

Program EVALPLOT
(Version 2021-1)

by

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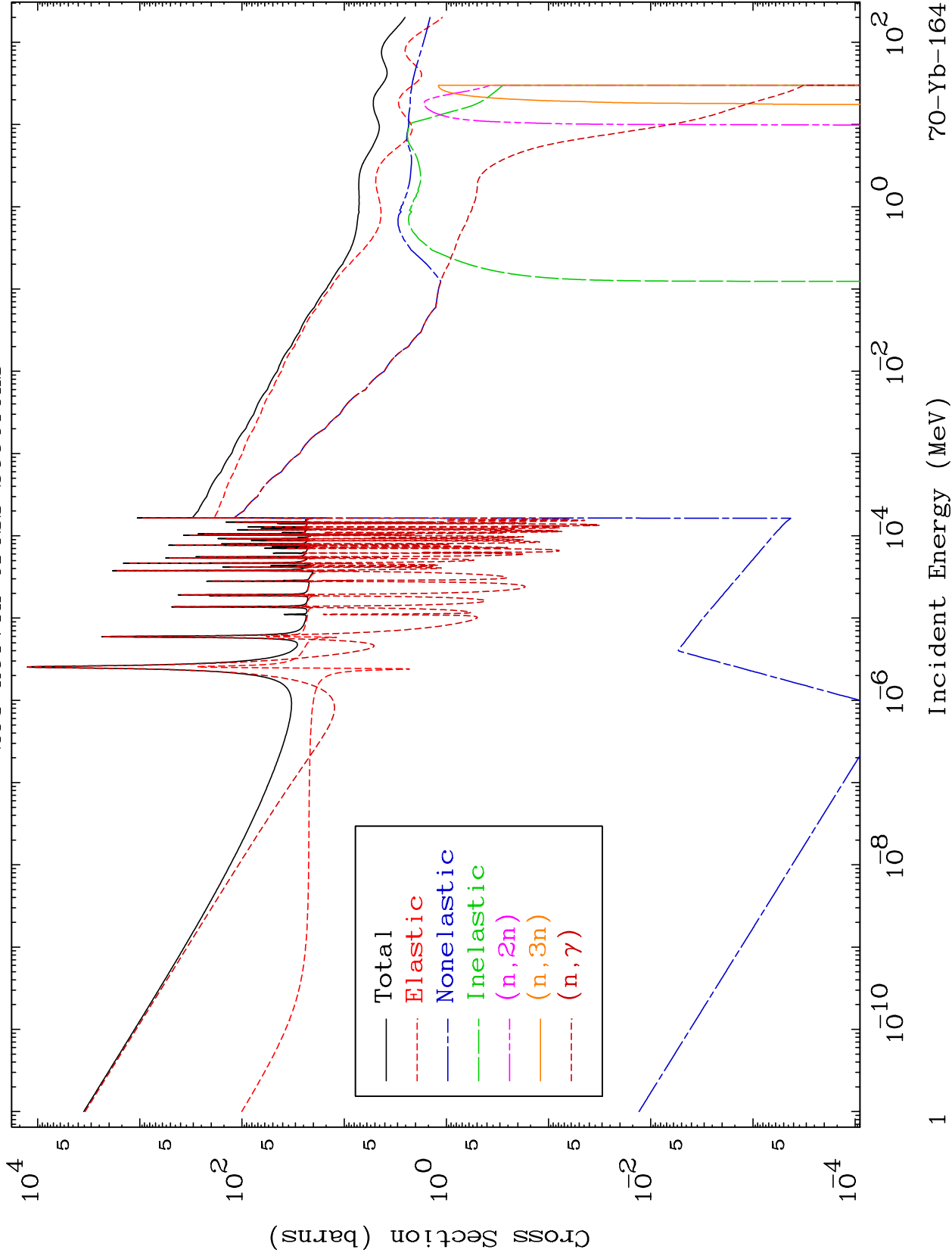
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7013

Neutron Major
293 Kelvin Cross Sections

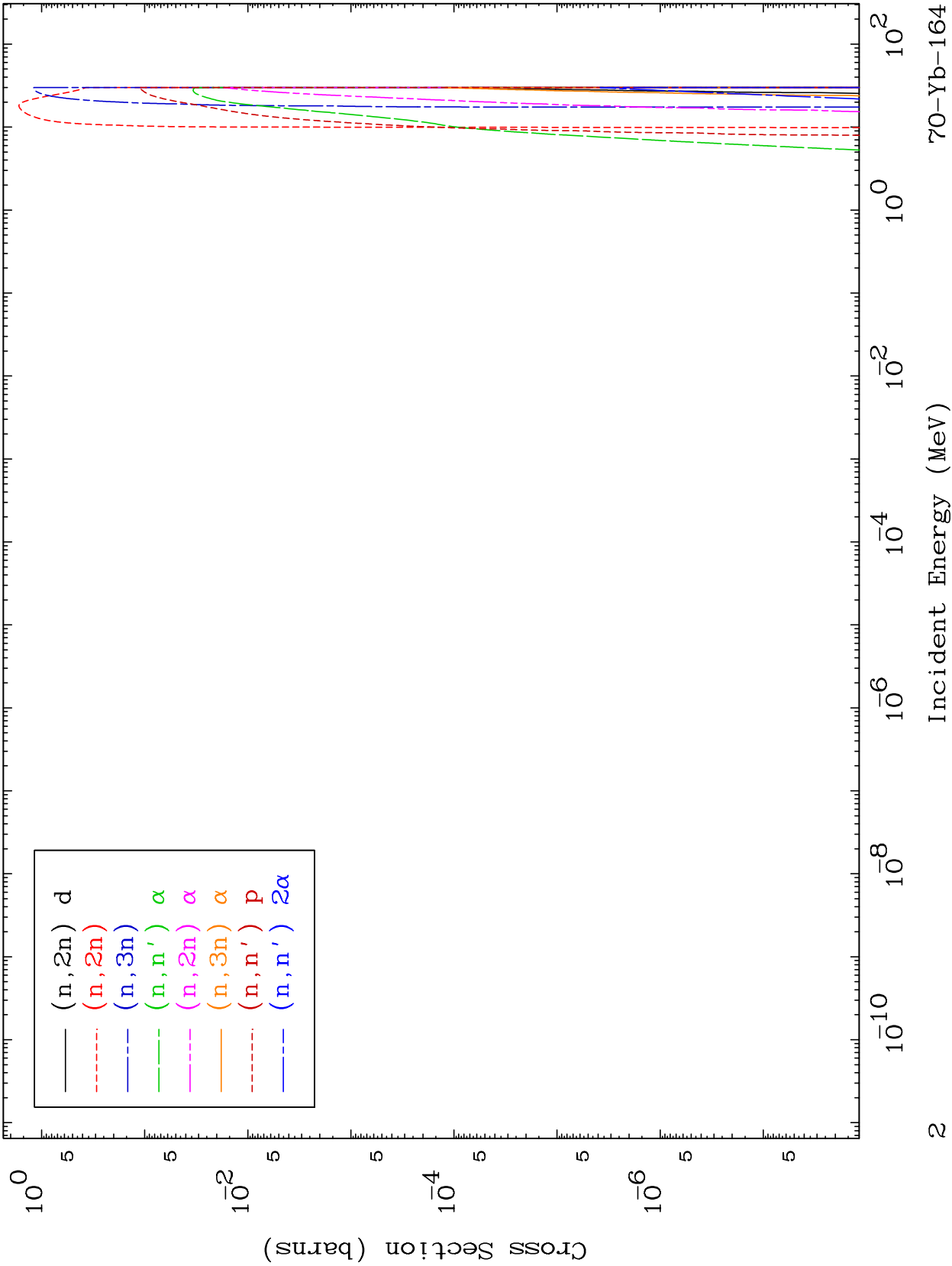
70-Yb-164



MAT 7013

Neutron Absorption
293 Kelvin Cross Sections

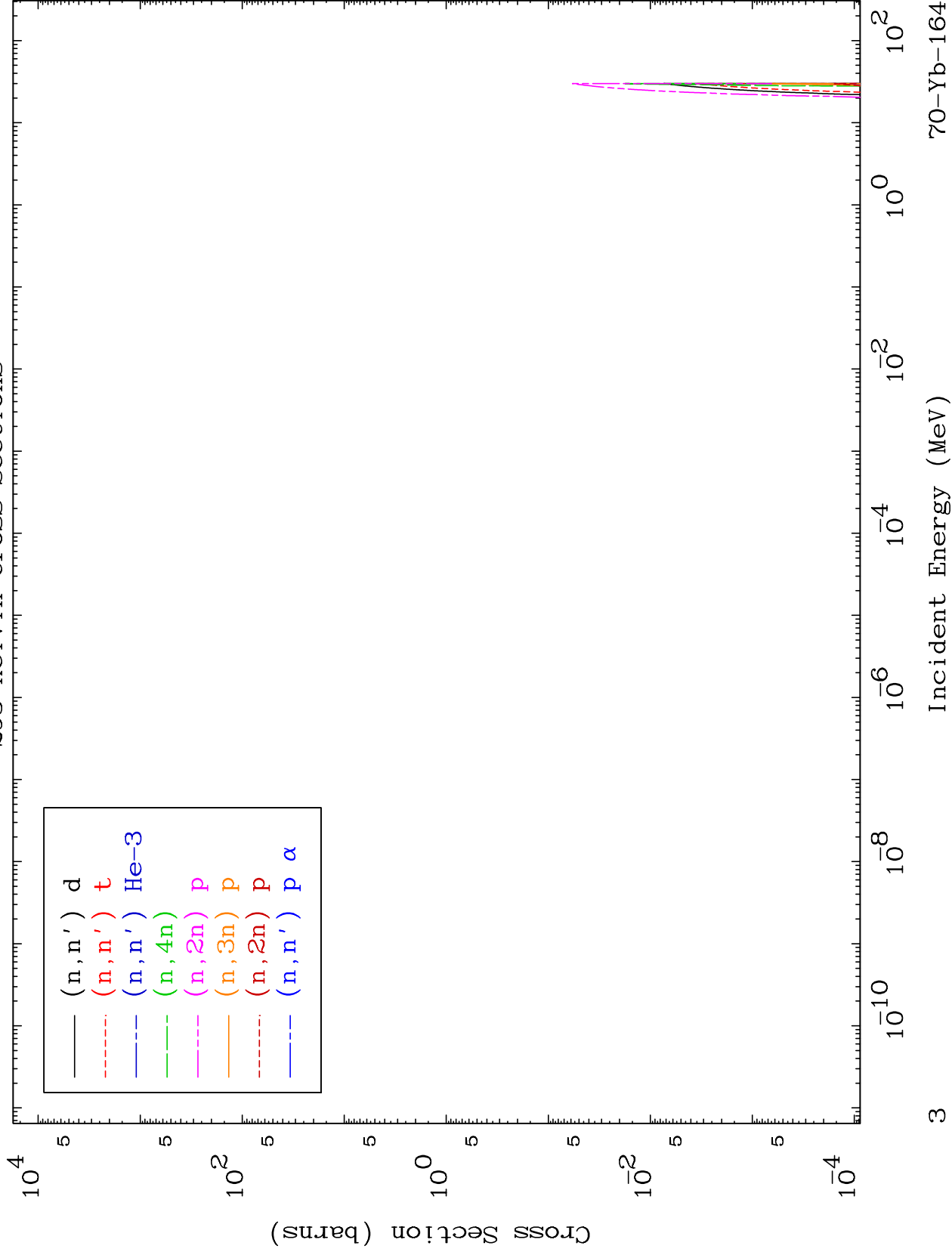
70-Yb-164



MAT 7013

Neutron Absorption
293 Kelvin Cross Sections

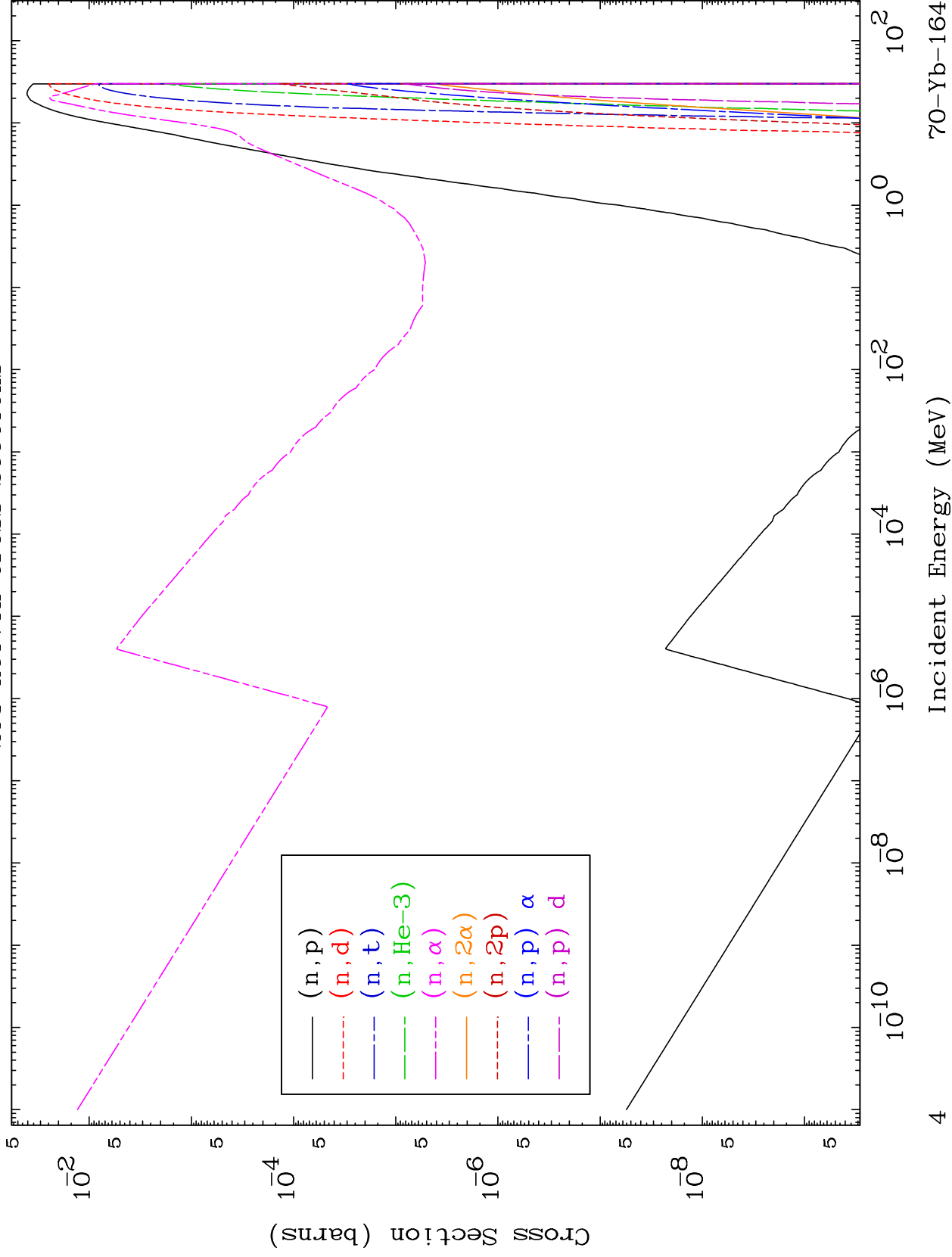
70-Yb-164



MAT 7013

Neutron Absorption
293 Kelvin Cross Sections

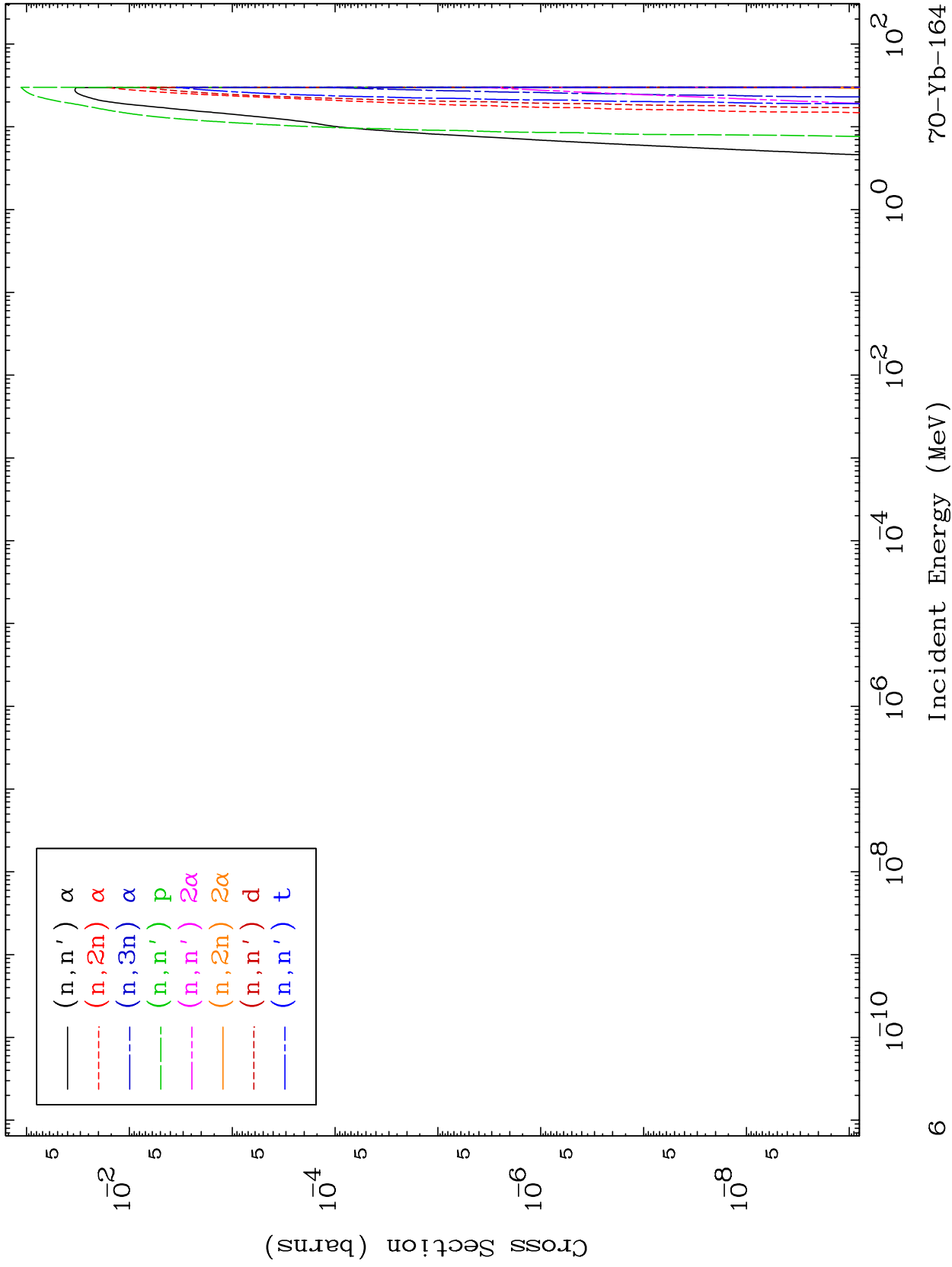
70-Yb-164

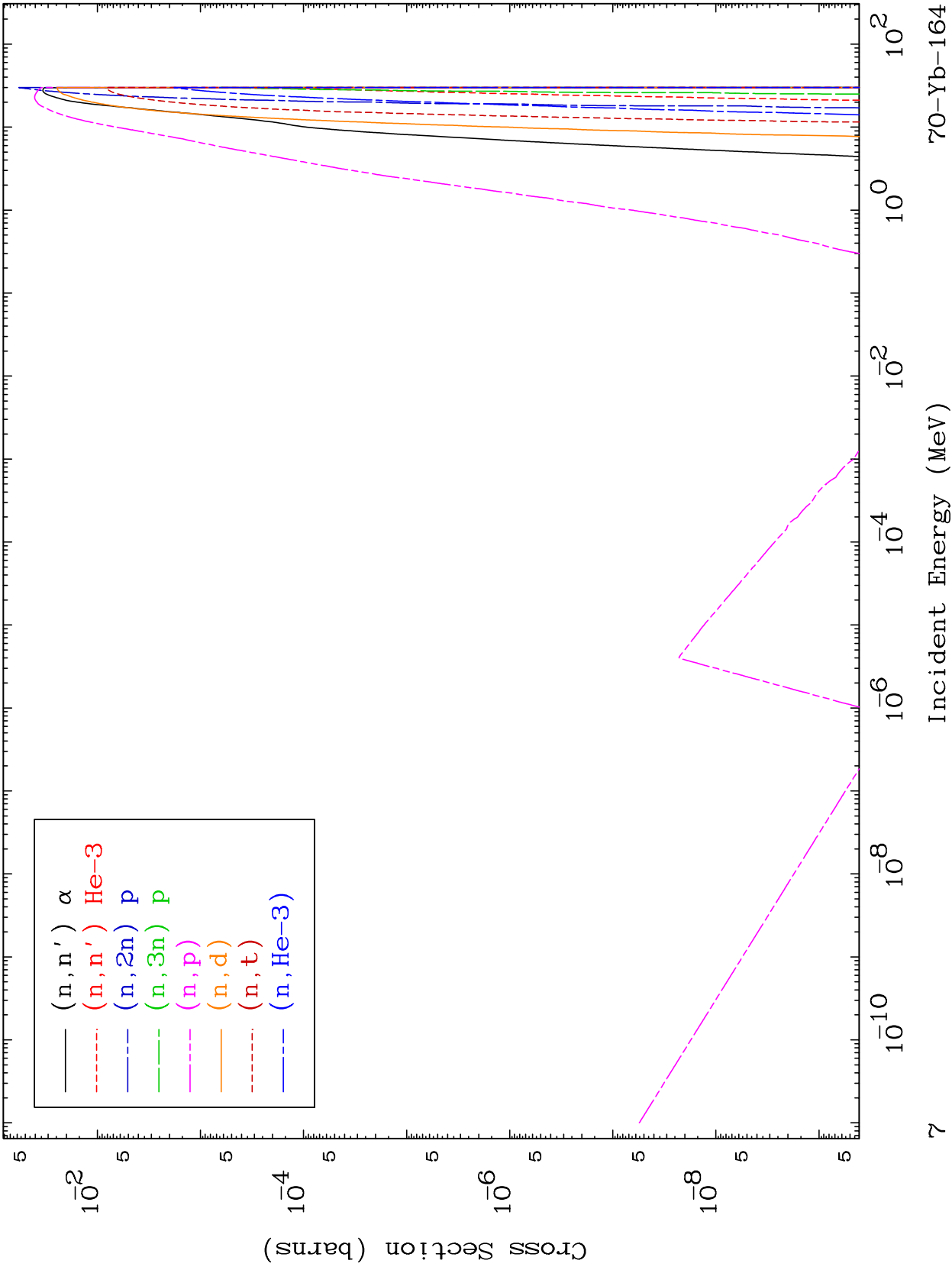


MAT 7013

Charged Particle
293 Kelvin Cross Sections

70-Yb-164

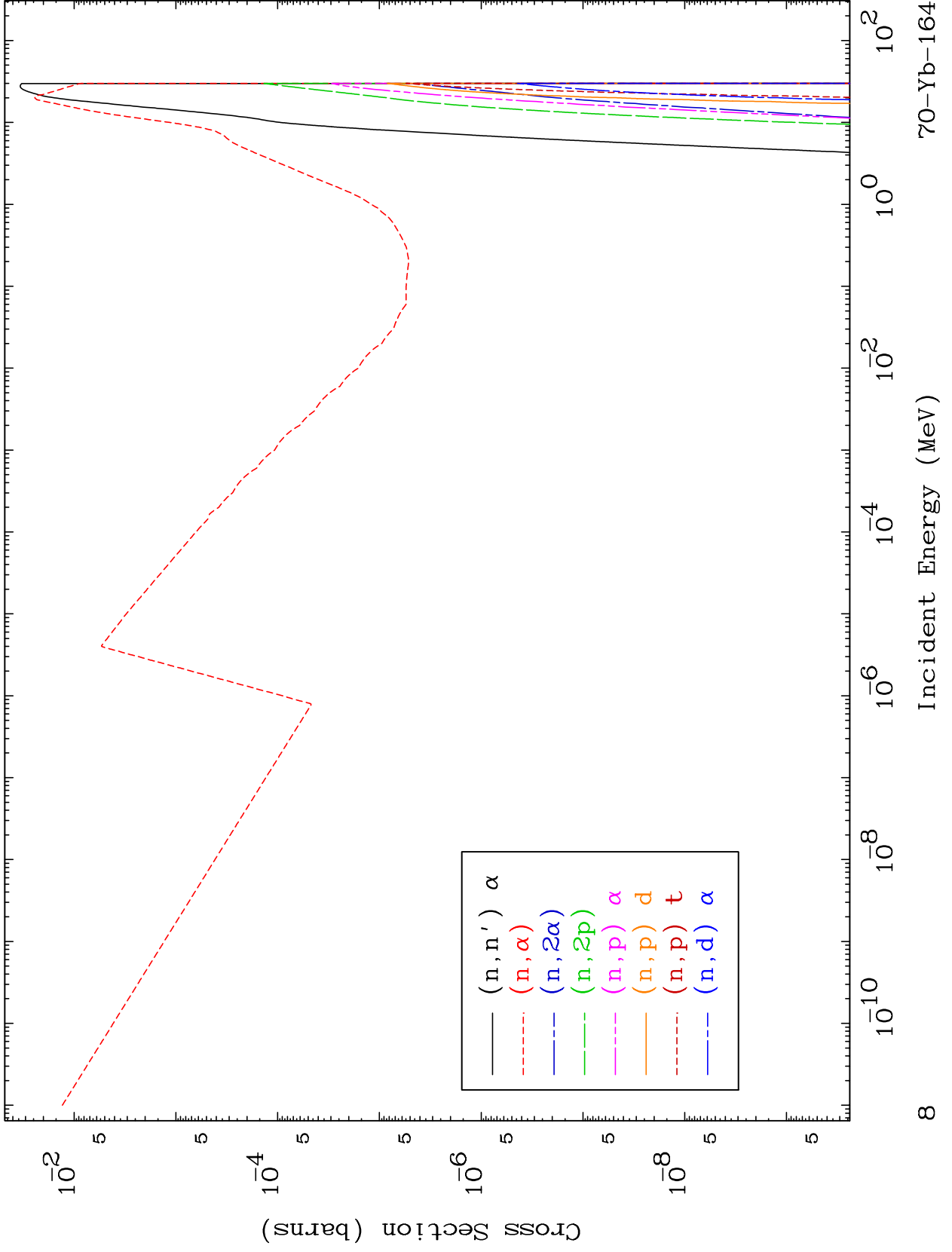




MAT 7013

Charged Particle
293 Kelvin Cross Sections

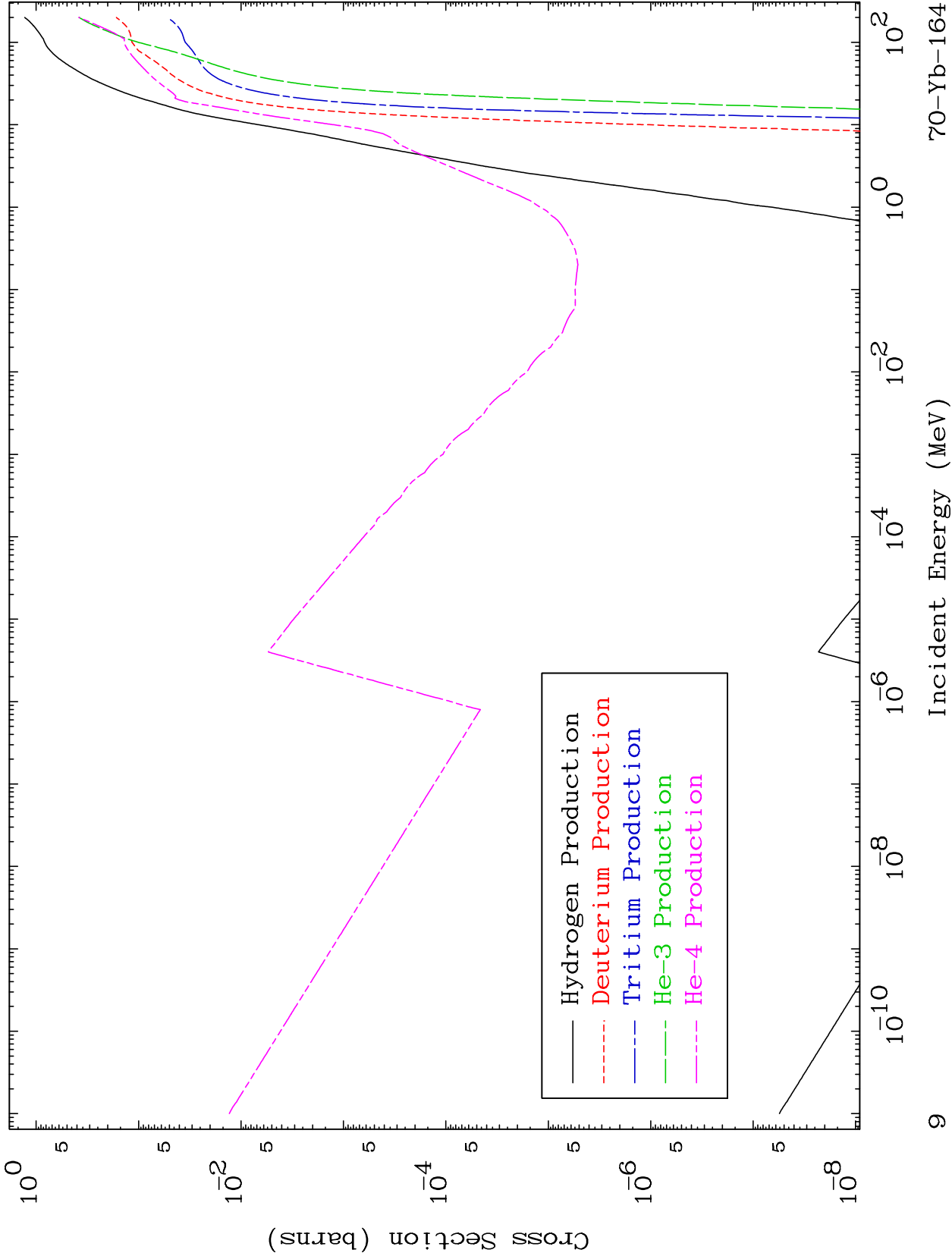
70-Yb-164



MAT 7013

Particle Production
293 Kelvin Cross Sections

70-Yb-164

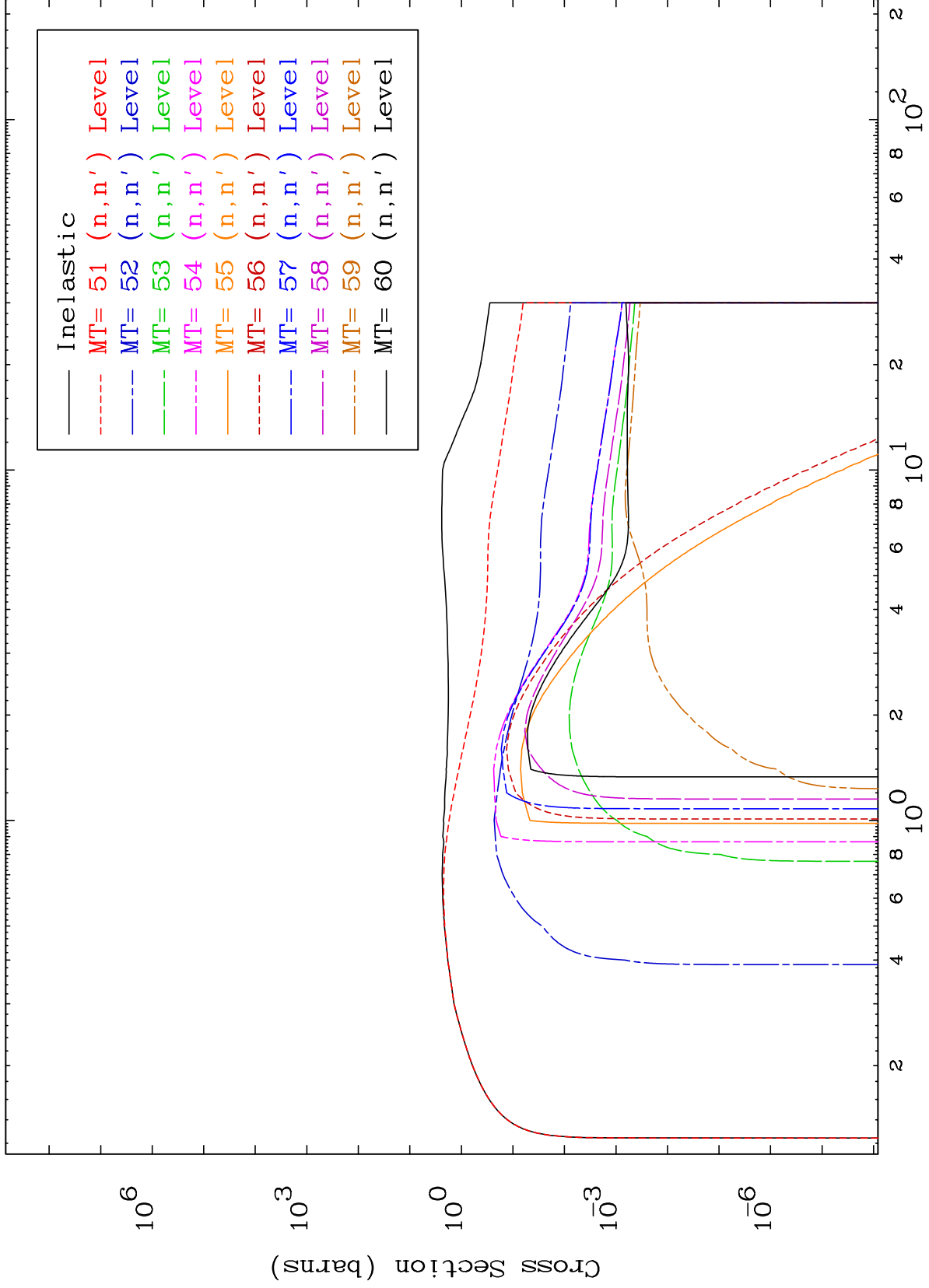


MAT 7013

(n,n') Levels

70-Yb-164

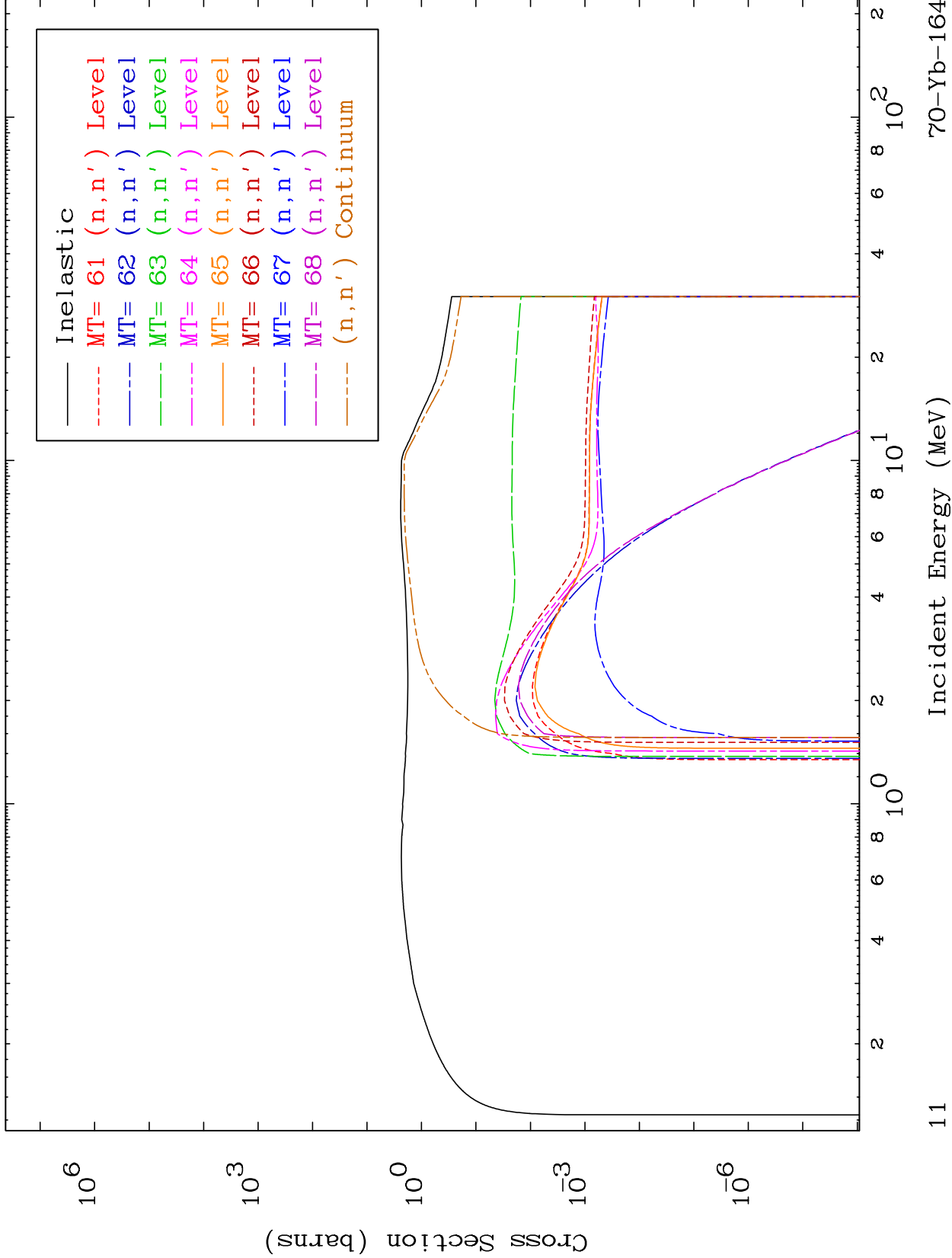
293 Kelvin Cross Sections



10

Incident Energy (MeV)

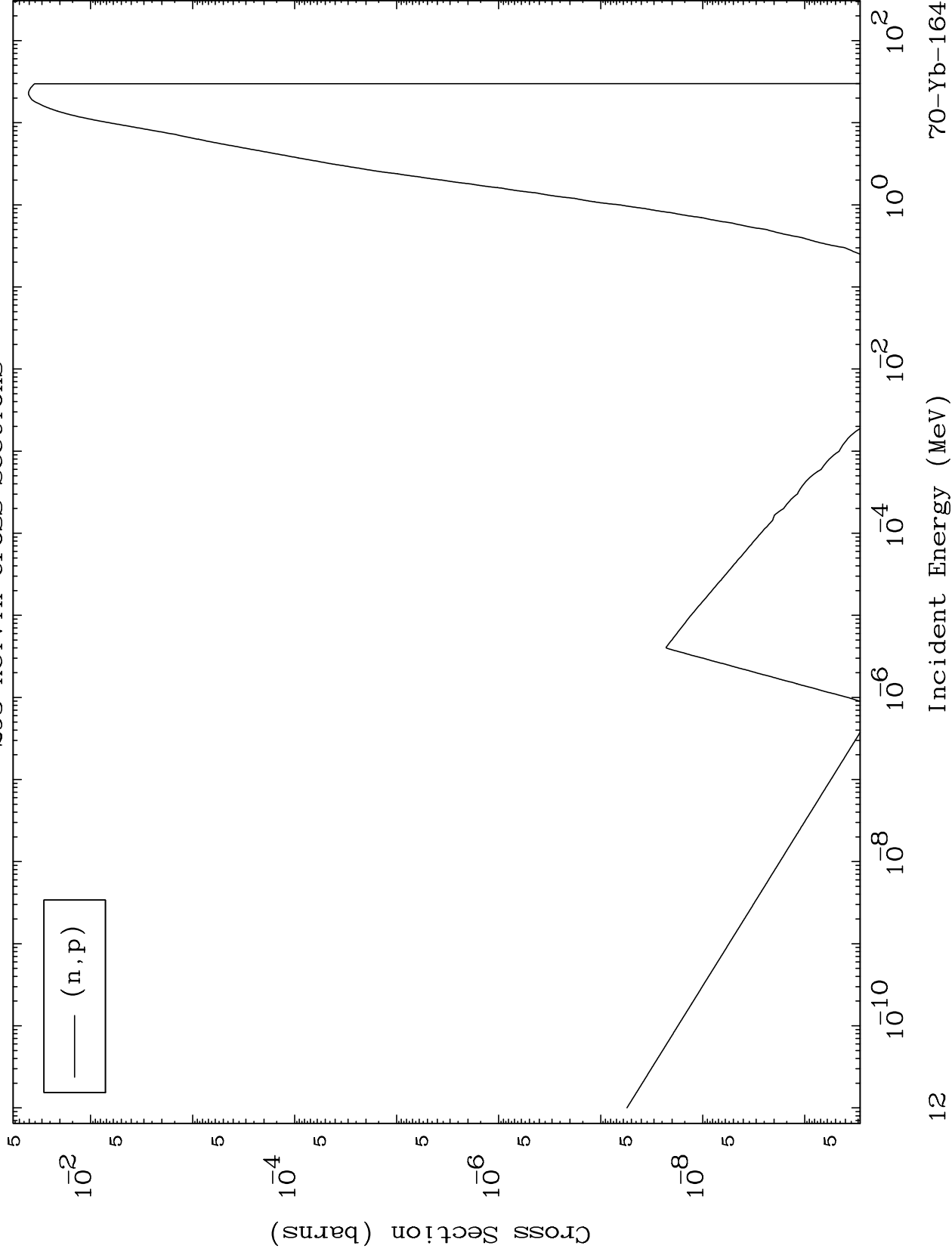
70-Yb-164



MAT 7013

(n,p) Levels
293 Kelvin Cross Sections

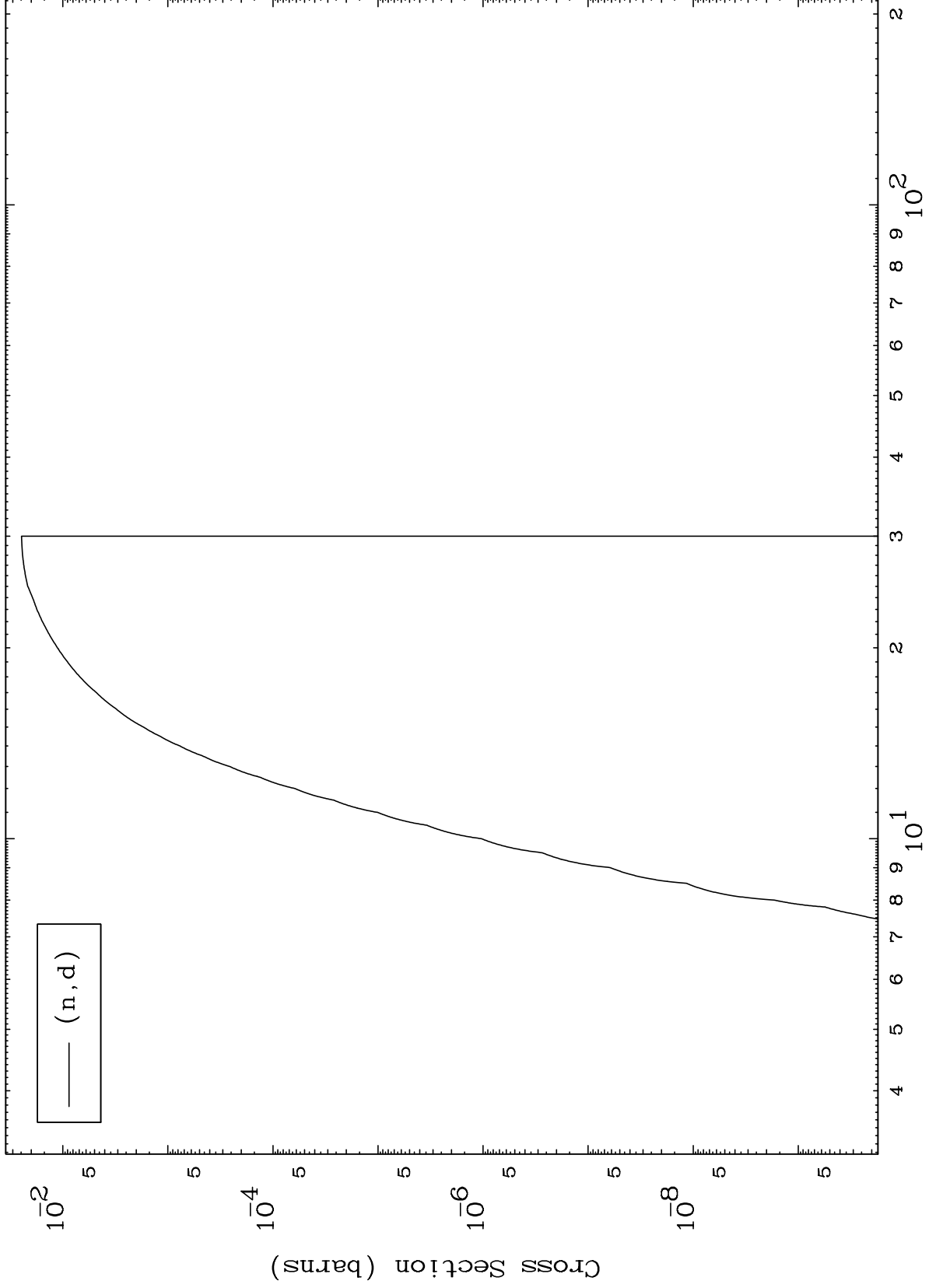
70-Yb-164



MAT 7013

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-164



13

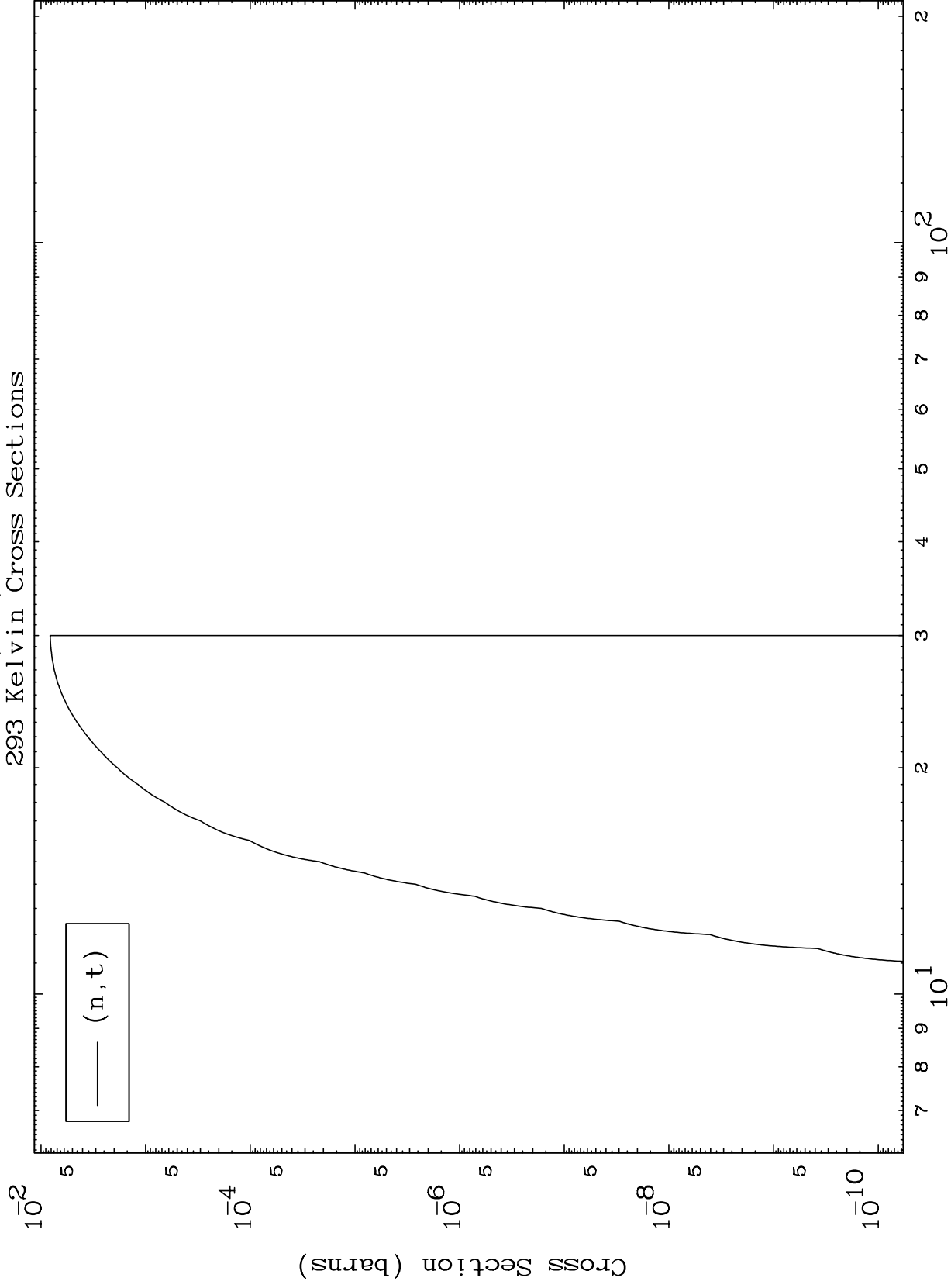
Incident Energy (MeV)

70-Yb-164

MAT 7013

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-164



14

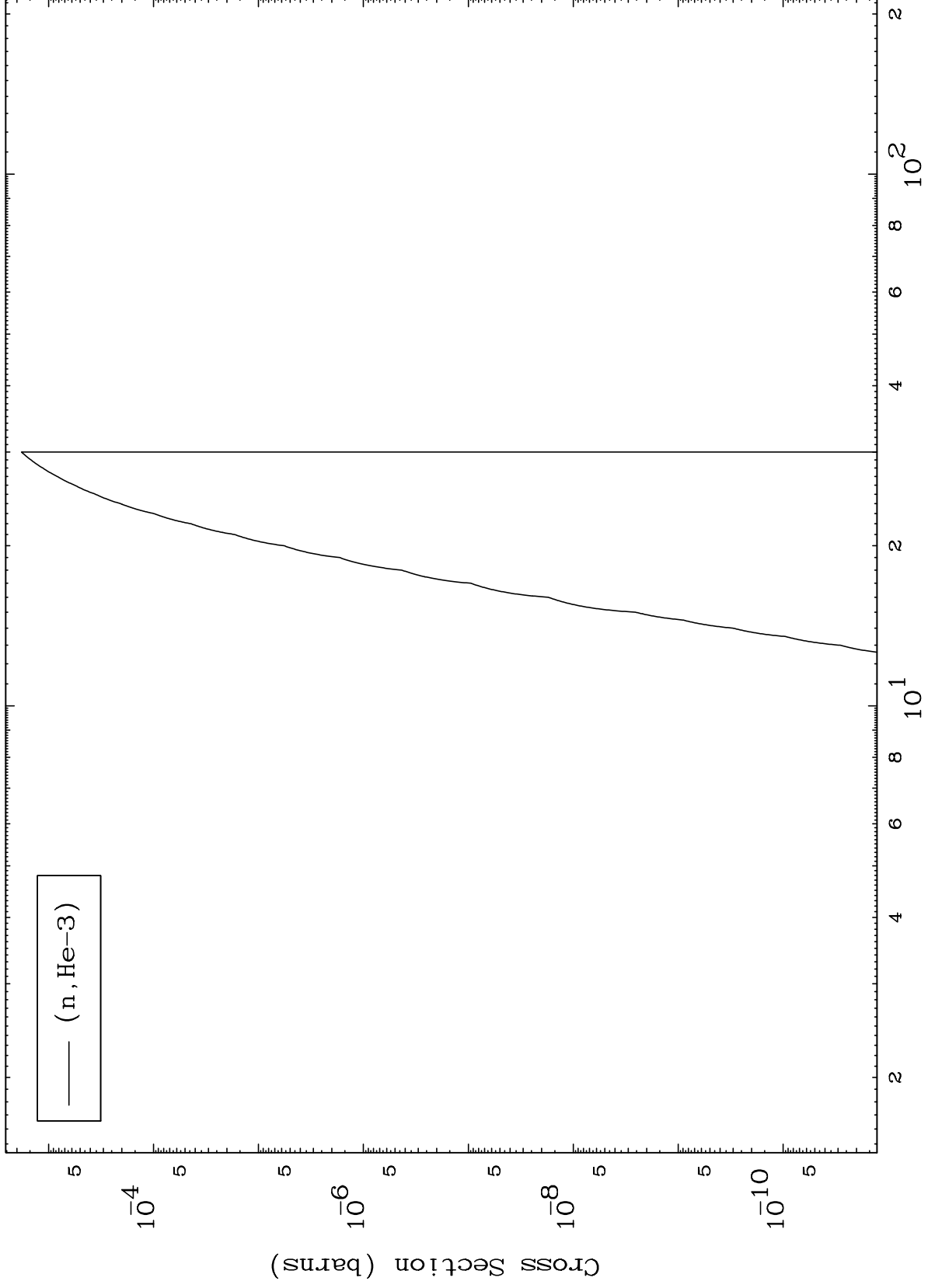
Incident Energy (MeV)

70-Yb-164

MAT 7013

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-164



15

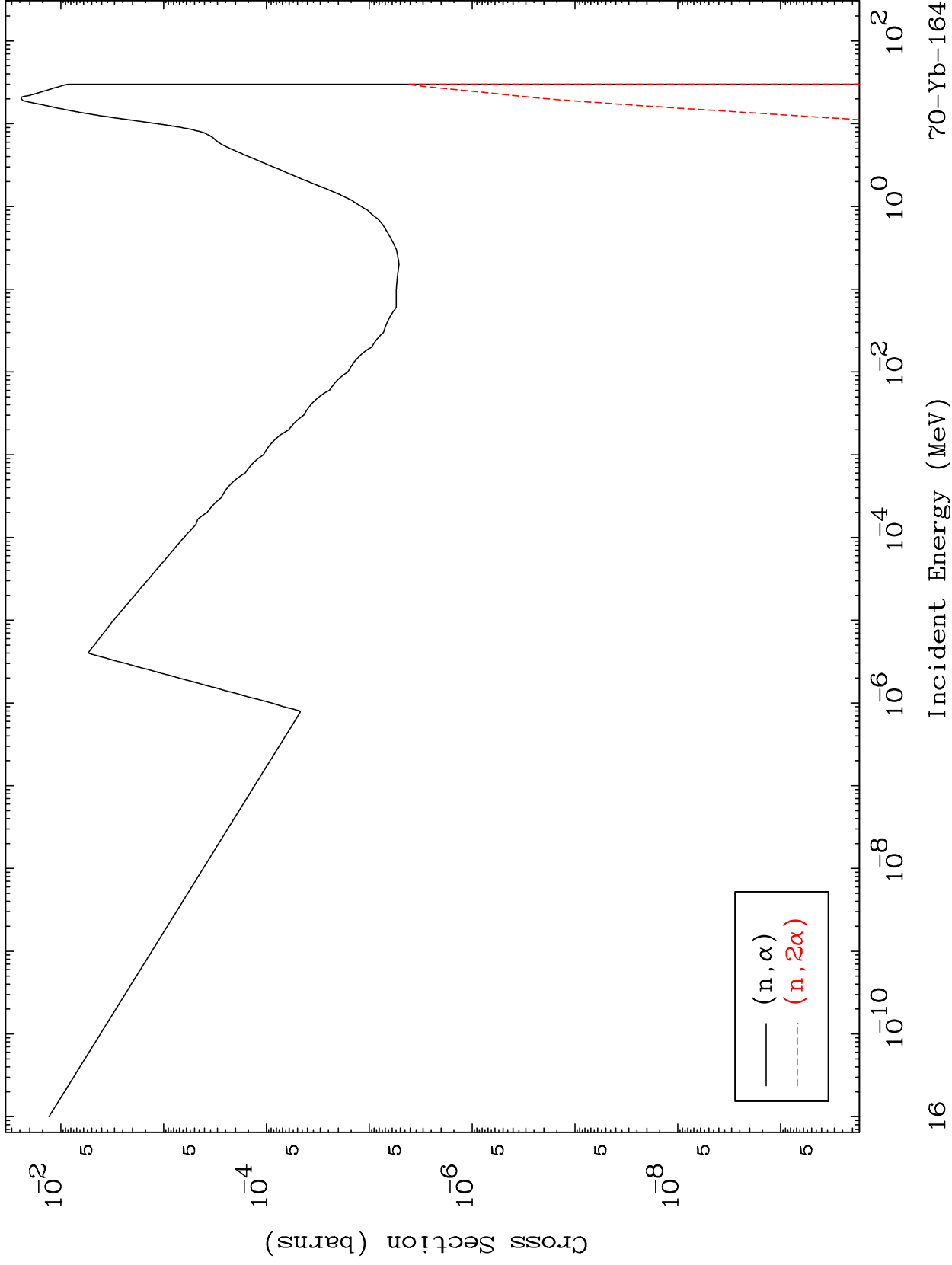
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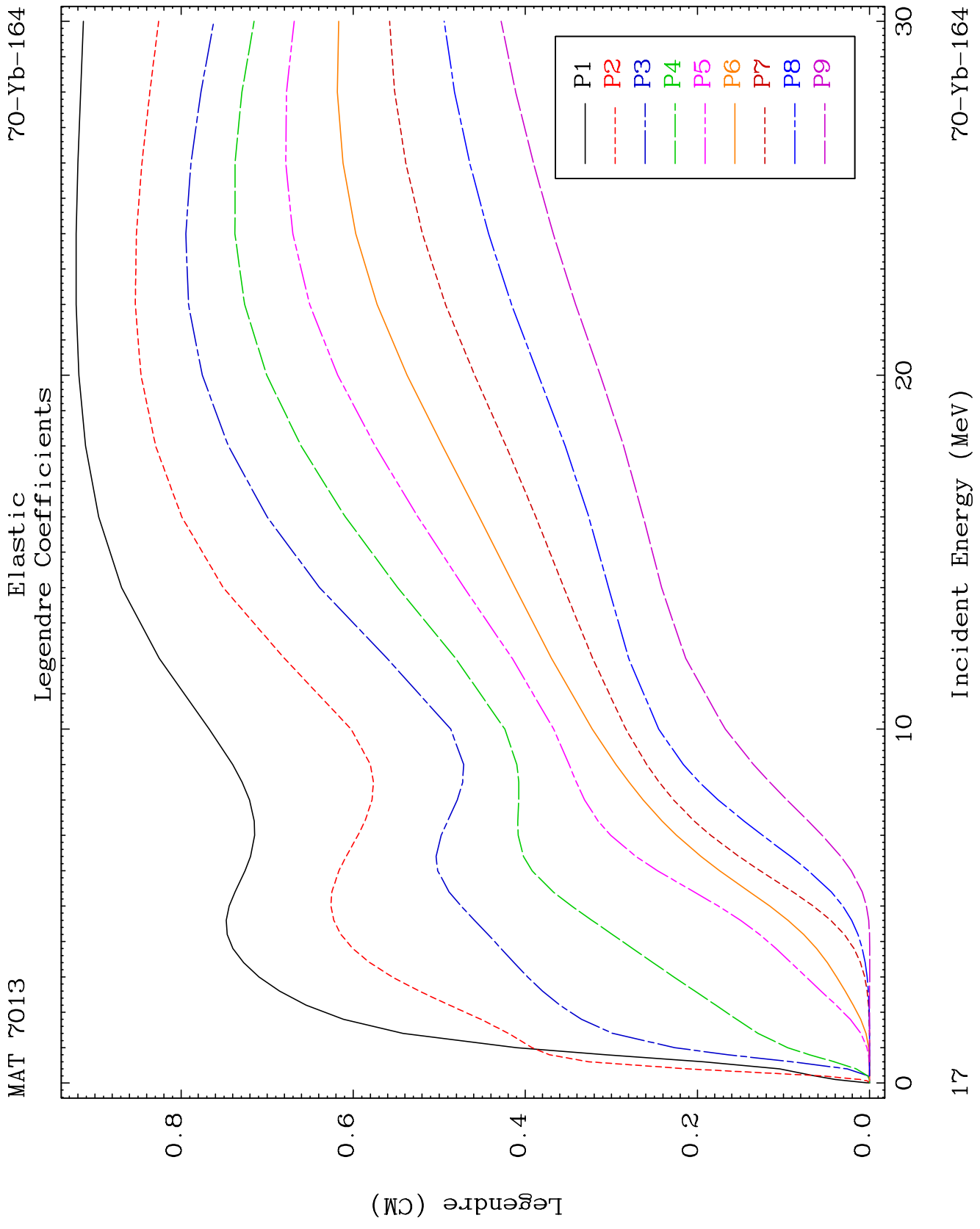
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MAT 7013

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-164

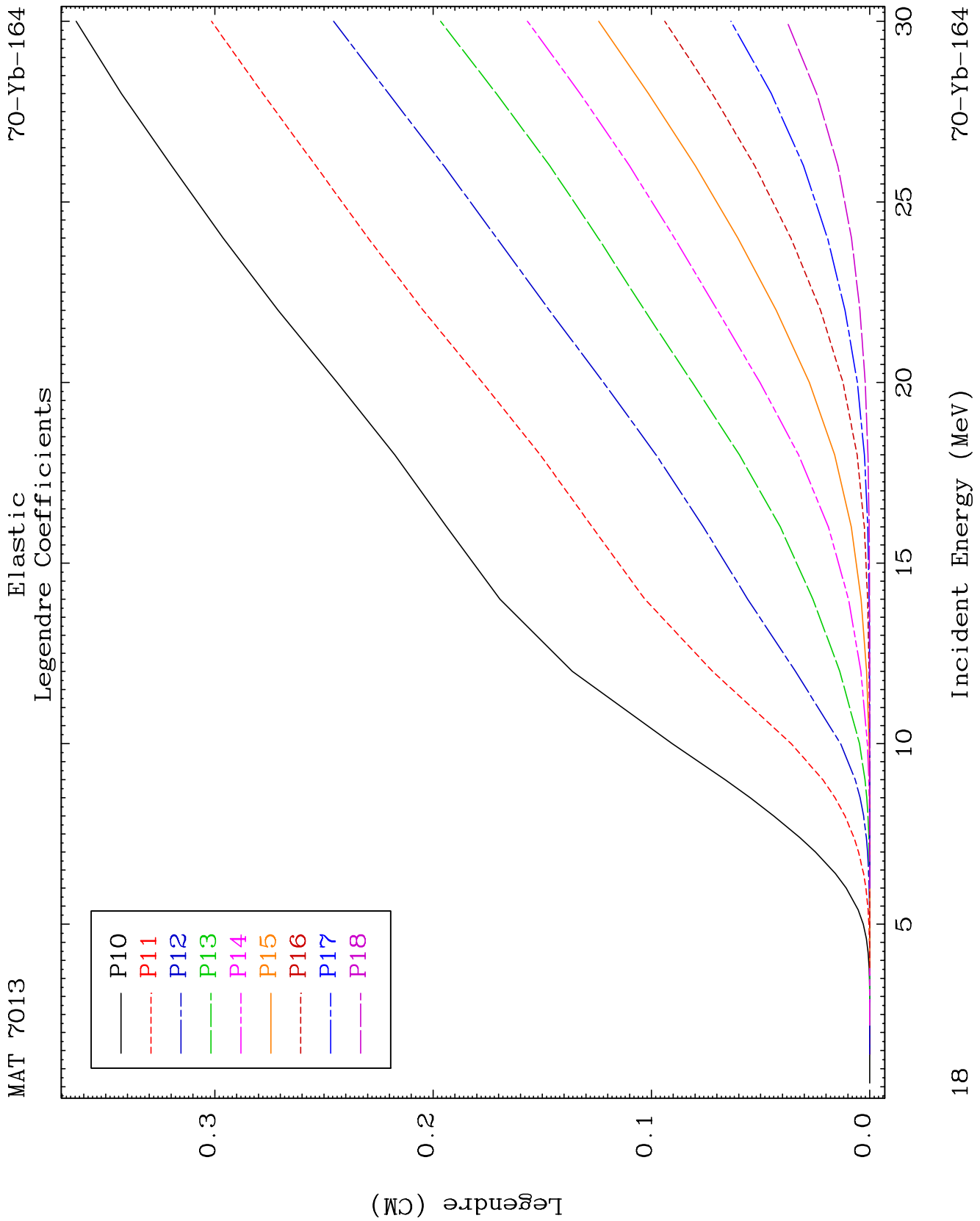




70-Yb-164

Incident Energy (MeV)

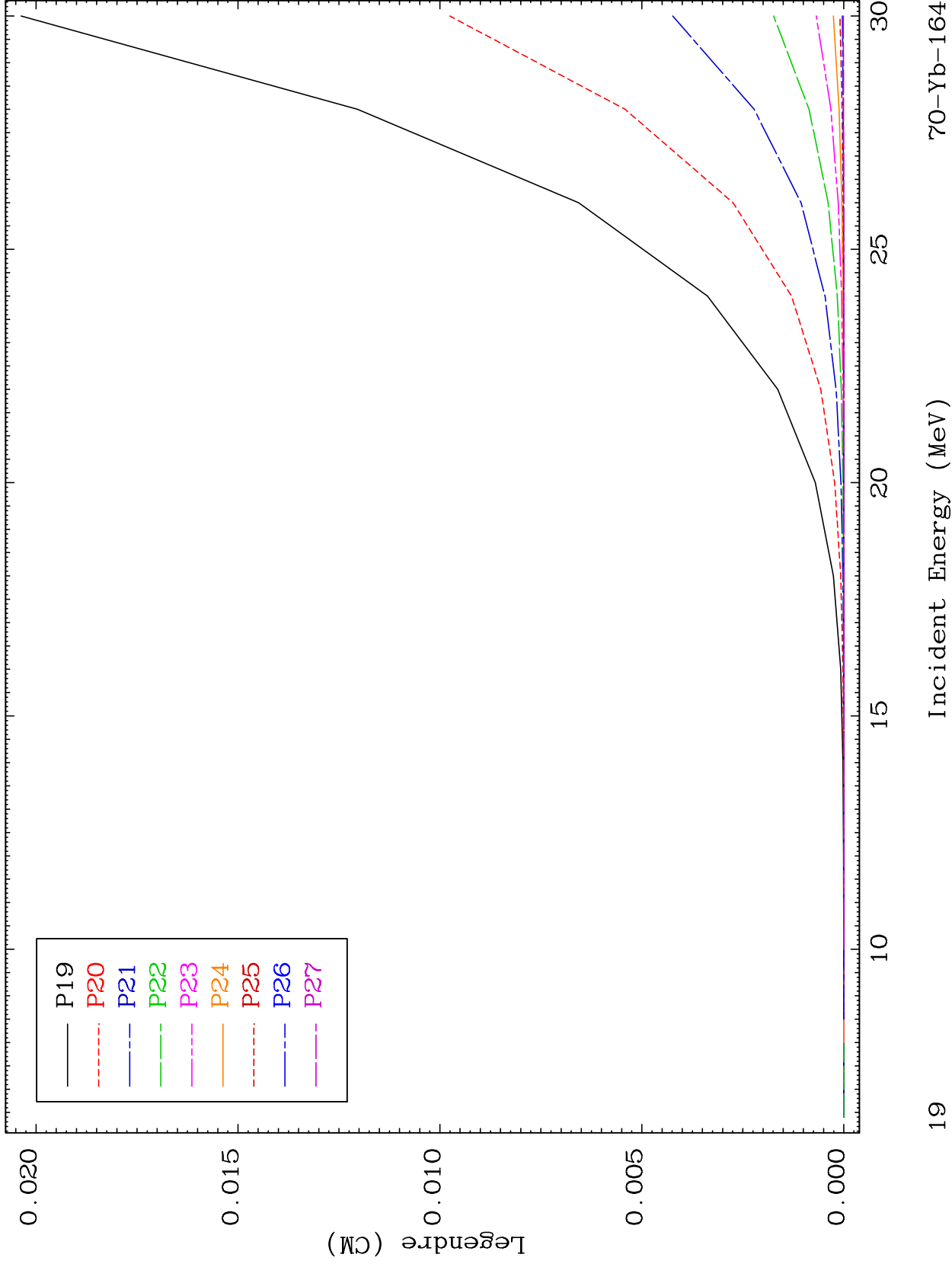
17



MAT 7013

Elastic
Legendre Coefficients

70-Yb-164



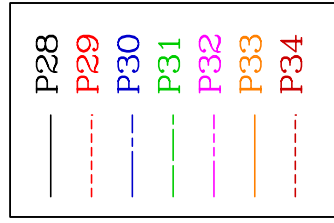
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- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

19

MAT 7013

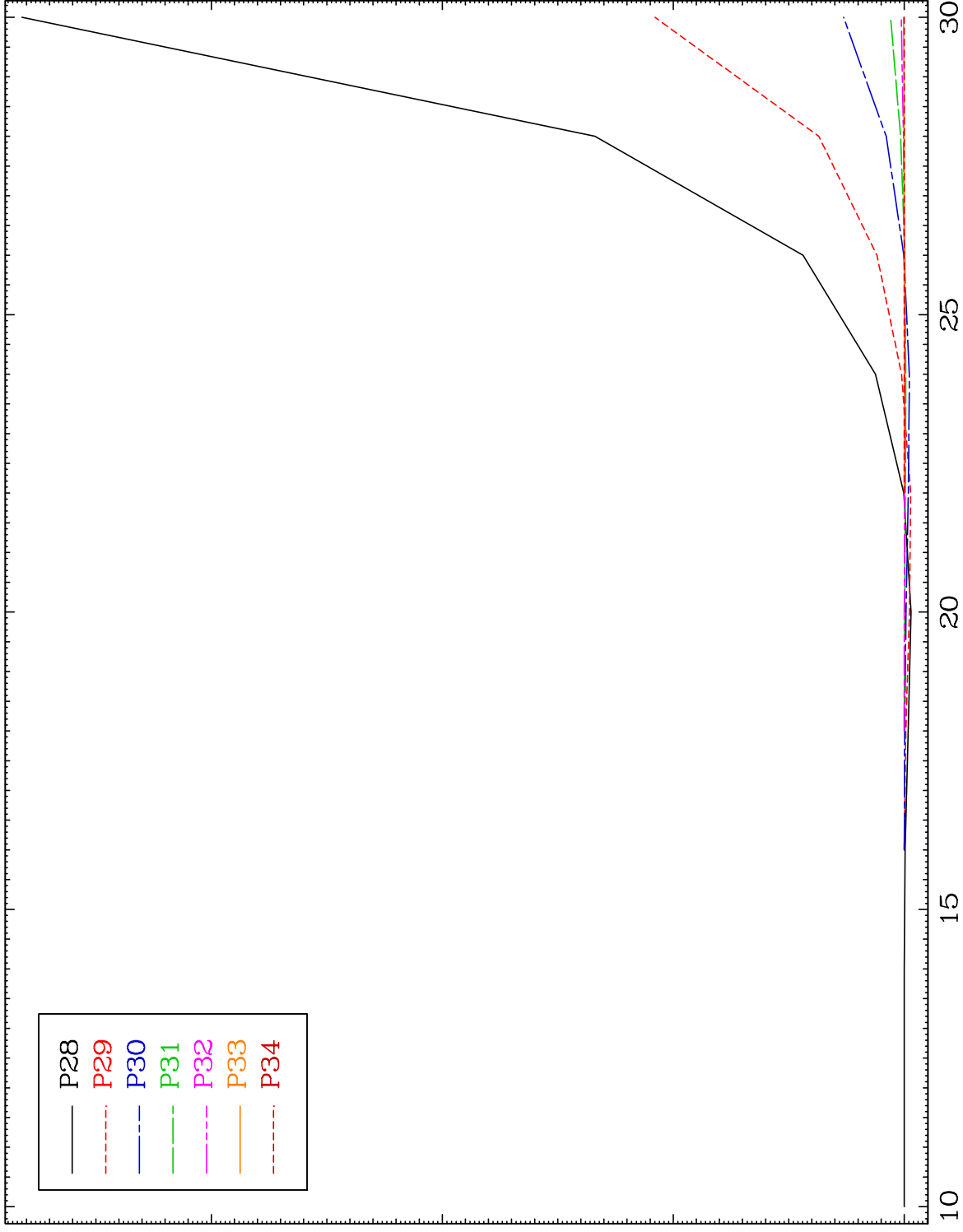
Elastic
Legendre Coefficients

70-Yb-164



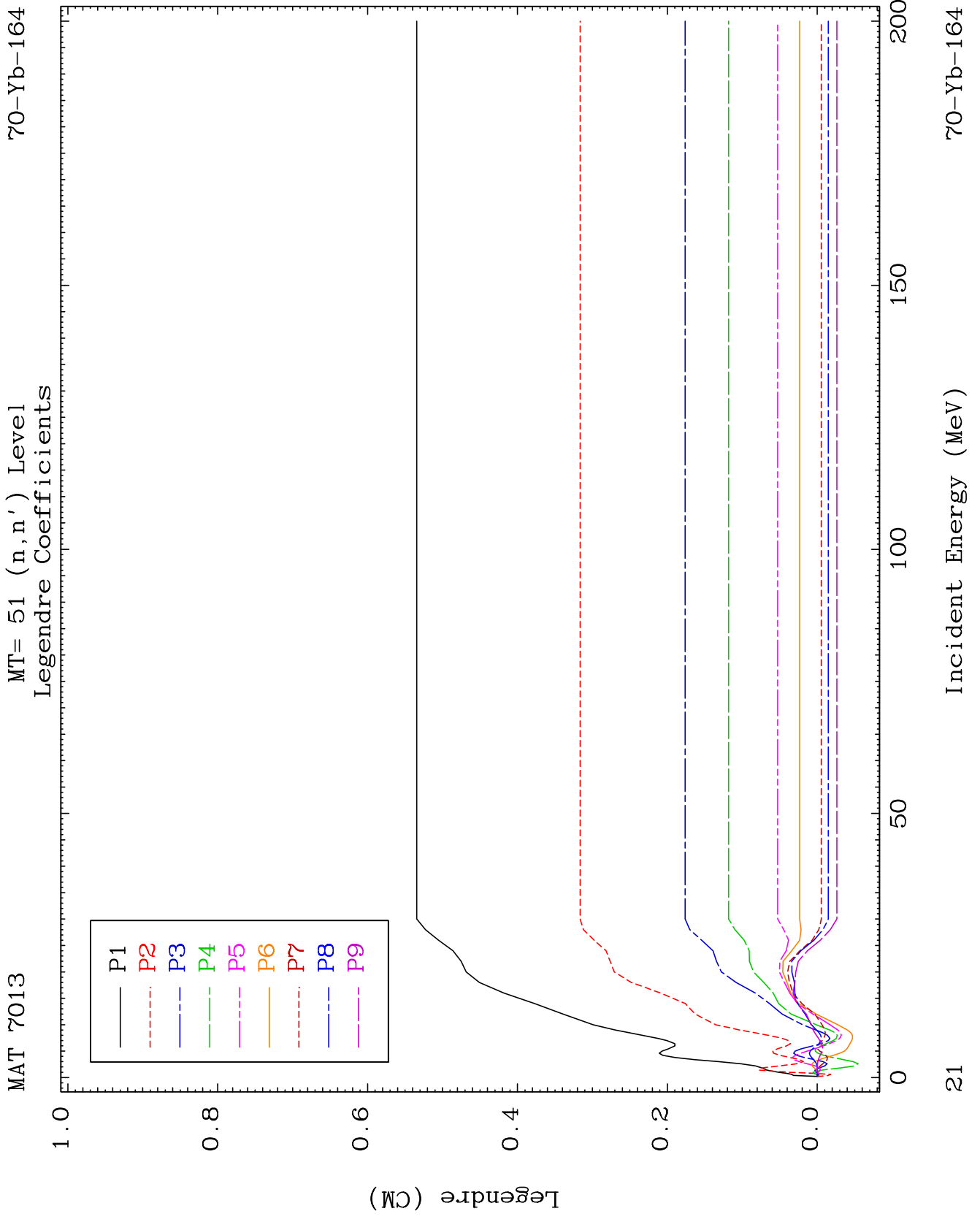
$\times 10^{-6}$

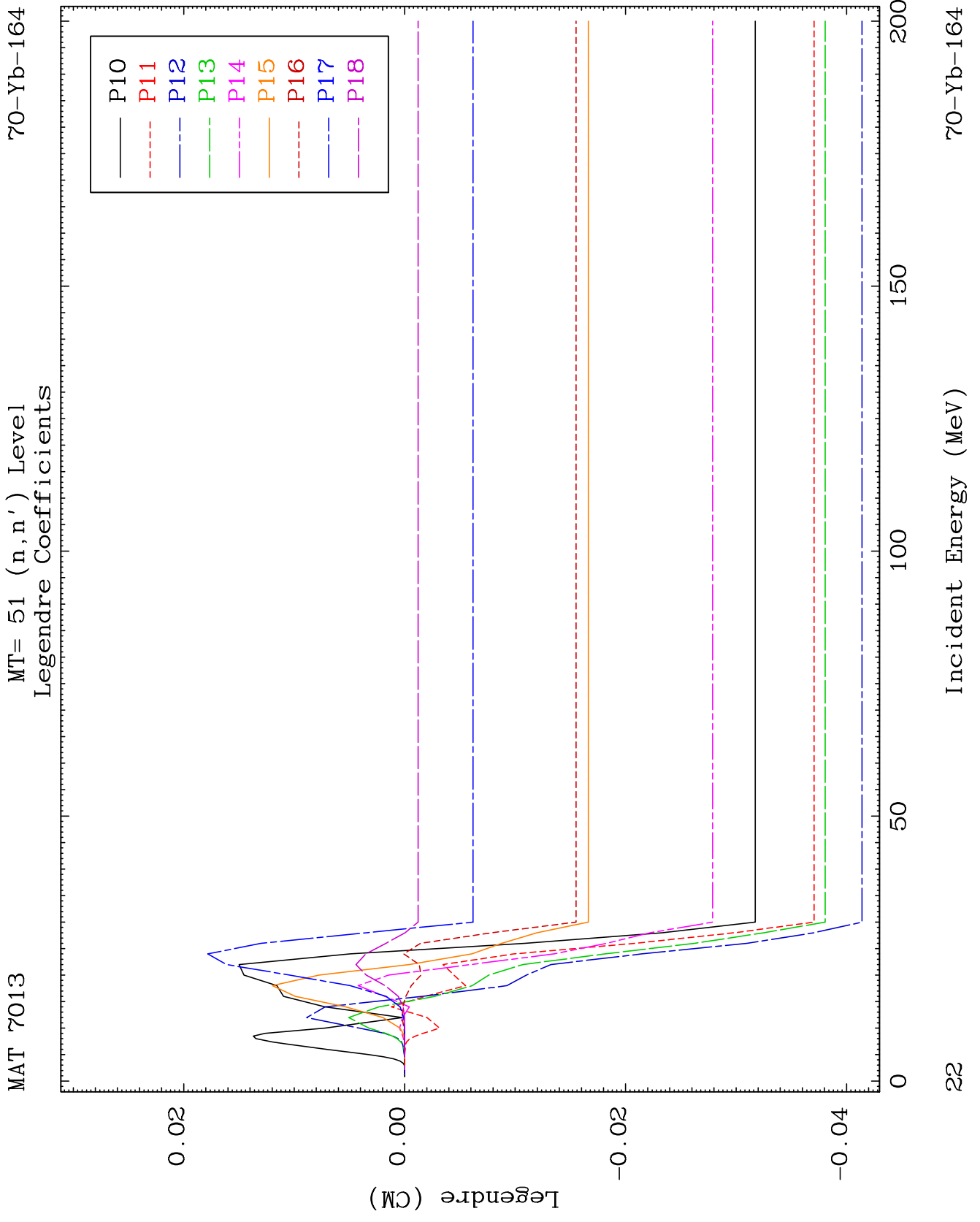
Legendre (CM)

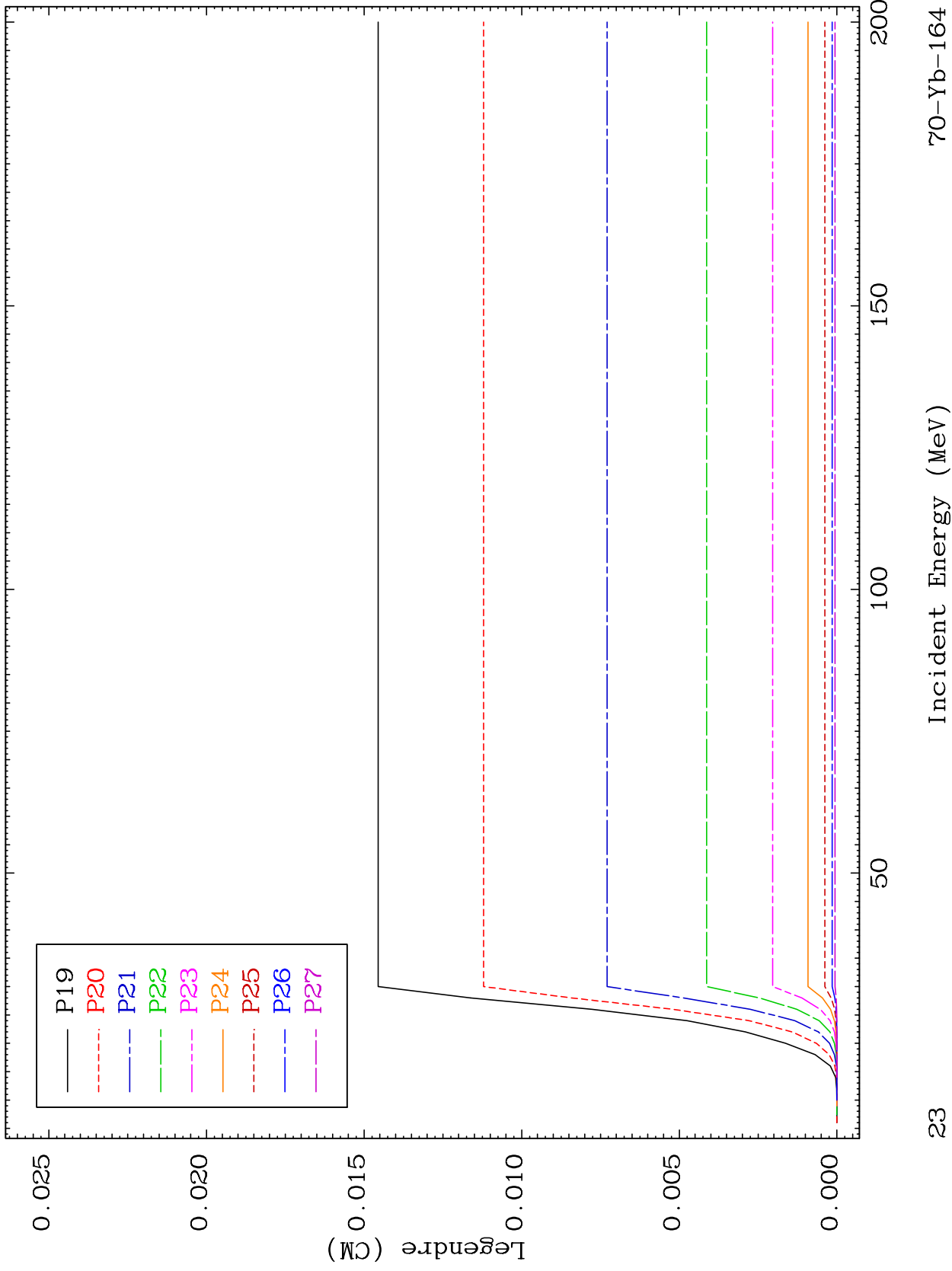


Incident Energy (MeV)

70-Yb-164



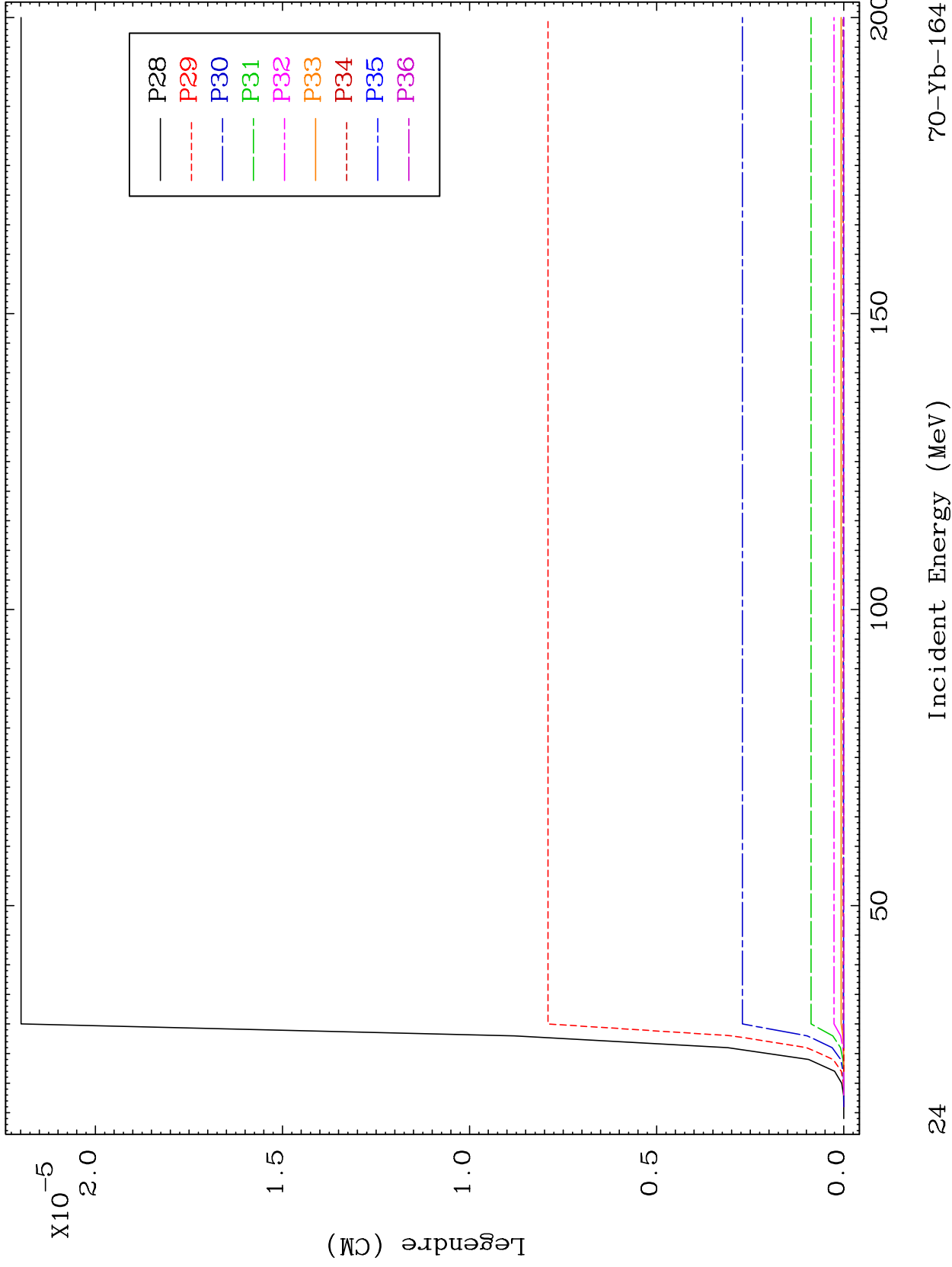


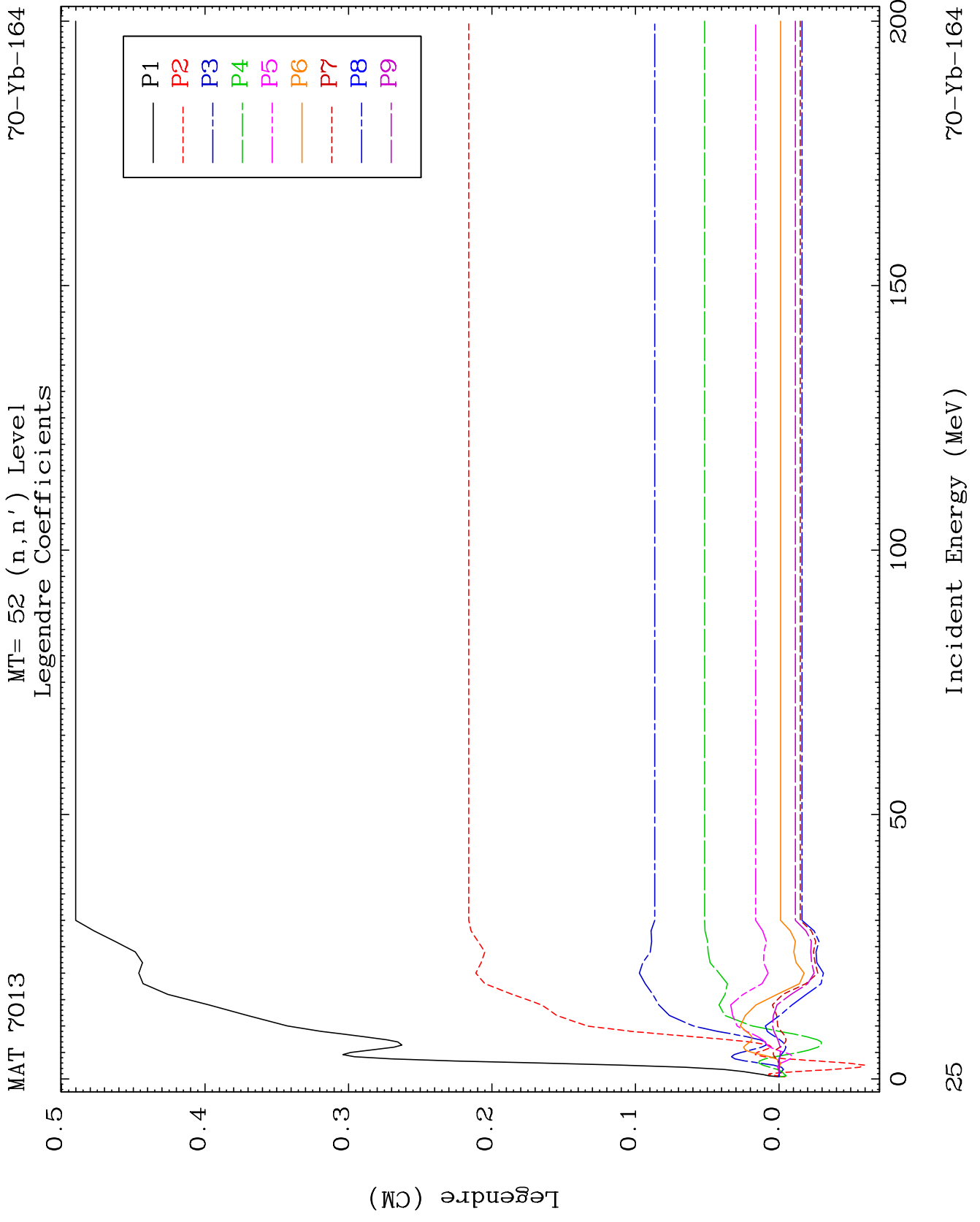


MAT 7013

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

70-Yb-164

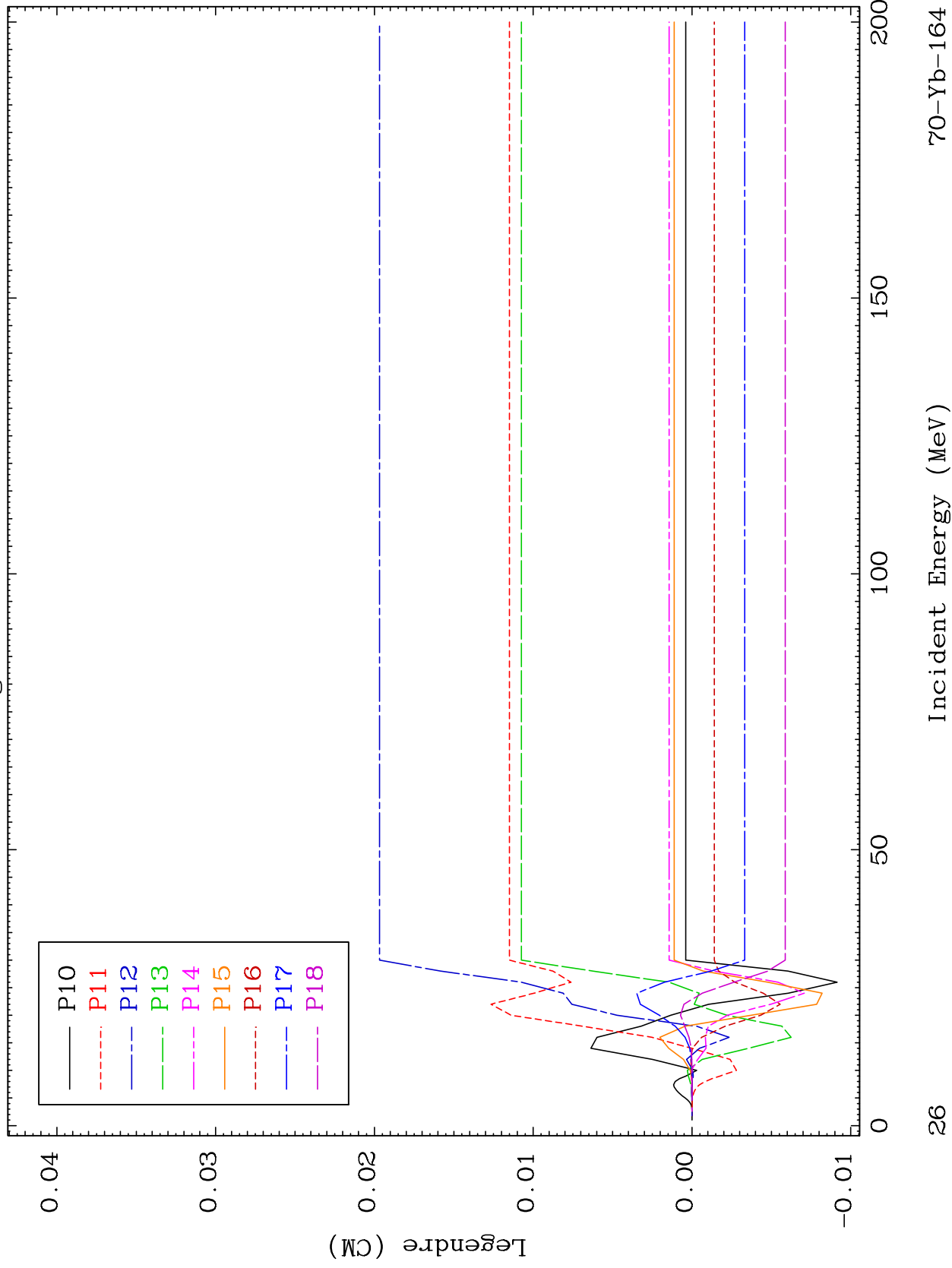




MAT 7013

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

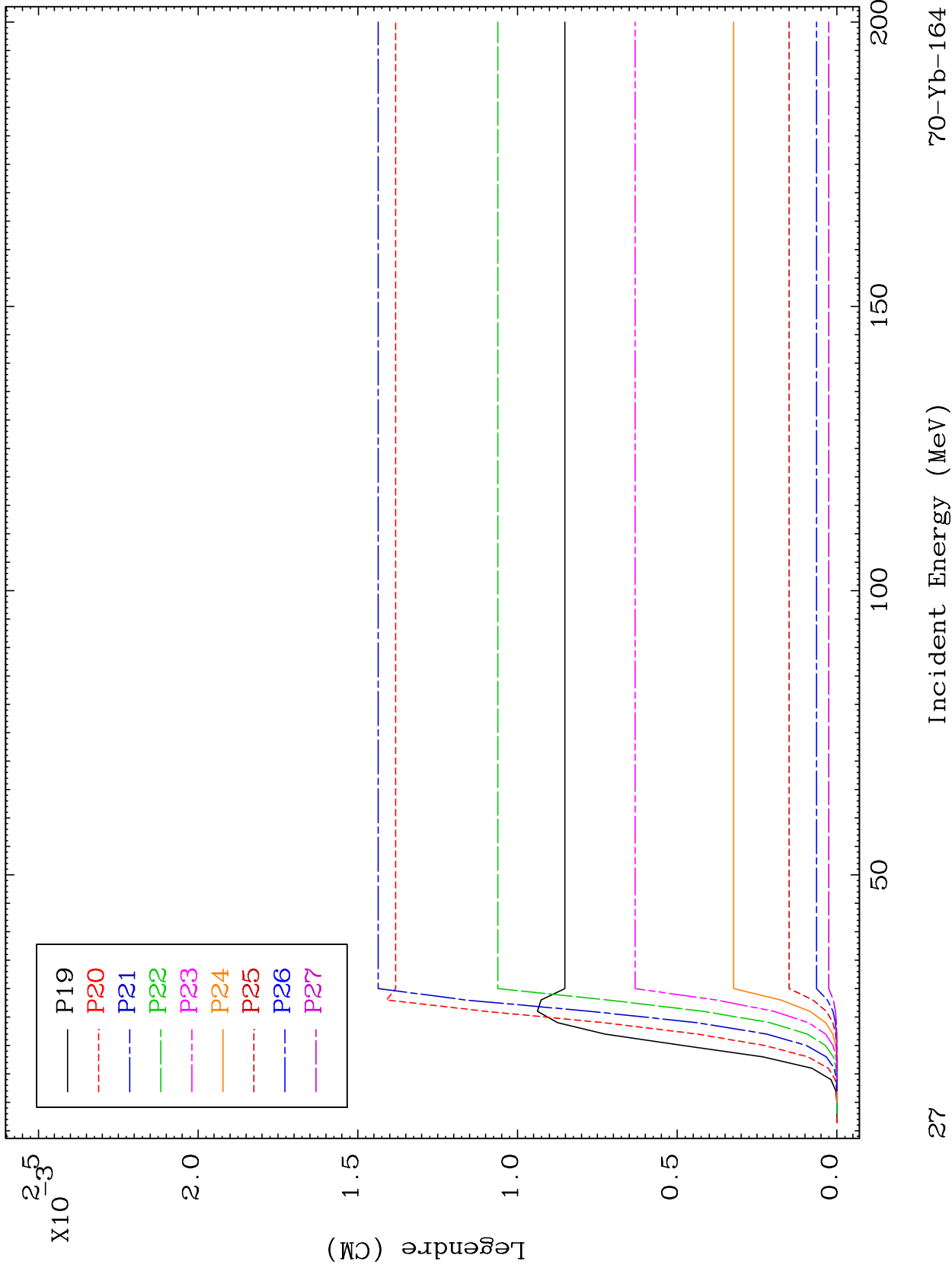
70-Yb-164



26

Incident Energy (MeV)

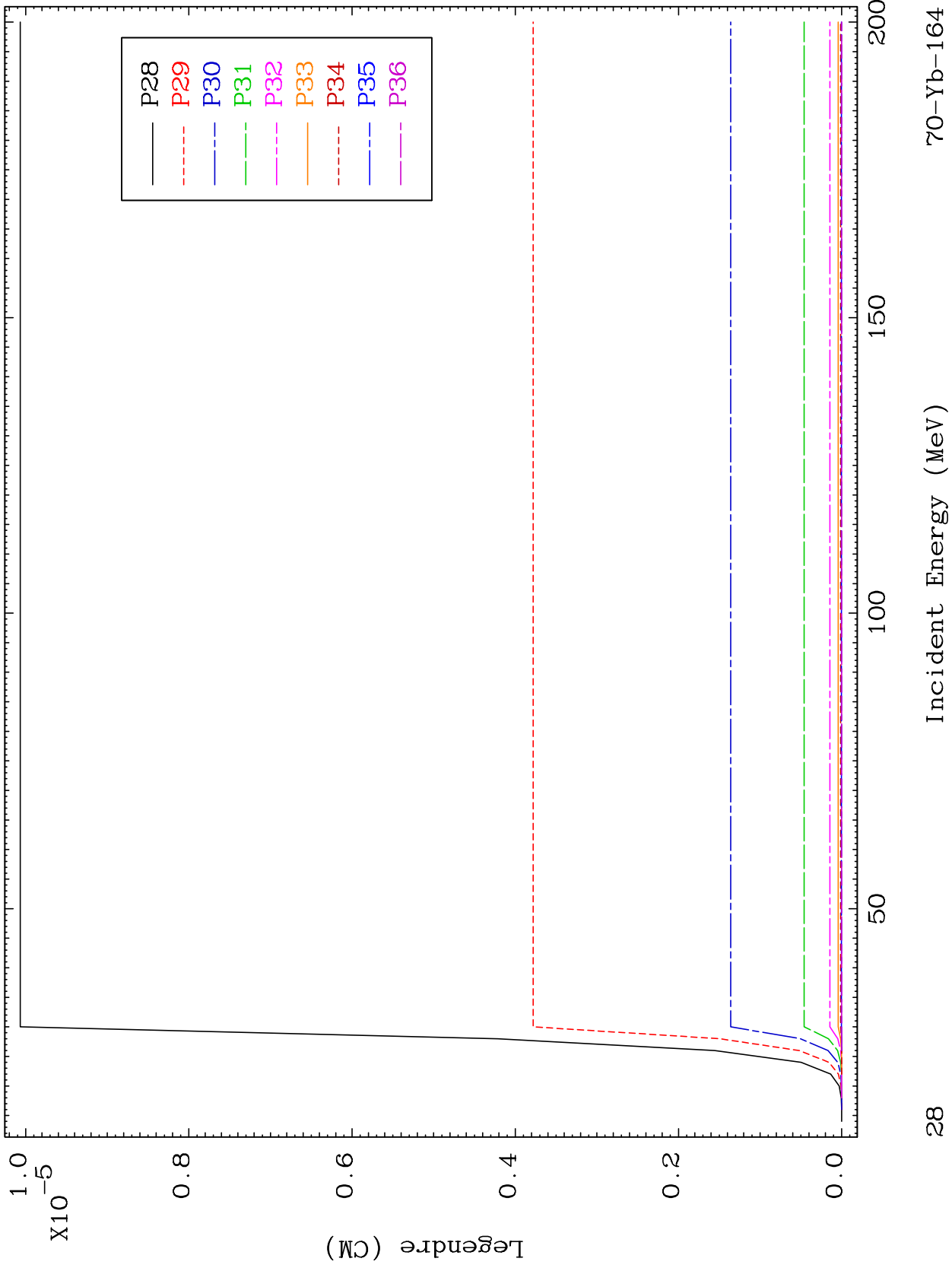
70-Yb-164



MAT 7013

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

70-Yb-164



28

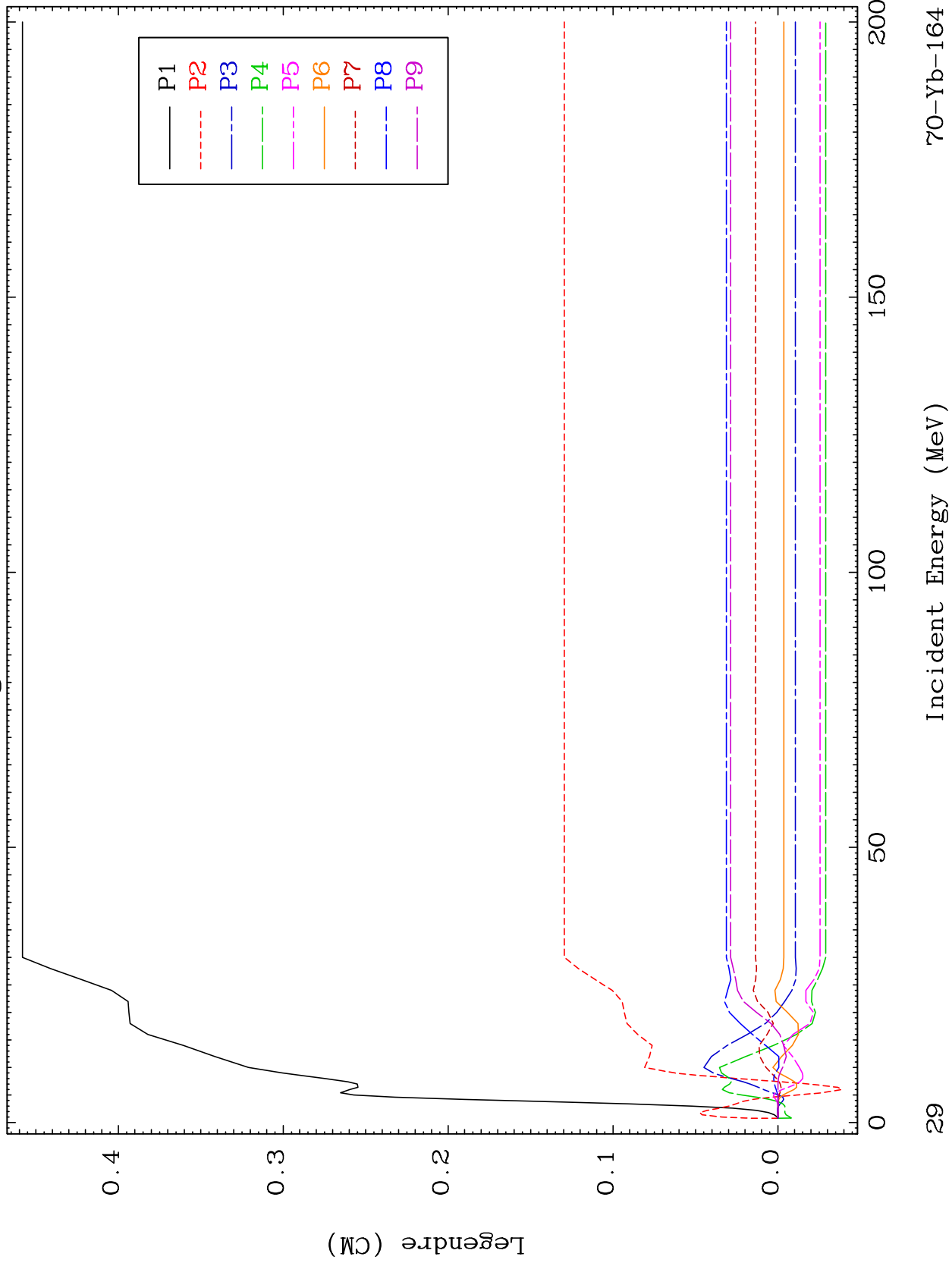
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

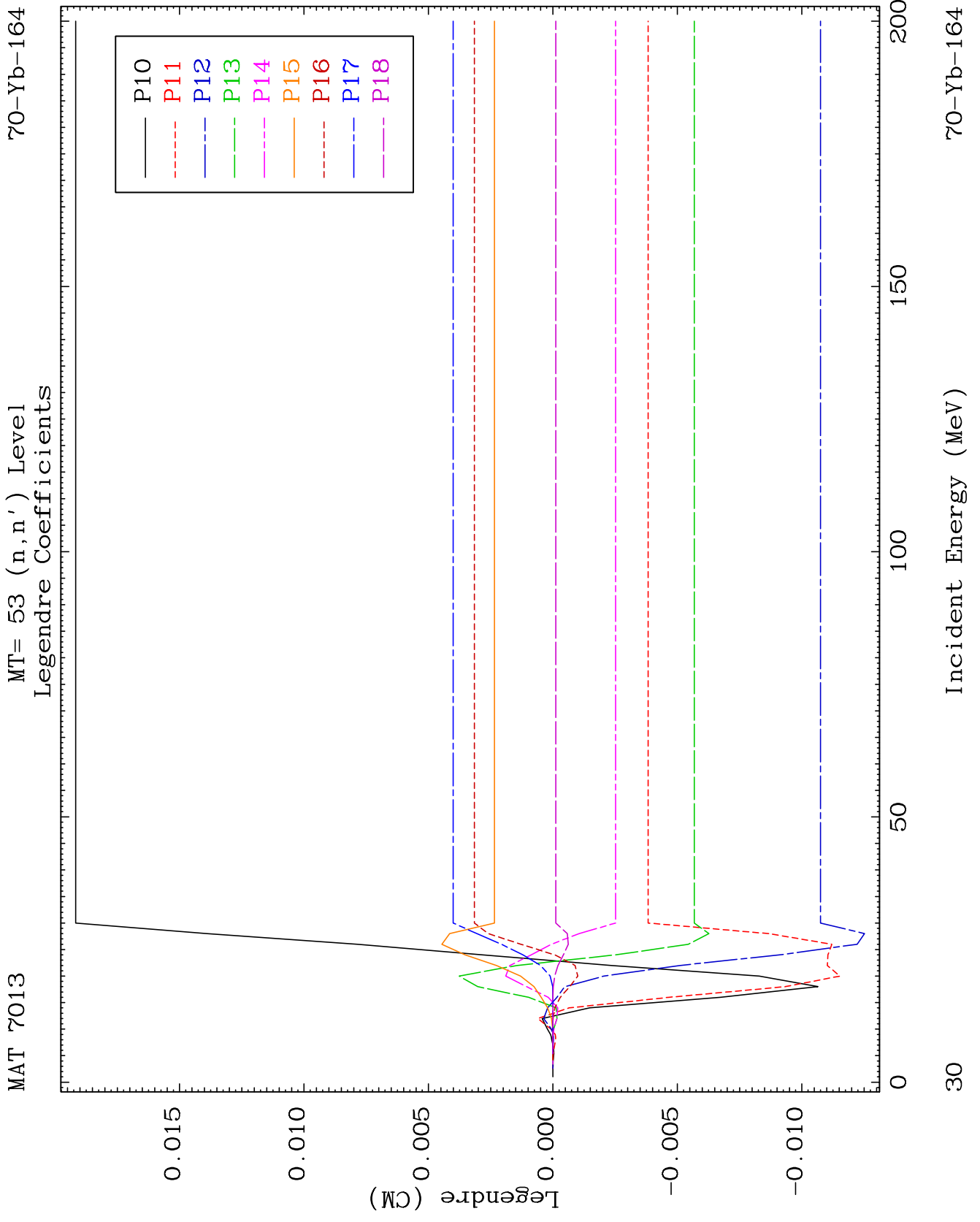
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29

Incident Energy (MeV)

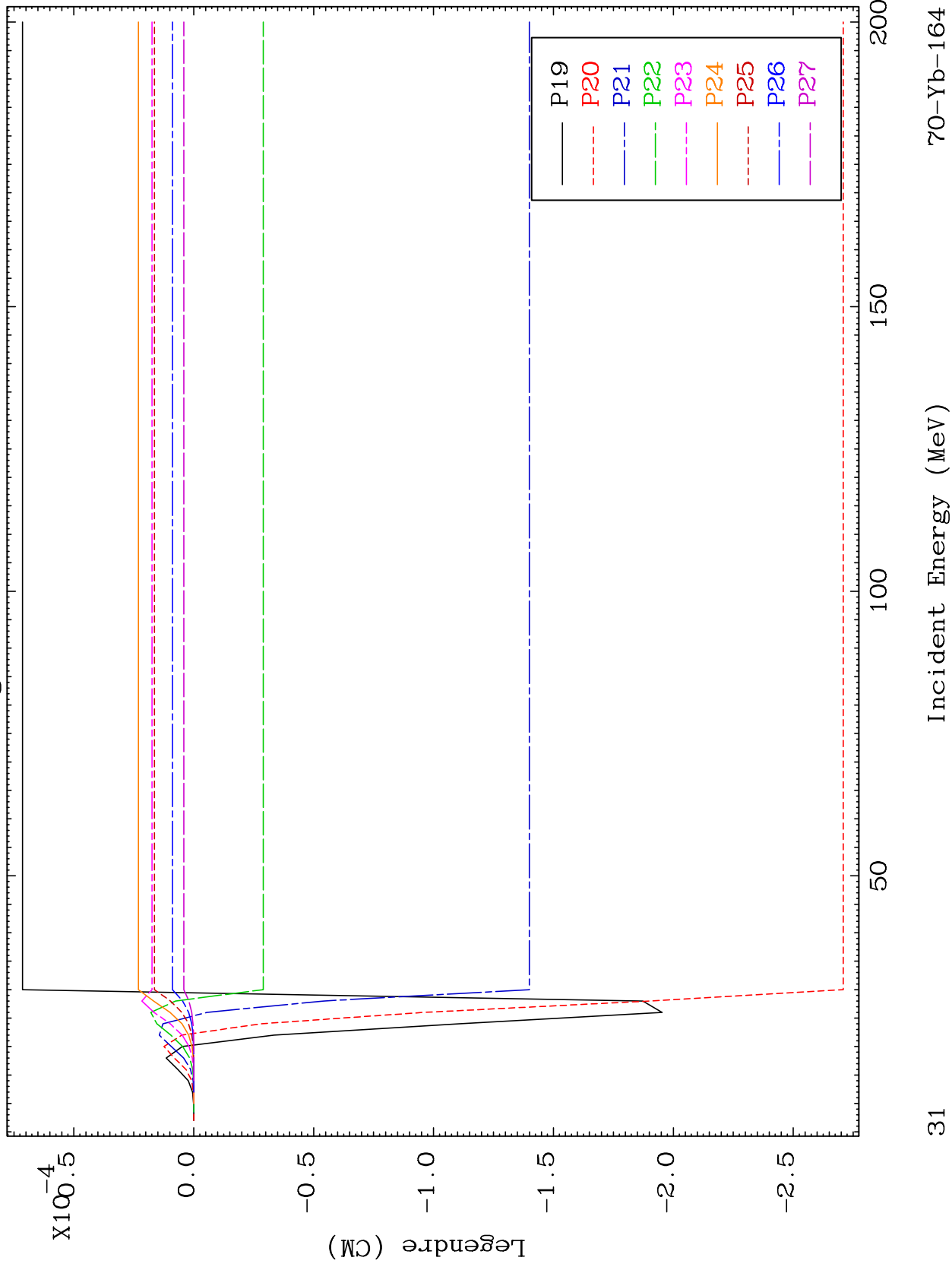
70-Yb-164



MAT 7013

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

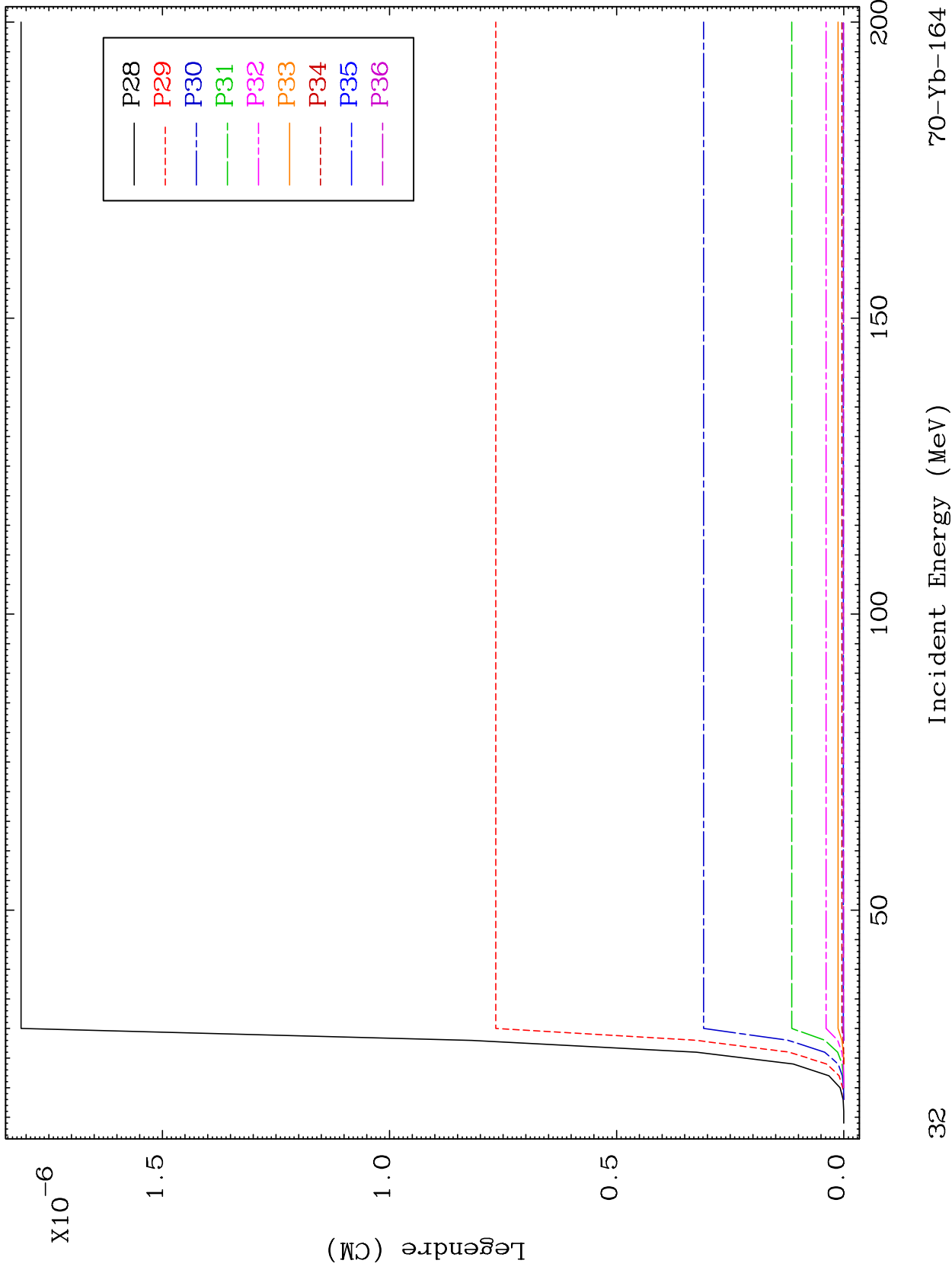
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MAT 7013

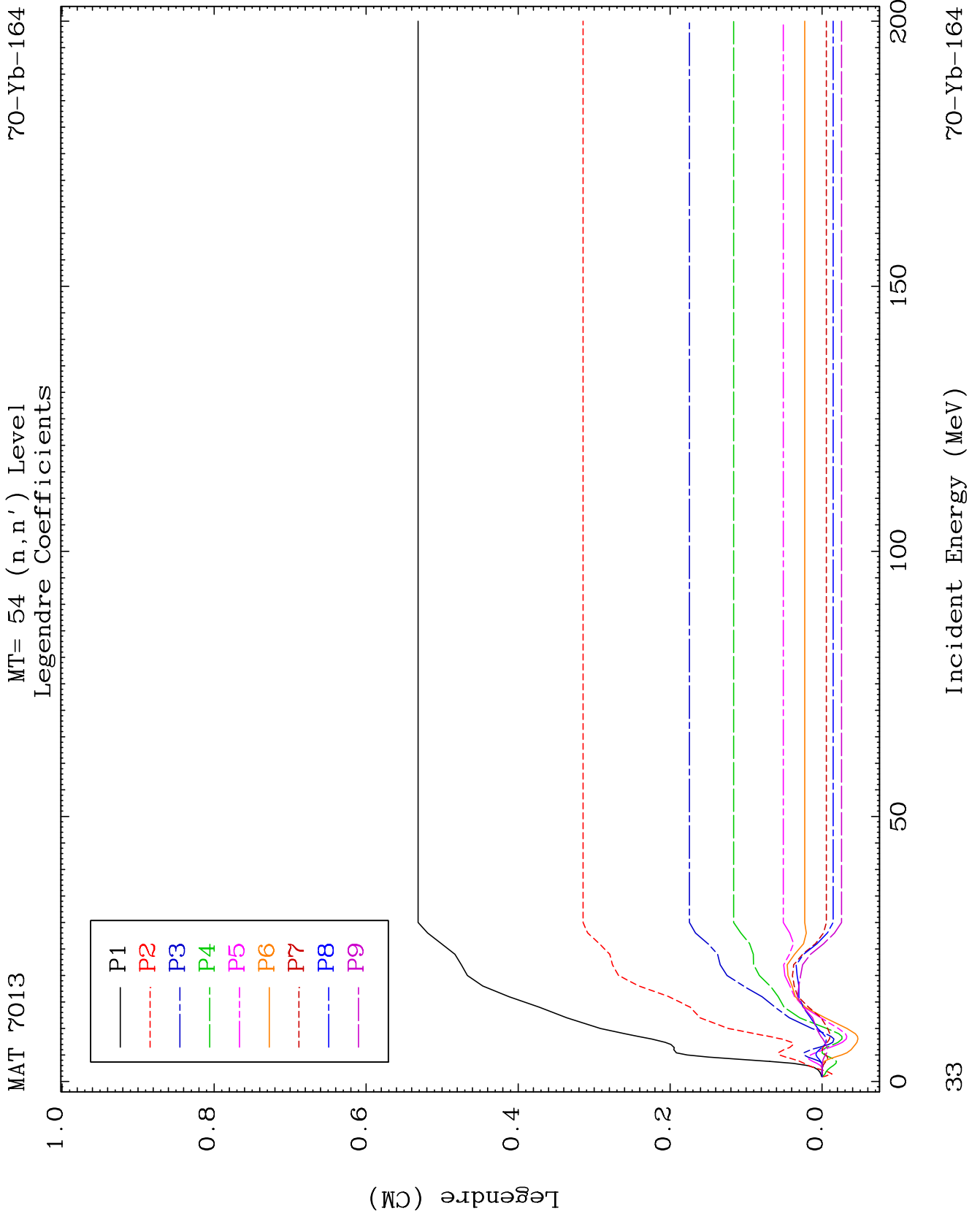
MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-164



32

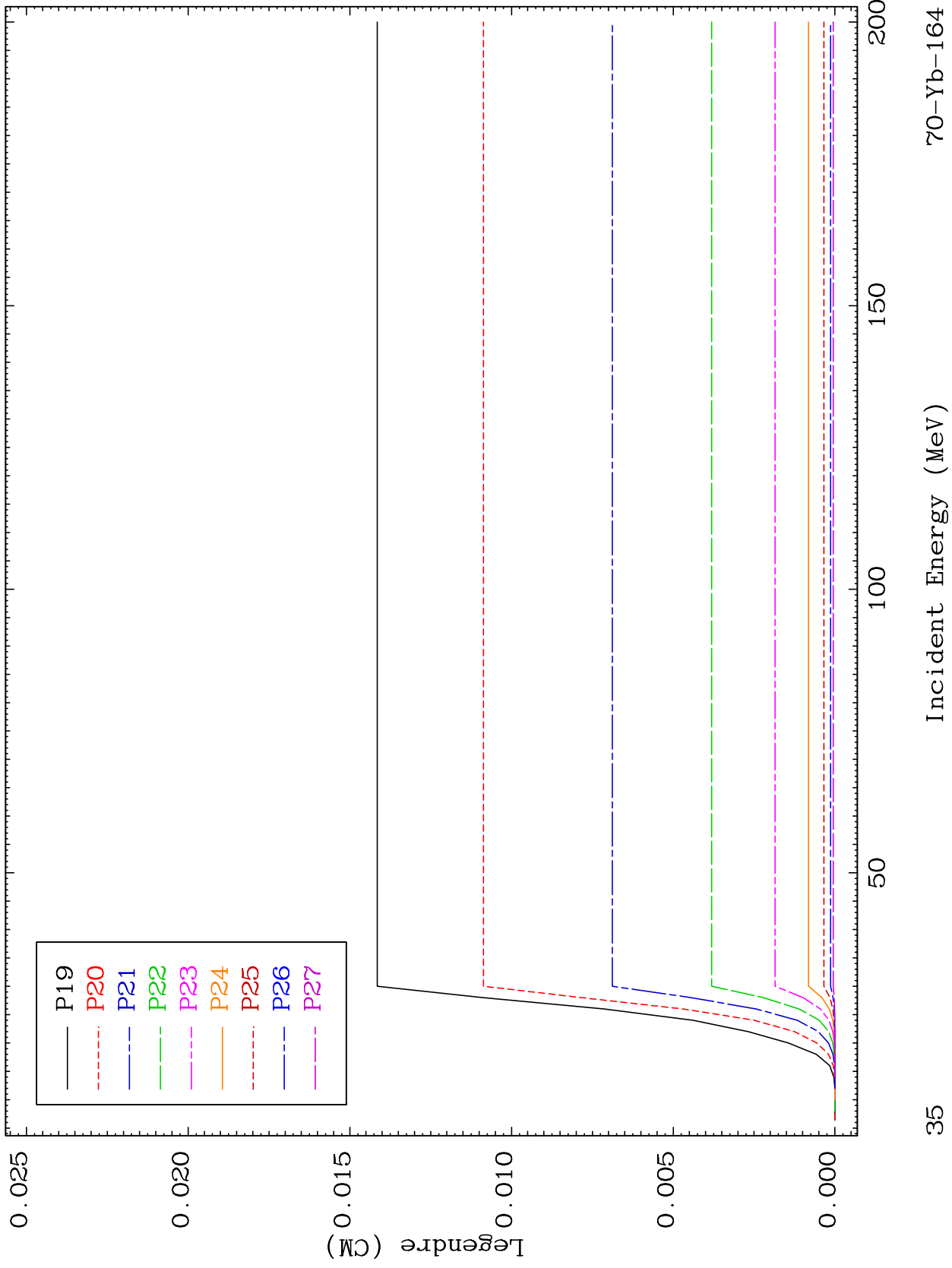
70-Yb-164



MAT 7013

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

70-Yb-164



35

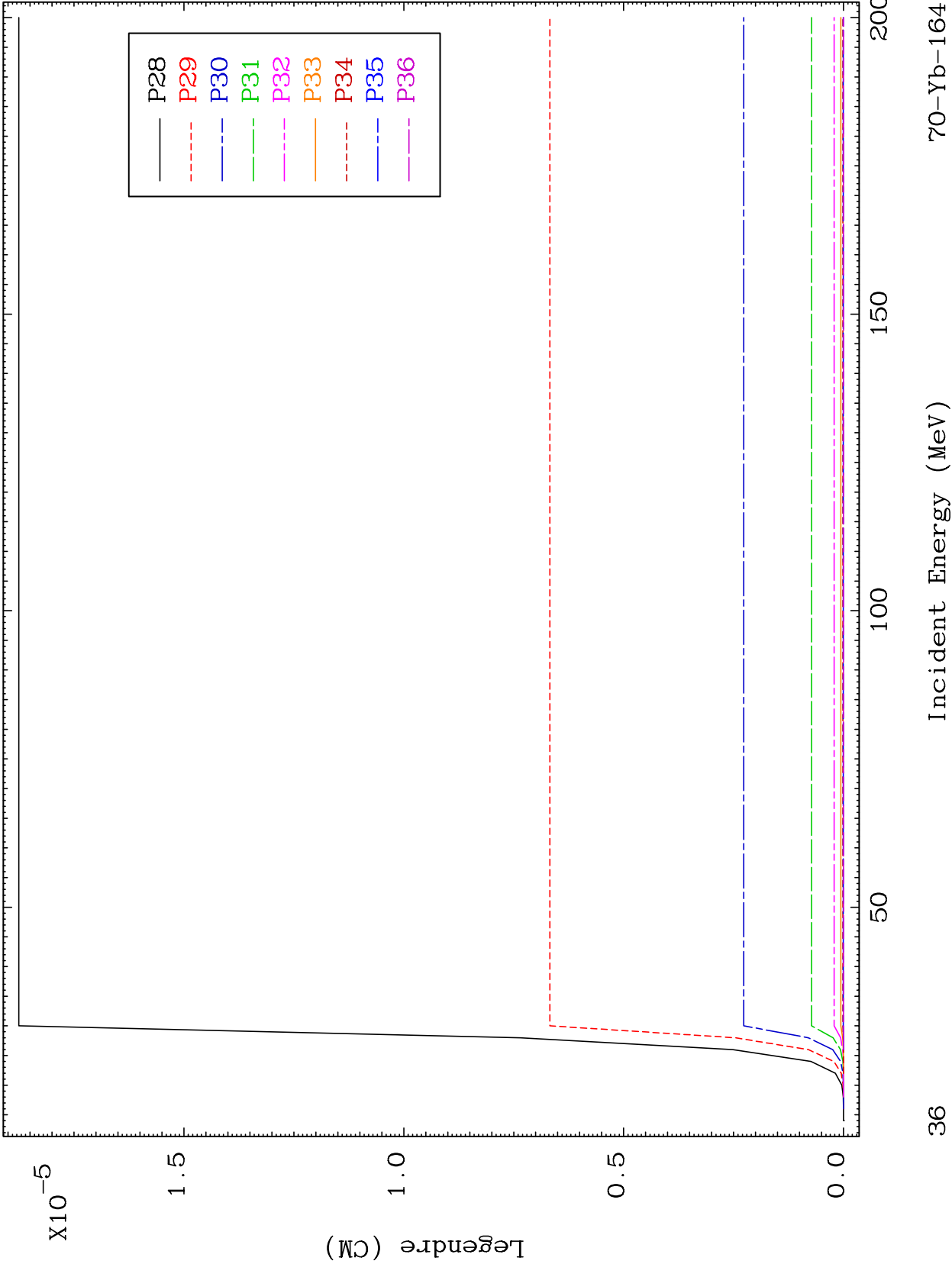
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

70-Yb-164



36

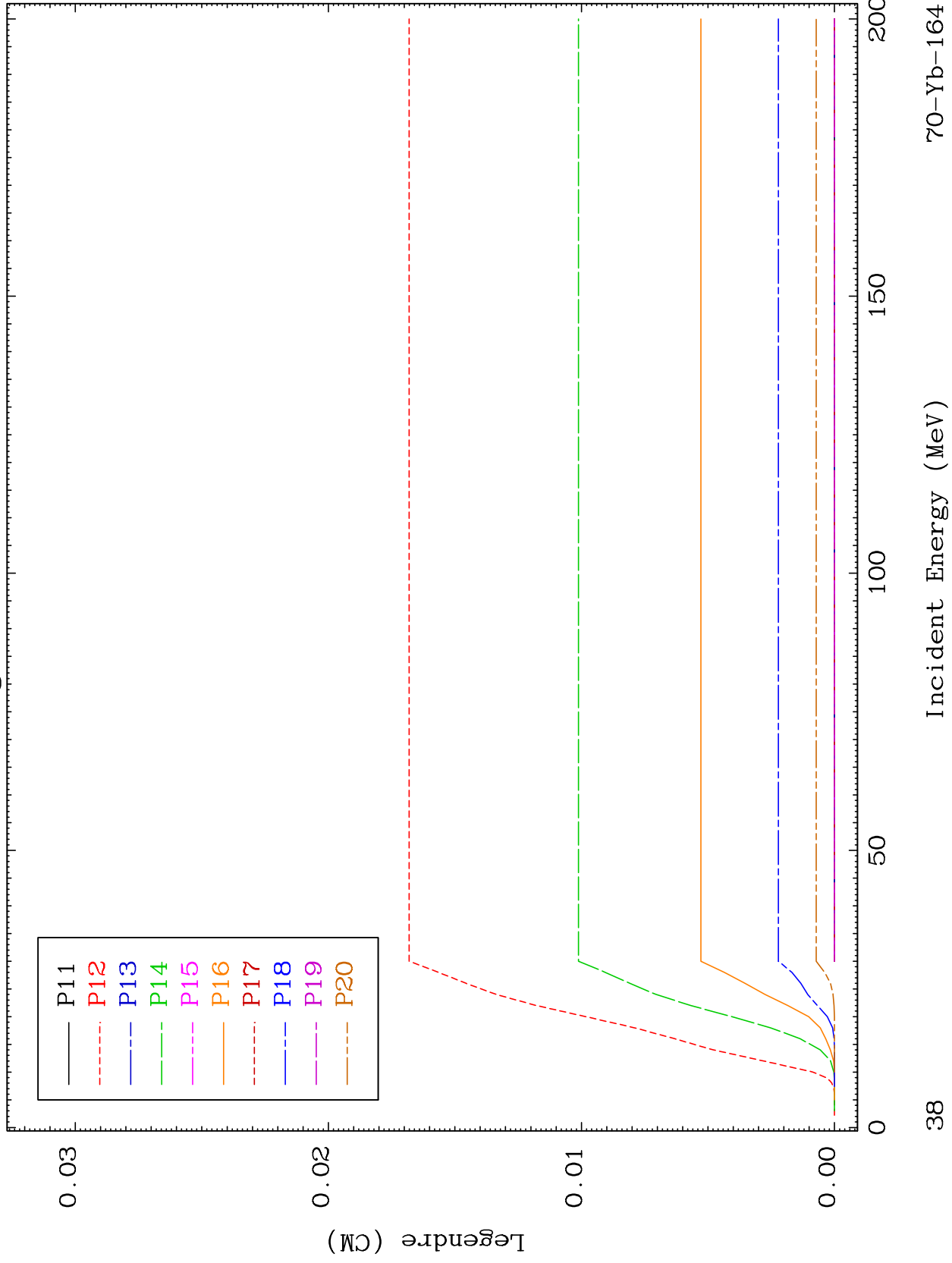
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

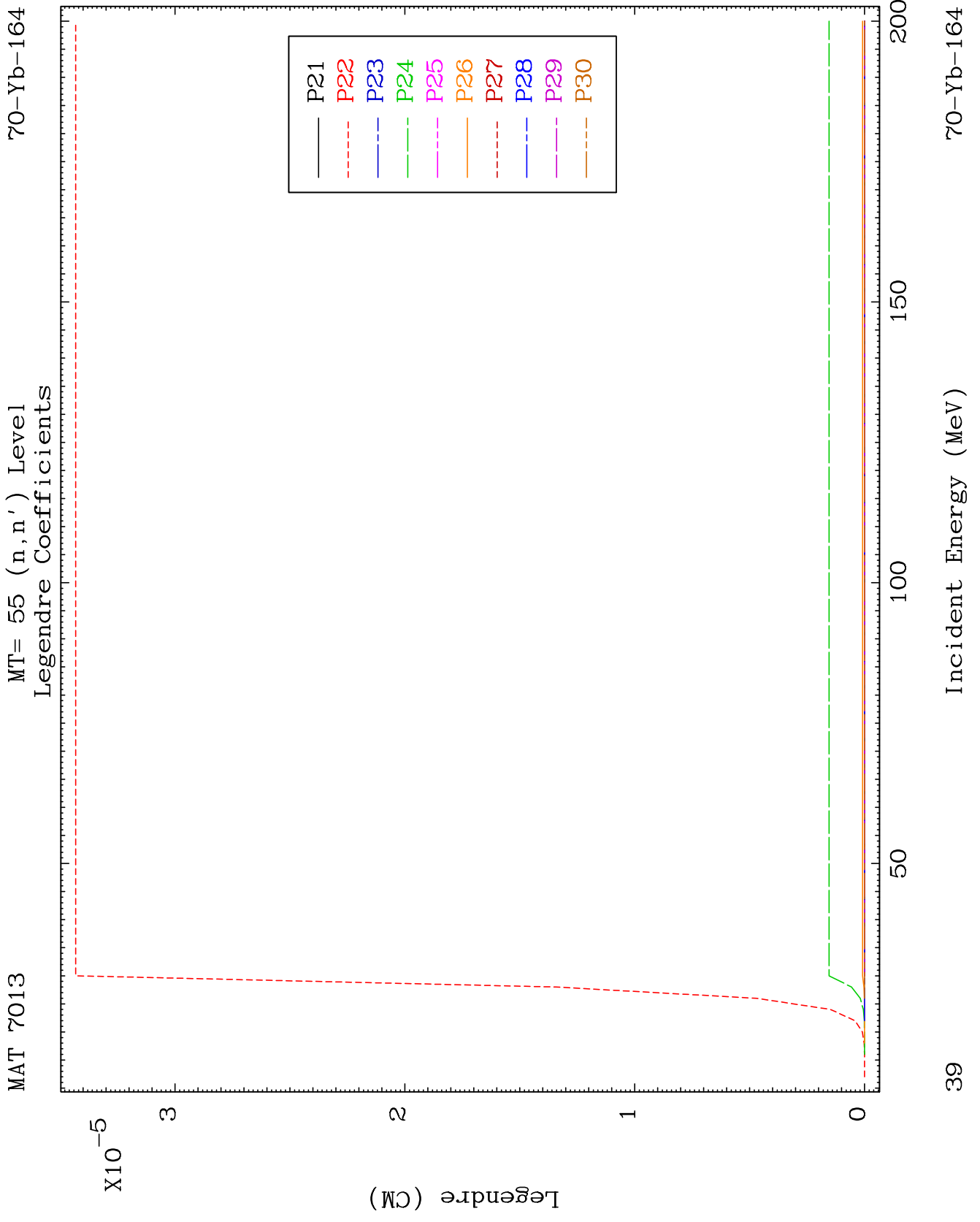
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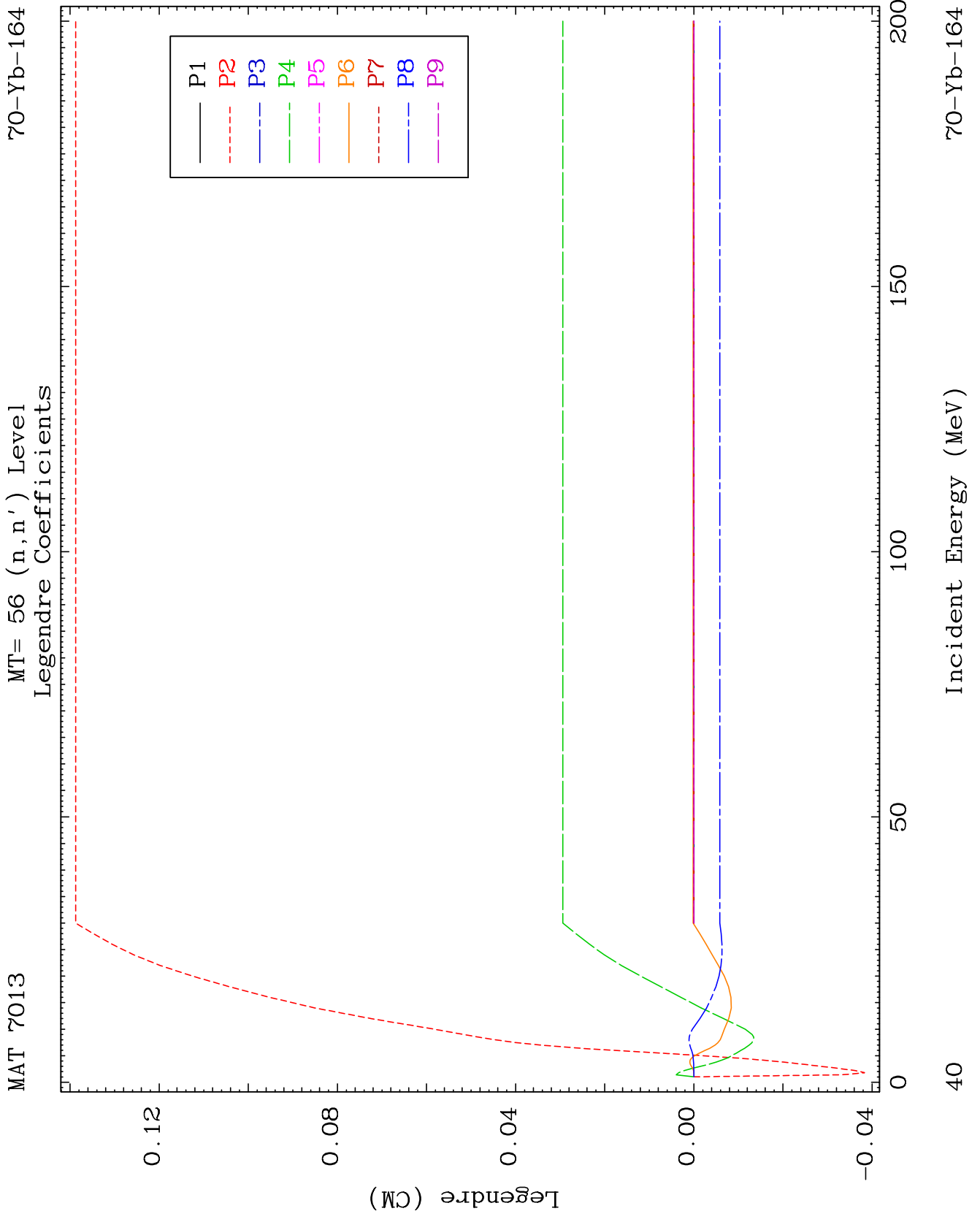


38

Incident Energy (MeV)

70-Yb-164

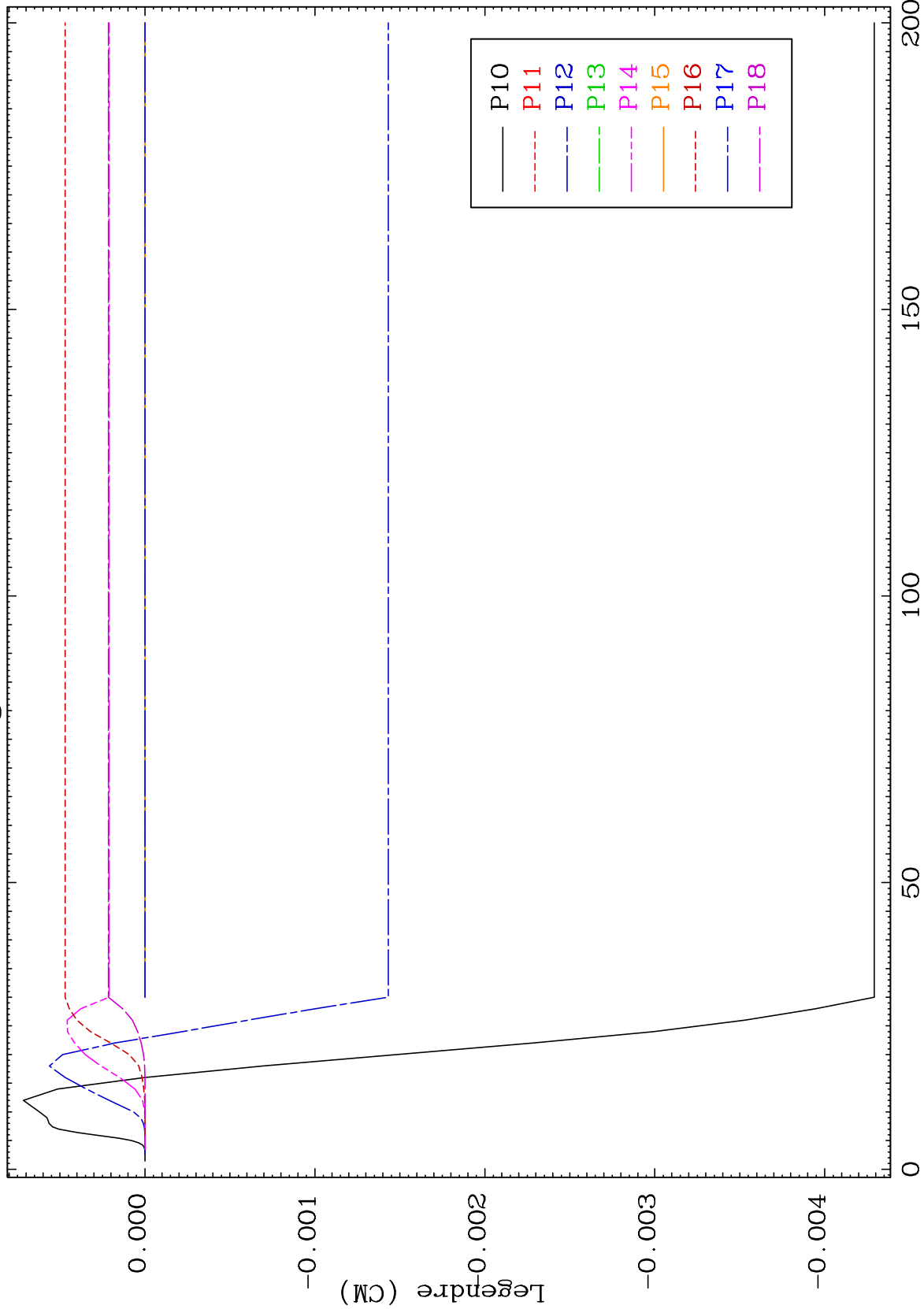


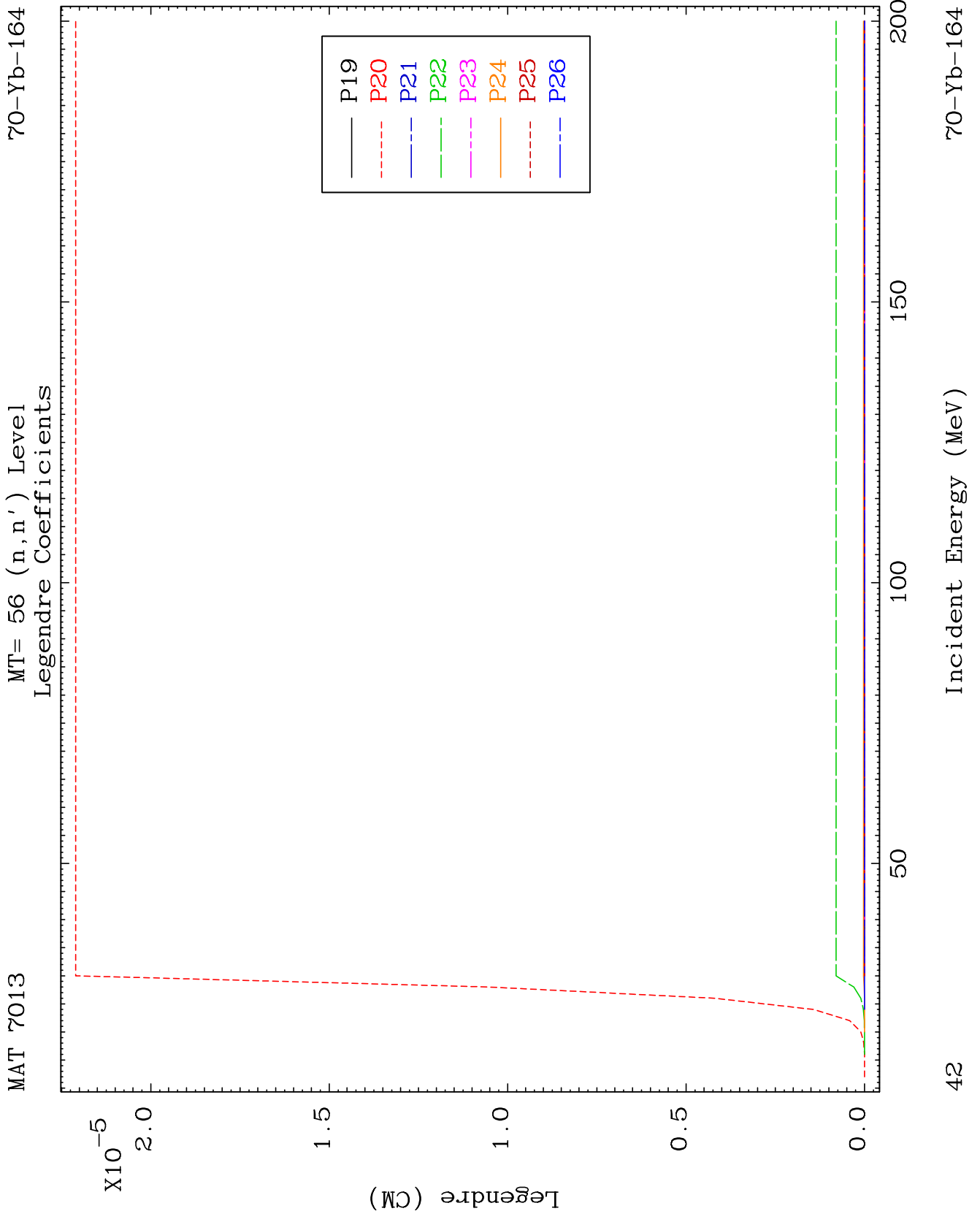


MAT 7013

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

70-Yb-164

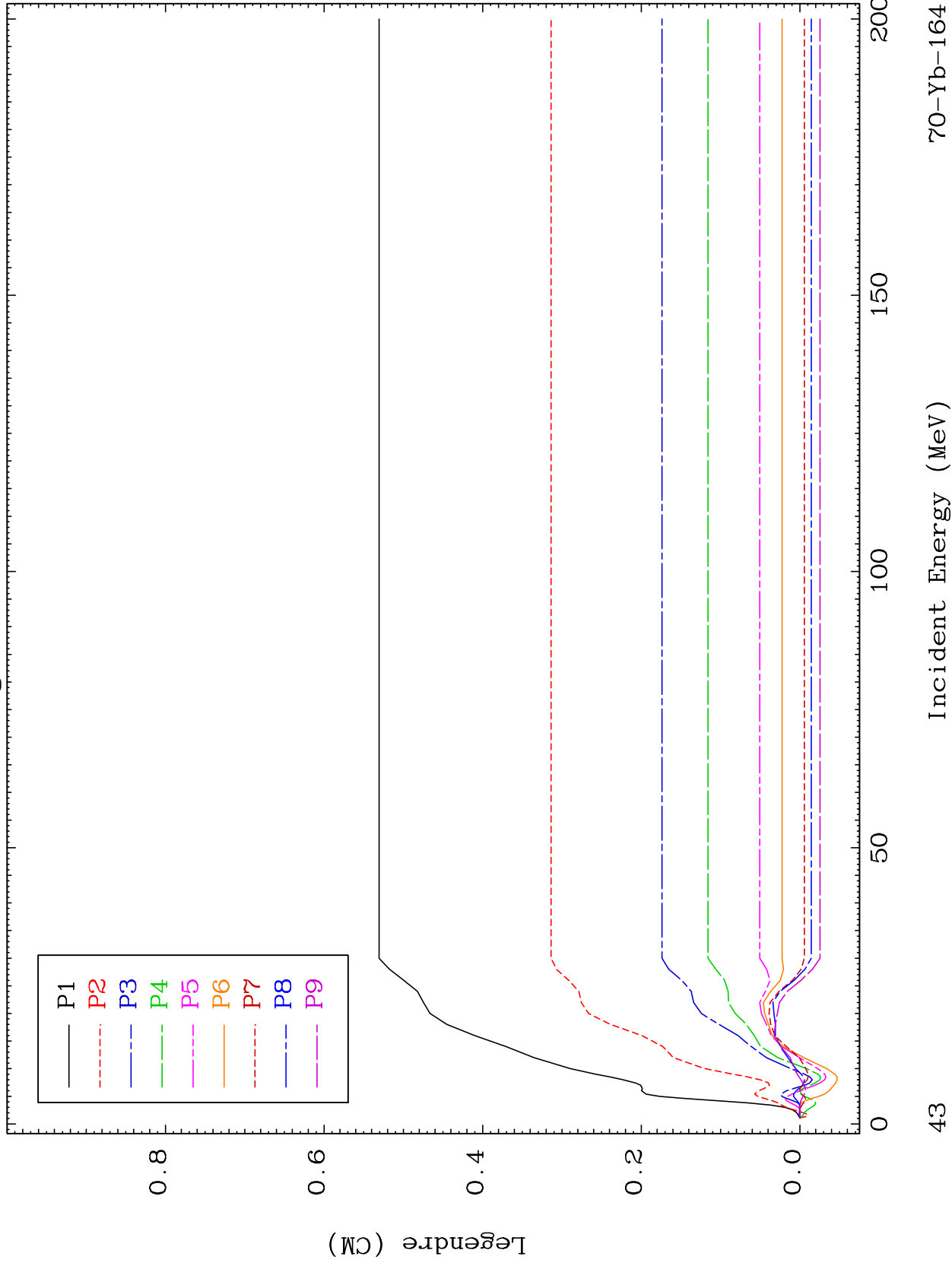




MAT 7013

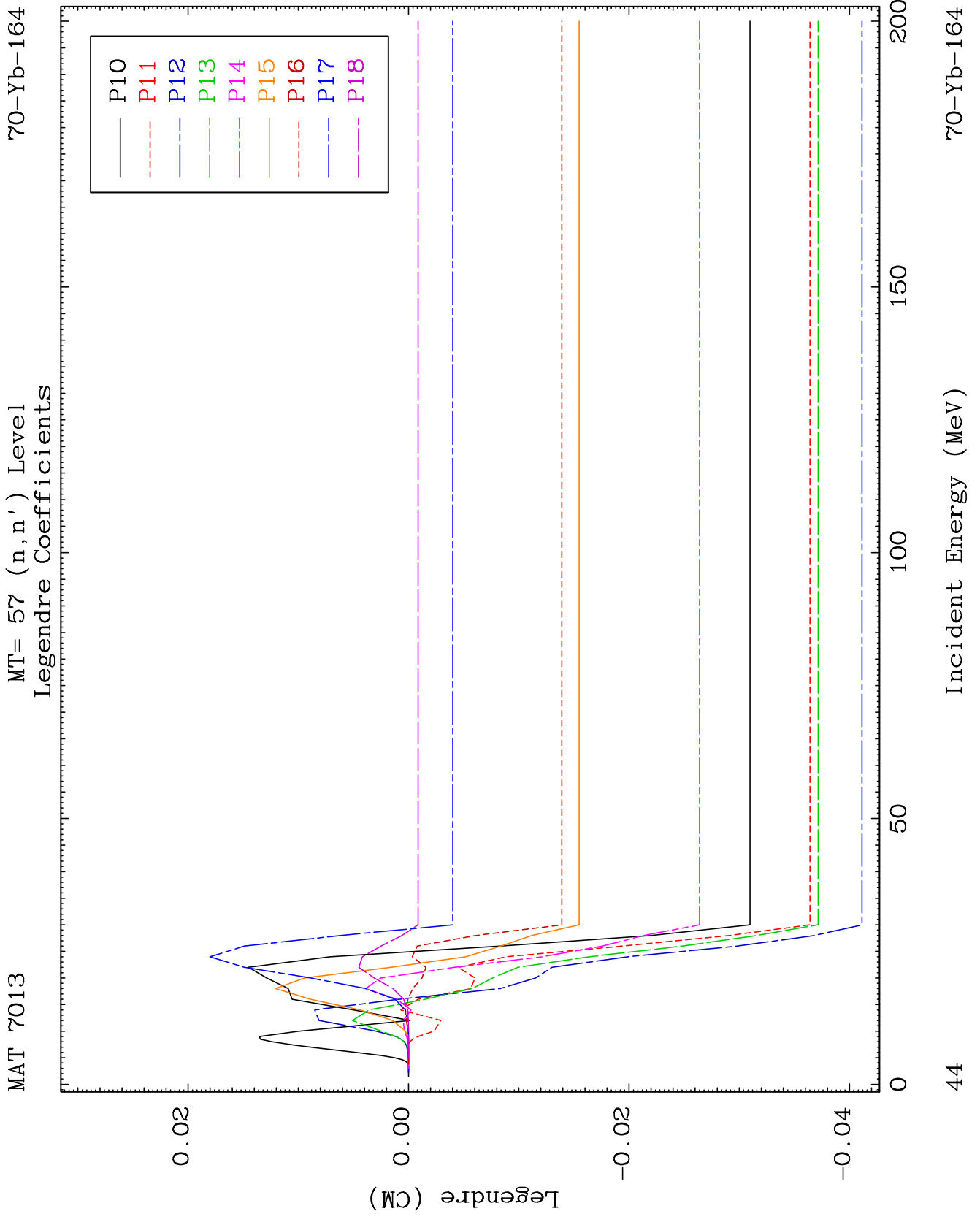
MT= 57 (n,n') Level
Legendre Coefficients

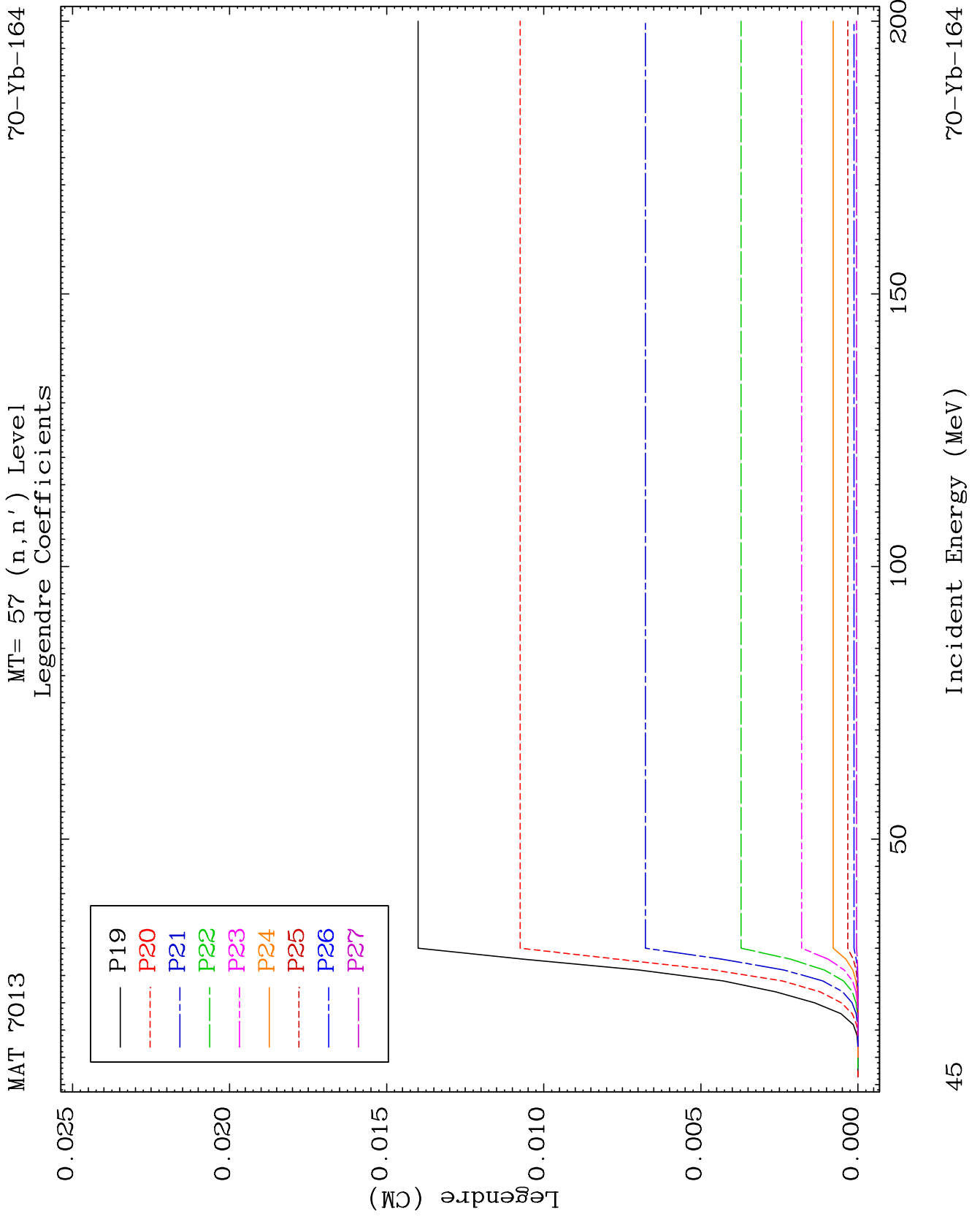
70-Yb-164



43

70-Yb-164

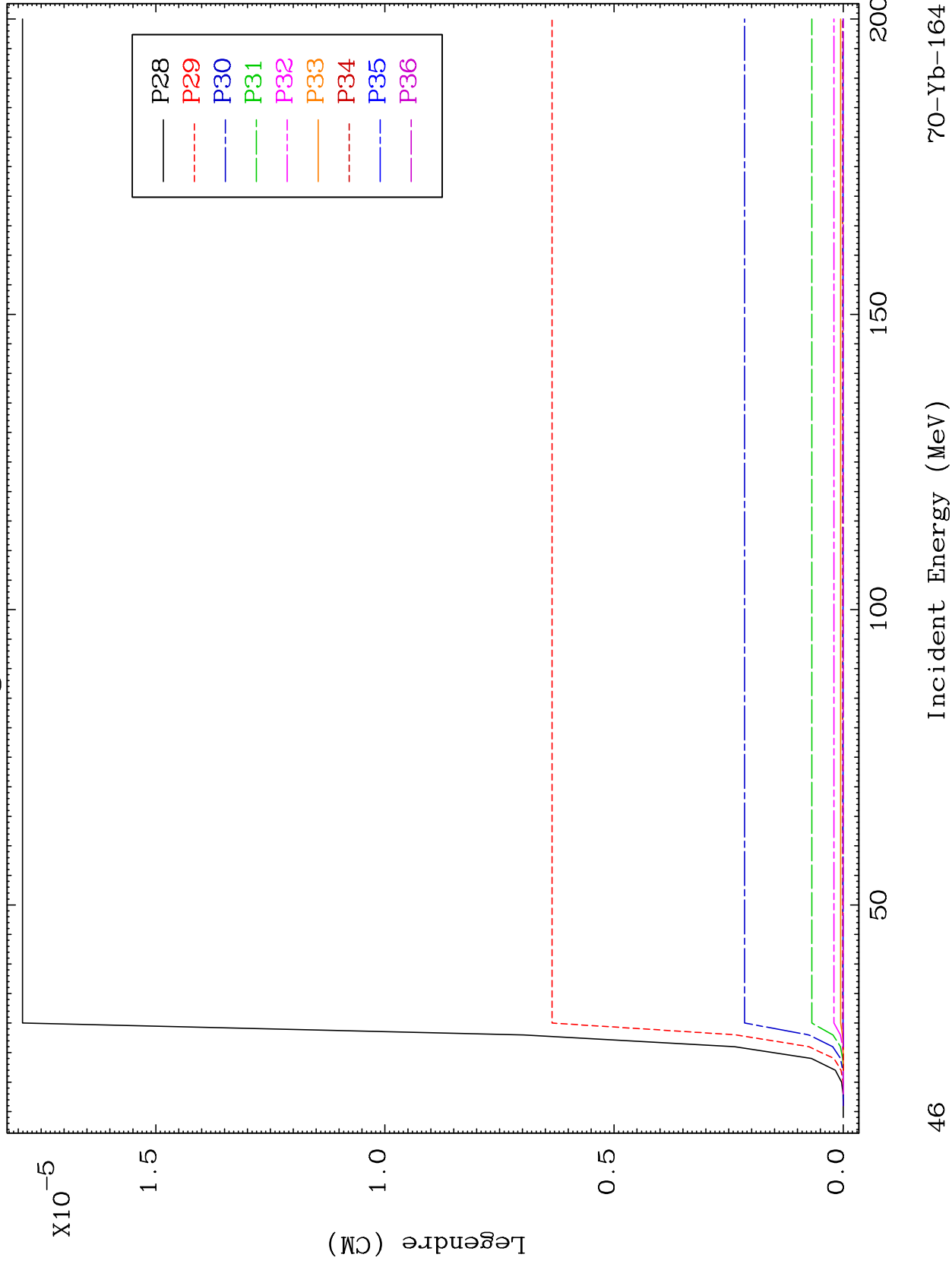




MAT 7013

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

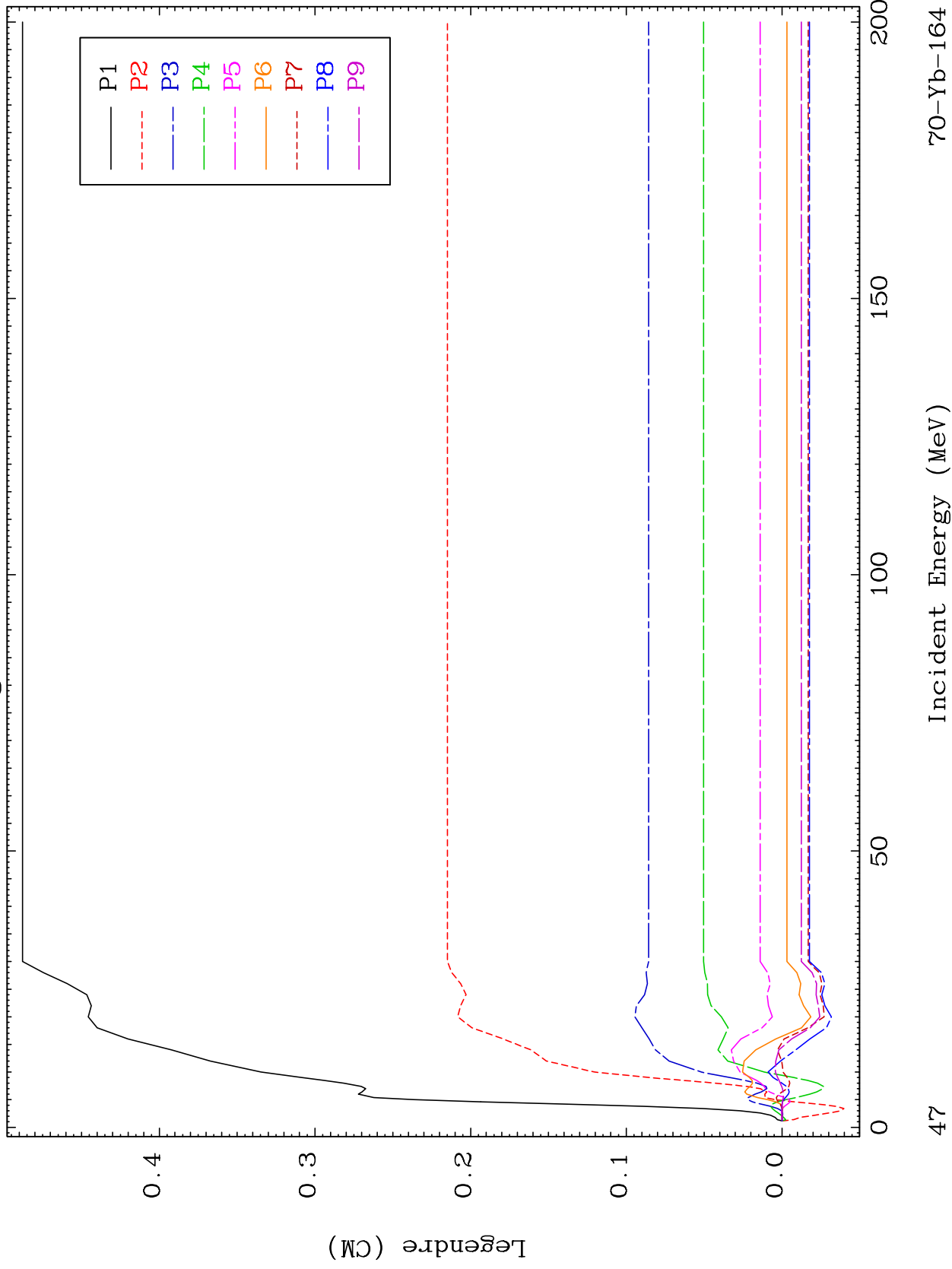
70-Yb-164



MAT 7013

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

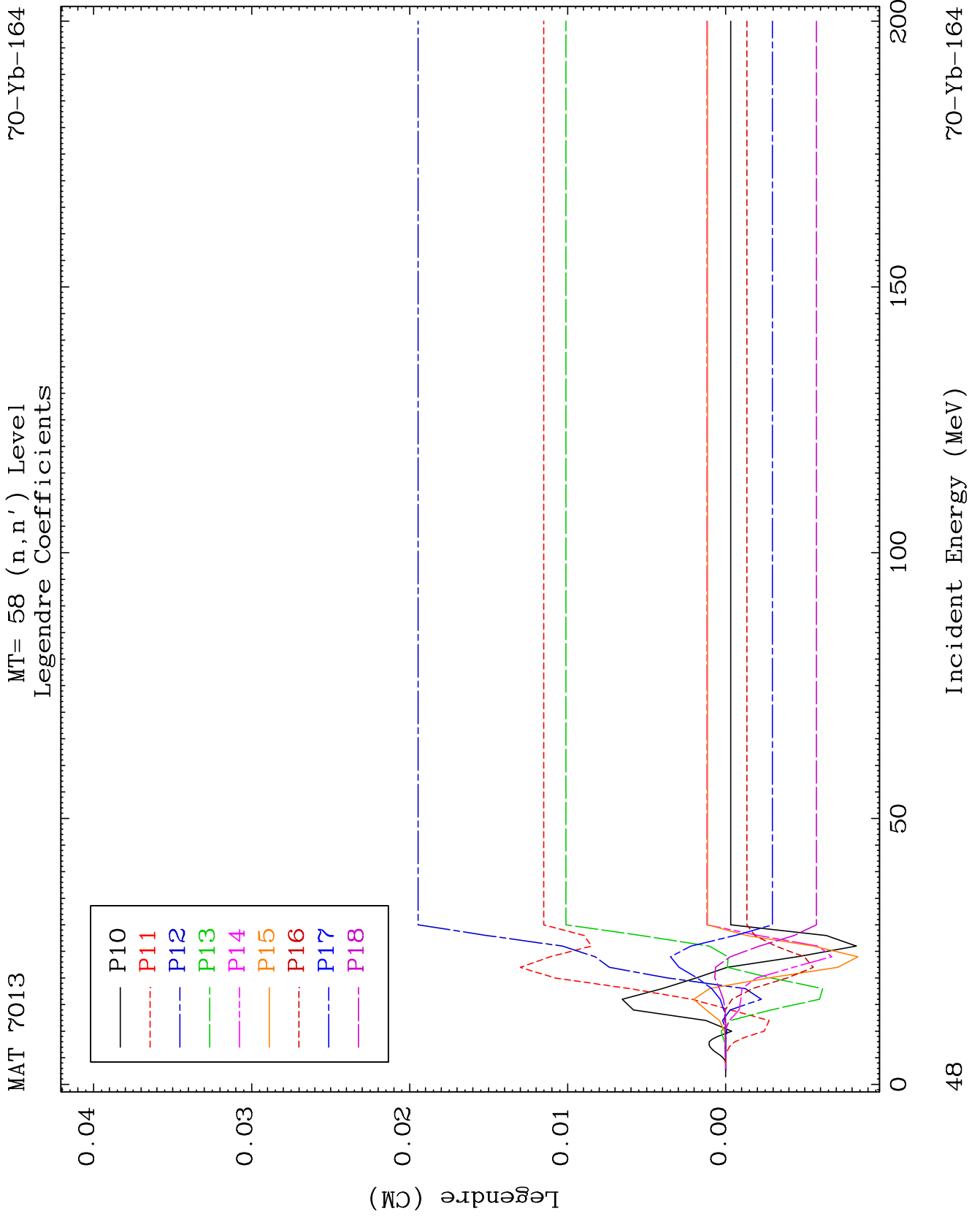
70-Yb-164



70-Yb-164

Incident Energy (MeV)

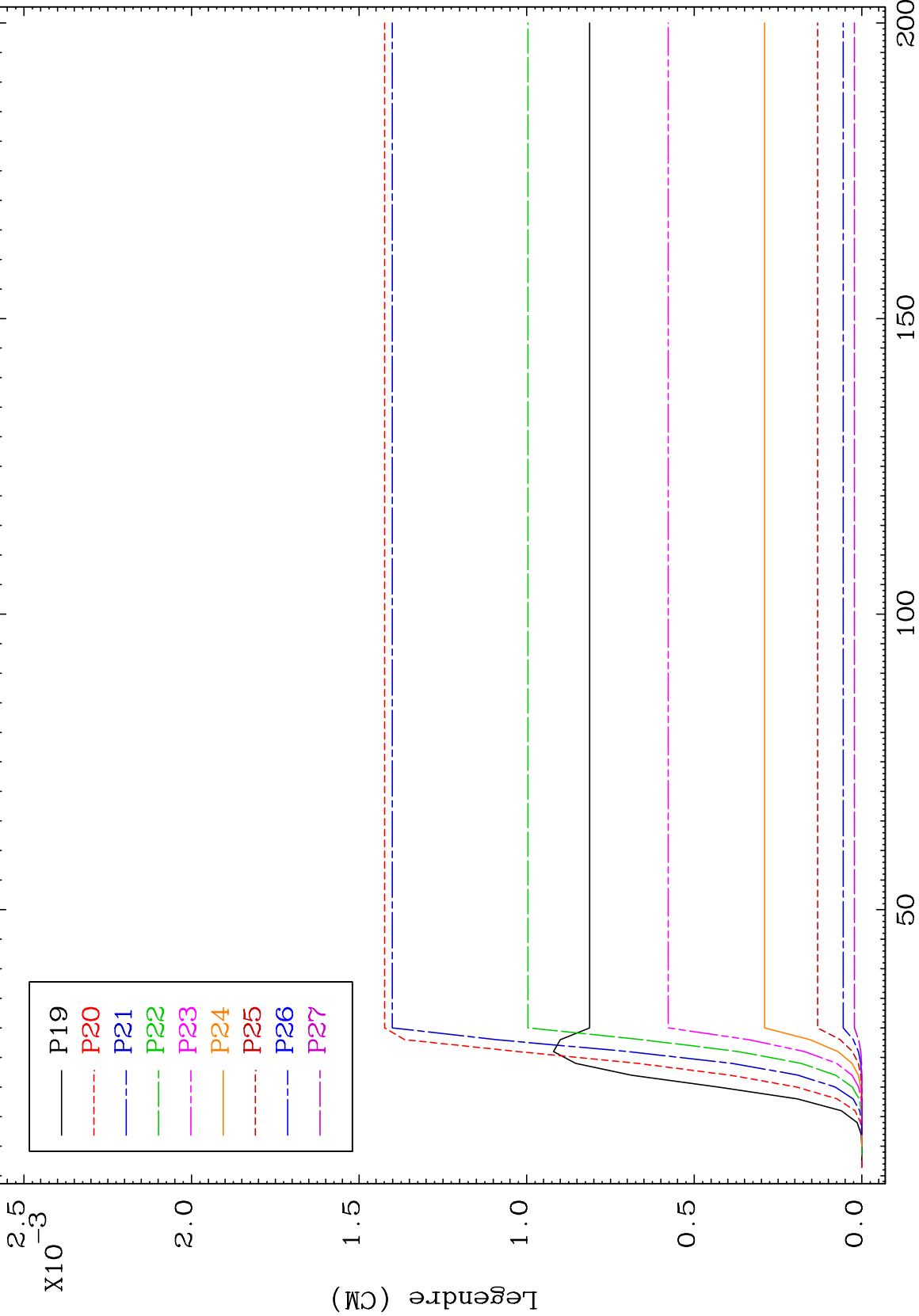
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MAT 7013

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

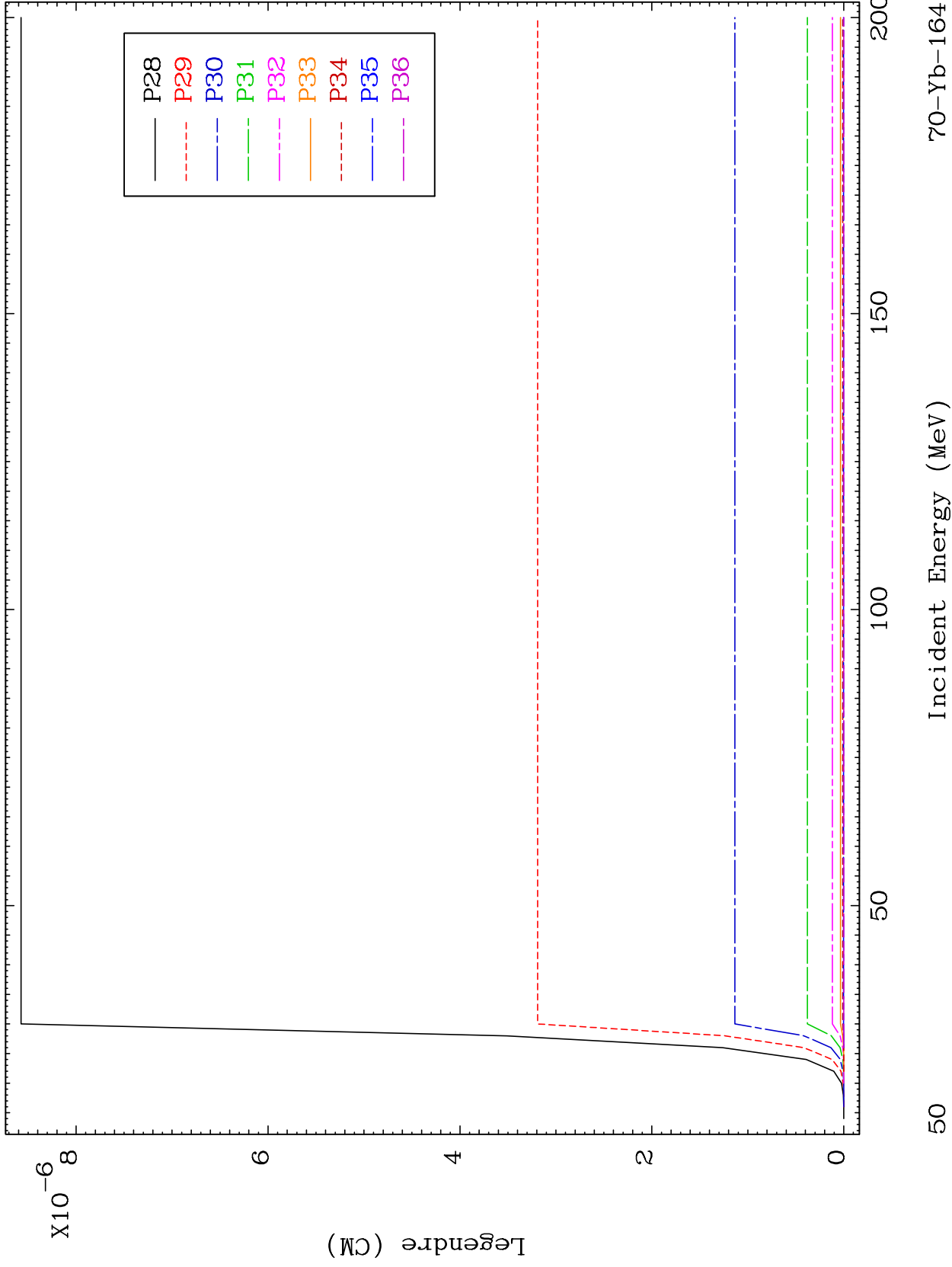
70-Yb-164



MAT 7013

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

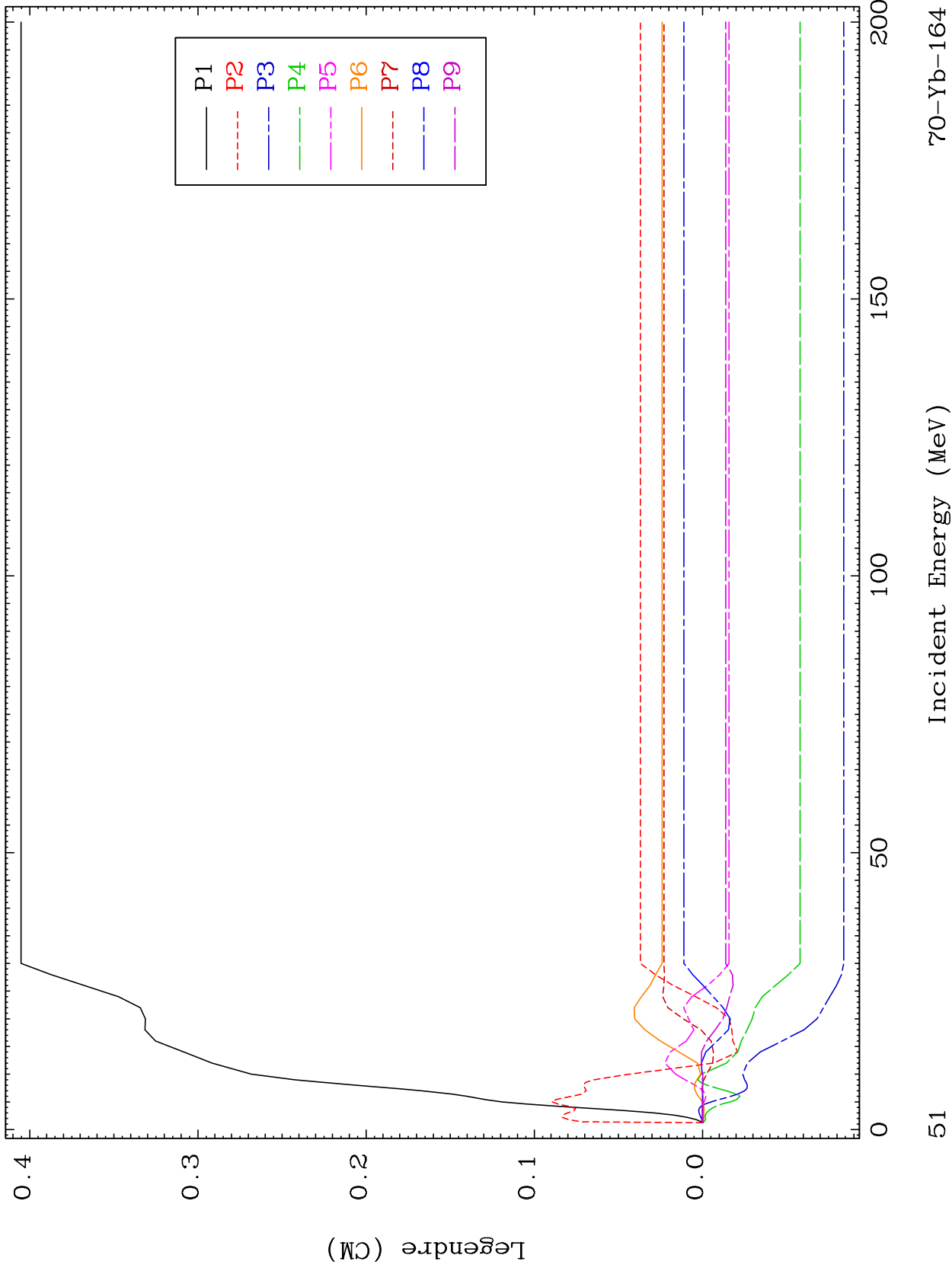
70-Yb-164



MAT 7013

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

70-Yb-164



70-Yb-164

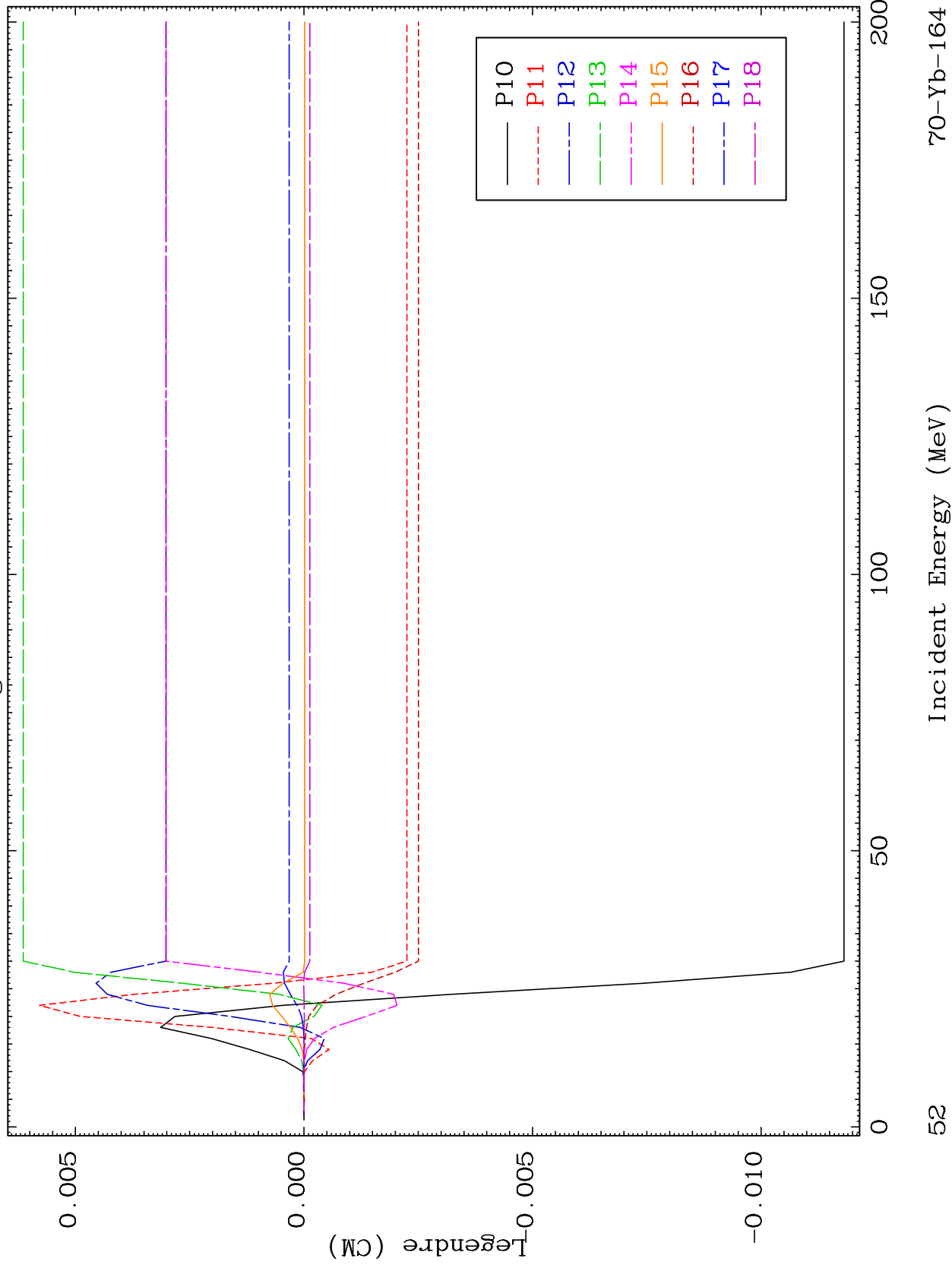
Incident Energy (MeV)

51

MAT 7013

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

70-Yb-164



52

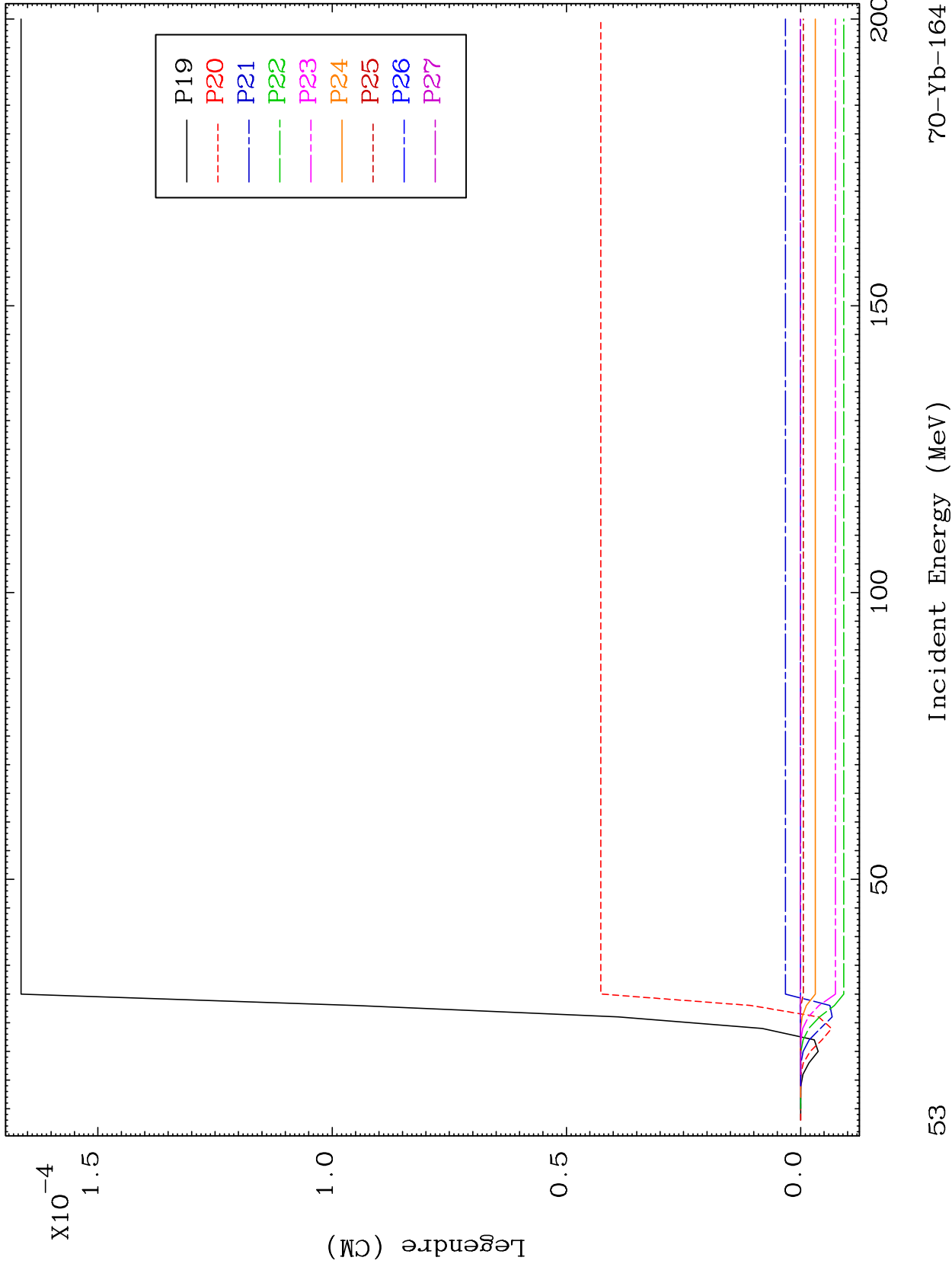
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

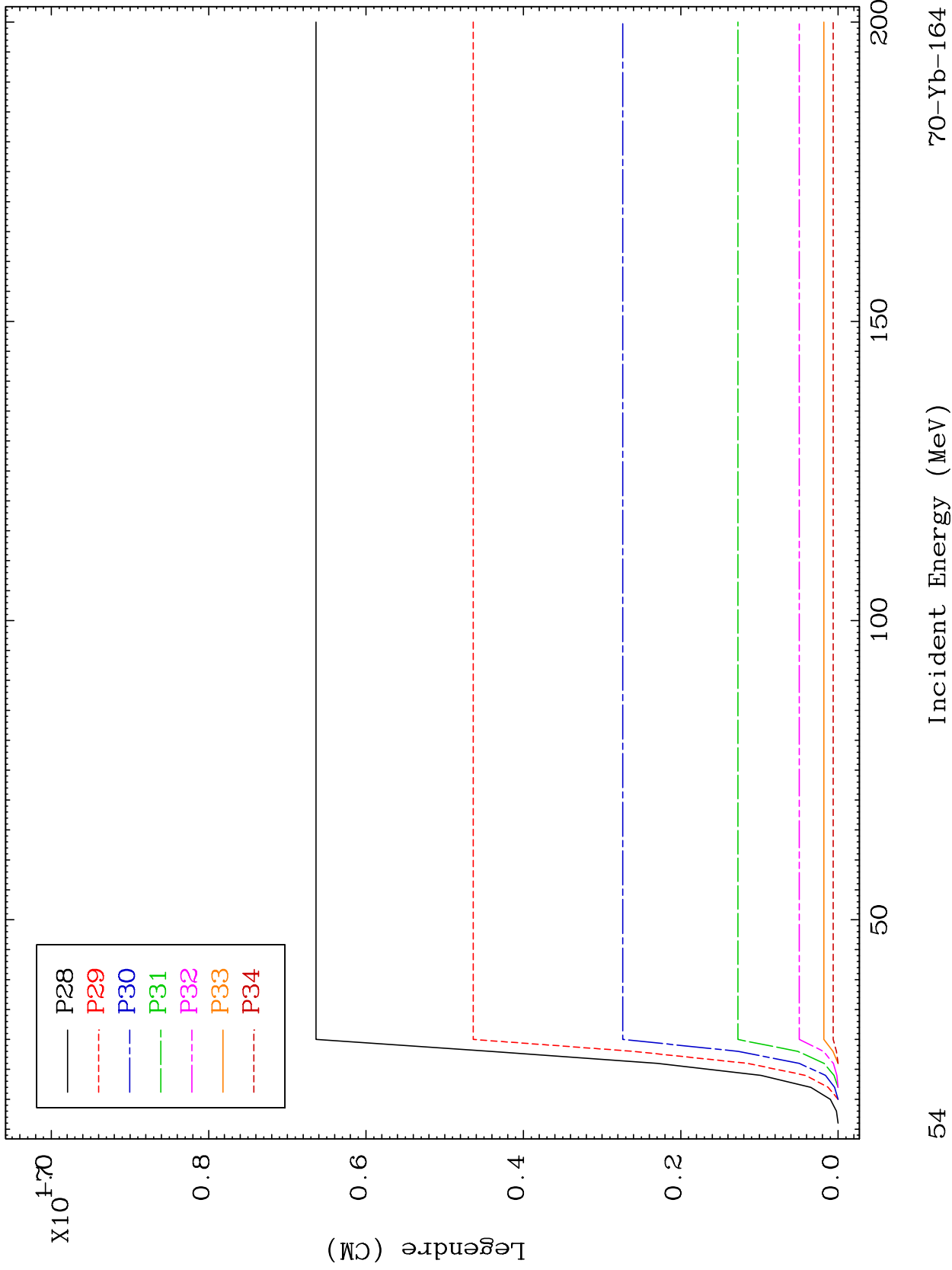
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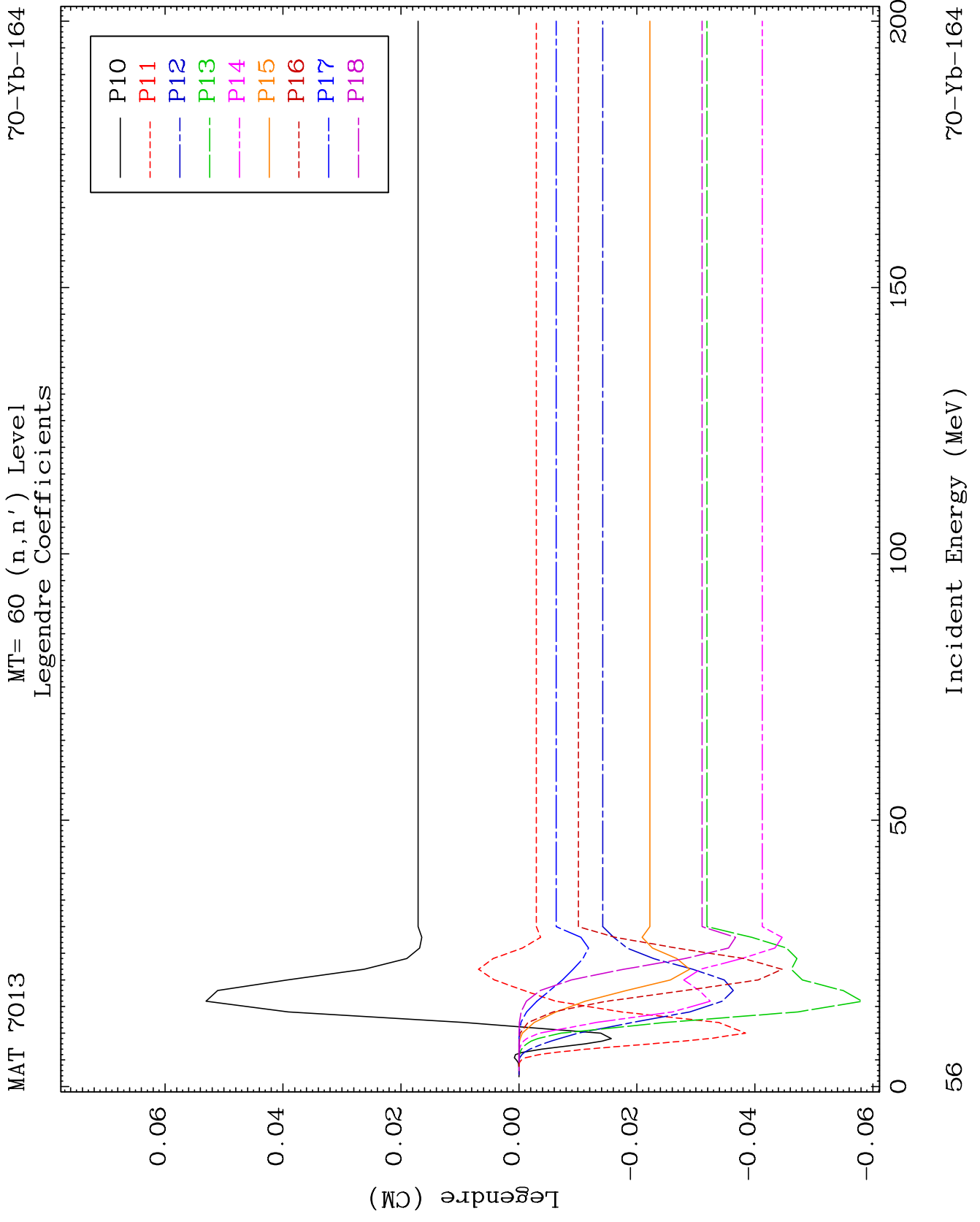


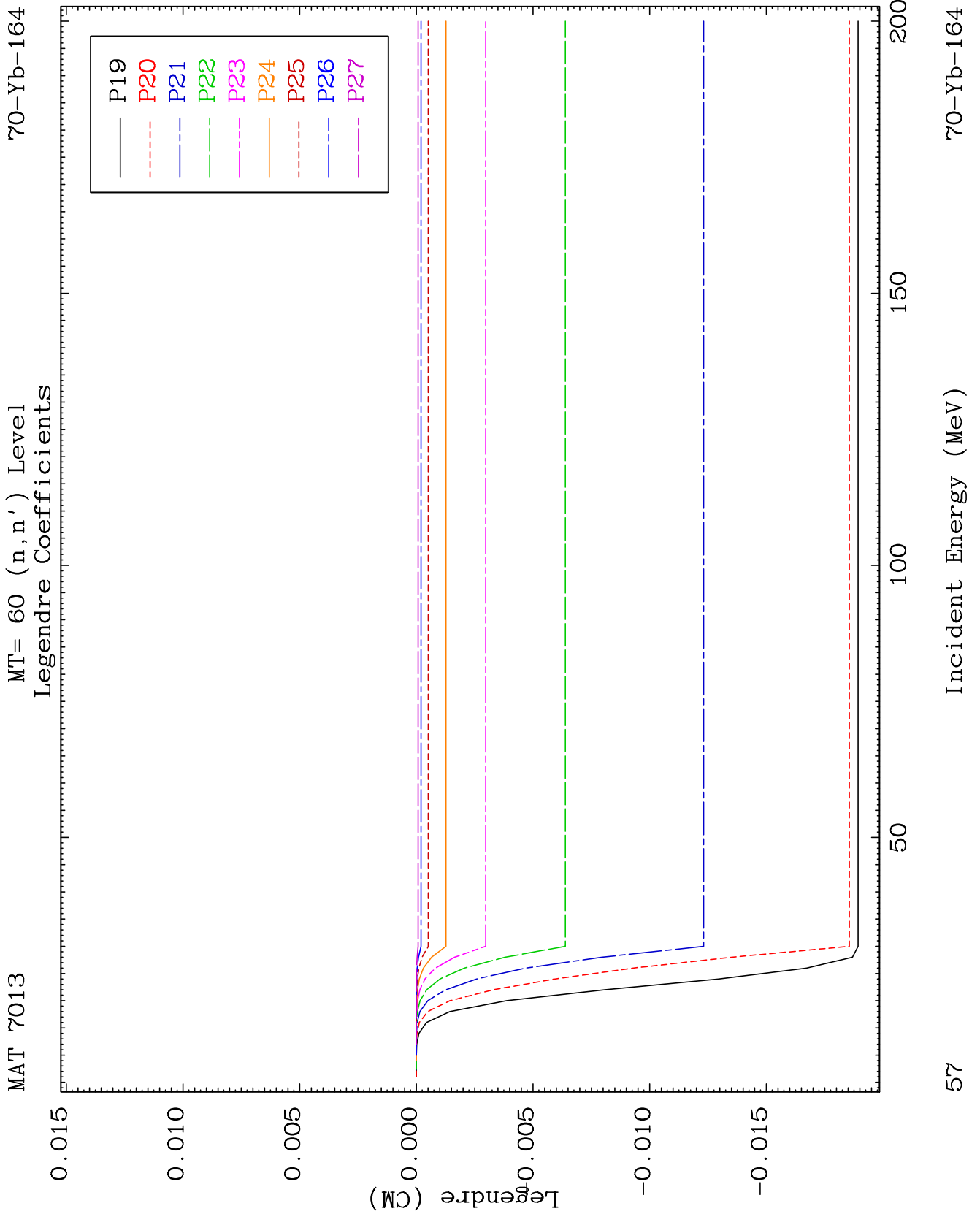
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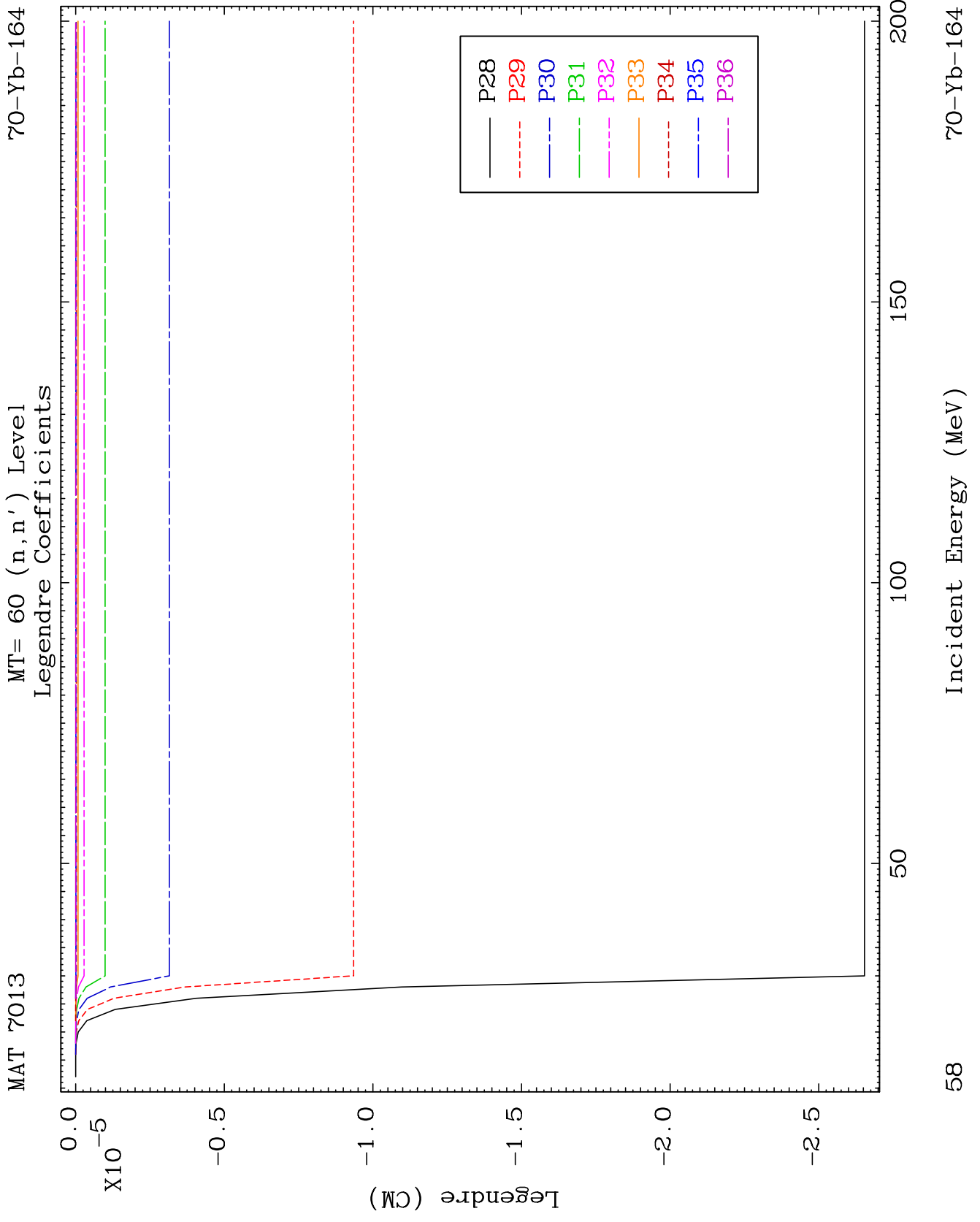
Incident Energy (MeV)

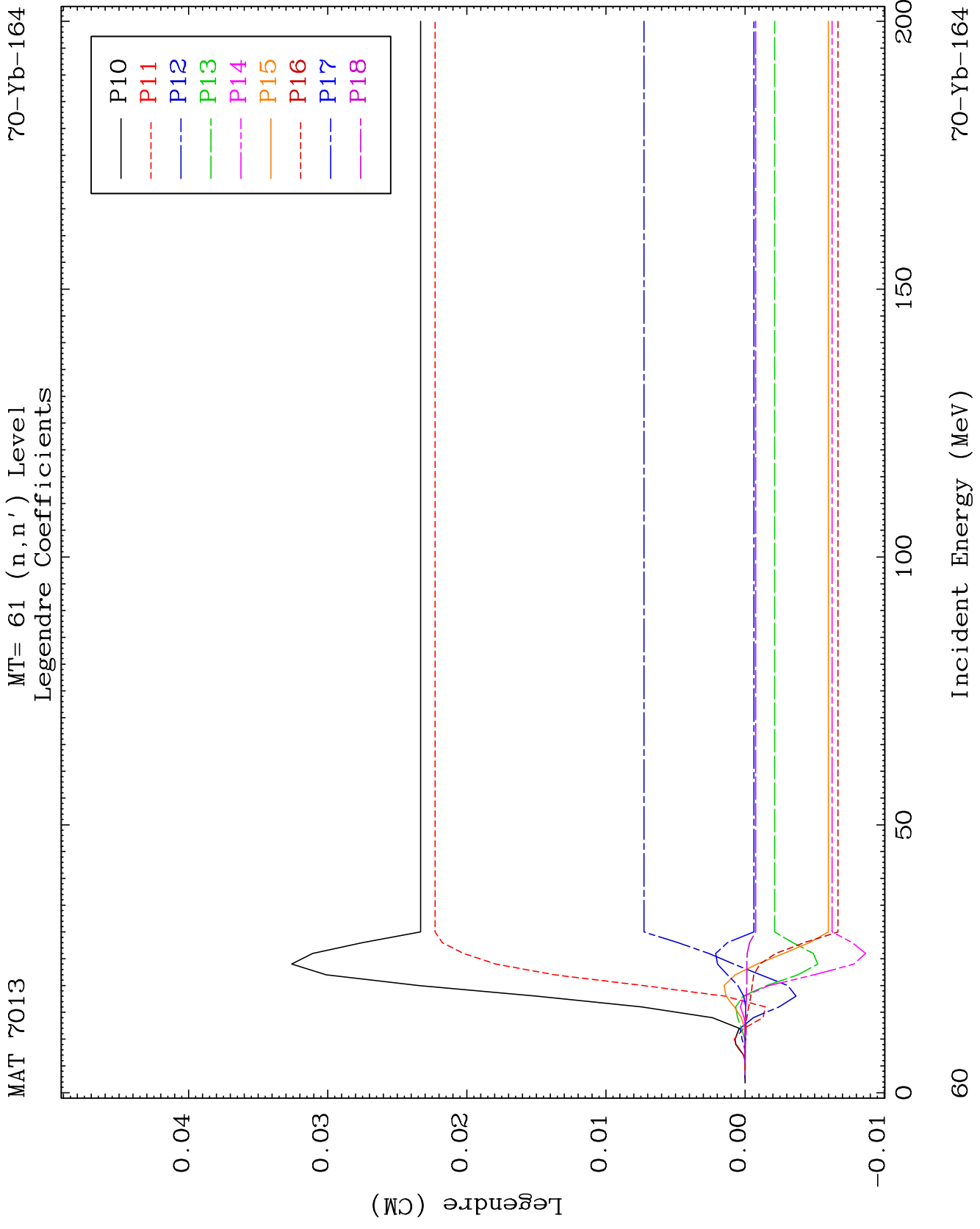
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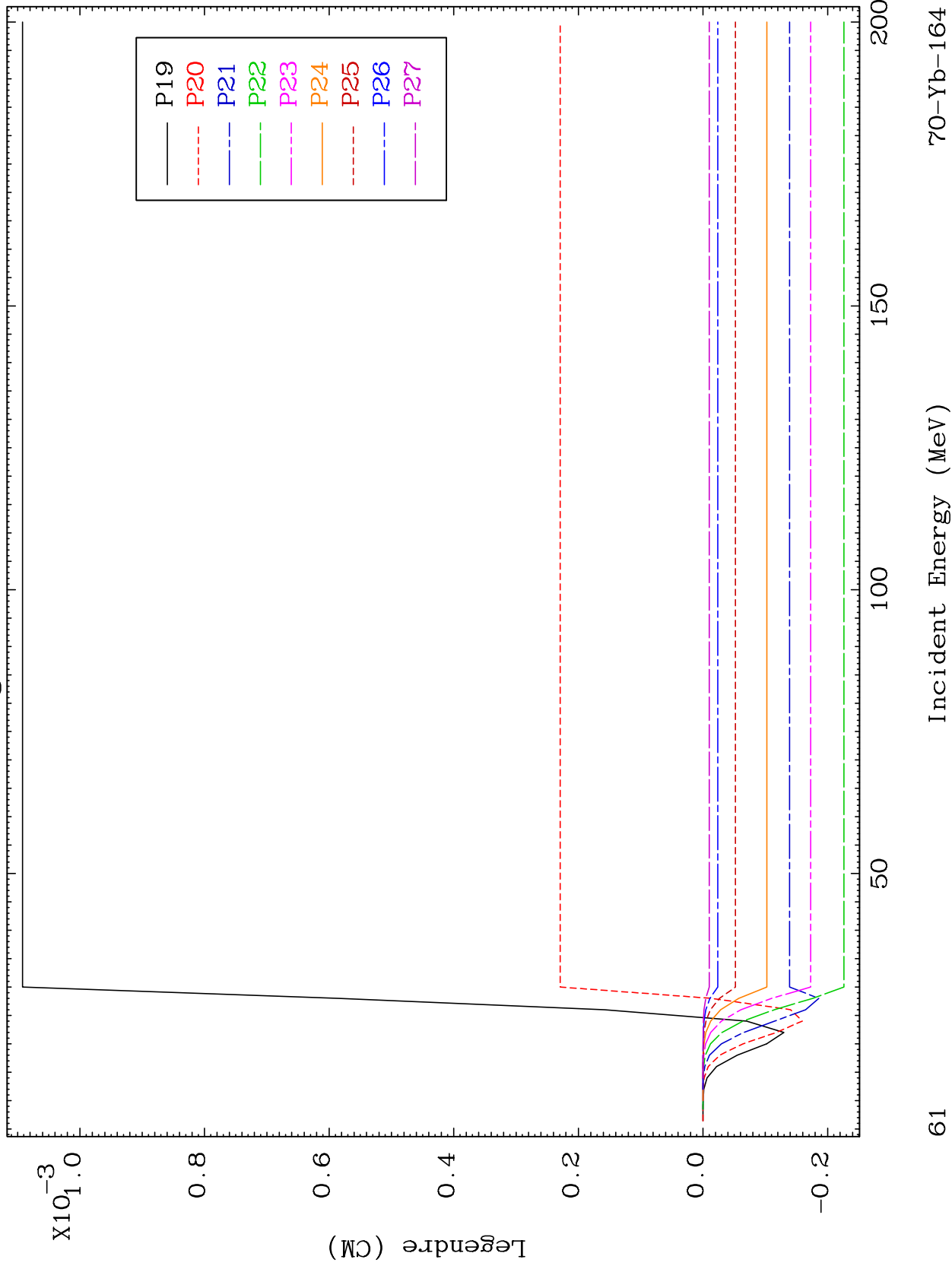




MAT 7013

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

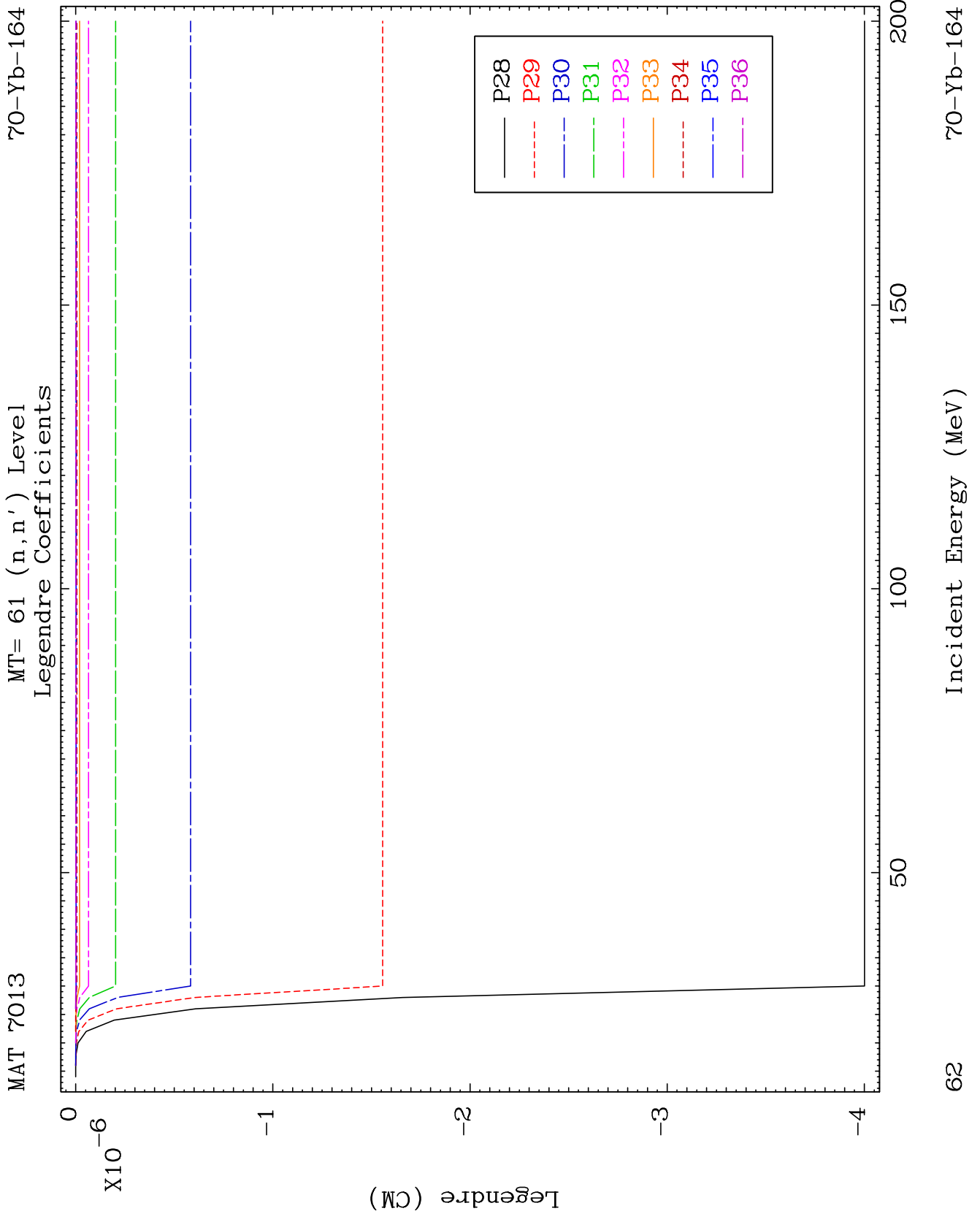
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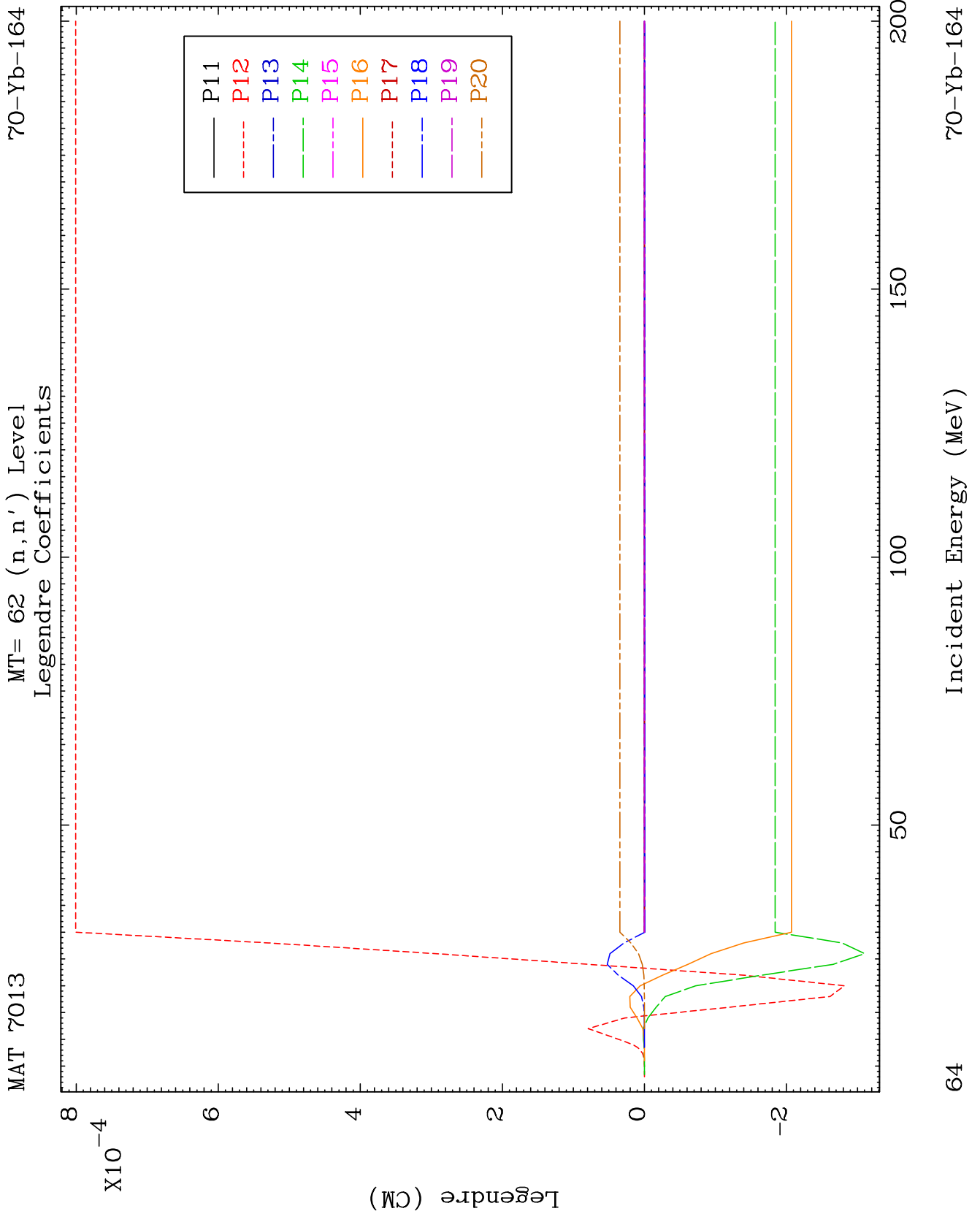


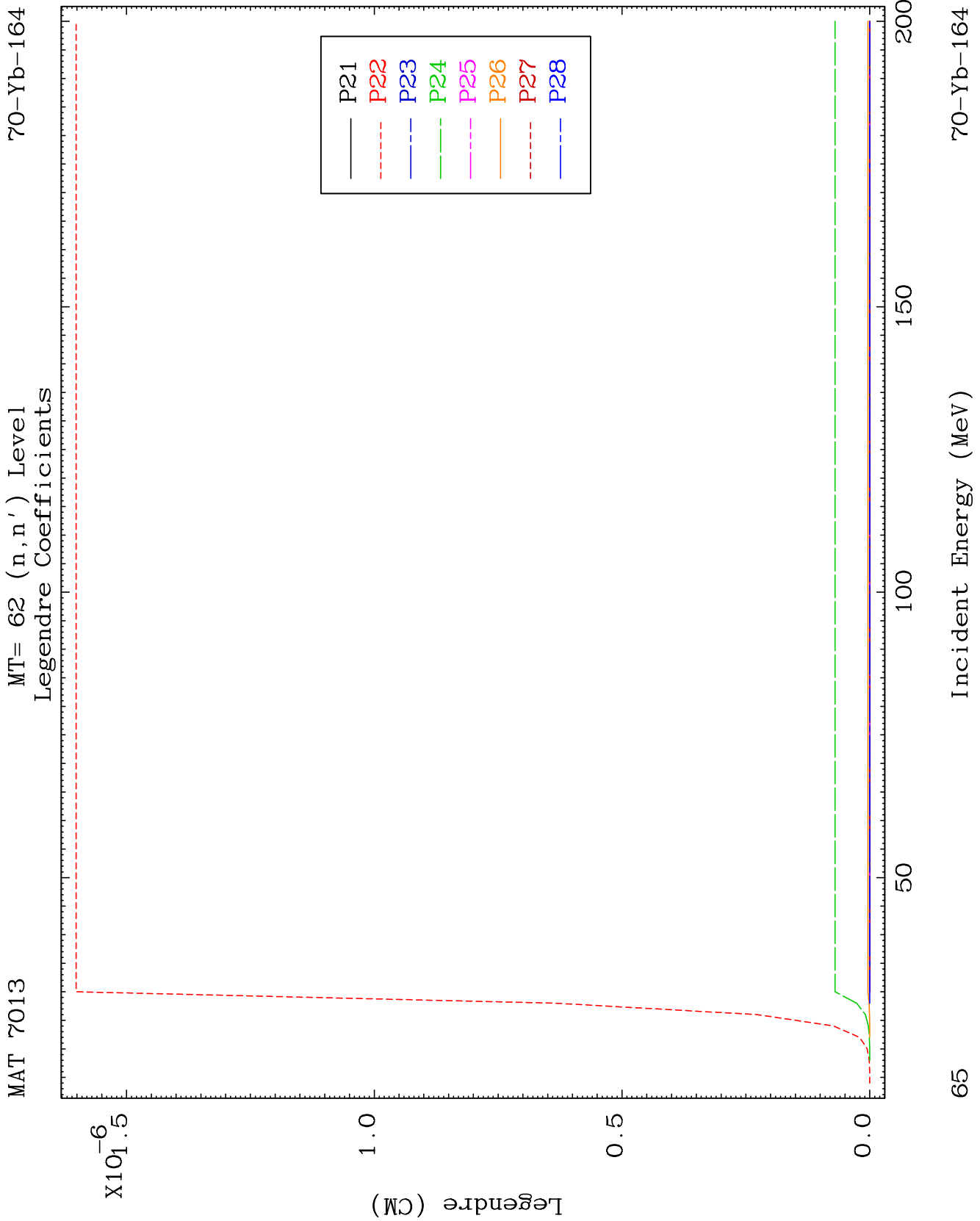
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Incident Energy (MeV)

70-Yb-164



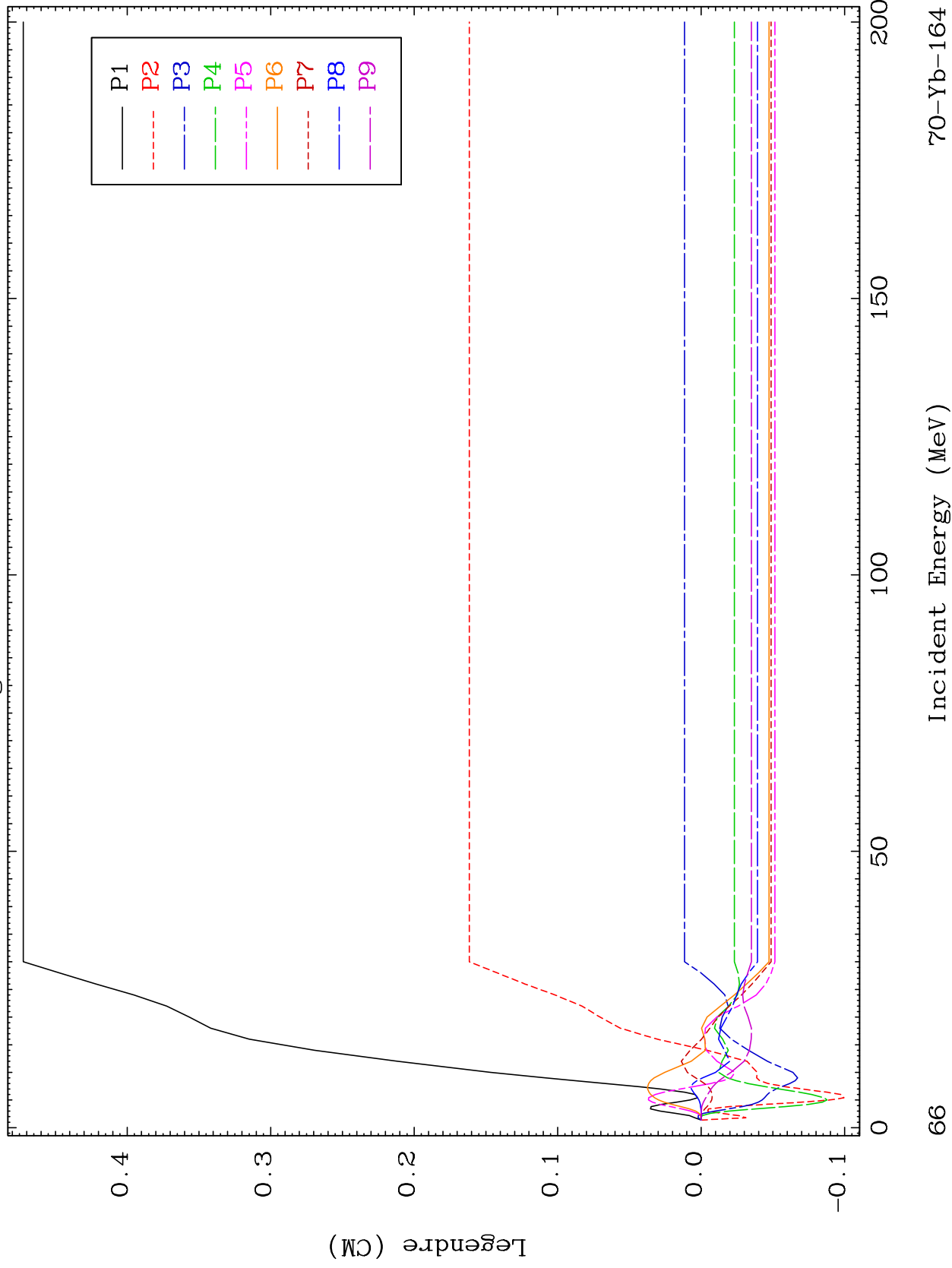




MAT 7013

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

70-Yb-164



70-Yb-164

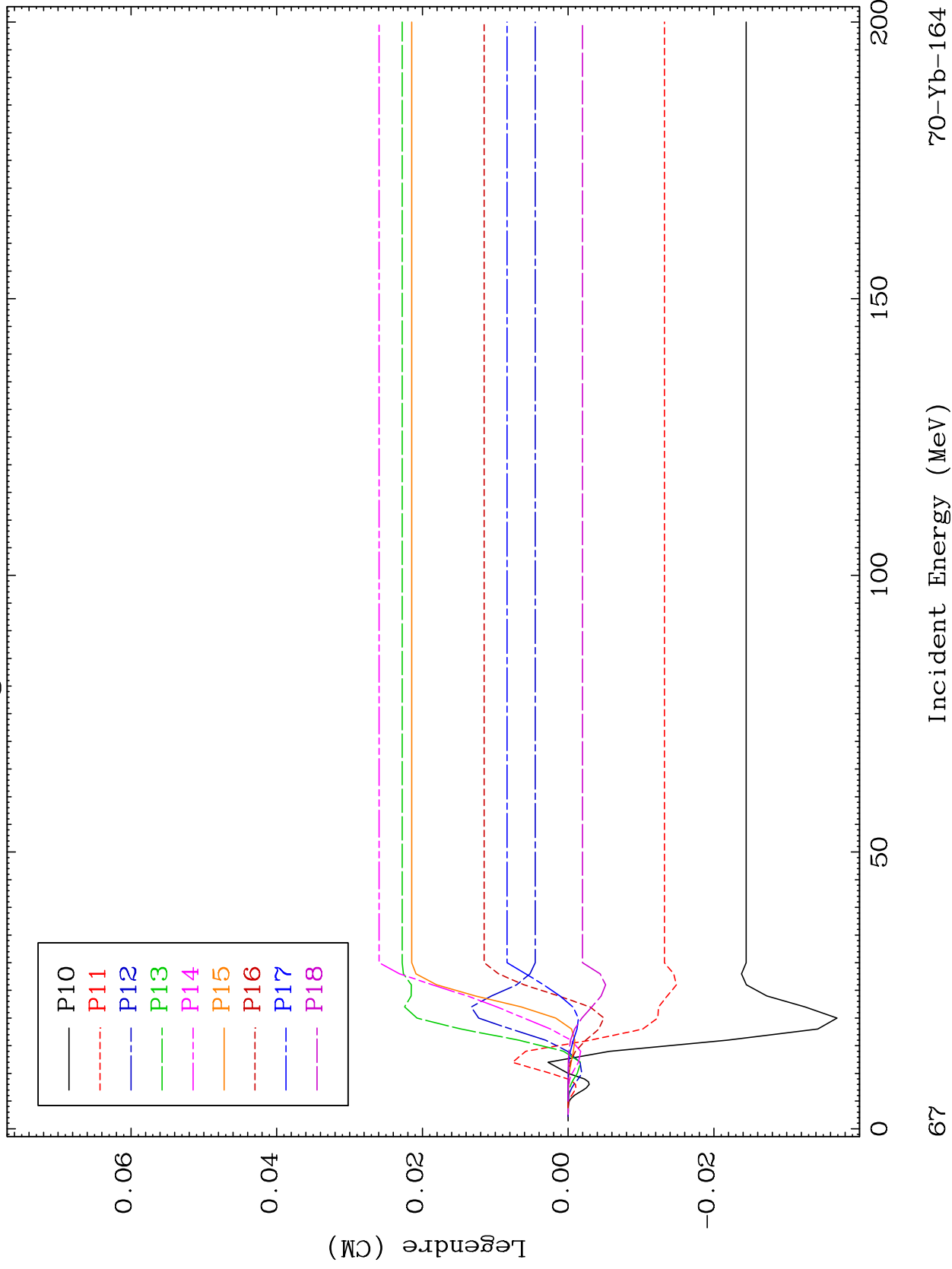
Incident Energy (MeV)

66

MAT 7013

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

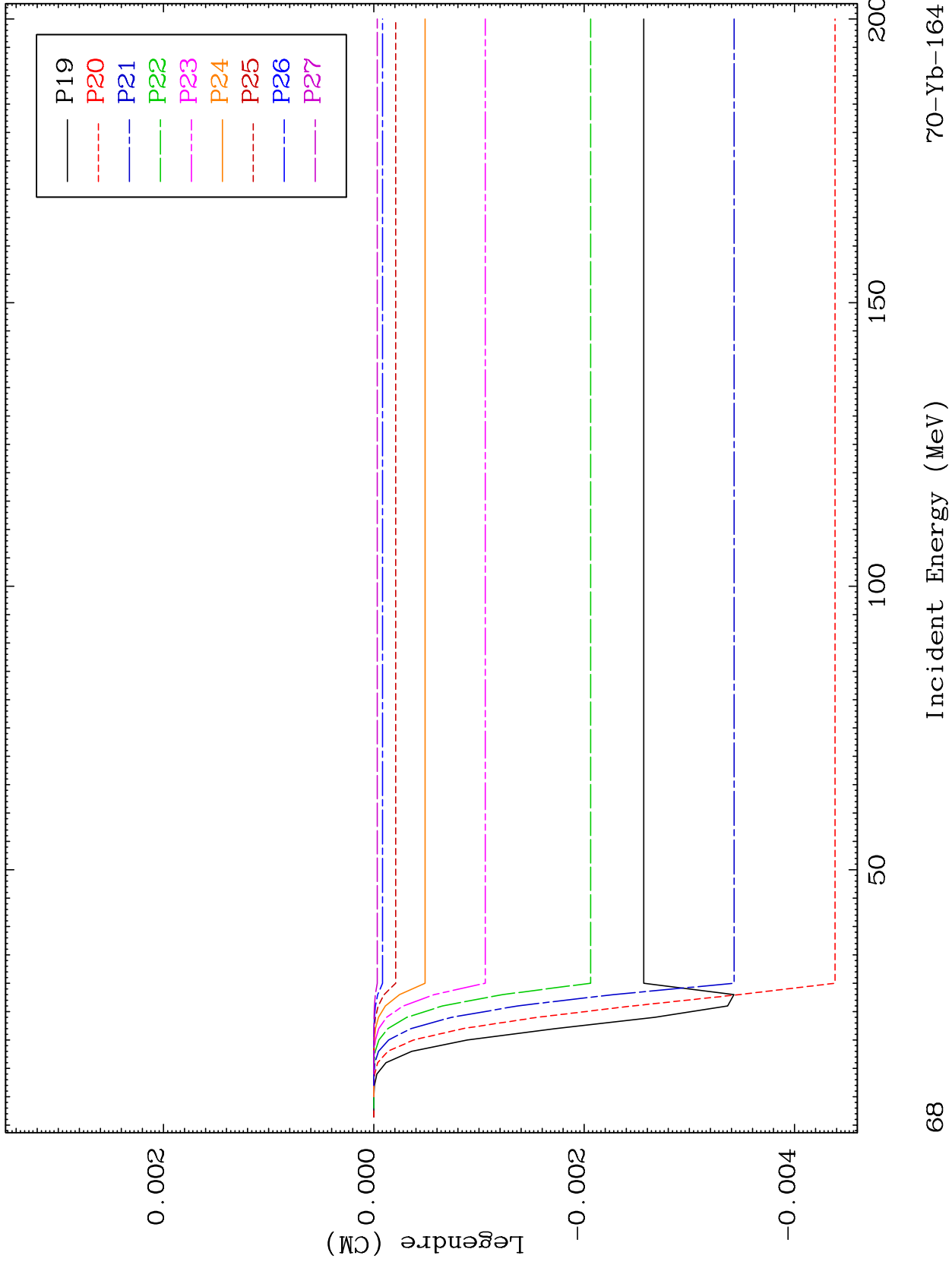
70-Yb-164



MAT 7013

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

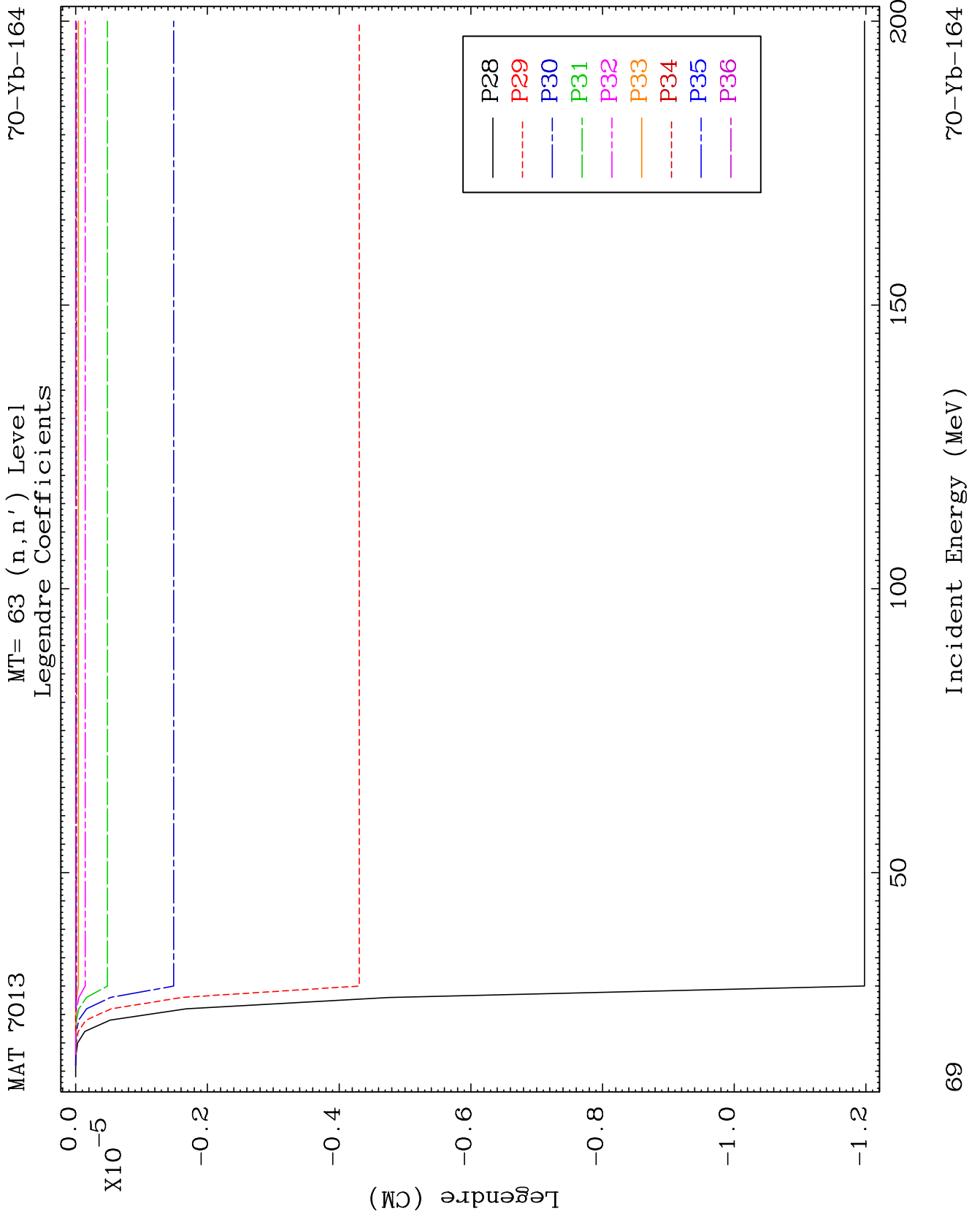
70-Yb-164

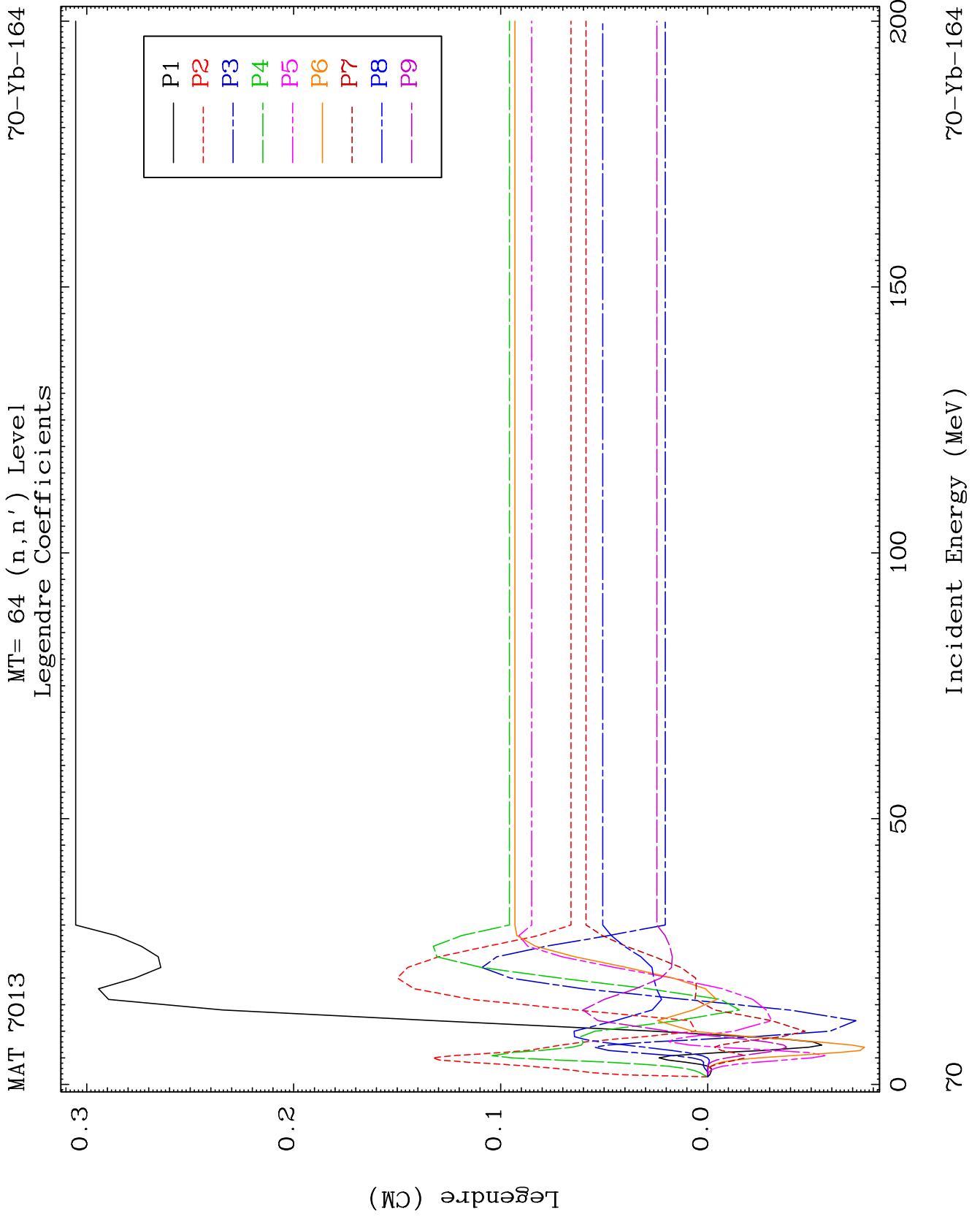


68

Incident Energy (MeV)

70-Yb-164

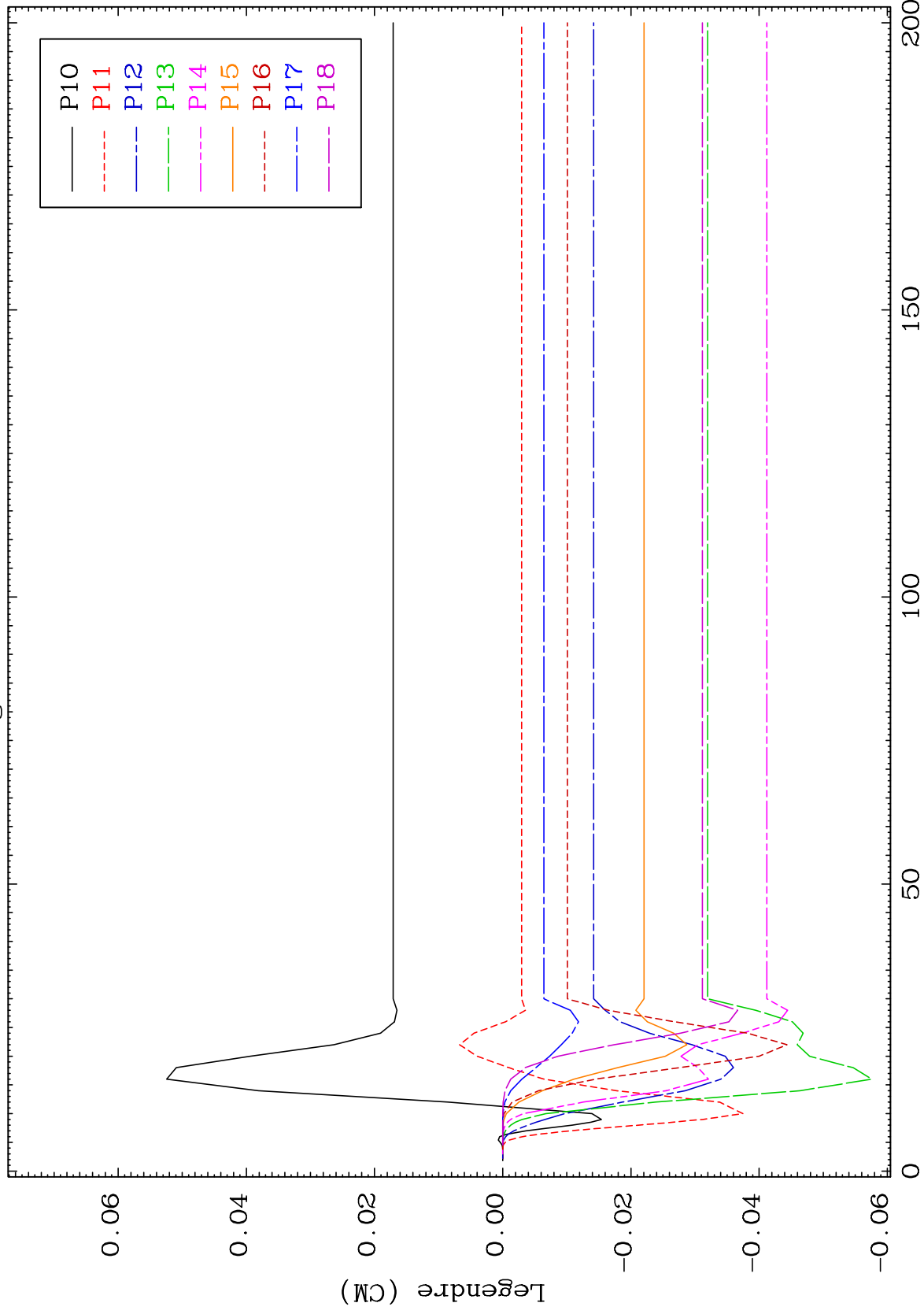




MAT 7013

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

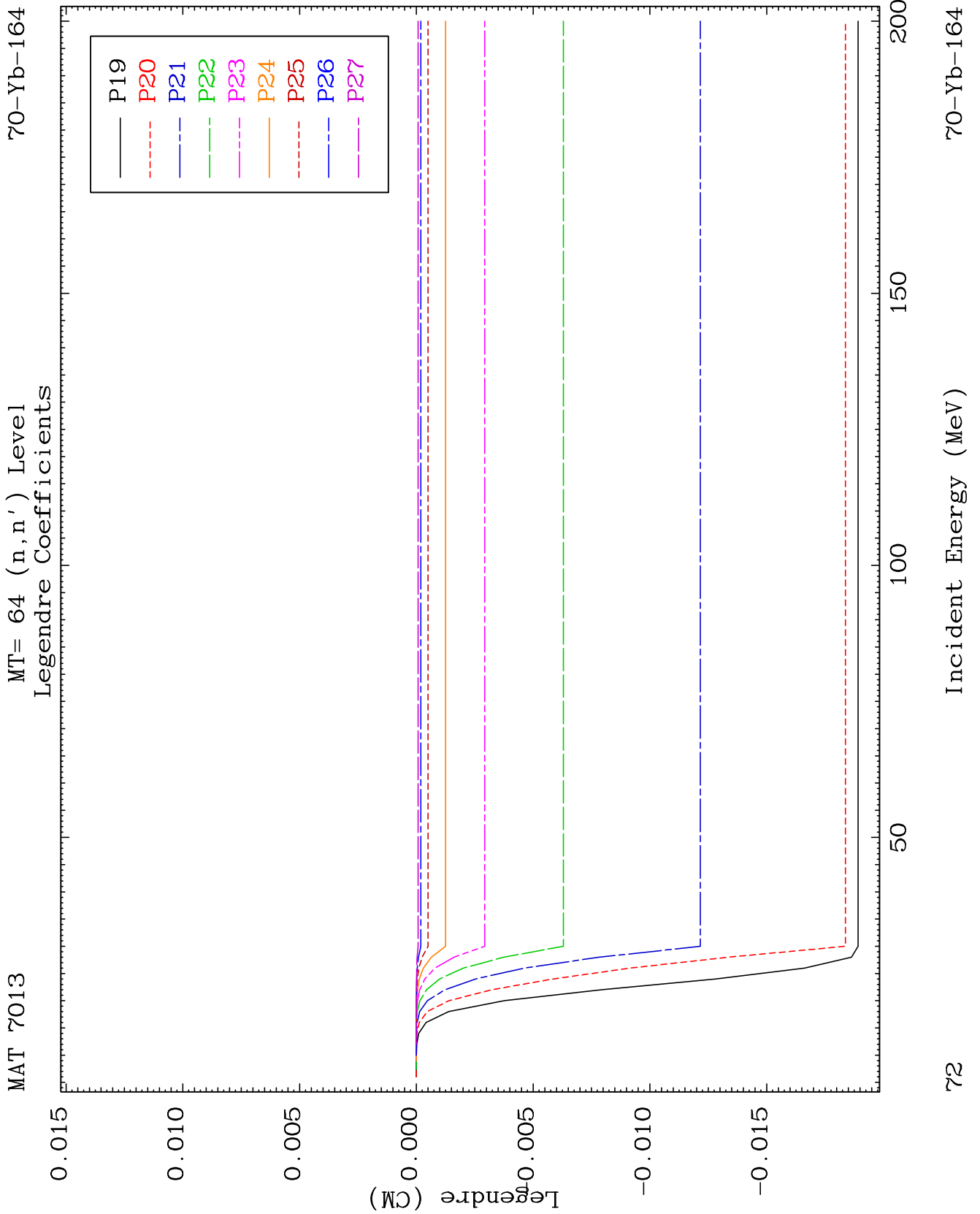
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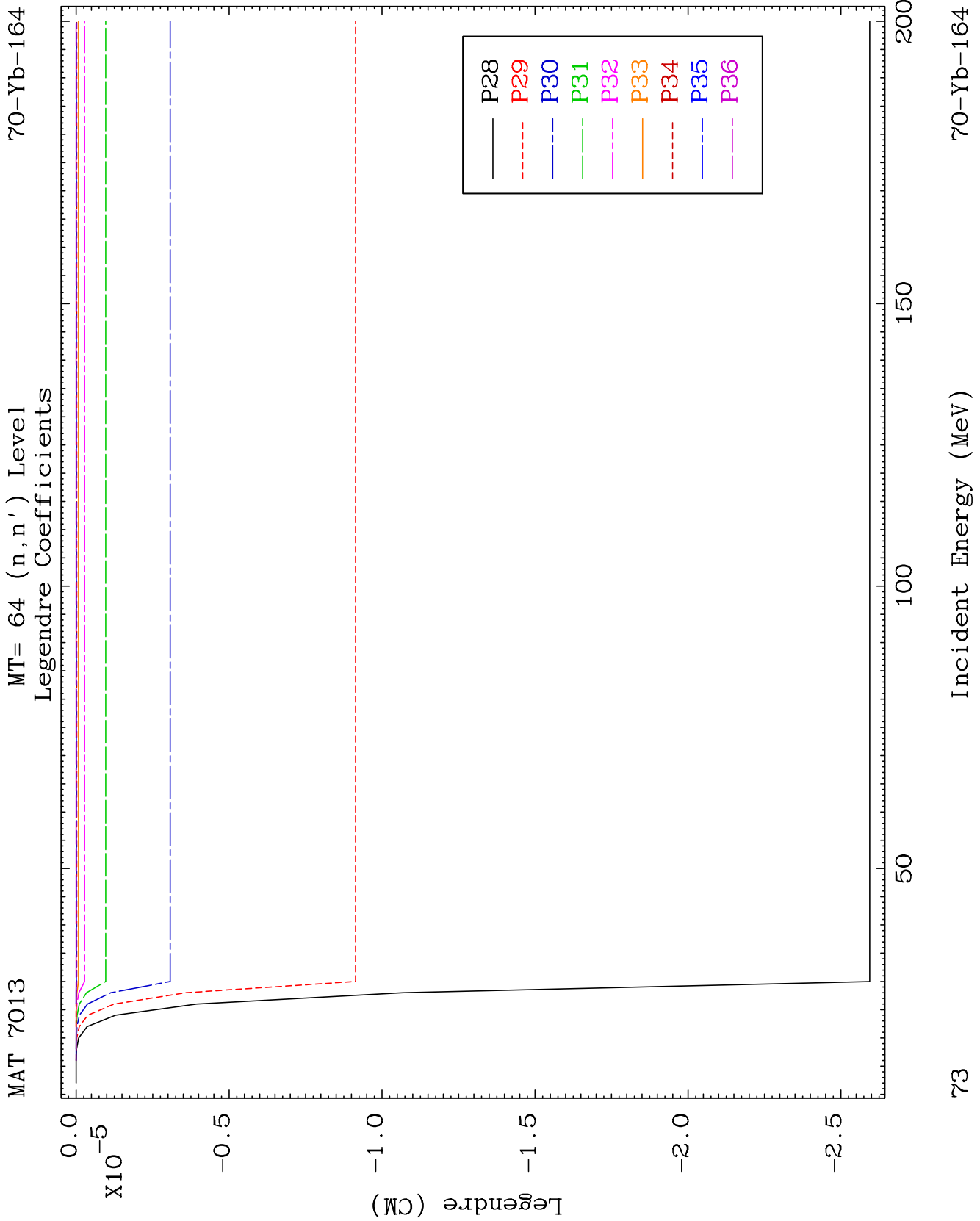


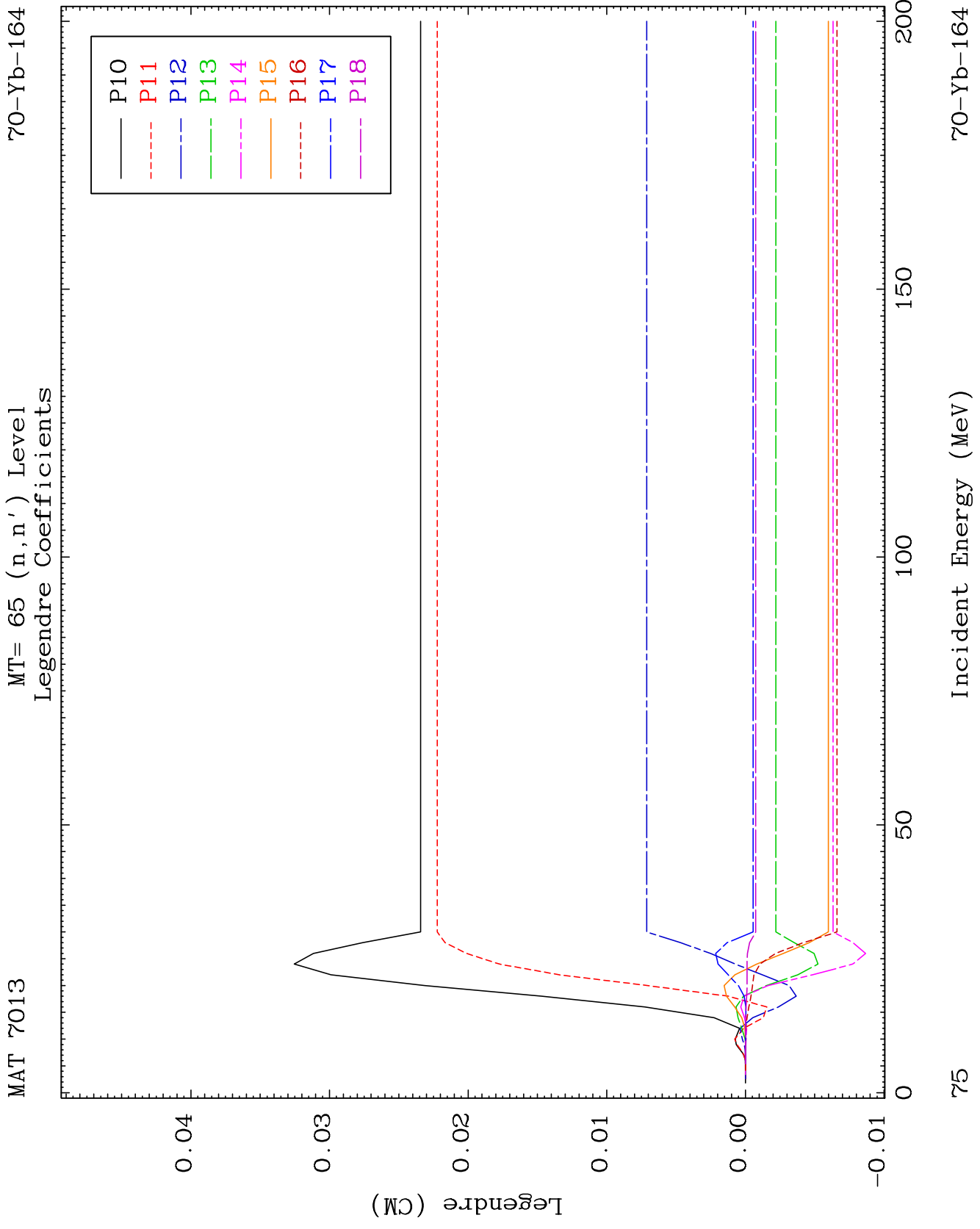
71

Incident Energy (MeV)

70-Yb-164



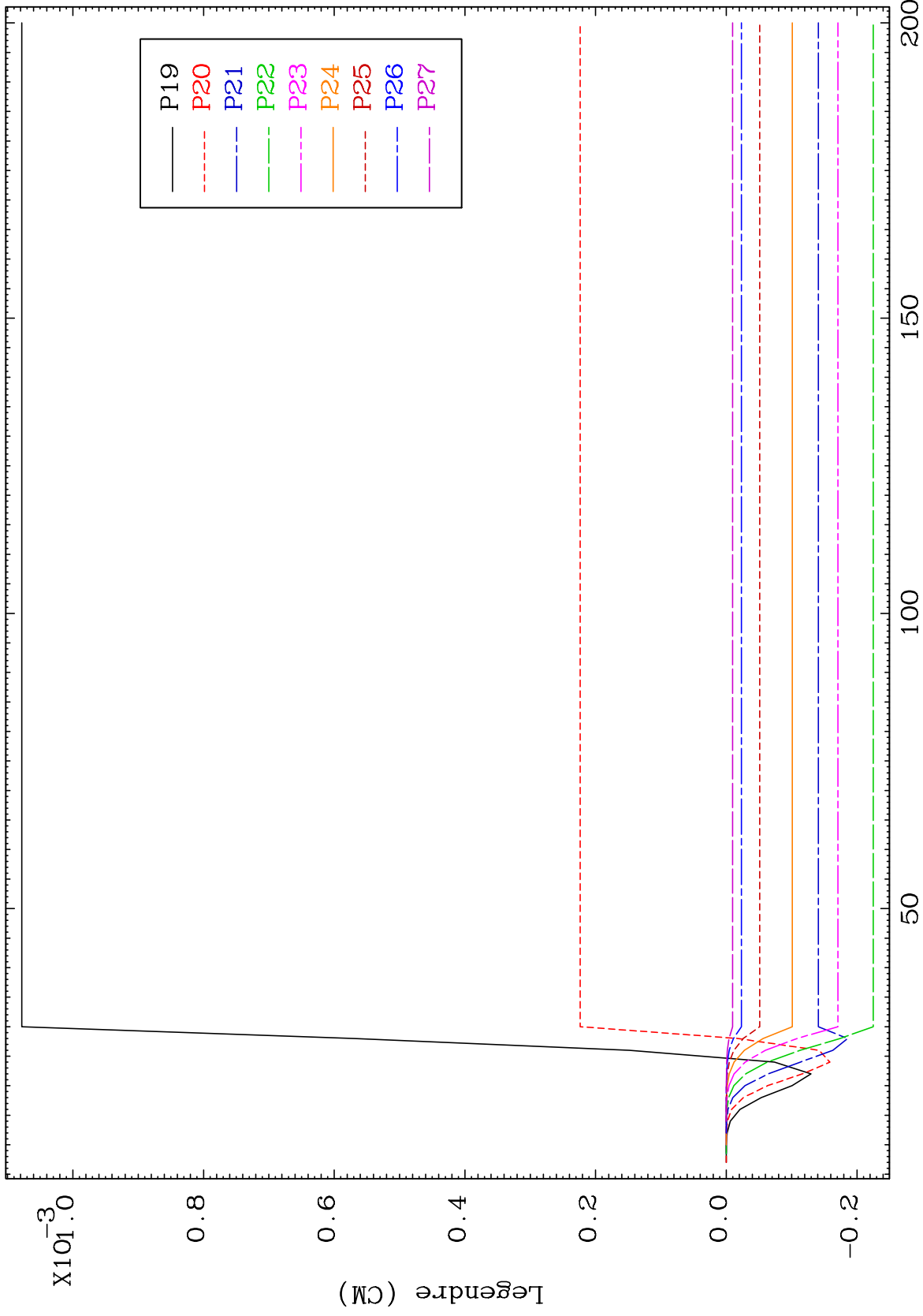




MAT 7013

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

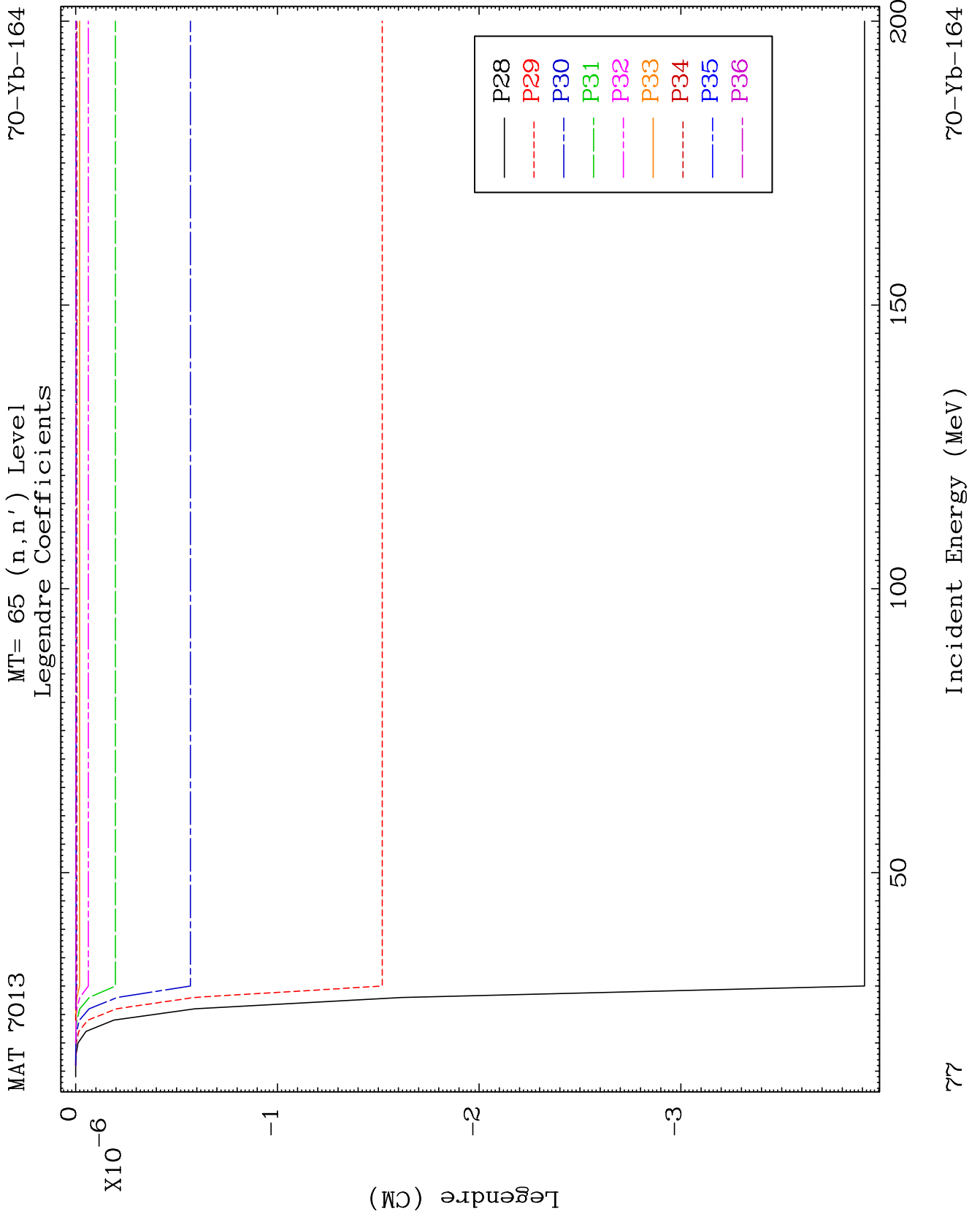
70-Yb-164



76

Incident Energy (MeV)

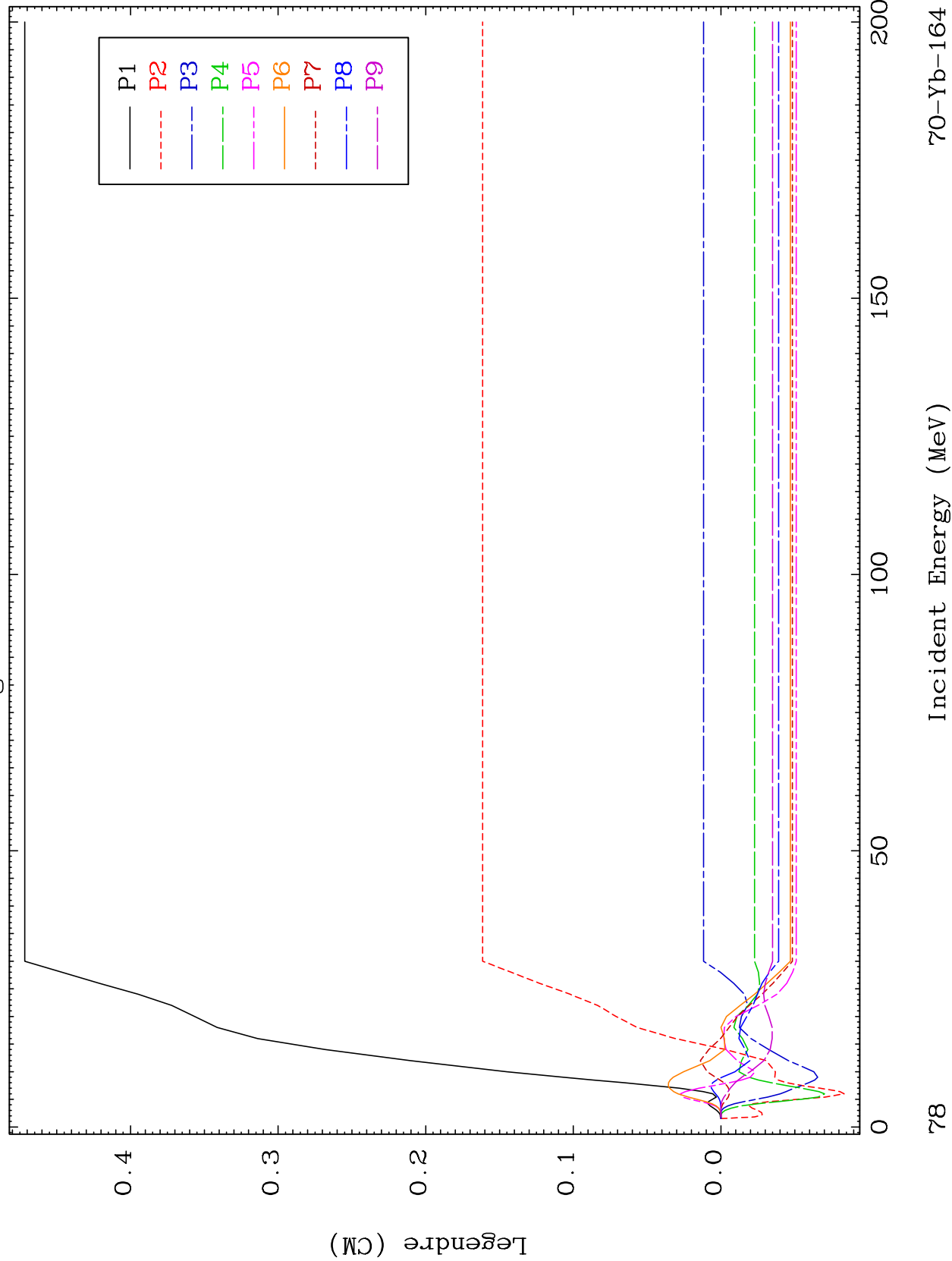
70-Yb-164



MAT 7013

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

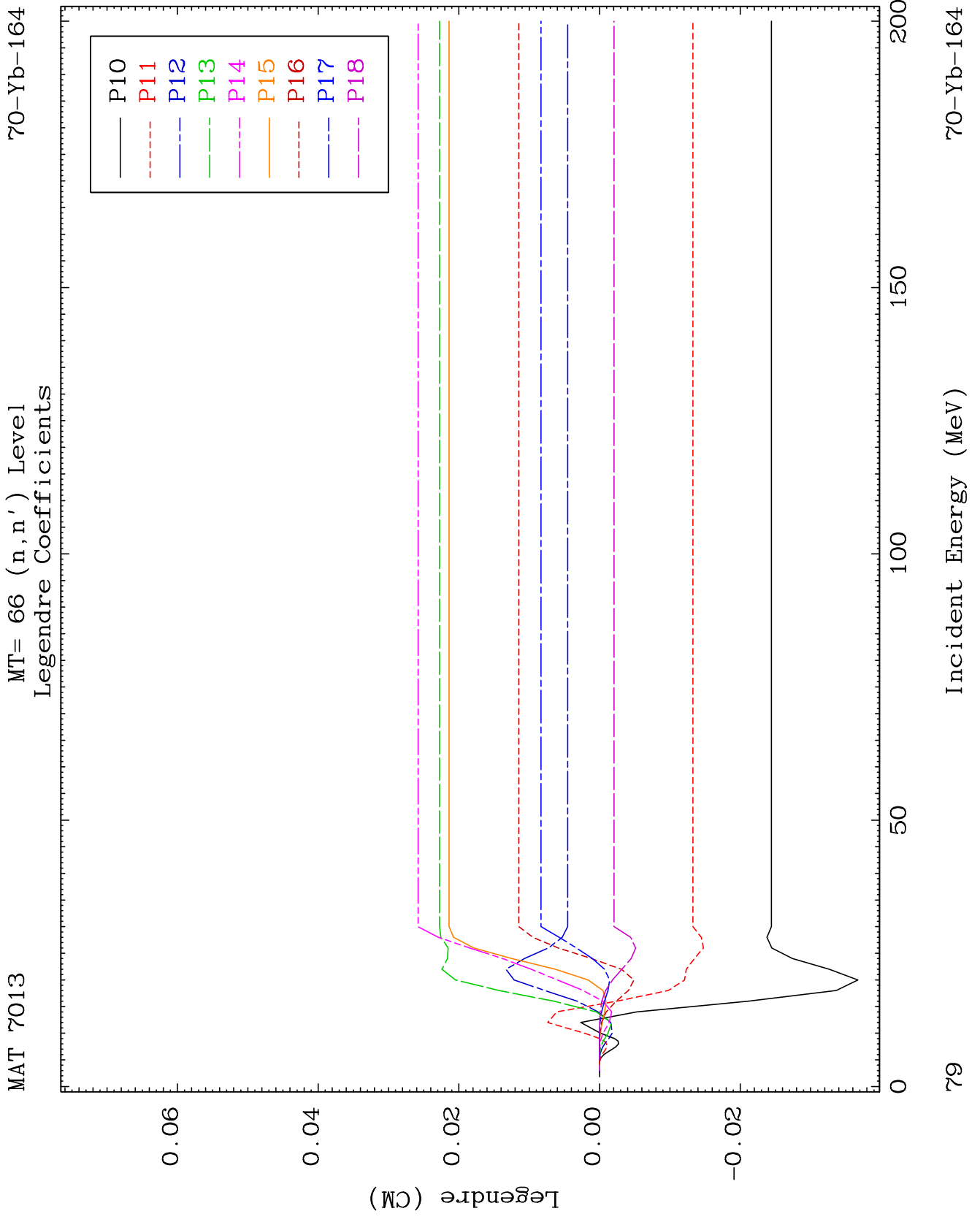
70-Yb-164



70-Yb-164

Incident Energy (MeV)

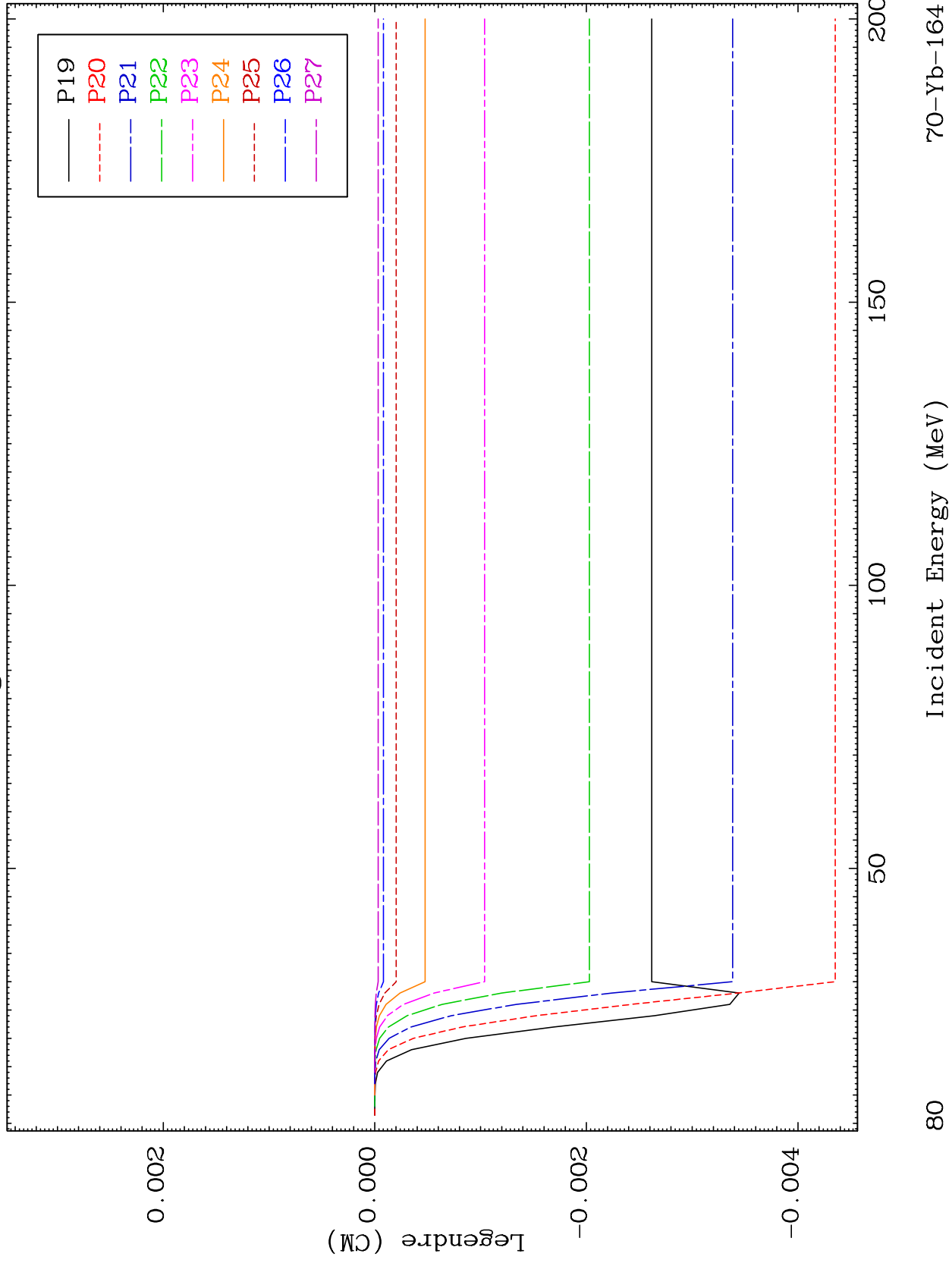
78



MAT 7013

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

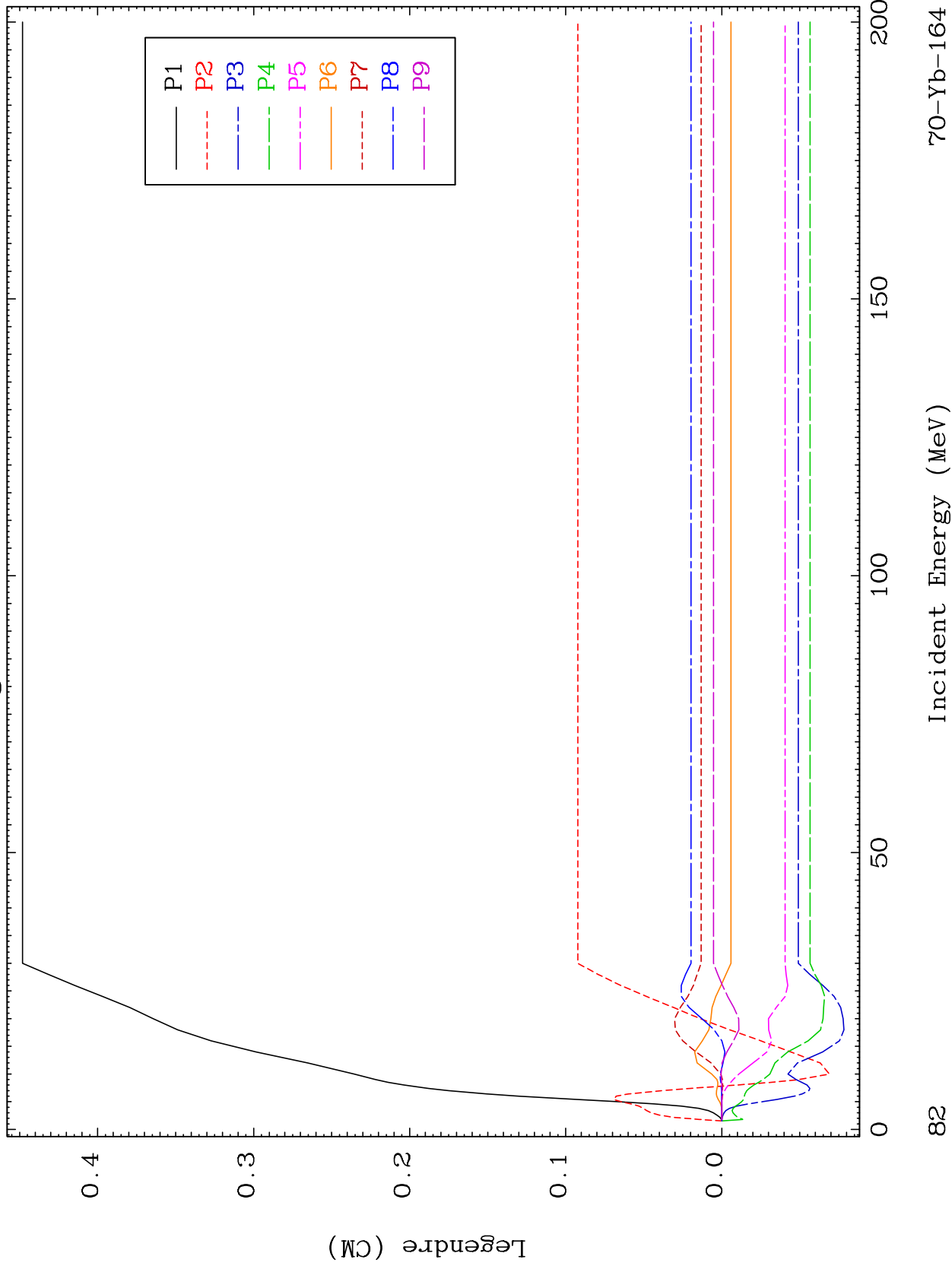
70-Yb-164



MAT 7013

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

70-Yb-164



70-Yb-164

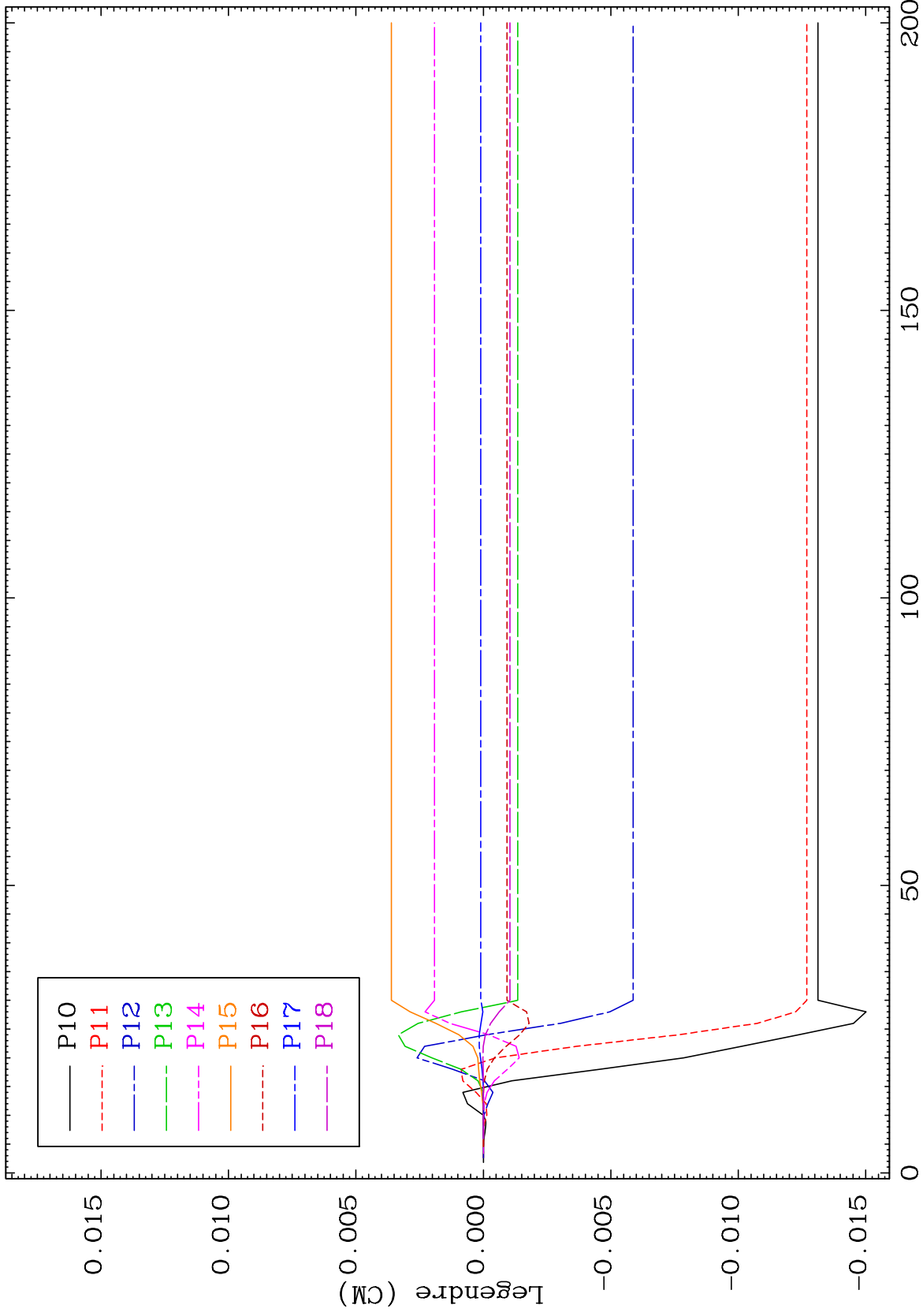
Incident Energy (MeV)

82

MAT 7013

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

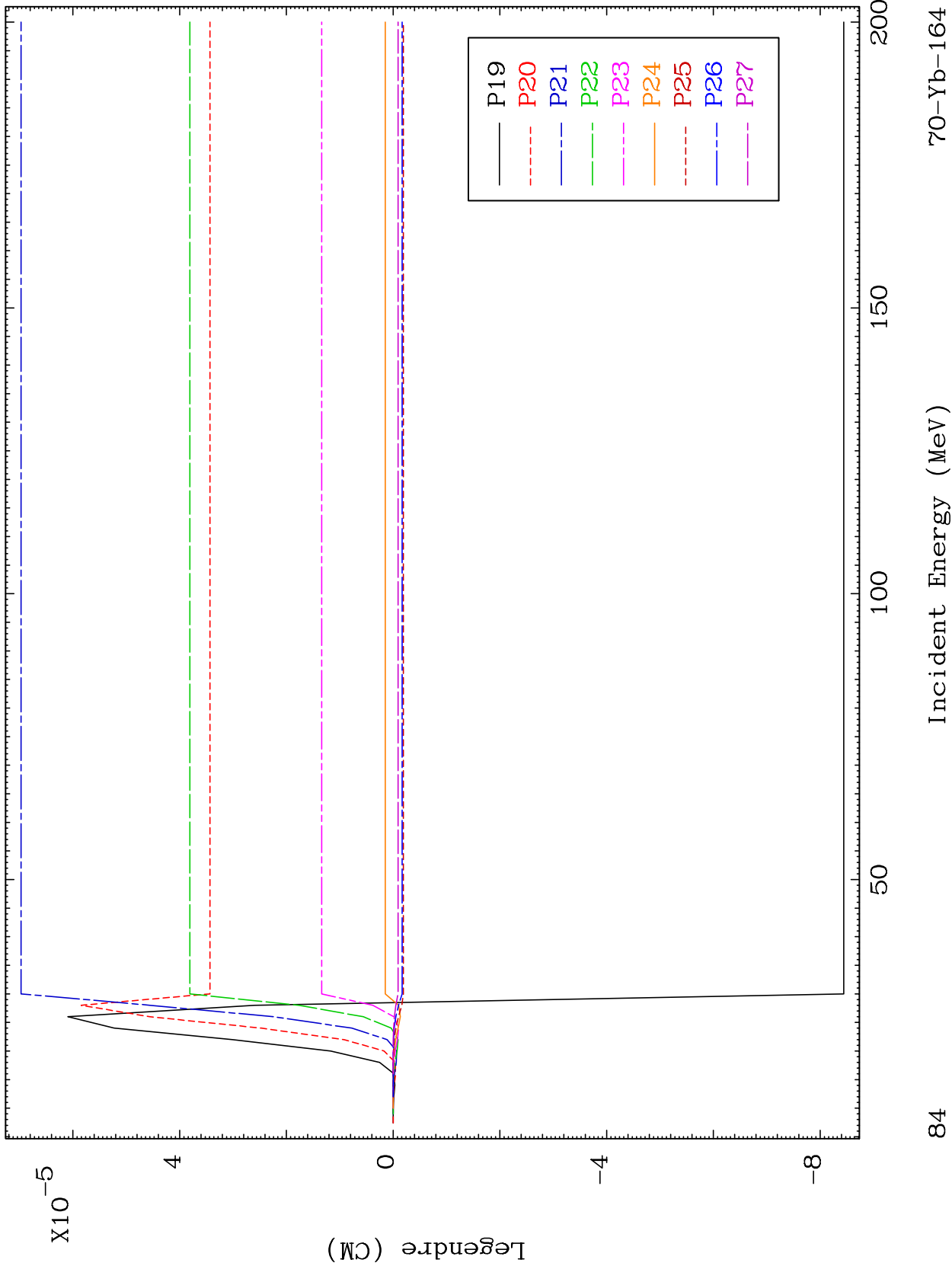
70-Yb-164



MAT 7013

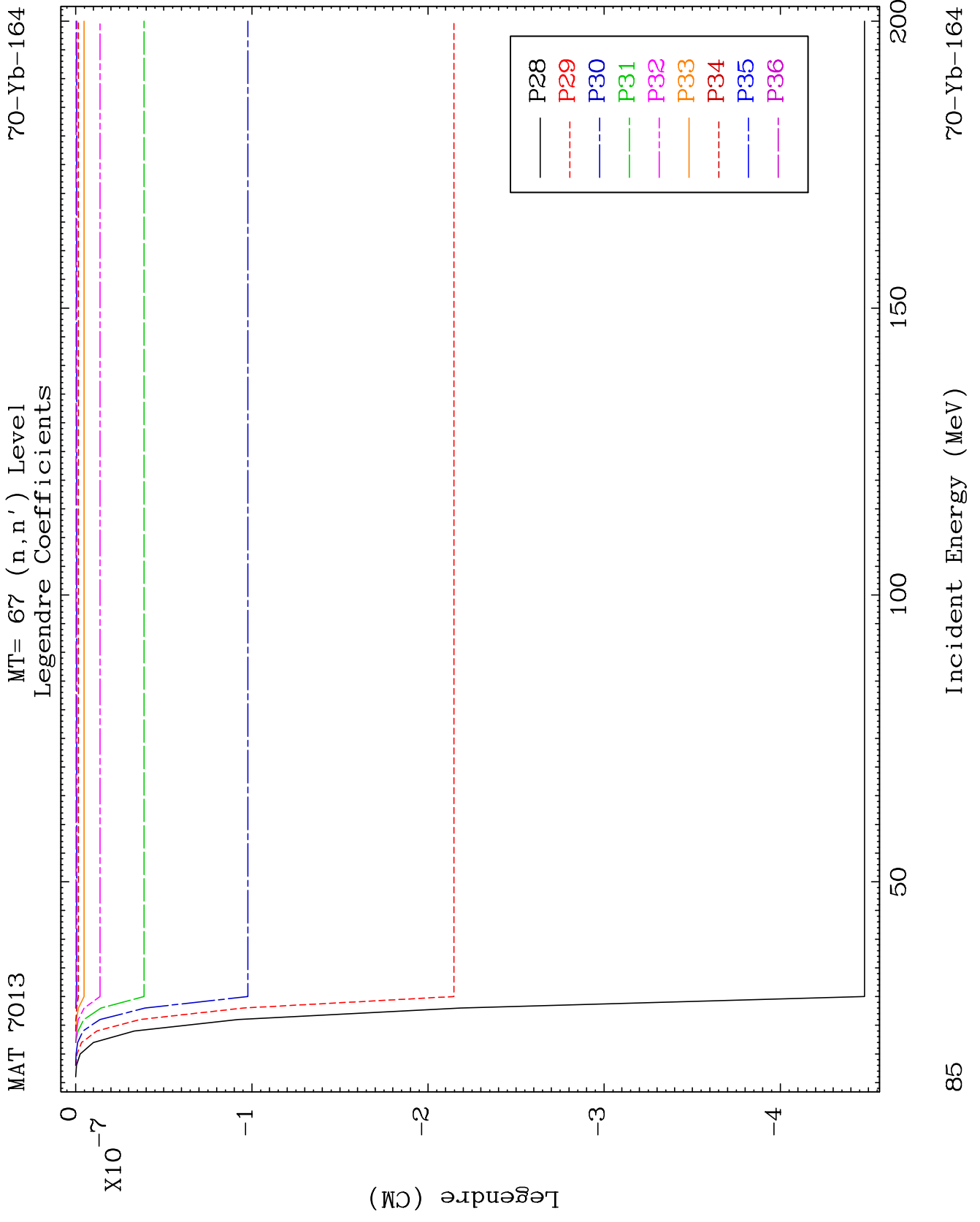
MT= 67 (n,n') Level
Legendre Coefficients

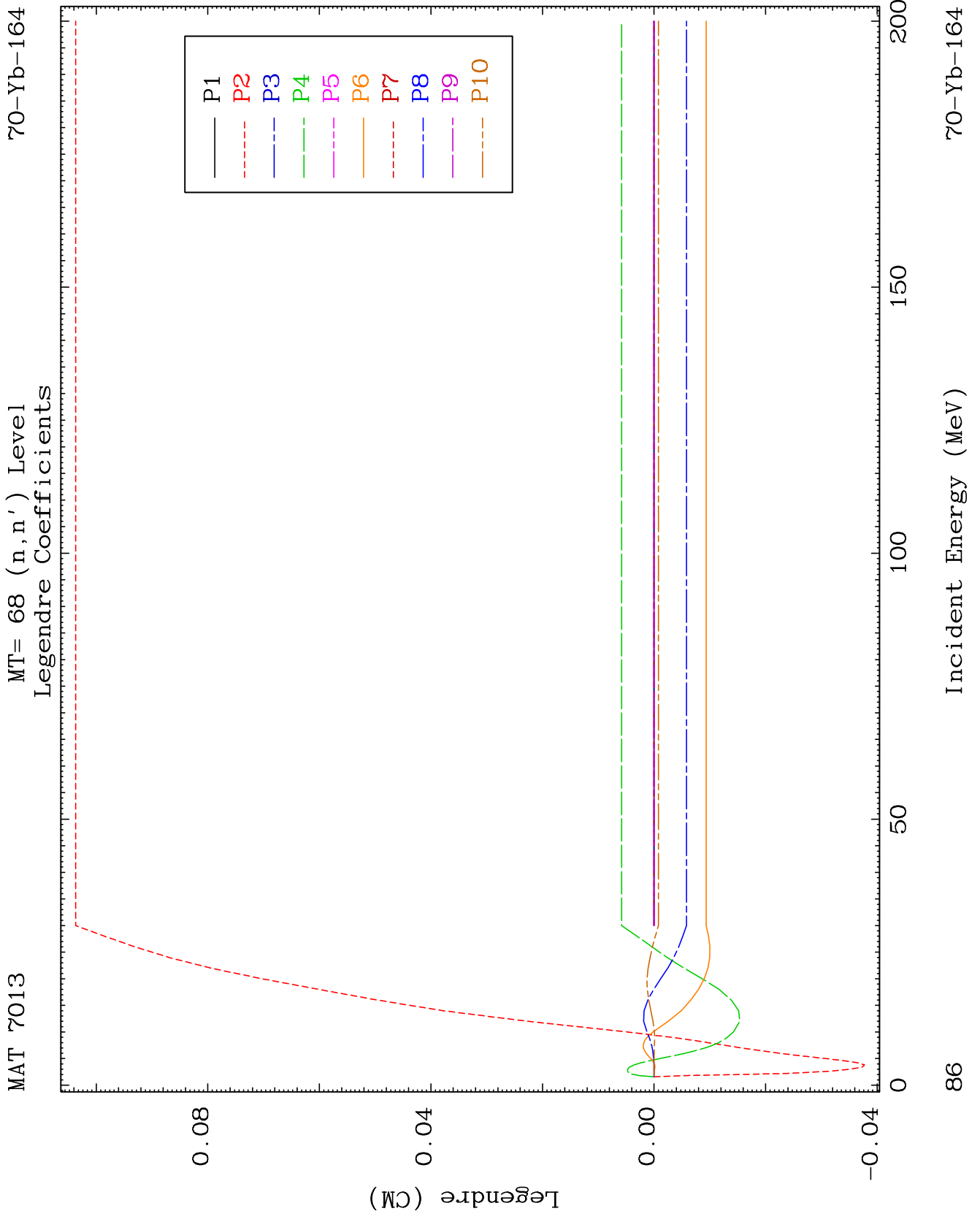
70-Yb-164

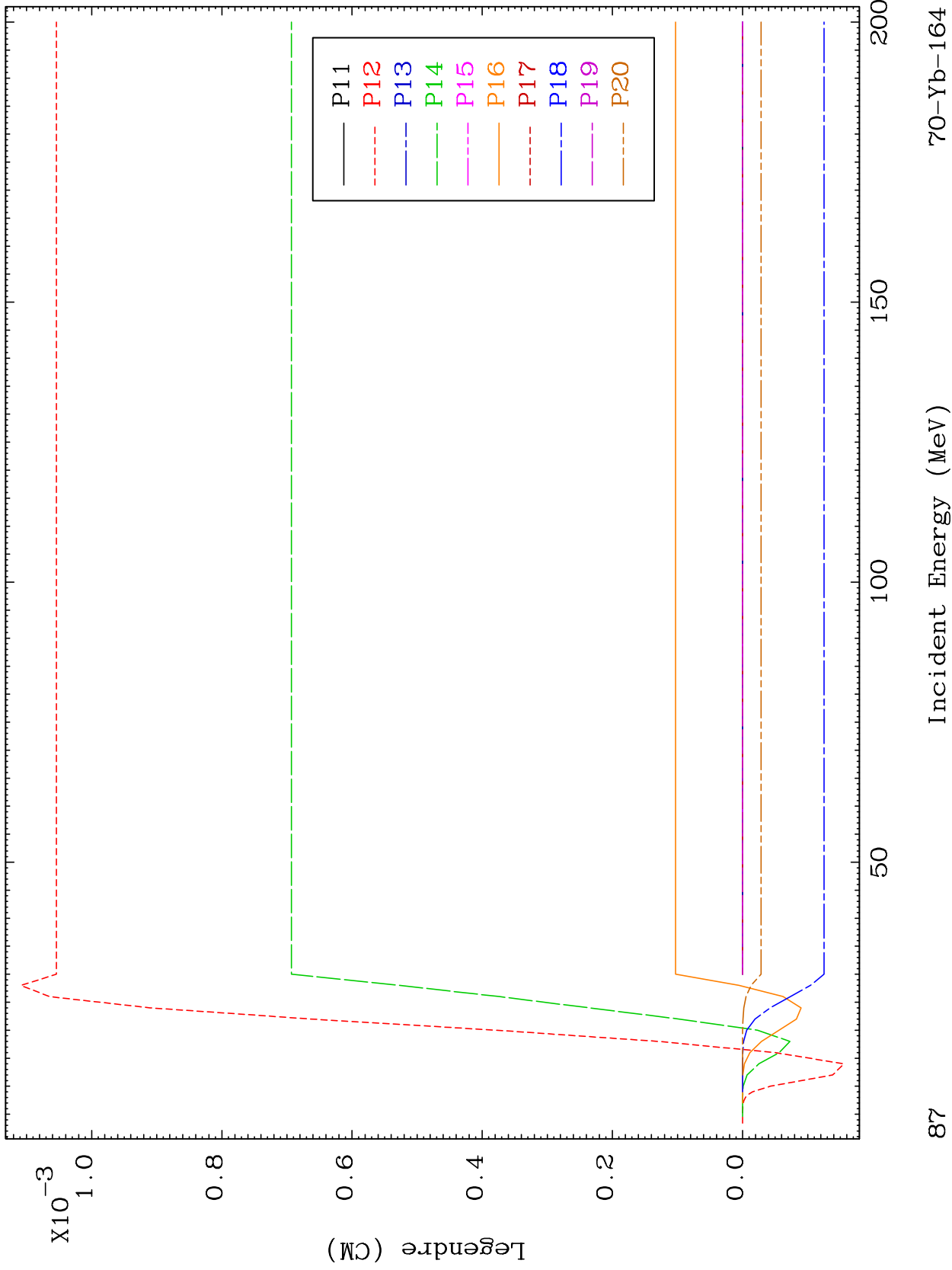


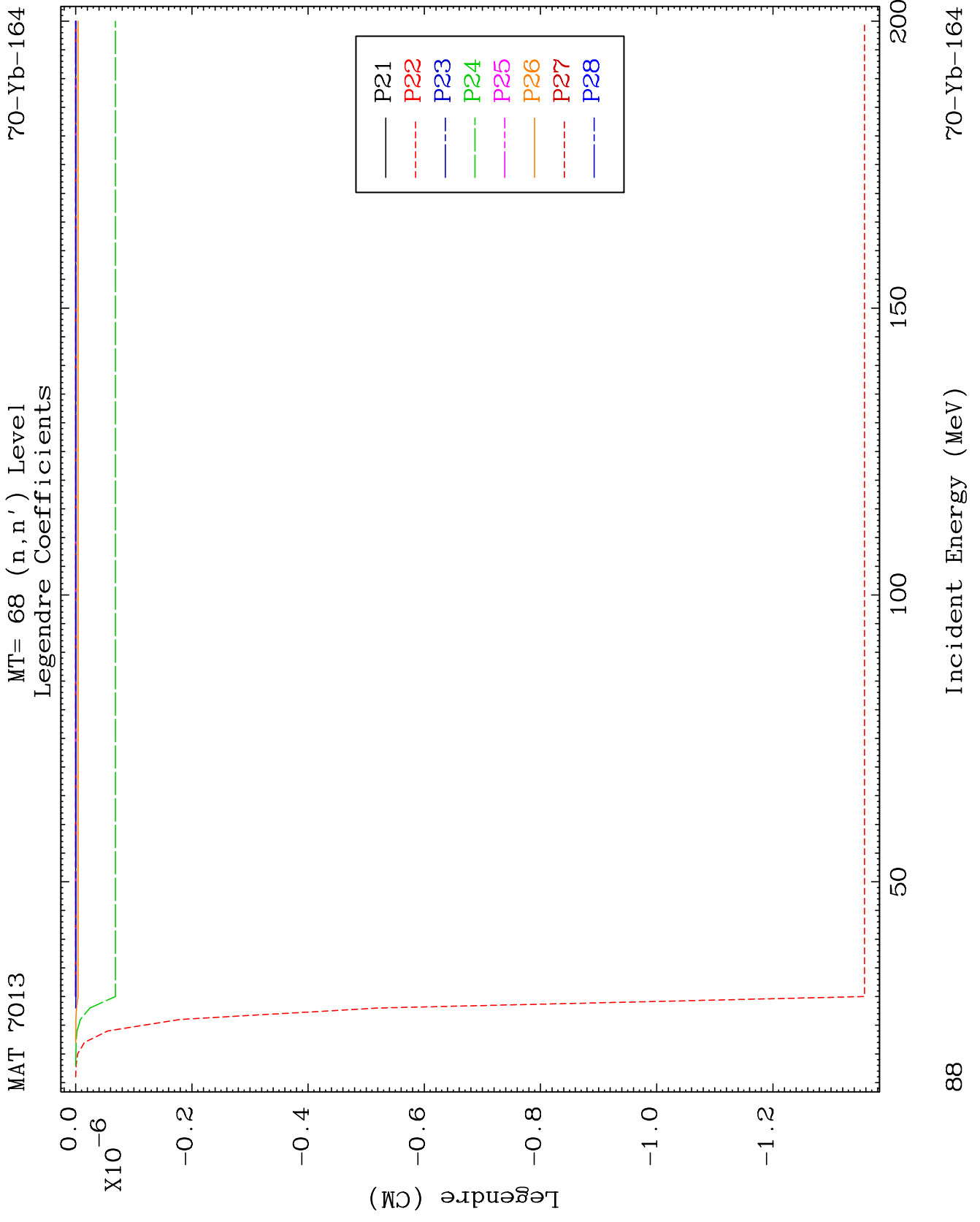
84

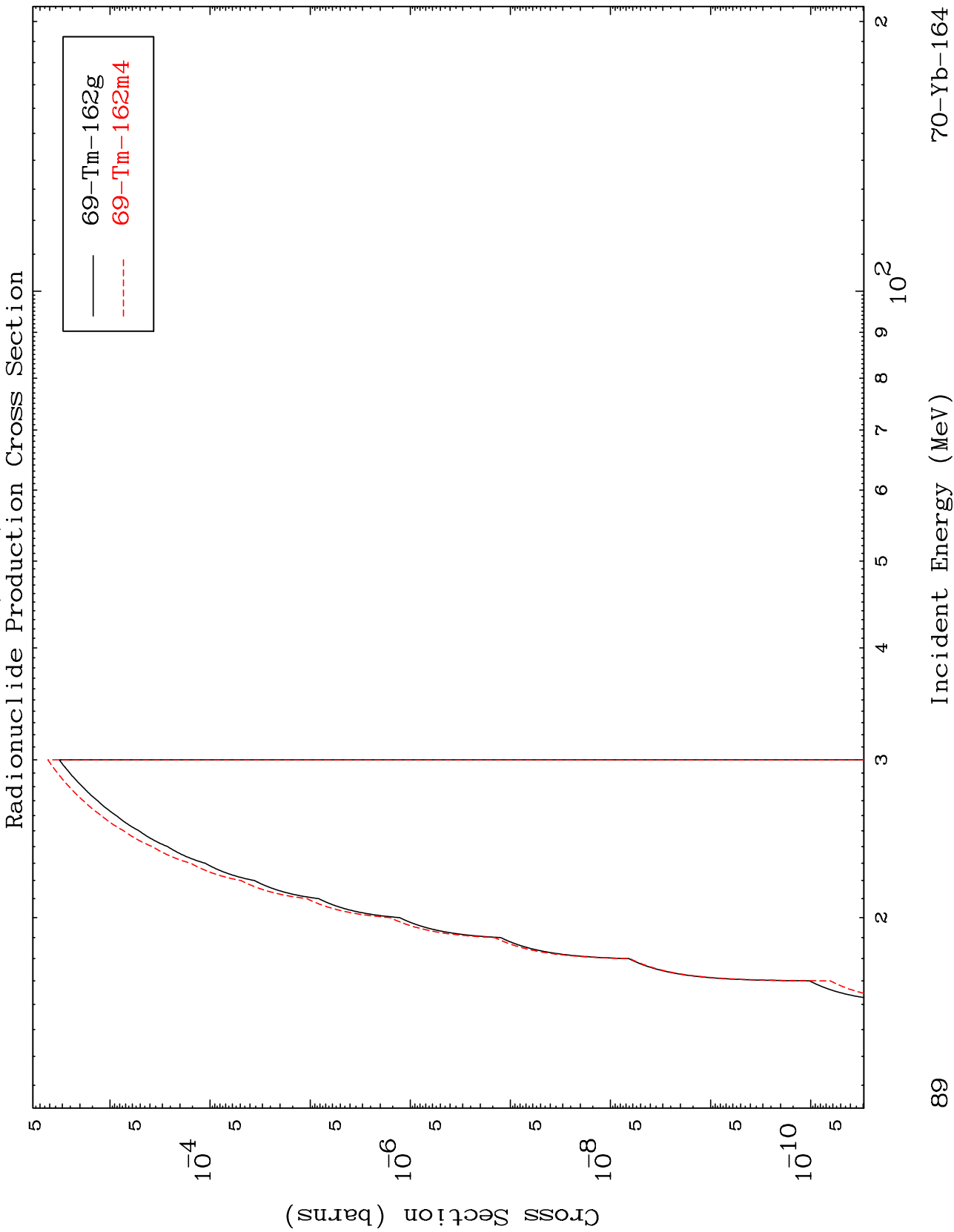
70-Yb-164







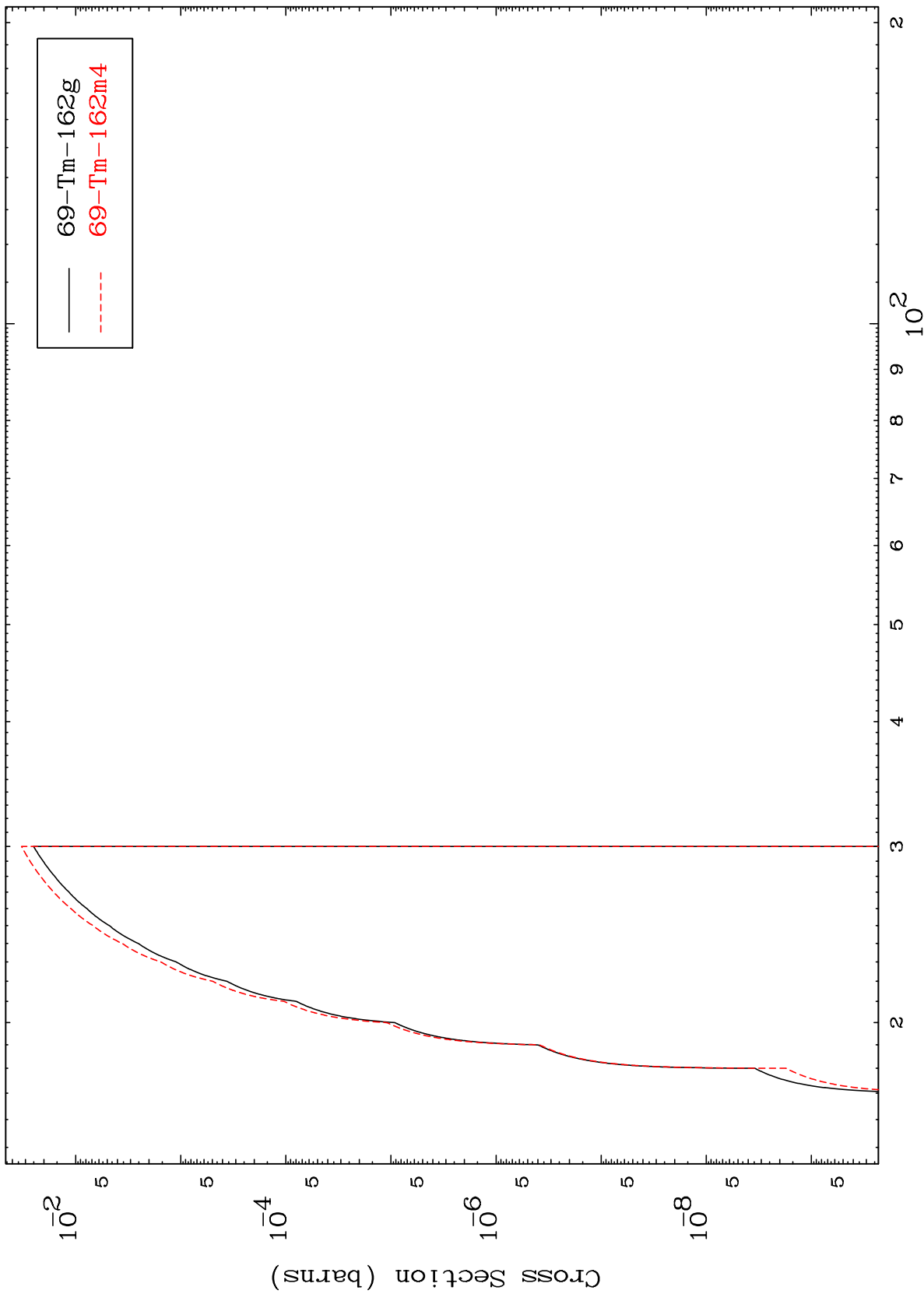




MAT 7013

70-Yb-164

(n,2n) p
Radionuclide Production Cross Section



90

Incident Energy (MeV)

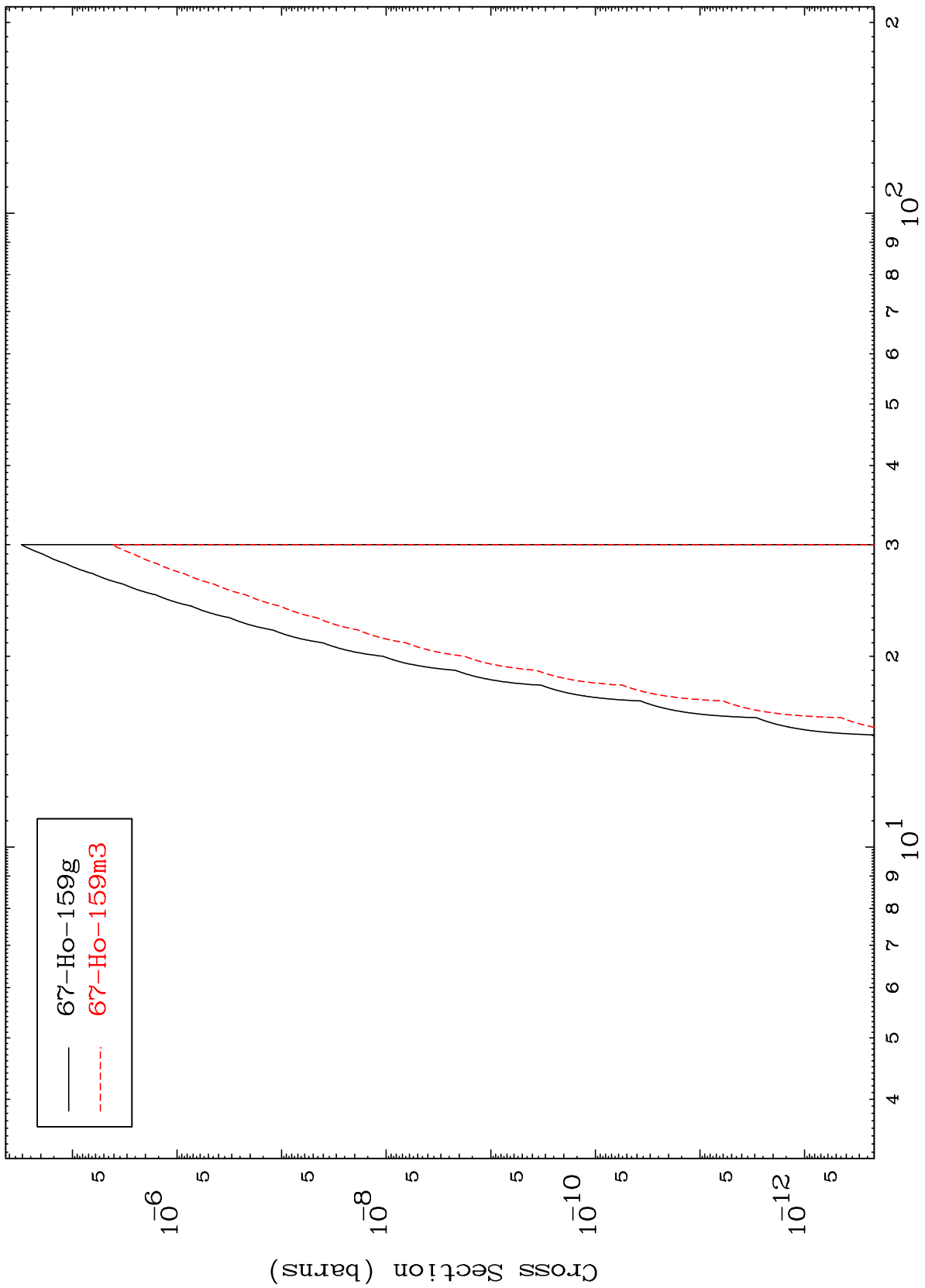
70-Yb-164

MAT 7013

(n,n') p α

70-Yb-164

Radionuclide Production Cross Section



91

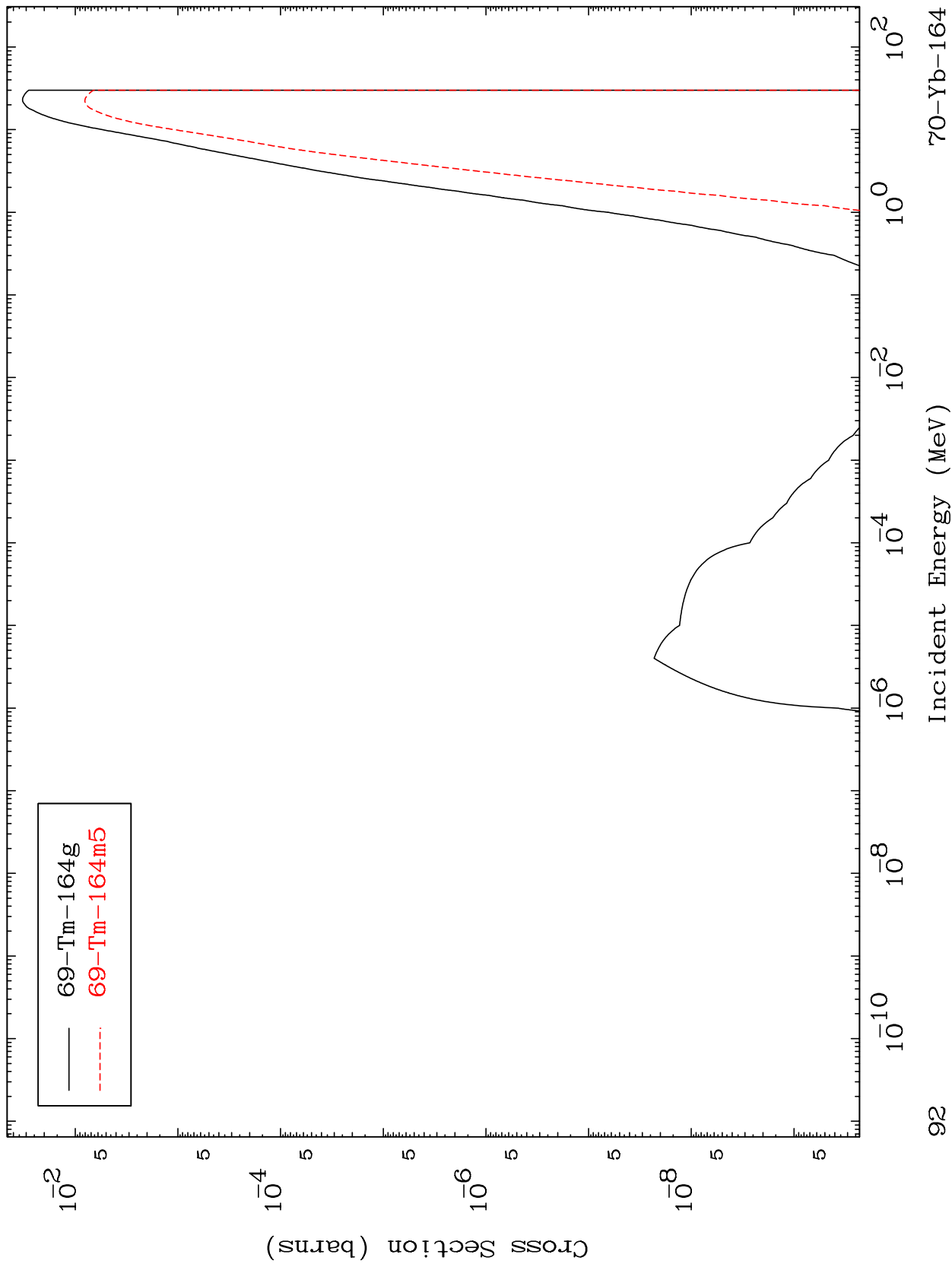
Incident Energy (MeV)

70-Yb-164

MAT 7013

70-Yb-164

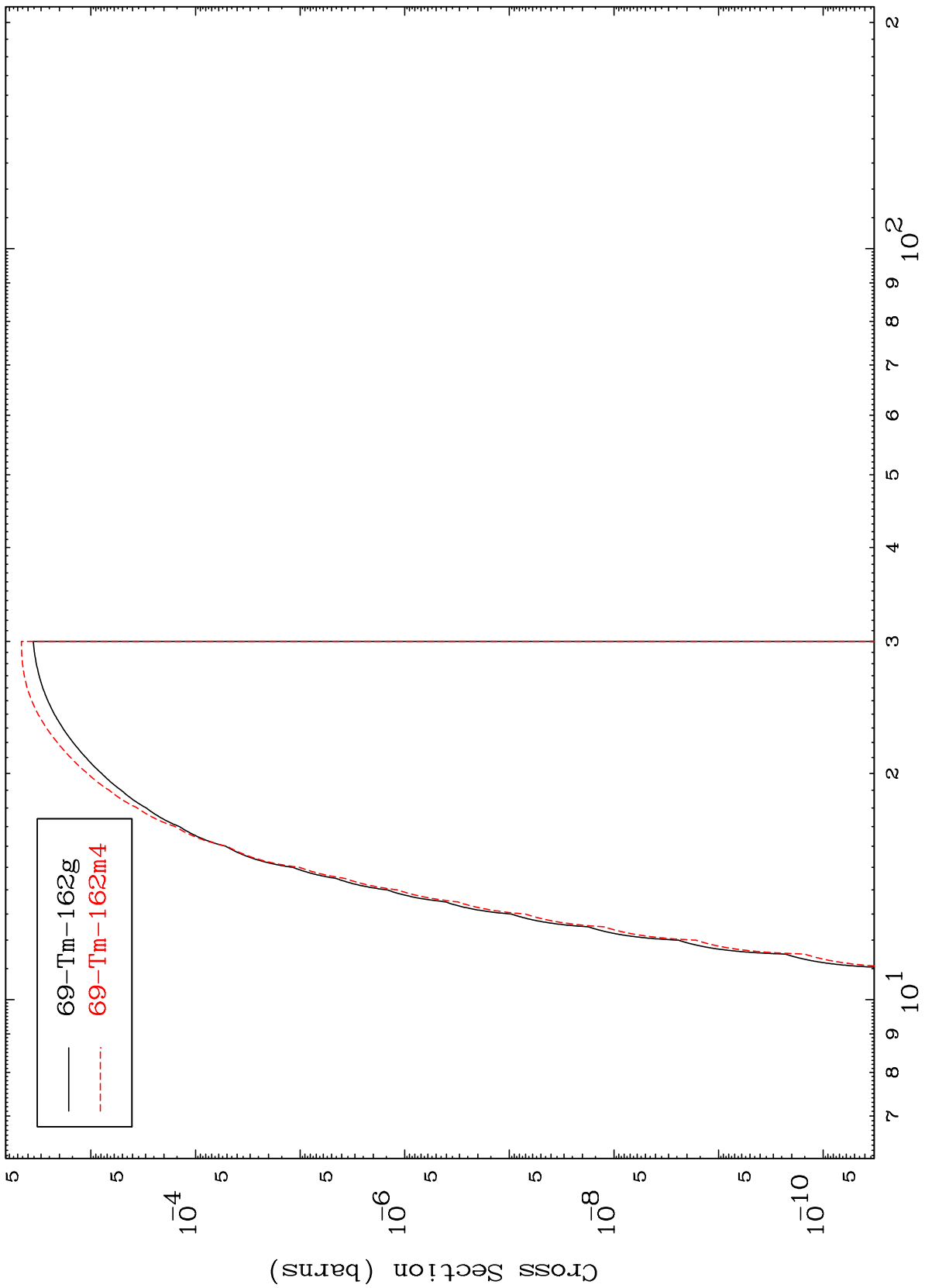
(n,p)
Radionuclide Production Cross Section



MAT 7013

70-Yb-164

(n, t)
Radionuclide Production Cross Section



93

Incident Energy (MeV)

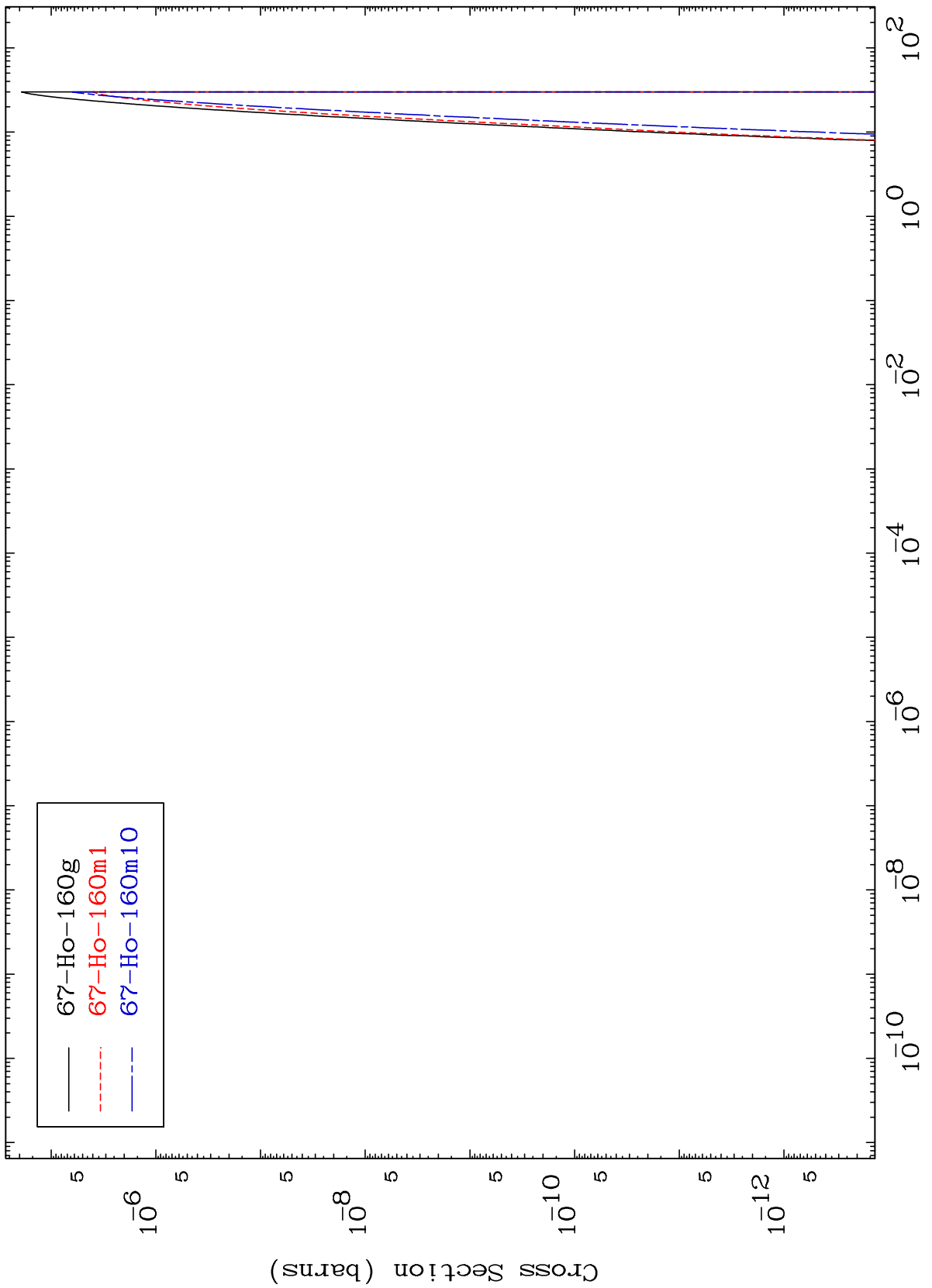
70-Yb-164

MAT 7013

(n,p) α

⁷⁰Yb-164

Radionuclide Production Cross Section

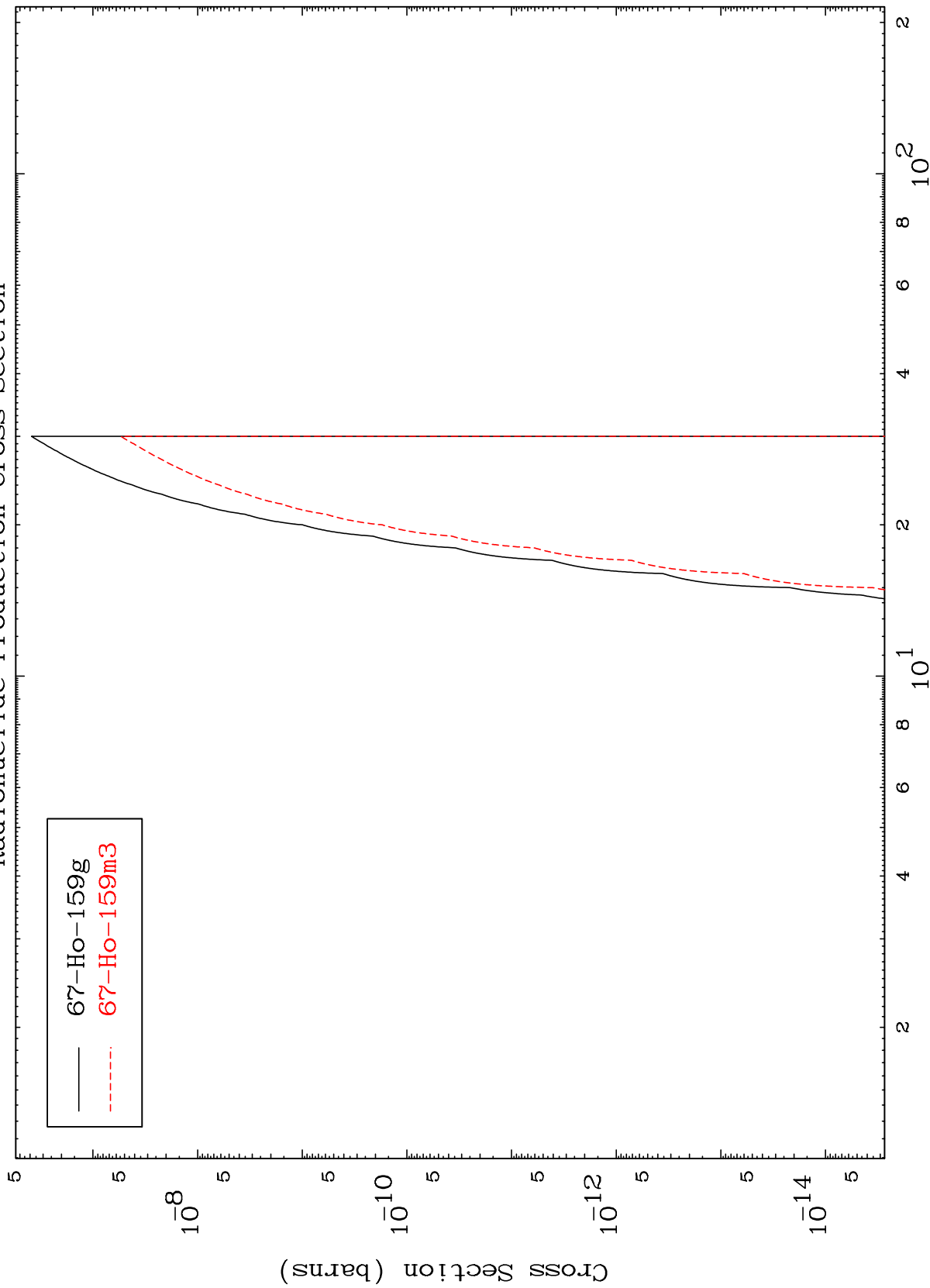


MAT 7013

(n,d) α

70-Yb-164

Radionuclide Production Cross Section



95

Incident Energy (MeV)

70-Yb-164