

Program EVALPLOT  
(Version 2021-1)

by

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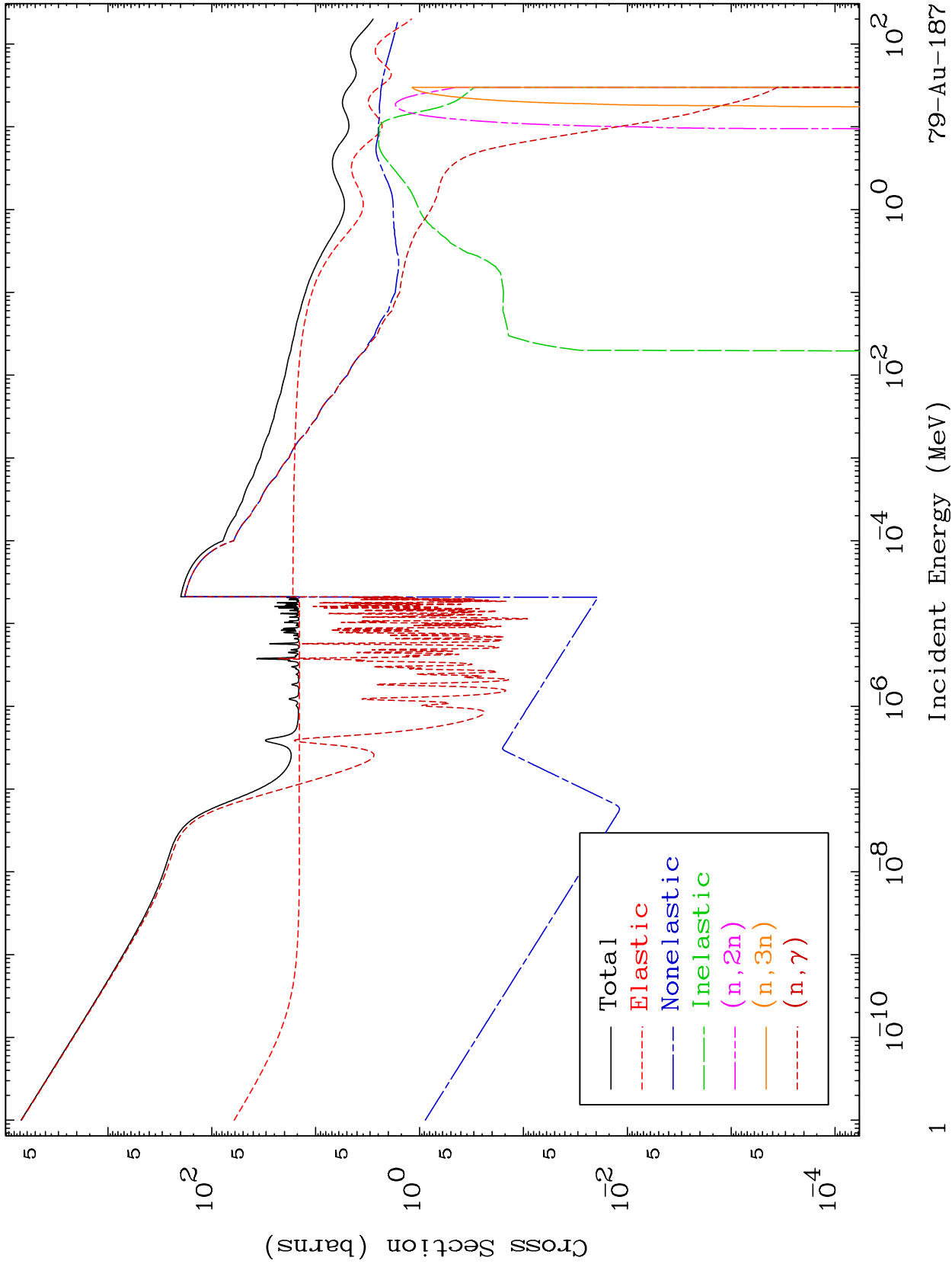
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Press Mouse Button to Start

MAT 7895

Neutron Major  
293 Kelvin Cross Sections

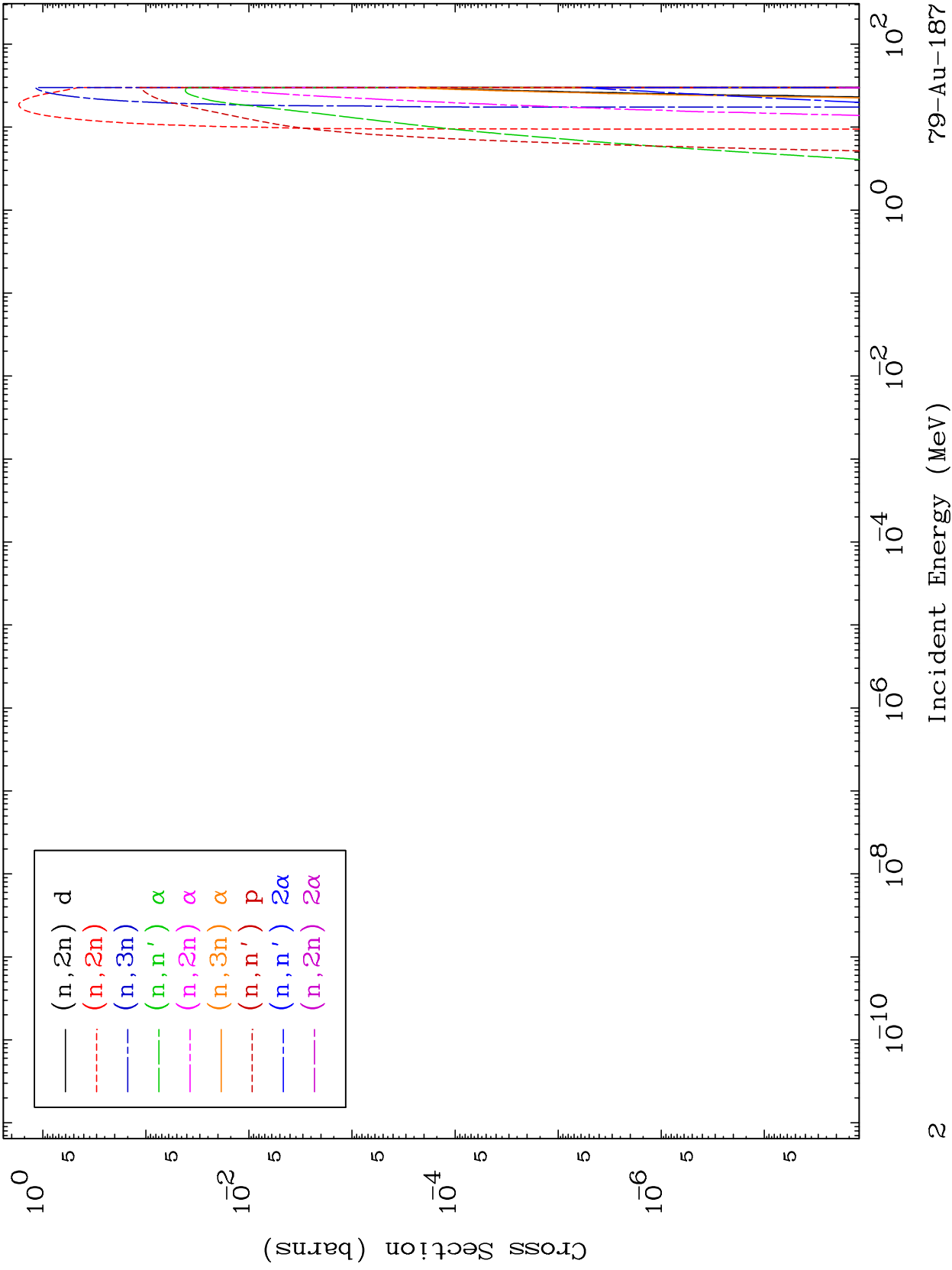
79-Au-187



MAT 7895

Neutron Absorption  
293 Kelvin Cross Sections

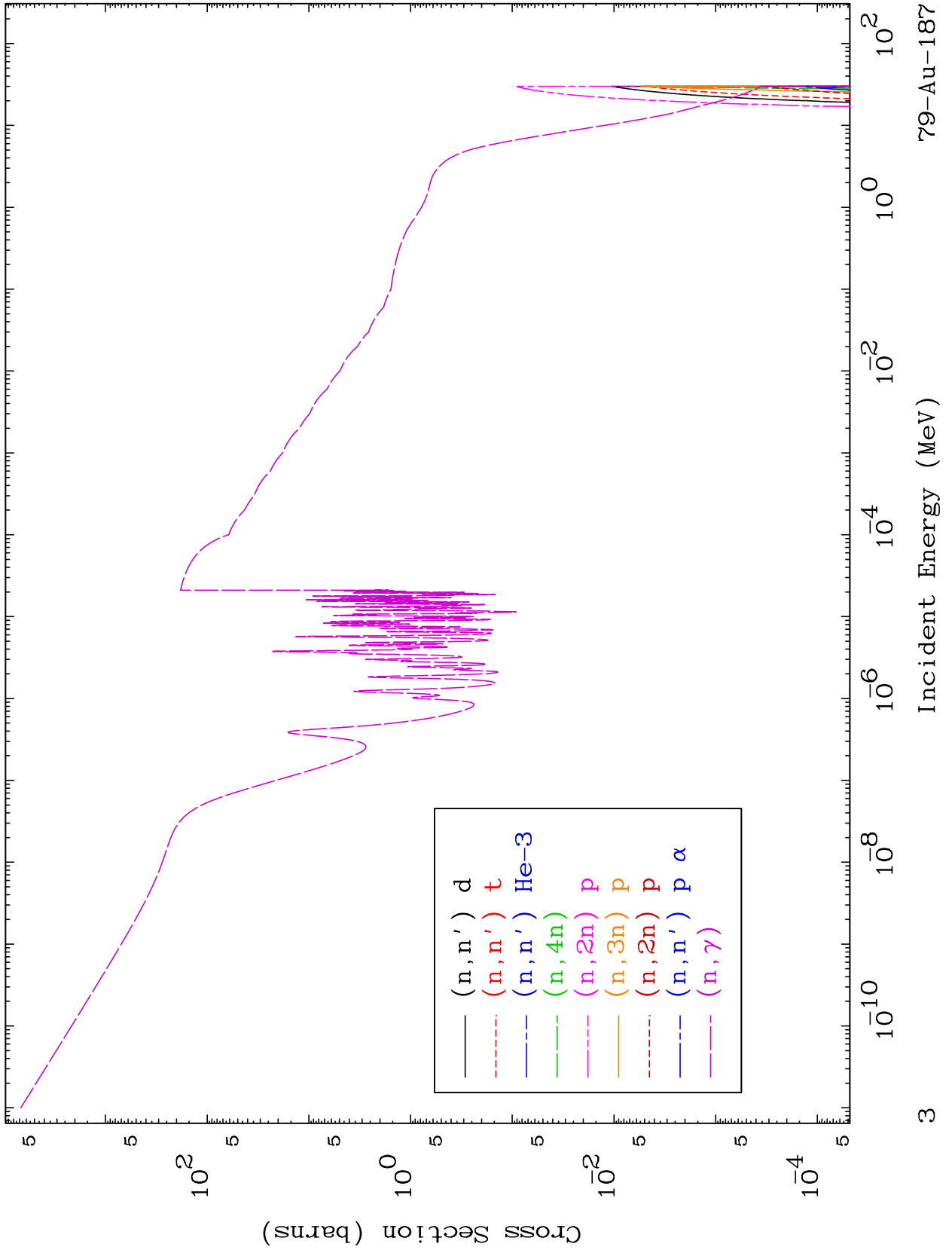
79-Au-187

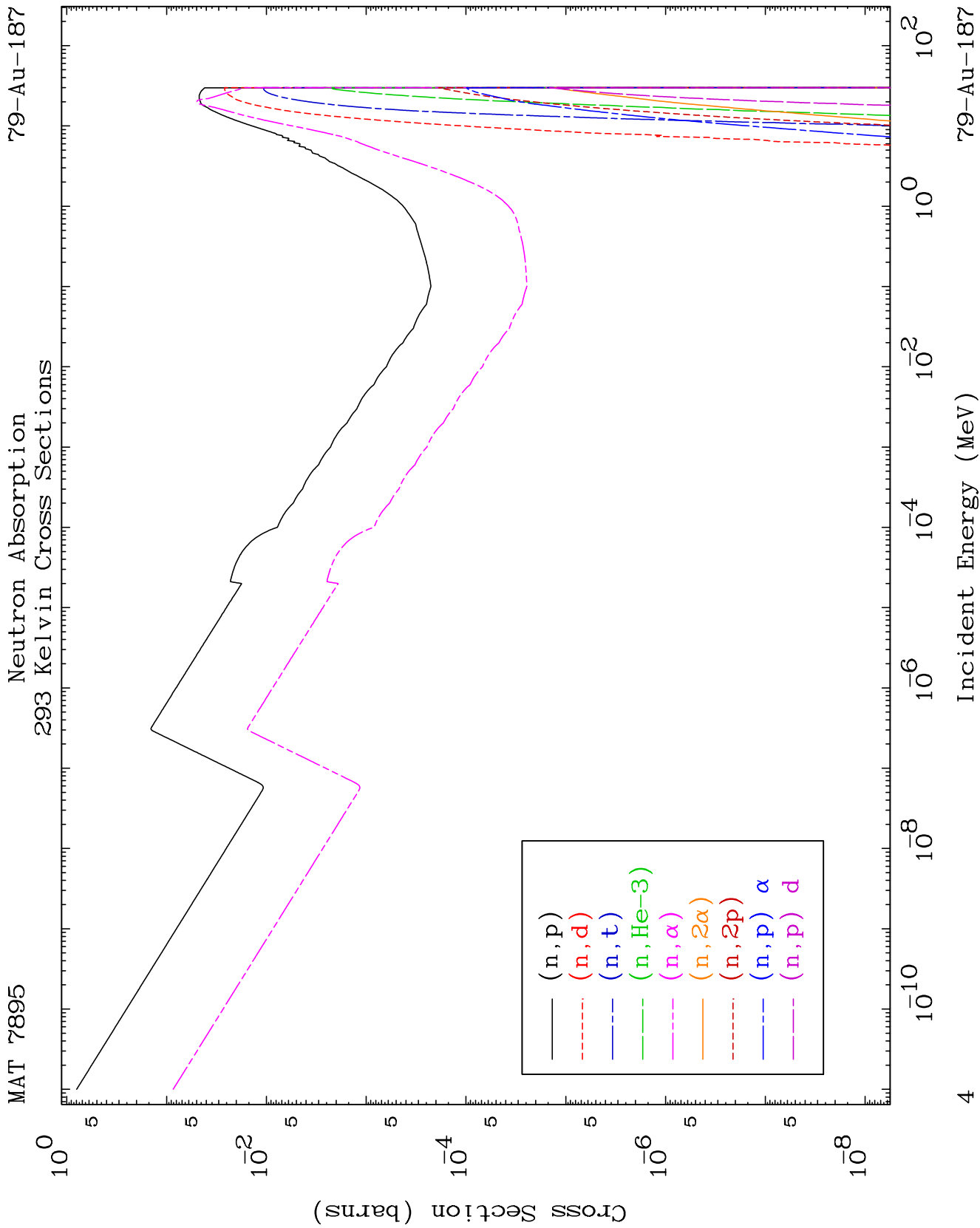


MAT 7895

Neutron Absorption  
293 Kelvin Cross Sections

79-Au-187

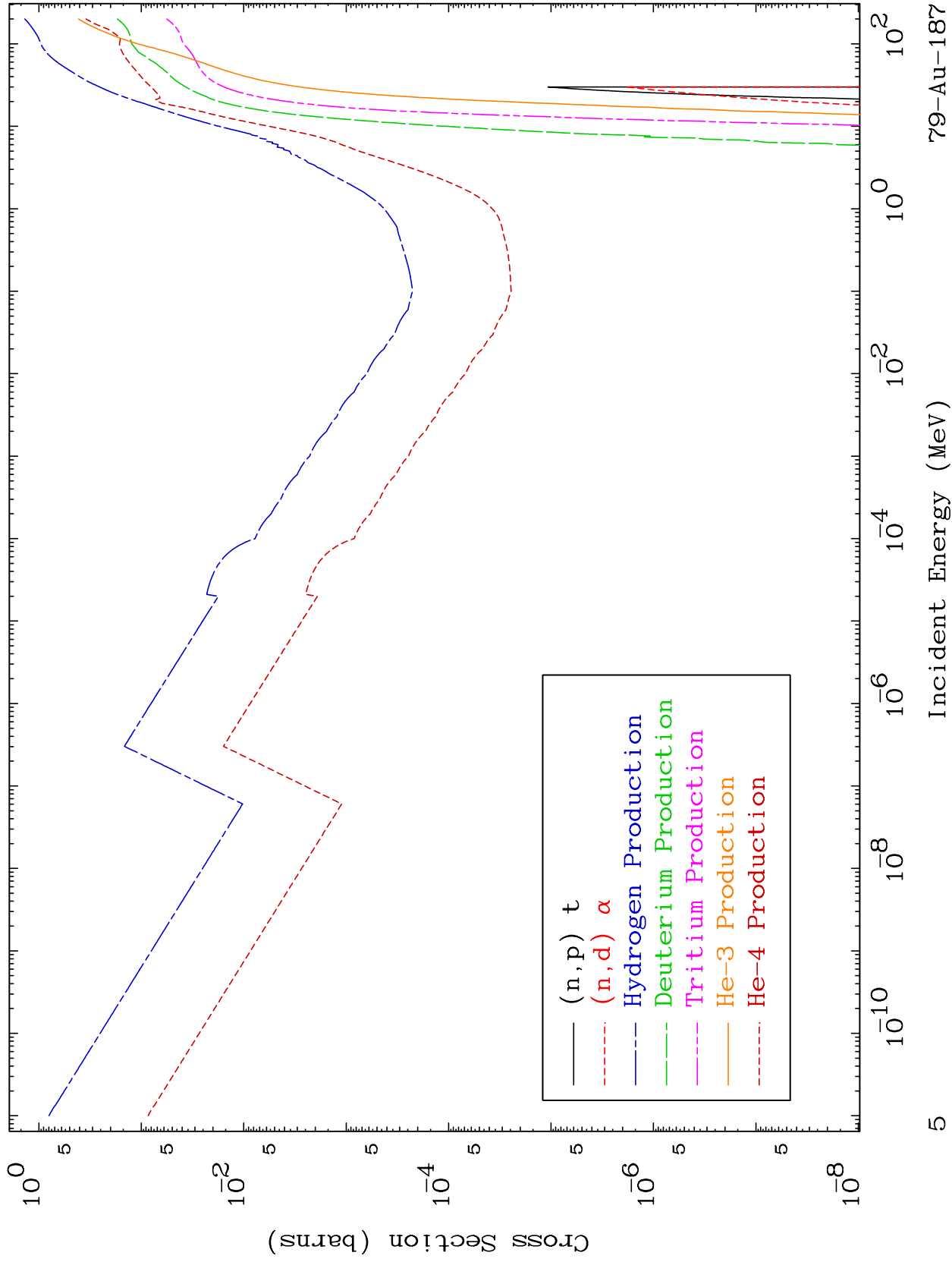




MAT 7895

Neutron Absorption  
293 Kelvin Cross Sections

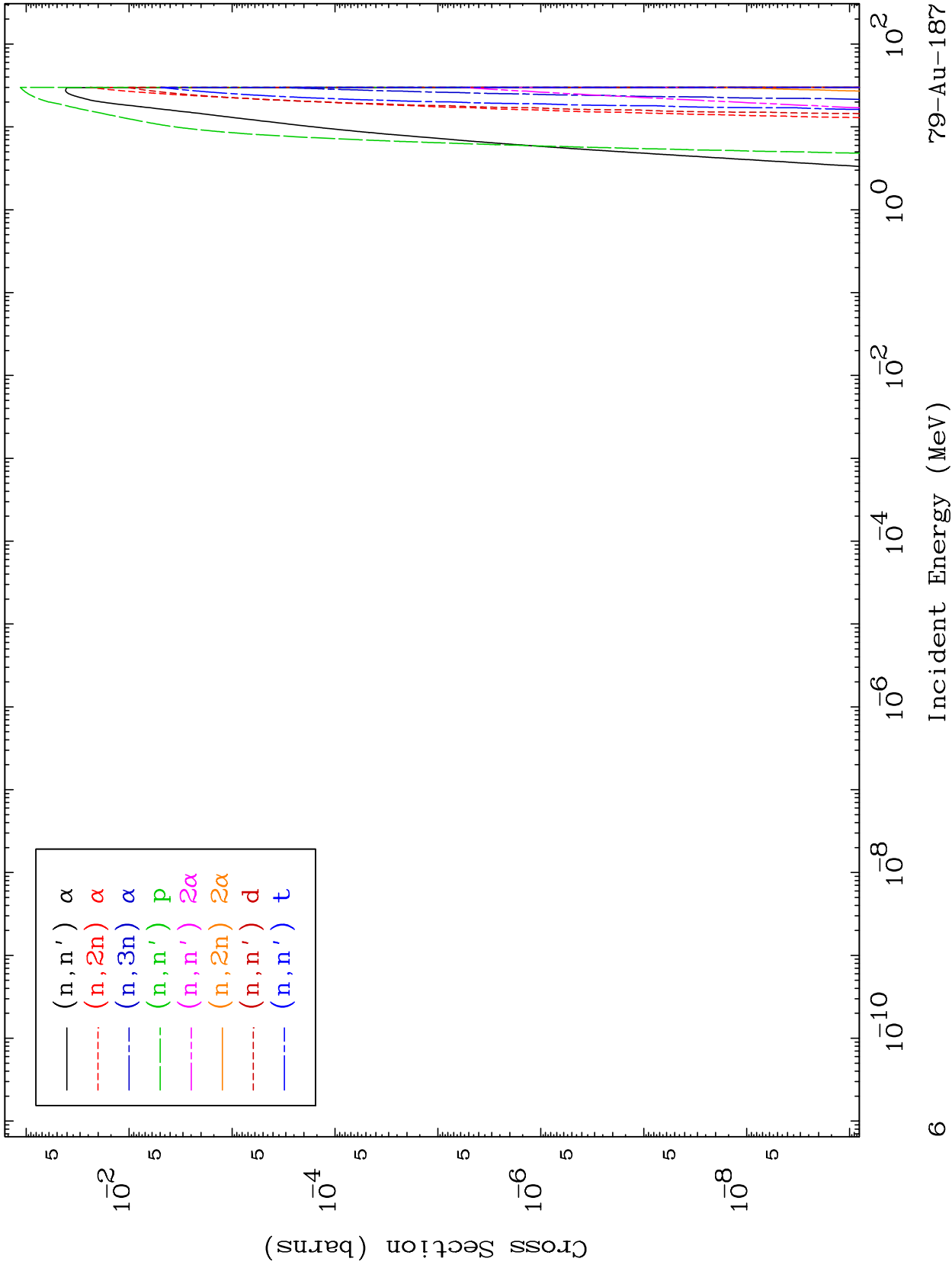
79-Au-187

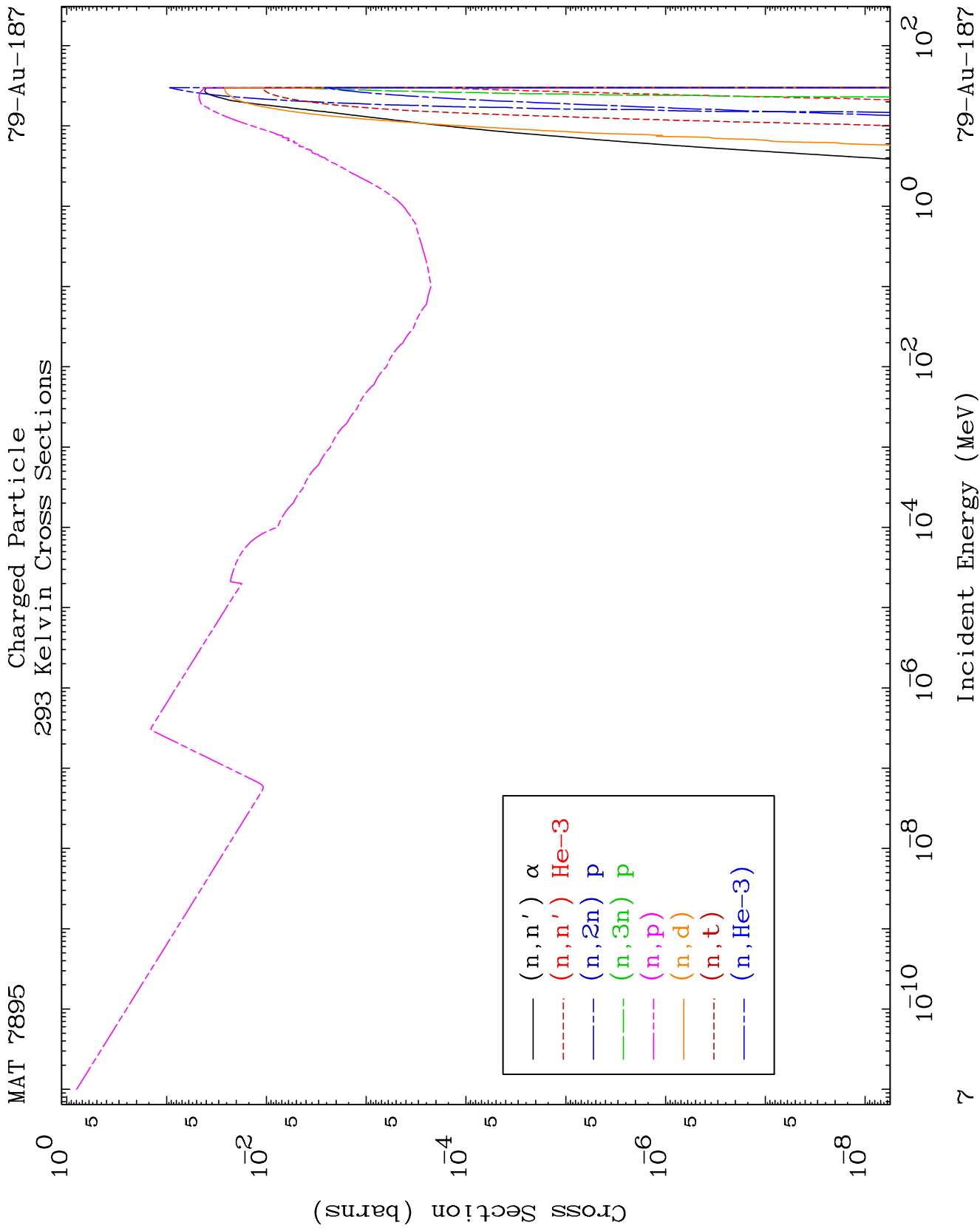


MAT 7895

Charged Particle  
293 Kelvin Cross Sections

79-Au-187



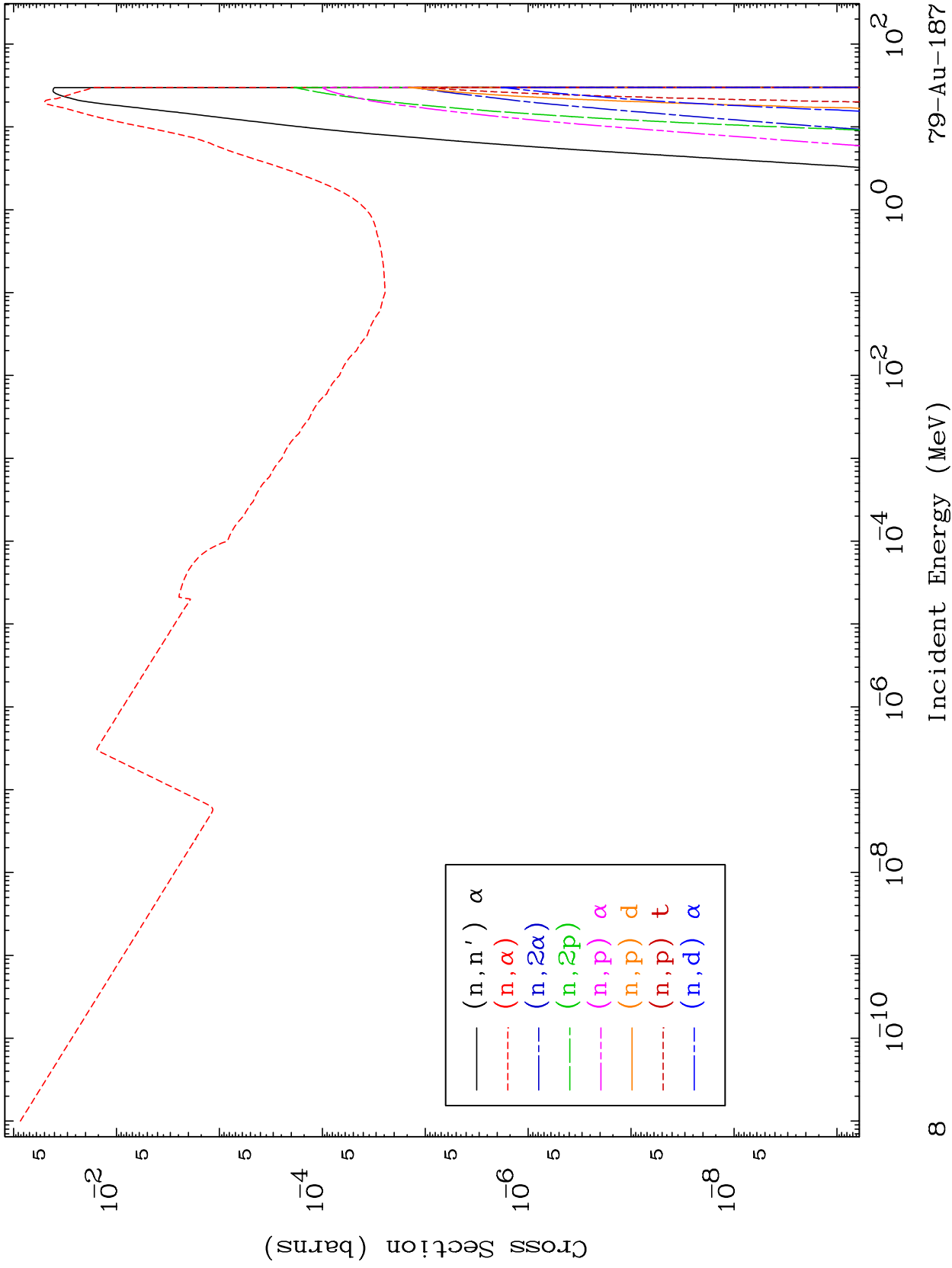




MAT 7895

Charged Particle  
293 Kelvin Cross Sections

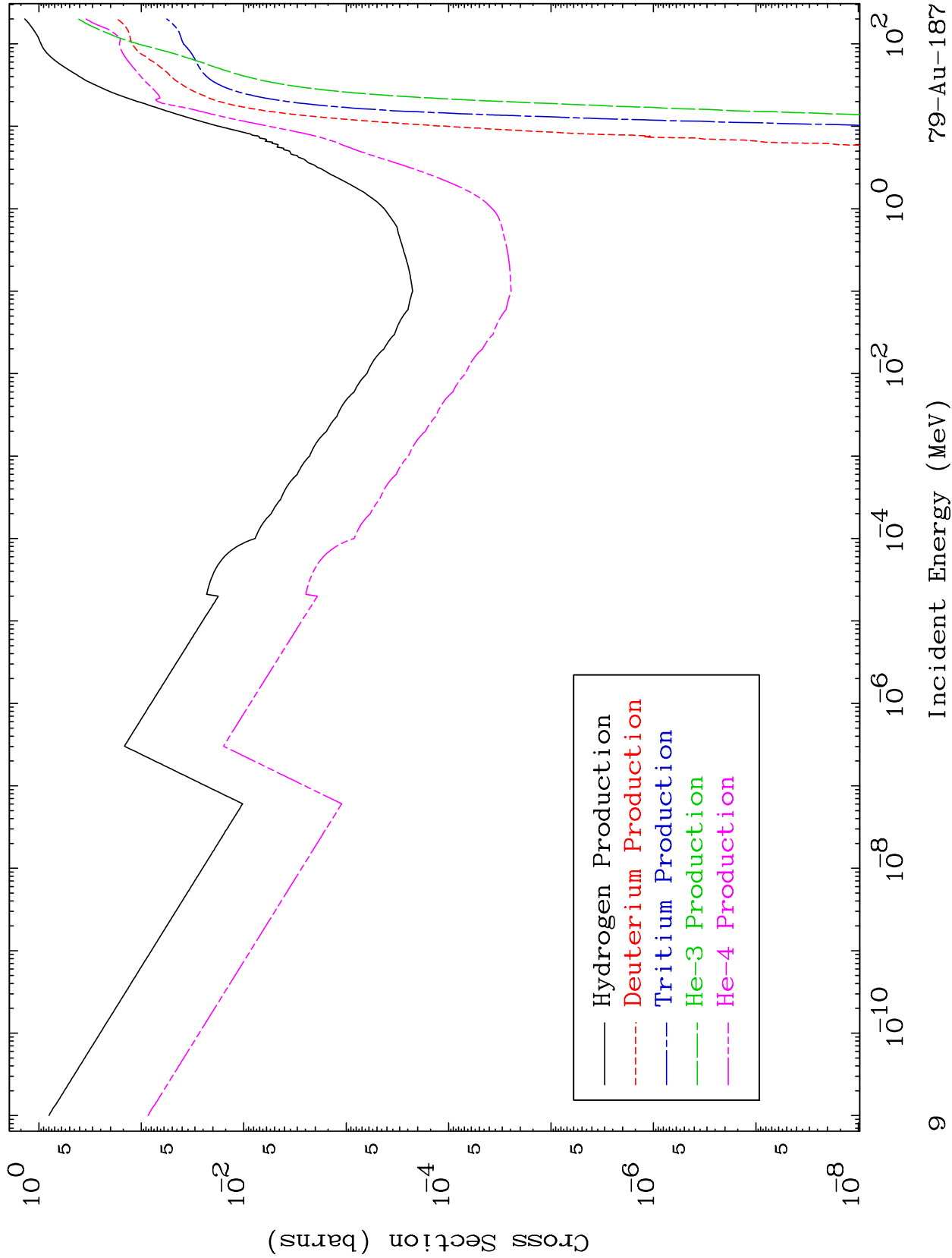
79-Au-187



MAT 7895

Particle Production  
293 Kelvin Cross Sections

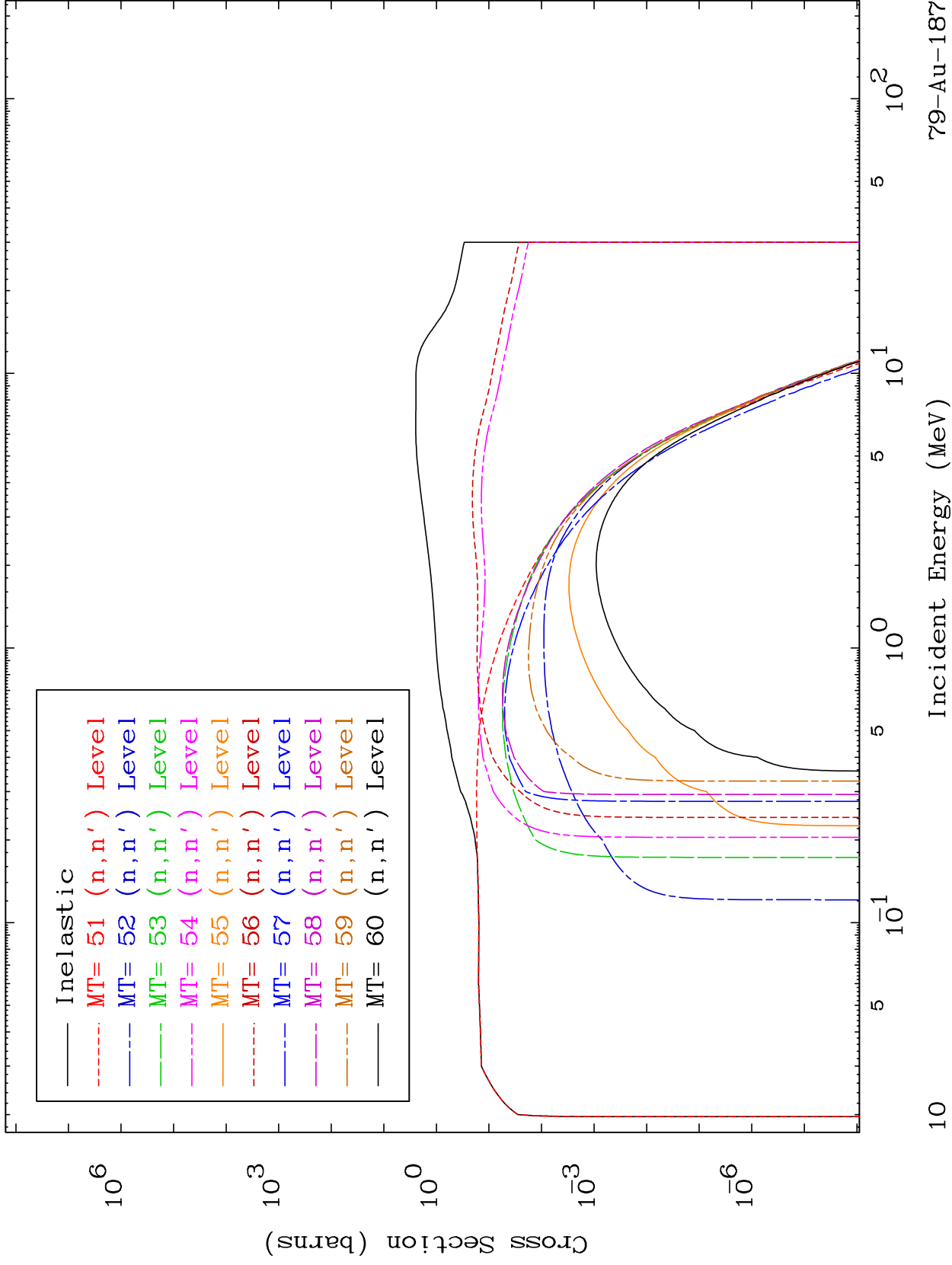
79-Au-187



MAT 7895

(n,n') Levels  
293 Kelvin Cross Sections

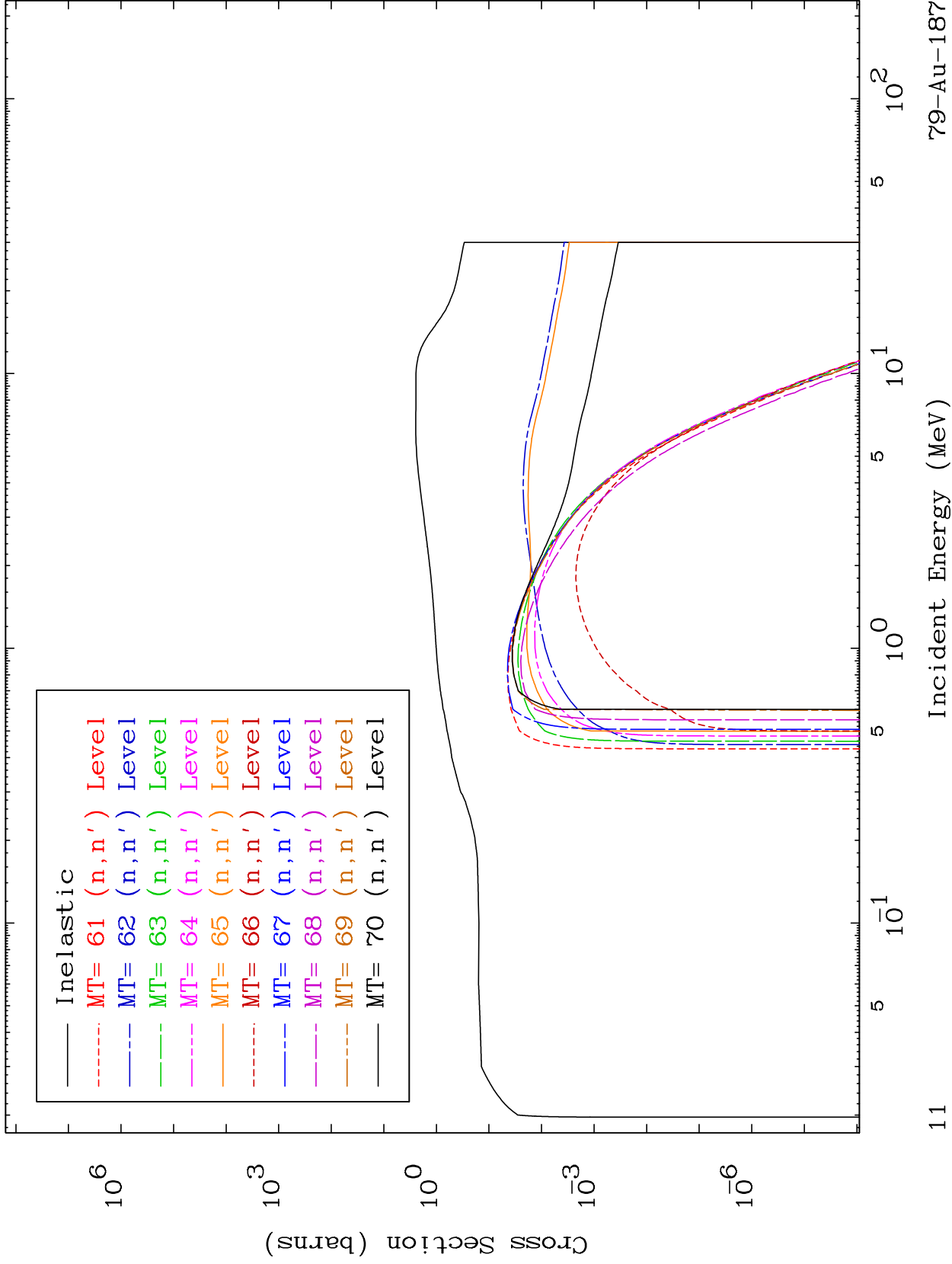
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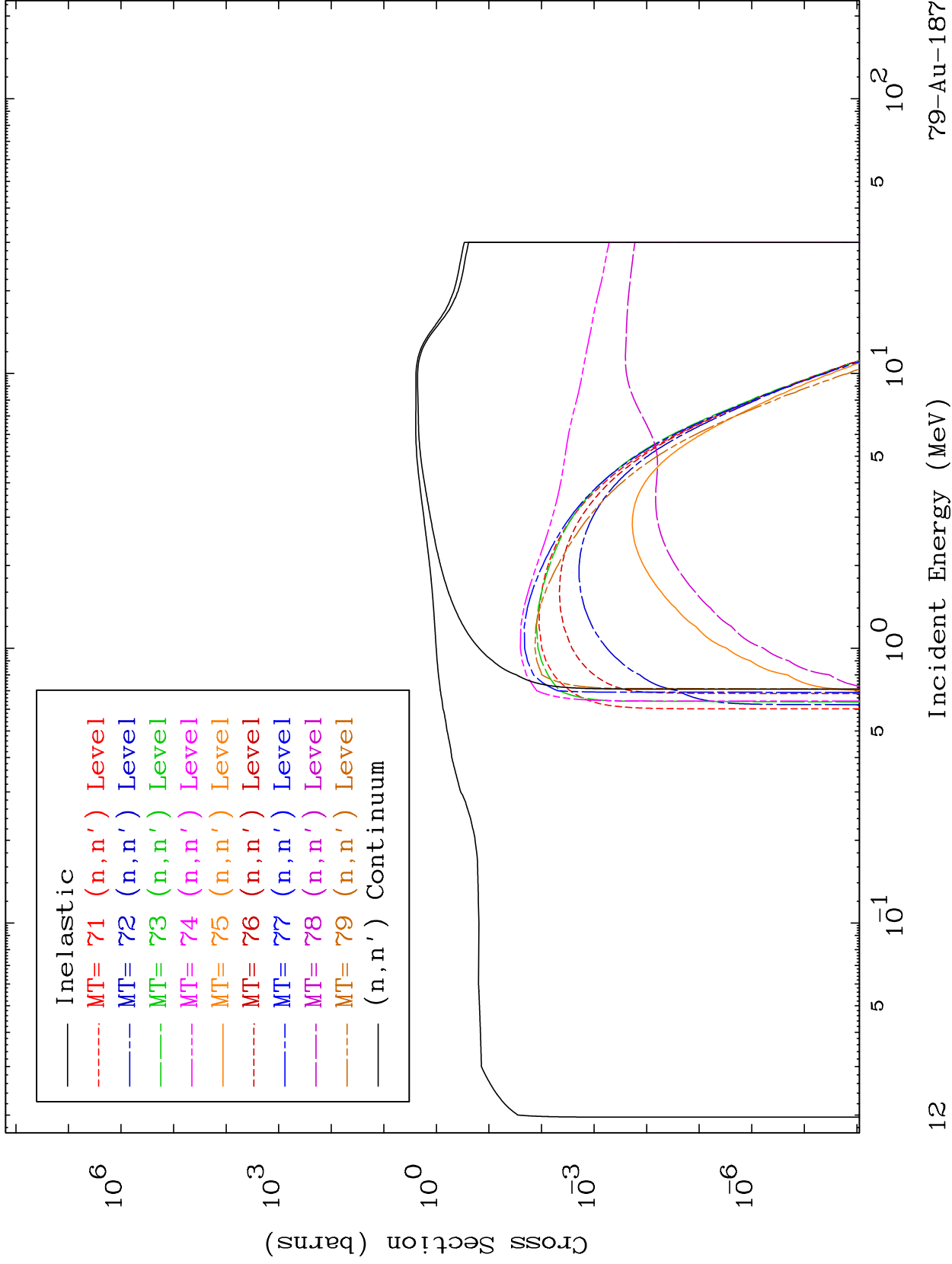


10

Incident Energy (MeV)

79-Au-187

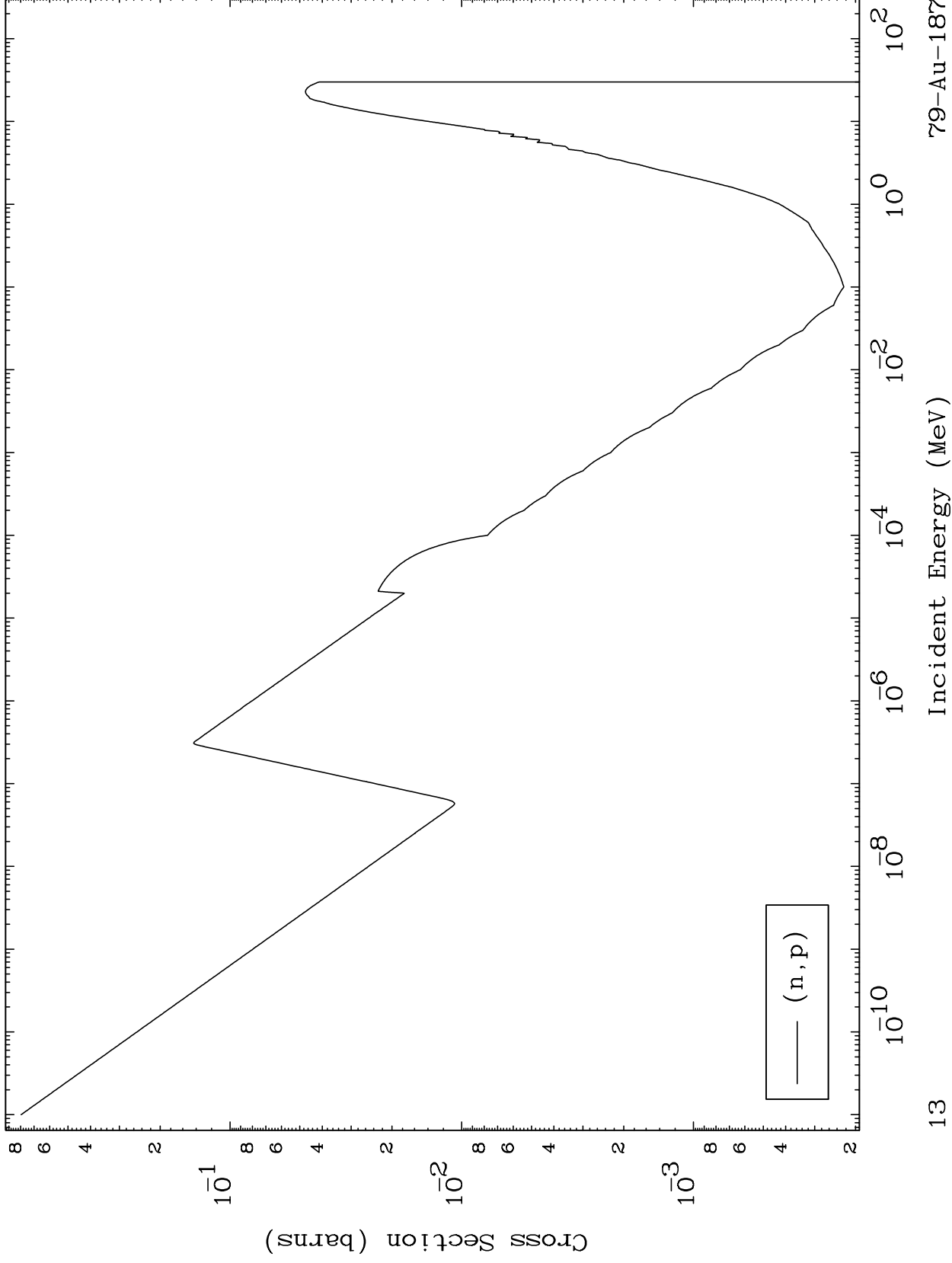




MAT 7895

(n,p) Levels  
293 Kelvin Cross Sections

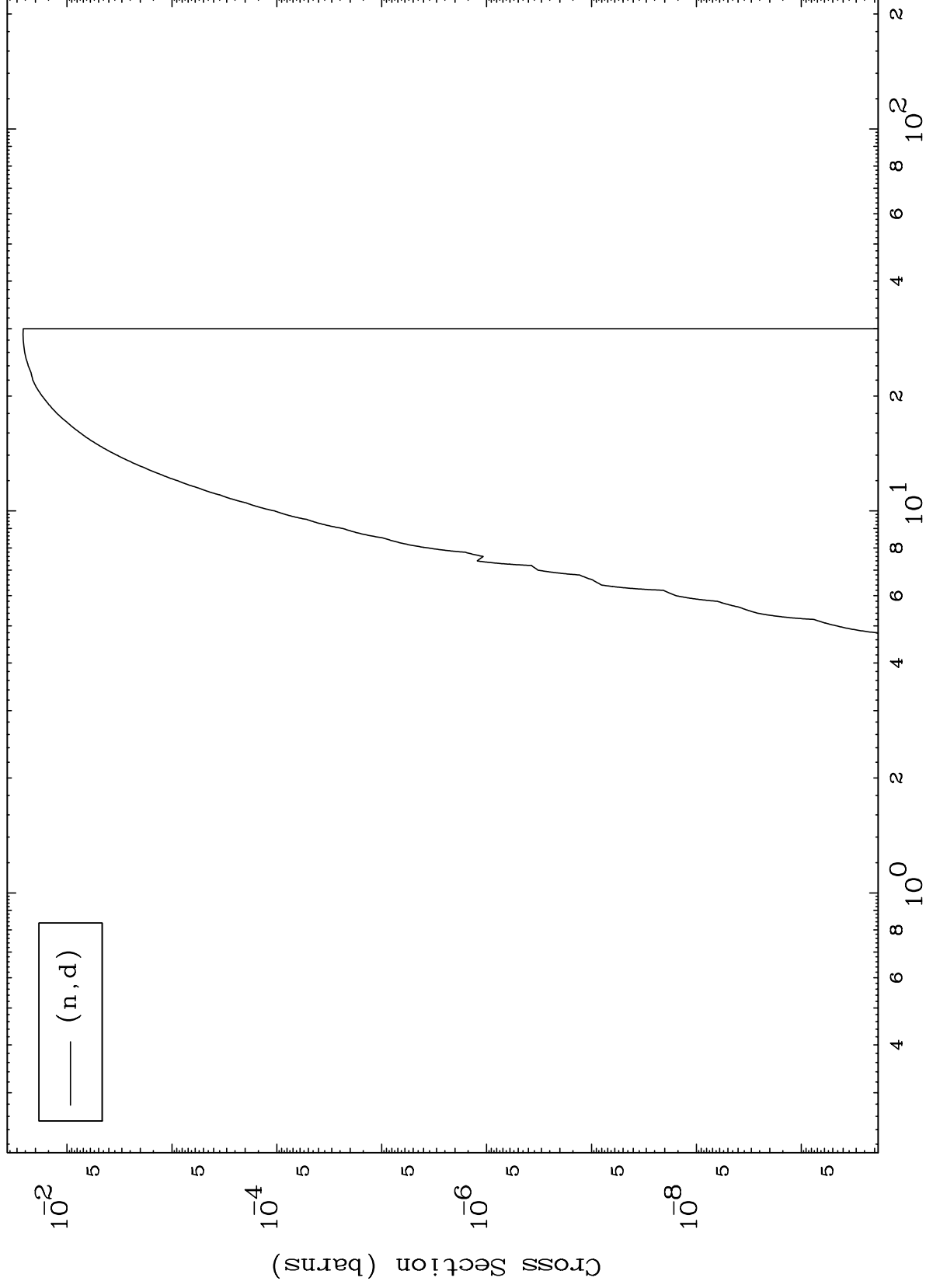
79-Au-187



MAT 7895

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-187



14

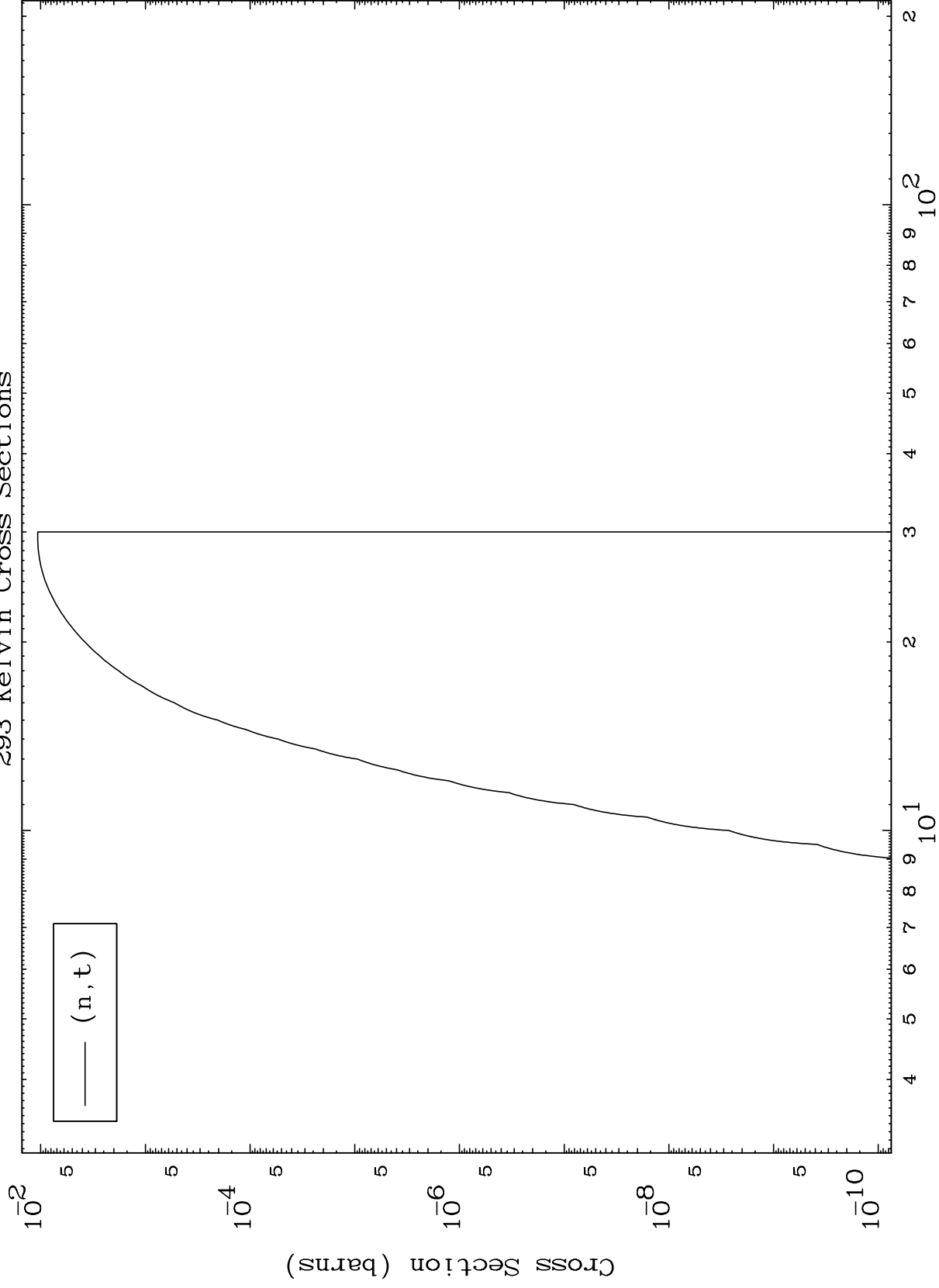
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-187



(n,t)

15

Incident Energy (MeV)

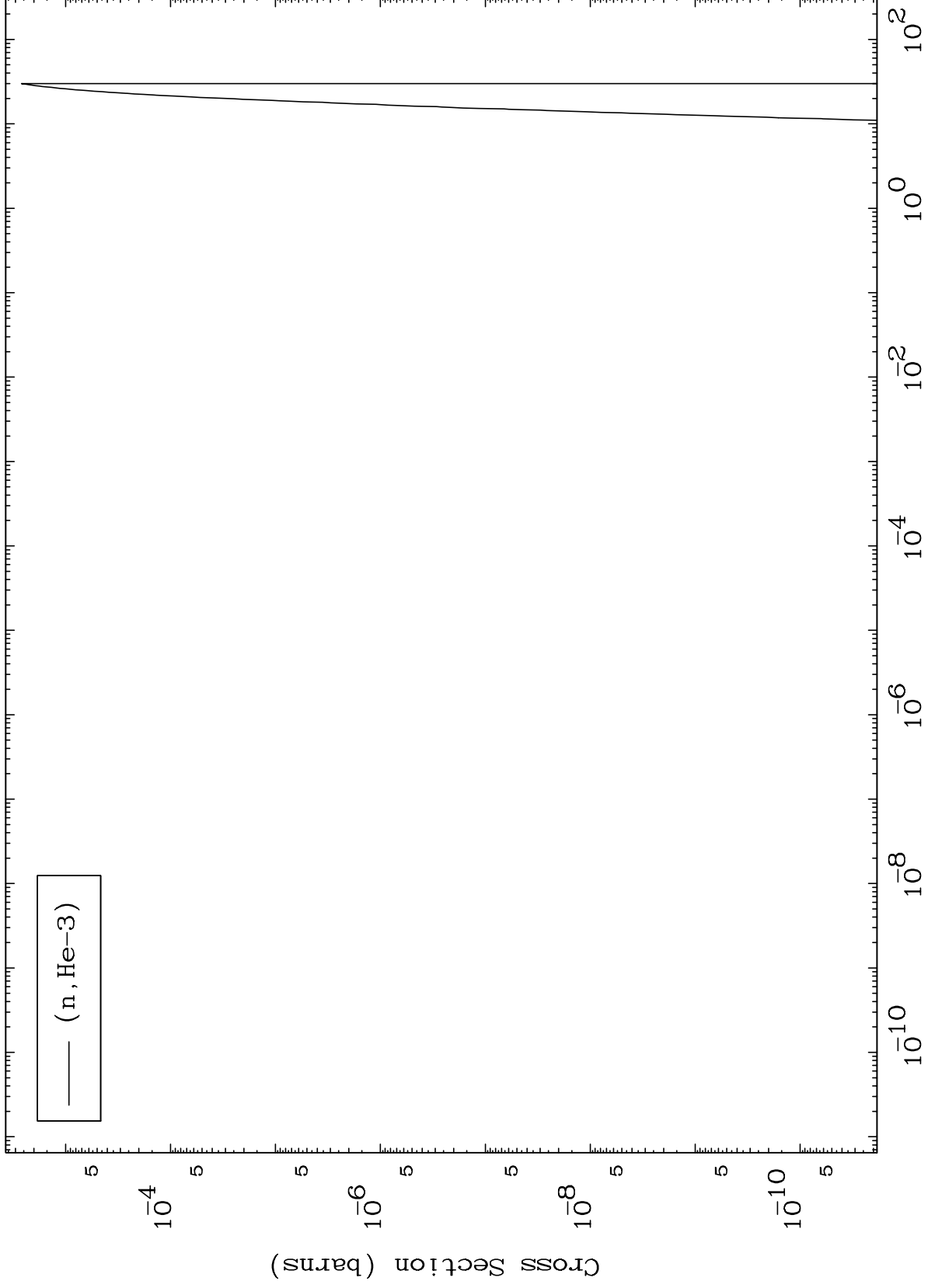
79-Au-187



MAT 7895

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-187



16

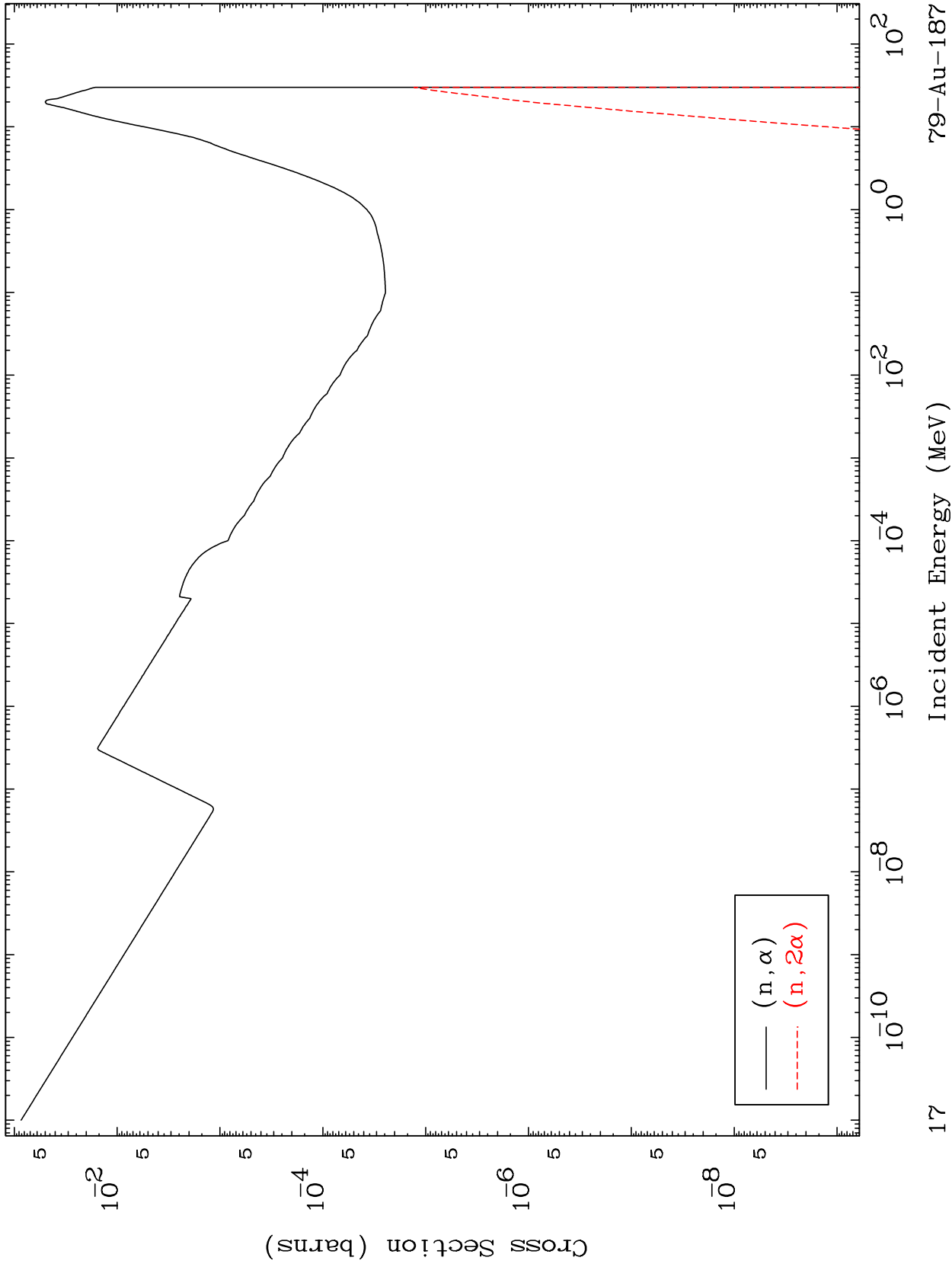
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,α) Levels  
293 Kelvin Cross Sections

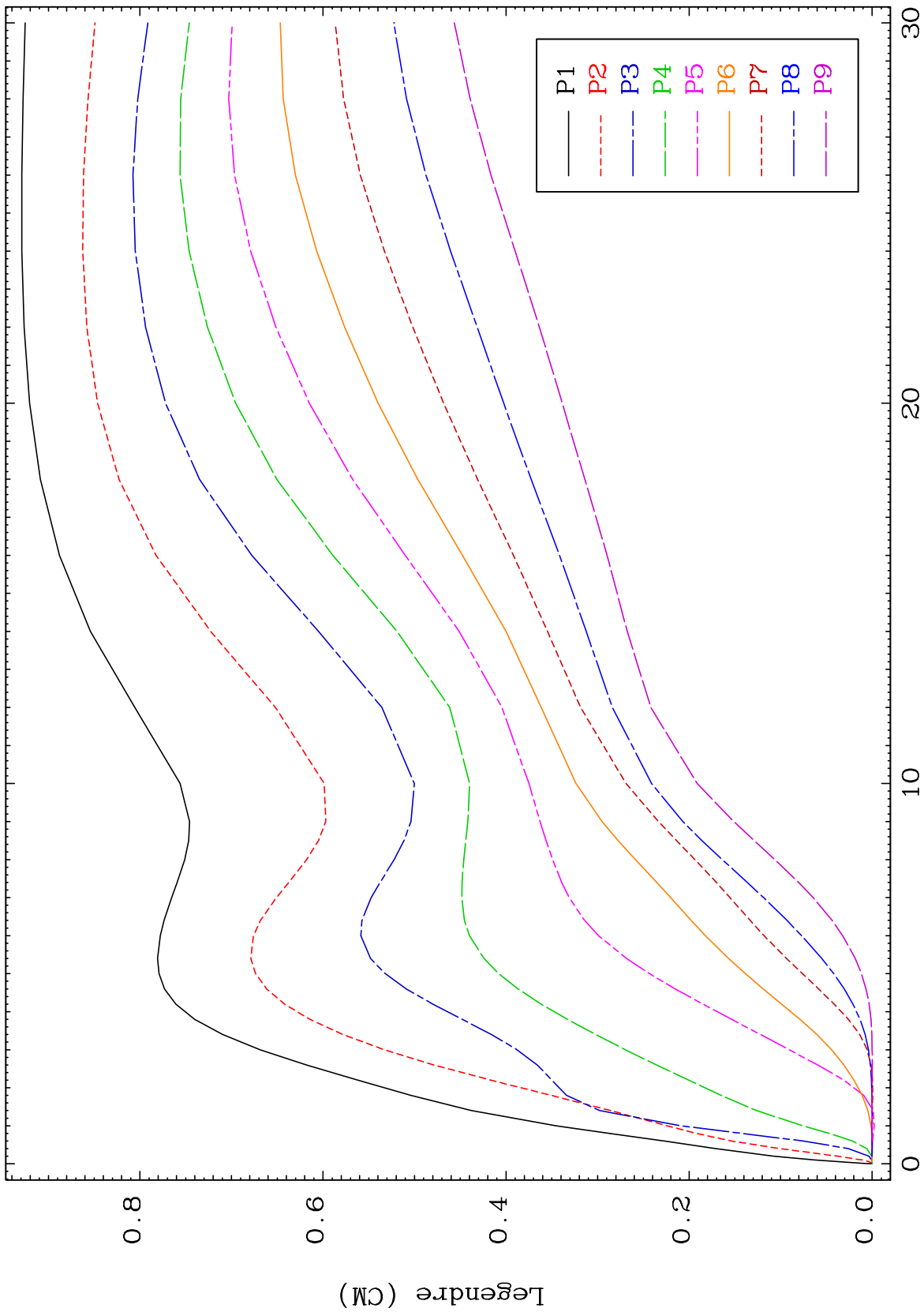
79-Au-187



MAT 7895

79-Au-187

Elastic Legendre Coefficients



79-Au-187

Incident Energy (MeV)

18

0

0.0

Legendre (CM)

30

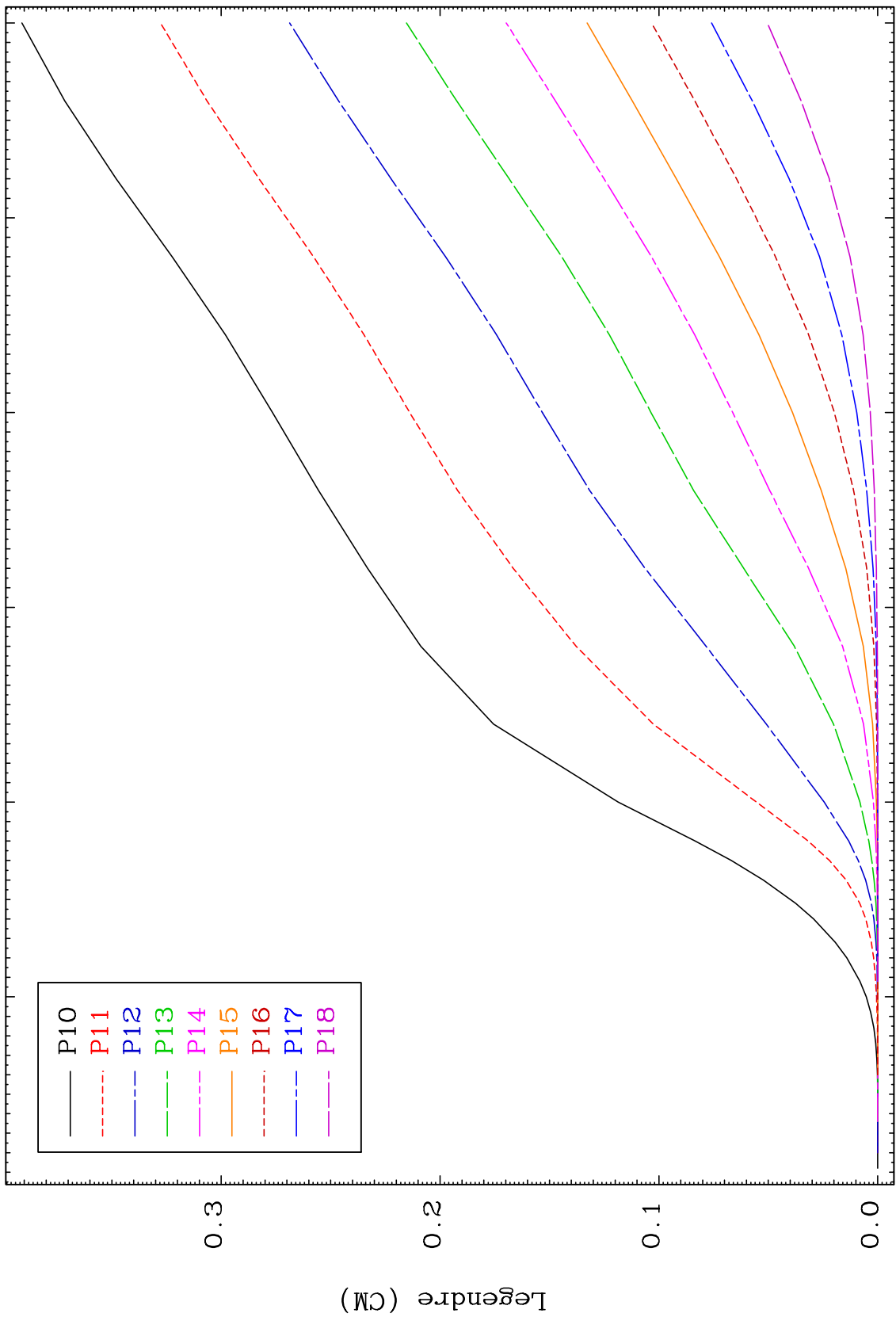
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10

MAT 7895

Elastic Legendre Coefficients

79-Au-187



19

79-Au-187

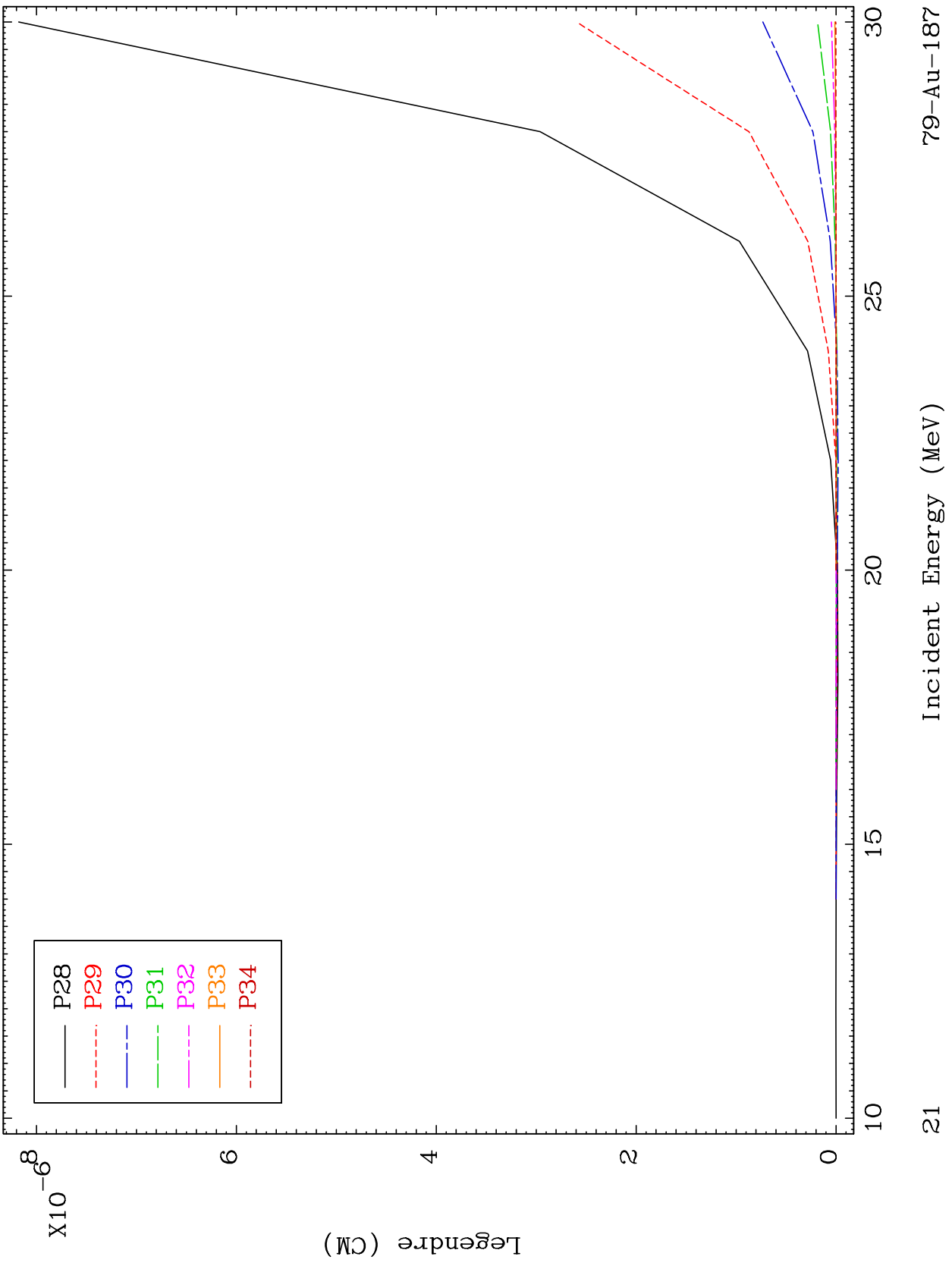
Incident Energy (MeV)



MAT 7895

Elastic Legendre Coefficients

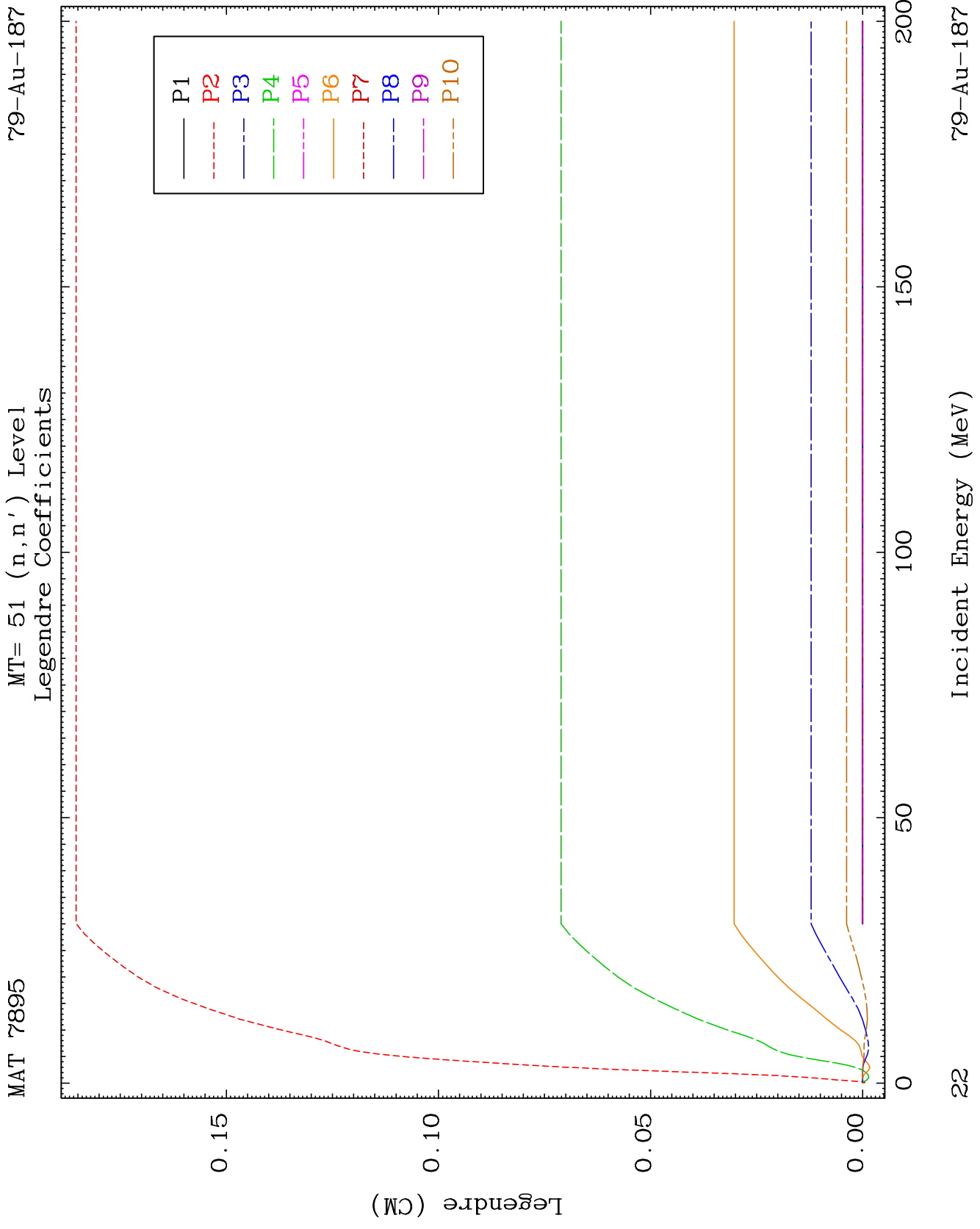
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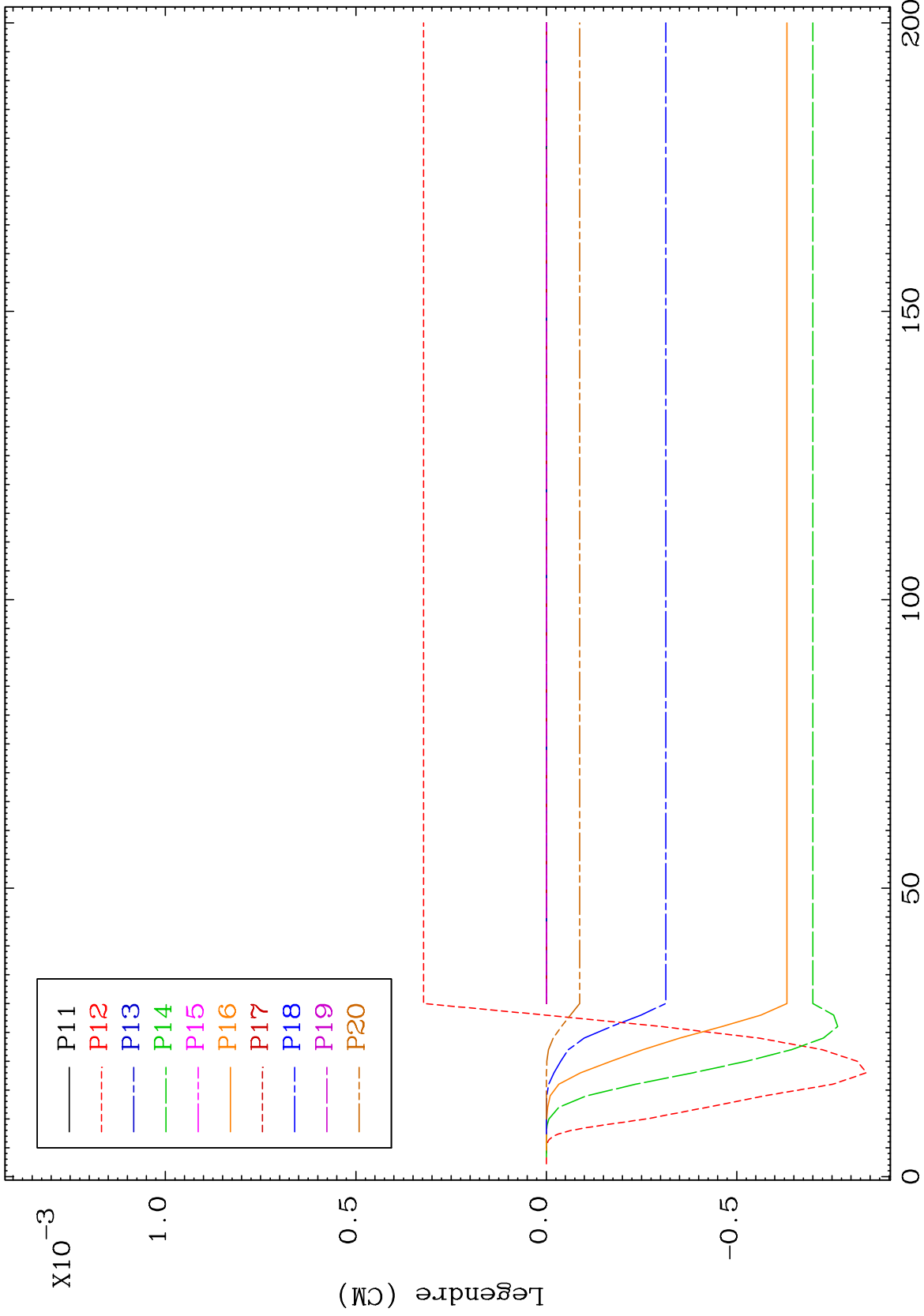


21

Incident Energy (MeV)

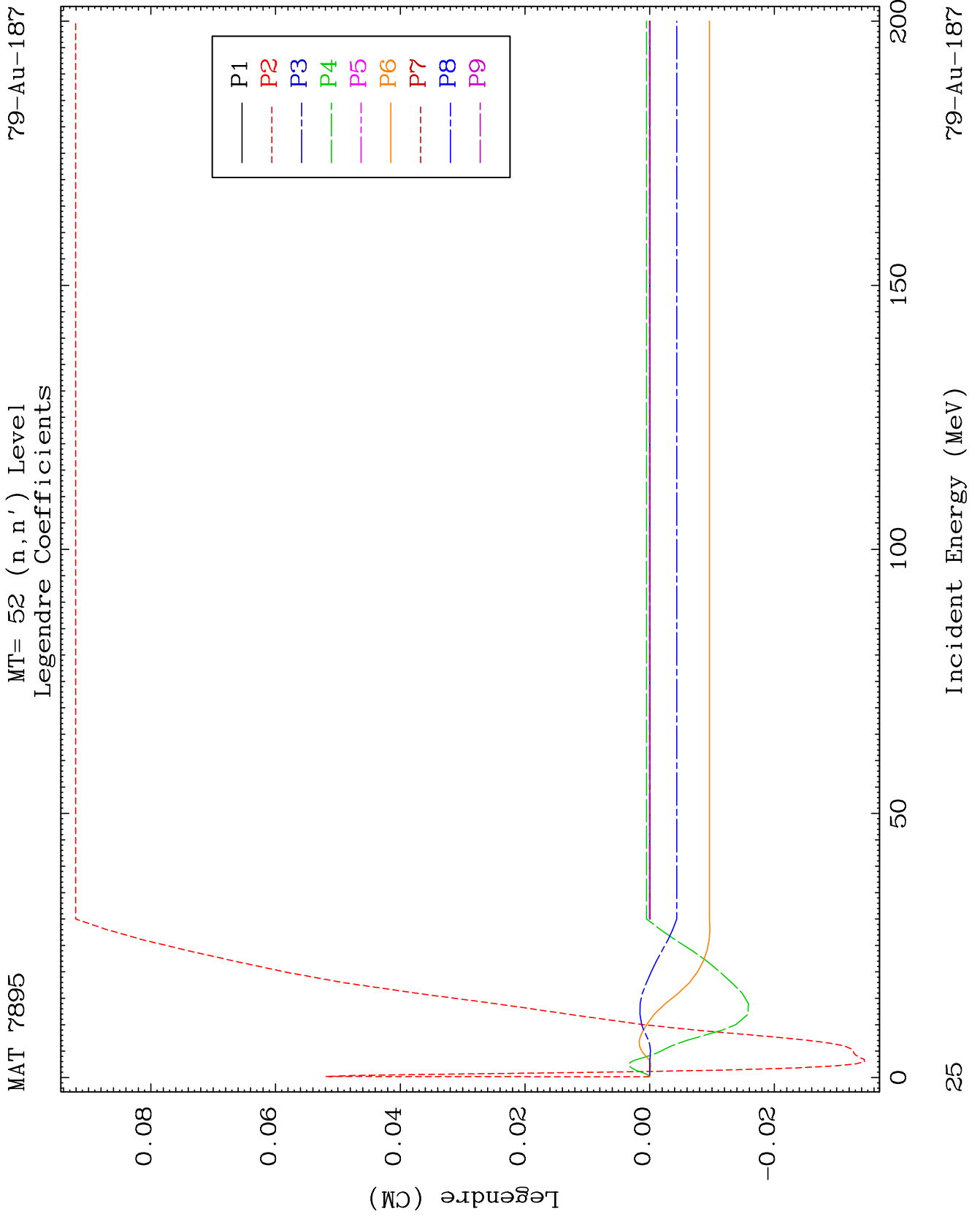
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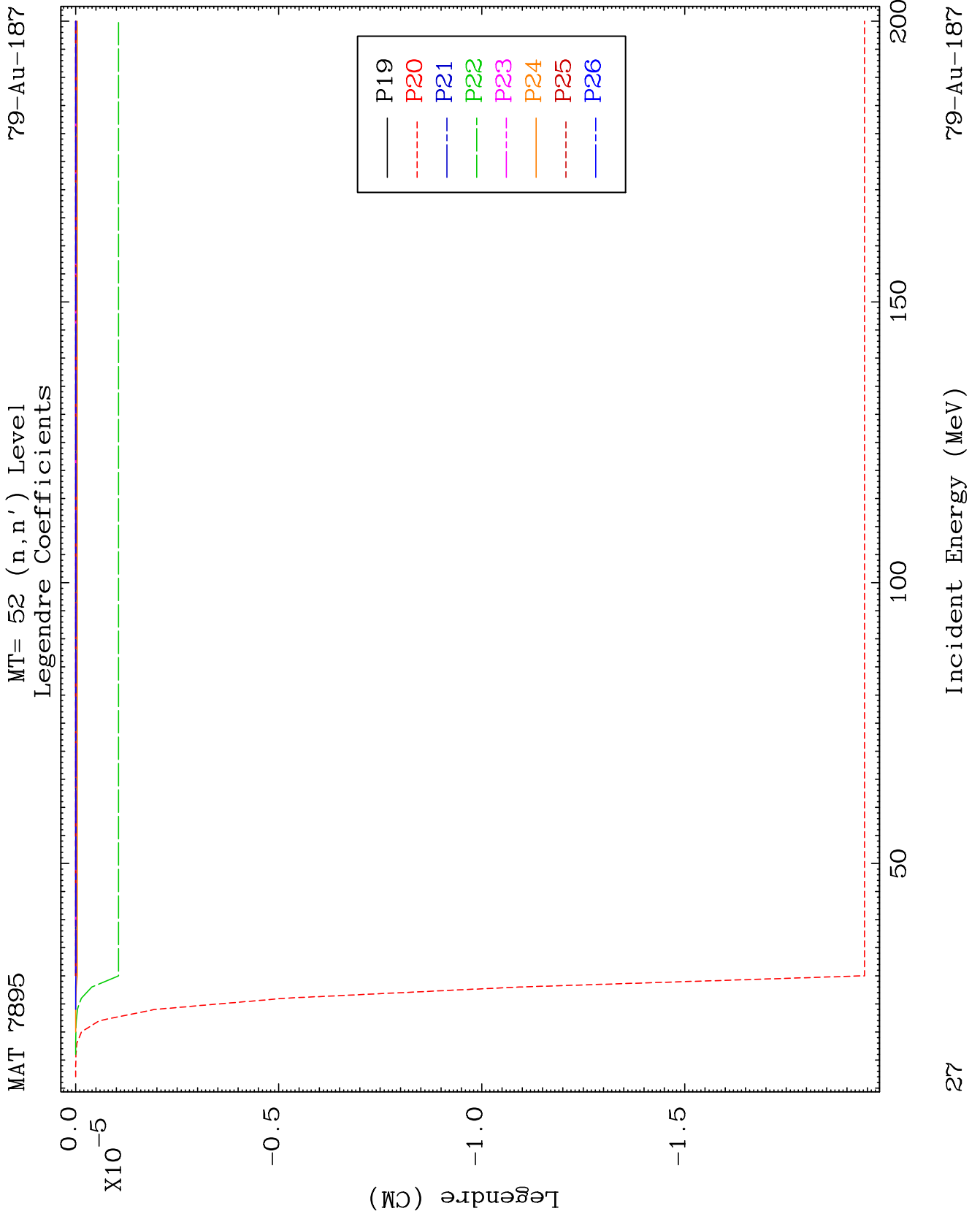










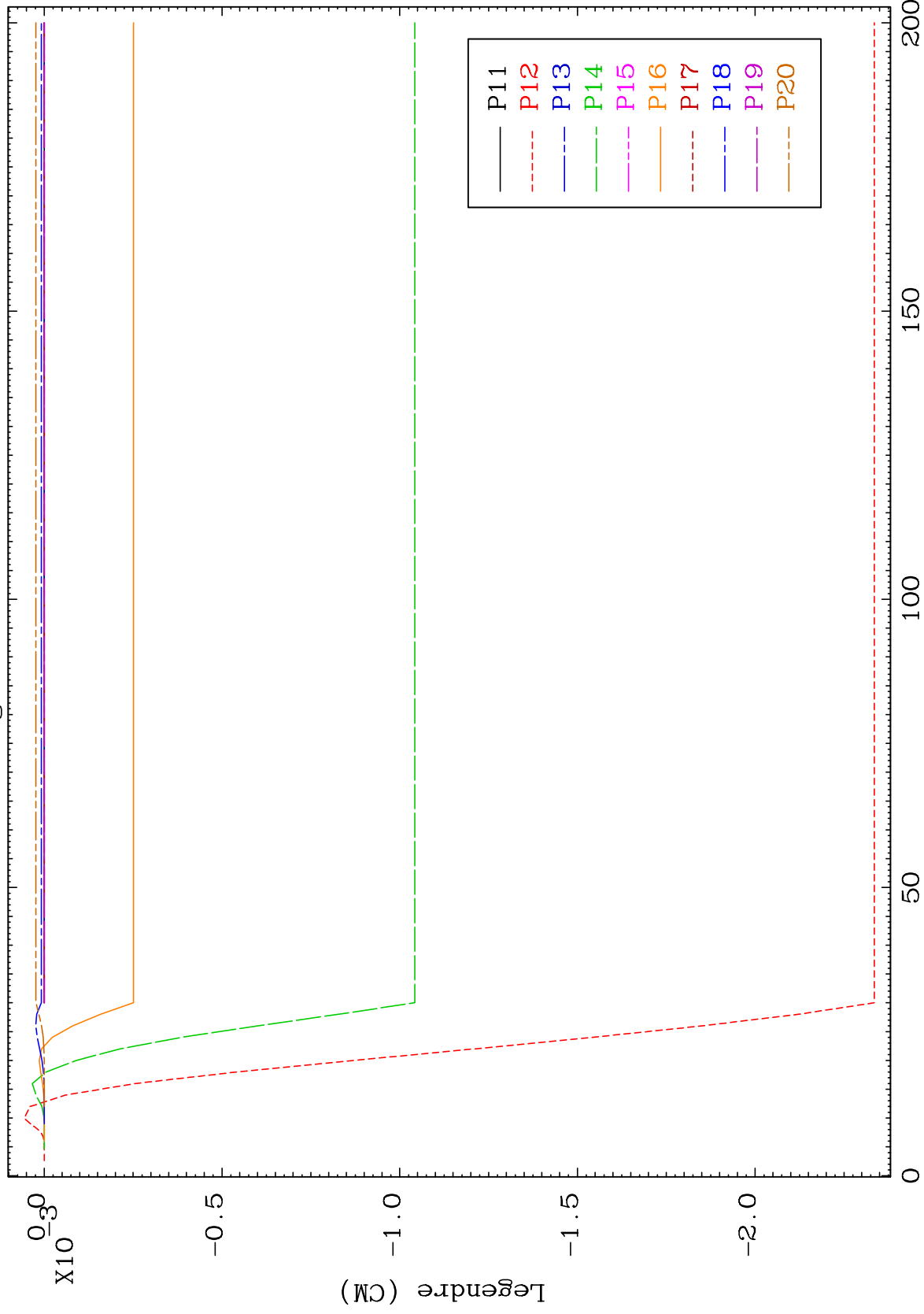




MAT 7895

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

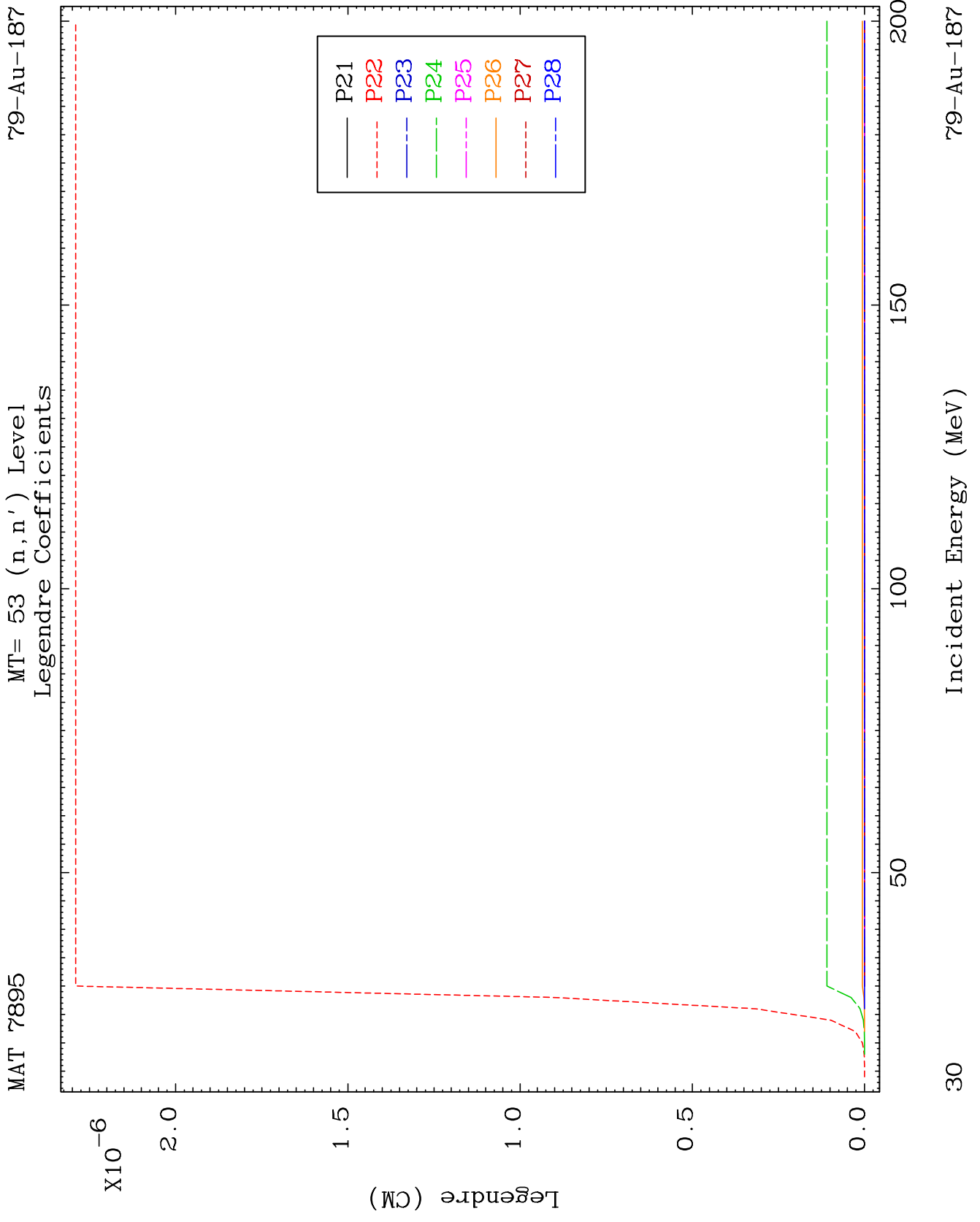
79-Au-187



29

Incident Energy (MeV)

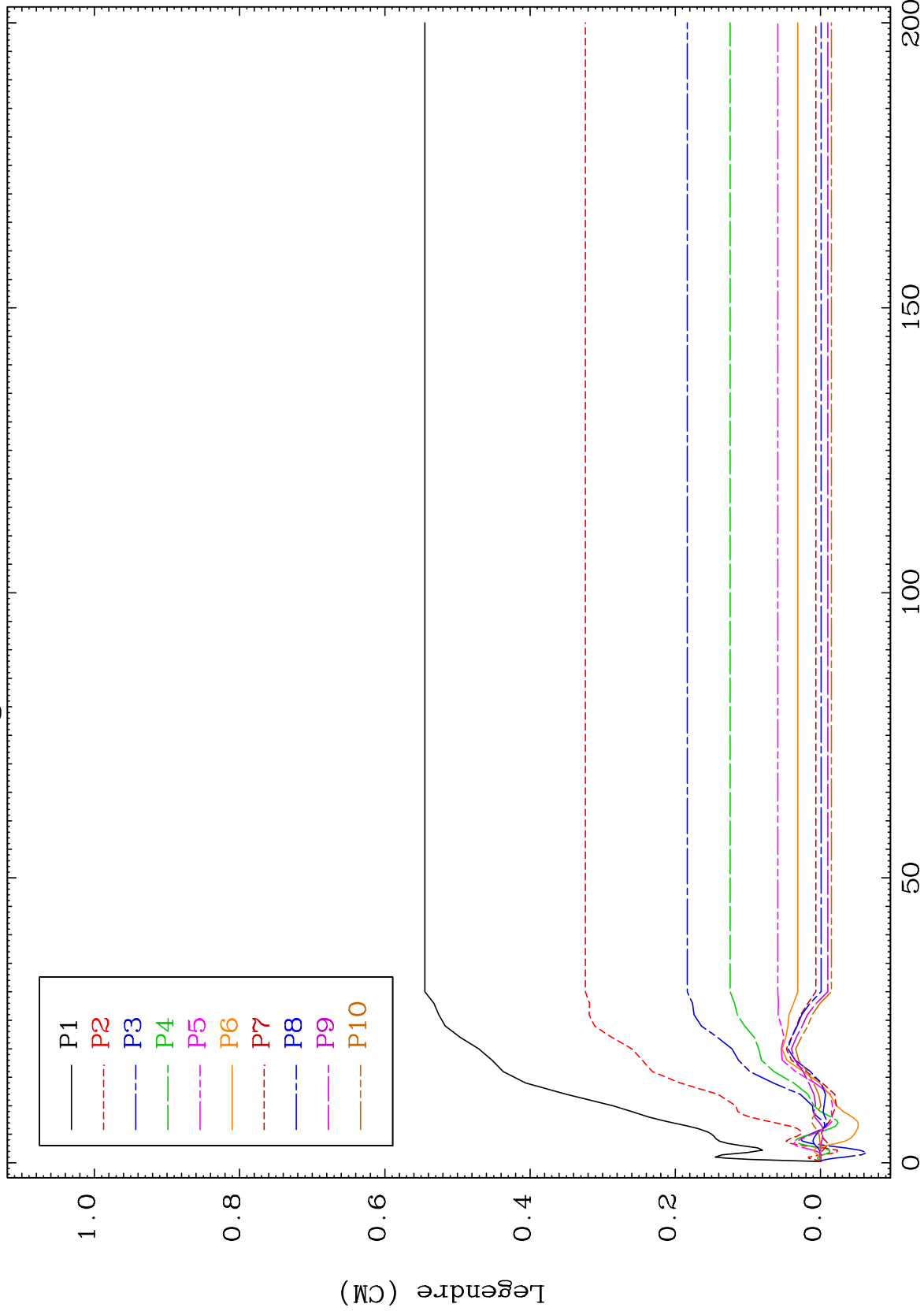
79-Au-187



MAT 7895

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

79-Au-187

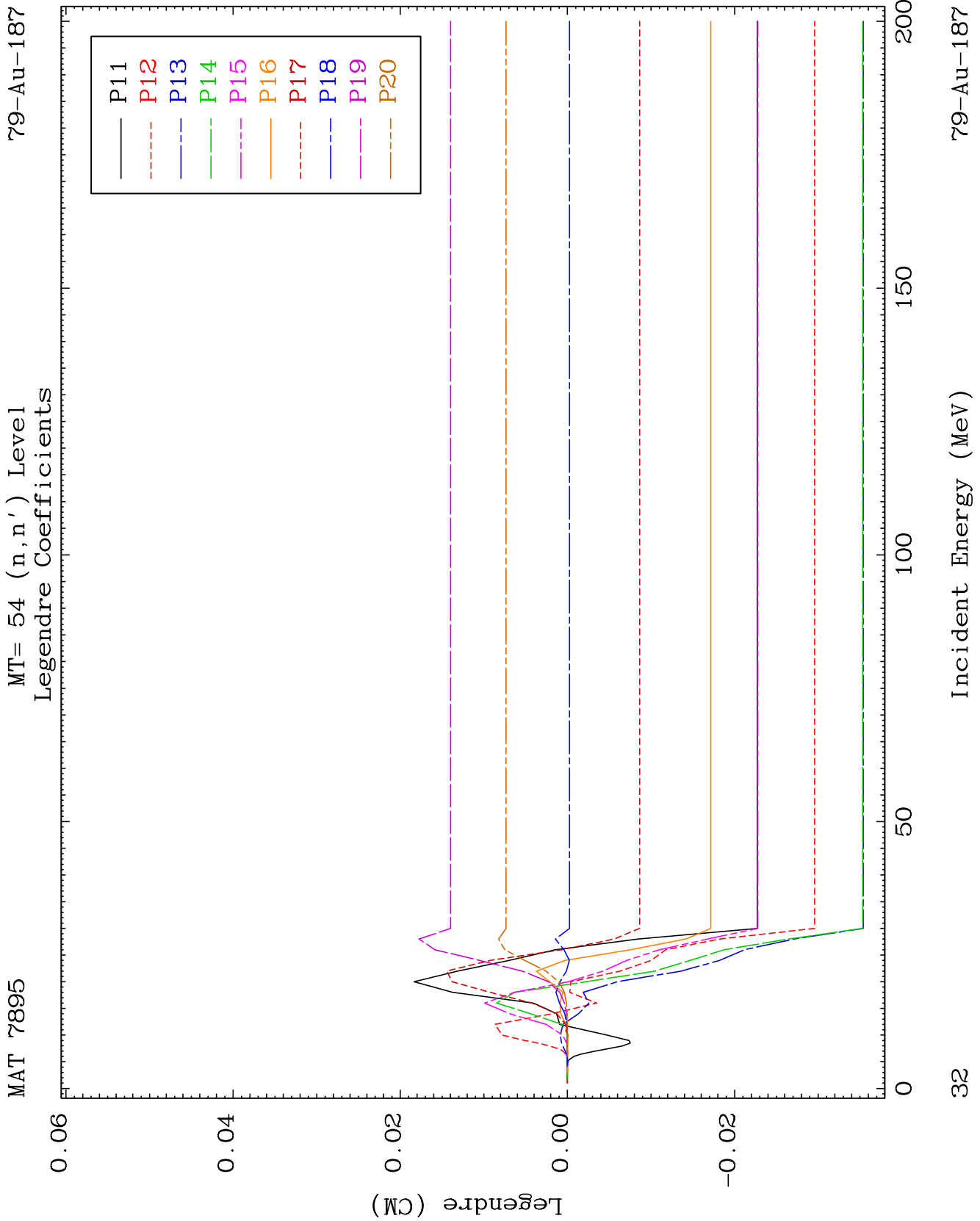


31

Incident Energy (MeV)

79-Au-187

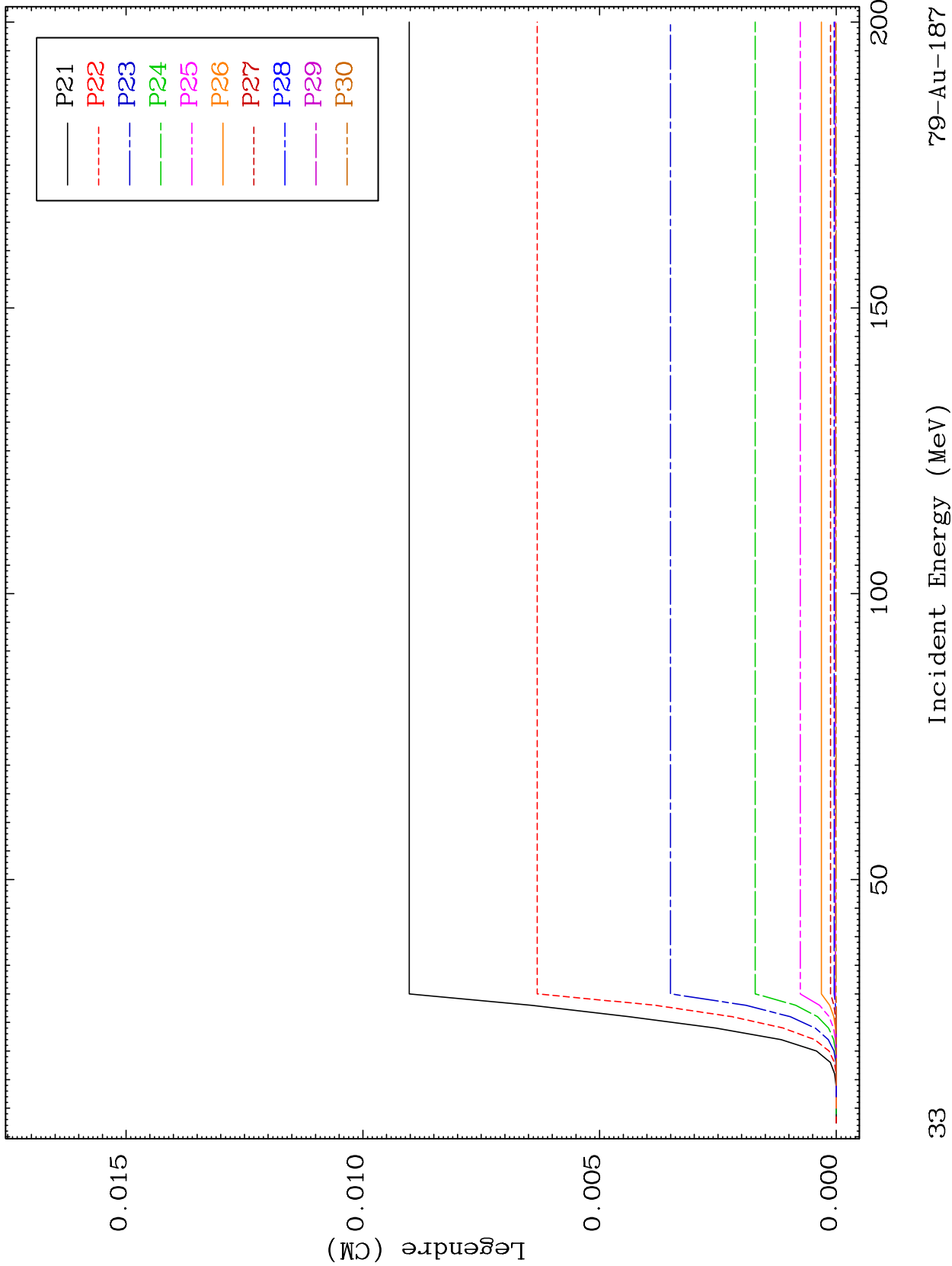




MAT 7895

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

79-Au-187



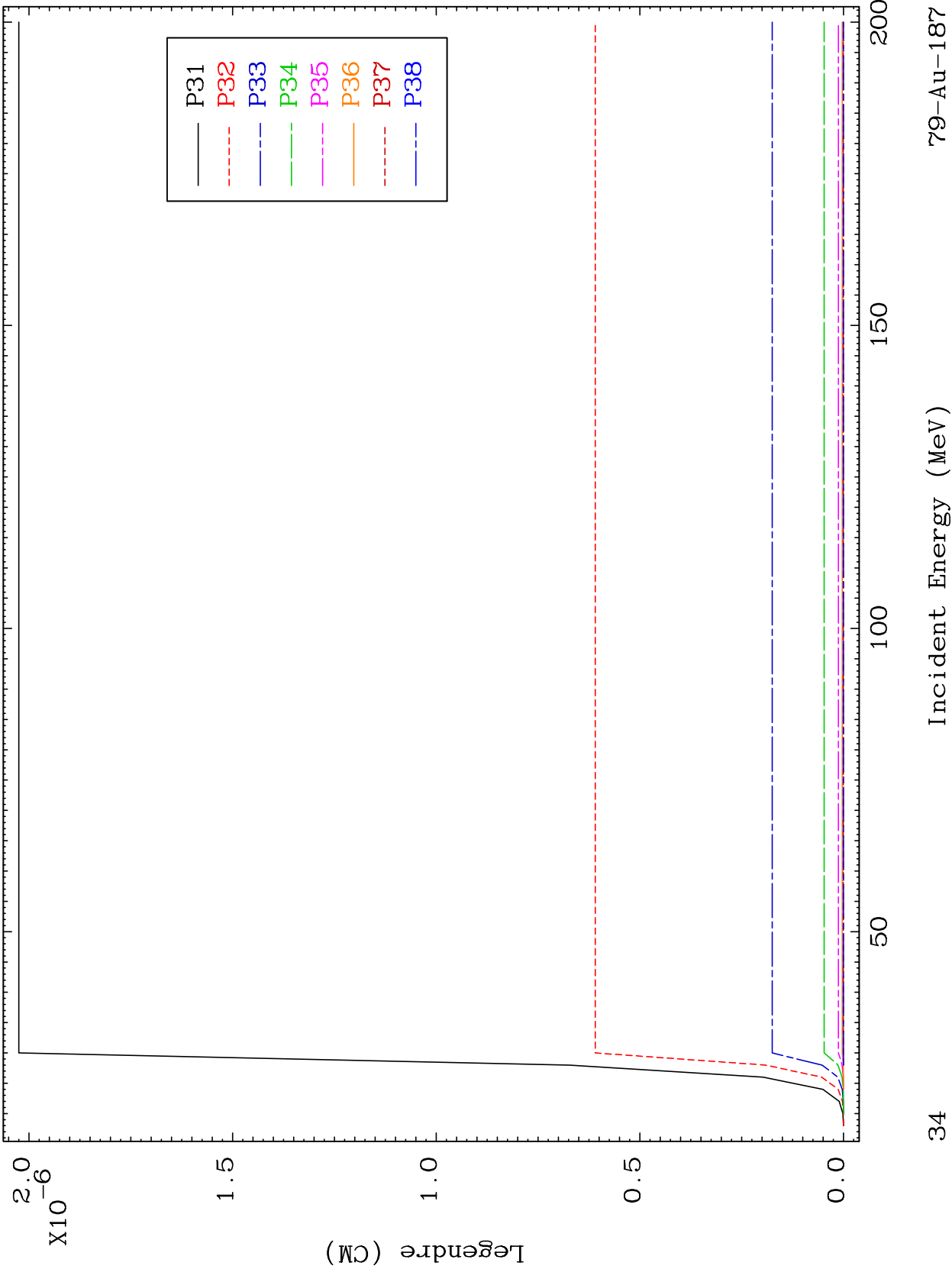
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79-Au-187

MAT 7895

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

79-Au-187



34

Incident Energy (MeV)

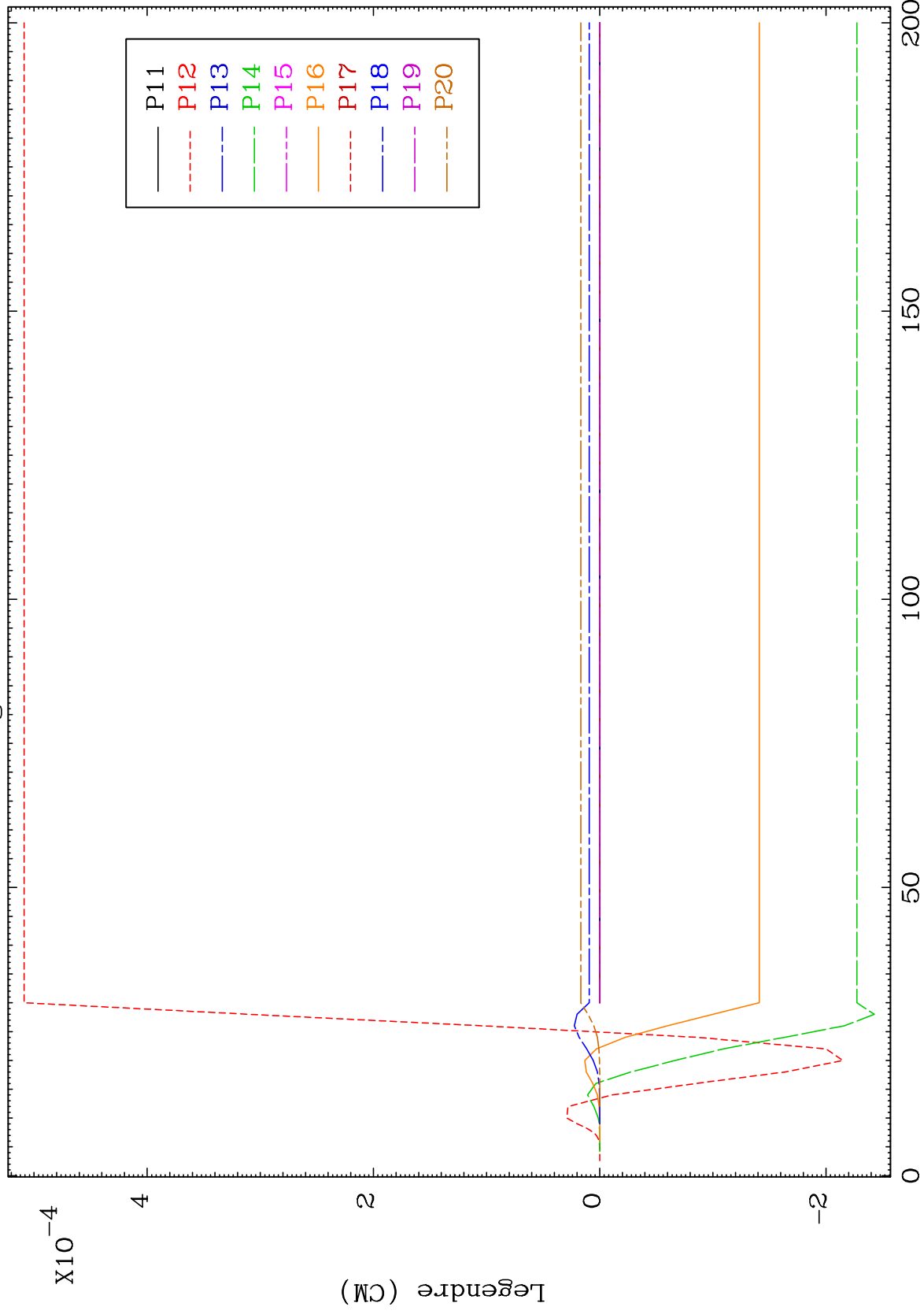
79-Au-187



MAT 7895

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

79-Au-187



36

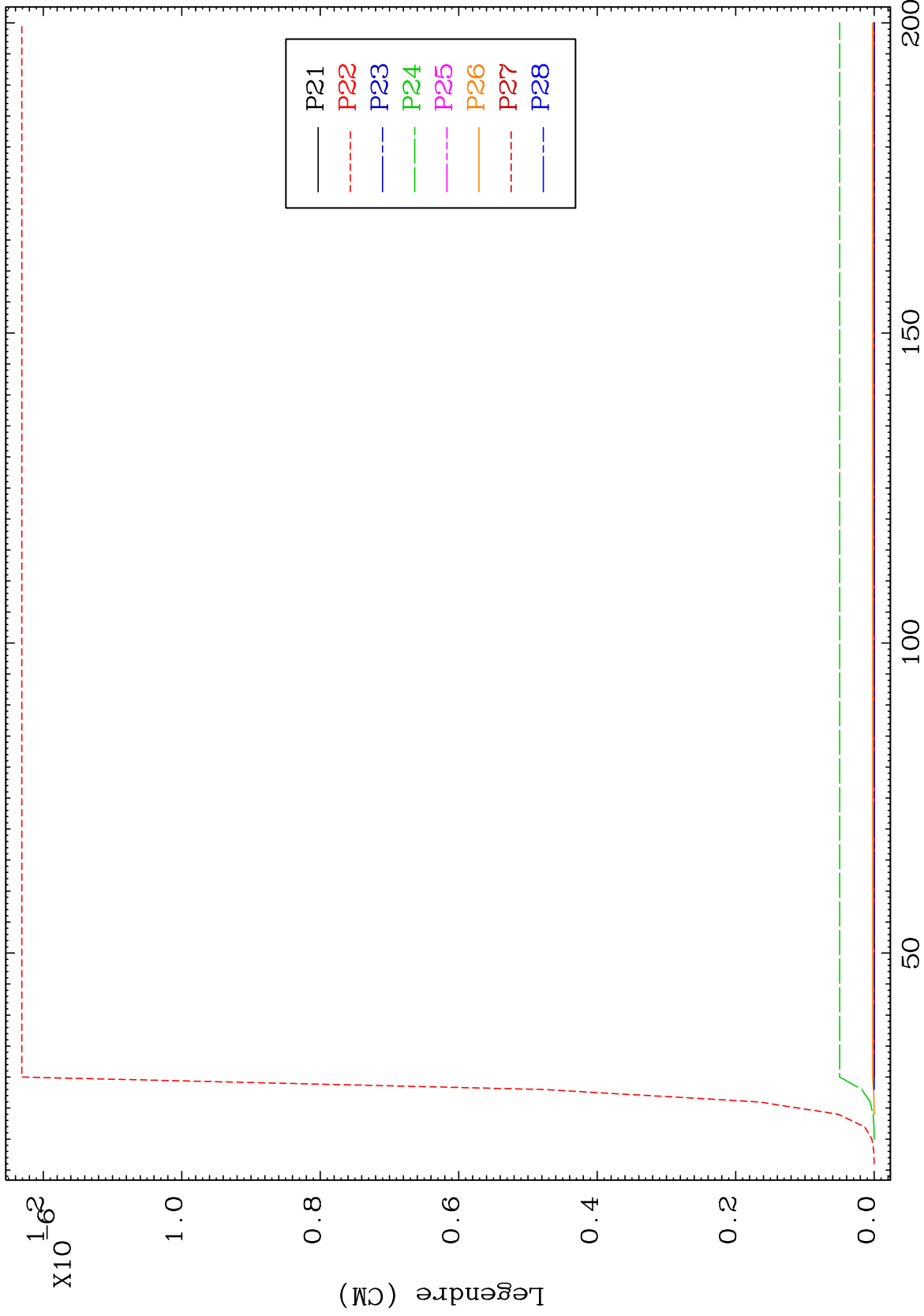
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187

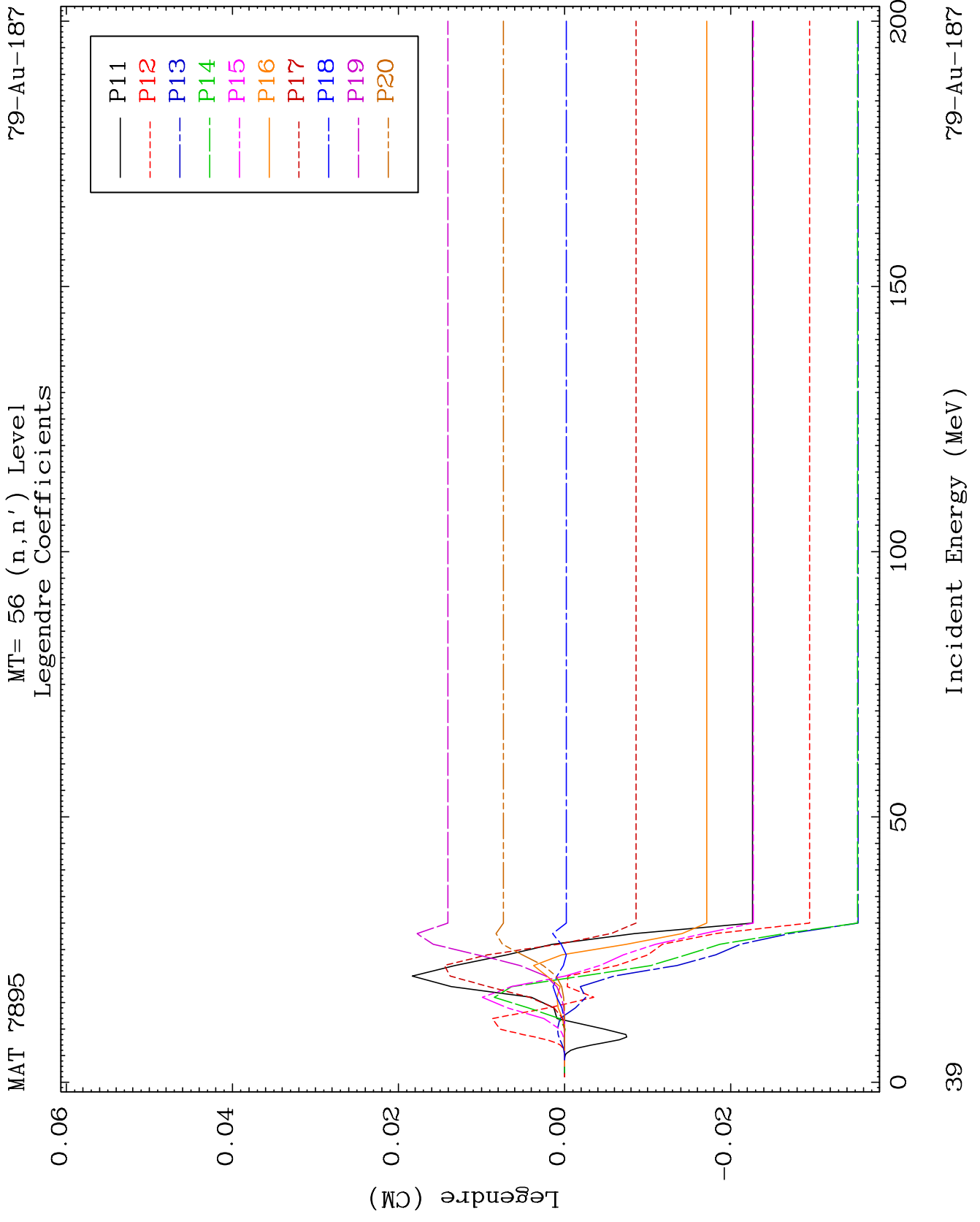


37

Incident Energy (MeV)

79-Au-187



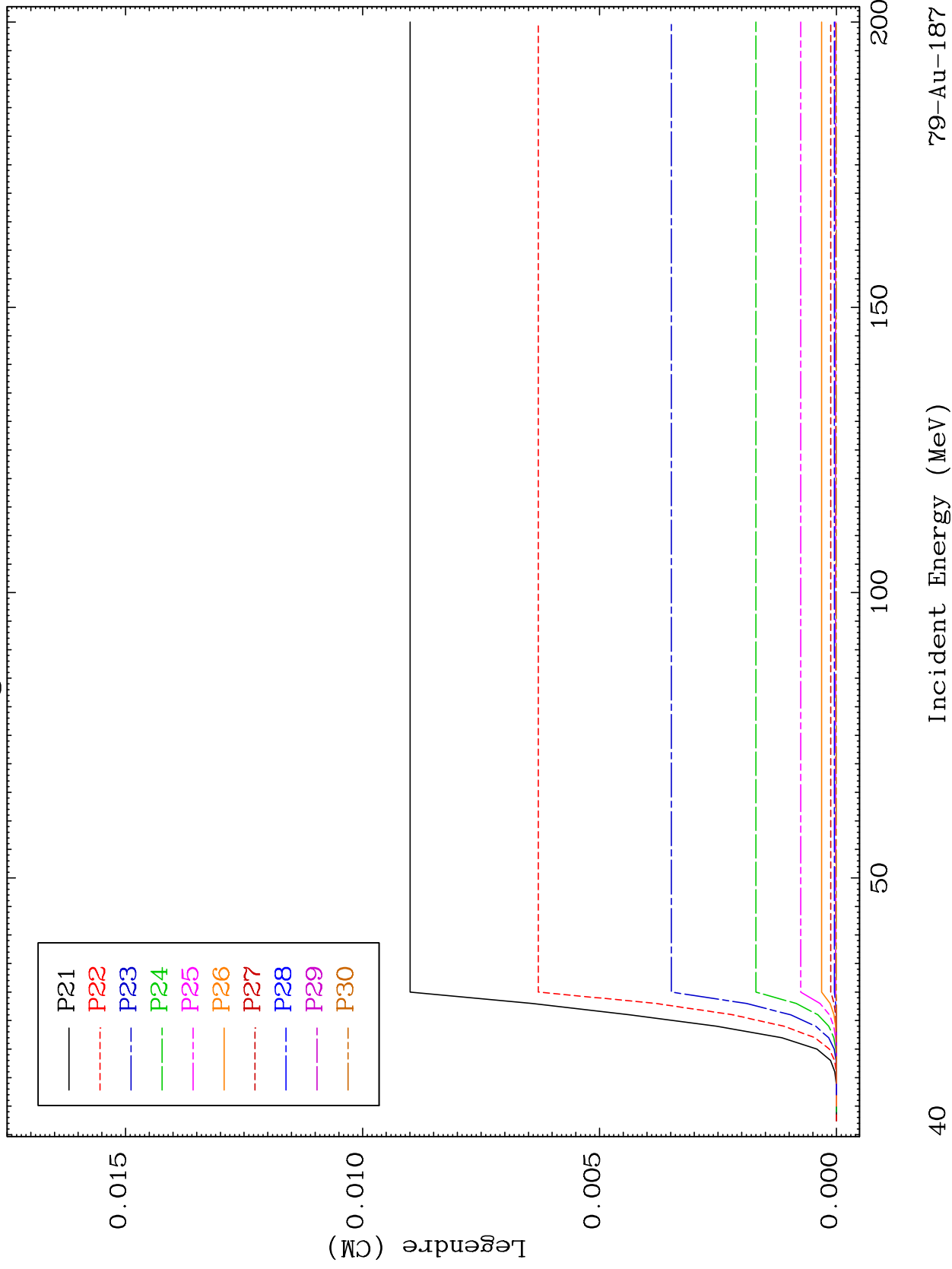




MAT 7895

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

79-Au-187



40

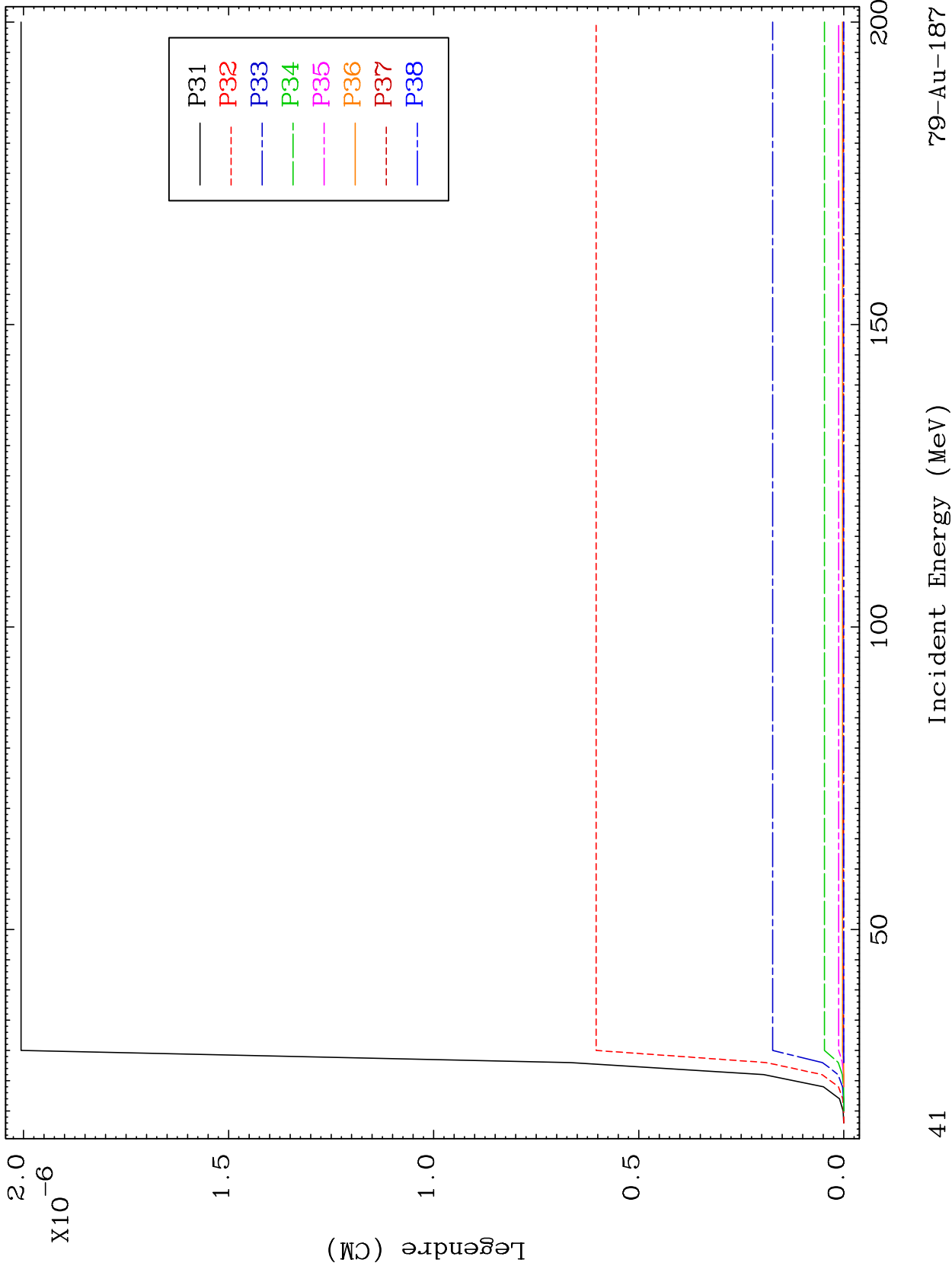
Incident Energy (MeV)

79-Au-187

MAT 7895

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

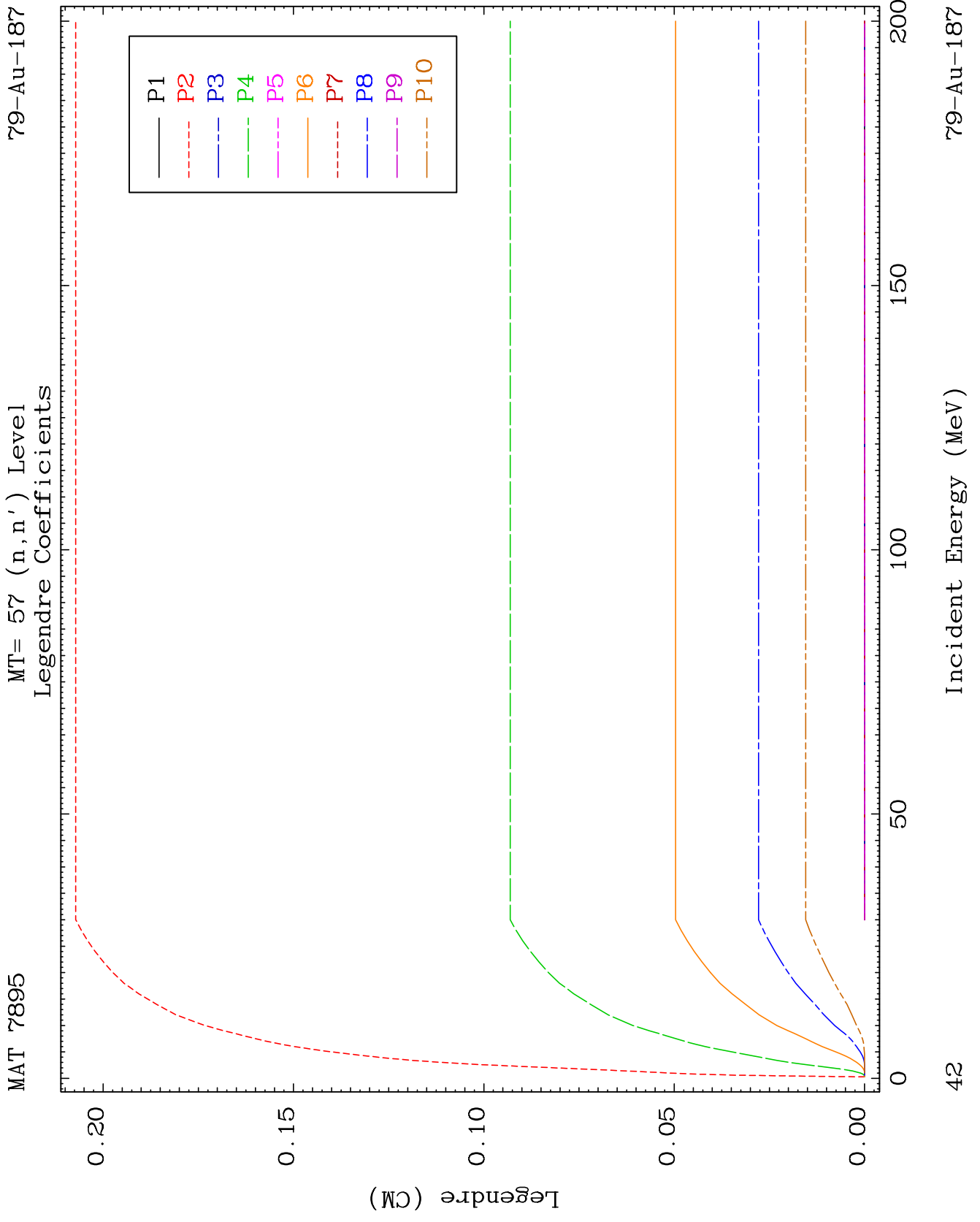
79-Au-187



41

Incident Energy (MeV)

79-Au-187



79-Au-187

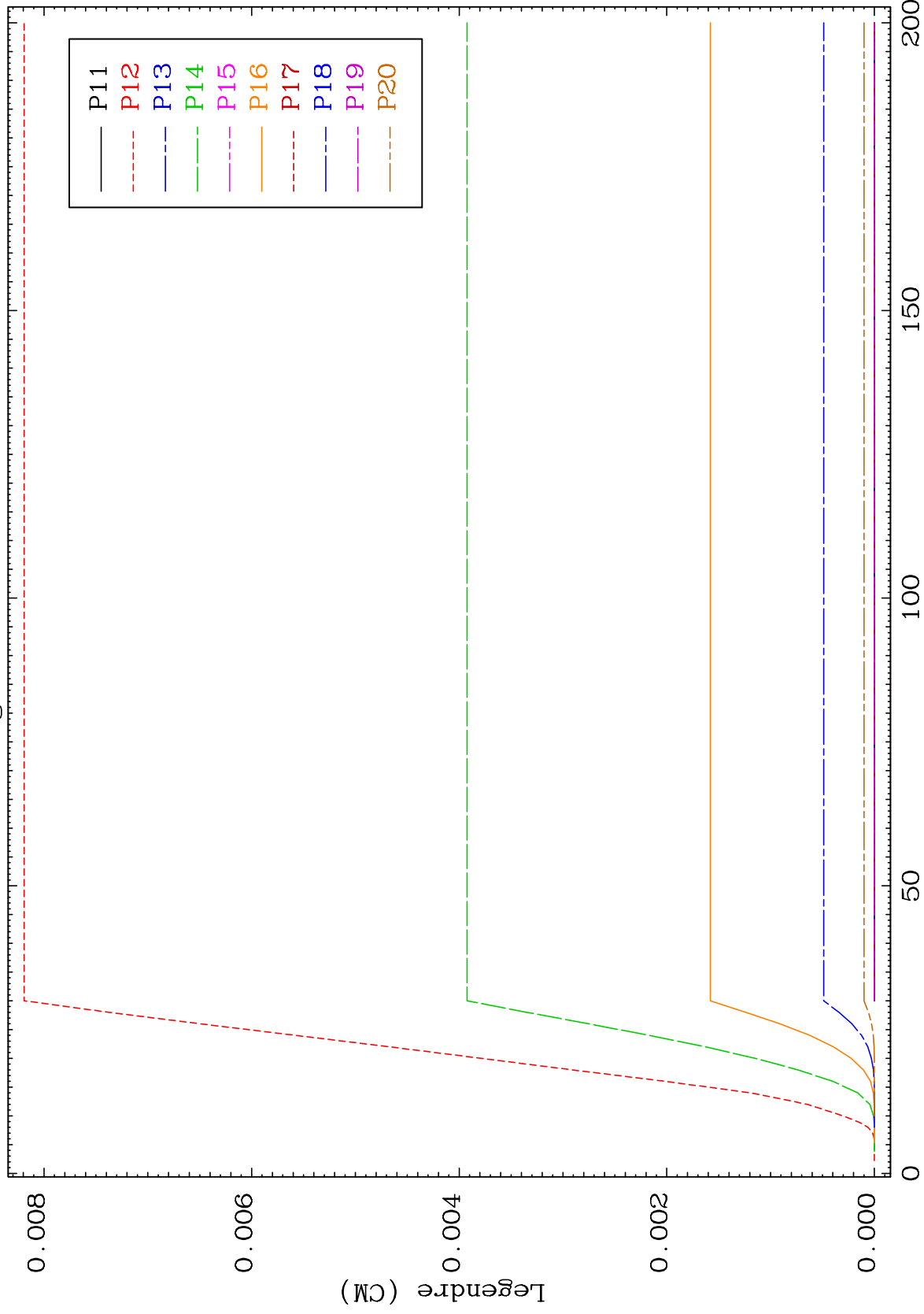
Incident Energy (MeV)

42

MAT 7895

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

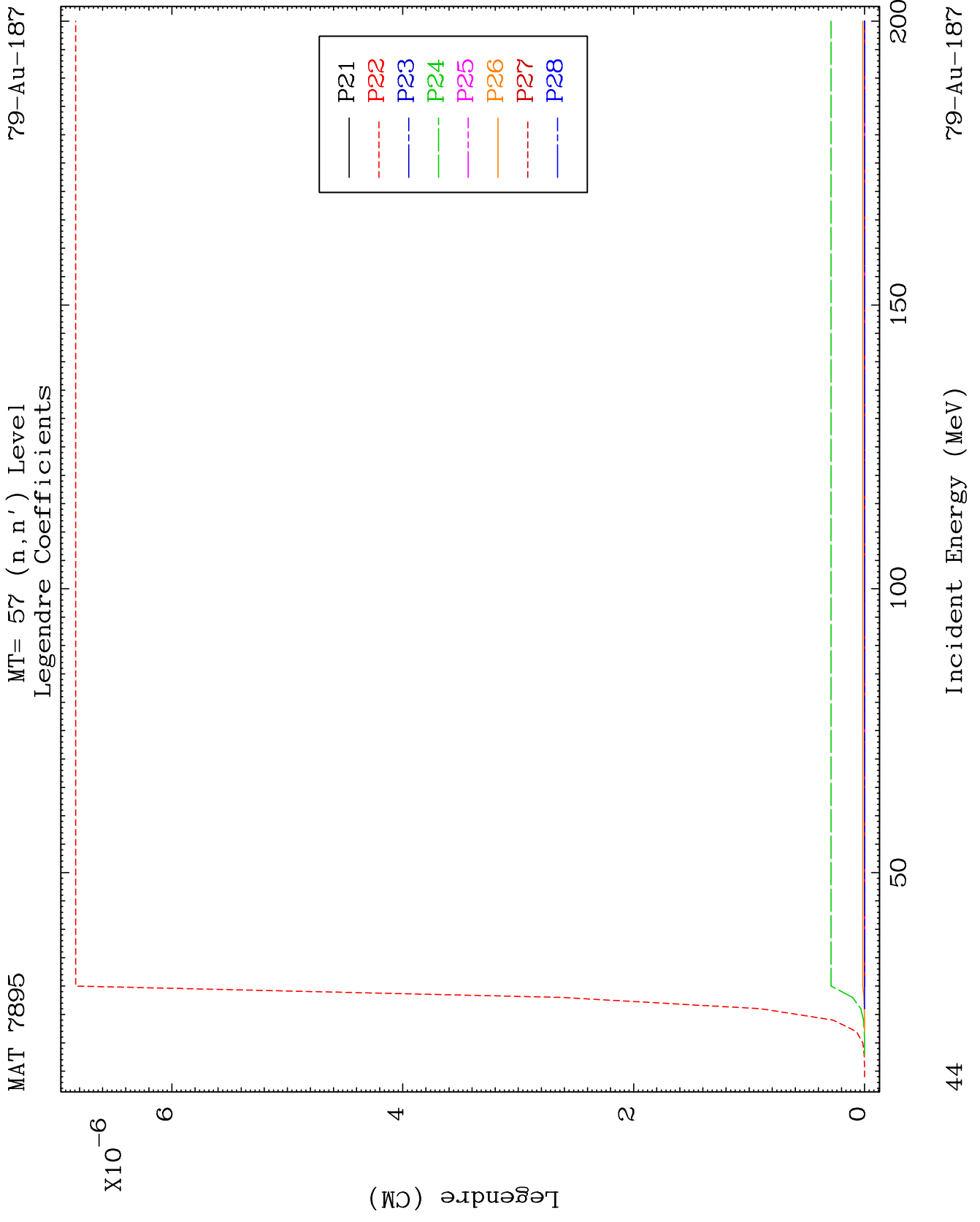
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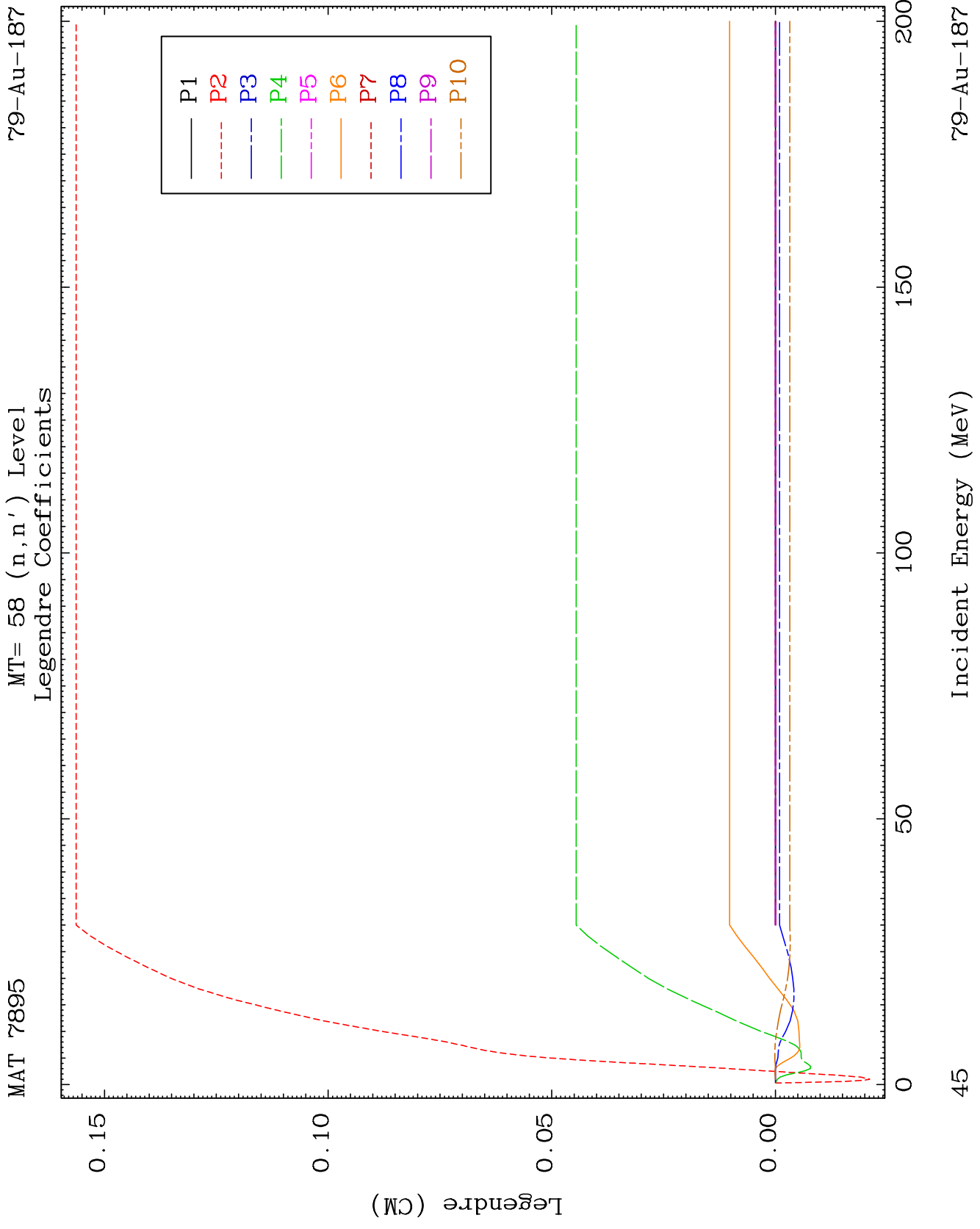


43

Incident Energy (MeV)

79-Au-187

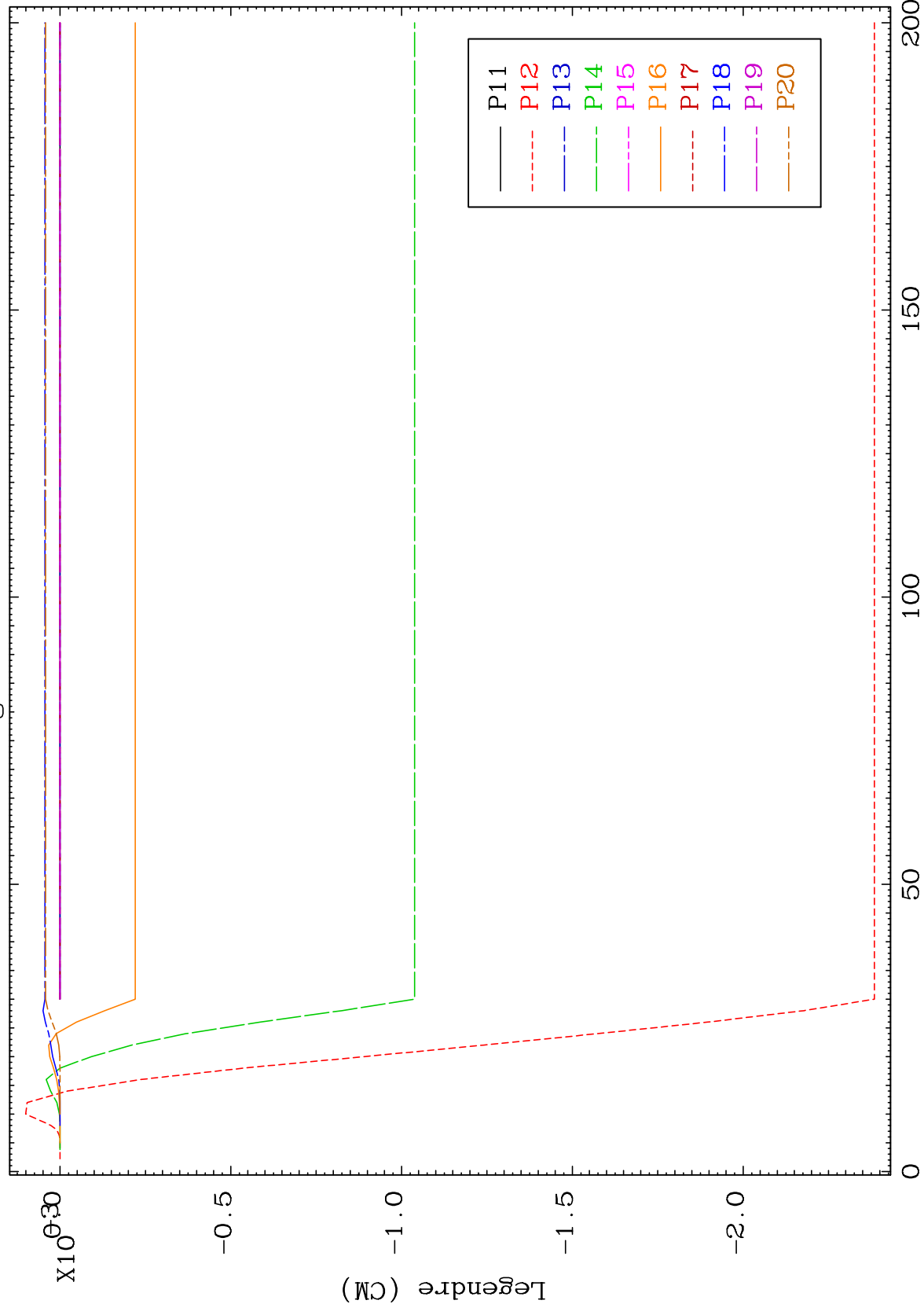




MAT 7895

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

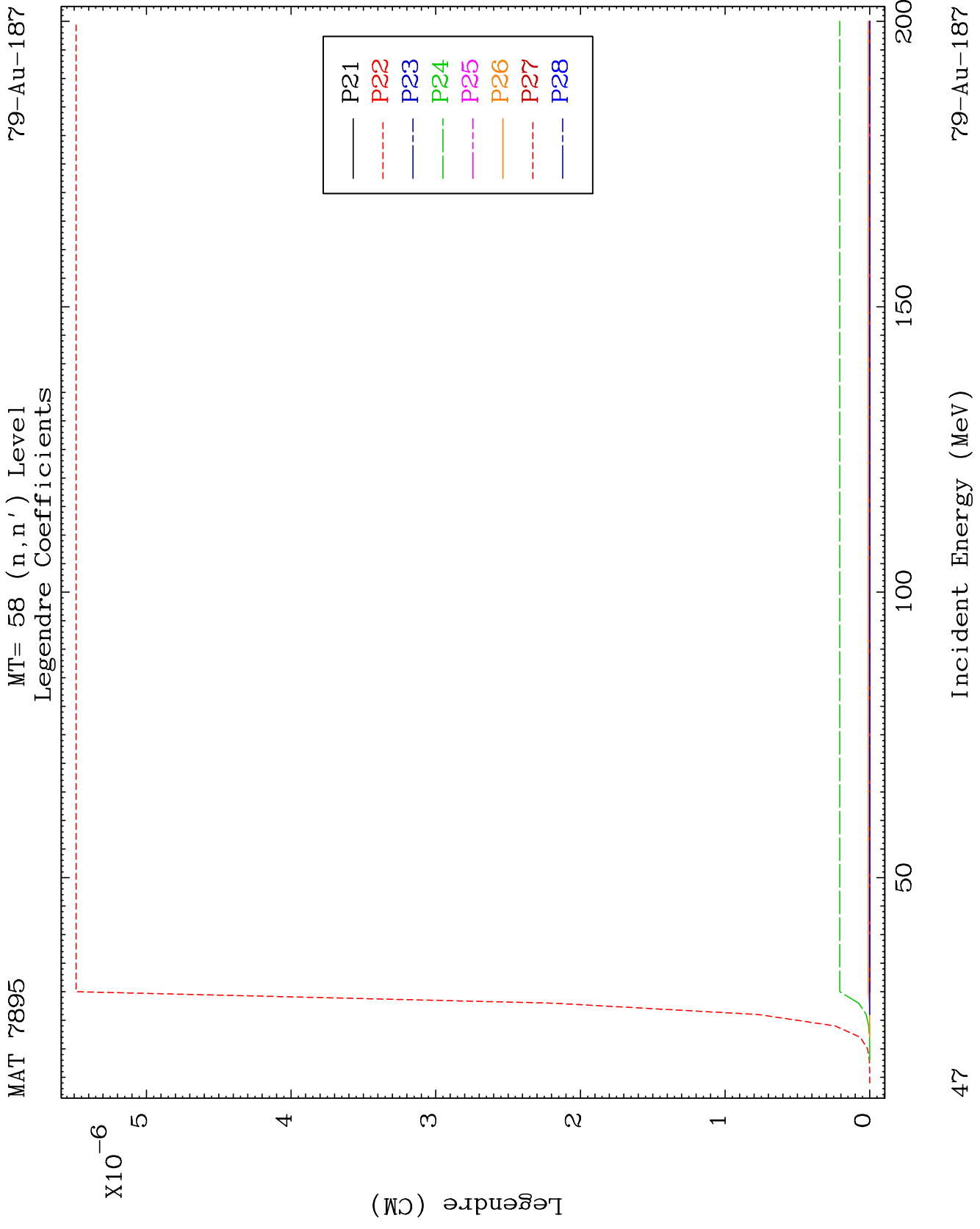
79-Au-187



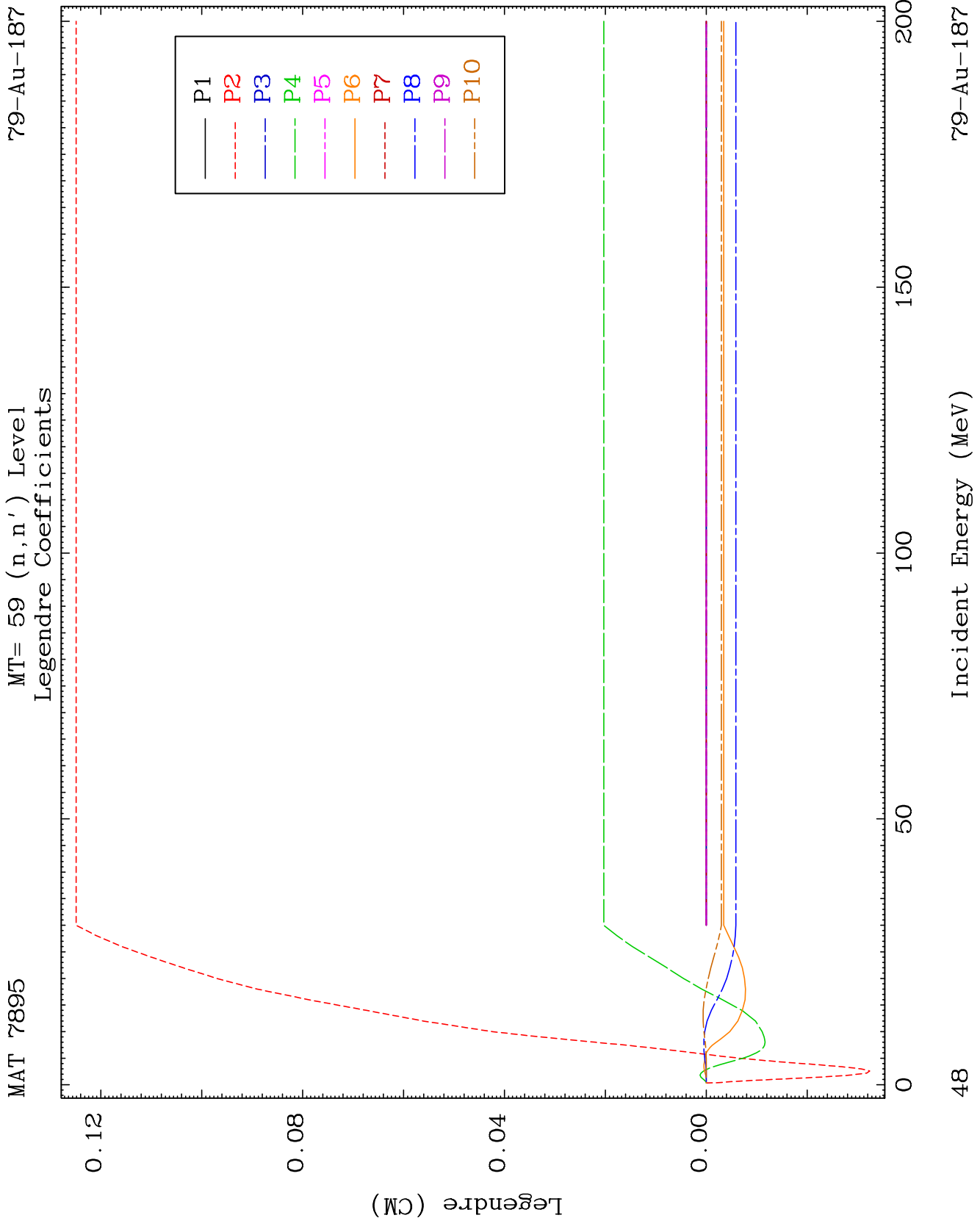
46

Incident Energy (MeV)

79-Au-187



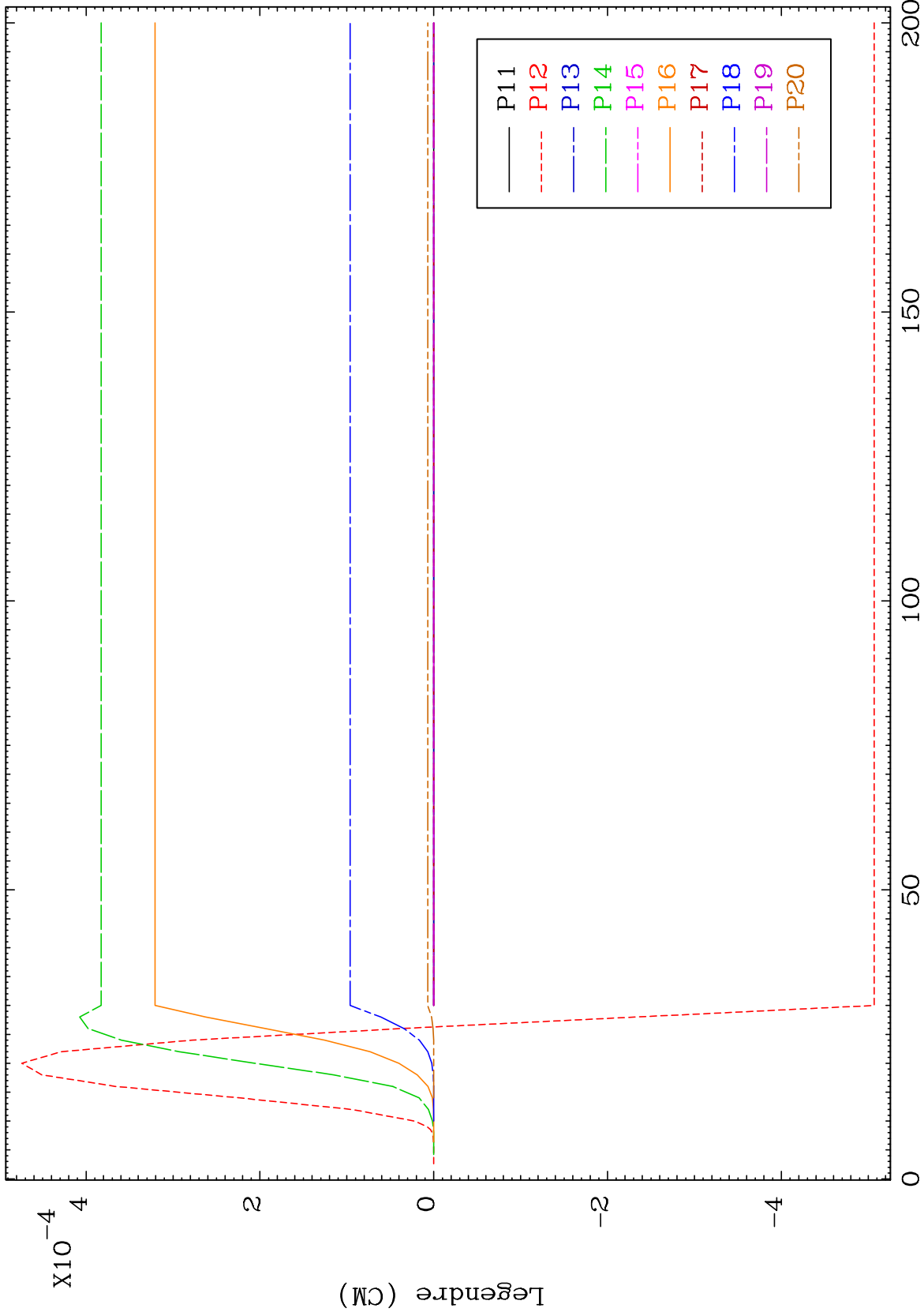




MAT 7895

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

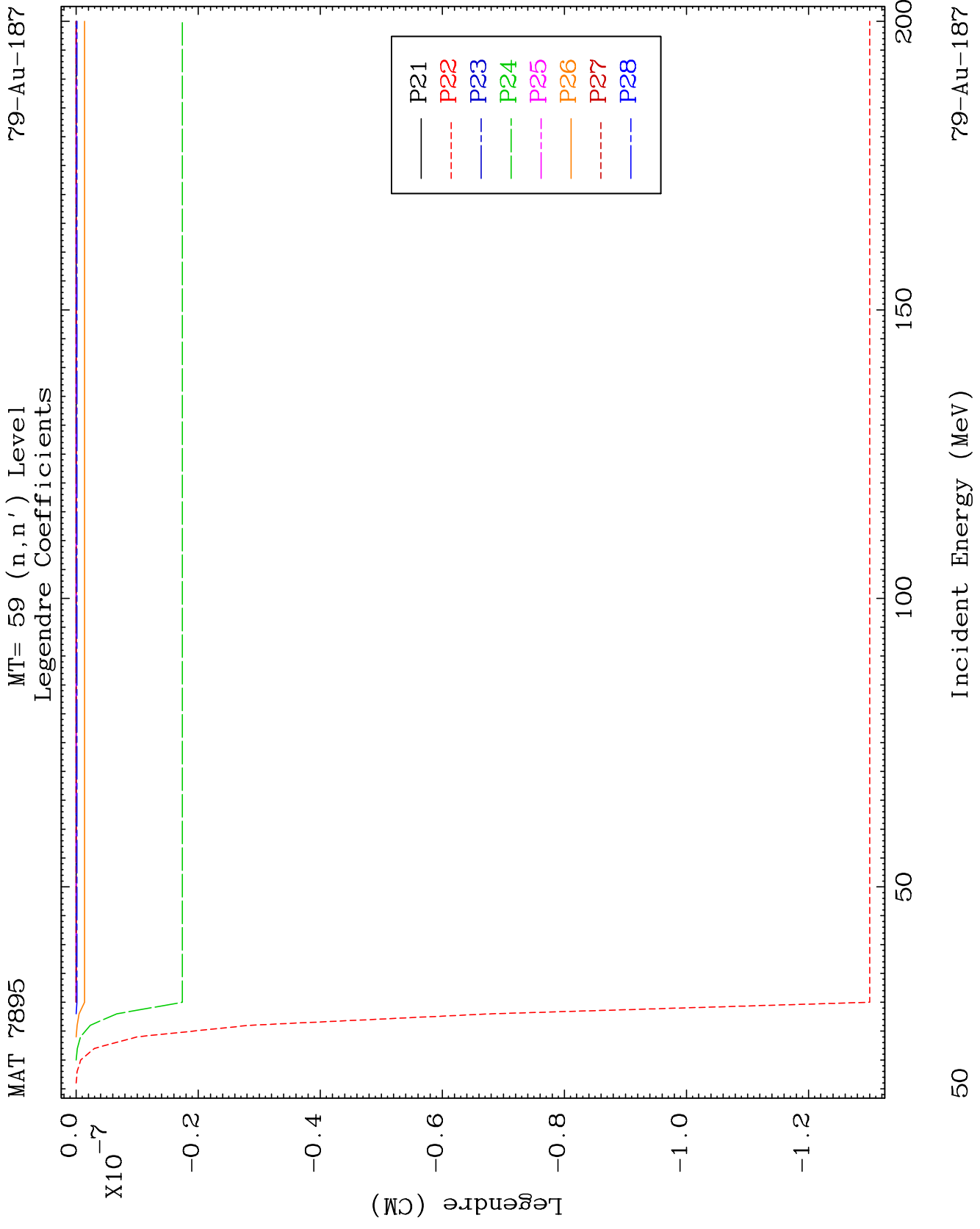
79-Au-187



49

Incident Energy (MeV)

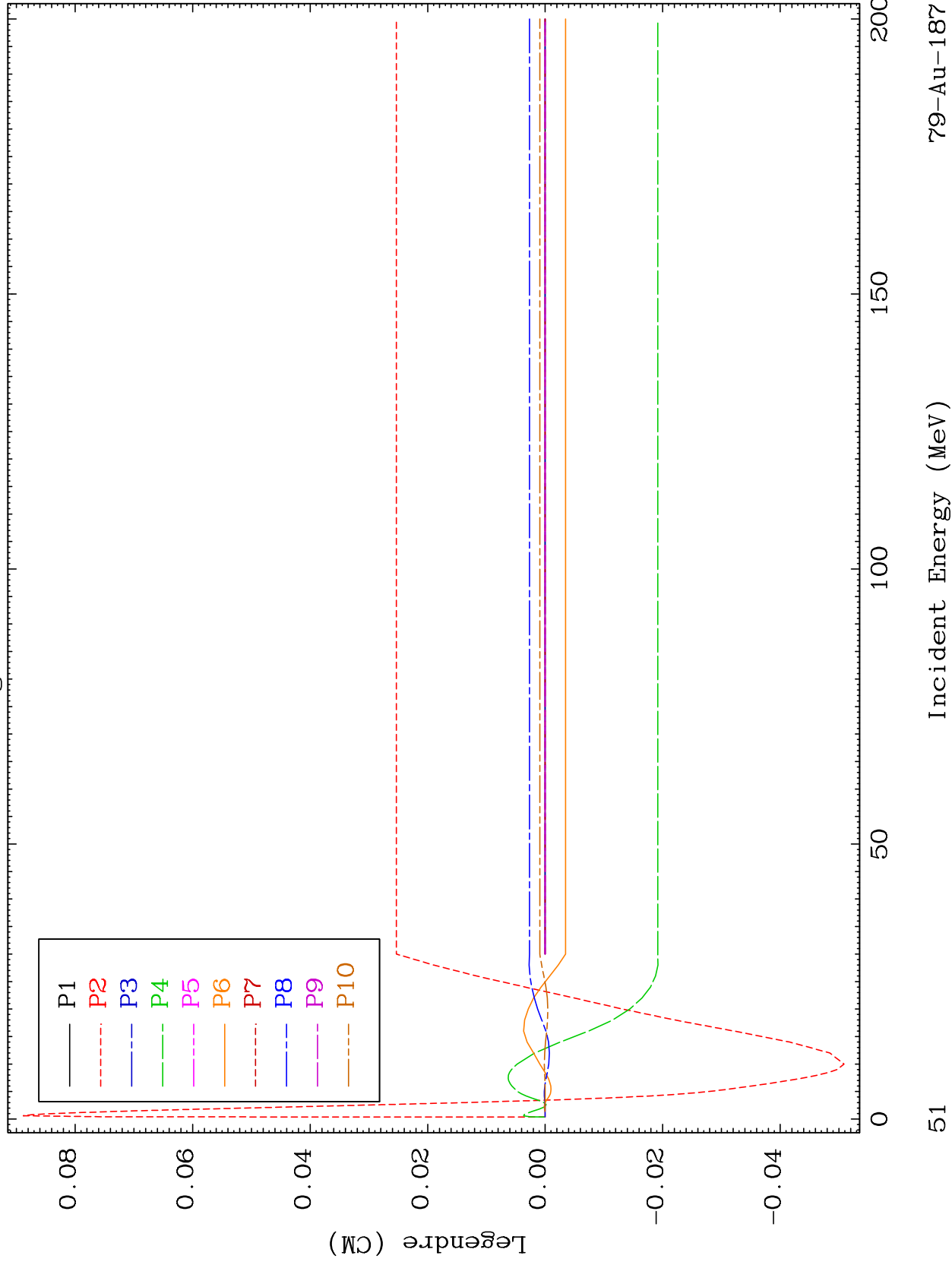
79-Au-187



MAT 7895

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

79-Au-187



79-Au-187

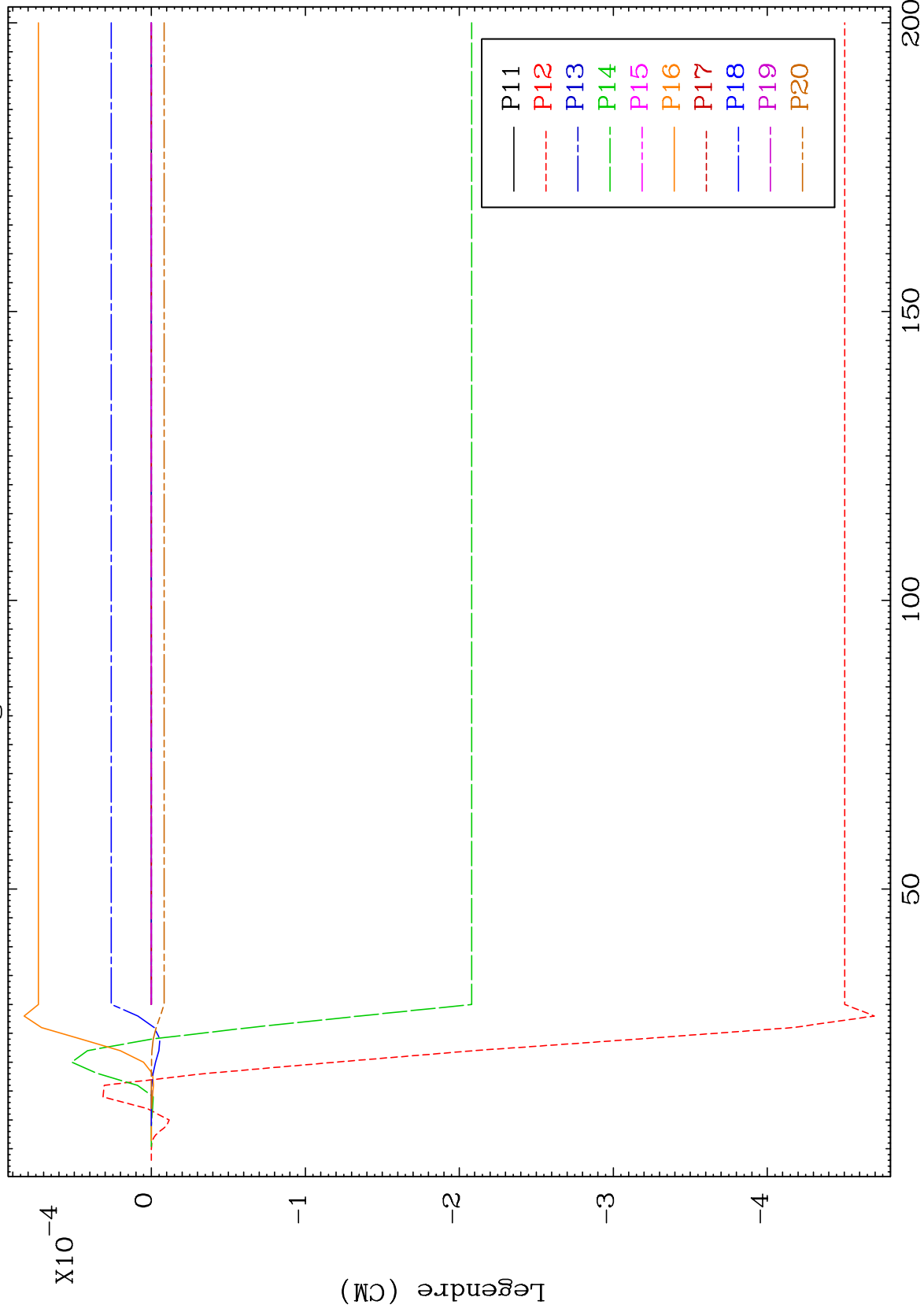
Incident Energy (MeV)

51

MAT 7895

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

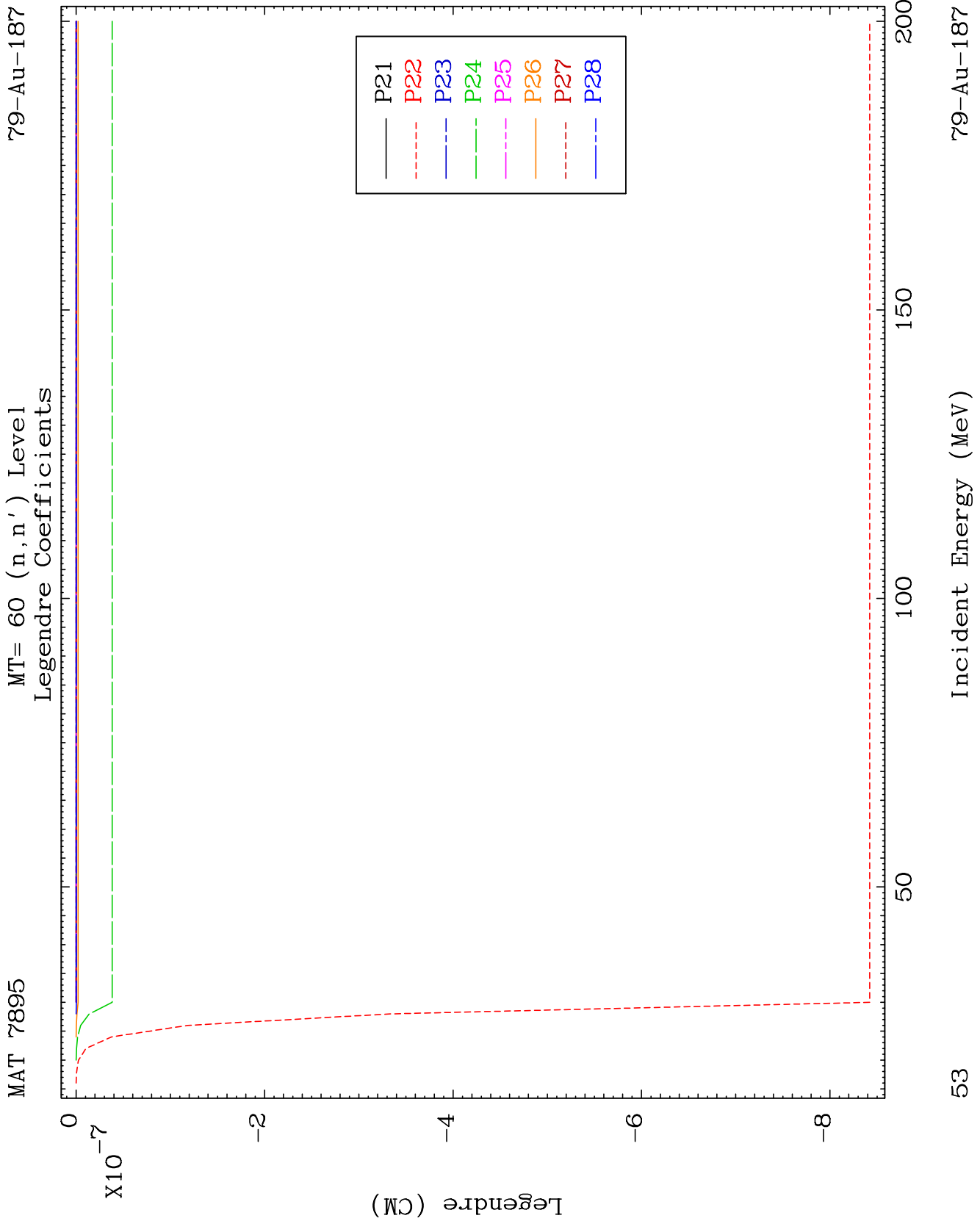
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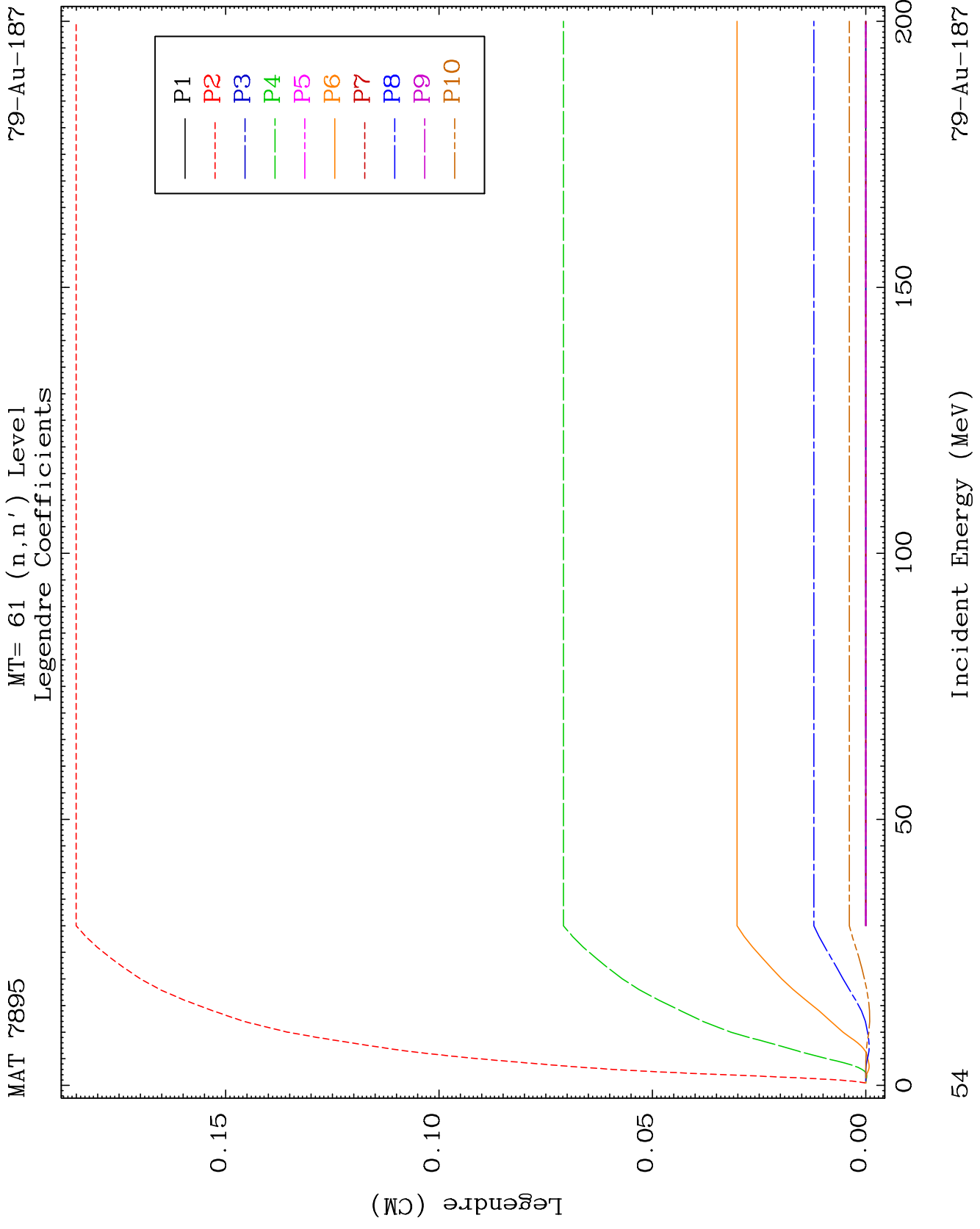


52

Incident Energy (MeV)

79-Au-187

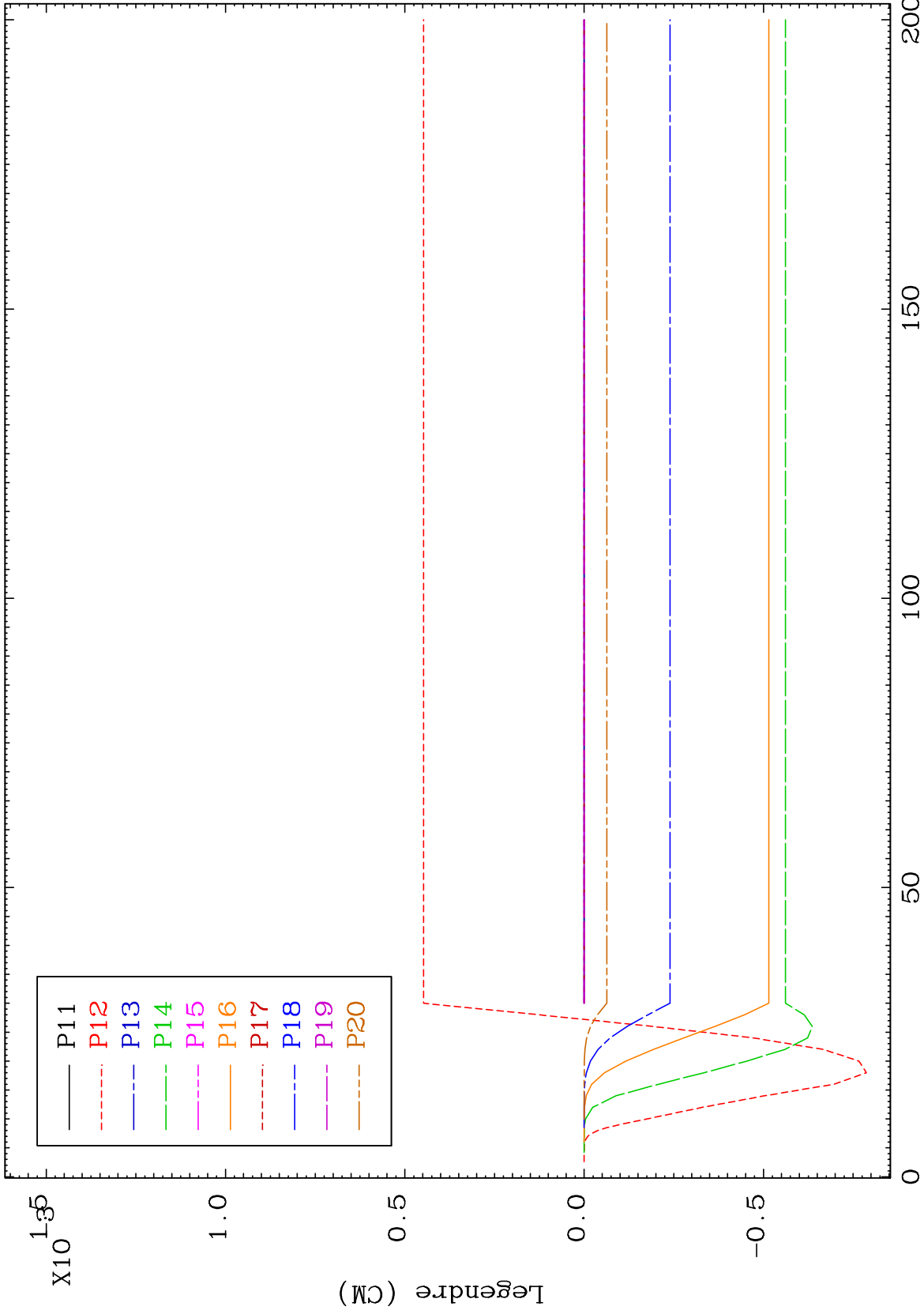




MAT 7895

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

79-Au-187

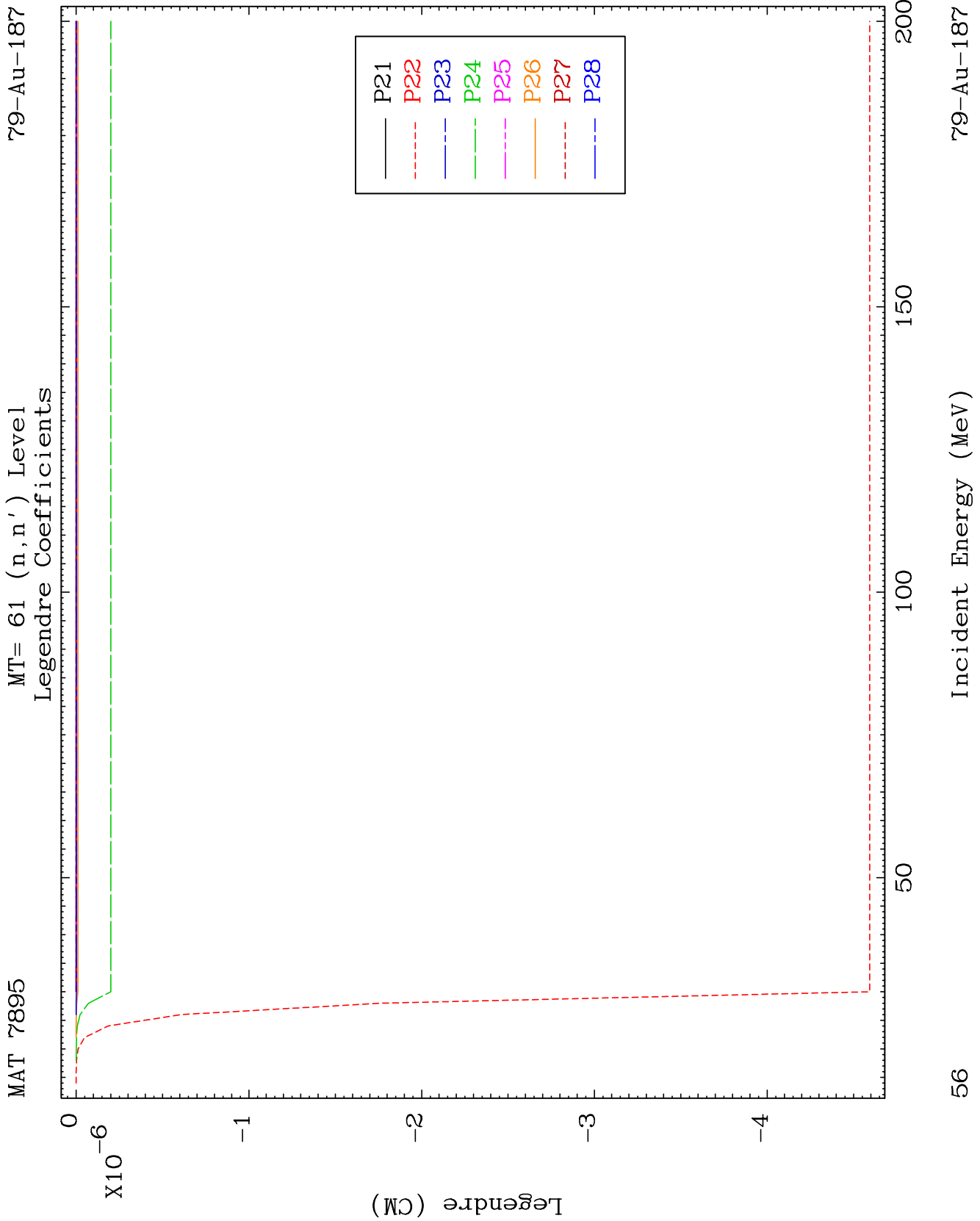


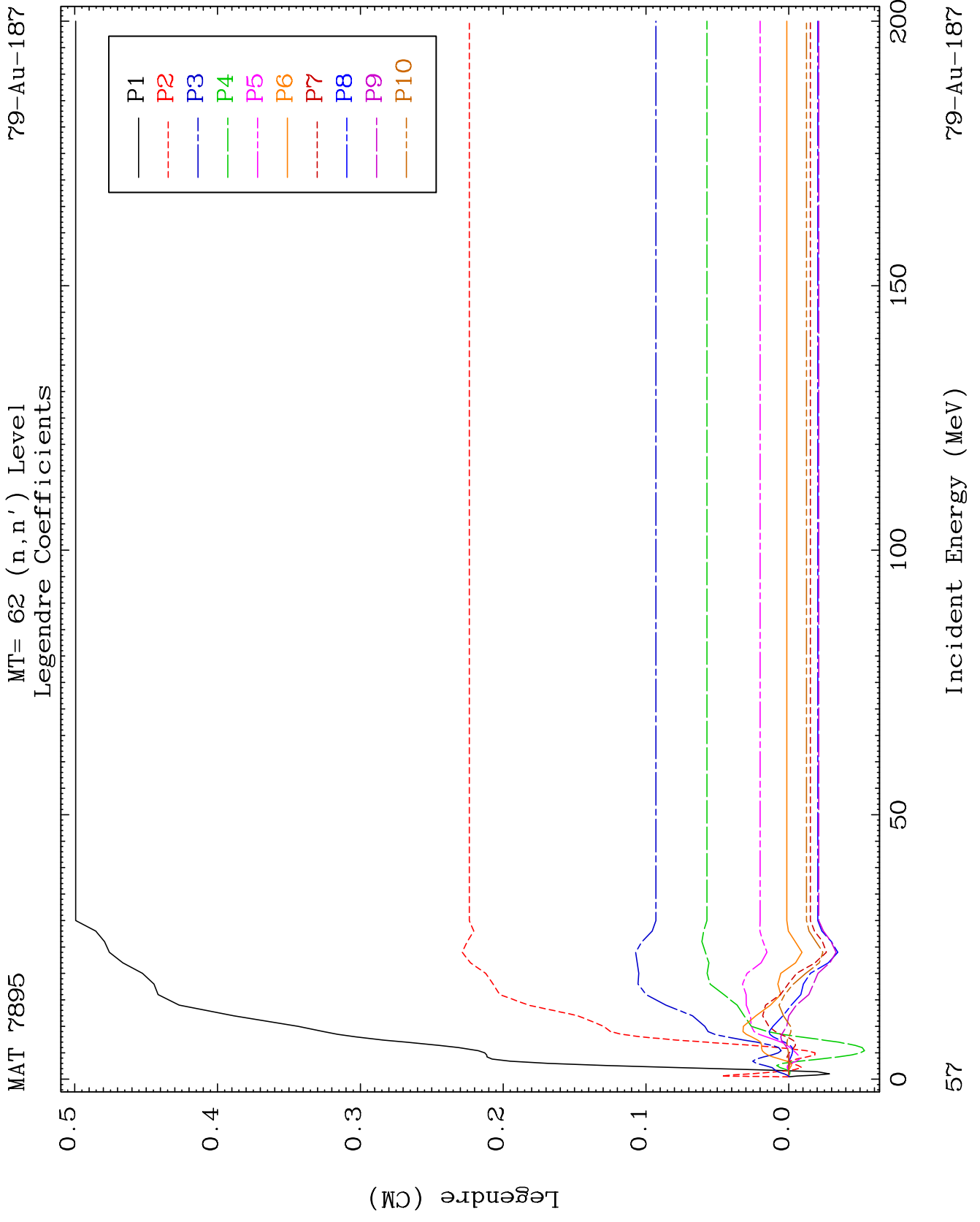
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Incident Energy (MeV)

79-Au-187



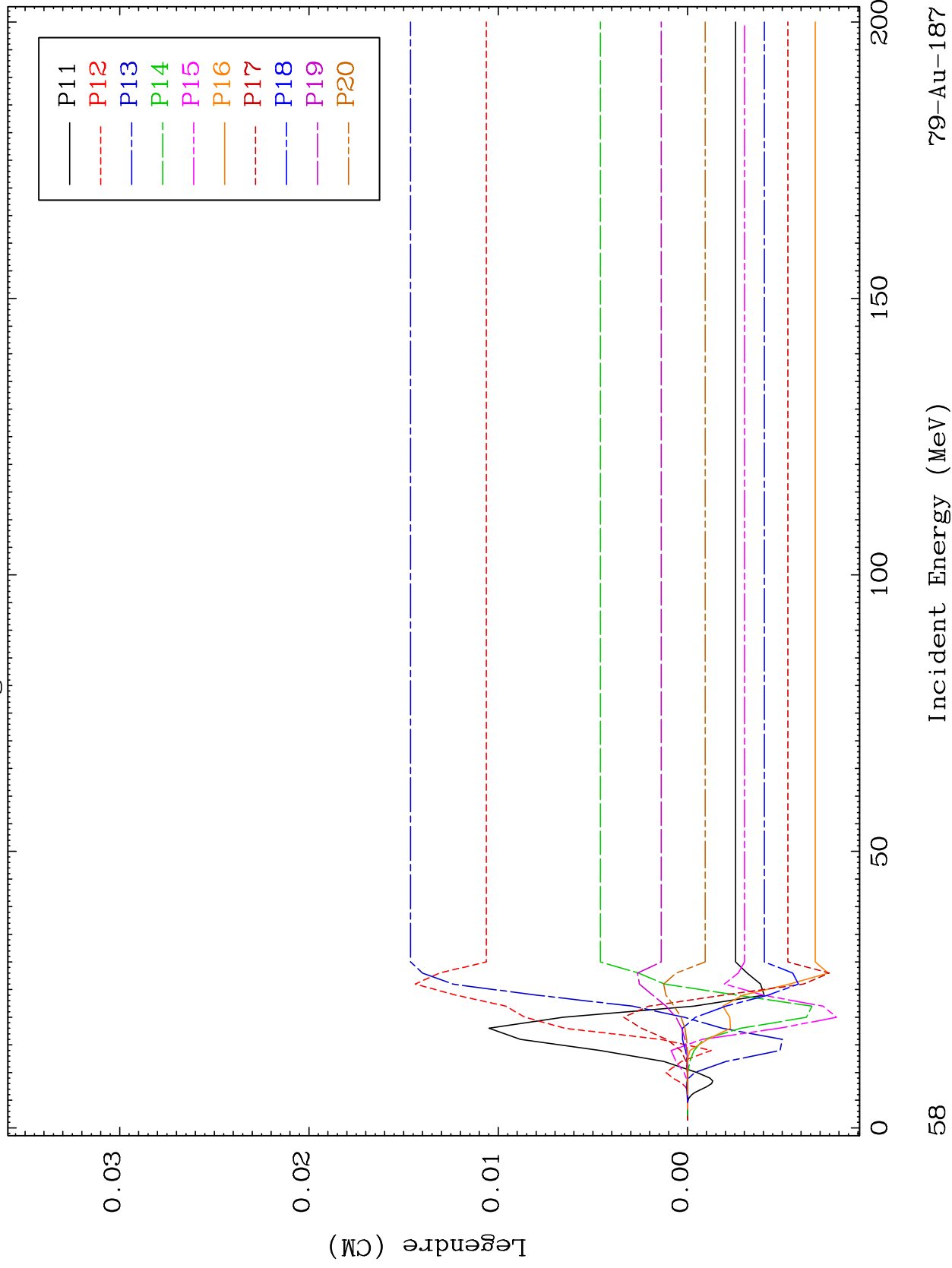




MAT 7895

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

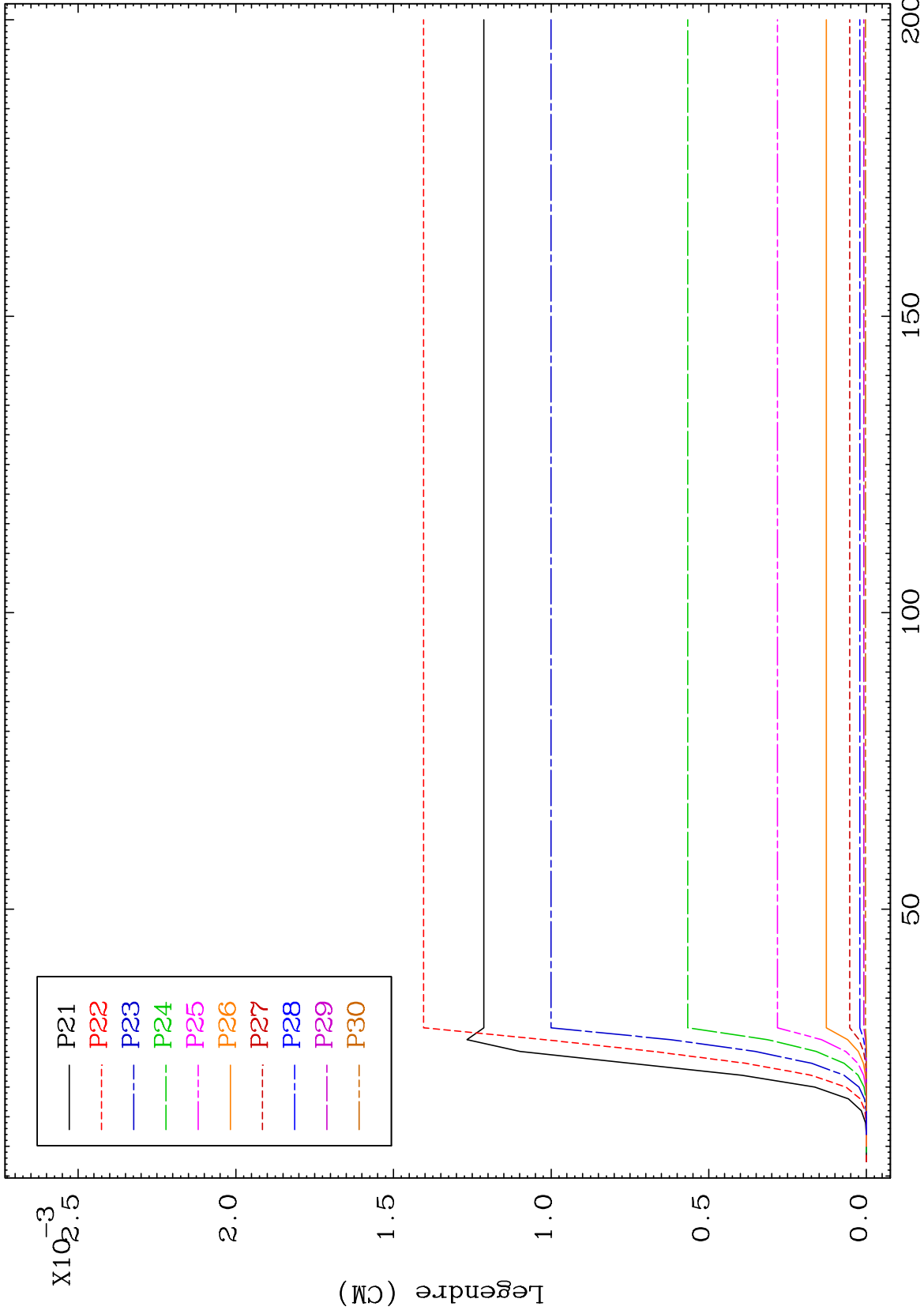
79-Au-187



79-Au-187

Incident Energy (MeV)

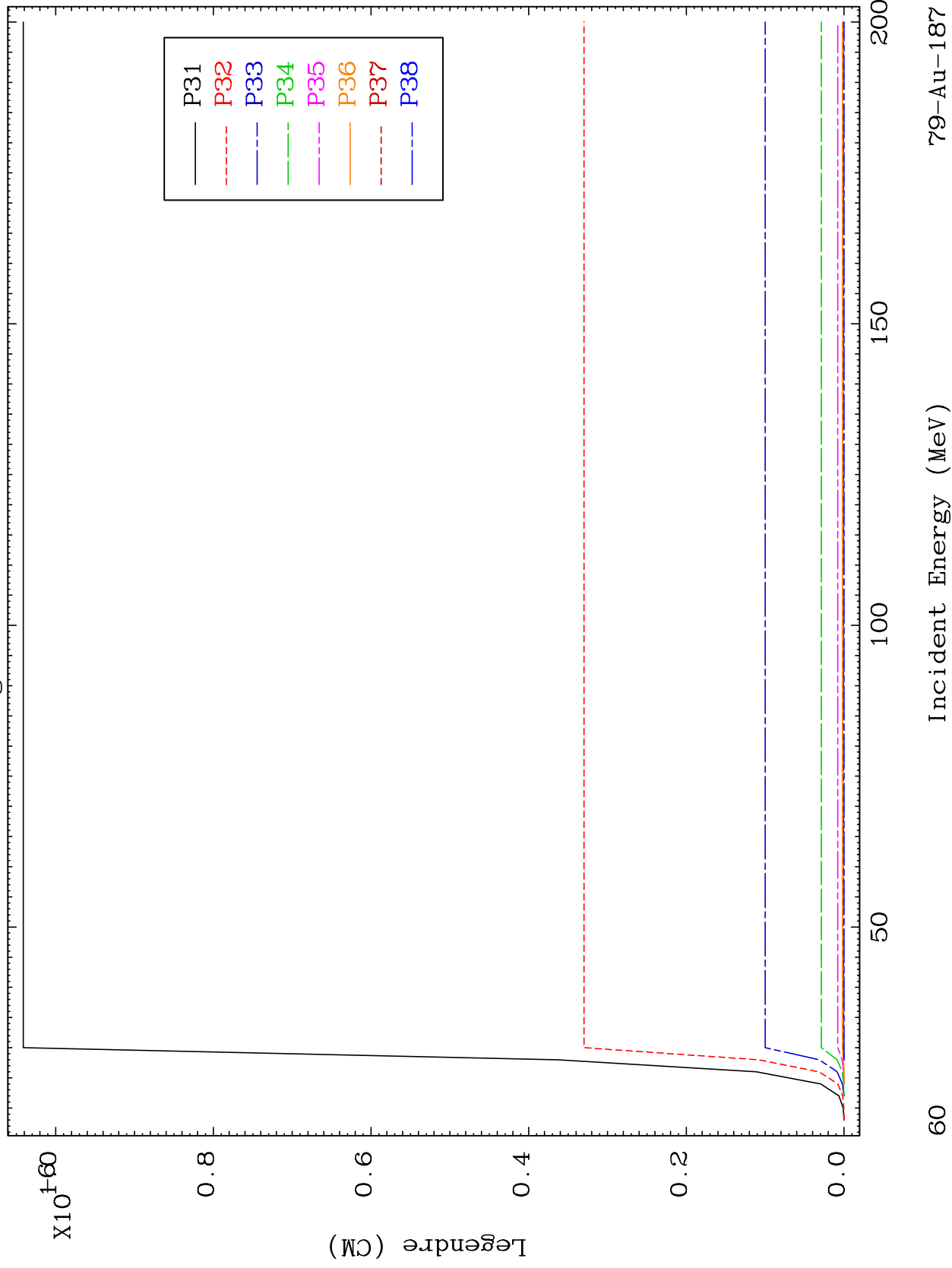
58



MAT 7895

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

79-Au-187

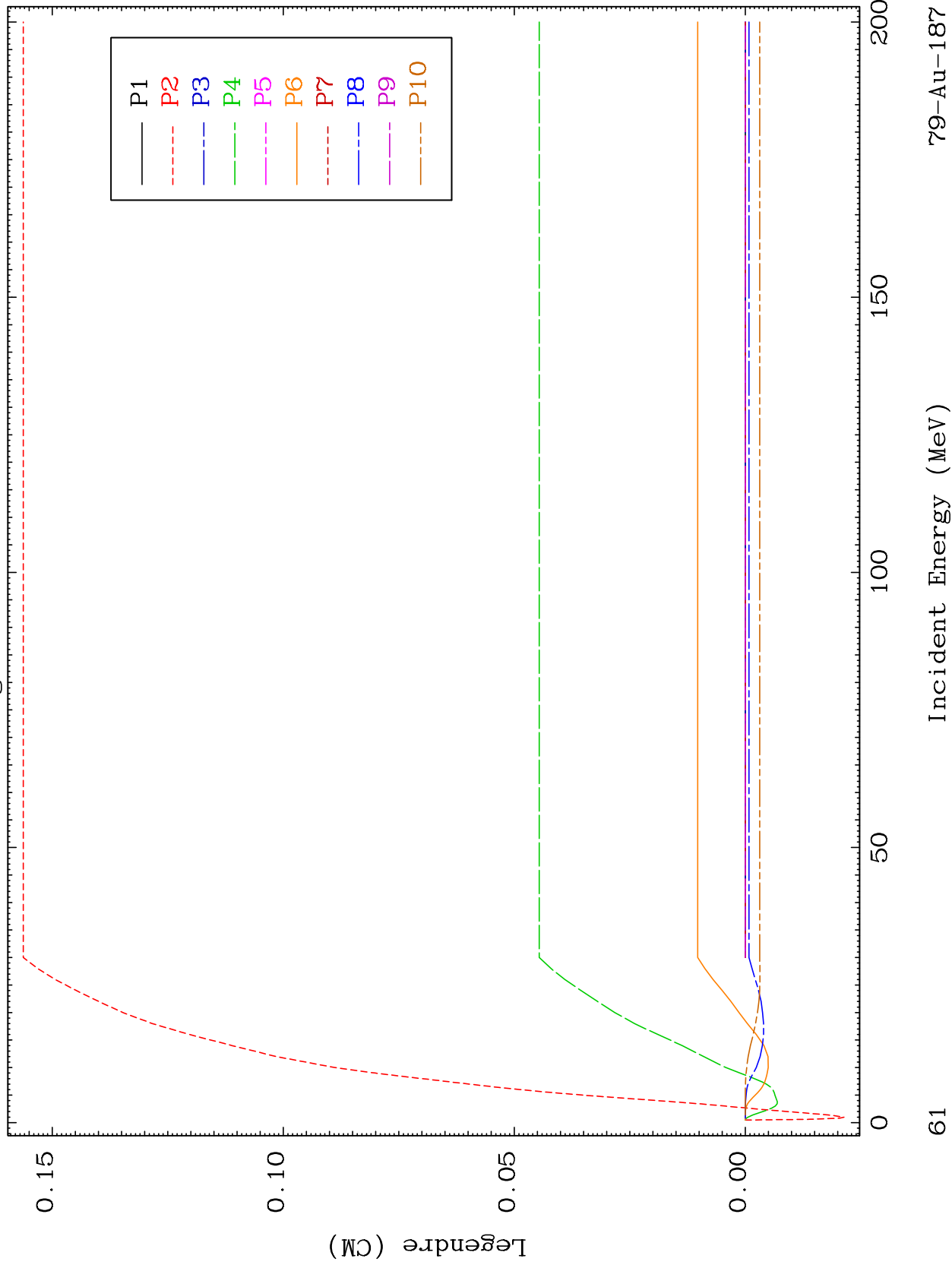


79-Au-187

MAT 7895

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

79-Au-187



61

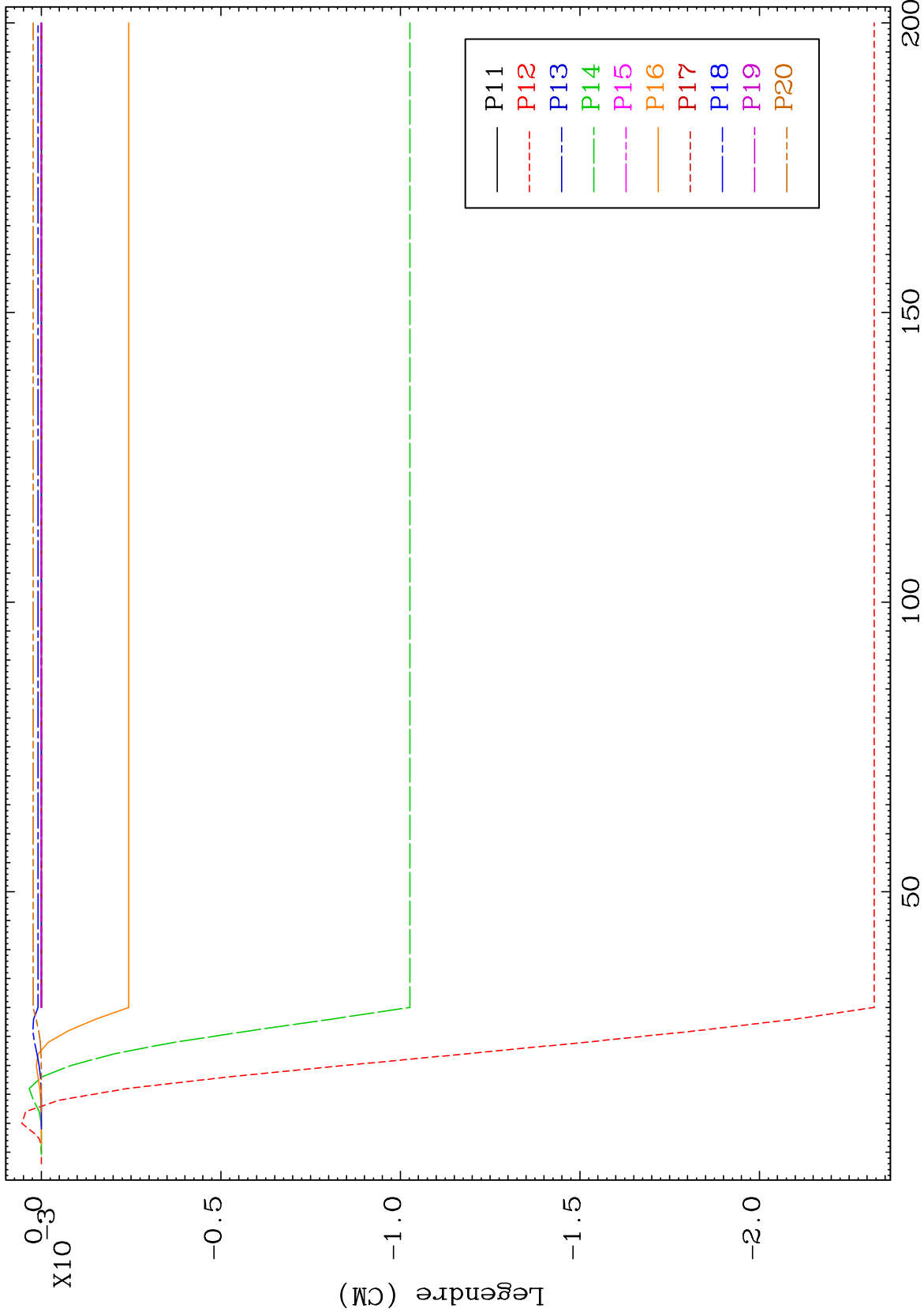
Incident Energy (MeV)

79-Au-187

MAT 7895

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

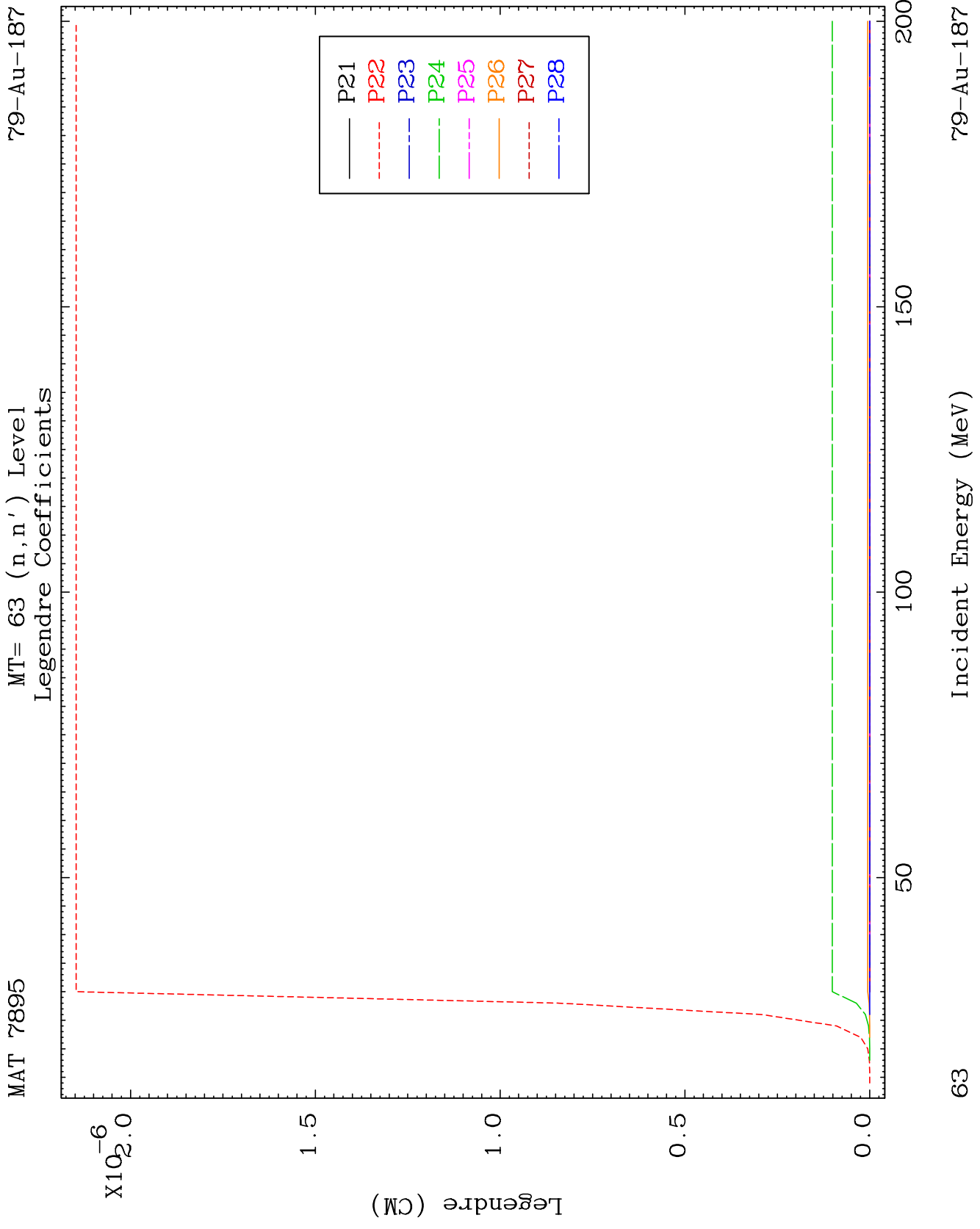
79-Au-187



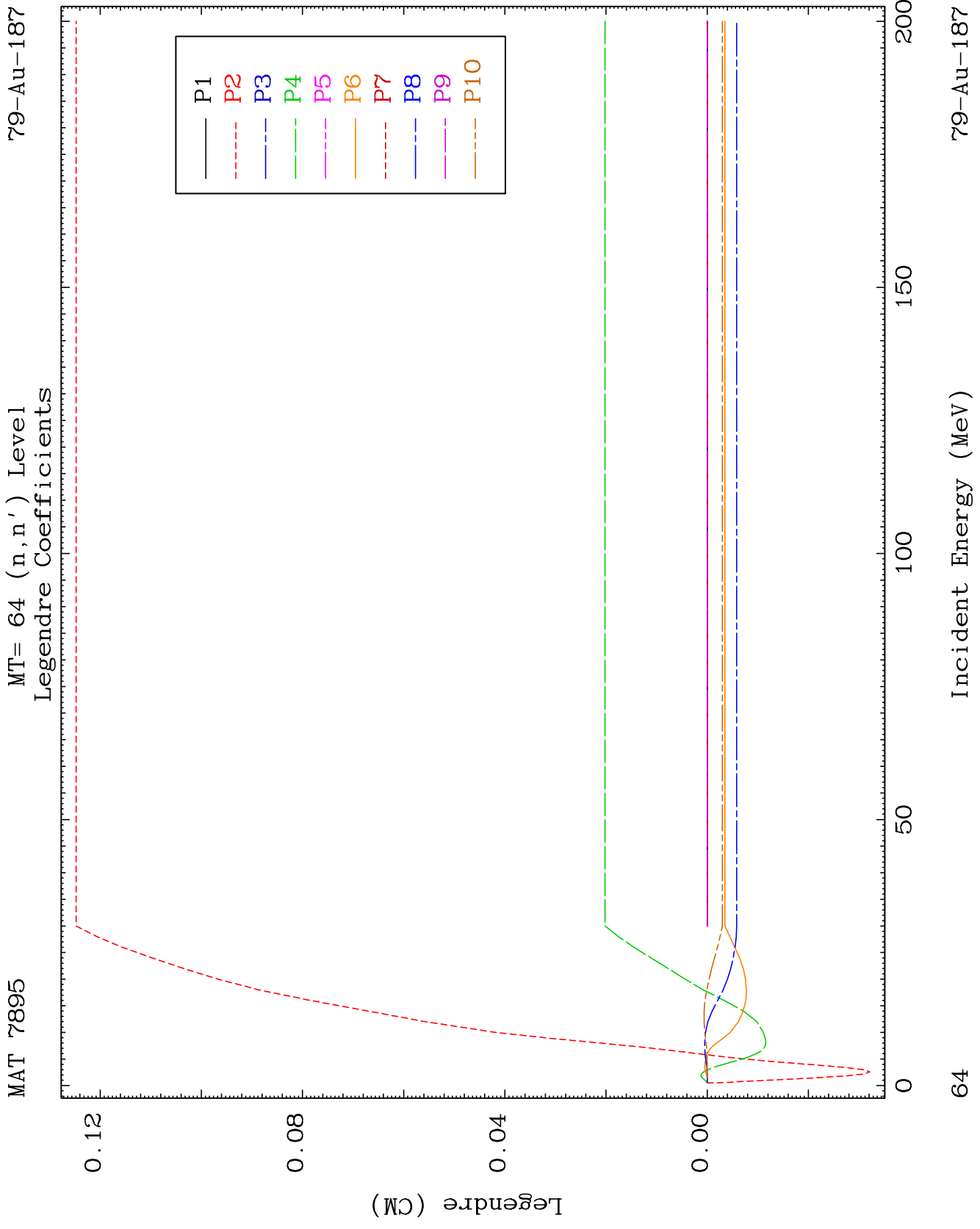
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Incident Energy (MeV)

79-Au-187



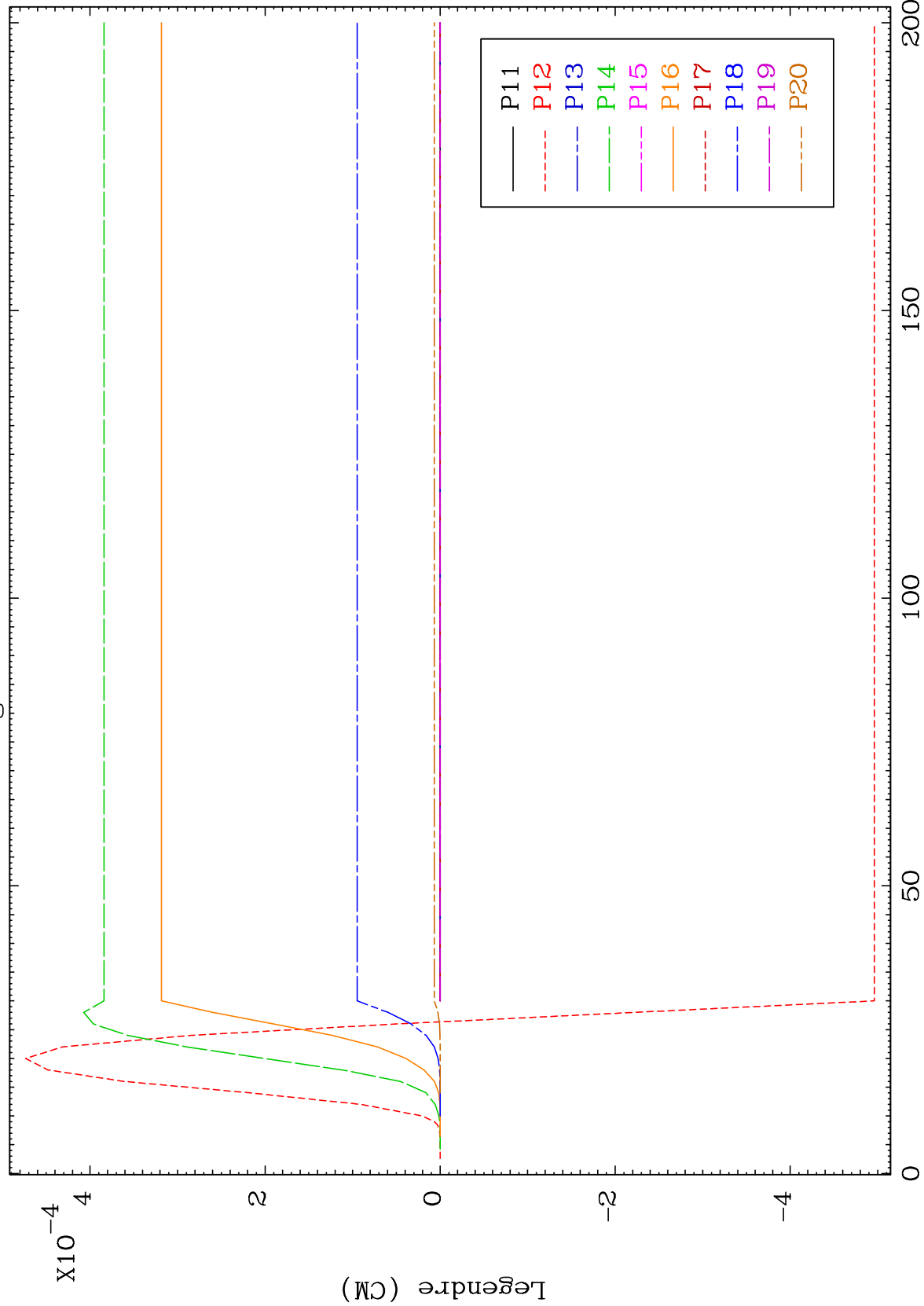




MAT 7895

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

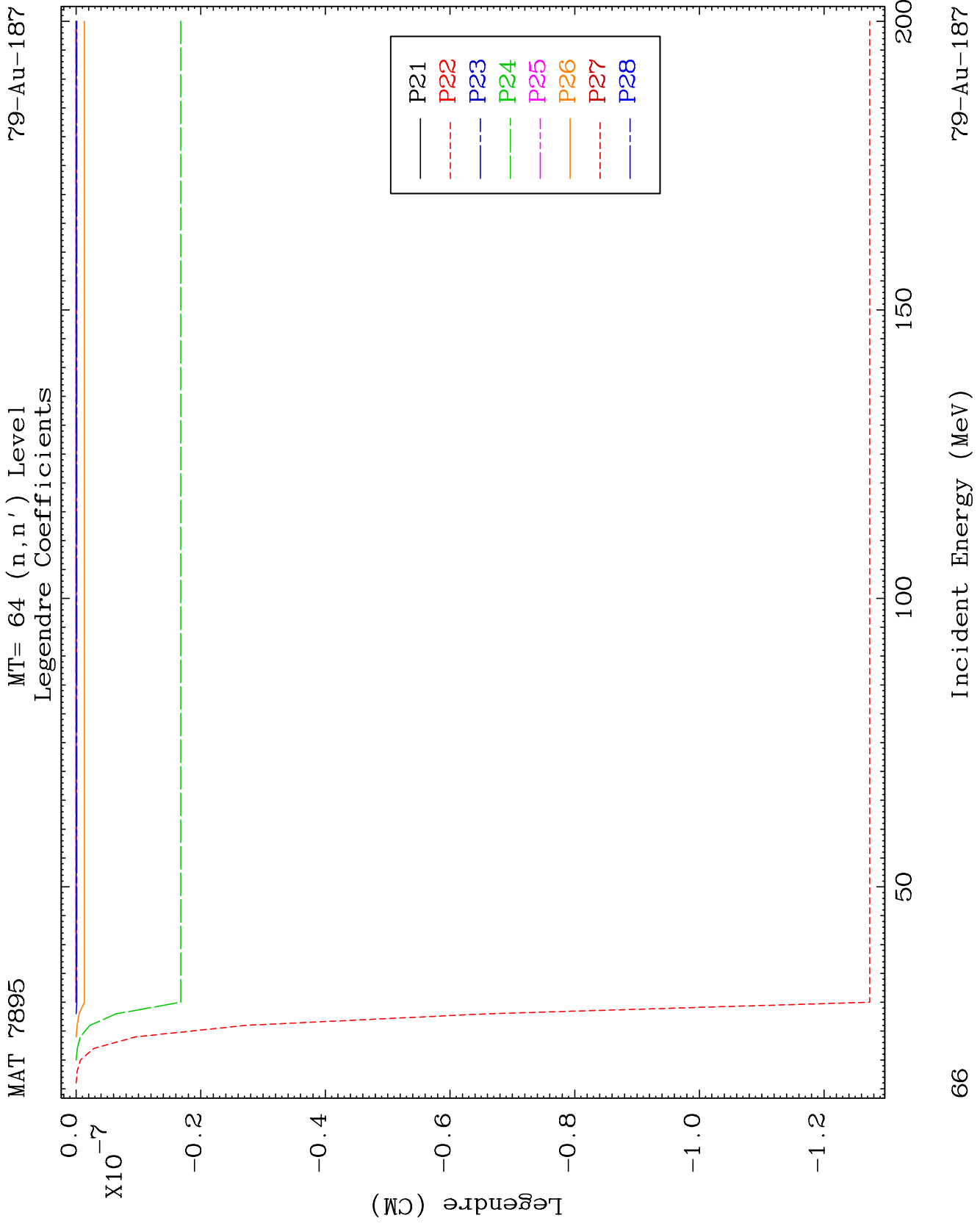
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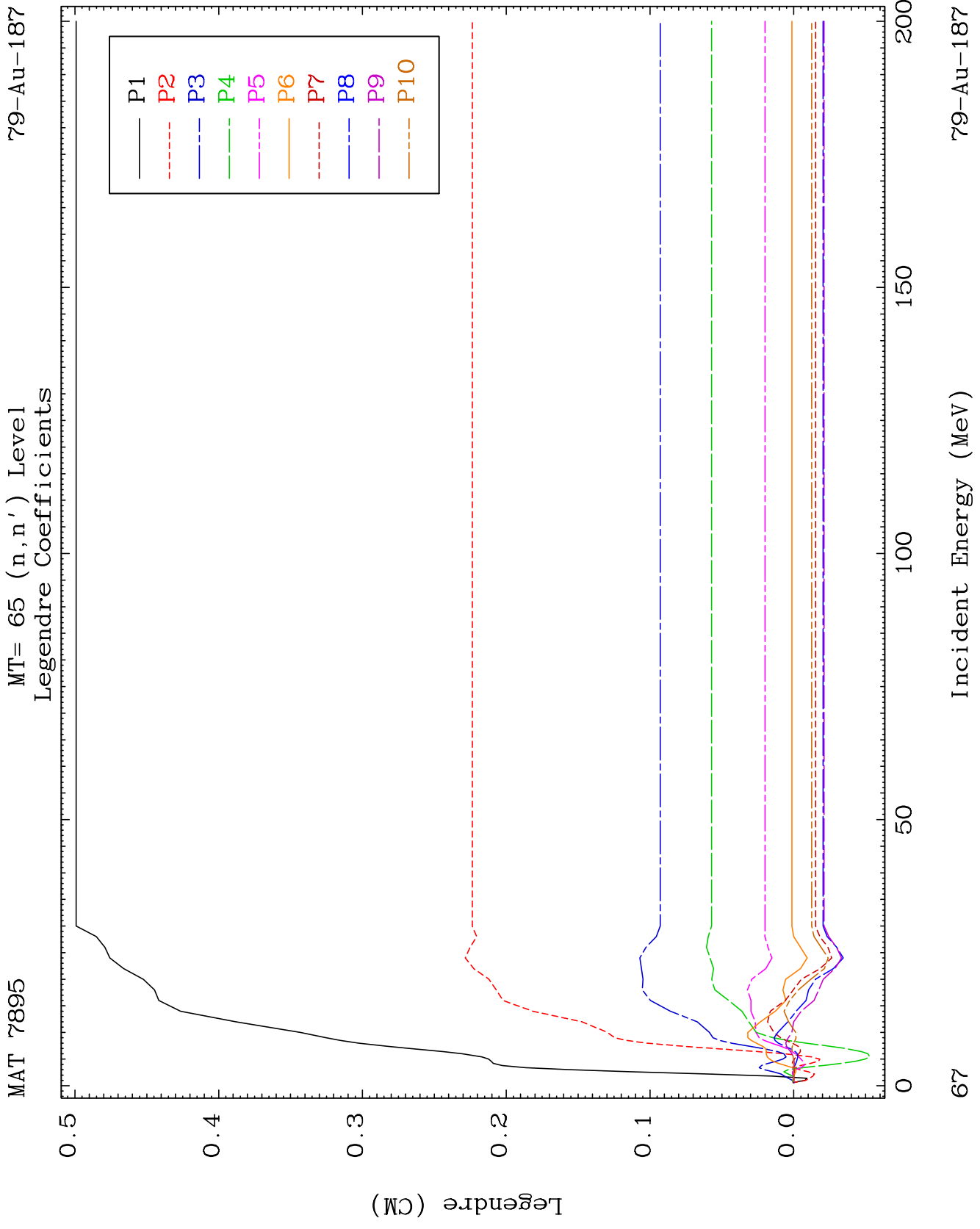


65

Incident Energy (MeV)

79-Au-187

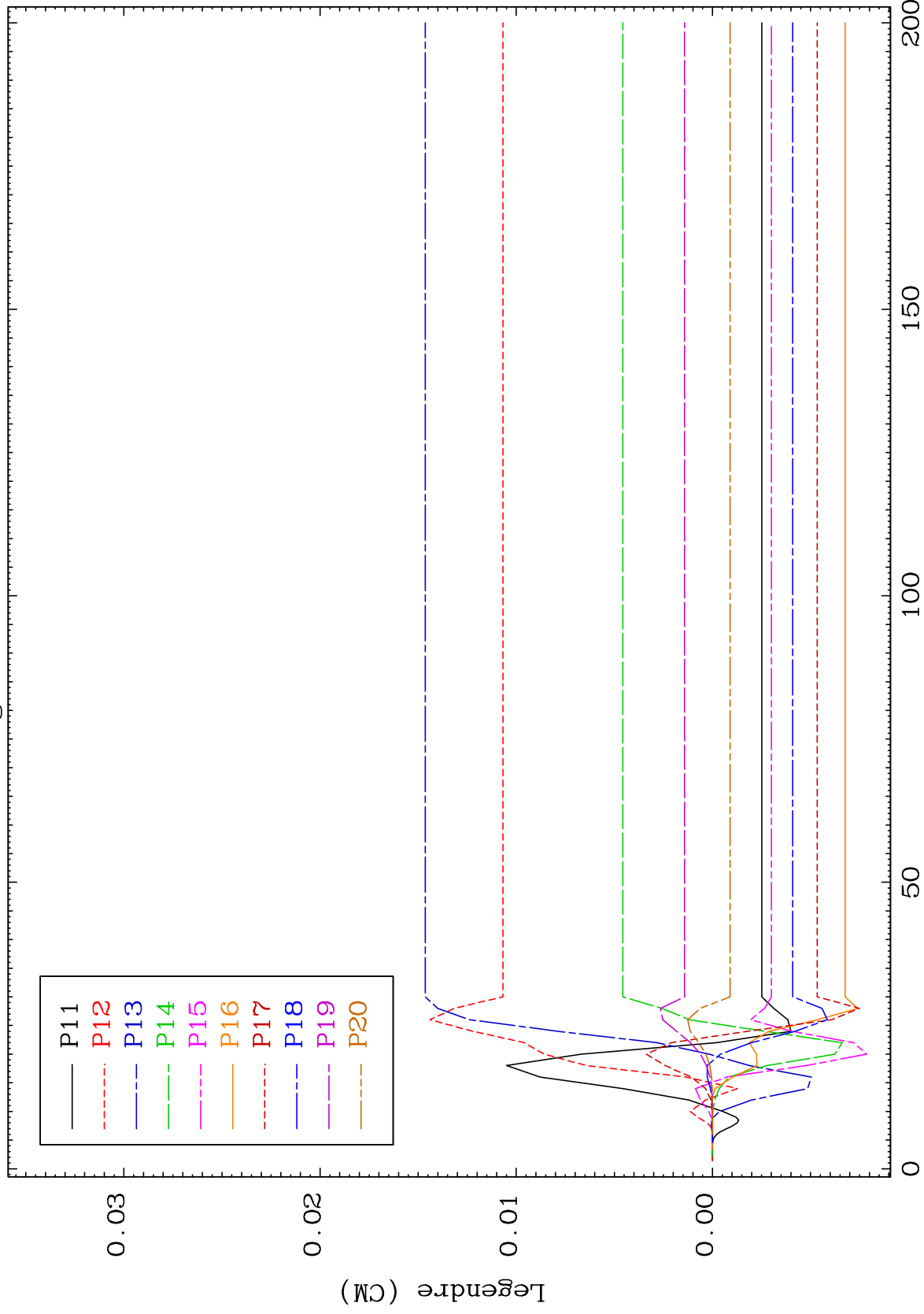




MAT 7895

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

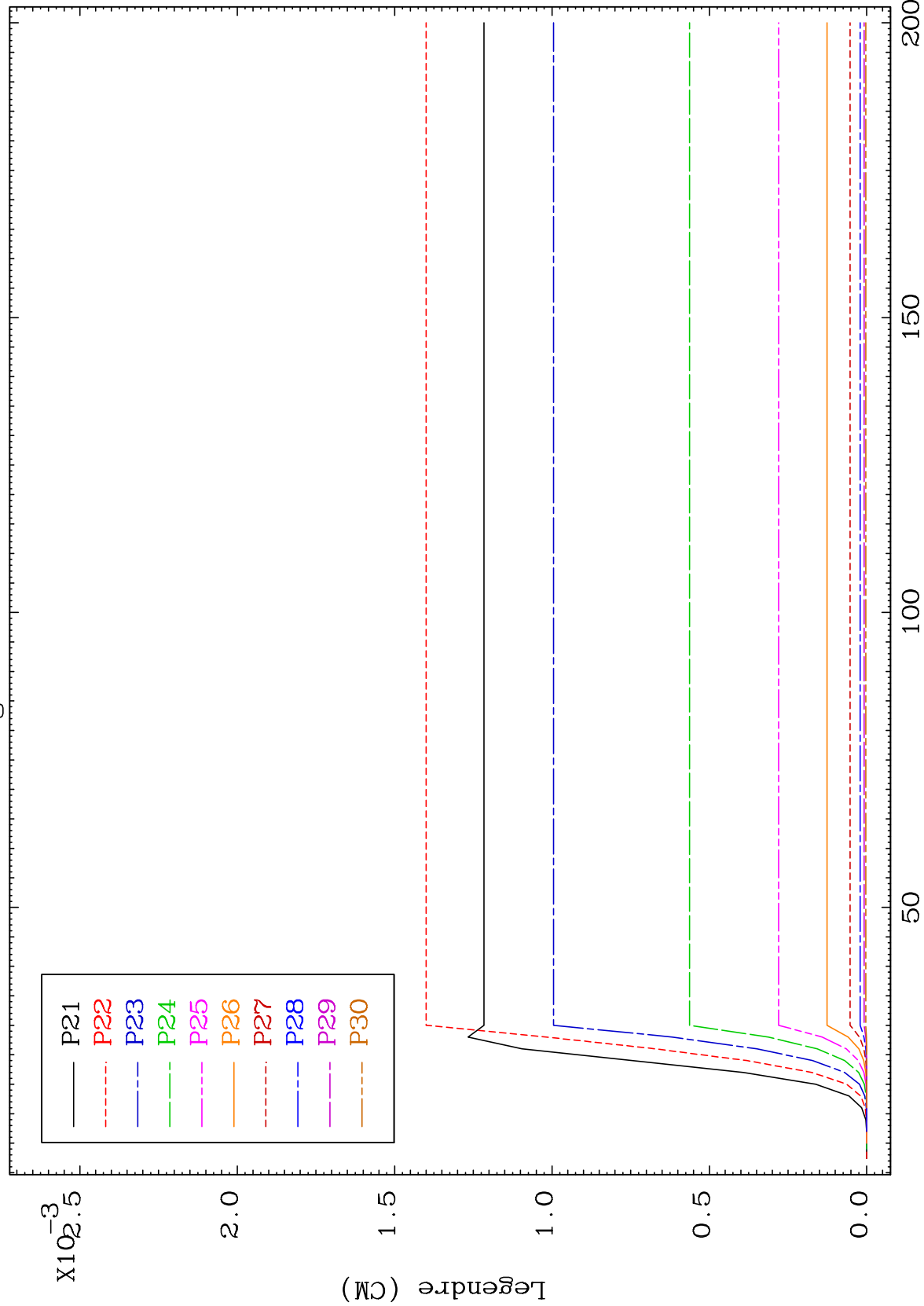
79-Au-187



68

Incident Energy (MeV)

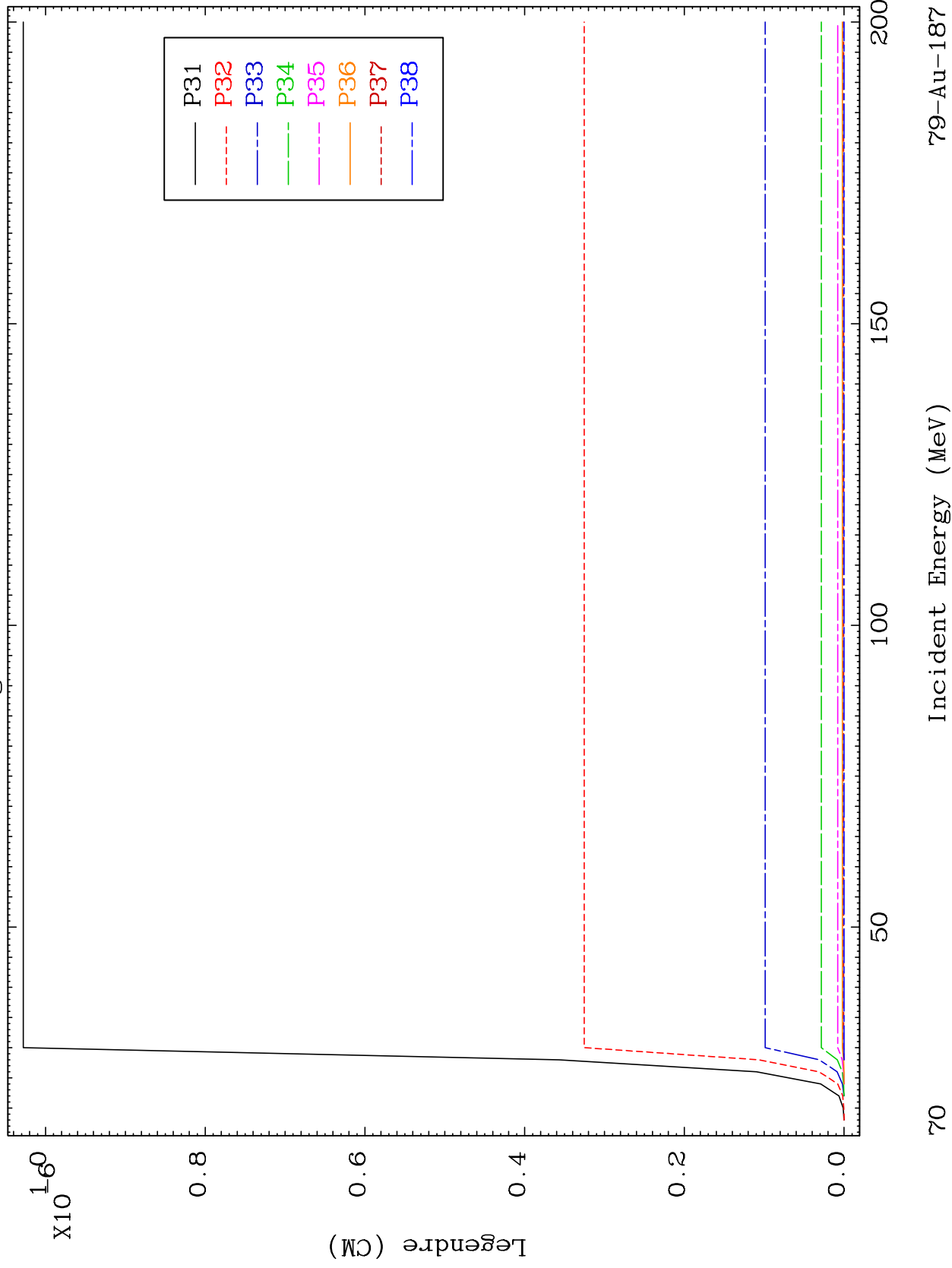
79-Au-187



MAT 7895

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

79-Au-187



79-Au-187

Incident Energy (MeV)

70

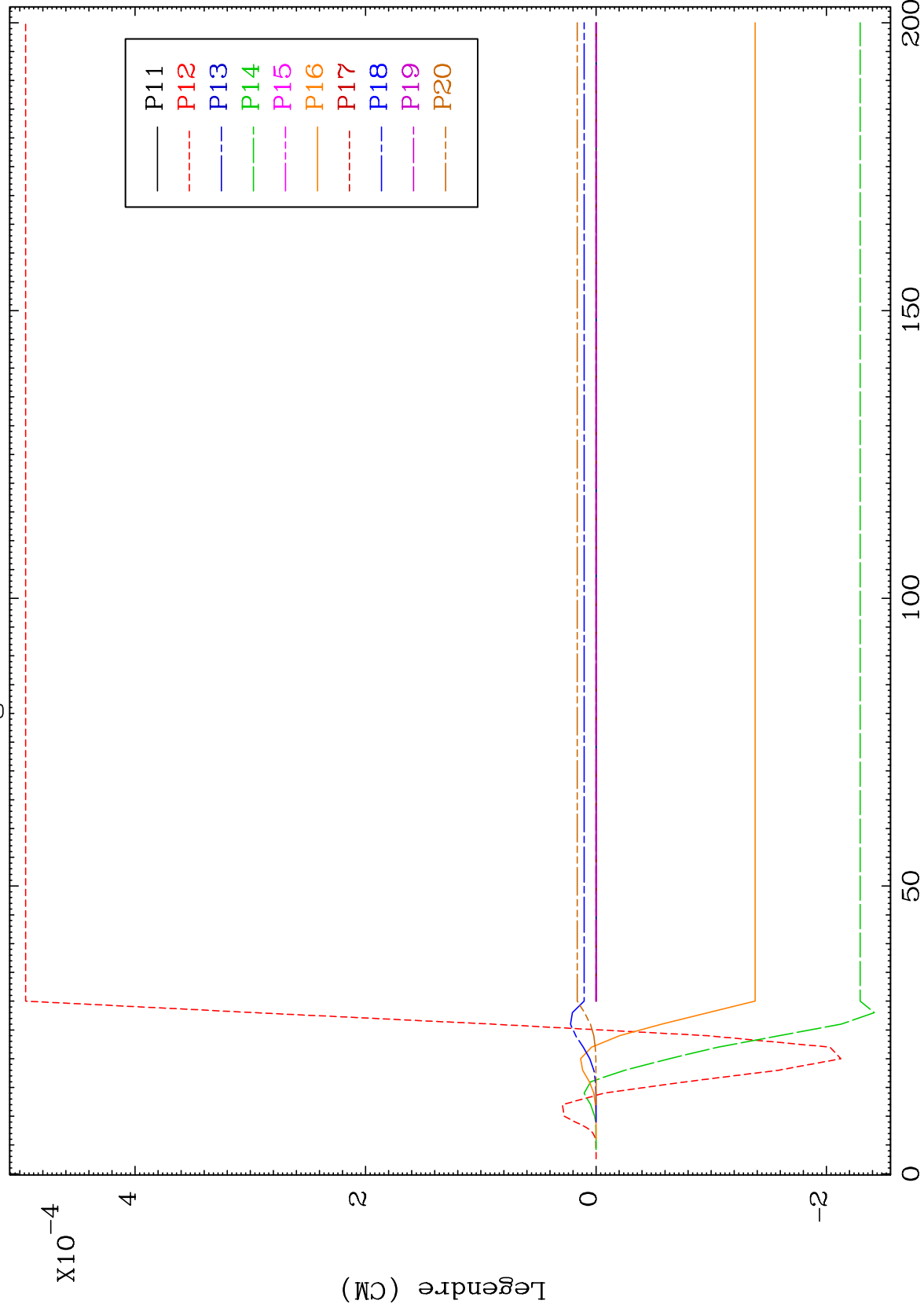




MAT 7895

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

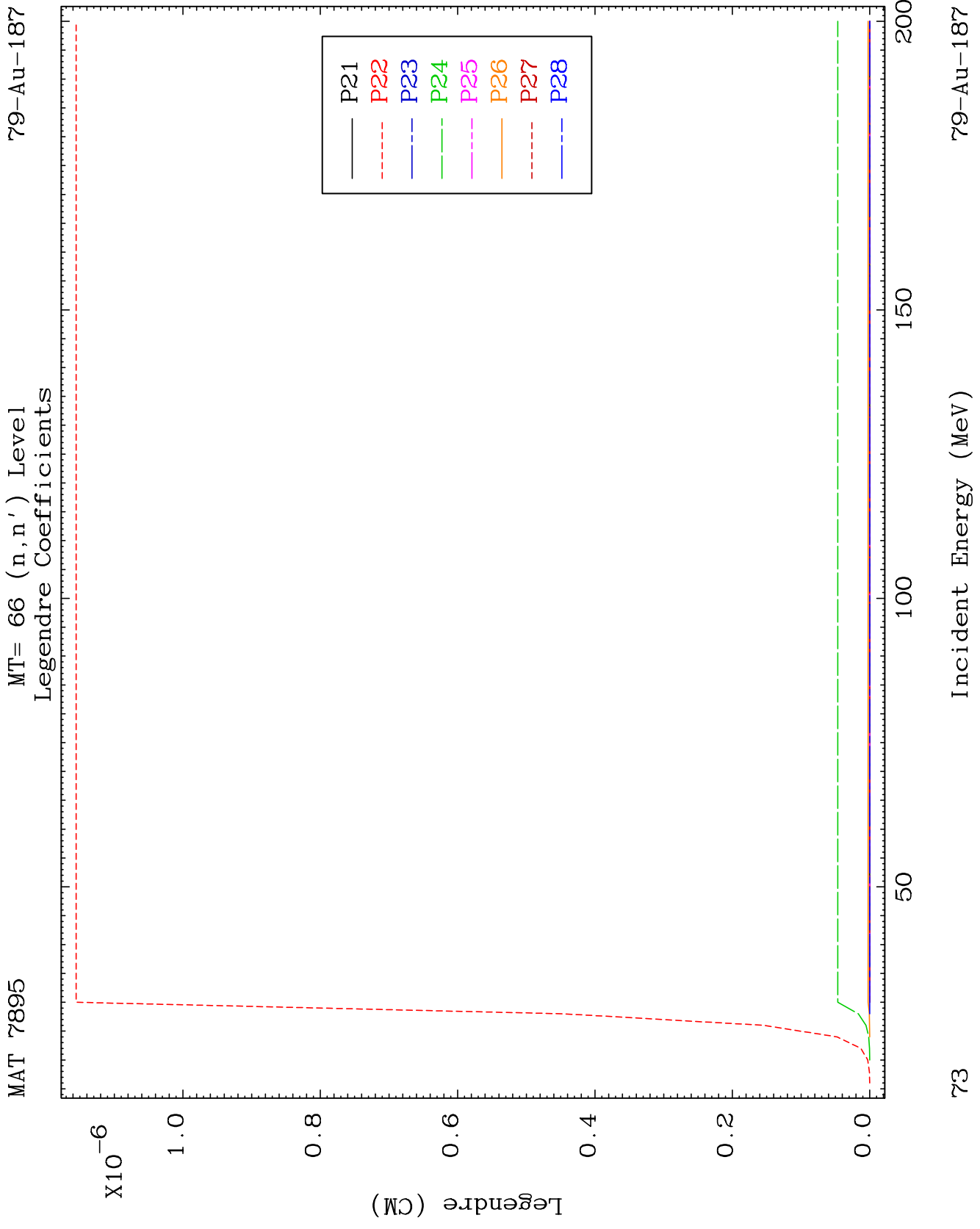
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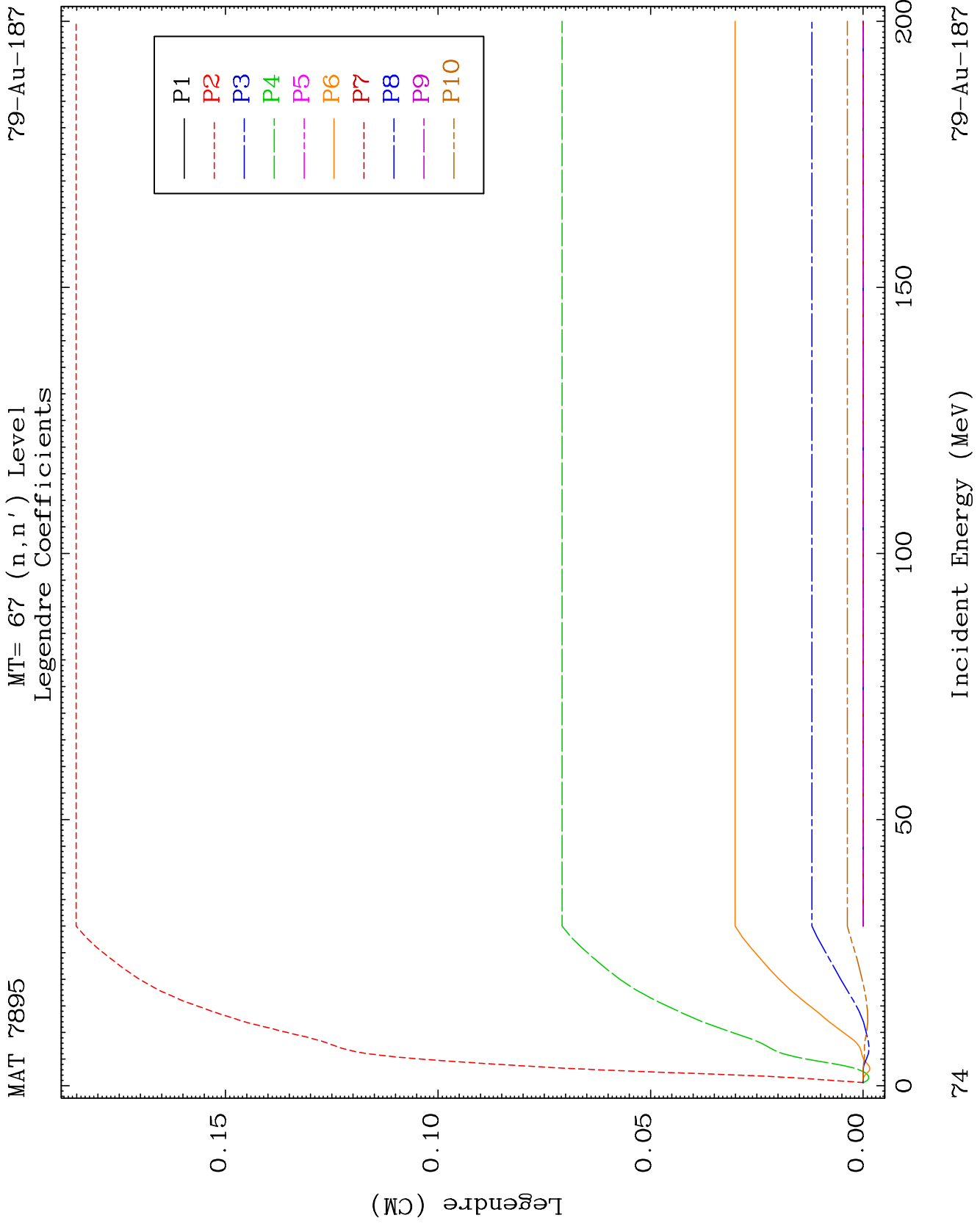


72

Incident Energy (MeV)

79-Au-187

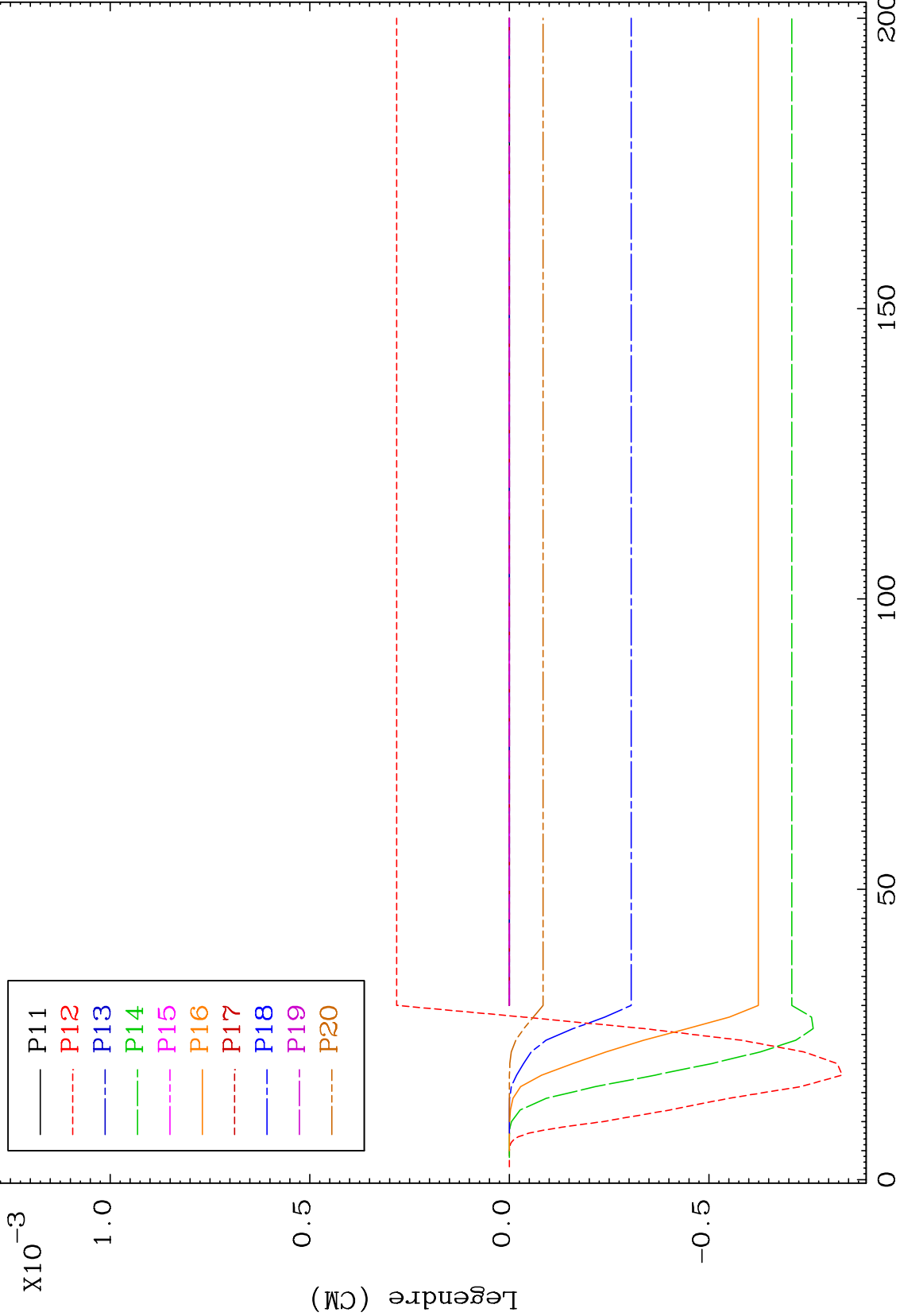
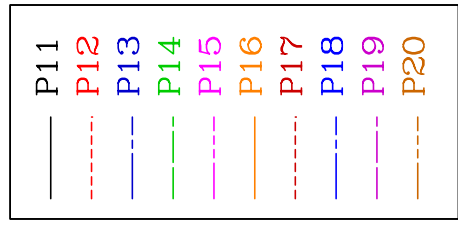




MAT 7895

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

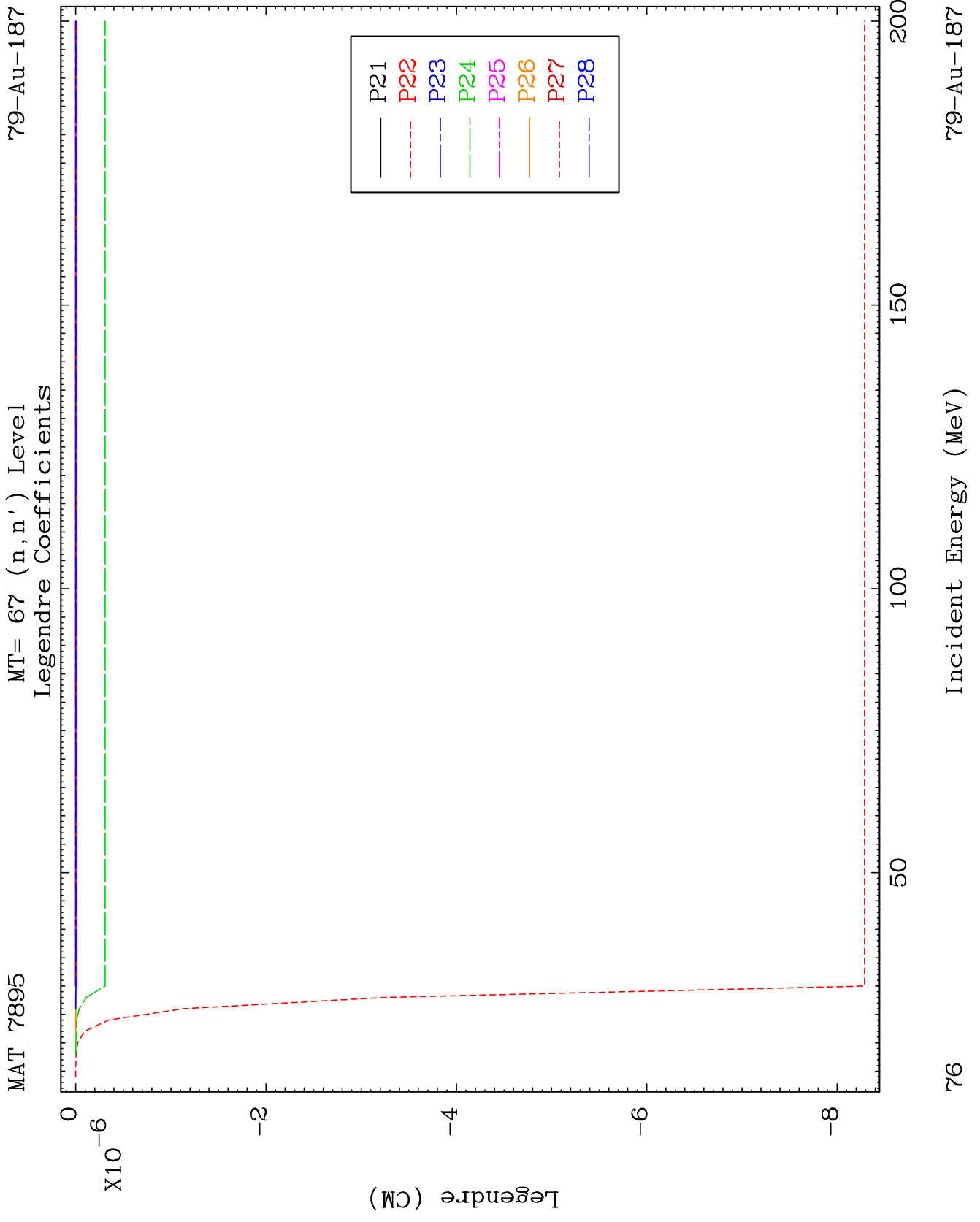
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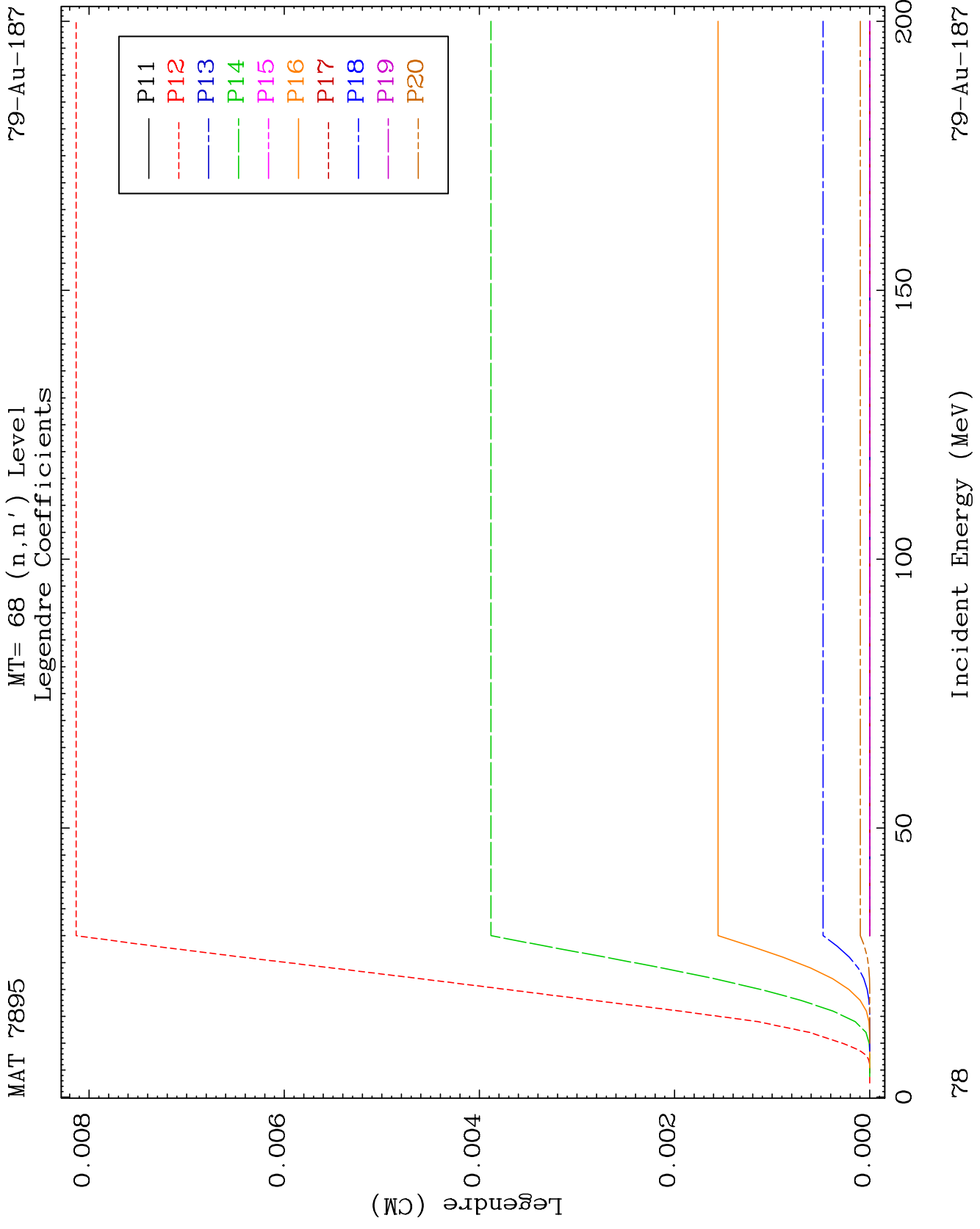
75

Incident Energy (MeV)

79-Au-187







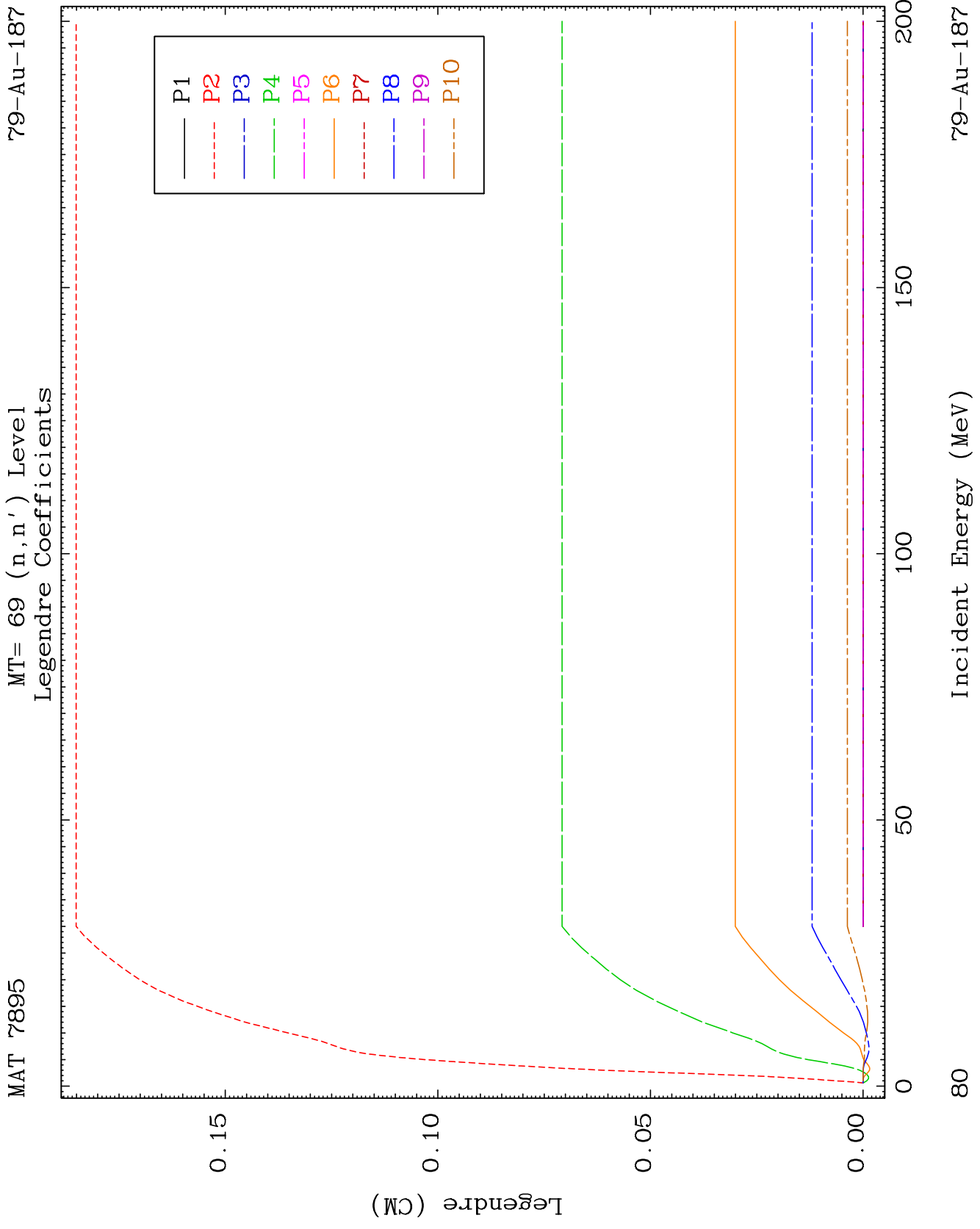
79-Au-187

Incident Energy (MeV)

78



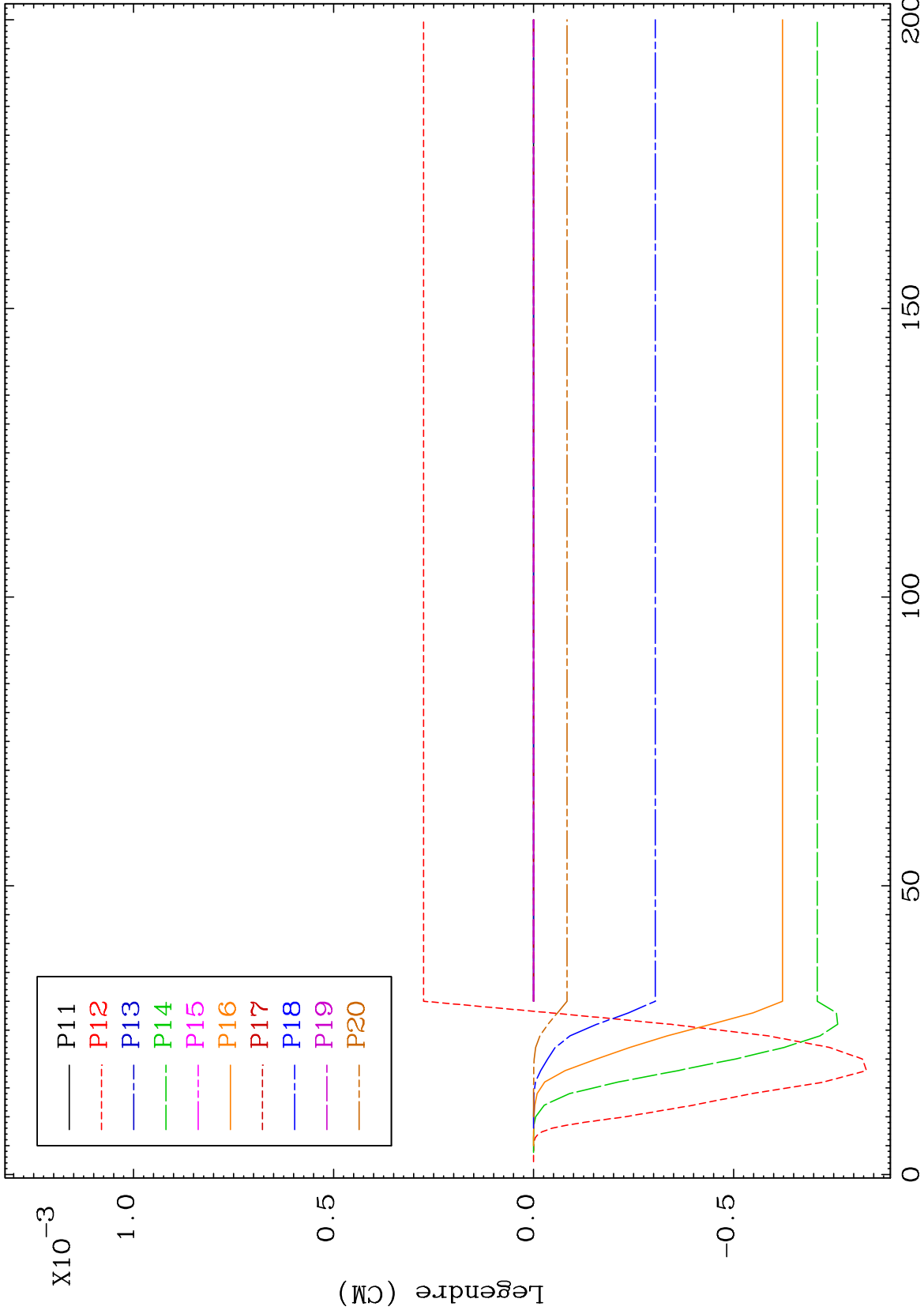




MAT 7895

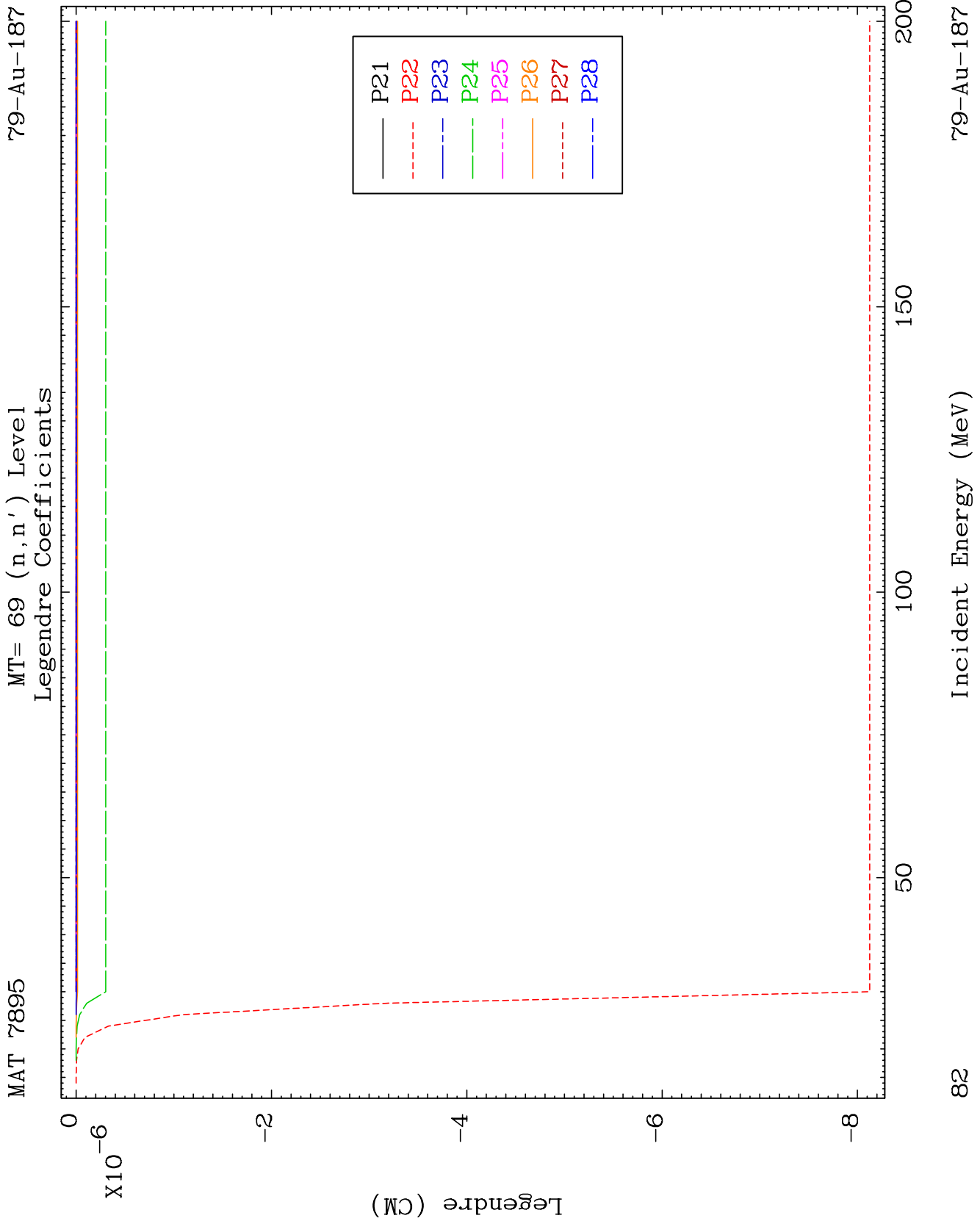
MT= 69 (n,n') Level  
Legendre Coefficients

79-Au-187



81

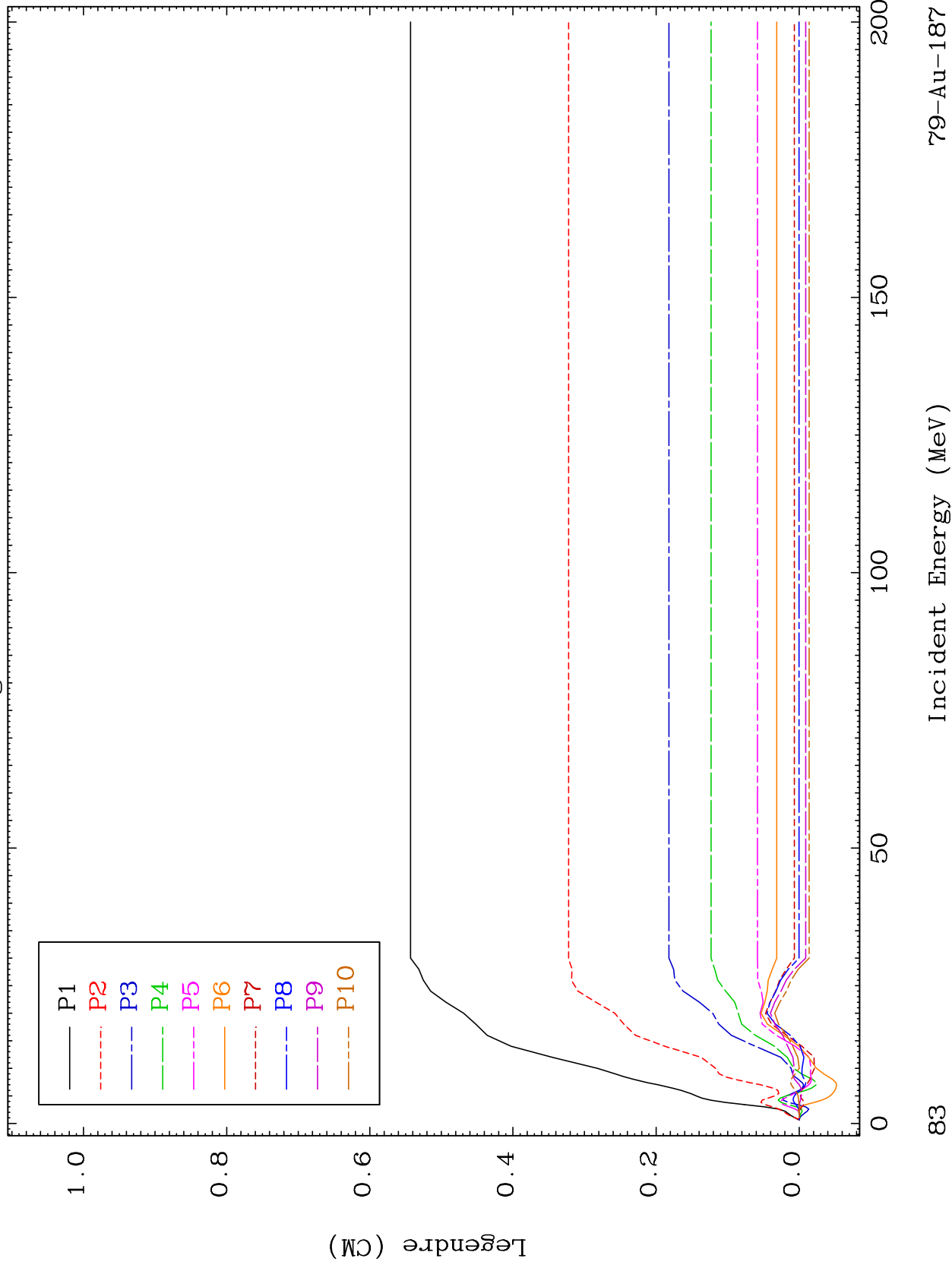
79-Au-187

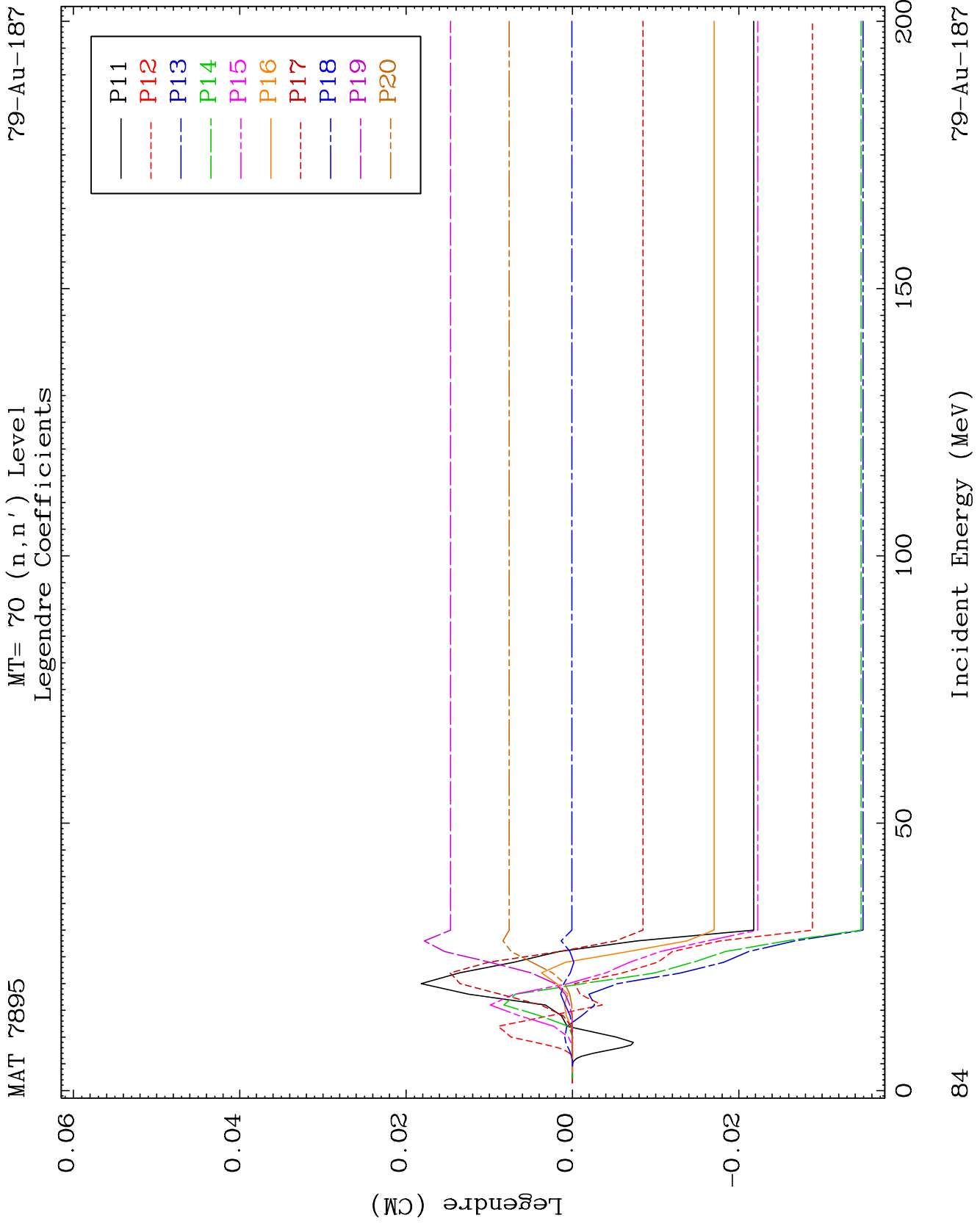


MAT 7895

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

79-Au-187

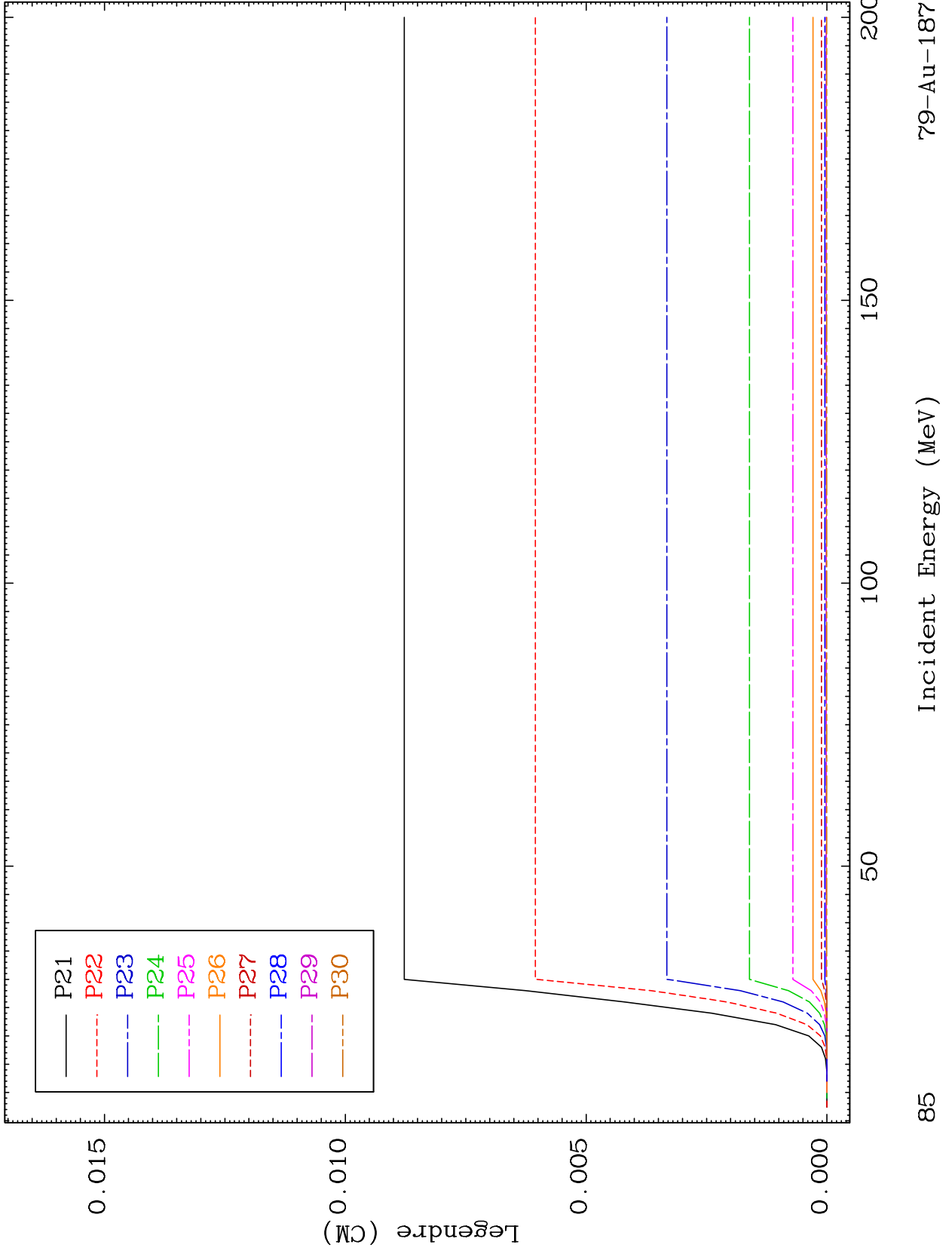




MAT 7895

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

79-Au-187



85

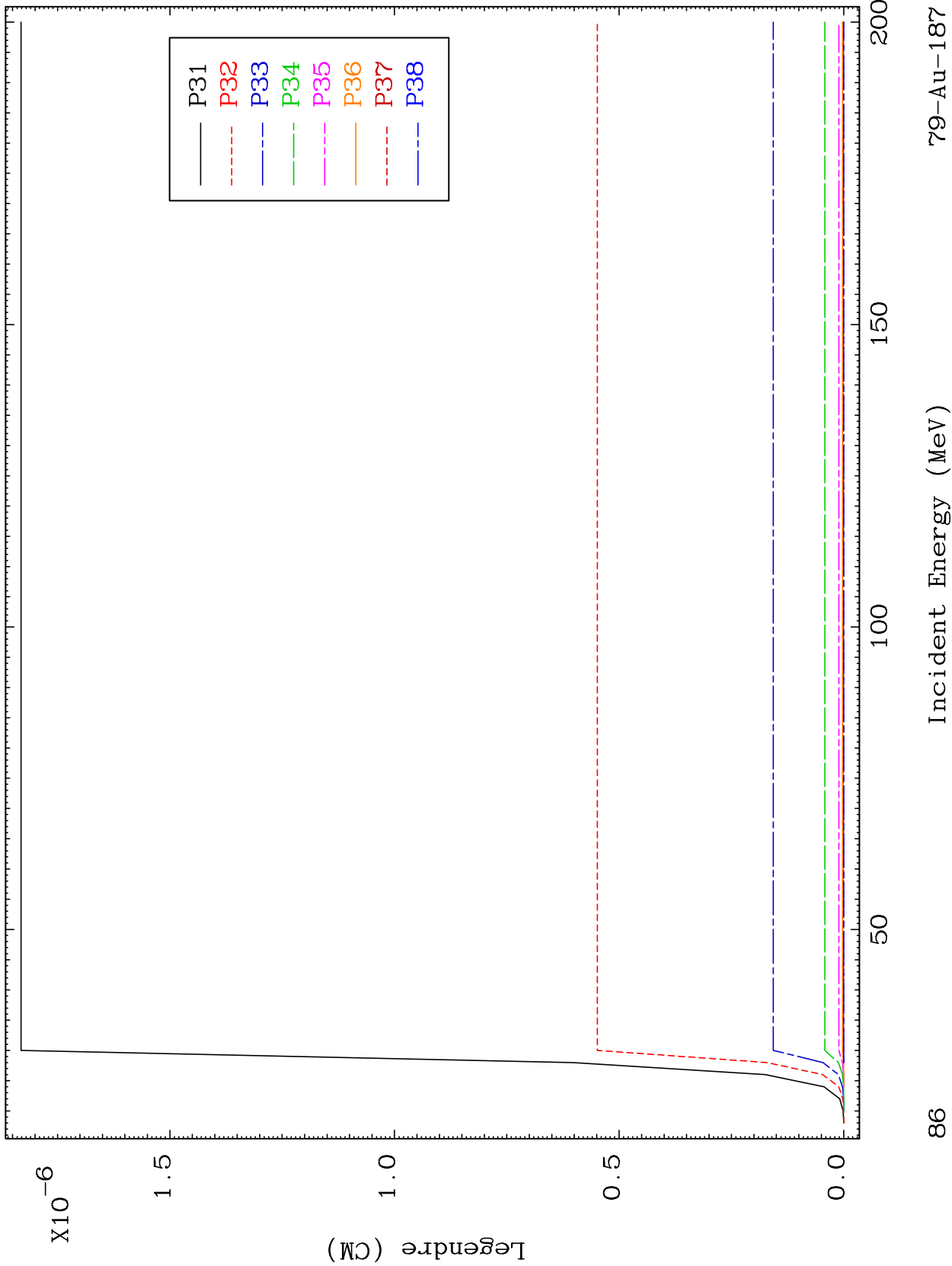
Incident Energy (MeV)

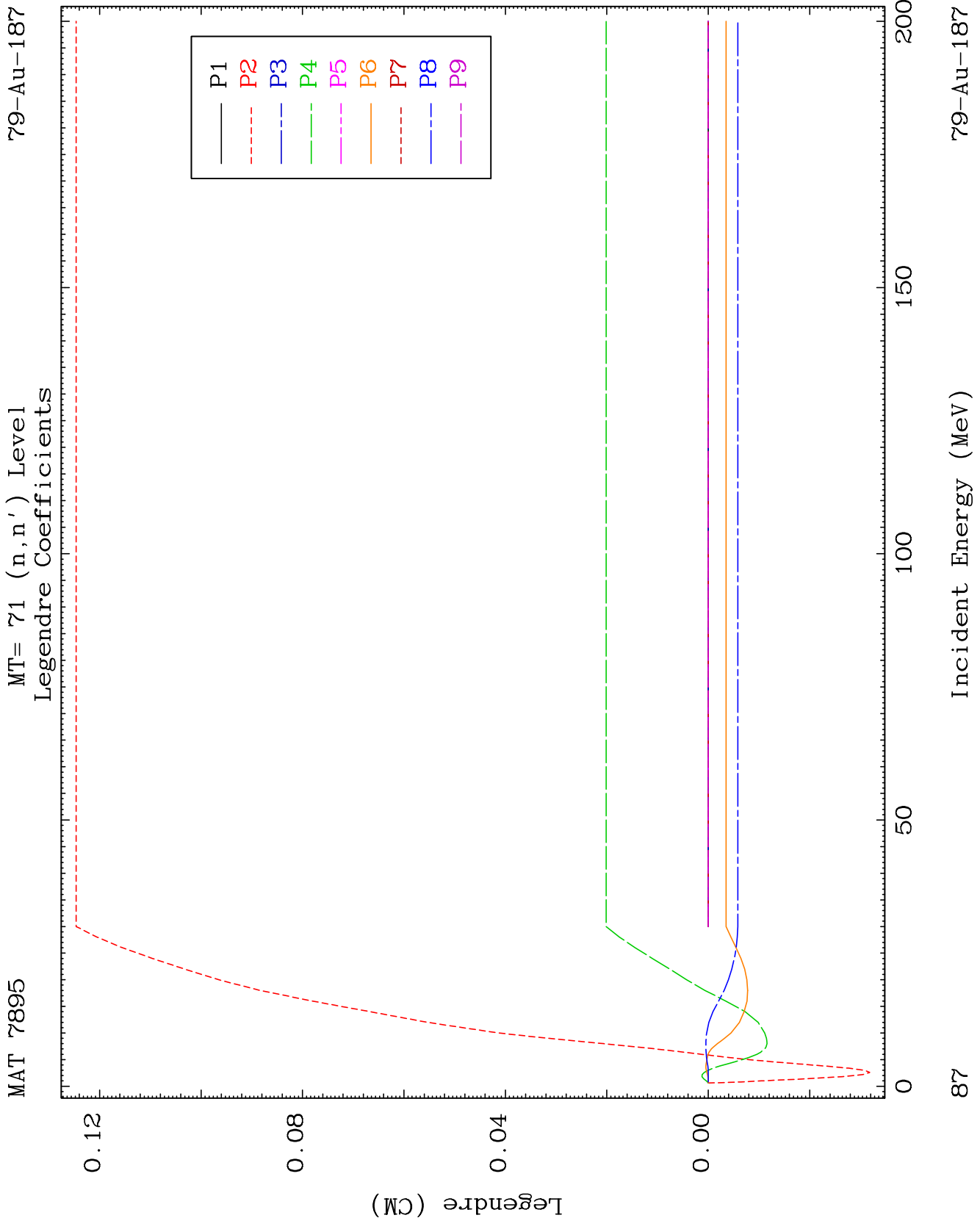
79-Au-187

MAT 7895

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

79-Au-187



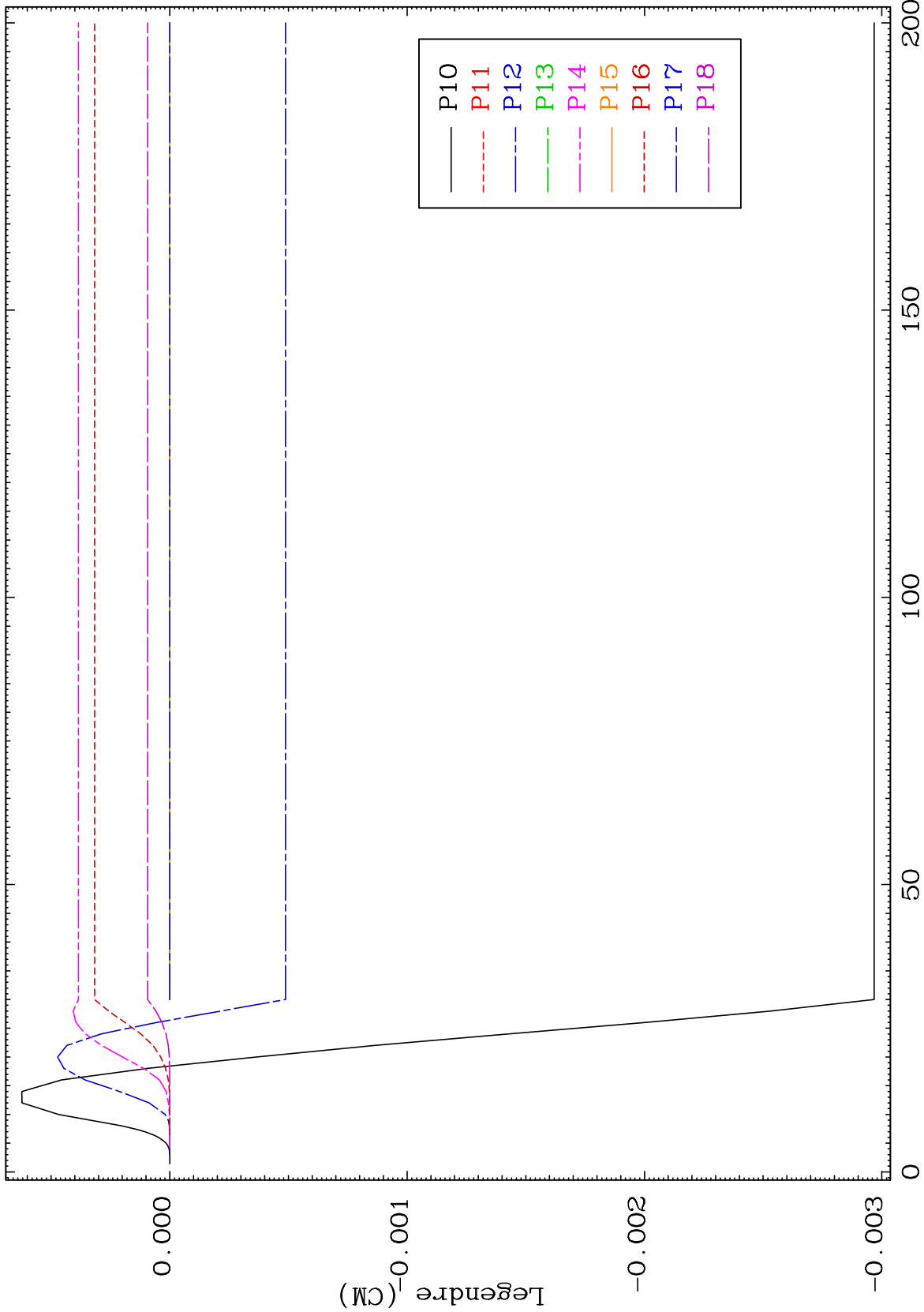




MAT 7895

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

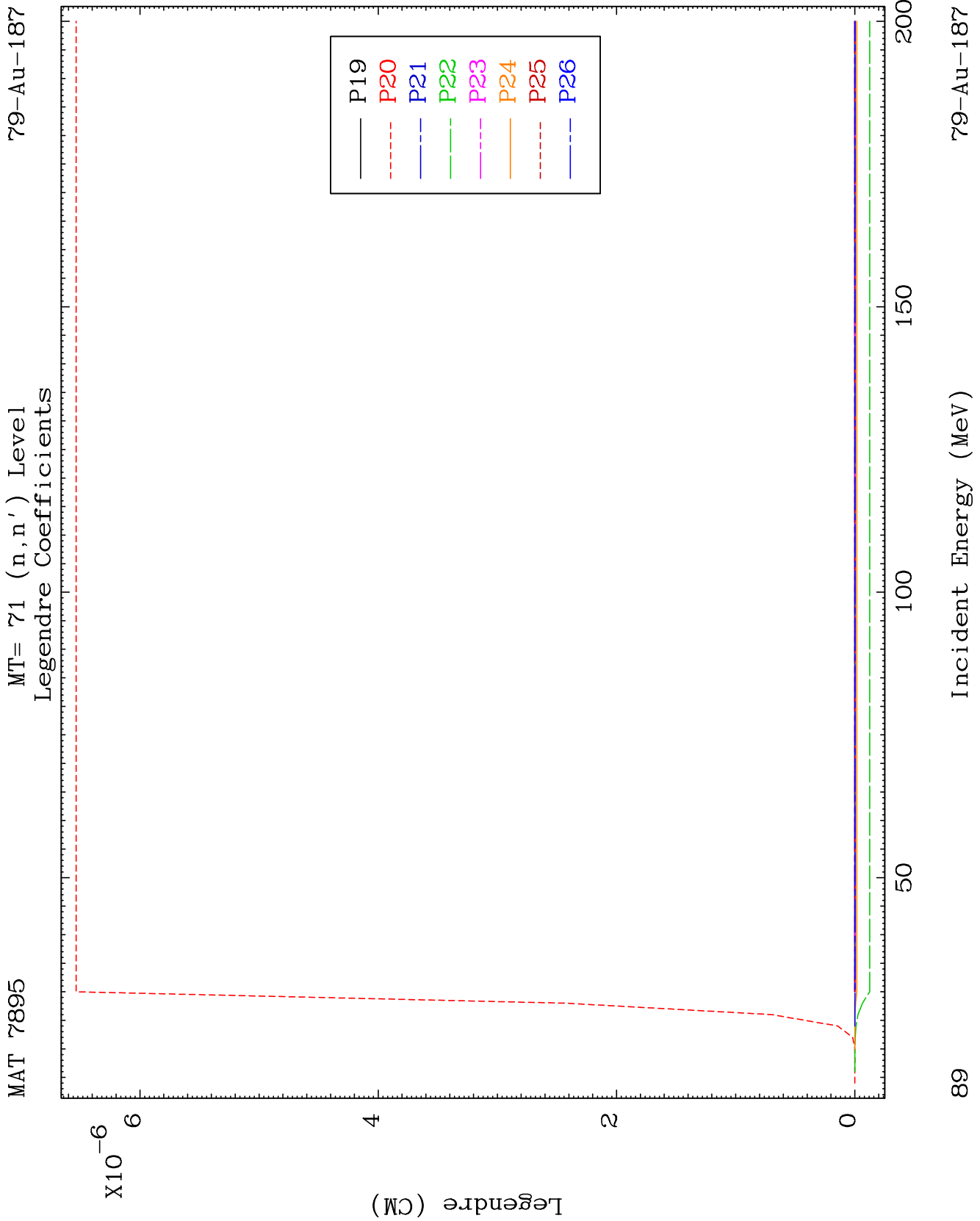
79-Au-187

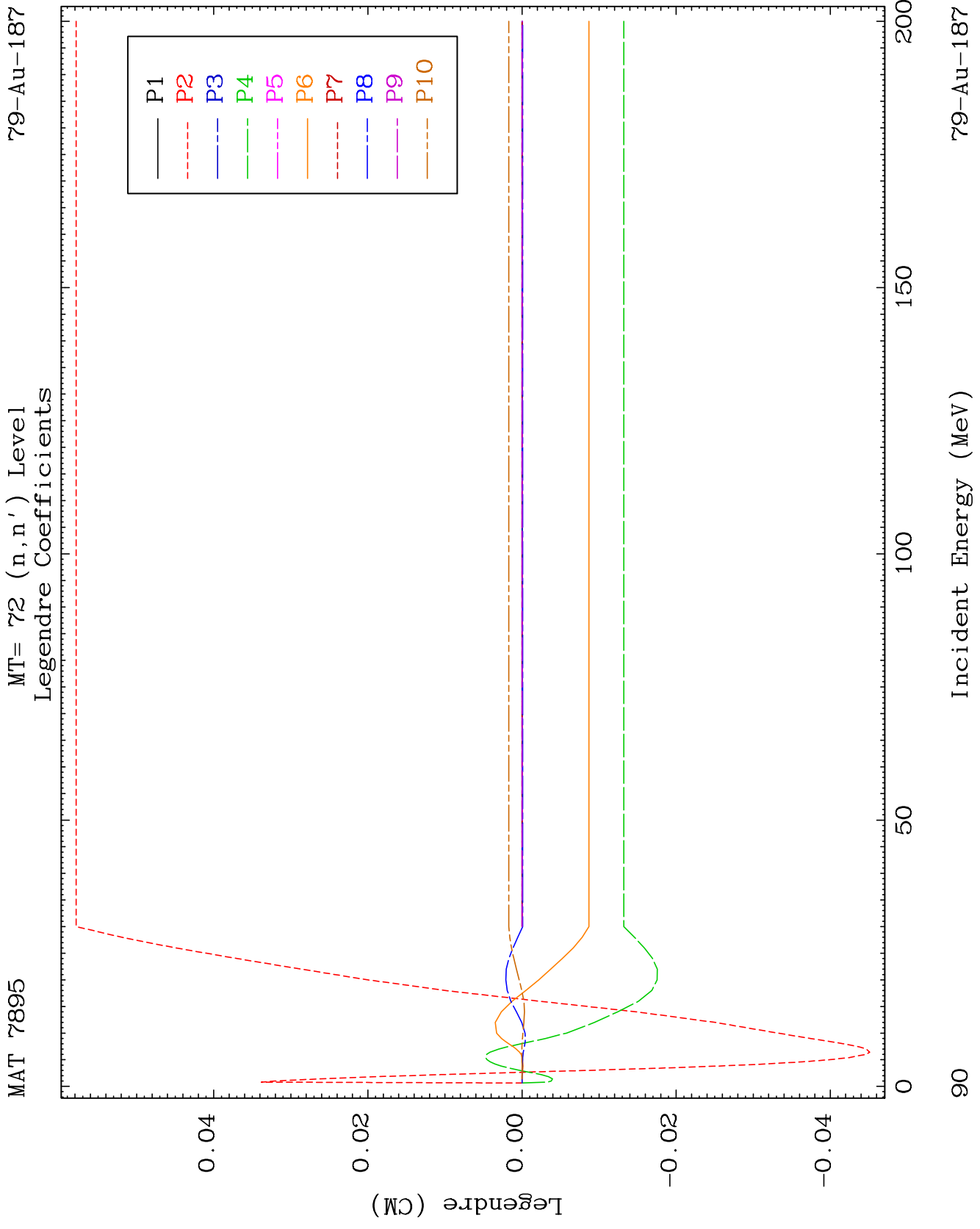


88

Incident Energy (MeV)

79-Au-187

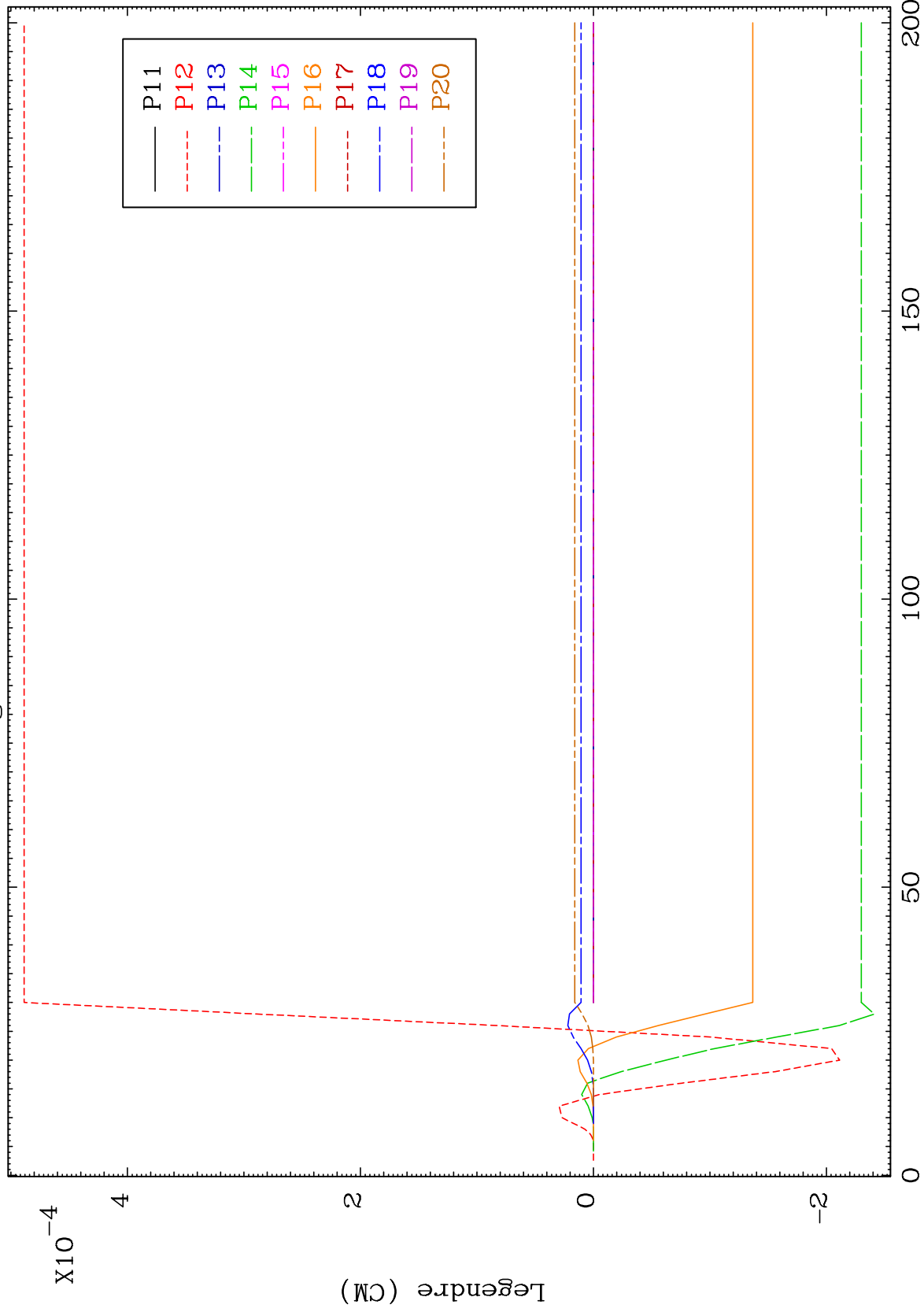




MAT 7895

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

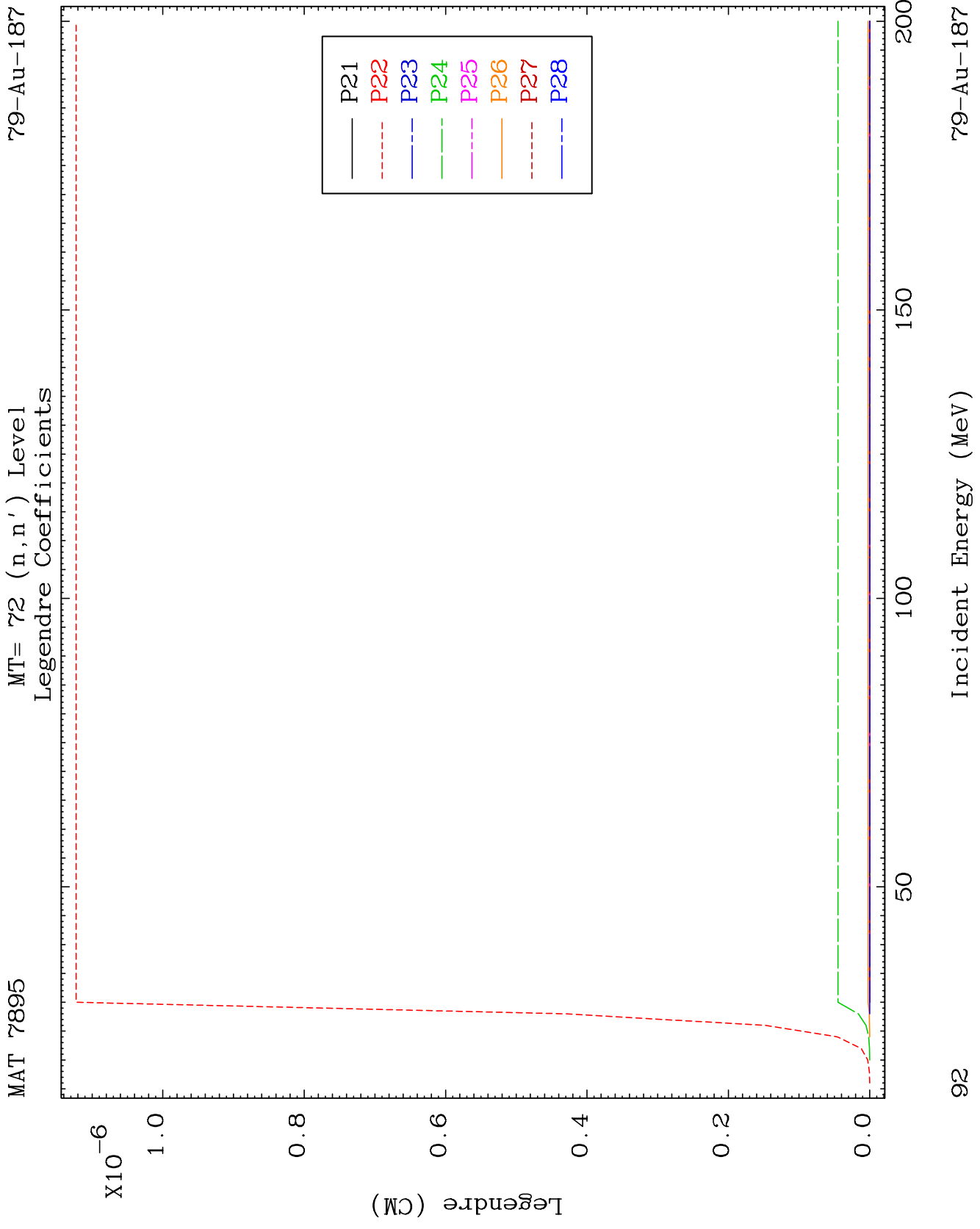
79-Au-187



91

Incident Energy (MeV)

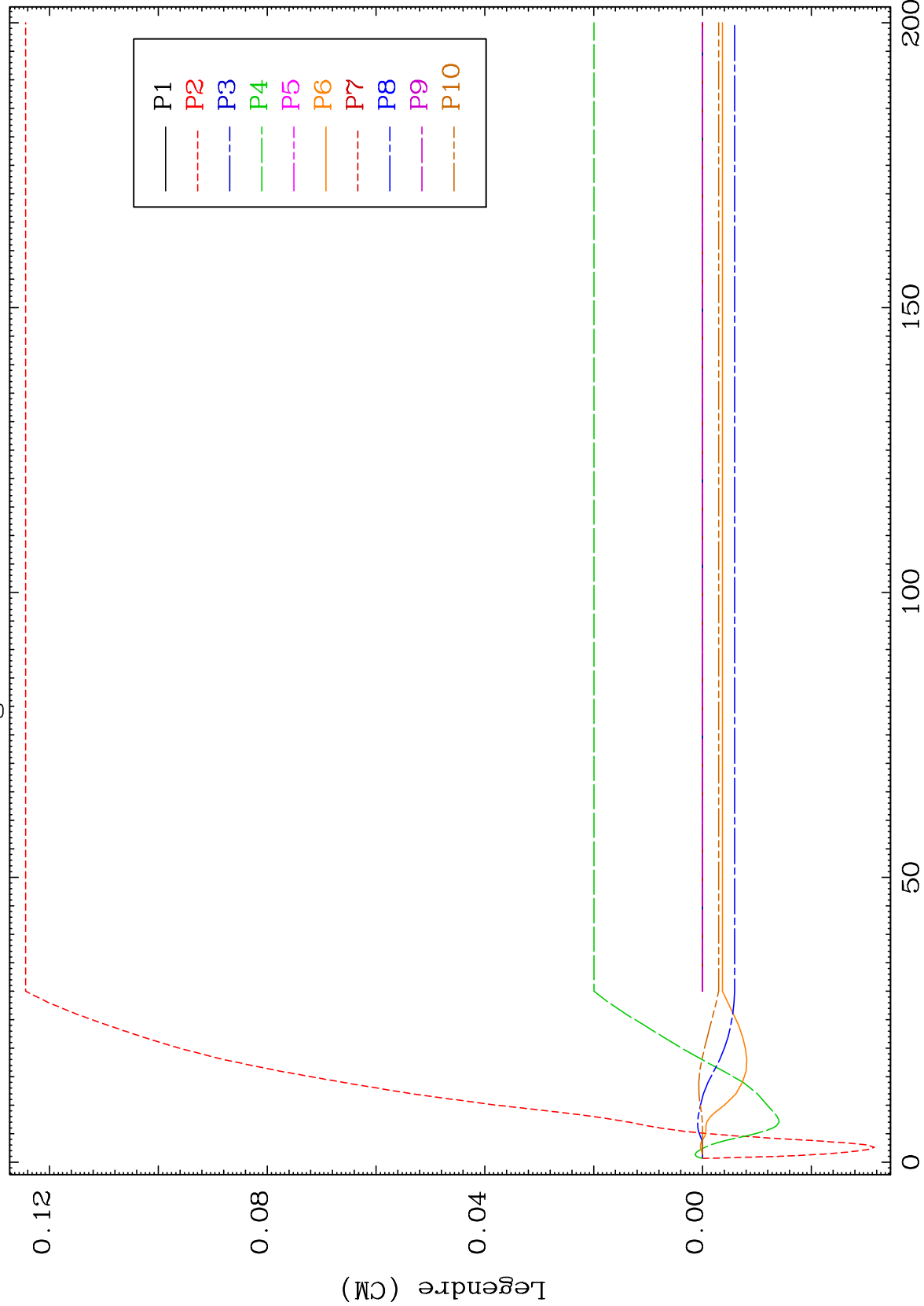
79-Au-187



MAT 7895

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

79-Au-187



93

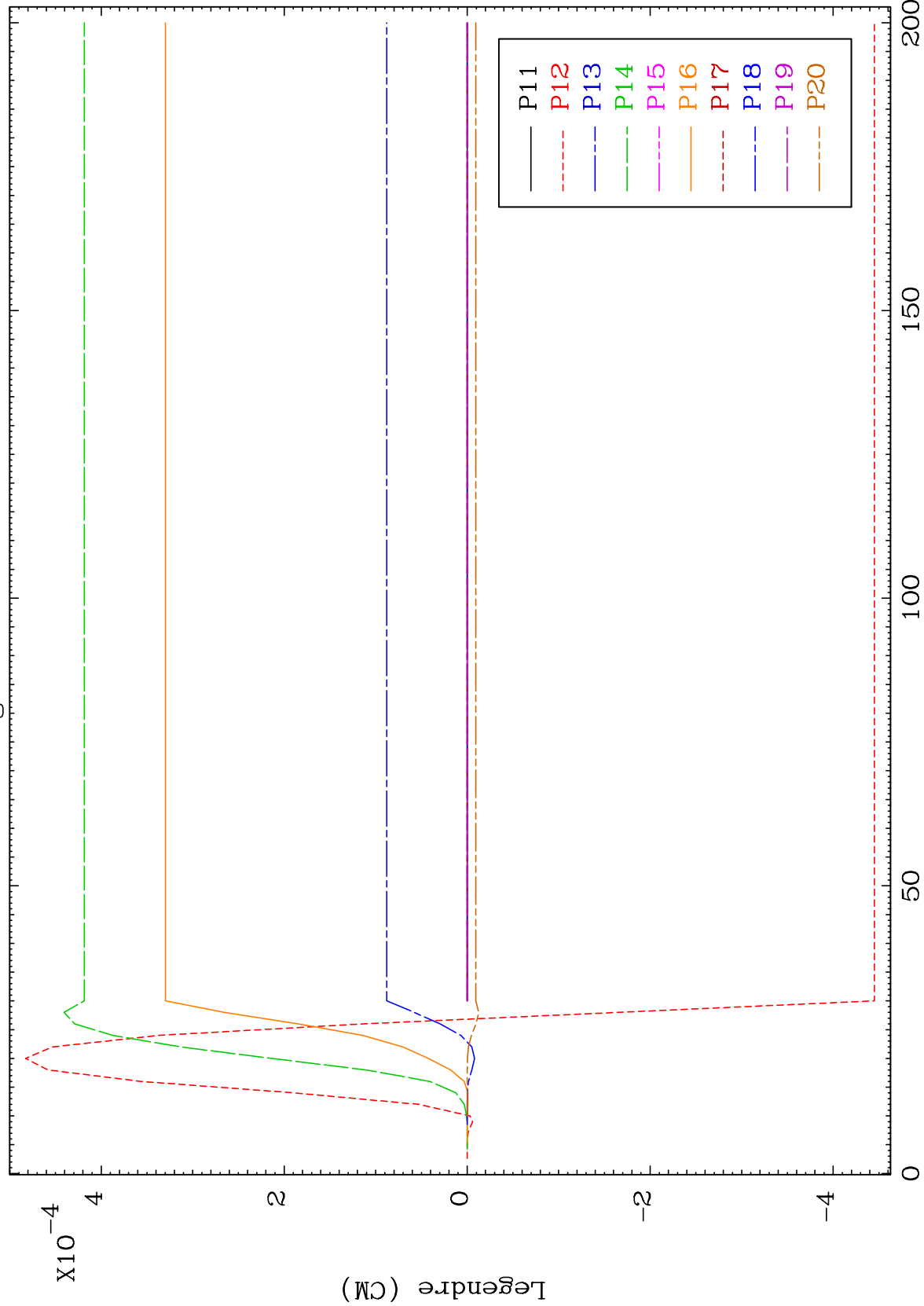
Incident Energy (MeV)

79-Au-187

MAT 7895

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

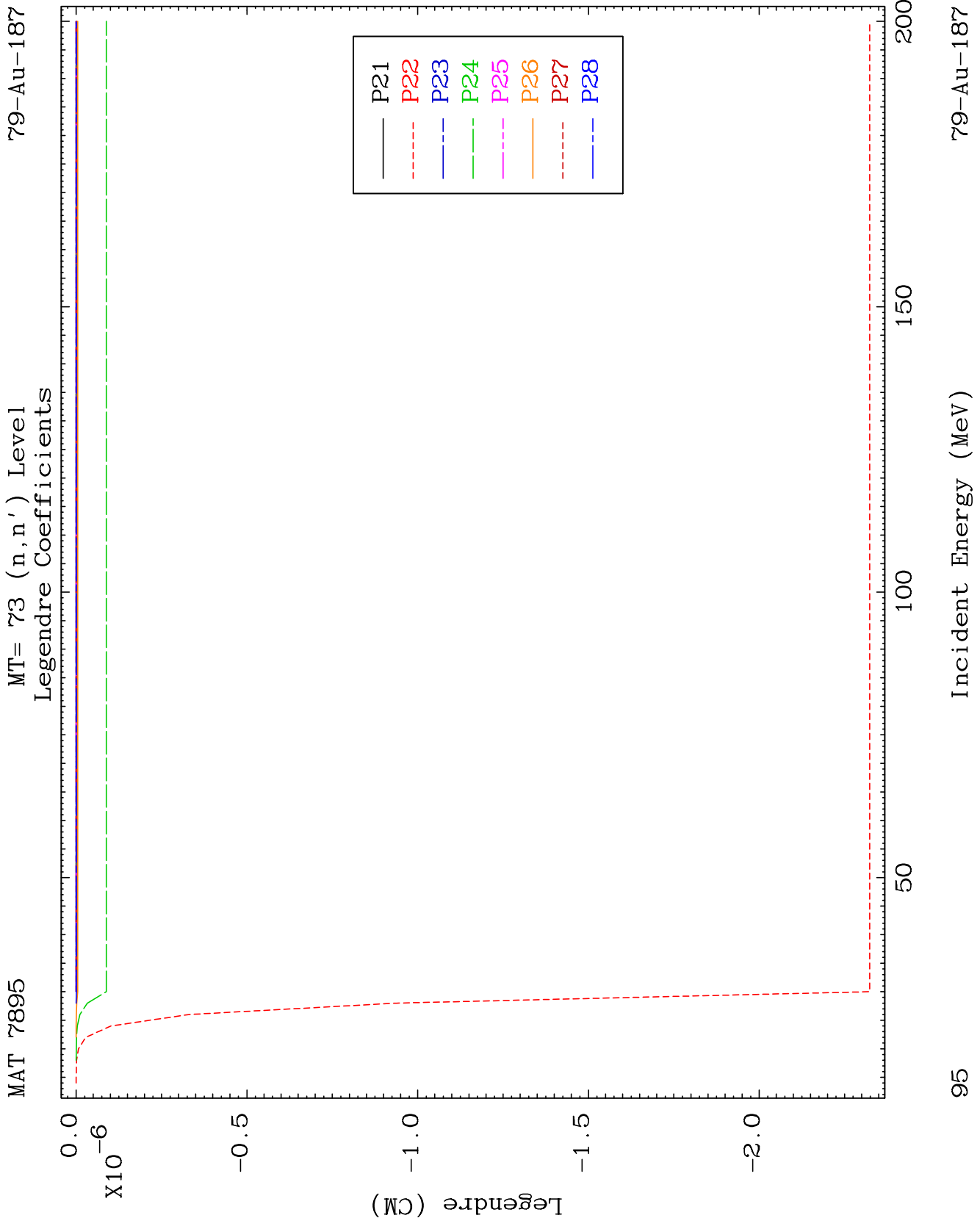
79-Au-187



94

Incident Energy (MeV)

79-Au-187

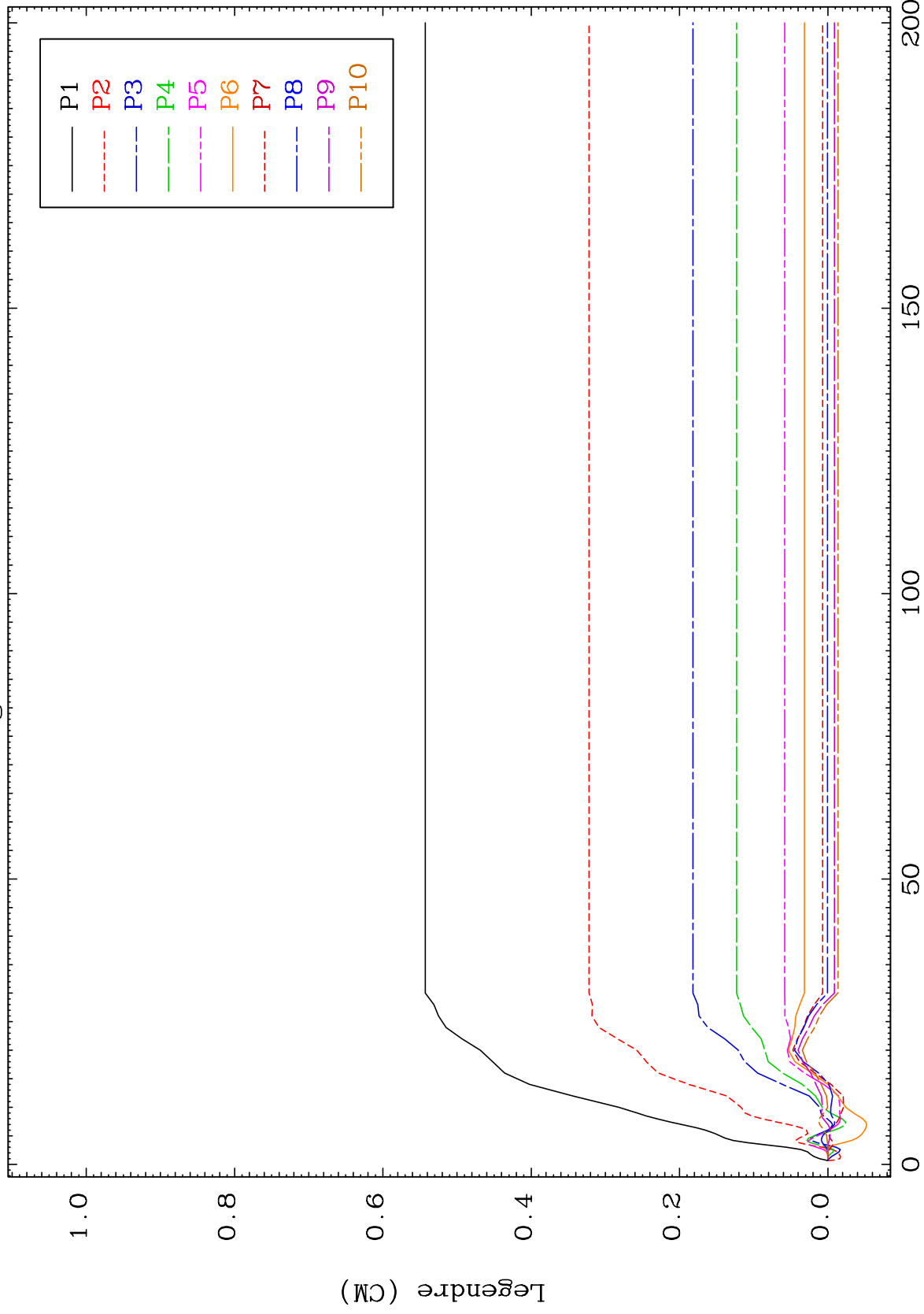




MAT 7895

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

79-Au-187



96

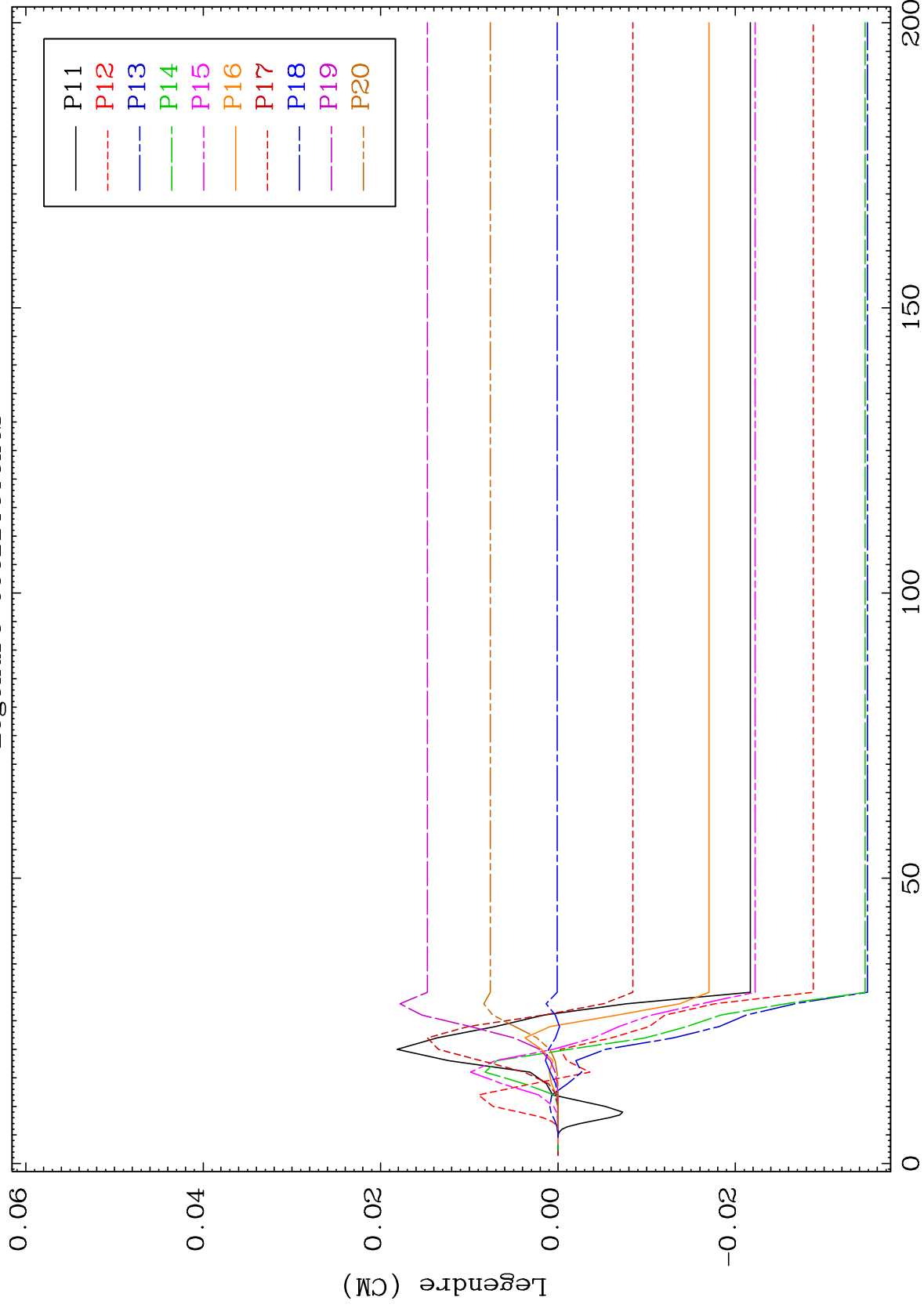
Incident Energy (MeV)

79-Au-187

MAT 7895

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

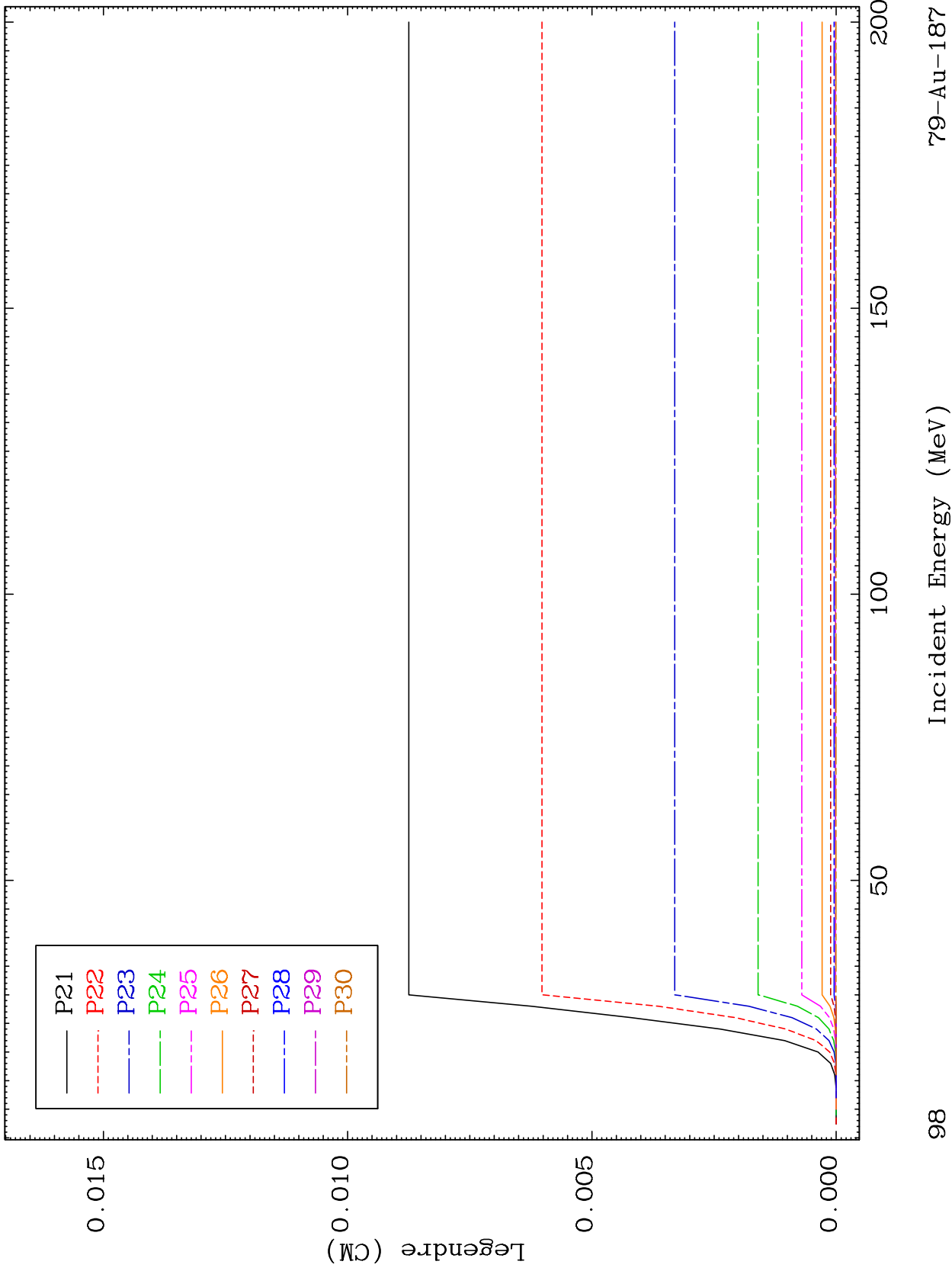
79-Au-187



97

Incident Energy (MeV)

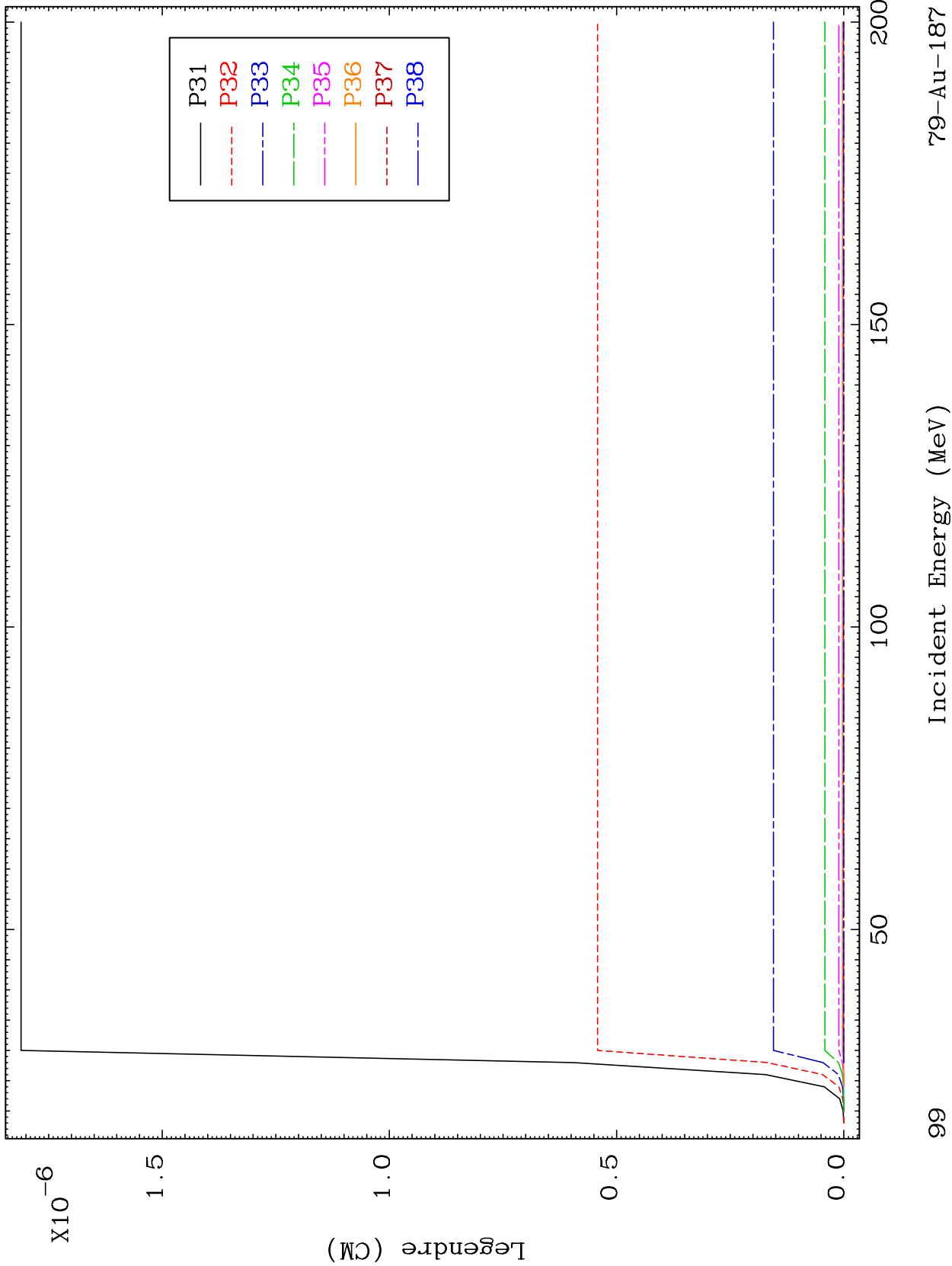
79-Au-187

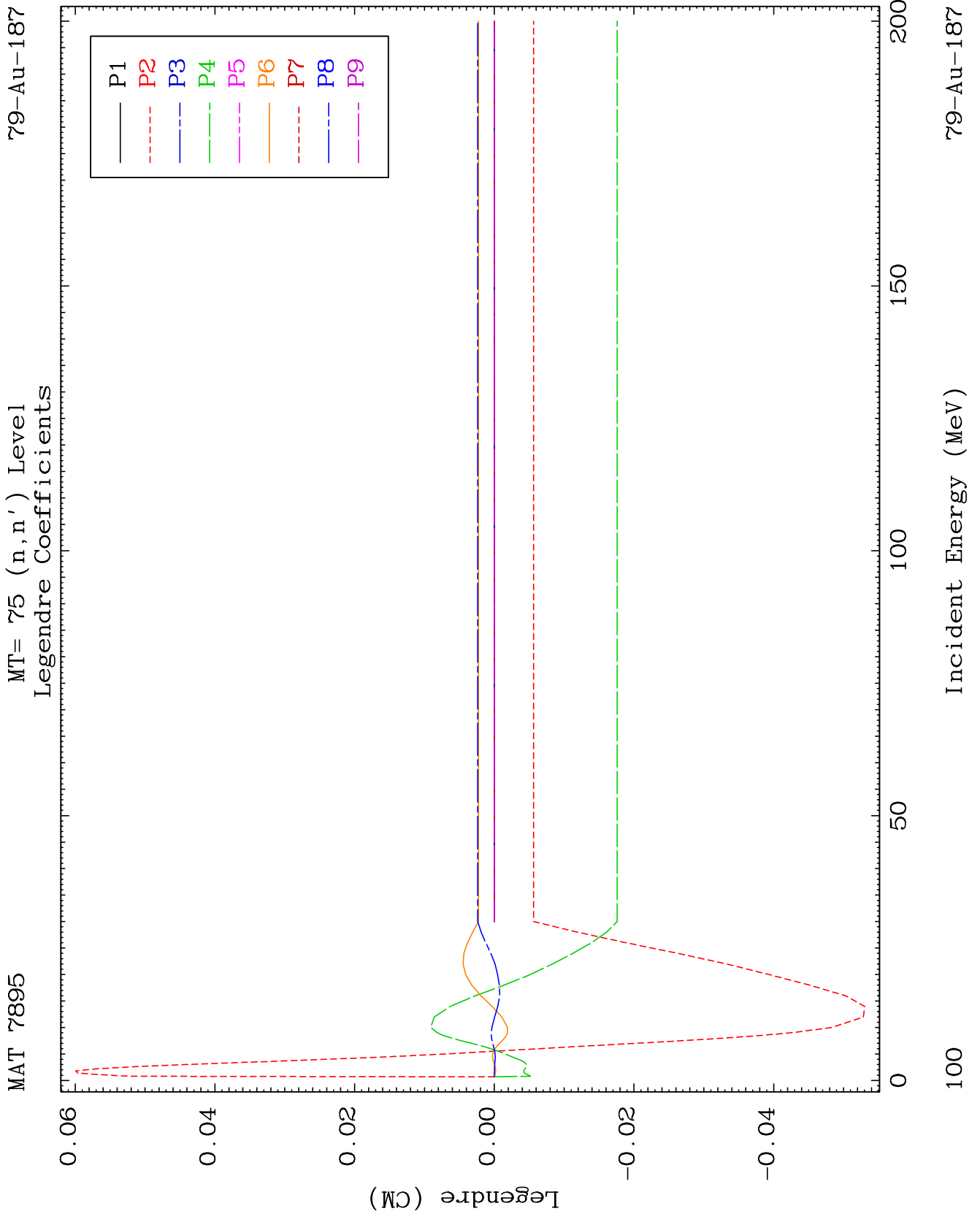


MAT 7895

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

79-Au-187

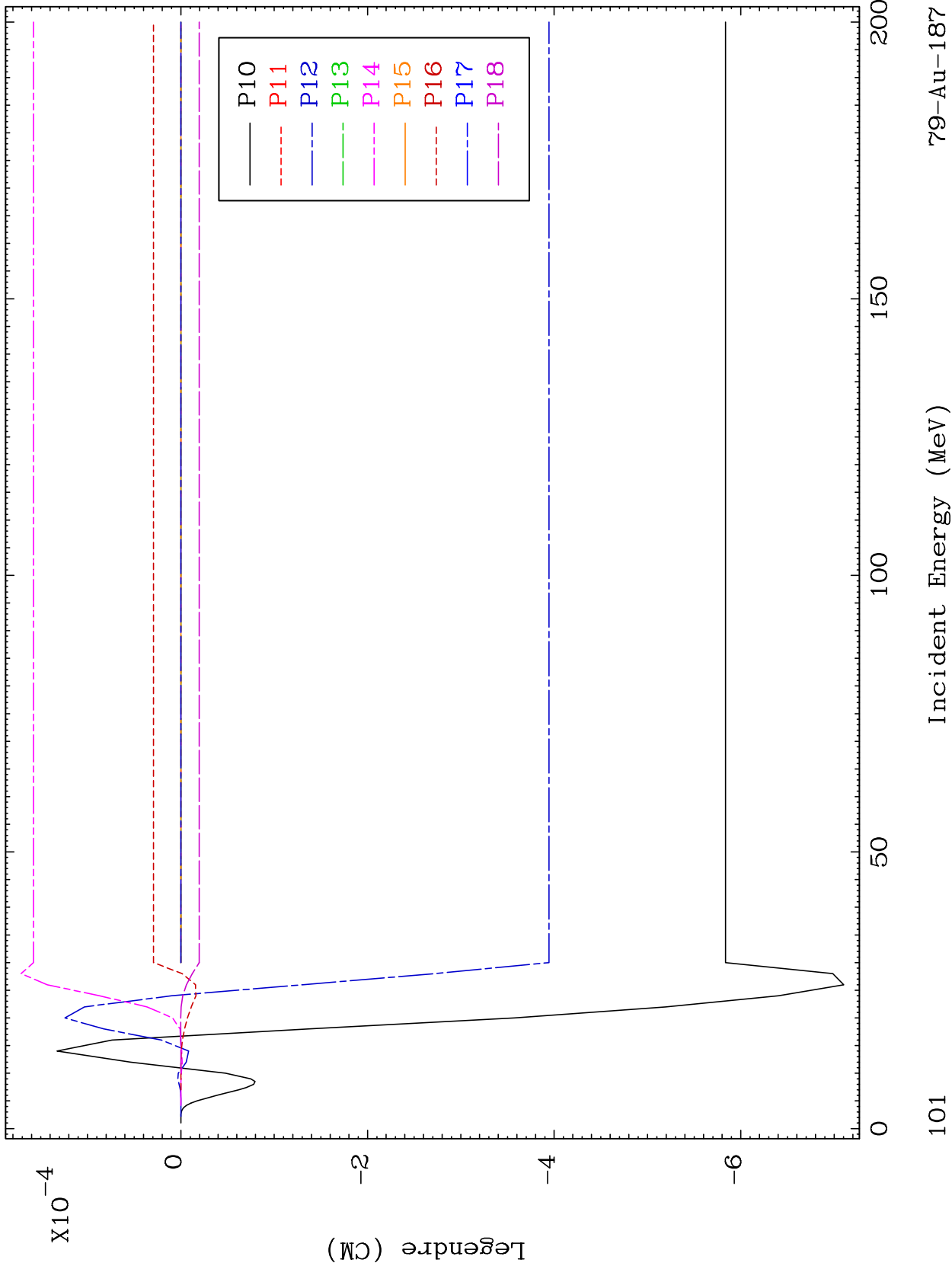




MAT 7895

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

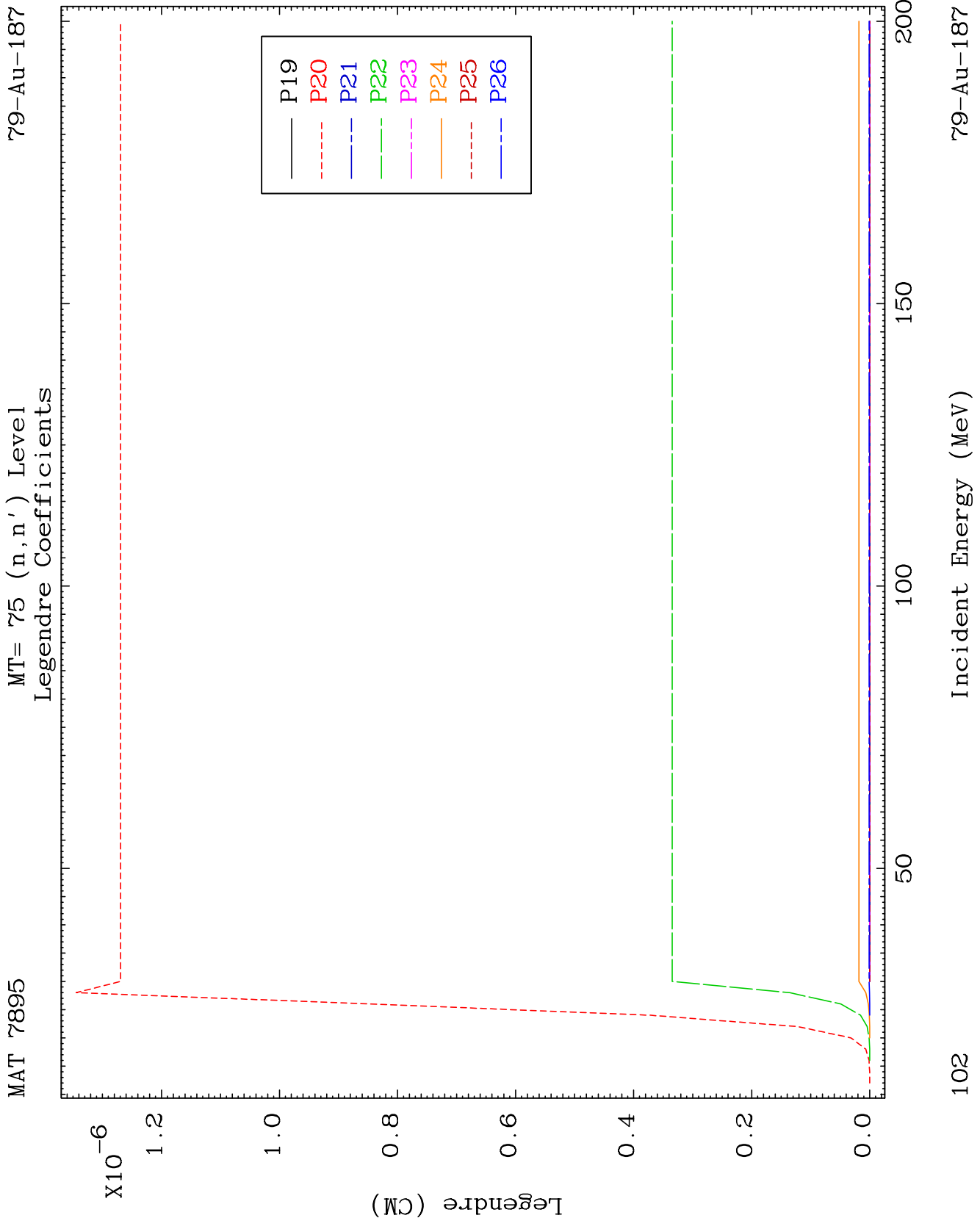
79-Au-187



101

Incident Energy (MeV)

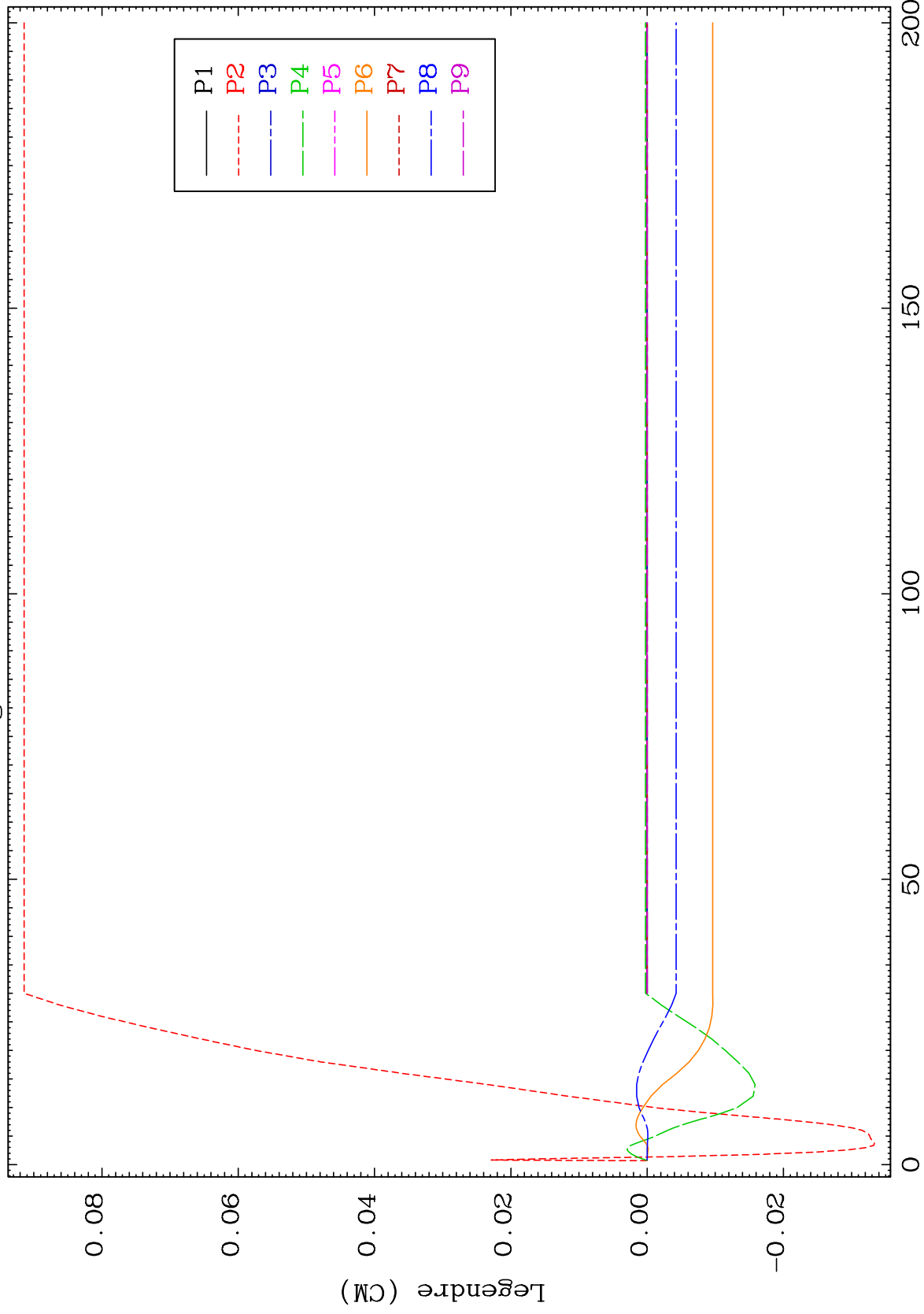
79-Au-187



MAT 7895

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

79-Au-187



103

Incident Energy (MeV)

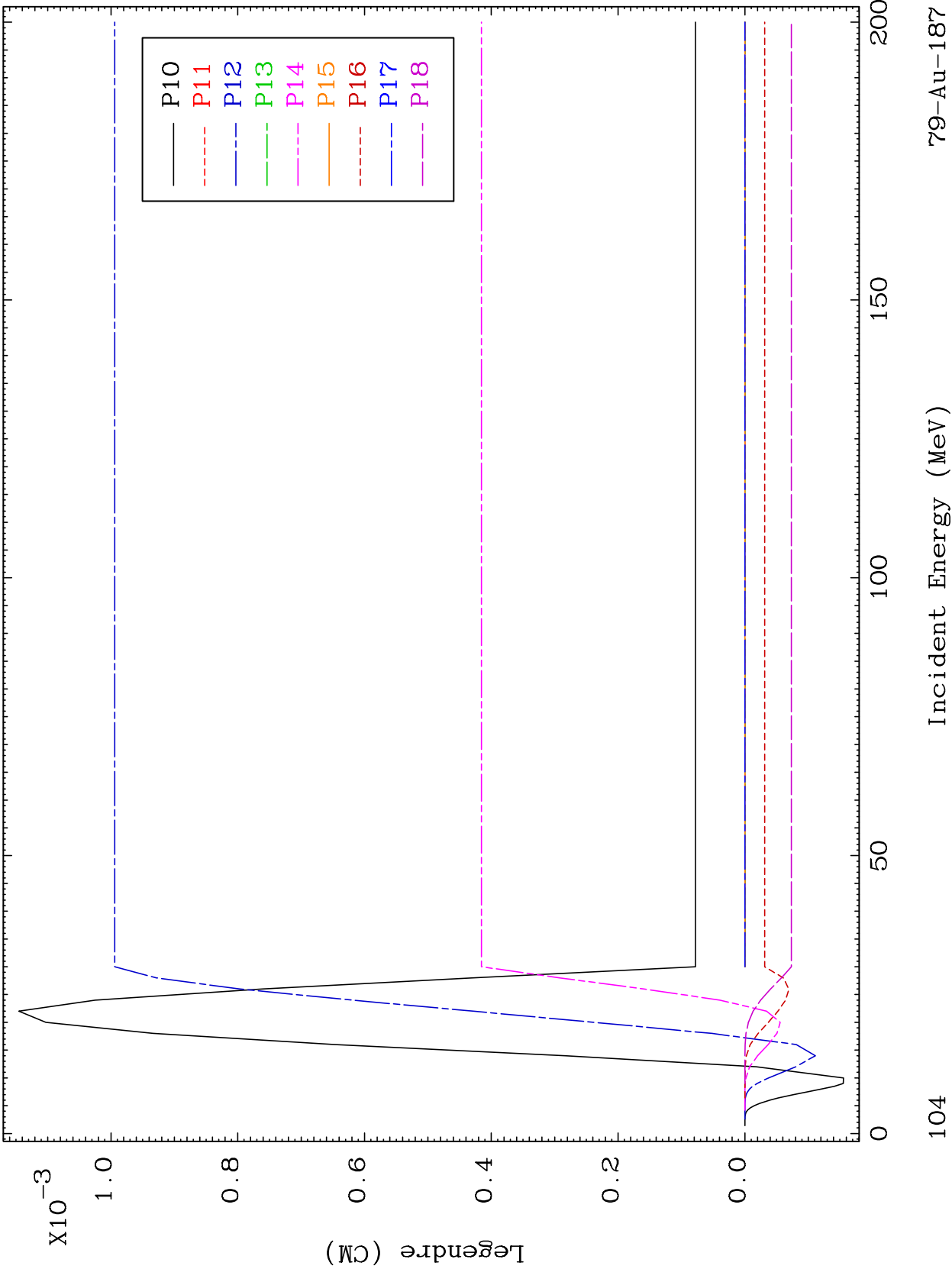
79-Au-187



MAT 7895

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

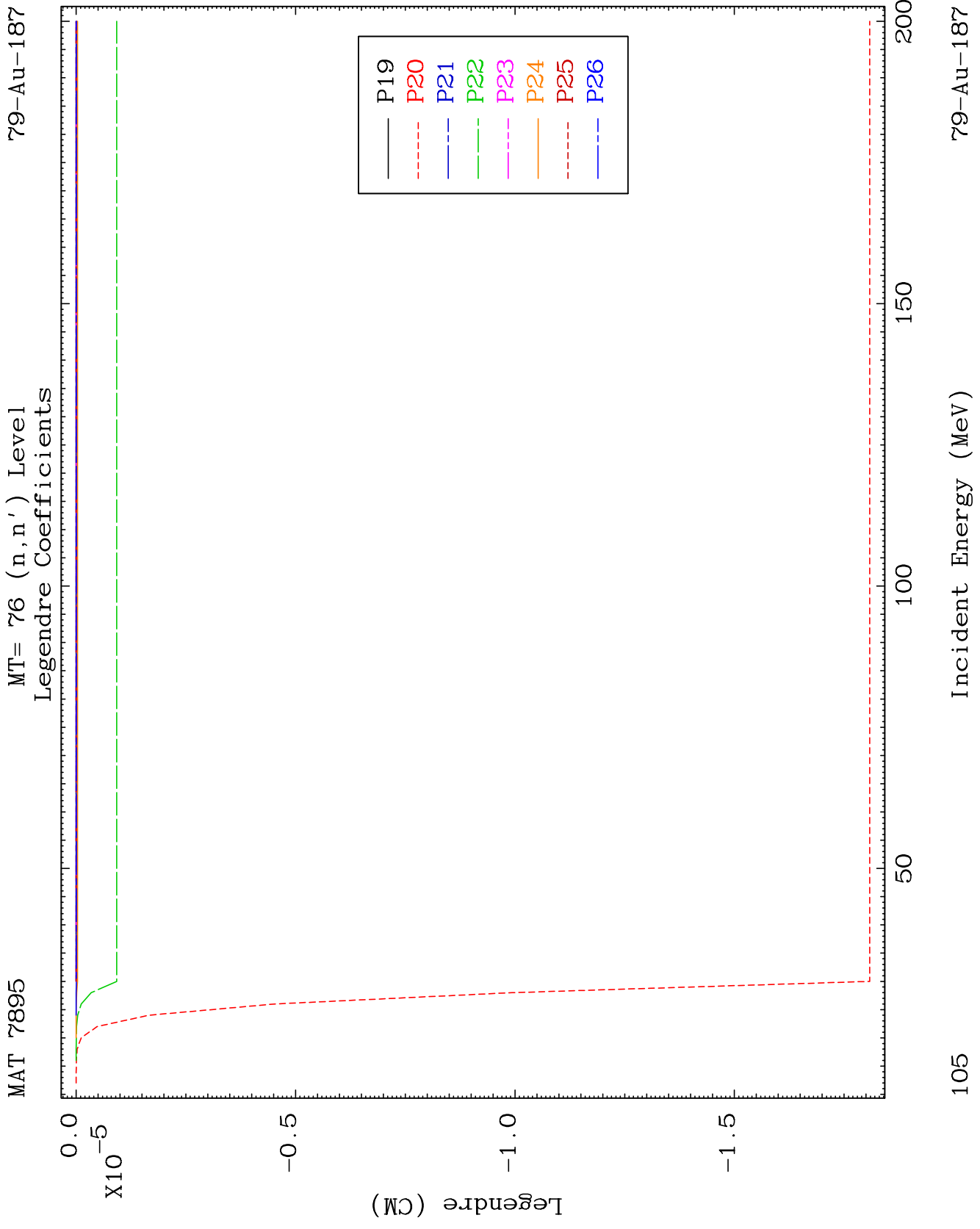
79-Au-187



79-Au-187

Incident Energy (MeV)

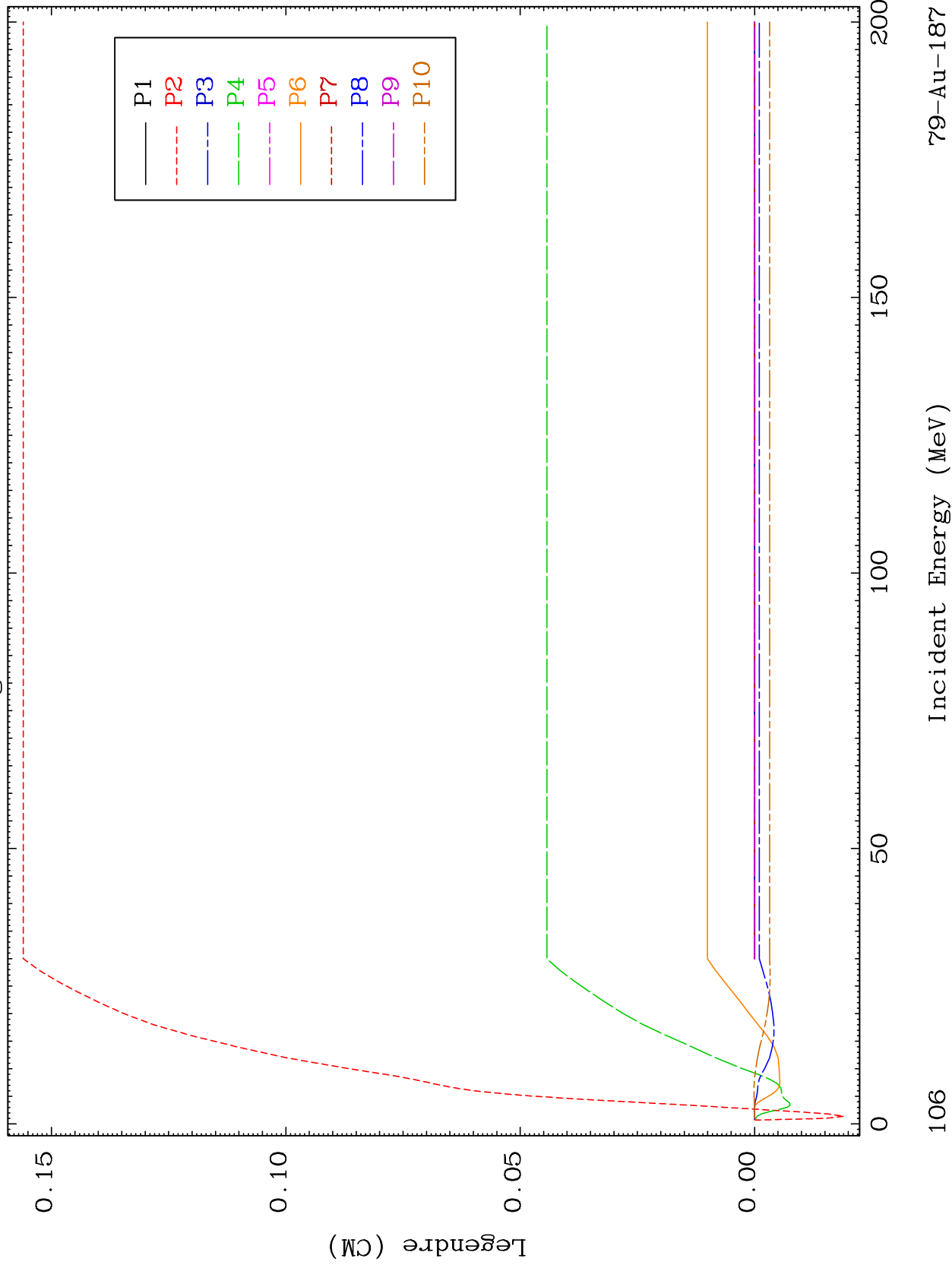
104



MAT 7895

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

79-Au-187



79-Au-187

Incident Energy (MeV)

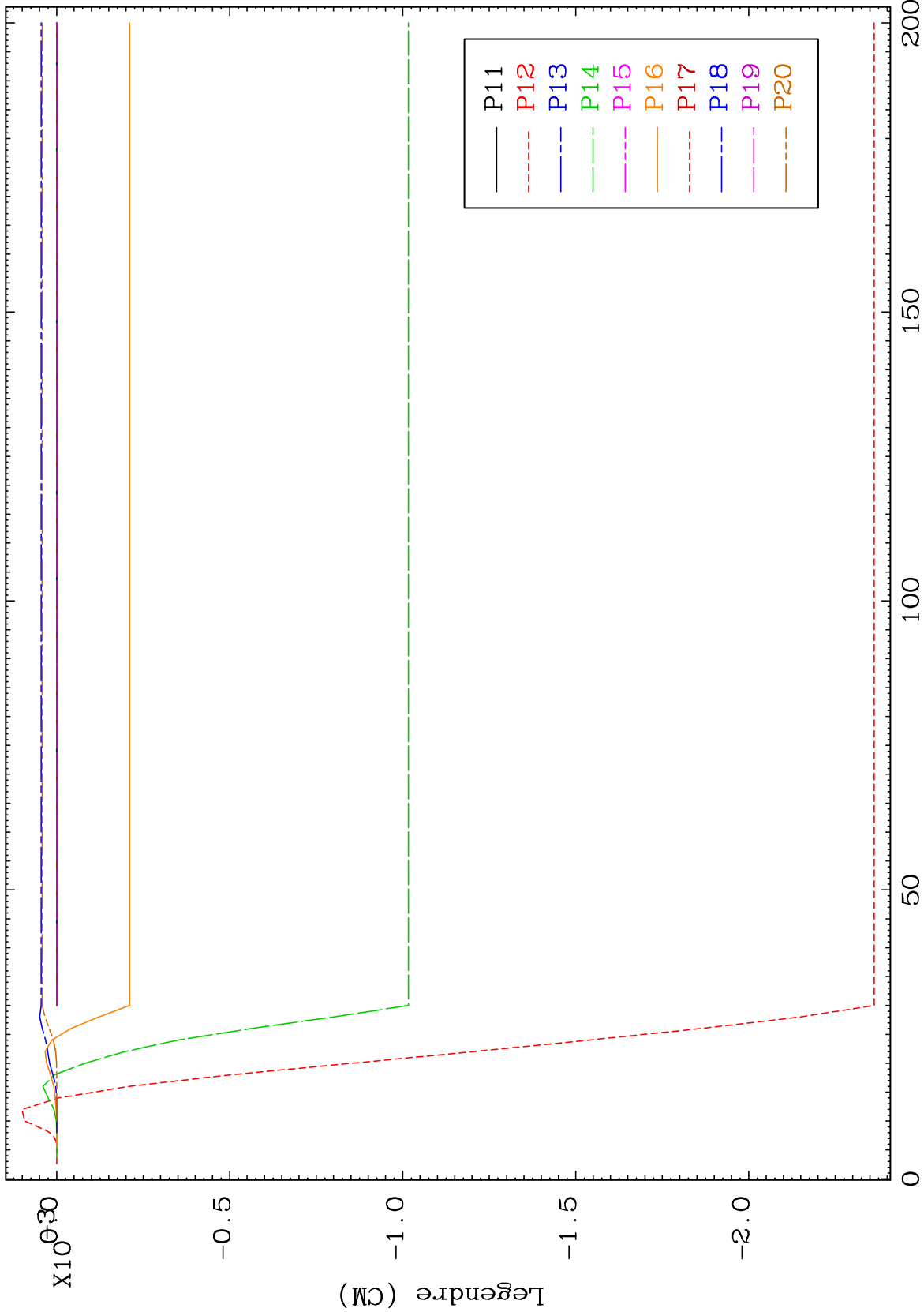
106

MAT 7895

MT= 77 (n,n') Level

79-Au-187

Legendre Coefficients



107

Incident Energy (MeV)

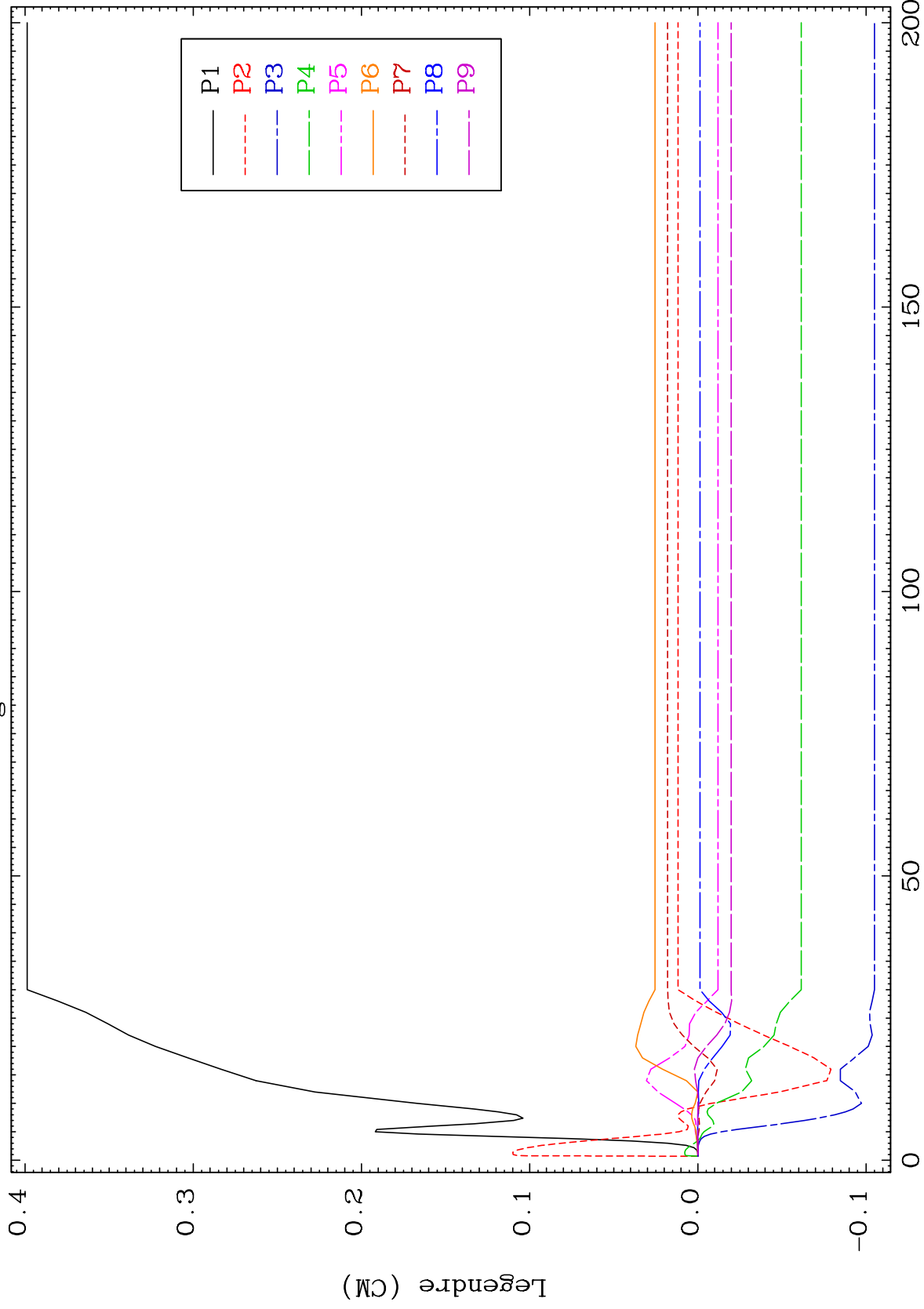
79-Au-187



MAT 7895

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

79-Au-187



109

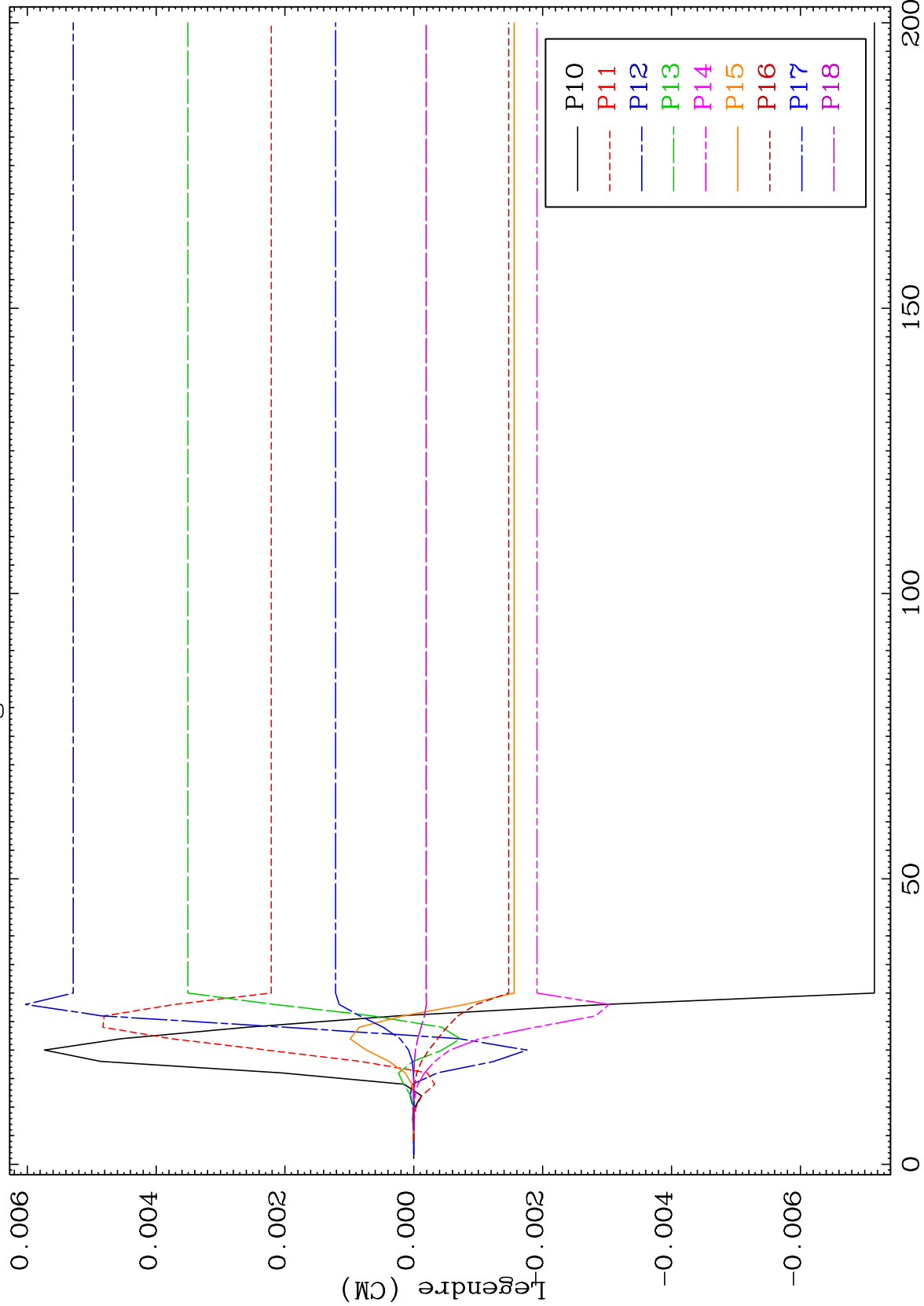
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



110

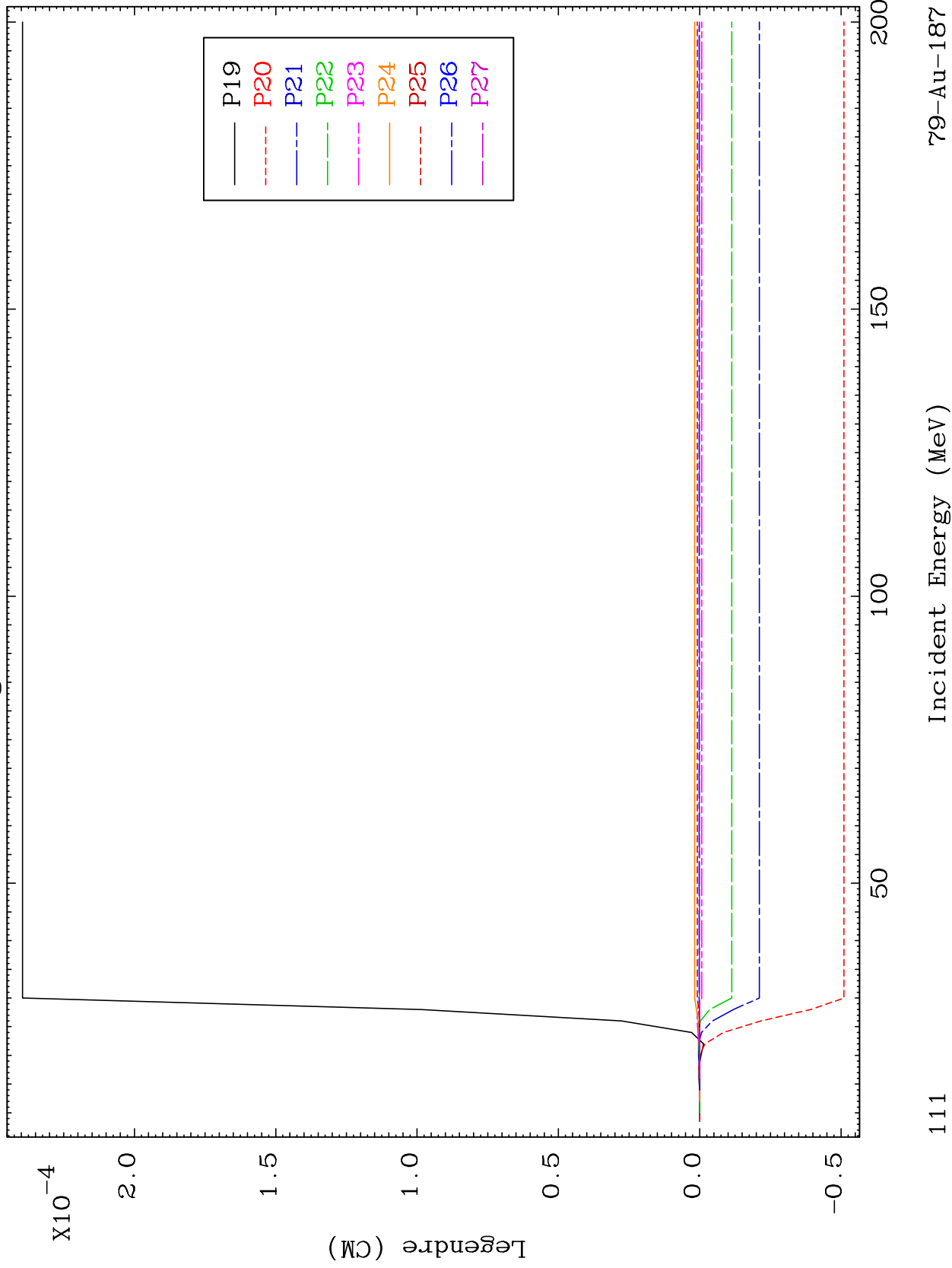
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



111

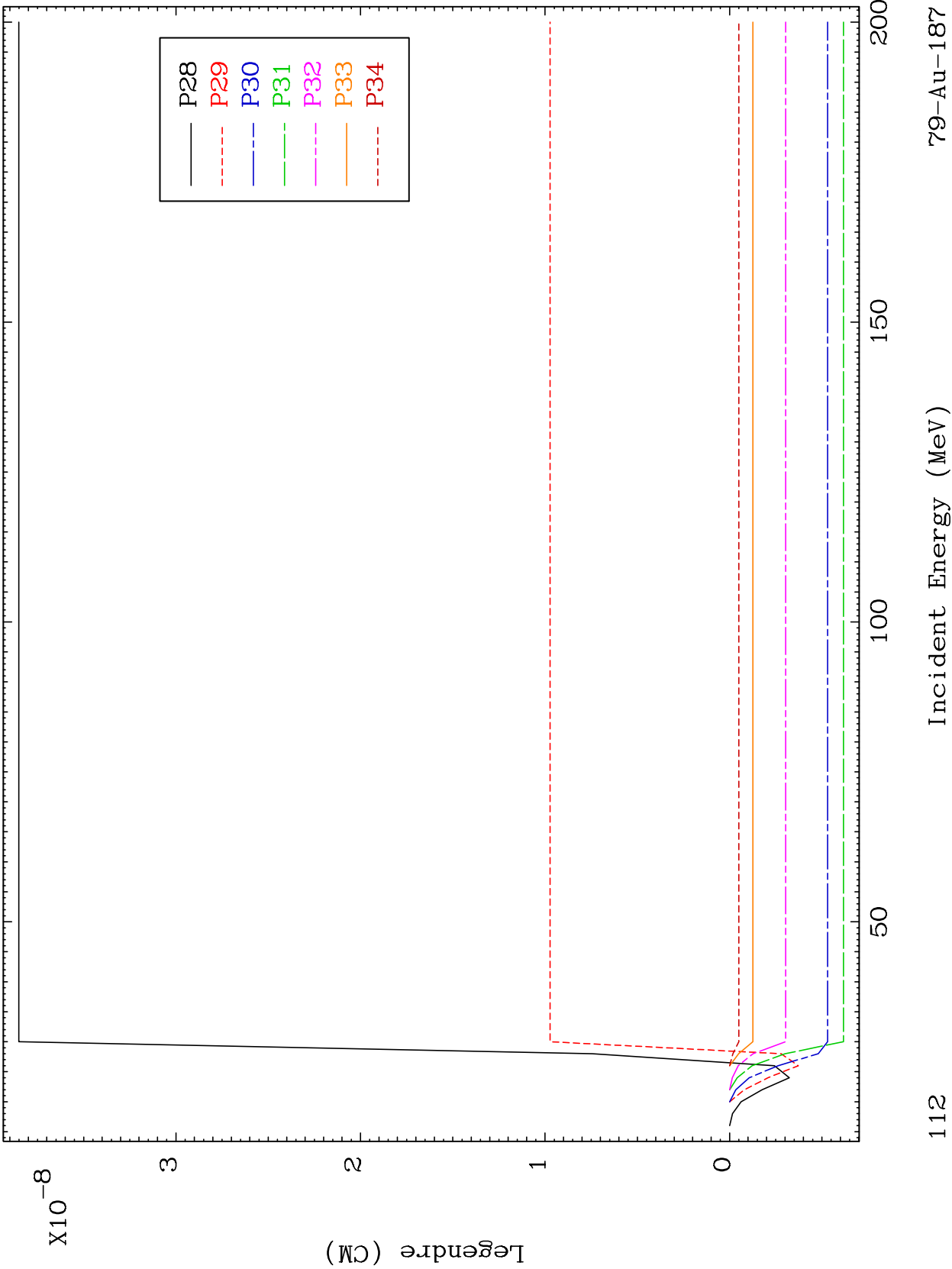
79-Au-187



MAT 7895

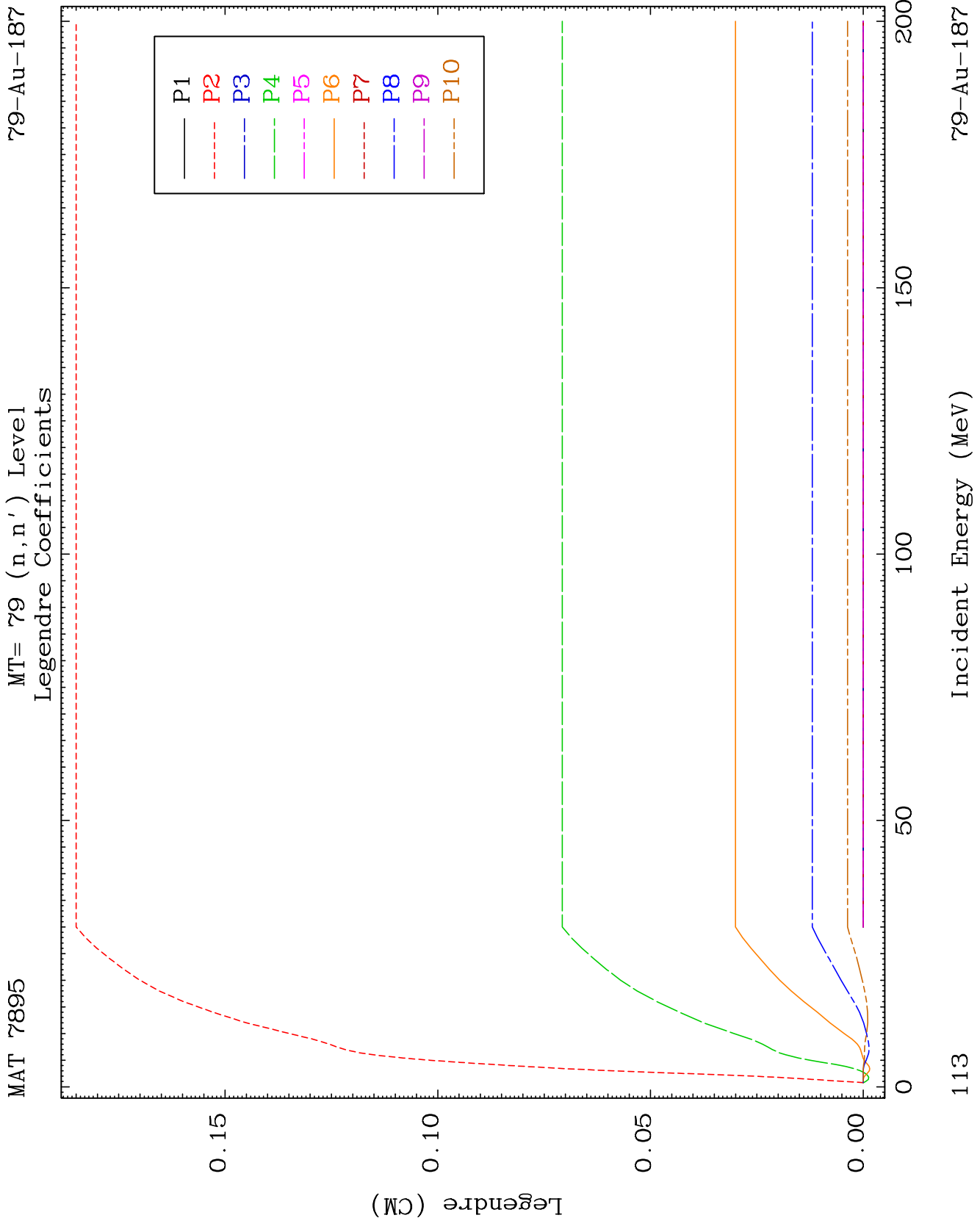
MT= 78 (n,n') Level  
Legendre Coefficients

79-Au-187



112

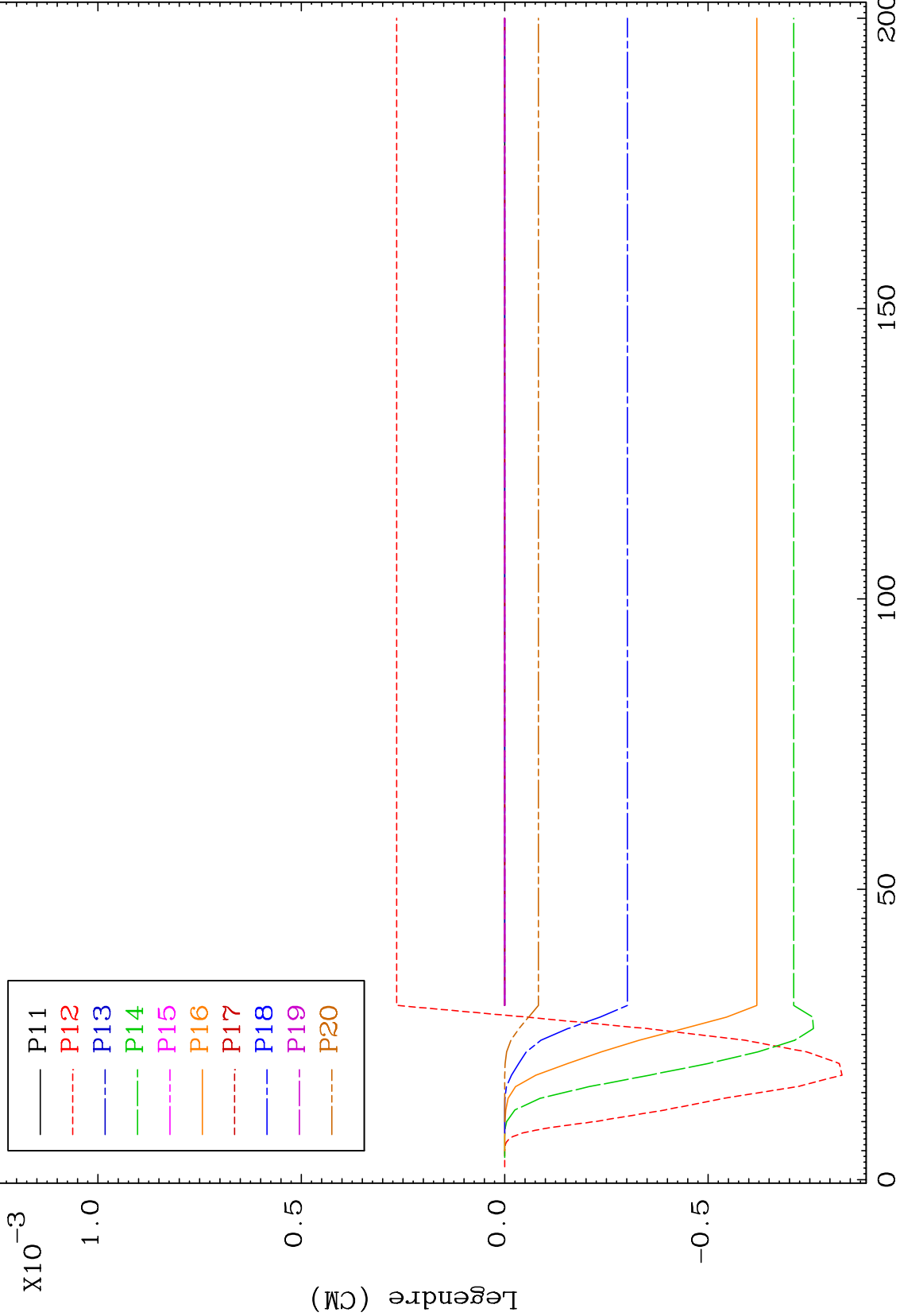
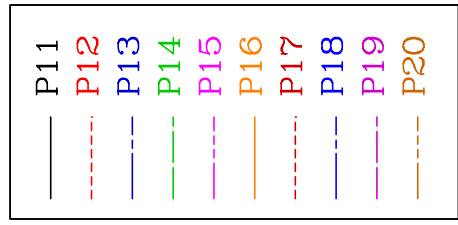
79-Au-187



MAT 7895

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

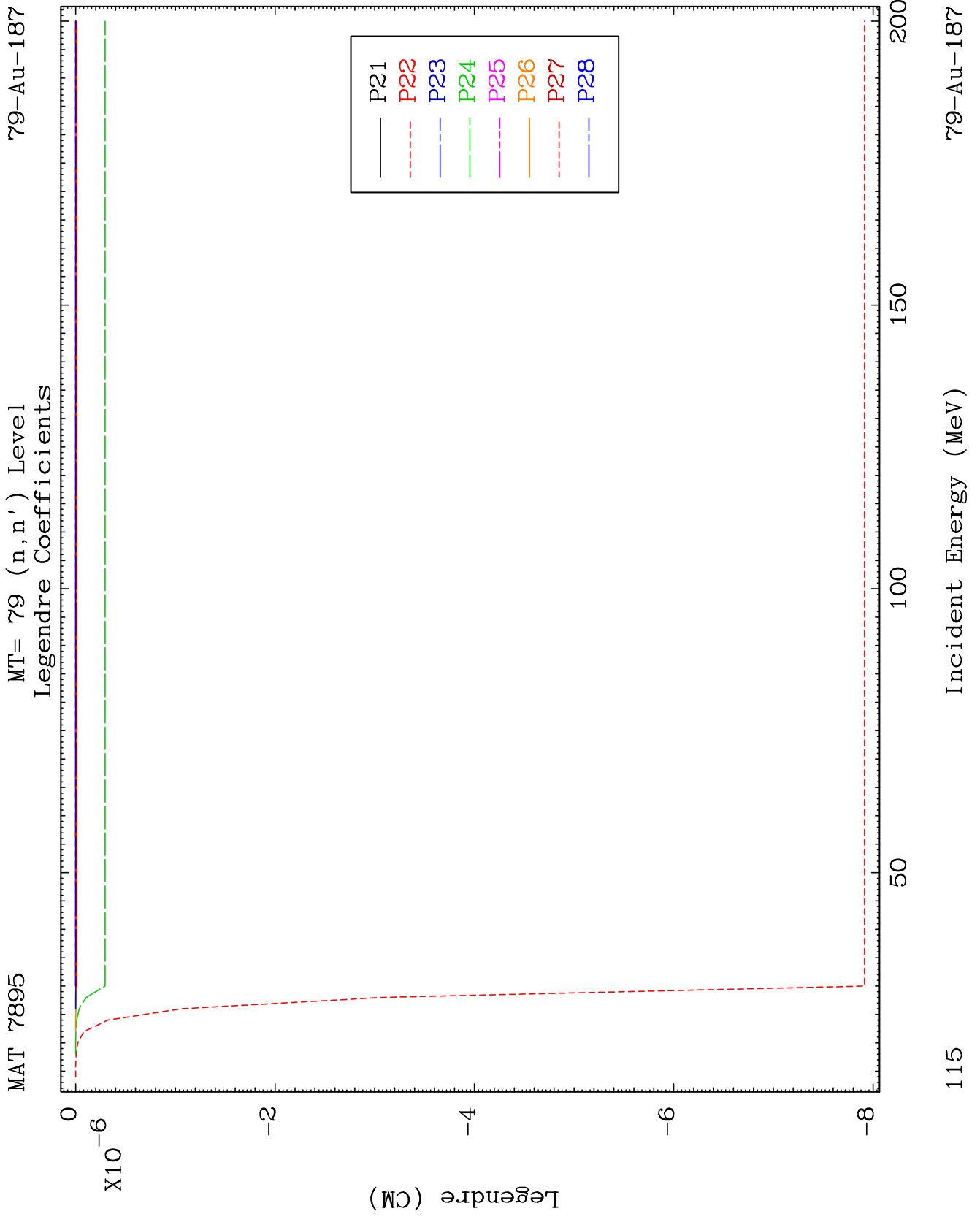
79-Au-187



114

Incident Energy (MeV)

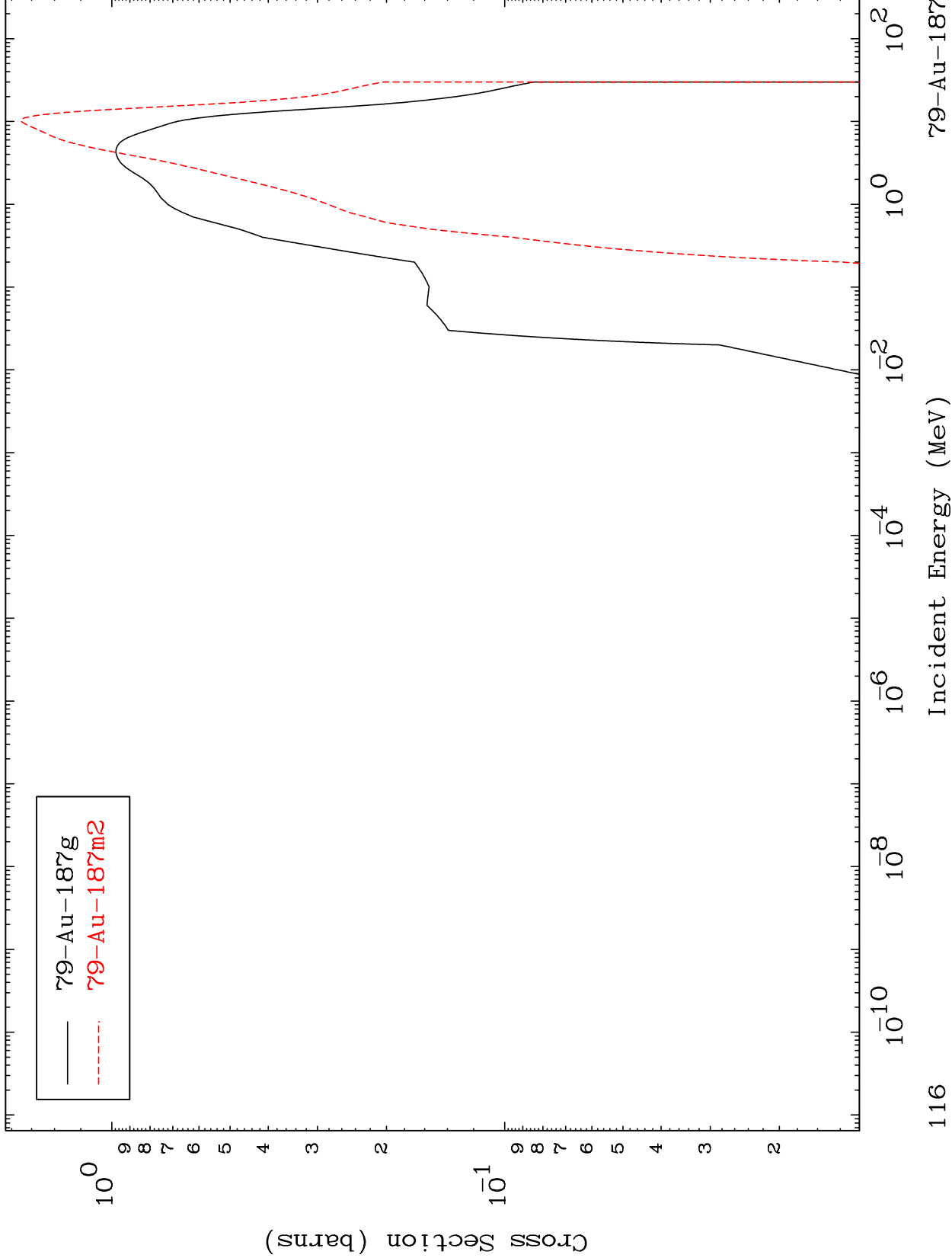
79-Au-187



MAT 7895

Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-187



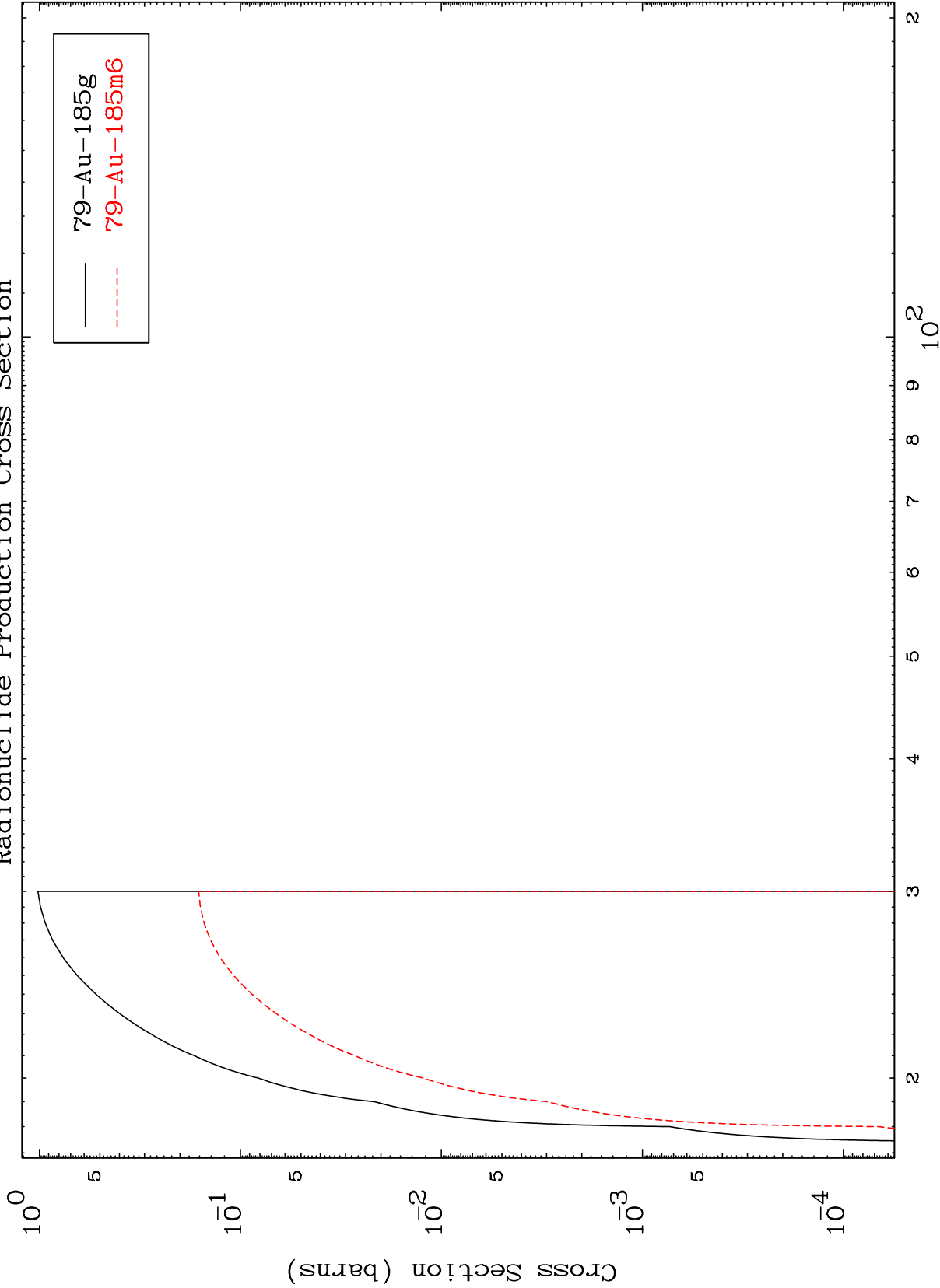
— <sup>79</sup>Au-187g  
- - - <sup>79</sup>Au-187m2

MAT 7895

(n,3n)

79-Au-187

Radionuclide Production Cross Section



79-Au-185g  
79-Au-185m6

117

Incident Energy (MeV)

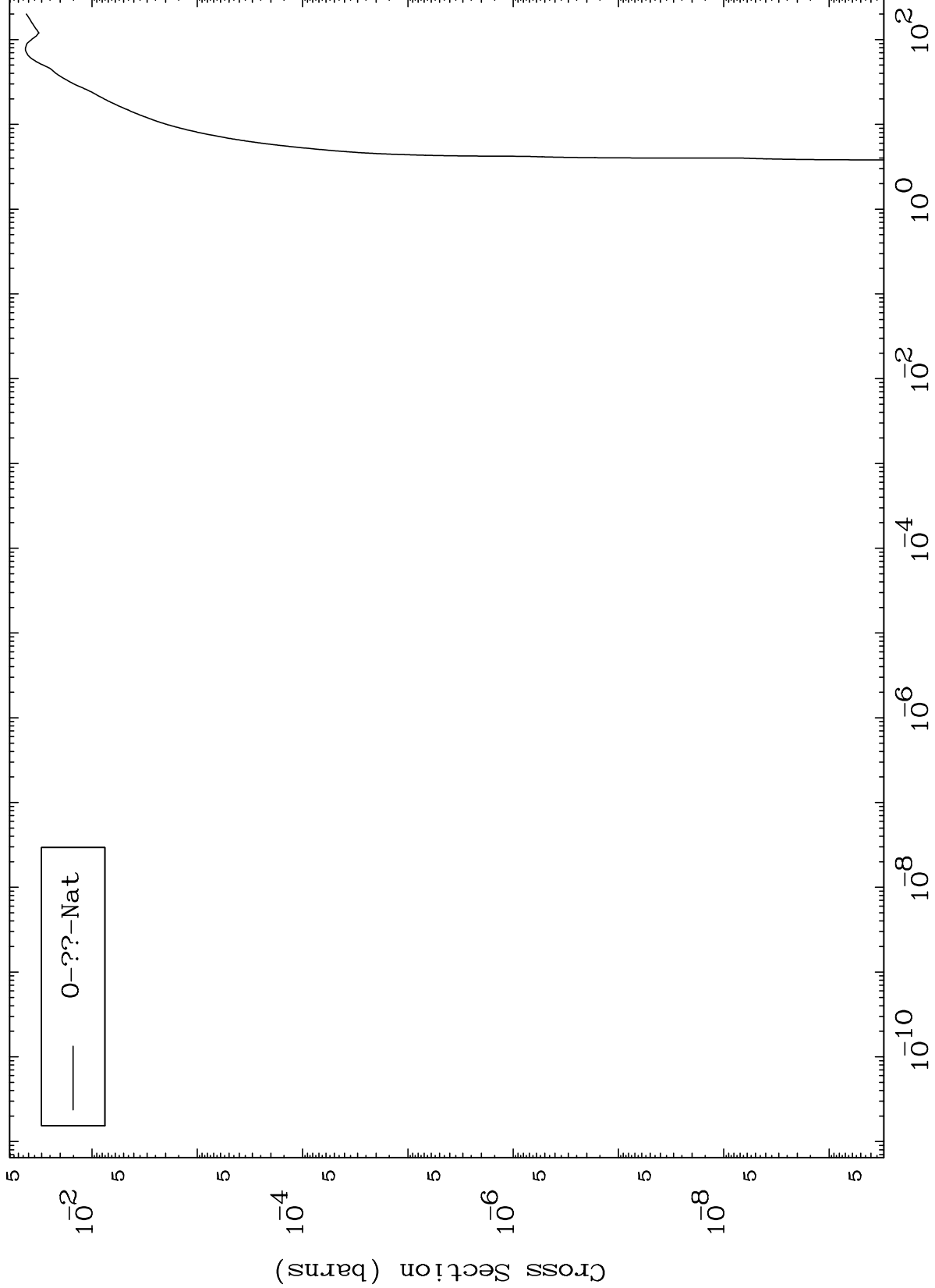
79-Au-187

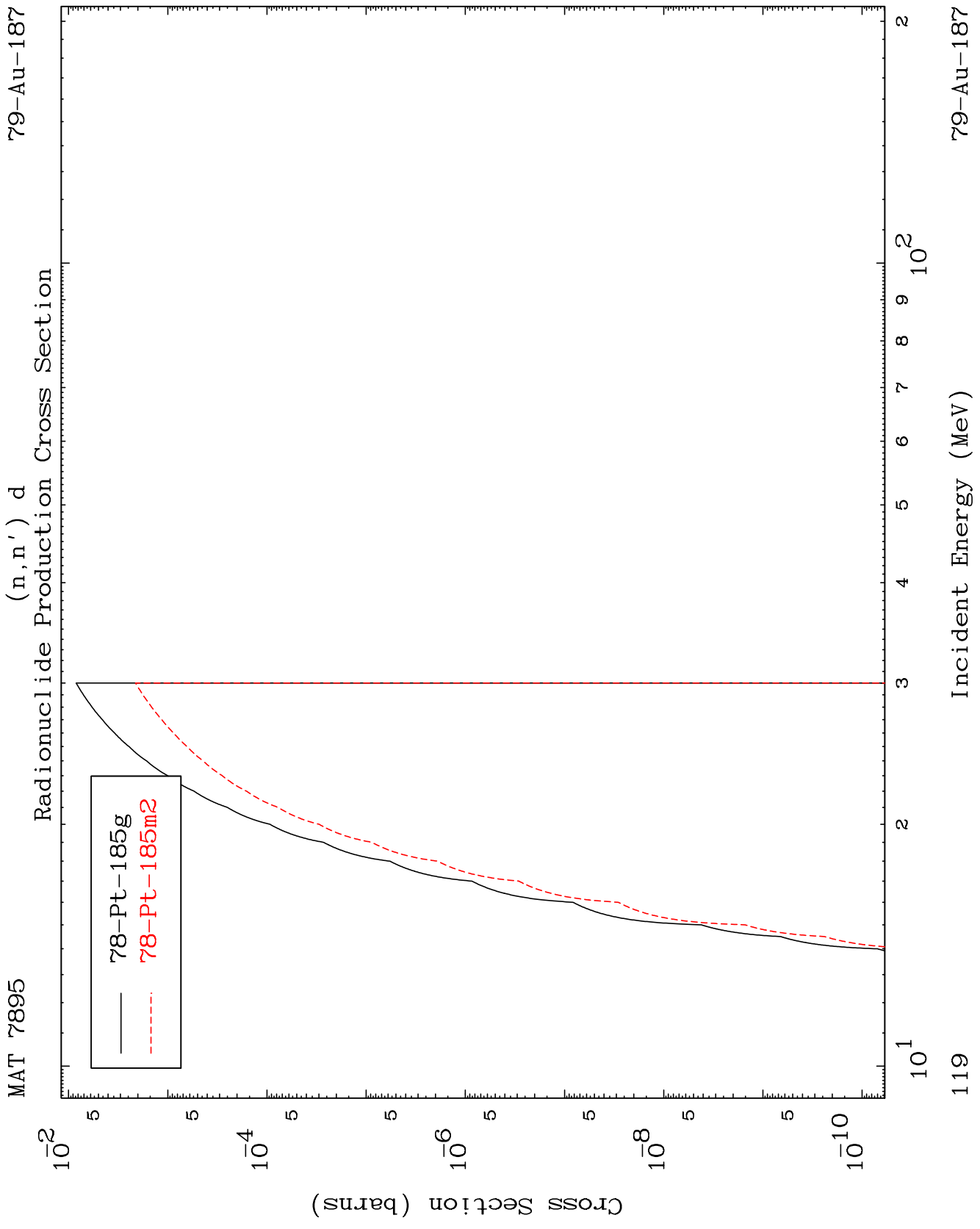
MAT 7895

Fission

79-Au-187

Radionuclide Production Cross Section





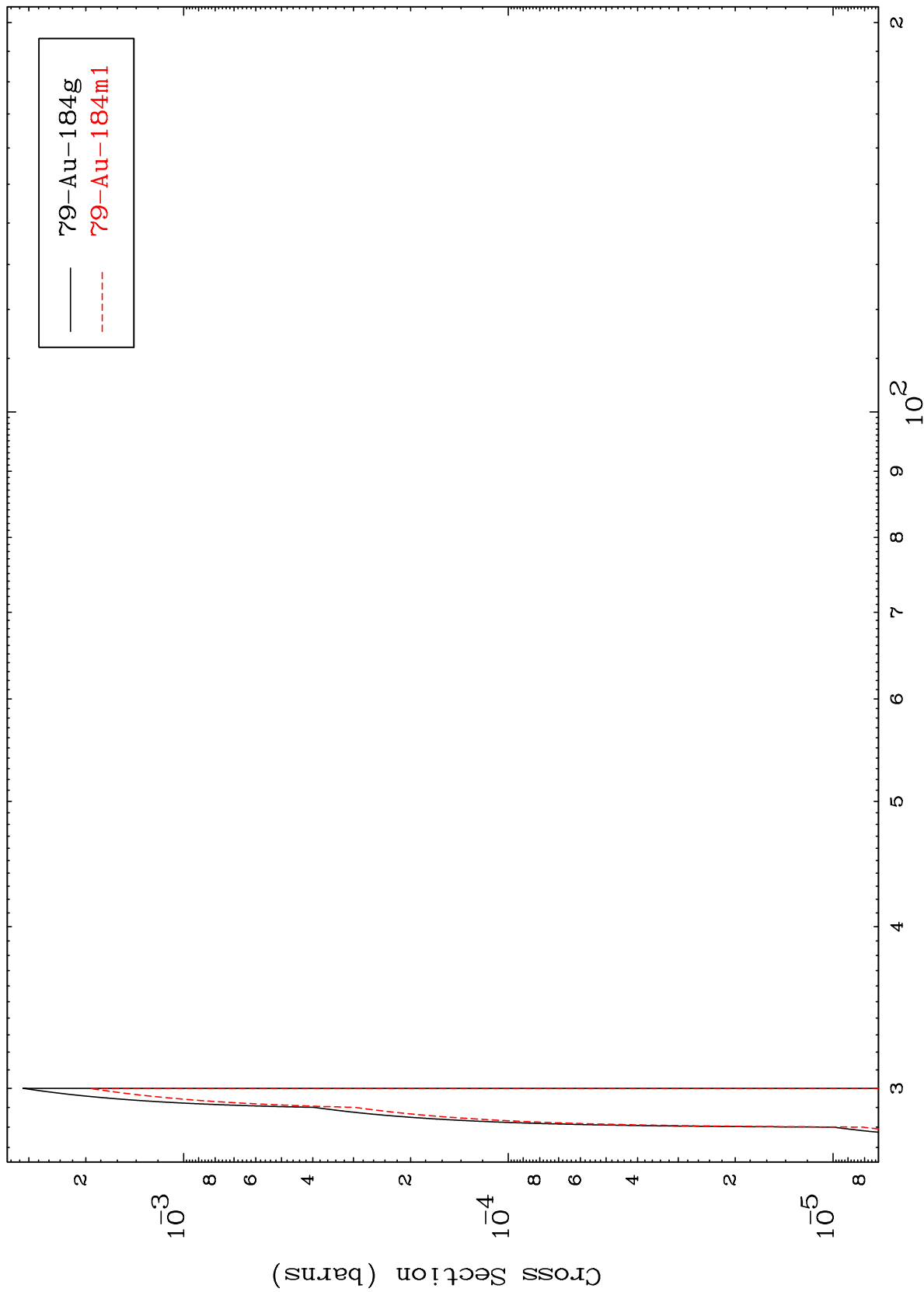


MAT 7895

79-Au-187

(n,4n)

Radionuclide Production Cross Section



120

Incident Energy (MeV)

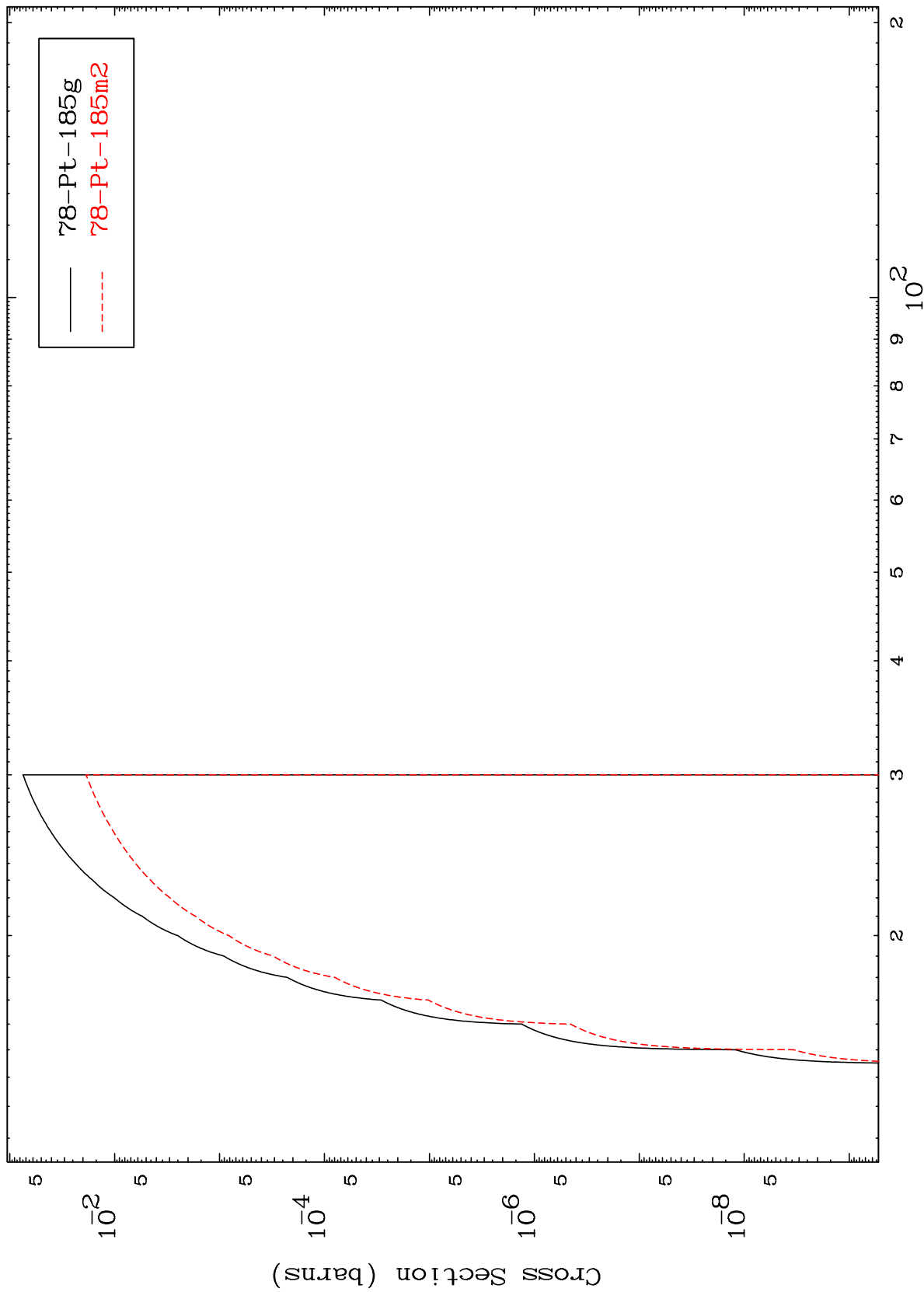
79-Au-187

MAT 7895

(n,2n) p

79-Au-187

Radionuclide Production Cross Section



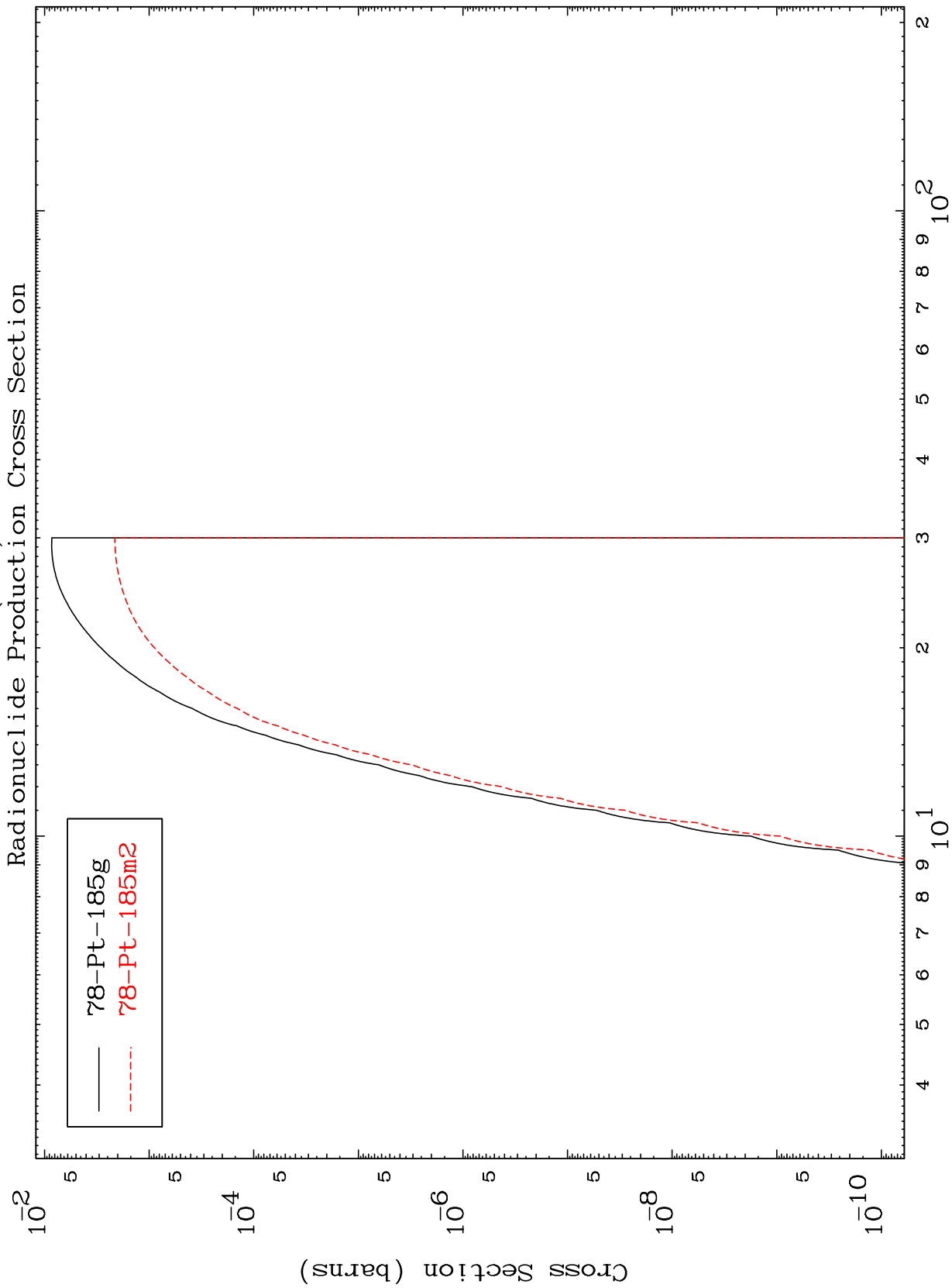
121

Incident Energy (MeV)

79-Au-187

MAT 7895

79-Au-187



79-Au-187

Incident Energy (MeV)

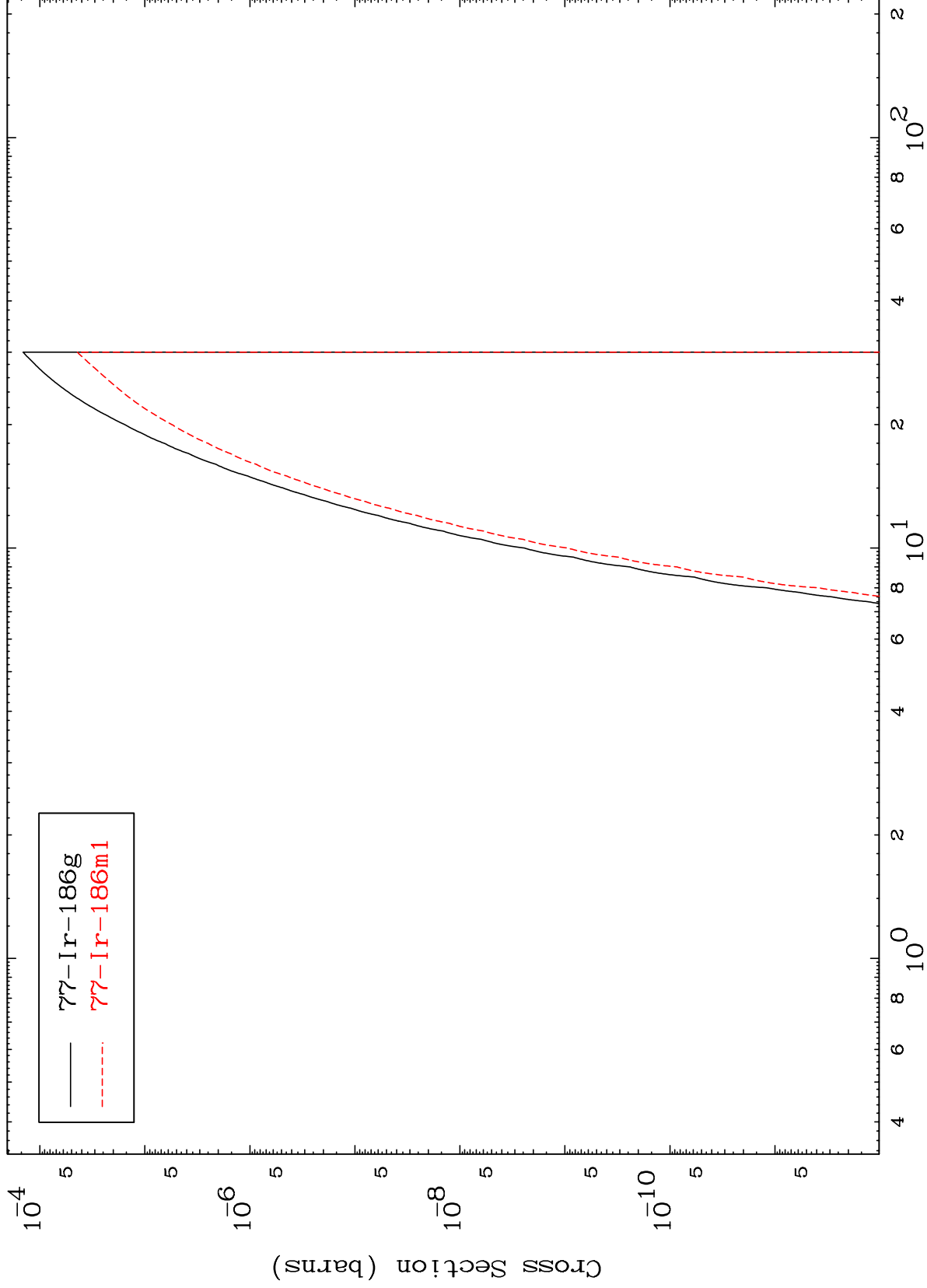
122

MAT 7895

(n,2p)

<sup>79</sup>Au-187

Radionuclide Production Cross Section



123

Incident Energy (MeV)

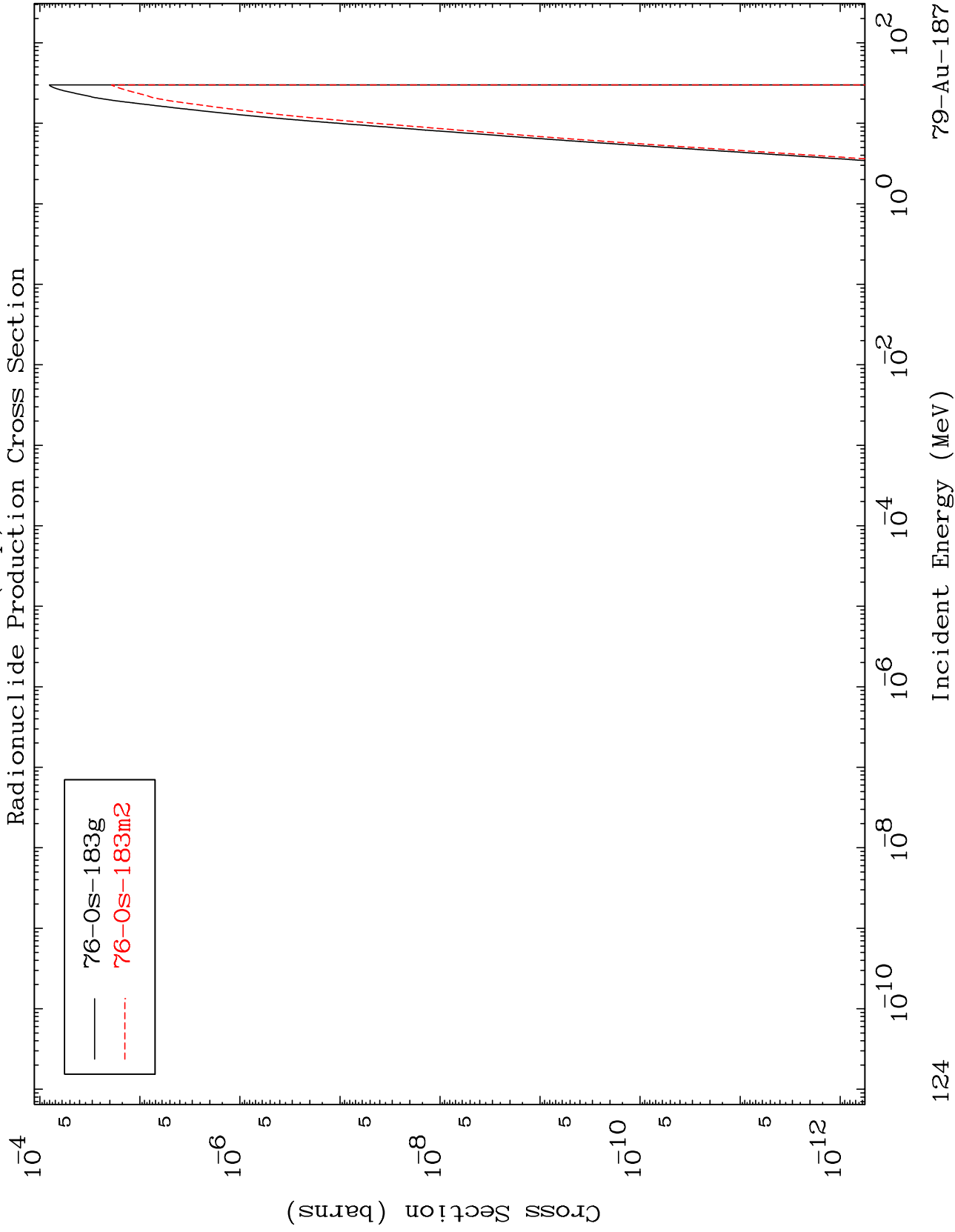
<sup>79</sup>Au-187

MAT 7895

(n,p)  $\alpha$

79-Au-187

Radionuclide Production Cross Section



124

Incident Energy (MeV)

79-Au-187