

Program EVALPLOT  
(Version 2021-1)

by

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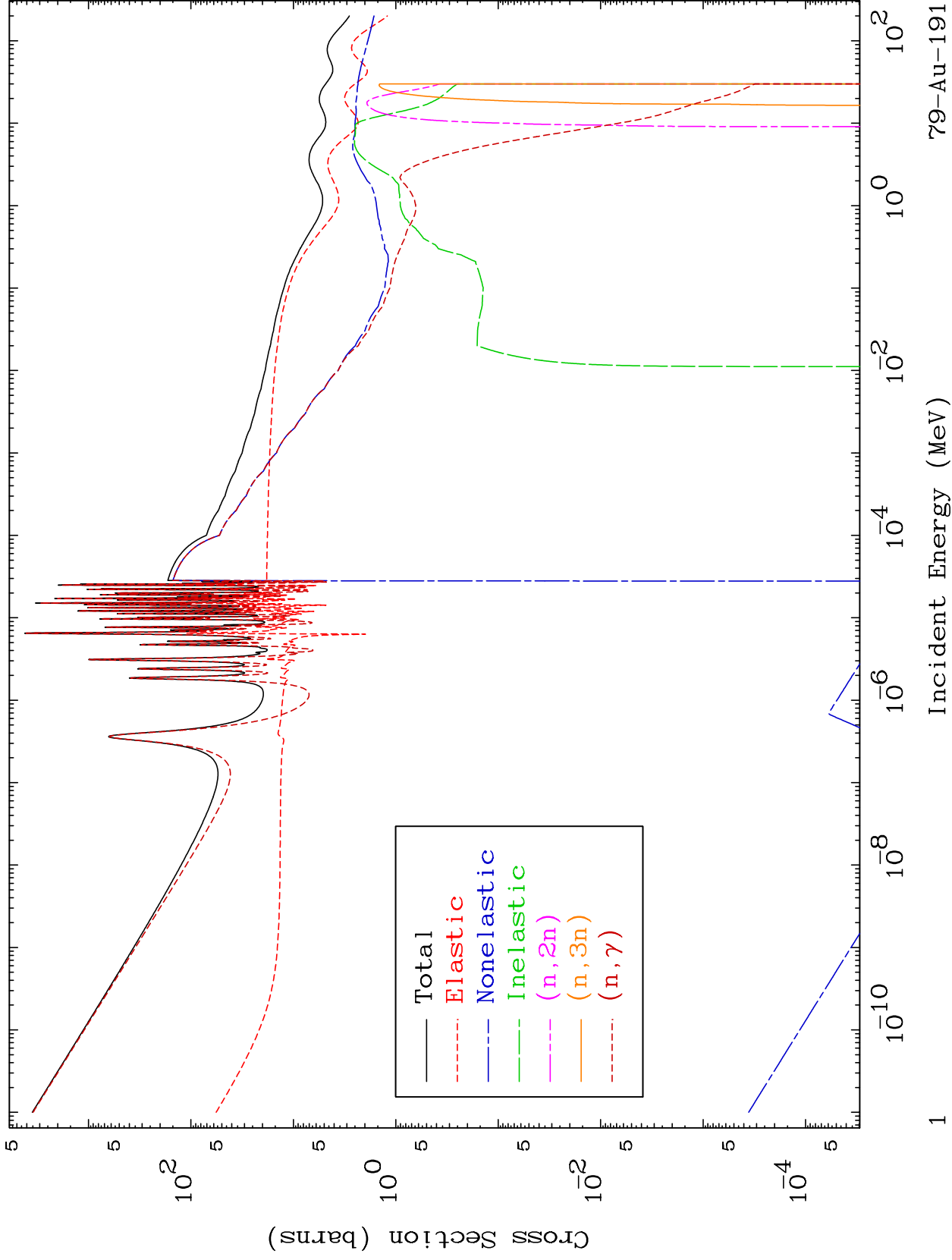
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7907

Neutron Major  
293 Kelvin Cross Sections

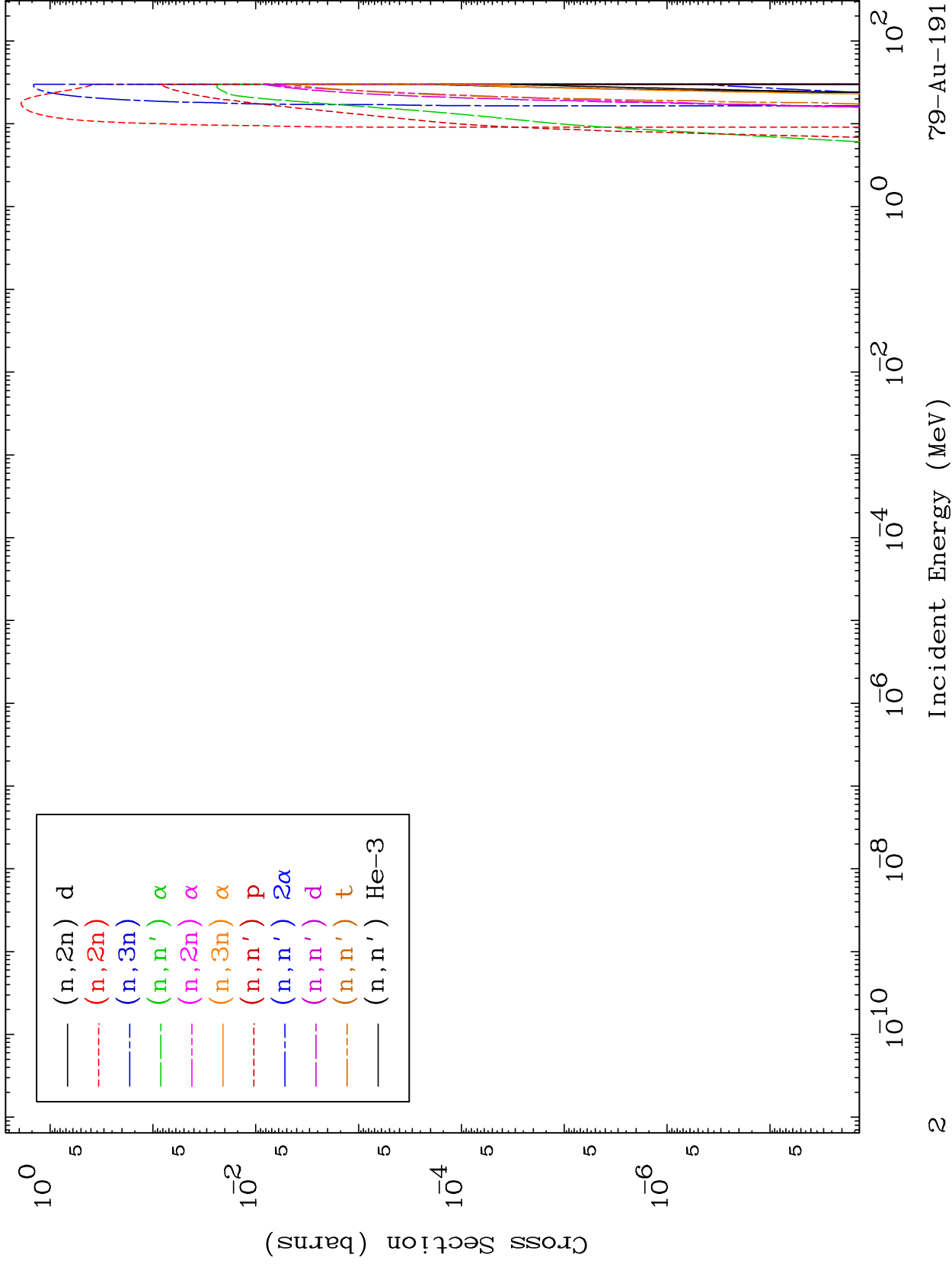
79-Au-191



MAT 7907

Neutron Absorption  
293 Kelvin Cross Sections

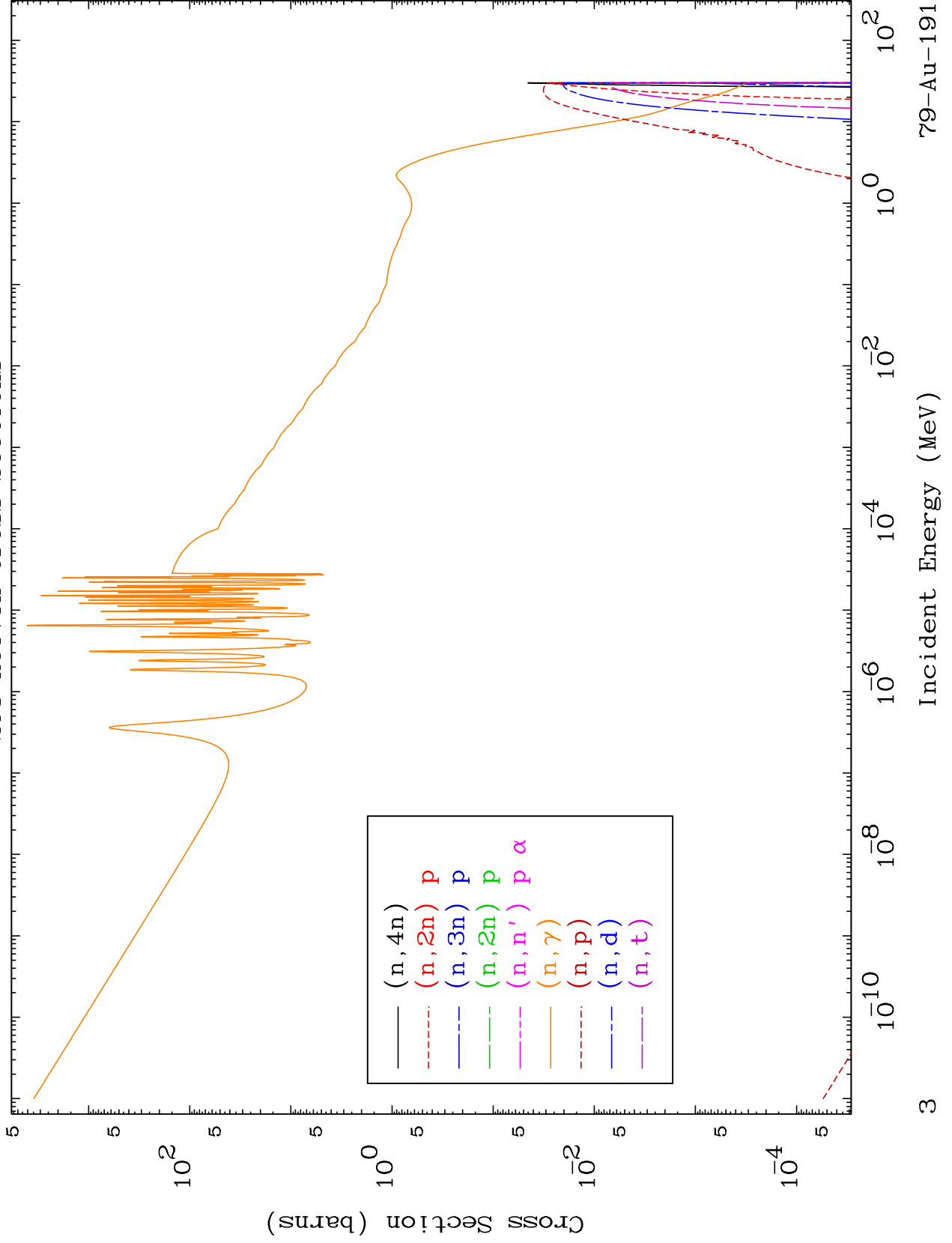
79-Au-191



MAT 7907

Neutron Absorption  
293 Kelvin Cross Sections

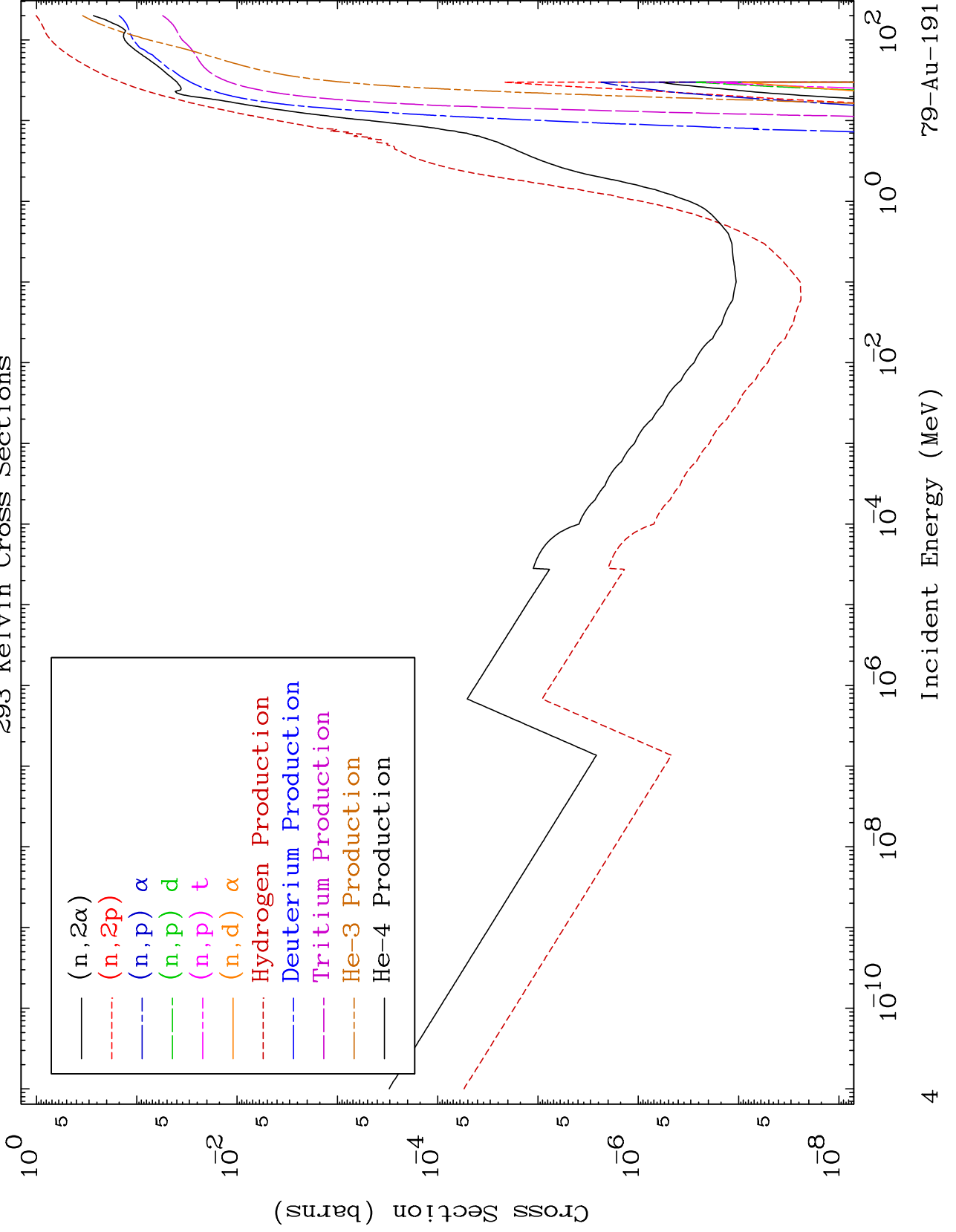
79-Au-191



MAT 7907

Neutron Absorption  
293 Kelvin Cross Sections

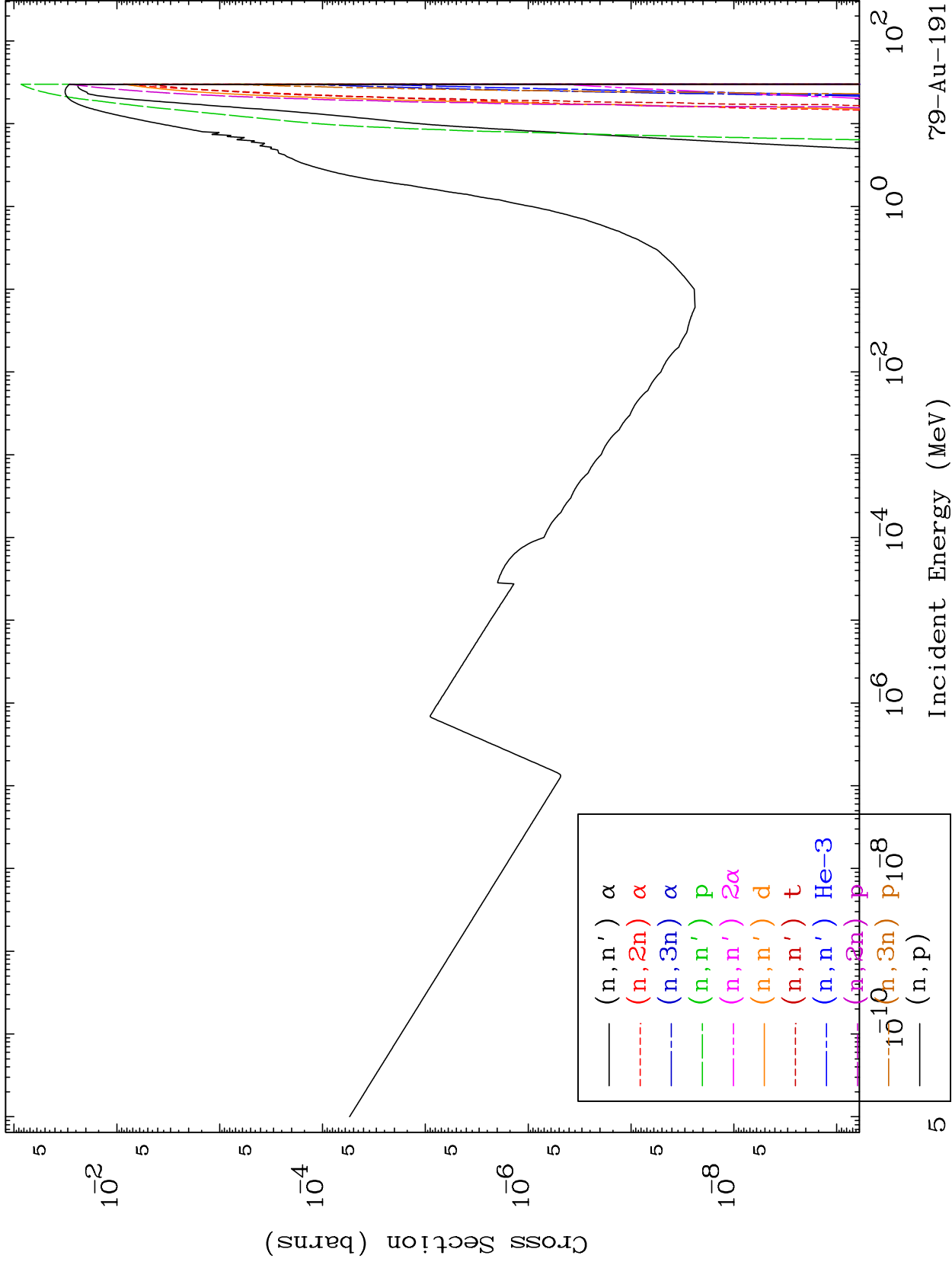
79-Au-191



MAT 7907

Charged Particle  
293 Kelvin Cross Sections

79-Au-191



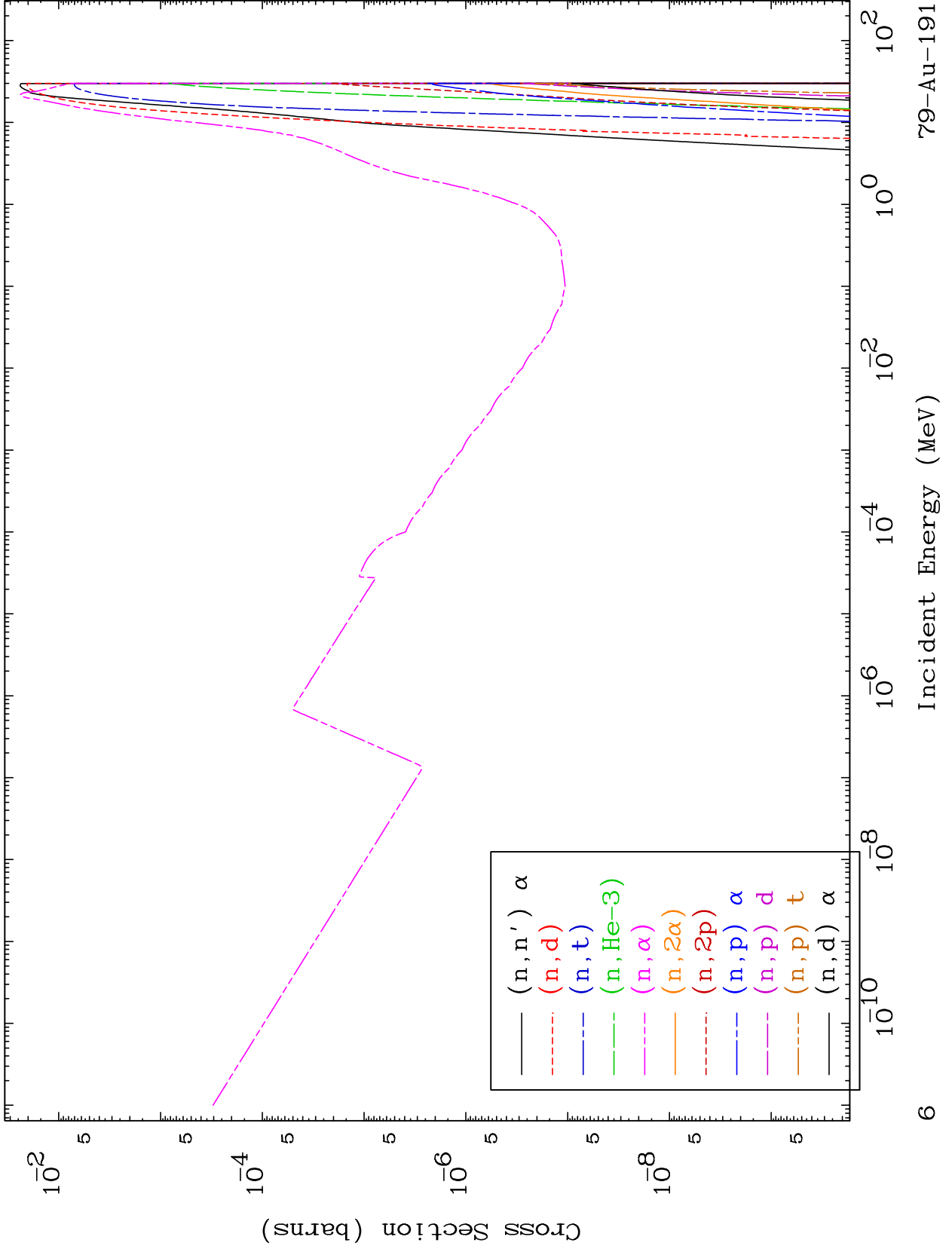
79-Au-191

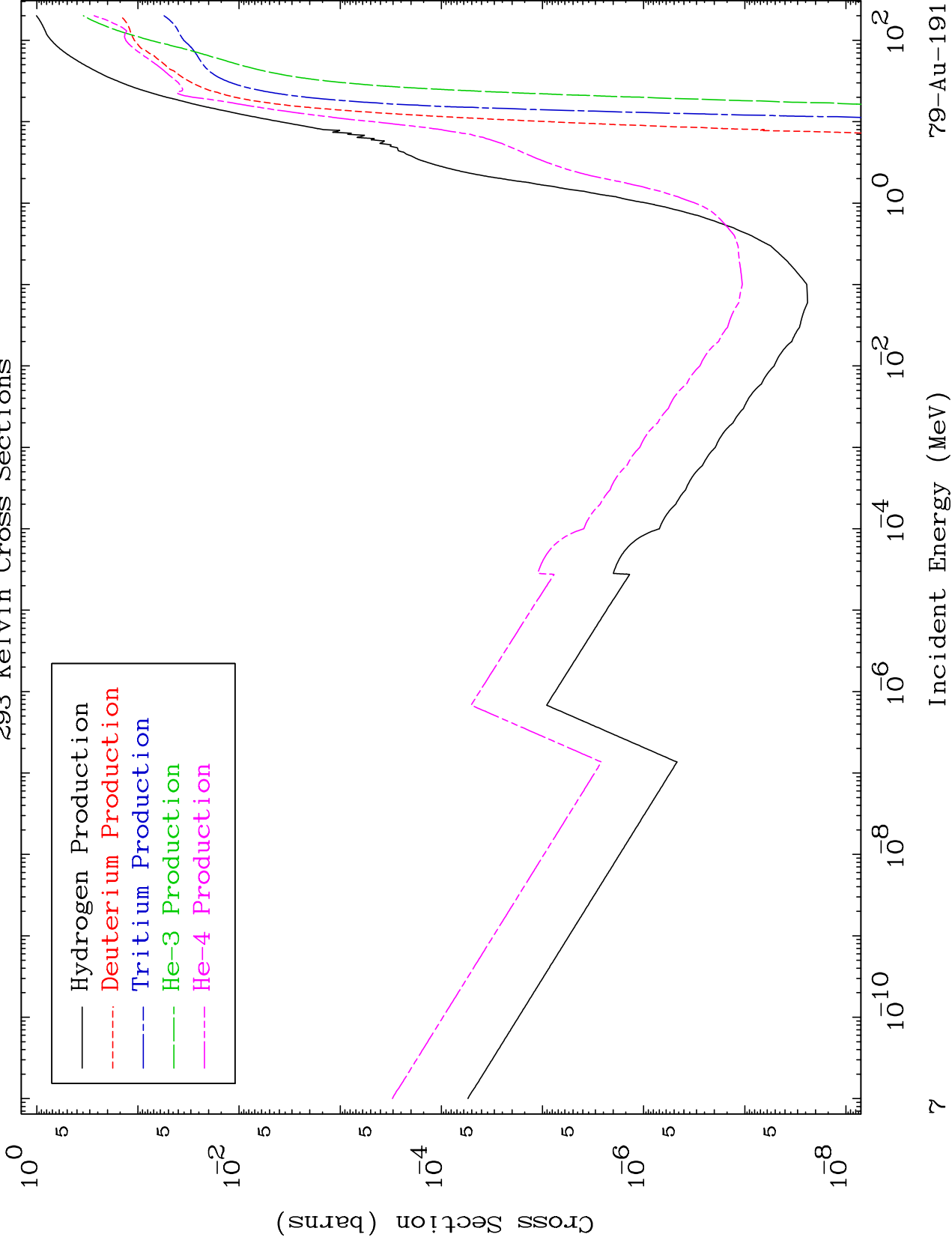
Incident Energy (MeV)

MAT 7907

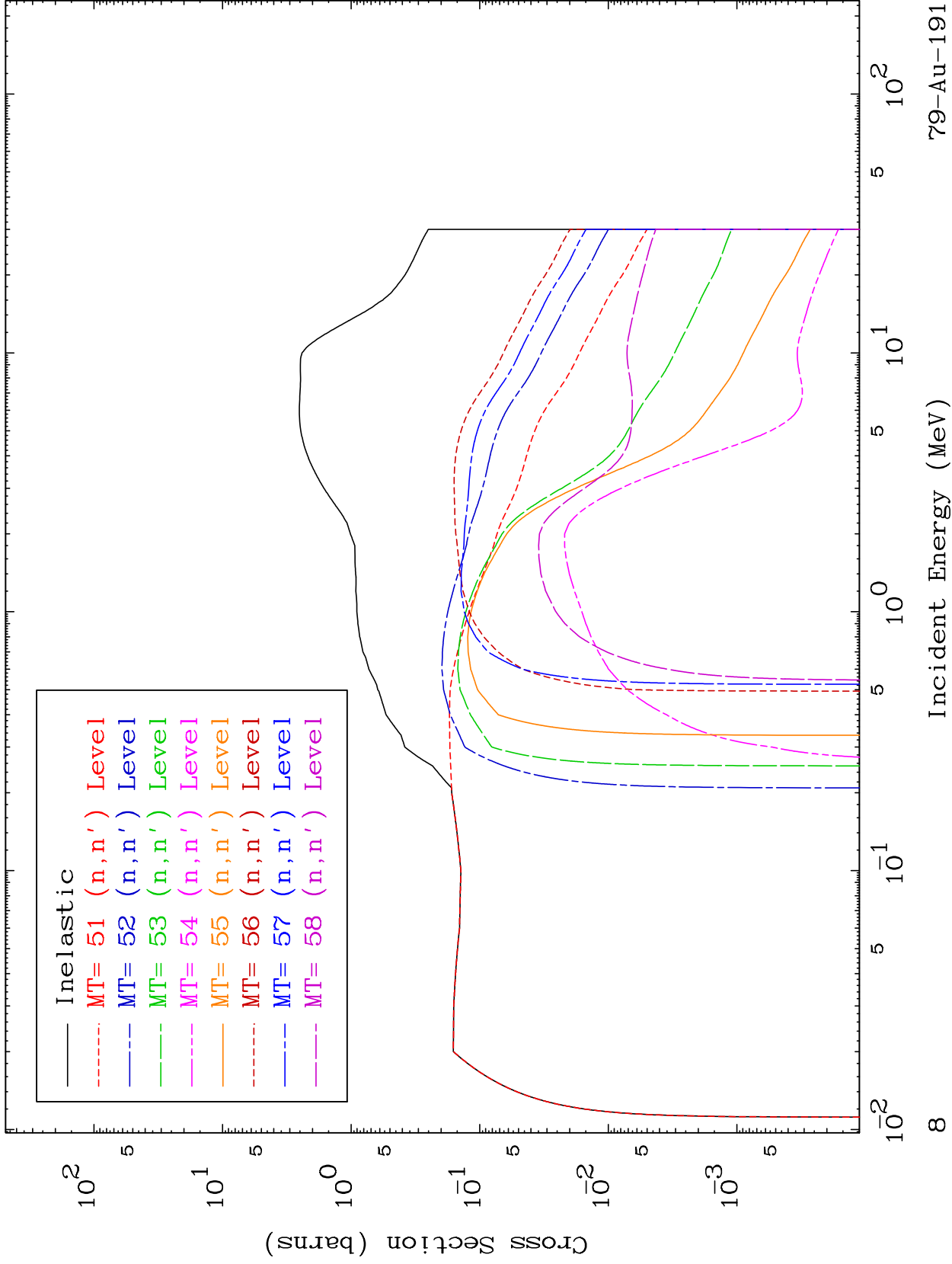
Charged Particle  
293 Kelvin Cross Sections

79-Au-191





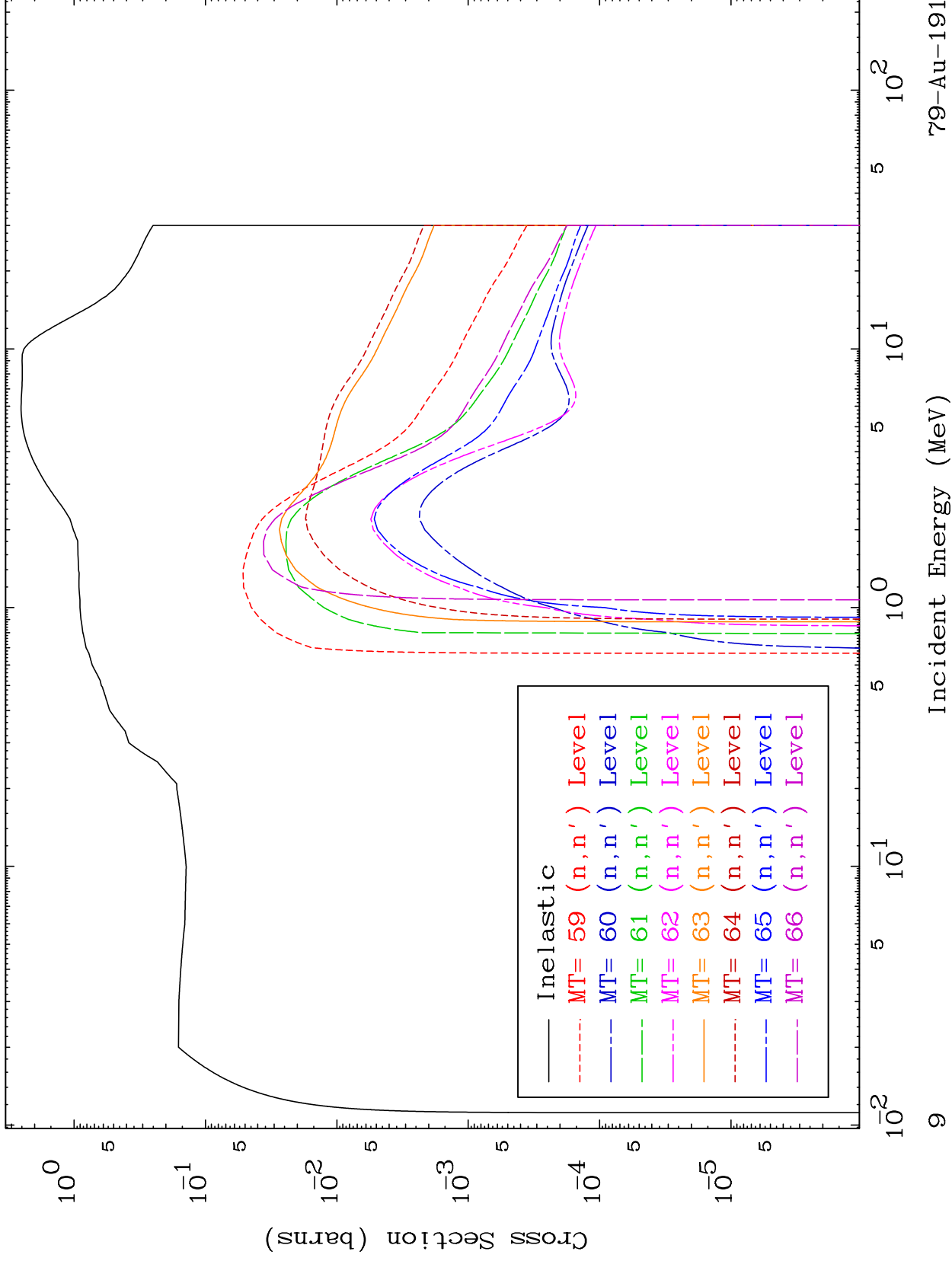




MAT 7907

(n,n') Levels  
293 Kelvin Cross Sections

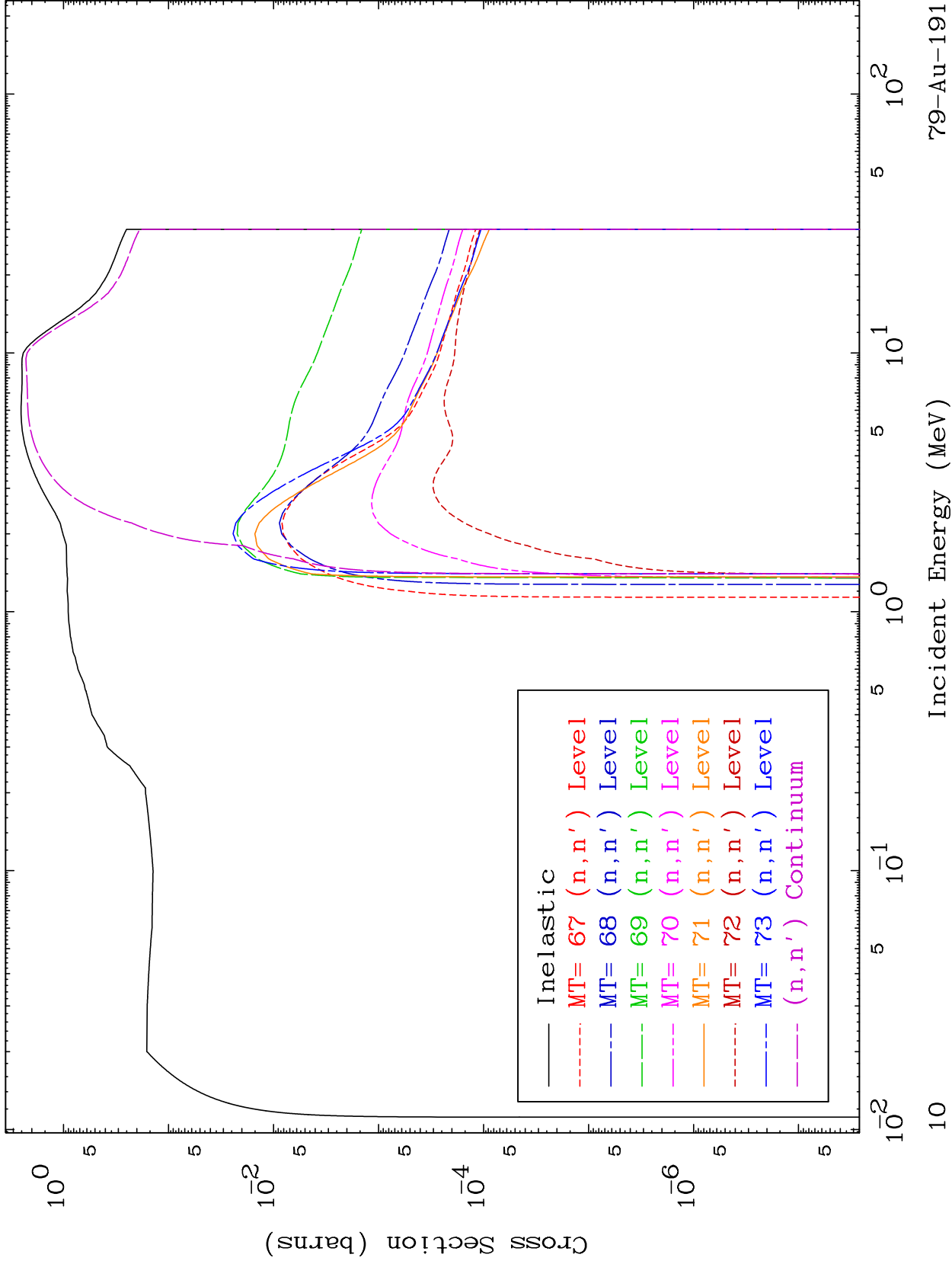
79-Au-191



MAT 7907

79-Au-191

293 (n,n') Levels  
Kelvin Cross Sections

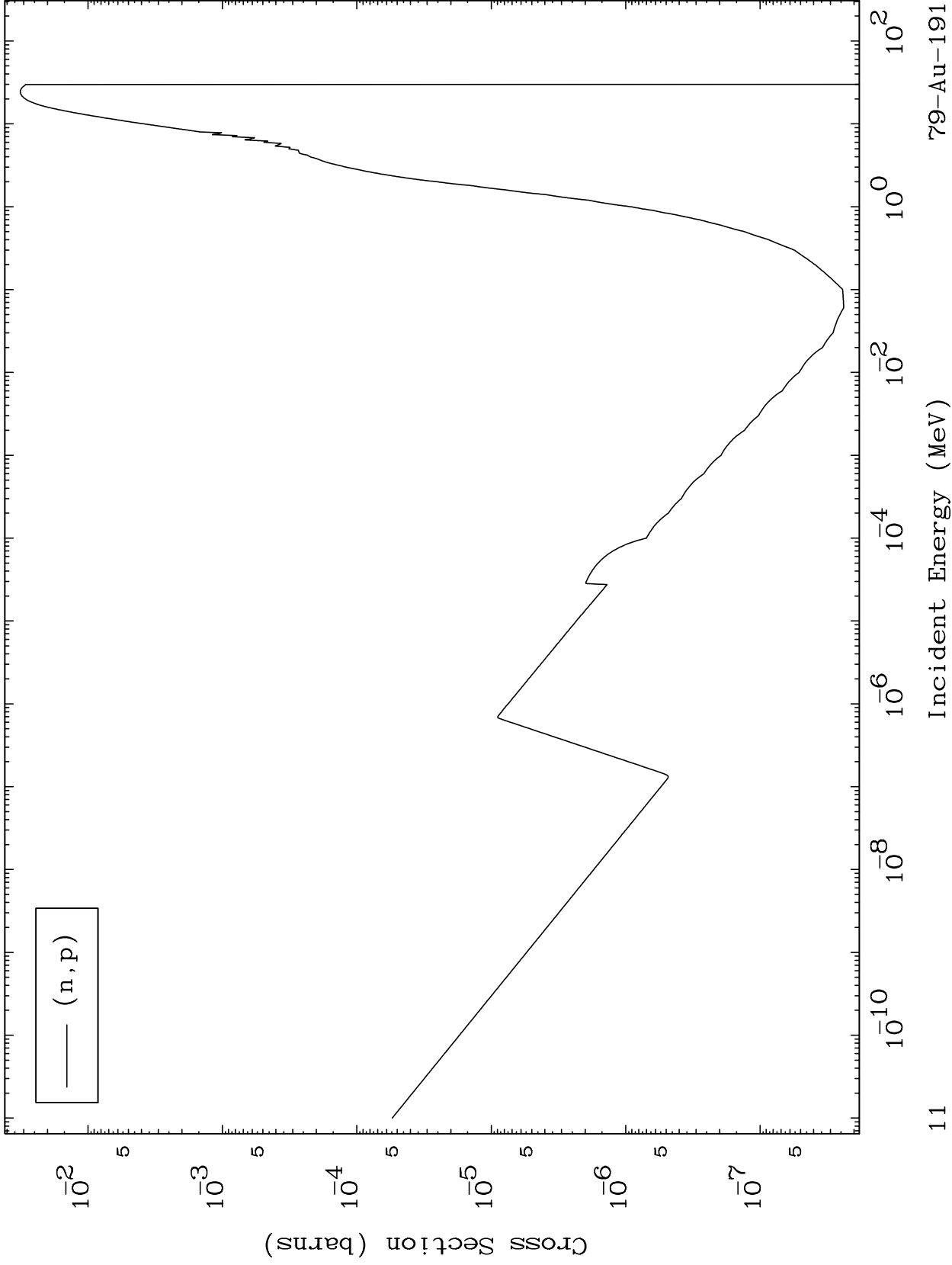


79-Au-191

MAT 7907

(n,p) Levels  
293 Kelvin Cross Sections

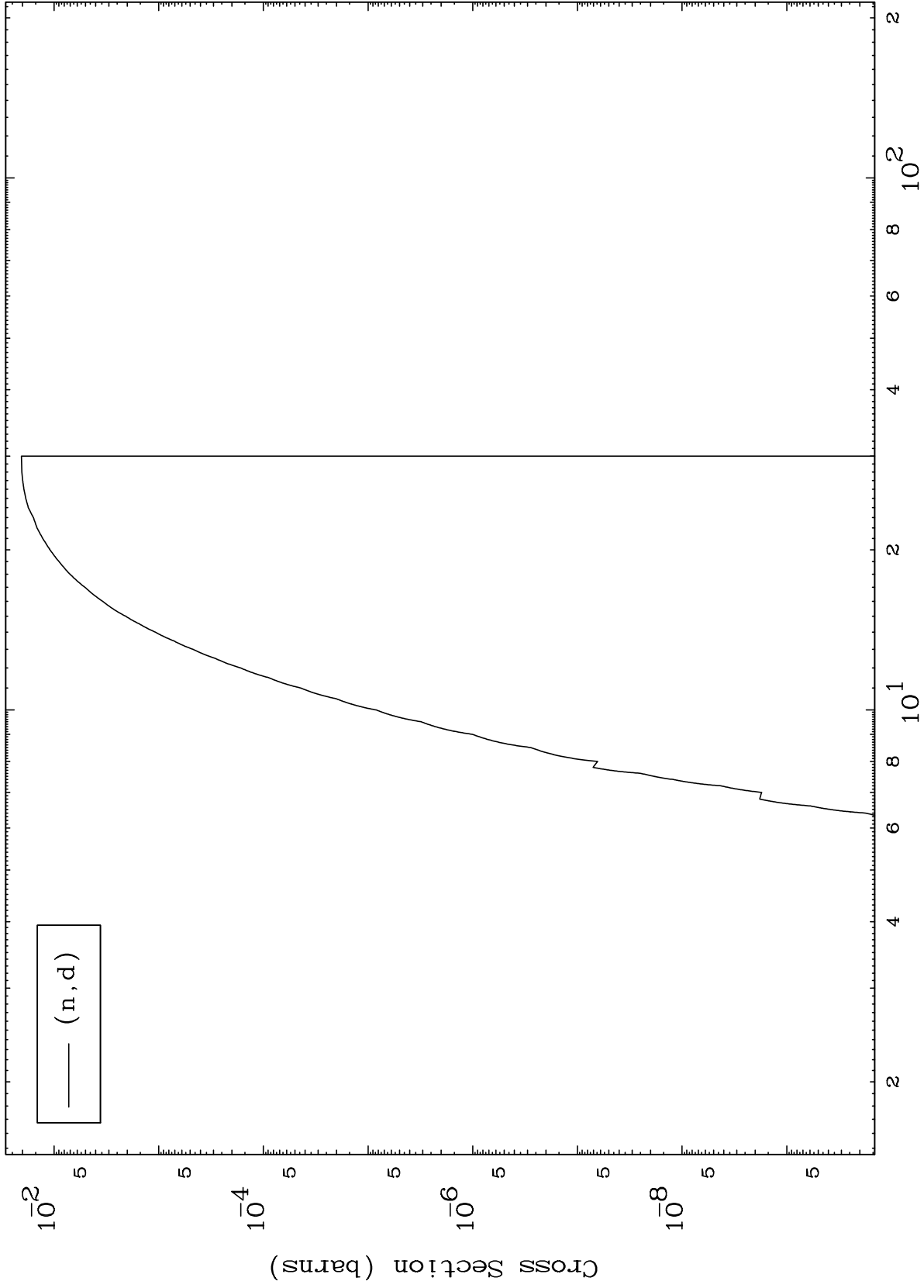
79-Au-191



MAT 7907

(n,d) Levels  
293 Kelvin Cross Sections

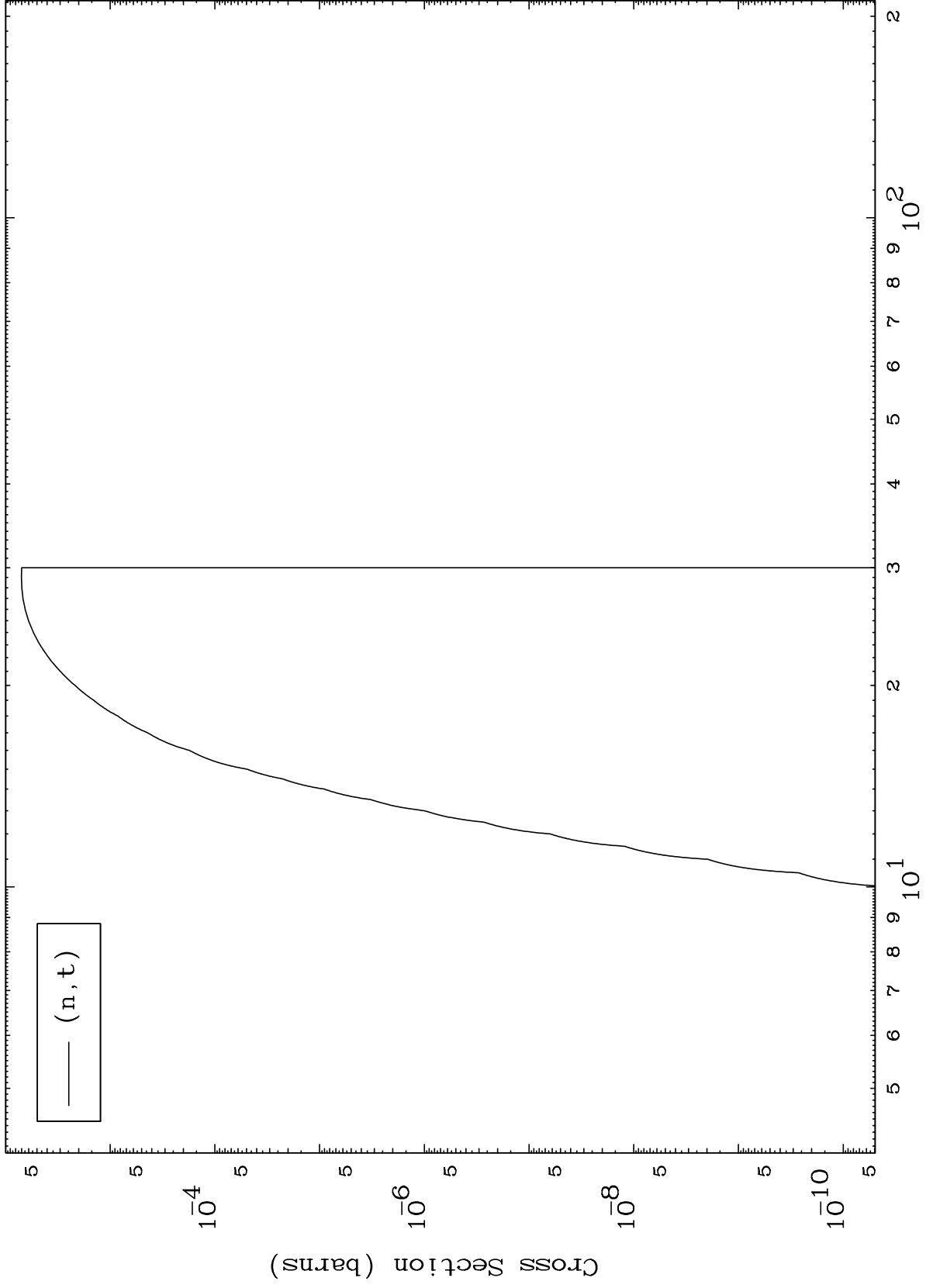
79-Au-191



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Incident Energy (MeV)

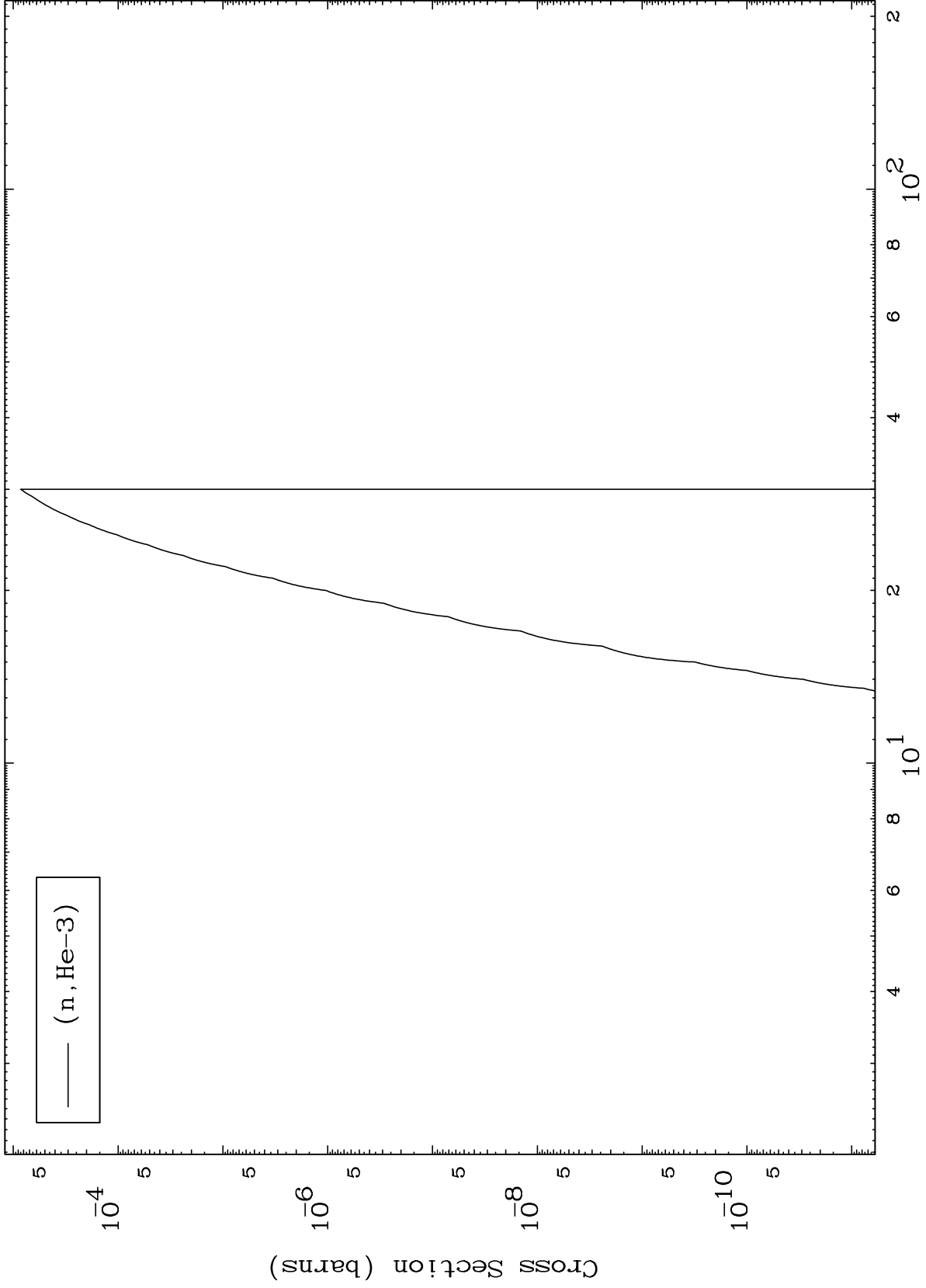
79-Au-191



MAT 7907

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-191



14

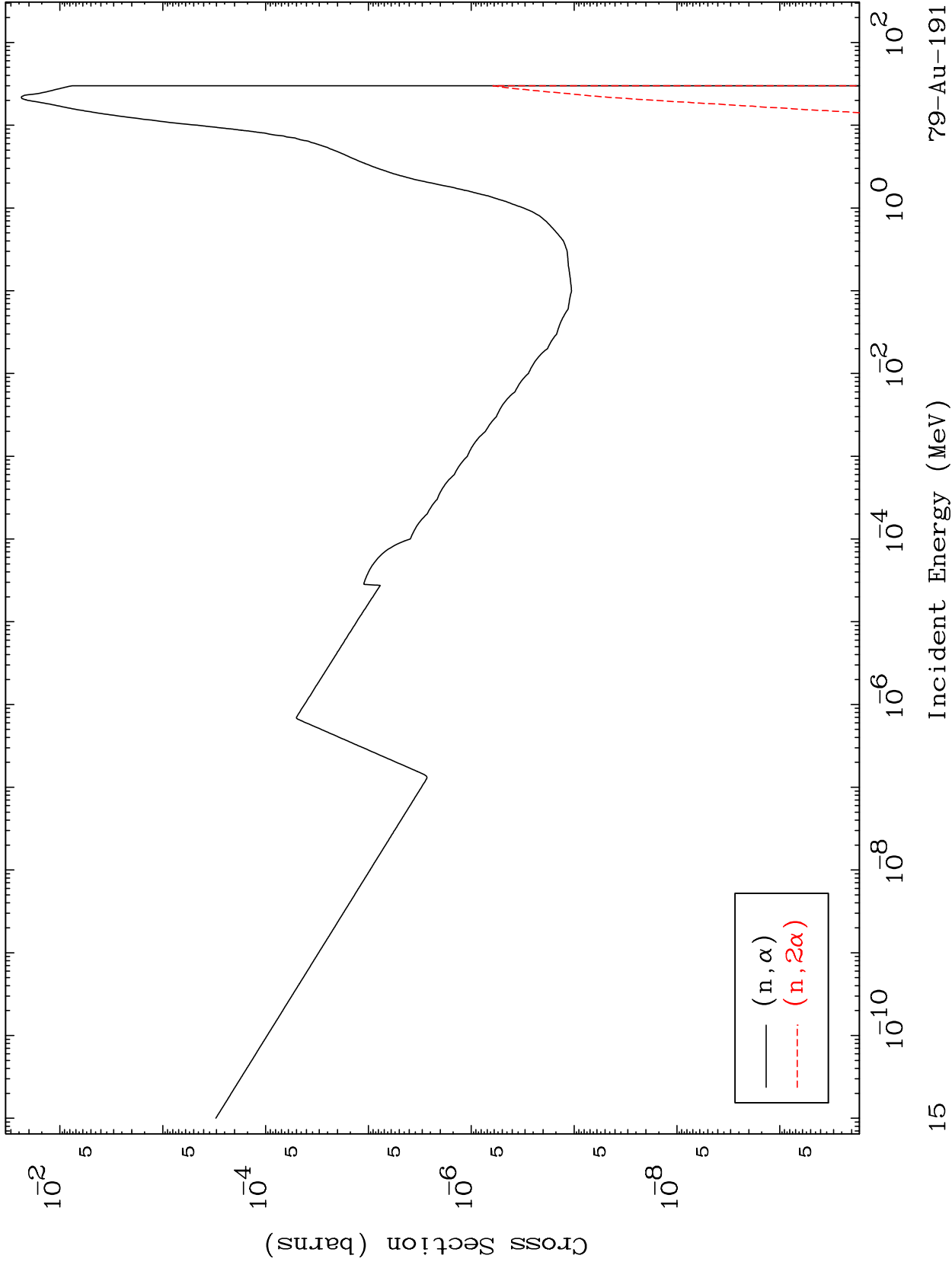
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191

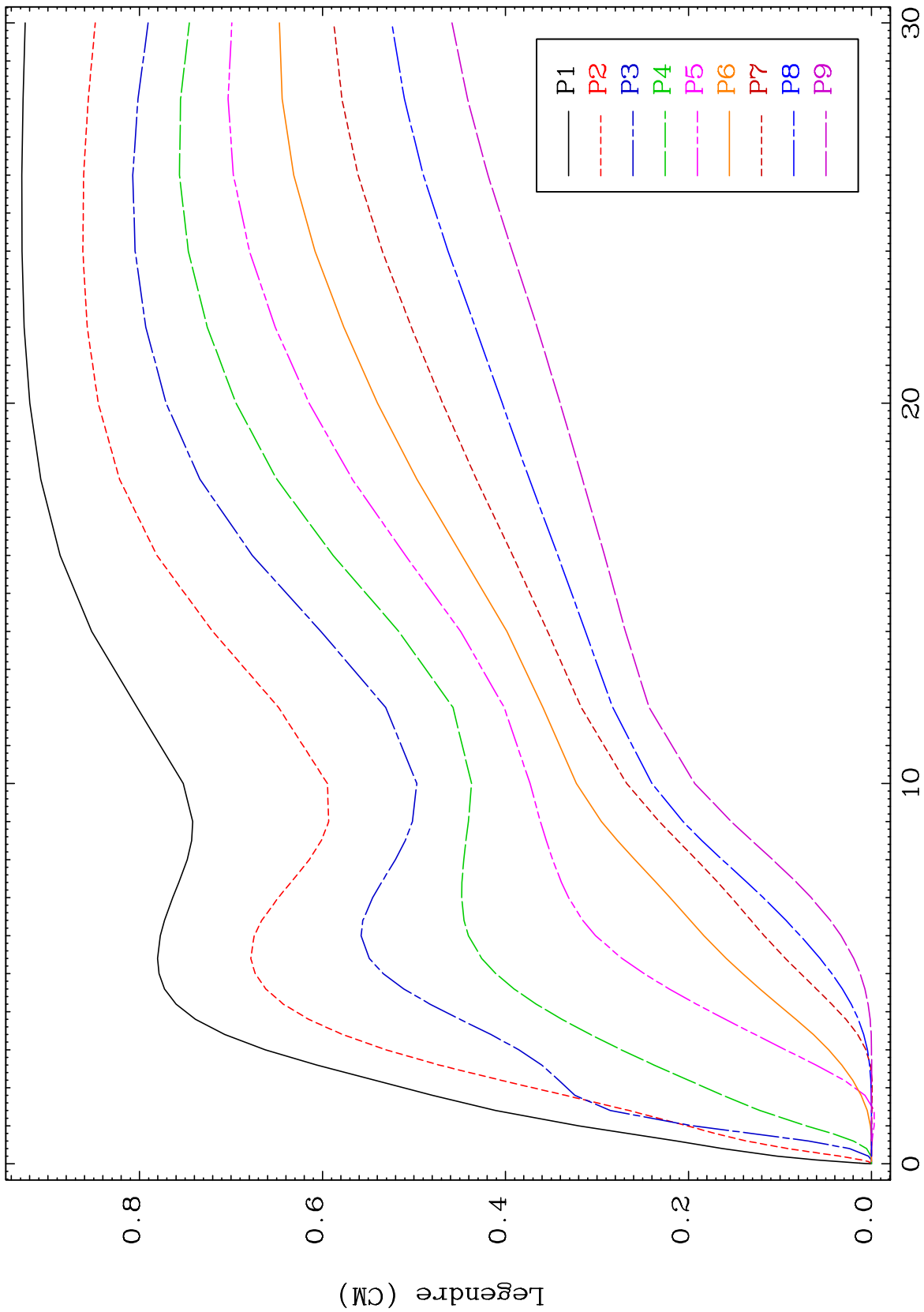




MAT 7907

79-Au-191

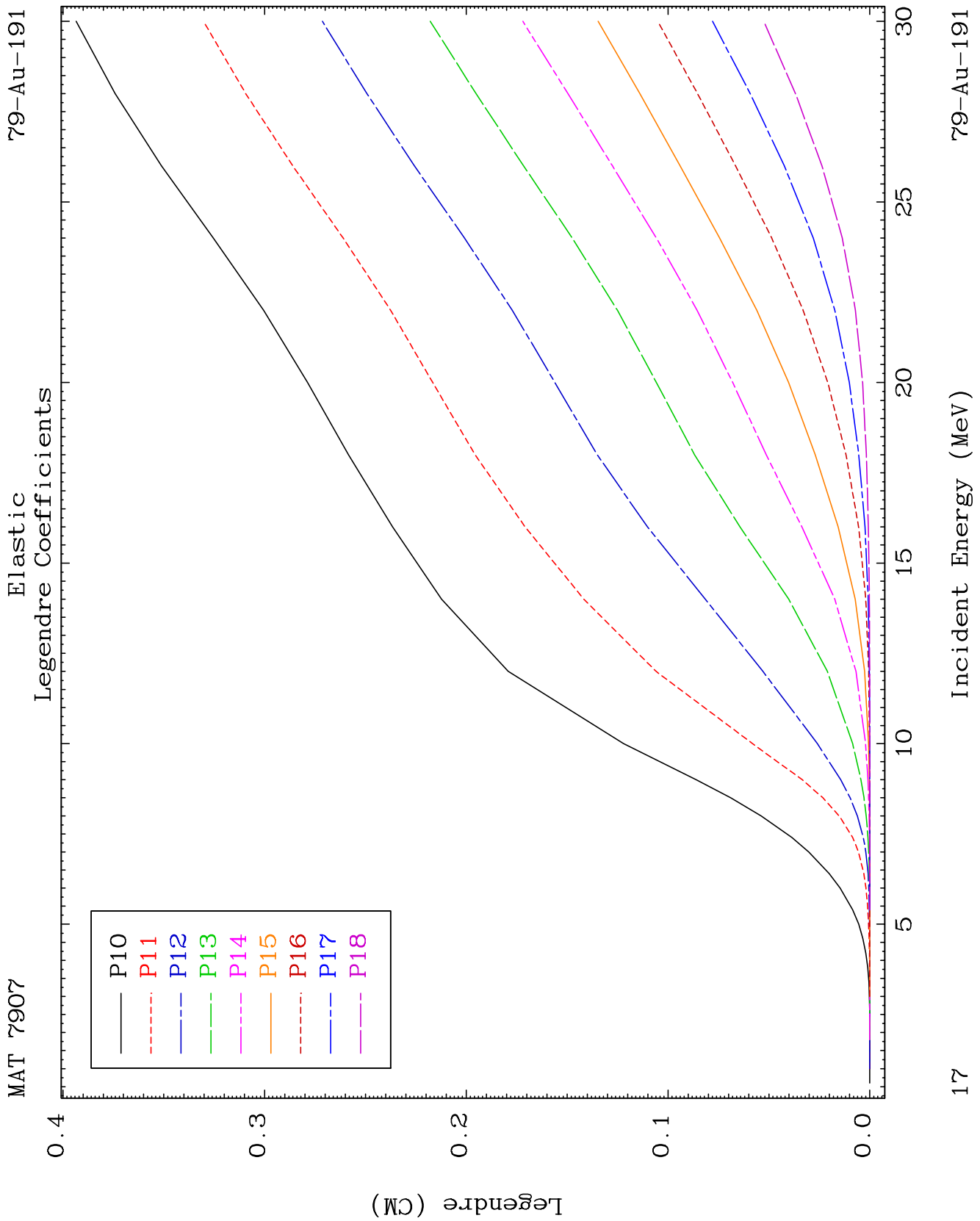
Elastic Legendre Coefficients



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Incident Energy (MeV)

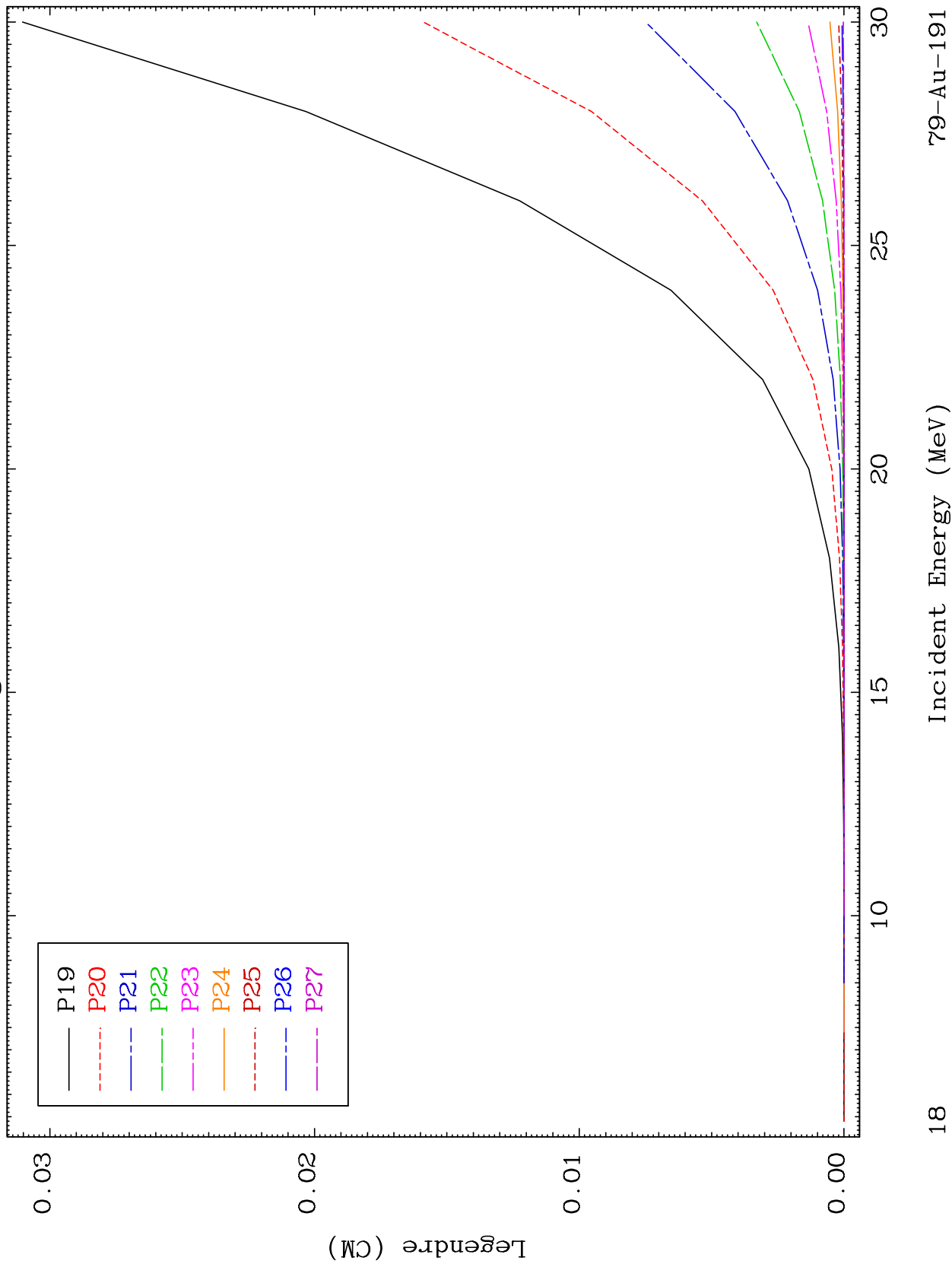
79-Au-191



MAT 7907

Elastic Legendre Coefficients

79-Au-191



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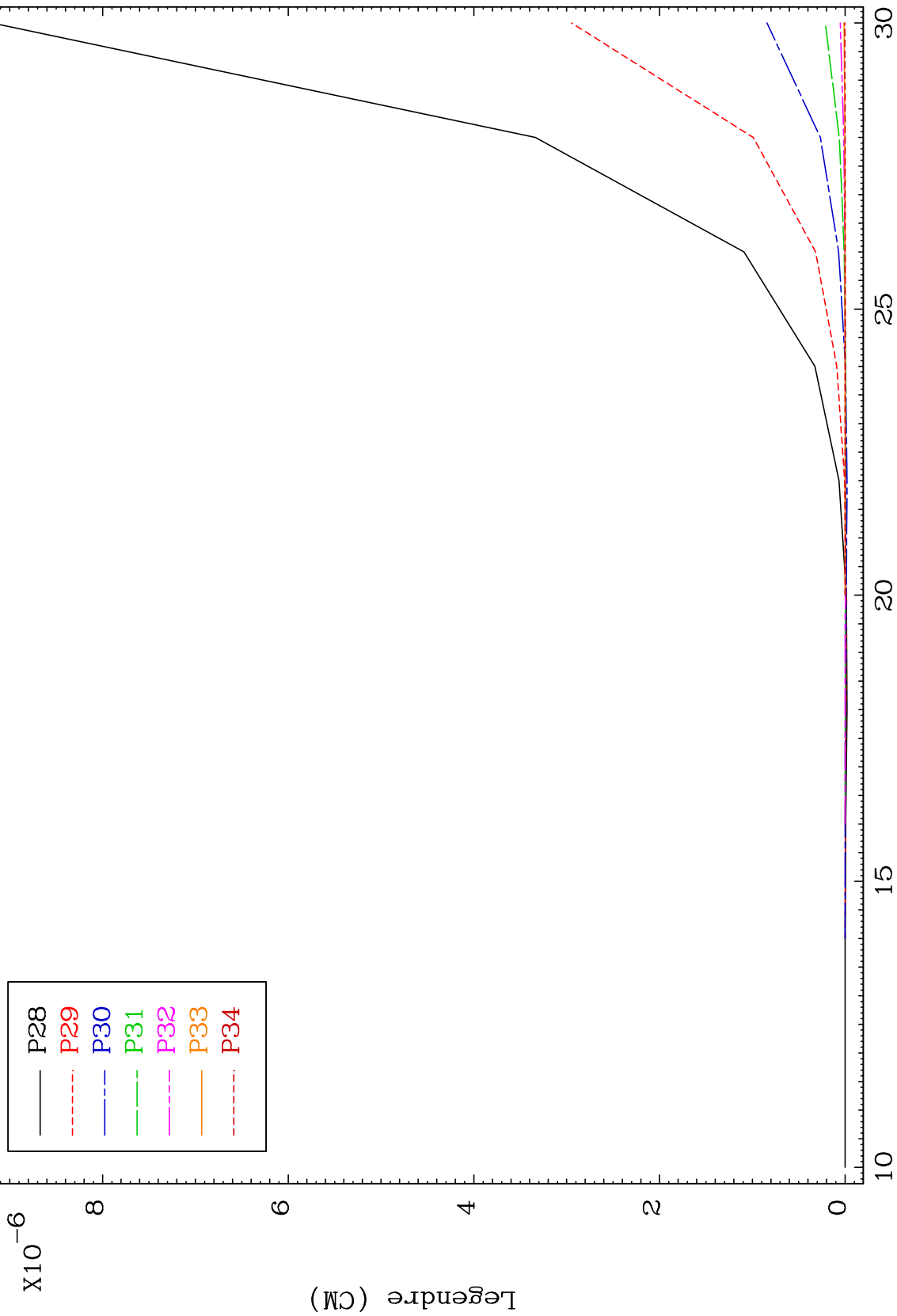
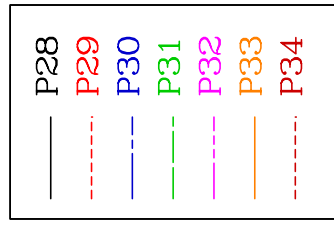
Incident Energy (MeV)

79-Au-191

MAT 7907

Elastic  
Legendre Coefficients

79-Au-191



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15

20

25

30

Incident Energy (MeV)

79-Au-191

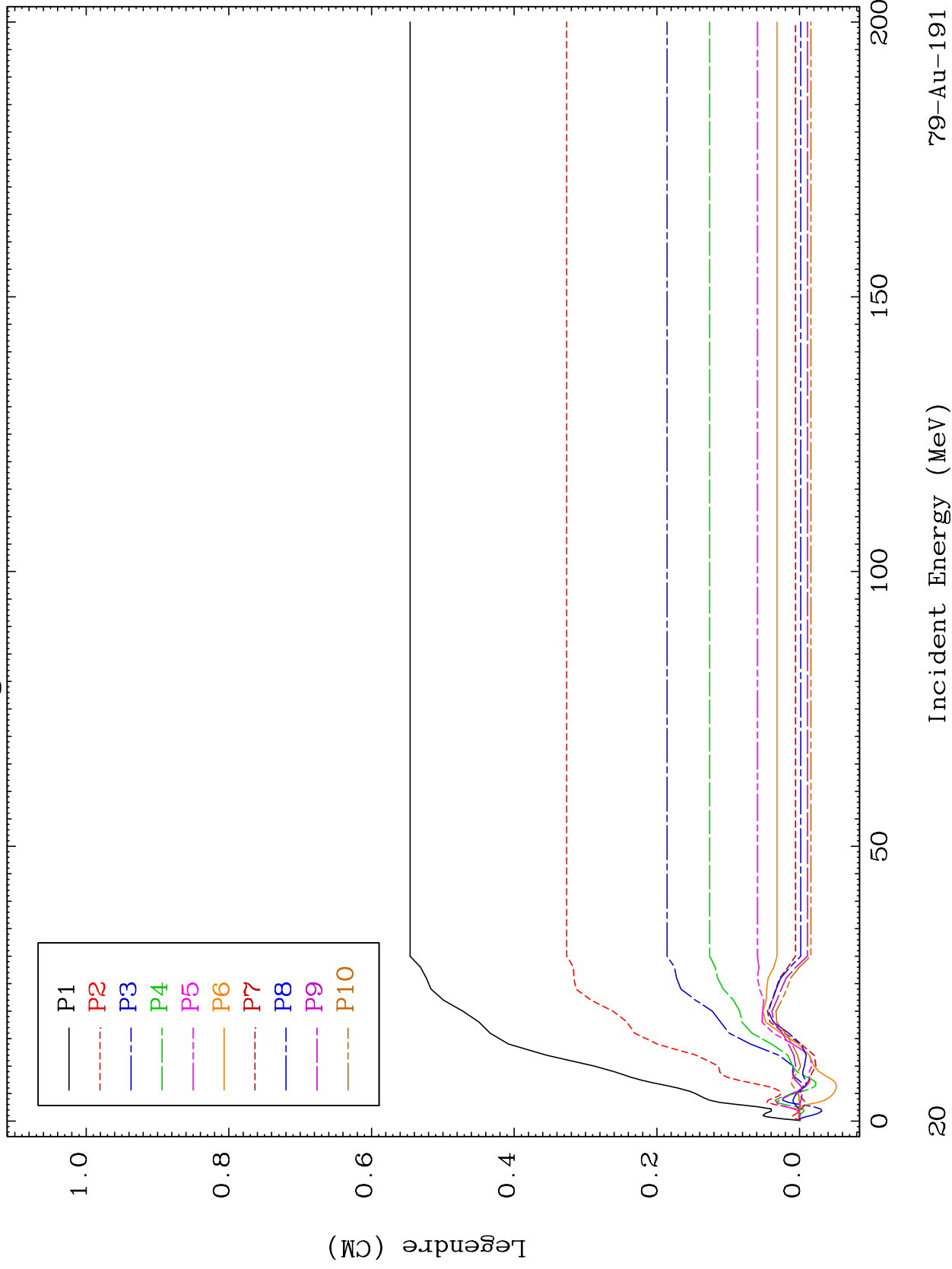
Legendre (CM)

$\times 10^{-6}$

MAT 7907

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

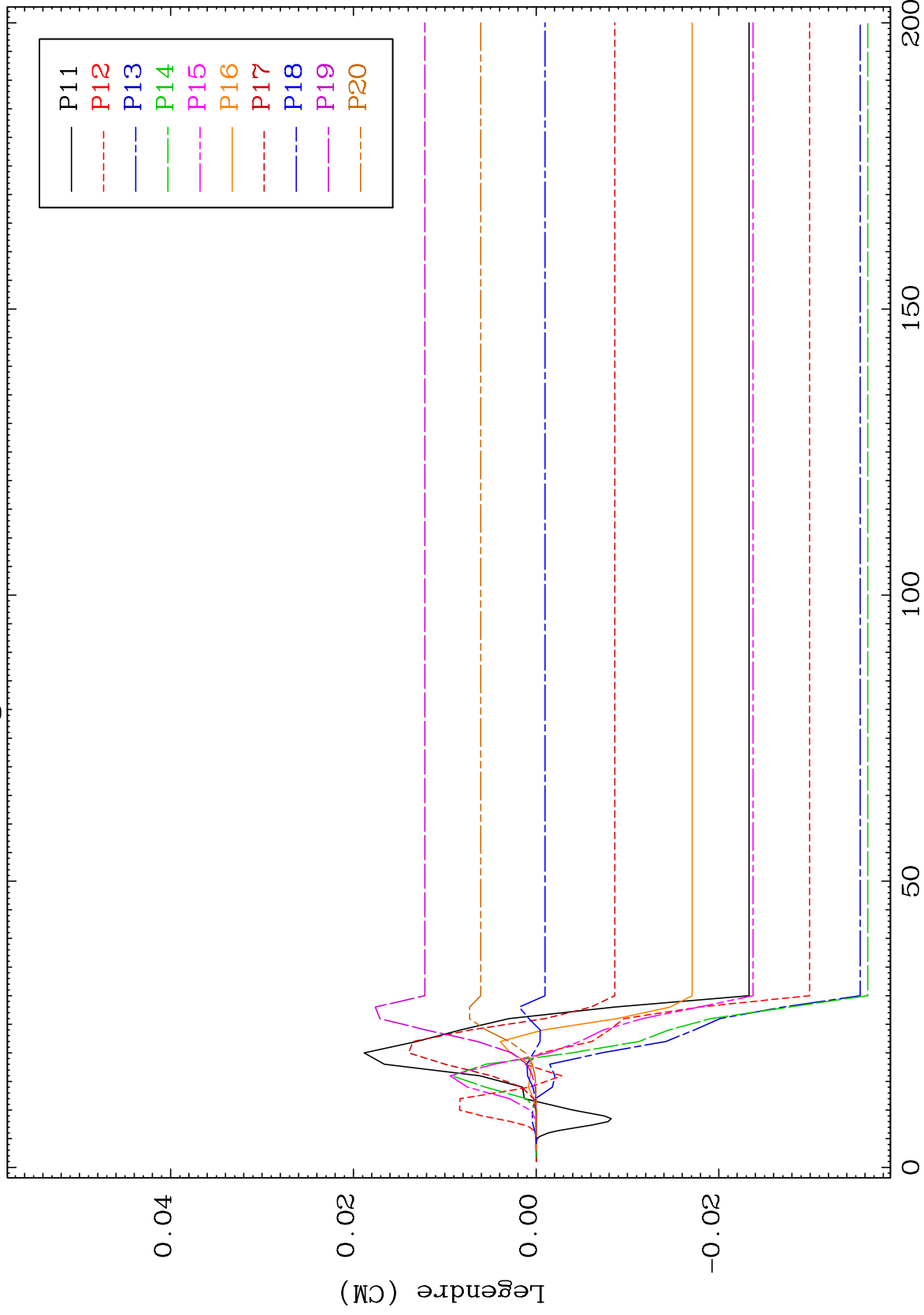
79-Au-191



MAT 7907

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

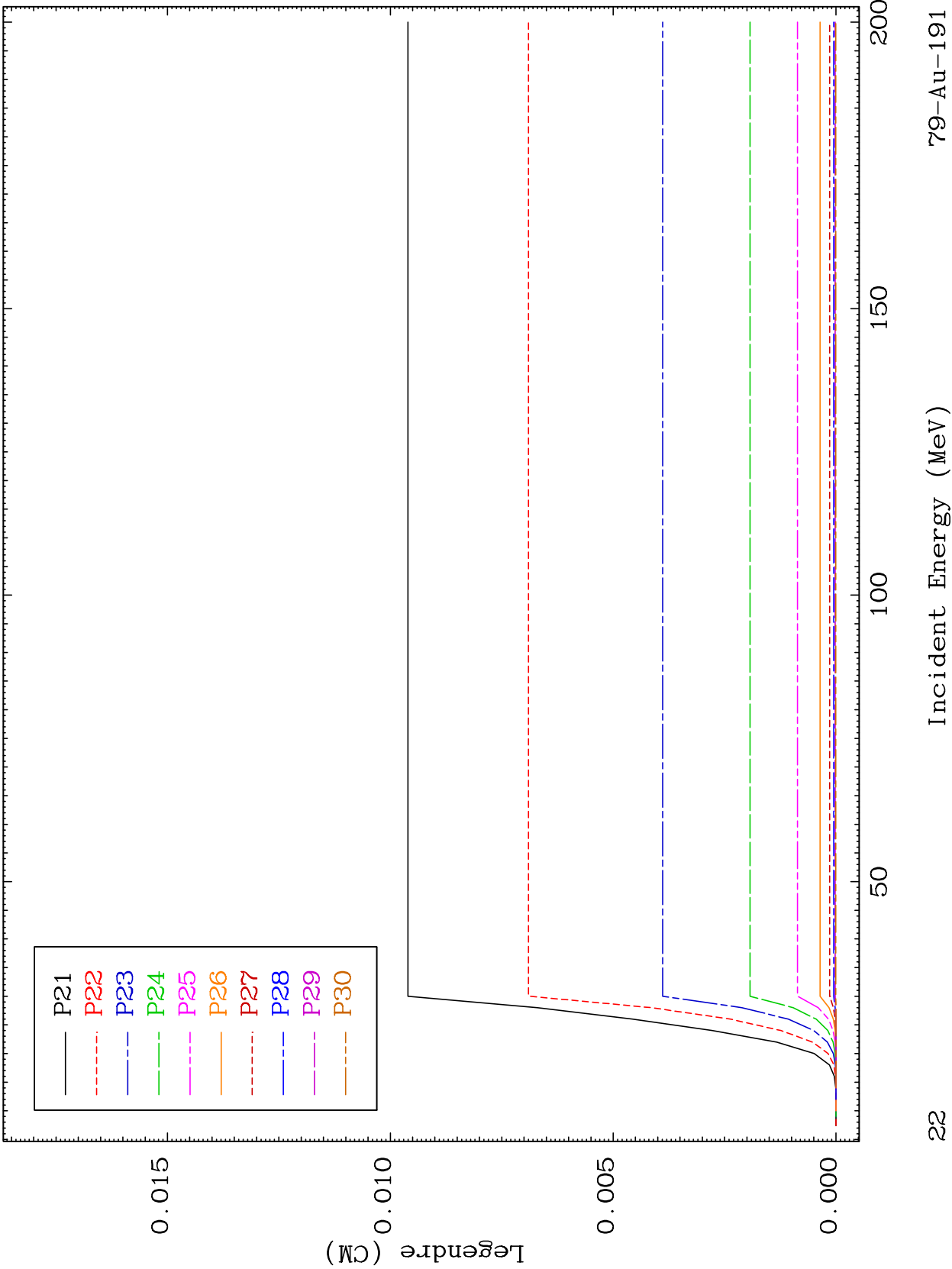
79-Au-191

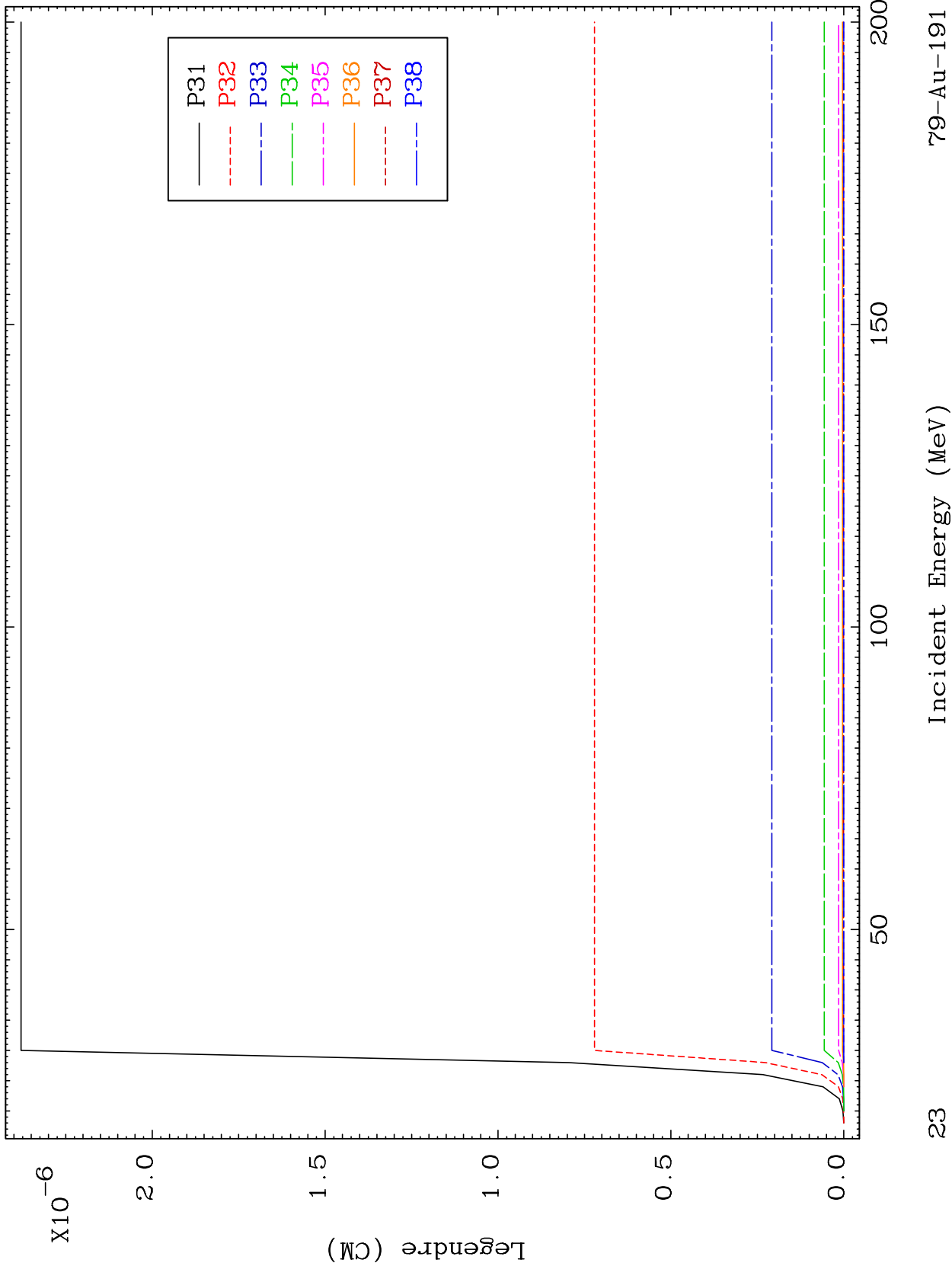


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Incident Energy (MeV)

79-Au-191



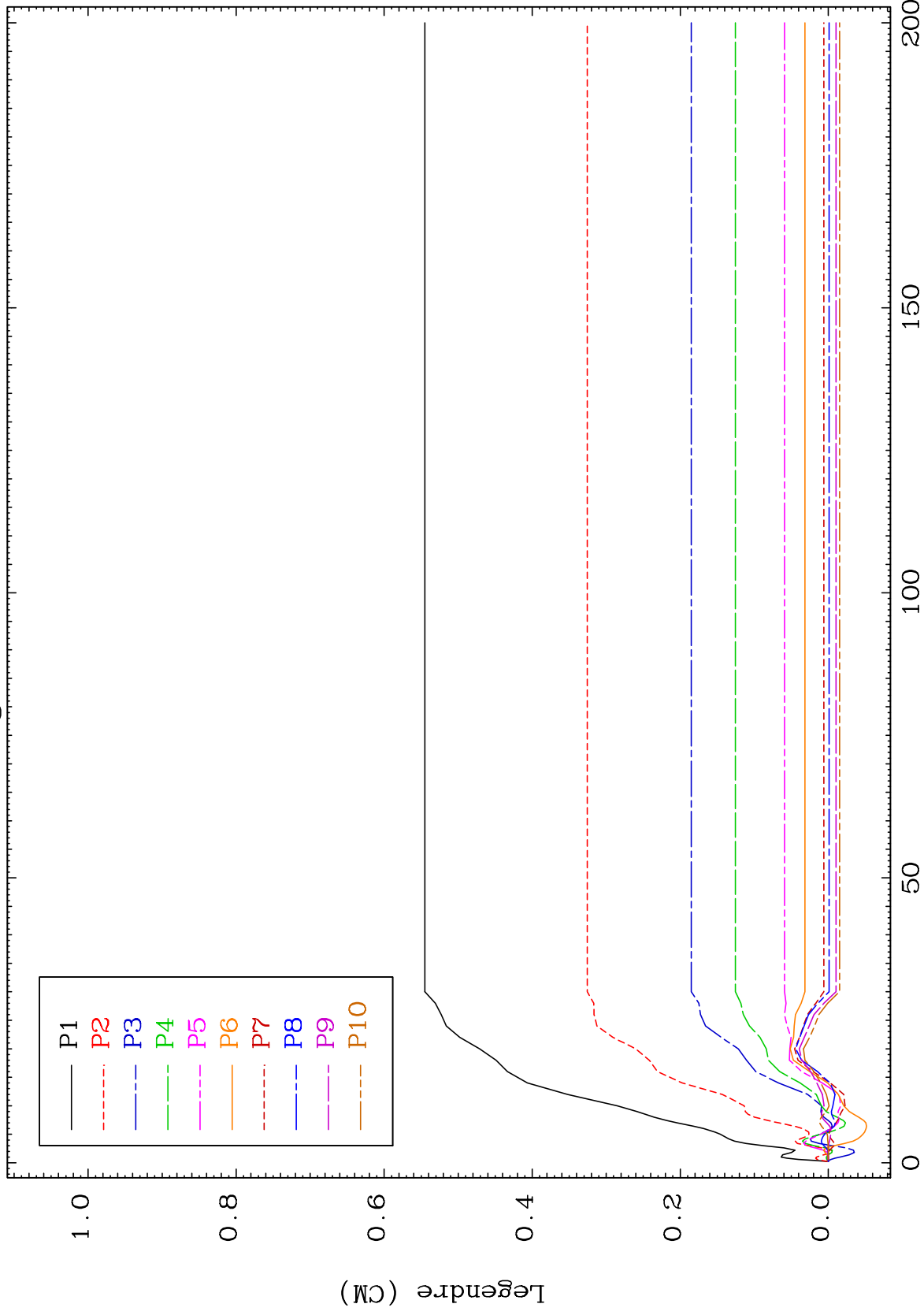




MAT 7907

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

79-Au-191



24

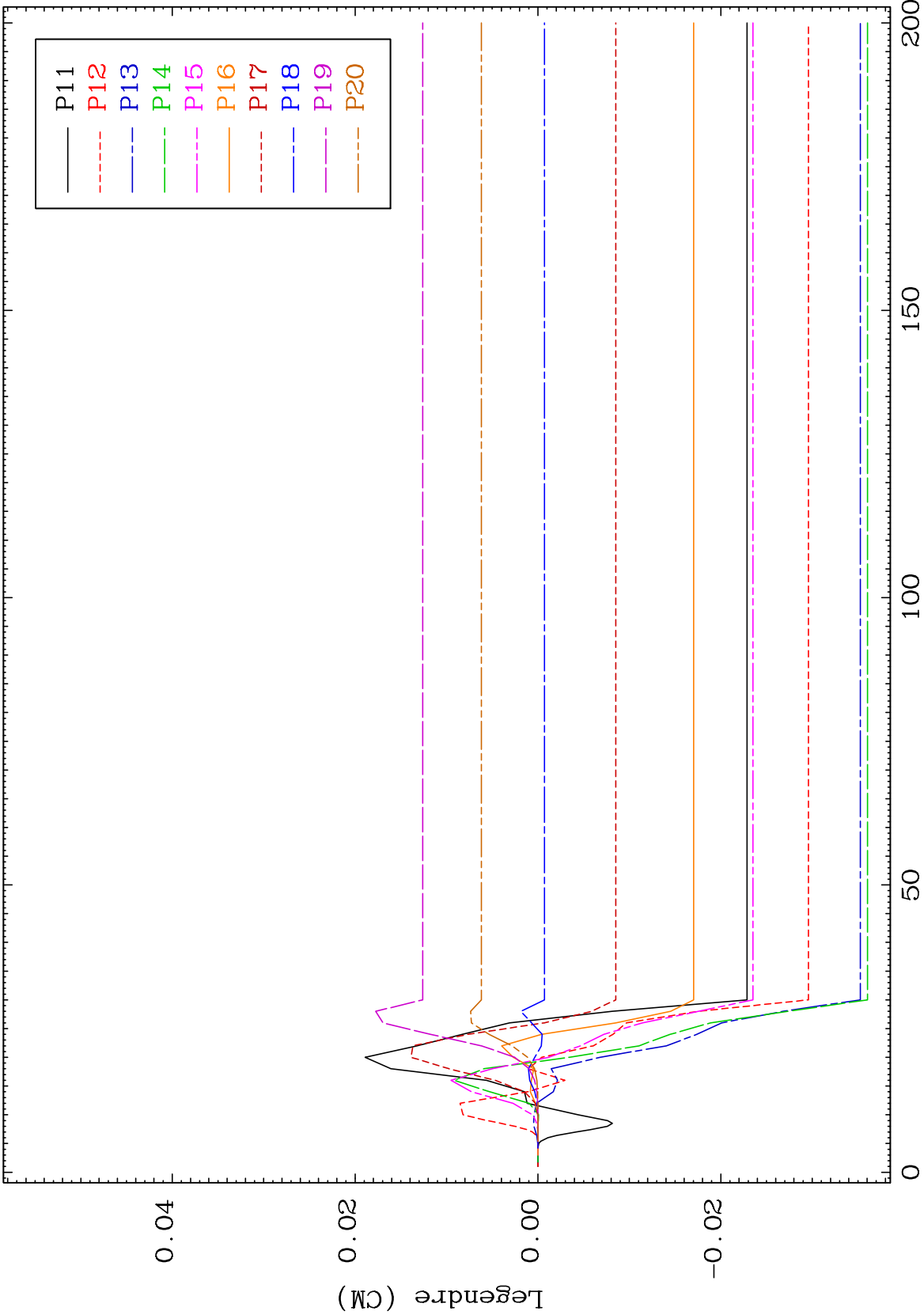
Incident Energy (MeV)

79-Au-191

MAT 7907

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

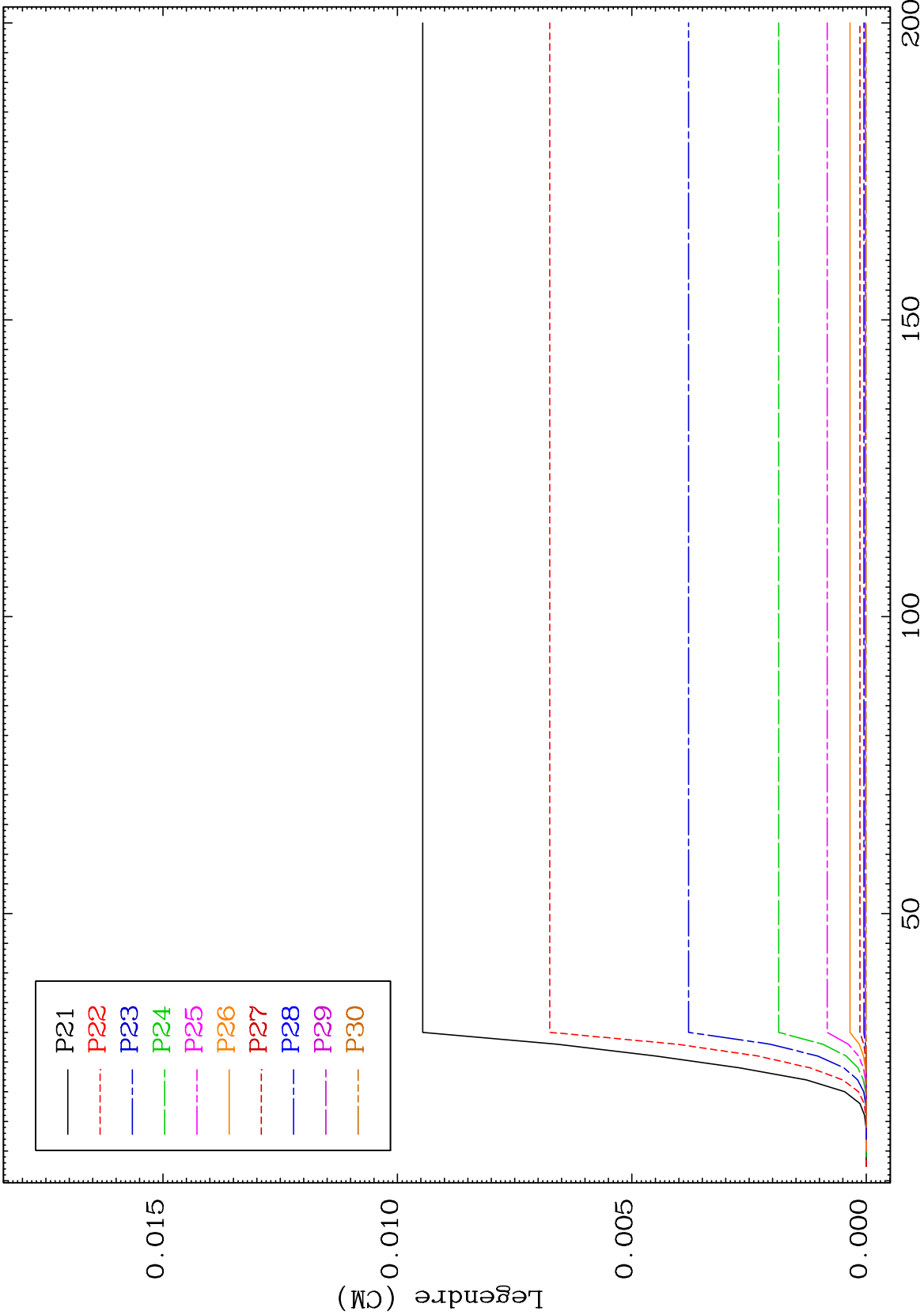
79-Au-191



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Incident Energy (MeV)

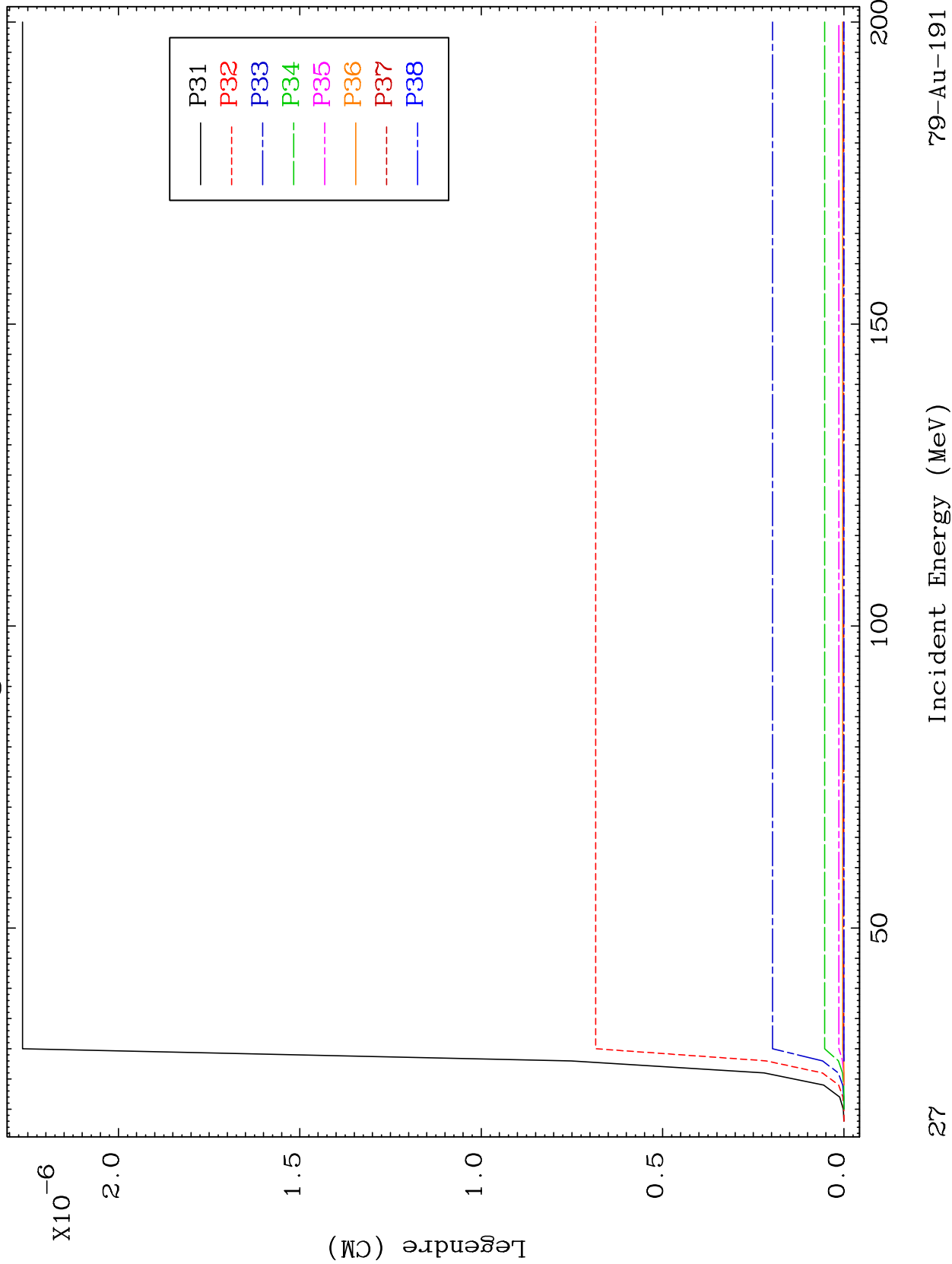
79-Au-191



MAT 7907

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

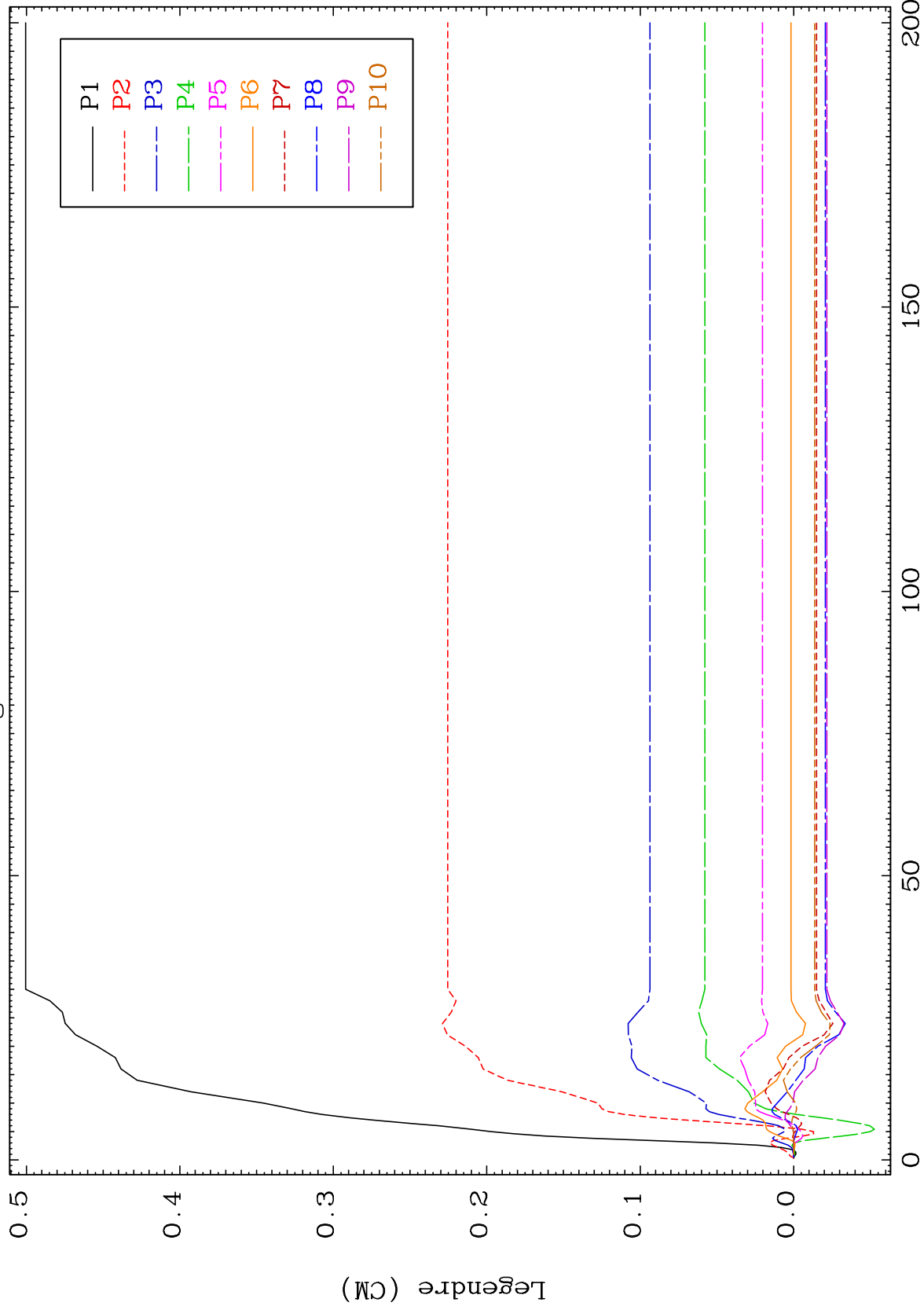
79-Au-191



MAT 7907

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

79-Au-191



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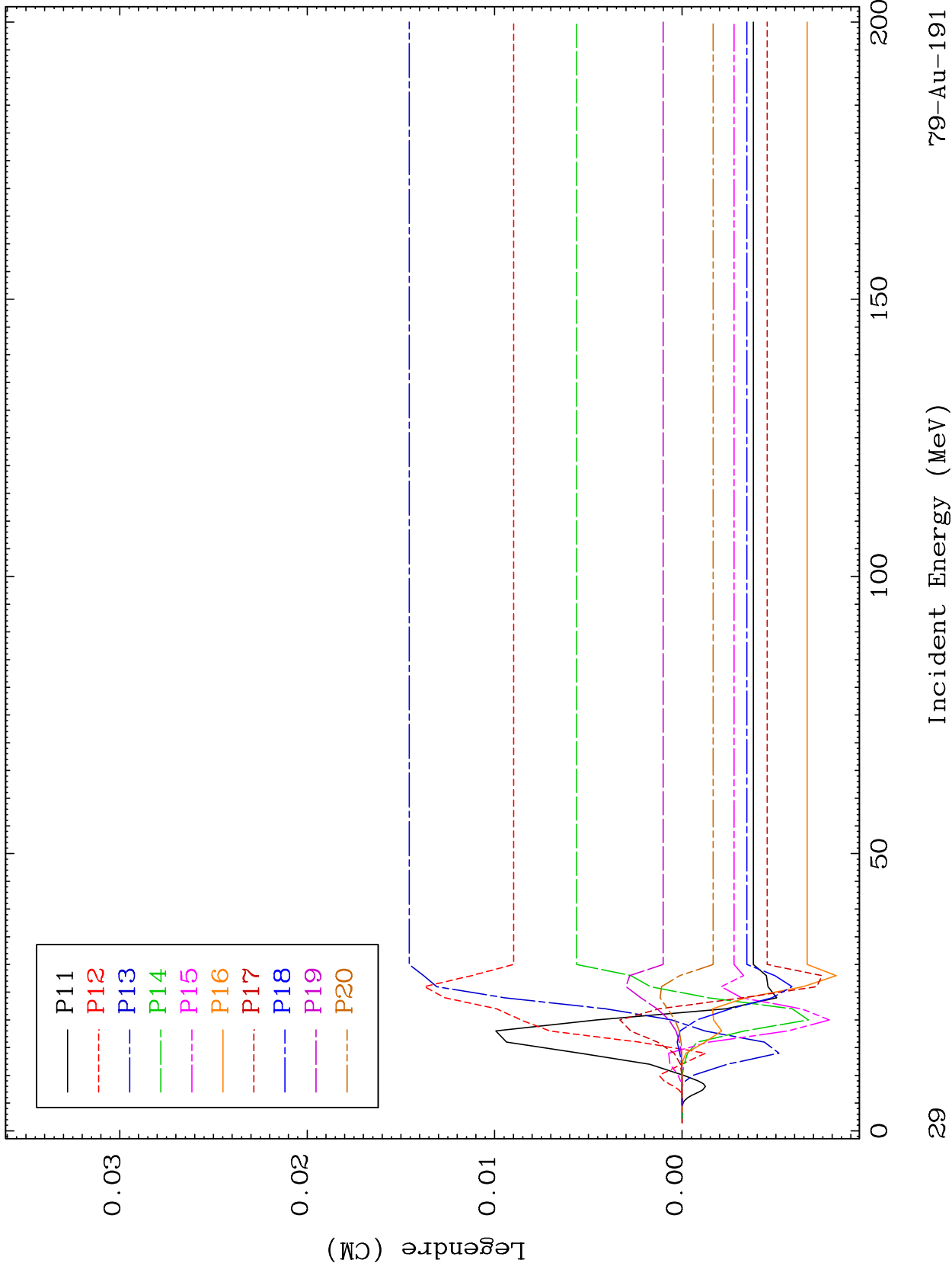
Incident Energy (MeV)

79-Au-191

MAT 7907

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

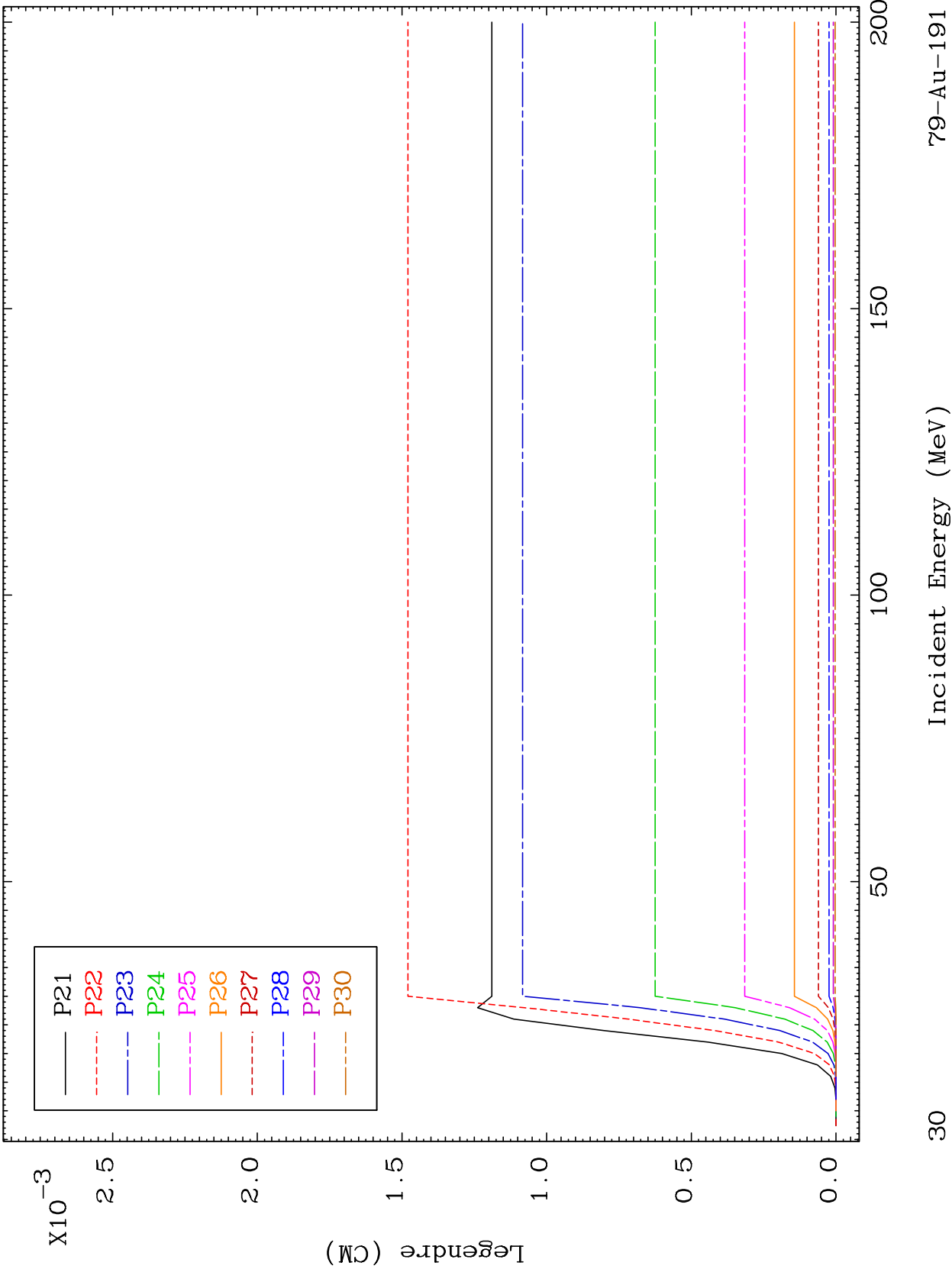
79-Au-191



MAT 7907

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

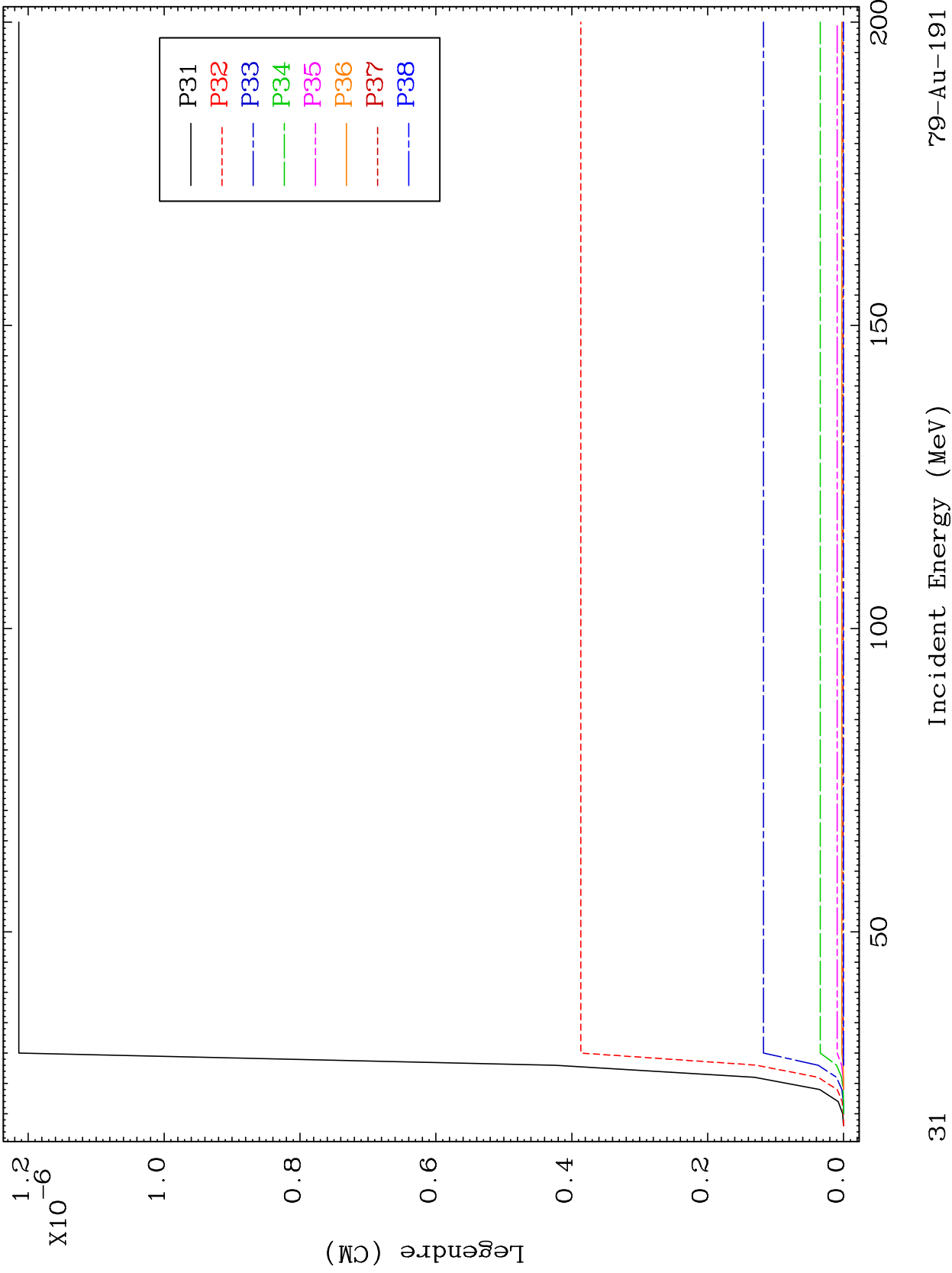
79-Au-191



30

Incident Energy (MeV)

79-Au-191

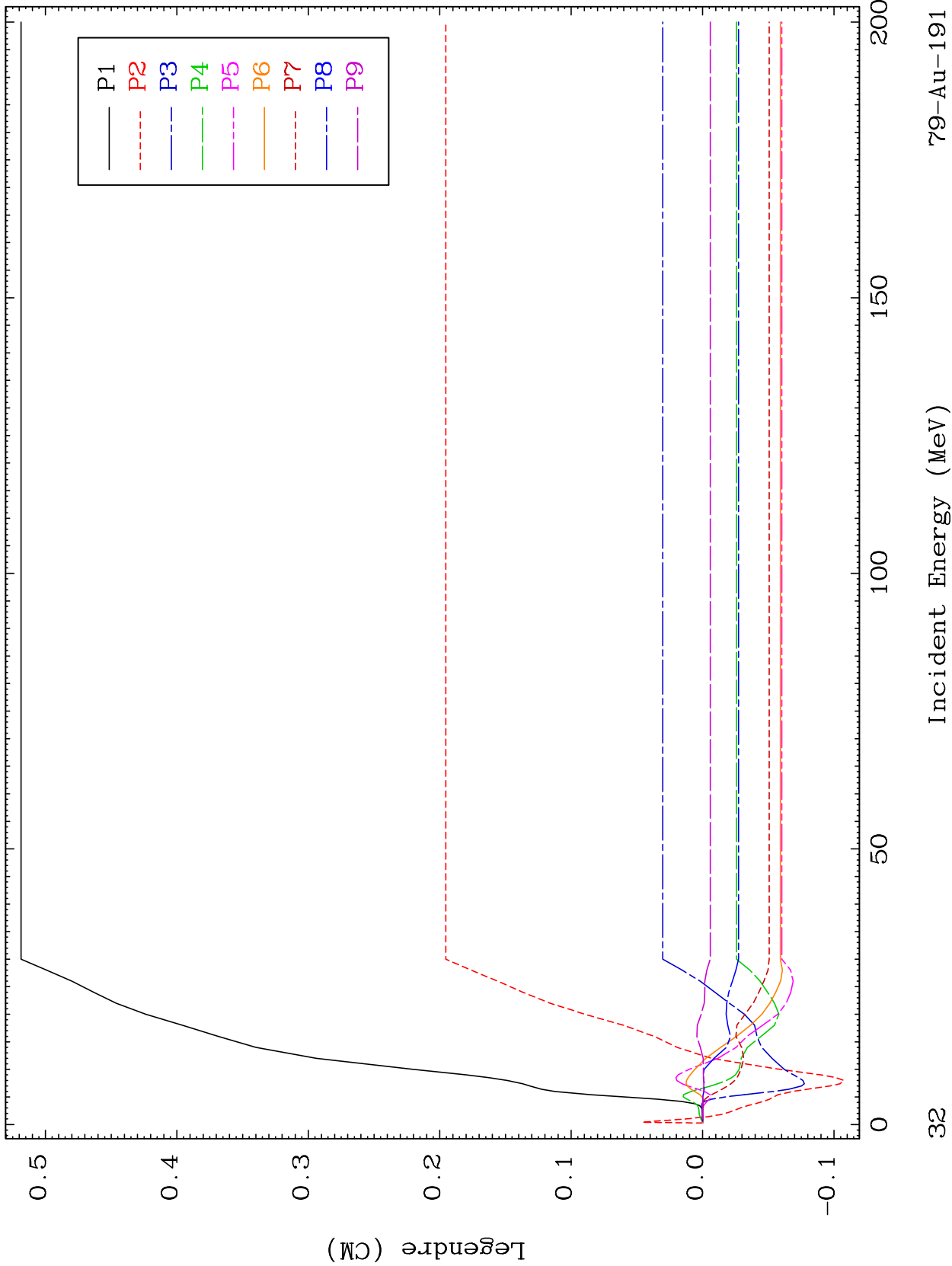




MAT 7907

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

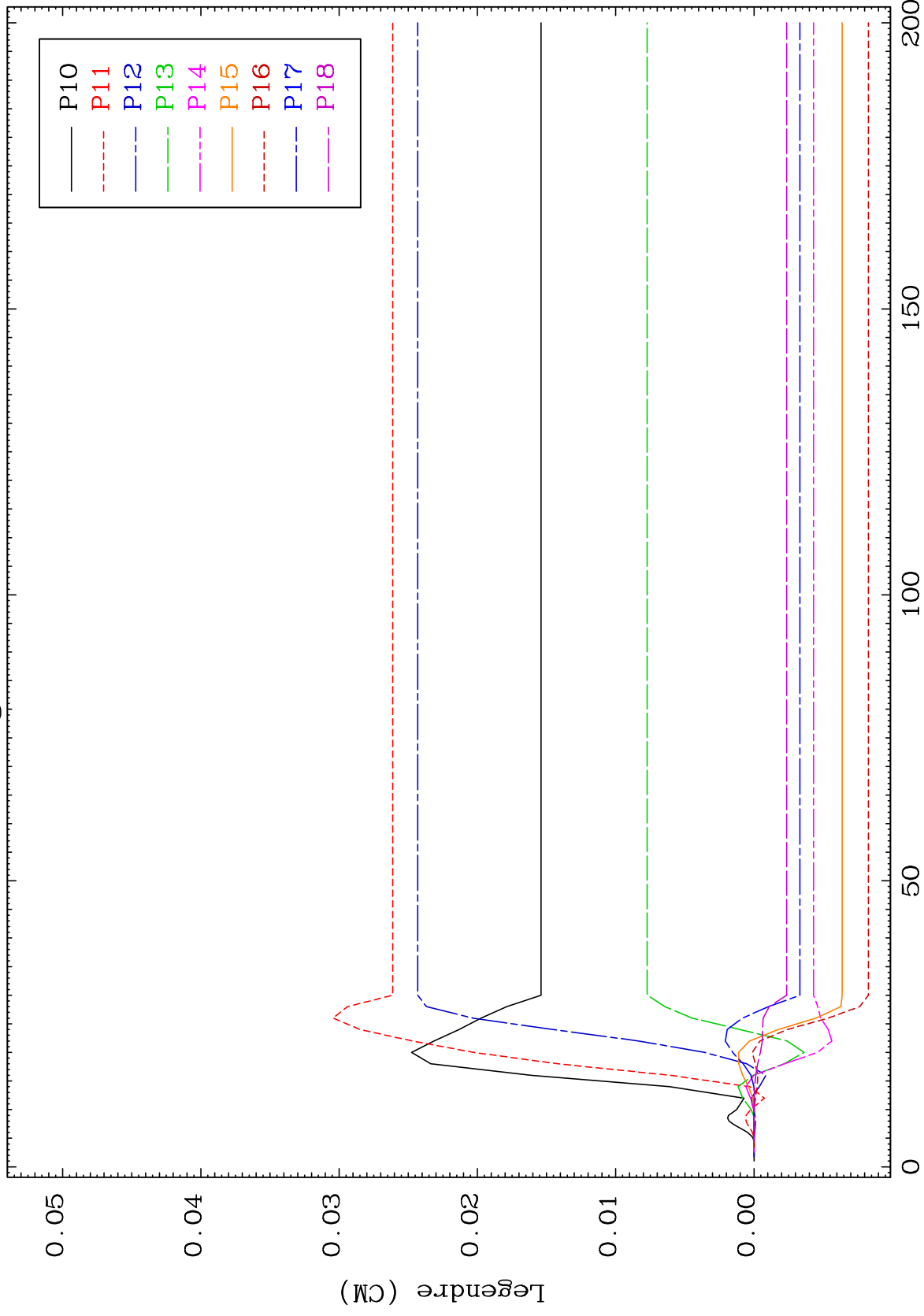
79-Au-191



MAT 7907

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

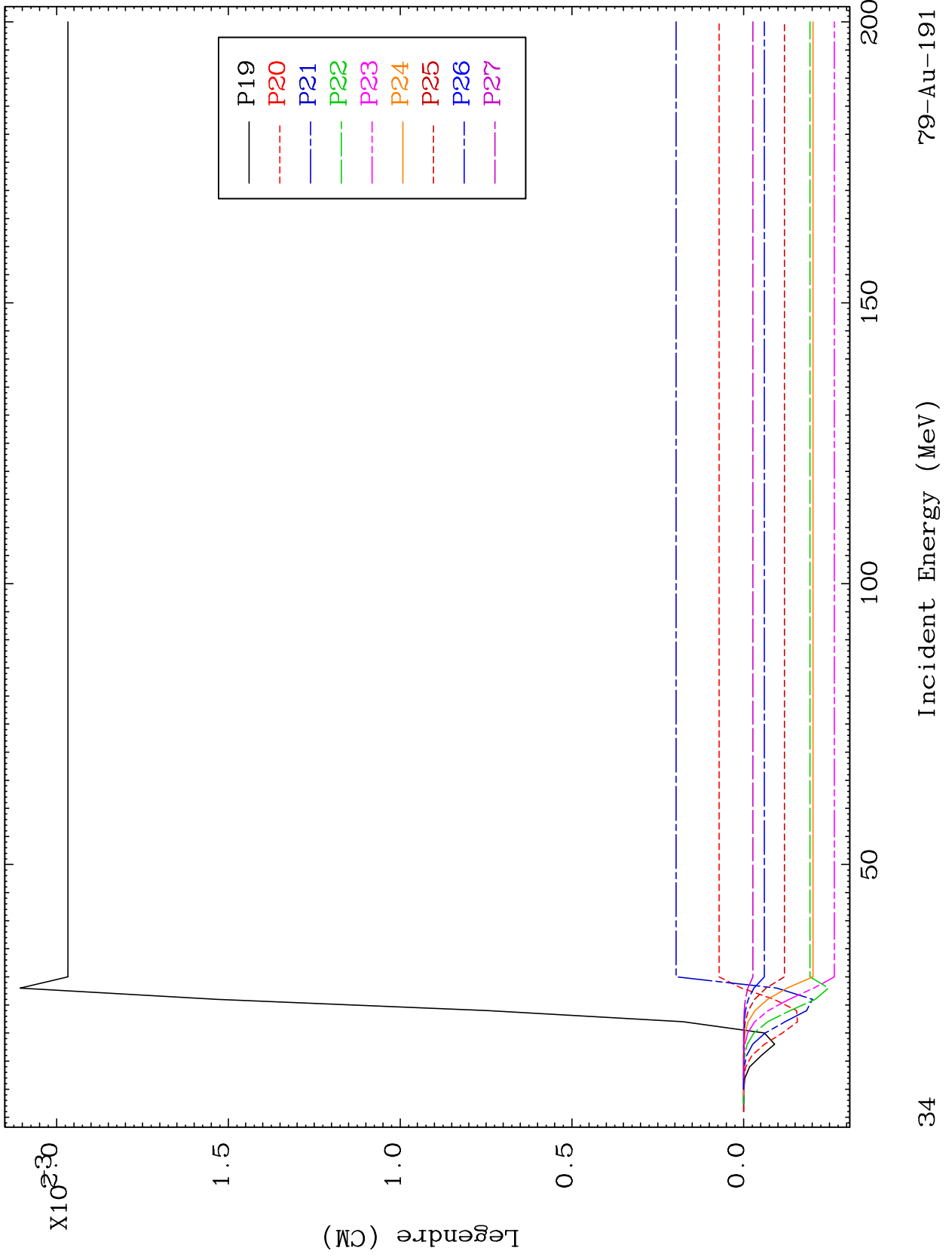
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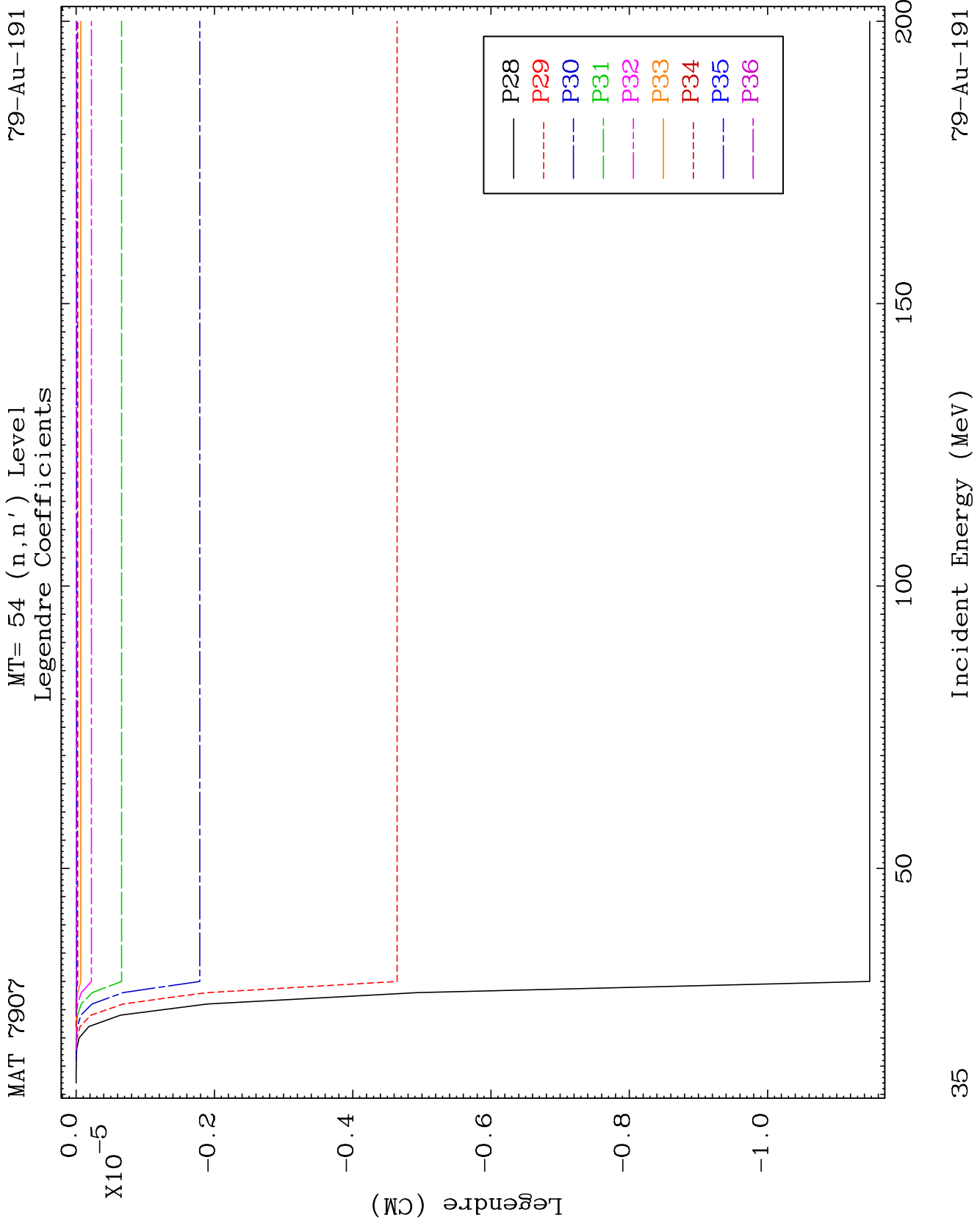


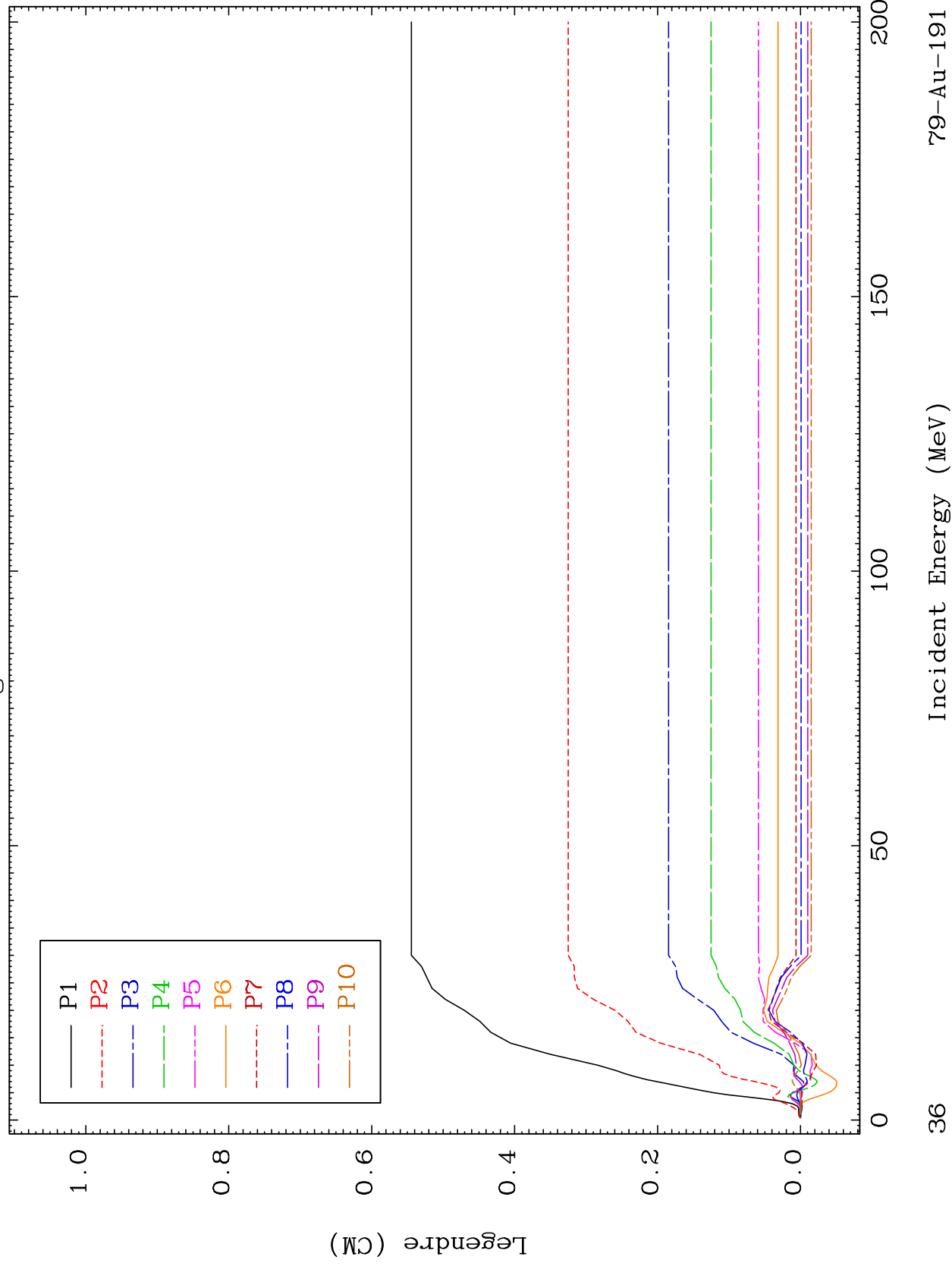
33

Incident Energy (MeV)

79-Au-191



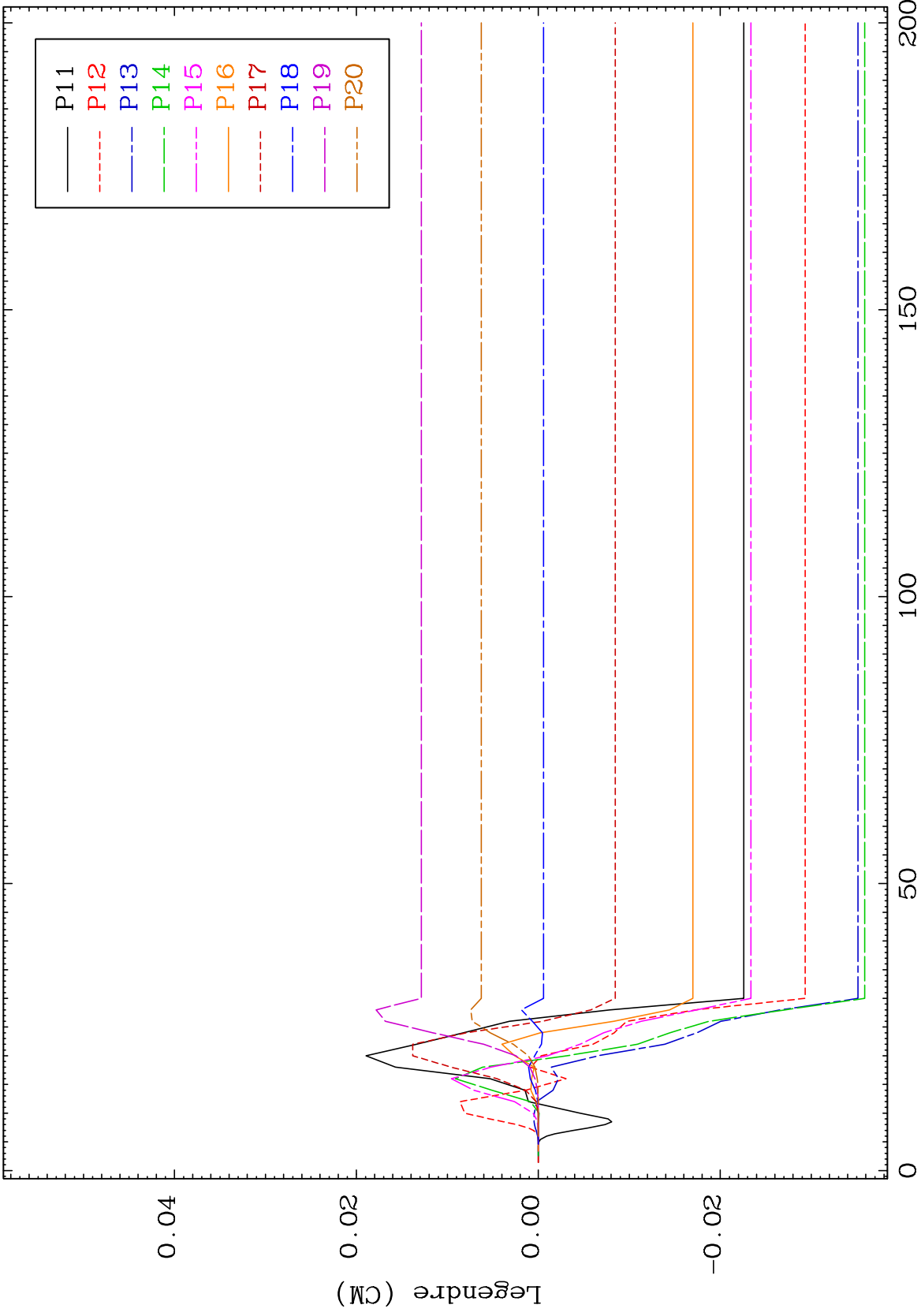




MAT 7907

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

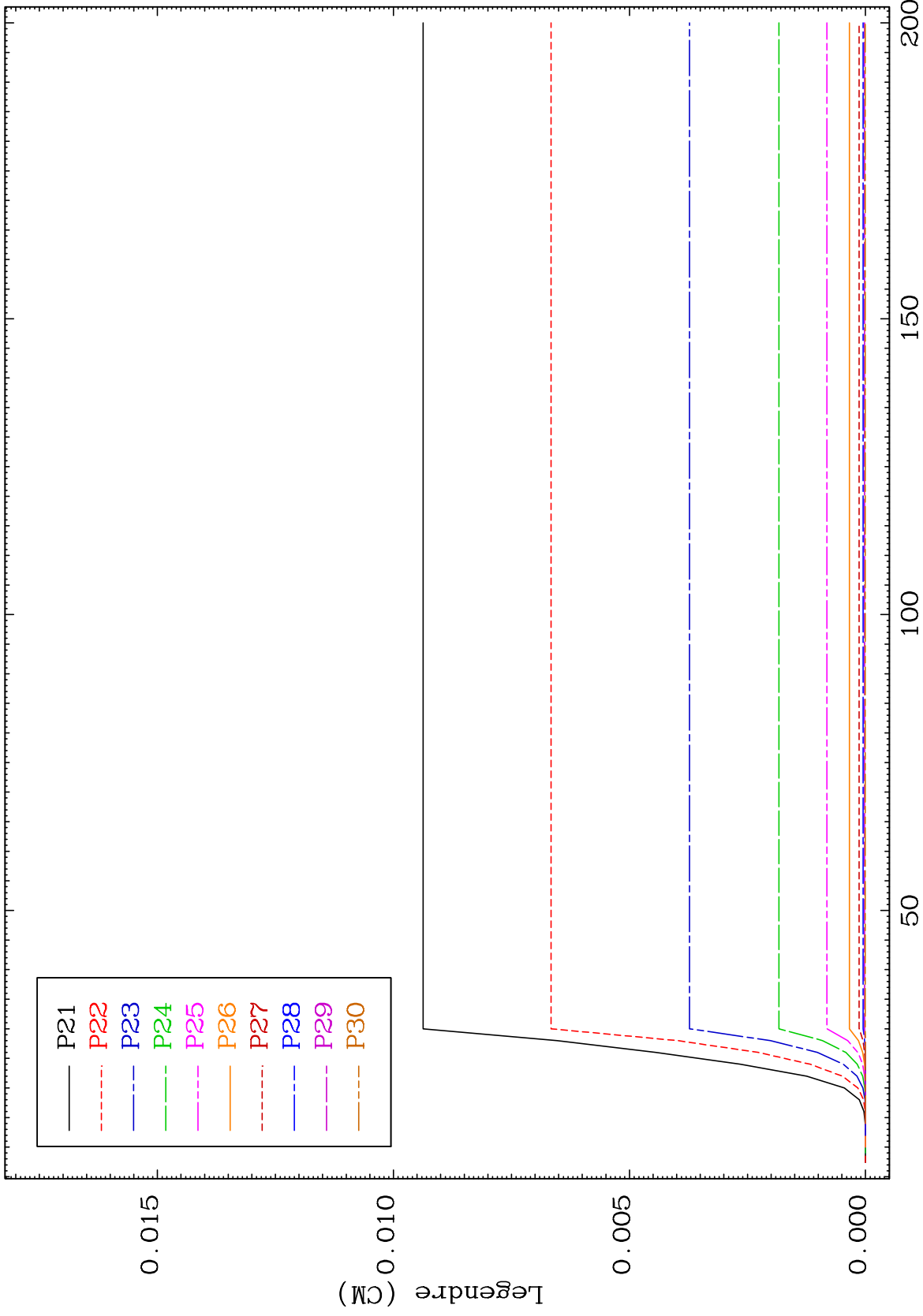
79-Au-191



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Incident Energy (MeV)

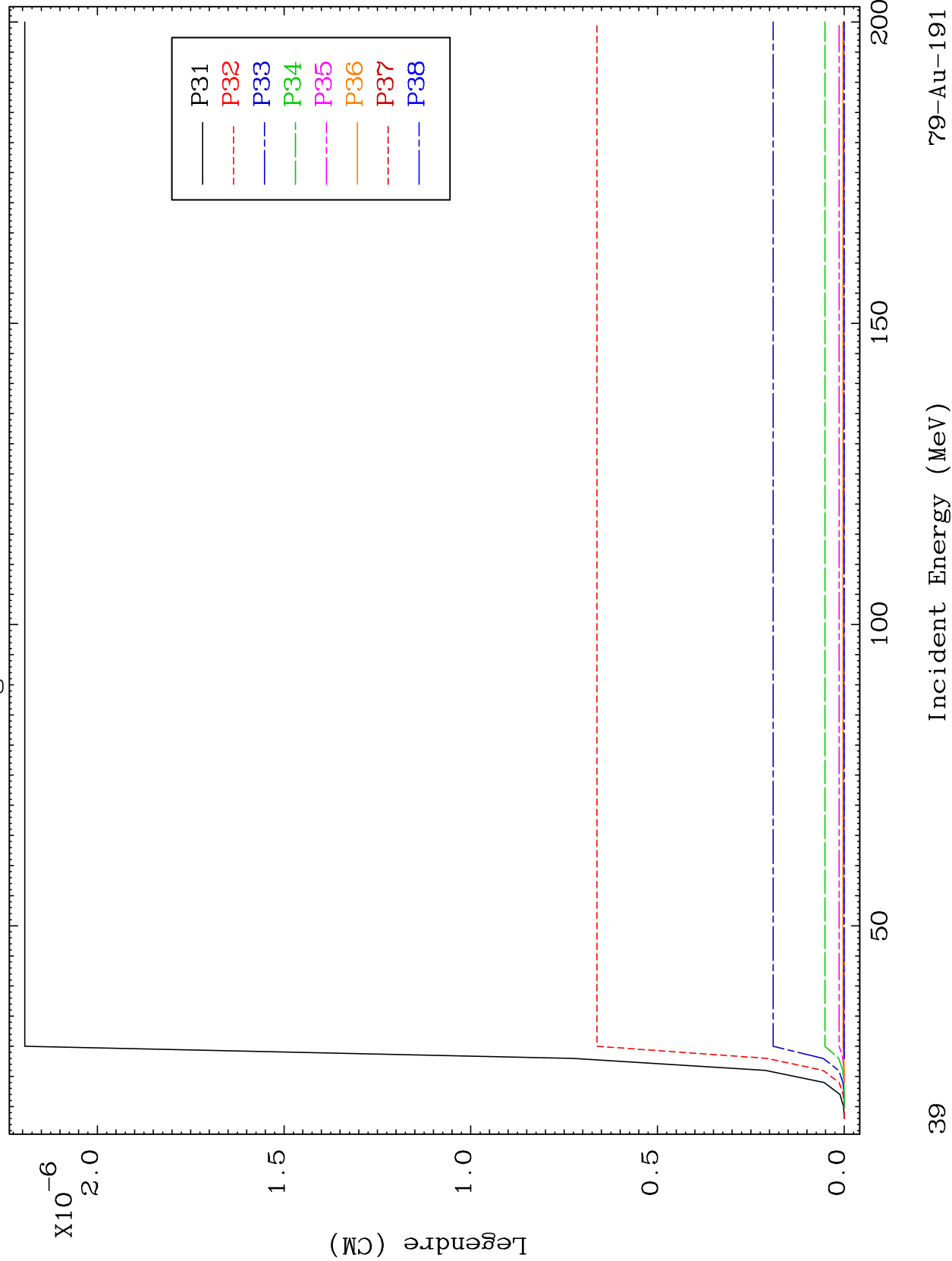
79-Au-191



MAT 7907

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

79-Au-191



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Incident Energy (MeV)

79-Au-191

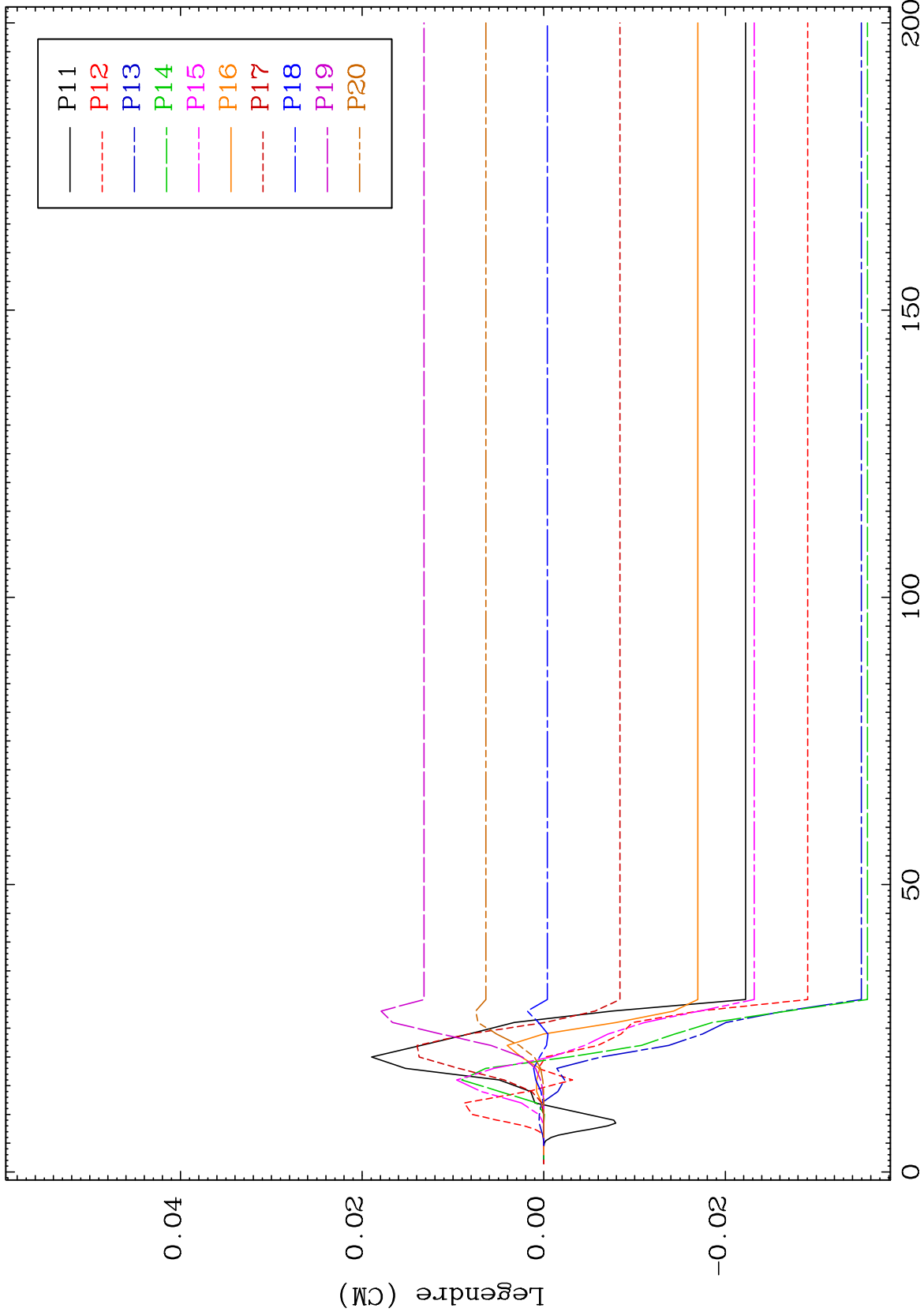




MAT 7907

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

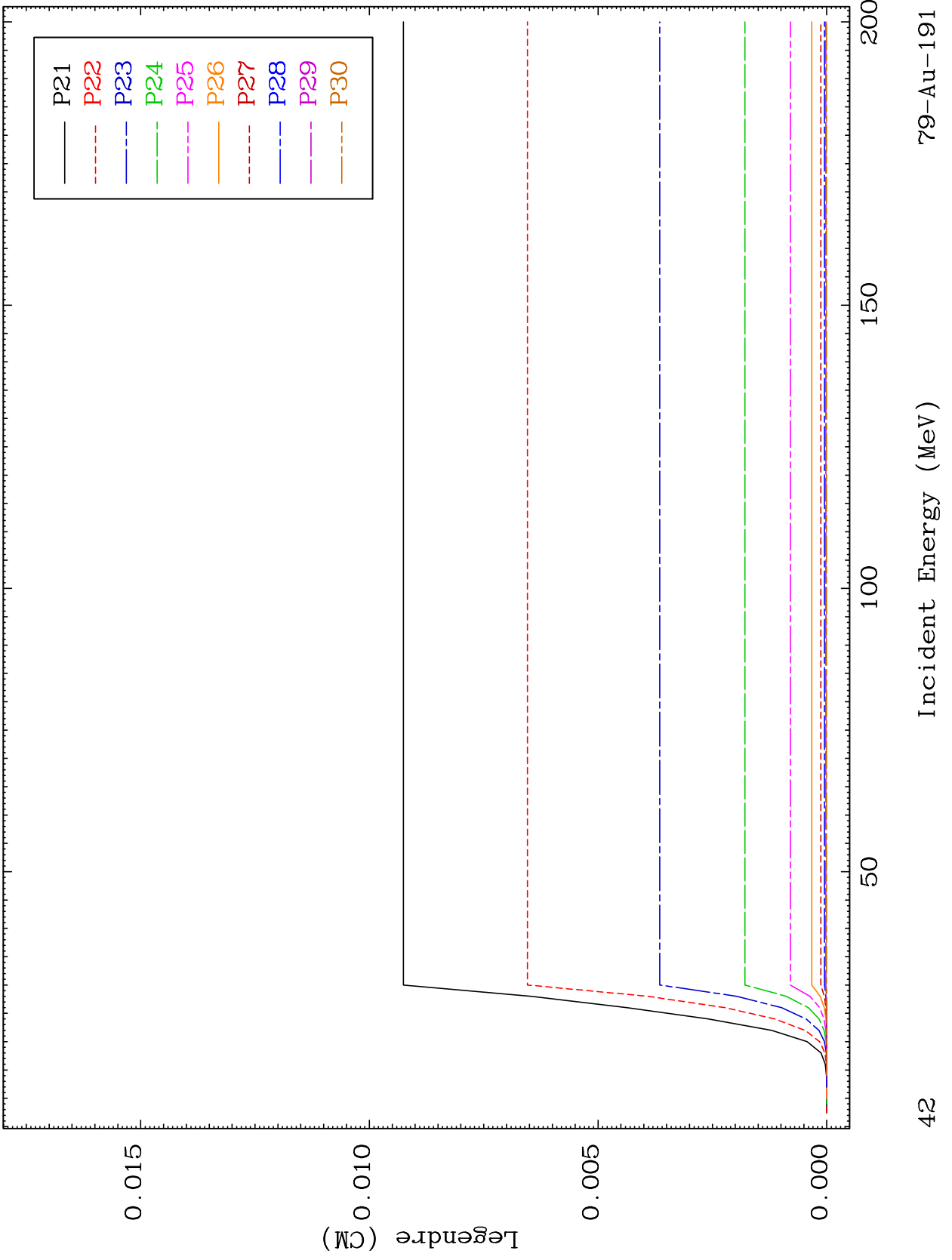
79-Au-191



MAT 7907

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

79-Au-191



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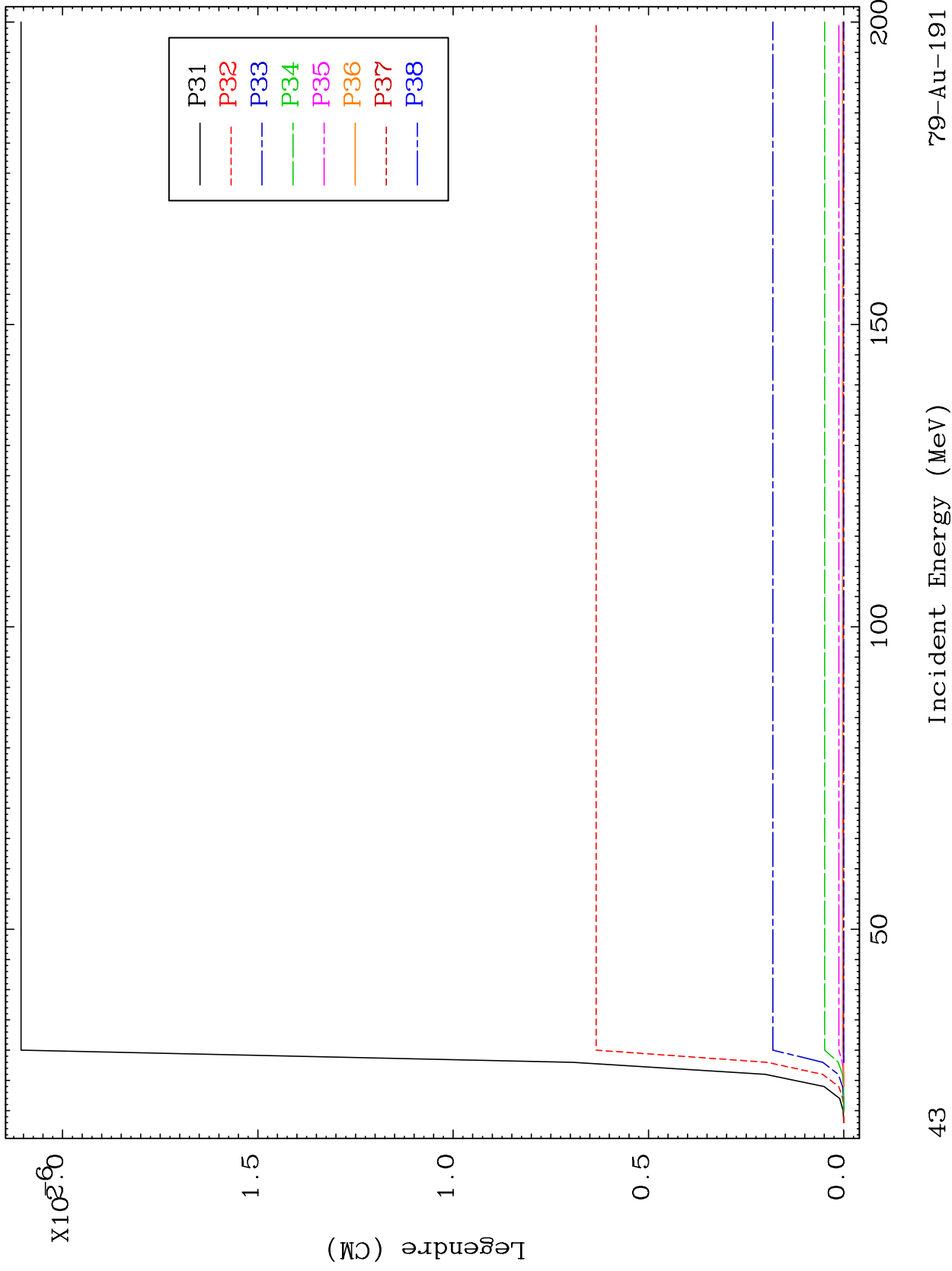
Incident Energy (MeV)

79-Au-191

MAT 7907

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

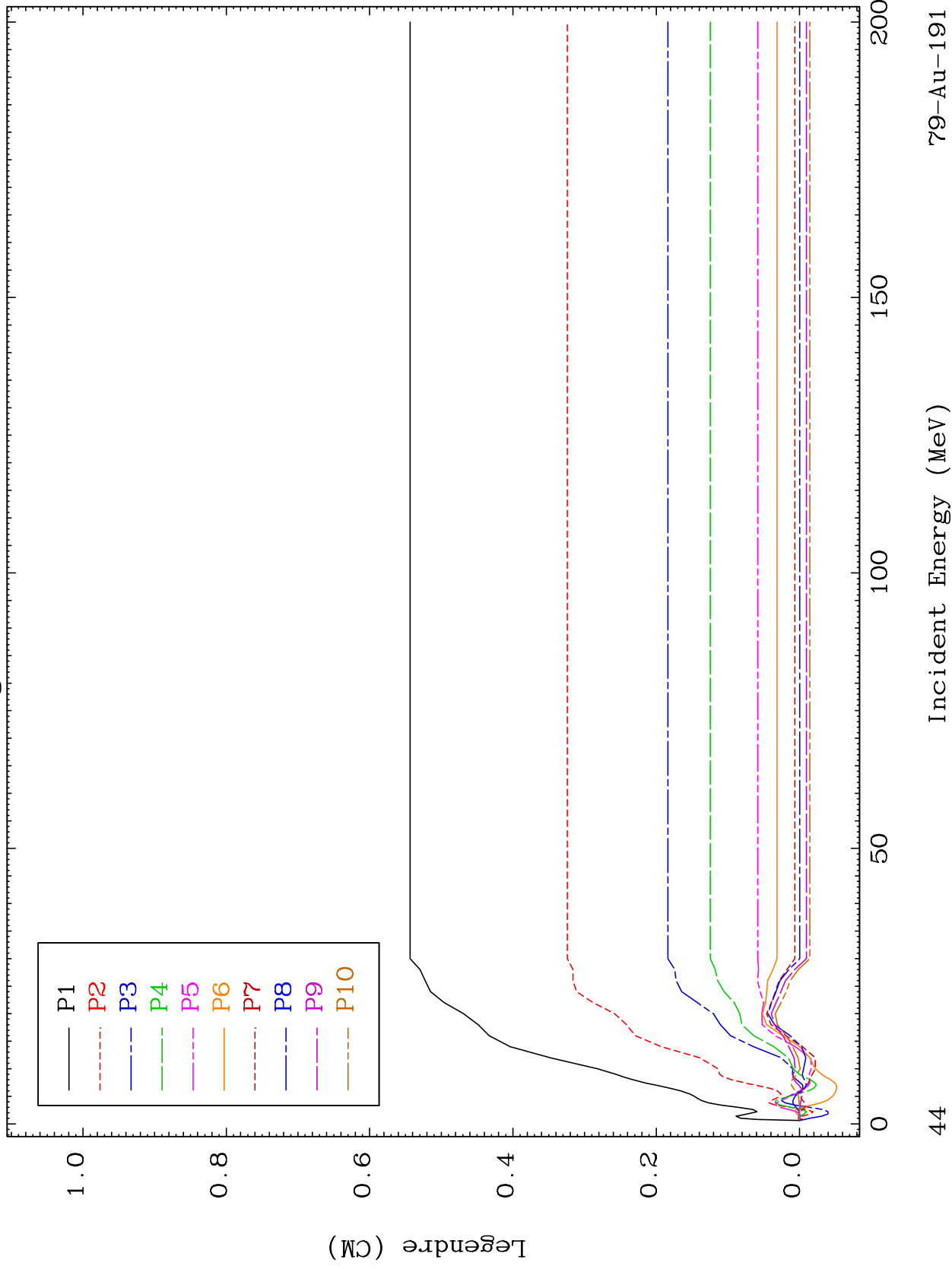
79-Au-191



MAT 7907

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

79-Au-191

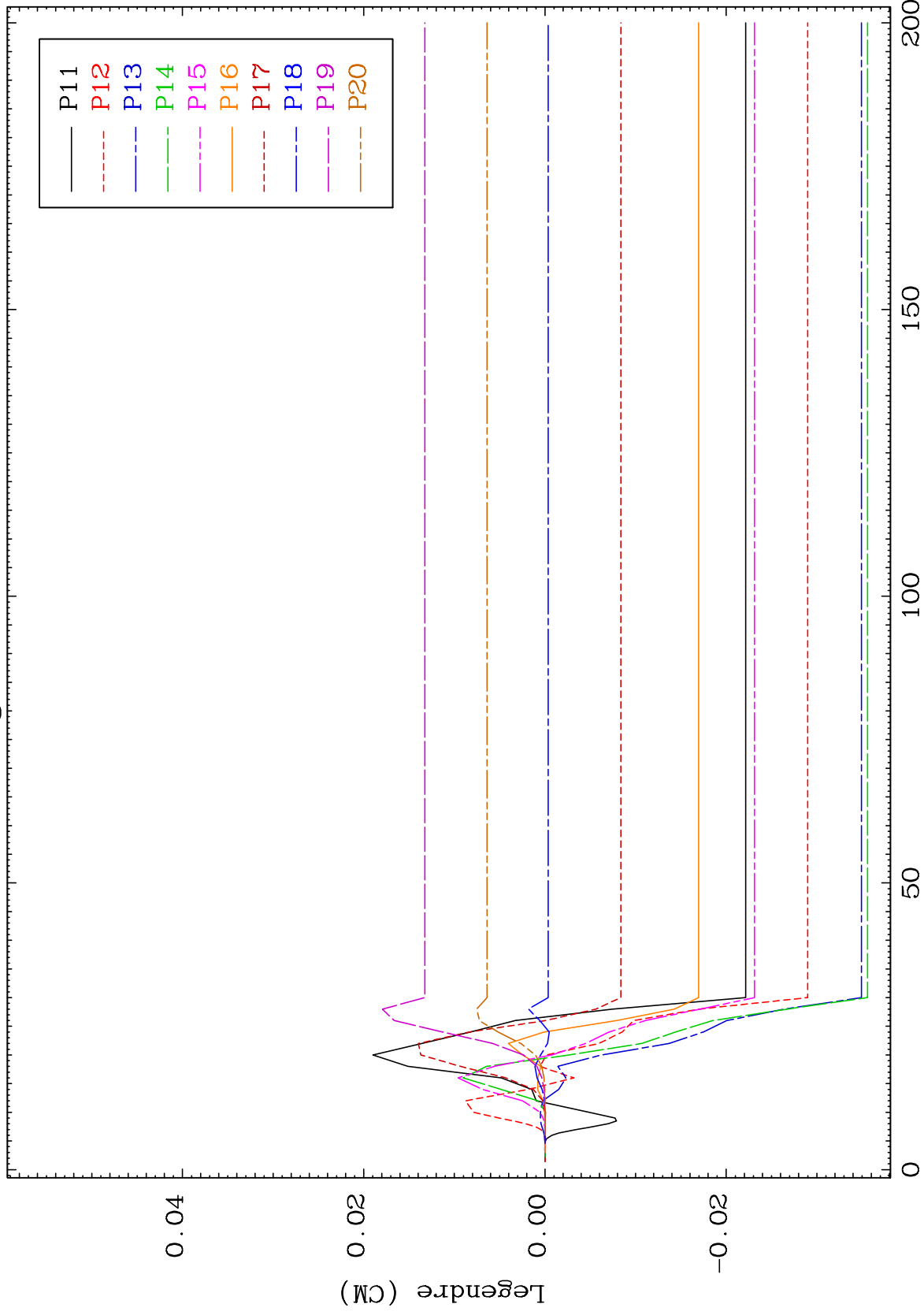


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MAT 7907

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

79-Au-191



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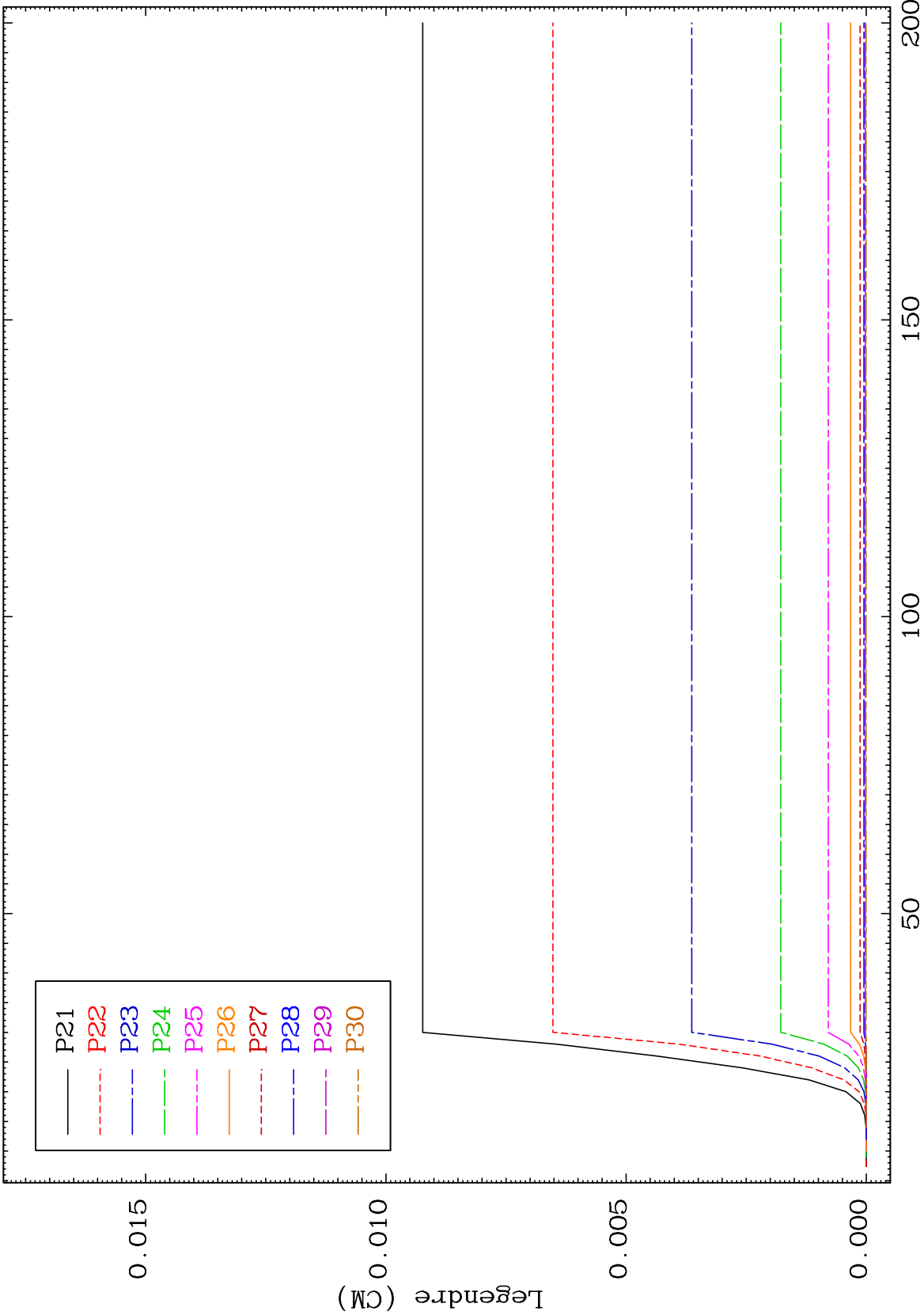
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



46

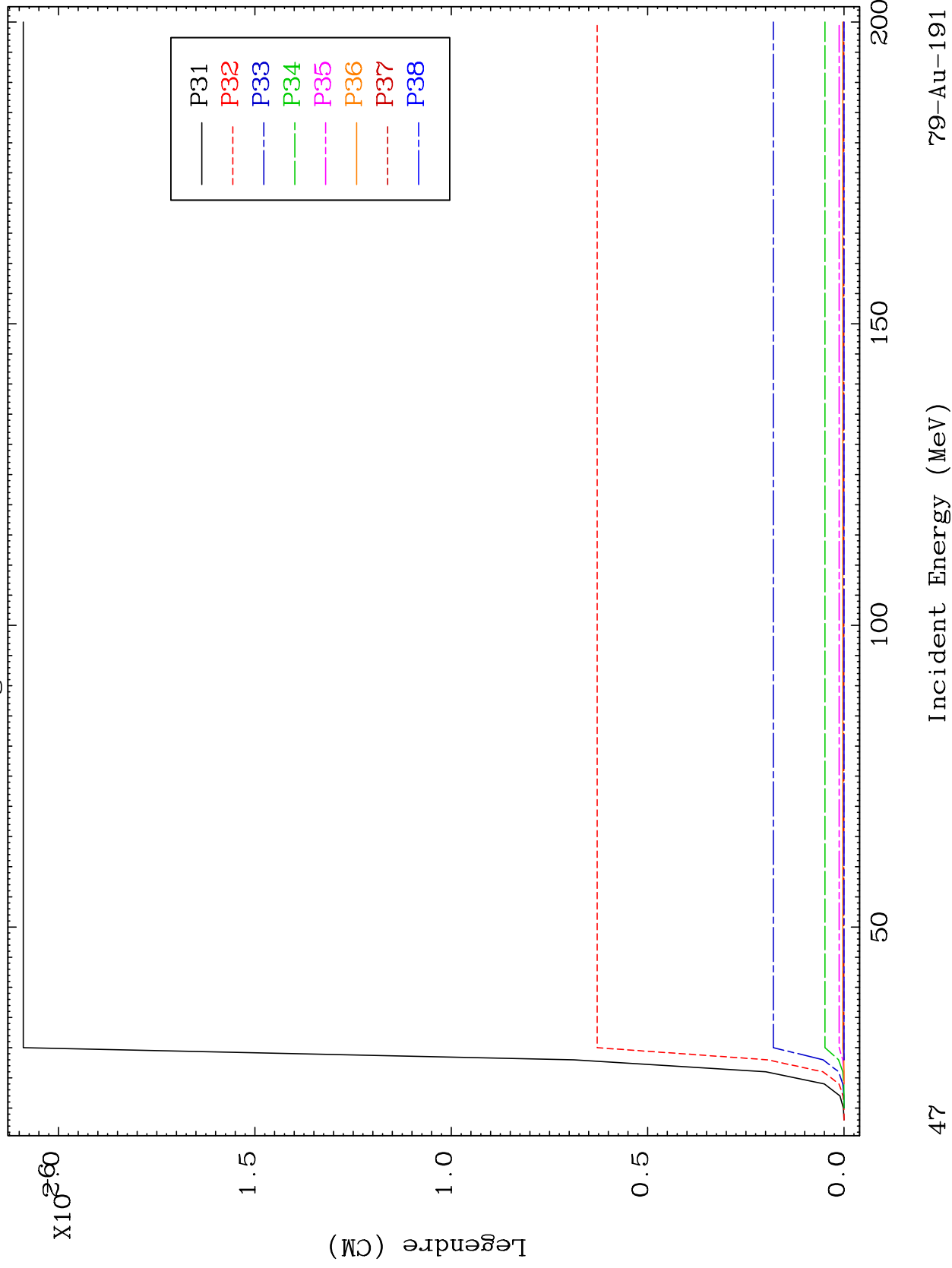
Incident Energy (MeV)

79-Au-191

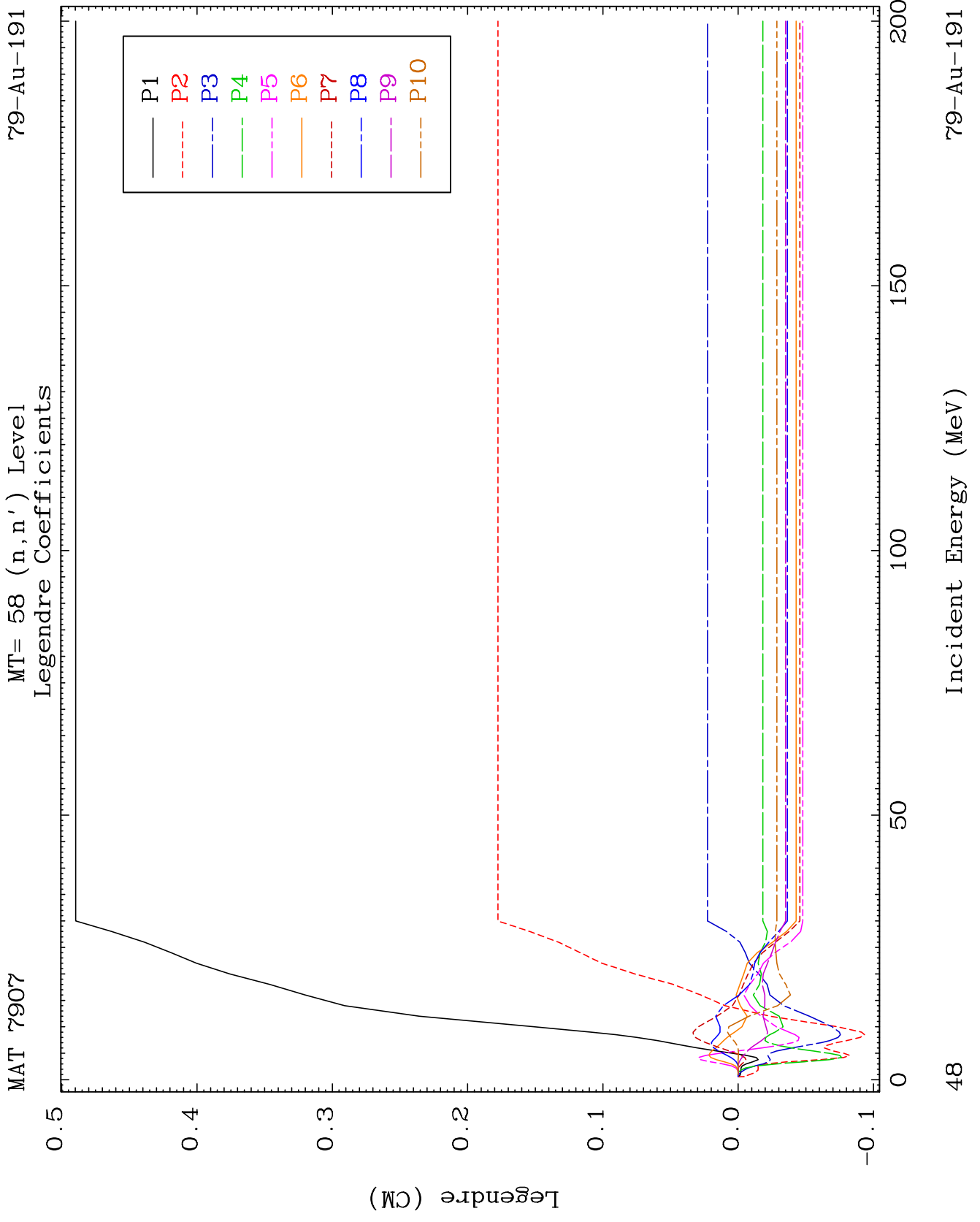
MAT 7907

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

79-Au-191



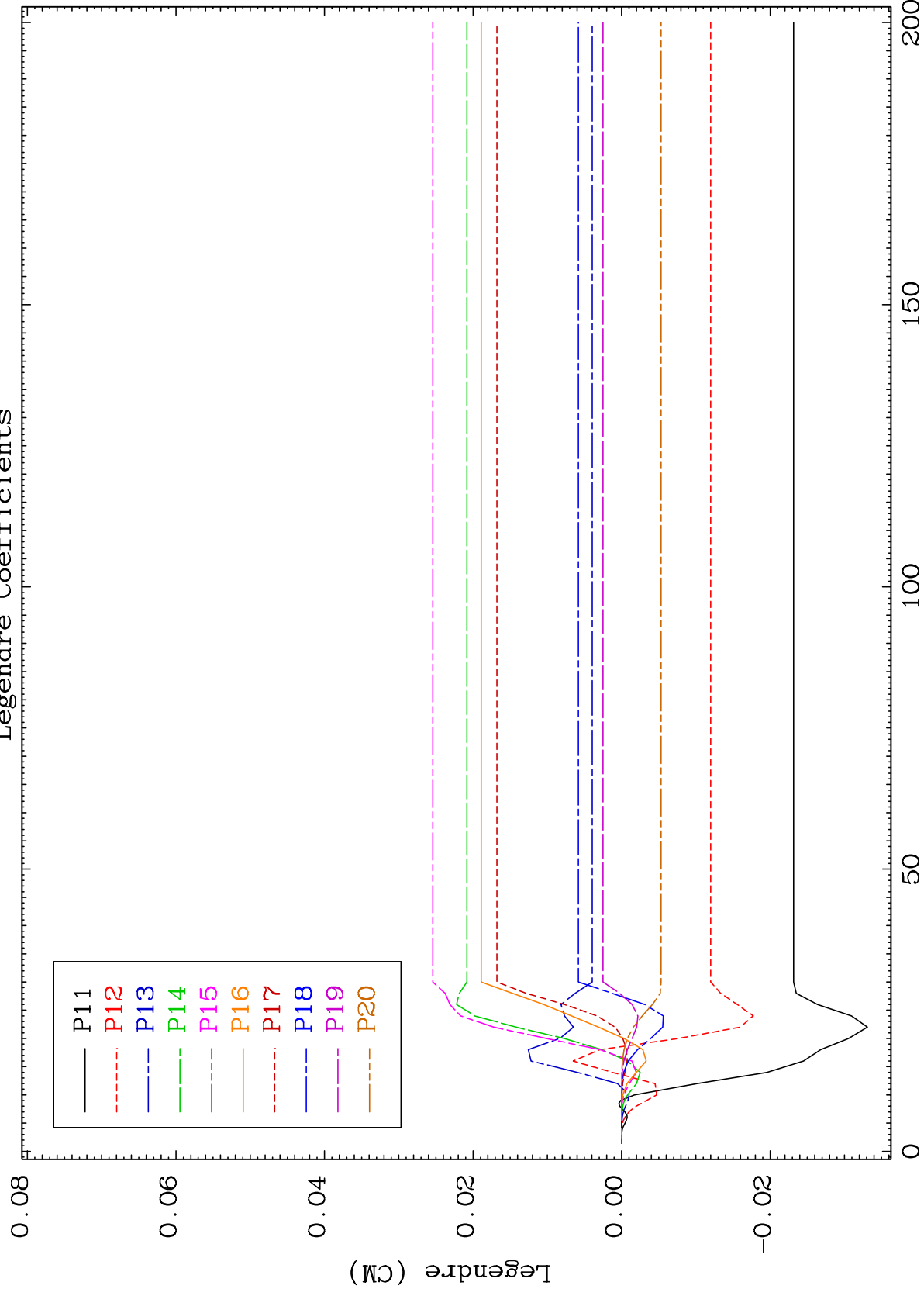




MAT 7907

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

79-Au-191



49

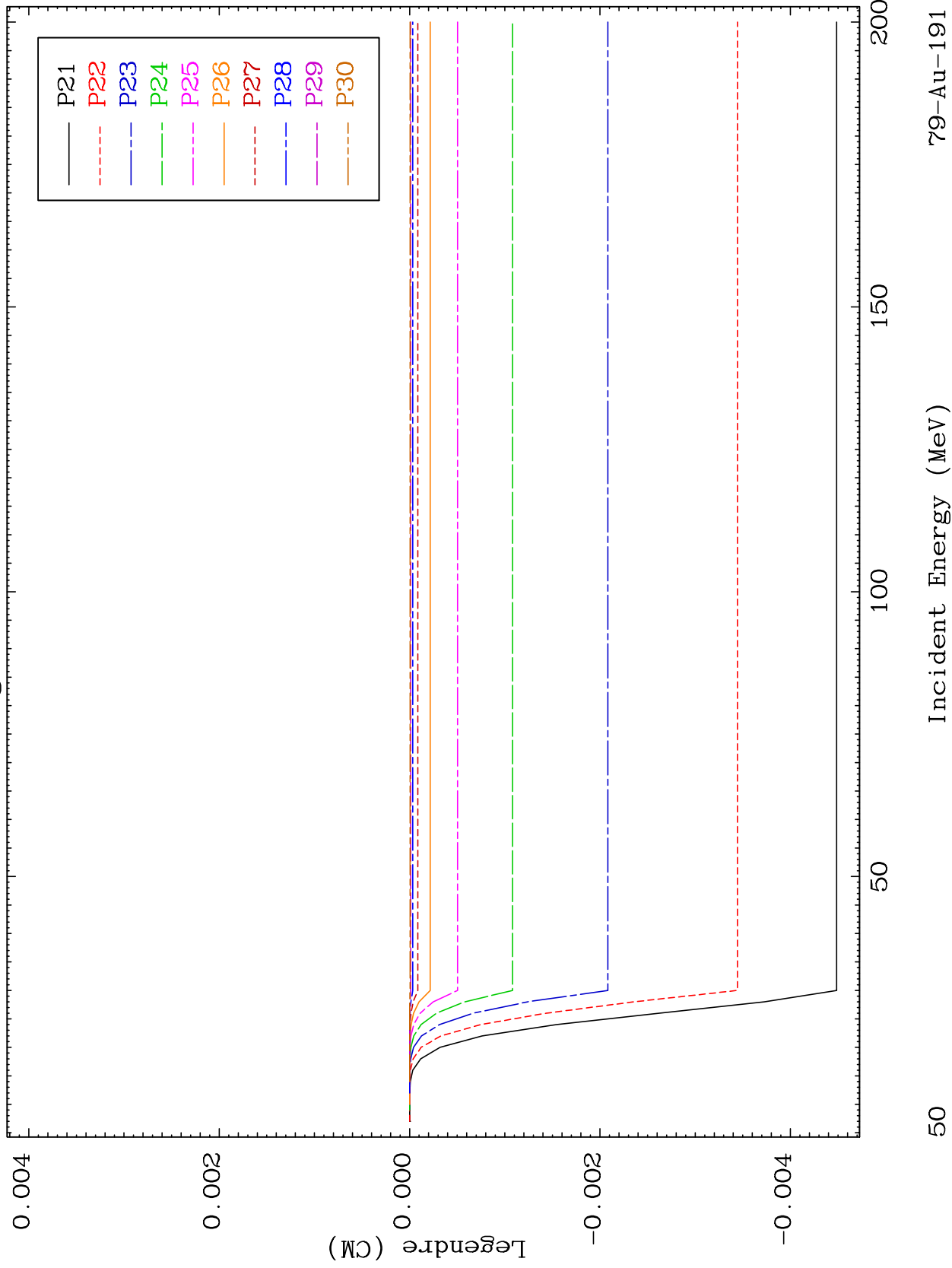
Incident Energy (MeV)

79-Au-191

MAT 7907

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

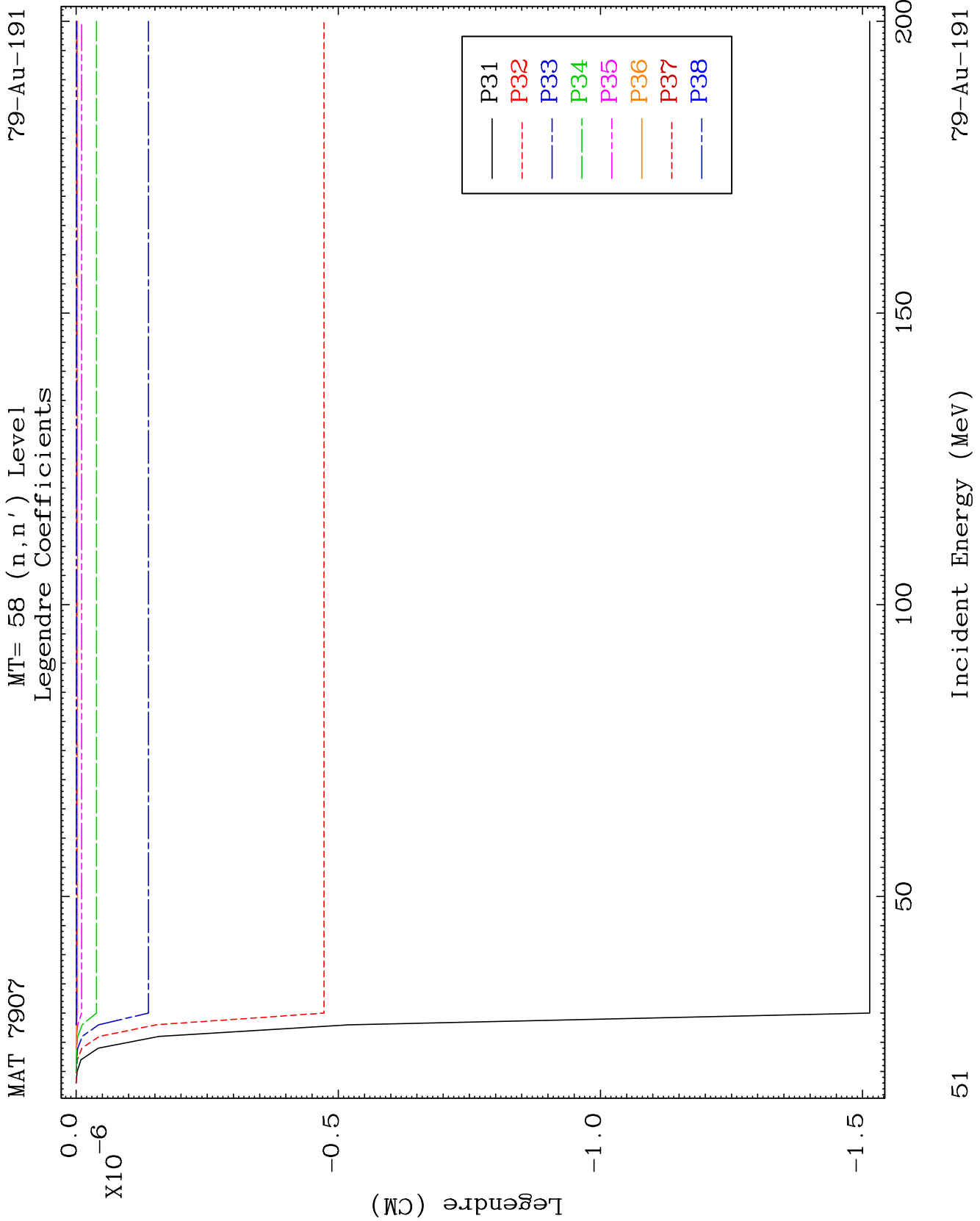
79-Au-191



79-Au-191

Incident Energy (MeV)

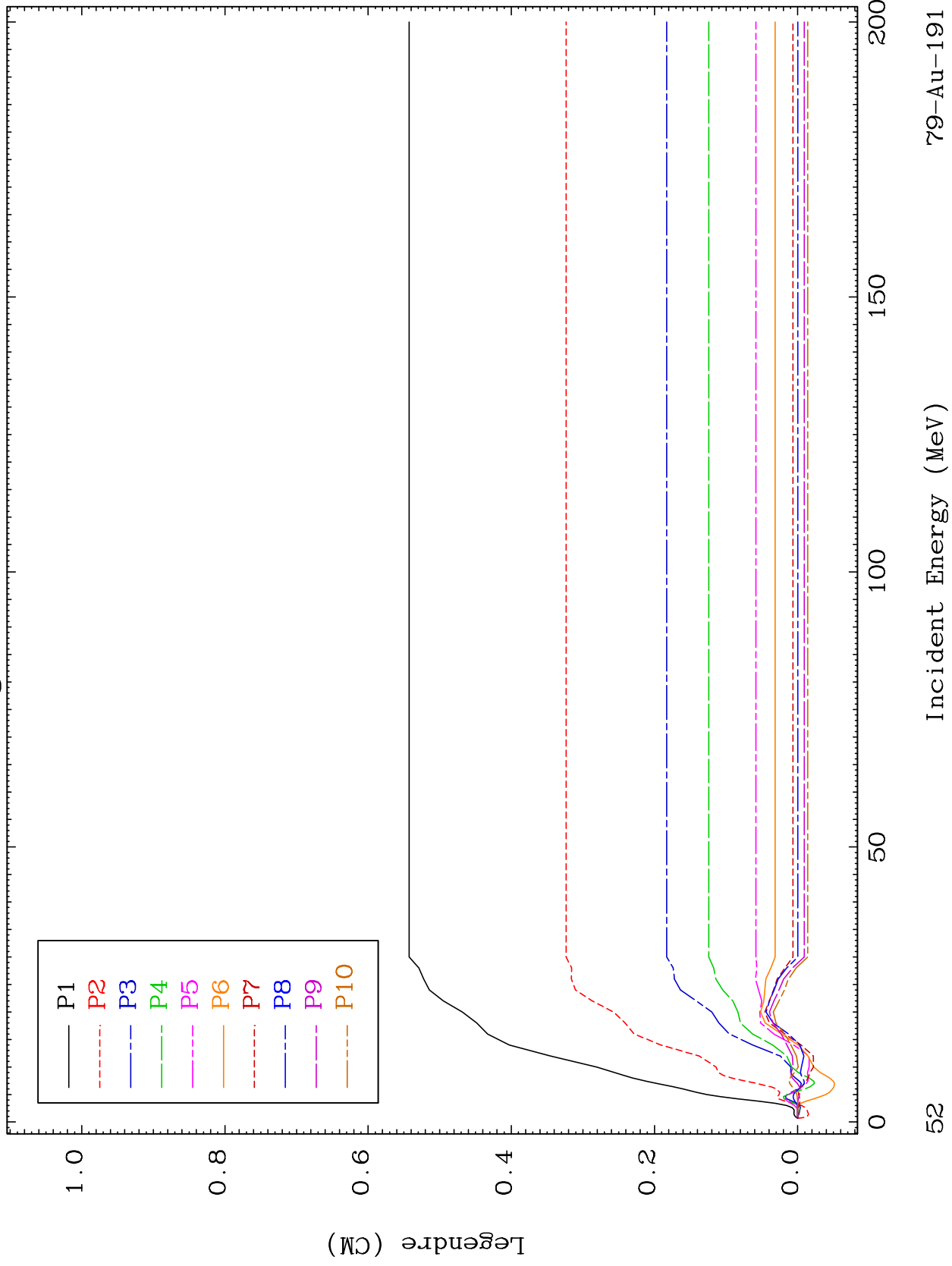
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MAT 7907

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

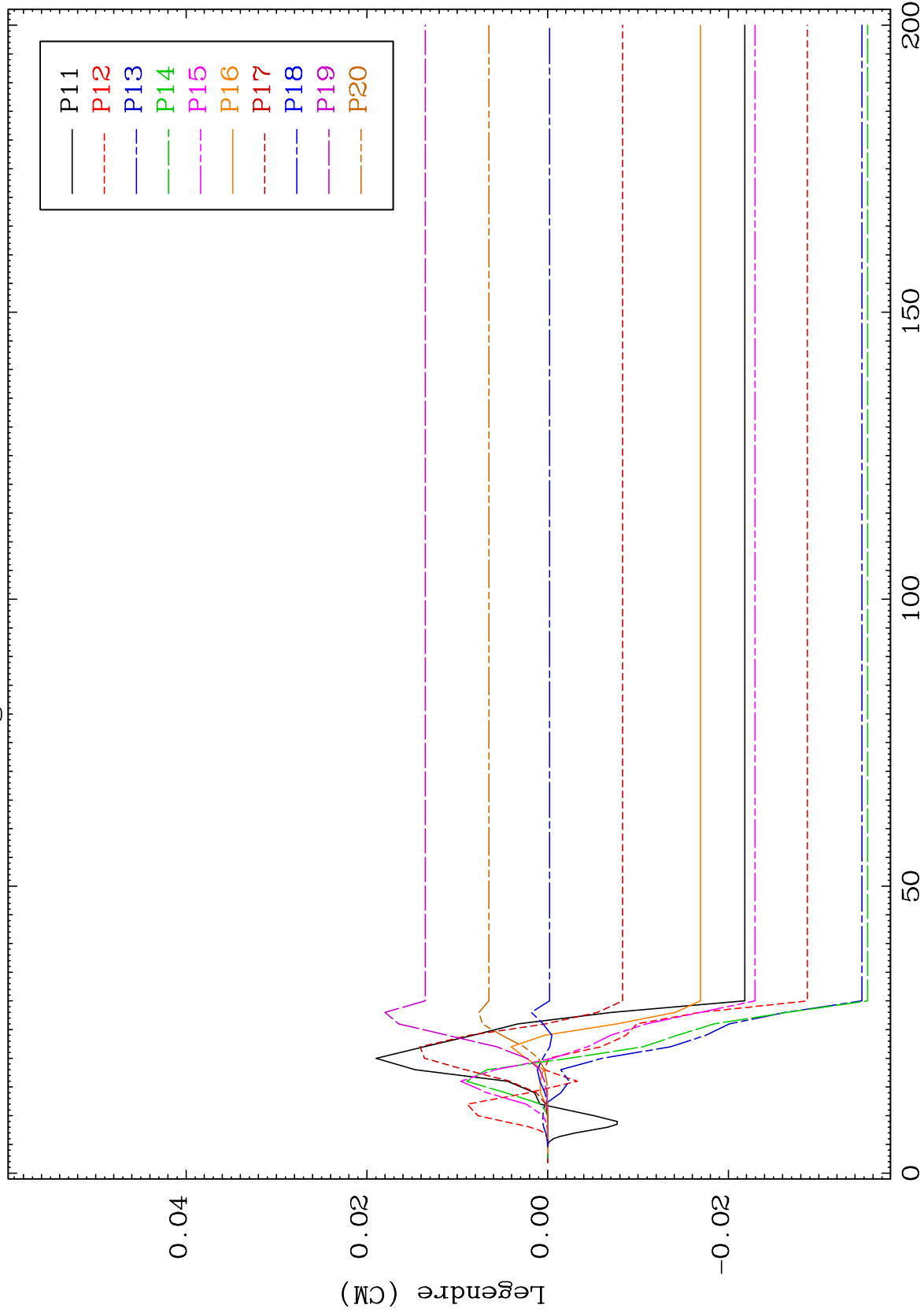
79-Au-191



MAT 7907

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

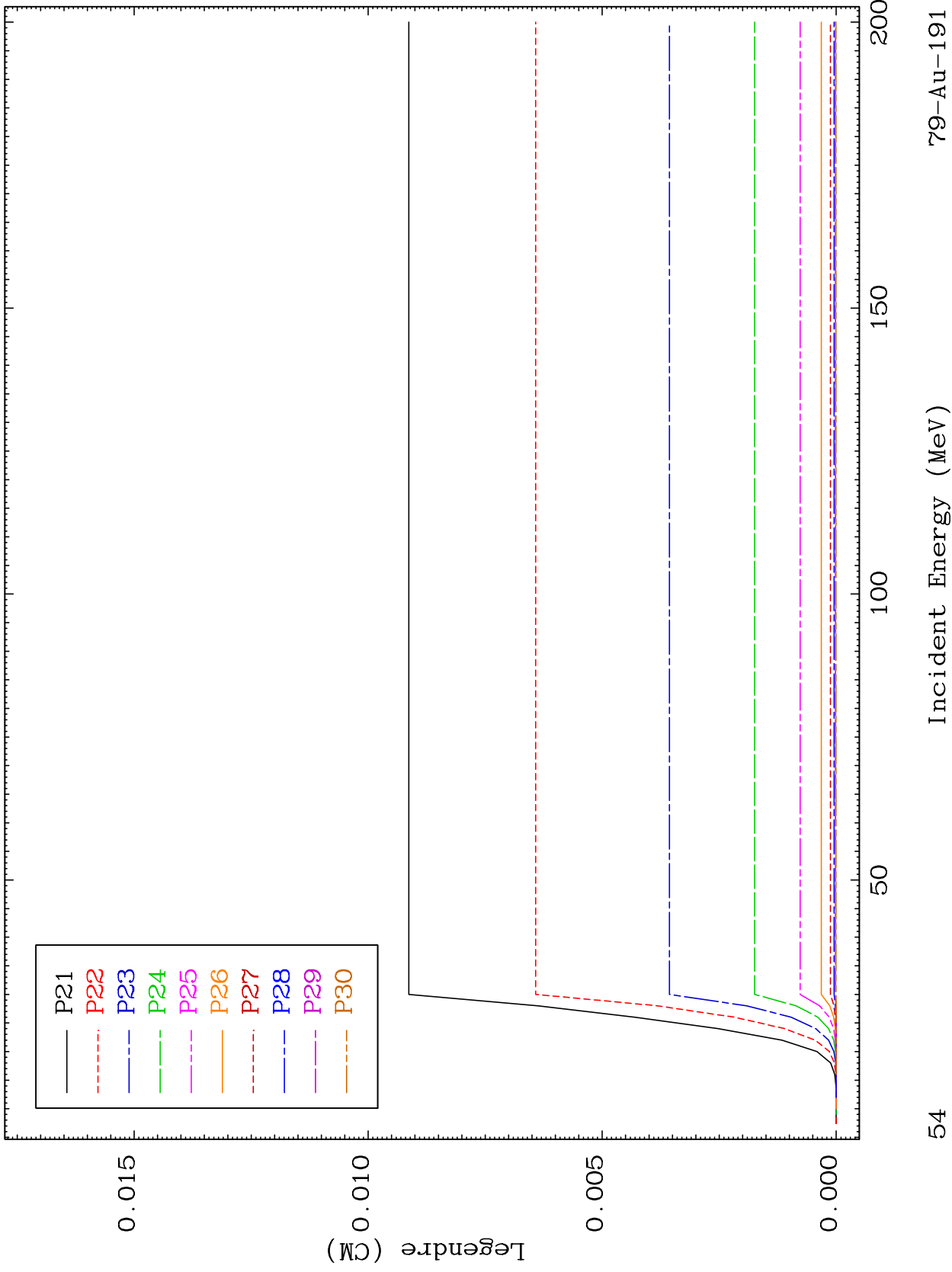
79-Au-191



53

Incident Energy (MeV)

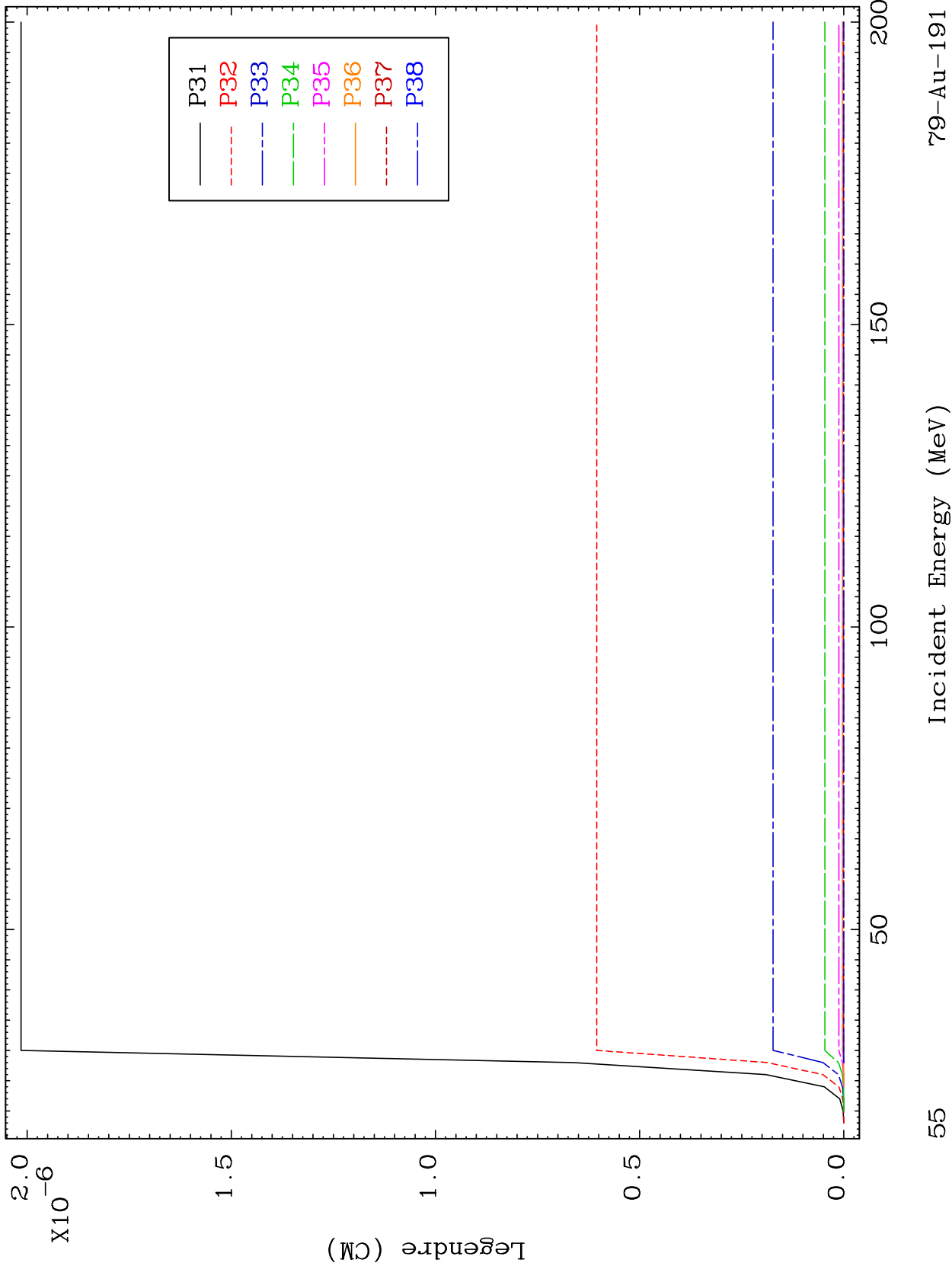
79-Au-191



MAT 7907

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

79-Au-191



79-Au-191

Incident Energy (MeV)

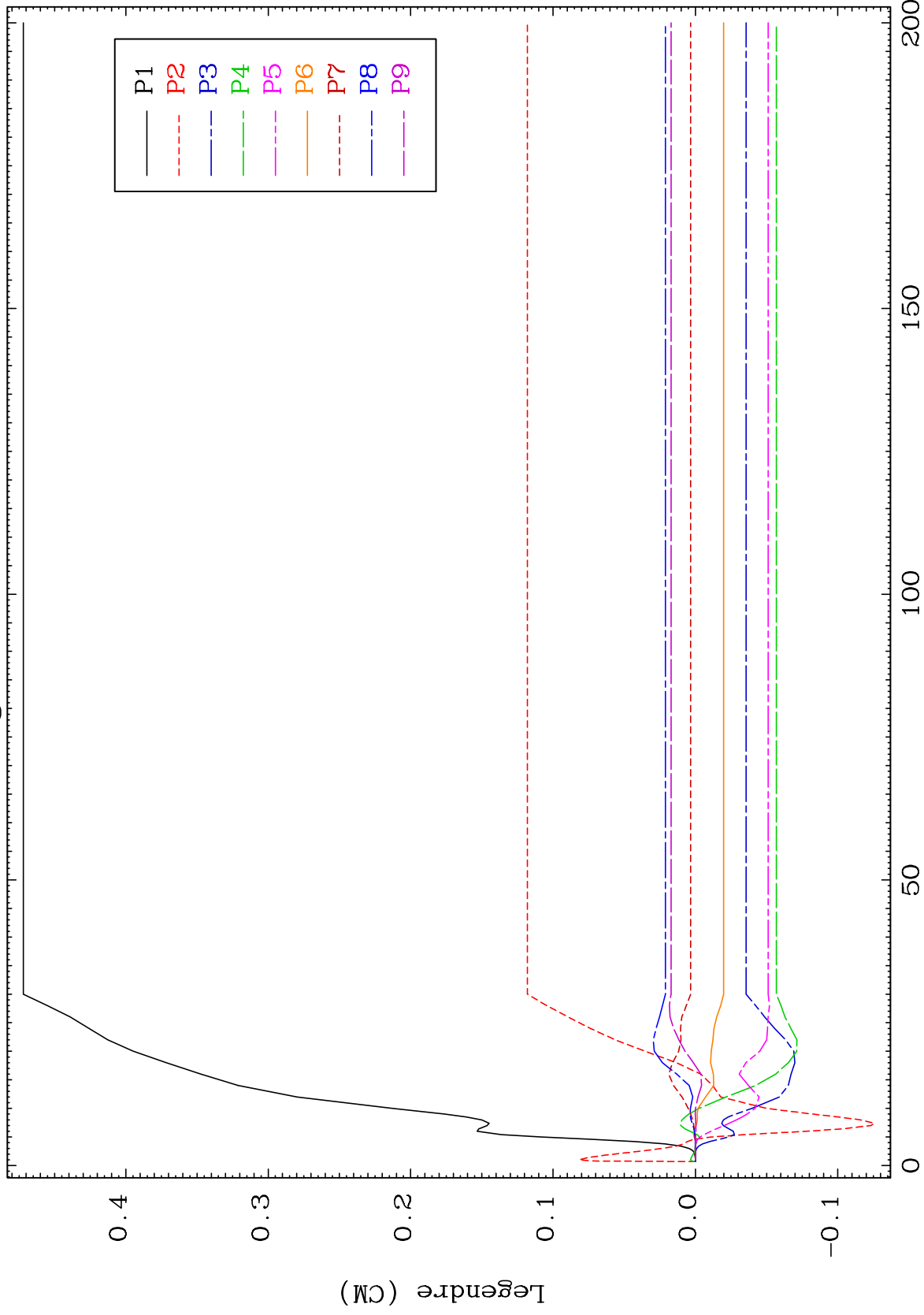
55



MAT 7907

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

79-Au-191



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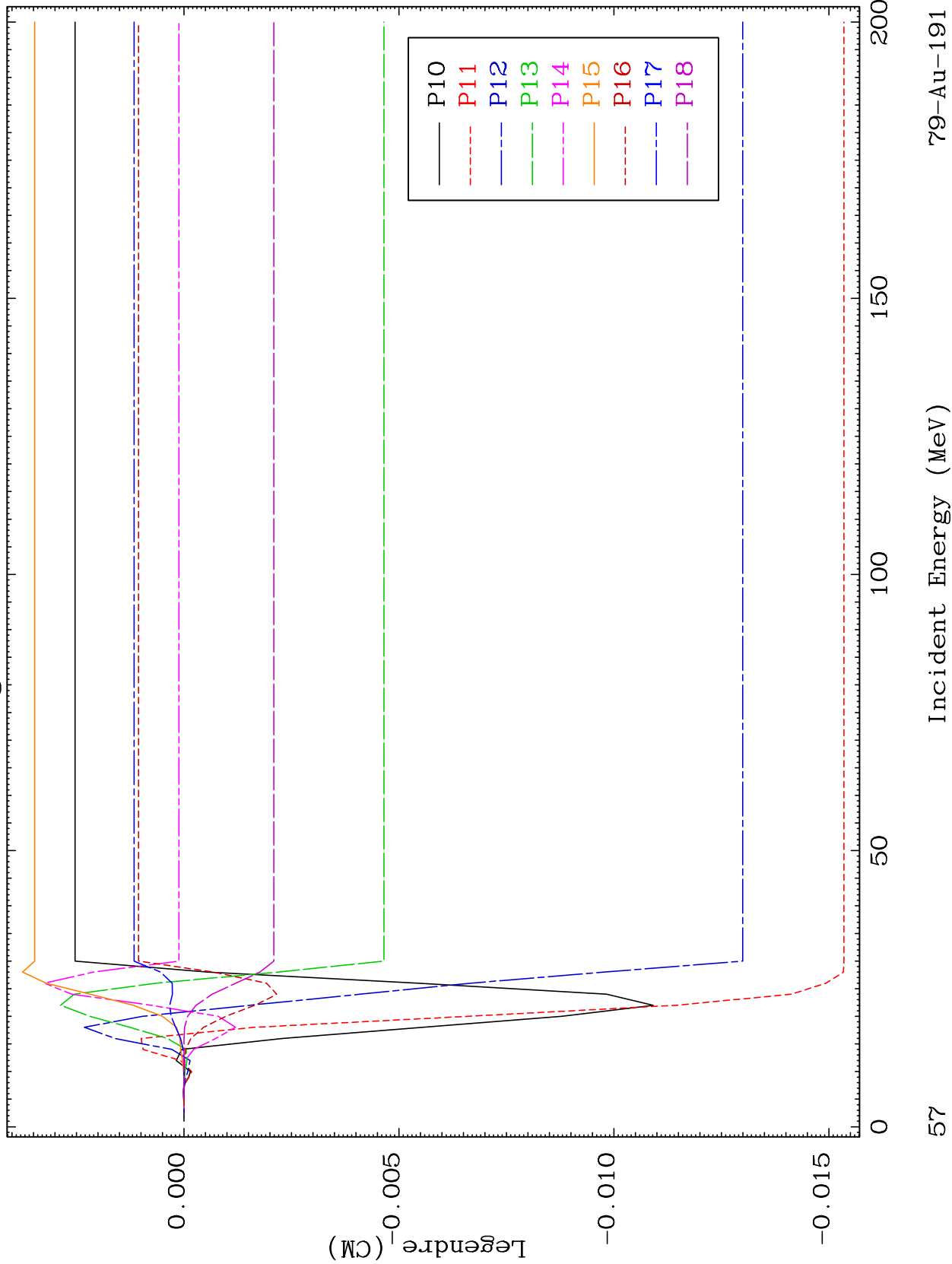
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



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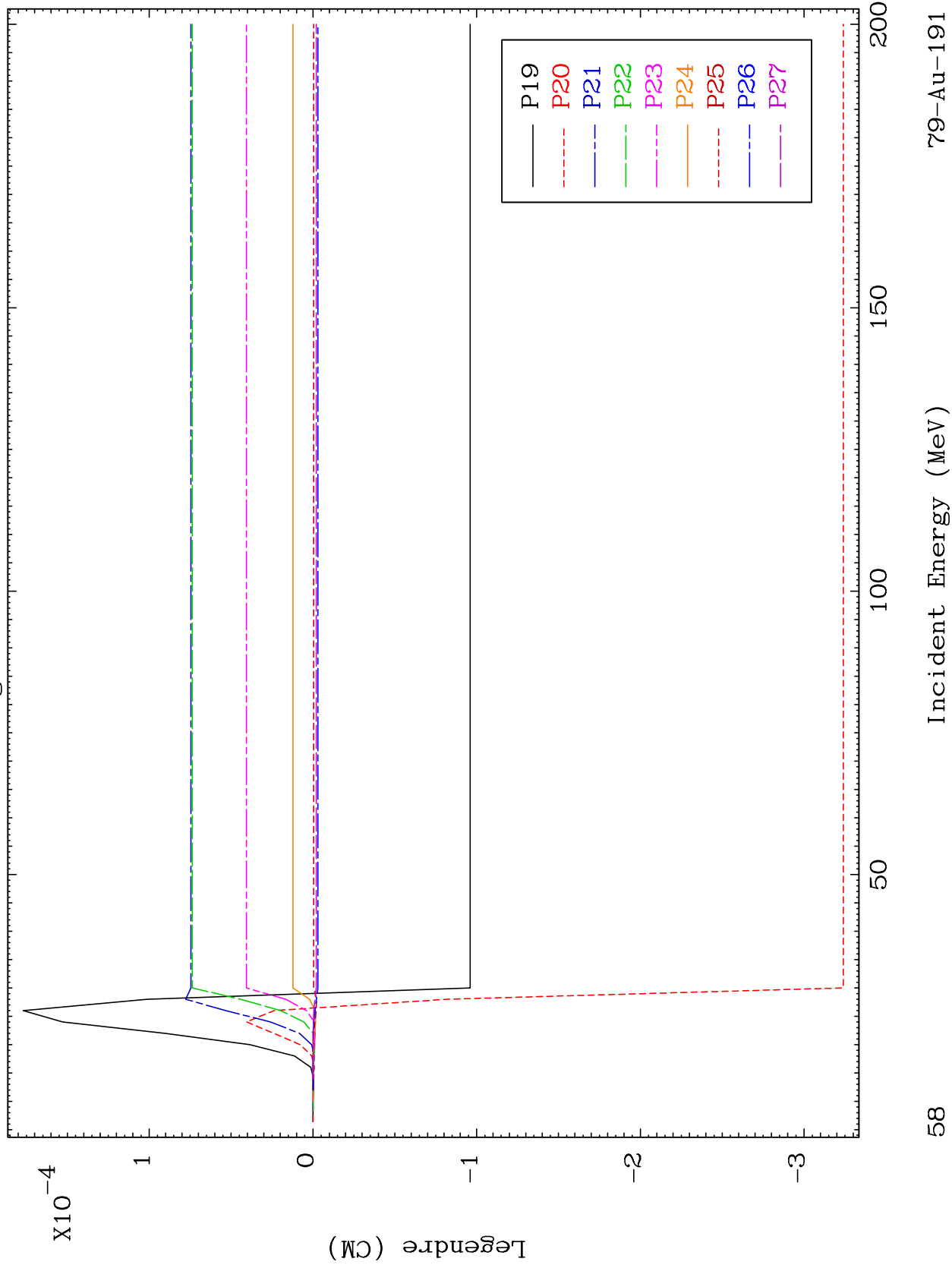
Incident Energy (MeV)

79-Au-191

MAT 7907

79-Au-191

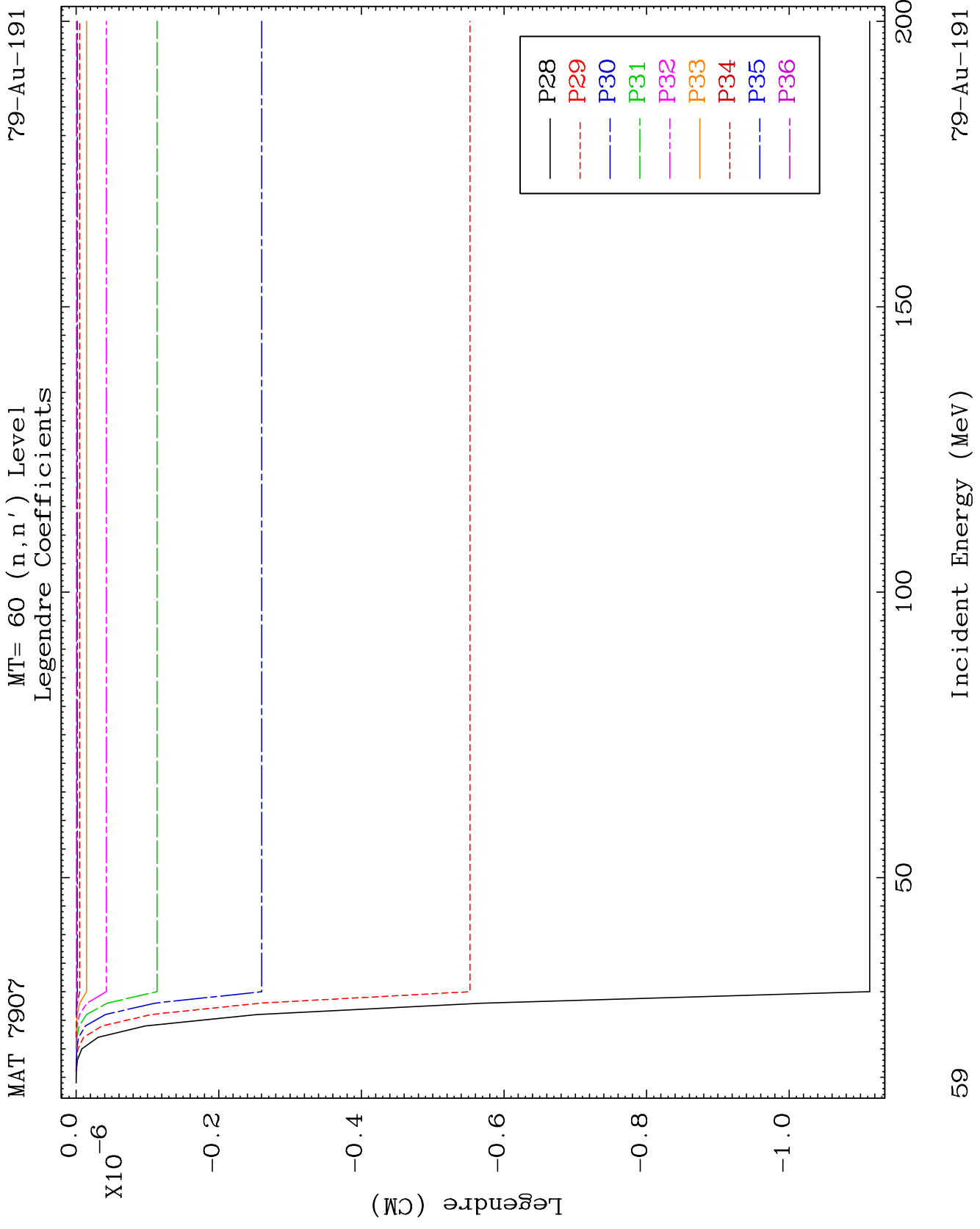
MT= 60 (n,n') Level  
Legendre Coefficients

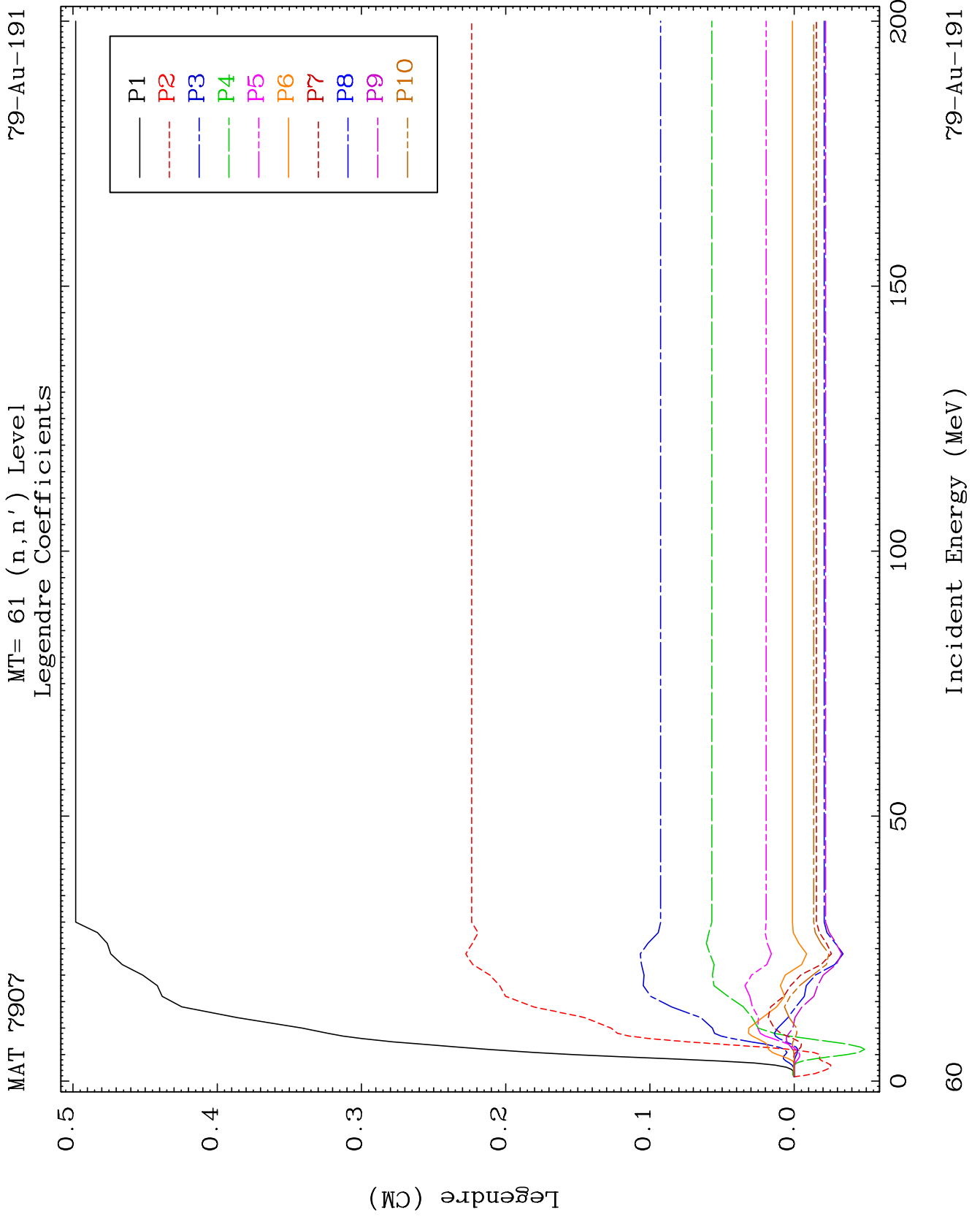


58

Incident Energy (MeV)

79-Au-191

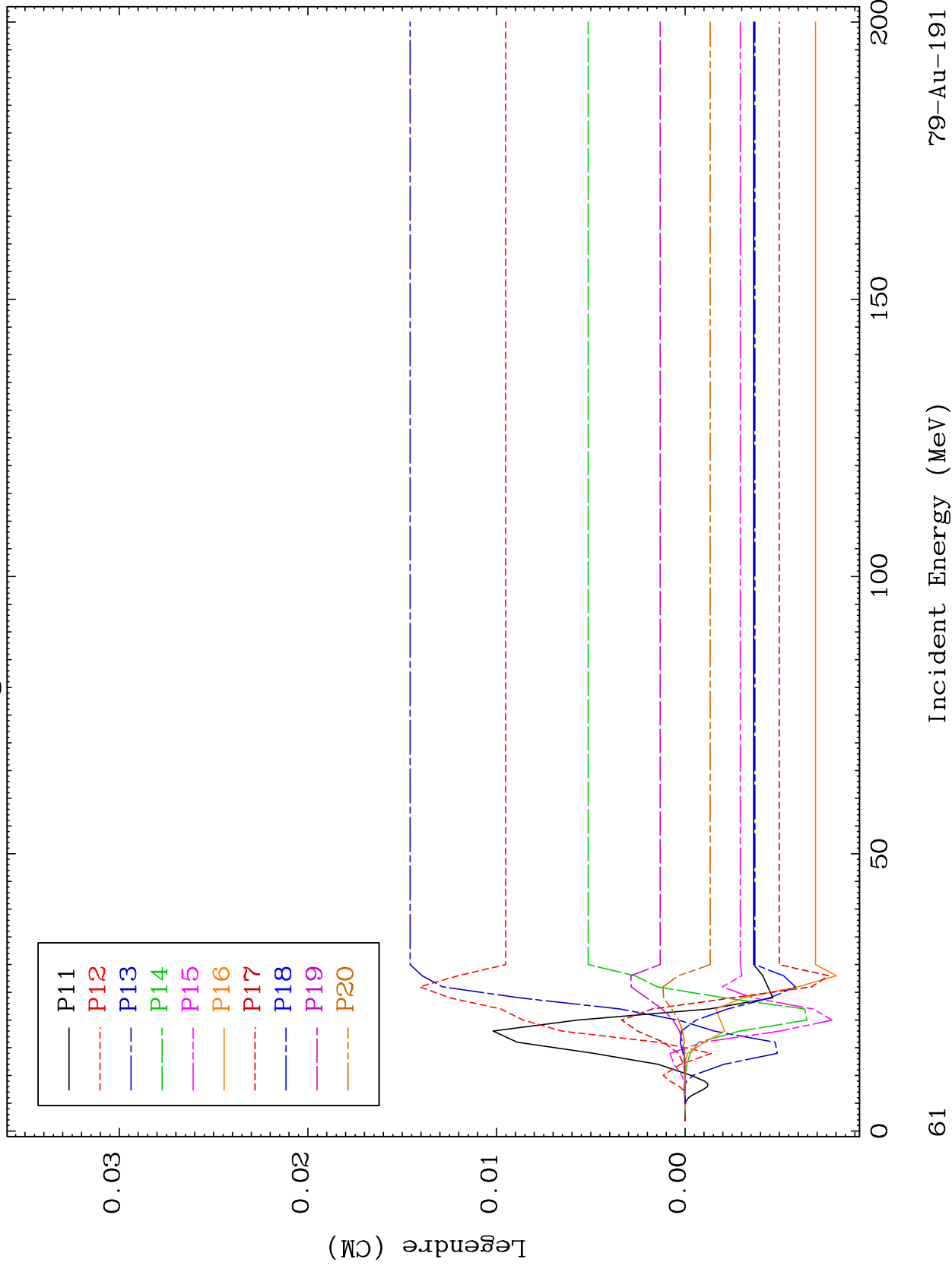


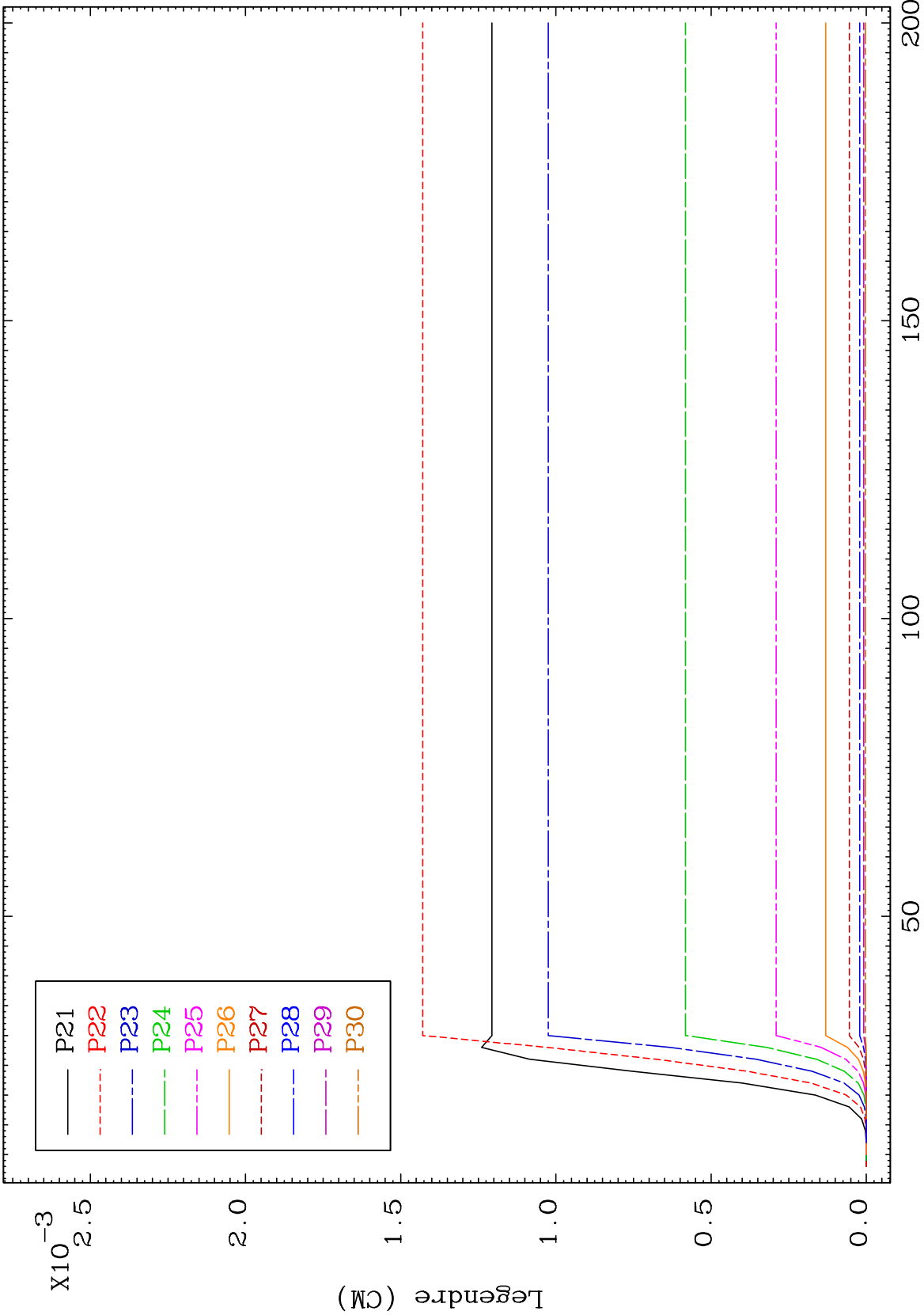


MAT 7907

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

79-Au-191

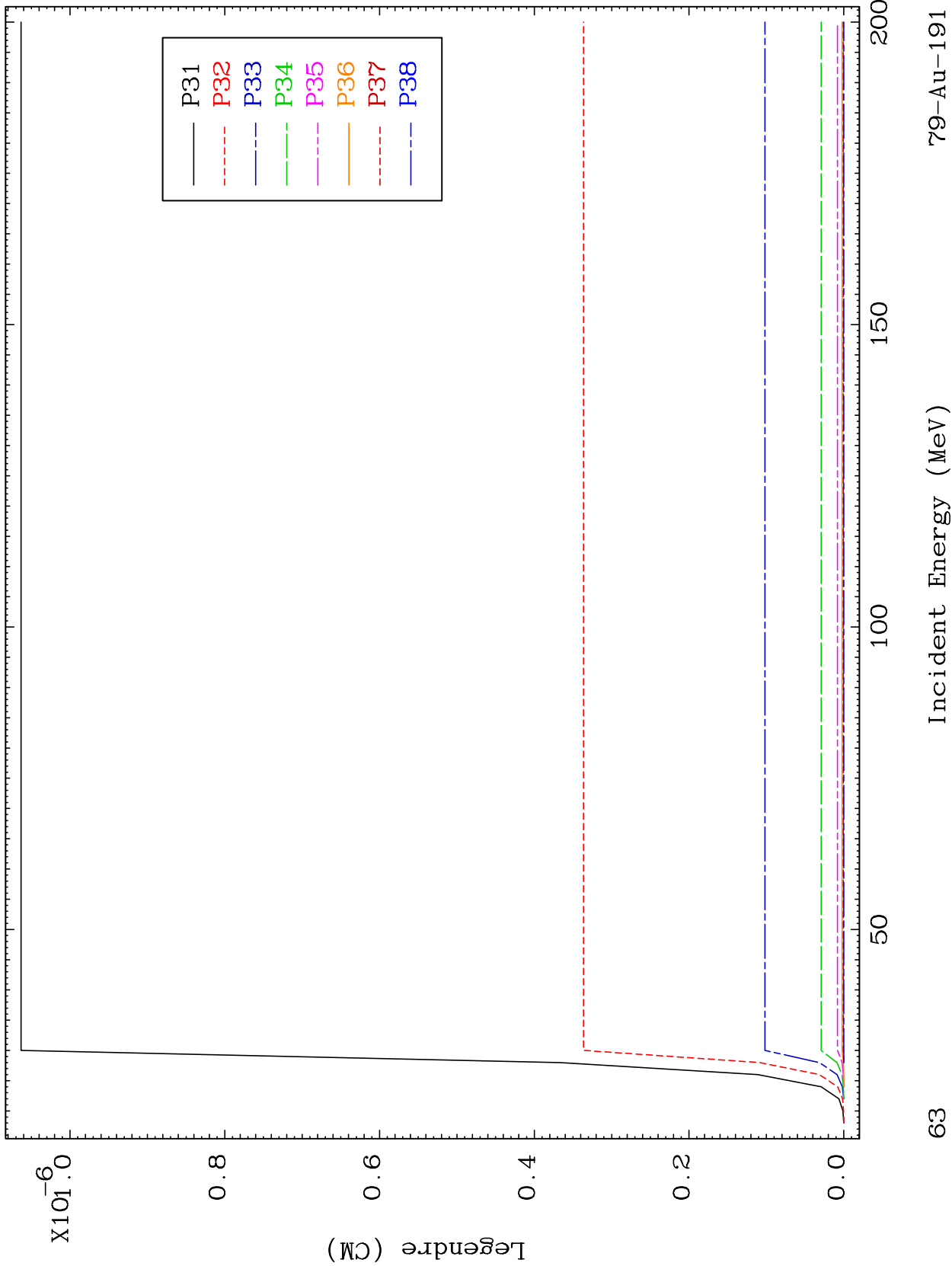




MAT 7907

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

79-Au-191



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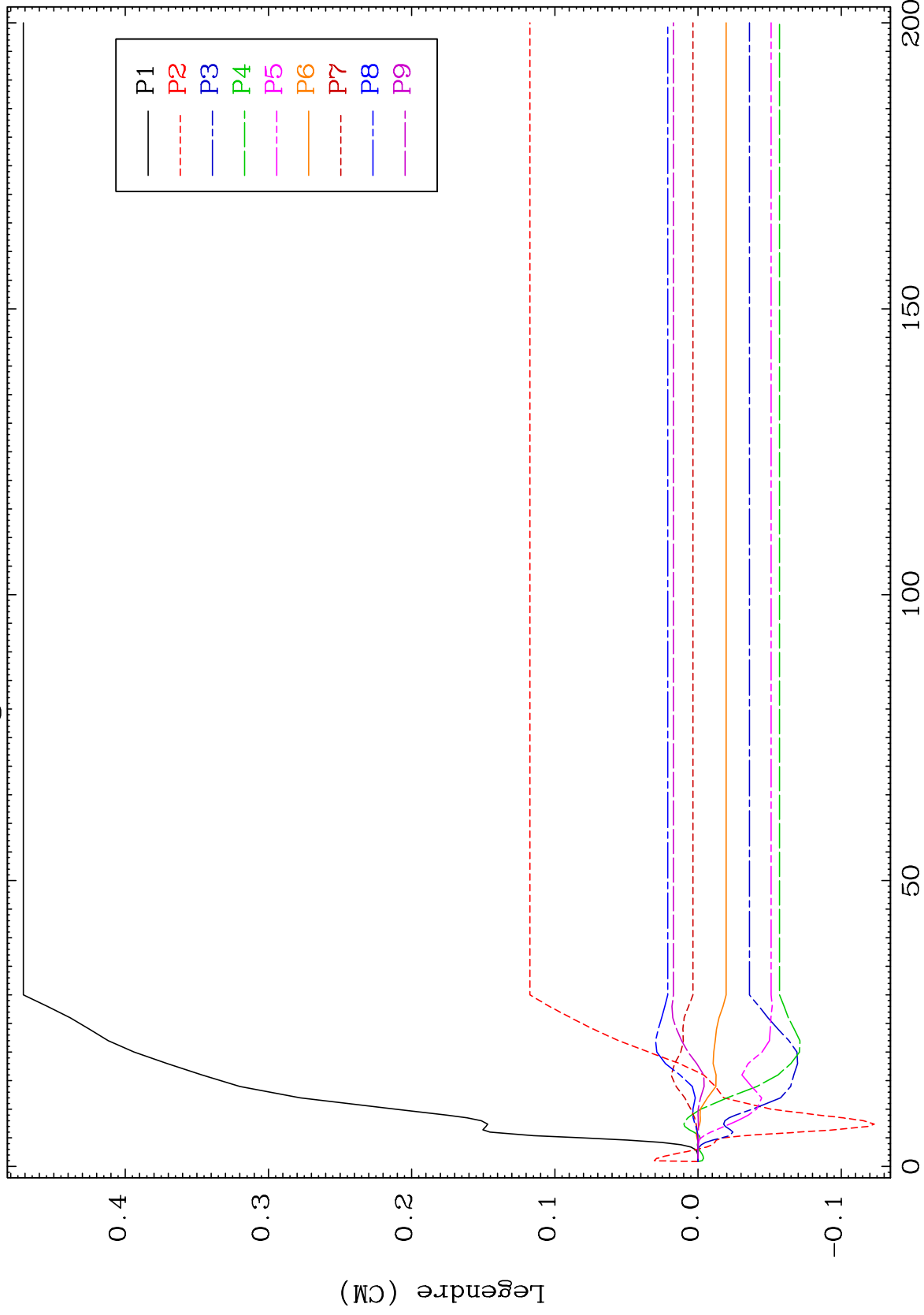
79-Au-191



MAT 7907

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

79-Au-191



64

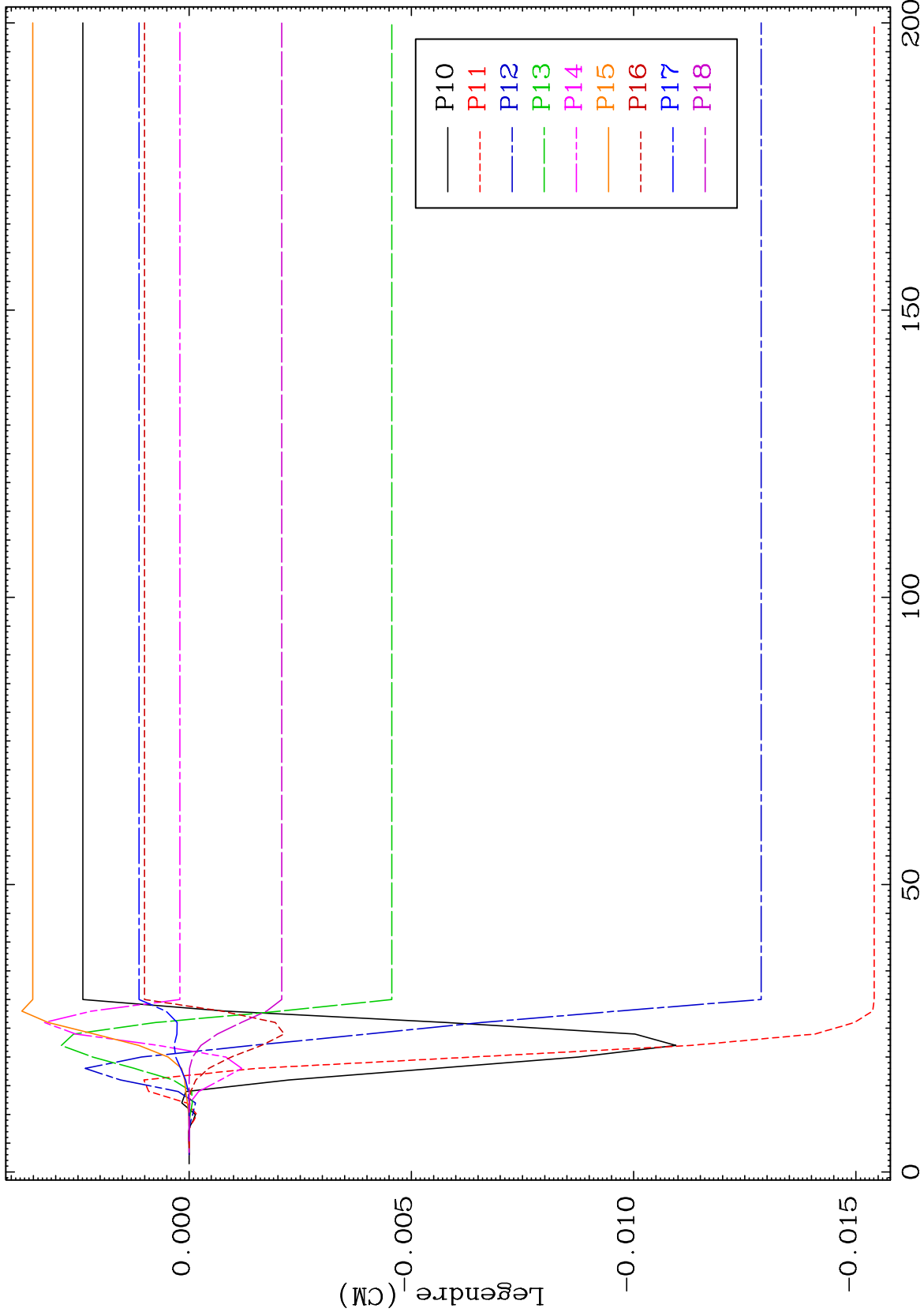
Incident Energy (MeV)

79-Au-191

MAT 7907

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

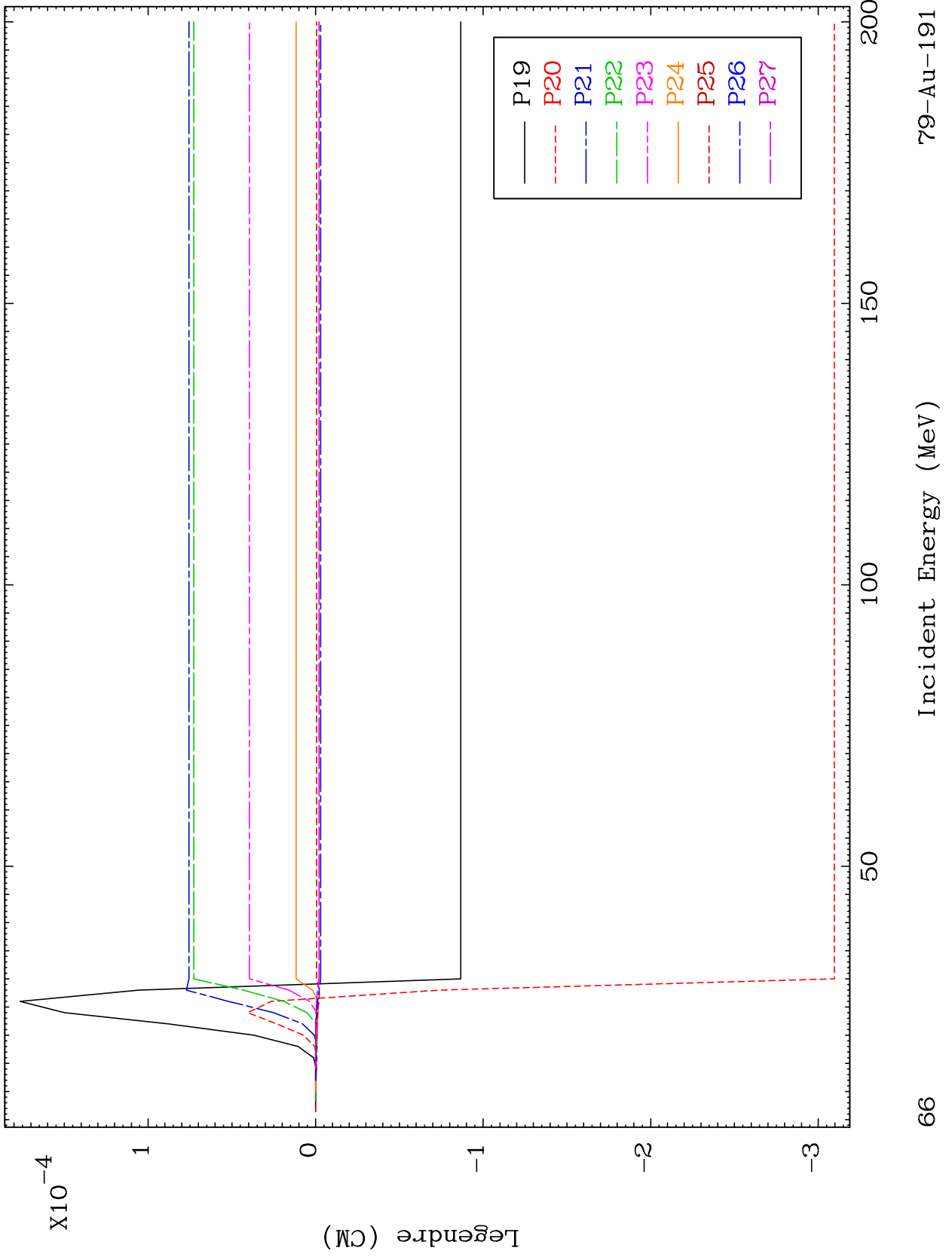
79-Au-191

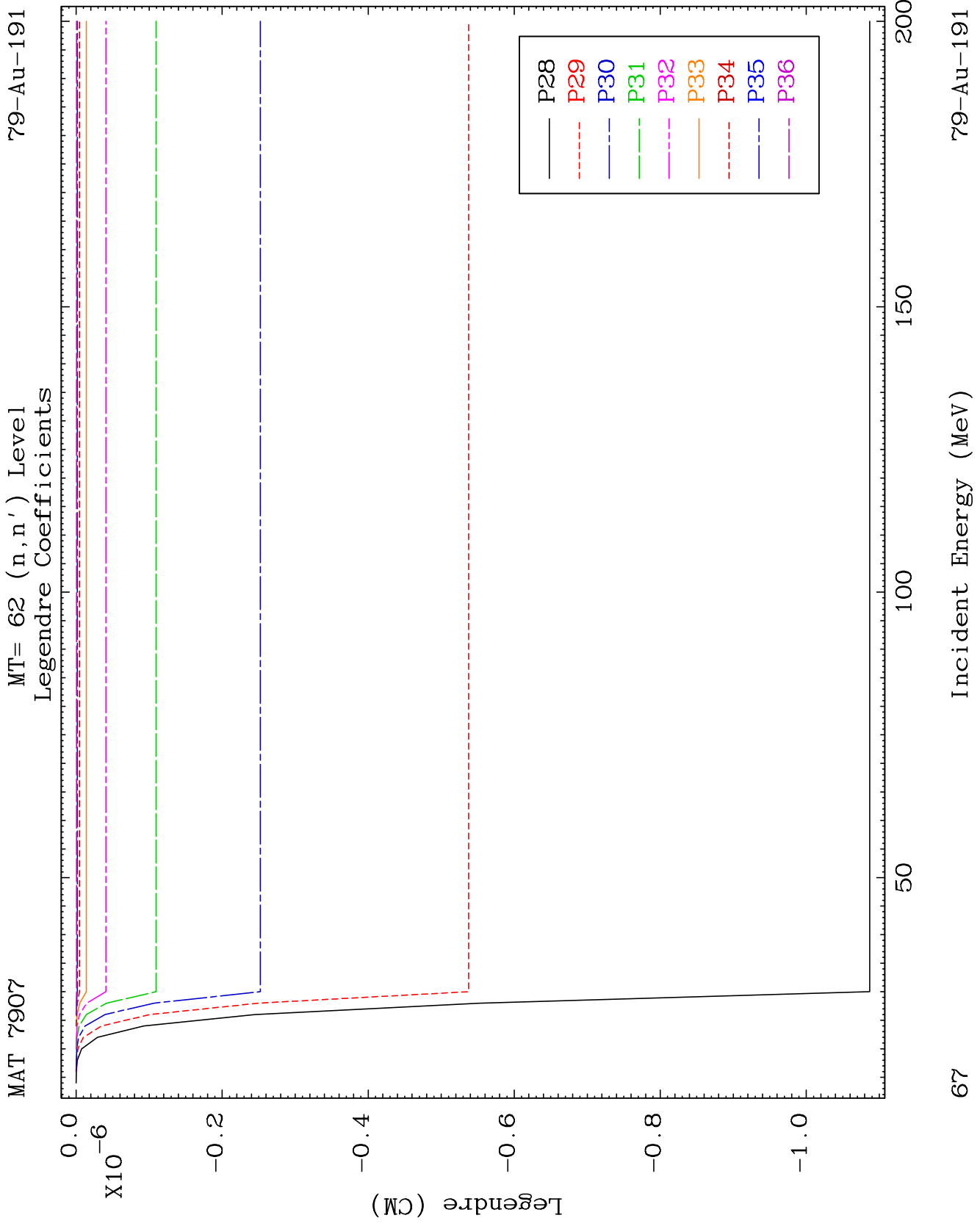


65

Incident Energy (MeV)

79-Au-191



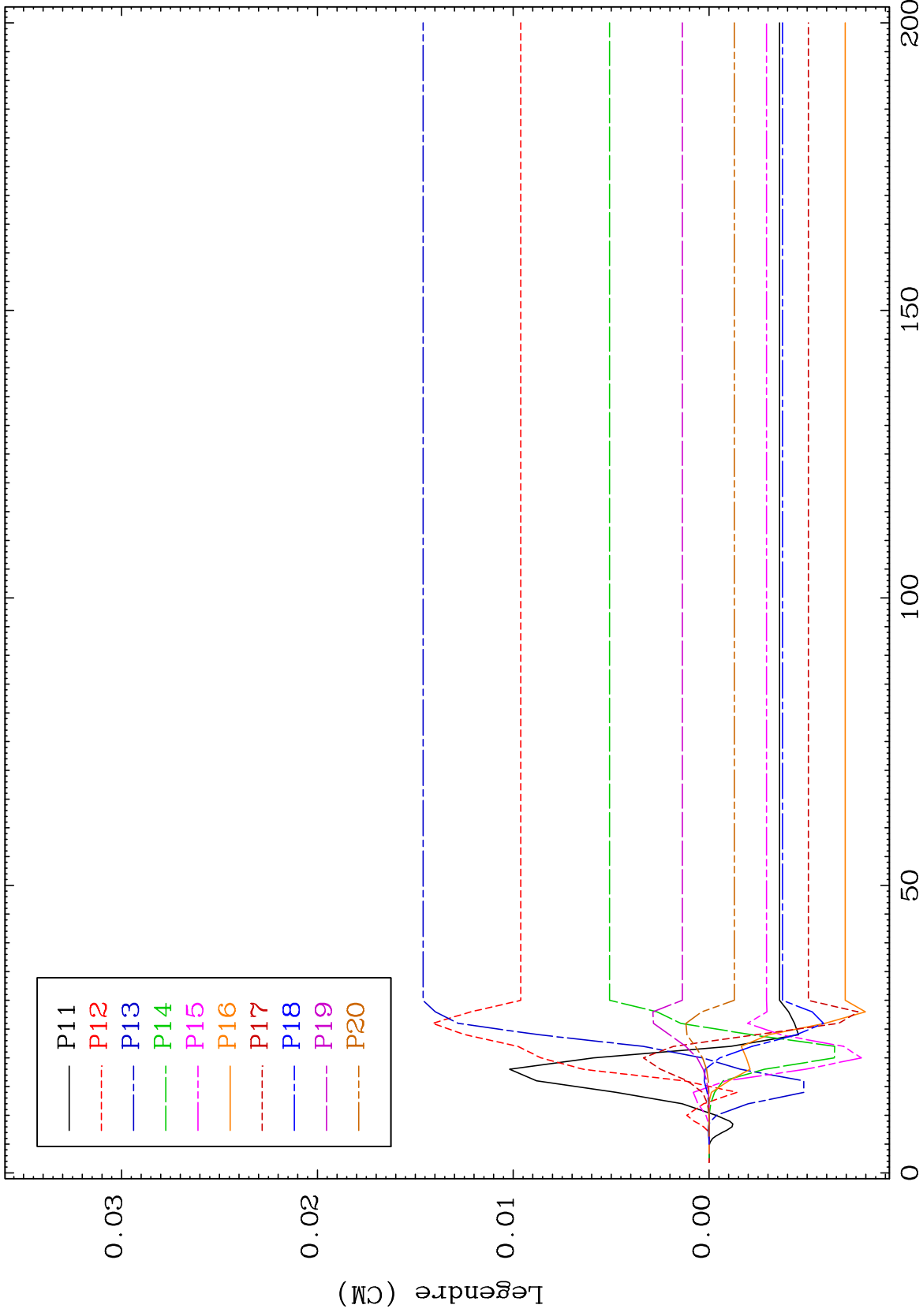




MAT 7907

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

79-Au-191



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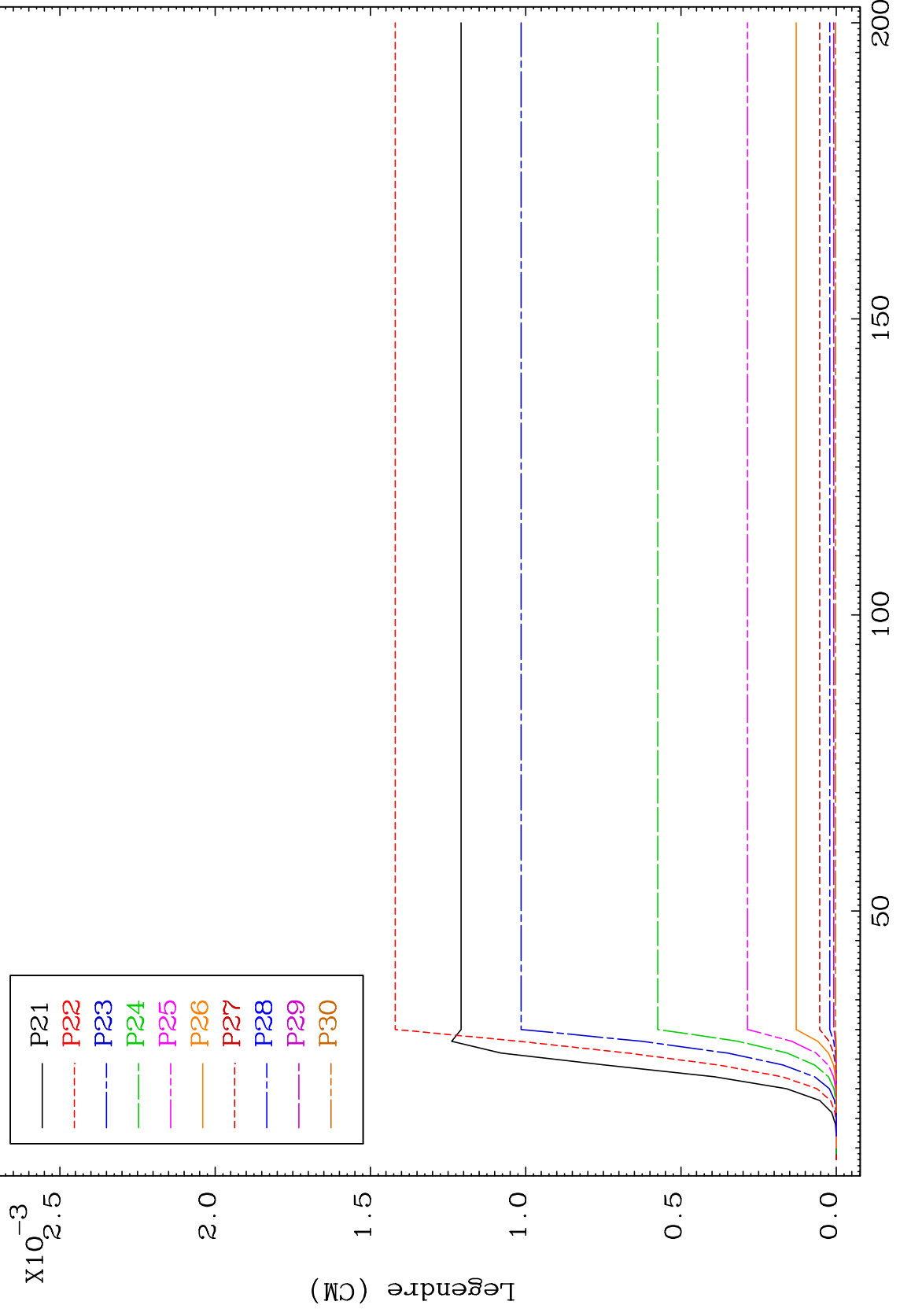
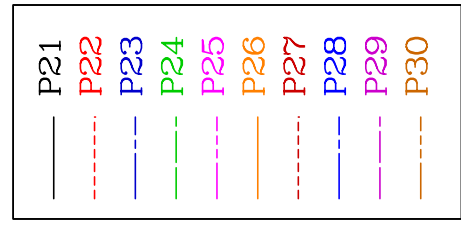
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



70

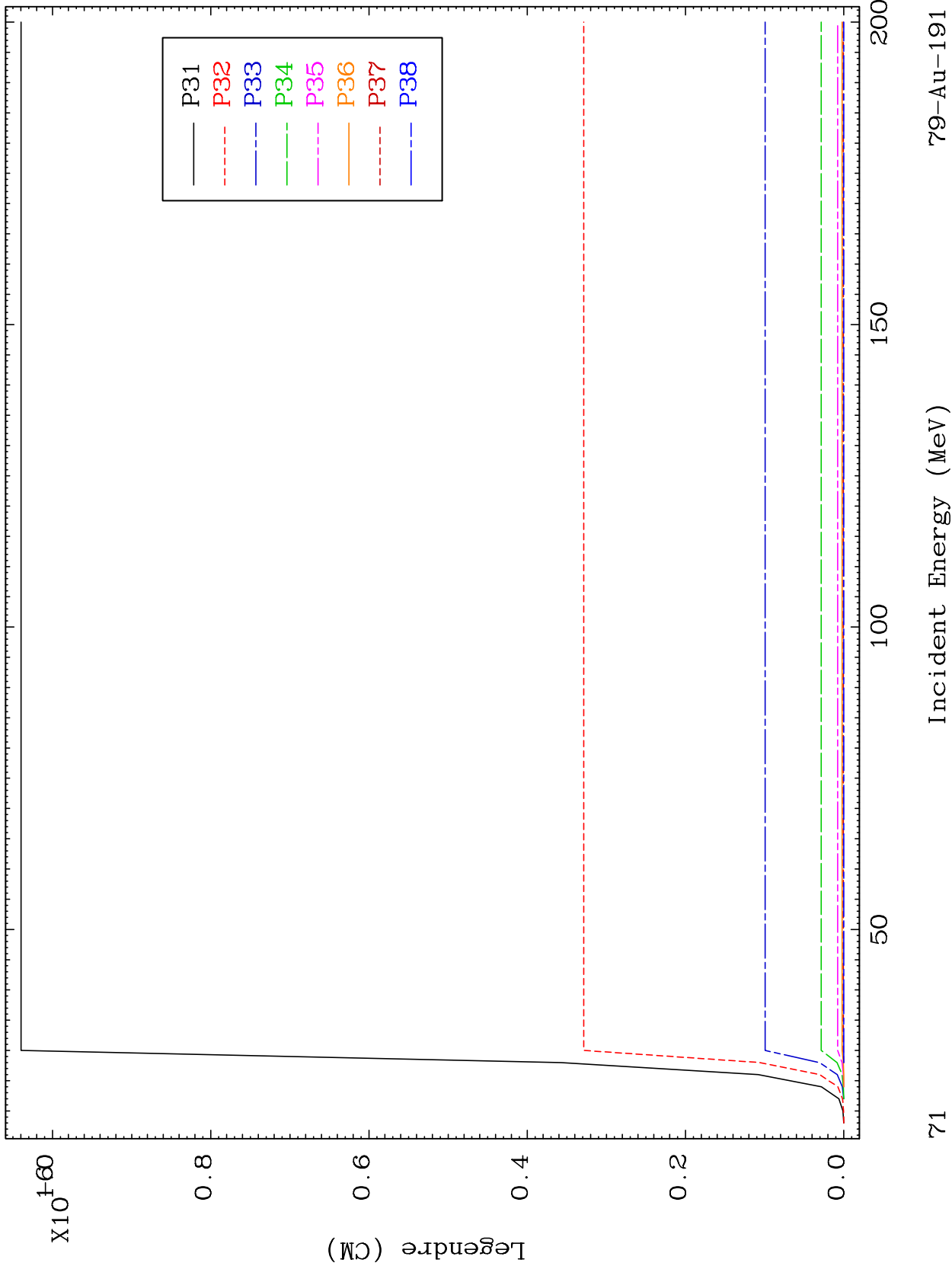
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



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Incident Energy (MeV)

79-Au-191

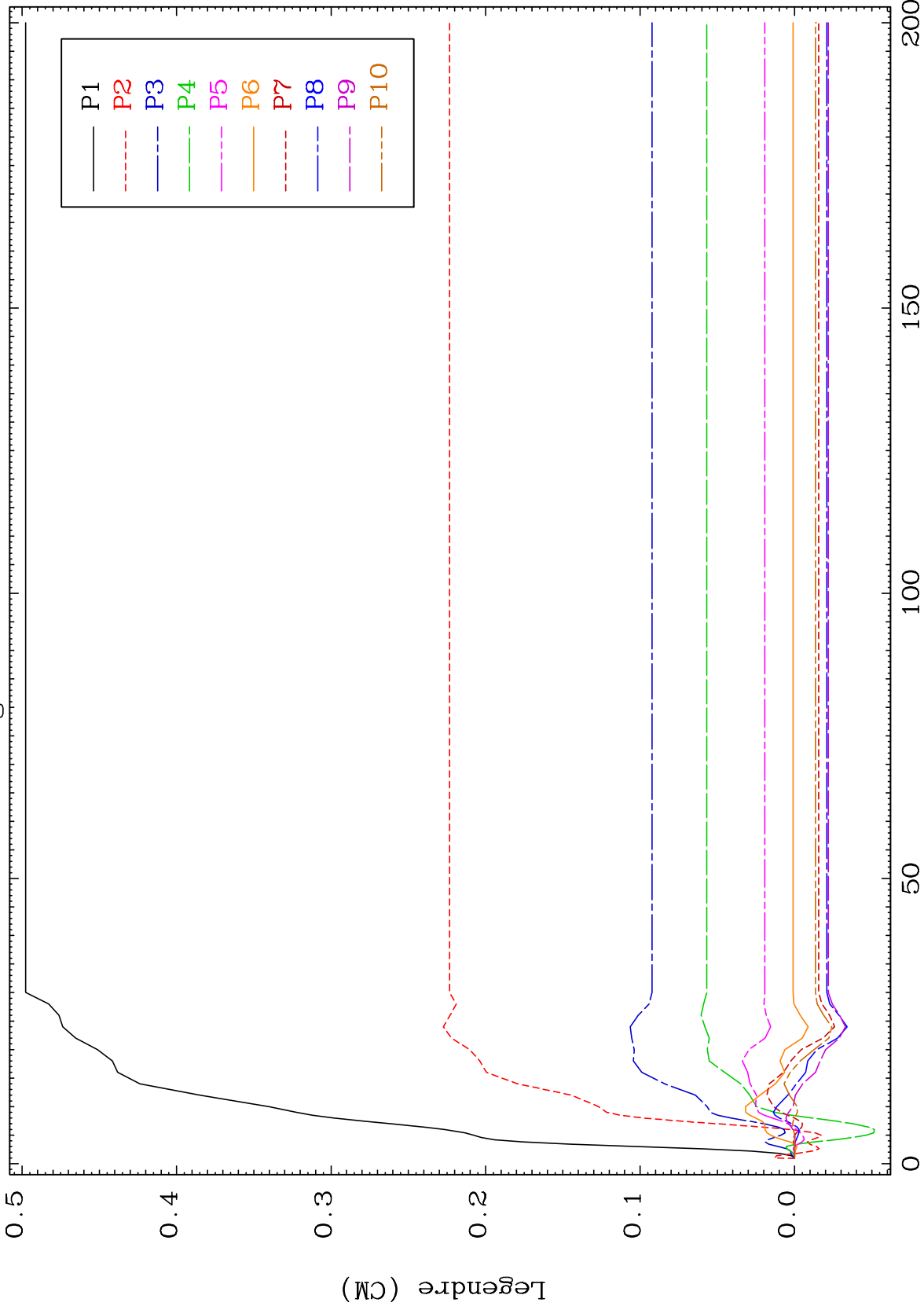


MAT 7907

MT= 64 (n,n') Level

79-Au-191

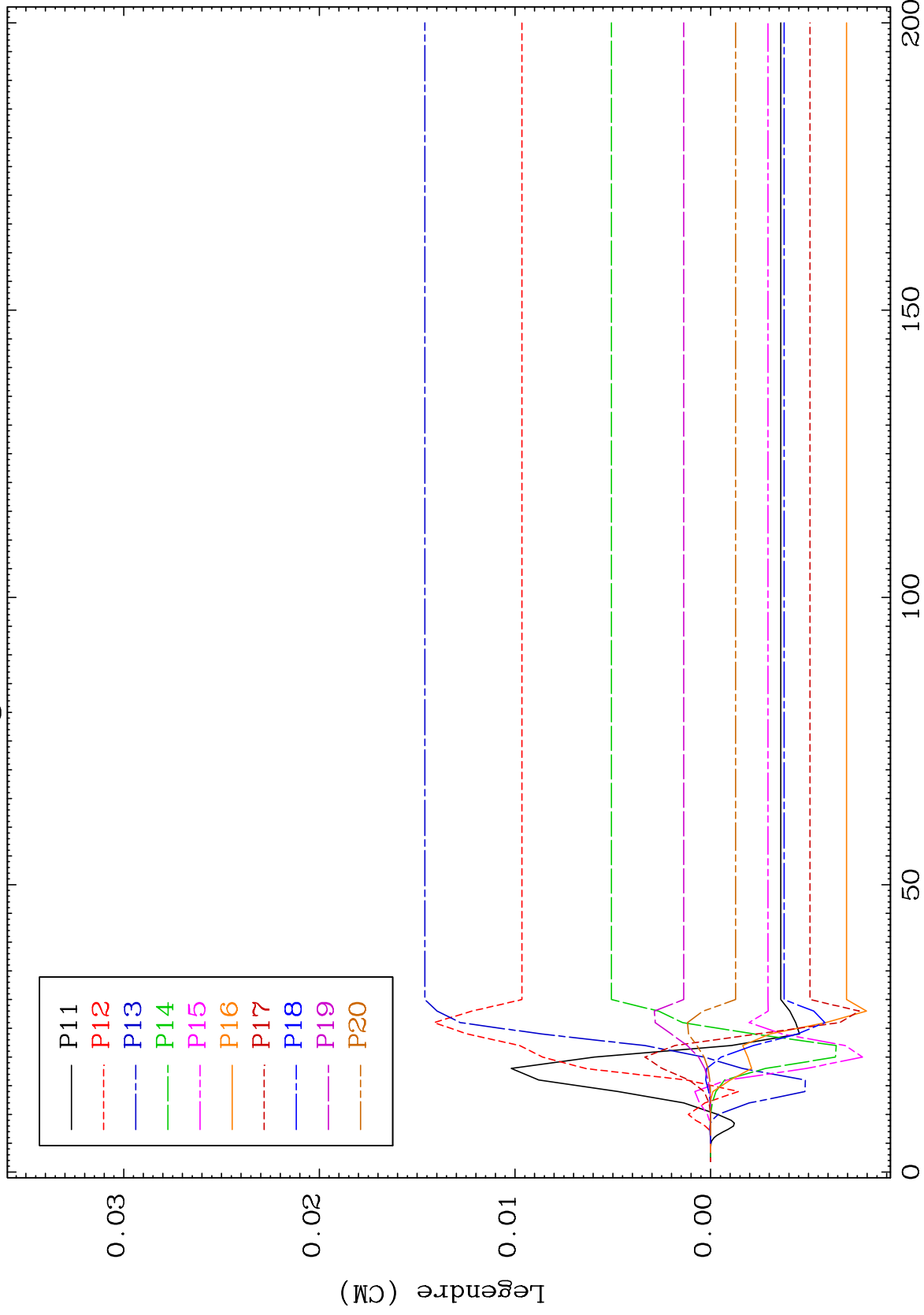
Legendre Coefficients



MAT 7907

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

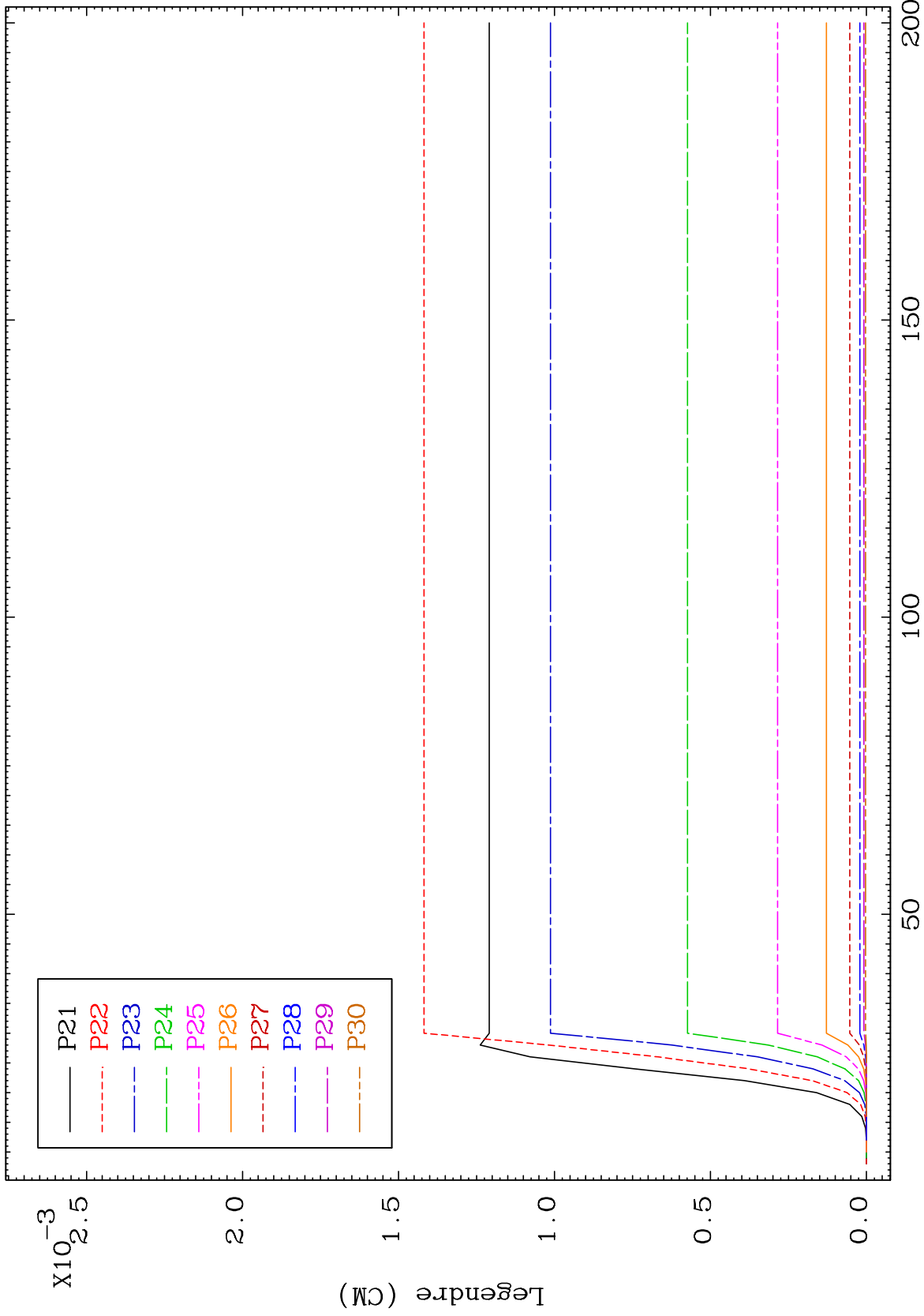
79-Au-191



73

Incident Energy (MeV)

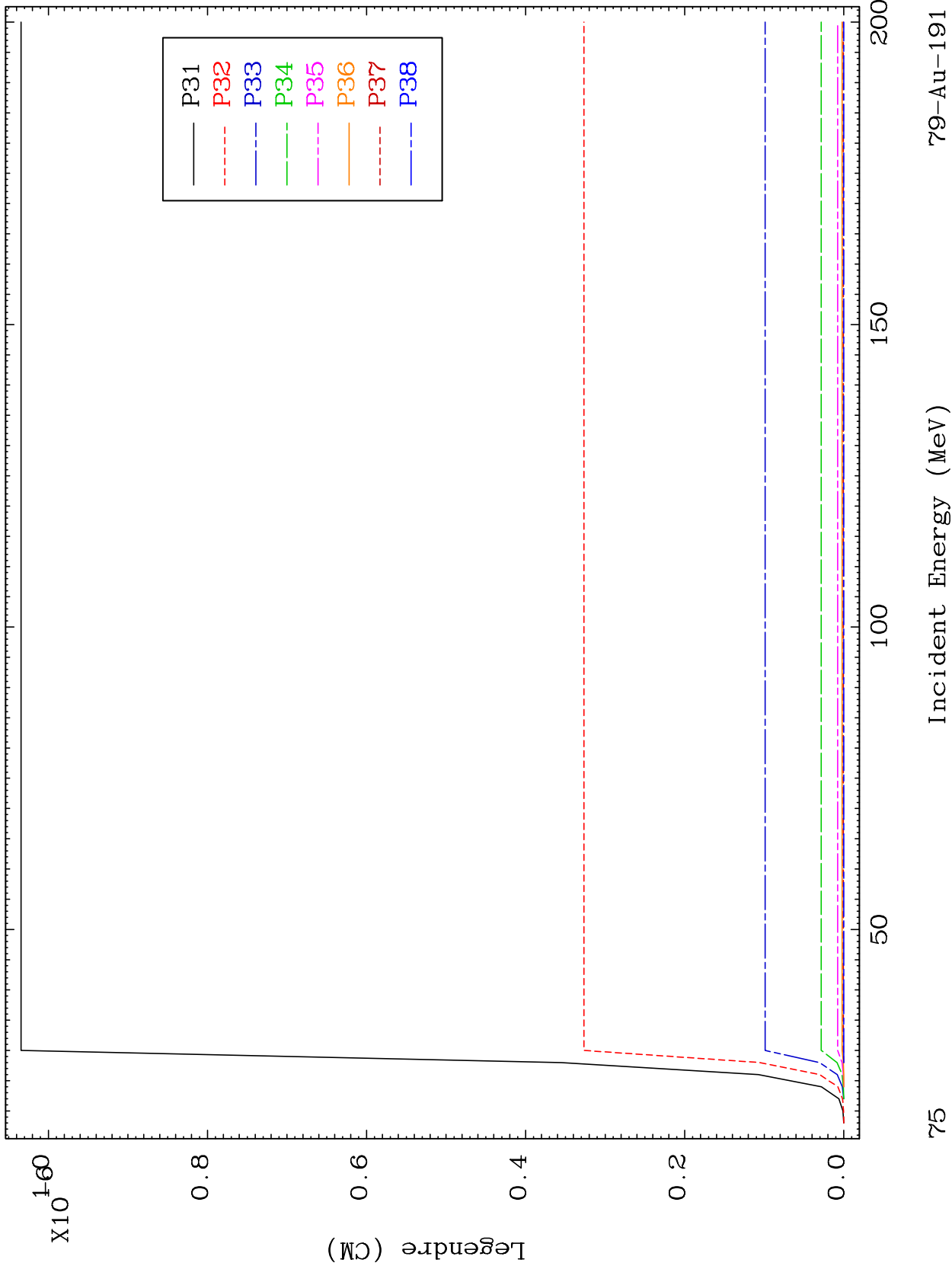
79-Au-191



MAT 7907

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

79-Au-191



75

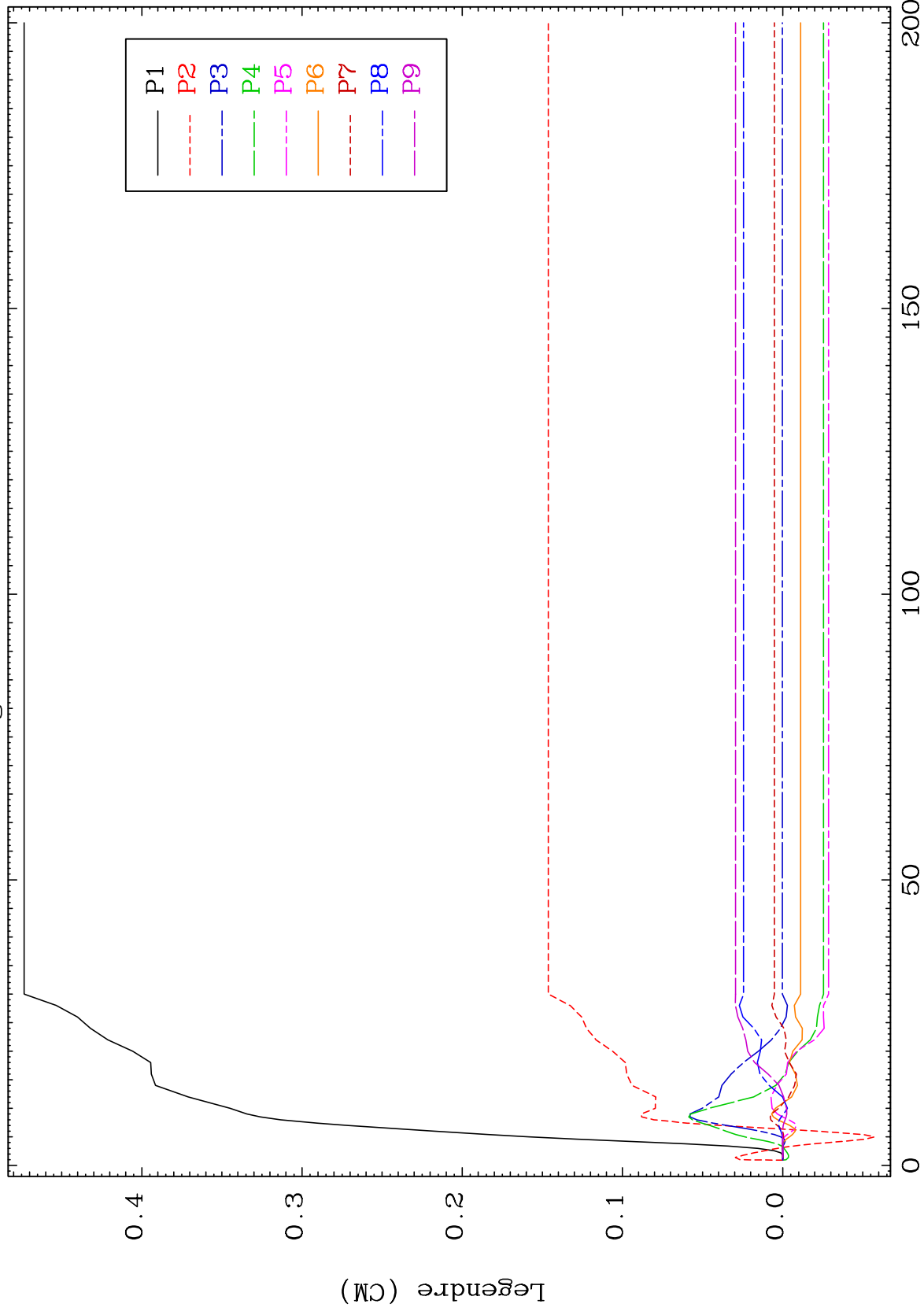
Incident Energy (MeV)

79-Au-191

MAT 7907

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

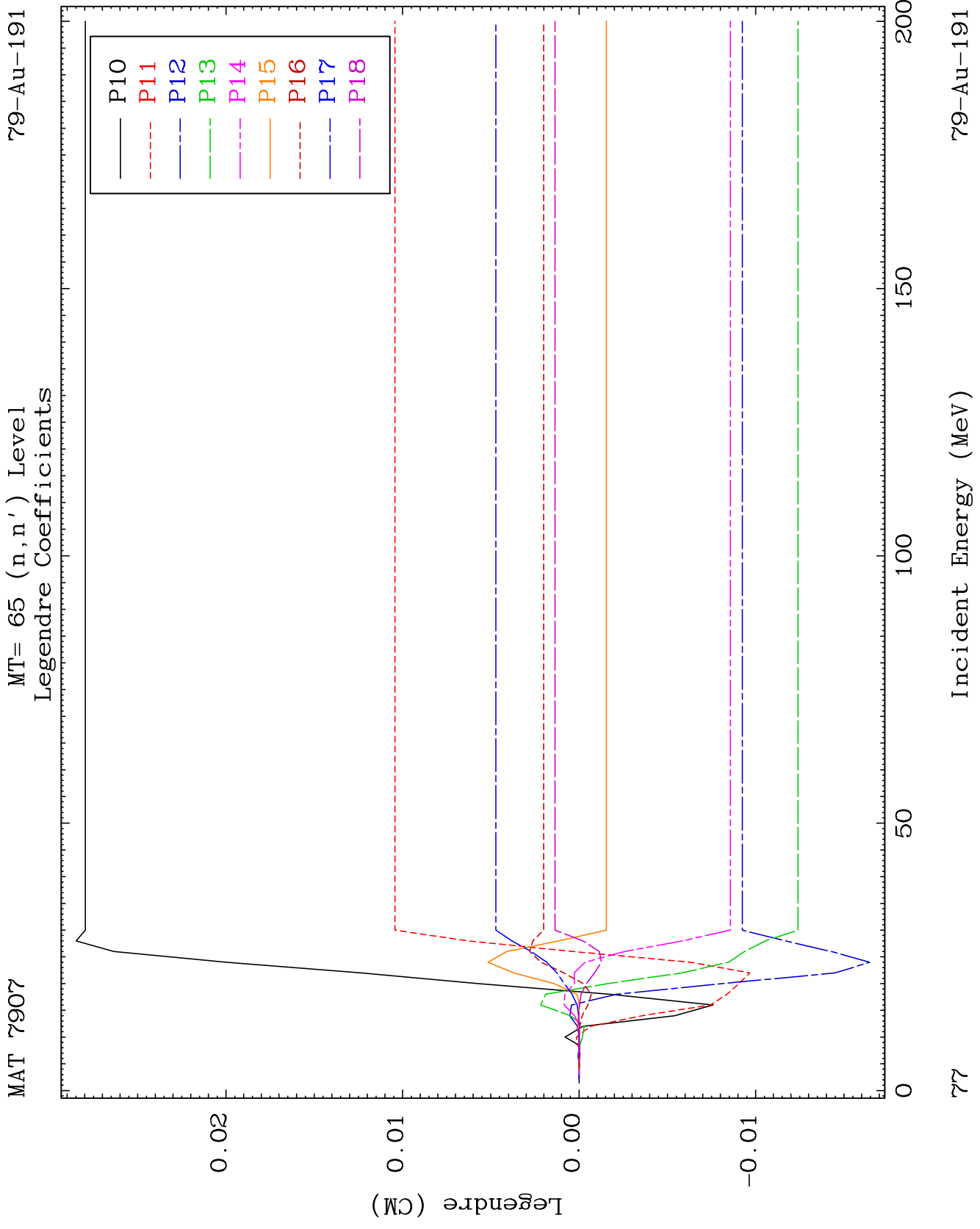
79-Au-191



76

Incident Energy (MeV)

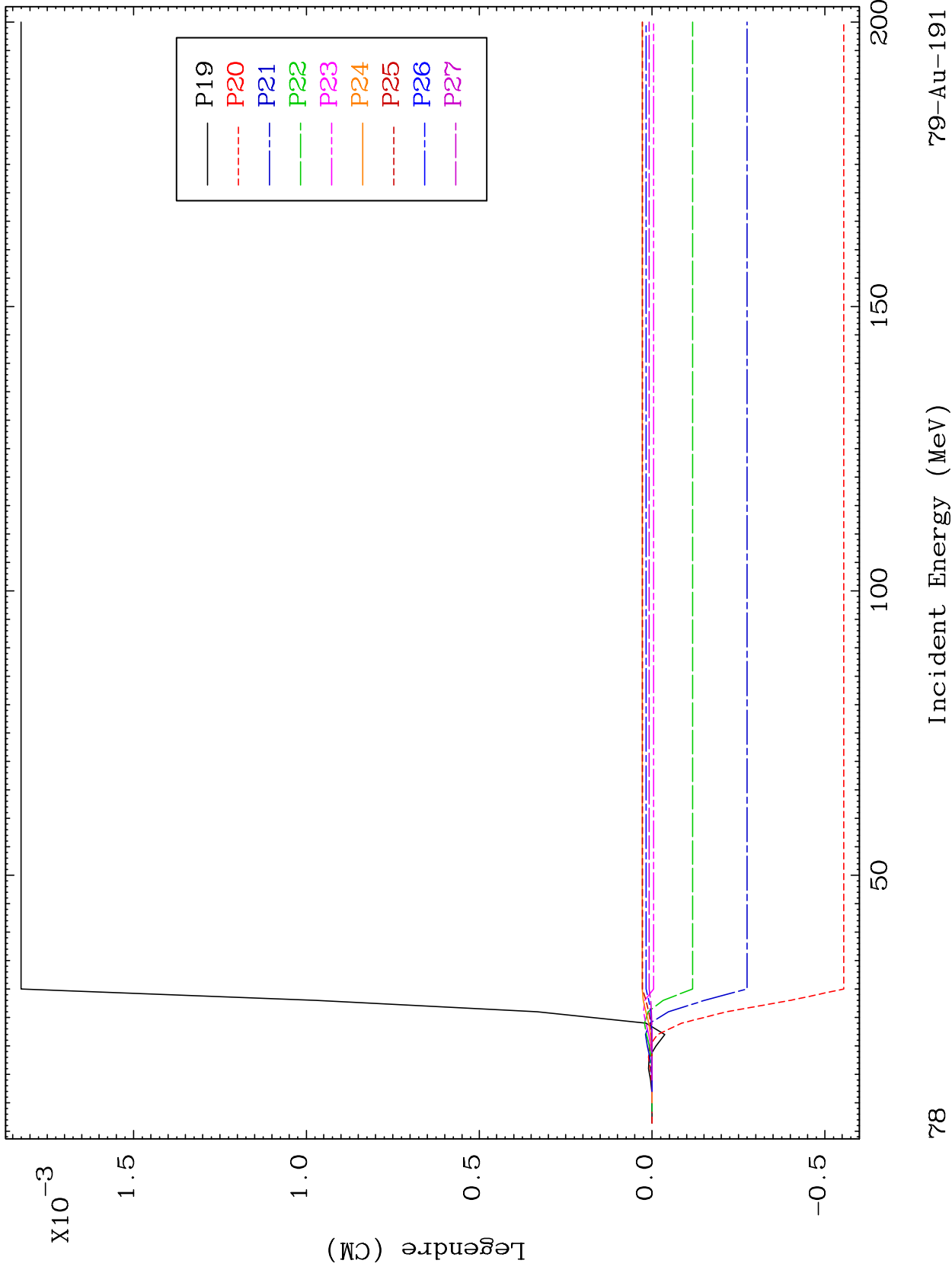
79-Au-191



MAT 7907

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

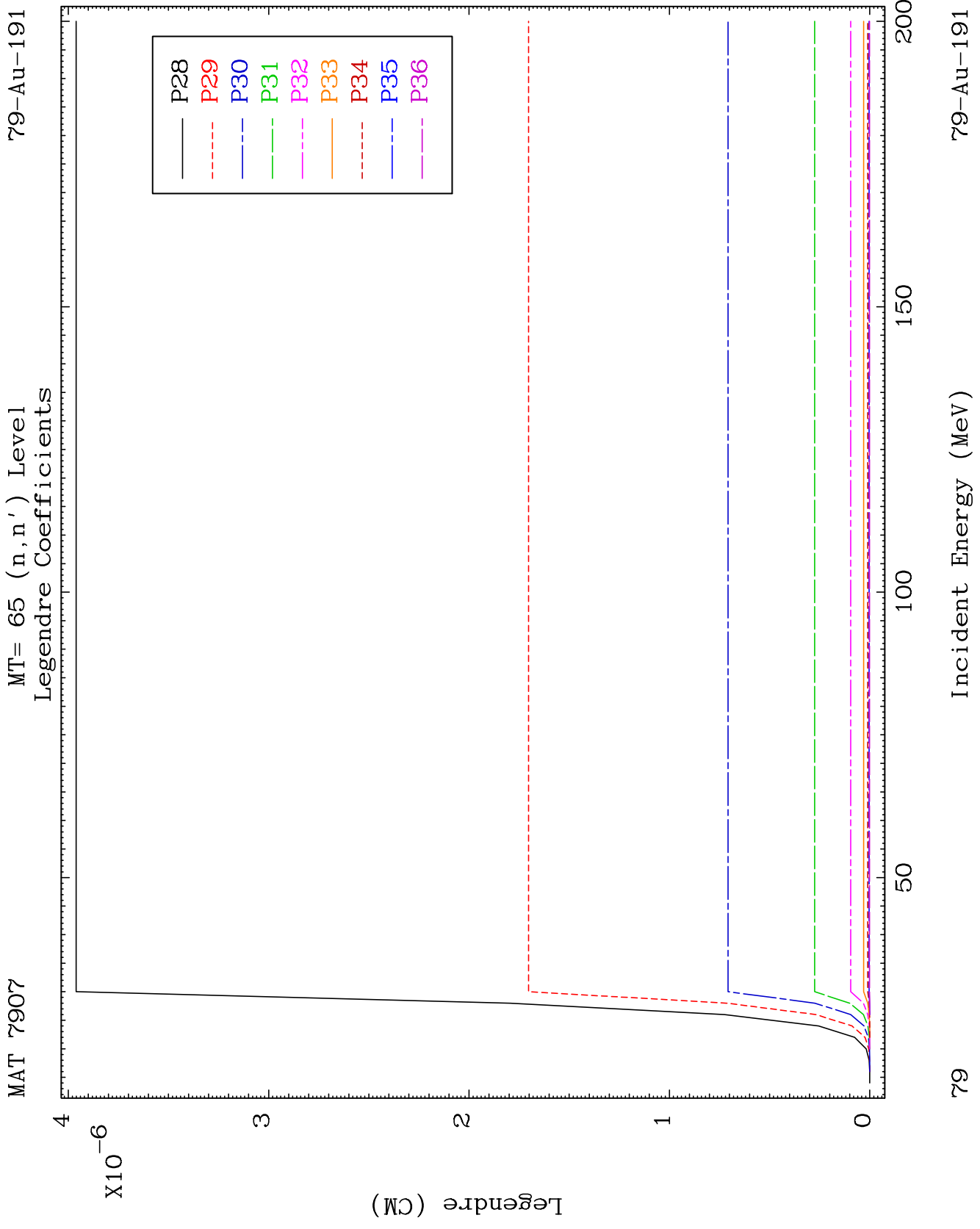
79-Au-191



78

Incident Energy (MeV)

79-Au-191

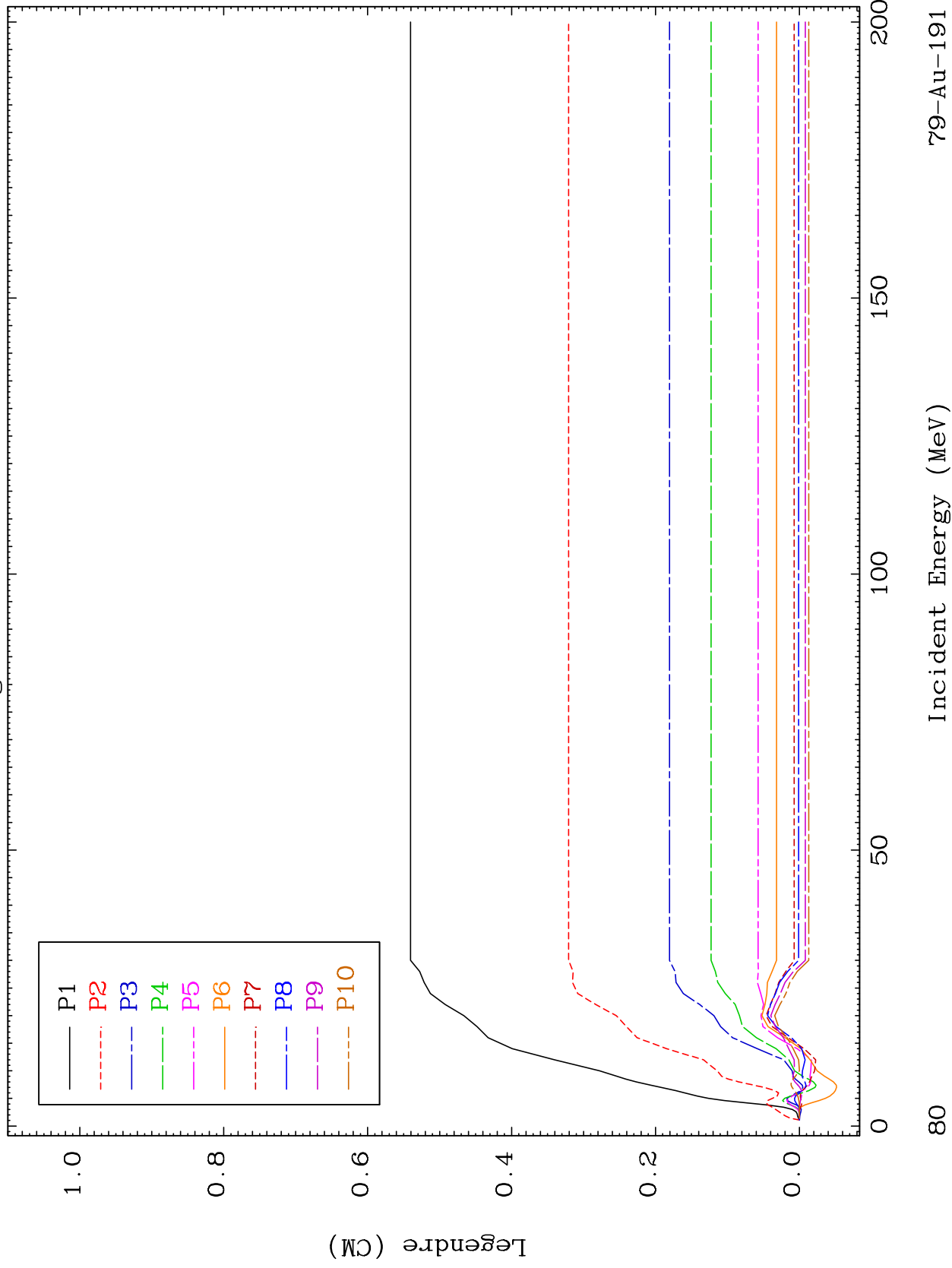




MAT 7907

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

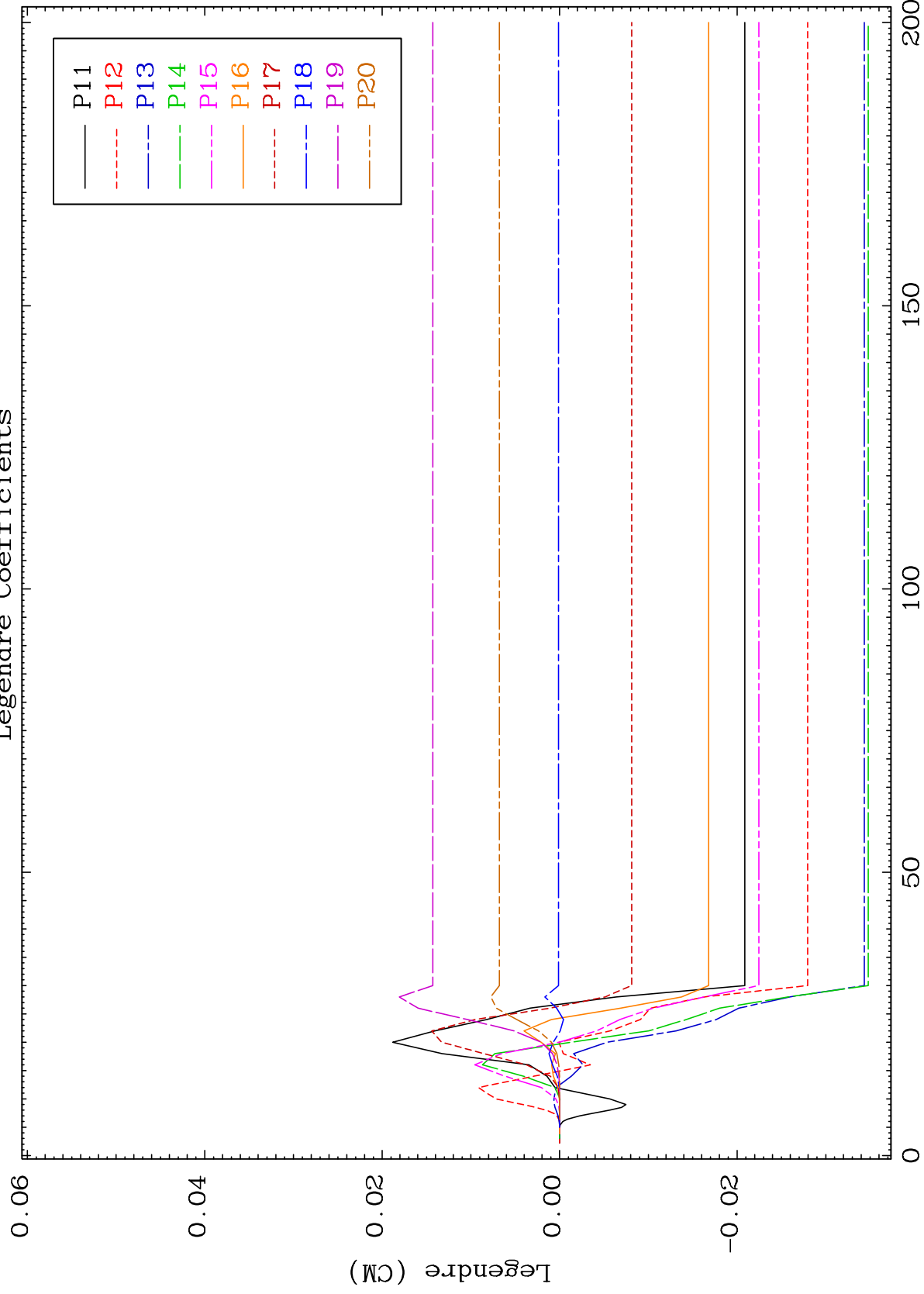
79-Au-191



MAT 7907

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

79-Au-191



81

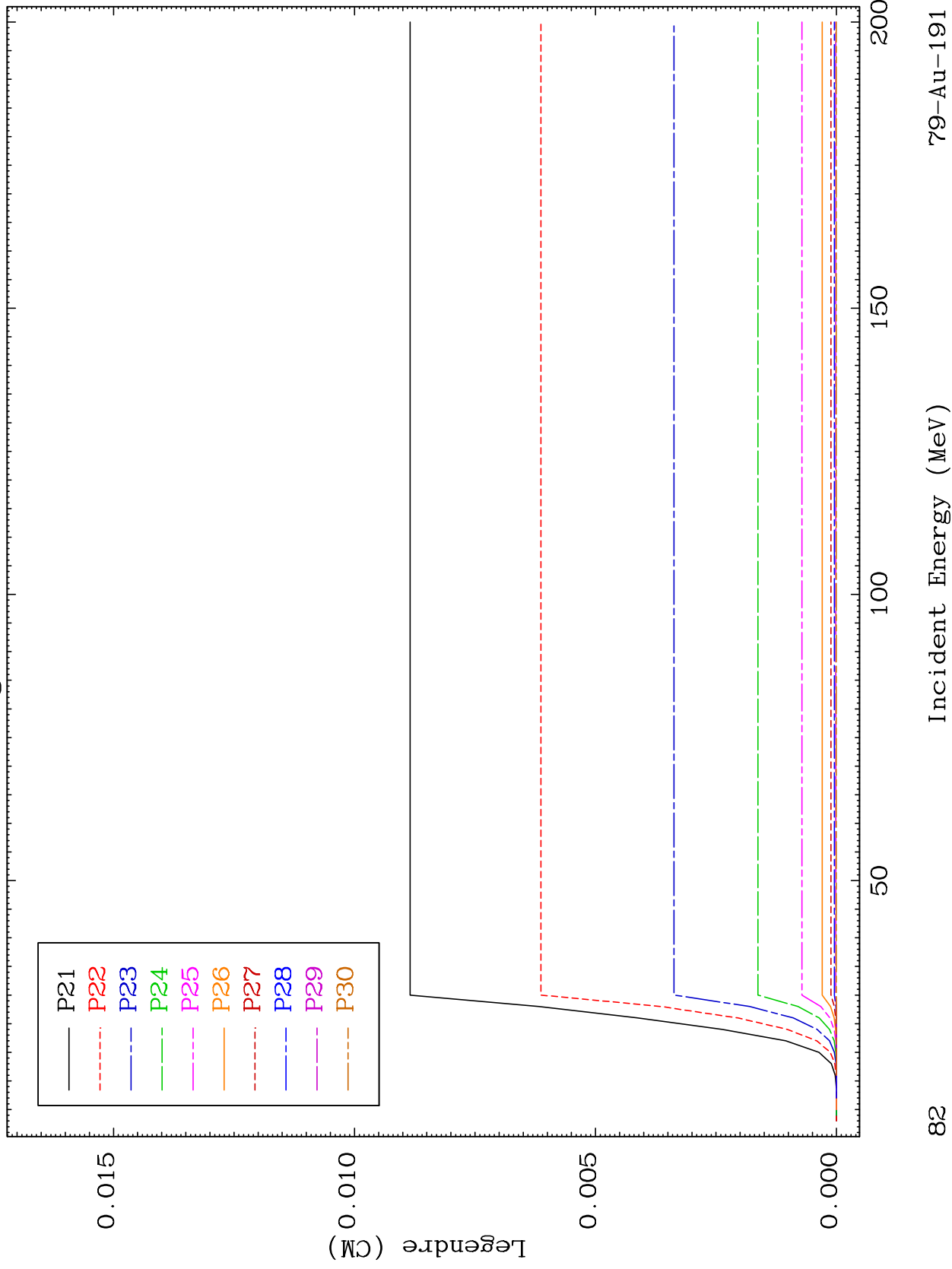
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



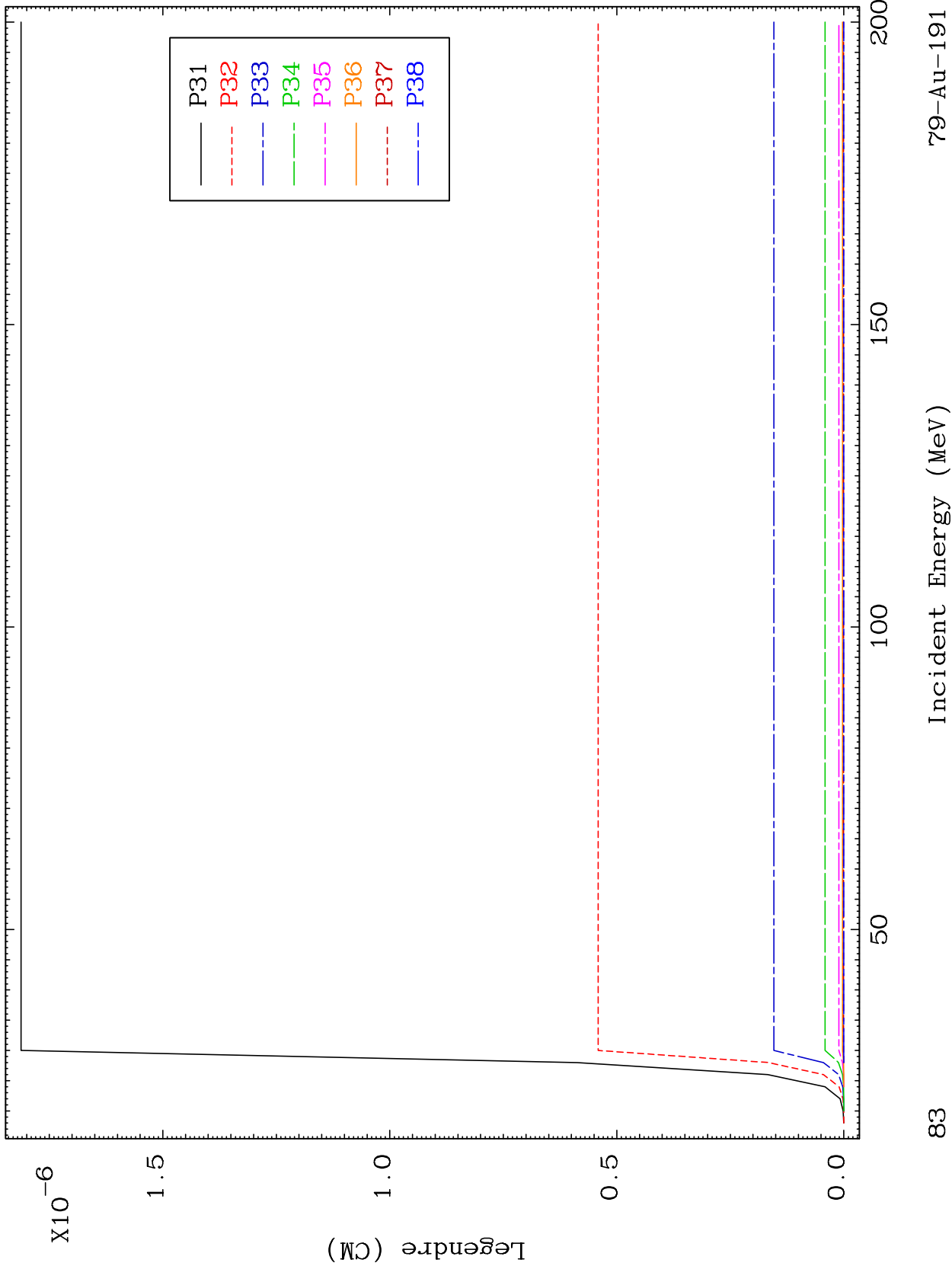
82

79-Au-191

MAT 7907

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

79-Au-191



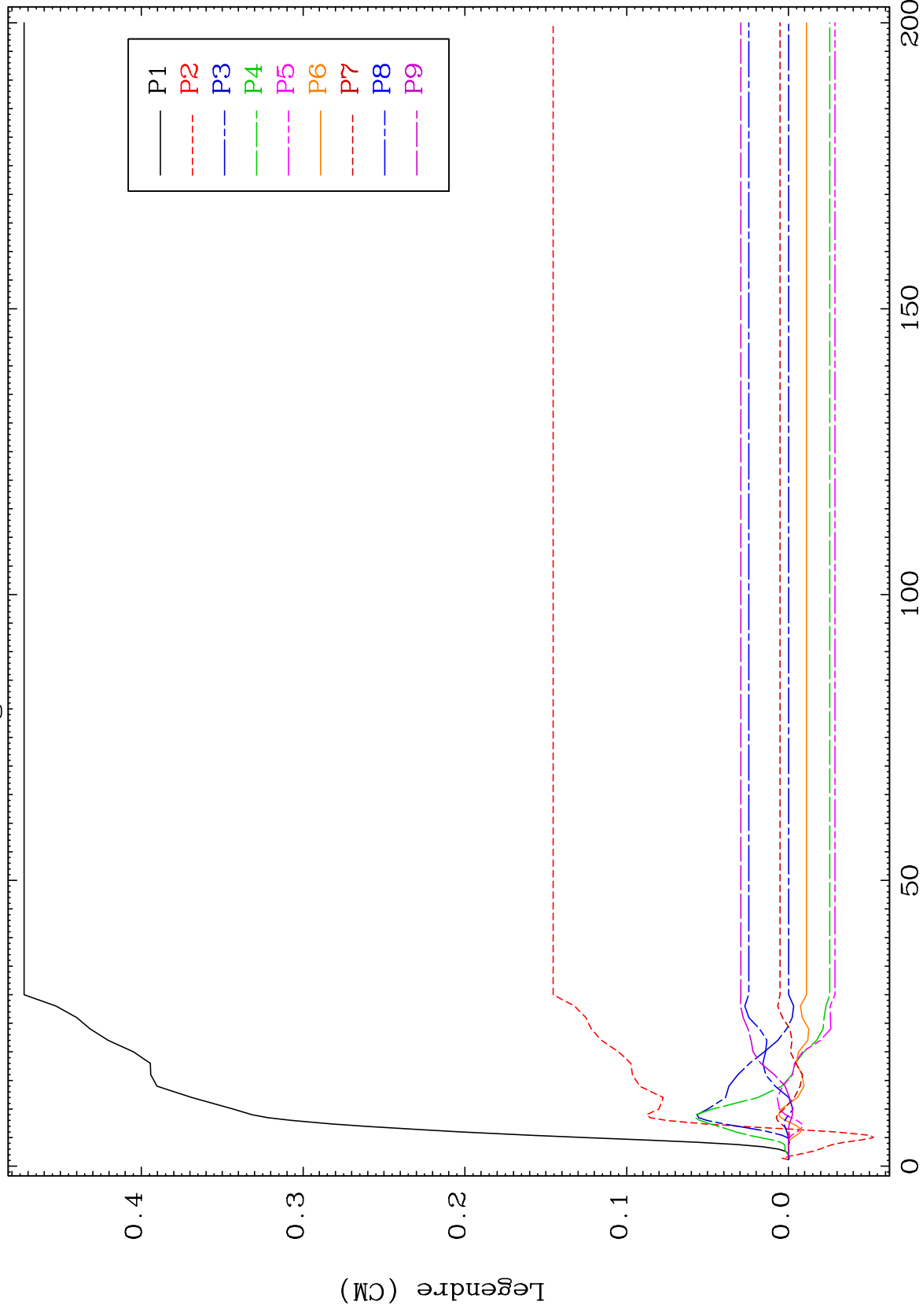
83

79-Au-191

MAT 7907

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

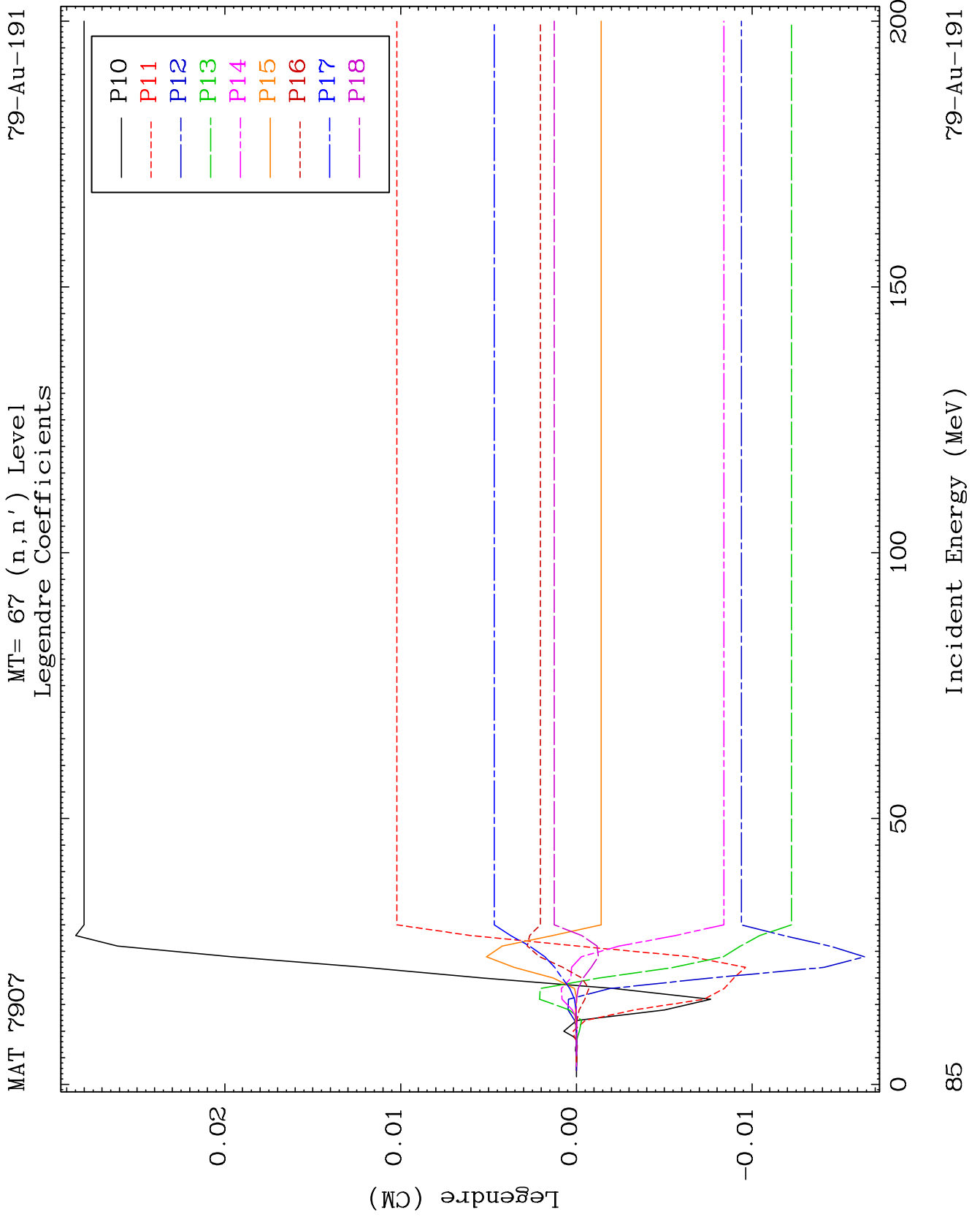
79-Au-191

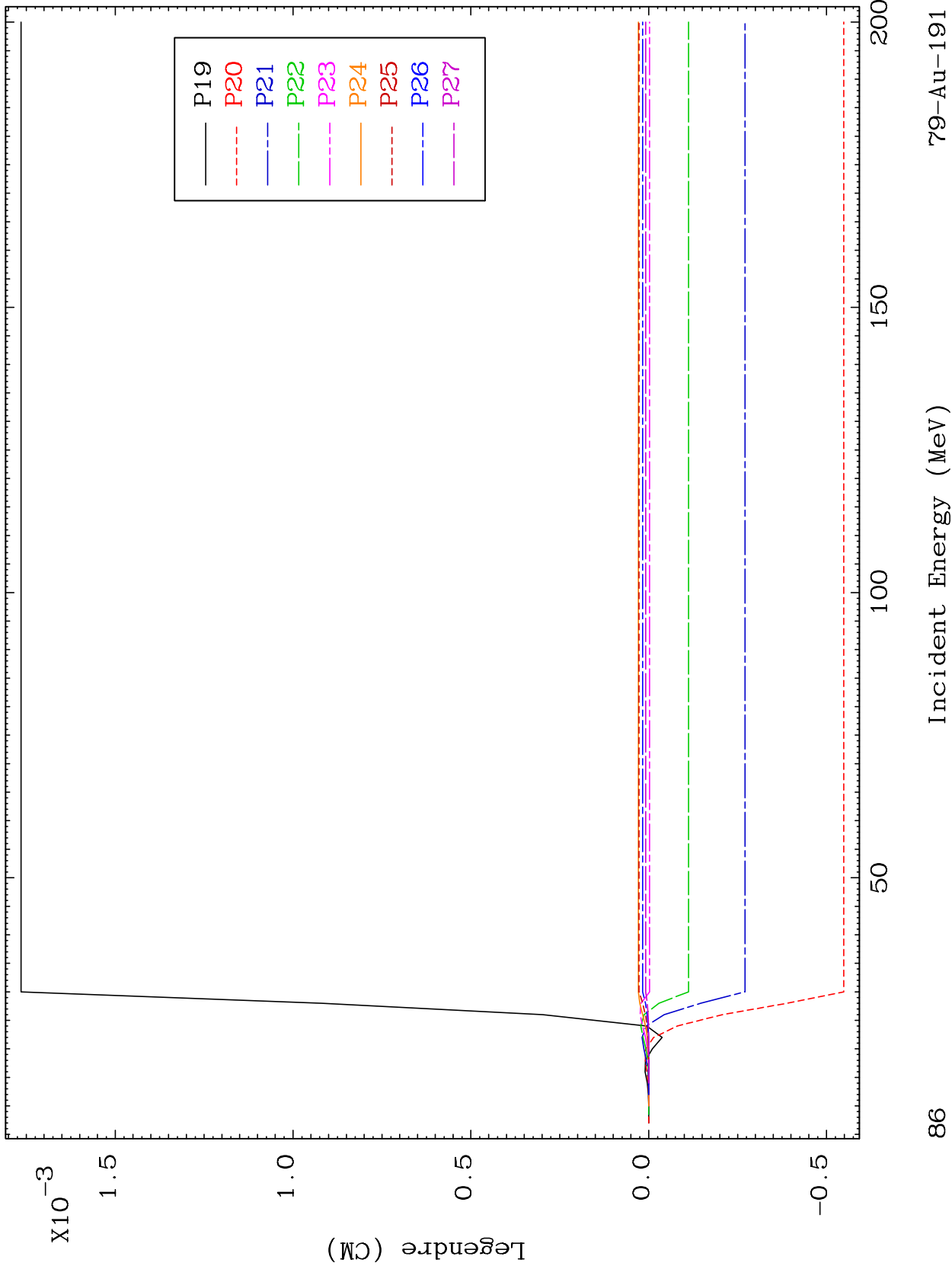


84

Incident Energy (MeV)

79-Au-191

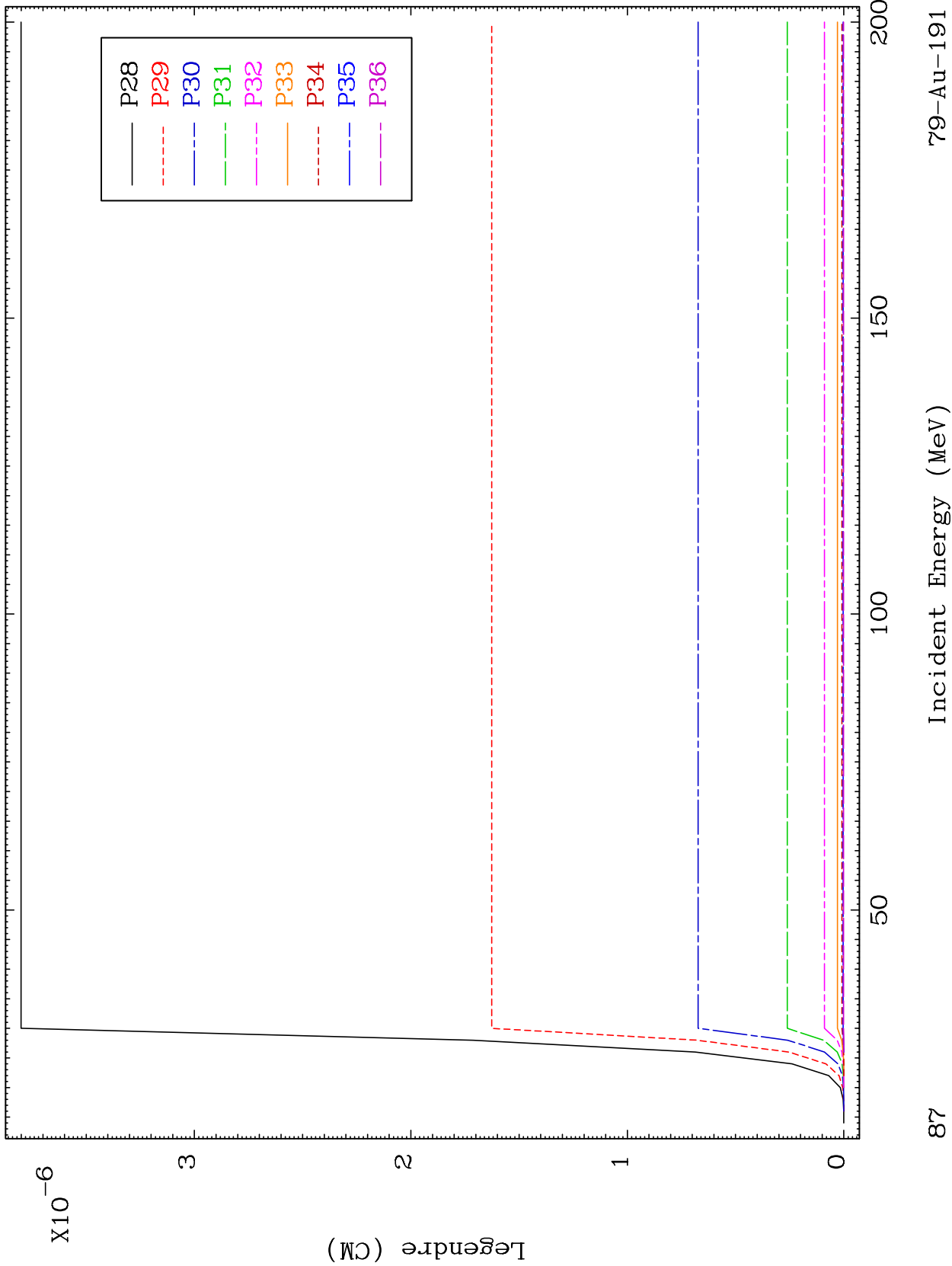




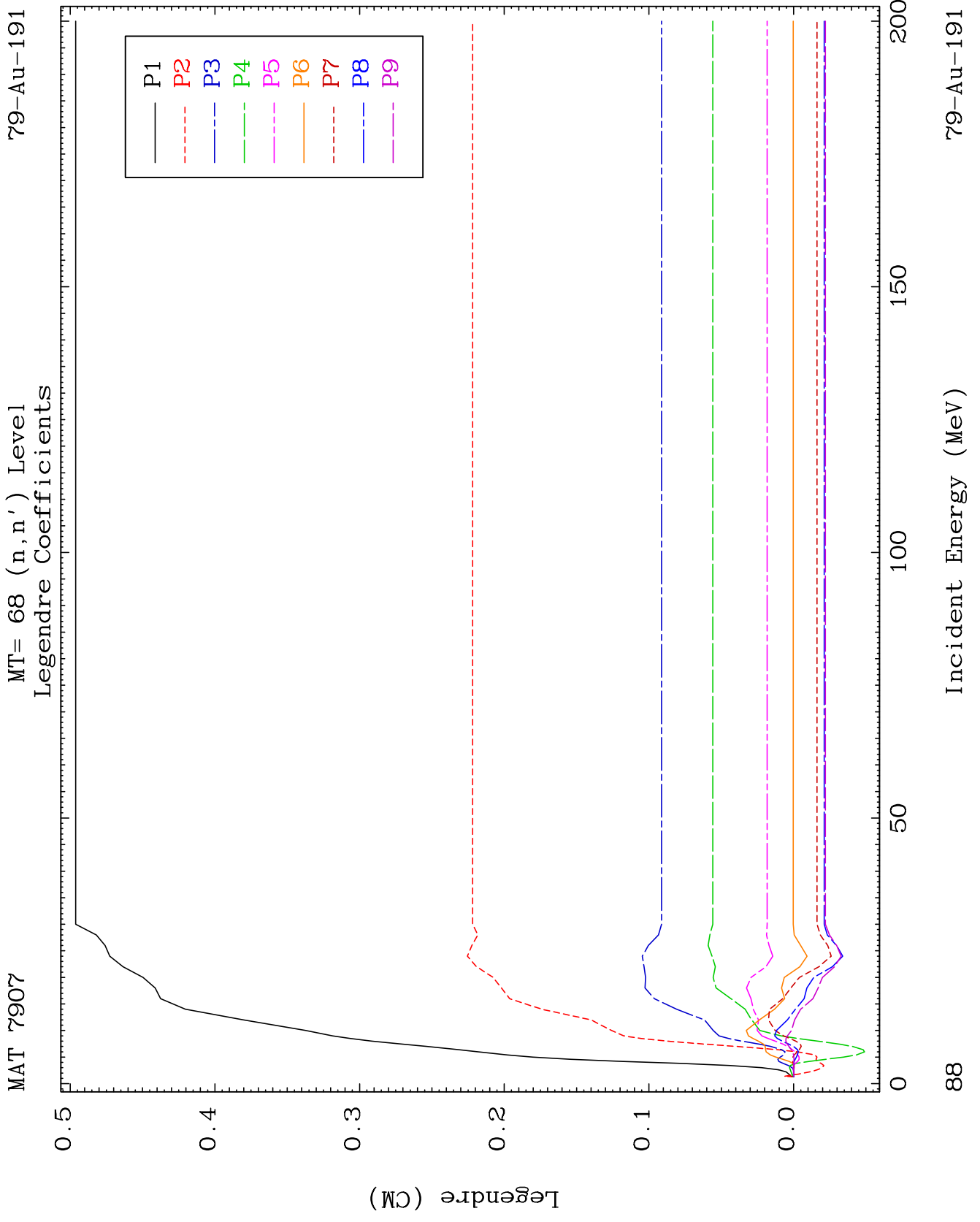
MAT 7907

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

79-Au-191



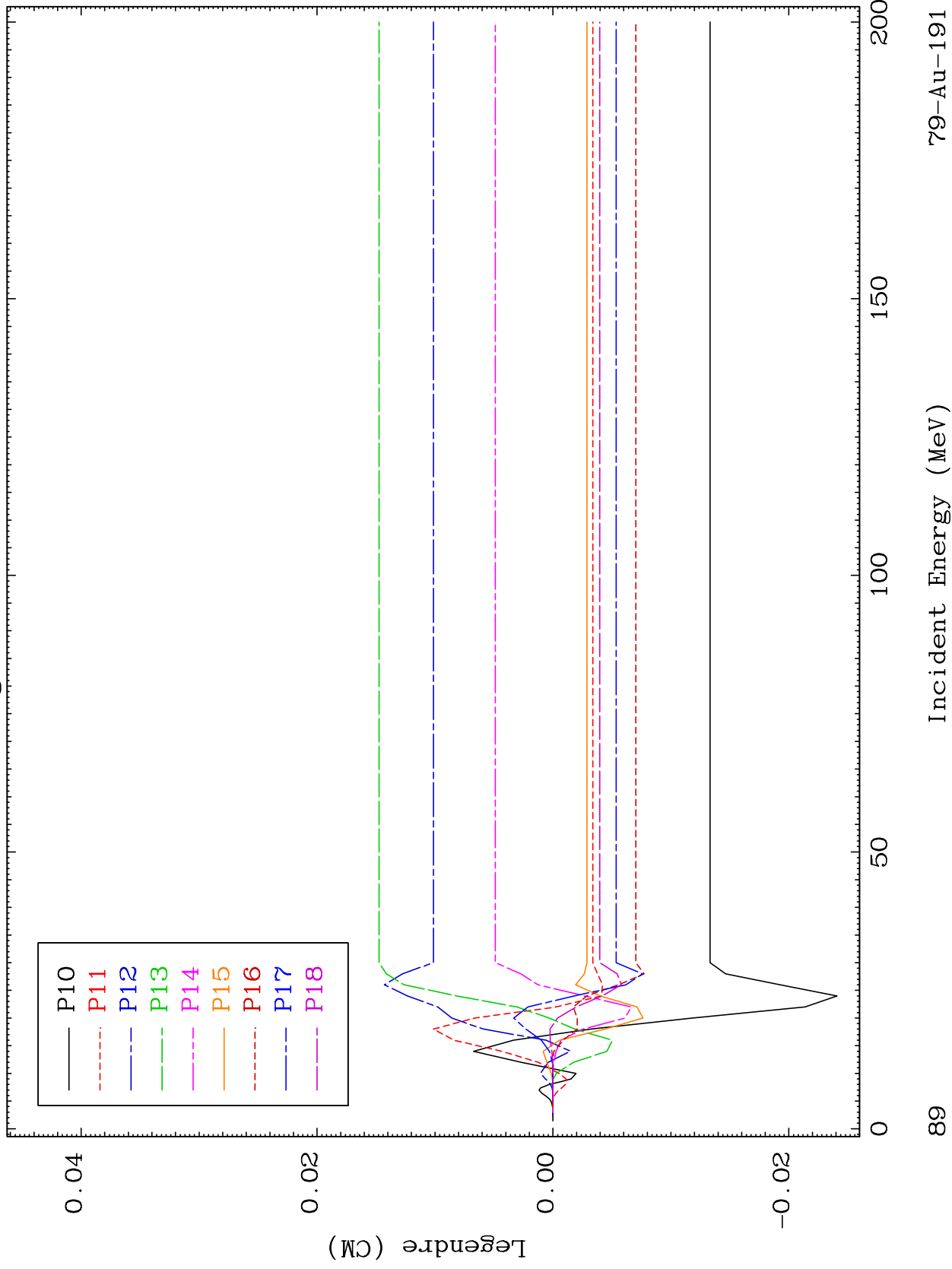




MAT 7907

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

79-Au-191



79-Au-191

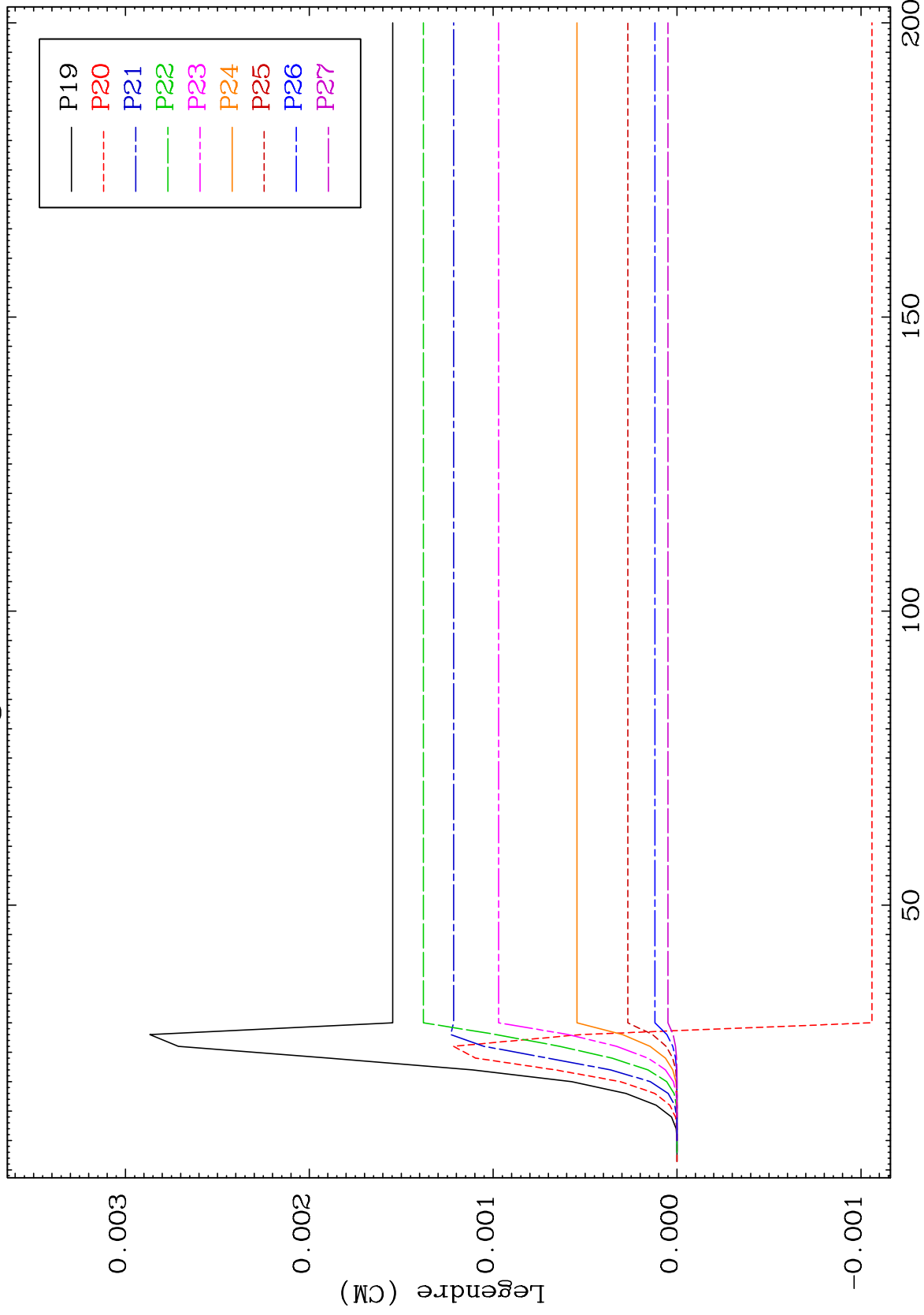
Incident Energy (MeV)

89

MAT 7907

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

79-Au-191



90

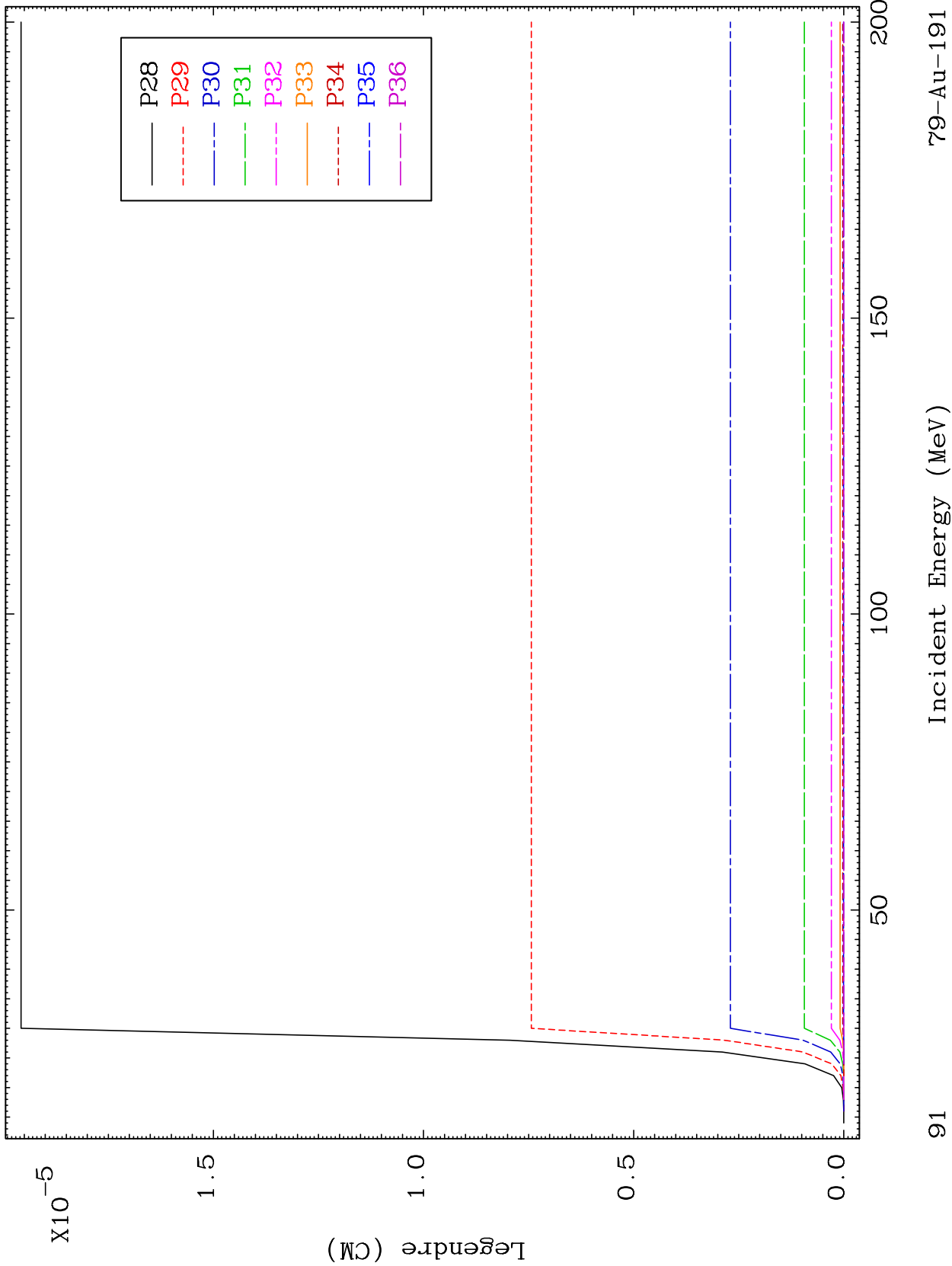
Incident Energy (MeV)

79-Au-191

MAT 7907

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

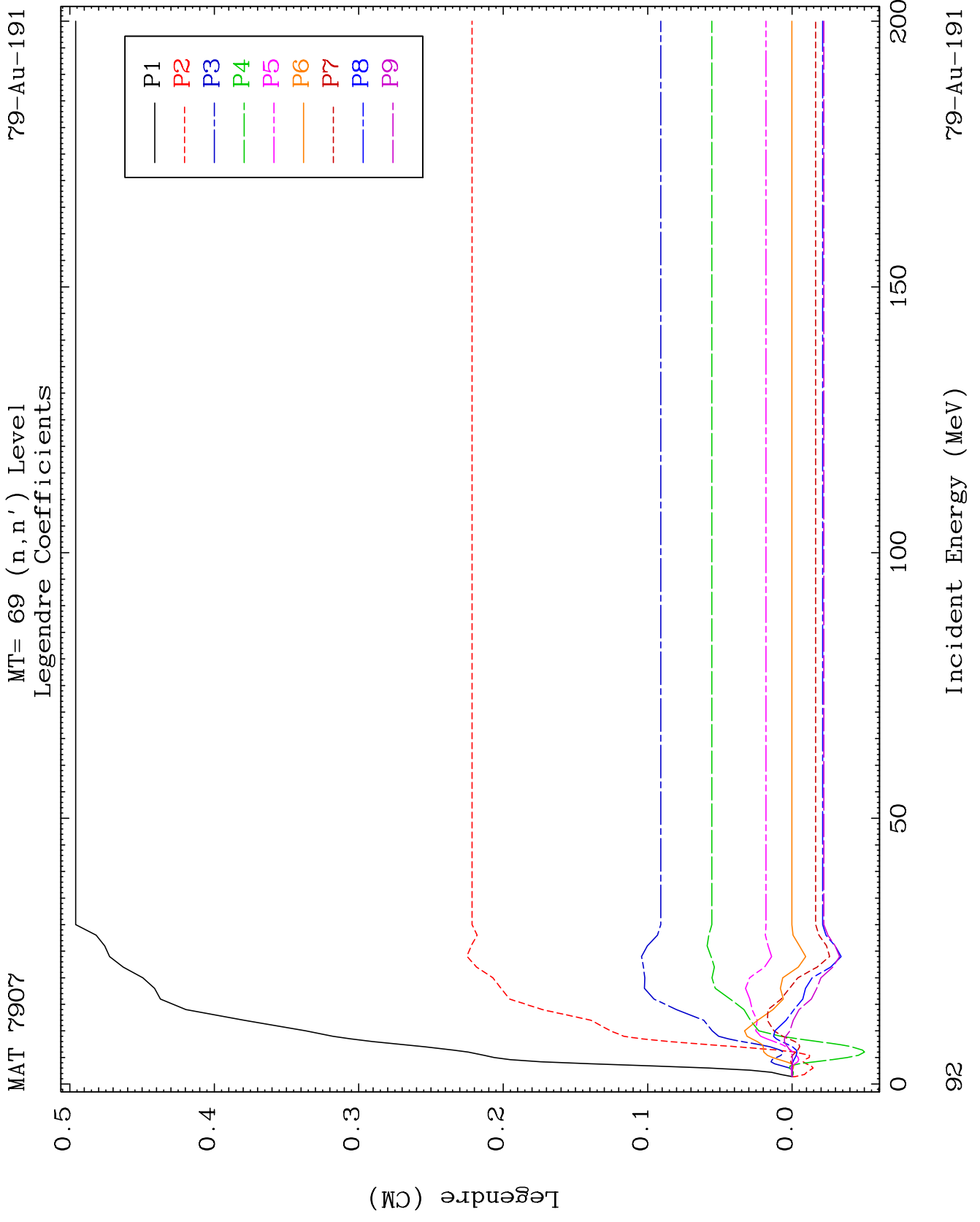
79-Au-191



91

Incident Energy (MeV)

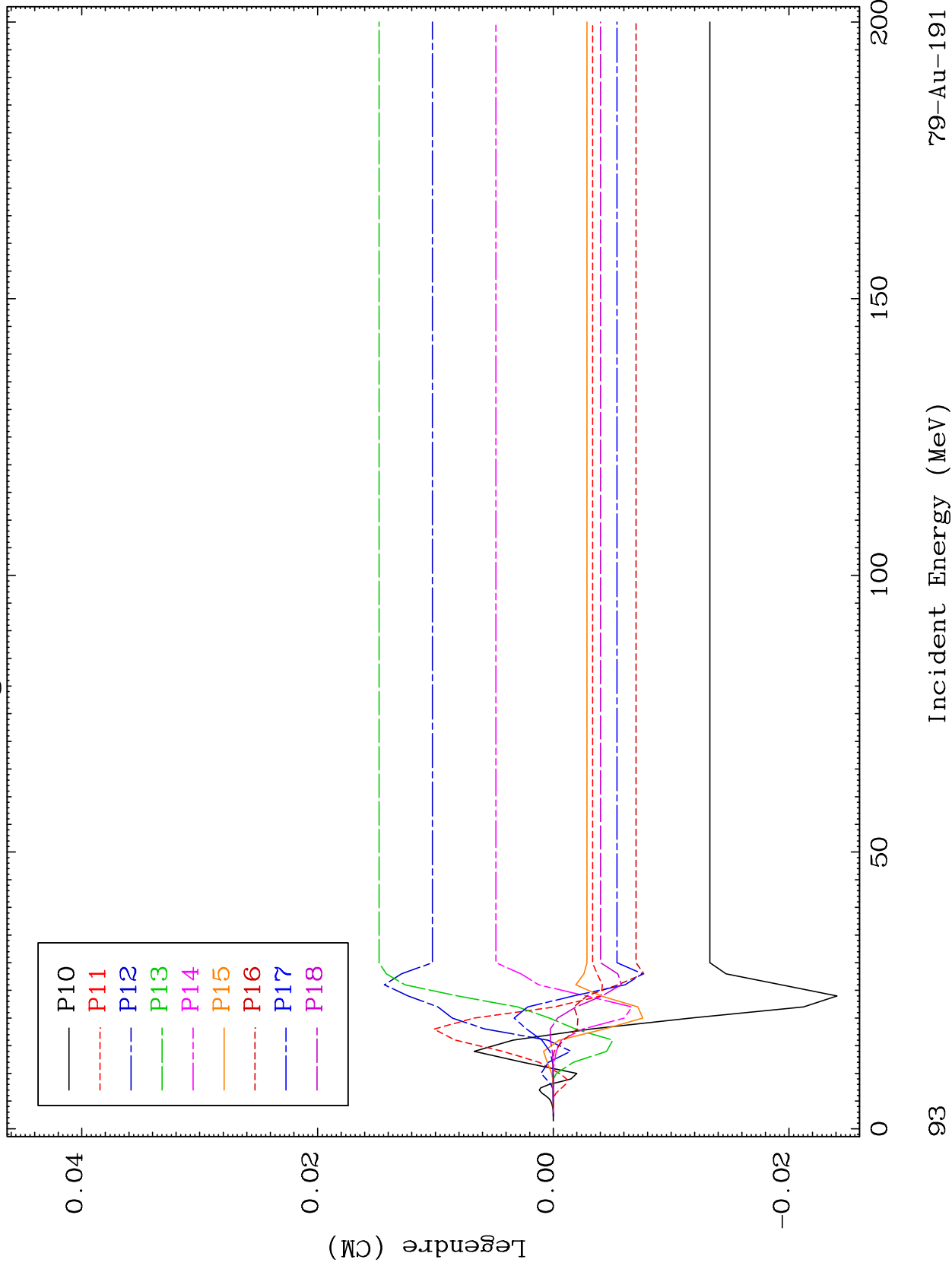
79-Au-191



MAT 7907

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

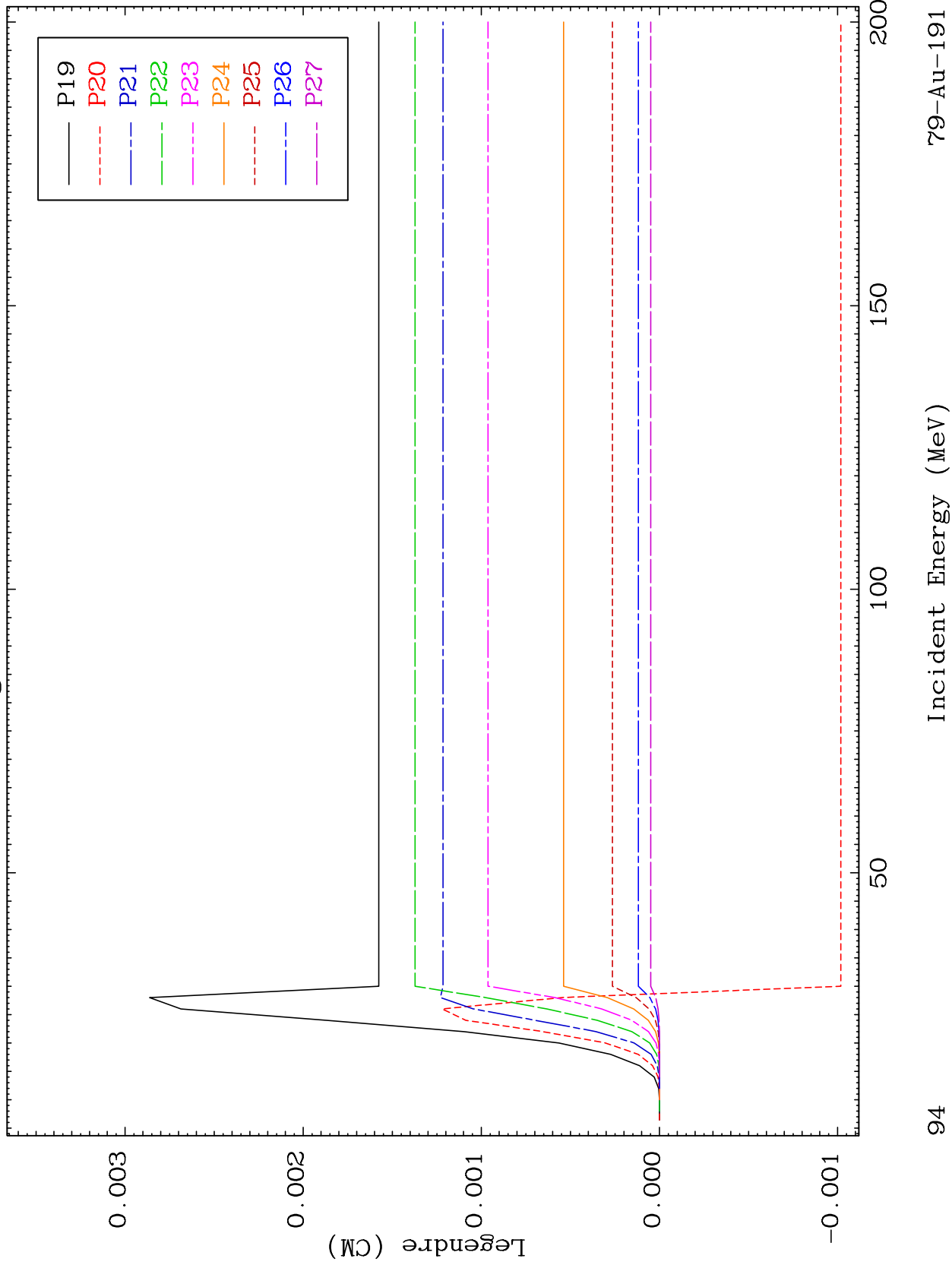
79-Au-191



MAT 7907

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

79-Au-191



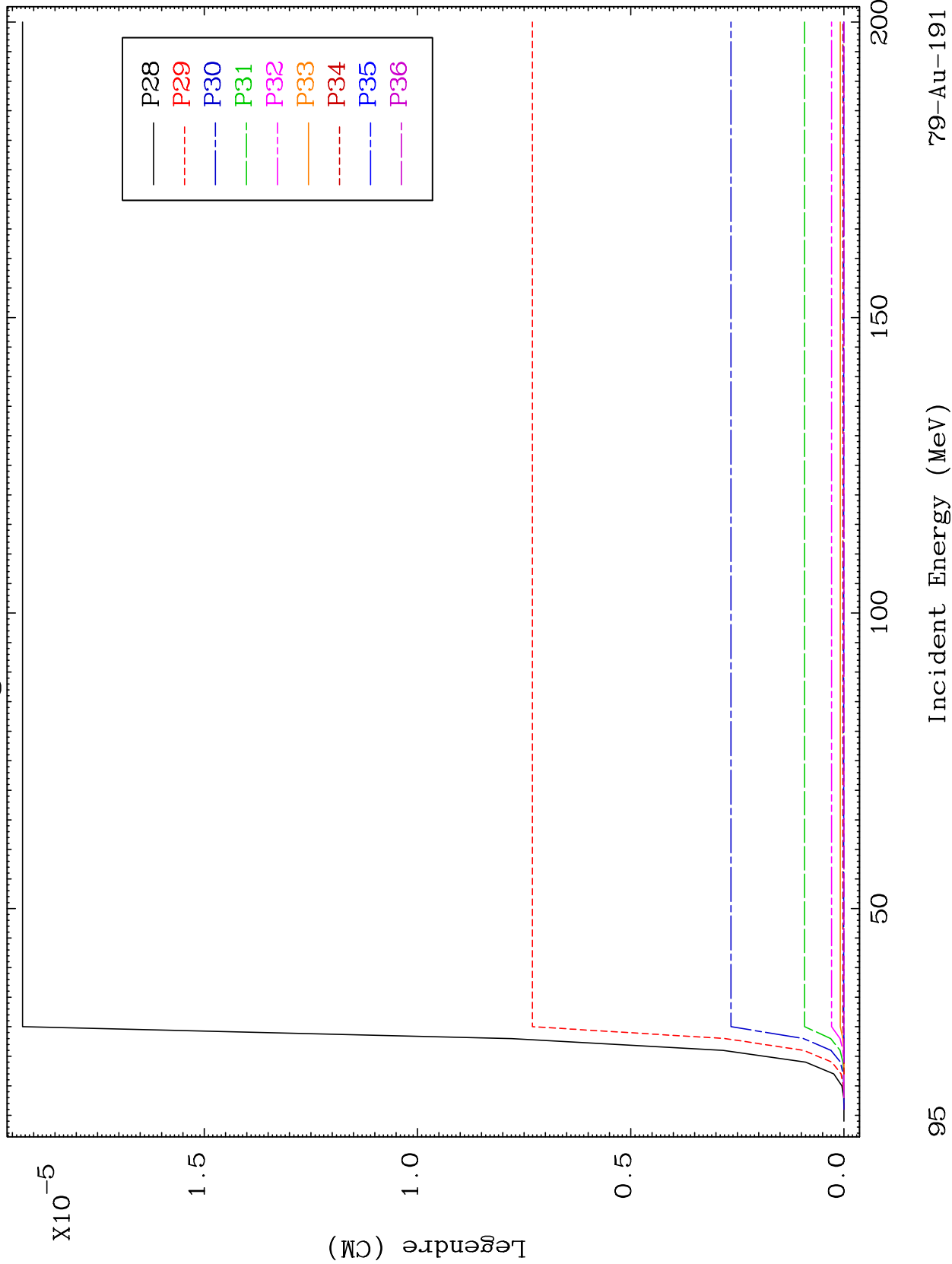
94

79-Au-191

MAT 7907

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

79-Au-191

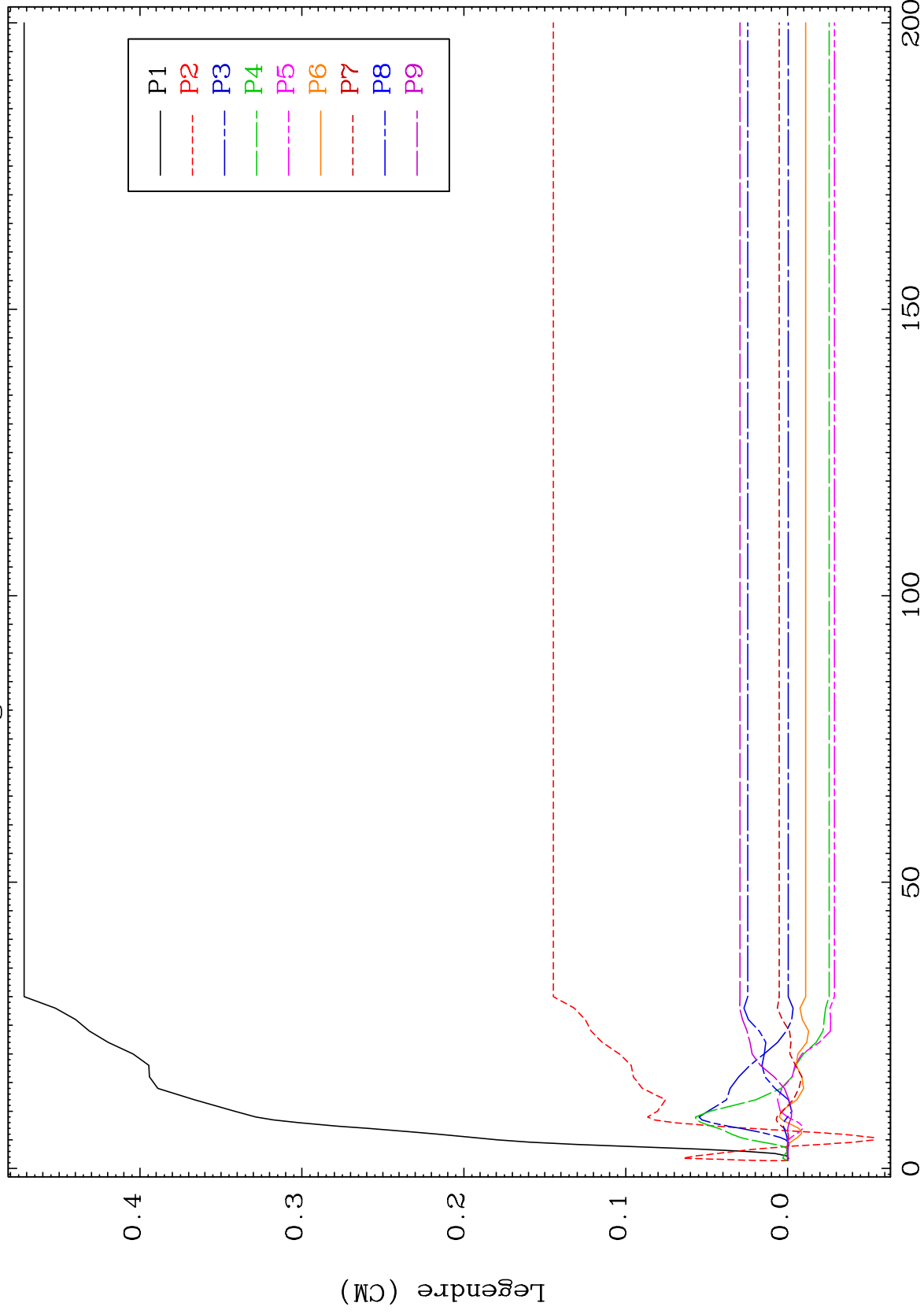




MAT 7907

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

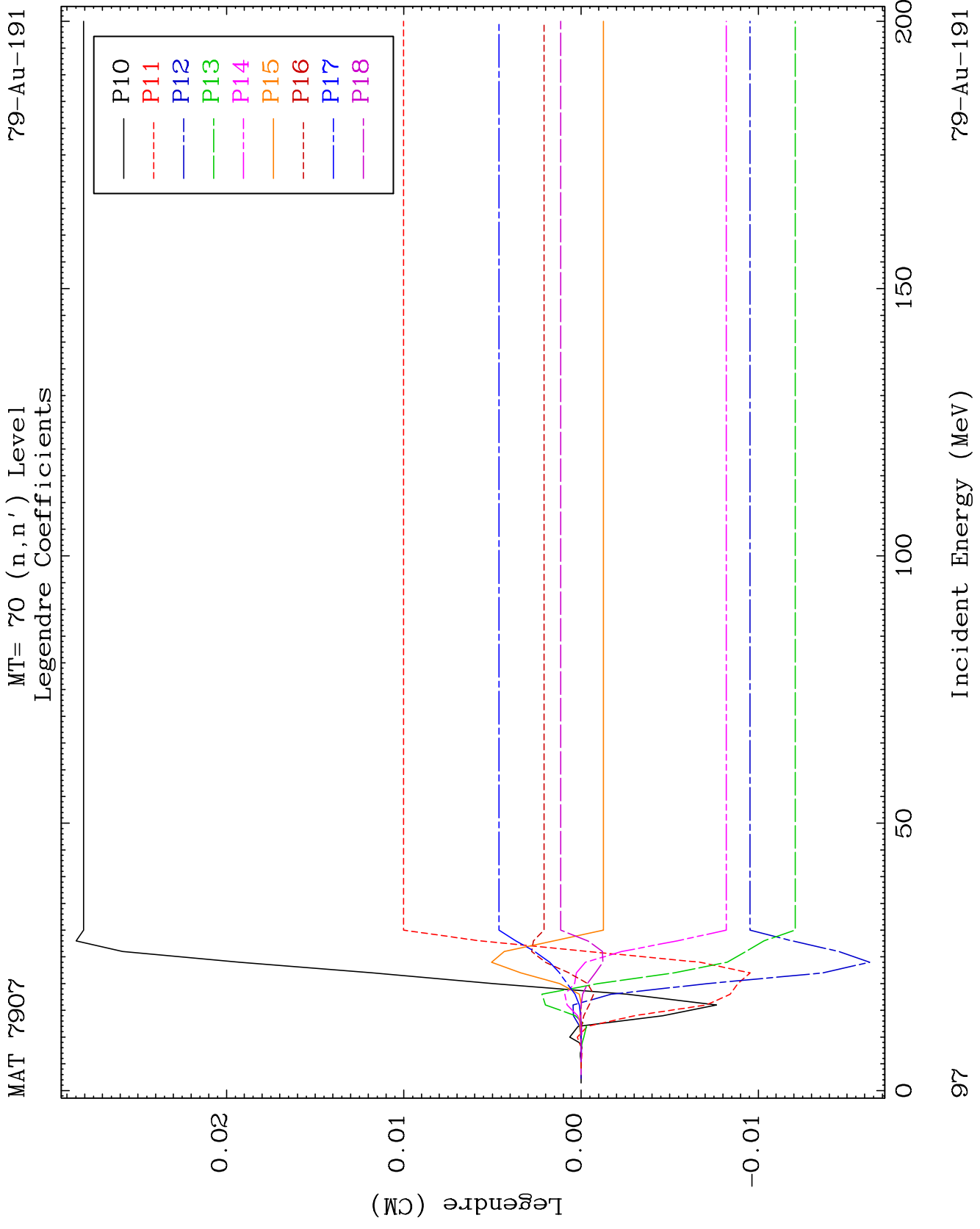
79-Au-191



96

Incident Energy (MeV)

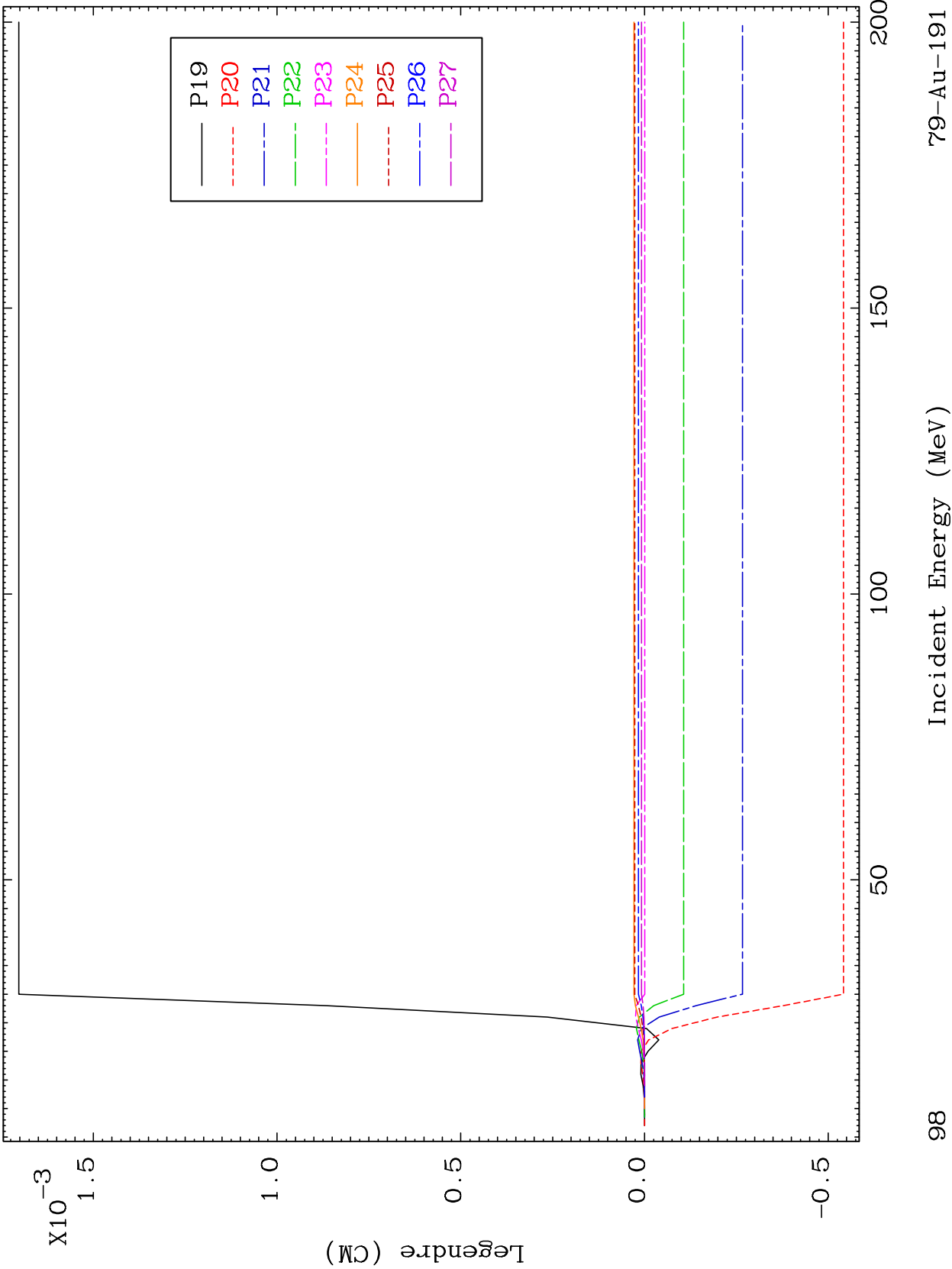
79-Au-191



MAT 7907

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

79-Au-191



98

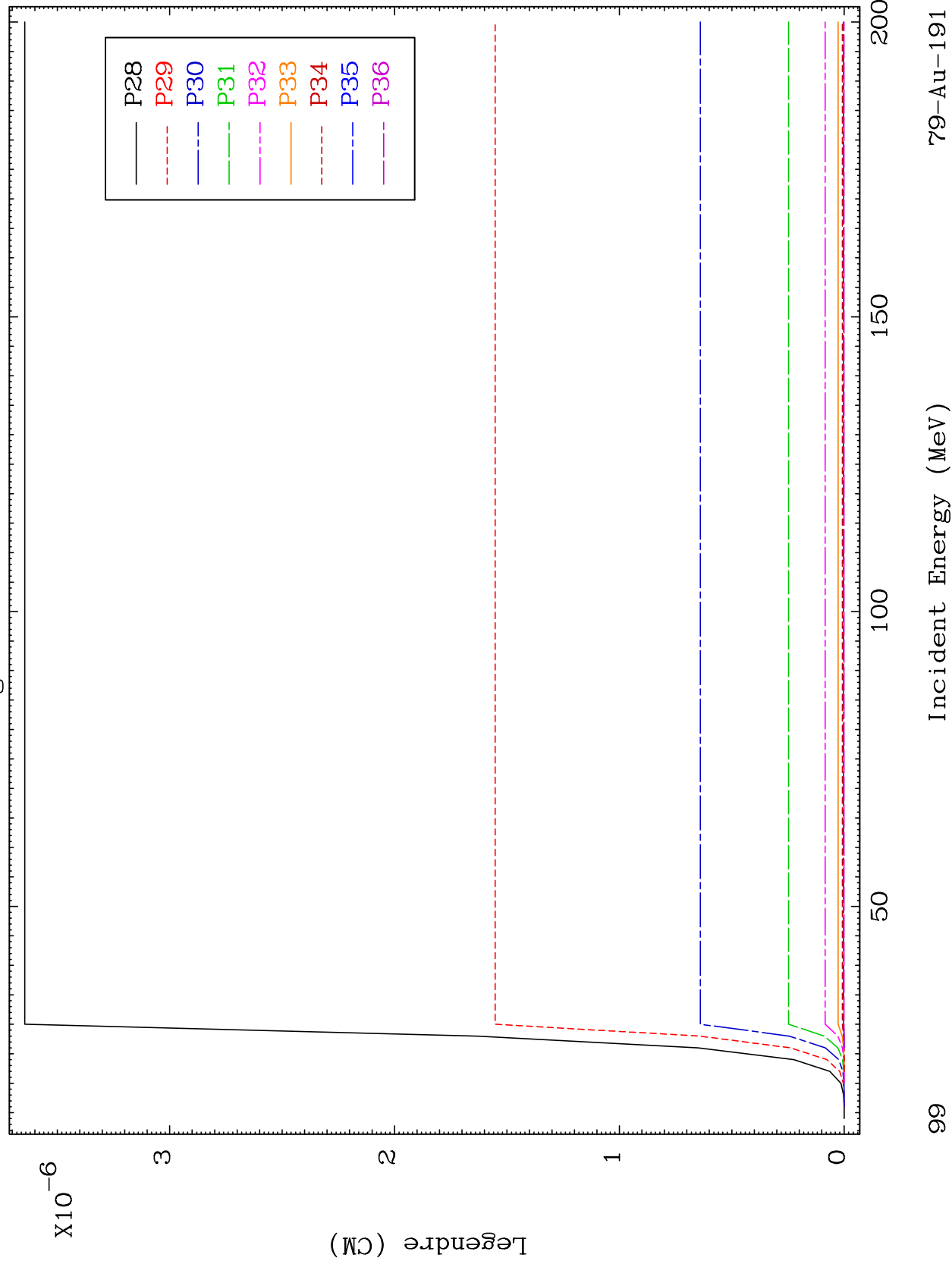
Incident Energy (MeV)

79-Au-191

MAT 7907

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

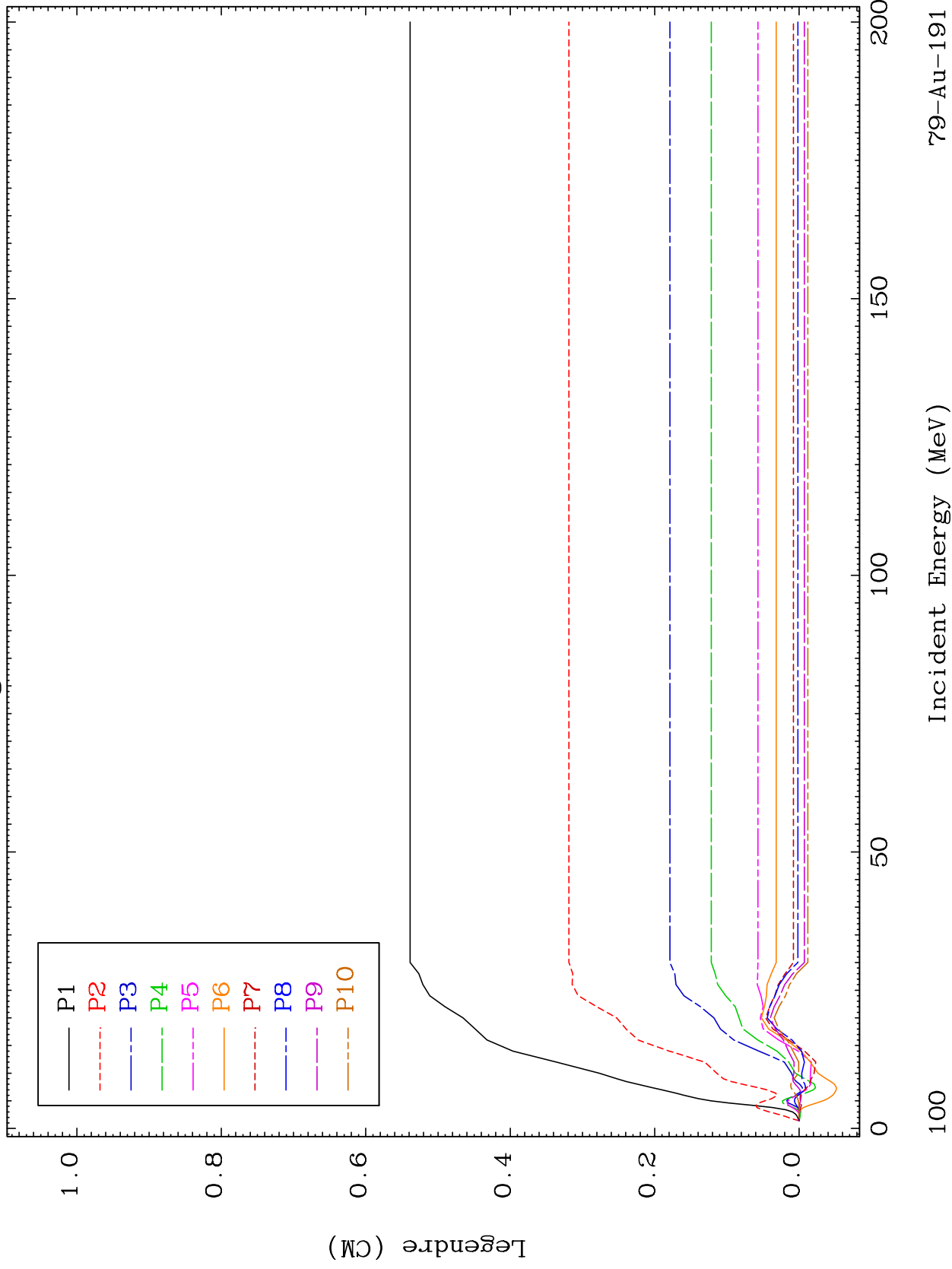
79-Au-191



MAT 7907

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

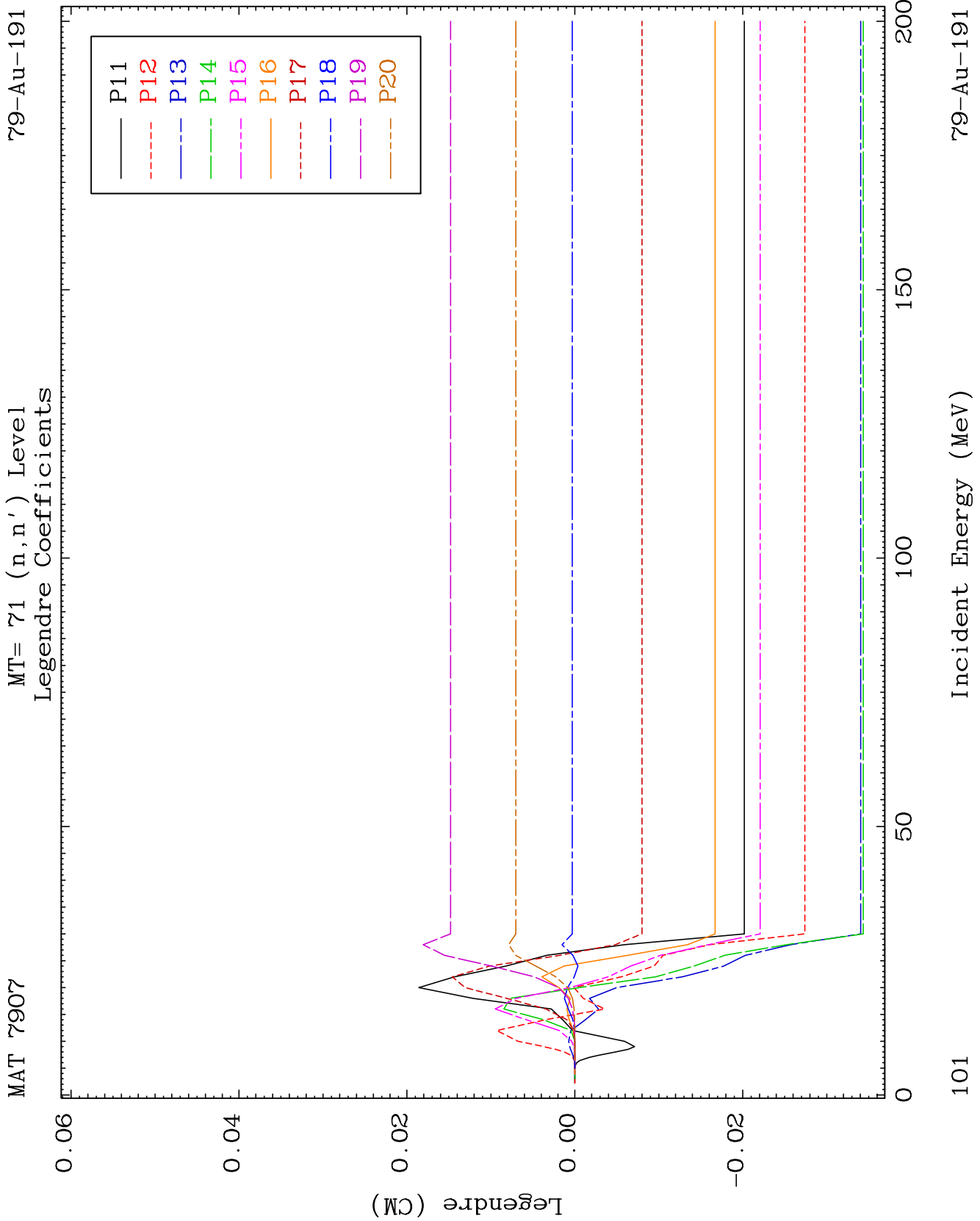
79-Au-191



79-Au-191

Incident Energy (MeV)

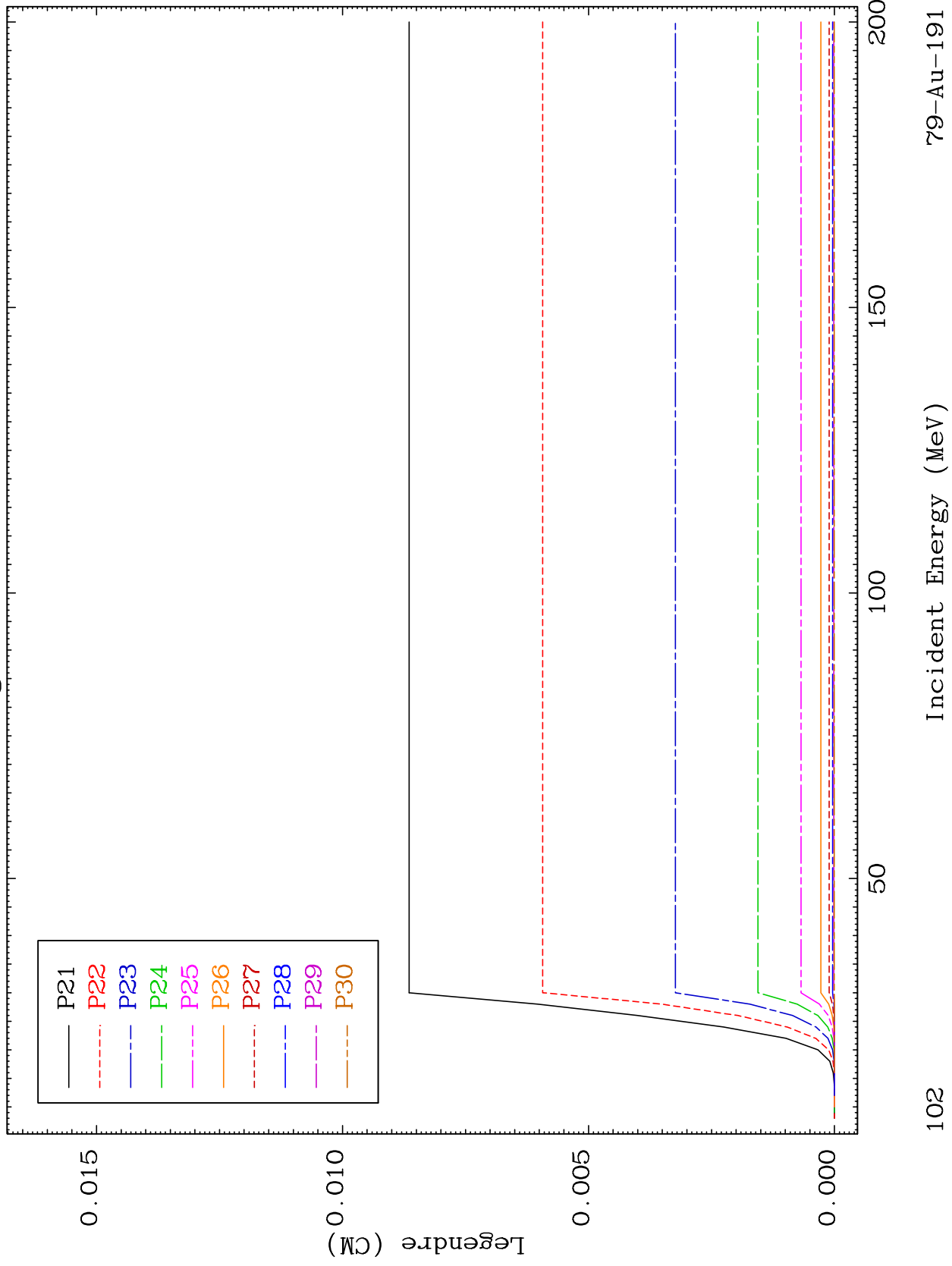
Legendre (CM)



MAT 7907

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

79-Au-191



102

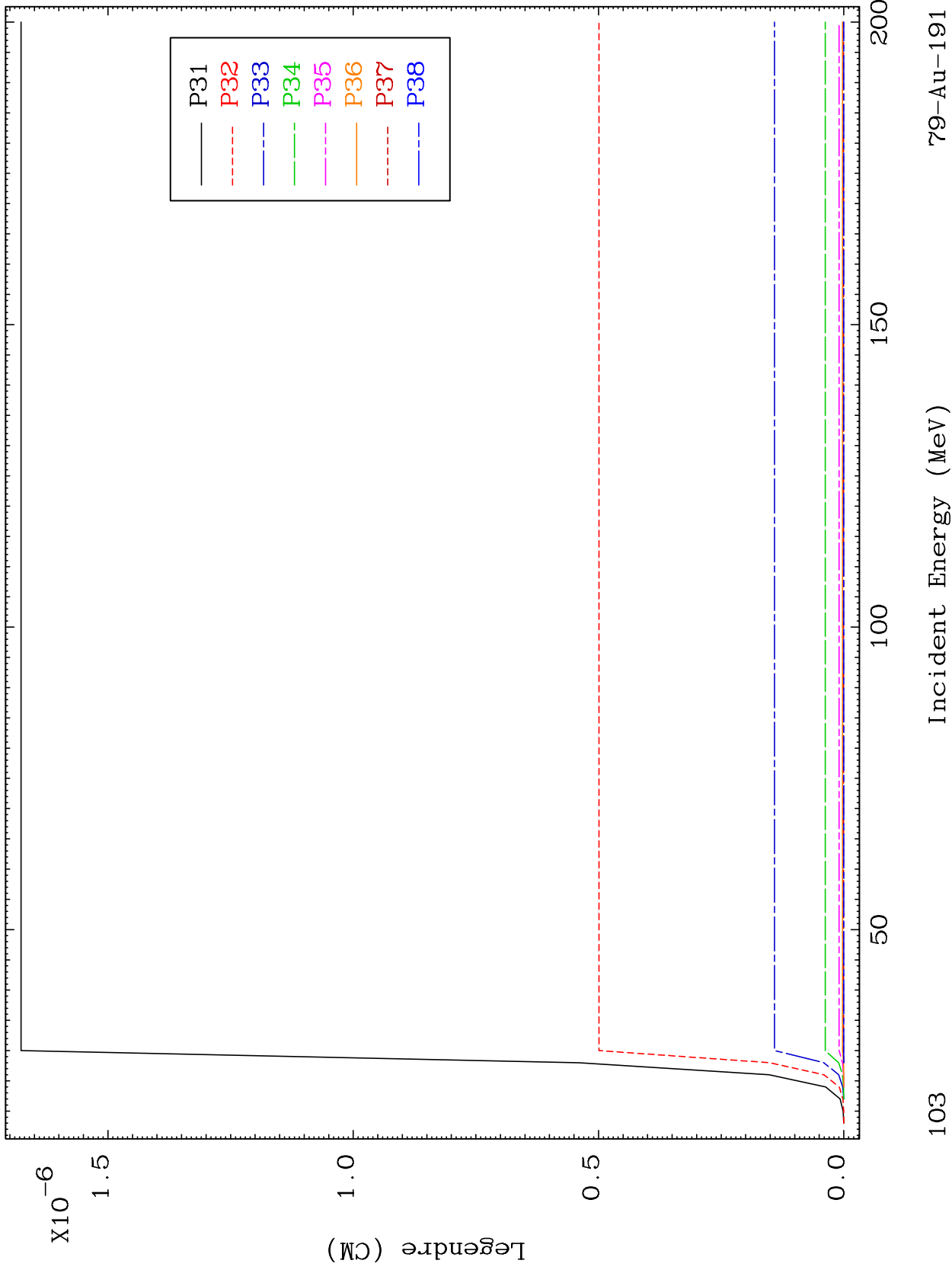
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



103

Incident Energy (MeV)

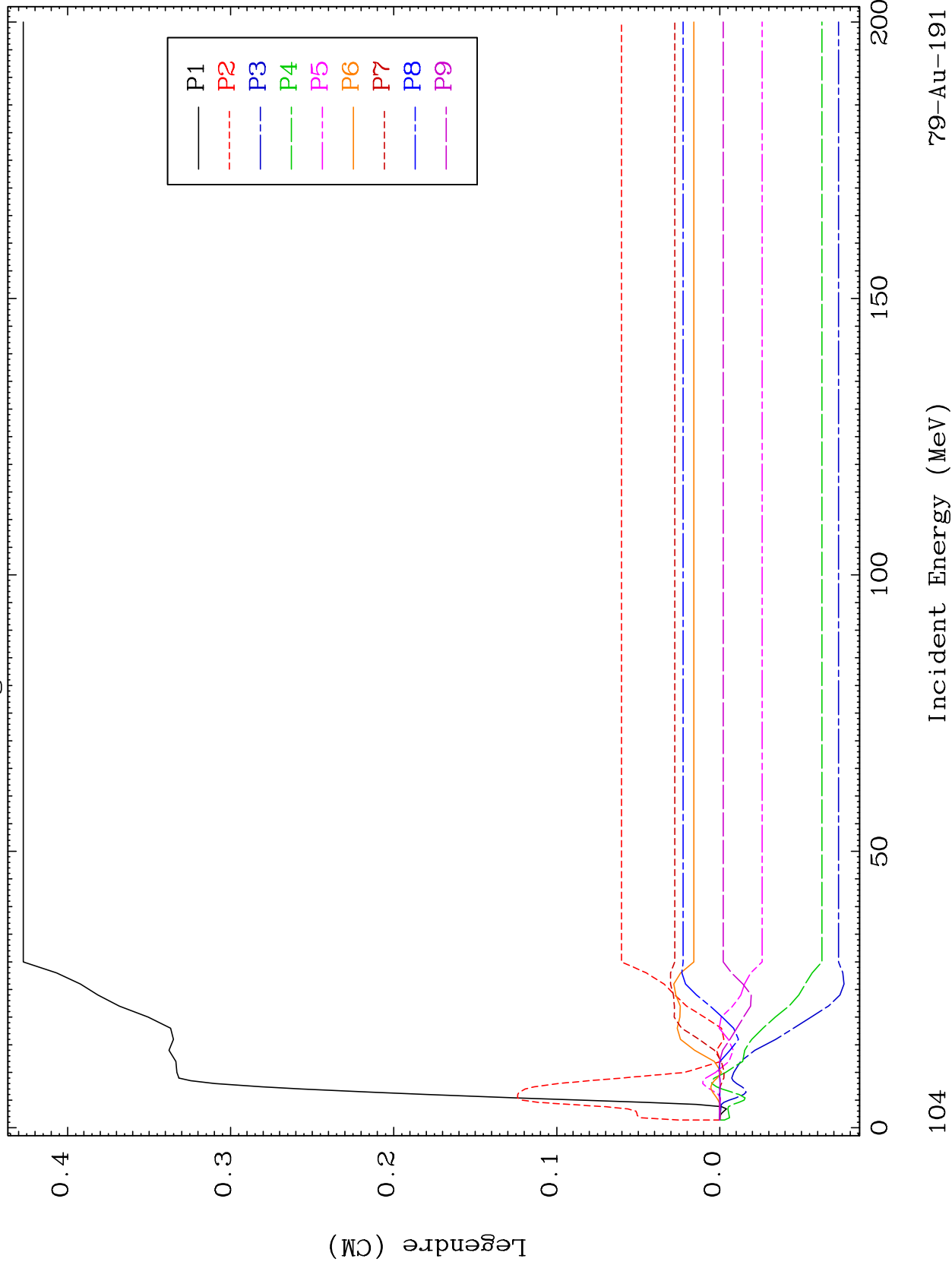
79-Au-191



MAT 7907

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

79-Au-191



104

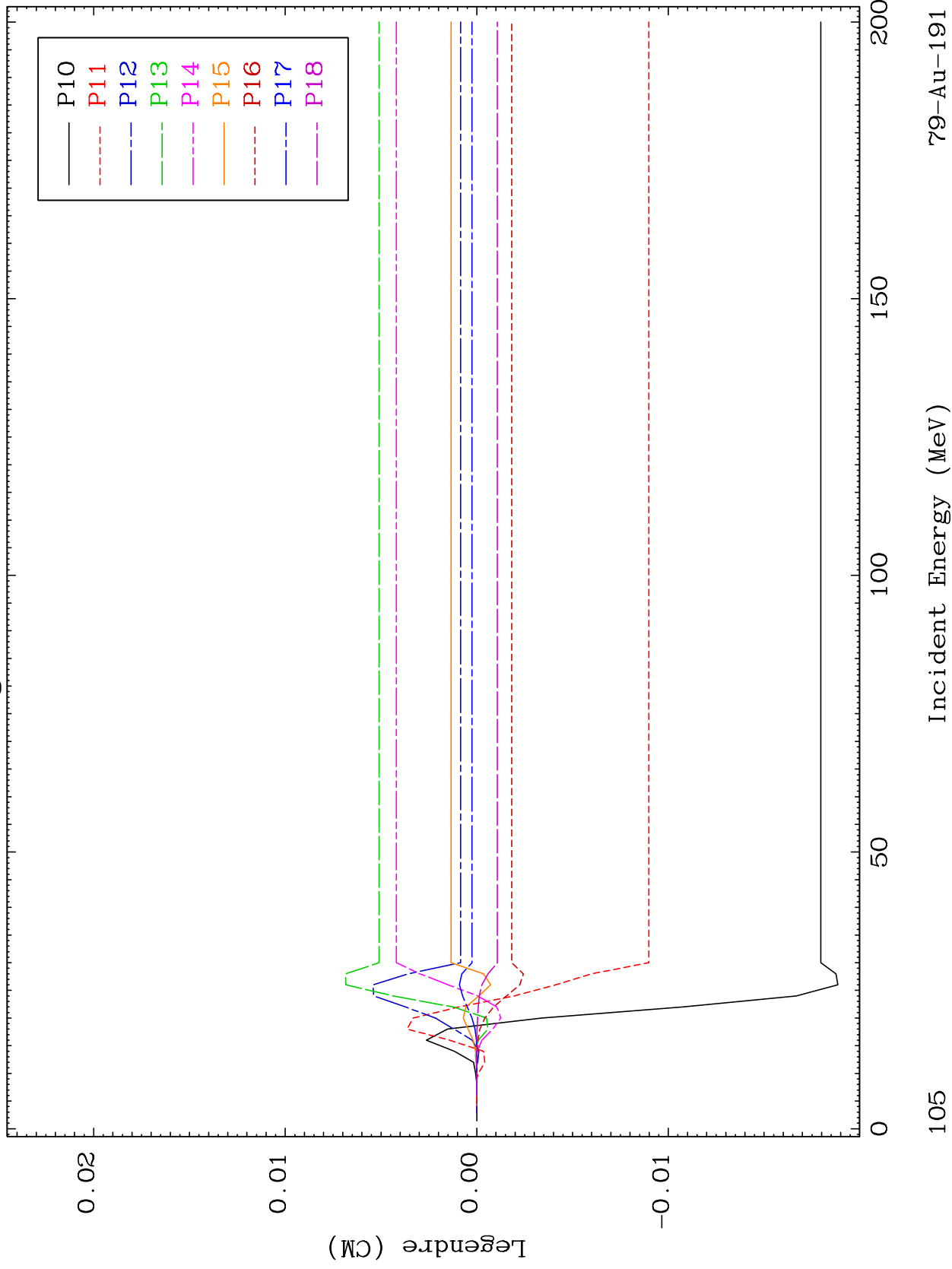
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



79-Au-191

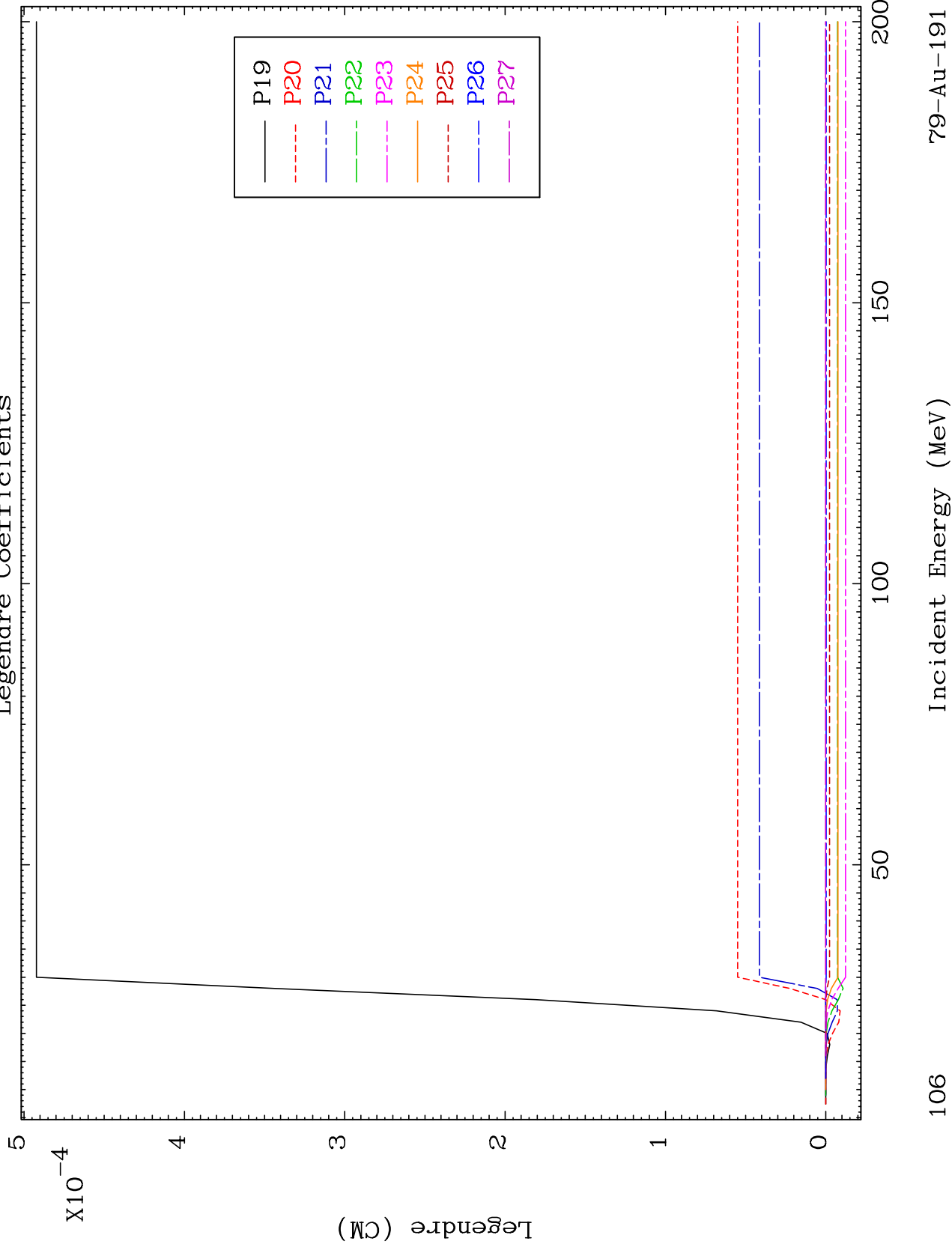
Incident Energy (MeV)

105

MAT 7907

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

79-Au-191



106

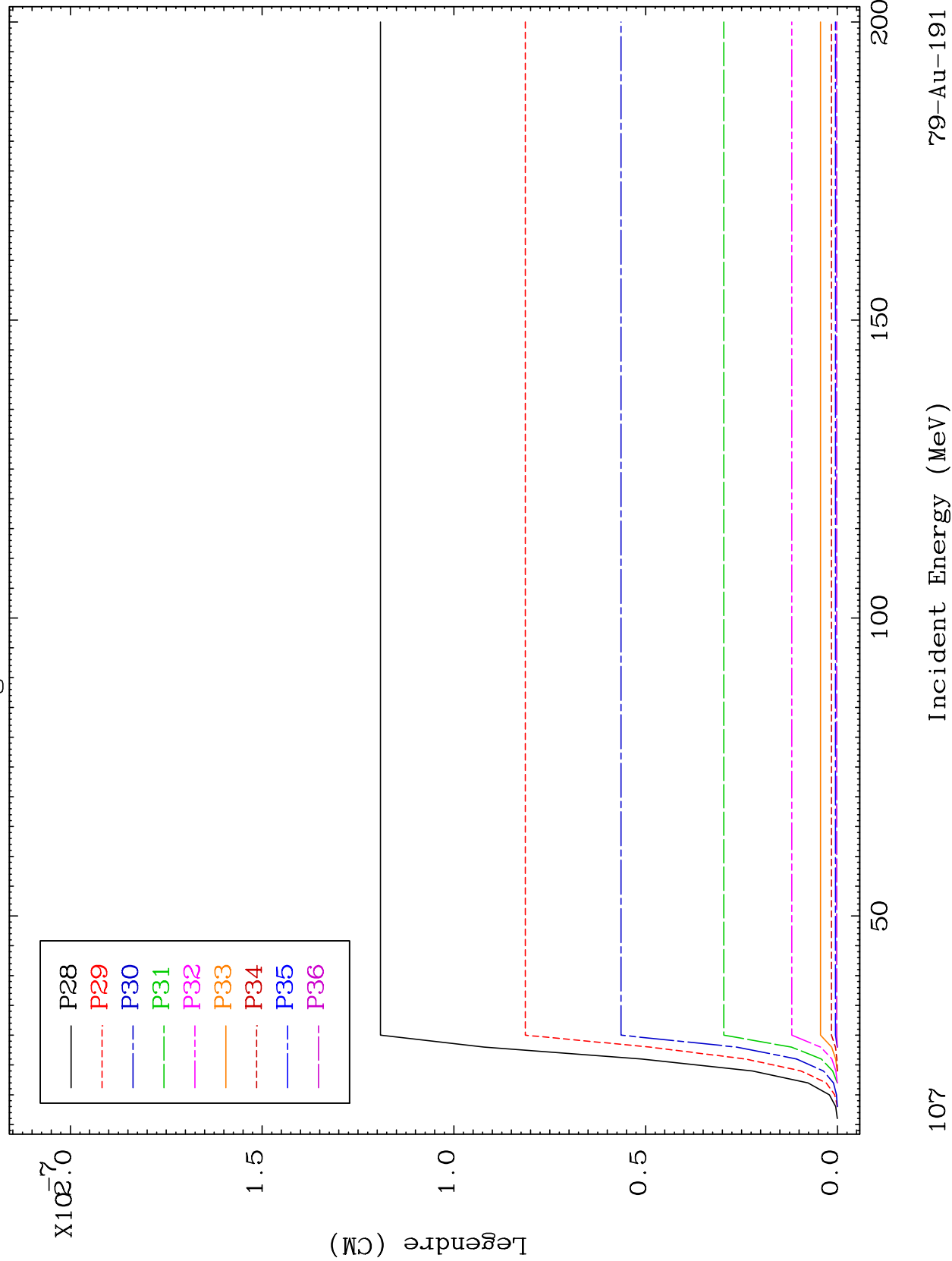
Incident Energy (MeV)

79-Au-191

MAT 7907

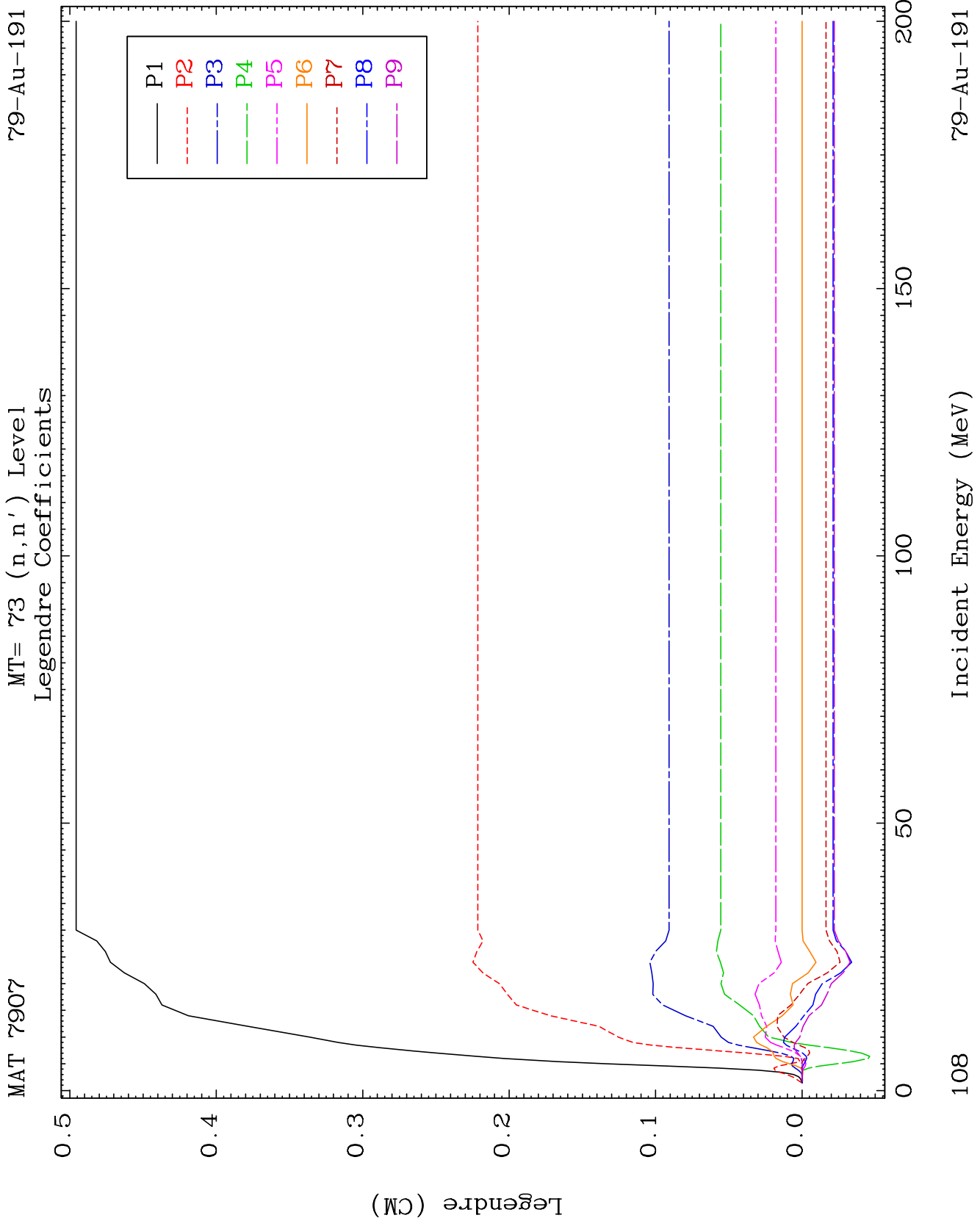
MT= 72 (n,n') Level  
Legendre Coefficients

79-Au-191



107

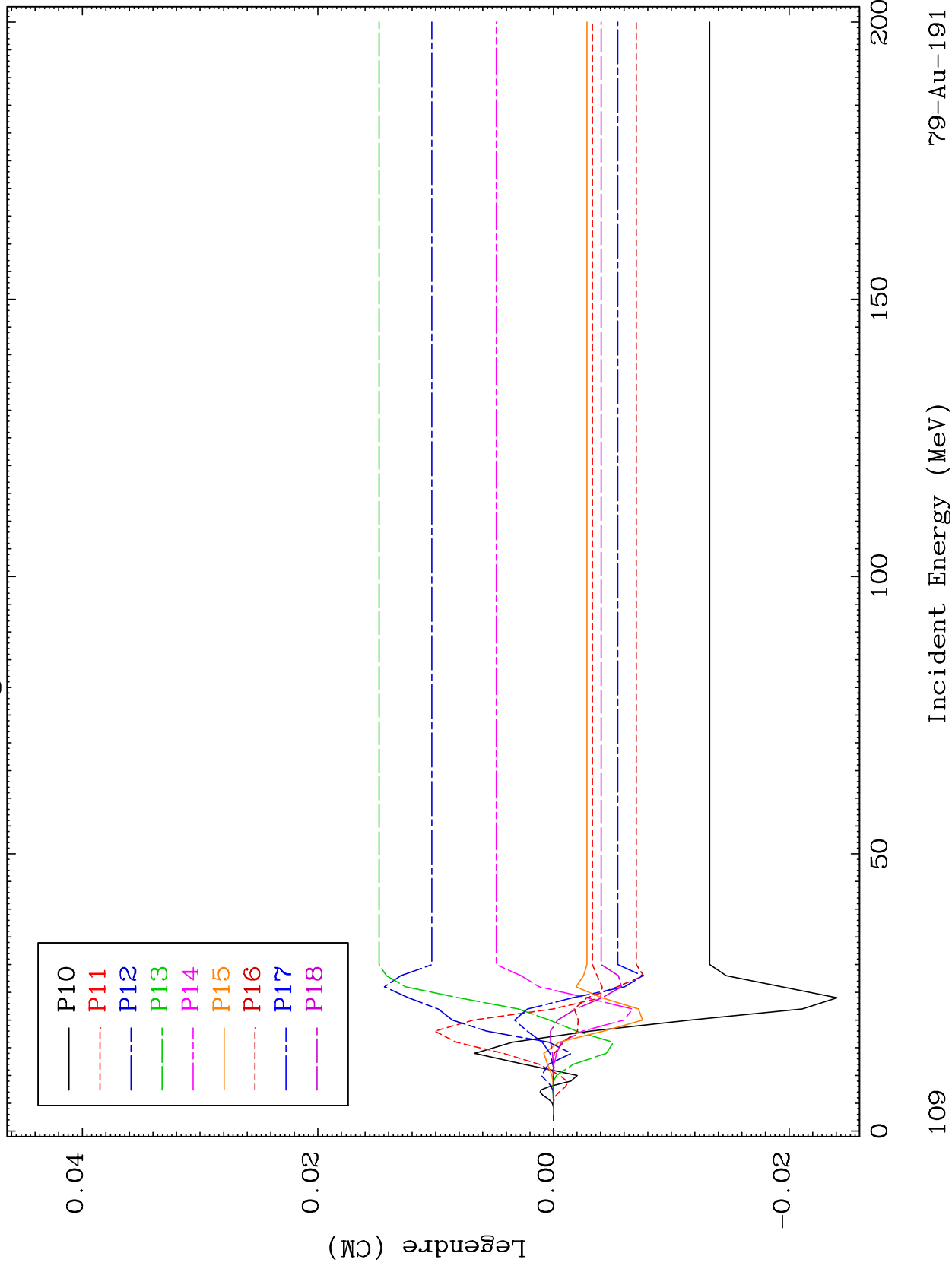
79-Au-191



MAT 7907

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

79-Au-191



79-Au-191

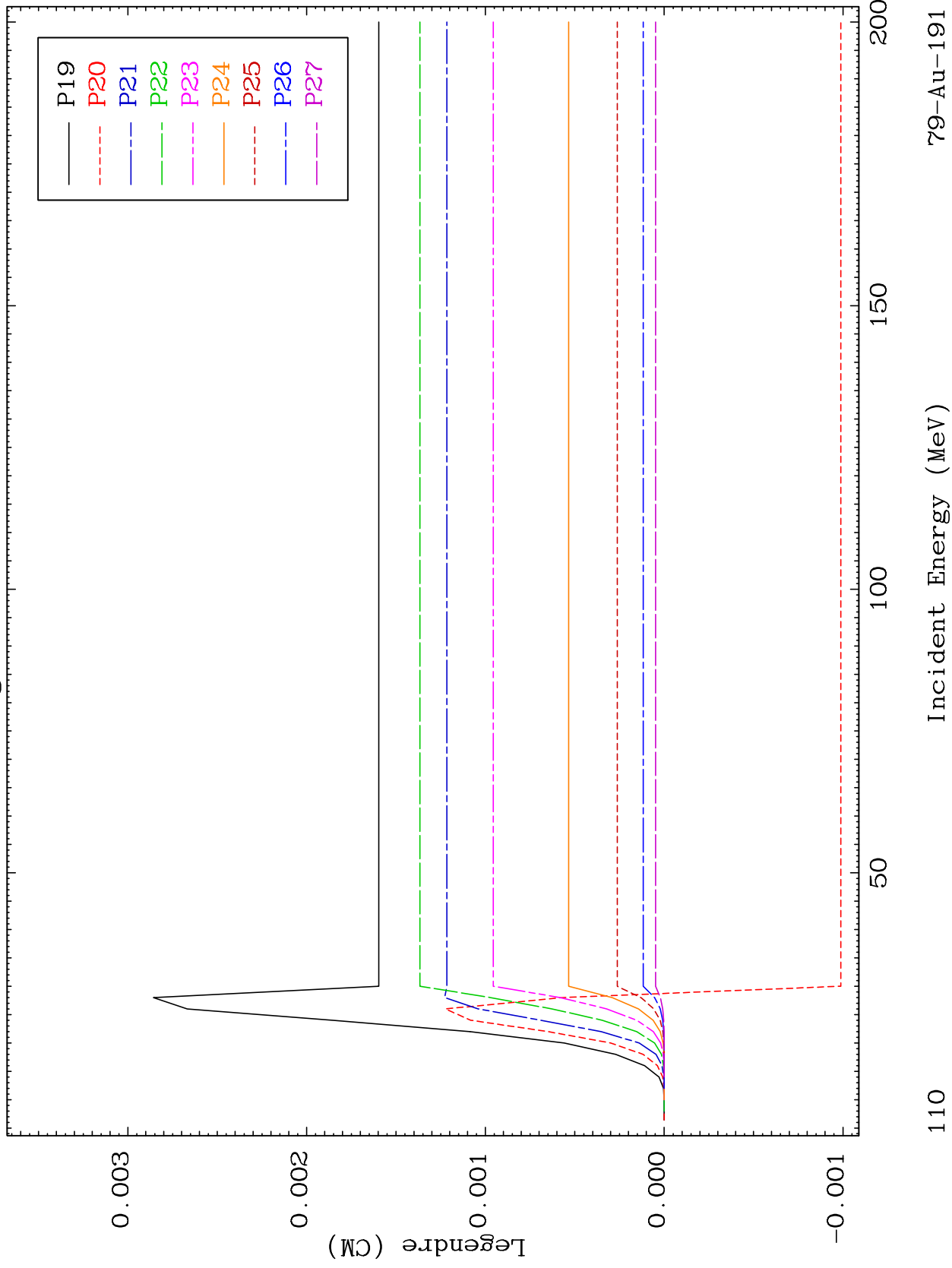
Incident Energy (MeV)

109

MAT 7907

79-Au-191

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



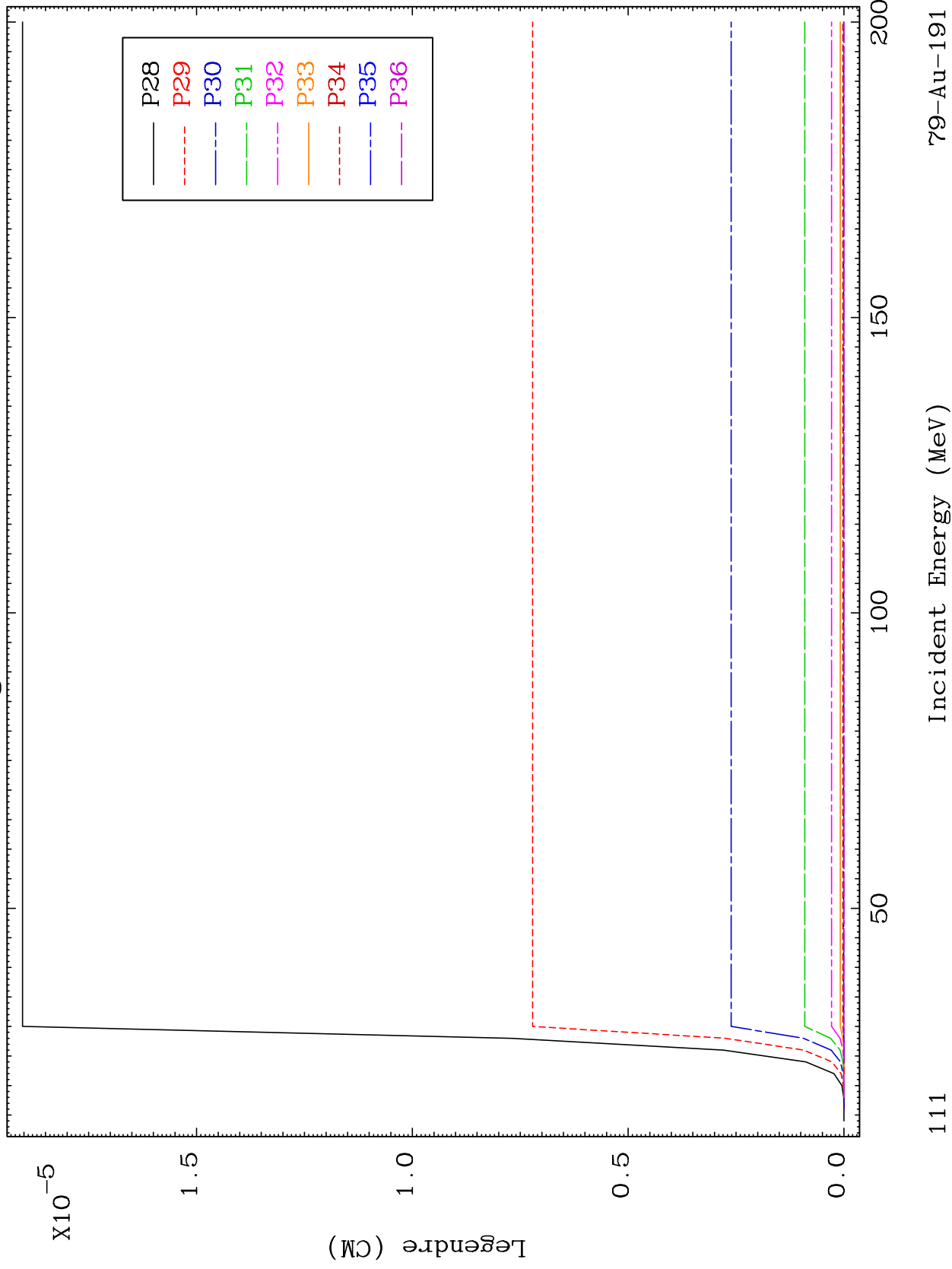
110

79-Au-191

MAT 7907

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

79-Au-191



111

Incident Energy (MeV)

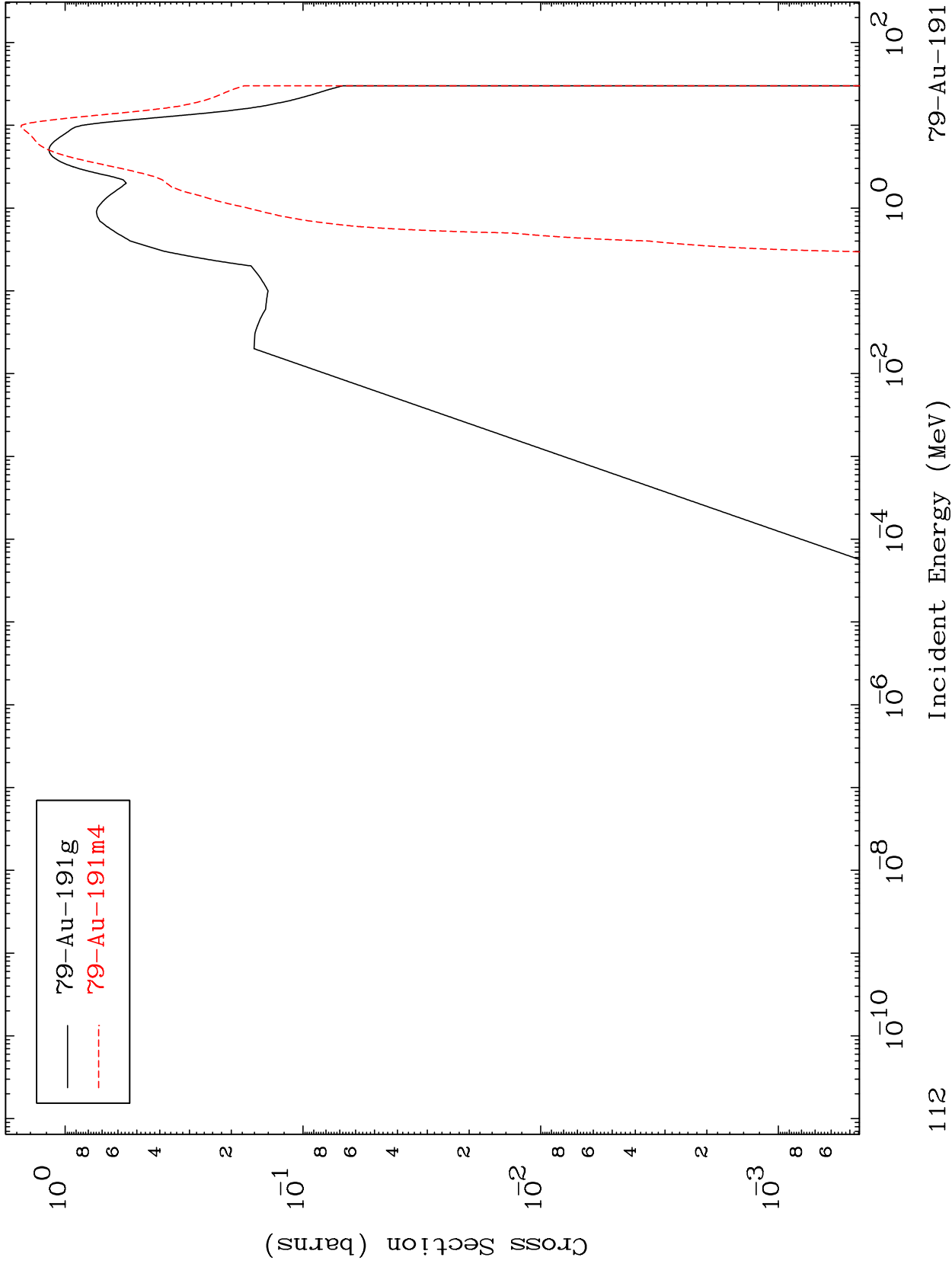
79-Au-191



MAT 7907

Inelastic  
Radionuclide Production Cross Section

79-Au-191

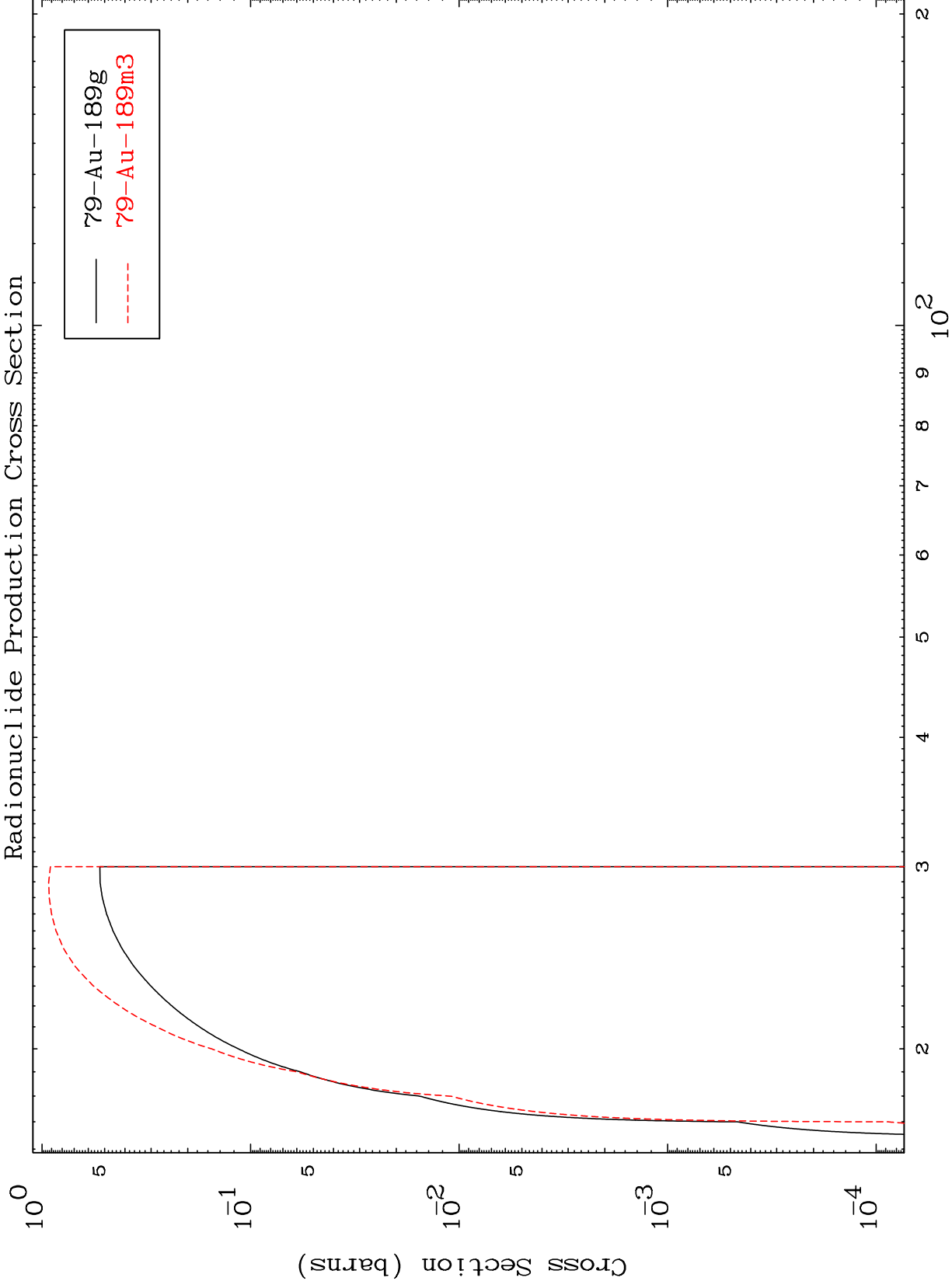


79-Au-191

MAT 7907

79-Au-191

(n,3n)  
Radionuclide Production Cross Section



113

Incident Energy (MeV)

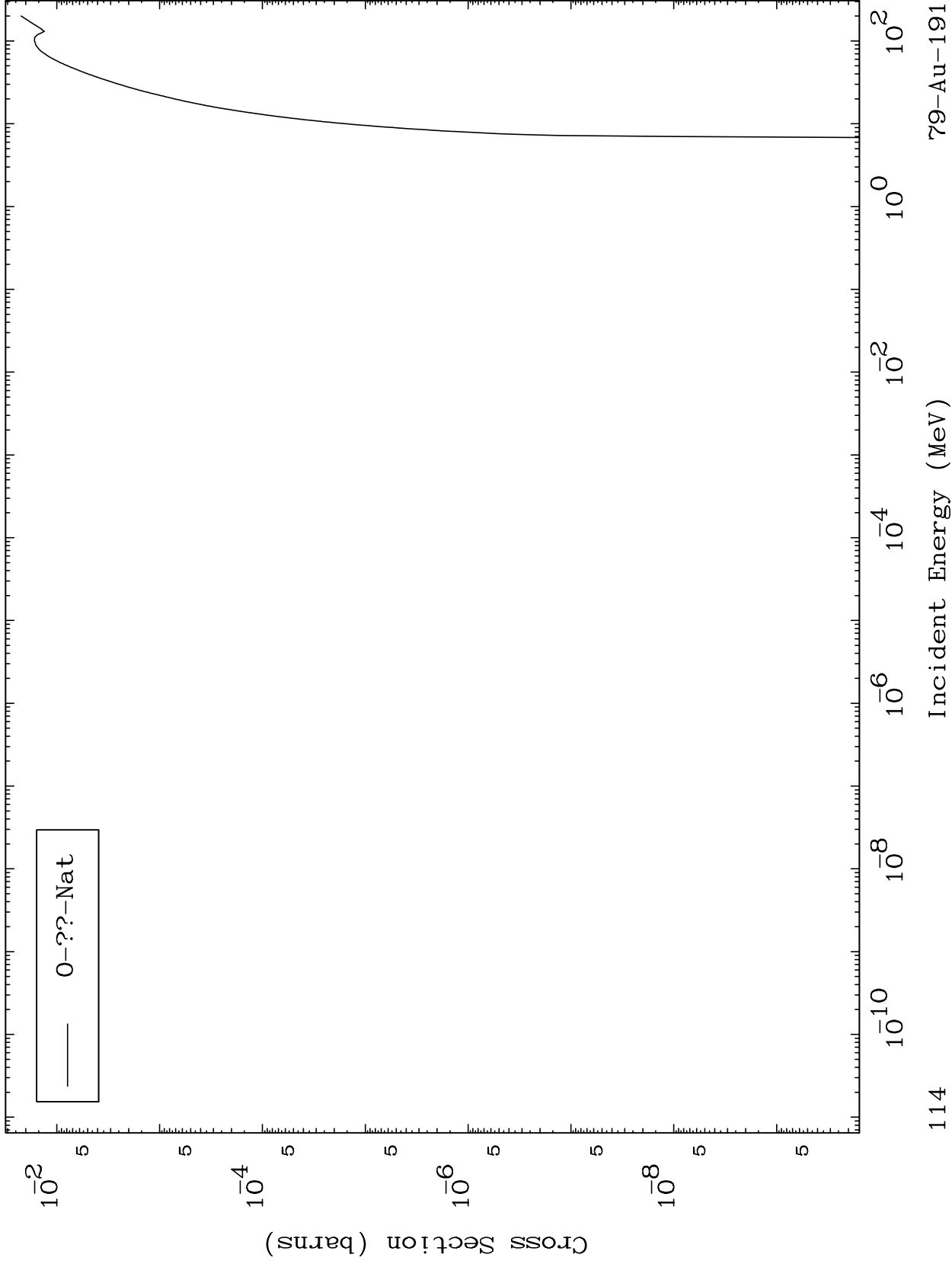
79-Au-191

MAT 7907

Fission

<sup>79</sup>Au-191

Radionuclide Production Cross Section



114

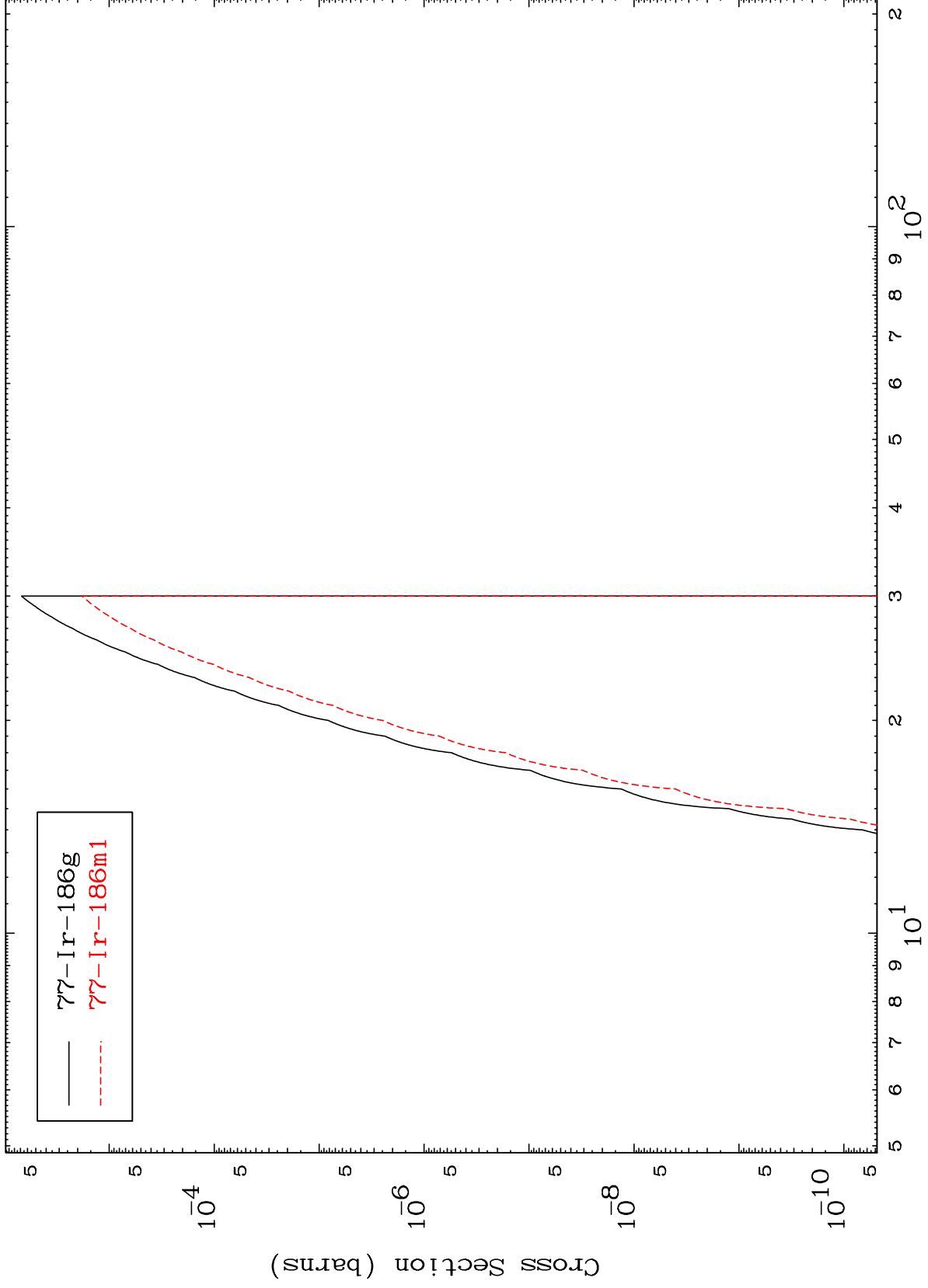
<sup>79</sup>Au-191

MAT 7907

$^{79}\text{Au}$   $\alpha$

$^{79}\text{Au}$ -191

Radionuclide Production Cross Section



115

Incident Energy (MeV)

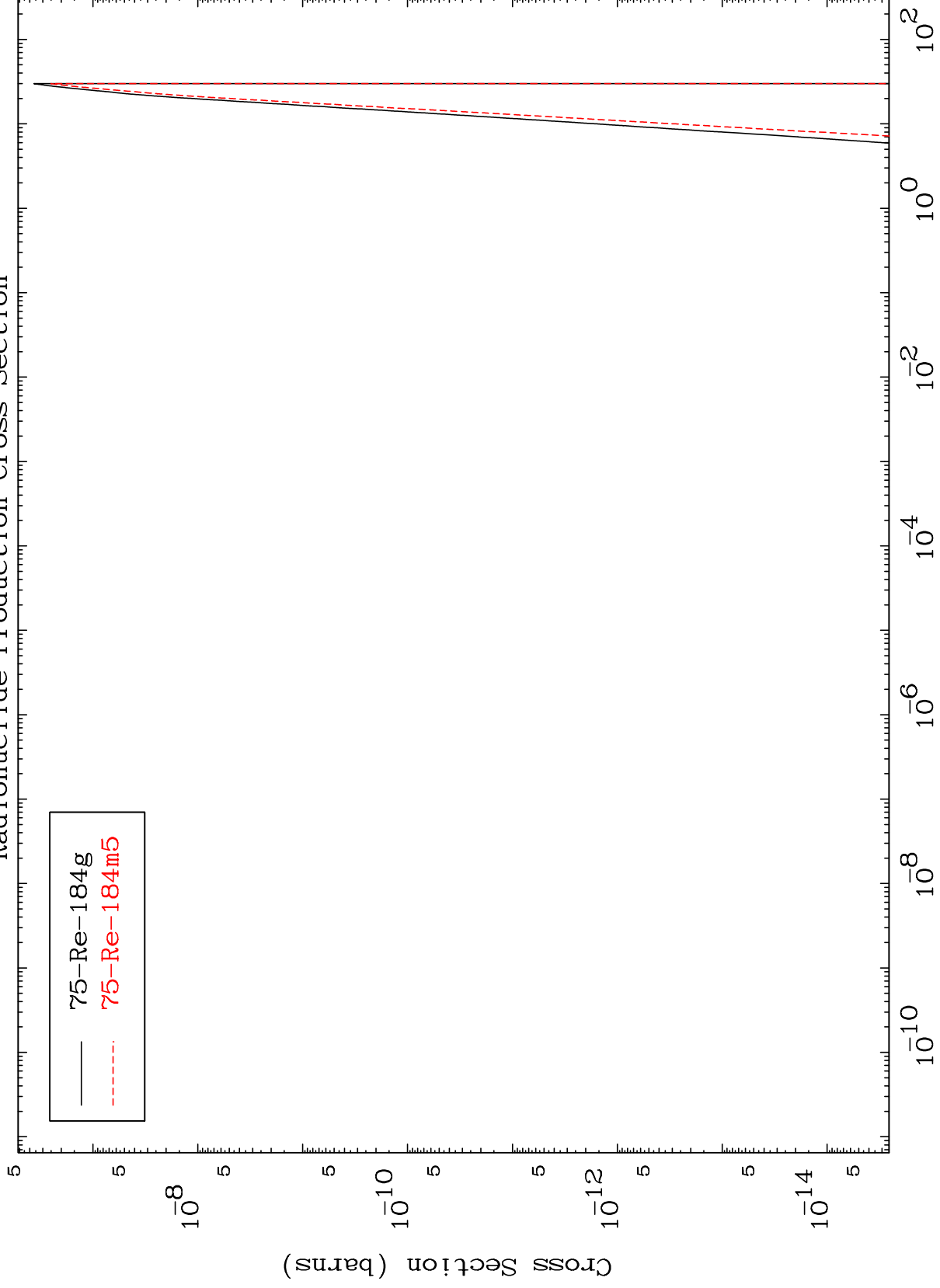
$^{79}\text{Au}$ -191

MAT 7907

(n,2α)

<sup>79</sup>Au-191

Radionuclide Production Cross Section

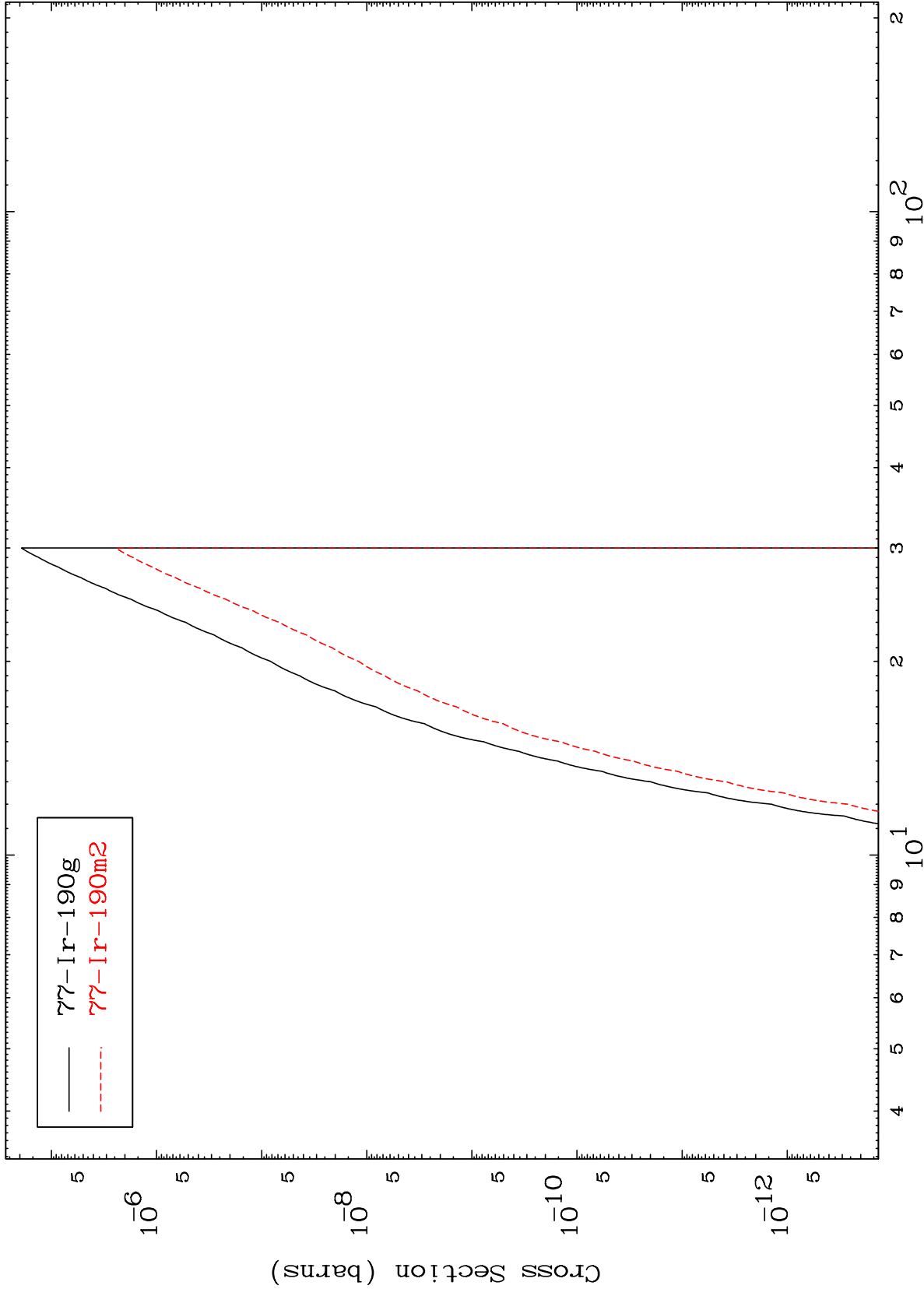


— 75-Re-184g  
- - - 75-Re-184m5

MAT 7907

79-Au-191

Radionuclide Production Cross Section  
(n,2p)



117

Incident Energy (MeV)

79-Au-191