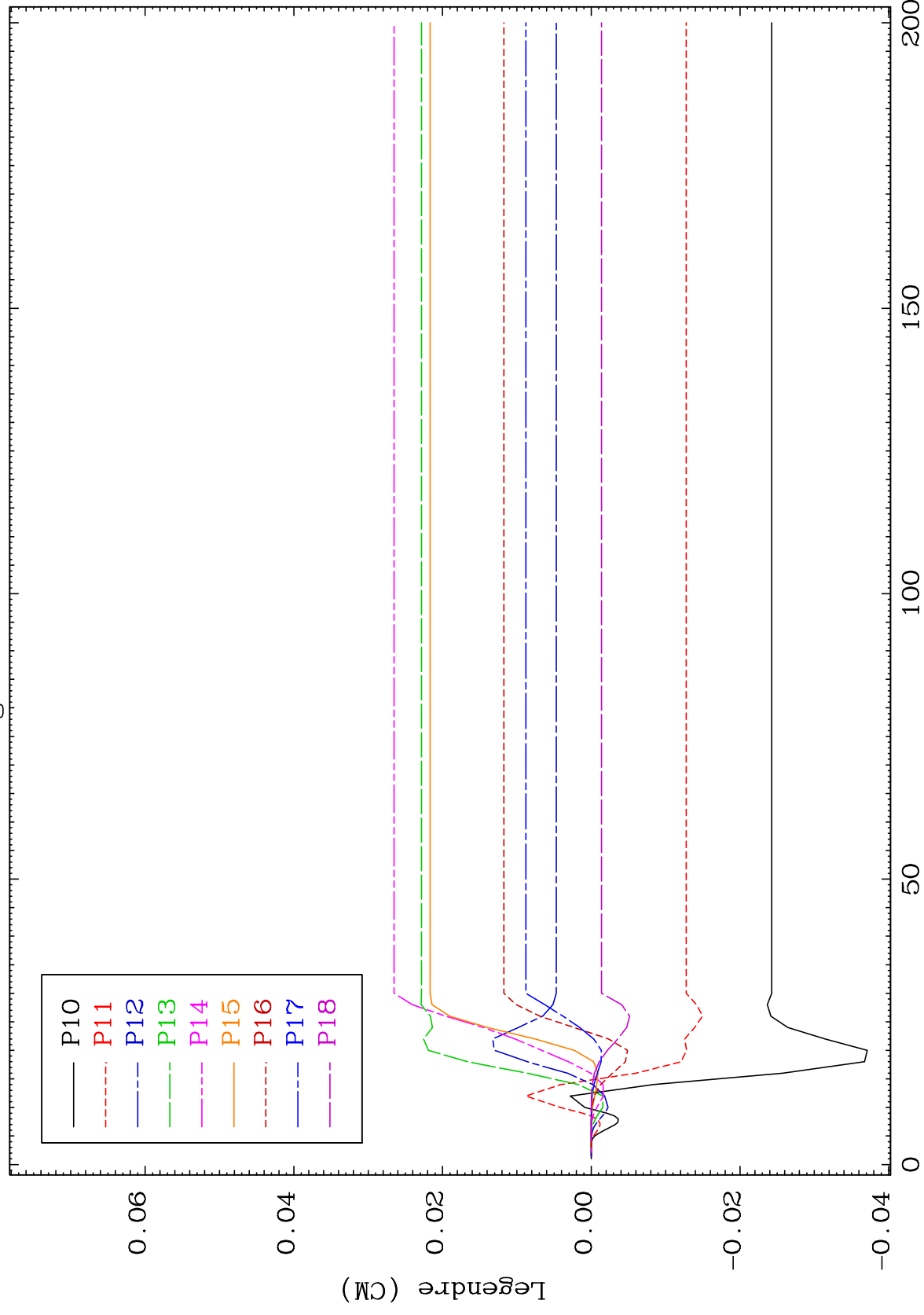
77



MAT 7010

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

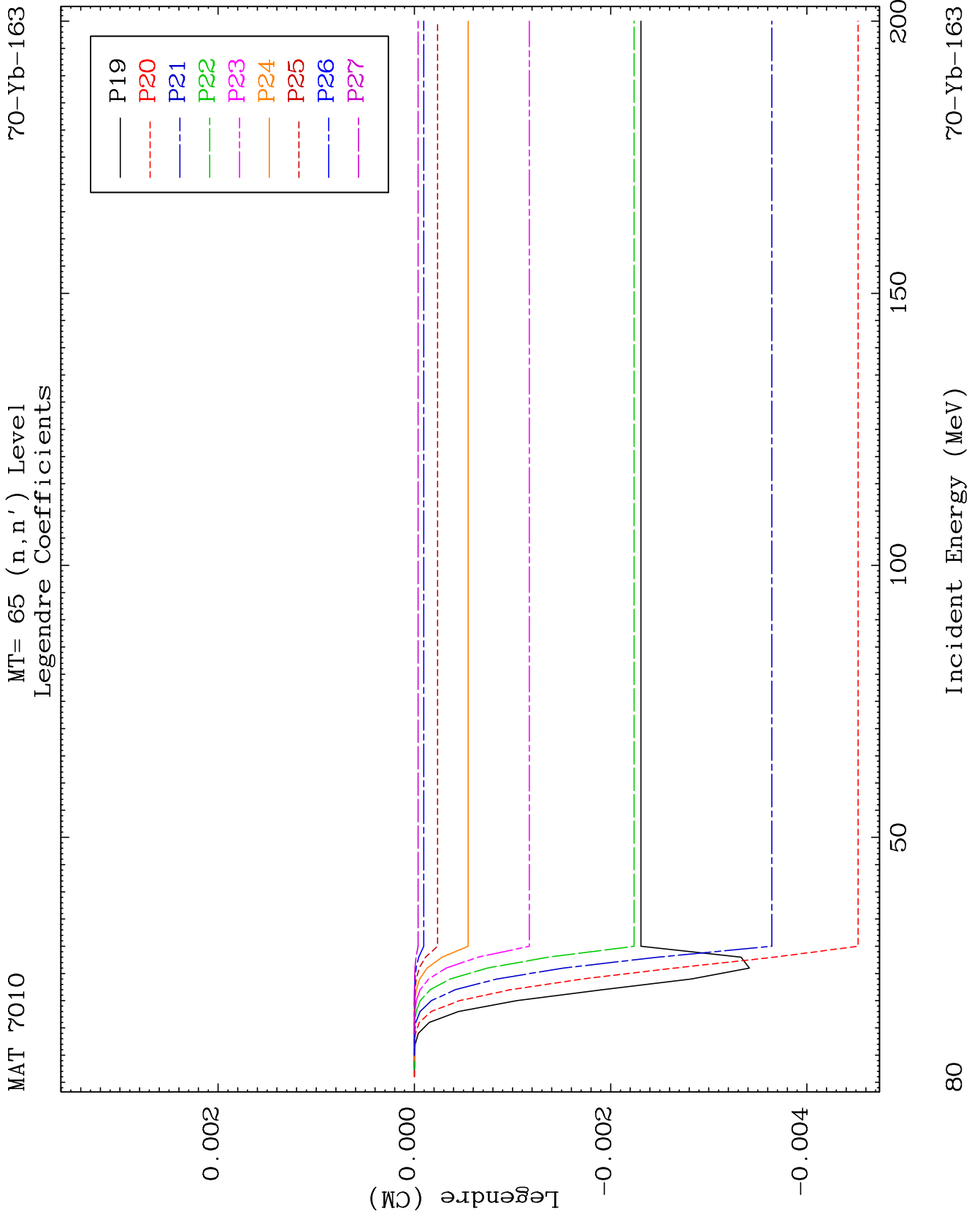
70-Yb-163

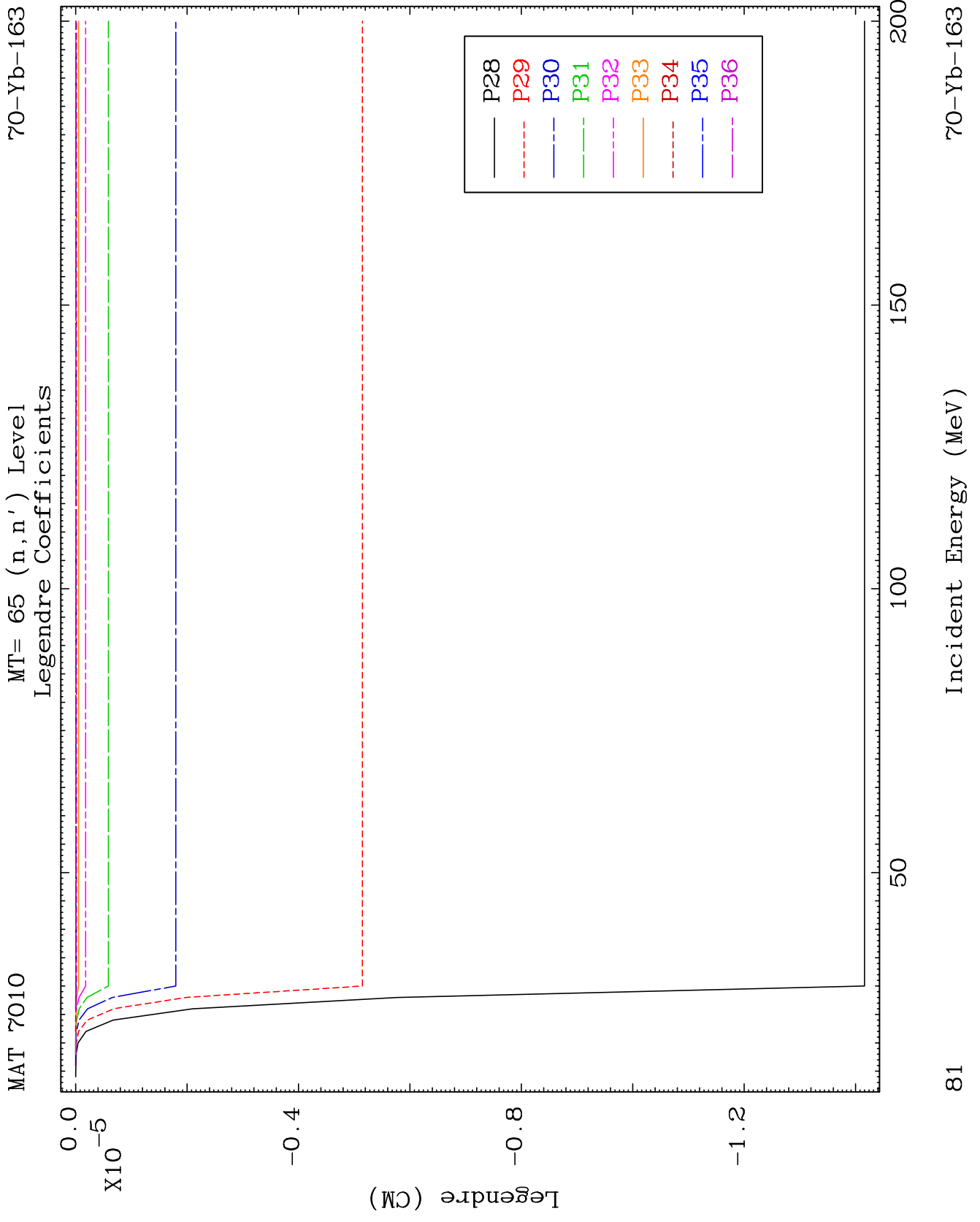


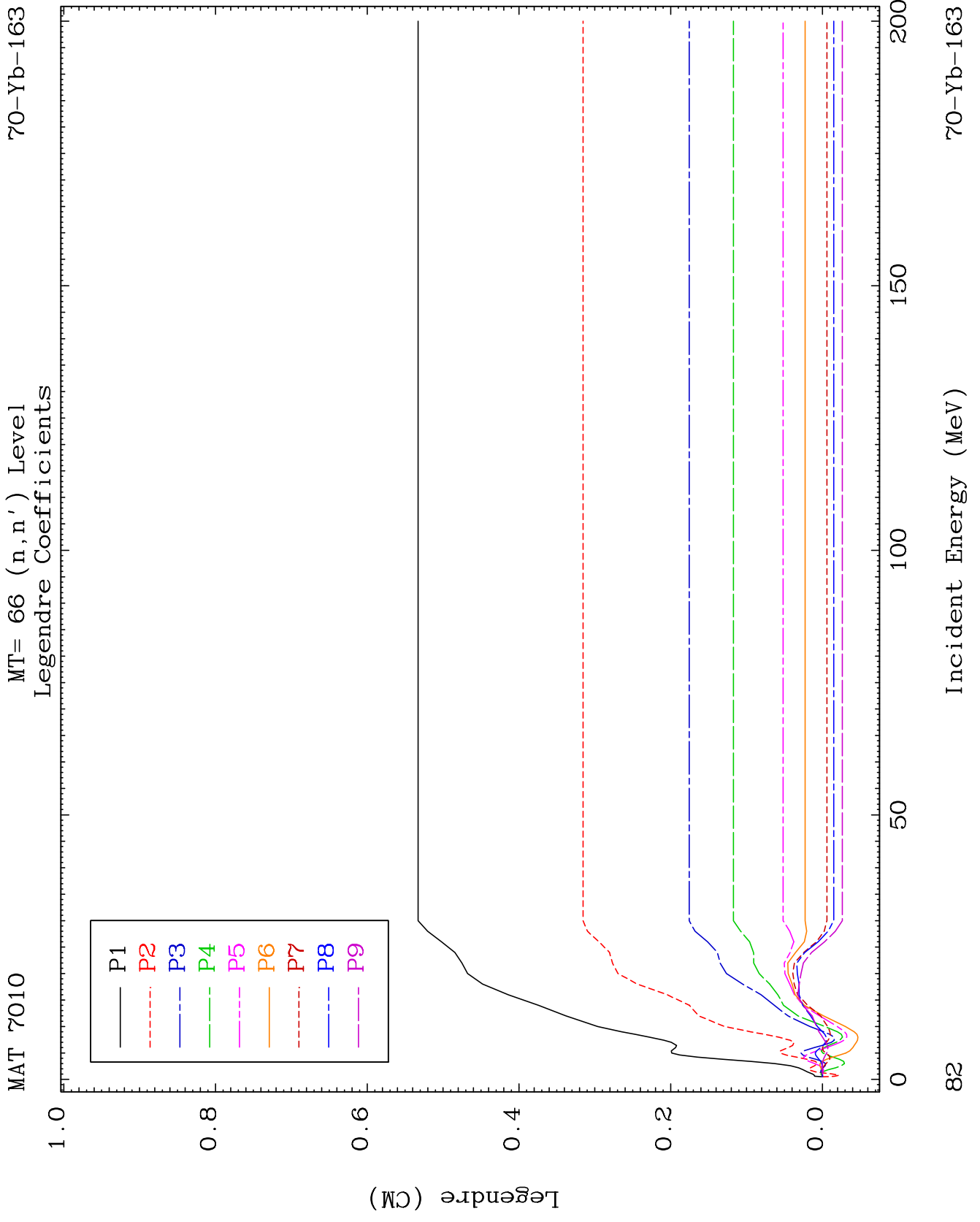
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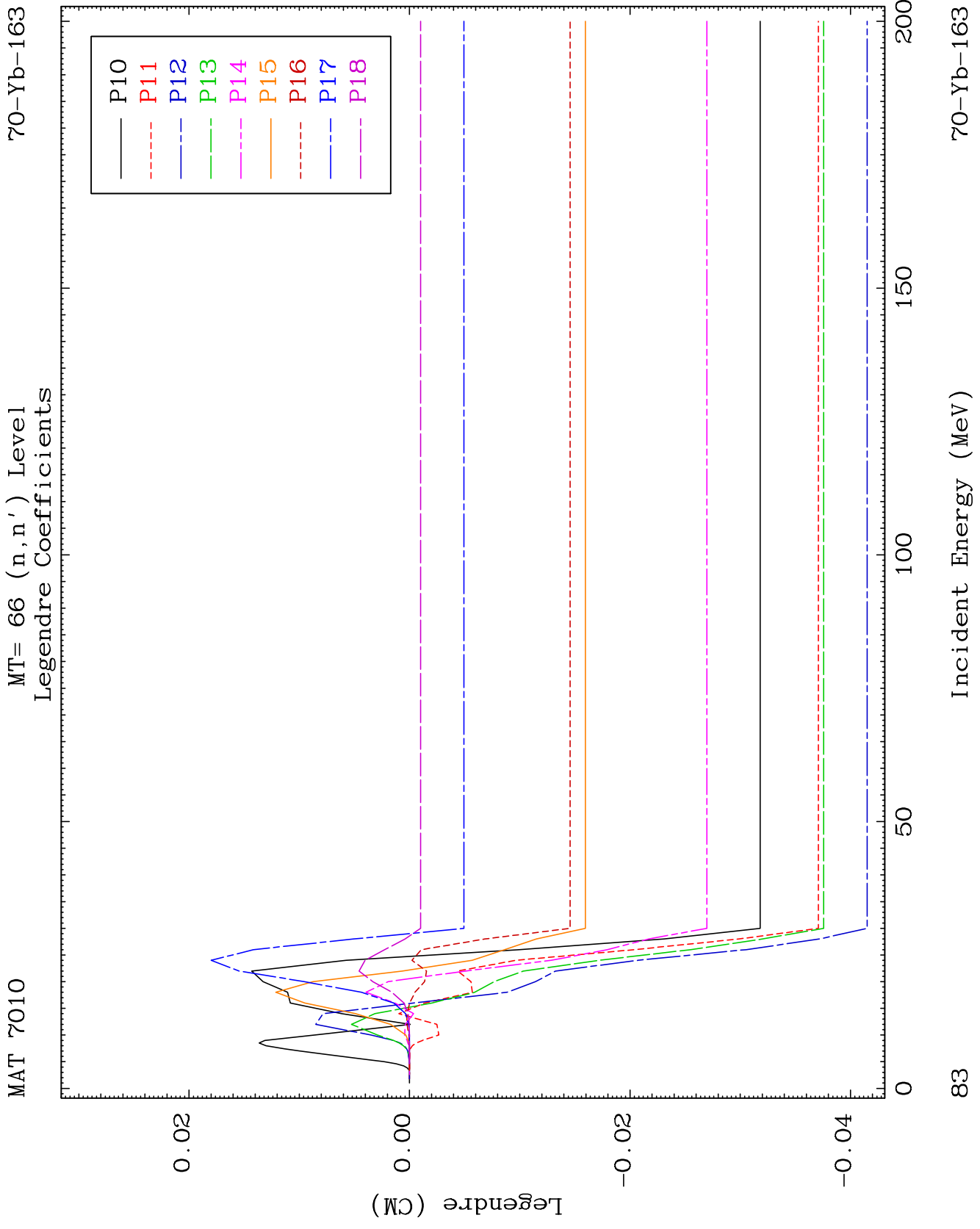
Incident Energy (MeV)

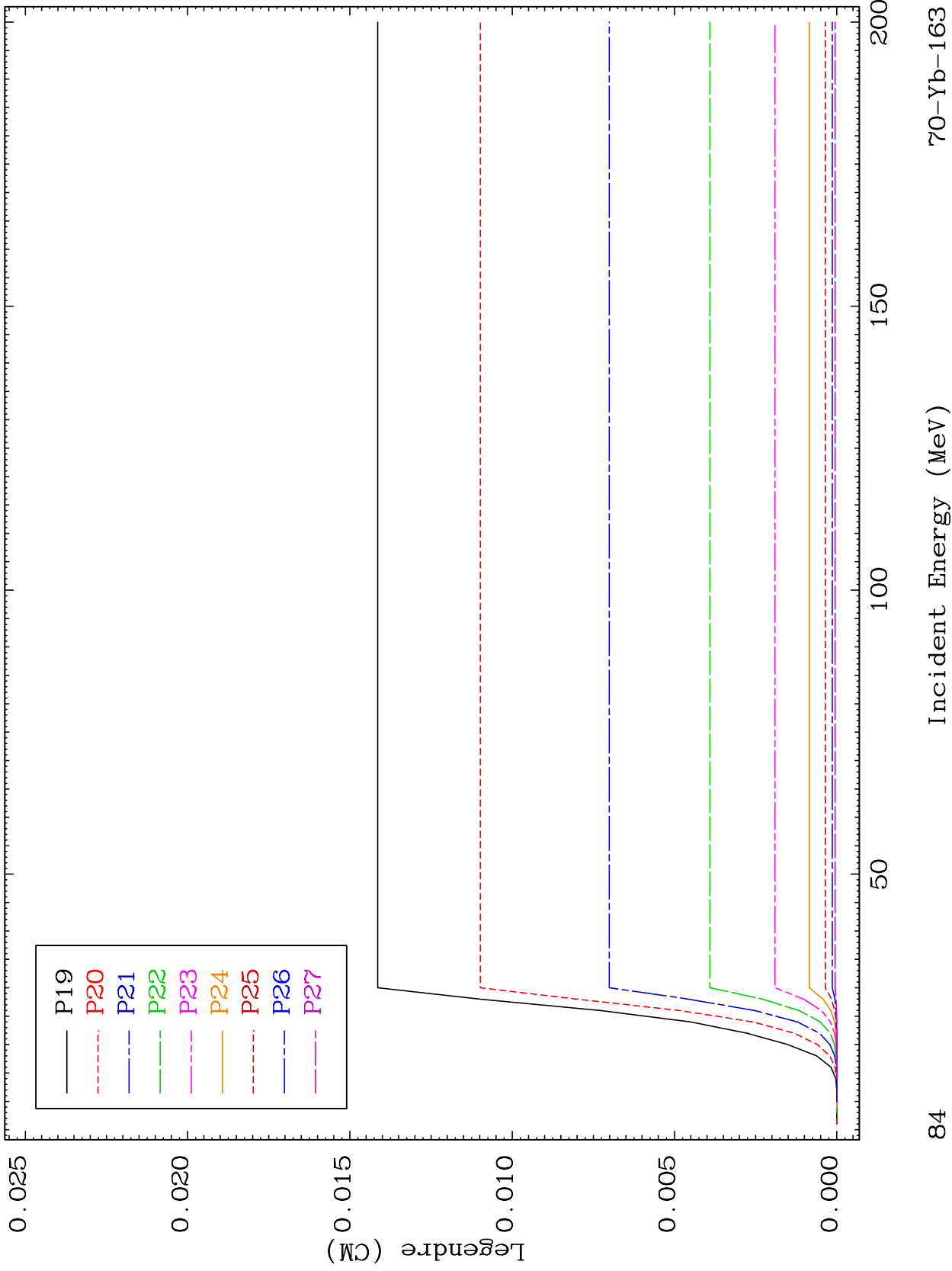
70-Yb-163

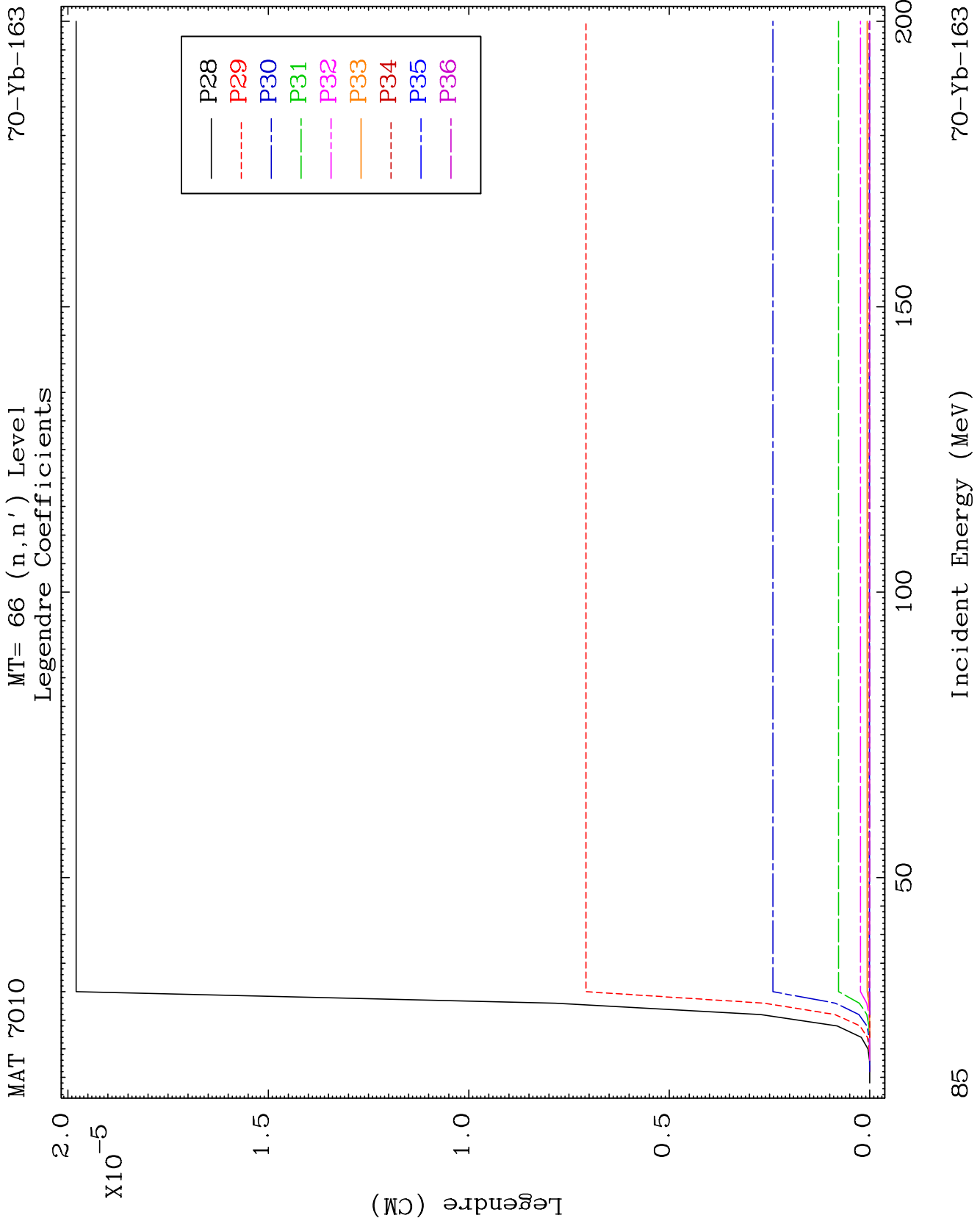








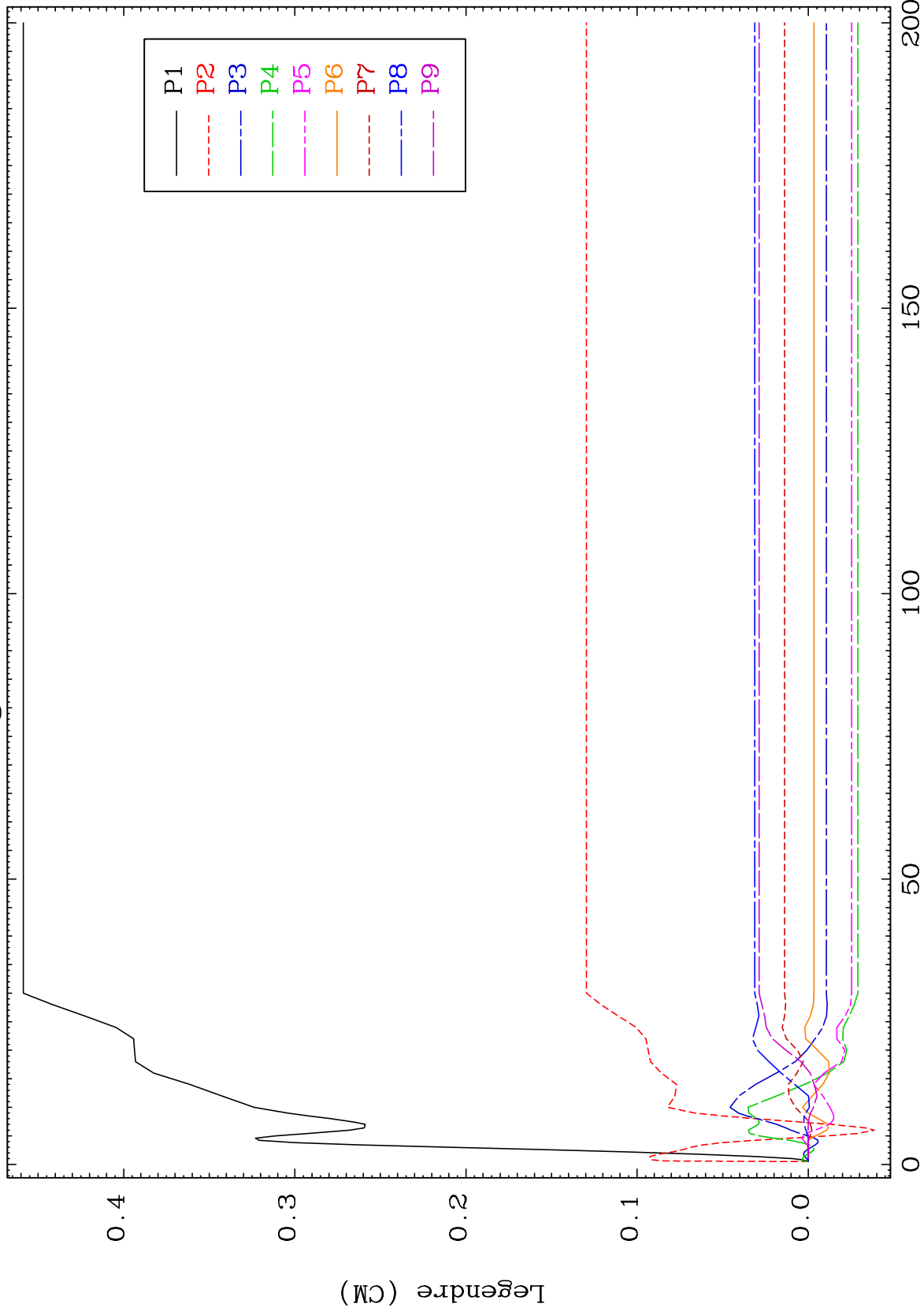




MAT 7010

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

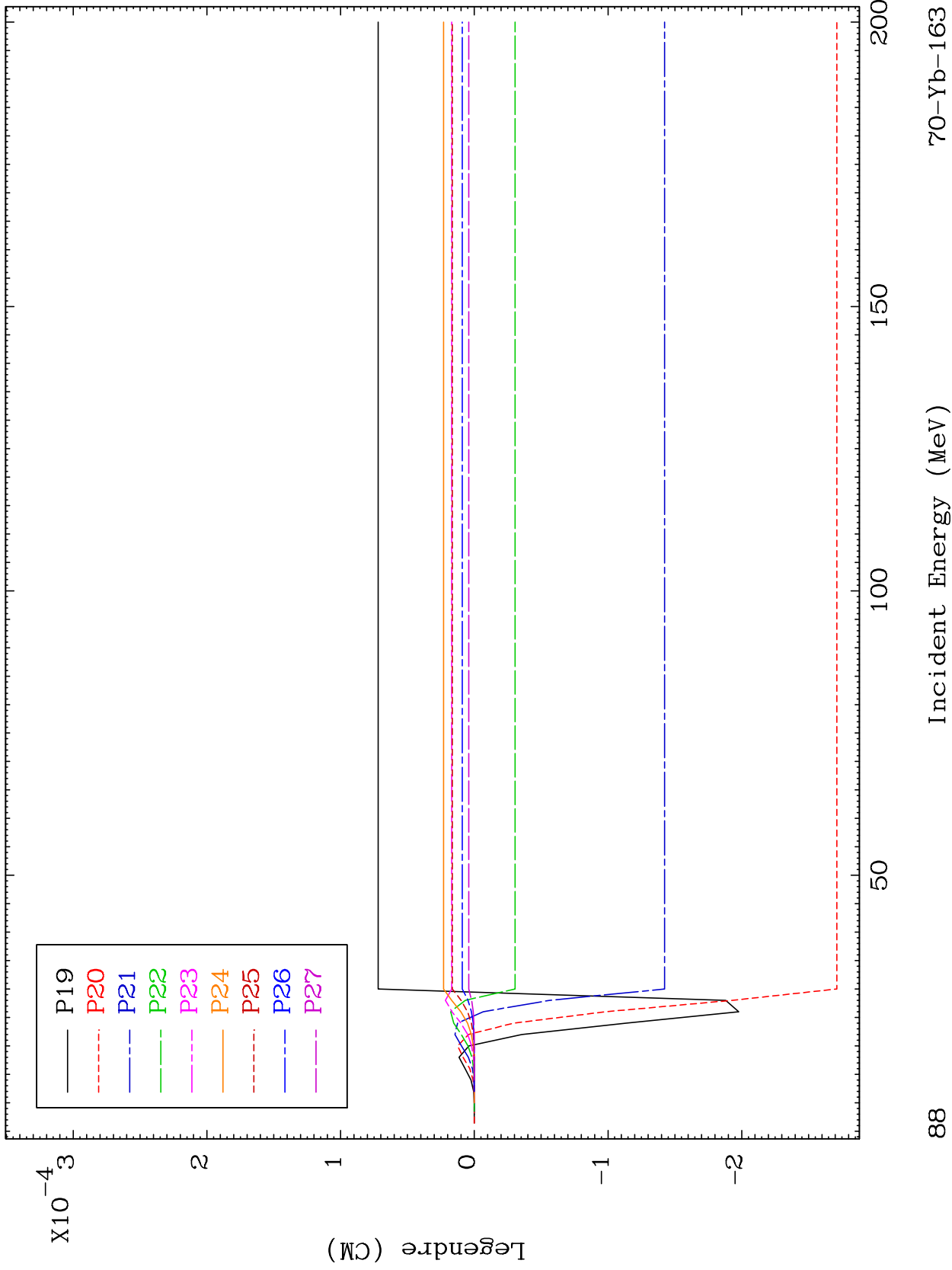
70-Yb-163

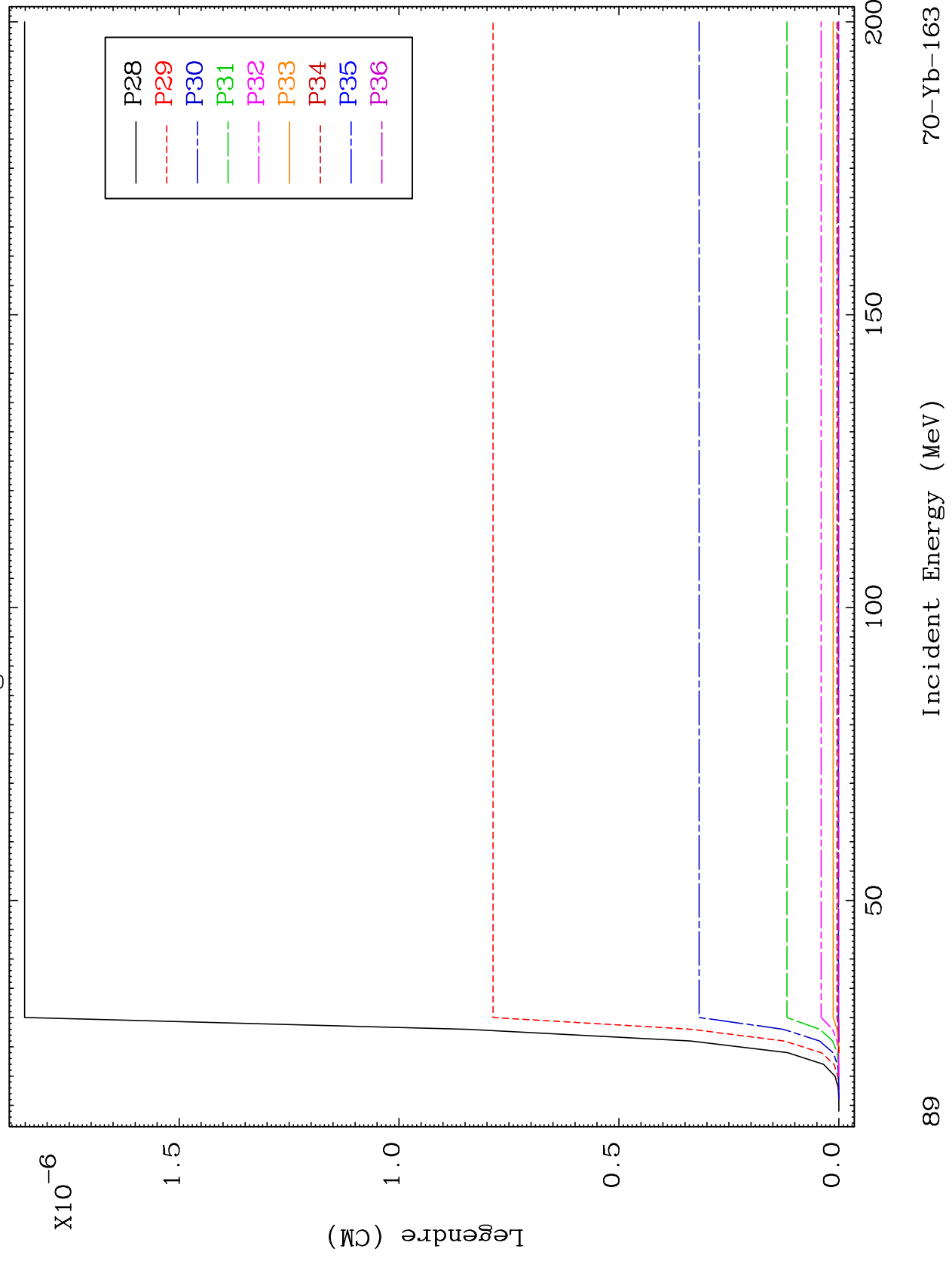


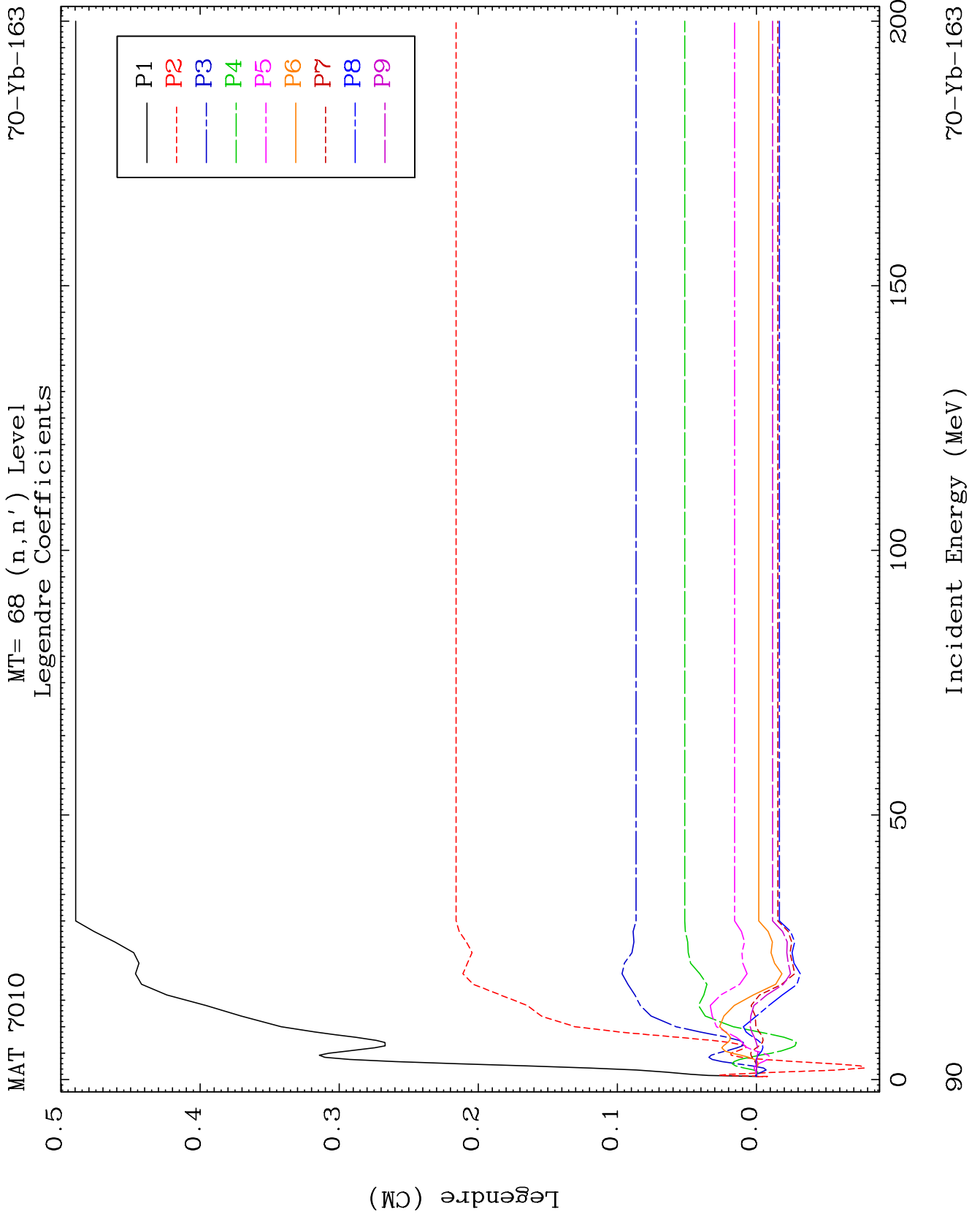
86

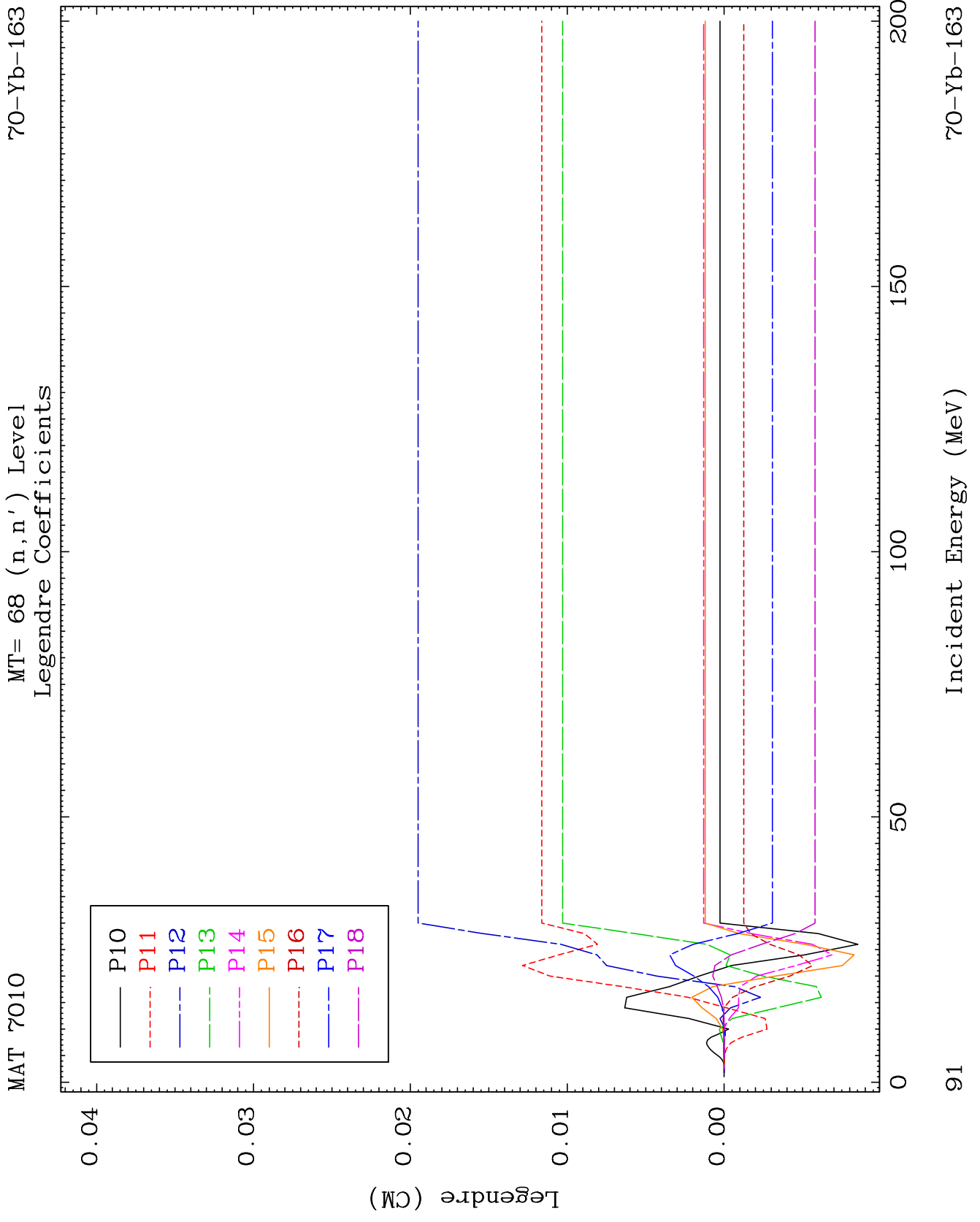
Incident Energy (MeV)

70-Yb-163





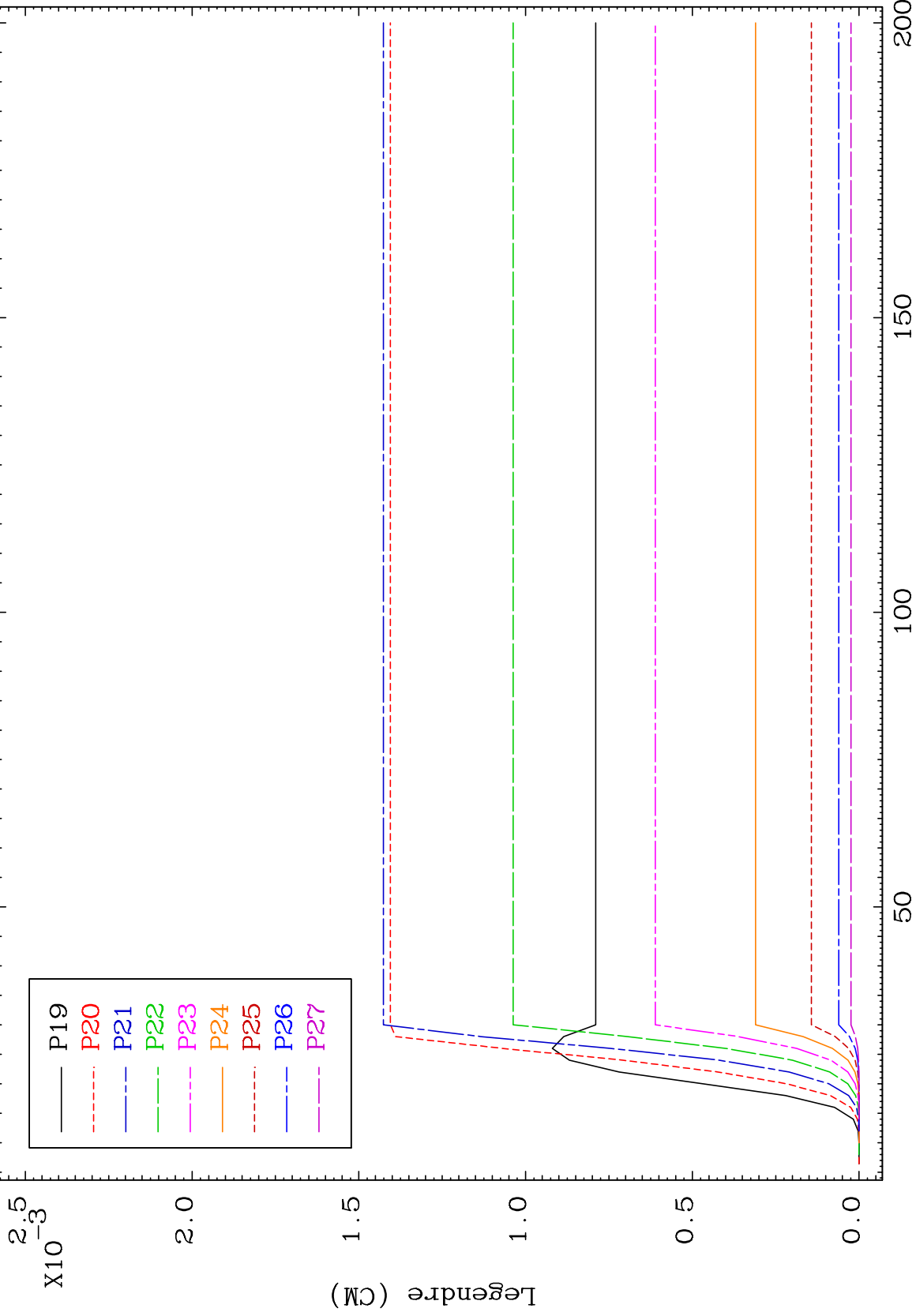




MAT 7010

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

70-Yb-163



92

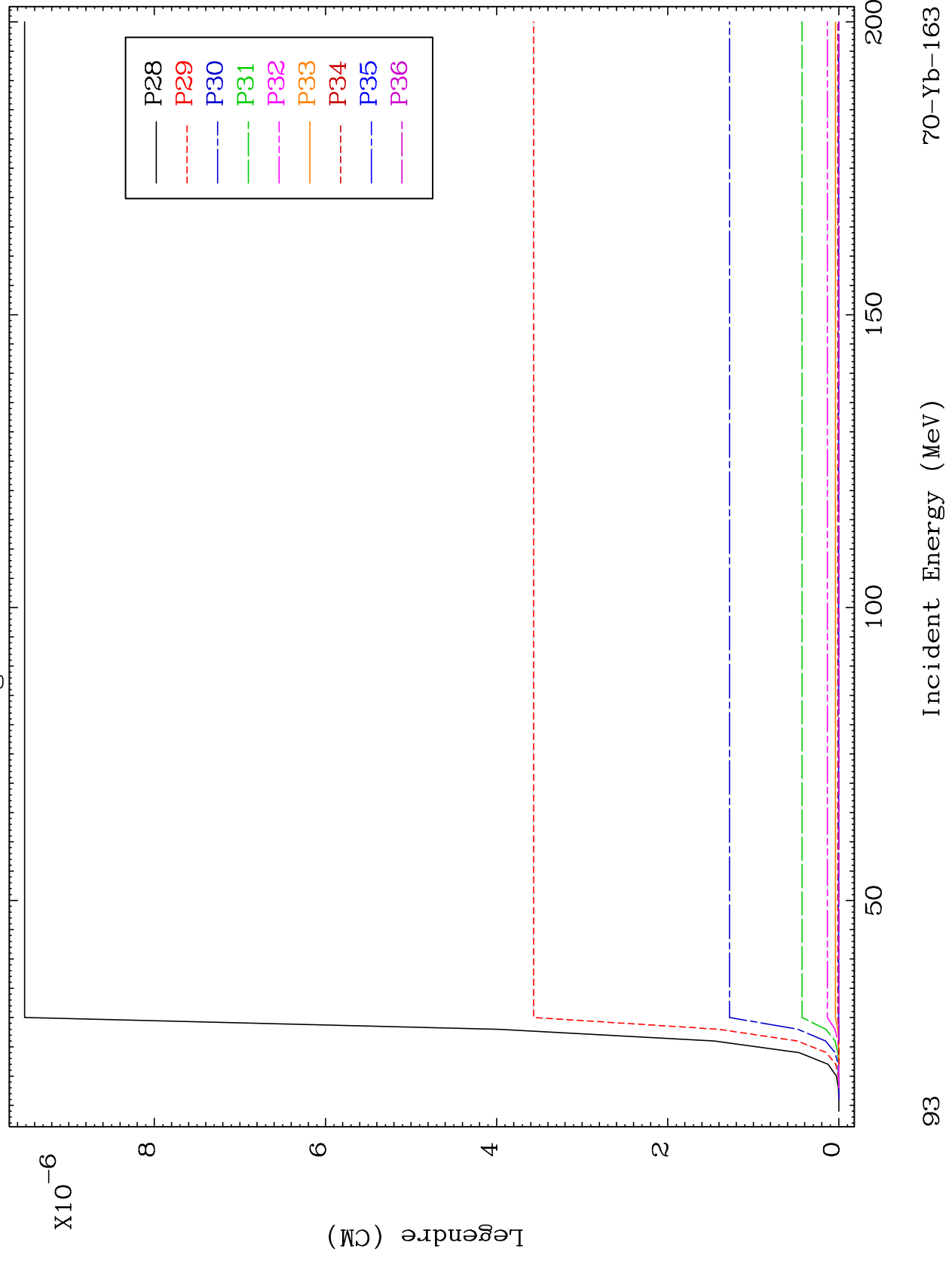
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

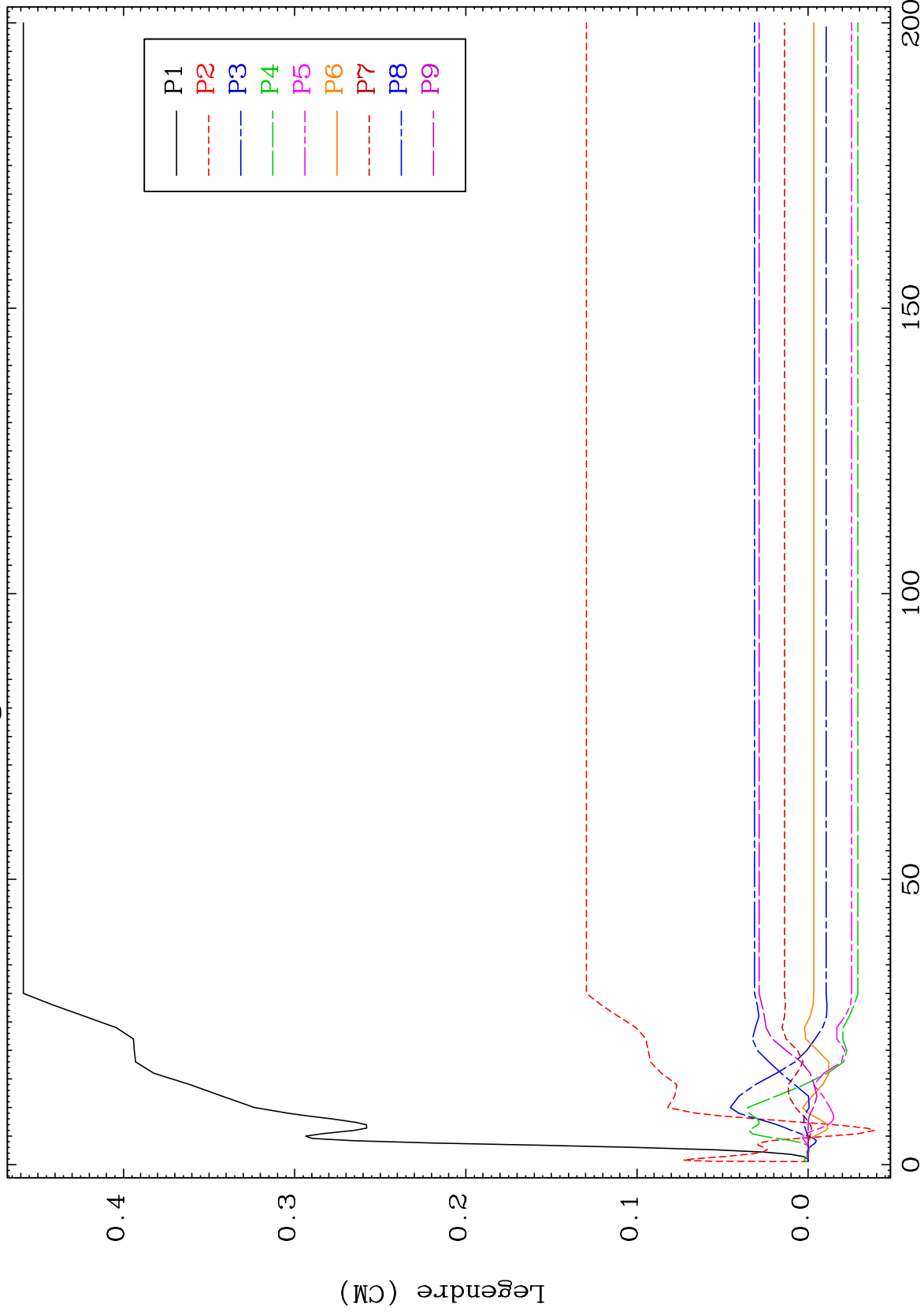
70-Yb-163



MAT 7010

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

70-Yb-163



94

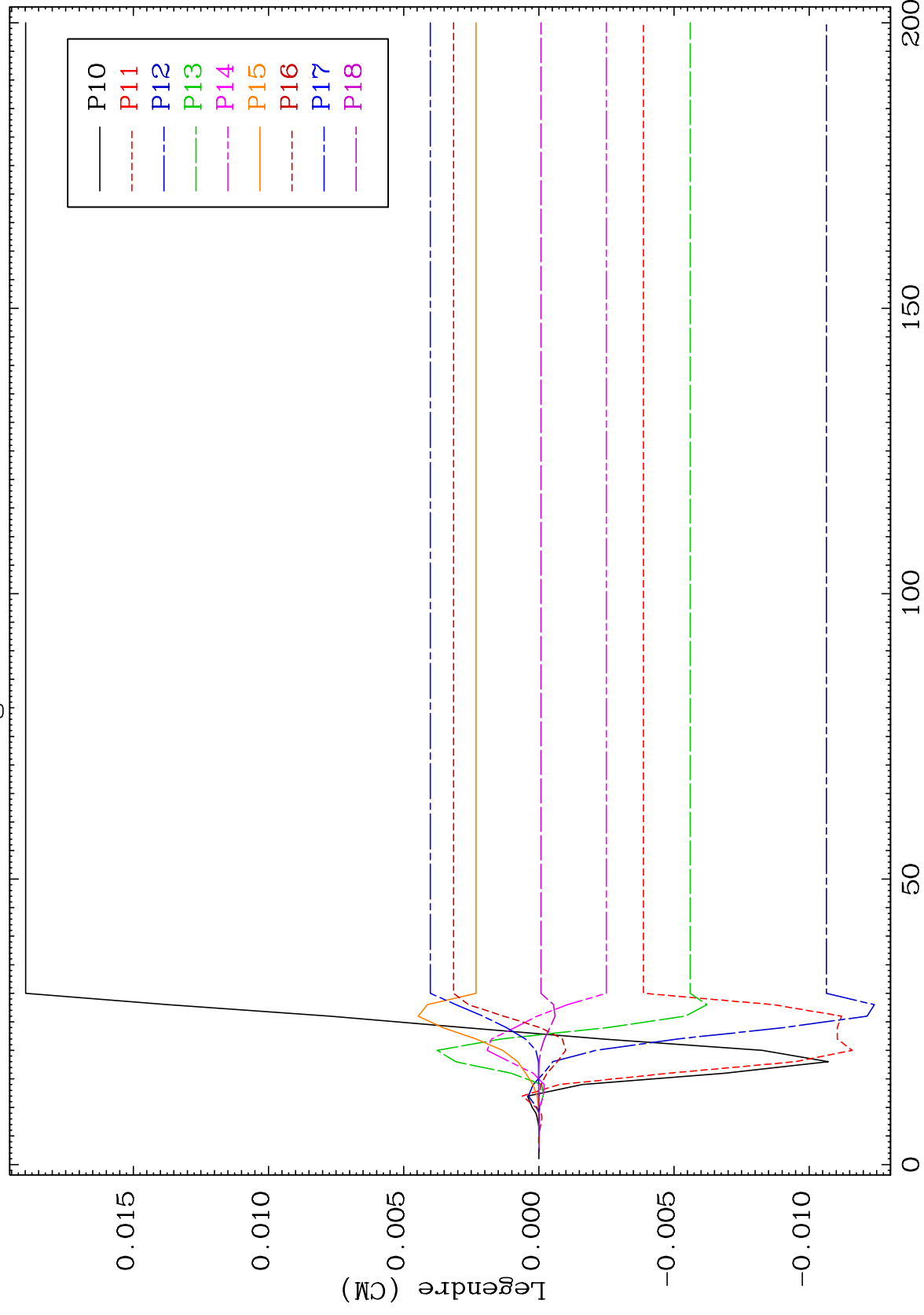
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

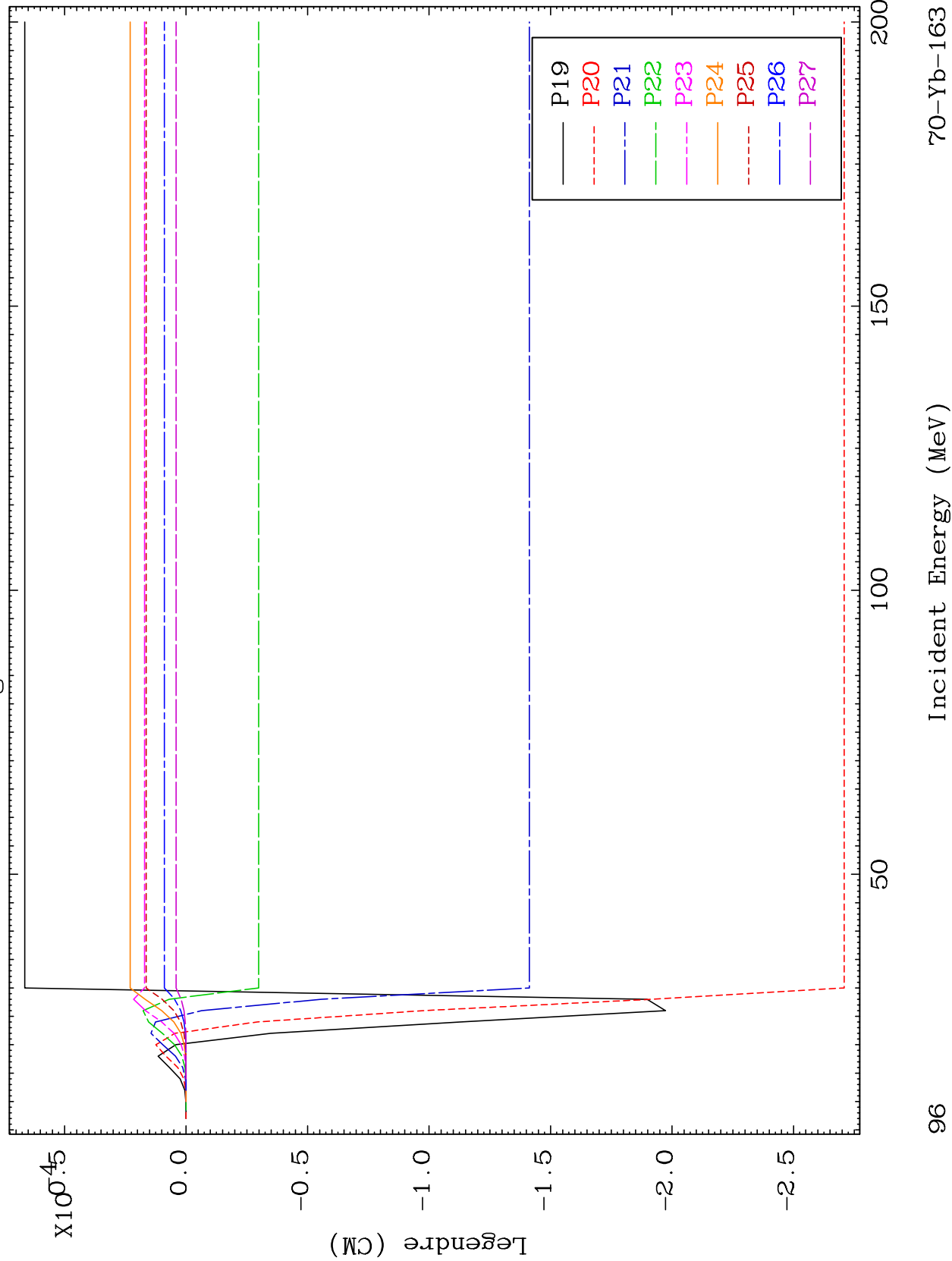
70-Yb-163



95

Incident Energy (MeV)

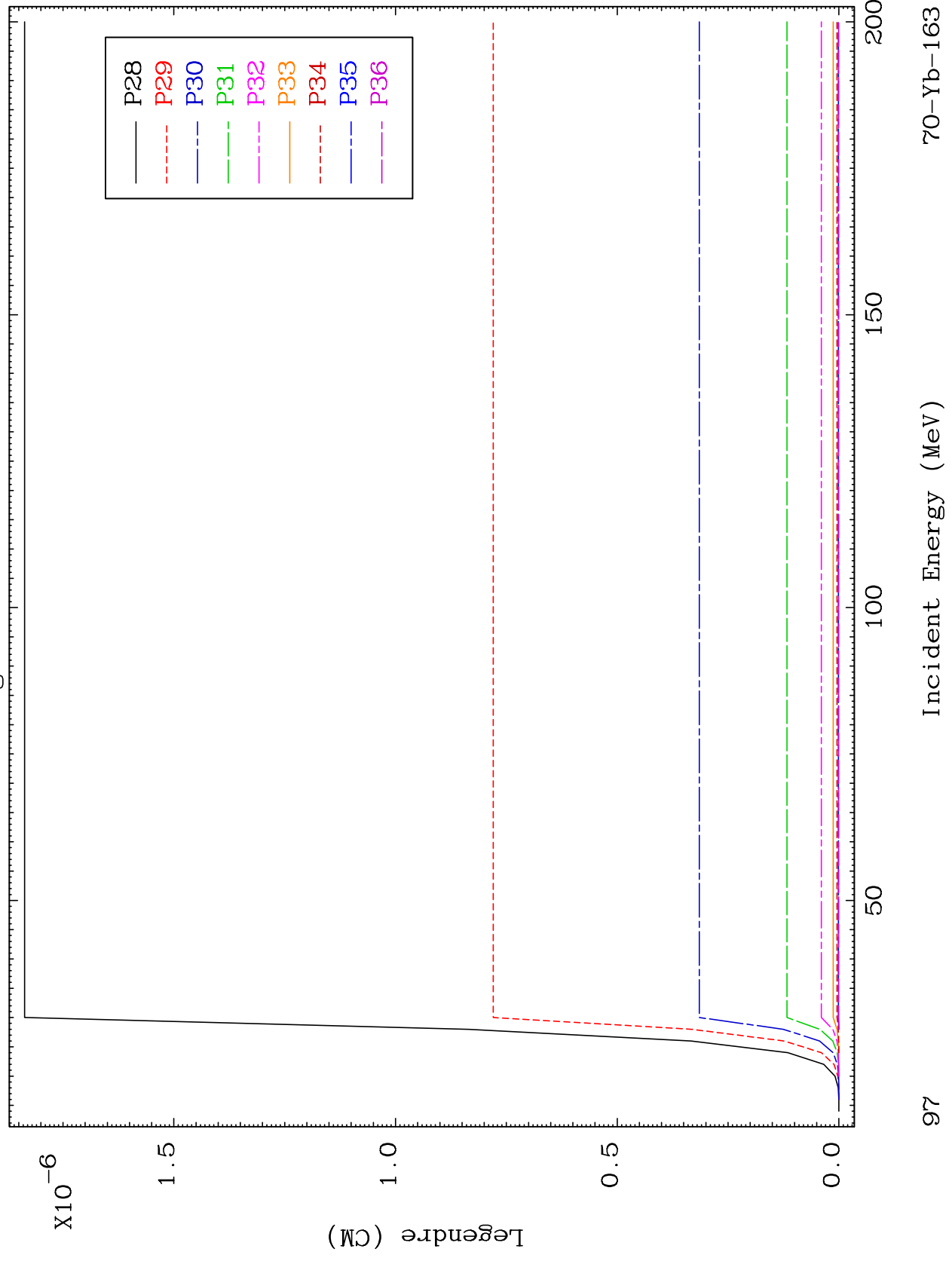
70-Yb-163

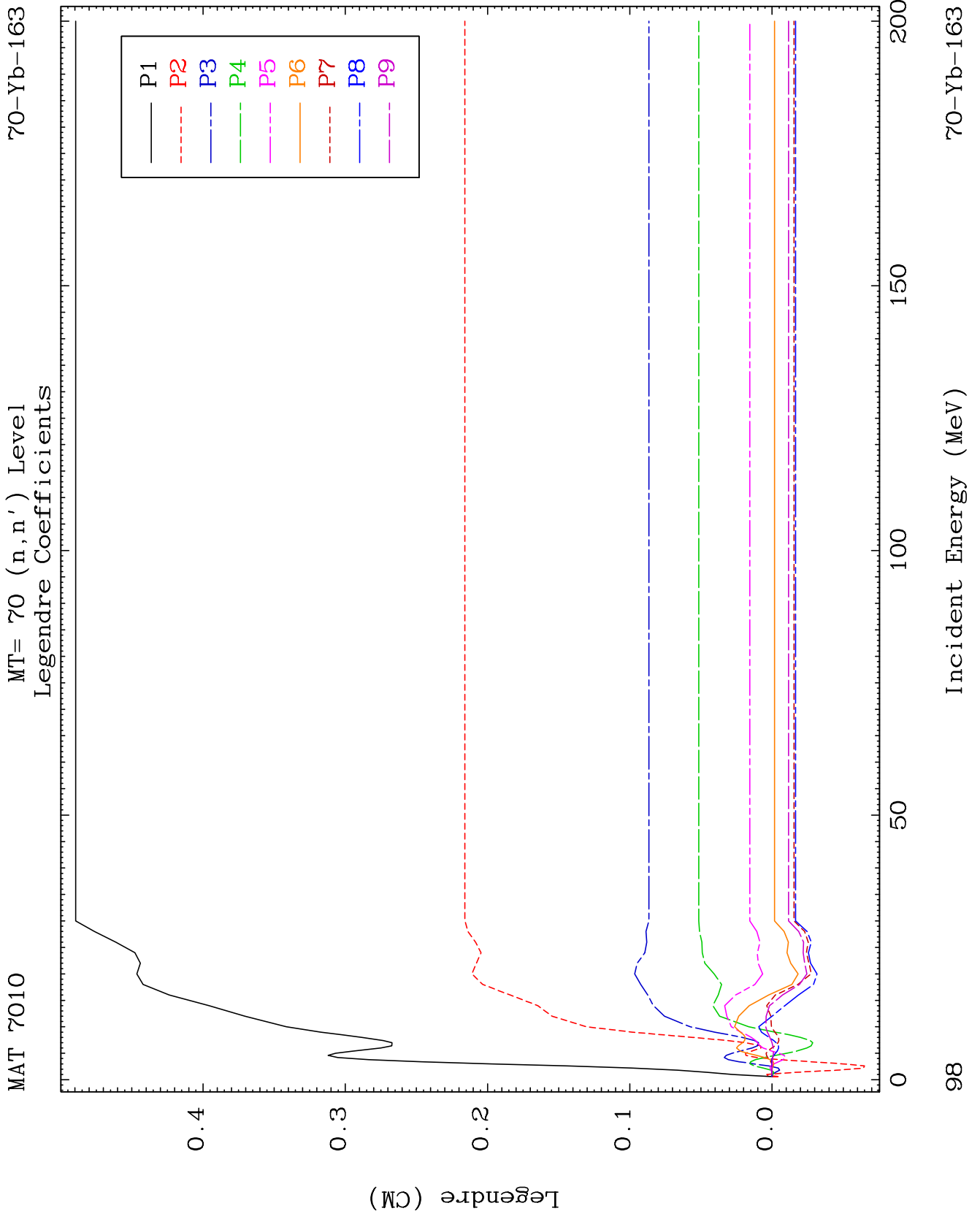


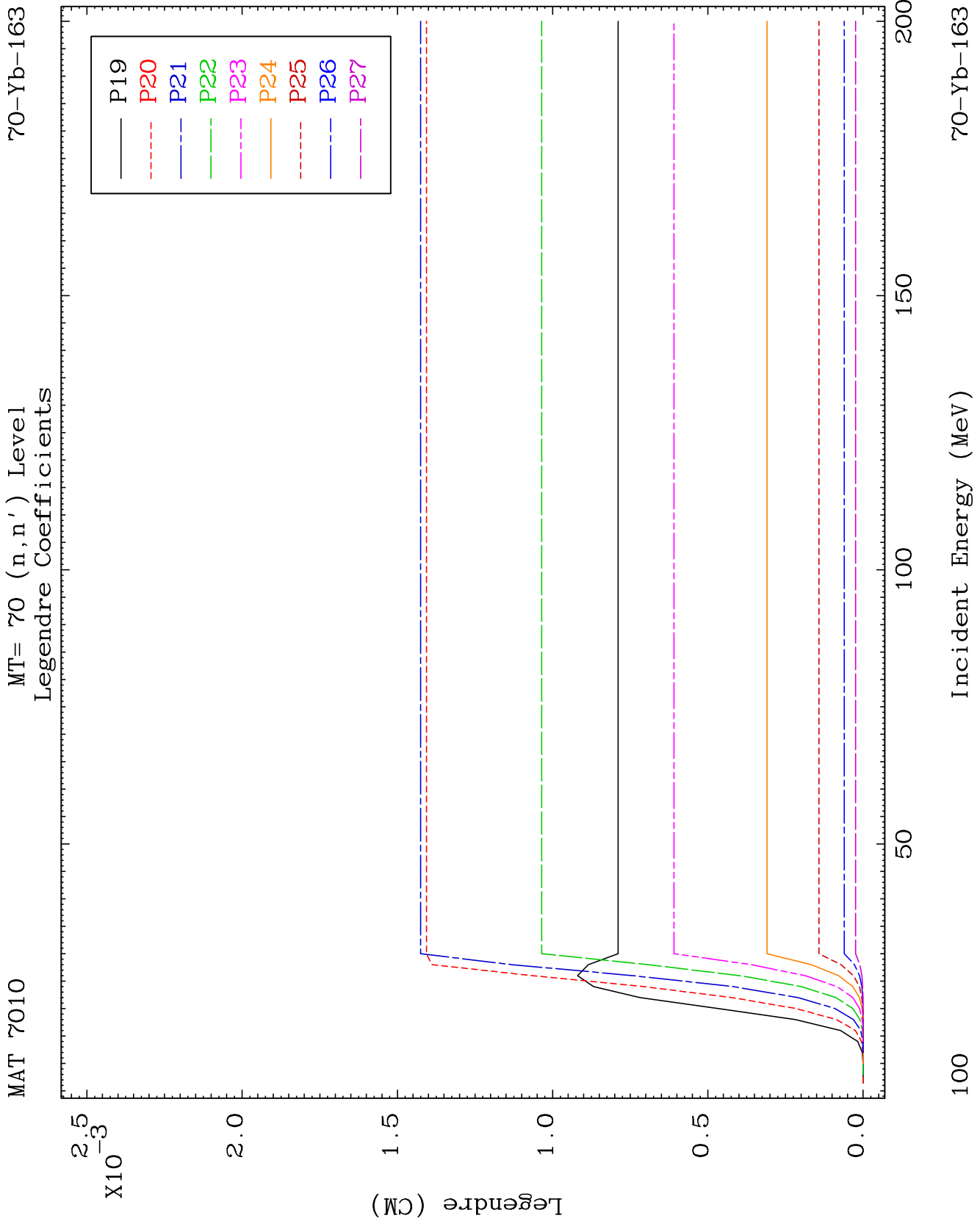
MAT 7010

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

70-Yb-163



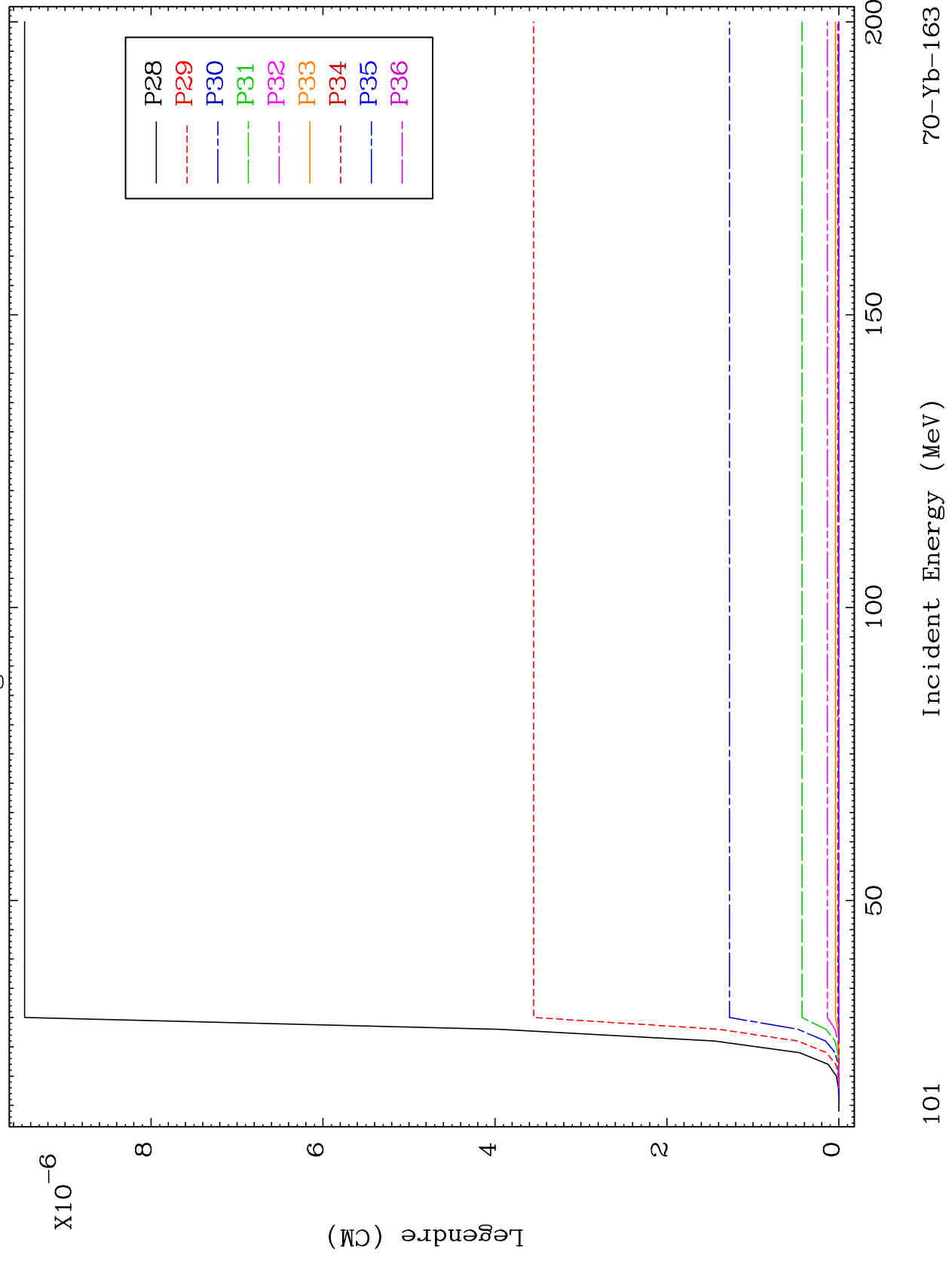




MAT 7010

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

70-Yb-163



70-Yb-163

Incident Energy (MeV)

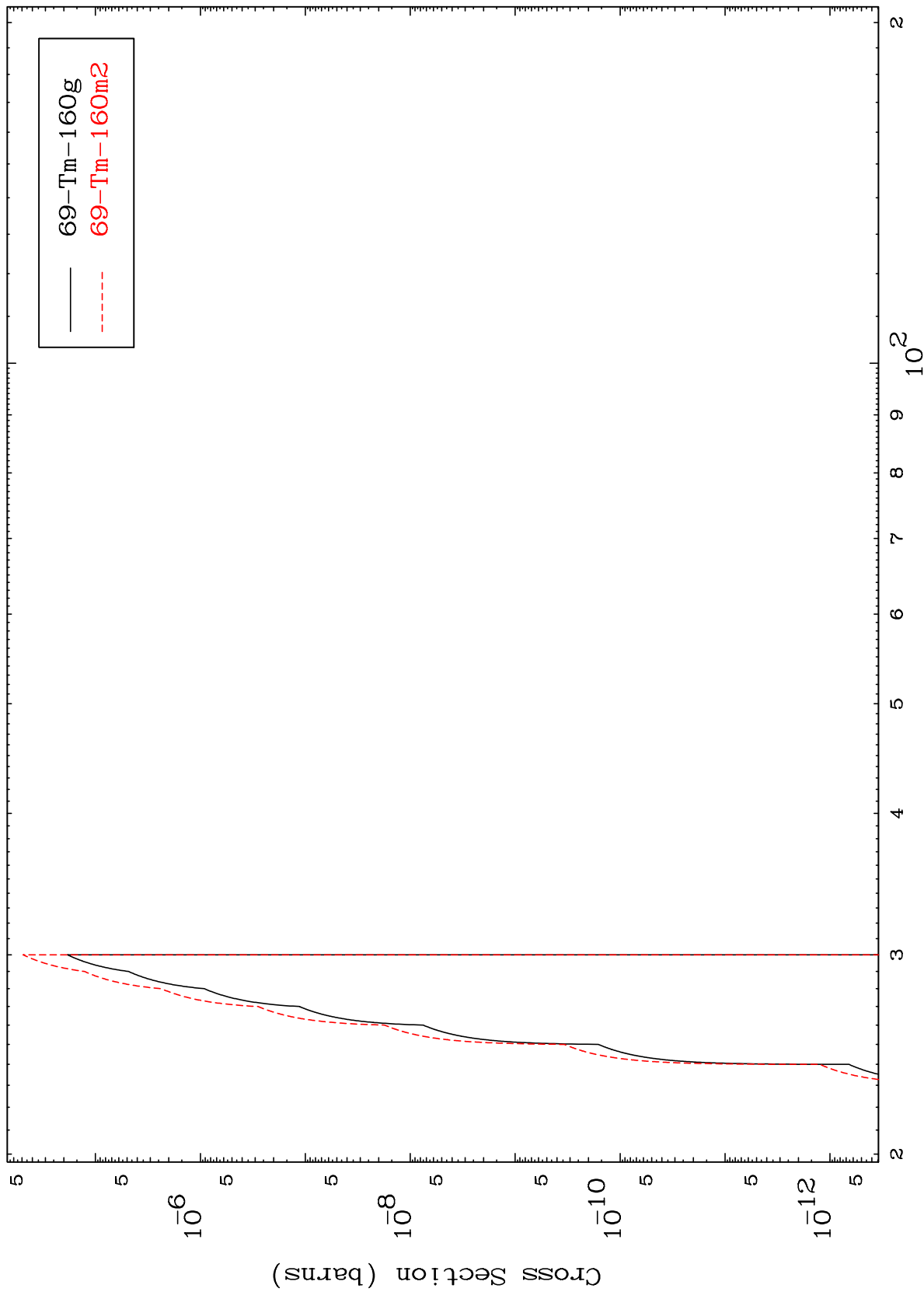
101

MAT 7010

(n,2n) d

70-Yb-163

Radionuclide Production Cross Section



102

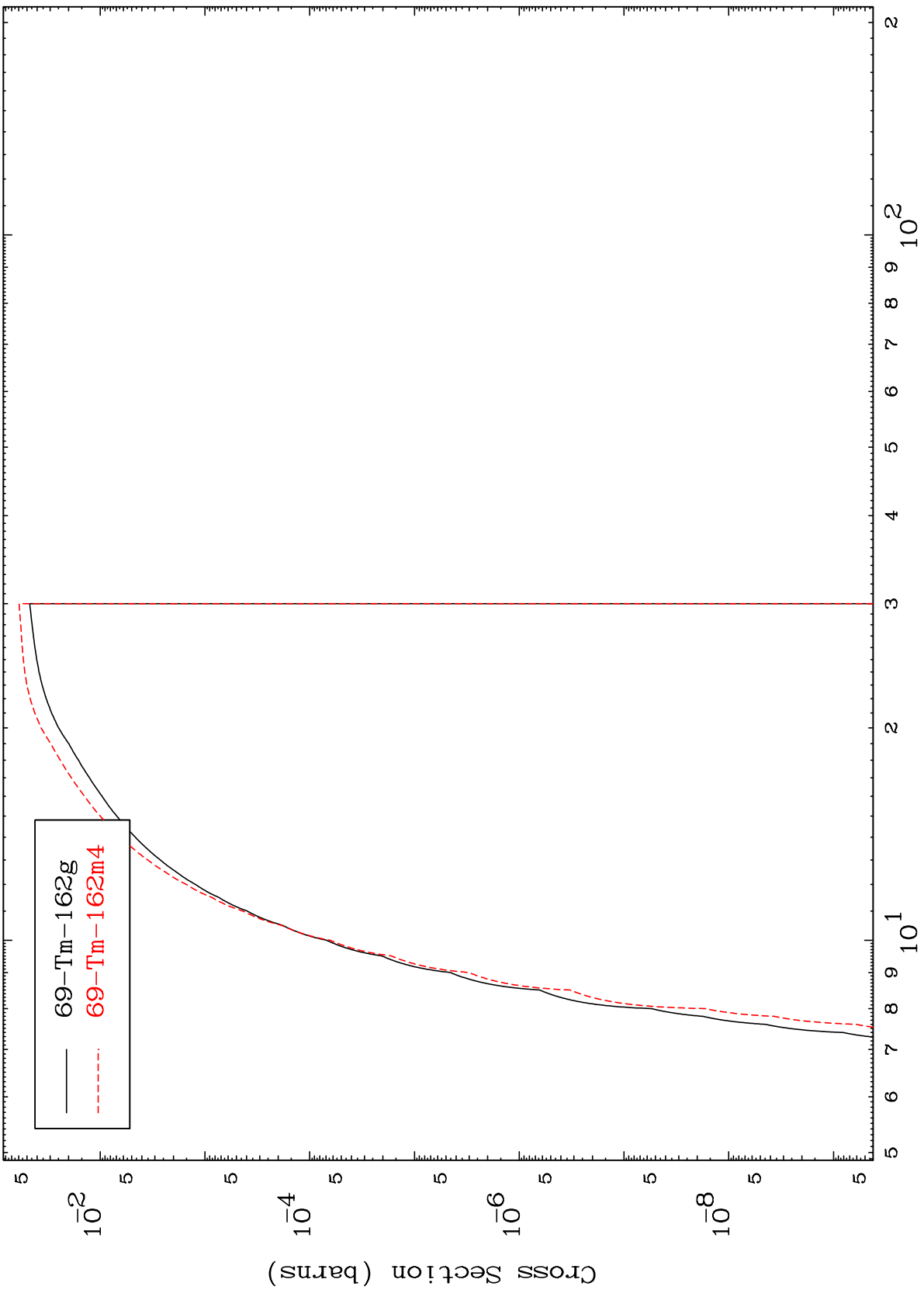
Incident Energy (MeV)

70-Yb-163

MAT 7010

70-Yb-163

(n,n') p
Radionuclide Production Cross Section



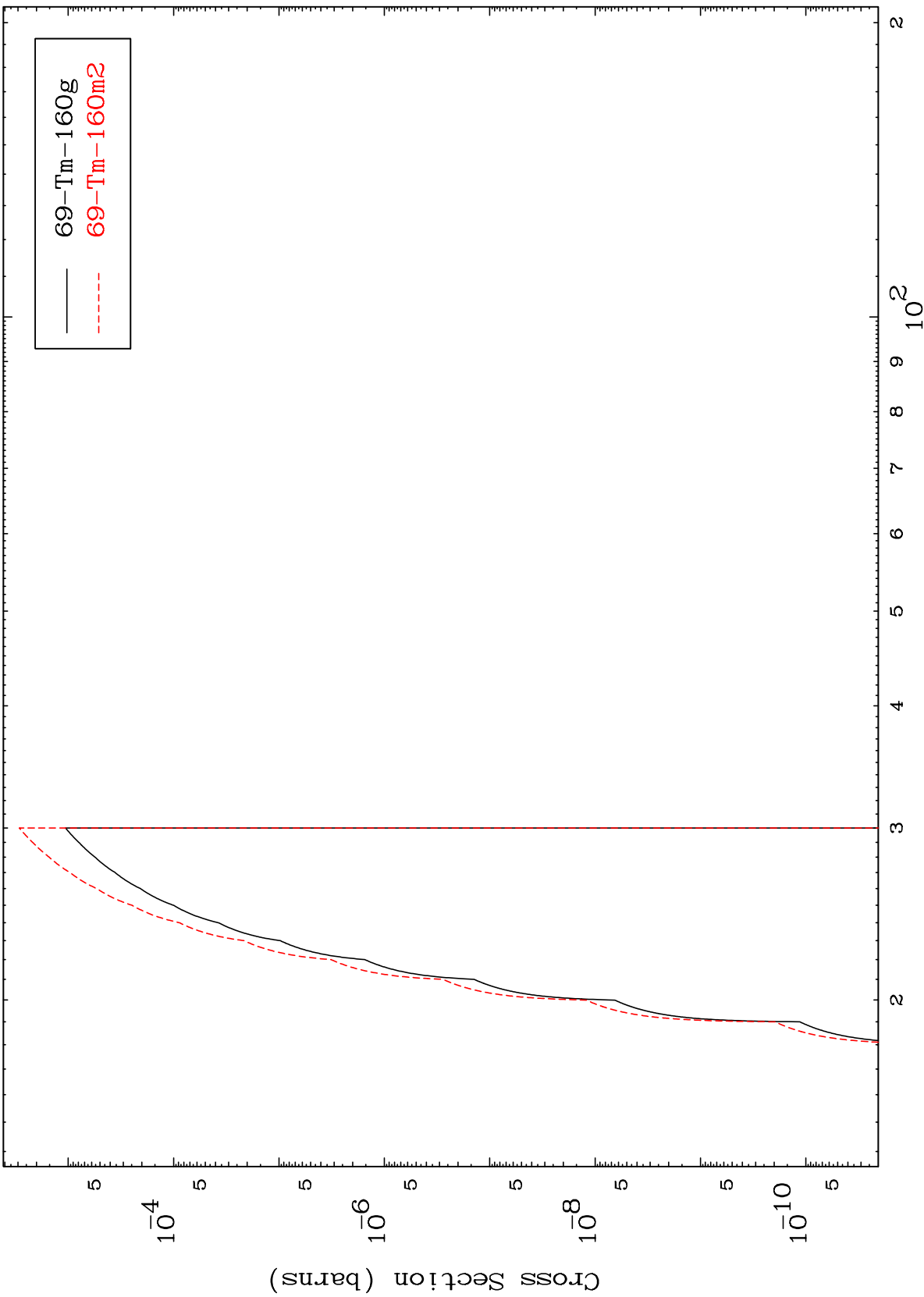
69-Tm-162g
69-Tm-162m4

70-Yb-163

Incident Energy (MeV)

103

Radionuclide Production Cross Section

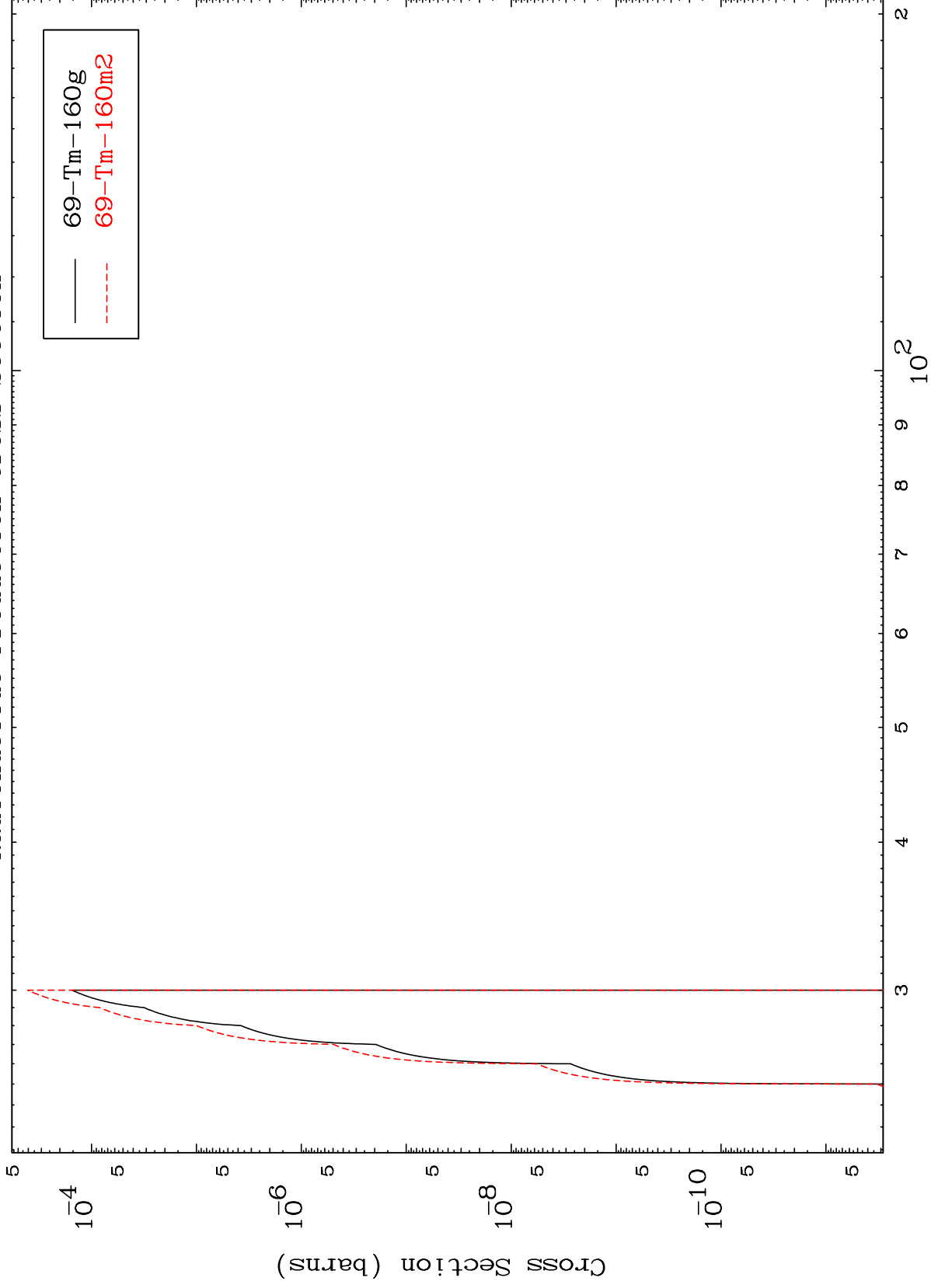


MAT 7010

(n,3n) p

70-Yb-163

Radionuclide Production Cross Section



105

Incident Energy (MeV)

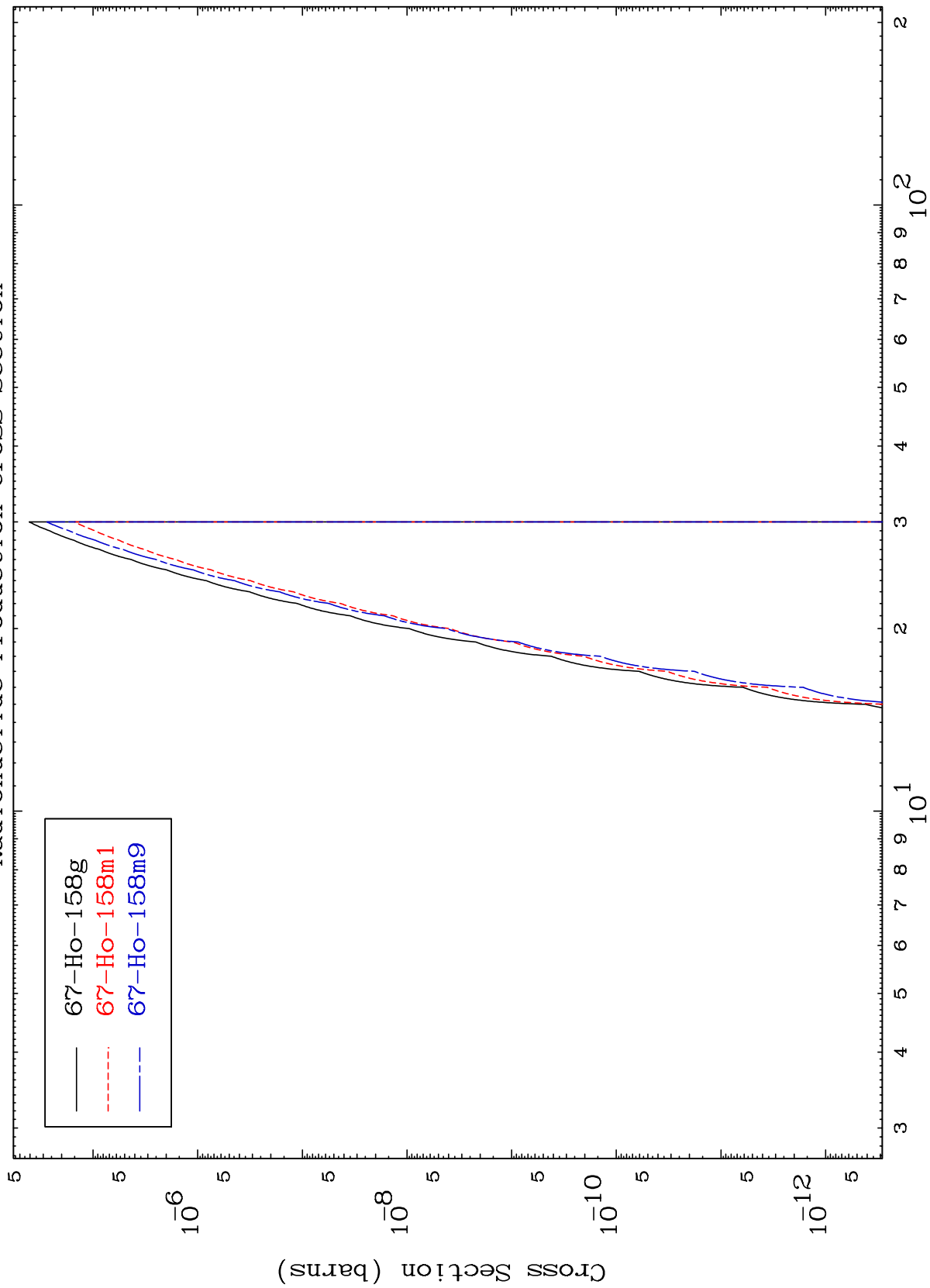
70-Yb-163

MAT 7010

(n,n') p α

70-Yb-163

Radionuclide Production Cross Section



106

Incident Energy (MeV)

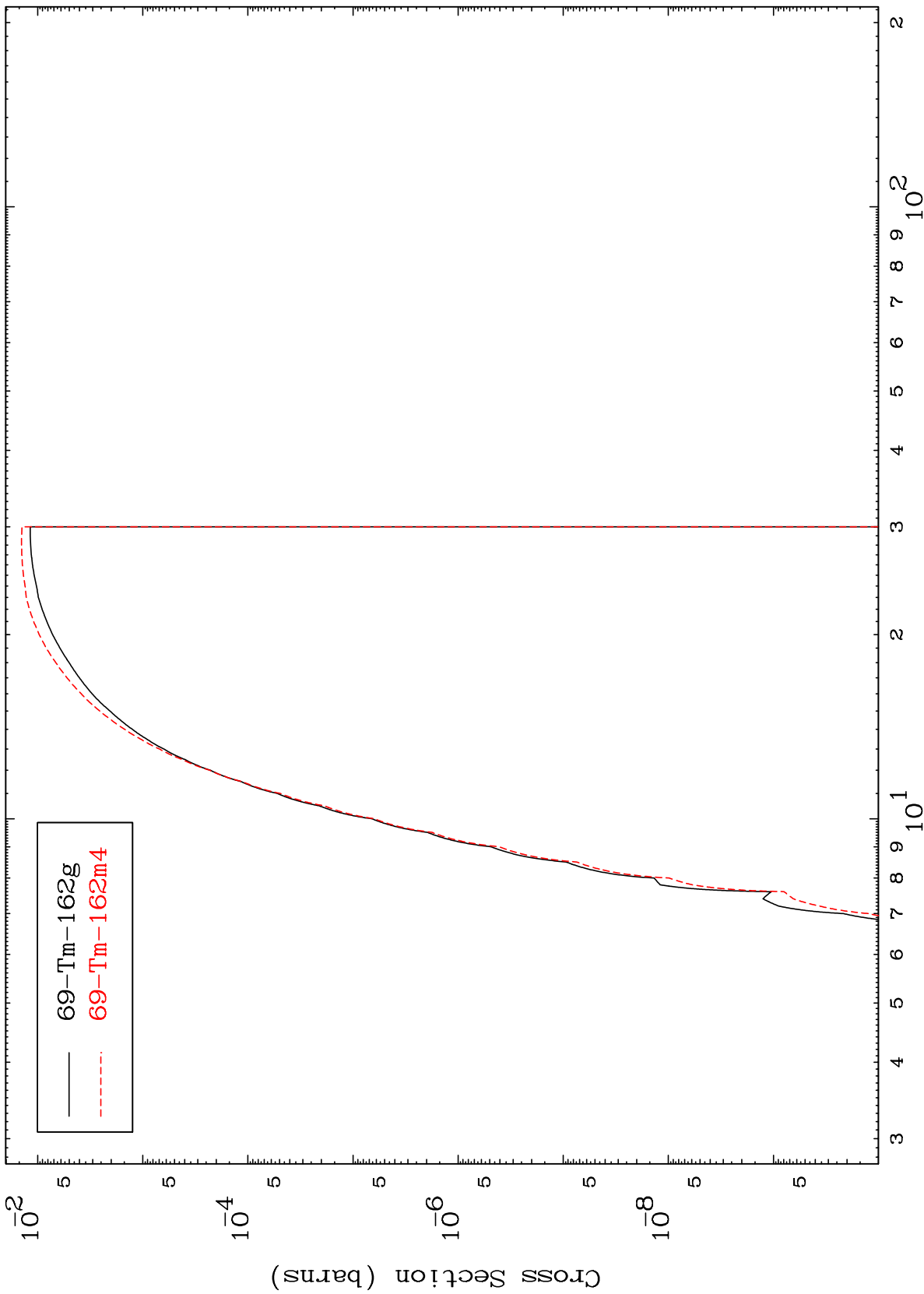
70-Yb-163

MAT 7010

(n,d)

70-Yb-163

Radionuclide Production Cross Section



107

Incident Energy (MeV)

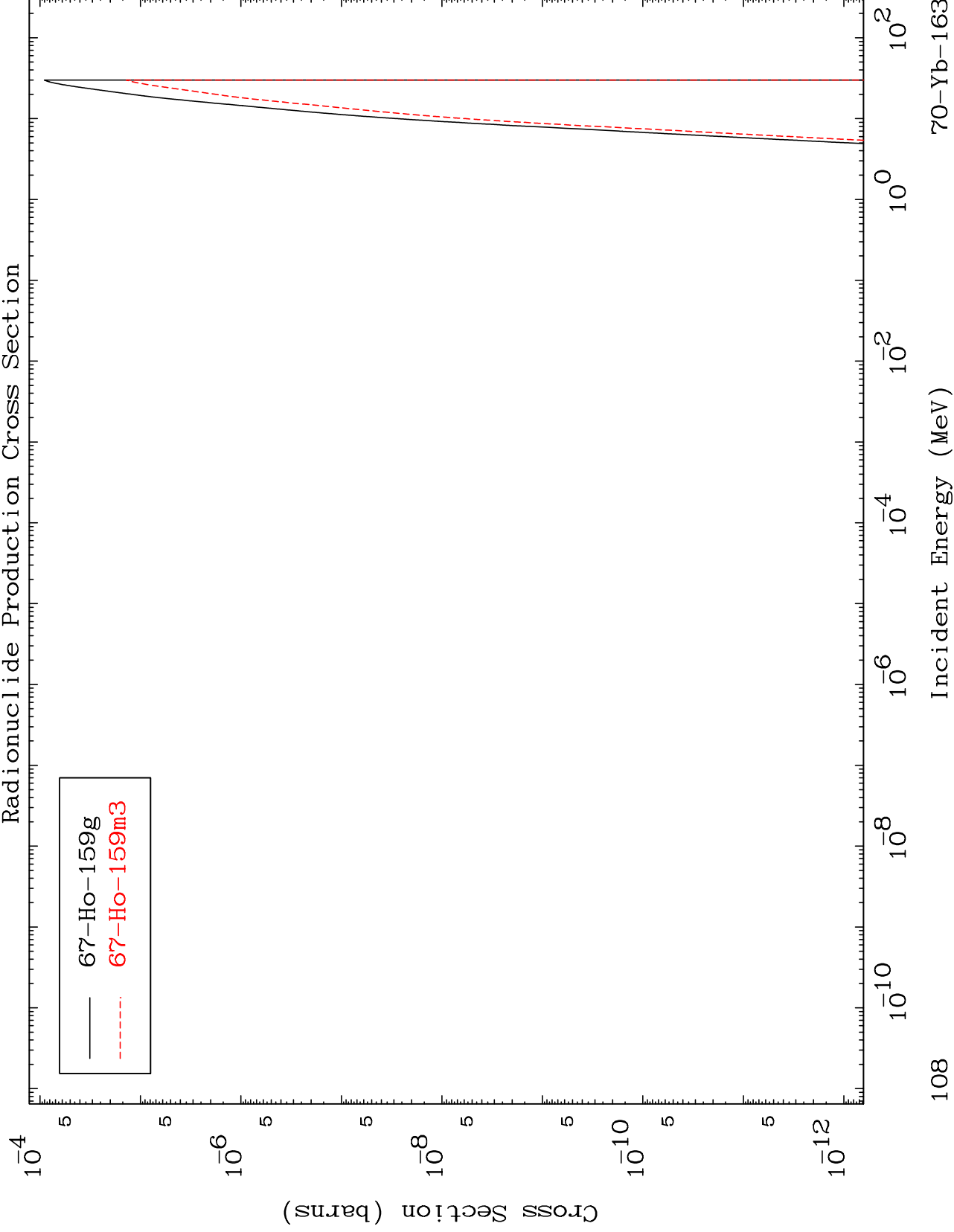
70-Yb-163

MAT 7010

(n,p) α

70-Yb-163

Radionuclide Production Cross Section



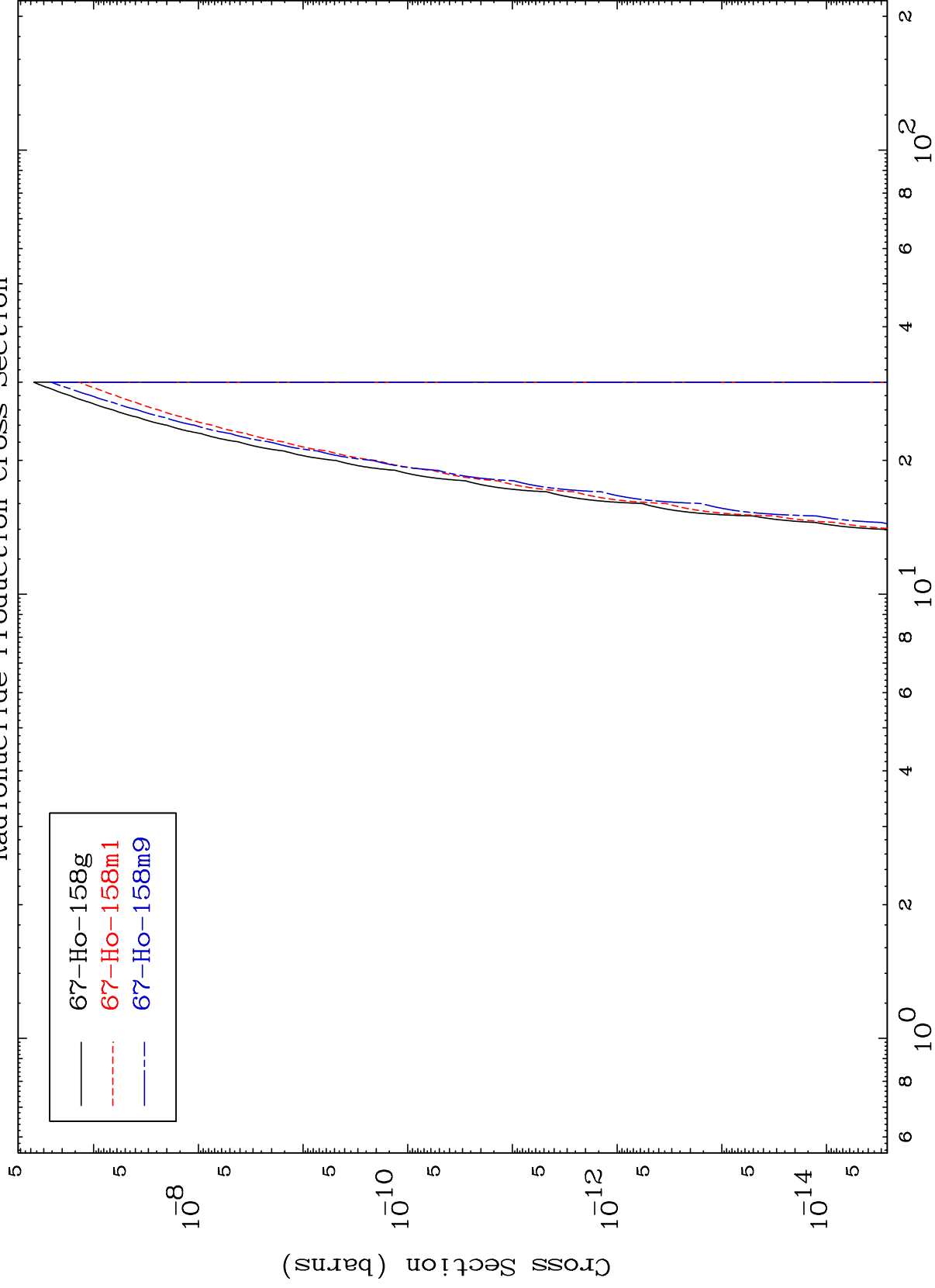
— 67-Ho-159g
- - - 67-Ho-159m3

MAT 7010

(n,d) α

70-Yb-163

Radionuclide Production Cross Section



109

Incident Energy (MeV)

70-Yb-163