

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

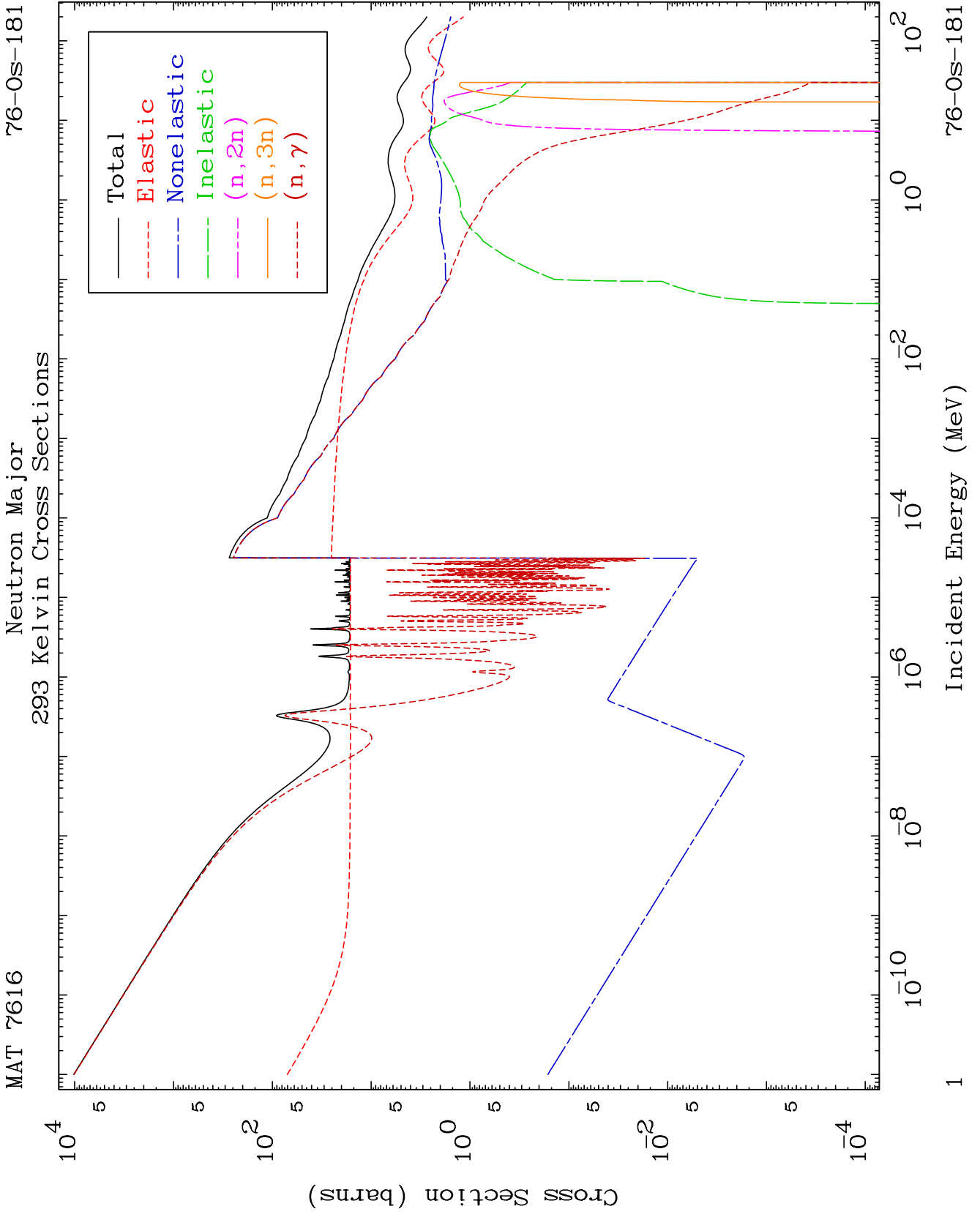
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

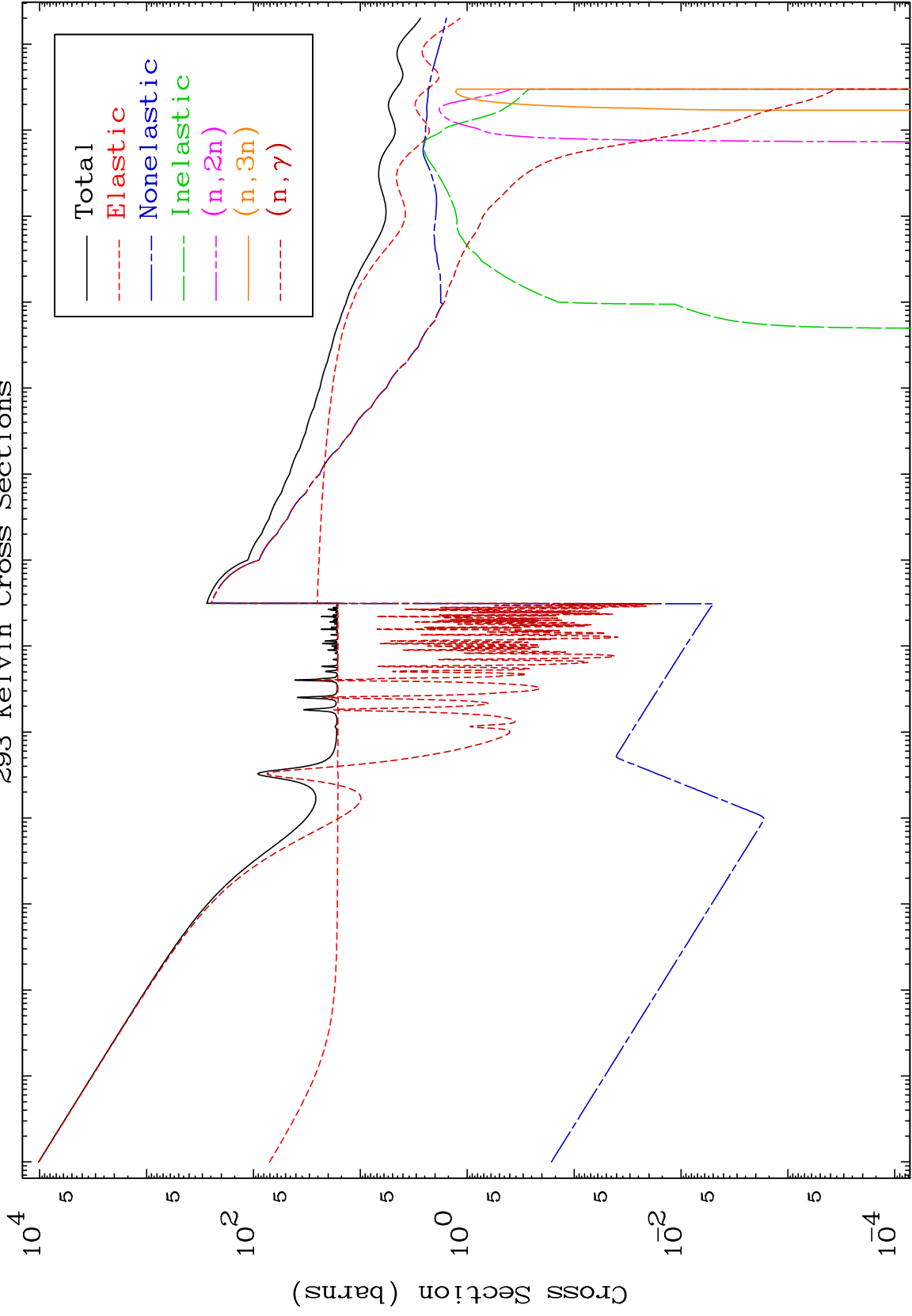


MAT 7616

Neutron Major

76-Os-181

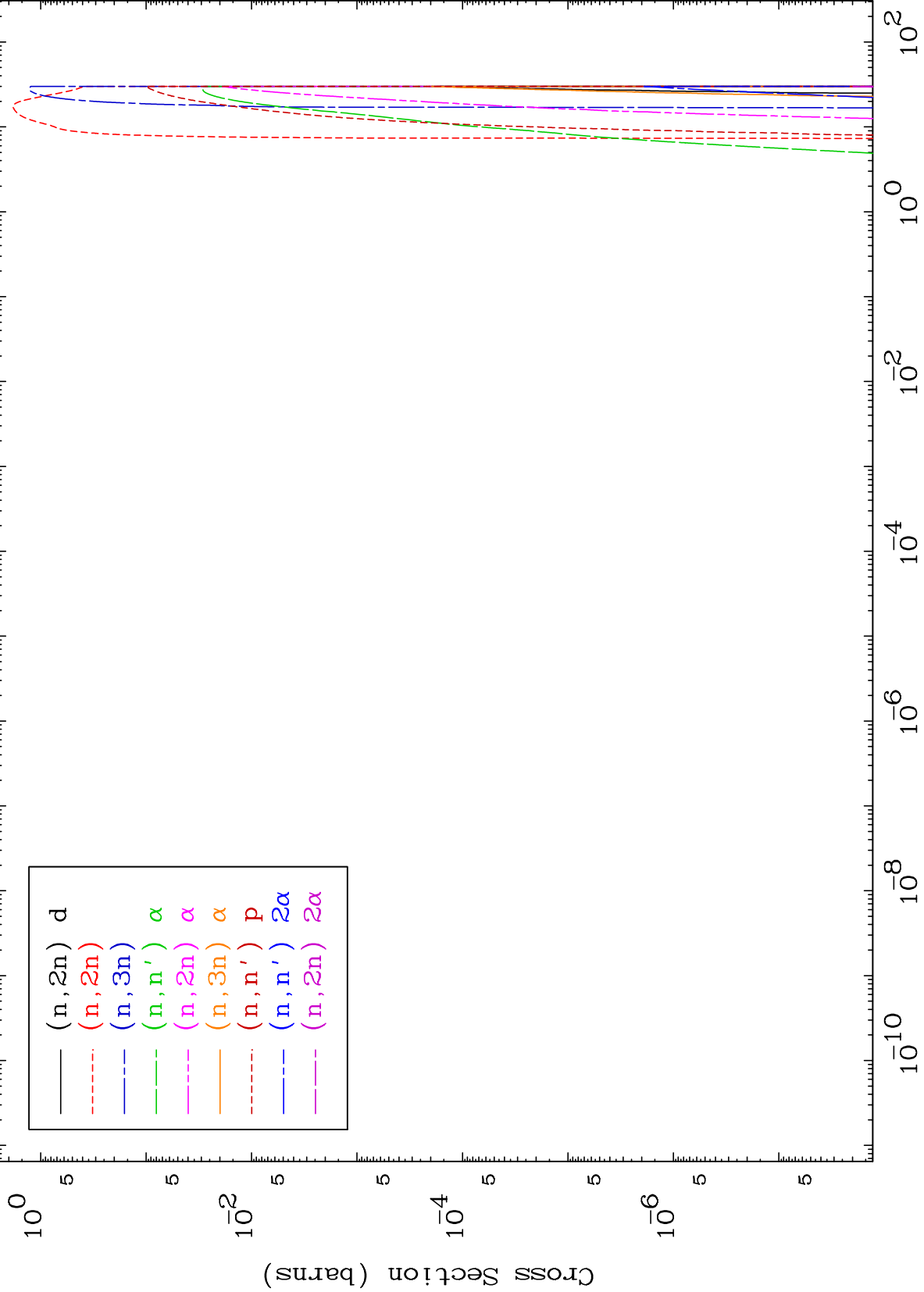
293 Kelvin Cross Sections



MAT 7616

Neutron Absorption
293 Kelvin Cross Sections

76-Os-181



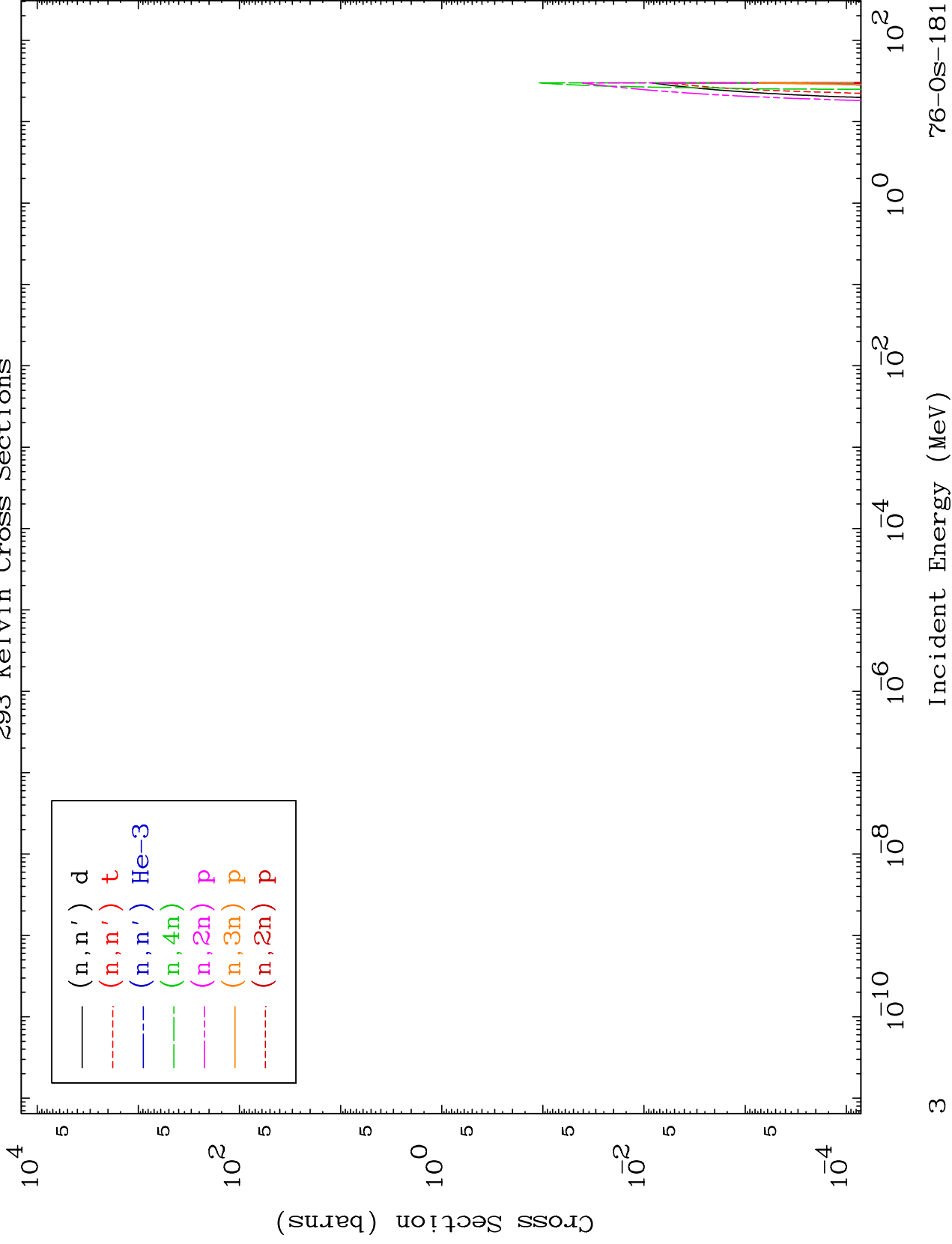
76-Os-181

Incident Energy (MeV)

MAT 7616

Neutron Absorption
293 Kelvin Cross Sections

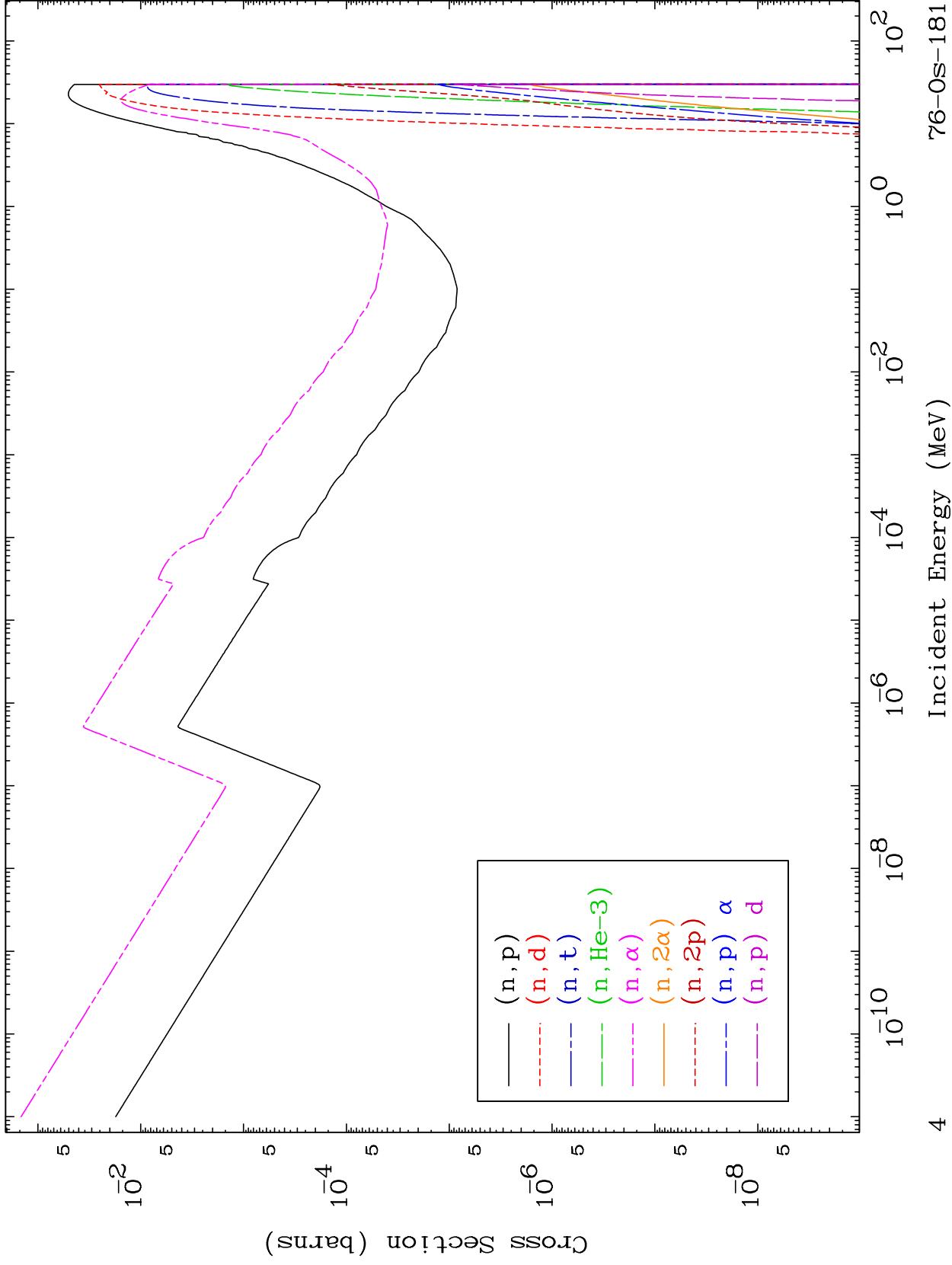
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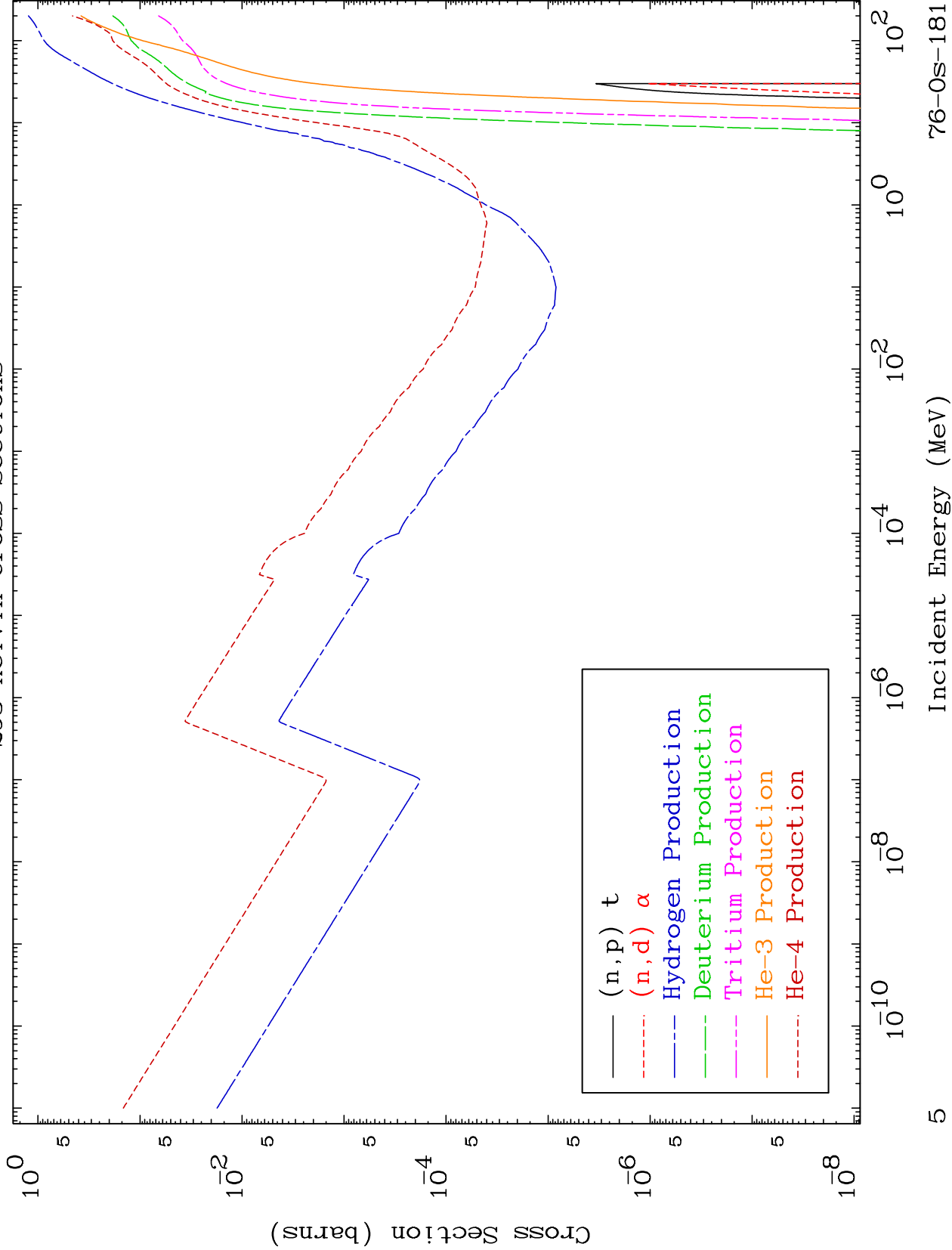


MAT 7616

Neutron Absorption
293 Kelvin Cross Sections

76-Os-181

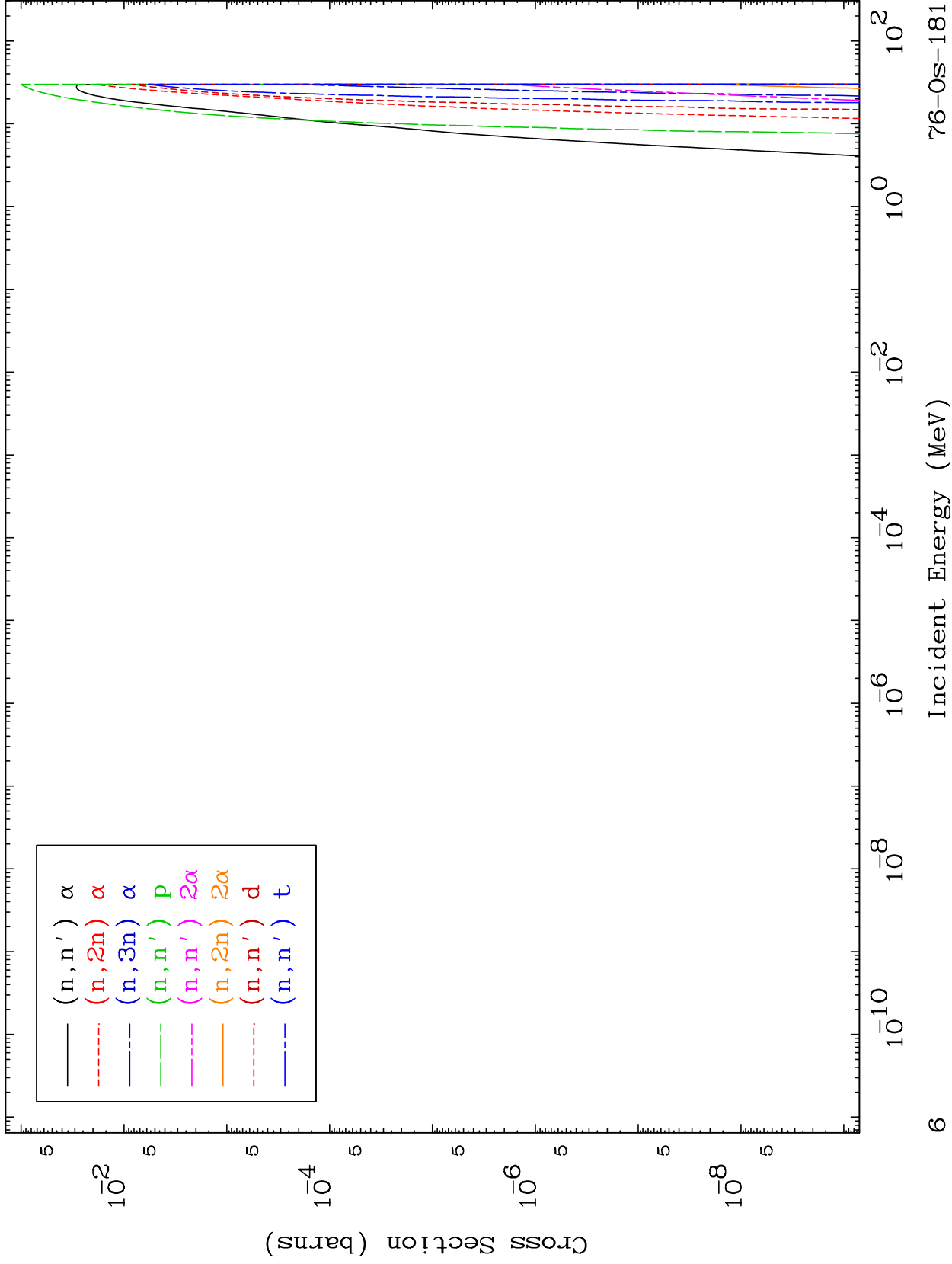




MAT 7616

Charged Particle
293 Kelvin Cross Sections

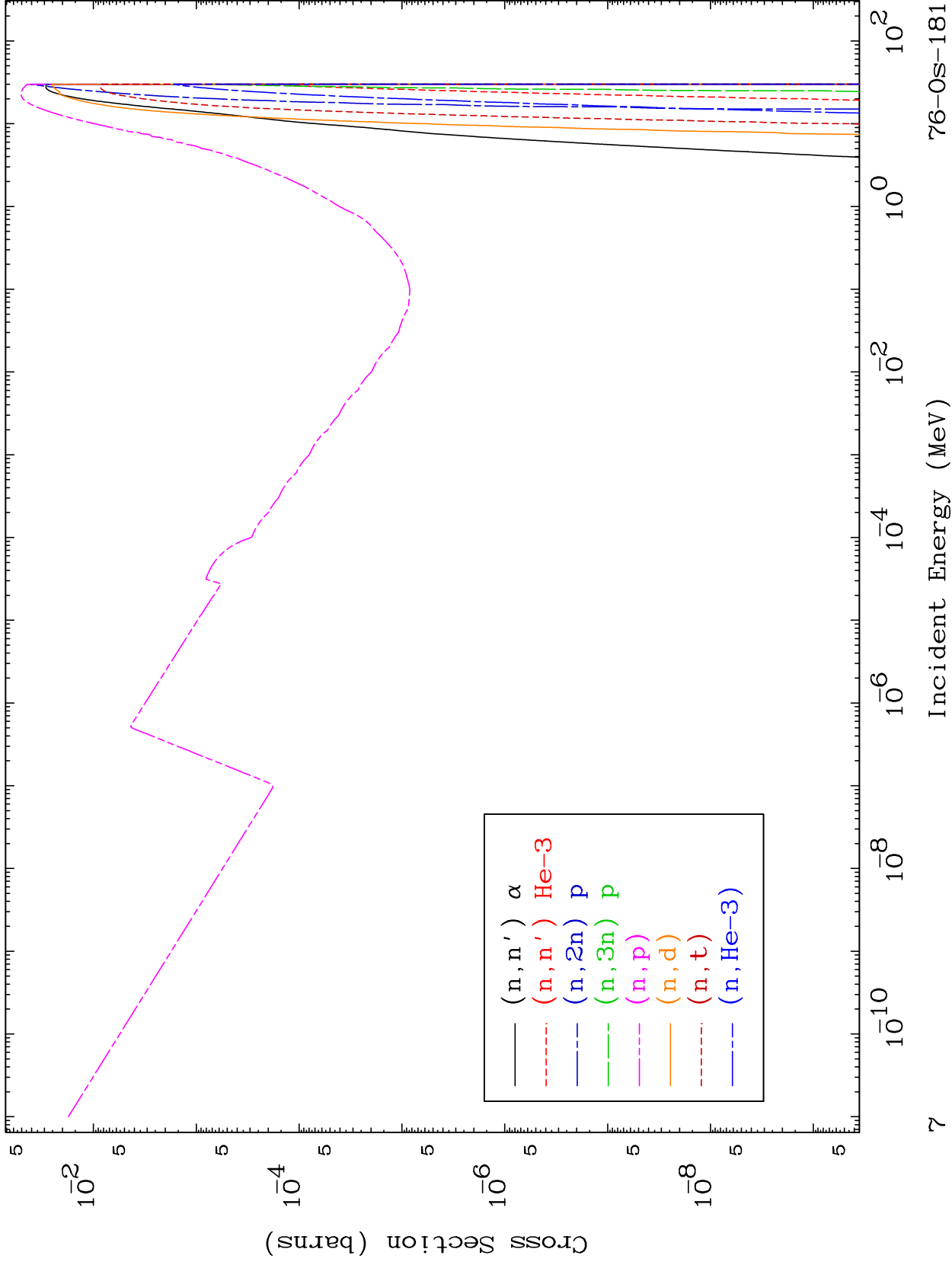
76-Os-181



MAT 7616

Charged Particle
293 Kelvin Cross Sections

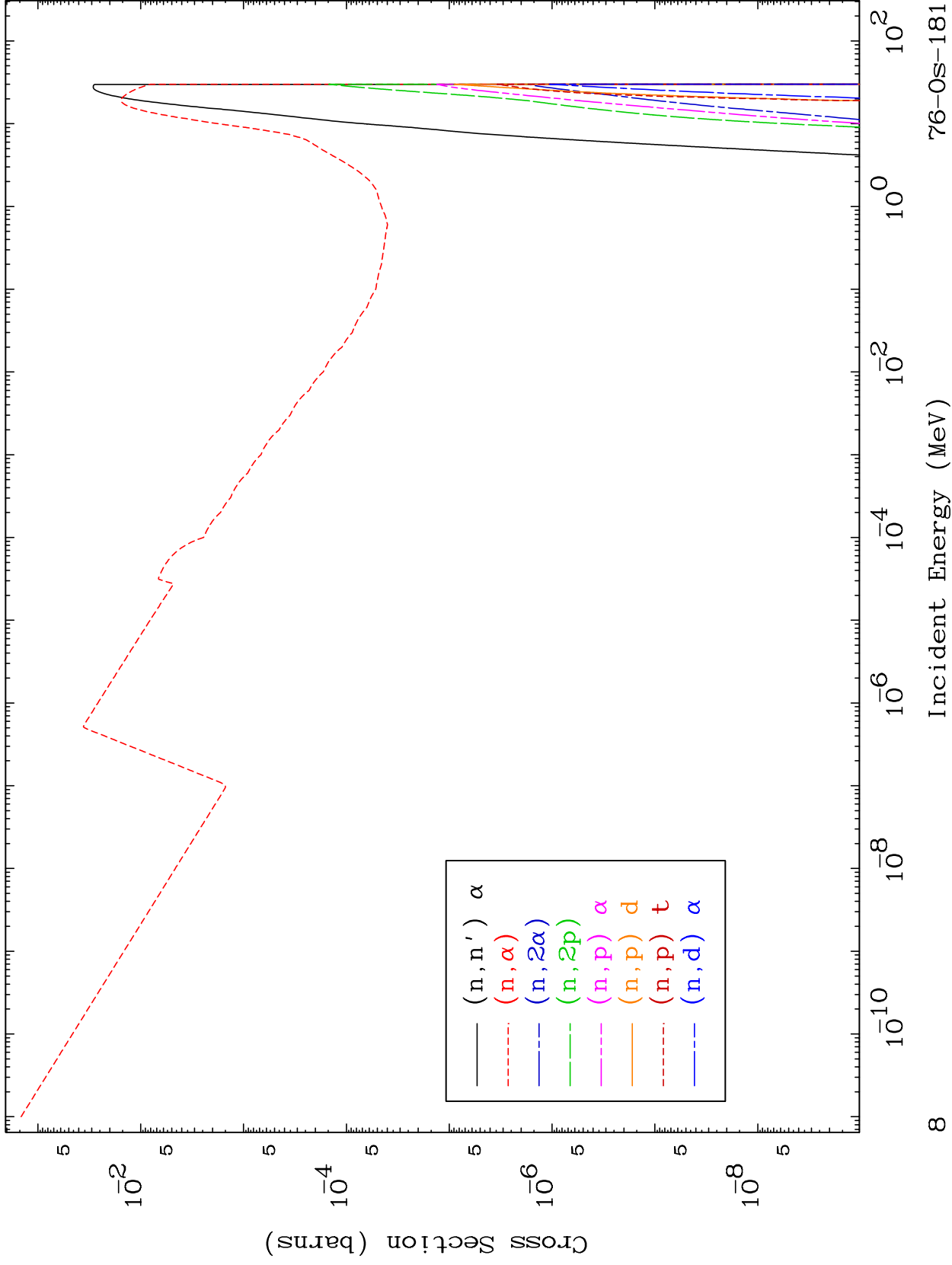
76-Os-181



MAT 7616

Charged Particle
293 Kelvin Cross Sections

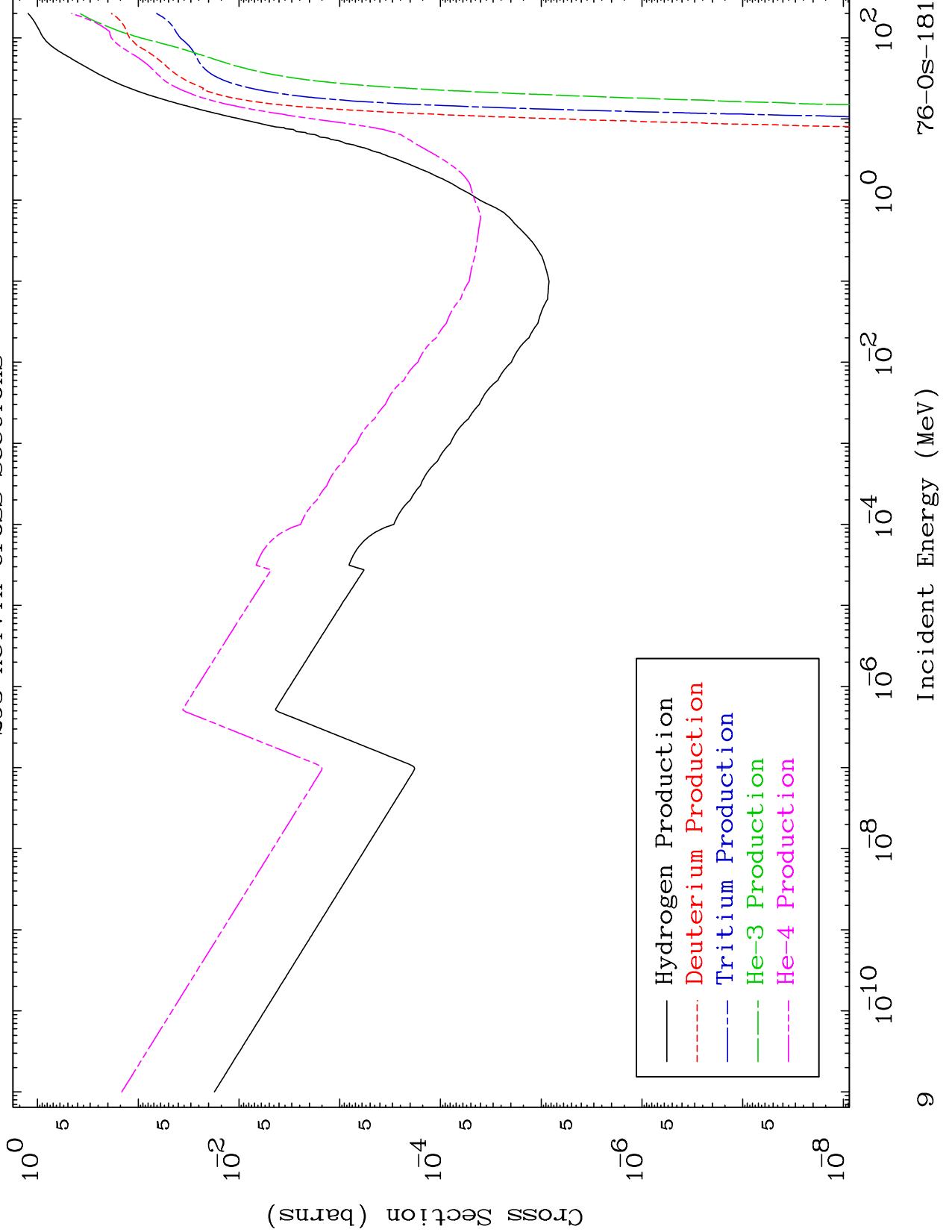
76-Os-181



MAT 7616

Particle Production
293 Kelvin Cross Sections

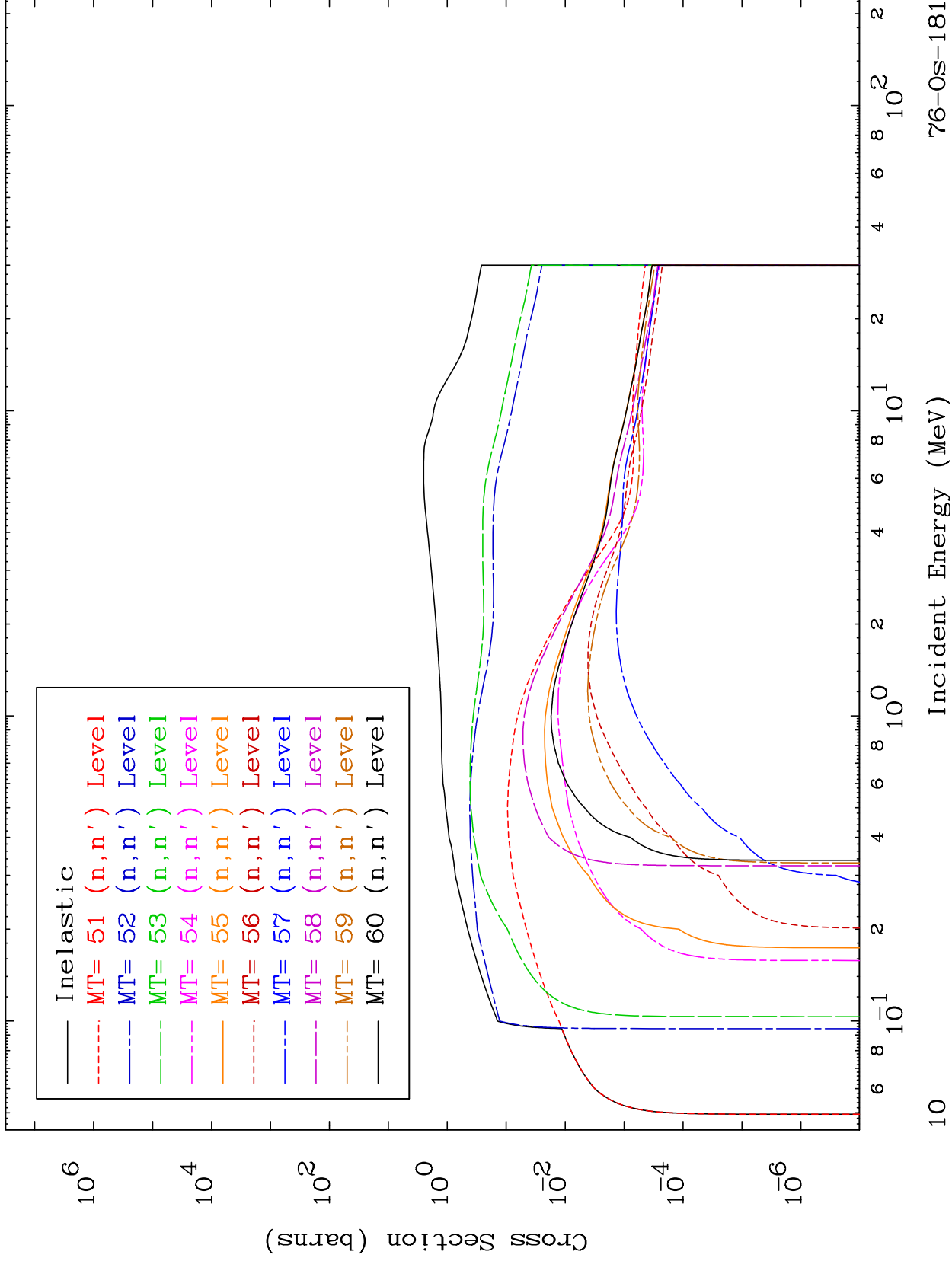
76-Os-181



MAT 7616

(n,n') Levels
293 Kelvin Cross Sections

76-Os-181



10

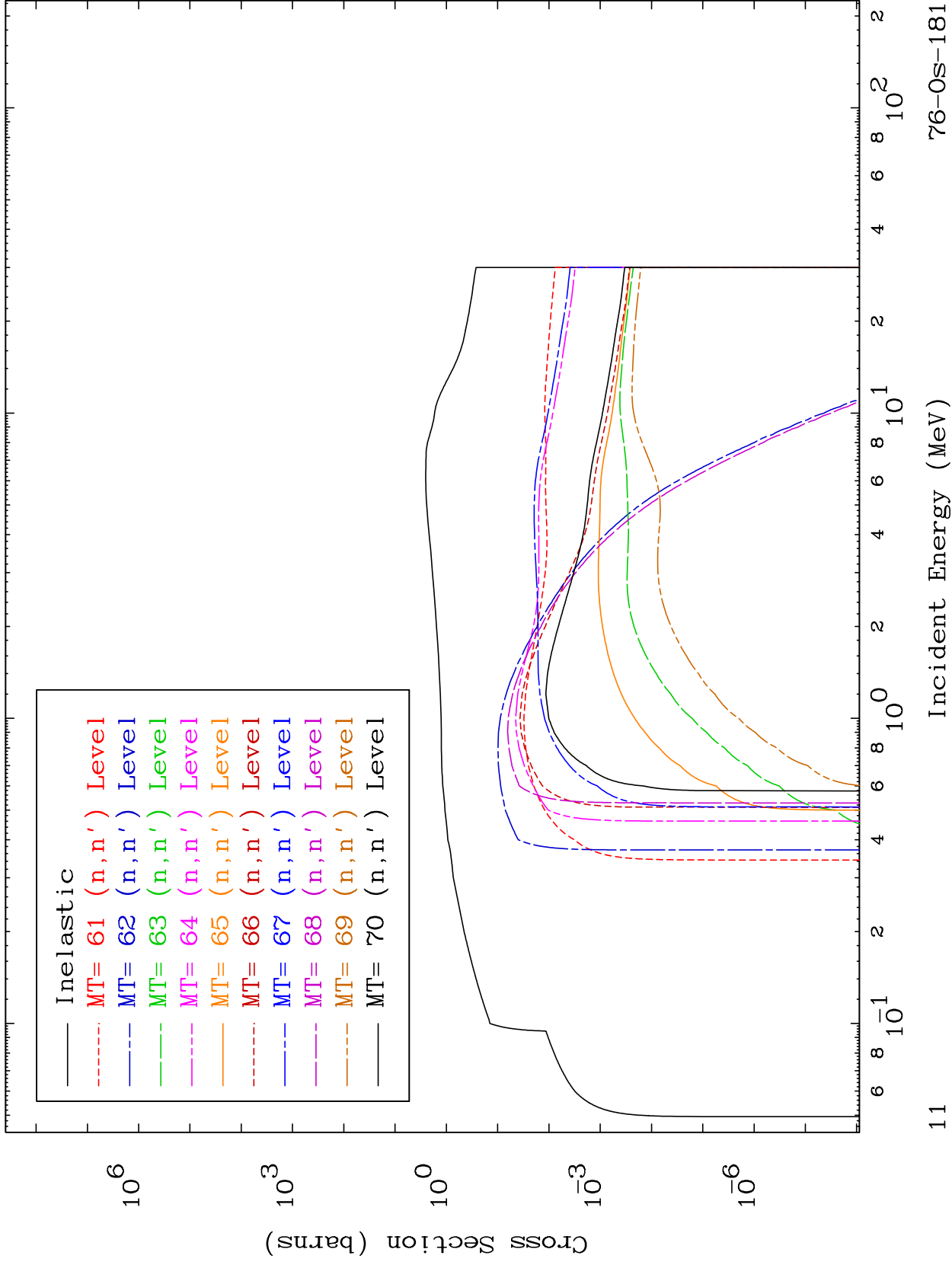
Incident Energy (MeV)

76-Os-181

MAT 7616

(n,n') Levels
293 Kelvin Cross Sections

76-Os-181

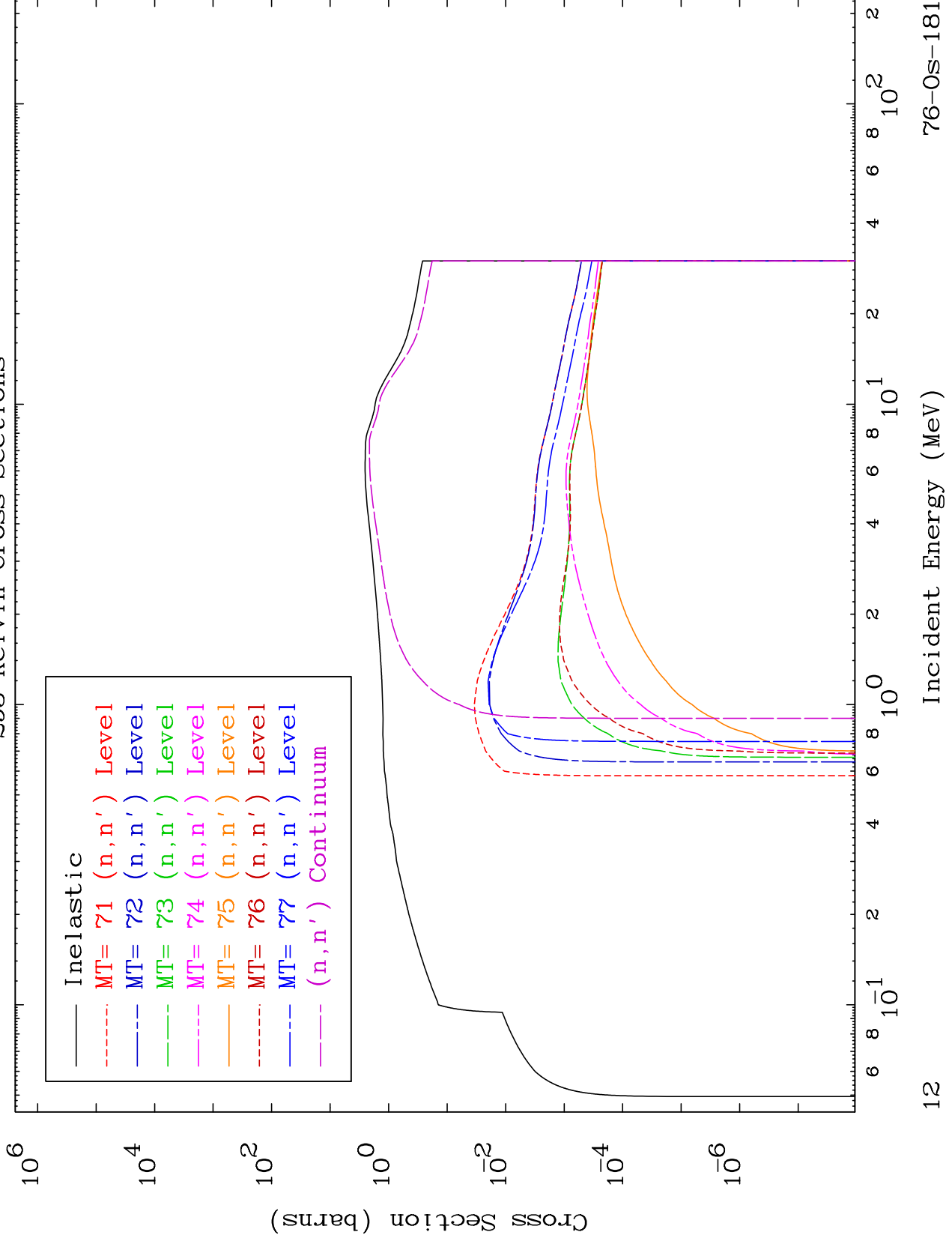


76-Os-181

MAT 7616

(n,n') Levels
293 Kelvin Cross Sections

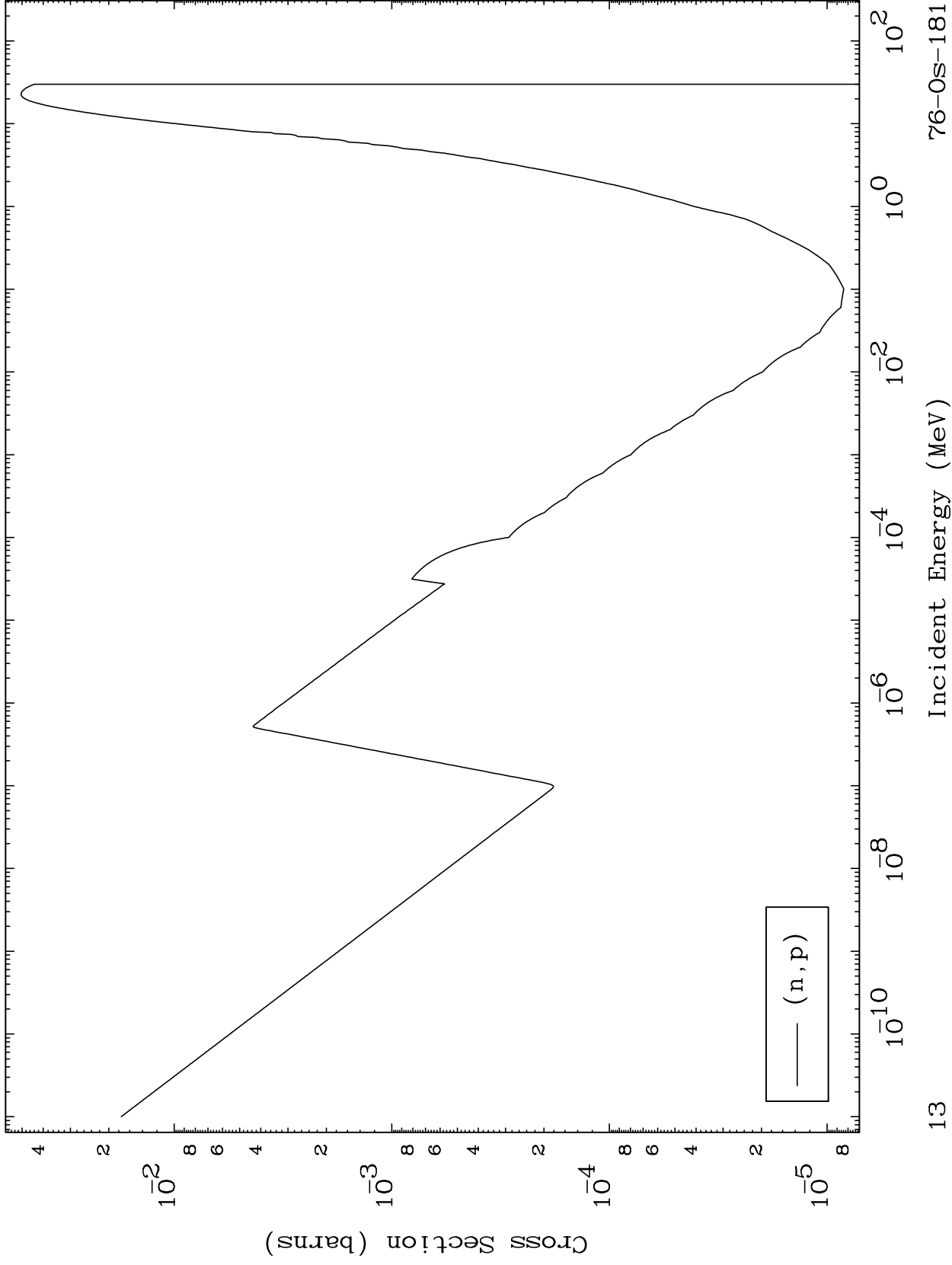
76-Os-181



MAT 7616

(n,p) Levels
293 Kelvin Cross Sections

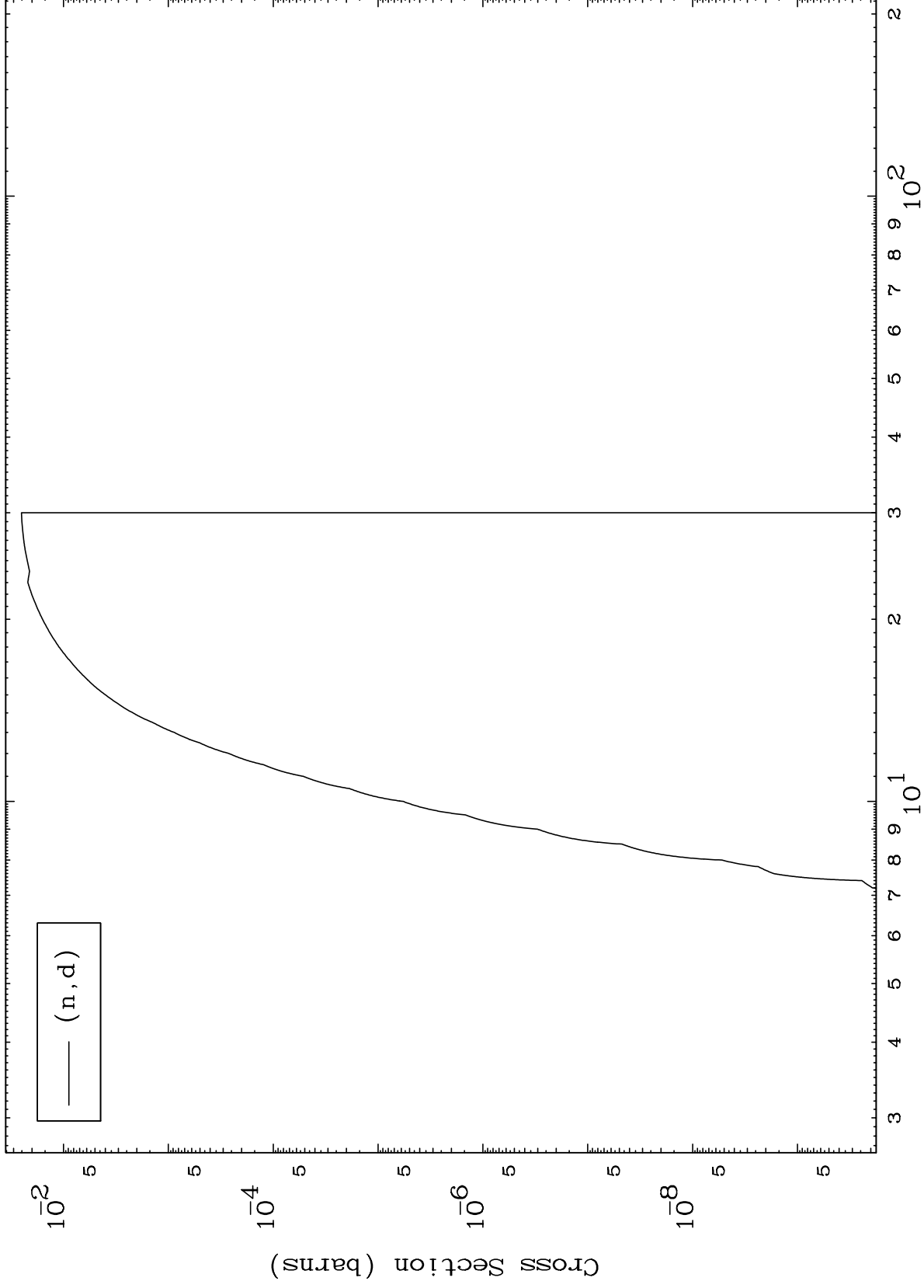
76-Os-181



MAT 7616

(n,d) Levels
293 Kelvin Cross Sections

76-Os-181



14

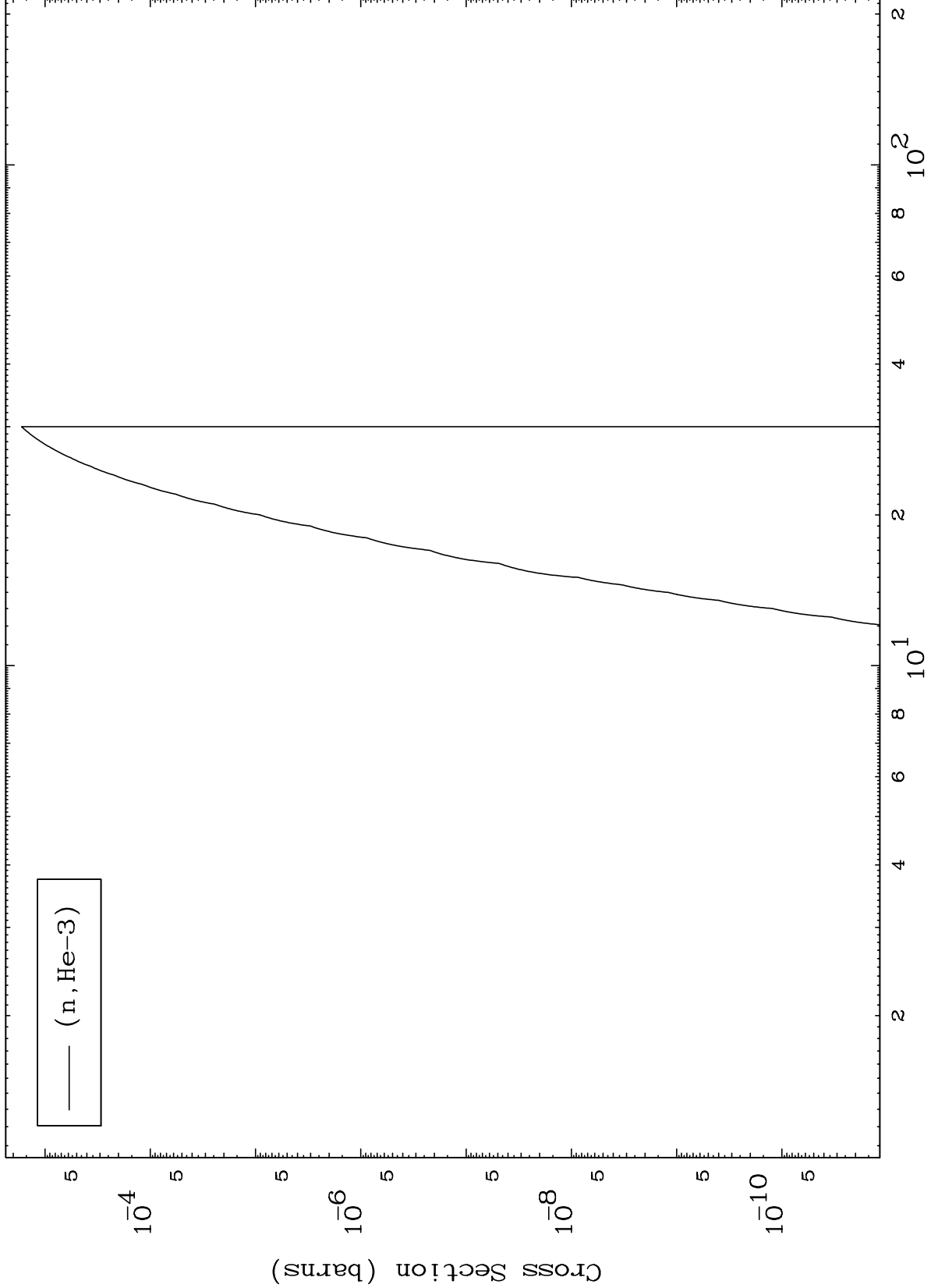
Incident Energy (MeV)

76-Os-181

MAT 7616

(n,He3) Levels
293 Kelvin Cross Sections

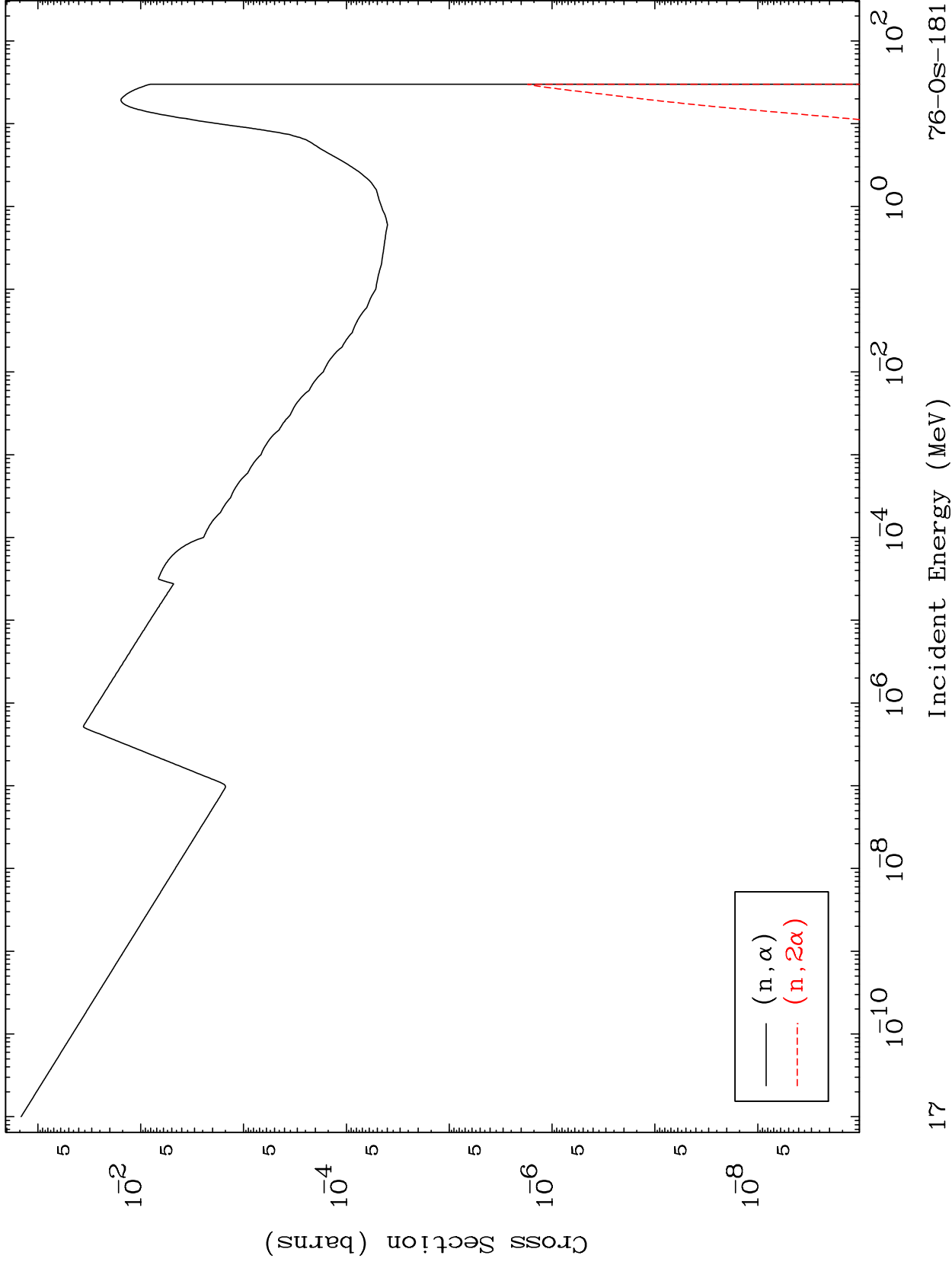
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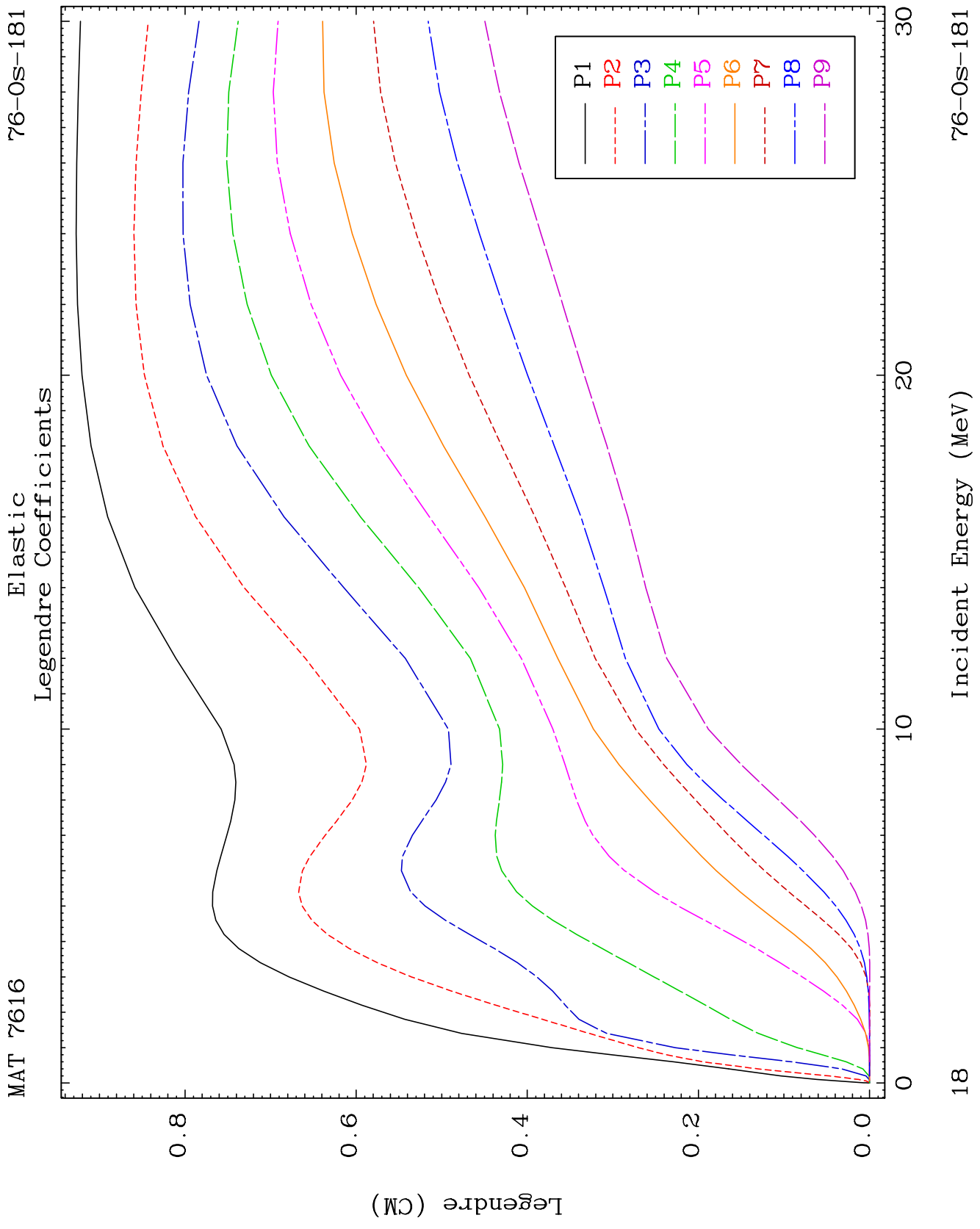


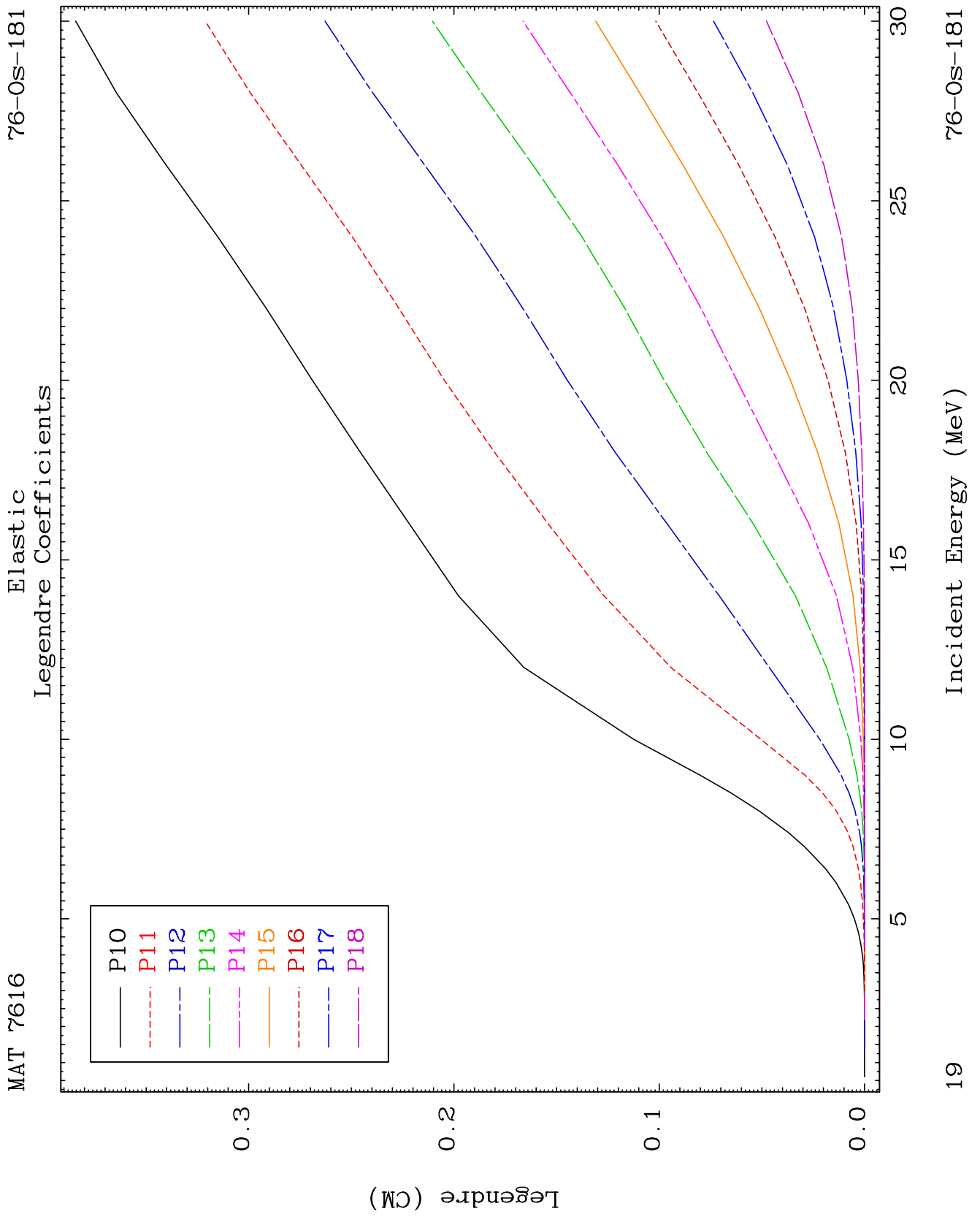
MAT 7616

(n,α) Levels
293 Kelvin Cross Sections

76-Os-181



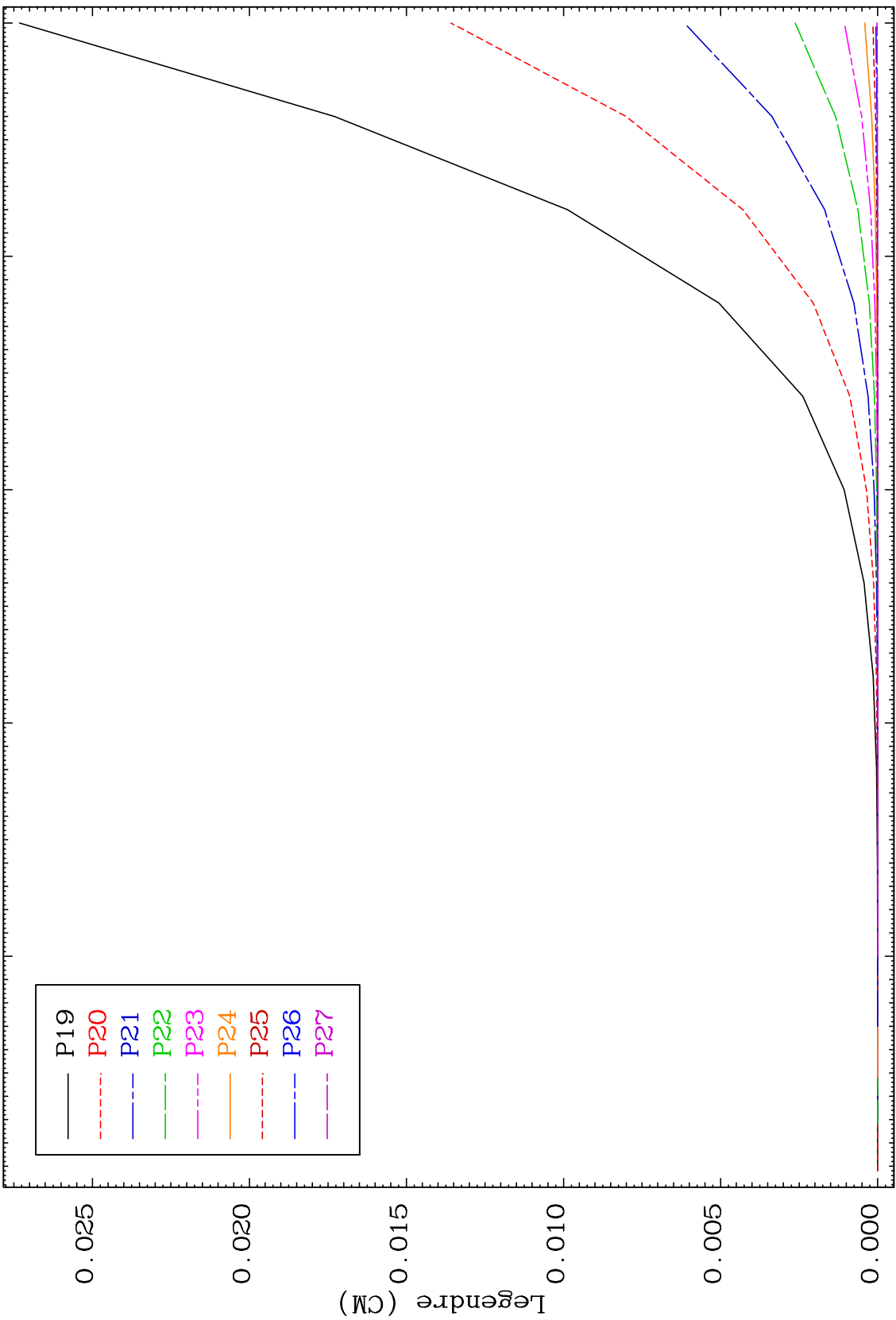




MAT 7616

Elastic Legendre Coefficients

76-Os-181



20

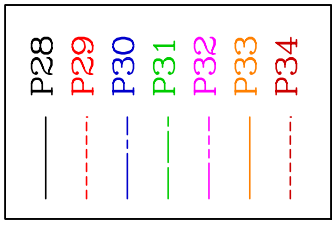
Incident Energy (MeV)

76-Os-181

MAT 7616

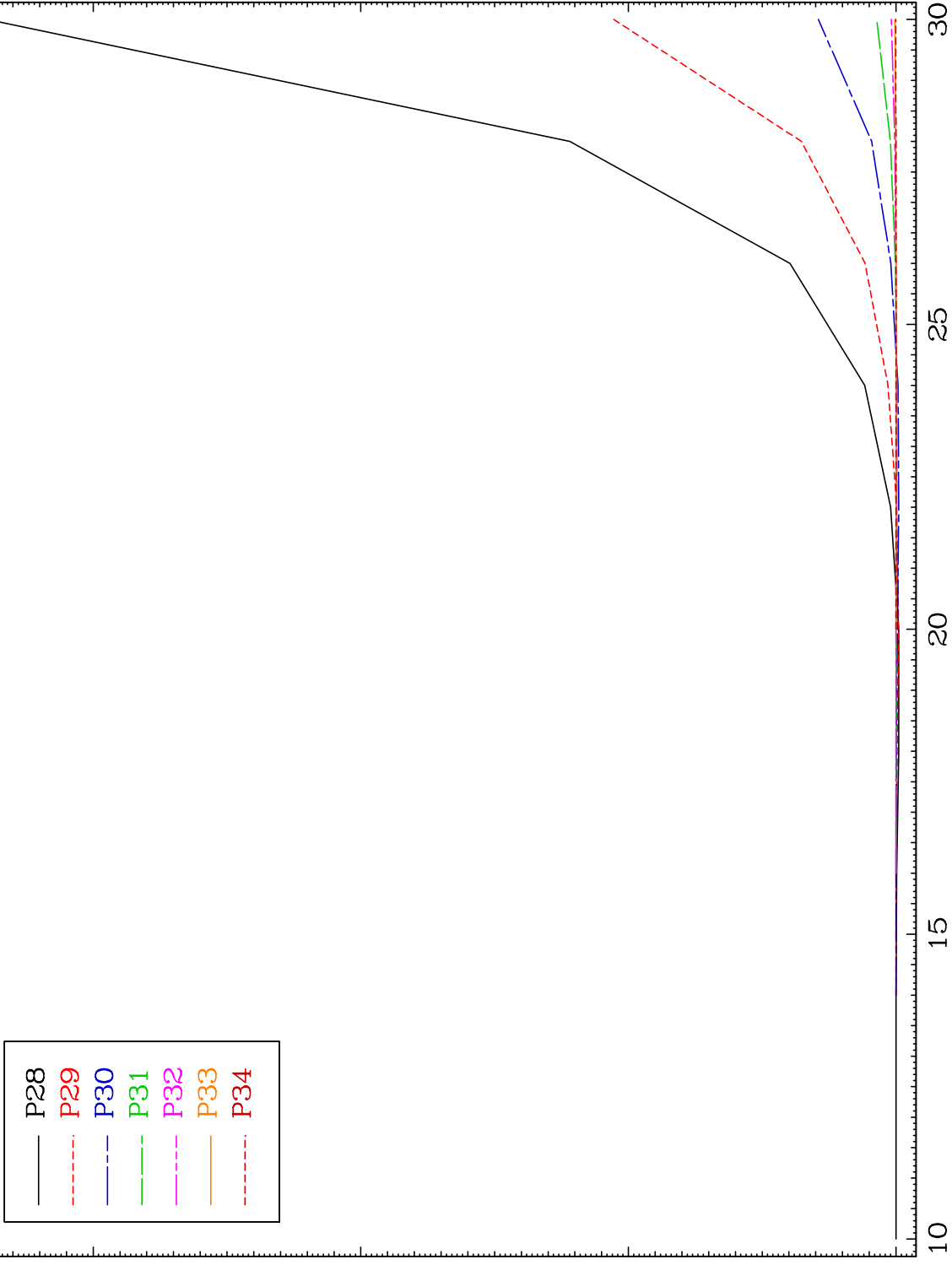
Elastic
Legendre Coefficients

76-Os-181



$\times 10^{-6}$

Legendre (CM)



21

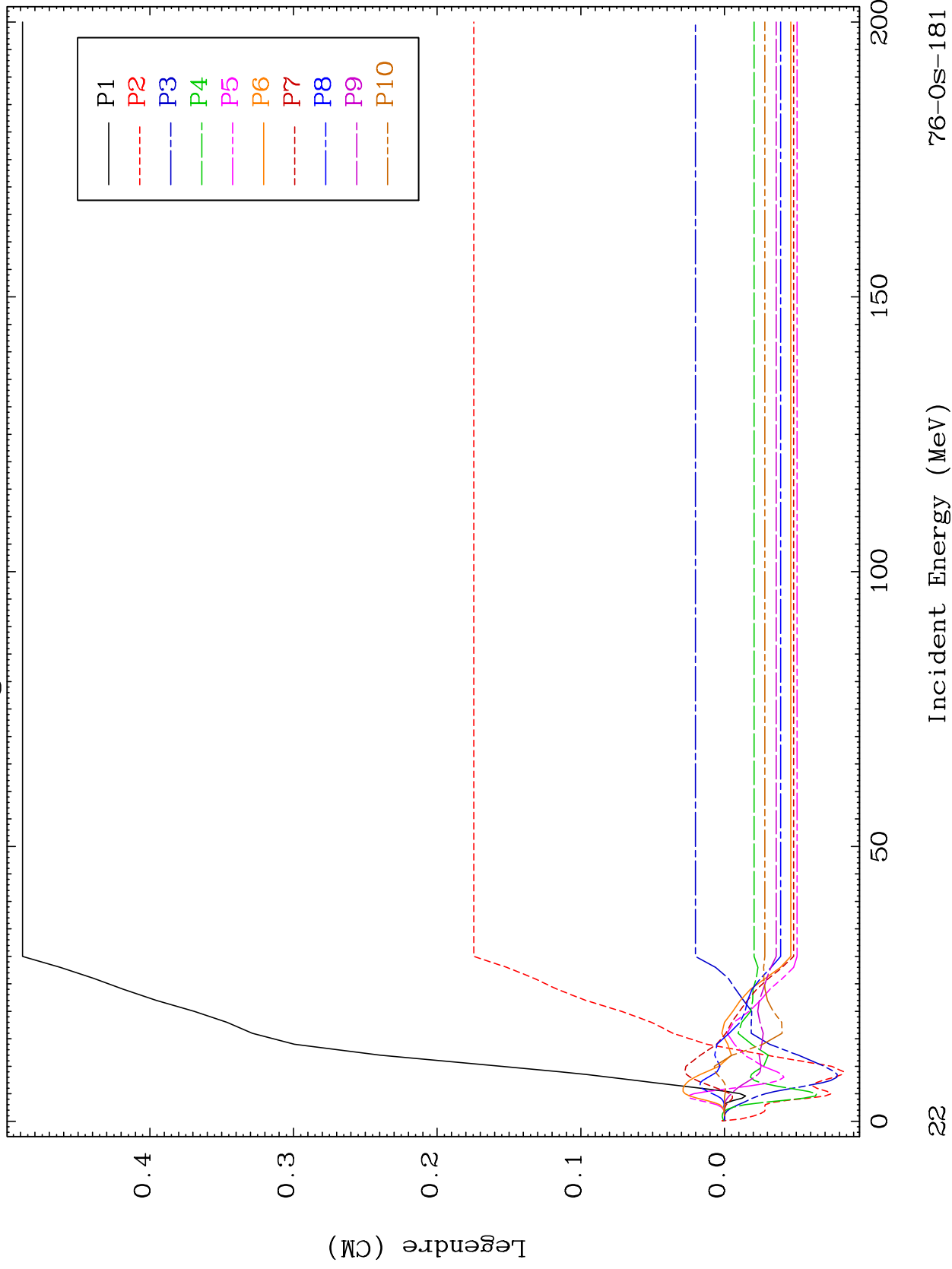
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



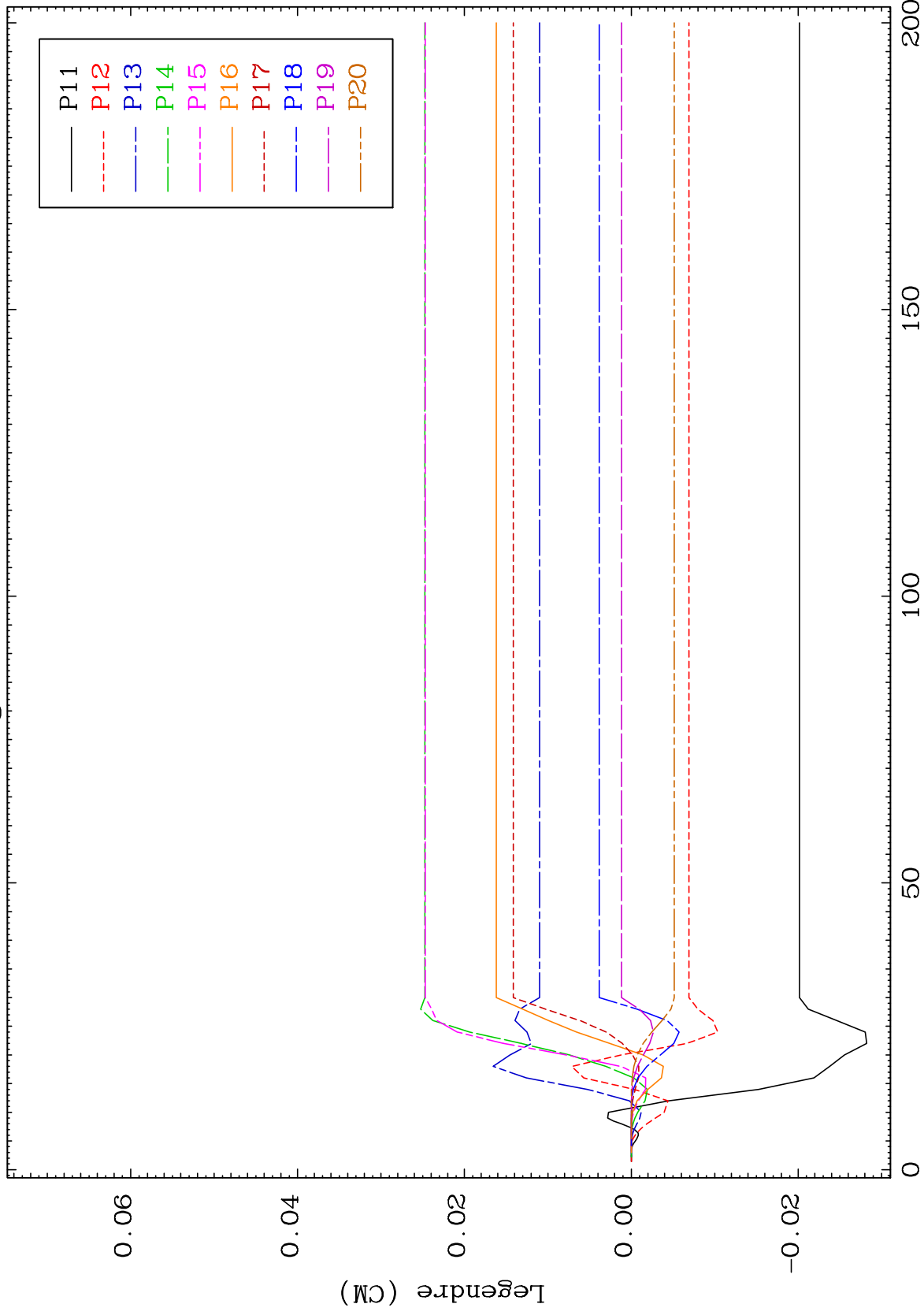
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76-Os-181

MAT 7616

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

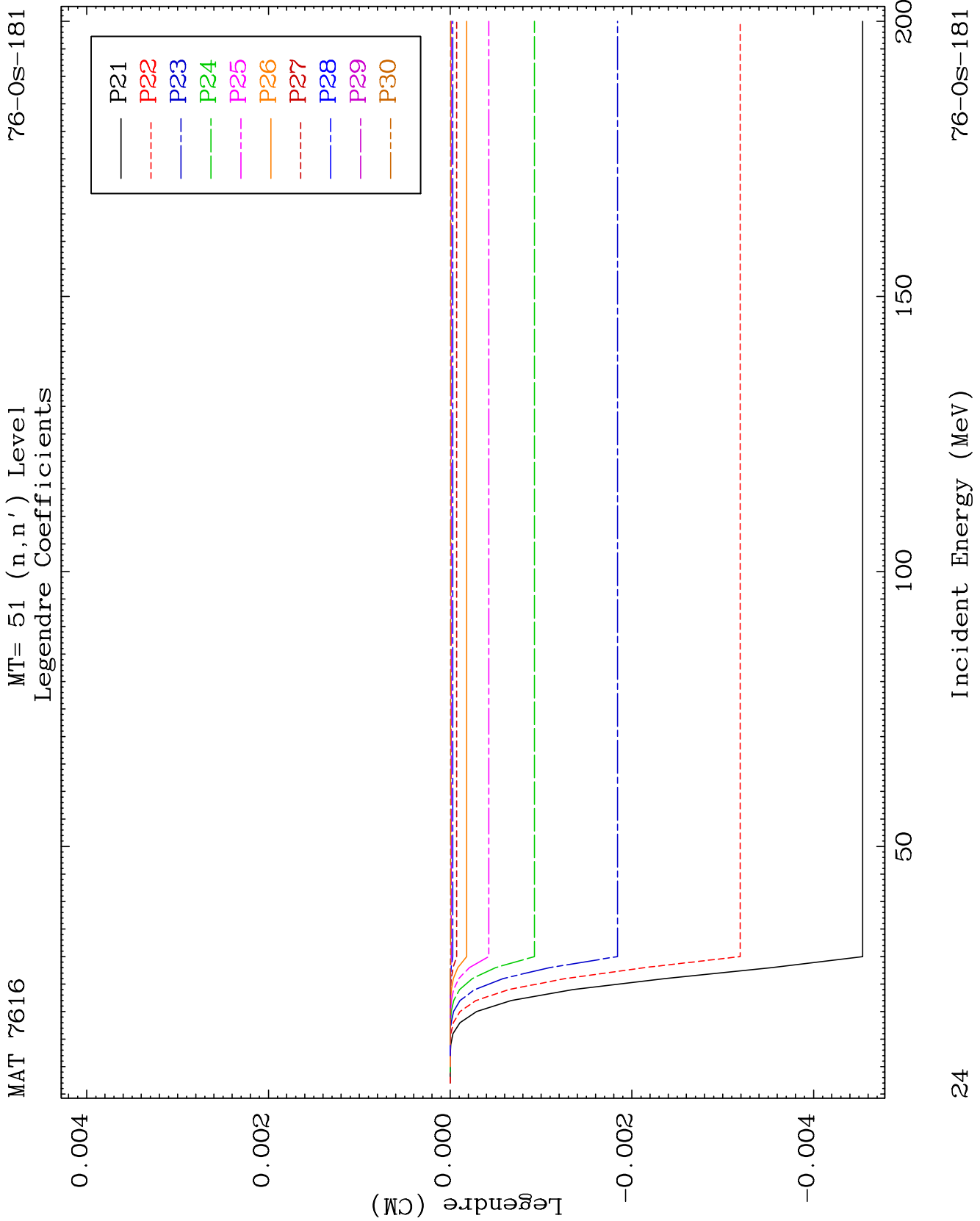
76-Os-181



23

Incident Energy (MeV)

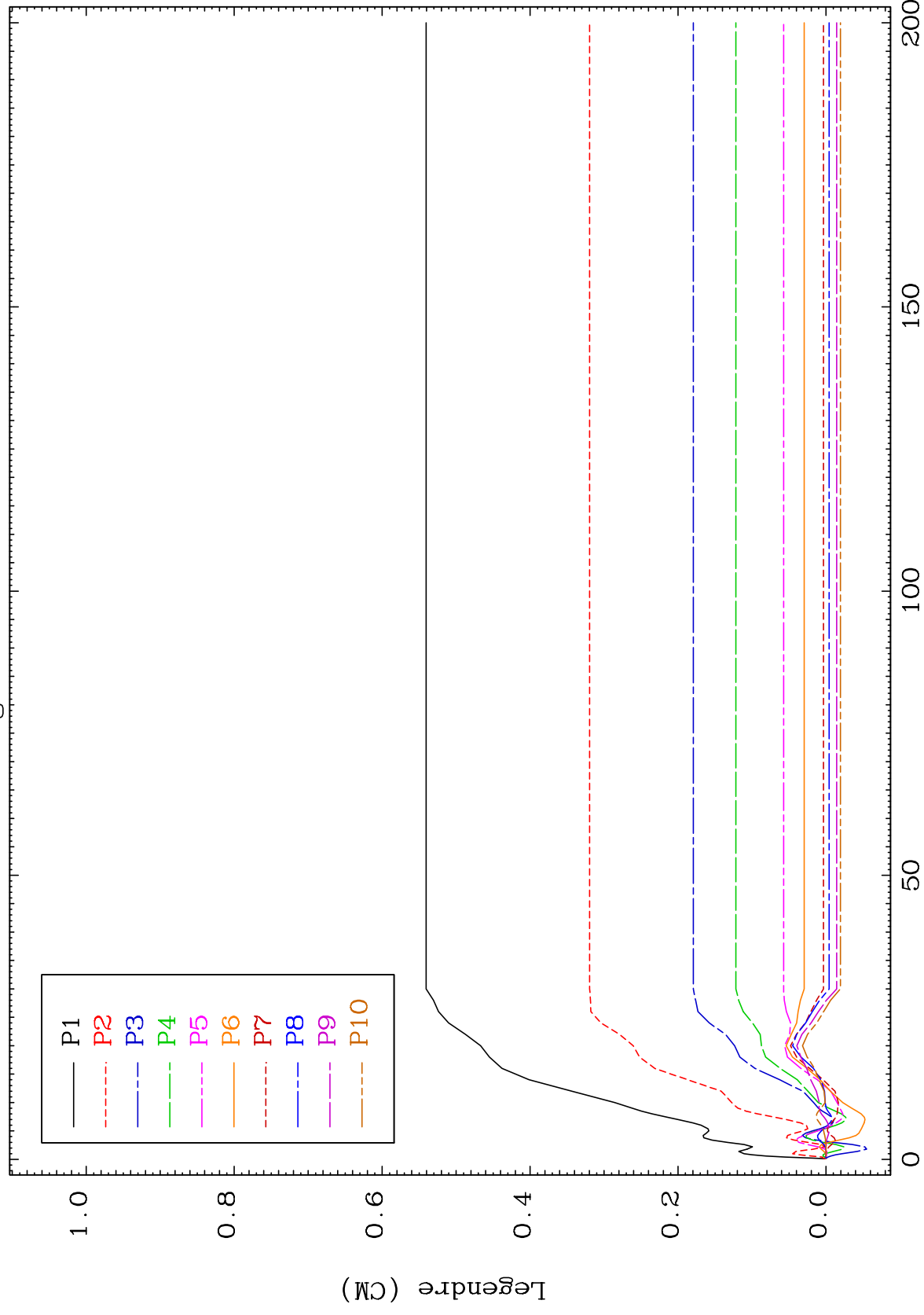
76-Os-181



MAT 7616

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

76-Os-181



26

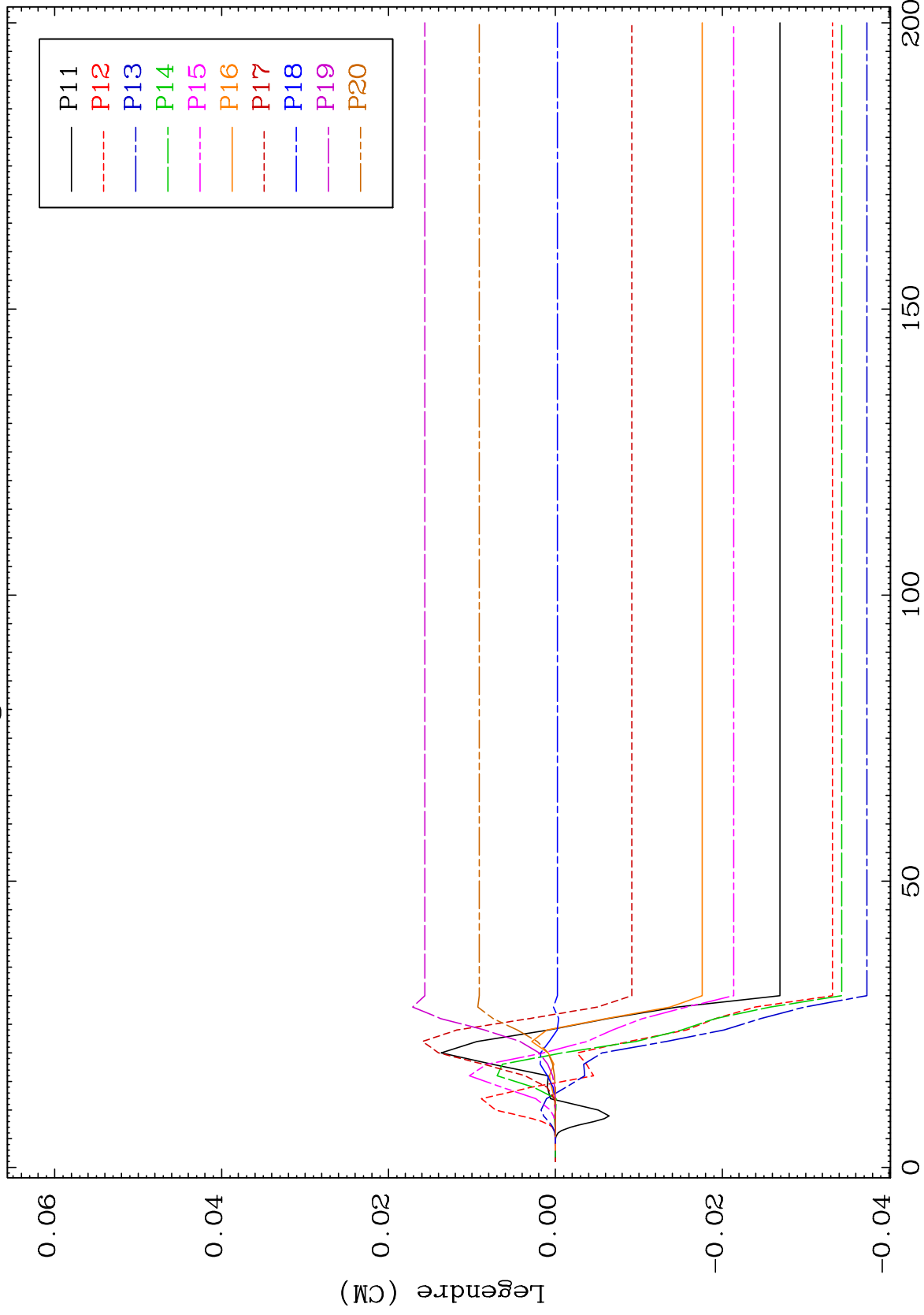
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



27

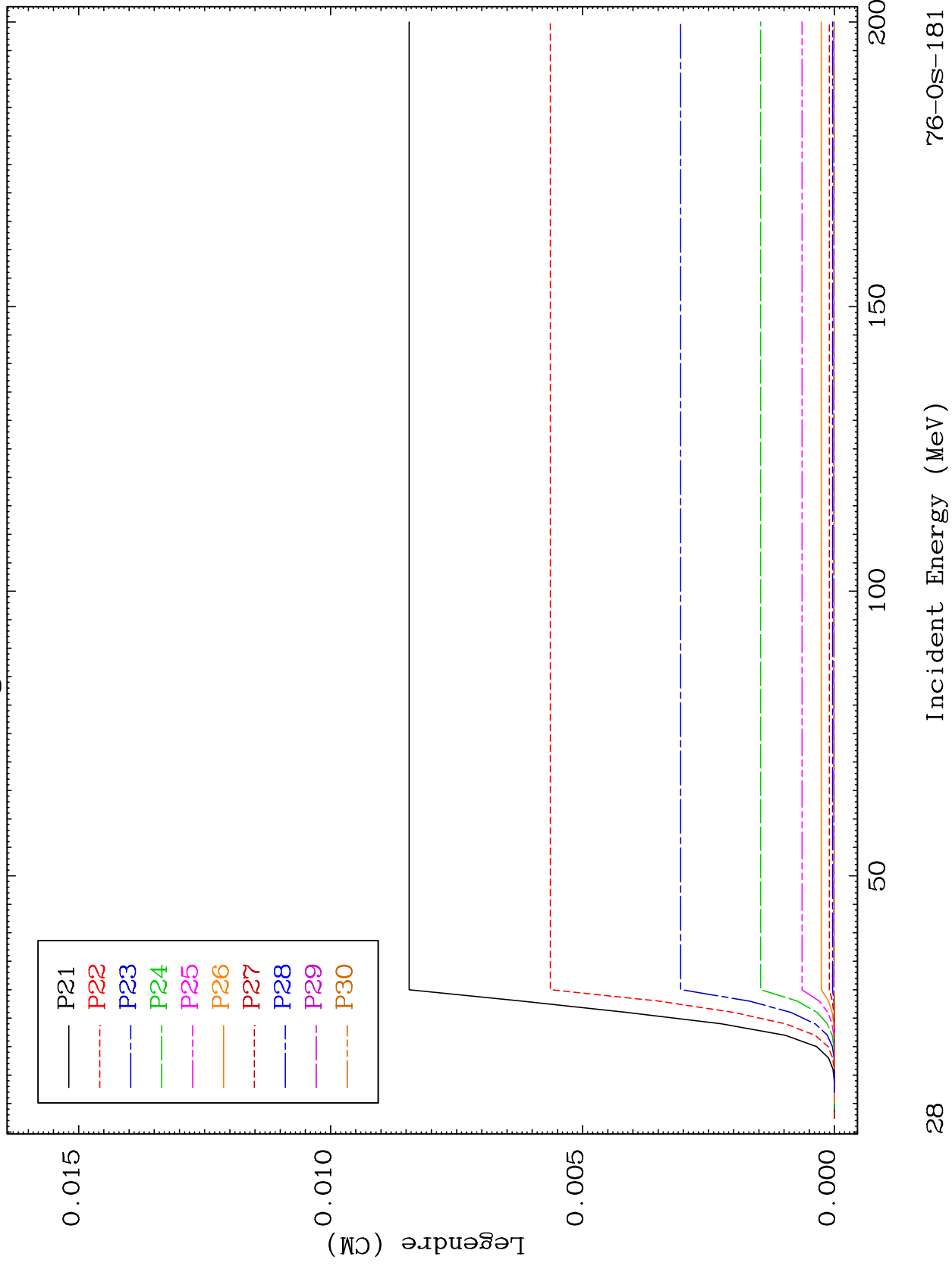
Incident Energy (MeV)

76-Os-181

MAT 7616

76-0s-181

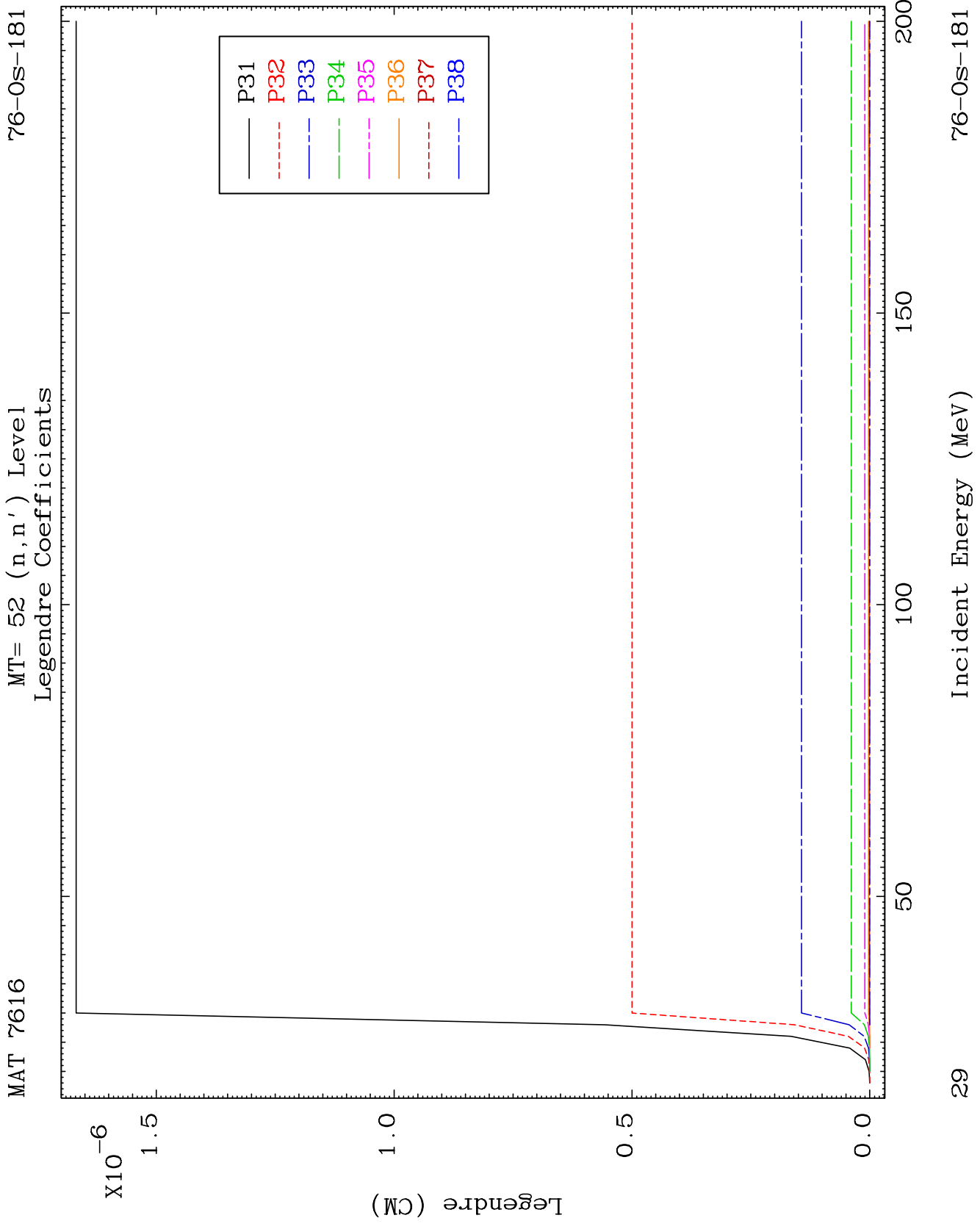
MT= 52 (n,n') Level
Legendre Coefficients



28

76-0s-181

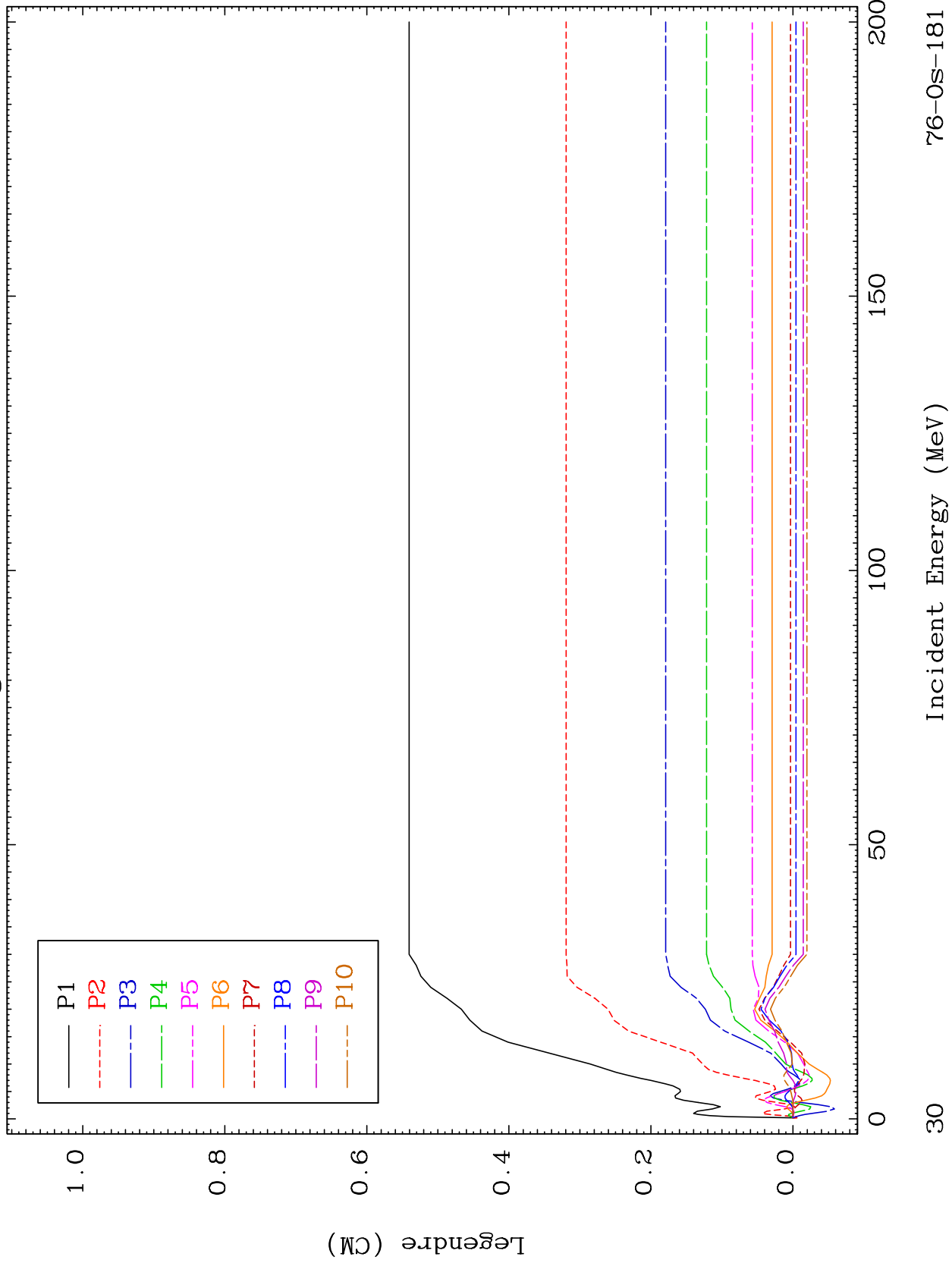
Incident Energy (MeV)



MAT 7616

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

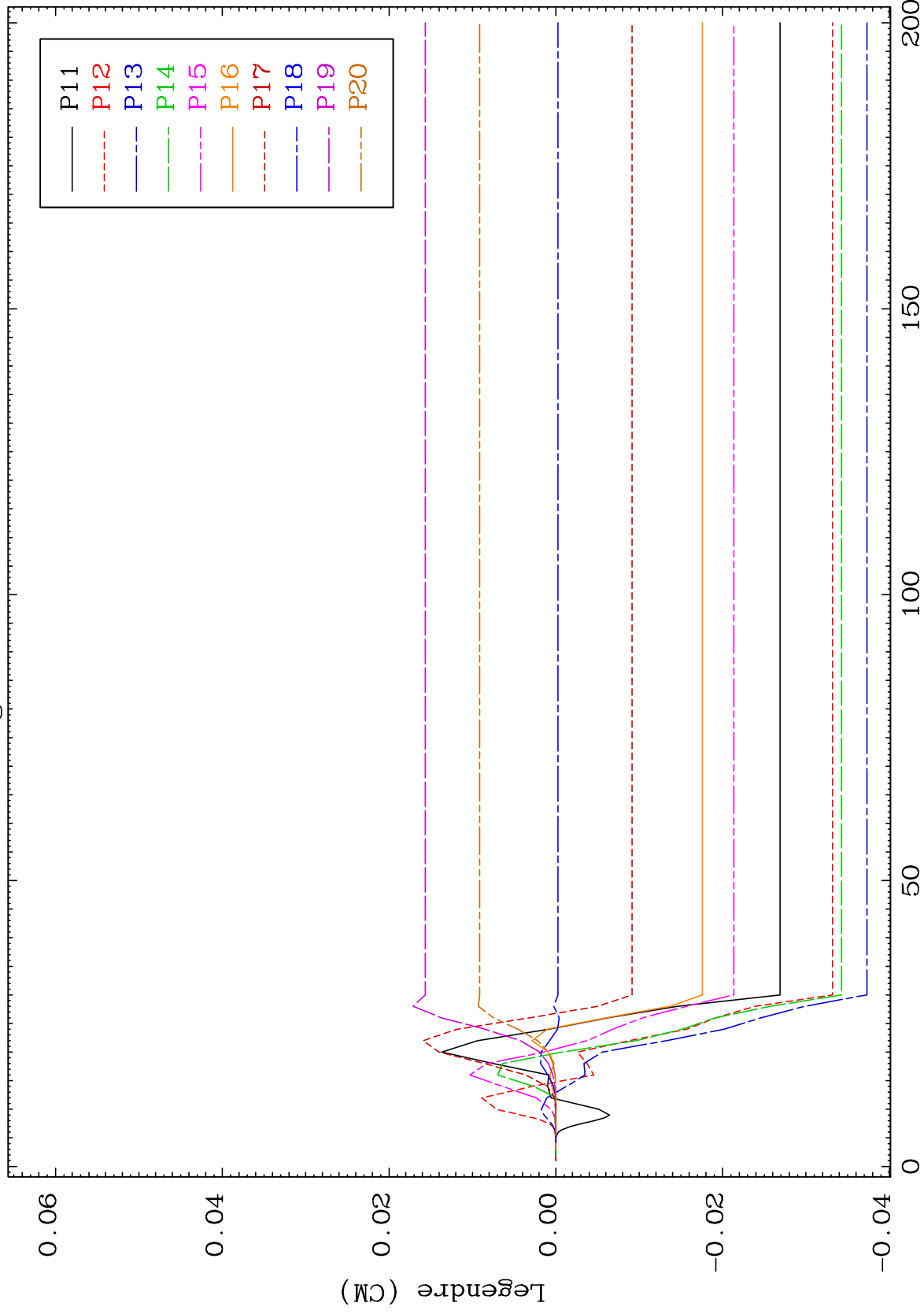
76-Os-181



MAT 7616

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

76-Os-181



31

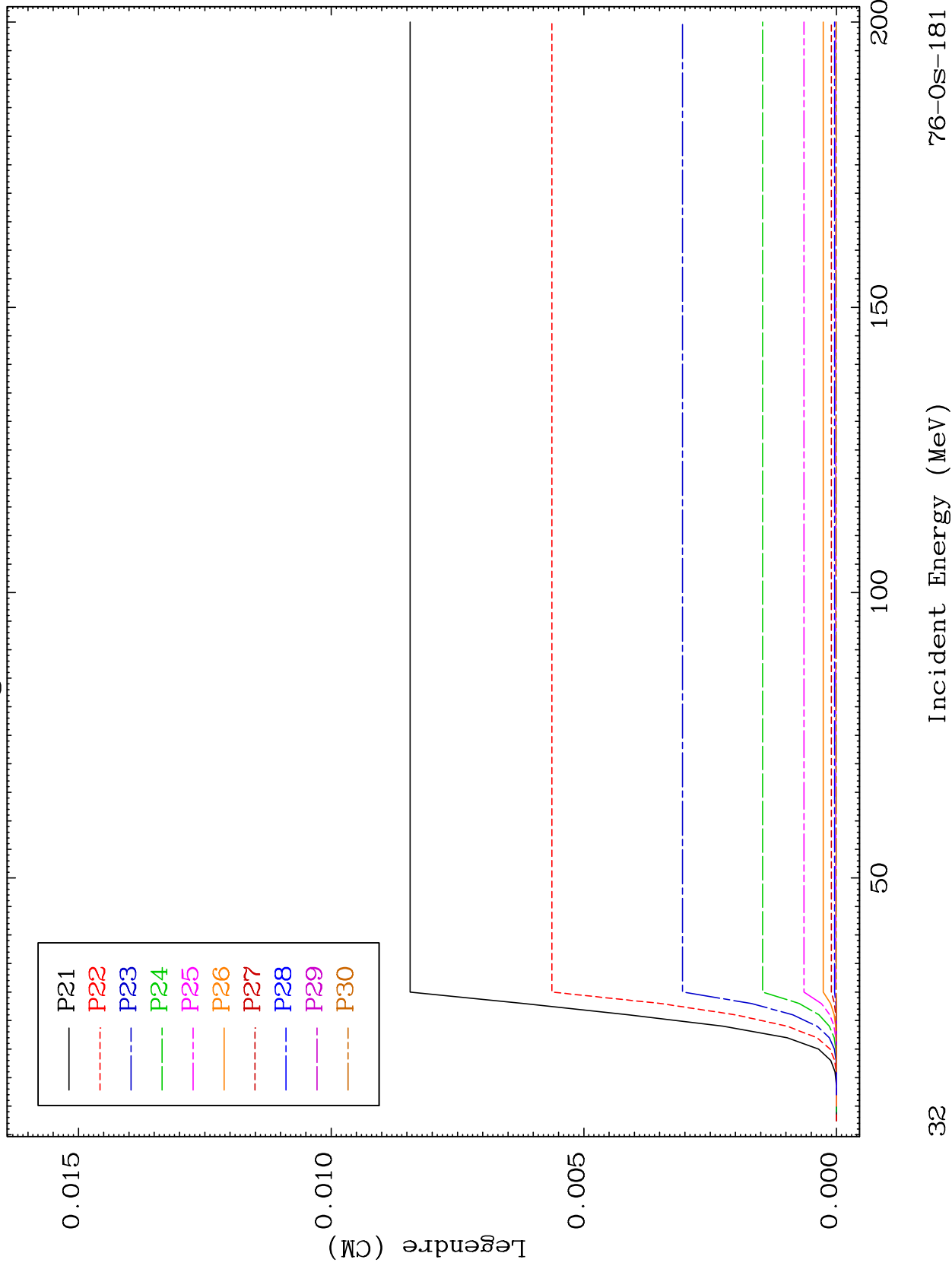
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



32

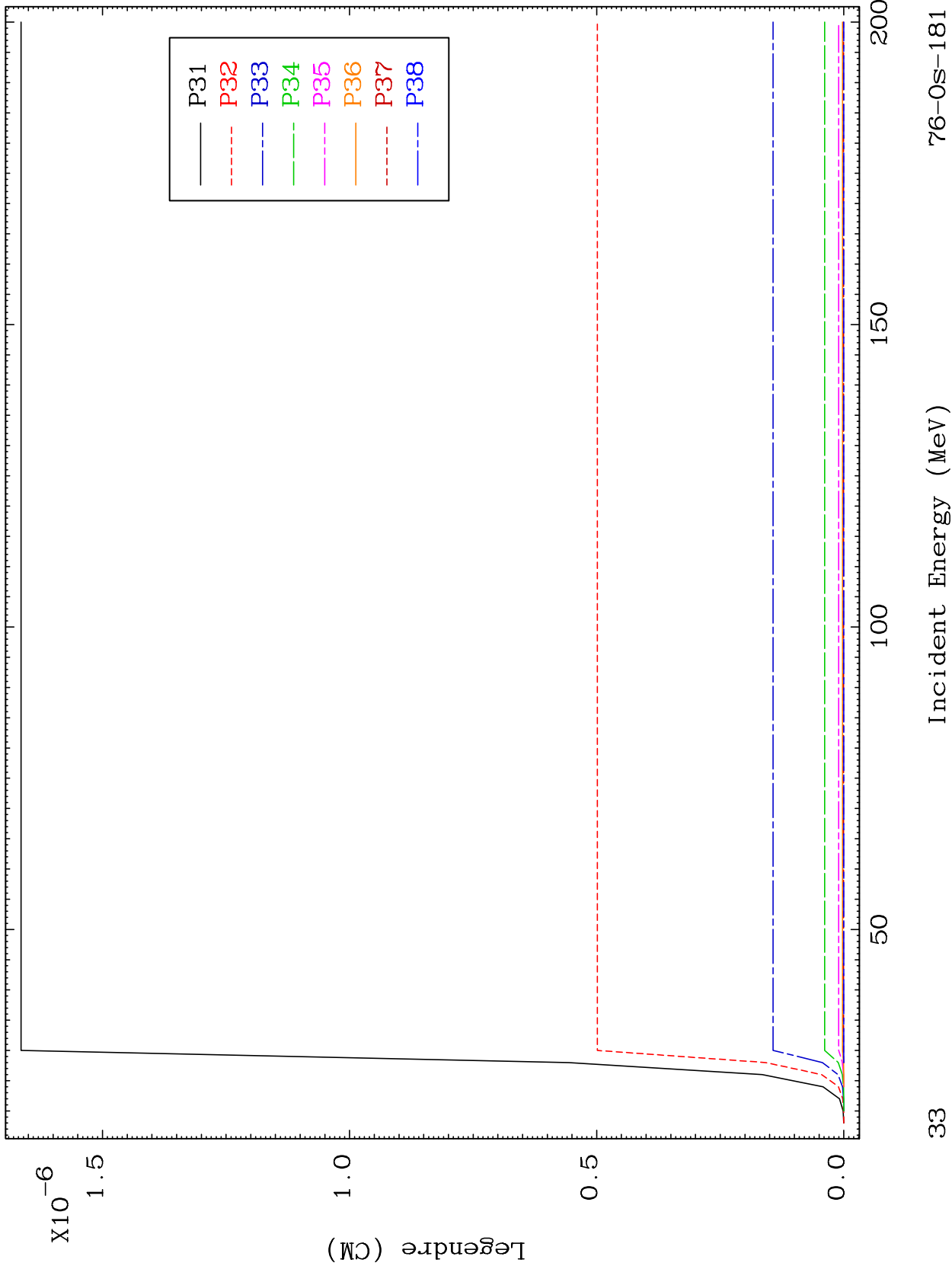
Incident Energy (MeV)

76-Os-181

MAT 7616

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

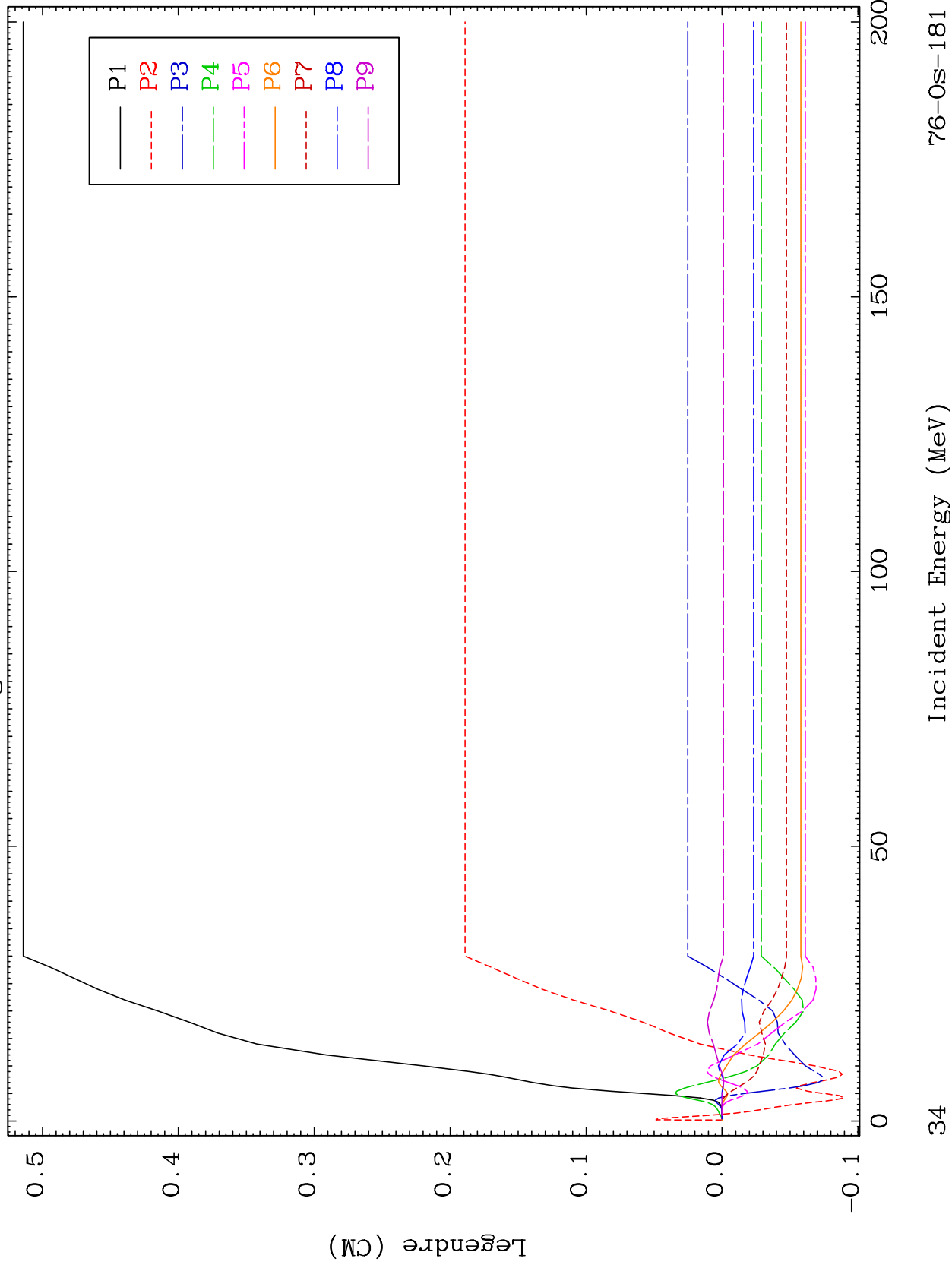
76-Os-181



MAT 7616

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

76-Os-181



76-Os-181

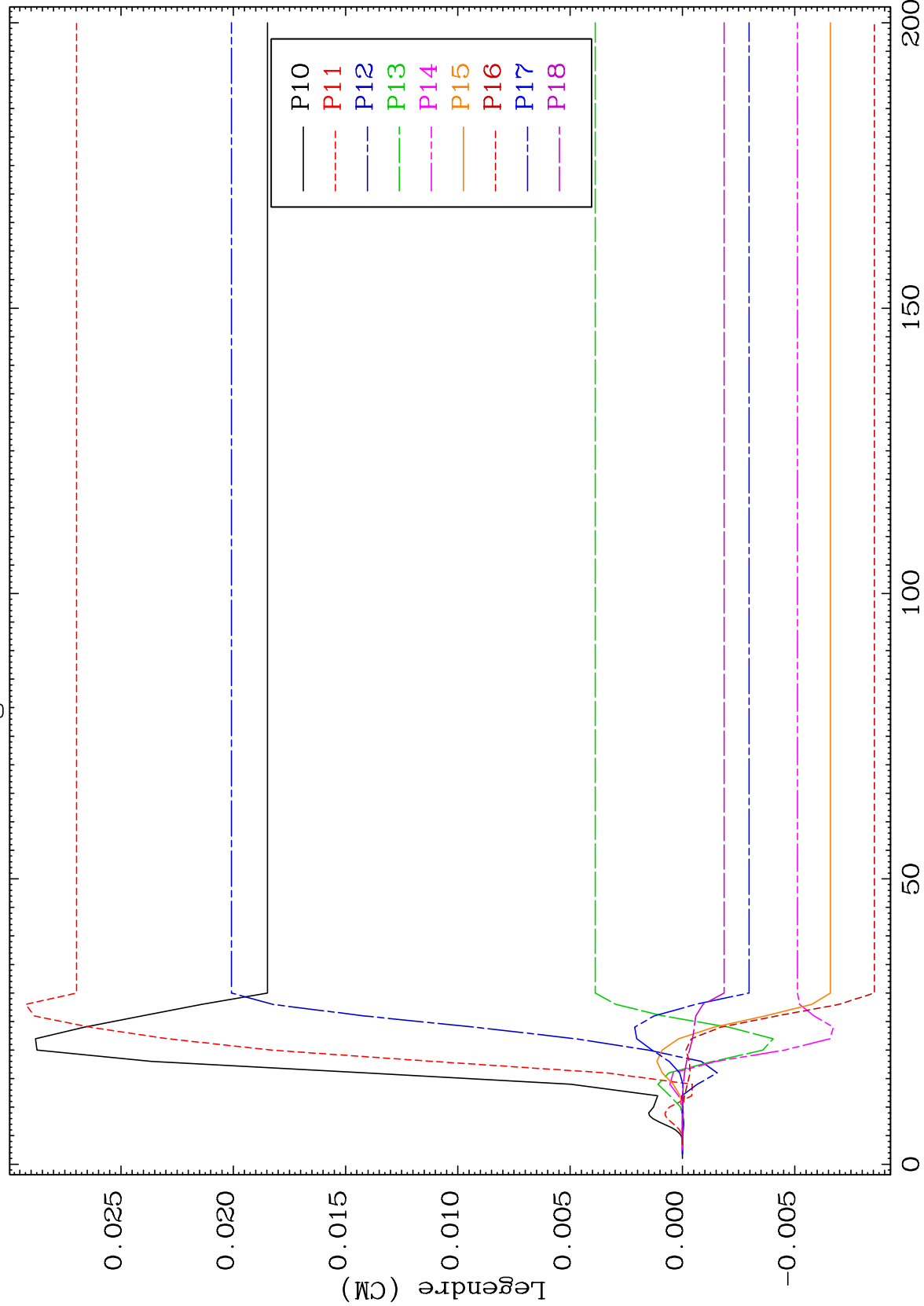
Incident Energy (MeV)

34

MAT 7616

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

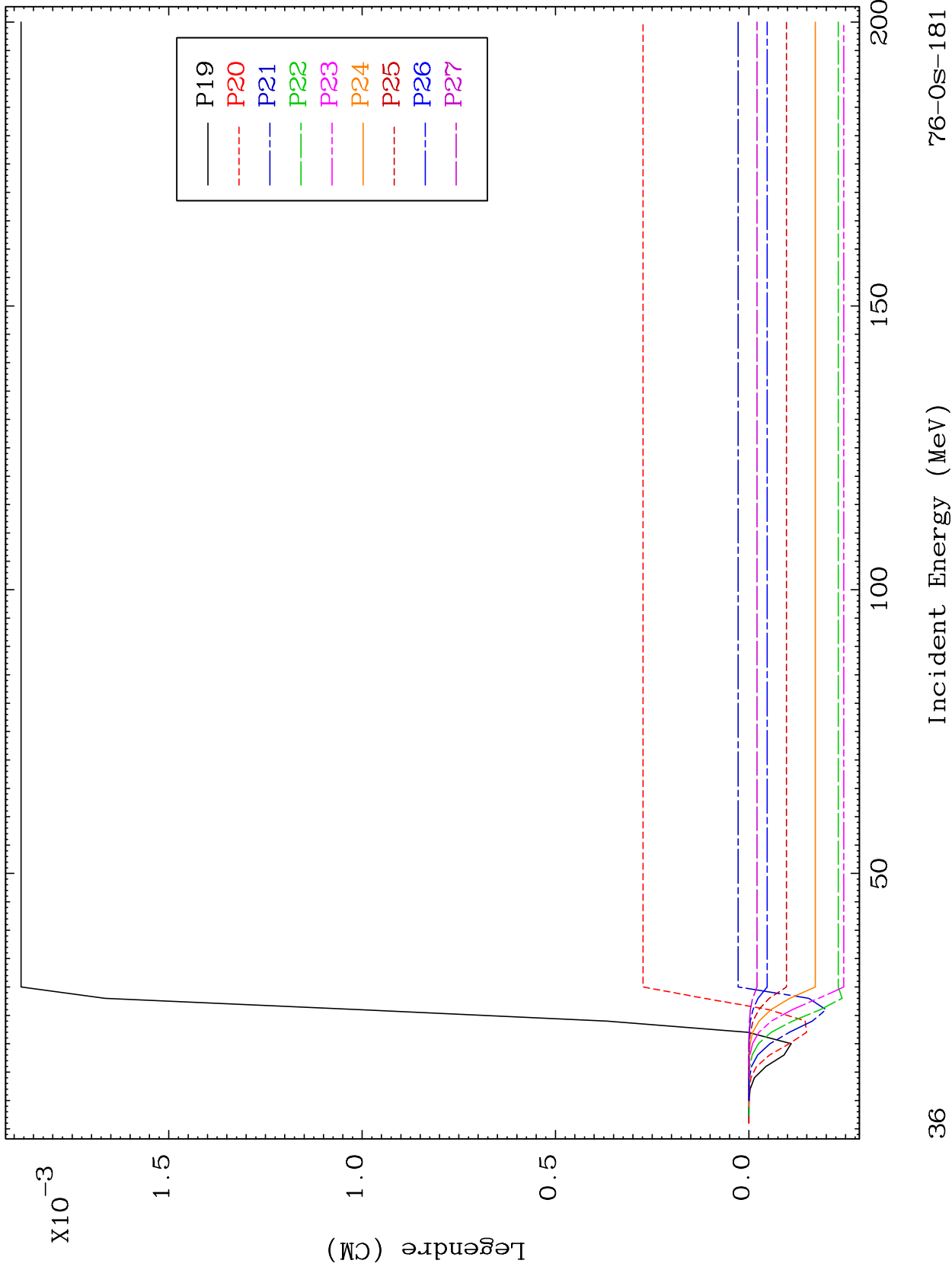
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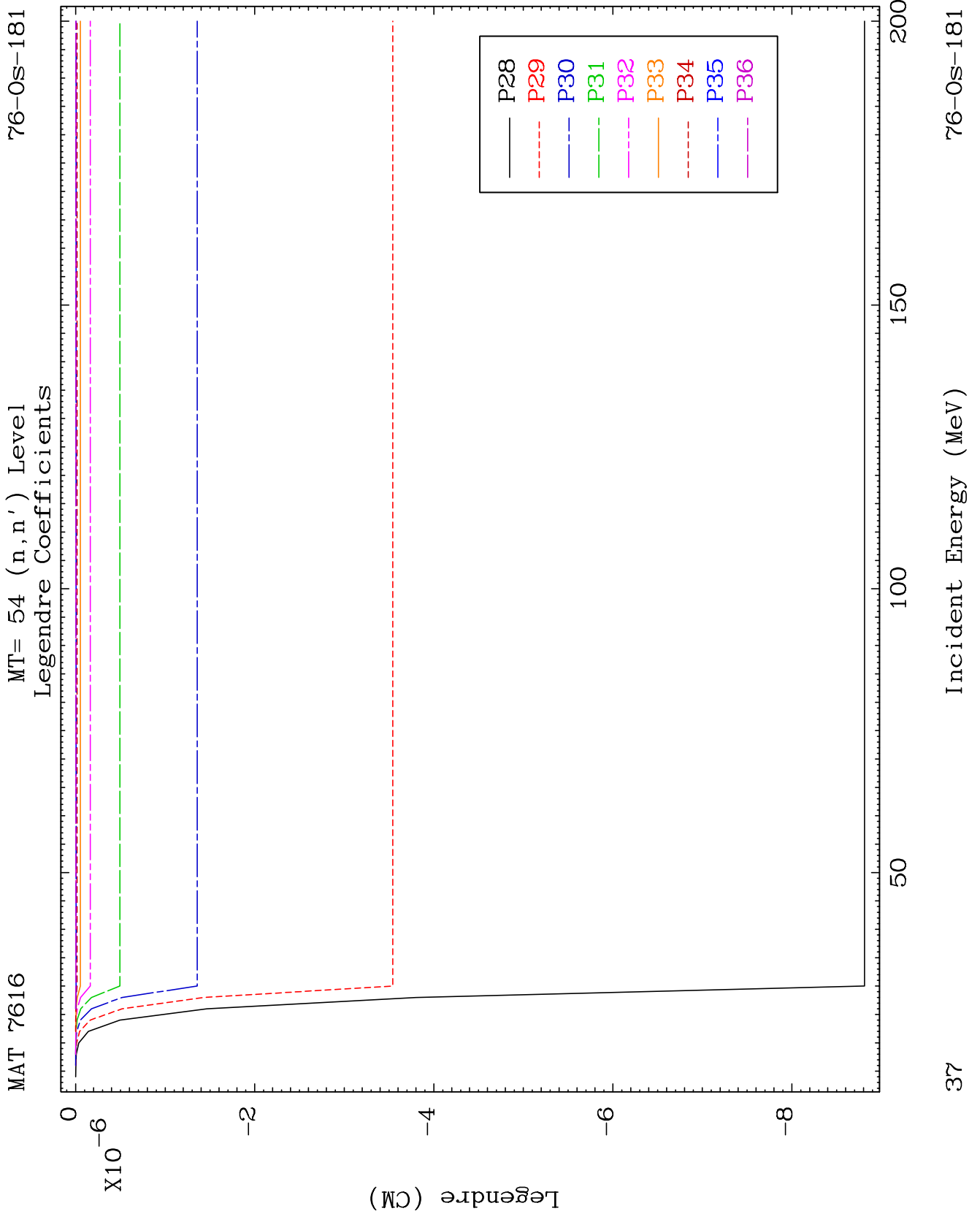


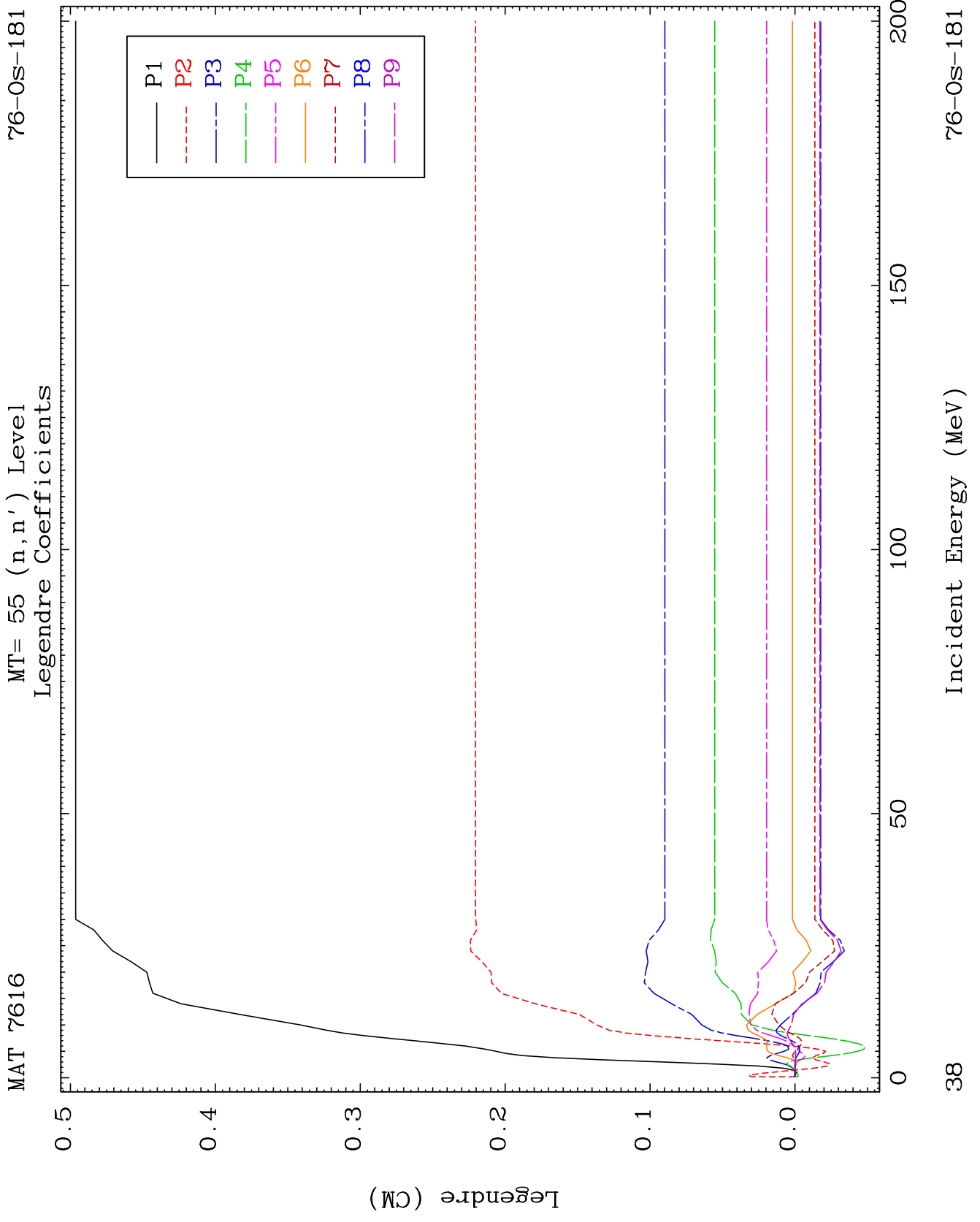
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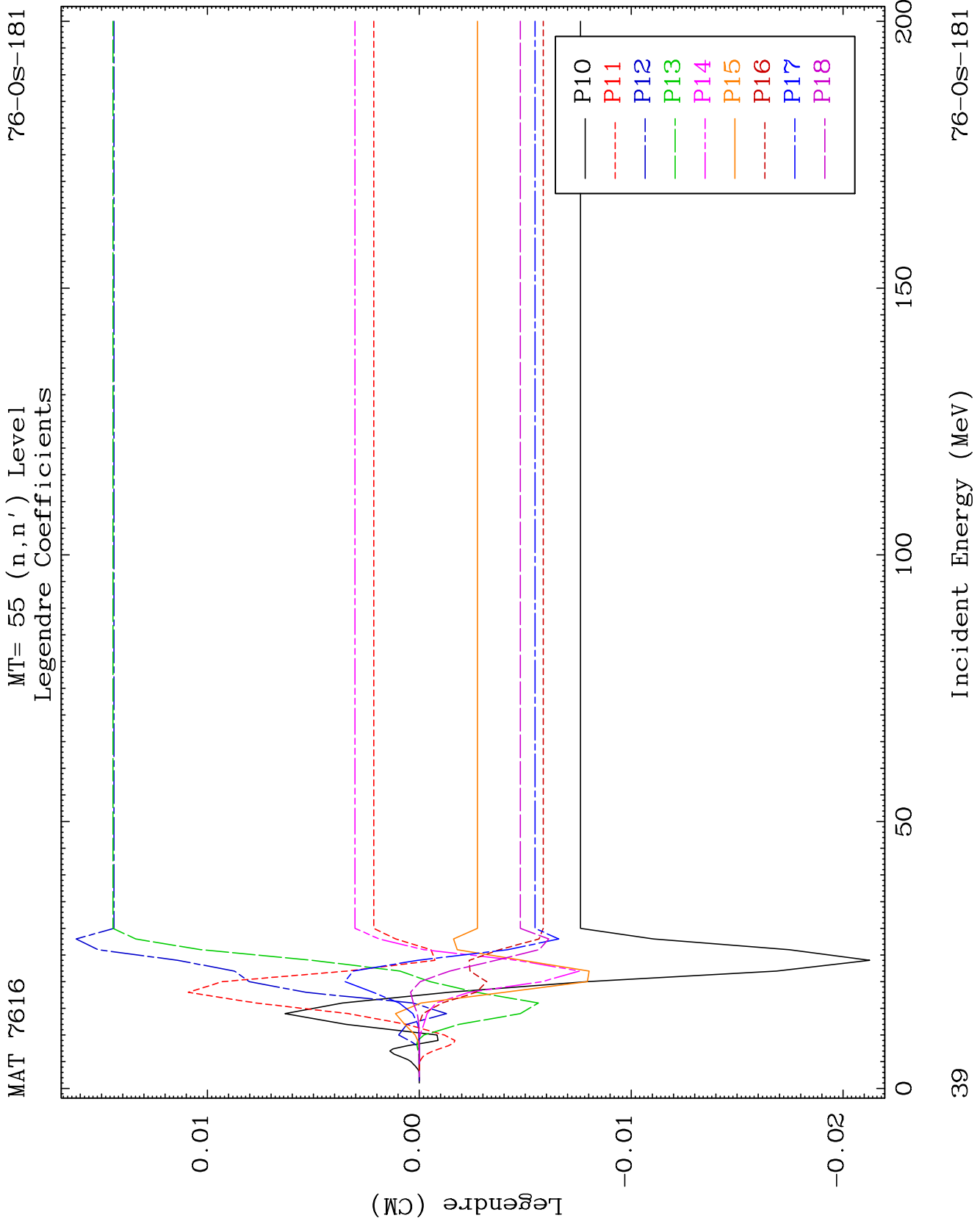
Incident Energy (MeV)

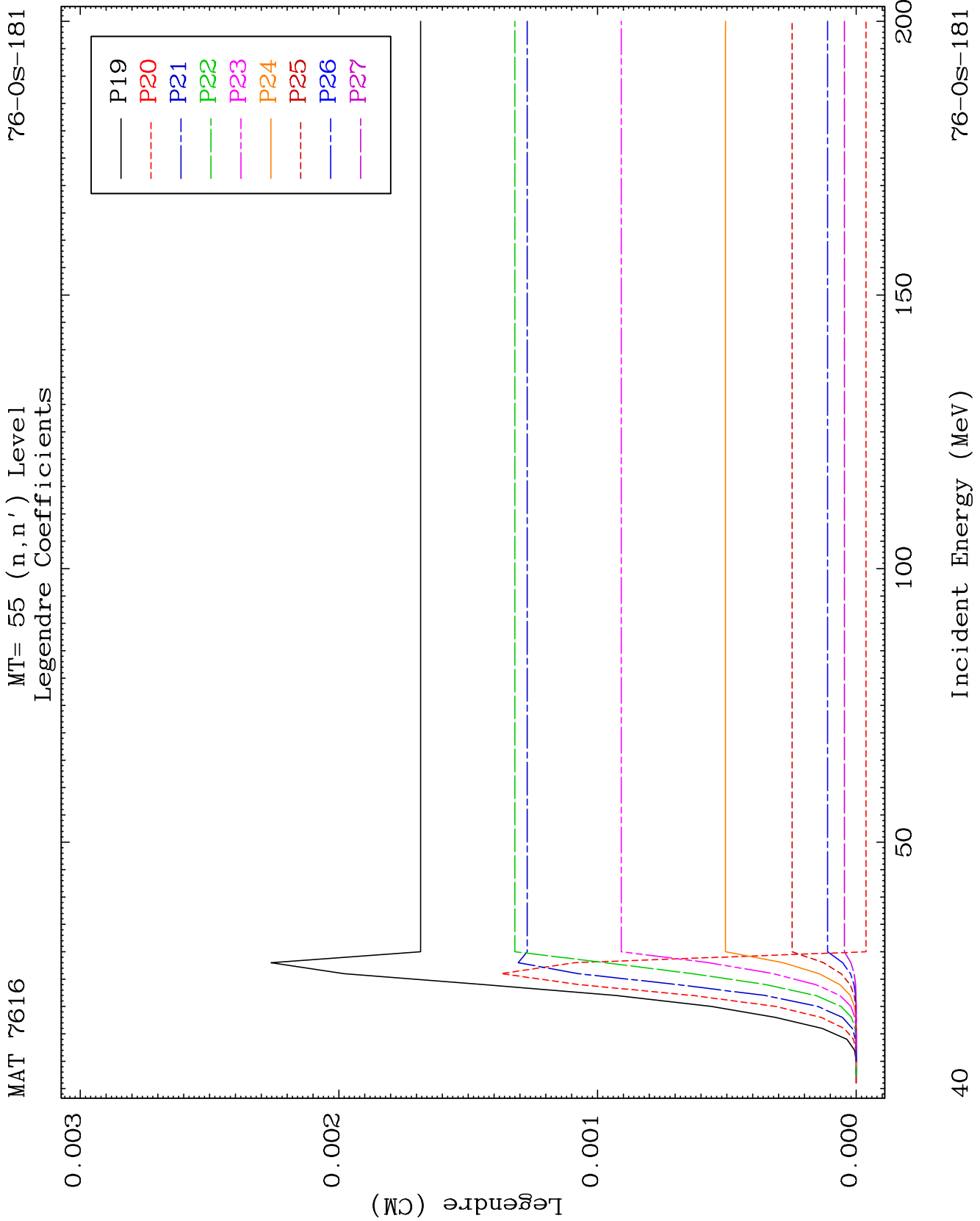
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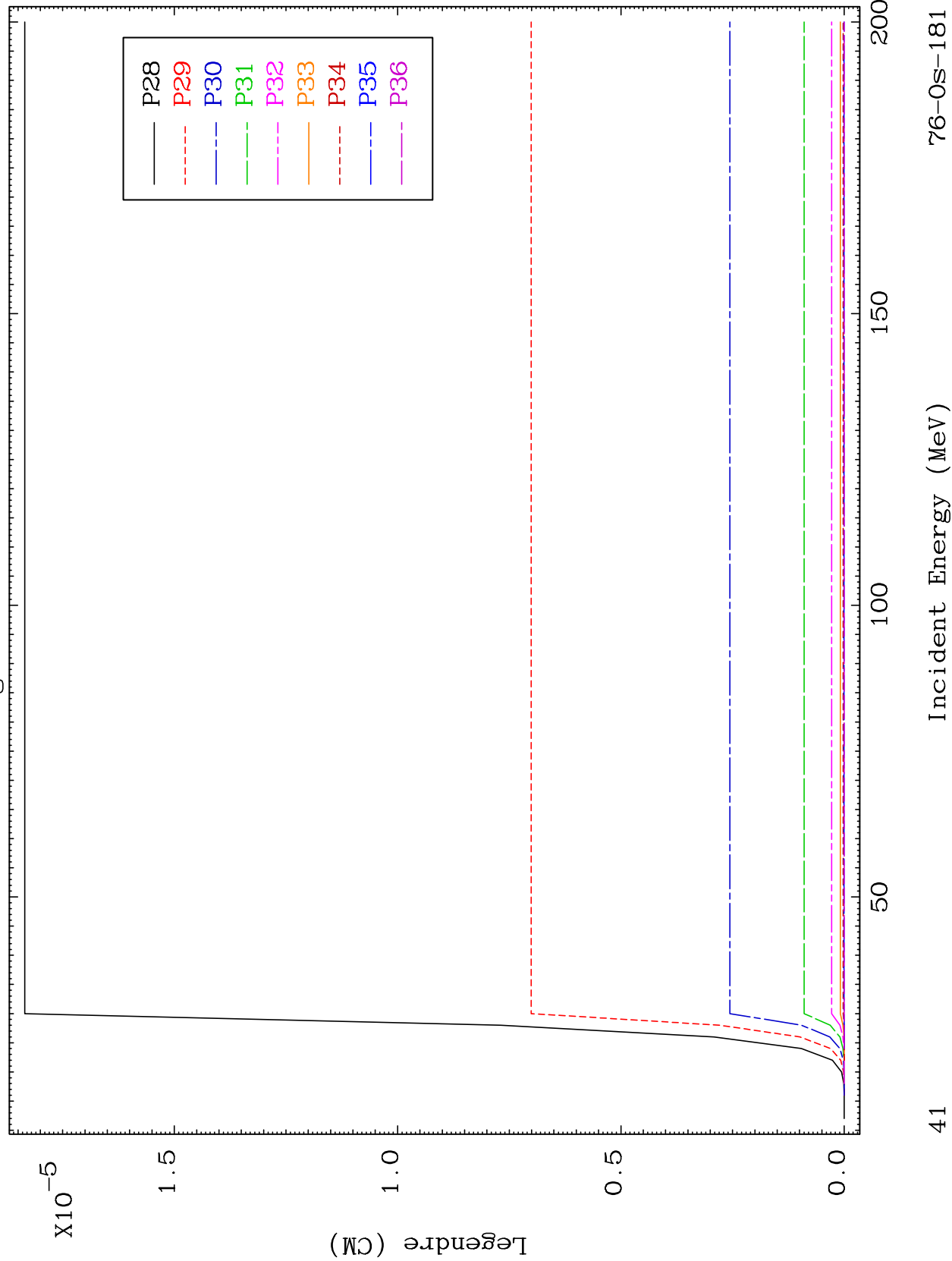




MAT 7616

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

76-Os-181

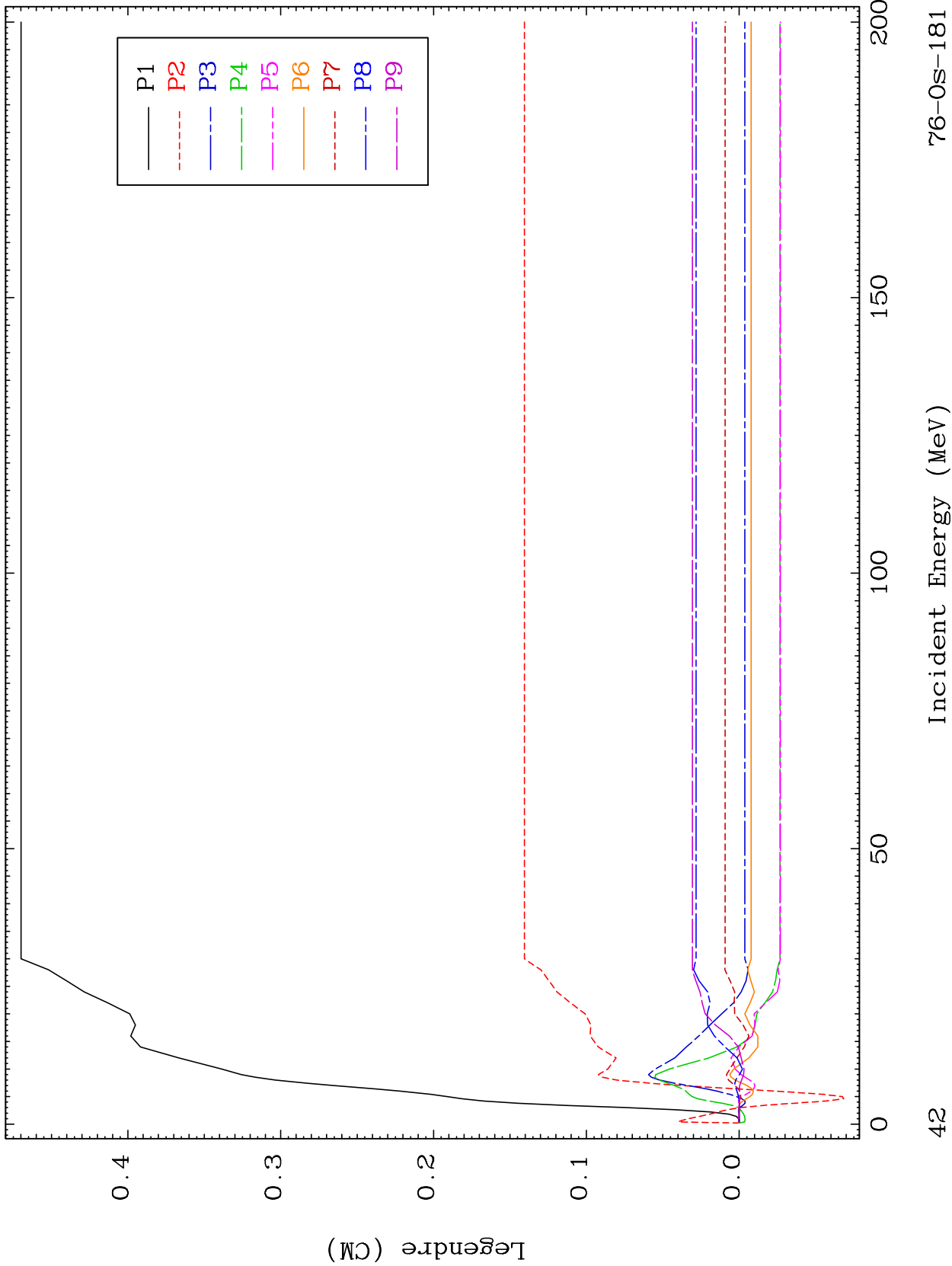


41

MAT 7616

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

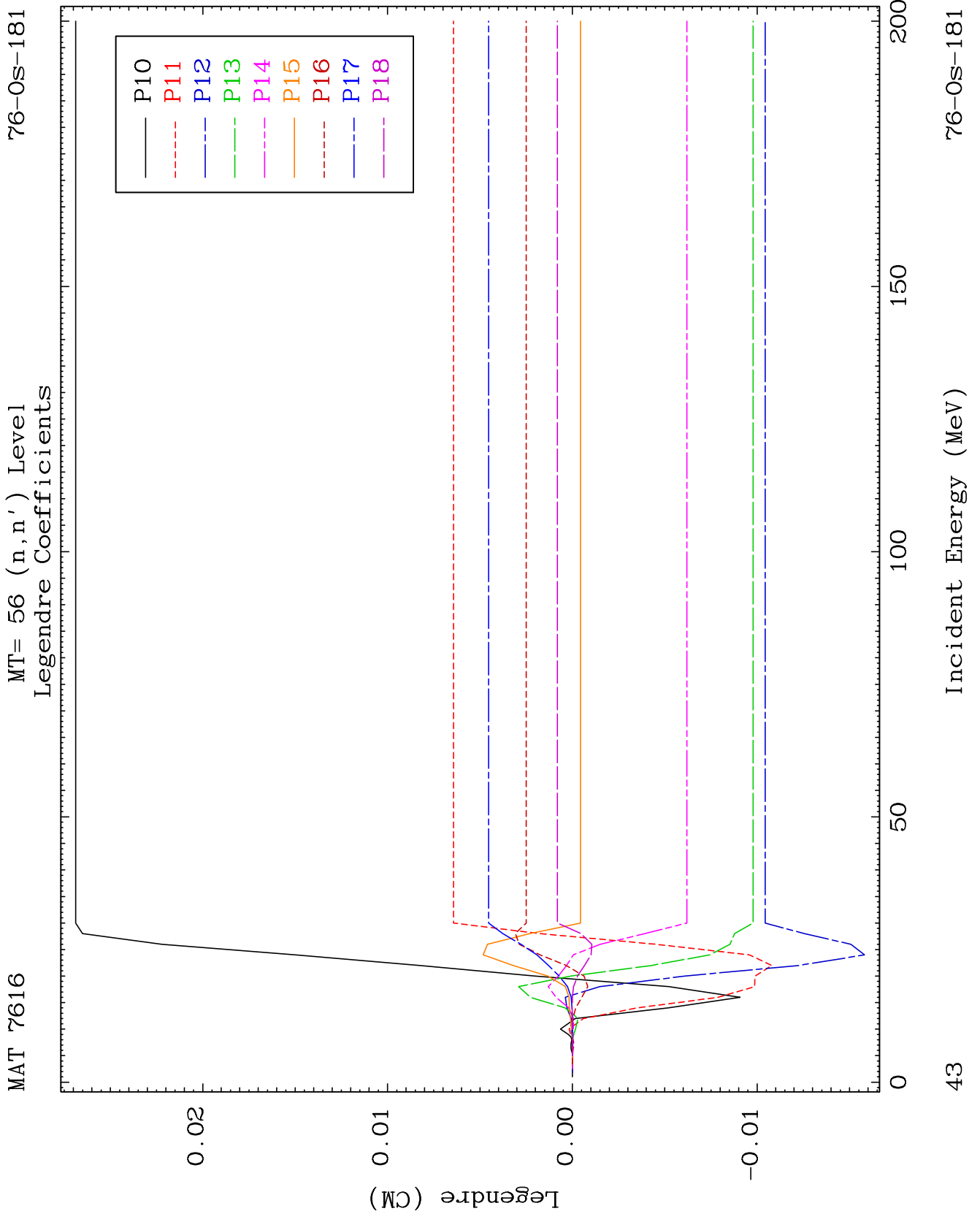
76-Os-181



76-Os-181

Incident Energy (MeV)

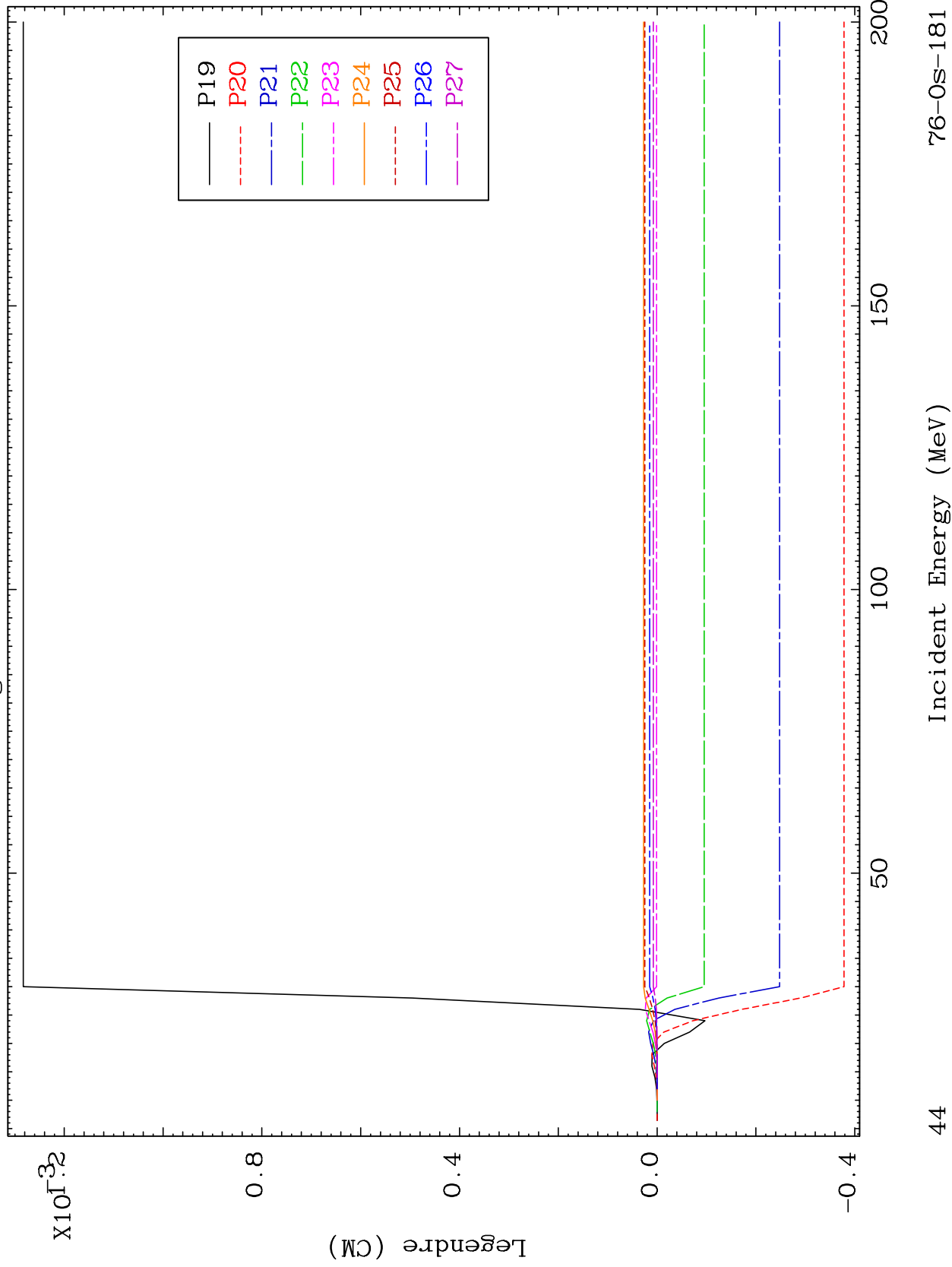
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MAT 7616

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

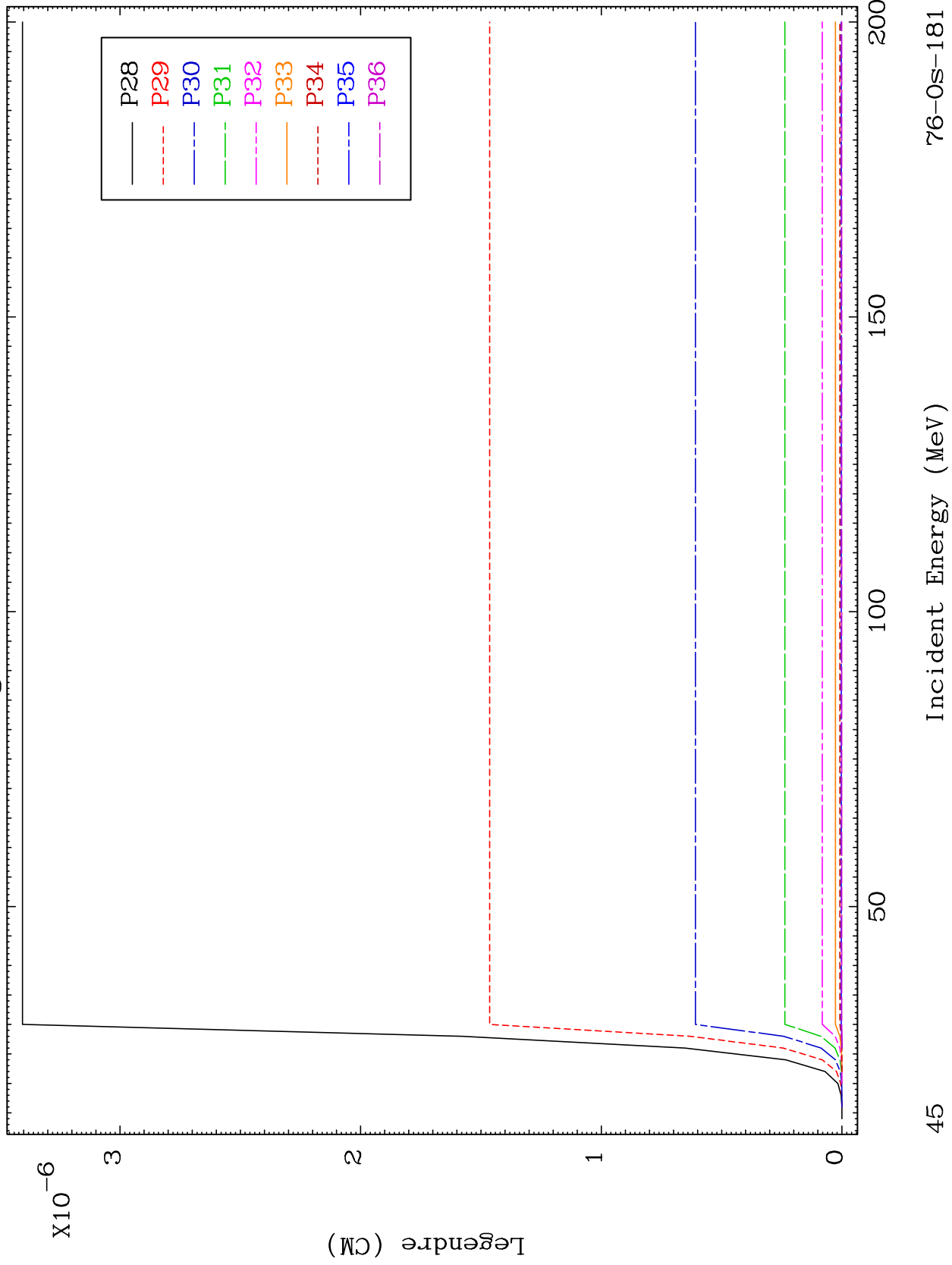
76-Os-181



MAT 7616

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

76-Os-181

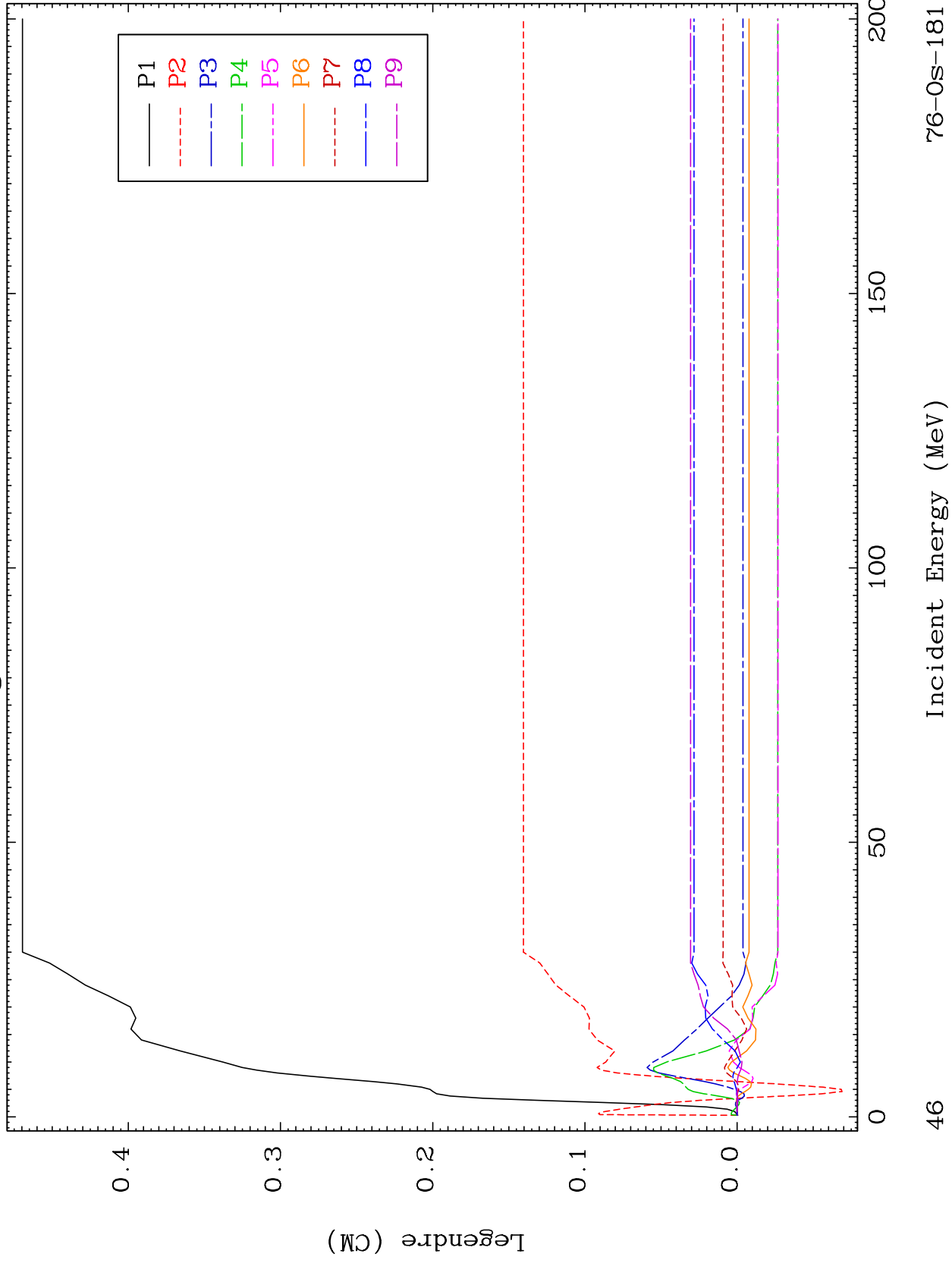


MAT 7616

MT= 57 (n,n') Level

76-Os-181

Legendre Coefficients



76-Os-181

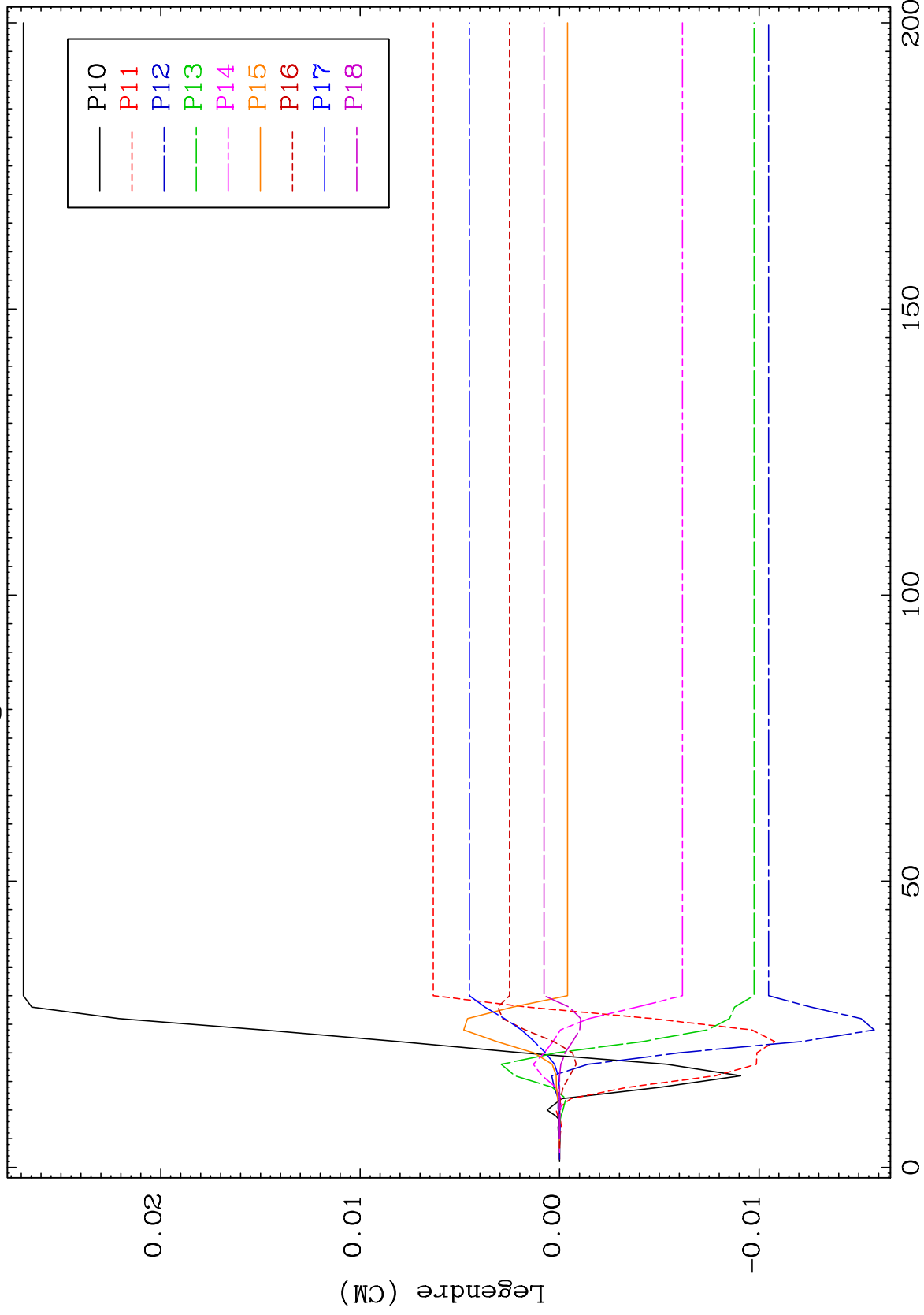
Incident Energy (MeV)

46

MAT 7616

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

76-Os-181



47

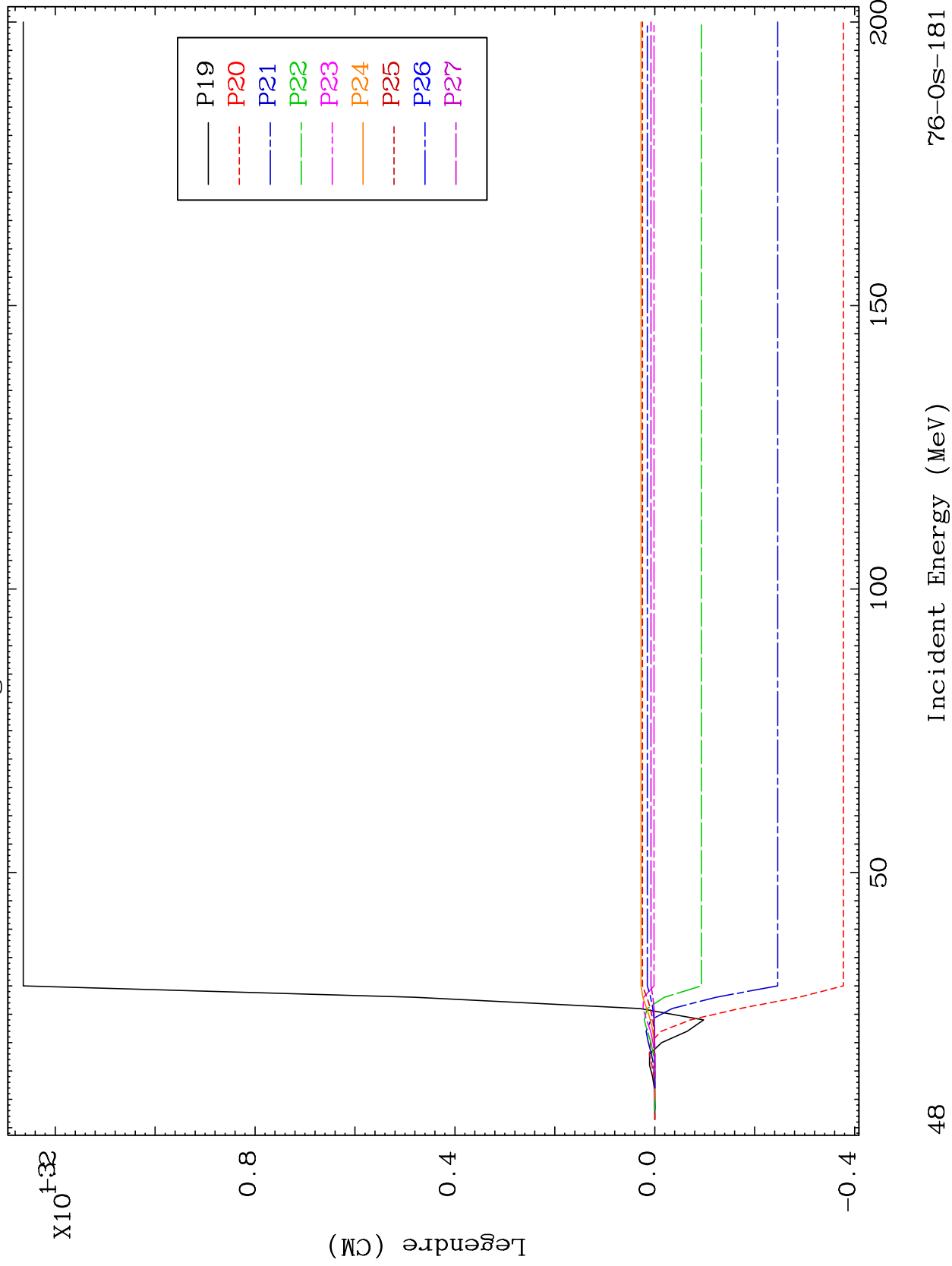
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



76-Os-181

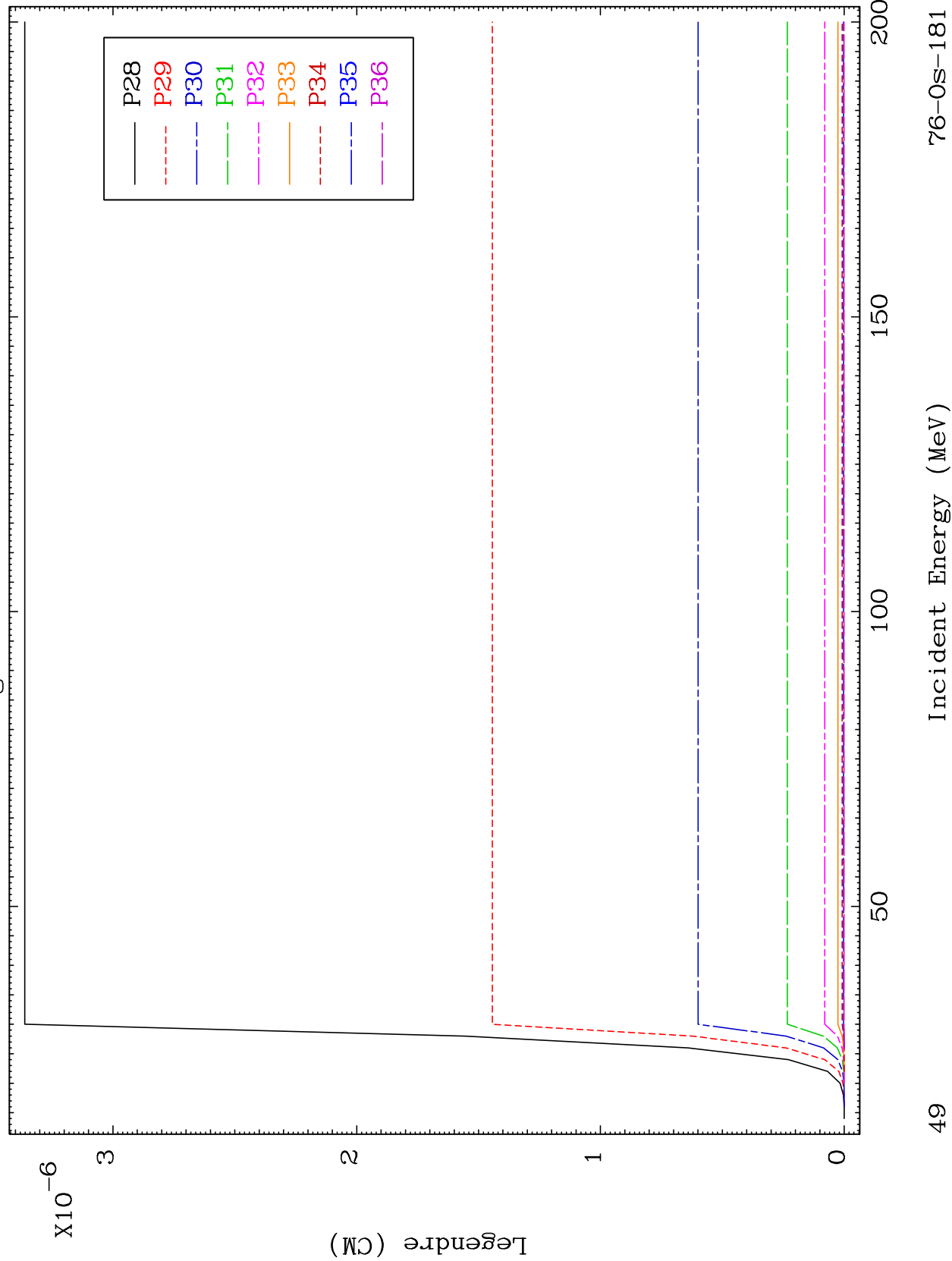
Incident Energy (MeV)

48

MAT 7616

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

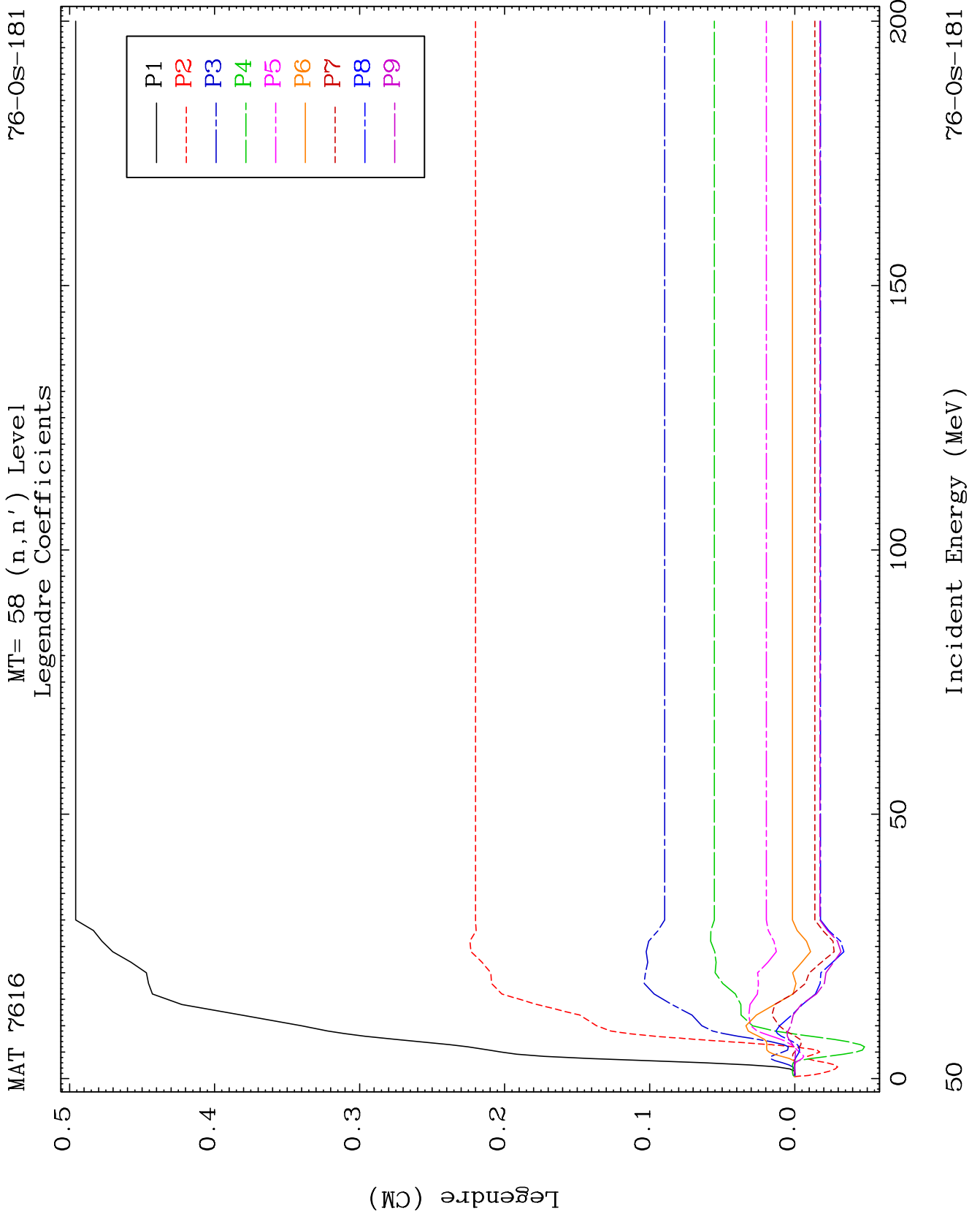
76-Os-181



49

Incident Energy (MeV)

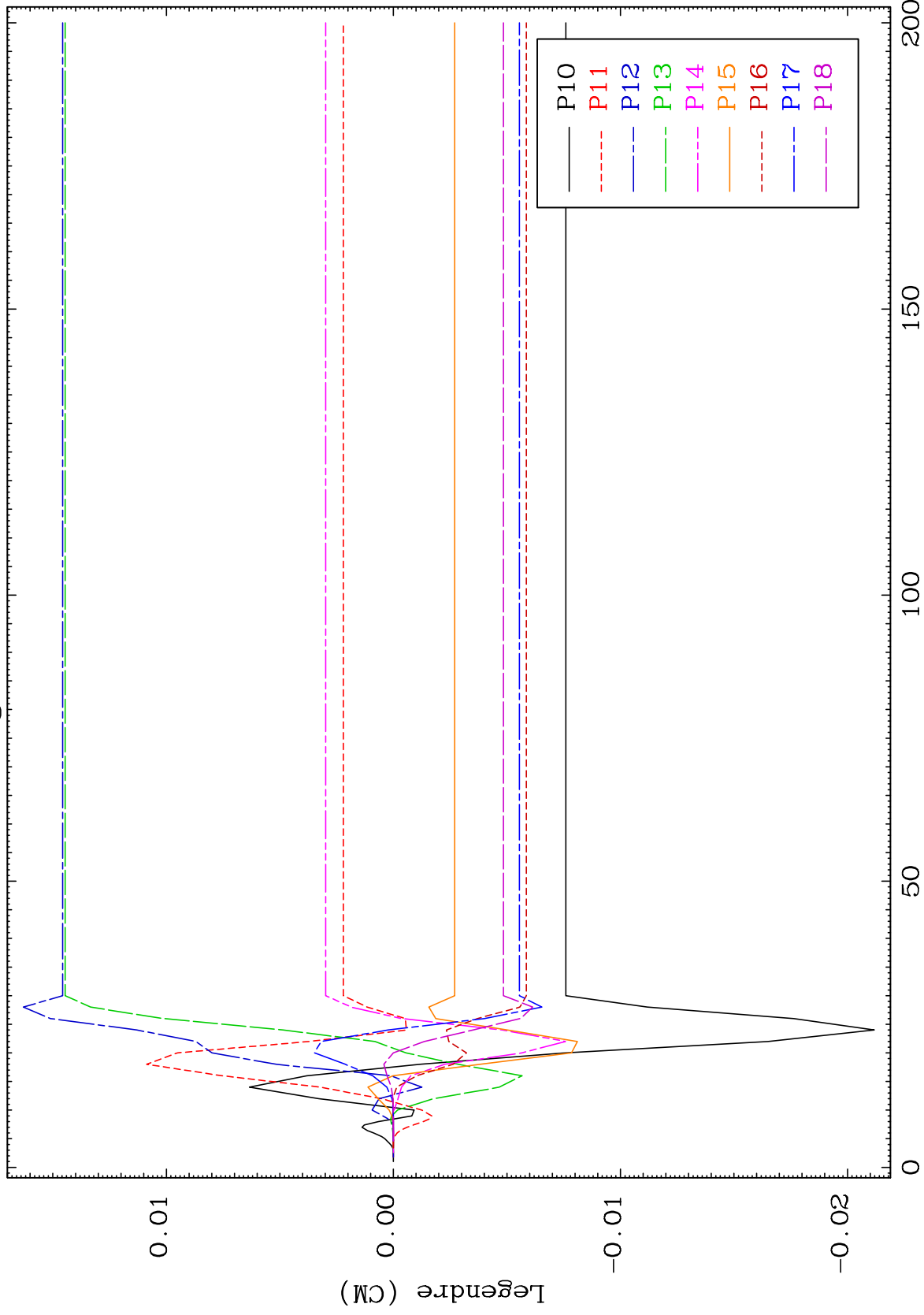
76-Os-181



MAT 7616

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

76-Os-181



51

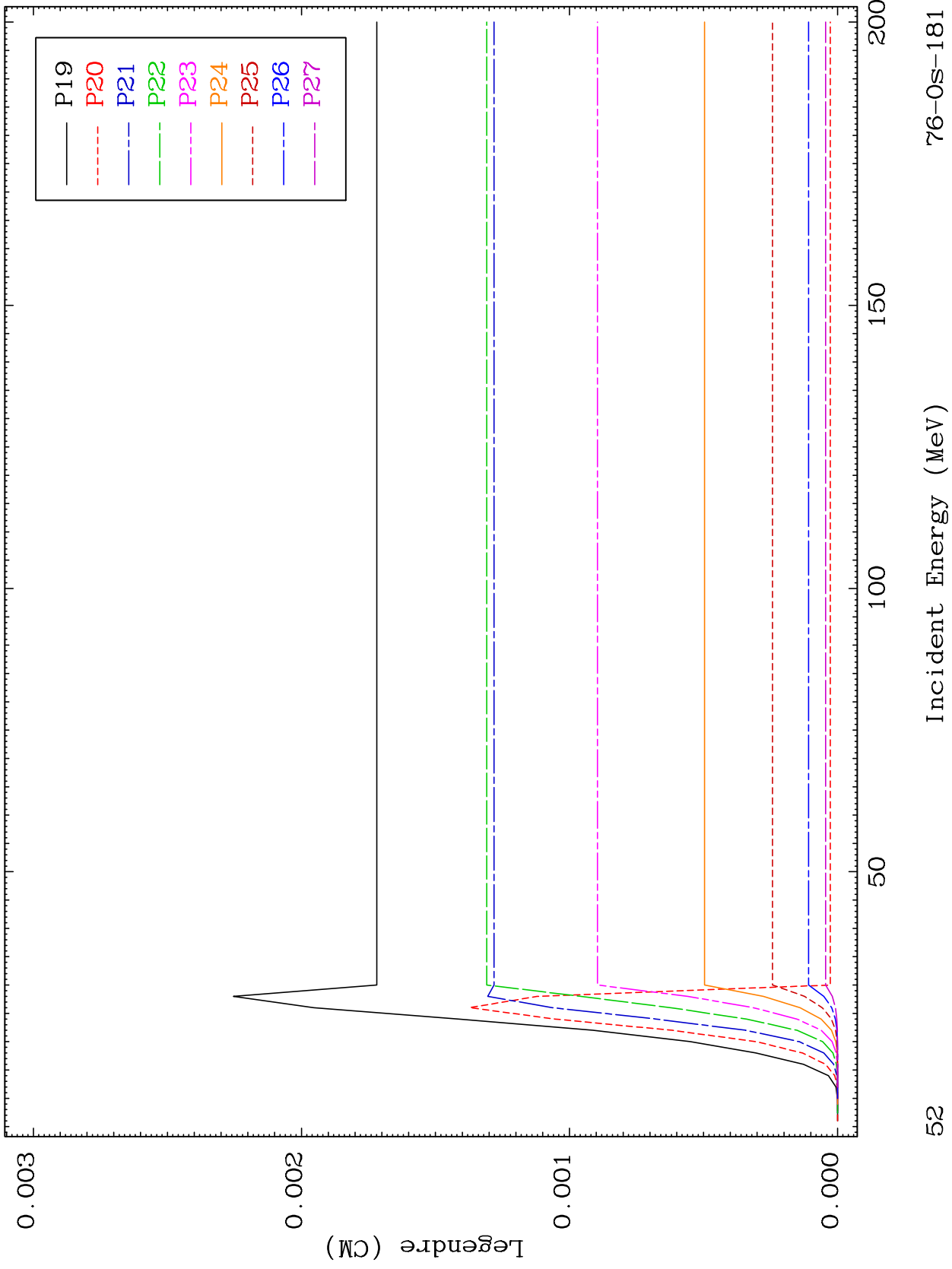
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



52

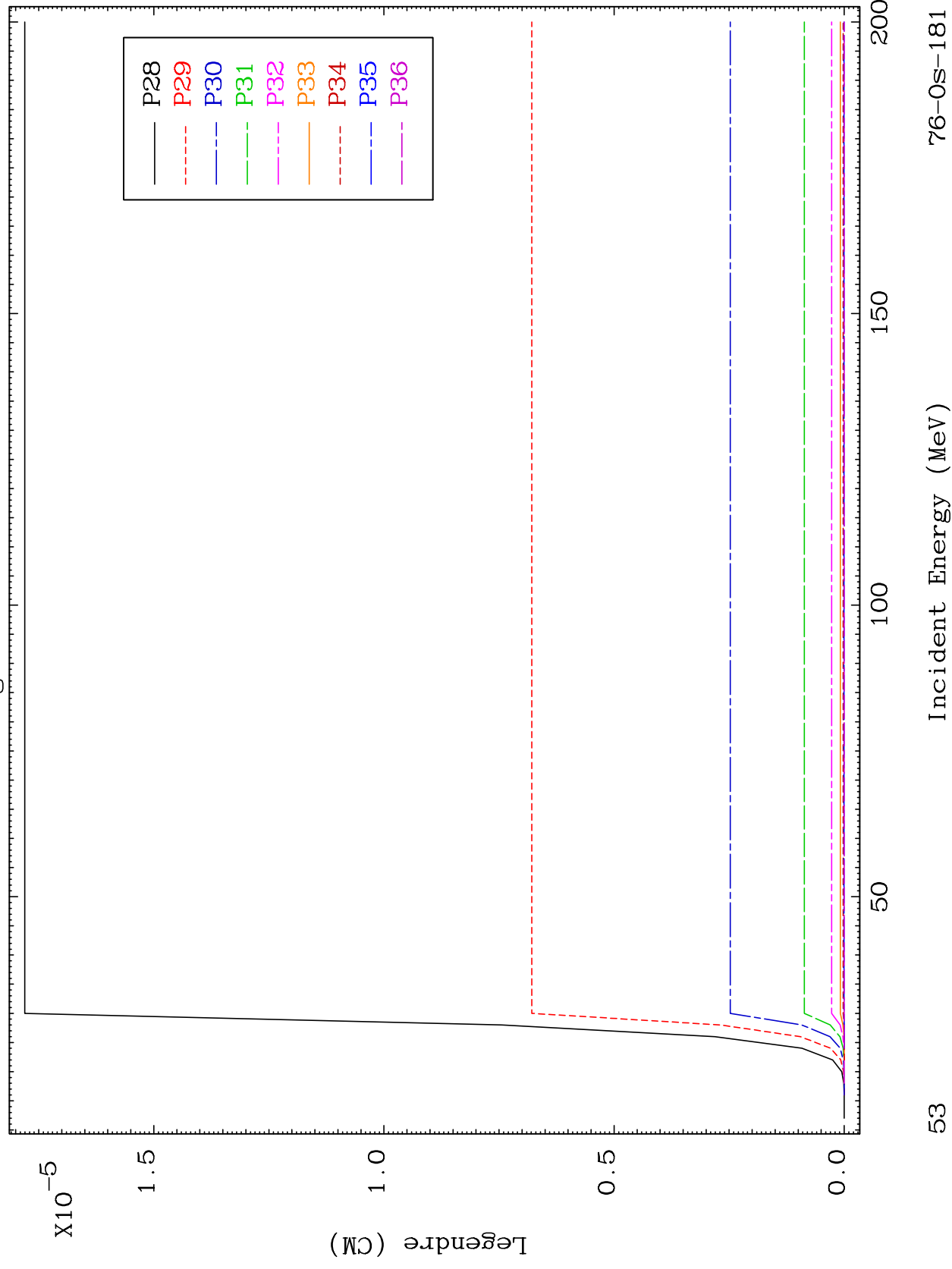
Incident Energy (MeV)

76-Os-181

MAT 7616

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

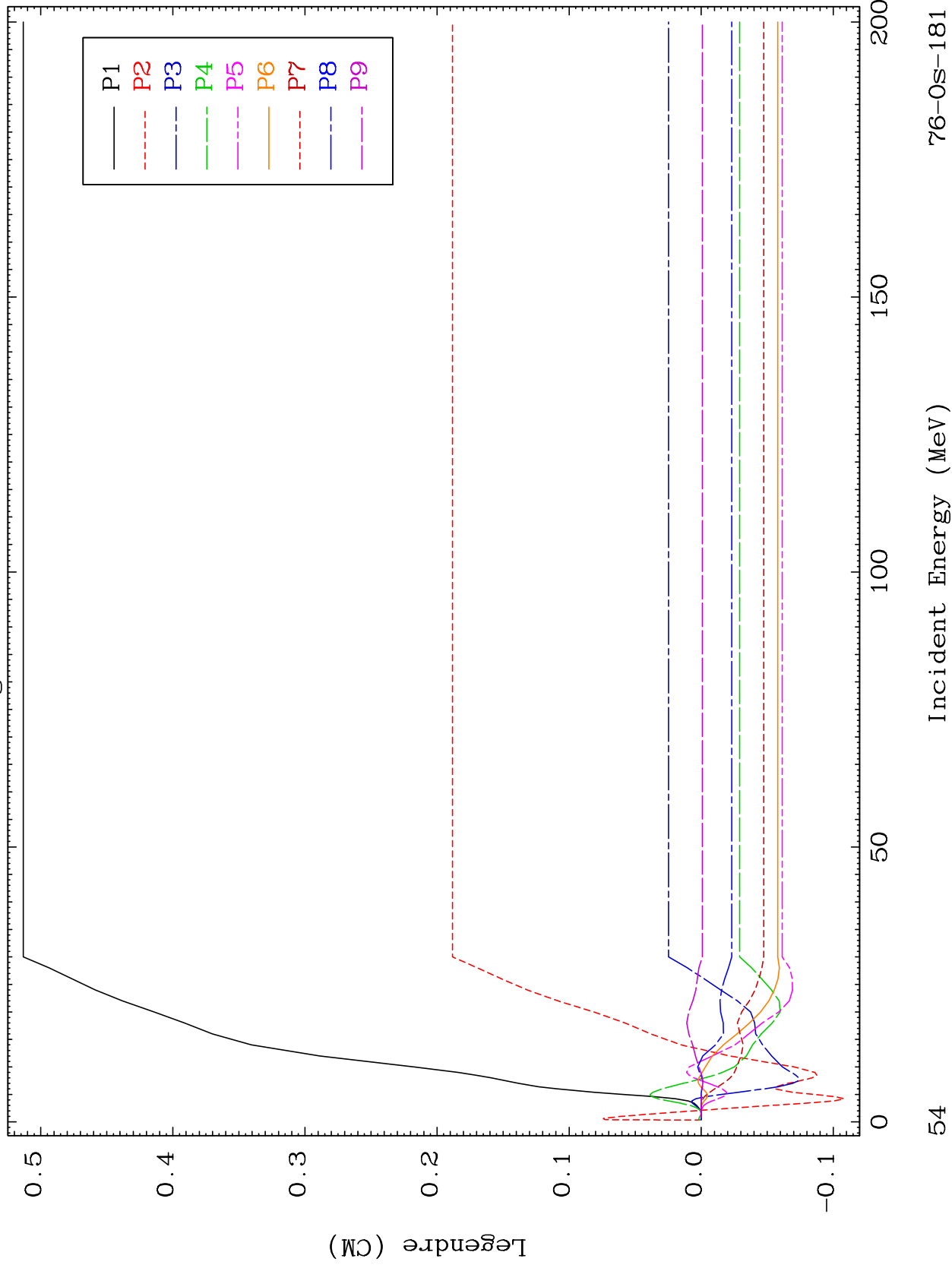
76-Os-181



MAT 7616

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

76-Os-181



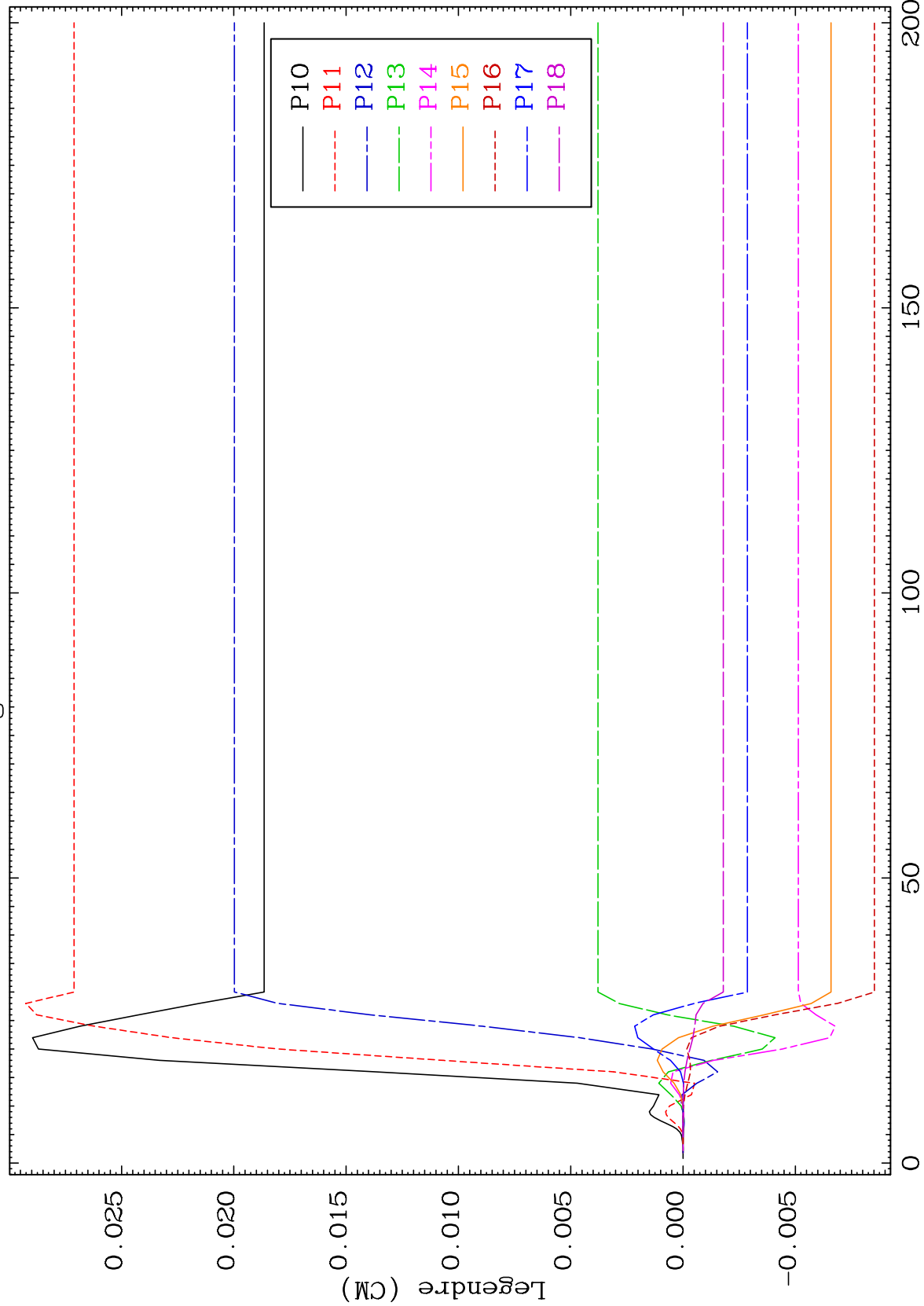
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76-Os-181

MAT 7616

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

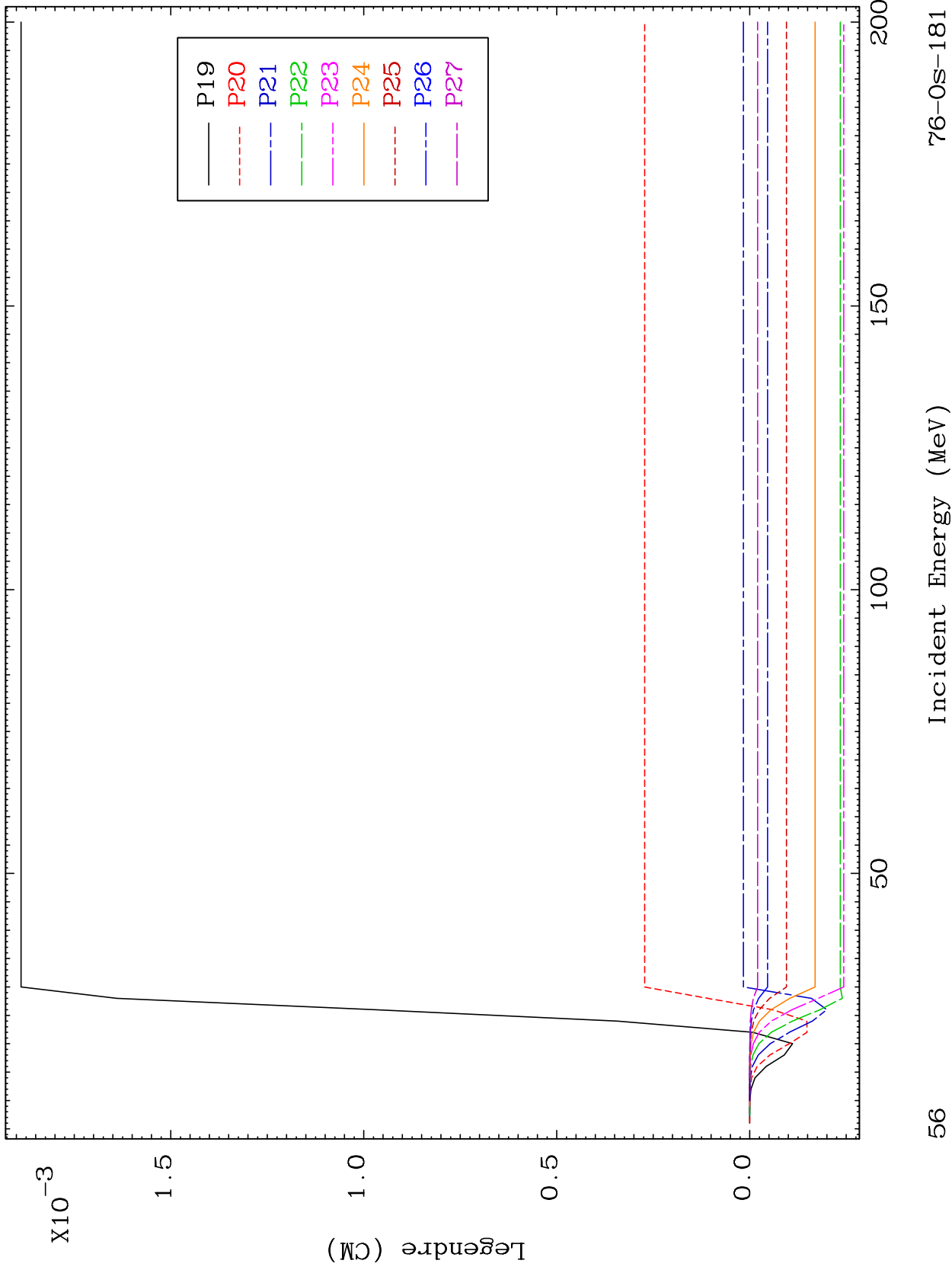
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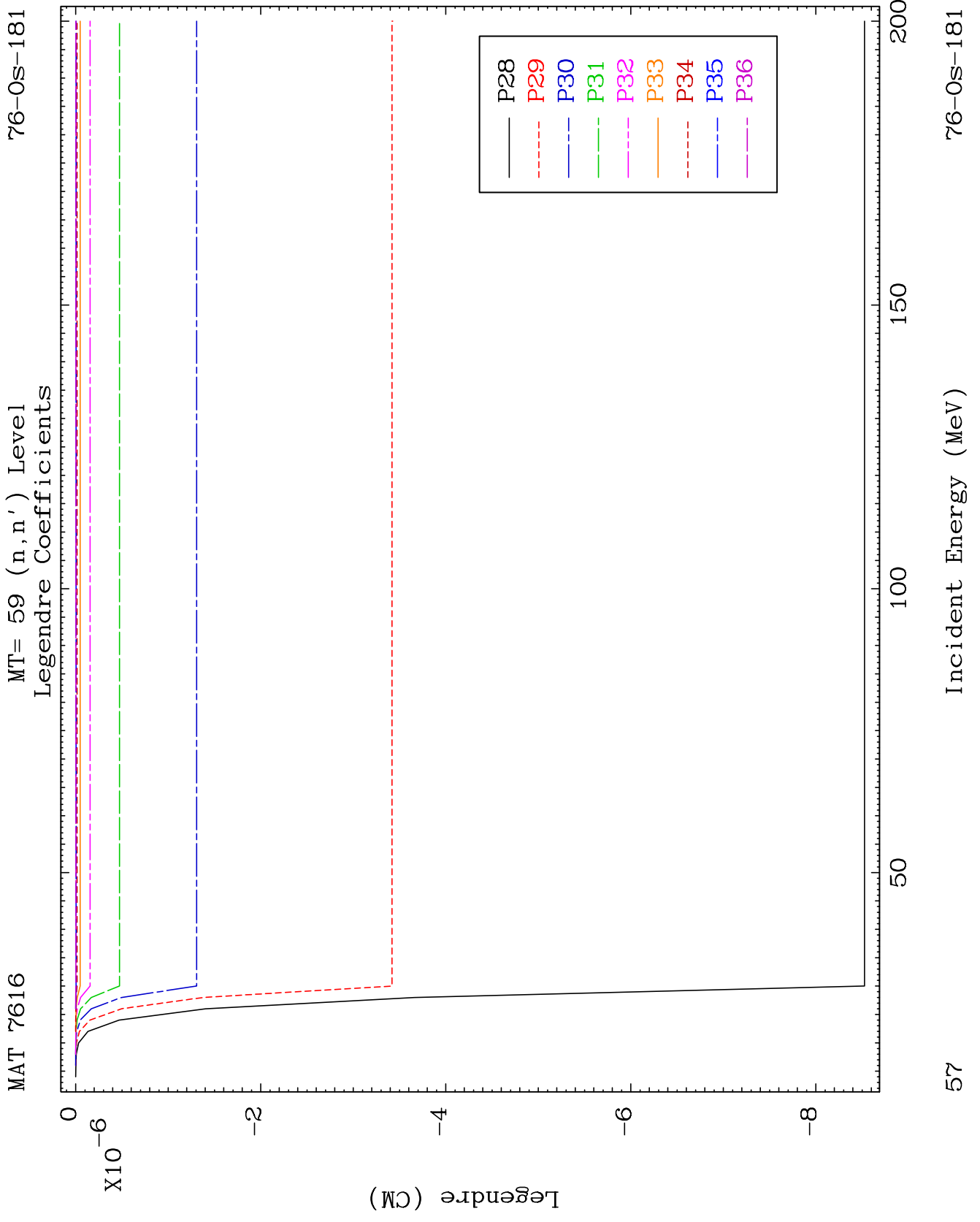


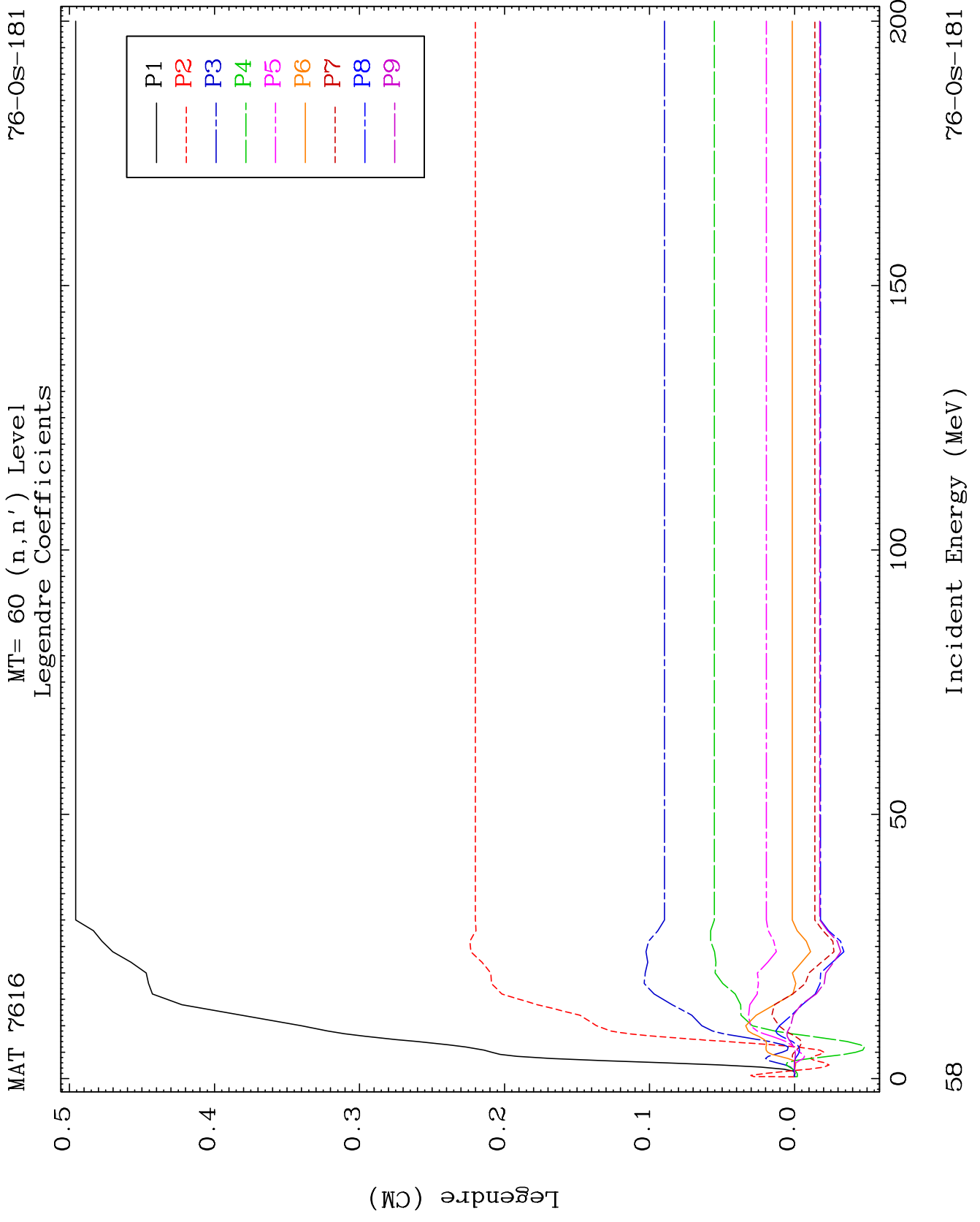
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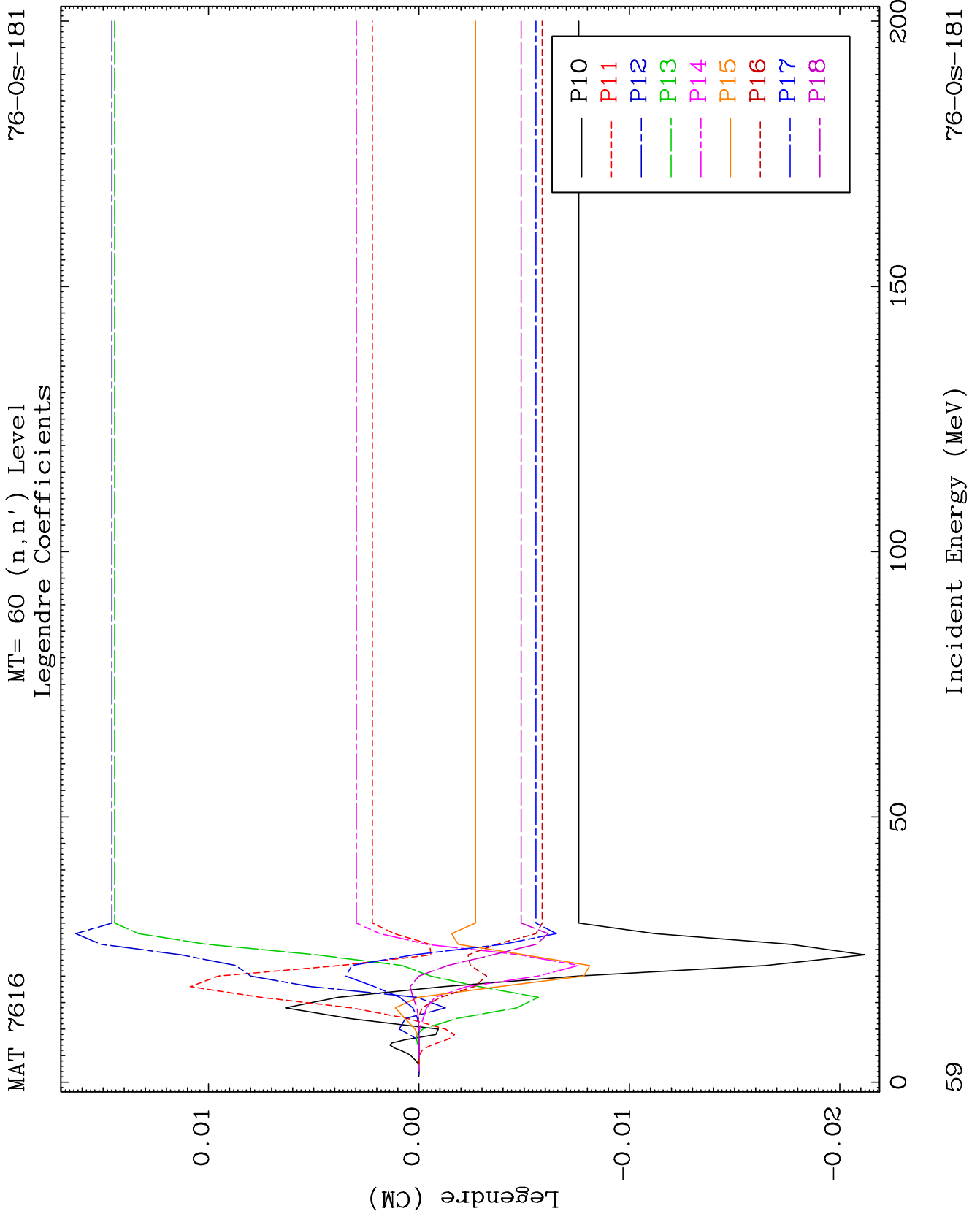
Incident Energy (MeV)

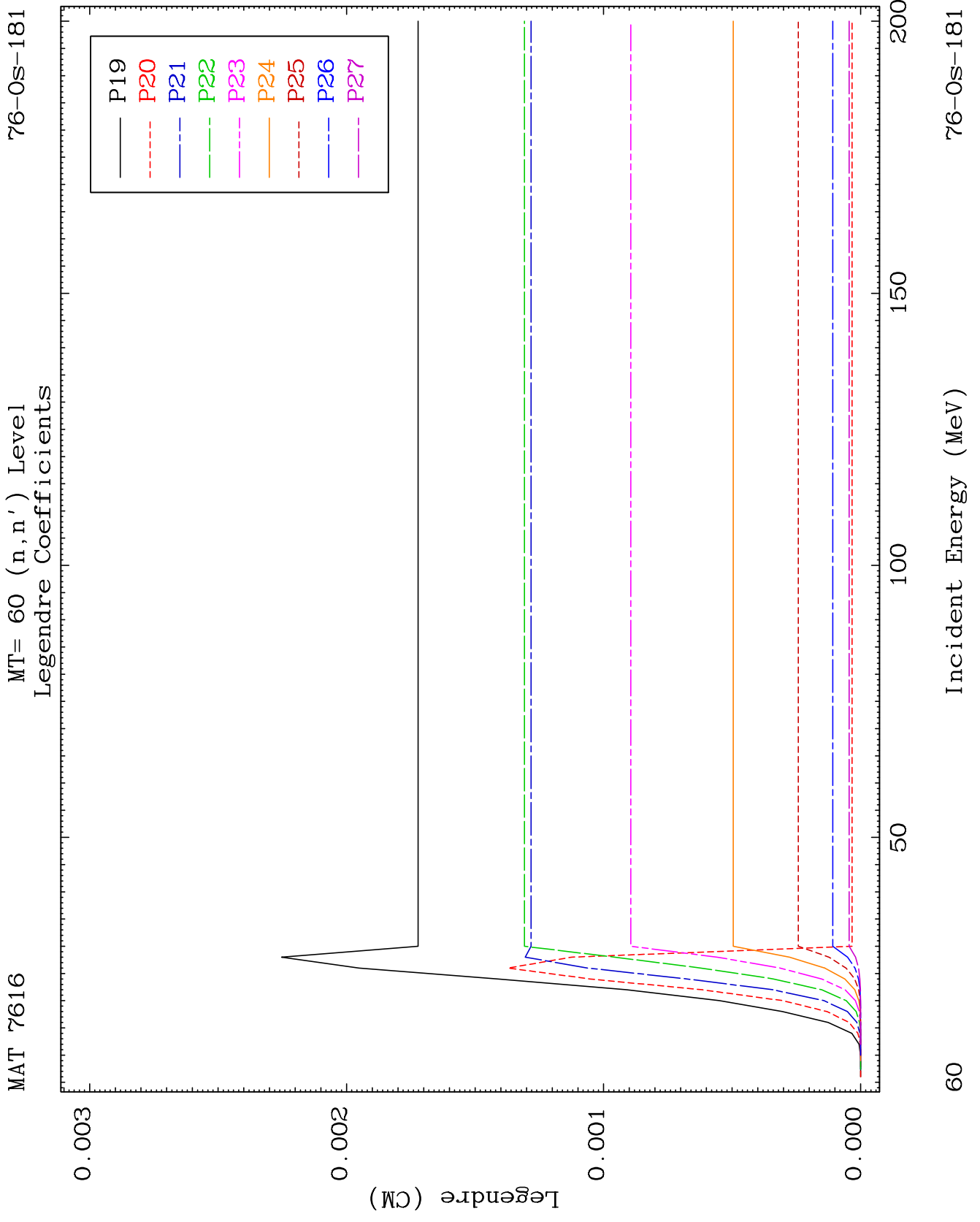
76-Os-181







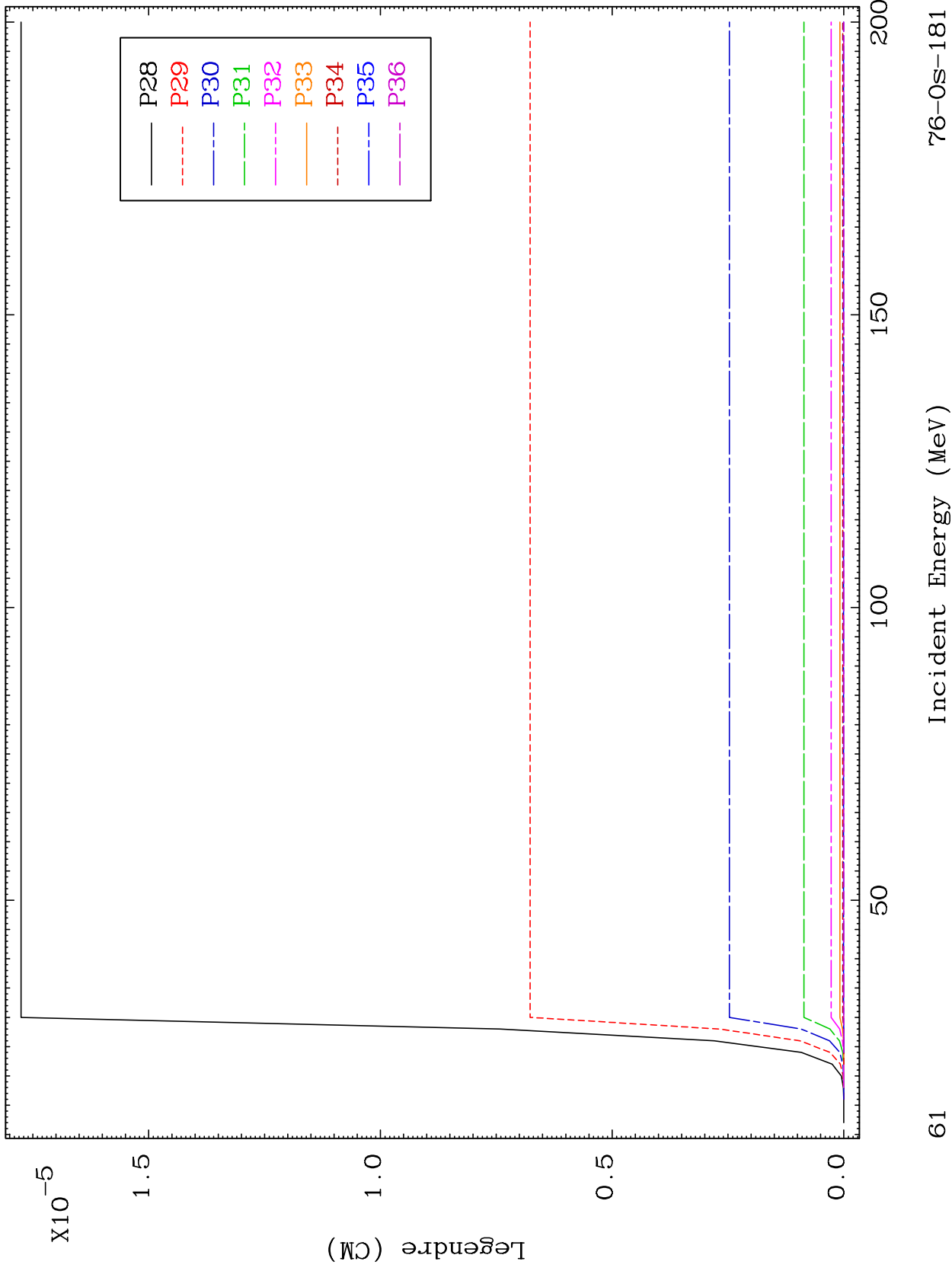




MAT 7616

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

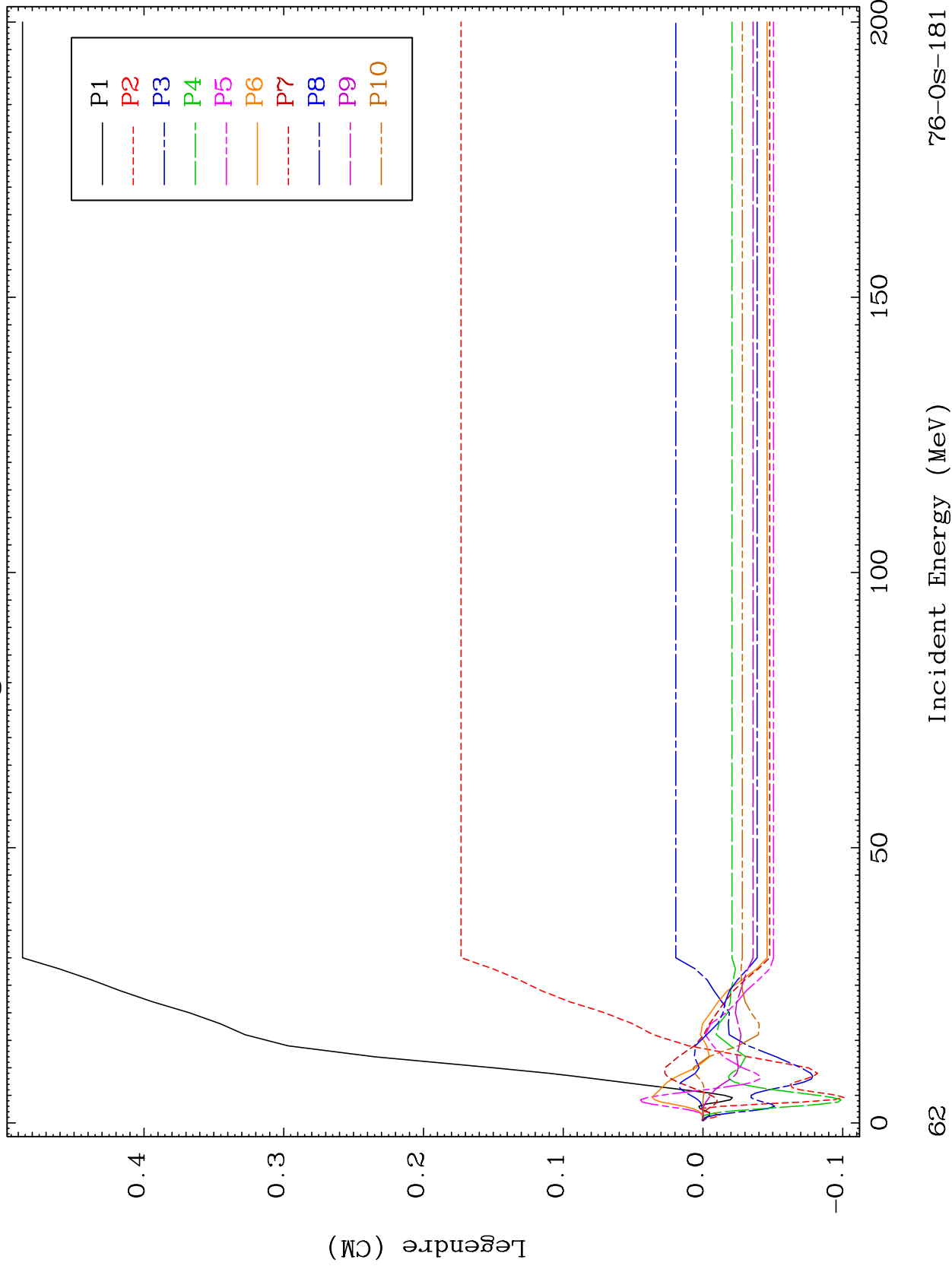
76-Os-181



MAT 7616

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

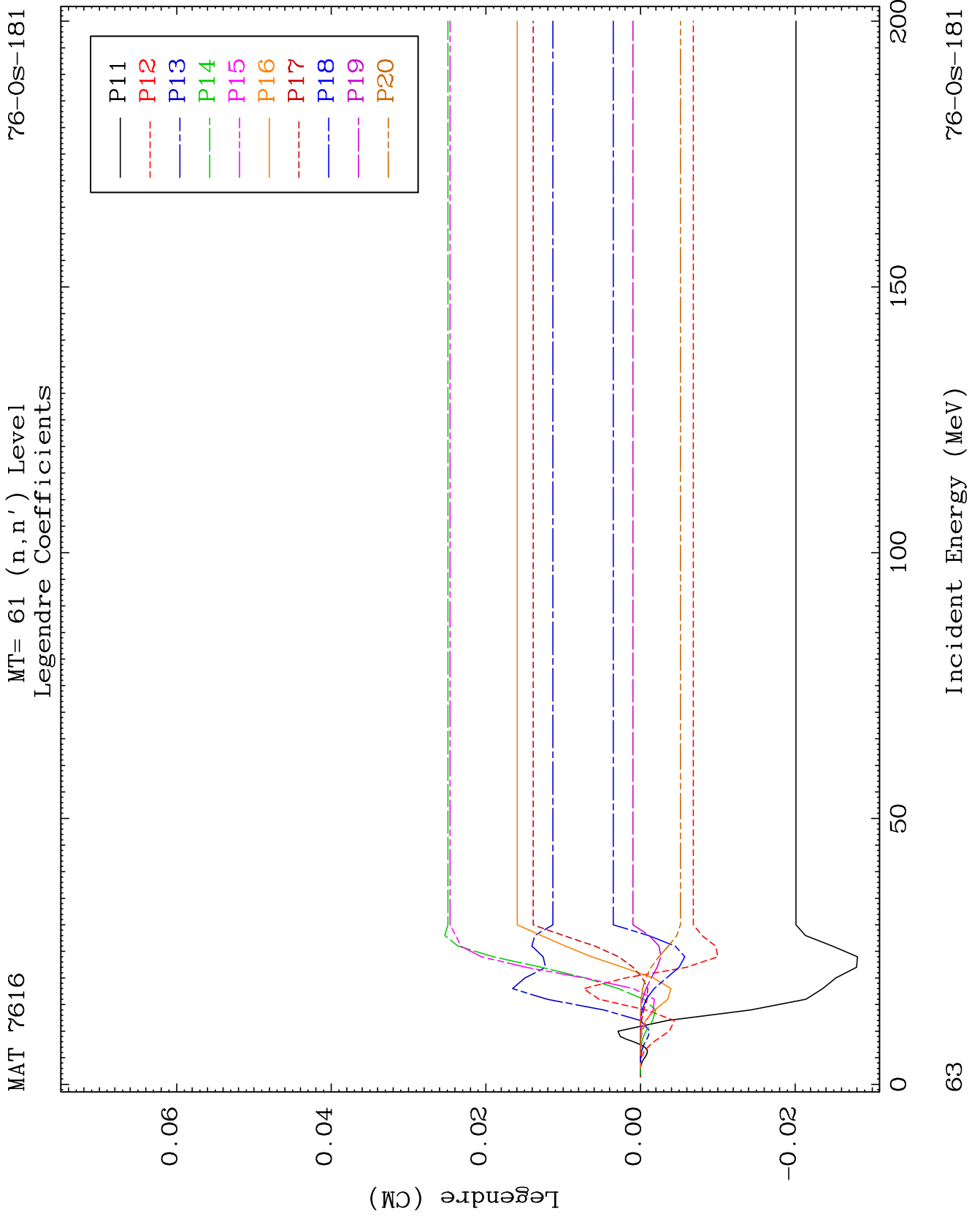
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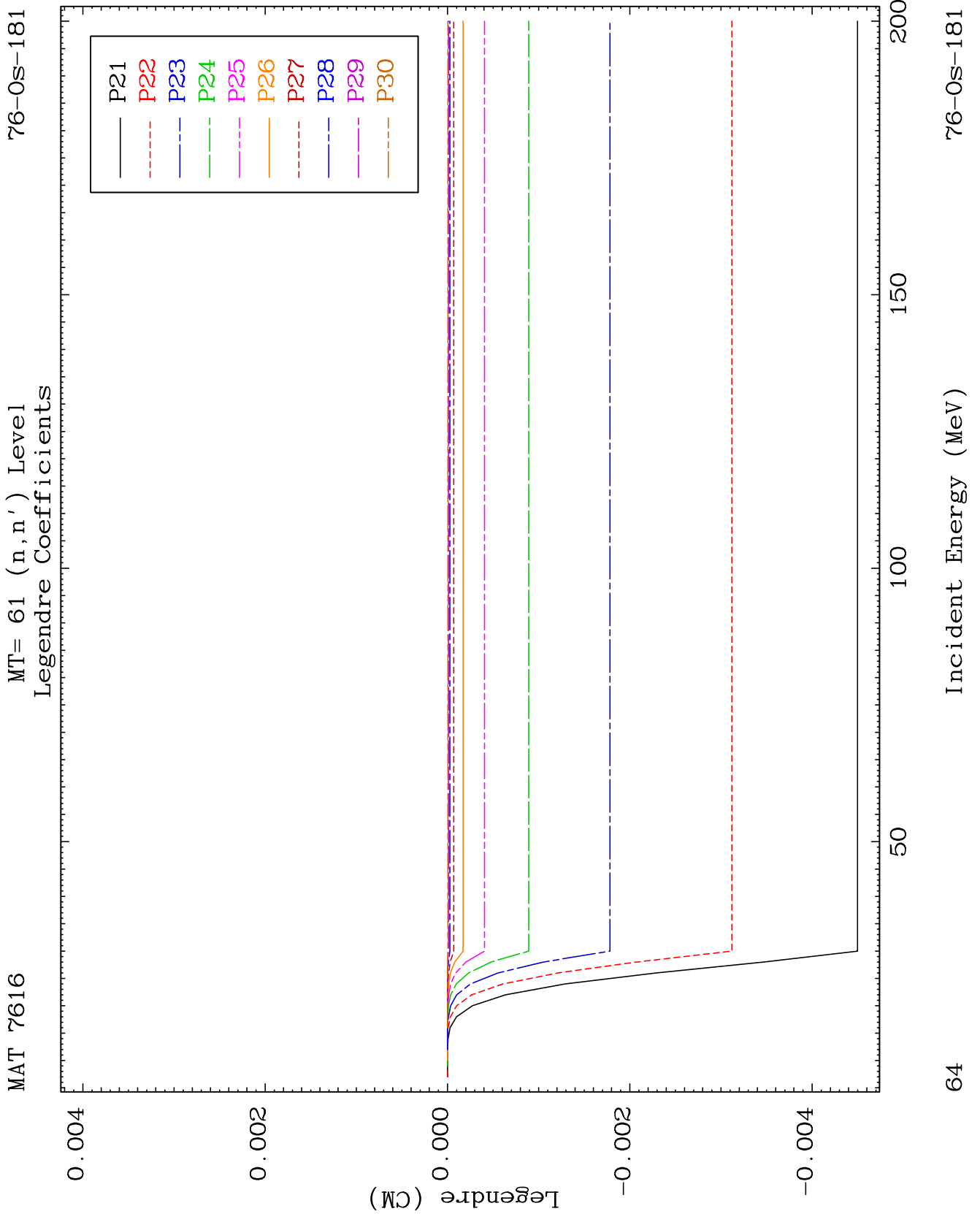


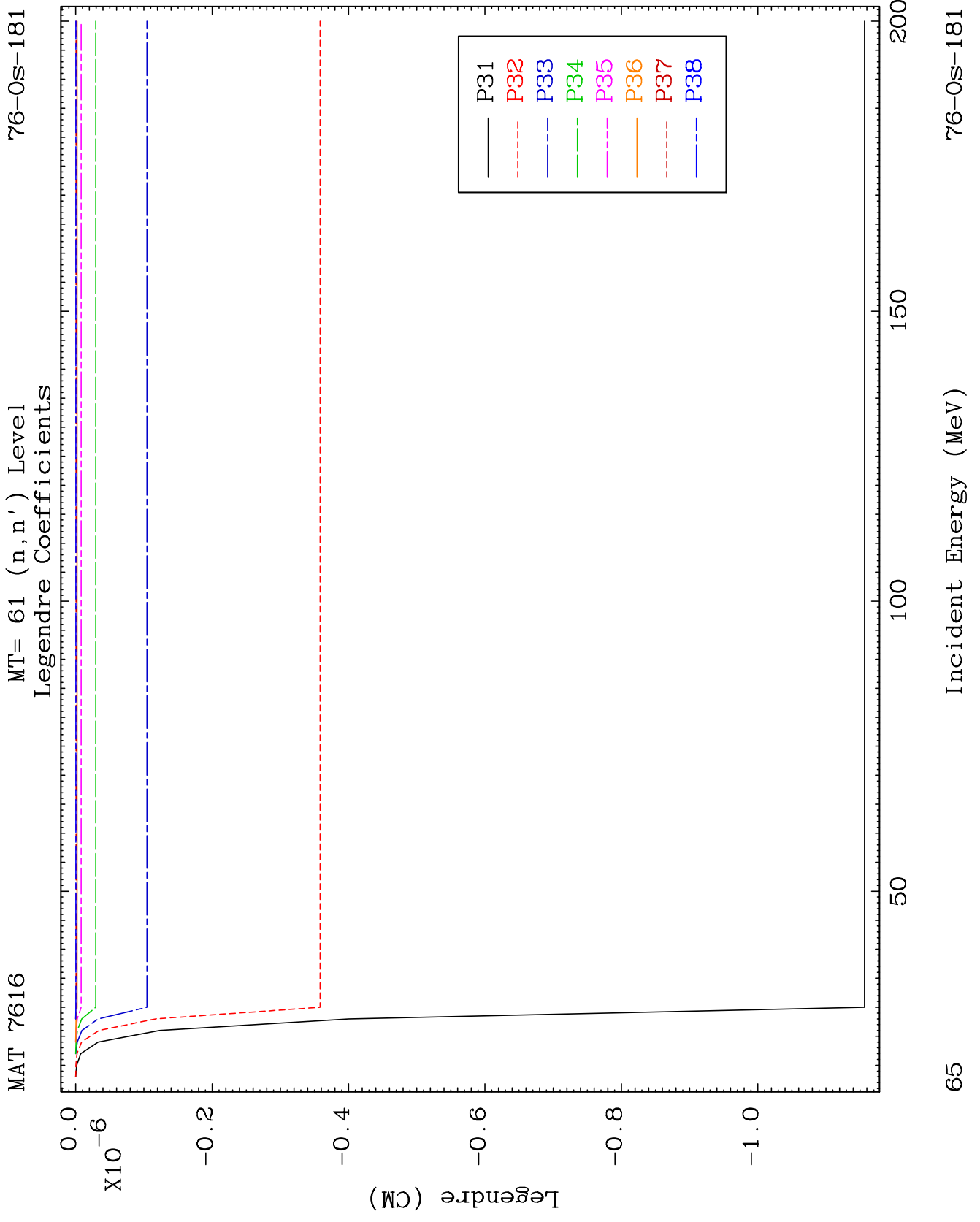
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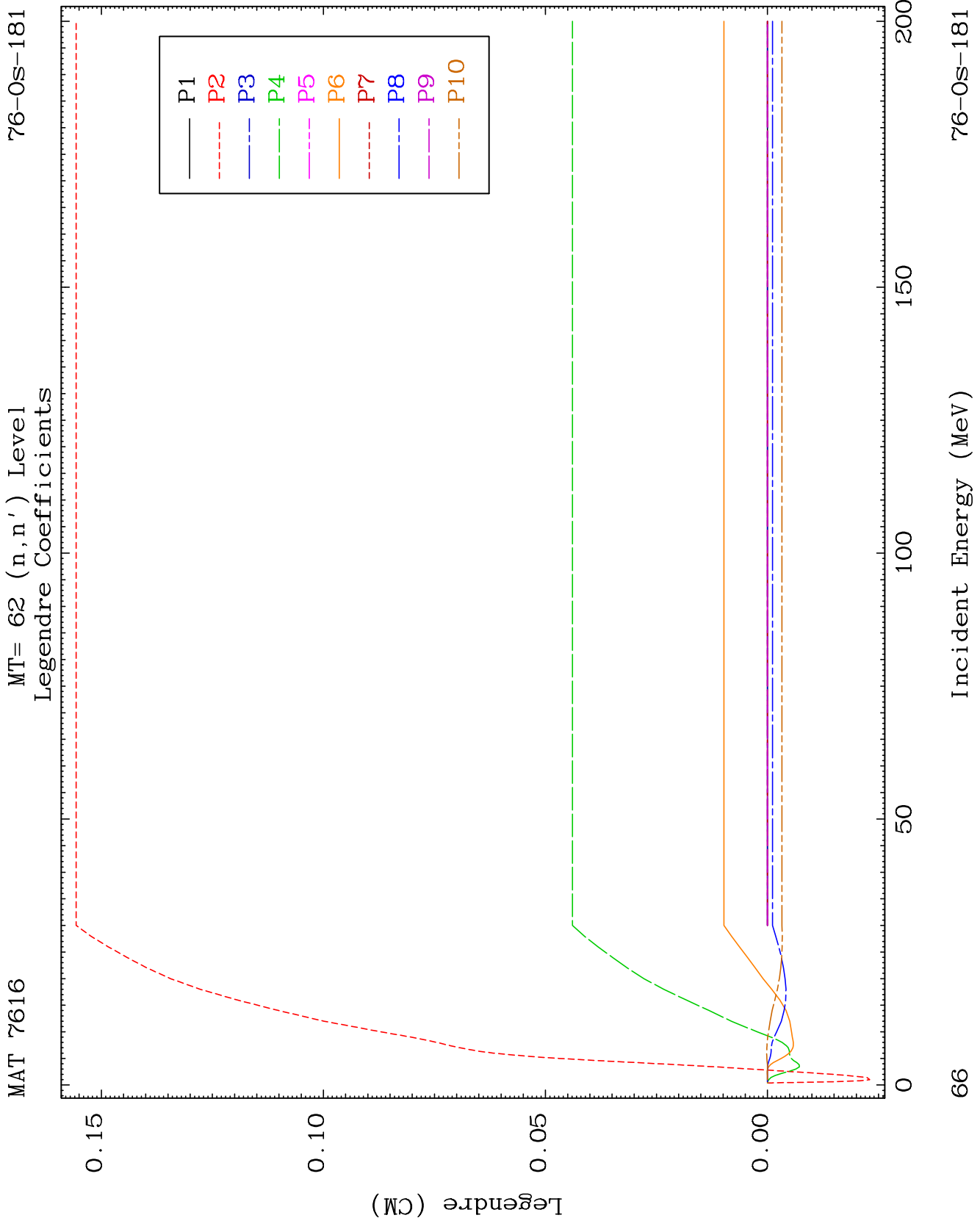
Incident Energy (MeV)

62







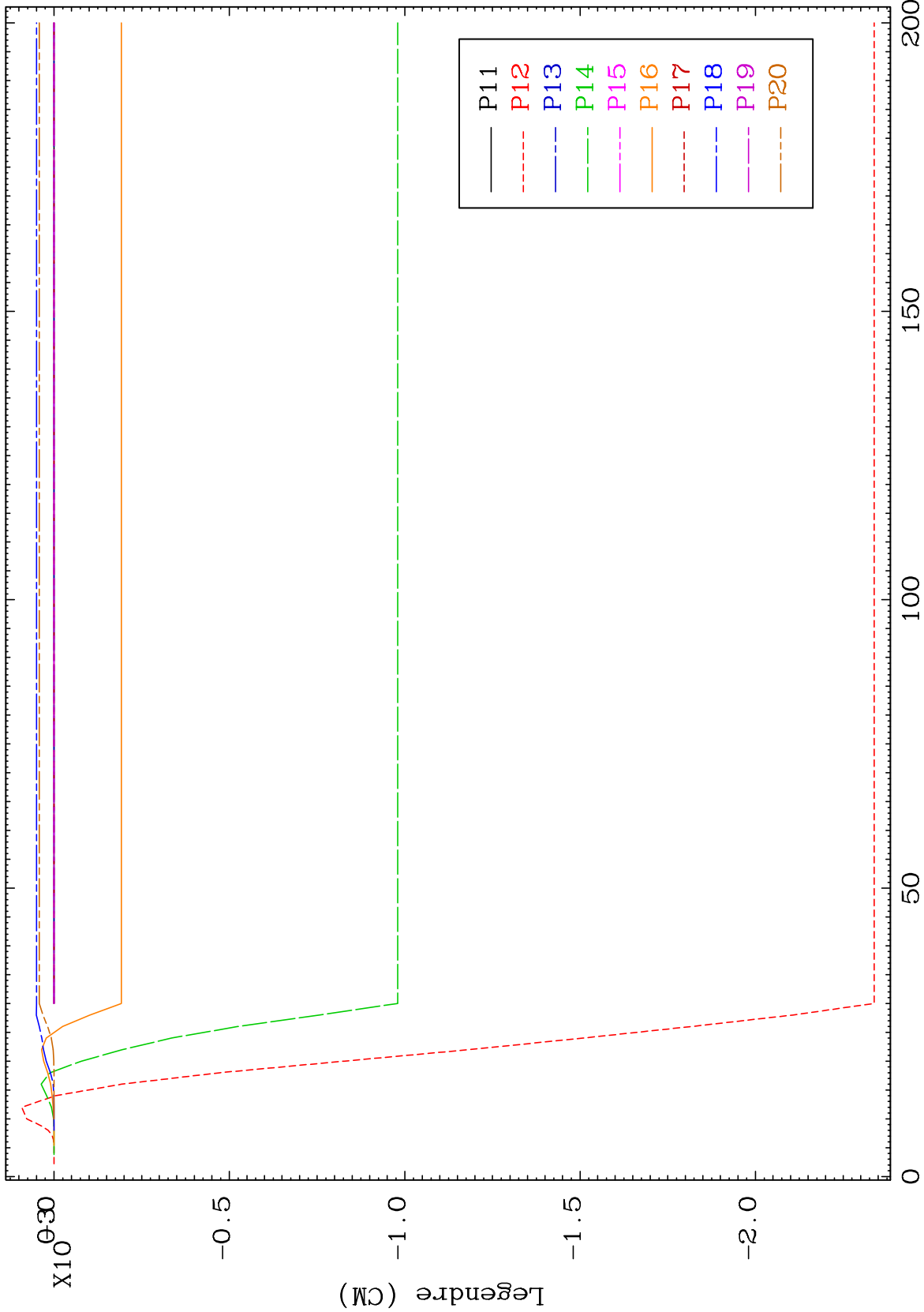


MAT 7616

MT= 62 (n,n') Level

76-Os-181

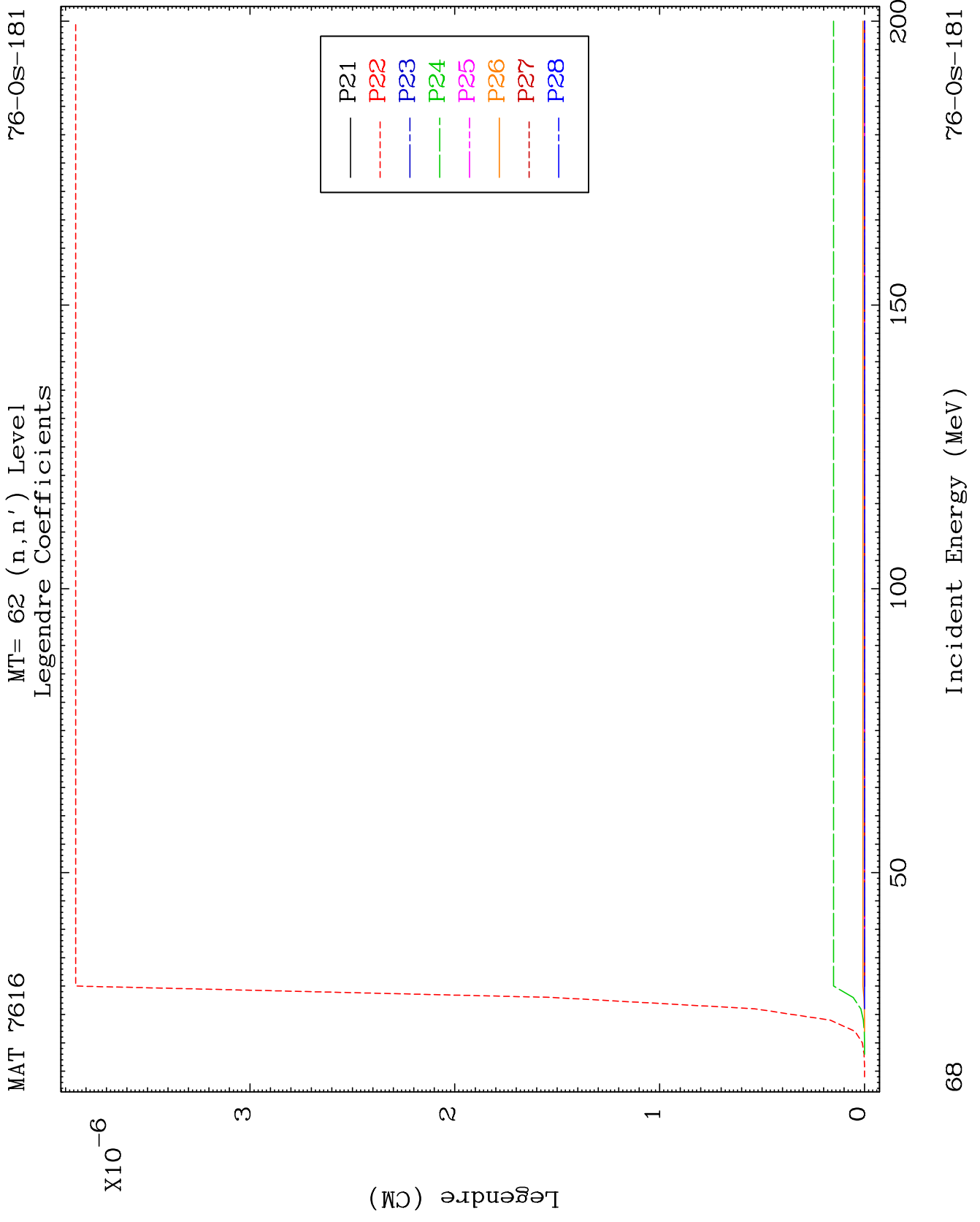
Legendre Coefficients



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Incident Energy (MeV)

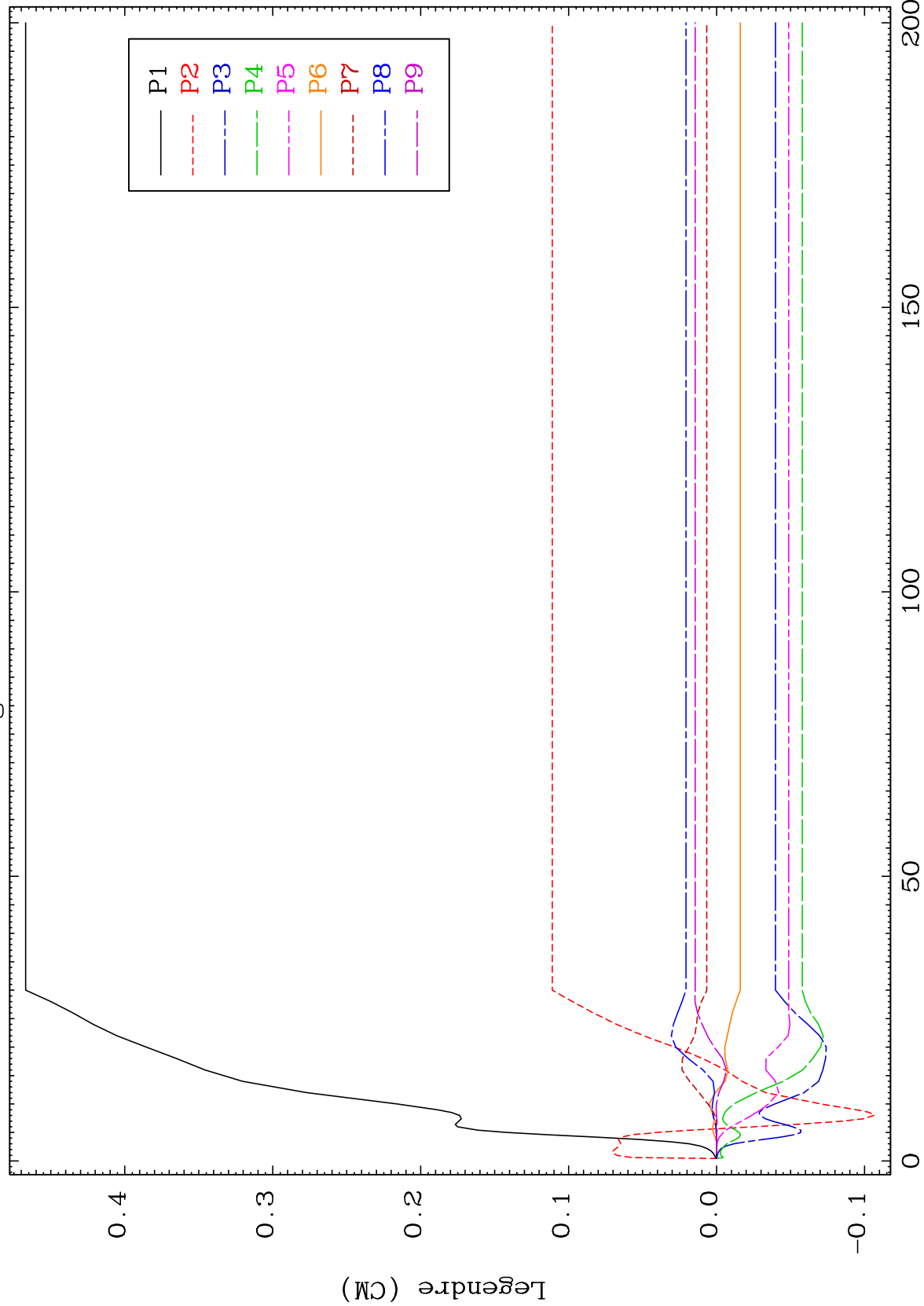
76-Os-181



MAT 7616

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

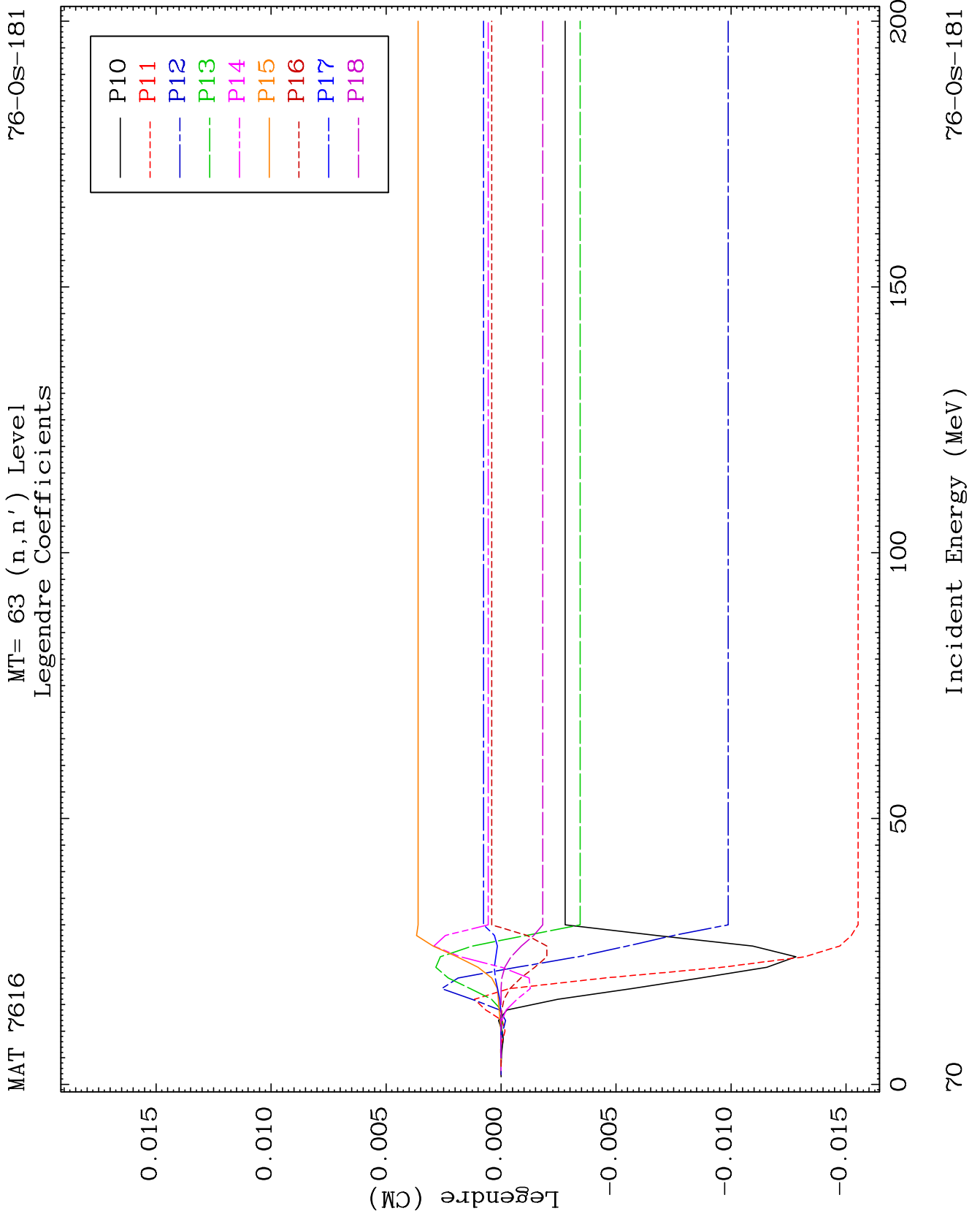
76-Os-181



69

Incident Energy (MeV)

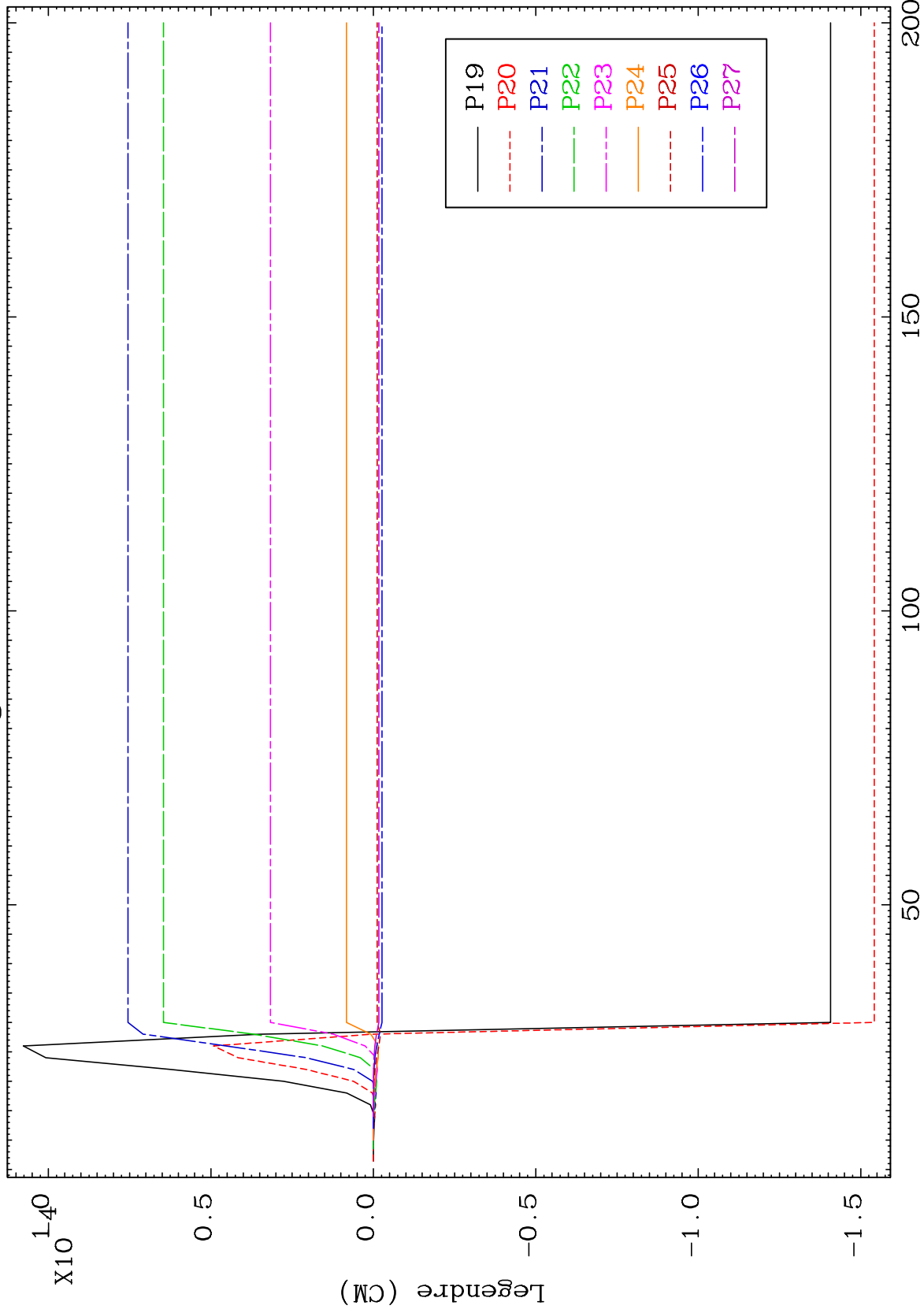
76-Os-181



MAT 7616

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

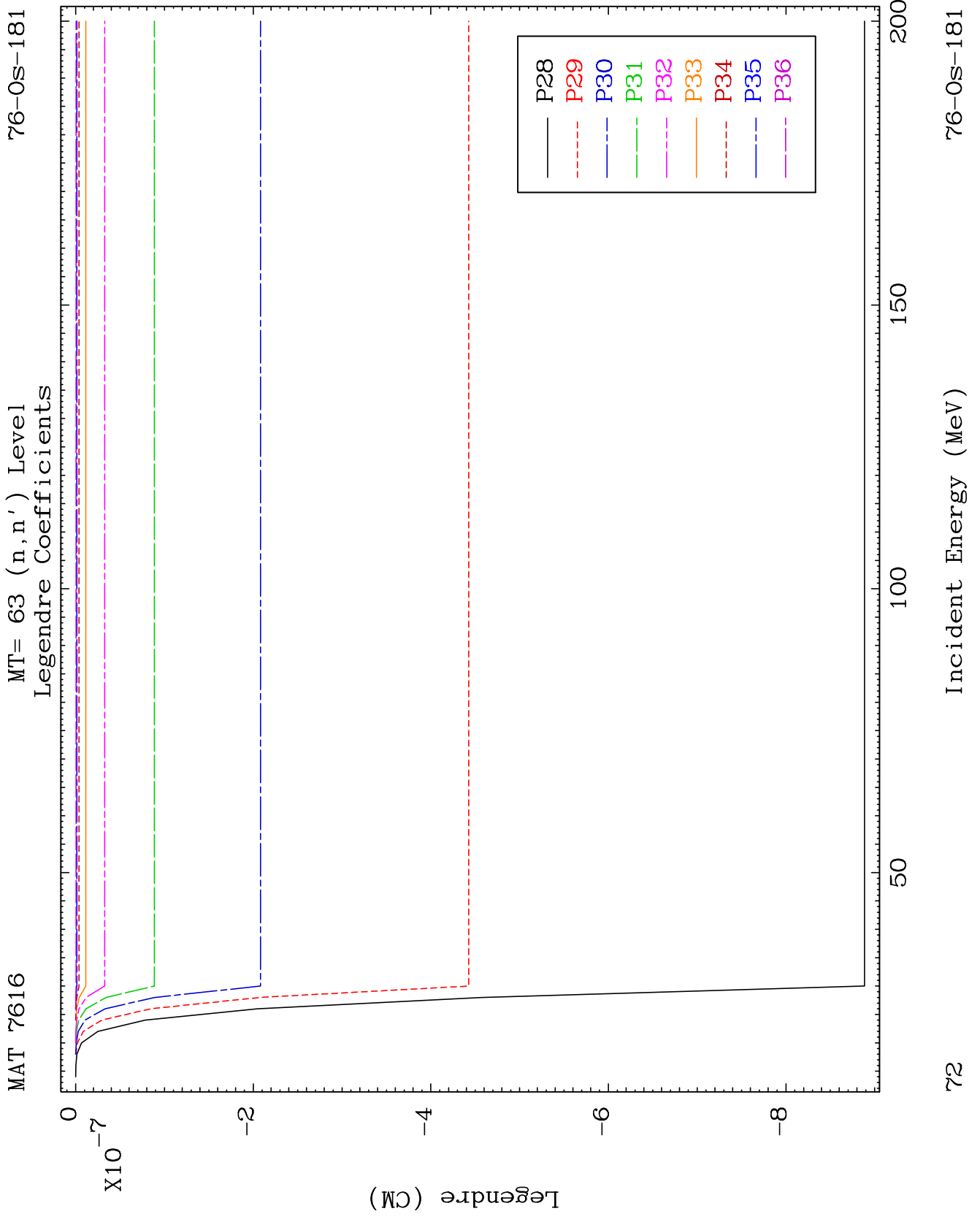
76-Os-181

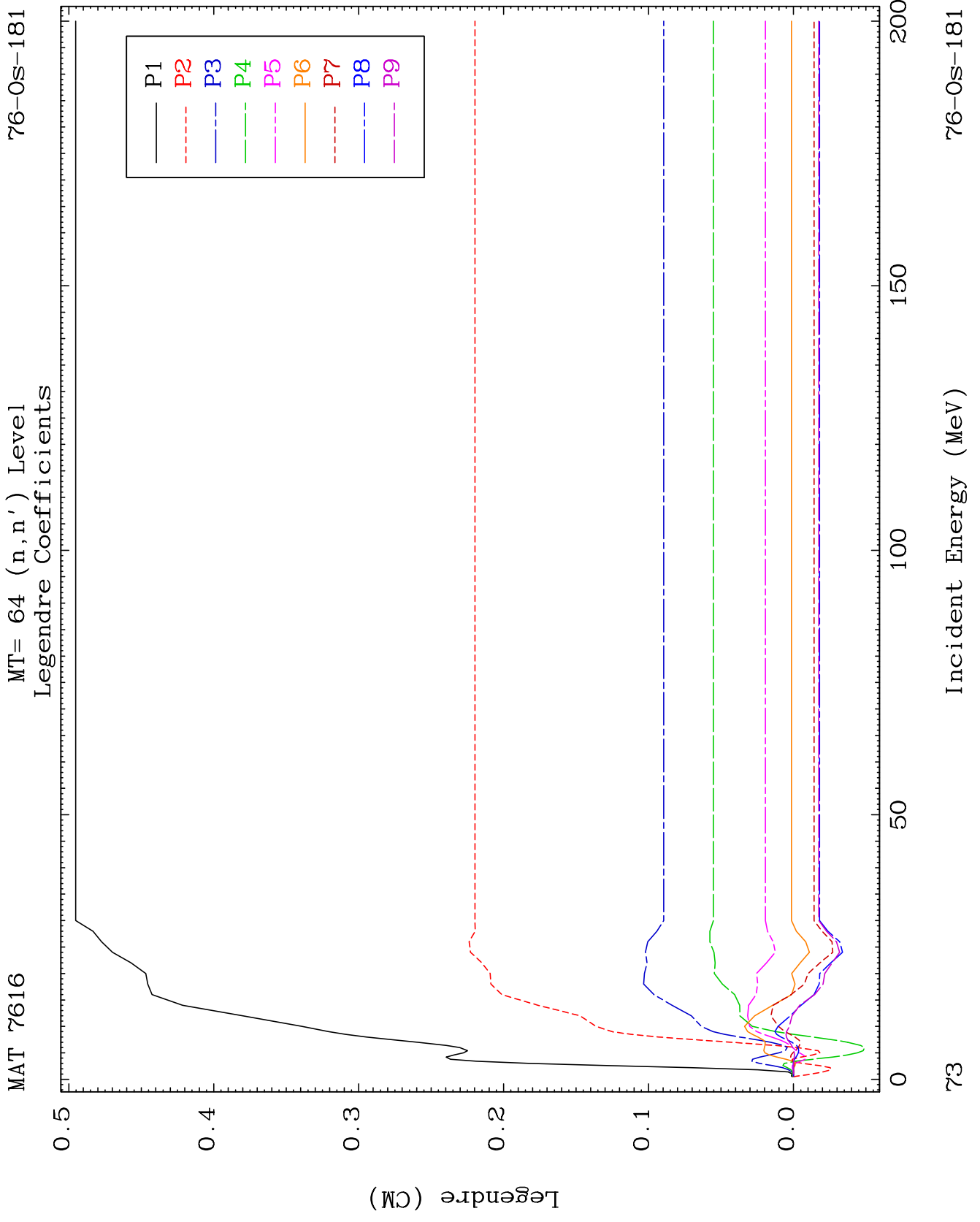


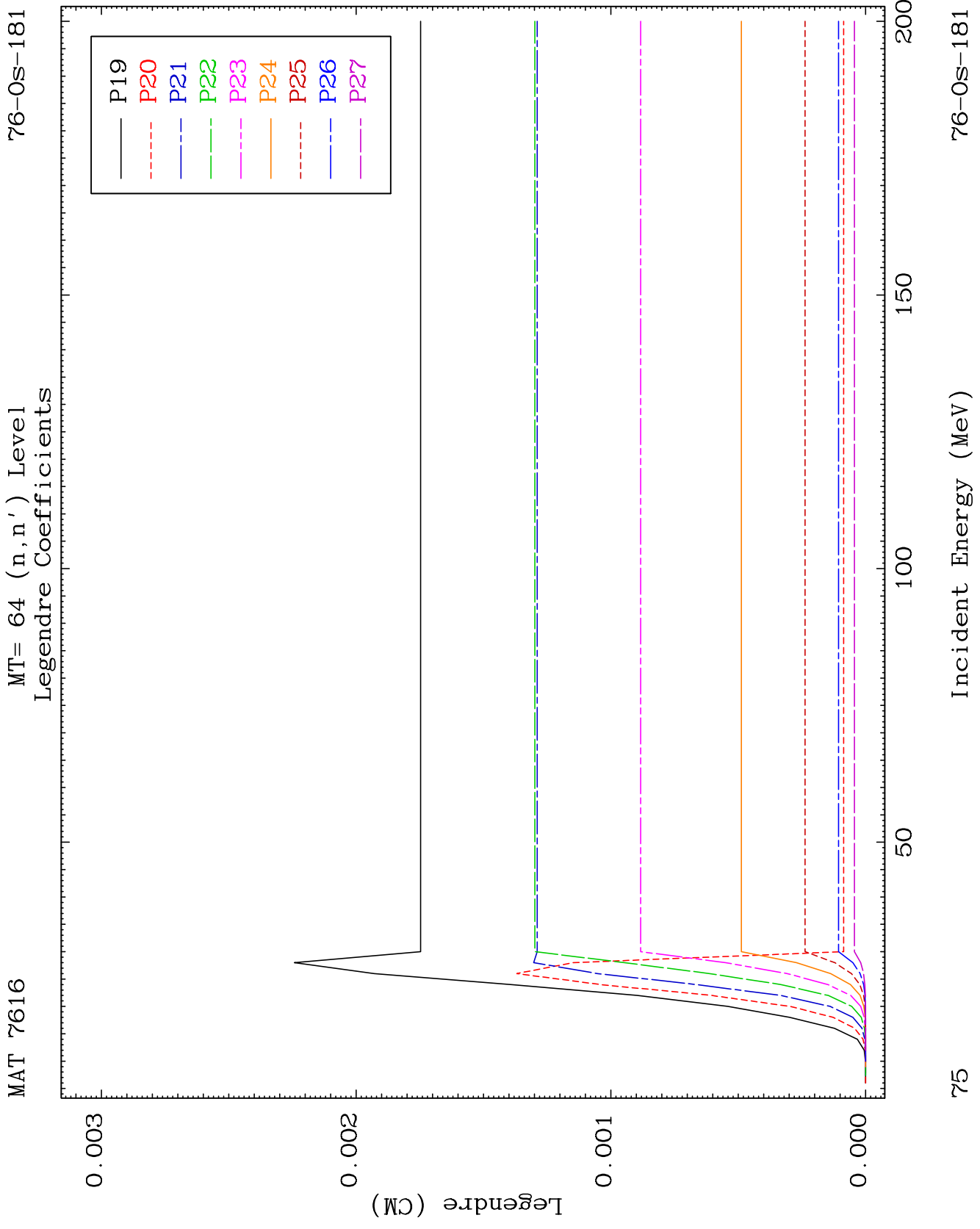
71

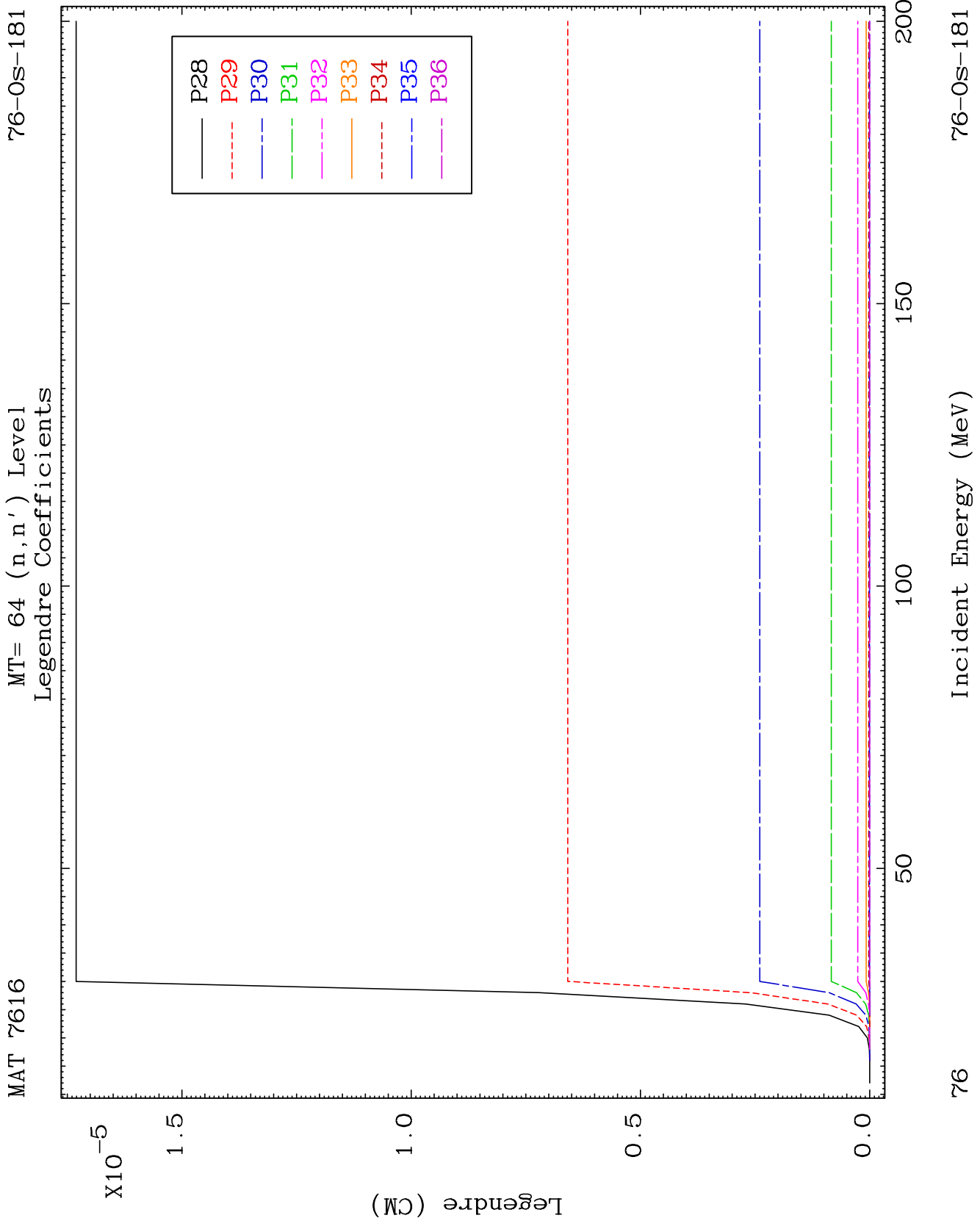
Incident Energy (MeV)

76-Os-181





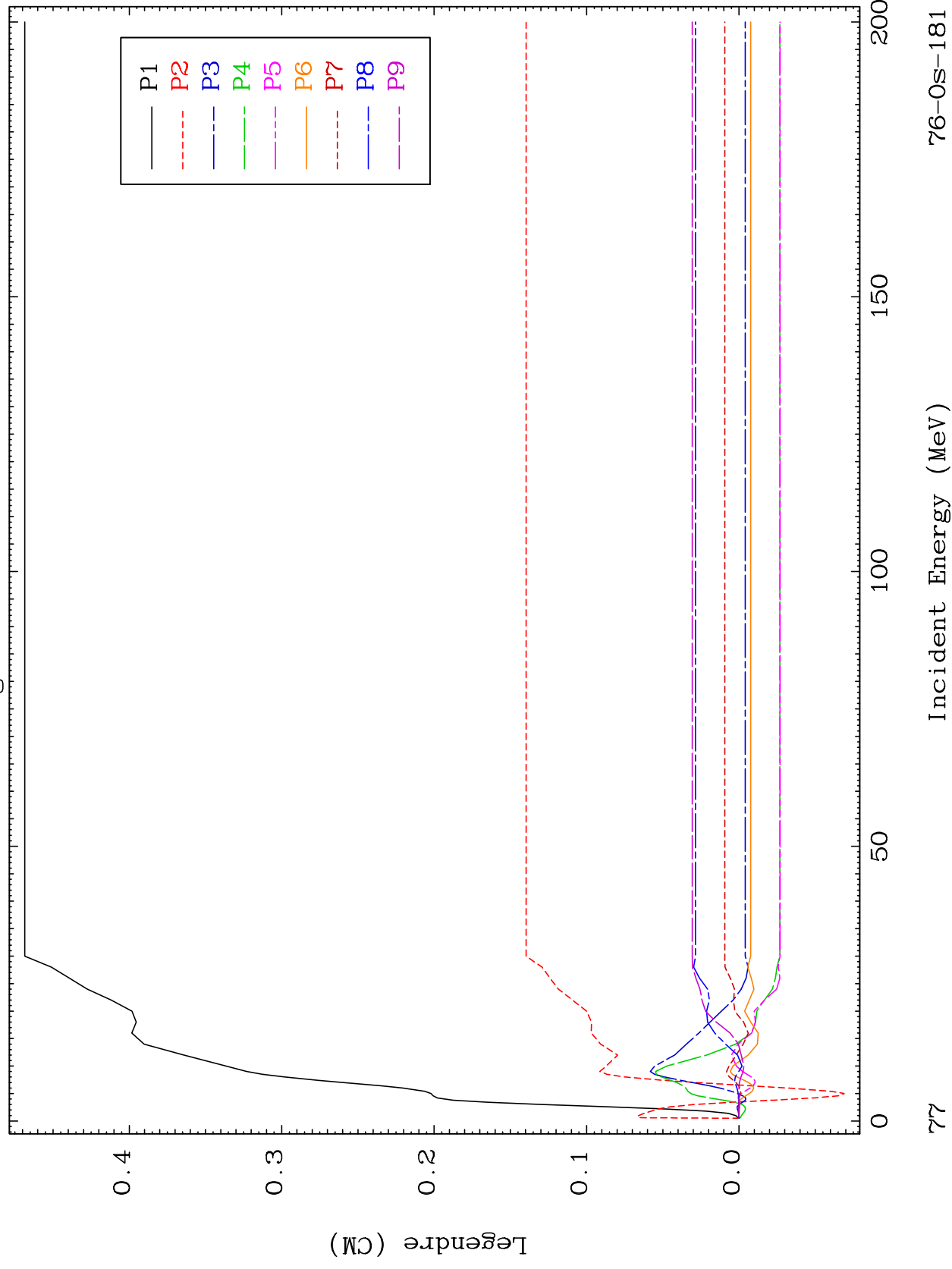




MAT 7616

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

76-Os-181



77

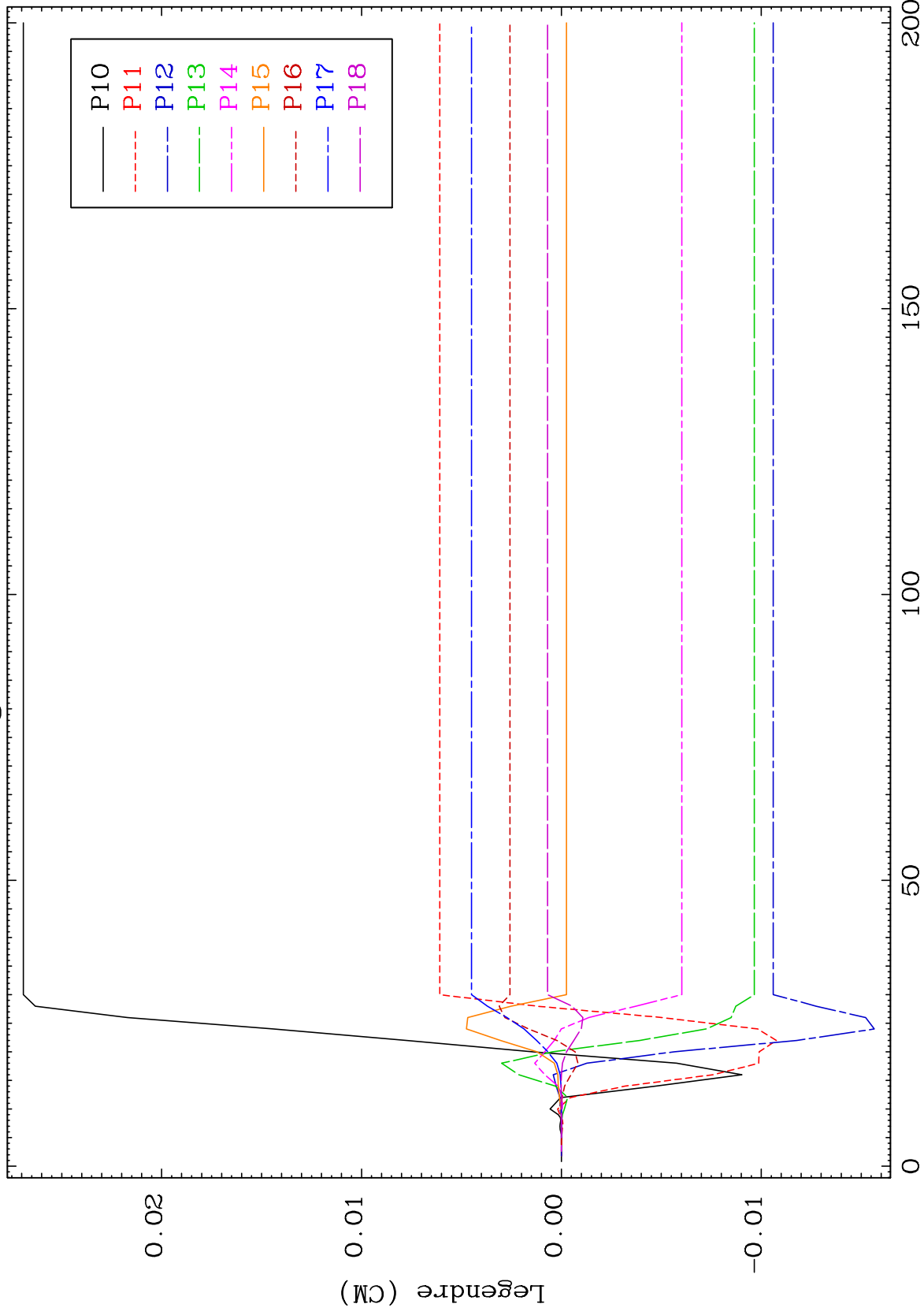
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



78

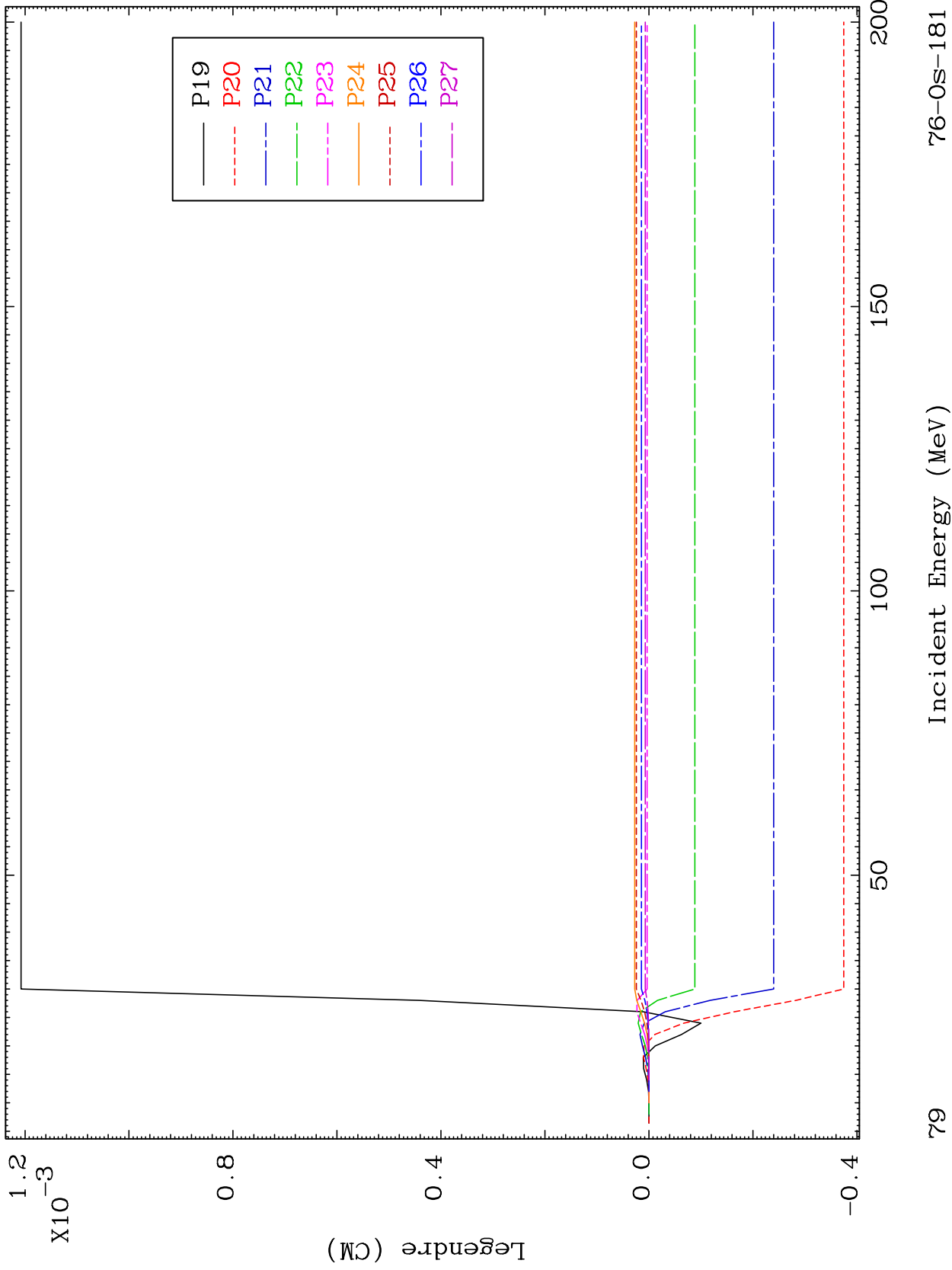
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



79

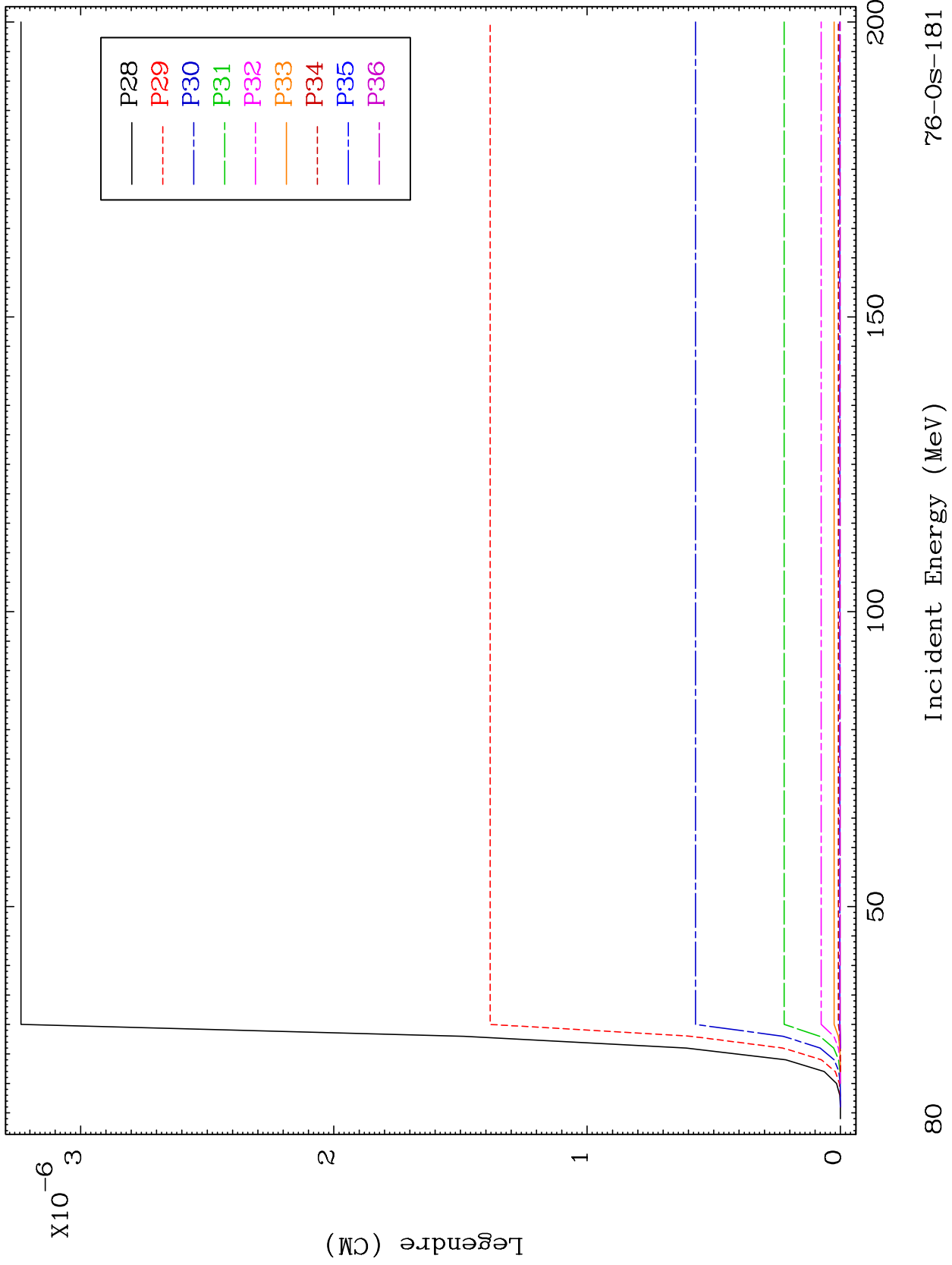
Incident Energy (MeV)

76-Os-181

MAT 7616

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

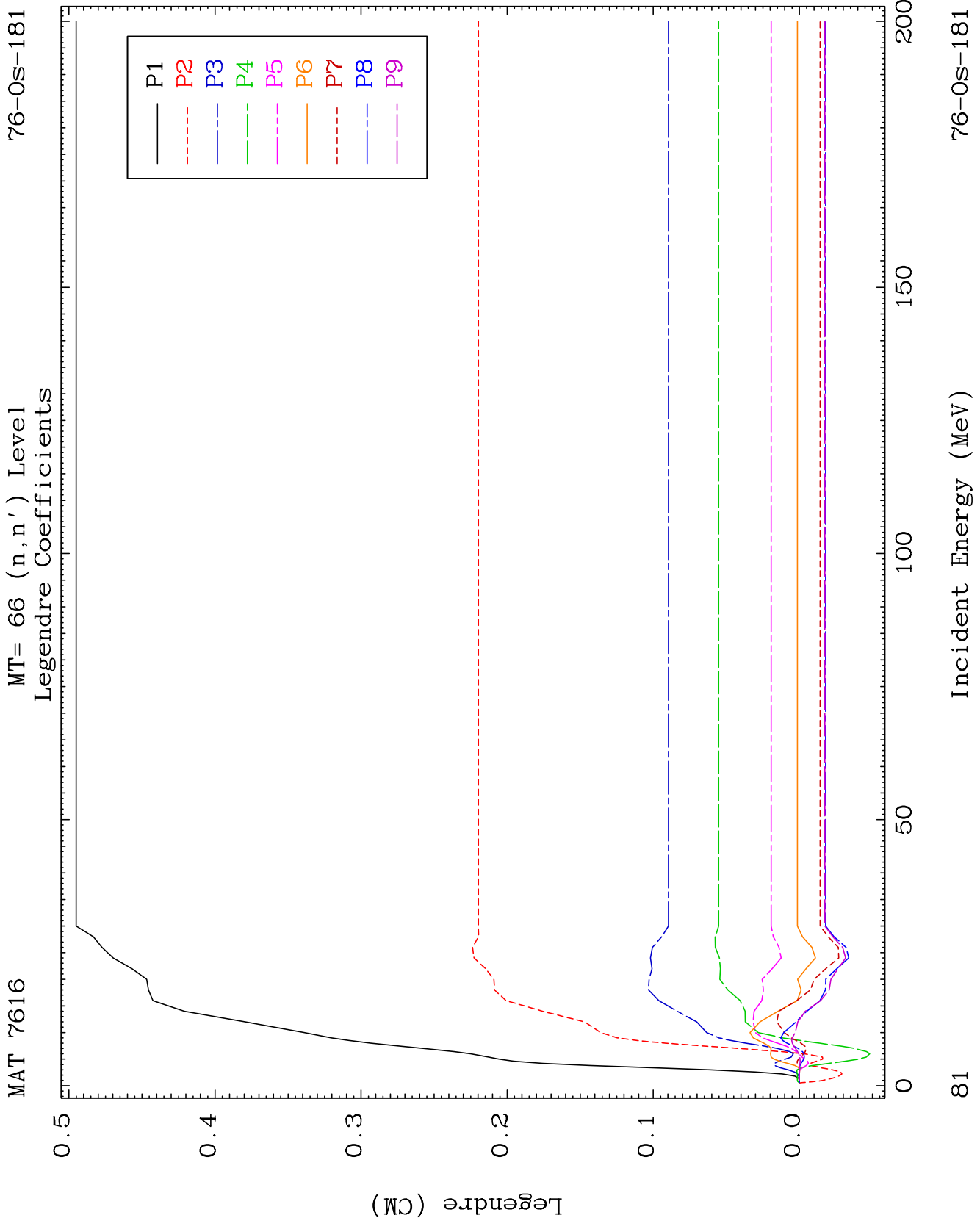
76-Os-181

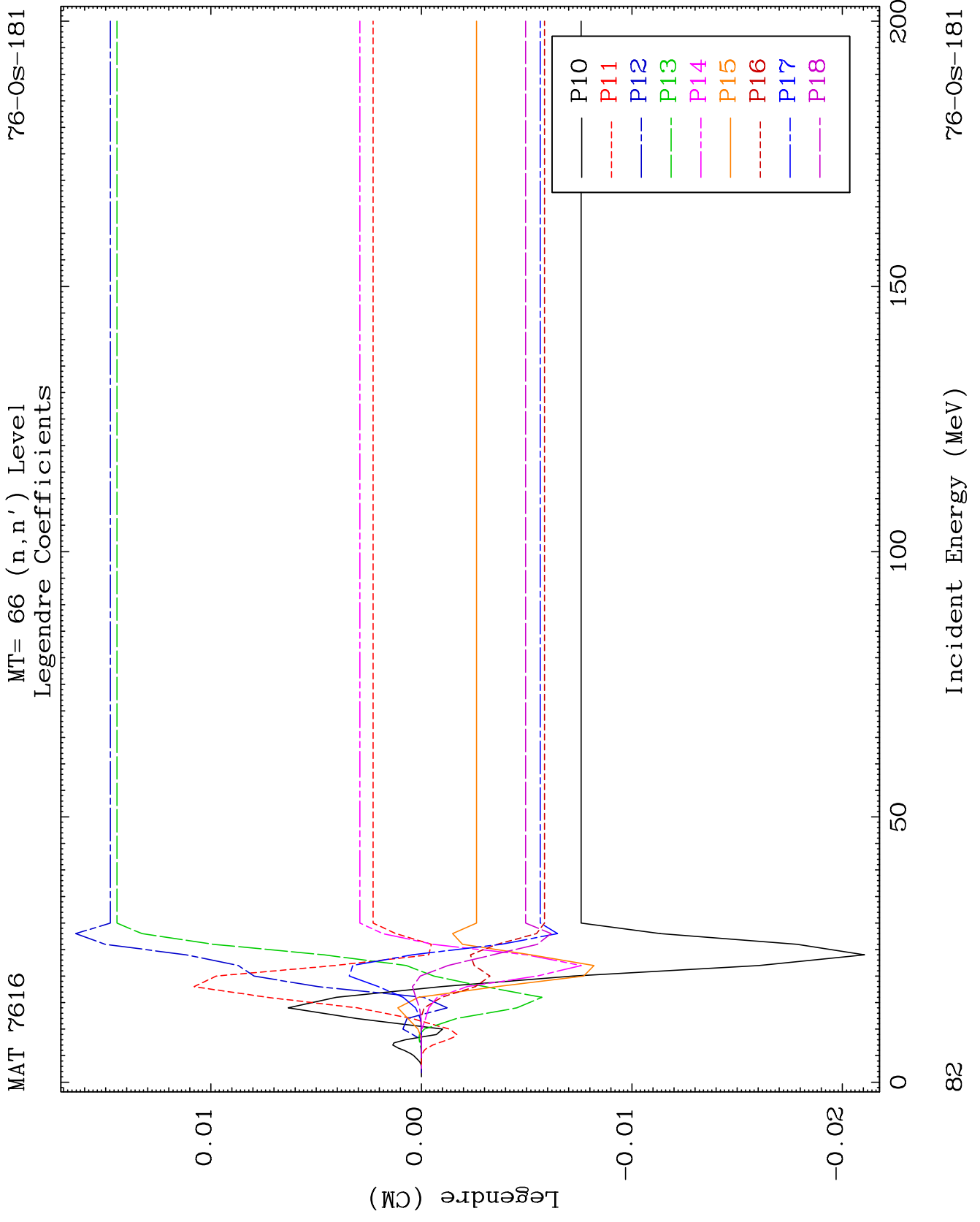


80

Incident Energy (MeV)

76-Os-181

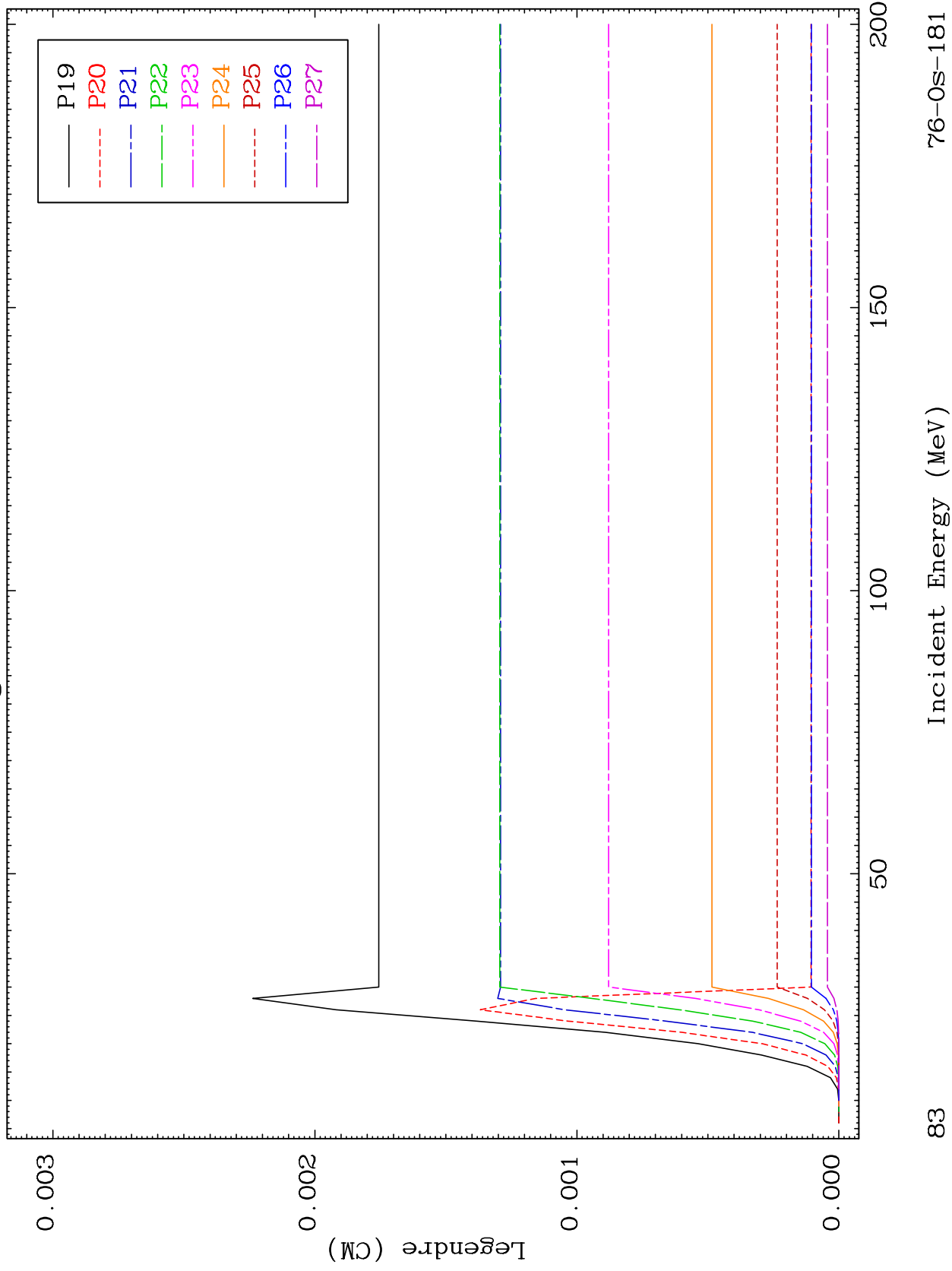




MAT 7616

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

76-Os-181



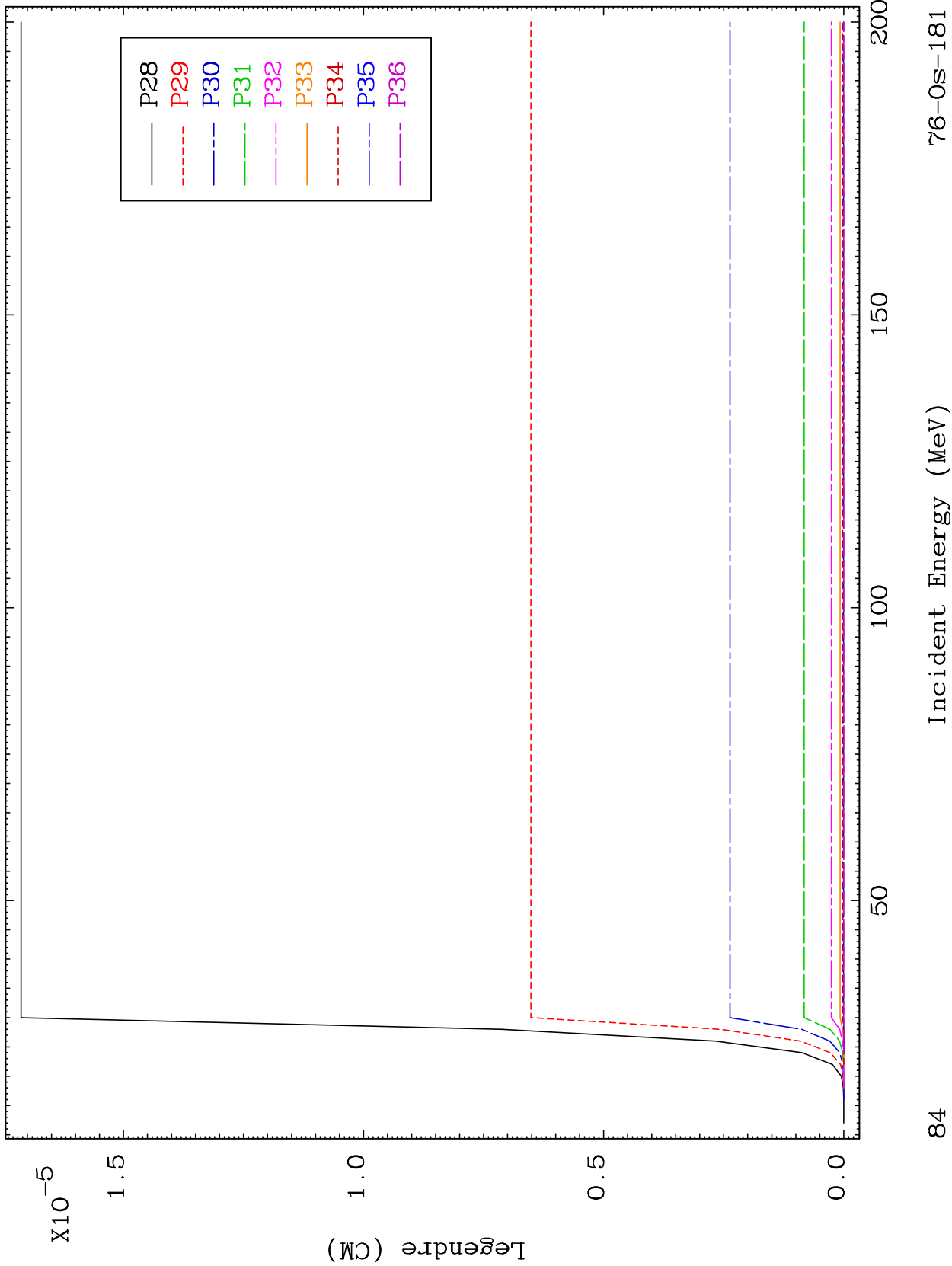
83

76-Os-181

MAT 7616

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

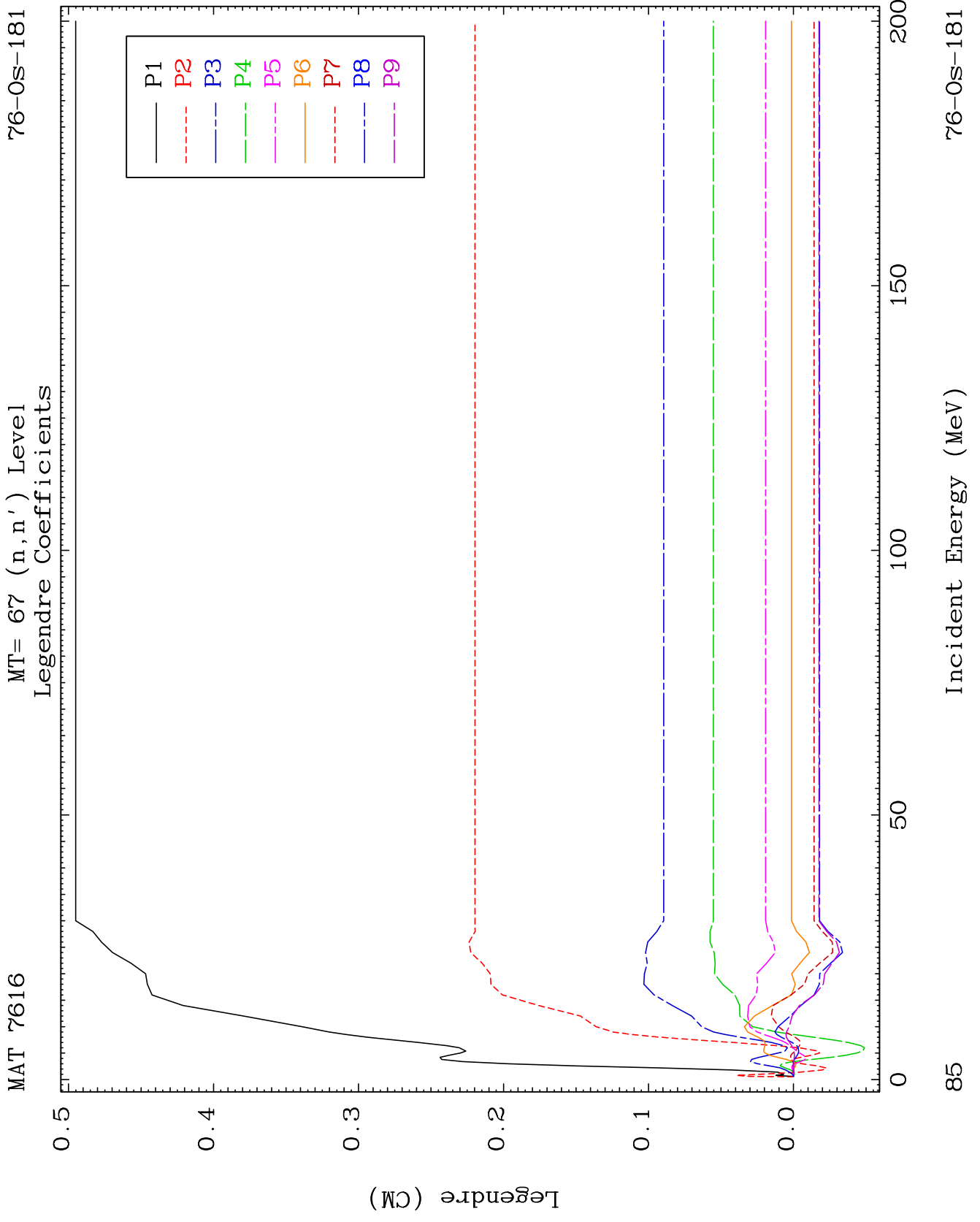
76-Os-181



84

Incident Energy (MeV)

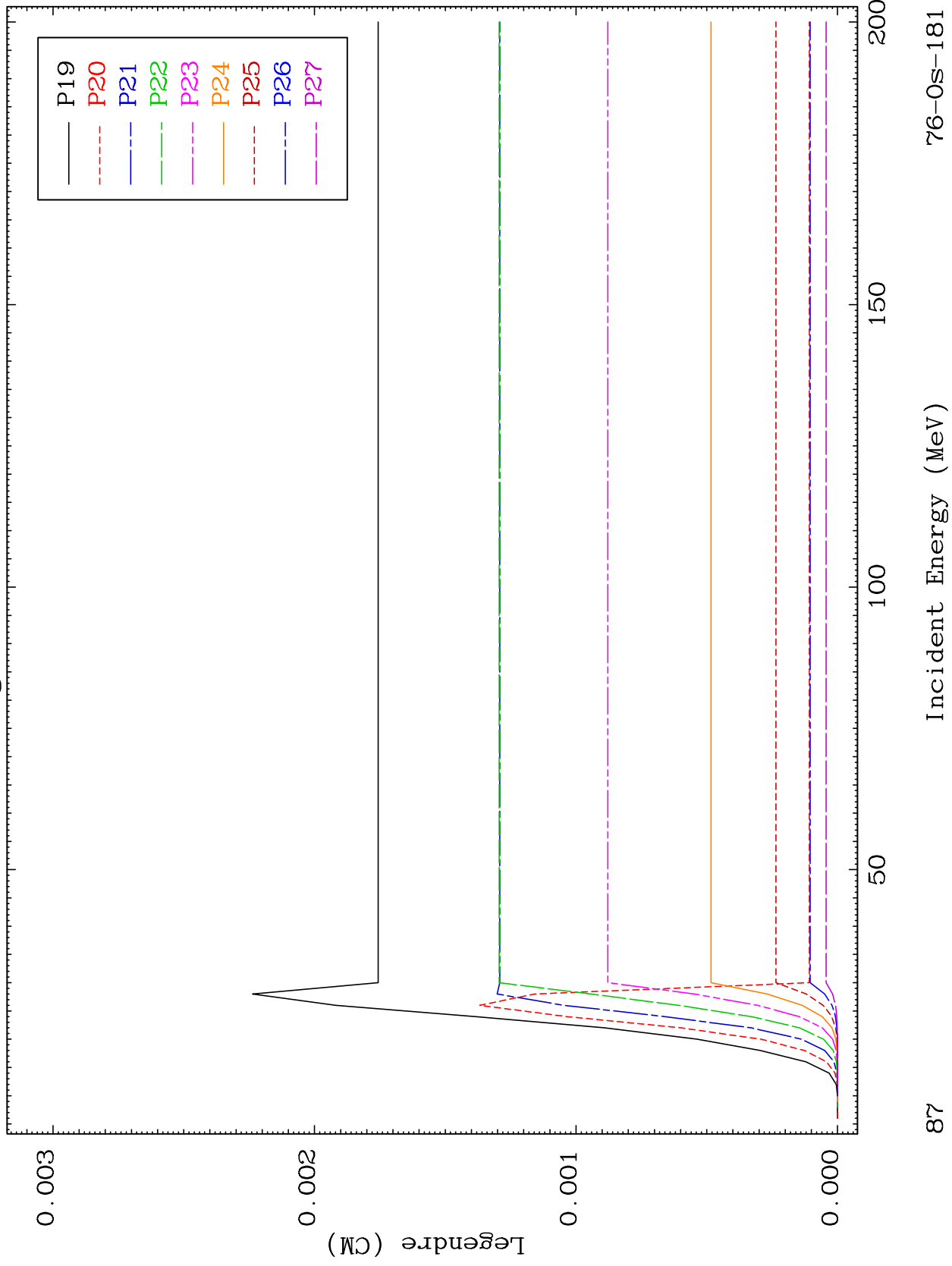
76-Os-181



MAT 7616

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

76-Os-181



87

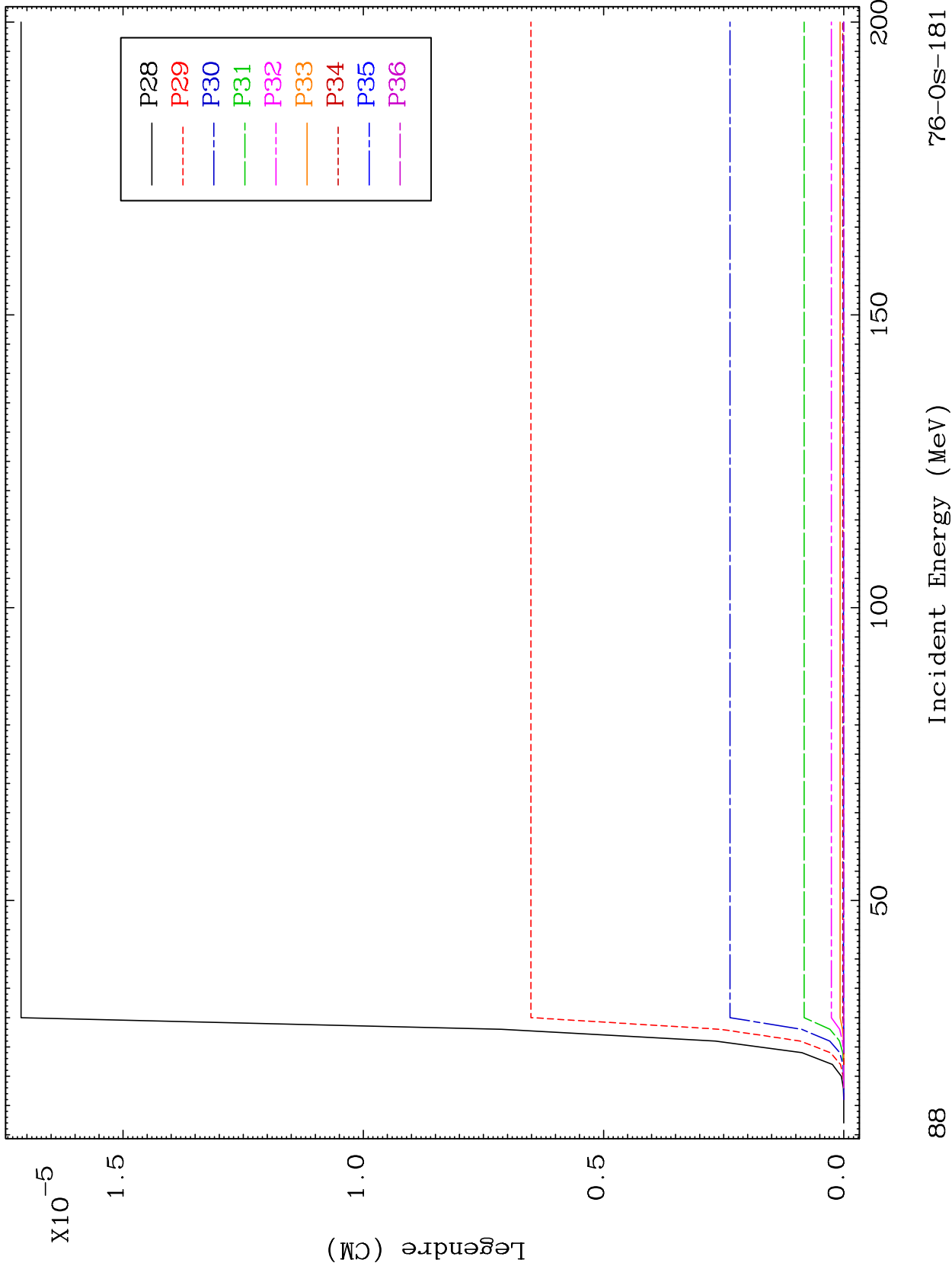
Incident Energy (MeV)

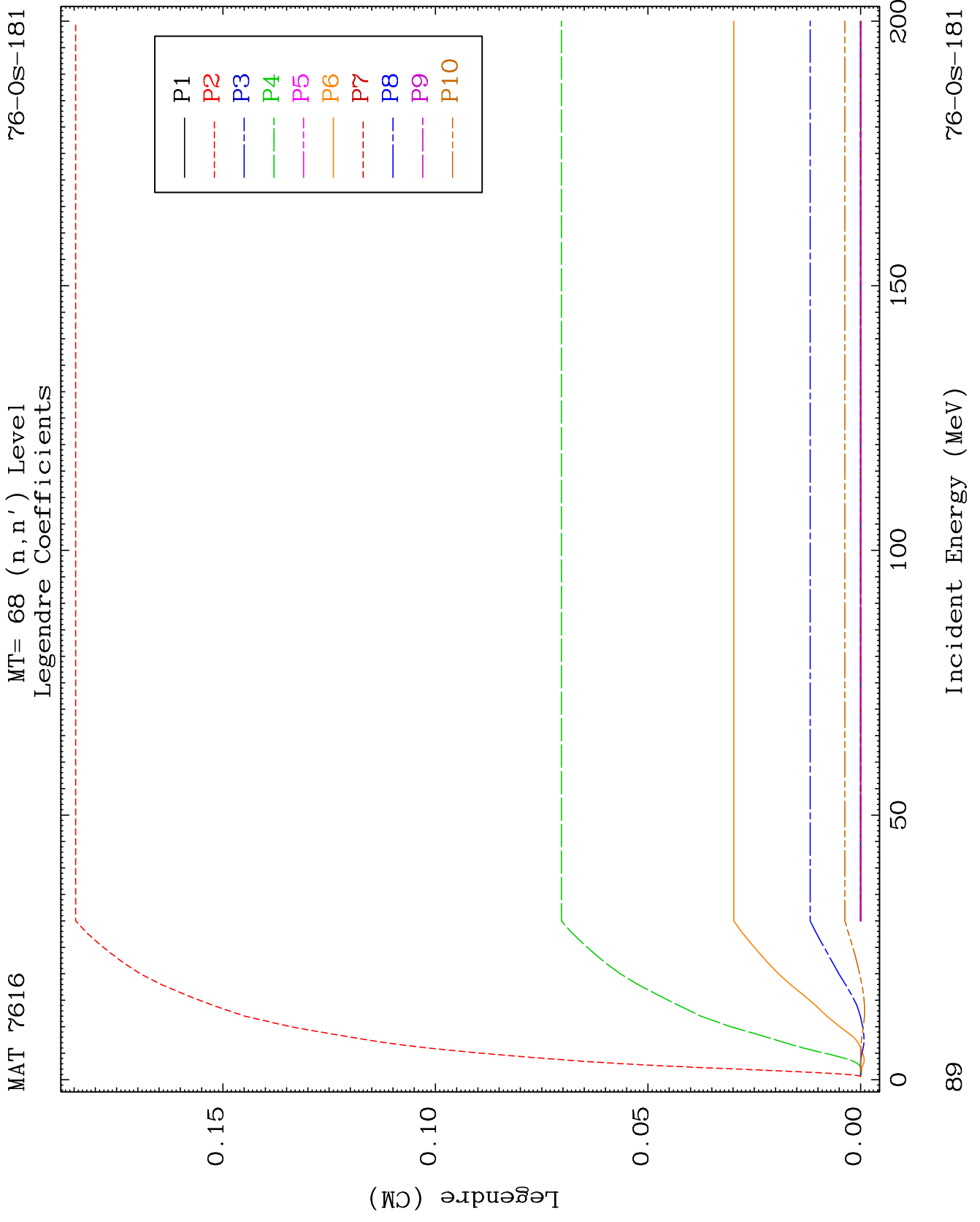
76-Os-181

MAT 7616

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

76-Os-181

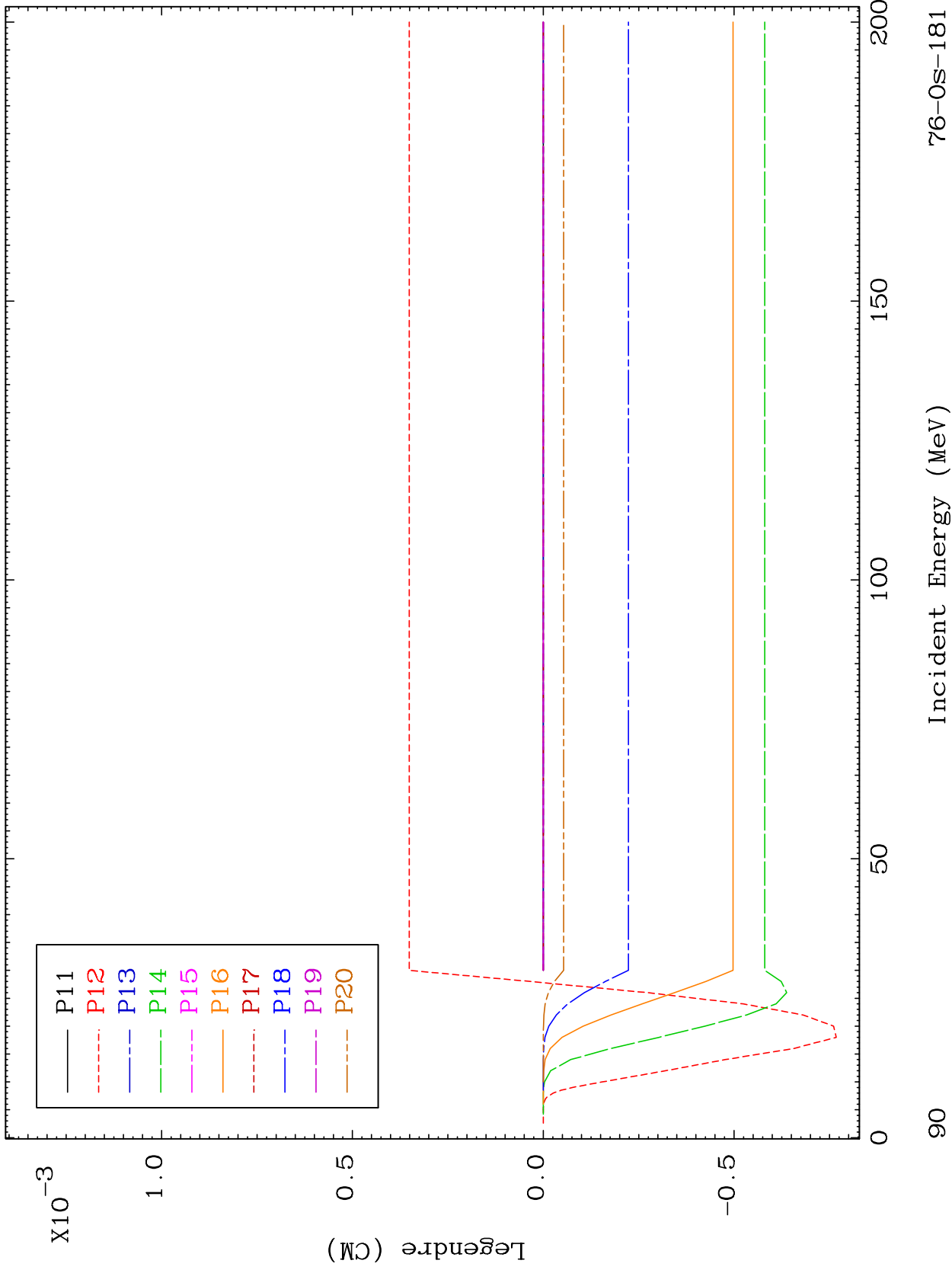




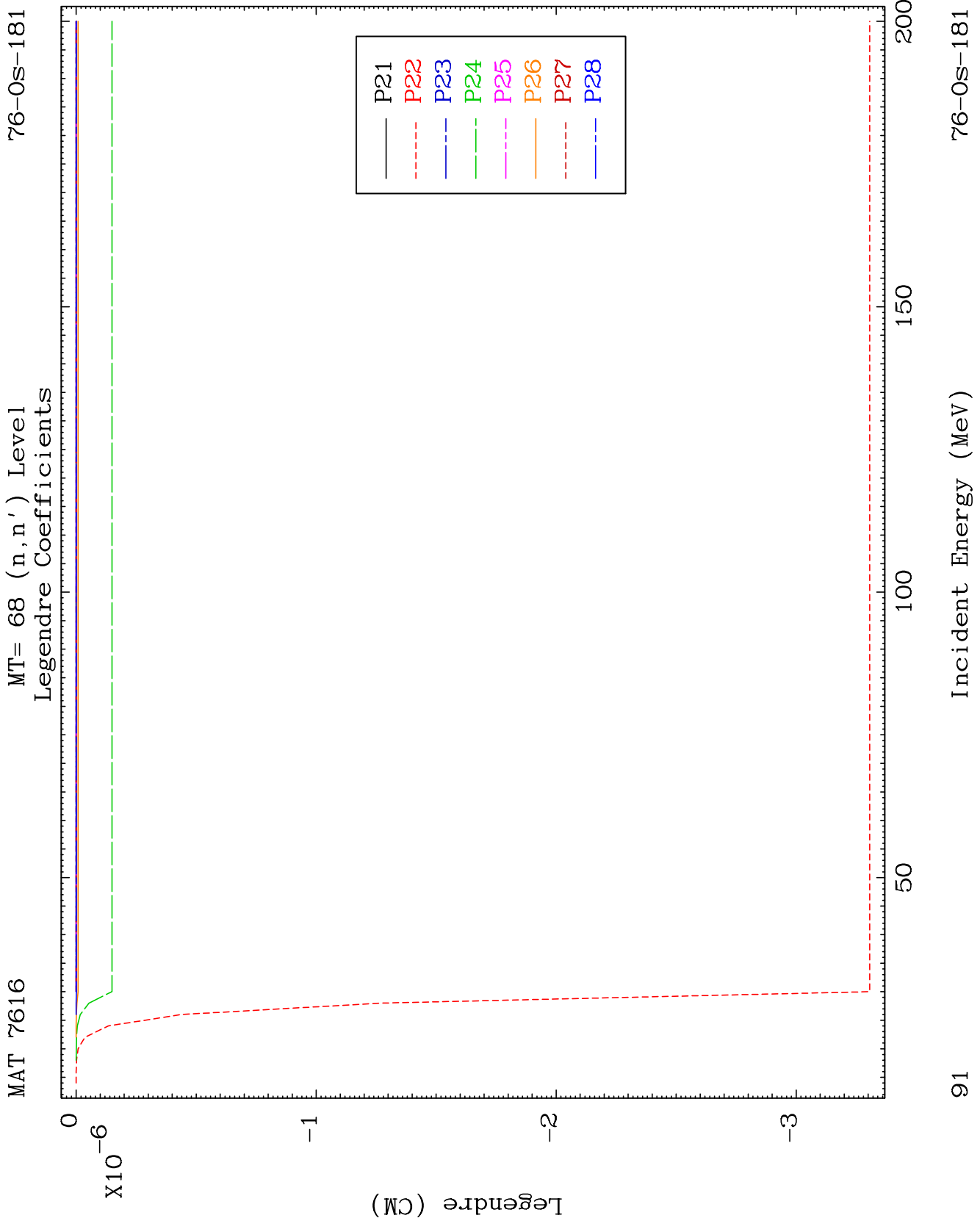
MAT 7616

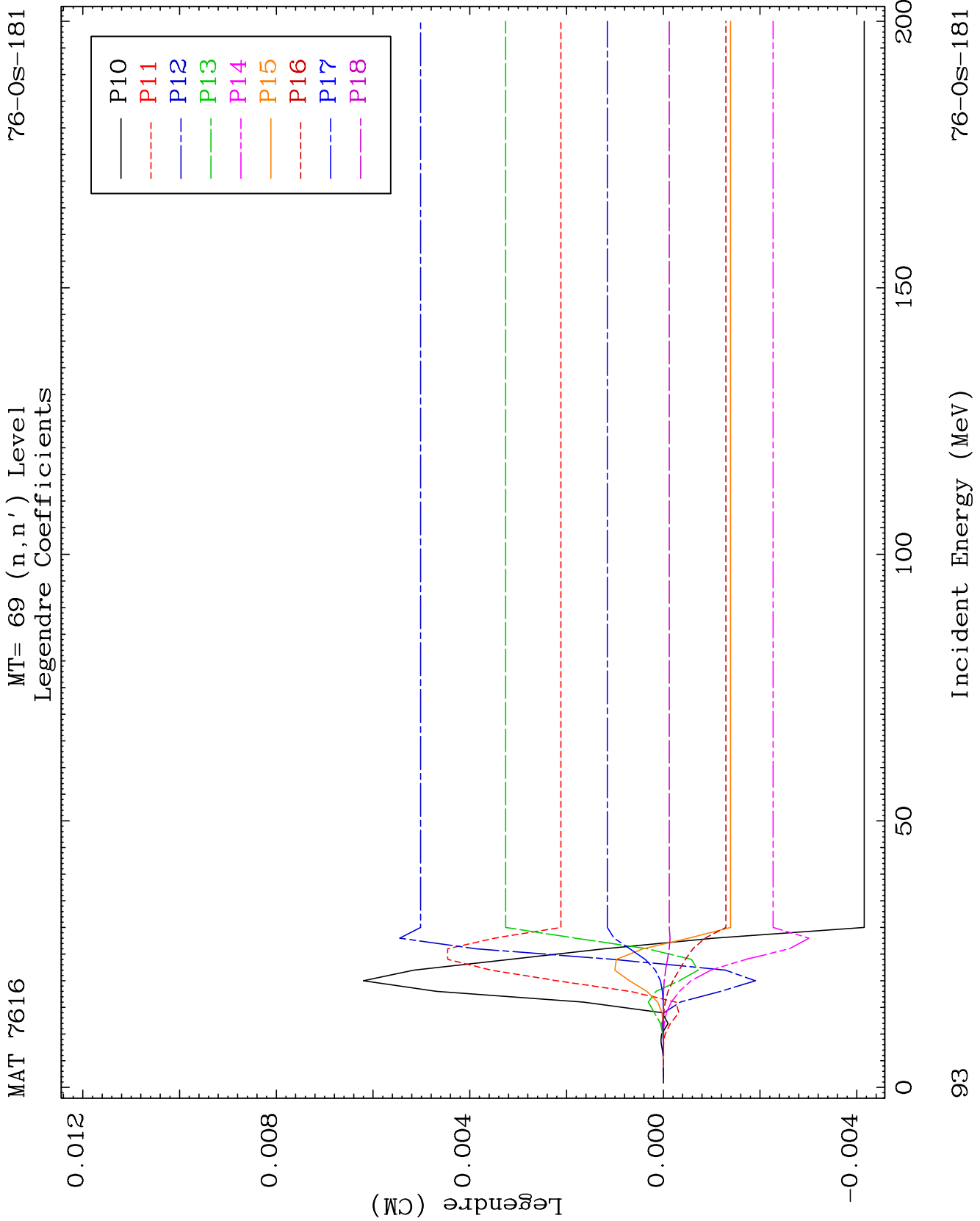
MT= 68 (n,n') Level
Legendre Coefficients

76-Os-181



76-Os-181

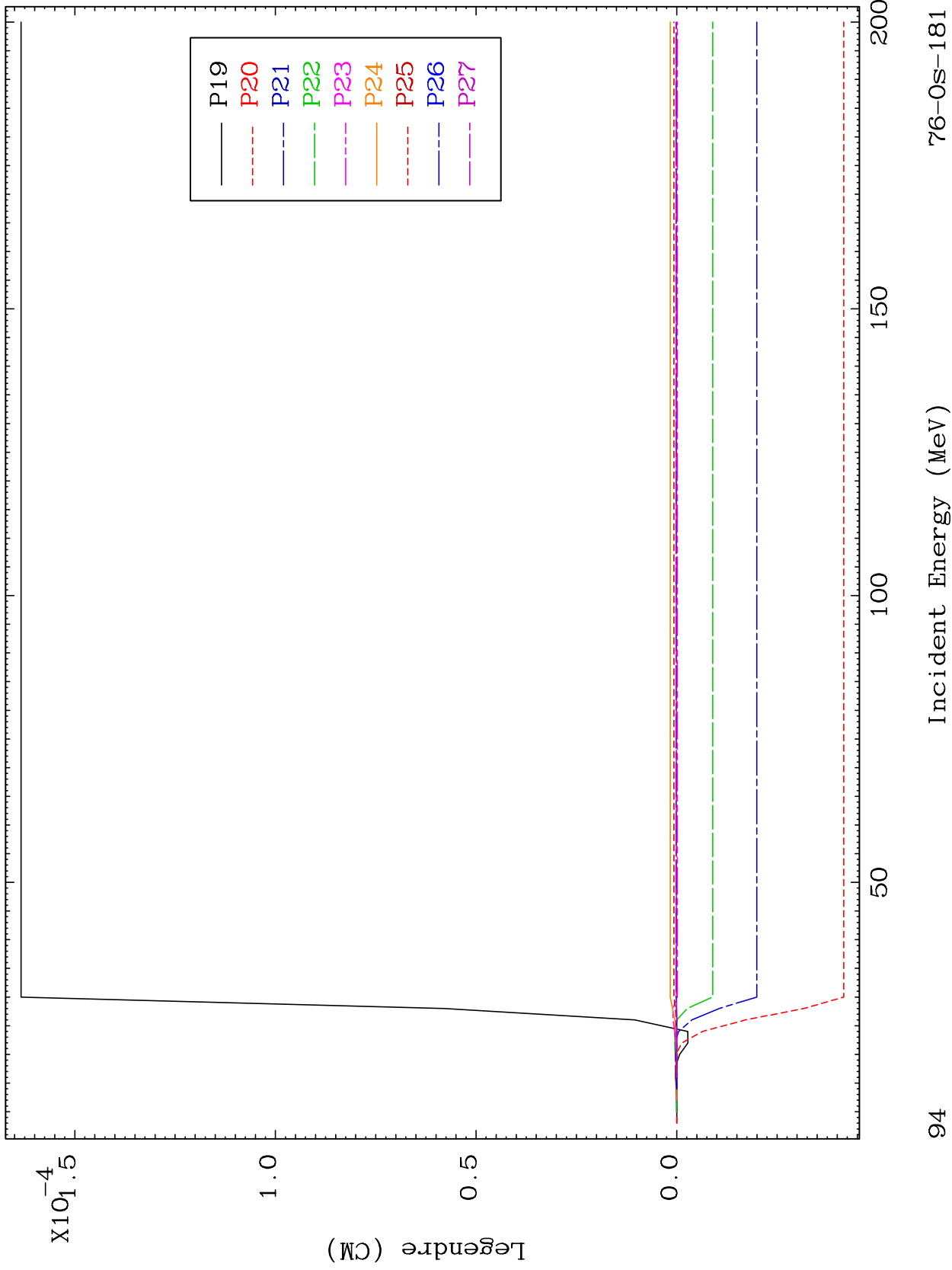




MAT 7616

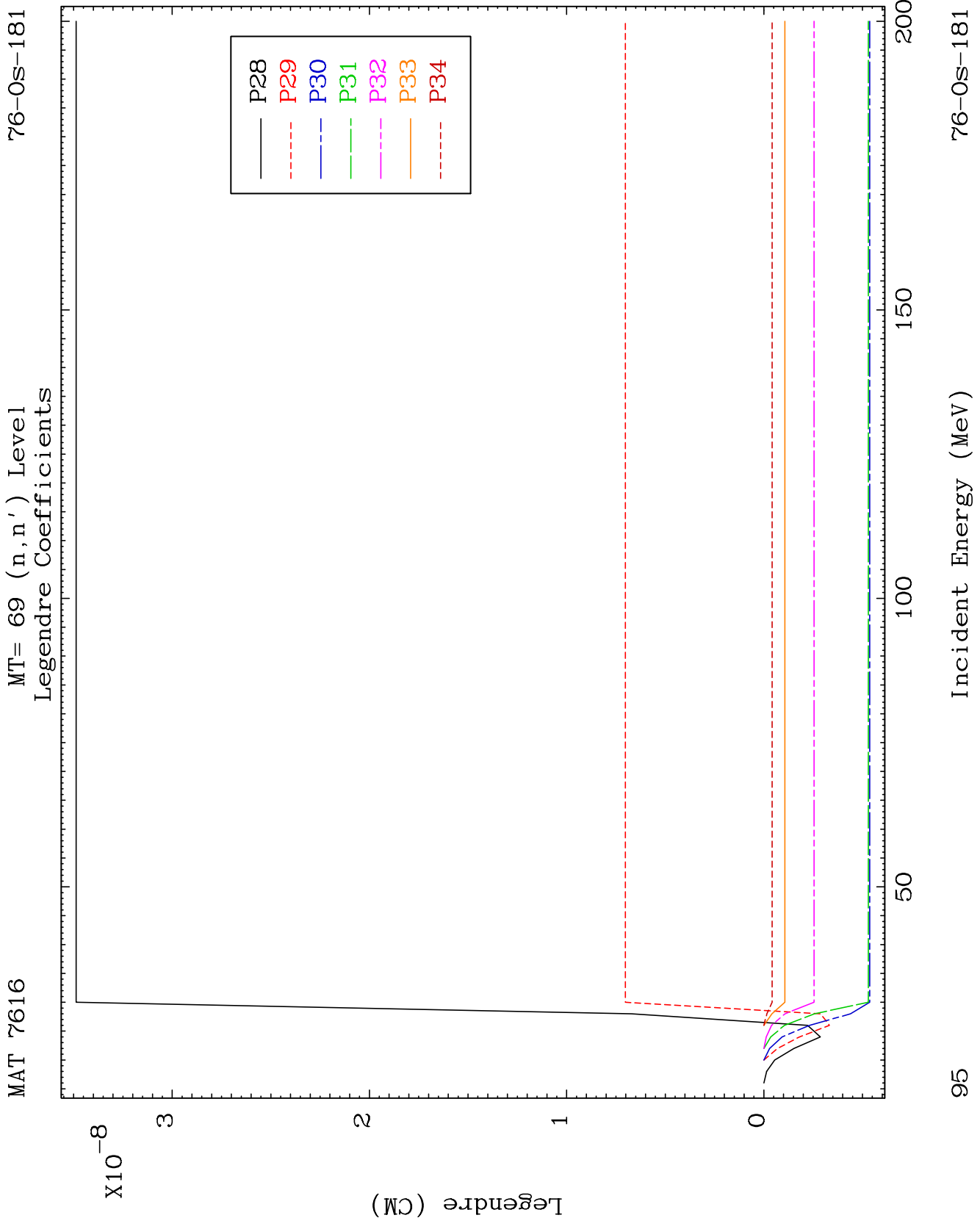
MT= 69 (n,n') Level
Legendre Coefficients

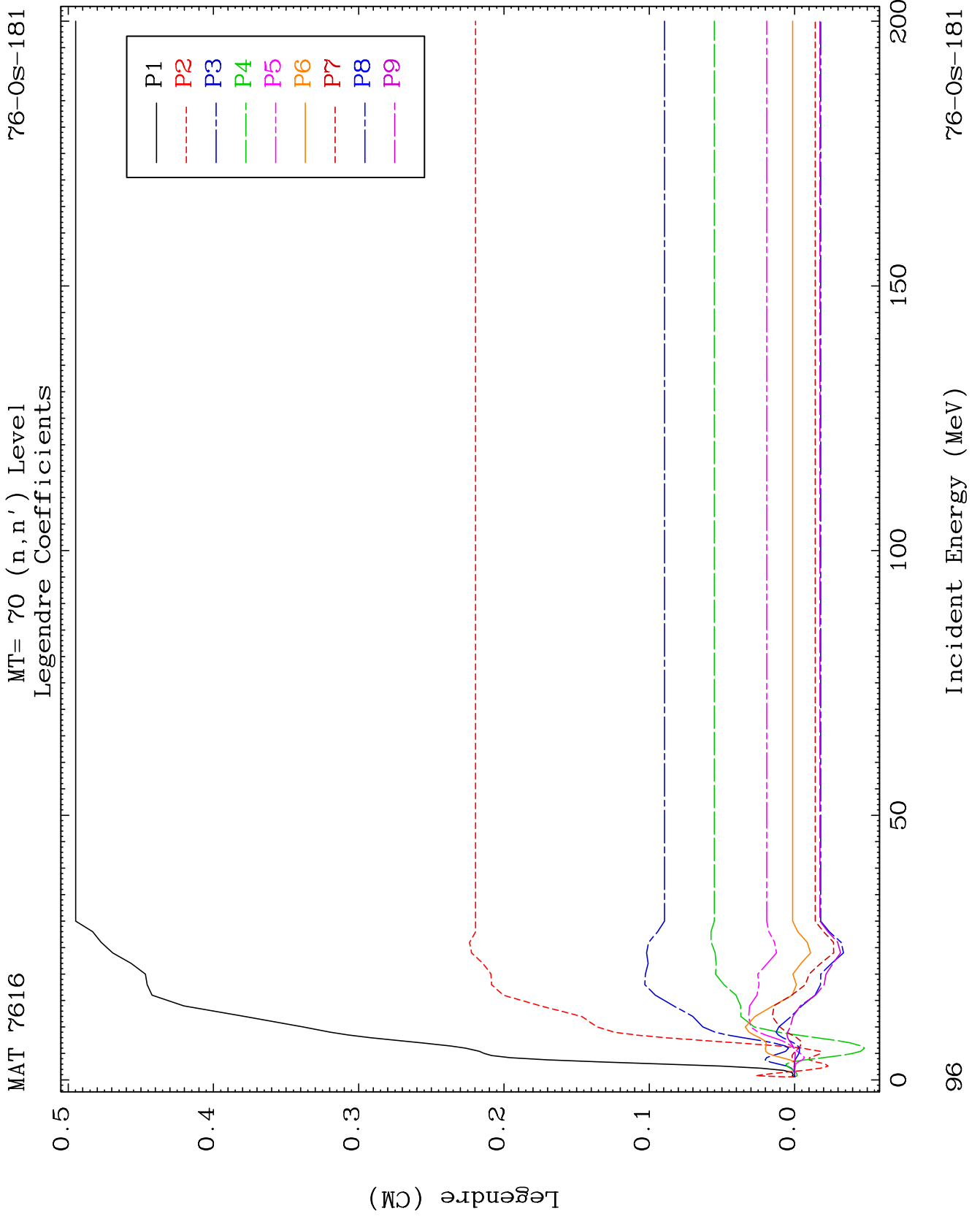
76-Os-181

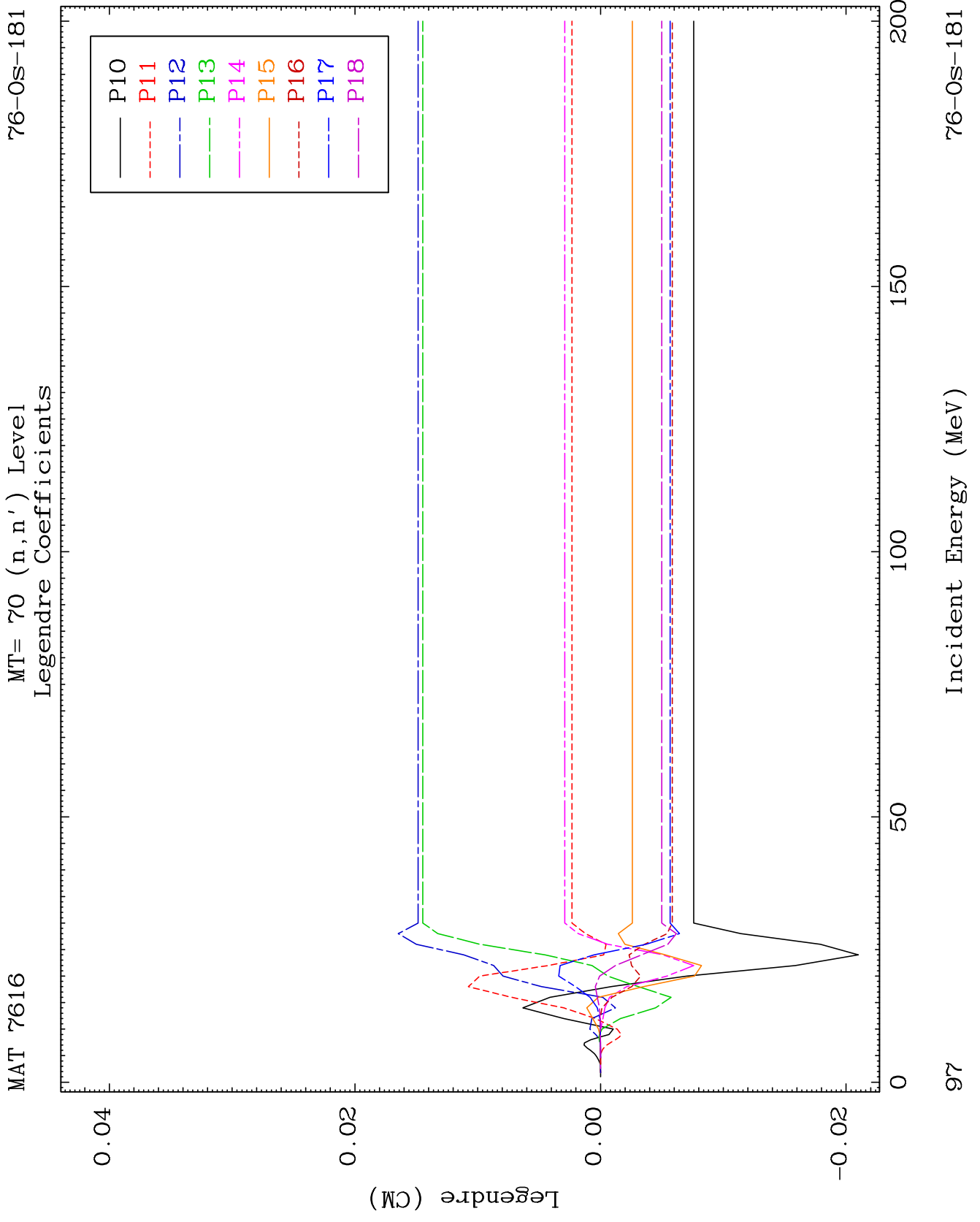


94

76-Os-181



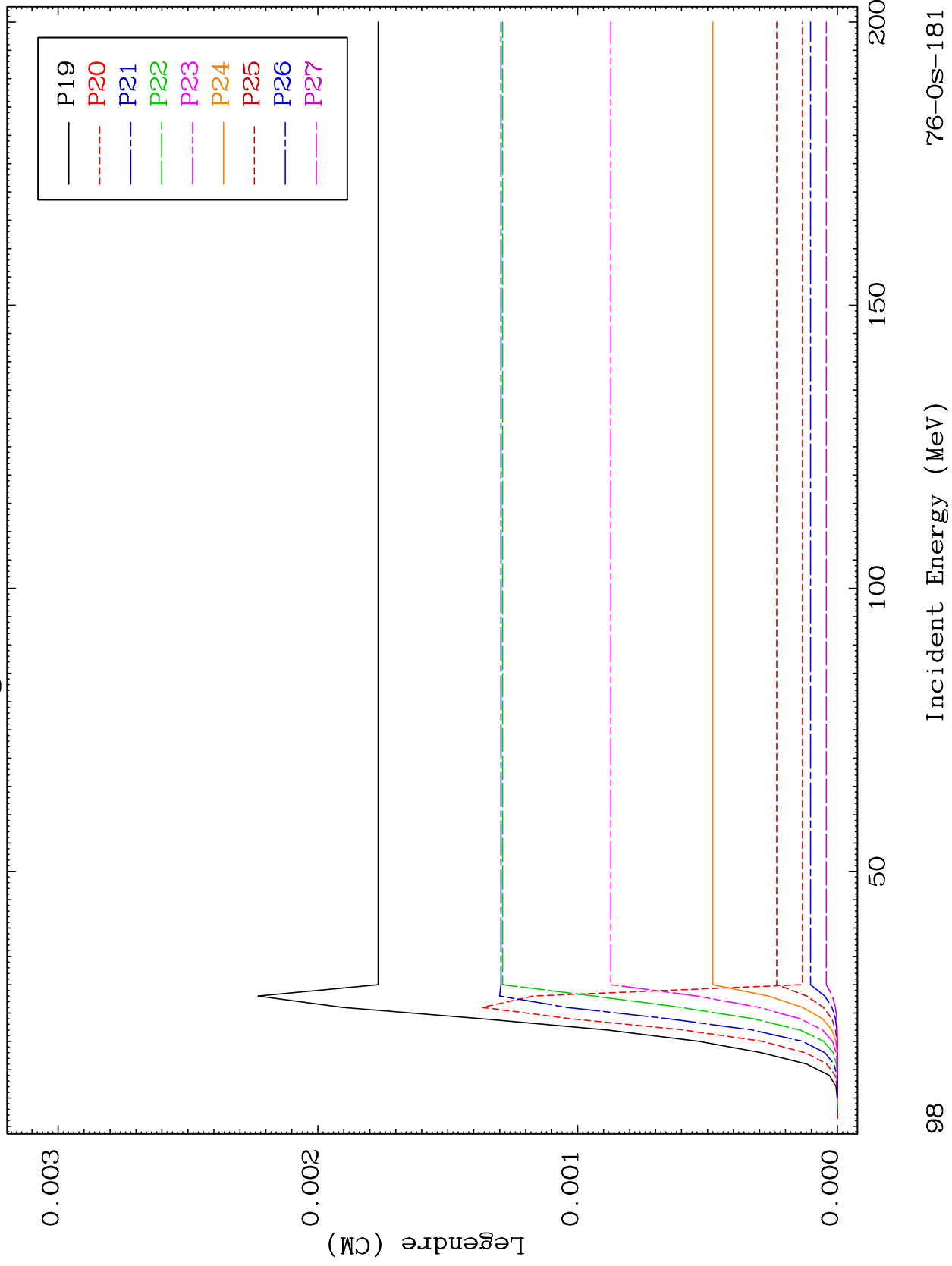




MAT 7616

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

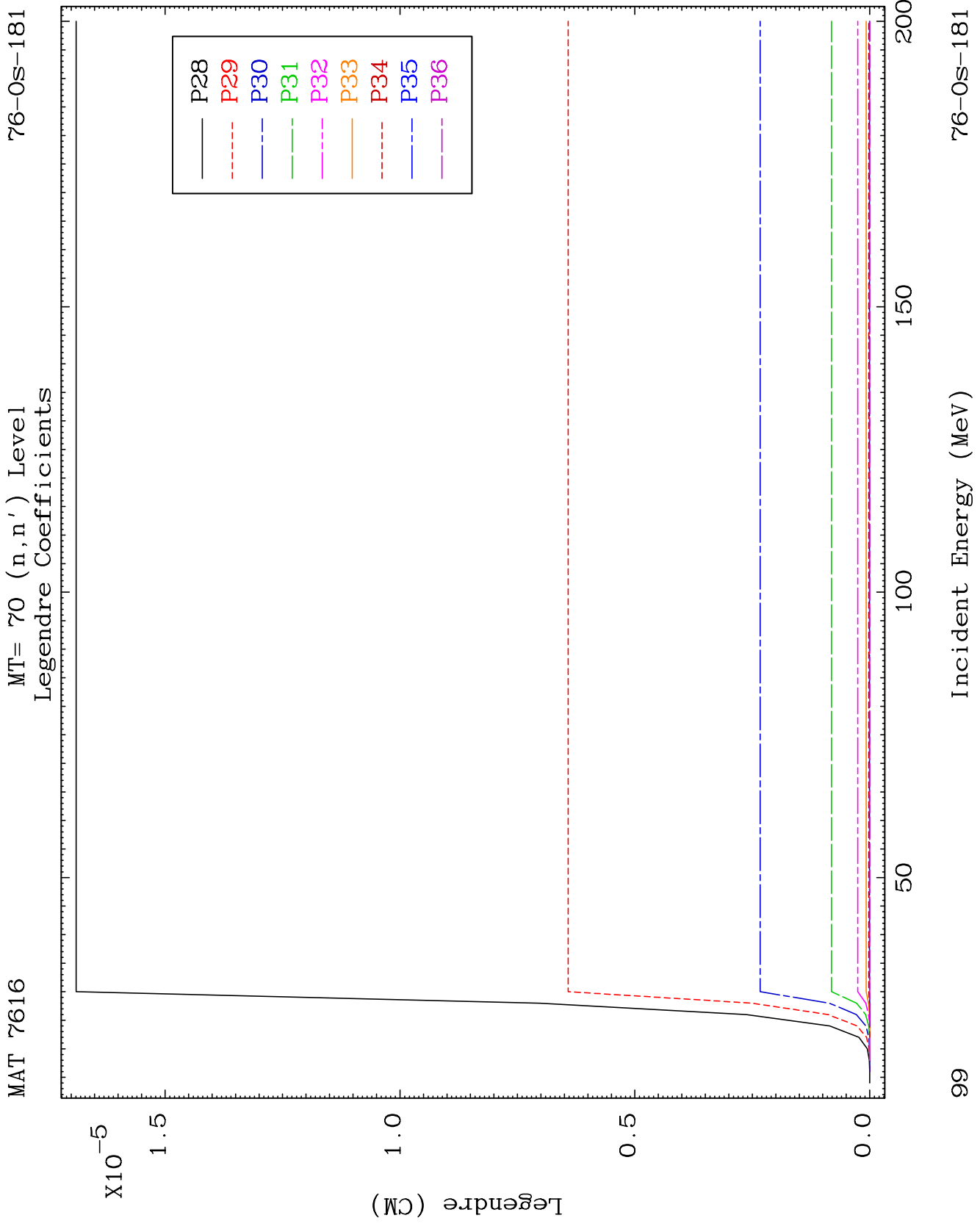
76-Os-181



98

Incident Energy (MeV)

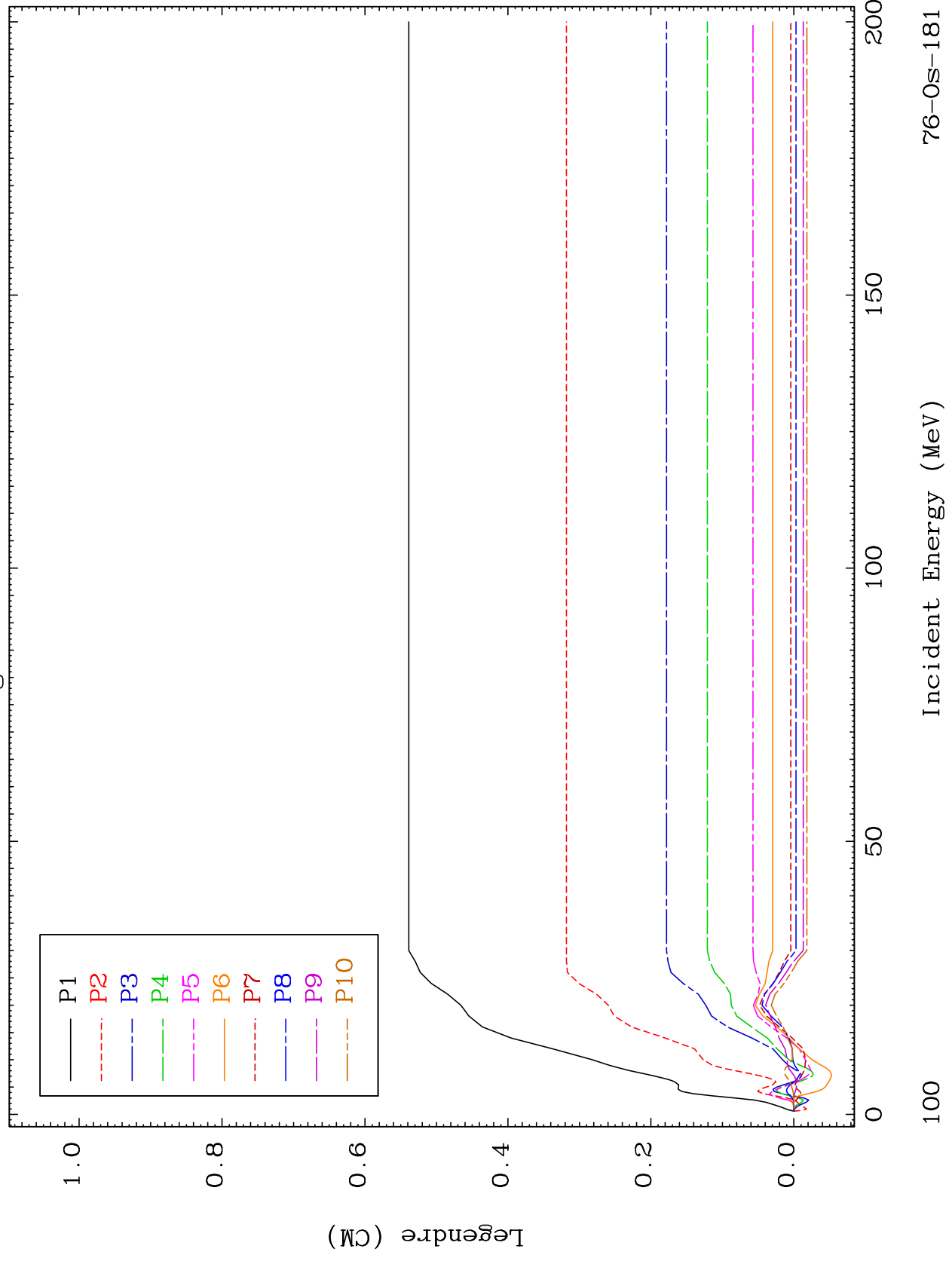
76-Os-181



MAT 7616

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

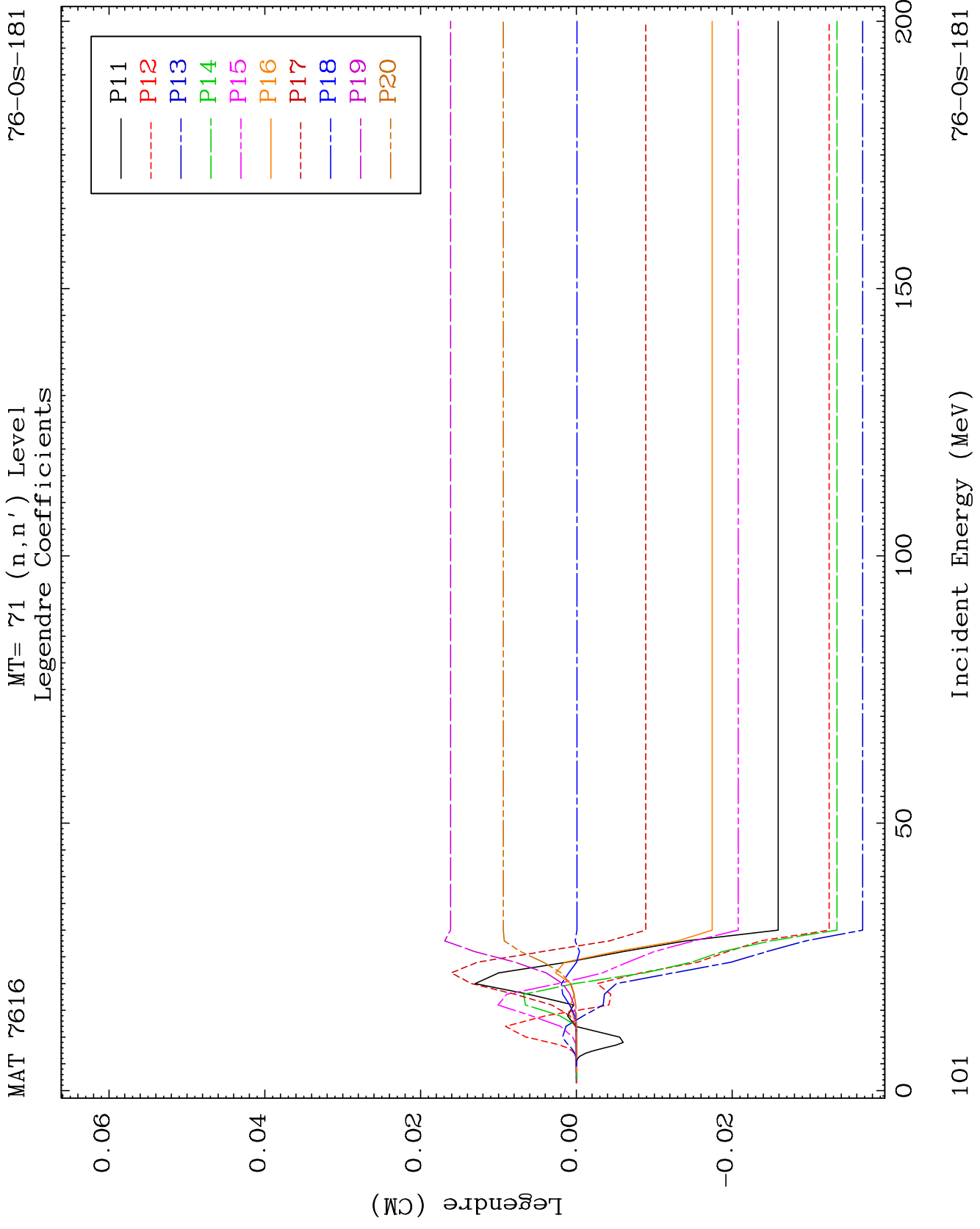
76-Os-181



76-Os-181

Incident Energy (MeV)

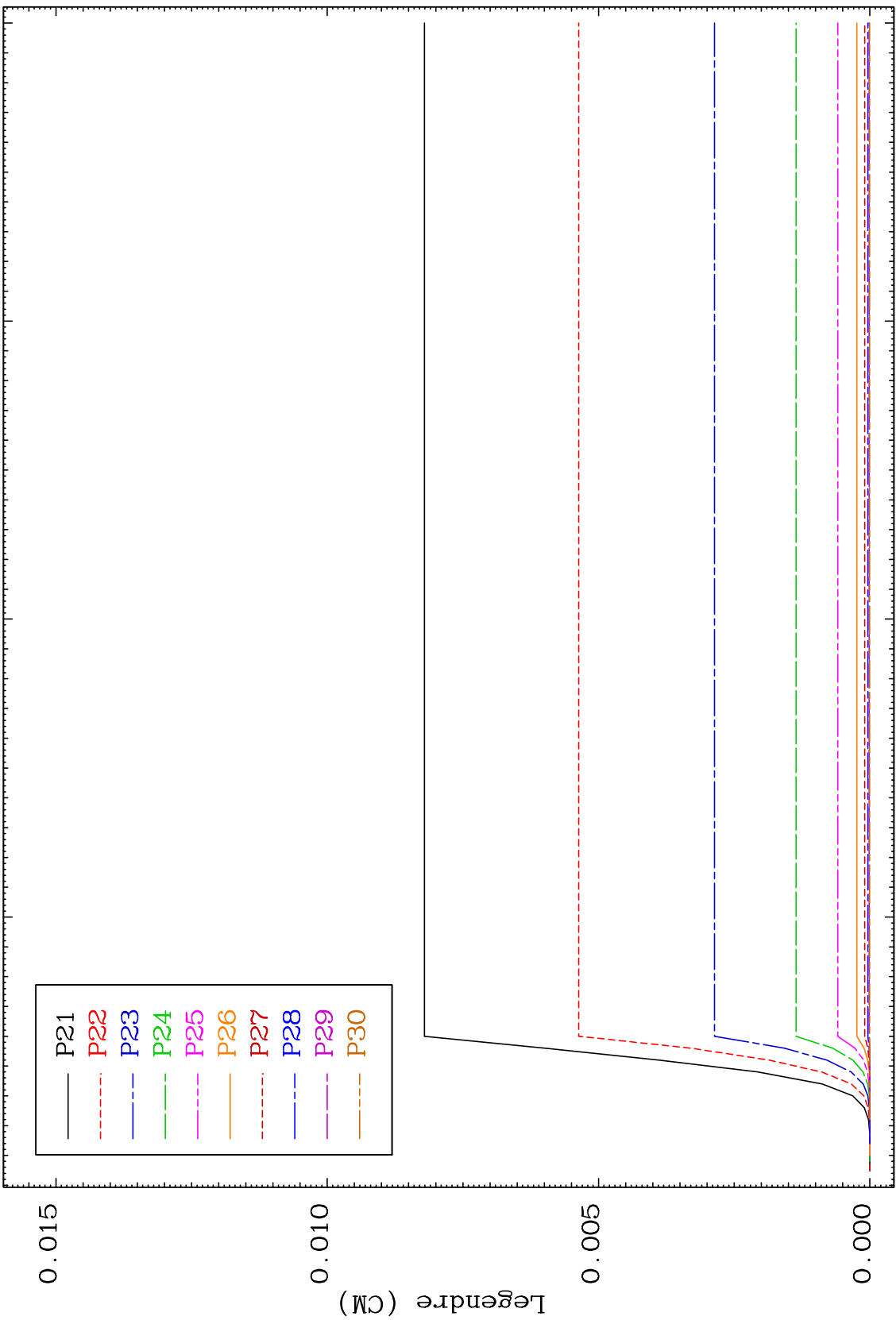
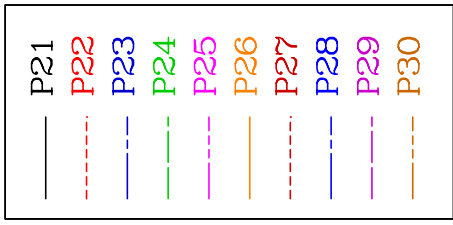
100



MAT 7616

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

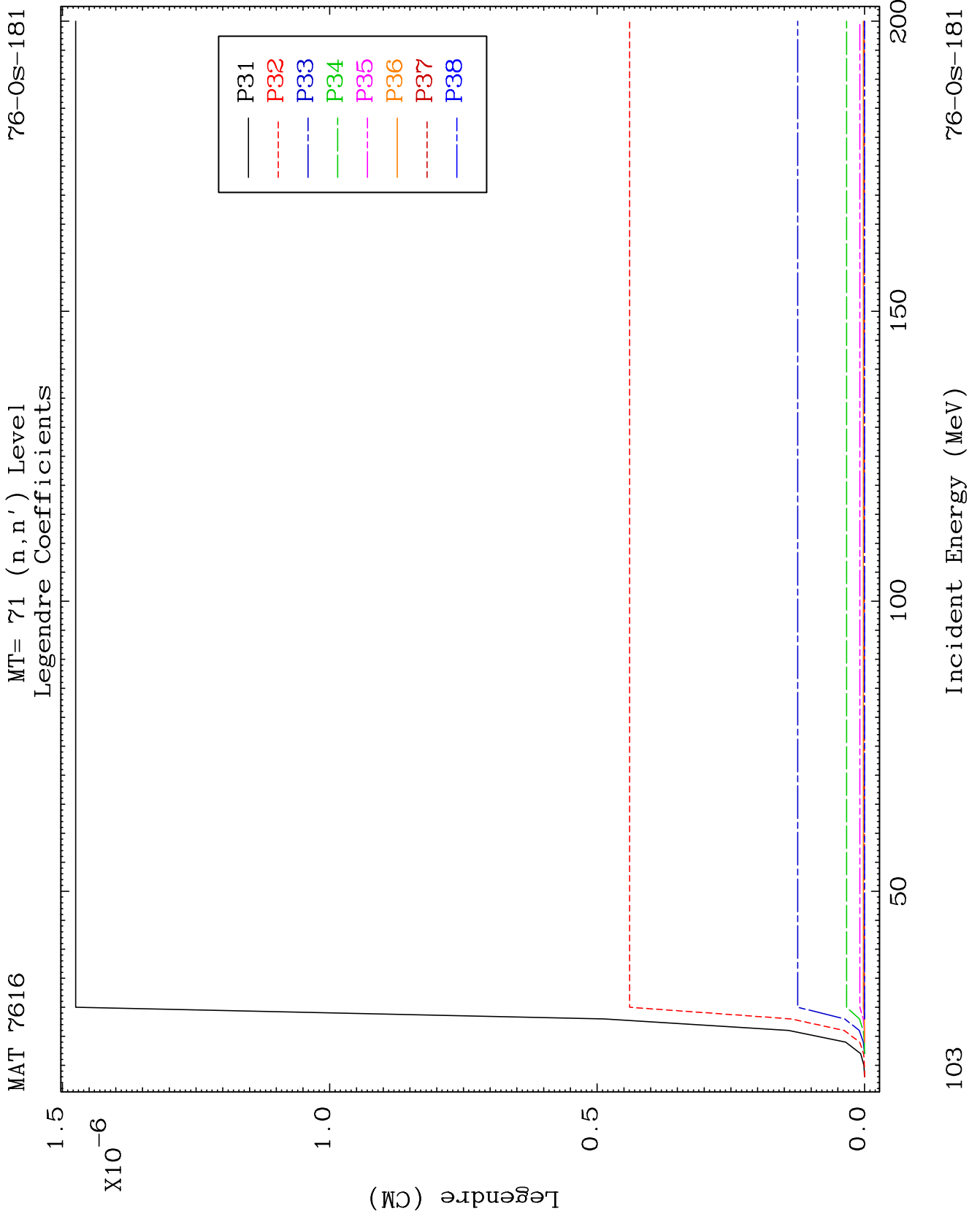
76-Os-181



102

Incident Energy (MeV)

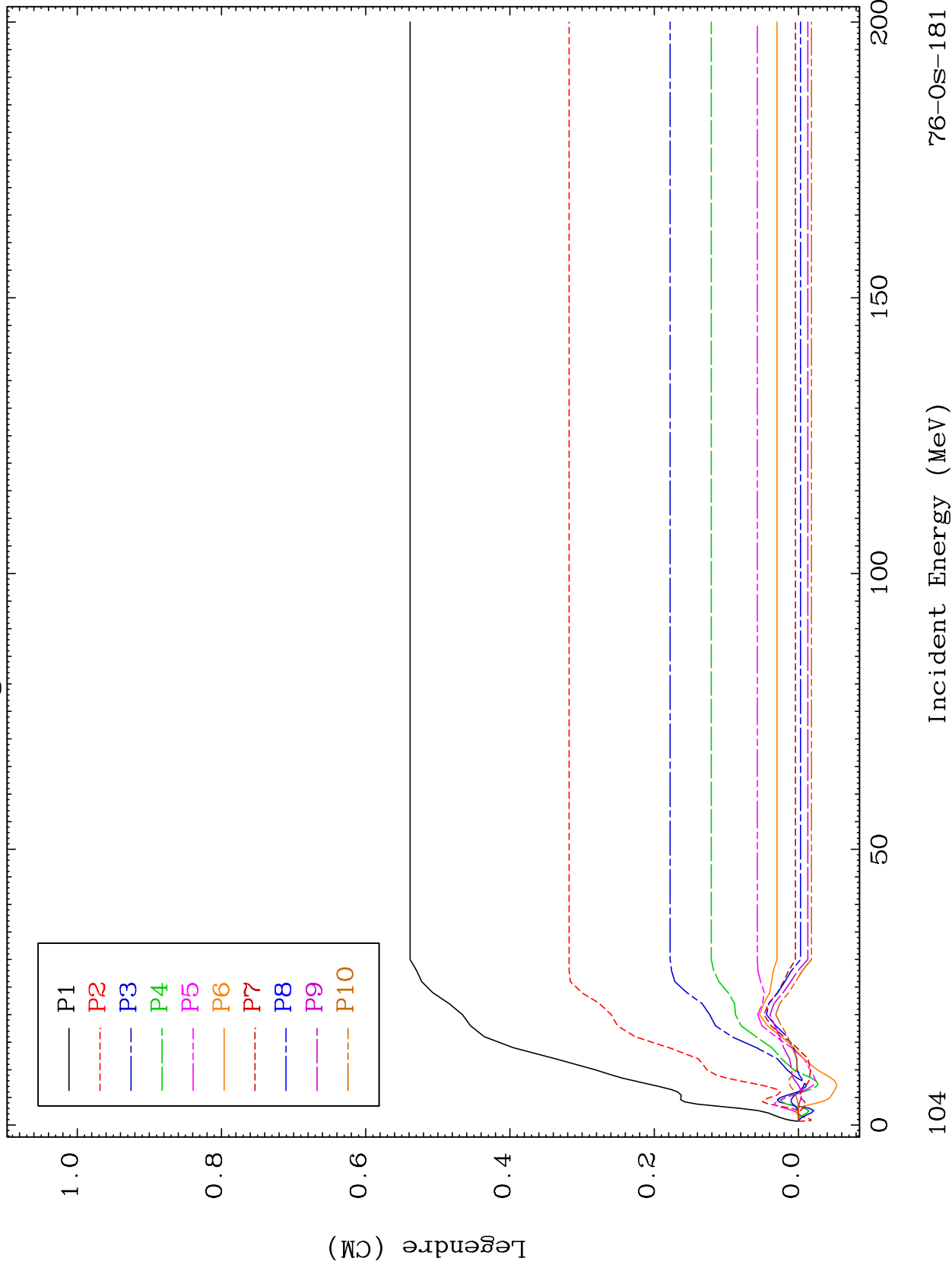
76-Os-181

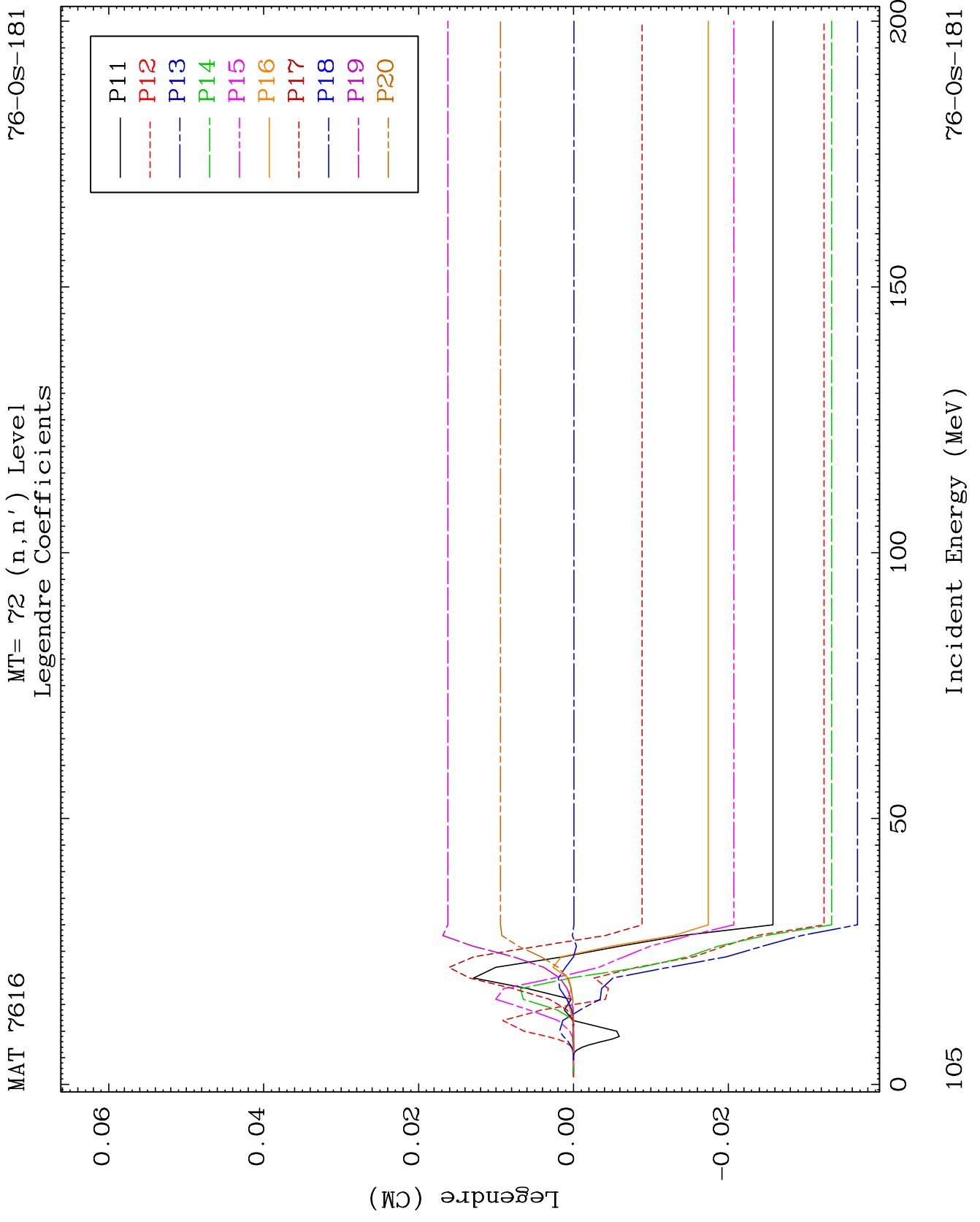


MAT 7616

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

76-Os-181

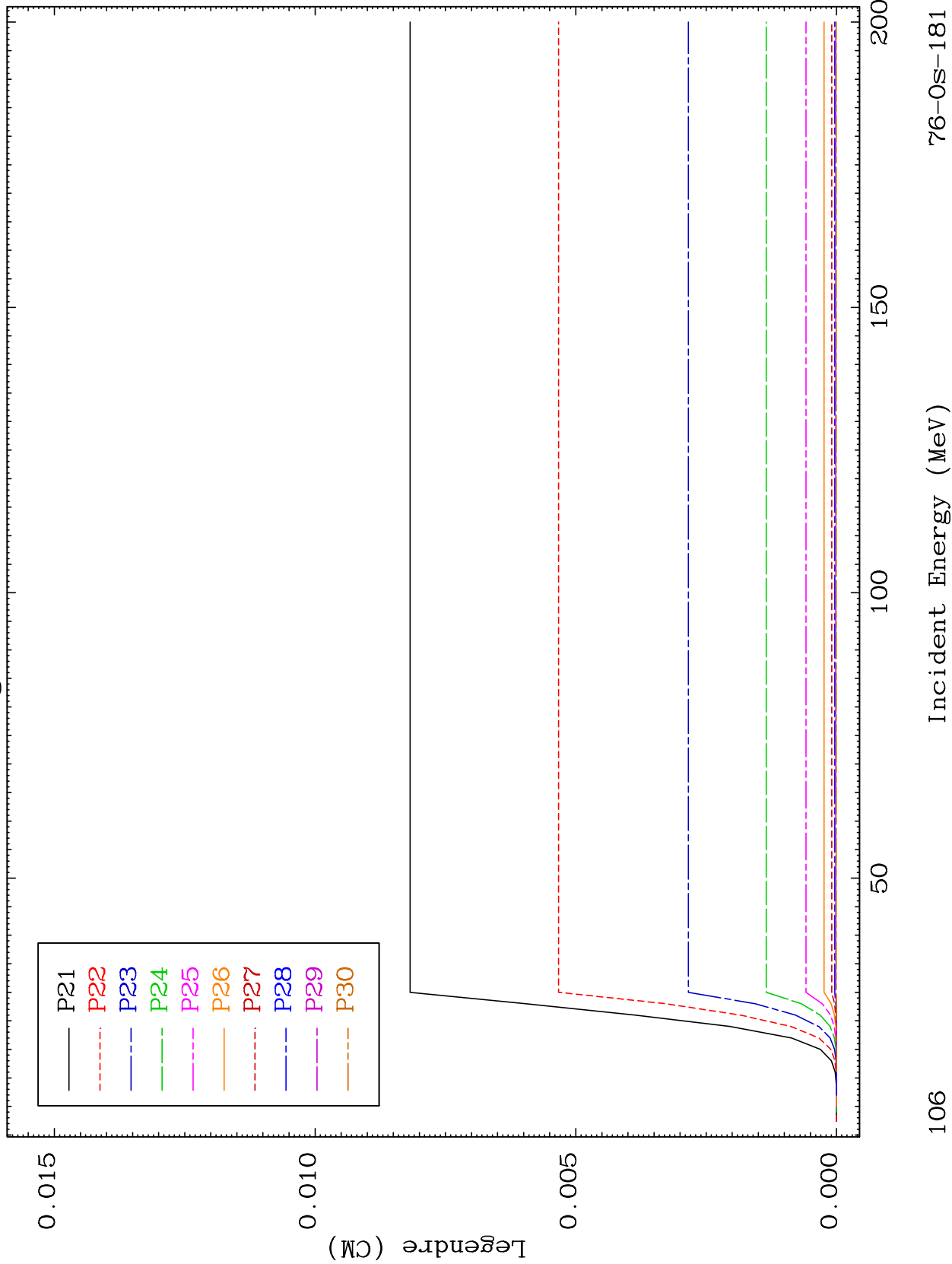




MAT 7616

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

76-Os-181



106

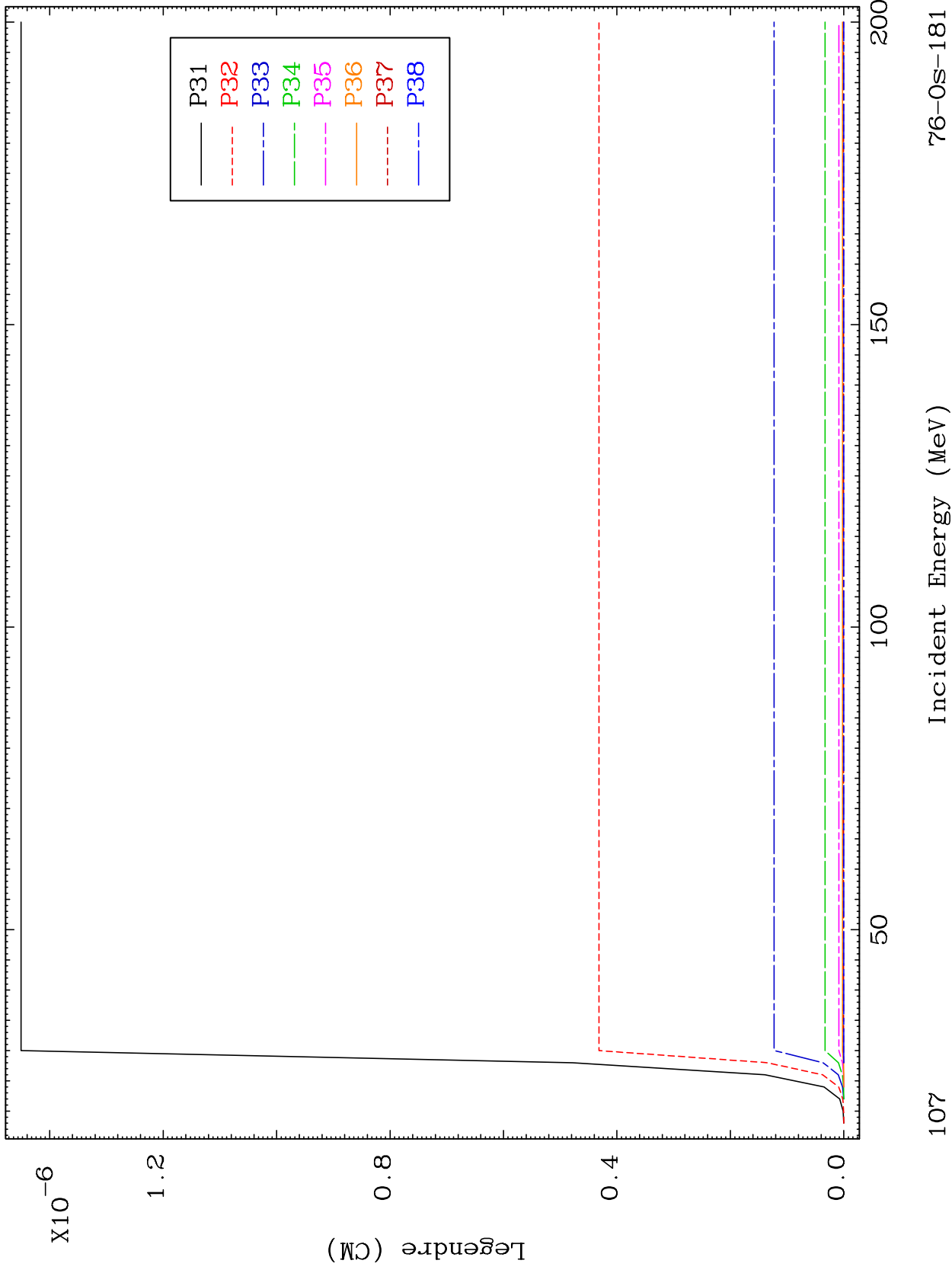
Incident Energy (MeV)

76-Os-181

MAT 7616

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

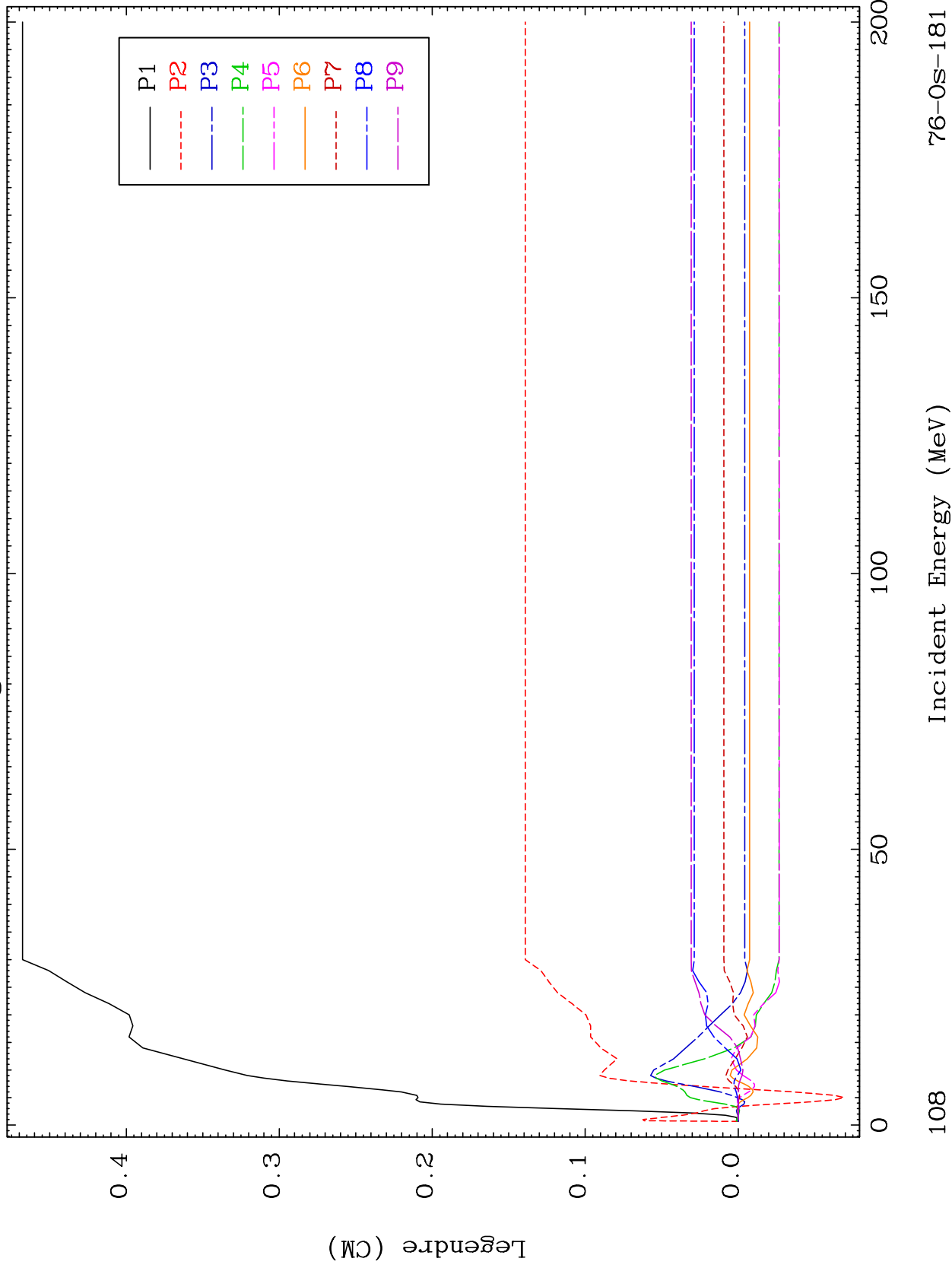
76-Os-181



MAT 7616

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

76-Os-181



76-Os-181

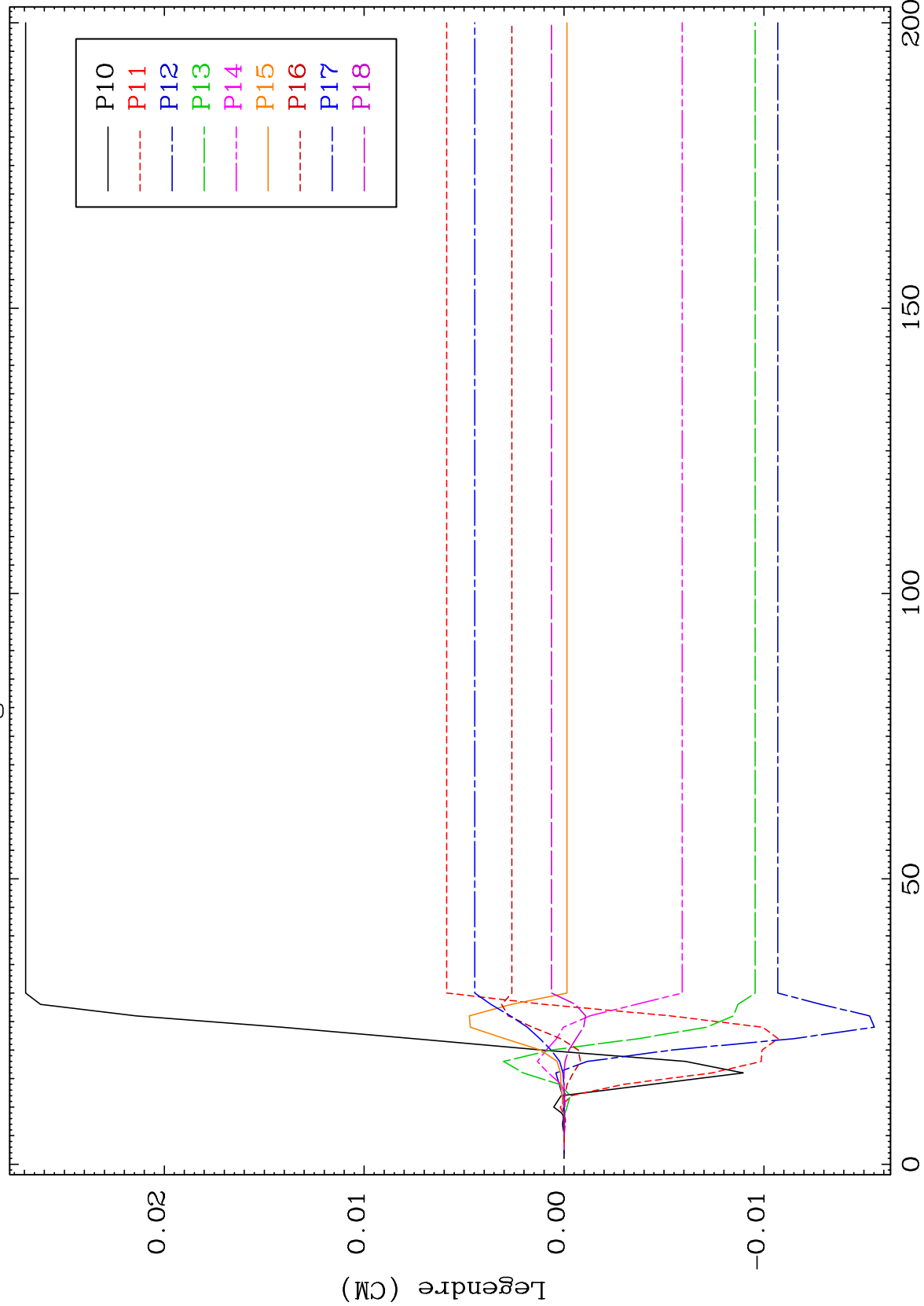
Incident Energy (MeV)

108

MAT 7616

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

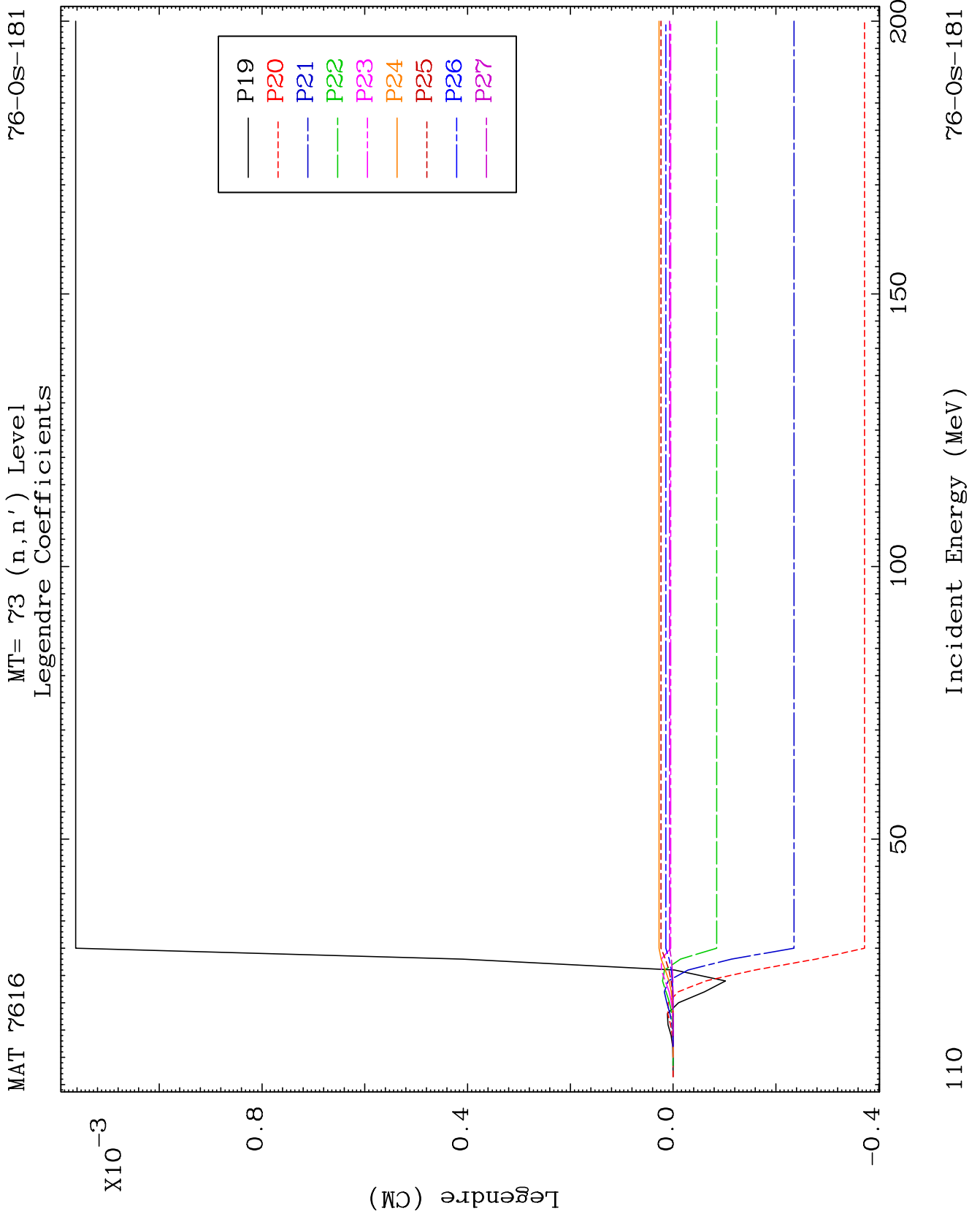
76-Os-181



109

Incident Energy (MeV)

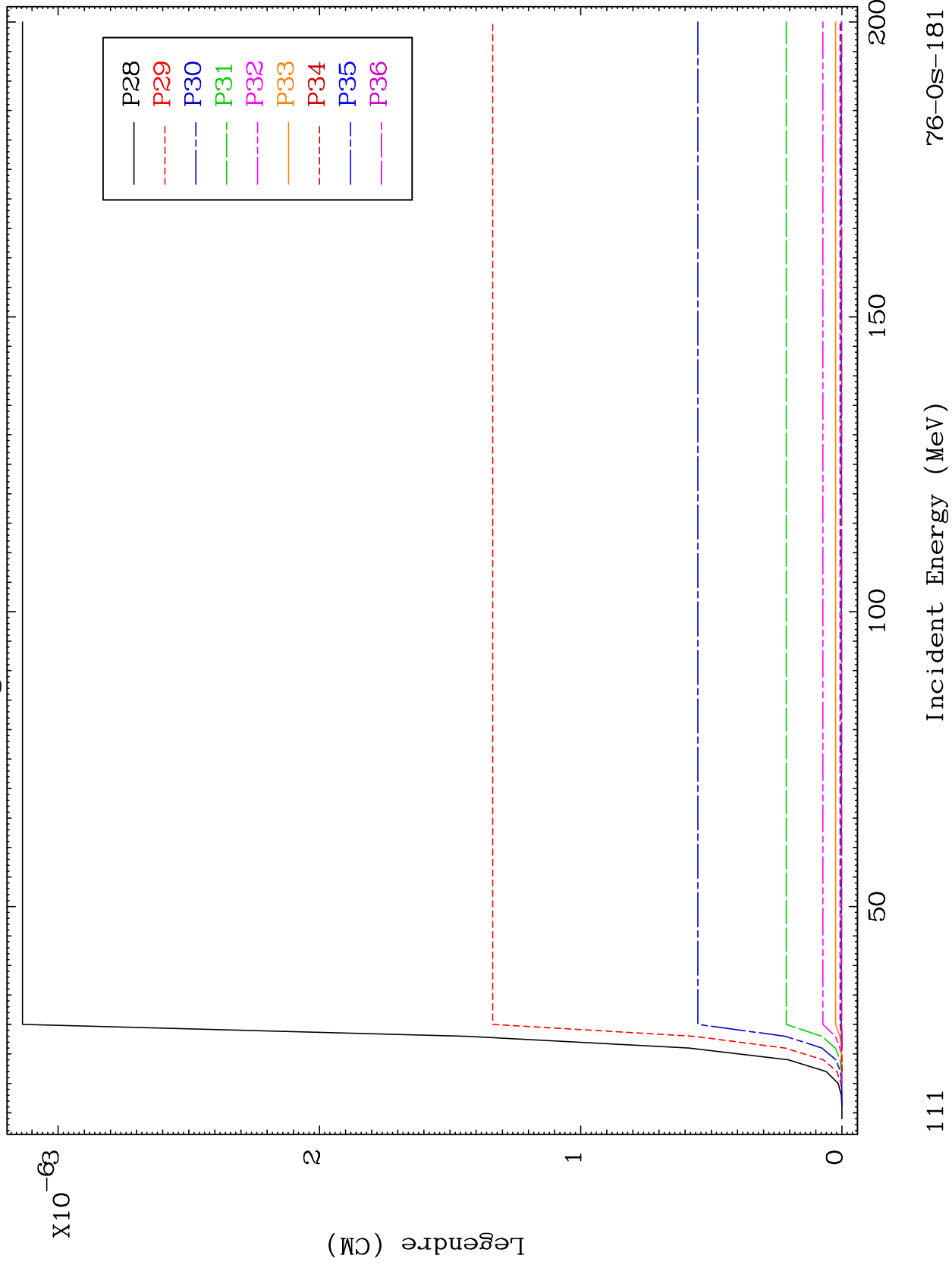
76-Os-181



MAT 7616

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

76-Os-181

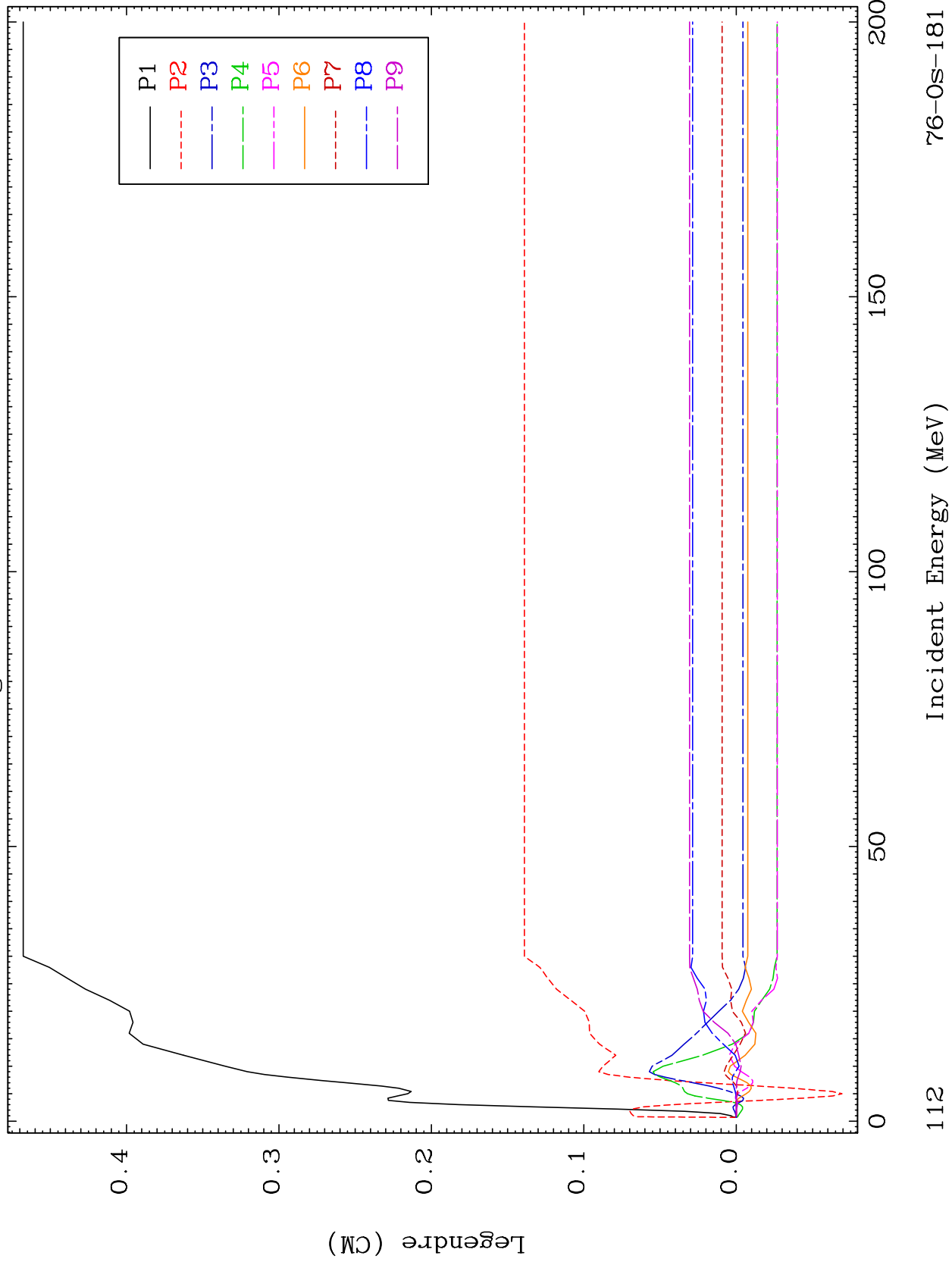


111

MAT 7616

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

76-Os-181



76-Os-181

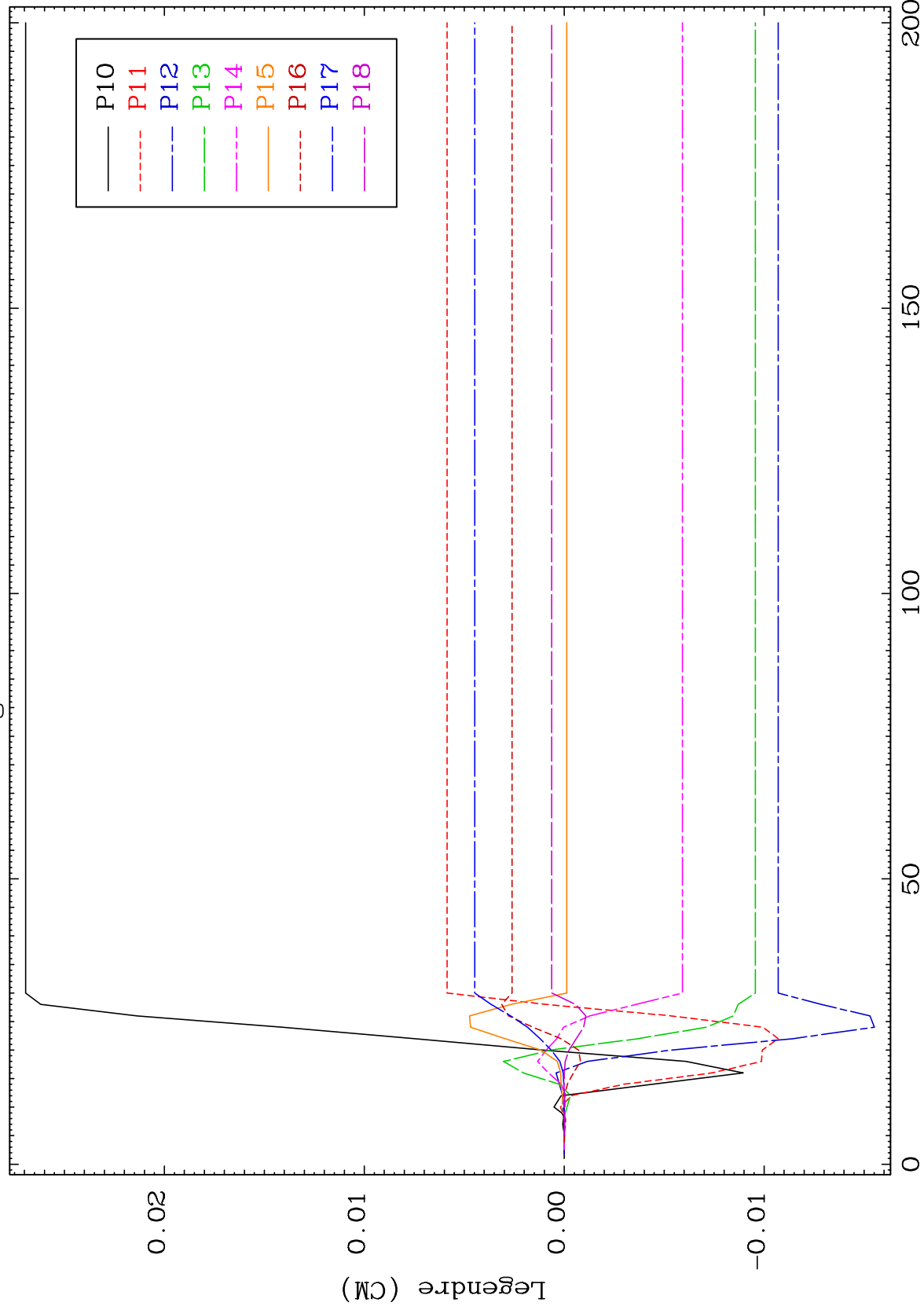
Incident Energy (MeV)

112

MAT 7616

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

76-Os-181



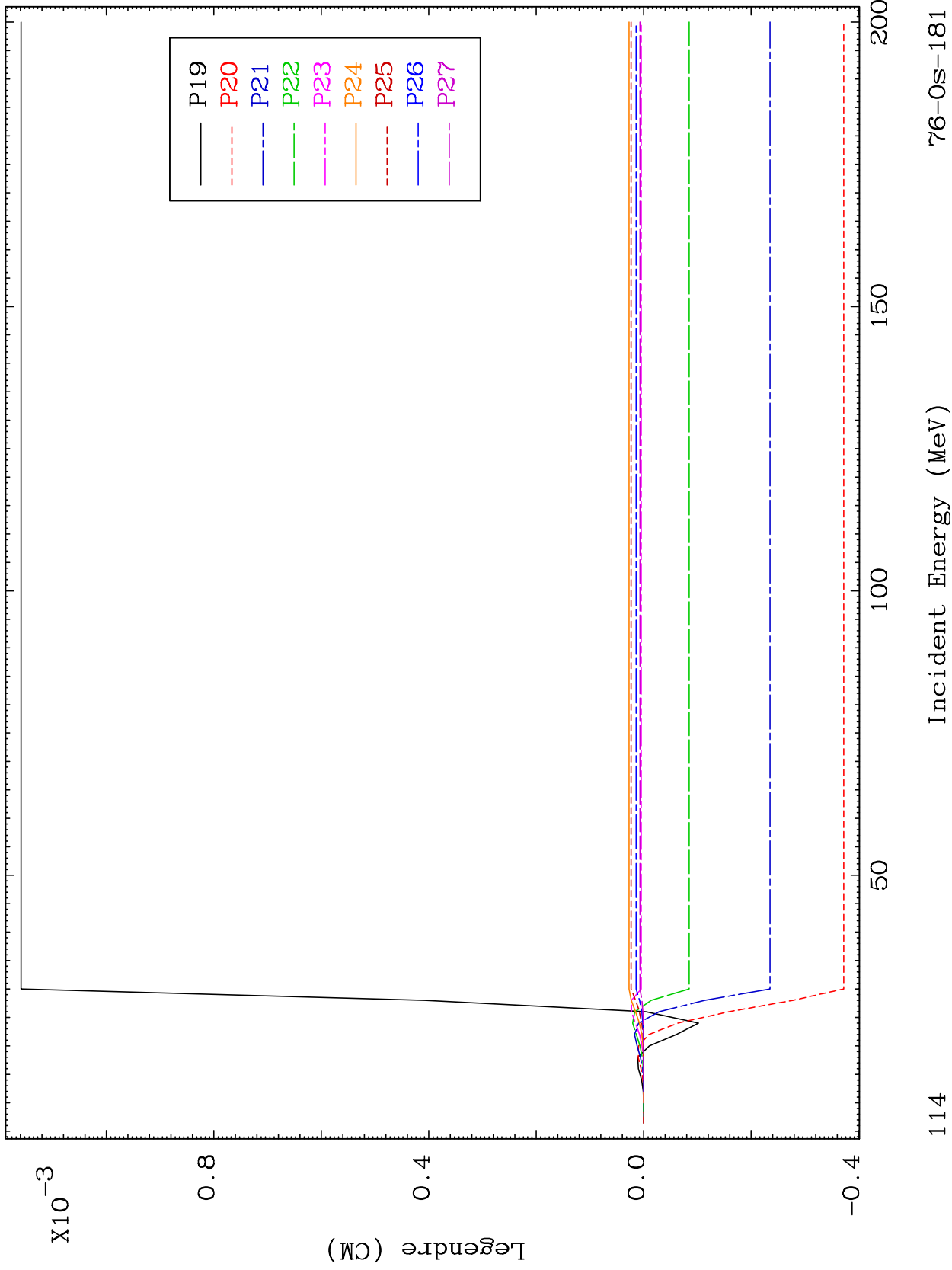
113

76-Os-181

MAT 7616

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

76-Os-181



114

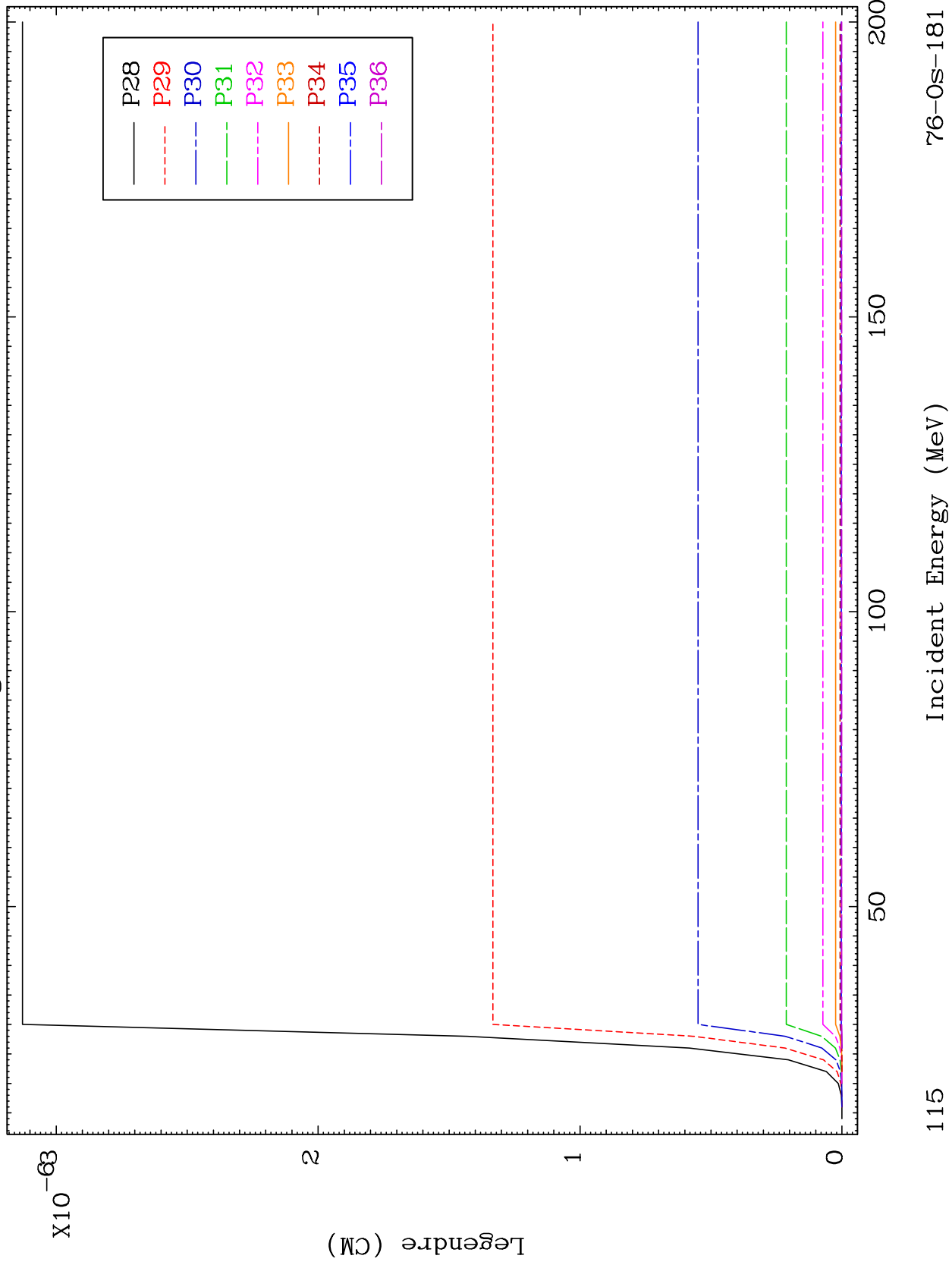
Incident Energy (MeV)

76-Os-181

MAT 7616

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

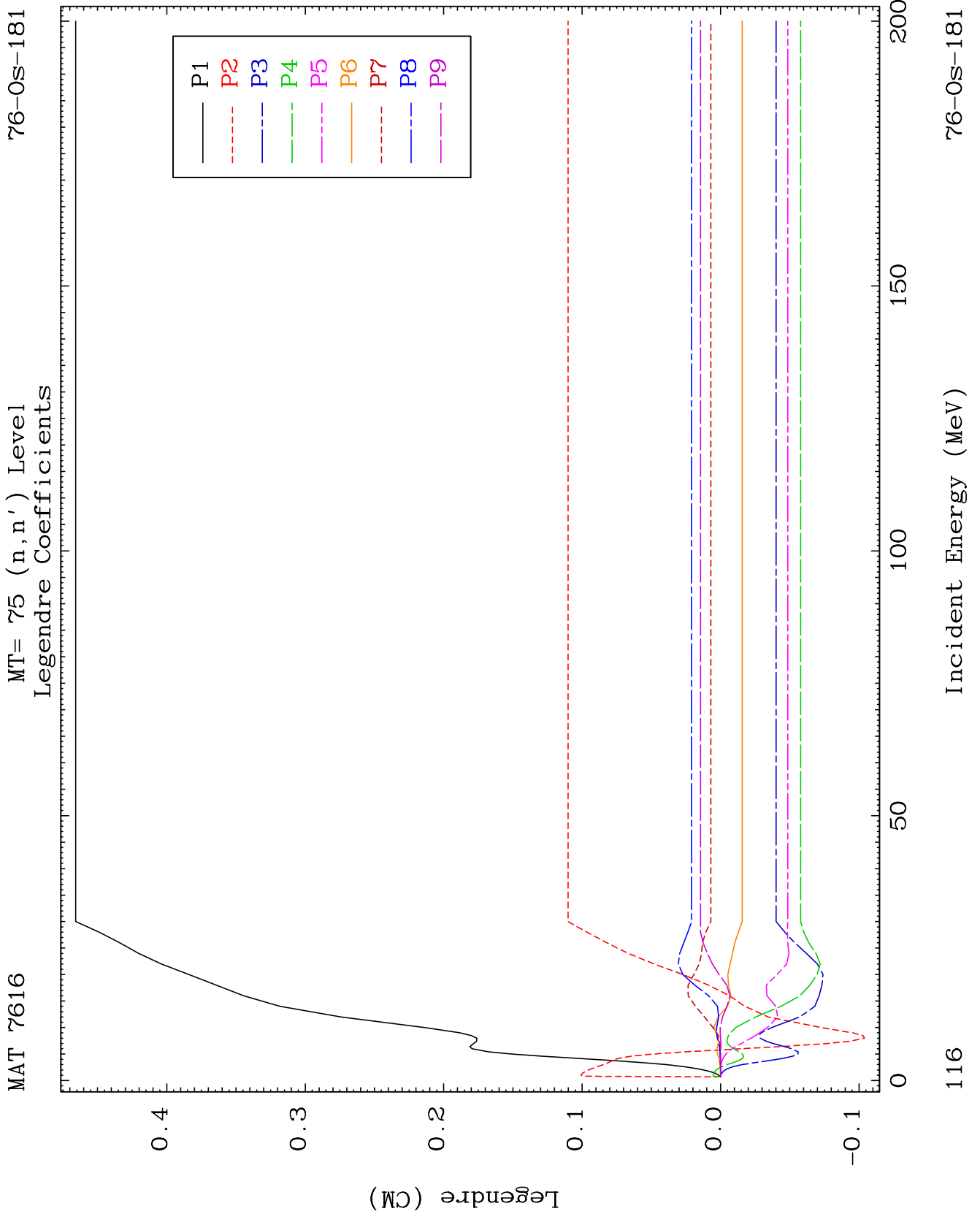
76-Os-181



115

Incident Energy (MeV)

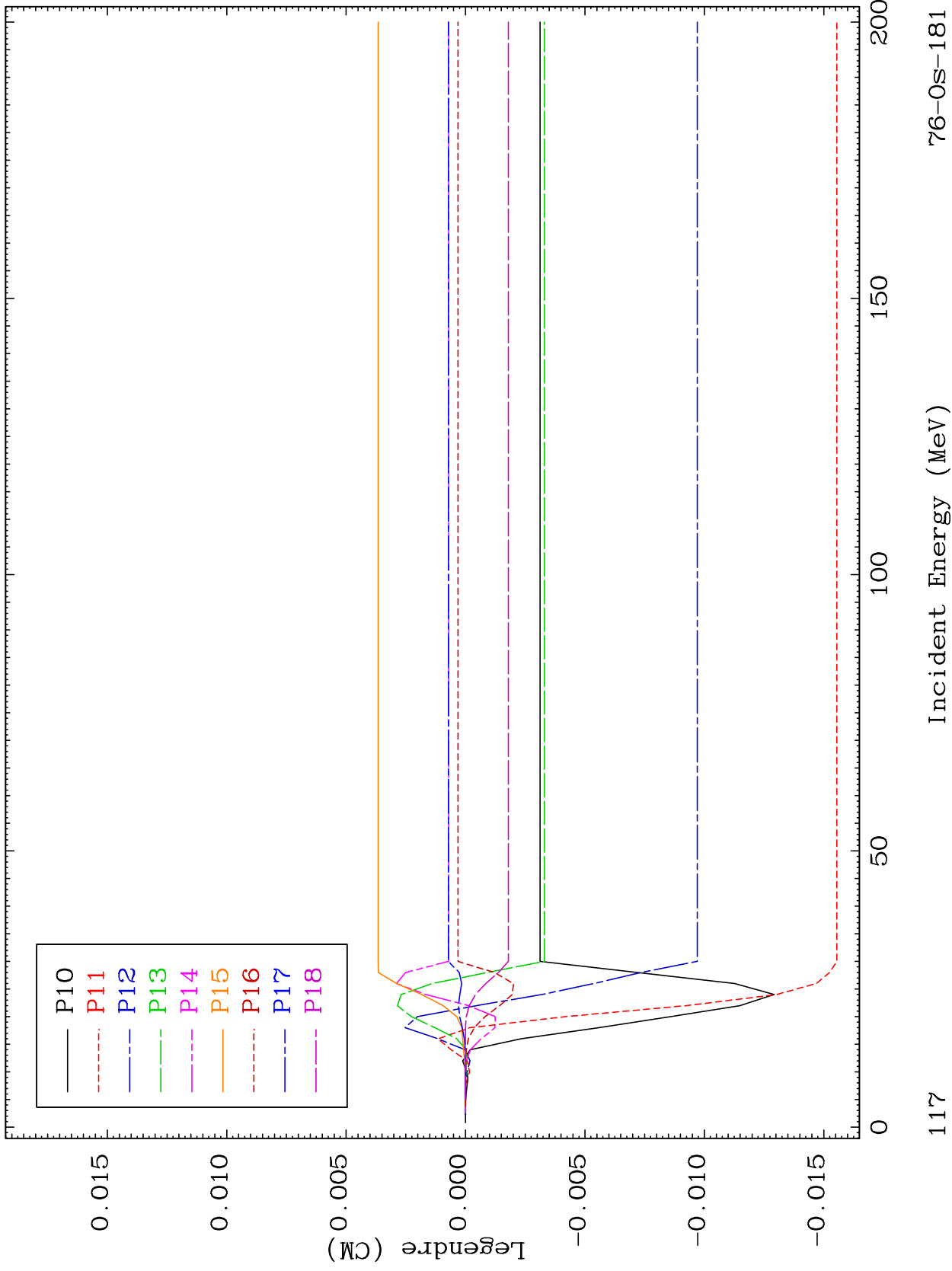
76-Os-181



MAT 7616

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

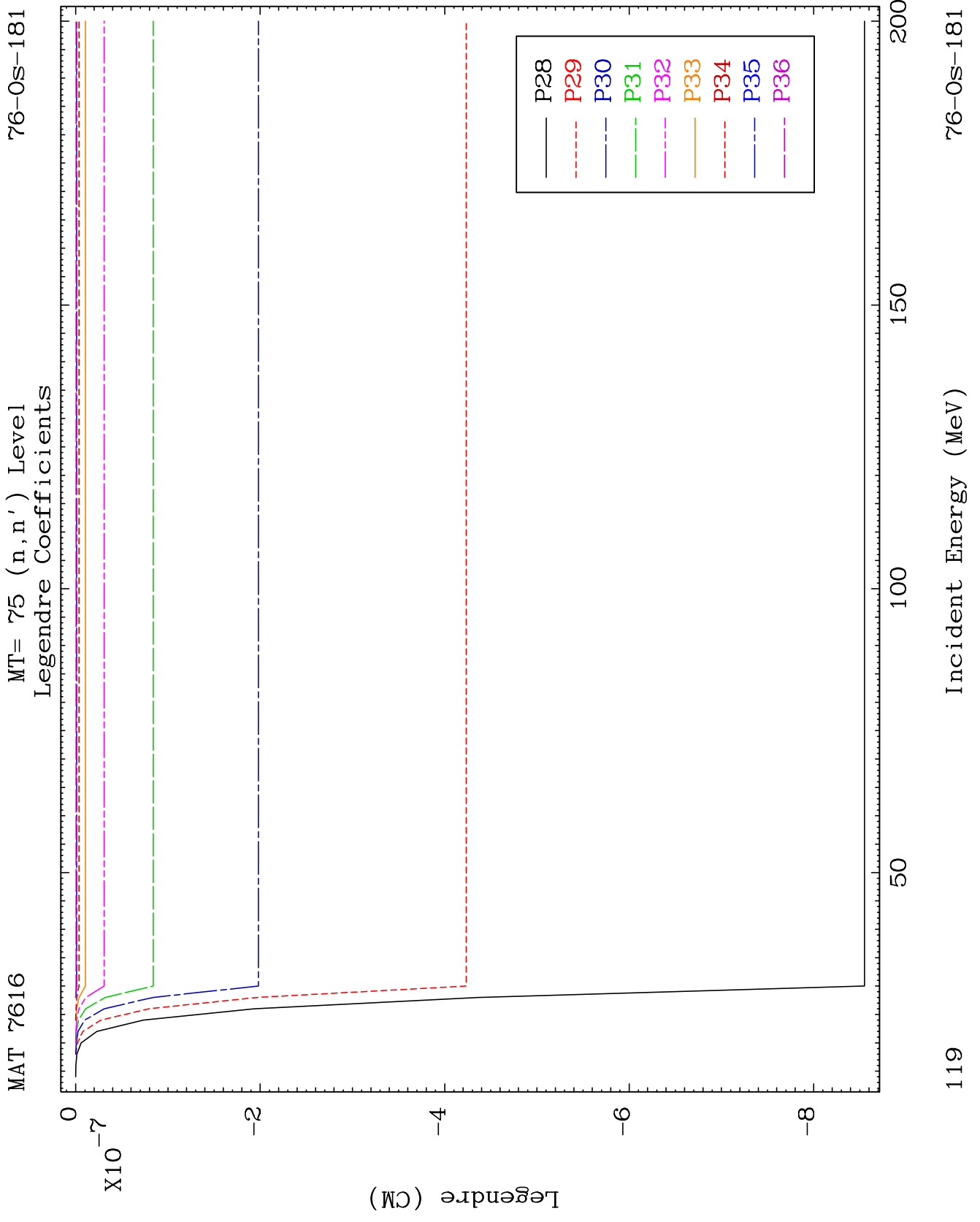
76-Os-181



117

Incident Energy (MeV)

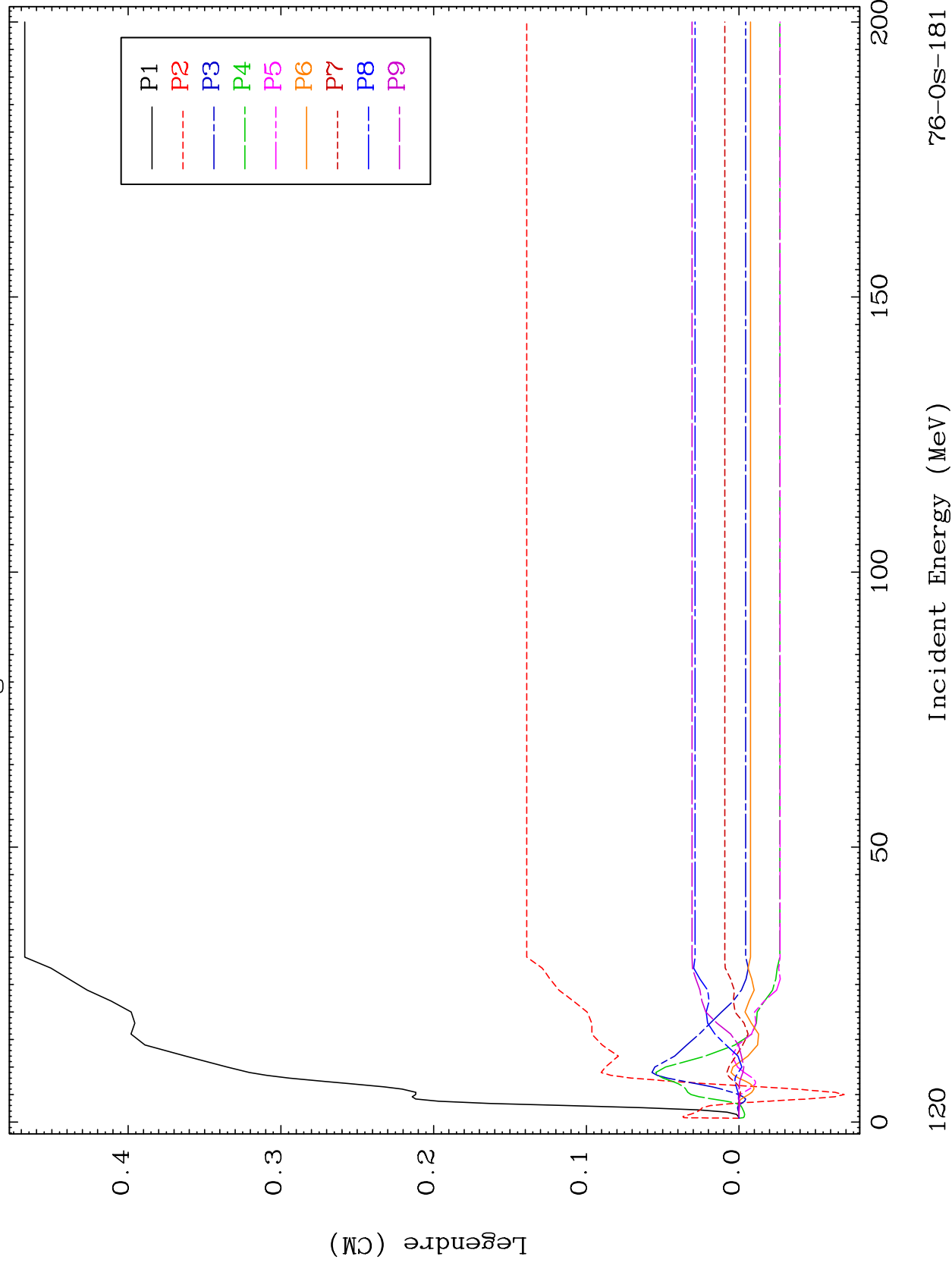
76-Os-181



MAT 7616

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

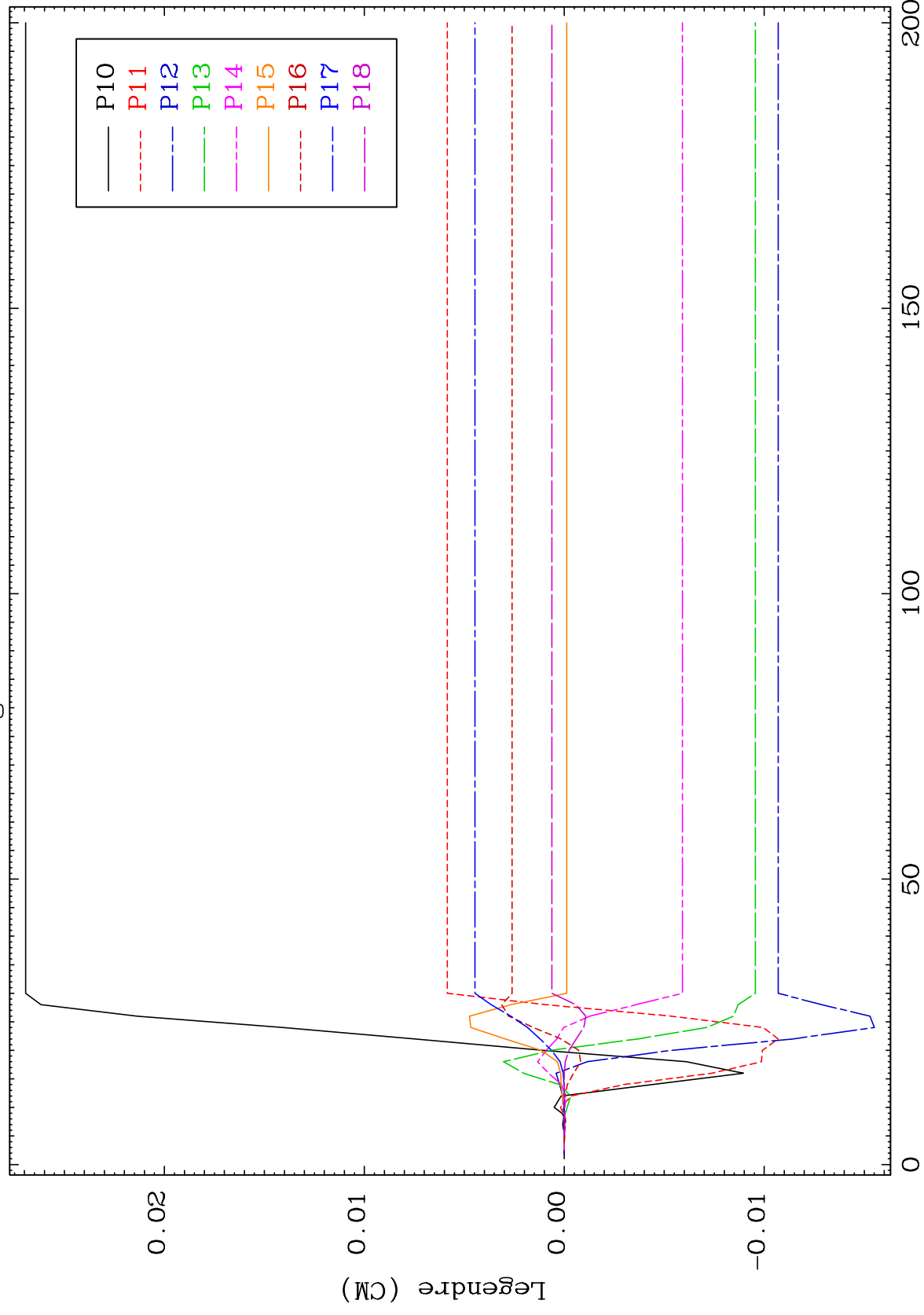
76-Os-181



MAT 7616

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

76-Os-181



76-Os-181

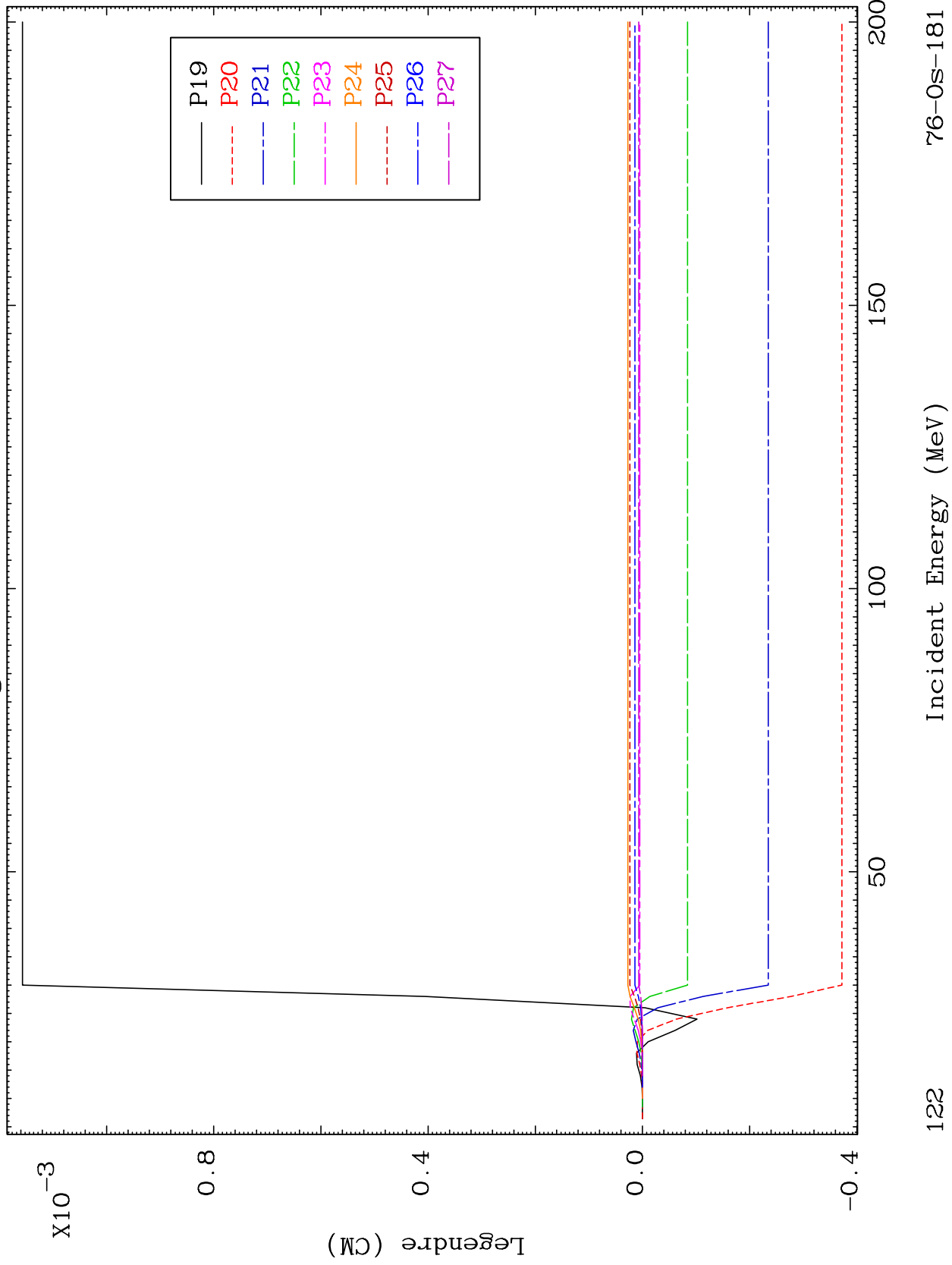
Incident Energy (MeV)

121

MAT 7616

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

76-Os-181



122

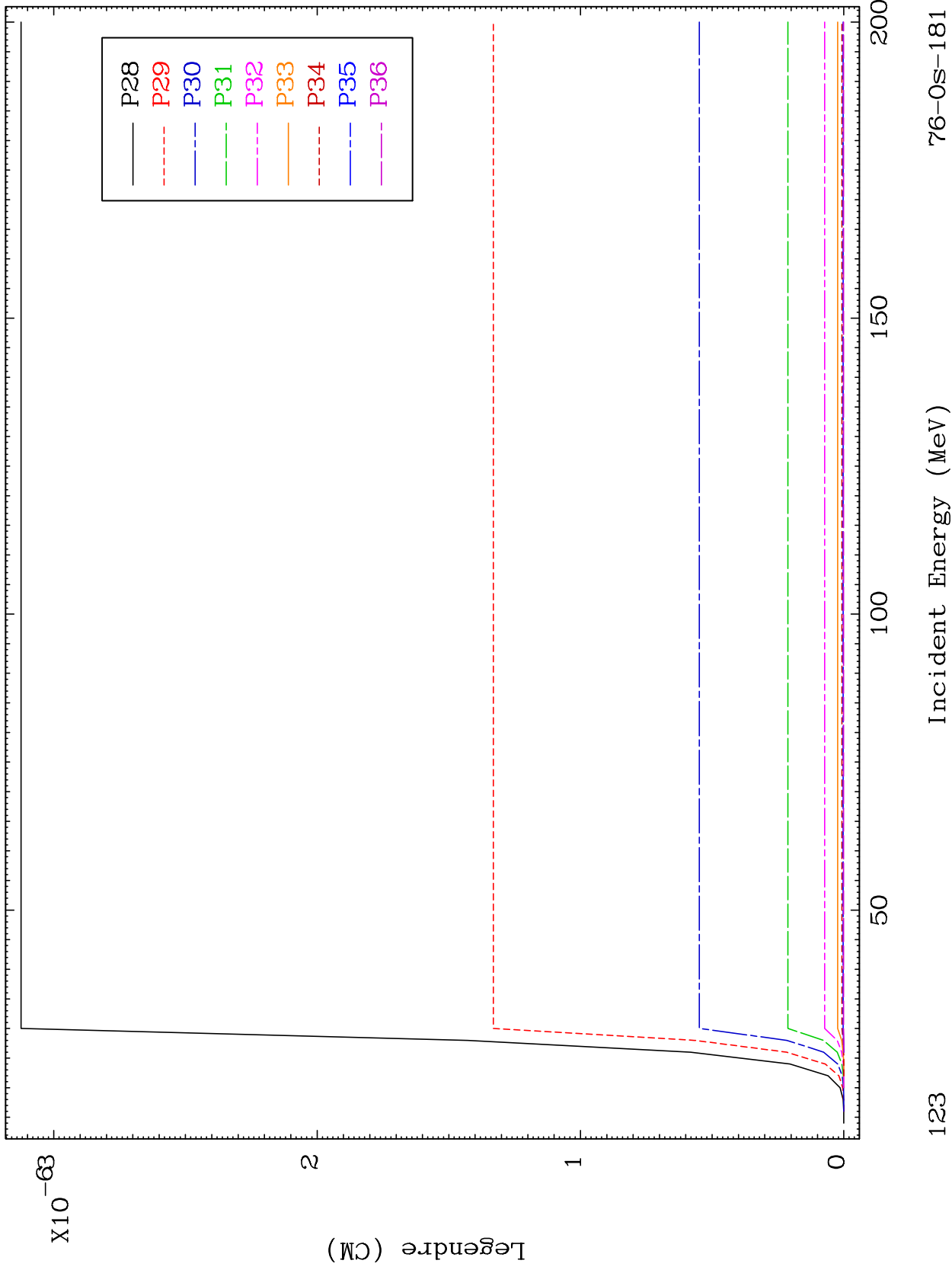
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181

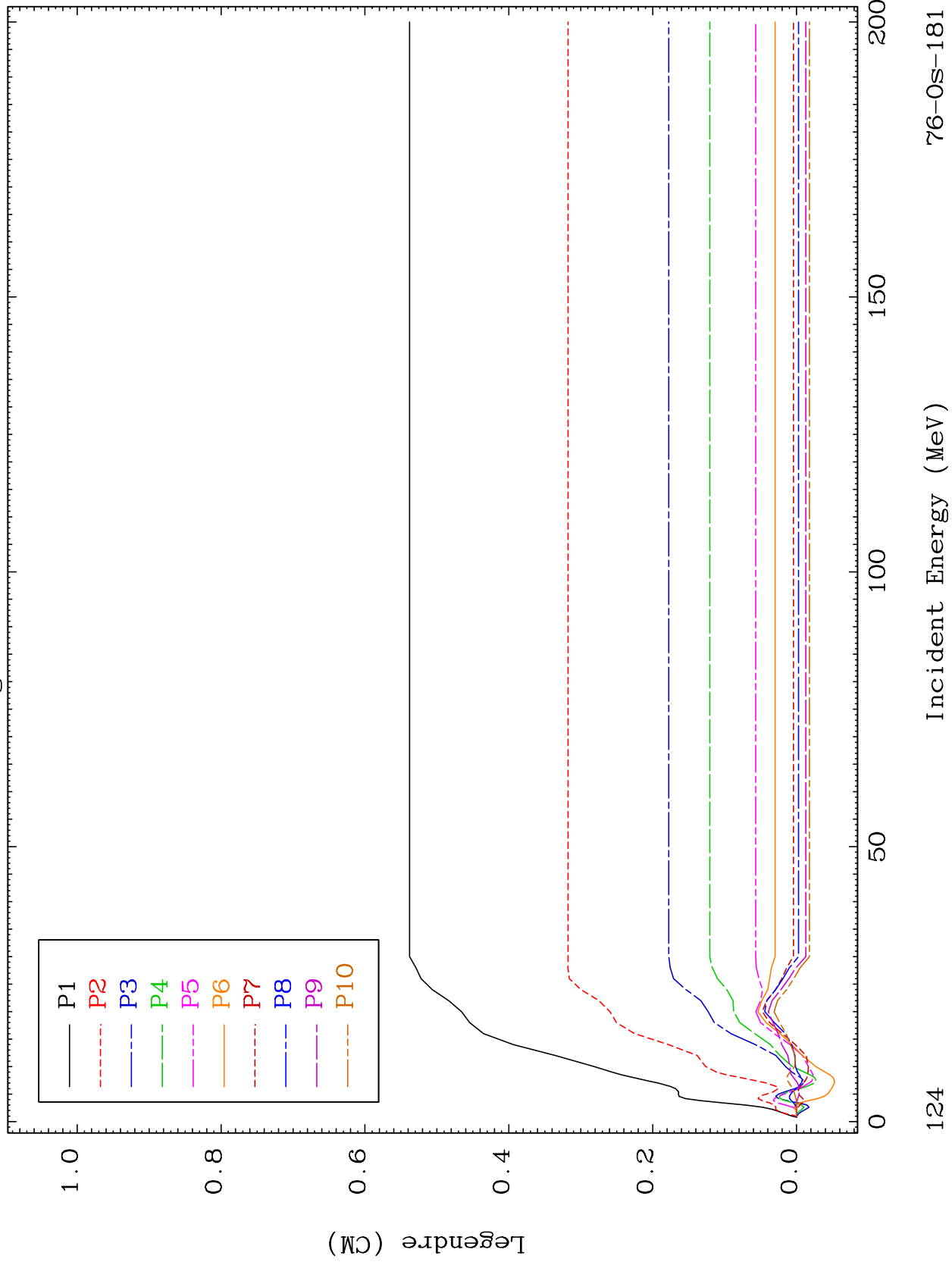


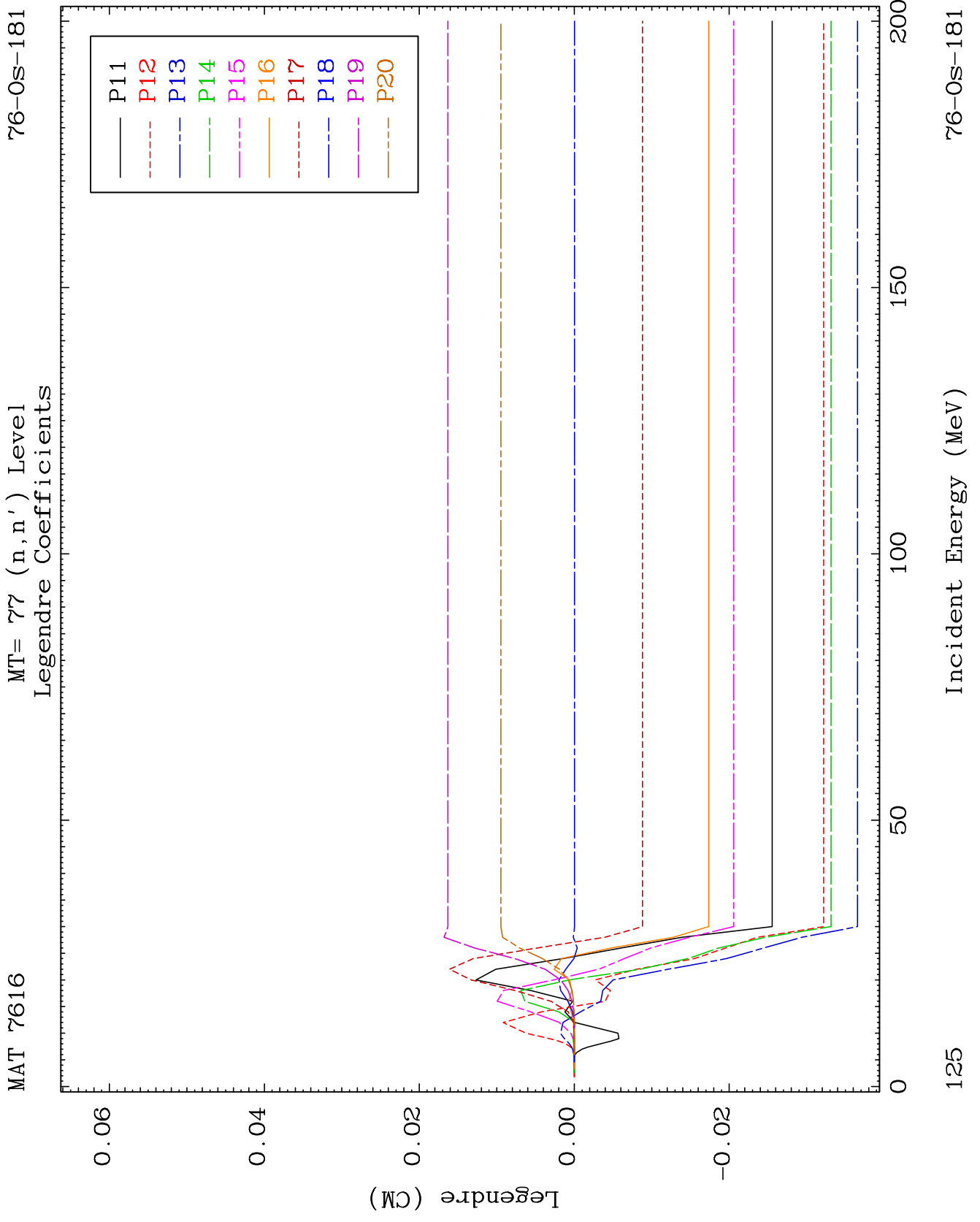
123

MAT 7616

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

76-Os-181

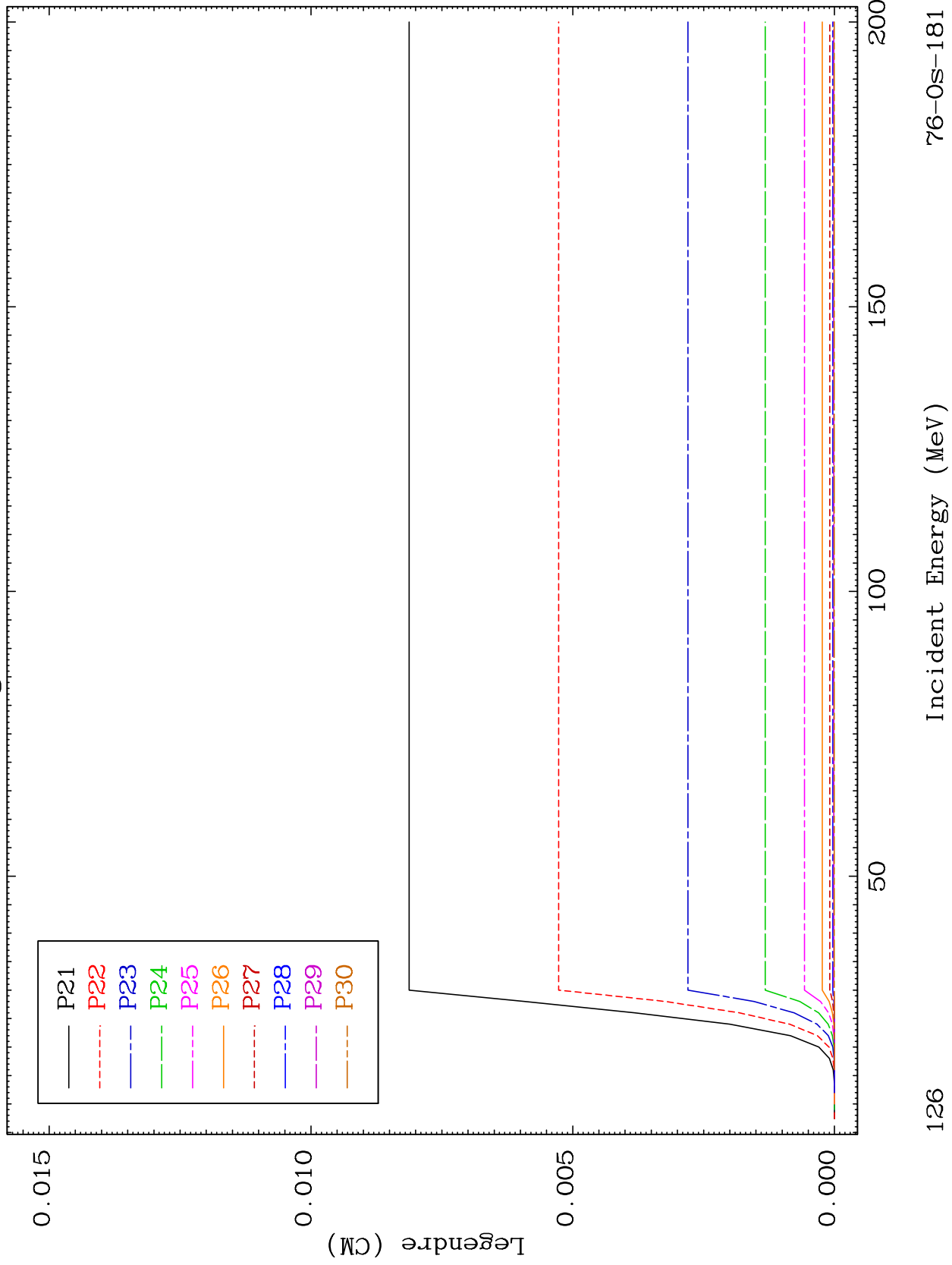




MAT 7616

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

76-Os-181



126

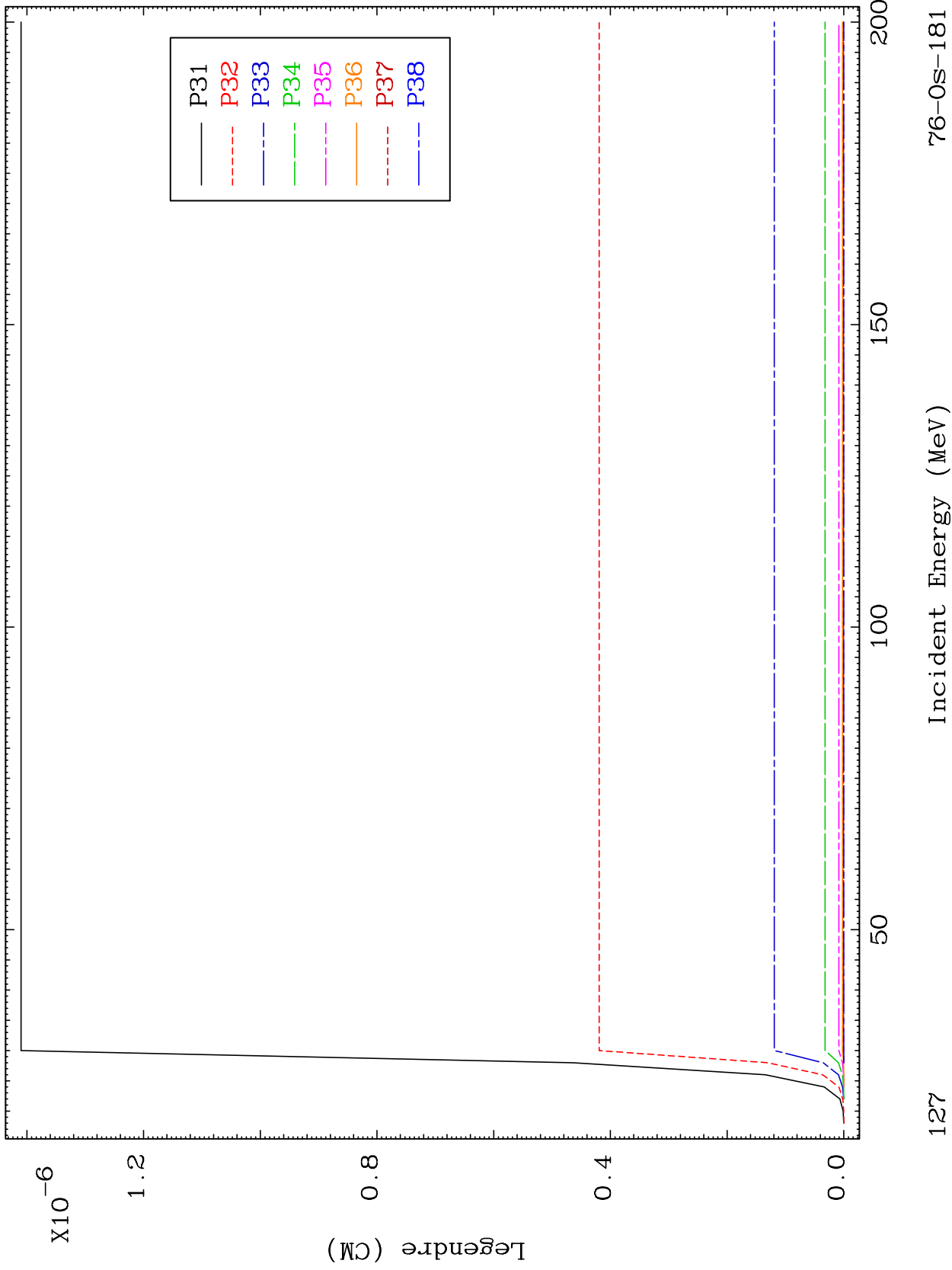
Incident Energy (MeV)

76-Os-181

MAT 7616

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

76-Os-181



127

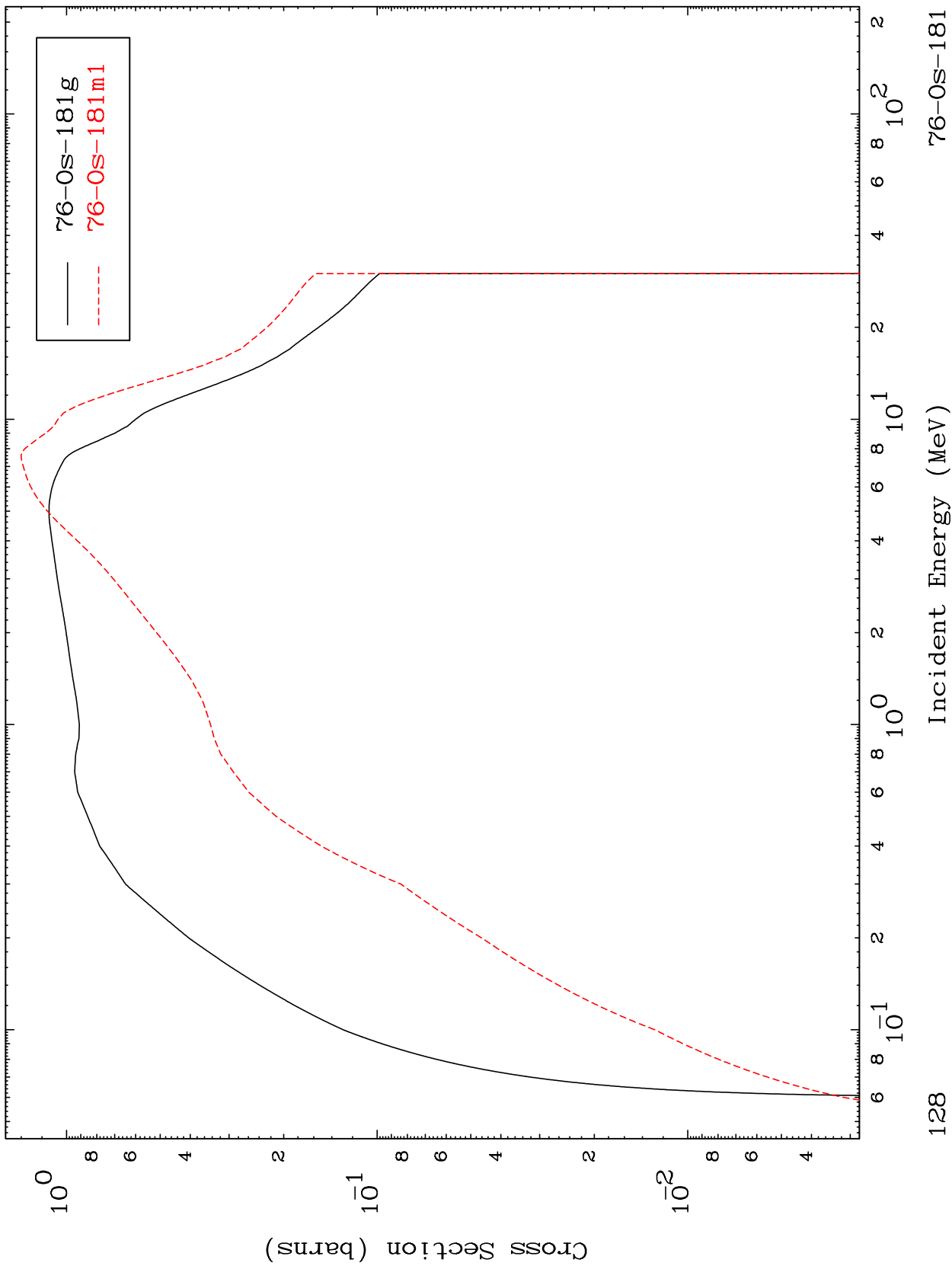
Incident Energy (MeV)

76-Os-181

MAT 7616

76-Os-181

Inelastic
Radionuclide Production Cross Section



128

76-Os-181

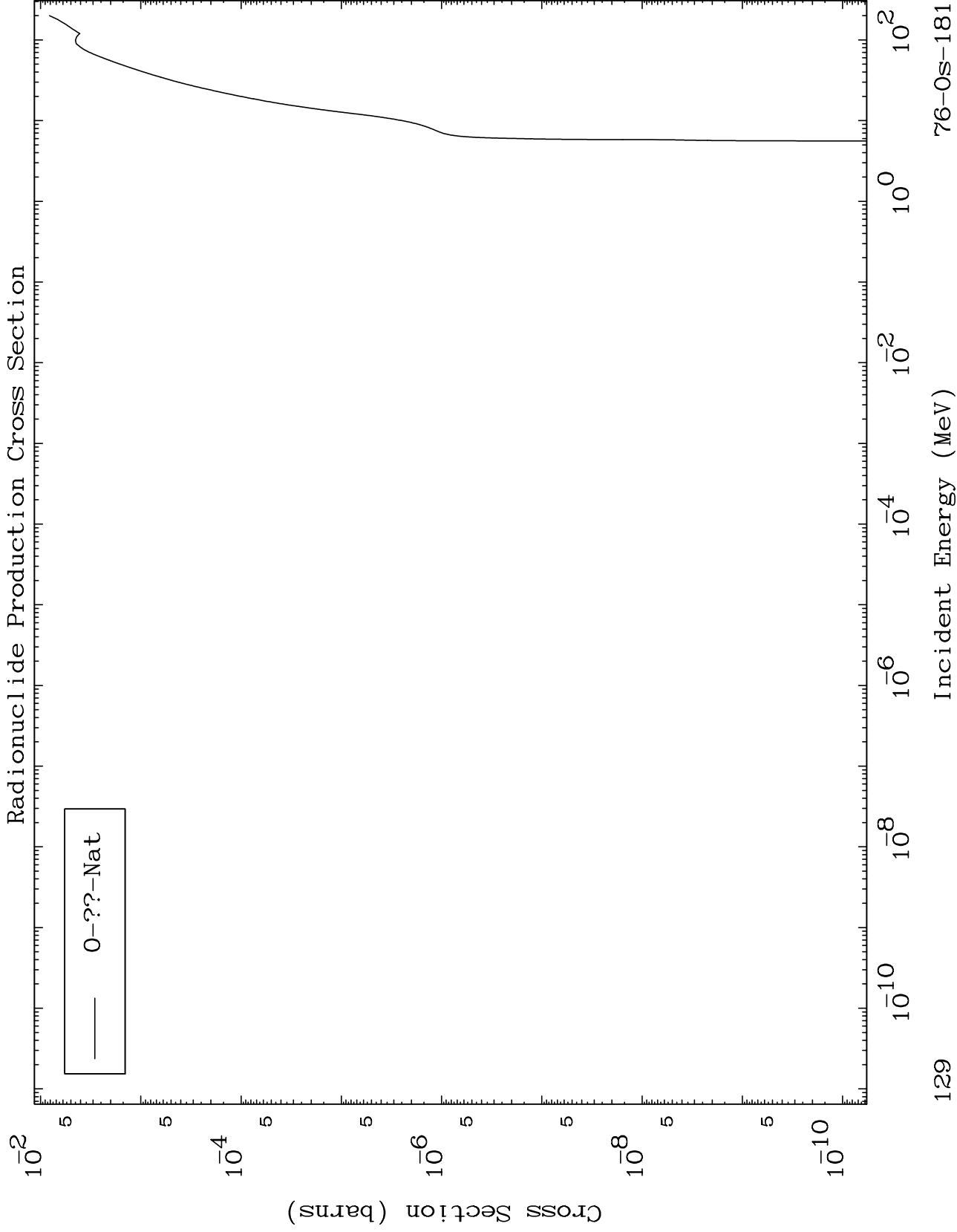
Incident Energy (MeV)

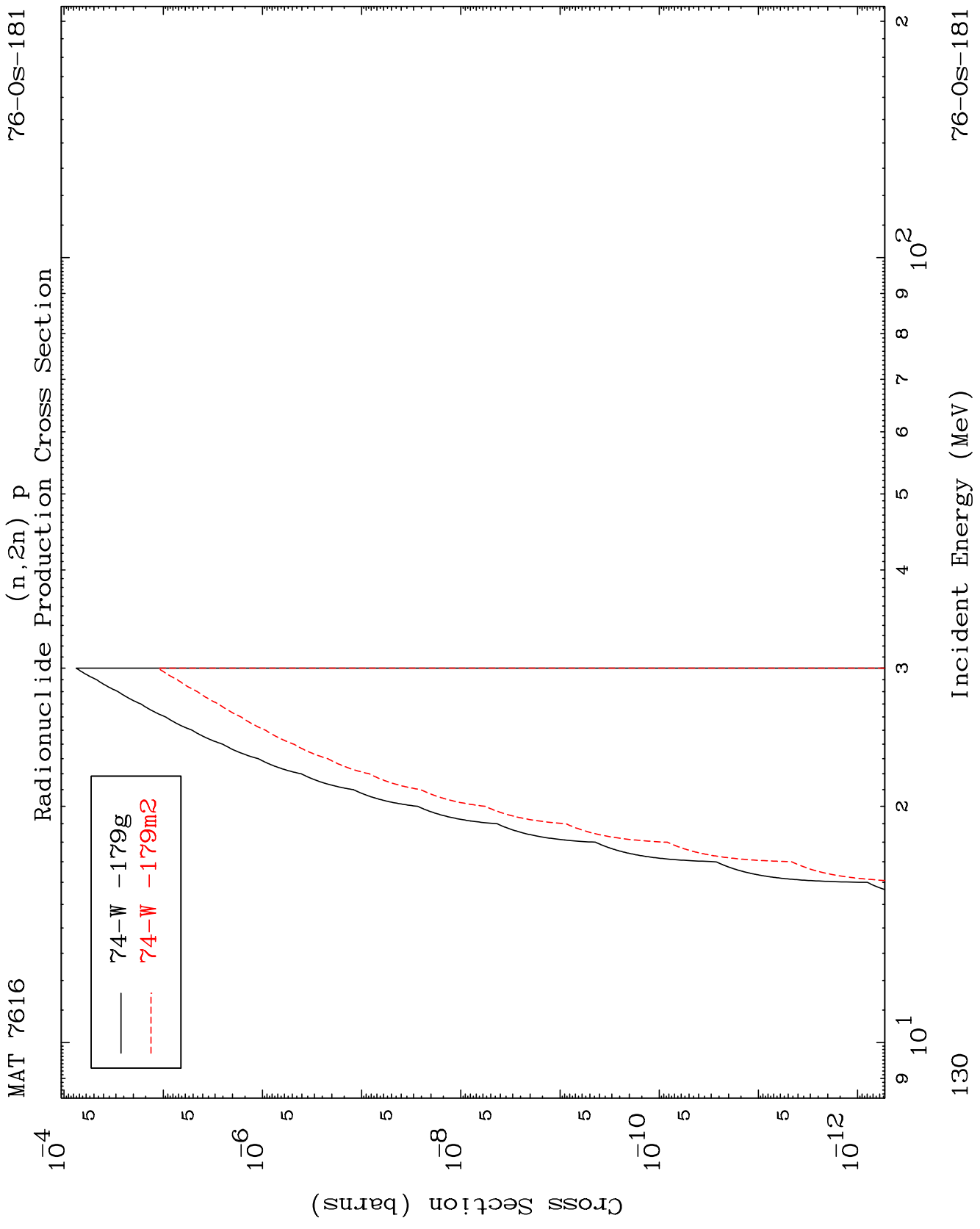
MAT 7616

Fission

76-Os-181

Radionuclide Production Cross Section

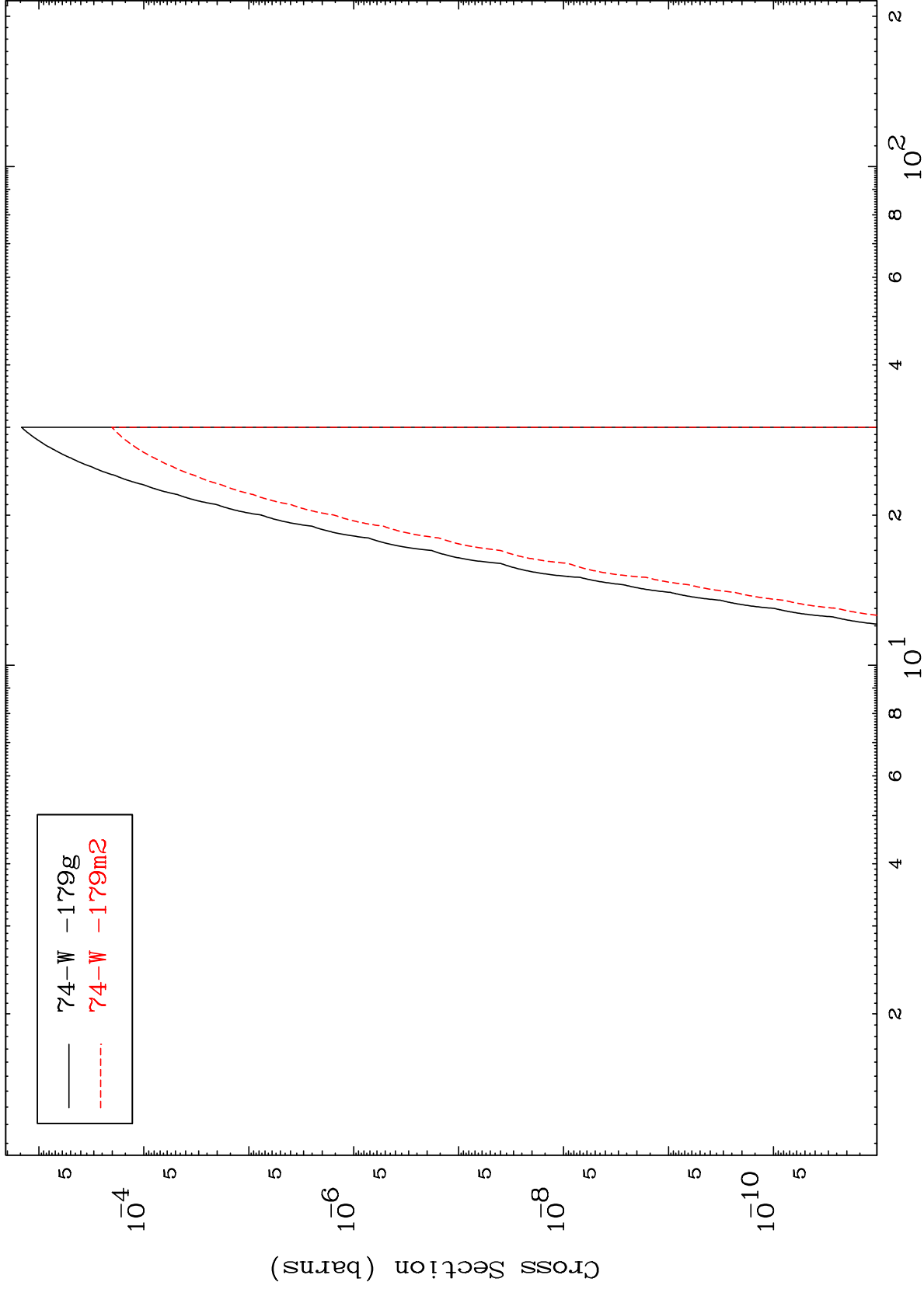




MAT 7616

76-Os-181

(n,He-3)
Radionuclide Production Cross Section



131

76-Os-181

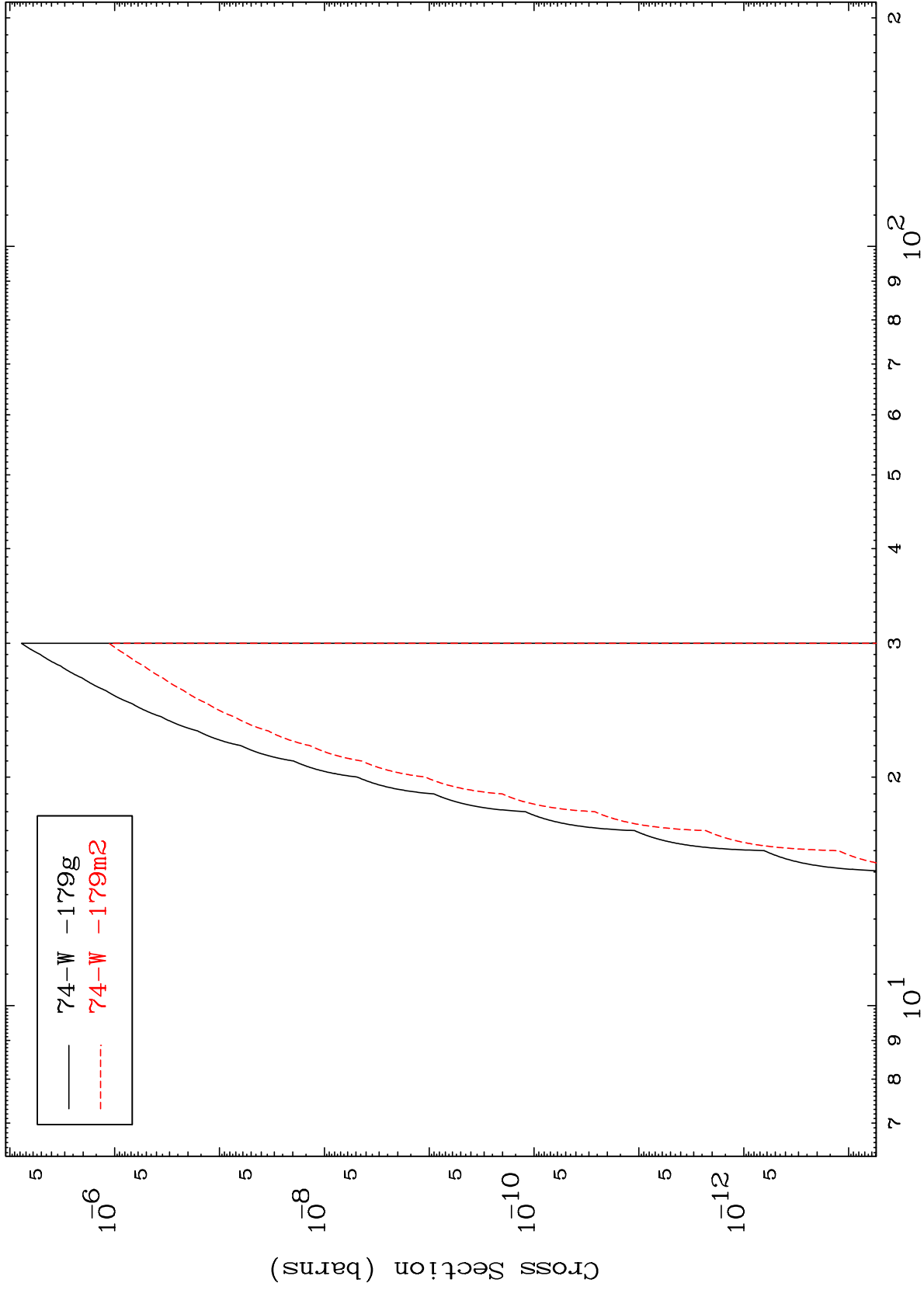
Incident Energy (MeV)

MAT 7616

(n,p) d

76-Os-181

Radionuclide Production Cross Section



132

Incident Energy (MeV)

76-Os-181