

Program EVALPLOT
(Version 2021-1)

by

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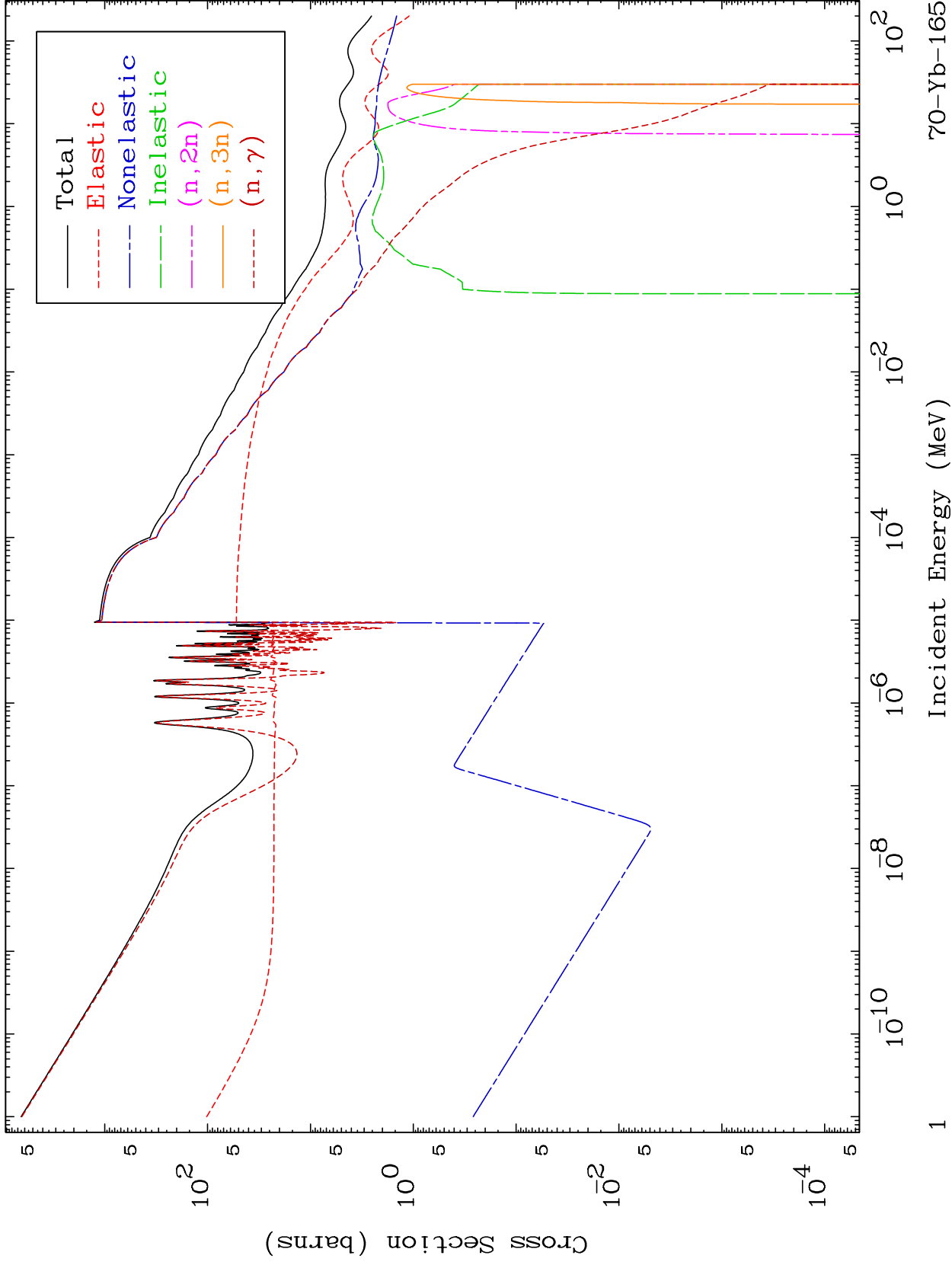
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Press Mouse Button to Start

MAT 7016

Neutron Major
293 Kelvin Cross Sections

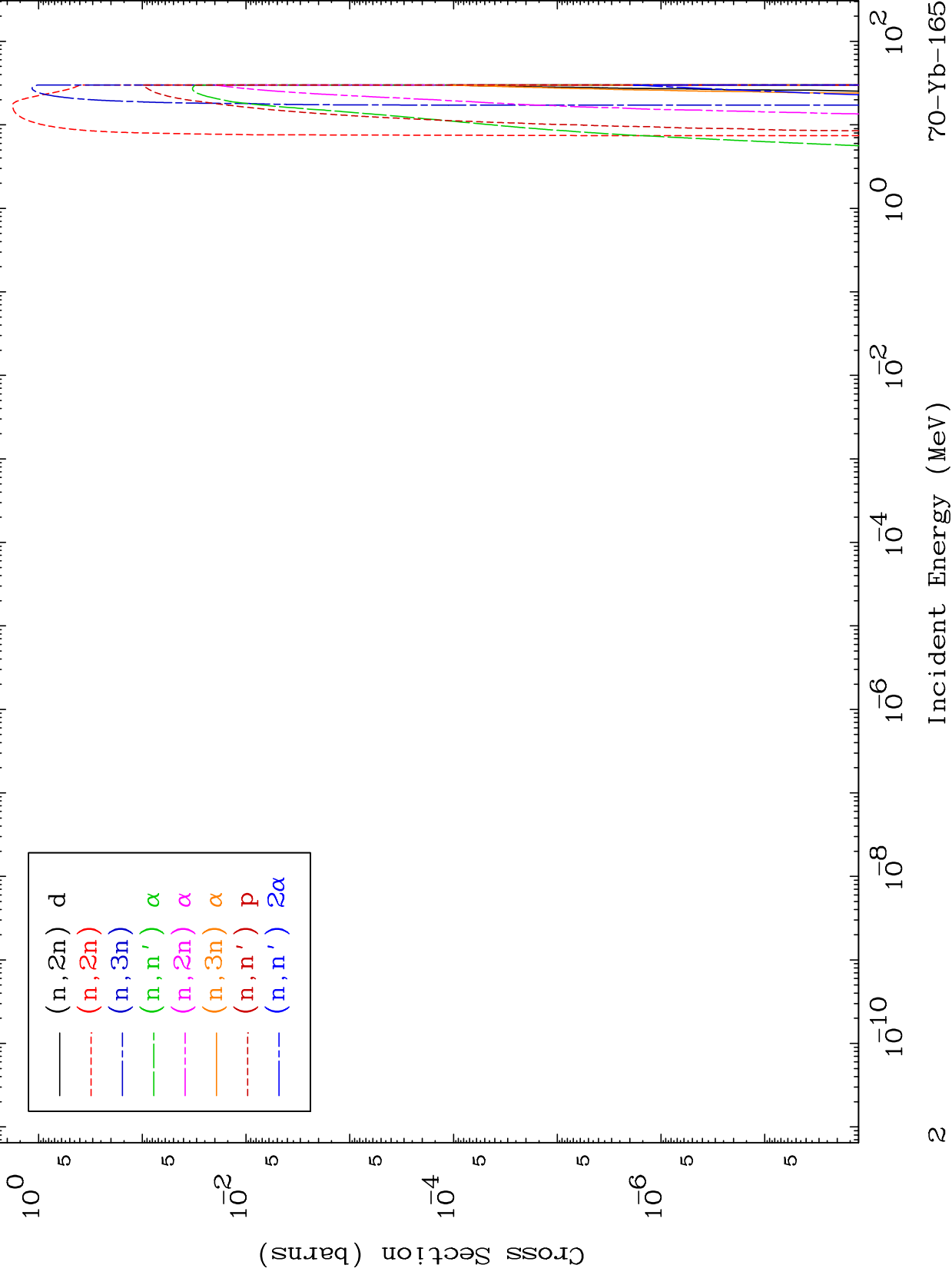
70-Yb-165



MAT 7016

Neutron Absorption
293 Kelvin Cross Sections

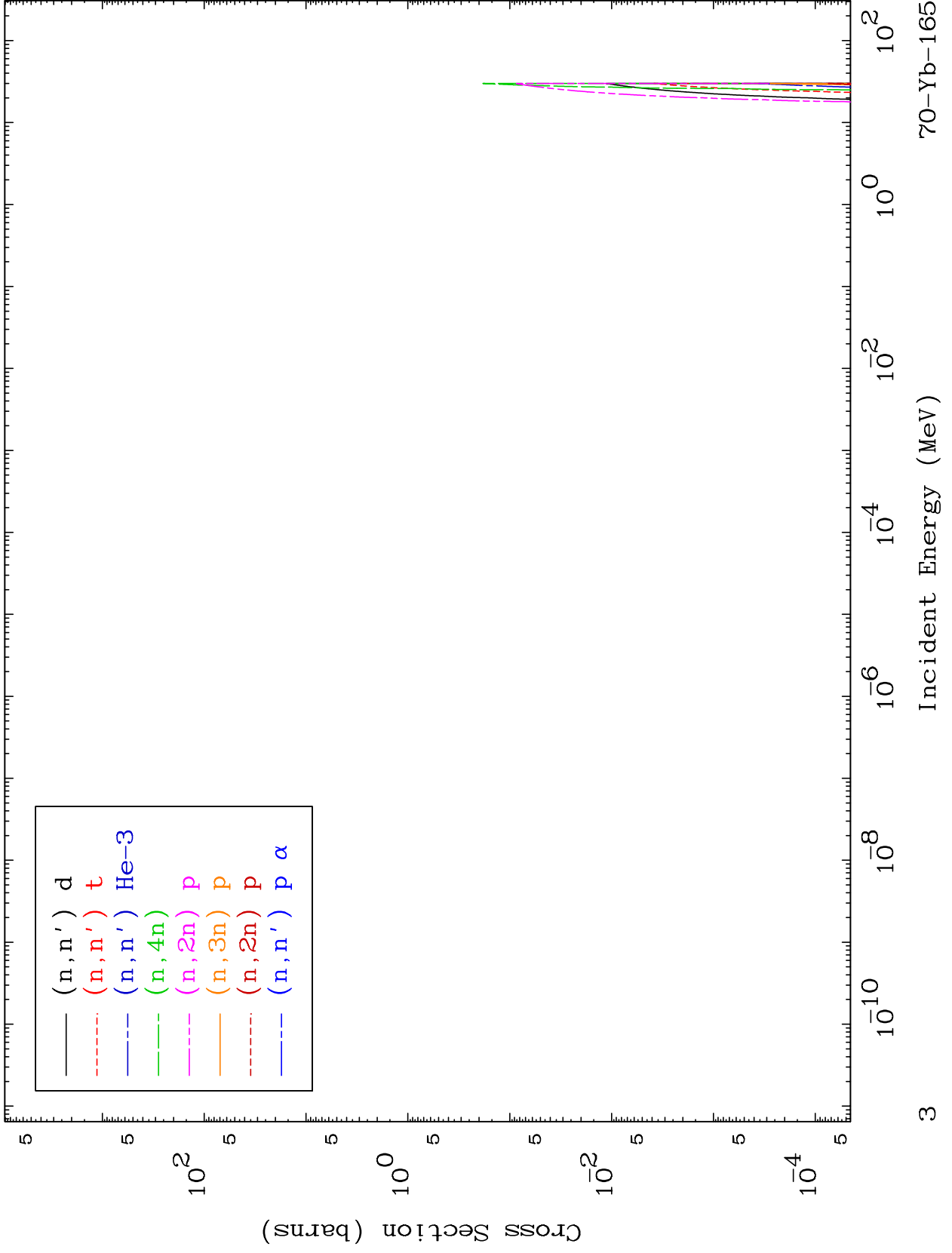
70-Yb-165



MAT 7016

Neutron Absorption
293 Kelvin Cross Sections

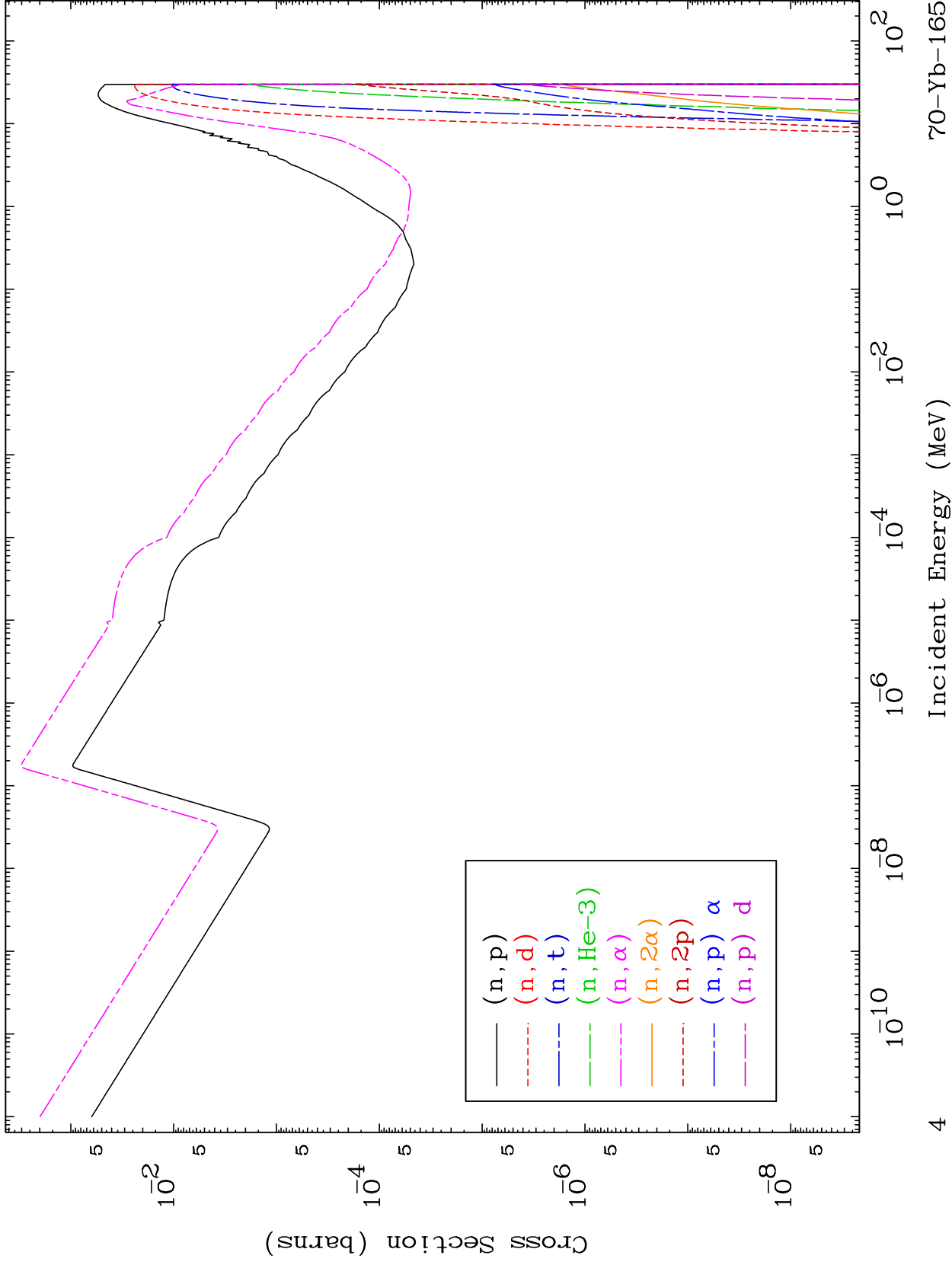
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MAT 7016

Neutron Absorption
293 Kelvin Cross Sections

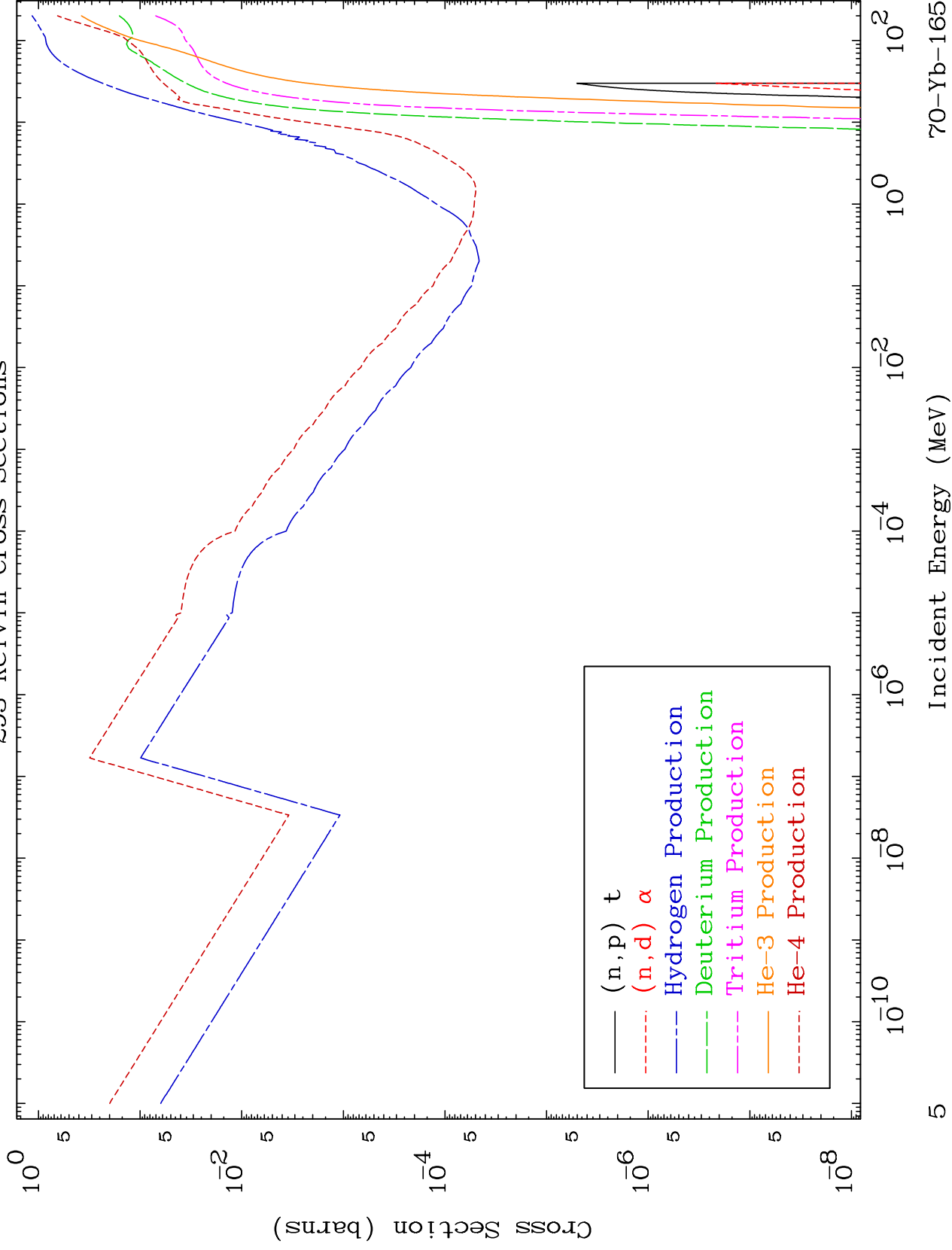
70-Yb-165



MAT 7016

Neutron Absorption
293 Kelvin Cross Sections

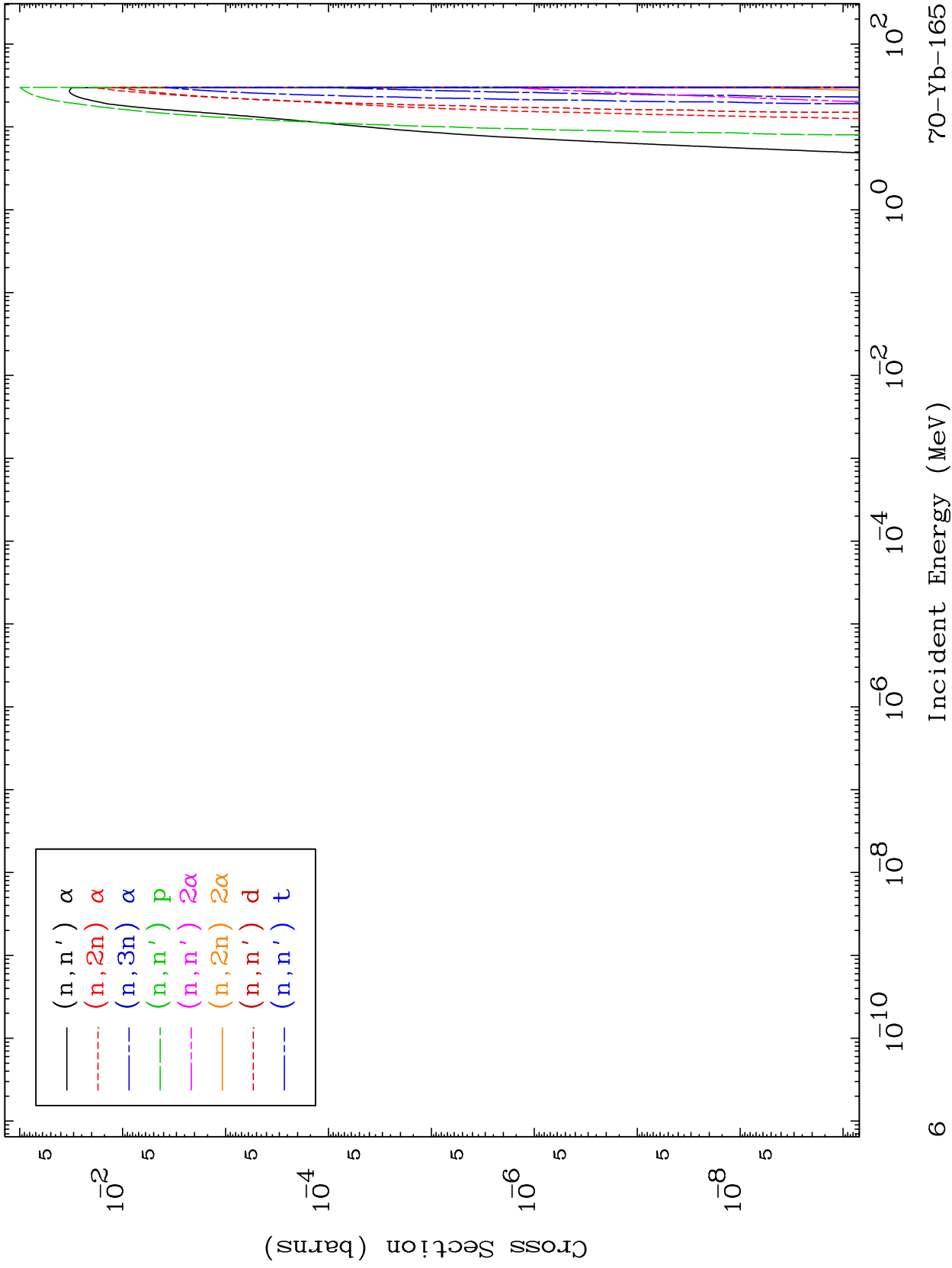
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MAT 7016

Charged Particle
293 Kelvin Cross Sections

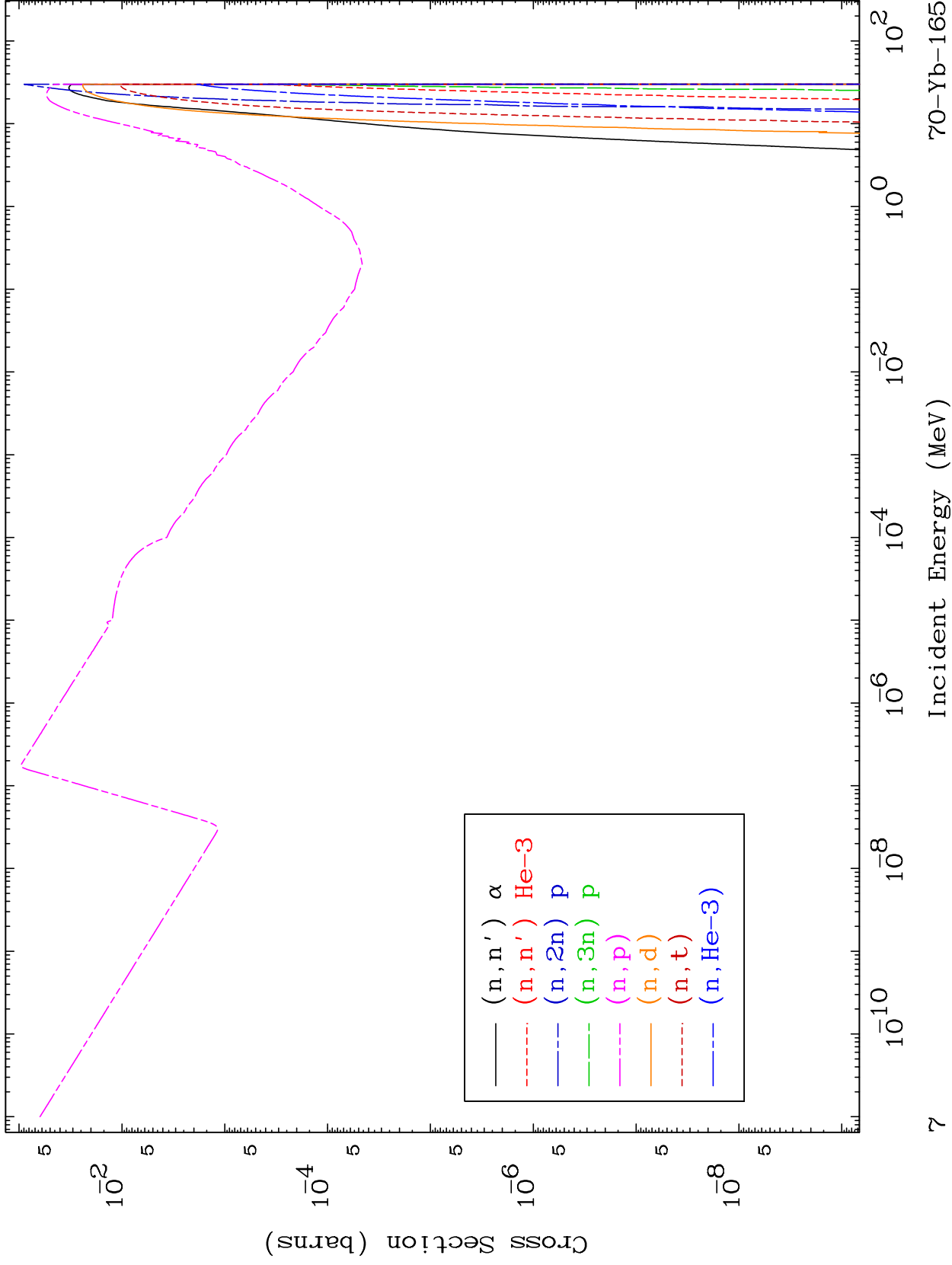
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MAT 7016

Charged Particle
293 Kelvin Cross Sections

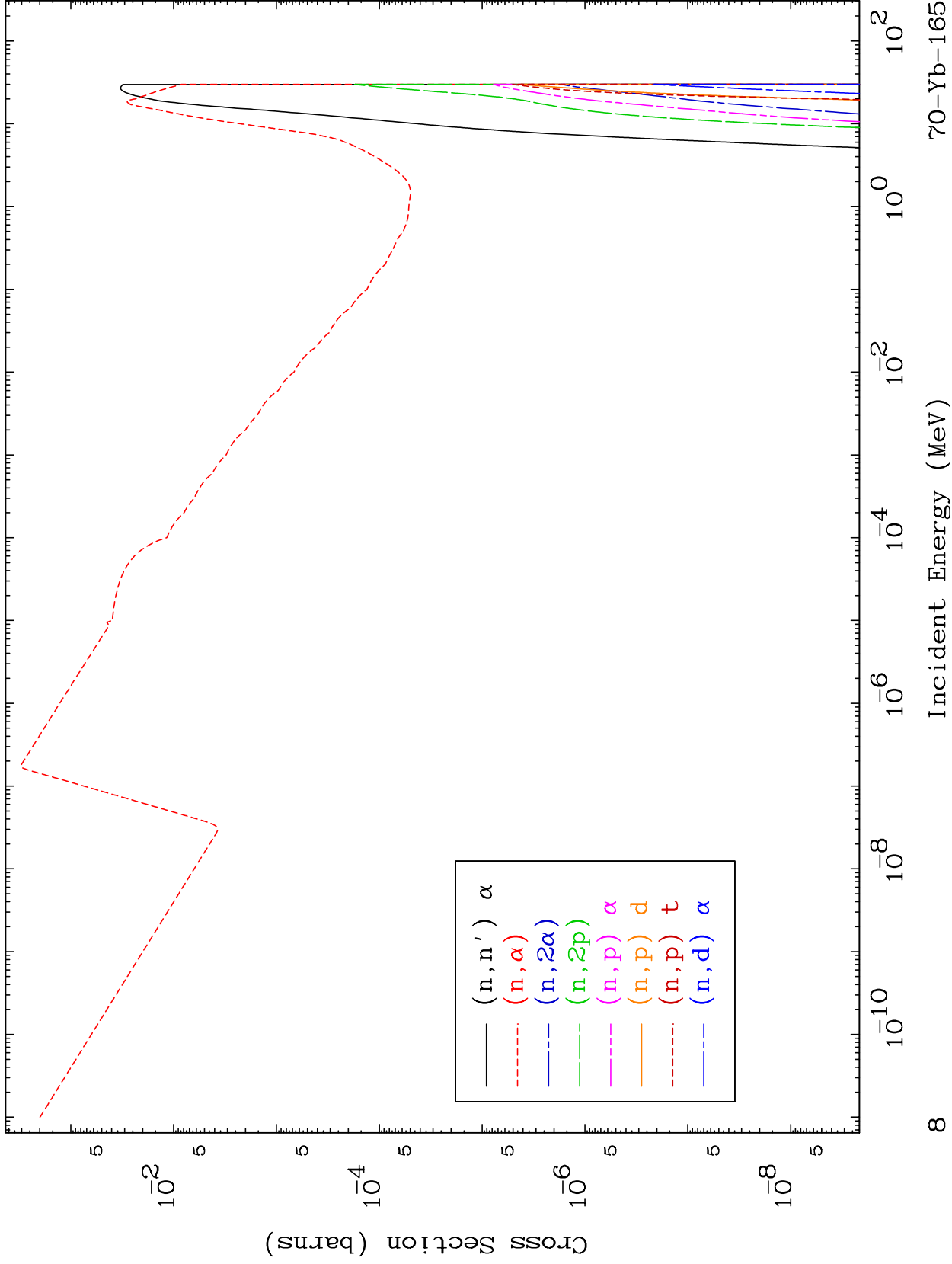
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MAT 7016

Charged Particle
293 Kelvin Cross Sections

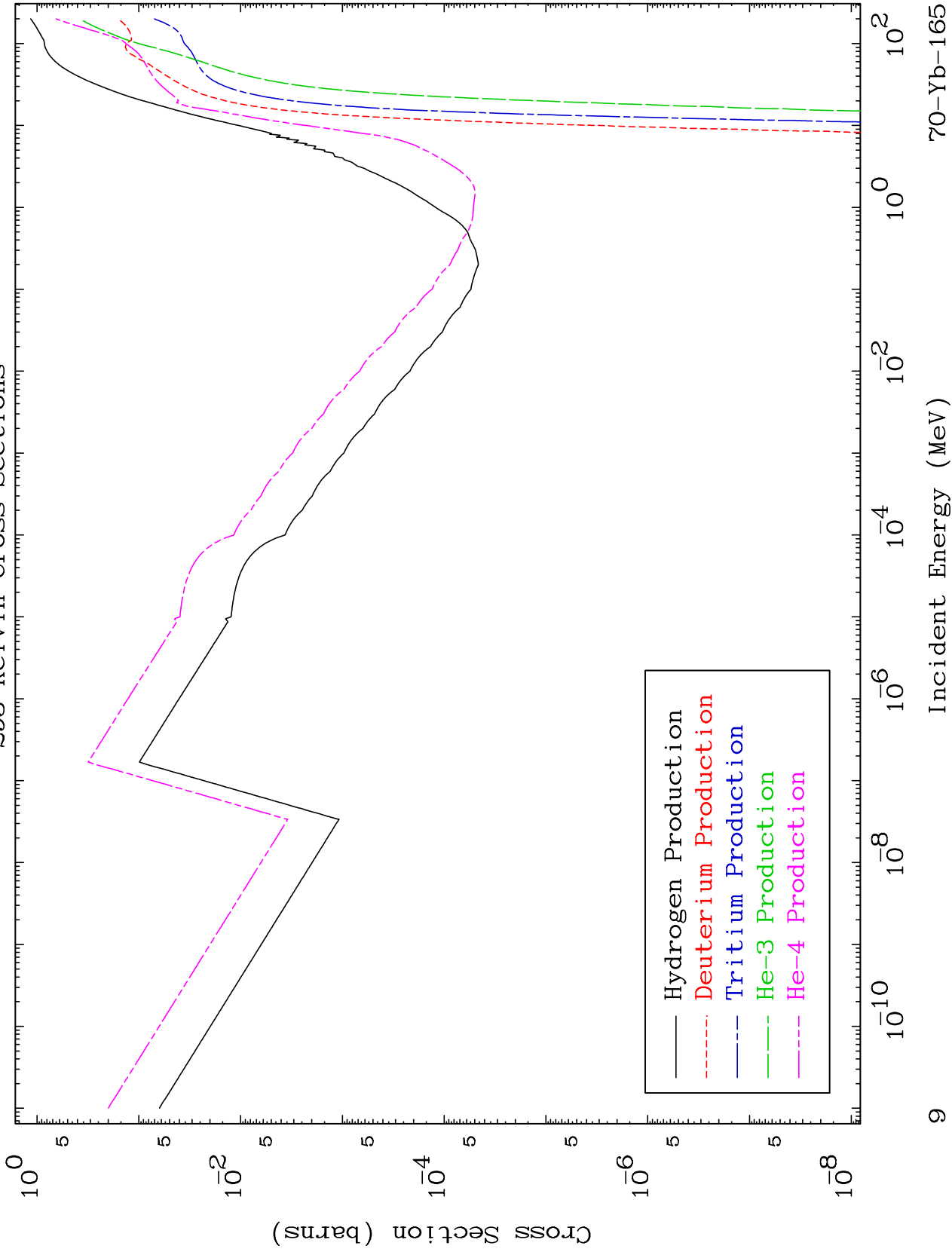
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MAT 7016

Particle Production
293 Kelvin Cross Sections

70-Yb-165

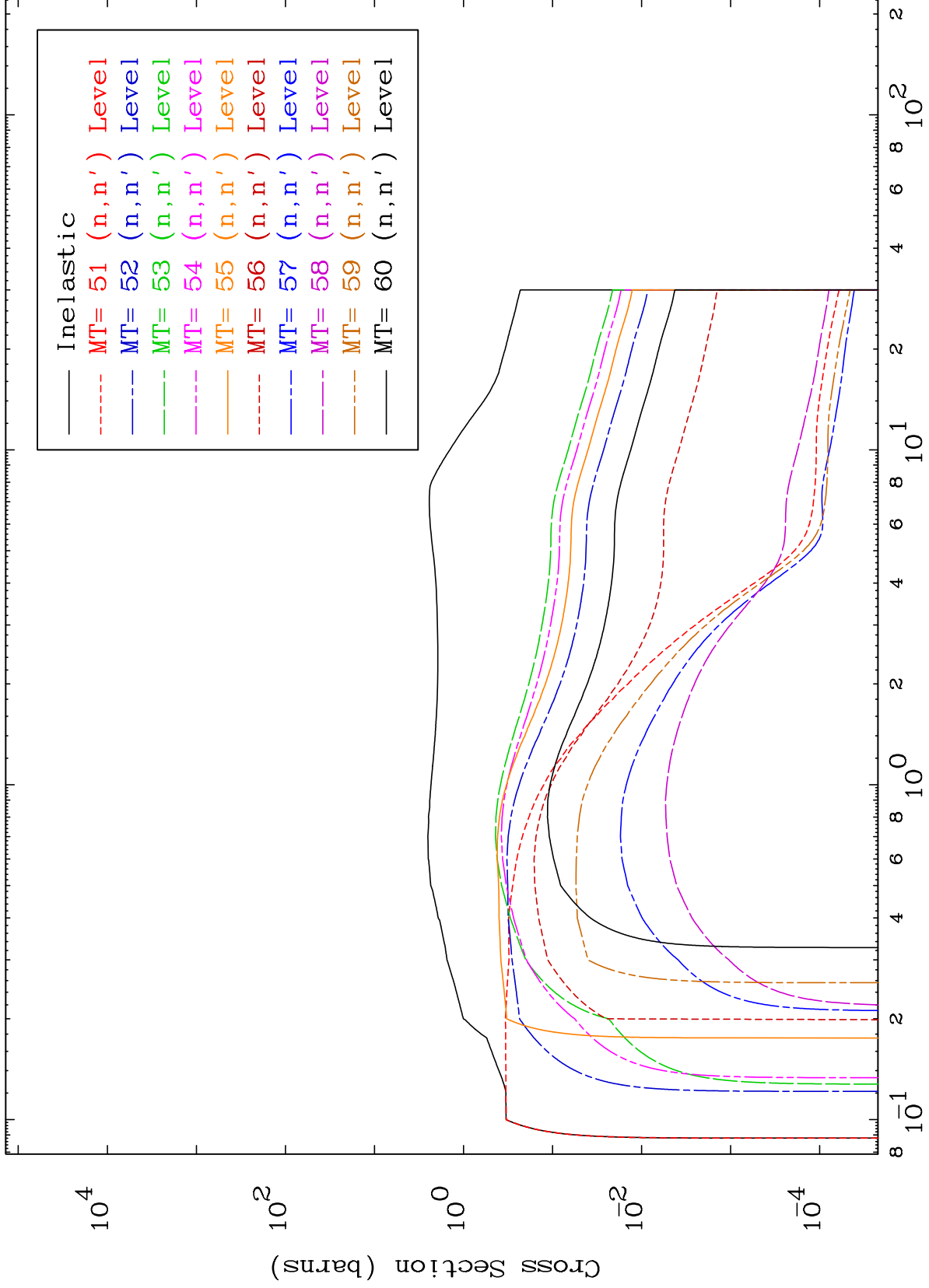


MAT 7016

(n,n') Levels

70-Yb-165

293 Kelvin Cross Sections



Incident Energy (MeV)

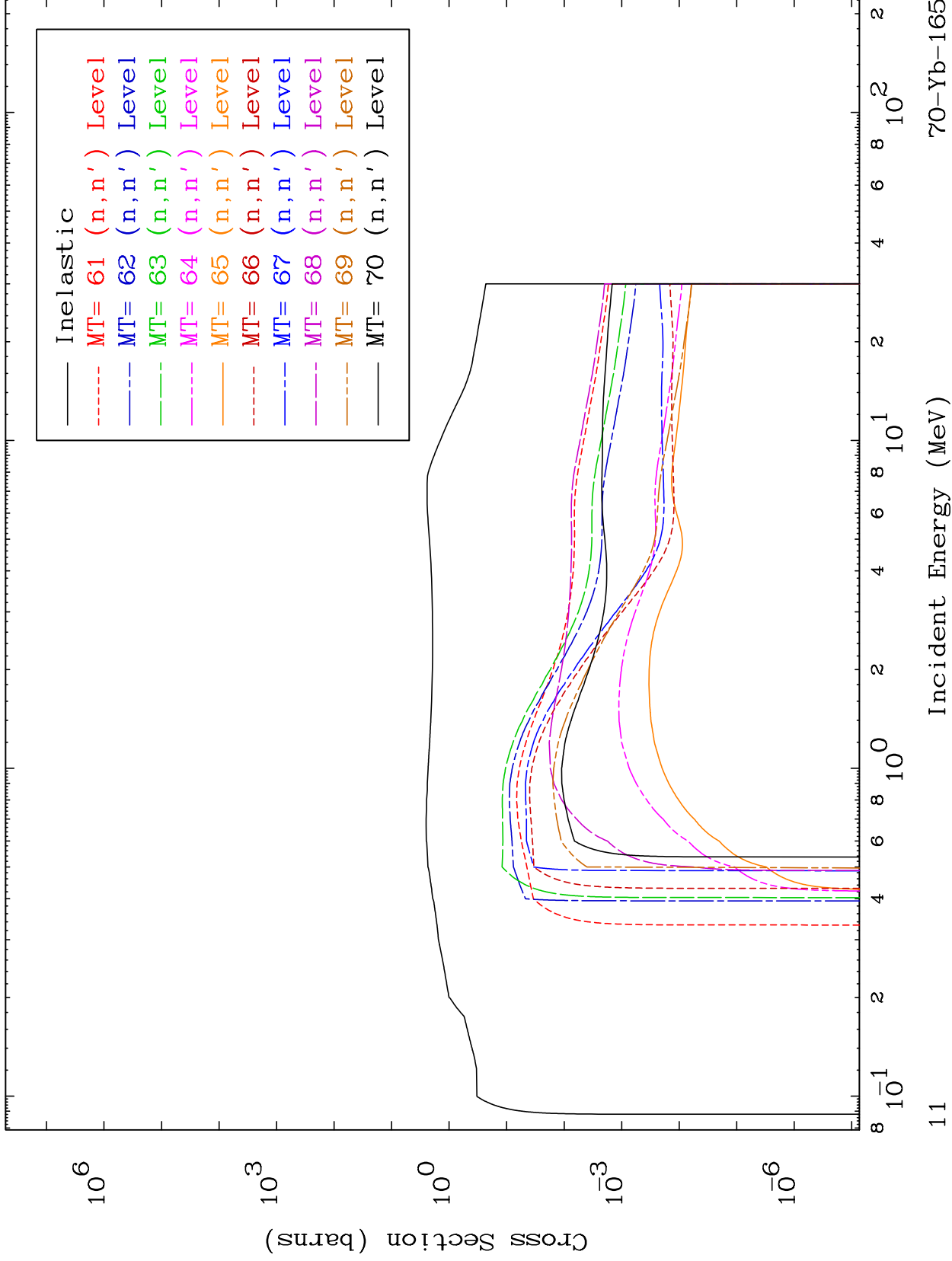
70-Yb-165

MAT 7016

(n,n') Levels

70-Yb-165

293 Kelvin Cross Sections



11

Incident Energy (MeV)

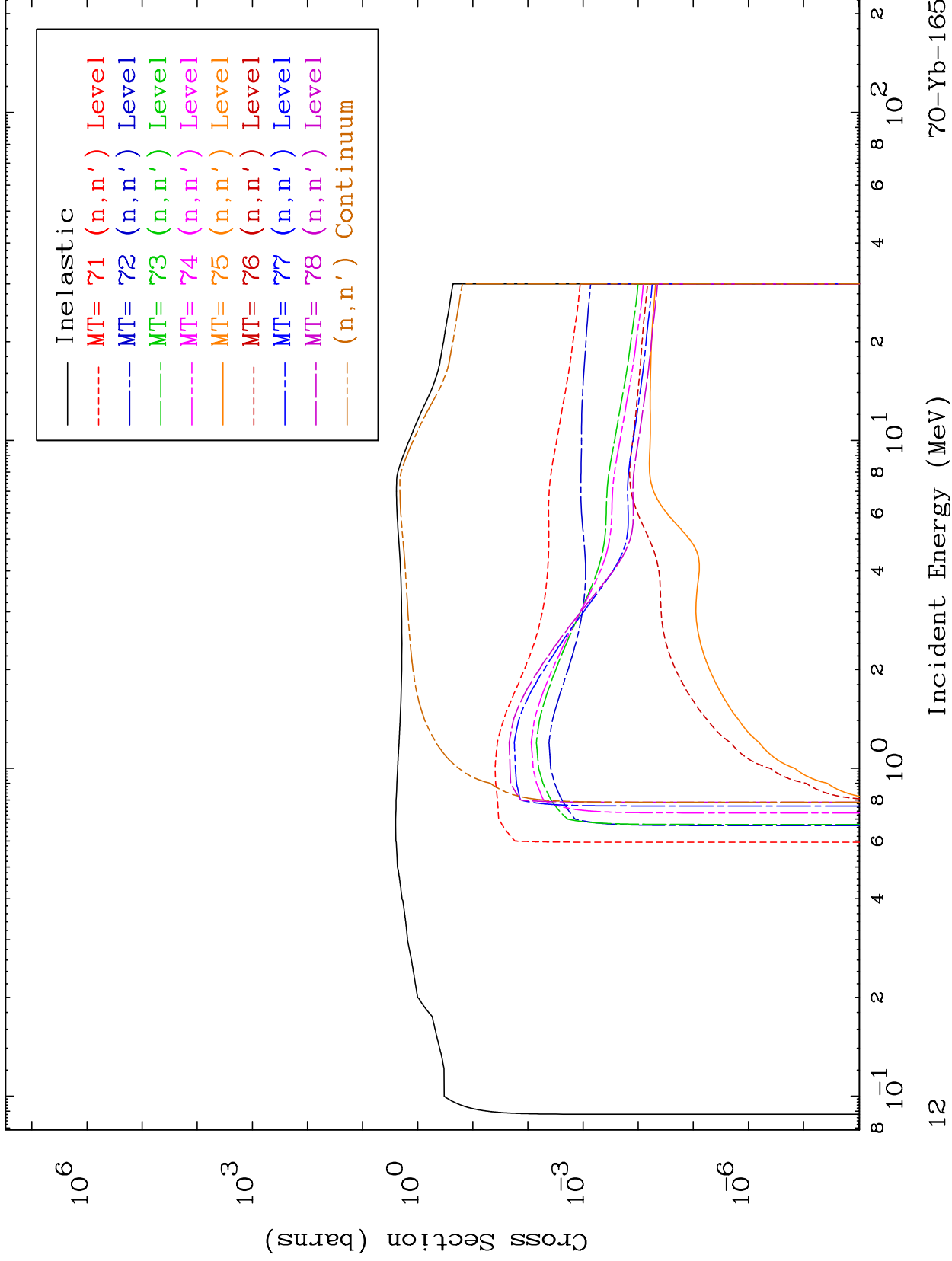
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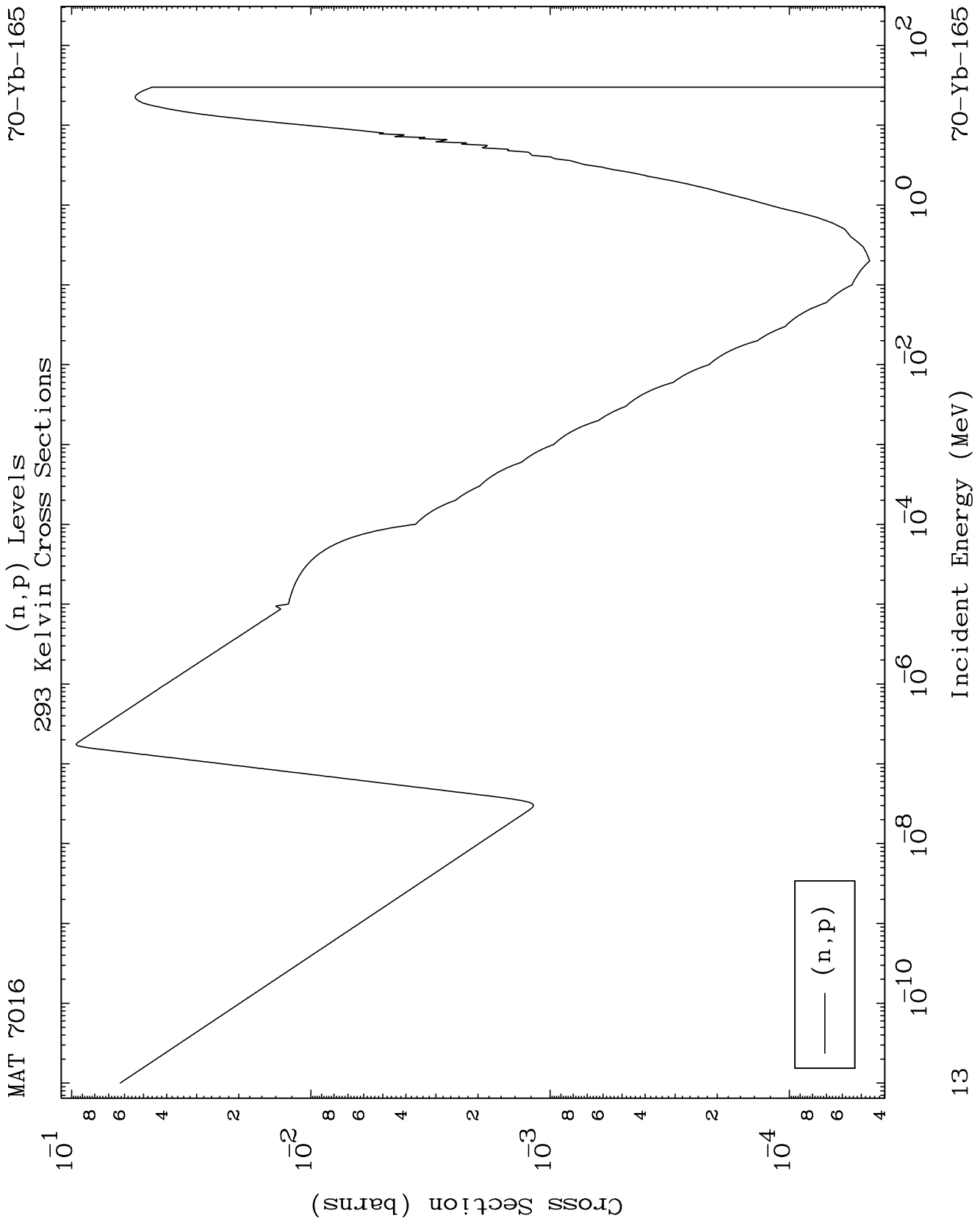
MAT 7016

(n,n') Levels

70-Yb-165

293 Kelvin Cross Sections

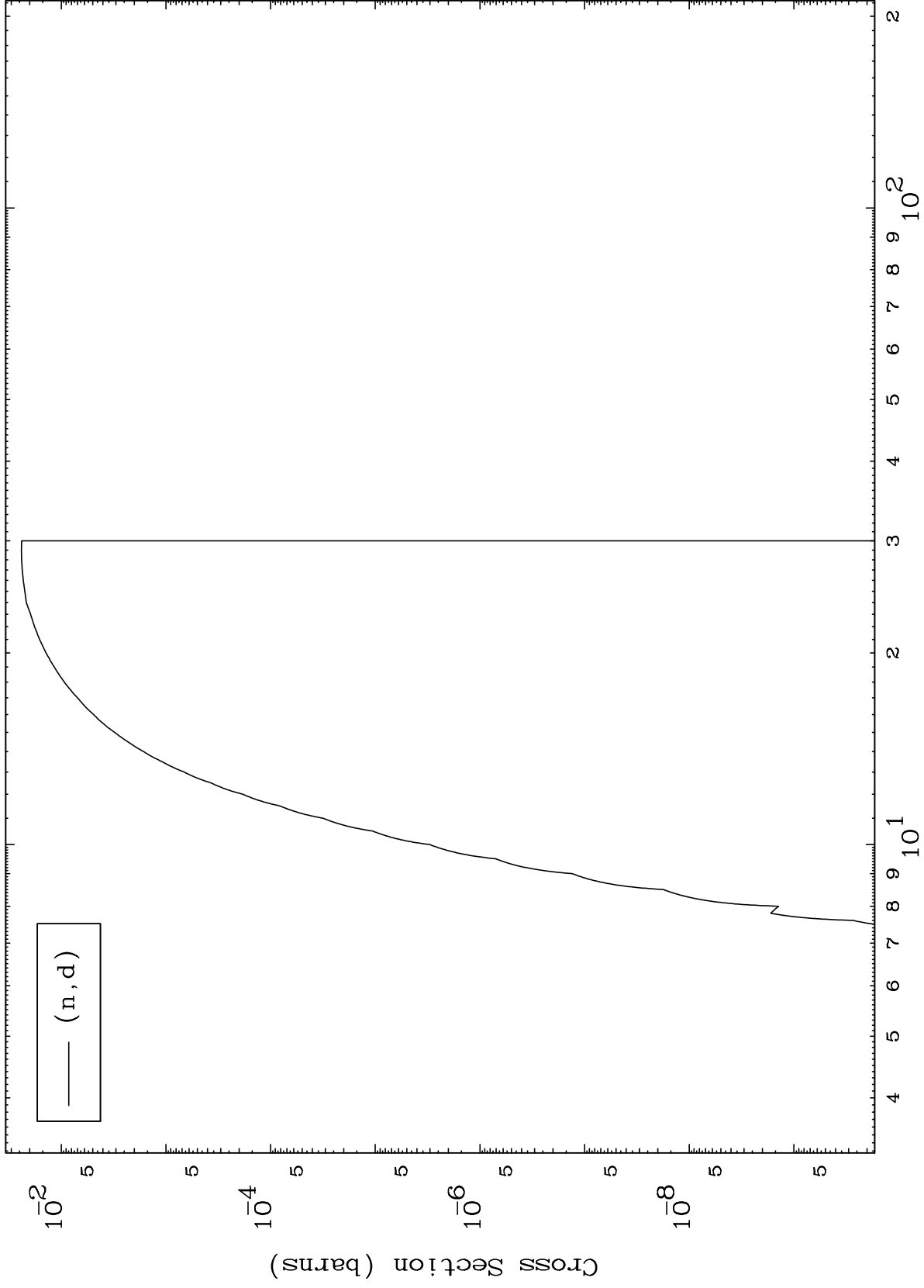




MAT 7016

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-165



14

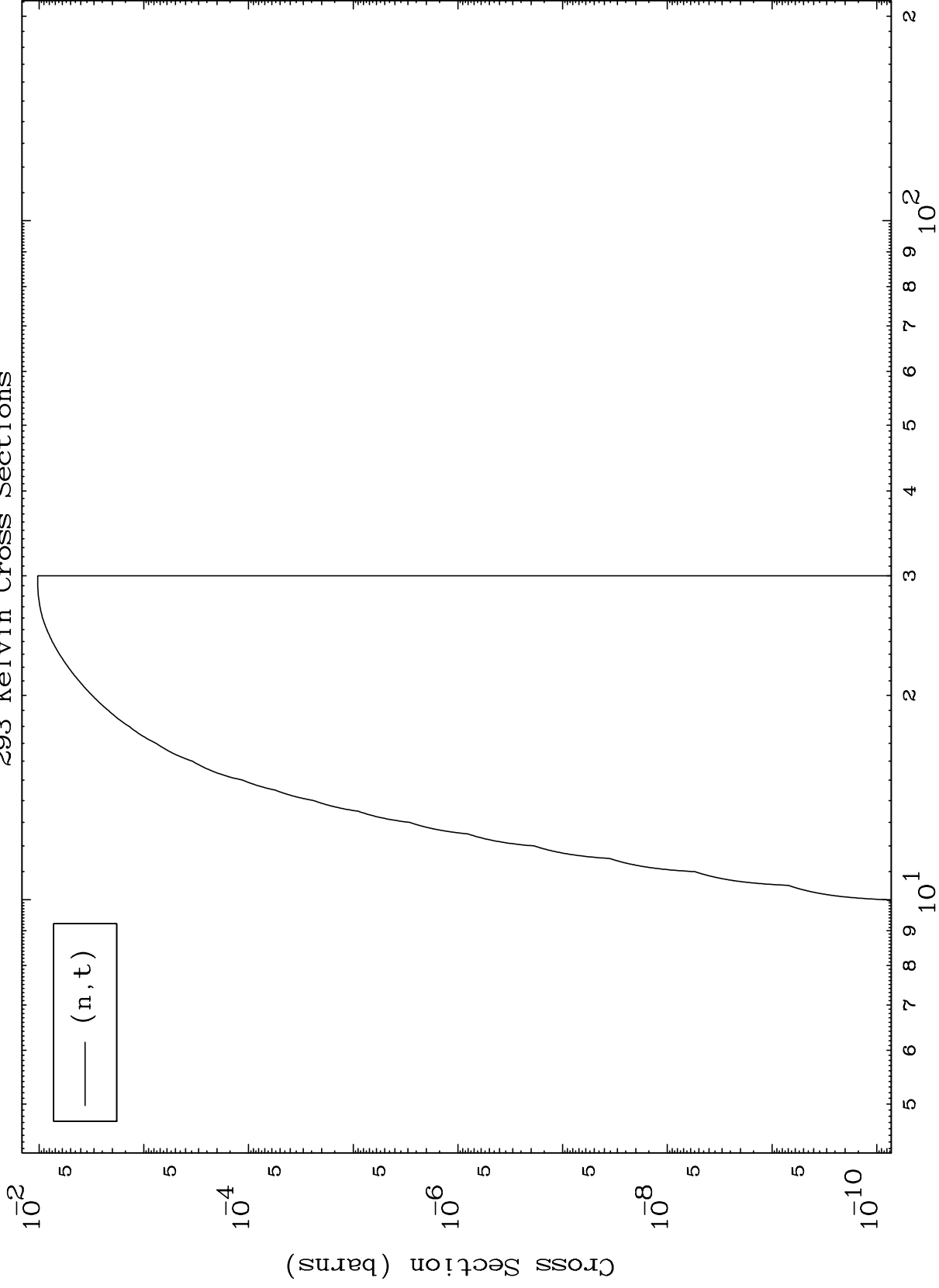
Incident Energy (MeV)

70-Yb-165

MAT 7016

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-165



15

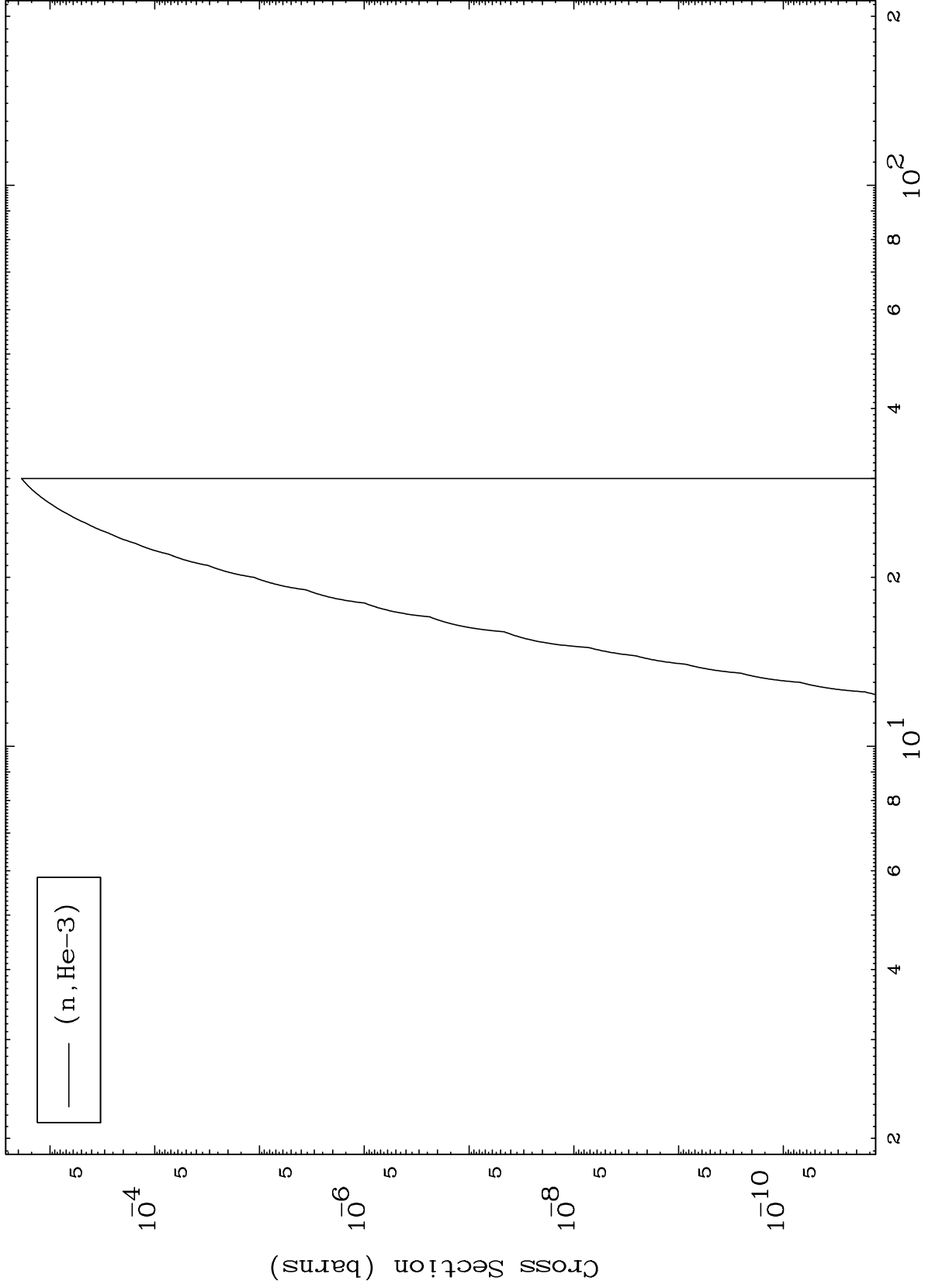
Incident Energy (MeV)

70-Yb-165

MAT 7016

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-165



16

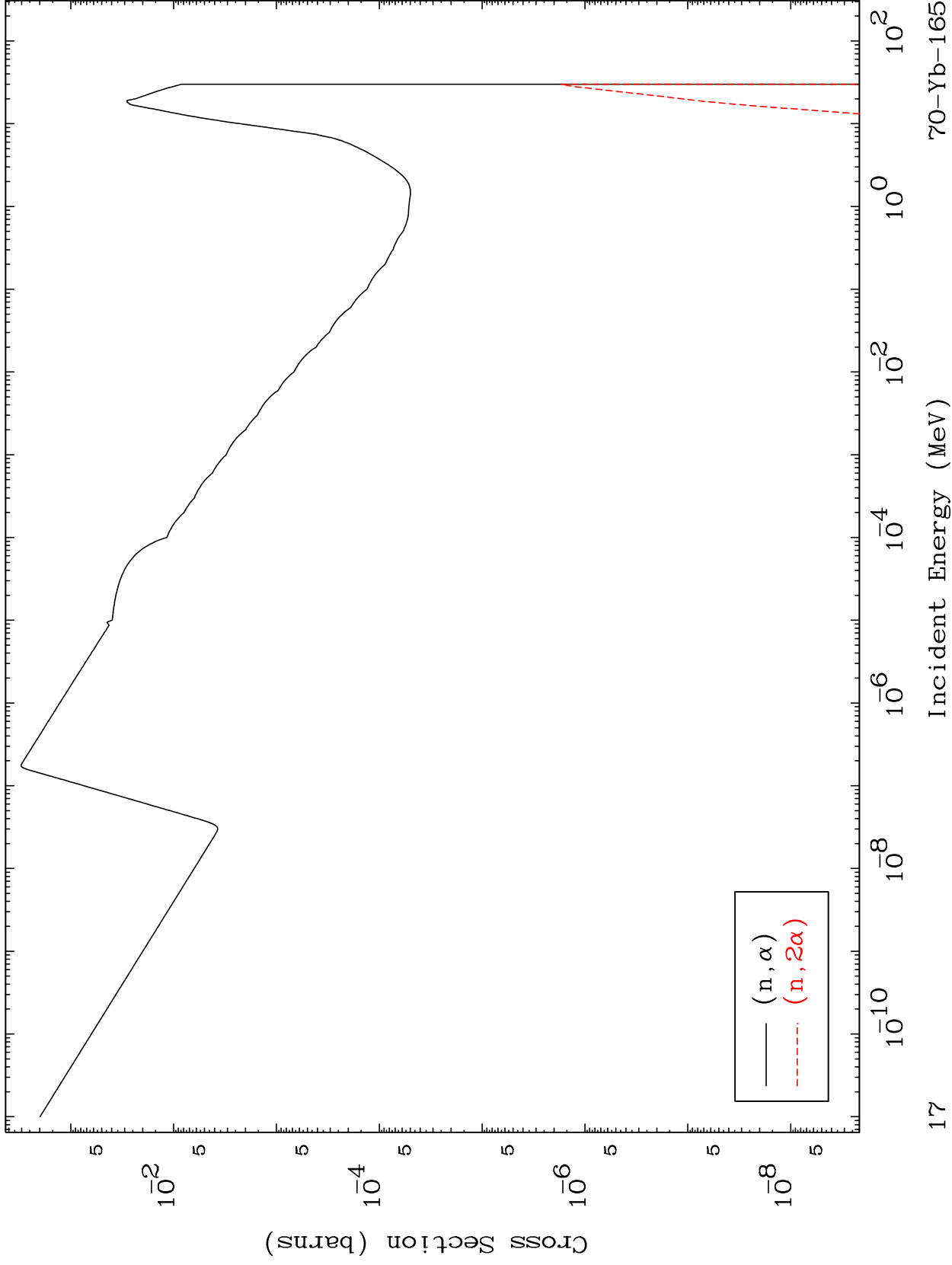
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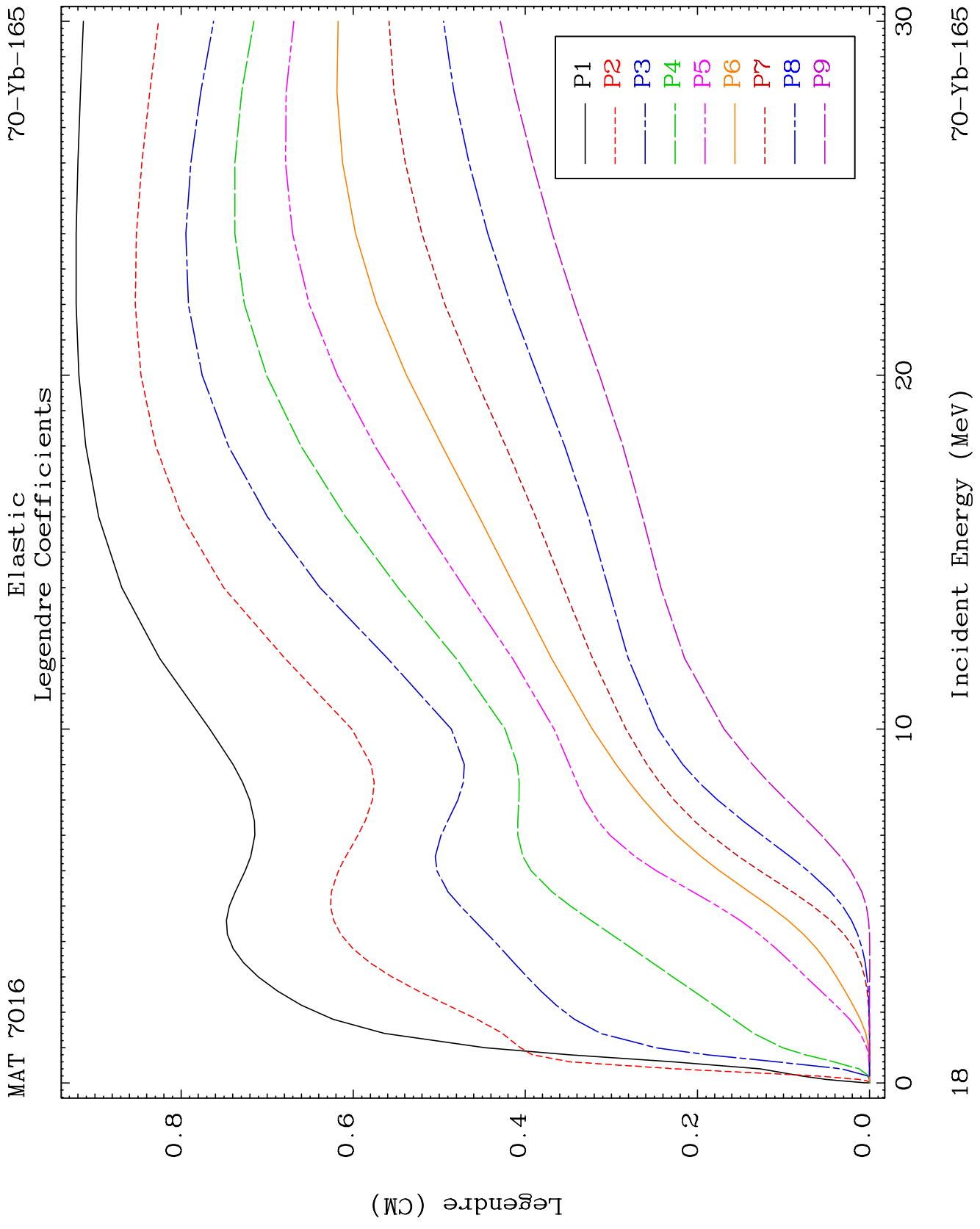
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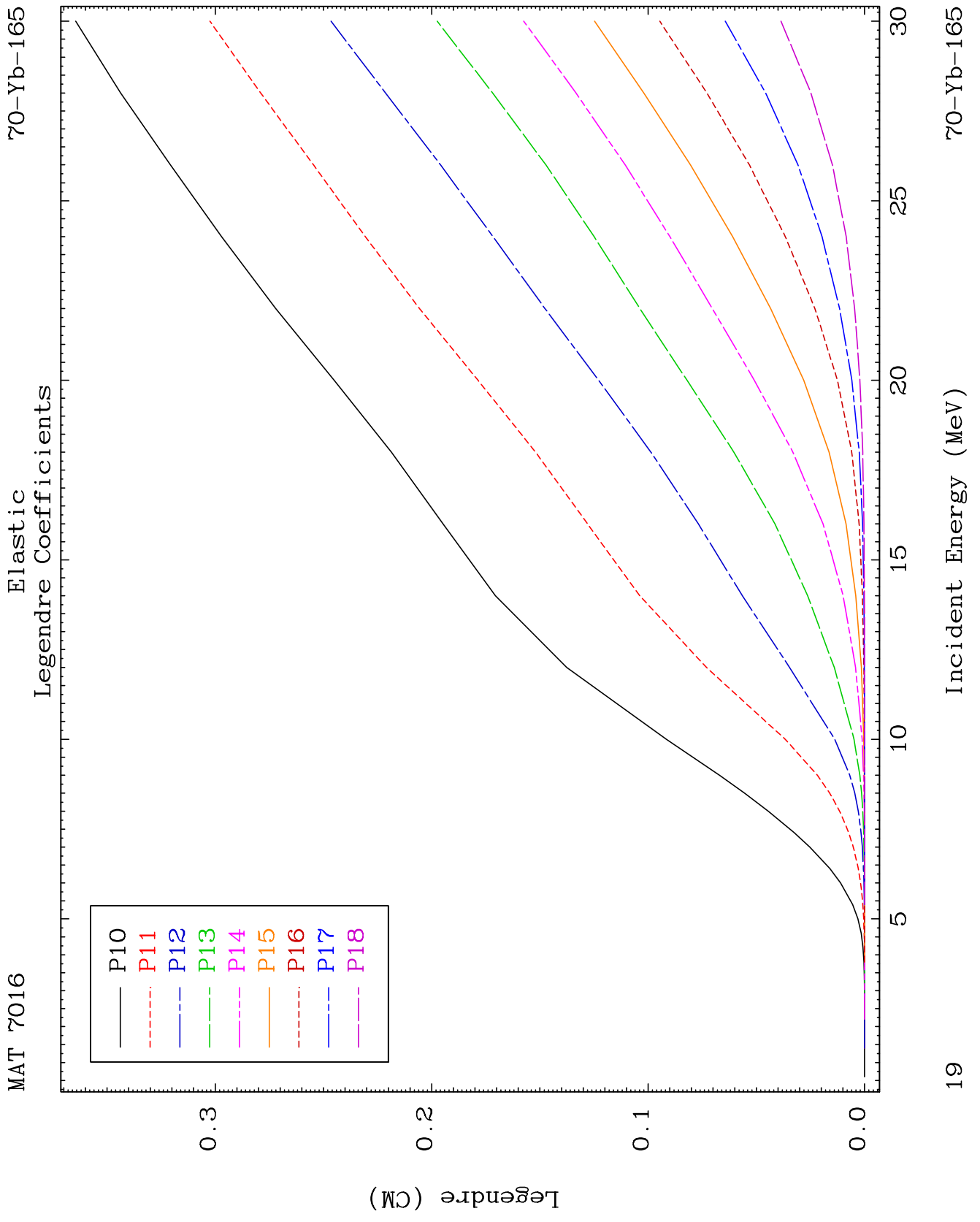
MAT 7016

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-165



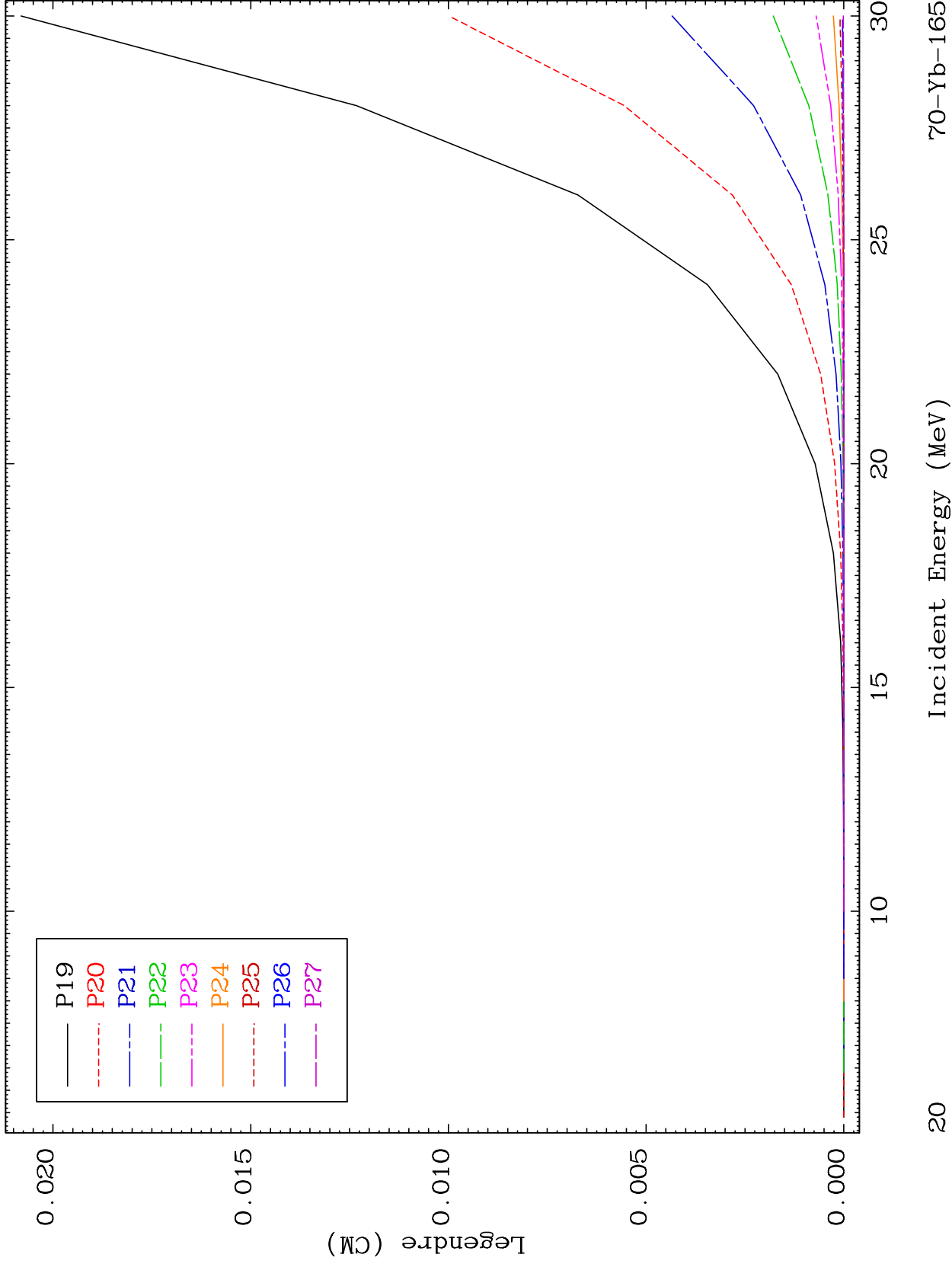




MAT 7016

Elastic
Legendre Coefficients

70-Yb-165



20

Incident Energy (MeV)

70-Yb-165

10

15

20

25

30

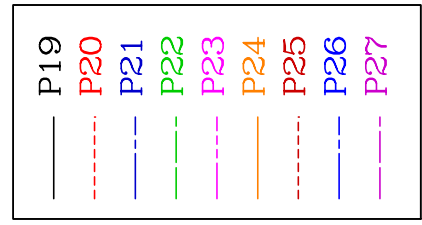
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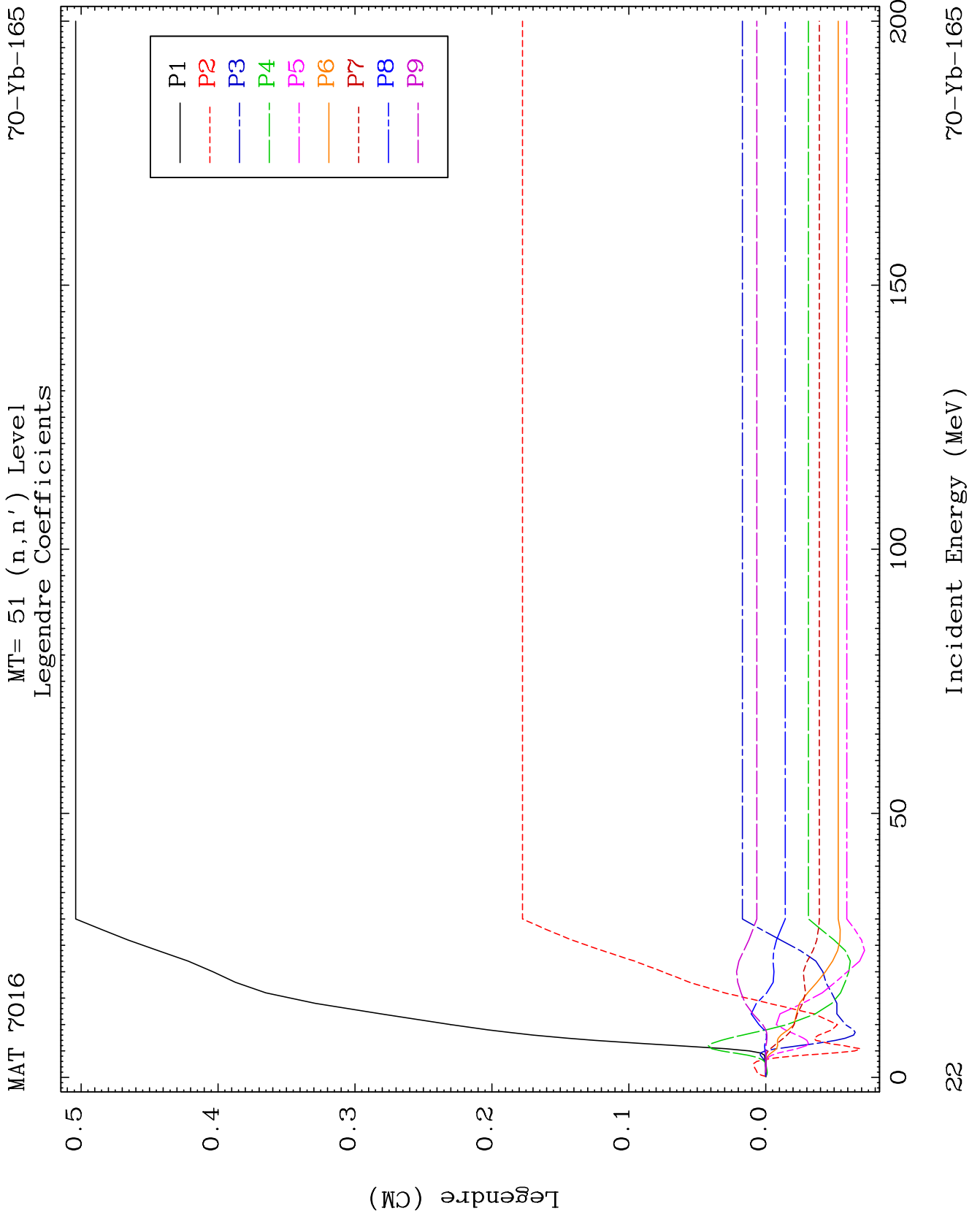
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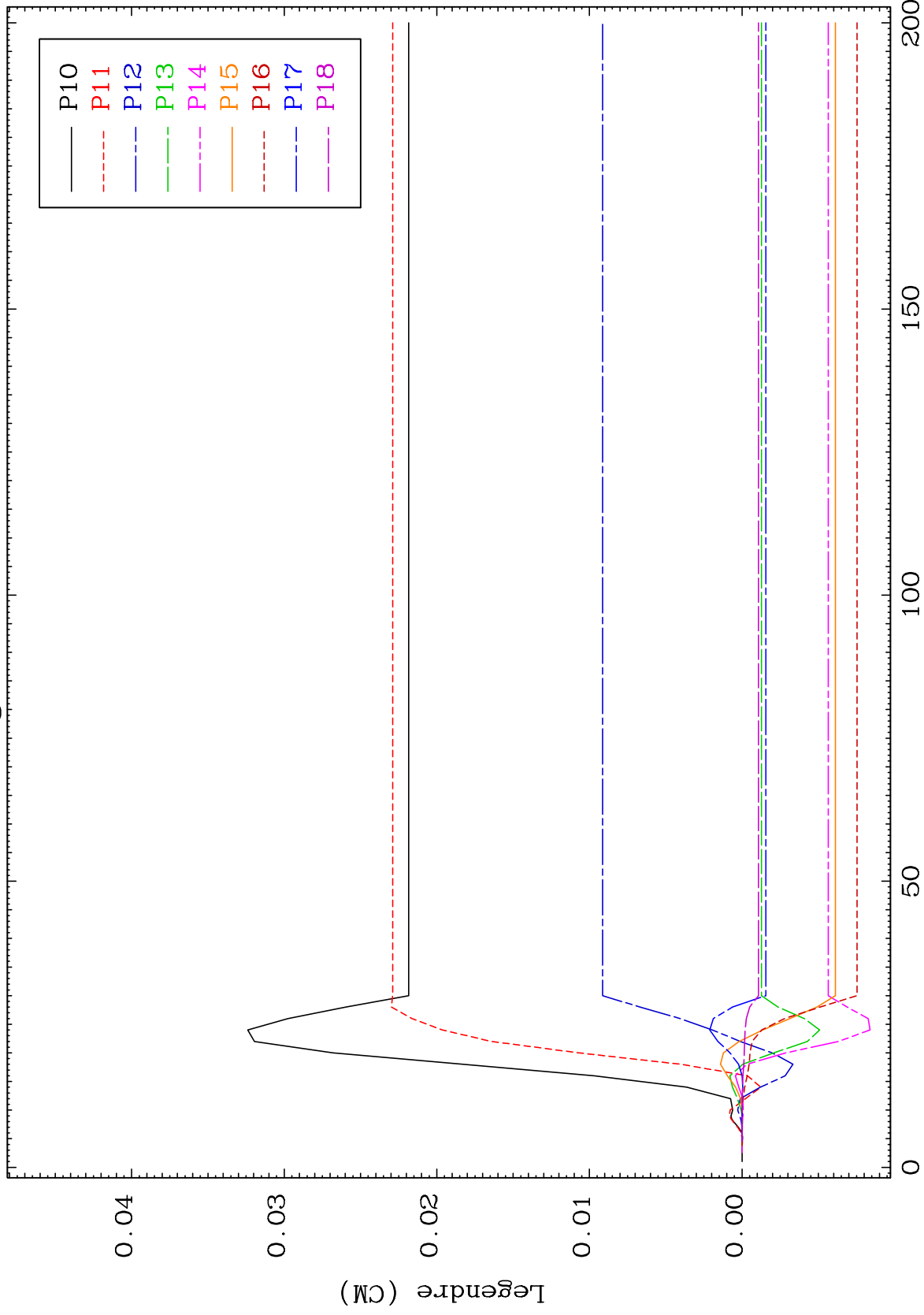




MAT 7016

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

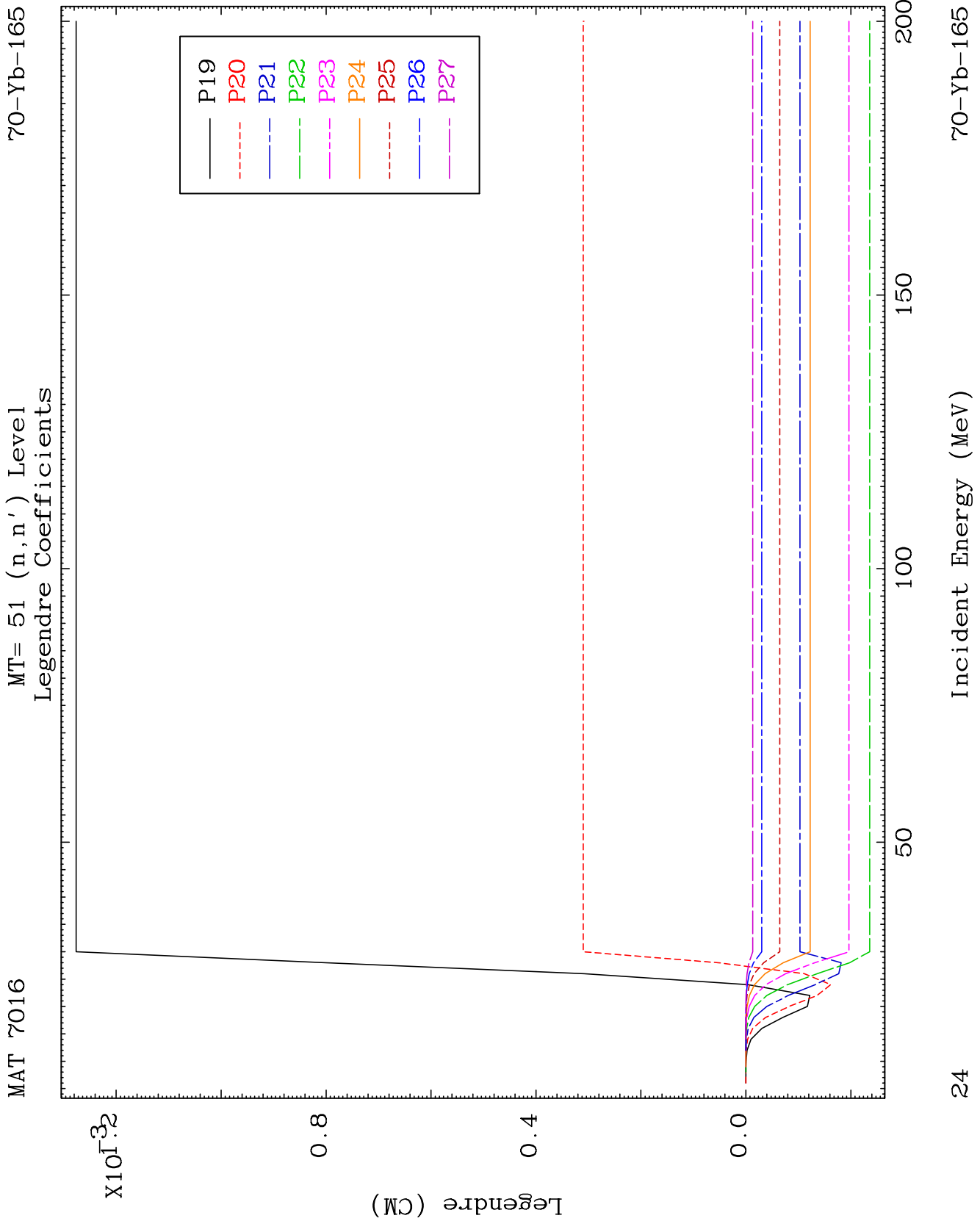
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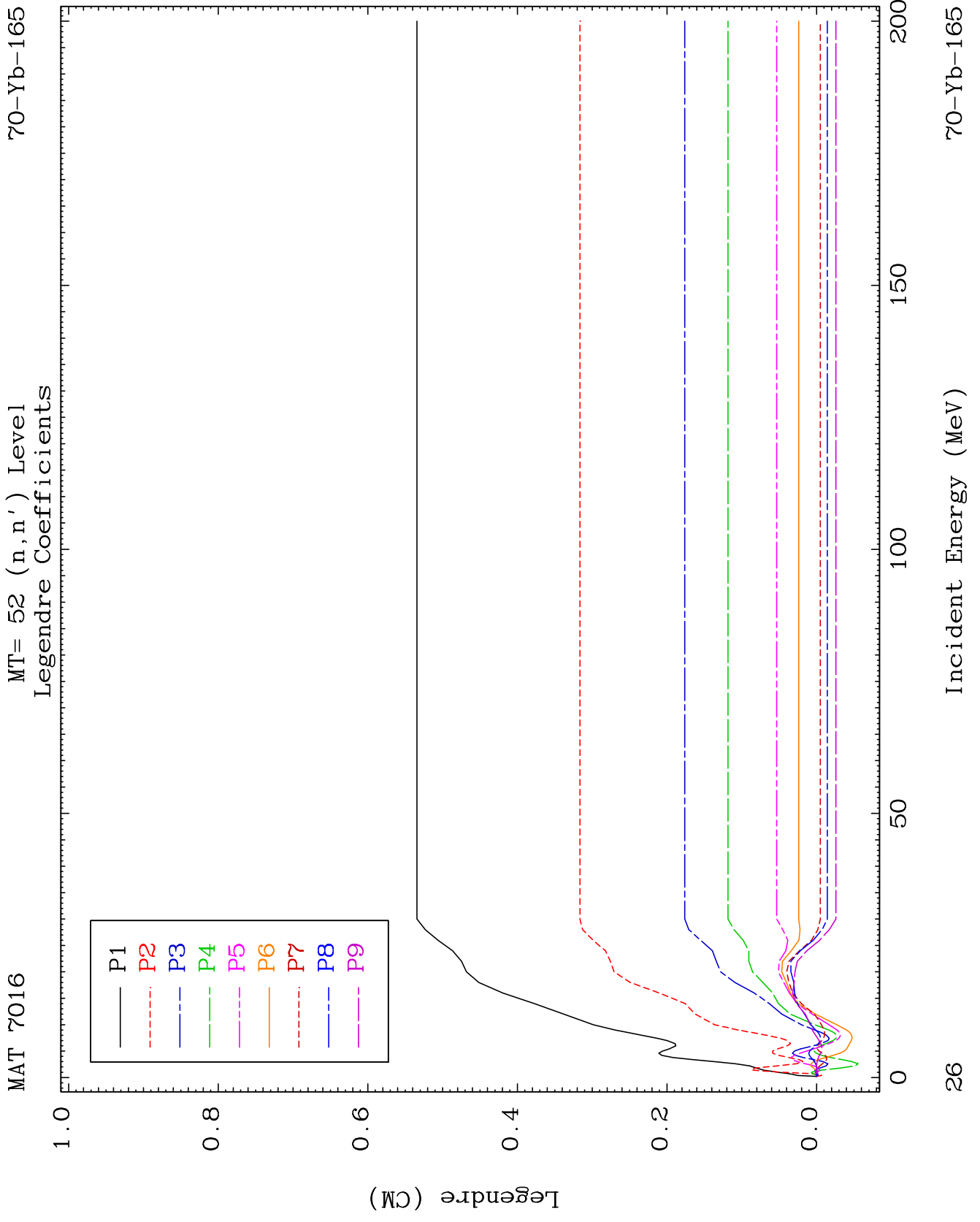


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Incident Energy (MeV)

70-Yb-165

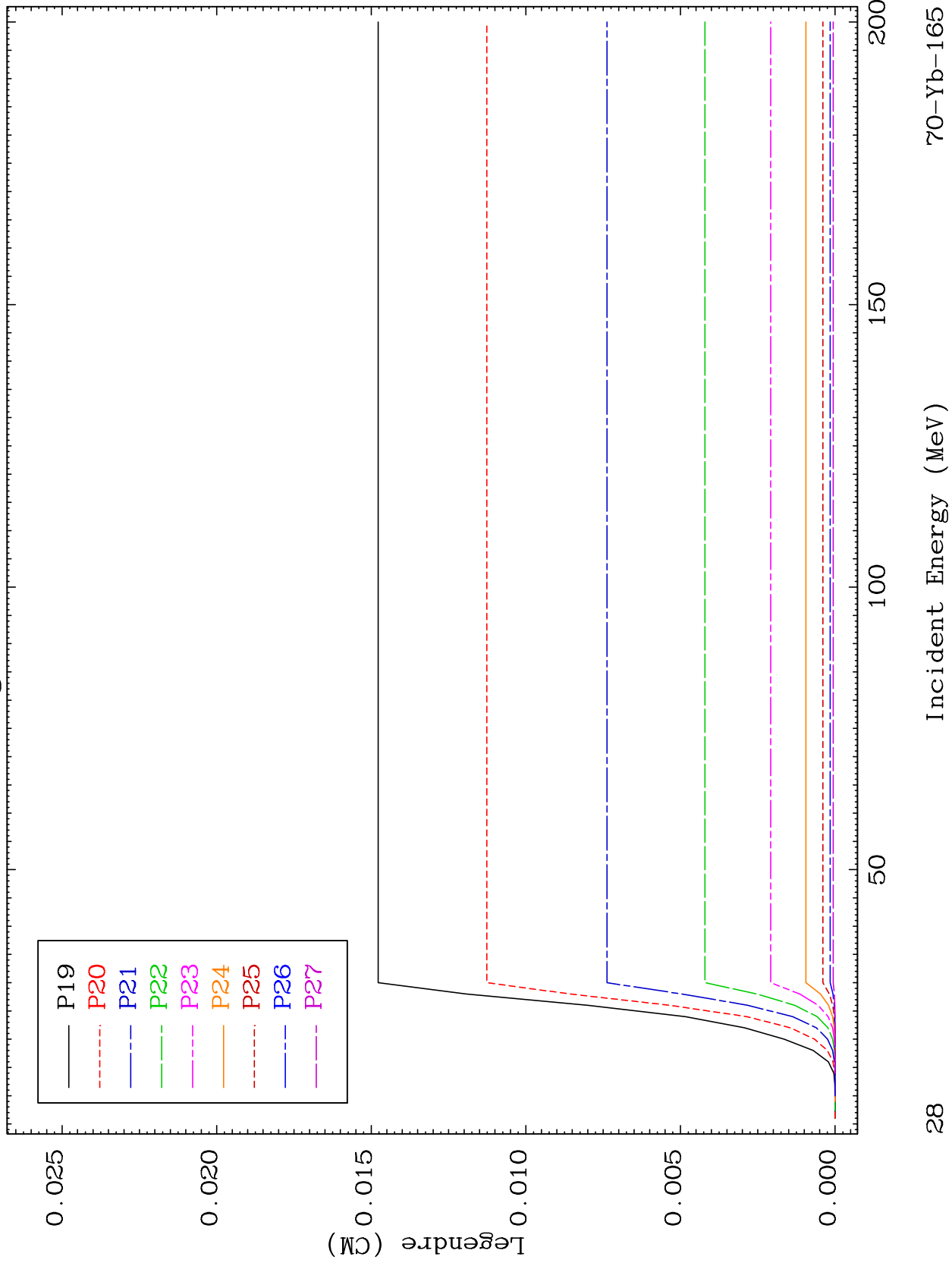




MAT 7016

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

70-Yb-165



28

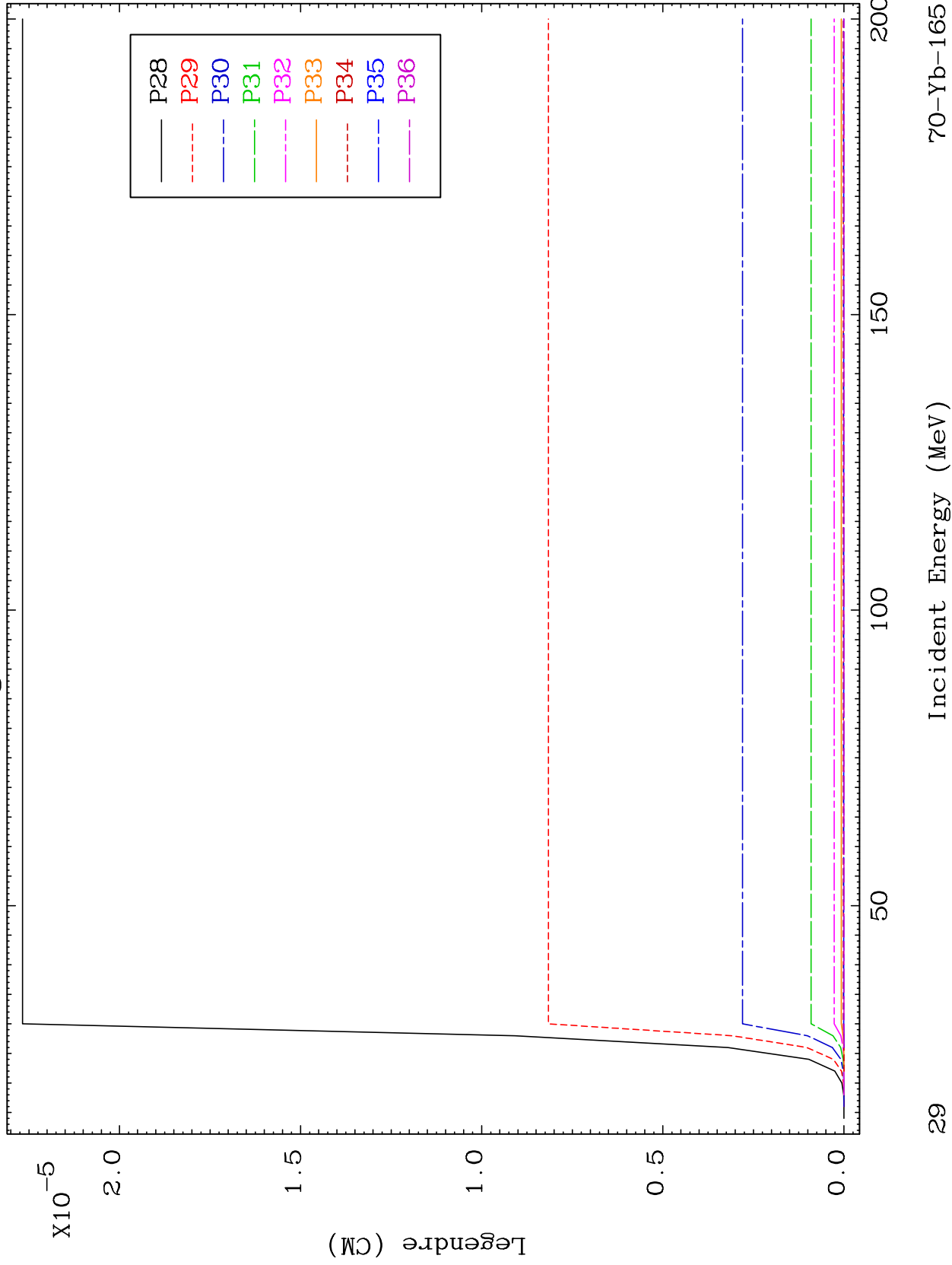
Incident Energy (MeV)

70-Yb-165

MAT 7016

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

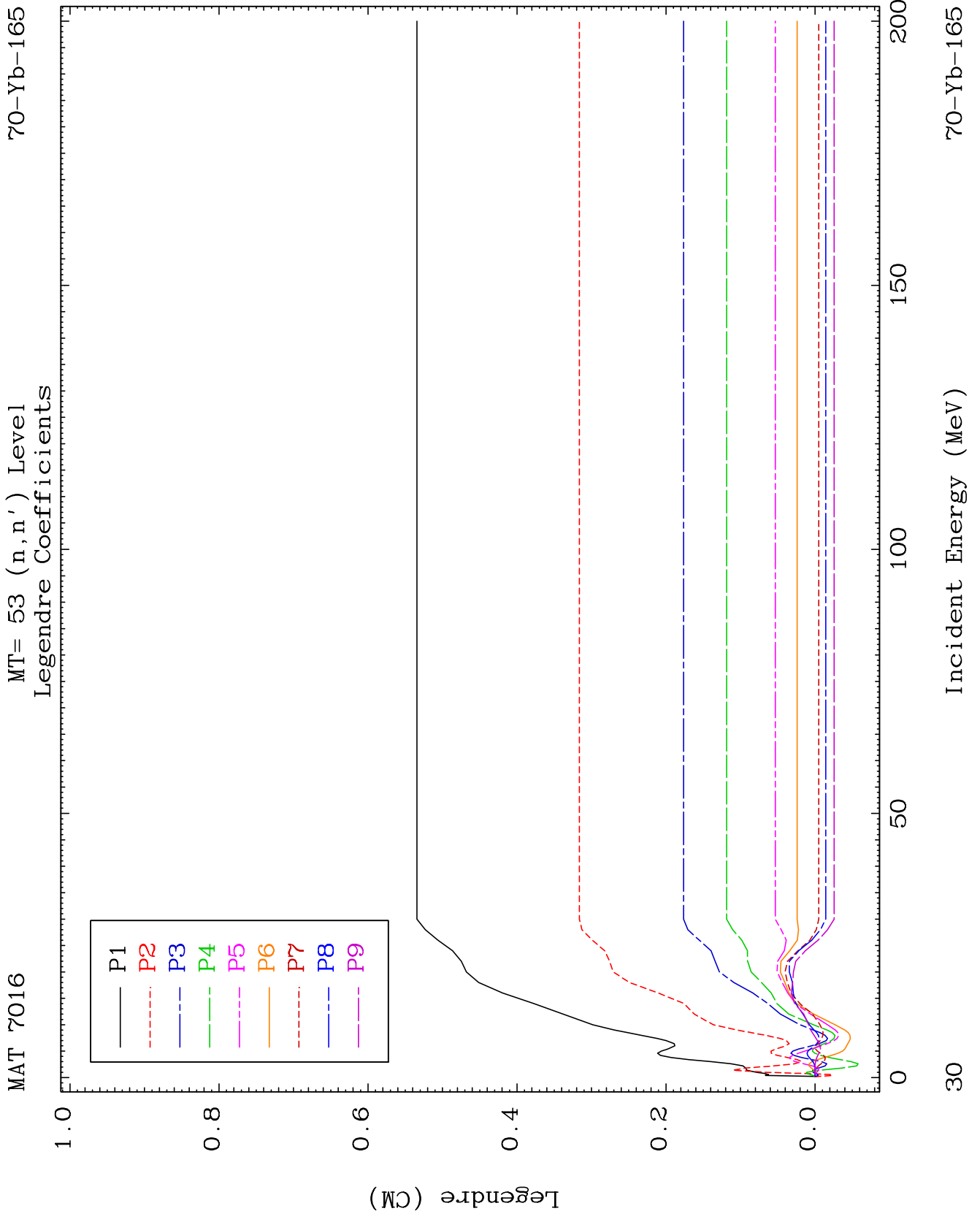
70-Yb-165



29

Incident Energy (MeV)

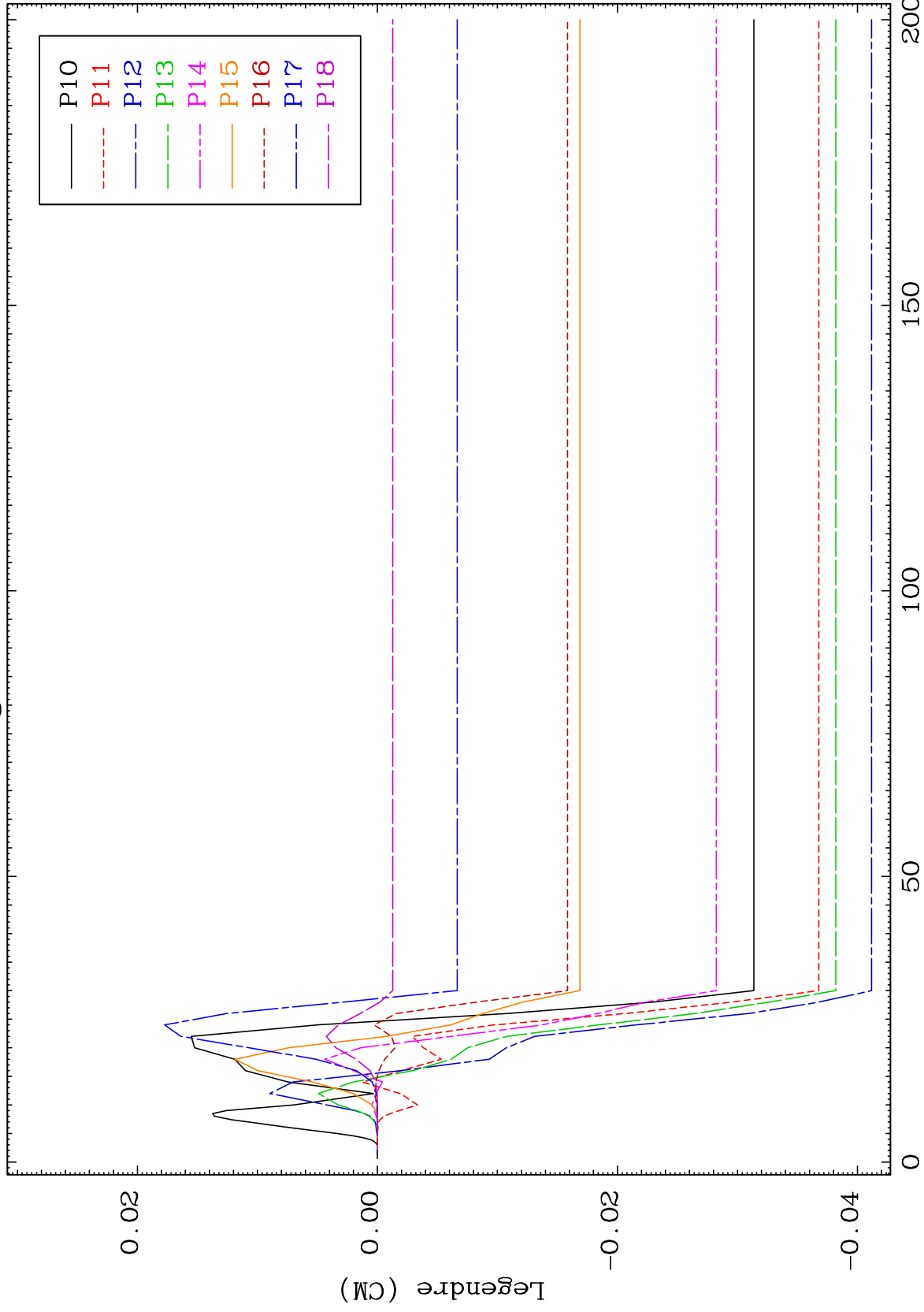
70-Yb-165



MAT 7016

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

70-Yb-165



31

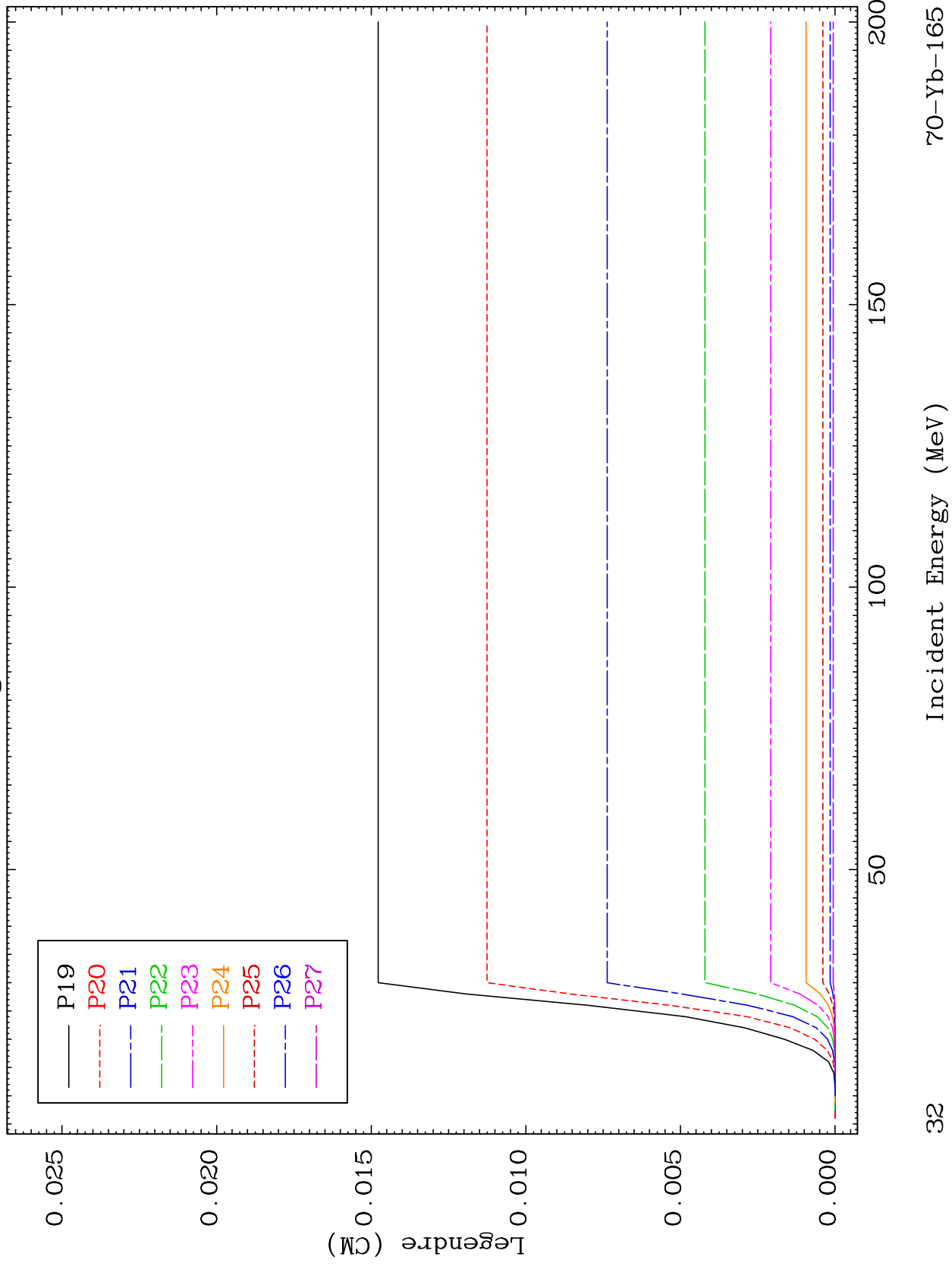
Incident Energy (MeV)

70-Yb-165

MAT 7016

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

70-Yb-165



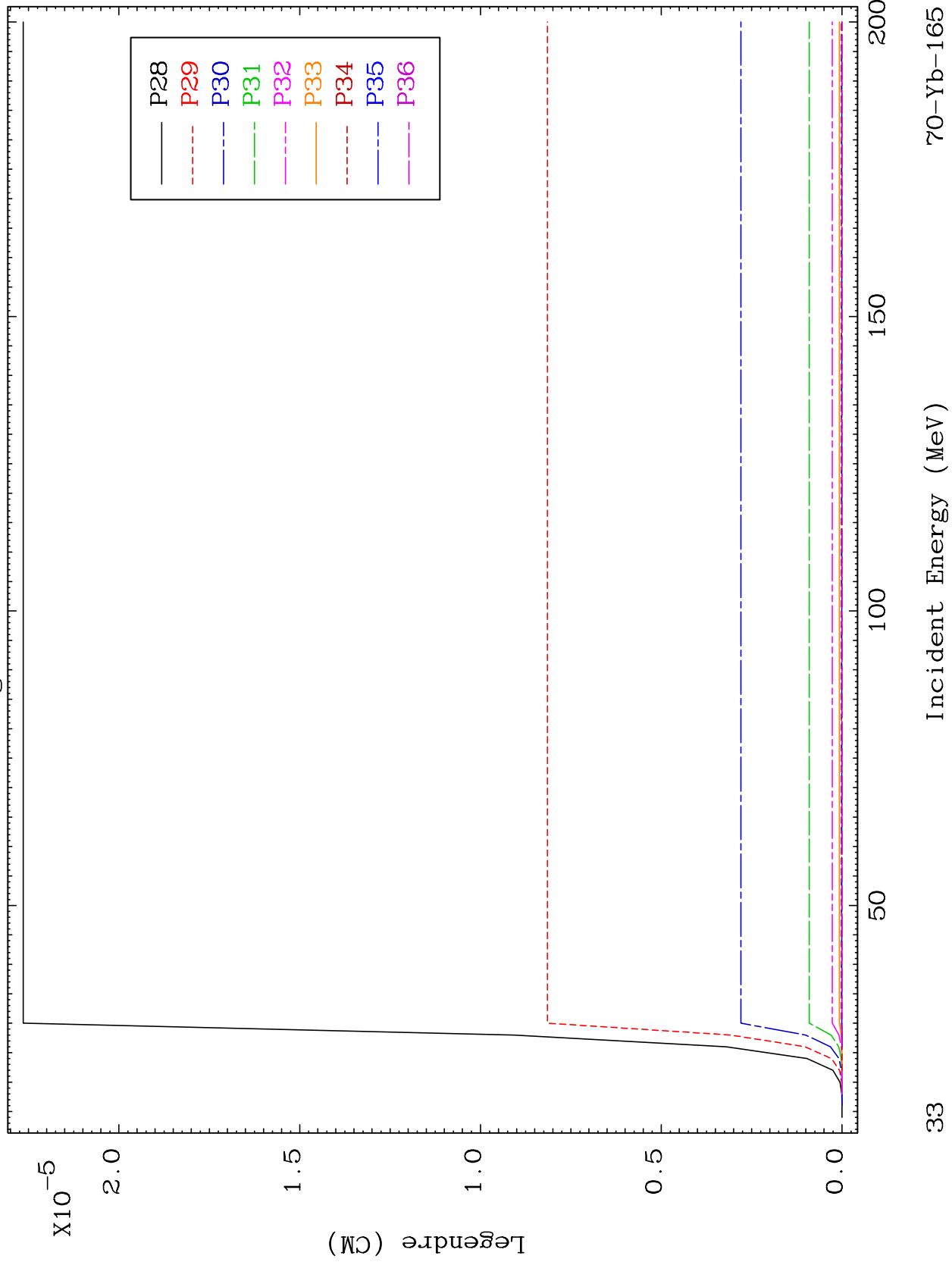
32

70-Yb-165

MAT 7016

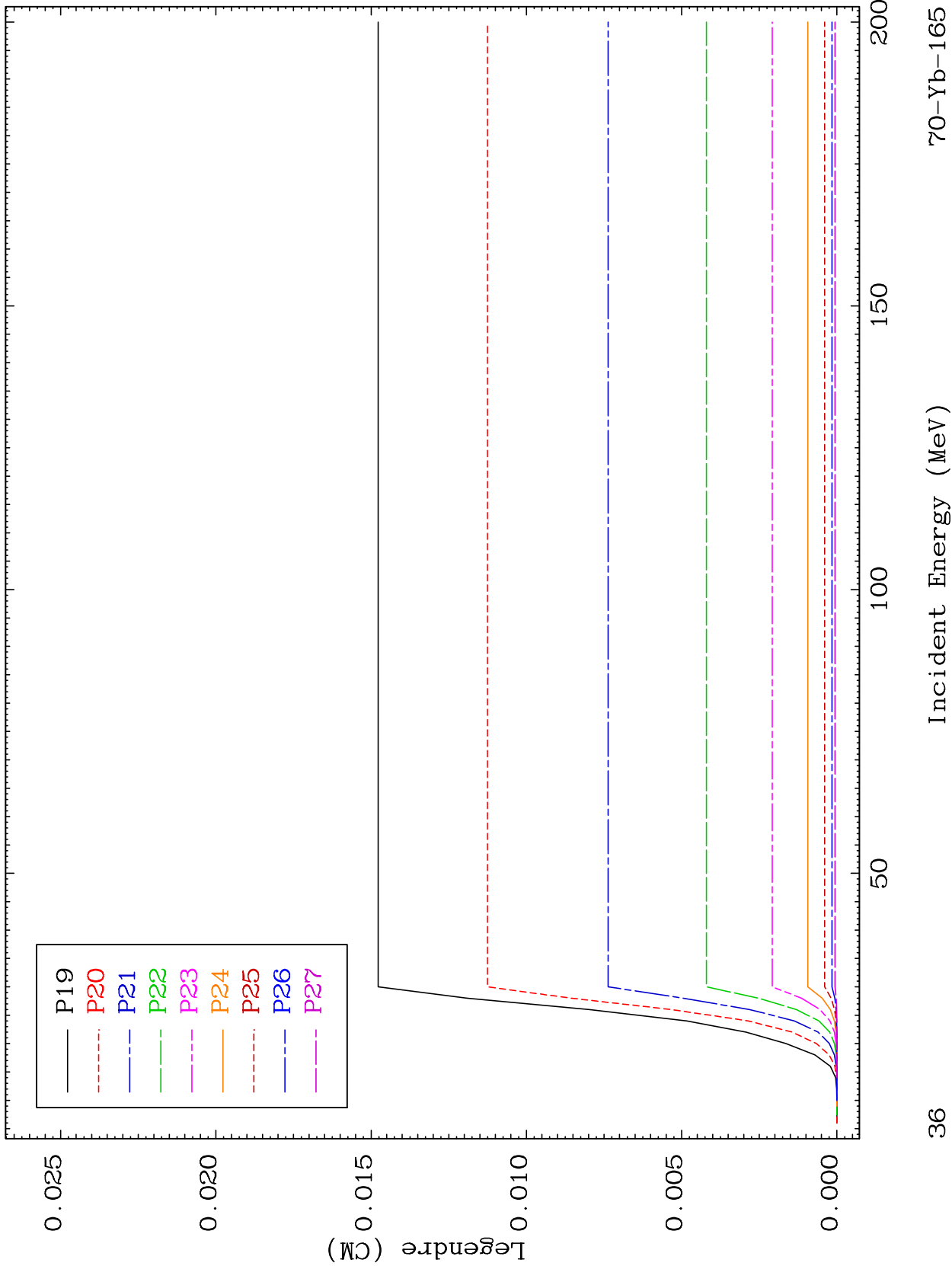
MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-165



33

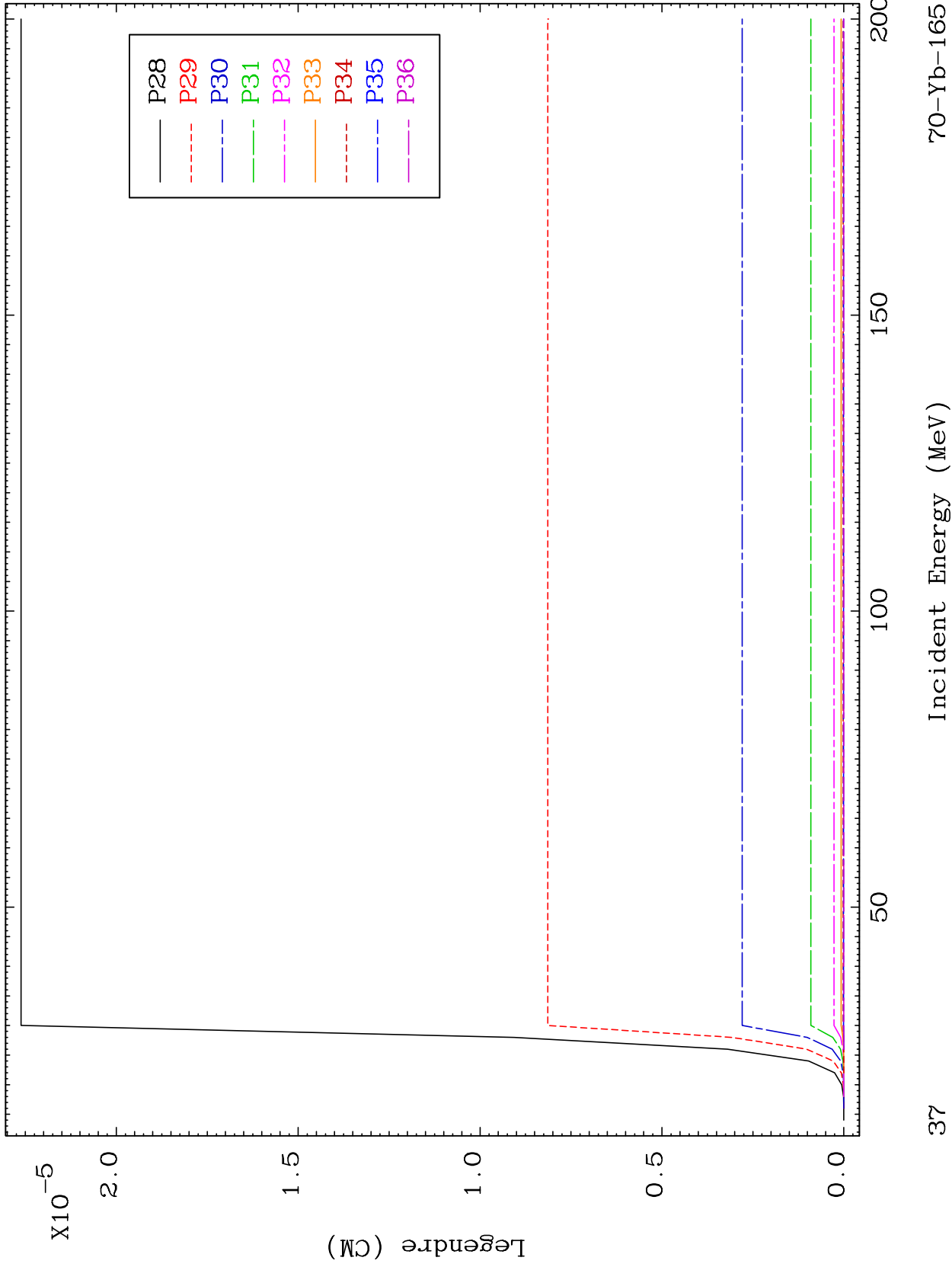
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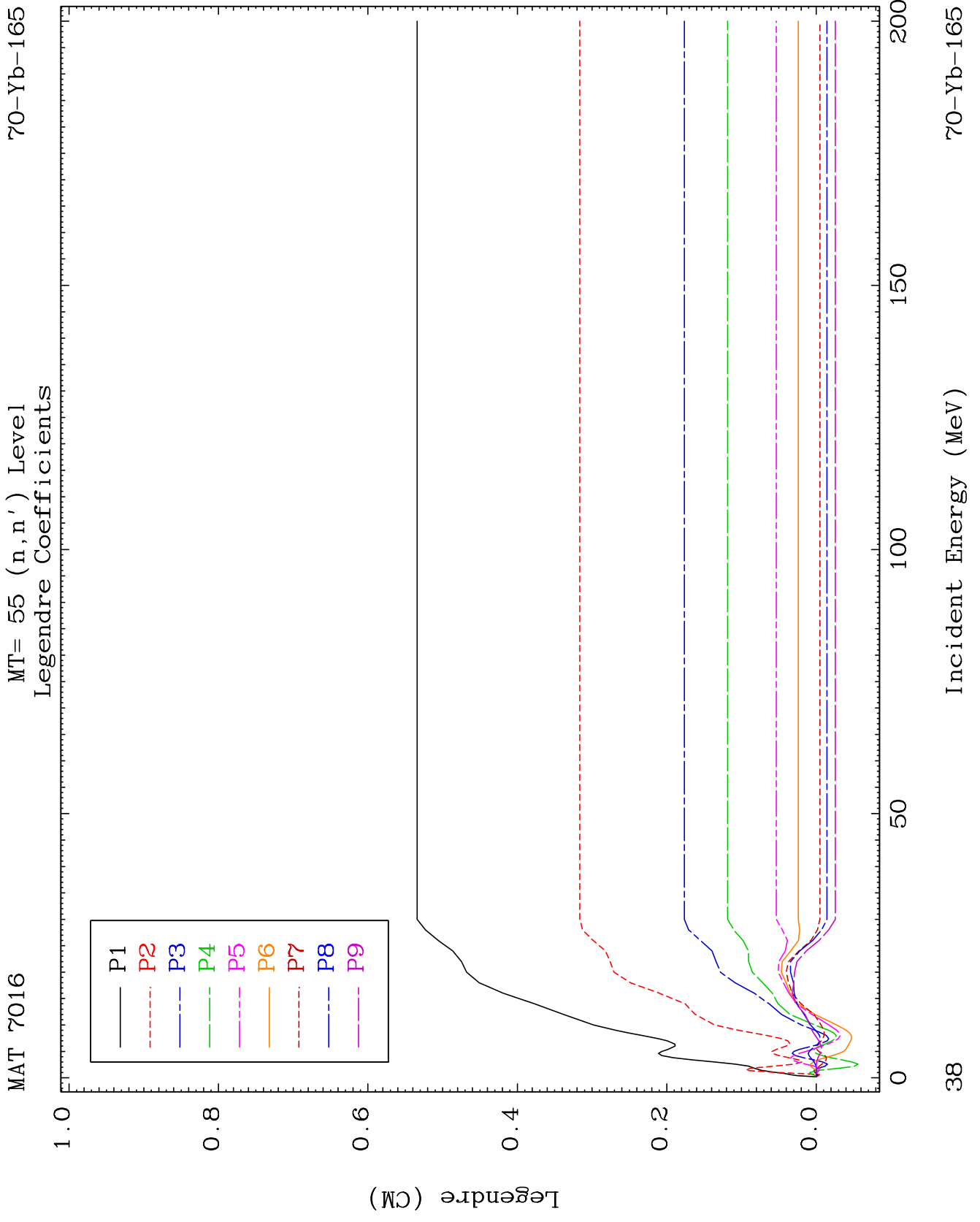


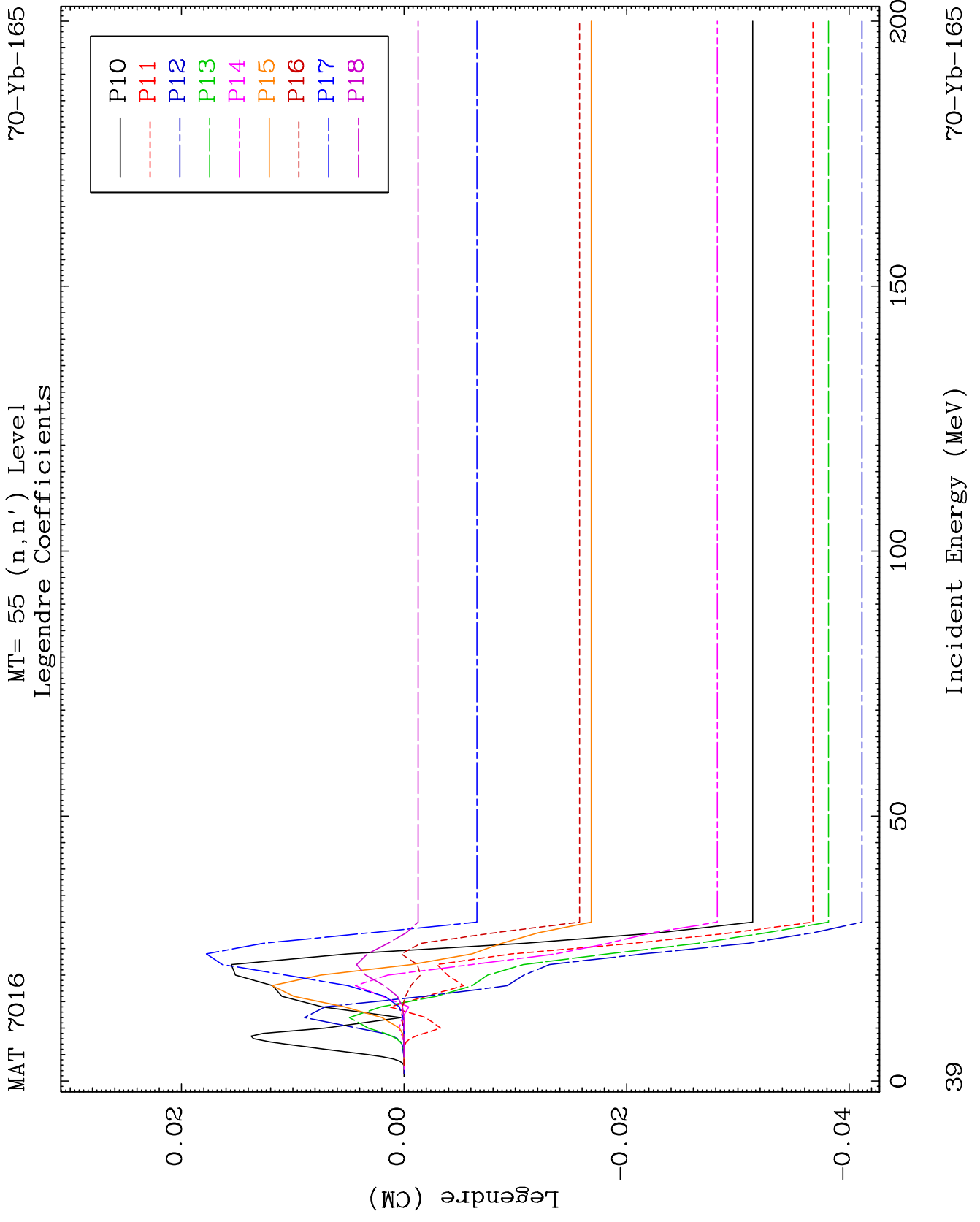
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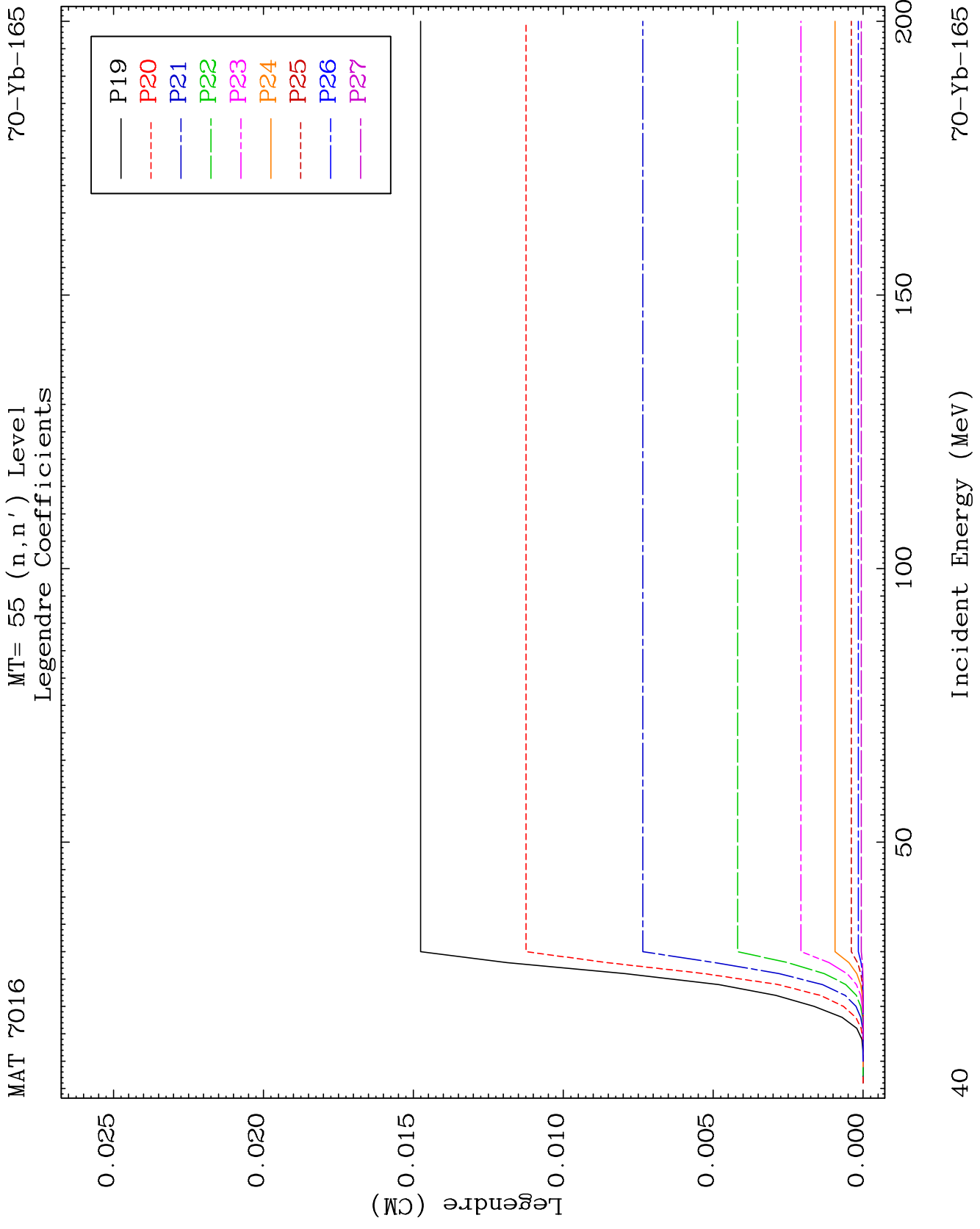
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Legendre Coefficients

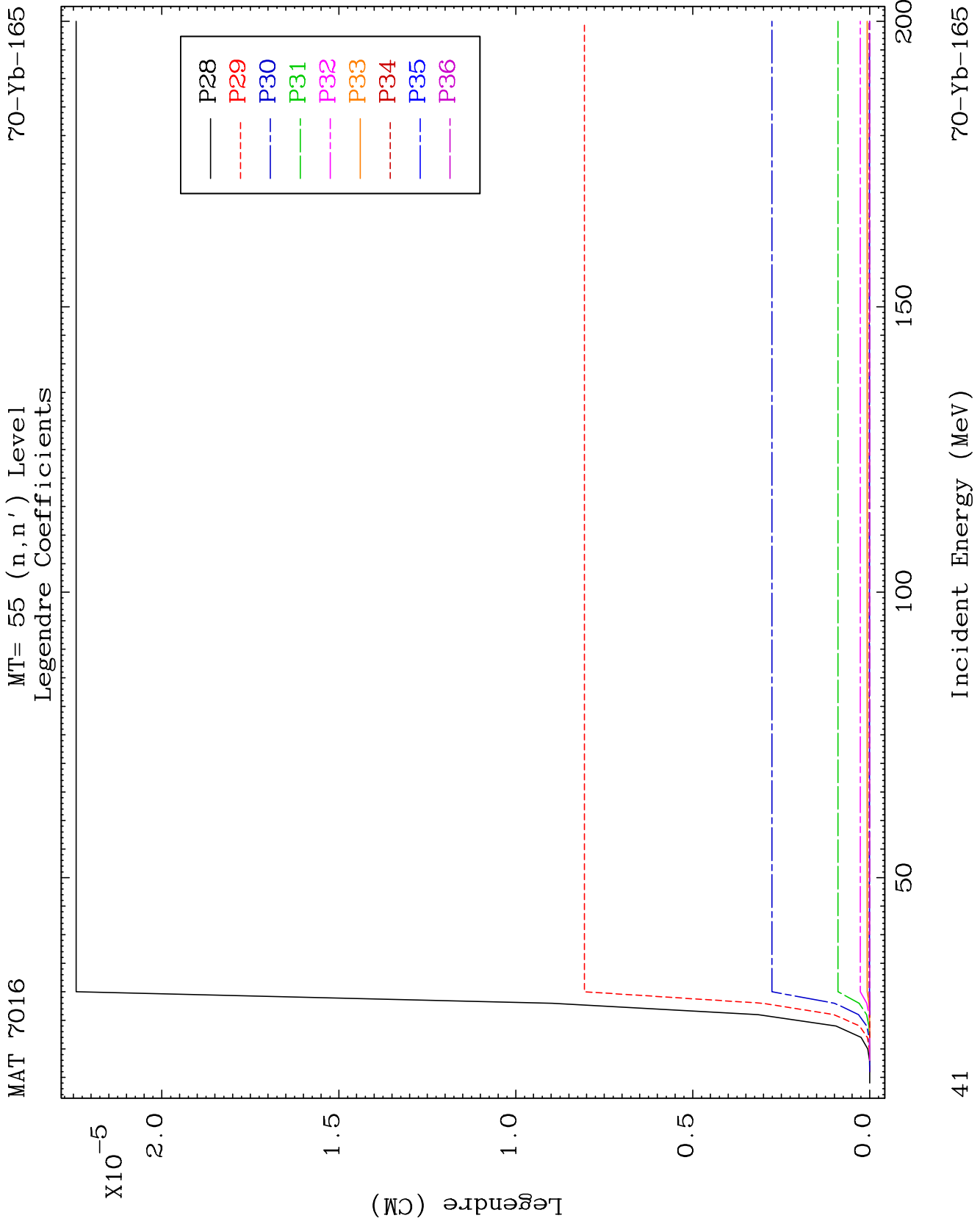
70-Yb-165

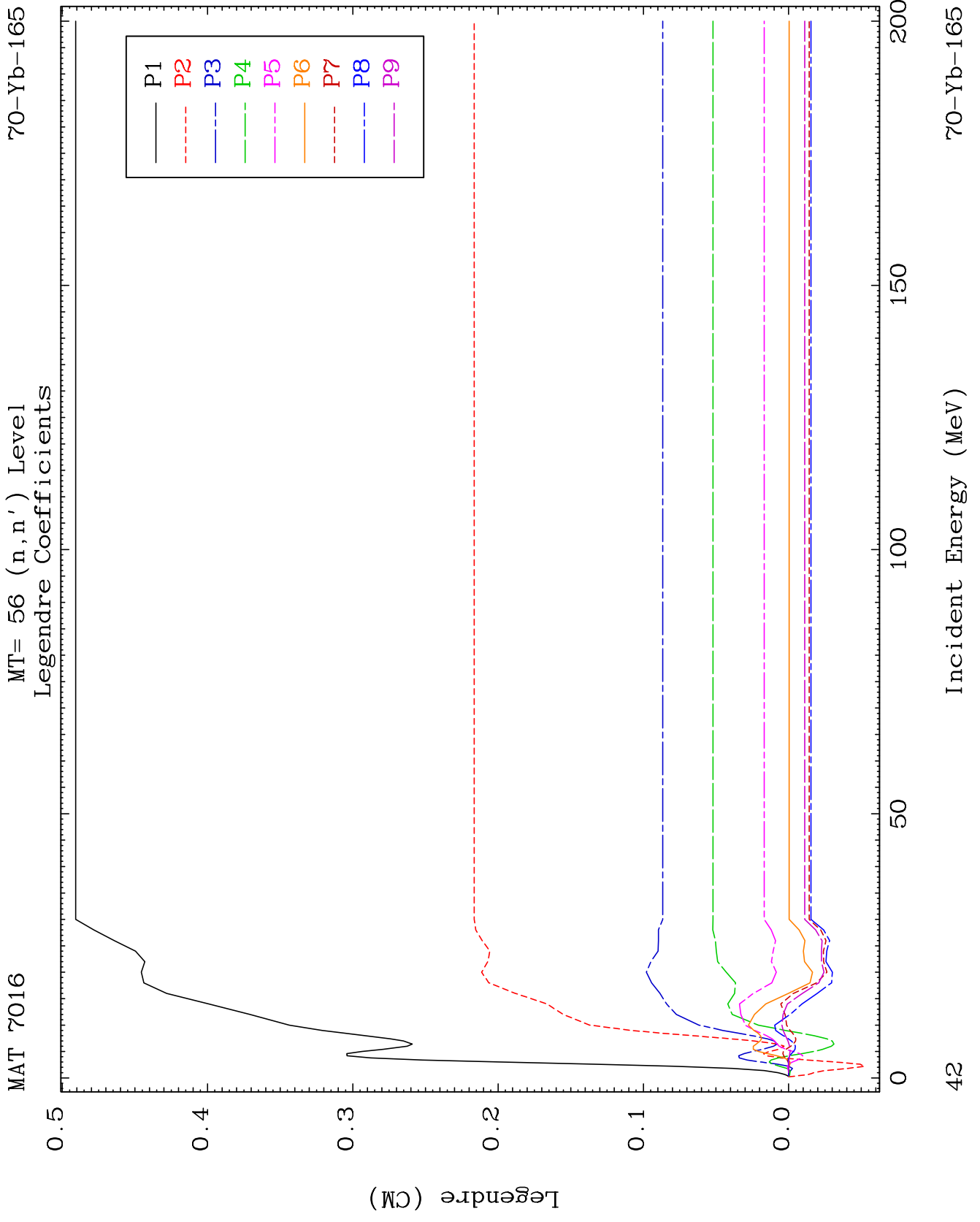








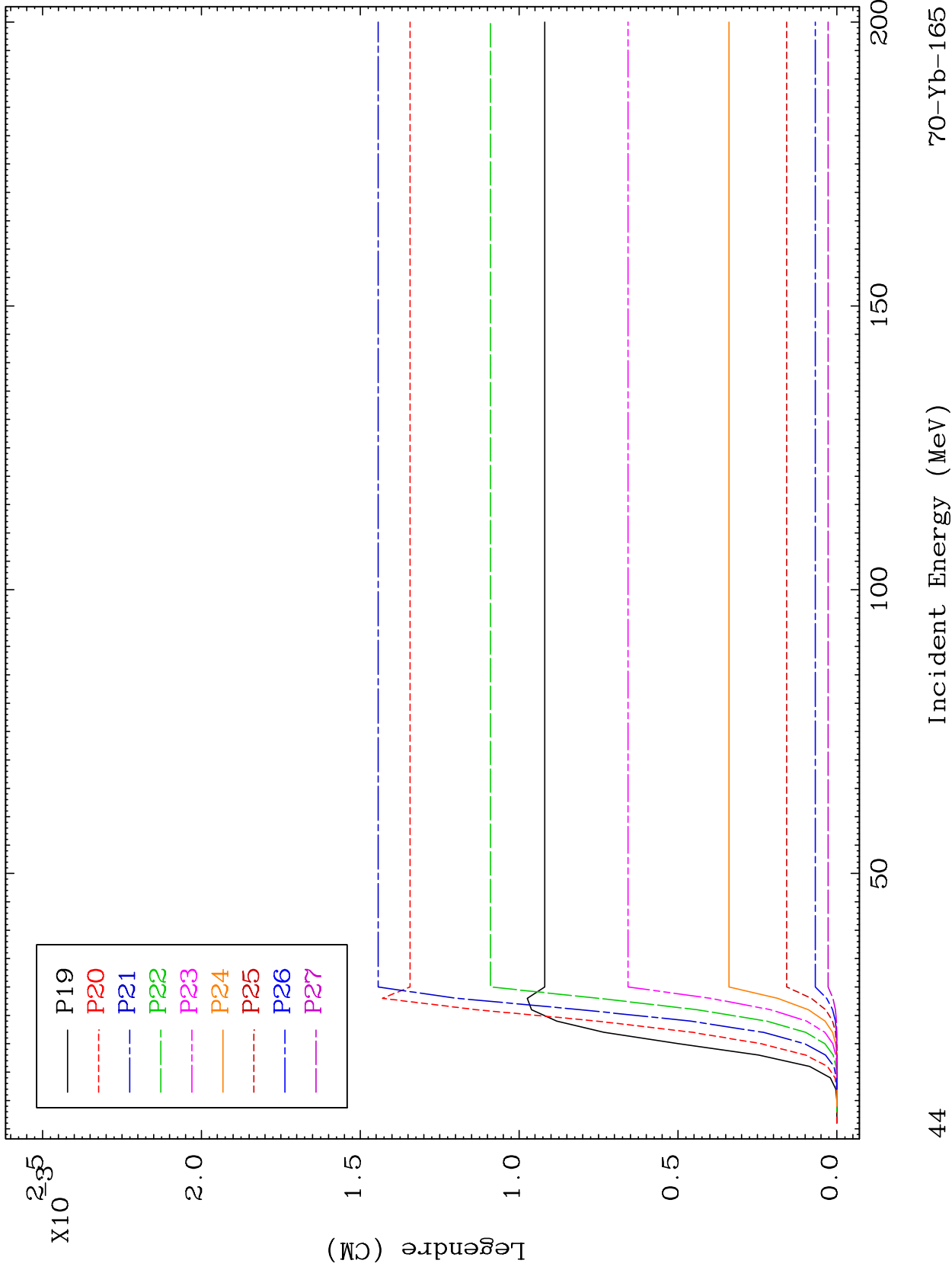


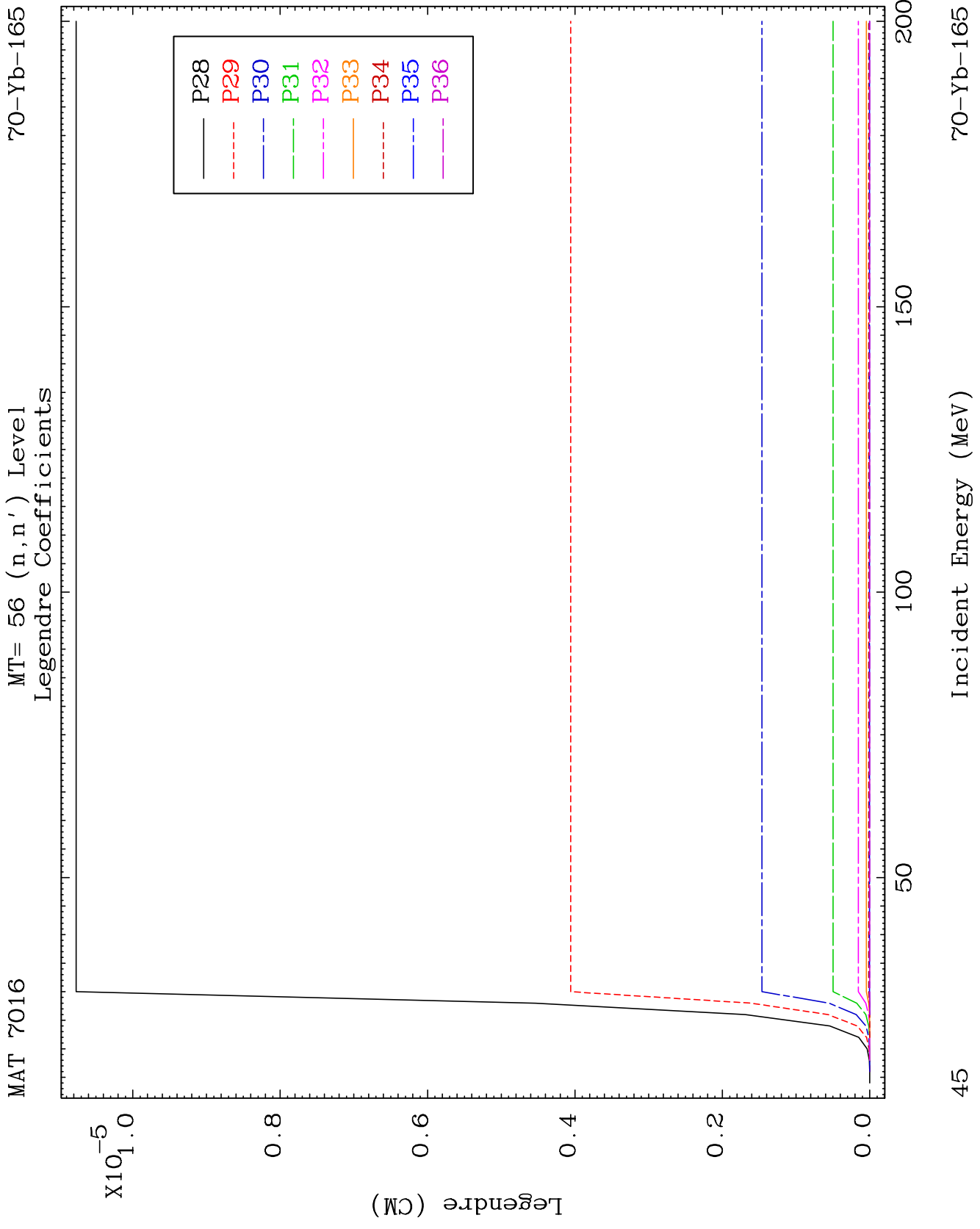


MAT 7016

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

70-Yb-165

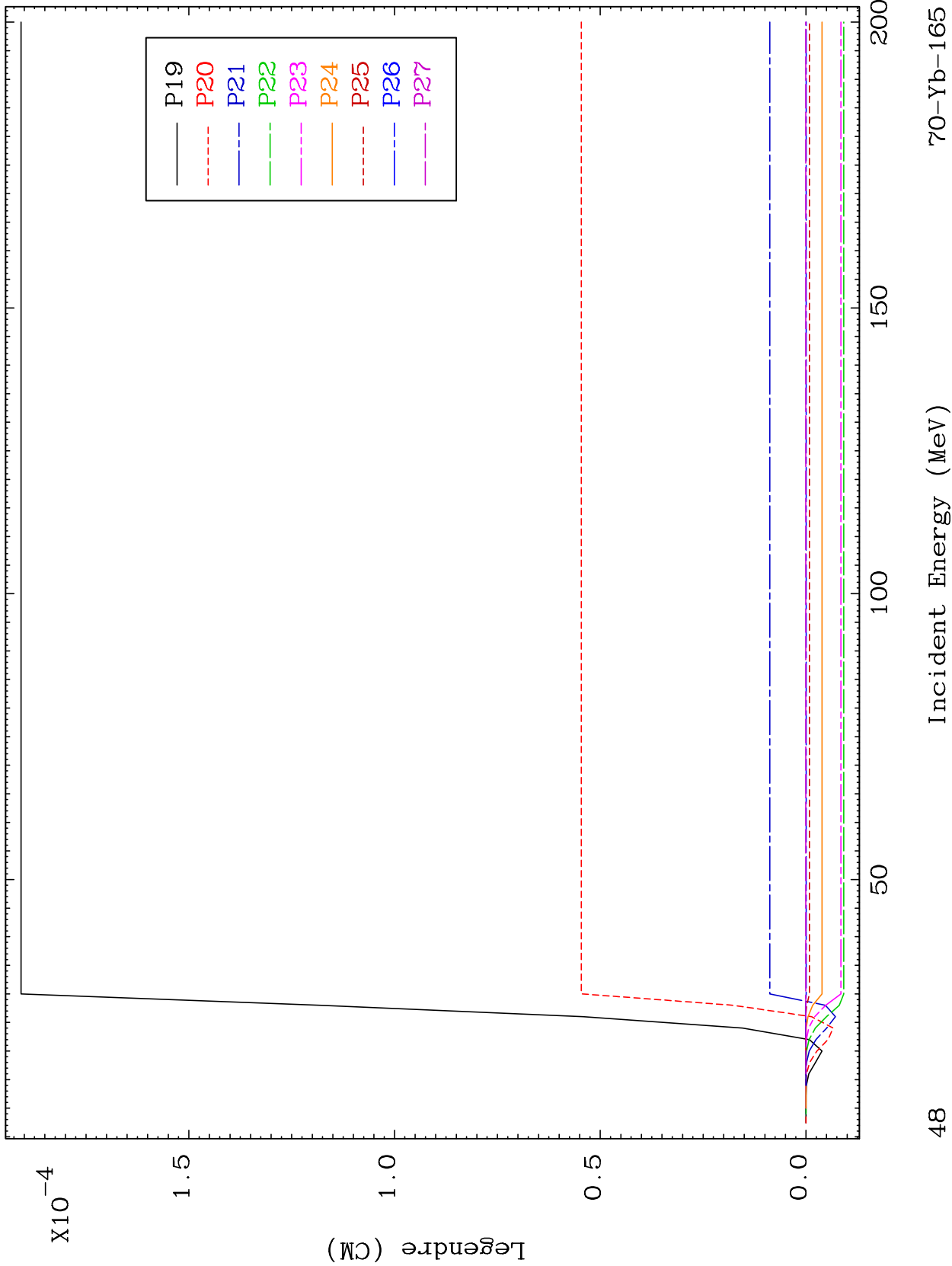




MAT 7016

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

70-Yb-165



48

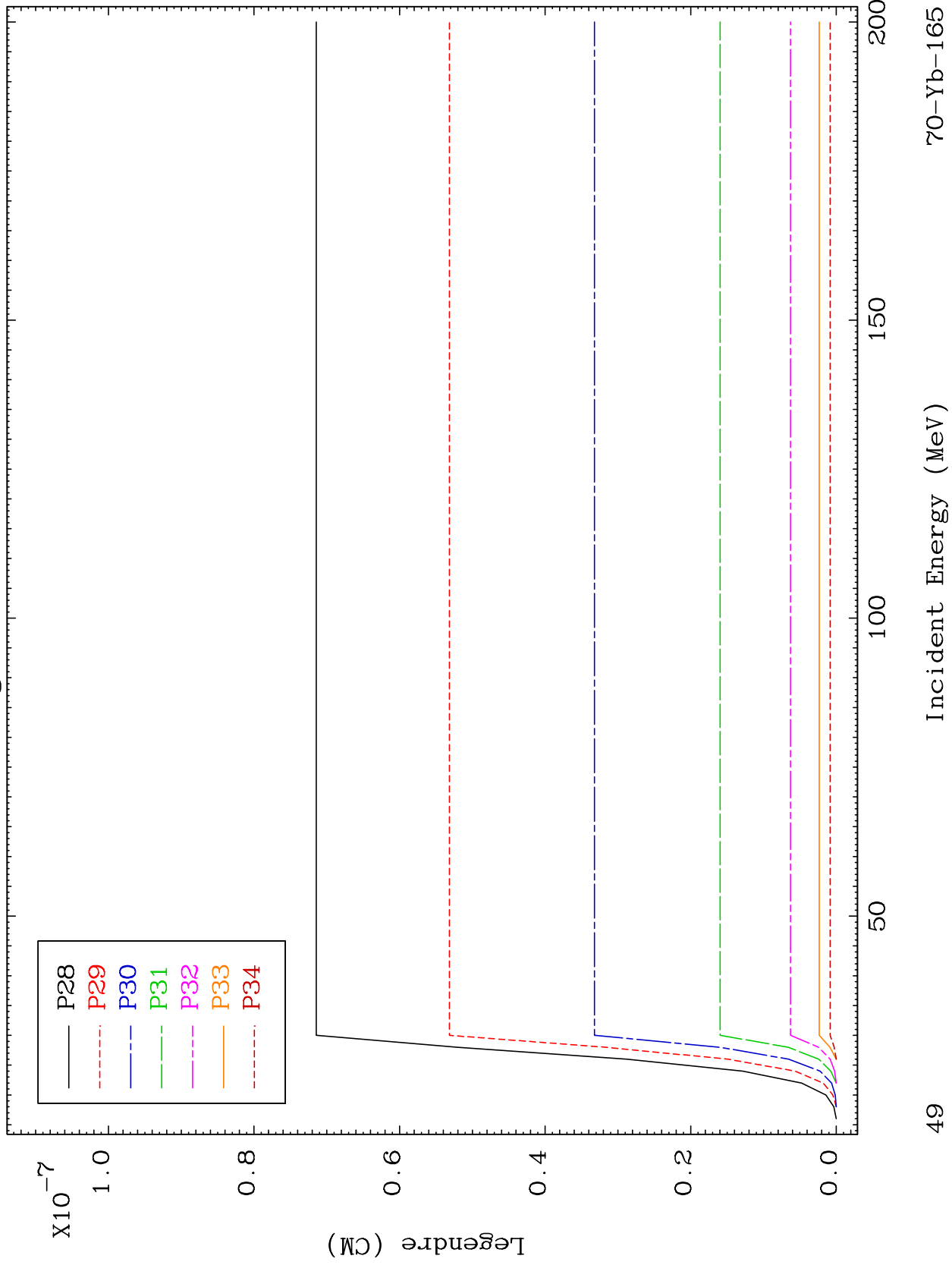
Incident Energy (MeV)

70-Yb-165

MAT 7016

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

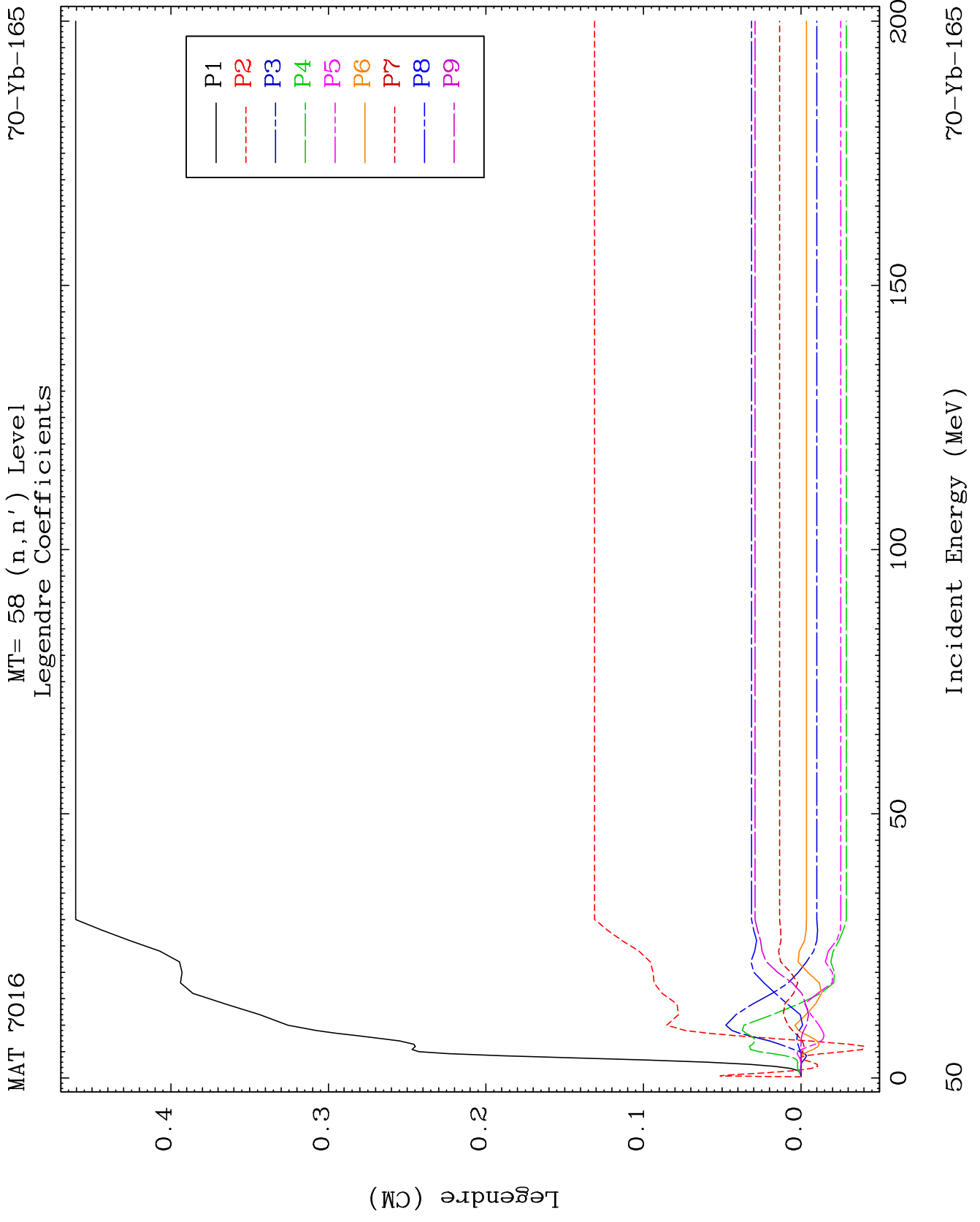
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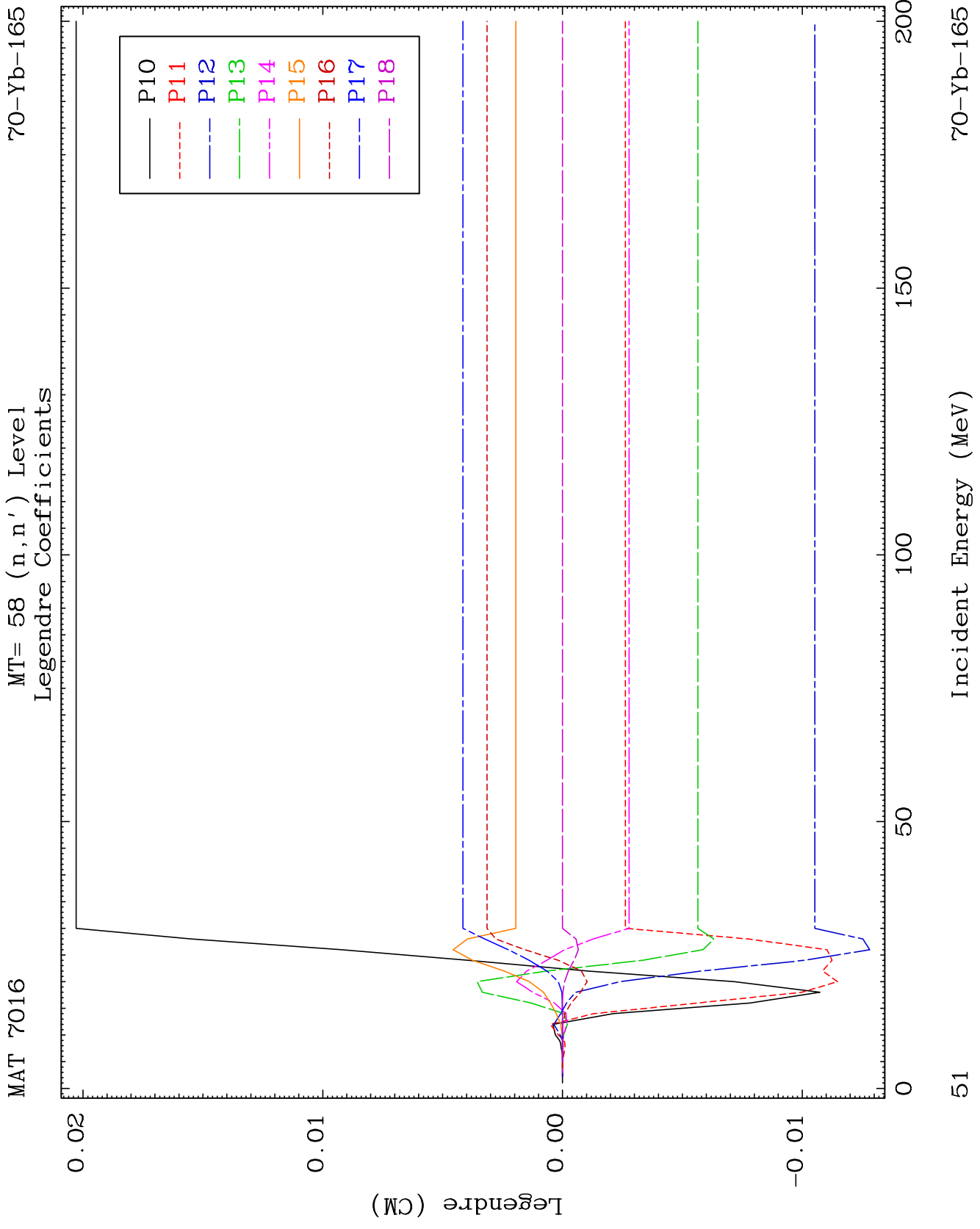


49

Incident Energy (MeV)

70-Yb-165

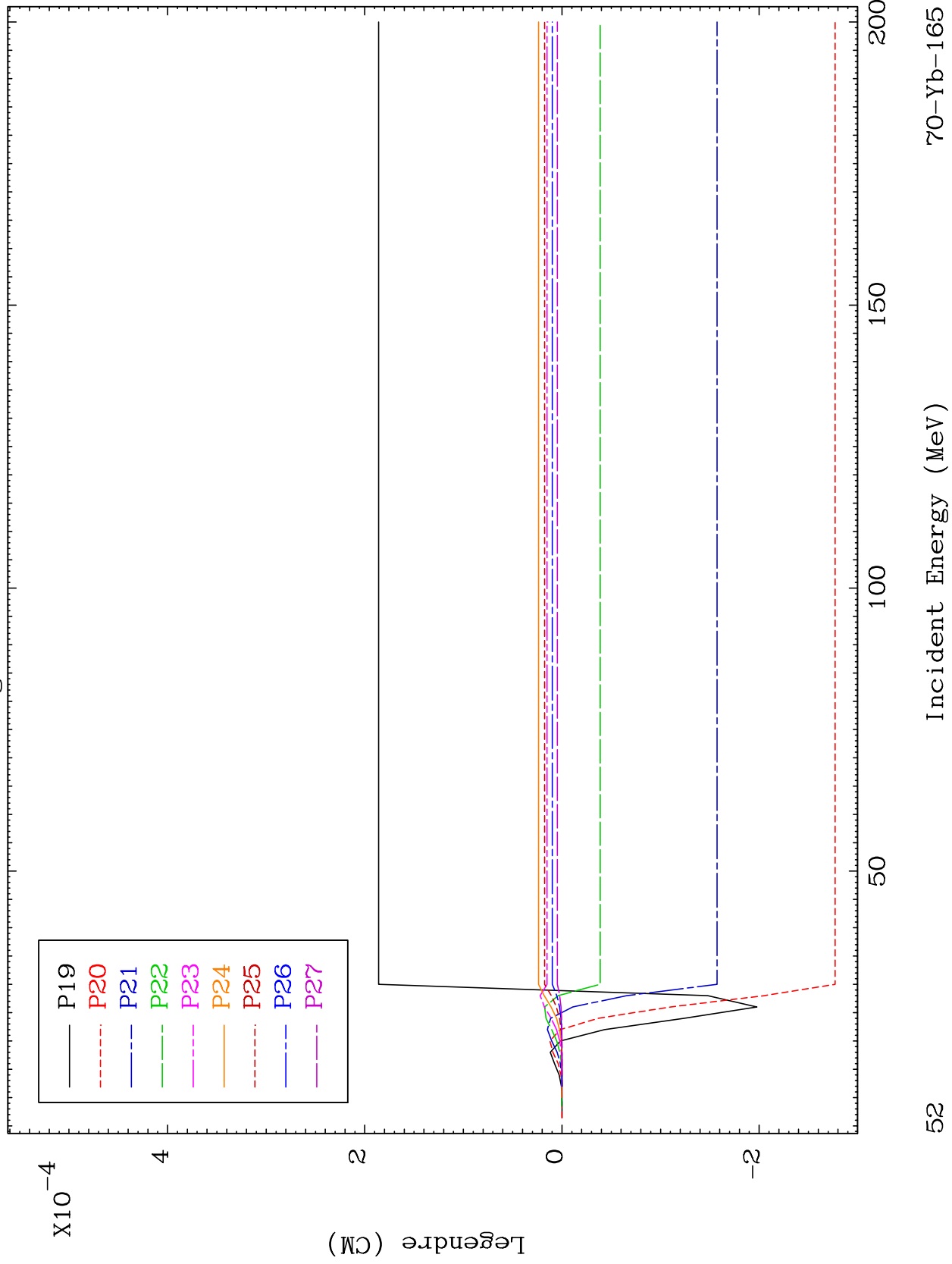




MAT 7016

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

70-Yb-165



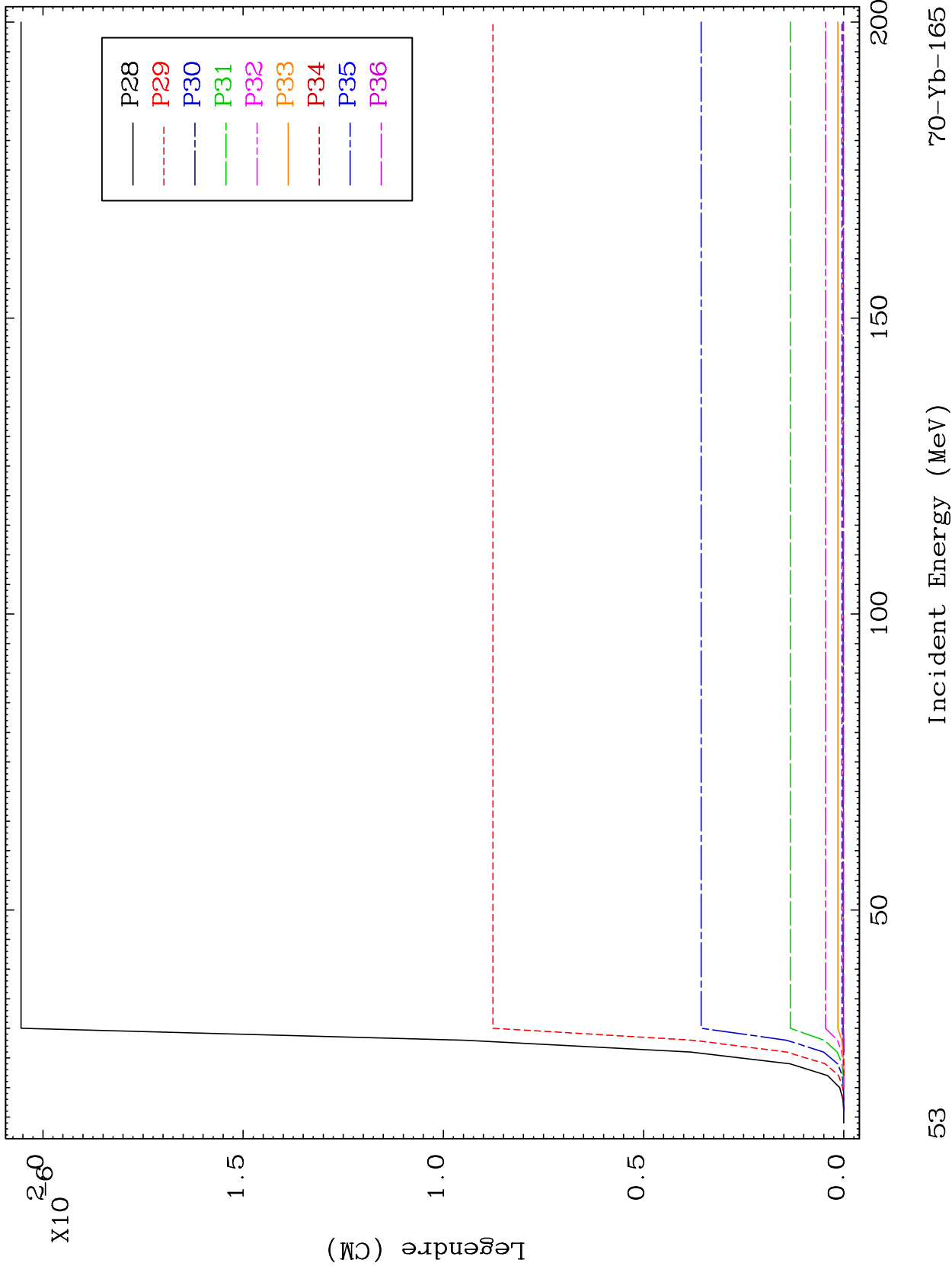
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70-Yb-165

MAT 7016

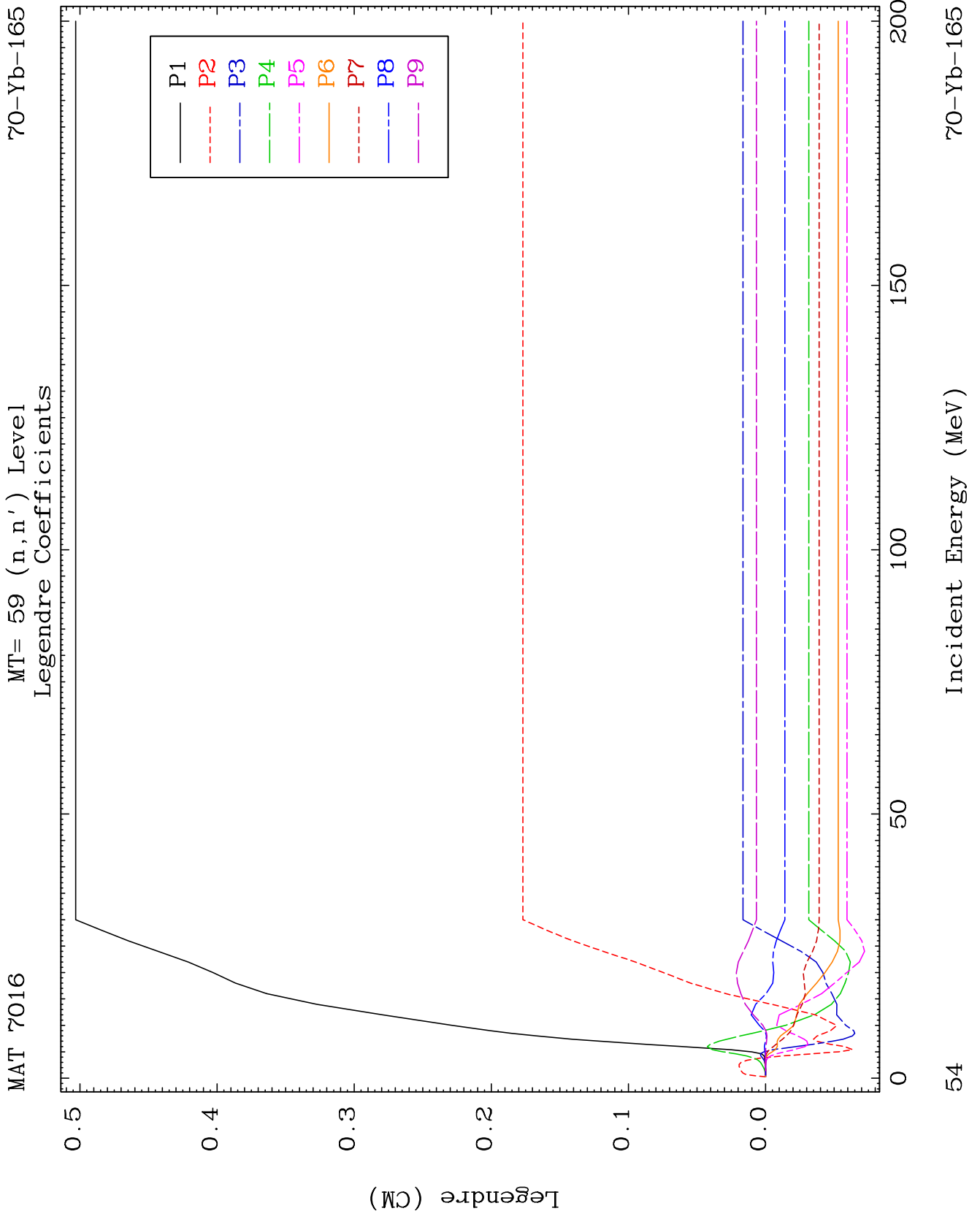
MT= 58 (n,n') Level
Legendre Coefficients

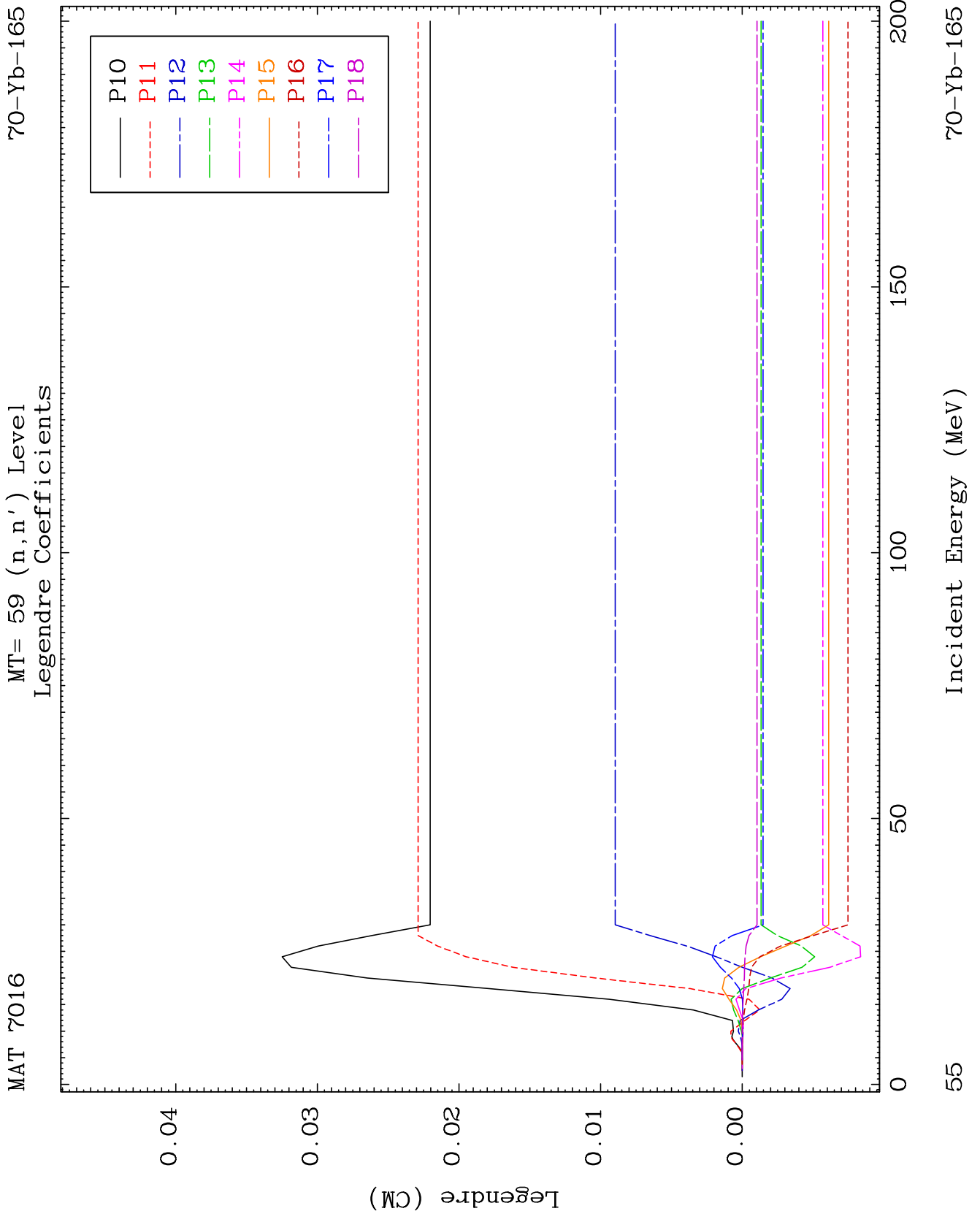
70-Yb-165



53

70-Yb-165

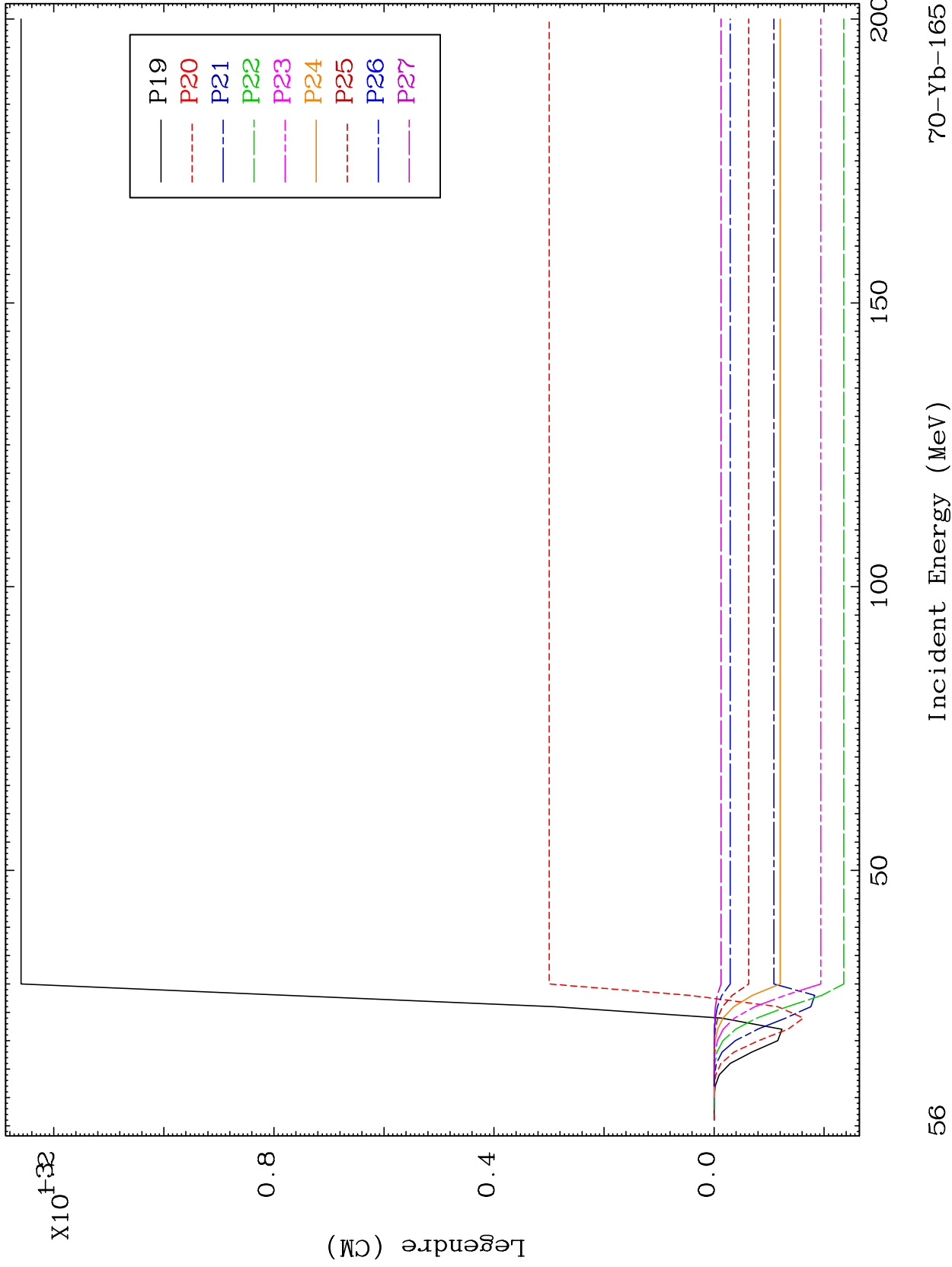




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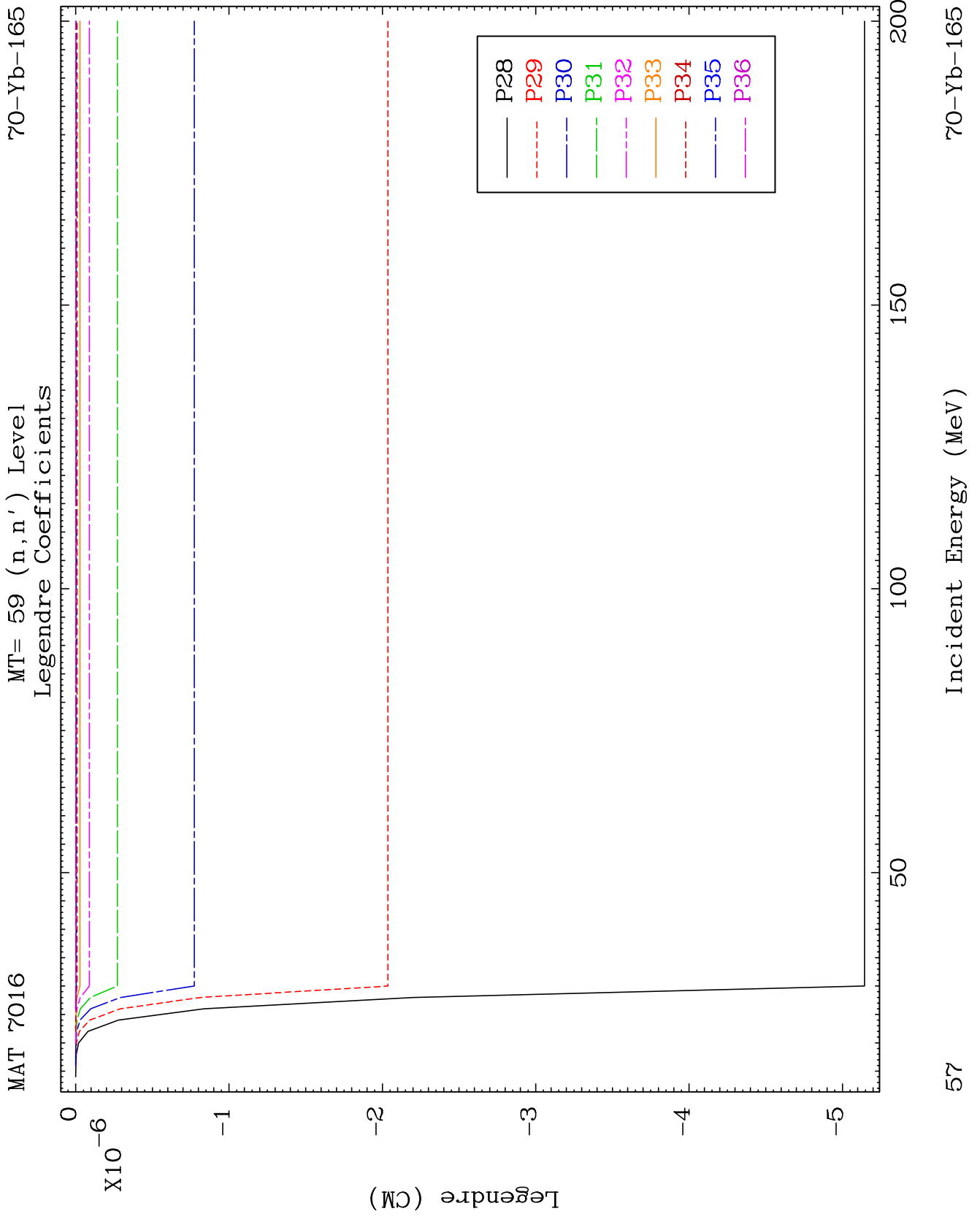
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Legendre Coefficients

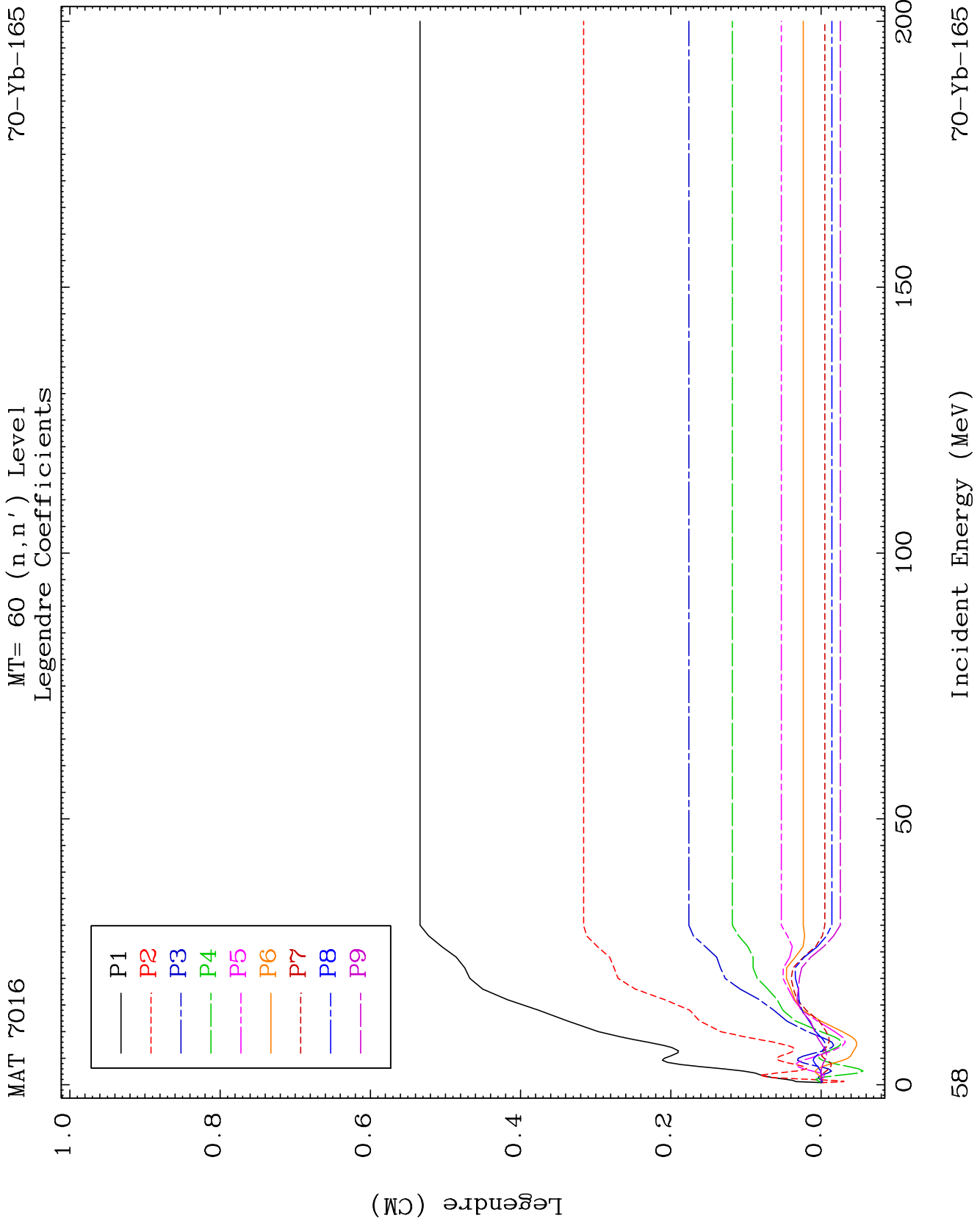
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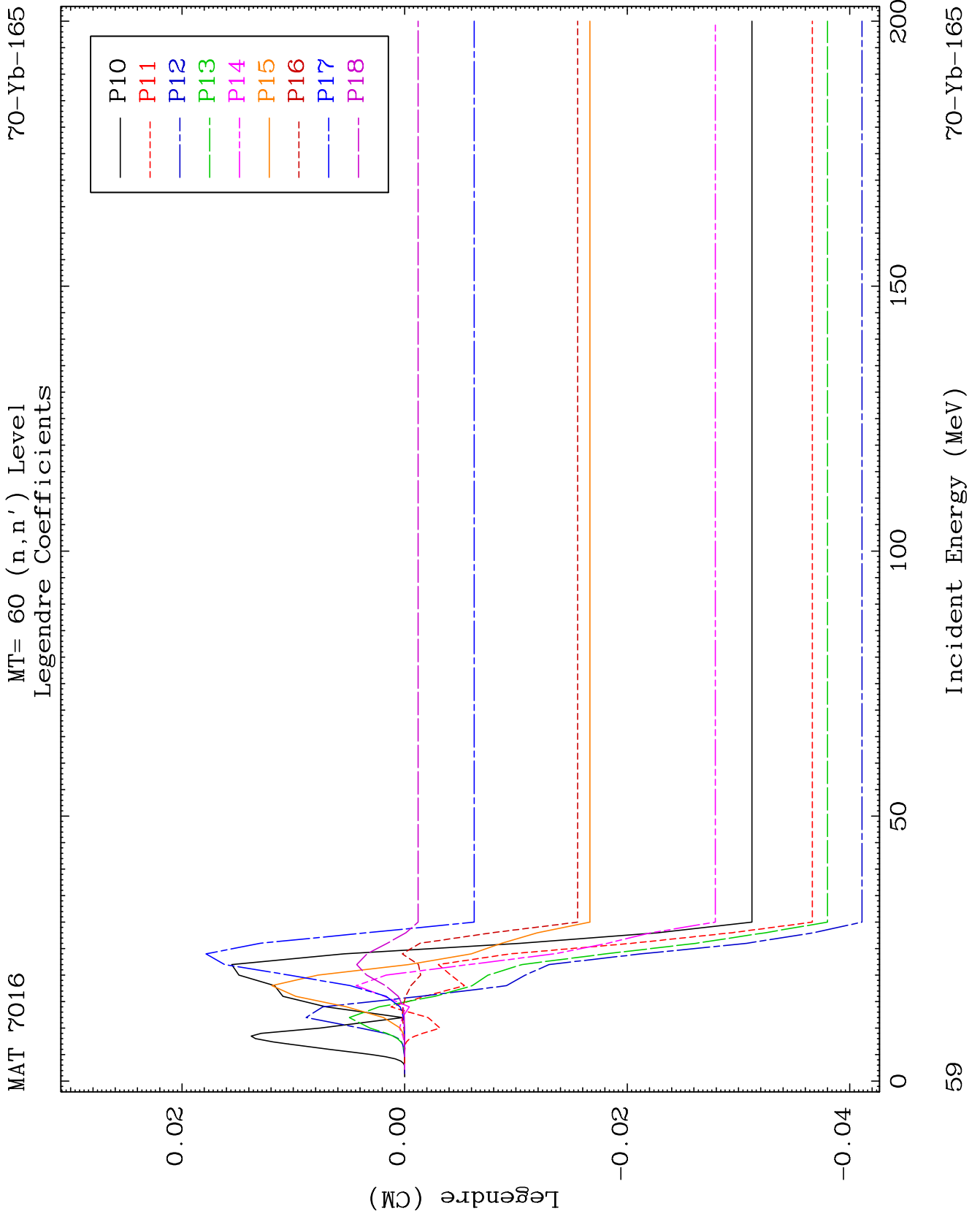


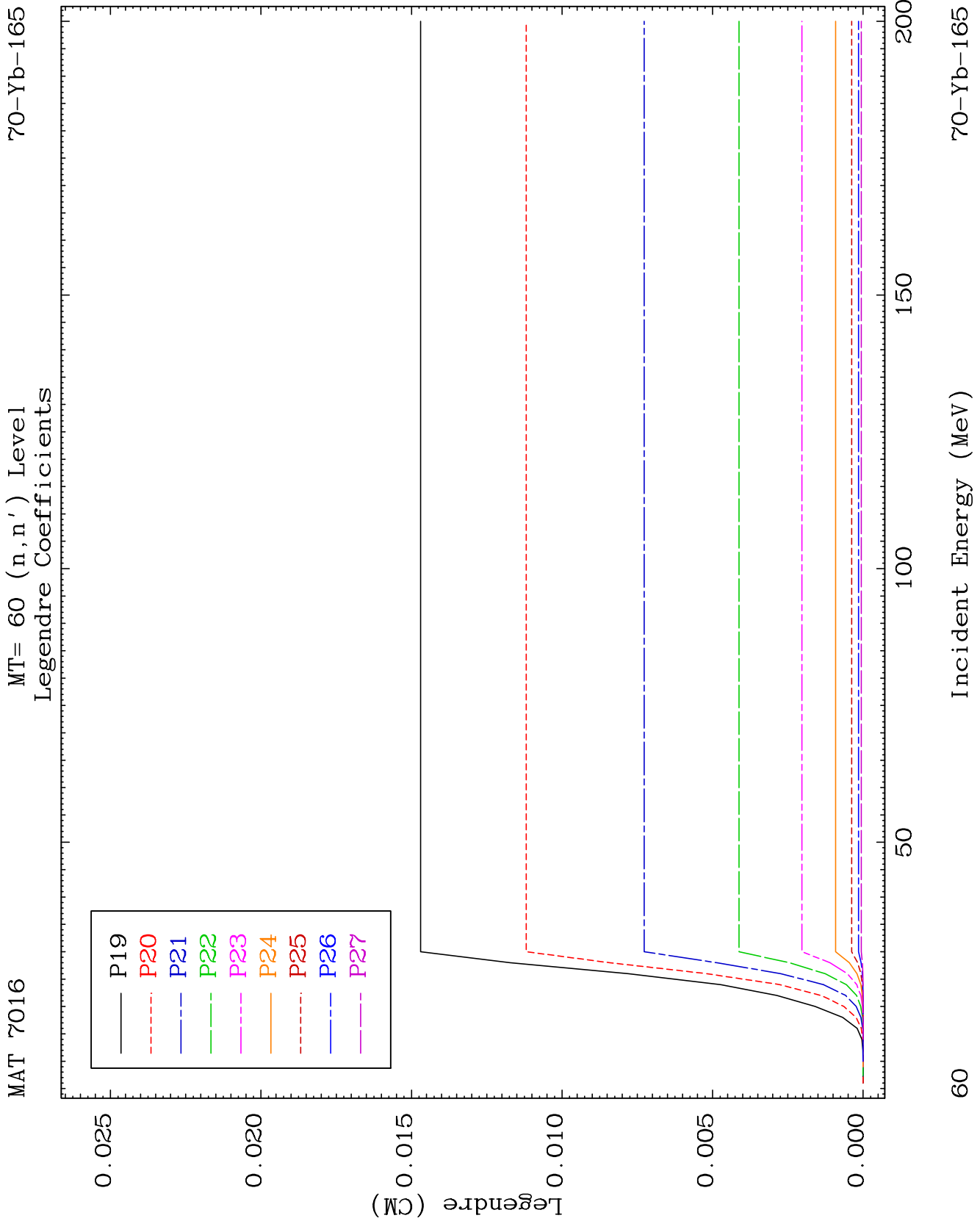
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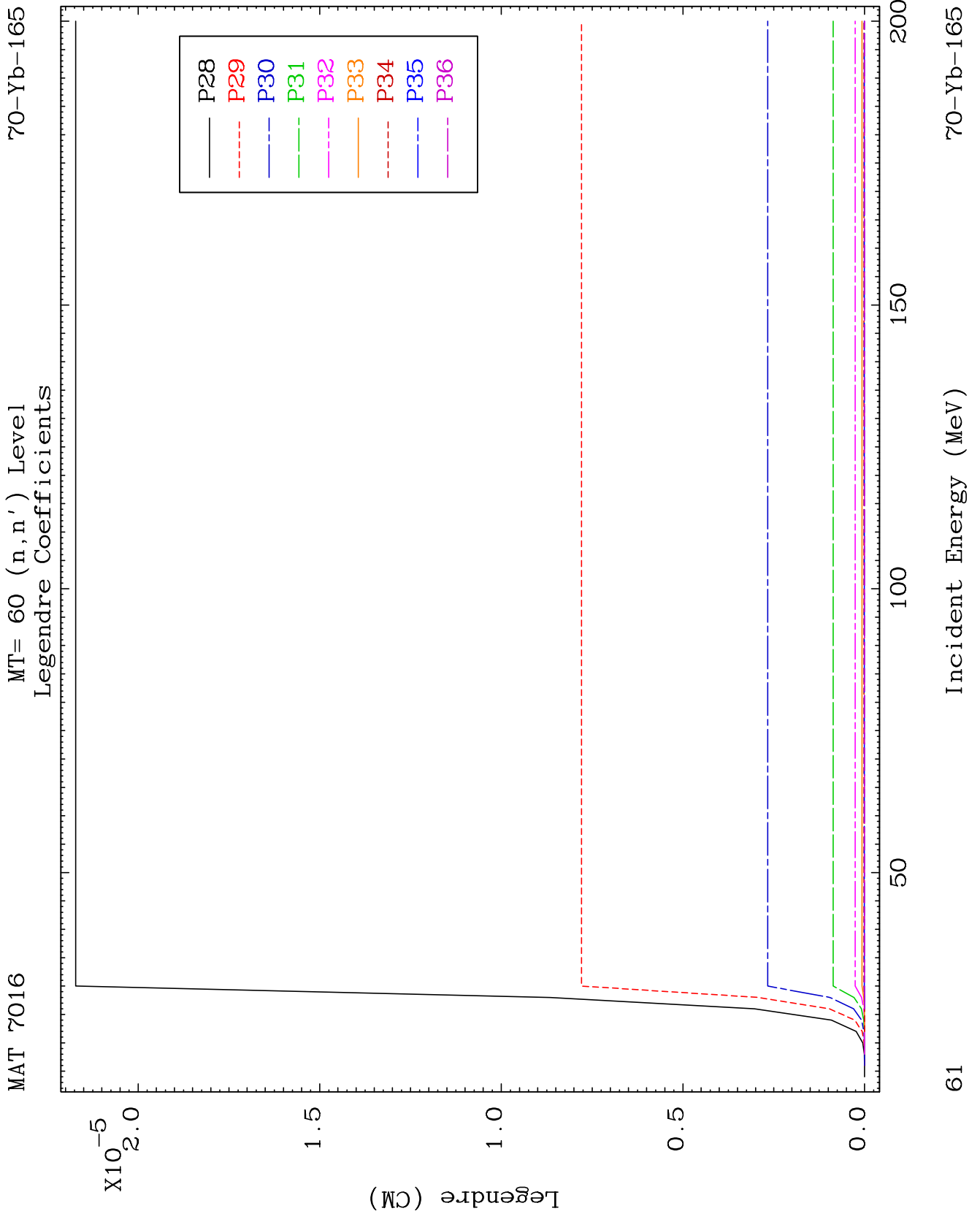
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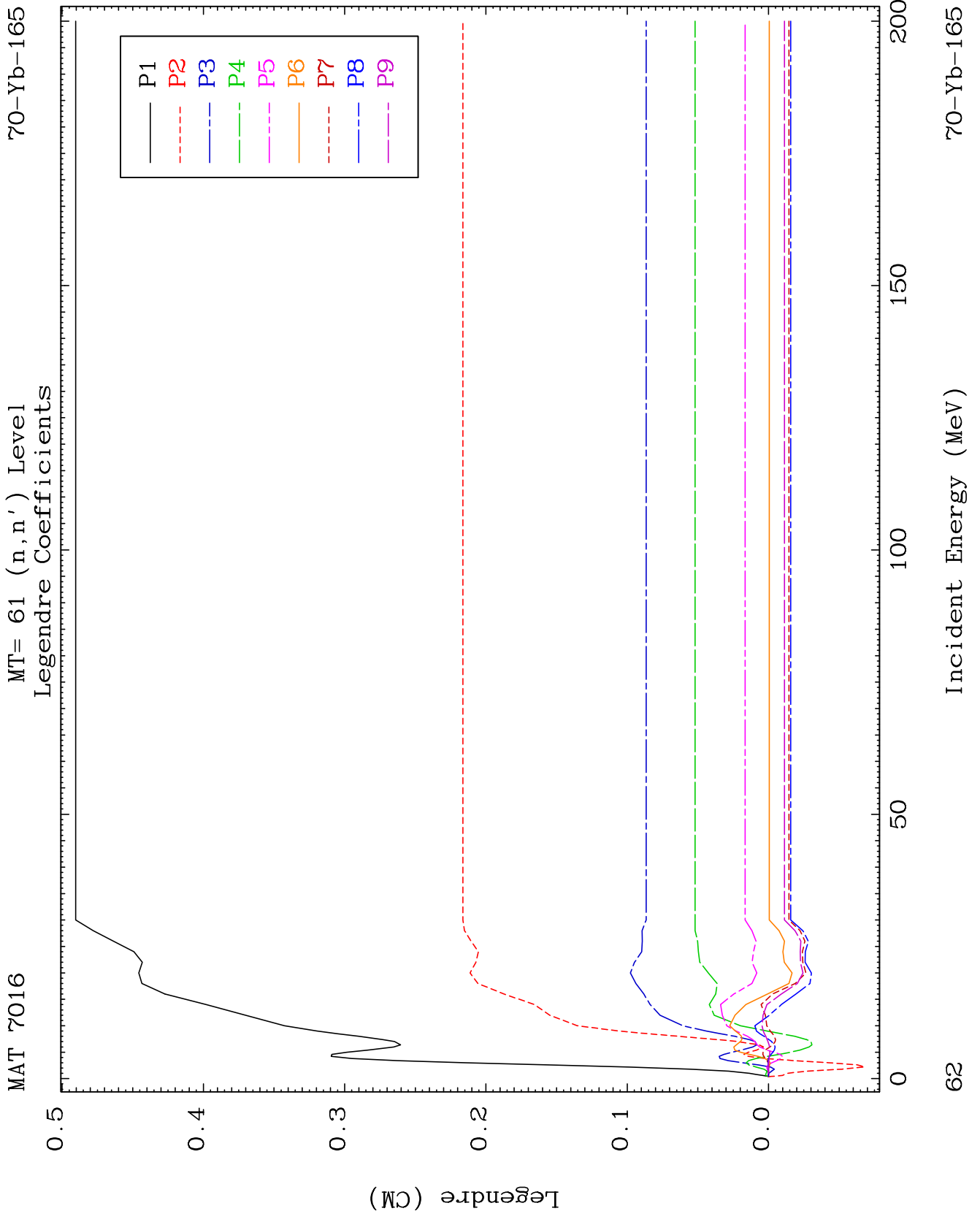


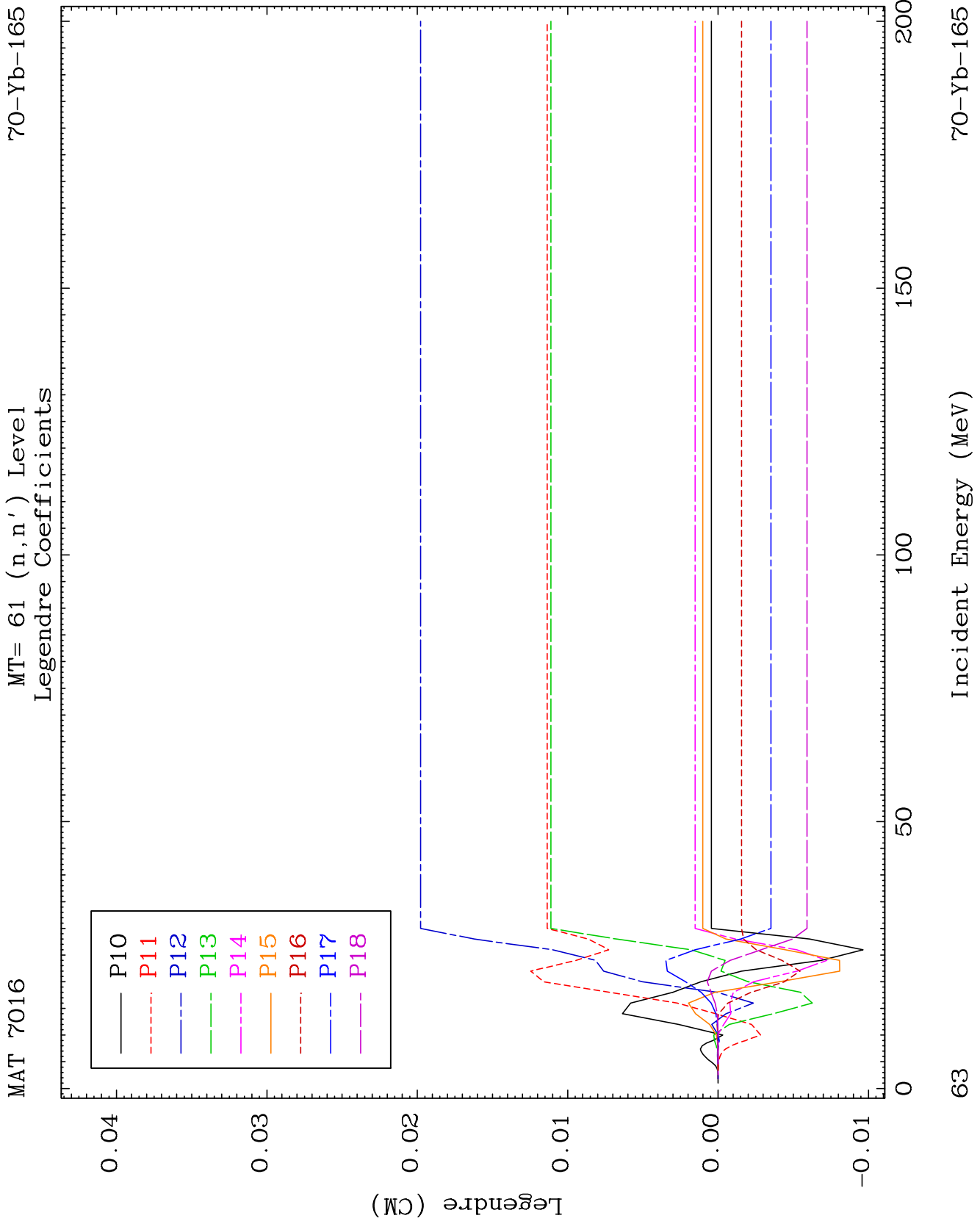








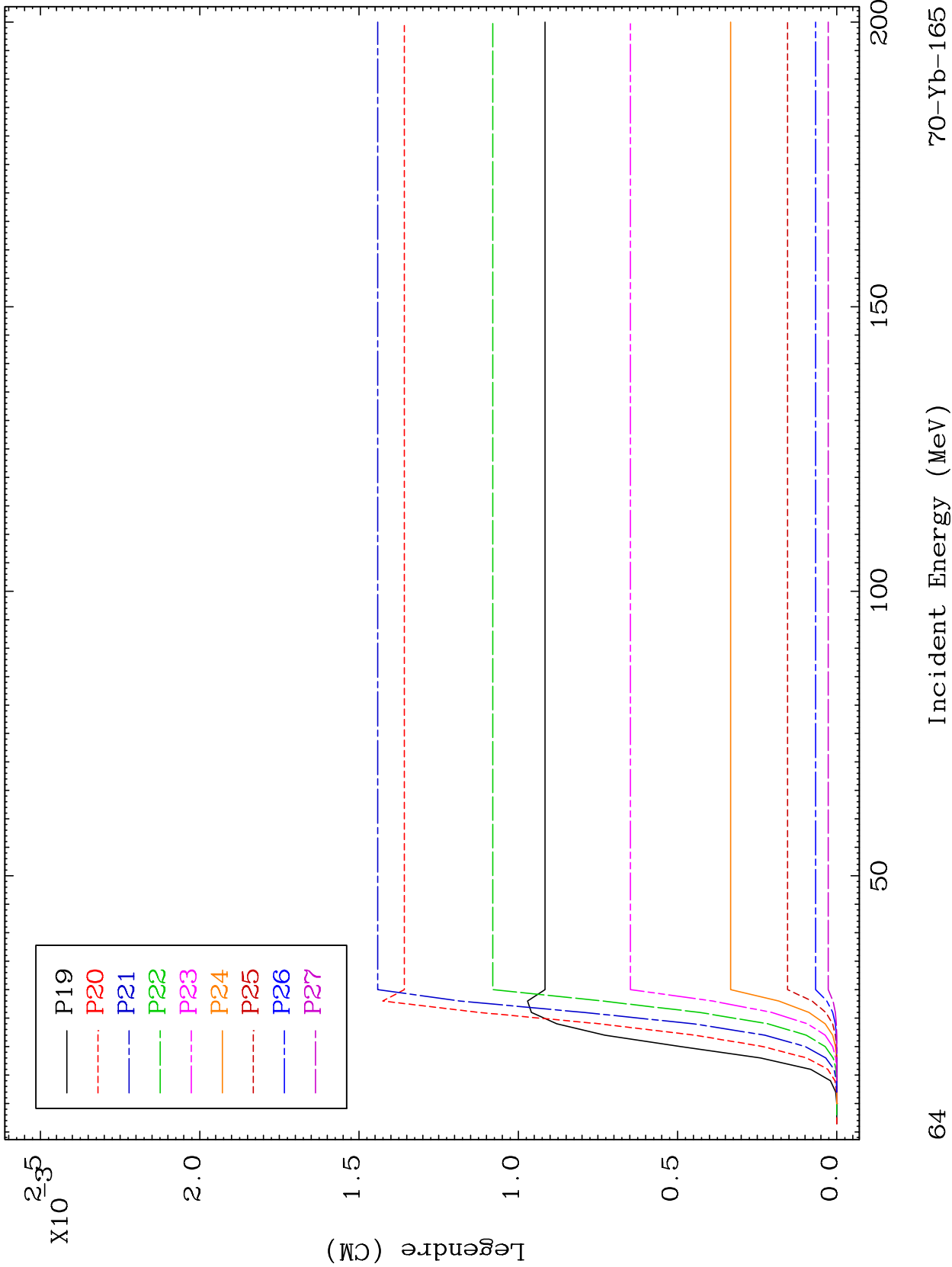




MAT 7016

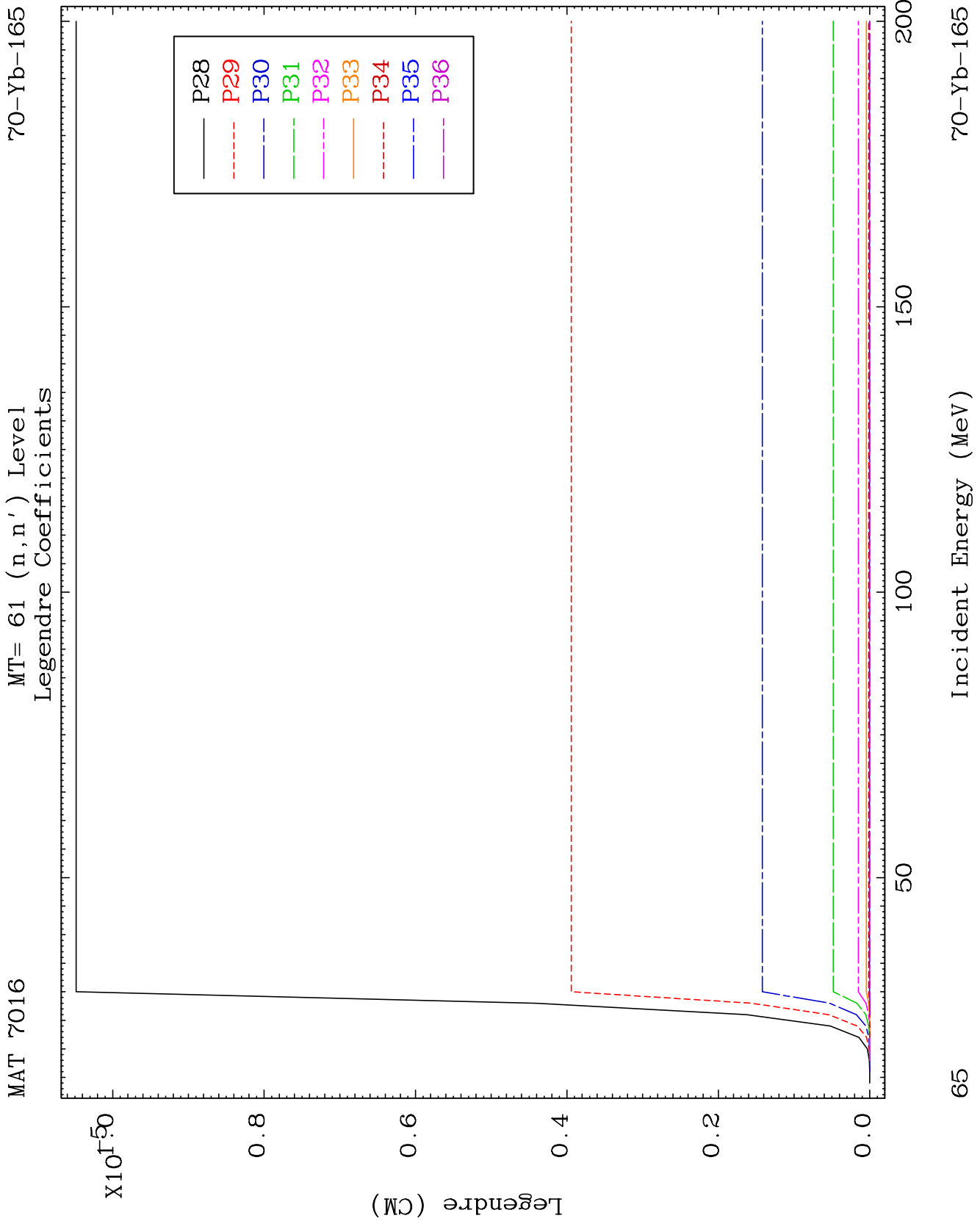
MT= 61 (n,n') Level
Legendre Coefficients

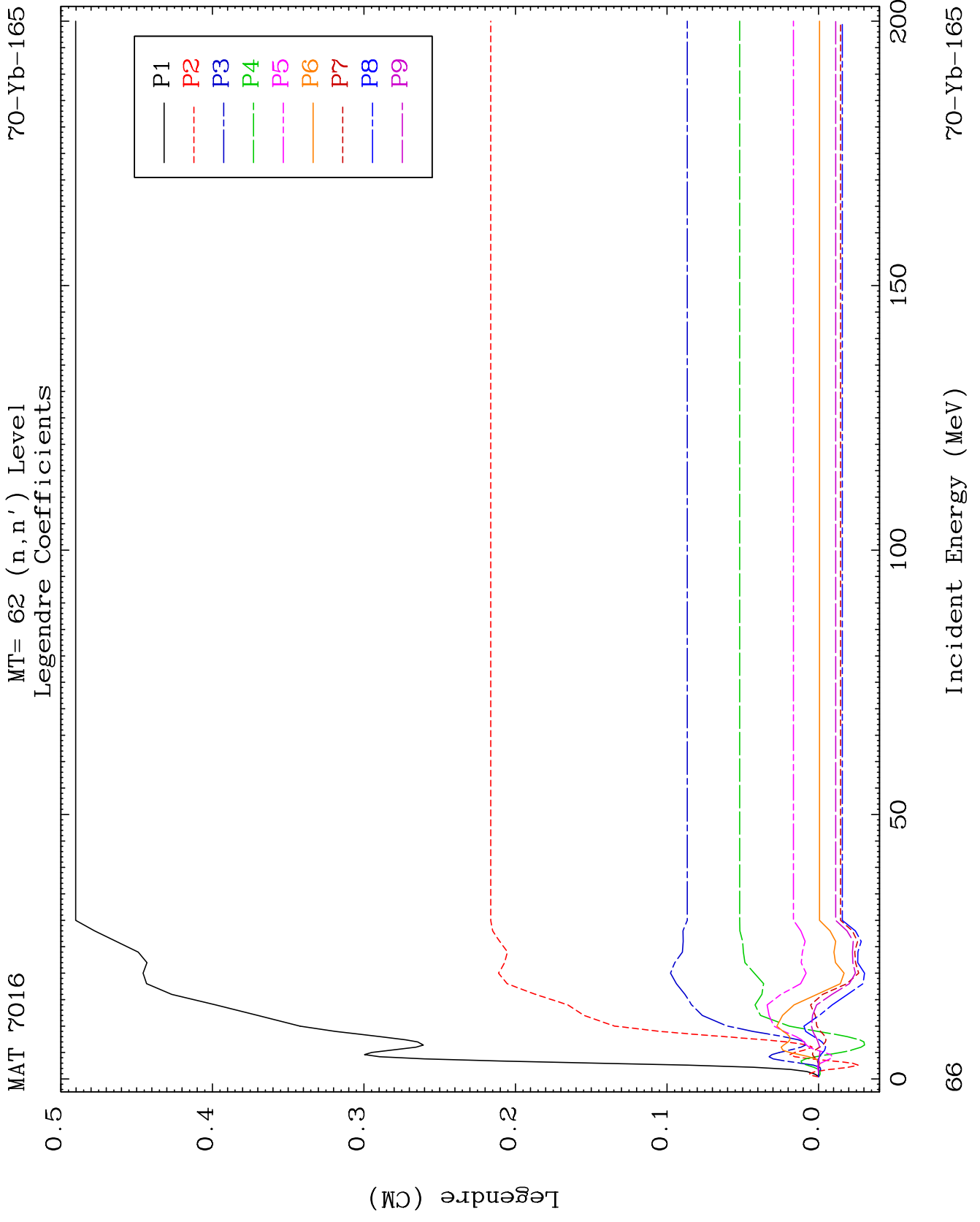
70-Yb-165



64

70-Yb-165

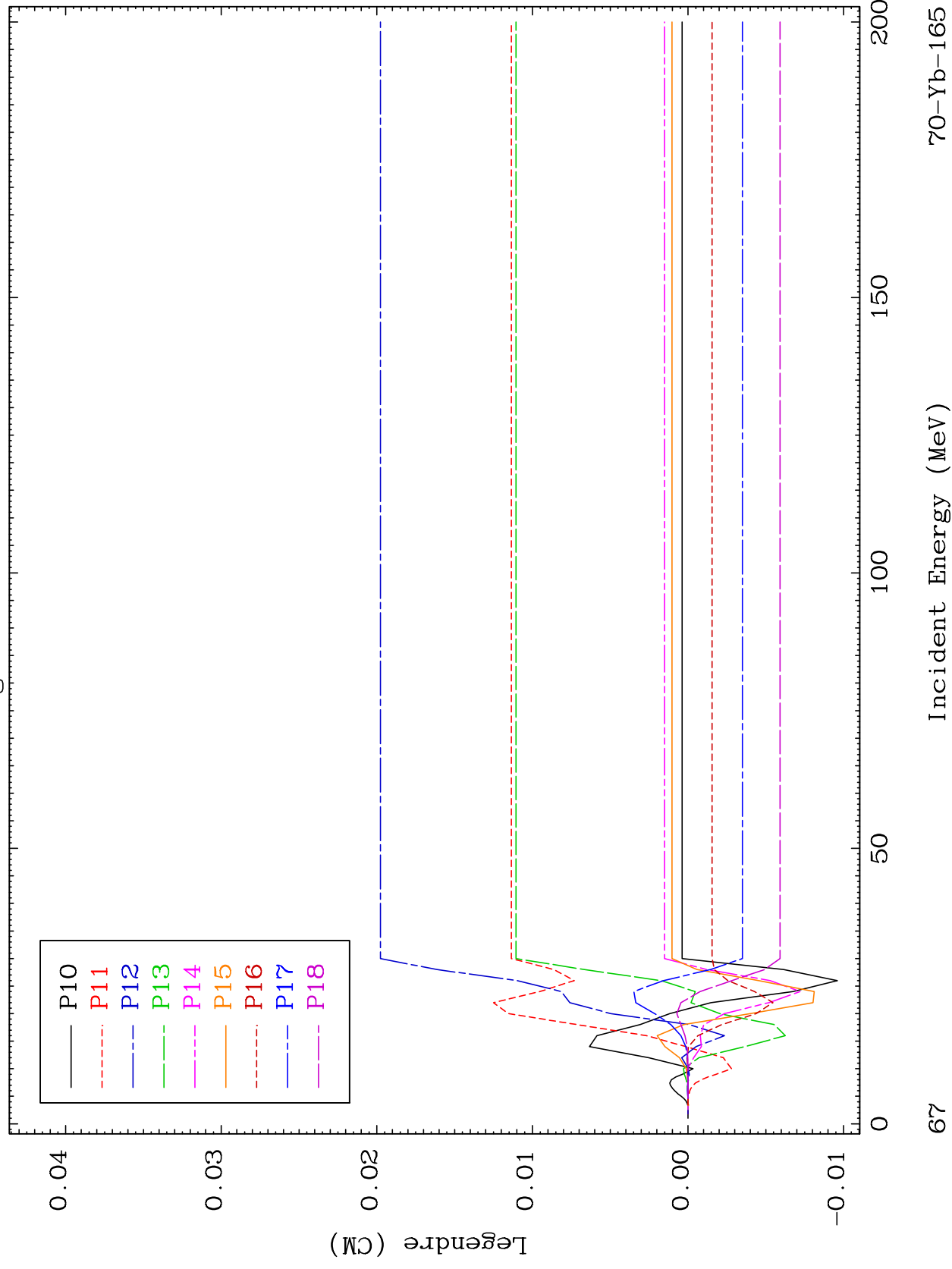




MAT 7016

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

70-Yb-165



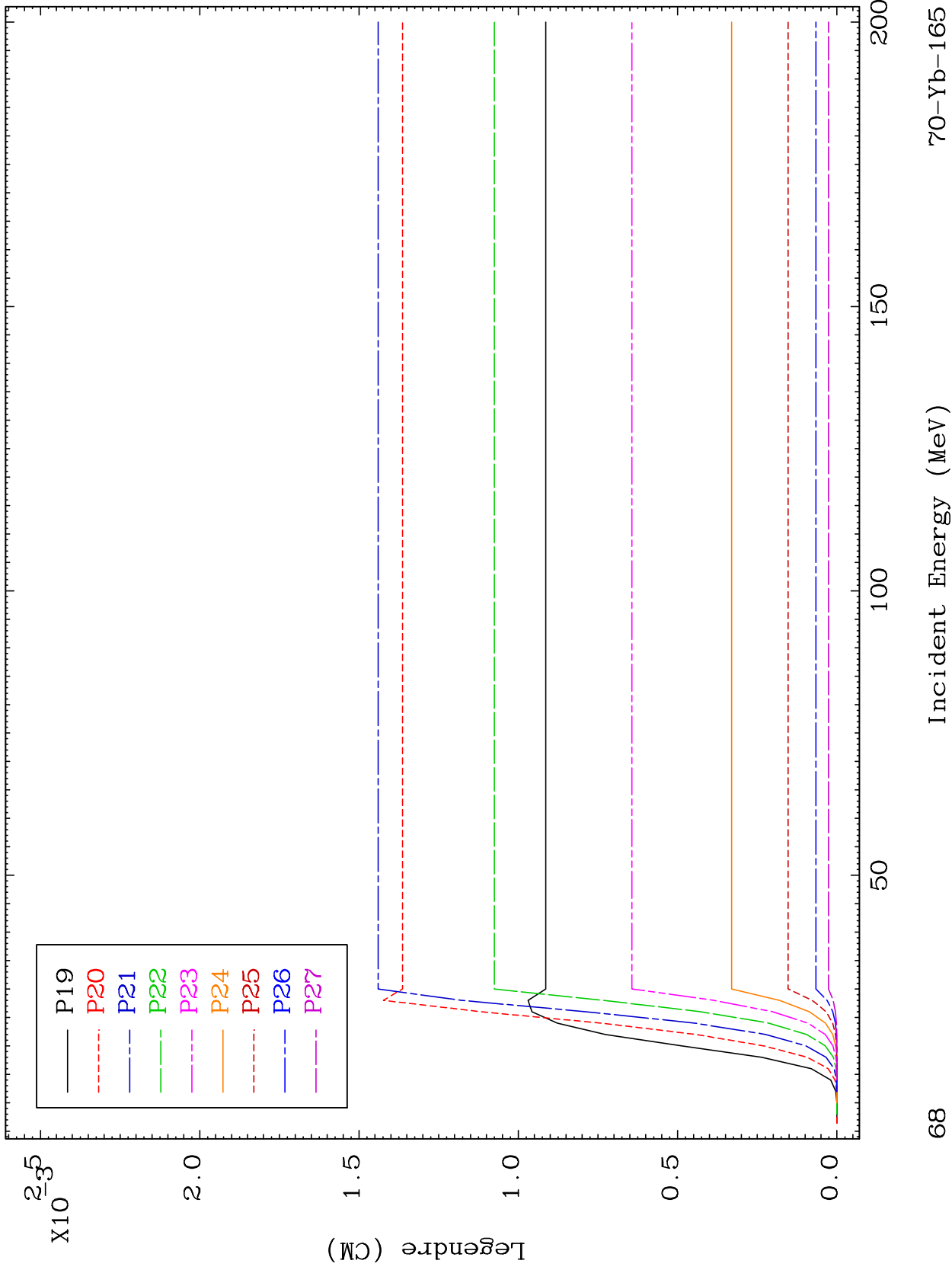
67

70-Yb-165

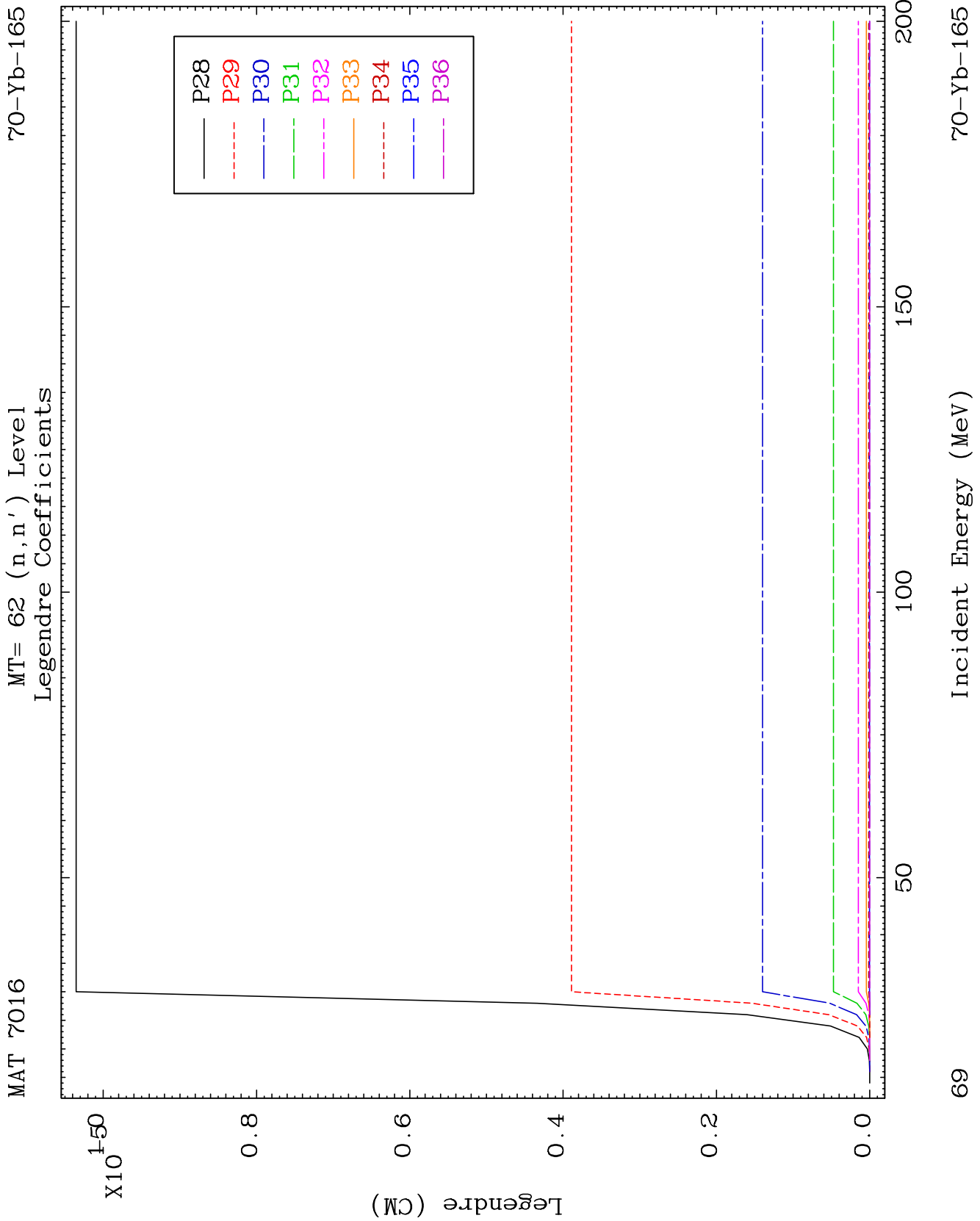
MAT 7016

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

70-Yb-165



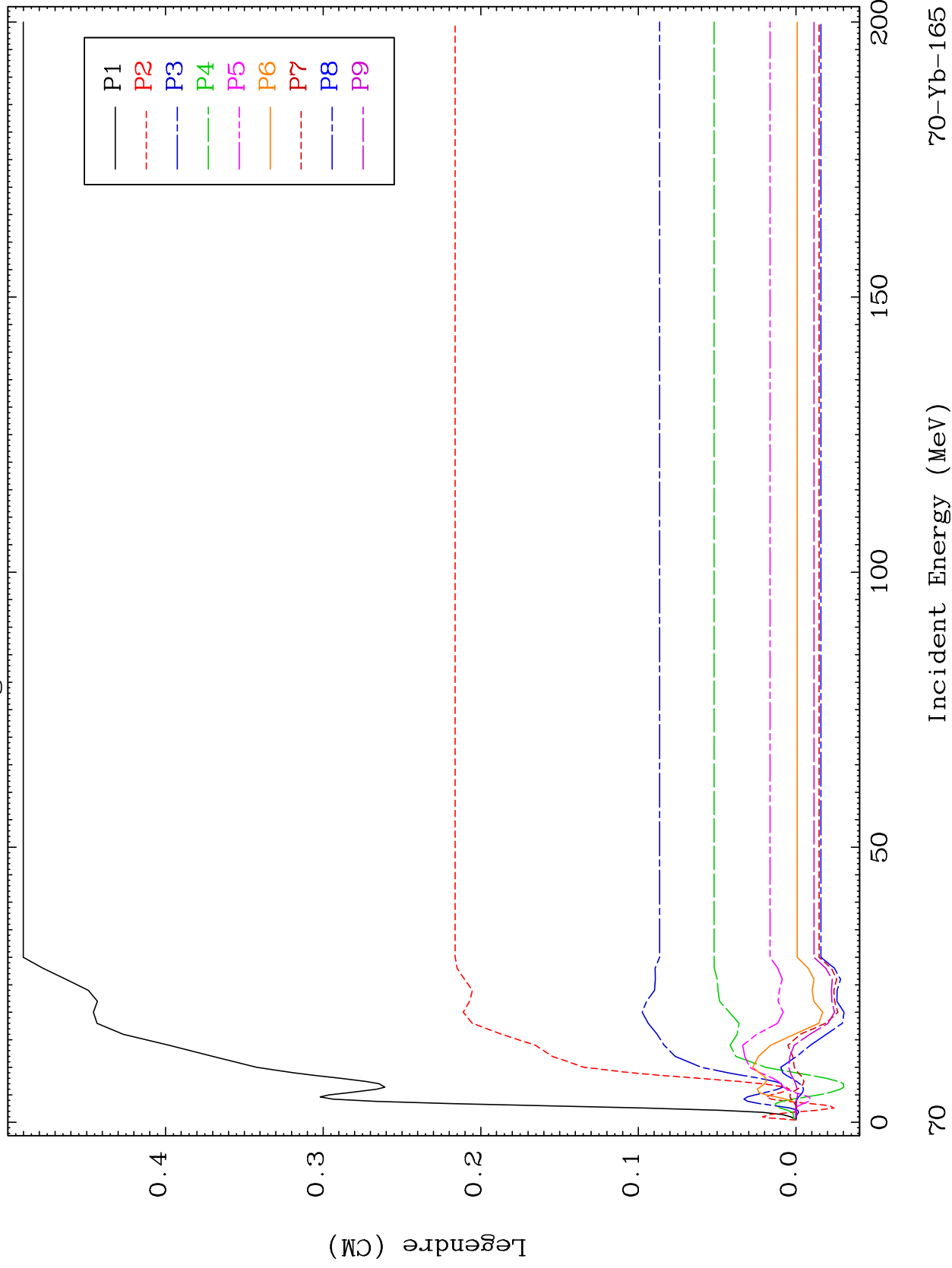
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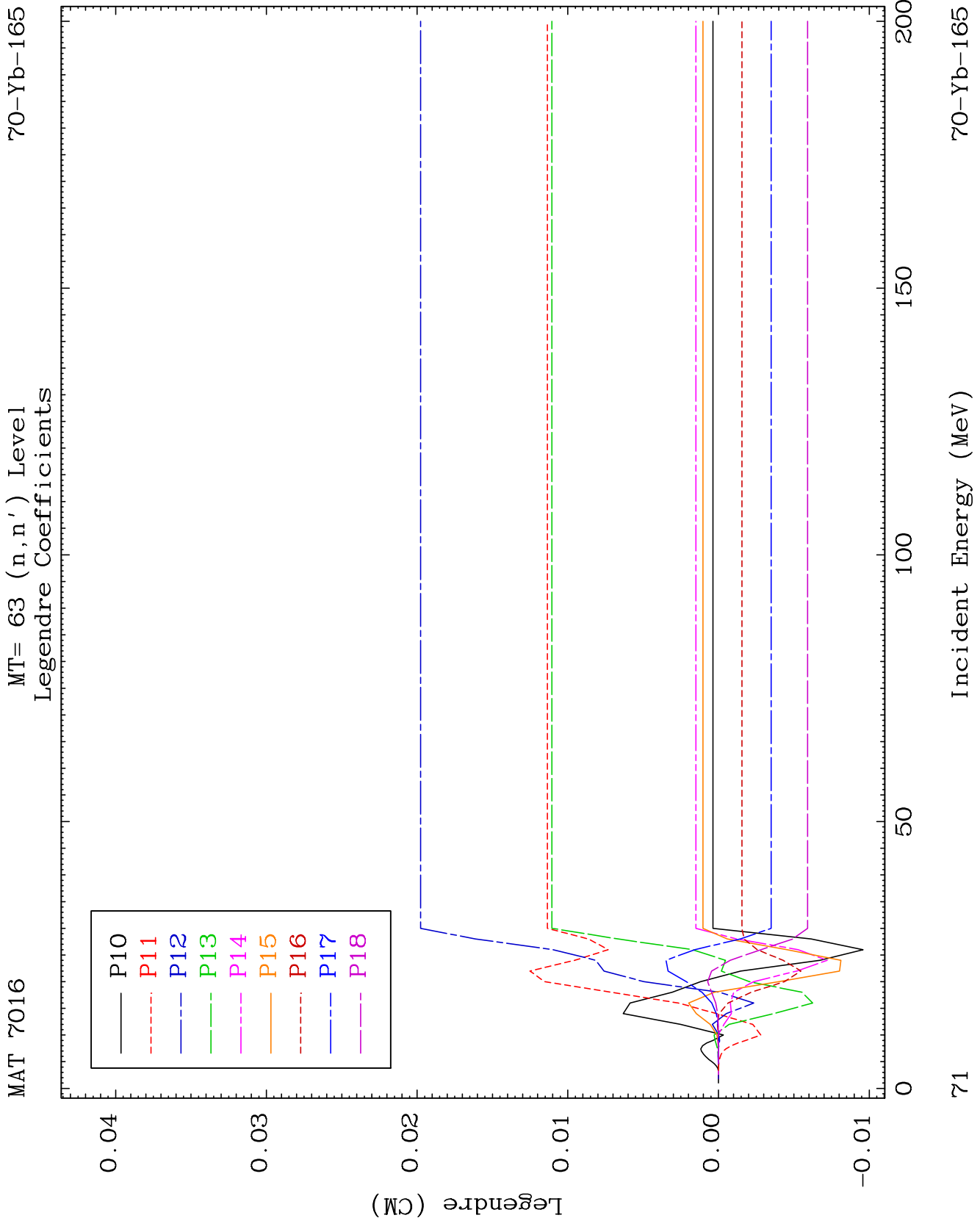


MAT 7016

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

70-Yb-165

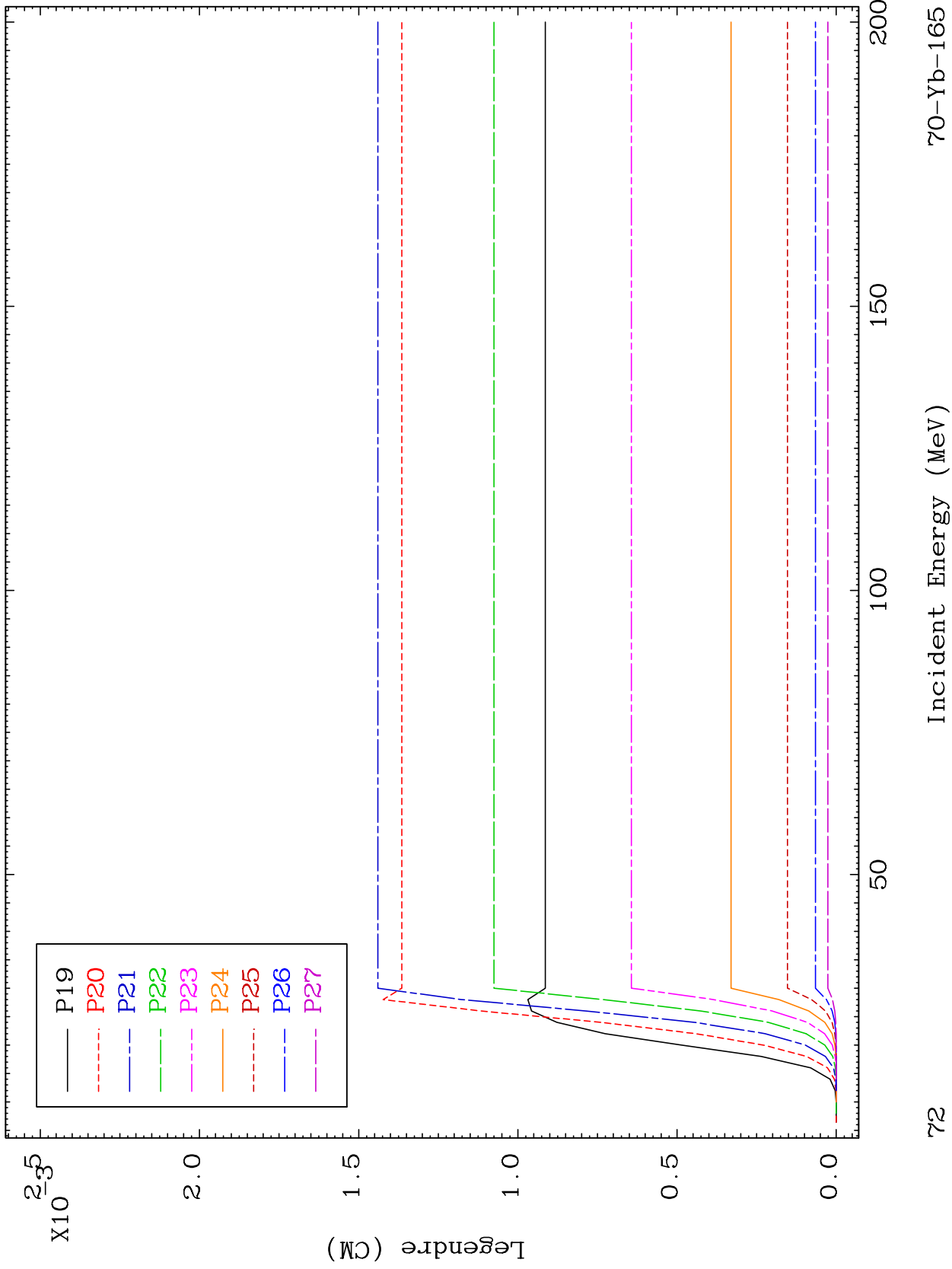




MAT 7016

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

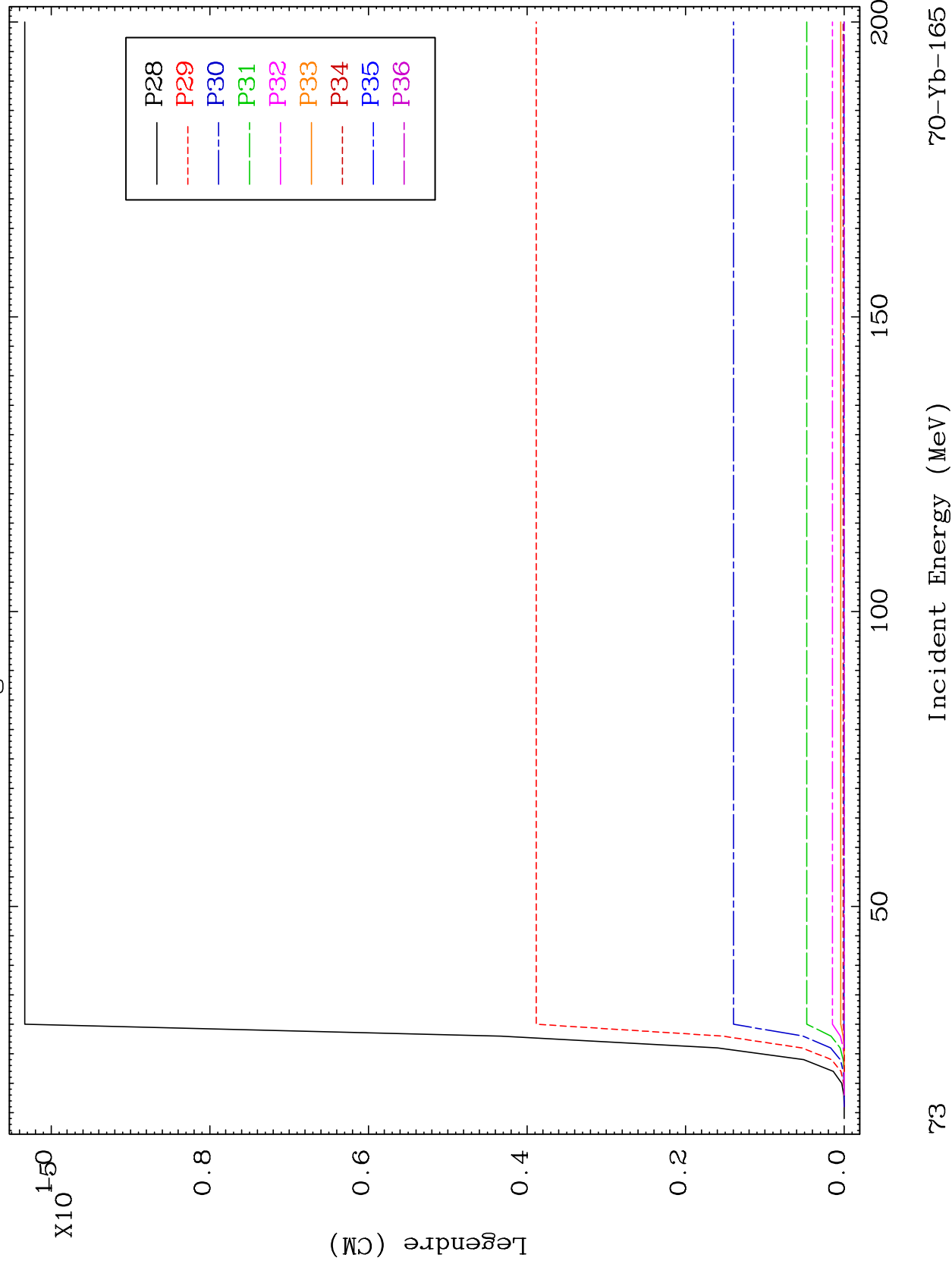
70-Yb-165



MAT 7016

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

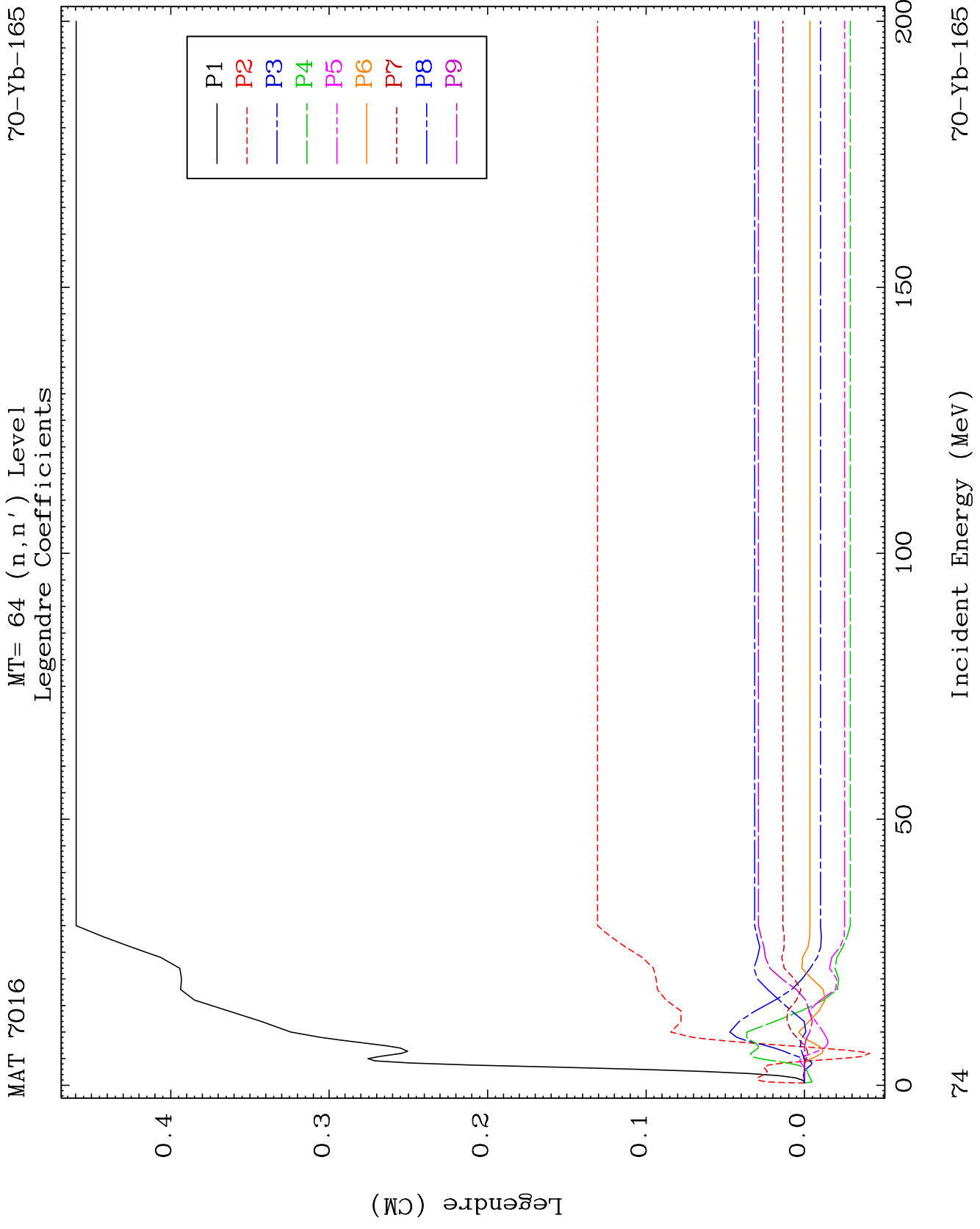
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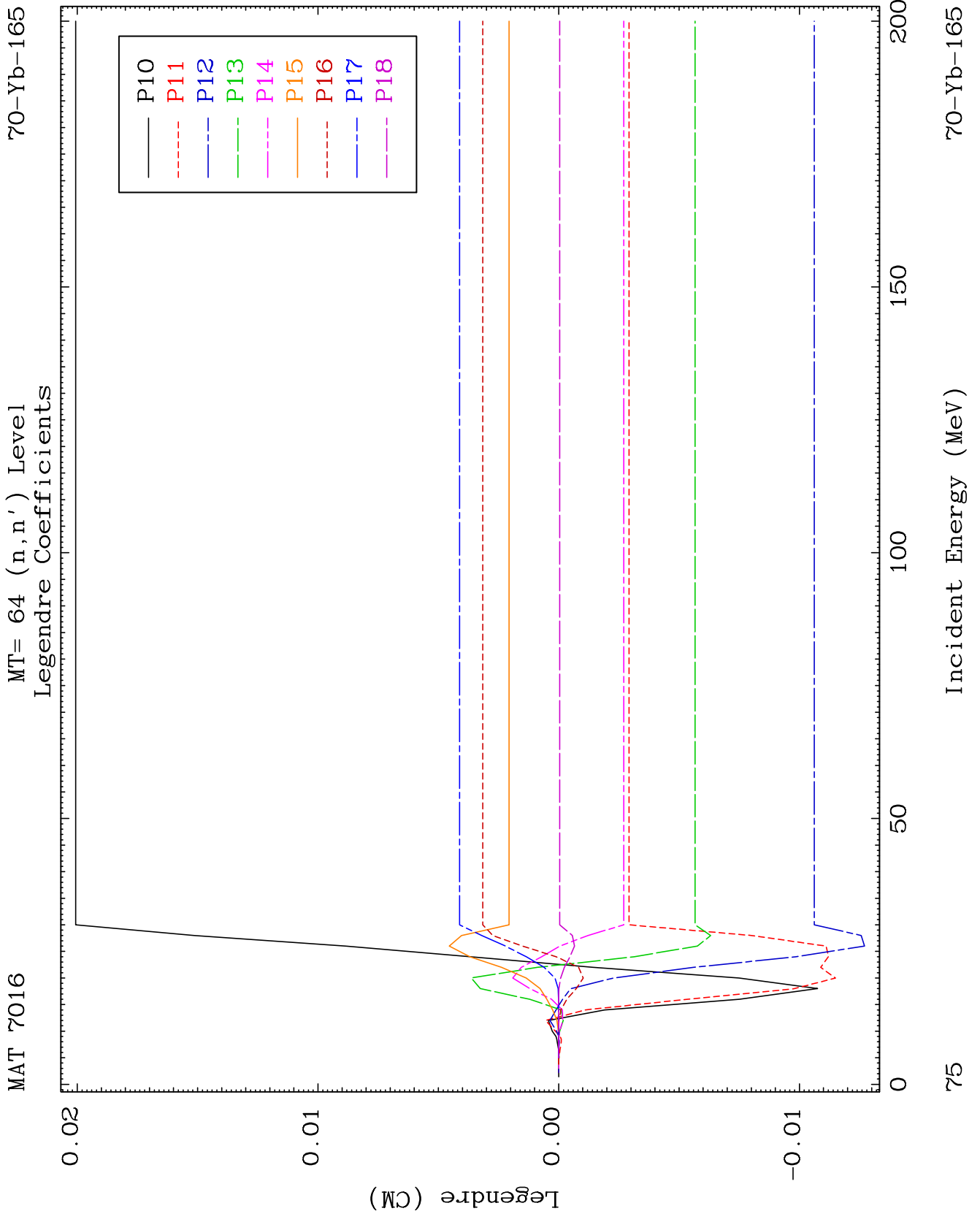


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Incident Energy (MeV)

70-Yb-165

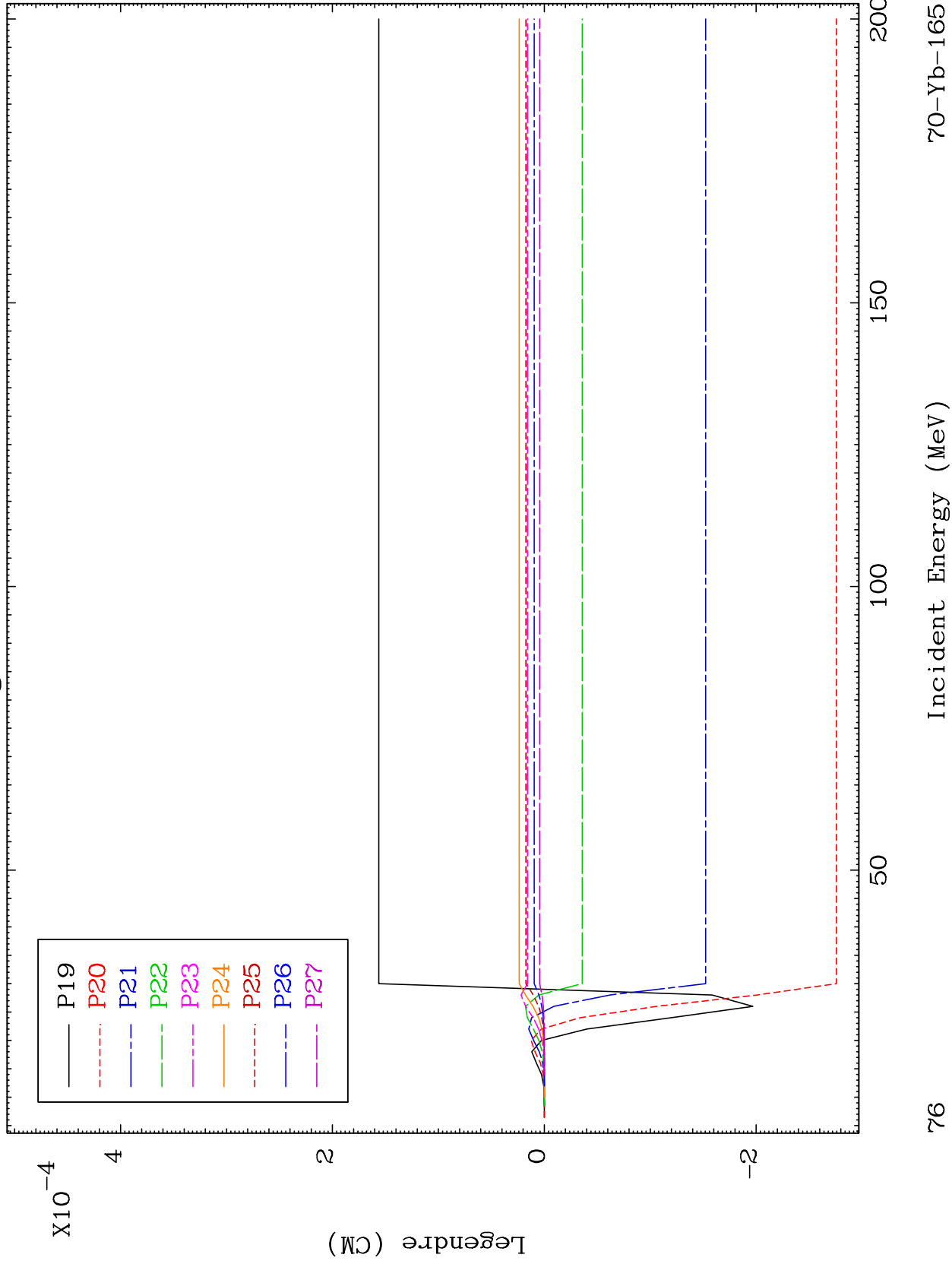




MAT 7016

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

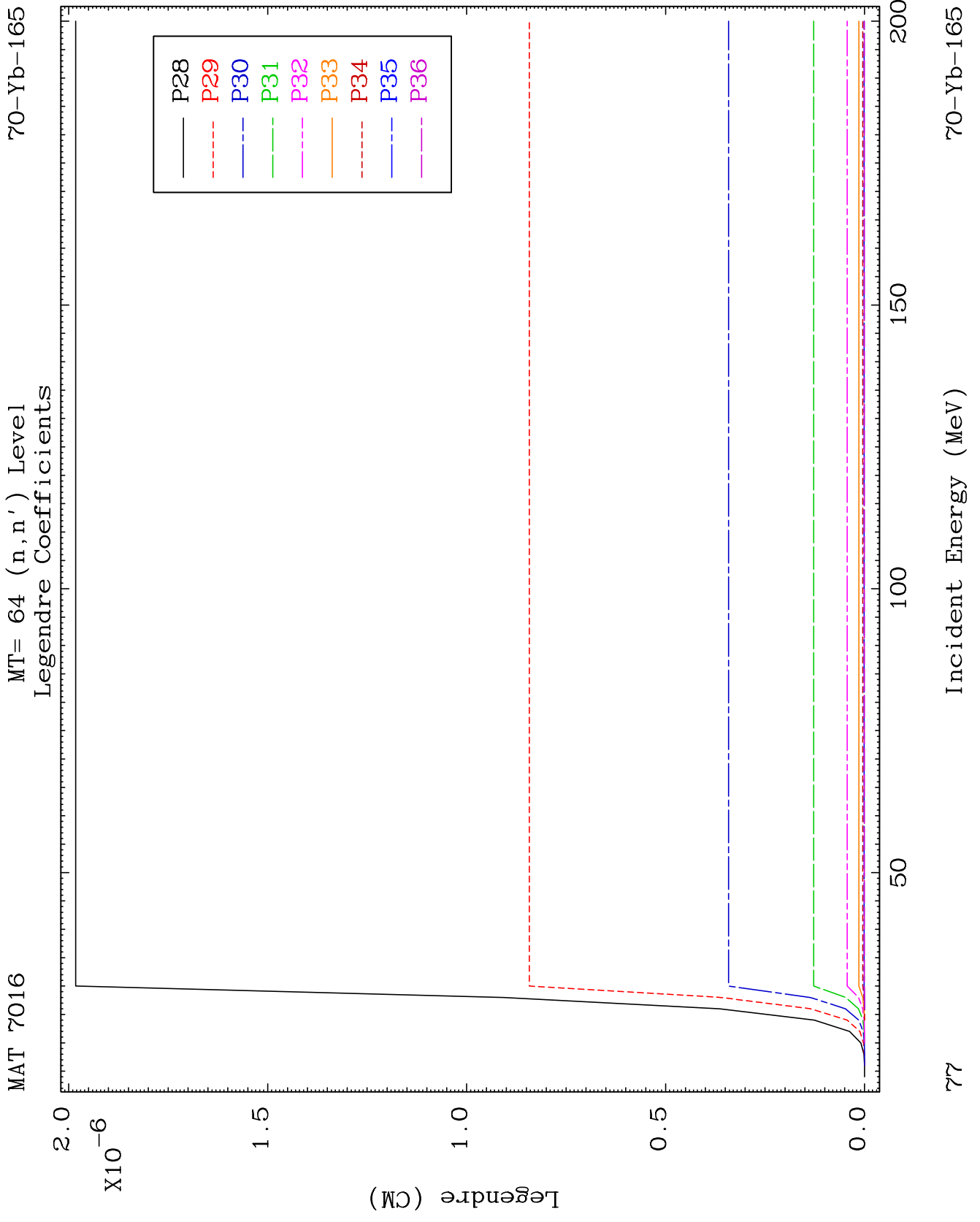
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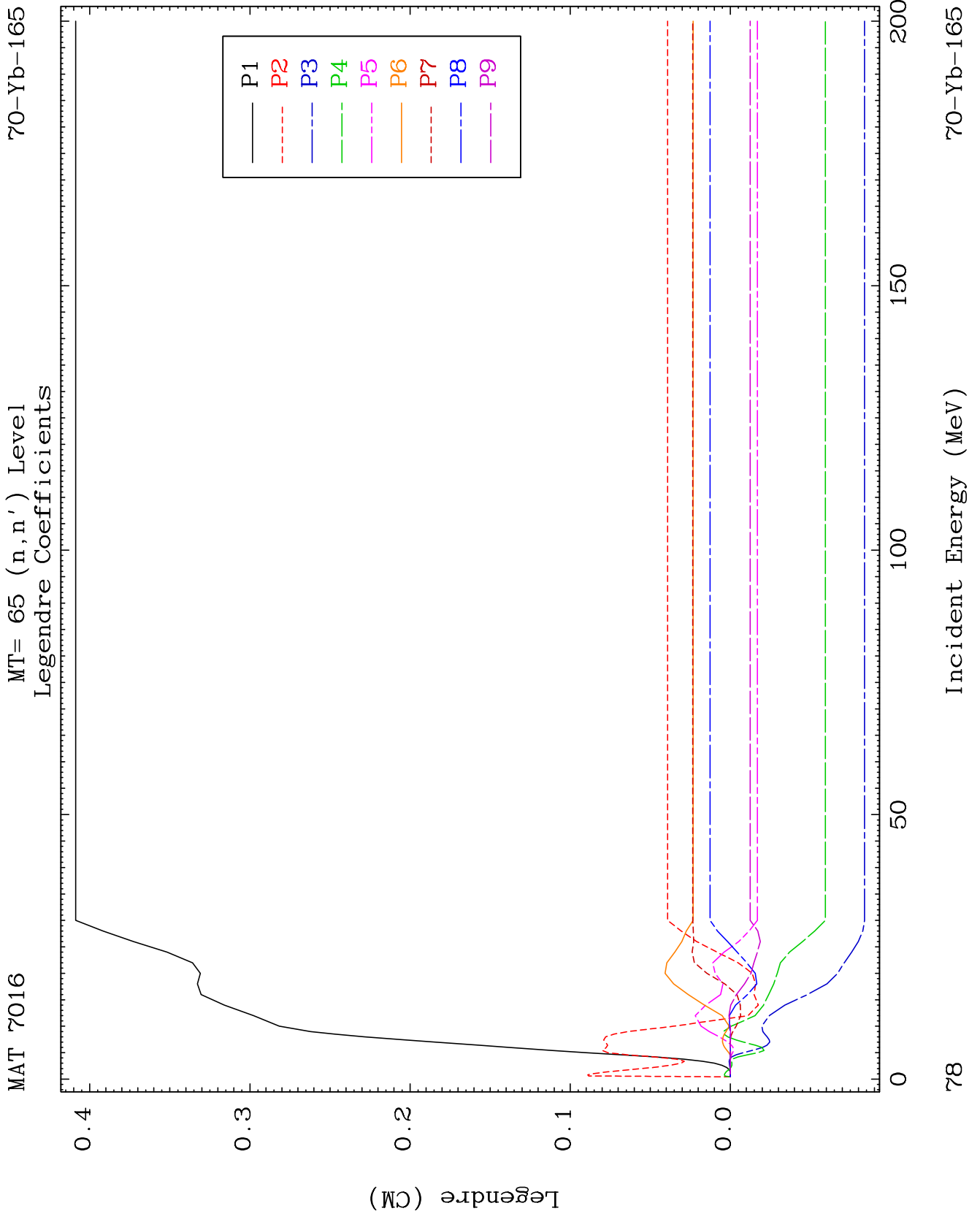


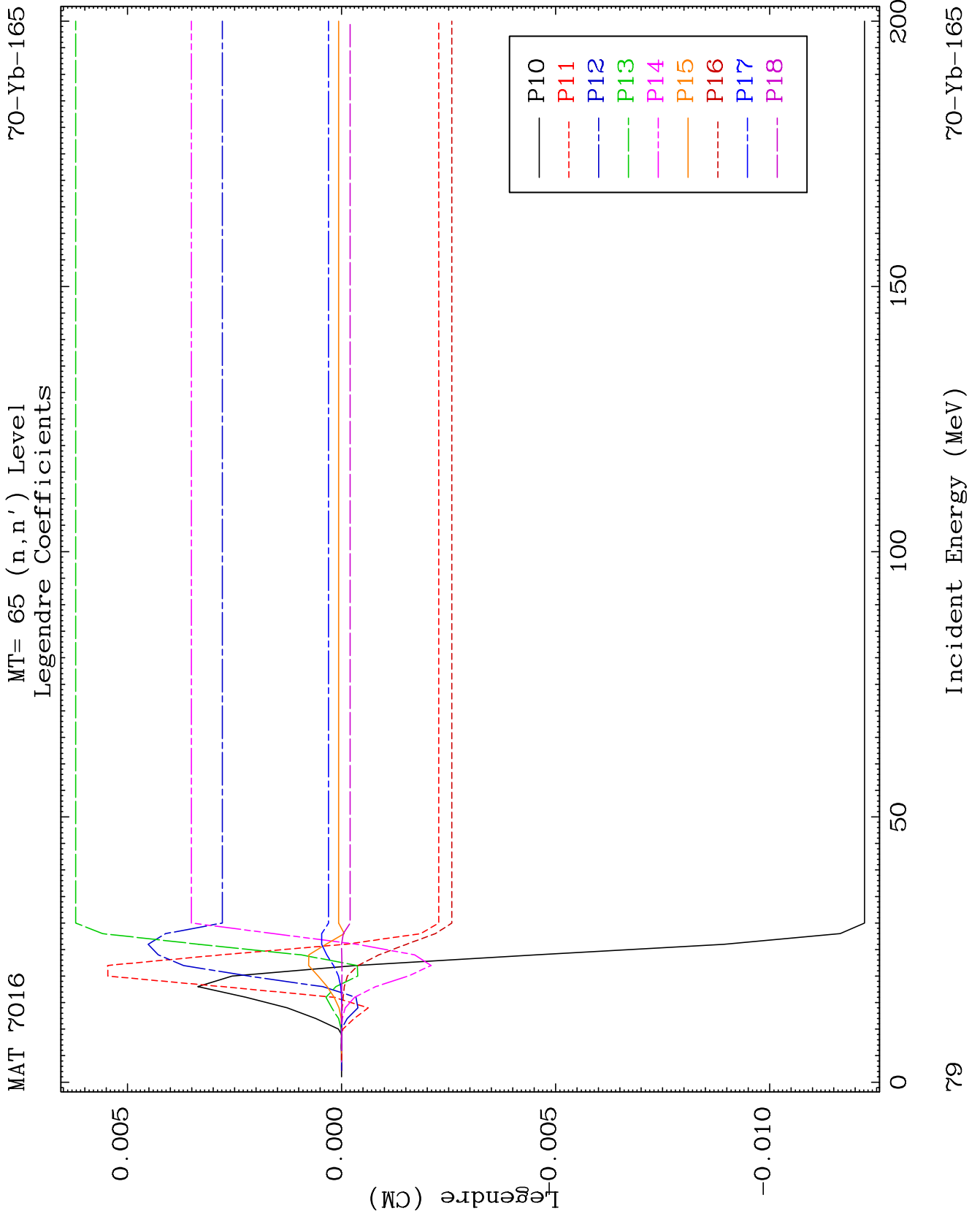
76

Incident Energy (MeV)

70-Yb-165



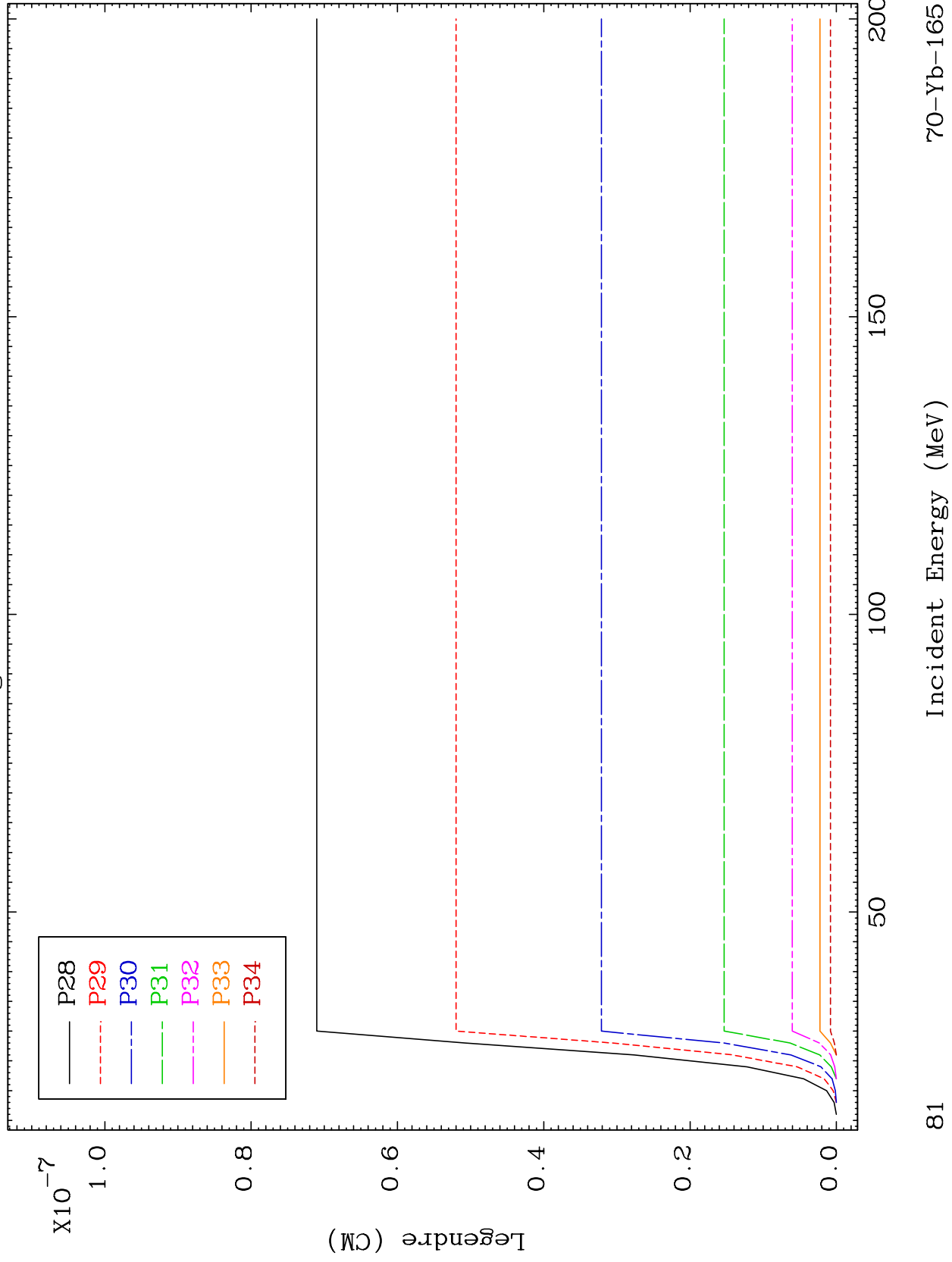




MAT 7016

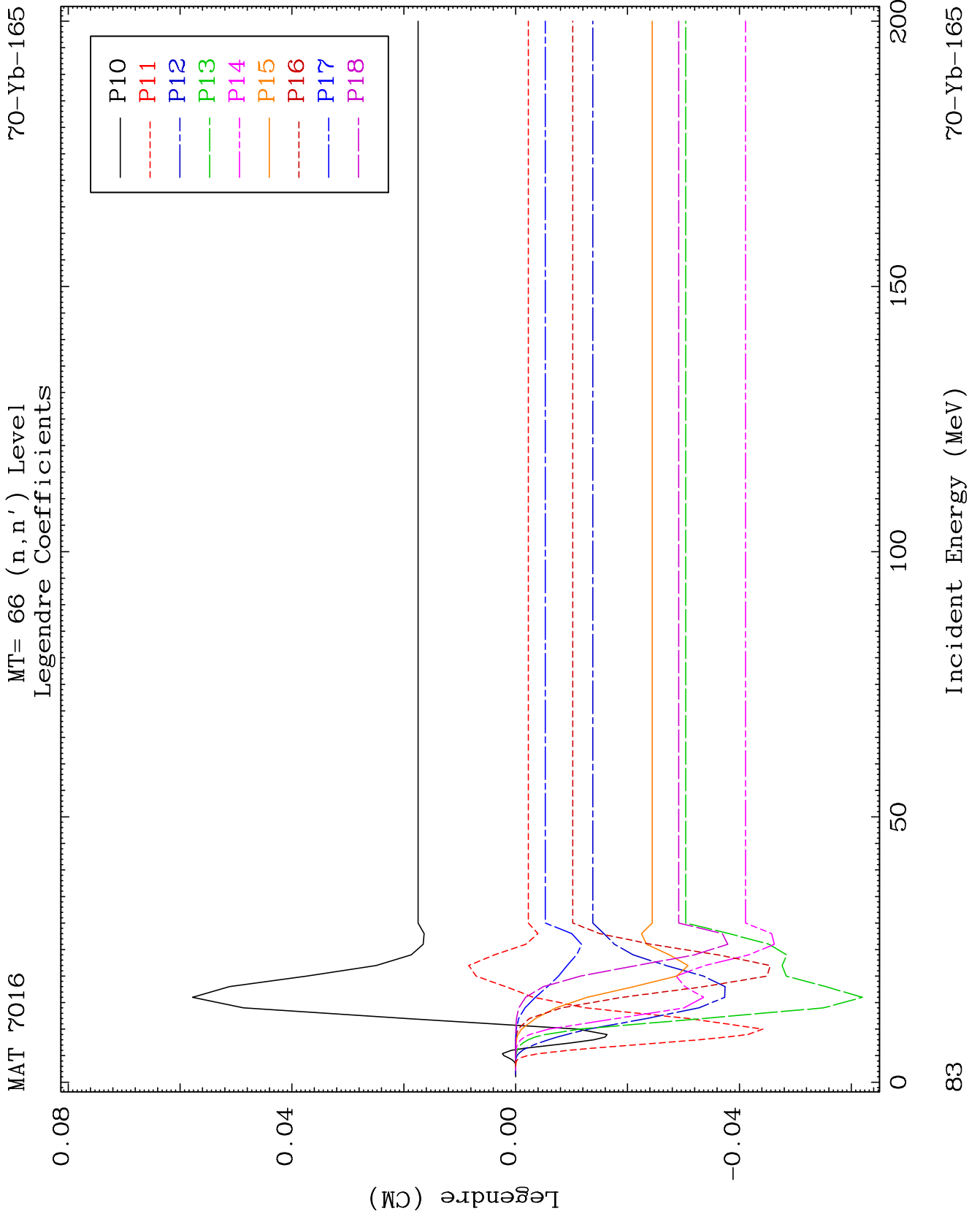
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Legendre Coefficients

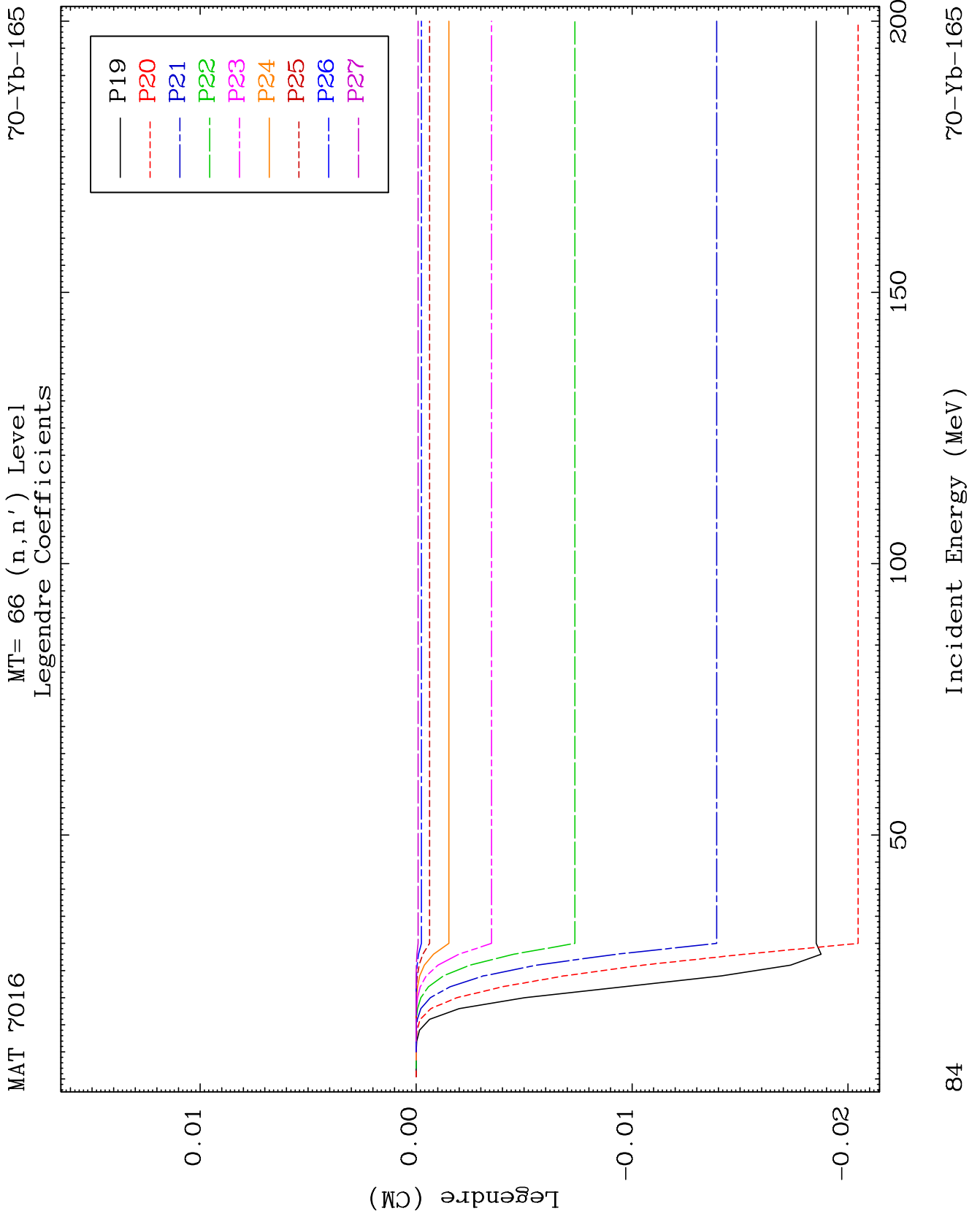
70-Yb-165

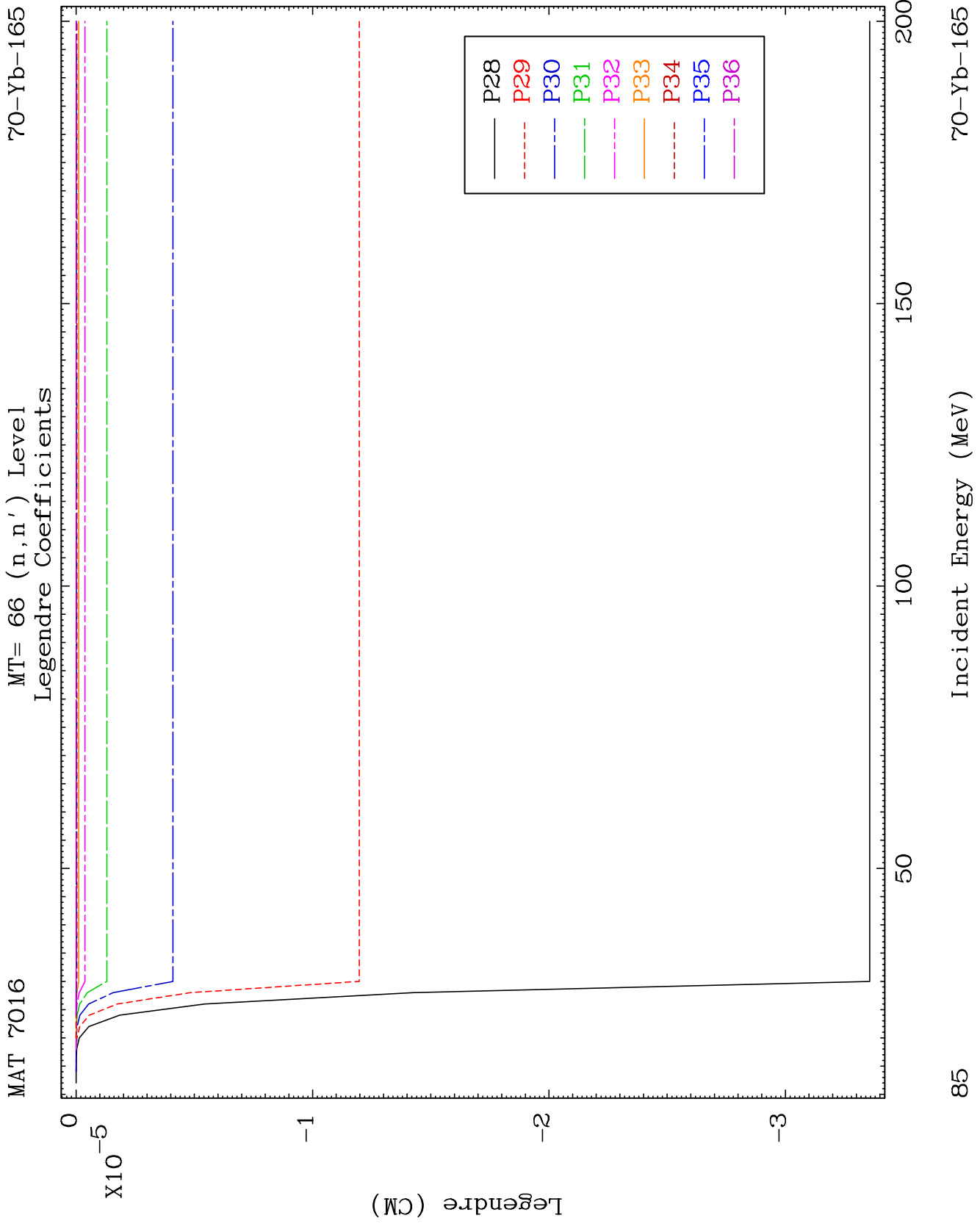


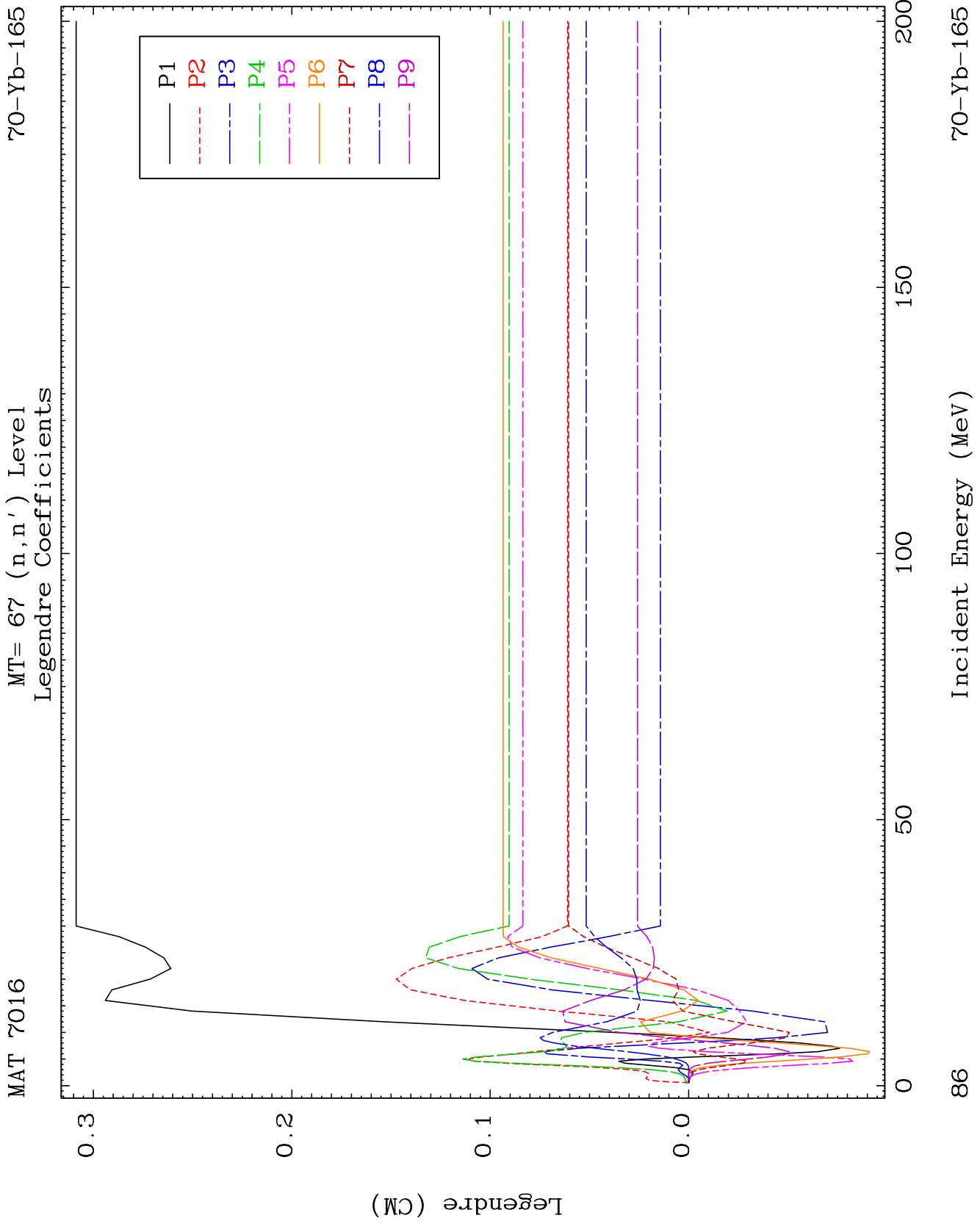
81

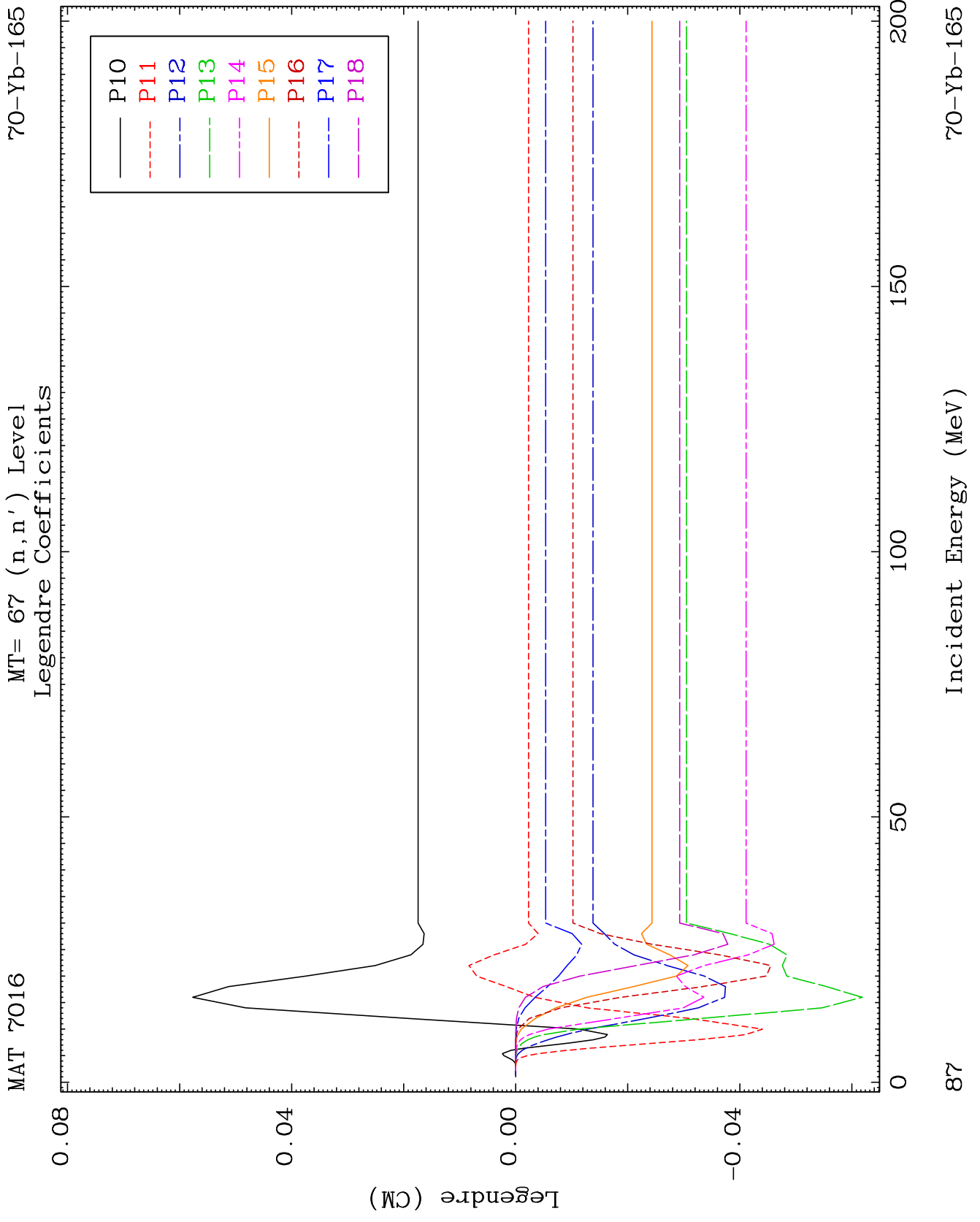
70-Yb-165







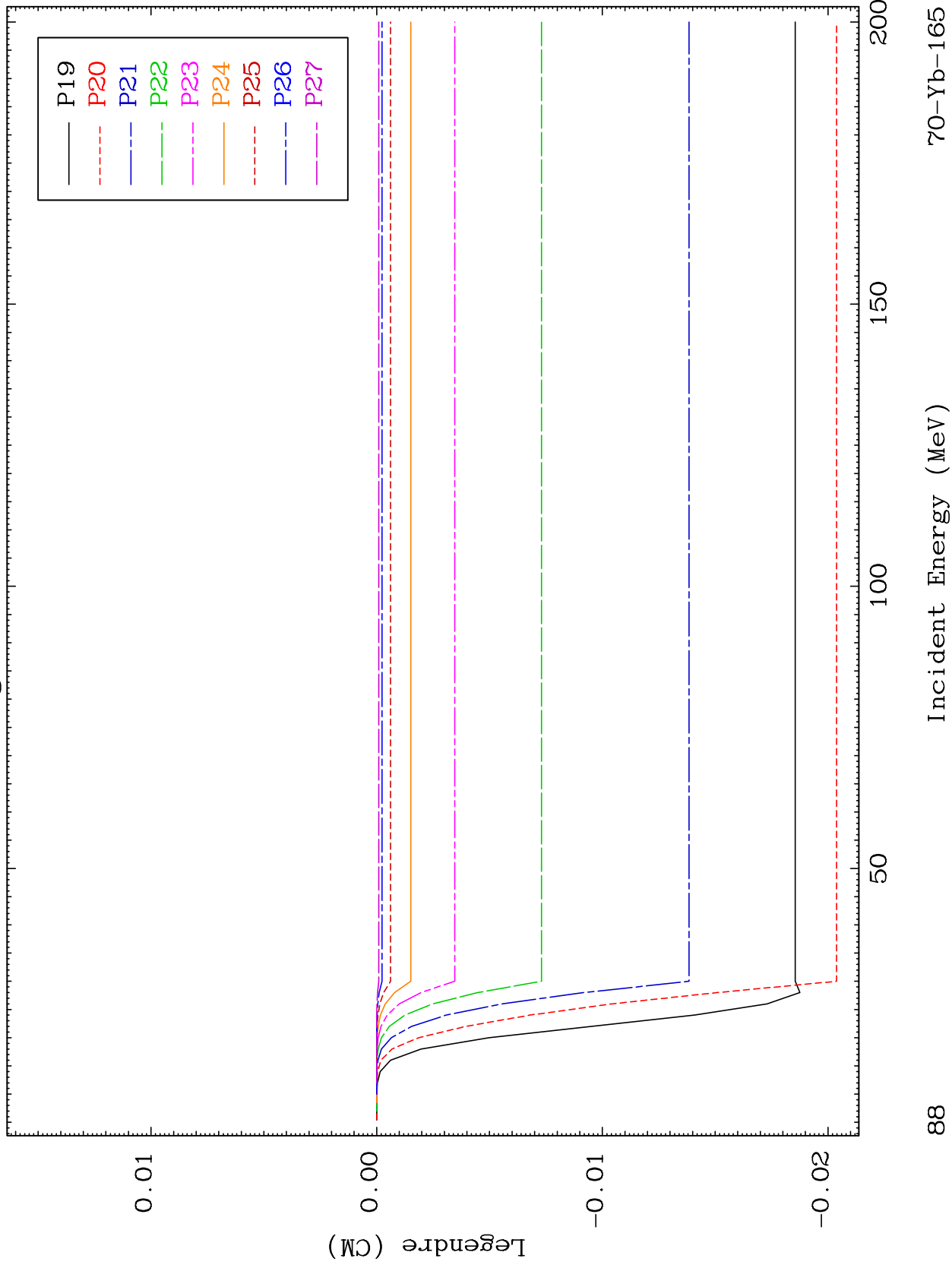


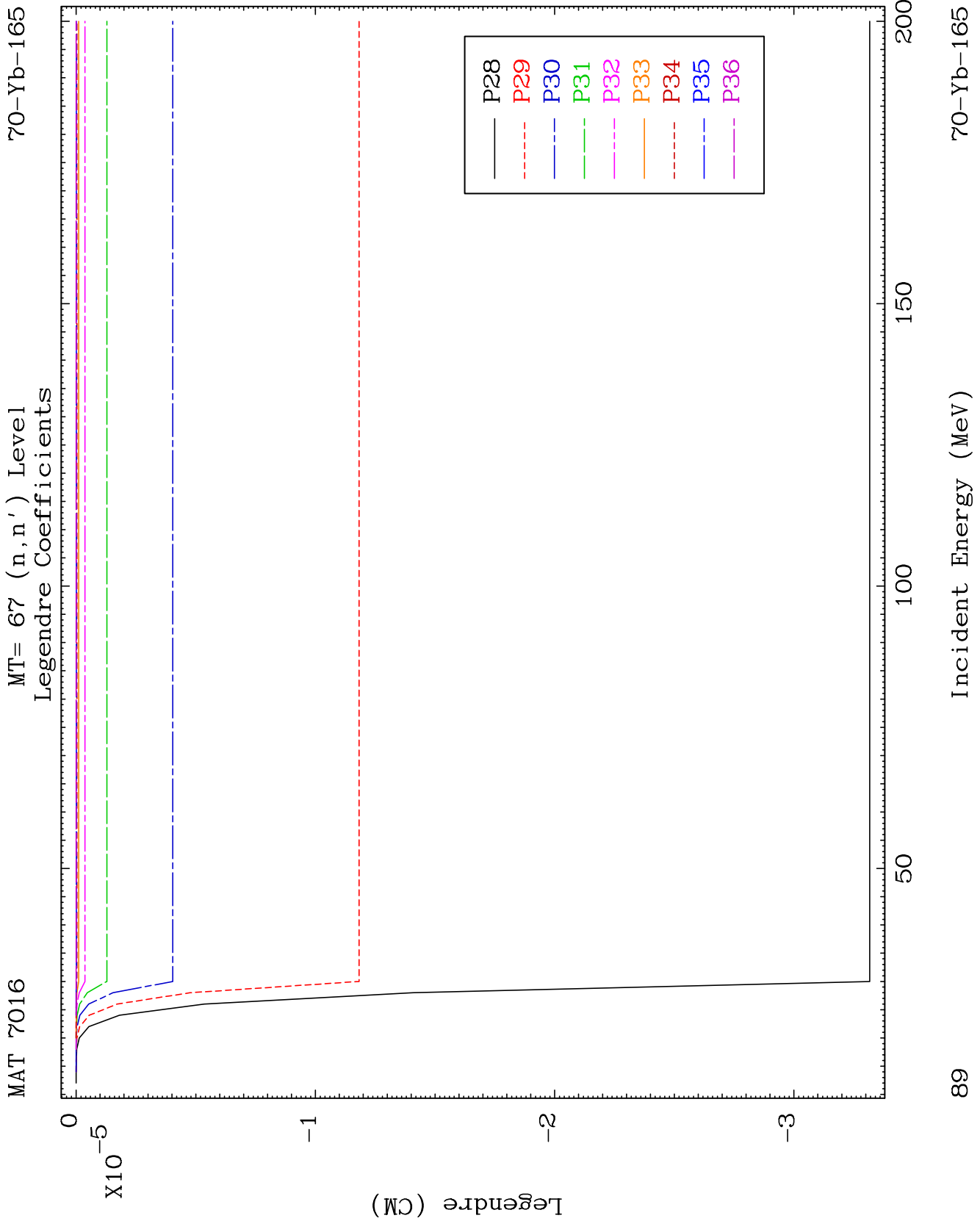


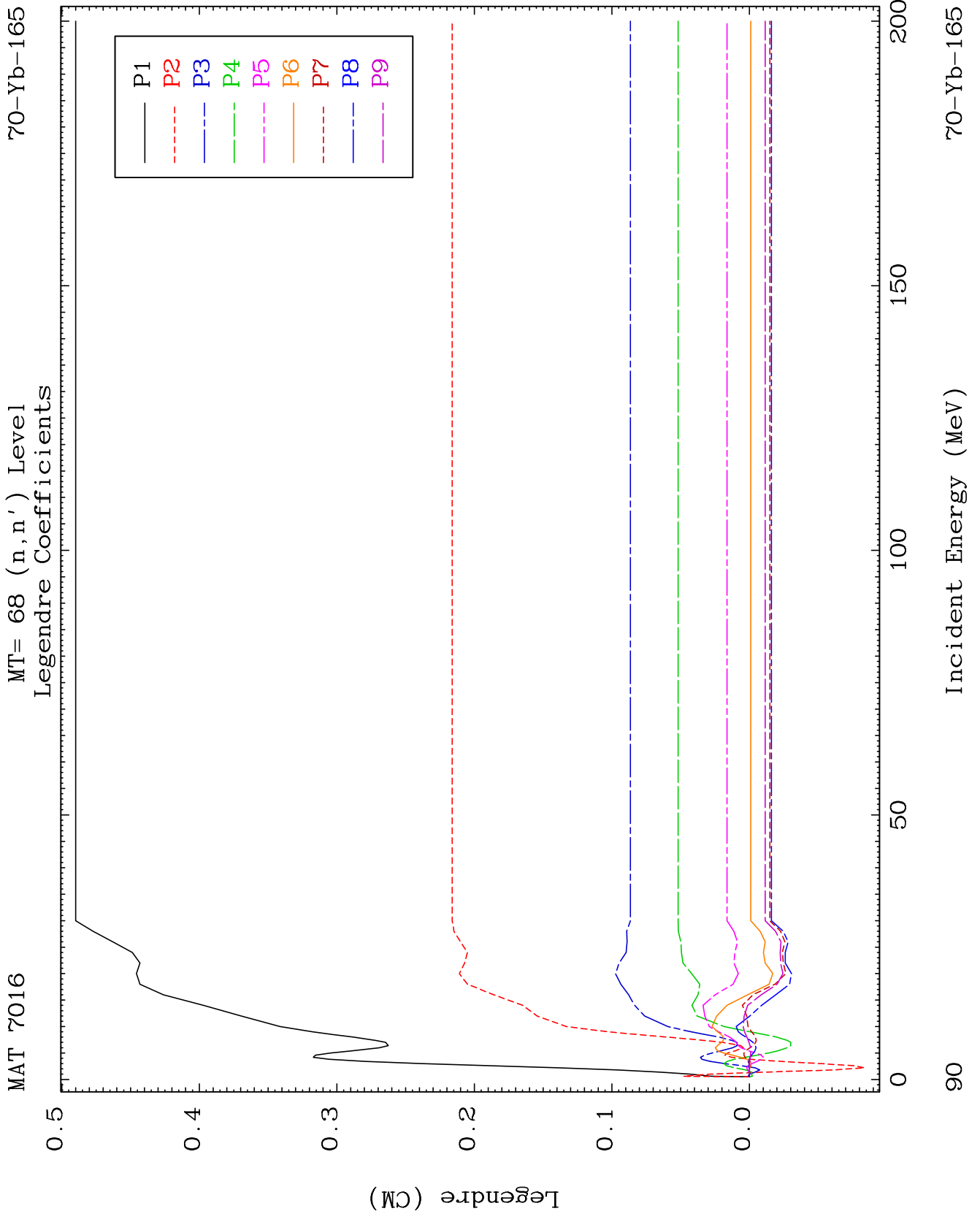
MAT 7016

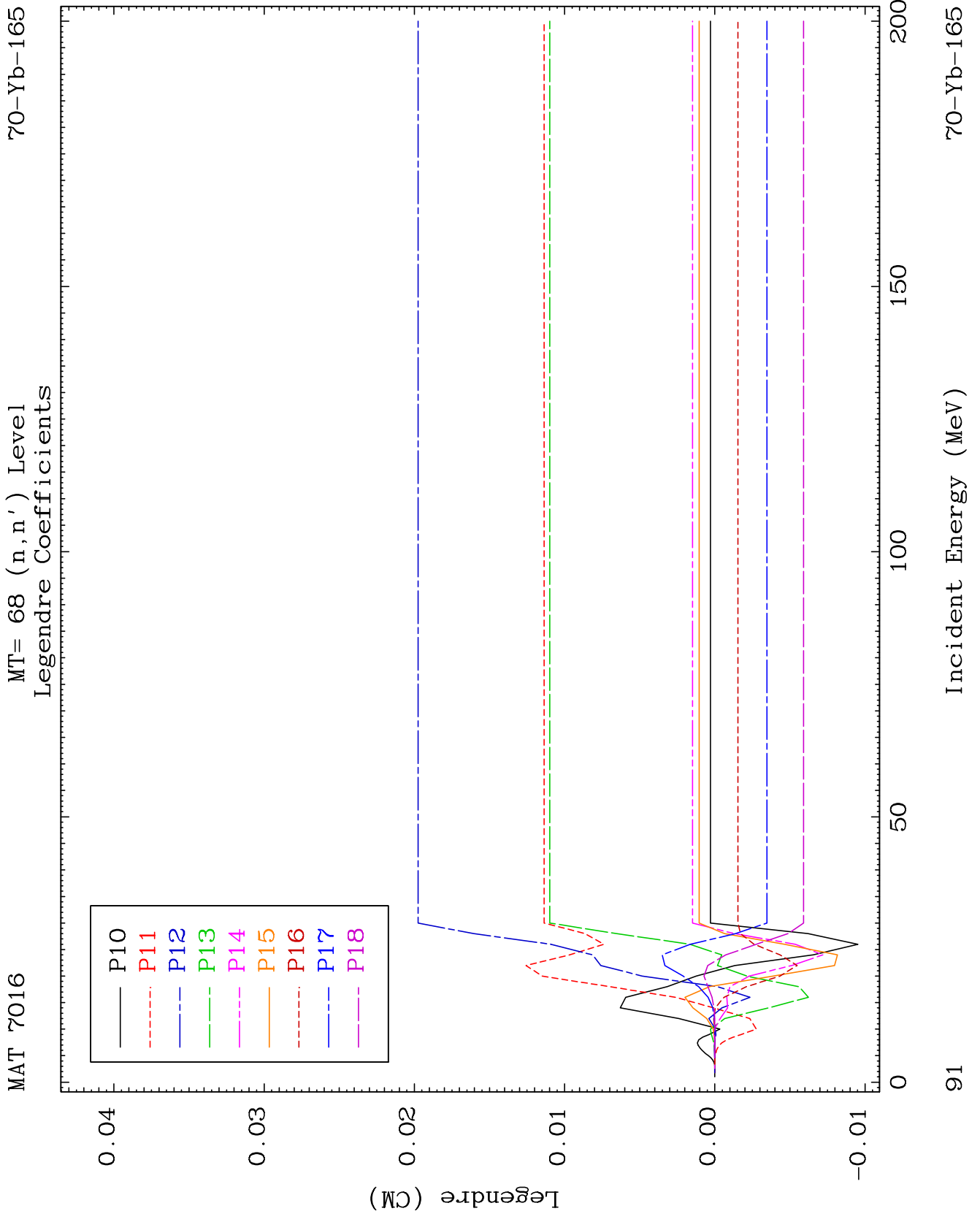
MT= 67 (n,n') Level
Legendre Coefficients

70-Yb-165





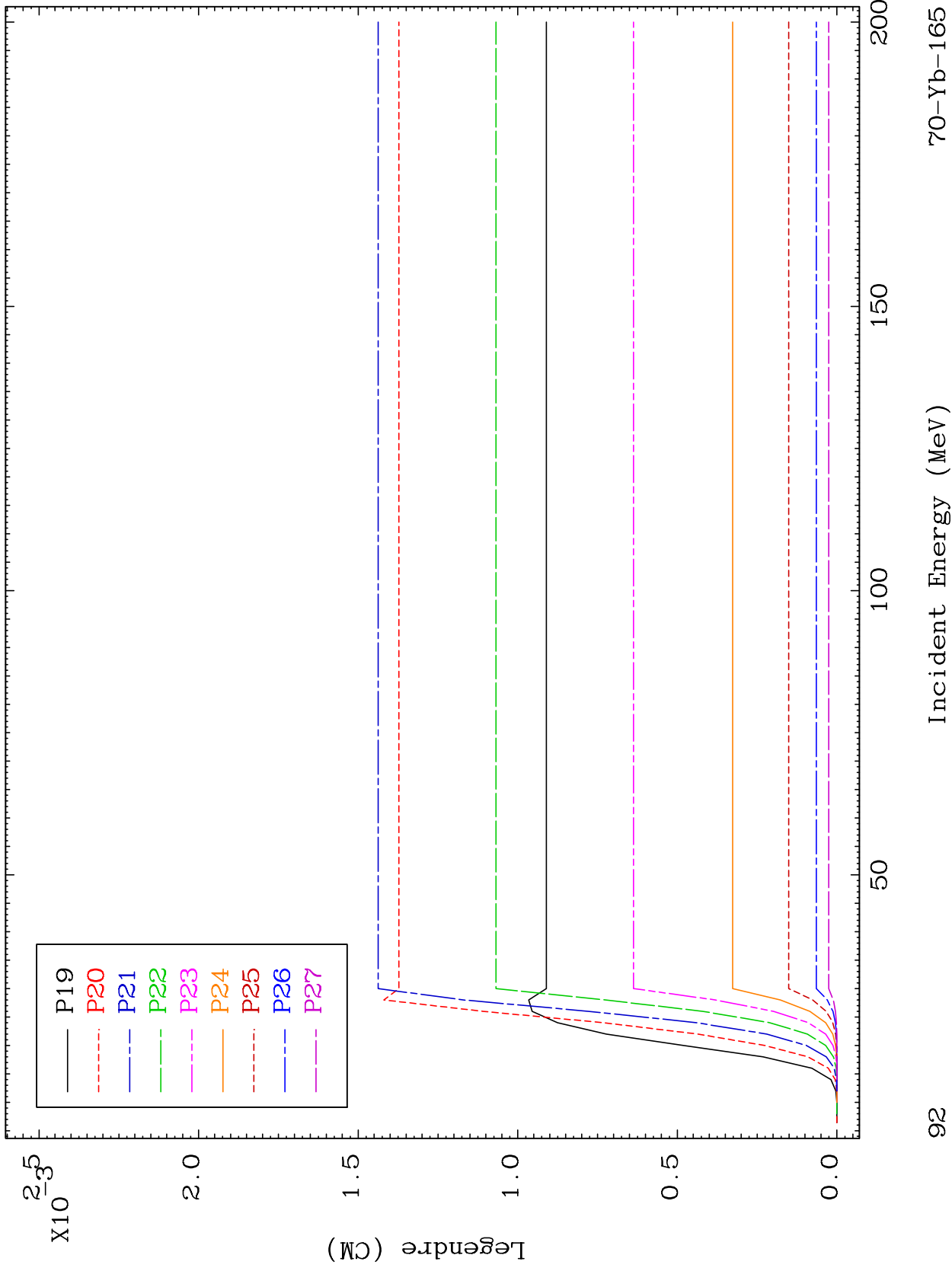




MAT 7016

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

70-Yb-165



92

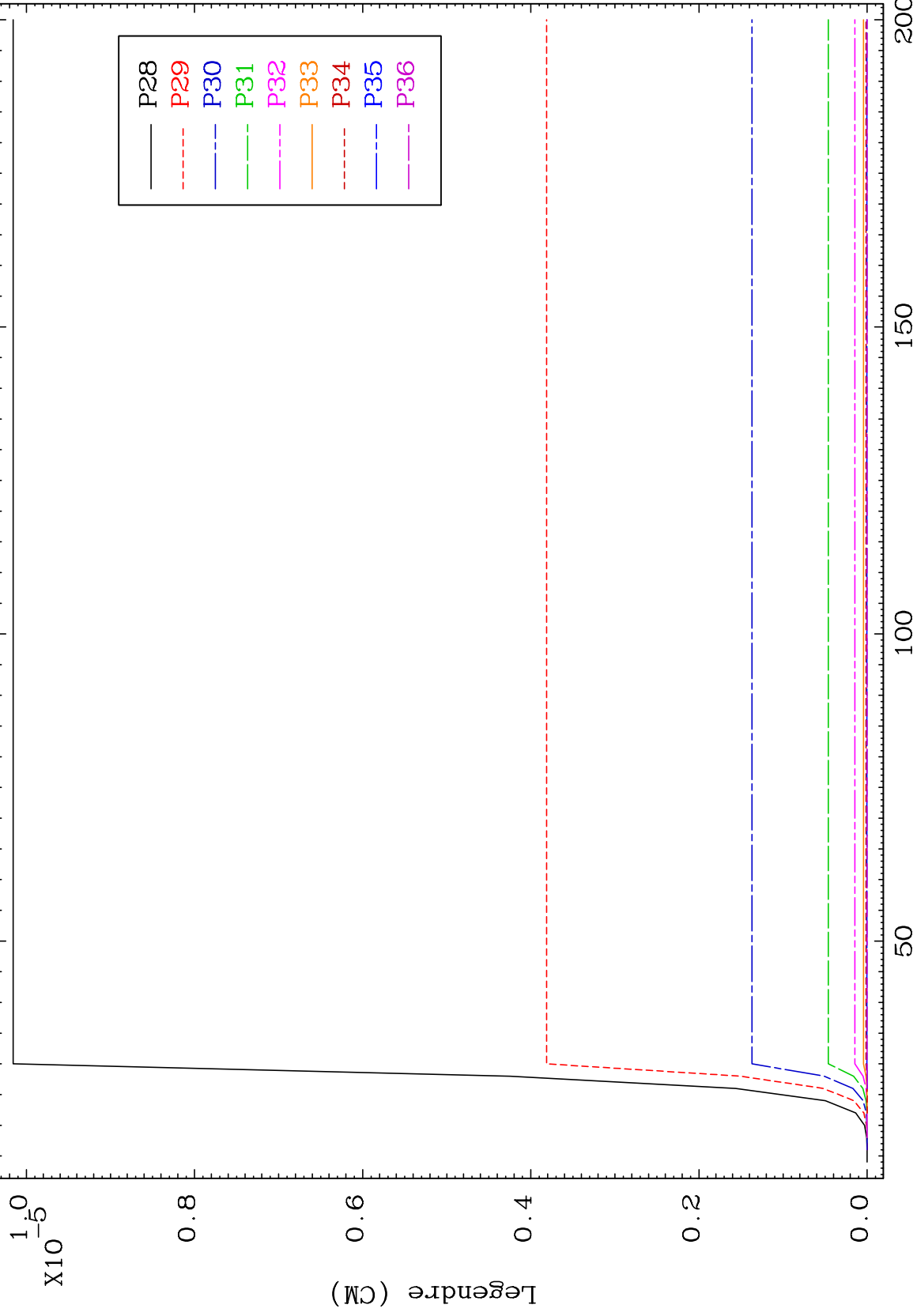
Incident Energy (MeV)

70-Yb-165

MAT 7016

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

70-Yb-165



93

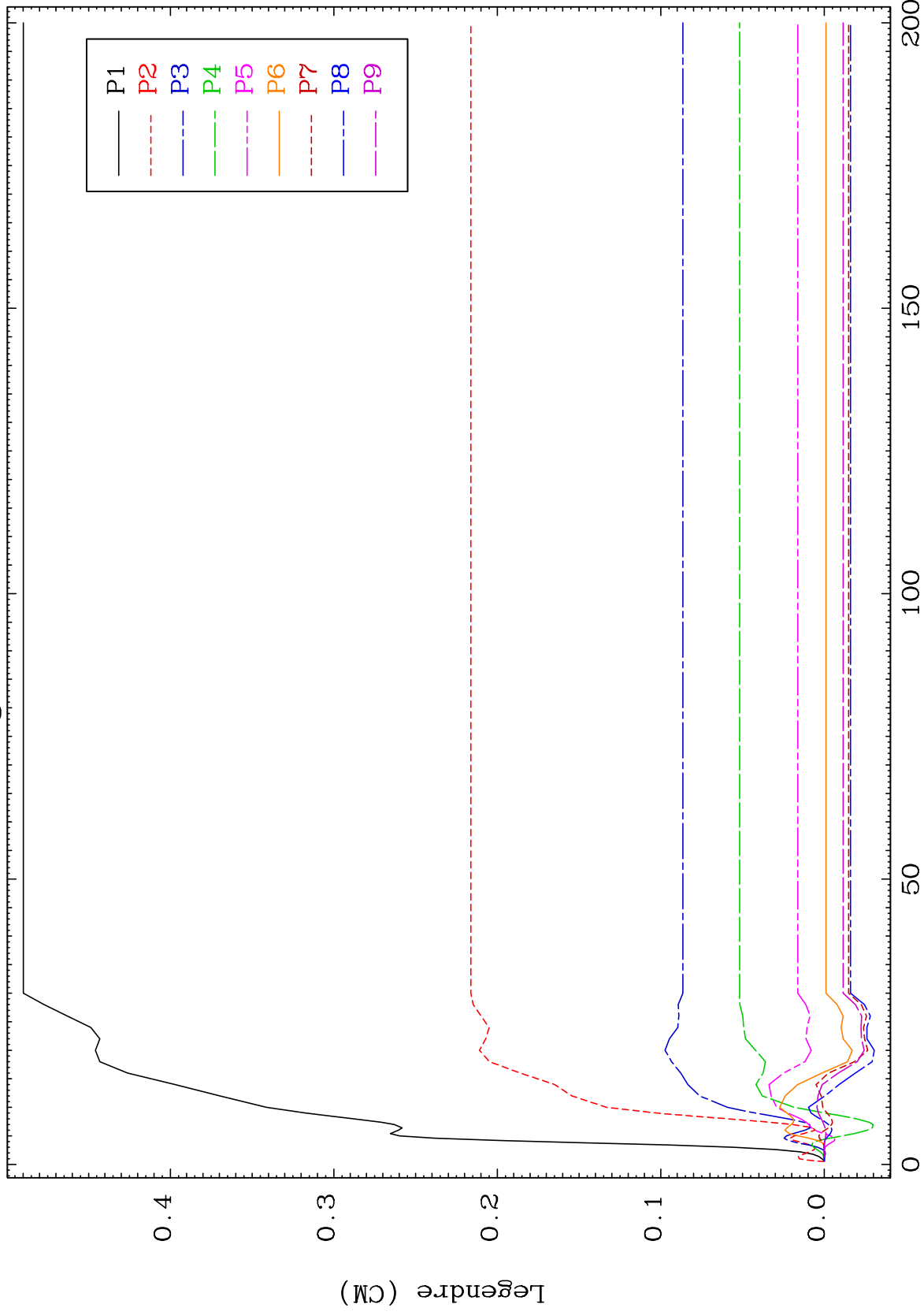
Incident Energy (MeV)

70-Yb-165

MAT 7016

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

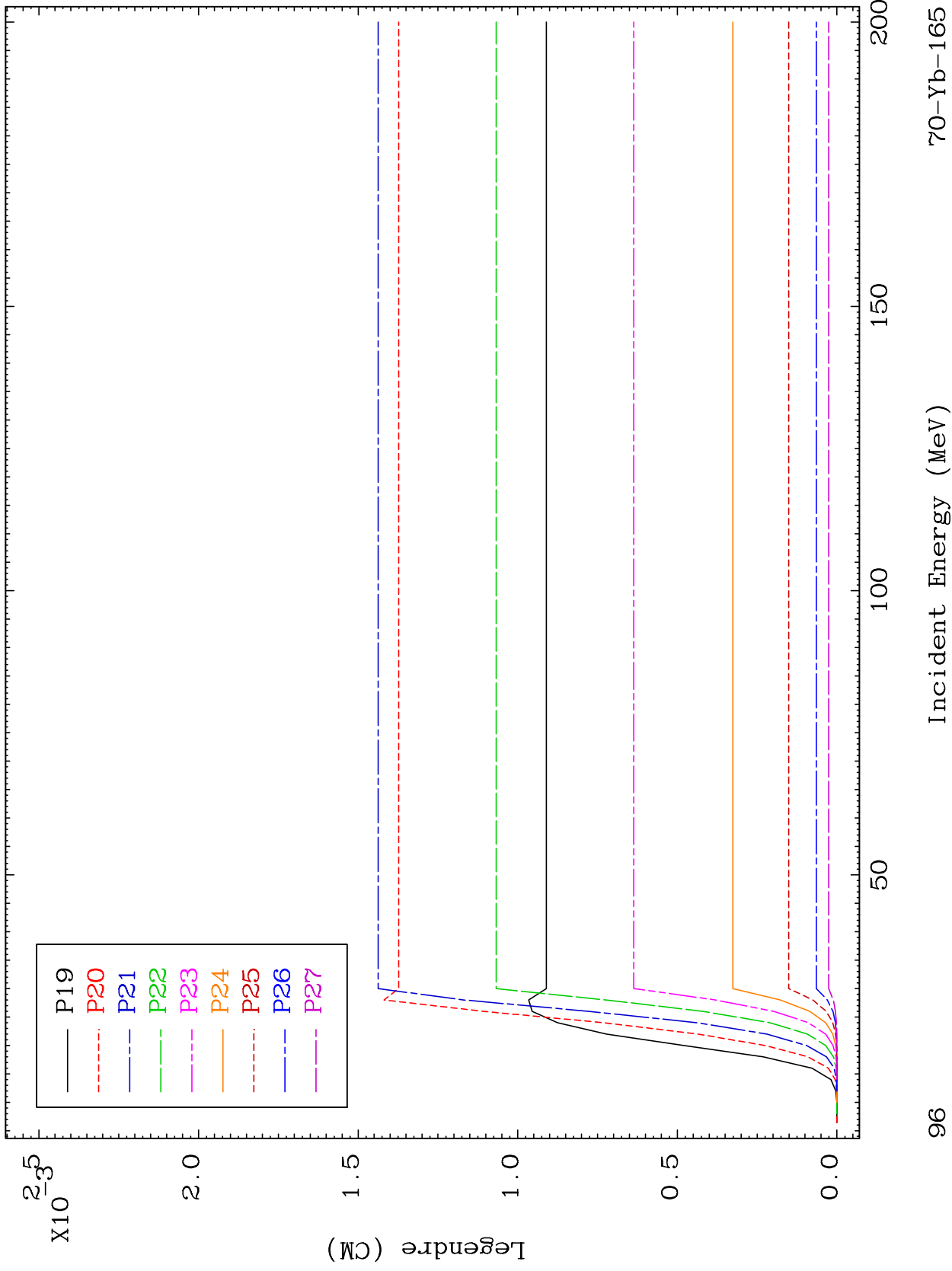
70-Yb-165



94

Incident Energy (MeV)

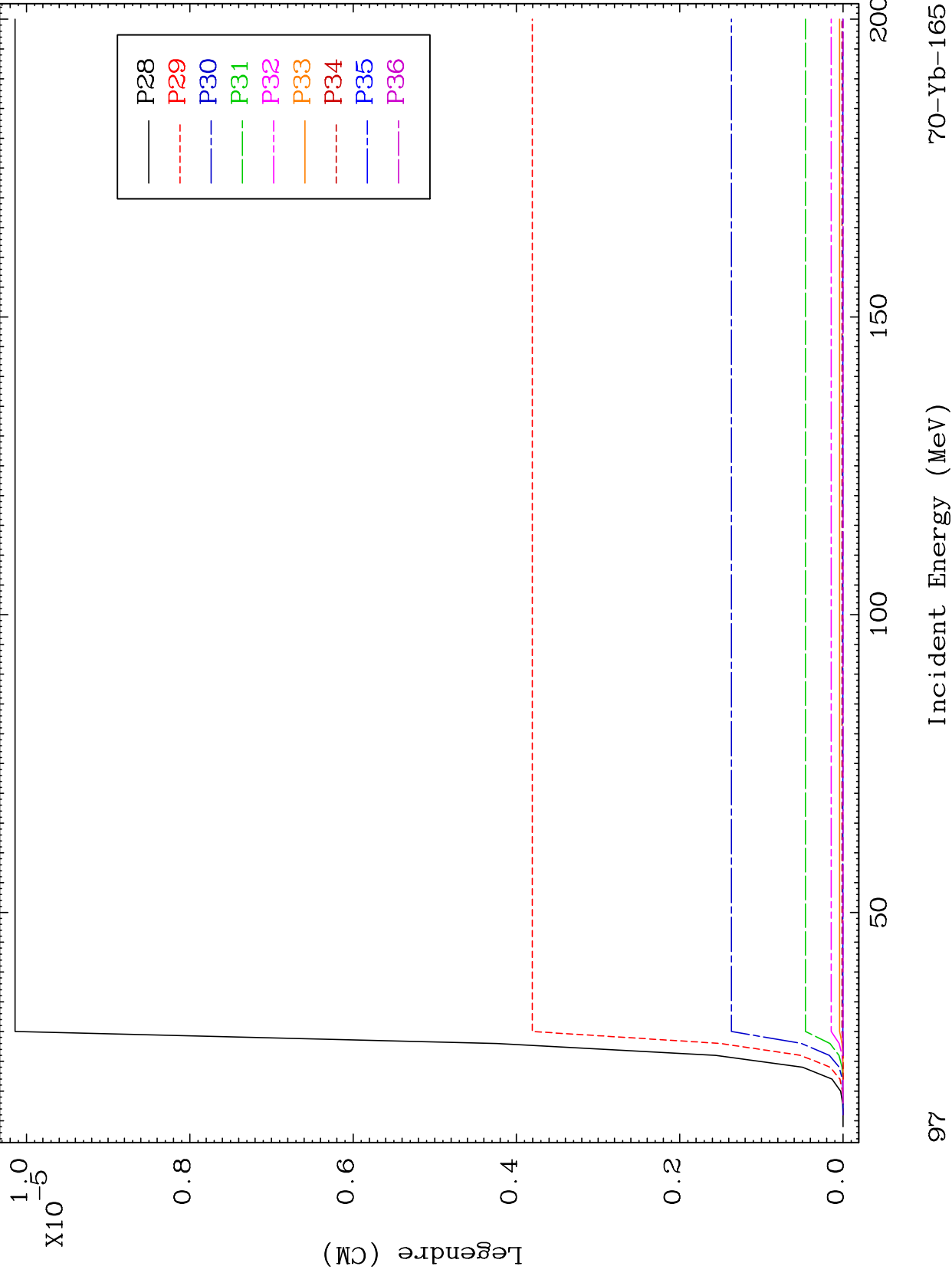
70-Yb-165



MAT 7016

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

70-Yb-165



97

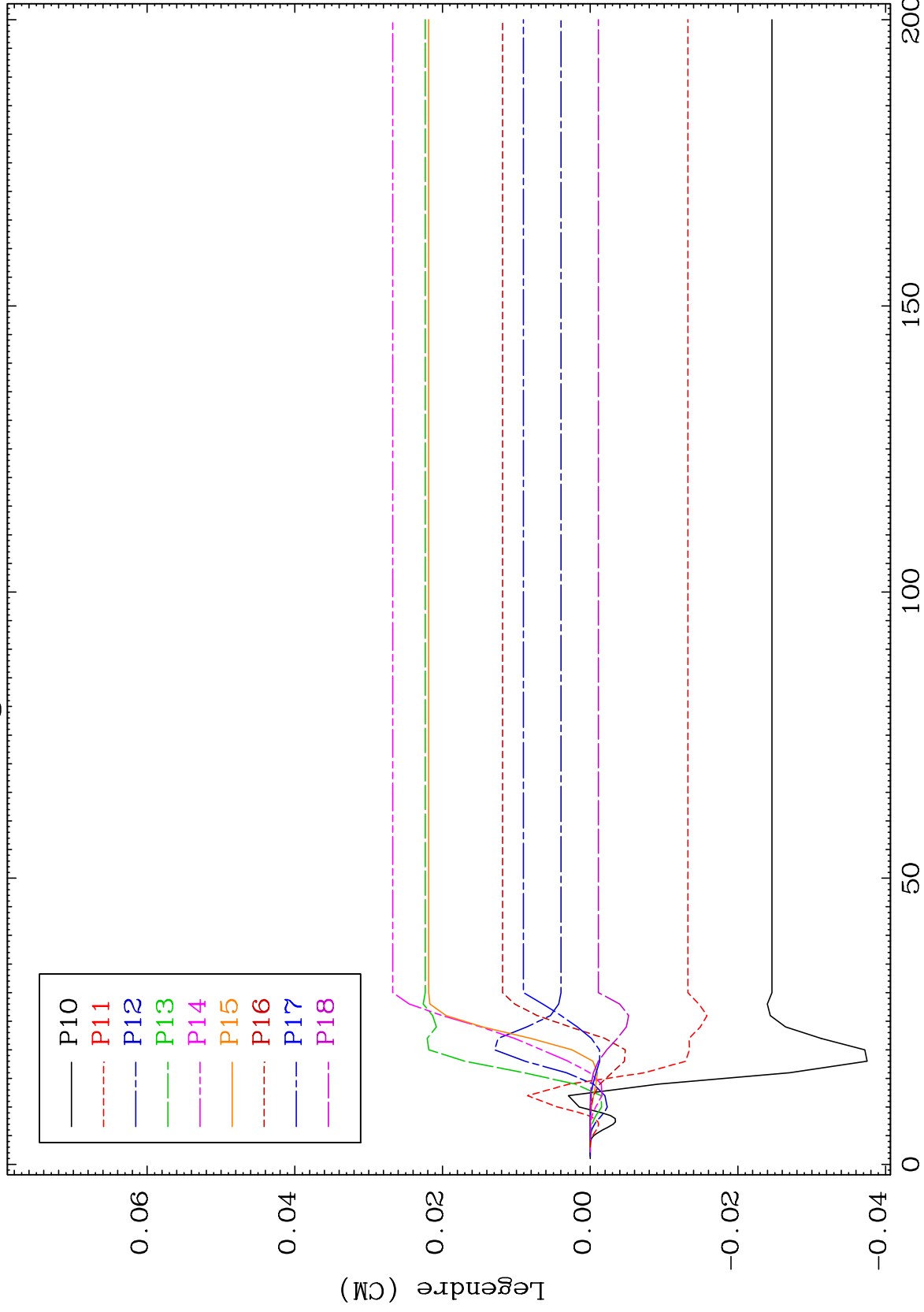
Incident Energy (MeV)

70-Yb-165

MAT 7016

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

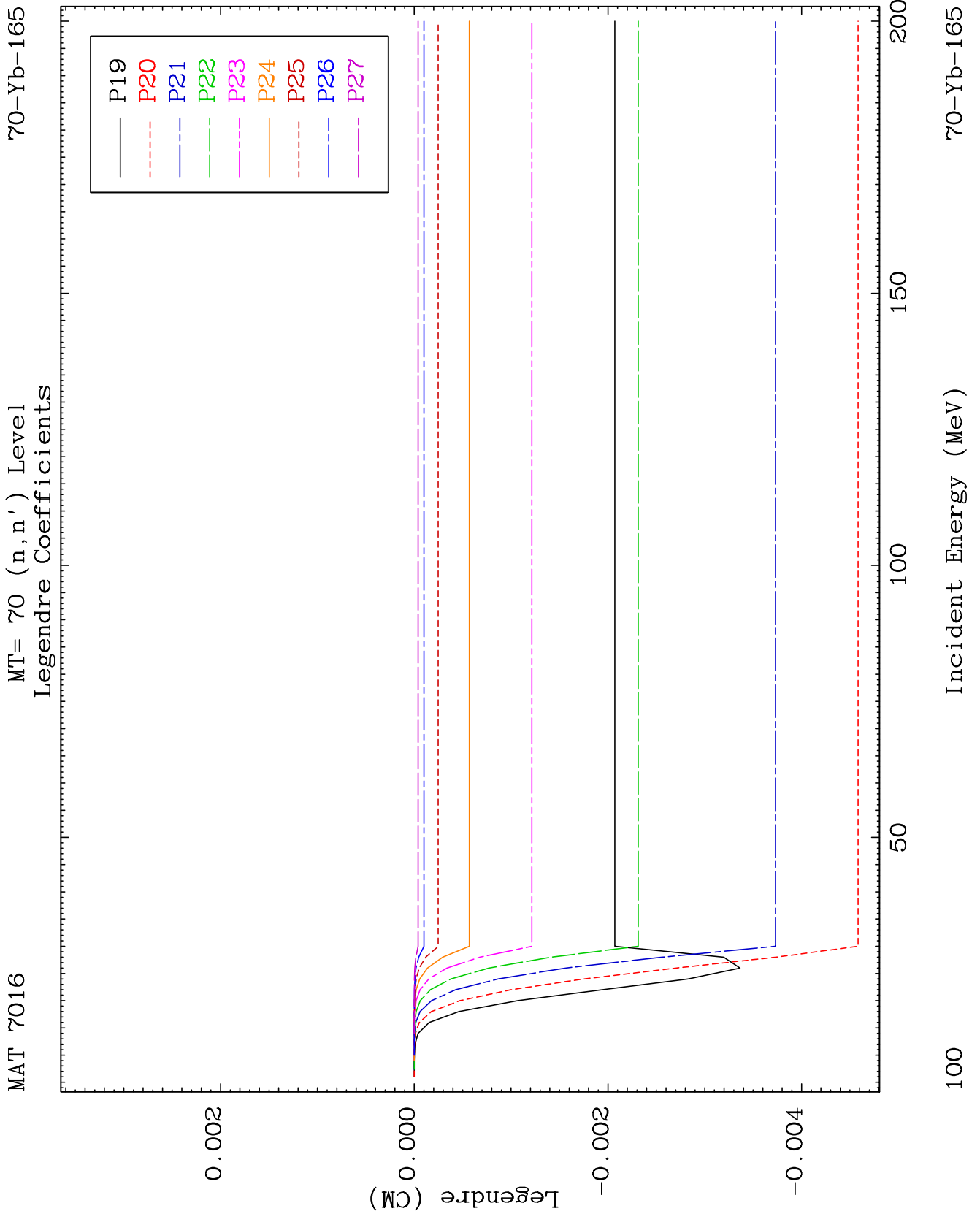
70-Yb-165

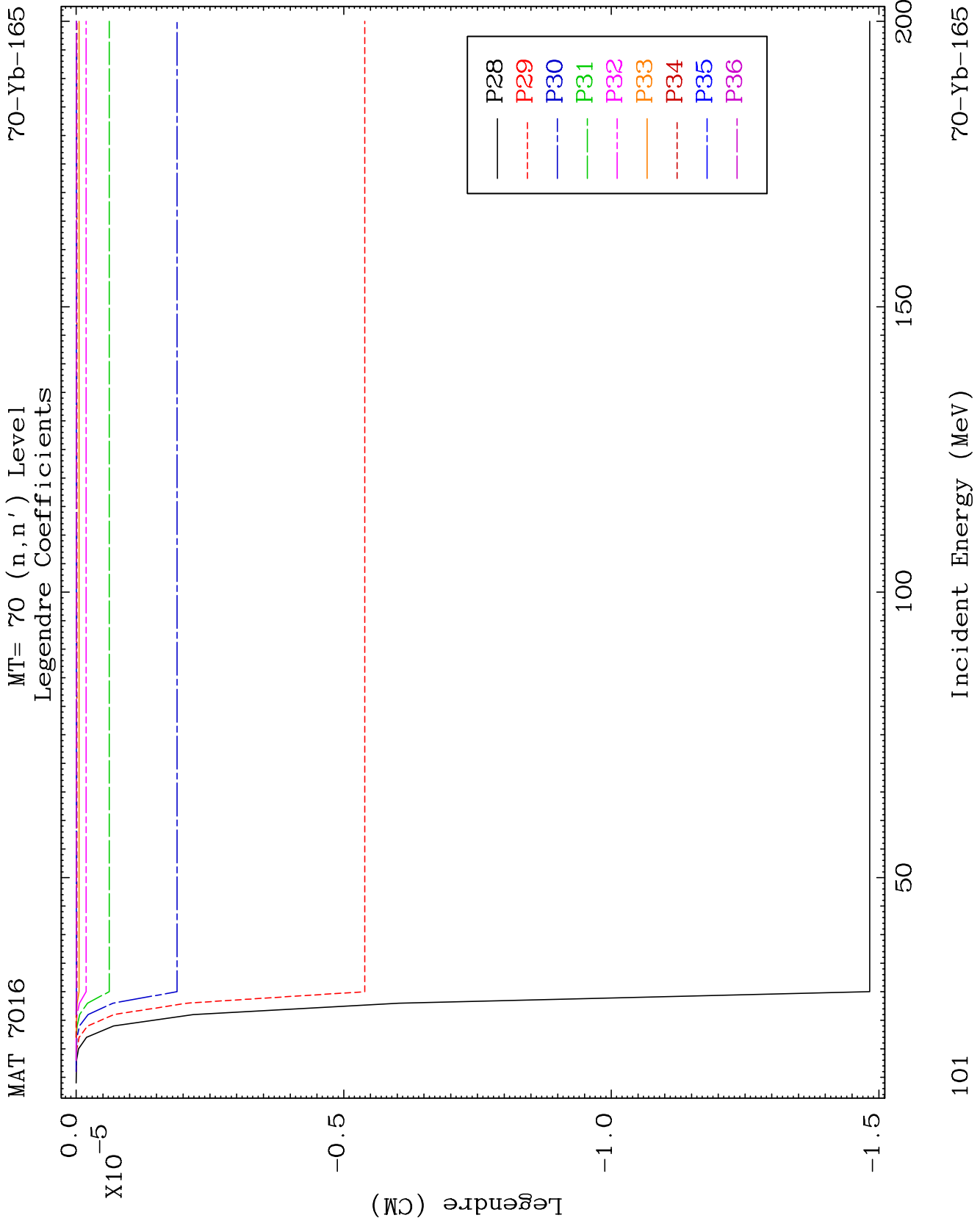


99

Incident Energy (MeV)

70-Yb-165

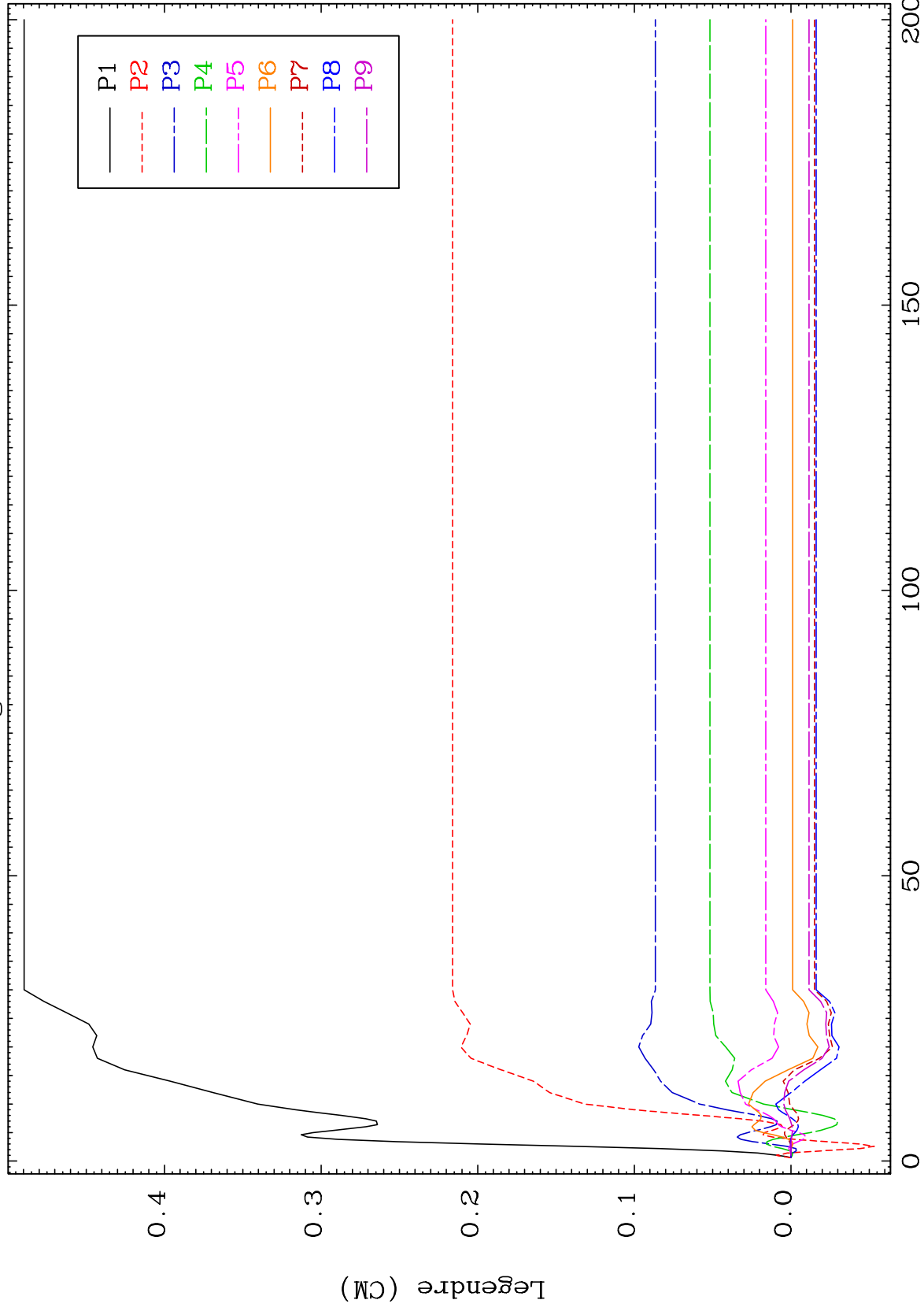




MAT 7016

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

70-Yb-165



102

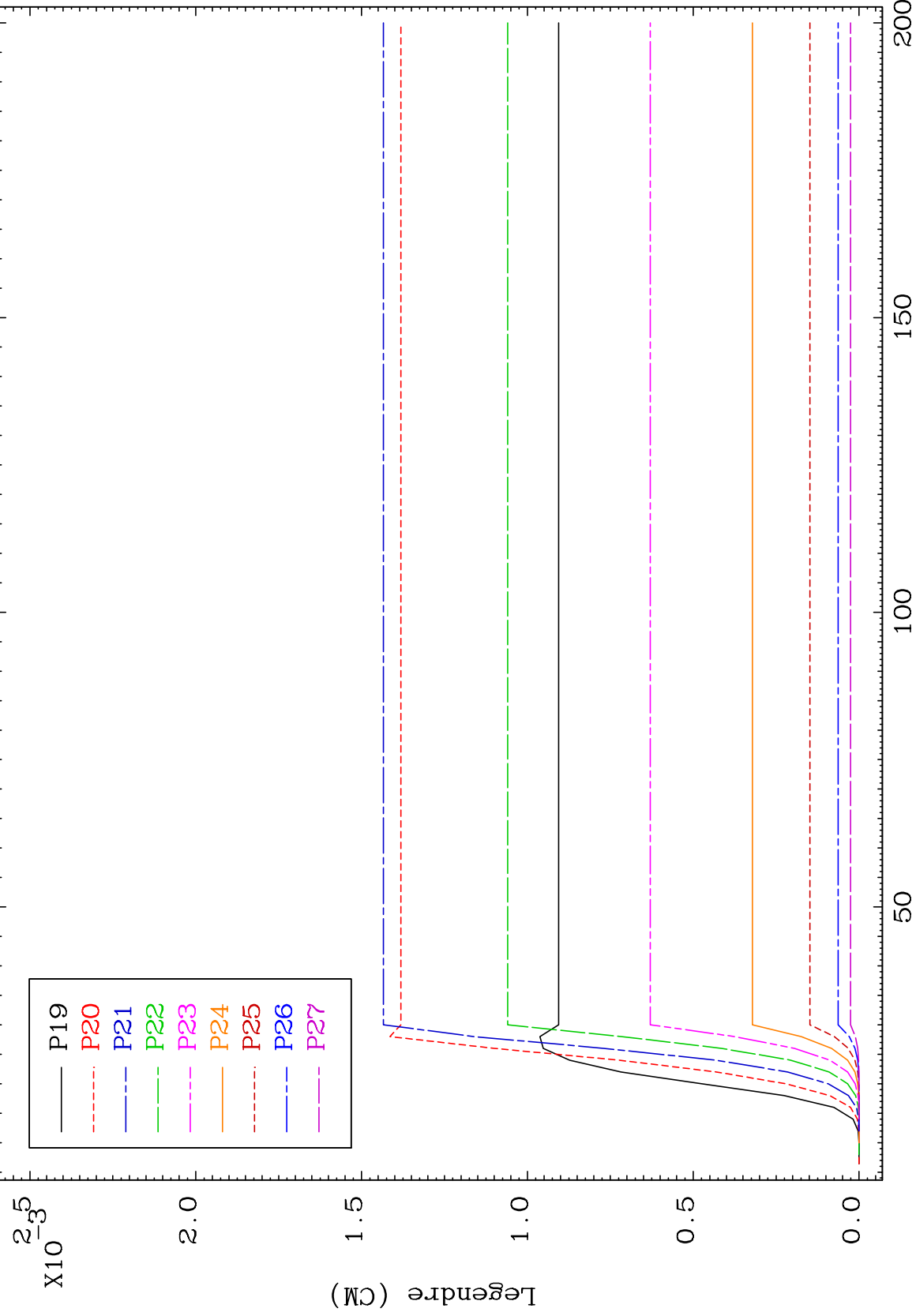
Incident Energy (MeV)

70-Yb-165

MAT 7016

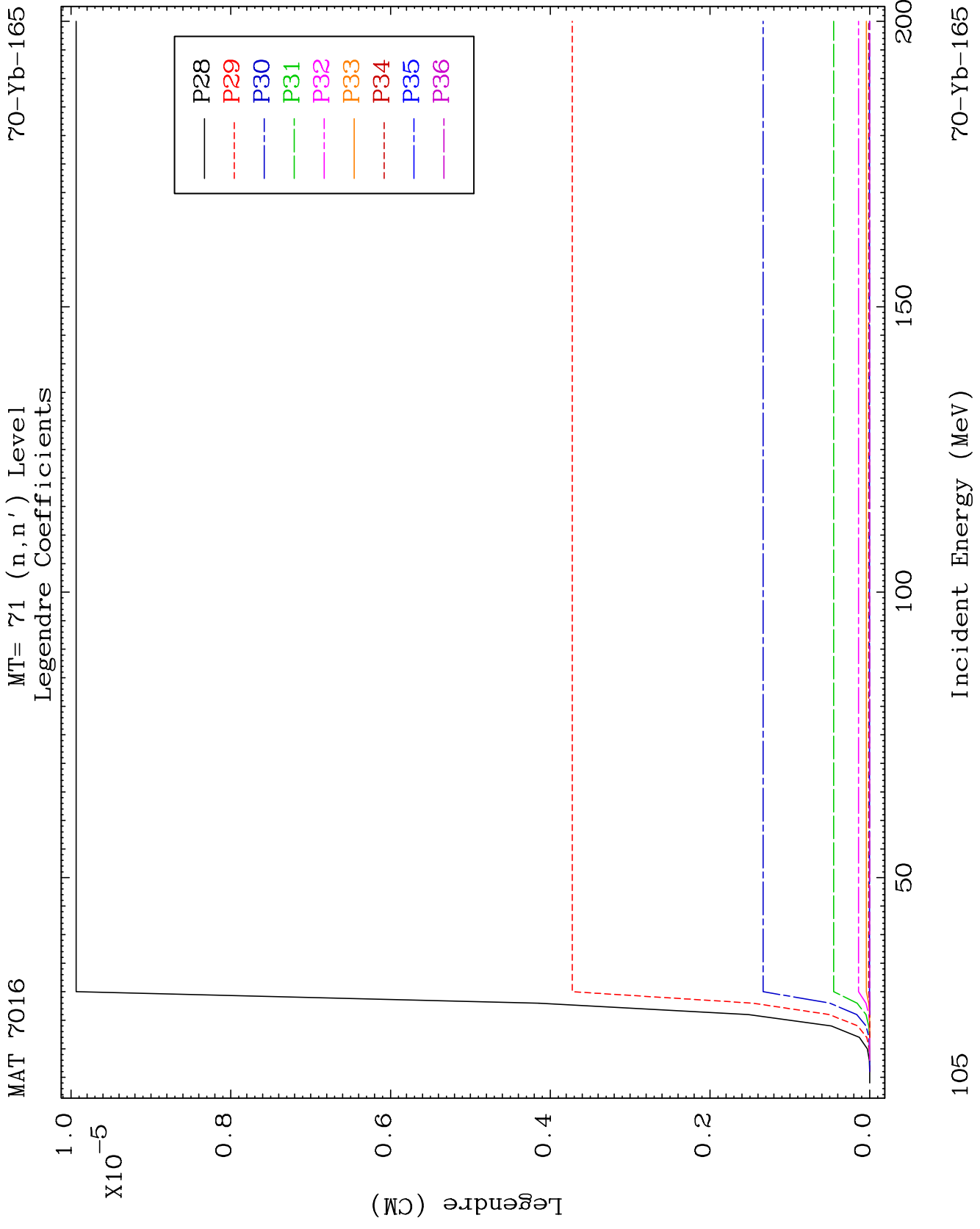
MT= 71 (n,n') Level
Legendre Coefficients

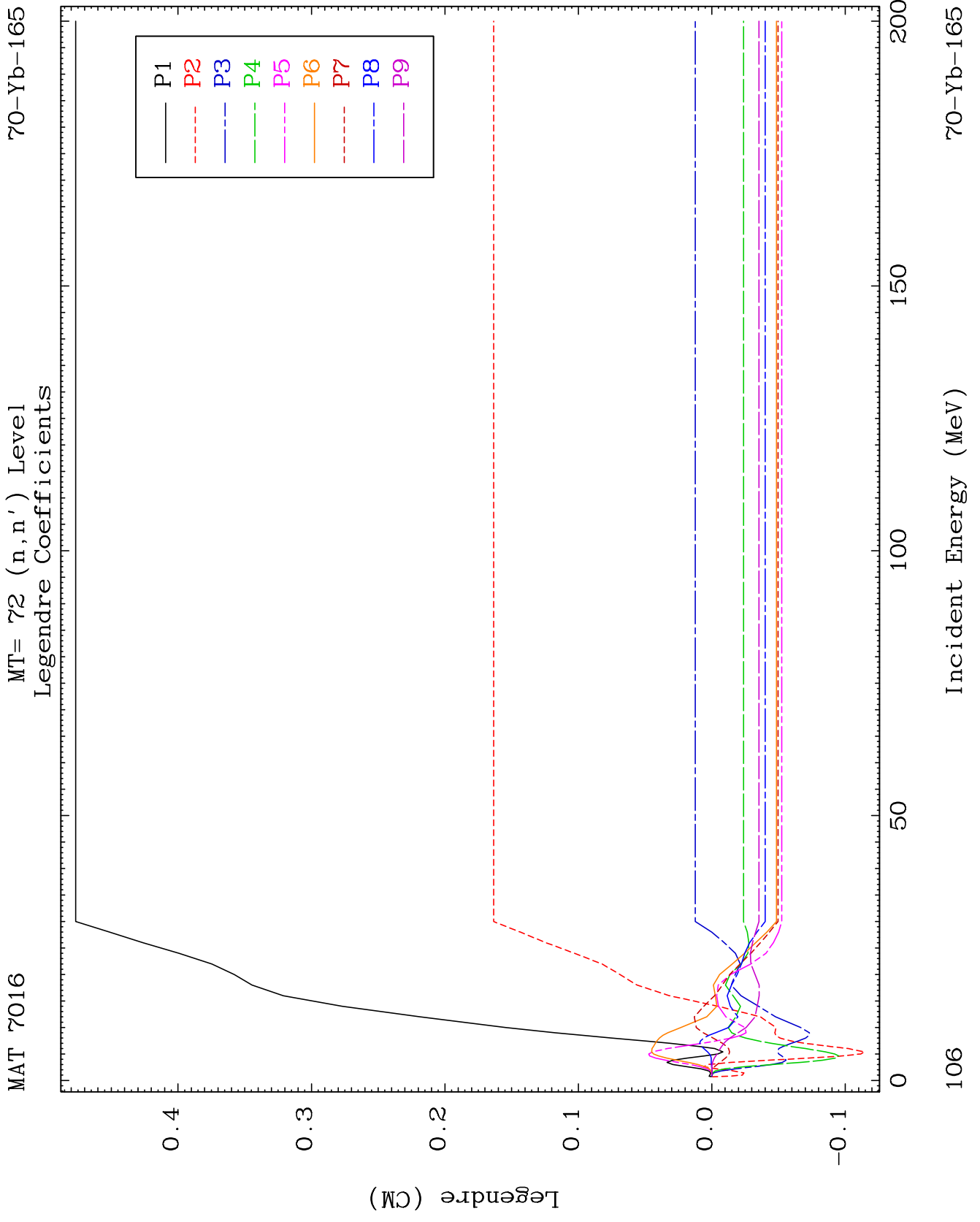
70-Yb-165



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70-Yb-165

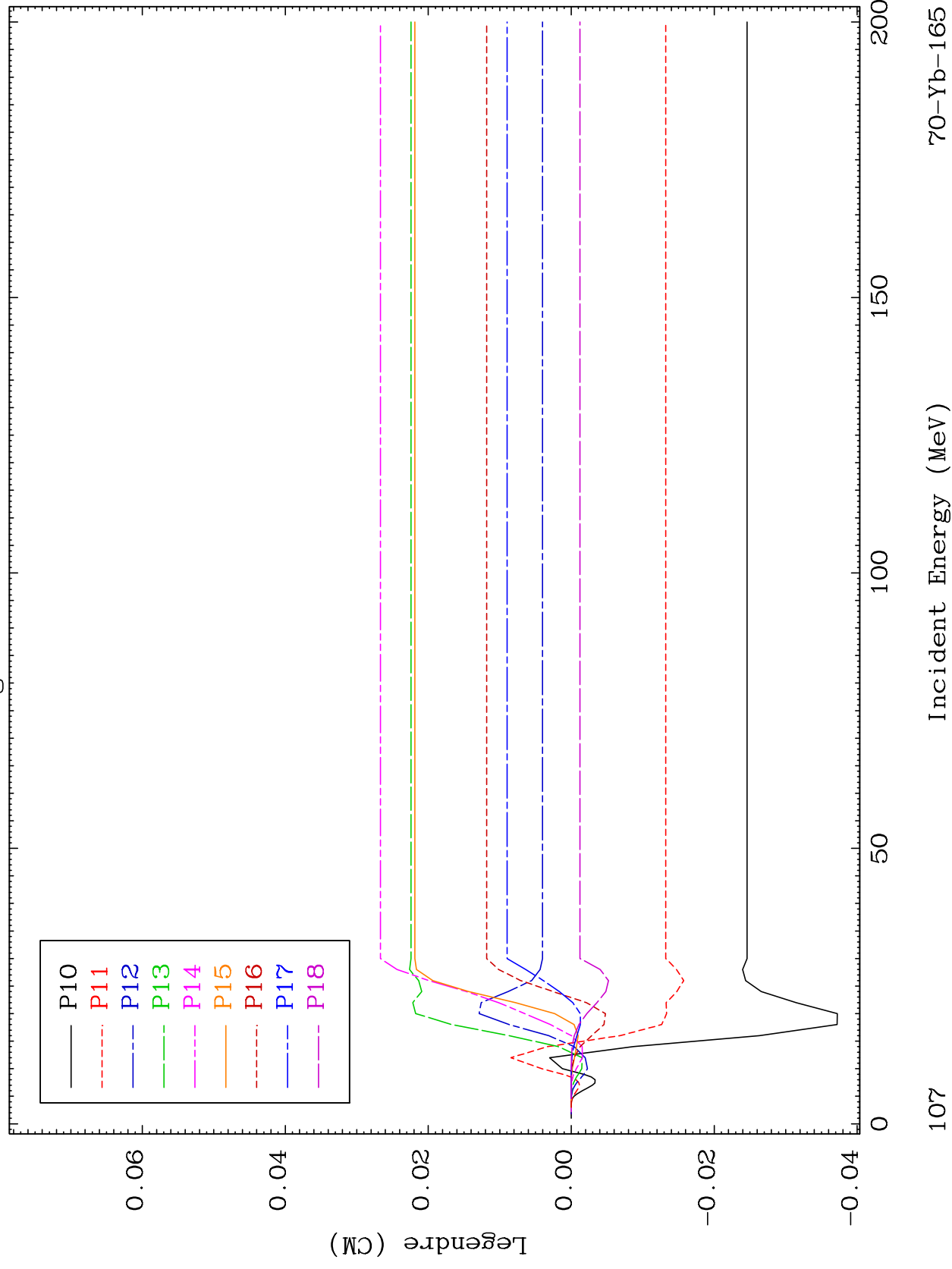




MAT 7016

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

70-Yb-165



107

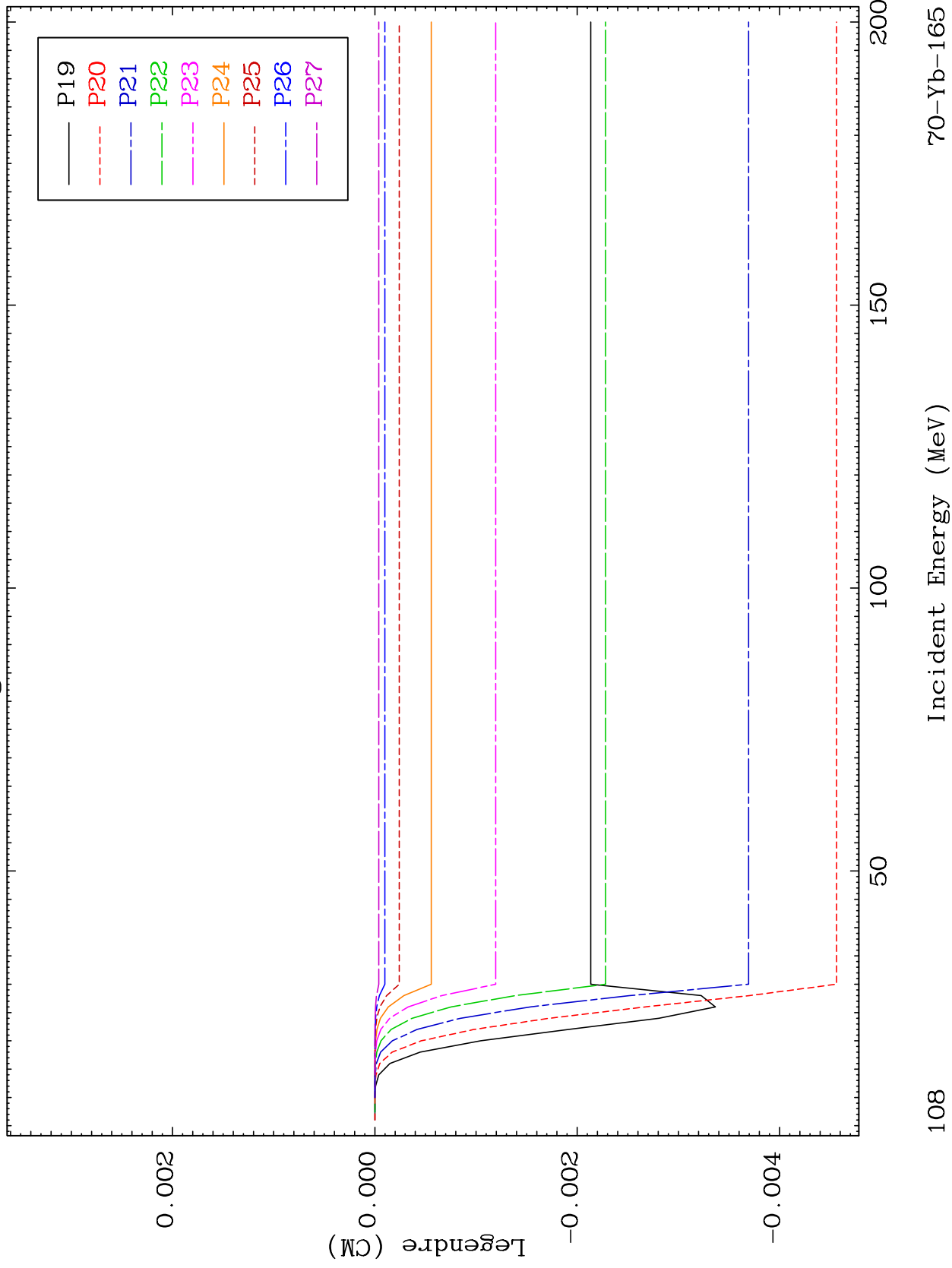
Incident Energy (MeV)

70-Yb-165

MAT 7016

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

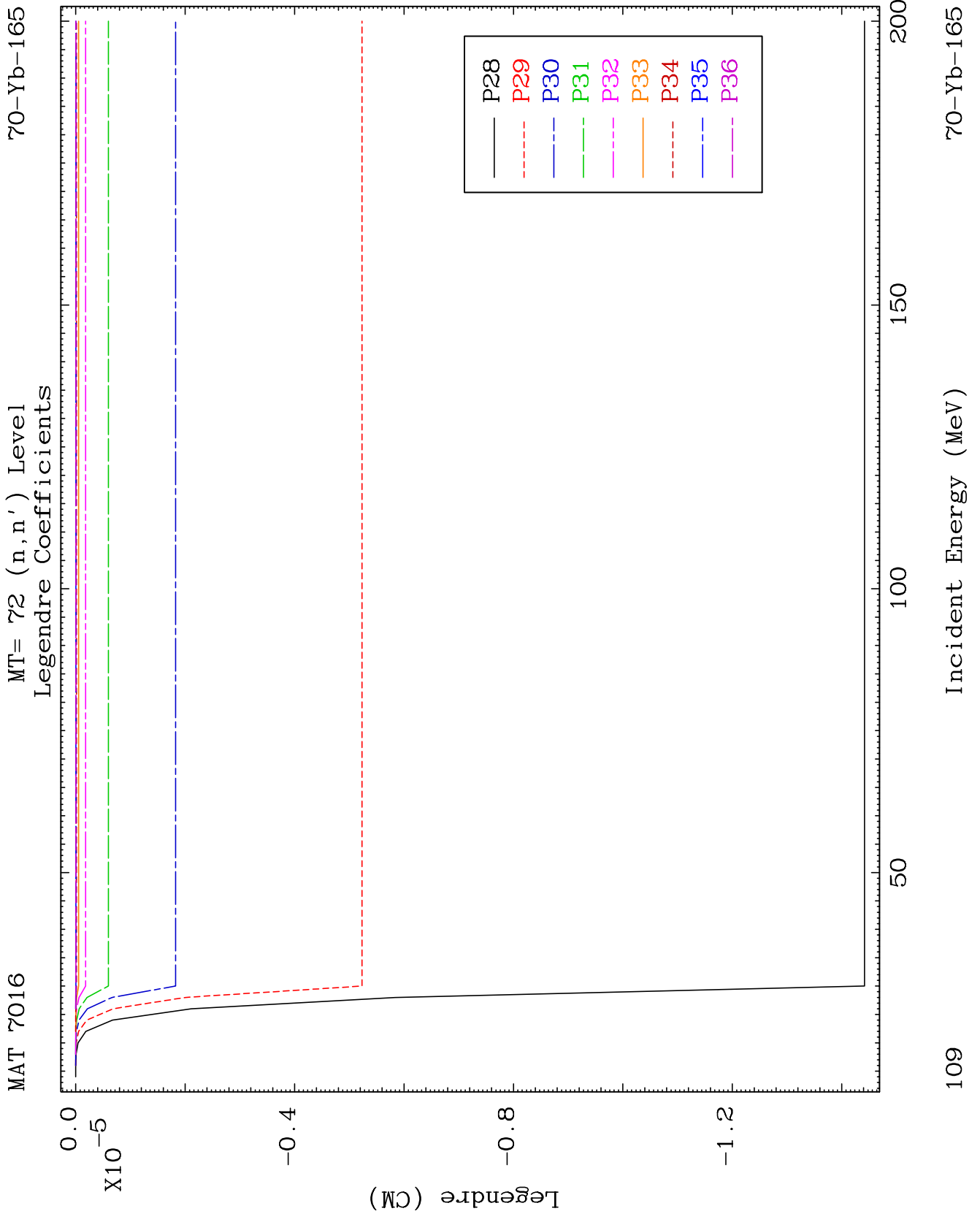
70-Yb-165

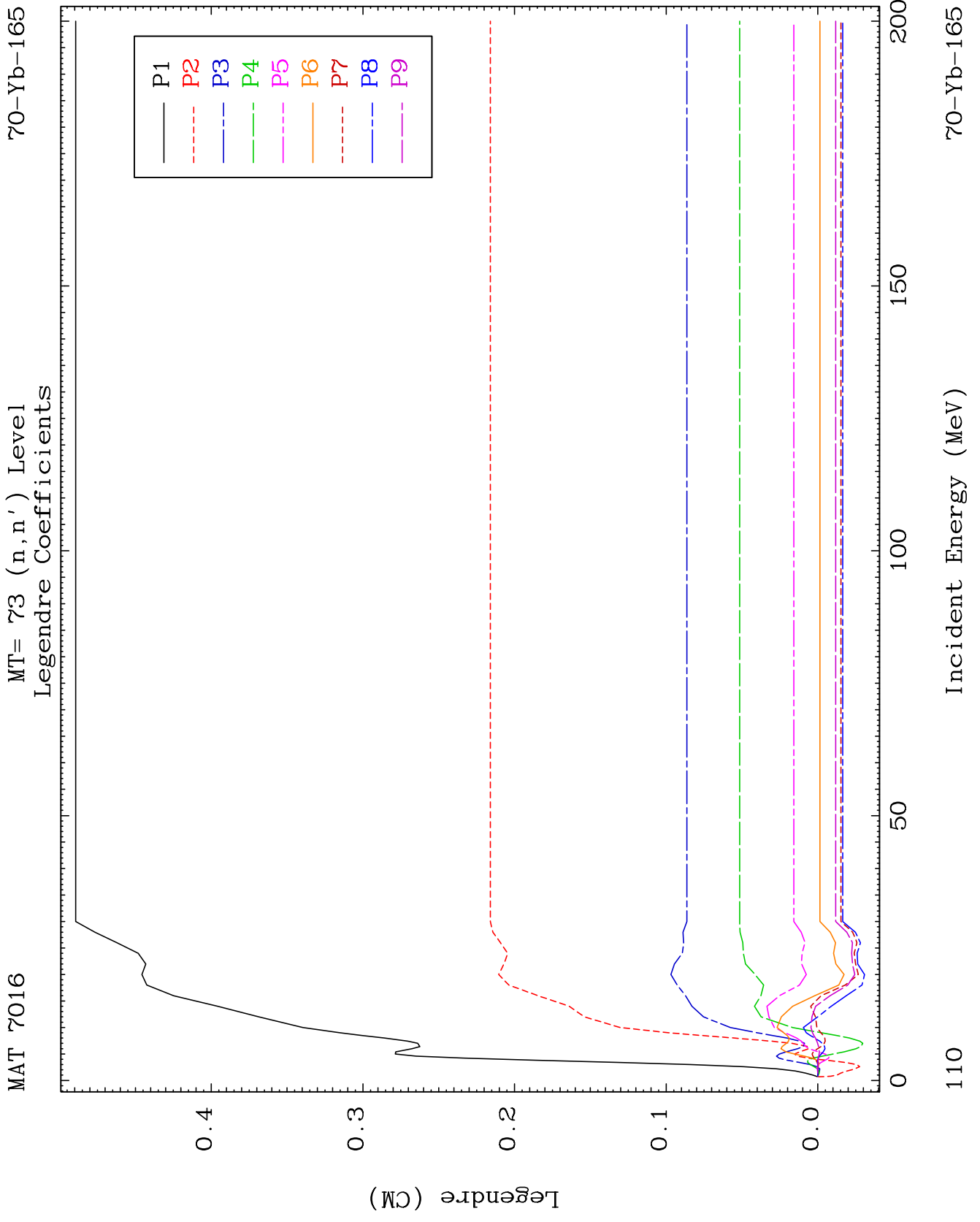


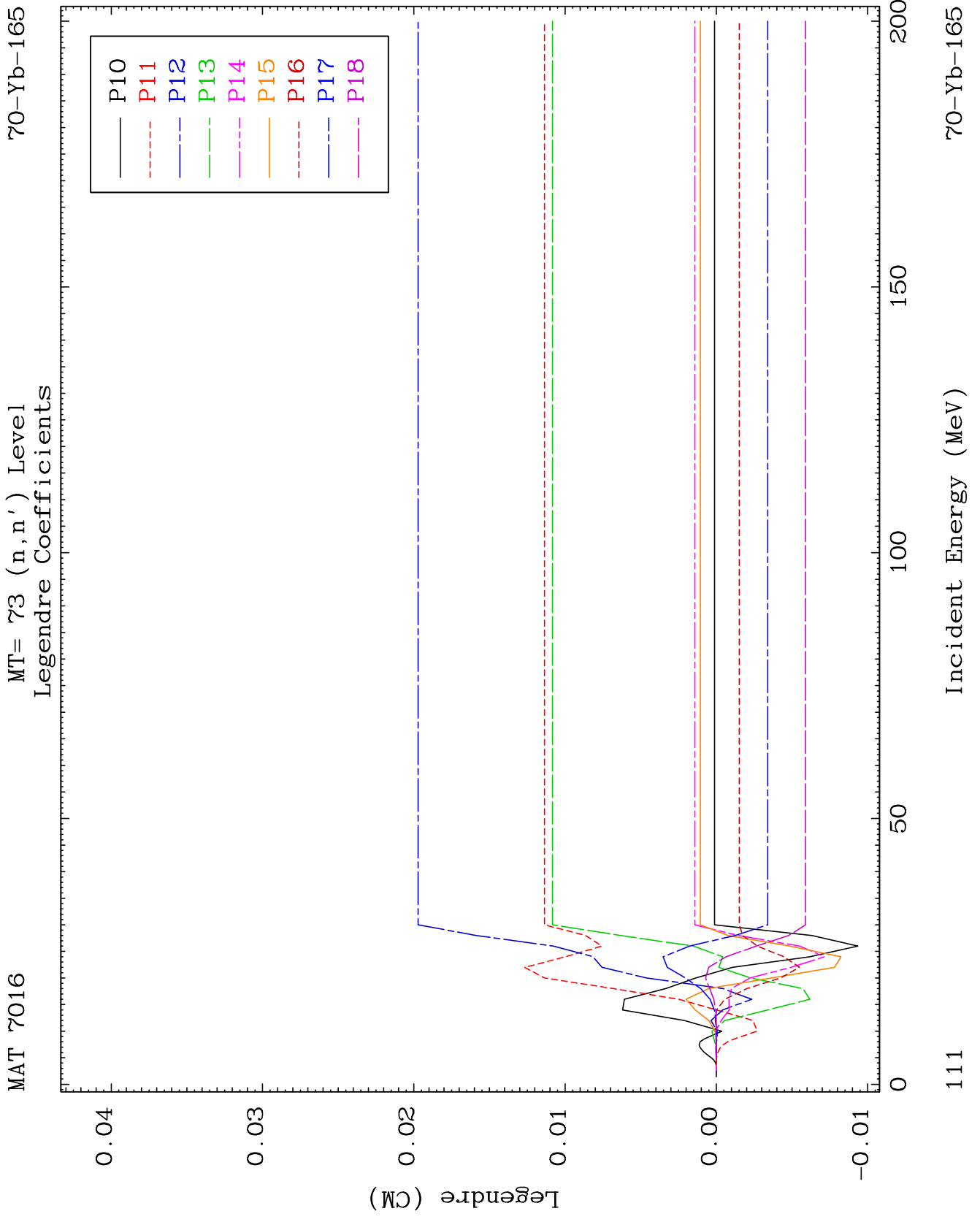
108

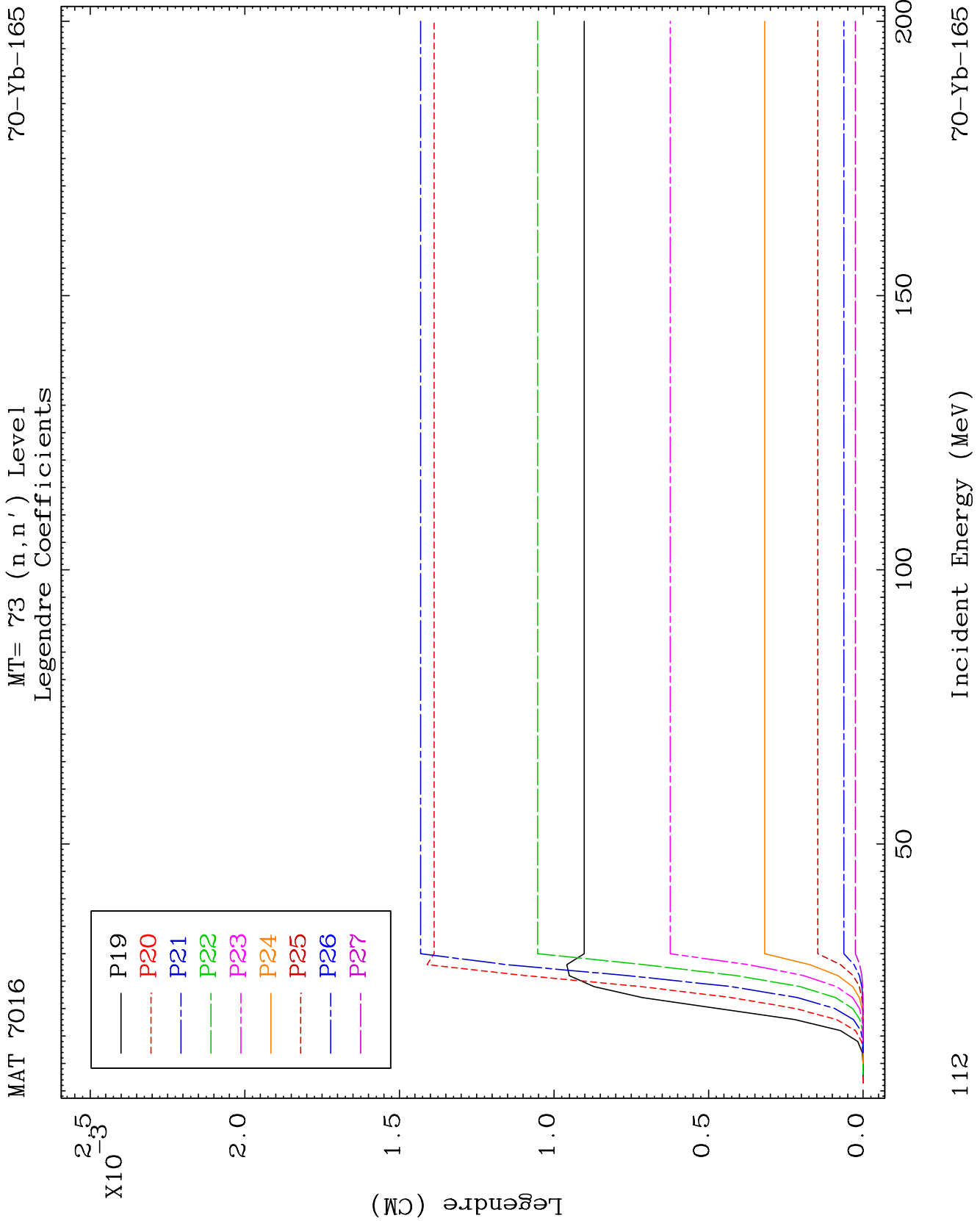
Incident Energy (MeV)

70-Yb-165





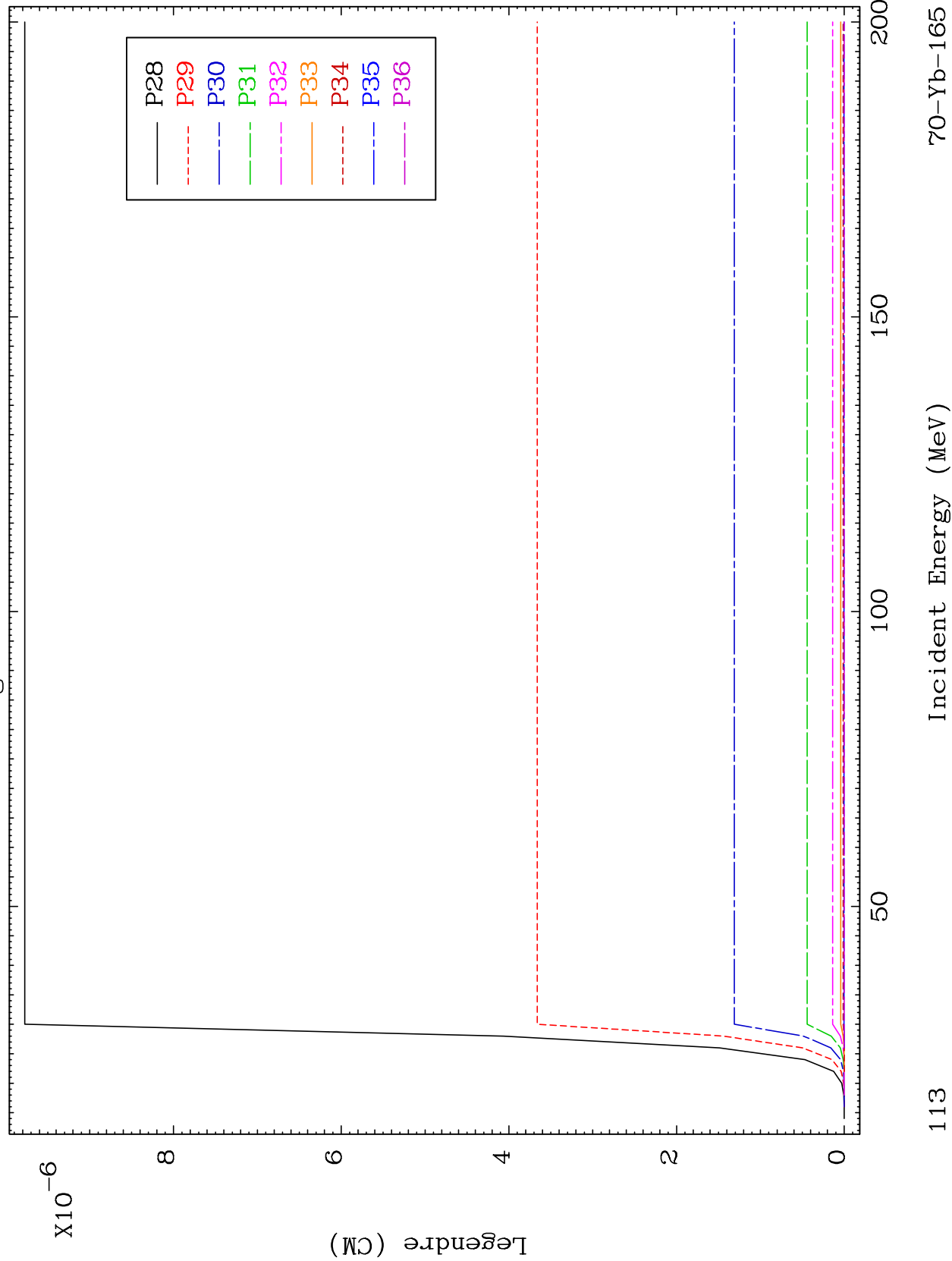




MAT 7016

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

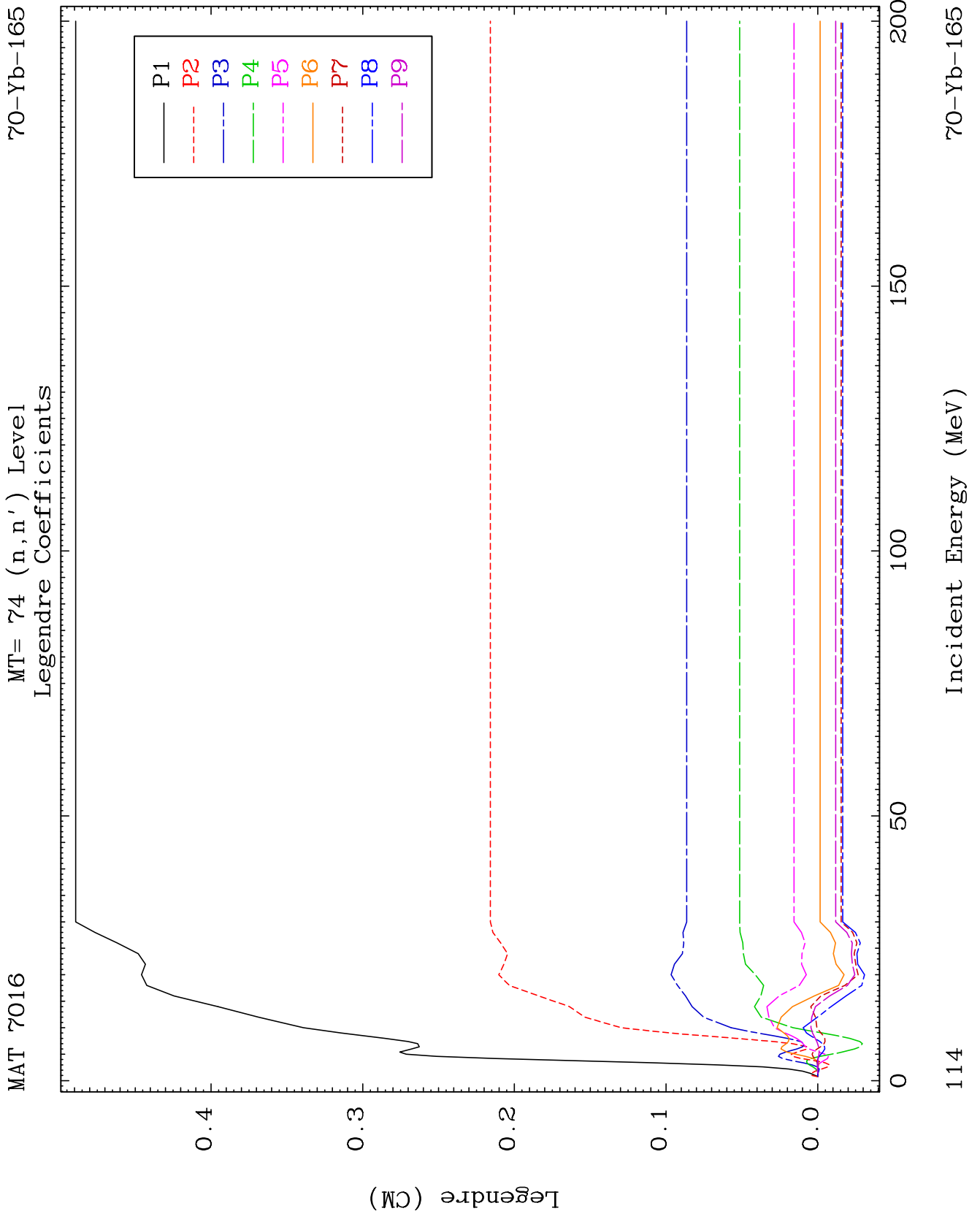
70-Yb-165

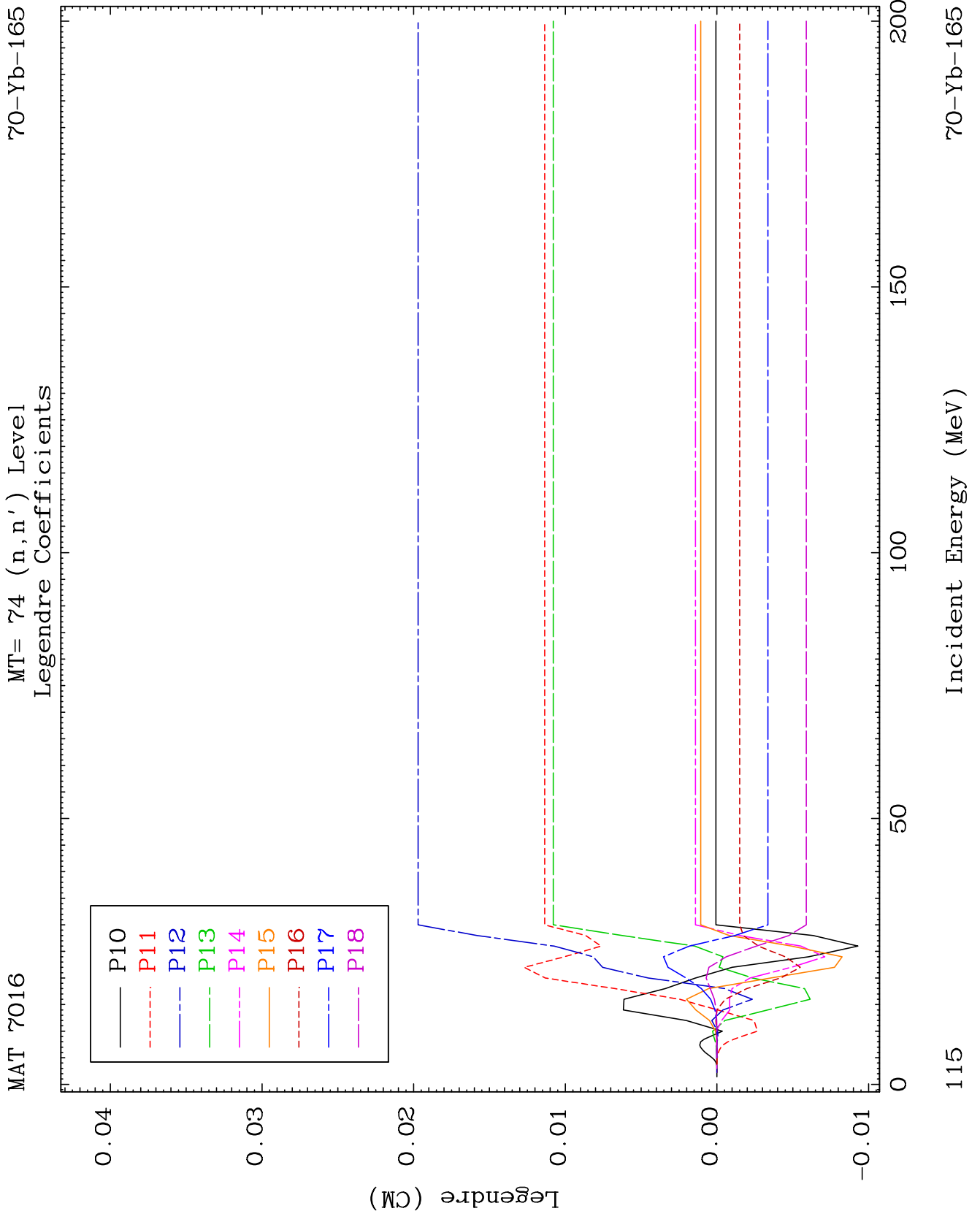


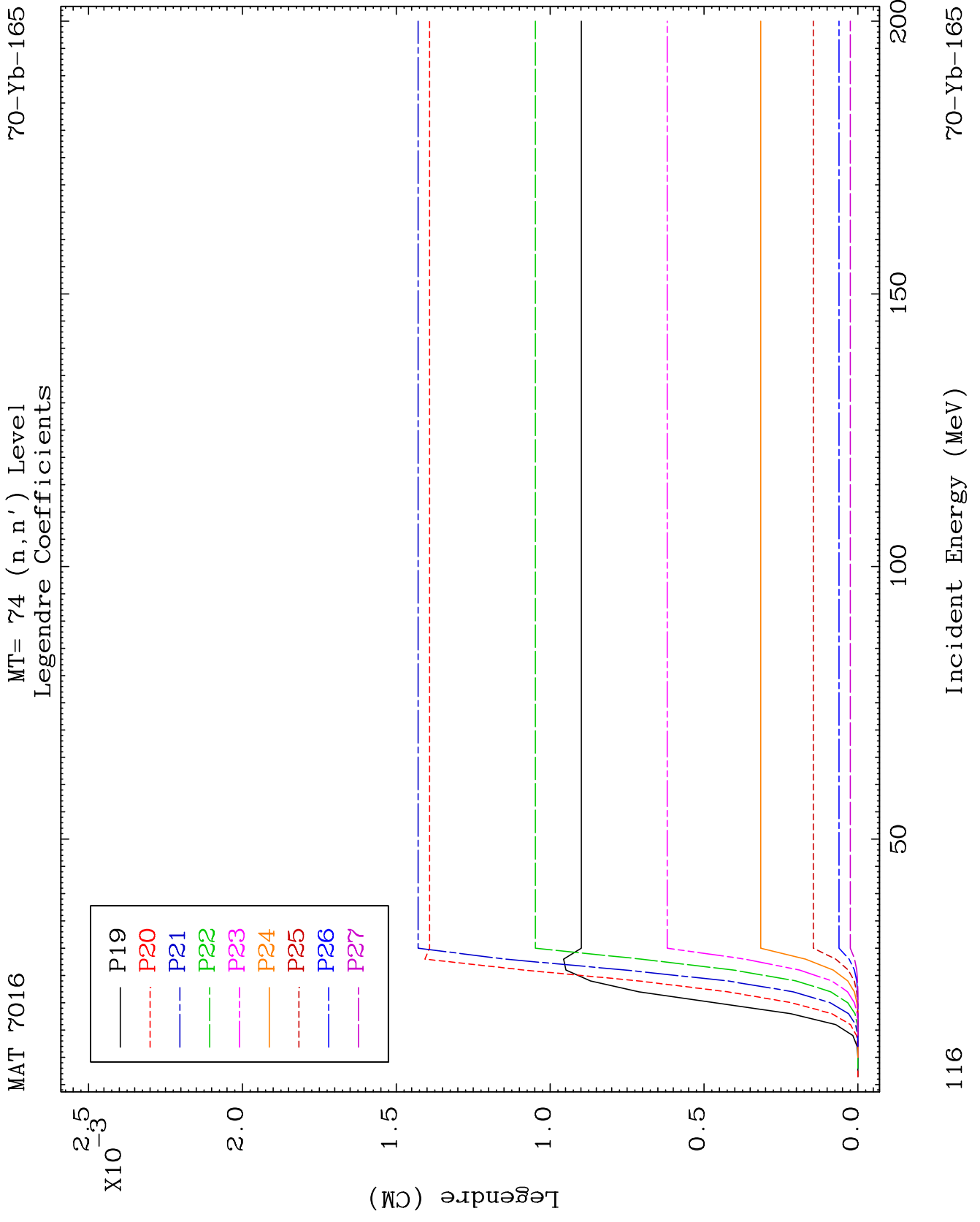
113

Incident Energy (MeV)

70-Yb-165



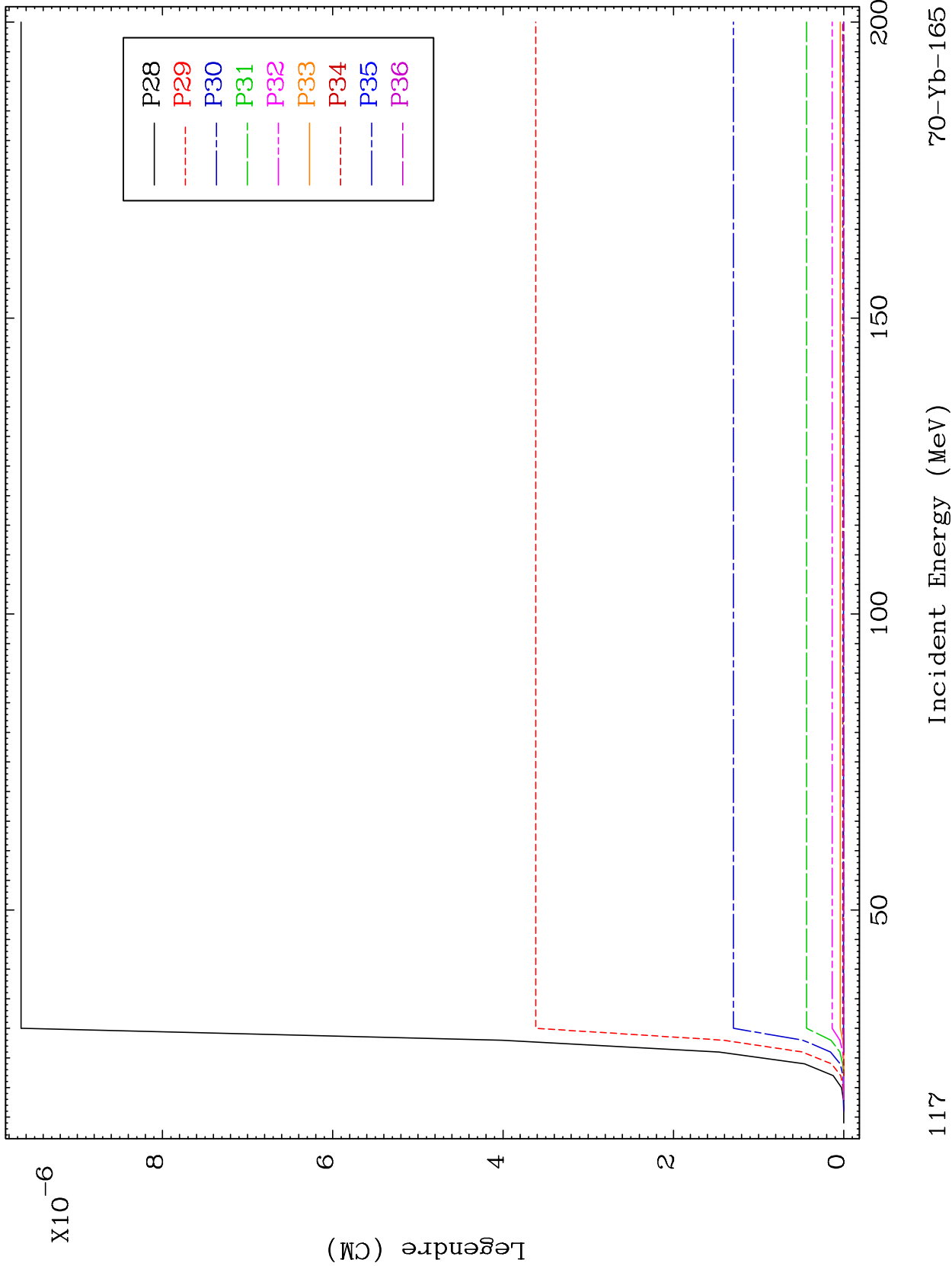




MAT 7016

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

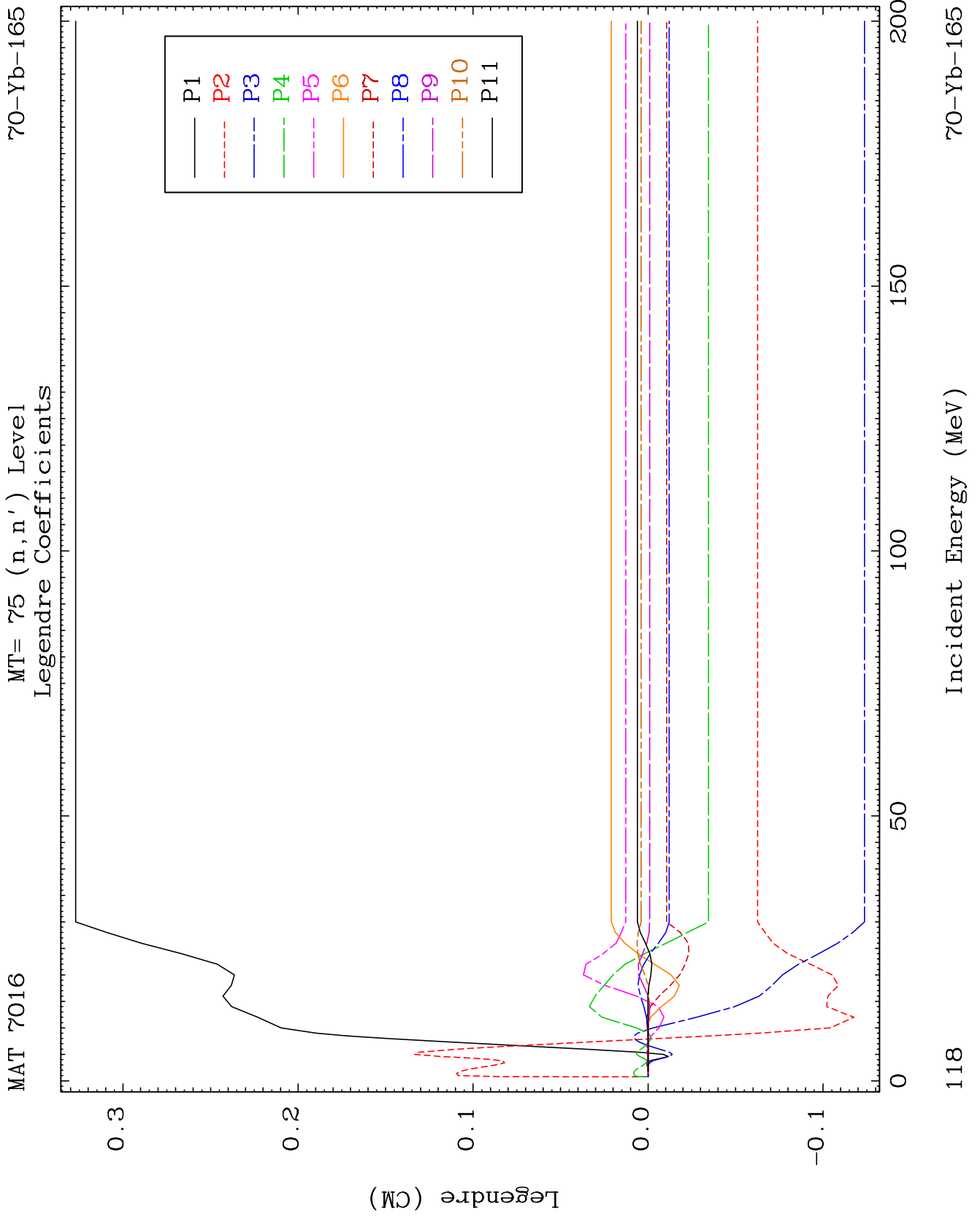
70-Yb-165



117

Incident Energy (MeV)

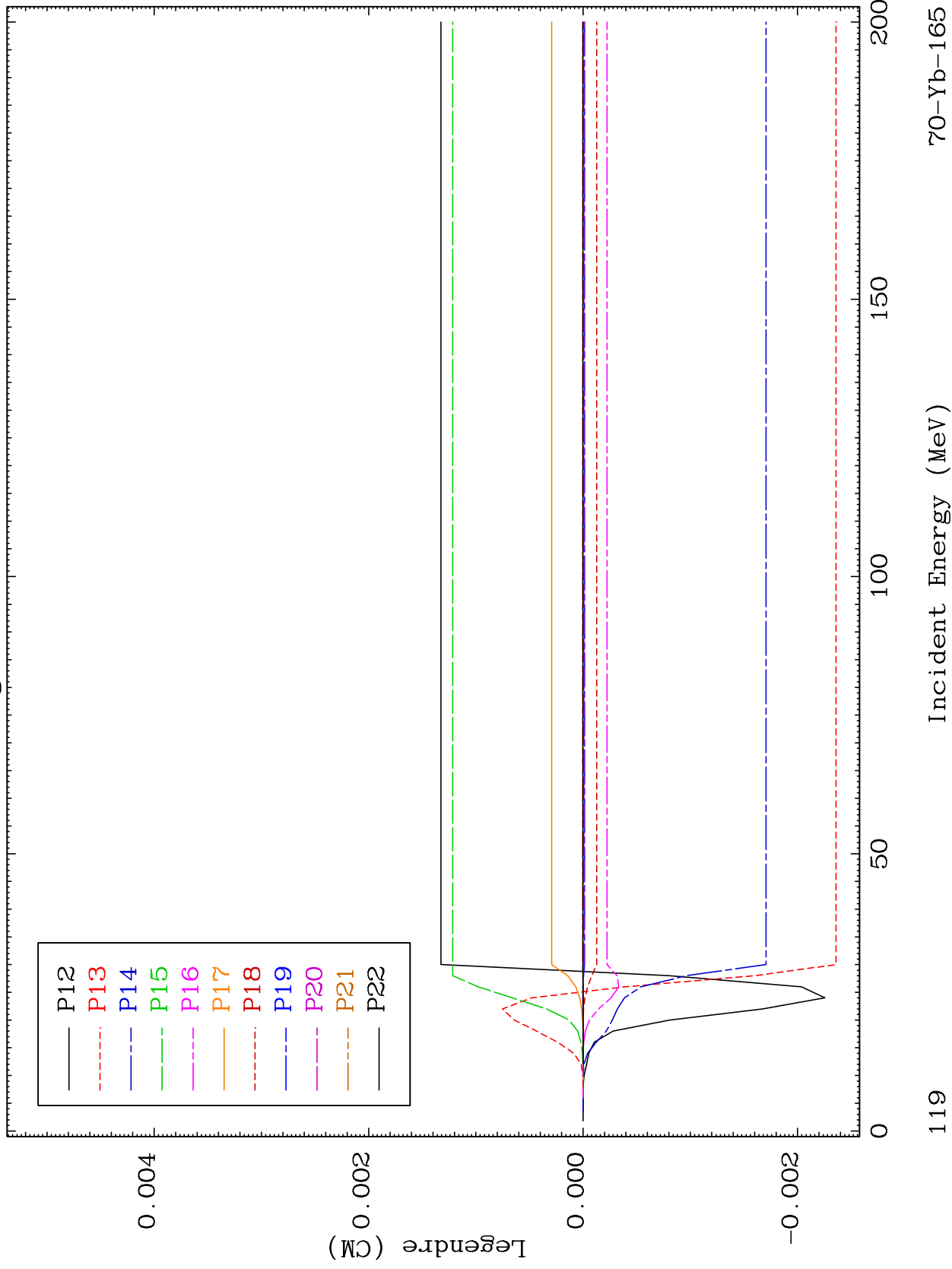
70-Yb-165



MAT 7016

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

70-Yb-165



119

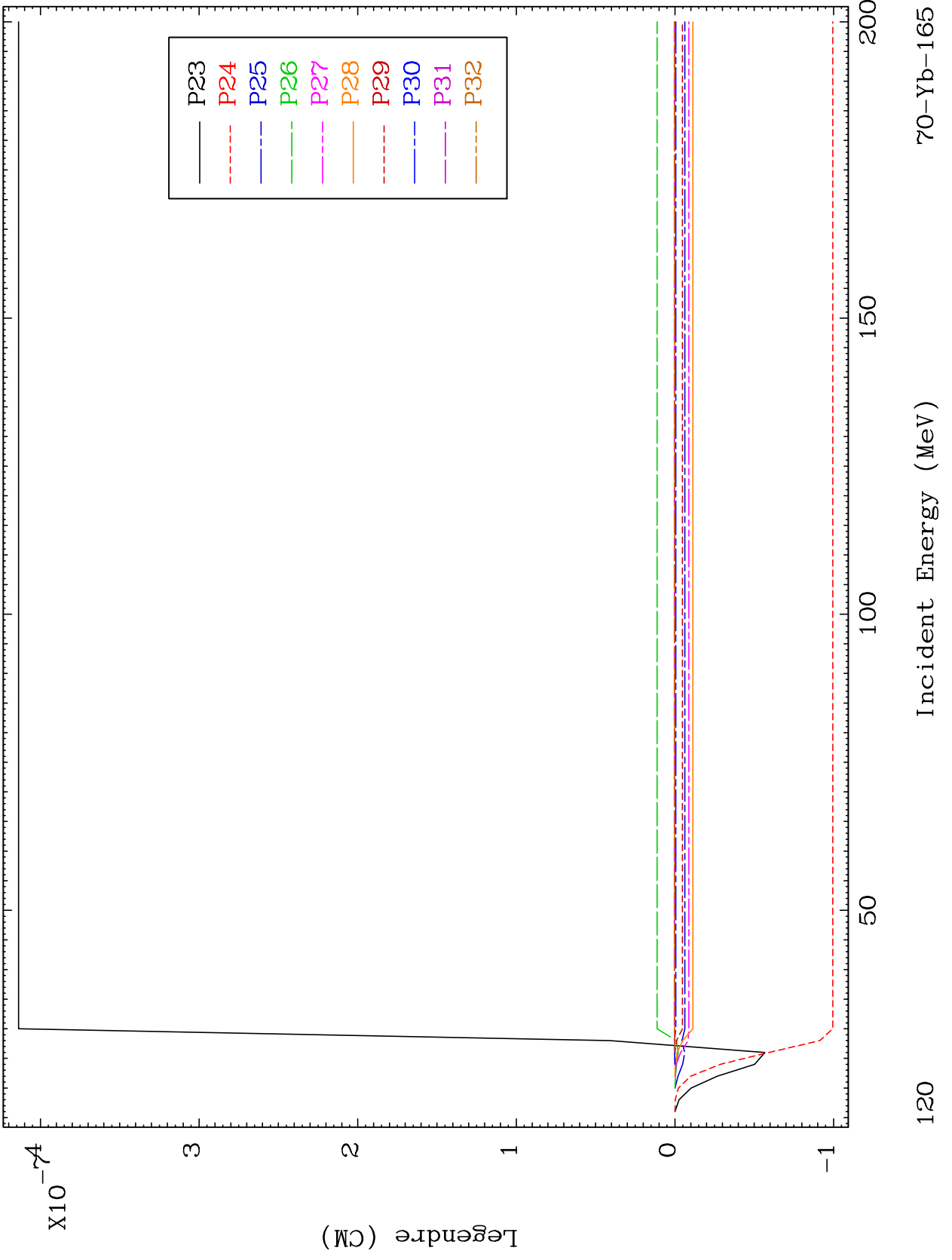
Incident Energy (MeV)

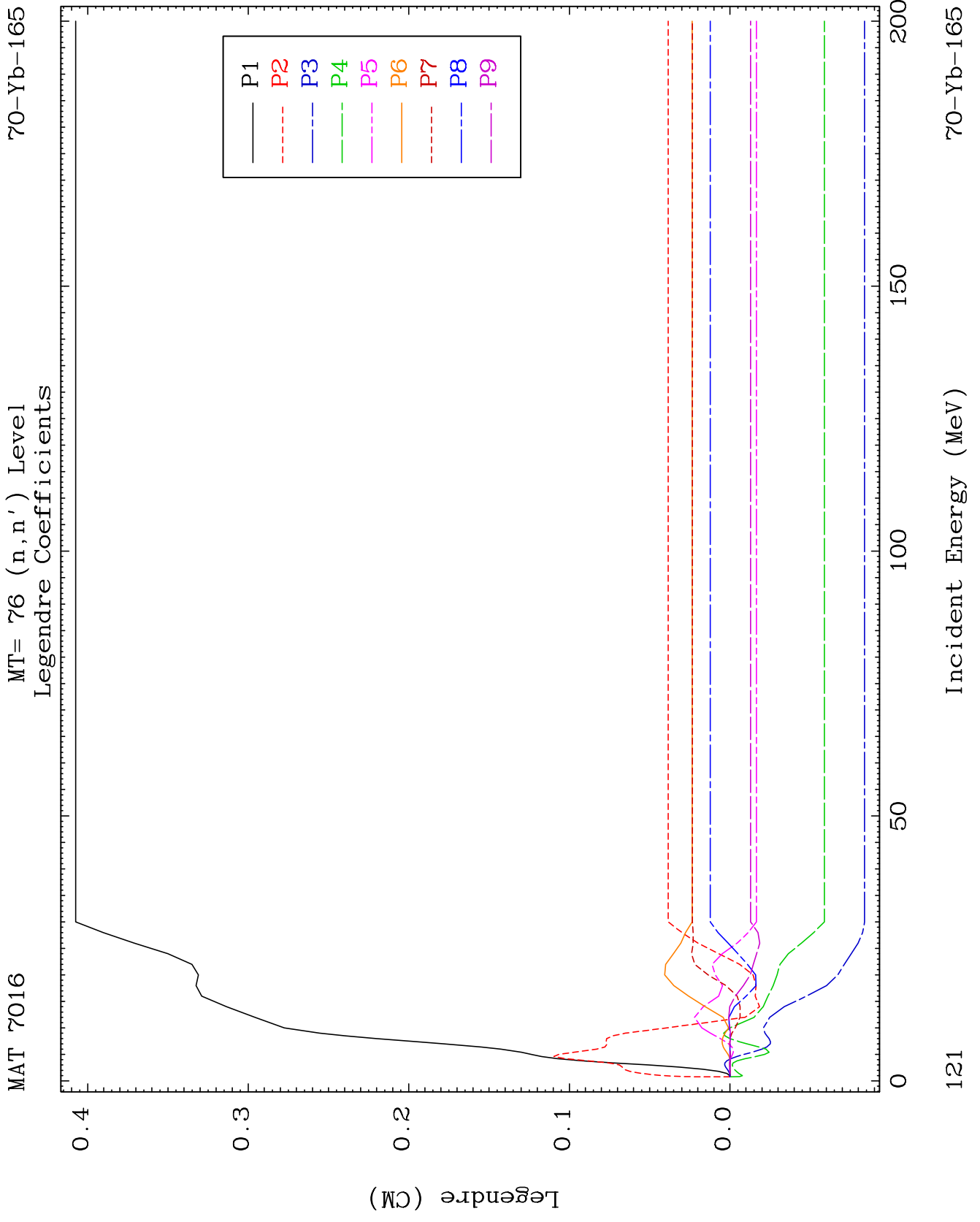
70-Yb-165

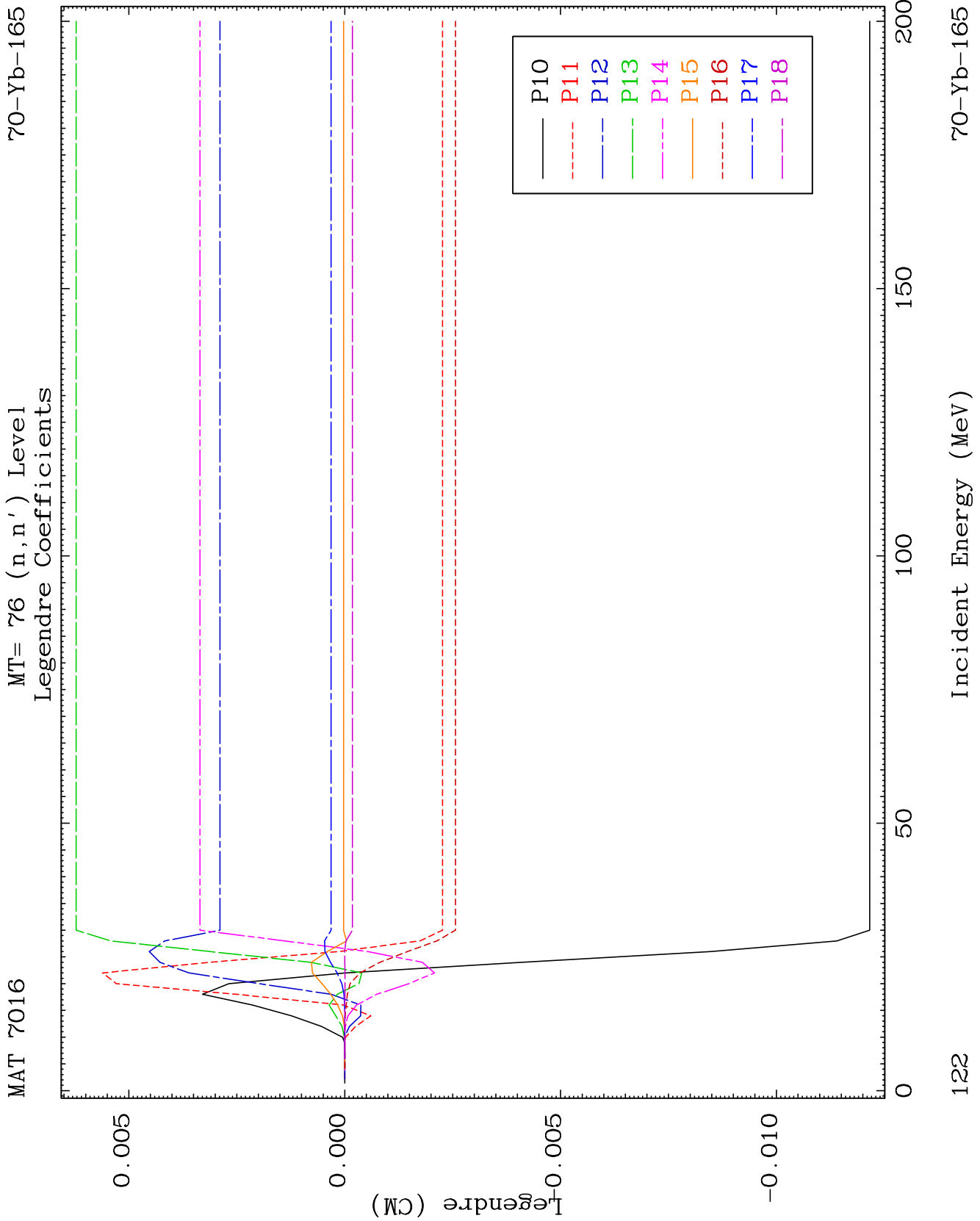
MAT 7016

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

70-Yb-165



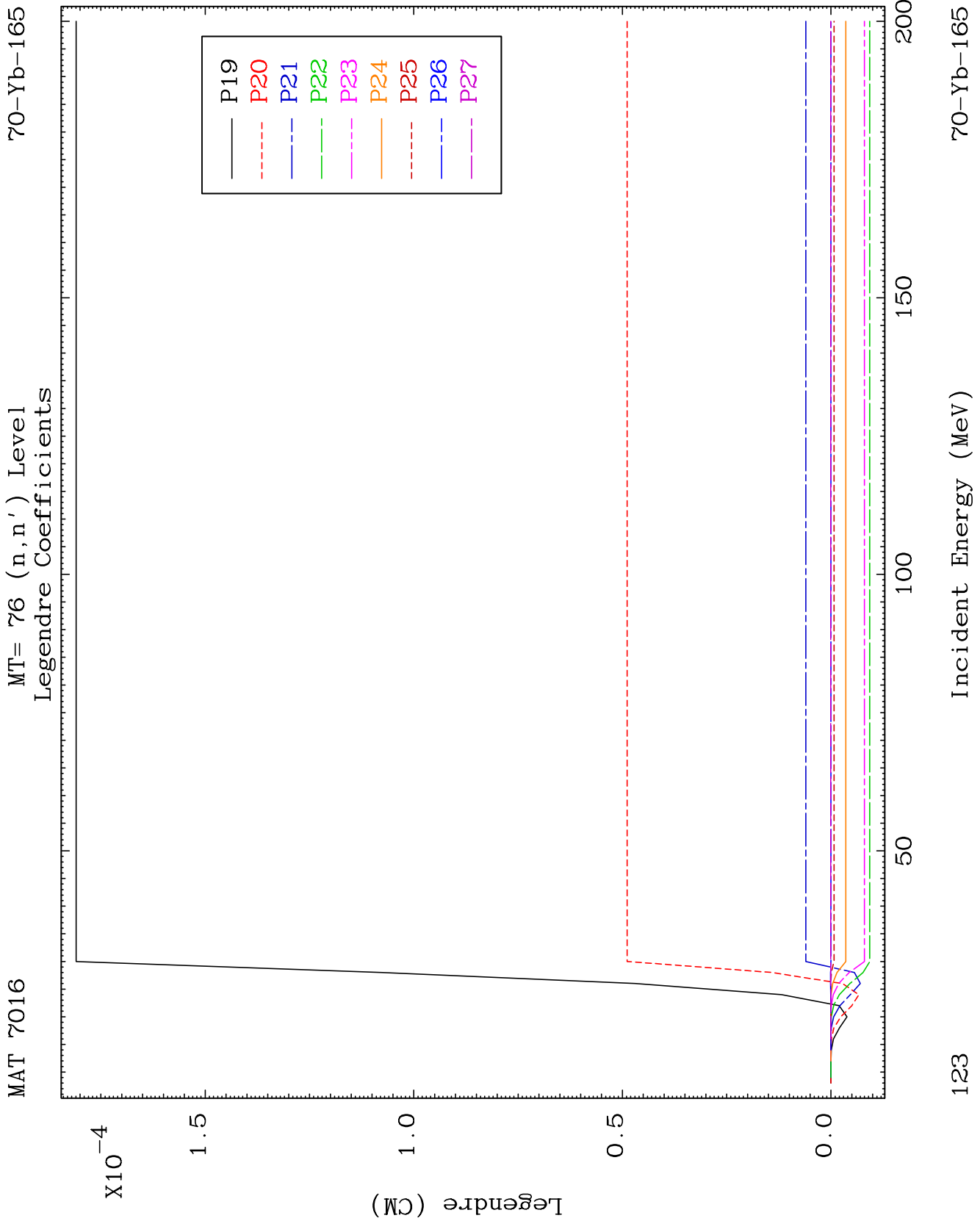




70-Yb-165

Incident Energy (MeV)

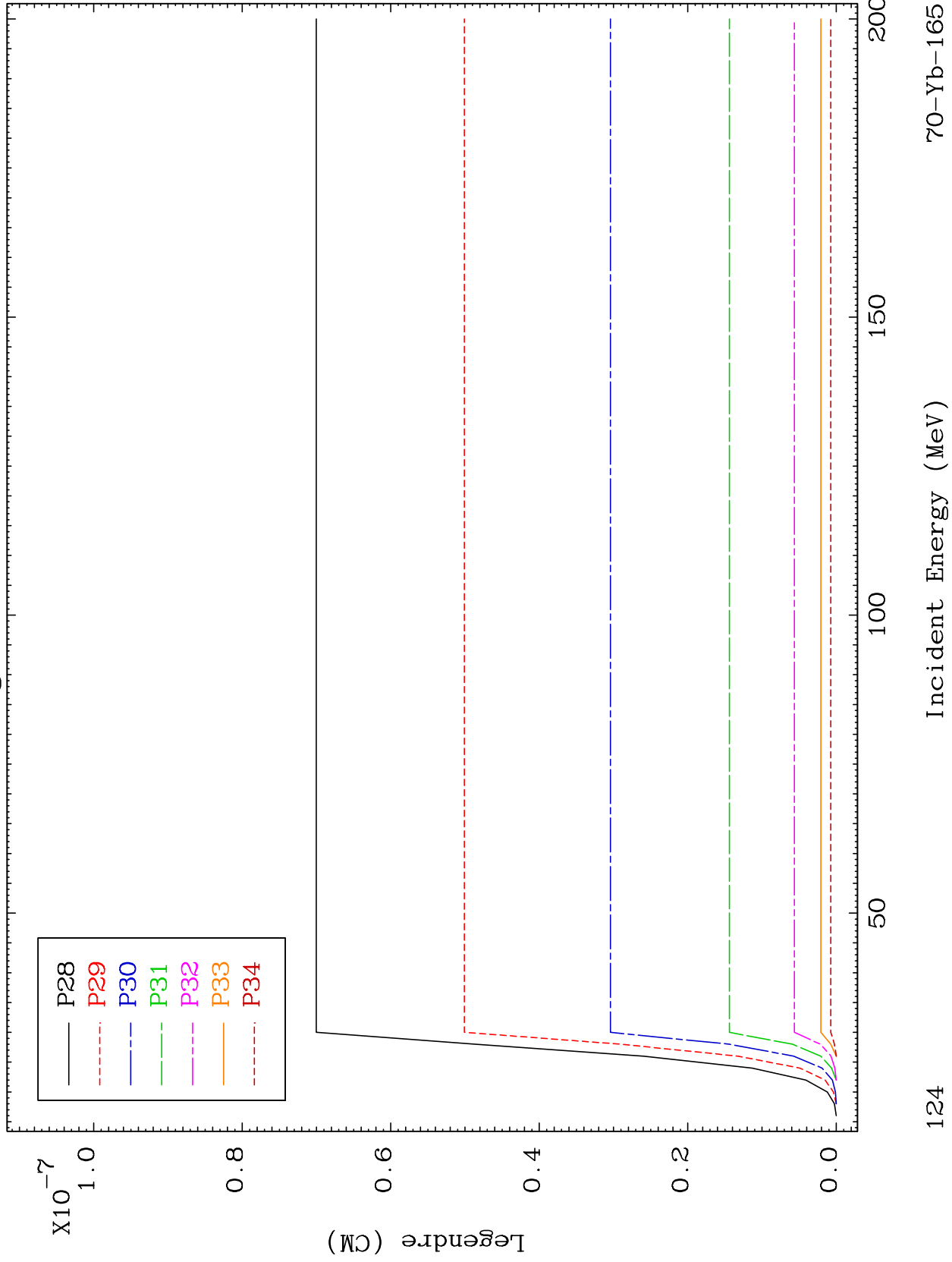
122

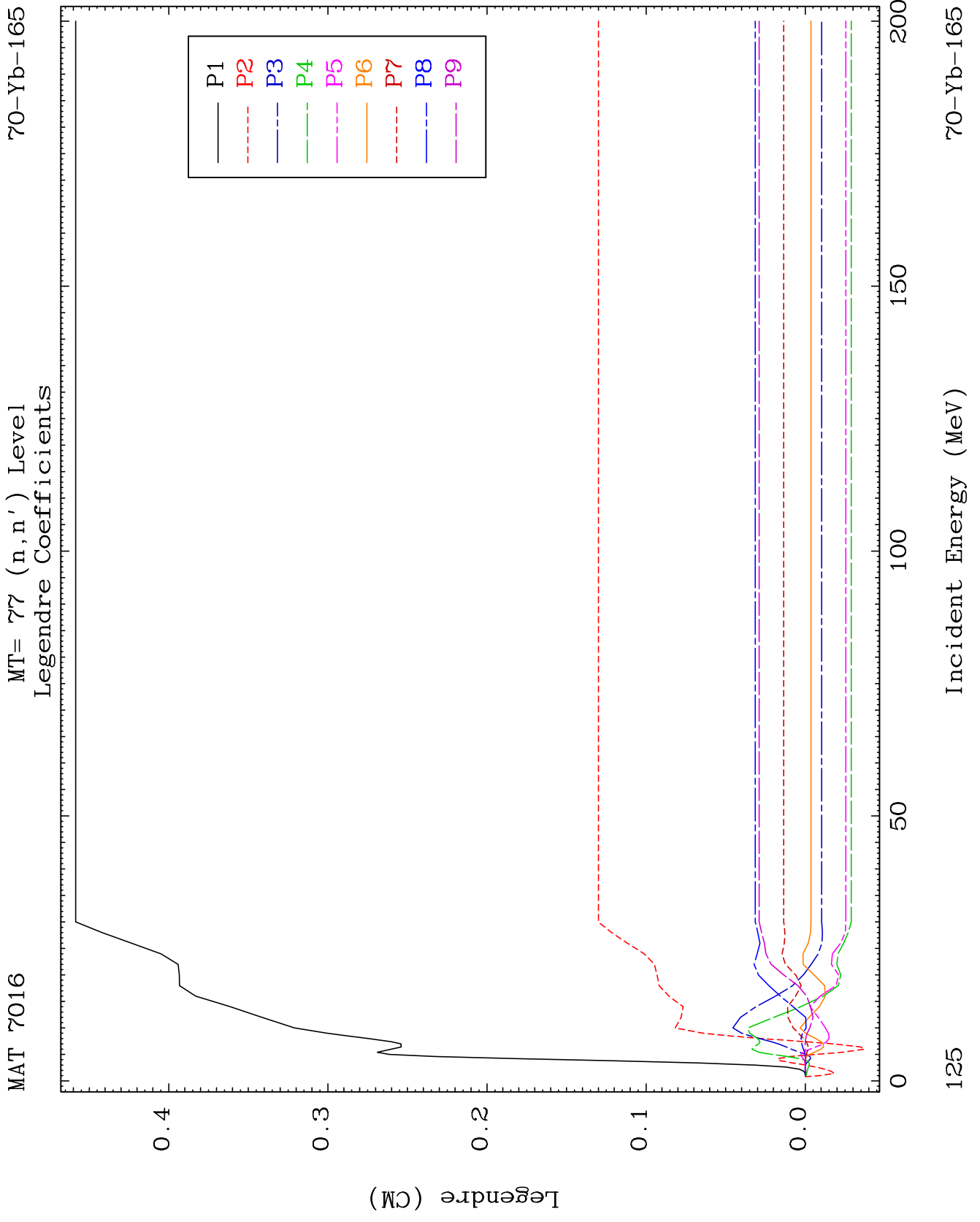


MAT 7016

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

70-Yb-165

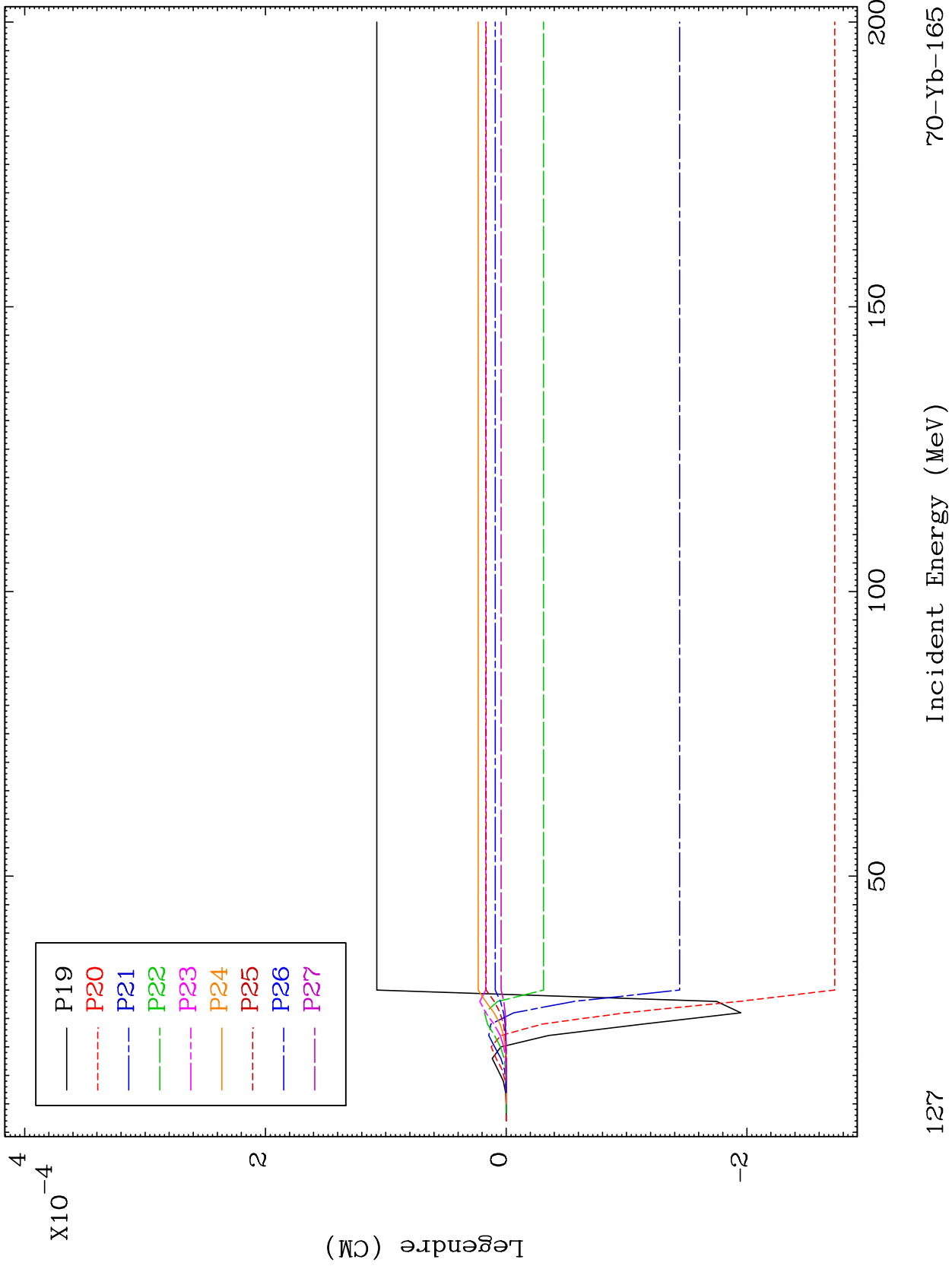




MAT 7016

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

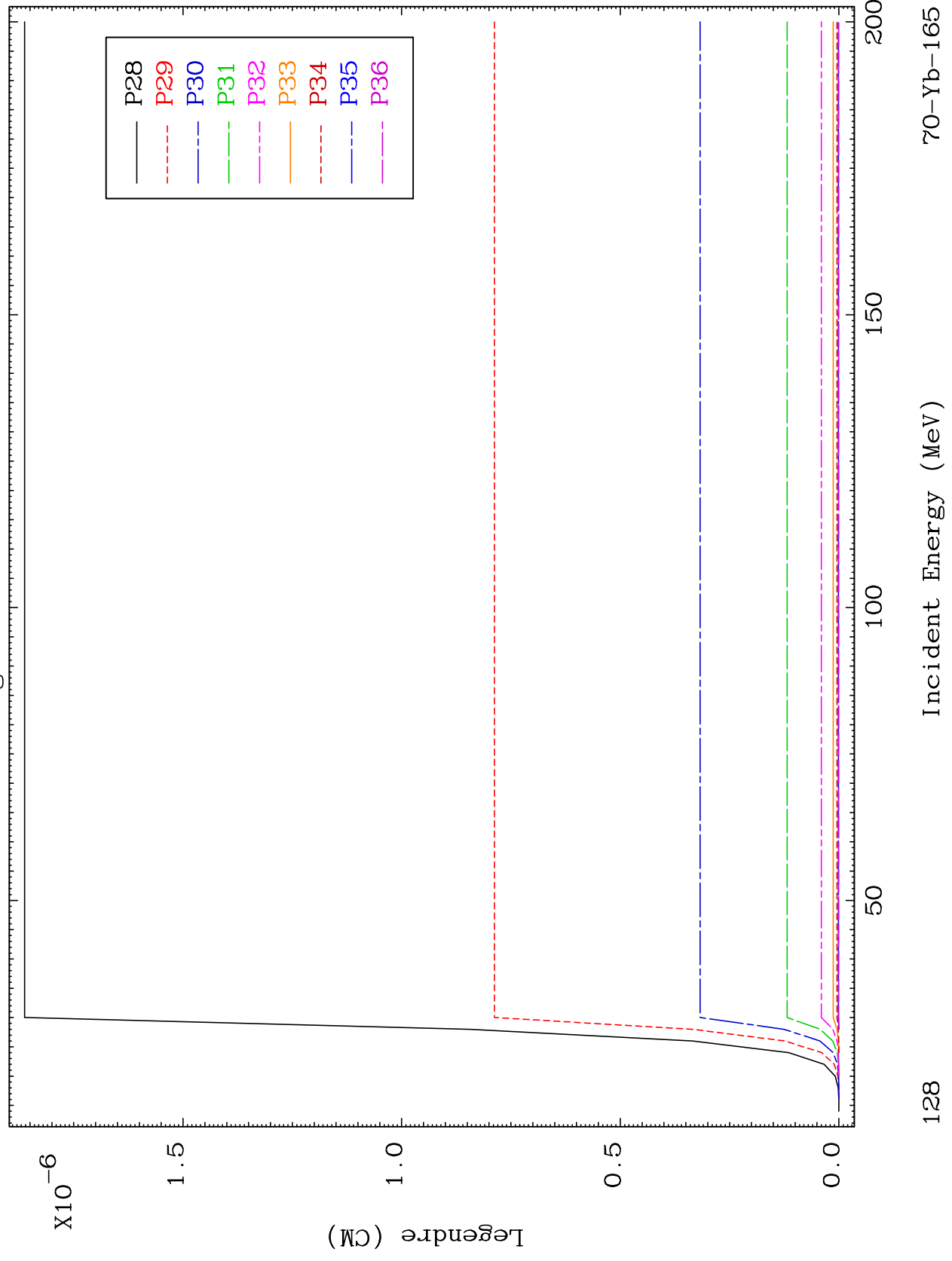
70-Yb-165



MAT 7016

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

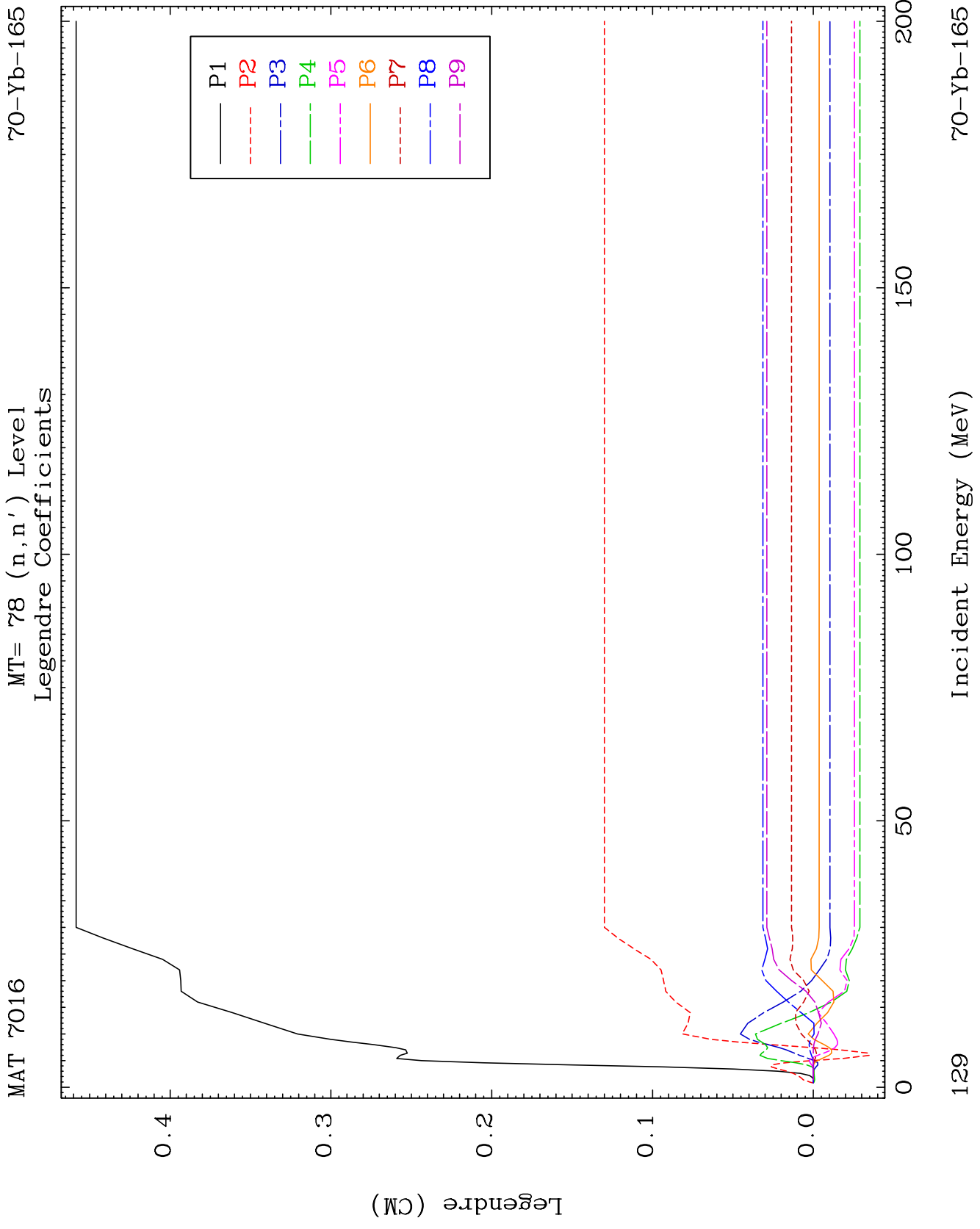
70-Yb-165

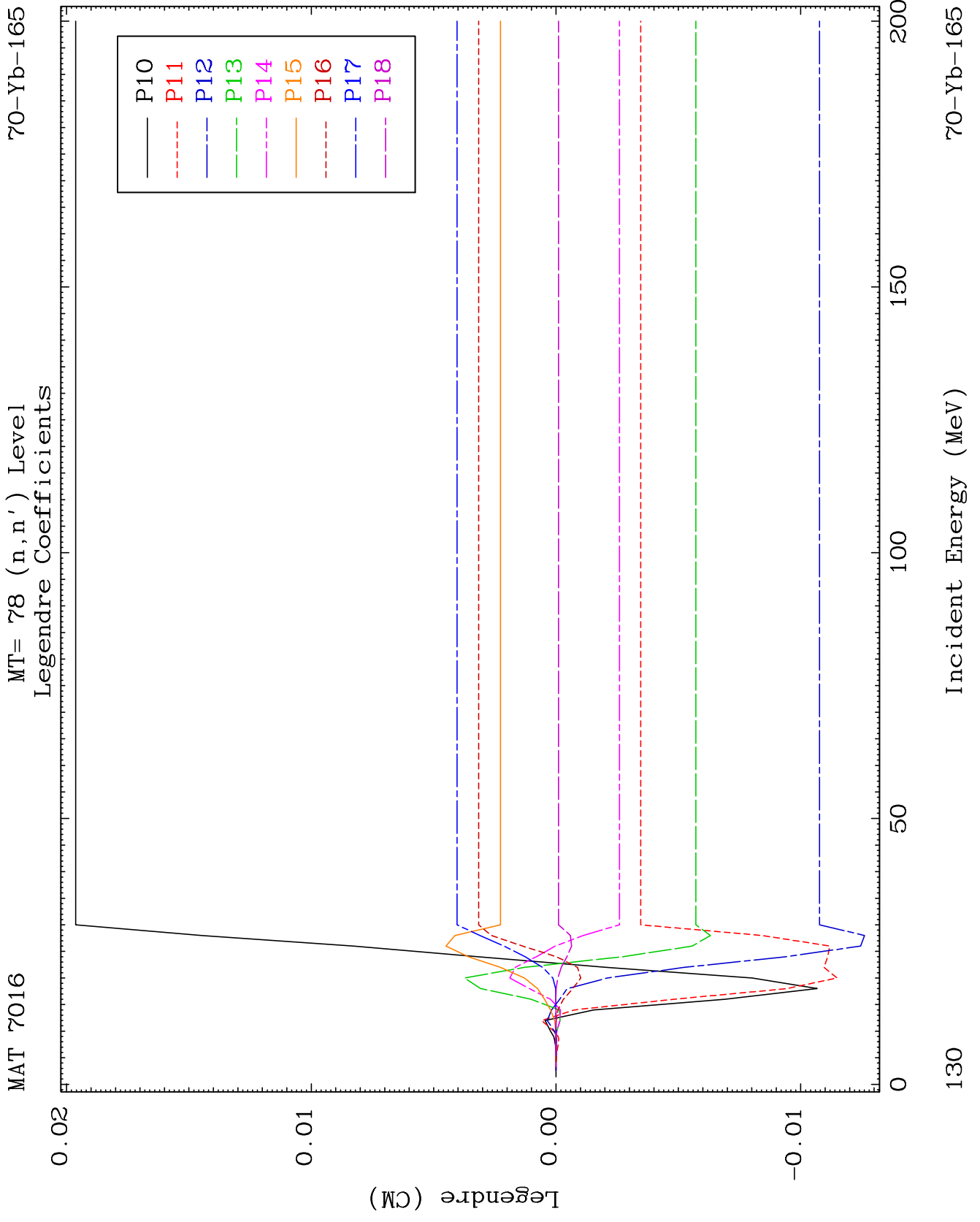


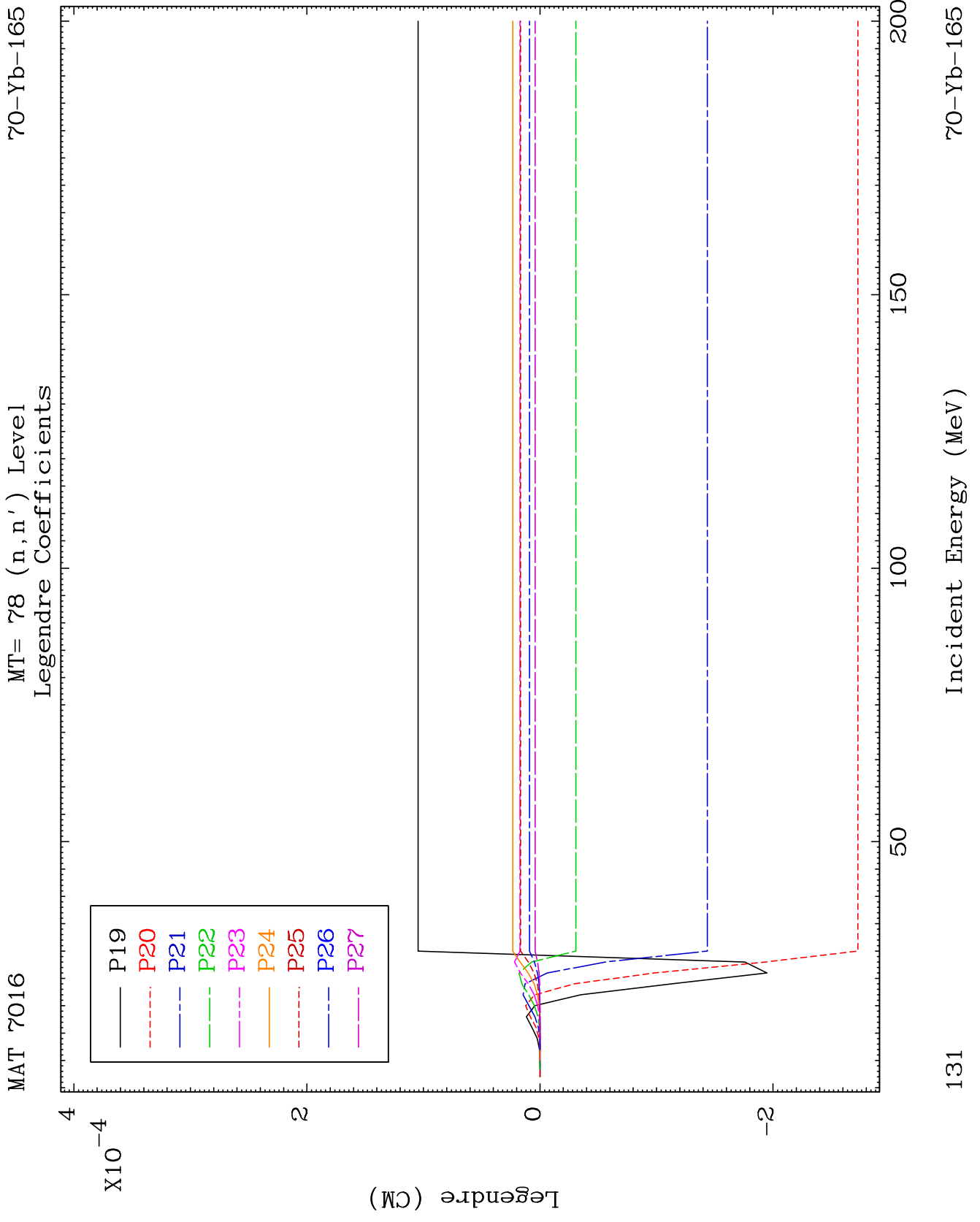
128

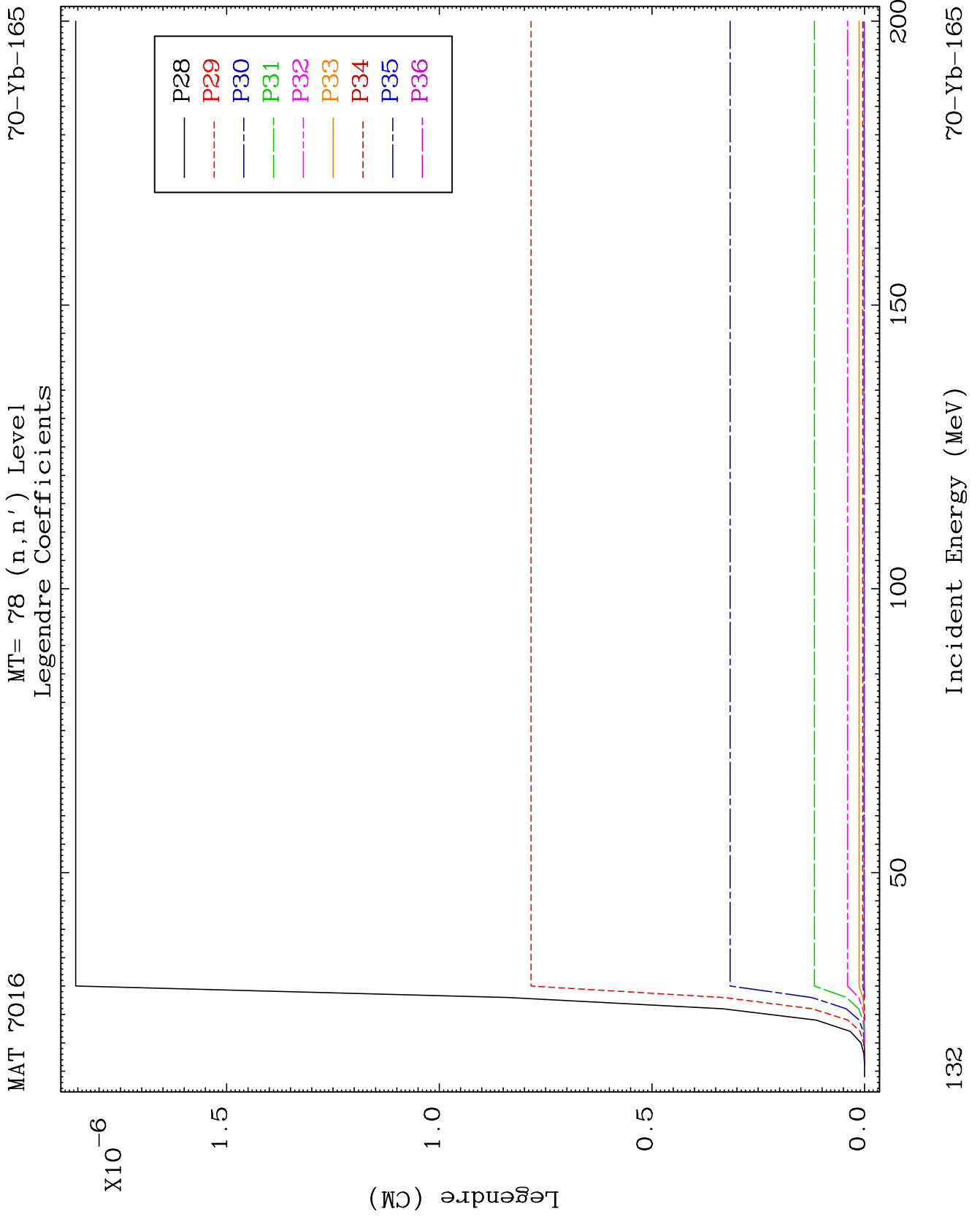
Incident Energy (MeV)

70-Yb-165







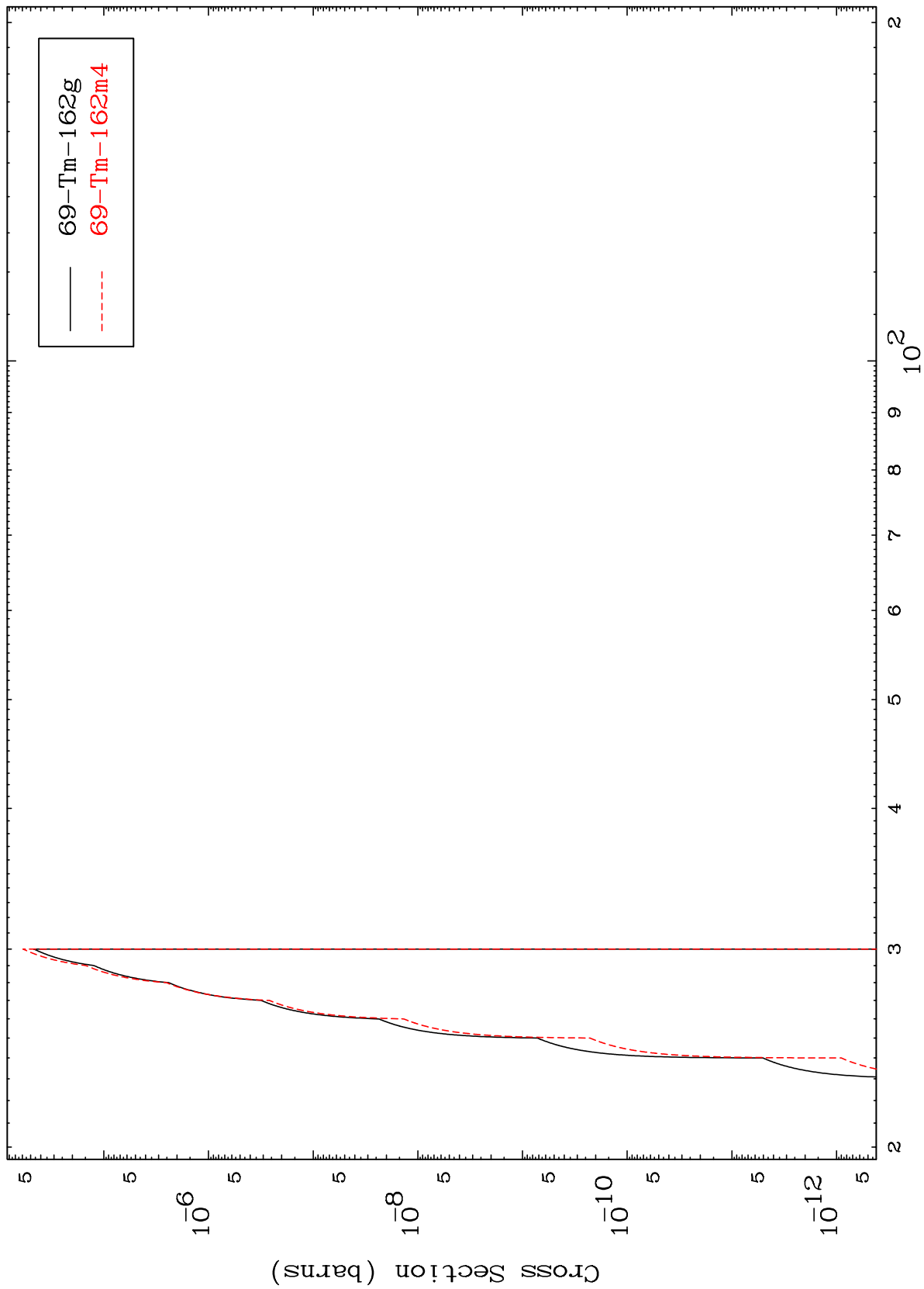


MAT 7016

(n,2n) d

70-Yb-165

Radionuclide Production Cross Section



133

Incident Energy (MeV)

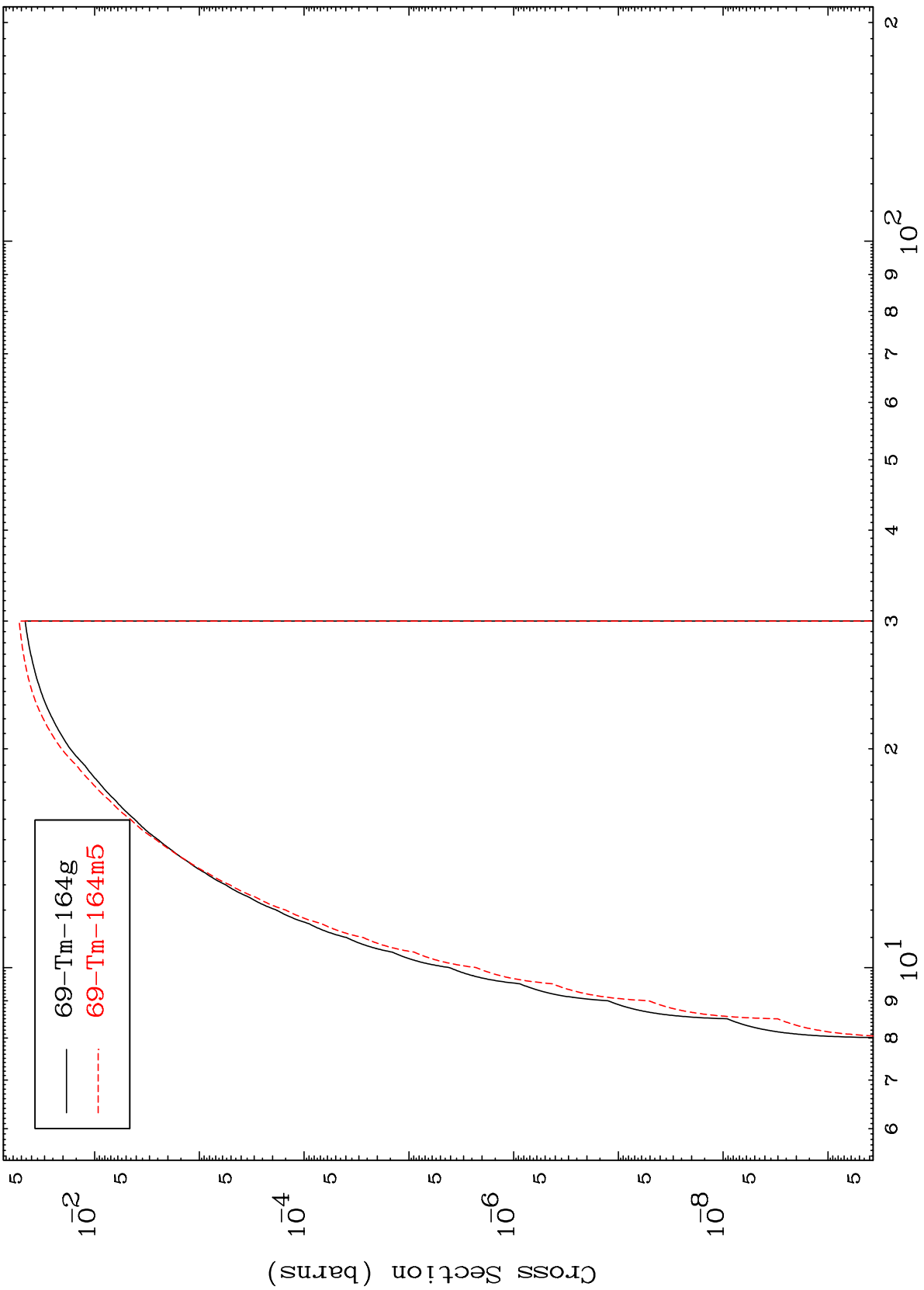
70-Yb-165

MAT 7016

(n,n') p

70-Yb-165

Radionuclide Production Cross Section

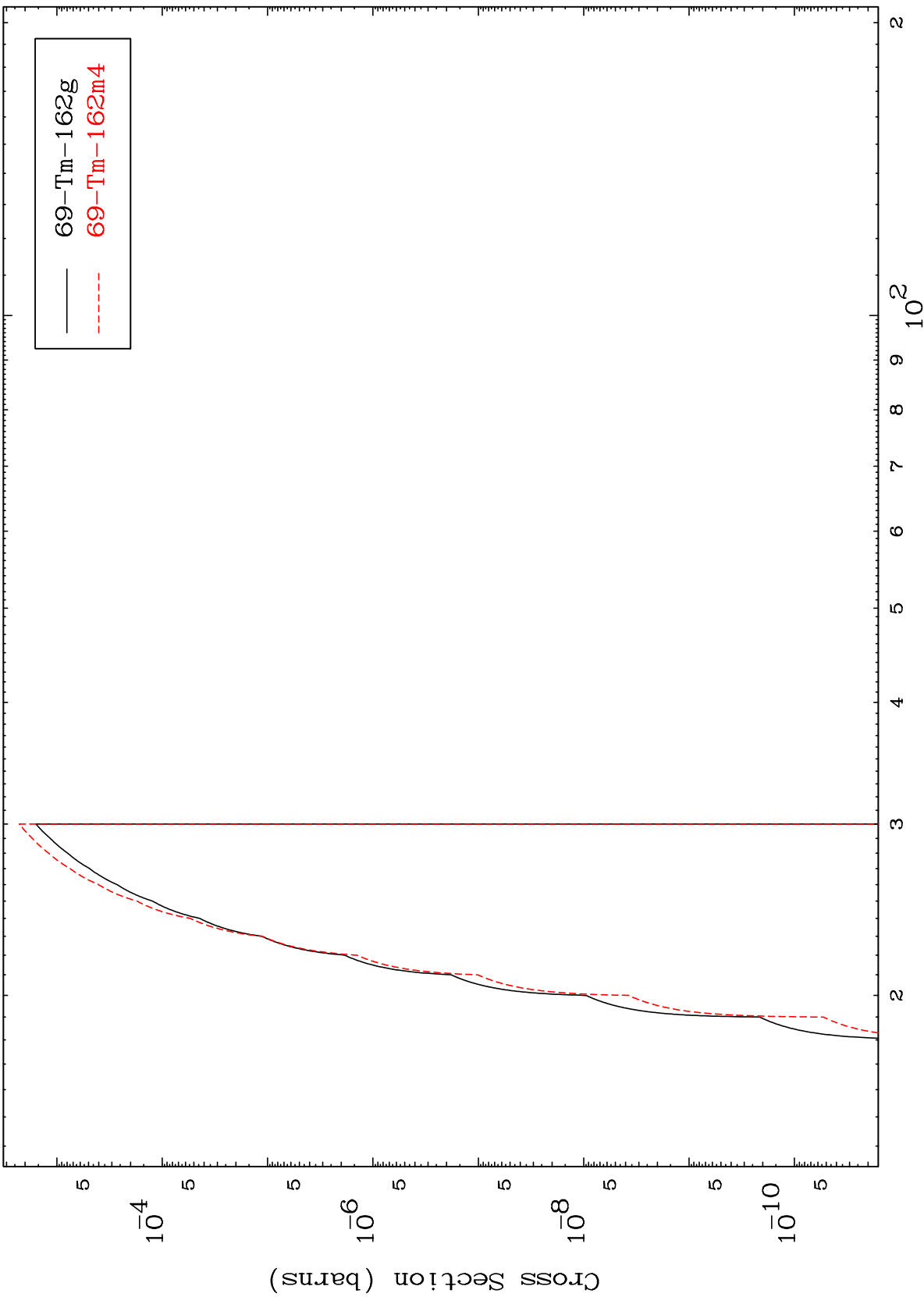


134

Incident Energy (MeV)

70-Yb-165

Radionuclide Production Cross Section

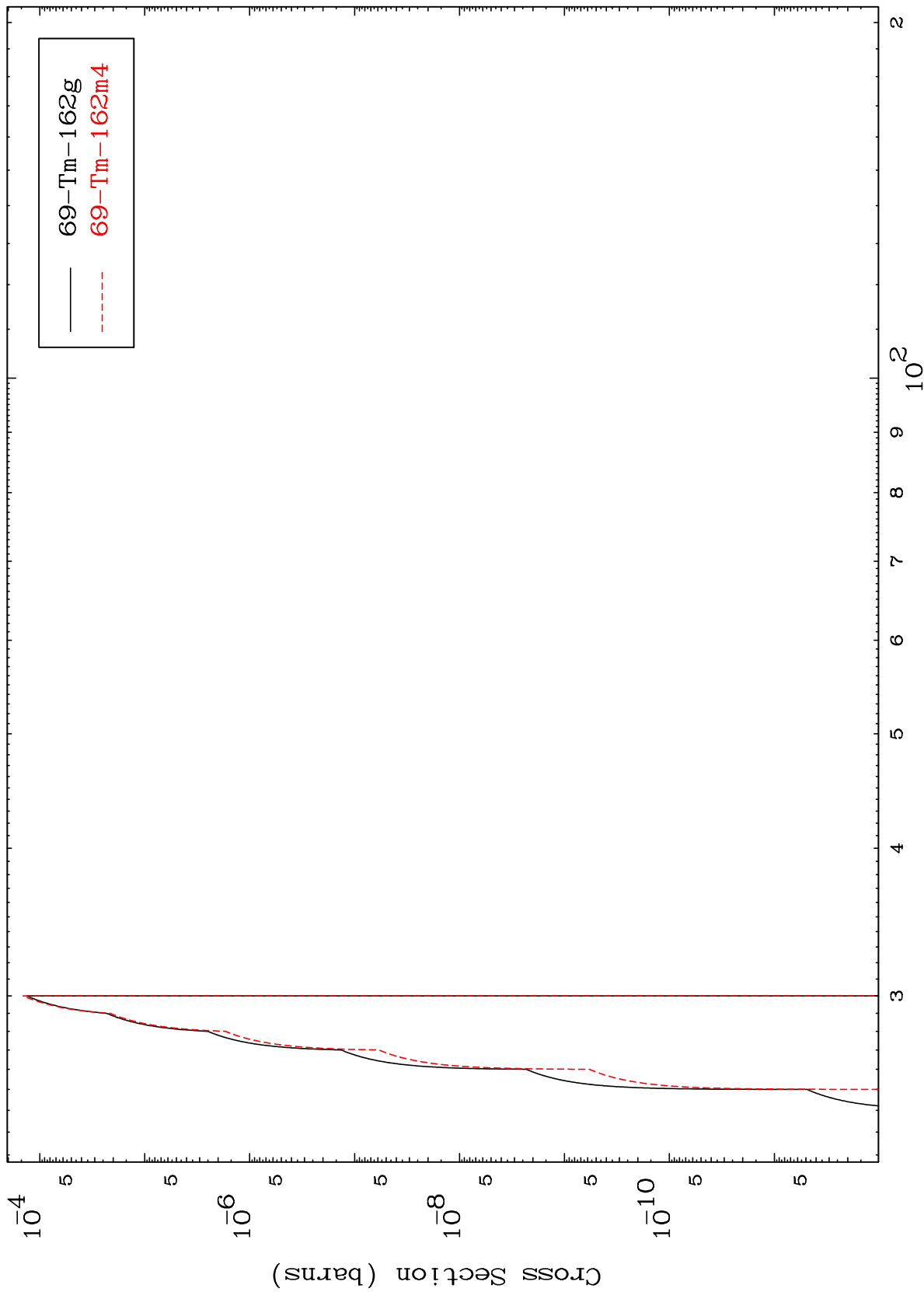


MAT 7016

(n,3n) p

70-Yb-165

Radionuclide Production Cross Section



136

Incident Energy (MeV)

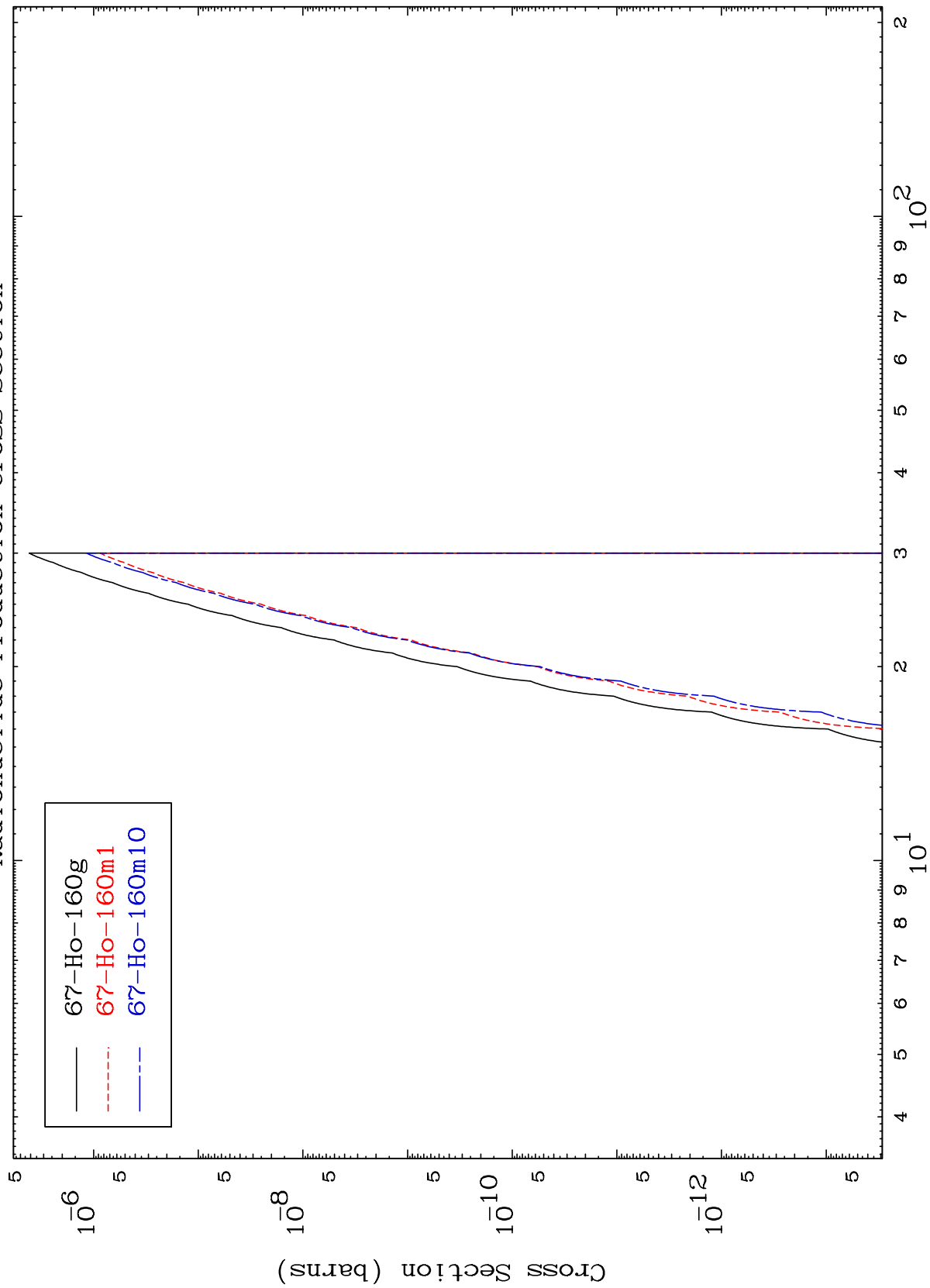
70-Yb-165

MAT 7016

(n,n') p α

70-Yb-165

Radionuclide Production Cross Section



137

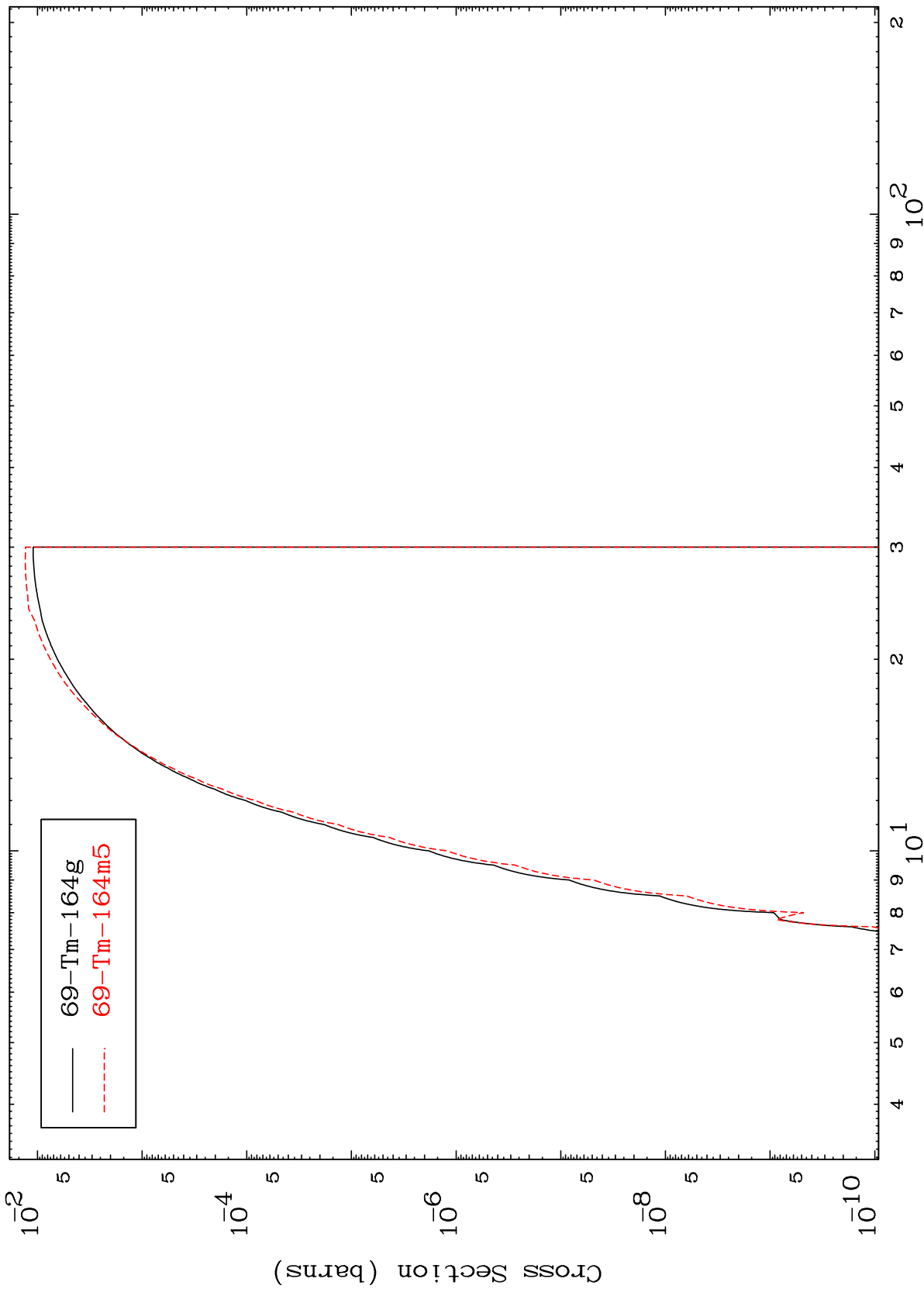
Incident Energy (MeV)

70-Yb-165

MAT 7016

70-Yb-165

(n,d)
Radionuclide Production Cross Section



138

70-Yb-165

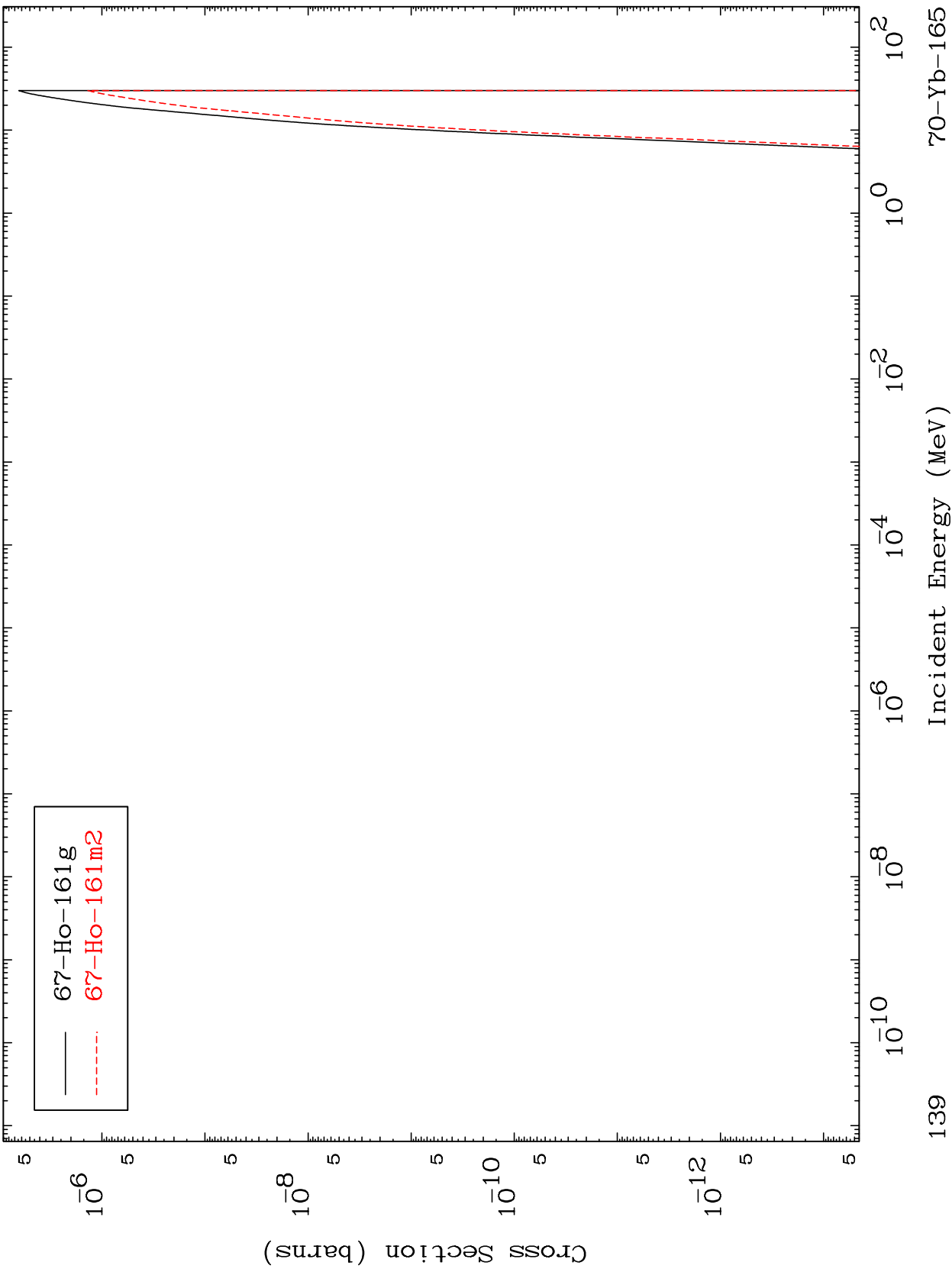
Incident Energy (MeV)

MAT 7016

(n,p) α

70-Yb-165

Radionuclide Production Cross Section

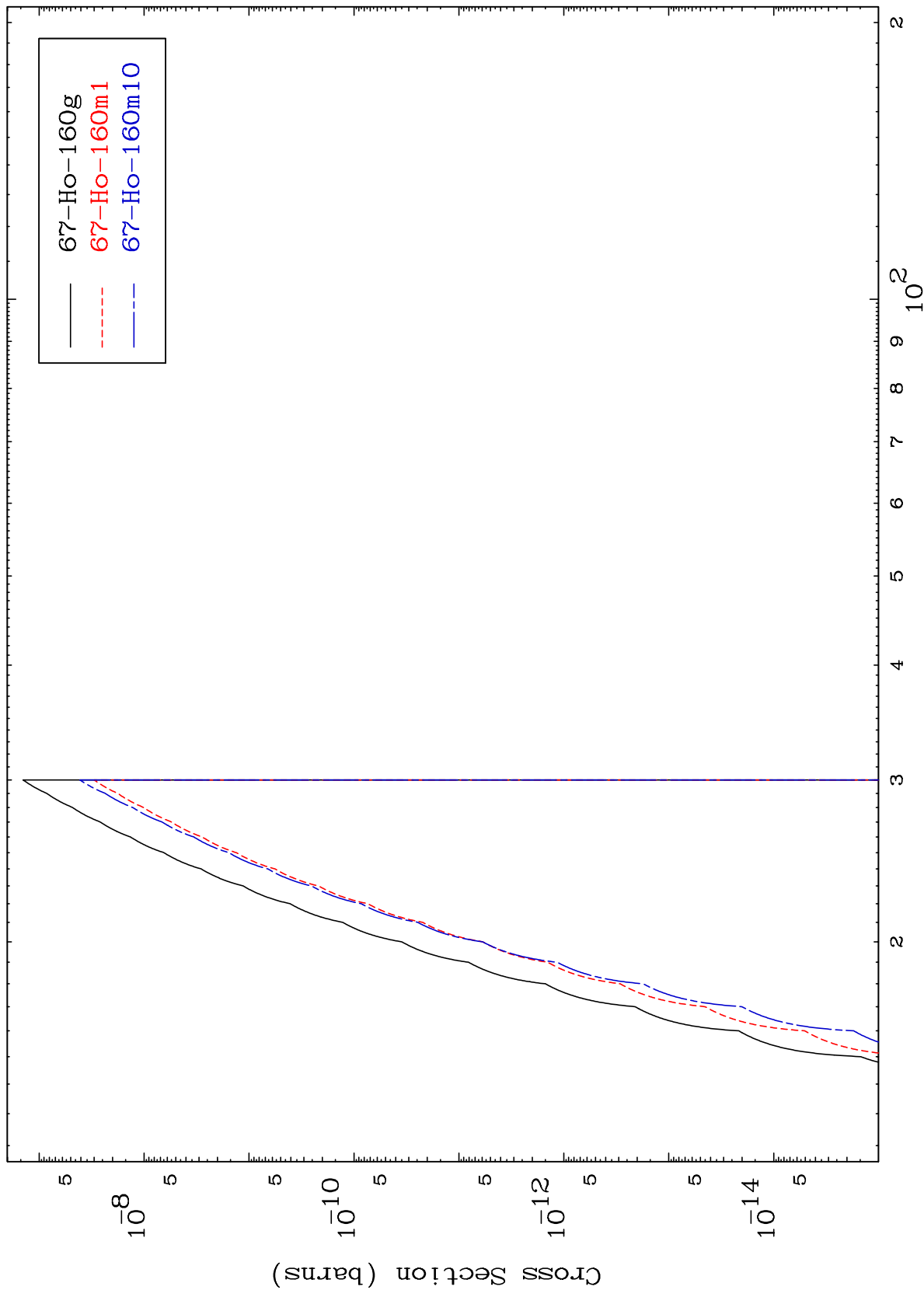


MAT 7016

(n,d) α

70-Yb-165

Radionuclide Production Cross Section



140

Incident Energy (MeV)

70-Yb-165