

Program EVALPLOT  
(Version 2021-1)

by

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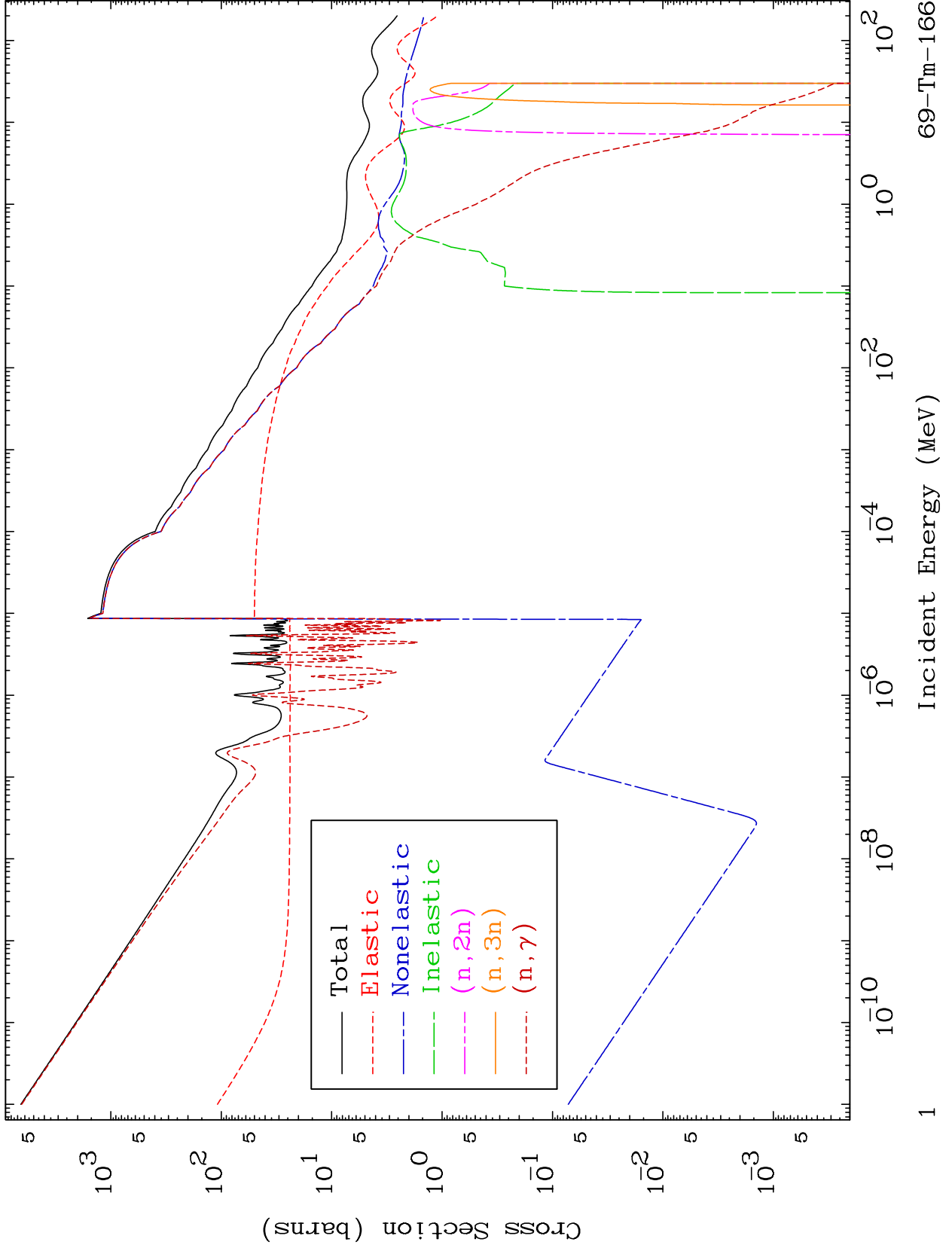
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6916

Neutron Major  
293 Kelvin Cross Sections

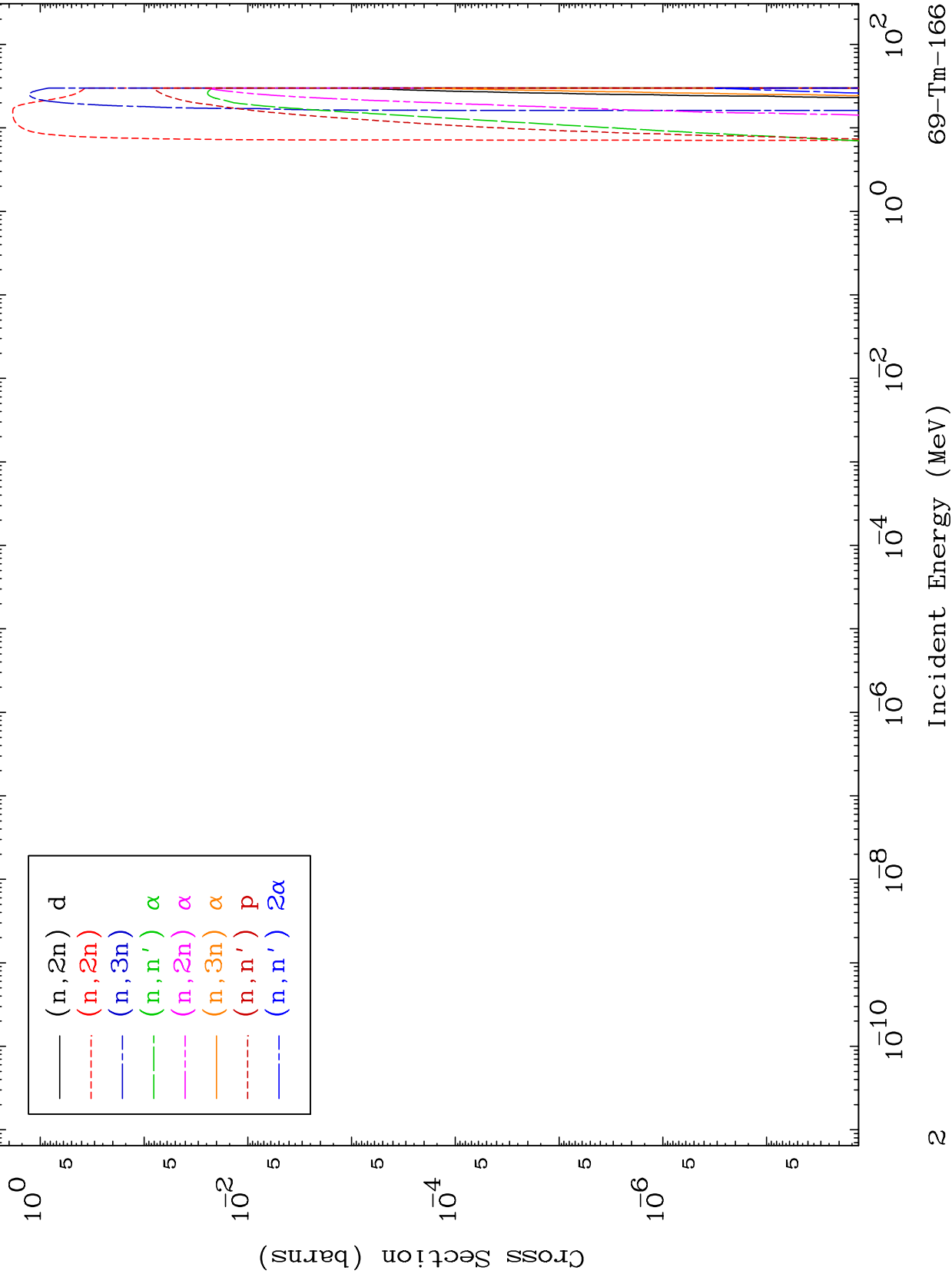
69-Tm-166



MAT 6916

Neutron Absorption  
293 Kelvin Cross Sections

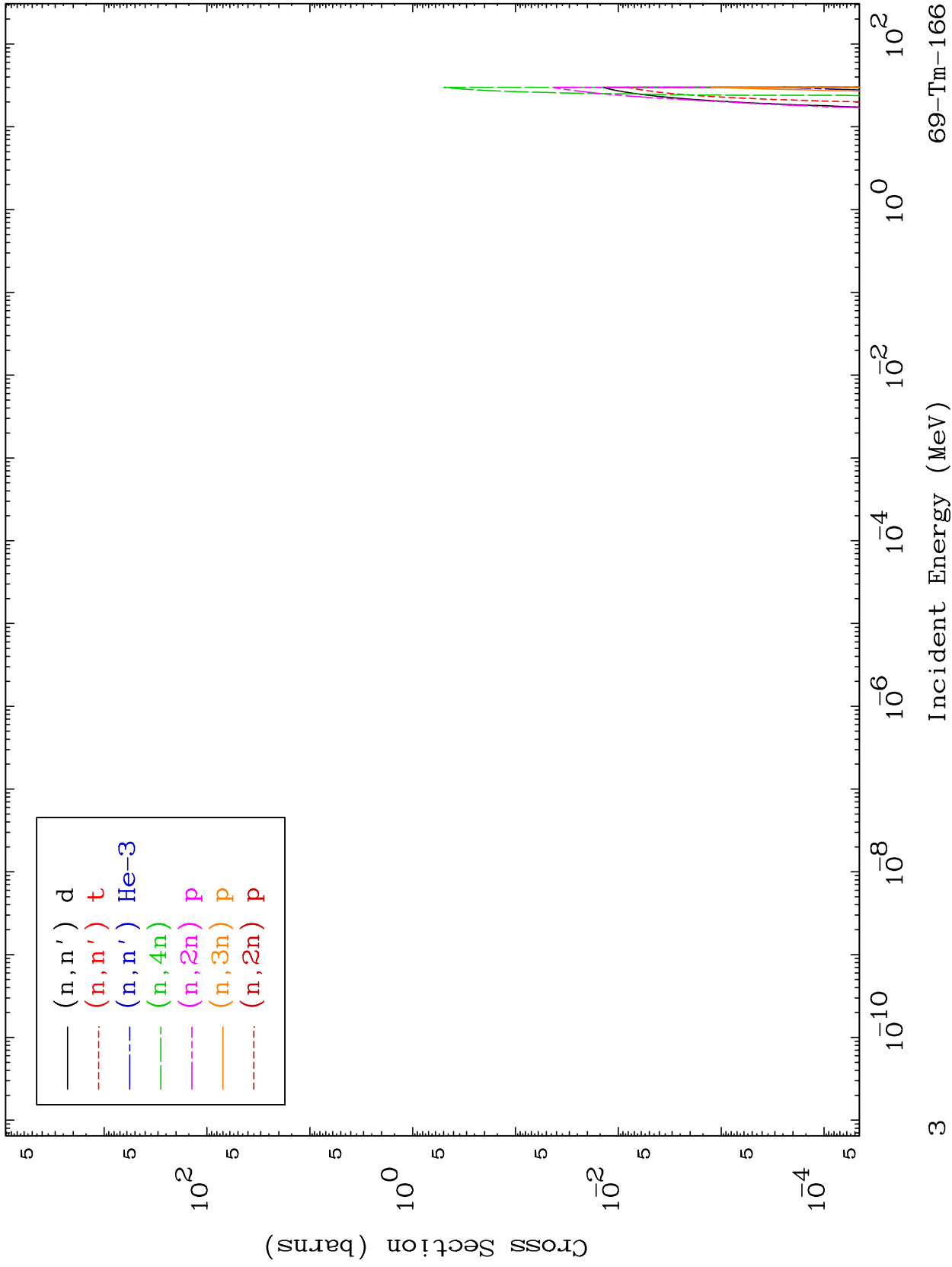
69-Tm-166



MAT 6916

Neutron Absorption  
293 Kelvin Cross Sections

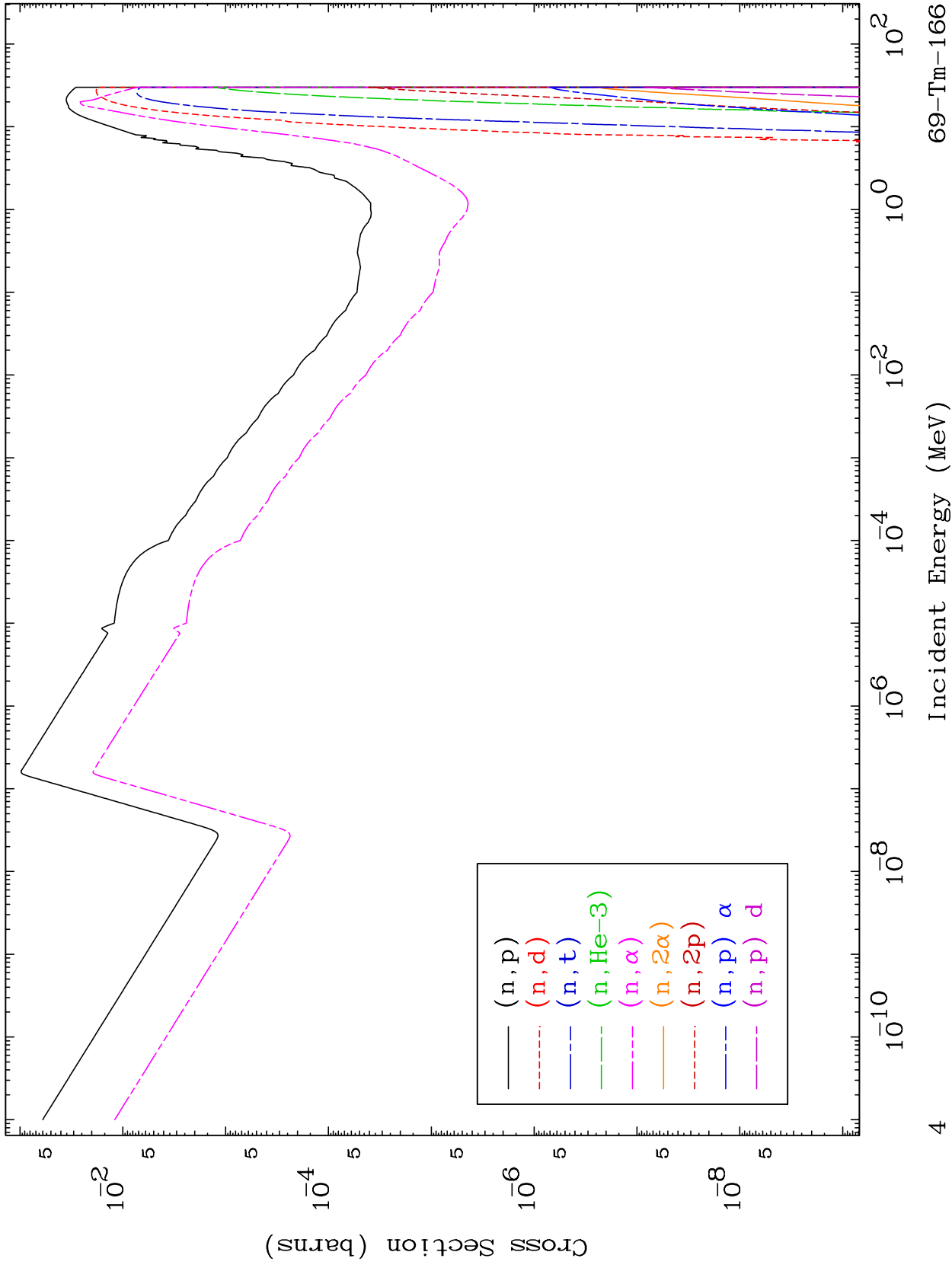
69-Tm-166

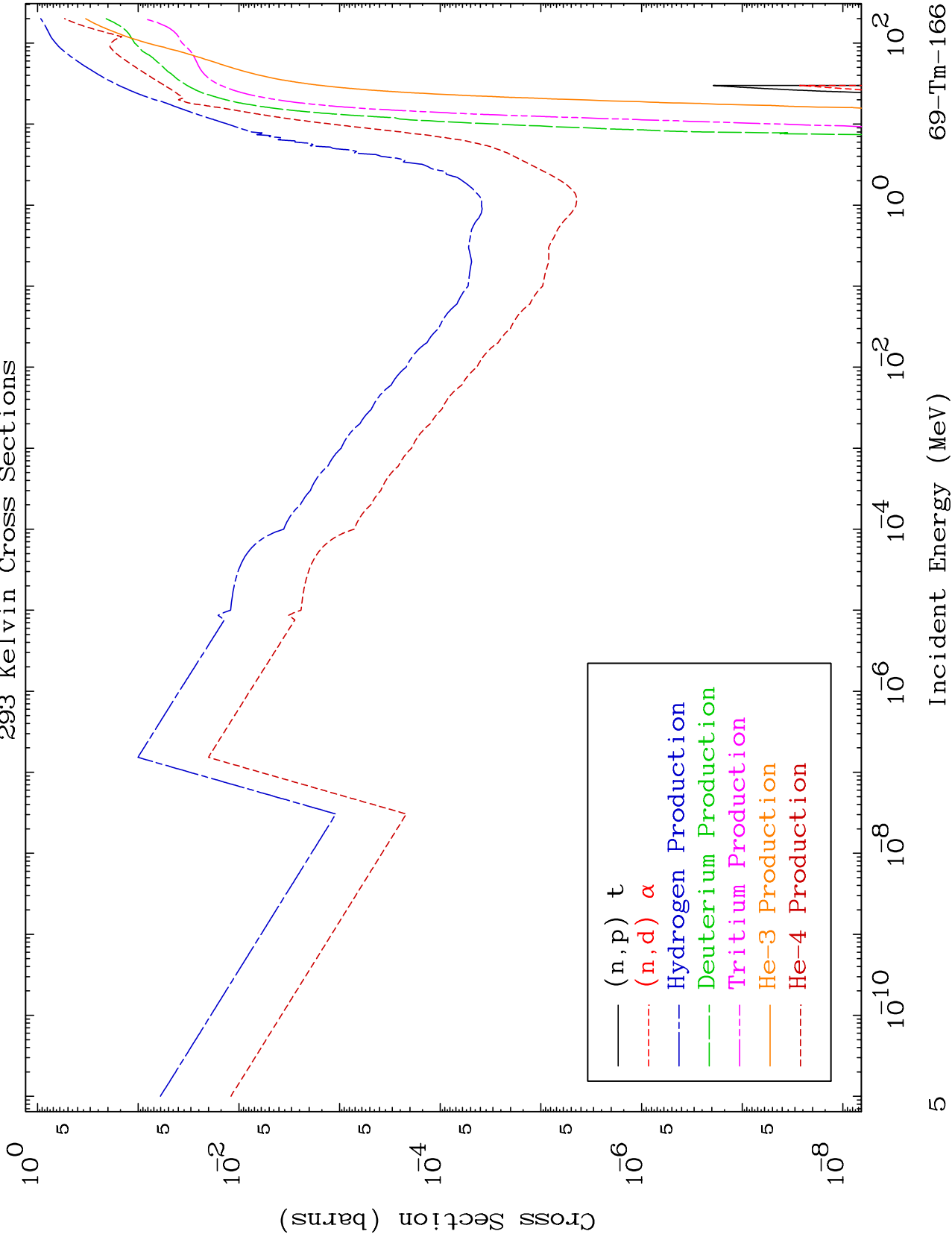


MAT 6916

Neutron Absorption  
293 Kelvin Cross Sections

69-Tm-166

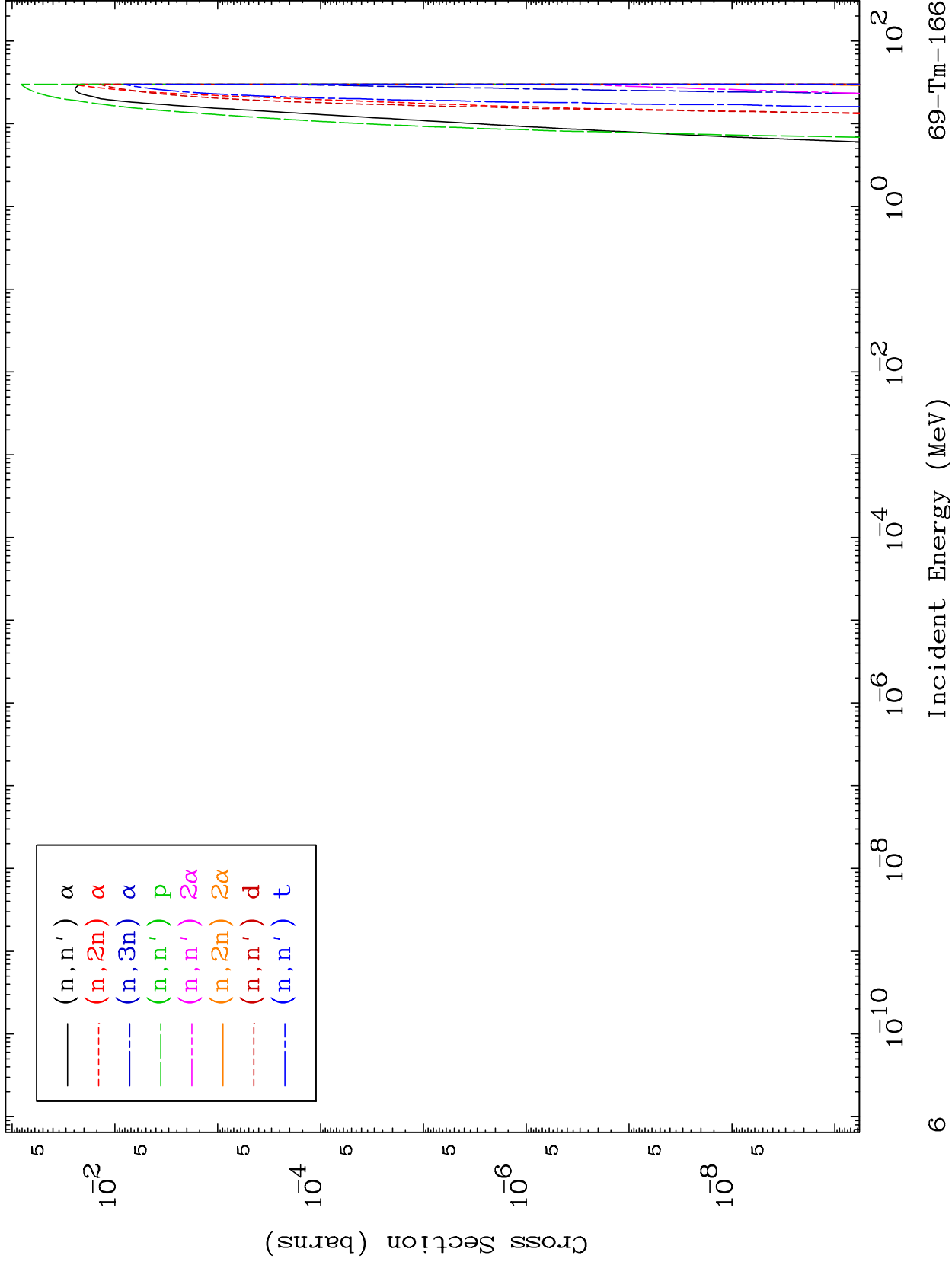




MAT 6916

Charged Particle  
293 Kelvin Cross Sections

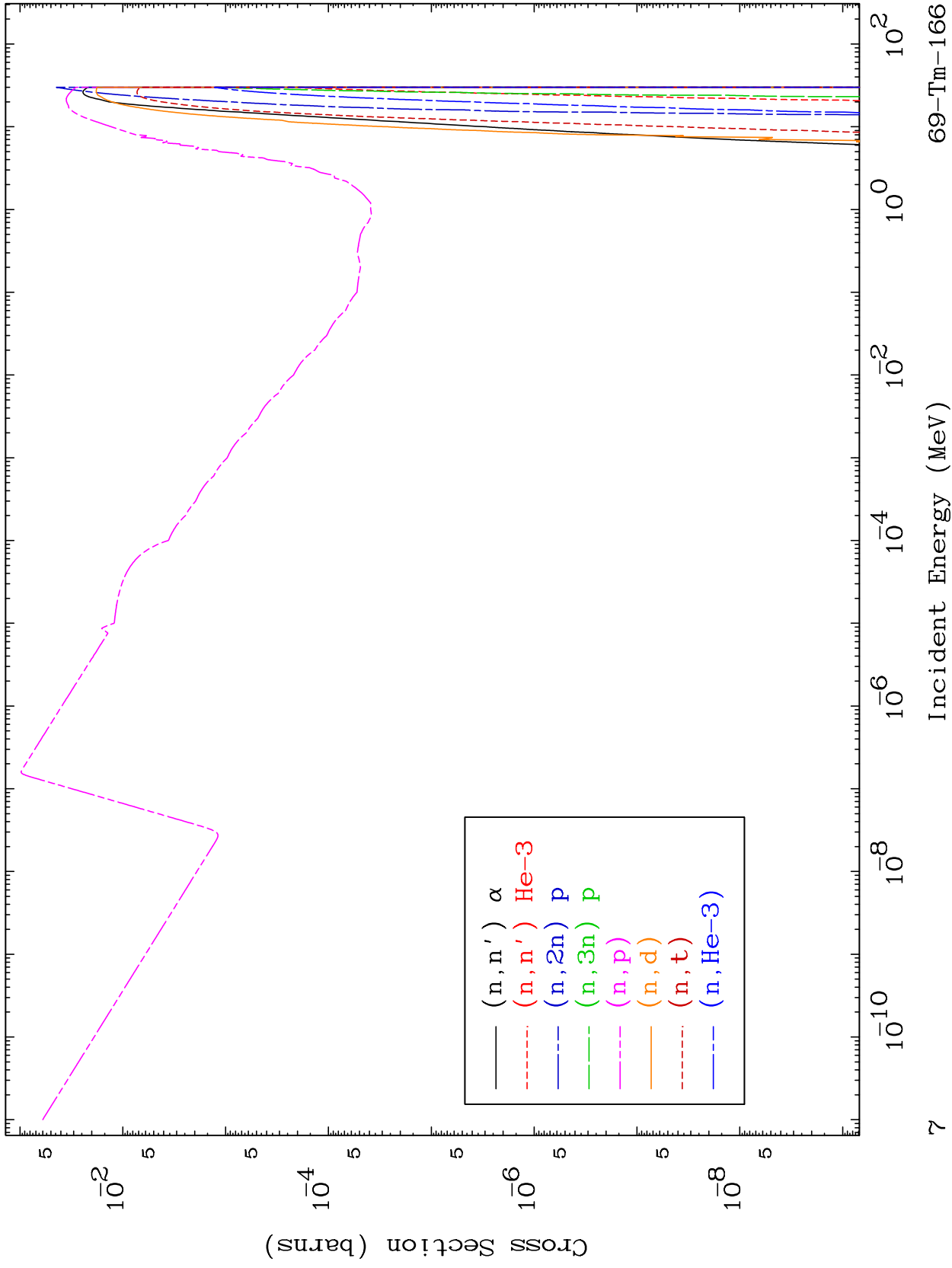
69-Tm-166



MAT 6916

Charged Particle  
293 Kelvin Cross Sections

69-Tm-166

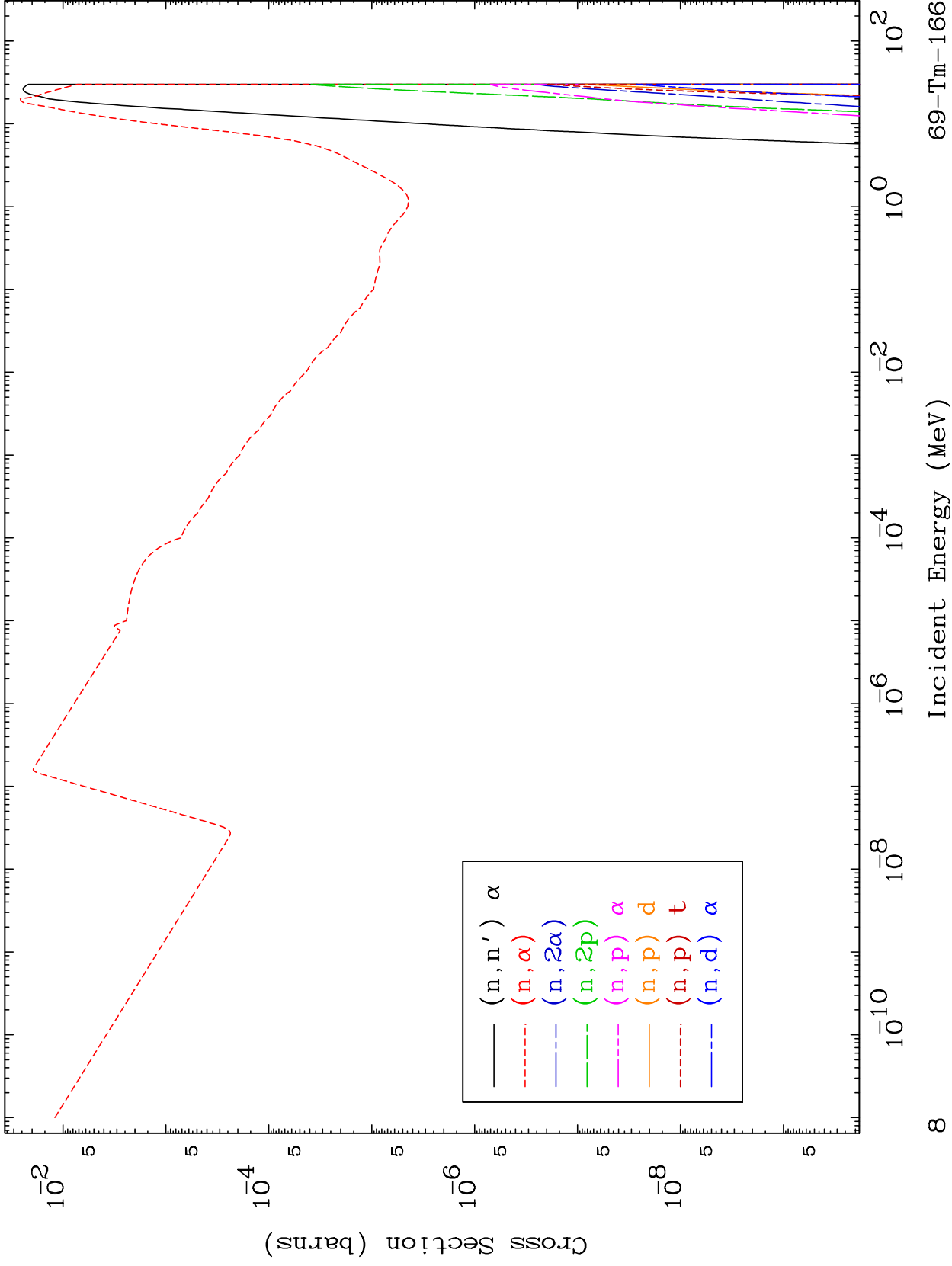




MAT 6916

Charged Particle  
293 Kelvin Cross Sections

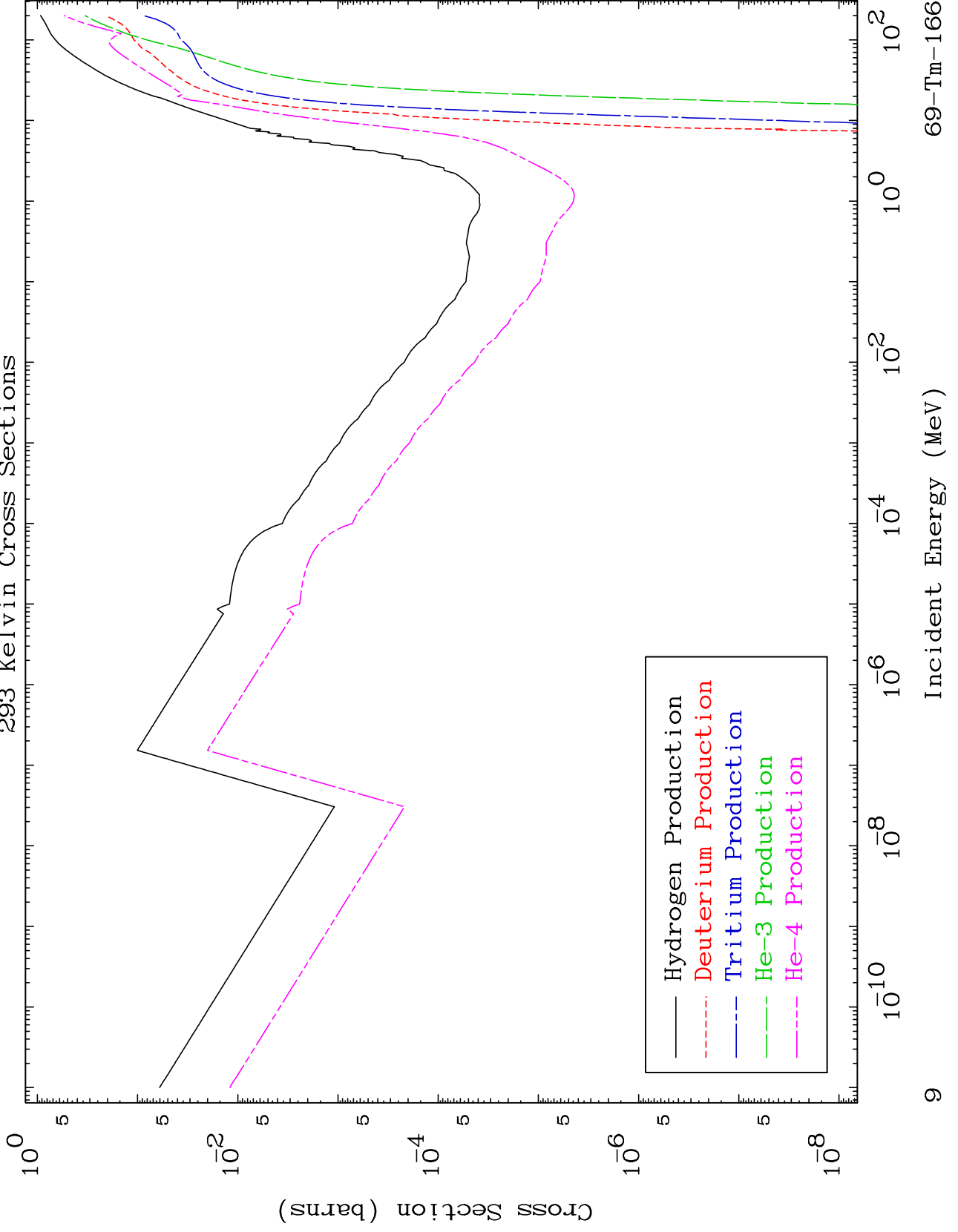
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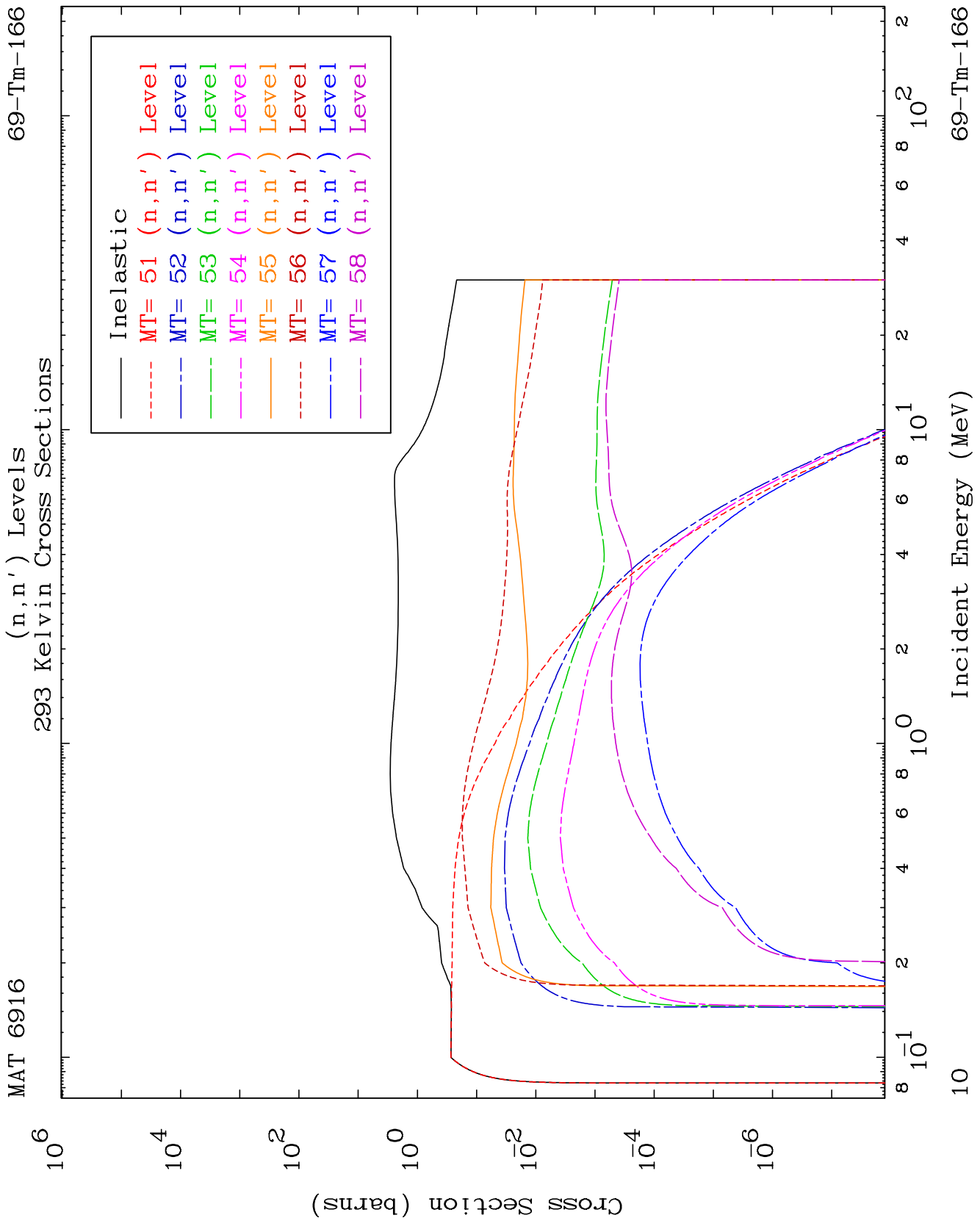


MAT 6916

Particle Production  
293 Kelvin Cross Sections

69-Tm-166



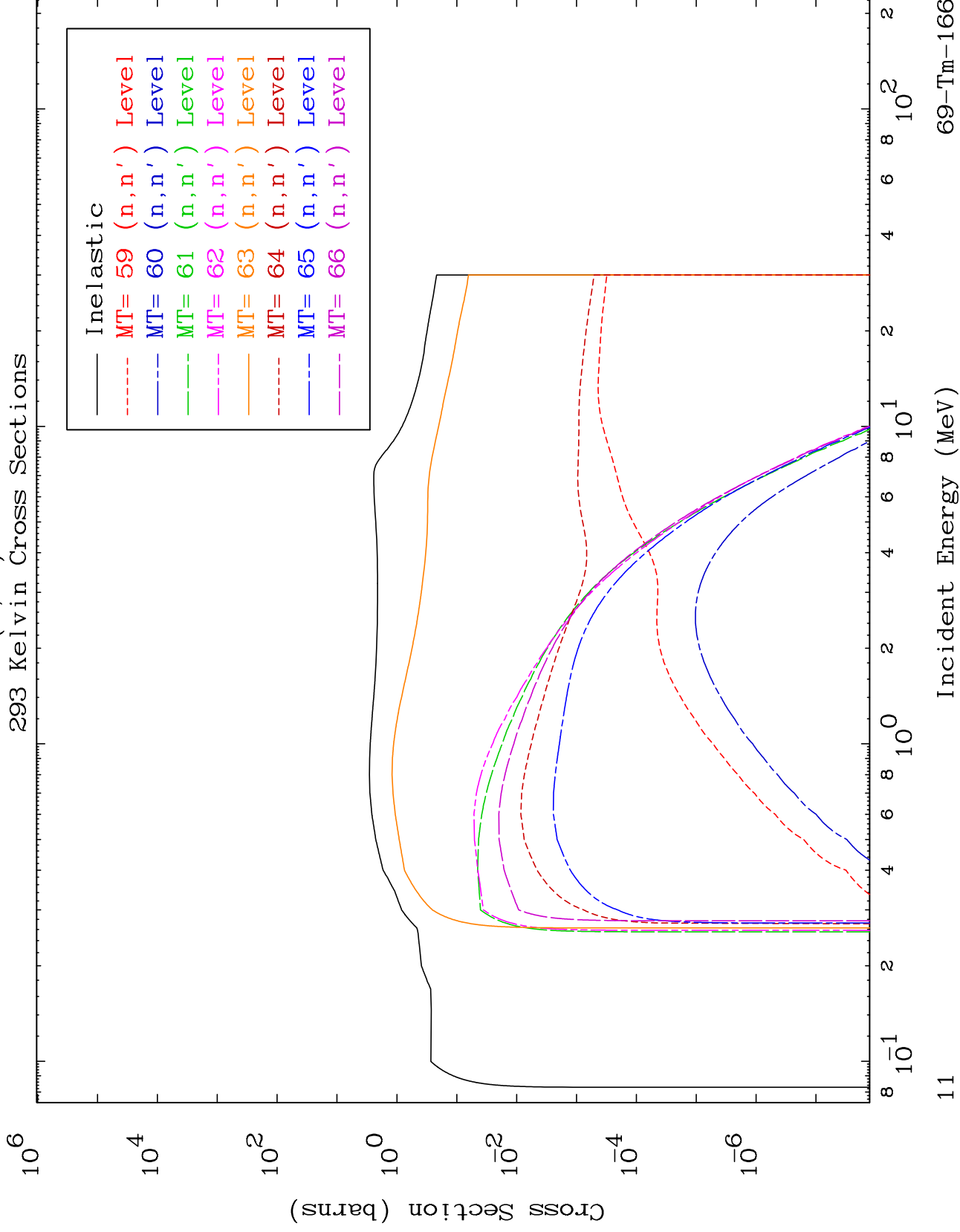


MAT 6916

(n,n') Levels

293 Kelvin Cross Sections

69-Tm-166



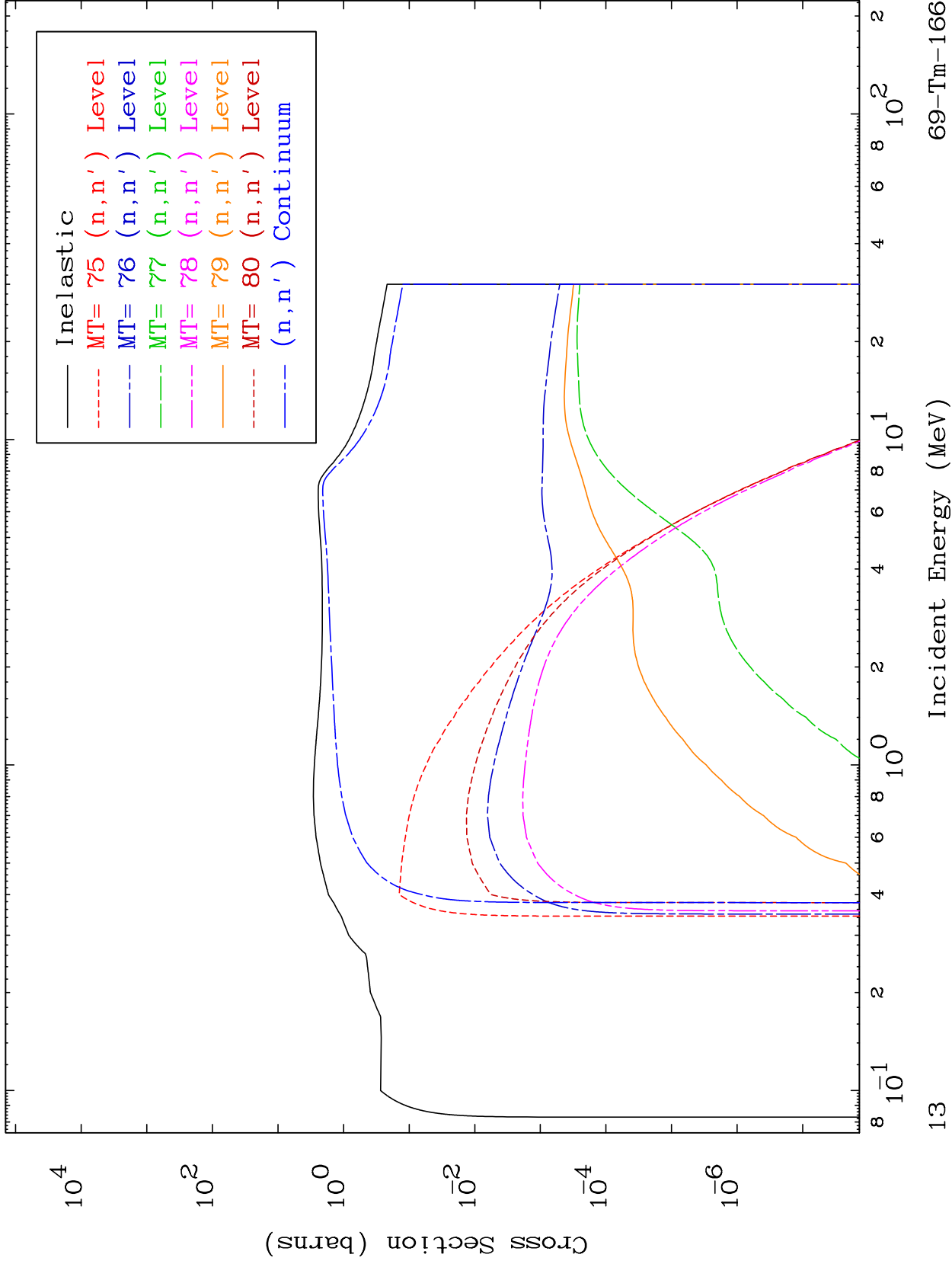


MAT 6916

(n,n') Levels

69-Tm-166

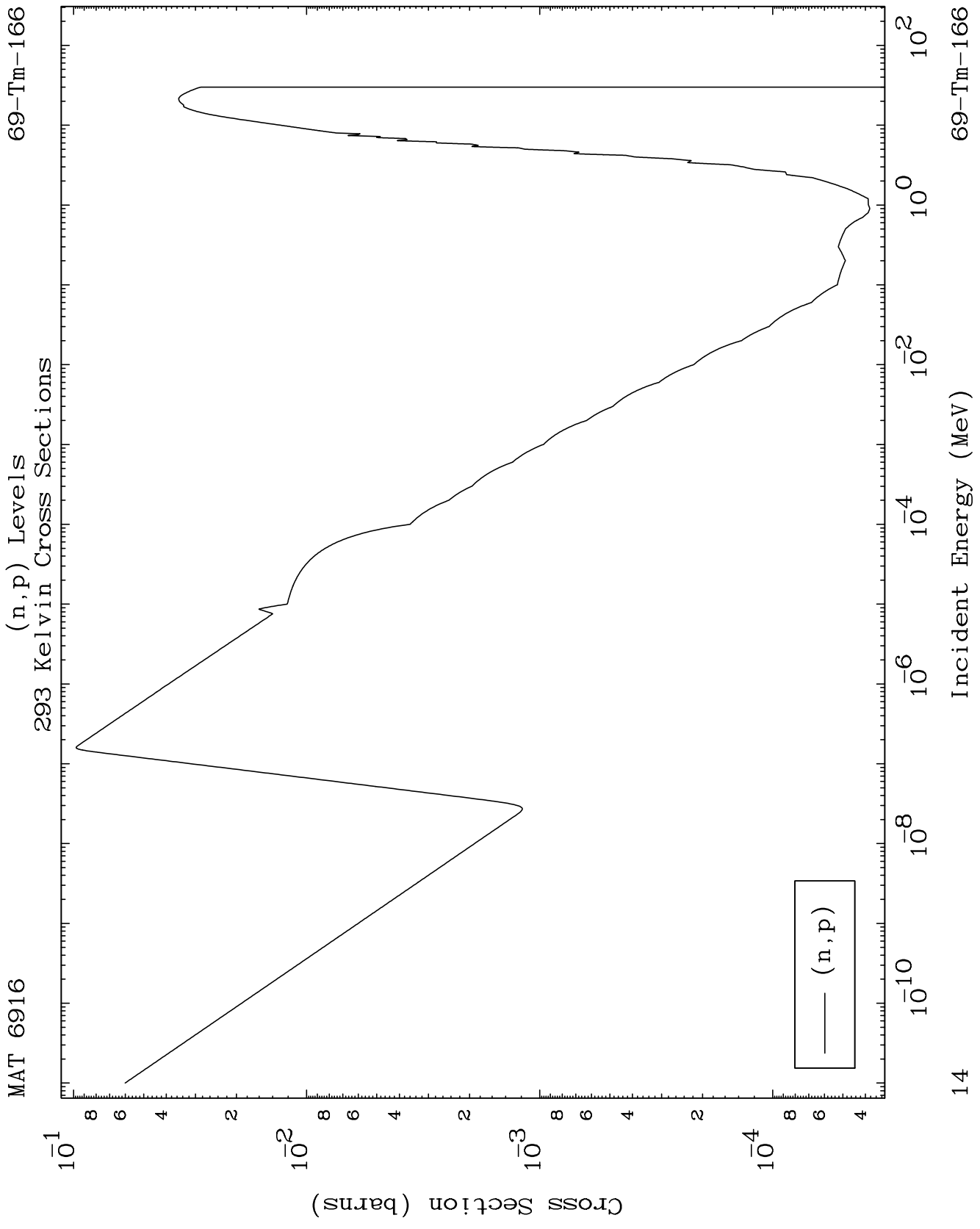
293 Kelvin Cross Sections



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Incident Energy (MeV)

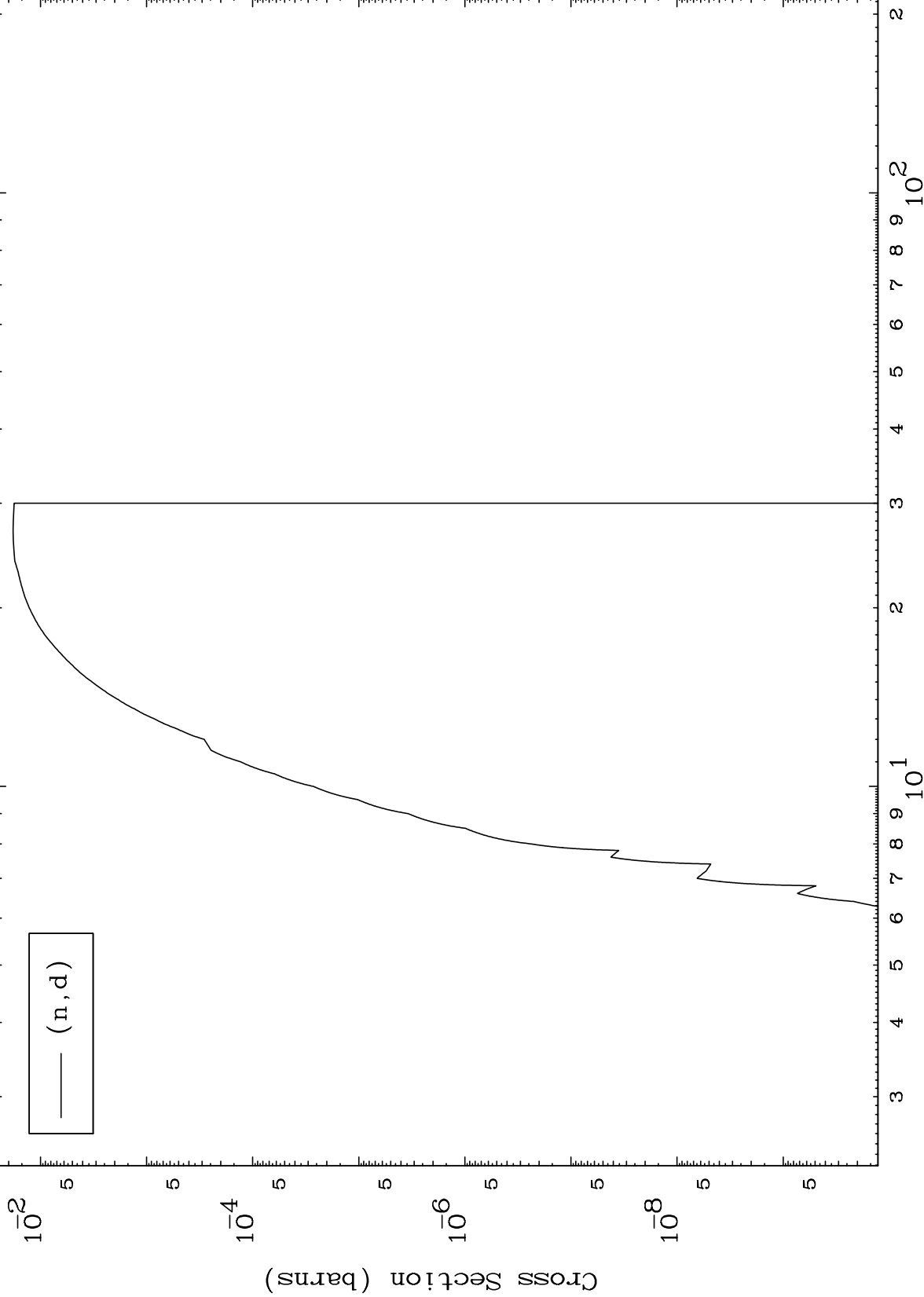
69-Tm-166



MAT 6916

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-166

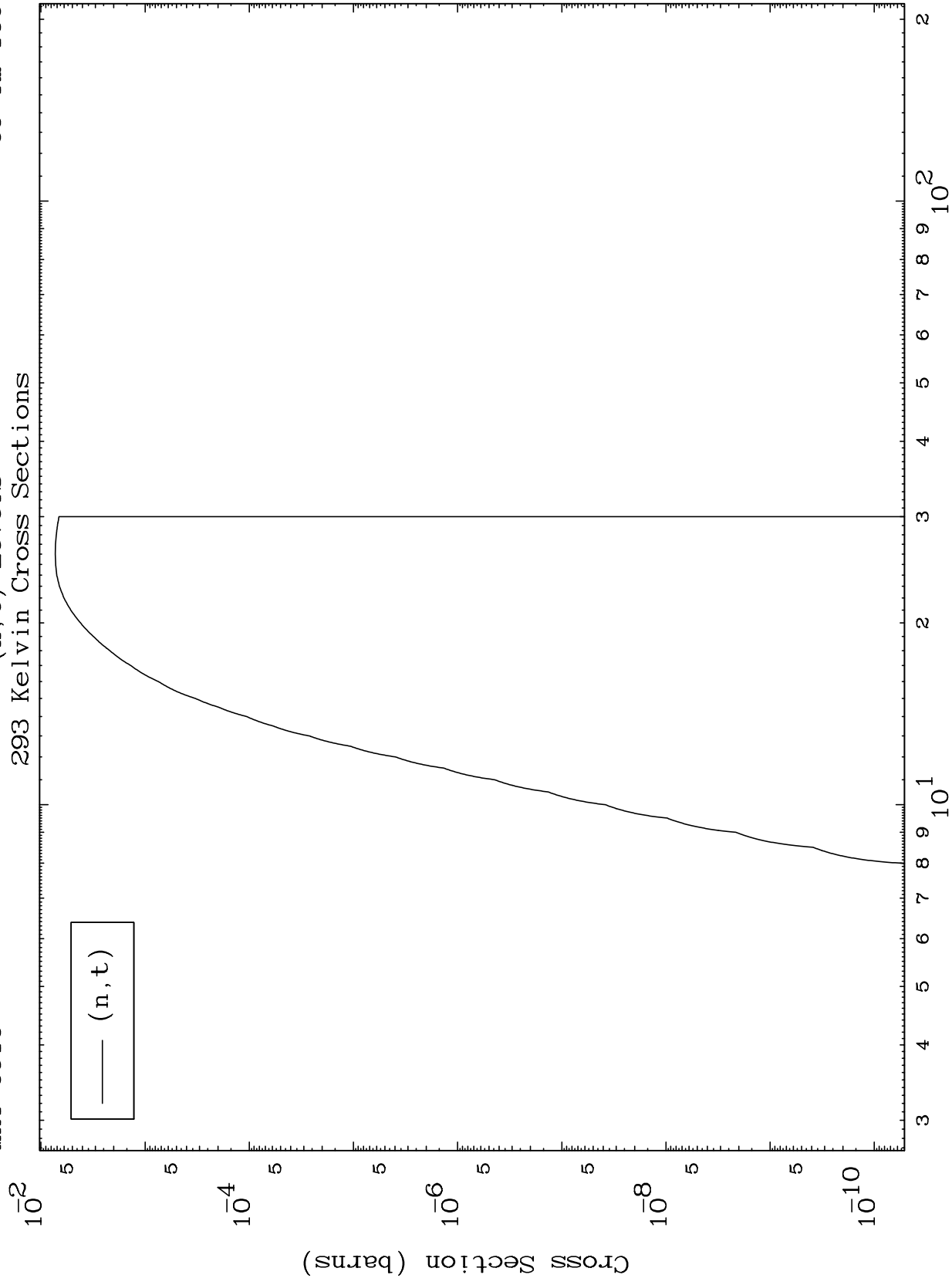




MAT 6916

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-166



16

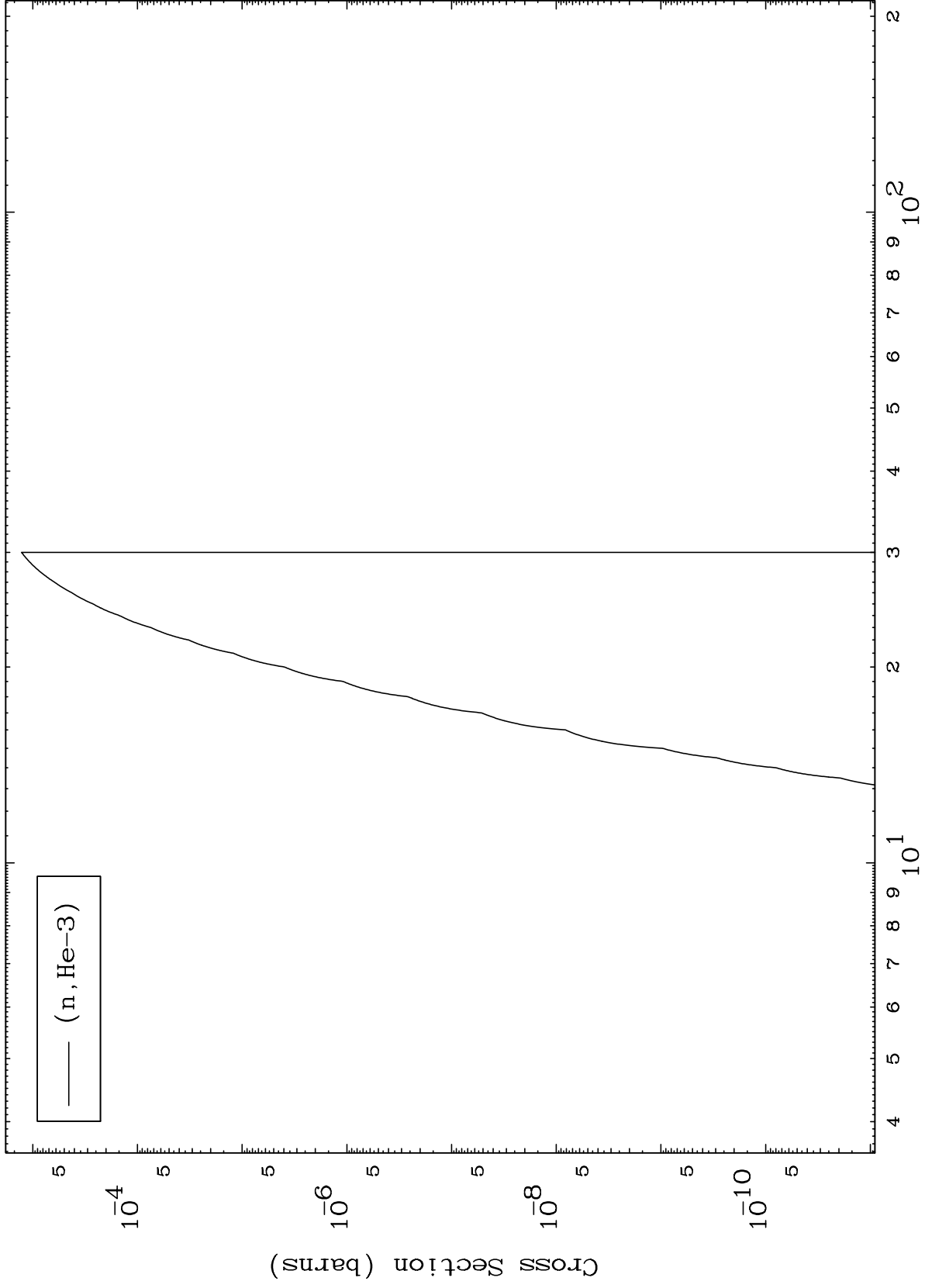
Incident Energy (MeV)

69-Tm-166

MAT 6916

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-166



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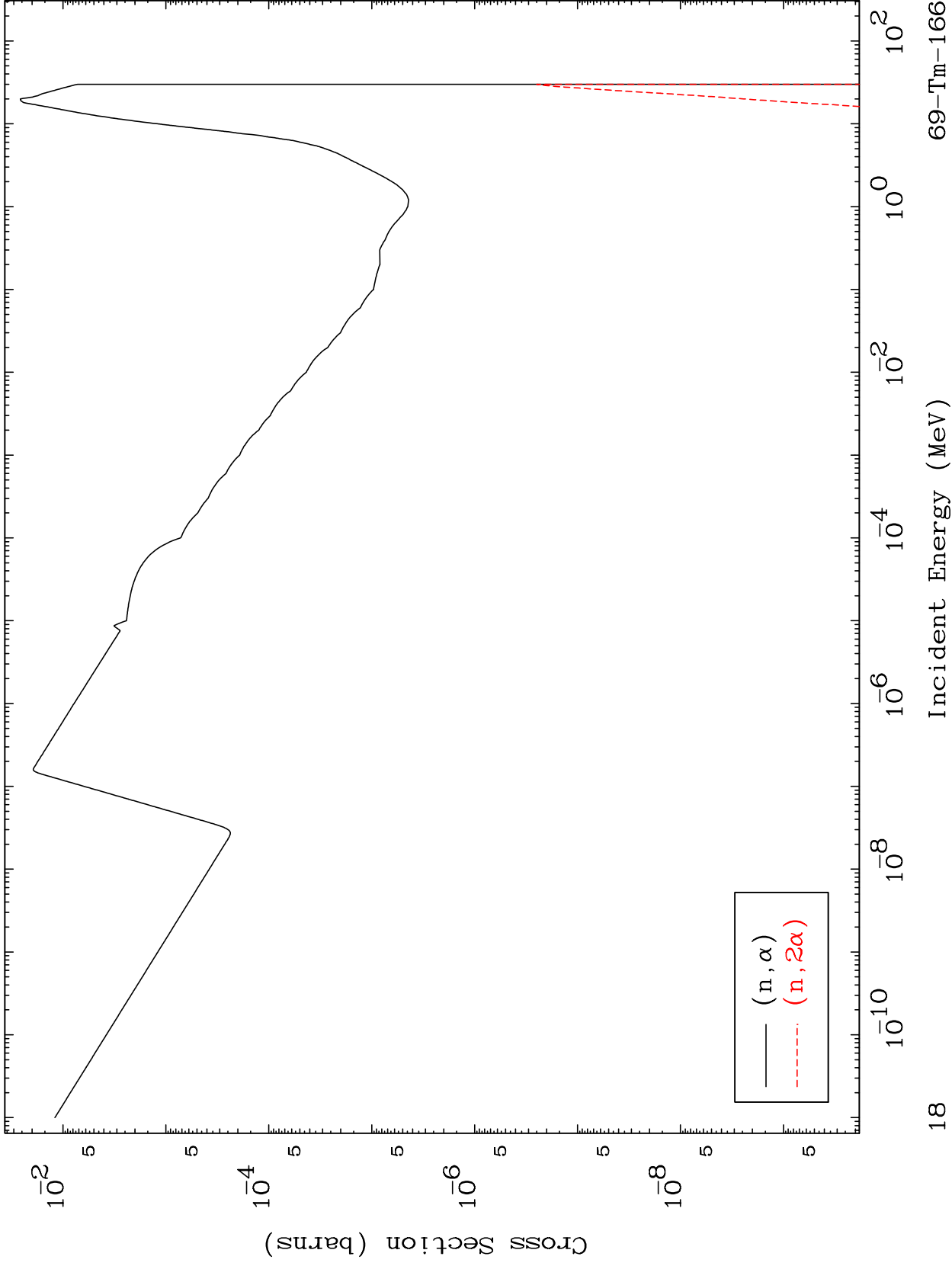
Incident Energy (MeV)

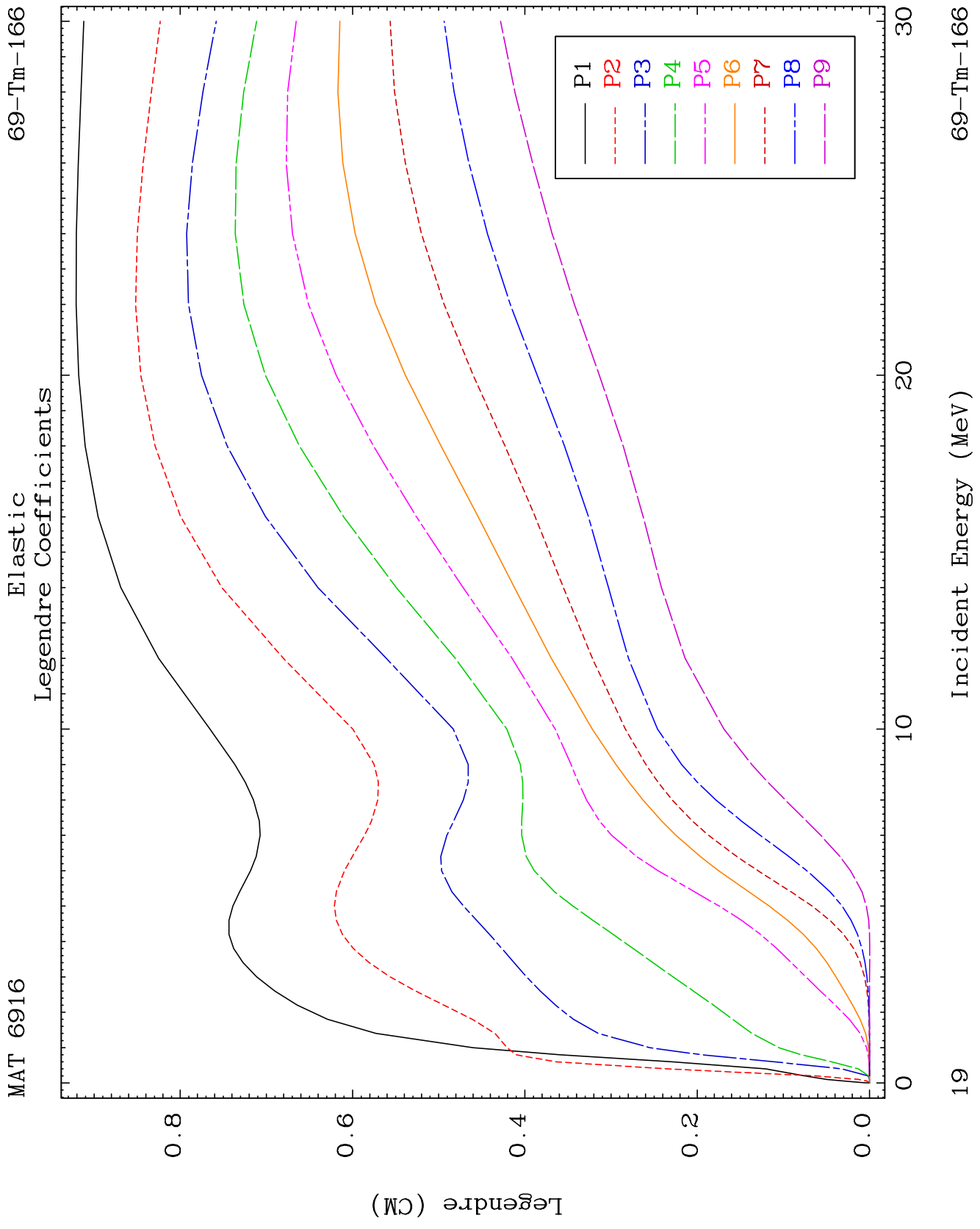
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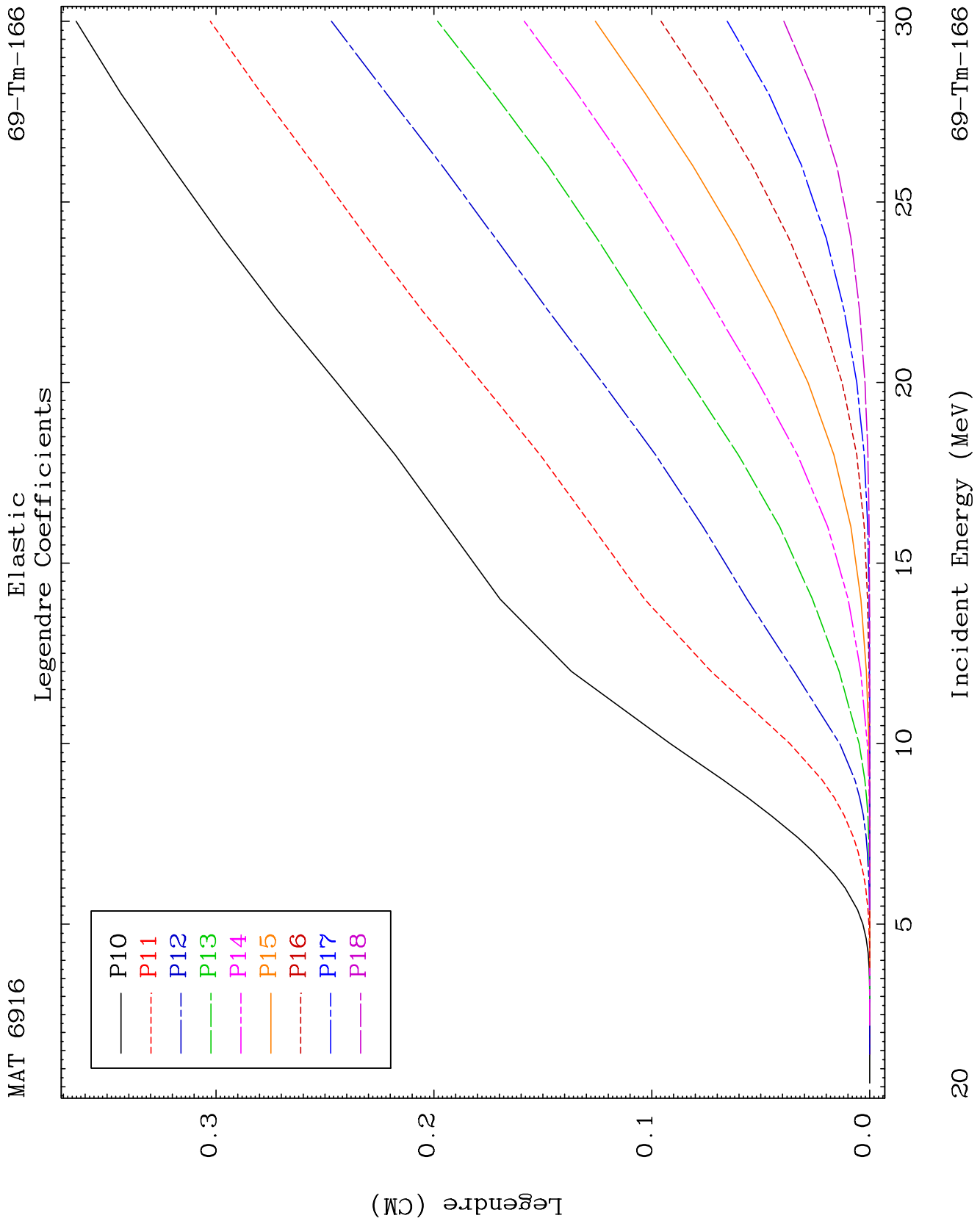
MAT 6916

(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-166







MAT 6916

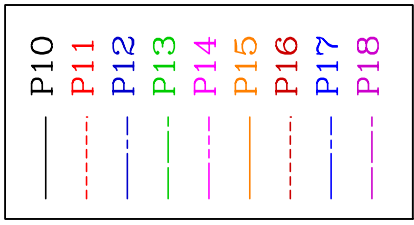
69-Tm-166

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69-Tm-166

Incident Energy (MeV)

Elastic Legendre Coefficients



0.3

0.2

0.1

0.0

5

10

15

20

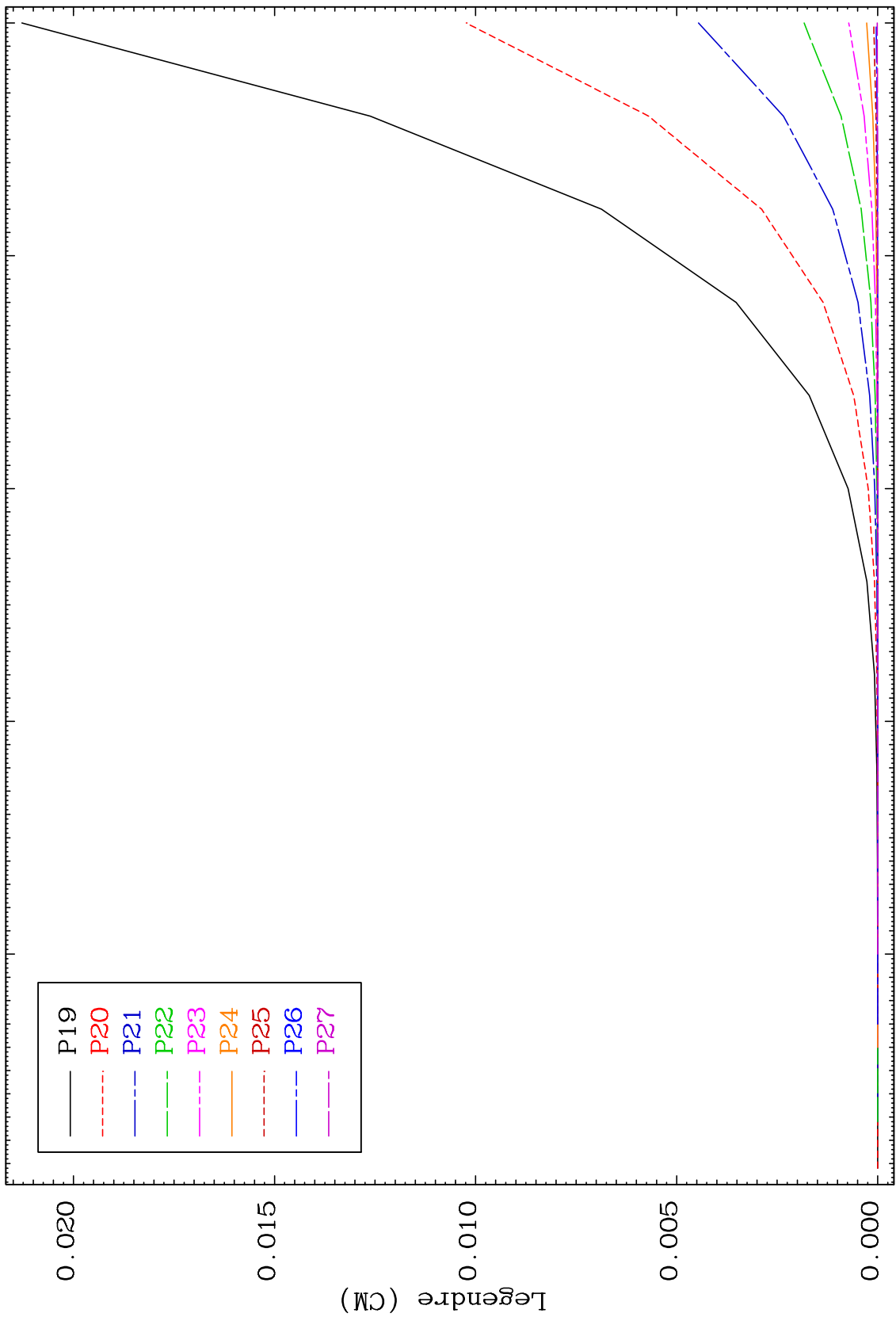
25

30

MAT 6916

### Elastic Legendre Coefficients

69-Tm-166



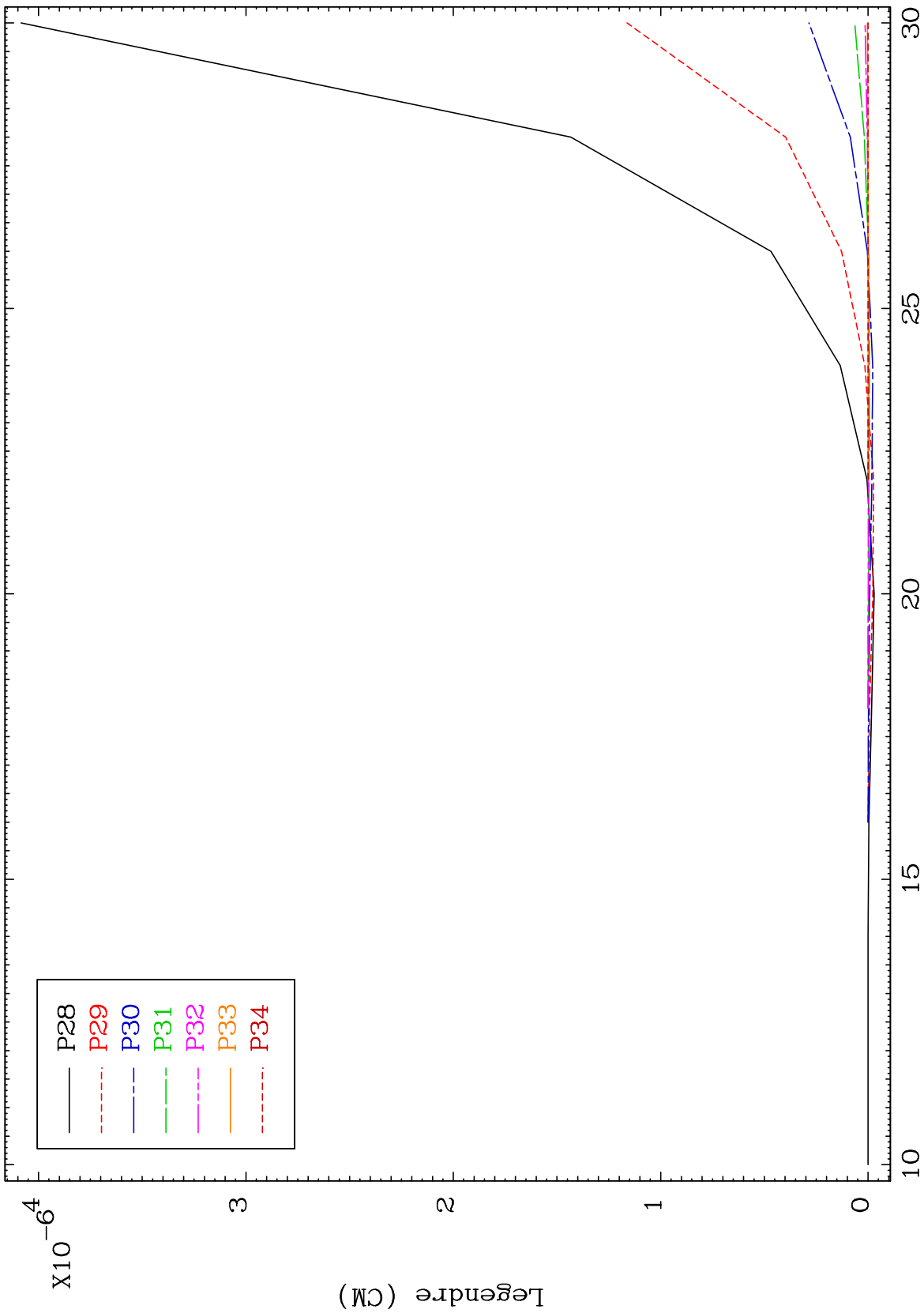
69-Tm-166

Incident Energy (MeV)

MAT 6916

Elastic  
Legendre Coefficients

69-Tm-166



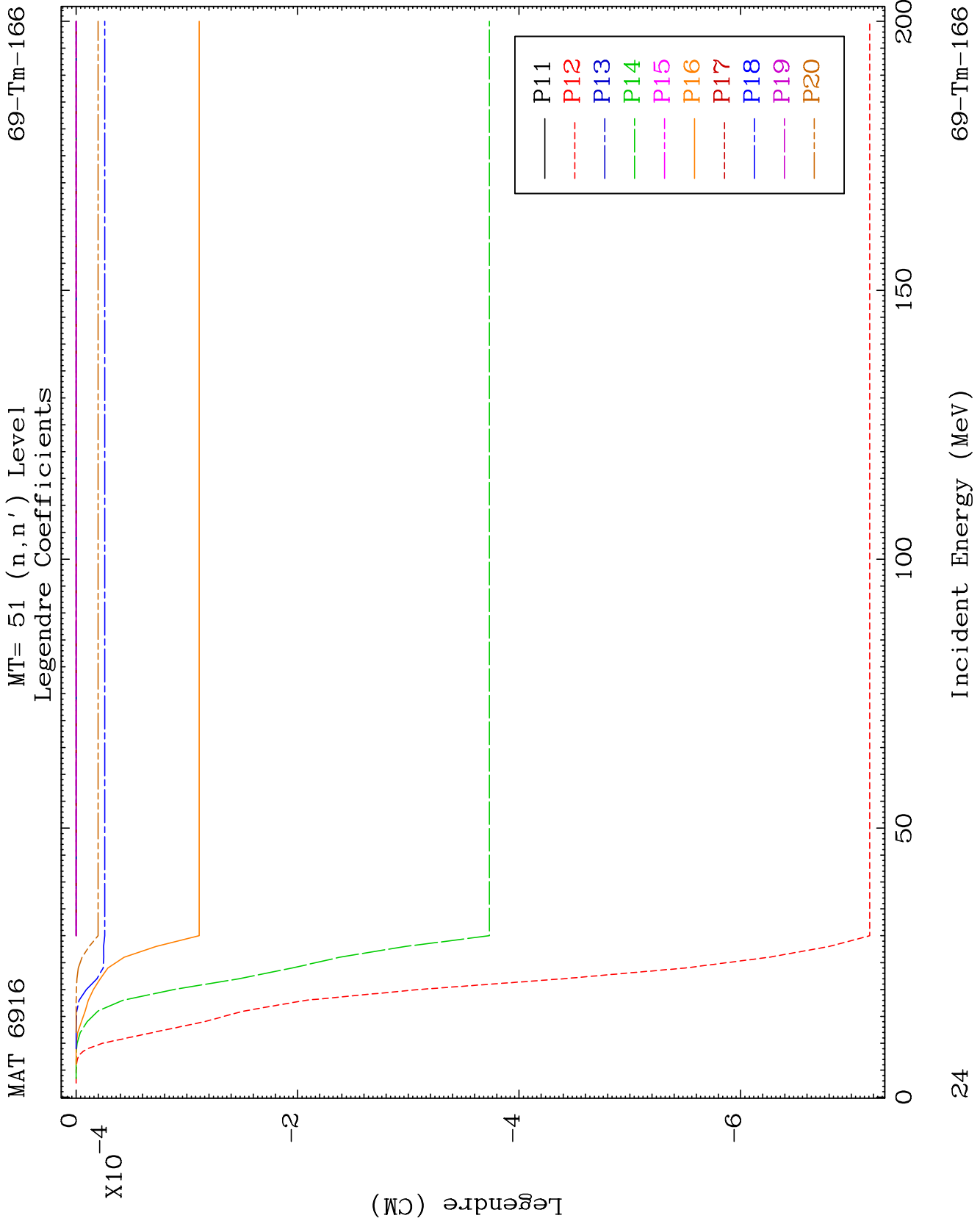
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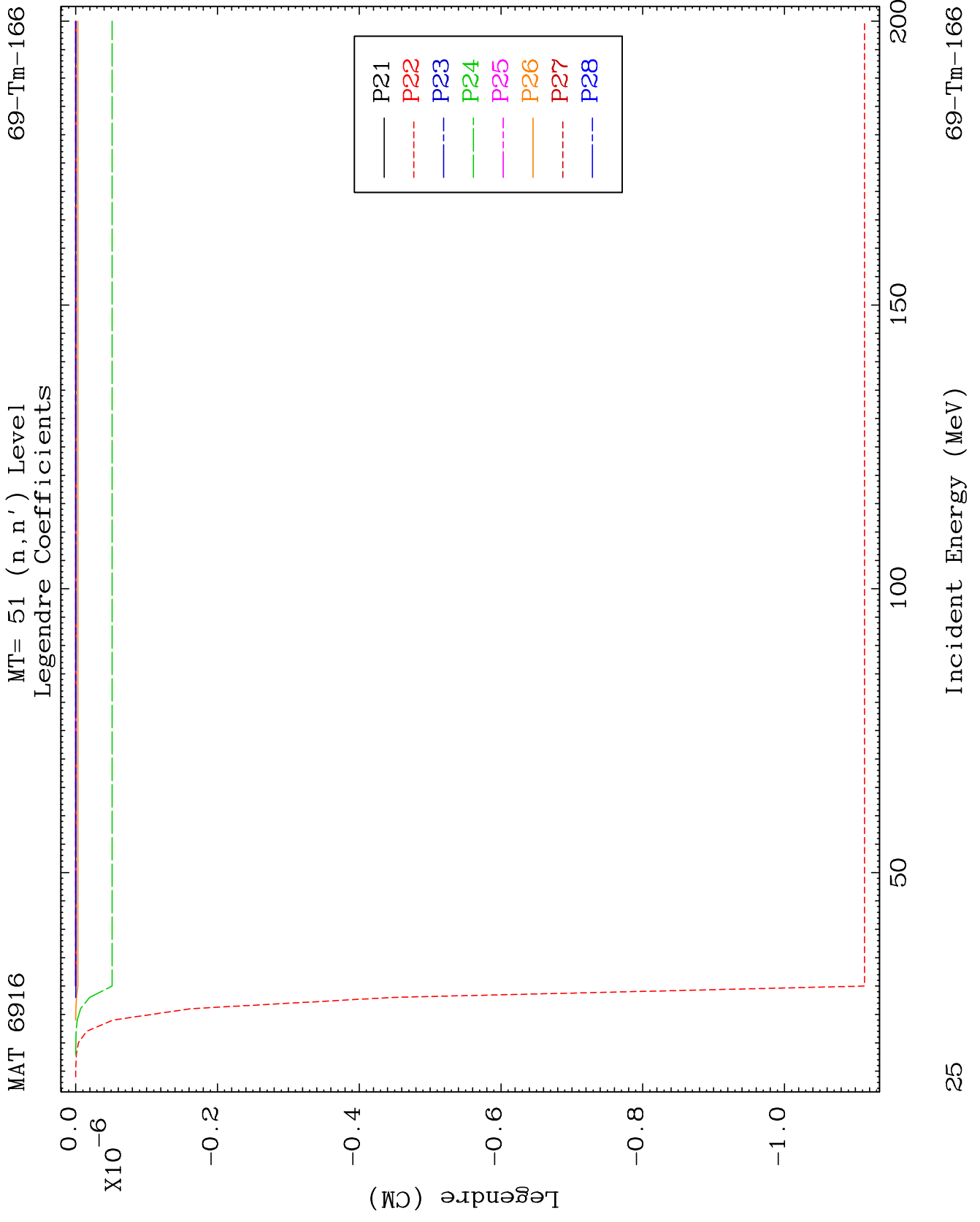
Incident Energy (MeV)

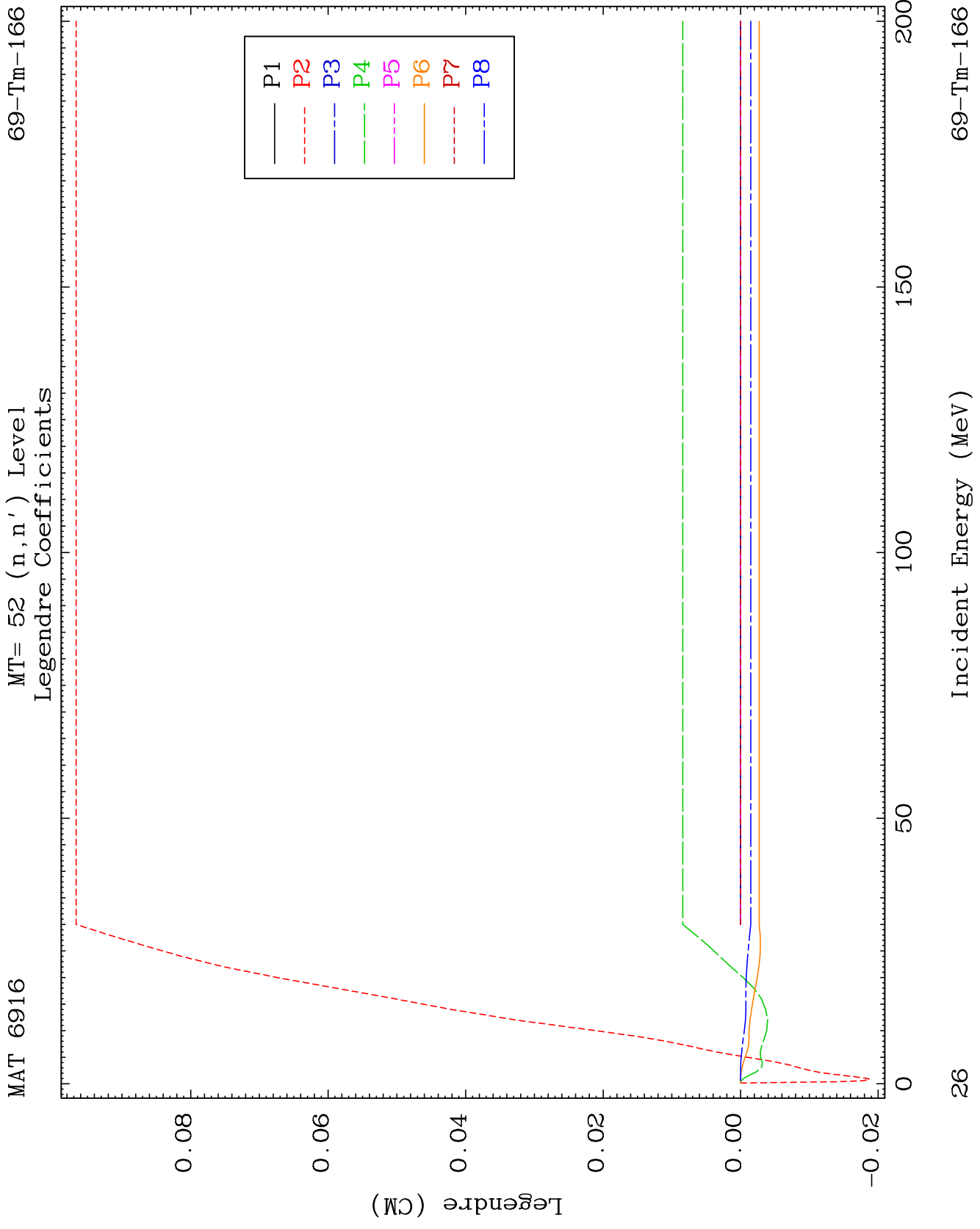
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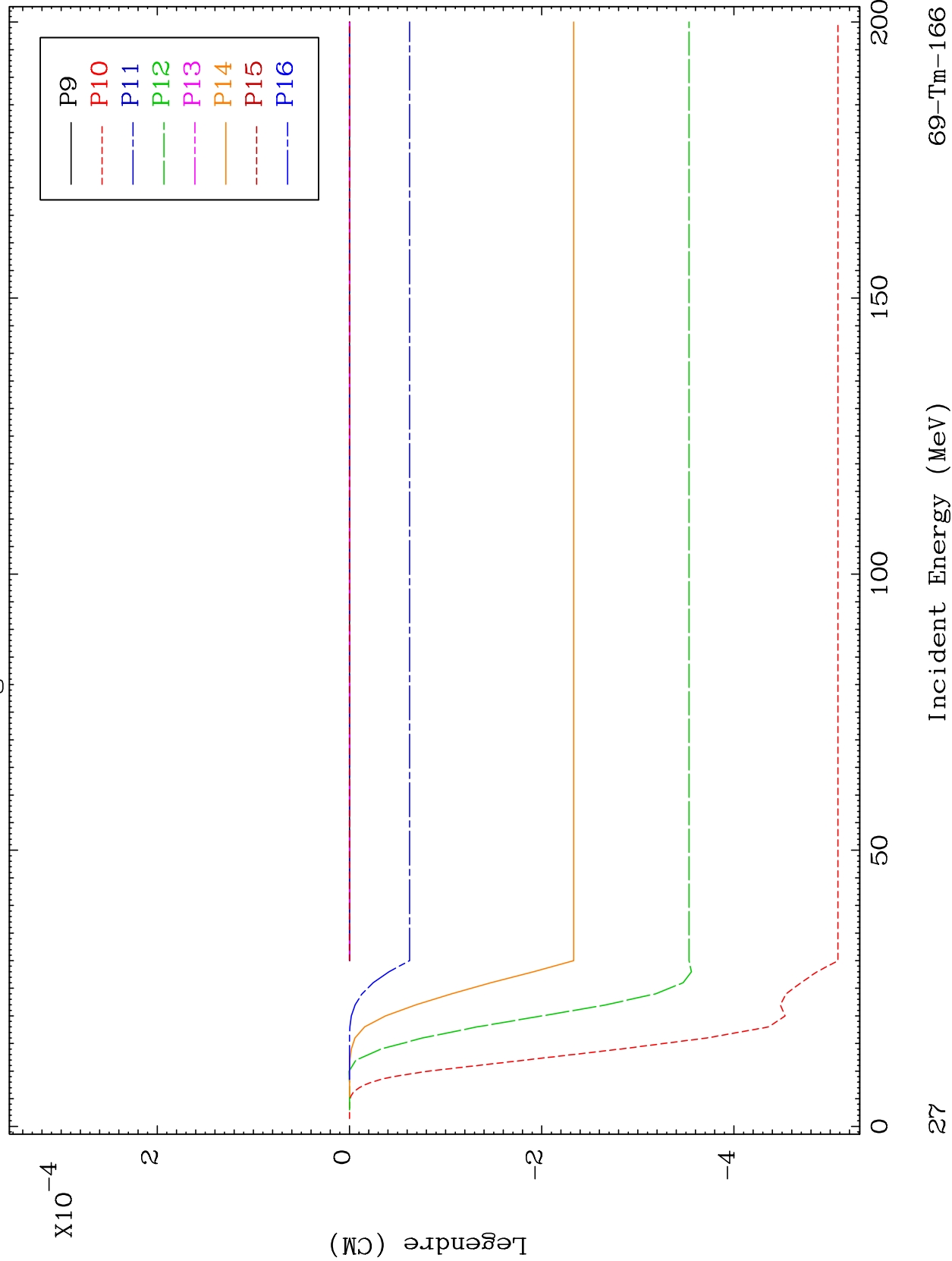




MAT 6916

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

69-Tm-166



27

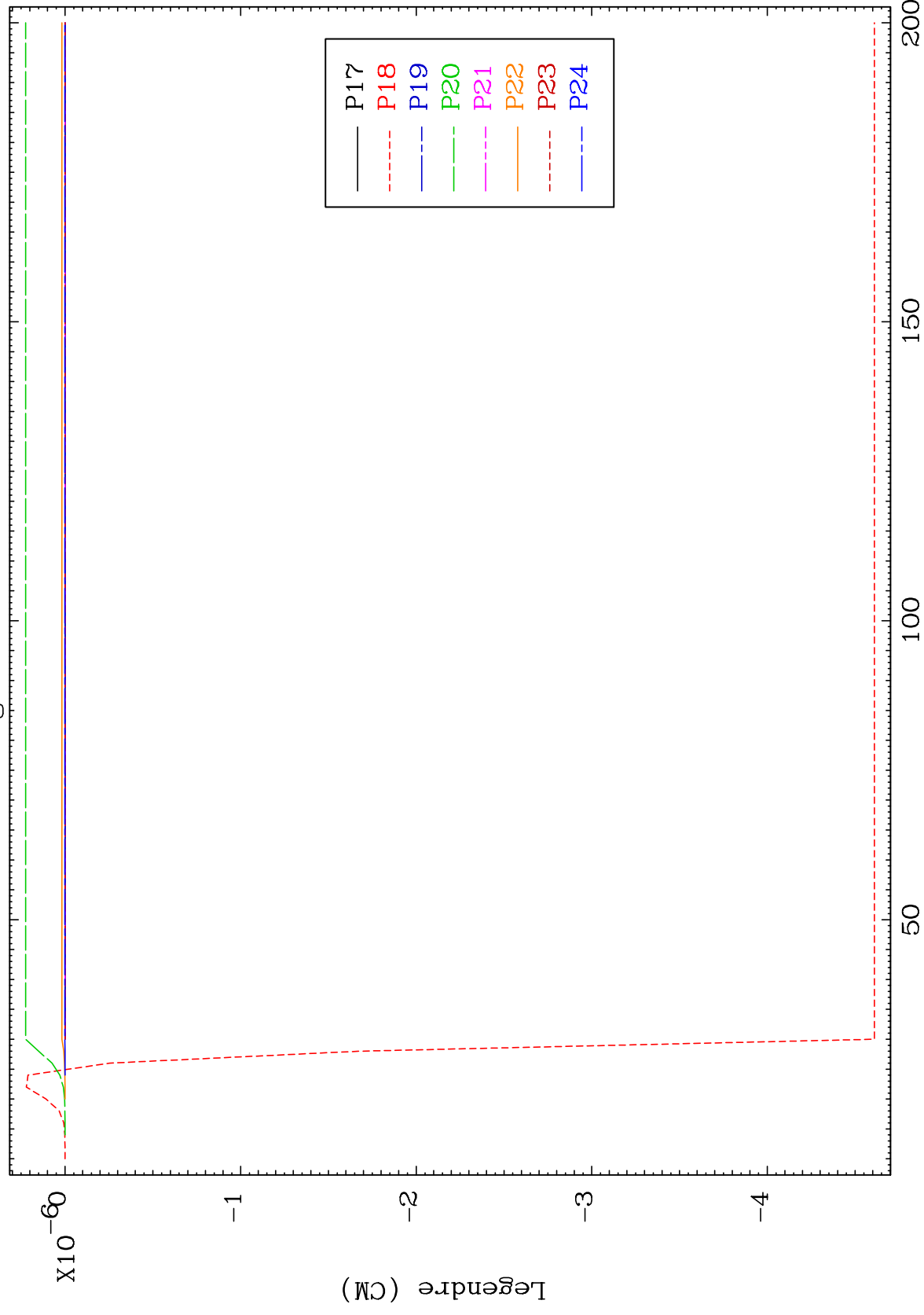
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



28

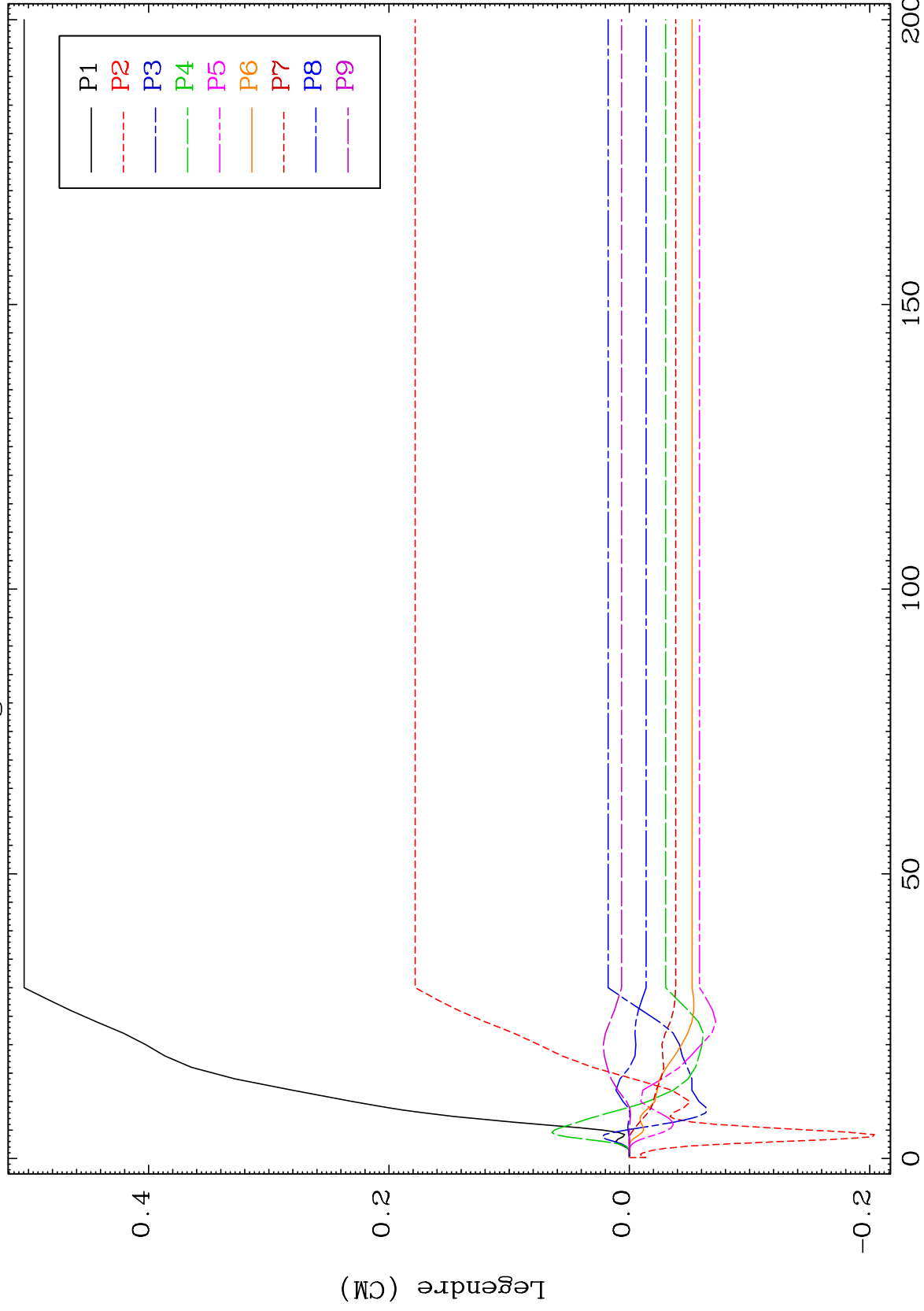
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



29

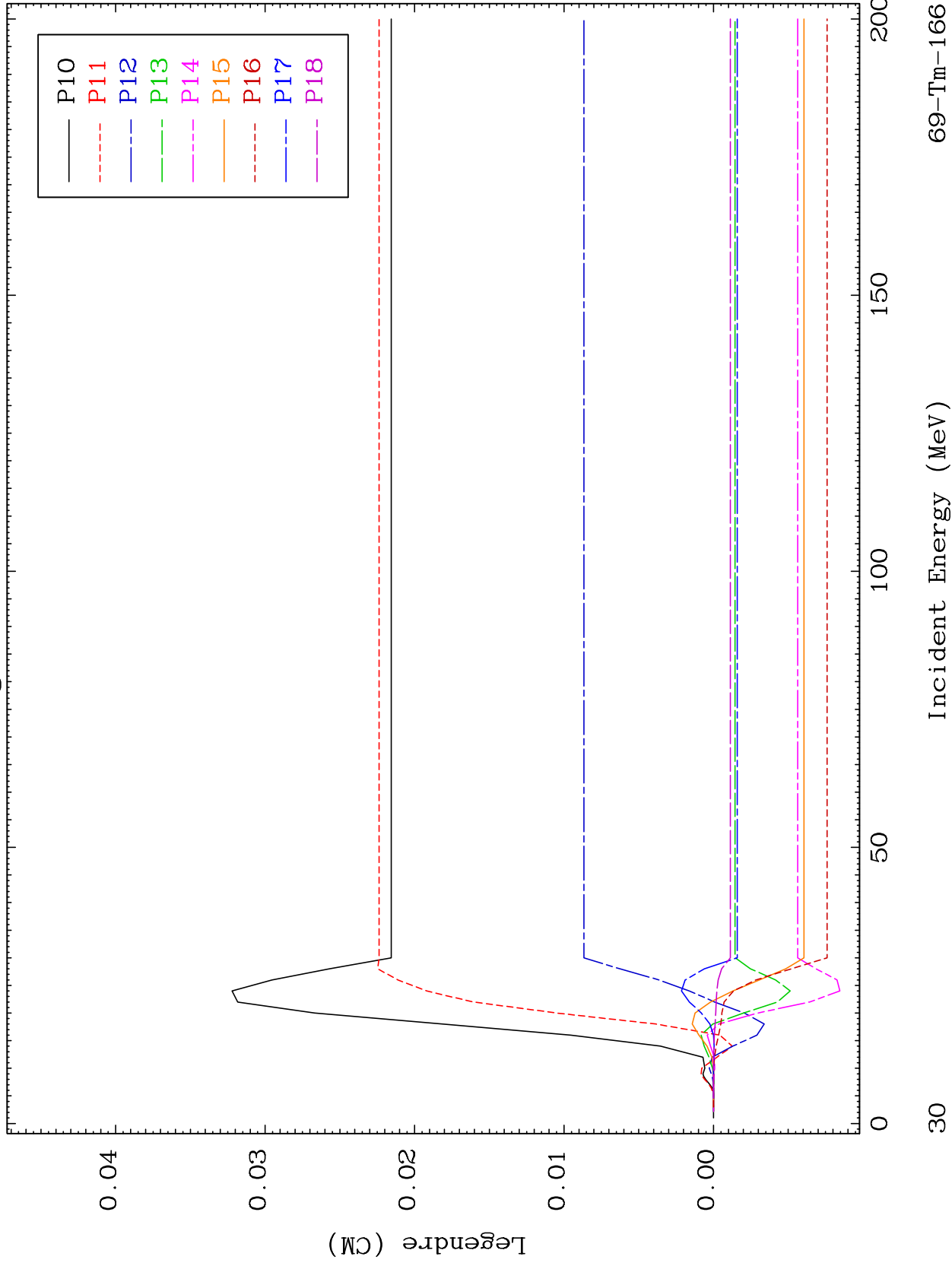
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

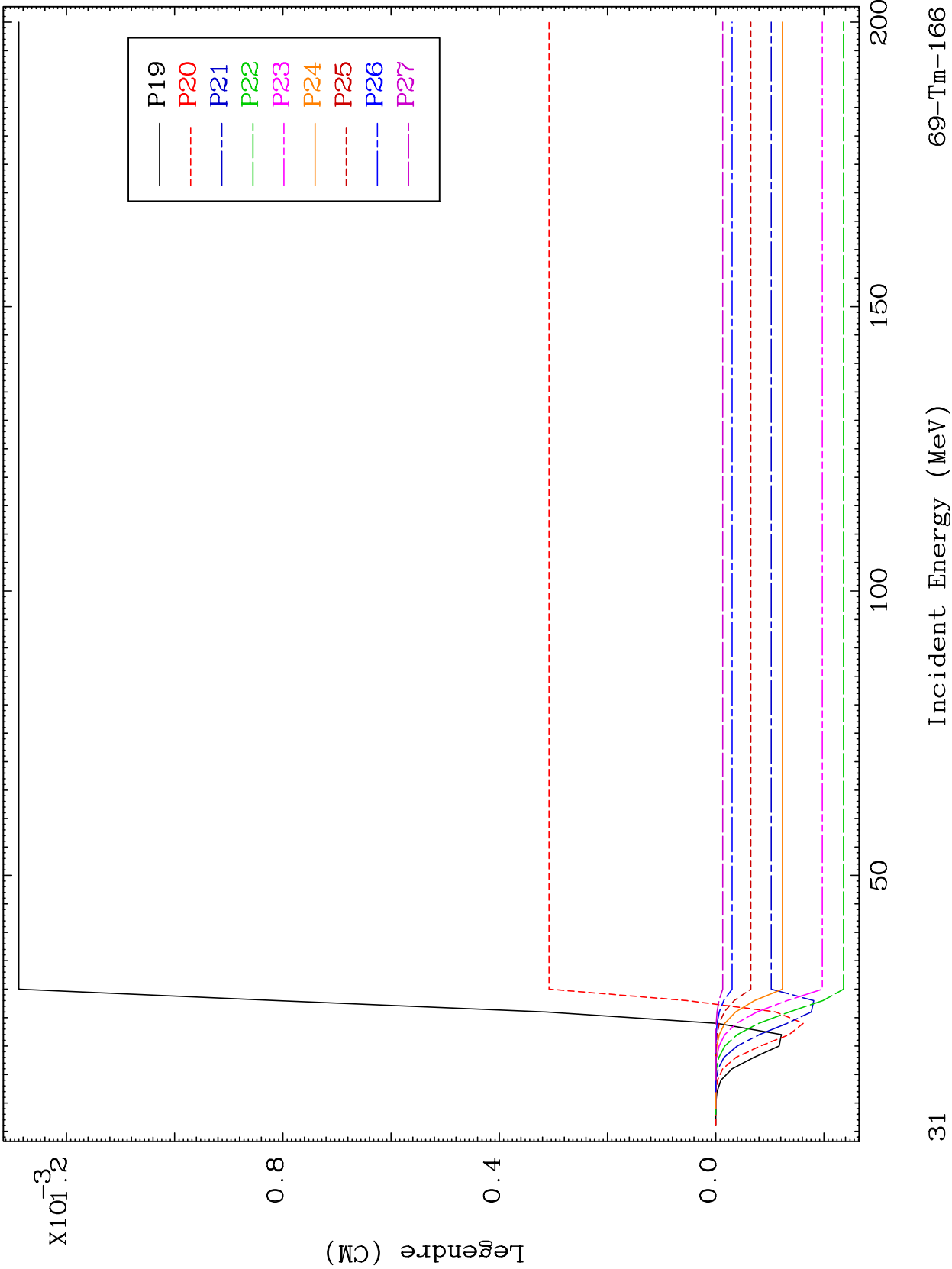
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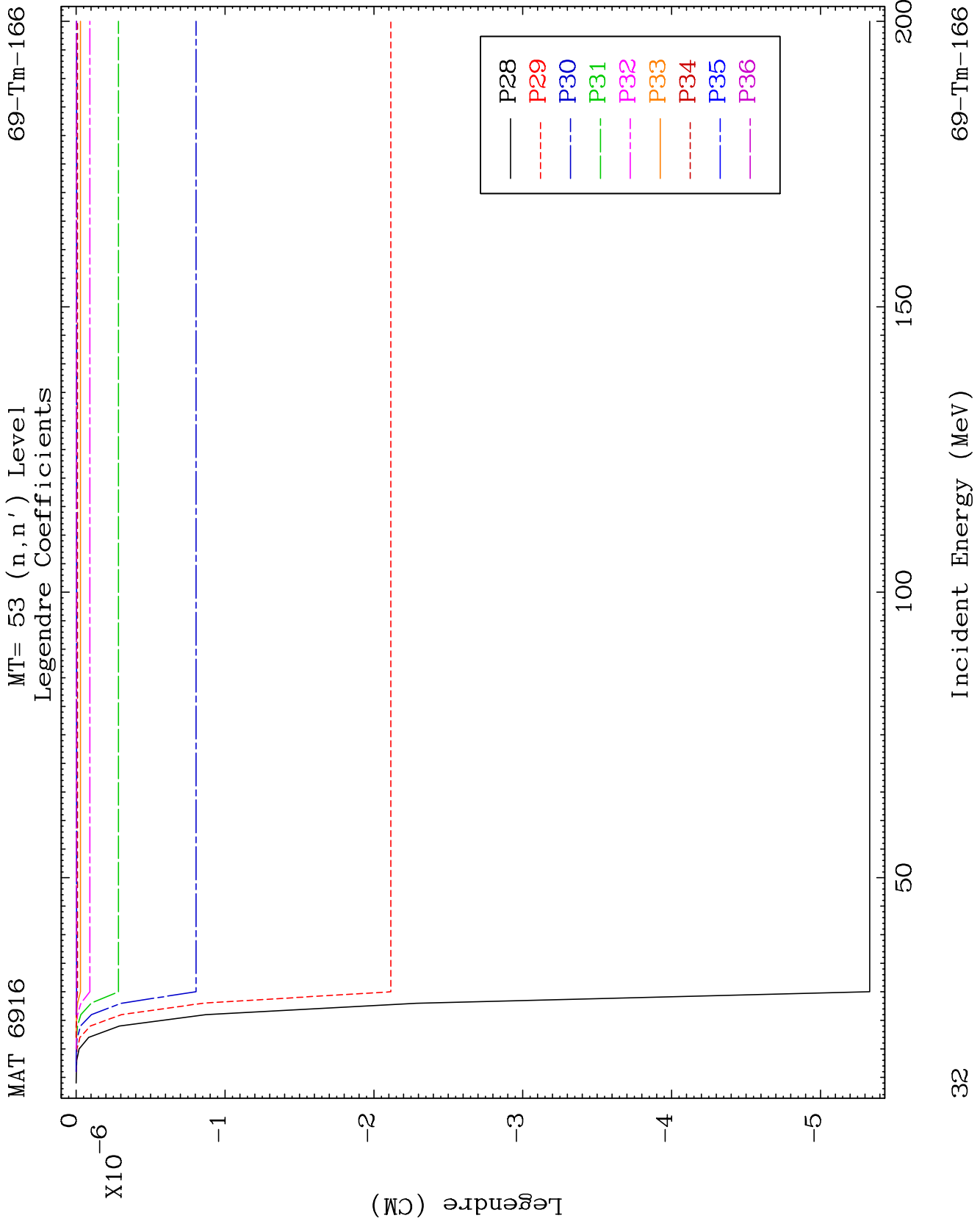
69-Tm-166

Incident Energy (MeV)

30



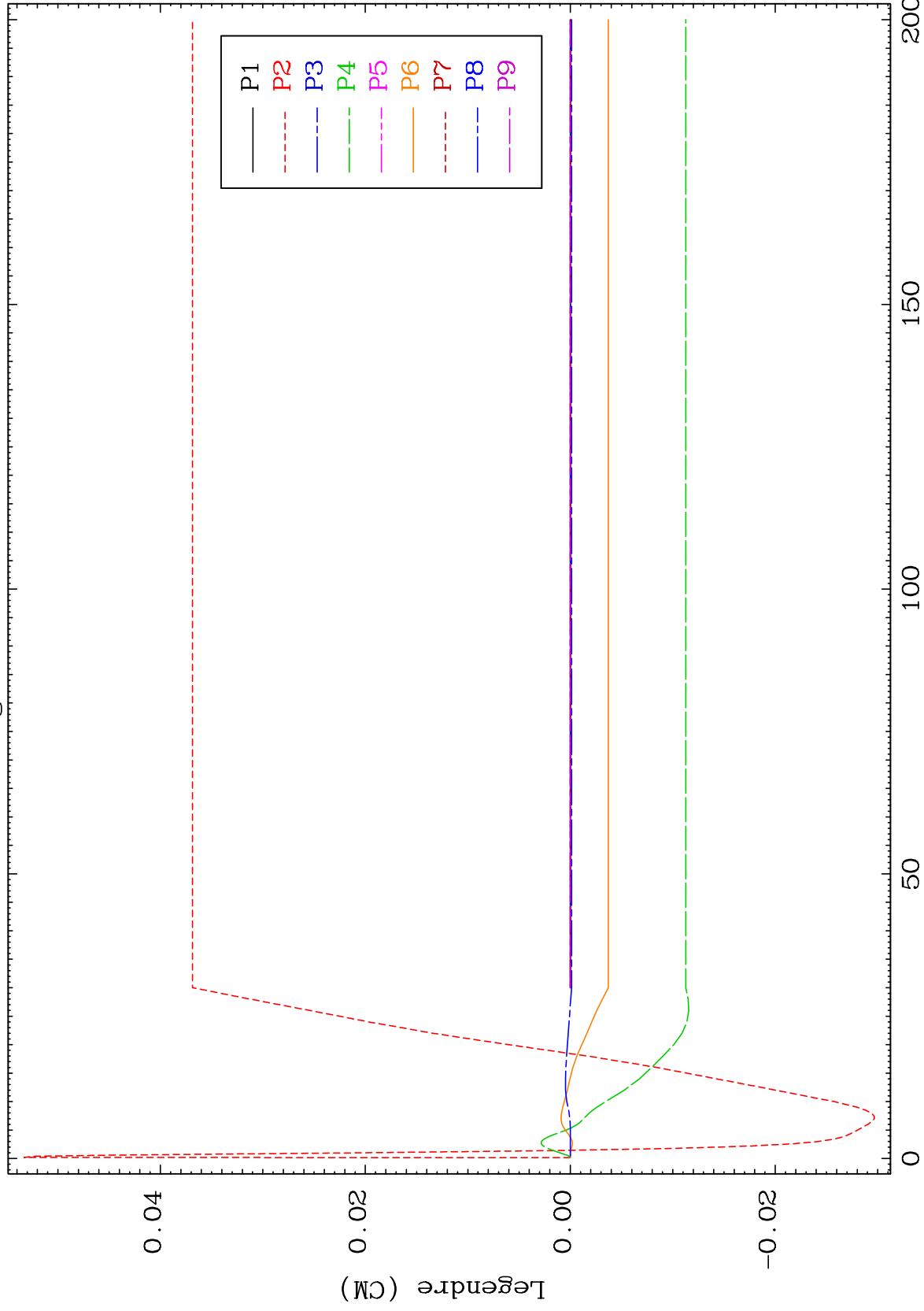




MAT 6916

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

69-Tm-166



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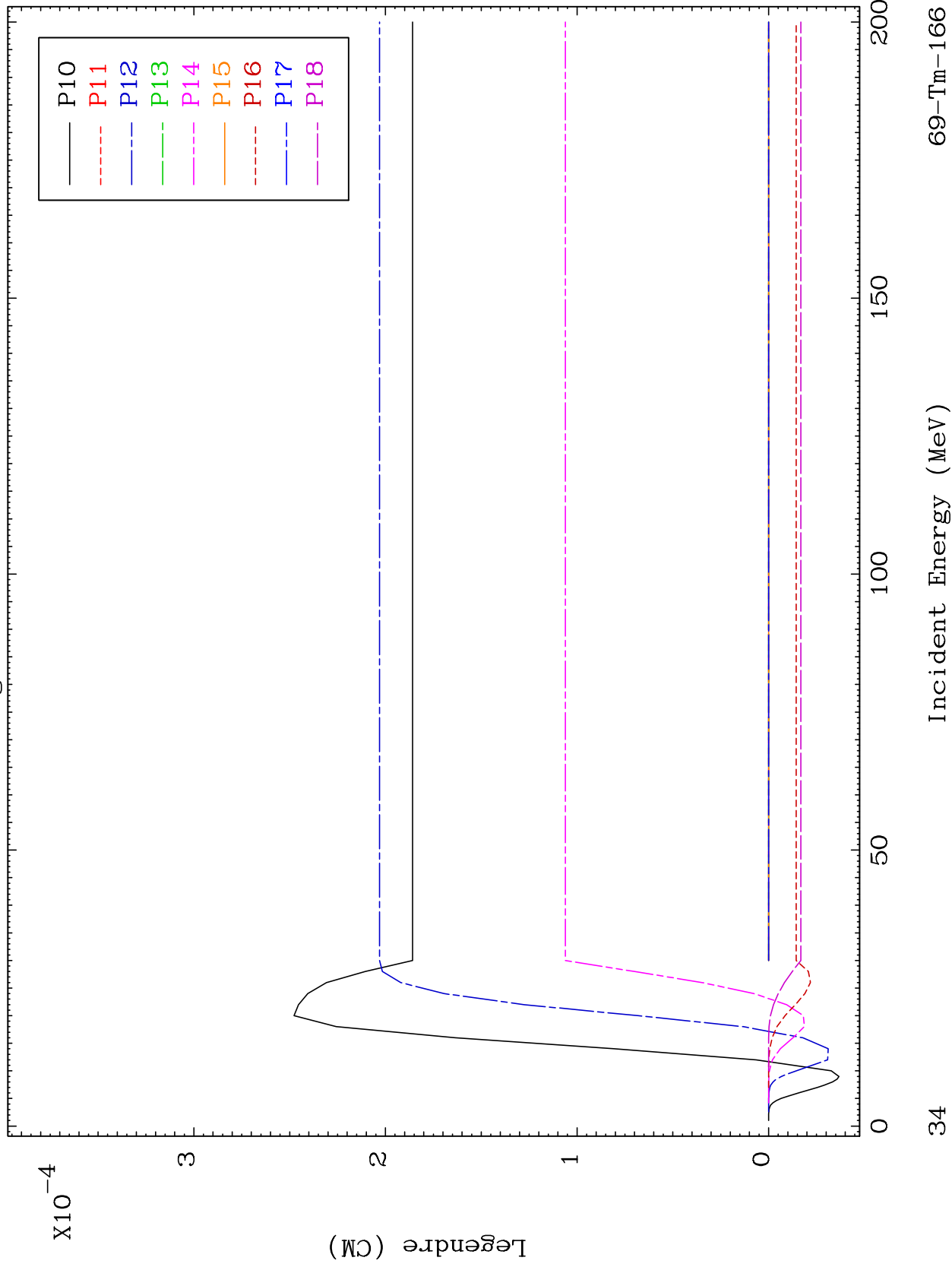
Incident Energy (MeV)

69-Tm-166

MAT 6916

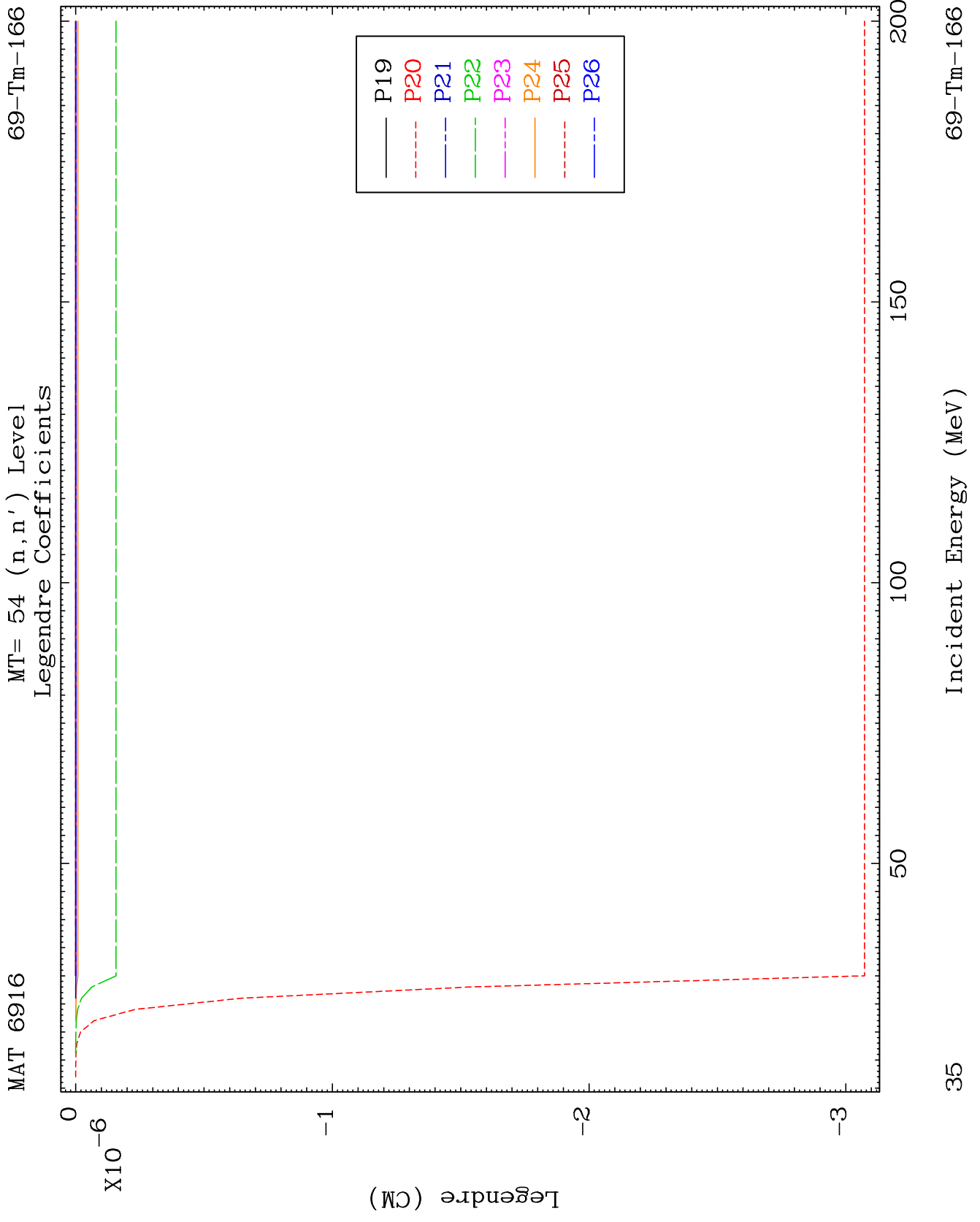
MT= 54 (n,n') Level  
Legendre Coefficients

69-Tm-166



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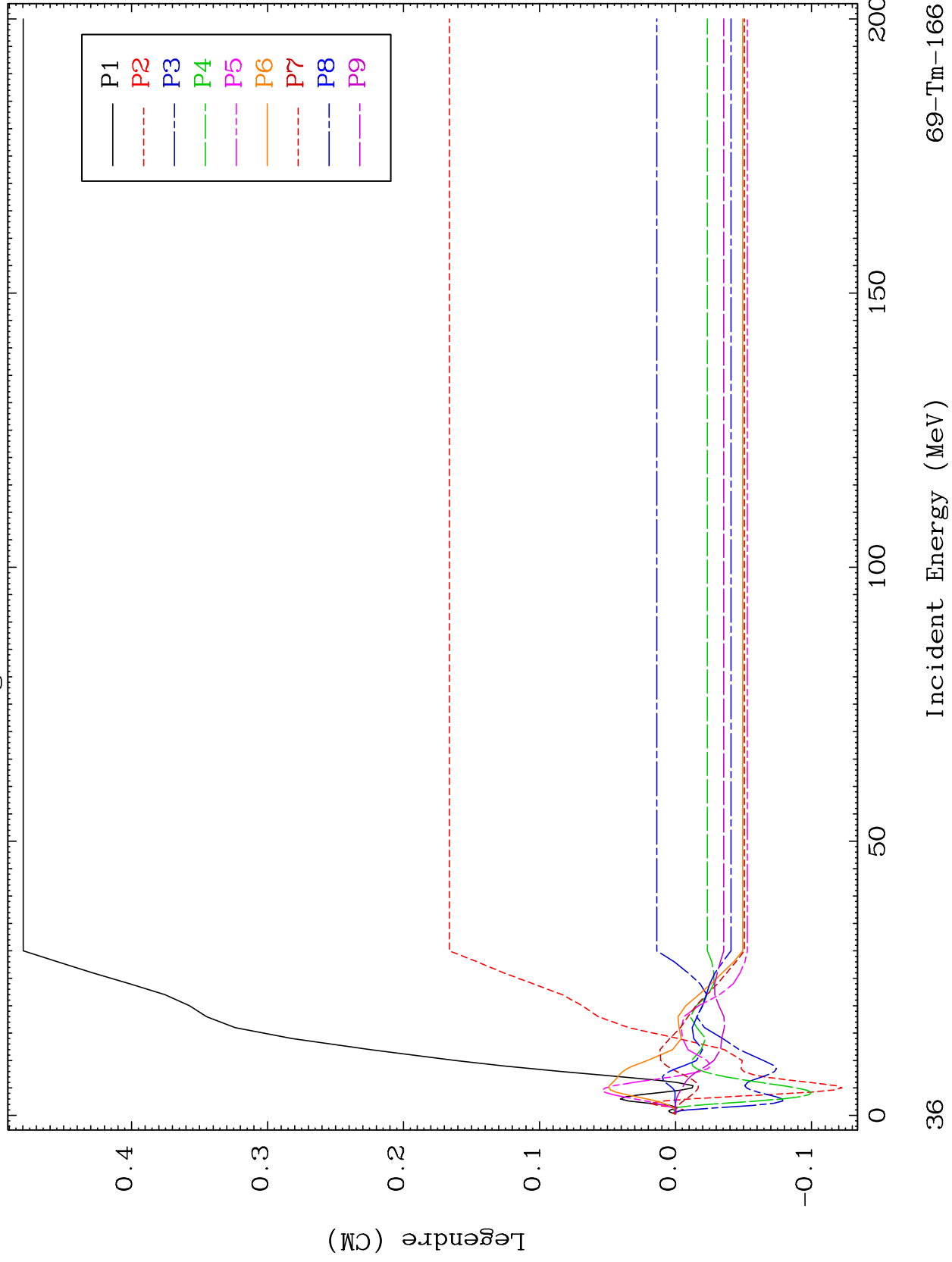
69-Tm-166



MAT 6916

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

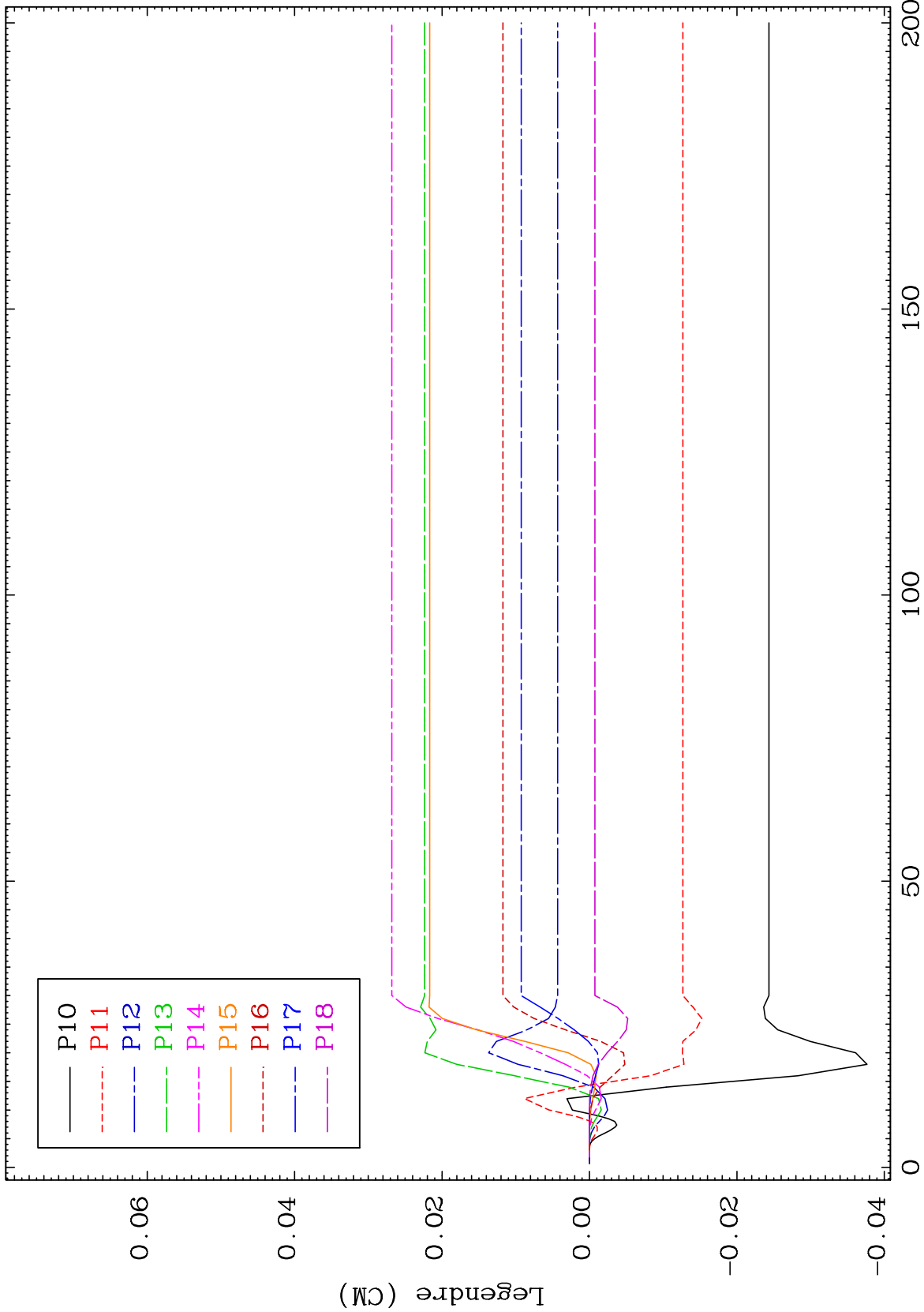
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MAT 6916

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

69-Tm-166



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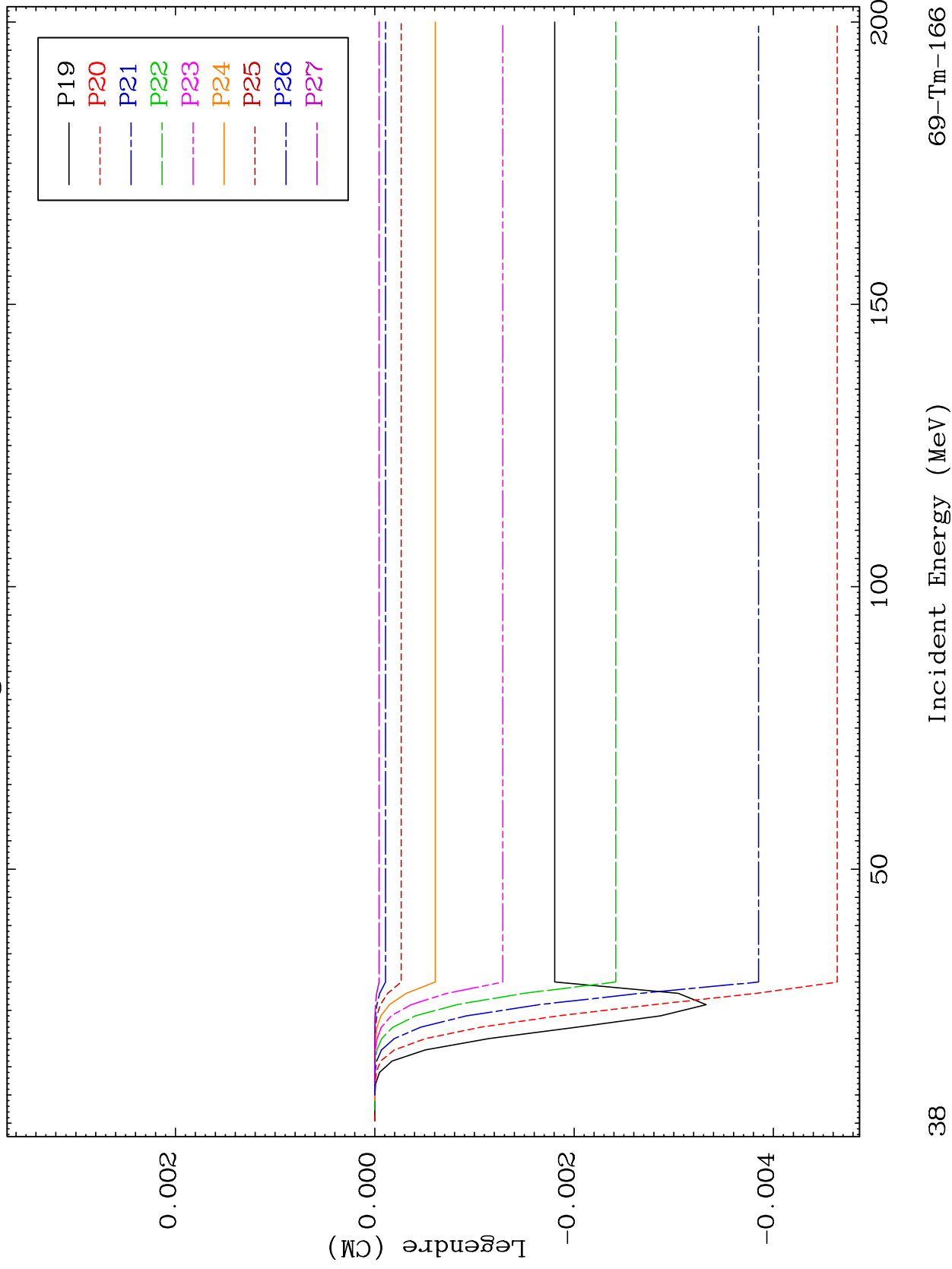
Incident Energy (MeV)

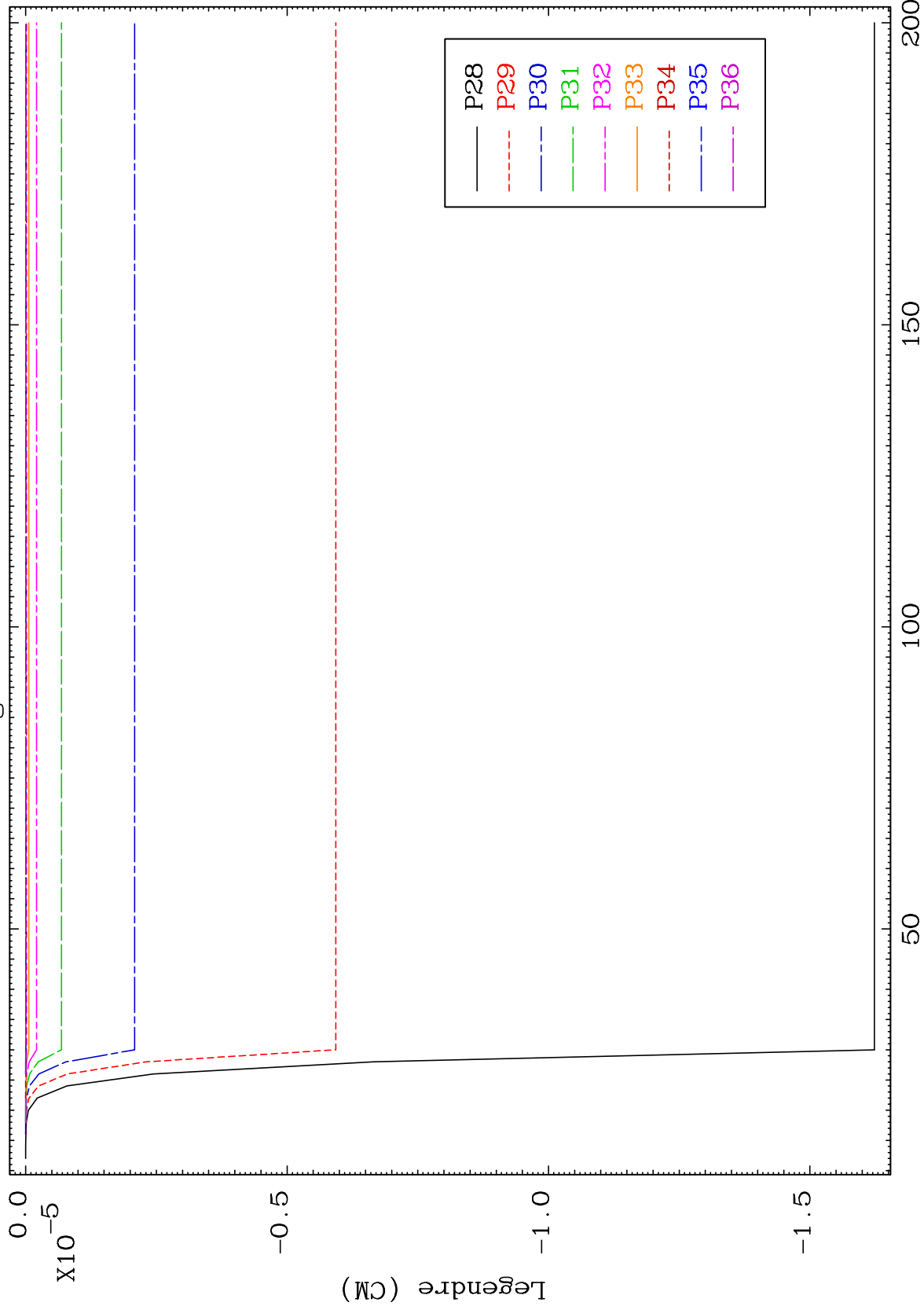
69-Tm-166

MAT 6916

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

69-Tm-166





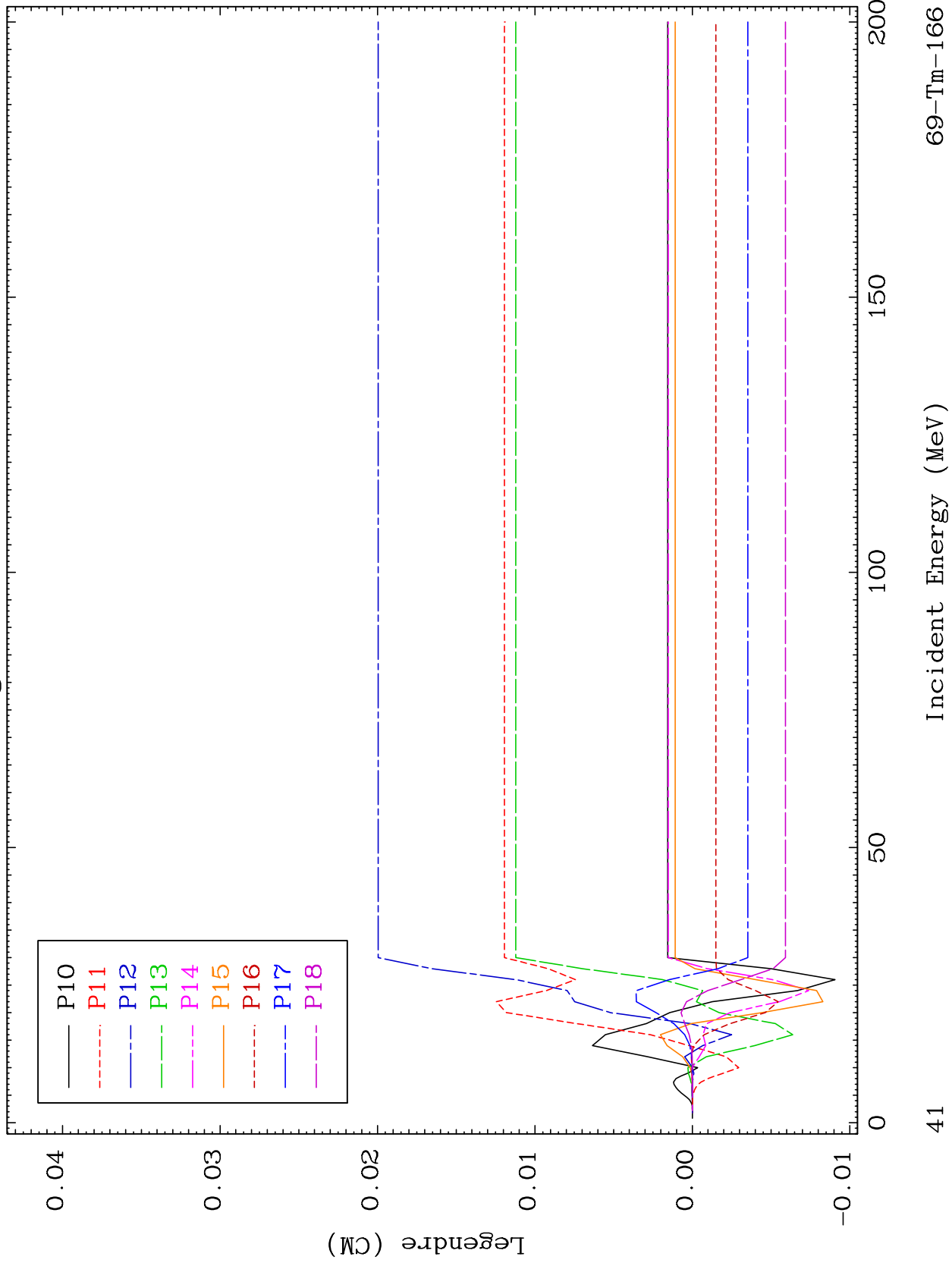




MAT 6916

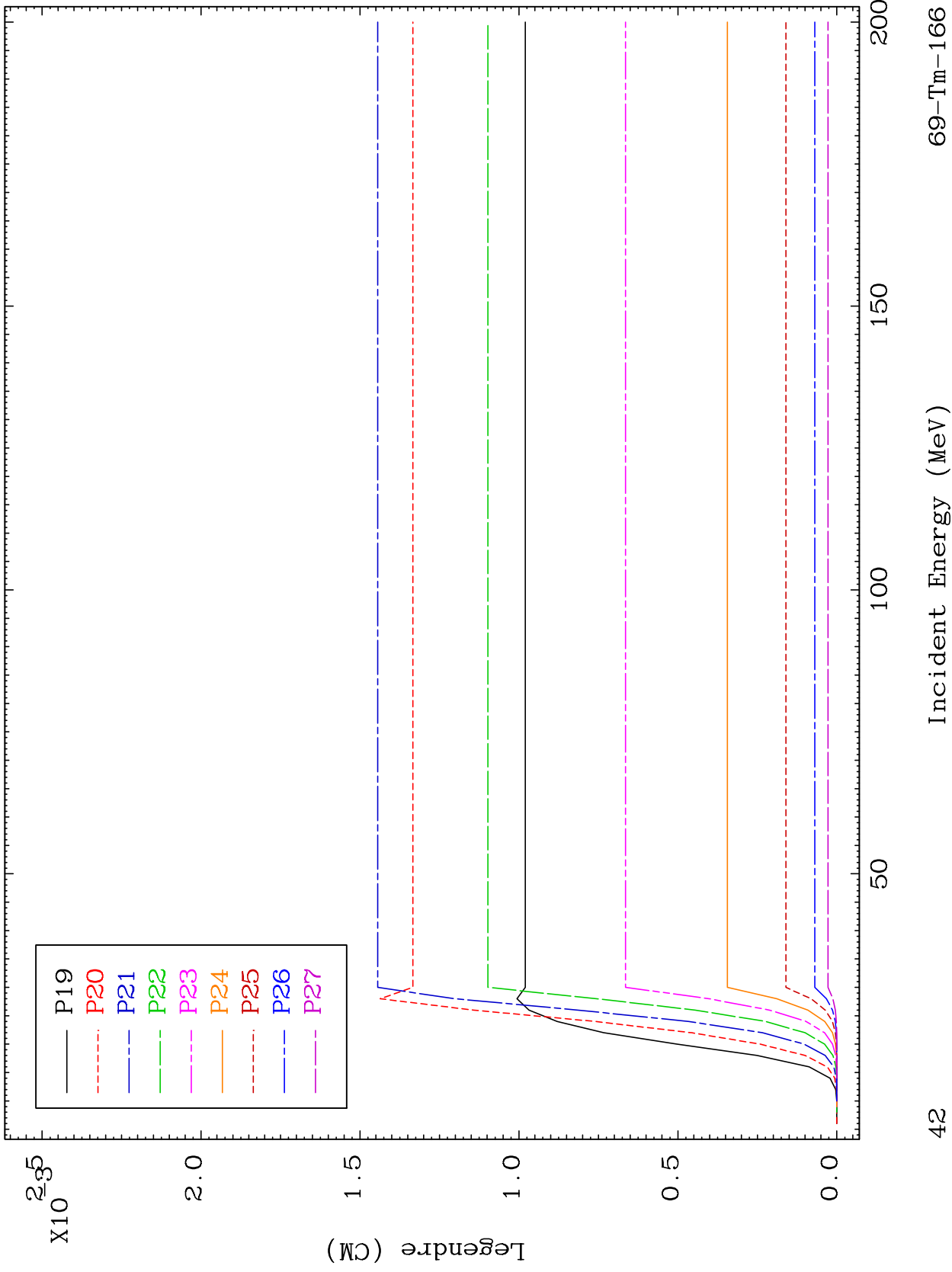
MT= 56 (n,n') Level  
Legendre Coefficients

69-Tm-166



41

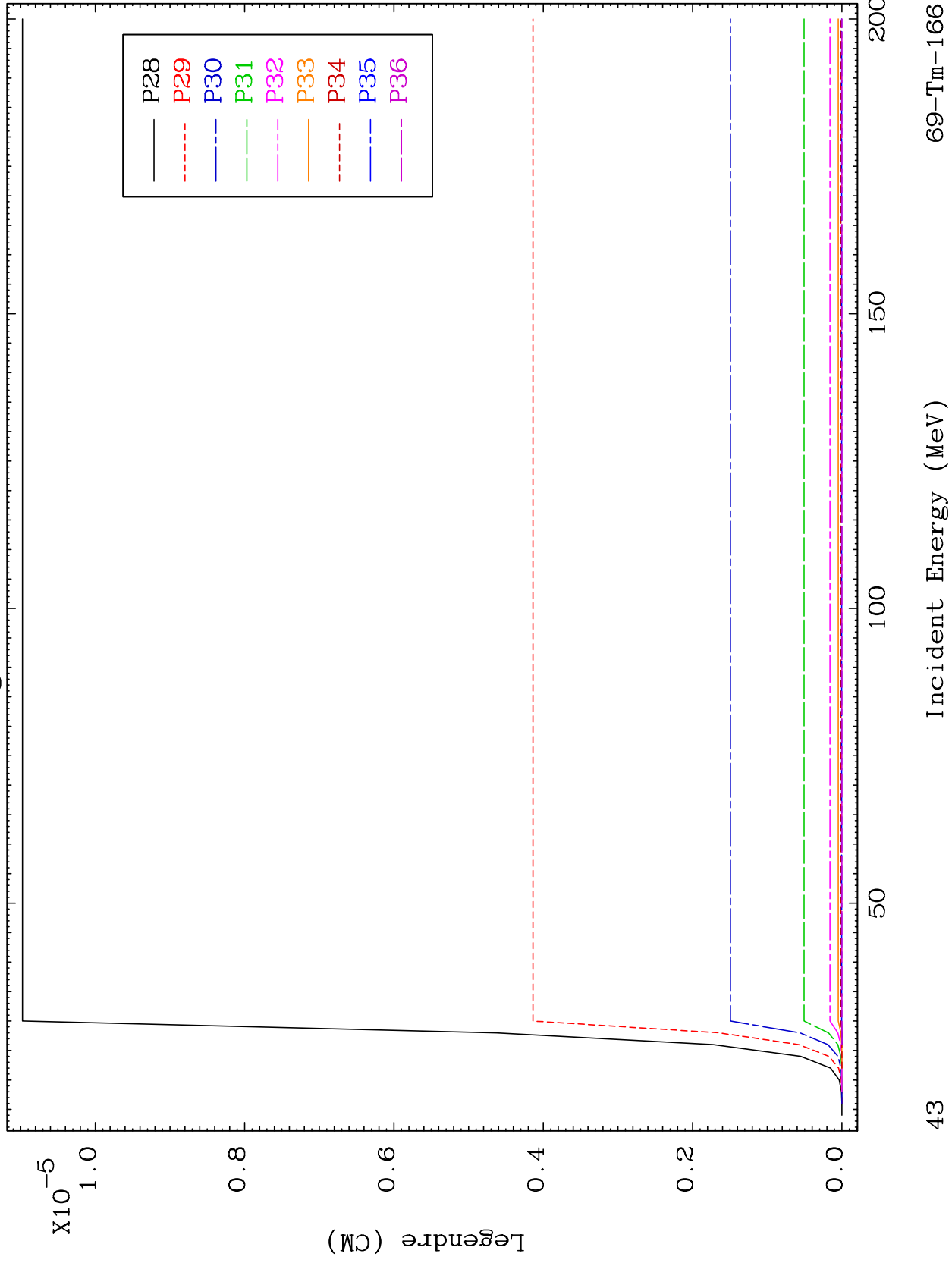
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MAT 6916

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

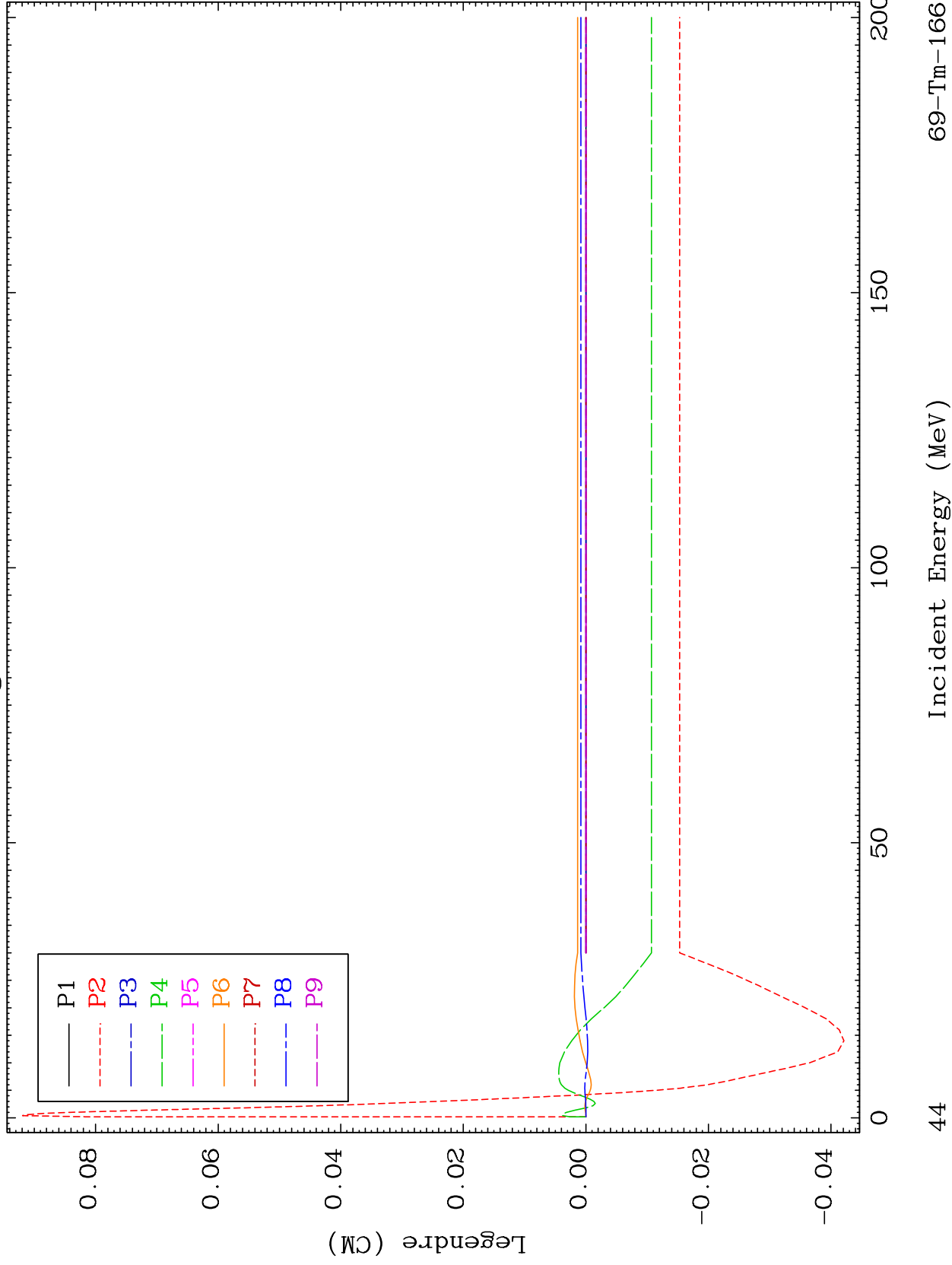
69-Tm-166



MAT 6916

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

69-Tm-166



44

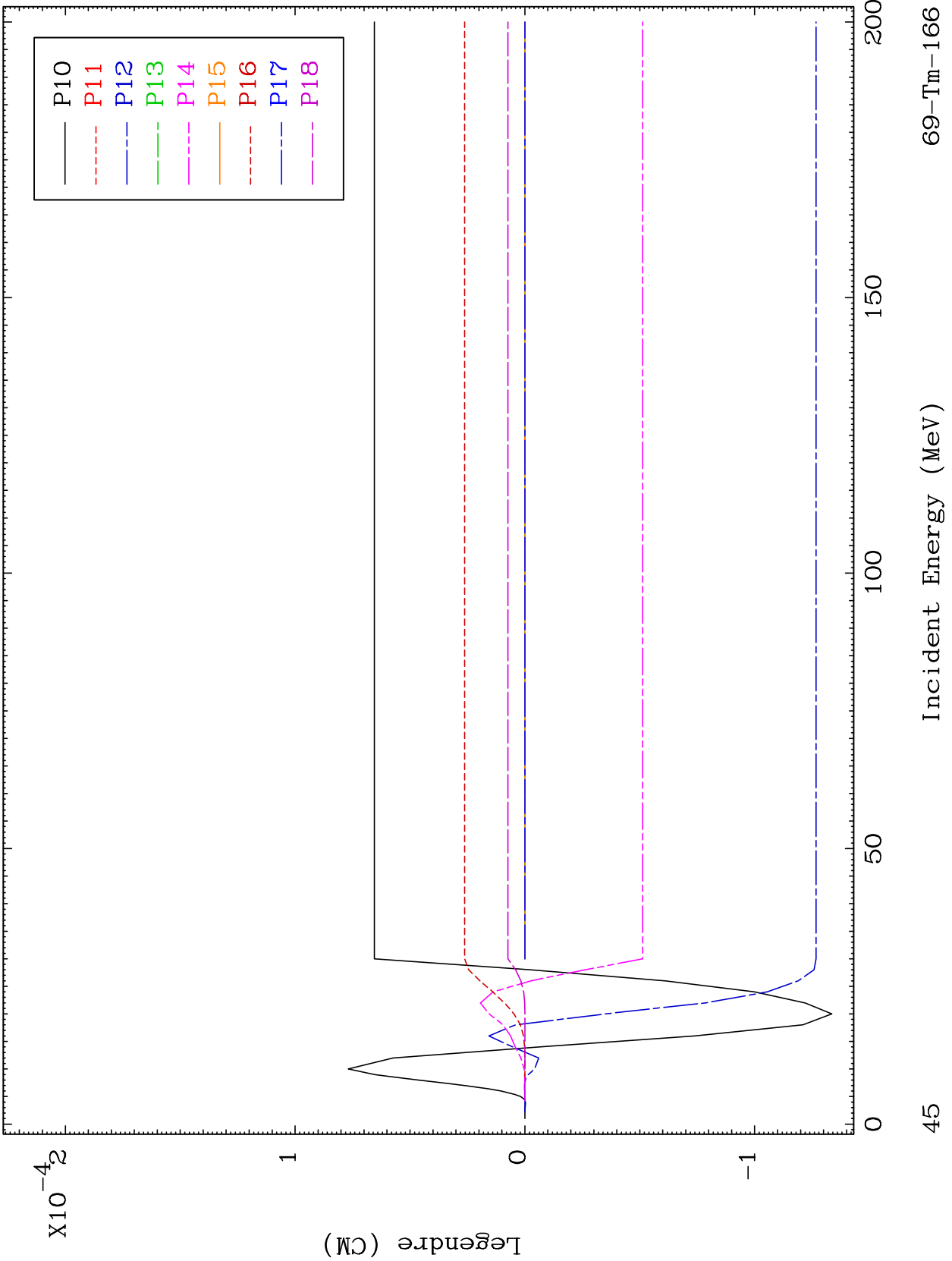
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166

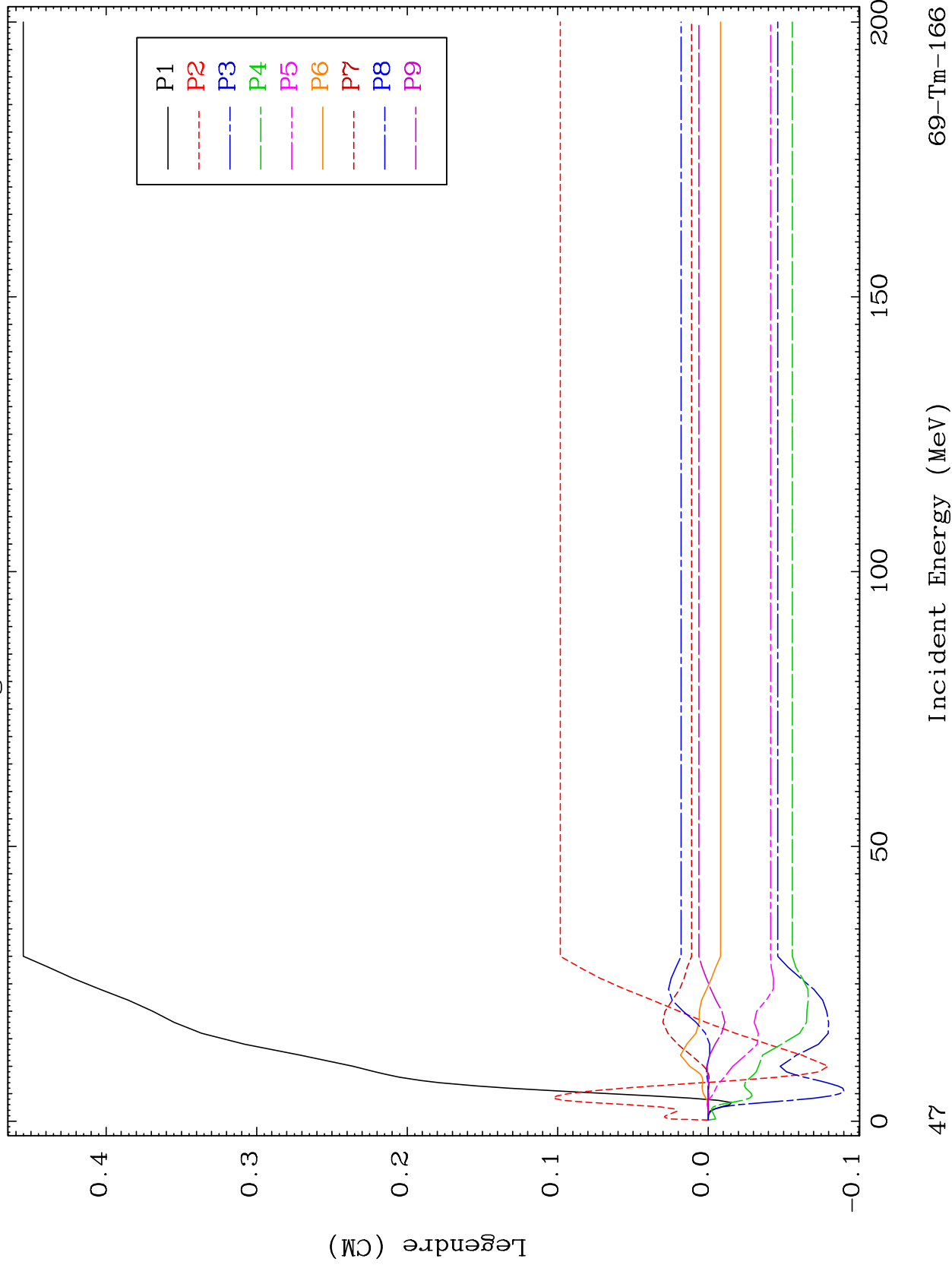




MAT 6916

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

69-Tm-166



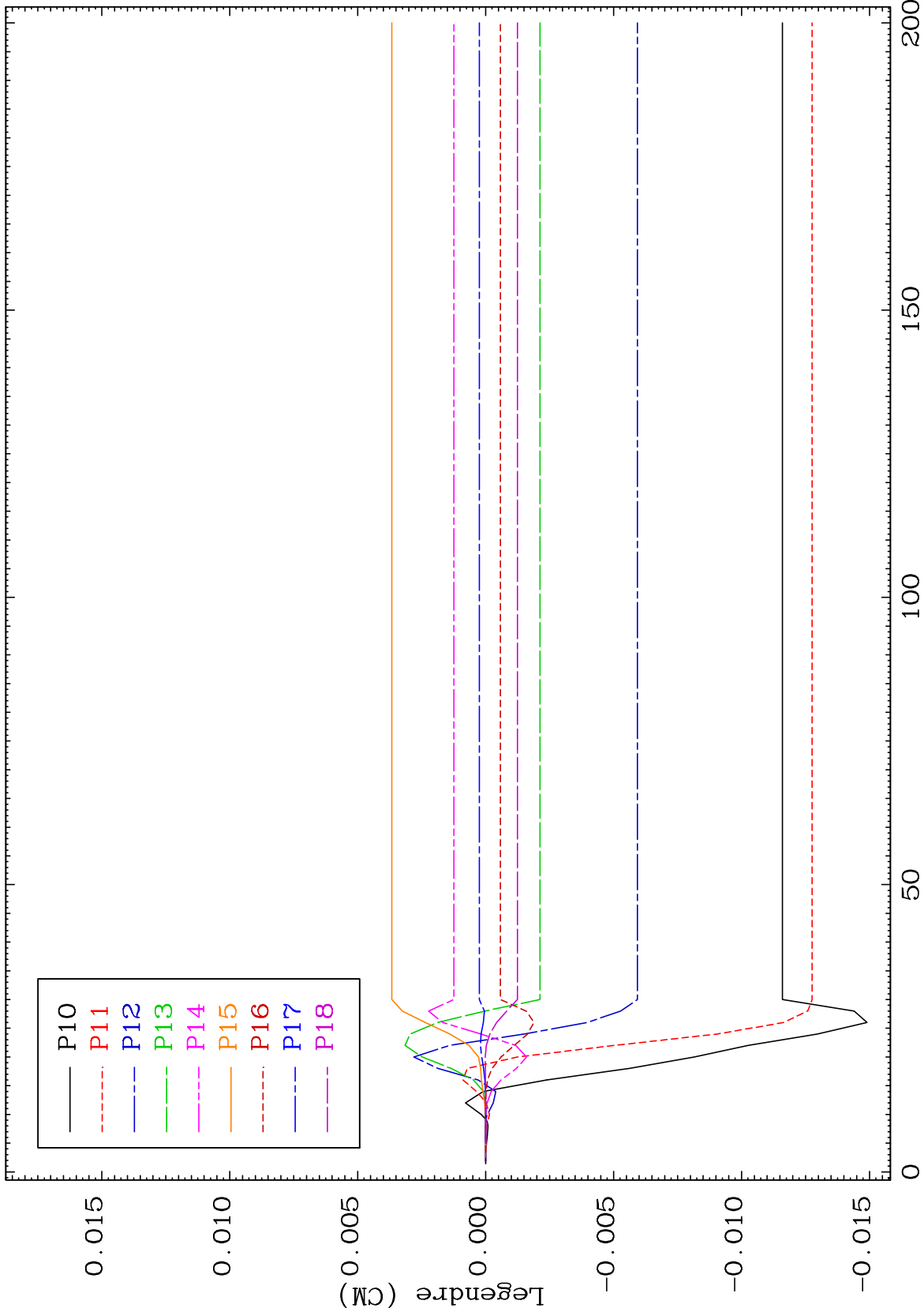
69-Tm-166



MAT 6916

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

69-Tm-166



48

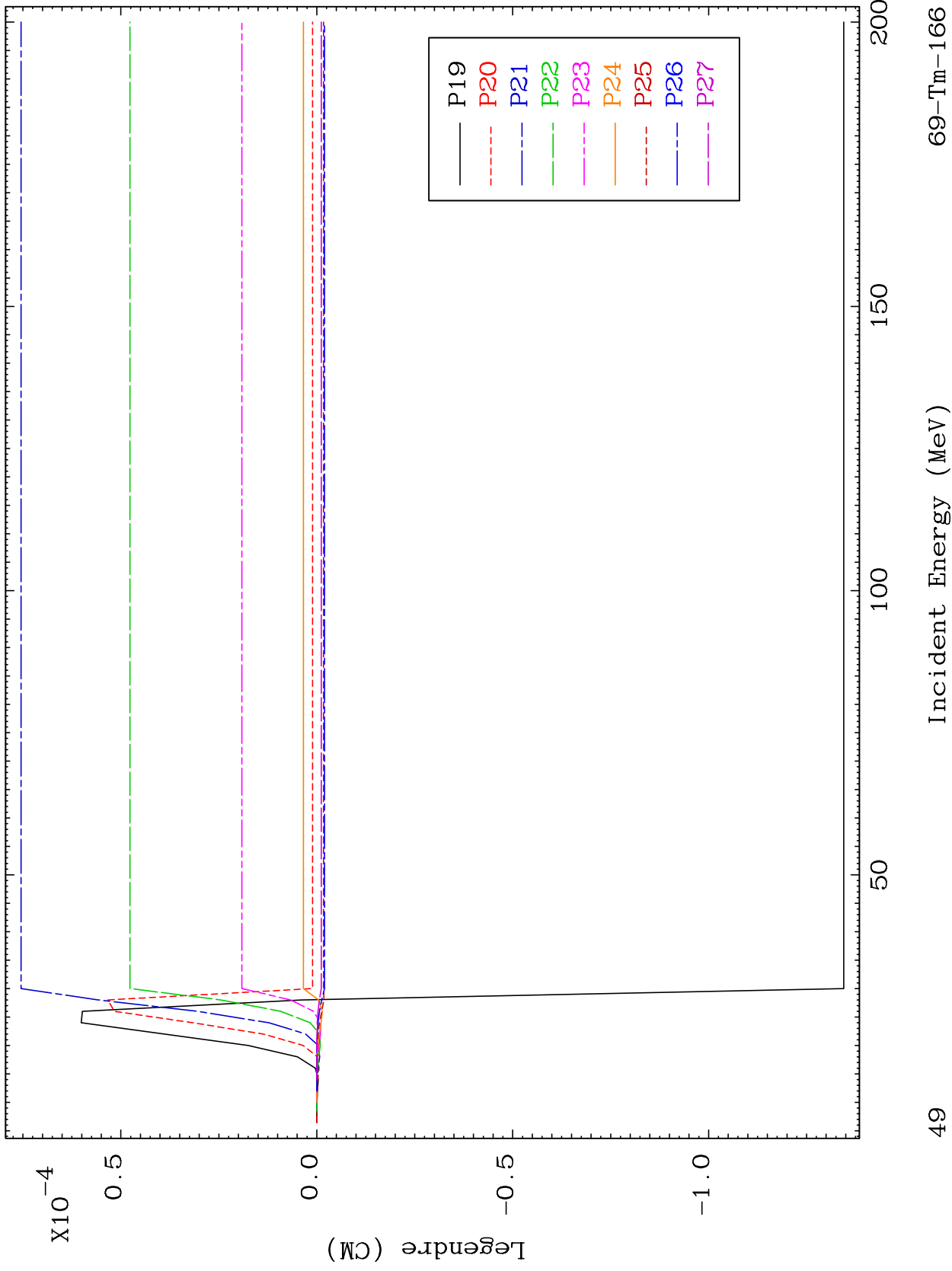
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

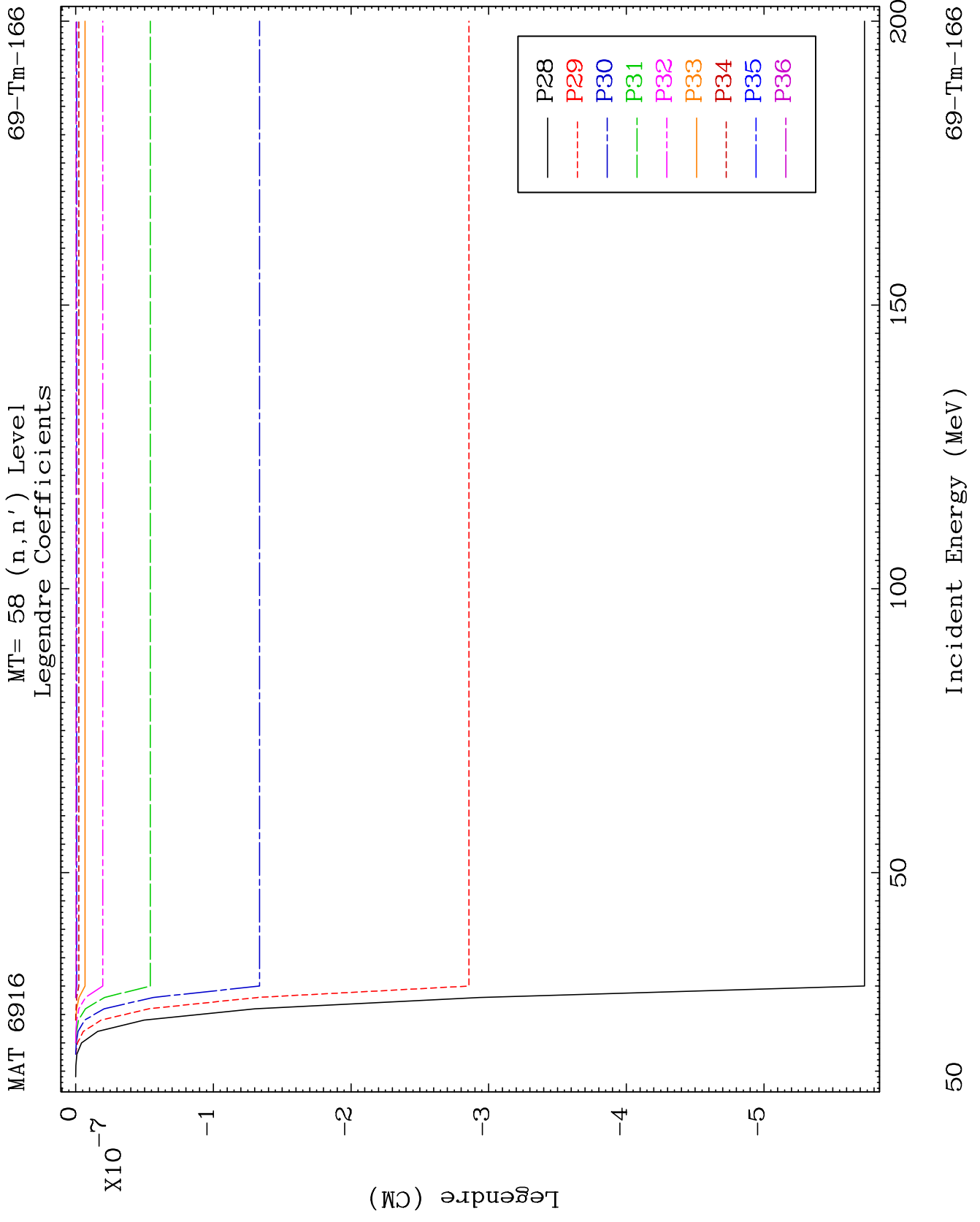
69-Tm-166



49

Incident Energy (MeV)

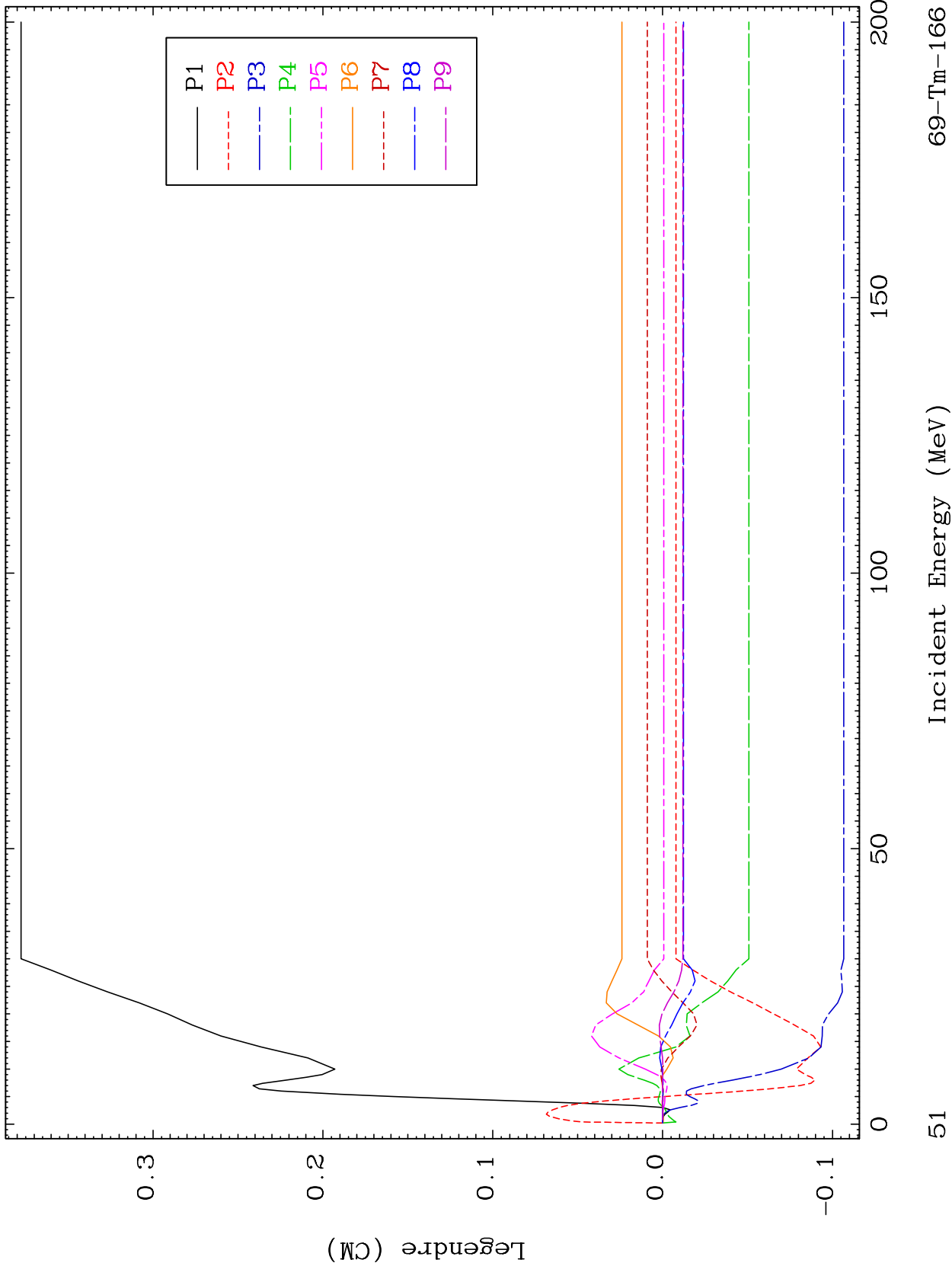
69-Tm-166



MAT 6916

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

69-Tm-166



69-Tm-166

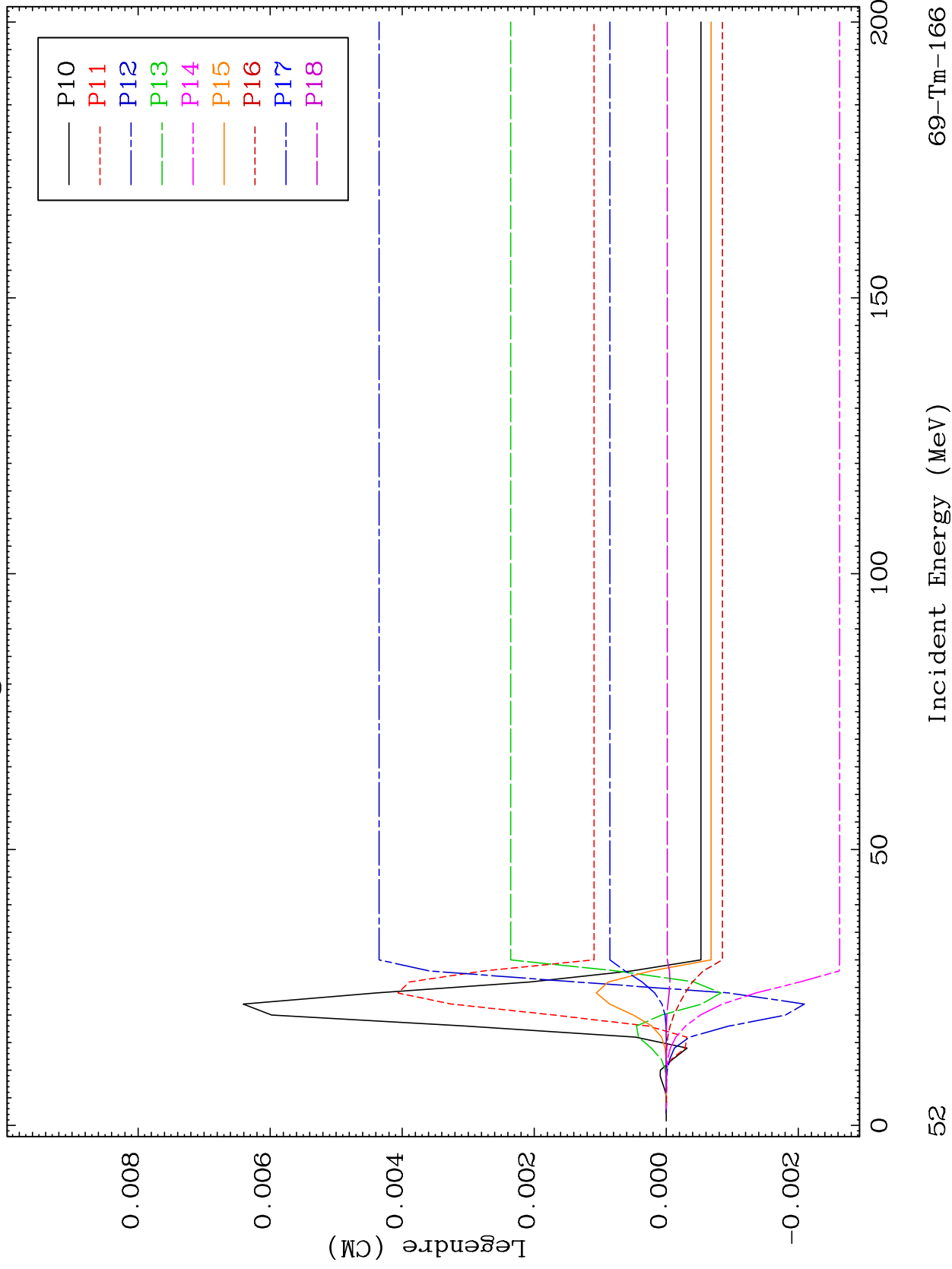
Incident Energy (MeV)

51

MAT 6916

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

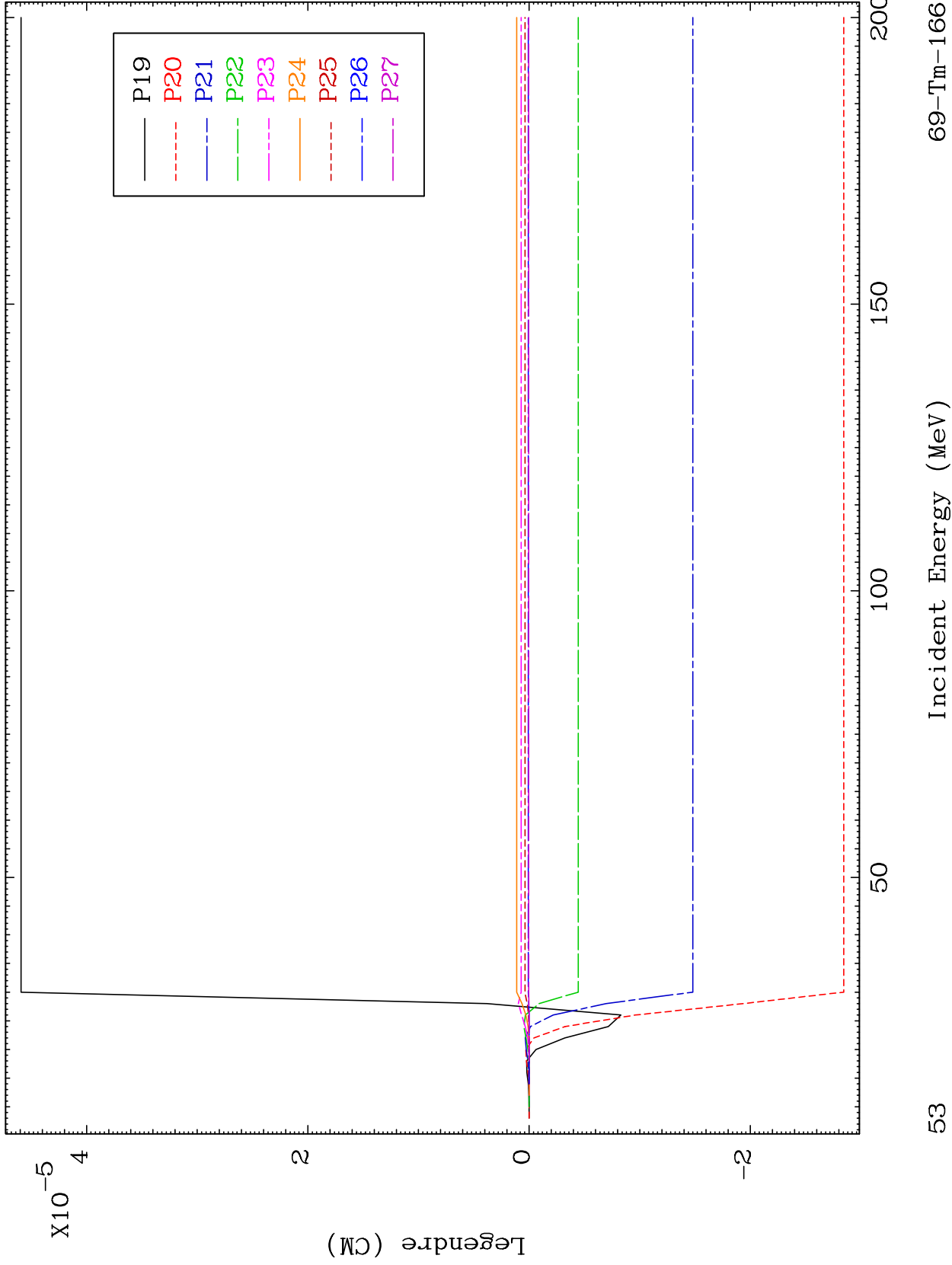
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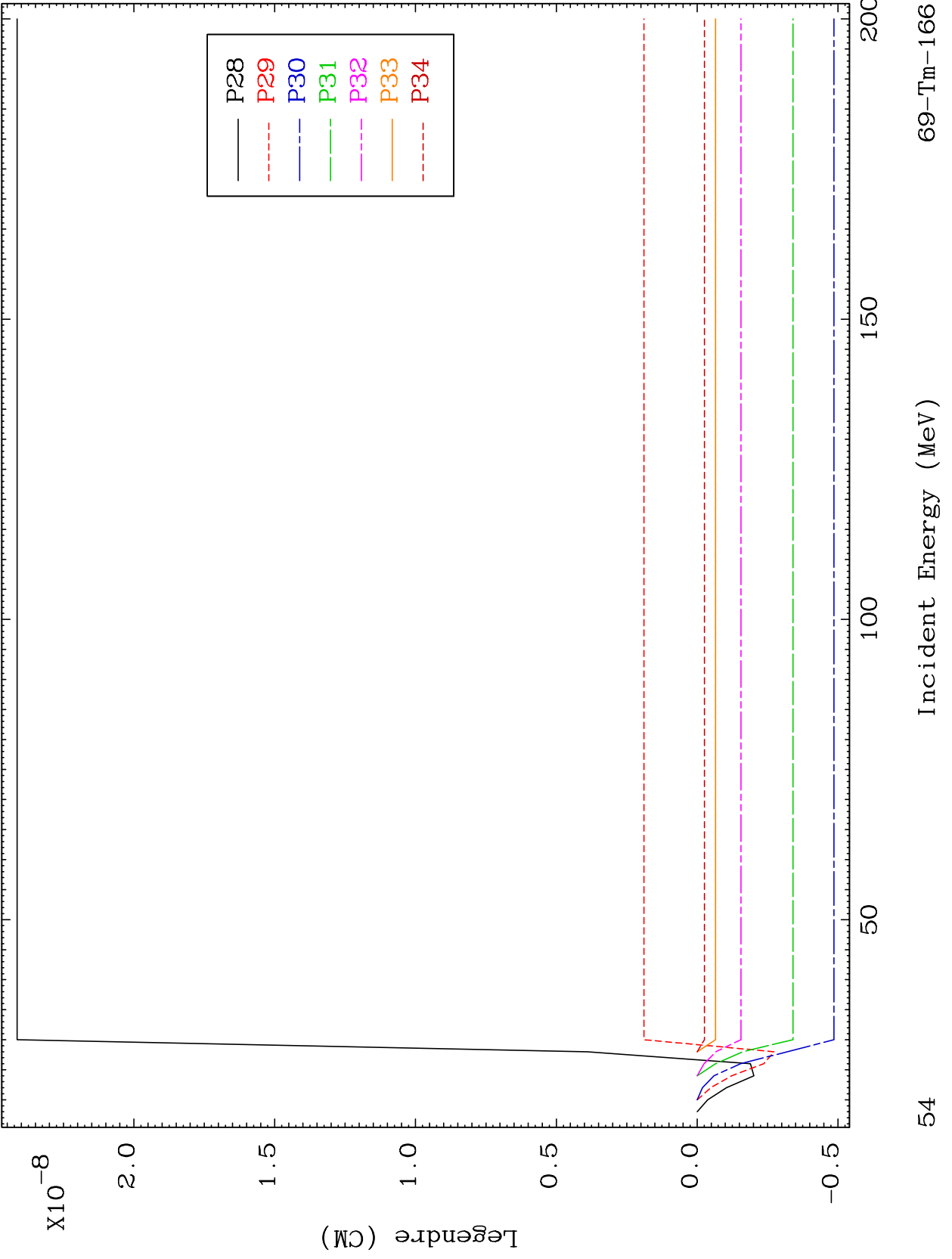


52

Incident Energy (MeV)

69-Tm-166

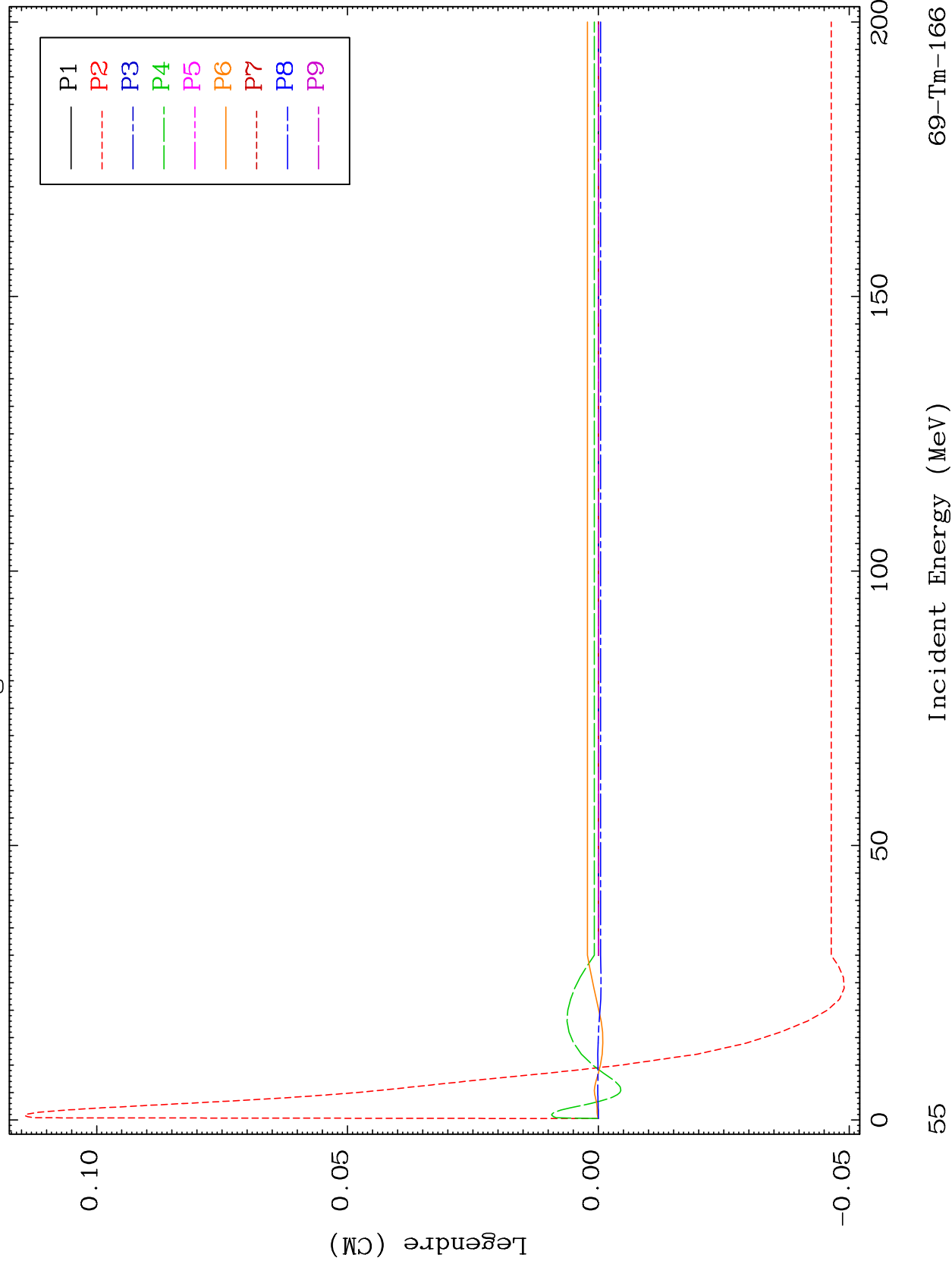




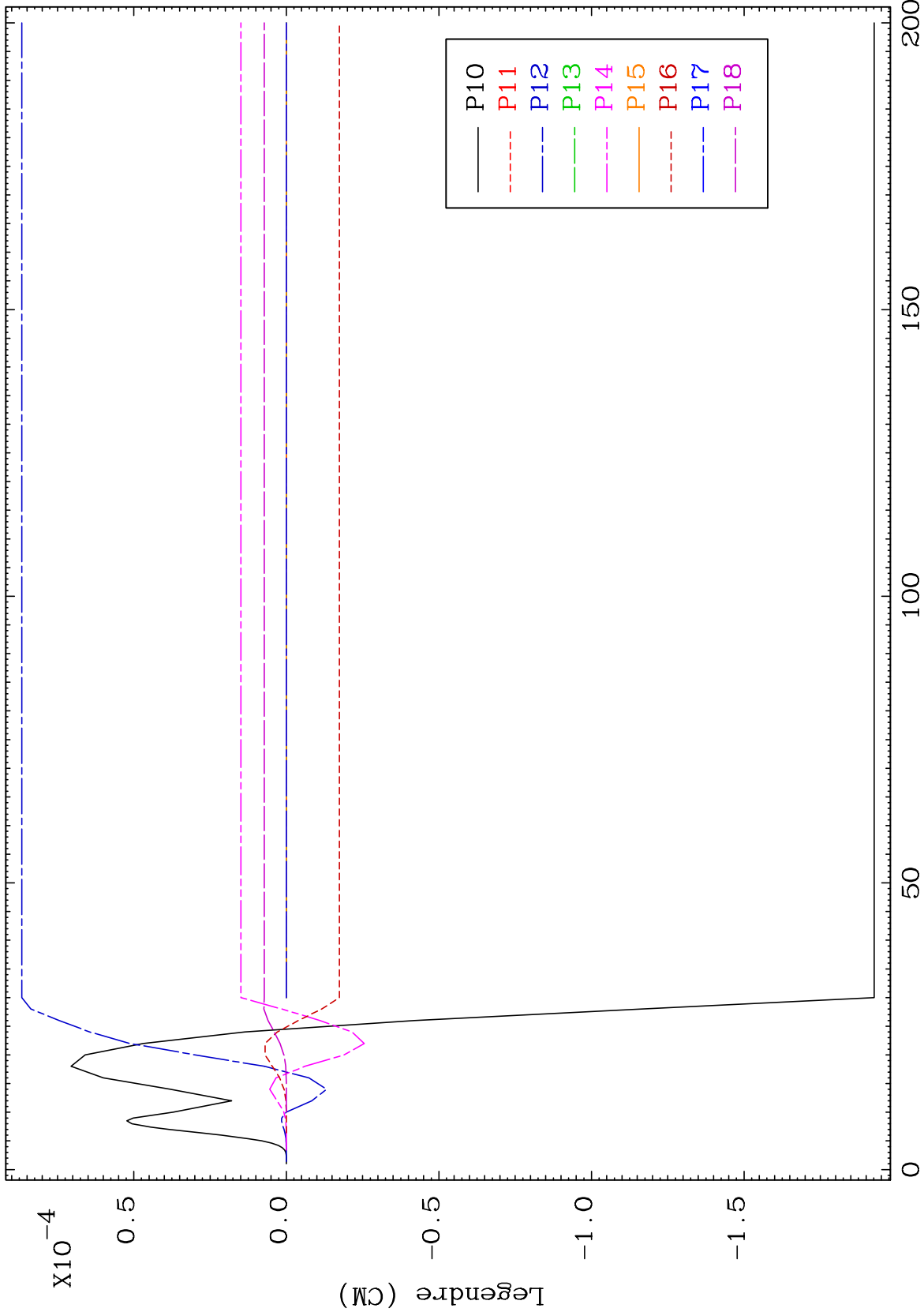
MAT 6916

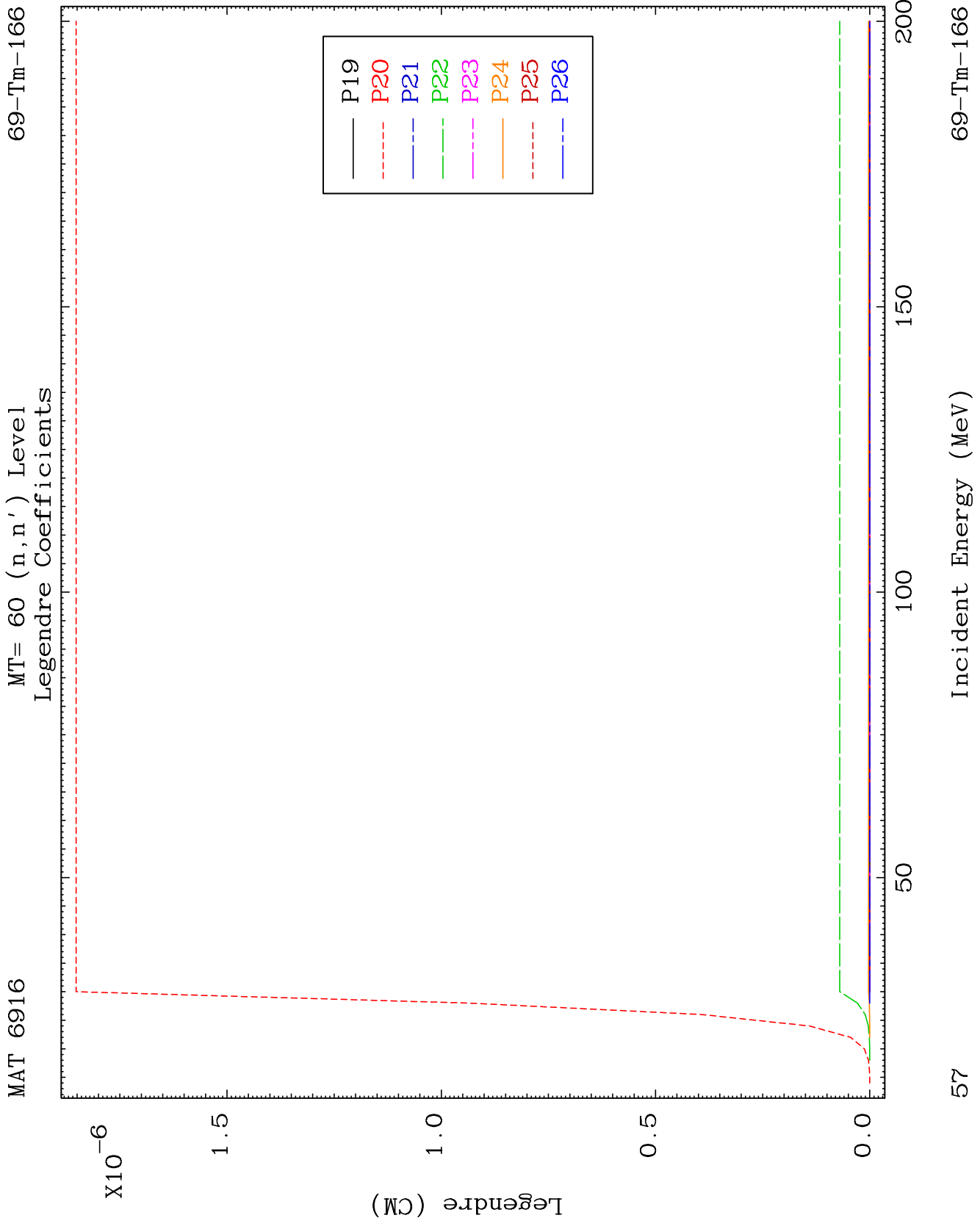
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Legendre Coefficients

69-Tm-166







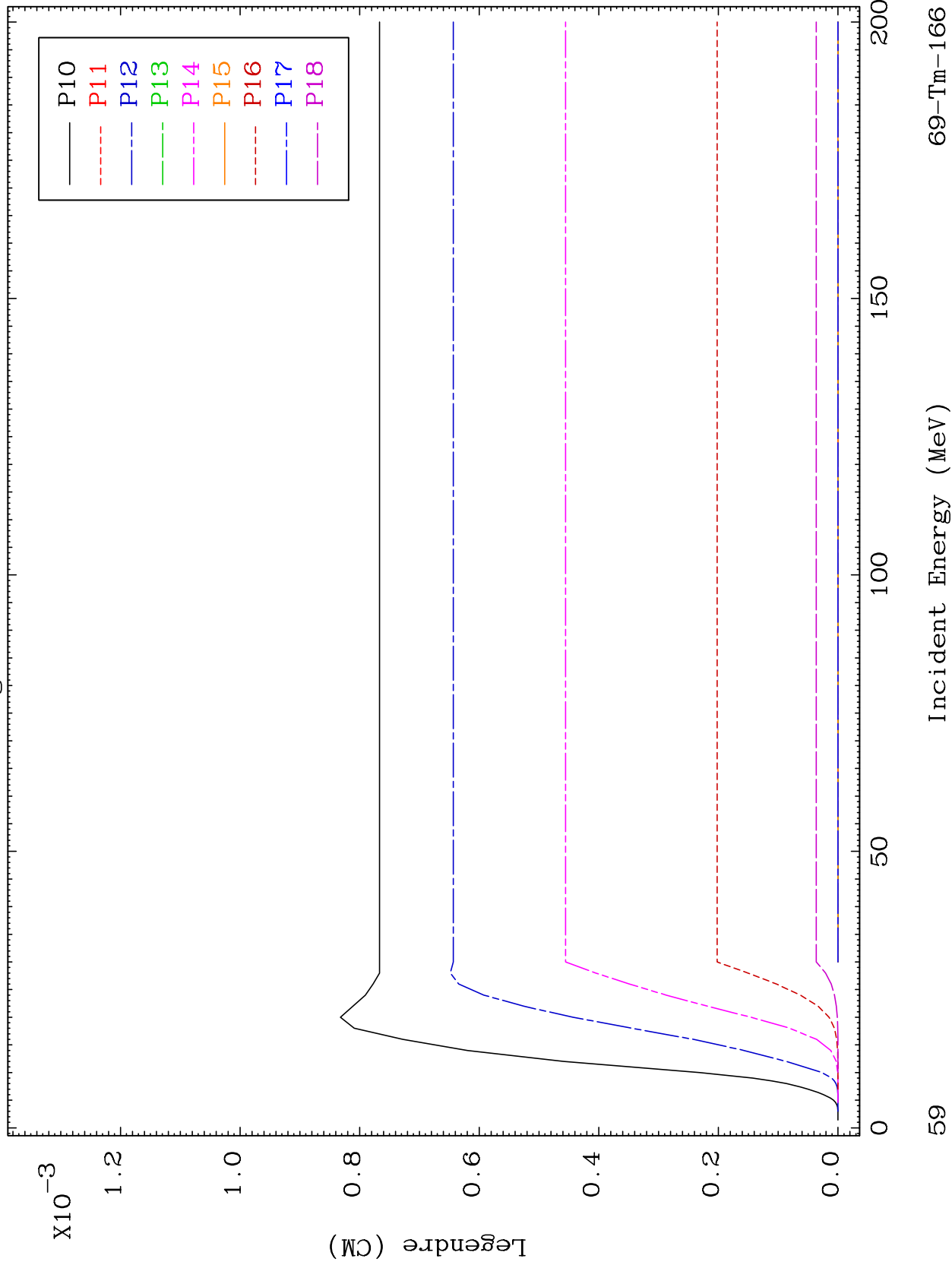




MAT 6916

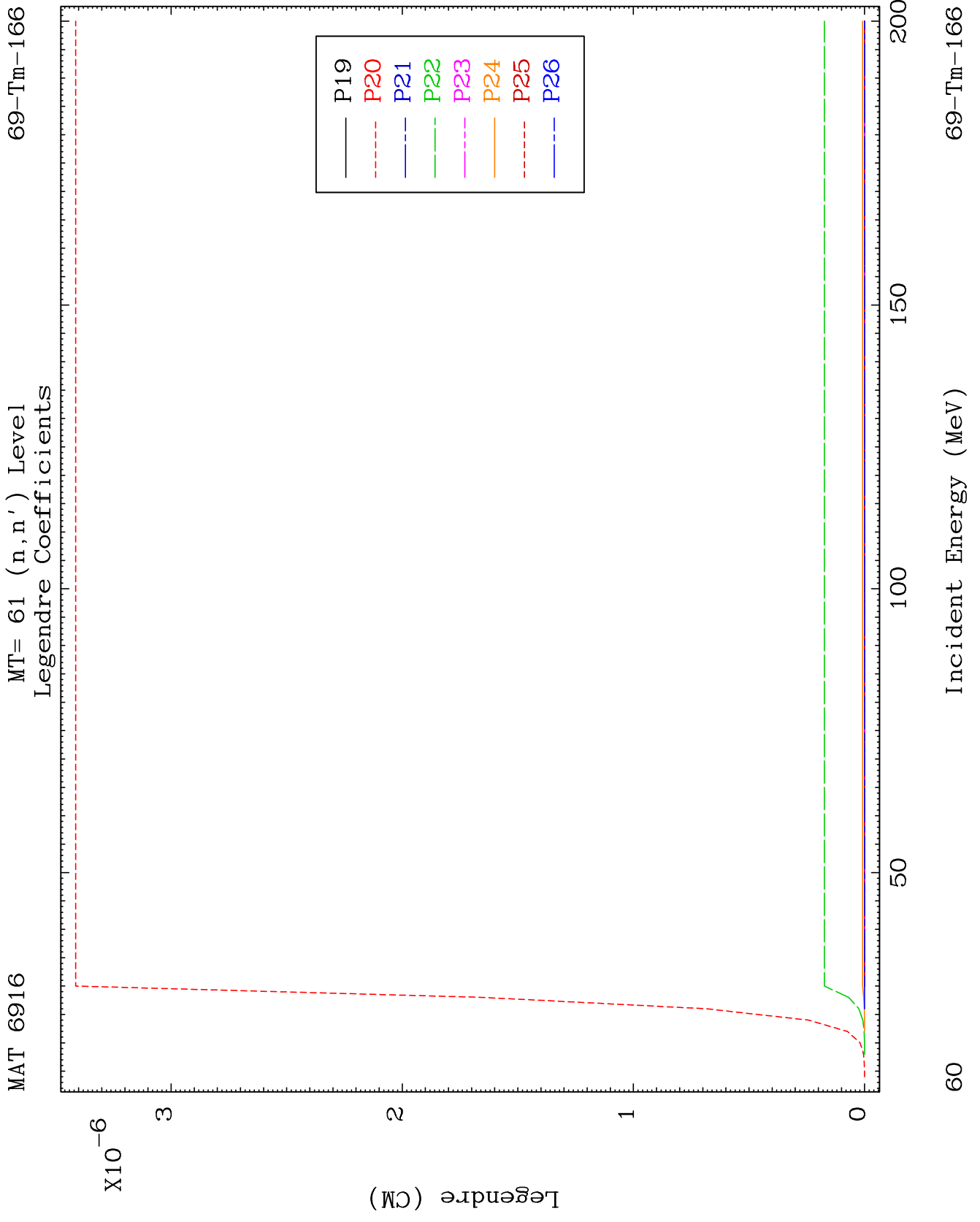
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Legendre Coefficients

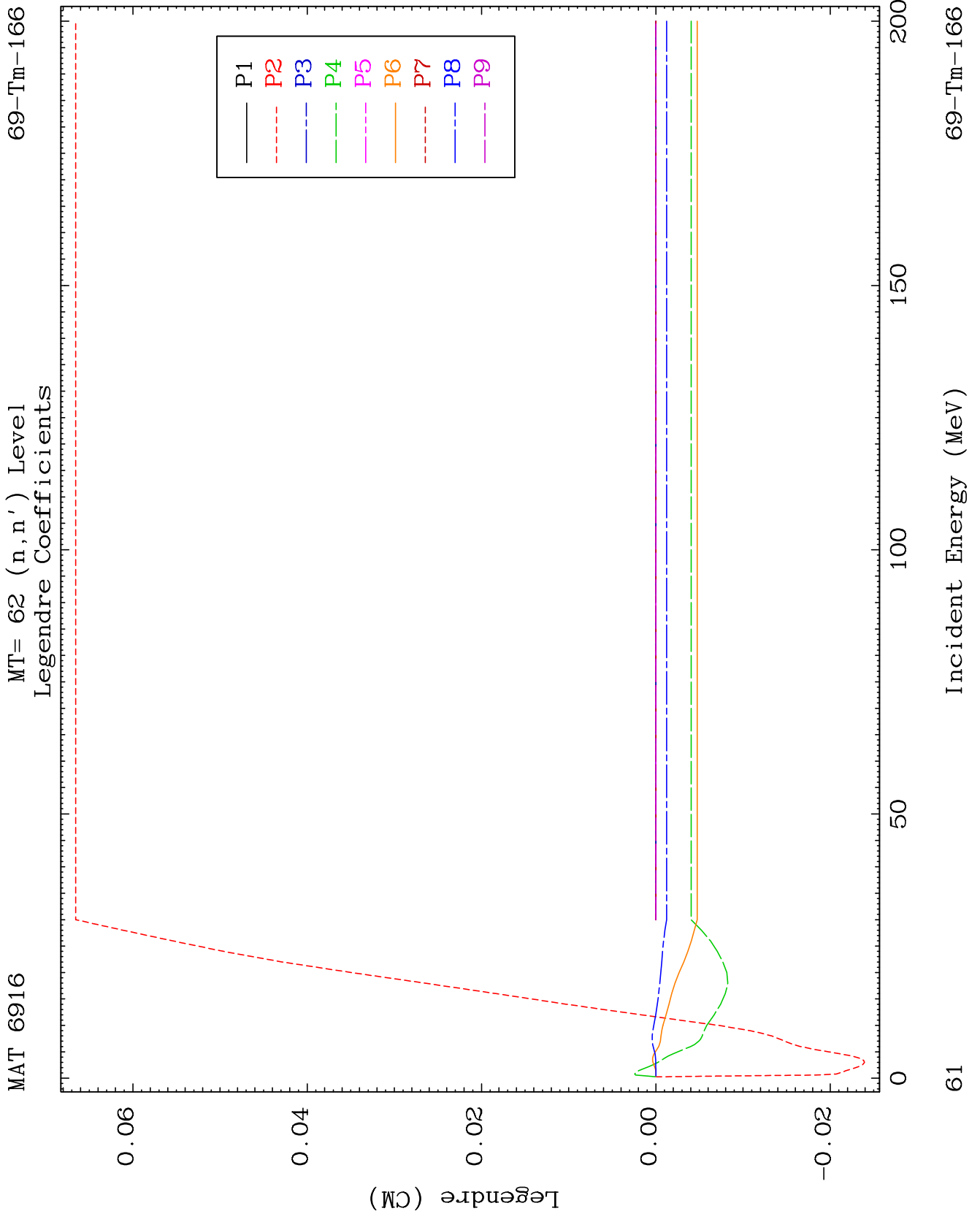
69-Tm-166



59

69-Tm-166

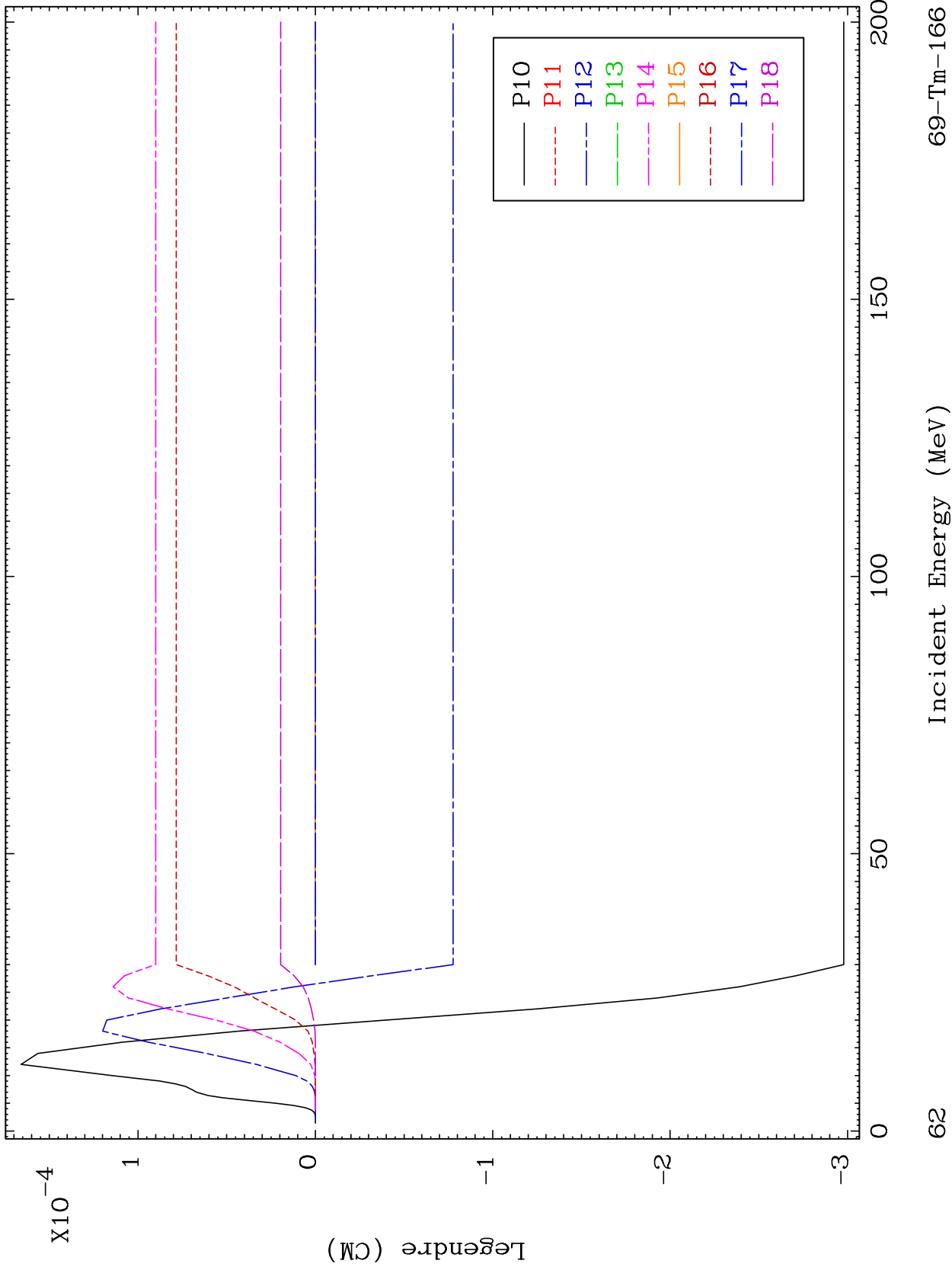




MAT 6916

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

69-Tm-166



69-Tm-166

Incident Energy (MeV)

62



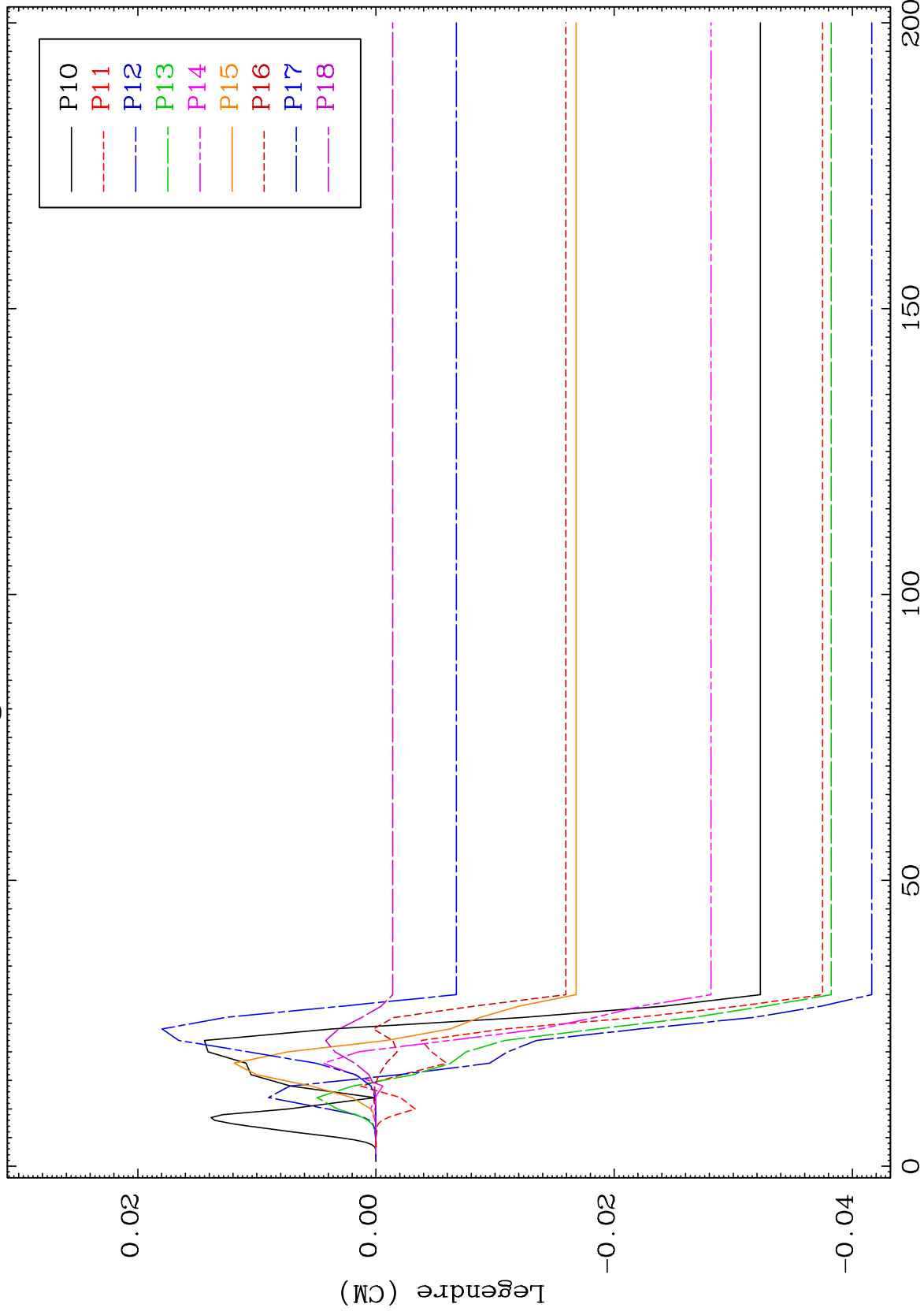




MAT 6916

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

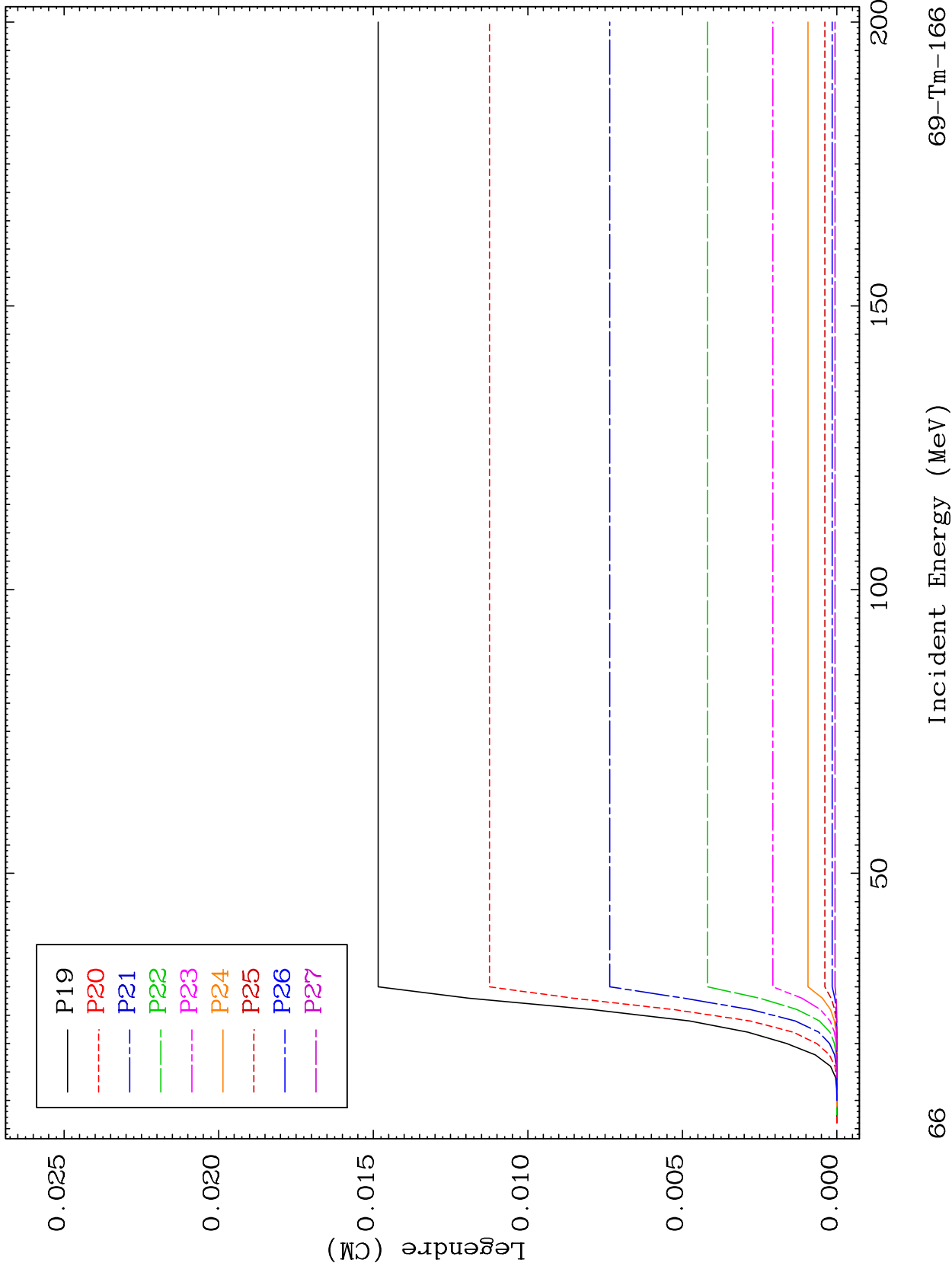
69-Tm-166



65

Incident Energy (MeV)

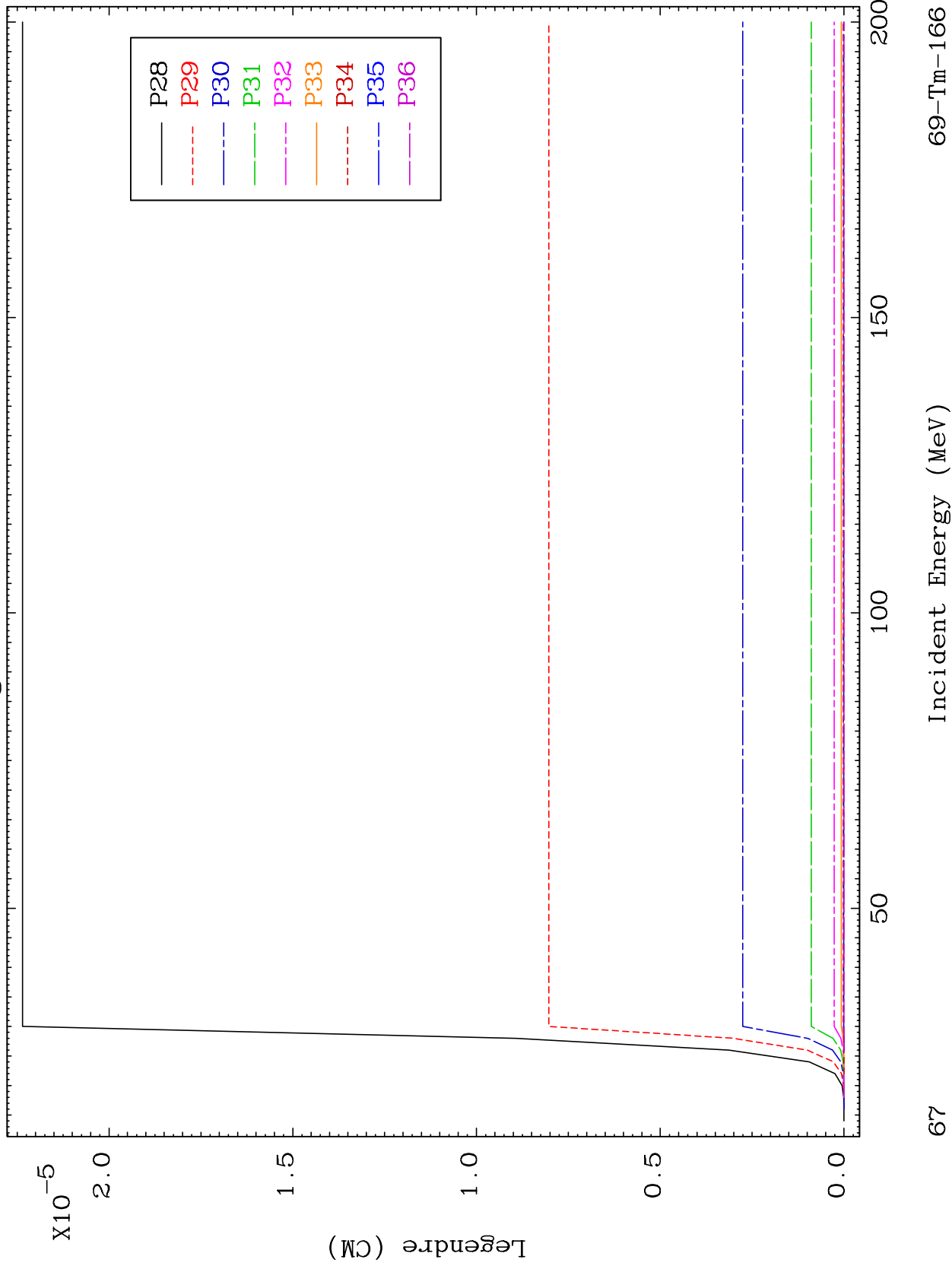
69-Tm-166



MAT 6916

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

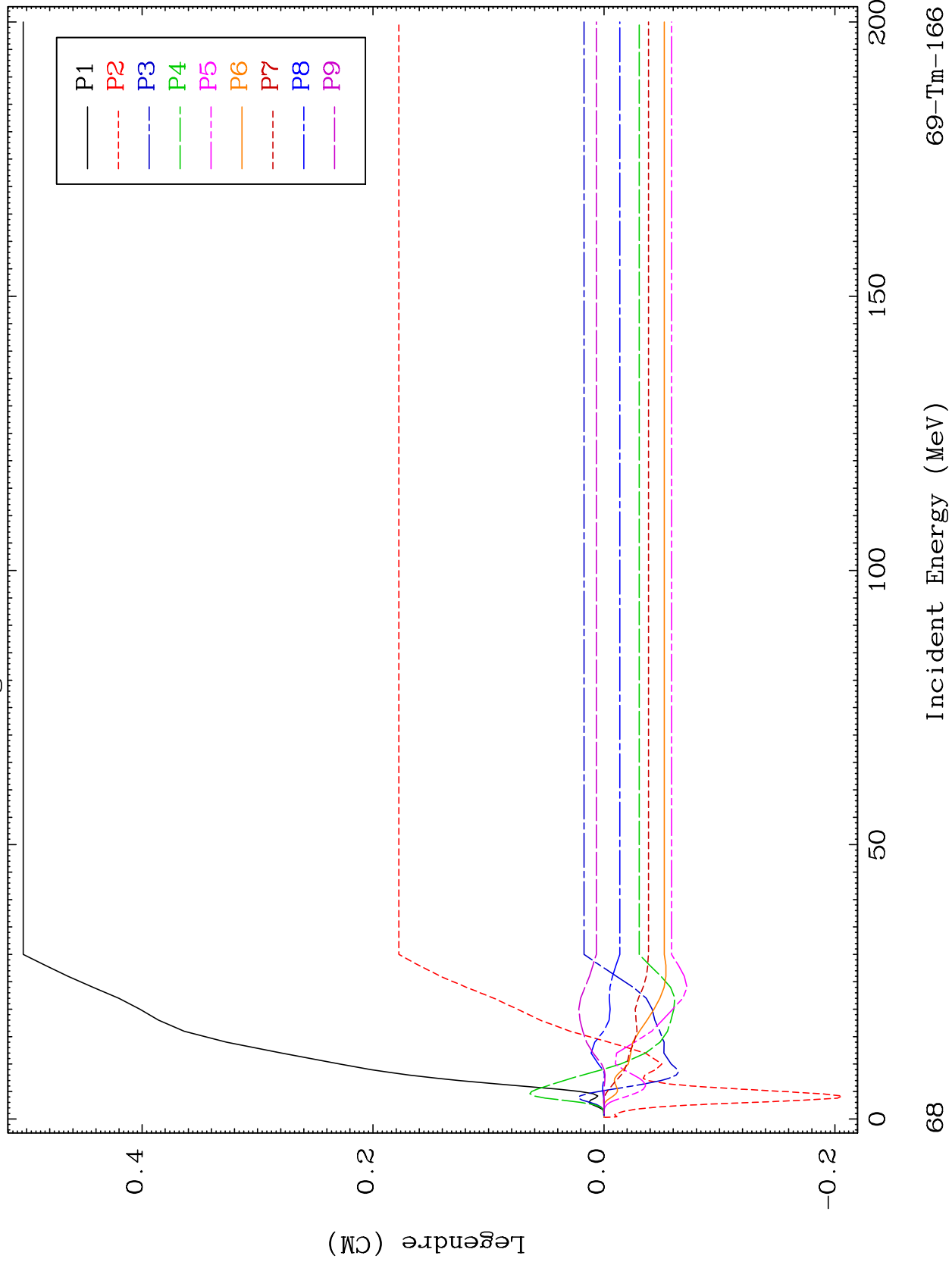
69-Tm-166



MAT 6916

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

69-Tm-166



69-Tm-166

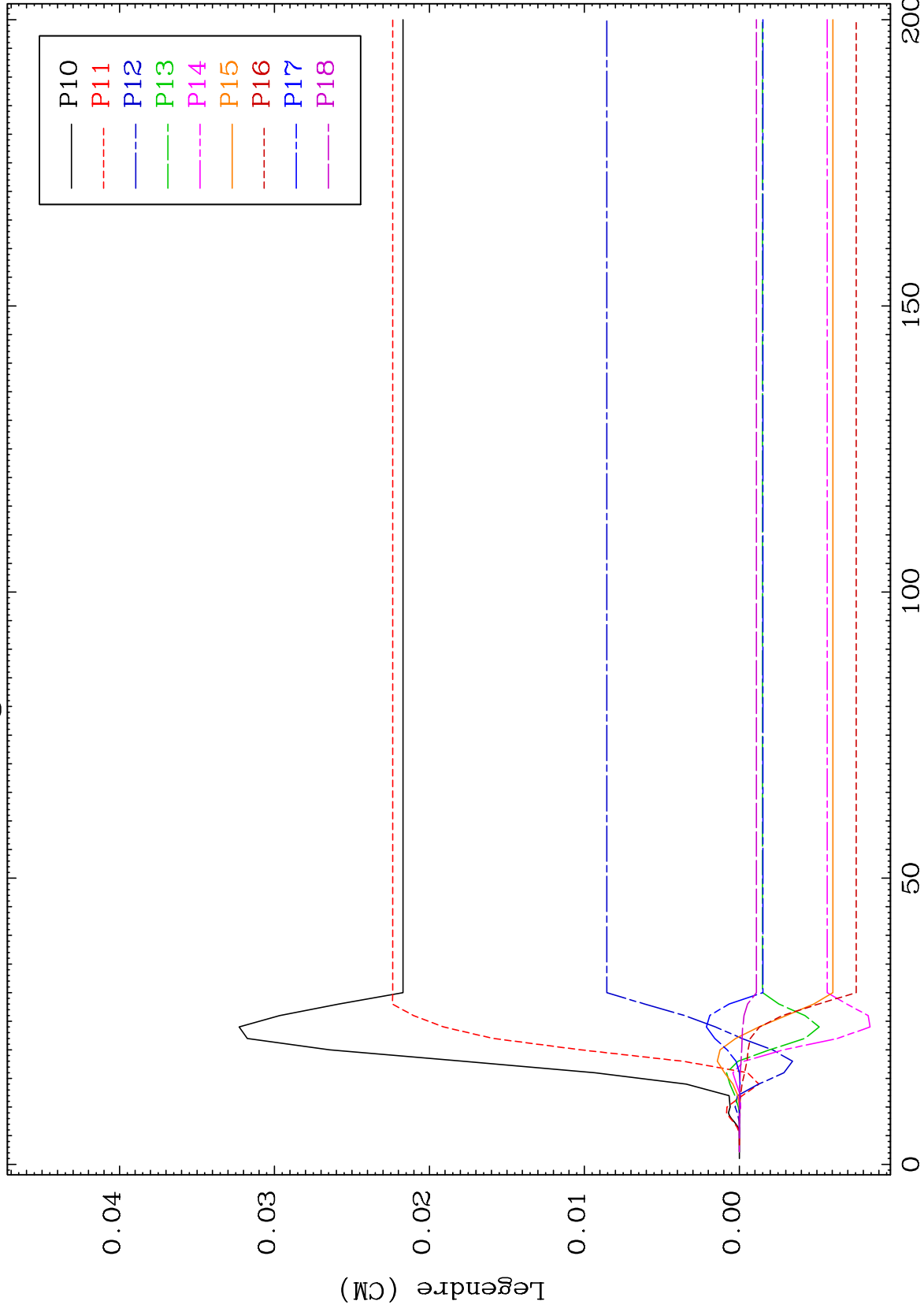
Incident Energy (MeV)

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MAT 6916

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

69-Tm-166



69

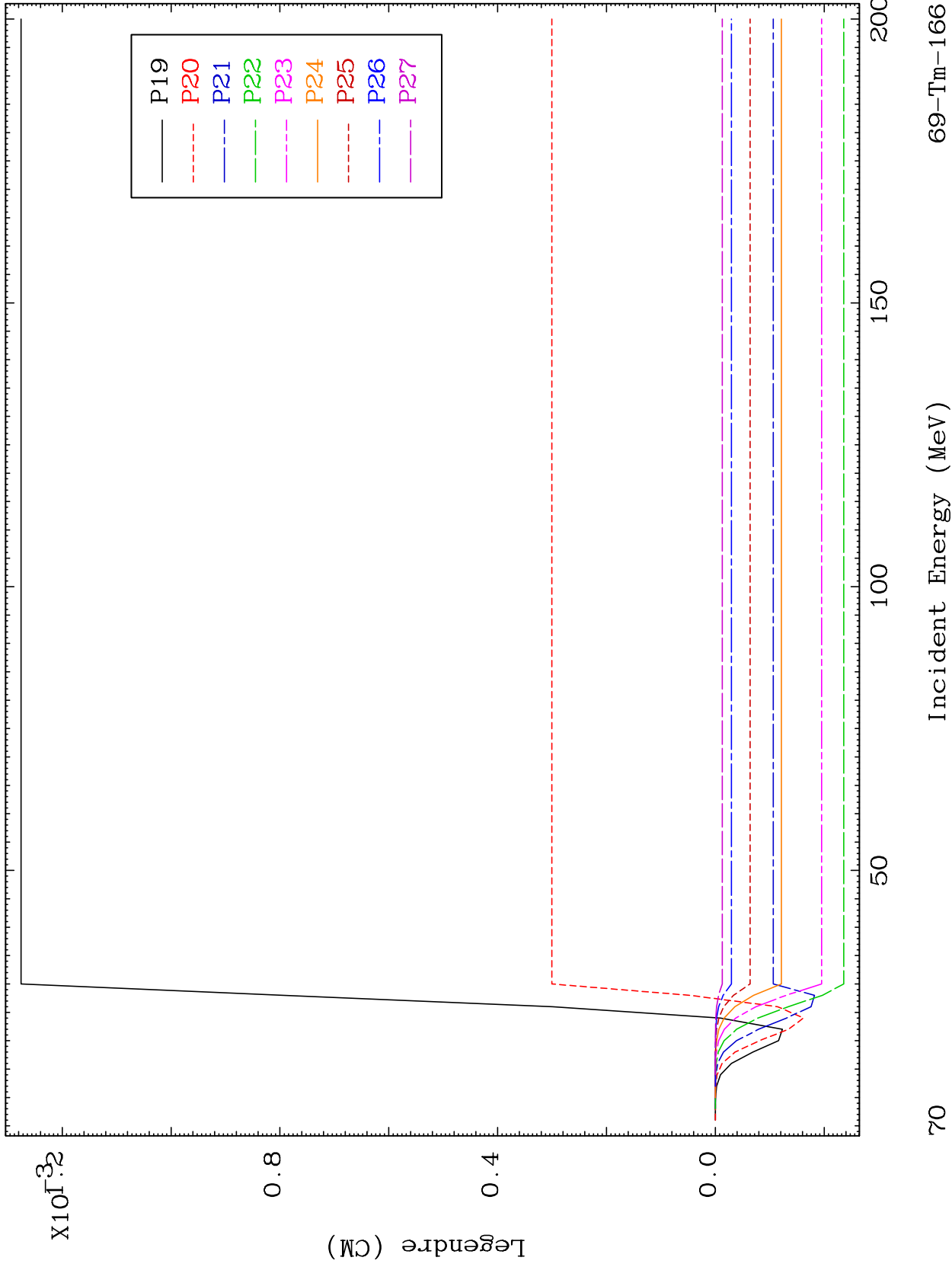
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

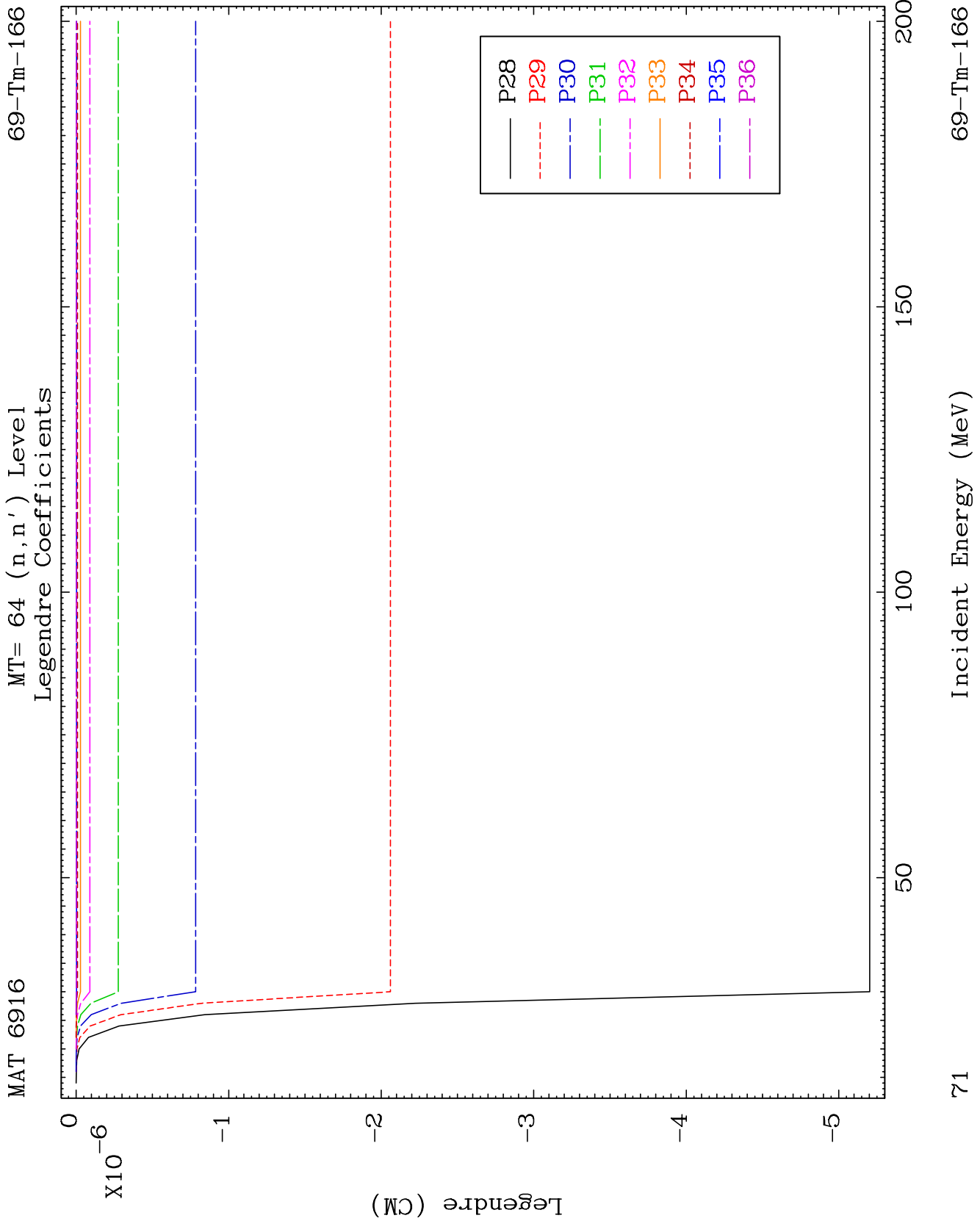
69-Tm-166



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Incident Energy (MeV)

69-Tm-166

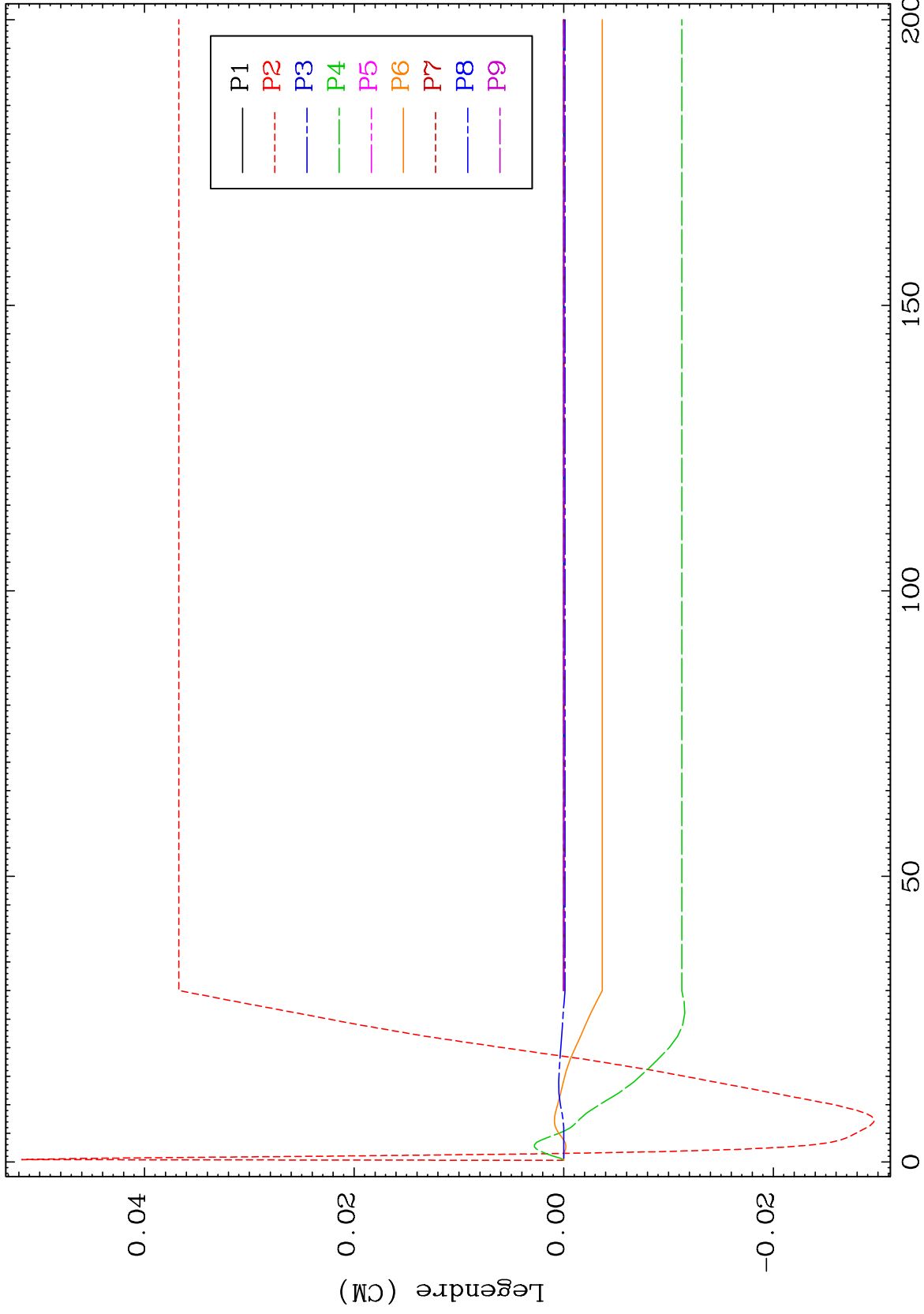




MAT 6916

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

69-Tm-166



72

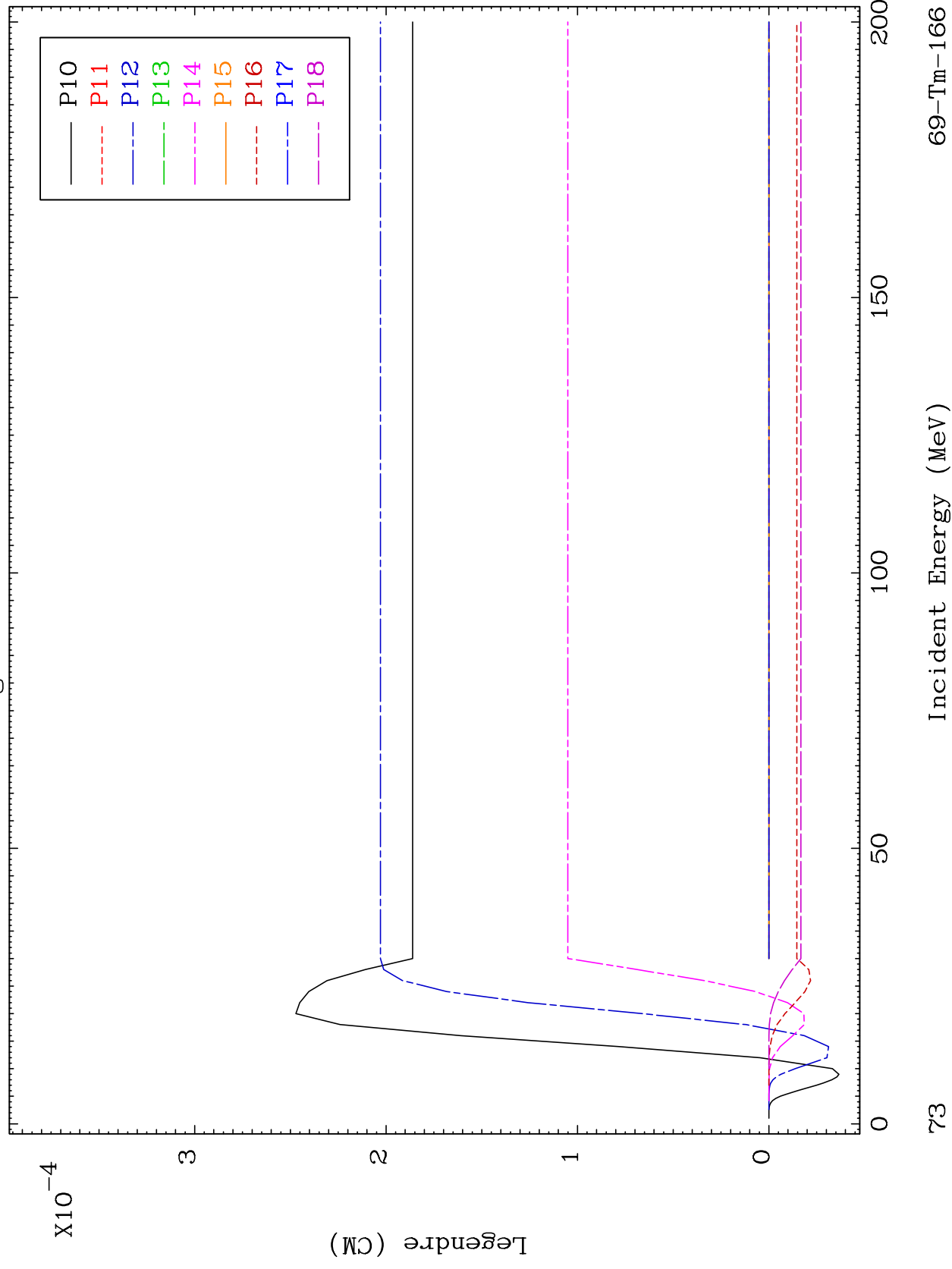
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166

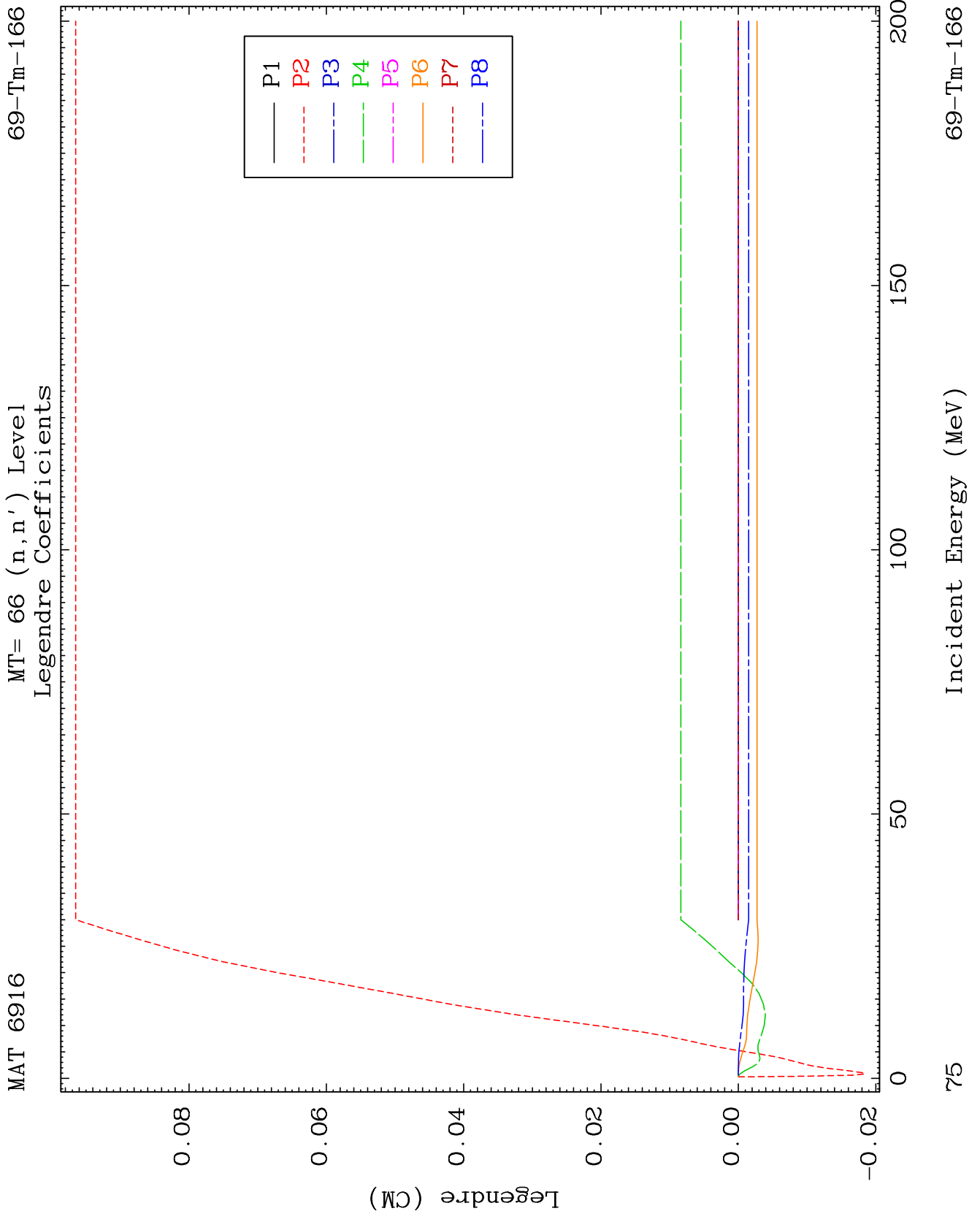


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Incident Energy (MeV)

69-Tm-166

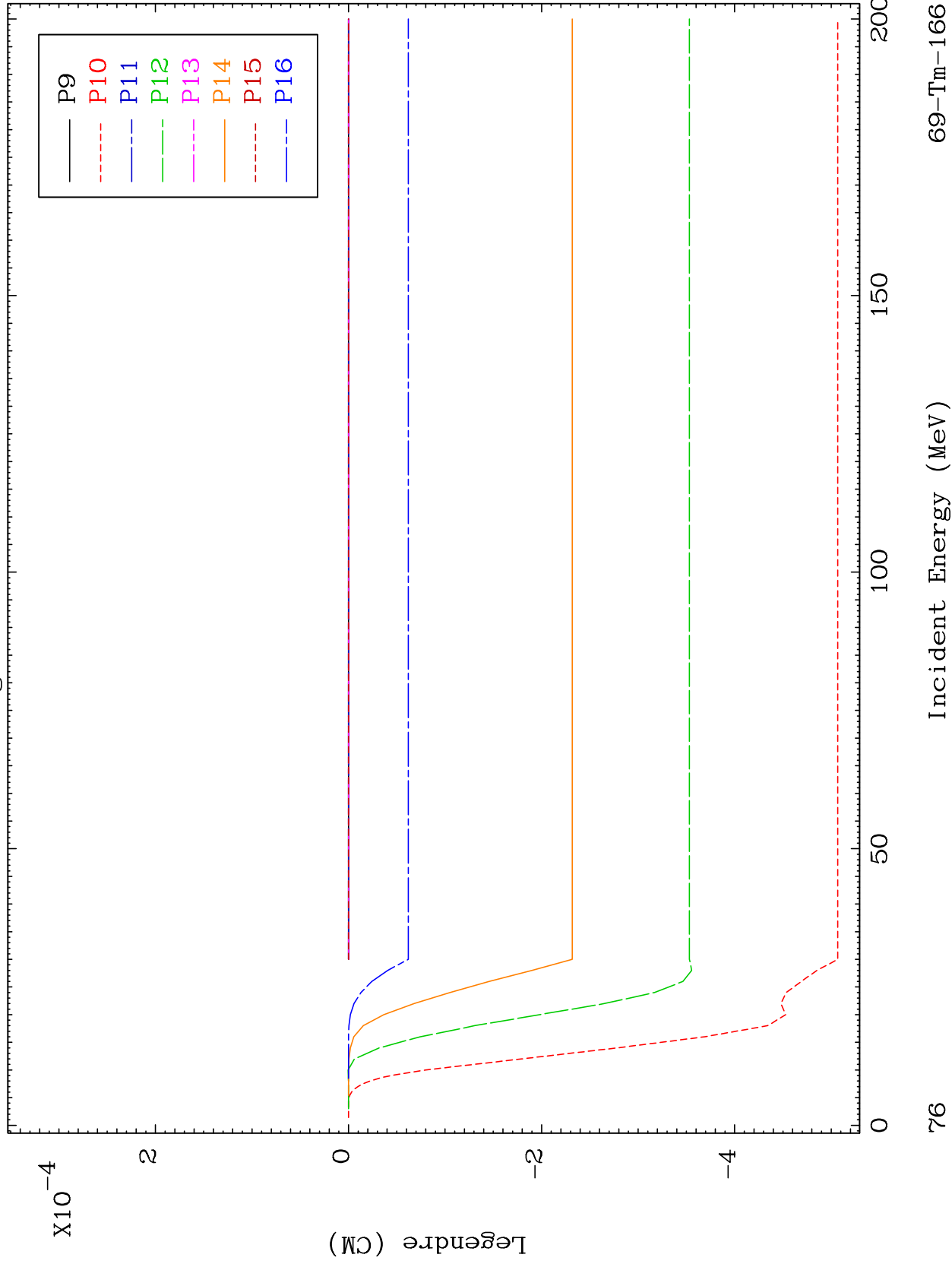




MAT 6916

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

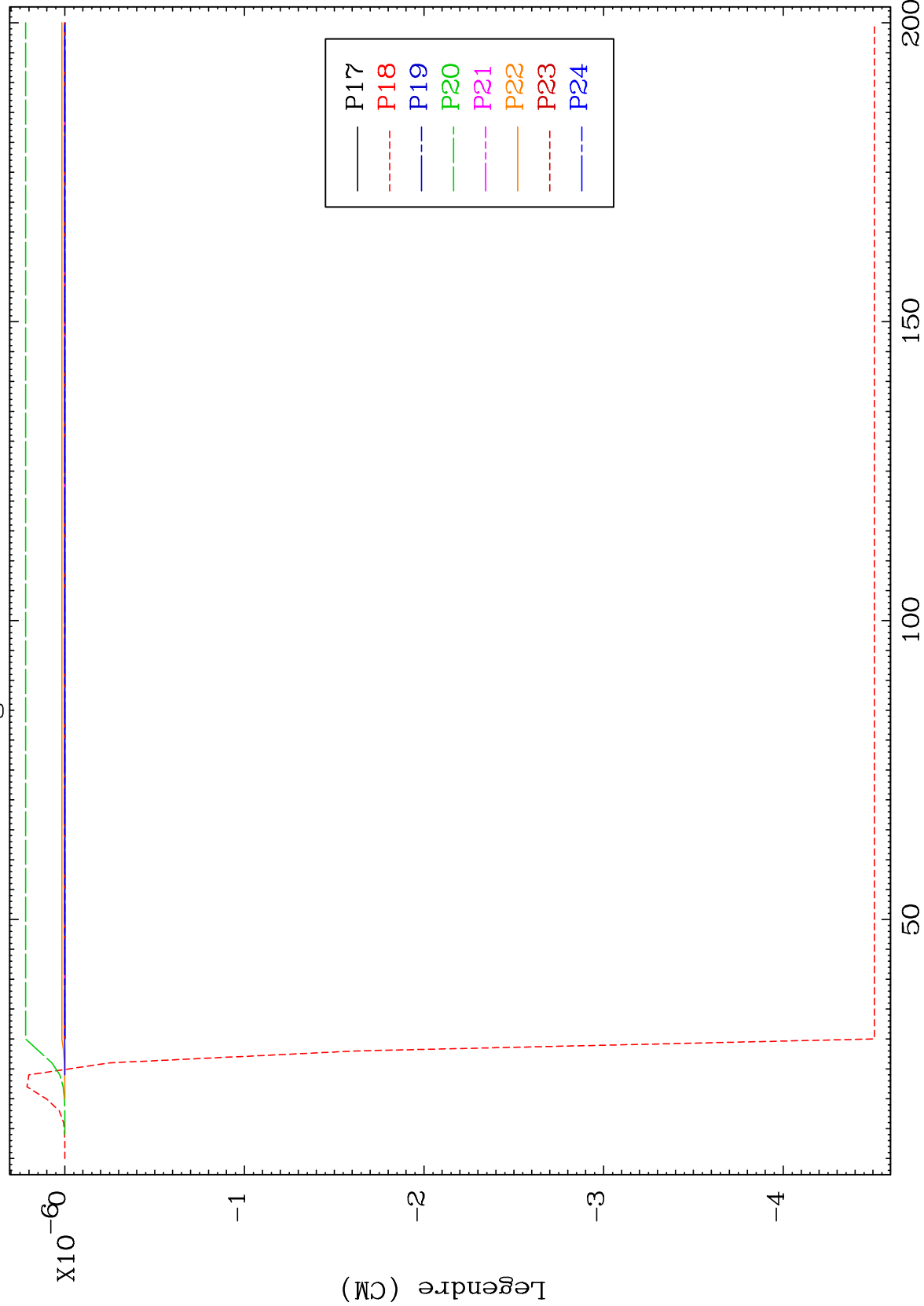
69-Tm-166



MAT 6916

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

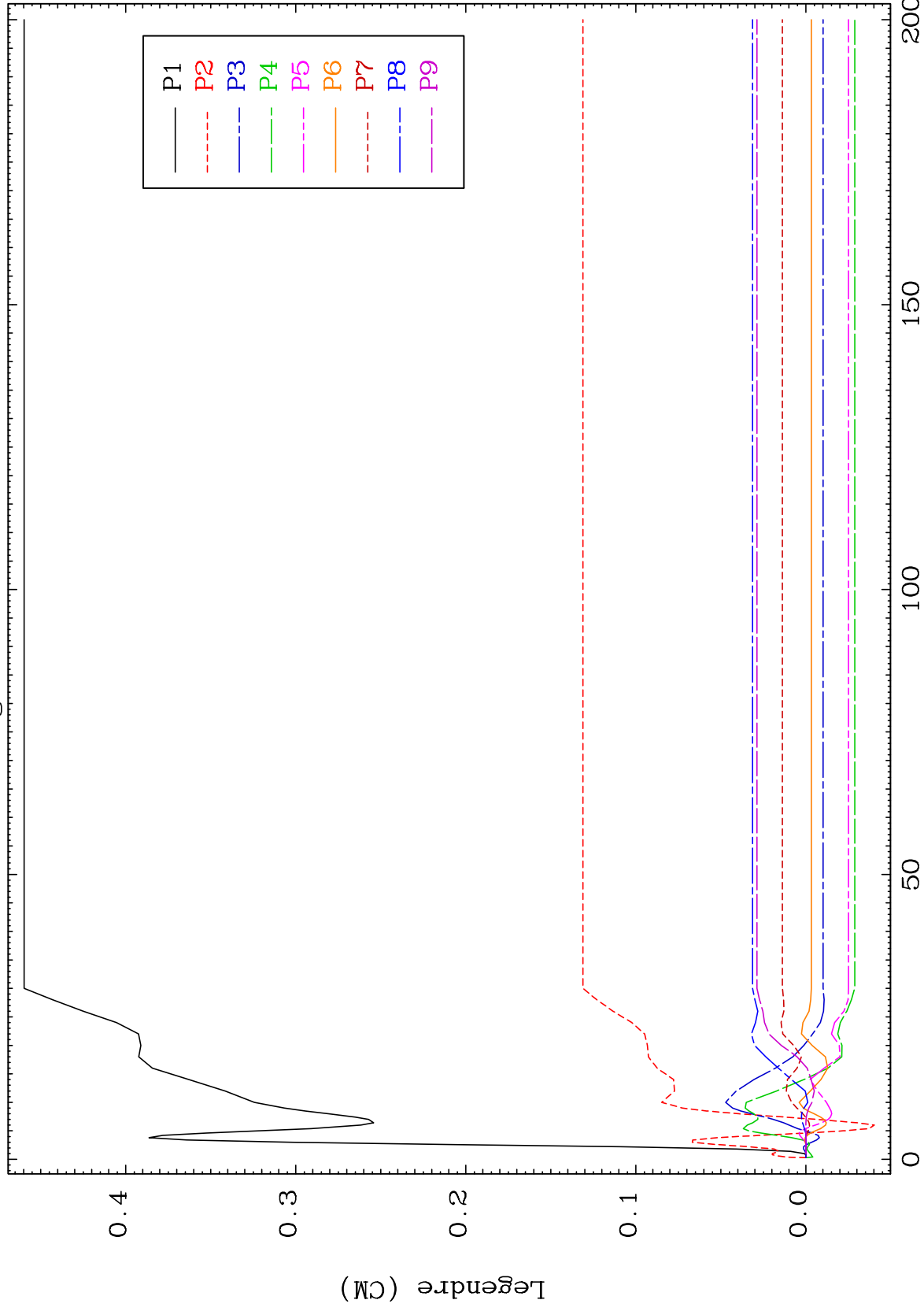
69-Tm-166



MAT 6916

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

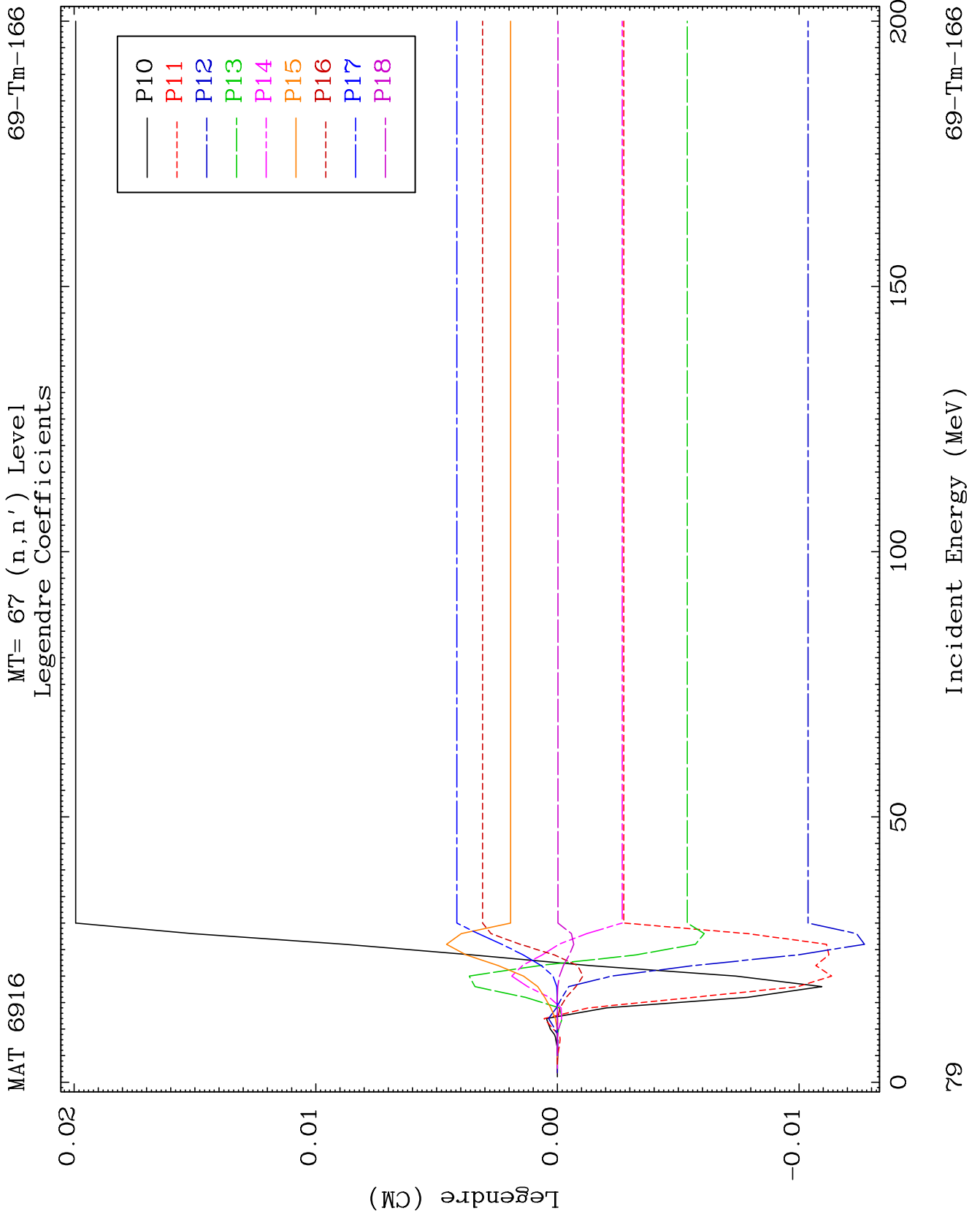
69-Tm-166



78

Incident Energy (MeV)

69-Tm-166

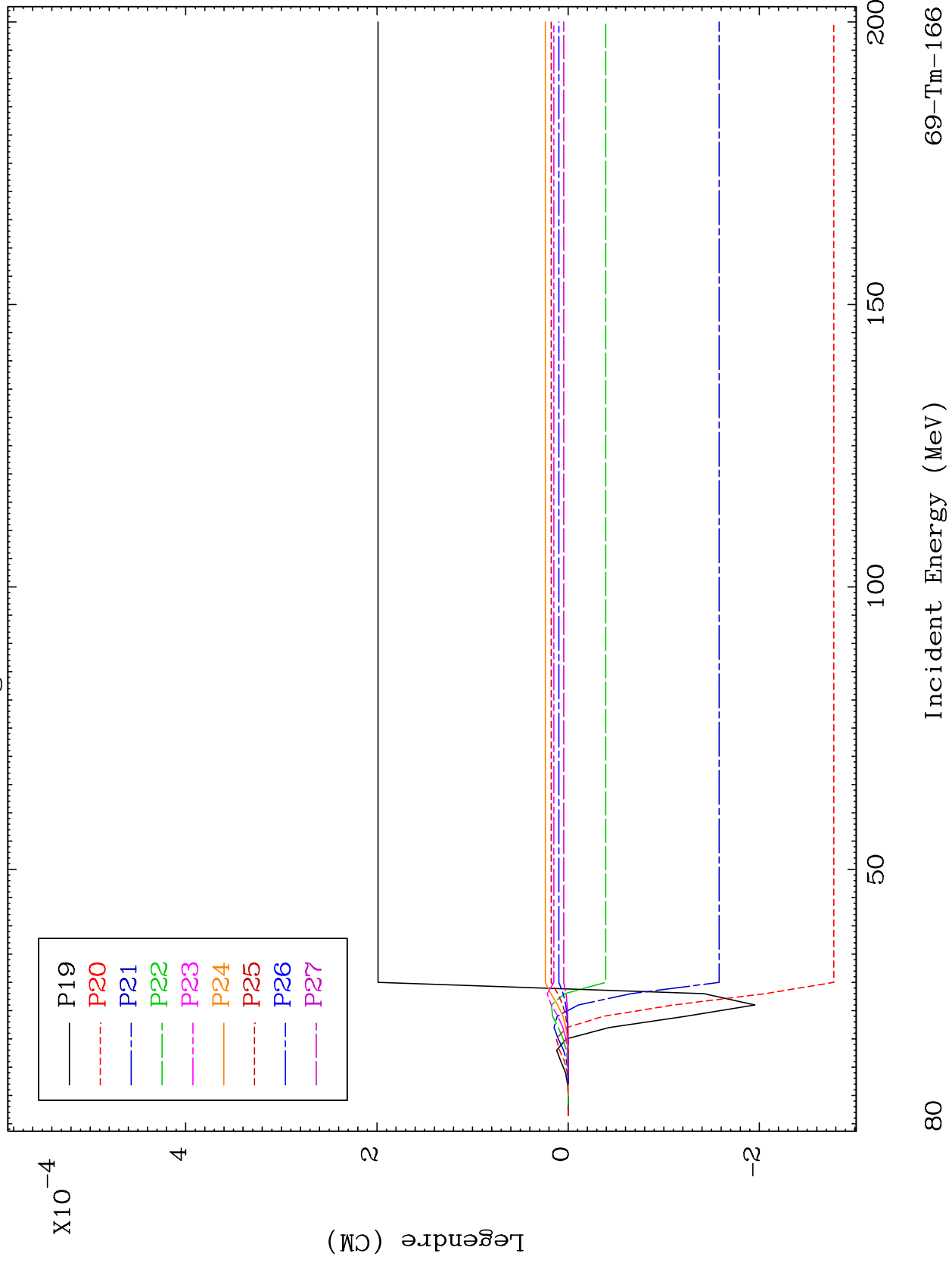




MAT 6916

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

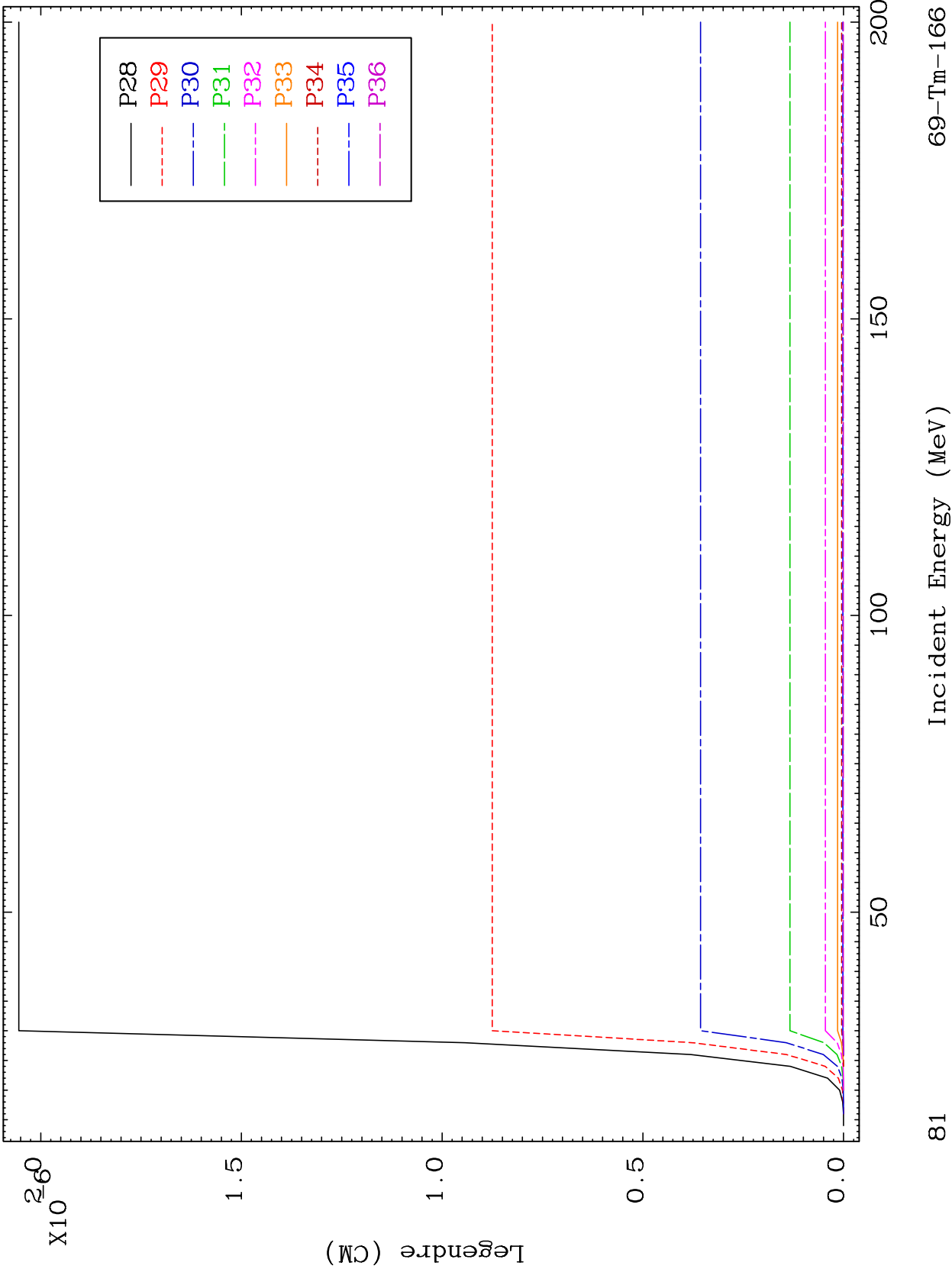
69-Tm-166



MAT 6916

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

69-Tm-166



81

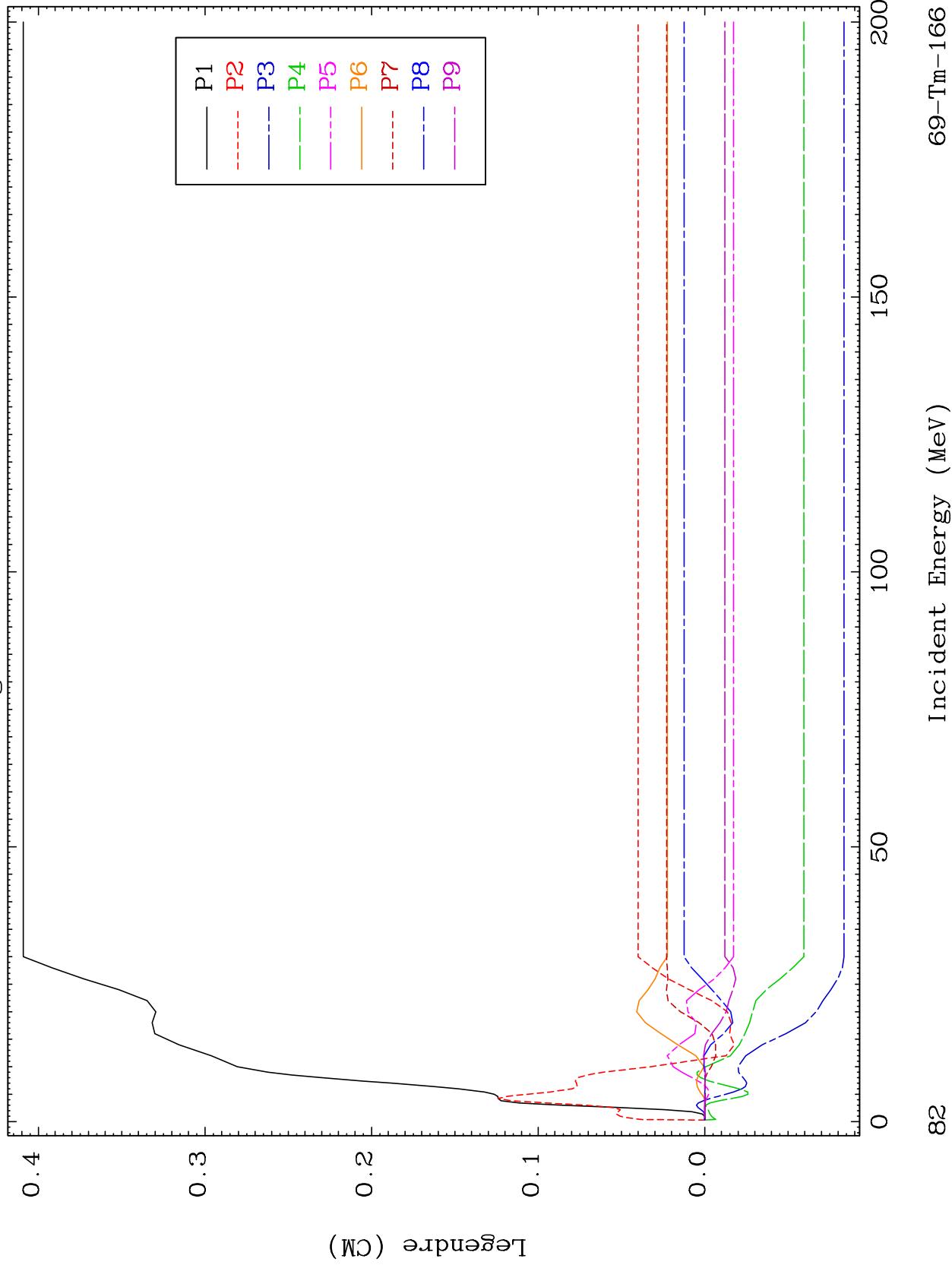
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



69-Tm-166

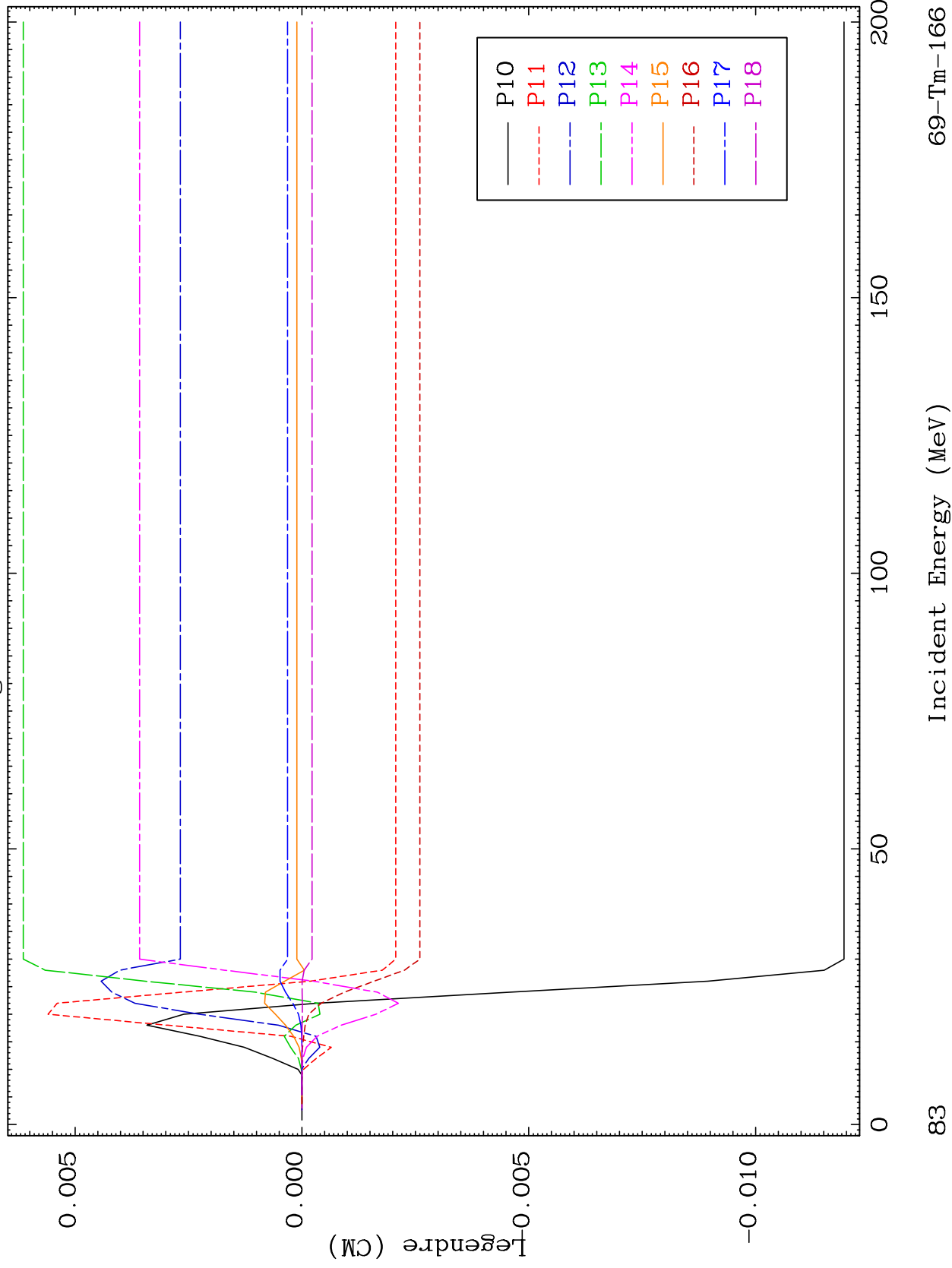
Incident Energy (MeV)

82

MAT 6916

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

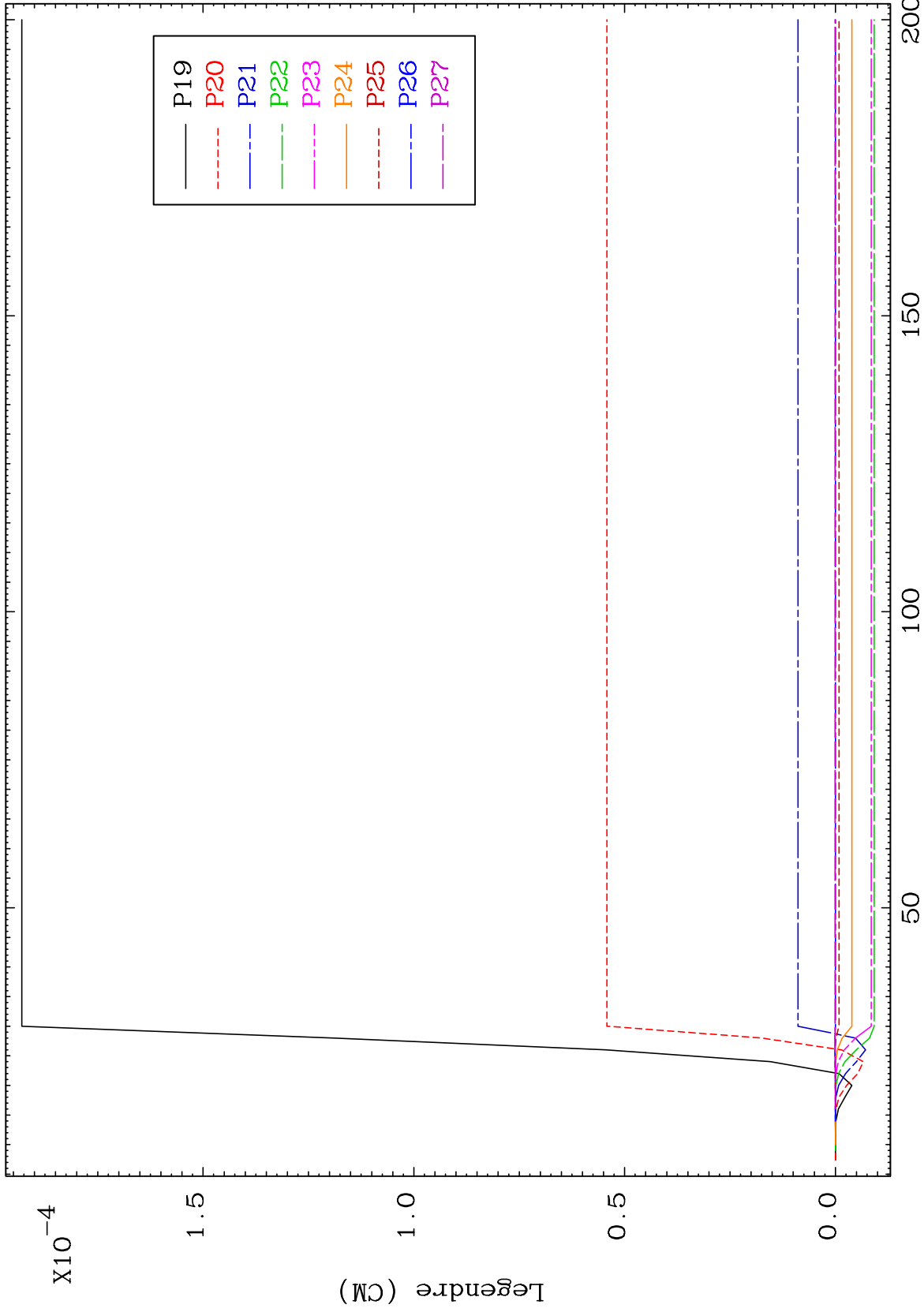
69-Tm-166



MAT 6916

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

69-Tm-166



84

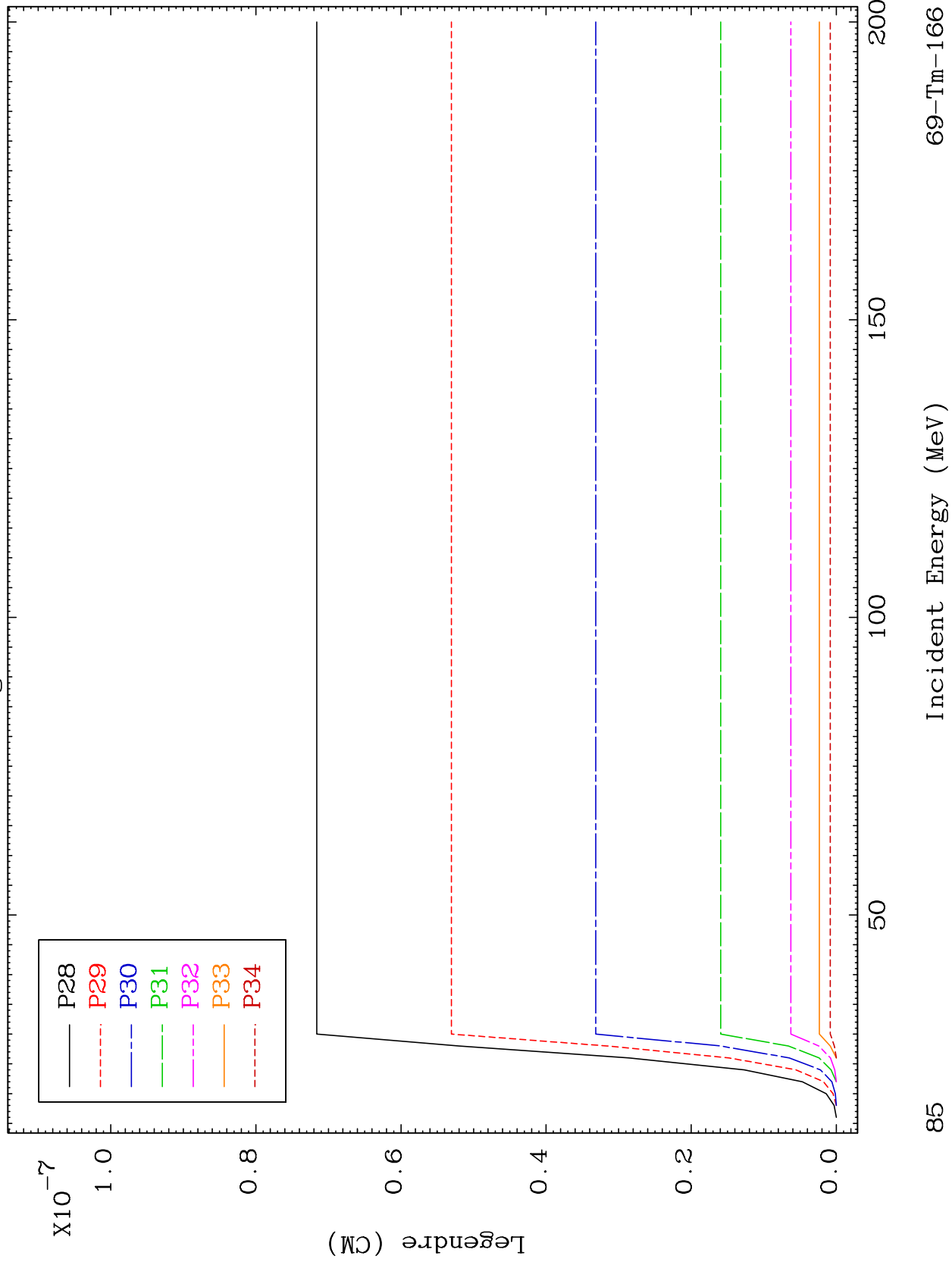
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



85

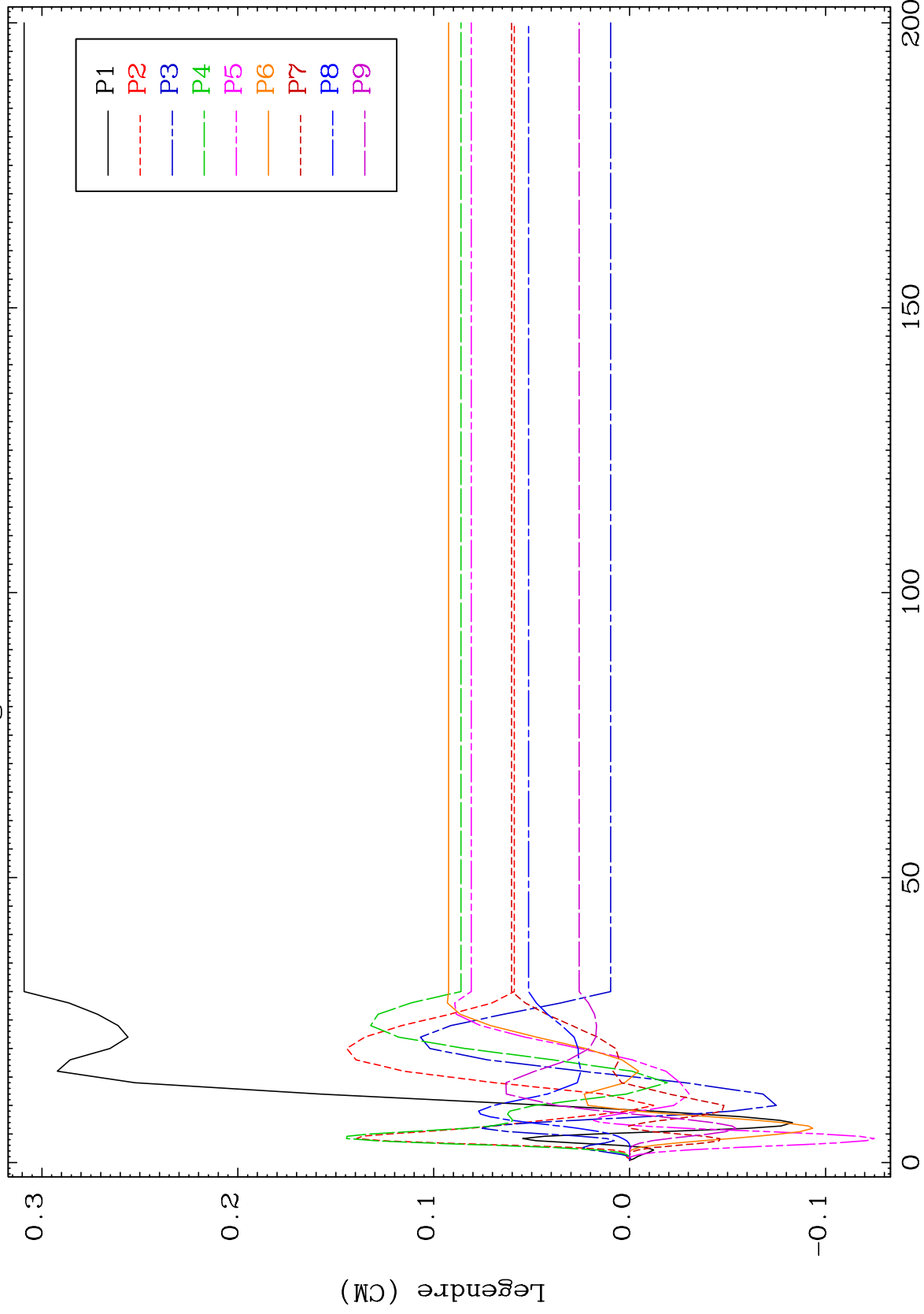
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

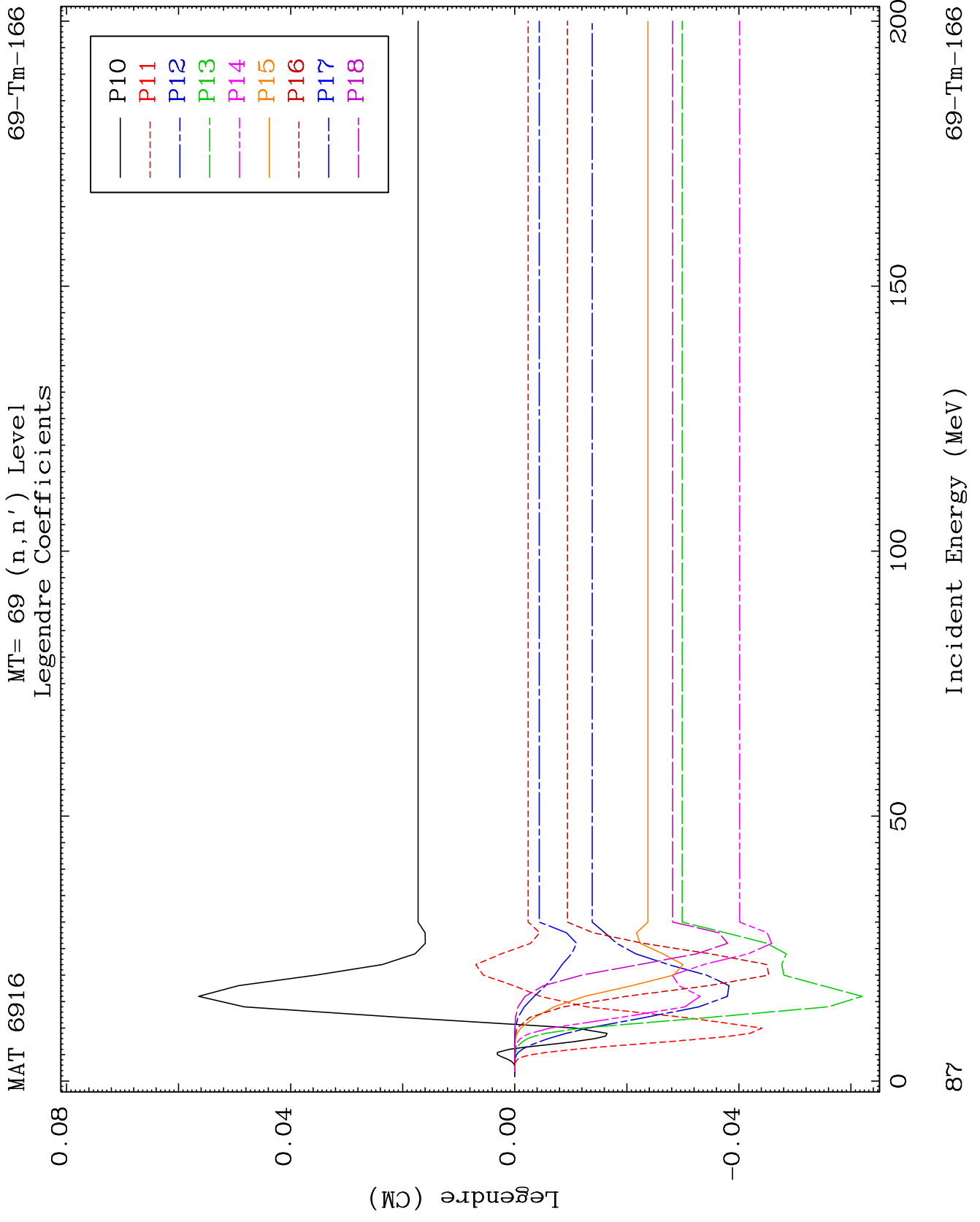
69-Tm-166



86

Incident Energy (MeV)

69-Tm-166

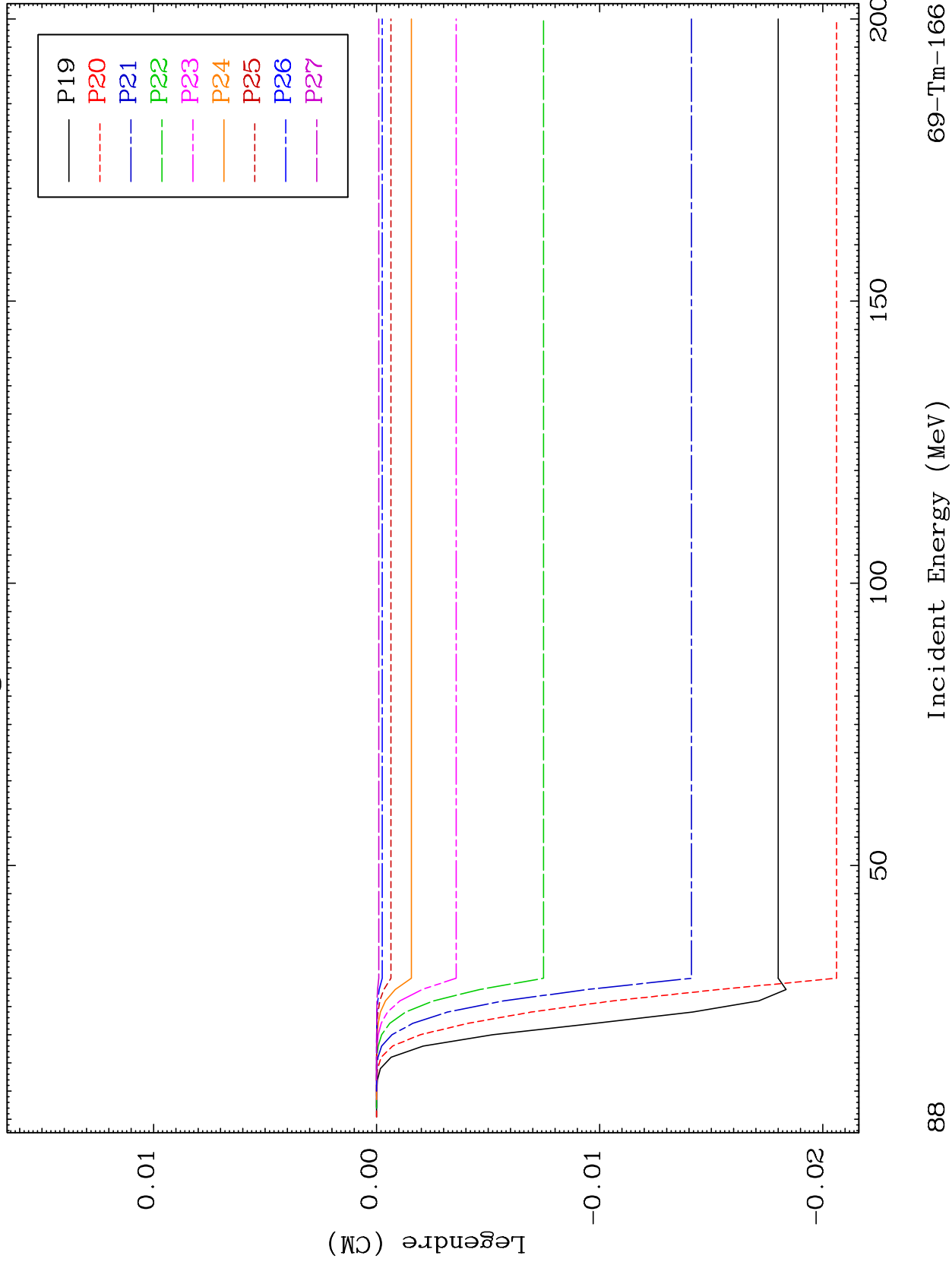




MAT 6916

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

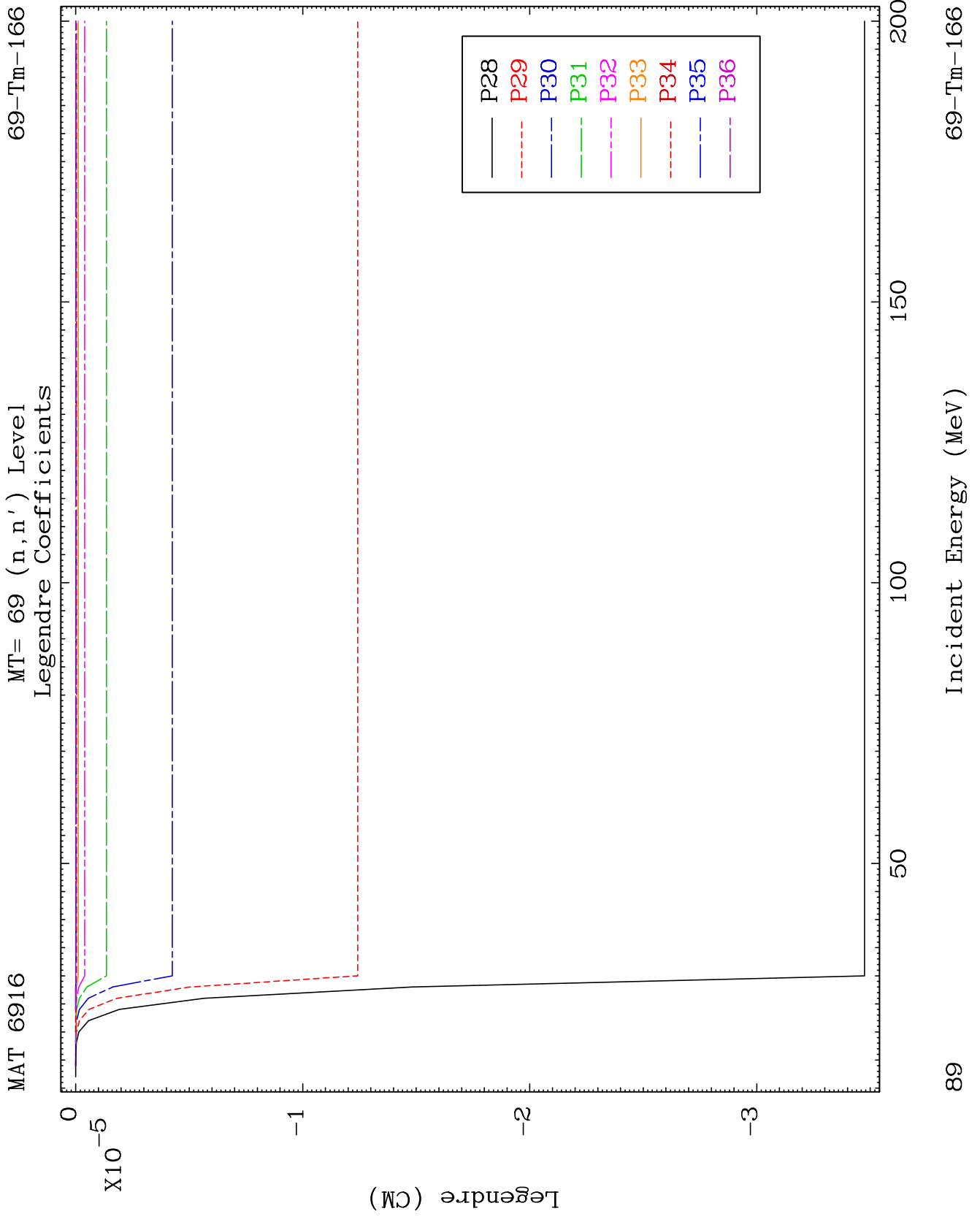
69-Tm-166



88

Incident Energy (MeV)

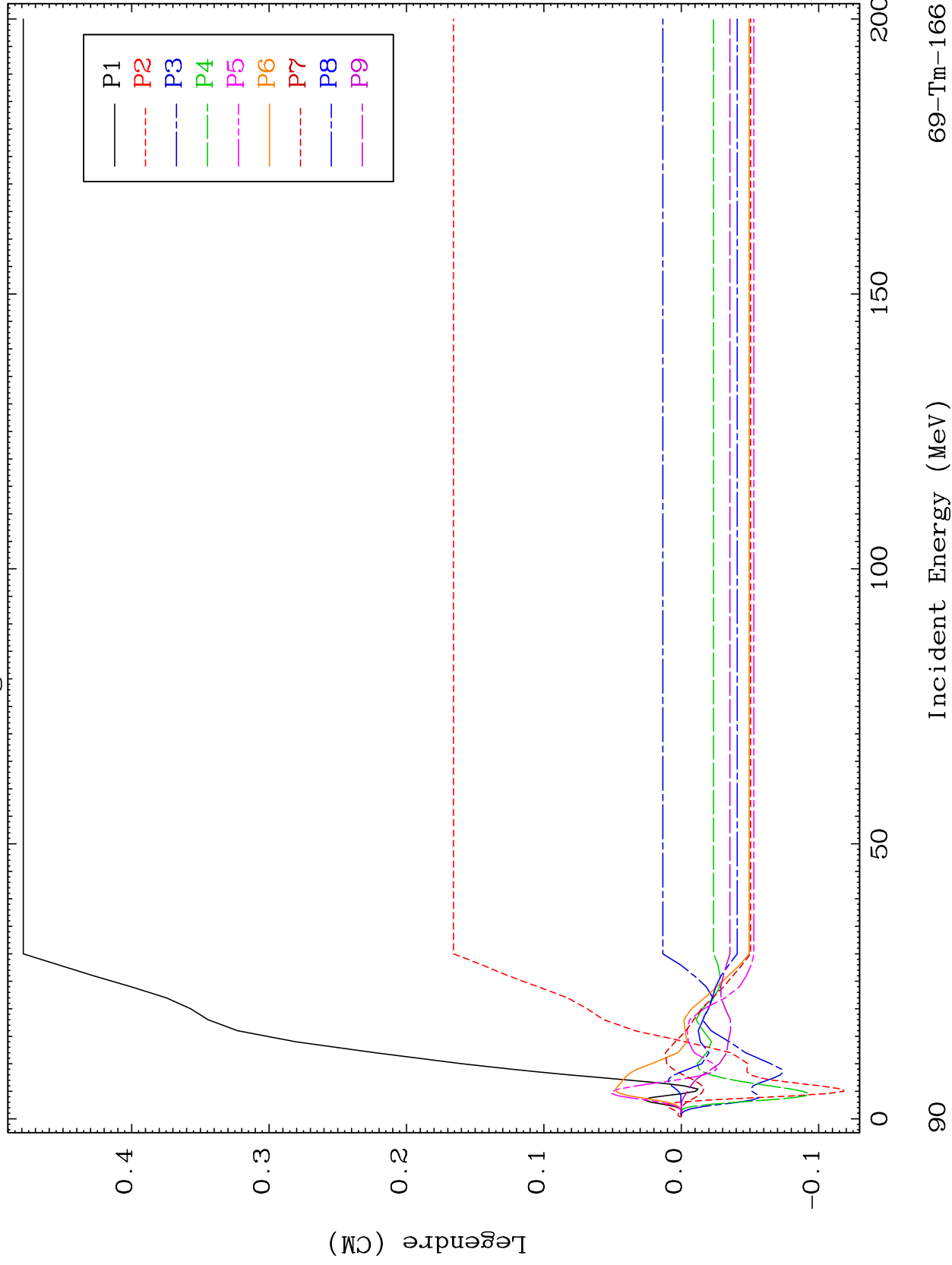
69-Tm-166



MAT 6916

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

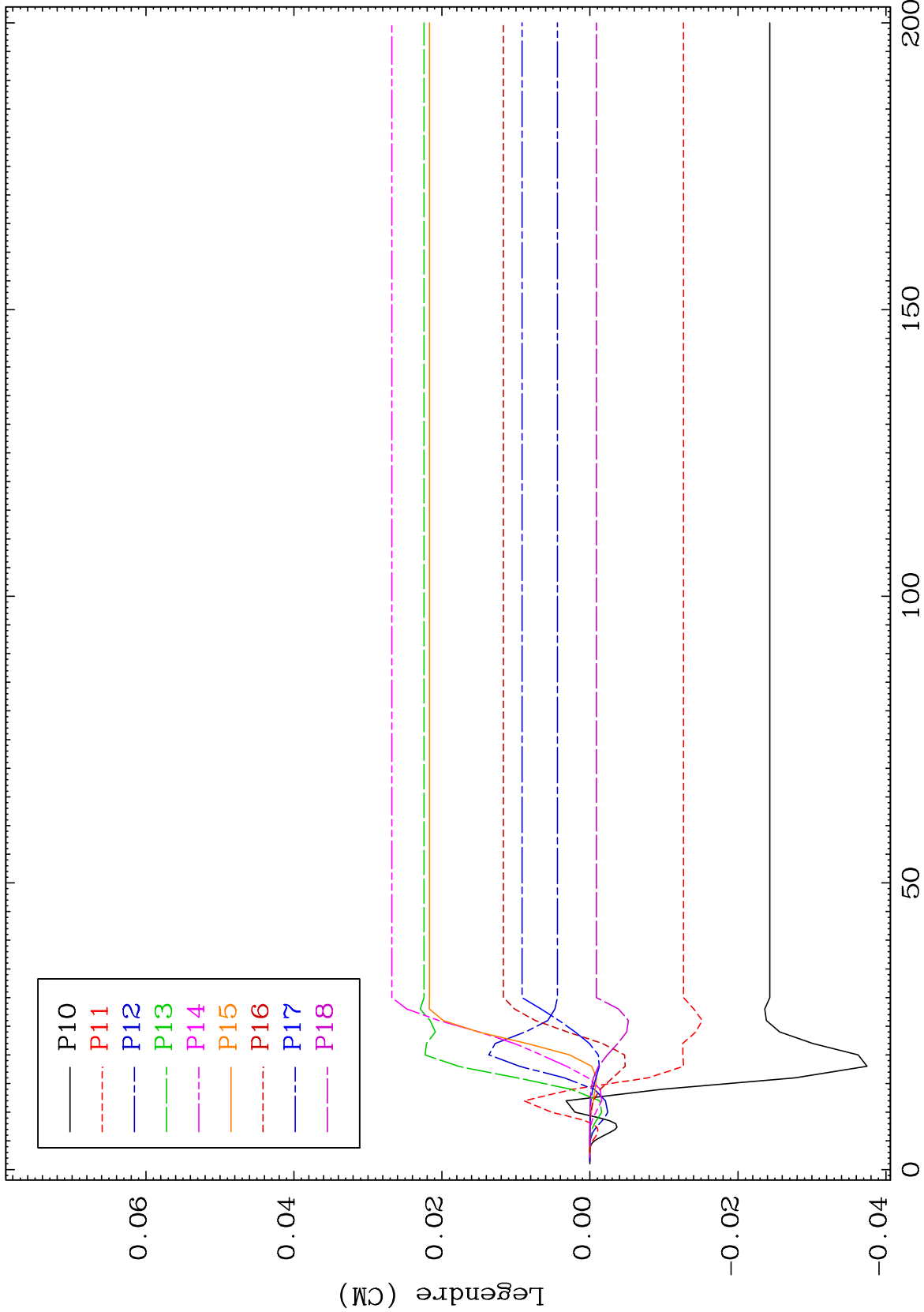
69-Tm-166



MAT 6916

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

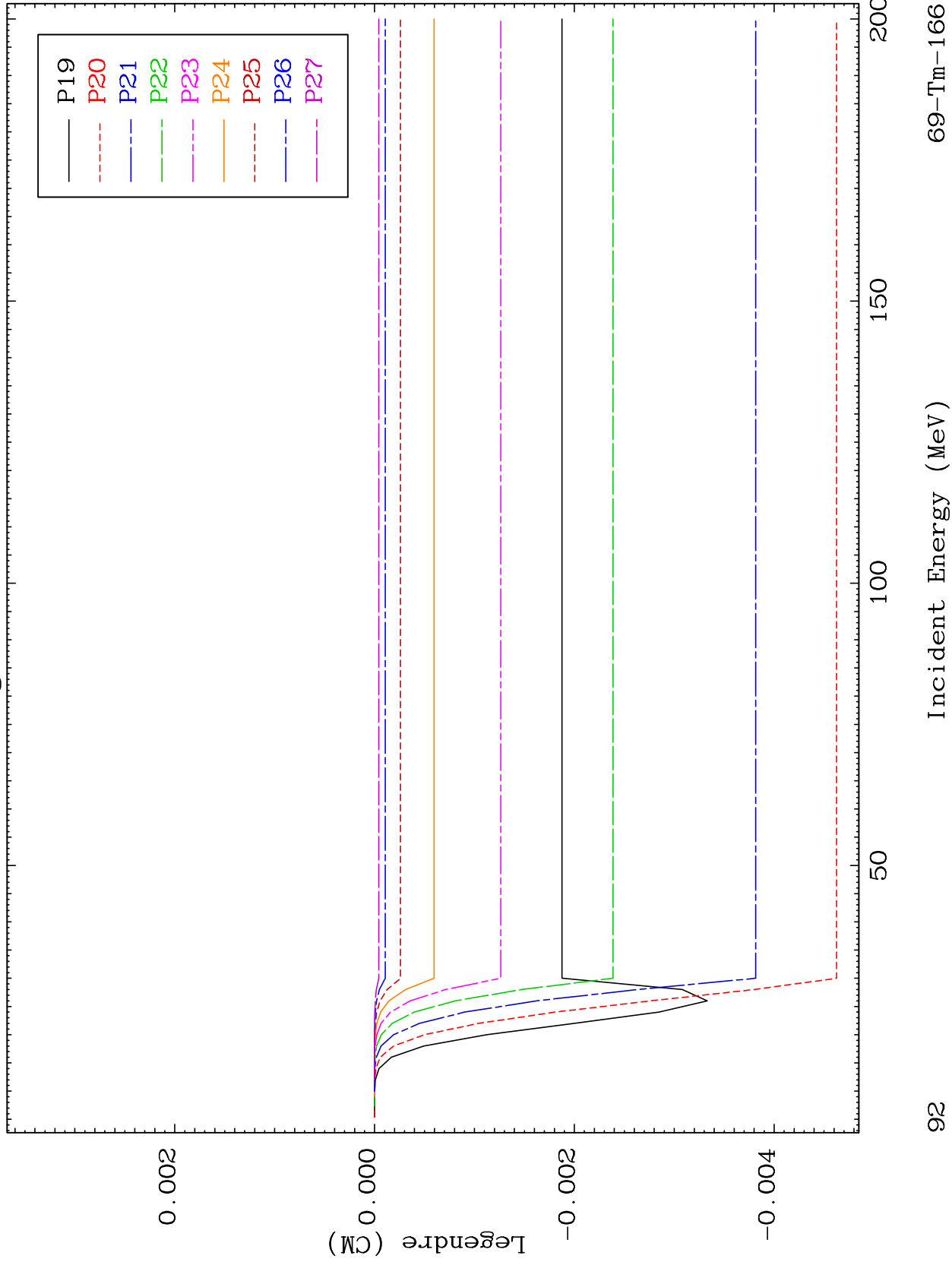
69-Tm-166



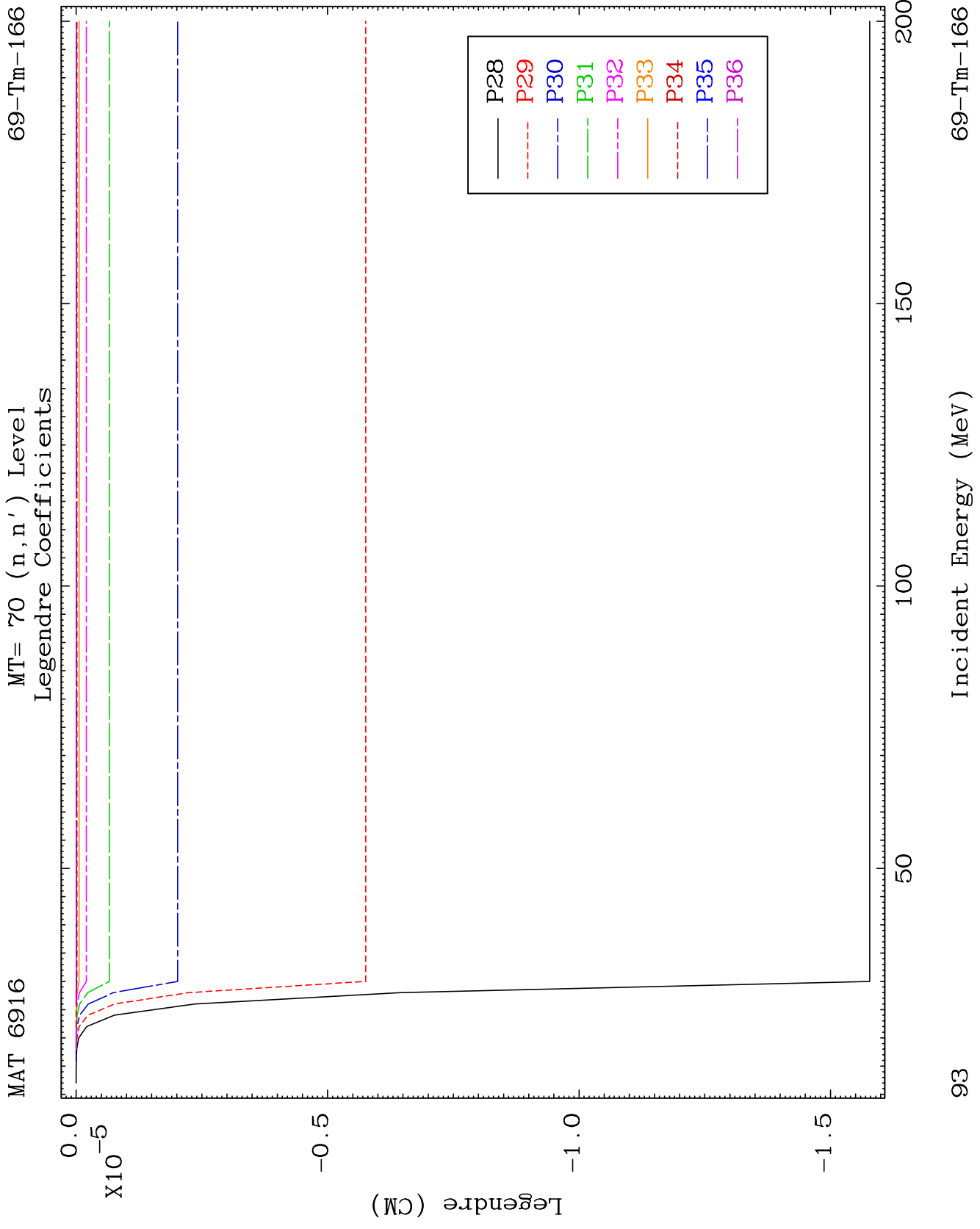
MAT 6916

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

69-Tm-166



92

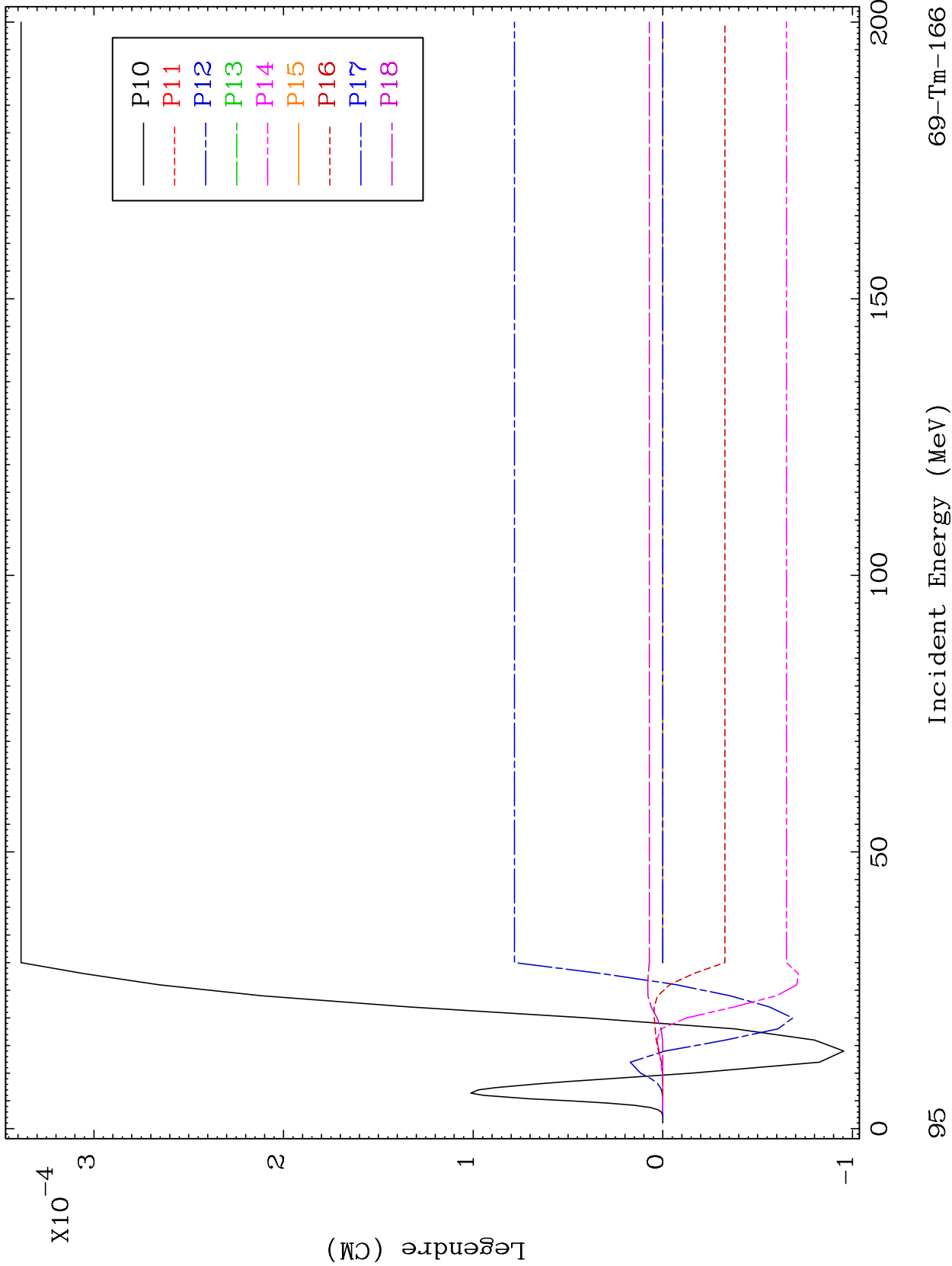




MAT 6916

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

69-Tm-166

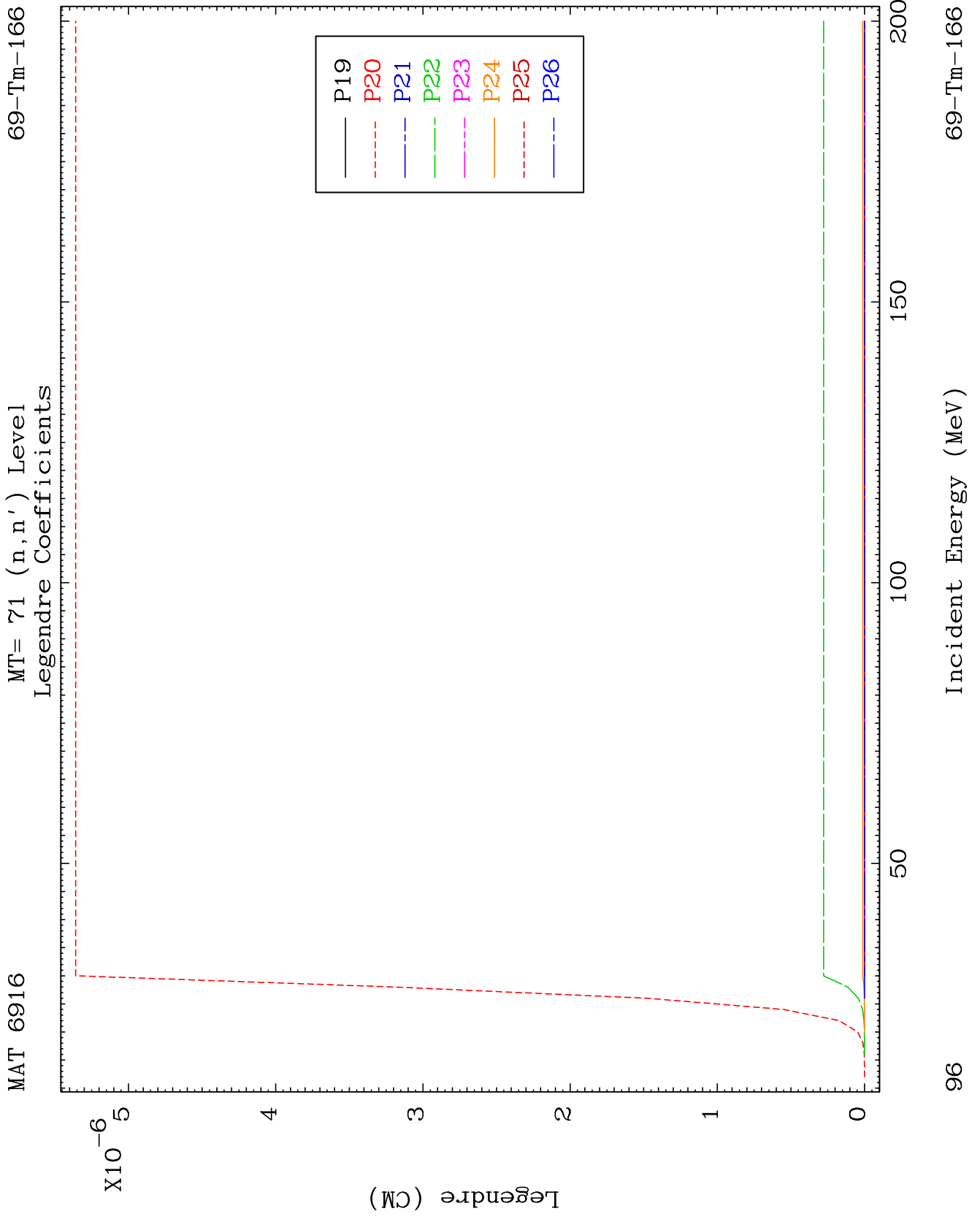


69-Tm-166

Incident Energy (MeV)

95

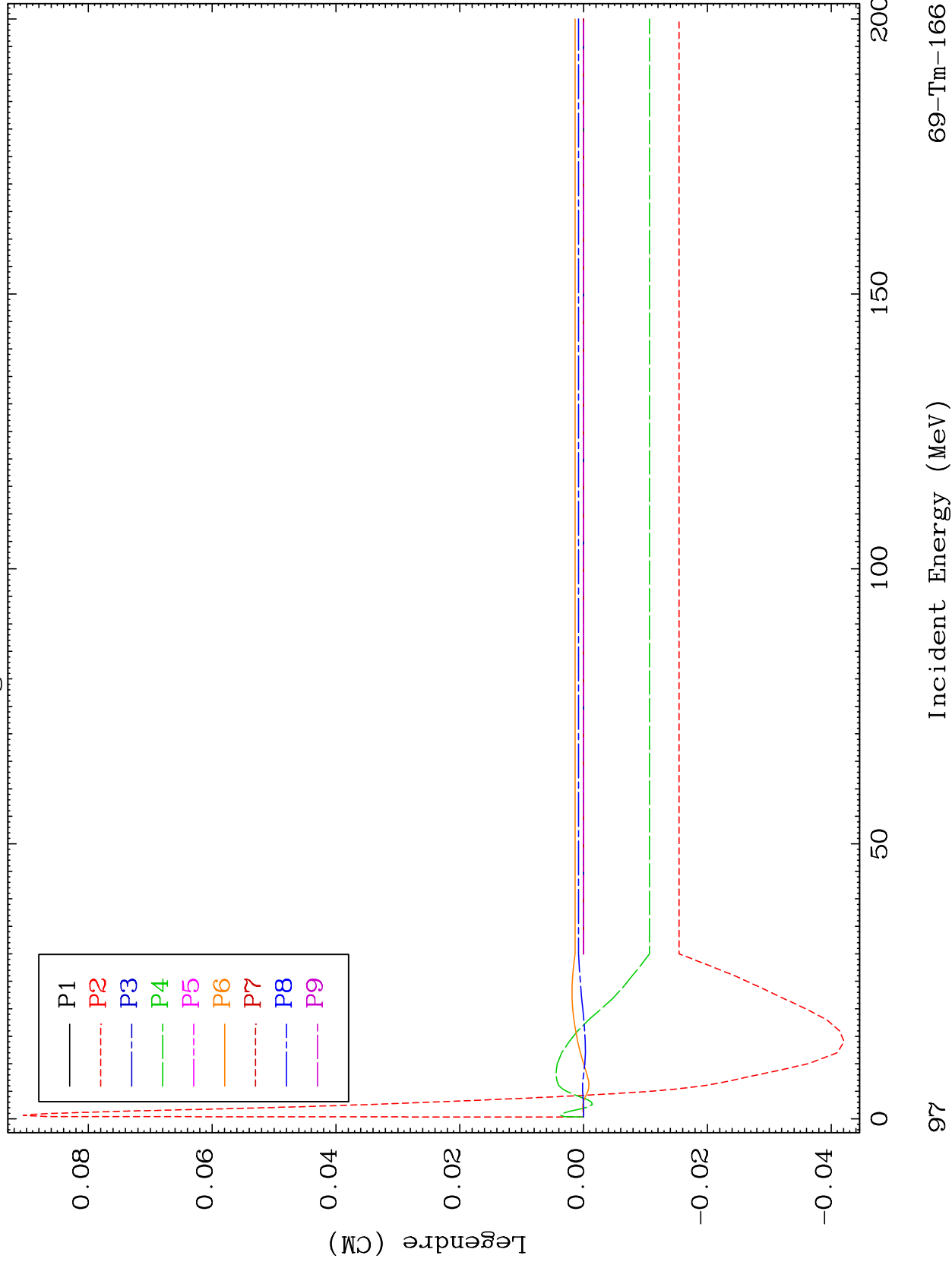




MAT 6916

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

69-Tm-166



97

Incident Energy (MeV)

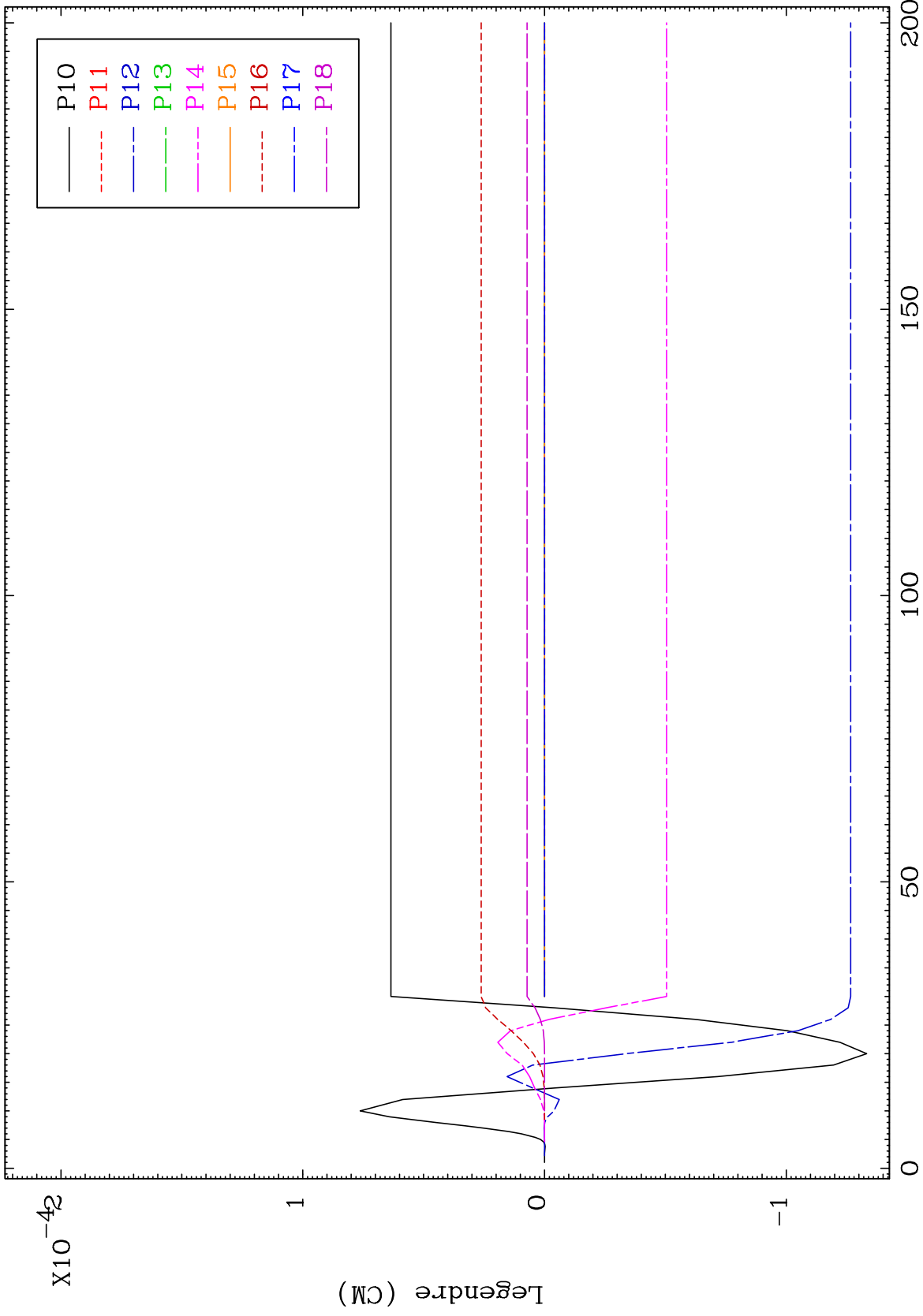
69-Tm-166

MAT 6916

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

69-Tm-166

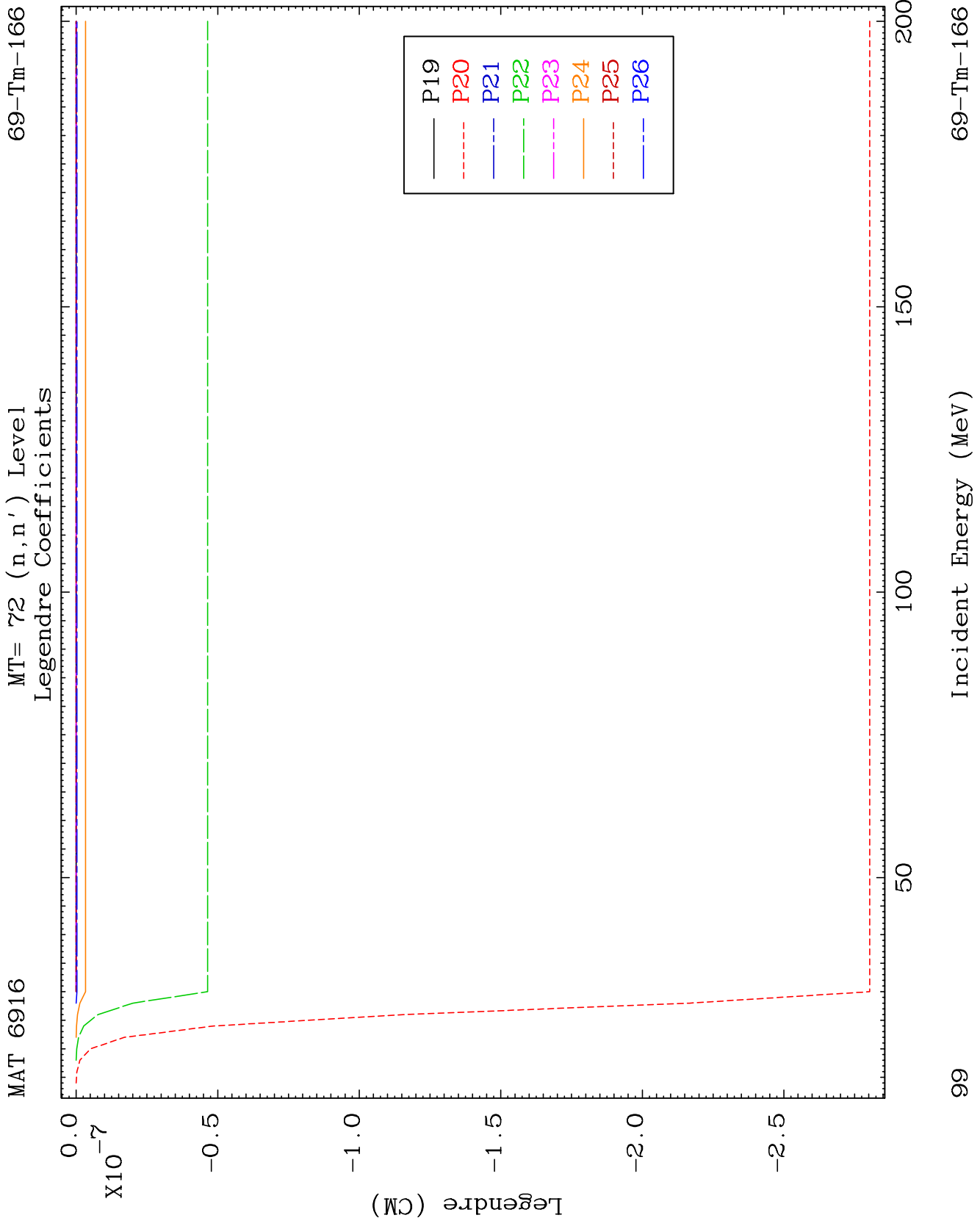
$\times 10^{-42}$



98

Incident Energy (MeV)

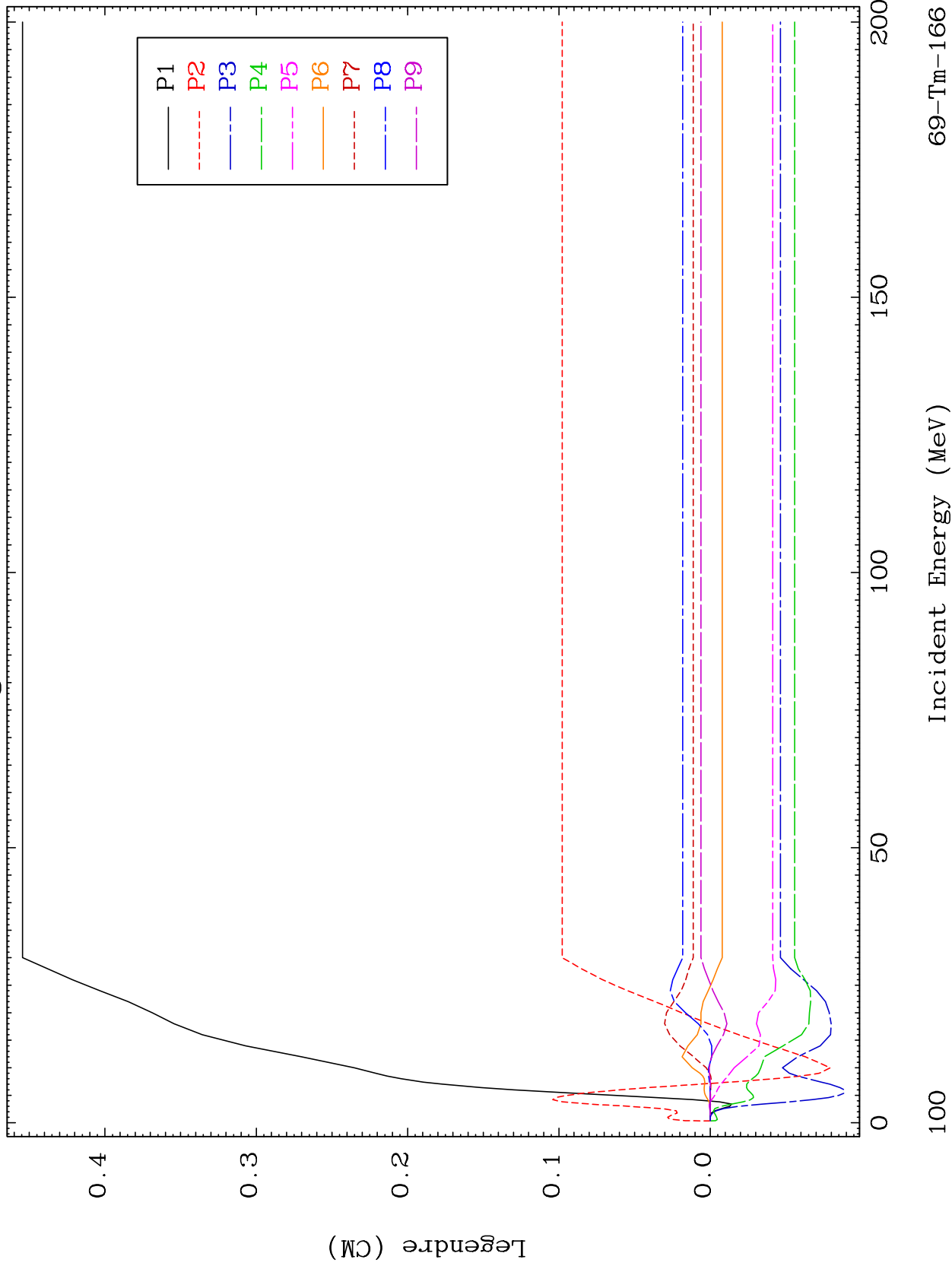
69-Tm-166



MAT 6916

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

69-Tm-166

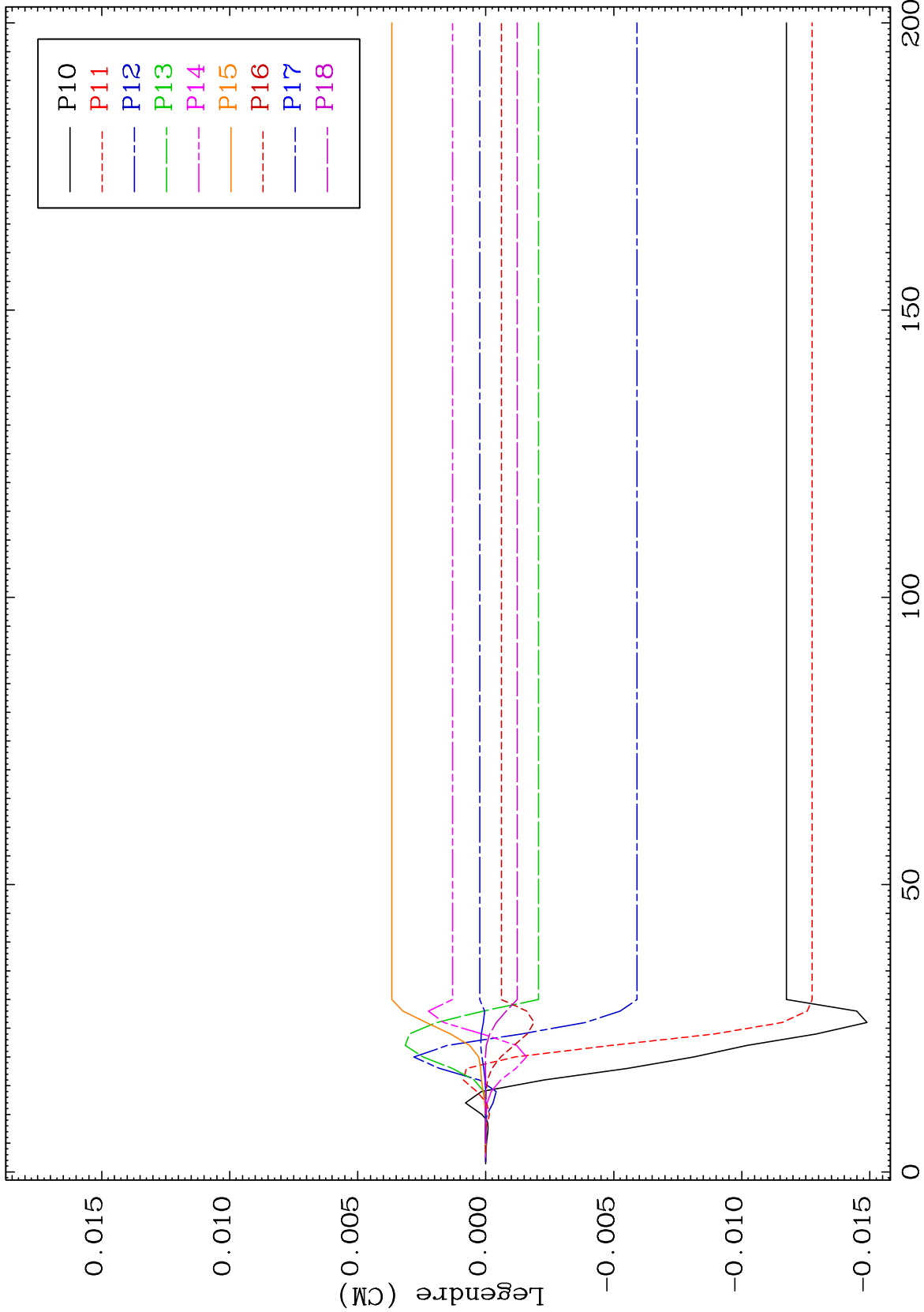


69-Tm-166

MAT 6916

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

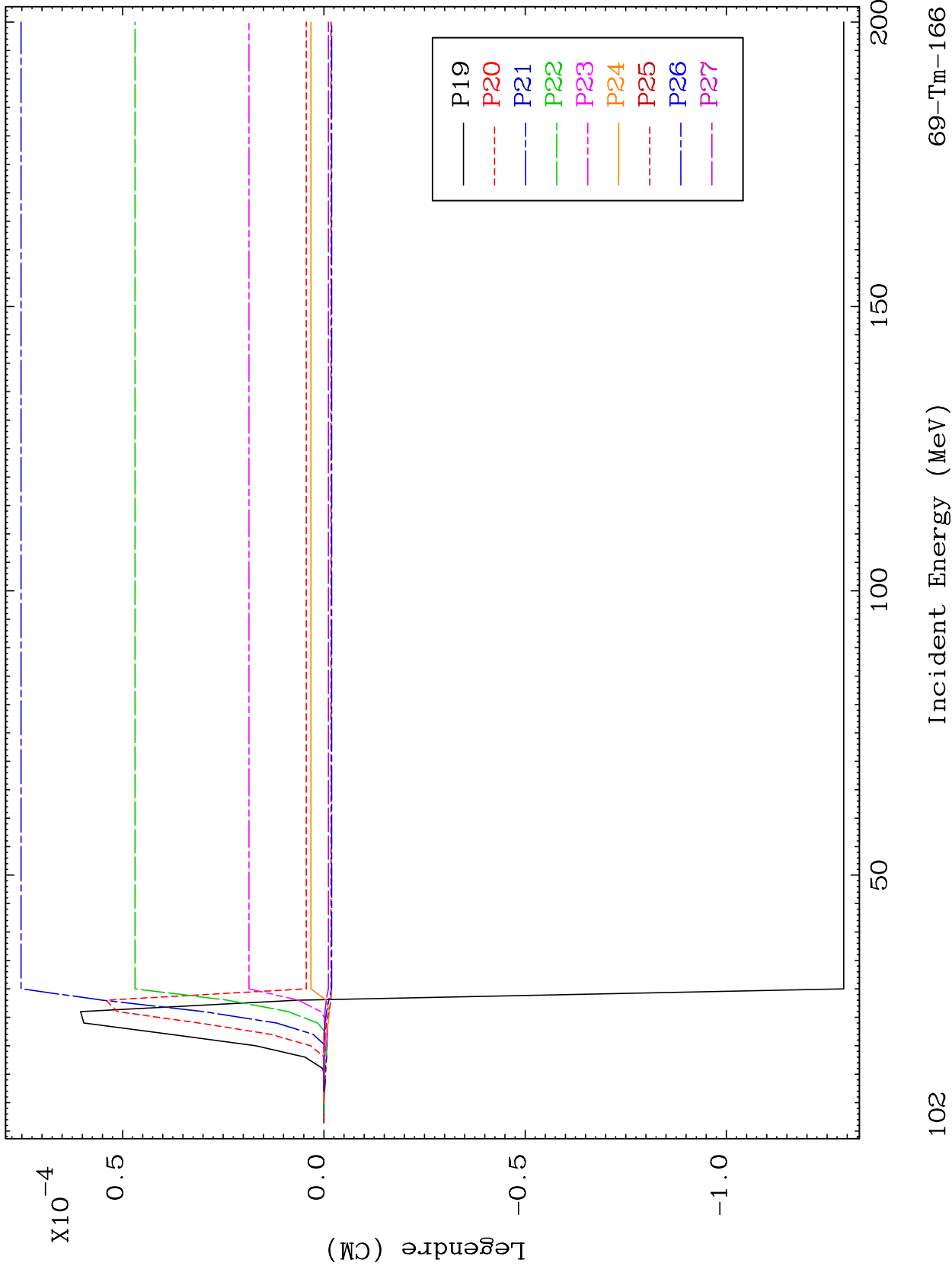
69-Tm-166

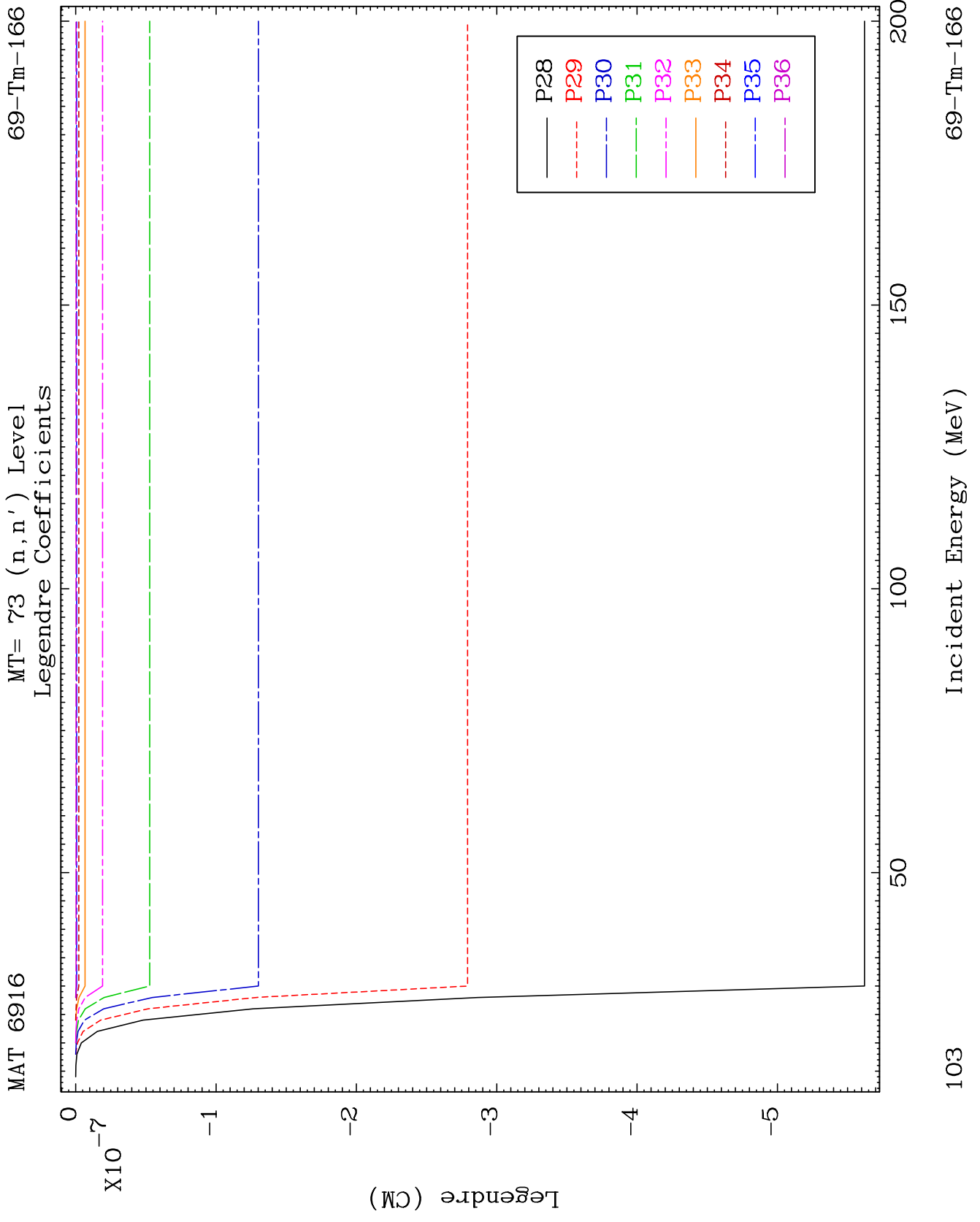


101

Incident Energy (MeV)

69-Tm-166



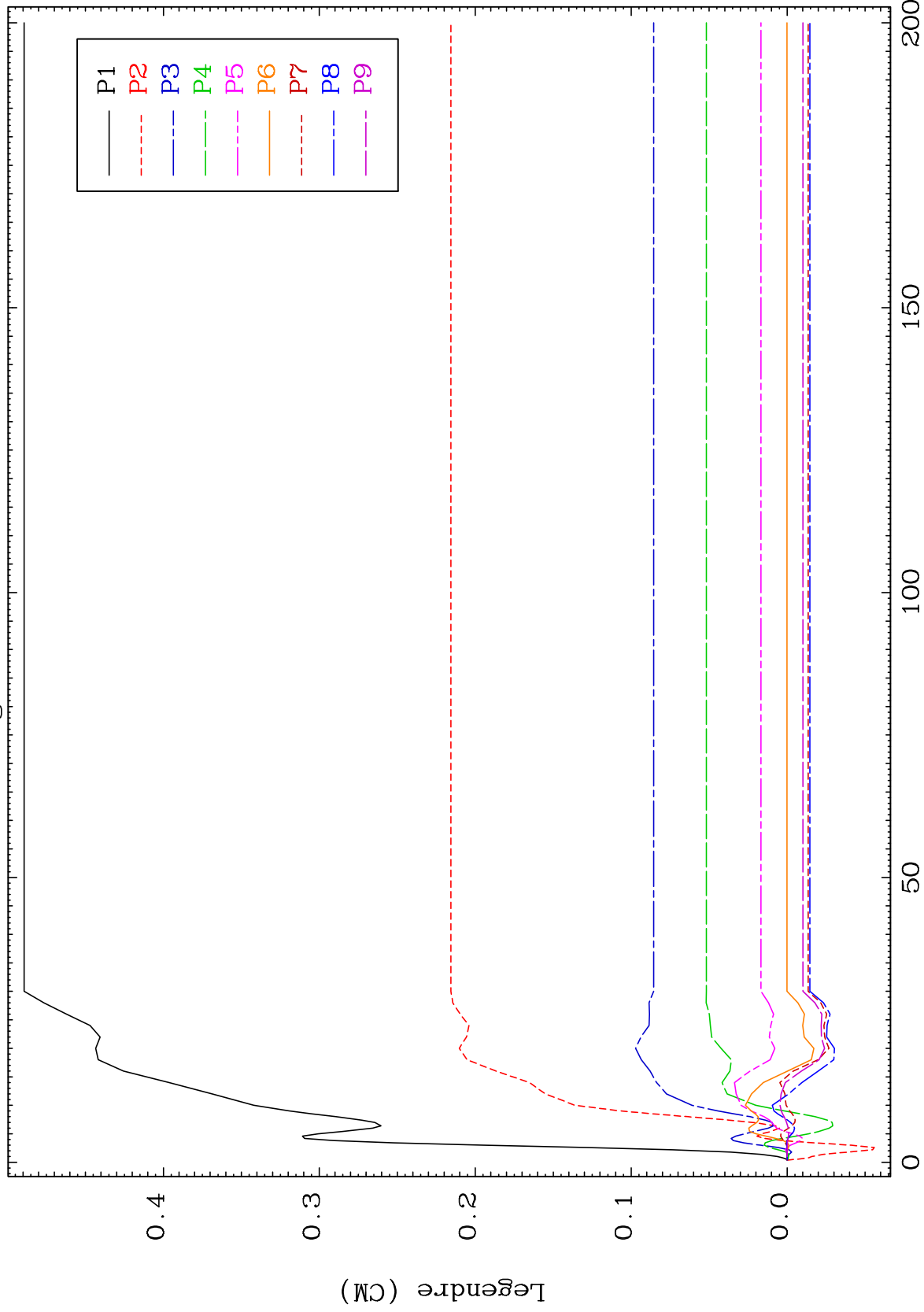




MAT 6916

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

69-Tm-166



69-Tm-166

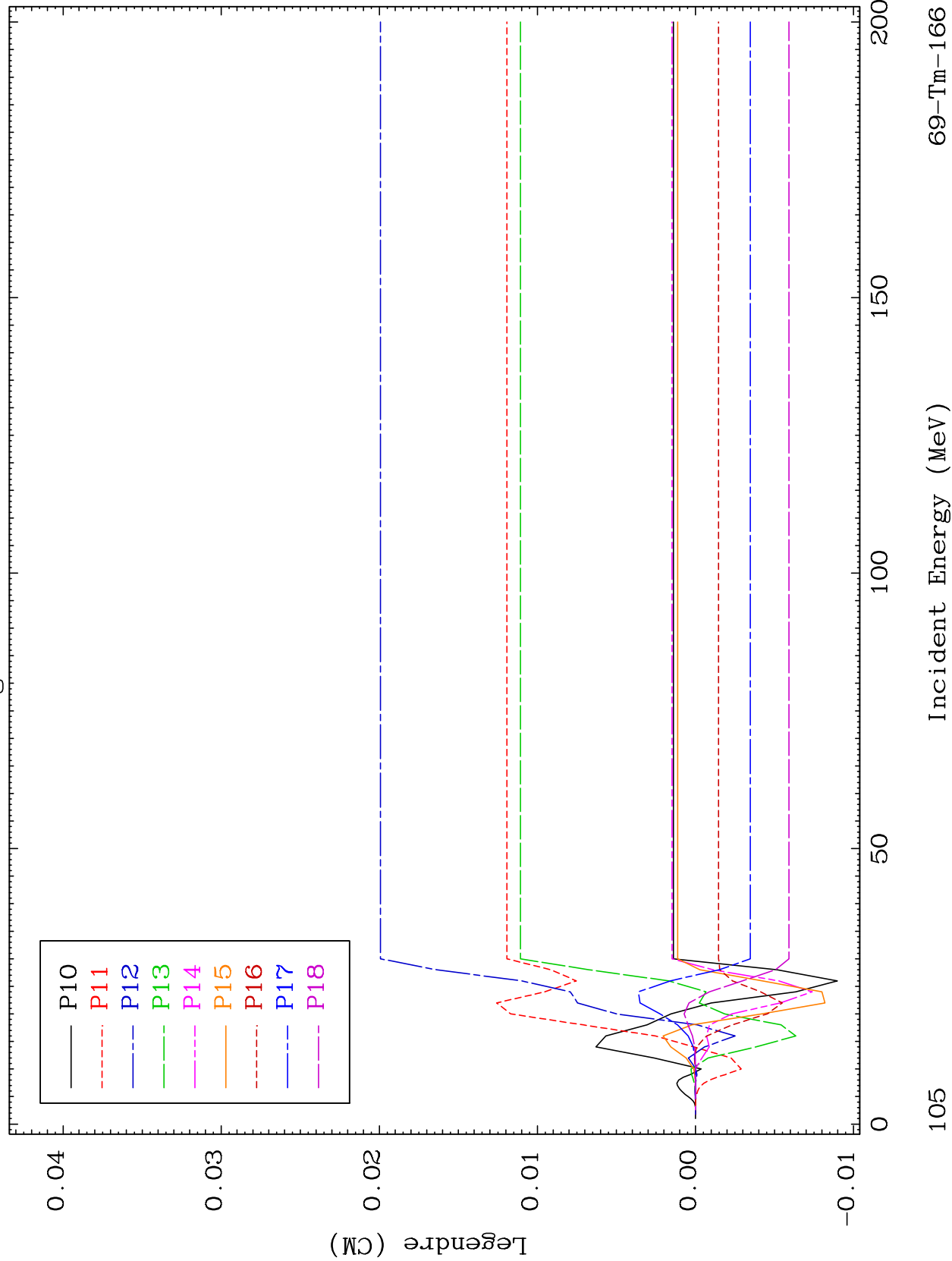
Incident Energy (MeV)

104

MAT 6916

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

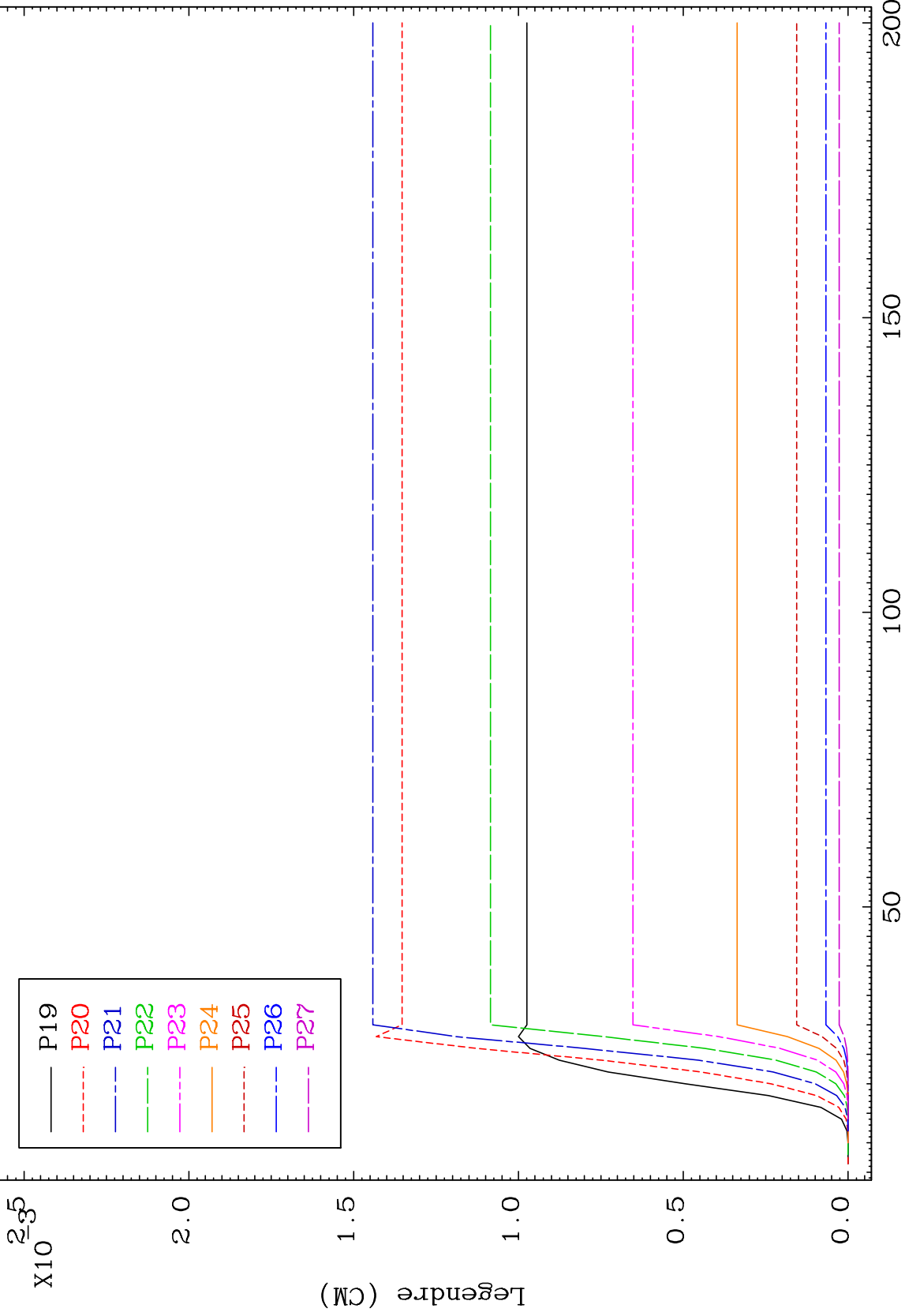
69-Tm-166



69-Tm-166

Incident Energy (MeV)

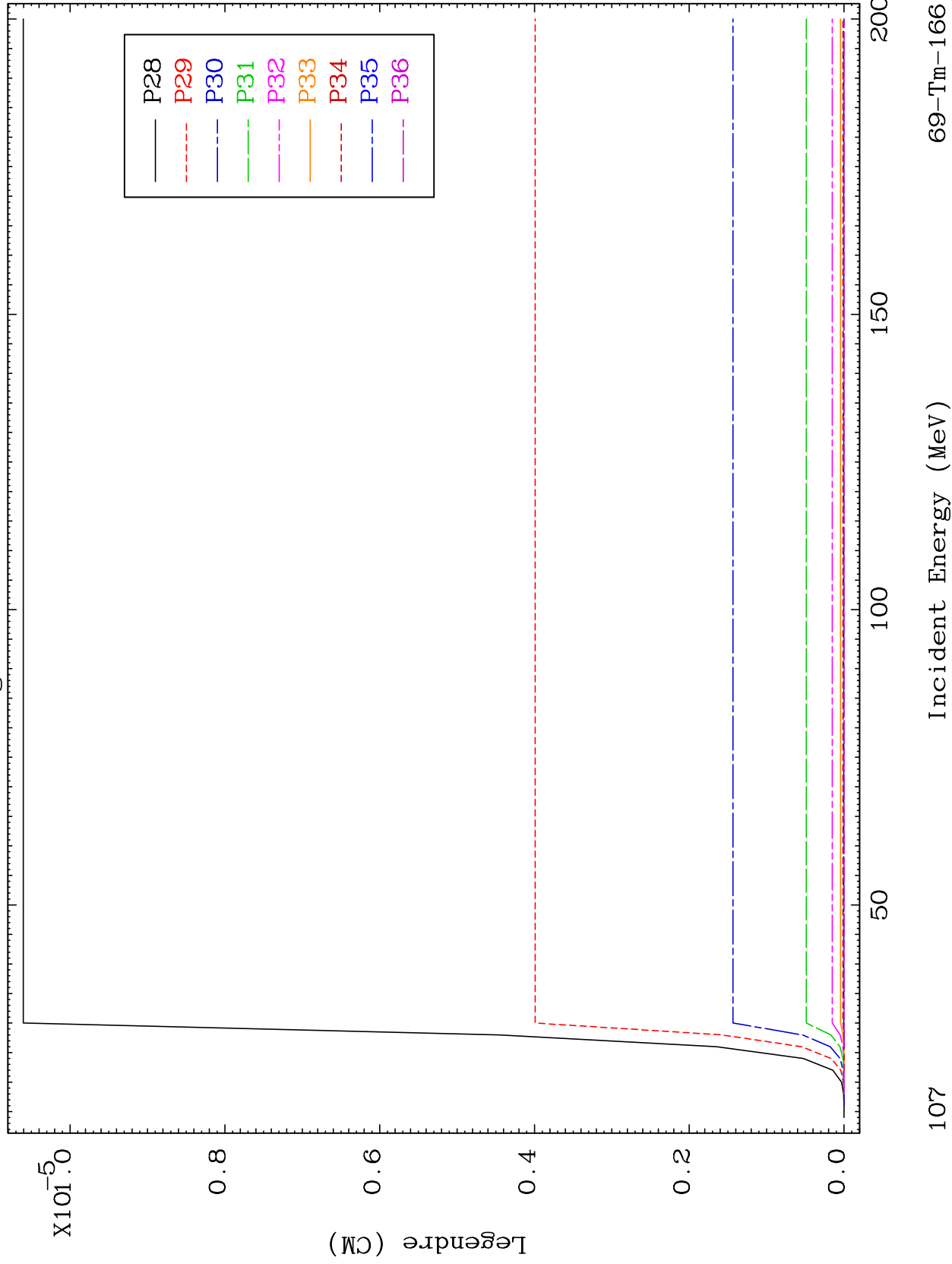
105



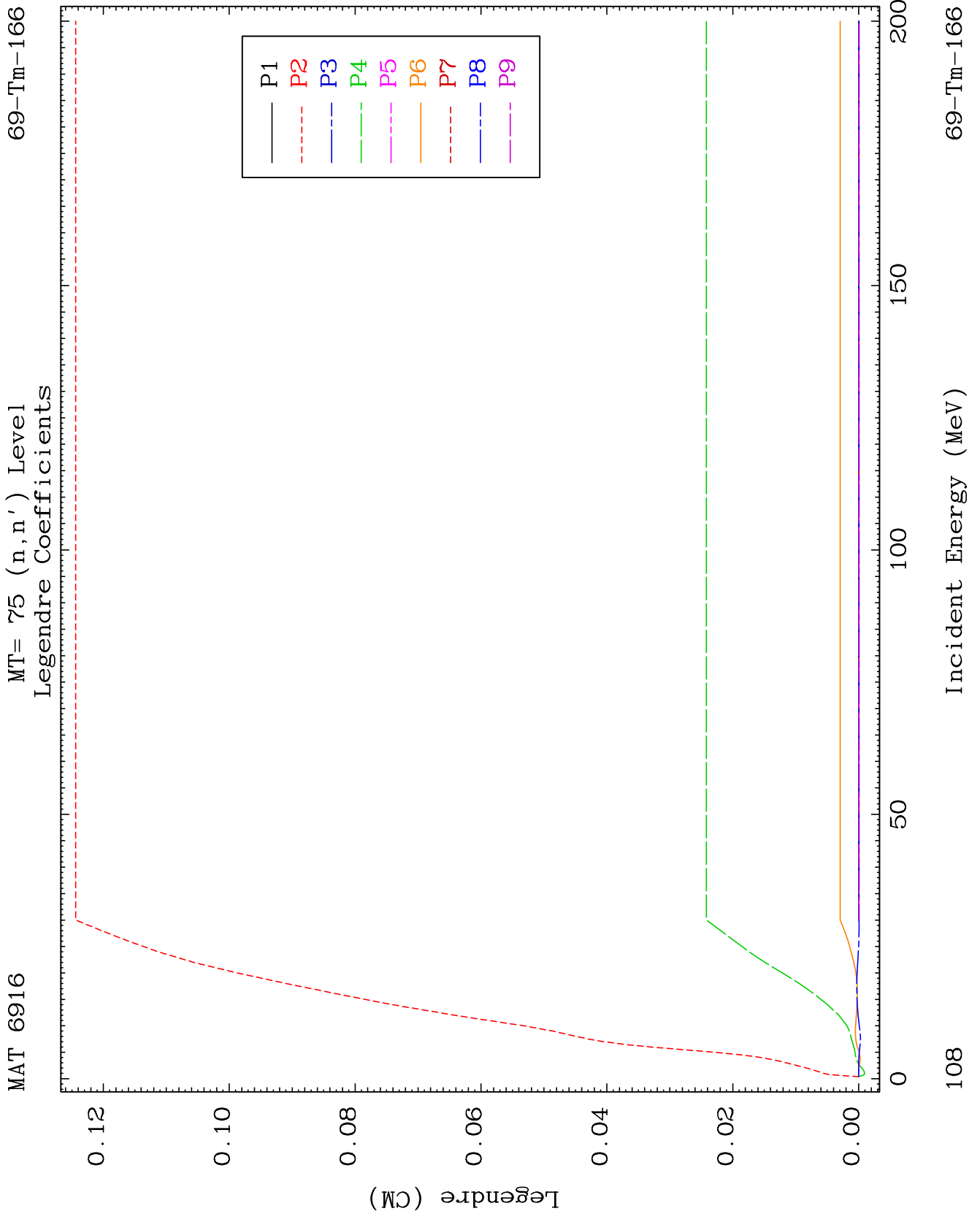
MAT 6916

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

69-Tm-166



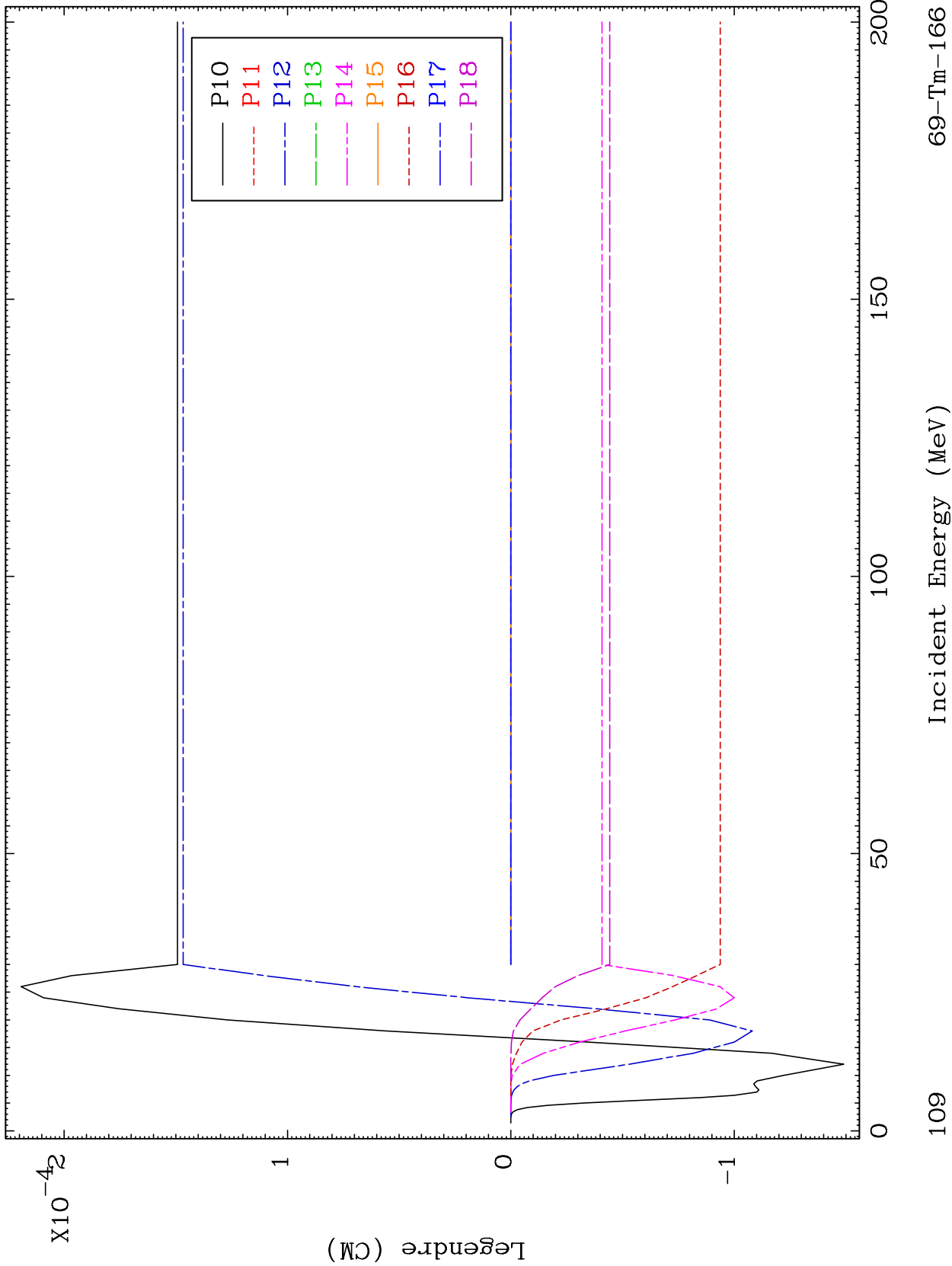
107



MAT 6916

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

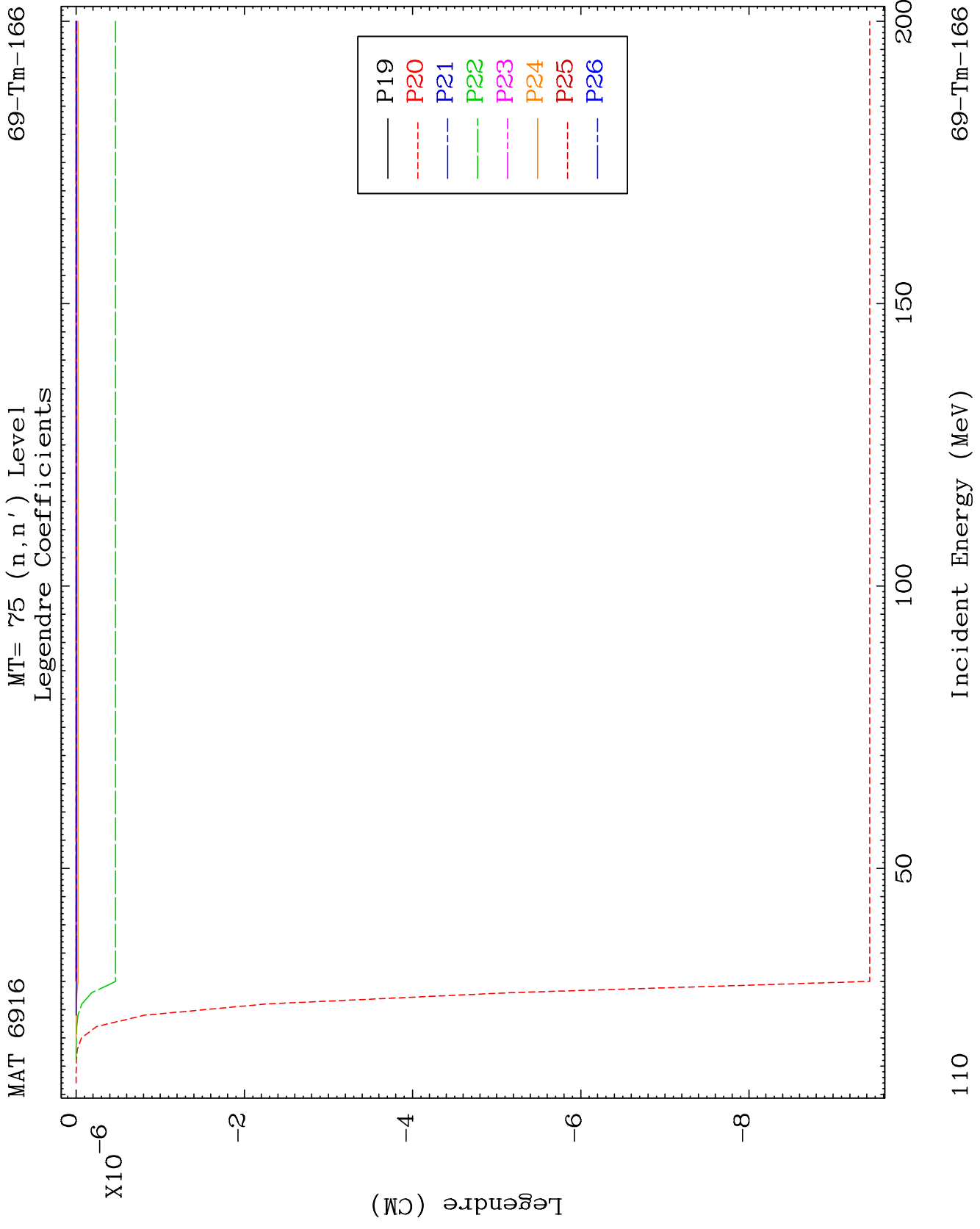
69-Tm-166



69-Tm-166

Incident Energy (MeV)

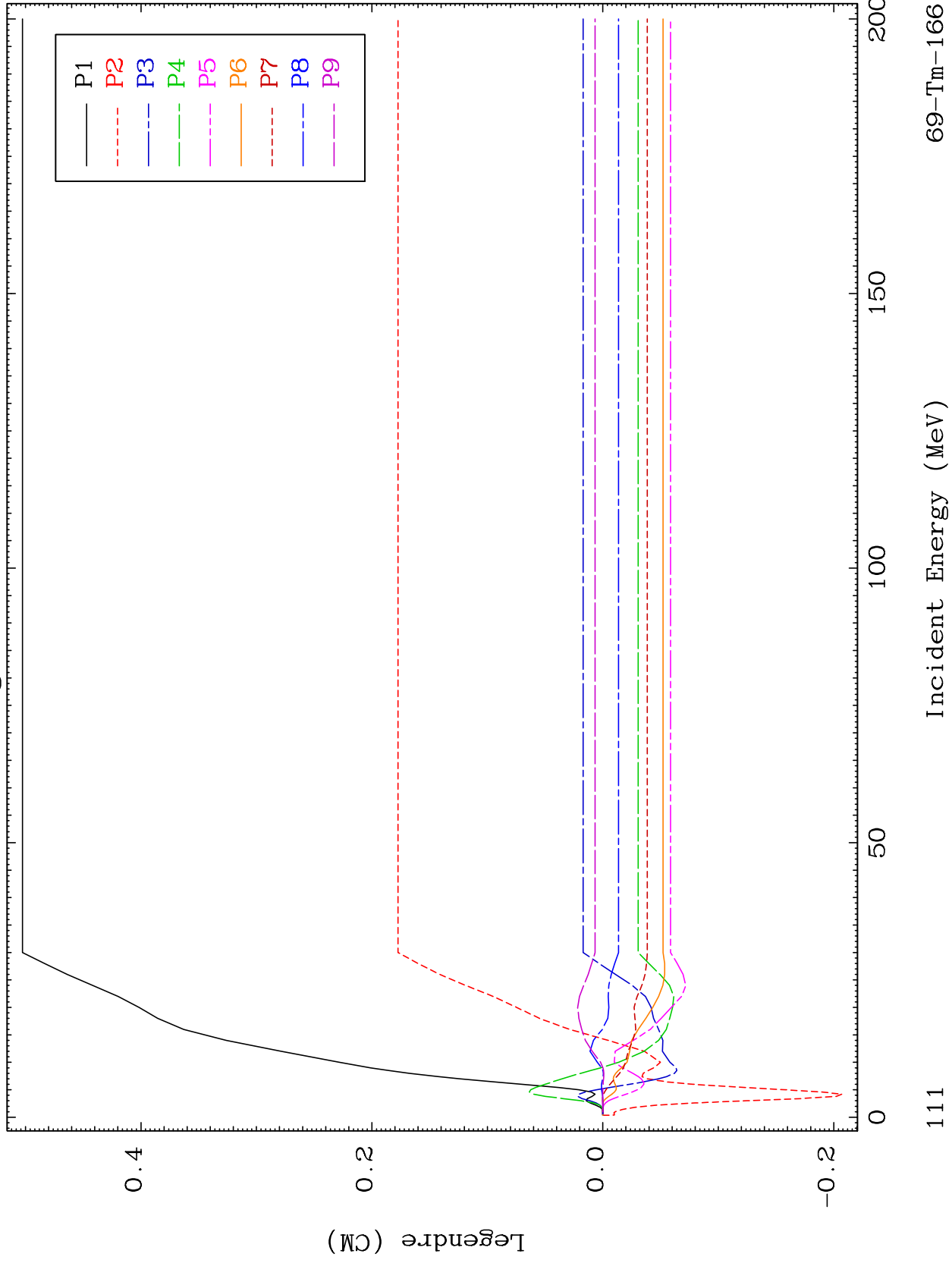
109



MAT 6916

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

69-Tm-166



69-Tm-166

Incident Energy (MeV)

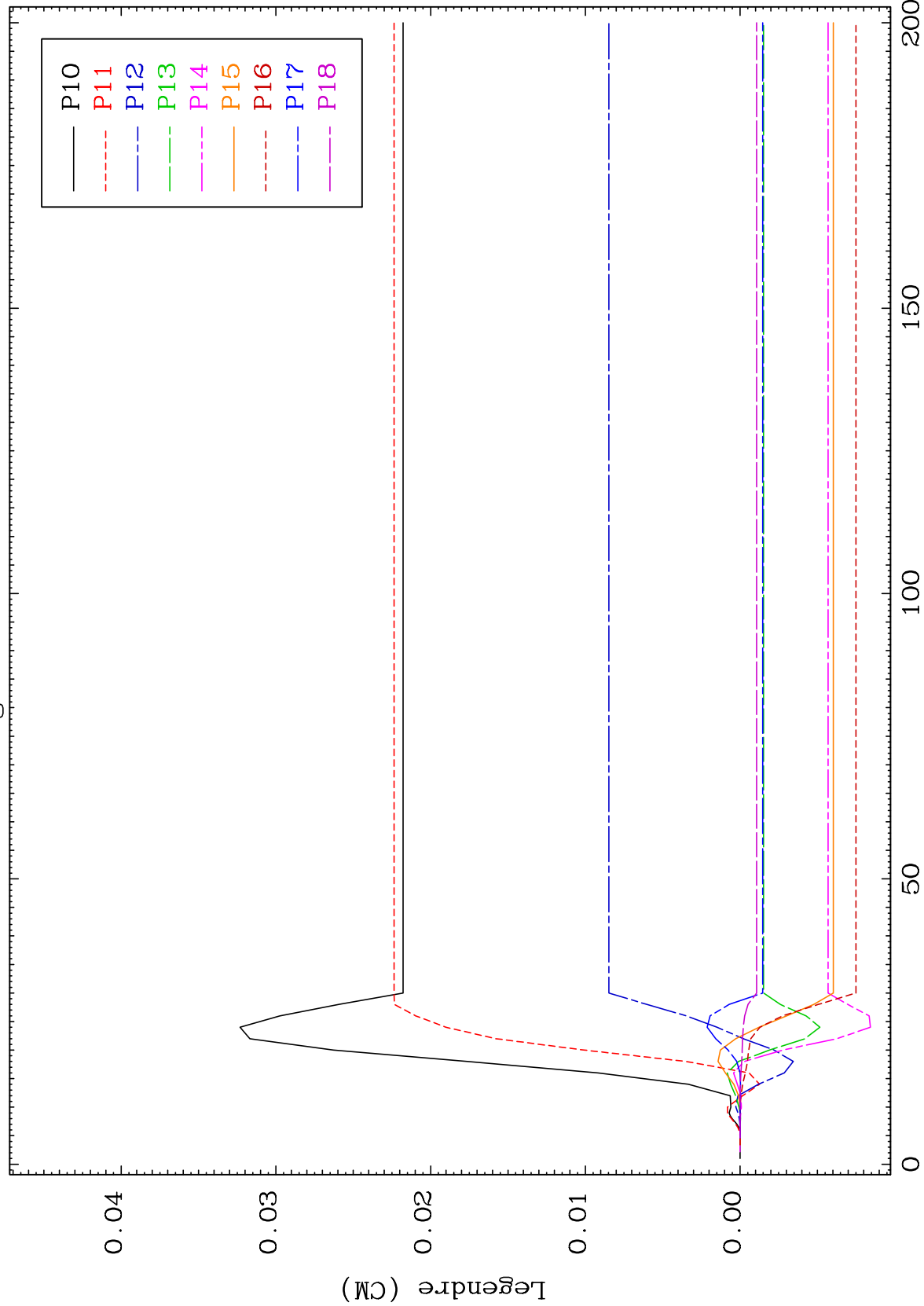
111



MAT 6916

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

69-Tm-166



112

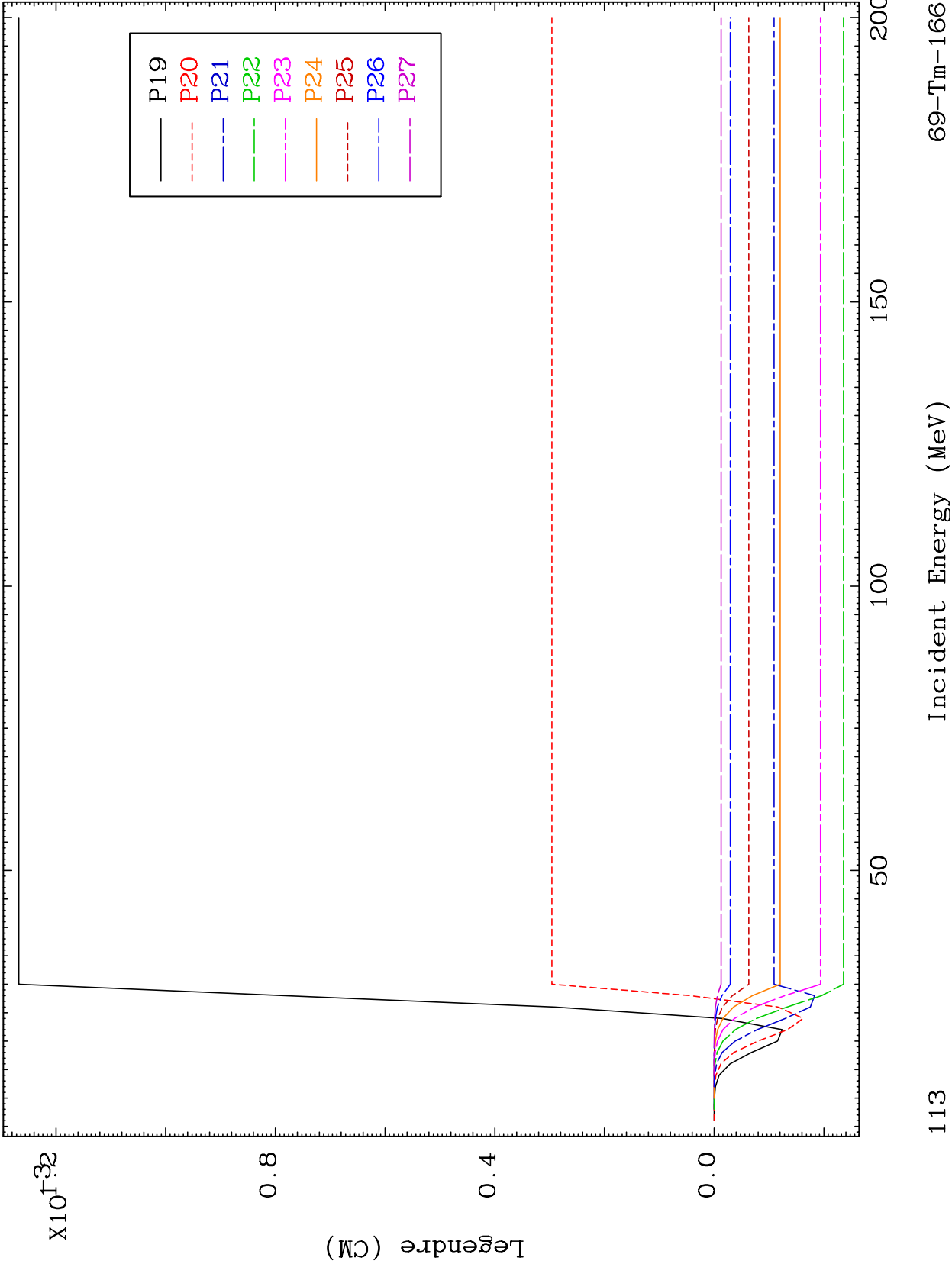
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



113

Incident Energy (MeV)

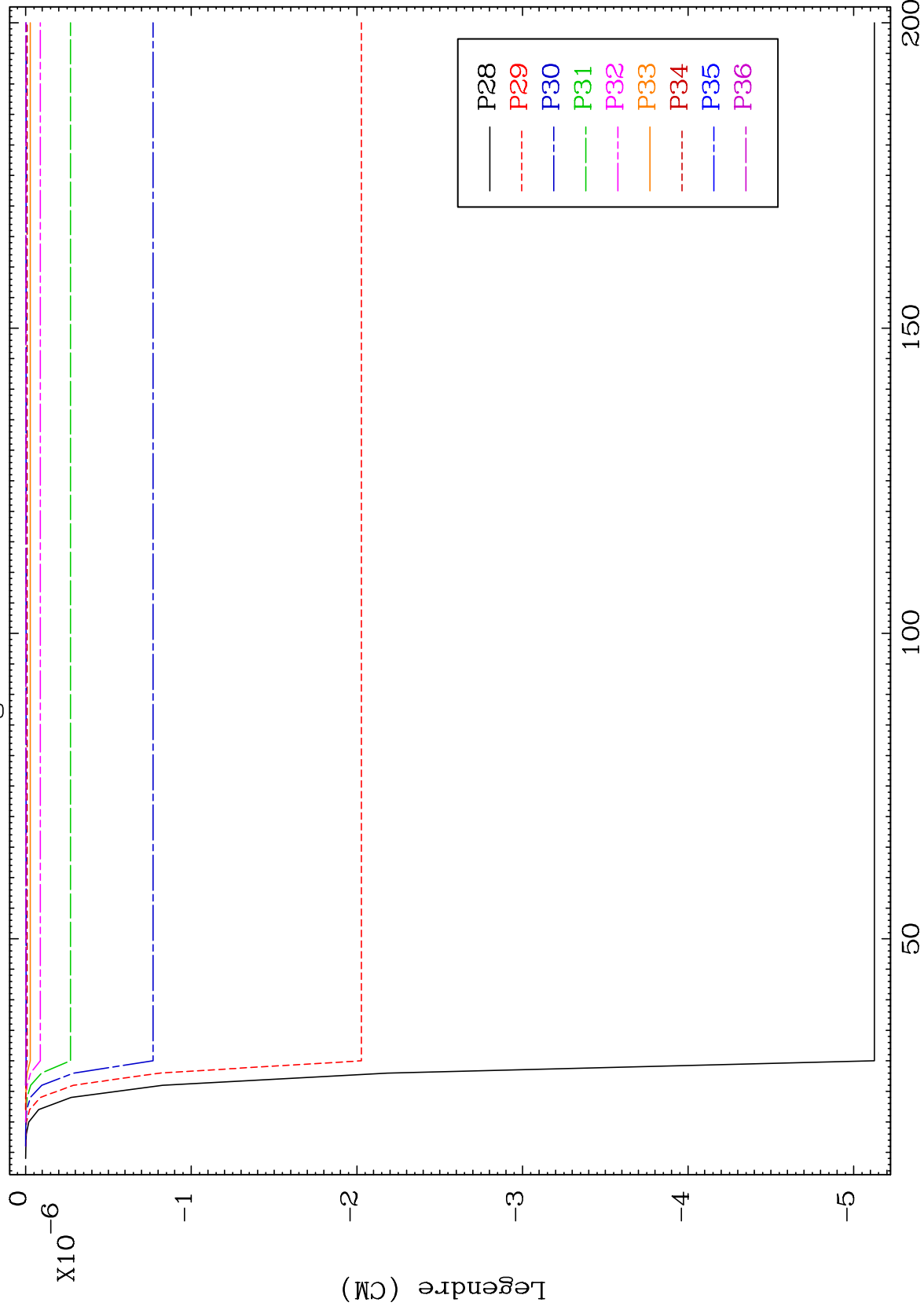
69-Tm-166

MAT 6916

MT= 76 (n,n') Level

69-Tm-166

Legendre Coefficients



69-Tm-166

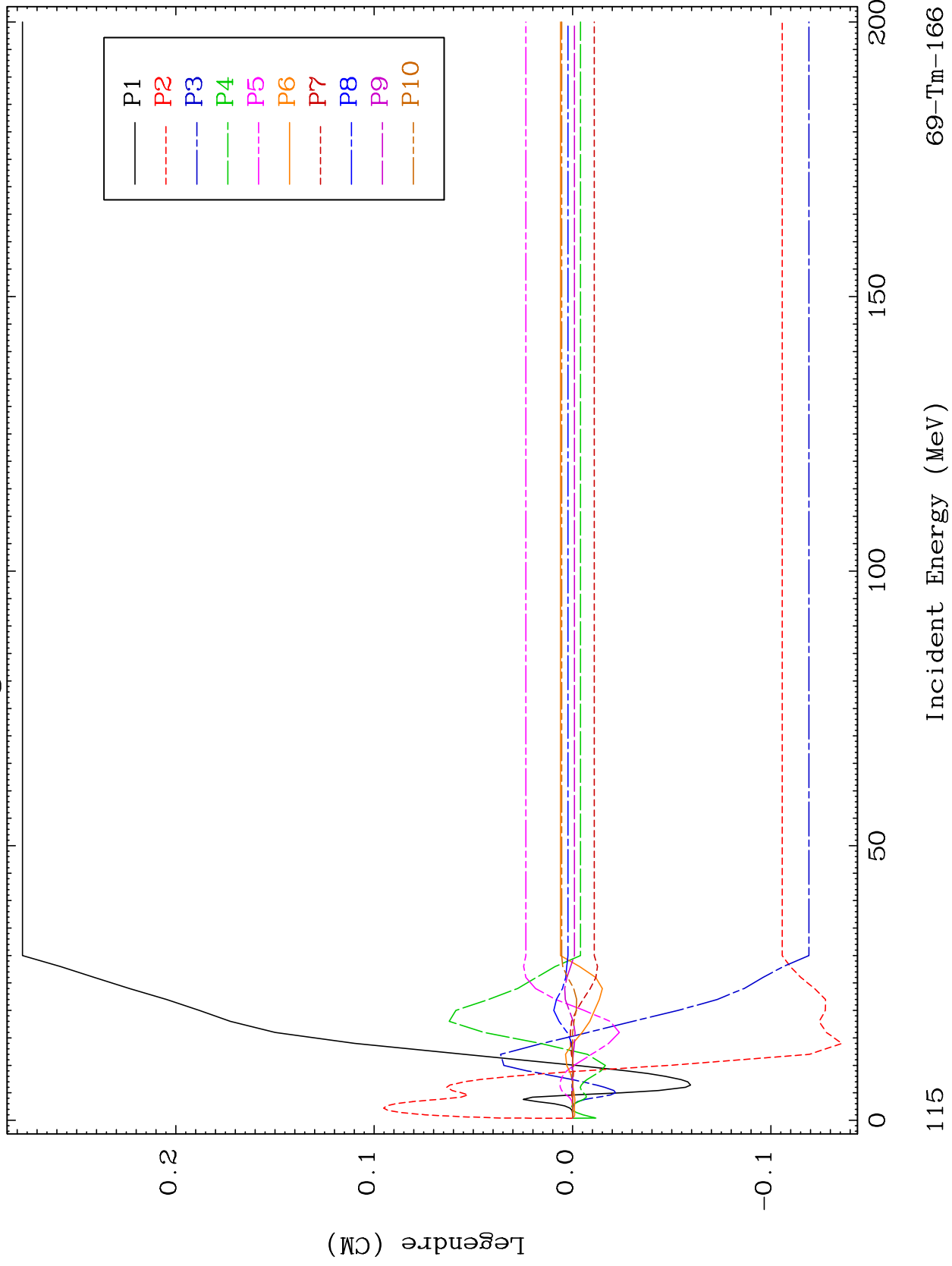
Incident Energy (MeV)

114

MAT 6916

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

69-Tm-166



69-Tm-166

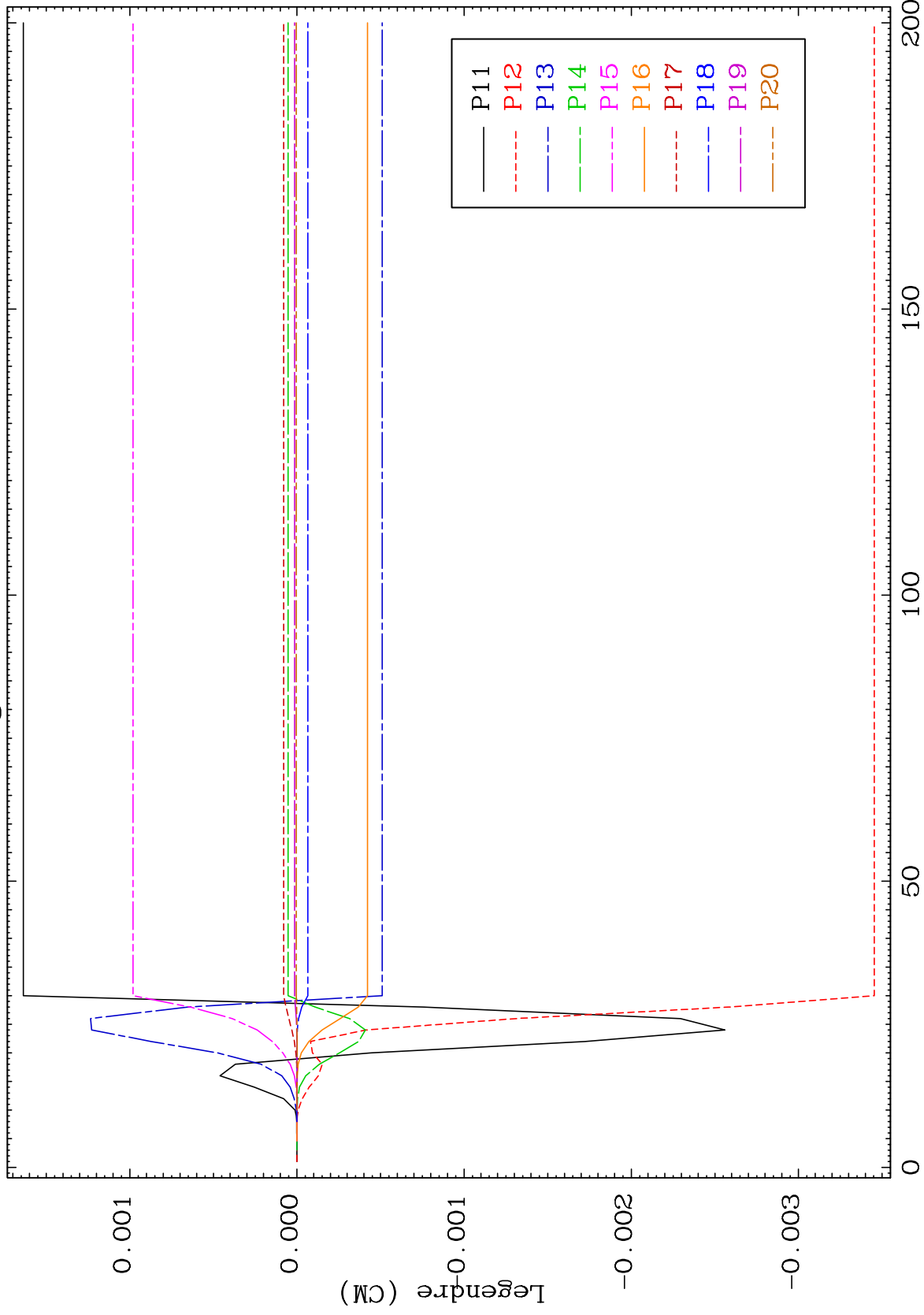
Incident Energy (MeV)

115

MAT 6916

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

69-Tm-166



116

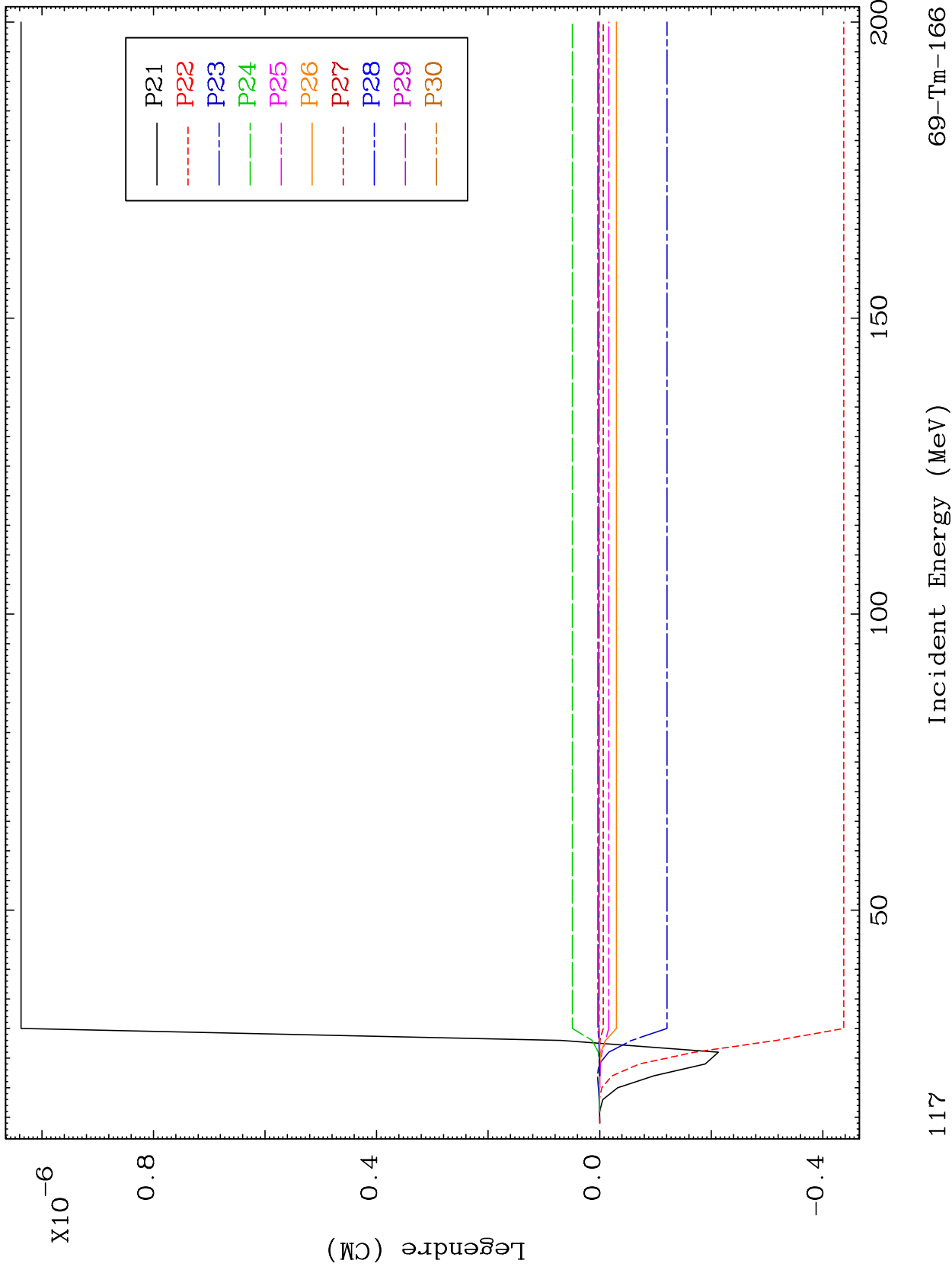
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

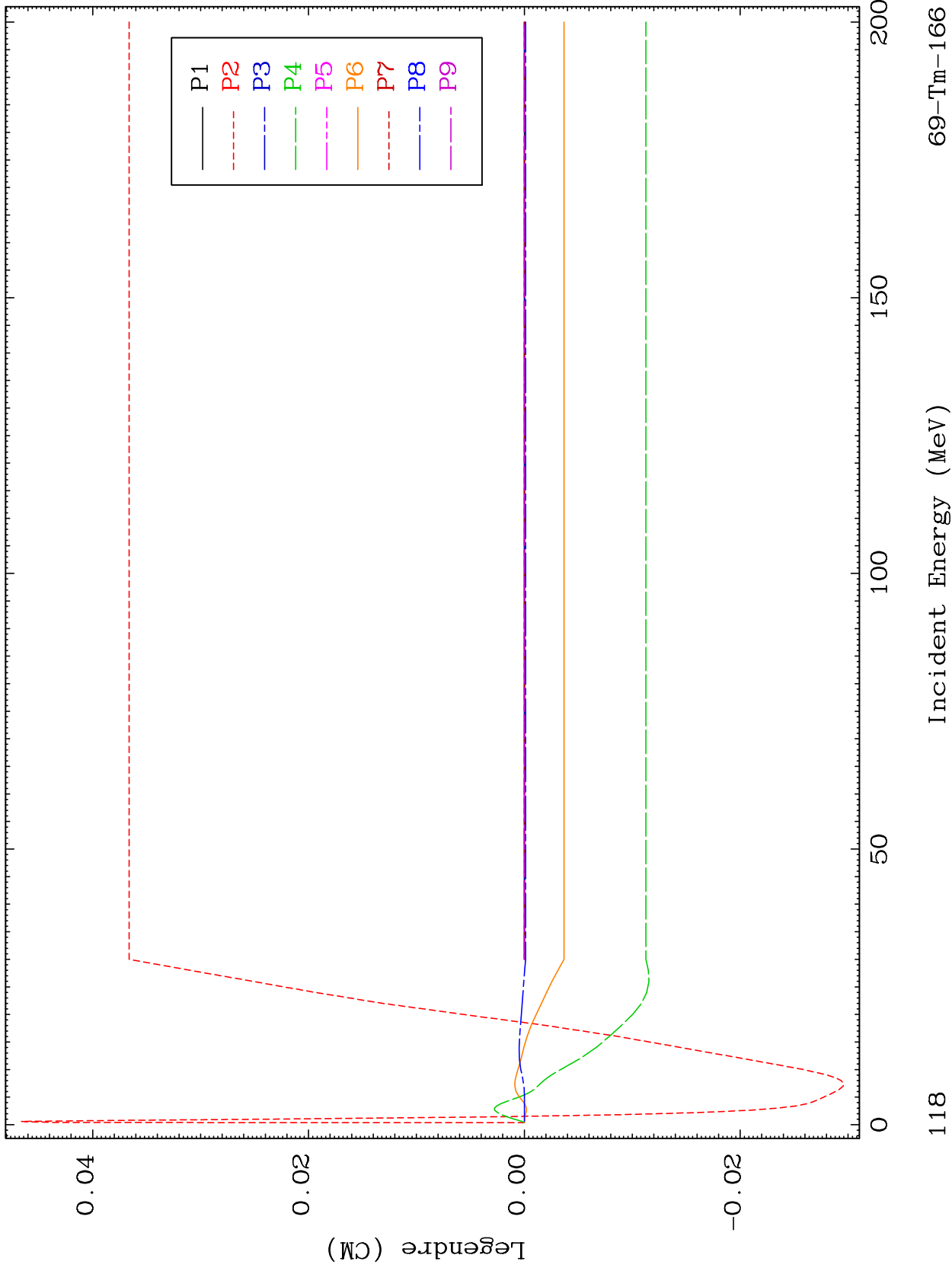
69-Tm-166



MAT 6916

MT= 78 (n,n') Level  
Legendre Coefficients

69-Tm-166

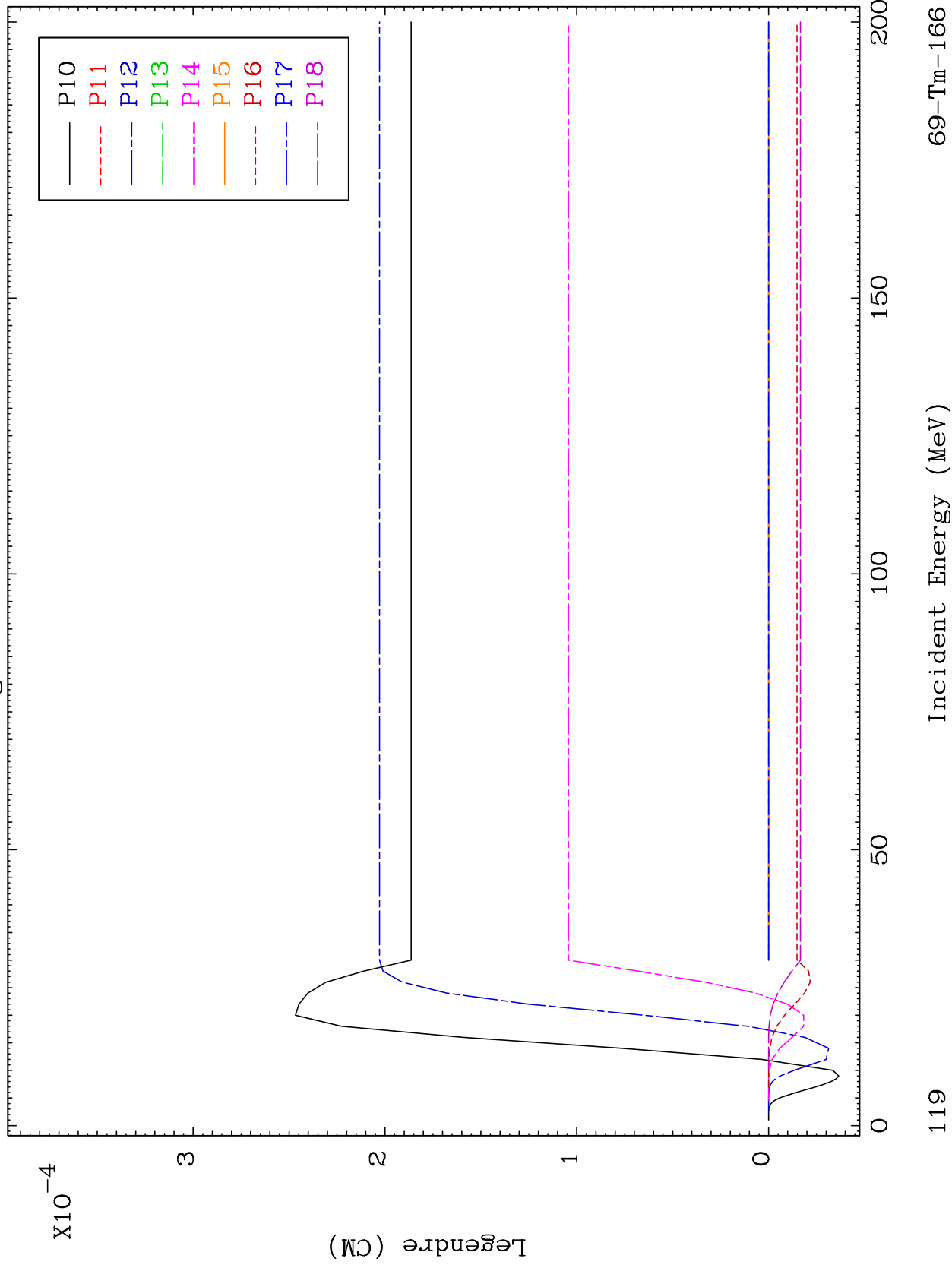


118

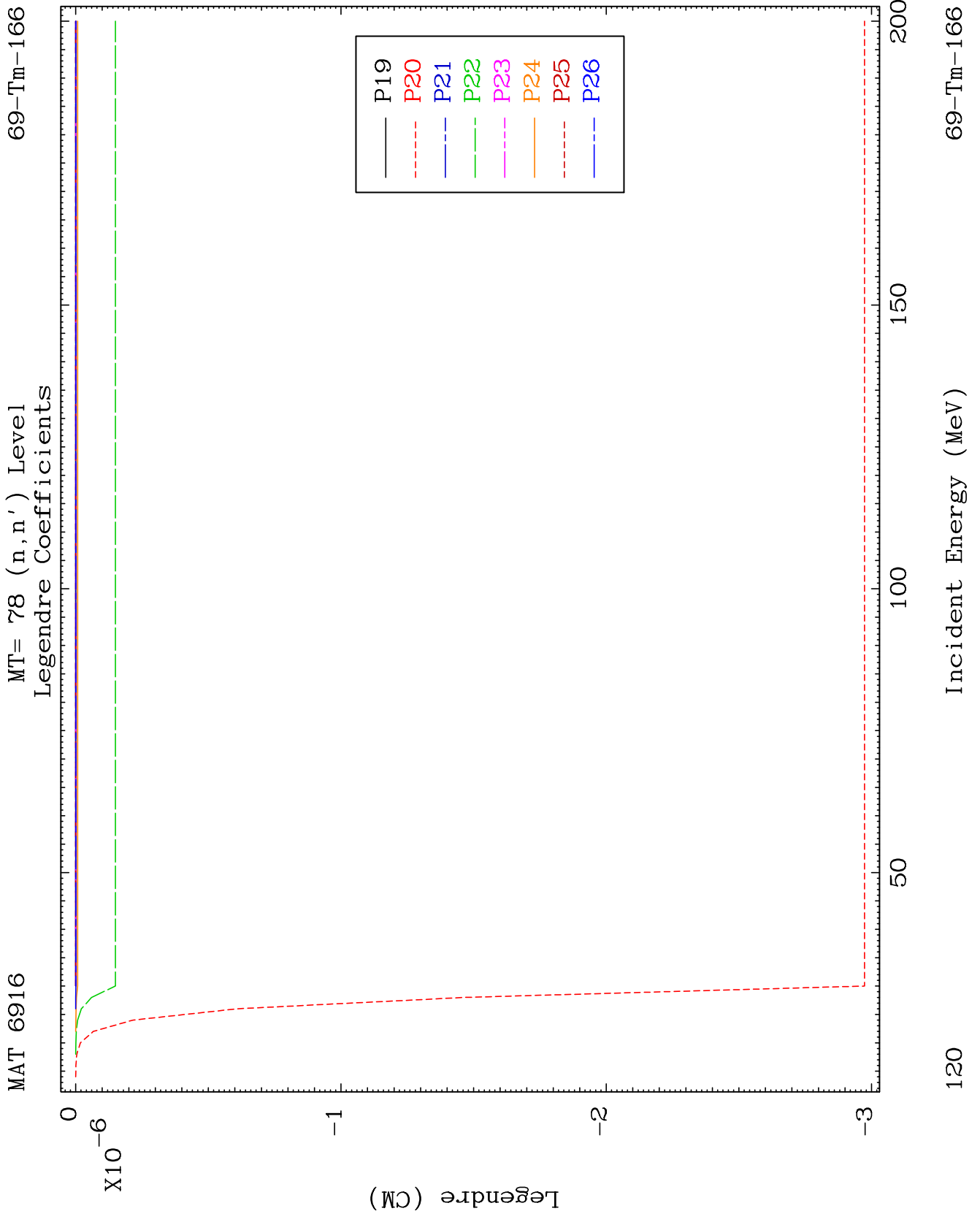
MAT 6916

MT= 78 (n,n') Level  
Legendre Coefficients

69-Tm-166



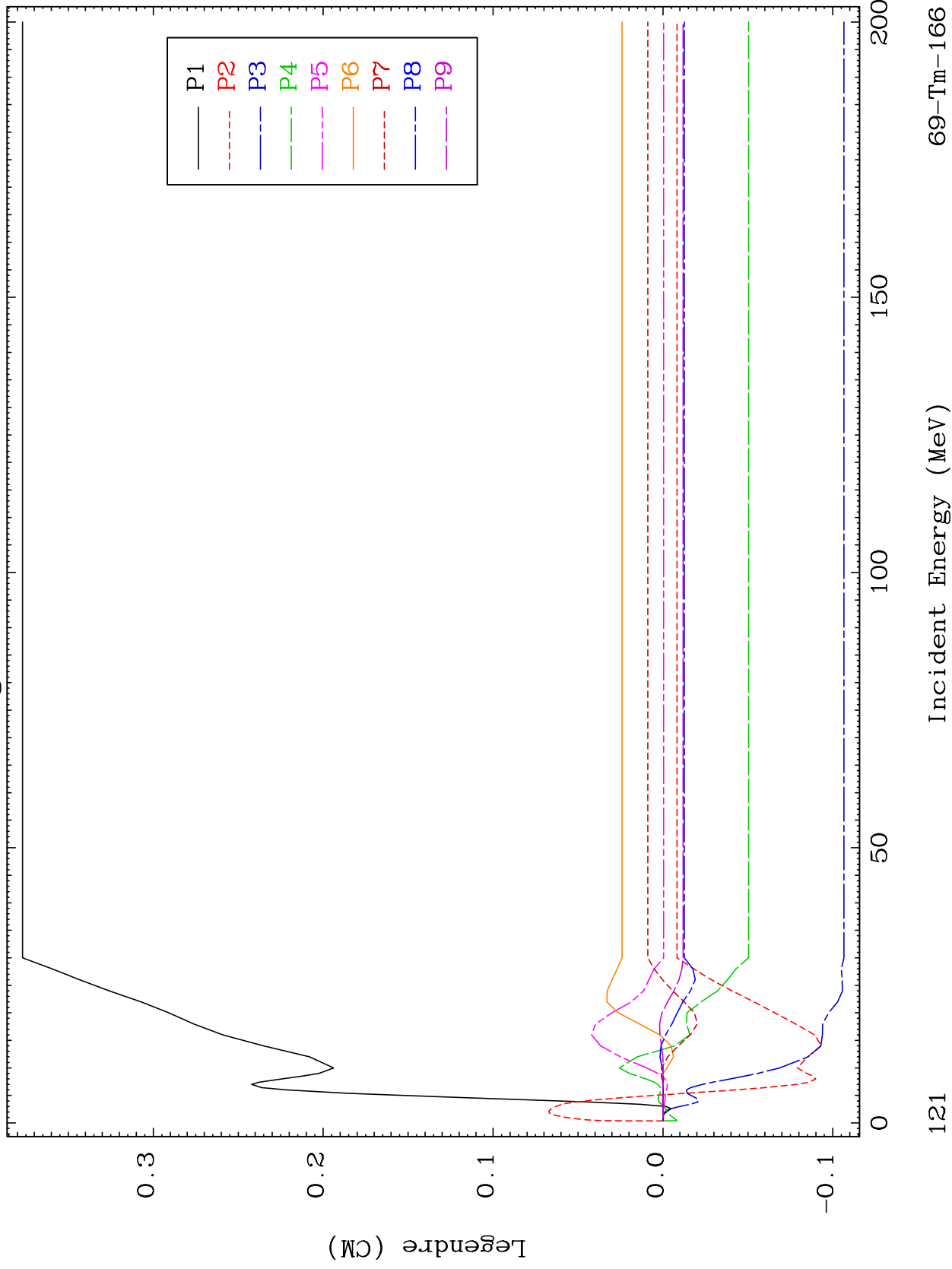




MAT 6916

MT= 79 (n,n') Level  
Legendre Coefficients

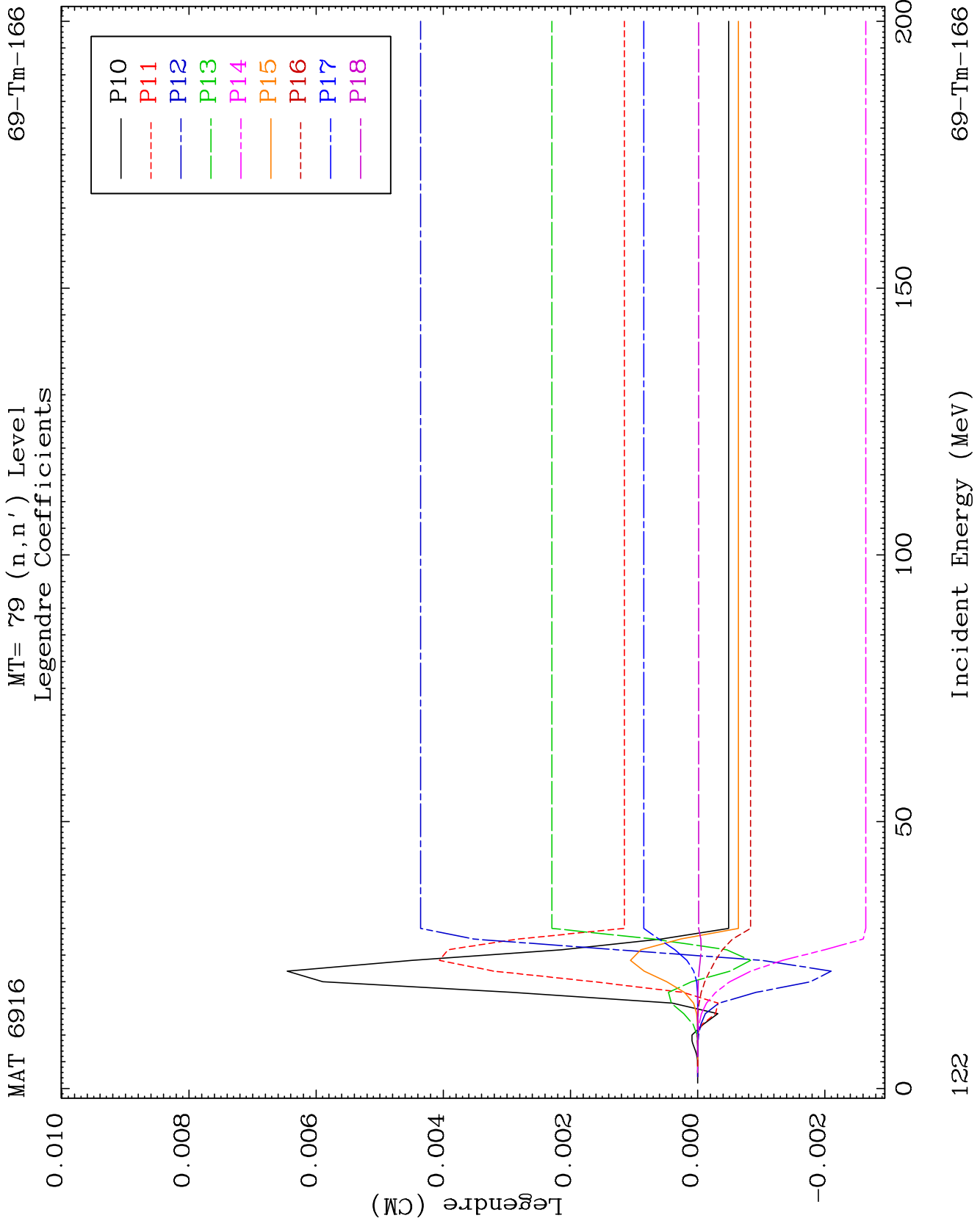
69-Tm-166



69-Tm-166

Incident Energy (MeV)

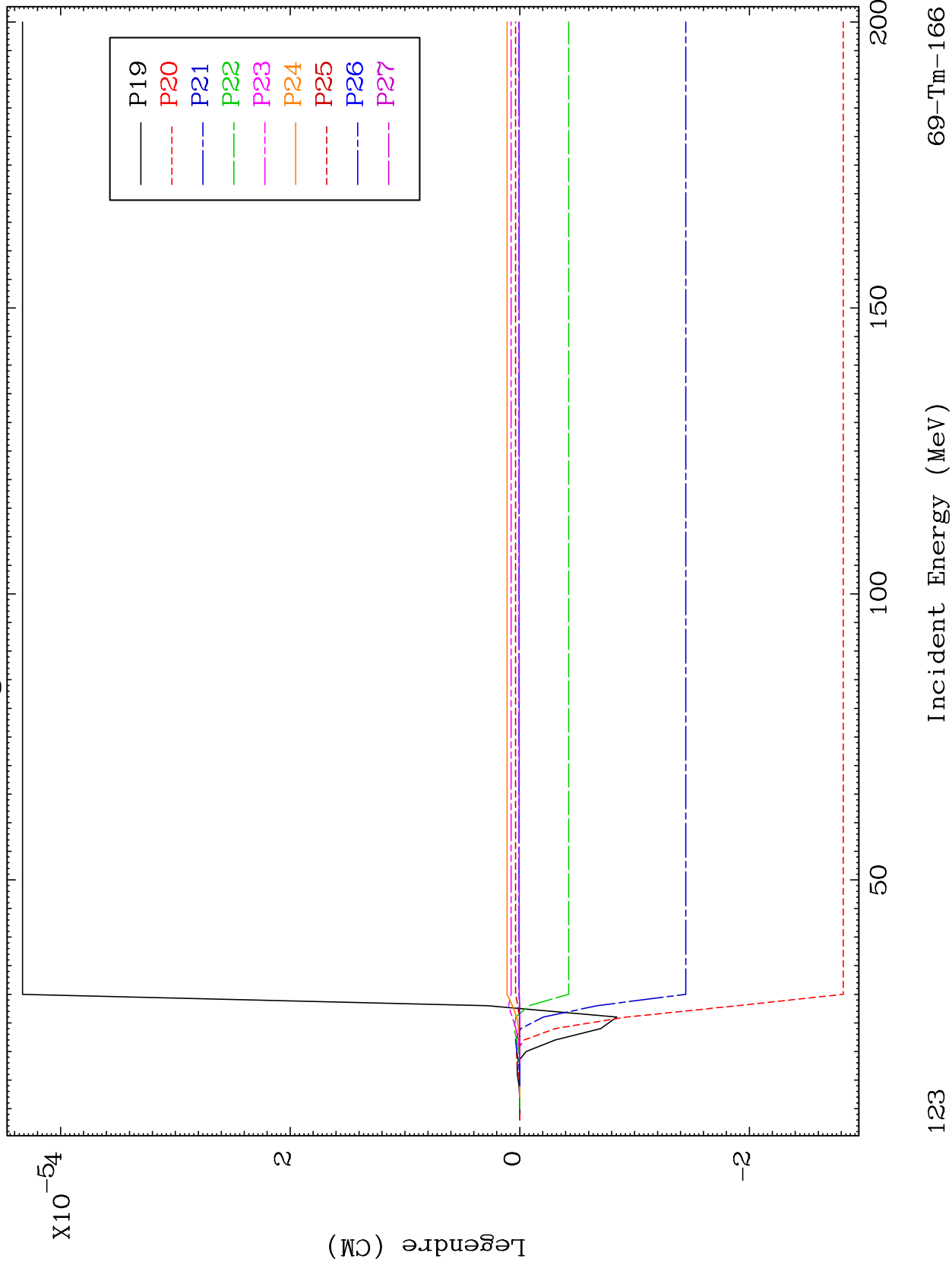
121



MAT 6916

MT= 79 (n,n') Level  
Legendre Coefficients

69-Tm-166



123

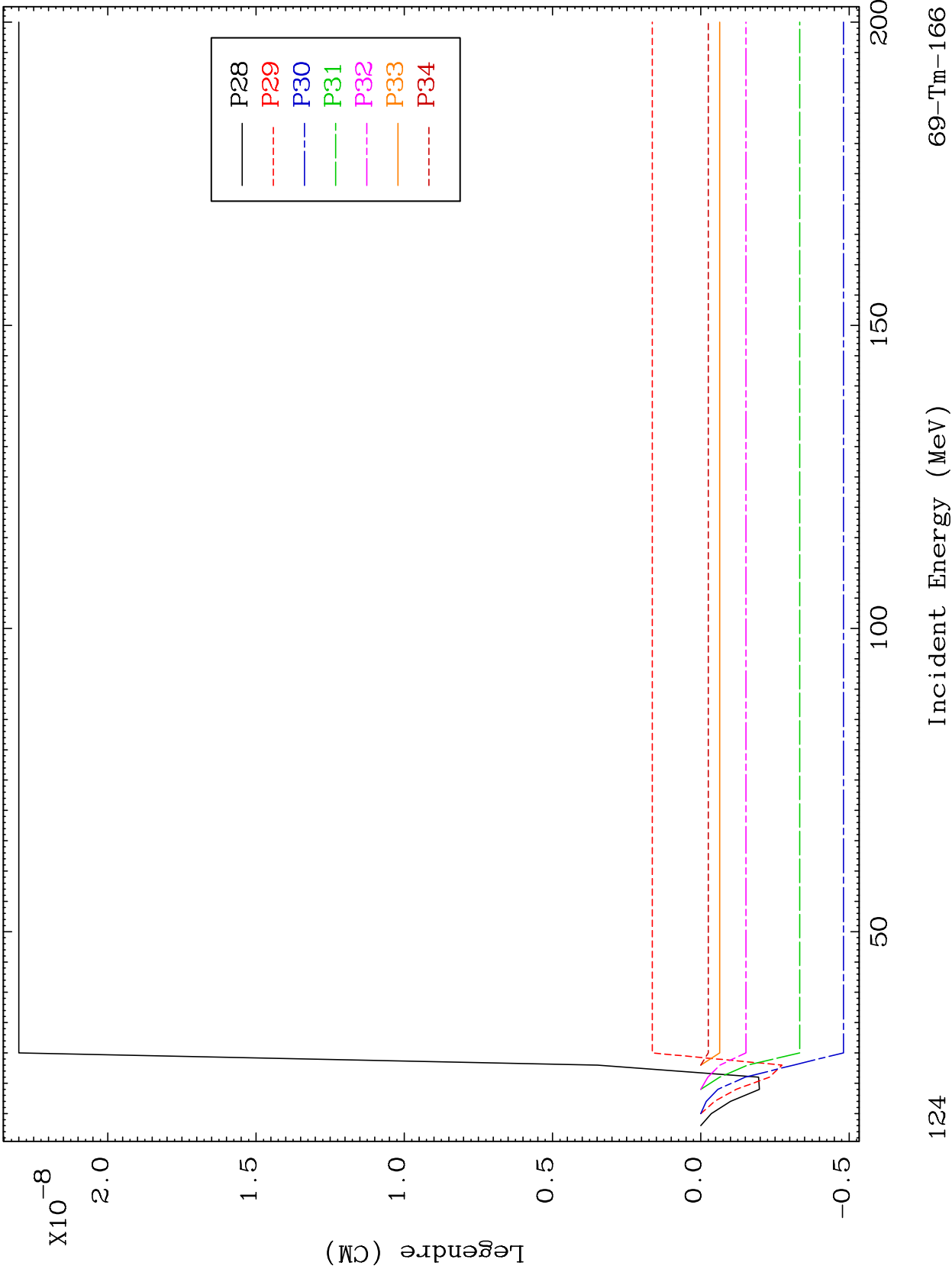
Incident Energy (MeV)

69-Tm-166

MAT 6916

MT= 79 (n,n') Level  
Legendre Coefficients

69-Tm-166



124

Incident Energy (MeV)

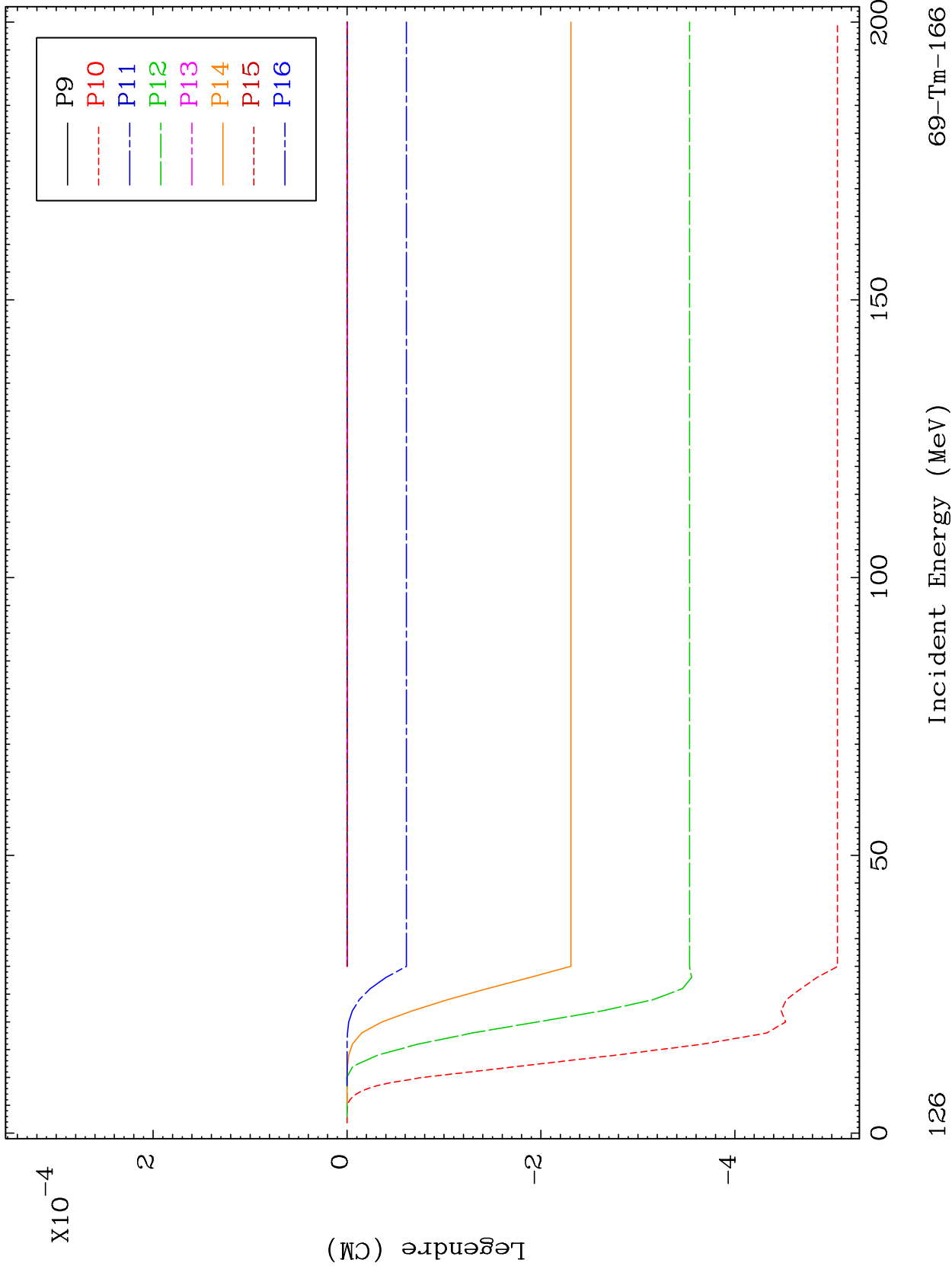
69-Tm-166



MAT 6916

MT= 80 (n,n') Level  
Legendre Coefficients

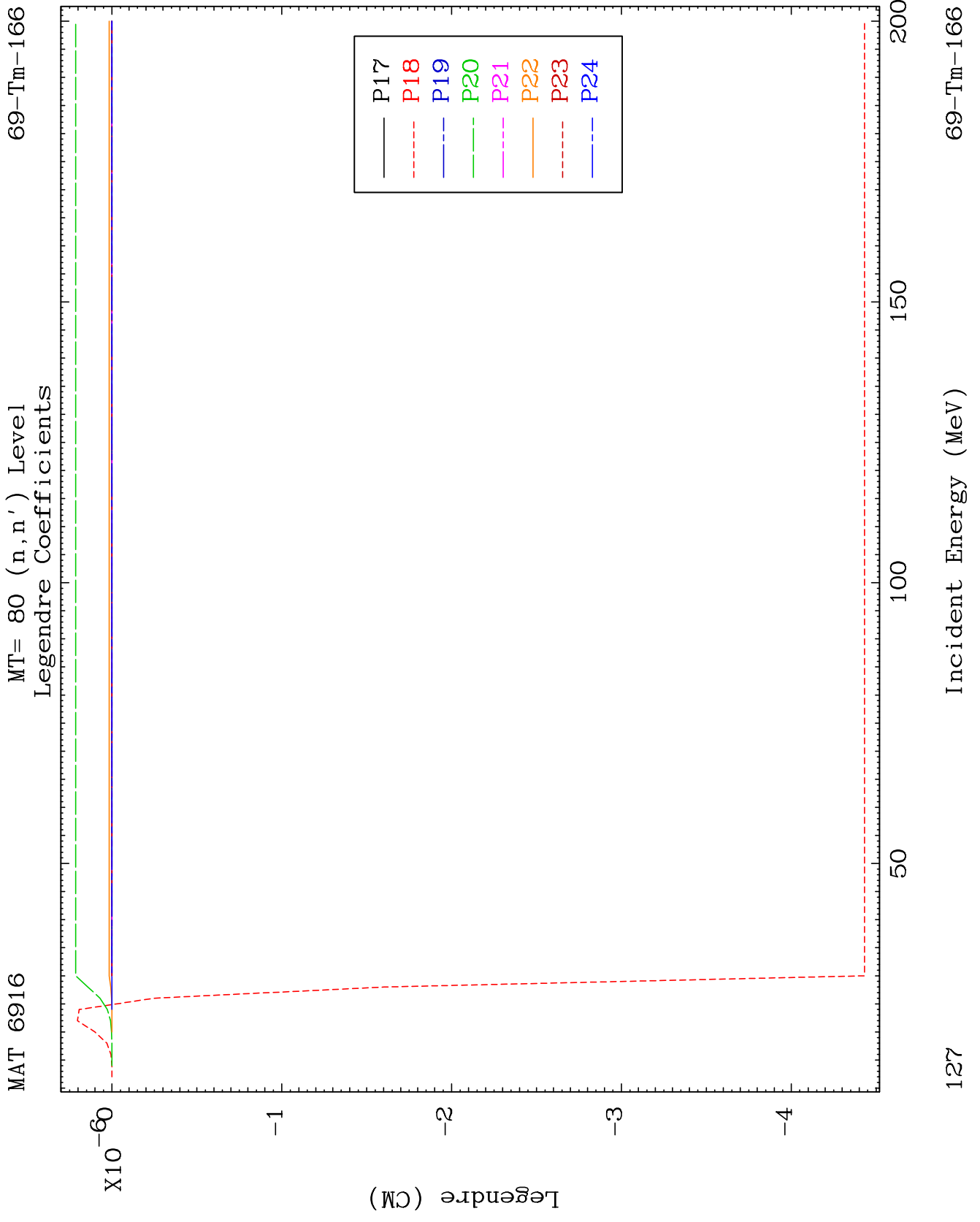
69-Tm-166



126

Incident Energy (MeV)

69-Tm-166



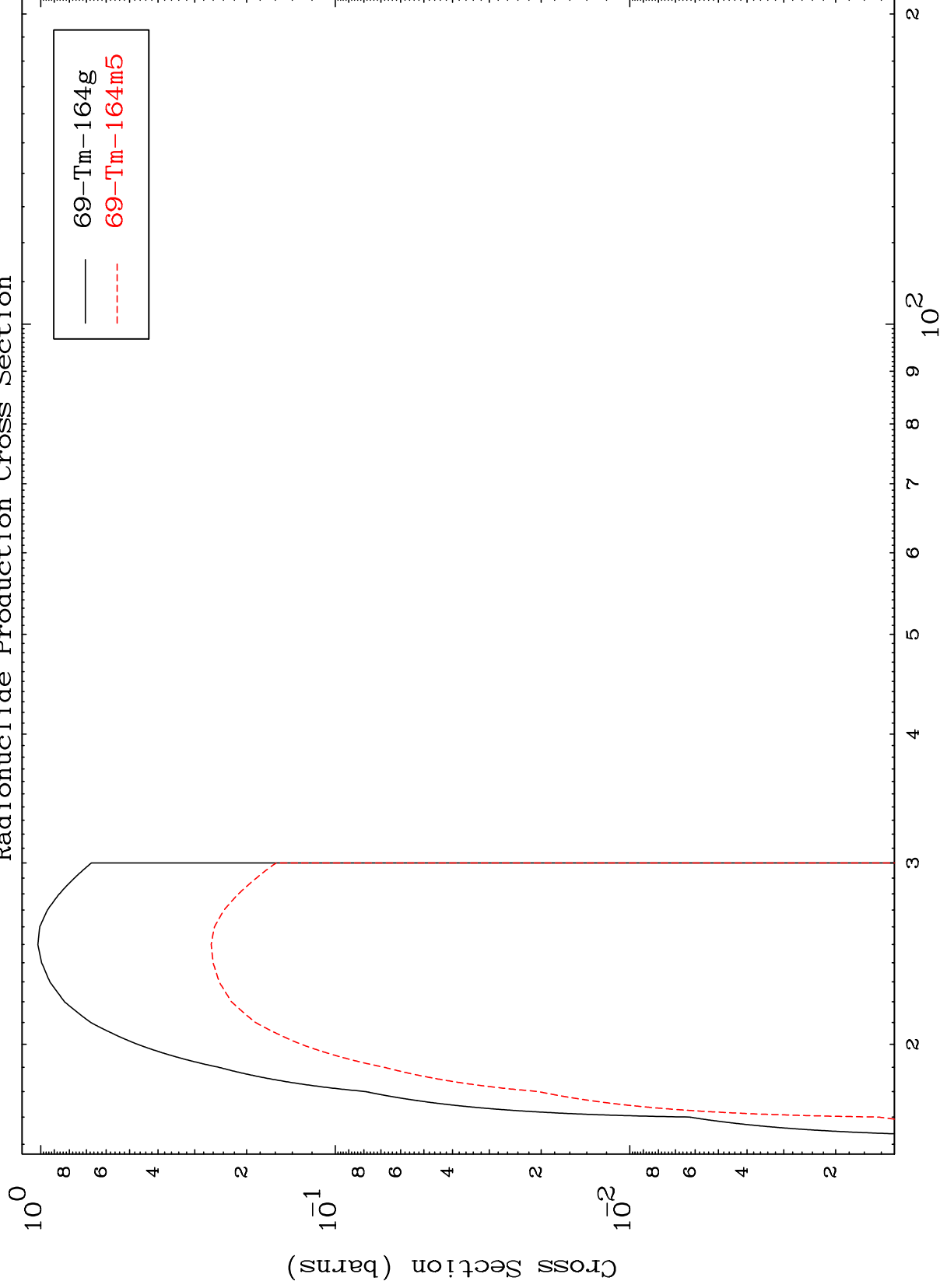


MAT 6916

(n,3n)

69-Tm-166

Radionuclide Production Cross Section



128

Incident Energy (MeV)

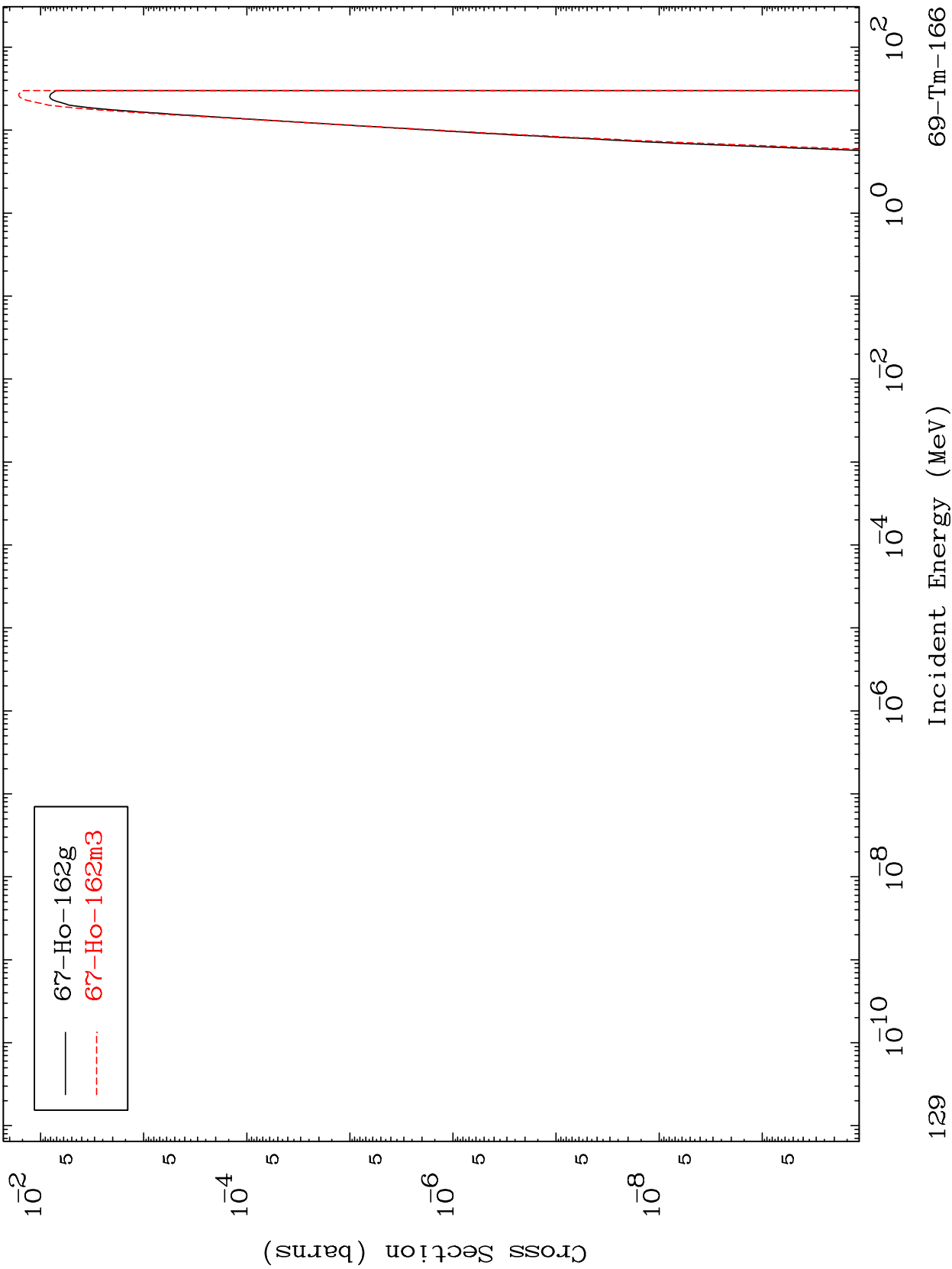
69-Tm-166

MAT 6916

$(n, n') \alpha$

69-Tm-166

Radionuclide Production Cross Section

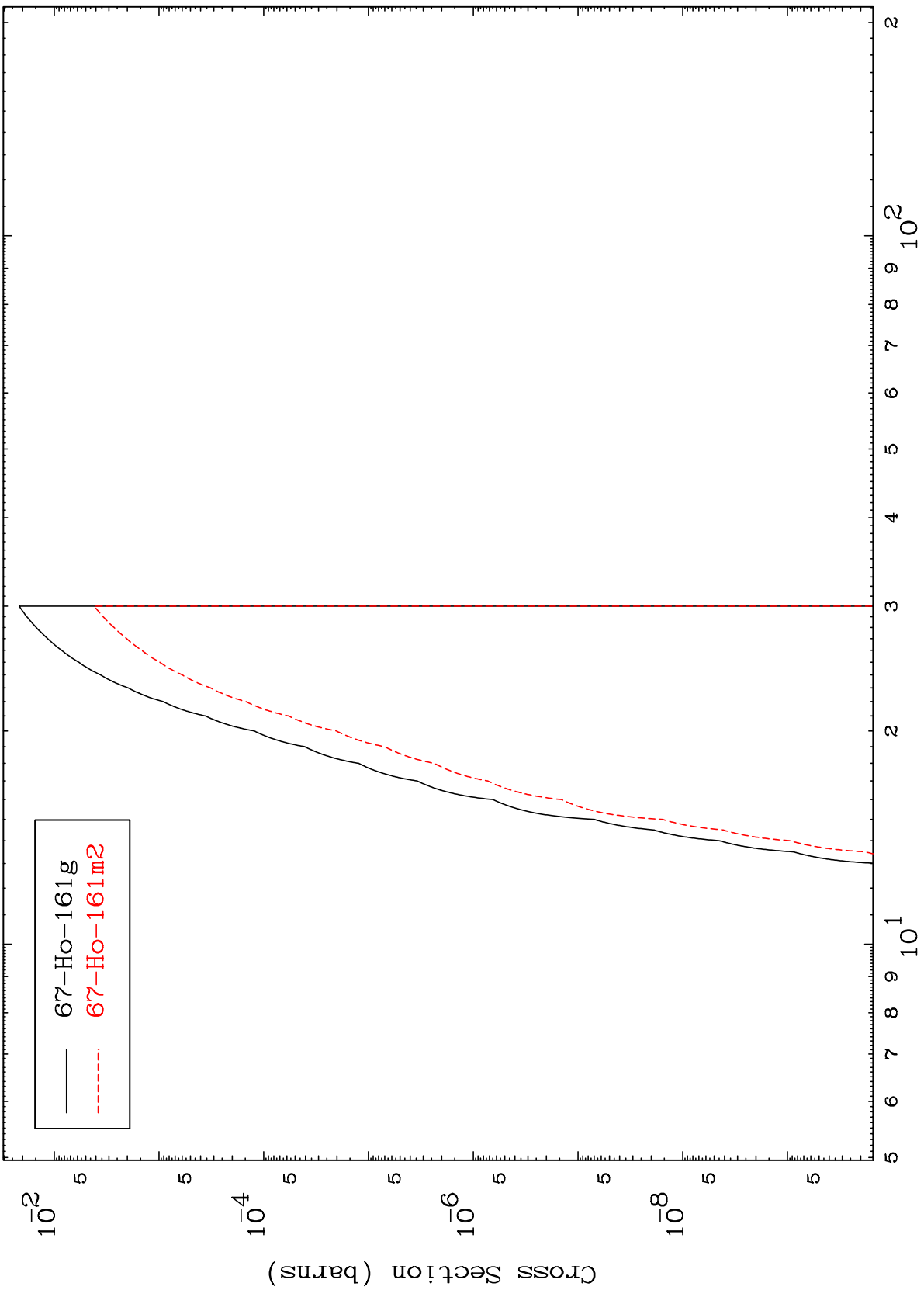


MAT 6916

$(n,2n) \alpha$

69-Tm-166

Radionuclide Production Cross Section



67-Ho-161g  
67-Ho-161m2

130

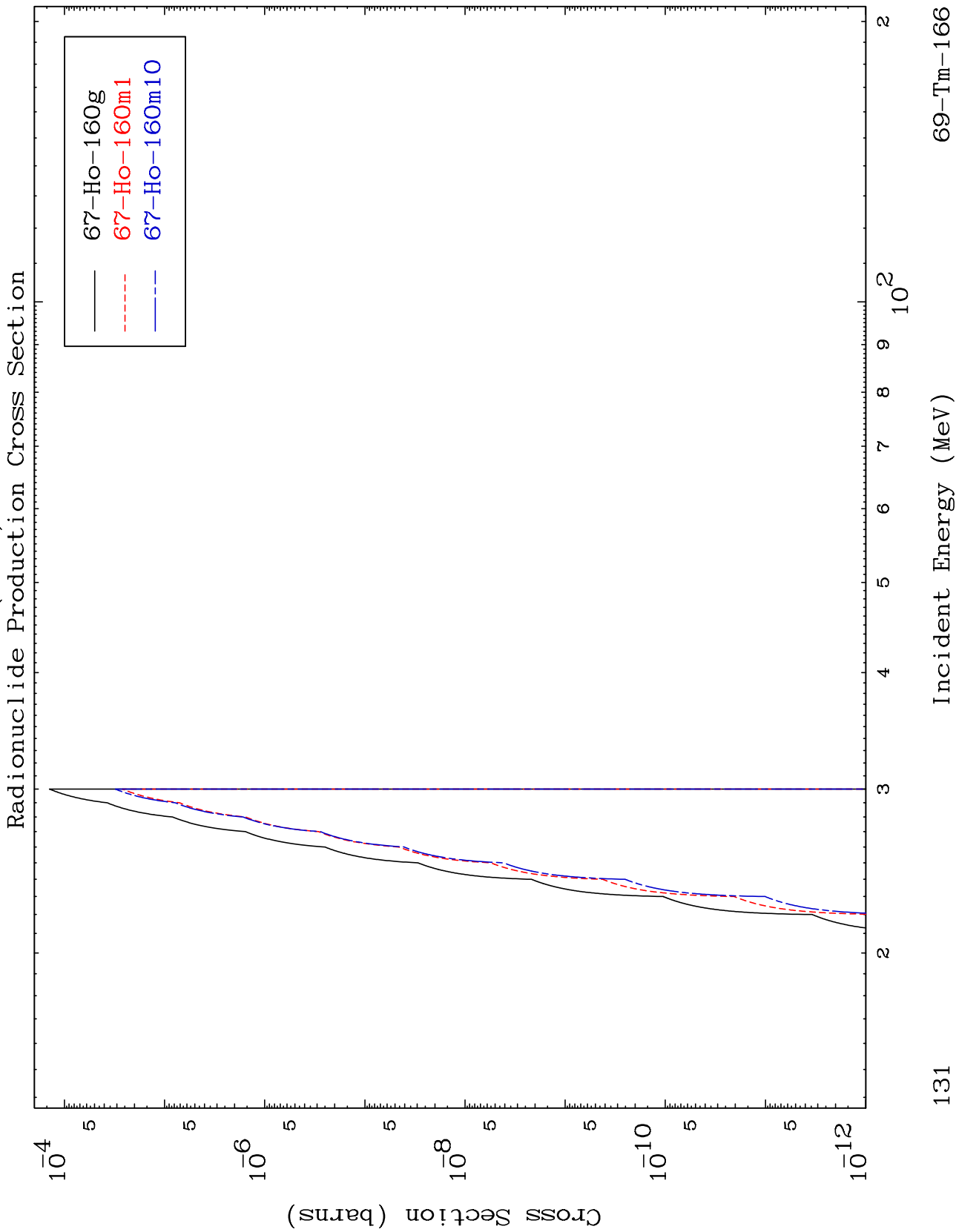
Incident Energy (MeV)

69-Tm-166

MAT 6916

(n,3n)  $\alpha$

69-Tm-166



131

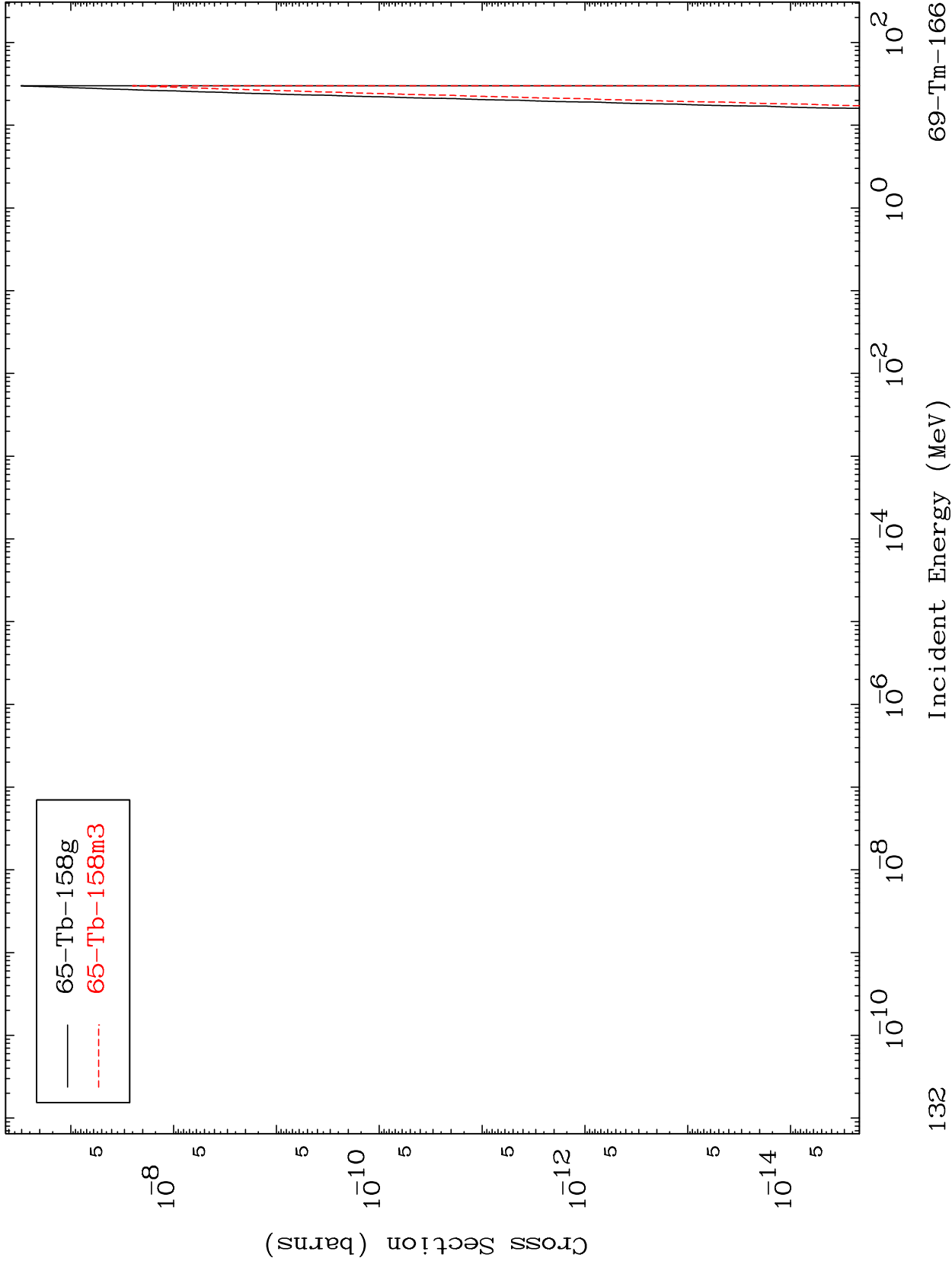
69-Tm-166

MAT 6916

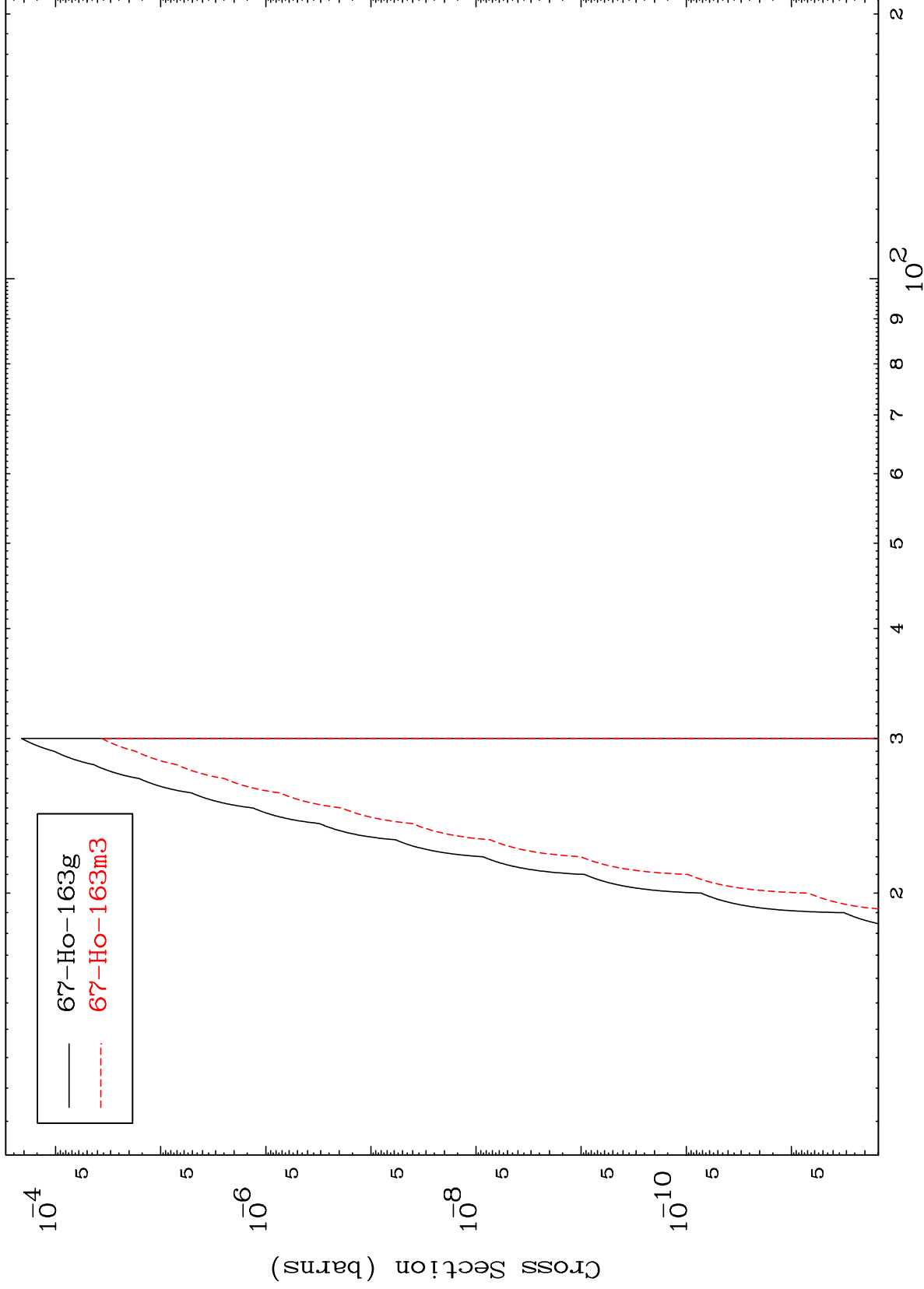
(n,n') 2α

69-Tm-166

Radionuclide Production Cross Section



Radionuclide Production Cross Section

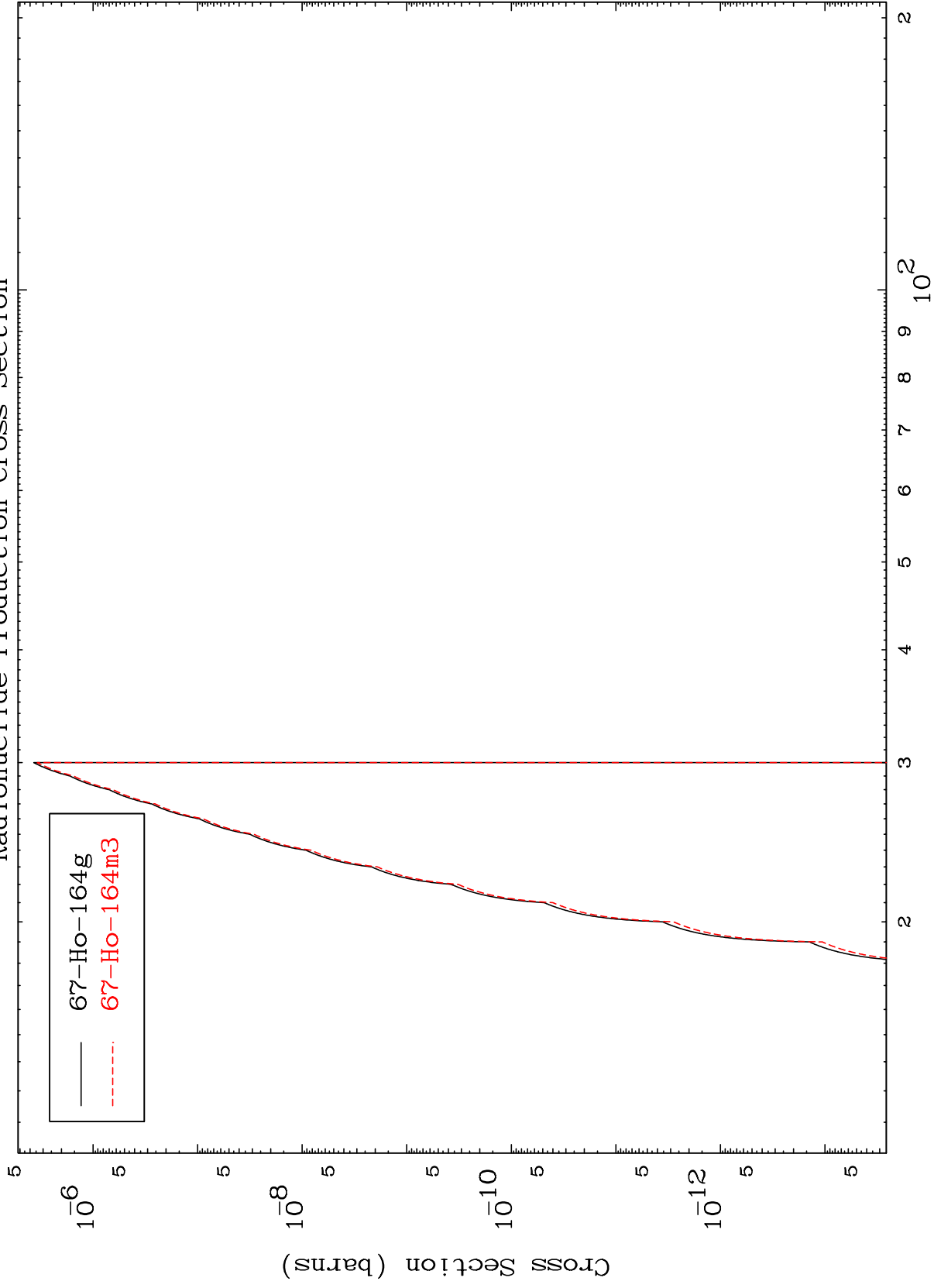


MAT 6916

(n,2n) p

69-Tm-166

Radionuclide Production Cross Section



134

Incident Energy (MeV)

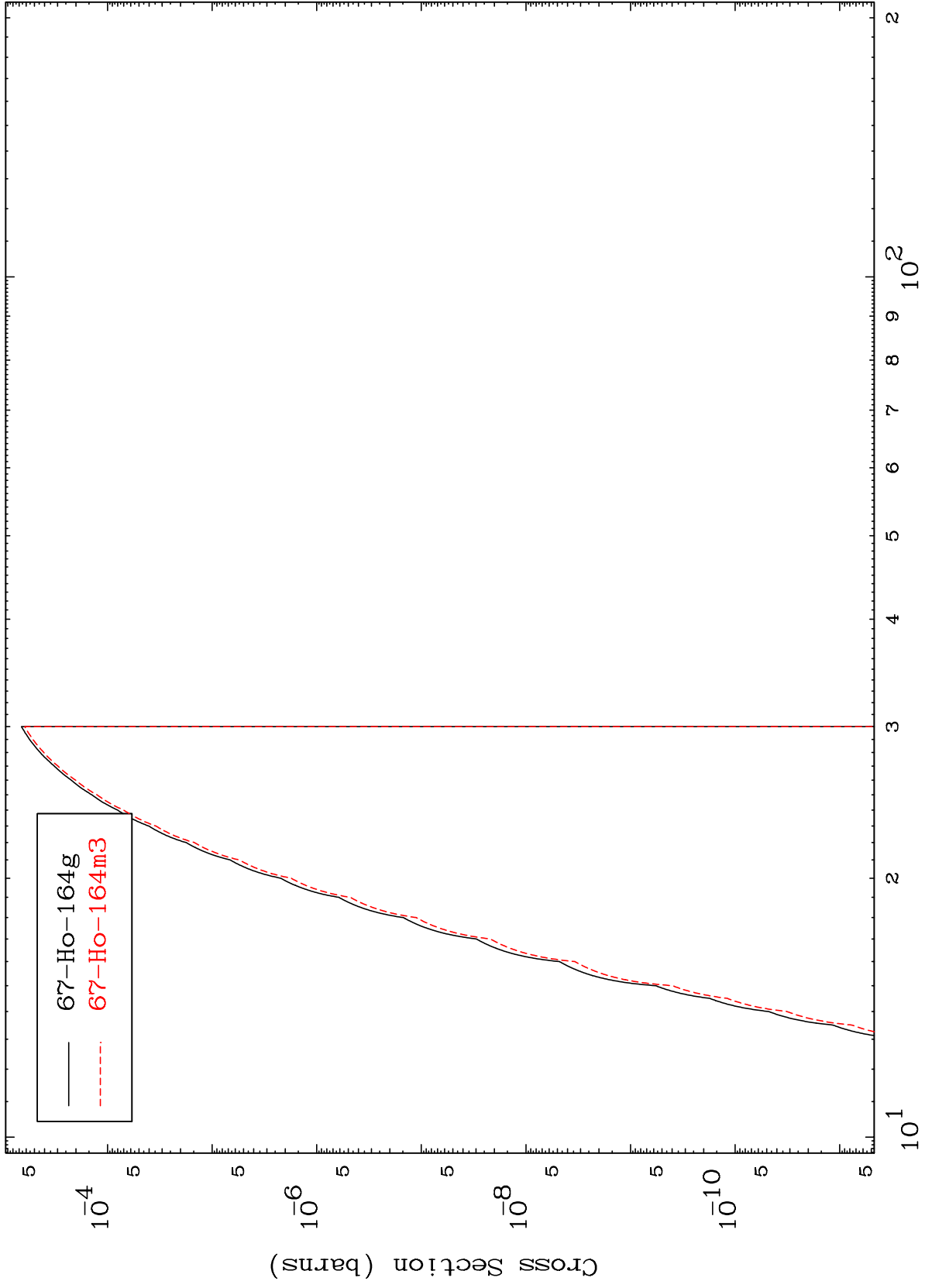
69-Tm-166

MAT 6916

(n,He-3)

69-Tm-166

Radionuclide Production Cross Section



67-Ho-164g  
67-Ho-164m3

Incident Energy (MeV)

135

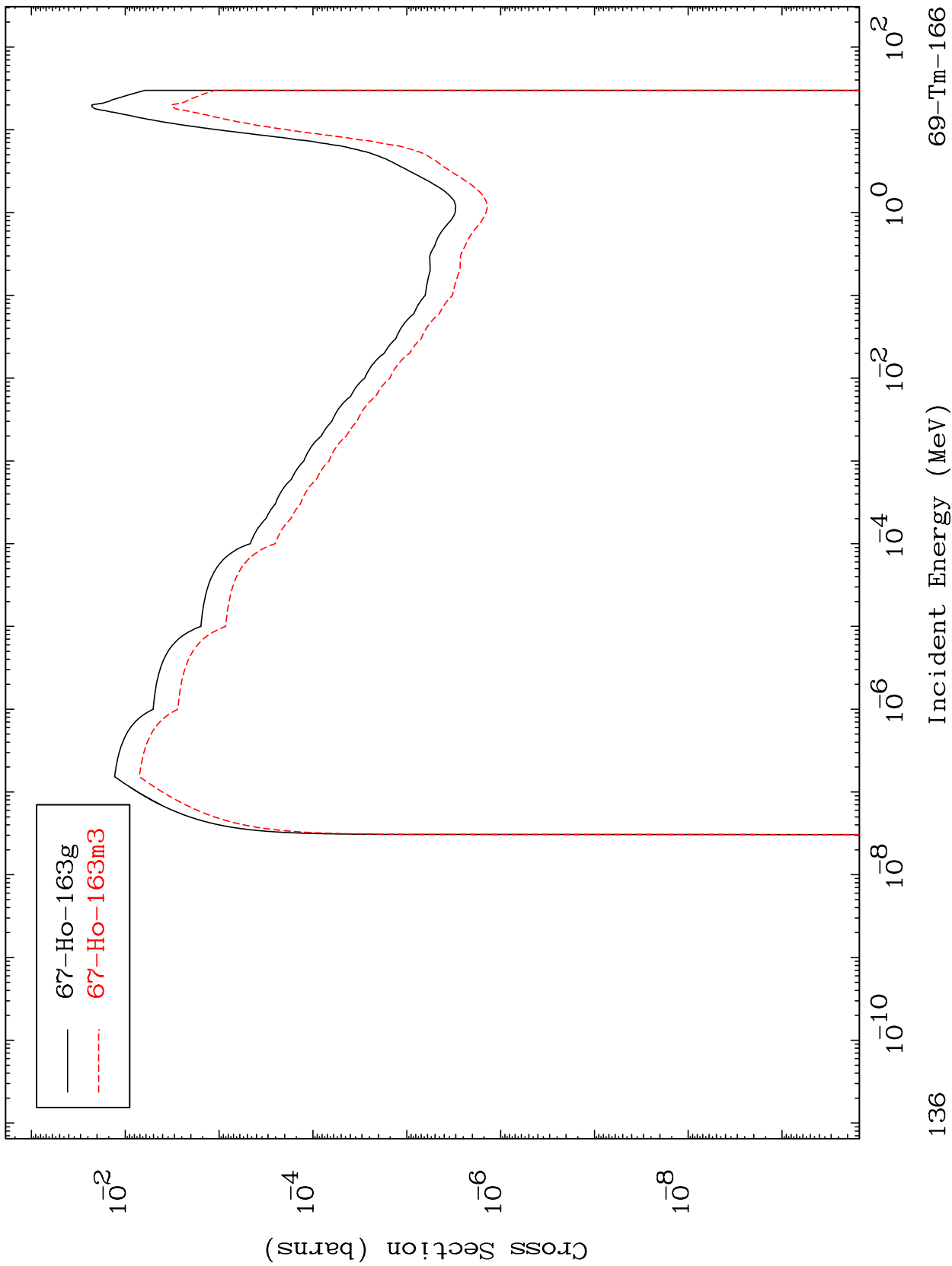
69-Tm-166



MAT 6916

69-Tm-166

(n,  $\alpha$ )  
Radionuclide Production Cross Section



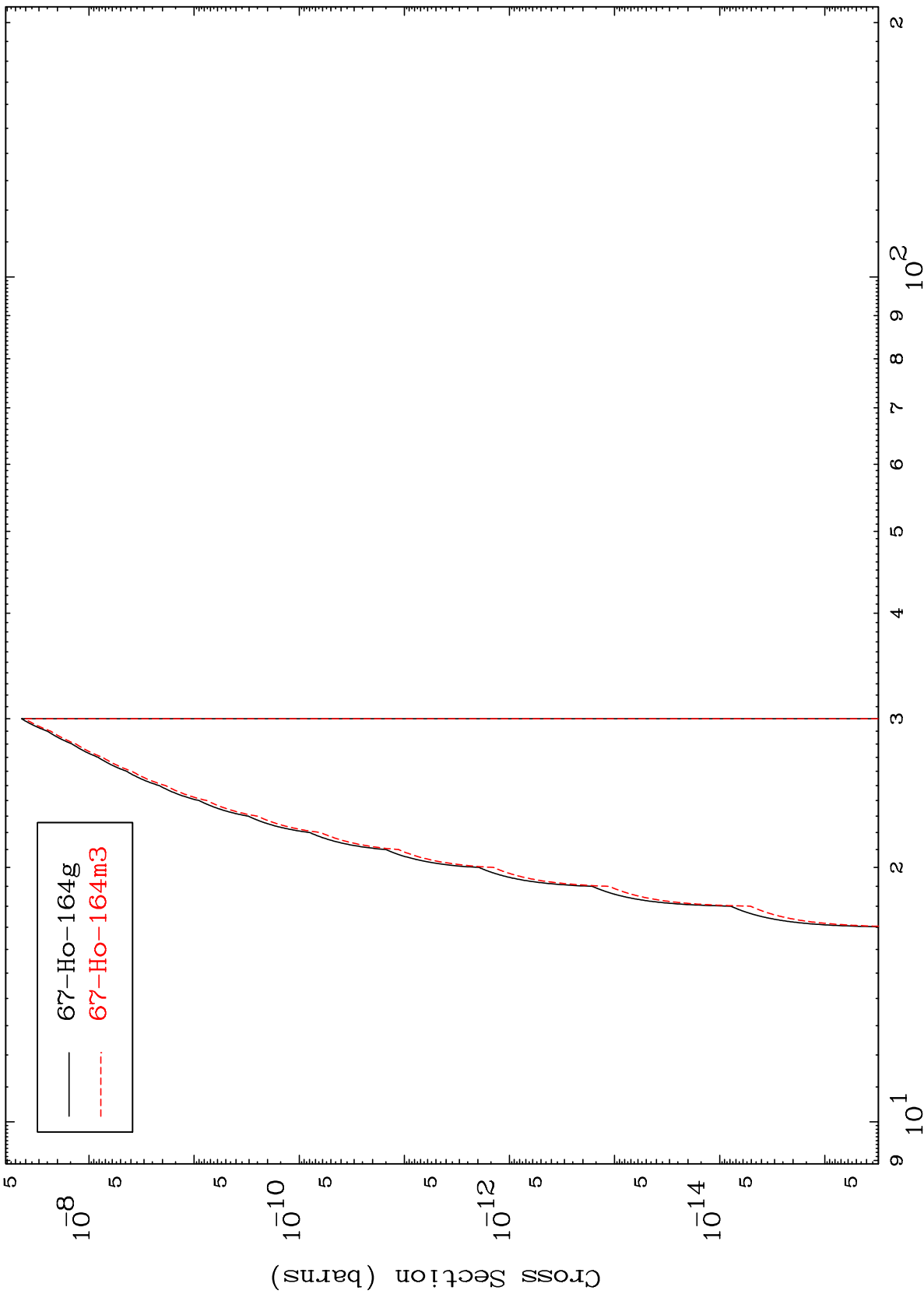
136

MAT 6916

(n,p) d

69-Tm-166

Radionuclide Production Cross Section



67-Ho-164g  
67-Ho-164m3

137

Incident Energy (MeV)

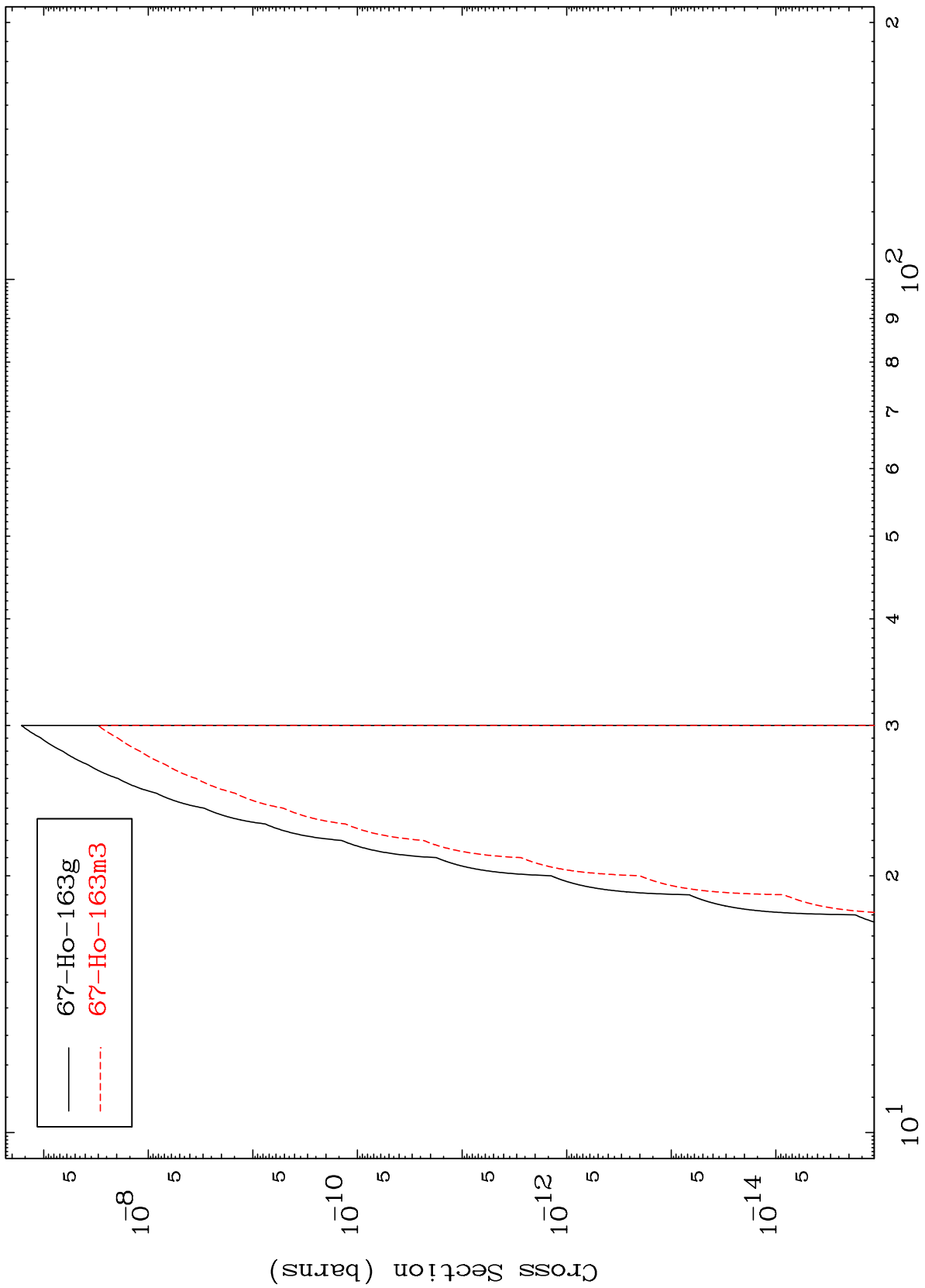
69-Tm-166

MAT 6916

(n,p) t

69-Tm-166

Radionuclide Production Cross Section



67-Ho-163g  
67-Ho-163m3

138

Incident Energy (MeV)

69-Tm-166