

Program EVALPLOT  
(Version 2021-1)

by

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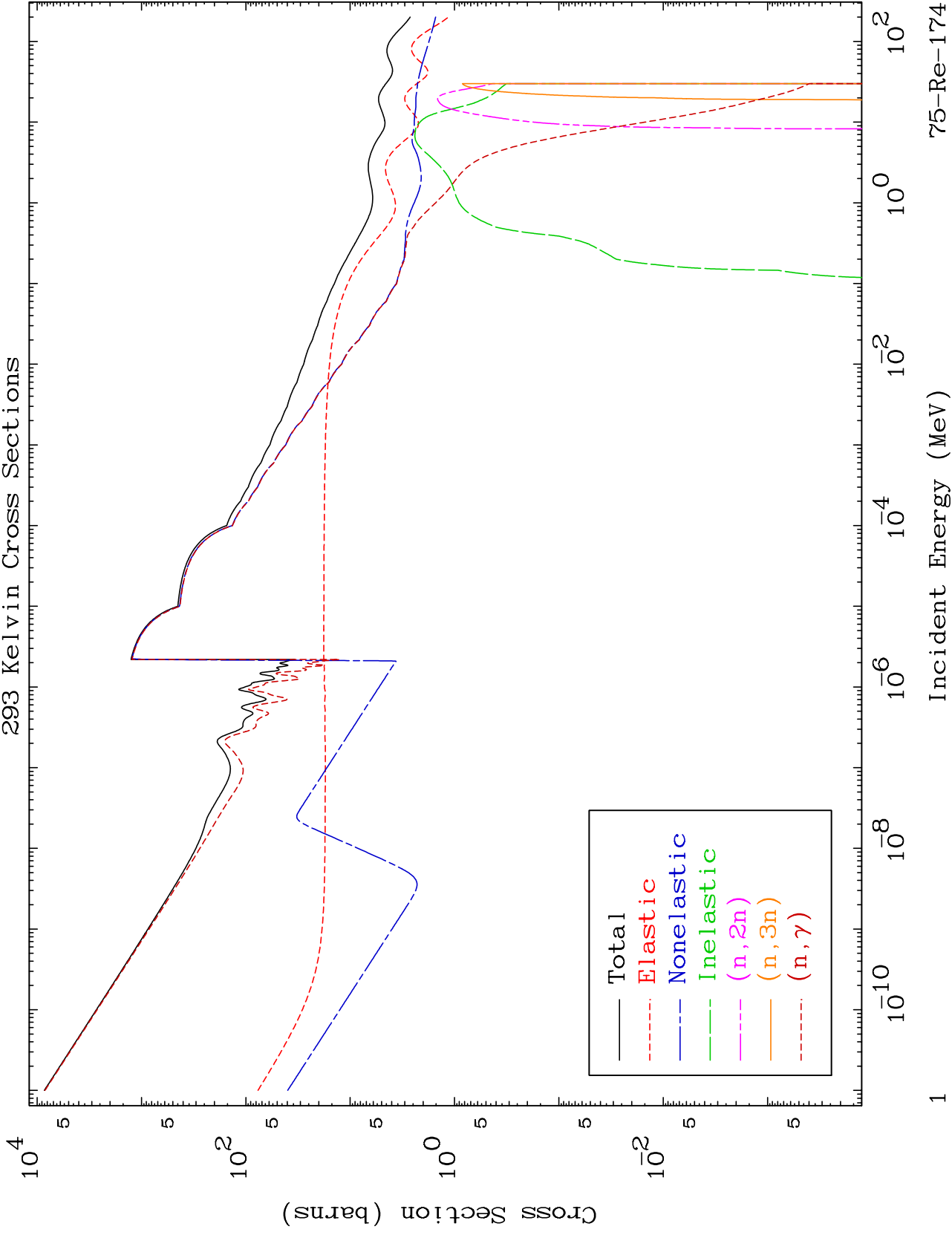
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Press Mouse Button to Start

MAT 7492

Neutron Major  
293 Kelvin Cross Sections

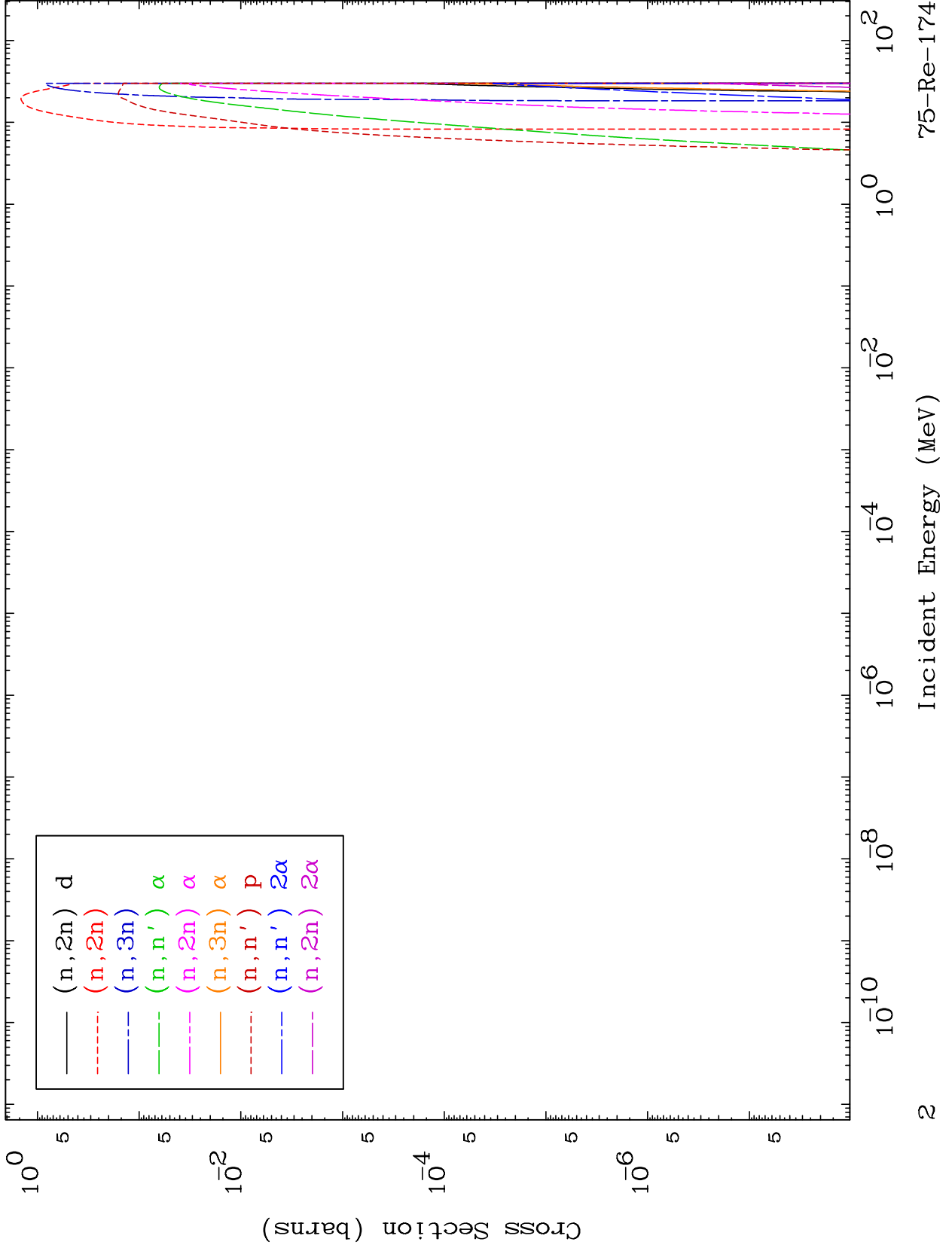
75-Re-174

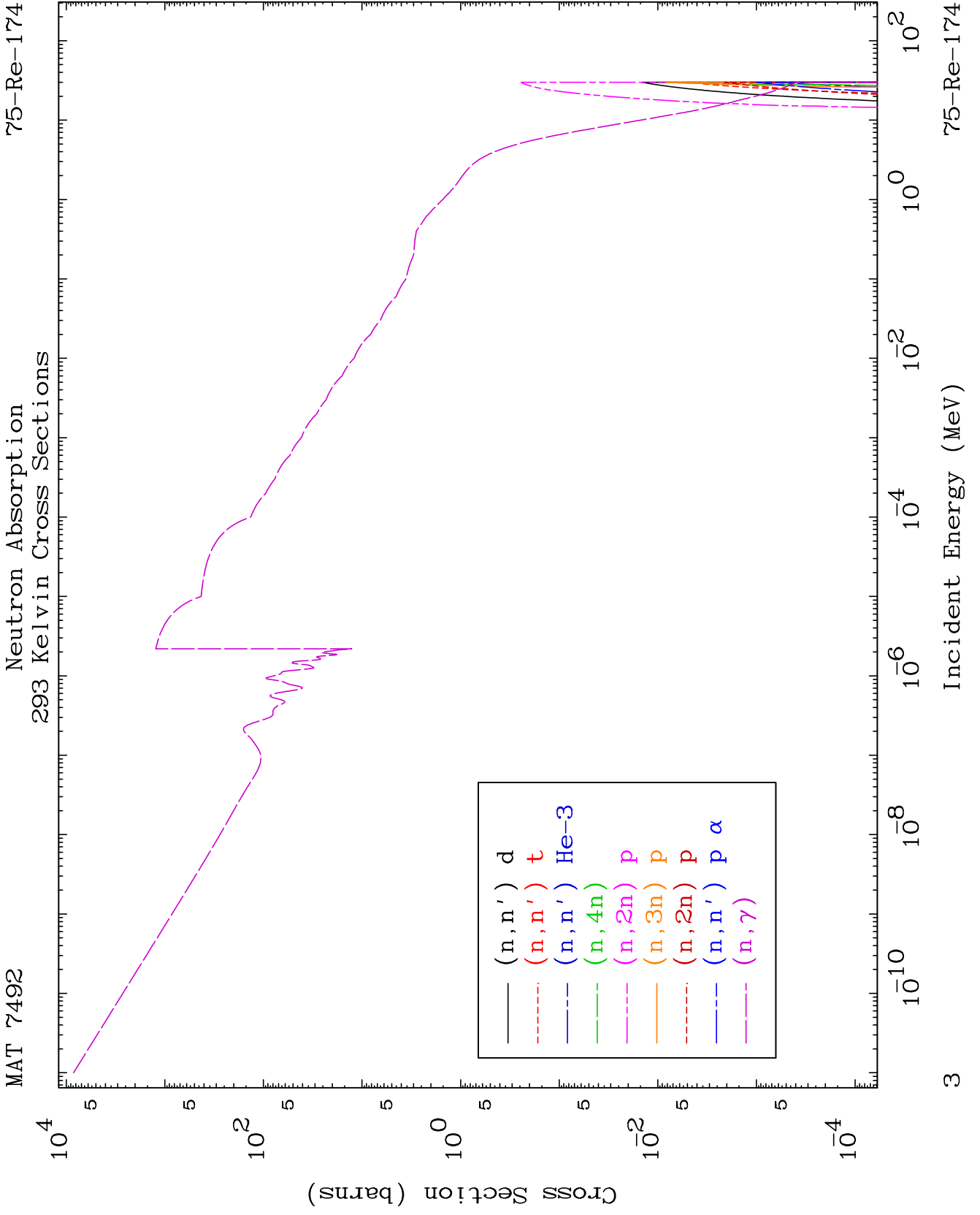


MAT 7492

Neutron Absorption  
293 Kelvin Cross Sections

75-Re-174

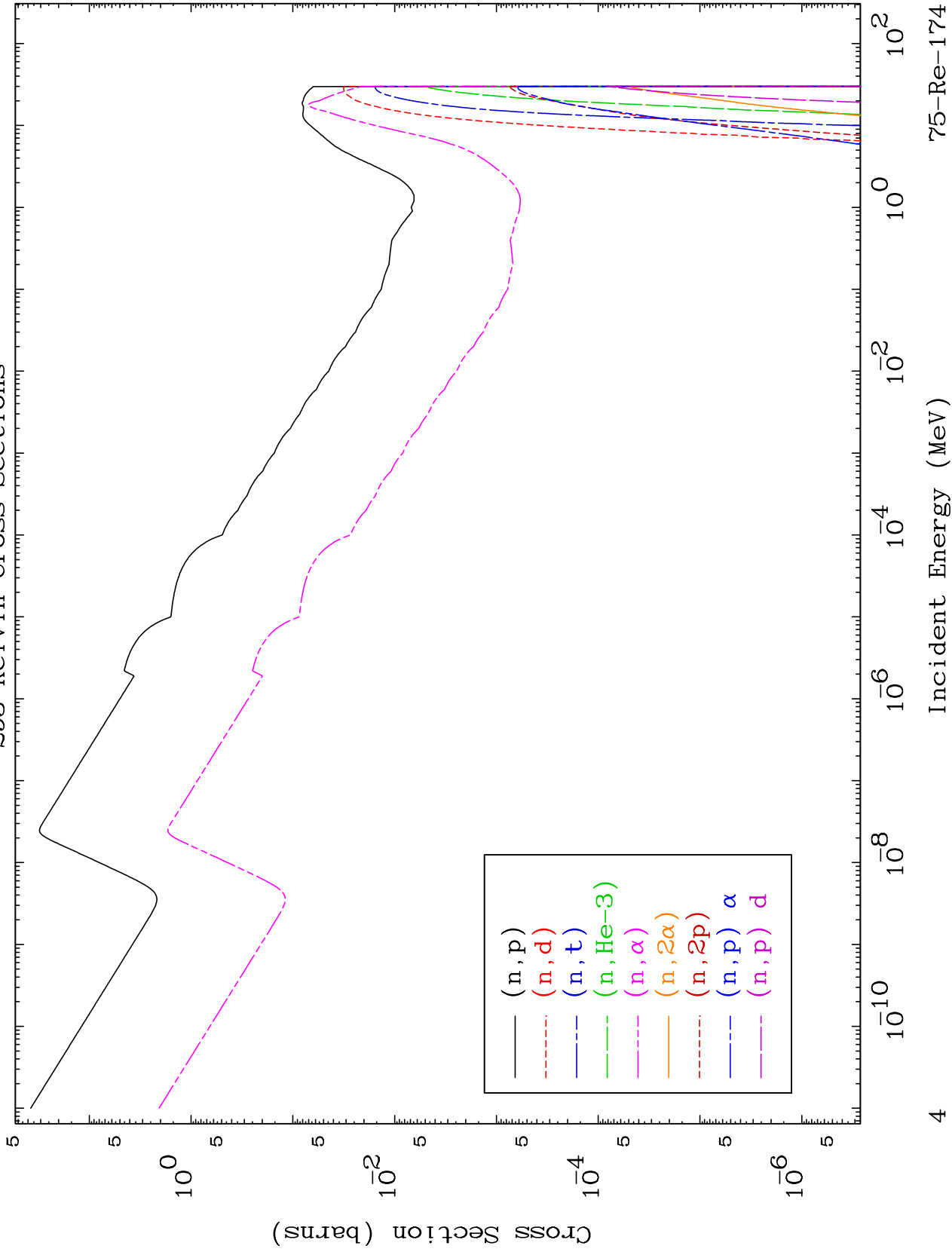


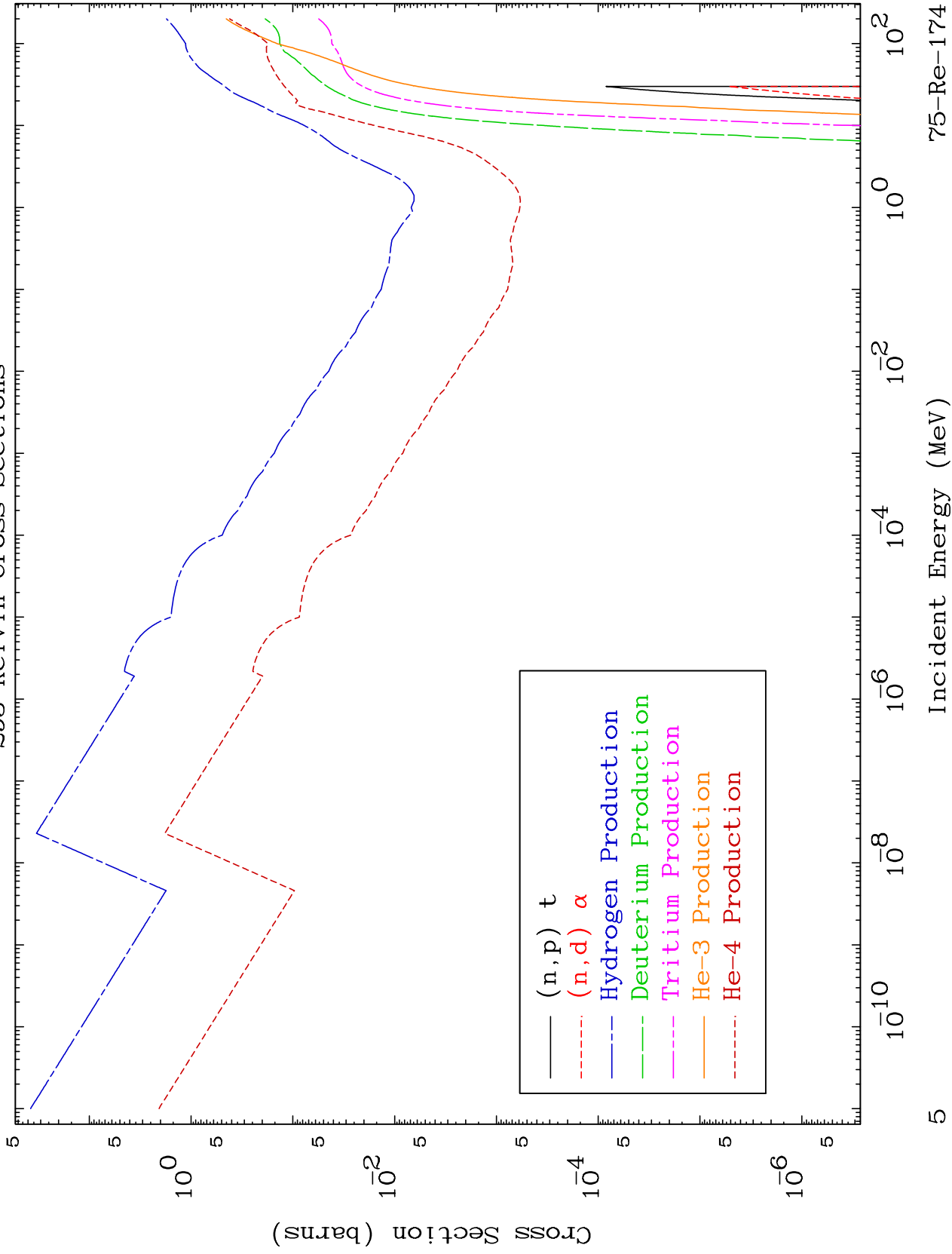


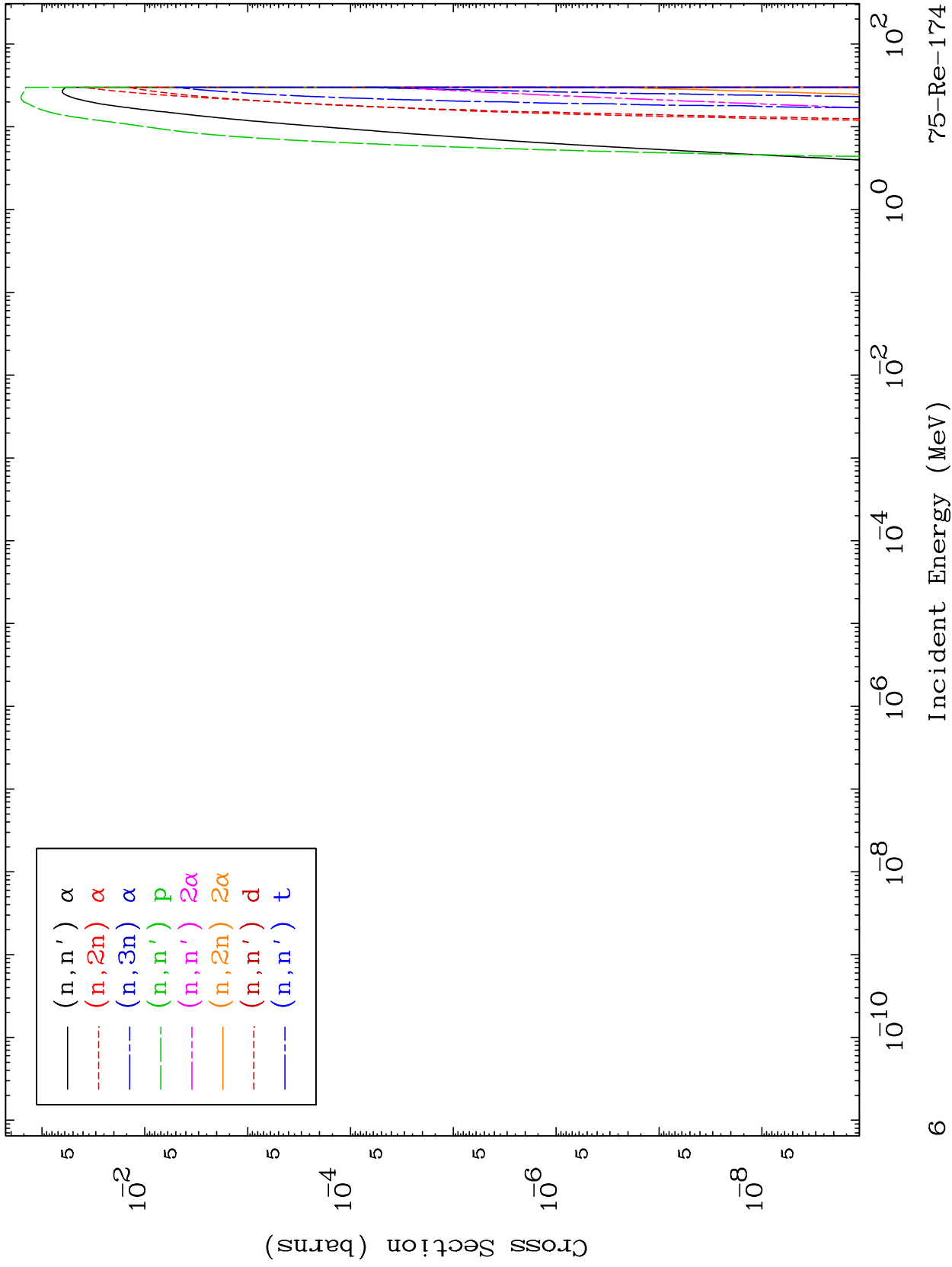
MAT 7492

Neutron Absorption  
293 Kelvin Cross Sections

75-Re-174



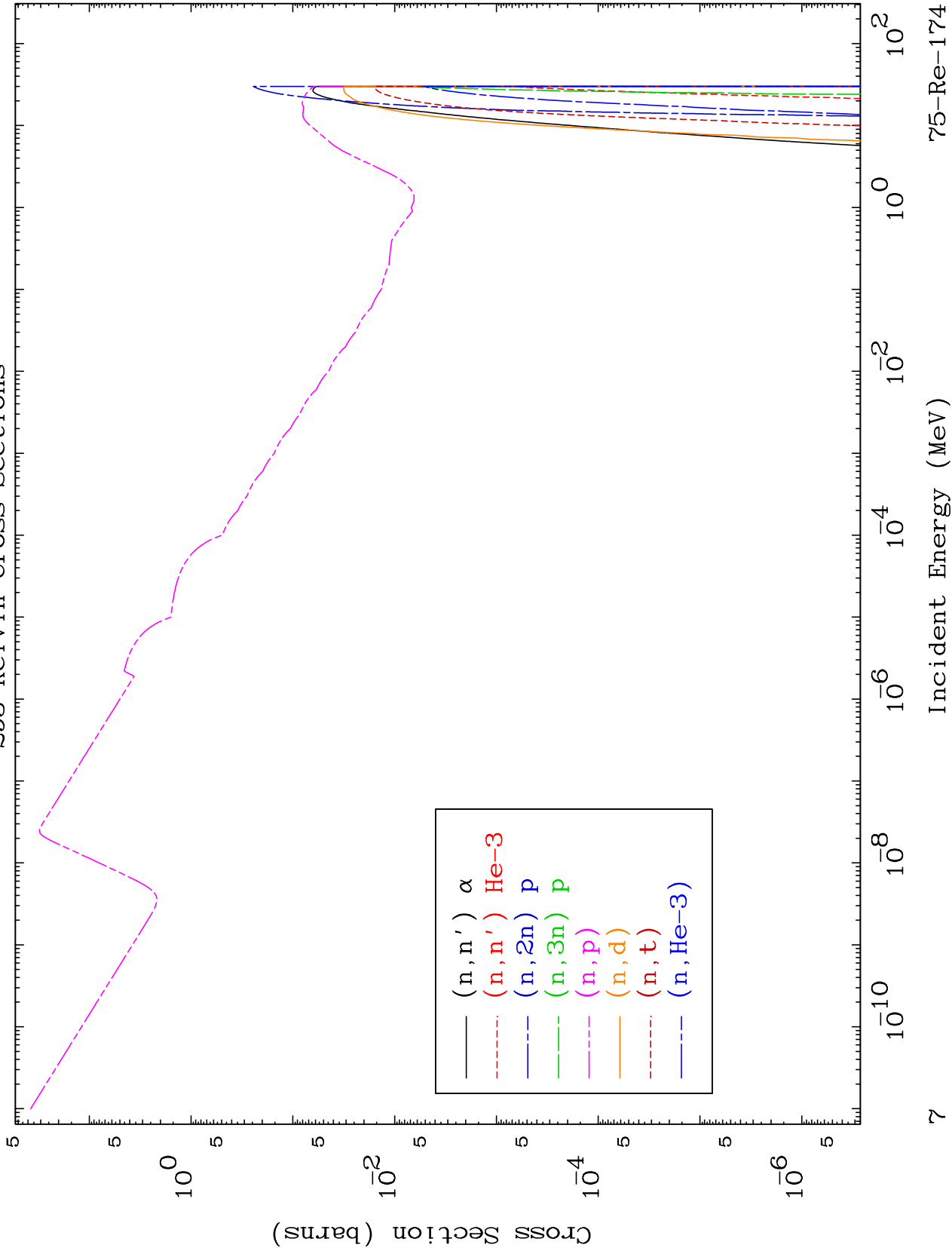




MAT 7492

Charged Particle  
293 Kelvin Cross Sections

75-Re-174

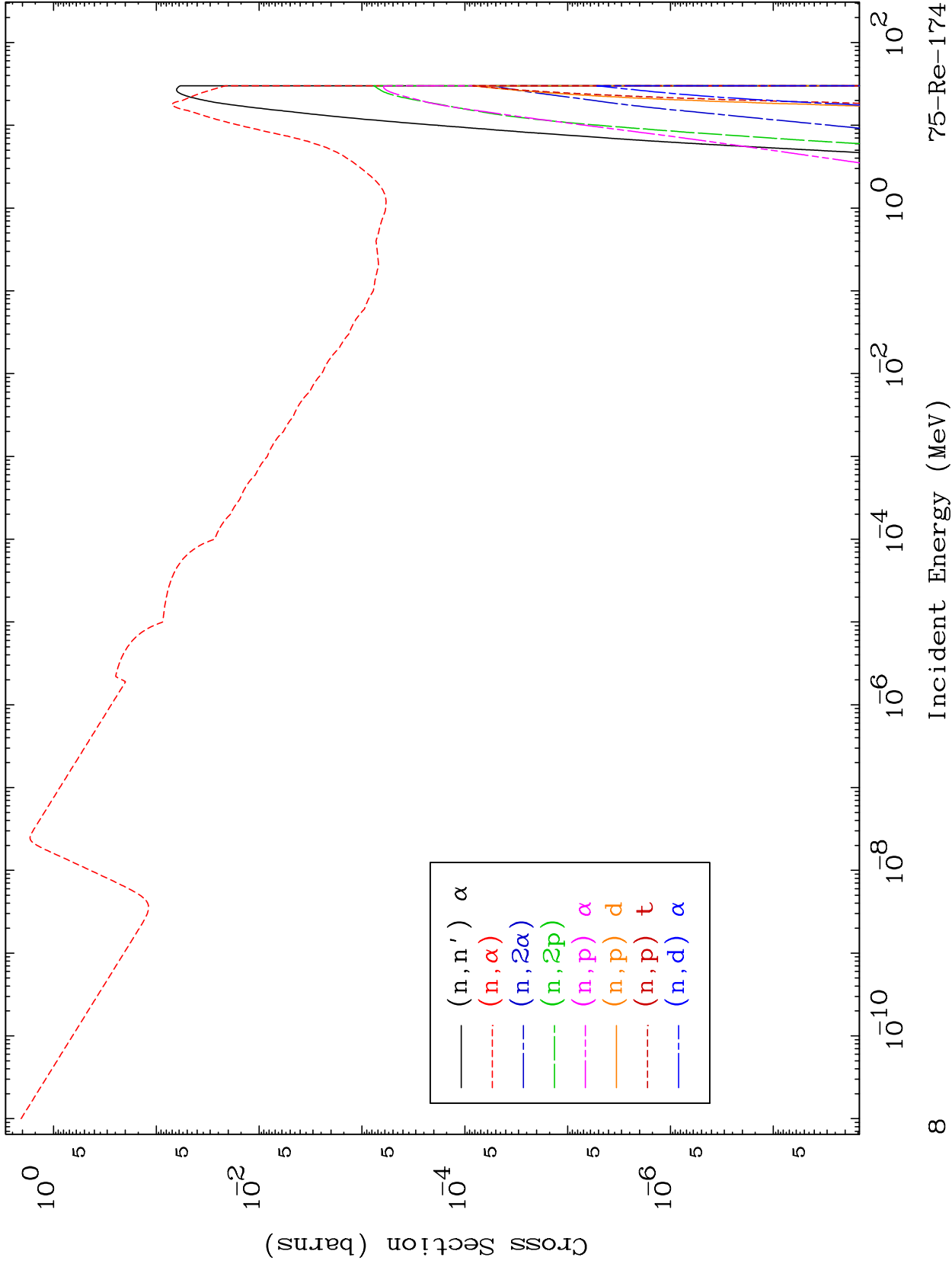




MAT 7492

Charged Particle  
293 Kelvin Cross Sections

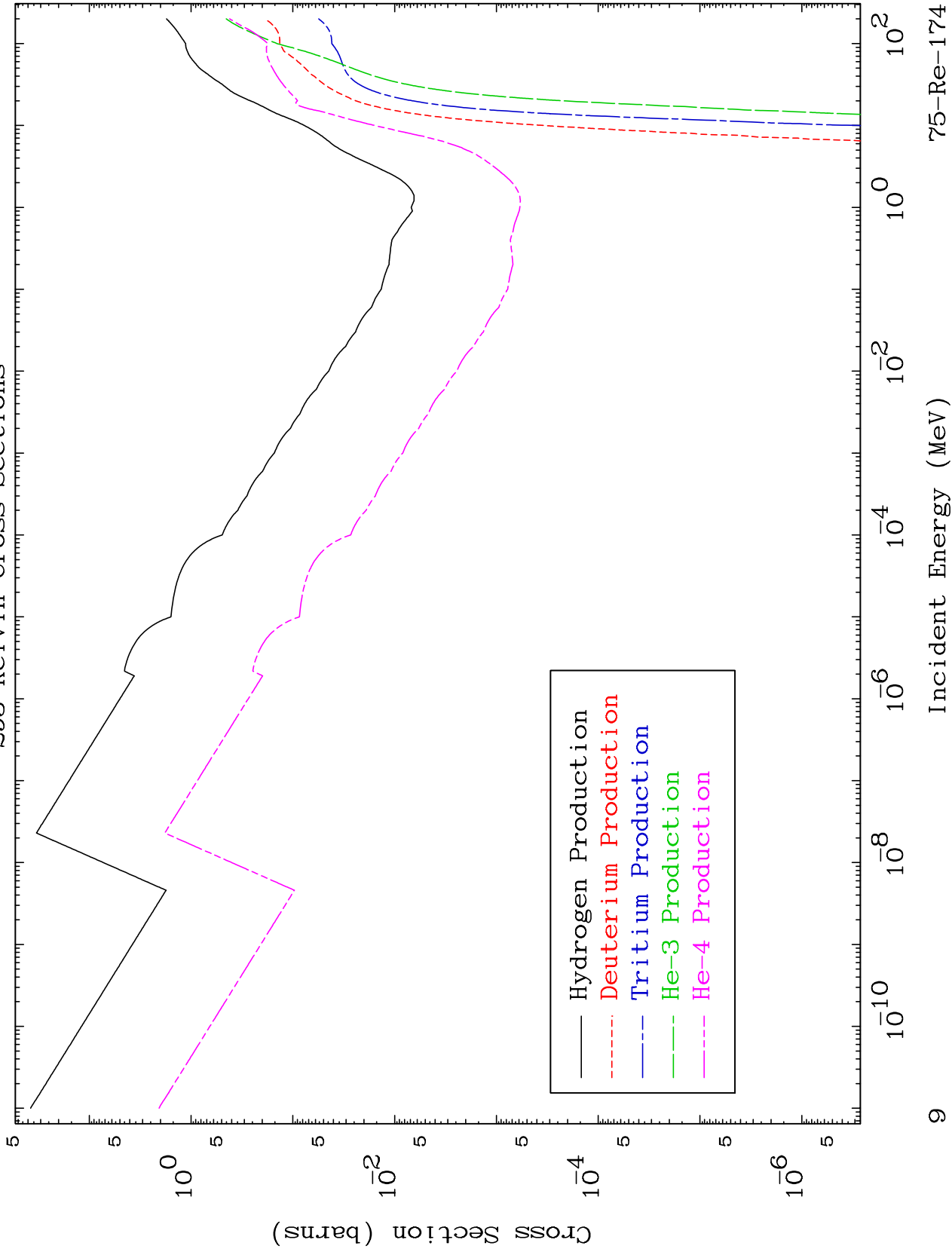
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MAT 7492

Particle Production  
293 Kelvin Cross Sections

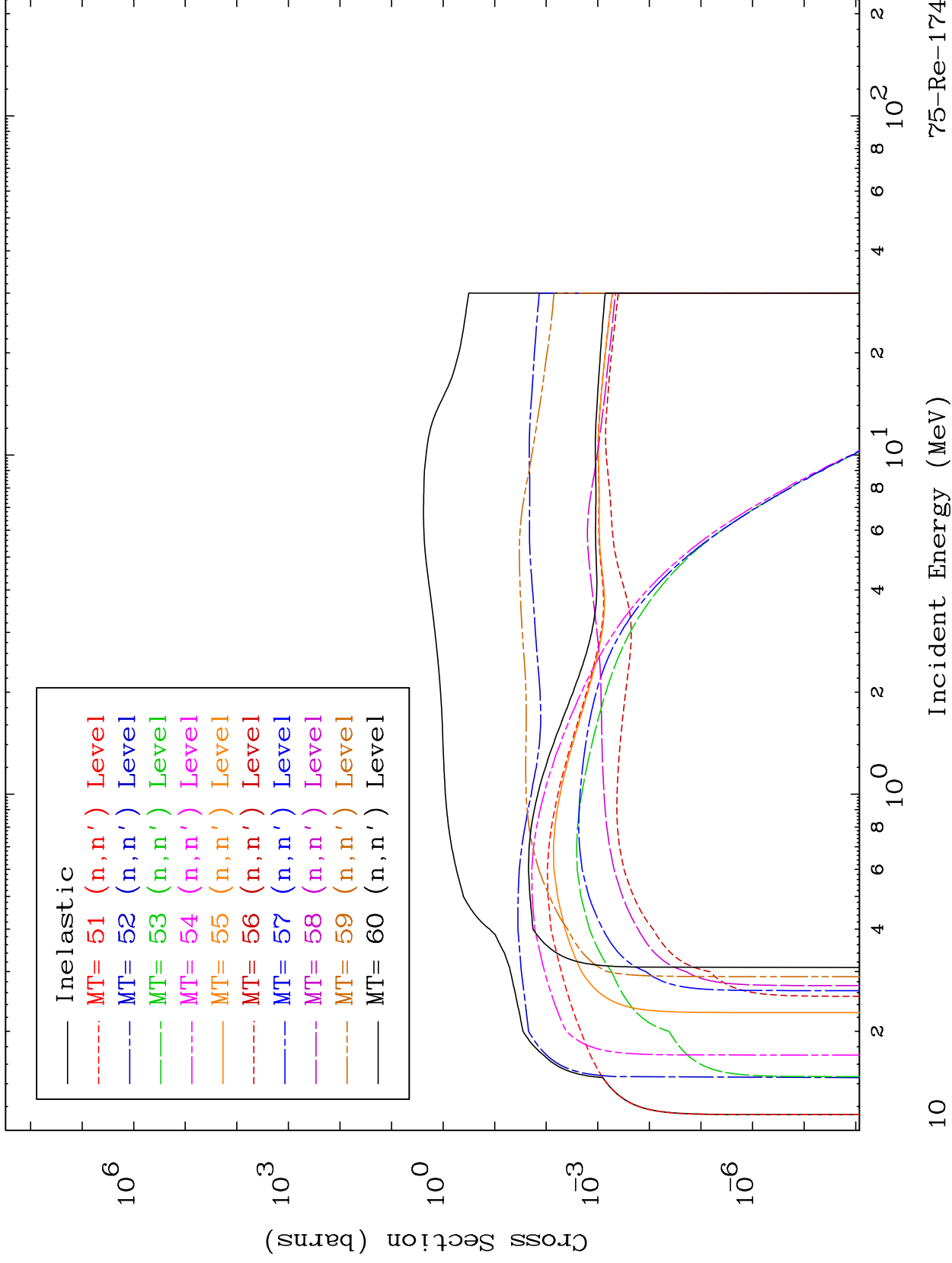
75-Re-174



MAT 7492

(n,n') Levels  
293 Kelvin Cross Sections

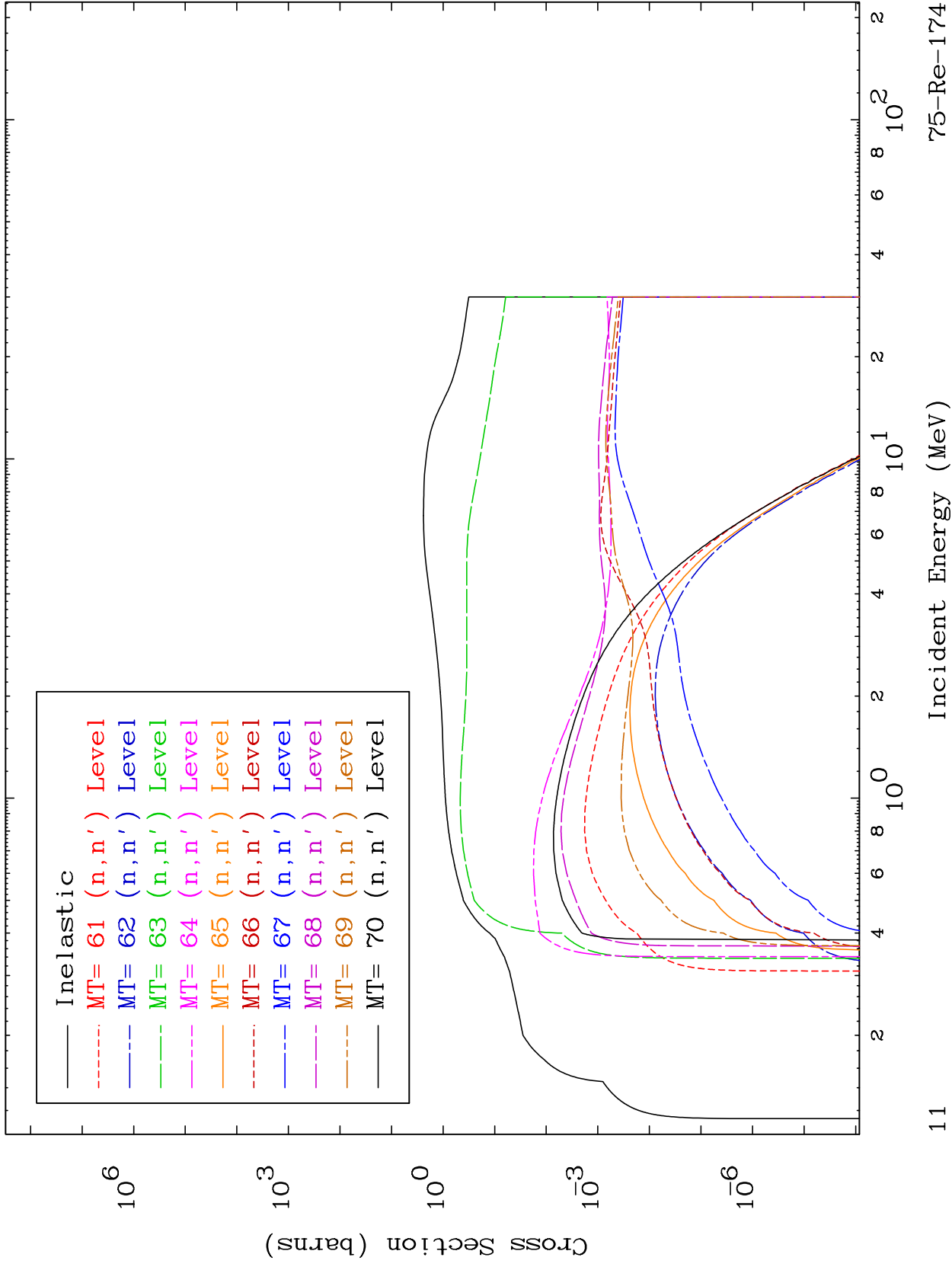
75-Re-174

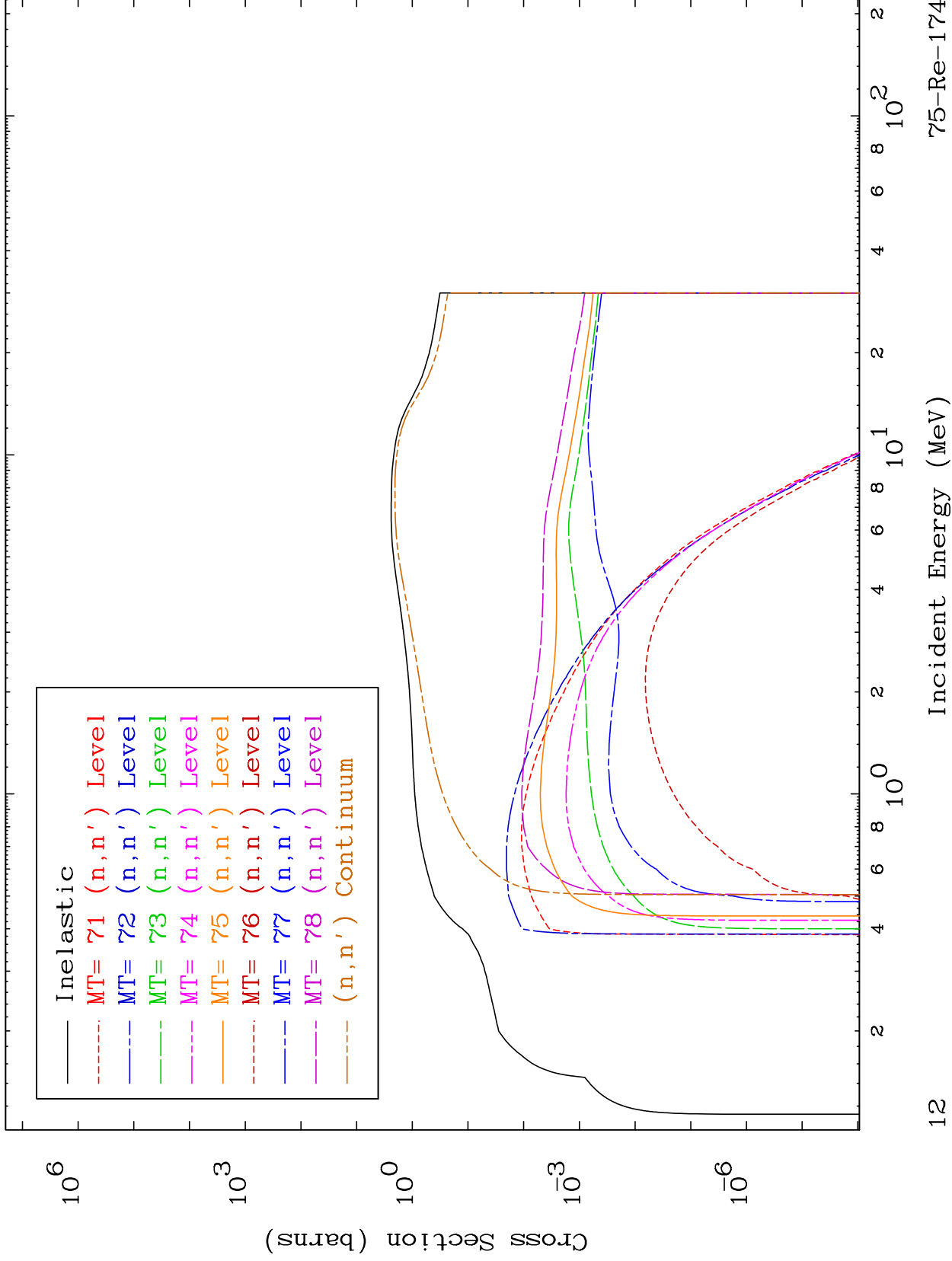


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Incident Energy (MeV)

75-Re-174

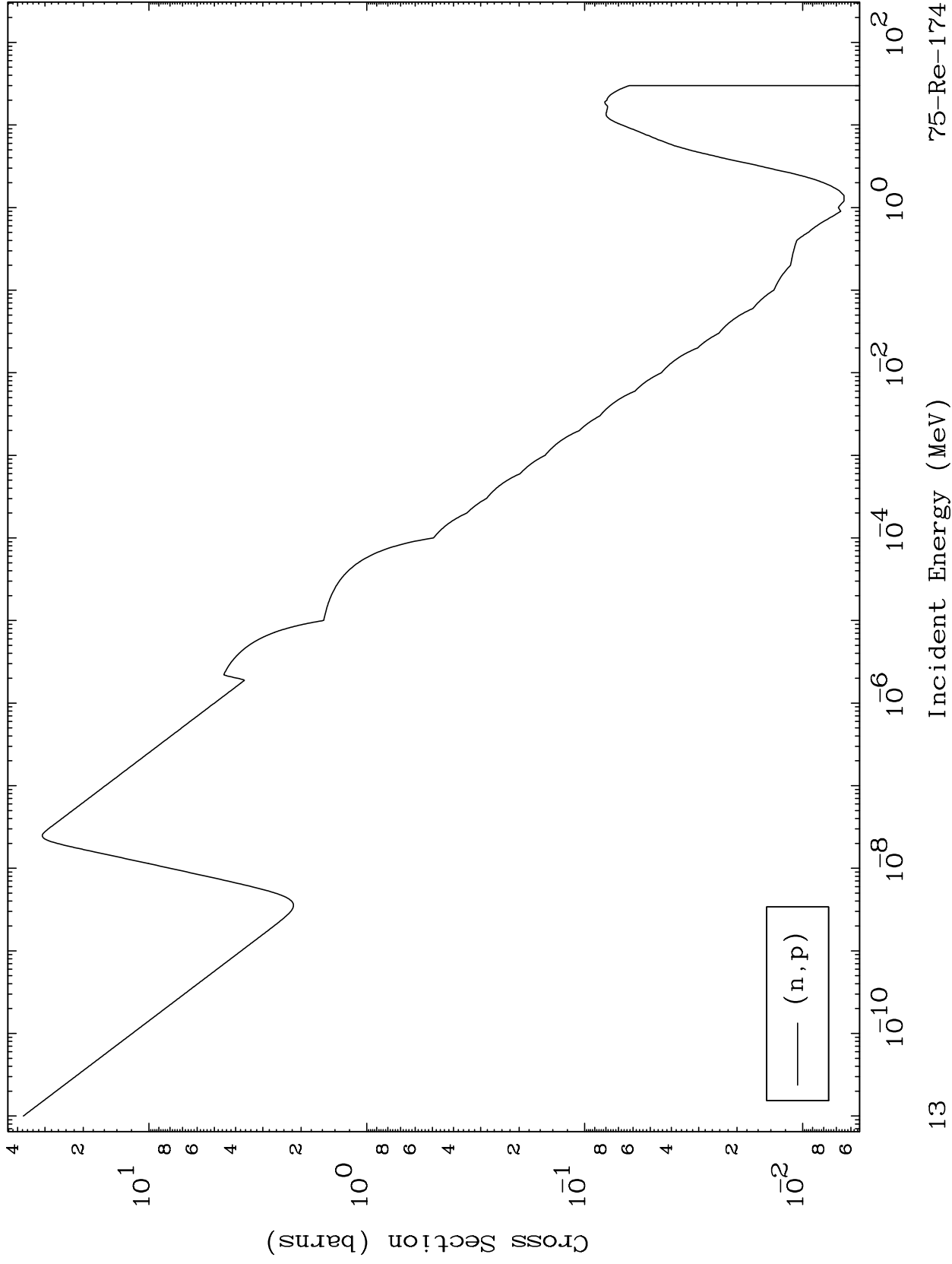




MAT 7492

(n,p) Levels  
293 Kelvin Cross Sections

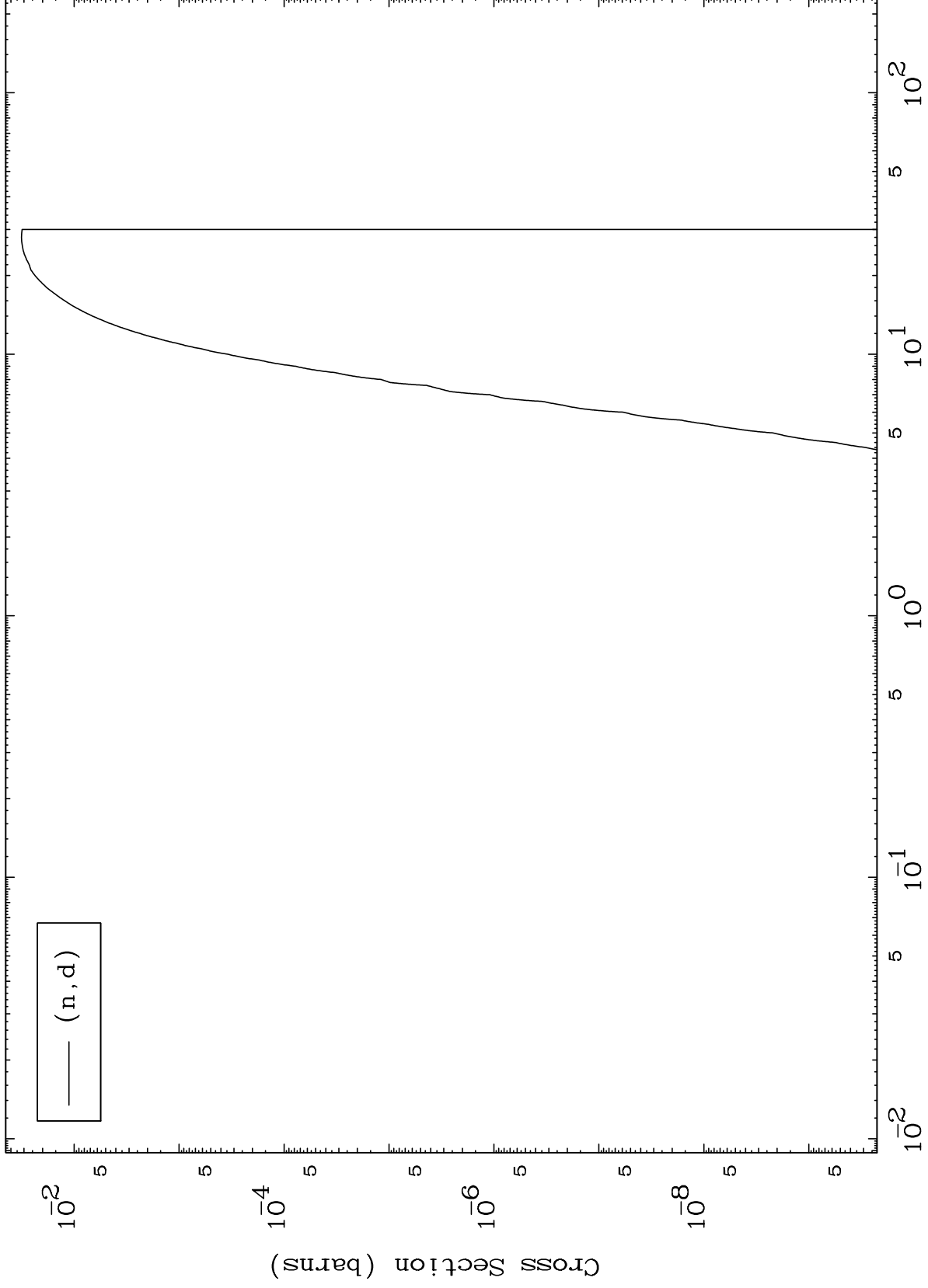
75-Re-174



MAT 7492

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-174



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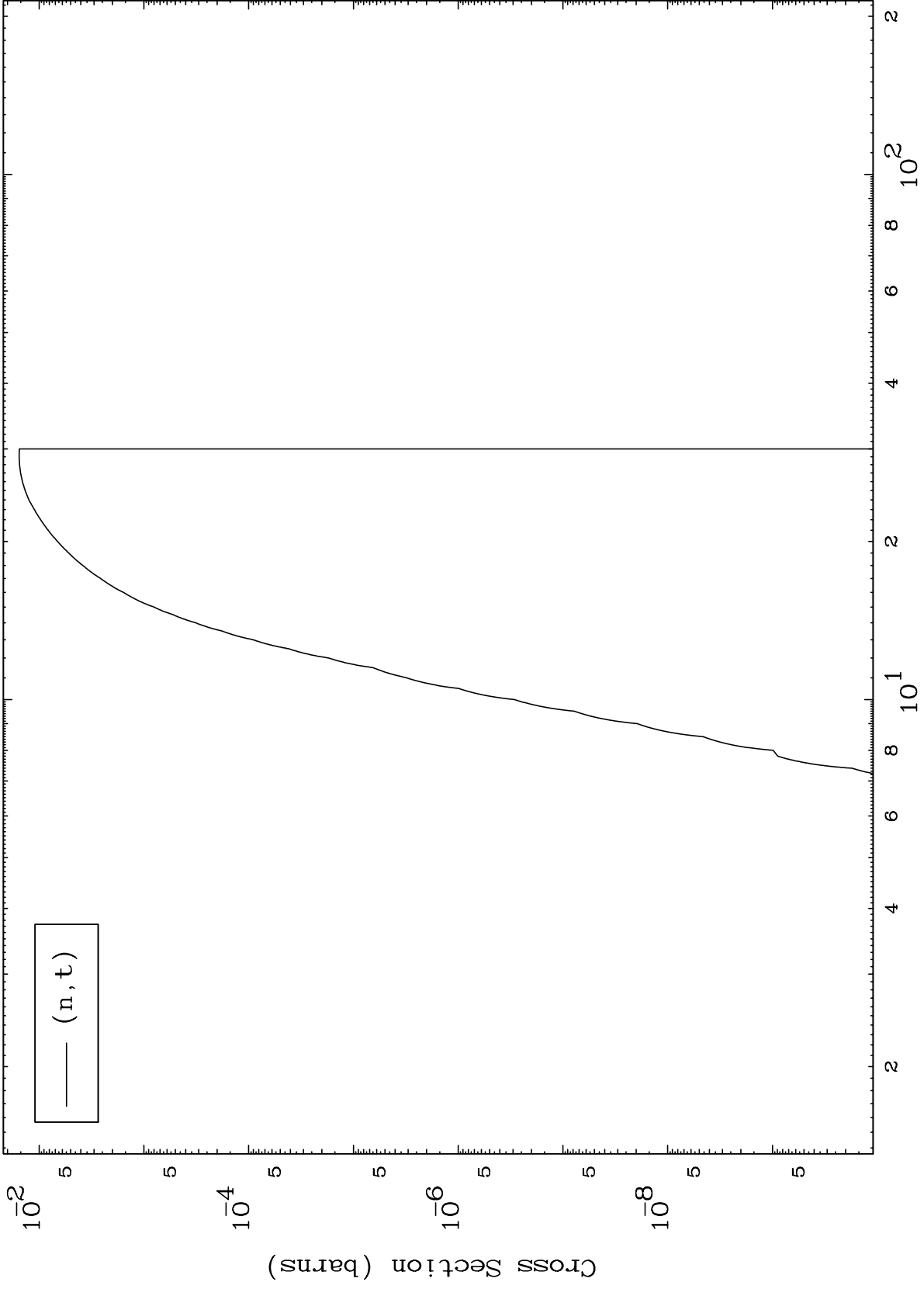
Incident Energy (MeV)

75-Re-174

MAT 7492

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-174



15

Incident Energy (MeV)

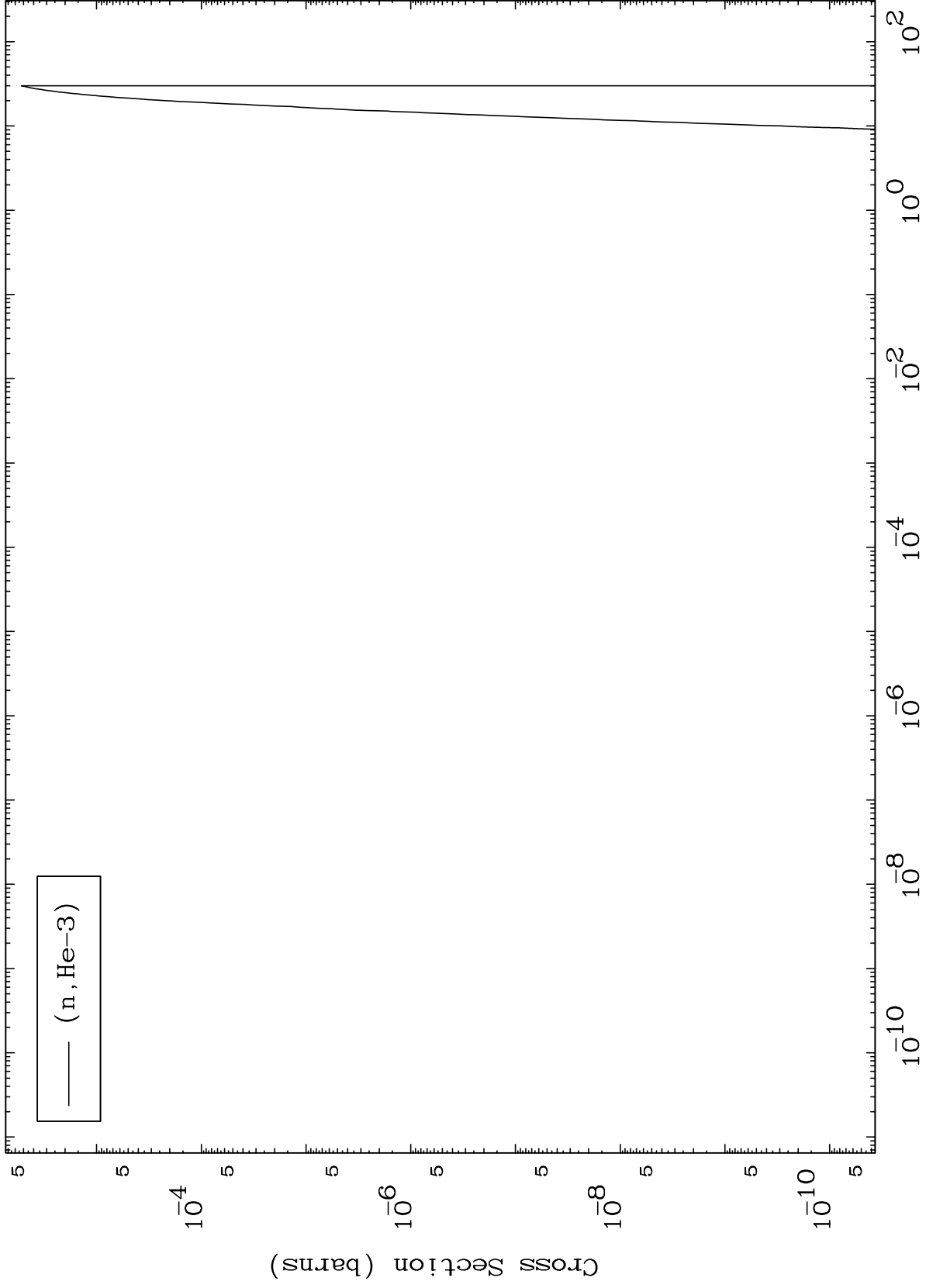
75-Re-174



MAT 7492

(n,He3) Levels  
293 Kelvin Cross Sections

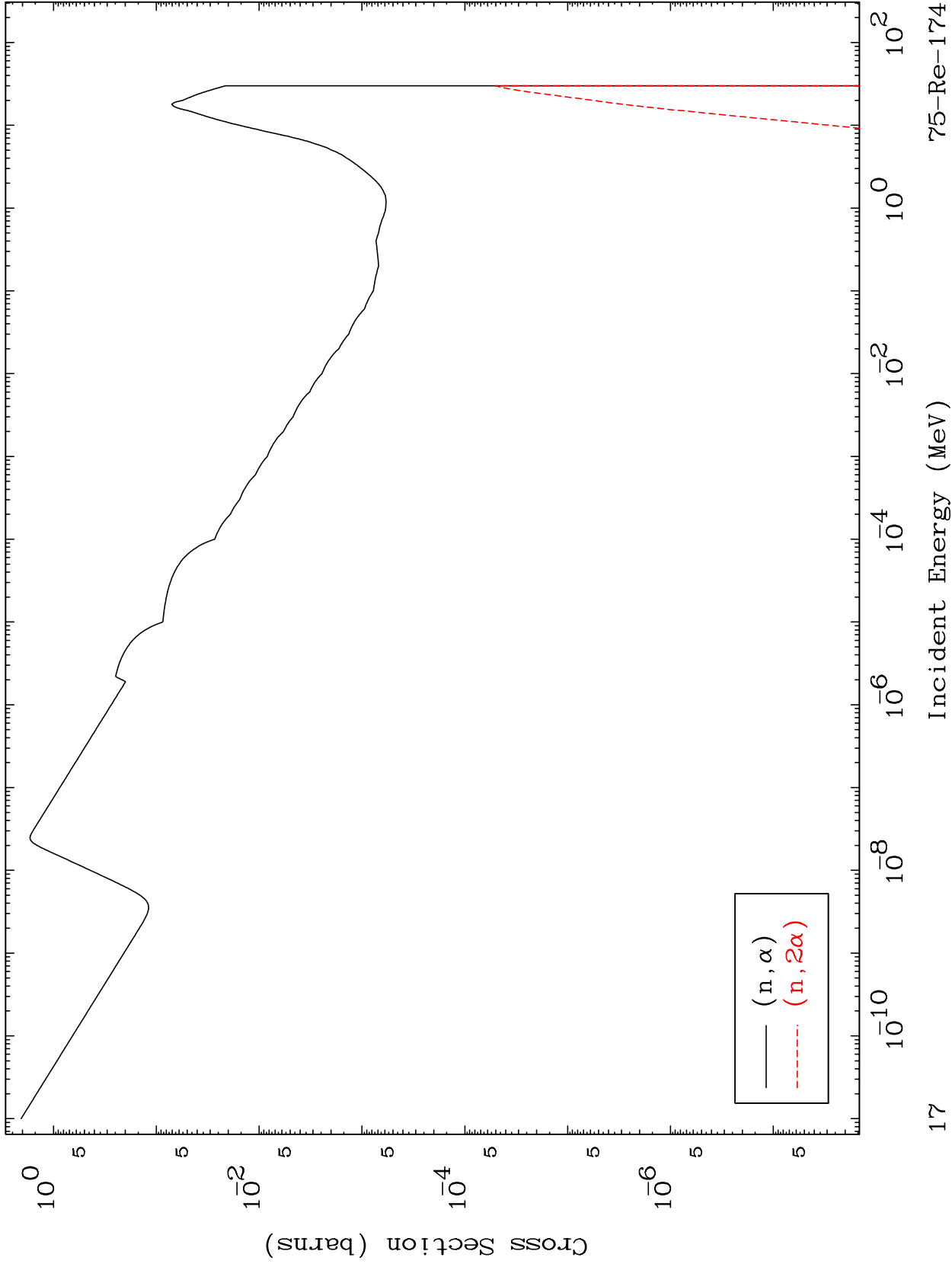
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MAT 7492

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

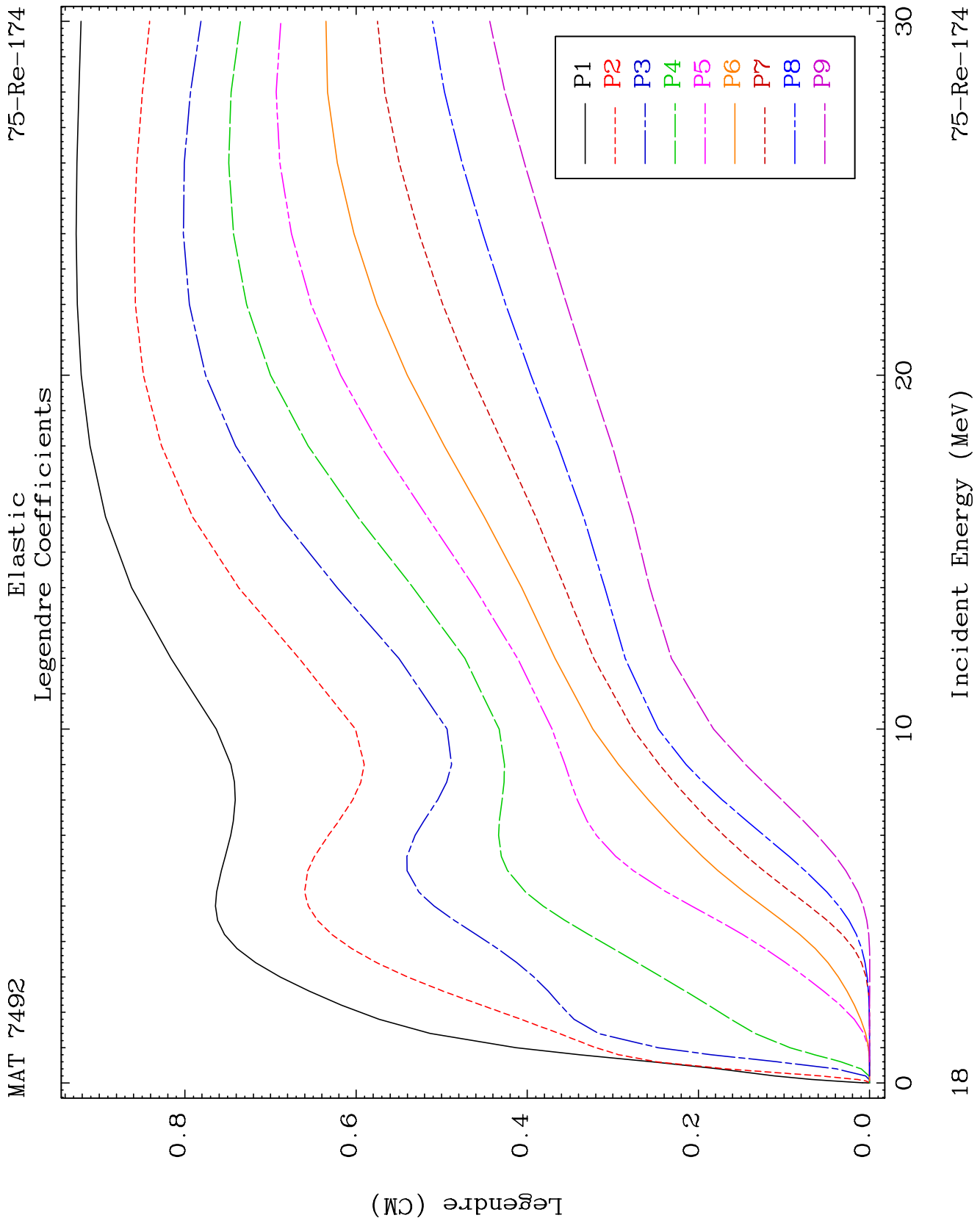
75-Re-174



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Incident Energy (MeV)

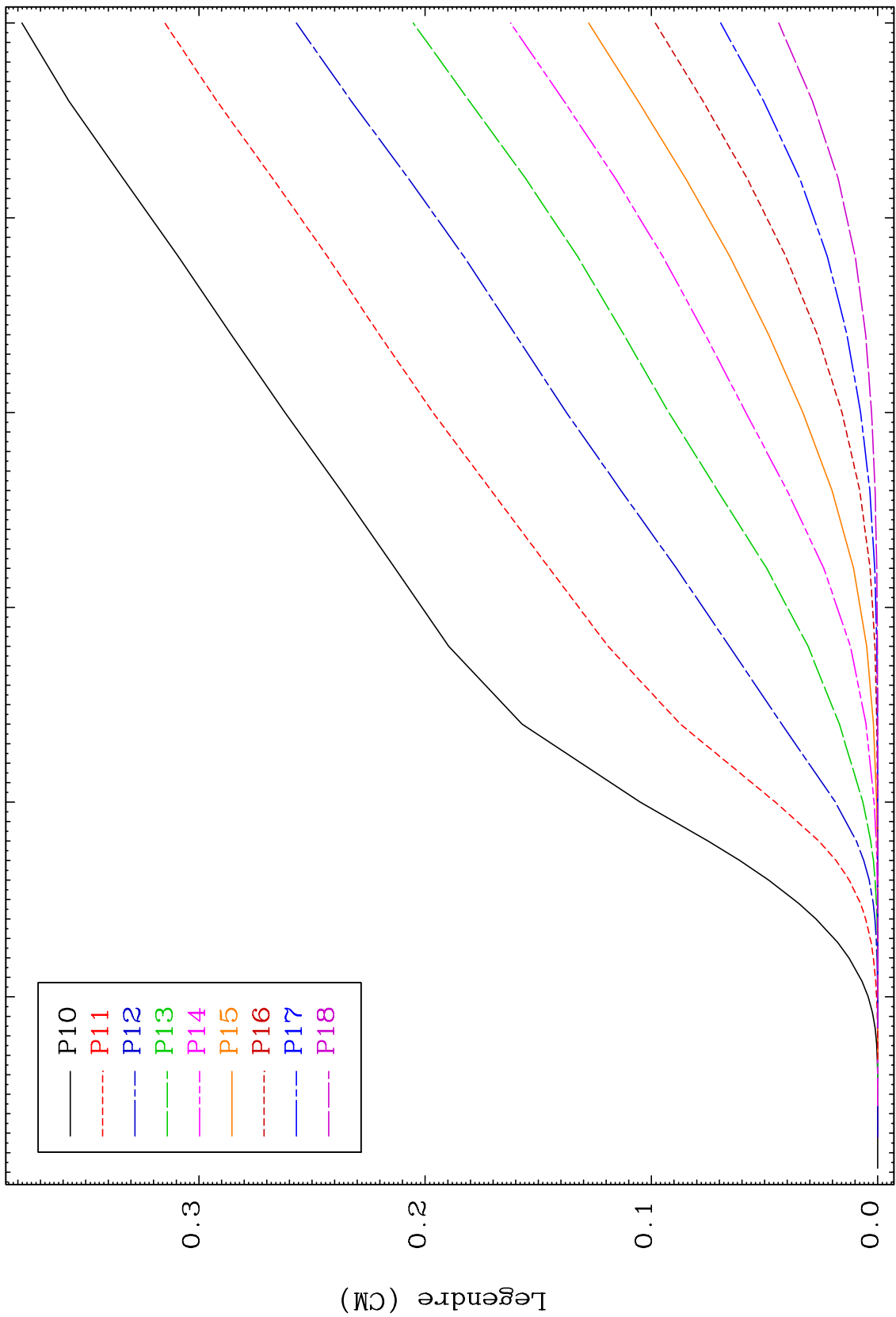
75-Re-174



MAT 7492

Elastic Legendre Coefficients

75-Re-174



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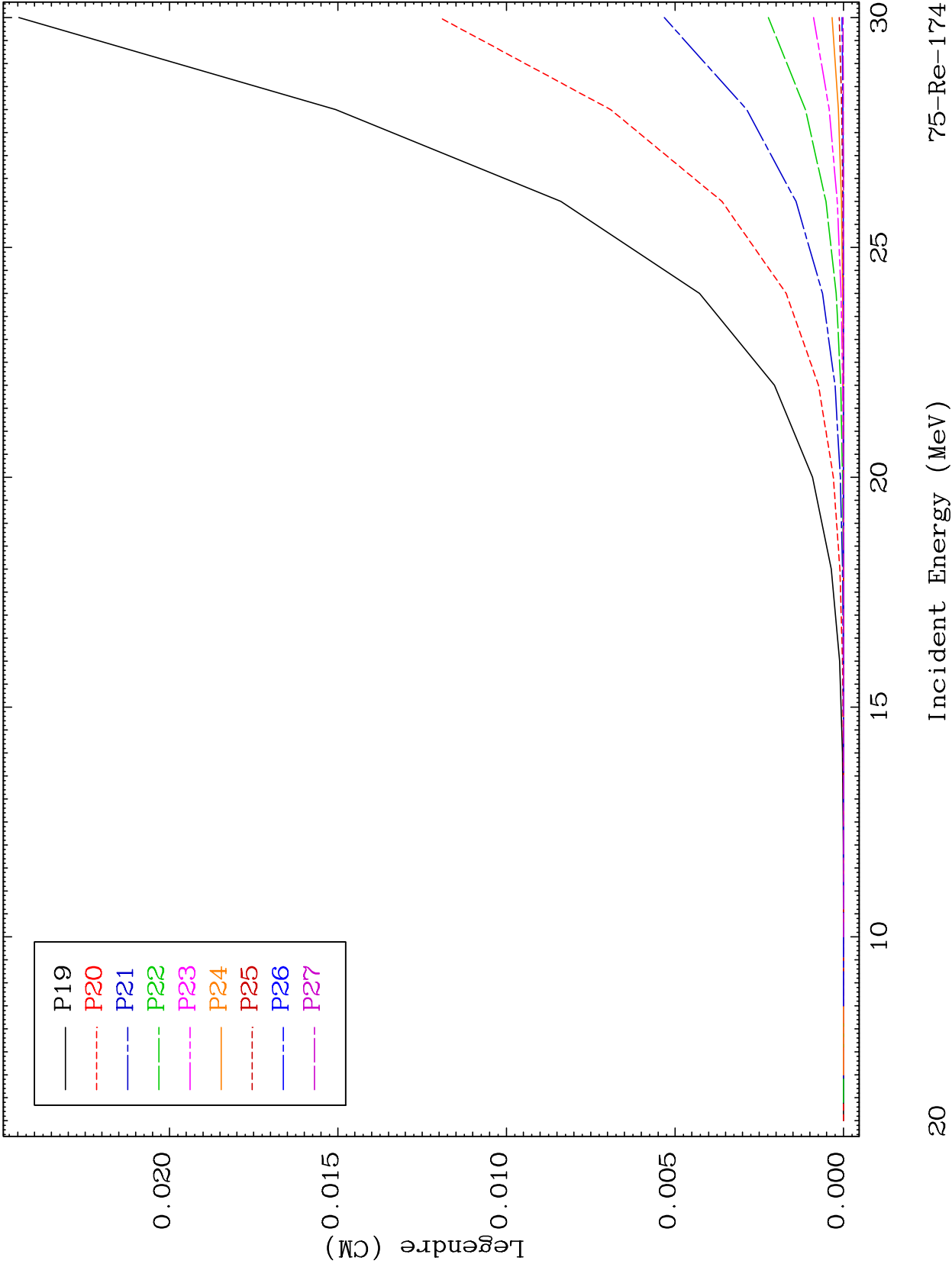
Incident Energy (MeV)

75-Re-174

MAT 7492

### Elastic Legendre Coefficients

75-Re-174



20

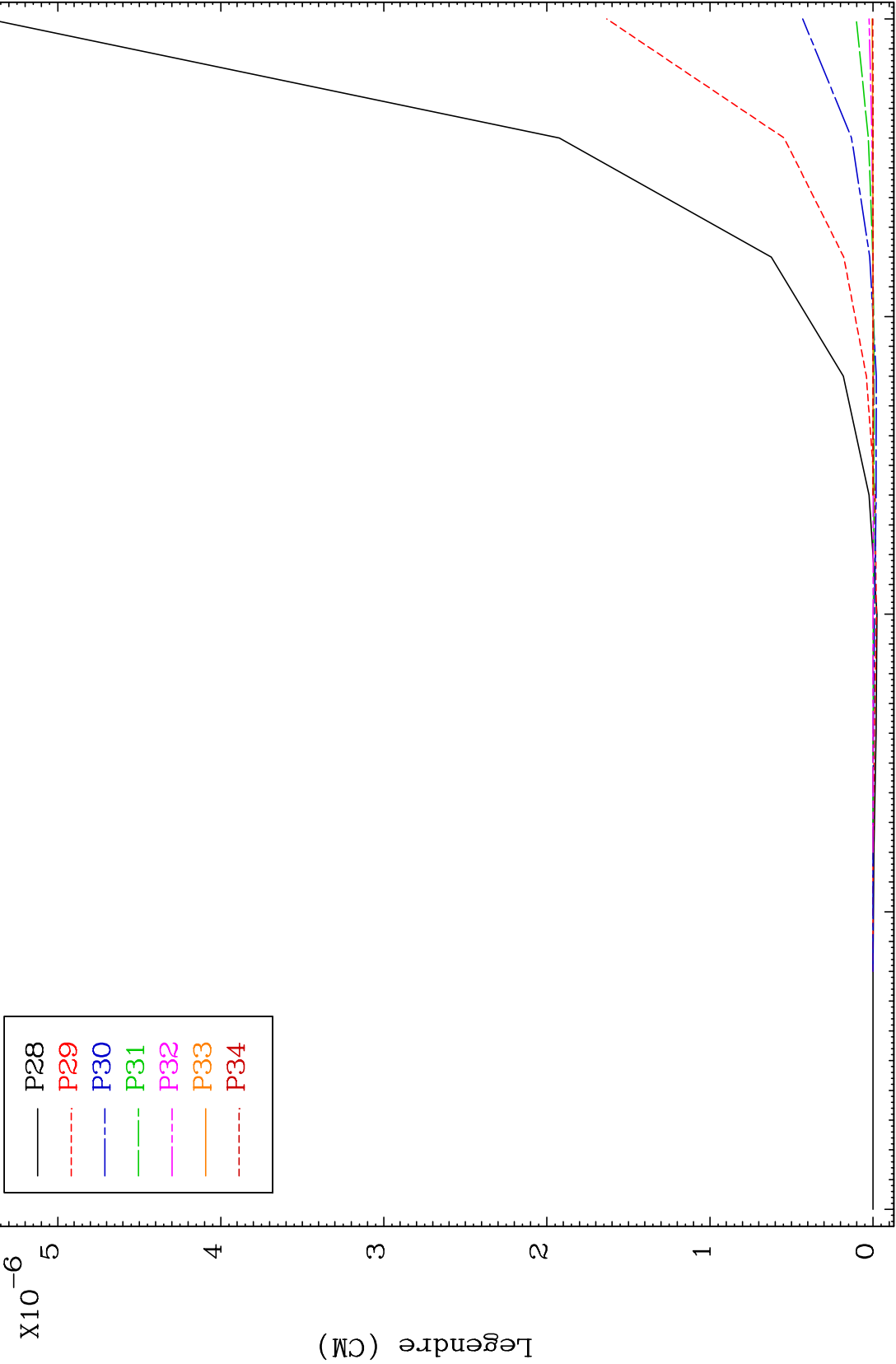
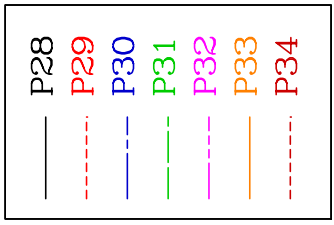
Incident Energy (MeV)

75-Re-174

MAT 7492

Elastic Legendre Coefficients

75-Re-174



30

25

20

15

10

Incident Energy (MeV)

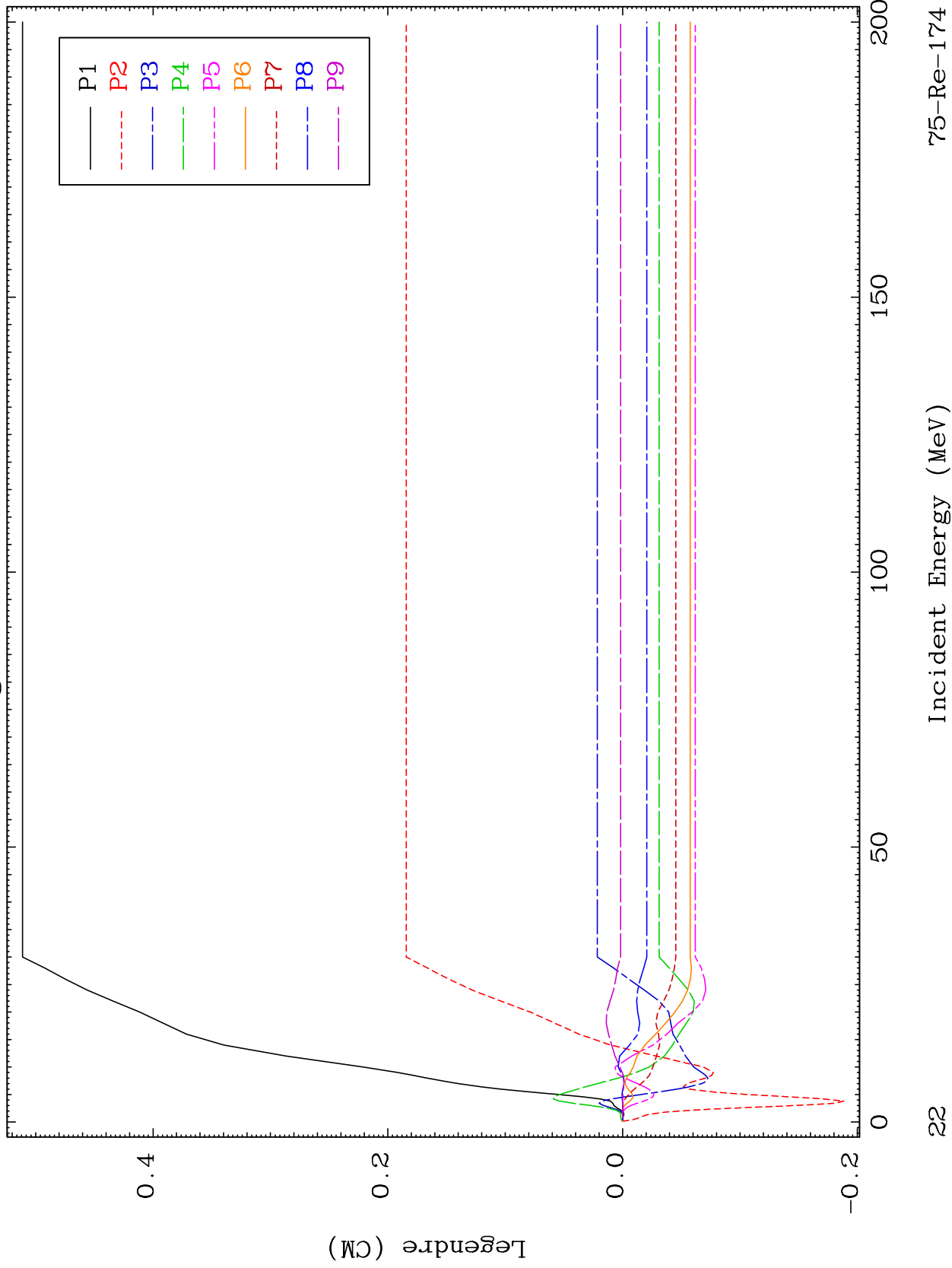
75-Re-174

21

MAT 7492

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

75-Re-174



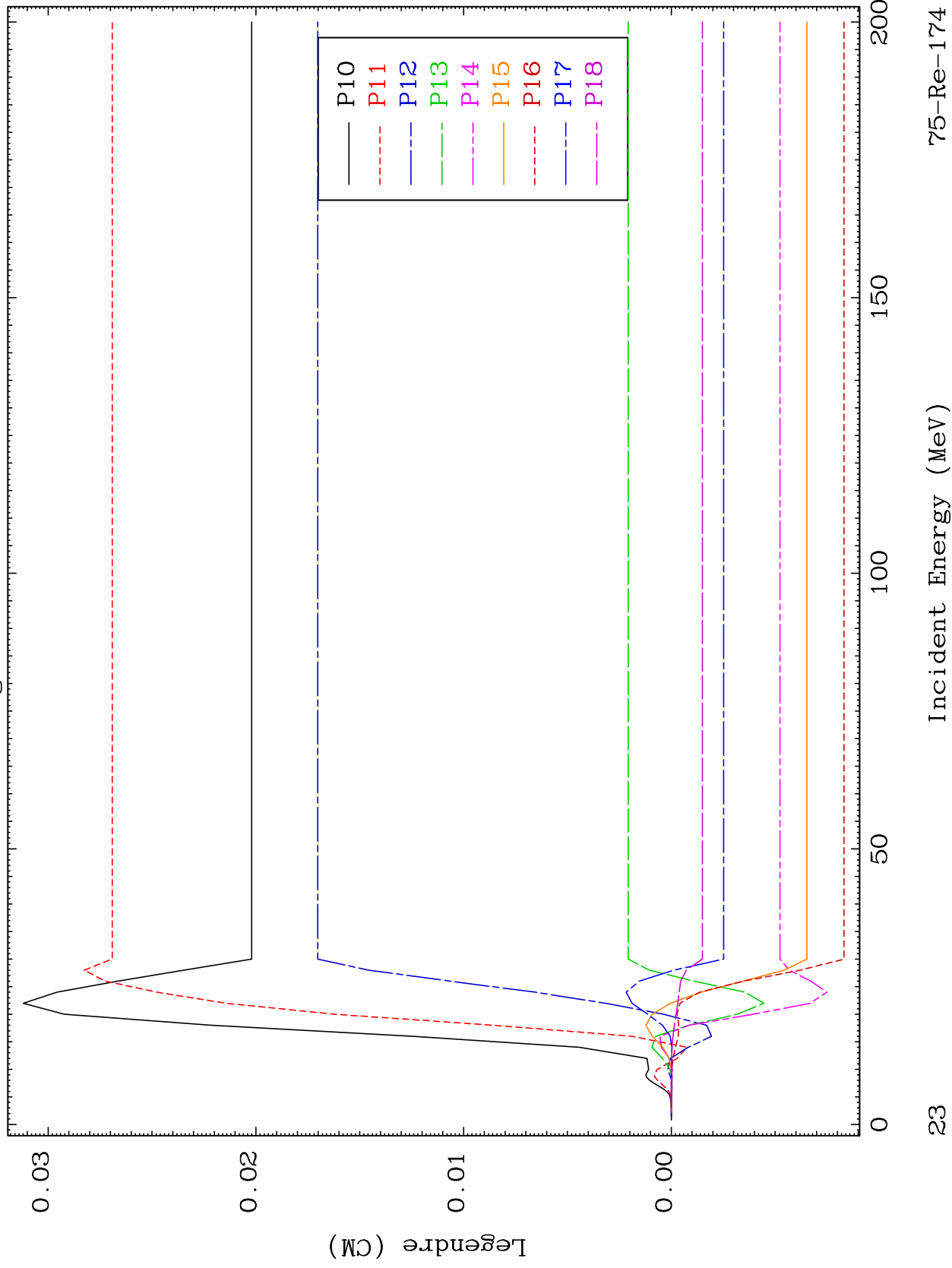
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75-Re-174

MAT 7492

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

75-Re-174



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Incident Energy (MeV)

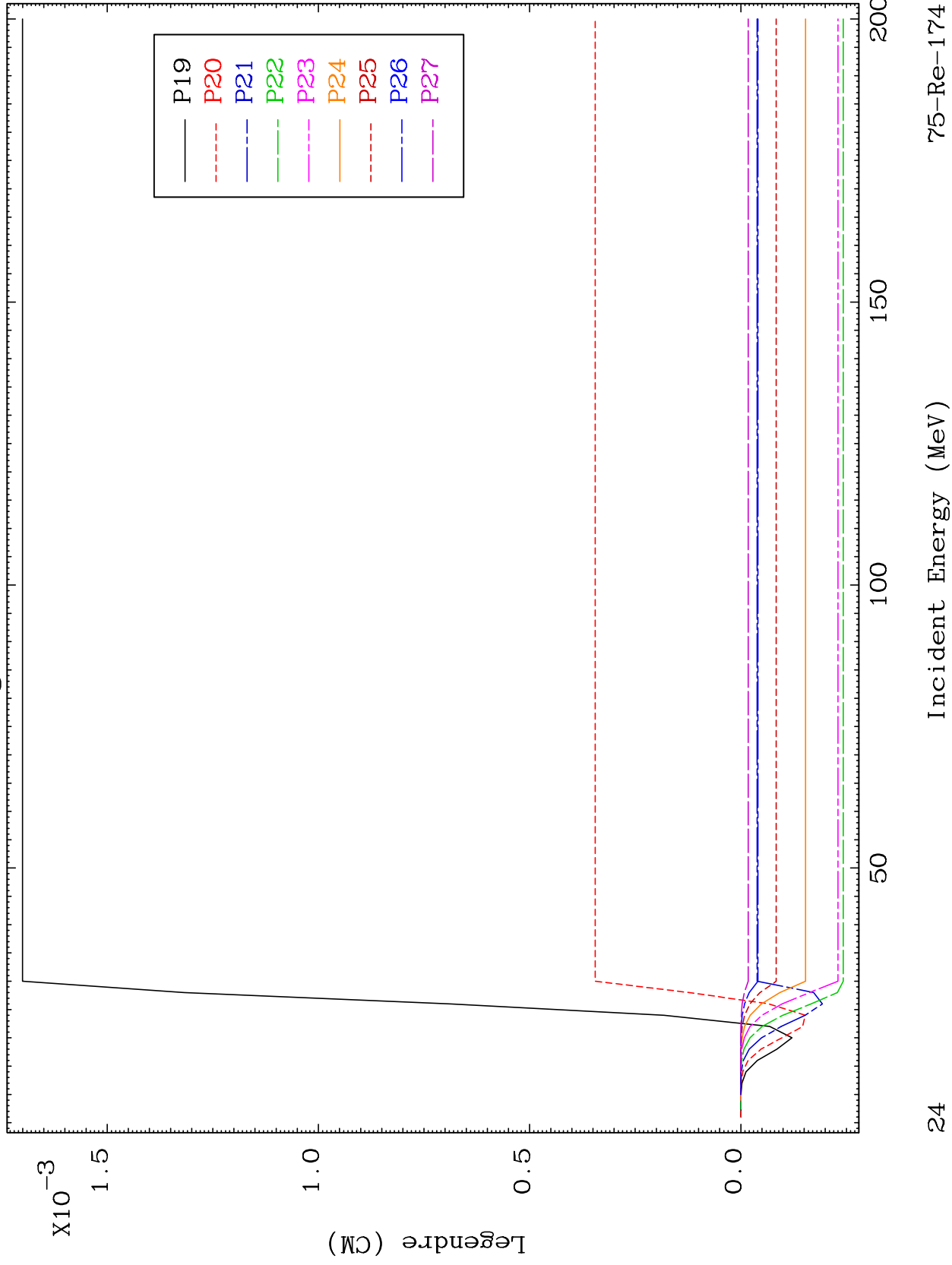
75-Re-174



MAT 7492

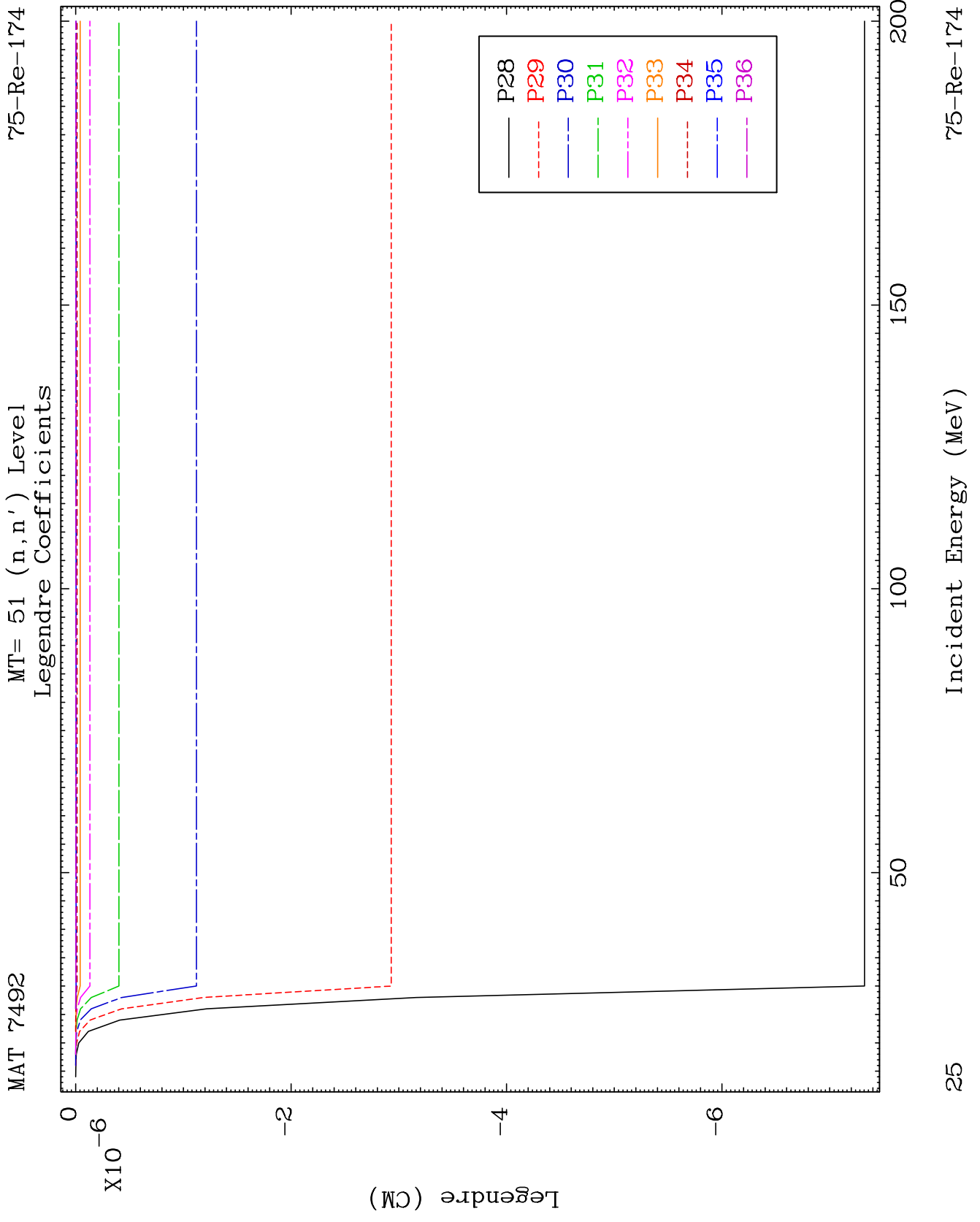
MT= 51 (n,n') Level  
Legendre Coefficients

75-Re-174



24

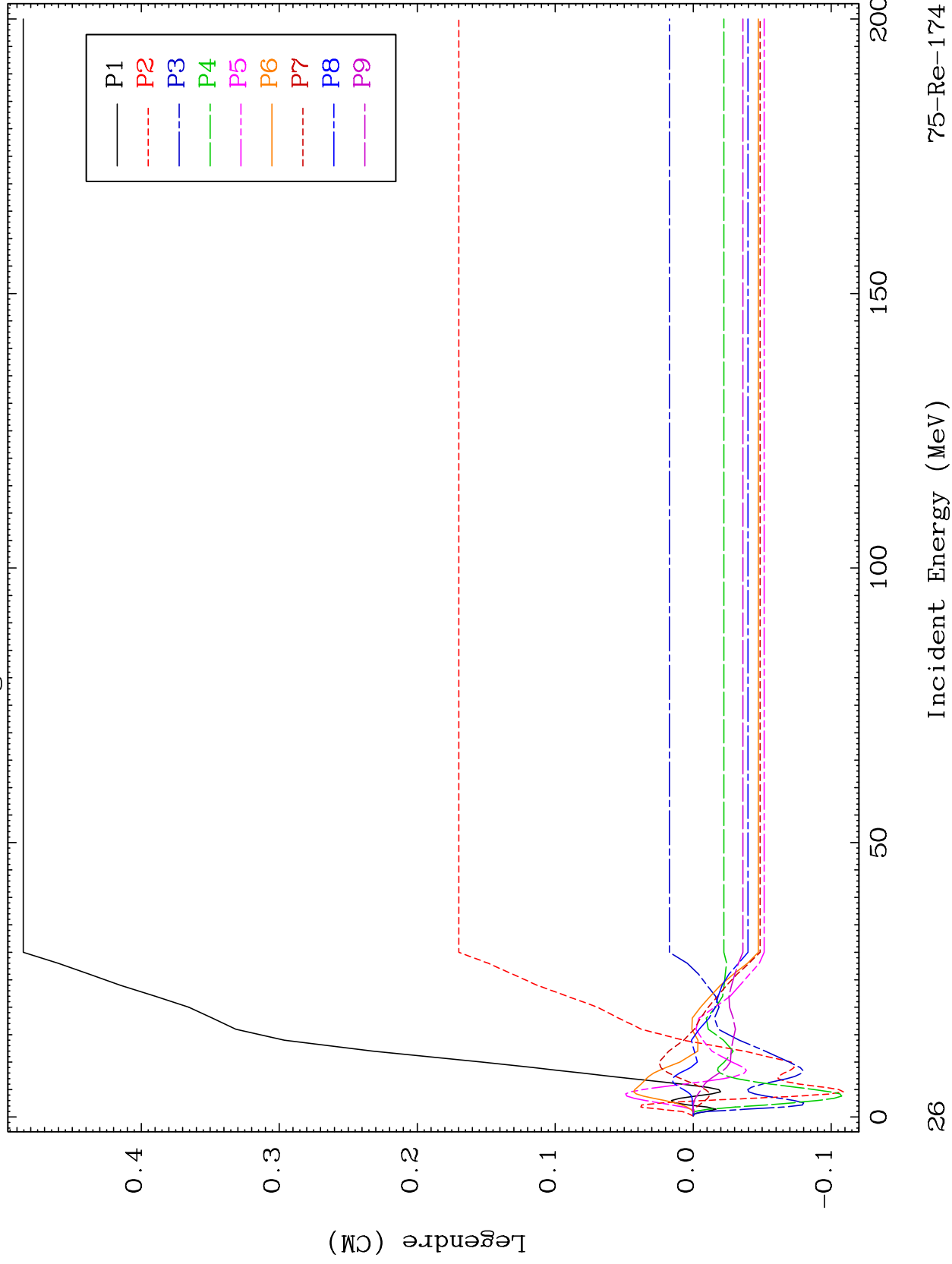
75-Re-174



MAT 7492

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

75-Re-174



75-Re-174

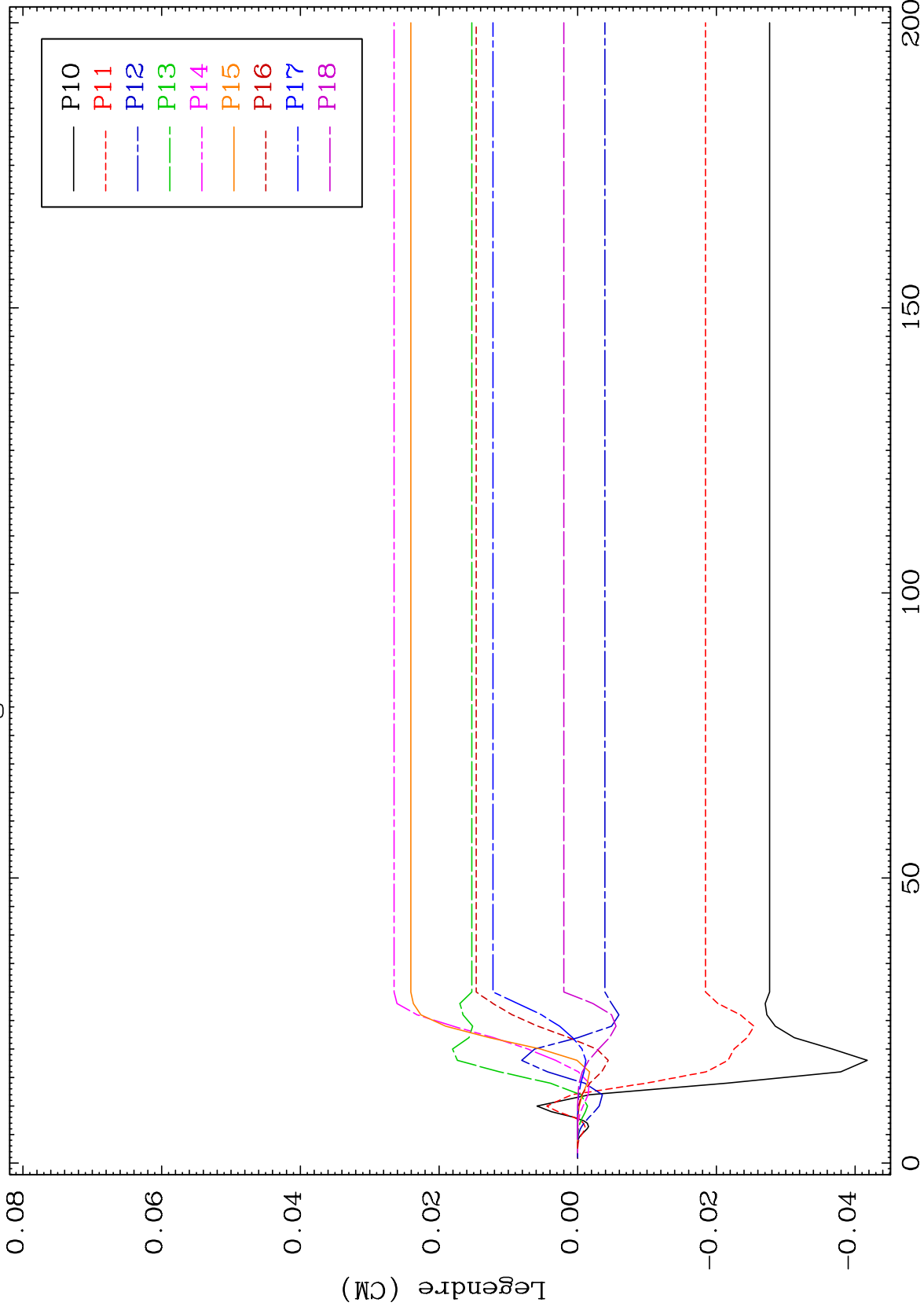
Incident Energy (MeV)

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MAT 7492

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

75-Re-174



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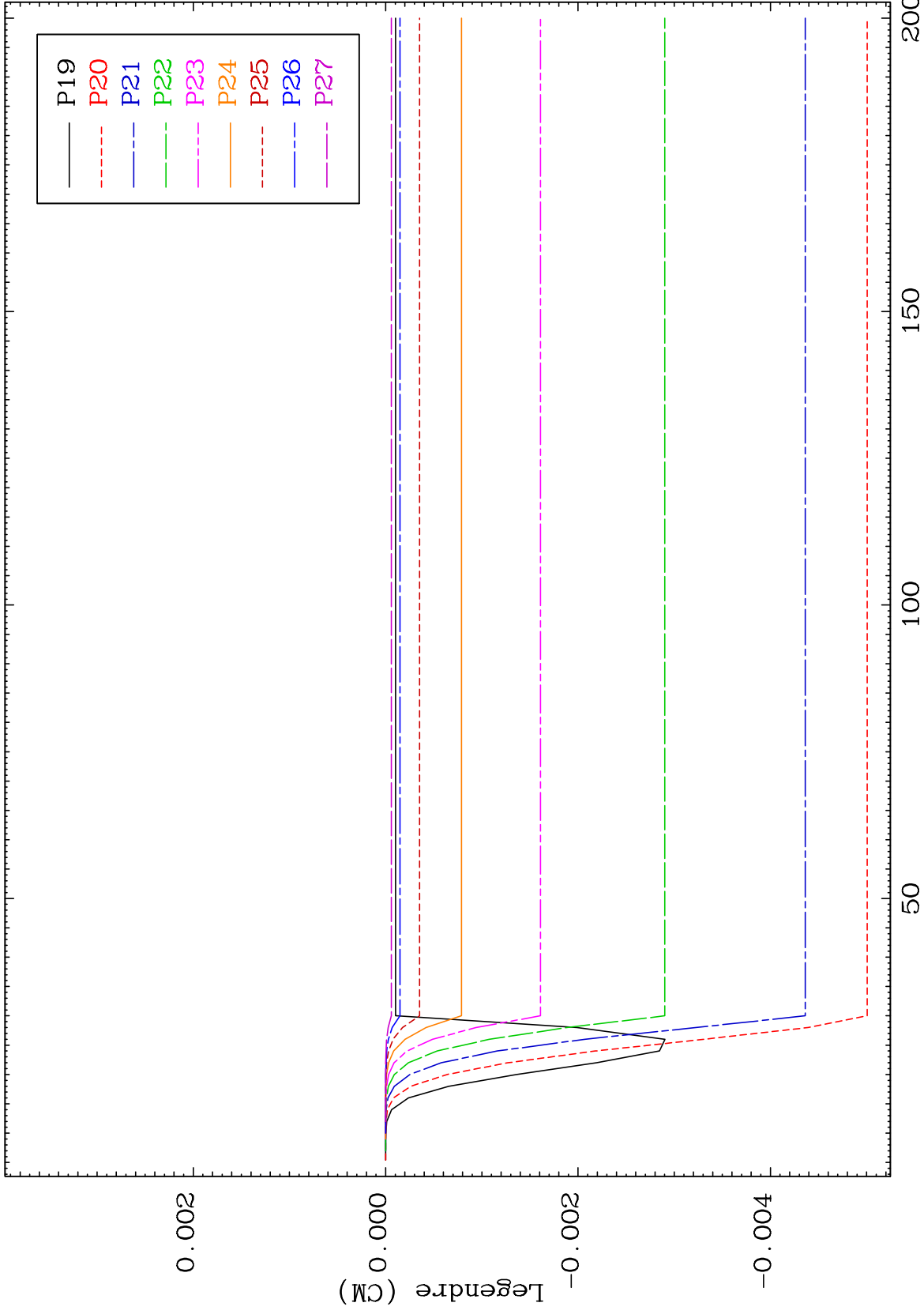
Incident Energy (MeV)

75-Re-174

MAT 7492

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

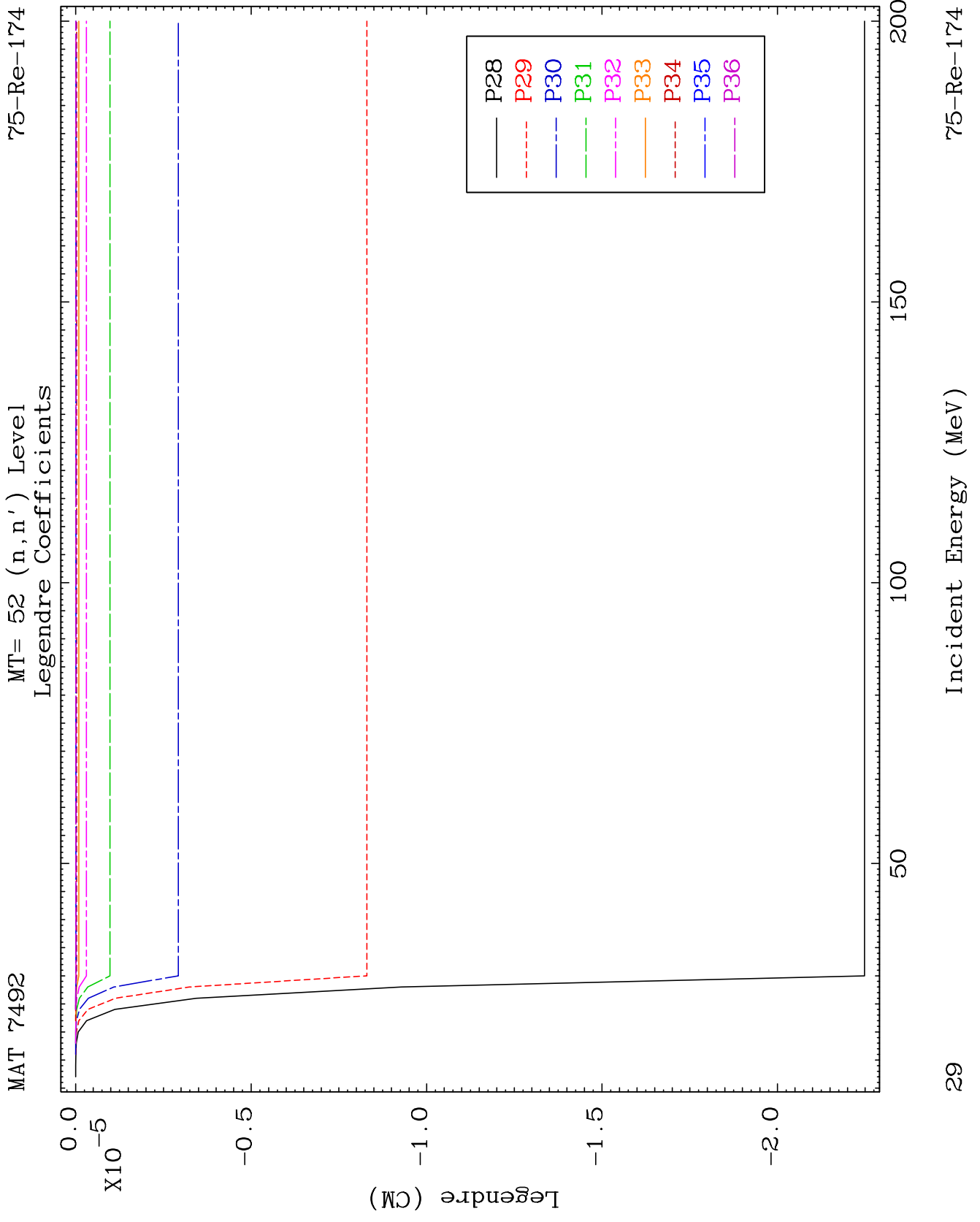
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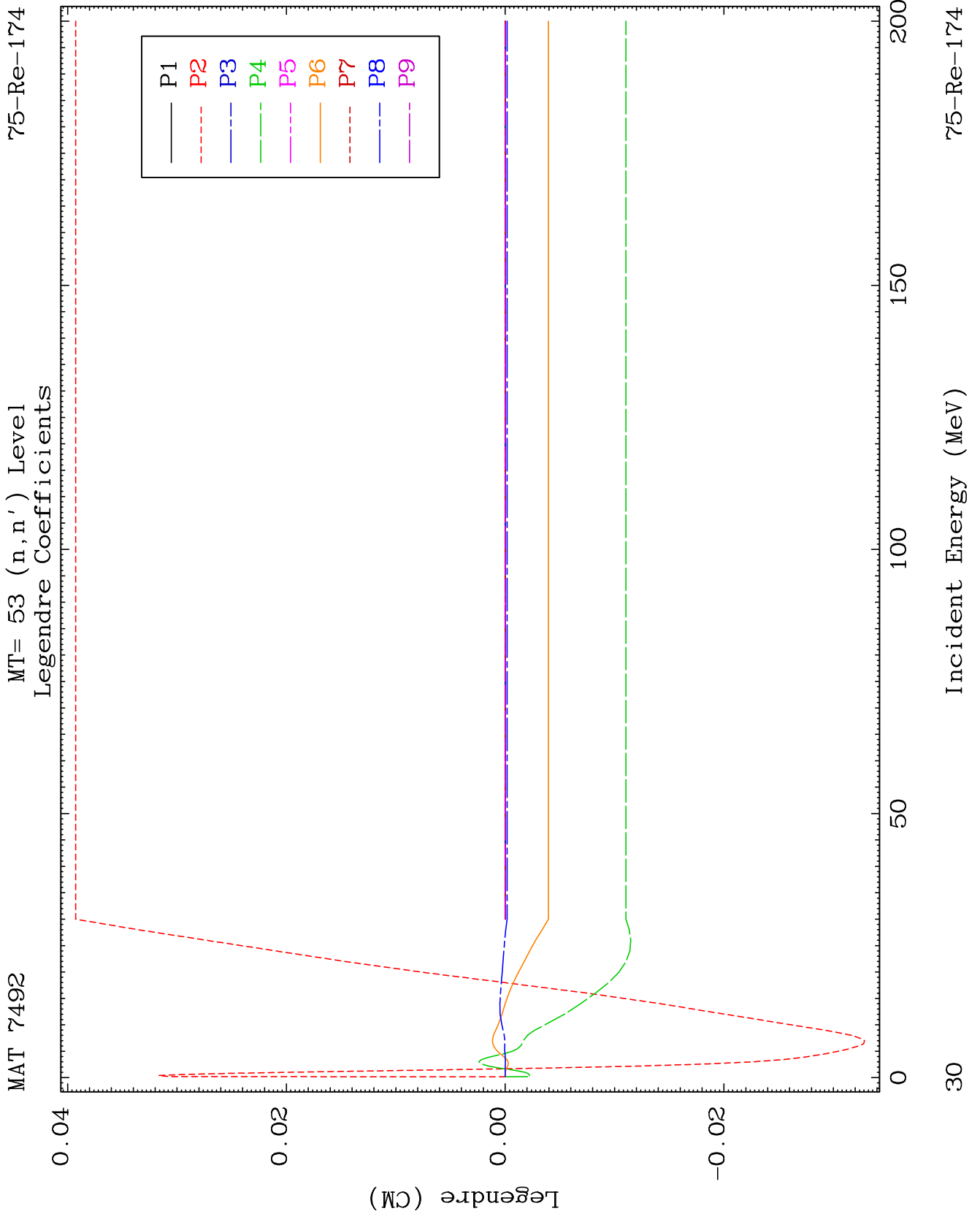


28

Incident Energy (MeV)

75-Re-174

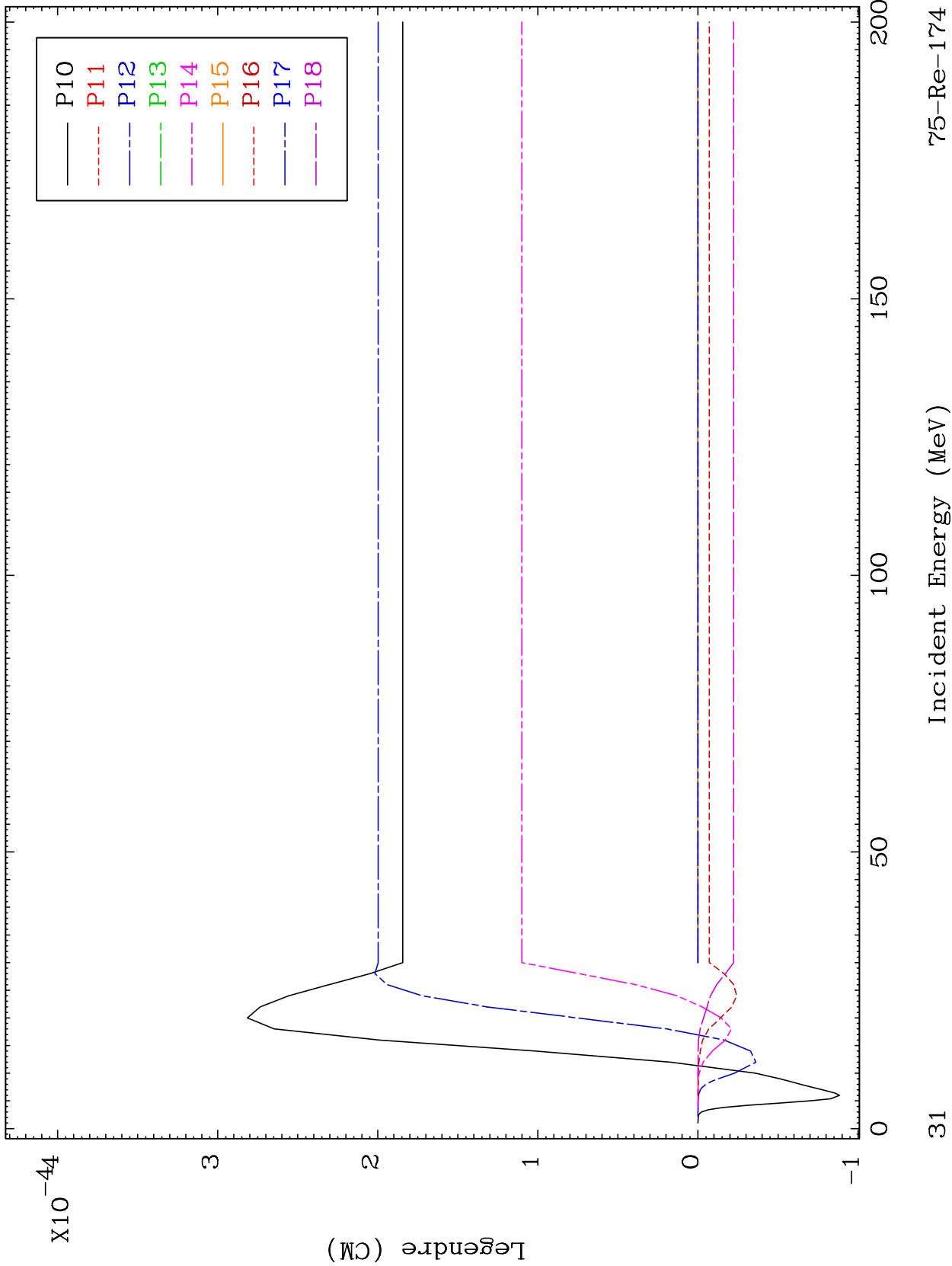




MAT 7492

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

75-Re-174



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Incident Energy (MeV)

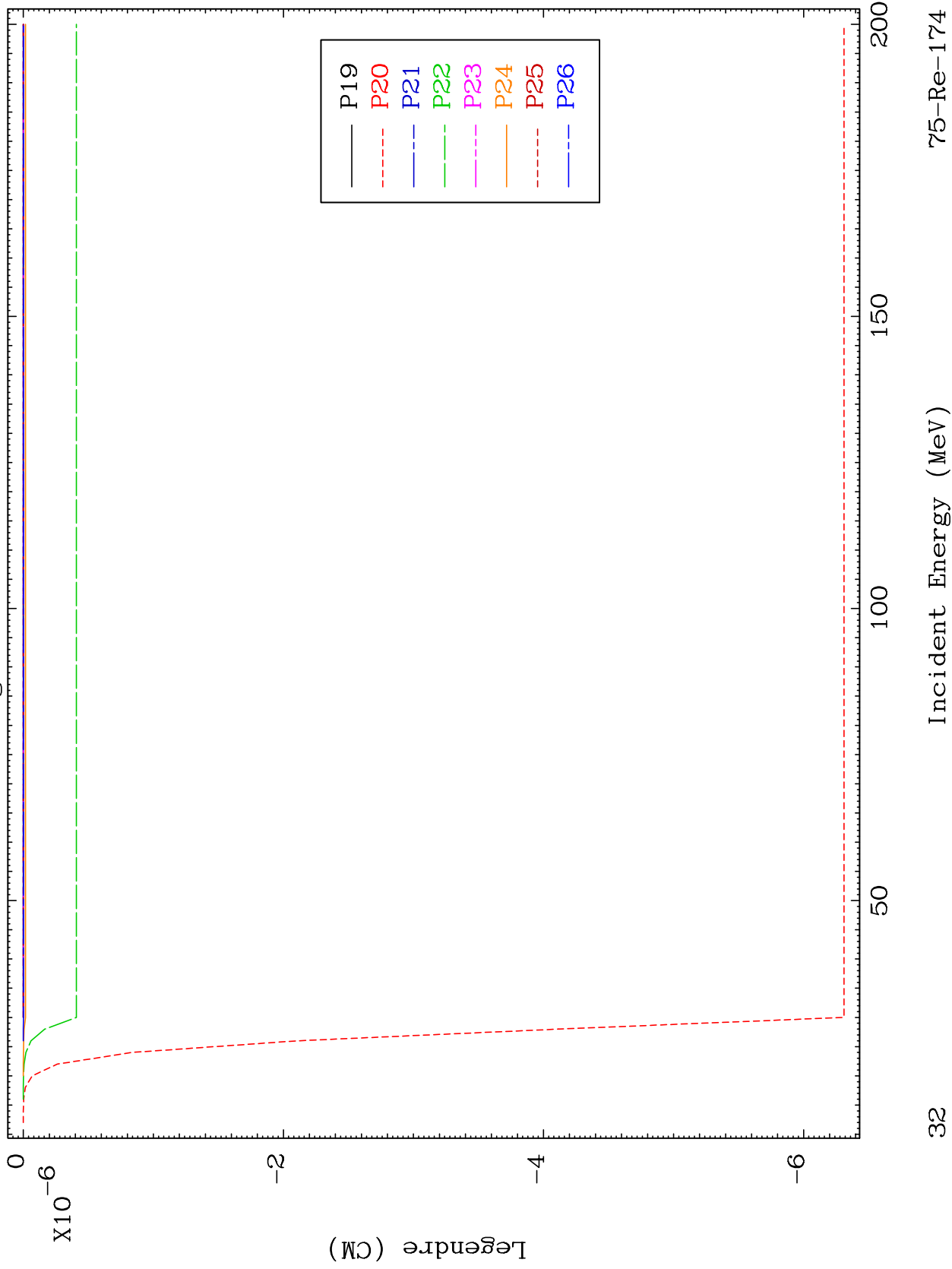
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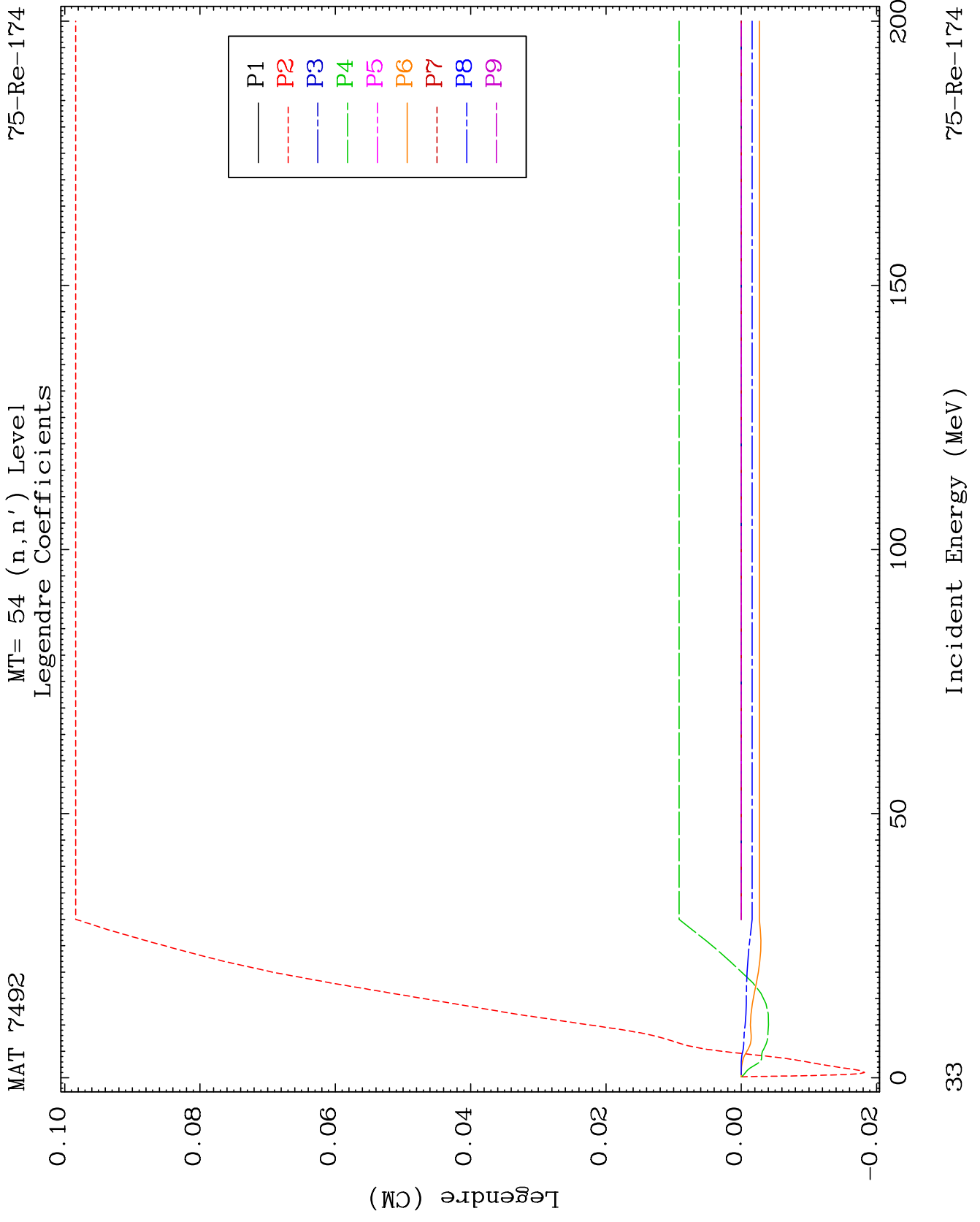


MAT 7492

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

75-Re-174

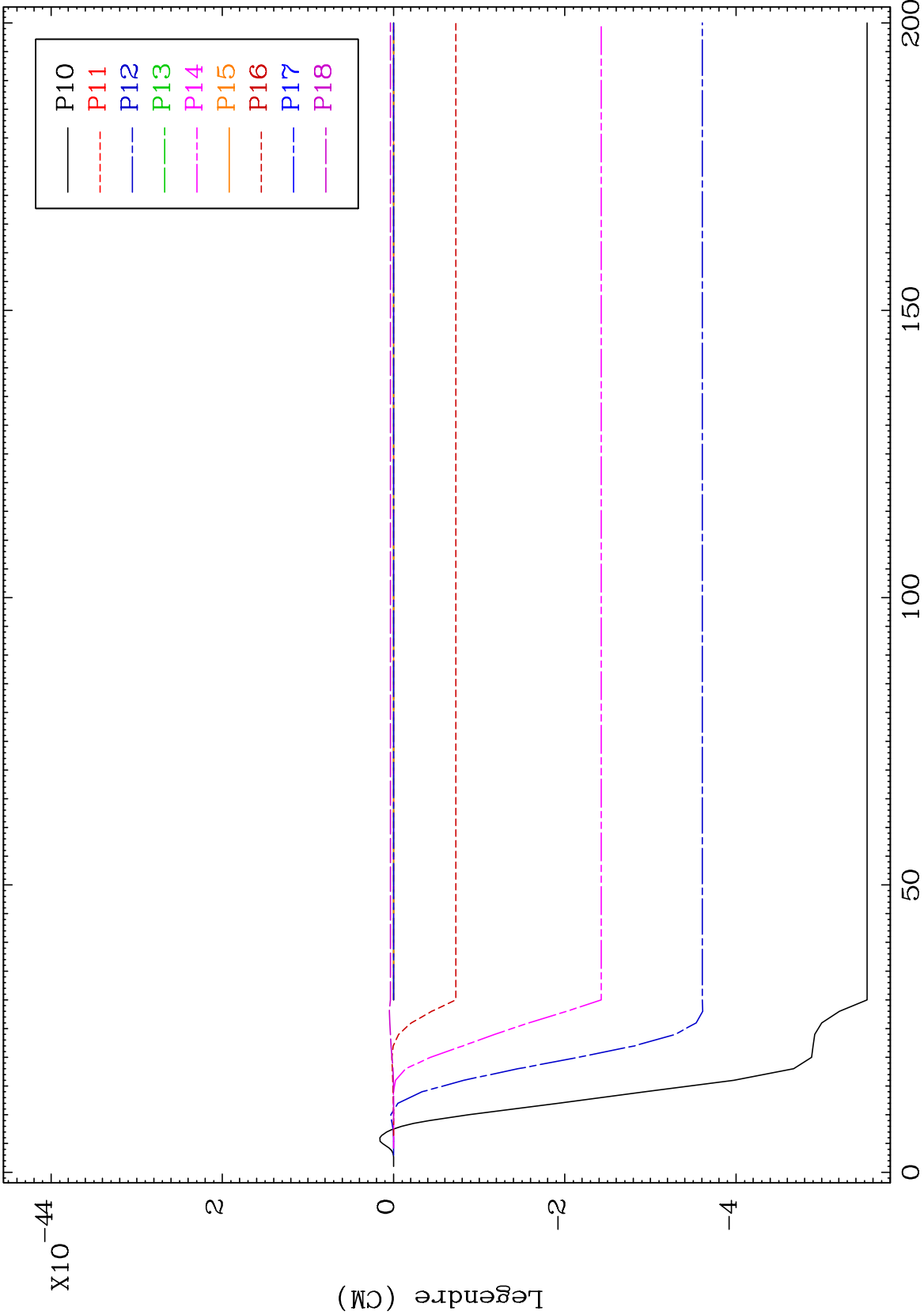




MAT 7492

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

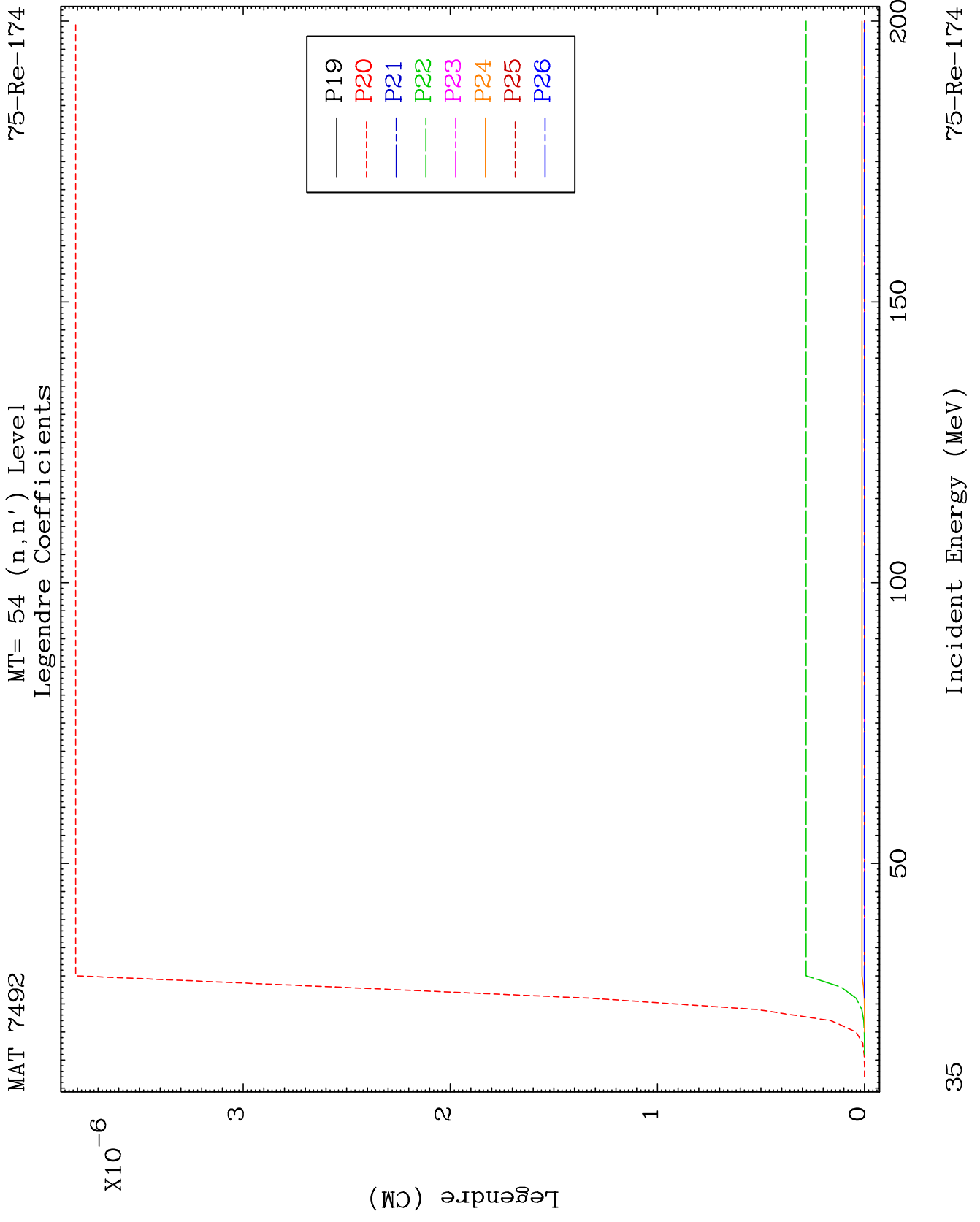
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Incident Energy (MeV)

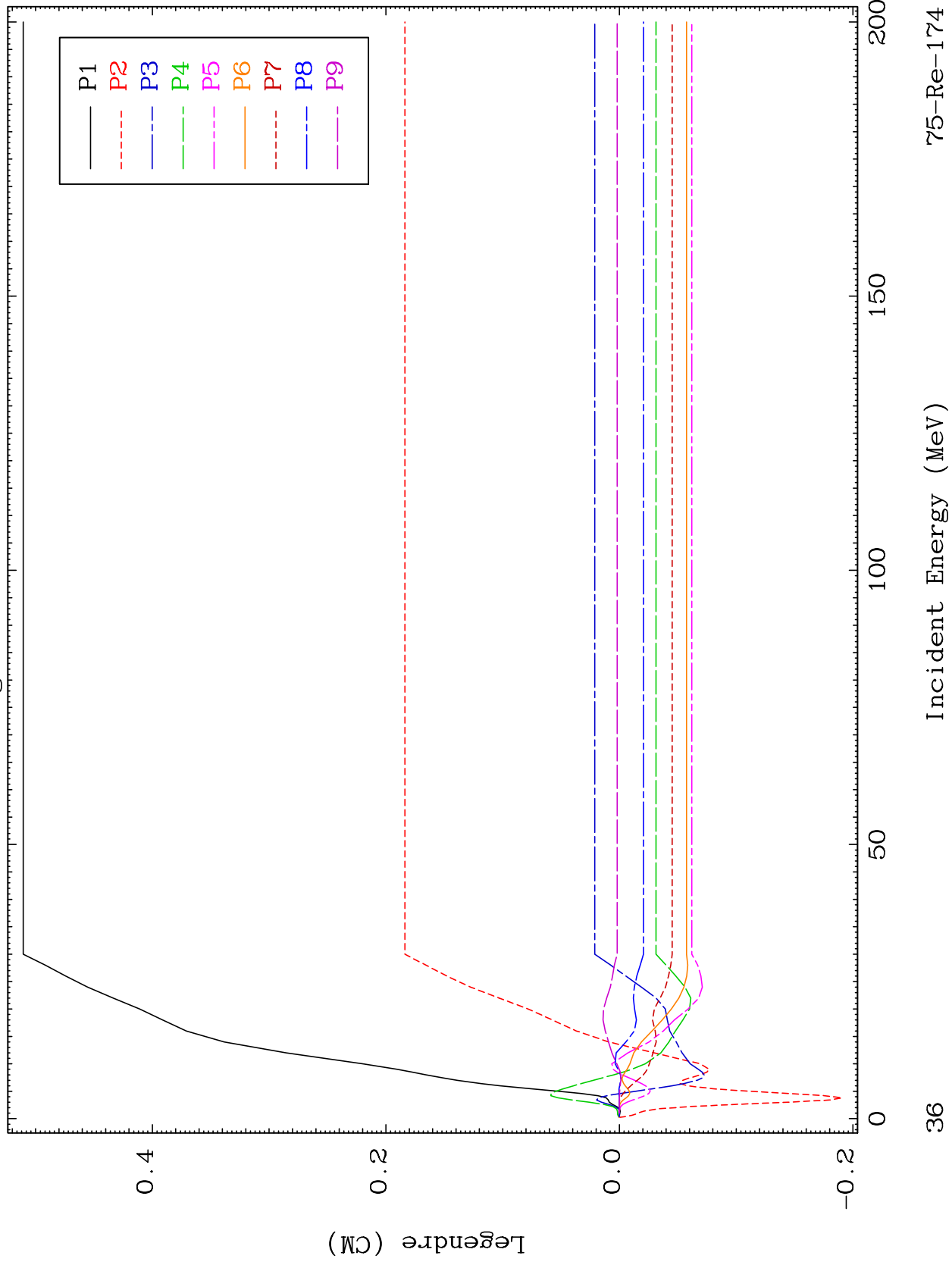
75-Re-174



MAT 7492

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

75-Re-174



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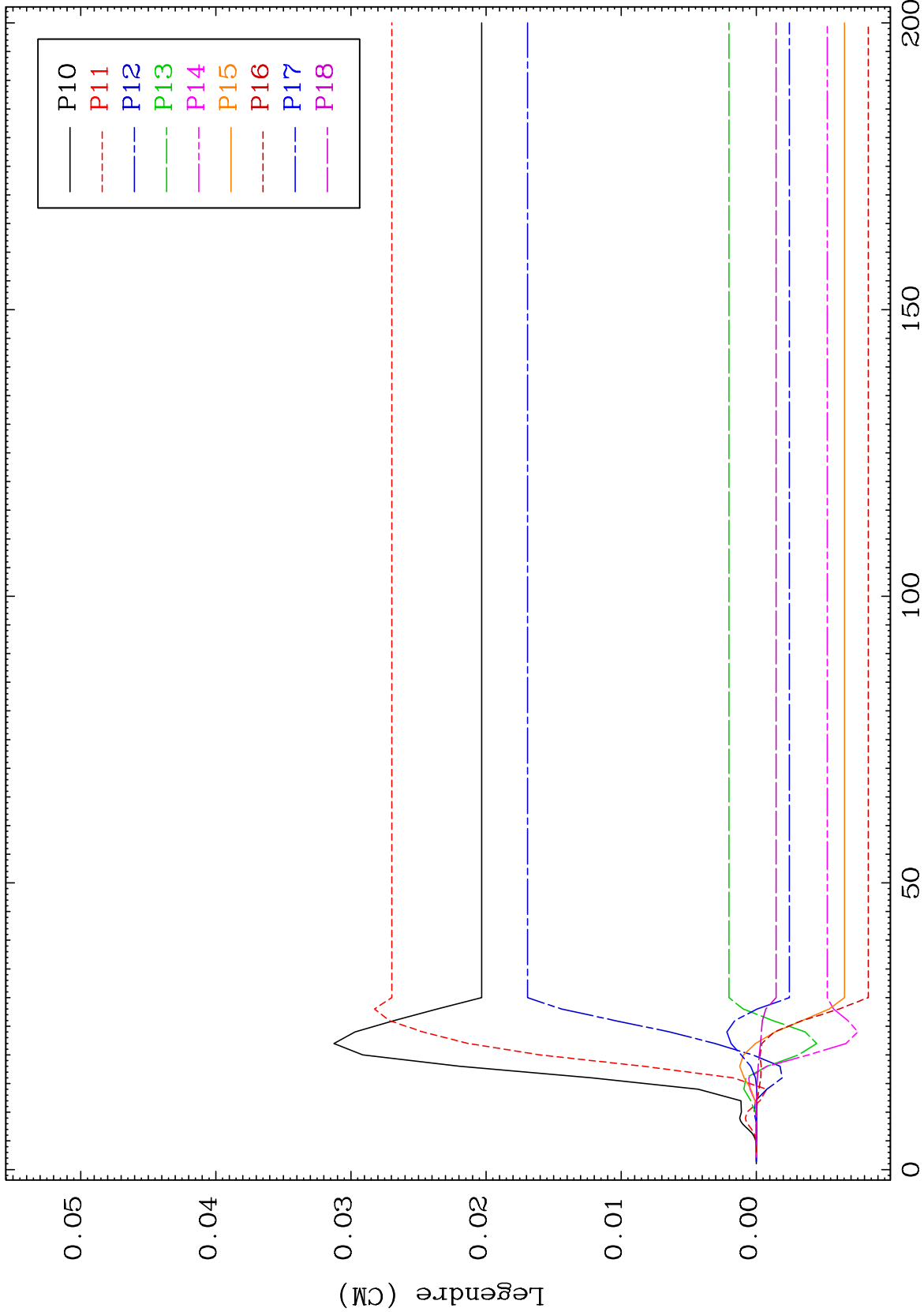
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



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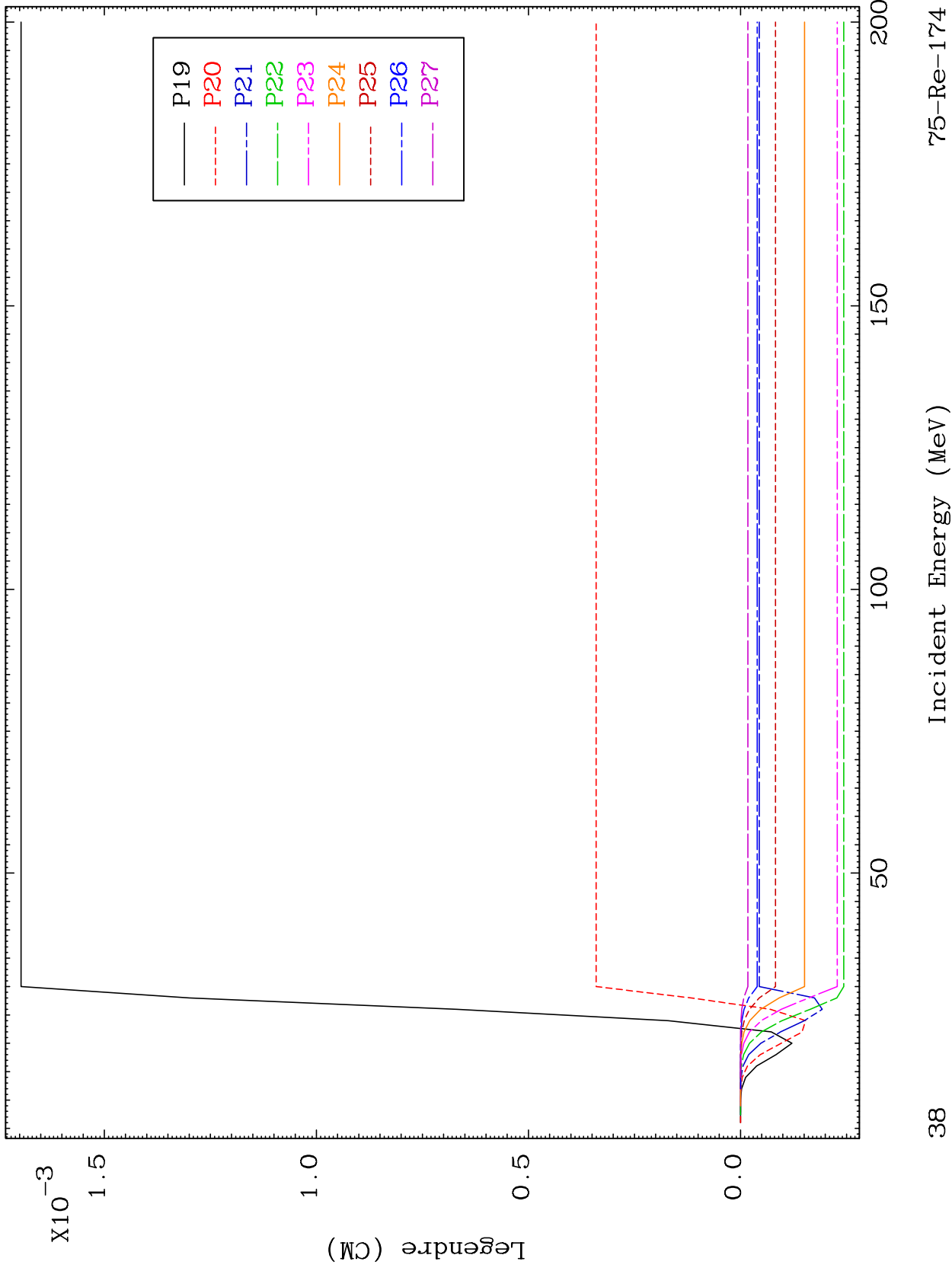
Incident Energy (MeV)

75-Re-174

MAT 7492

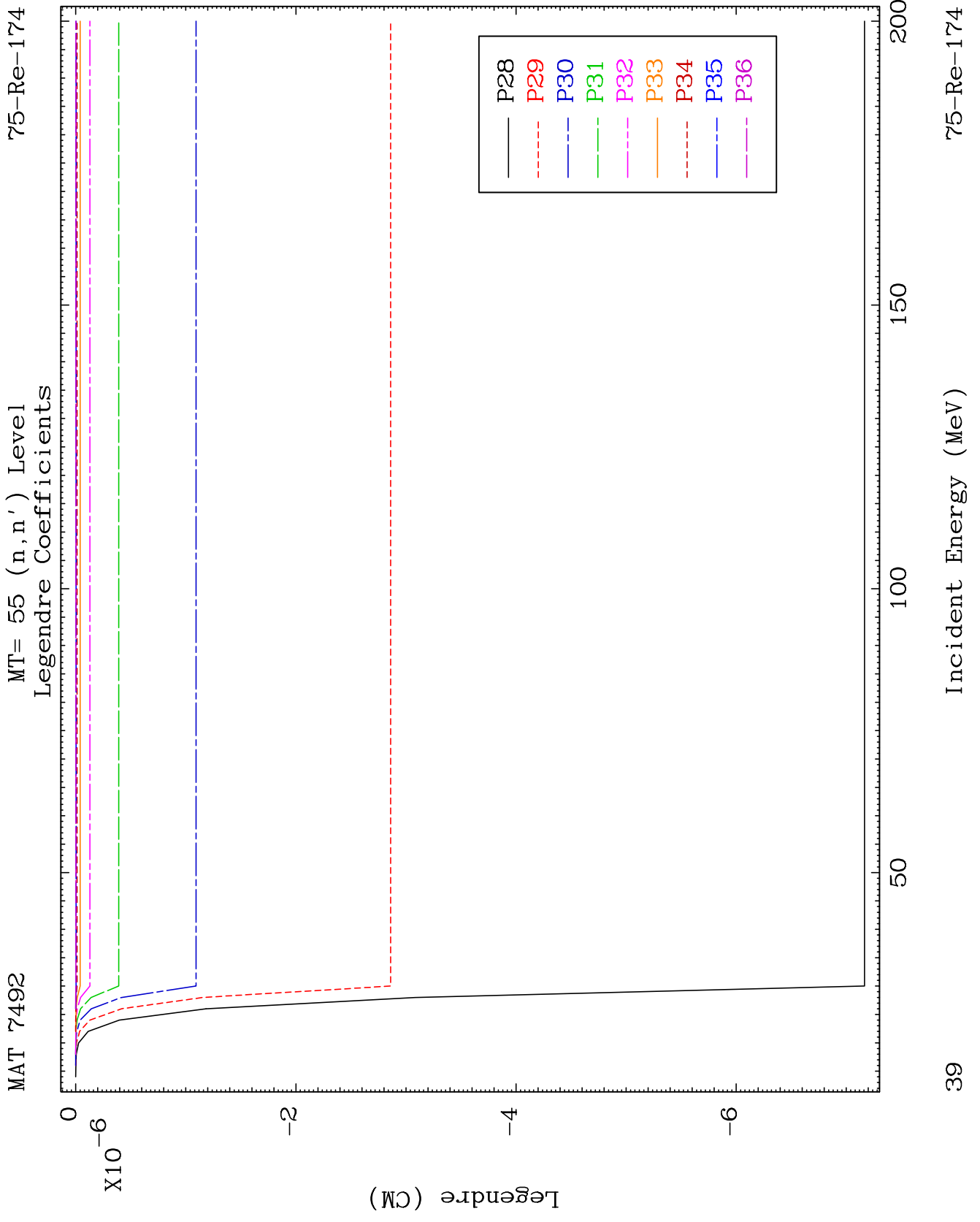
MT= 55 (n,n') Level  
Legendre Coefficients

75-Re-174



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75-Re-174

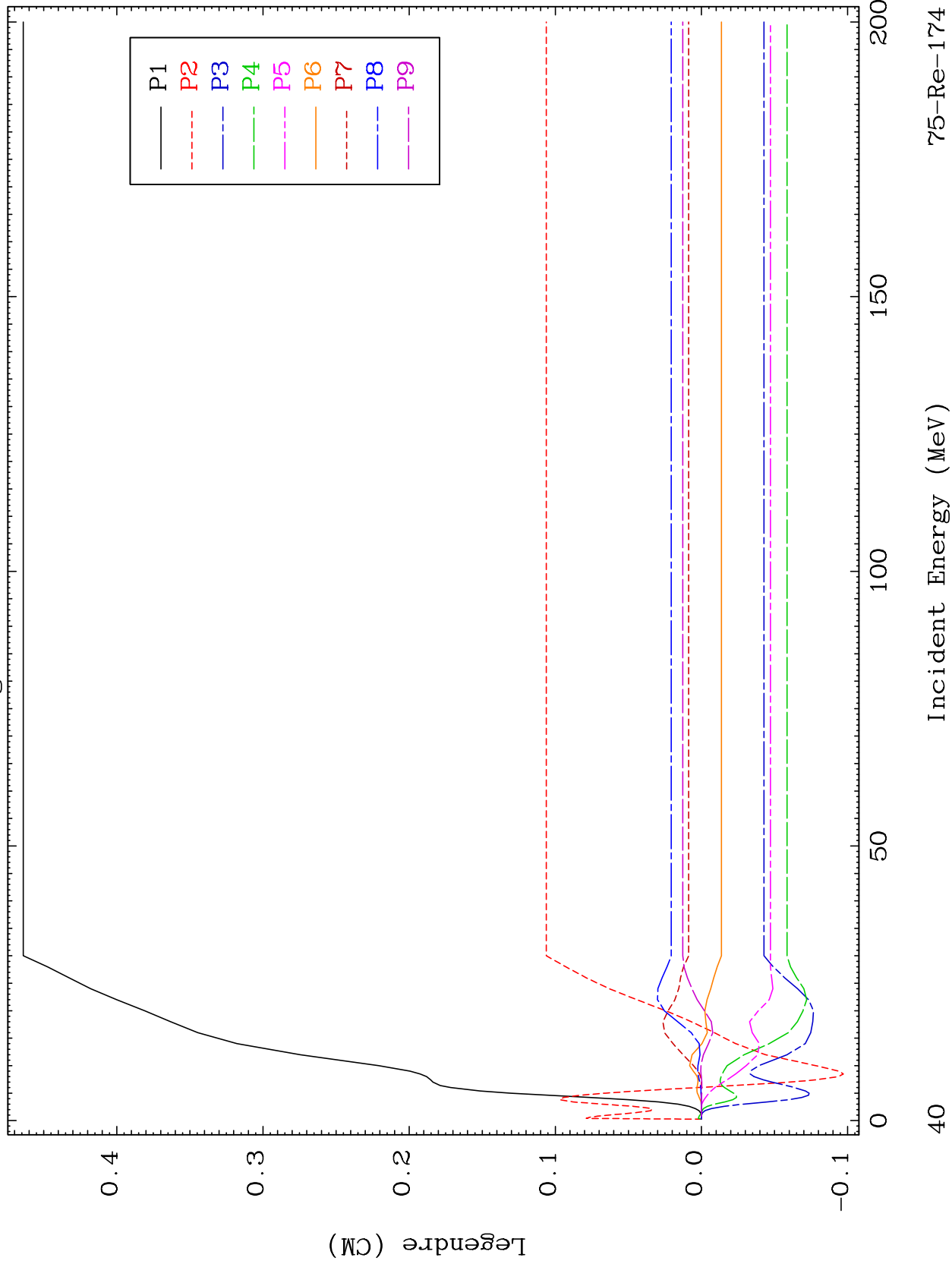




MAT 7492

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

75-Re-174

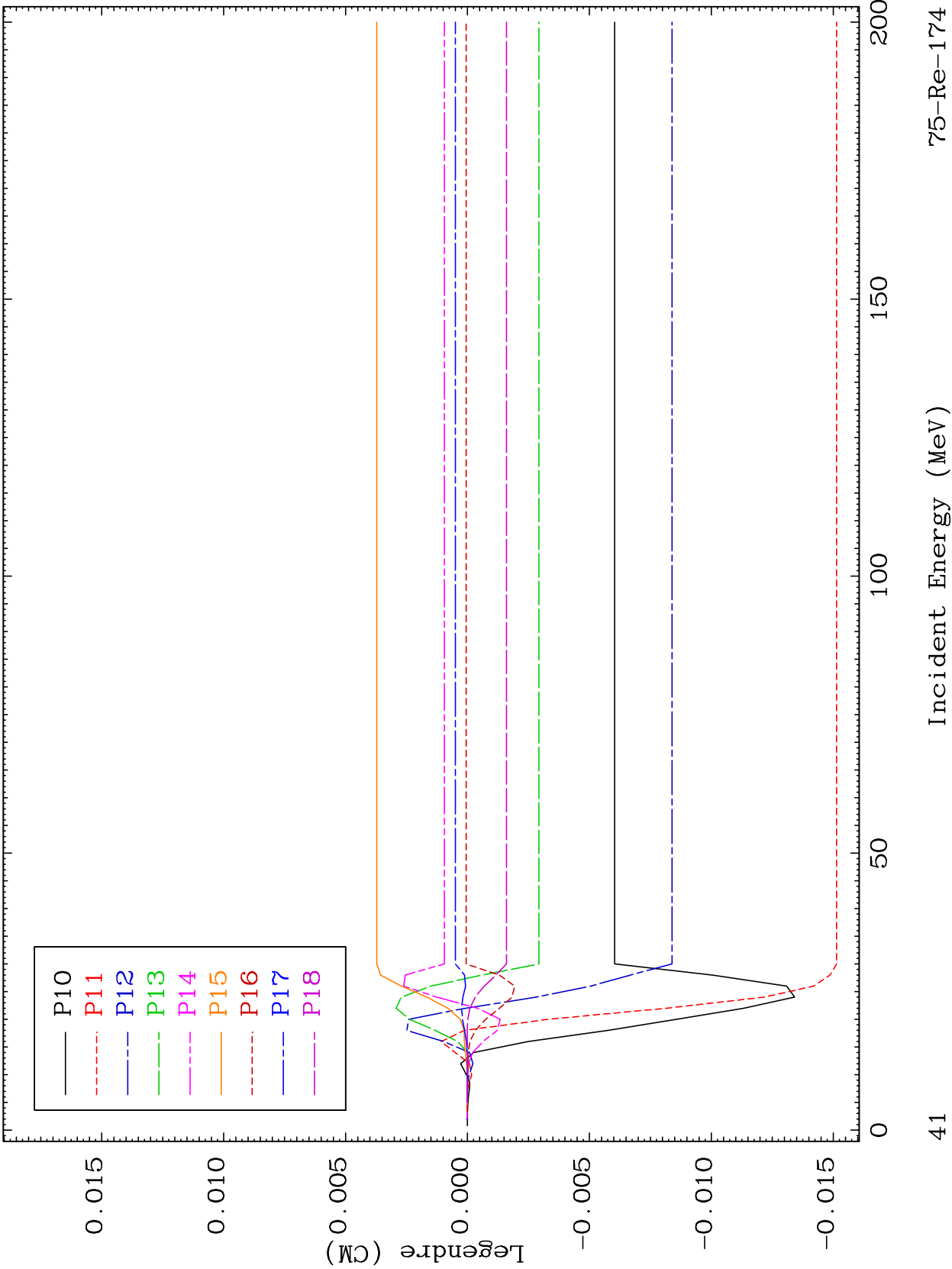


75-Re-174

MAT 7492

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

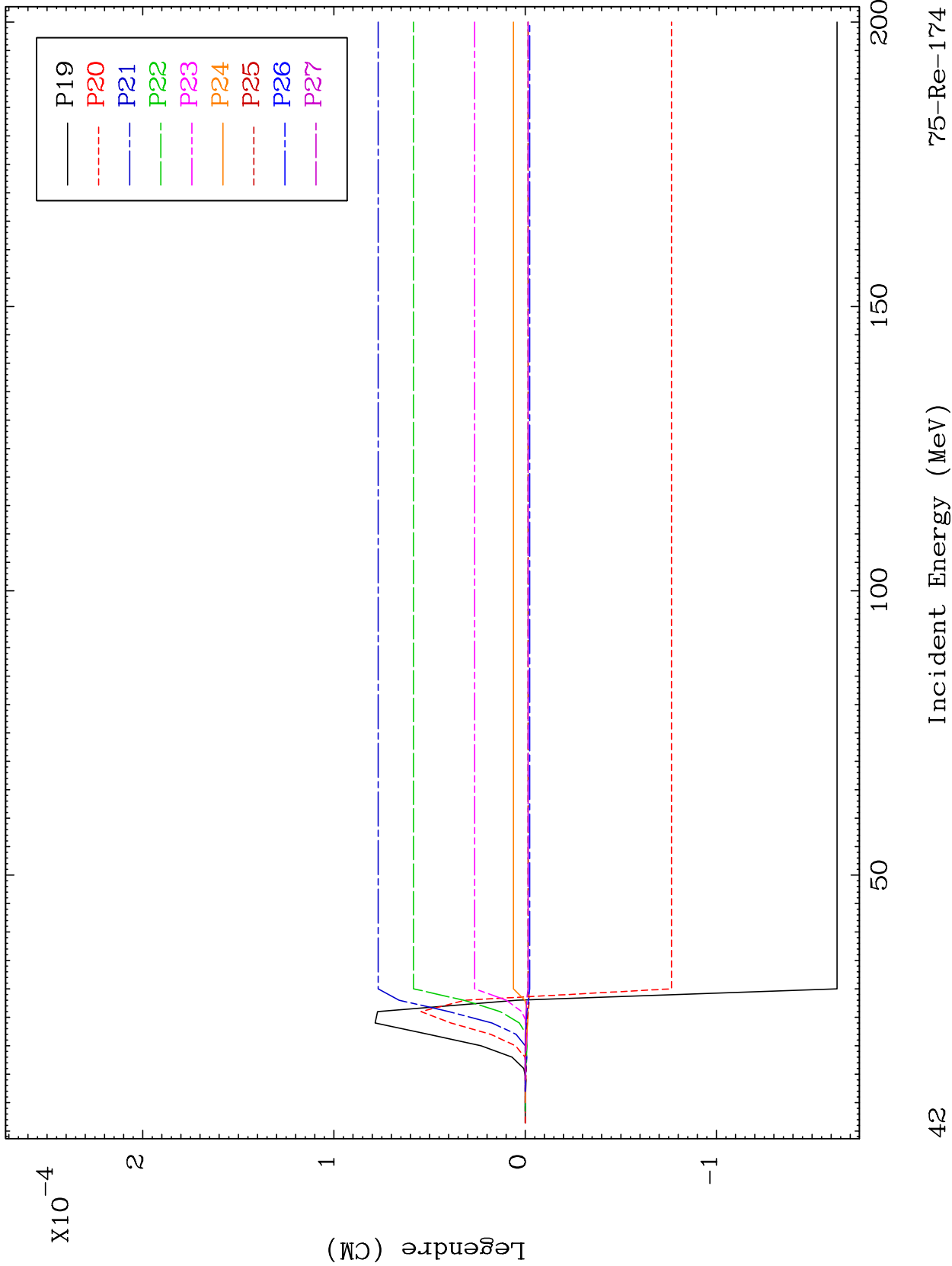
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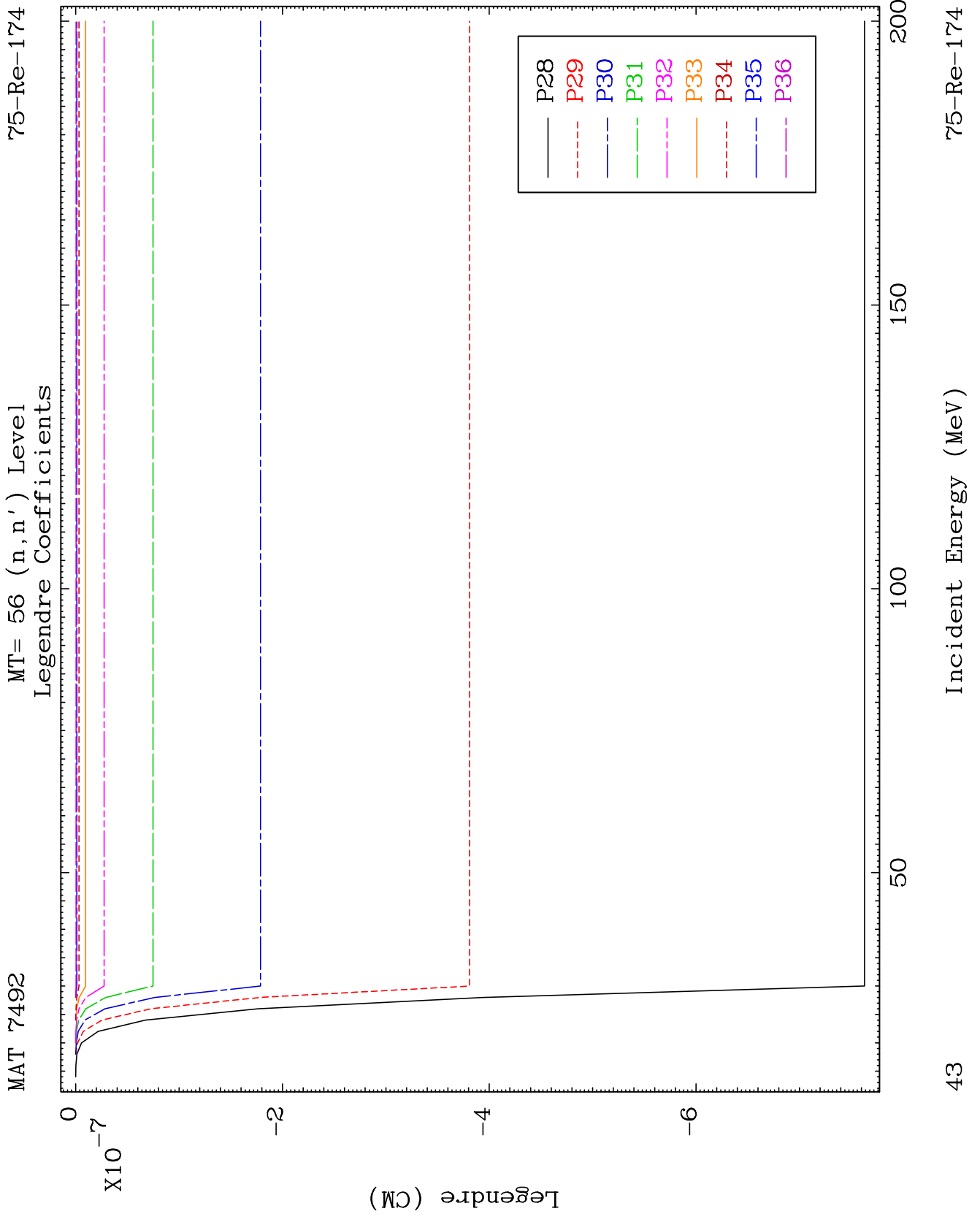


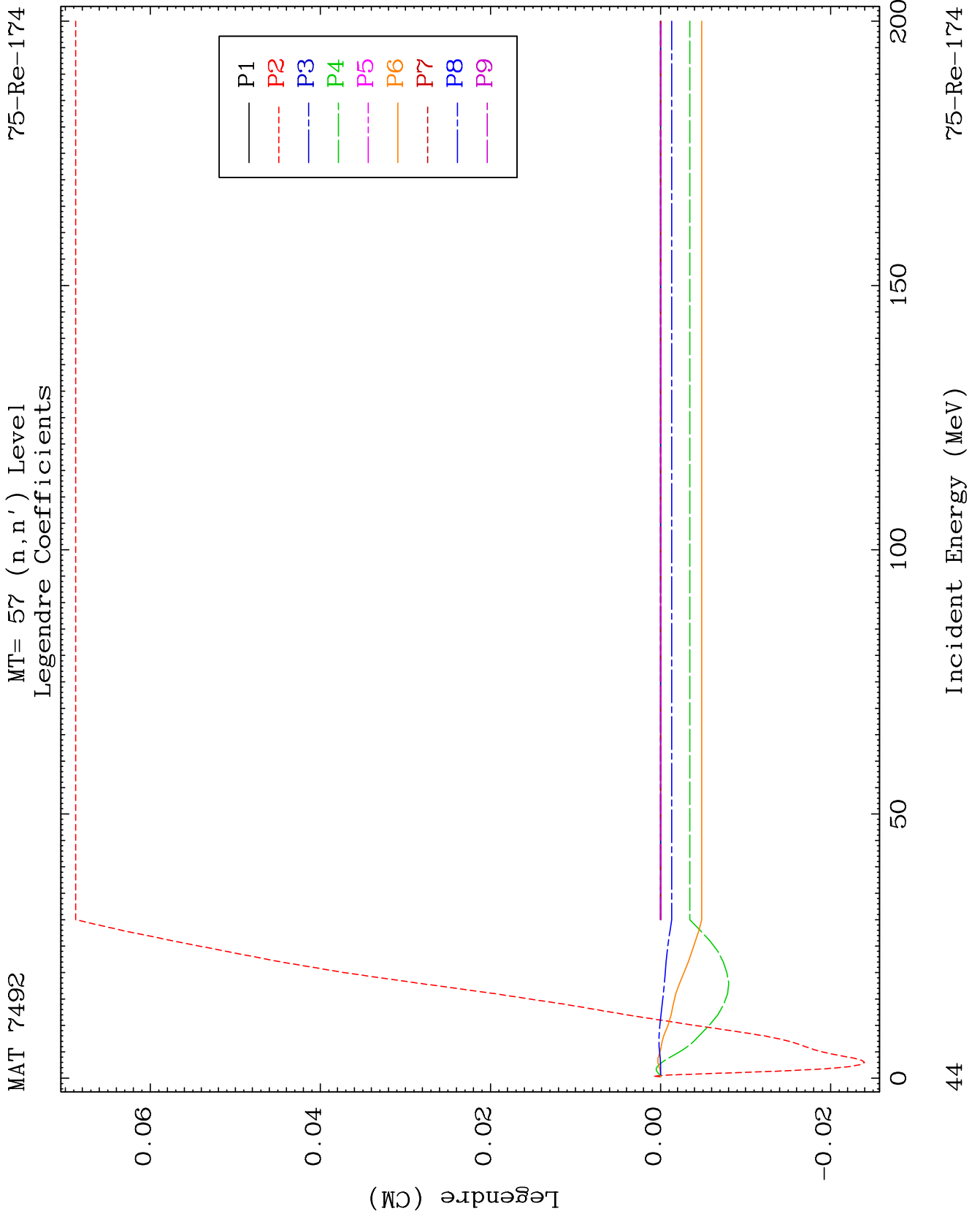
MAT 7492

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

75-Re-174



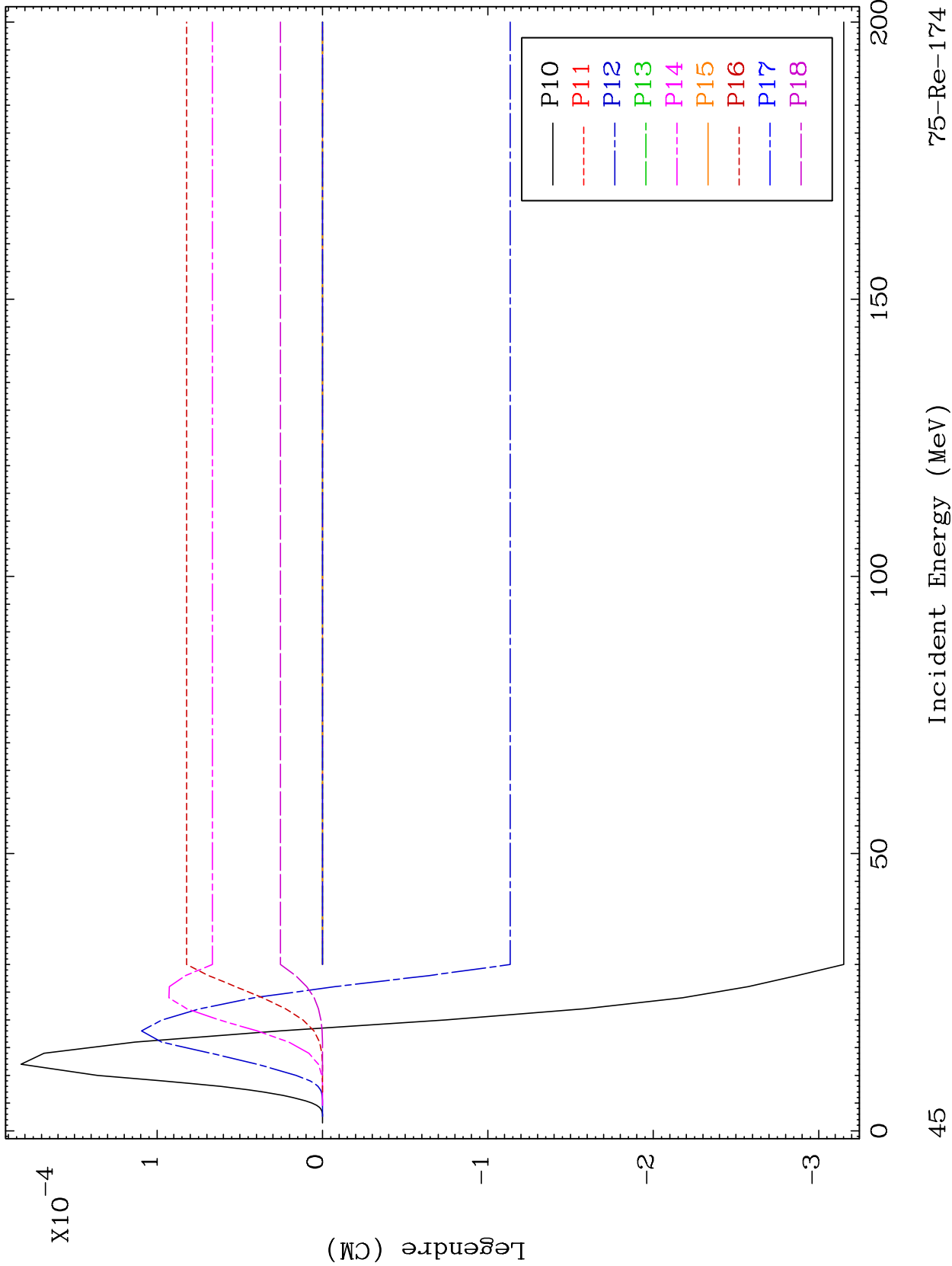




MAT 7492

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

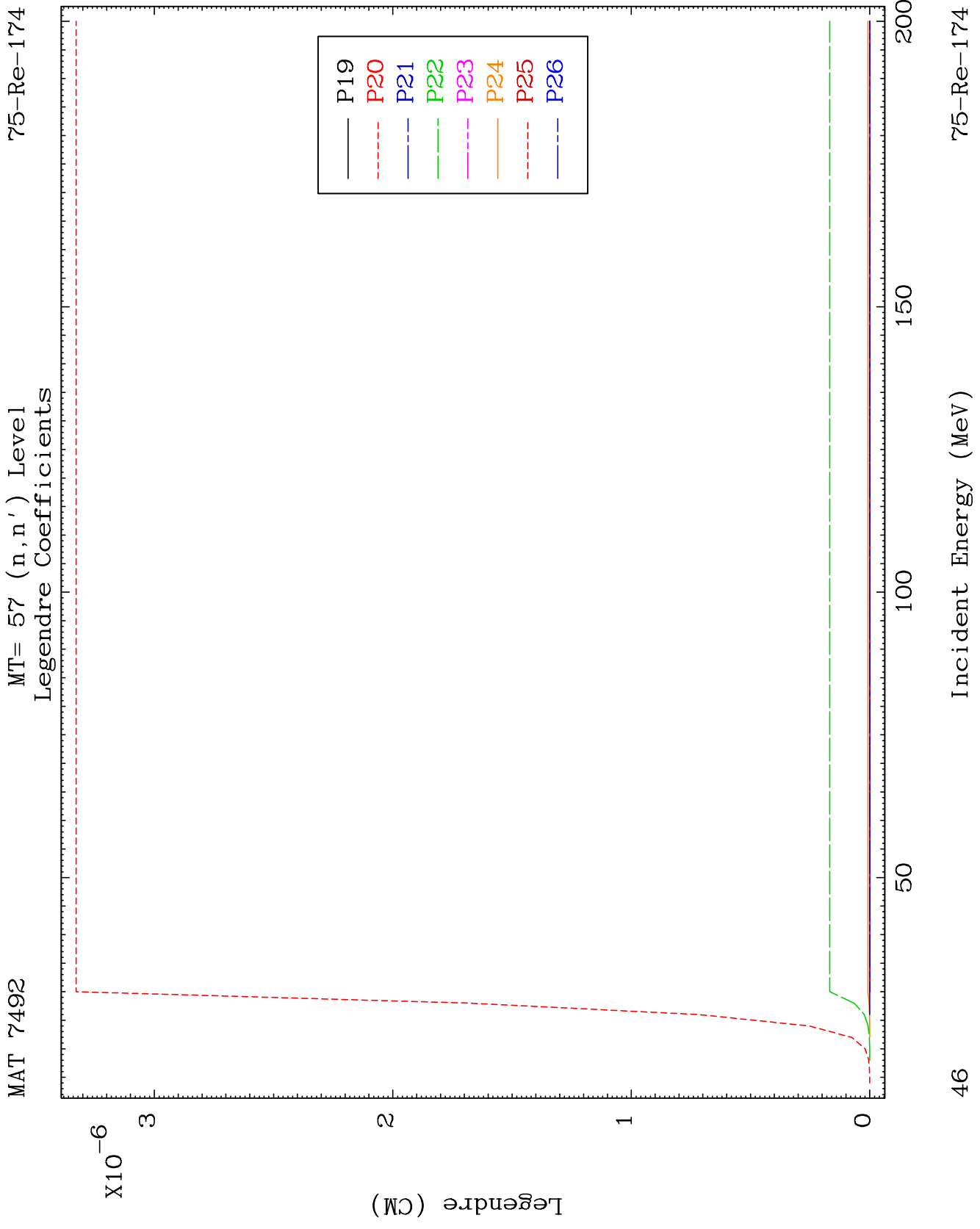
75-Re-174



75-Re-174

Incident Energy (MeV)

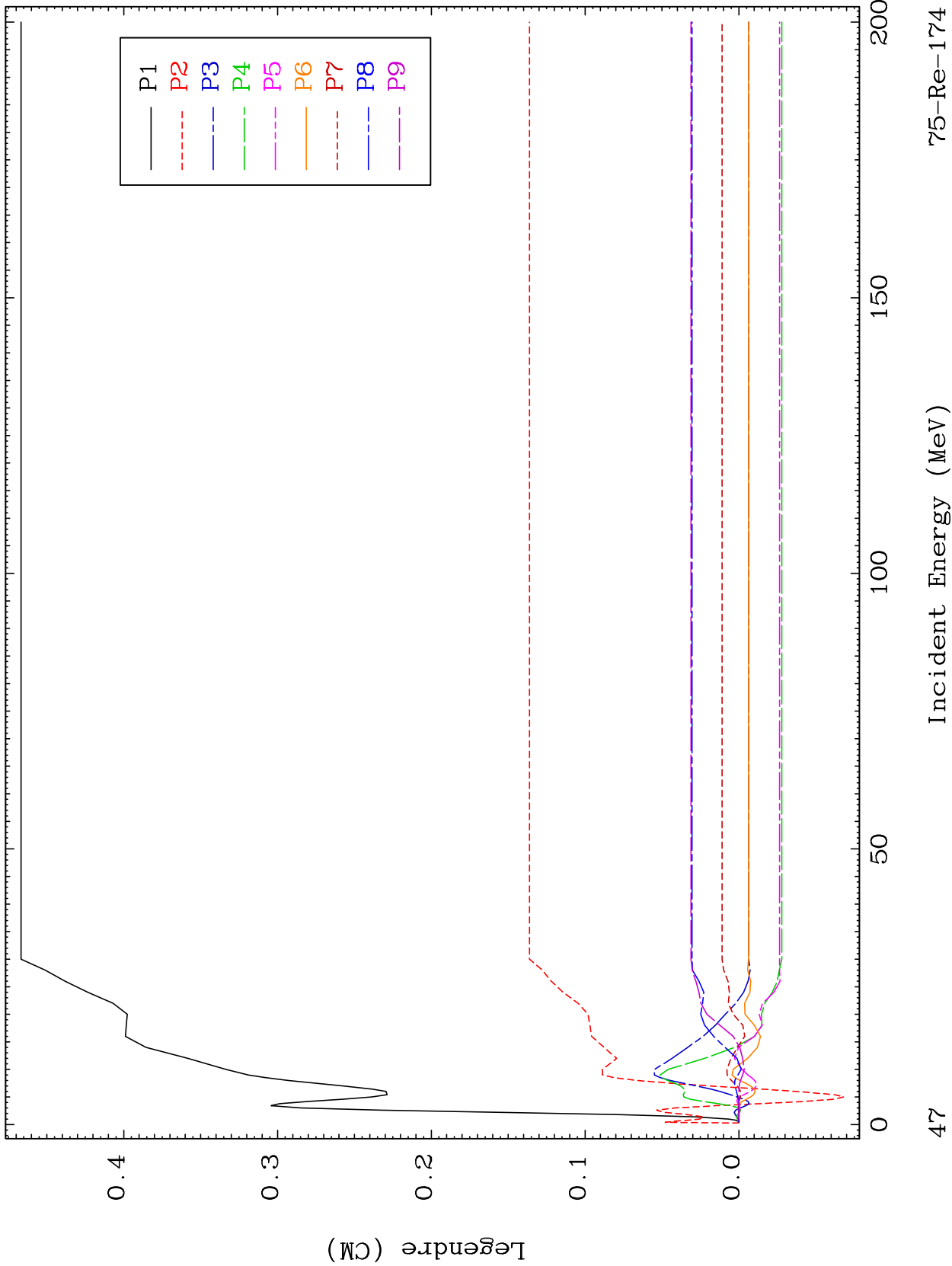
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MAT 7492

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

75-Re-174



75-Re-174

Incident Energy (MeV)

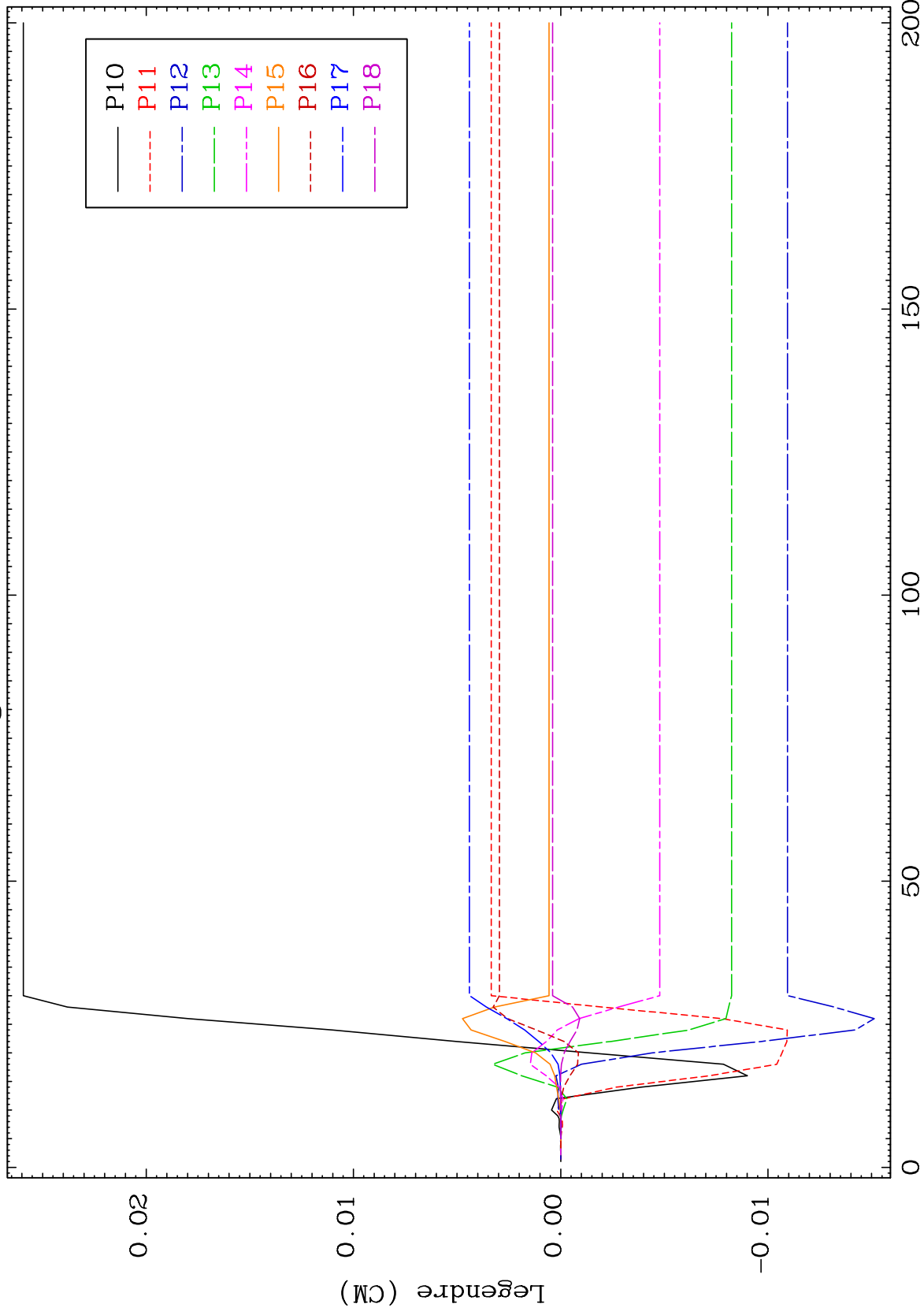
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MAT 7492

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

75-Re-174



48

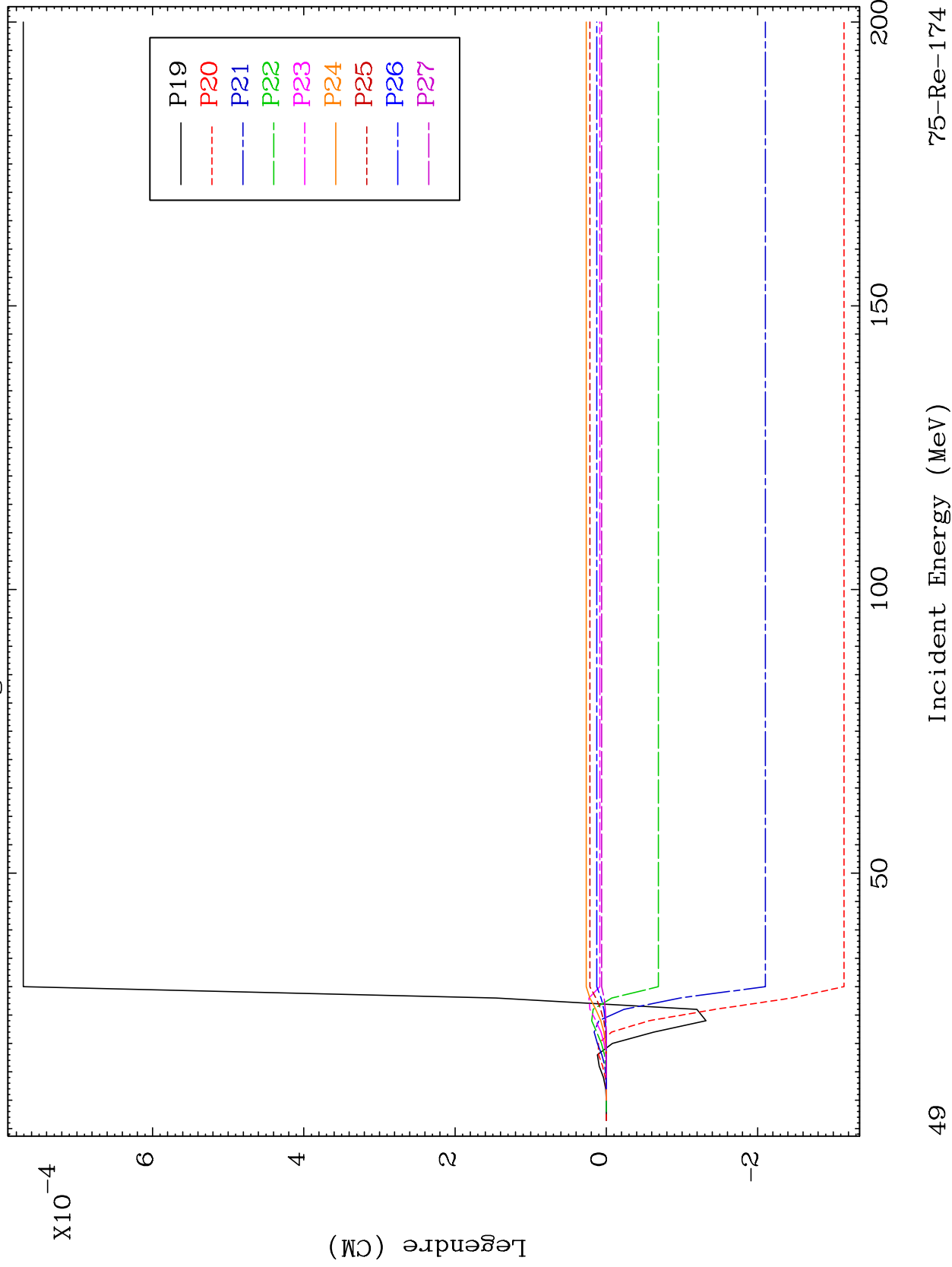
Incident Energy (MeV)

75-Re-174

MAT 7492

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

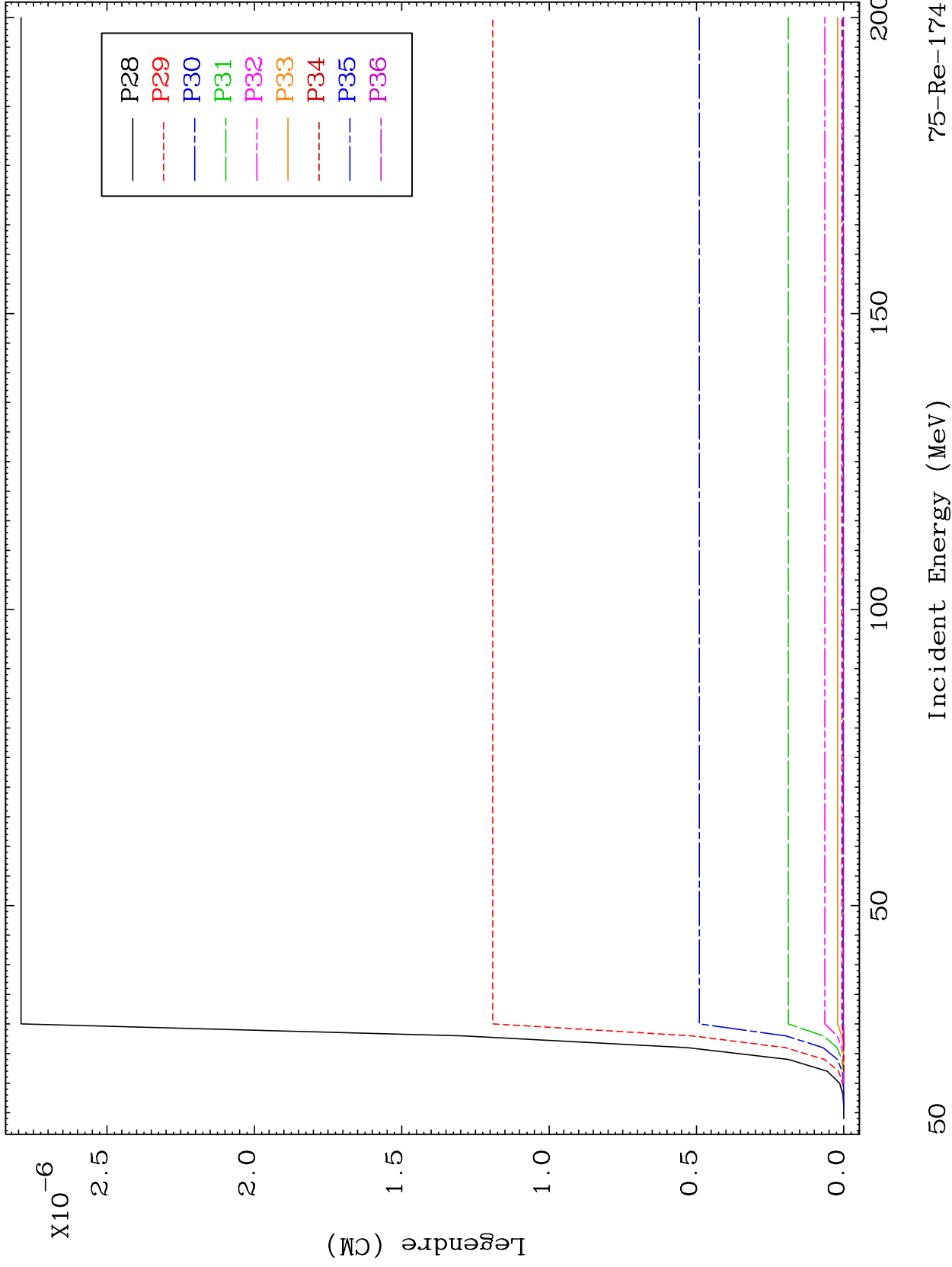
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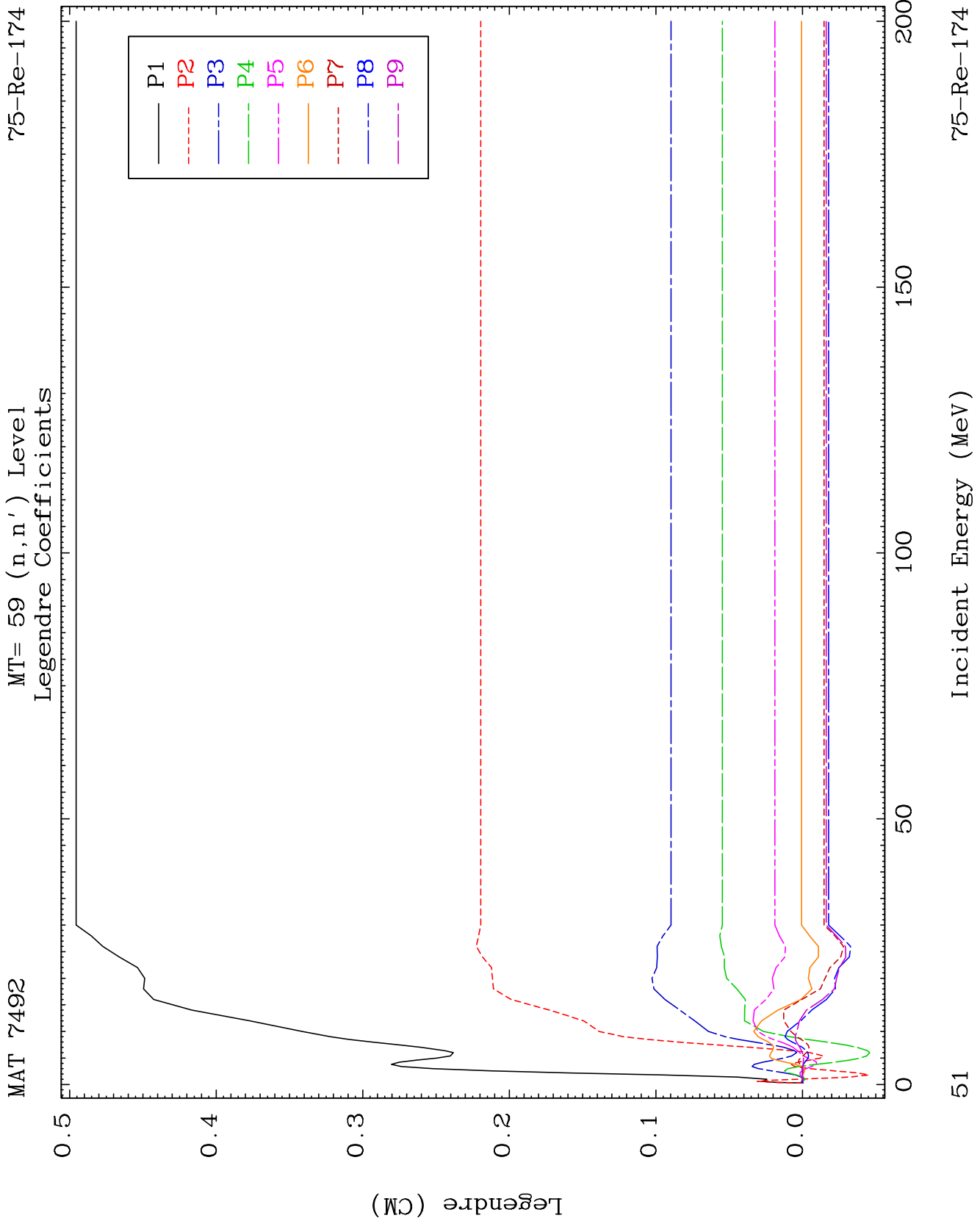


MAT 7492

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

75-Re-174

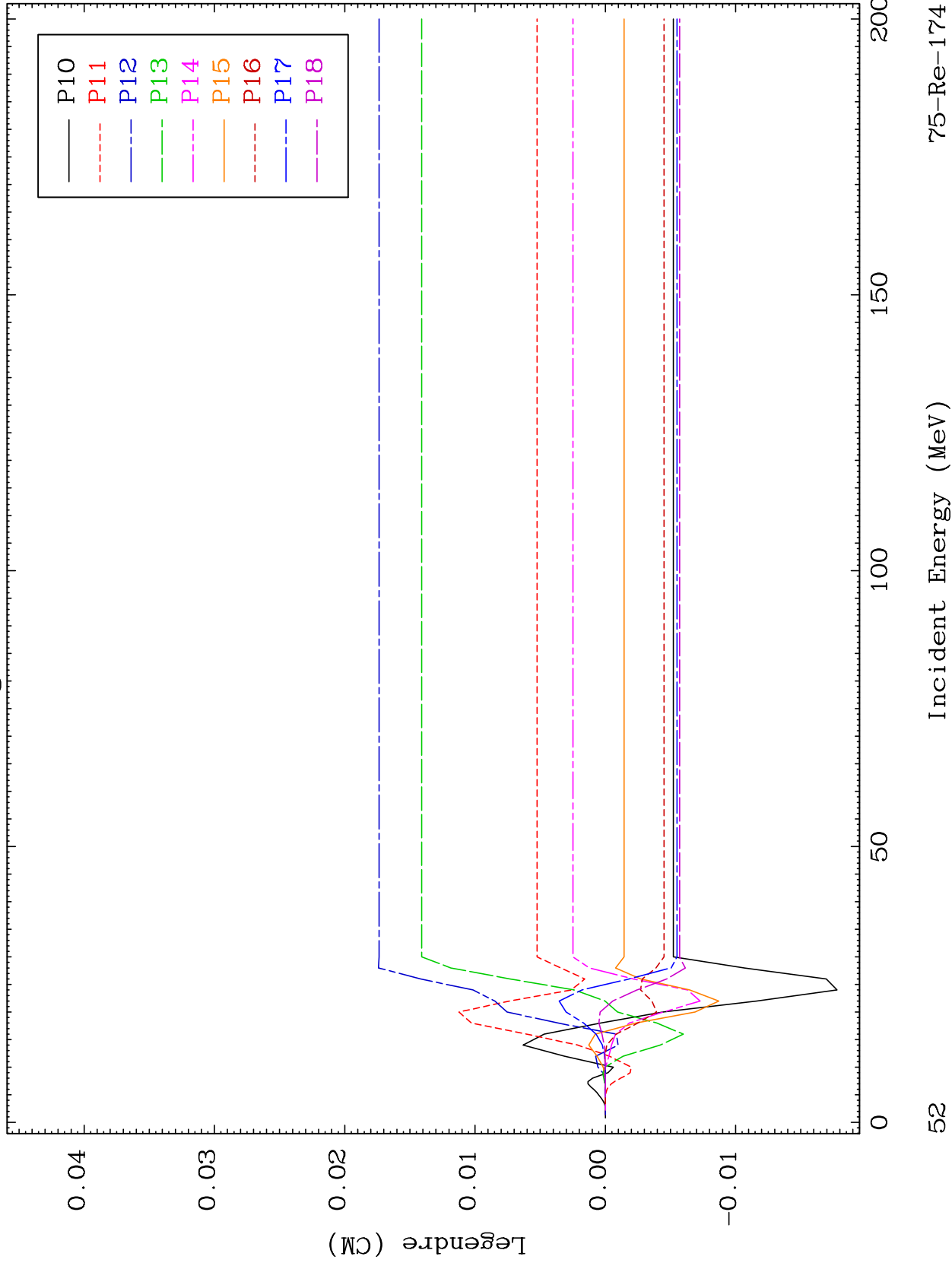




MAT 7492

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Legendre Coefficients

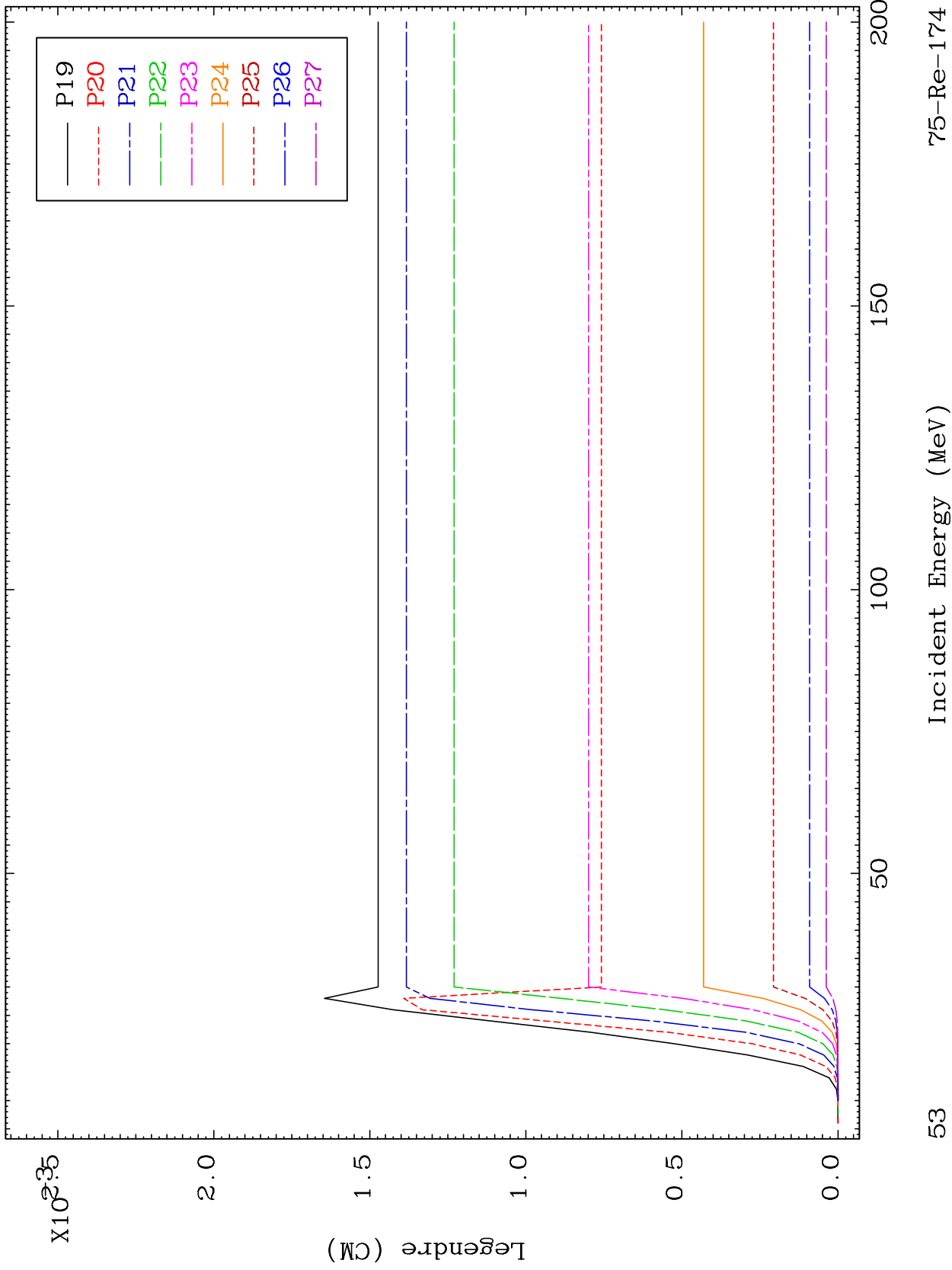
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75-Re-174

Incident Energy (MeV)

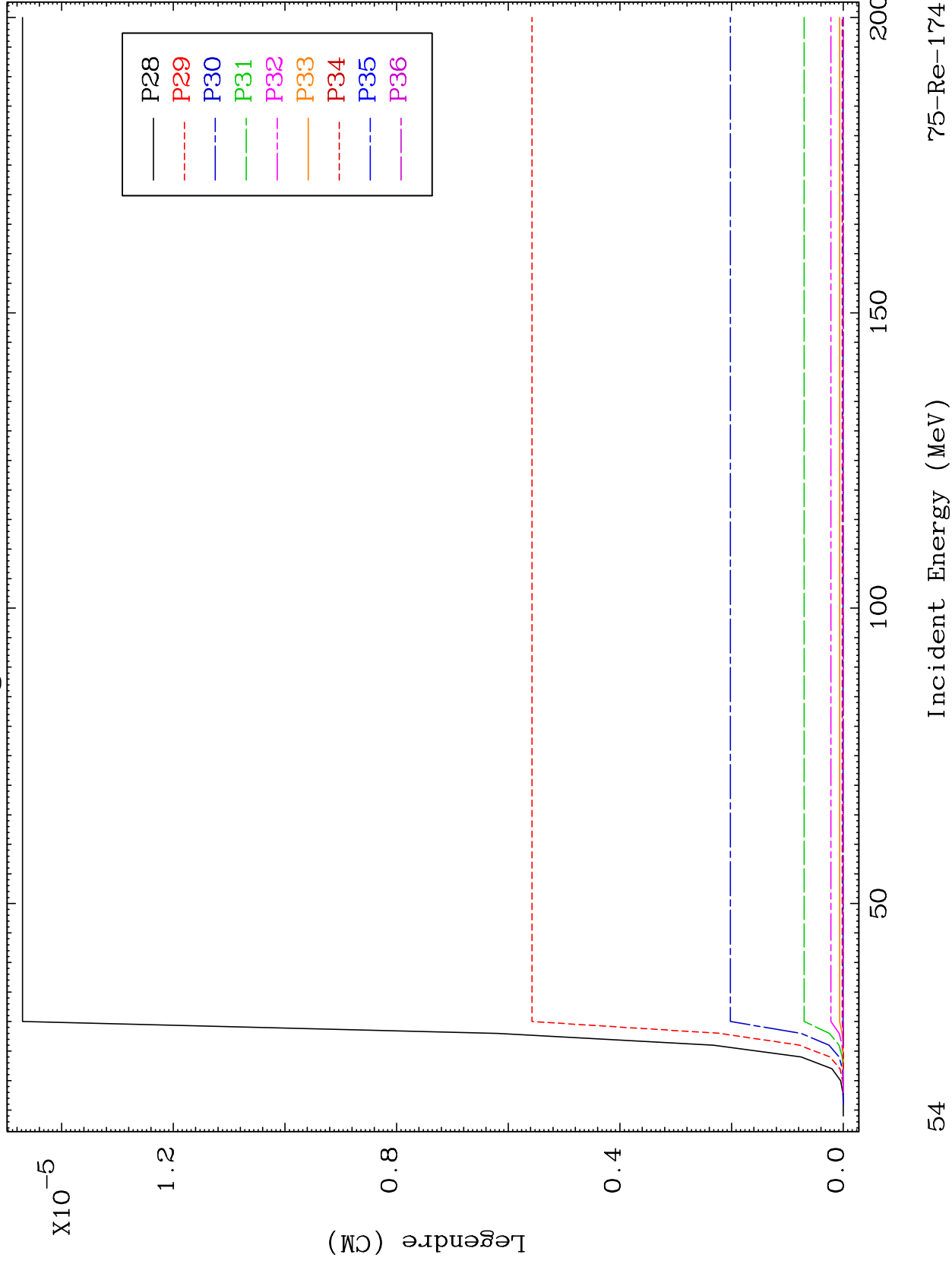
52



MAT 7492

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

75-Re-174



54

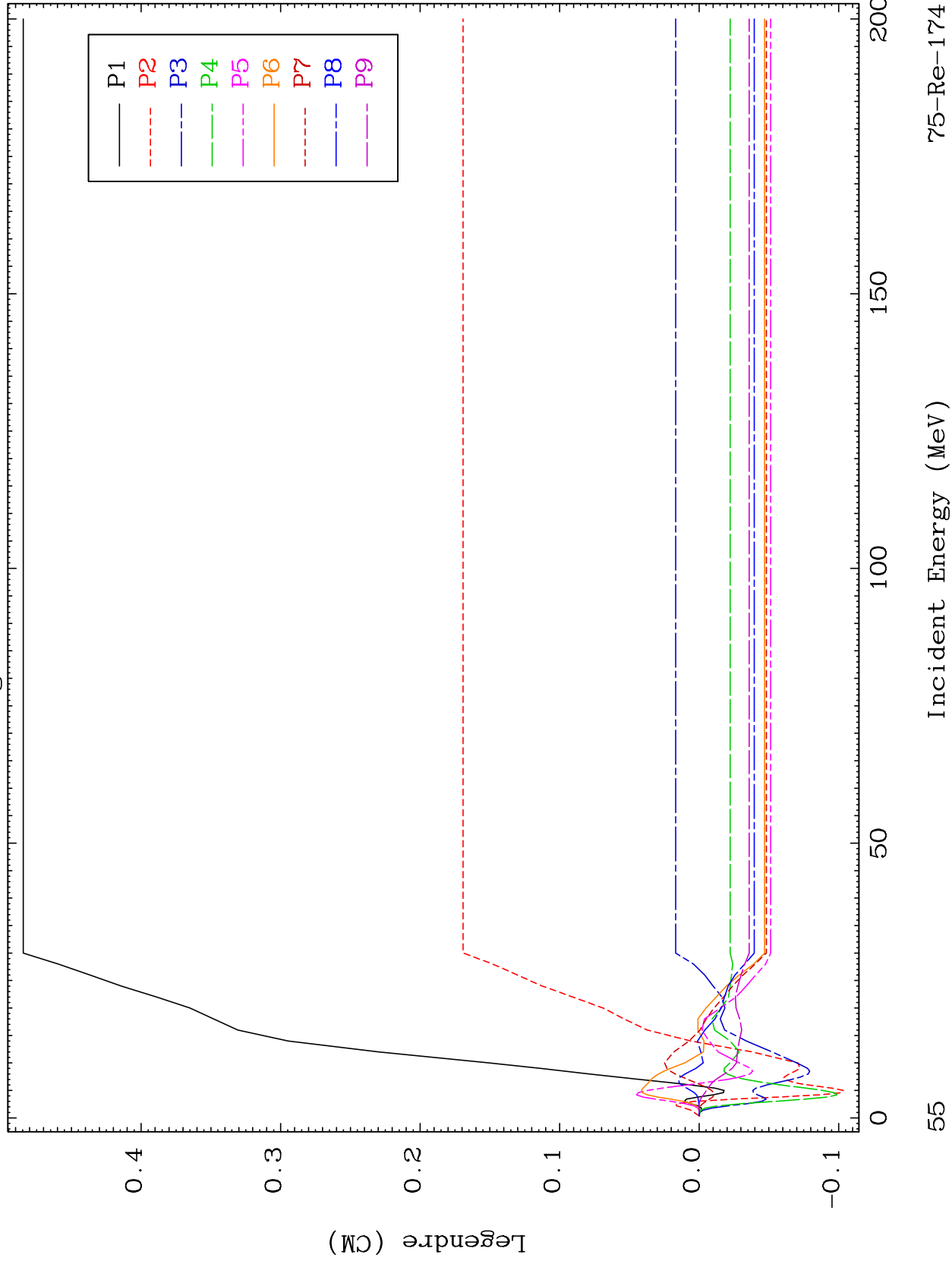
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



55

Incident Energy (MeV)

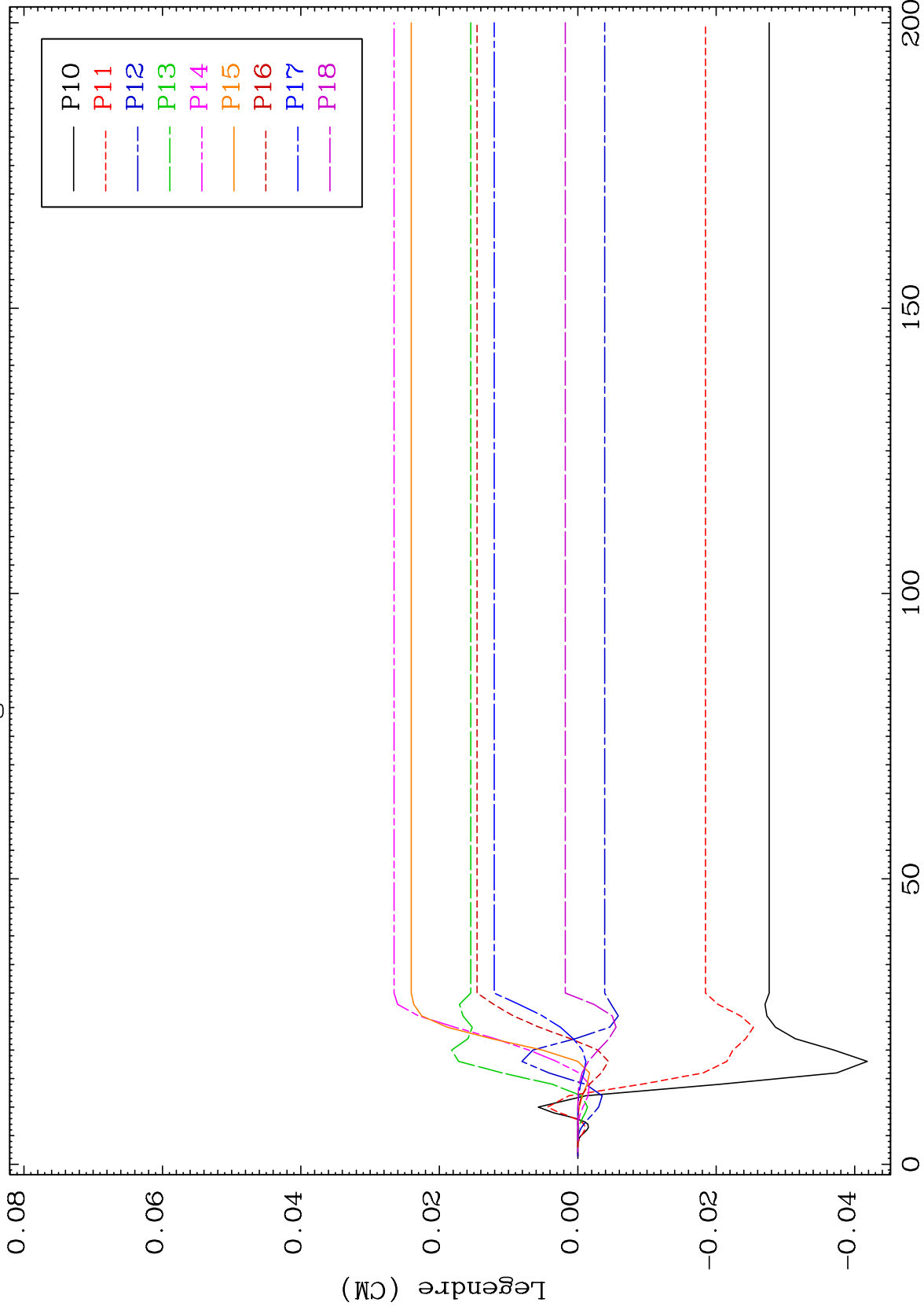
75-Re-174



MAT 7492

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

75-Re-174



56

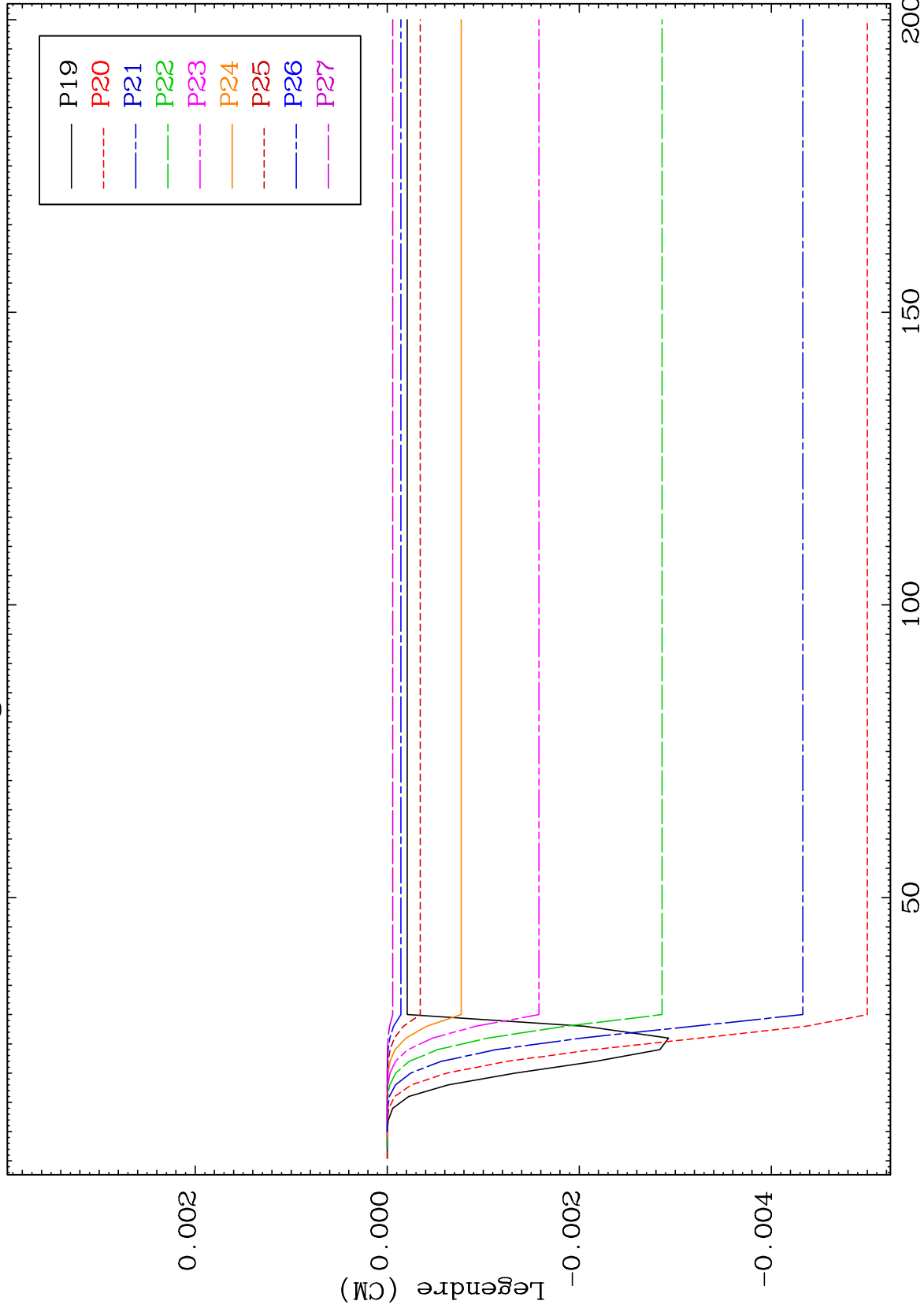
Incident Energy (MeV)

75-Re-174

MAT 7492

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

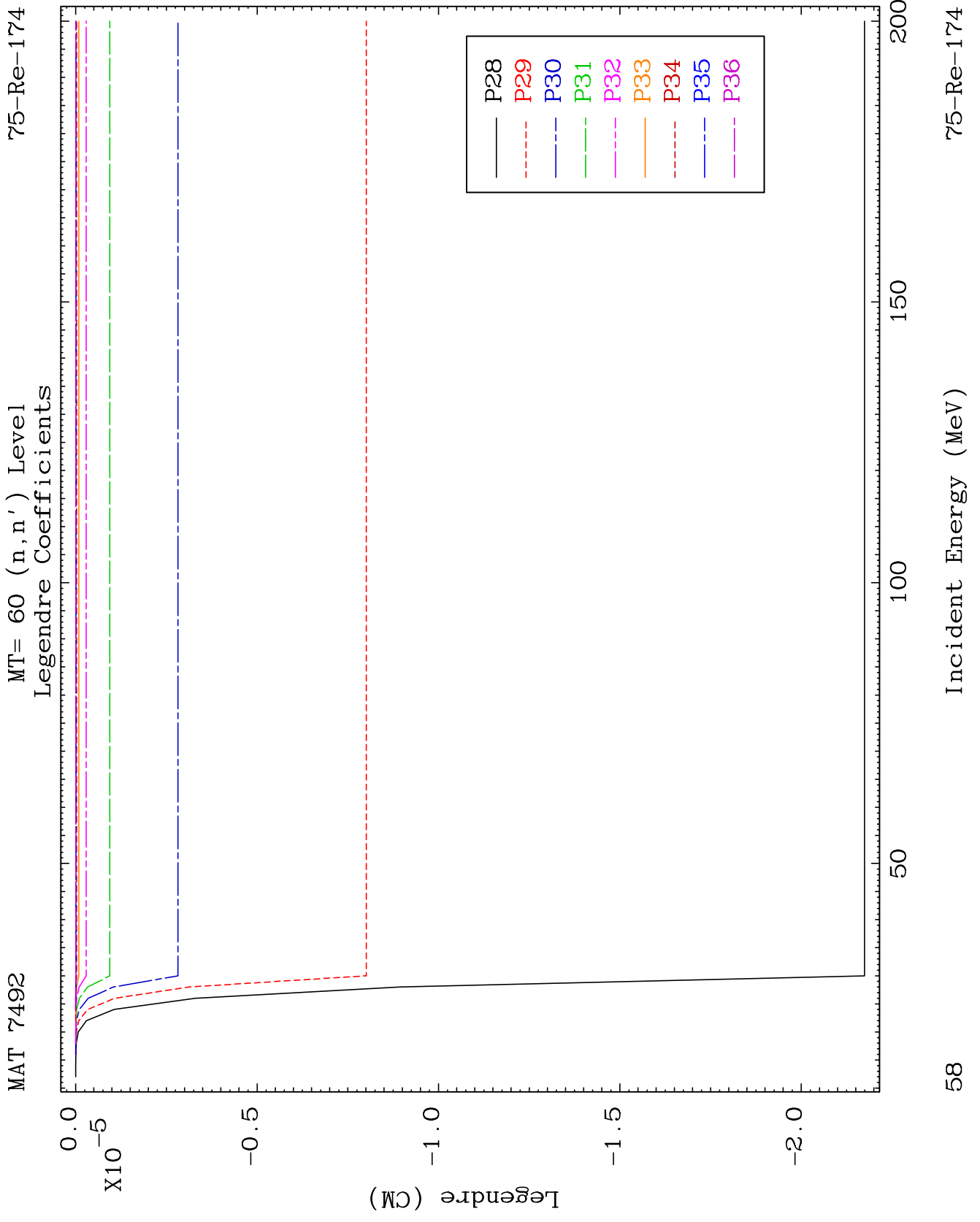
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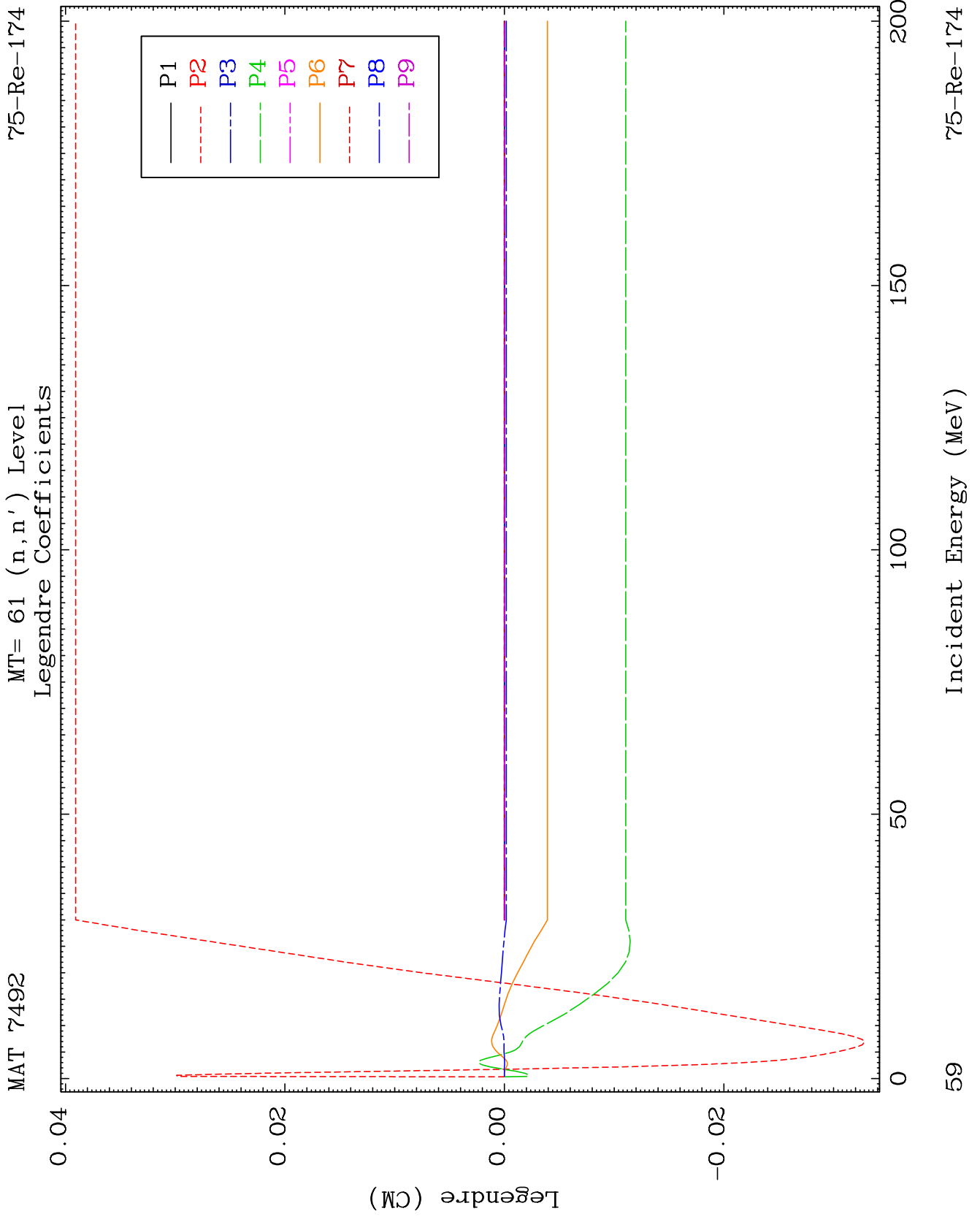


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Incident Energy (MeV)

75-Re-174

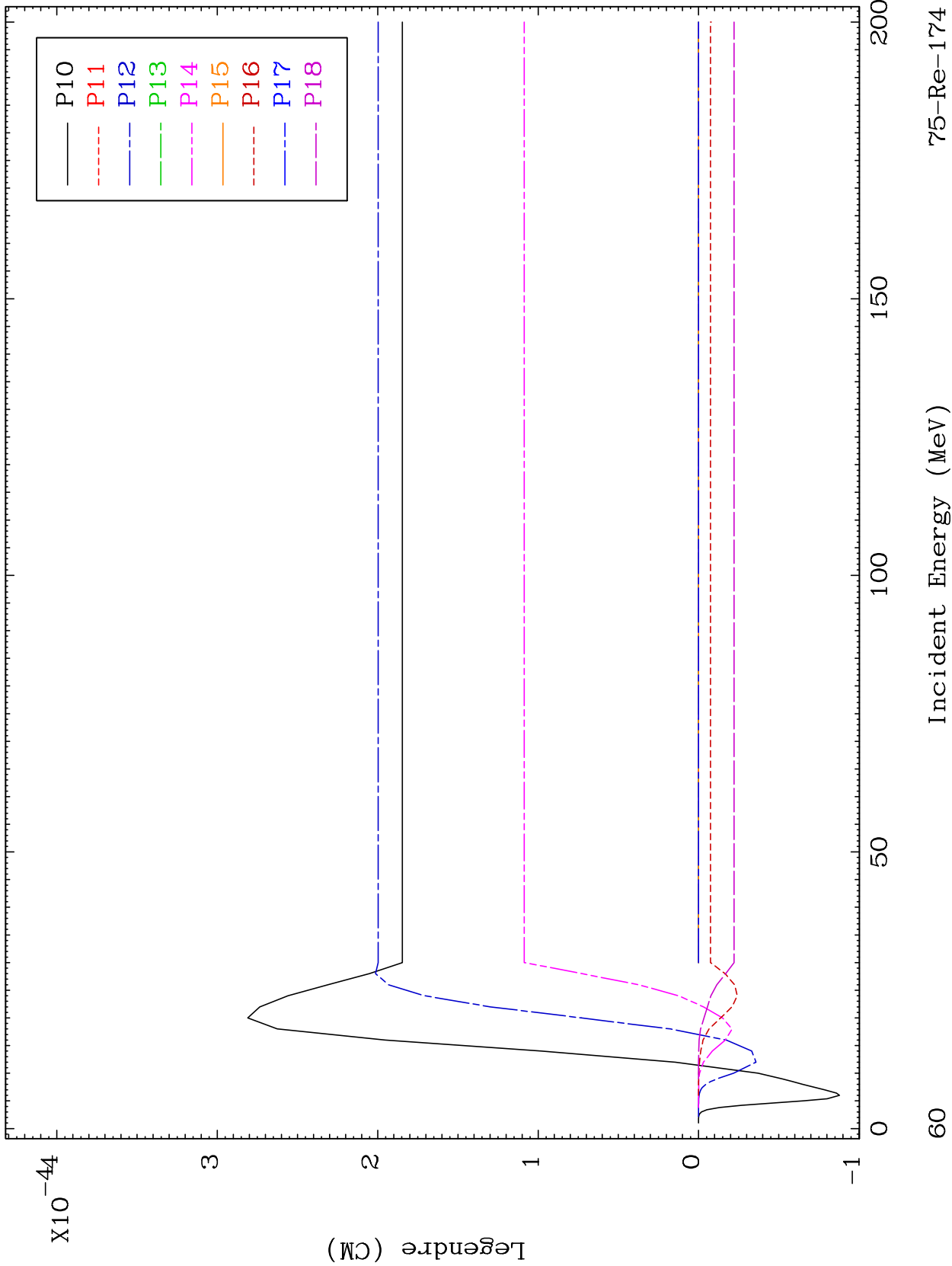




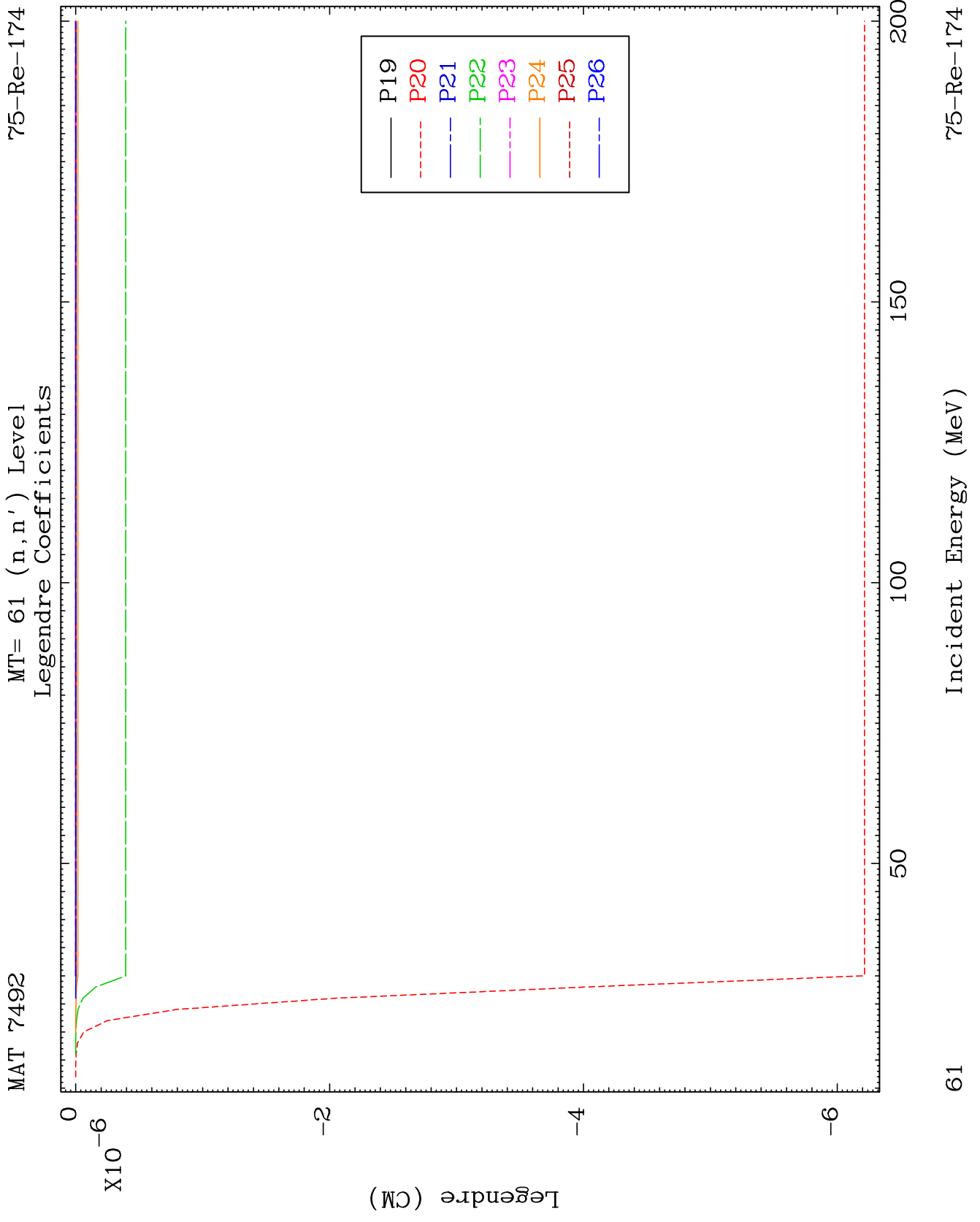
MAT 7492

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

75-Re-174



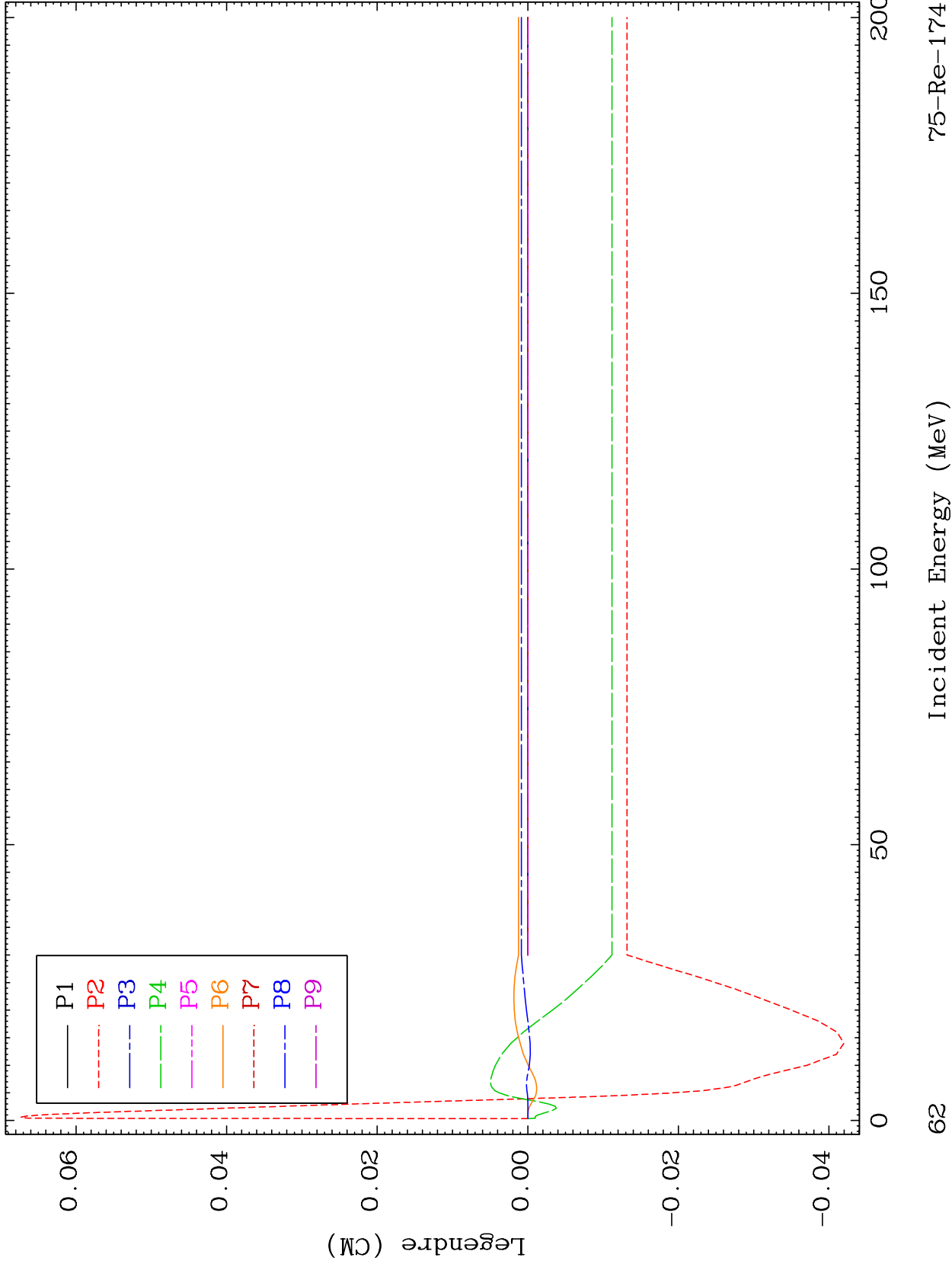
75-Re-174



MAT 7492

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

75-Re-174



62

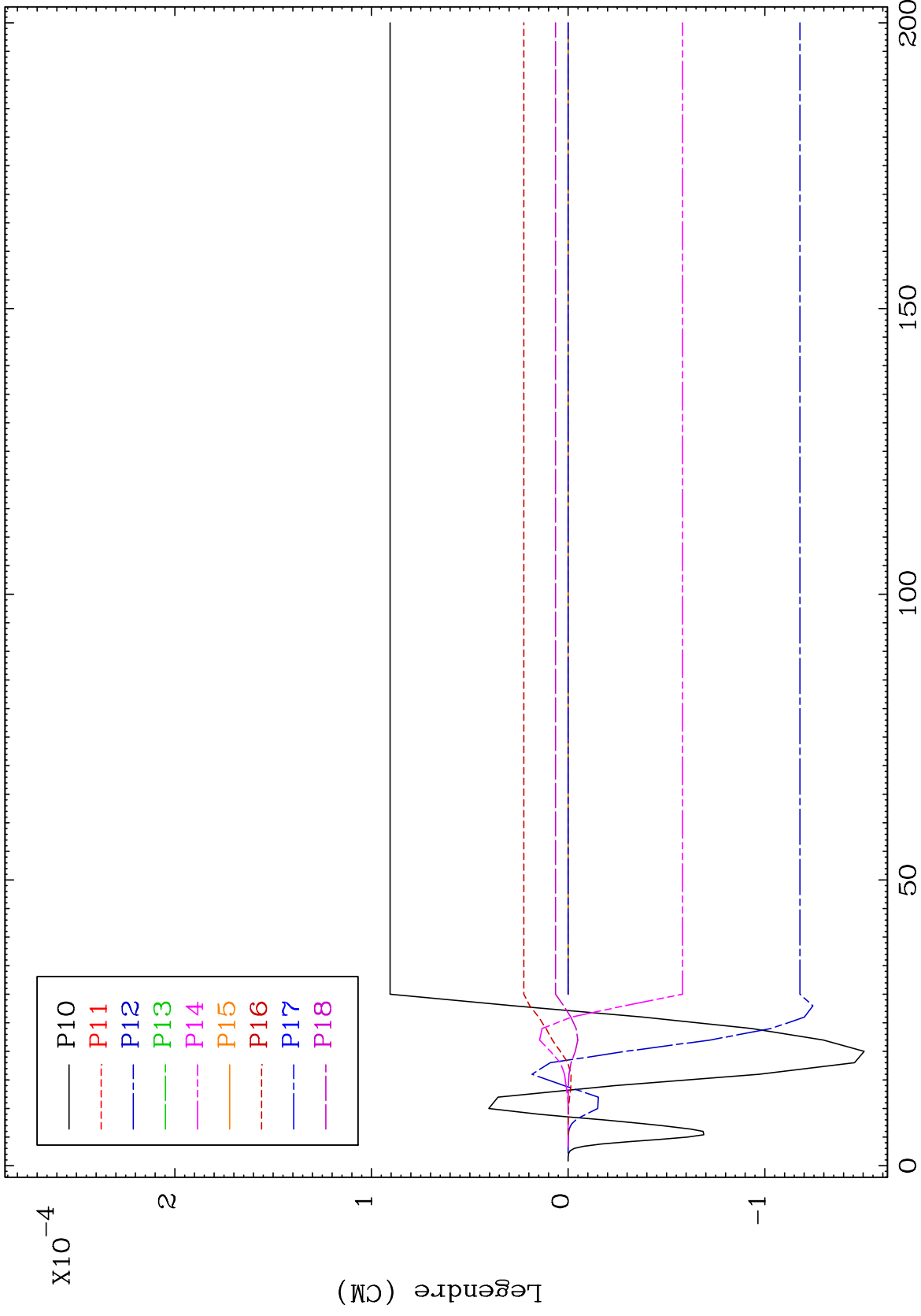
Incident Energy (MeV)

75-Re-174

MAT 7492

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

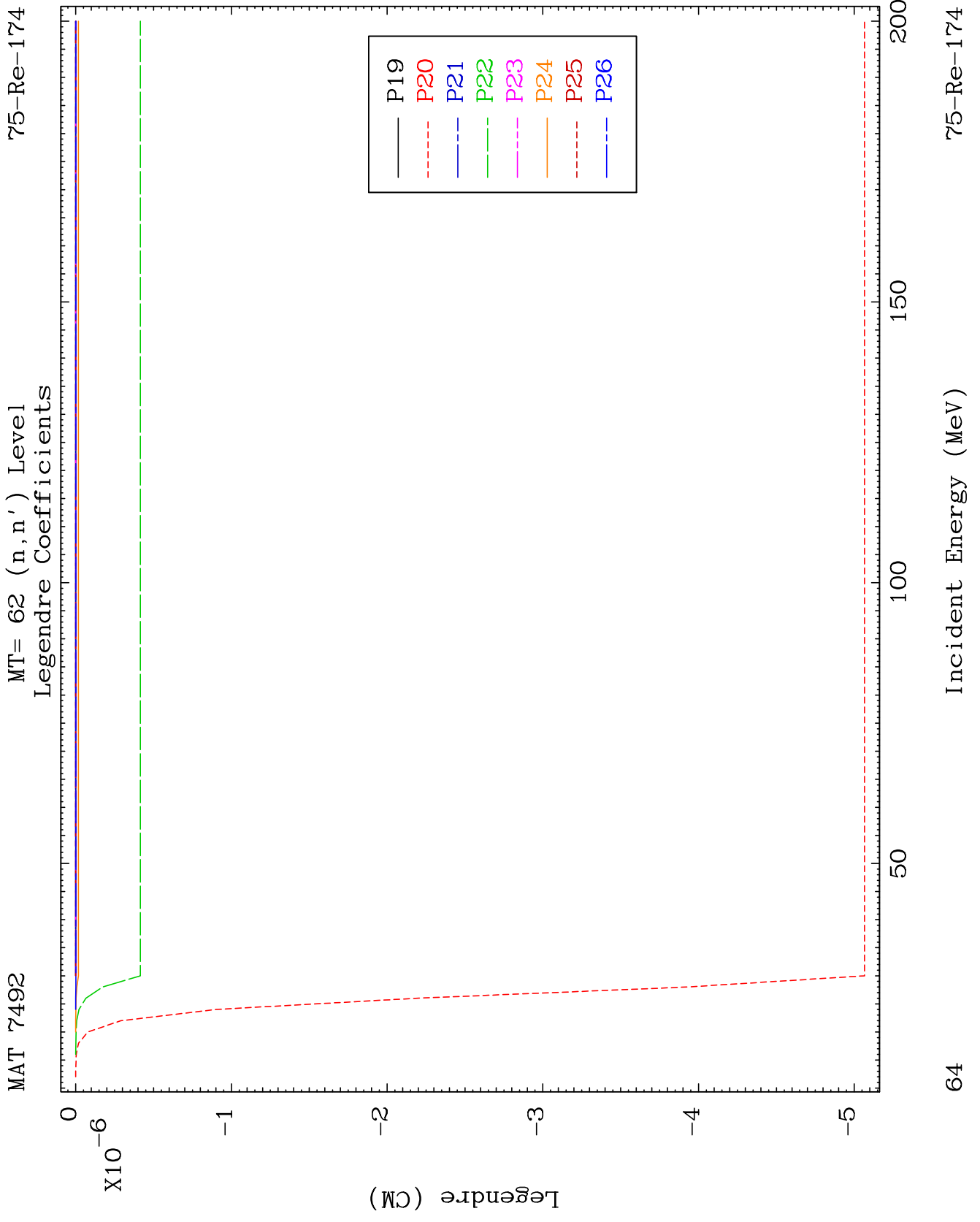
75-Re-174



63

75-Re-174

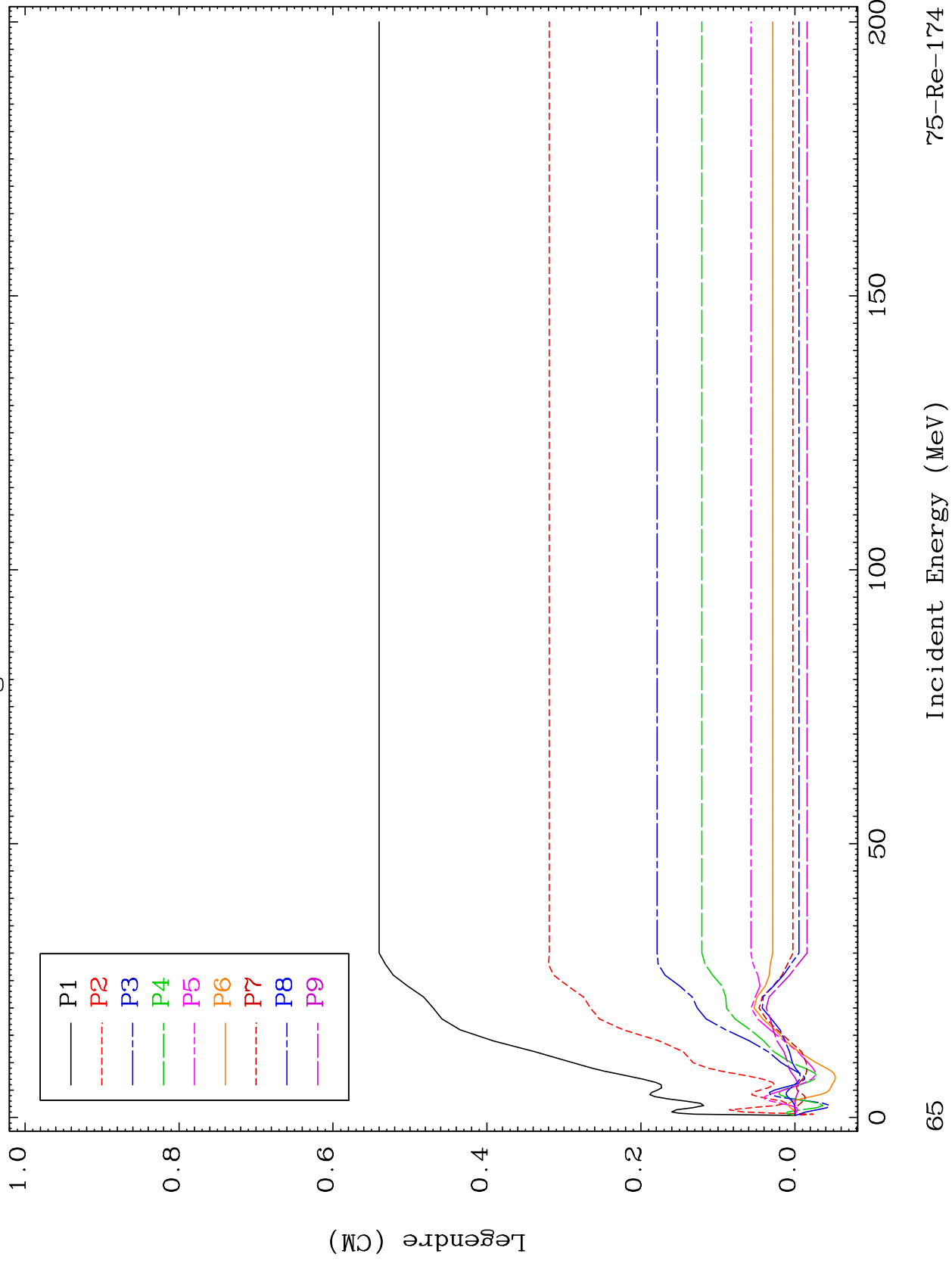




MAT 7492

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

75-Re-174



75-Re-174

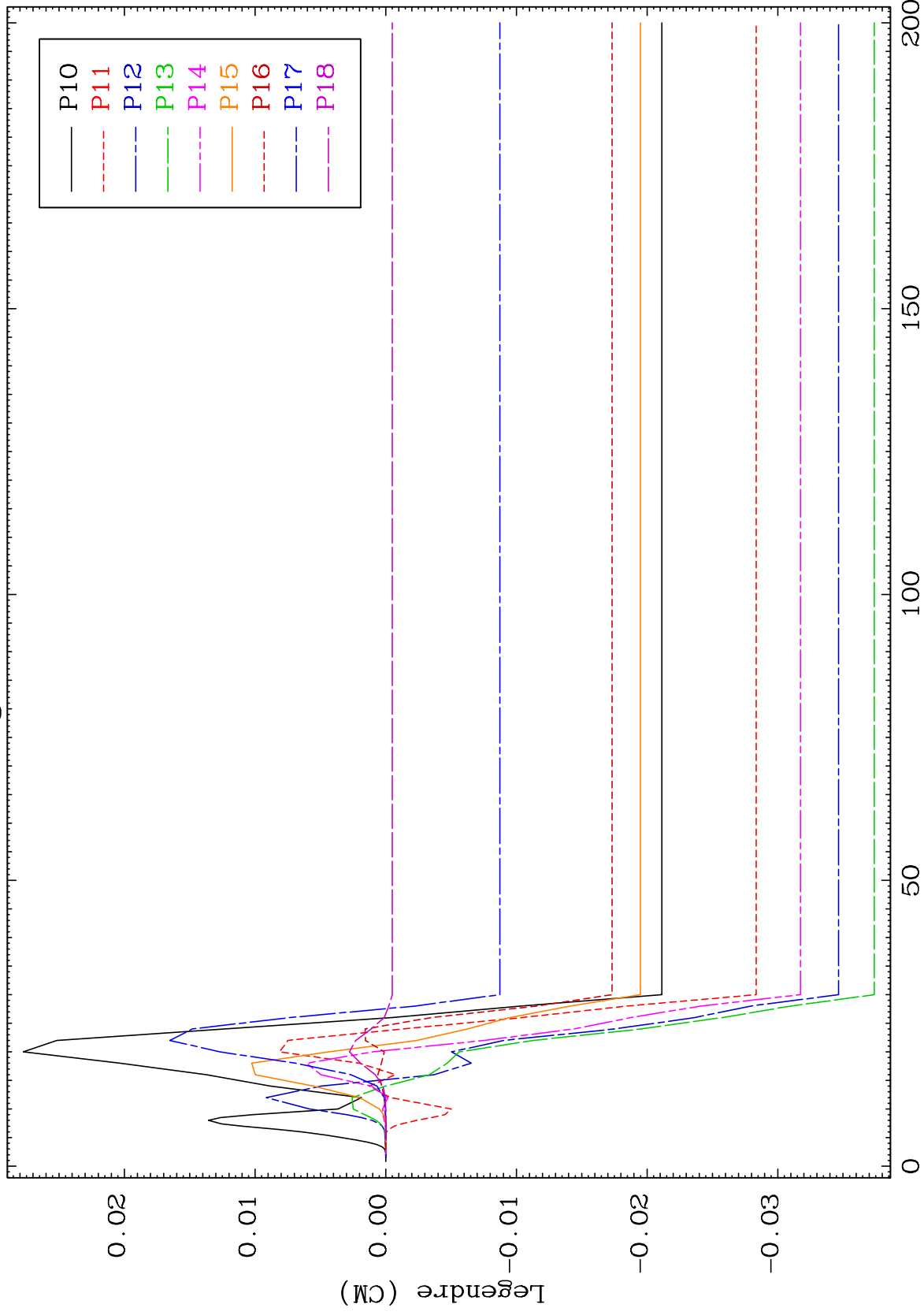
Incident Energy (MeV)

65

MAT 7492

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

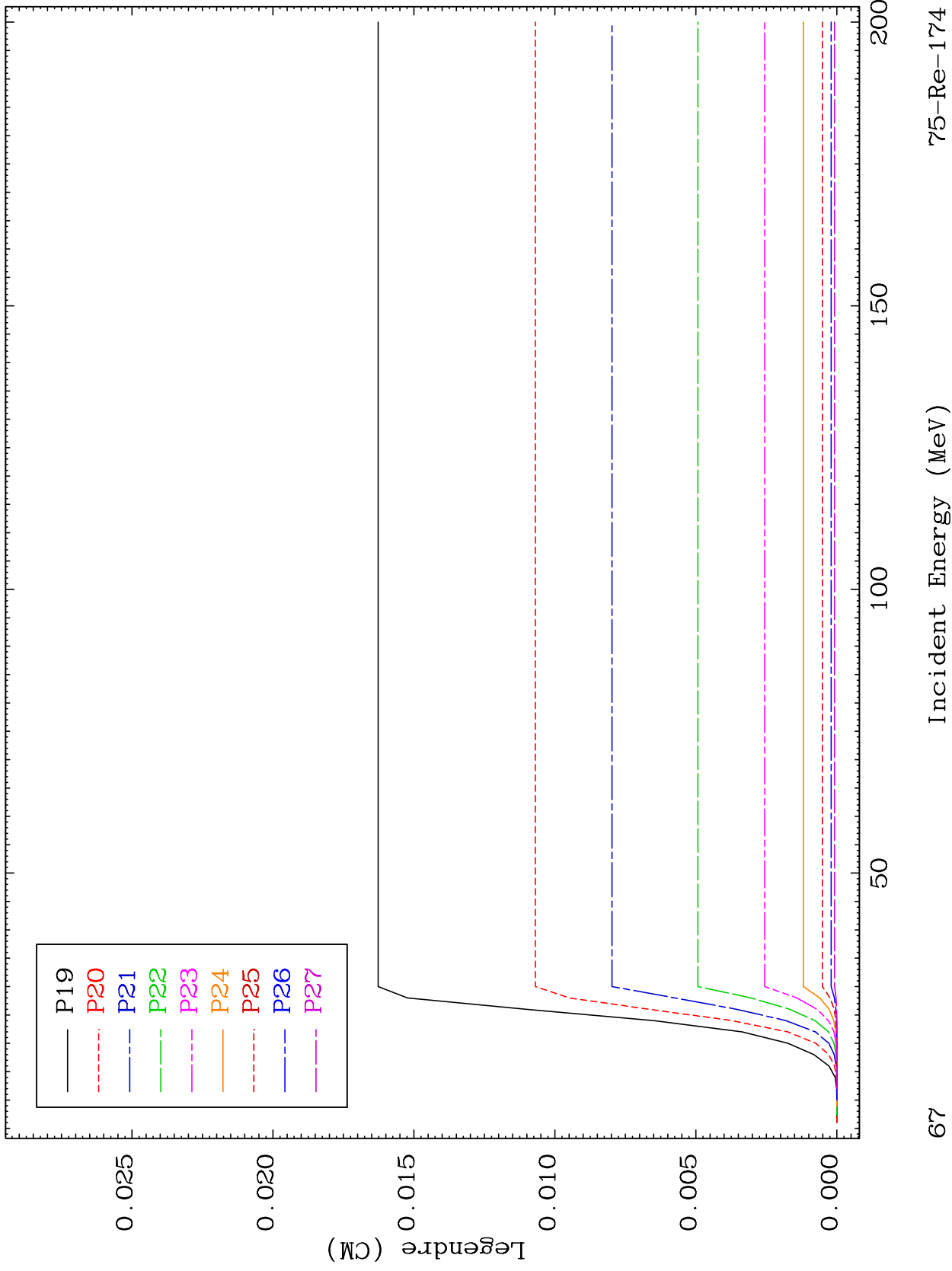
75-Re-174



66

Incident Energy (MeV)

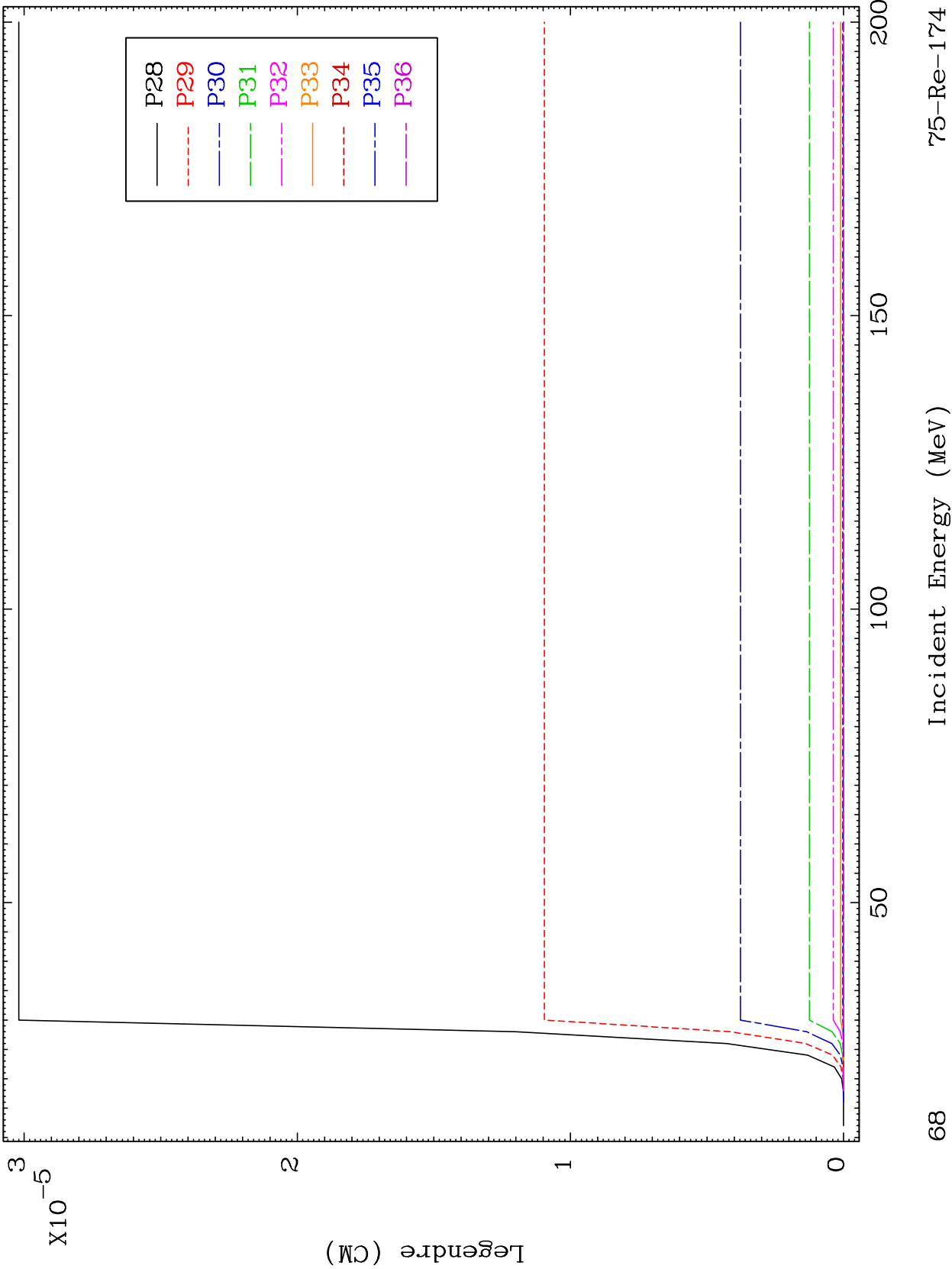
75-Re-174



MAT 7492

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

75-Re-174



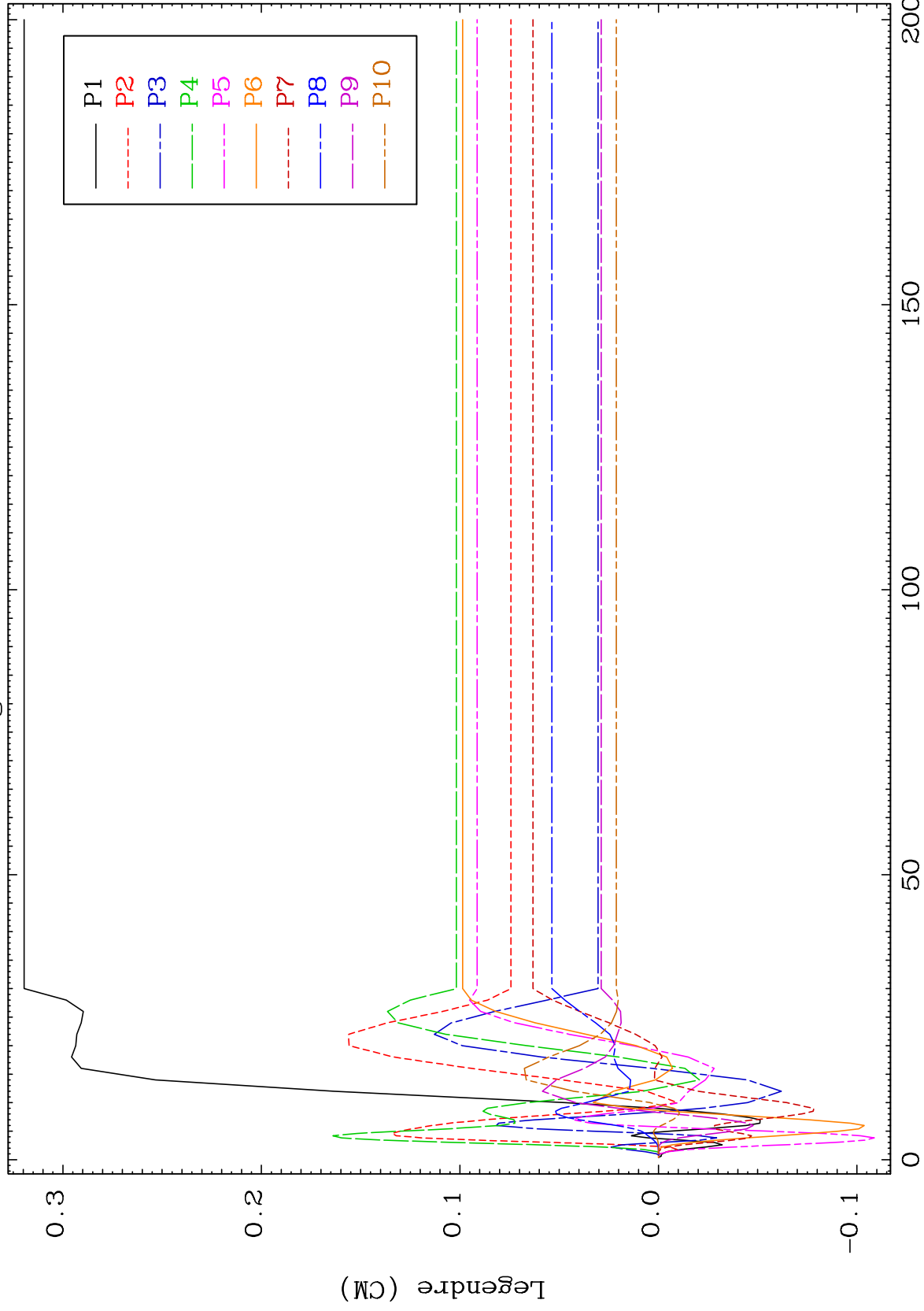
68

75-Re-174

MAT 7492

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

75-Re-174



69

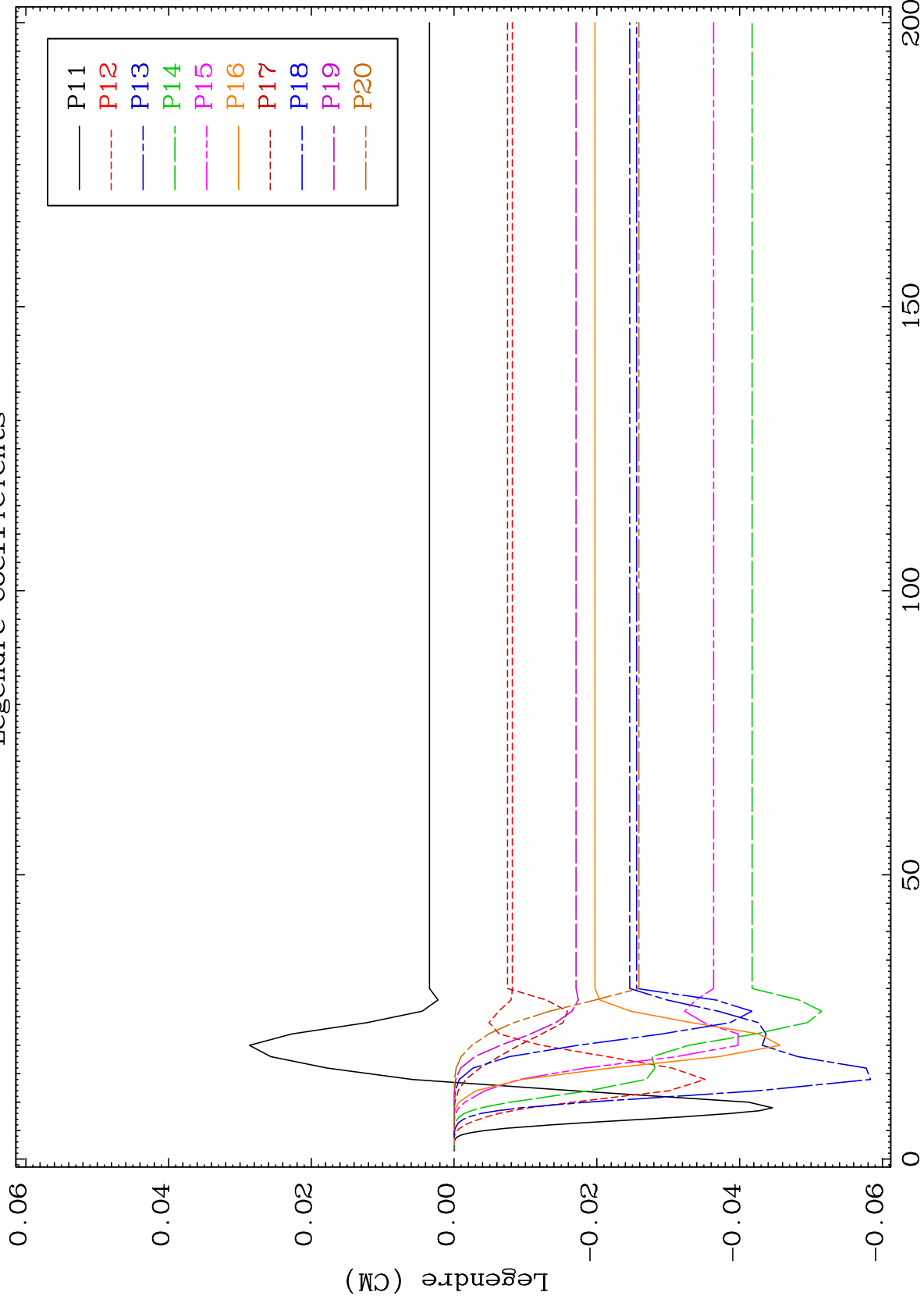
Incident Energy (MeV)

75-Re-174

MAT 7492

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

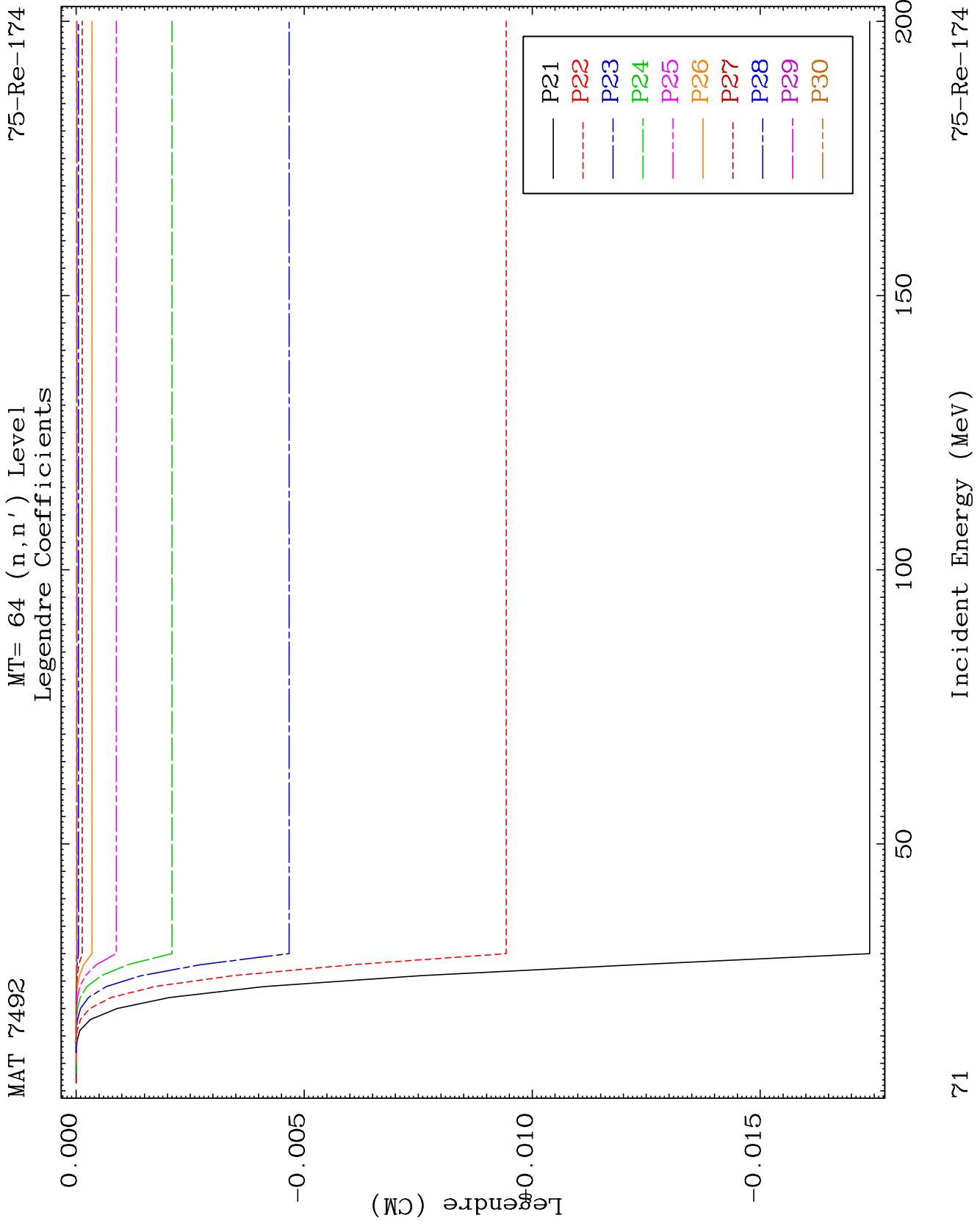
75-Re-174



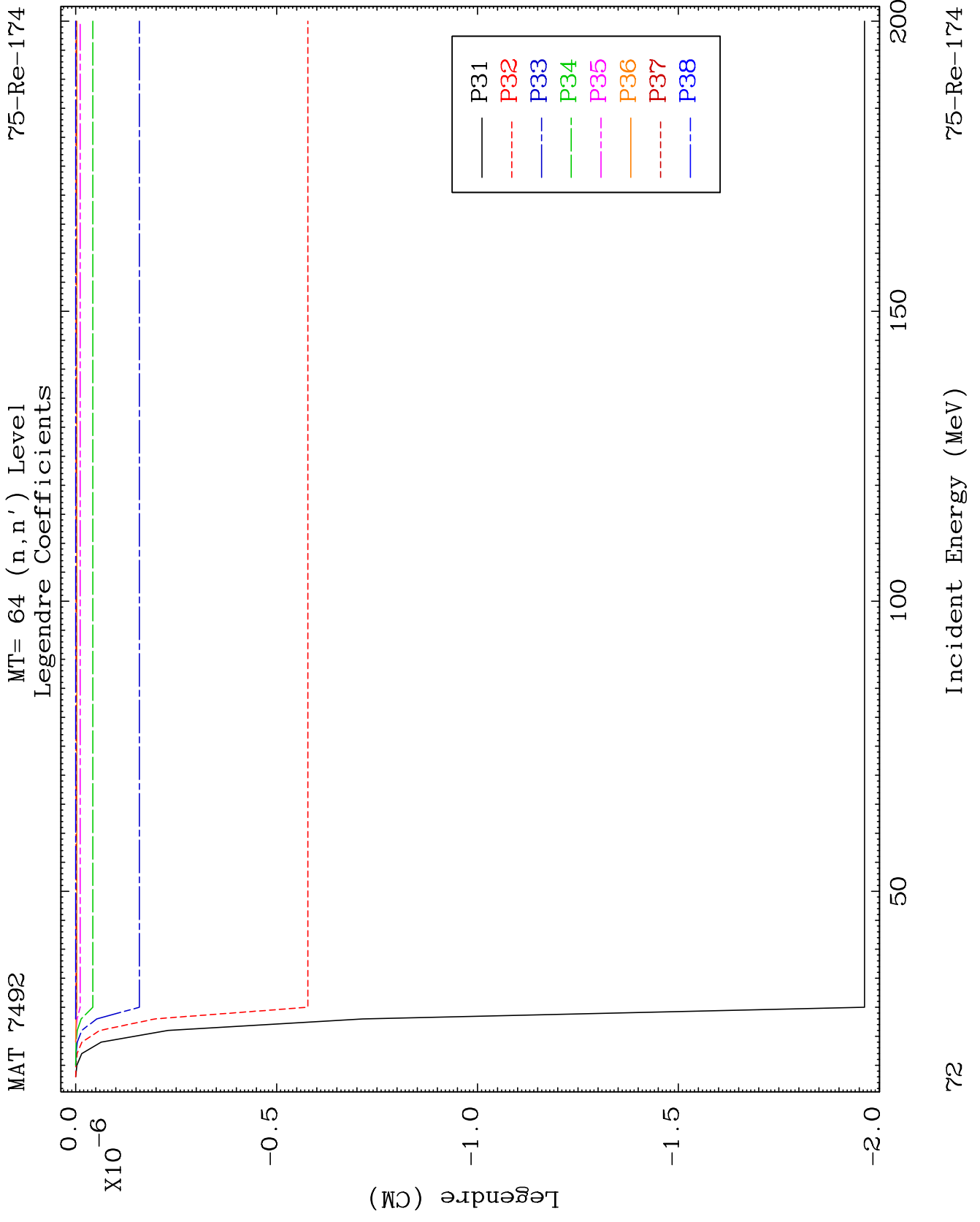
75-Re-174

Incident Energy (MeV)

70



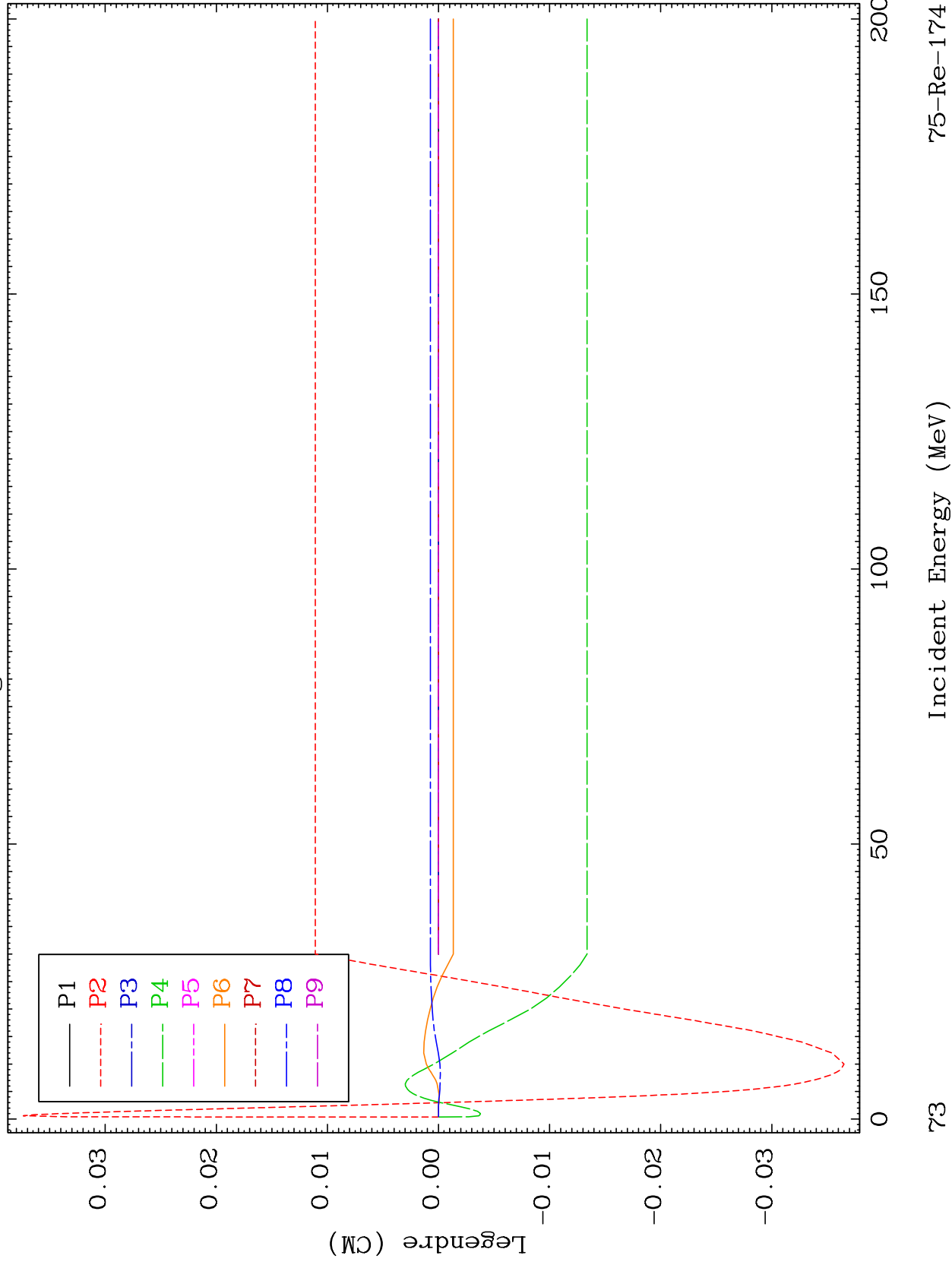




MAT 7492

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

75-Re-174



75-Re-174

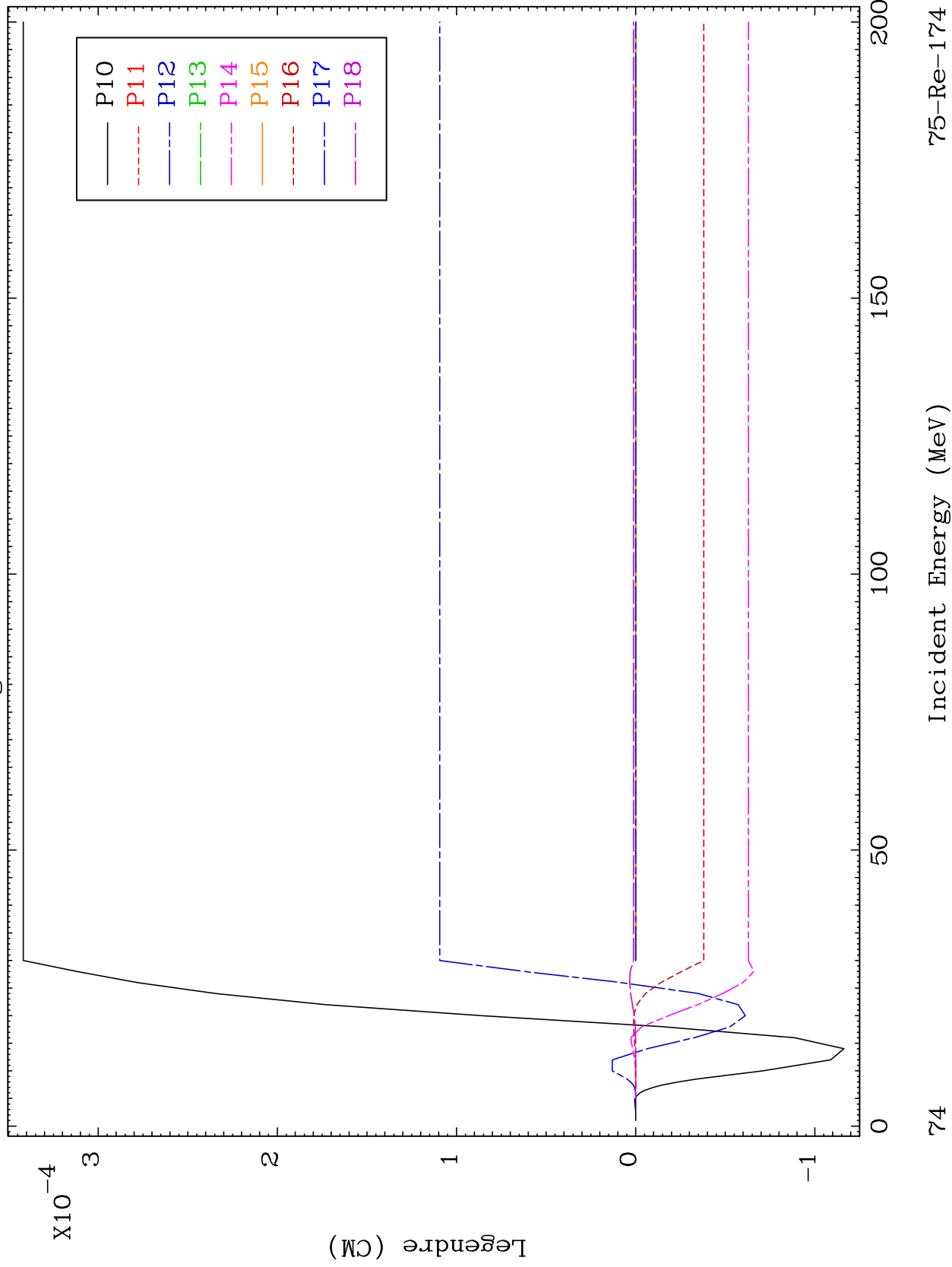
Incident Energy (MeV)

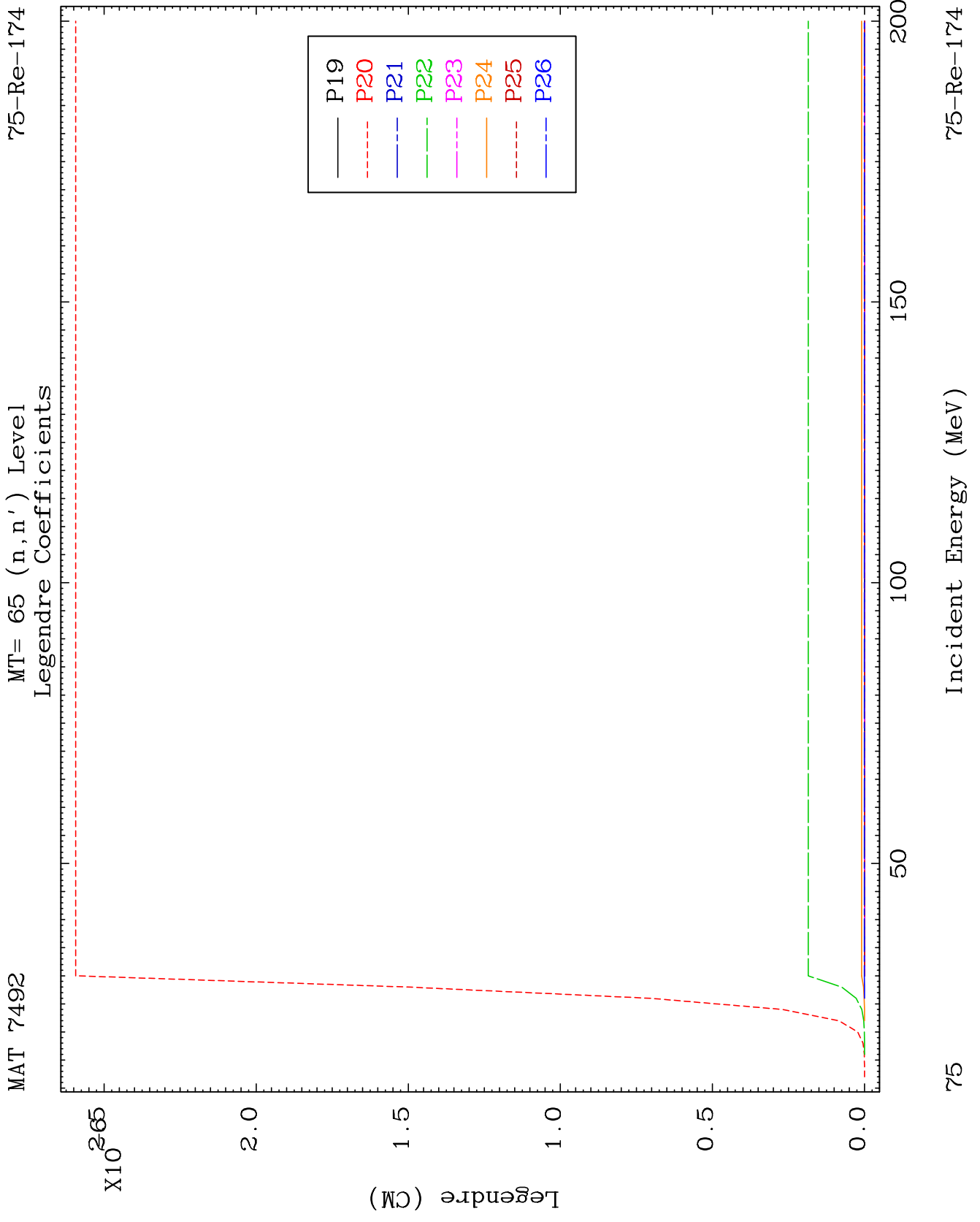
73

MAT 7492

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

75-Re-174



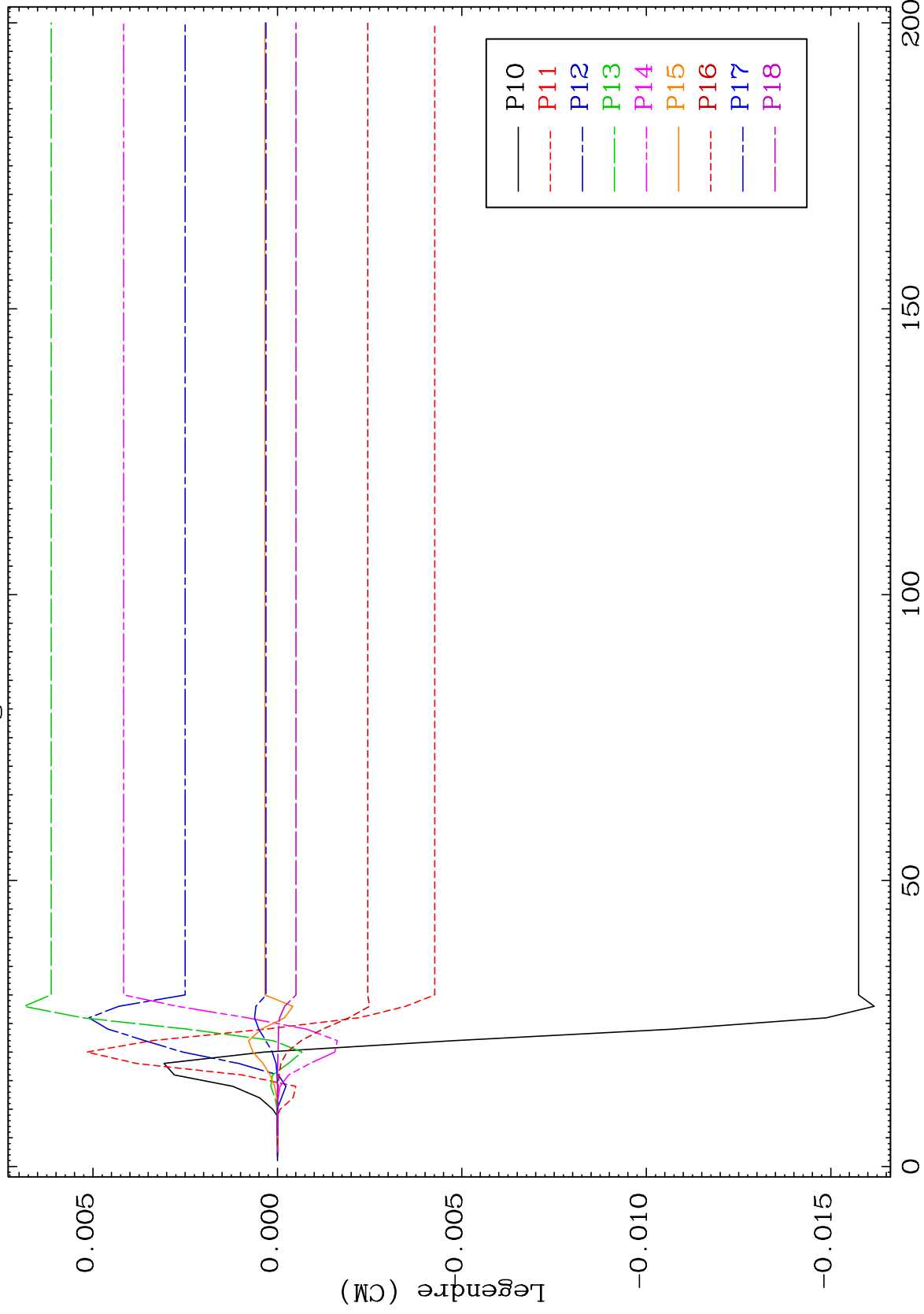




MAT 7492

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

75-Re-174



77

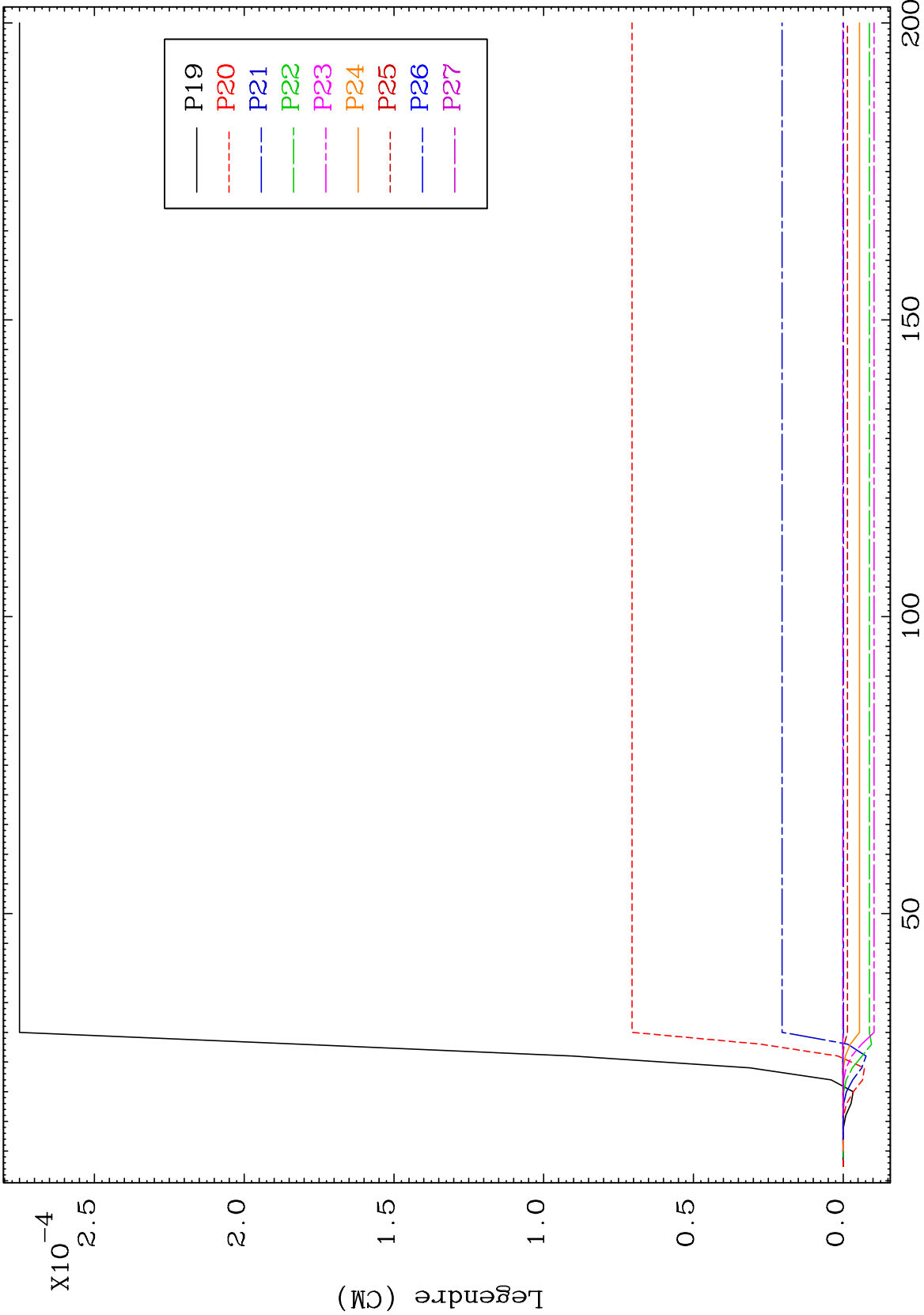
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



78

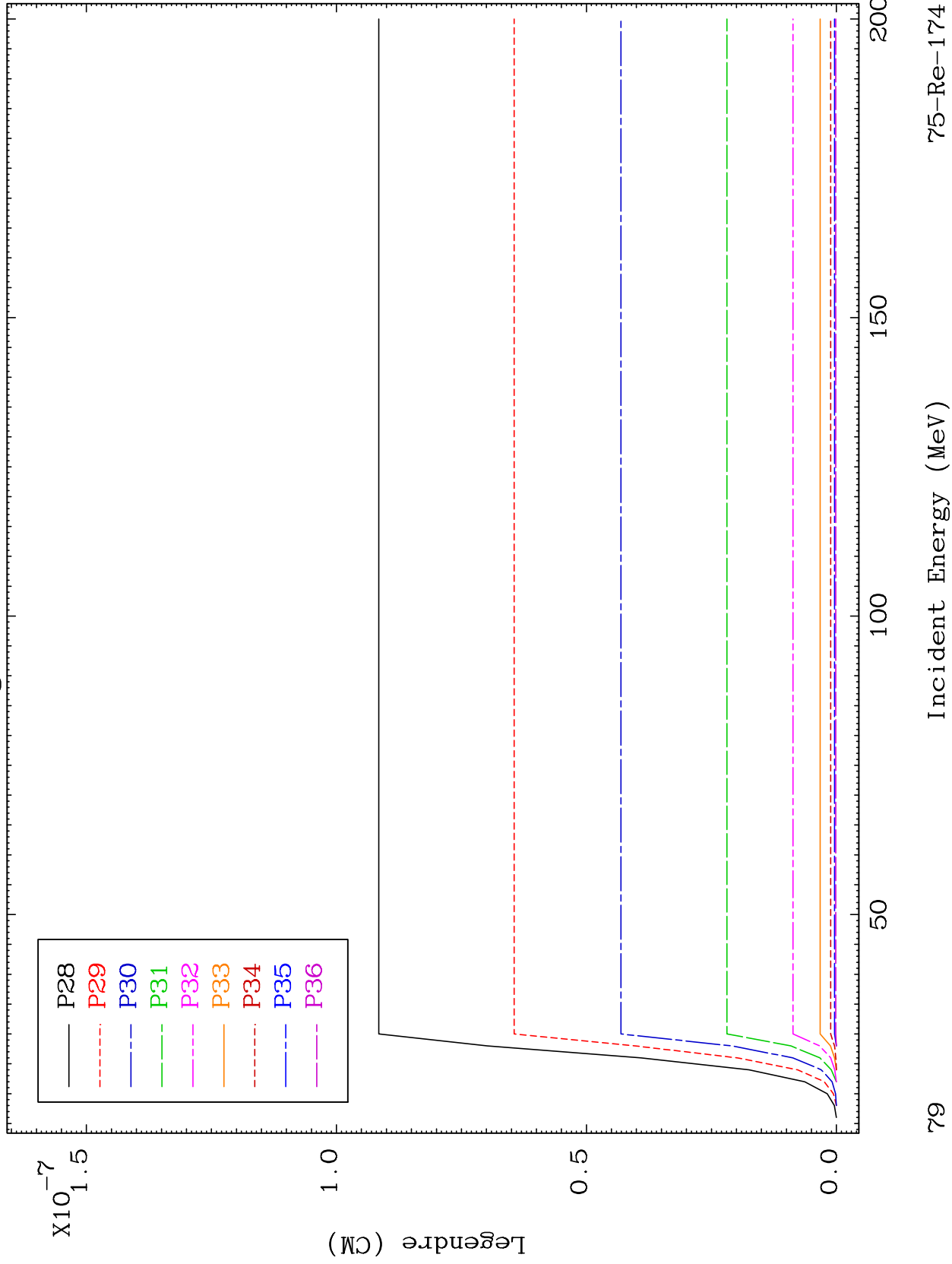
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



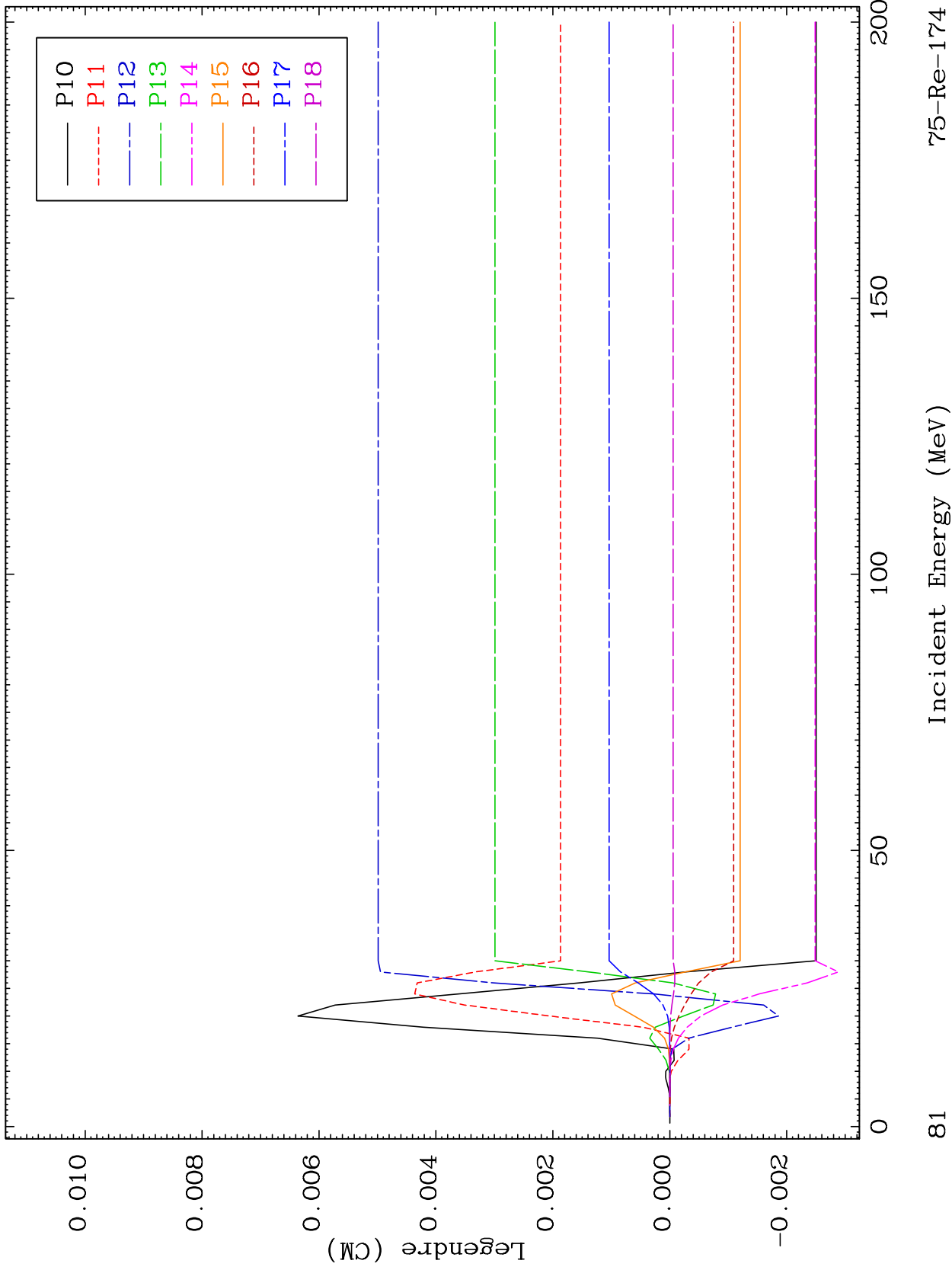




MAT 7492

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

75-Re-174



81

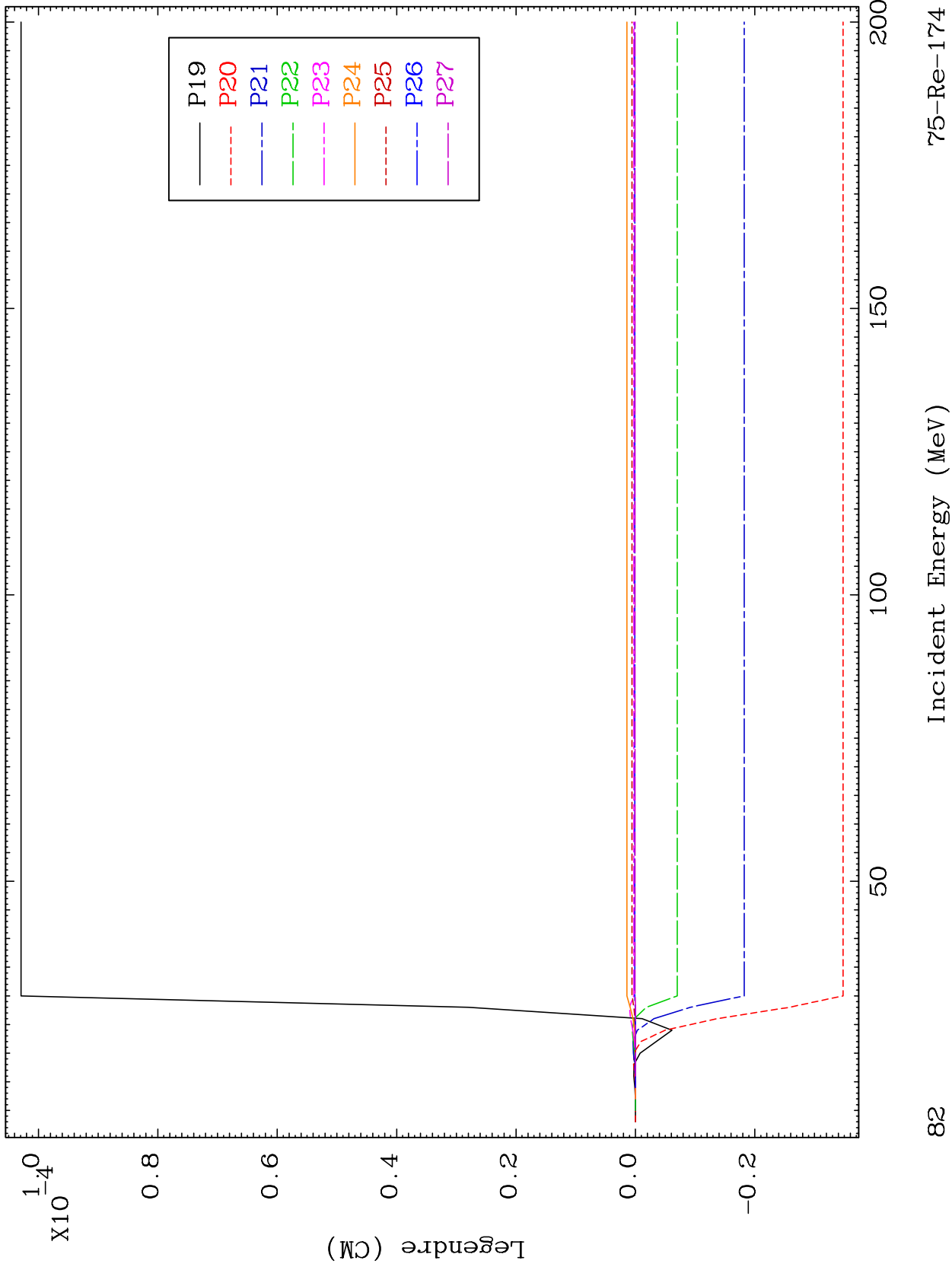
Incident Energy (MeV)

75-Re-174

MAT 7492

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

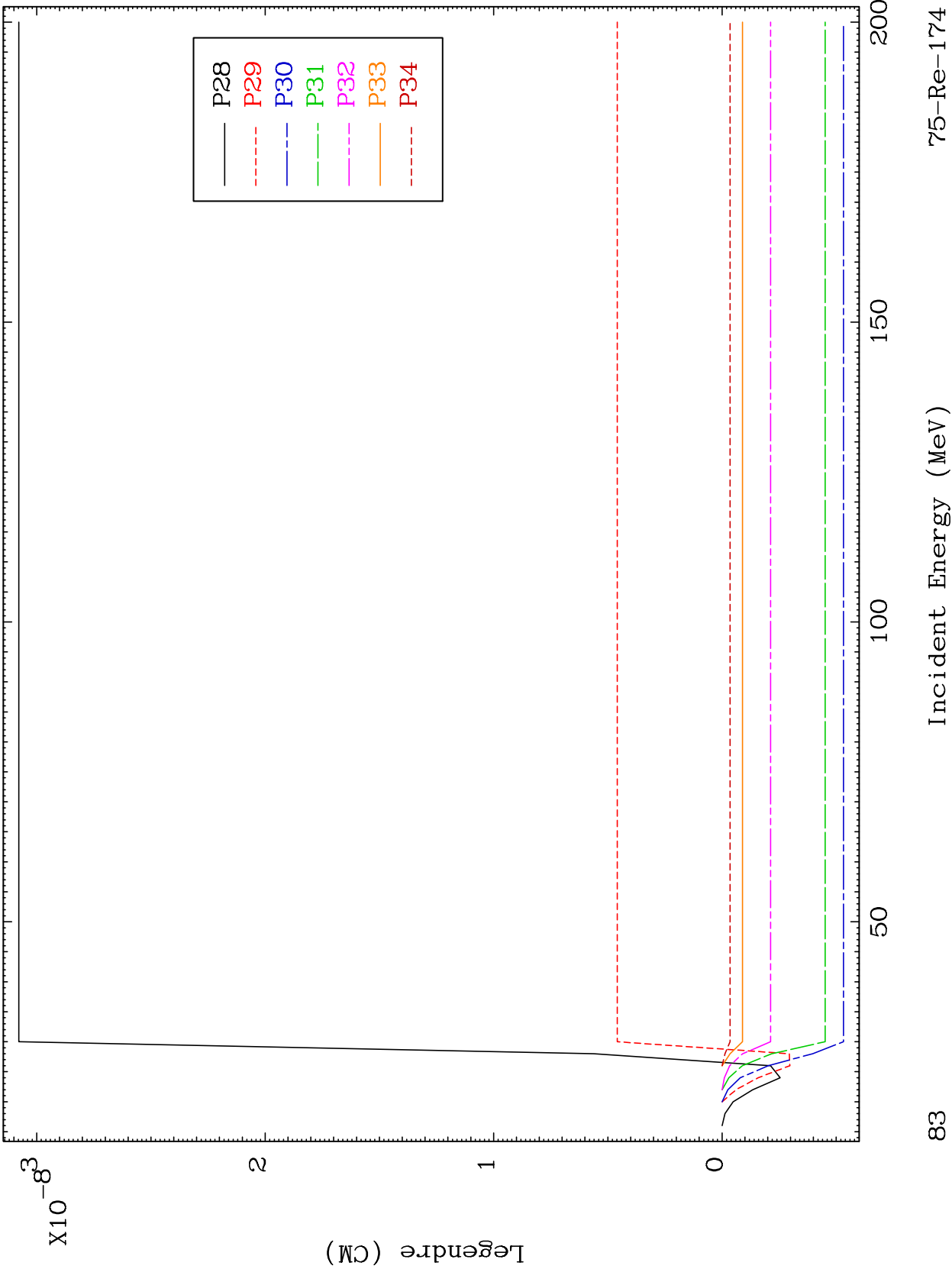
75-Re-174



MAT 7492

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

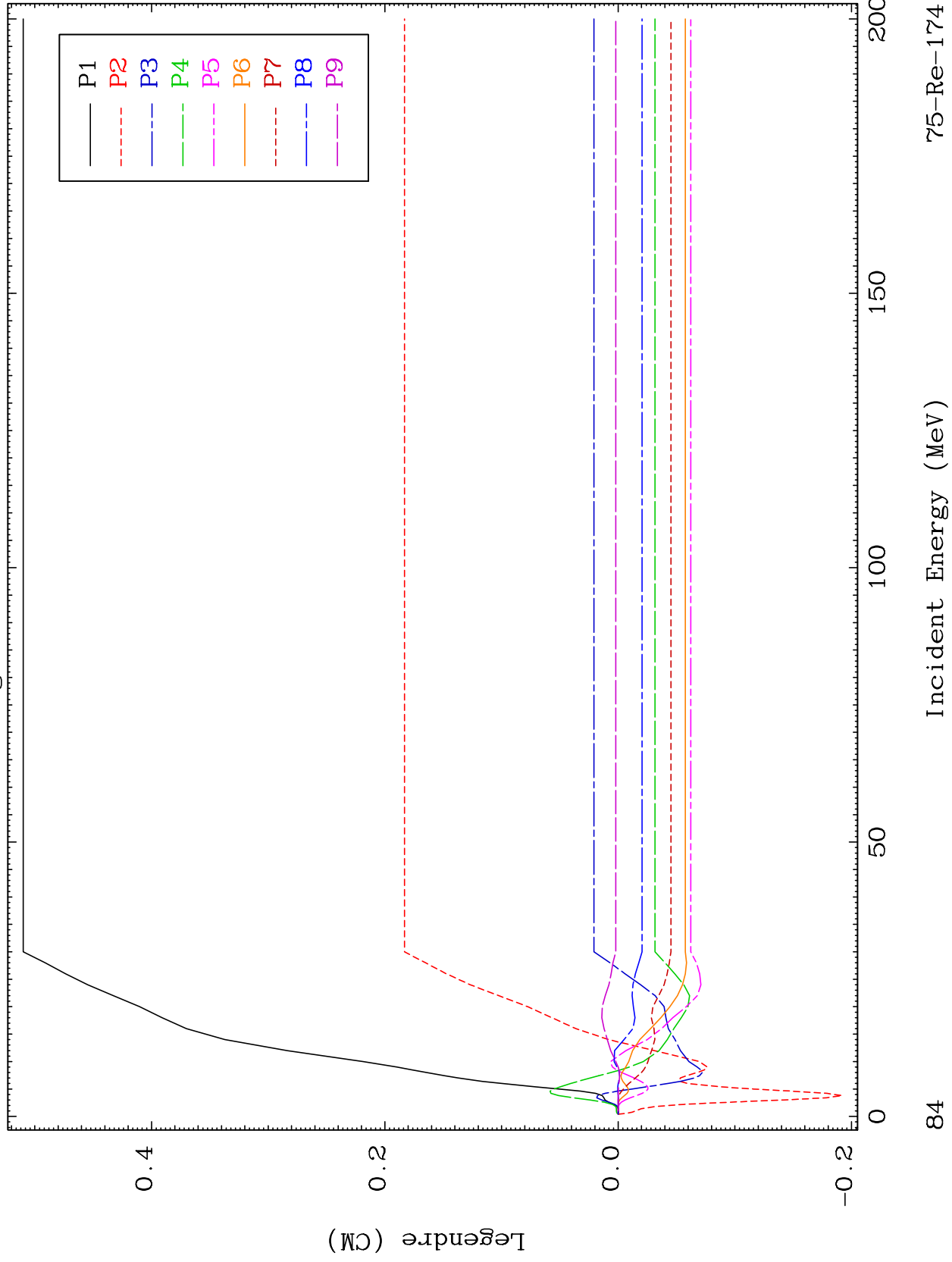
75-Re-174



MAT 7492

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

75-Re-174



75-Re-174

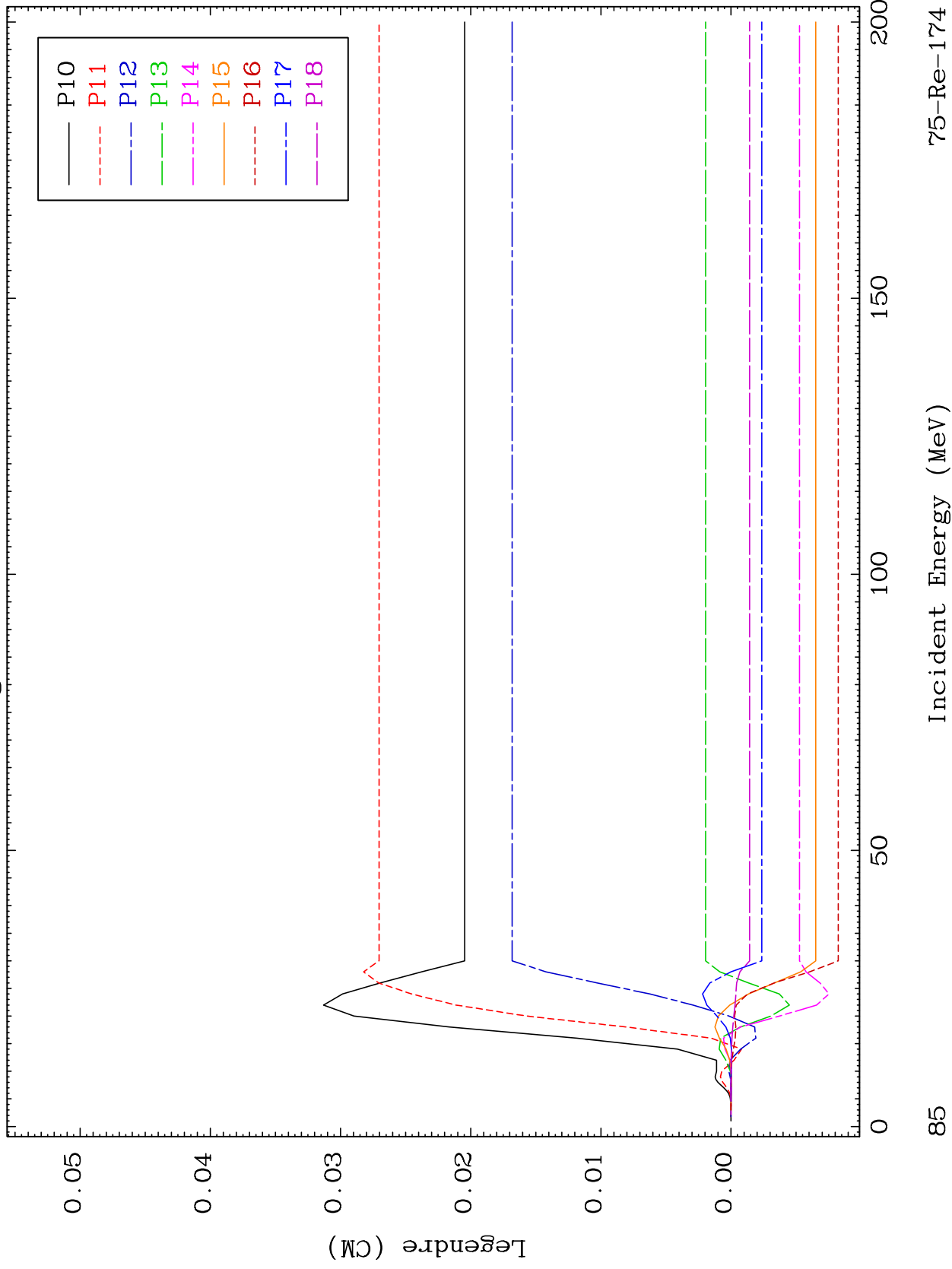
Incident Energy (MeV)

84

MAT 7492

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

75-Re-174



75-Re-174

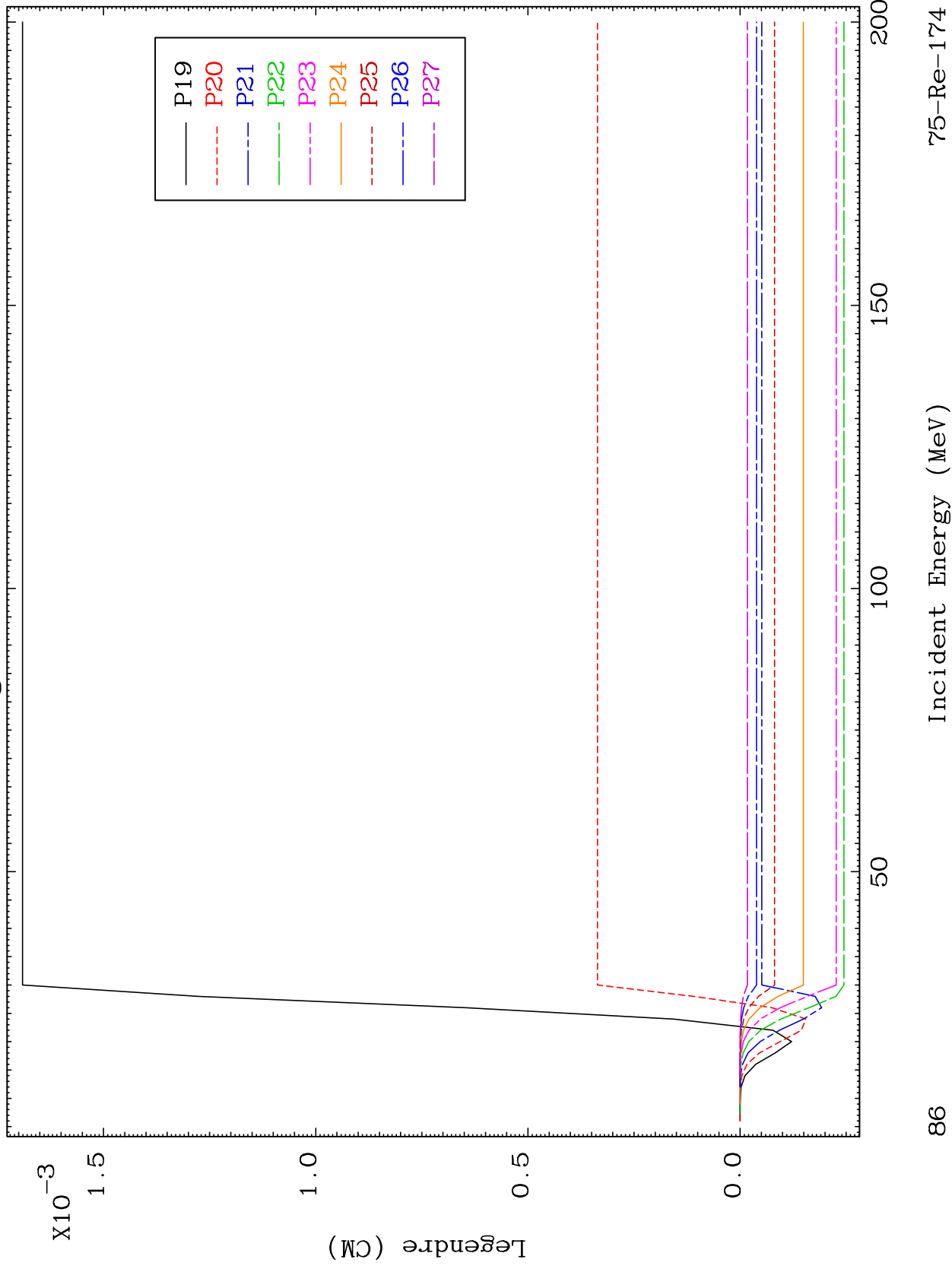
Incident Energy (MeV)

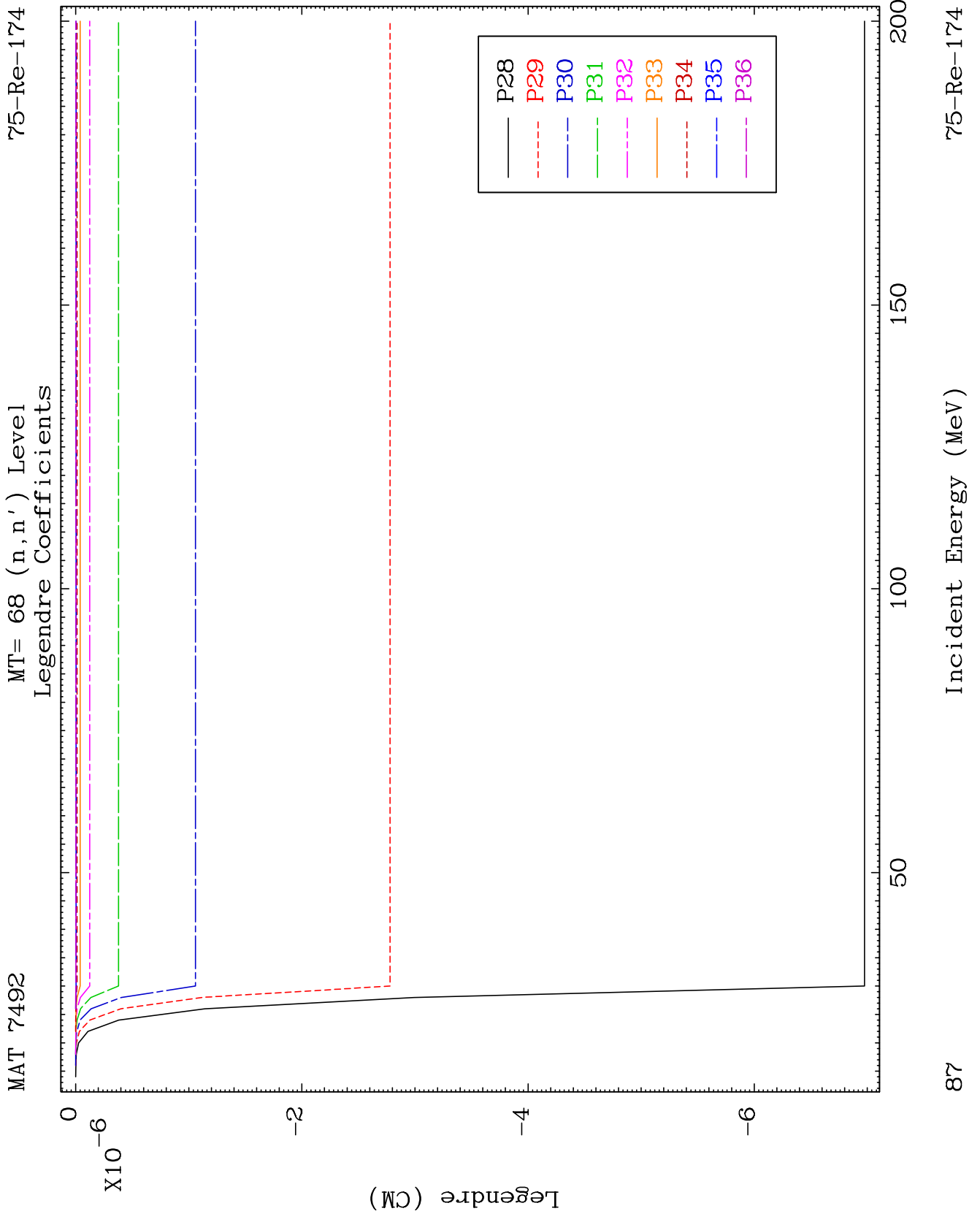
85

MAT 7492

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

75-Re-174



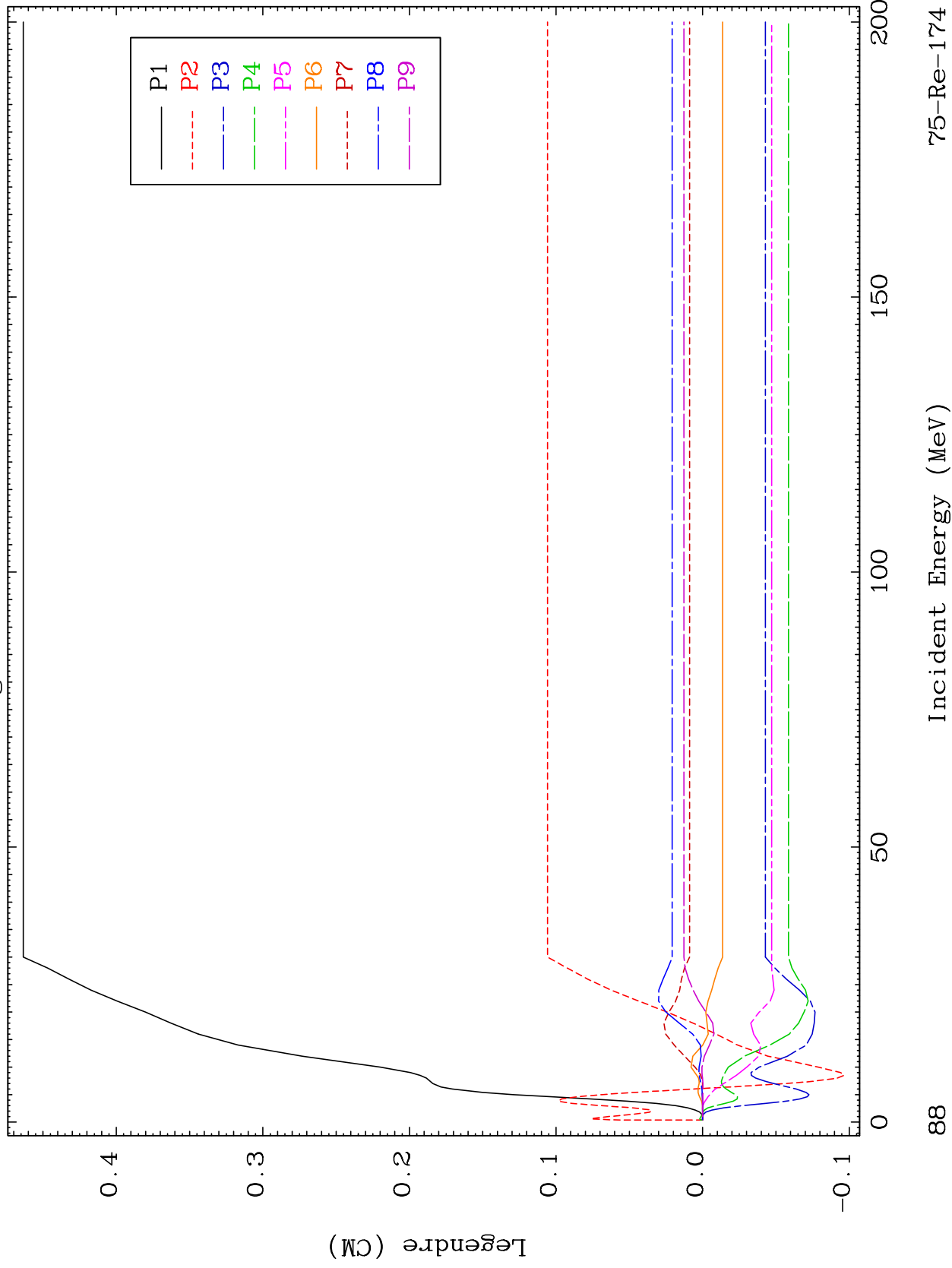




MAT 7492

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

75-Re-174



88

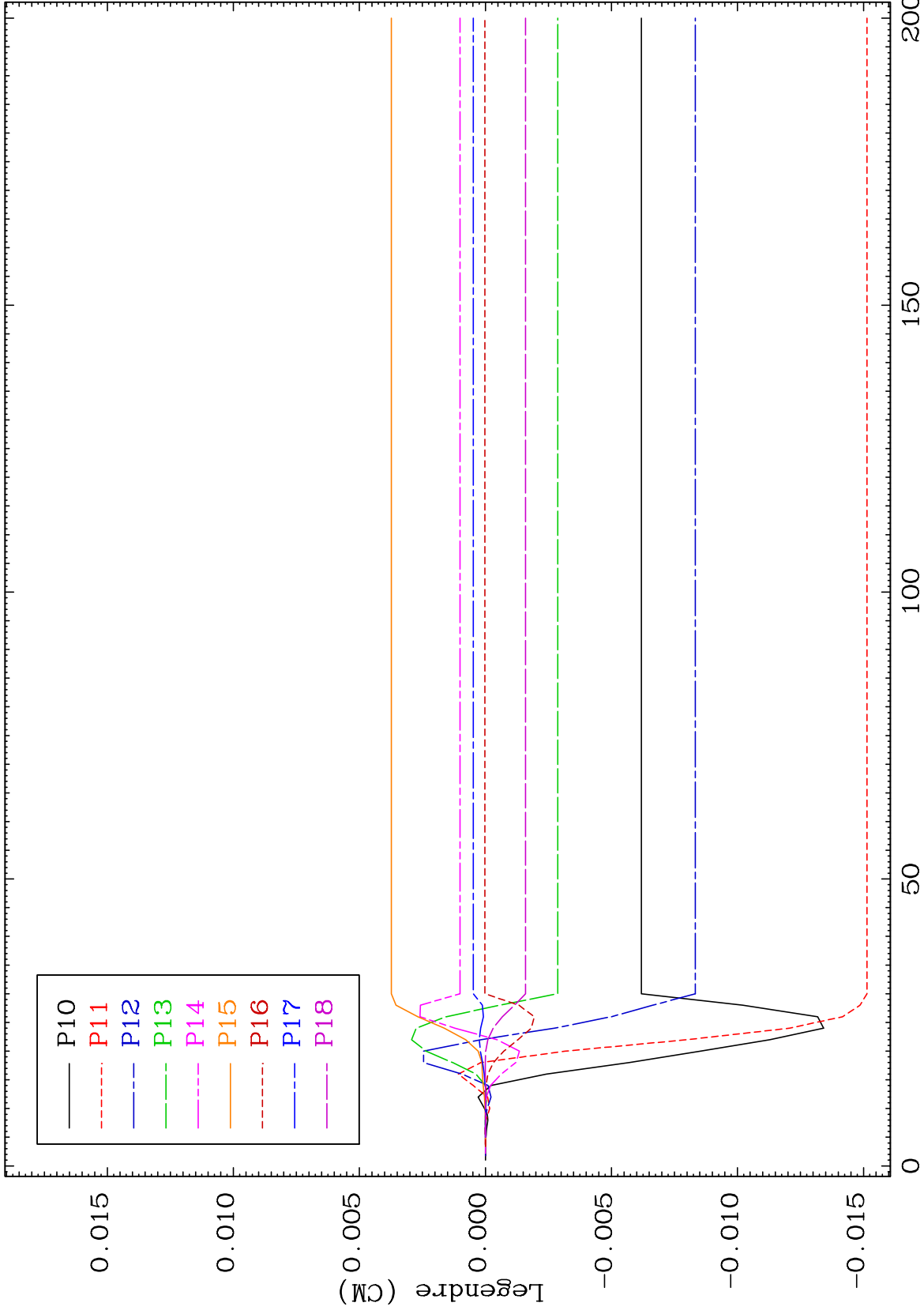
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



89

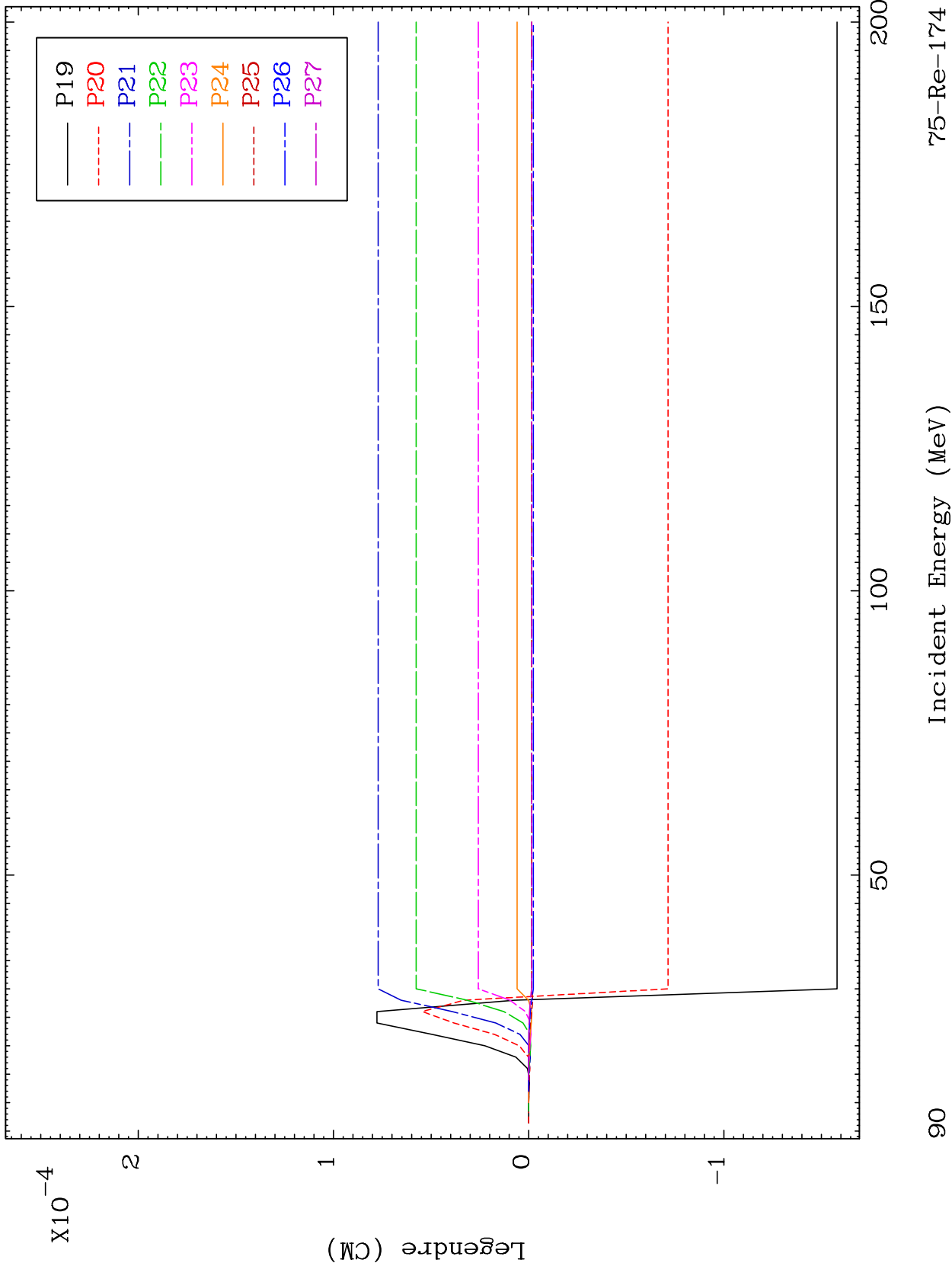
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



90

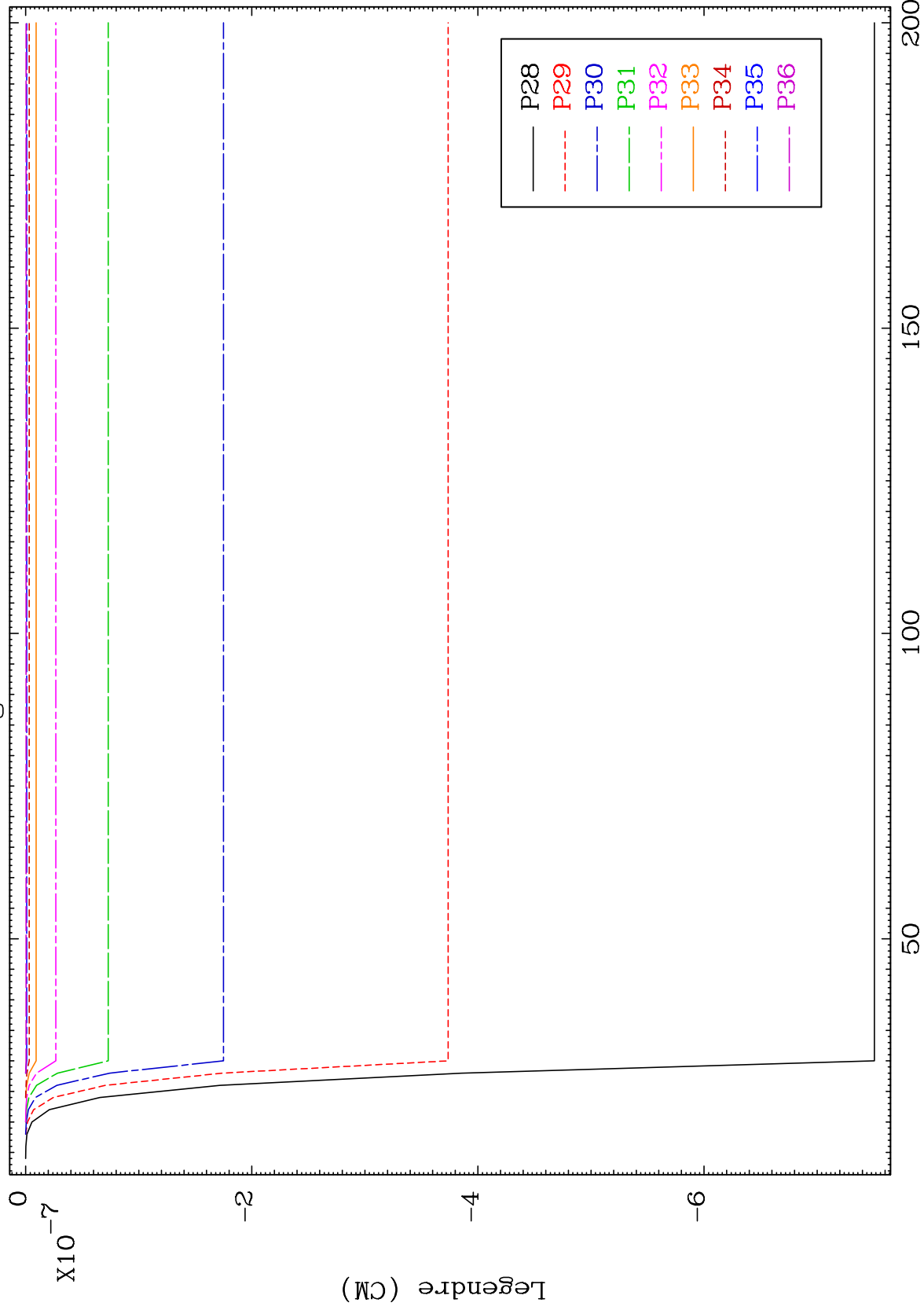
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174

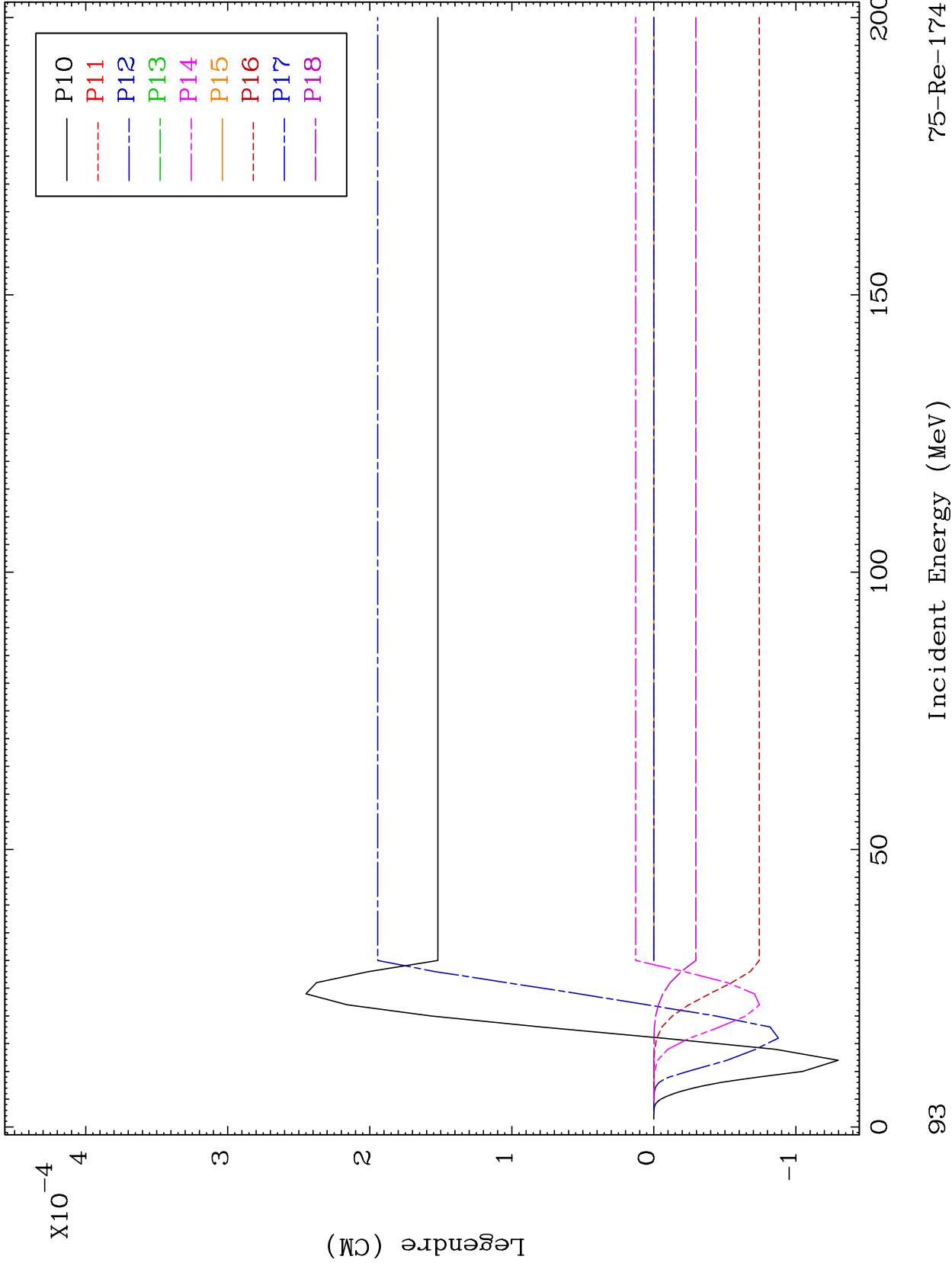




MAT 7492

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

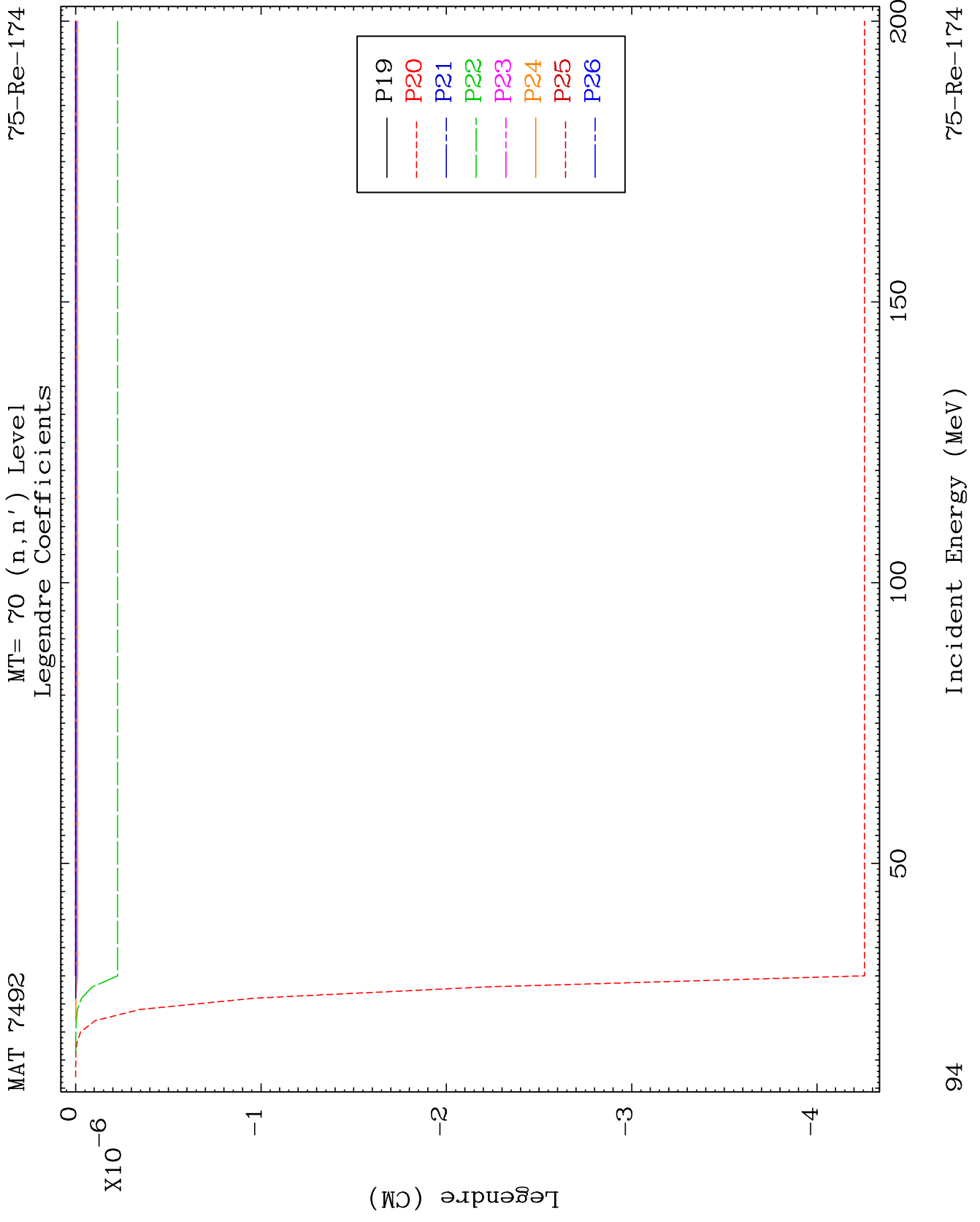
75-Re-174

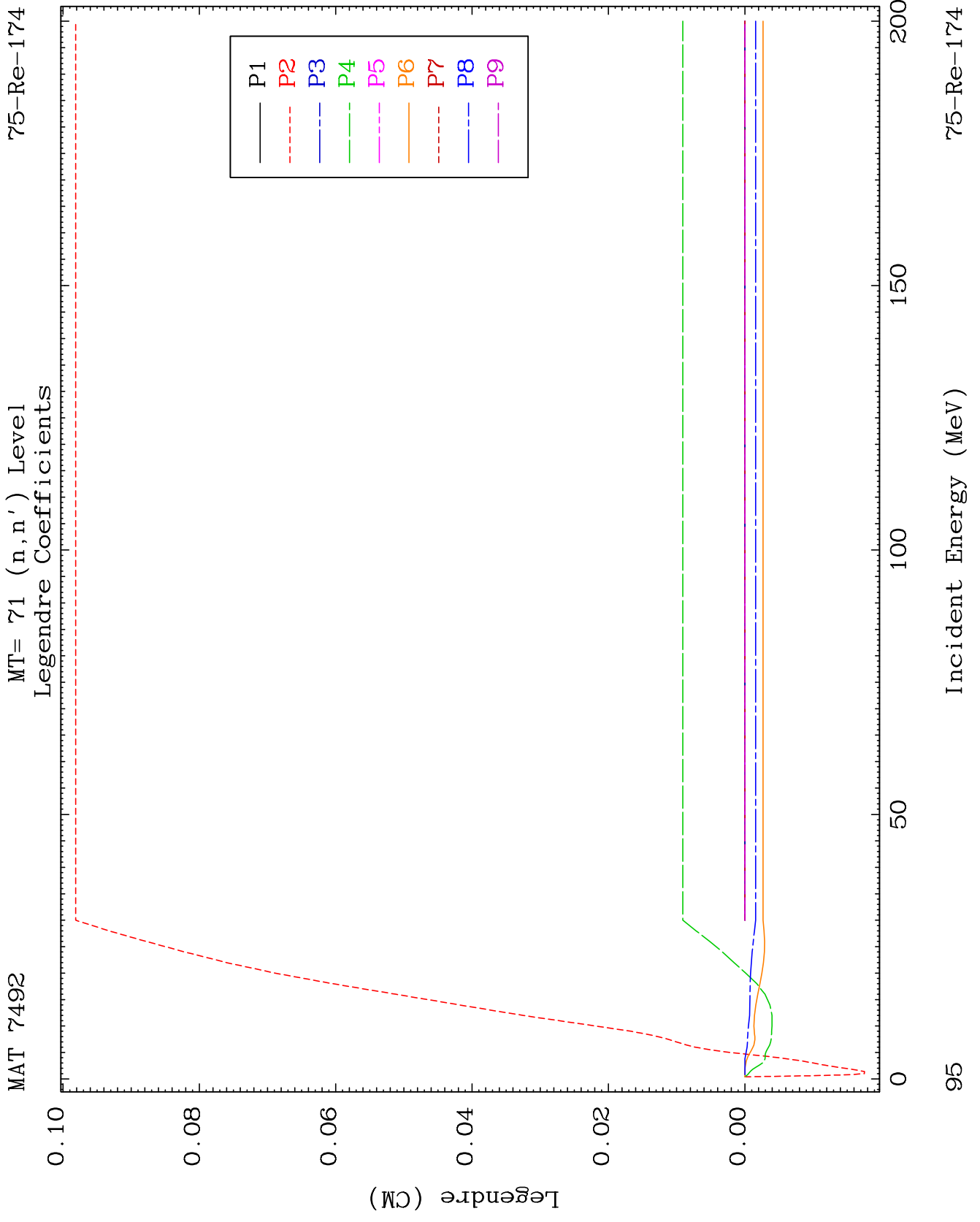


93

Incident Energy (MeV)

75-Re-174



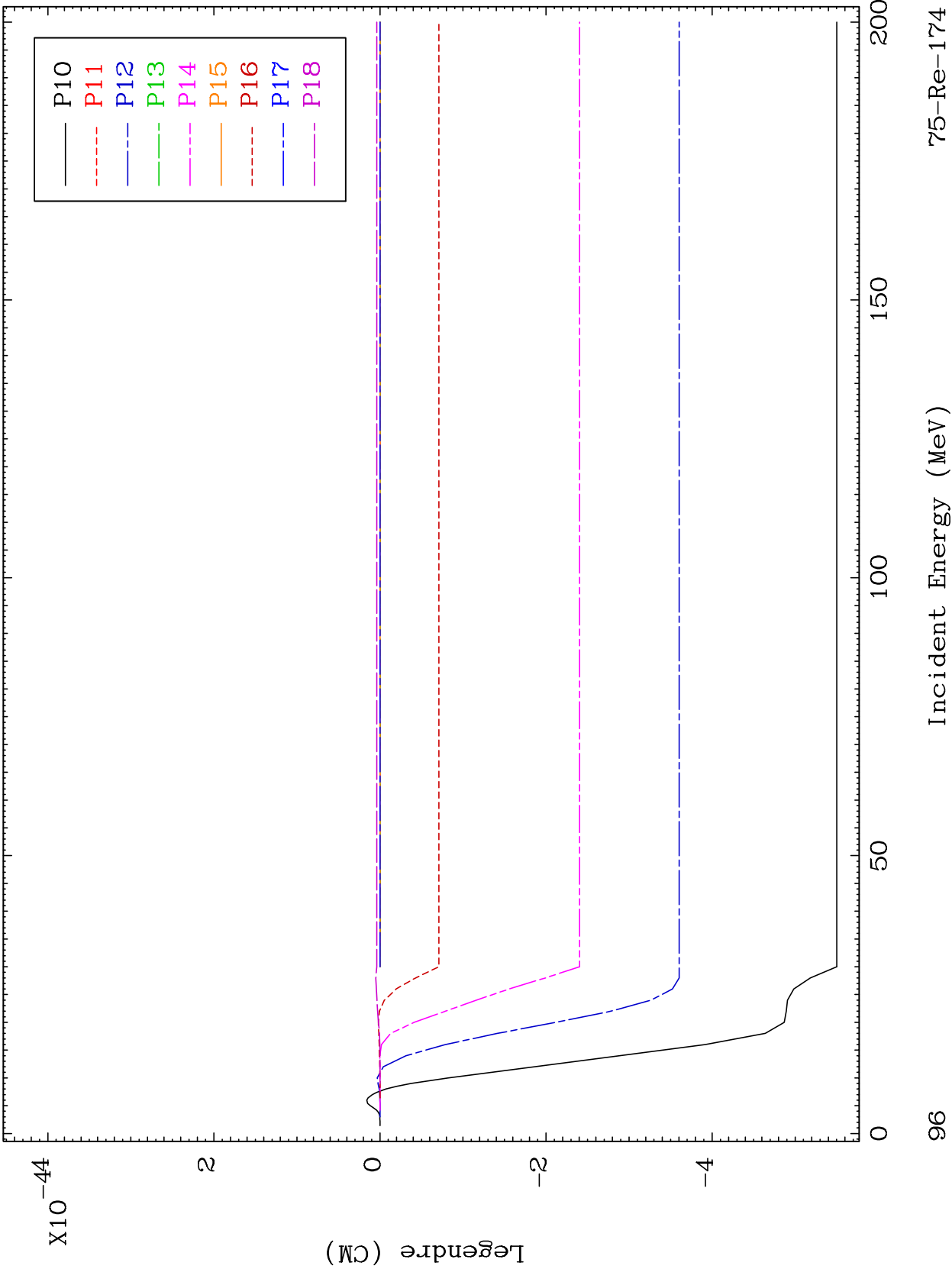




MAT 7492

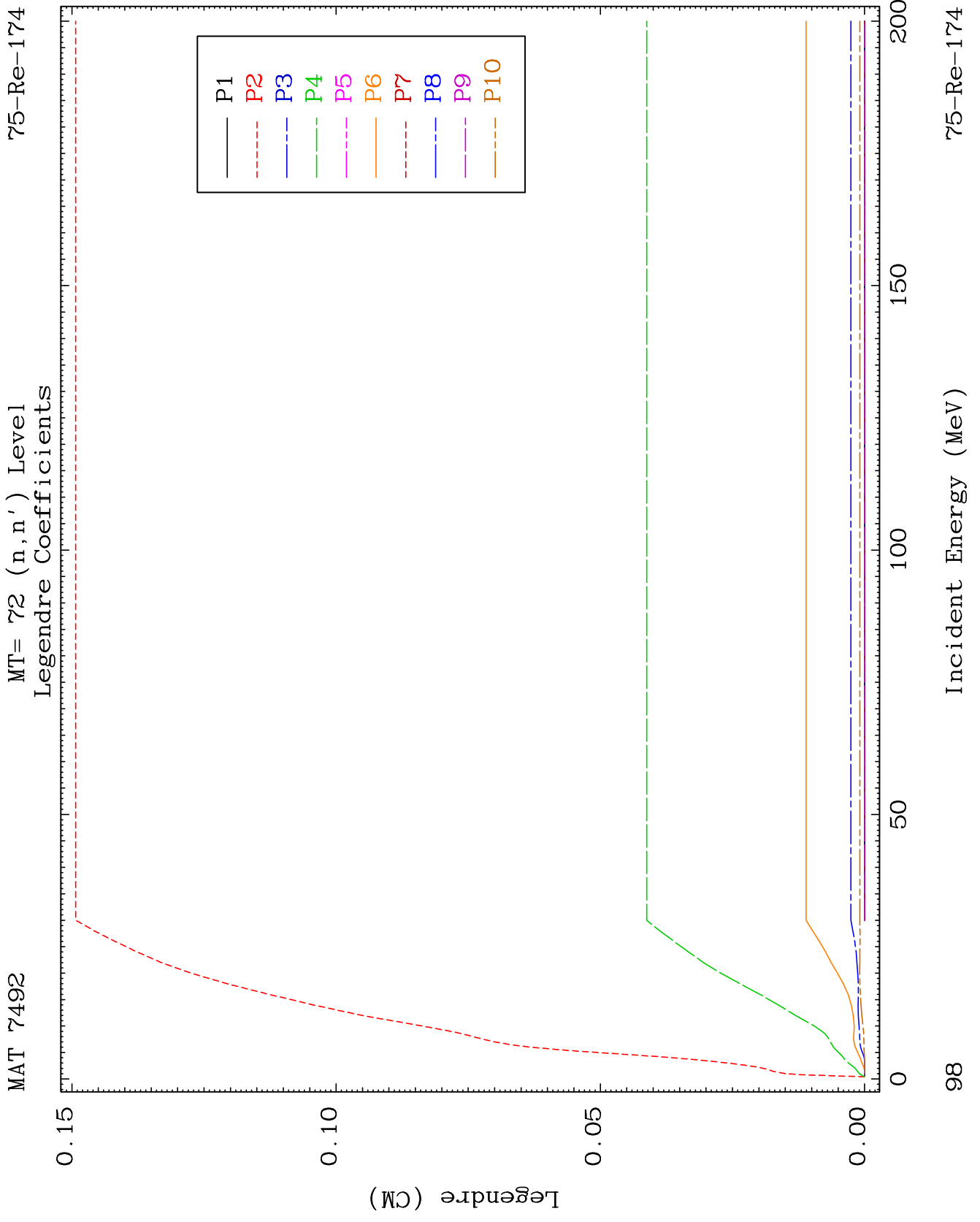
MT= 71 (n,n') Level  
Legendre Coefficients

75-Re-174



75-Re-174

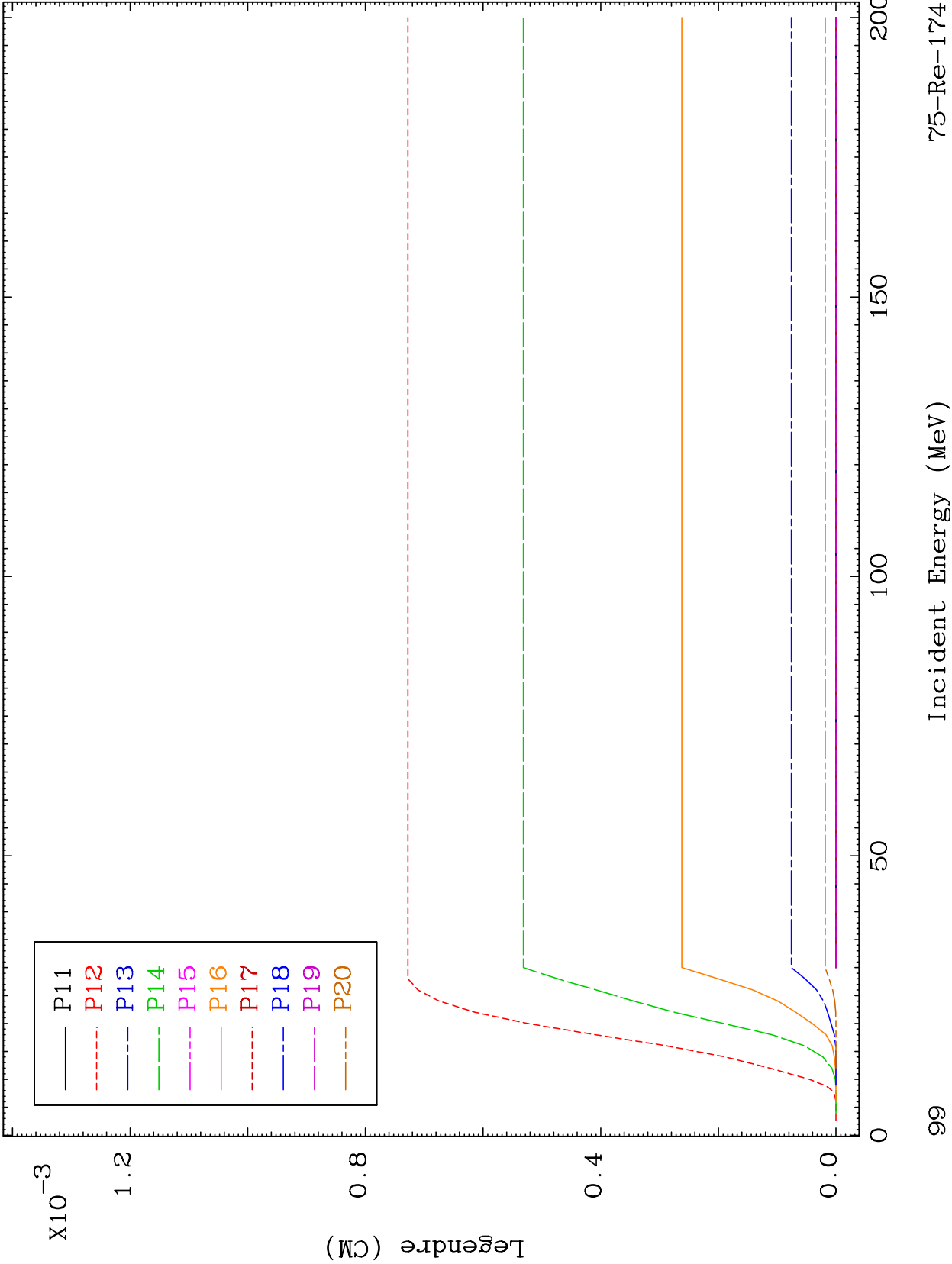




MAT 7492

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

75-Re-174



99

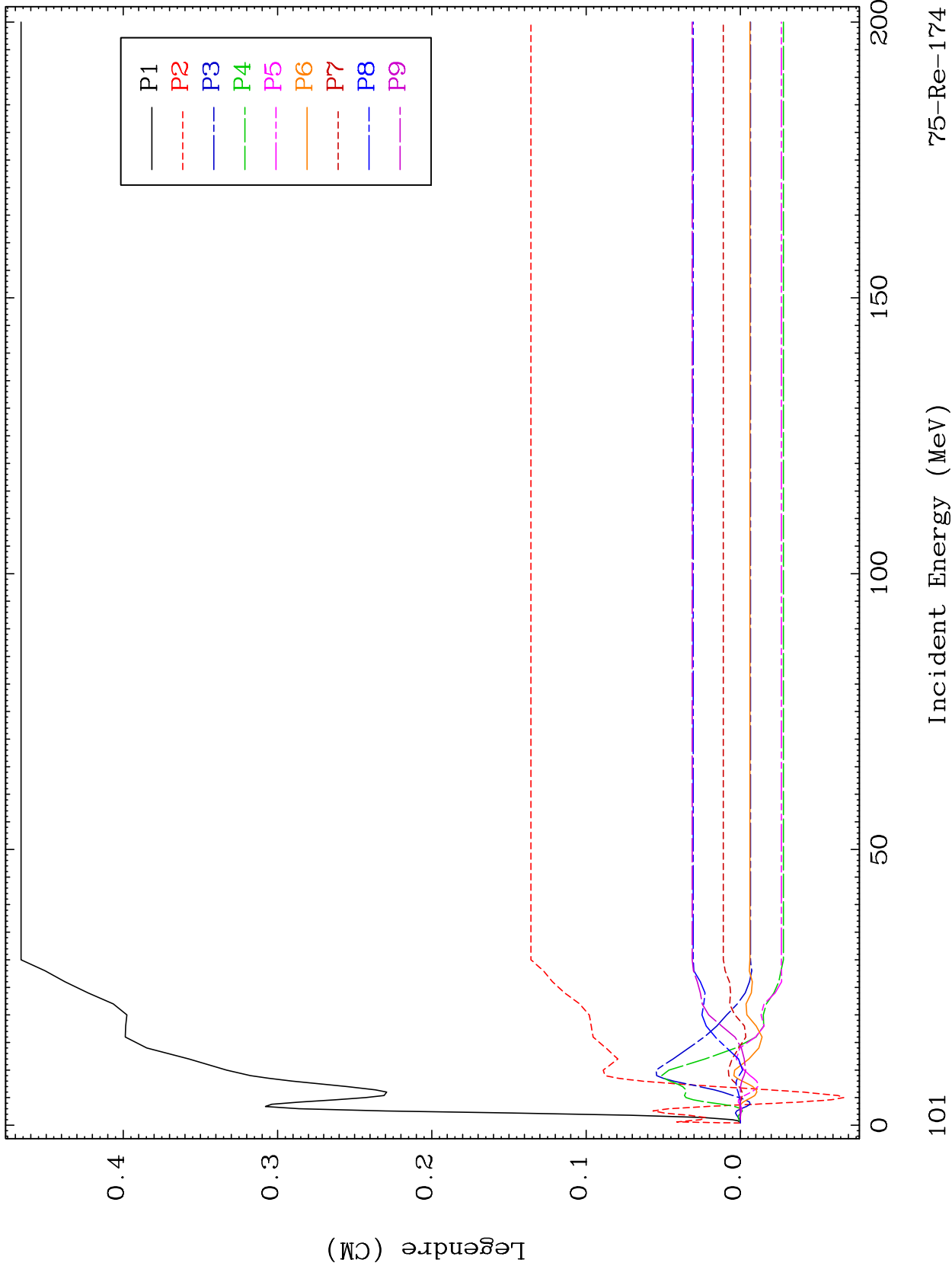
75-Re-174



MAT 7492

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

75-Re-174



101

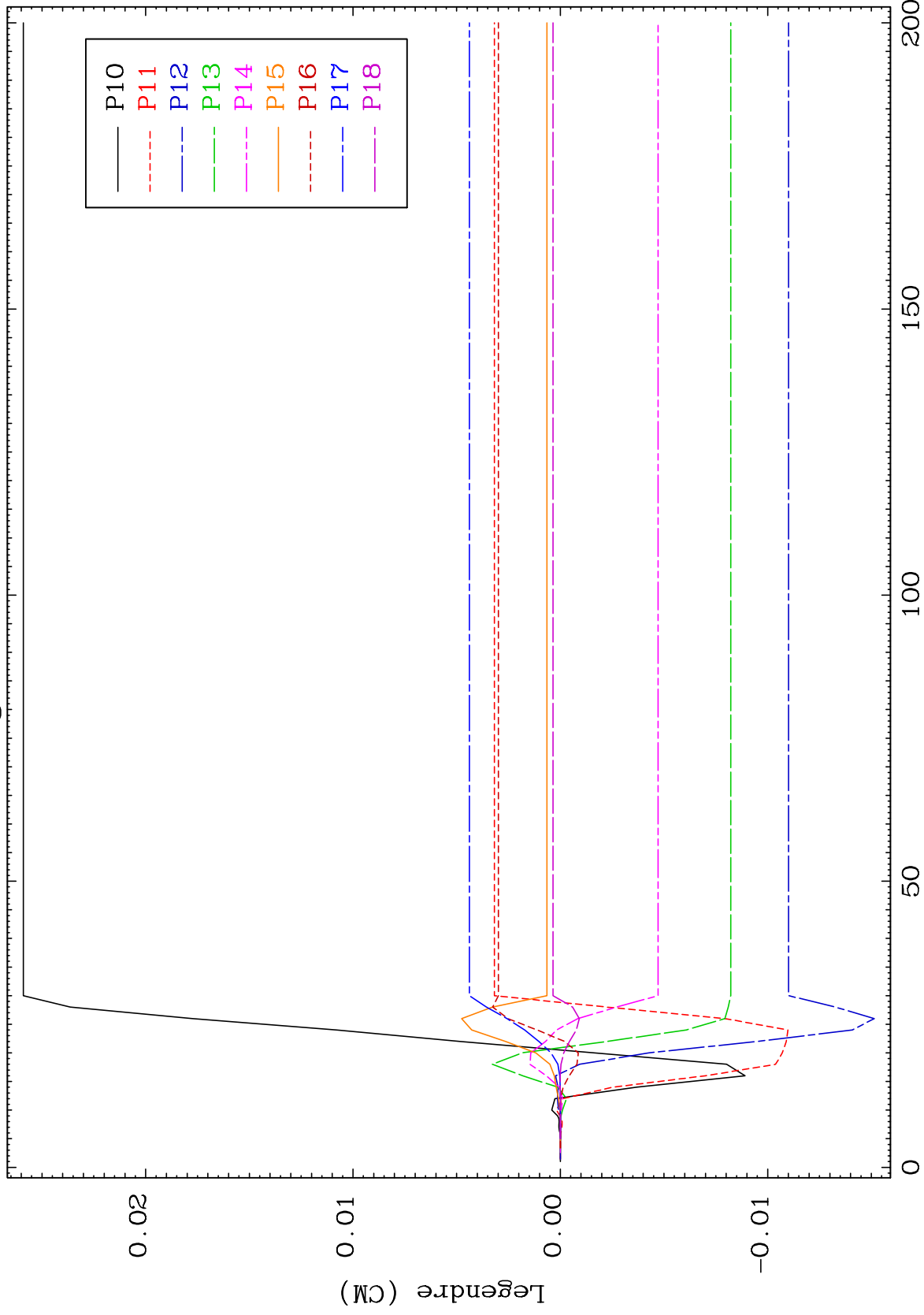
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



102

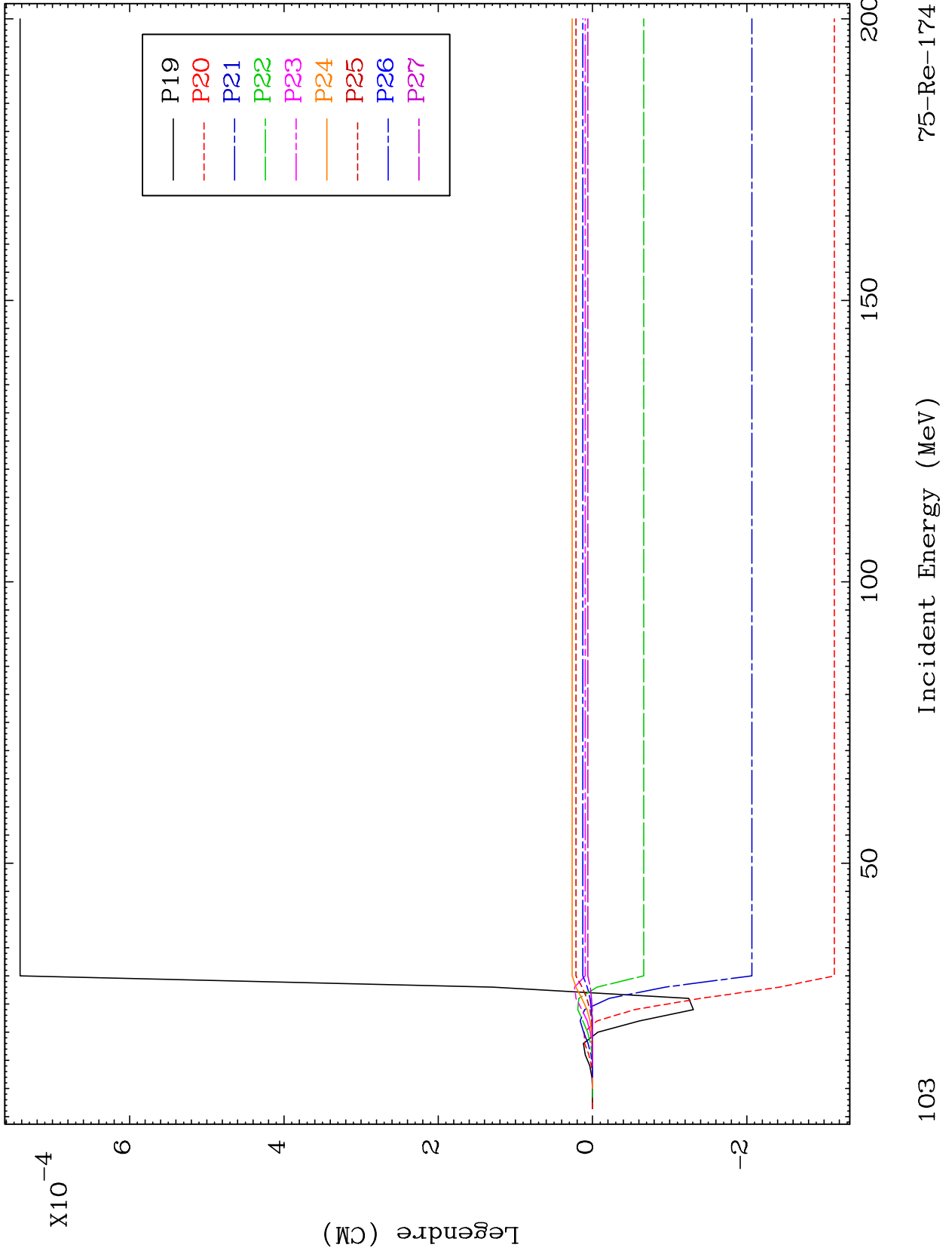
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174

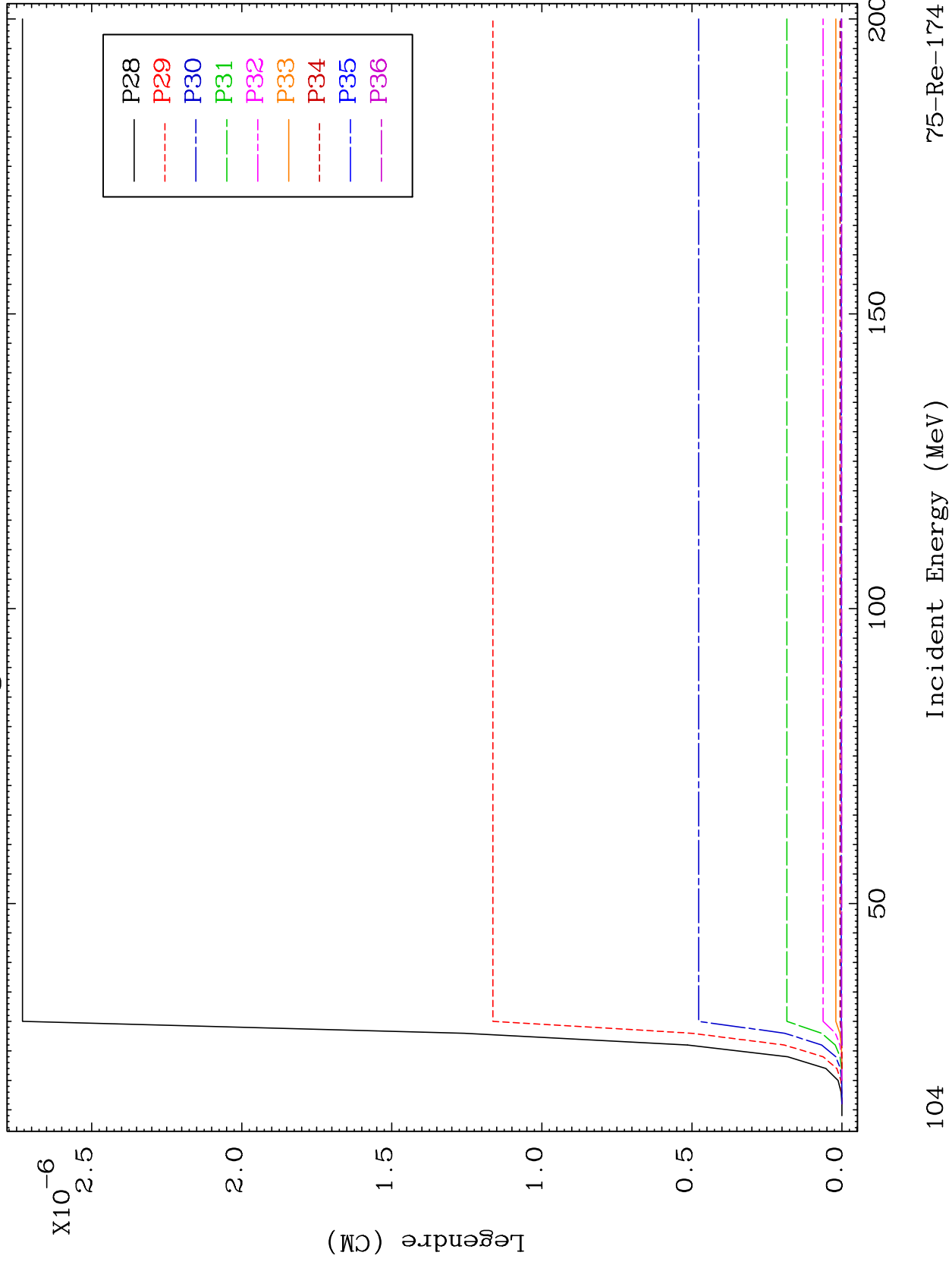




MAT 7492

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

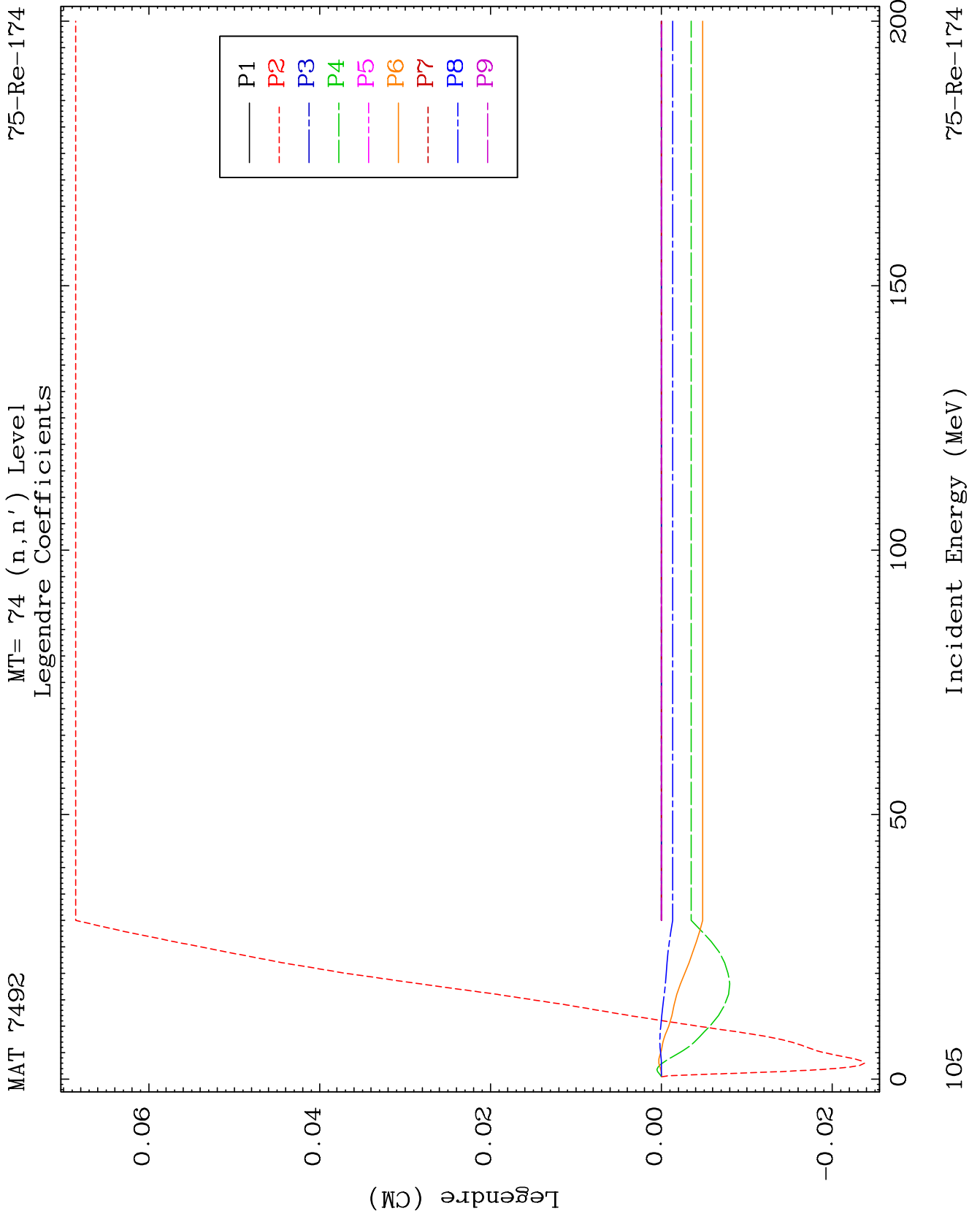
75-Re-174



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Incident Energy (MeV)

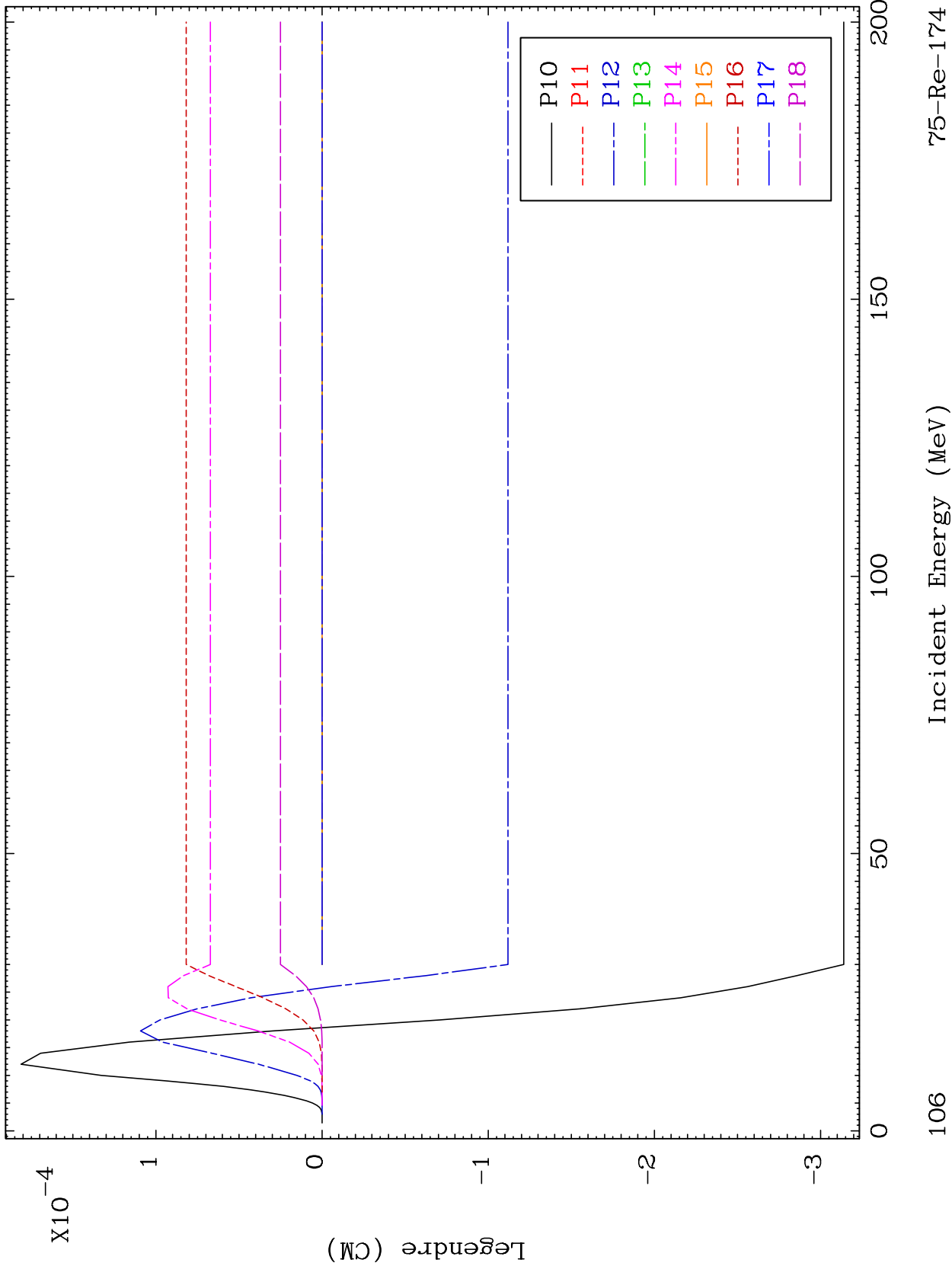
75-Re-174



MAT 7492

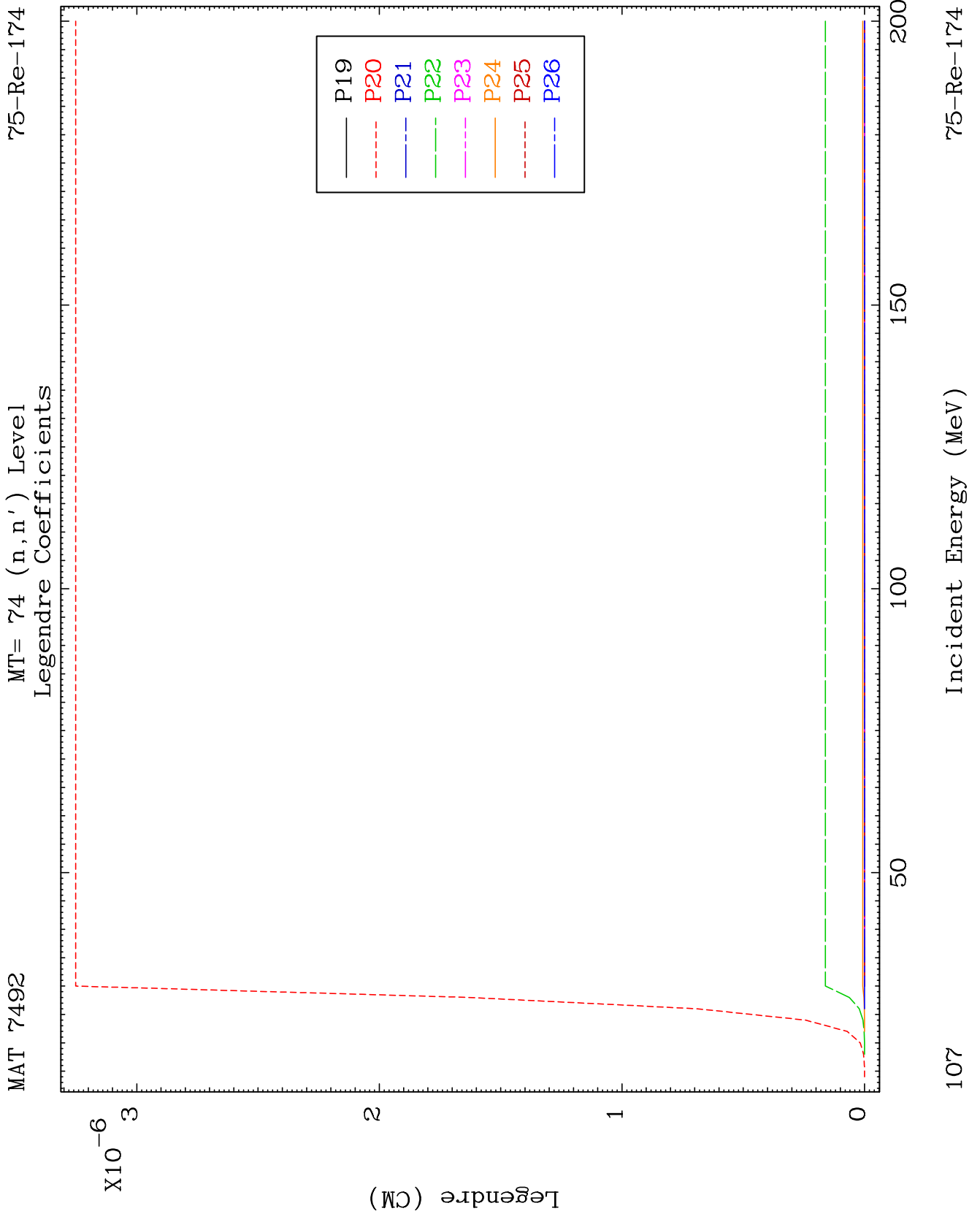
MT= 74 (n,n') Level  
Legendre Coefficients

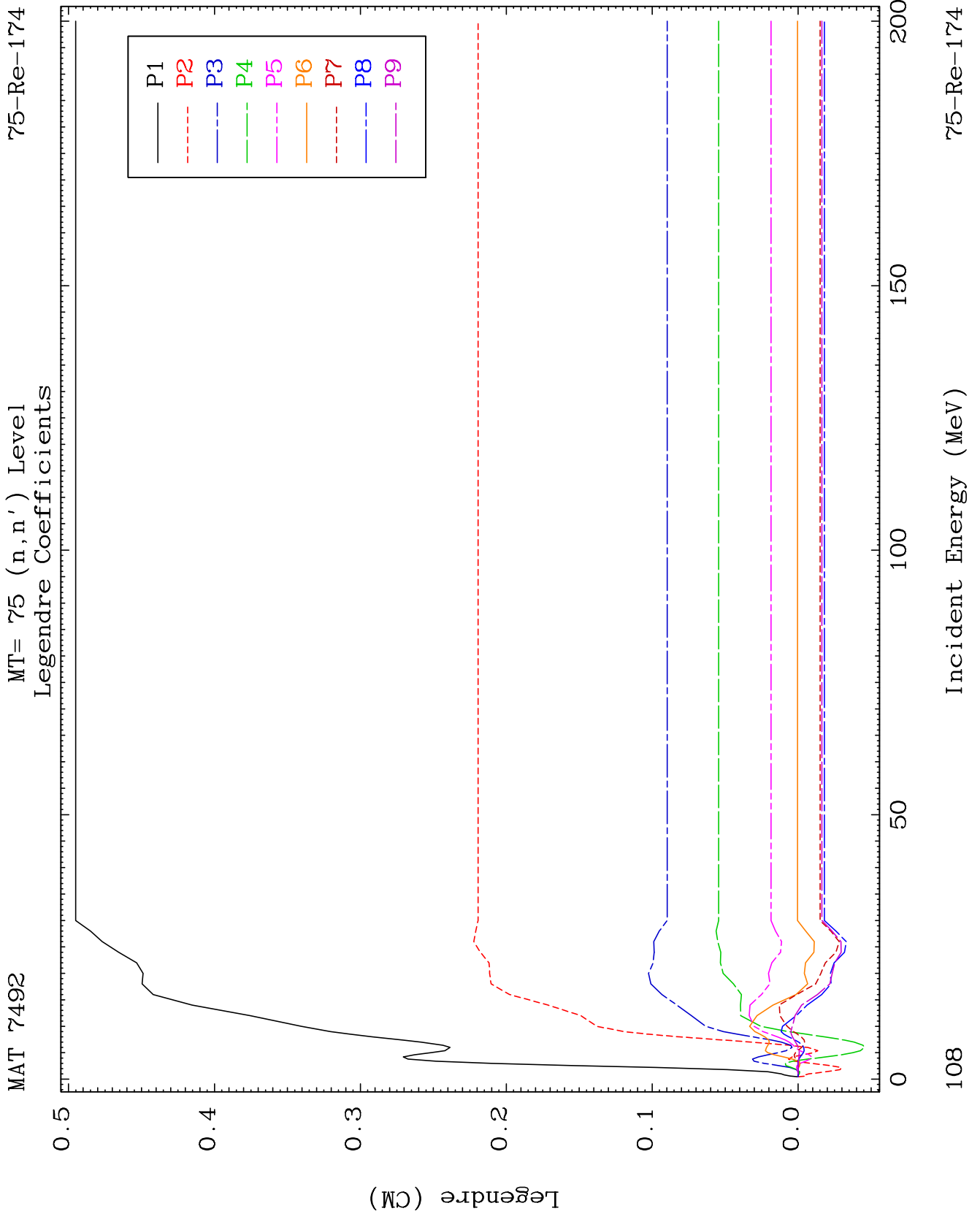
75-Re-174



106

75-Re-174

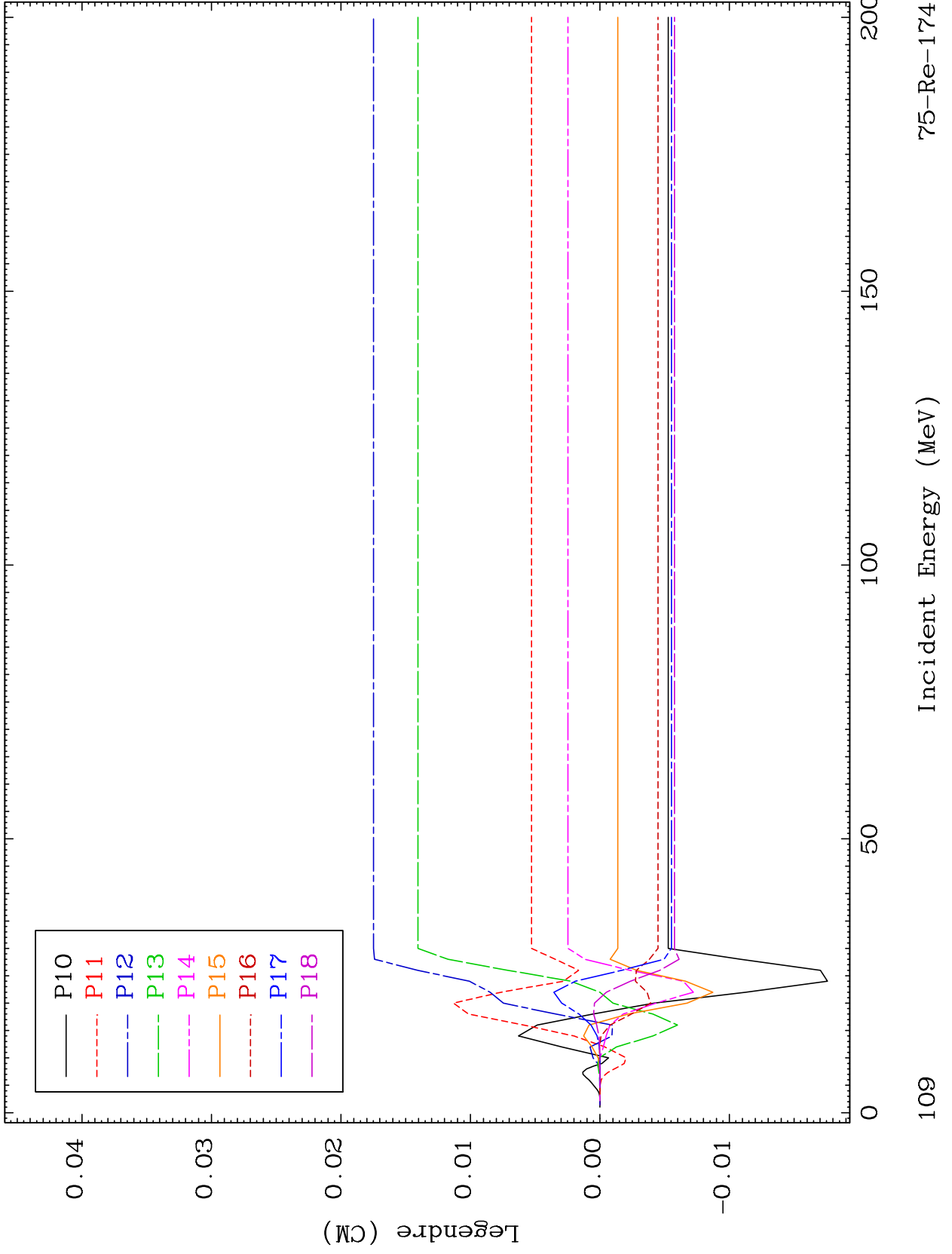




MAT 7492

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

75-Re-174



109

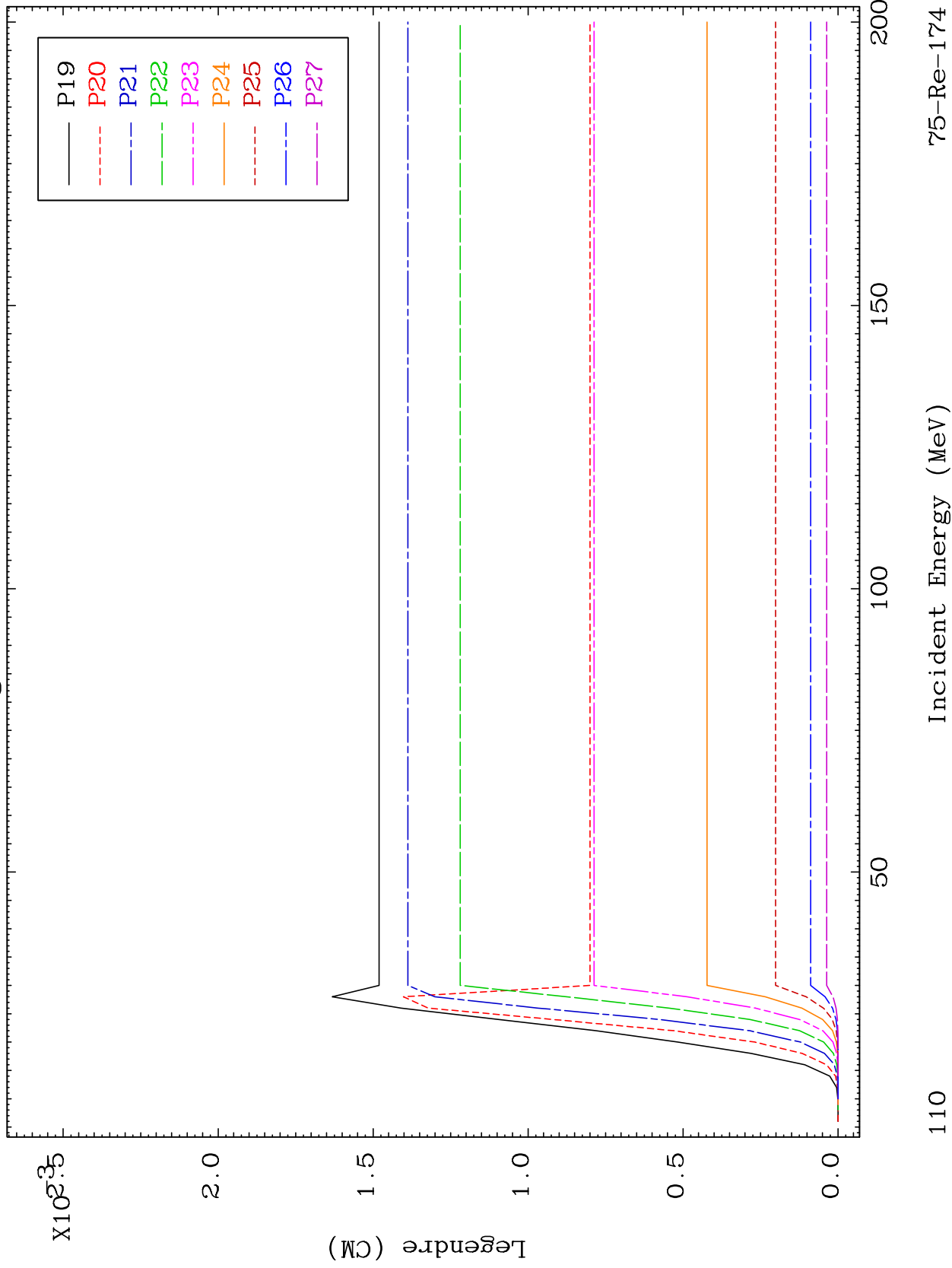
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



110

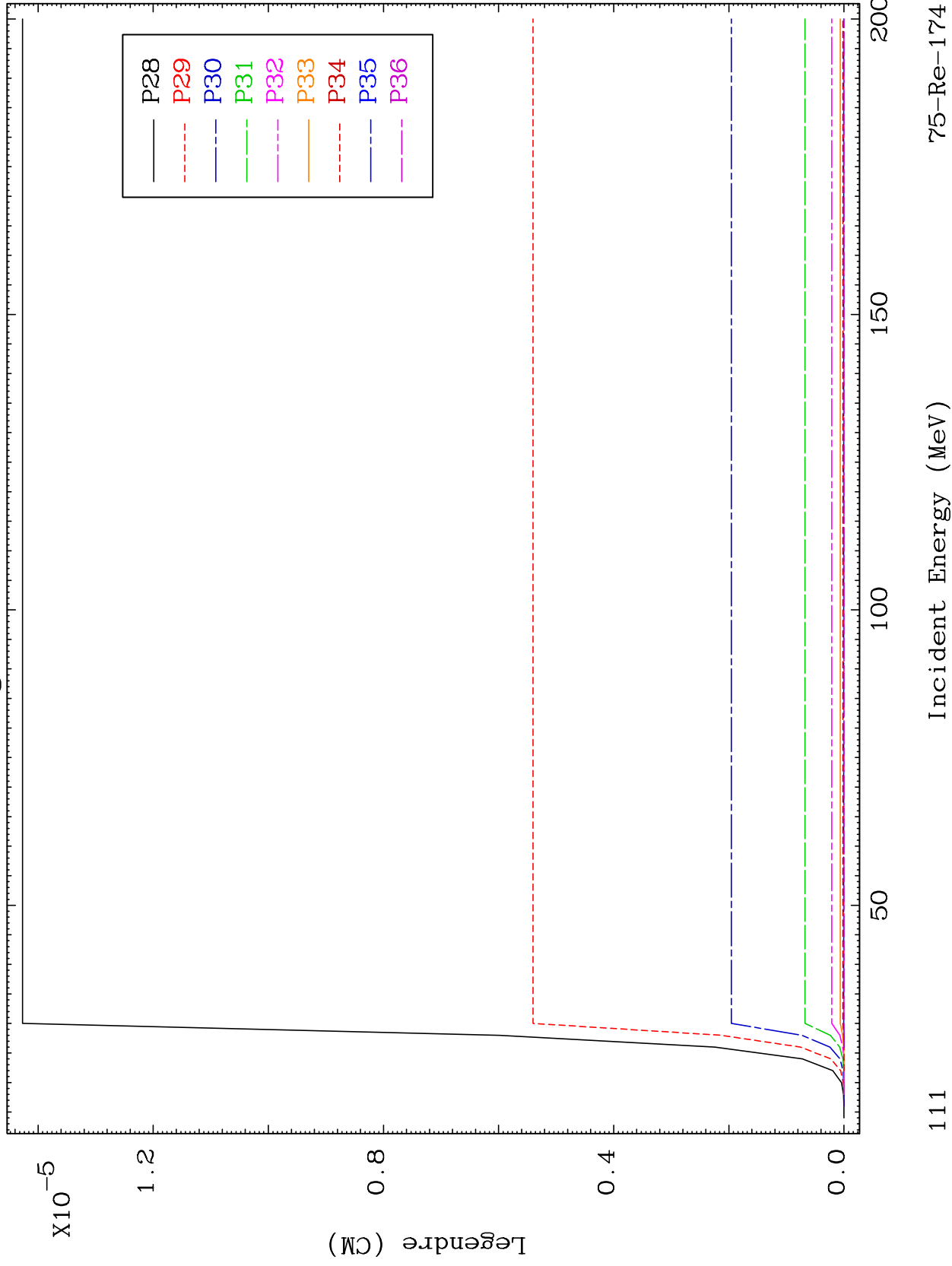
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174

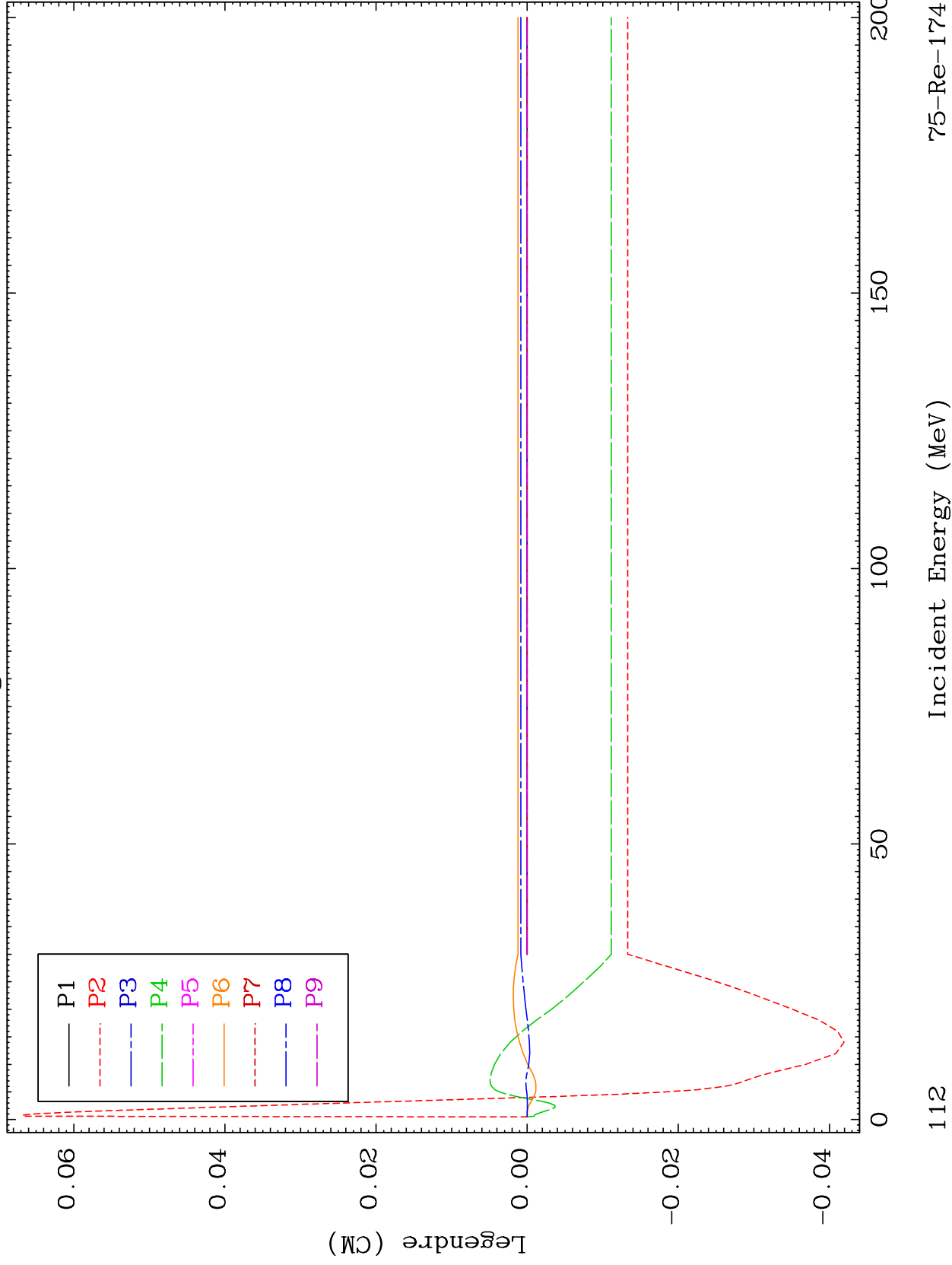




MAT 7492

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

75-Re-174



75-Re-174

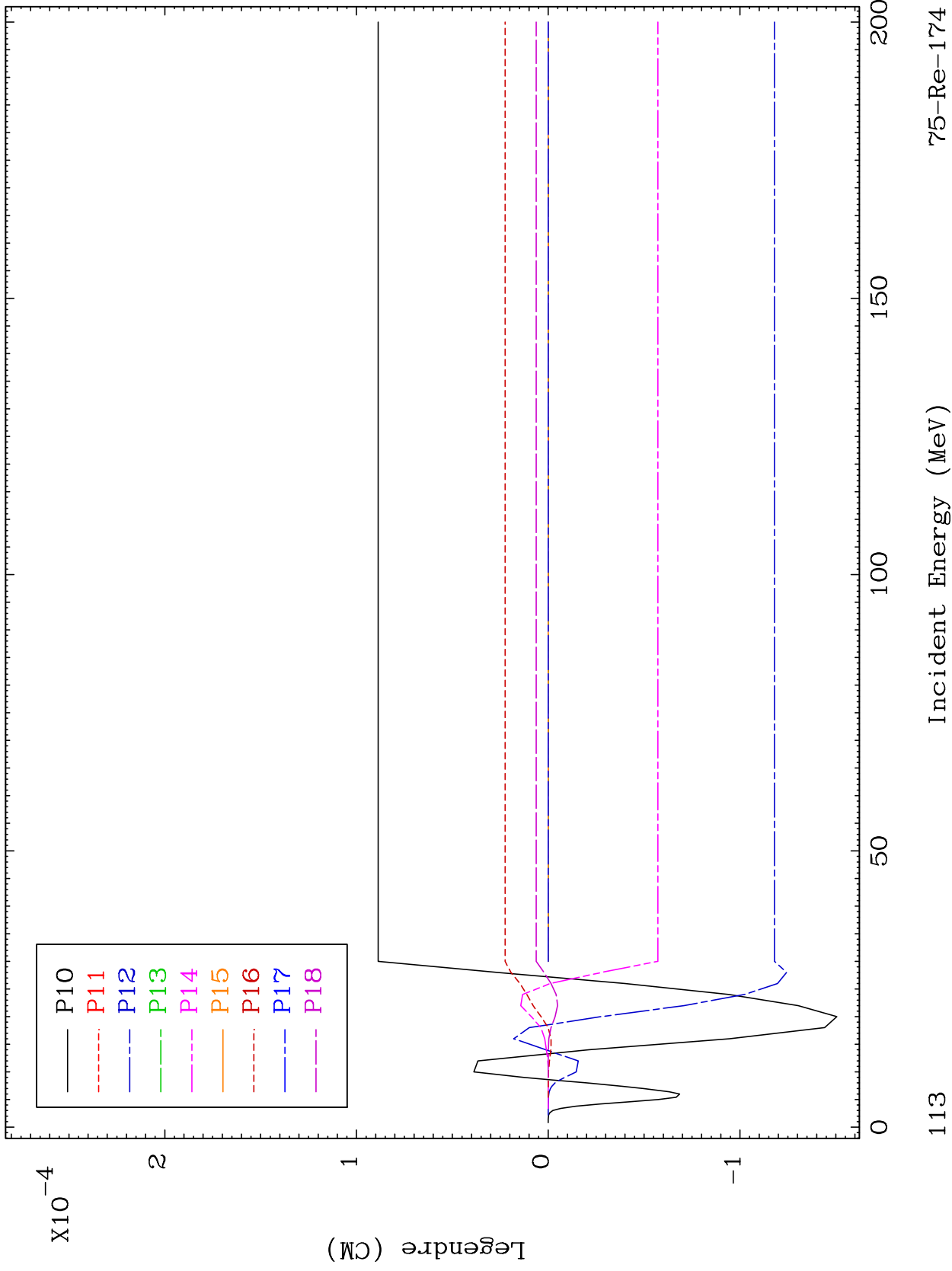
Incident Energy (MeV)

112

MAT 7492

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

75-Re-174



113

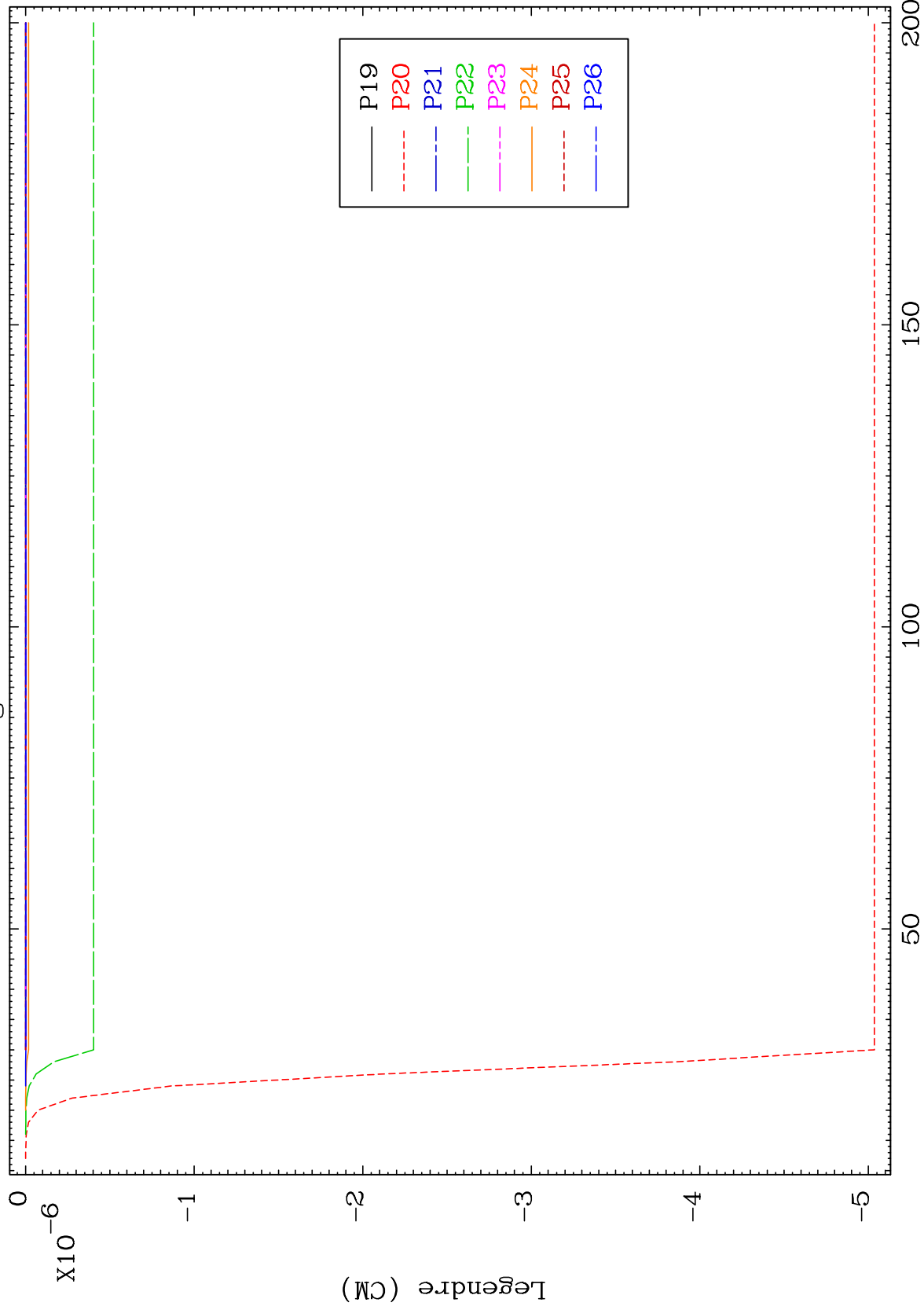
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



114

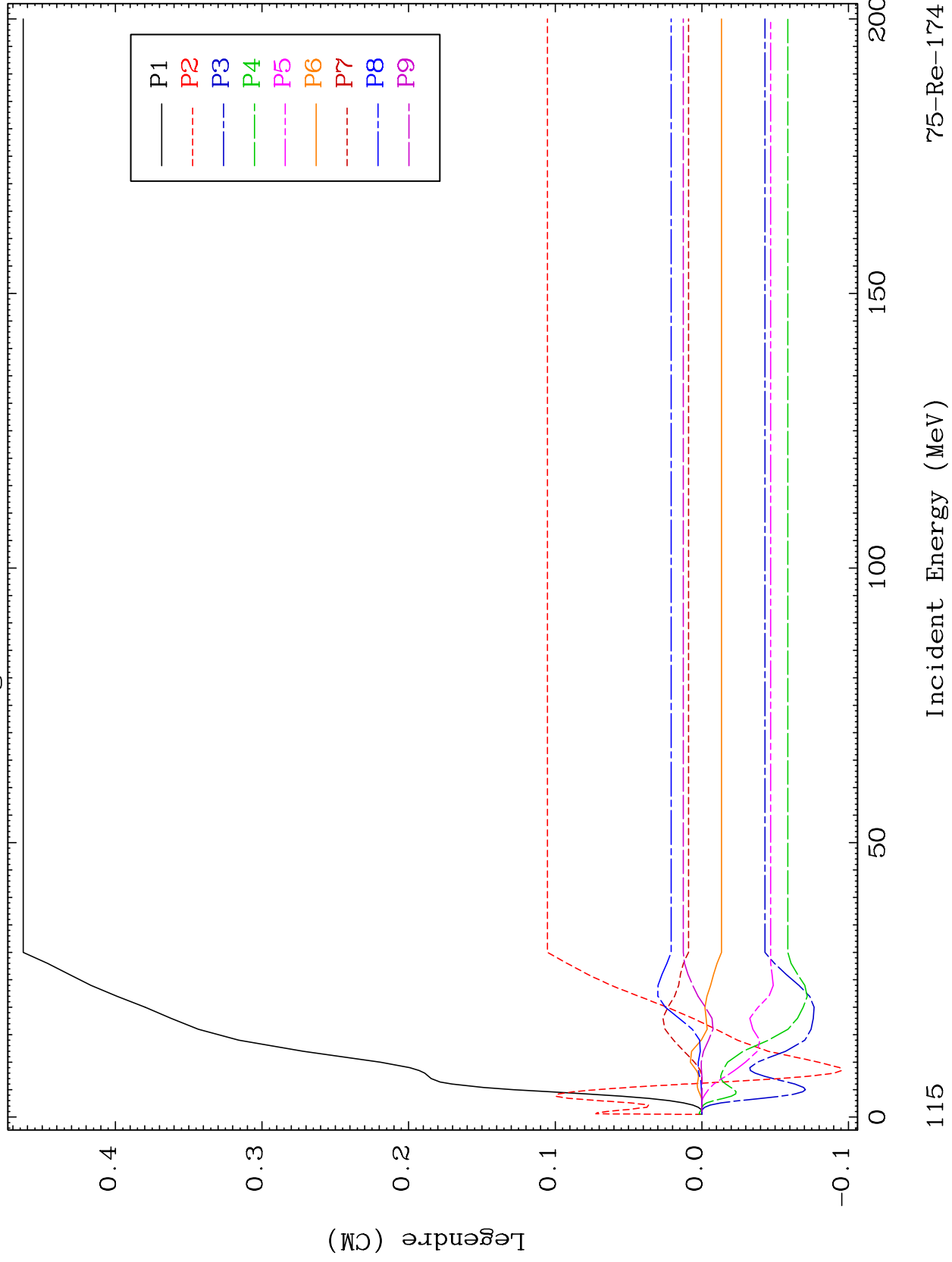
Incident Energy (MeV)

75-Re-174

MAT 7492

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

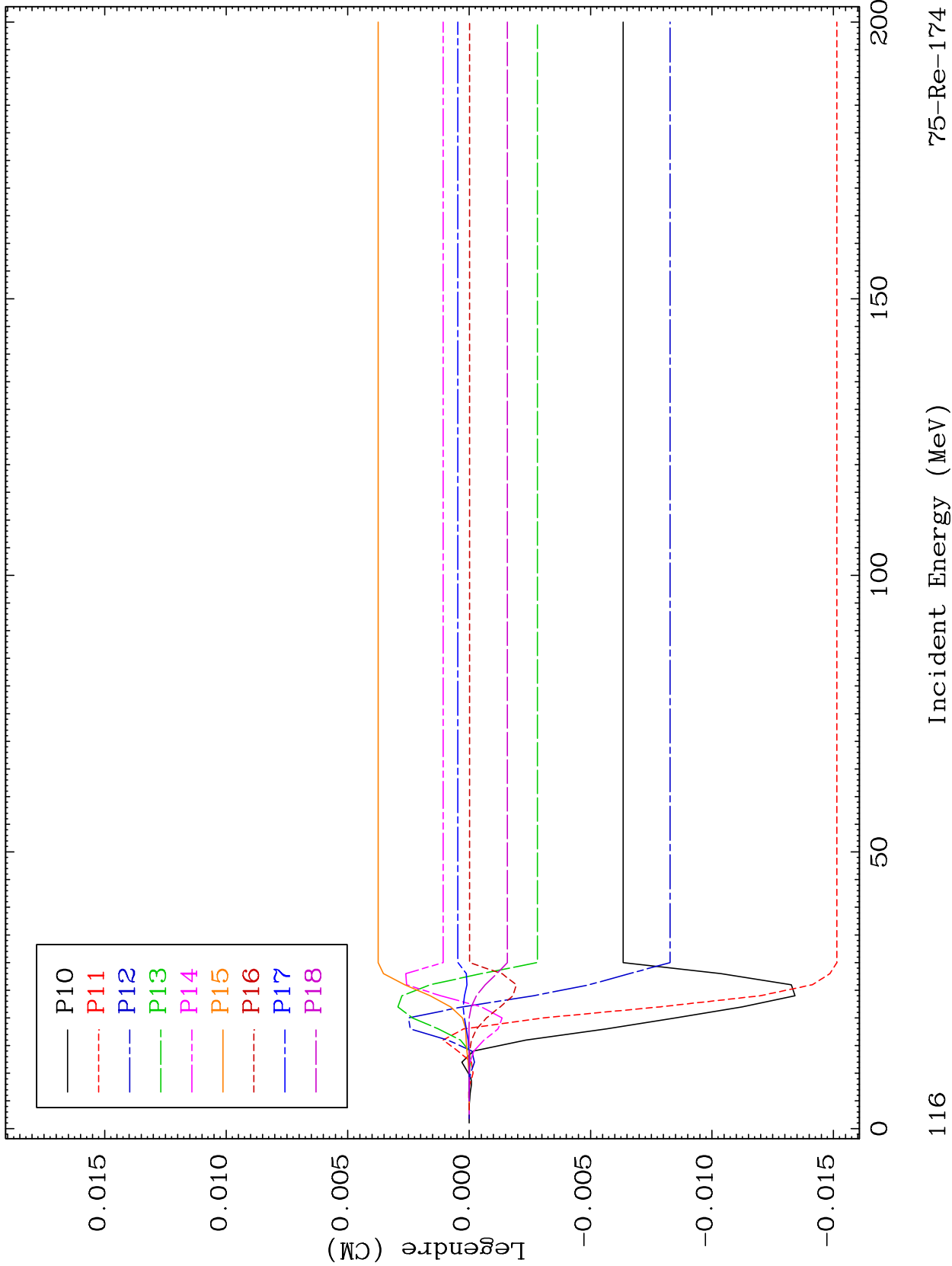
75-Re-174



MAT 7492

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

75-Re-174



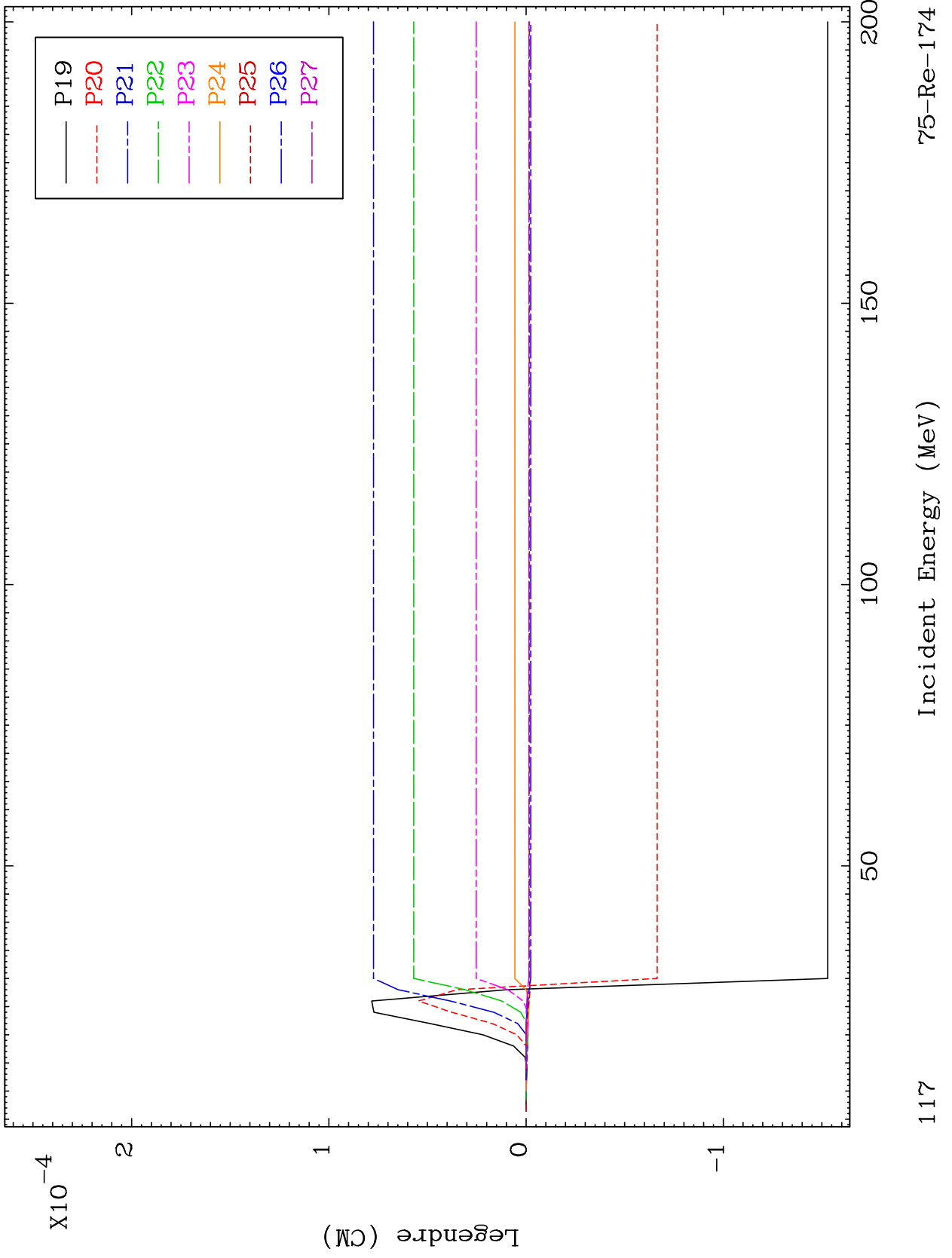
116

75-Re-174

MAT 7492

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

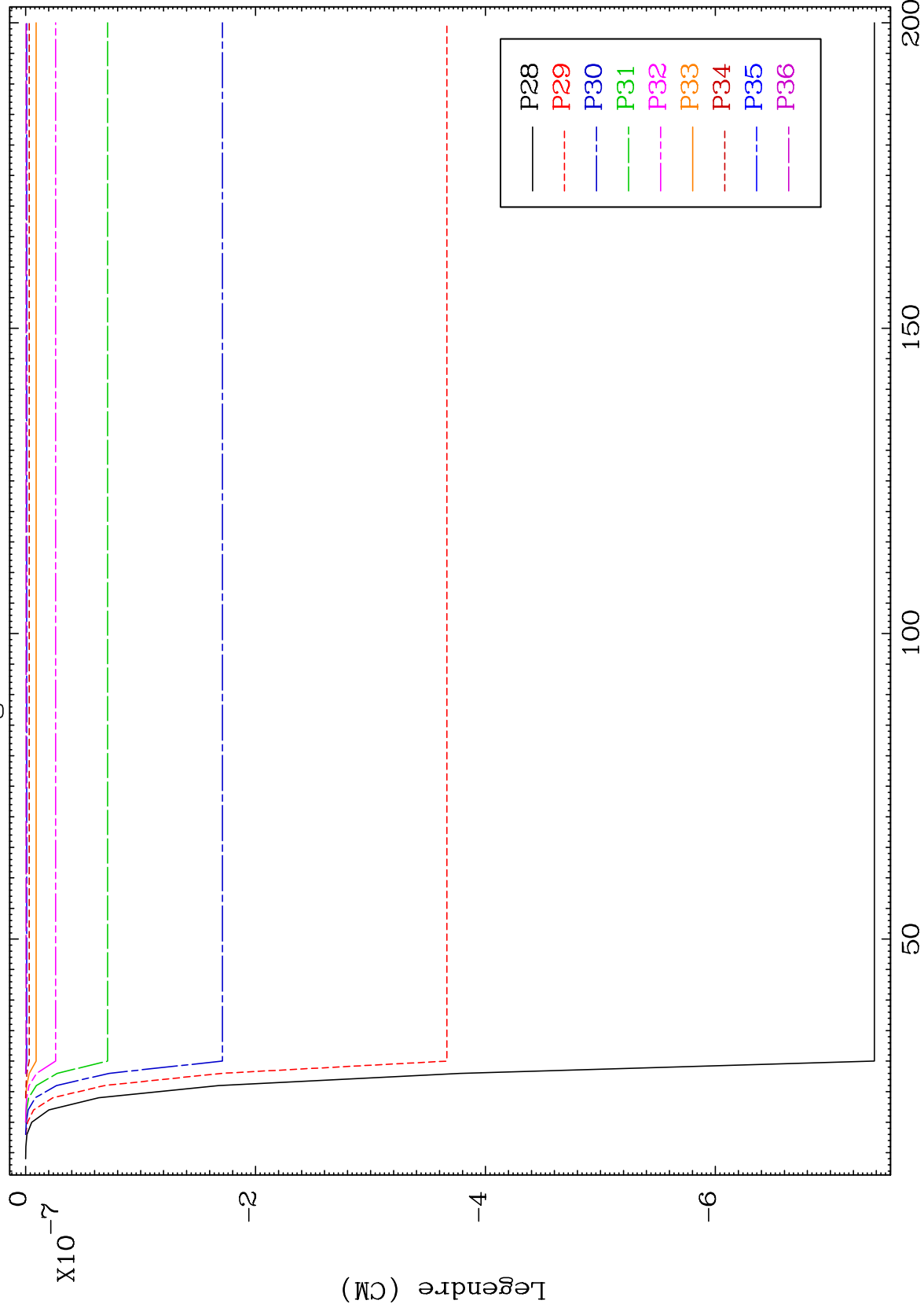
75-Re-174



MAT 7492

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

75-Re-174



118

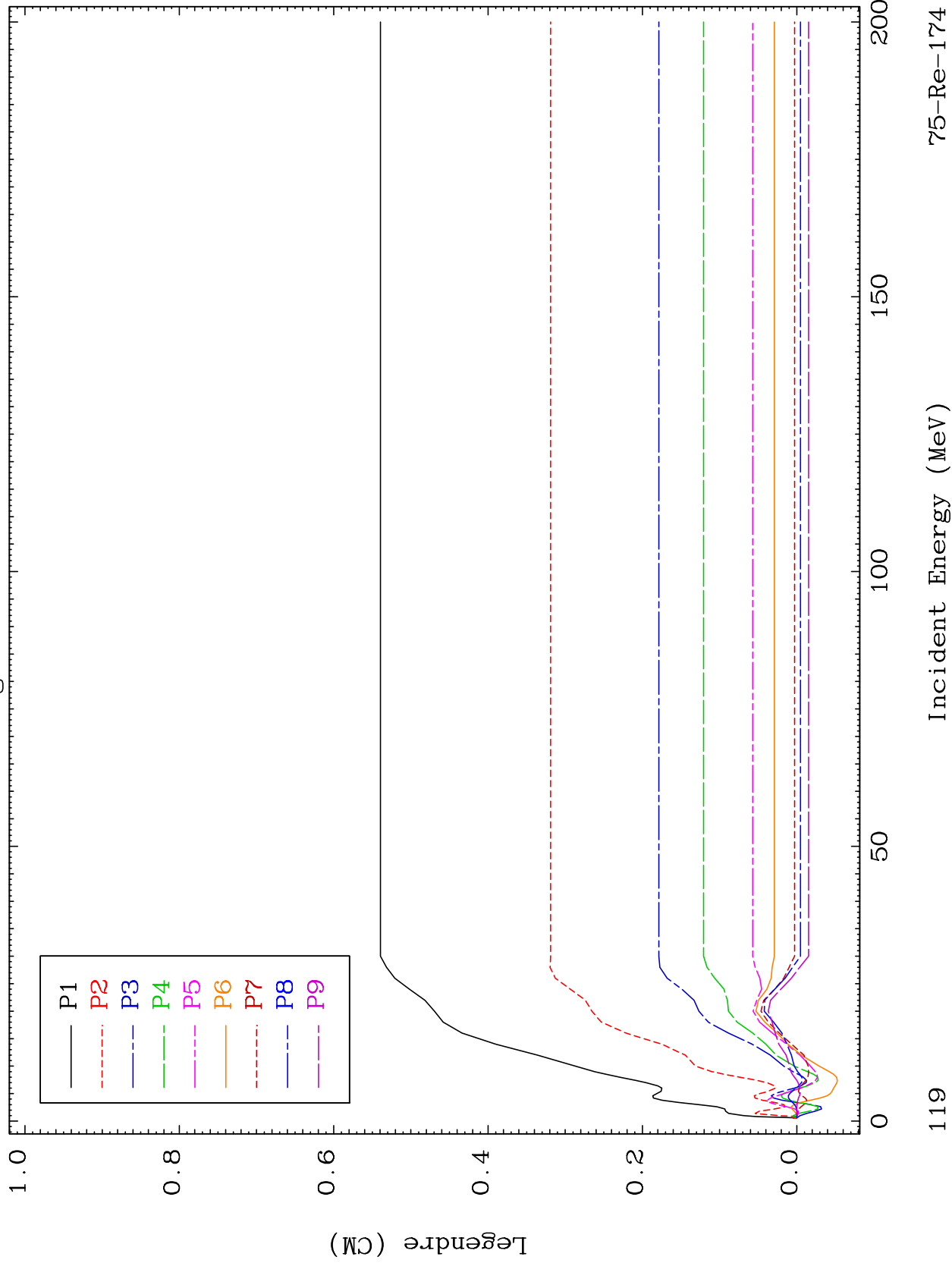
Incident Energy (MeV)

75-Re-174

MAT 7492

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

75-Re-174



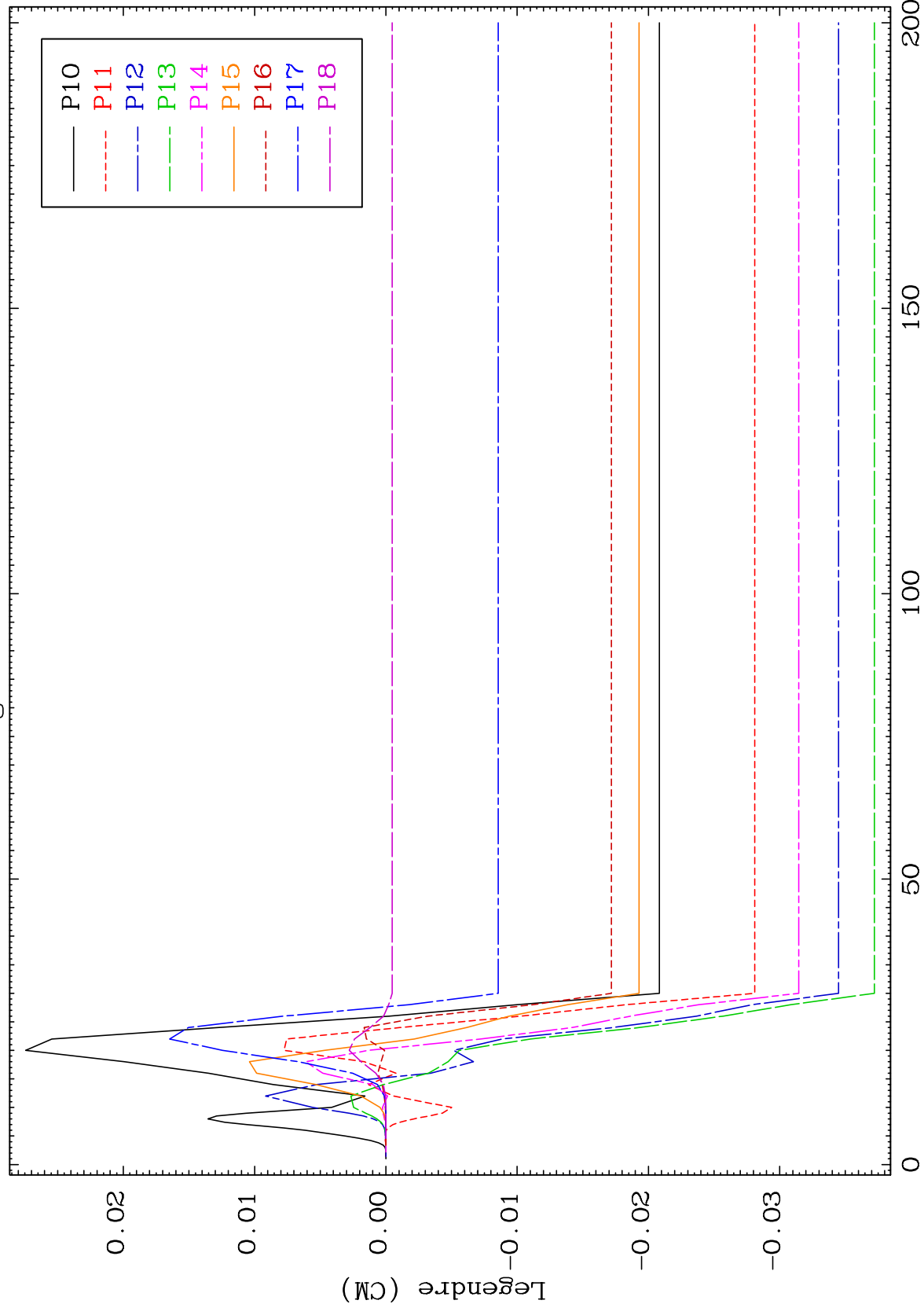
119



MAT 7492

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

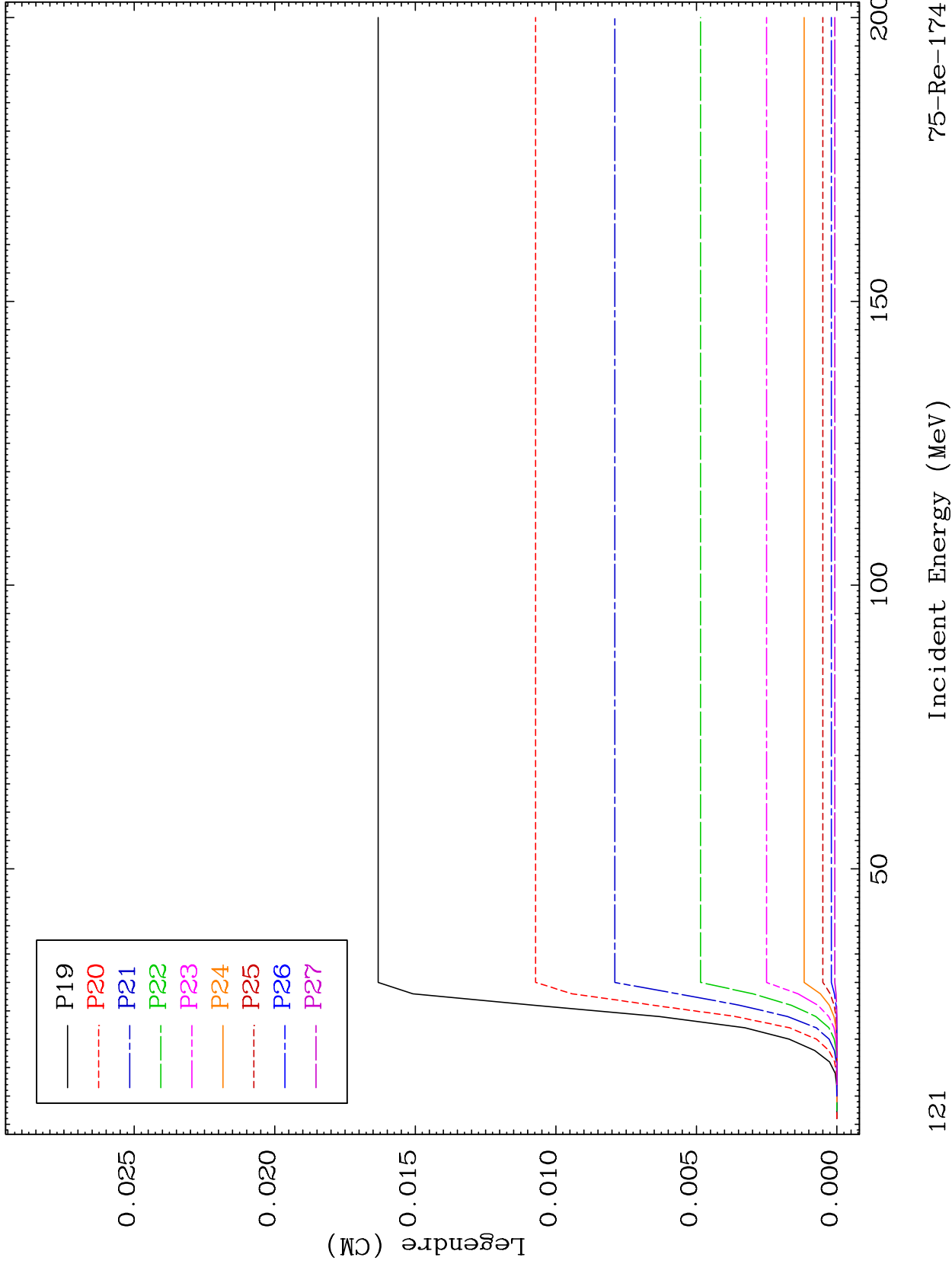
75-Re-174



120

Incident Energy (MeV)

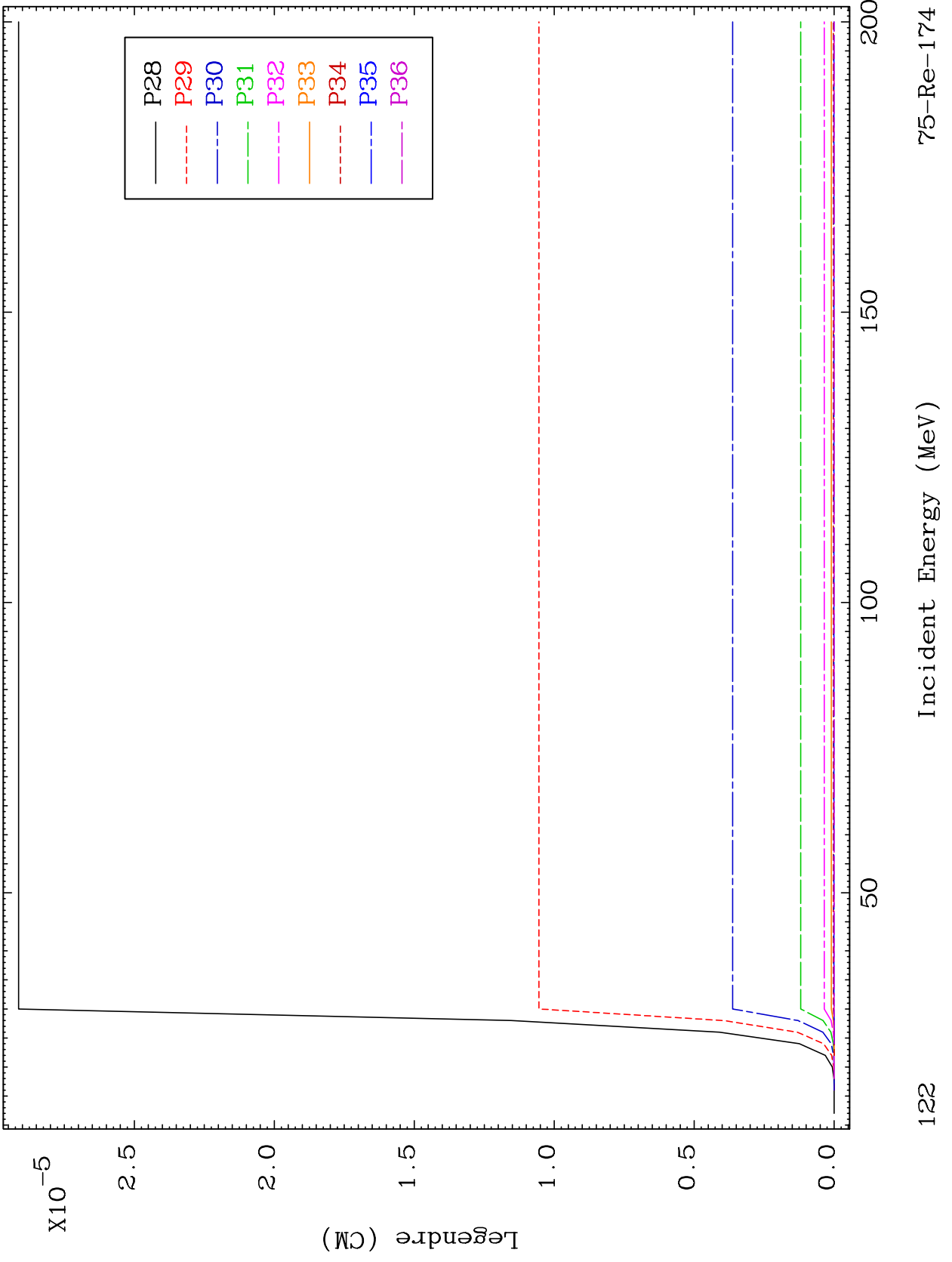
75-Re-174



MAT 7492

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

75-Re-174

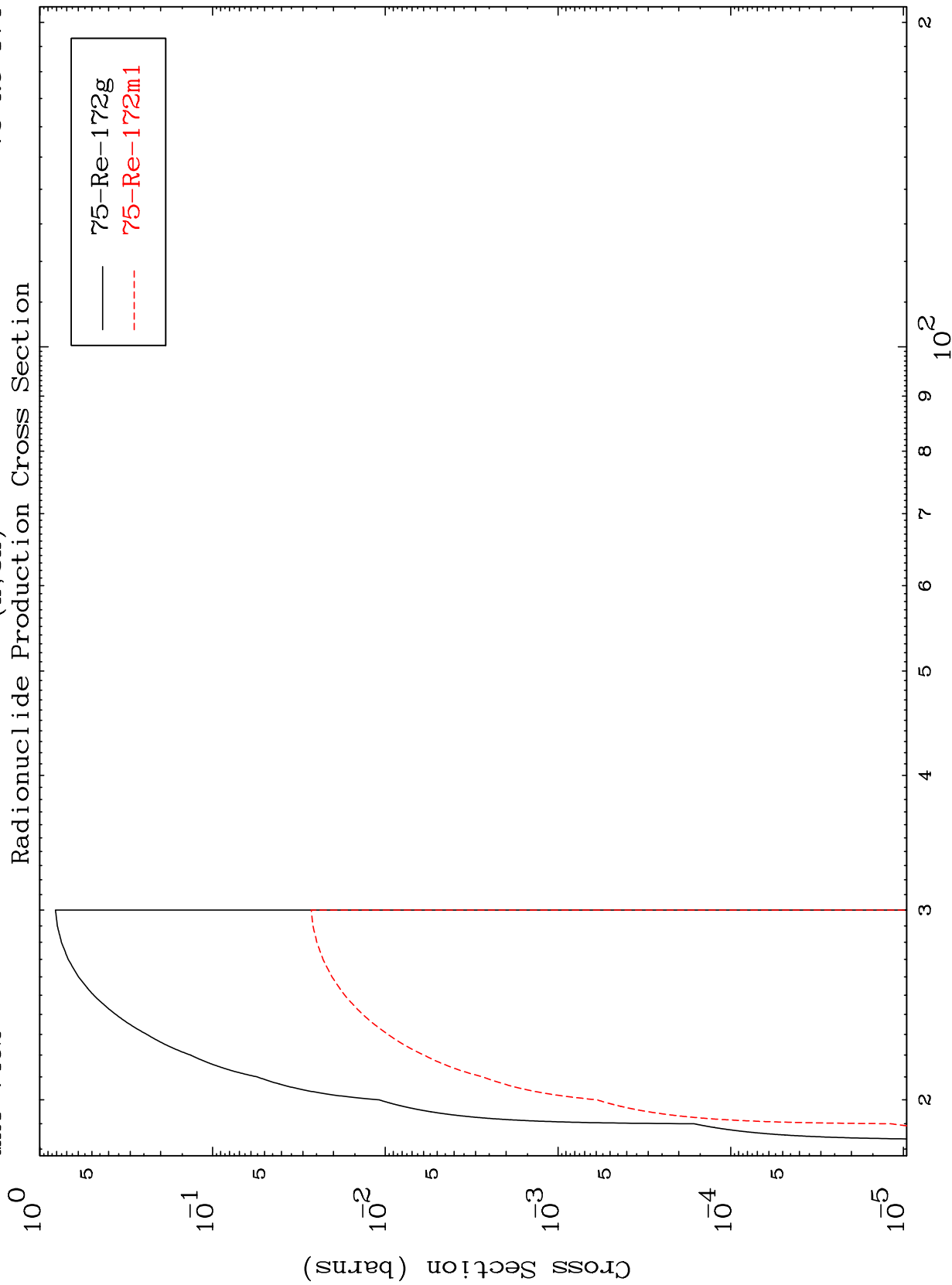


MAT 7492

75-Re-174

(n,3n)

Radionuclide Production Cross Section



123

Incident Energy (MeV)

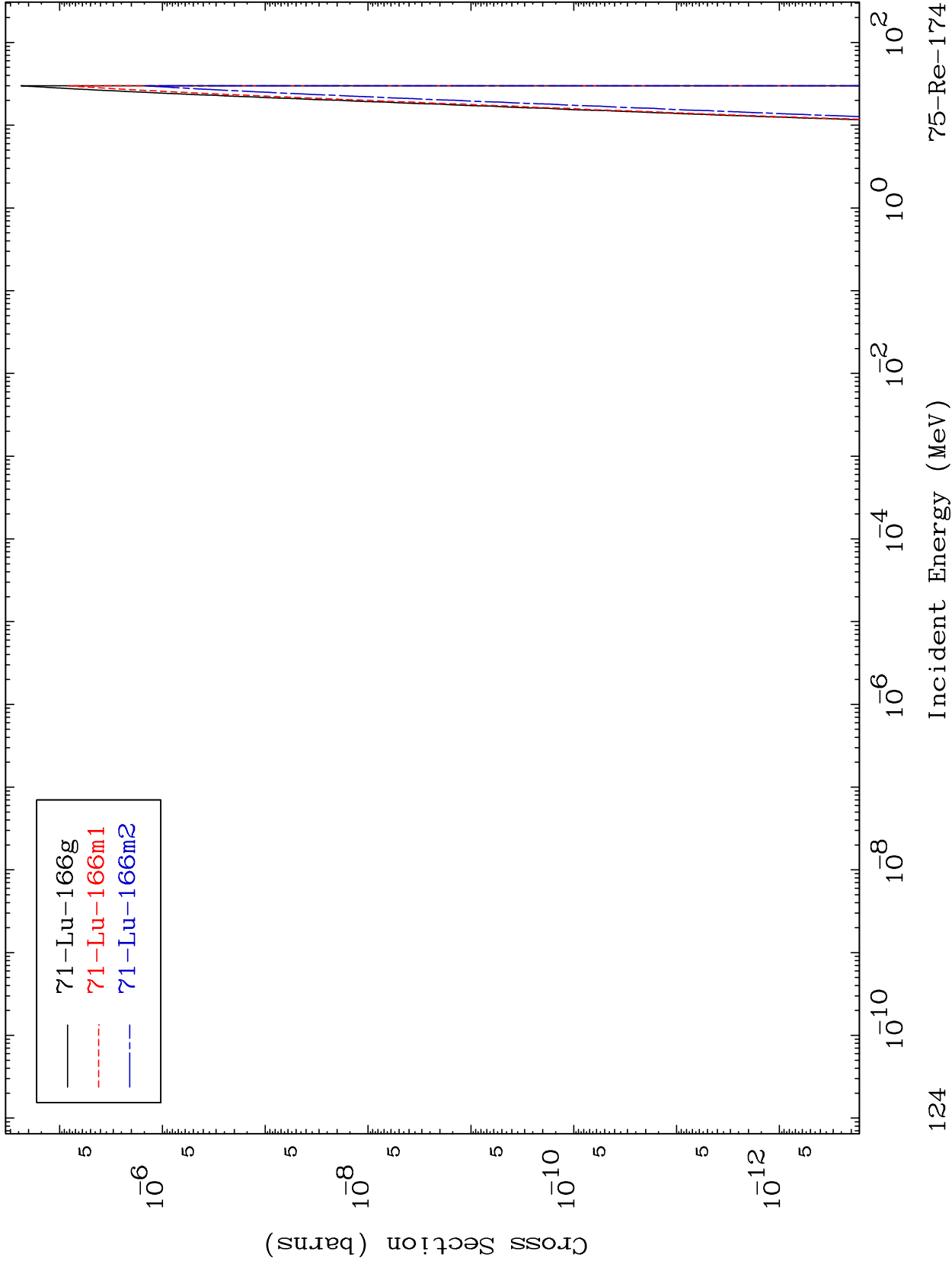
75-Re-174

MAT 7492

$(n, n')$   $2\alpha$

$^{75}\text{Re-174}$

Radionuclide Production Cross Section

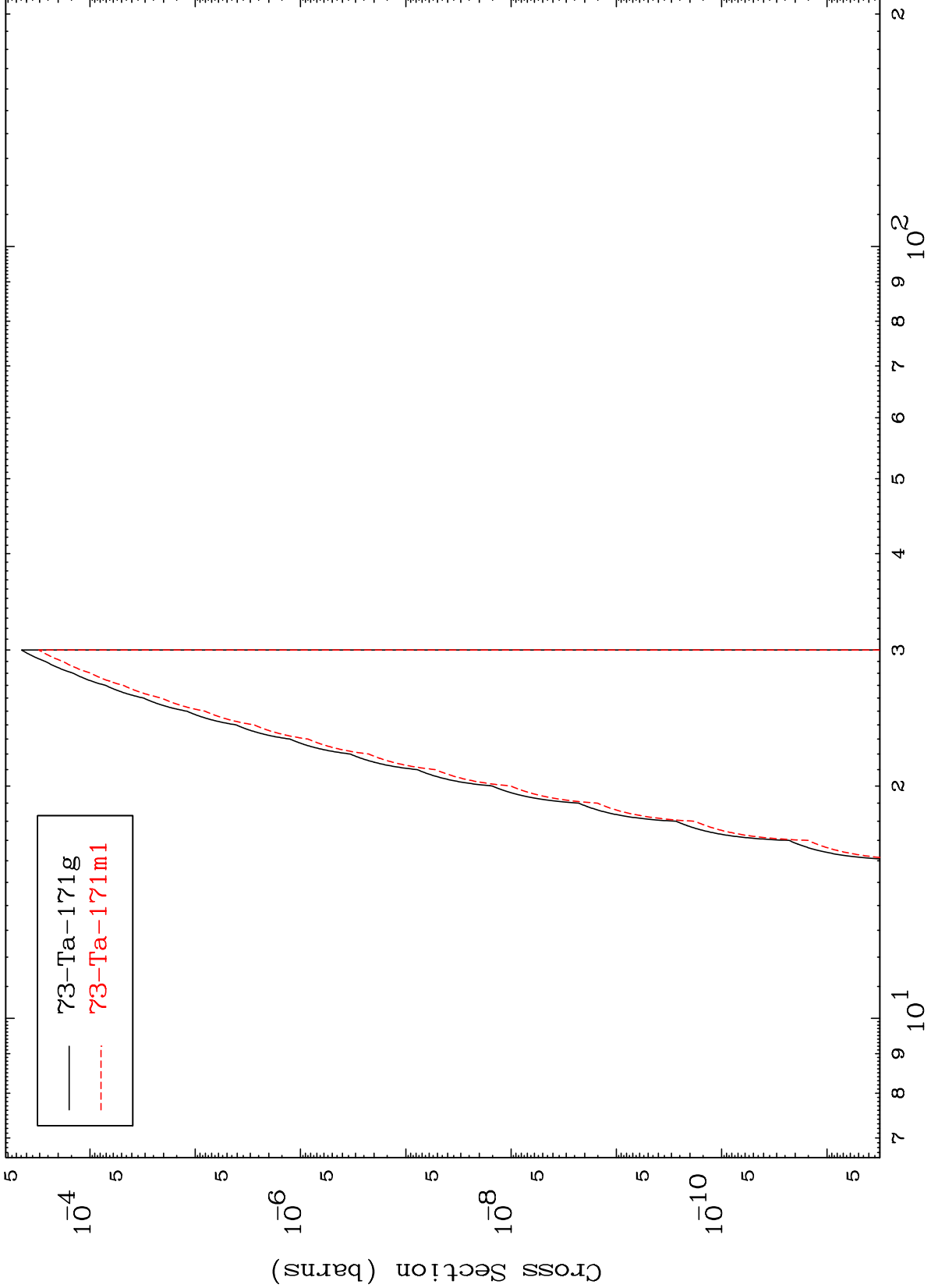


MAT 7492

(n,n') He-3

75-Re-174

Radionuclide Production Cross Section



125

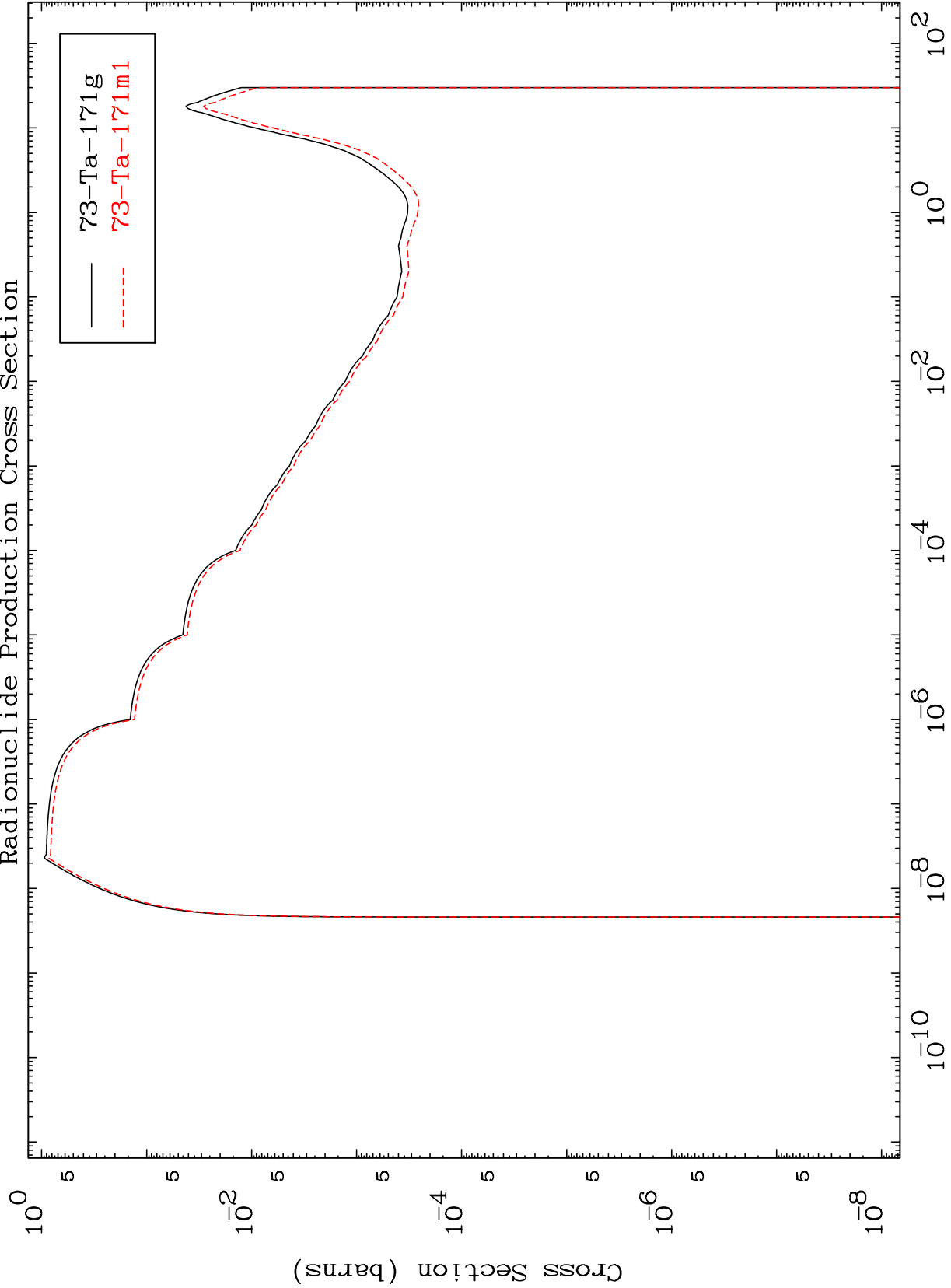
Incident Energy (MeV)

75-Re-174

MAT 7492

75-Re-174

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



—  $^{73}\text{Ta-171g}$   
- - -  $^{73}\text{Ta-171m1}$

126

75-Re-174

Incident Energy (MeV)

MAT 7492

(n,2α)

75-Re-174

Radionuclide Production Cross Section

