

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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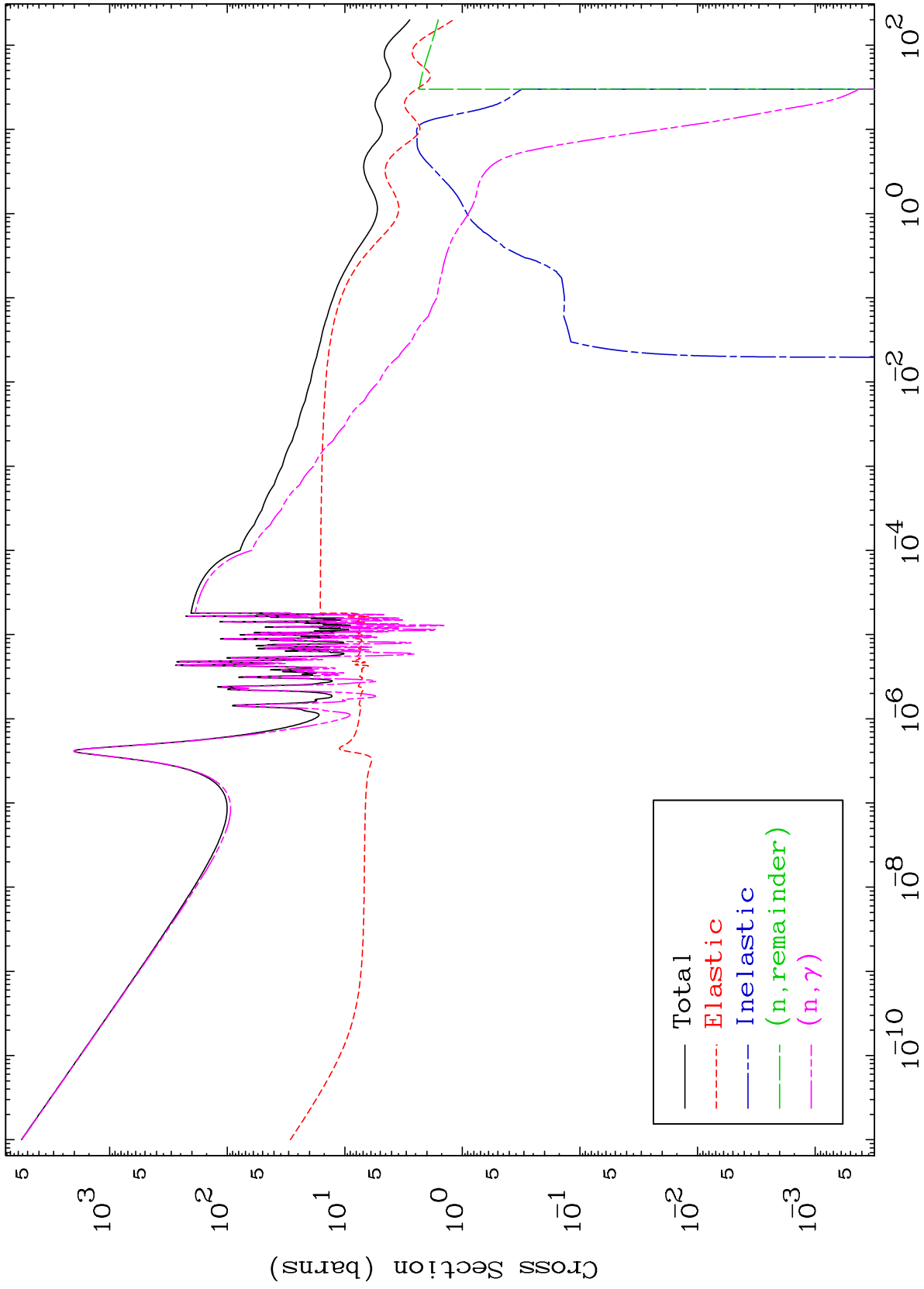
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7895

Major  
293 Kelvin Cross Sections

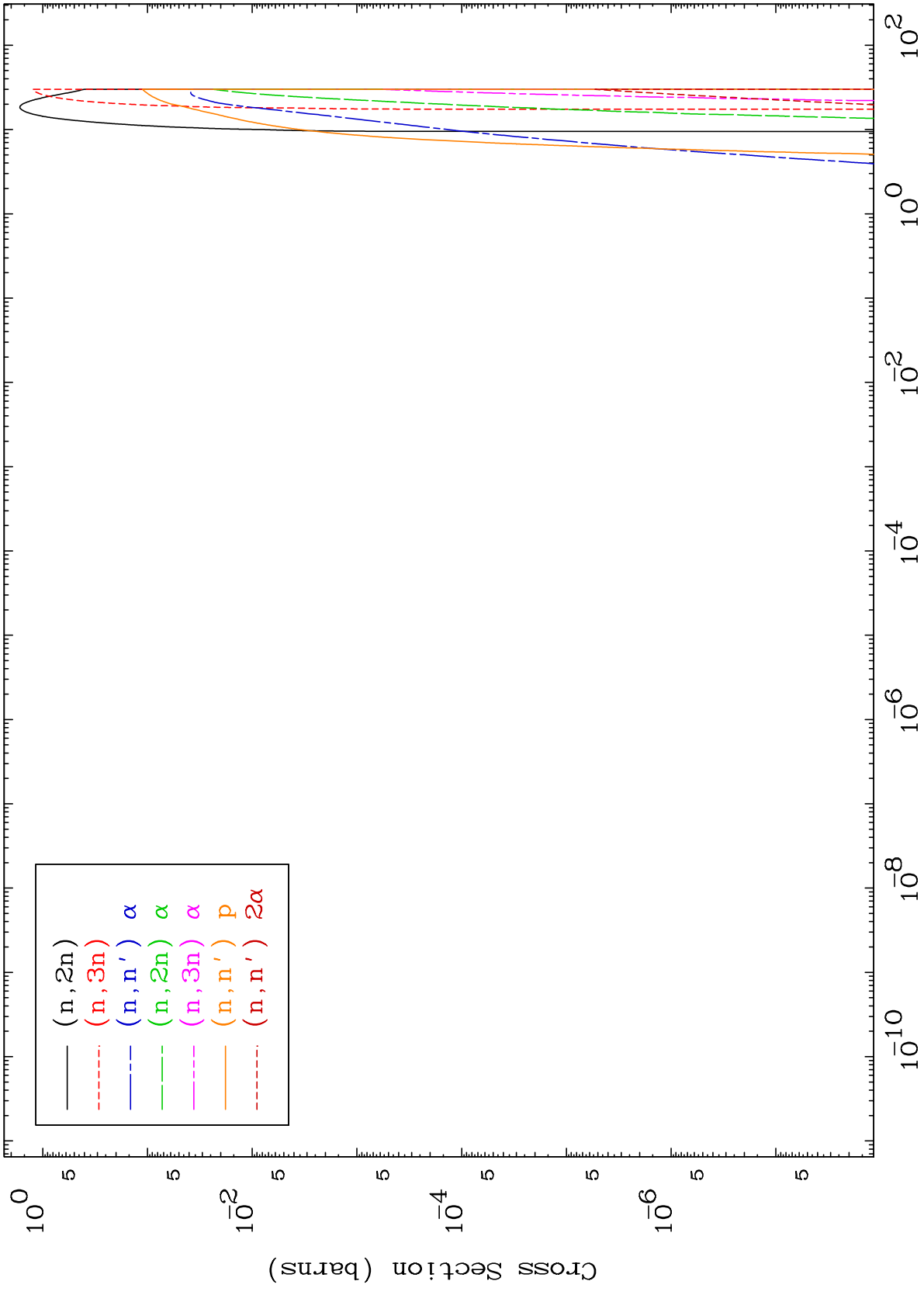
79-Au-187



MAT 7895

### Neutron Production 293 Kelvin Cross Sections

79-Au-187

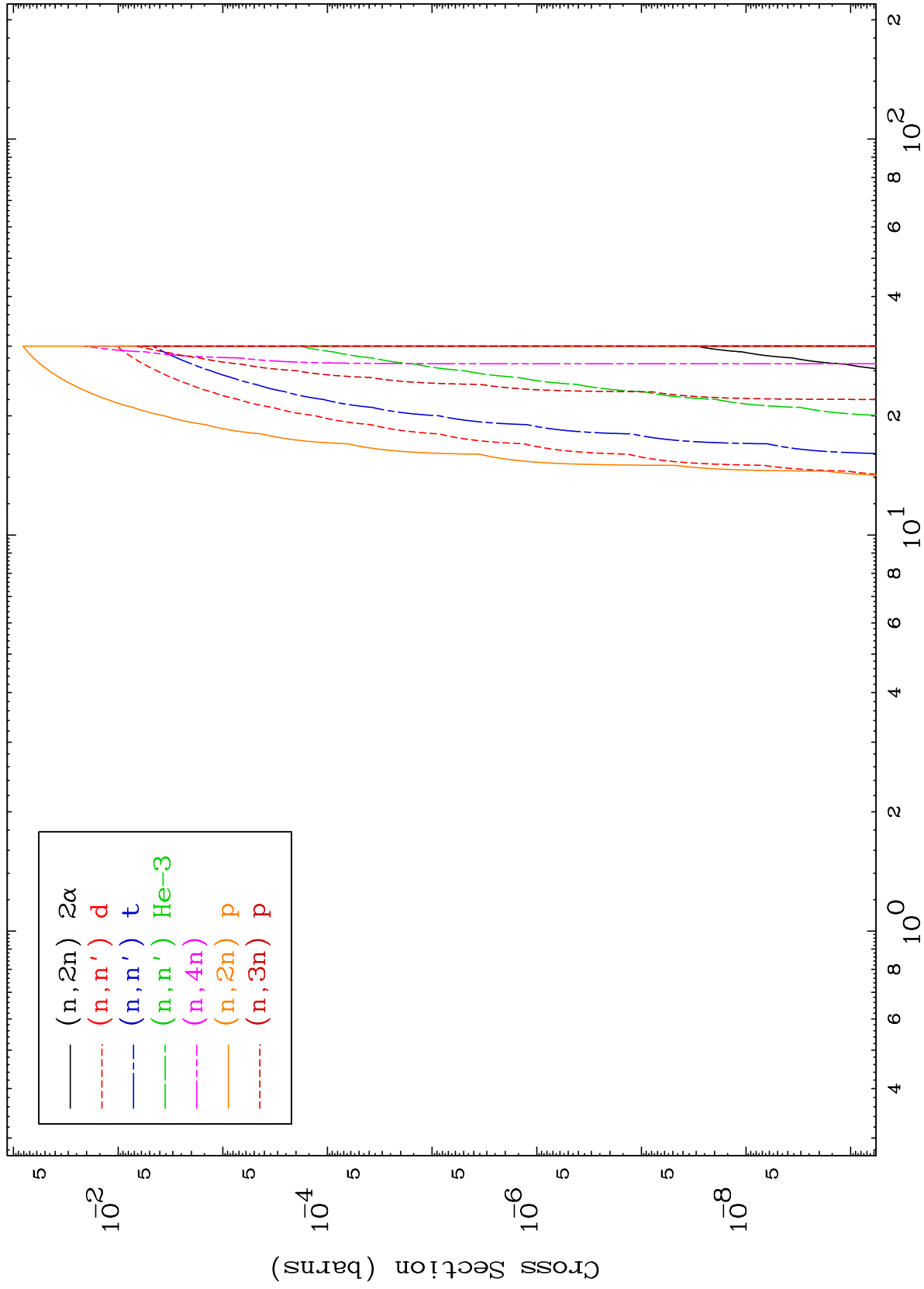


79-Au-187

MAT 7895

Neutron Production  
293 Kelvin Cross Sections

79-Au-187

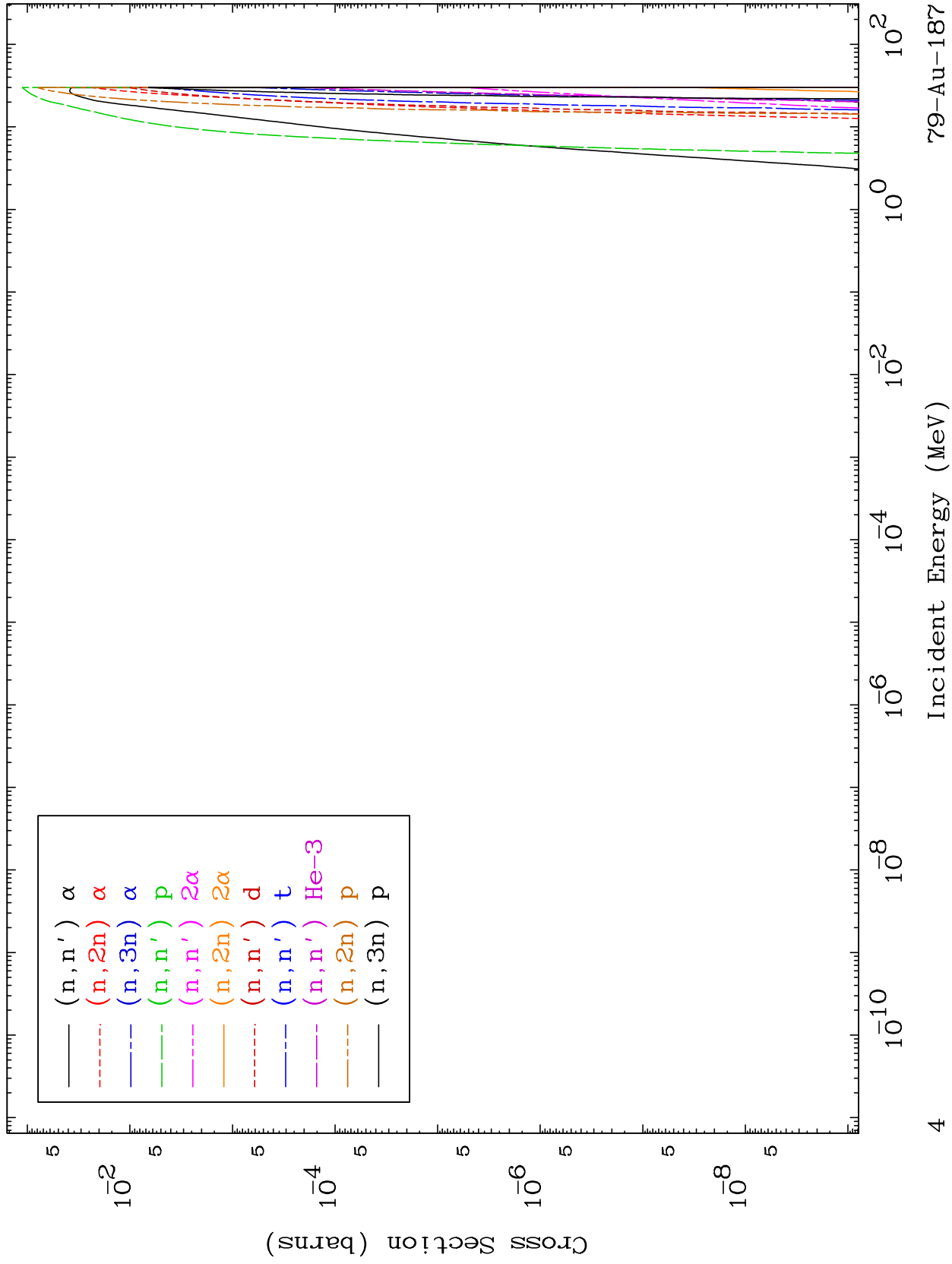


79-Au-187

MAT 7895

Charged Particle  
293 Kelvin Cross Sections

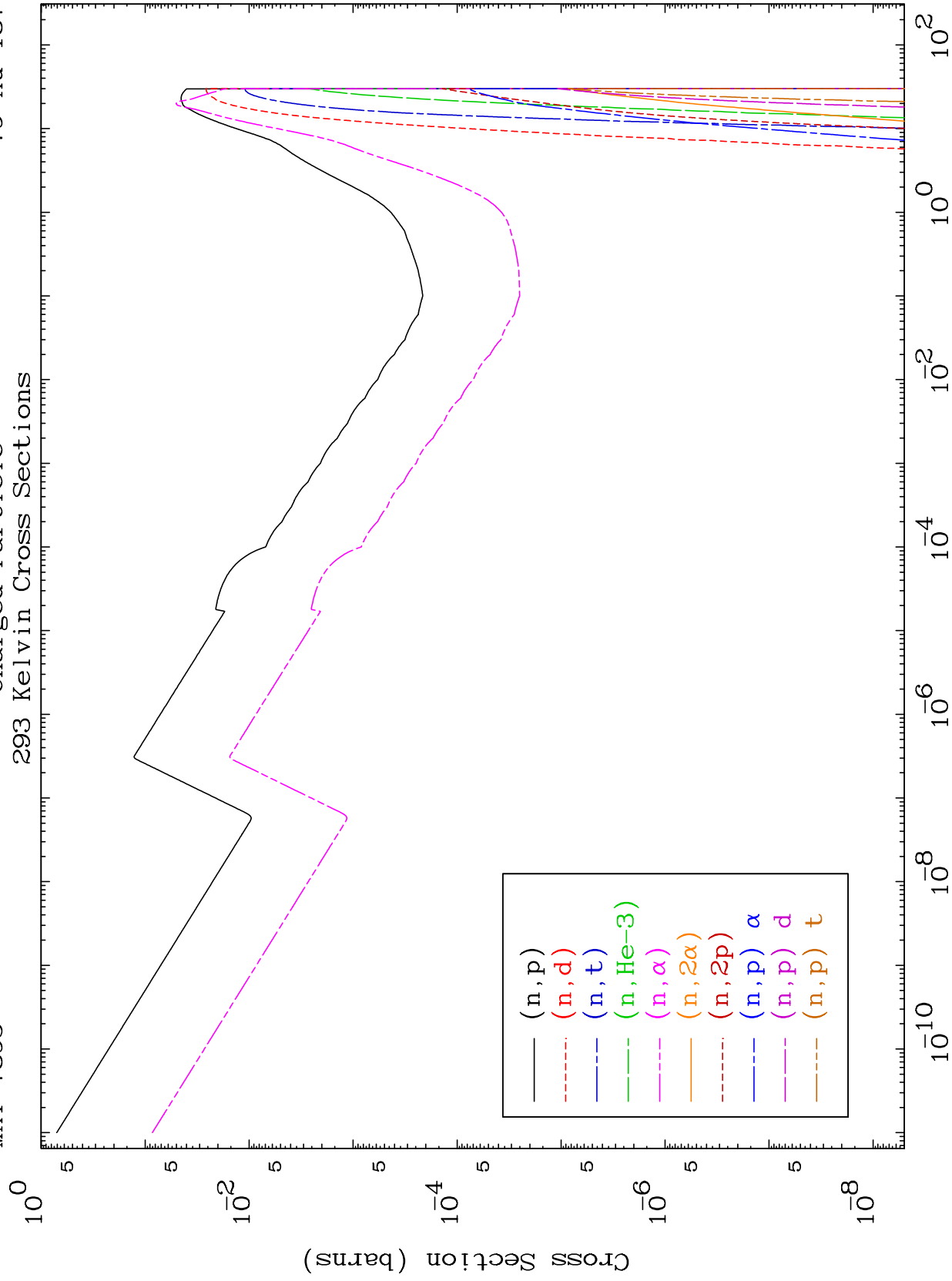
79-Au-187



MAT 7895

293 Kelvin Cross Sections

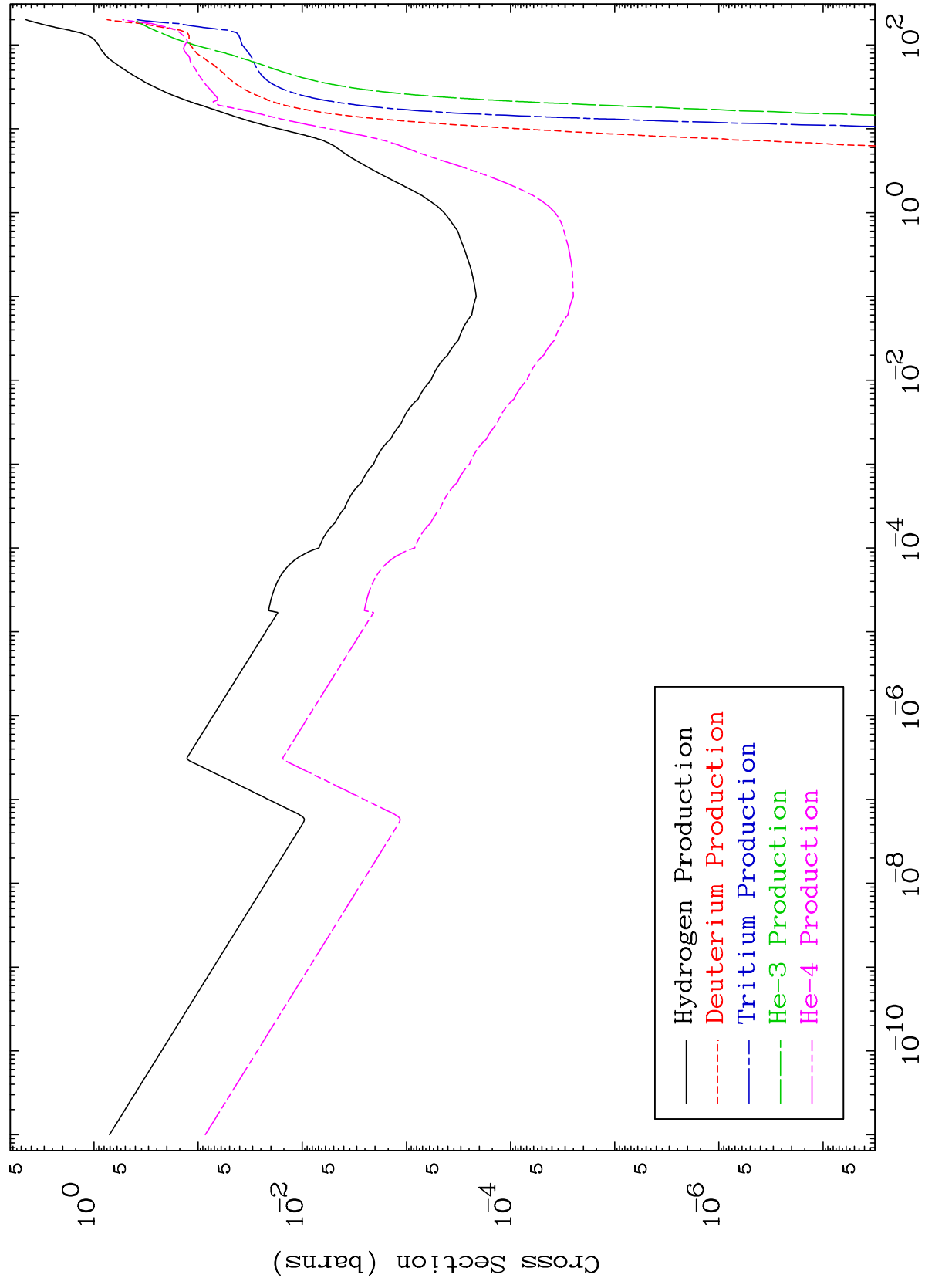
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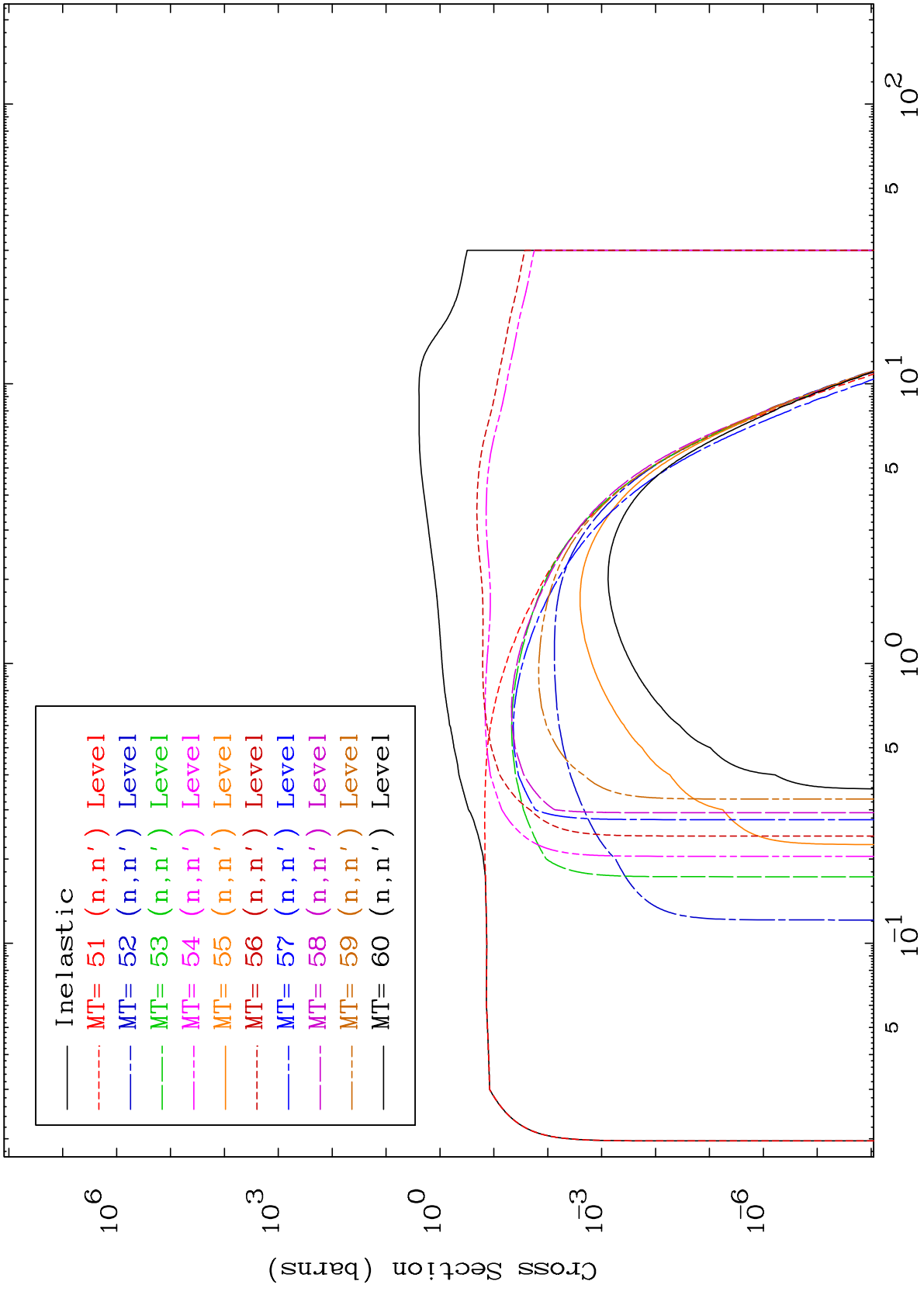
MAT 7895

Particle Production  
293 Kelvin Cross Sections

79-Au-187



79-Au-187



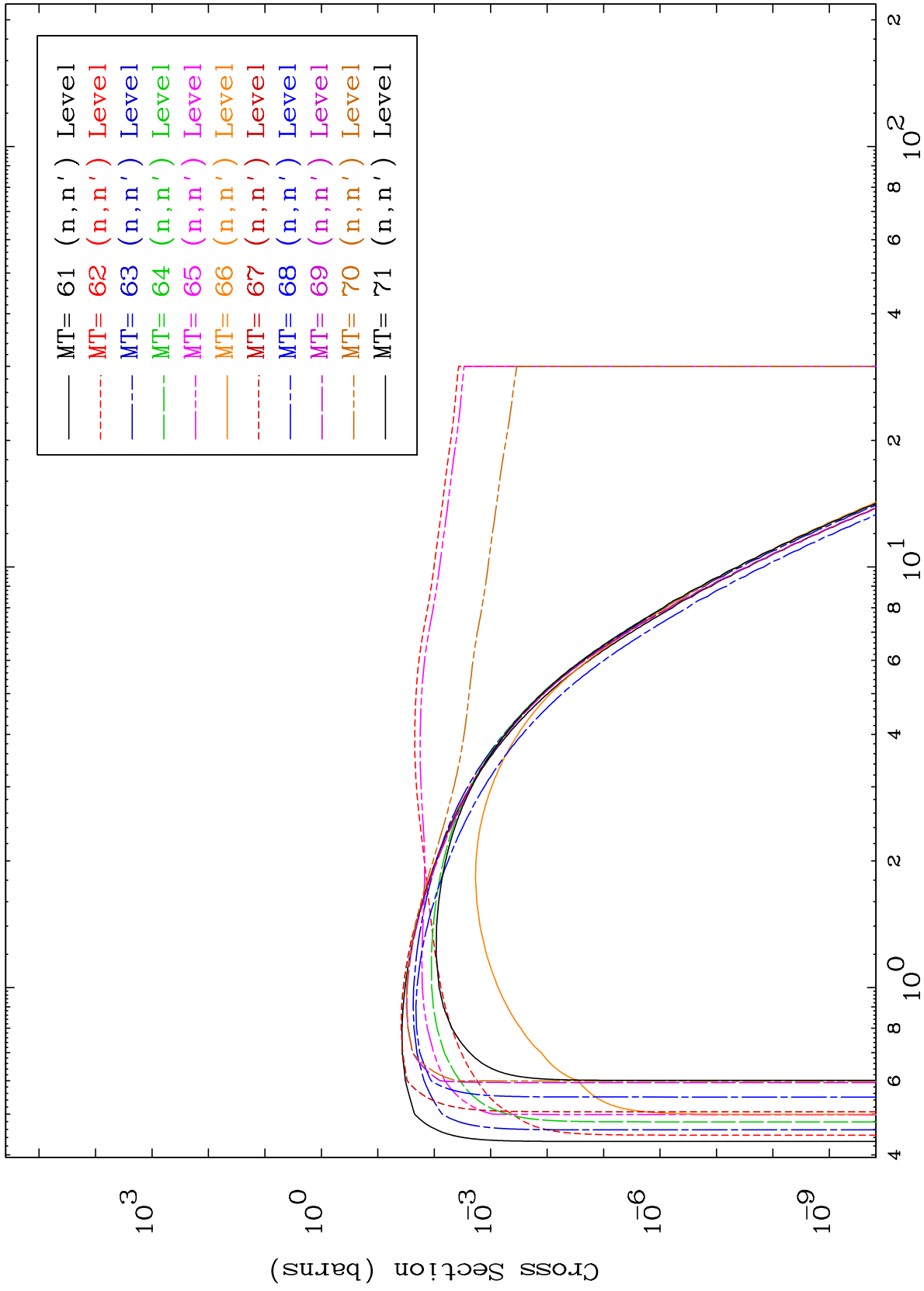


MAT 7895

(n,n') Level

79-Au-187

293 Kelvin Cross Sections



8

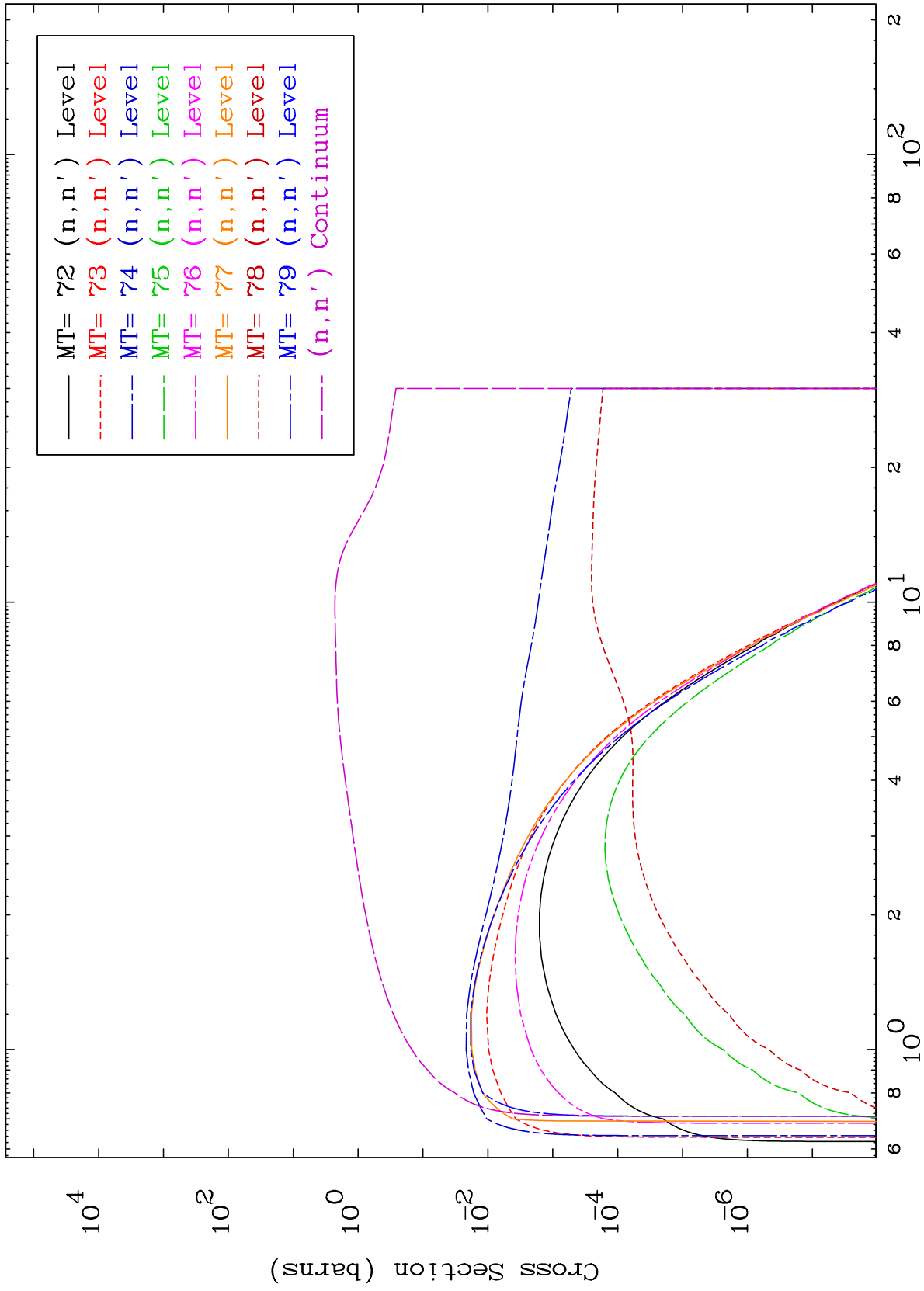
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,n') Level  
293 Kelvin Cross Sections

79-Au-187



9

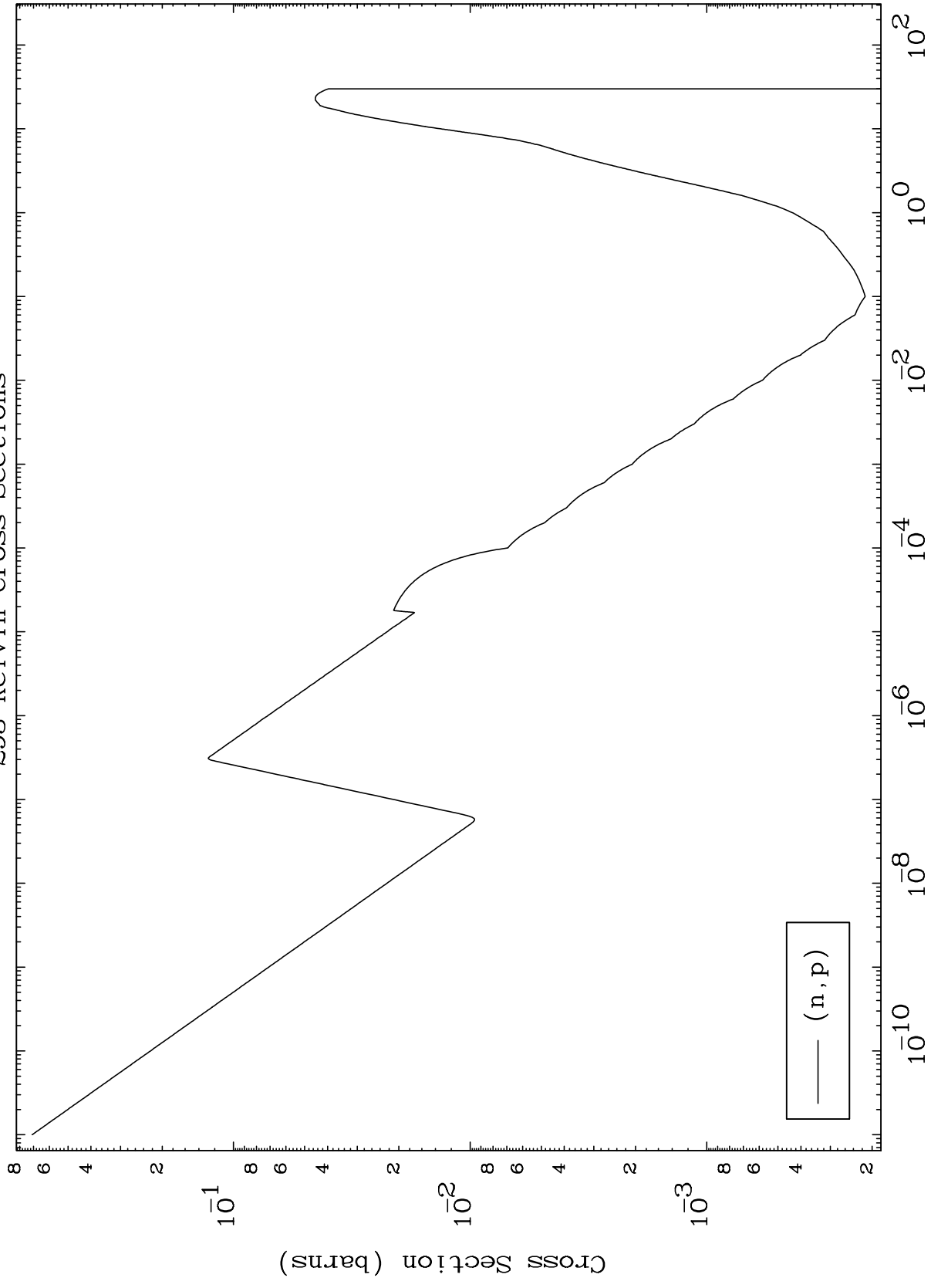
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-187



10

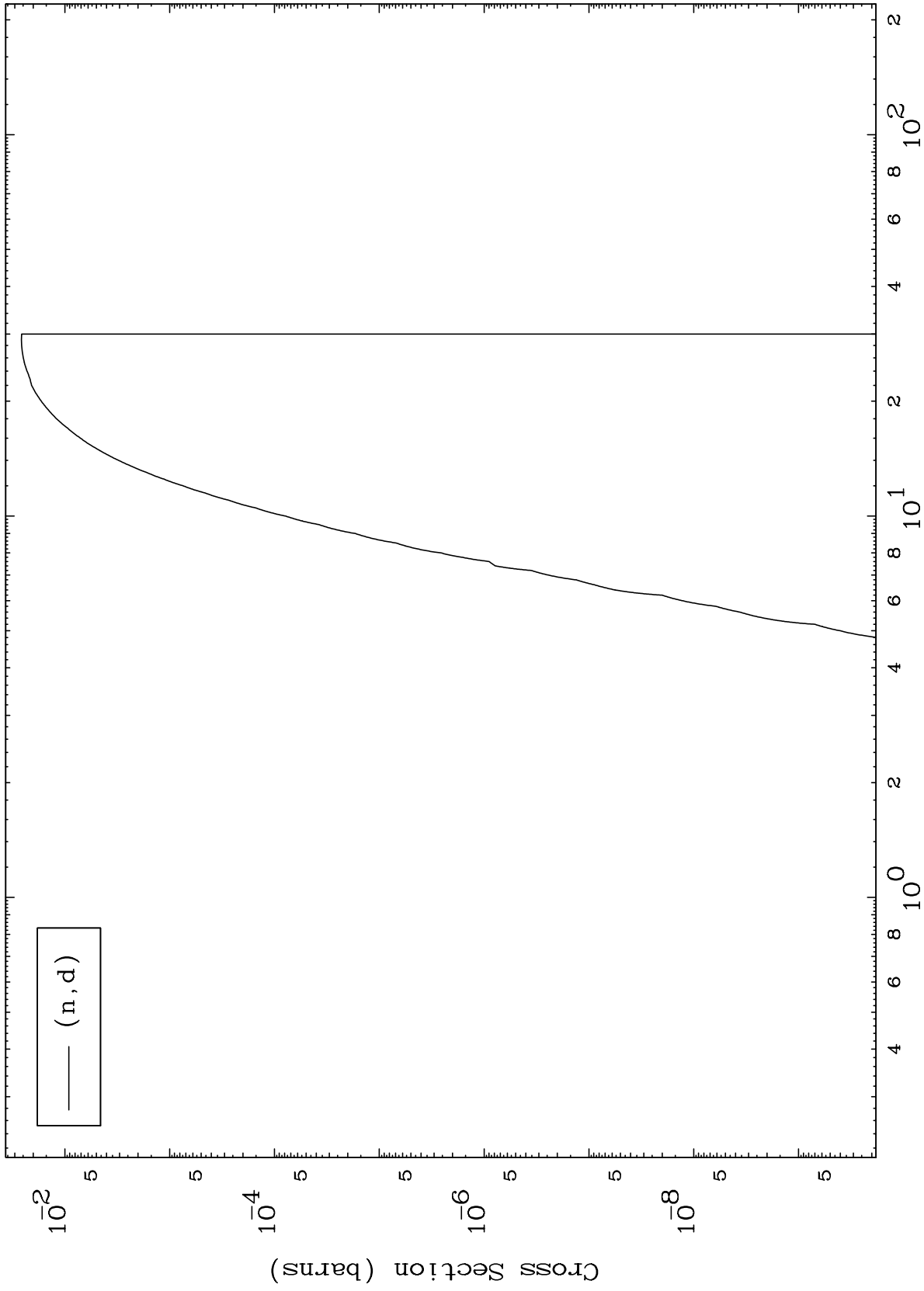
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-187



11

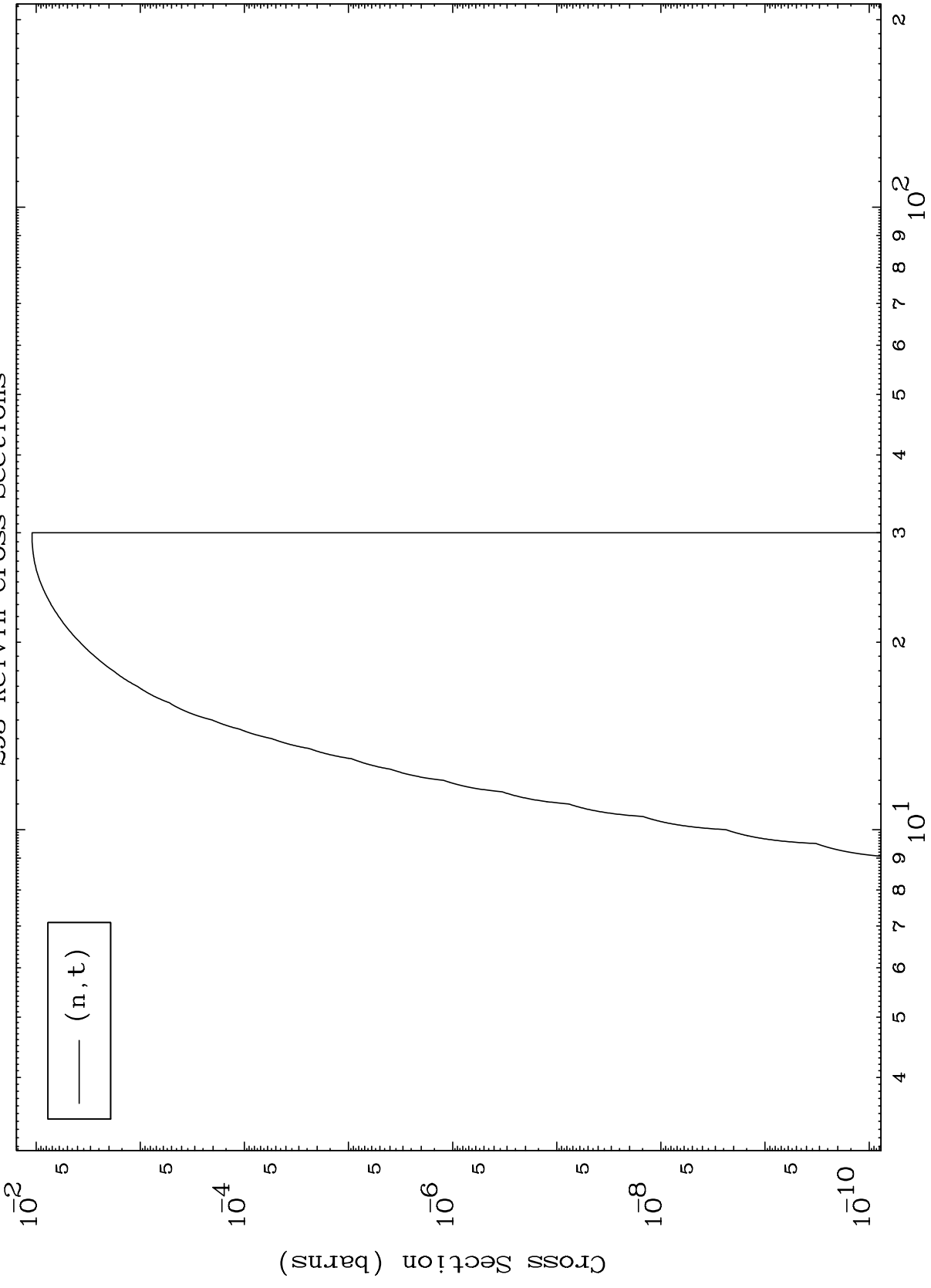
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-187



12

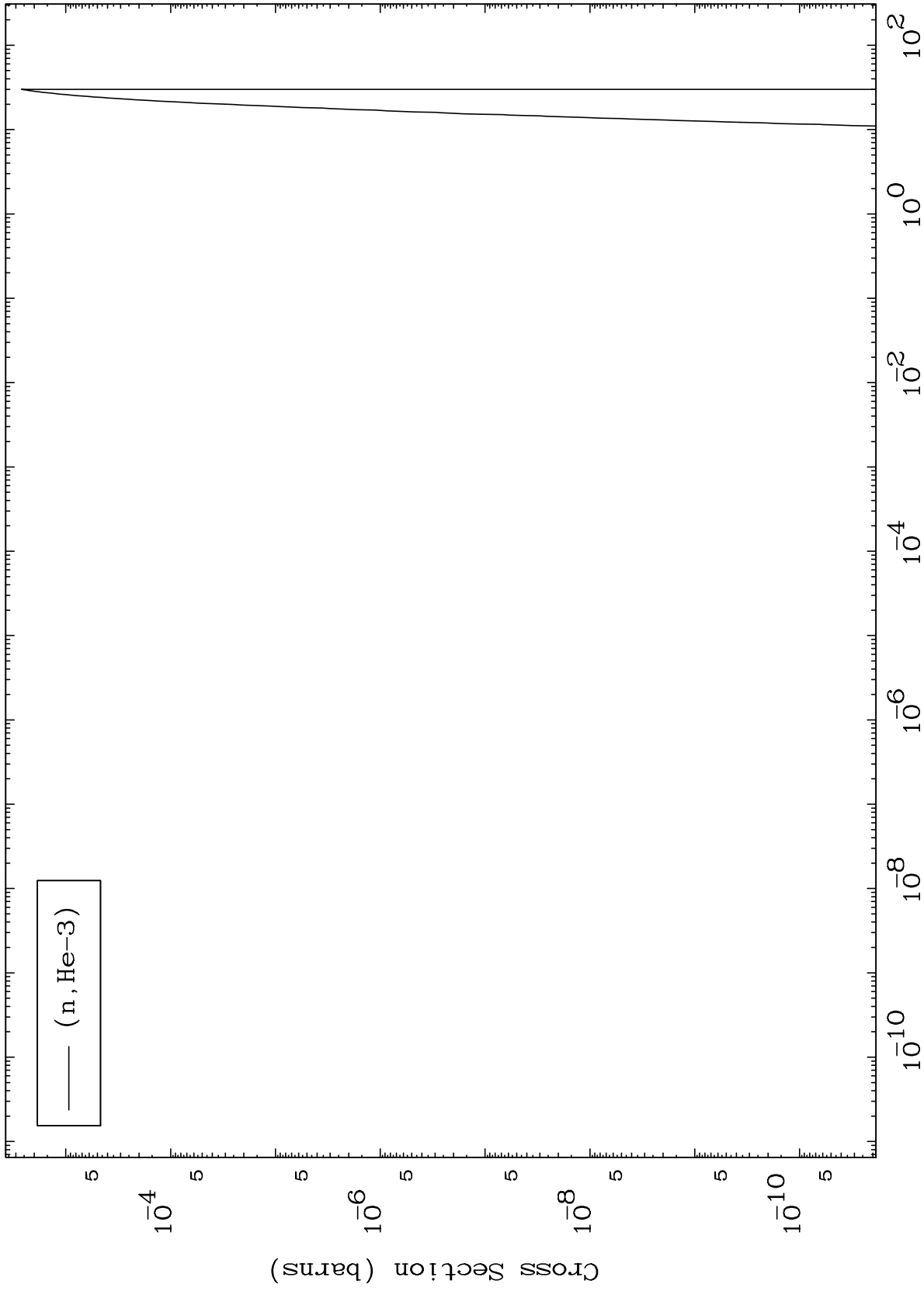
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-187



13

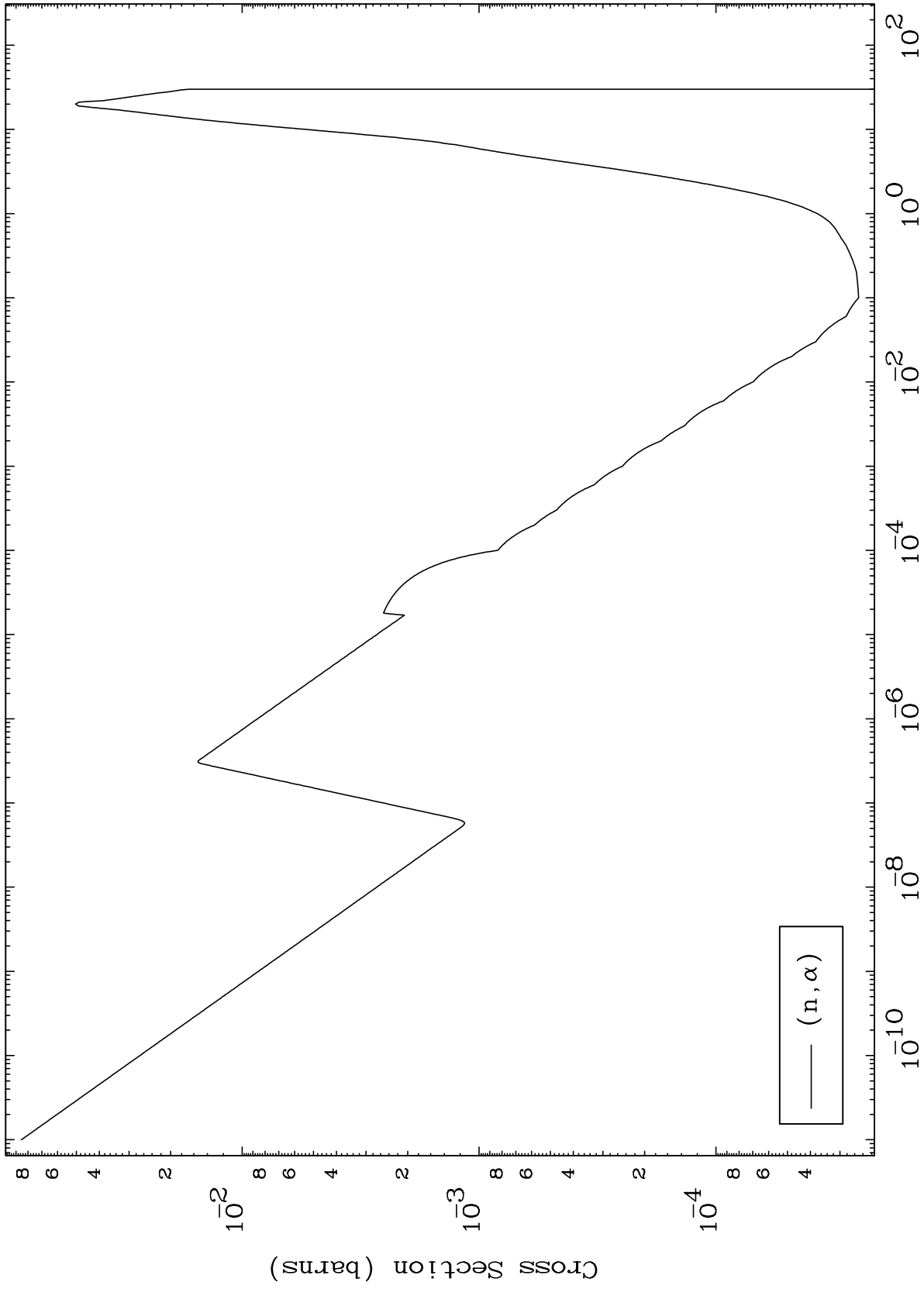
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,α) Levels  
293 Kelvin Cross Sections

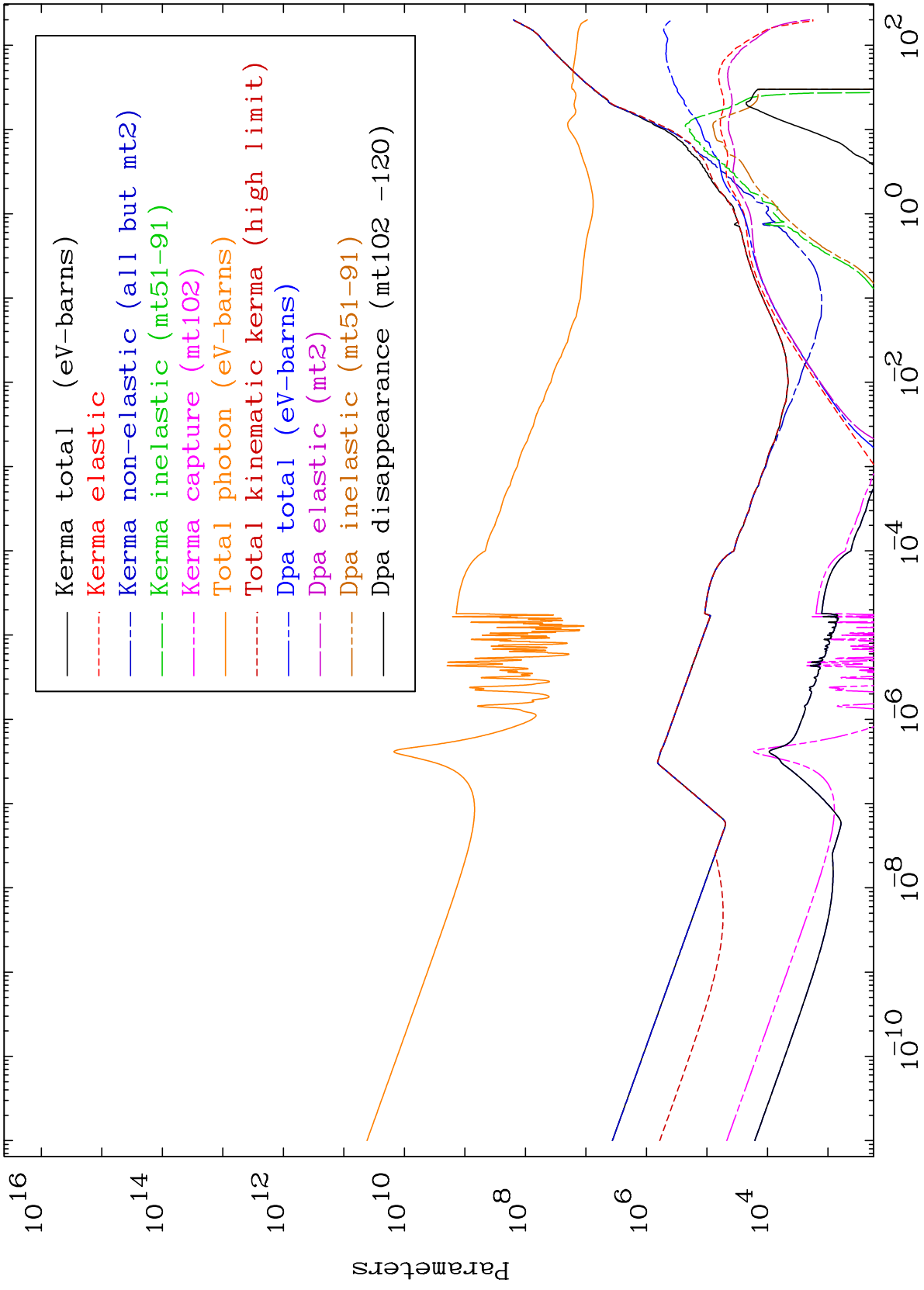
79-Au-187



14

Incident Energy (MeV)

79-Au-187

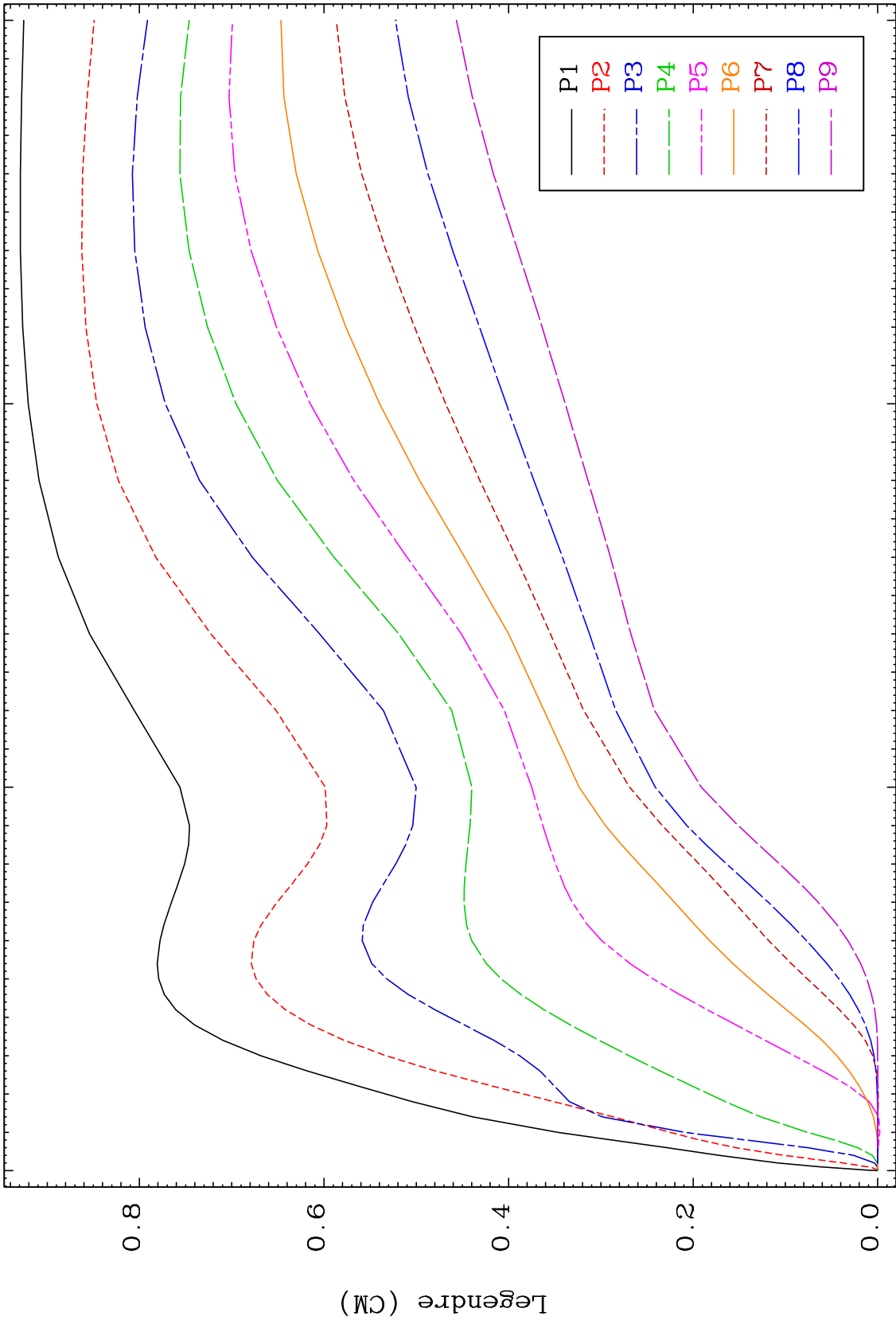




MAT 7895

Elastic Legendre Coefficients

79-Au-187



16

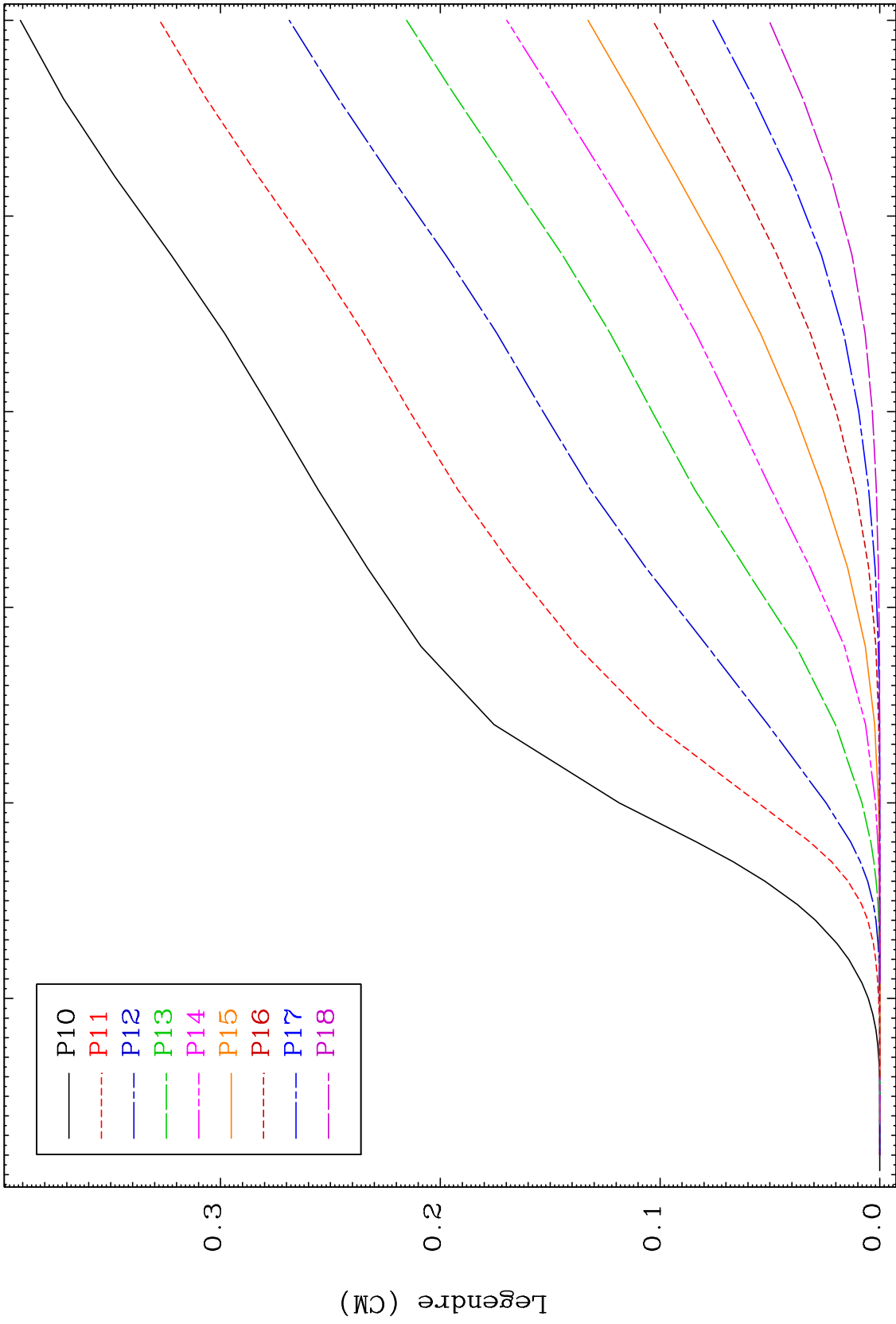
Incident Energy (MeV)

79-Au-187

MAT 7895

Elastic Legendre Coefficients

<sup>79</sup>Au-187



17

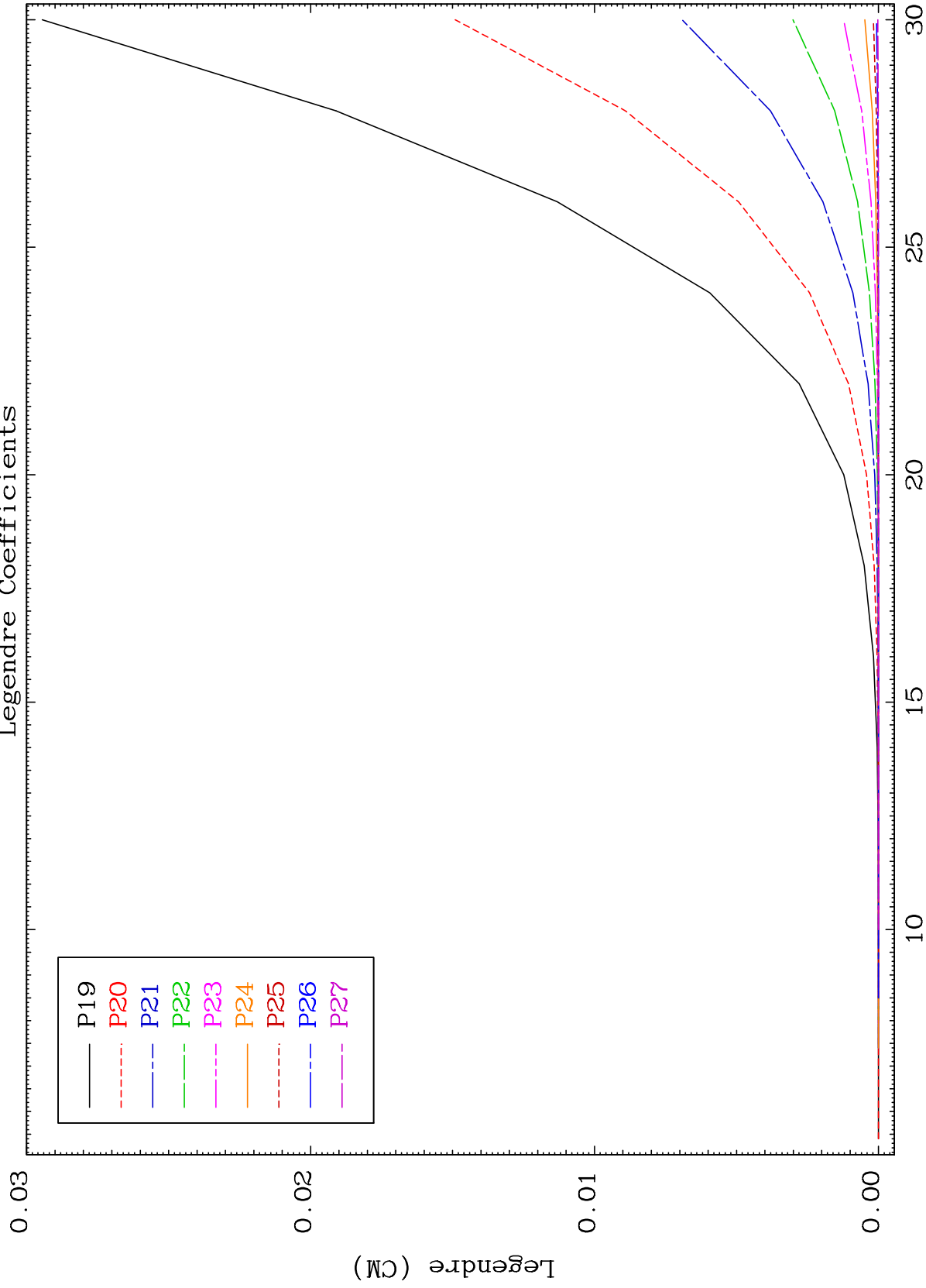
Incident Energy (MeV)

<sup>79</sup>Au-187

MAT 7895

Elastic Legendre Coefficients

79-Au-187



18

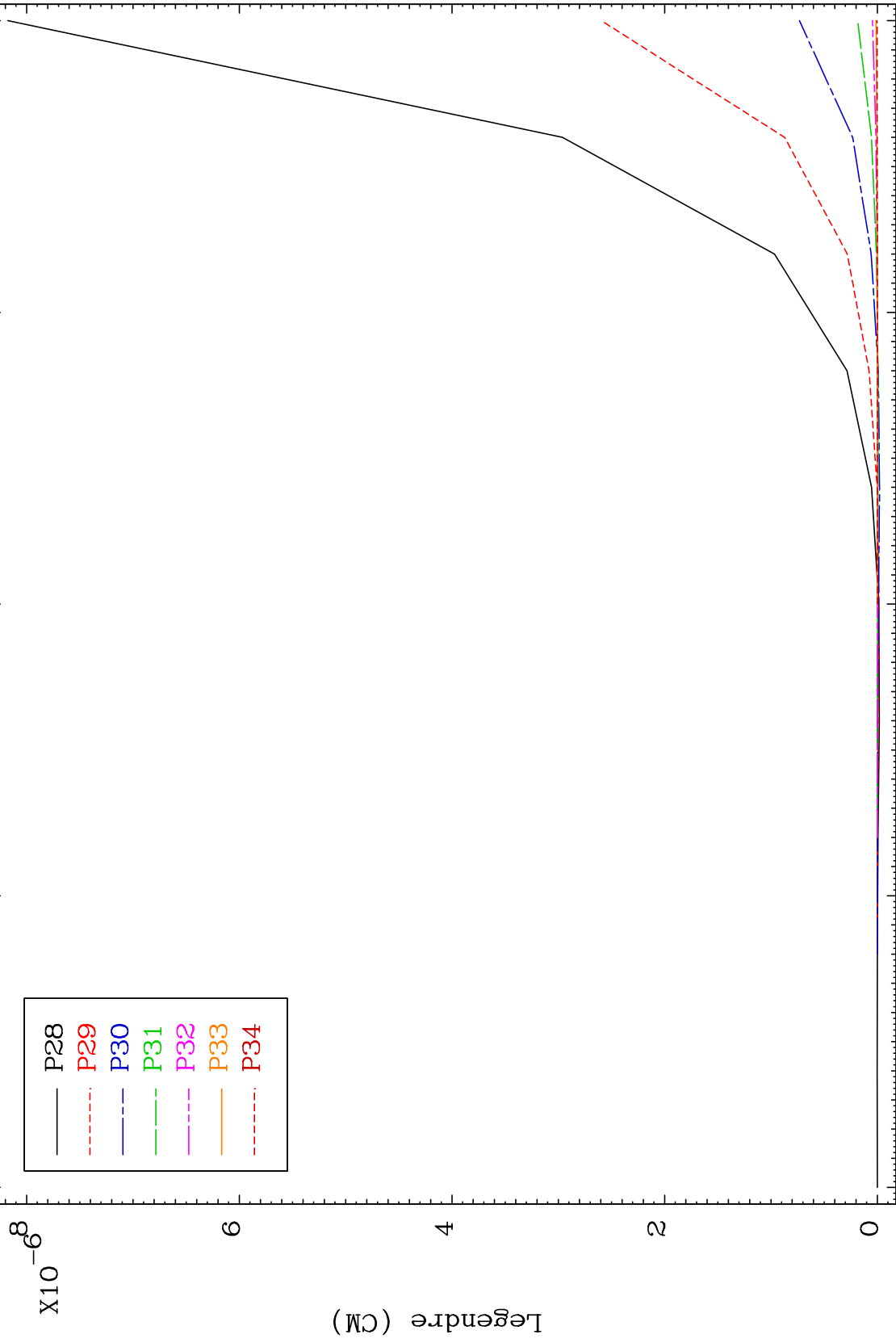
Incident Energy (MeV)

79-Au-187

MAT 7895

Elastic Legendre Coefficients

79-Au-187



19

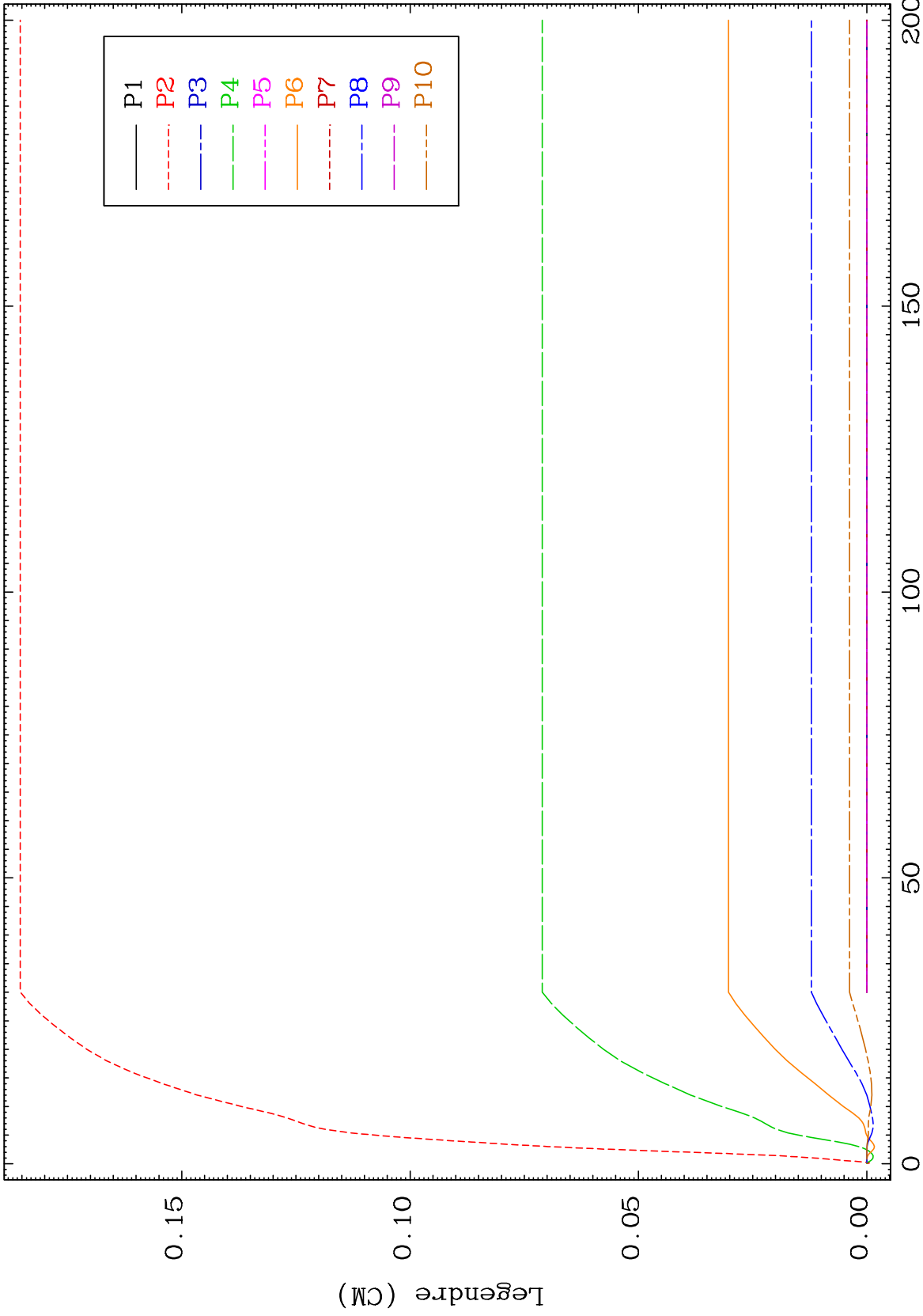
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



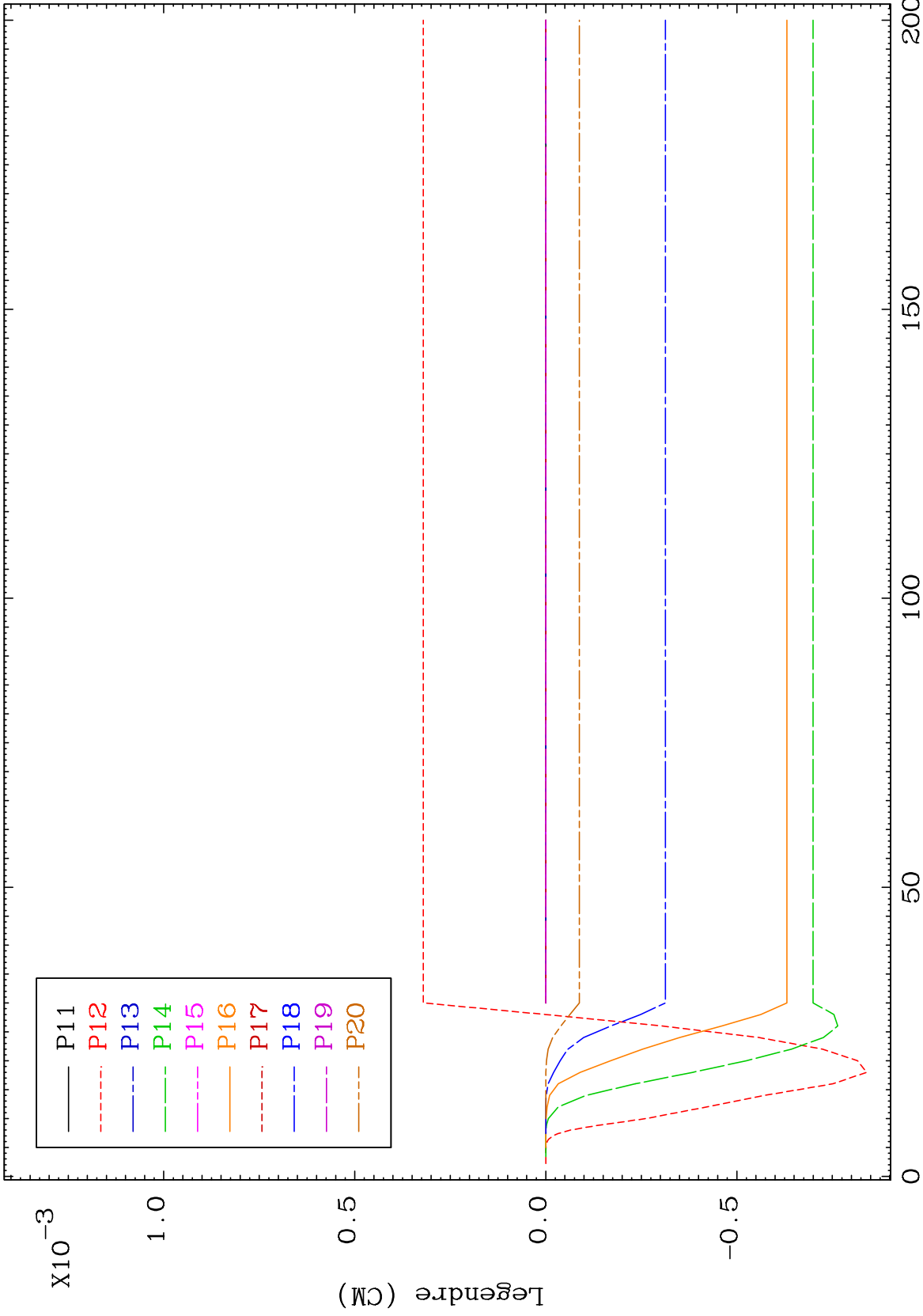
79-Au-187

Incident Energy (MeV)

MAT 7895

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

79-Au-187



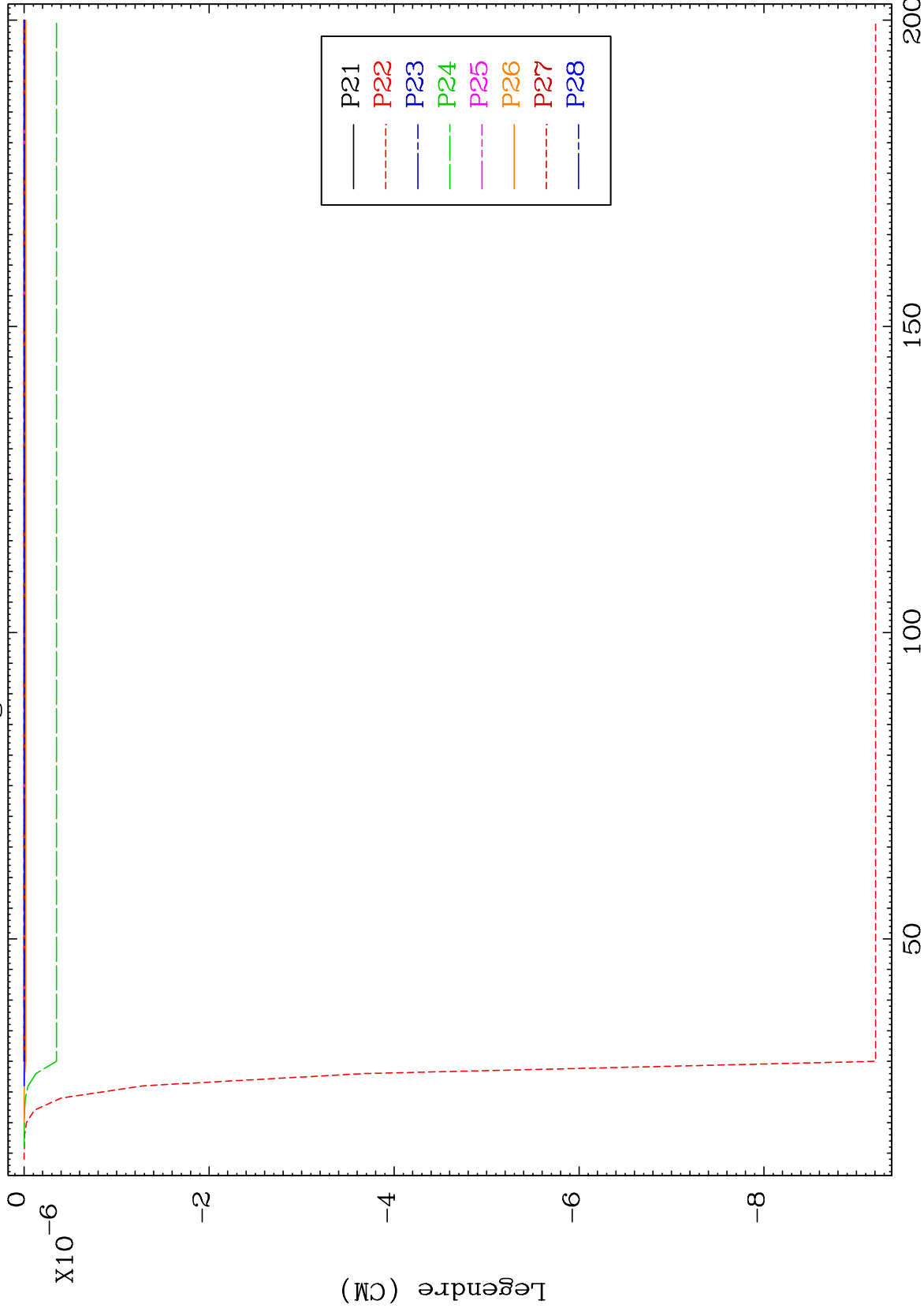
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79-Au-187

MAT 7895

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

79-Au-187



22

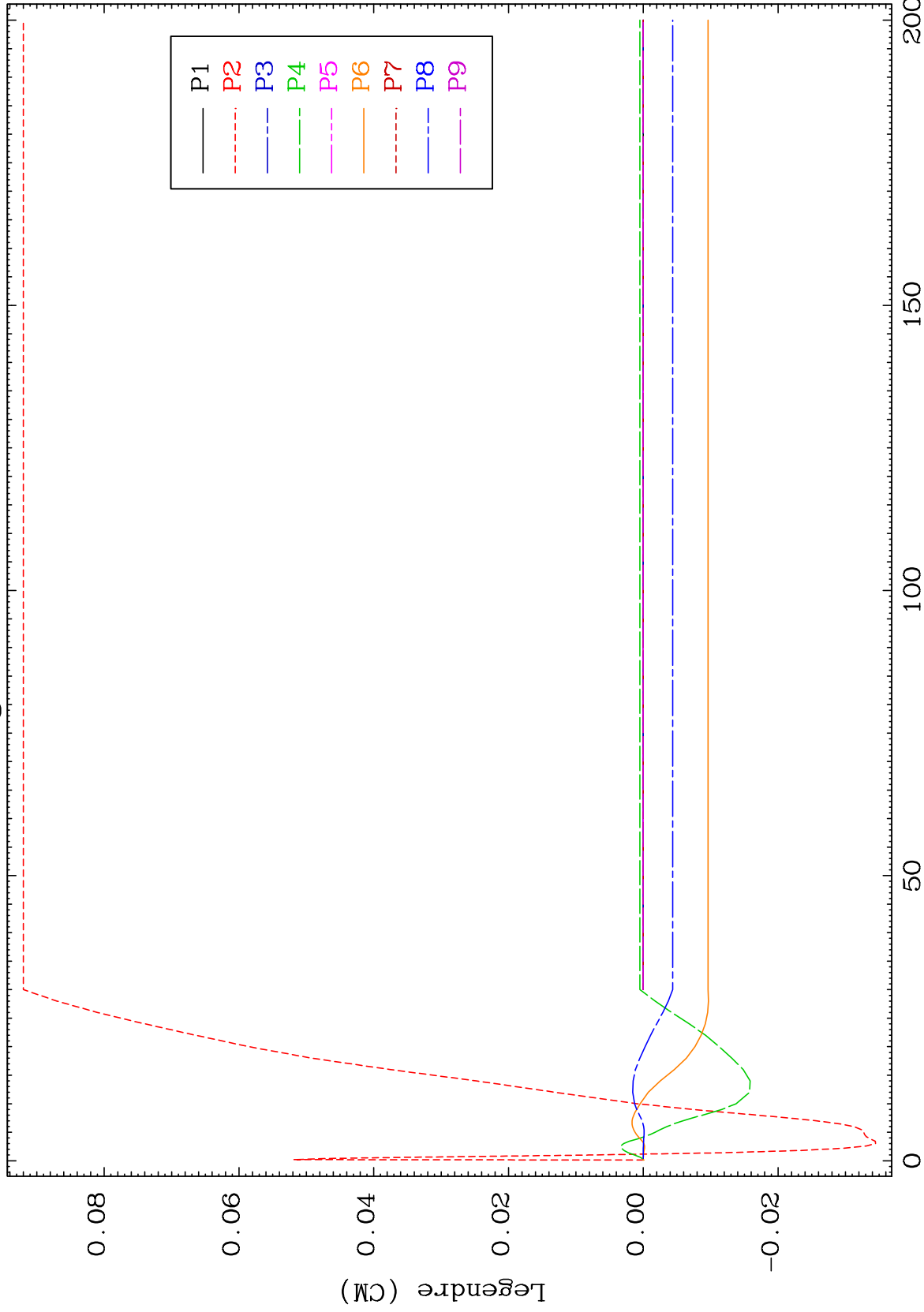
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



23

Incident Energy (MeV)

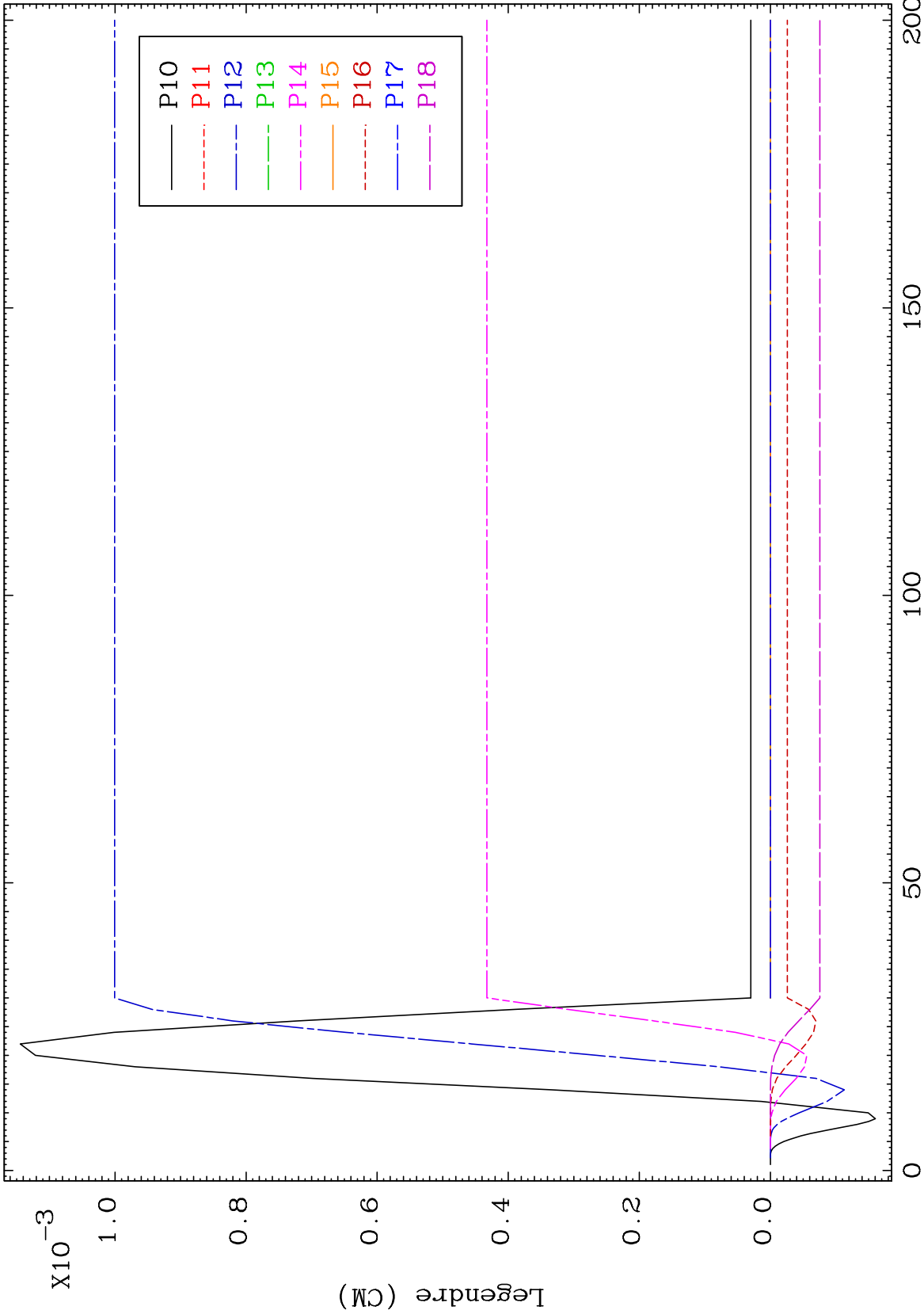
79-Au-187



MAT 7895

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

79-Au-187



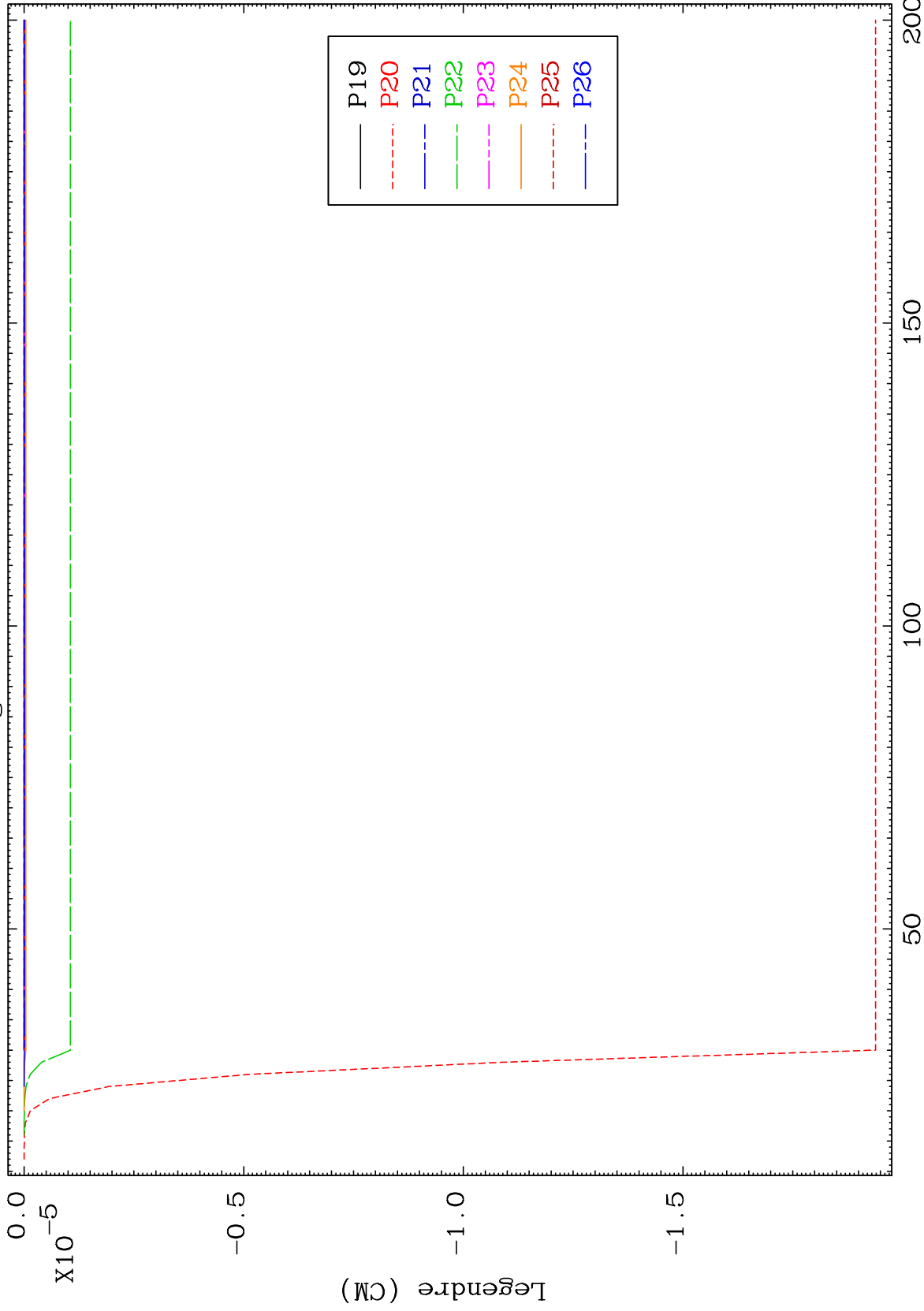
24

79-Au-187

MAT 7895

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

79-Au-187



25

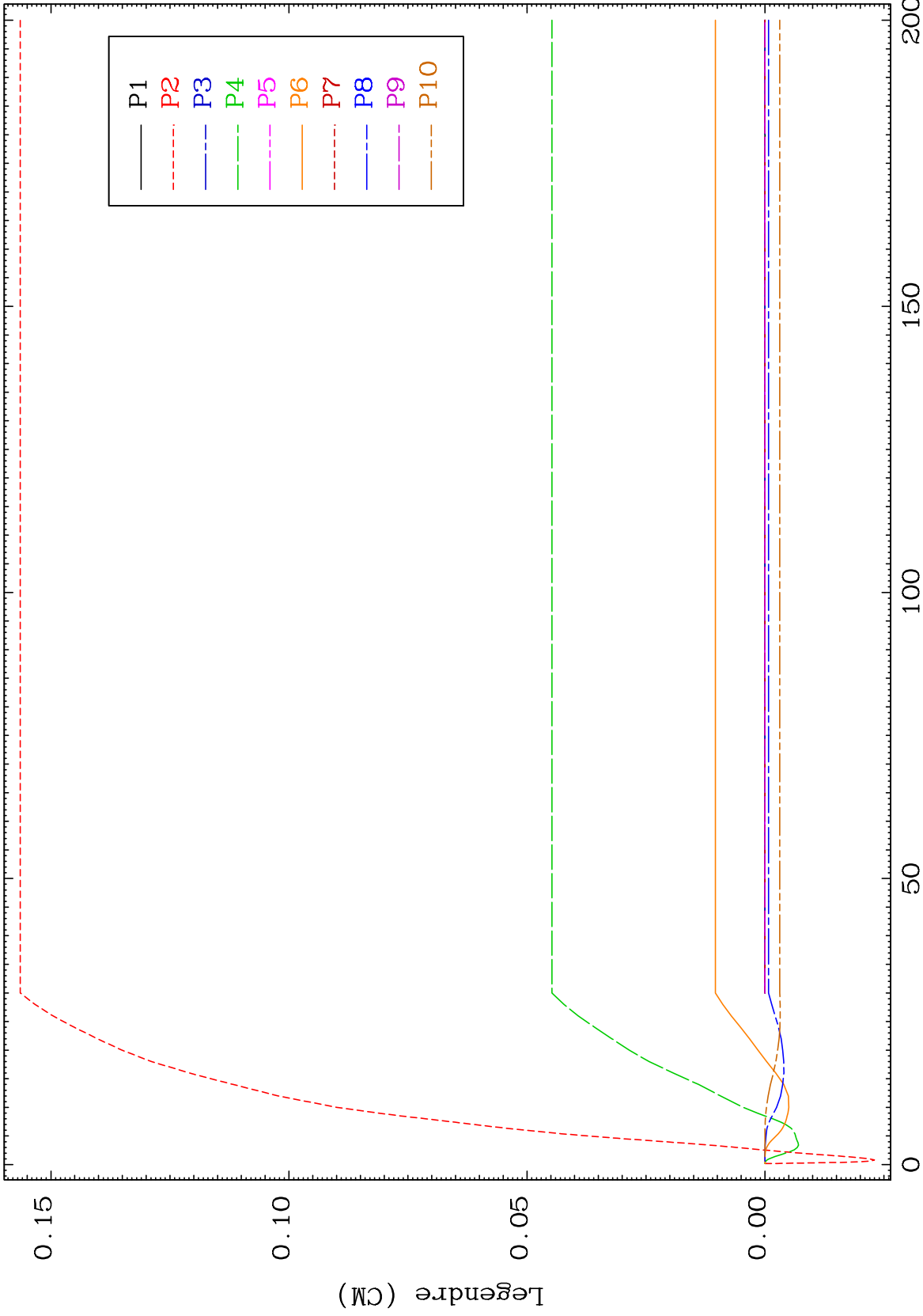
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



26

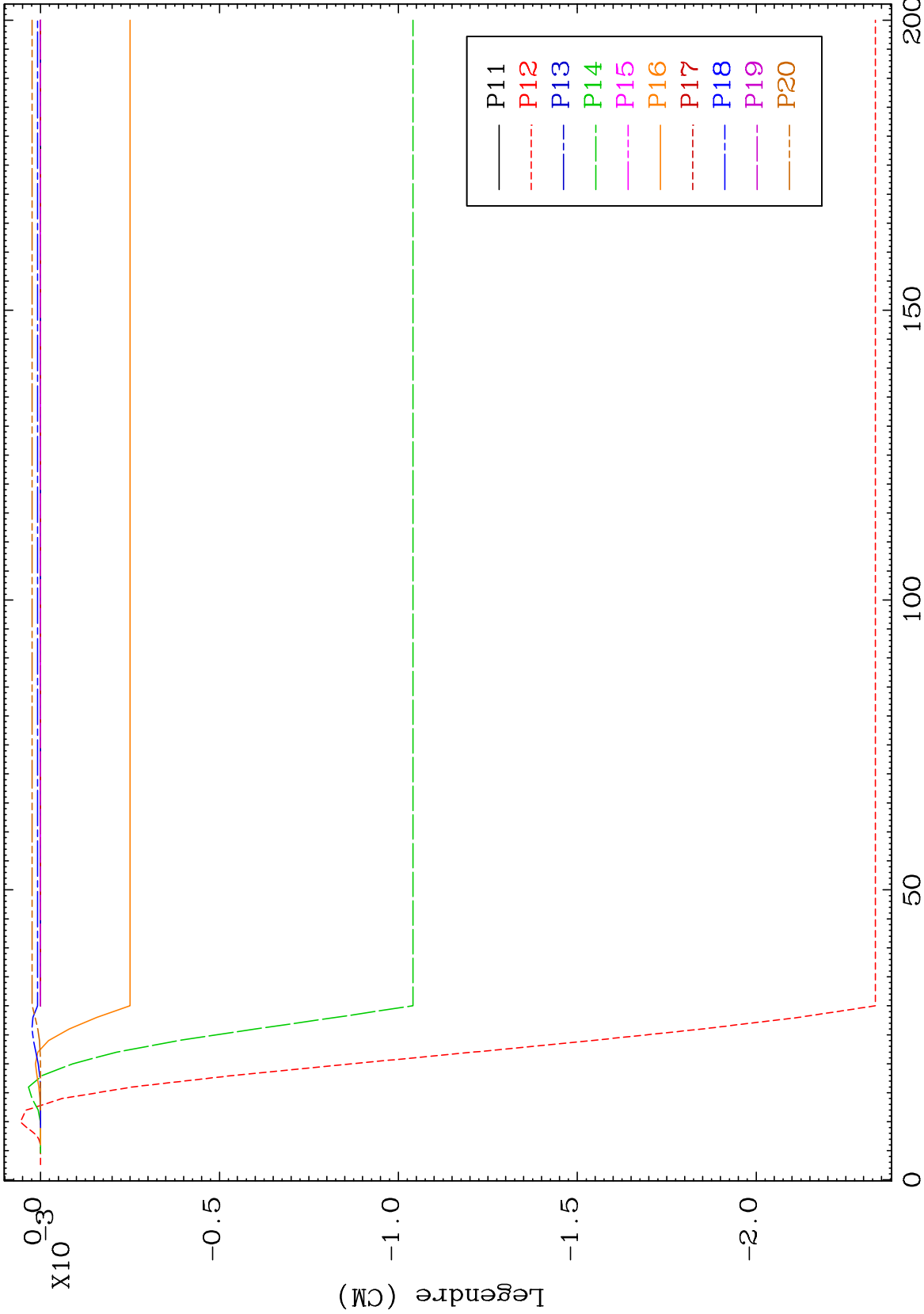
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



27

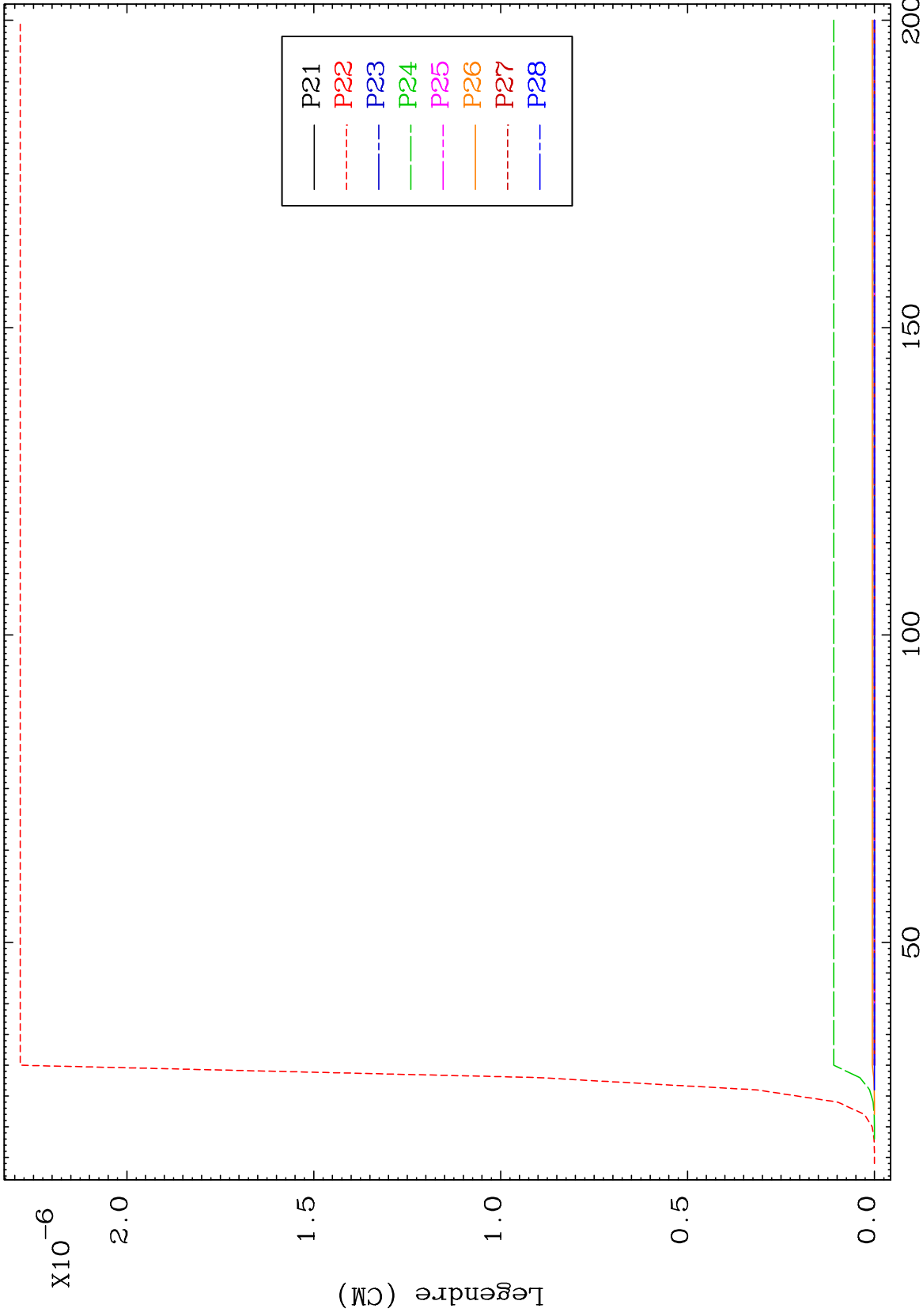
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



28

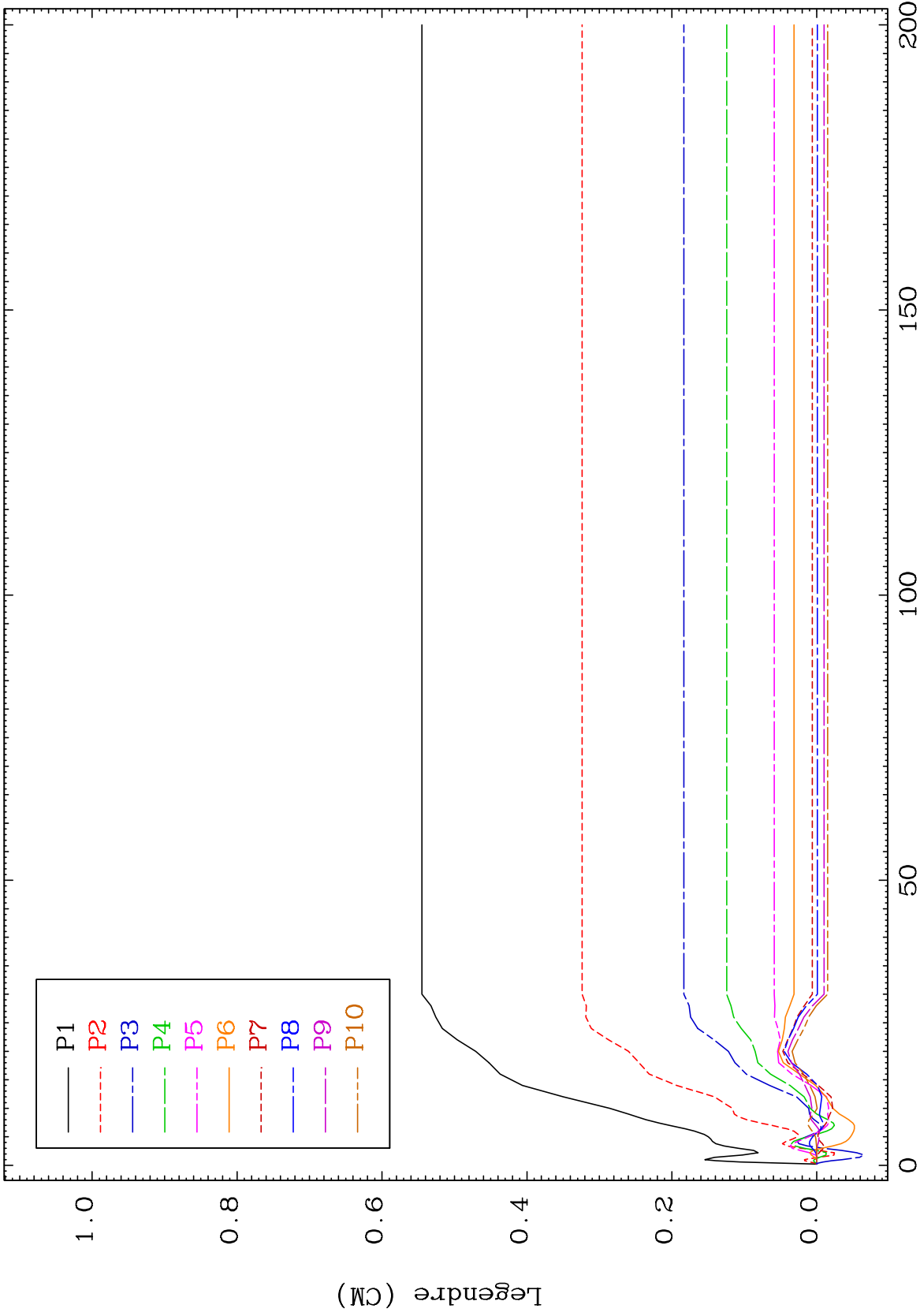
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



29

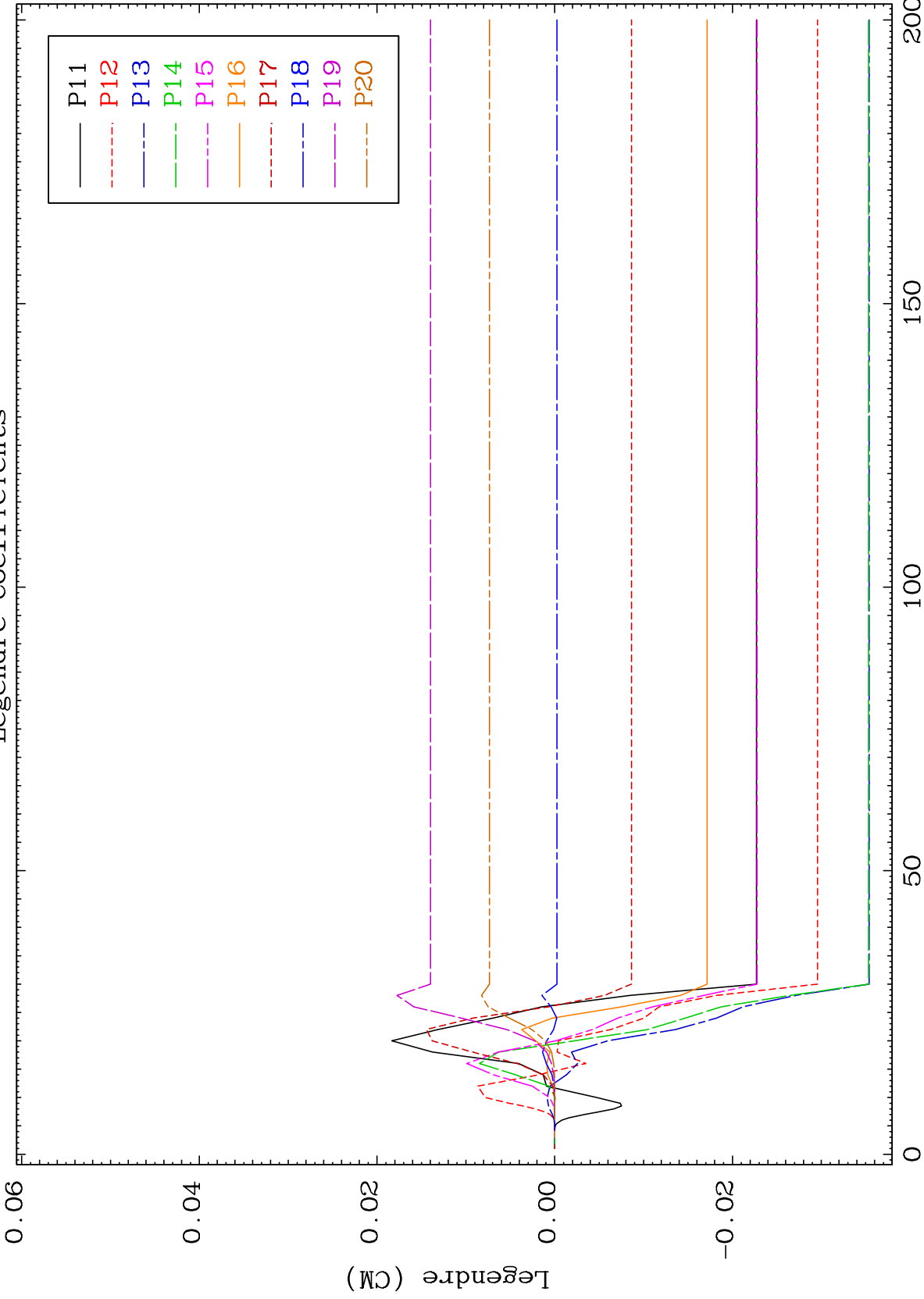
Incident Energy (MeV)

79-Au-187

MAT 7895

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

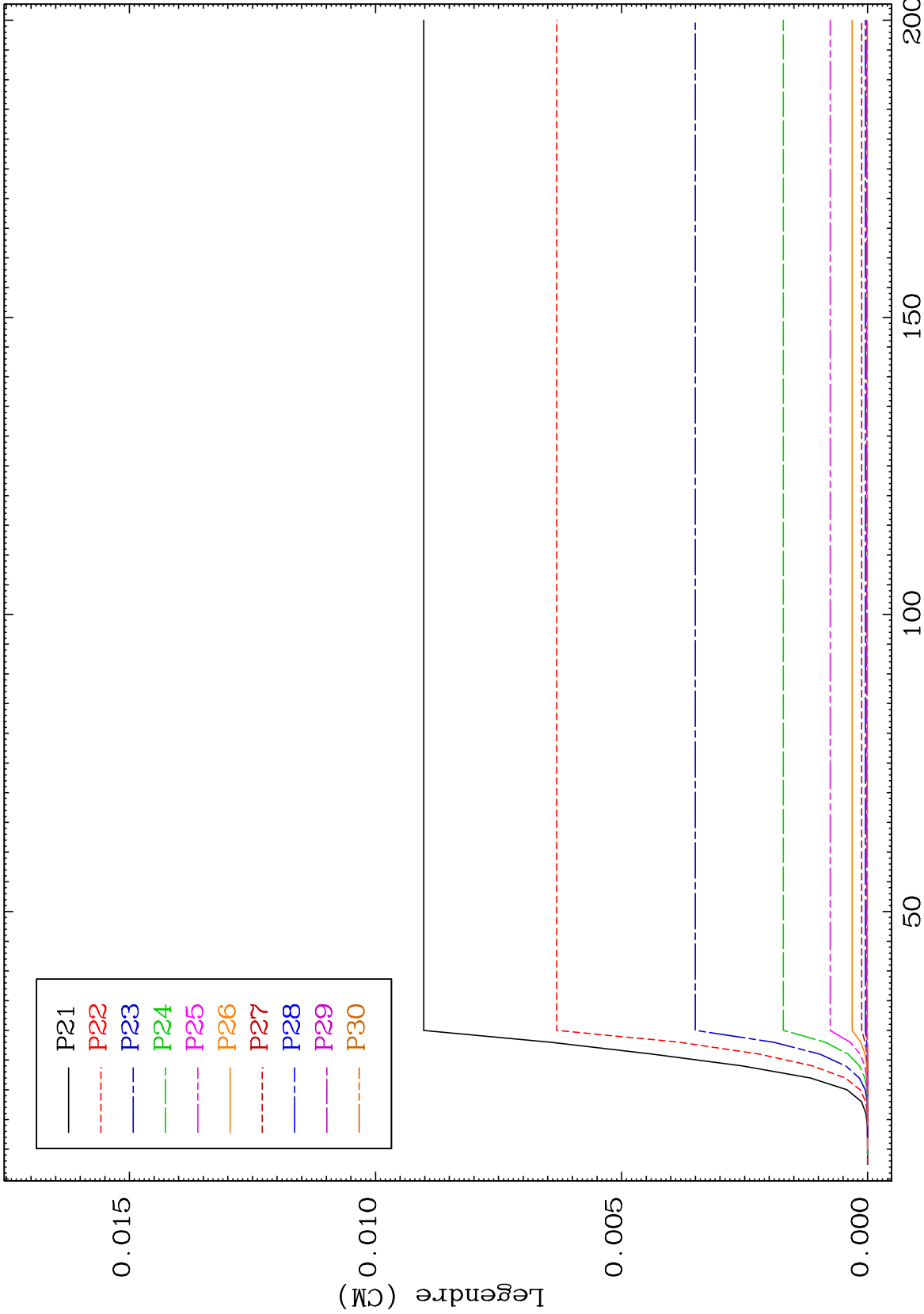
79-Au-187



30

Incident Energy (MeV)

79-Au-187

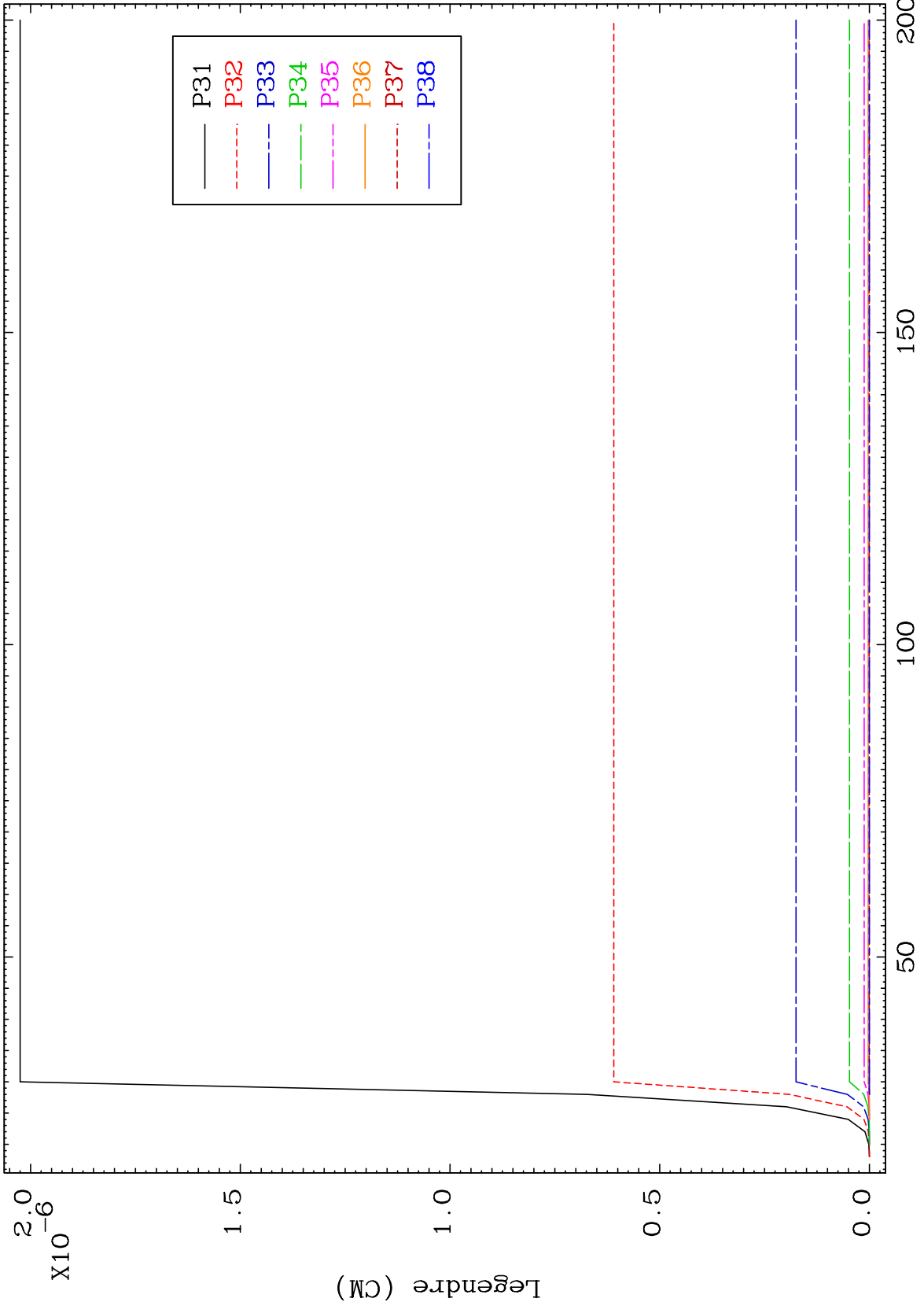




MAT 7895

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

79-Au-187

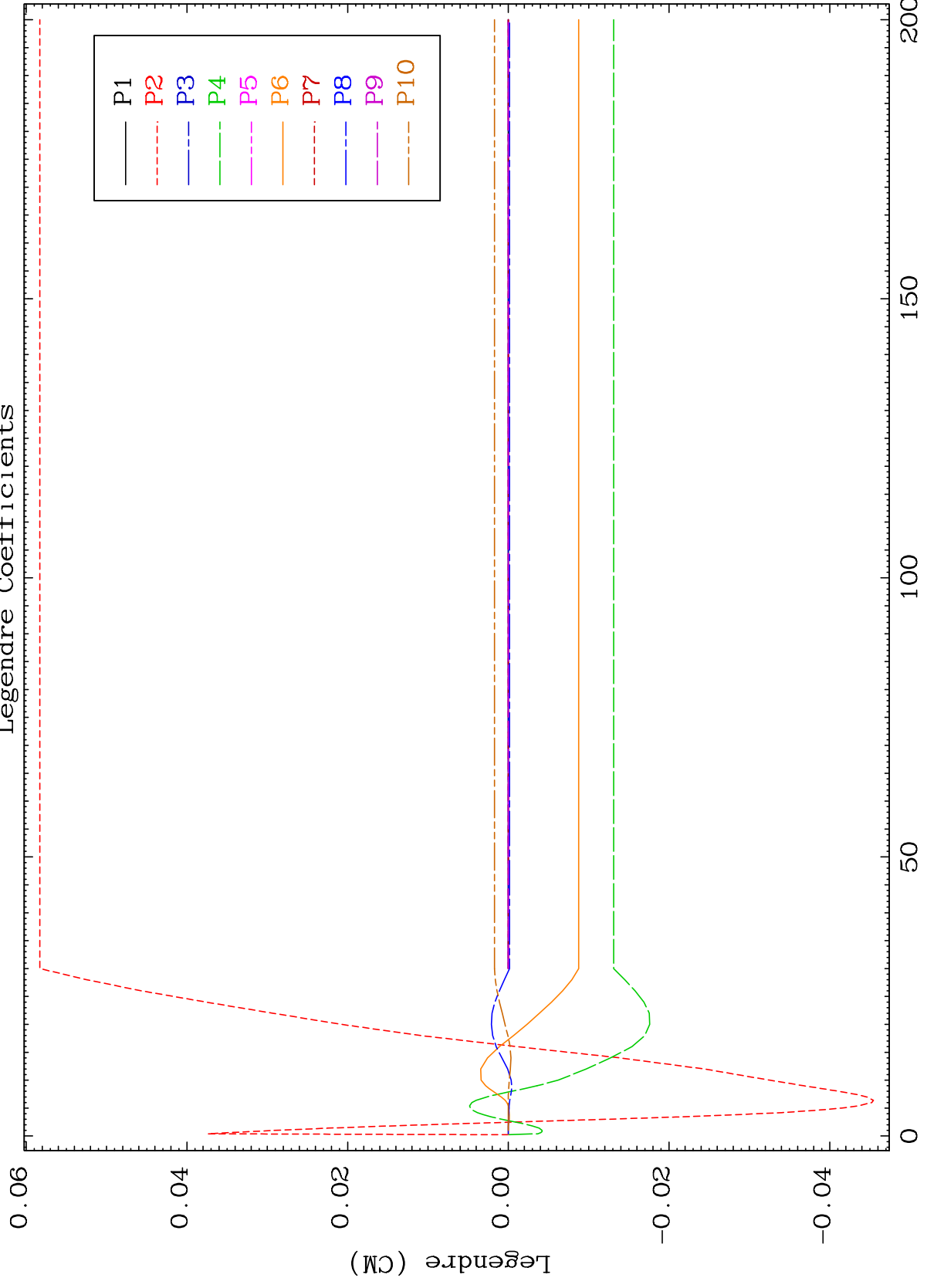


32

Incident Energy (MeV)

79-Au-187

MAT 7895 MT= 55 (n,n') Level Legendre Coefficients 79-Au-187

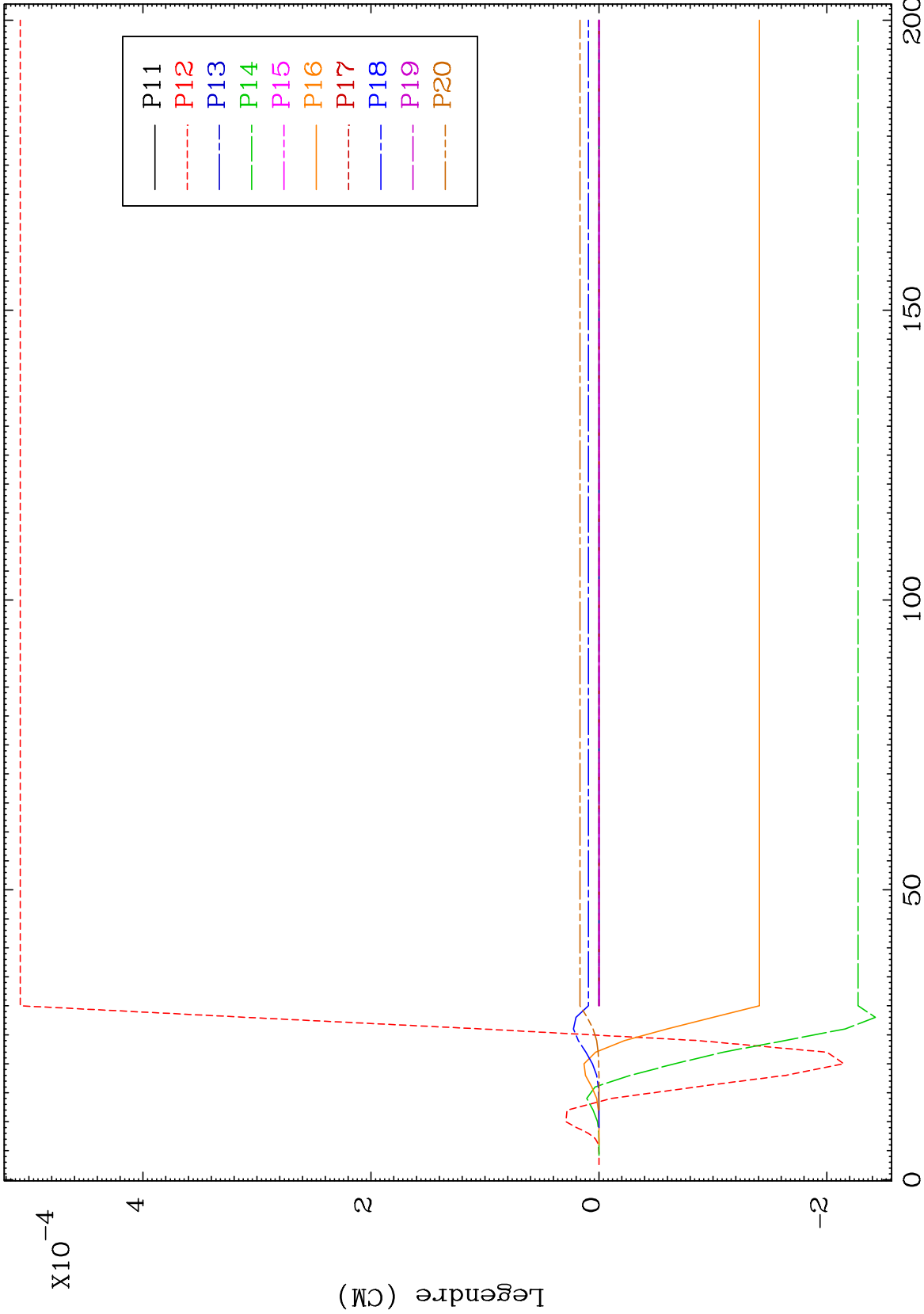


33 79-Au-187

MAT 7895

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

79-Au-187



34

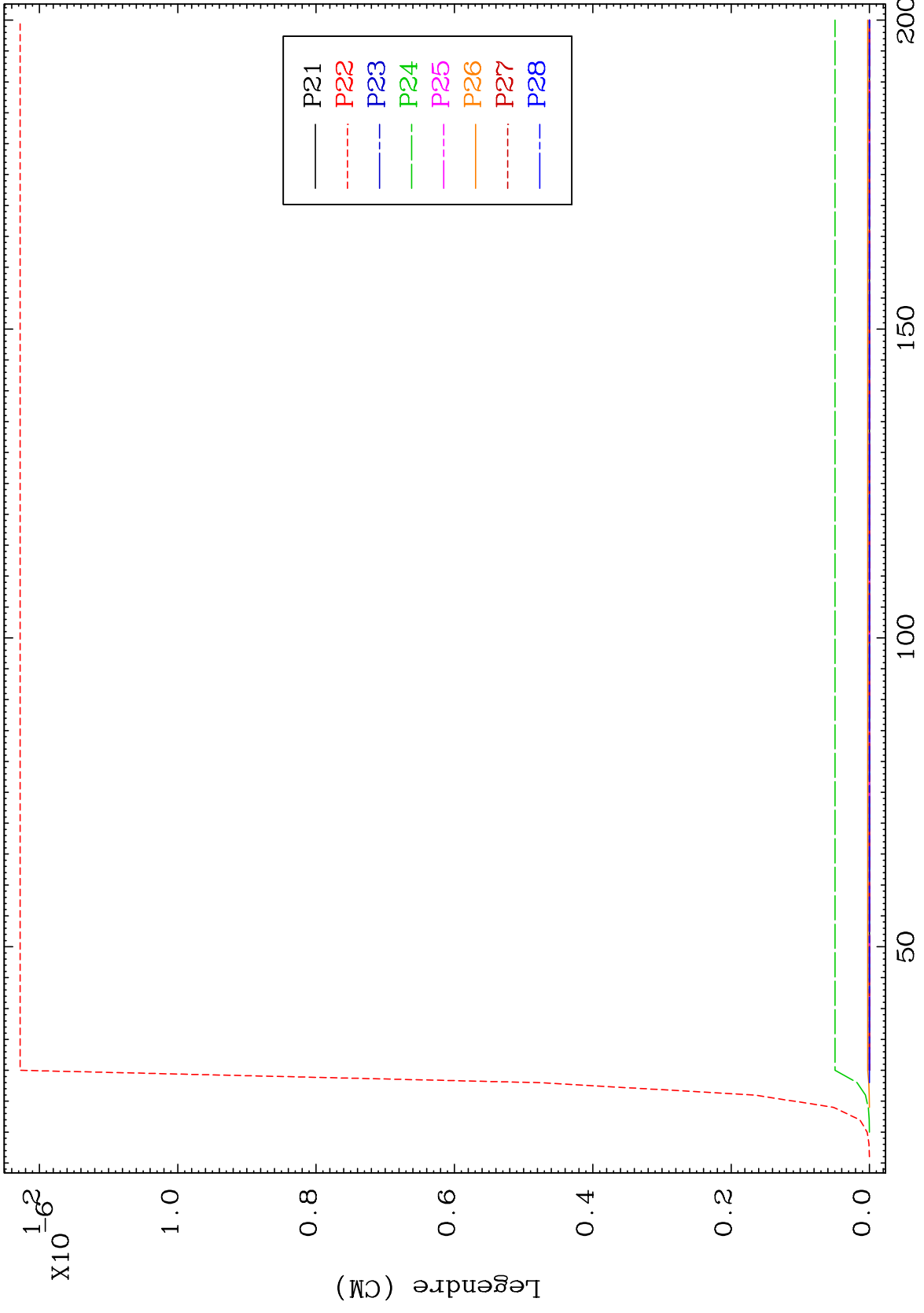
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



35

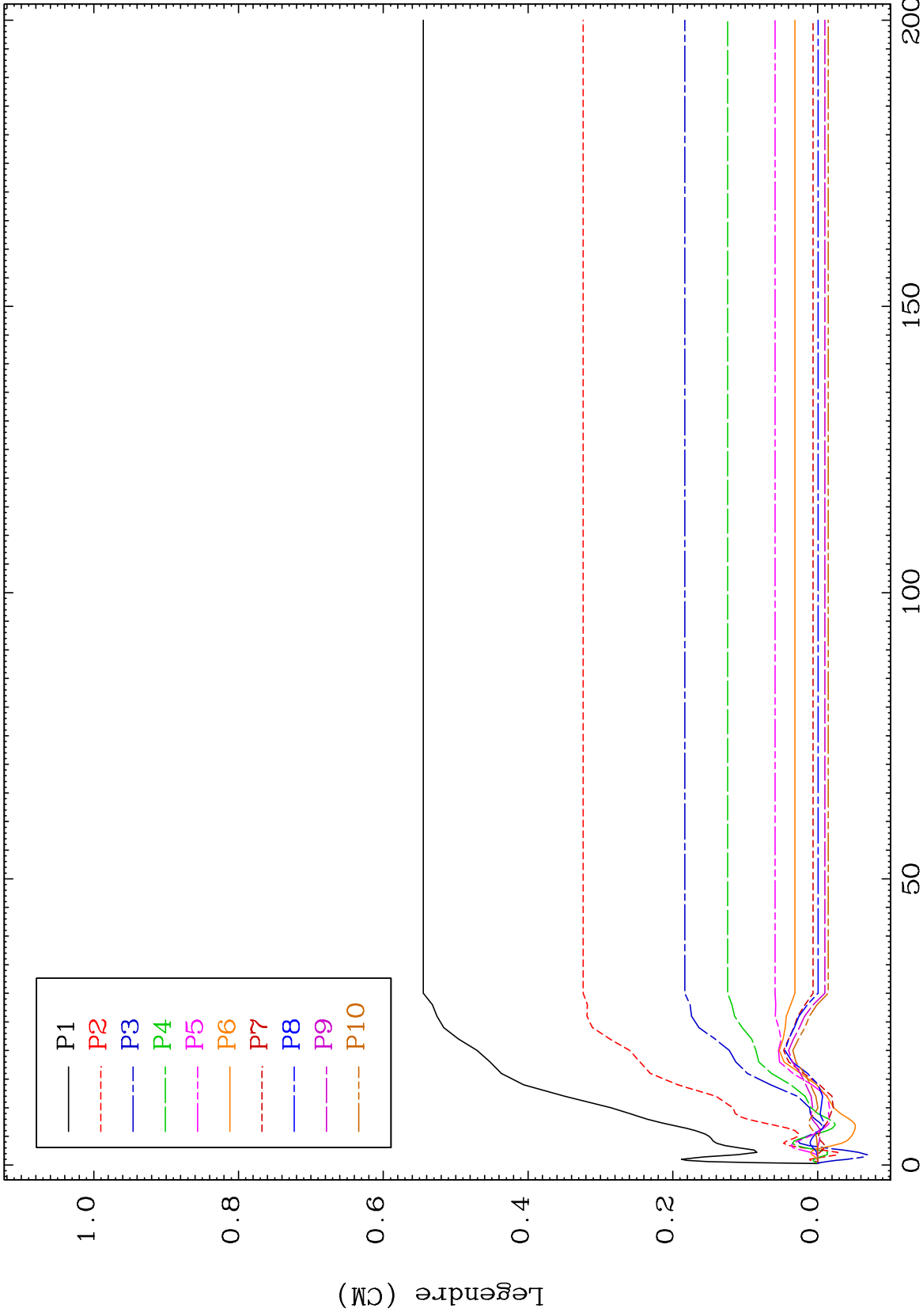
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187

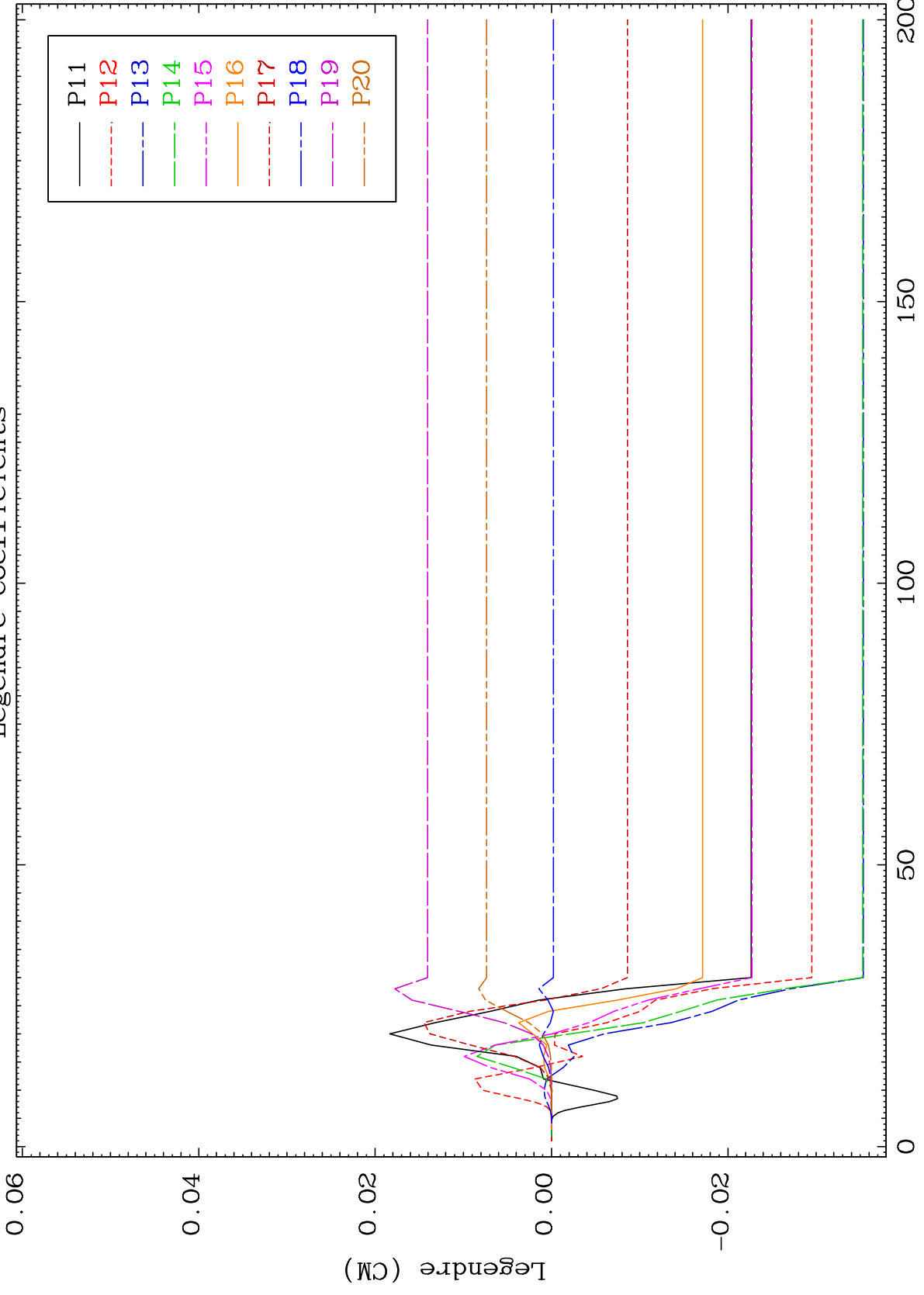


36

Incident Energy (MeV)

79-Au-187

MAT 7895 MT= 56 (n,n') Level Legendre Coefficients 79-Au-187

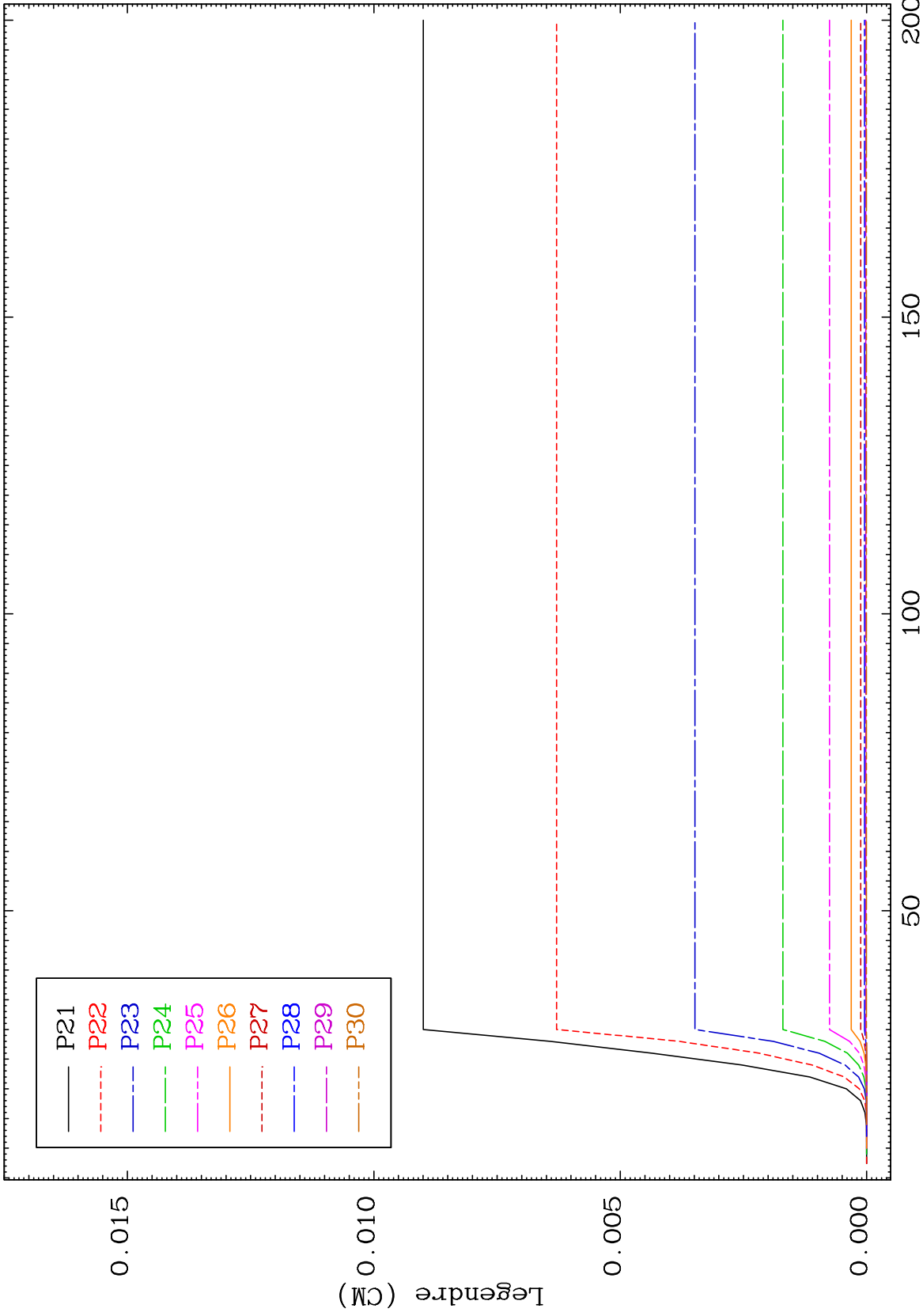


37 79-Au-187

MAT 7895

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

79-Au-187



38

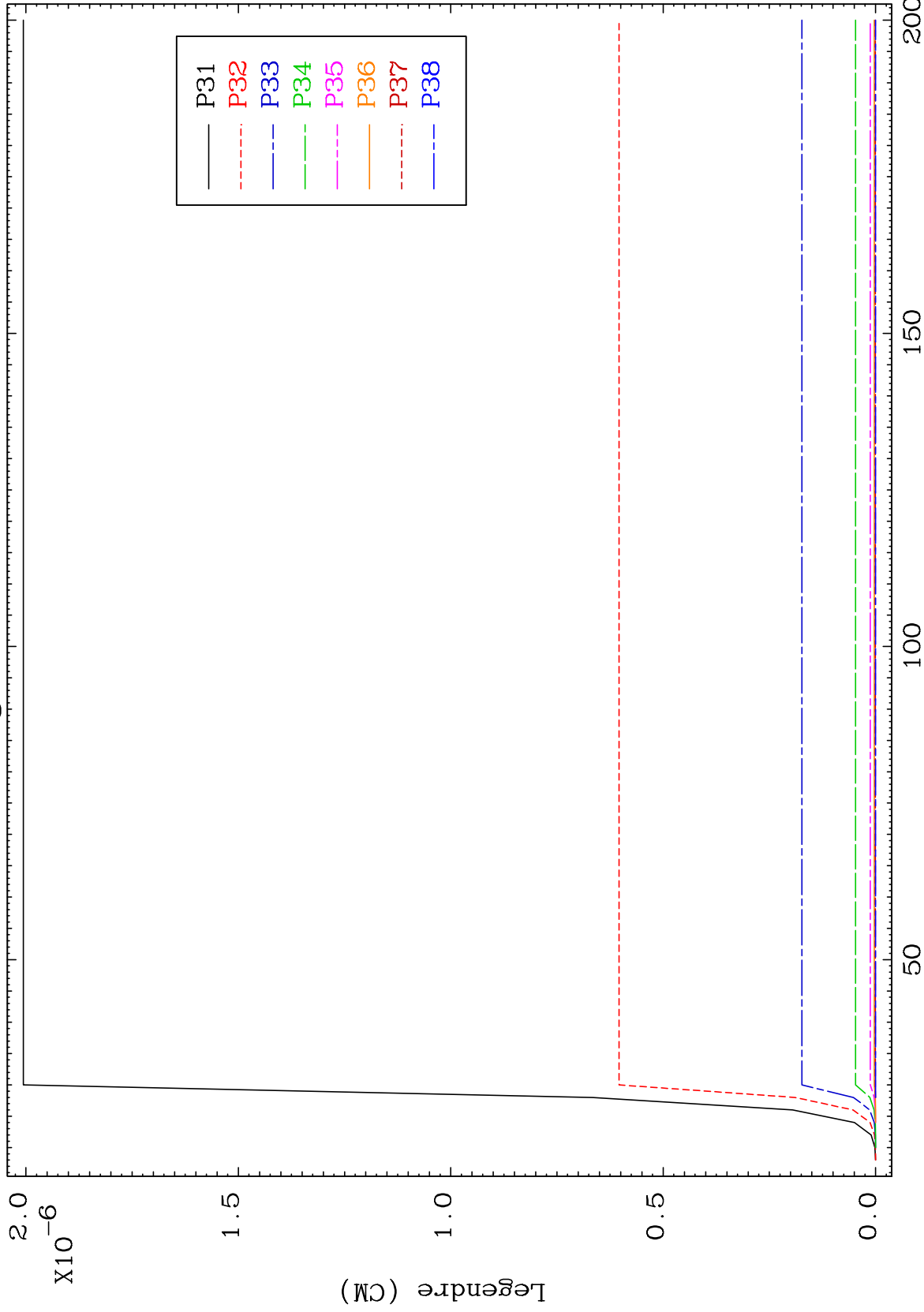
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



39

Incident Energy (MeV)

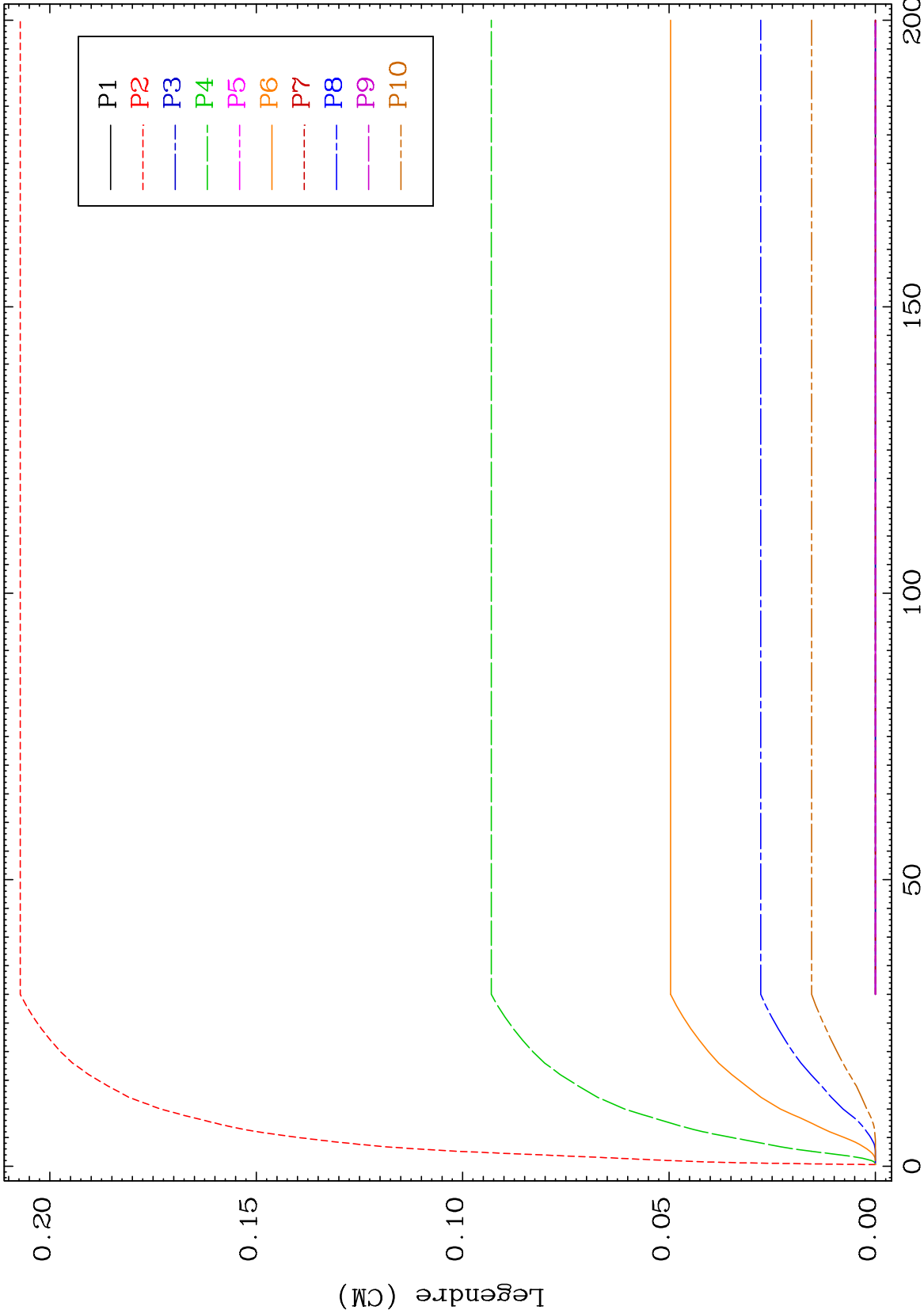
79-Au-187



MAT 7895

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

79-Au-187



79-Au-187

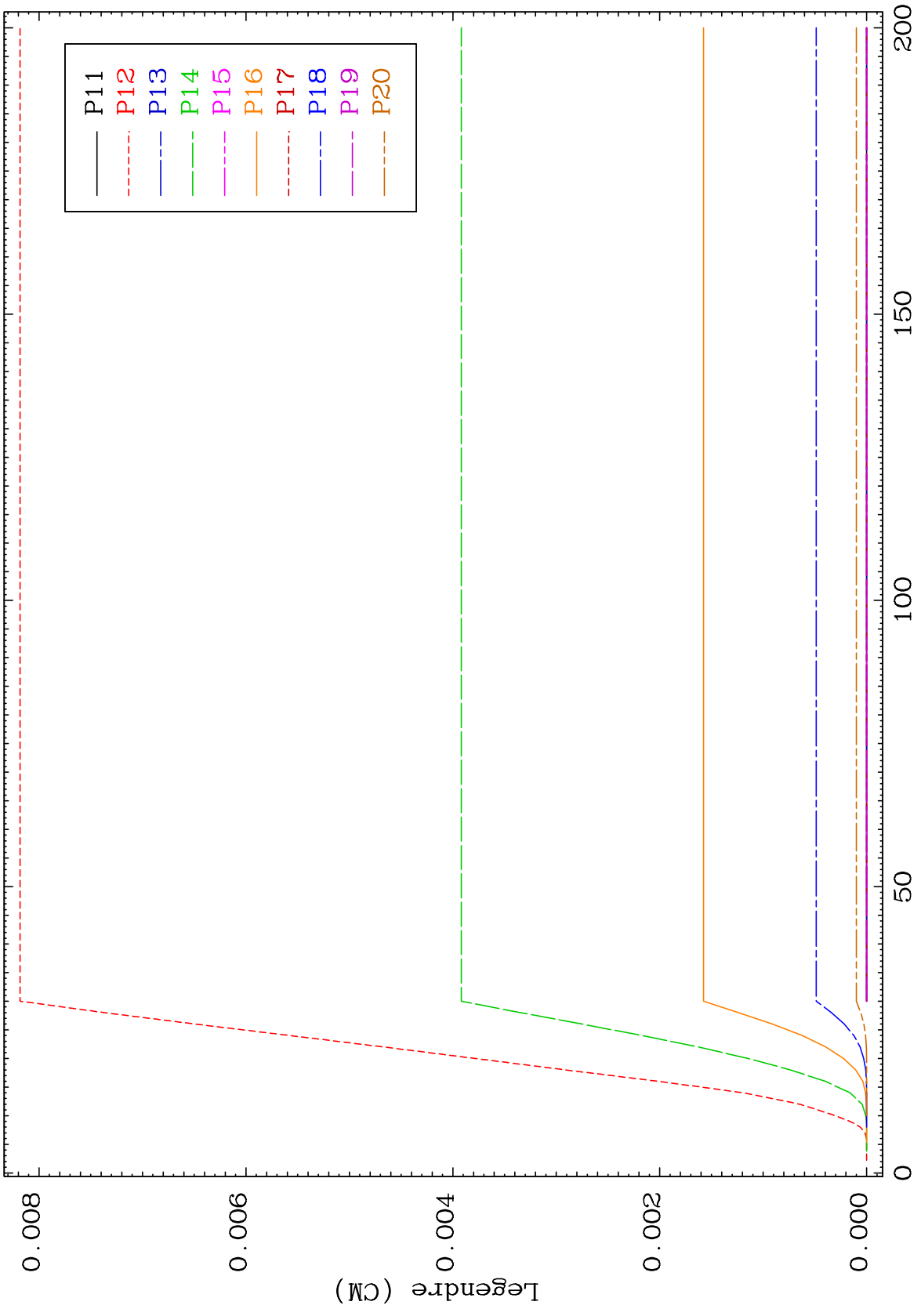
Incident Energy (MeV)

40

MAT 7895

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

79-Au-187



41

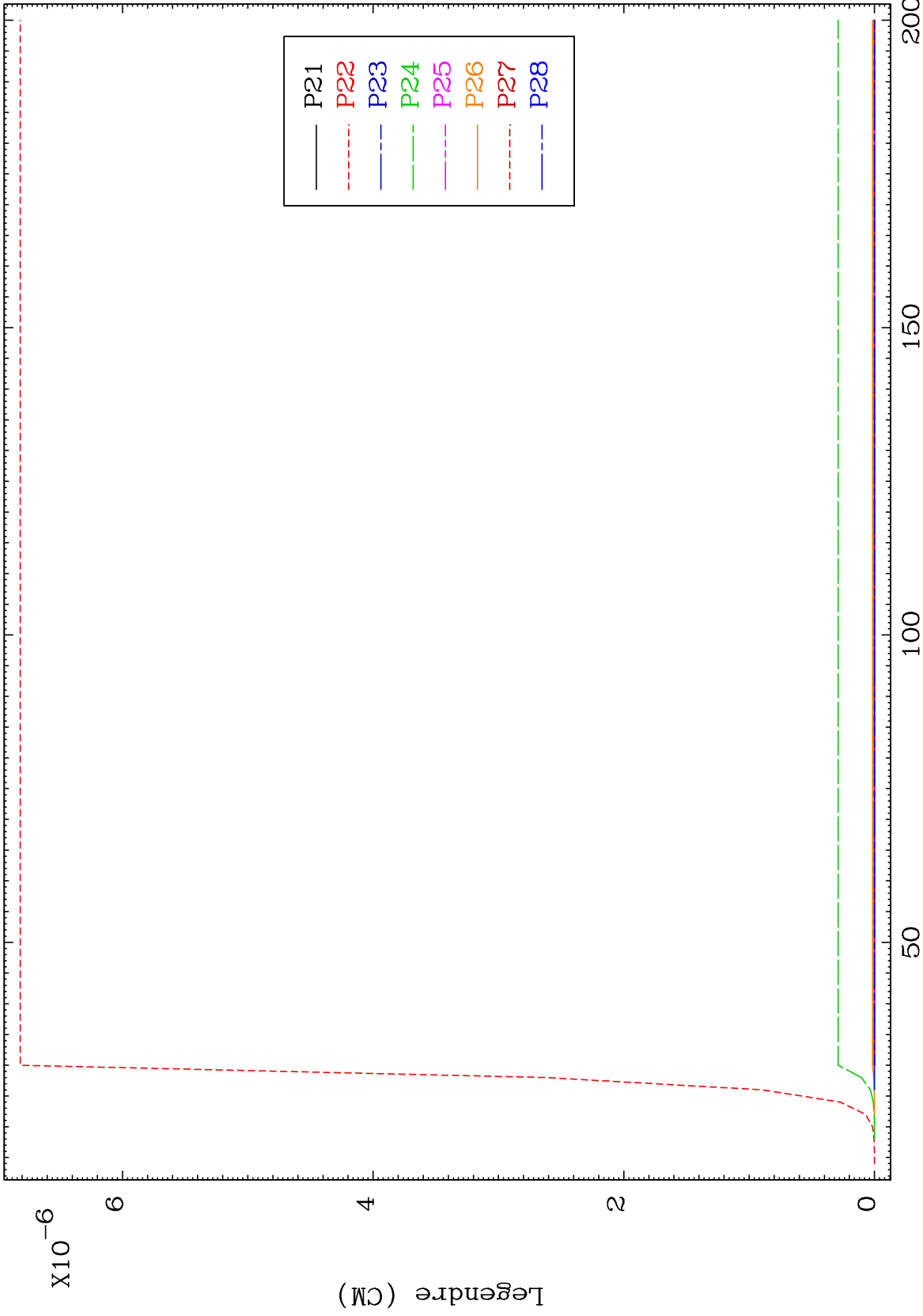
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



42

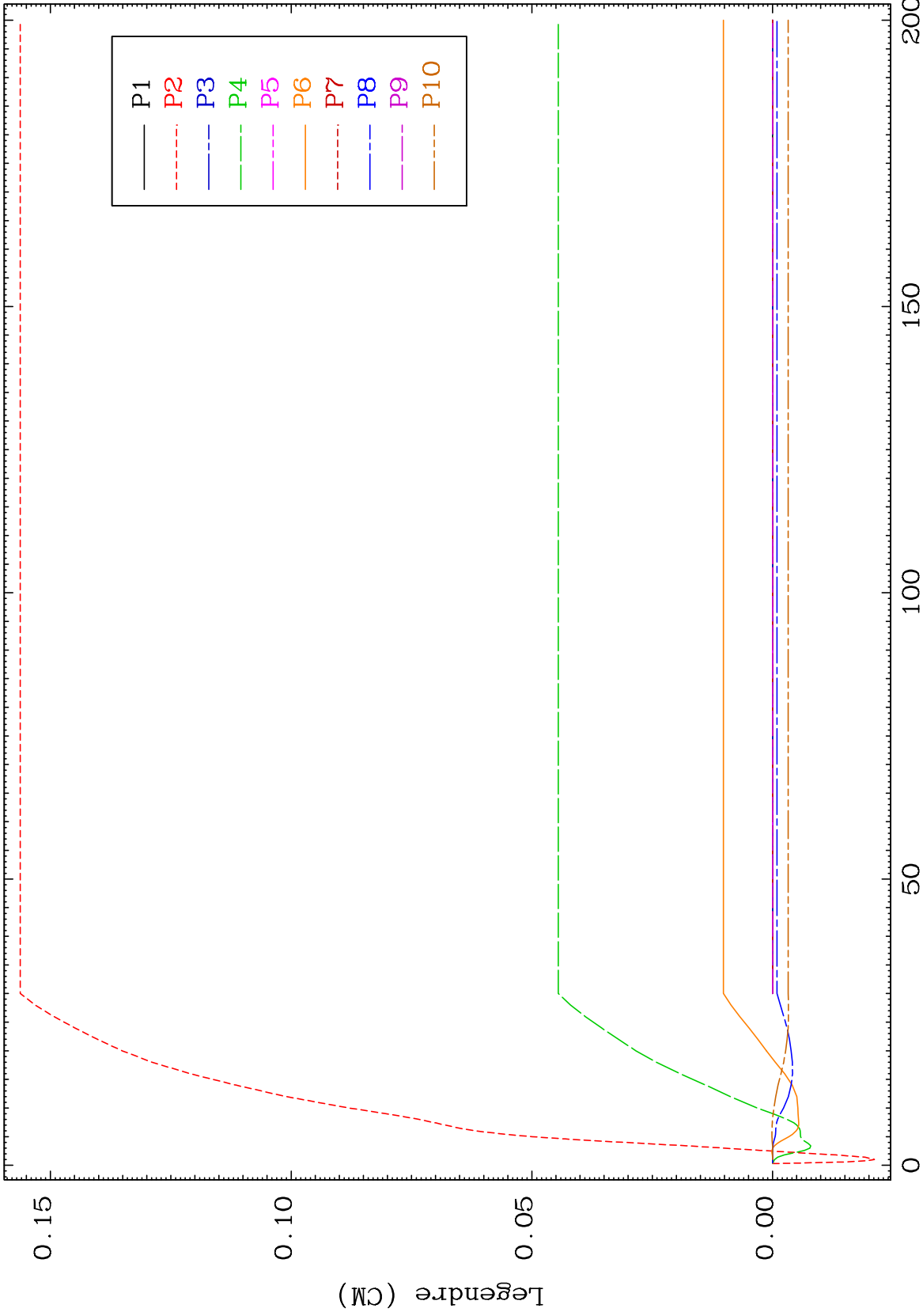
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



43

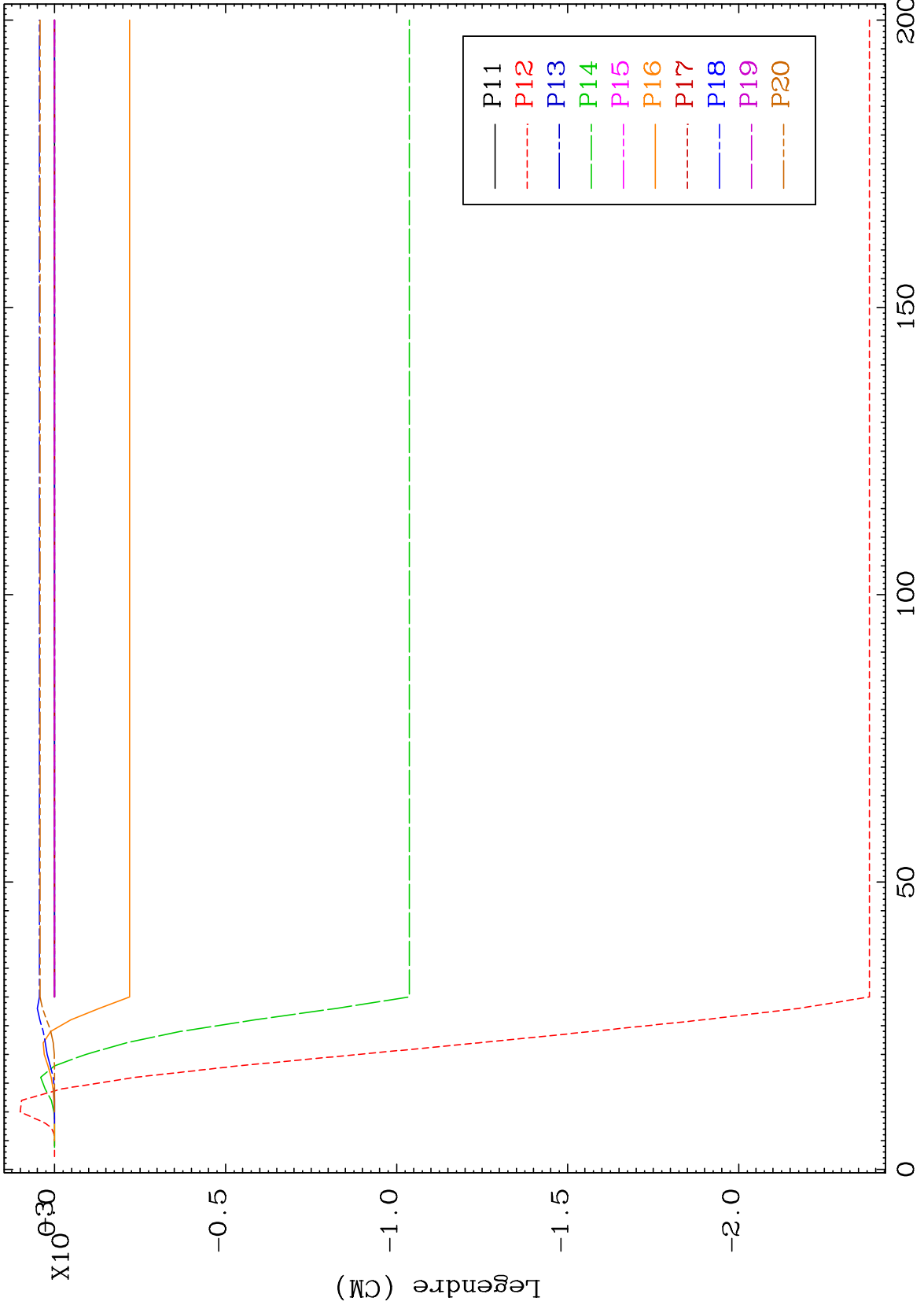
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



44

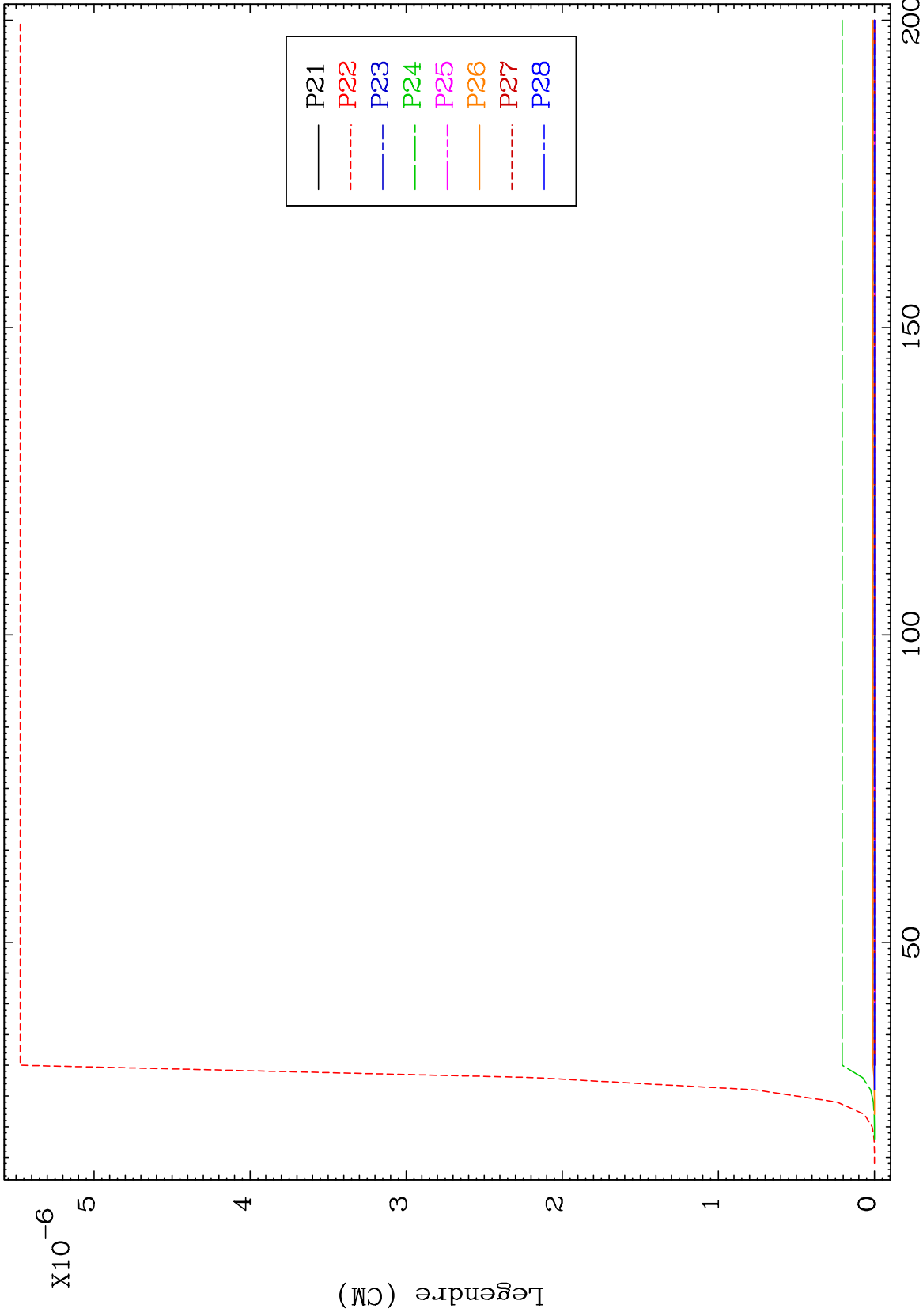
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



45

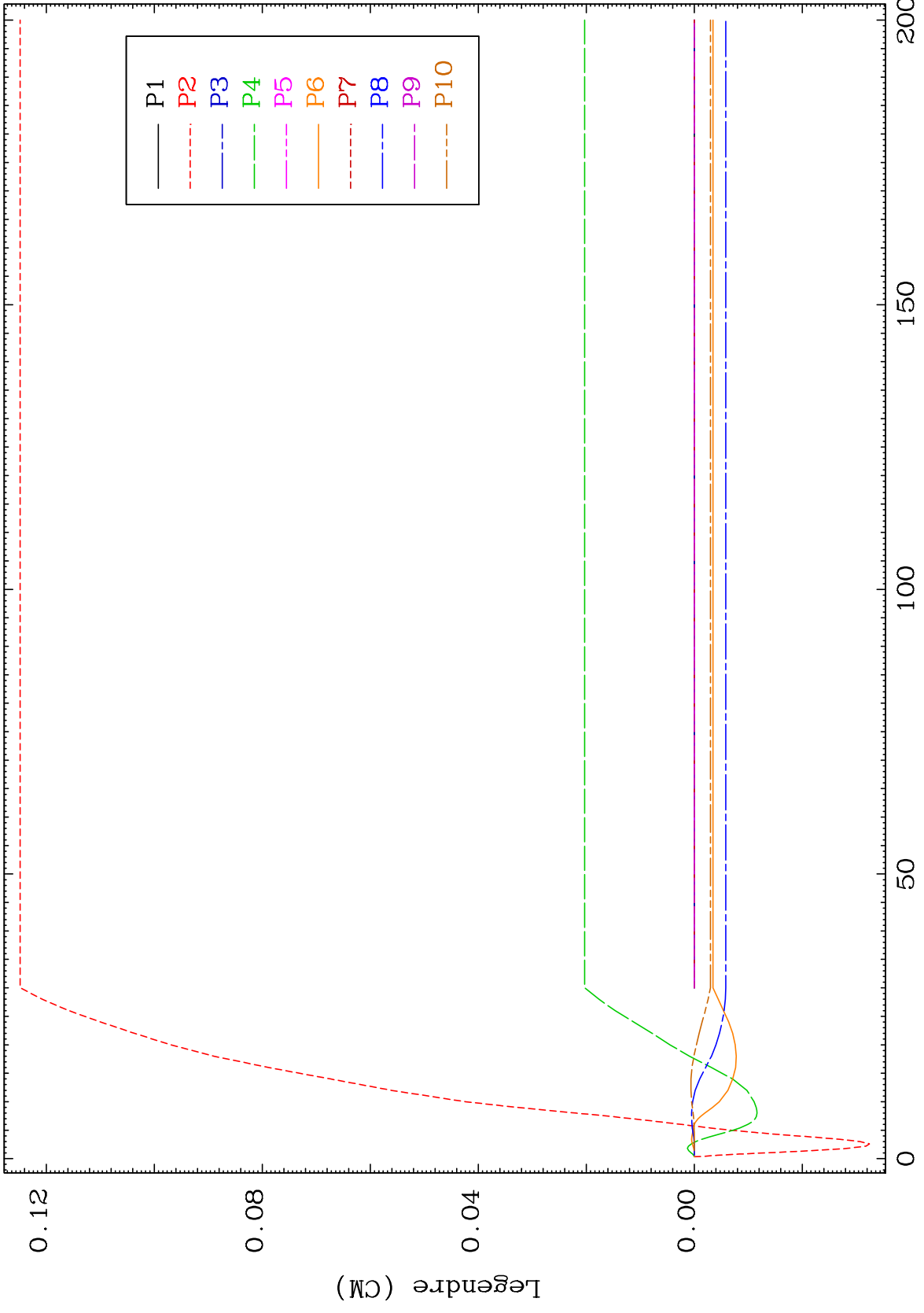
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



46

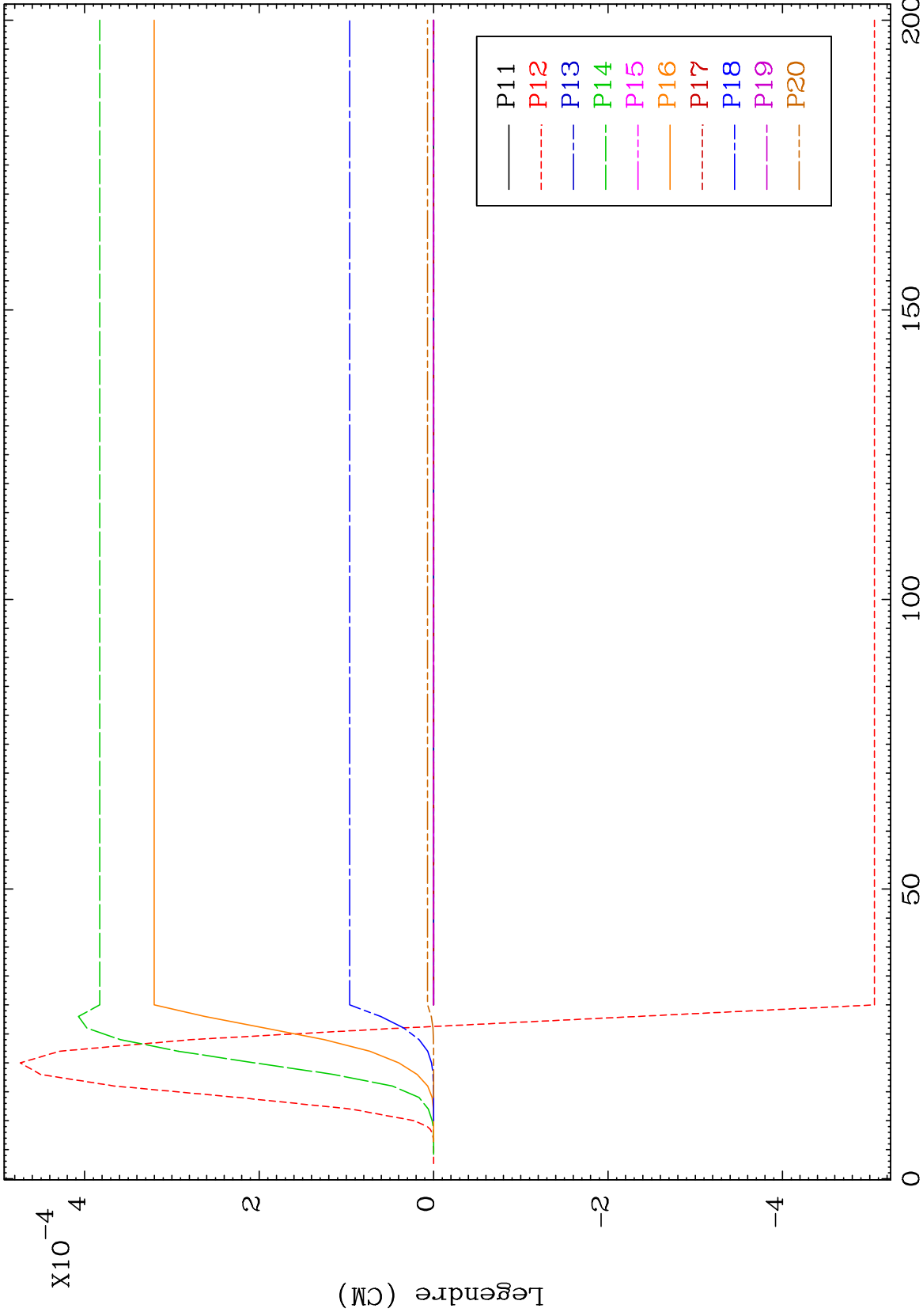
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



47

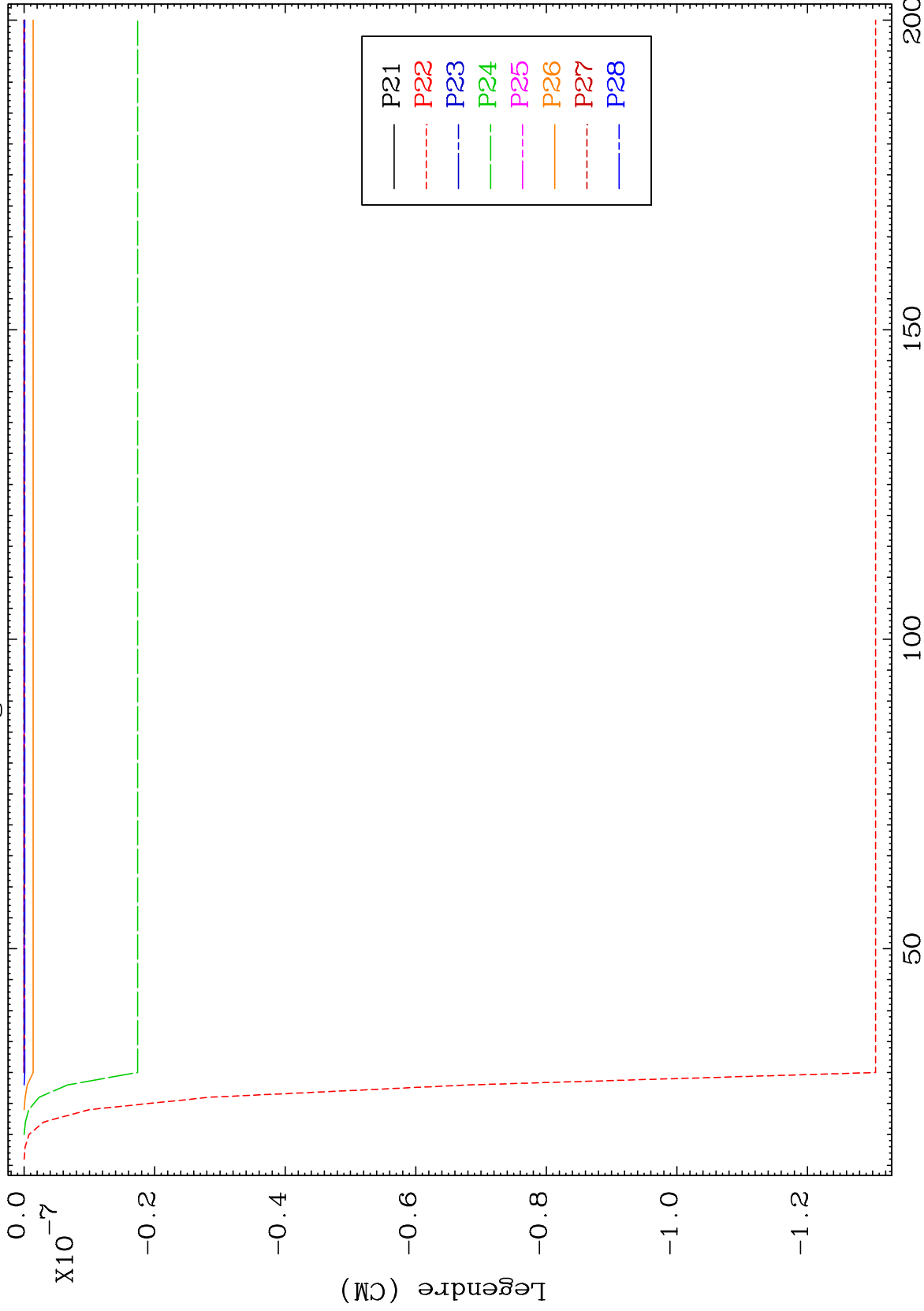
79-Au-187



MAT 7895

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

79-Au-187



48

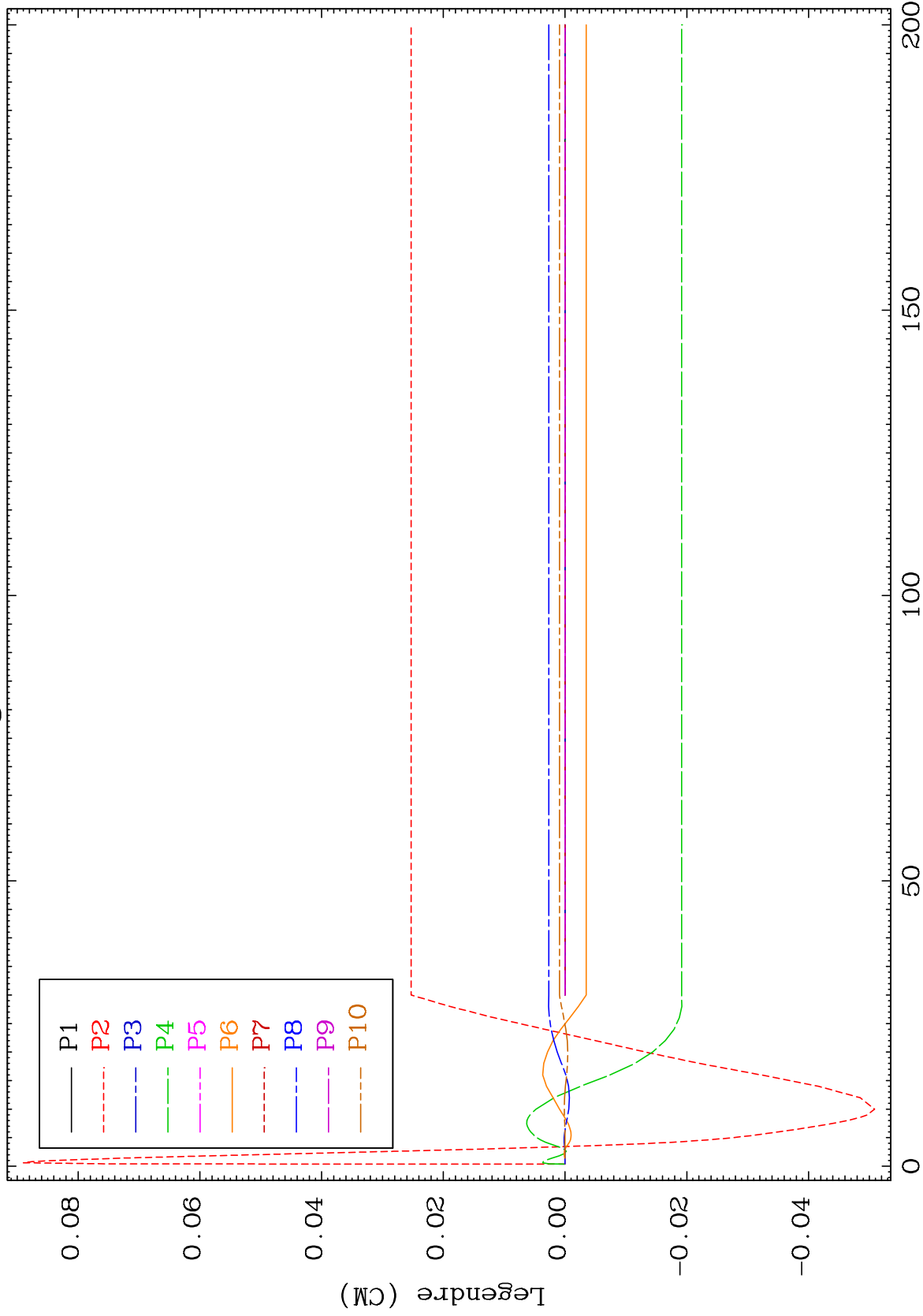
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



49

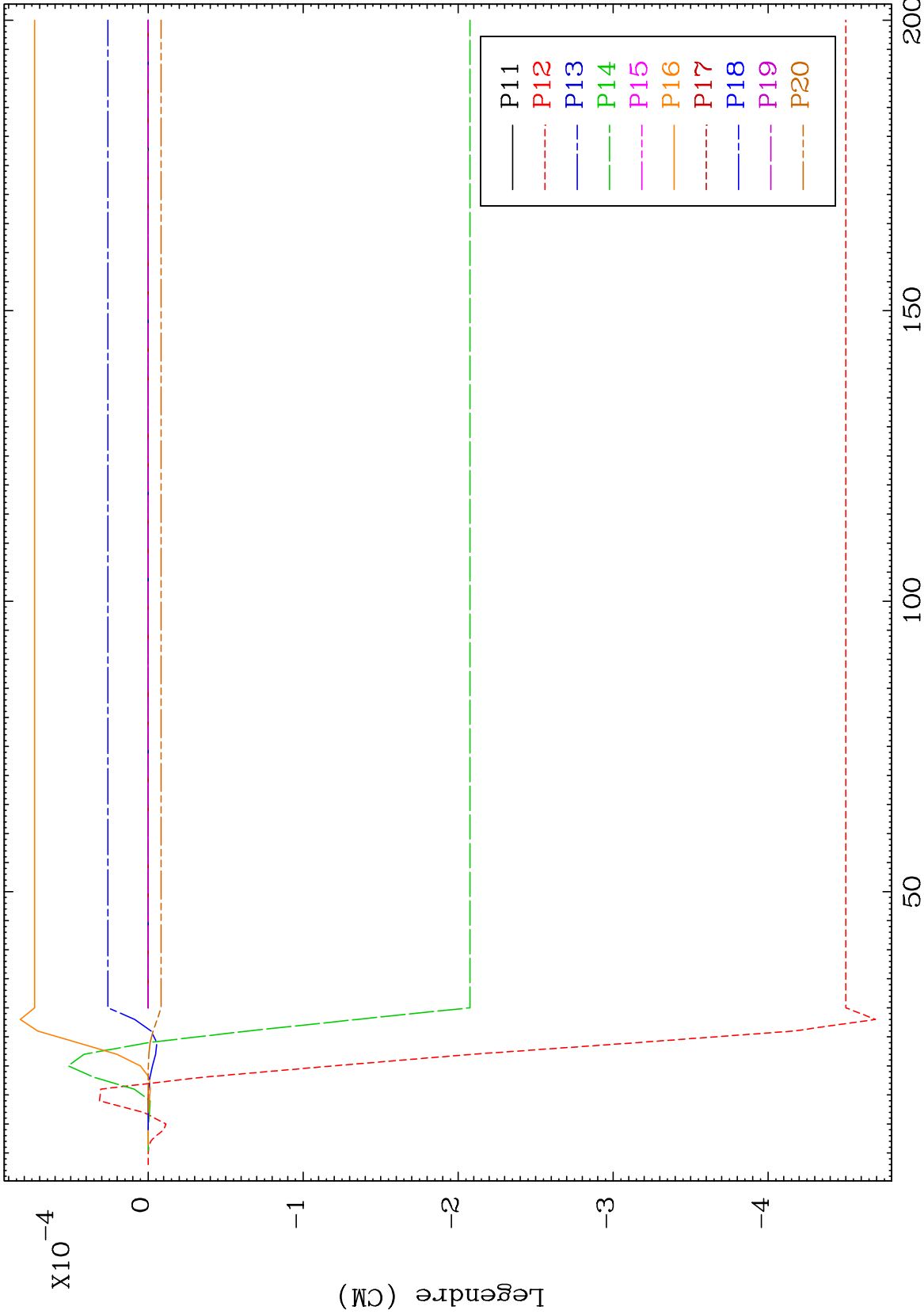
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



50

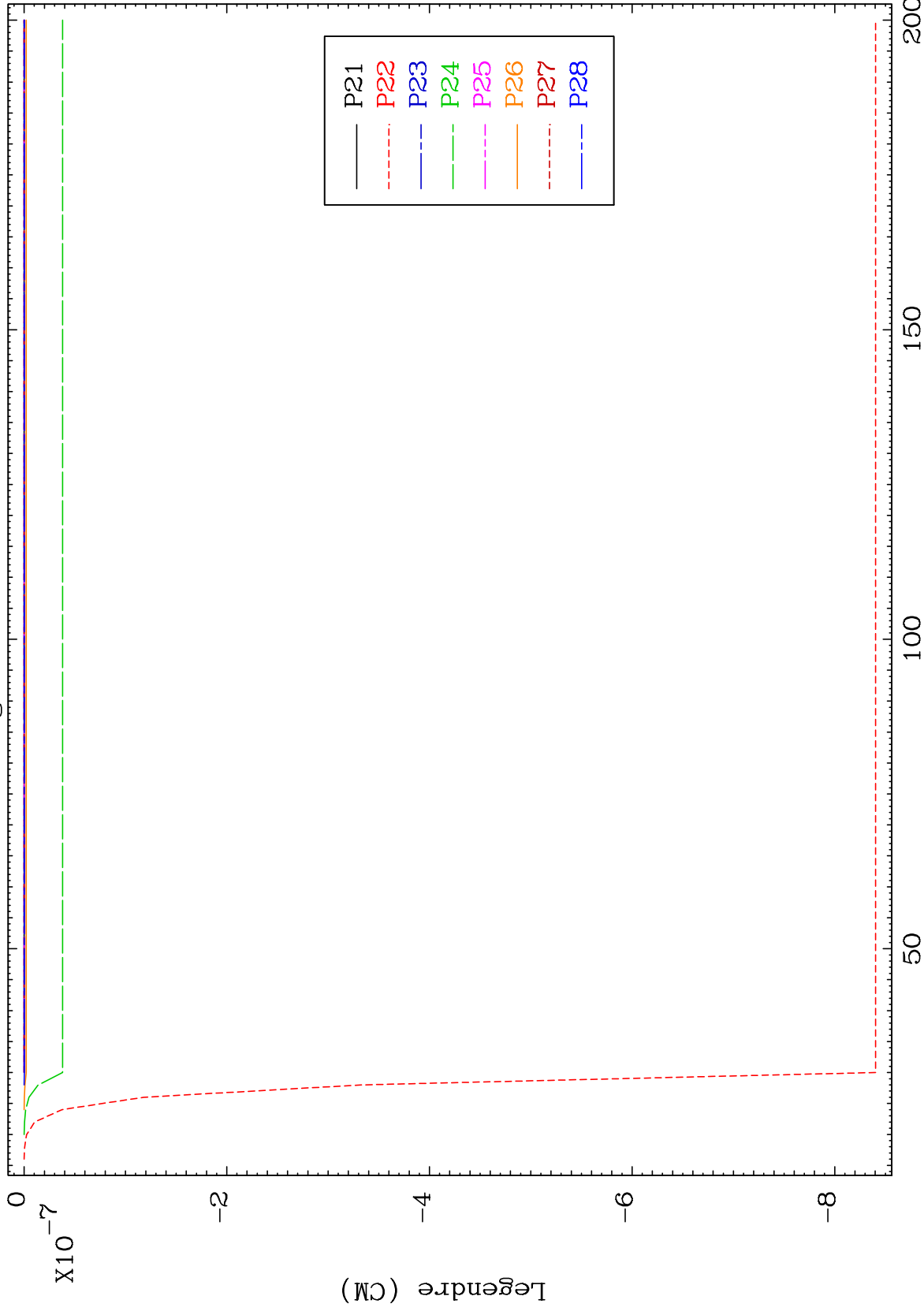
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



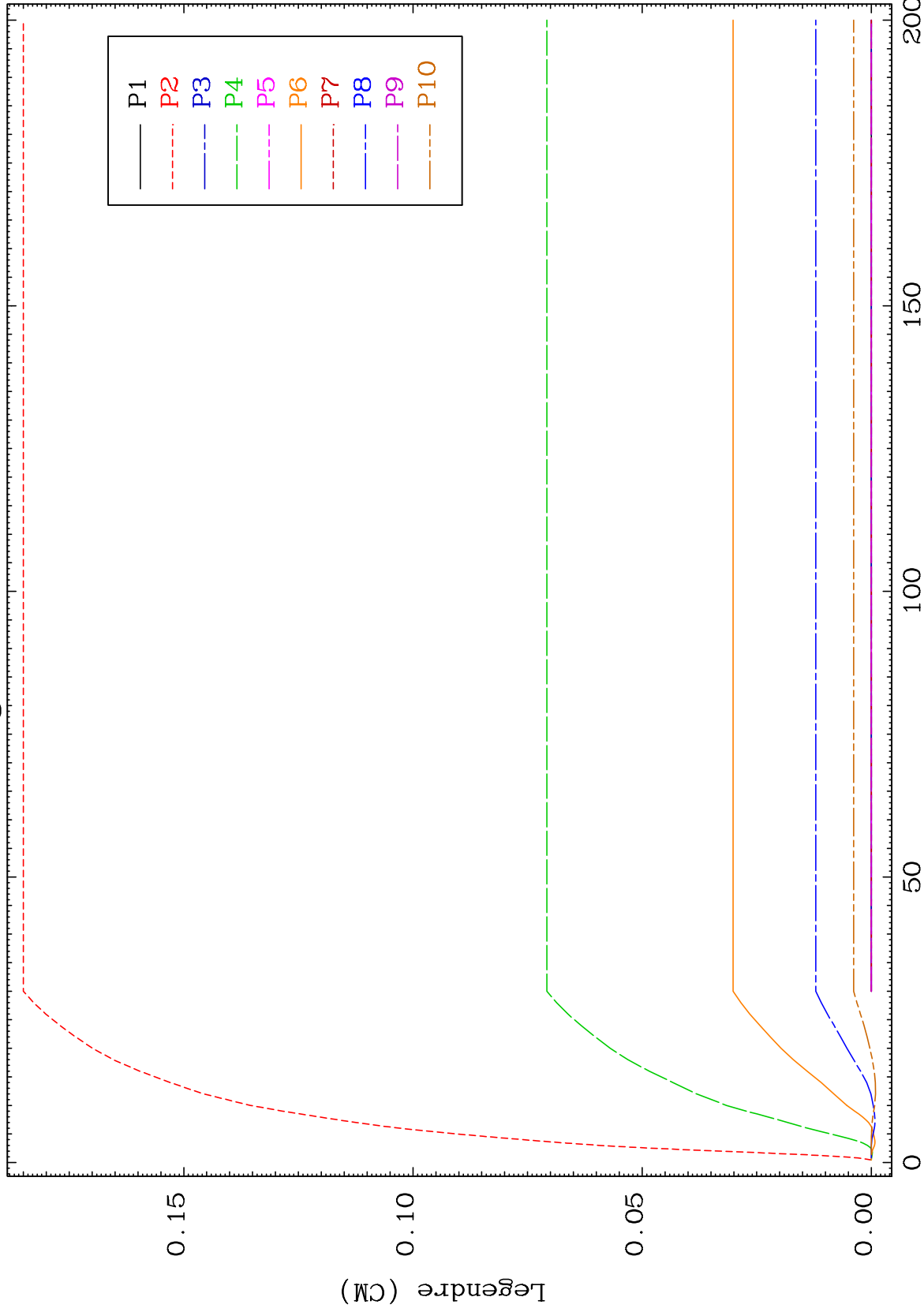
51

79-Au-187

MAT 7895

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

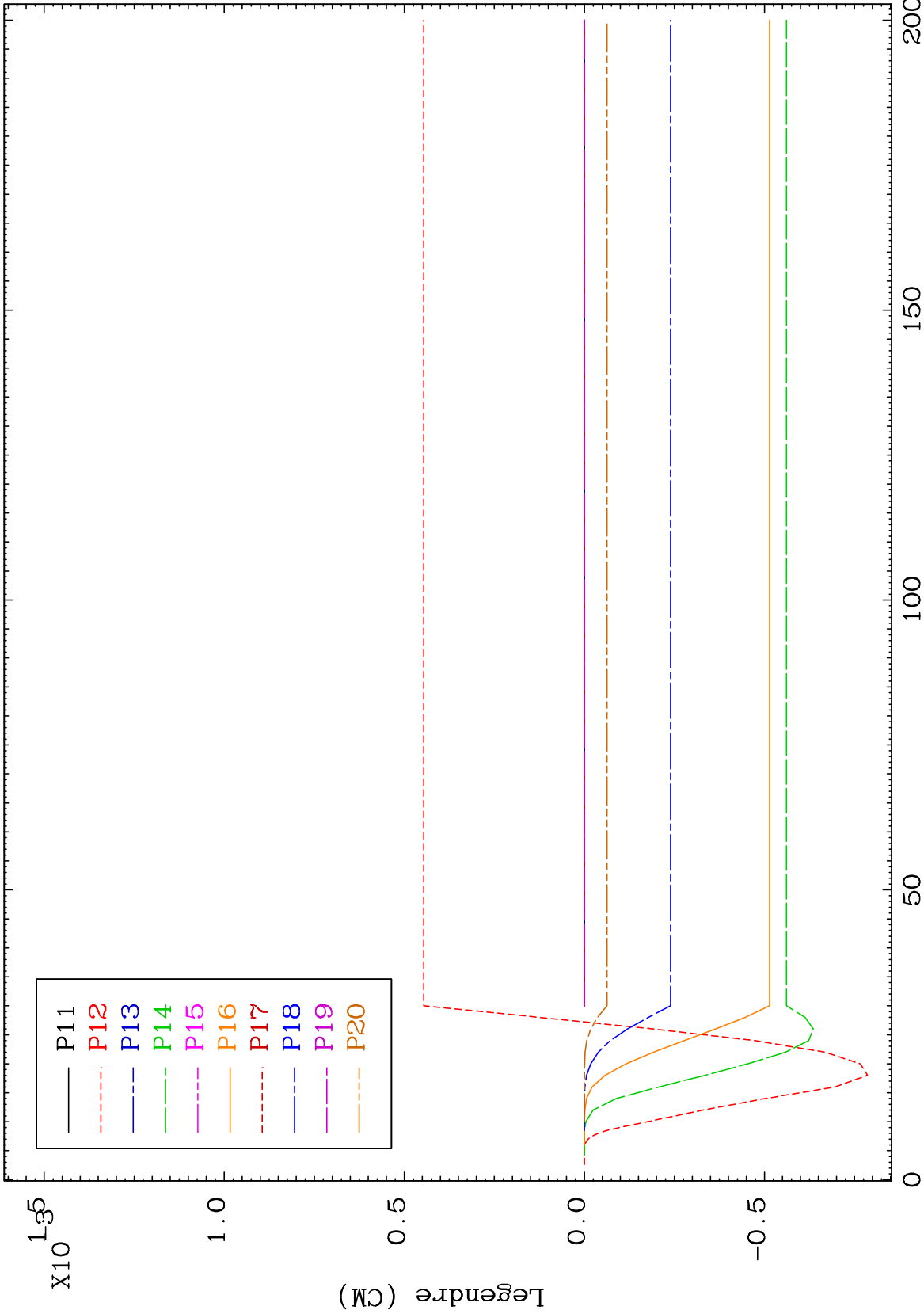
79-Au-187



52

Incident Energy (MeV)

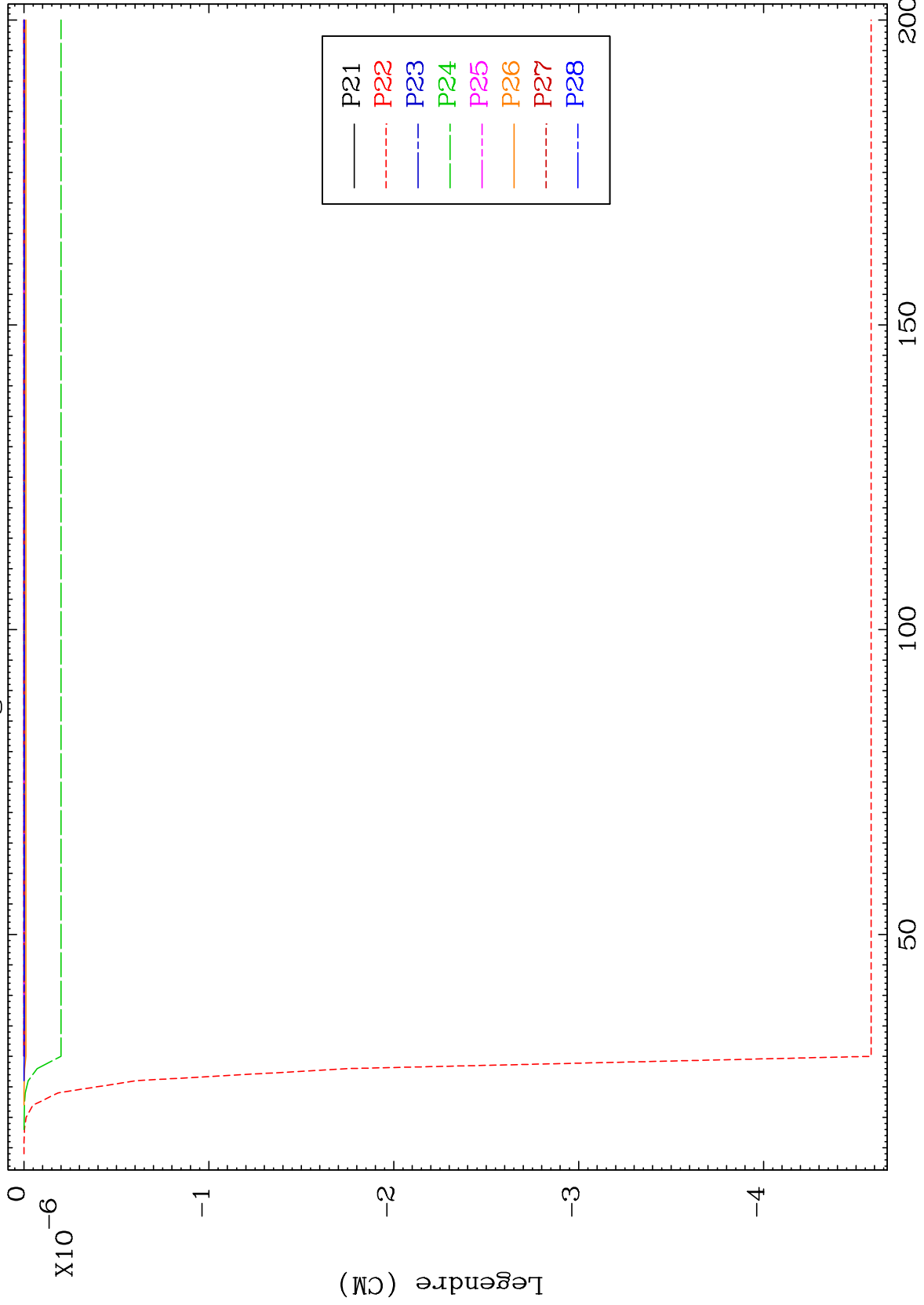
79-Au-187



MAT 7895

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

79-Au-187



79-Au-187

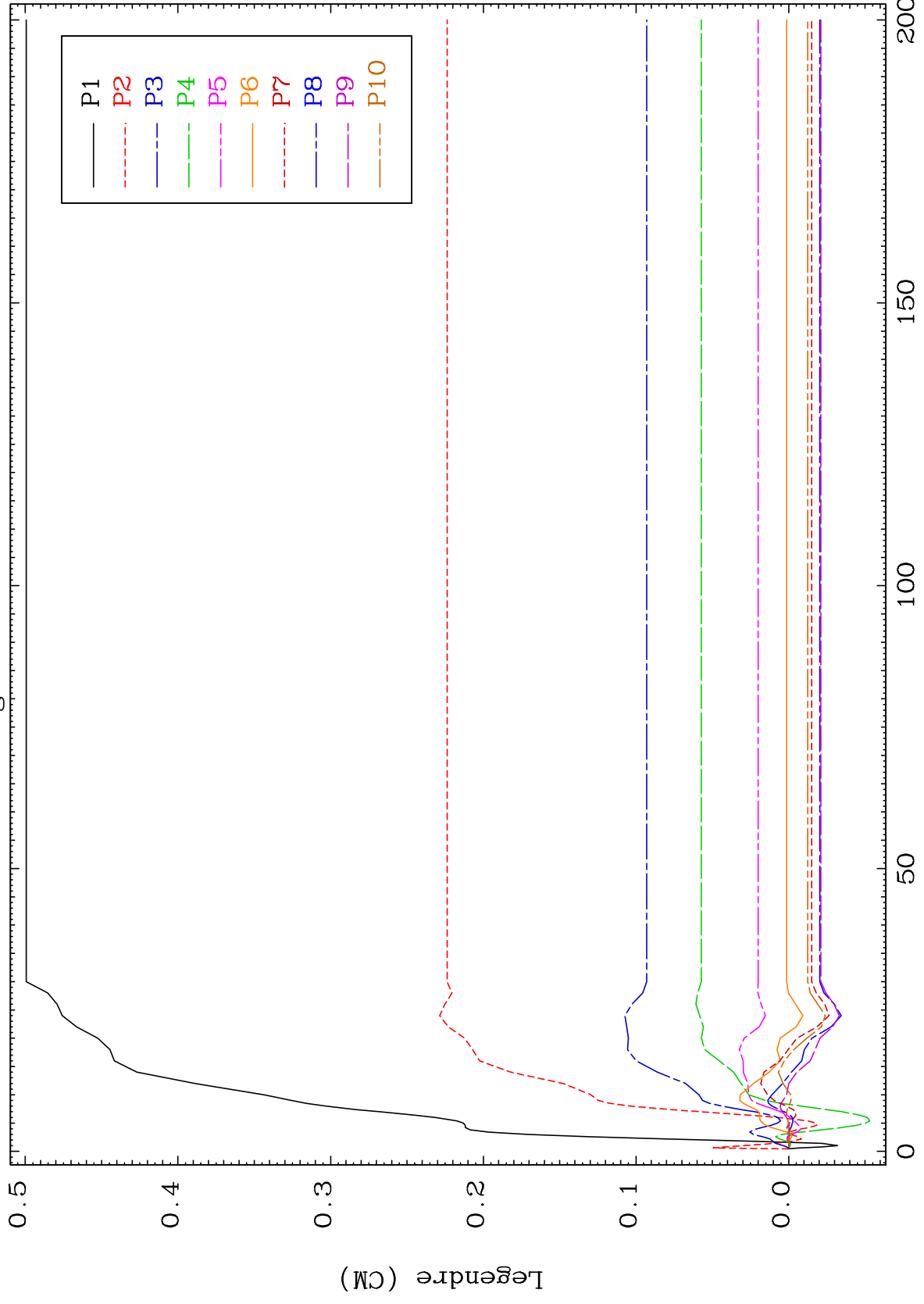
Incident Energy (MeV)

54

MAT 7895

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

79-Au-187



55

Incident Energy (MeV)

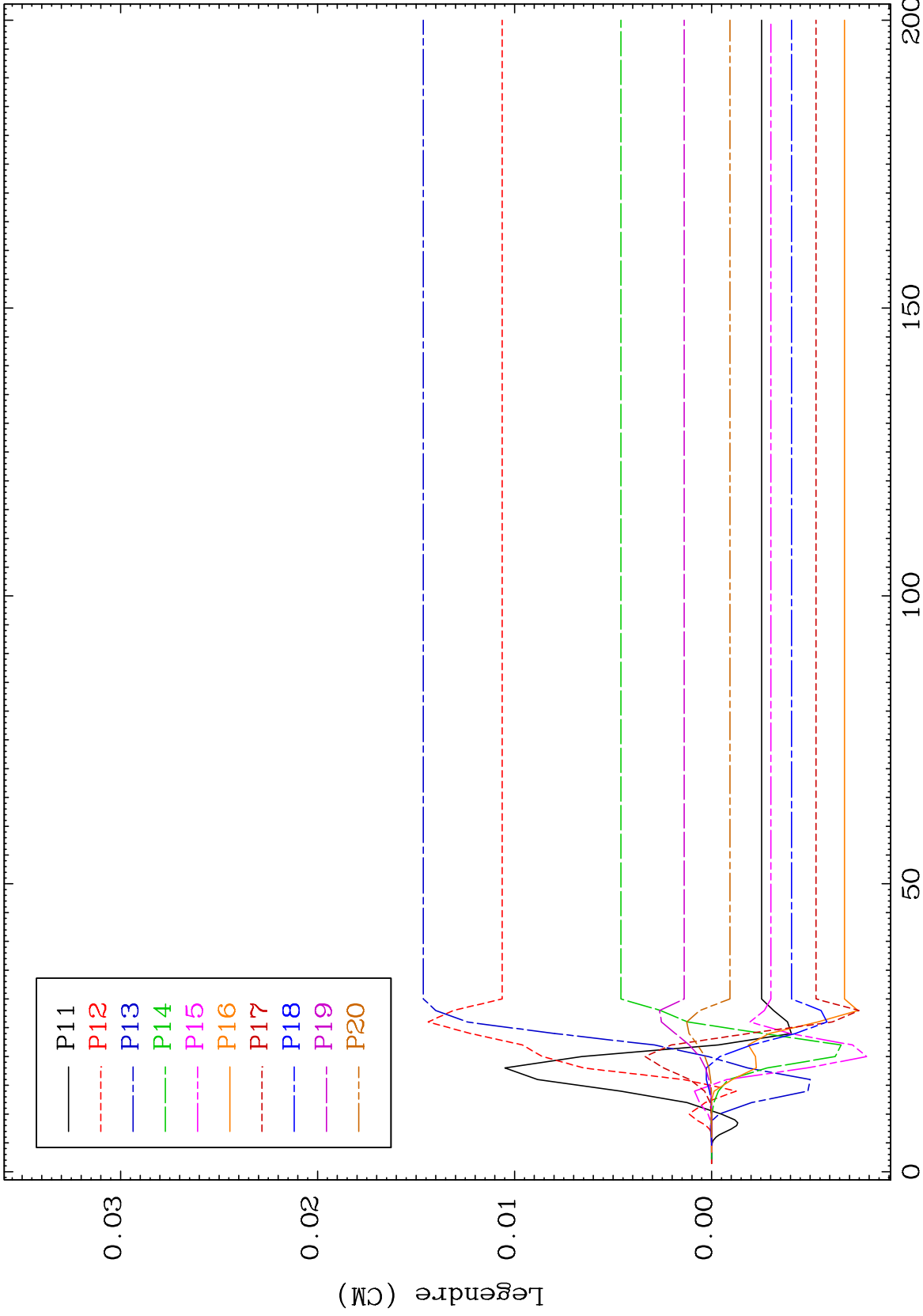
79-Au-187



MAT 7895

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

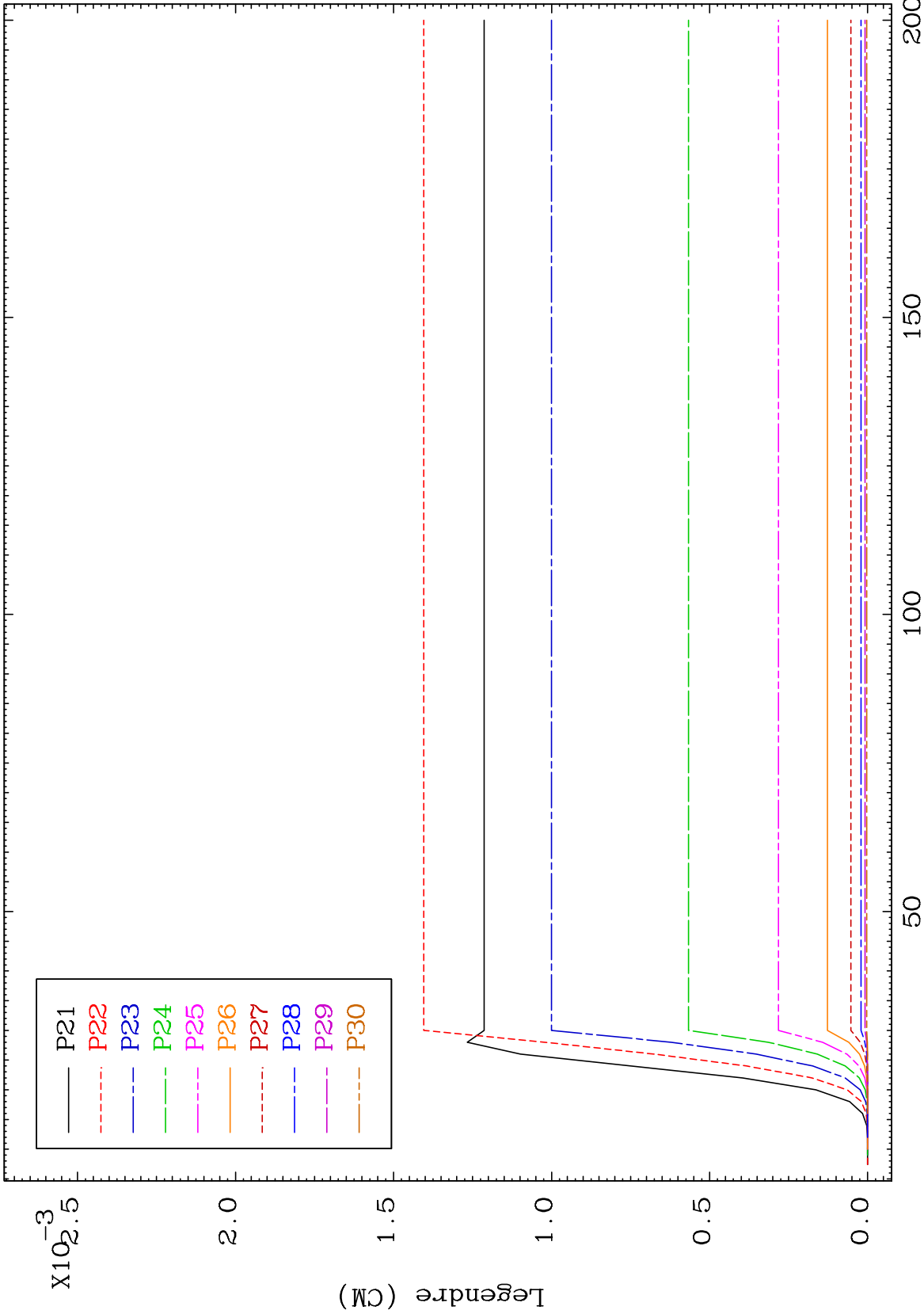
79-Au-187



56

Incident Energy (MeV)

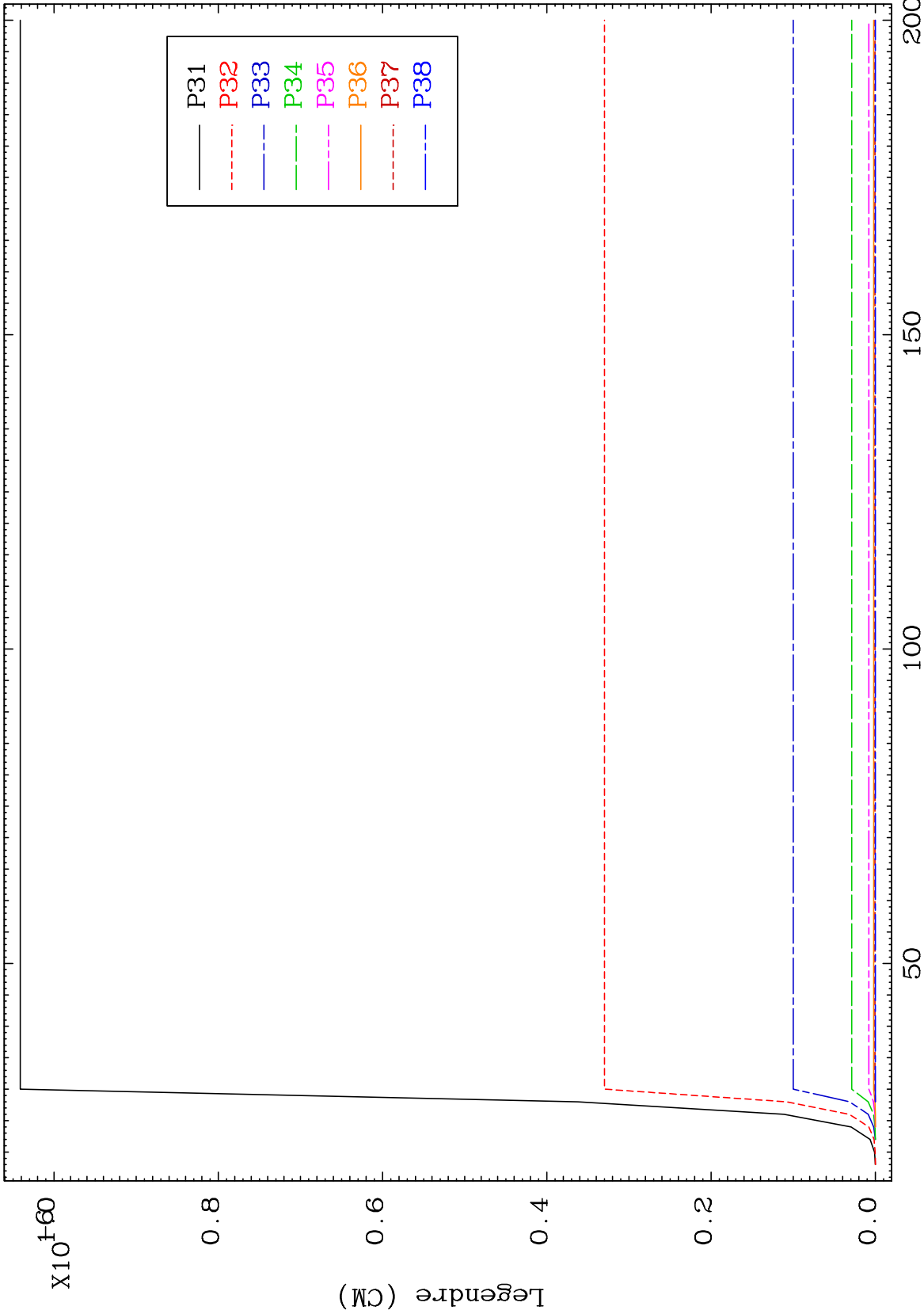
79-Au-187



MAT 7895

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

79-Au-187



58

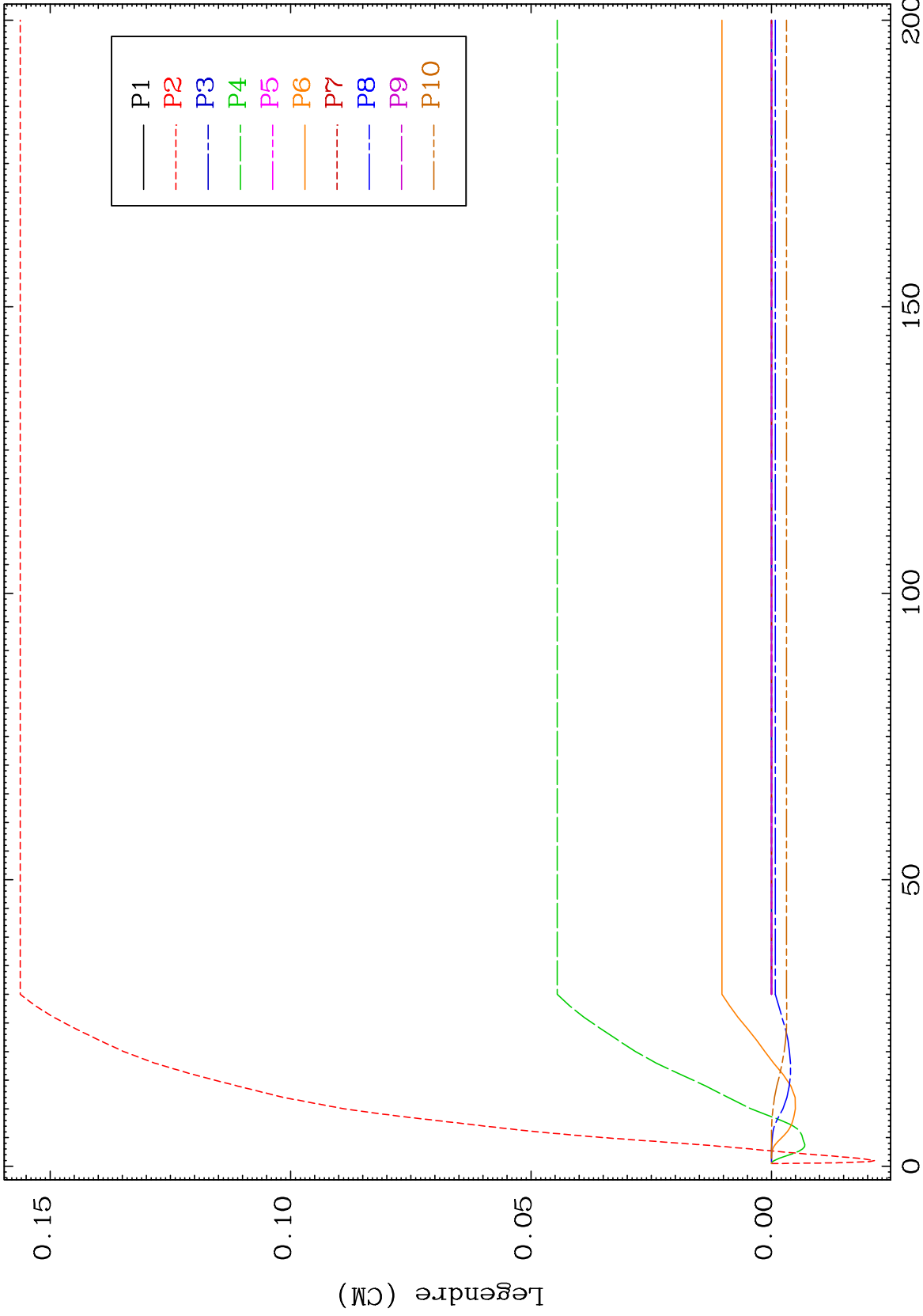
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



59

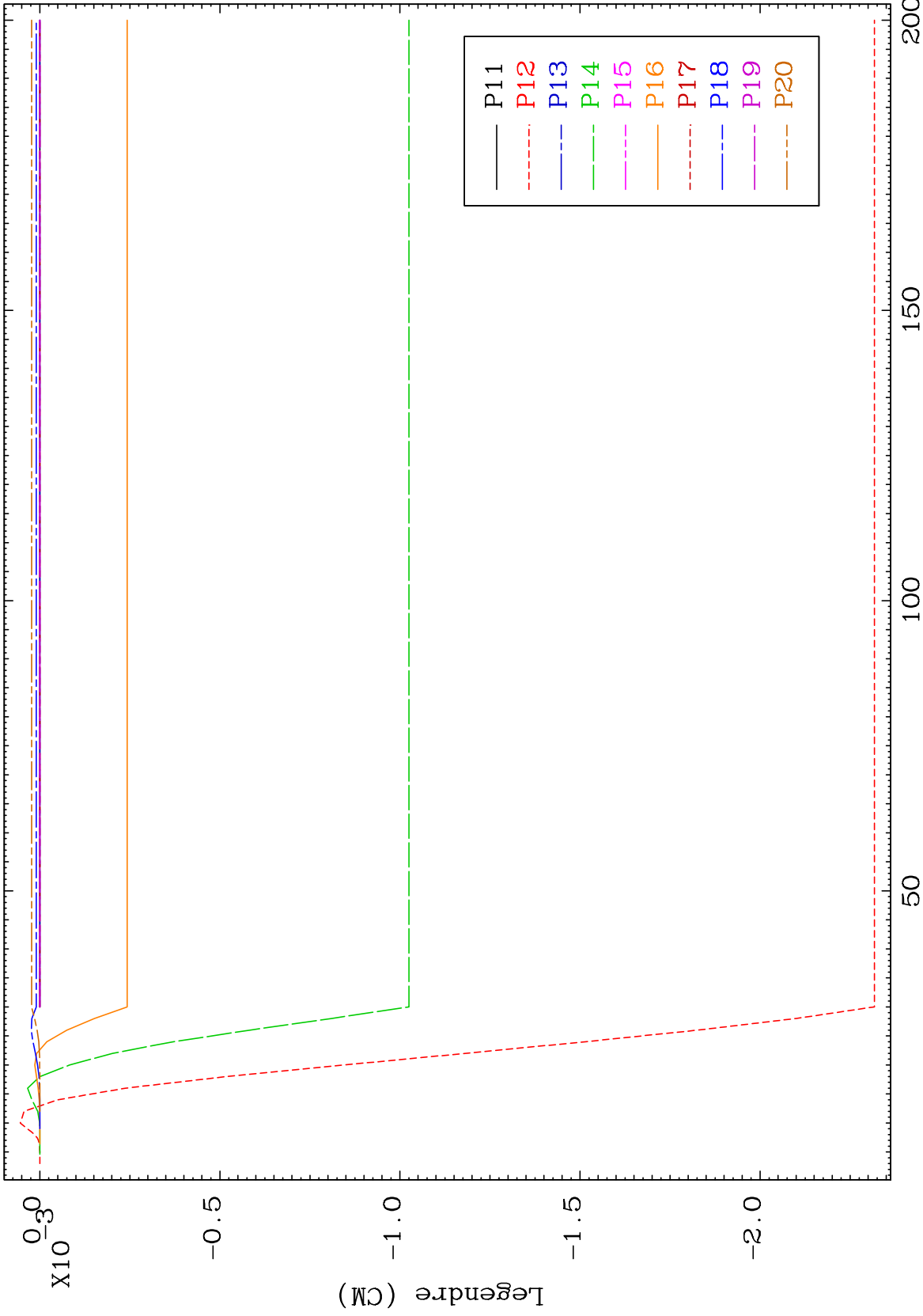
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



60

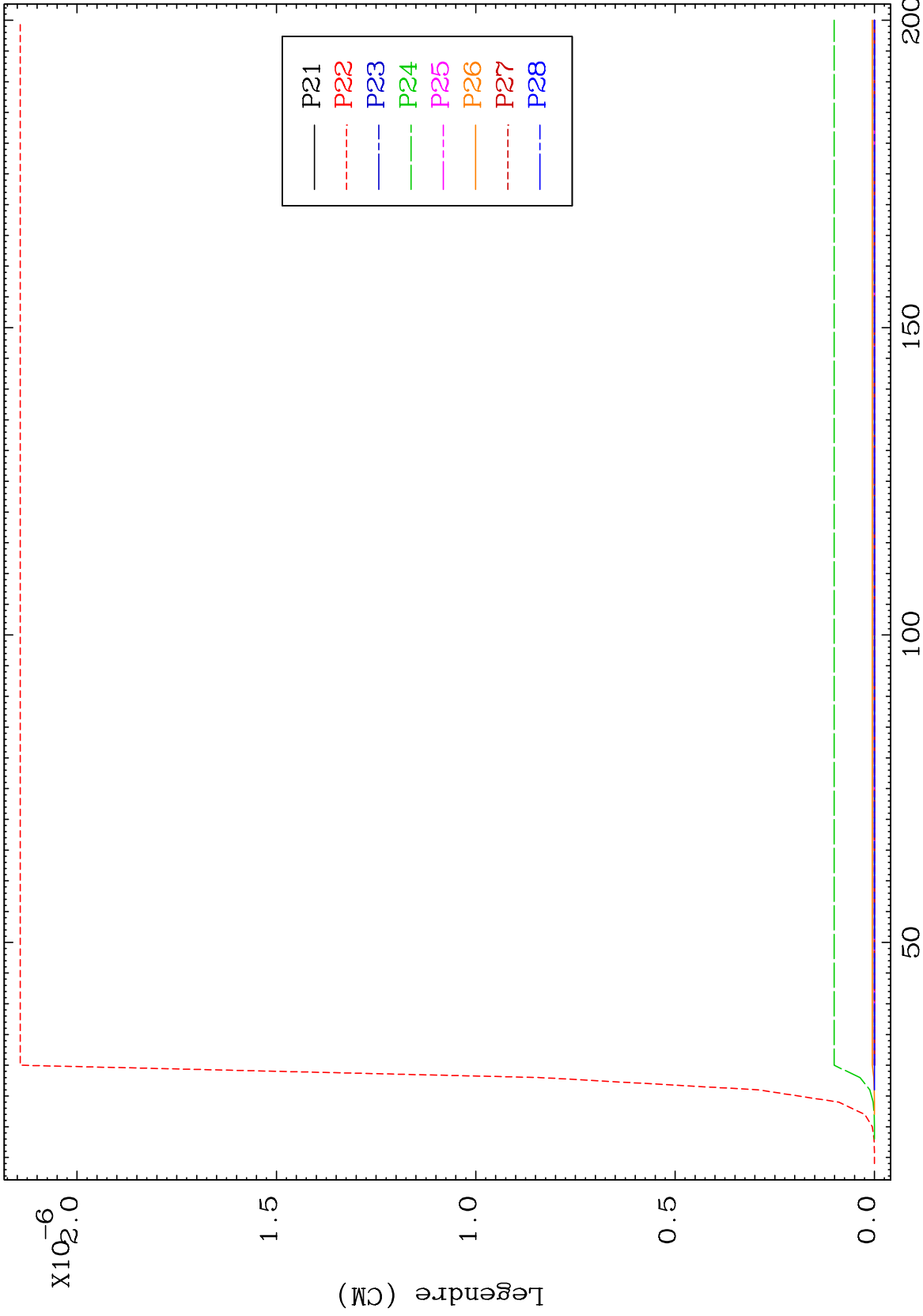
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



61

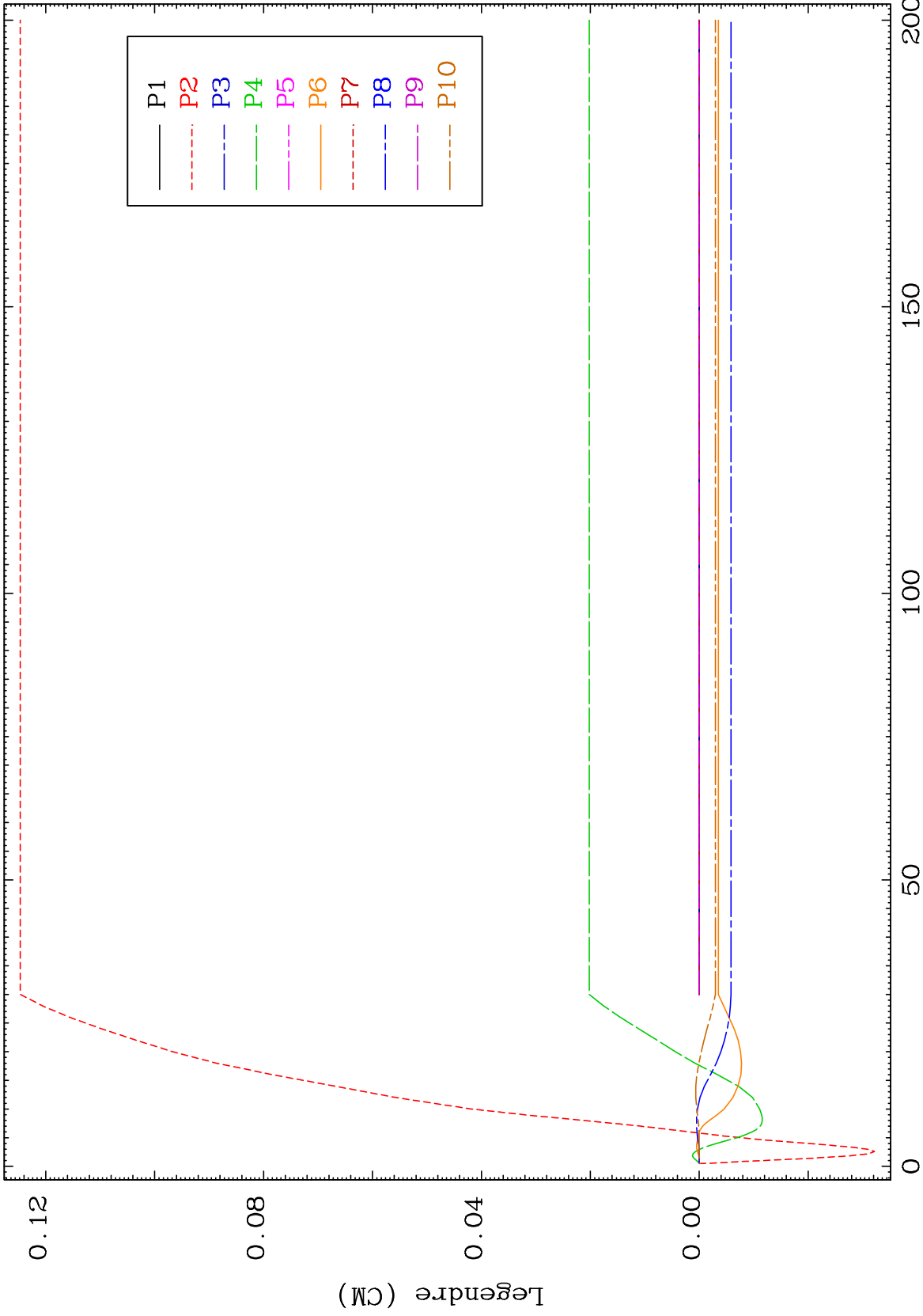
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



62

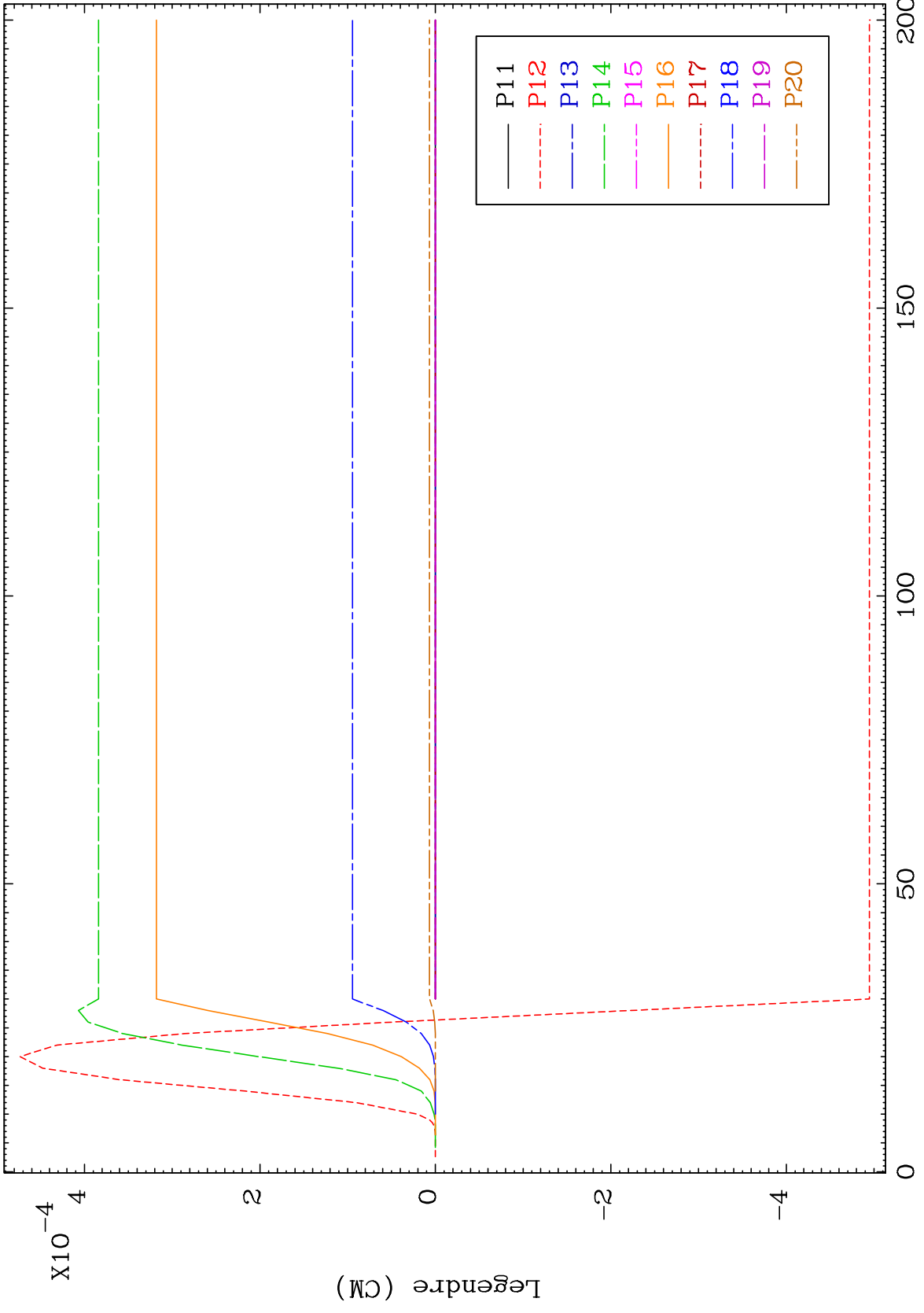
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



63

Incident Energy (MeV)

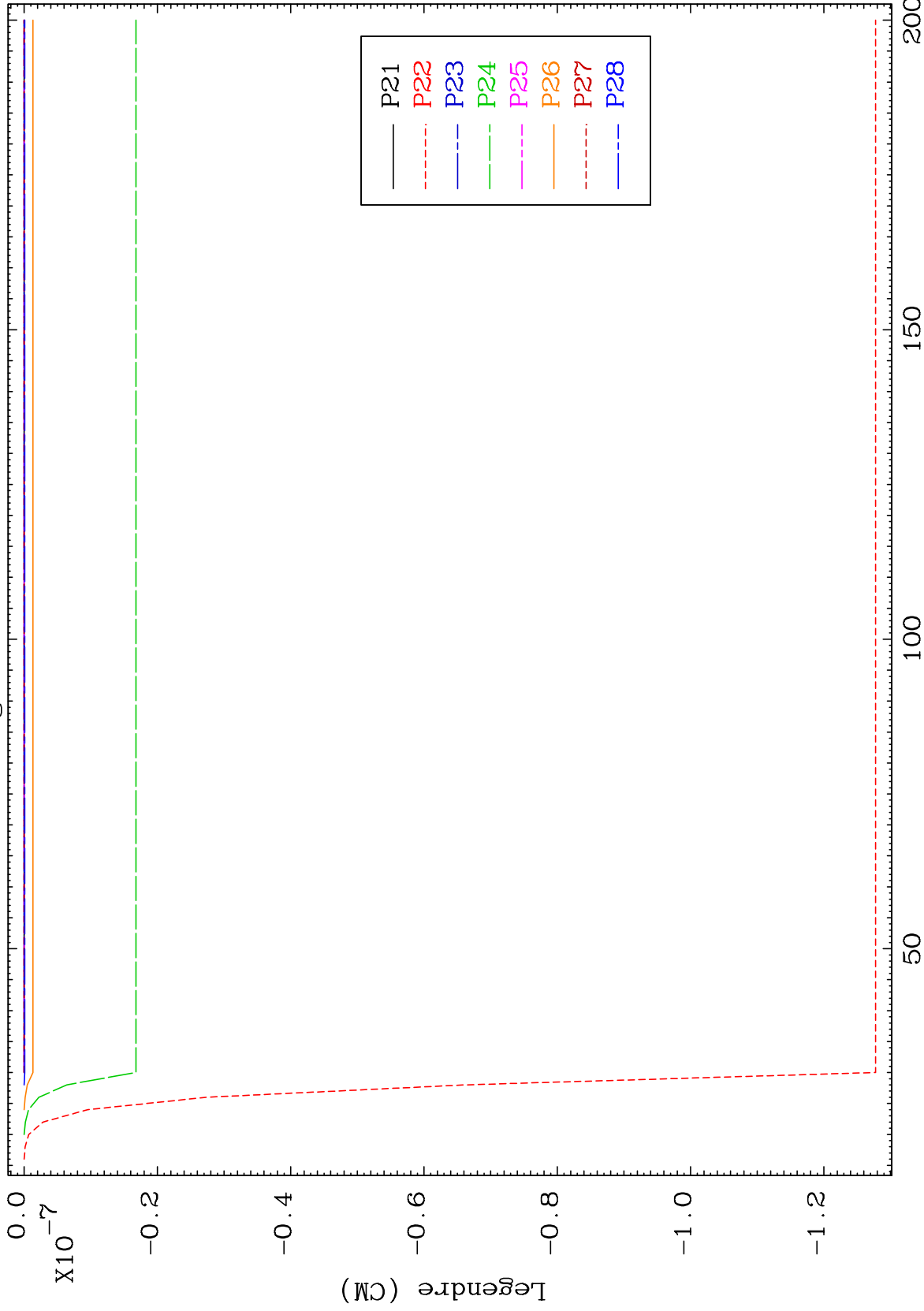
79-Au-187



MAT 7895

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

79-Au-187



64

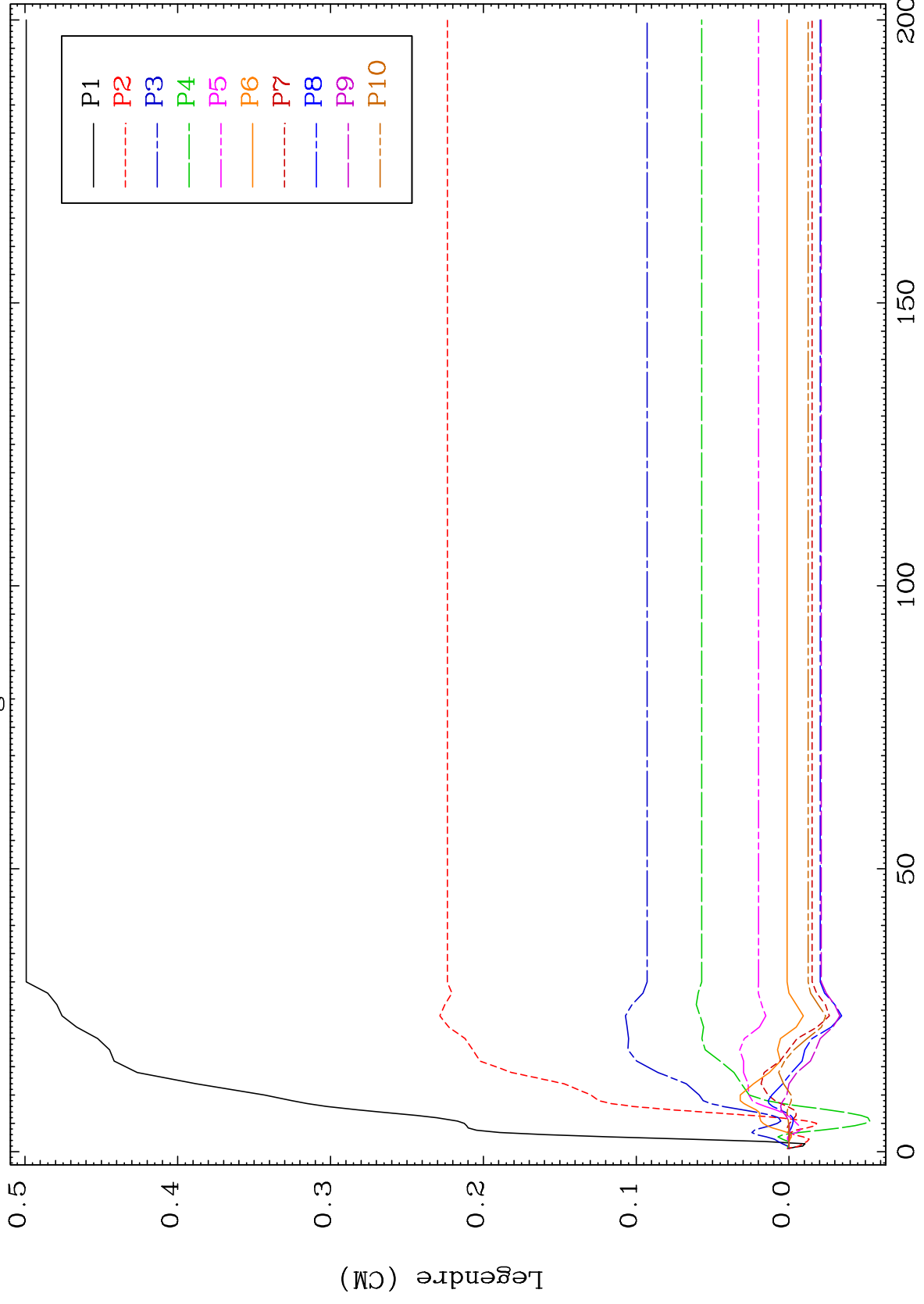
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



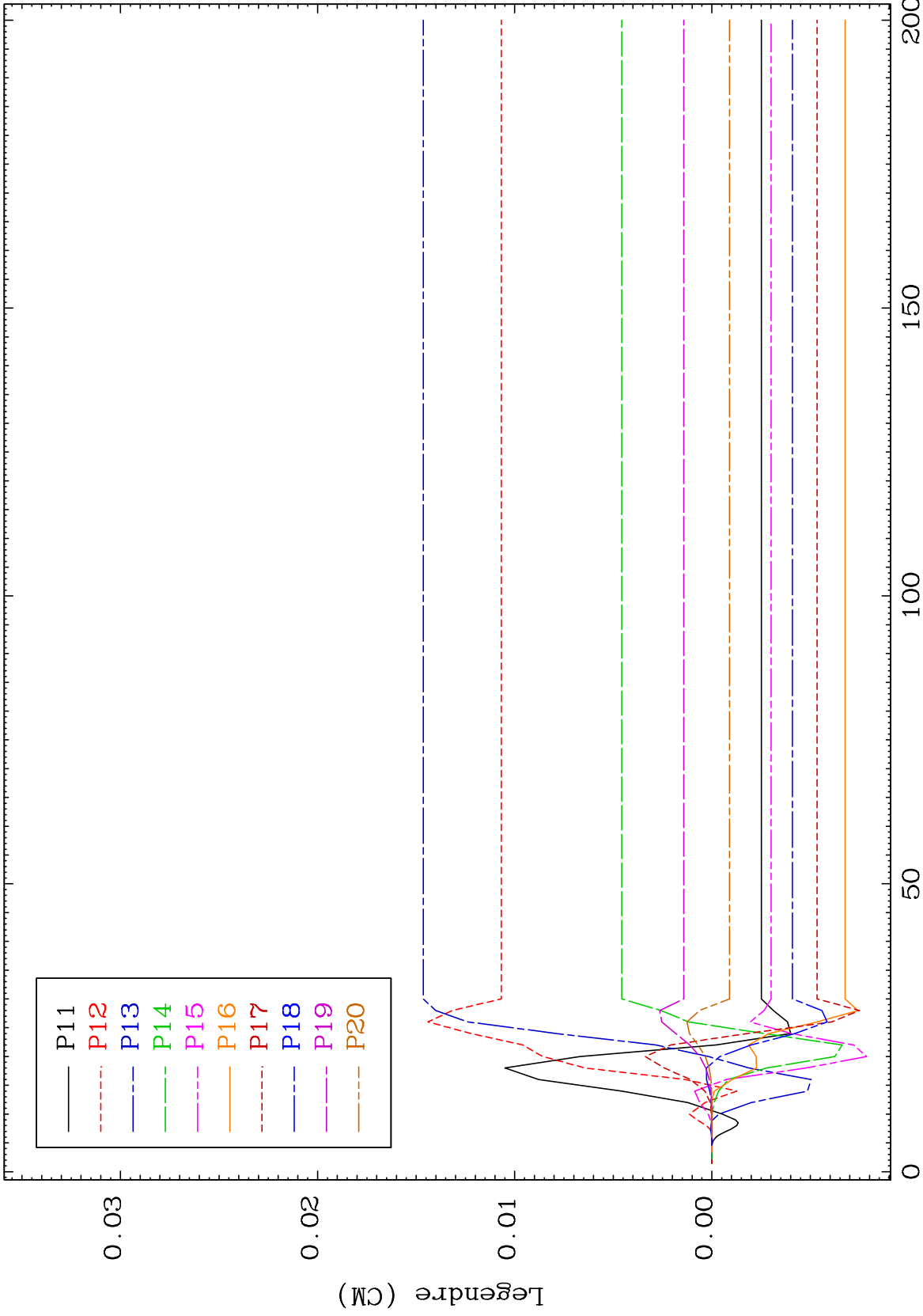
65

79-Au-187

MAT 7895

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

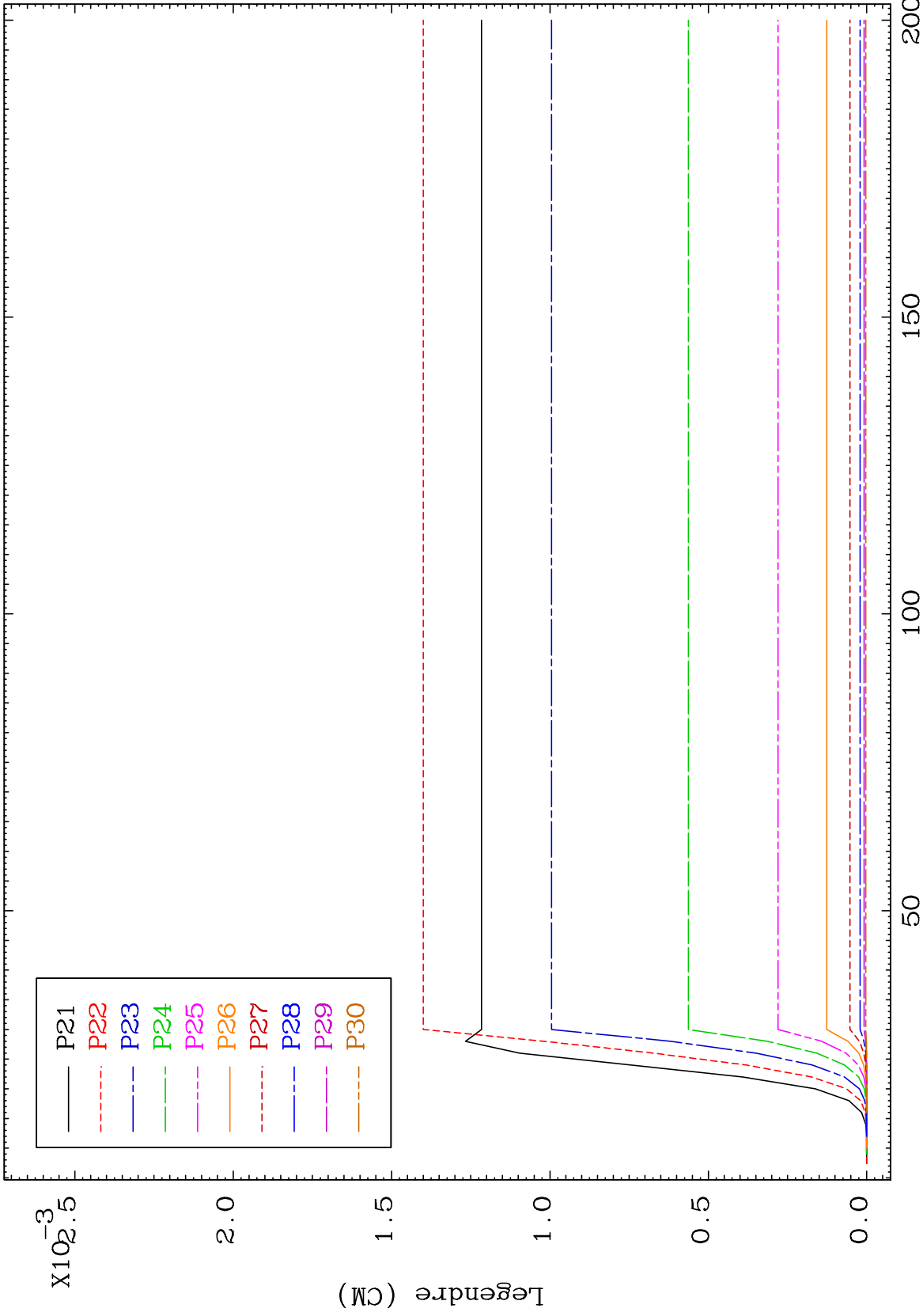
79-Au-187



66

Incident Energy (MeV)

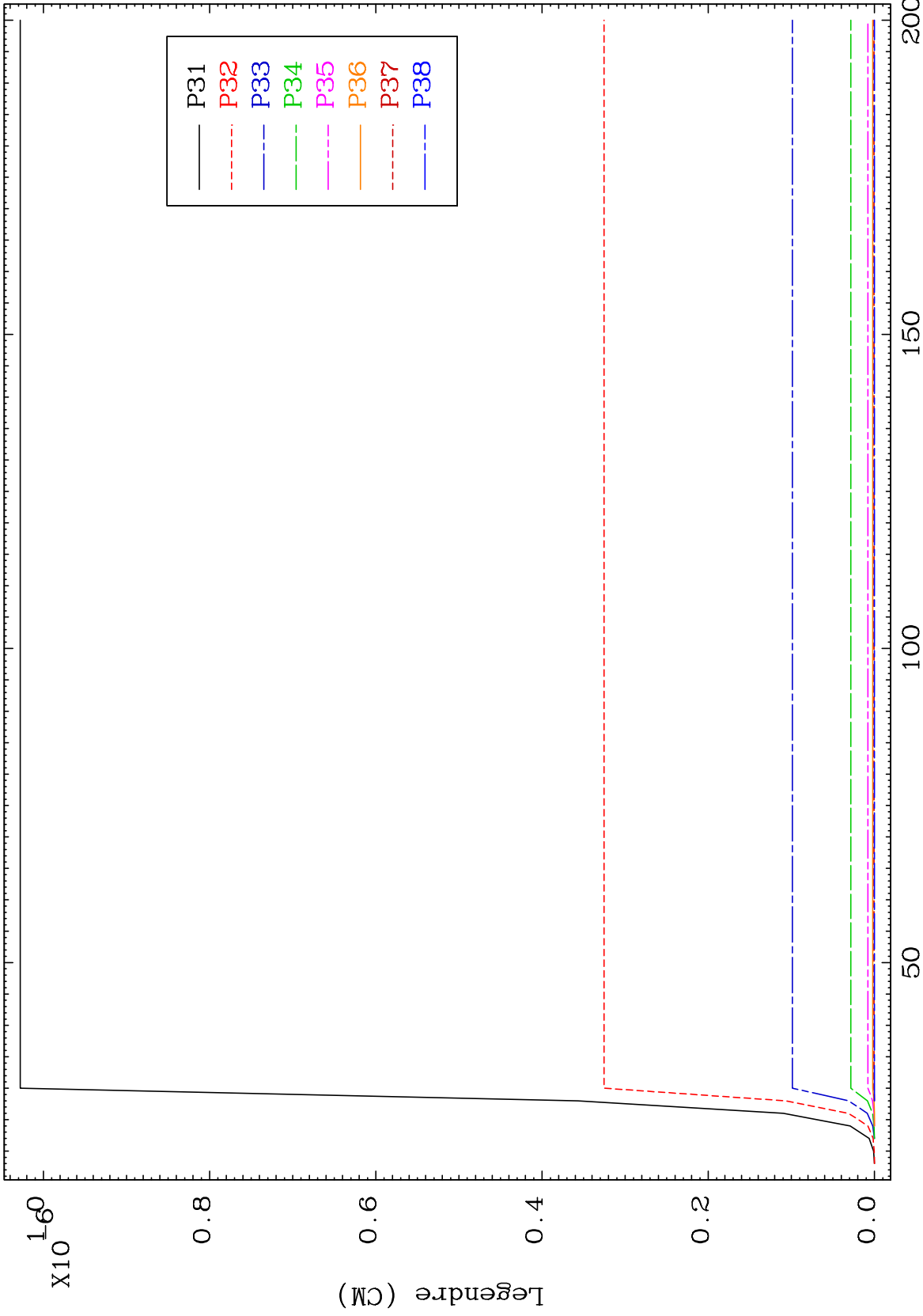
79-Au-187



MAT 7895

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

79-Au-187



68

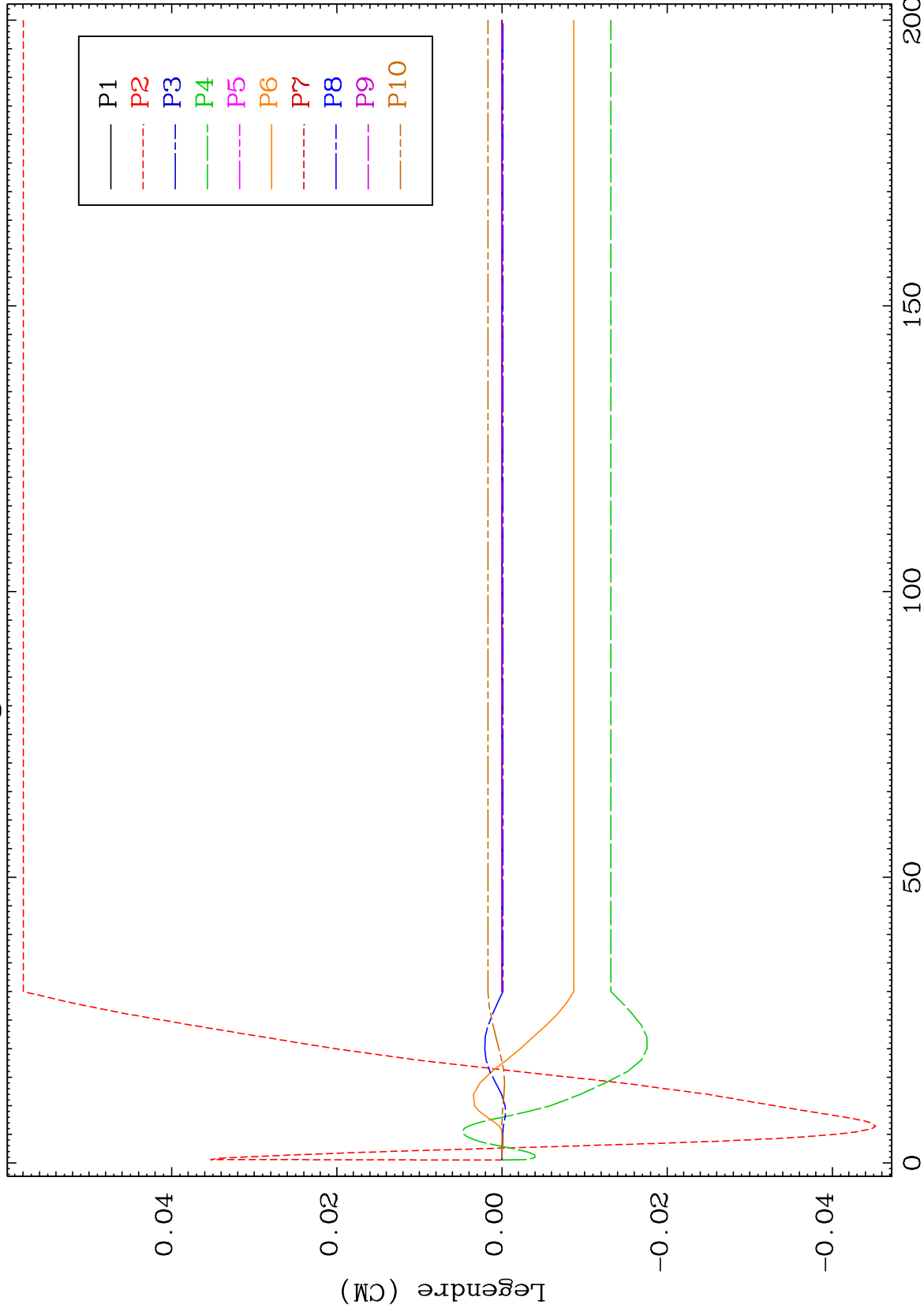
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



69

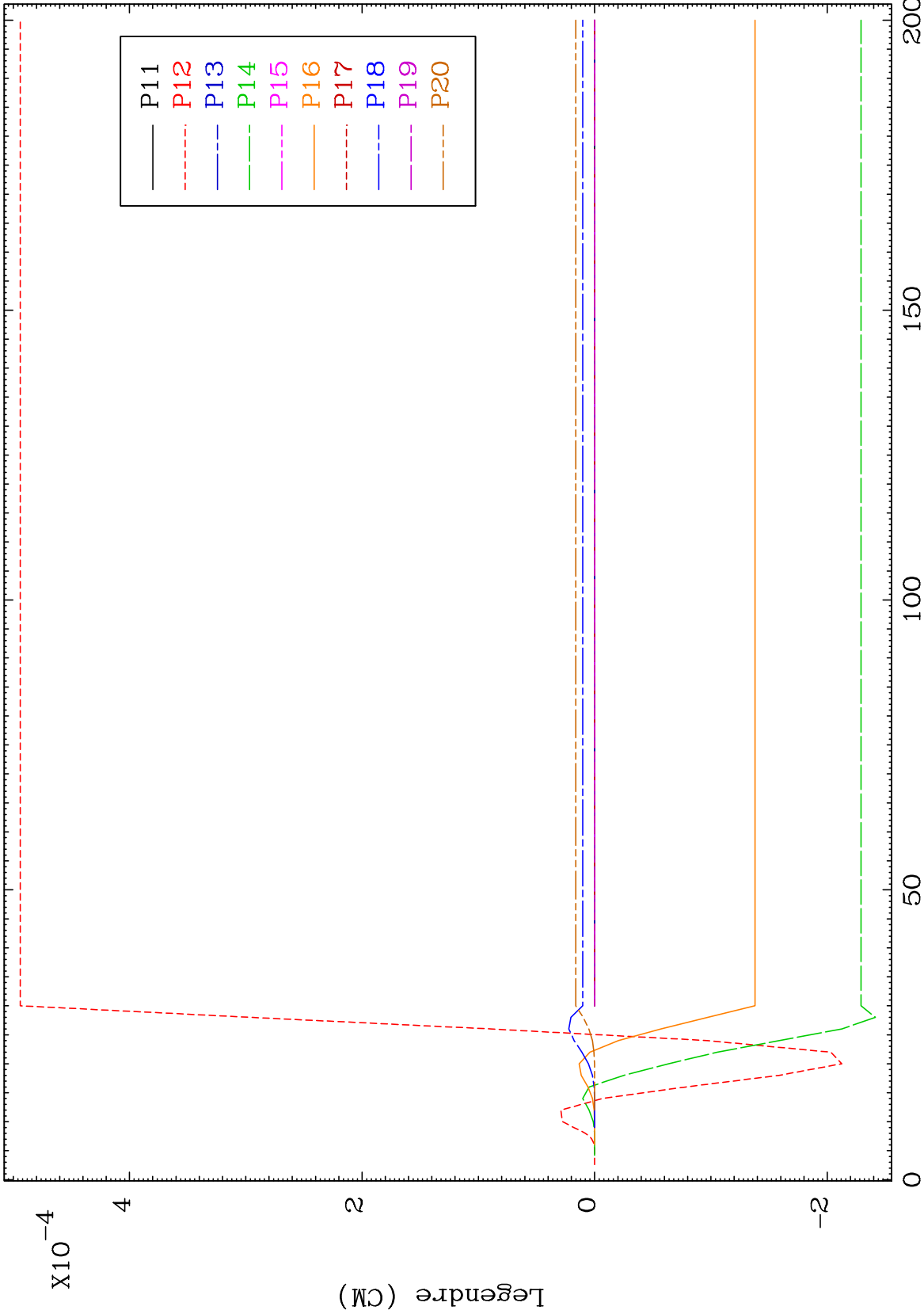
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



70

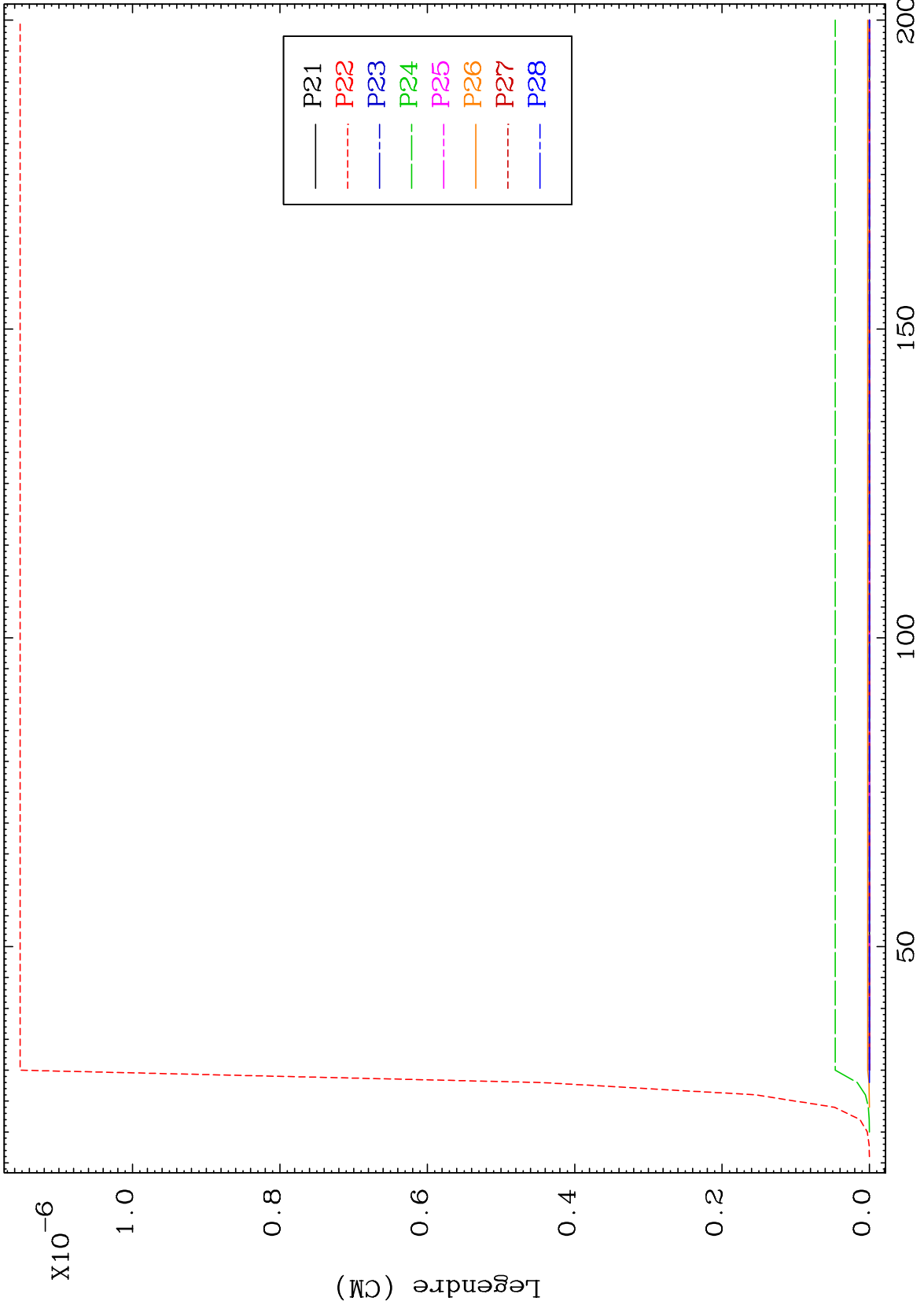
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



71

Incident Energy (MeV)

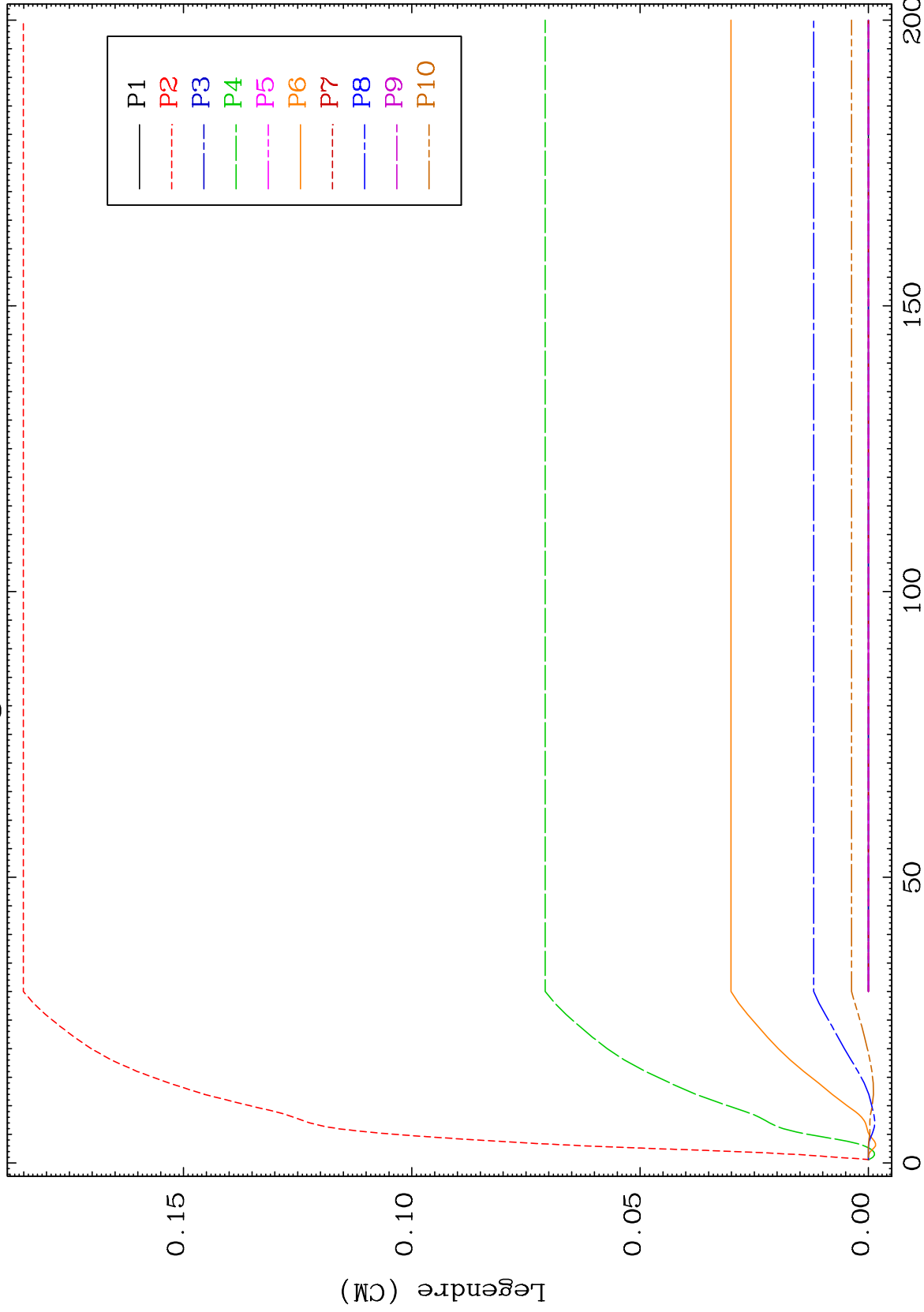
79-Au-187



MAT 7895

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

79-Au-187



72

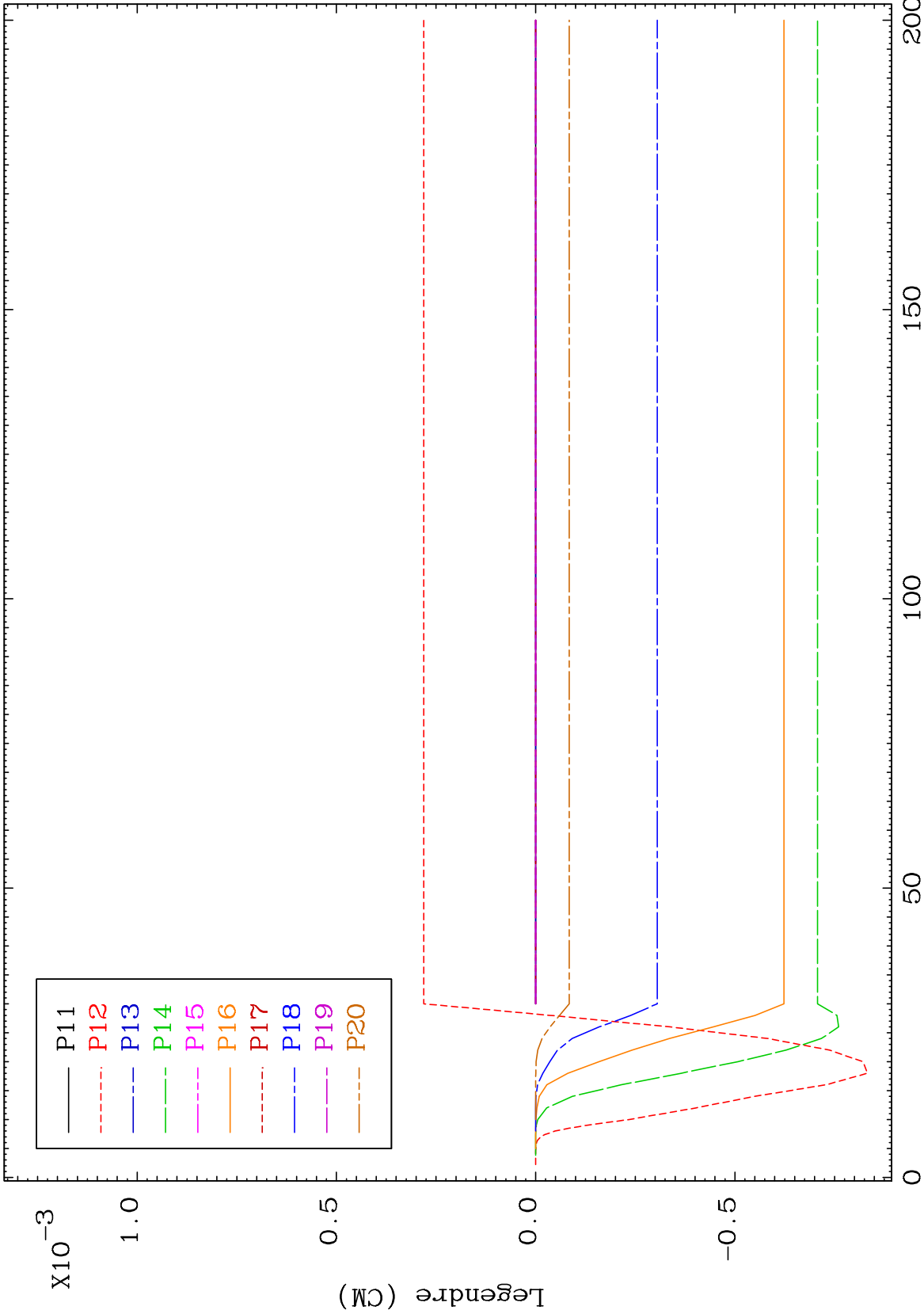
Incident Energy (MeV)

79-Au-187

MAT 7895

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

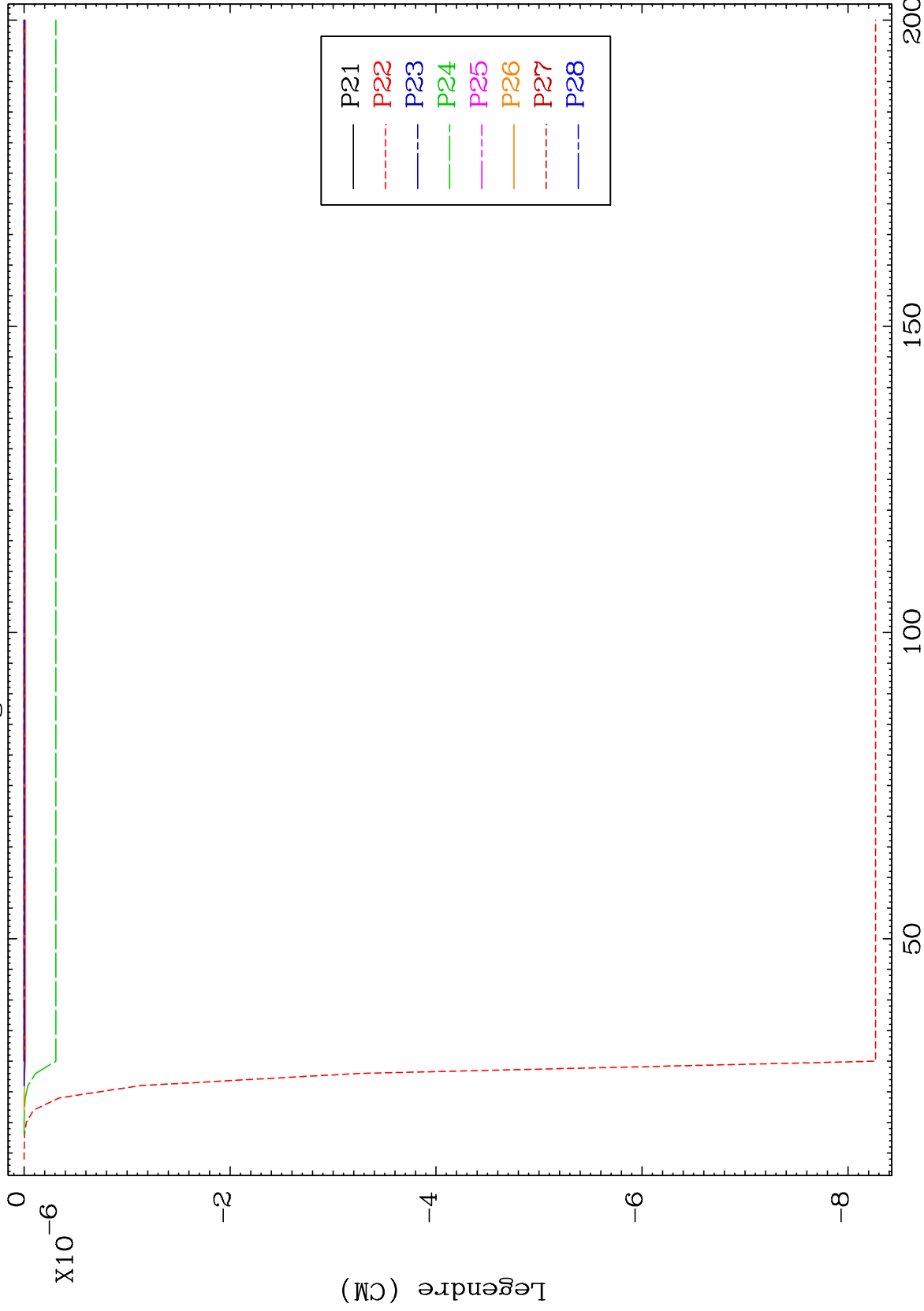
79-Au-187



MAT 7895

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

79-Au-187



74

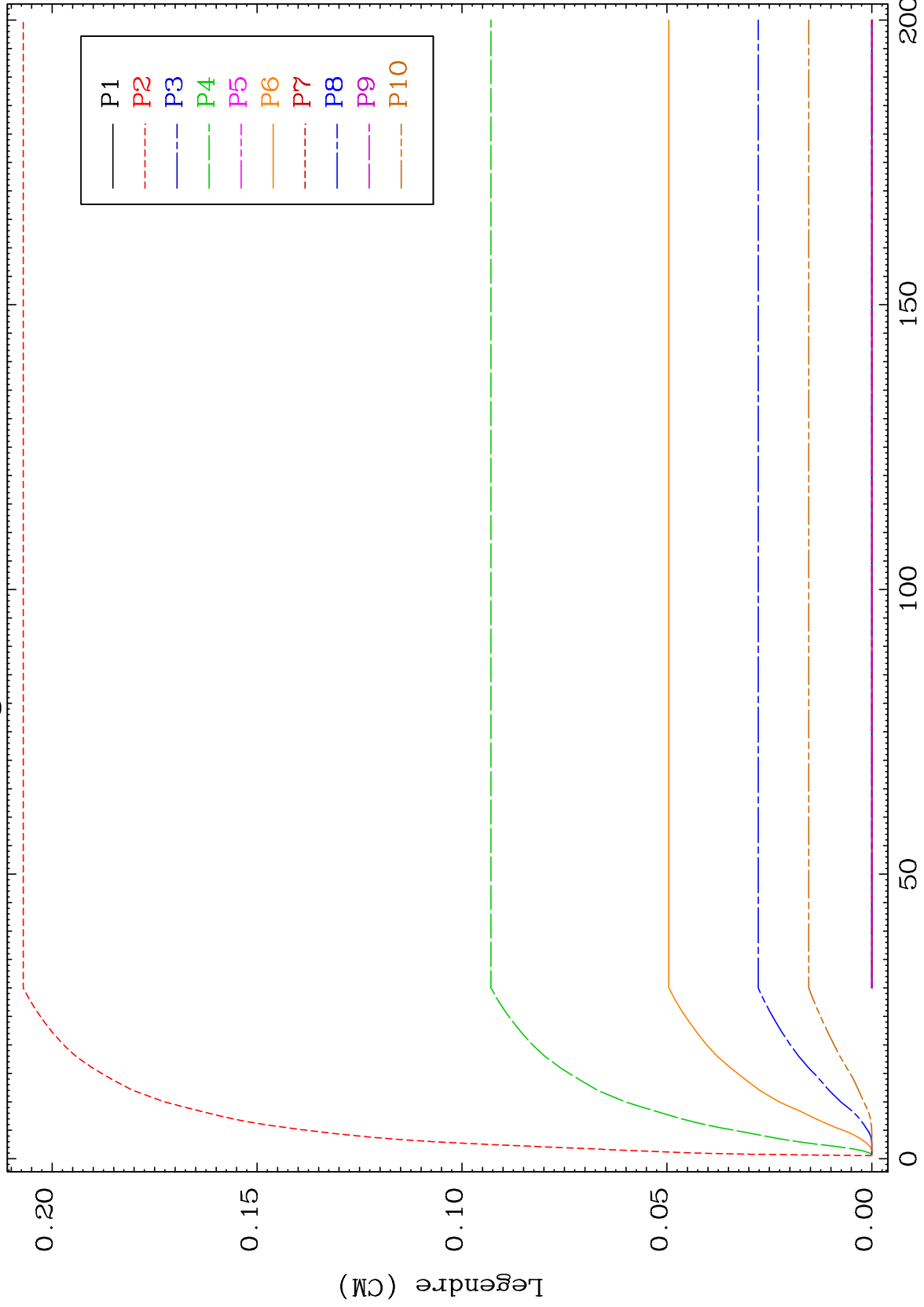
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187

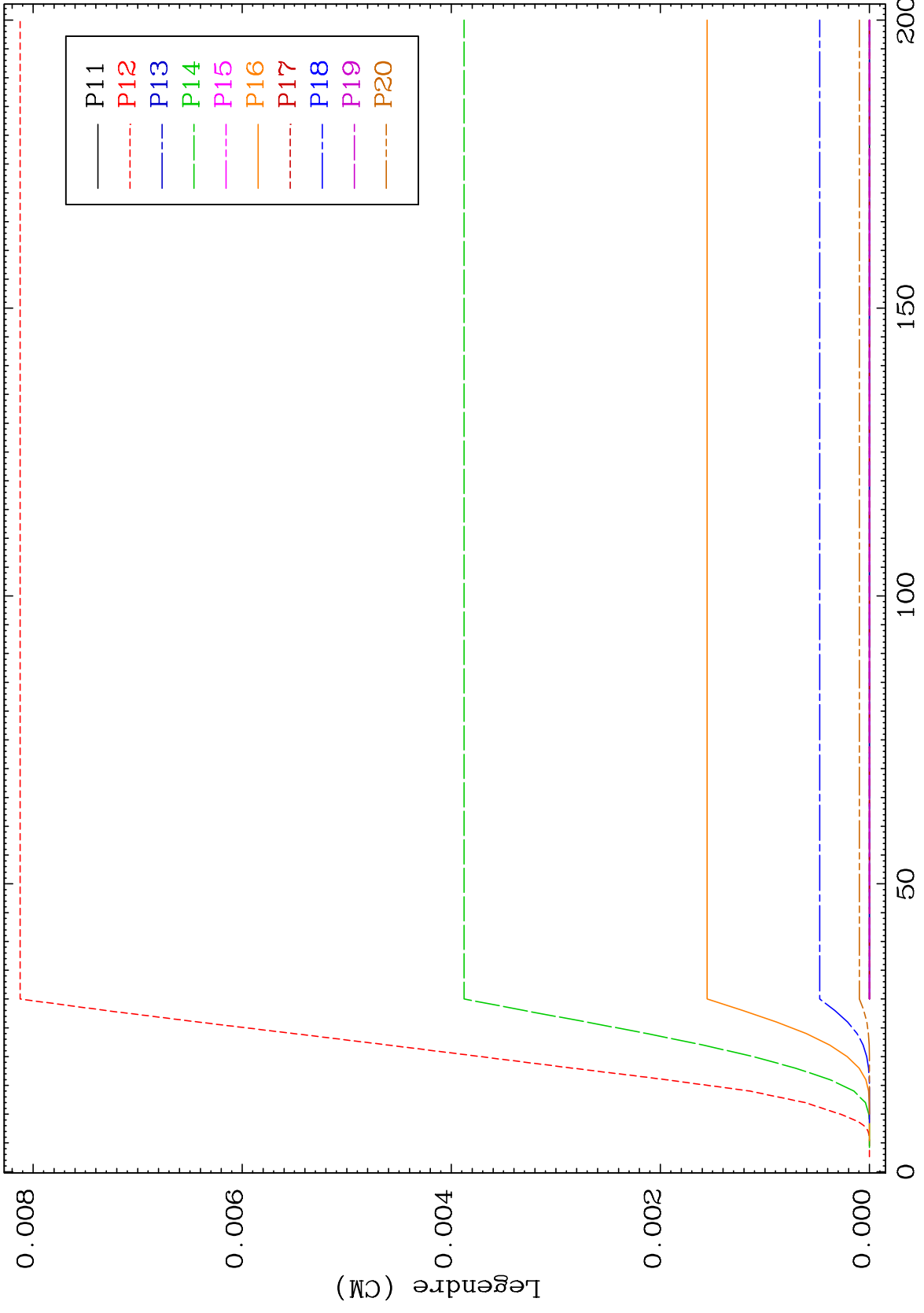


75

Incident Energy (MeV)

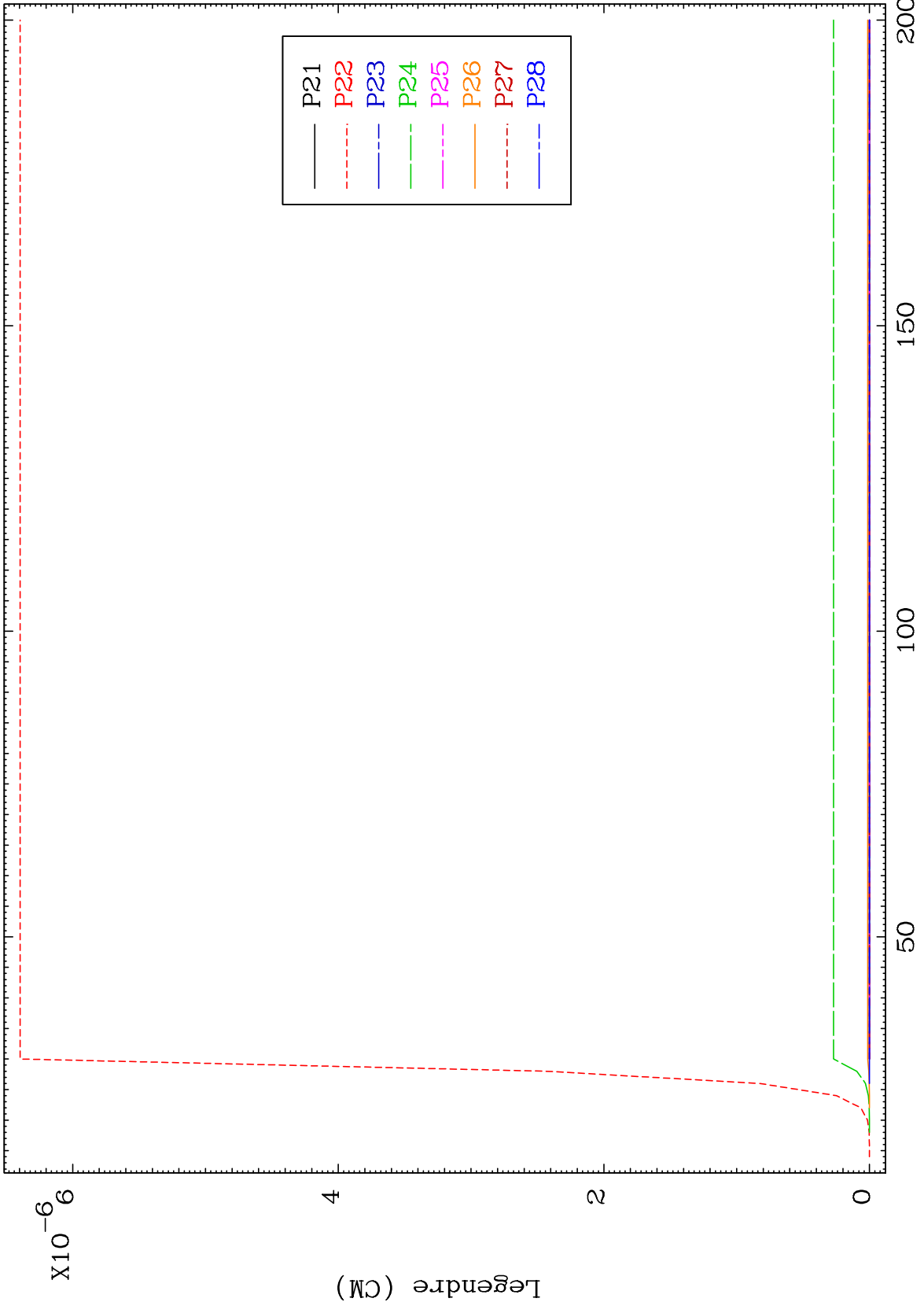
79-Au-187

MAT 7895 MT= 68 (n,n') Level Legendre Coefficients 79-Au-187



76 79-Au-187

MAT 7895 MT= 68 (n,n') Level Legendre Coefficients 79-Au-187

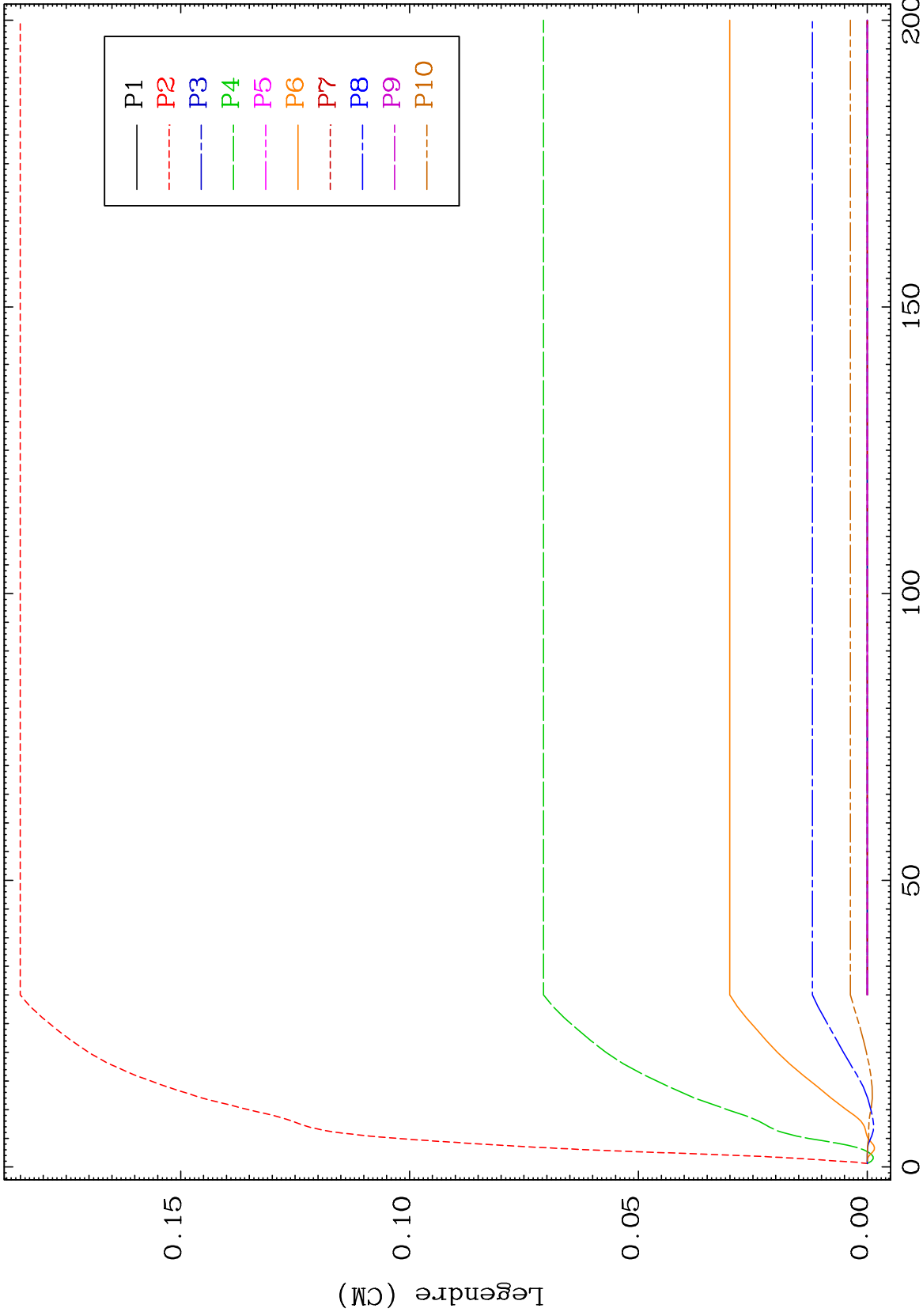


77 79-Au-187

MAT 7895

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

79-Au-187



78

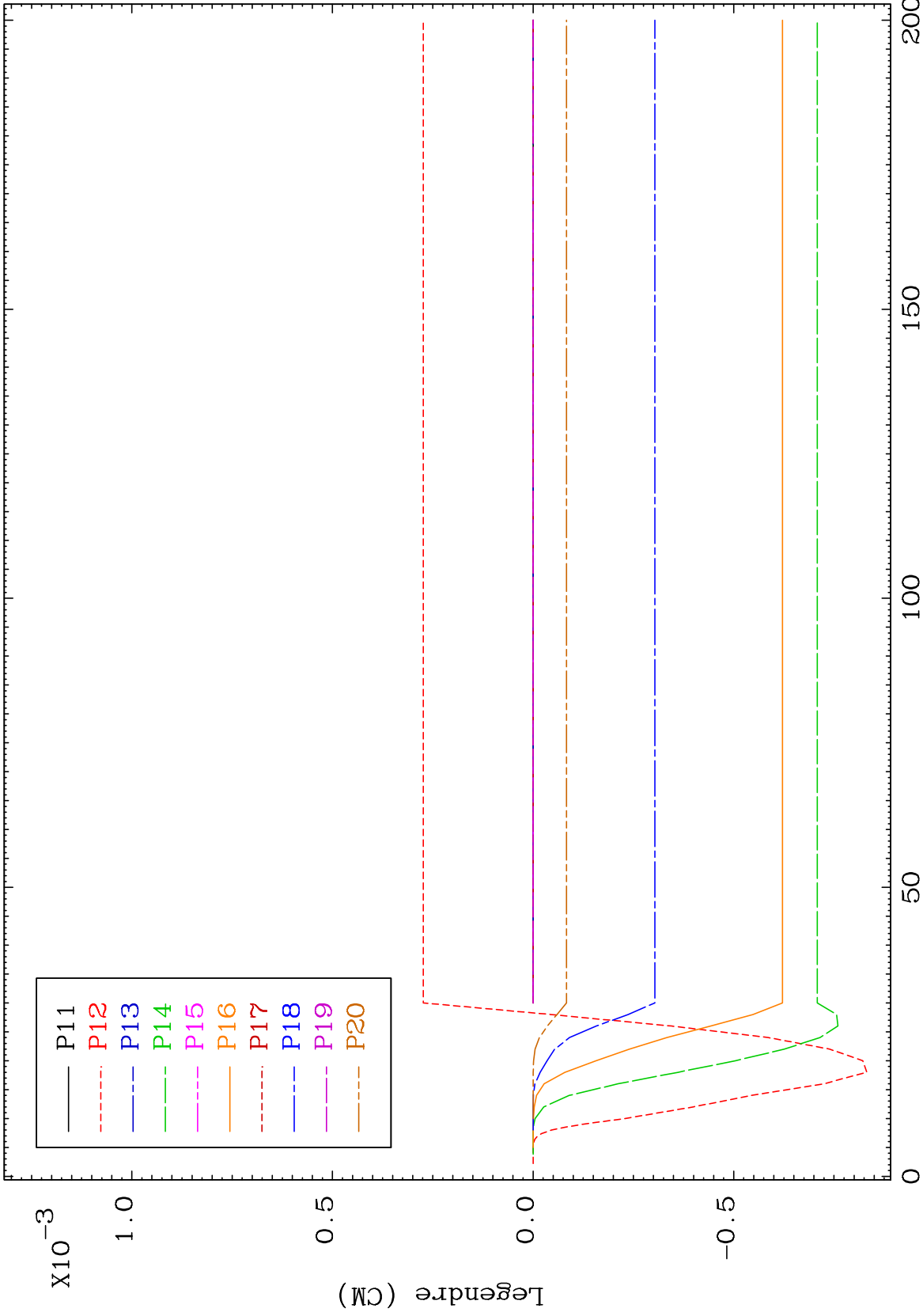
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



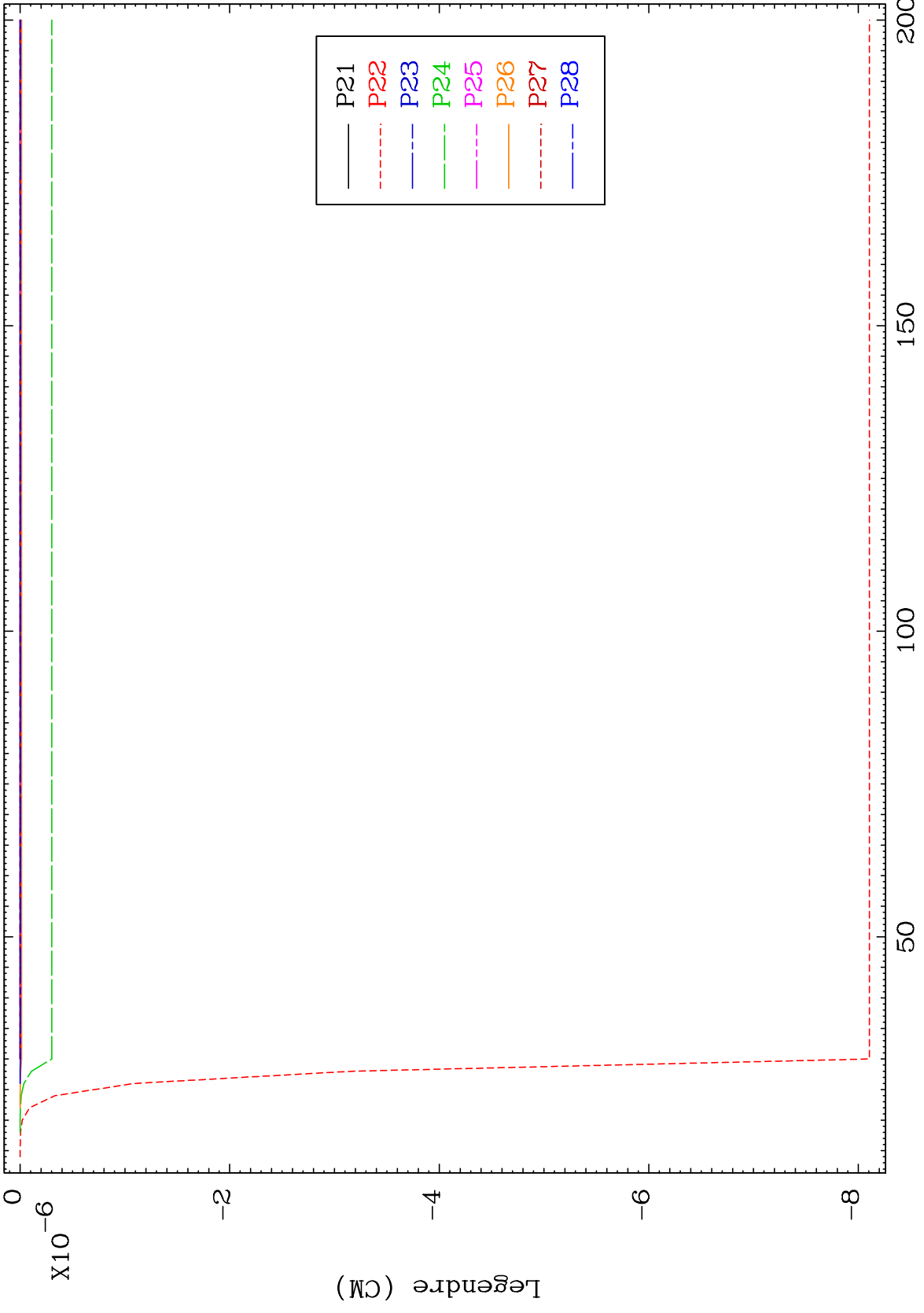
79

Incident Energy (MeV)

79-Au-187



MAT 7895 MT= 69 (n,n') Level Legendre Coefficients 79-Au-187

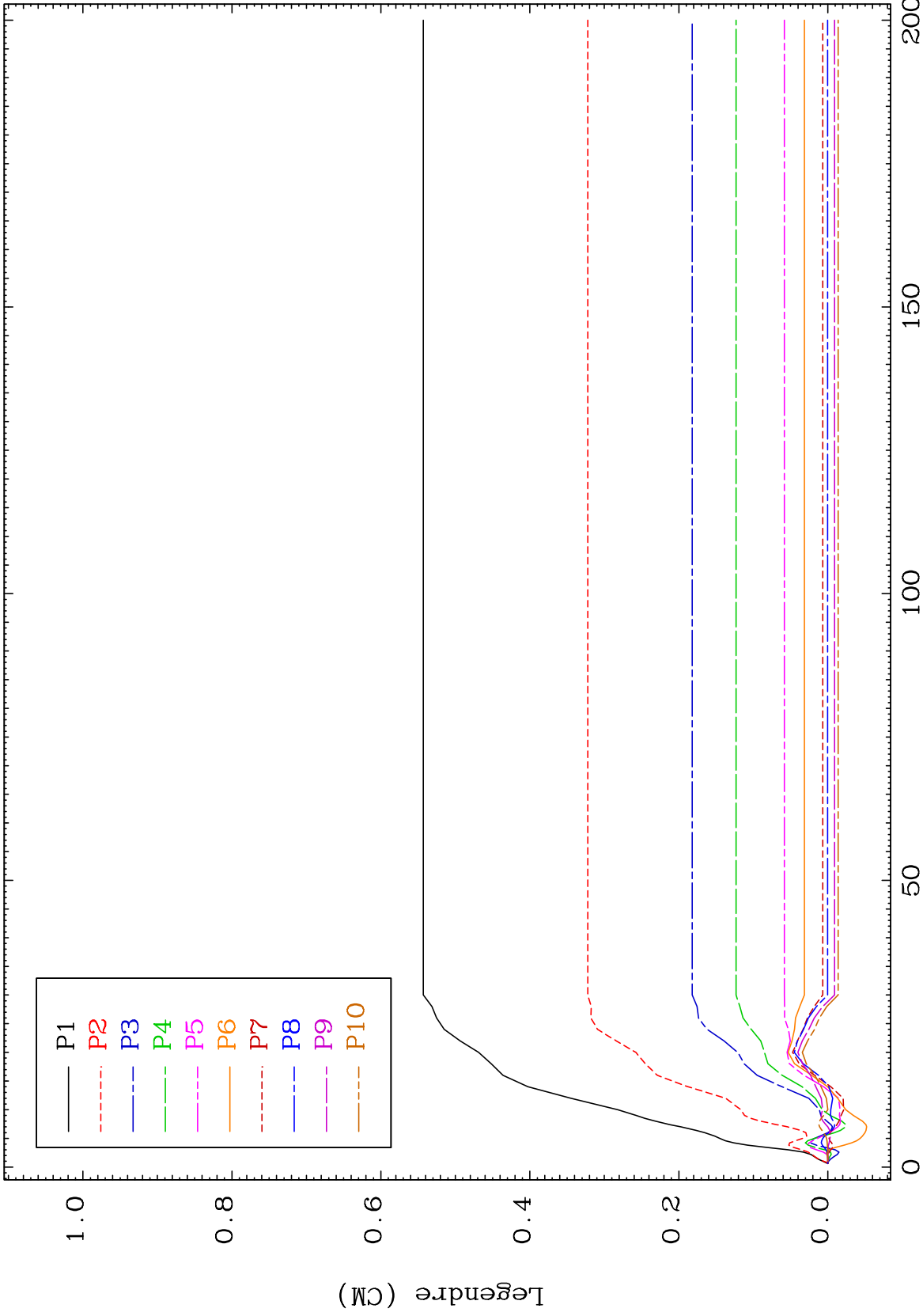


80 Incident Energy (MeV) 79-Au-187

MAT 7895

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

79-Au-187



81

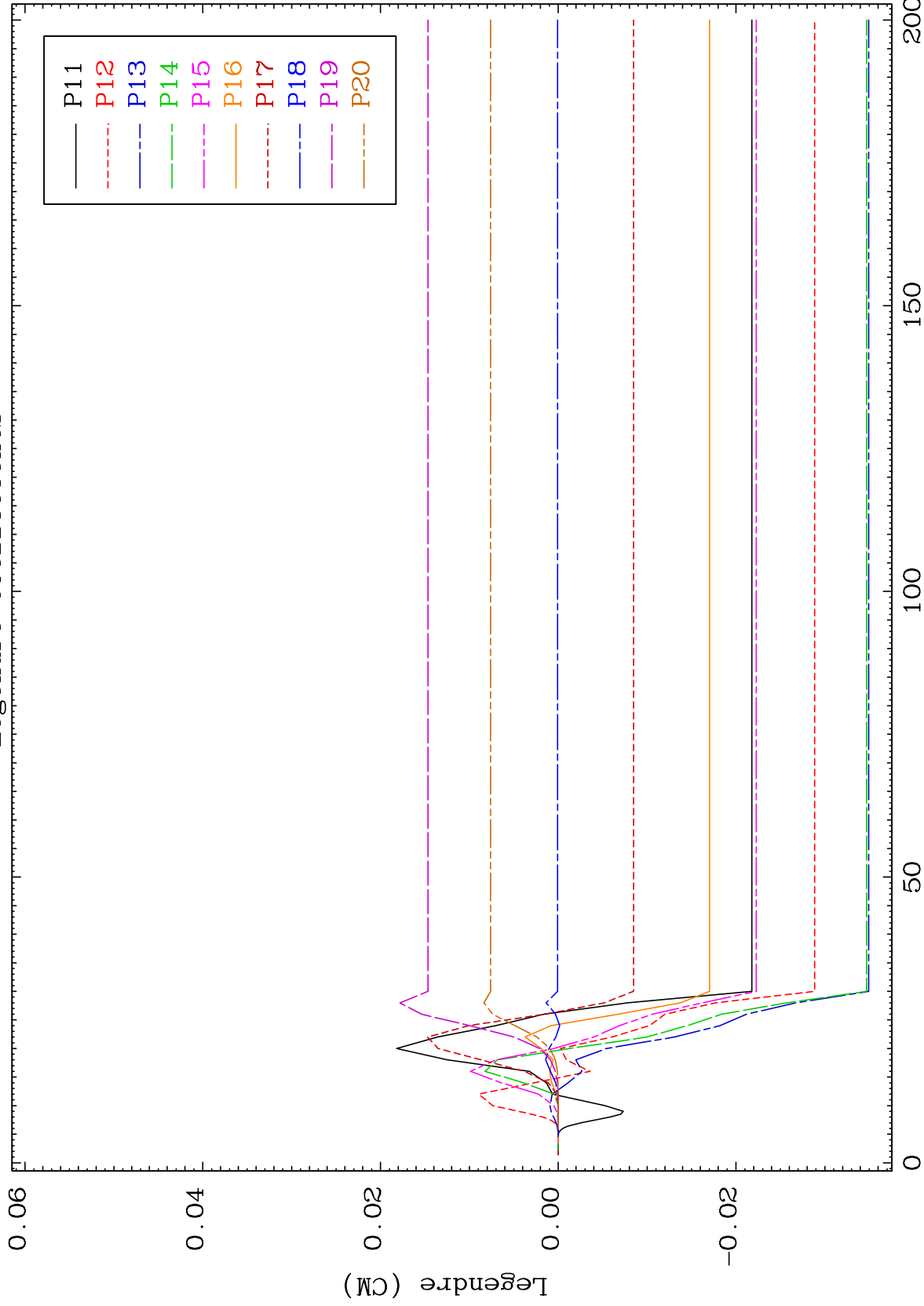
Incident Energy (MeV)

79-Au-187

MAT 7895

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

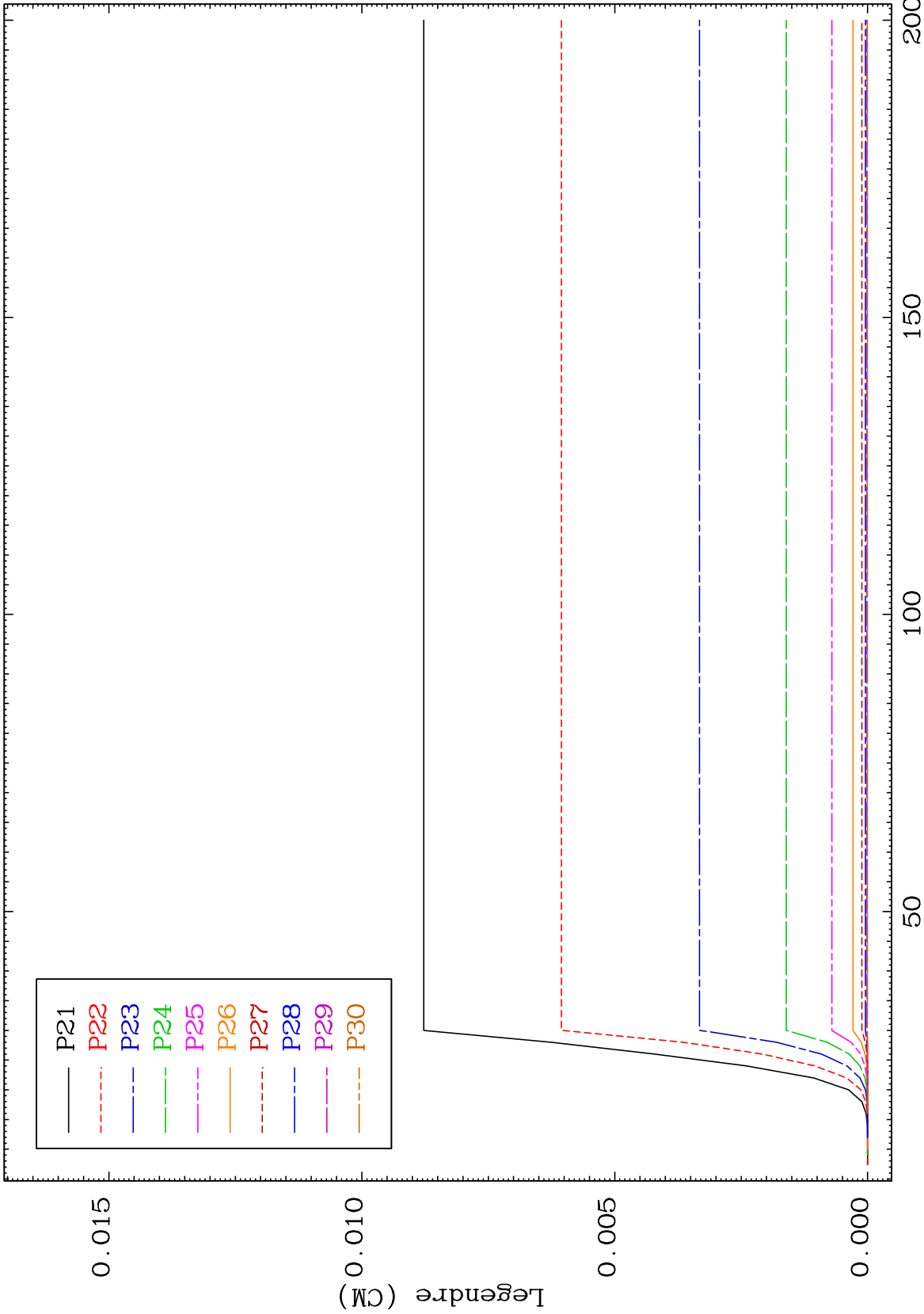
79-Au-187



82

Incident Energy (MeV)

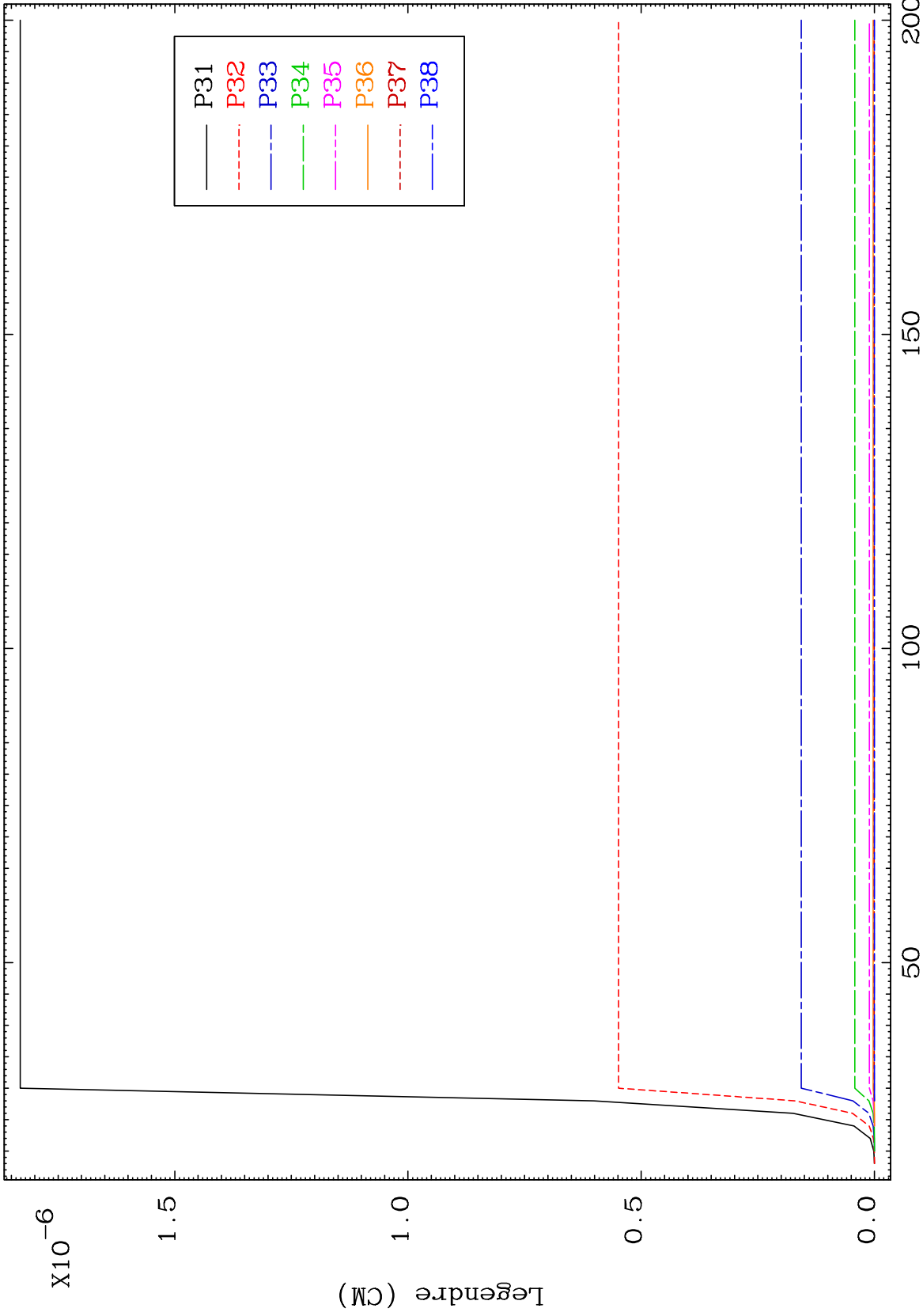
79-Au-187



MAT 7895

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

79-Au-187

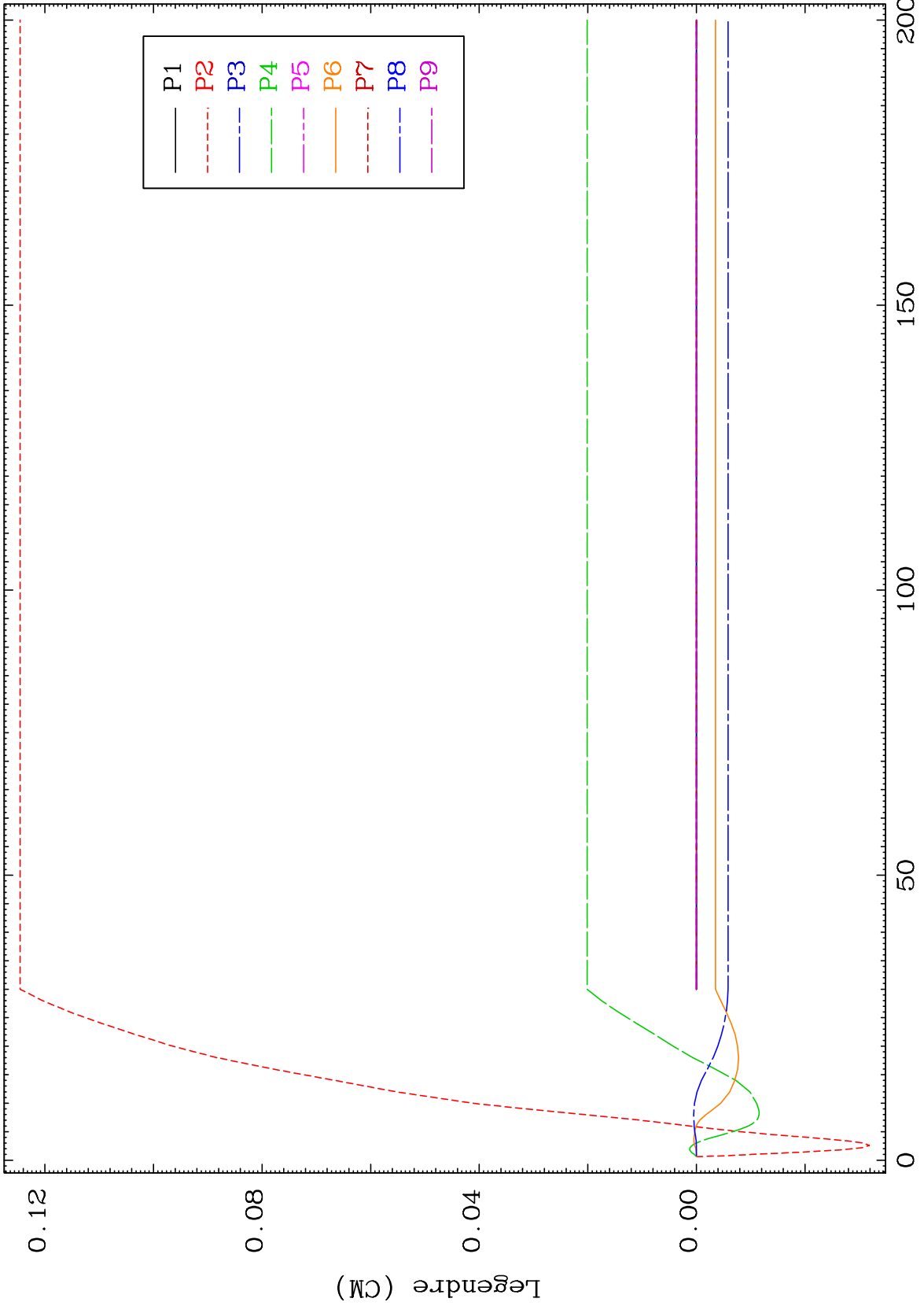


84

Incident Energy (MeV)

79-Au-187

MAT 7895 MT= 71 (n,n') Level Legendre Coefficients 79-Au-187

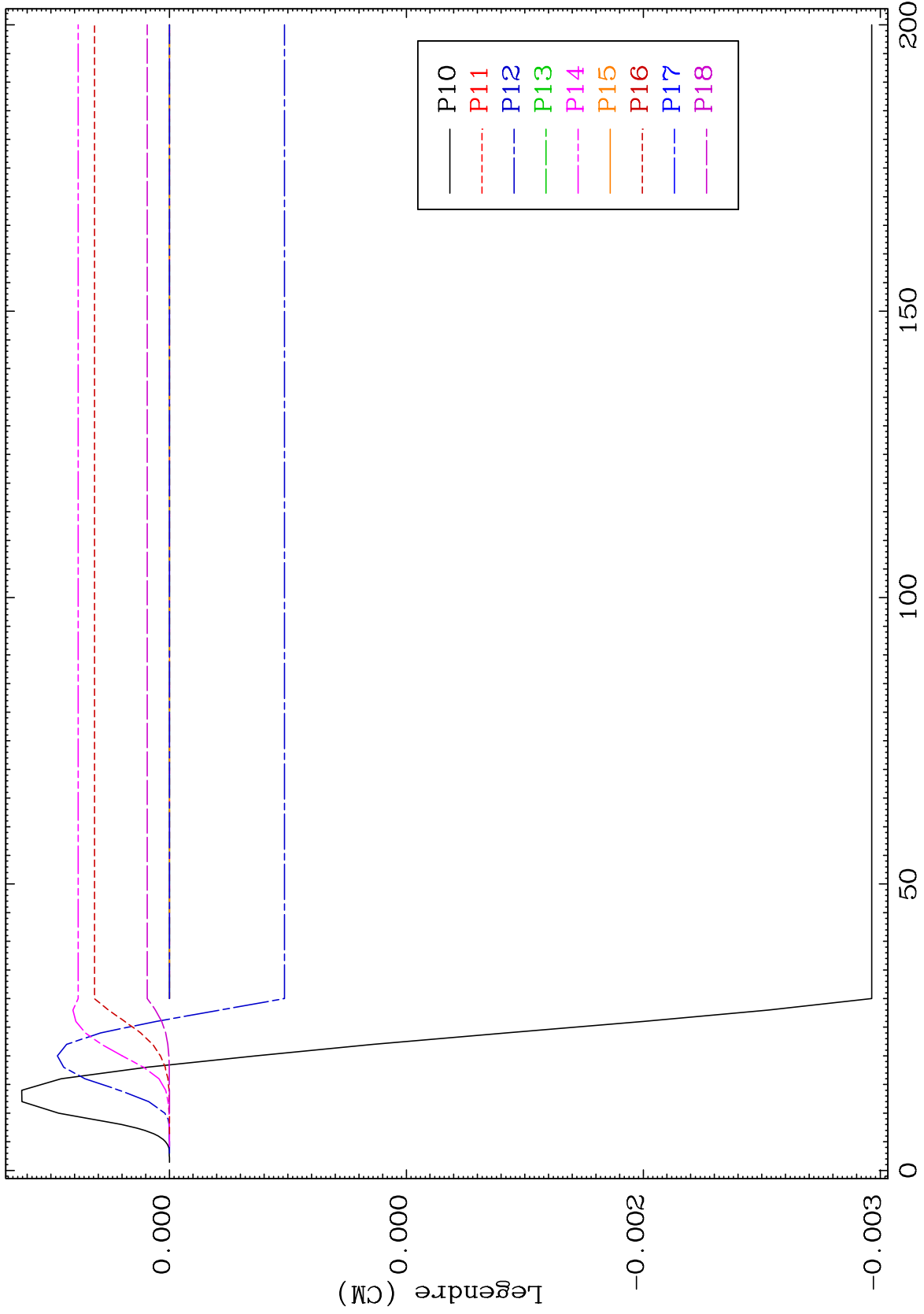


85 Incident Energy (MeV) 79-Au-187

MAT 7895

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

79-Au-187



86

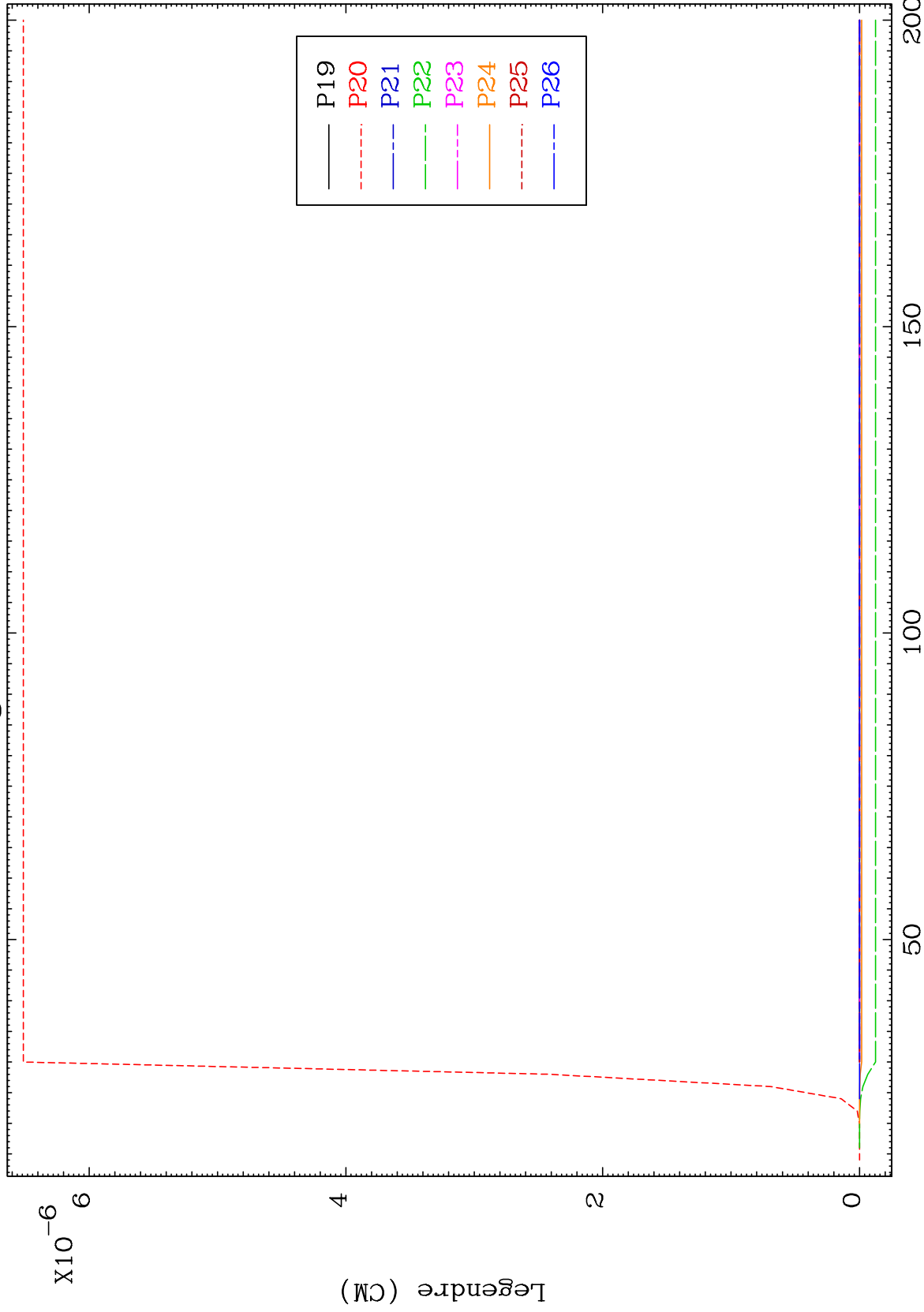
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



87

Incident Energy (MeV)

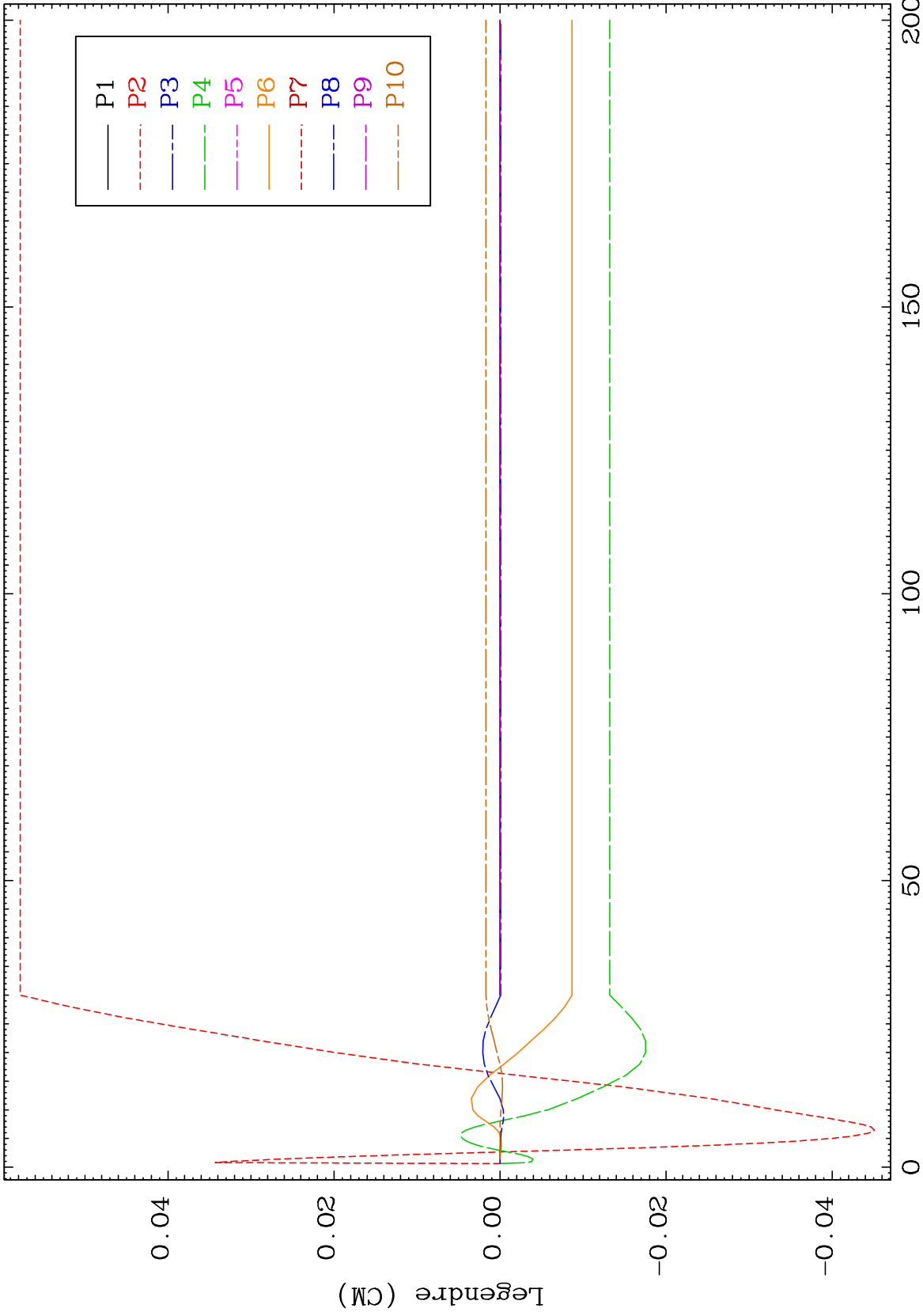
79-Au-187



MAT 7895

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

79-Au-187



88

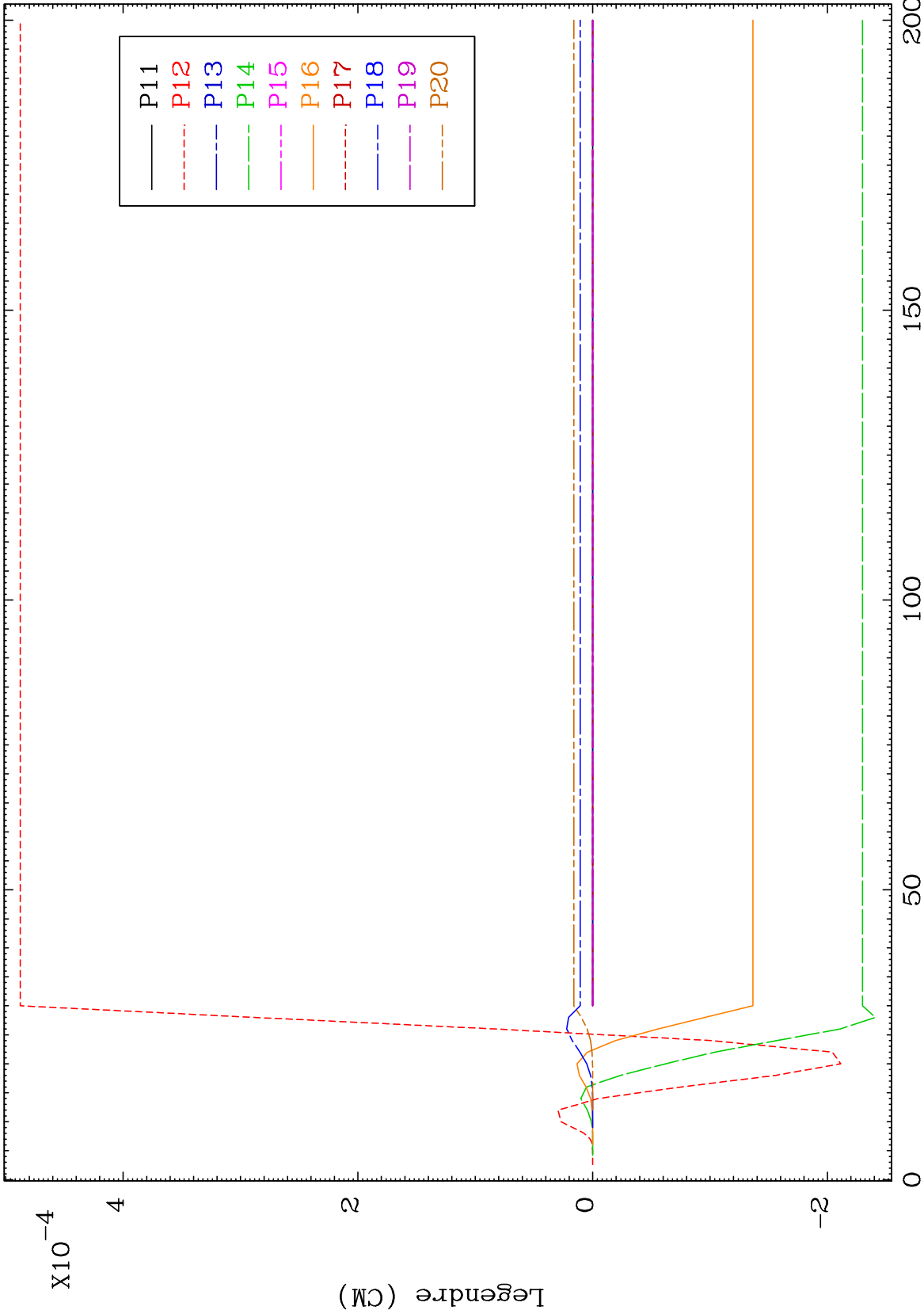
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



89

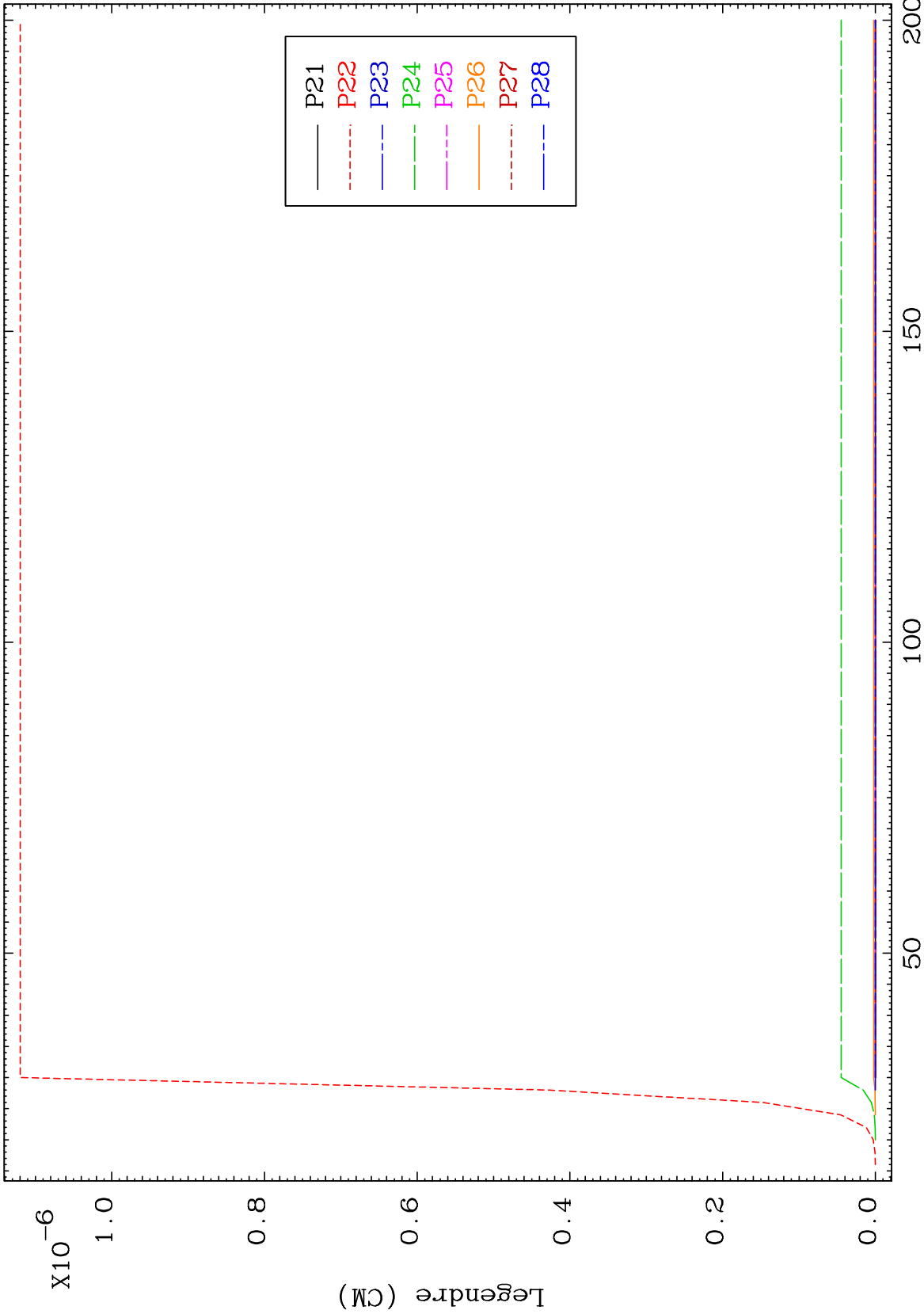
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187

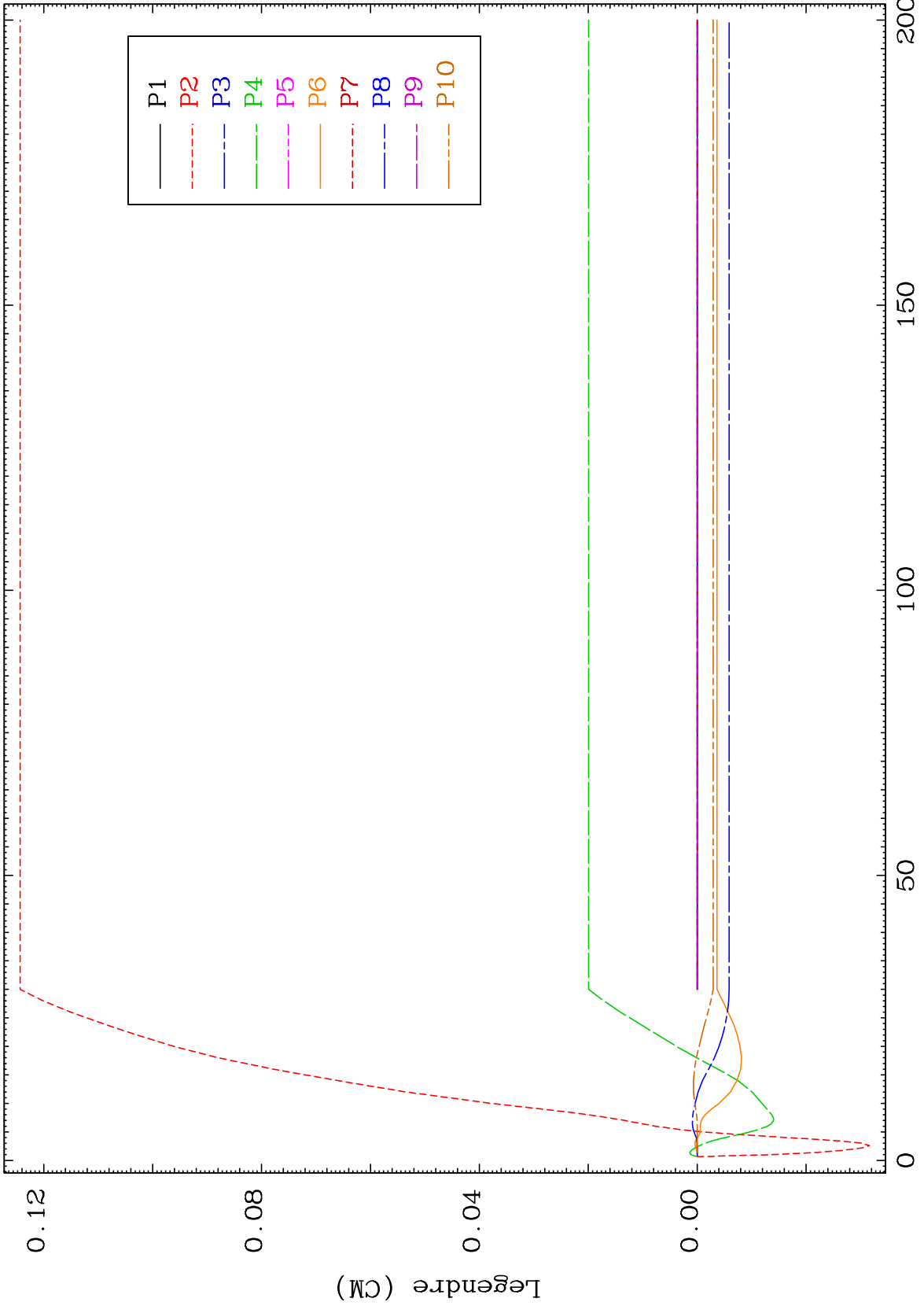


90

Incident Energy (MeV)

79-Au-187

MAT 7895 MT= 73 (n,n') Level Legendre Coefficients 79-Au-187

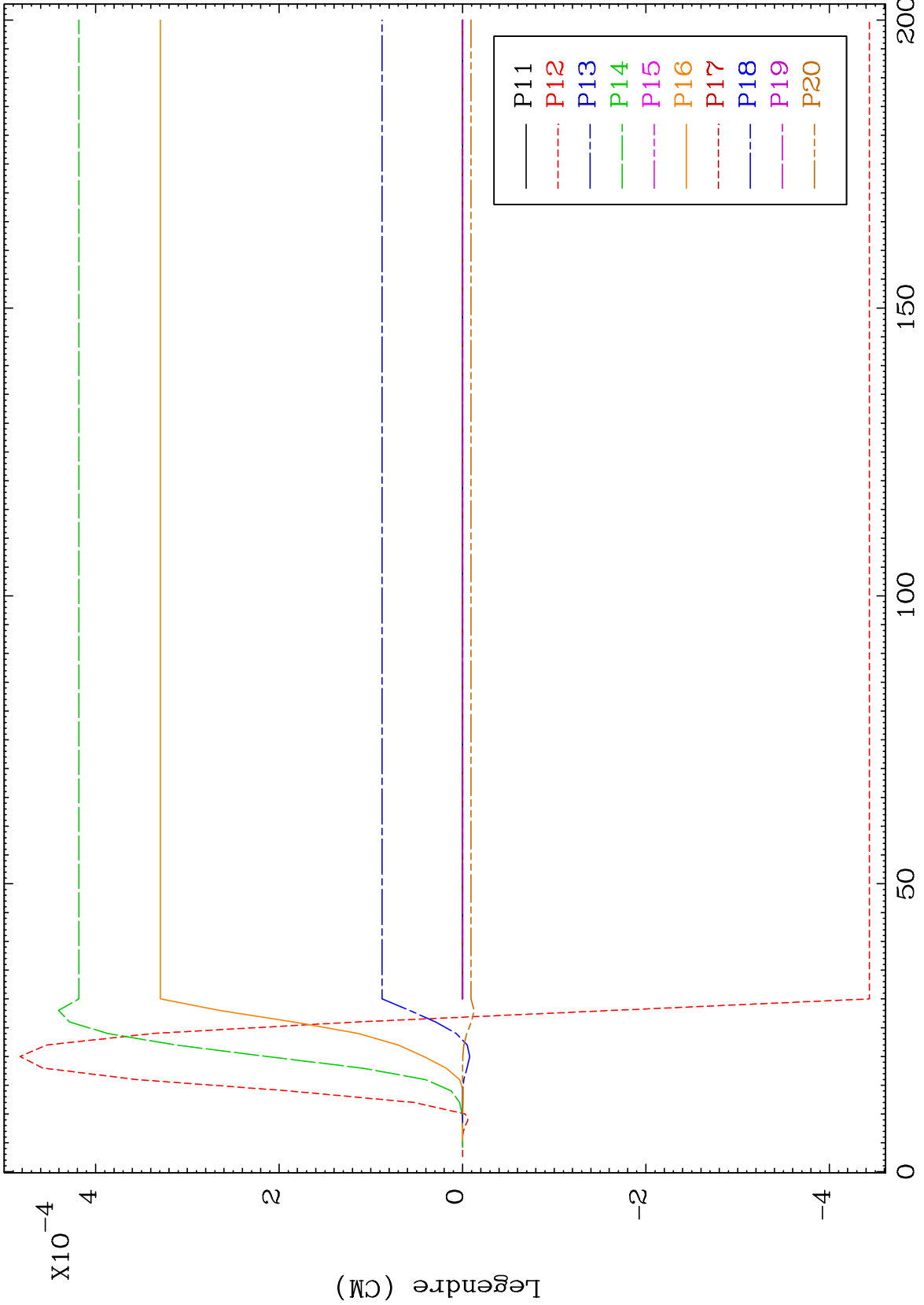


91 79-Au-187

MAT 7895

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

79-Au-187



92

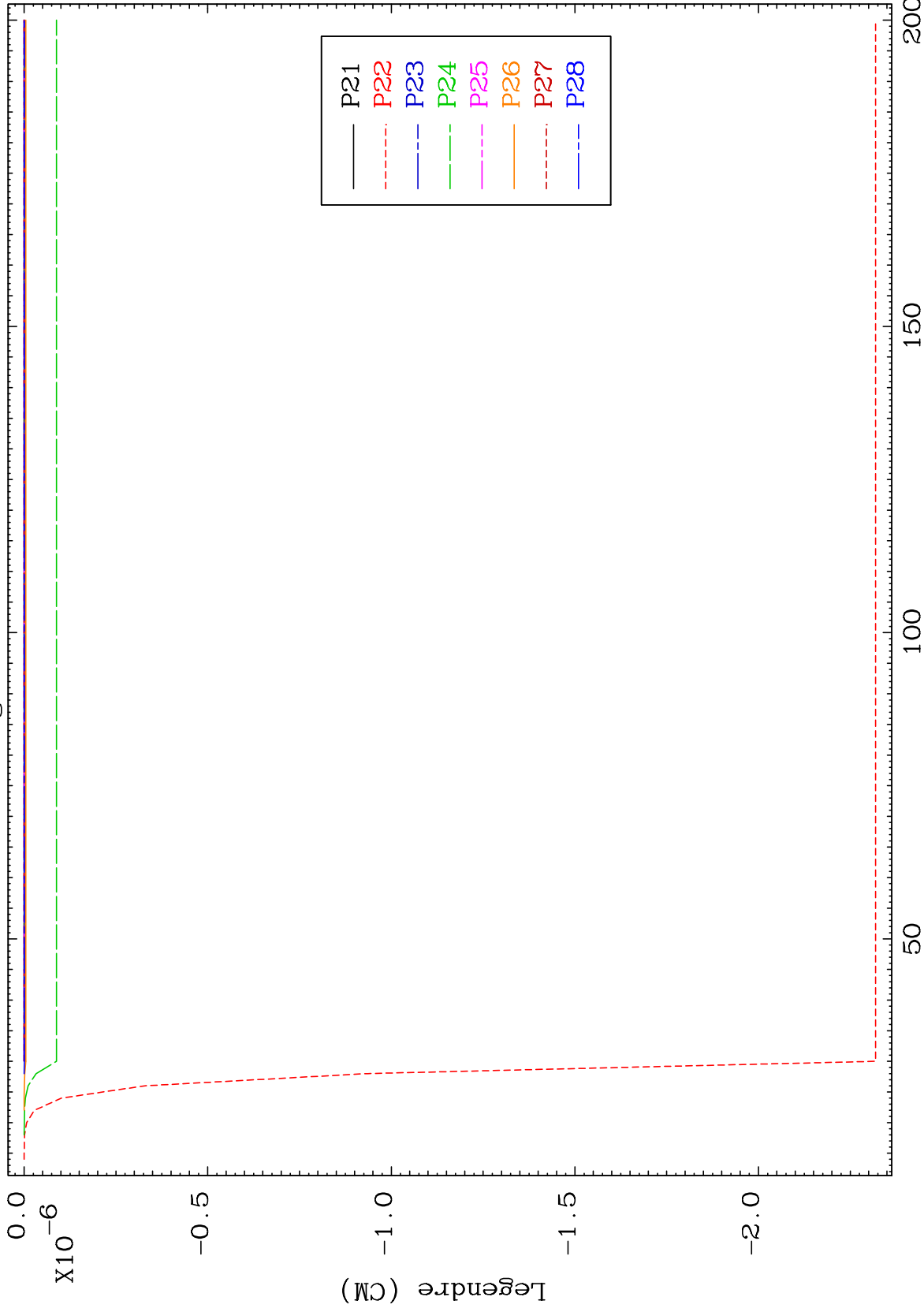
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



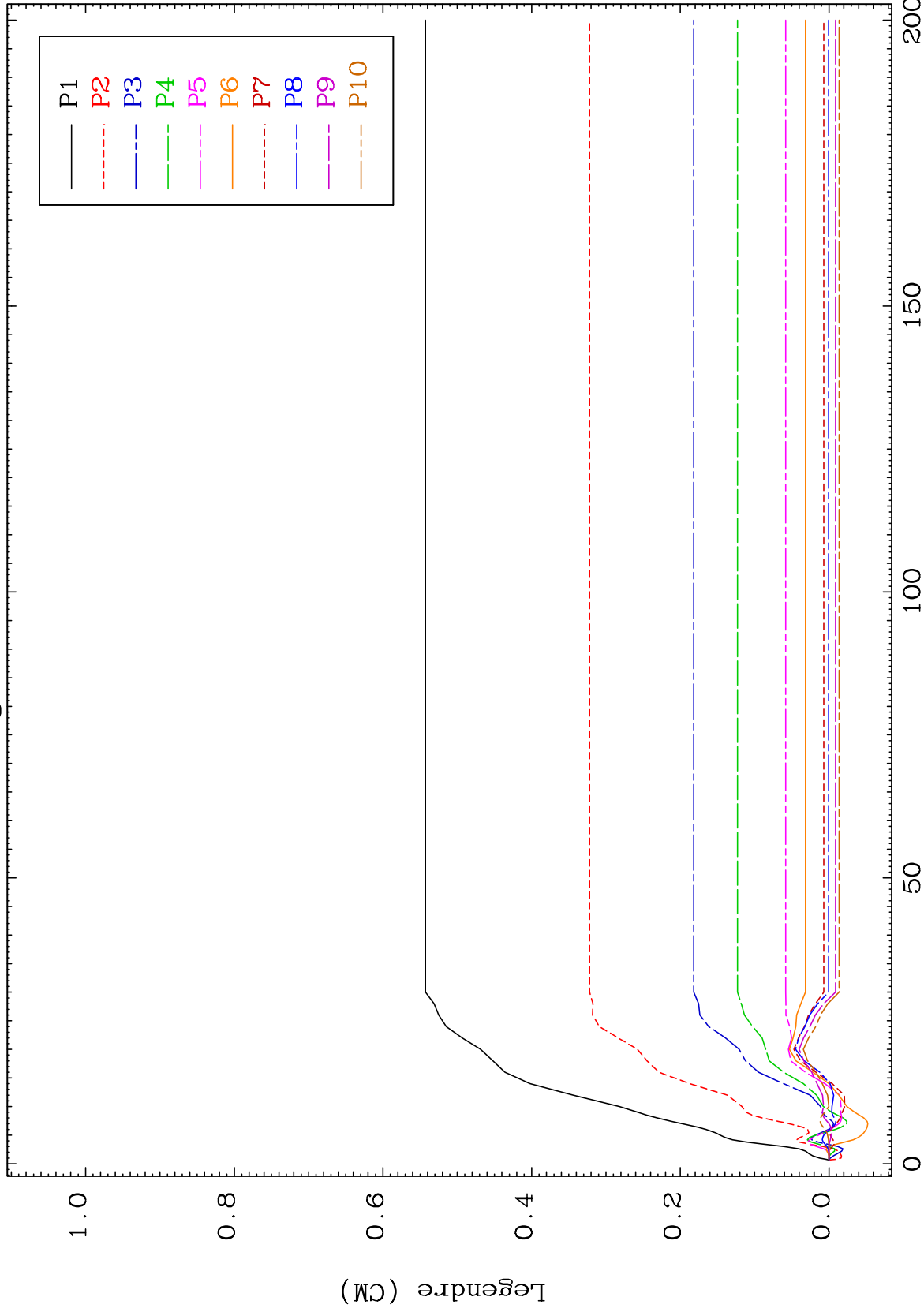
93

79-Au-187

MAT 7895

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

79-Au-187



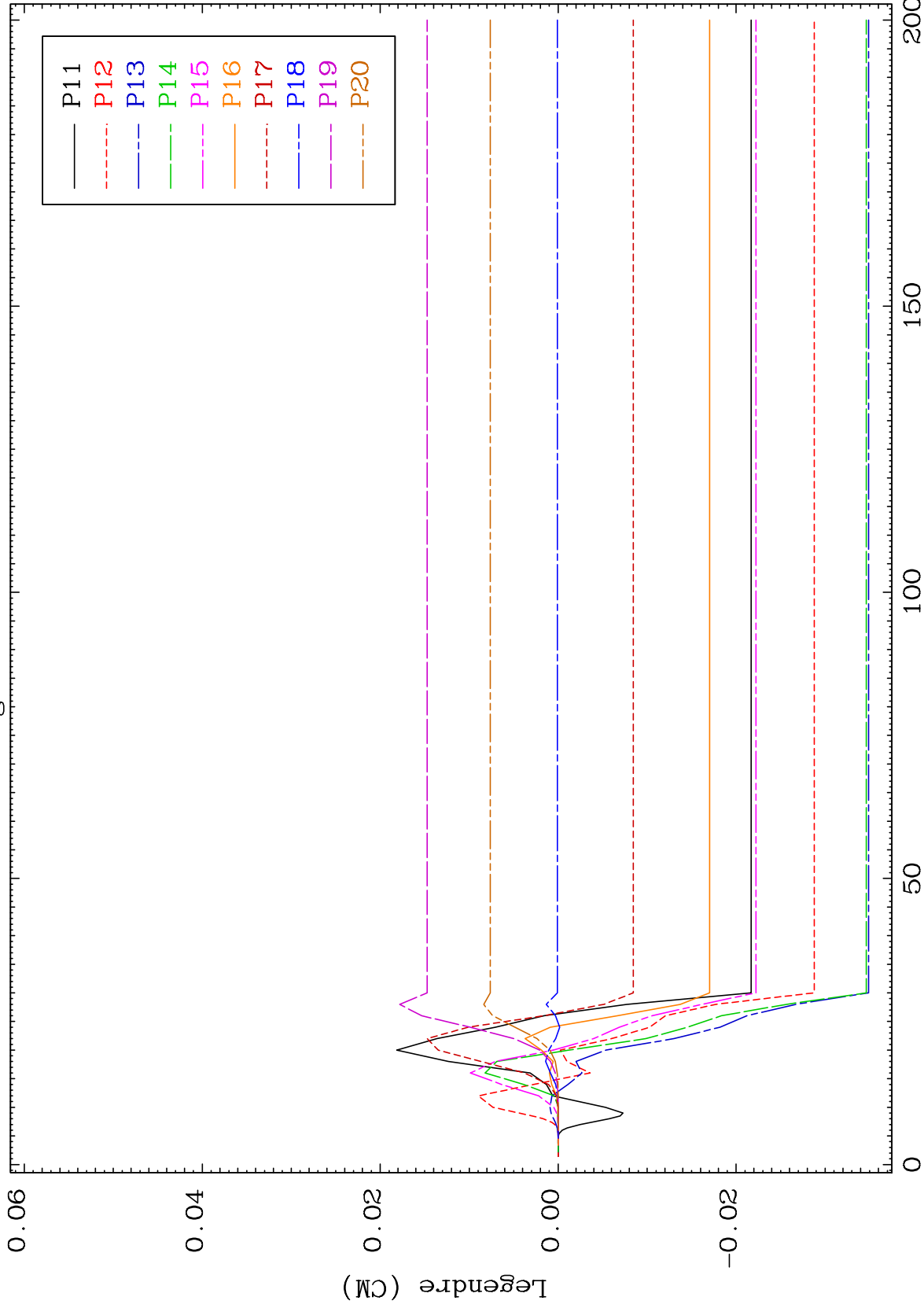
94

79-Au-187

MAT 7895

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

79-Au-187



95

Incident Energy (MeV)

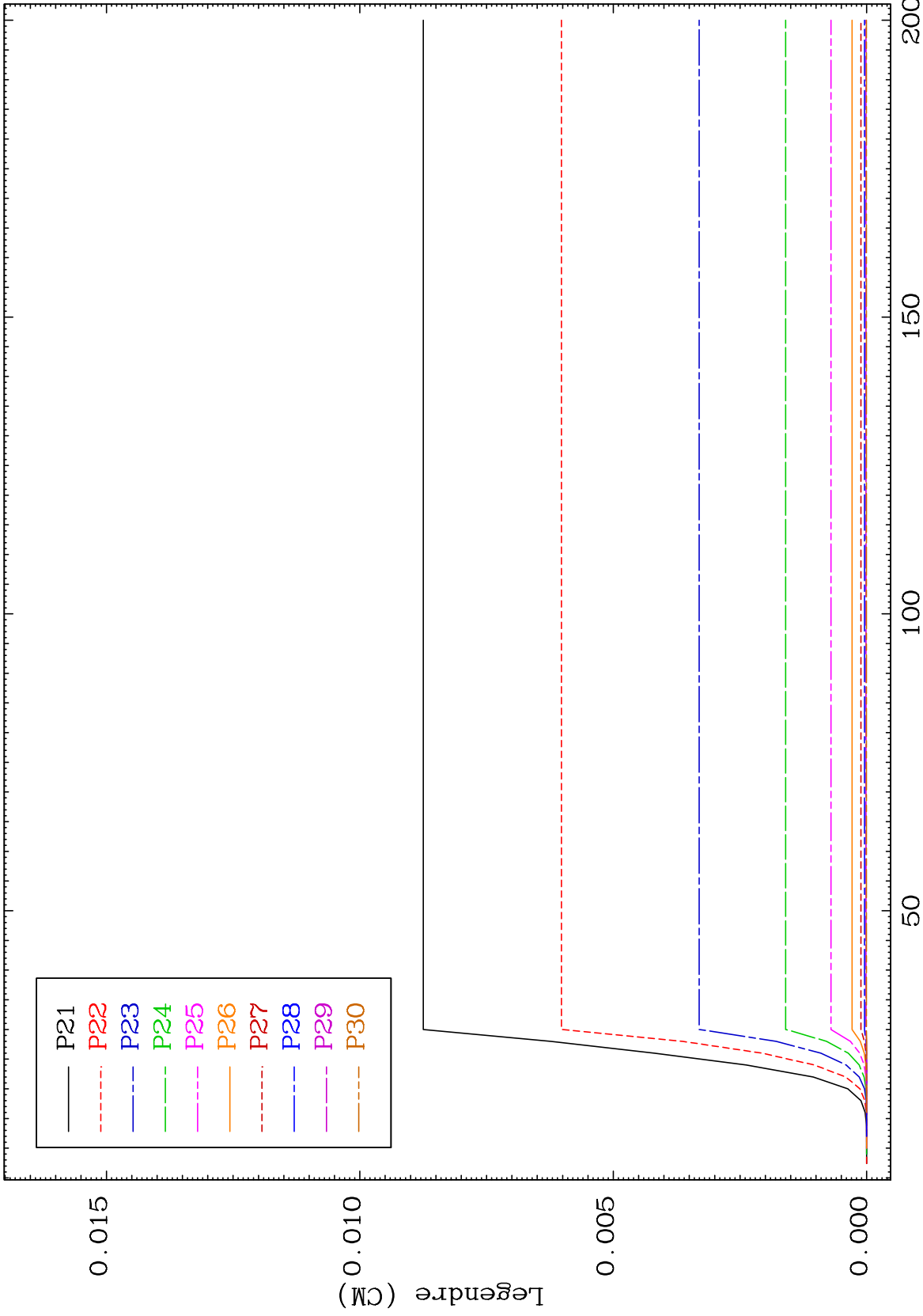
79-Au-187



MAT 7895

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

79-Au-187



96

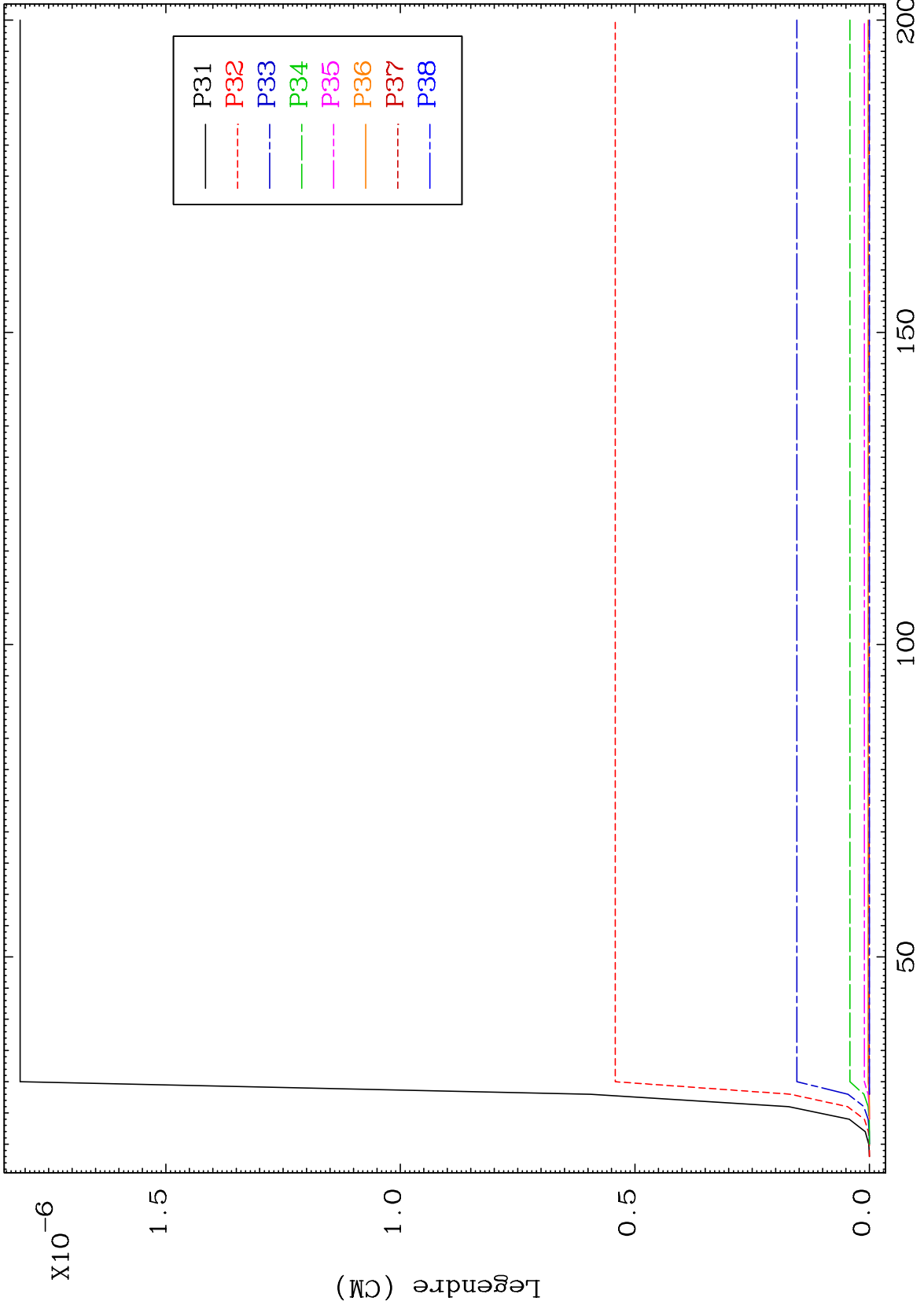
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187

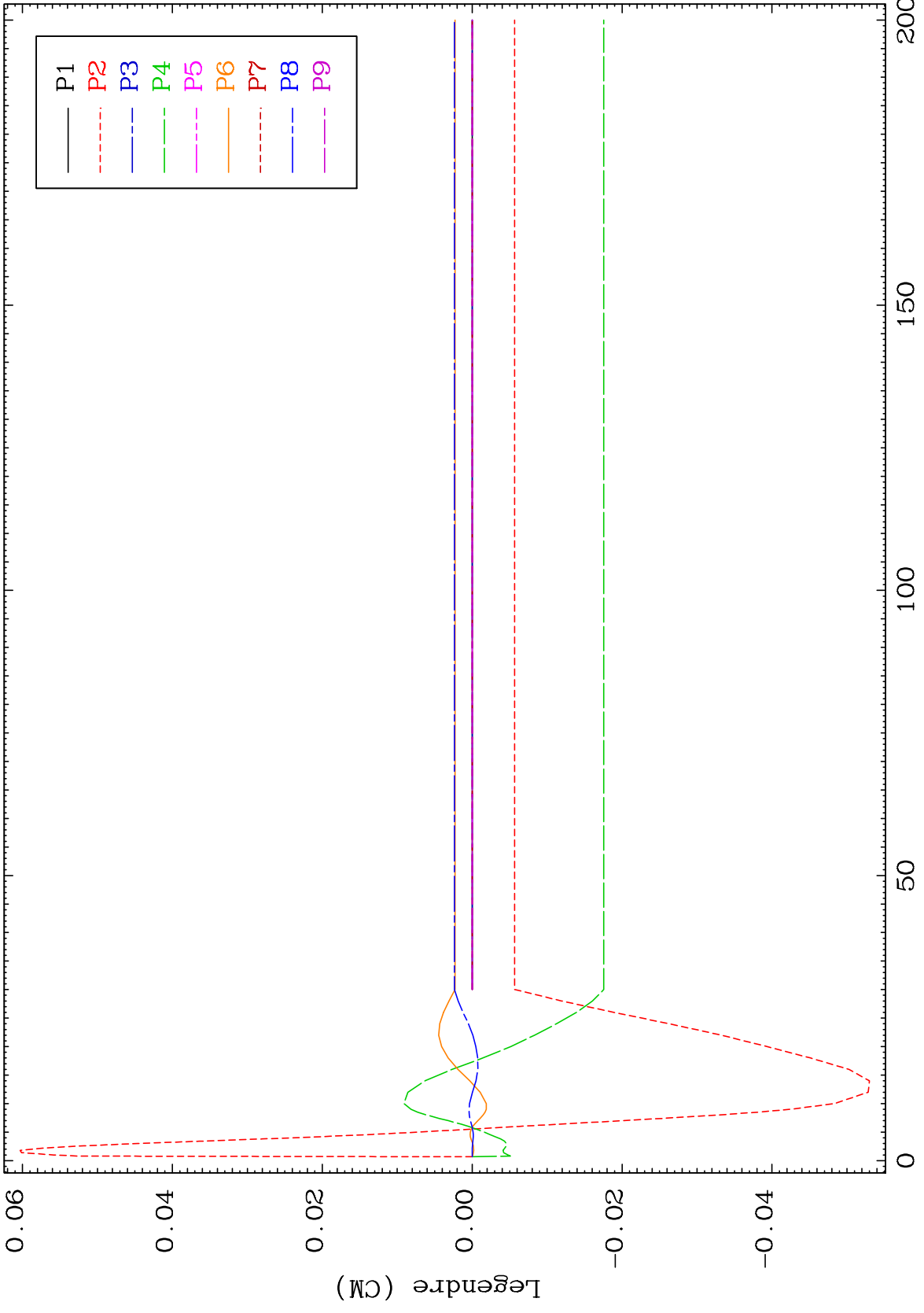


97

Incident Energy (MeV)

79-Au-187

MAT 7895 MT= 75 (n,n') Level Legendre Coefficients 79-Au-187

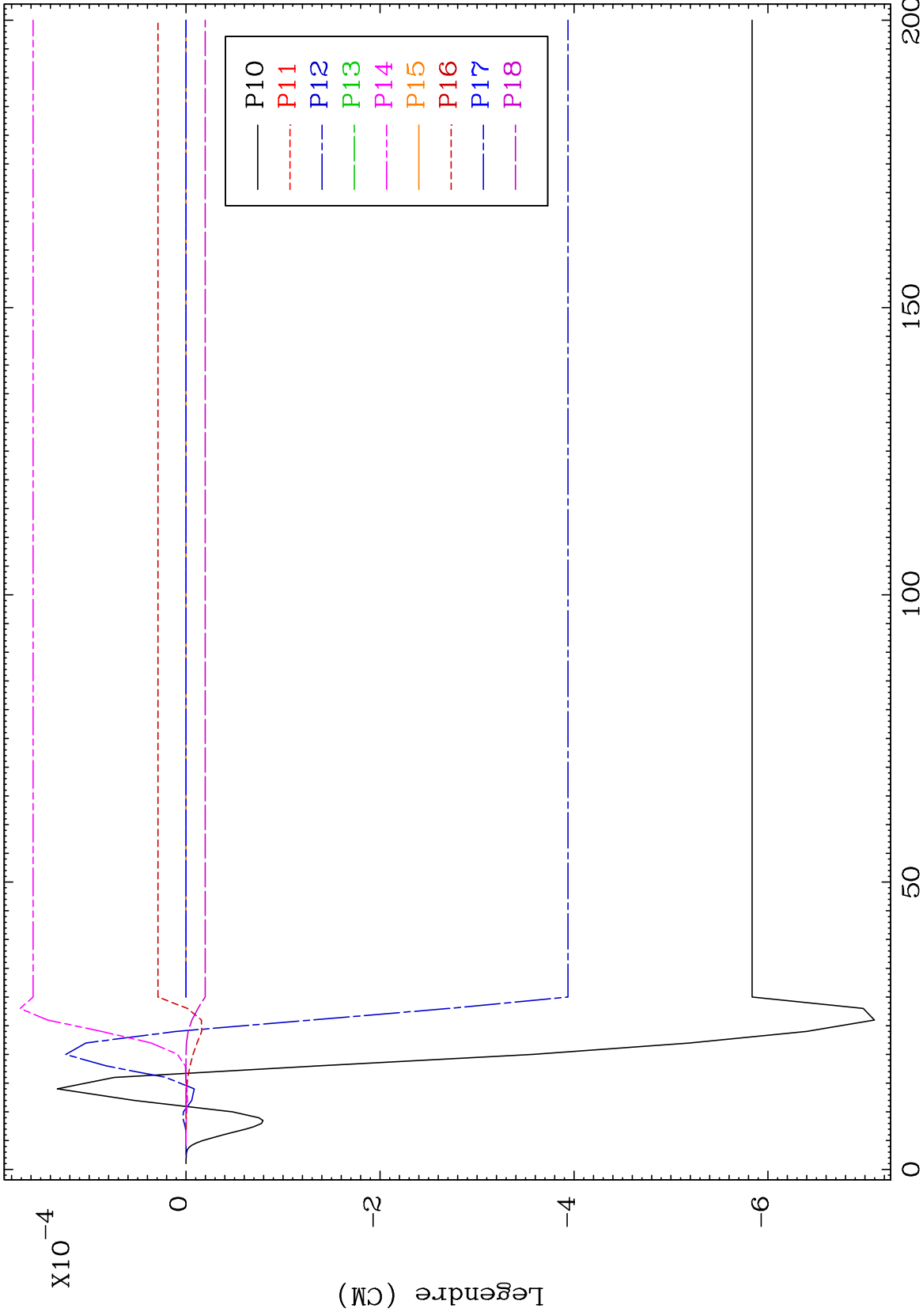


98 Incident Energy (MeV) 79-Au-187

MAT 7895

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

79-Au-187



99

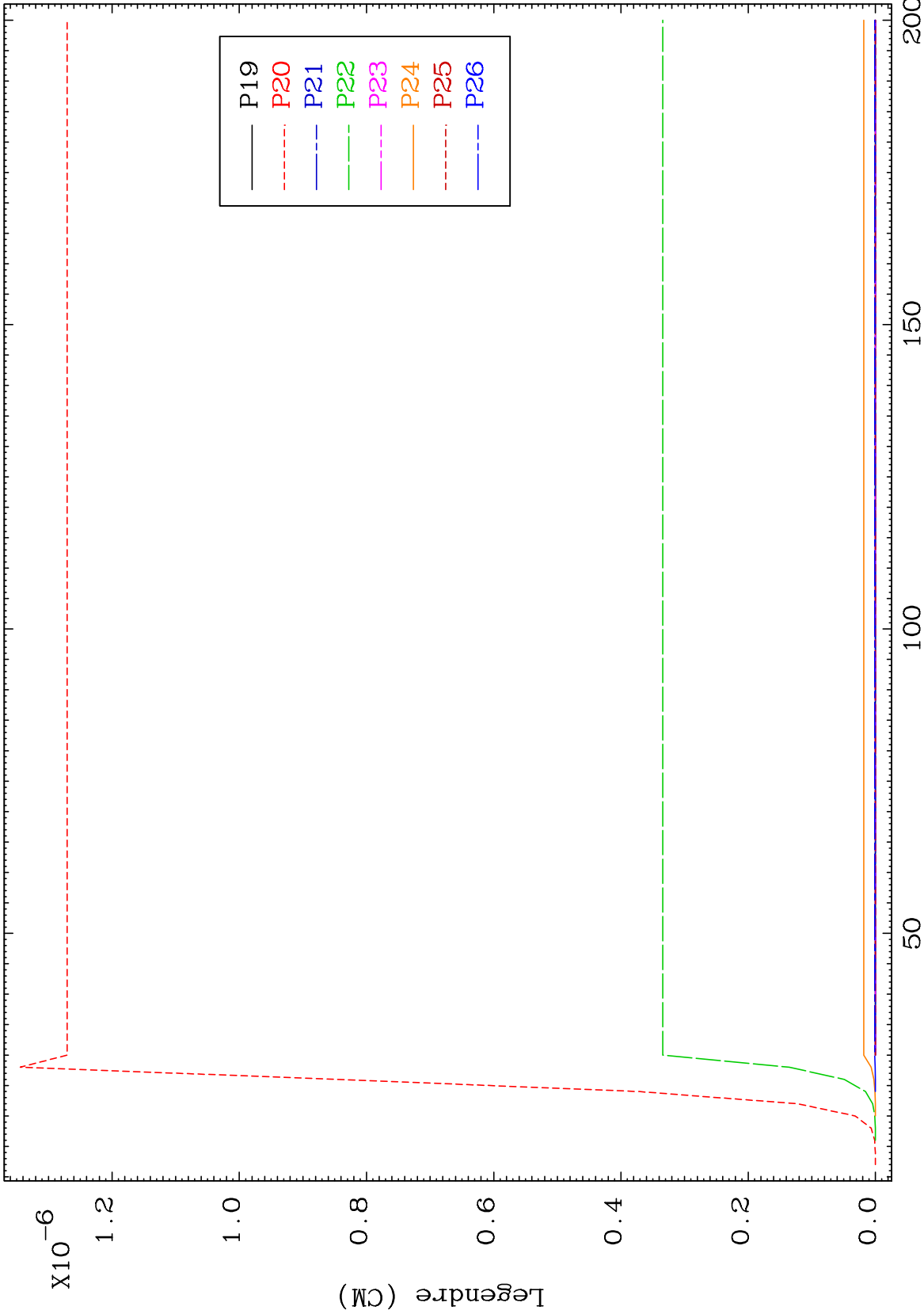
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



79-Au-187

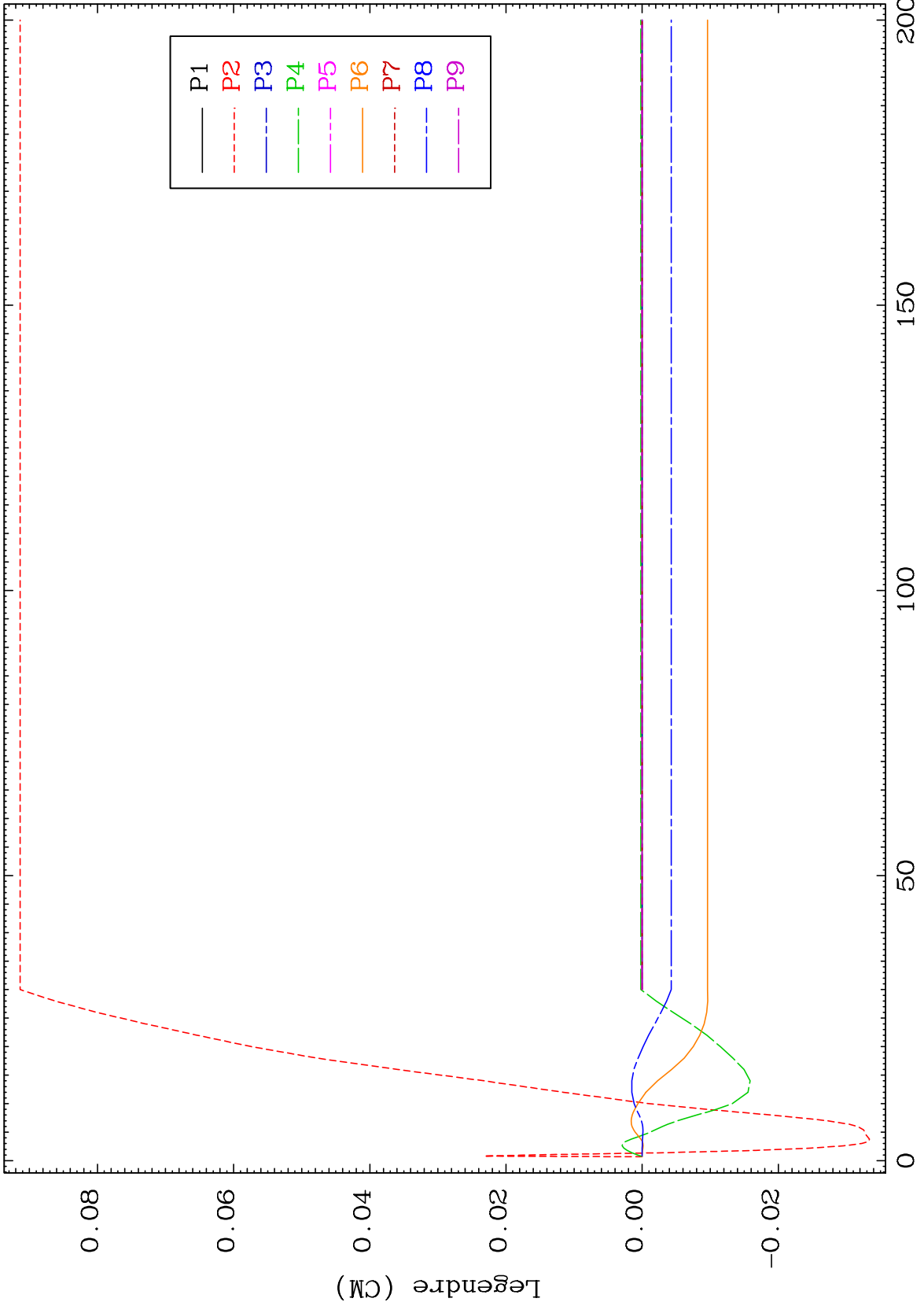
Incident Energy (MeV)

100

MAT 7895

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

79-Au-187



79-Au-187

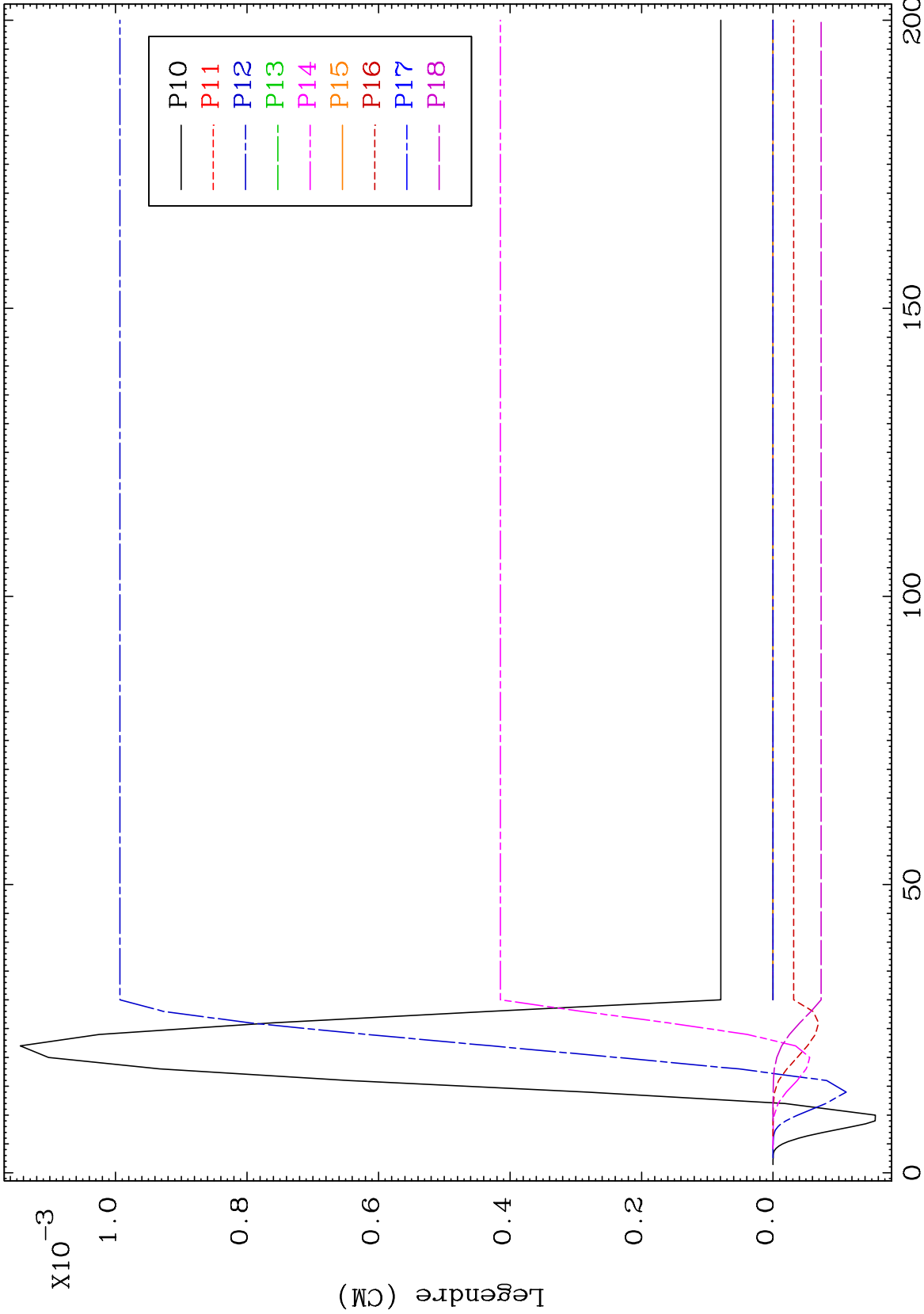
Incident Energy (MeV)

101

MAT 7895

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

79-Au-187



102

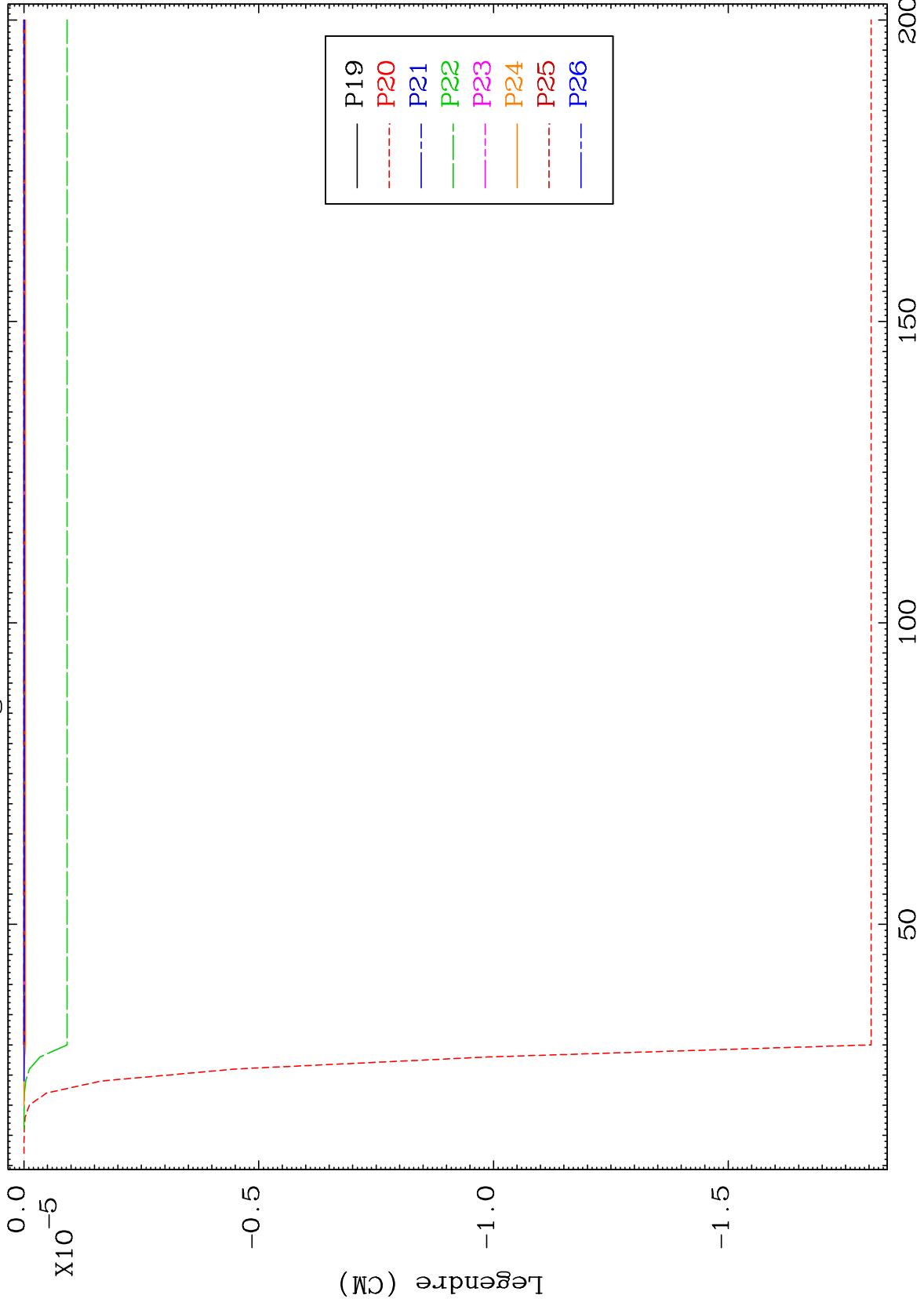
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



79-Au-187

Incident Energy (MeV)

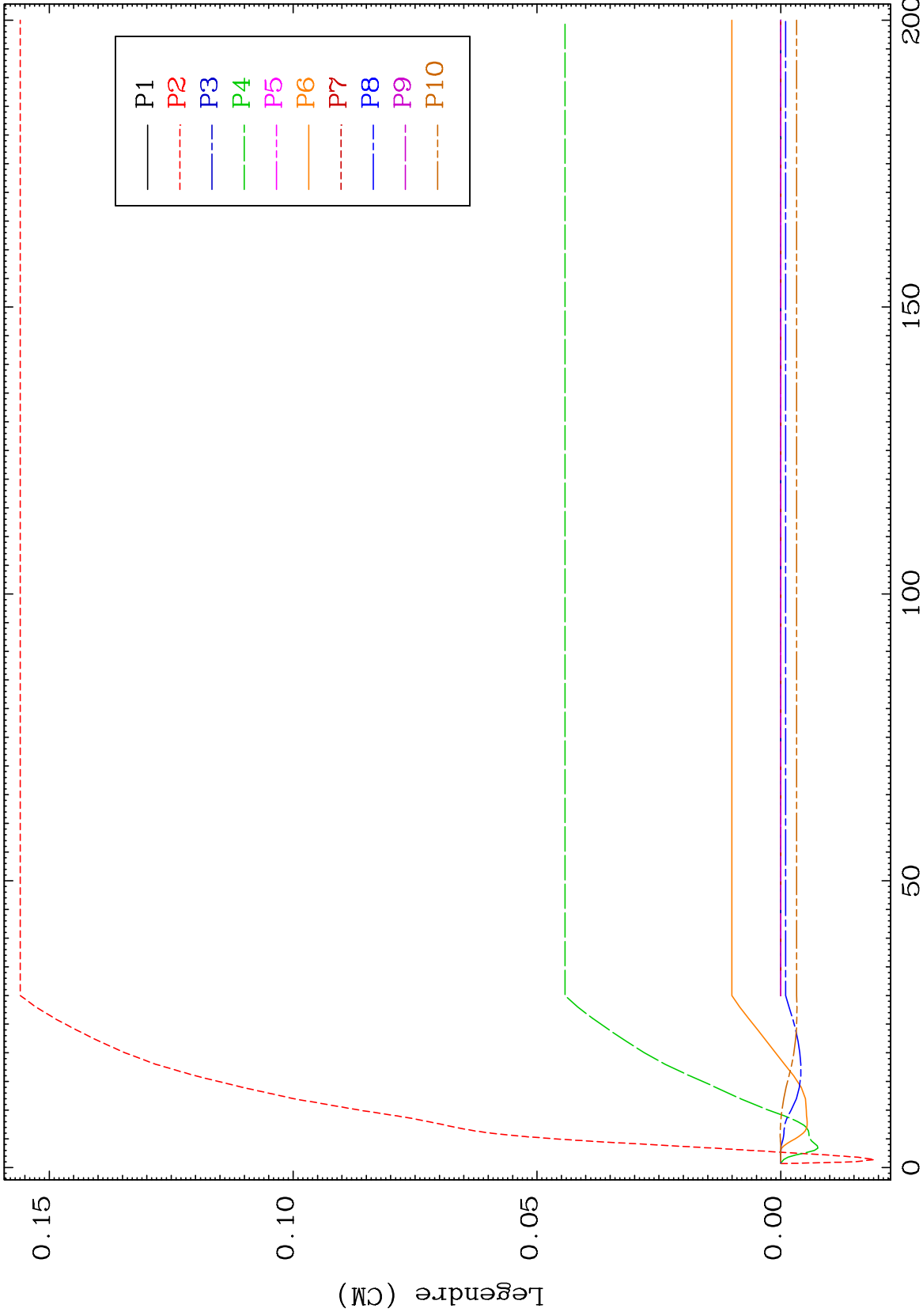
103



MAT 7895

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

79-Au-187



104

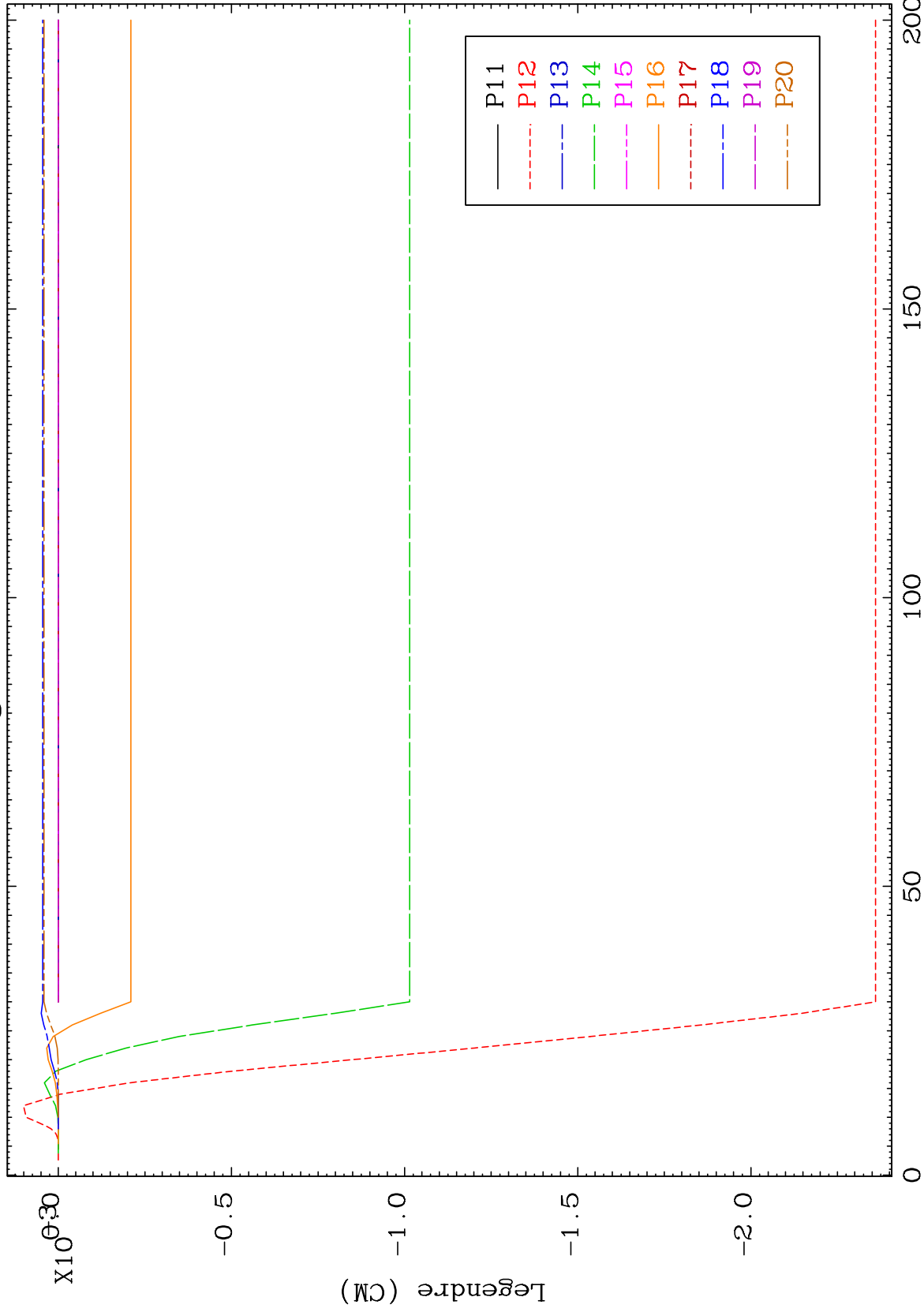
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



105

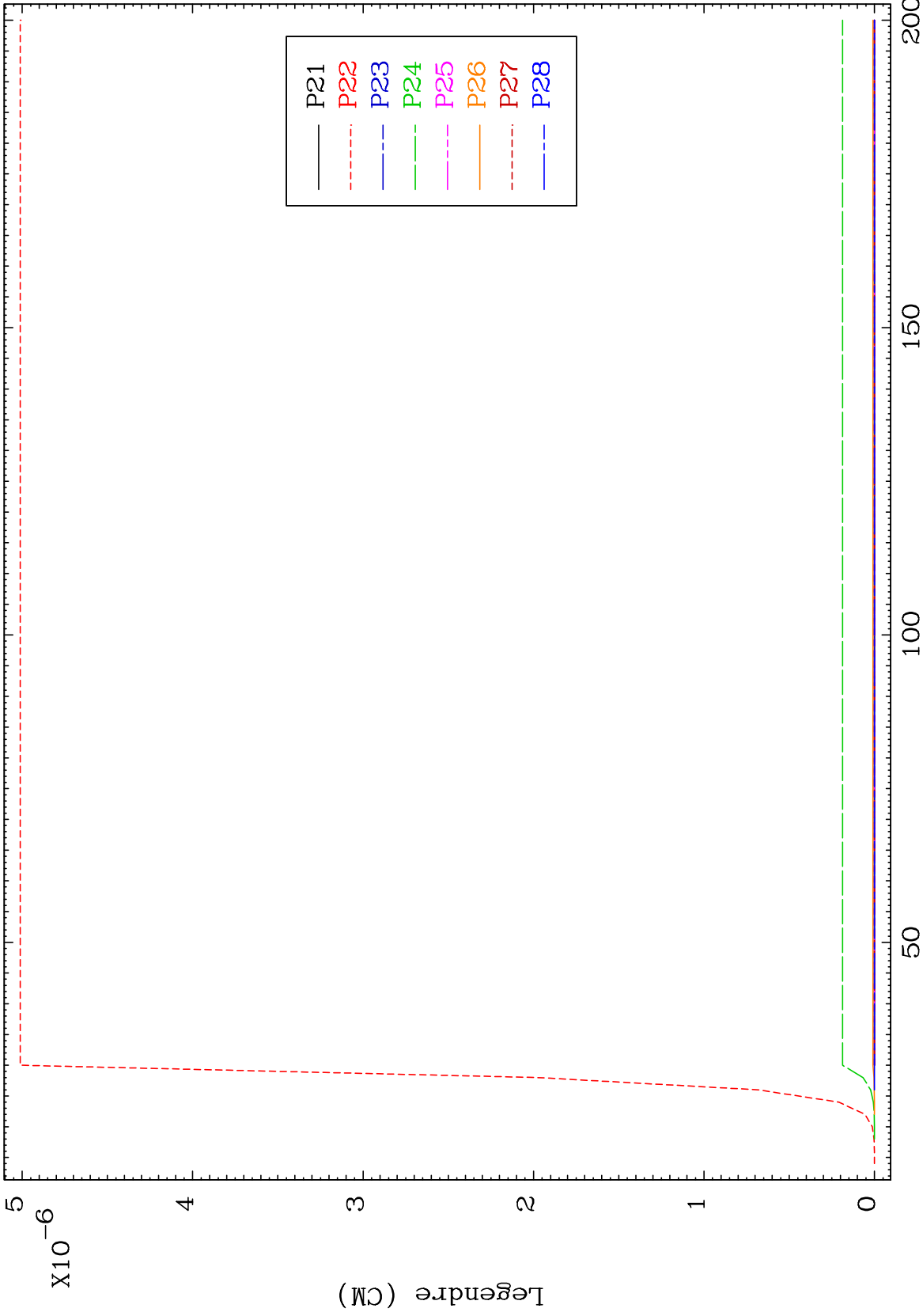
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



106

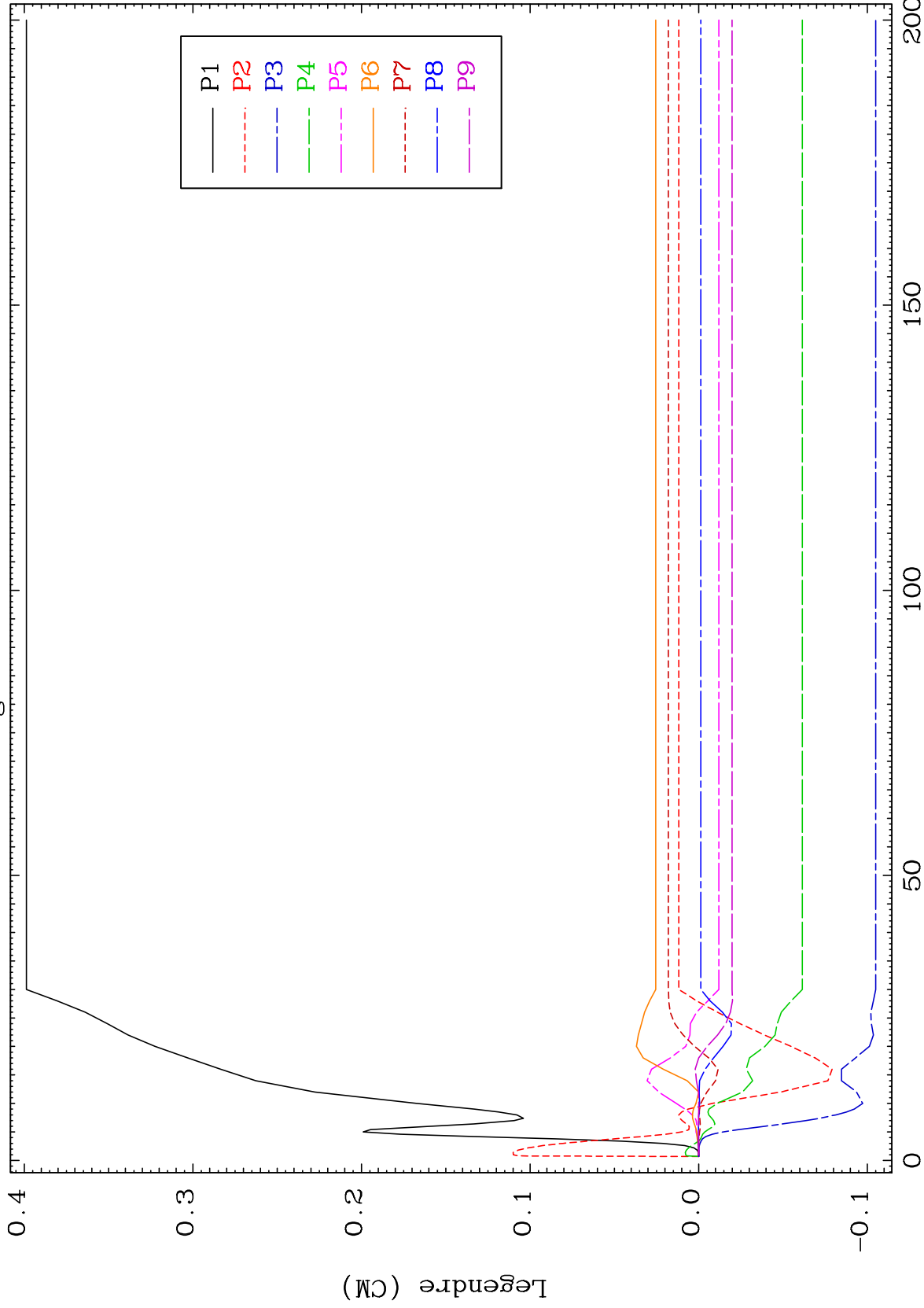
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



107

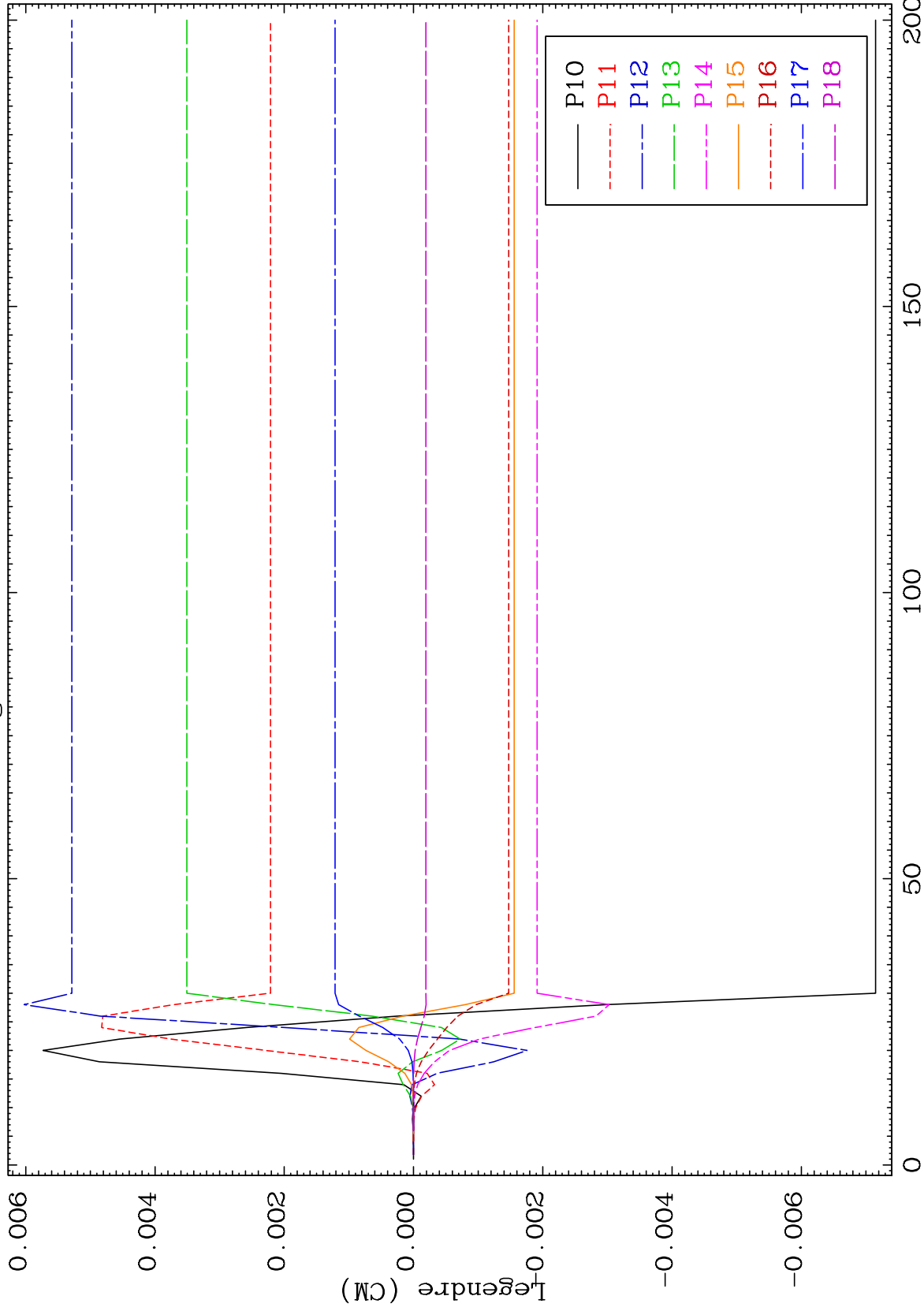
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



108

Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



109

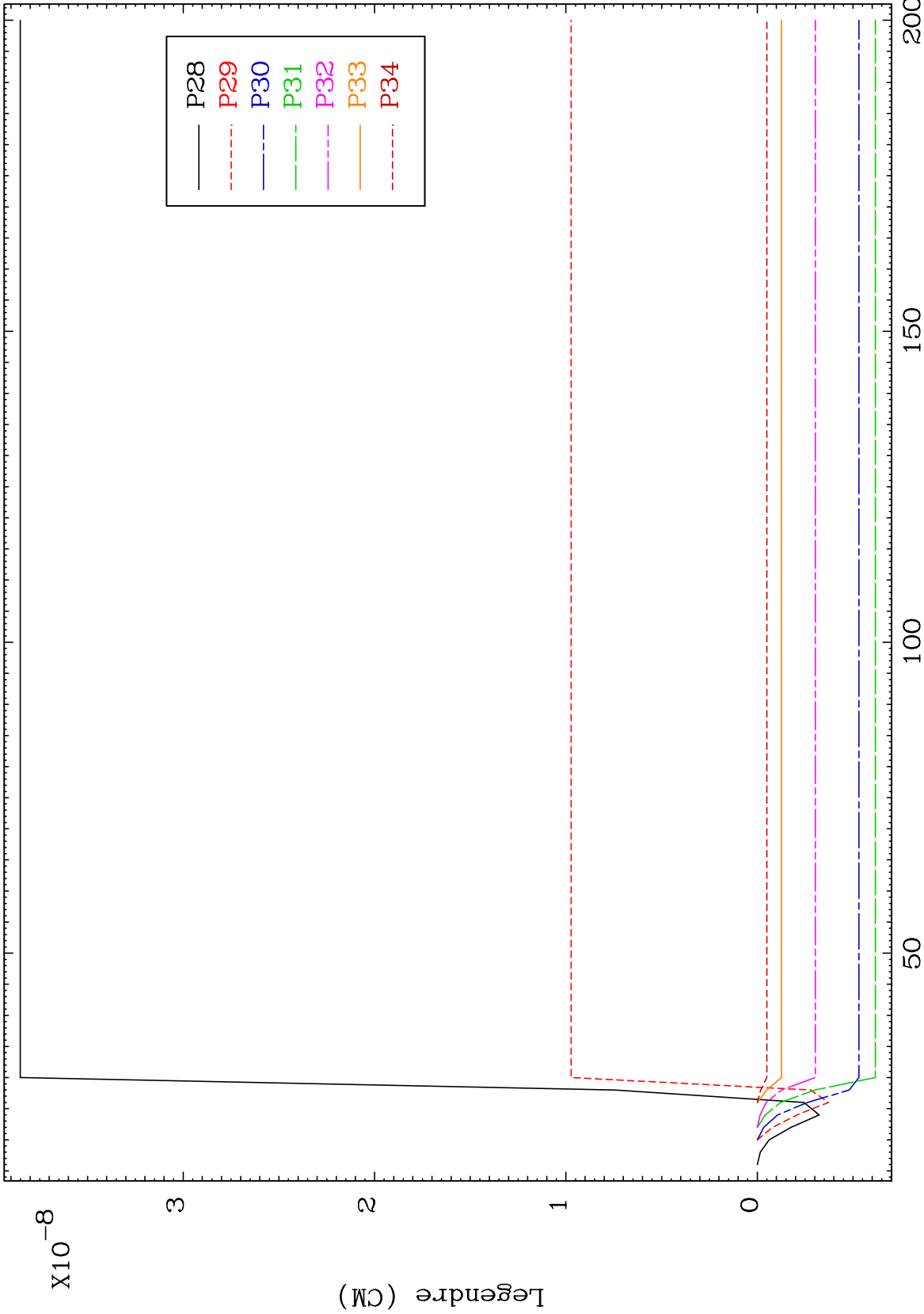
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



110

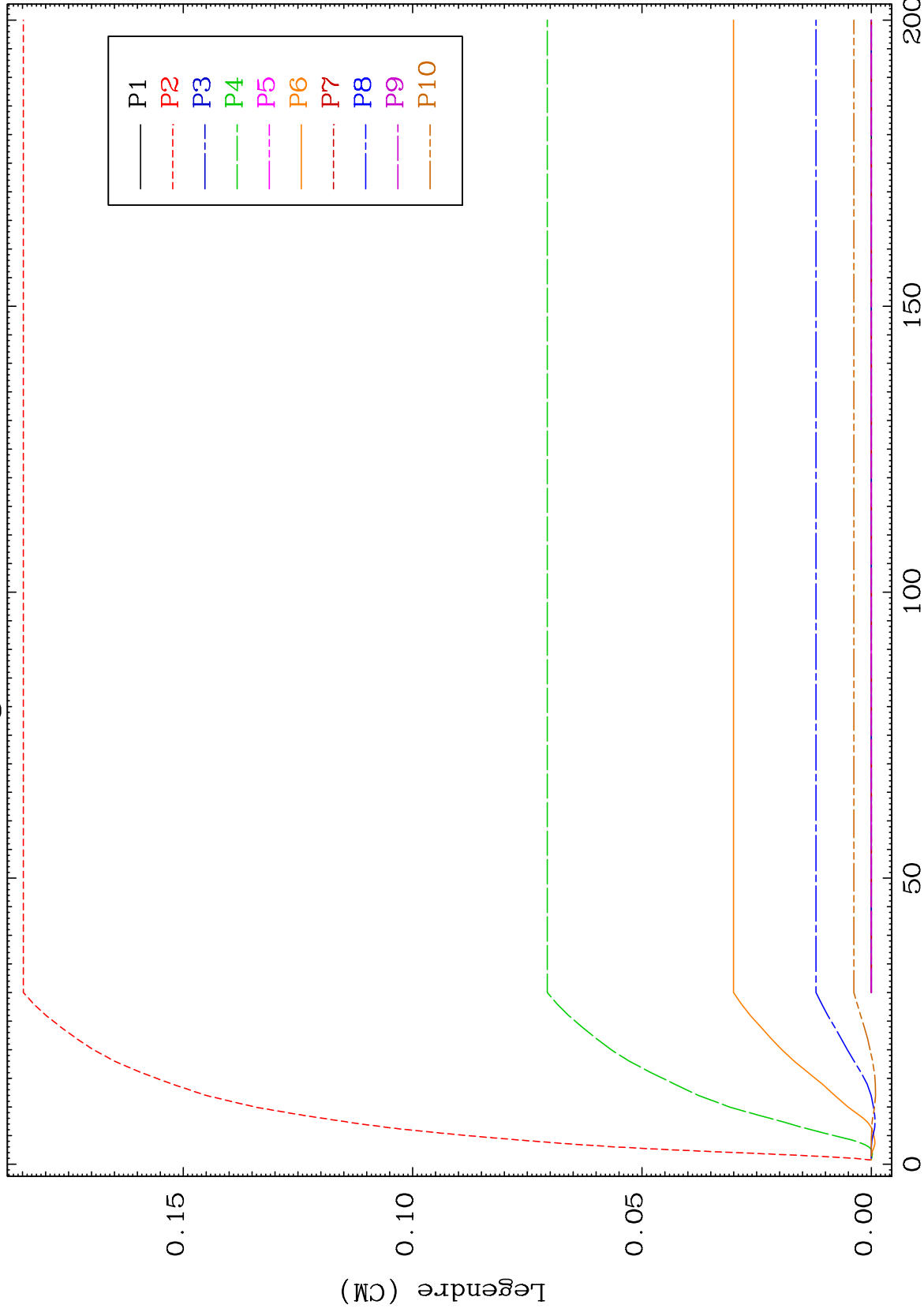
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



111

Incident Energy (MeV)

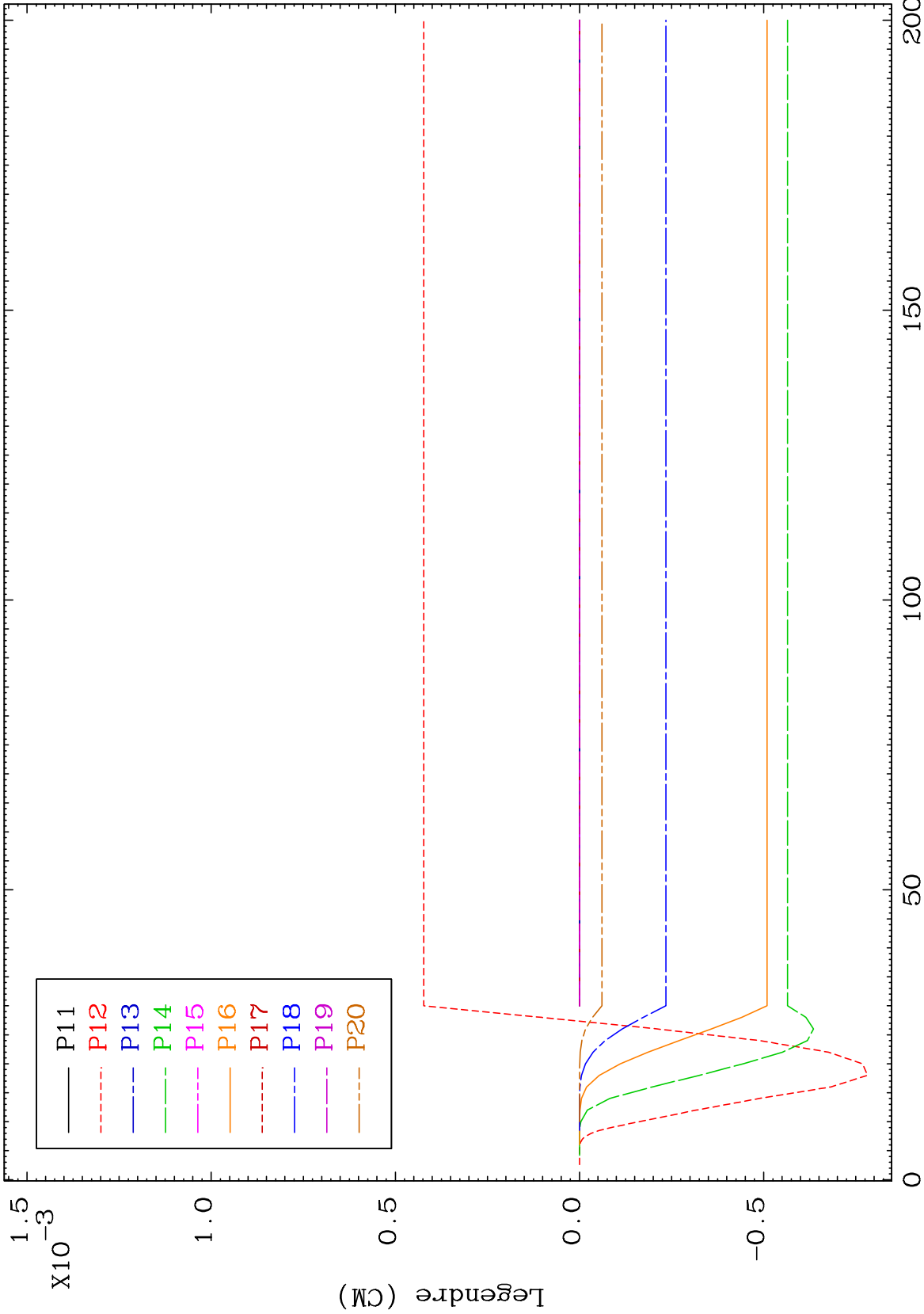
79-Au-187



MAT 7895

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

79-Au-187



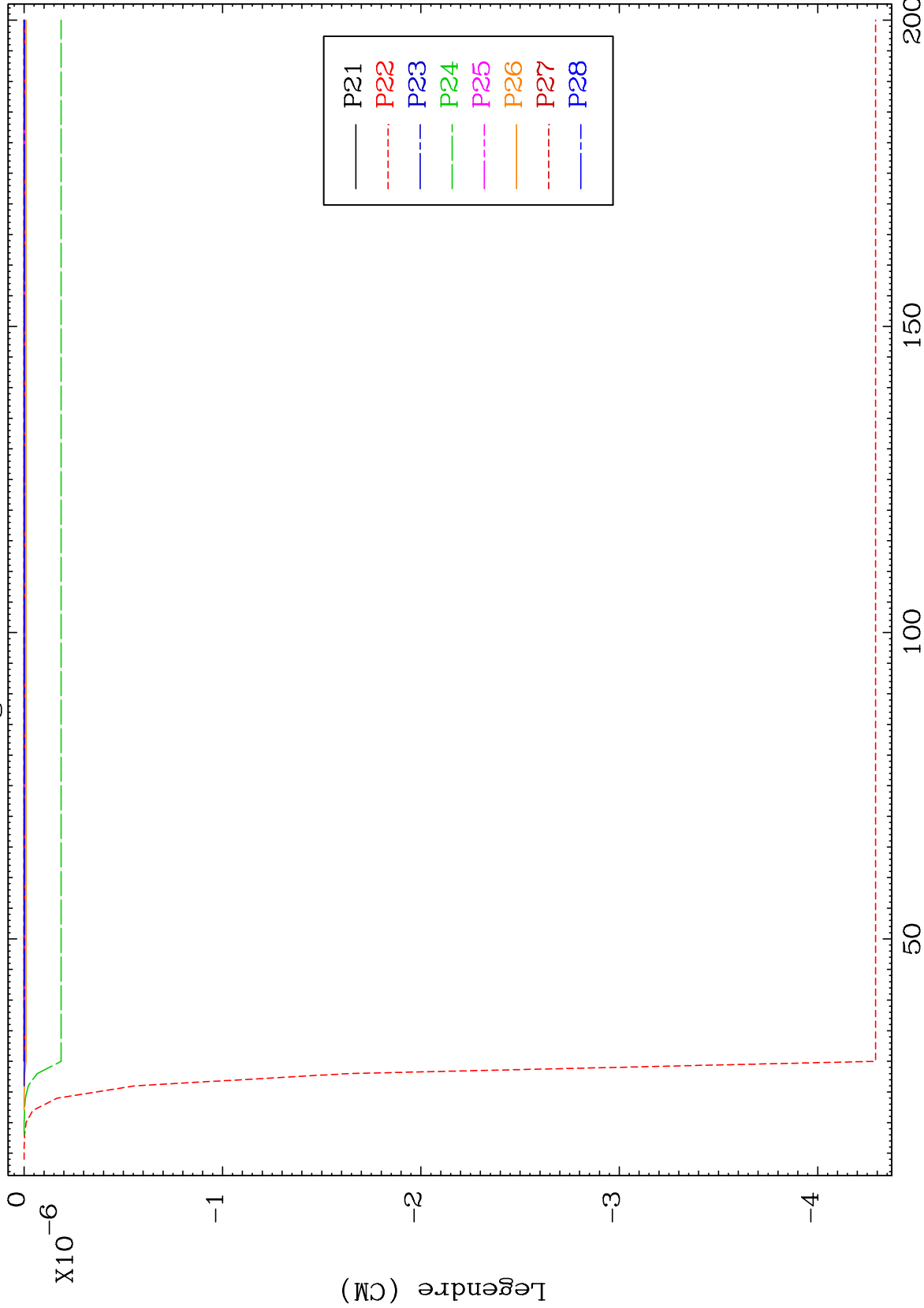
112

79-Au-187

MAT 7895

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

79-Au-187



113

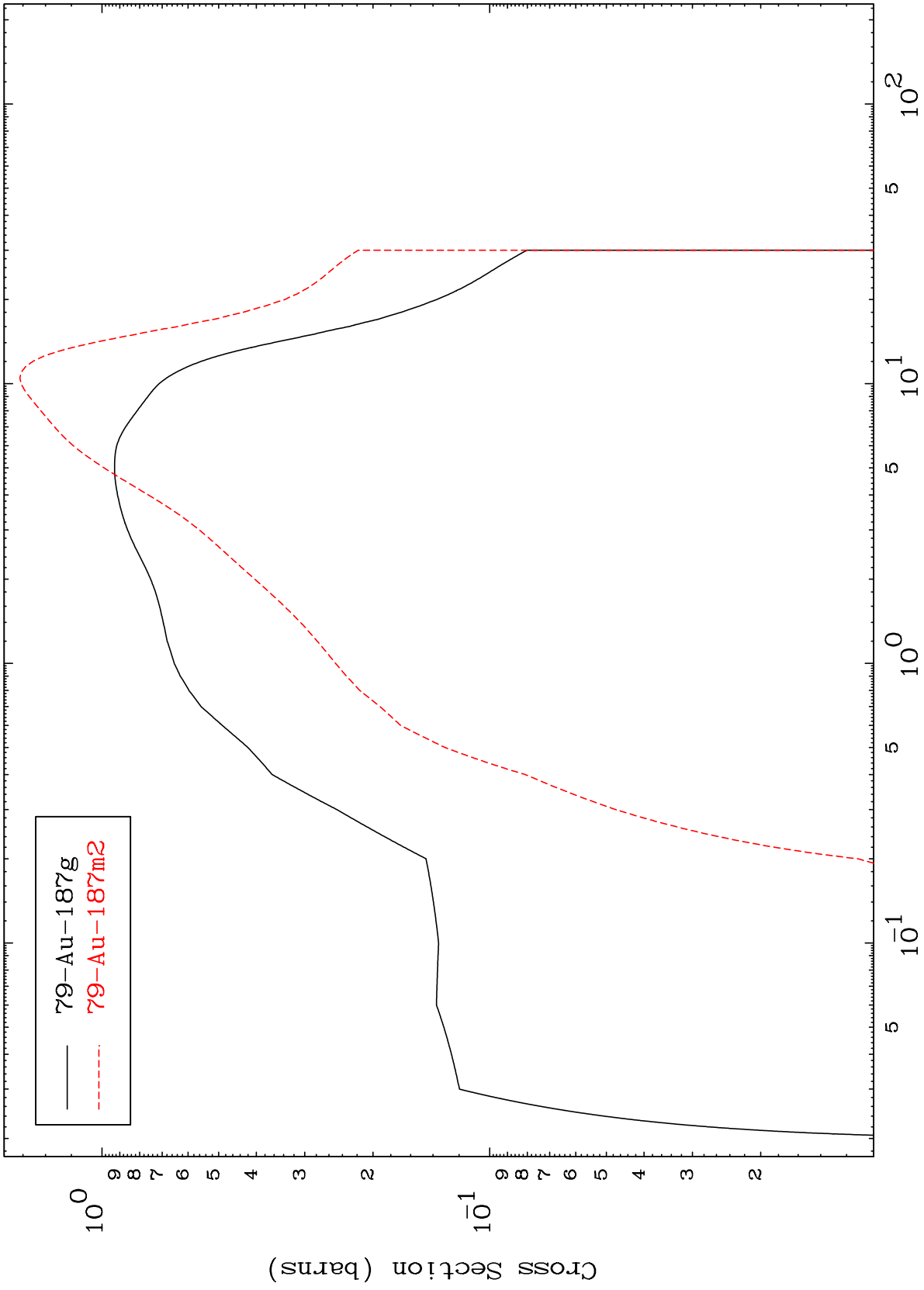
Incident Energy (MeV)

79-Au-187

MAT 7895

<sup>79</sup>Au-187

Inelastic  
Radionuclide Production Cross Section



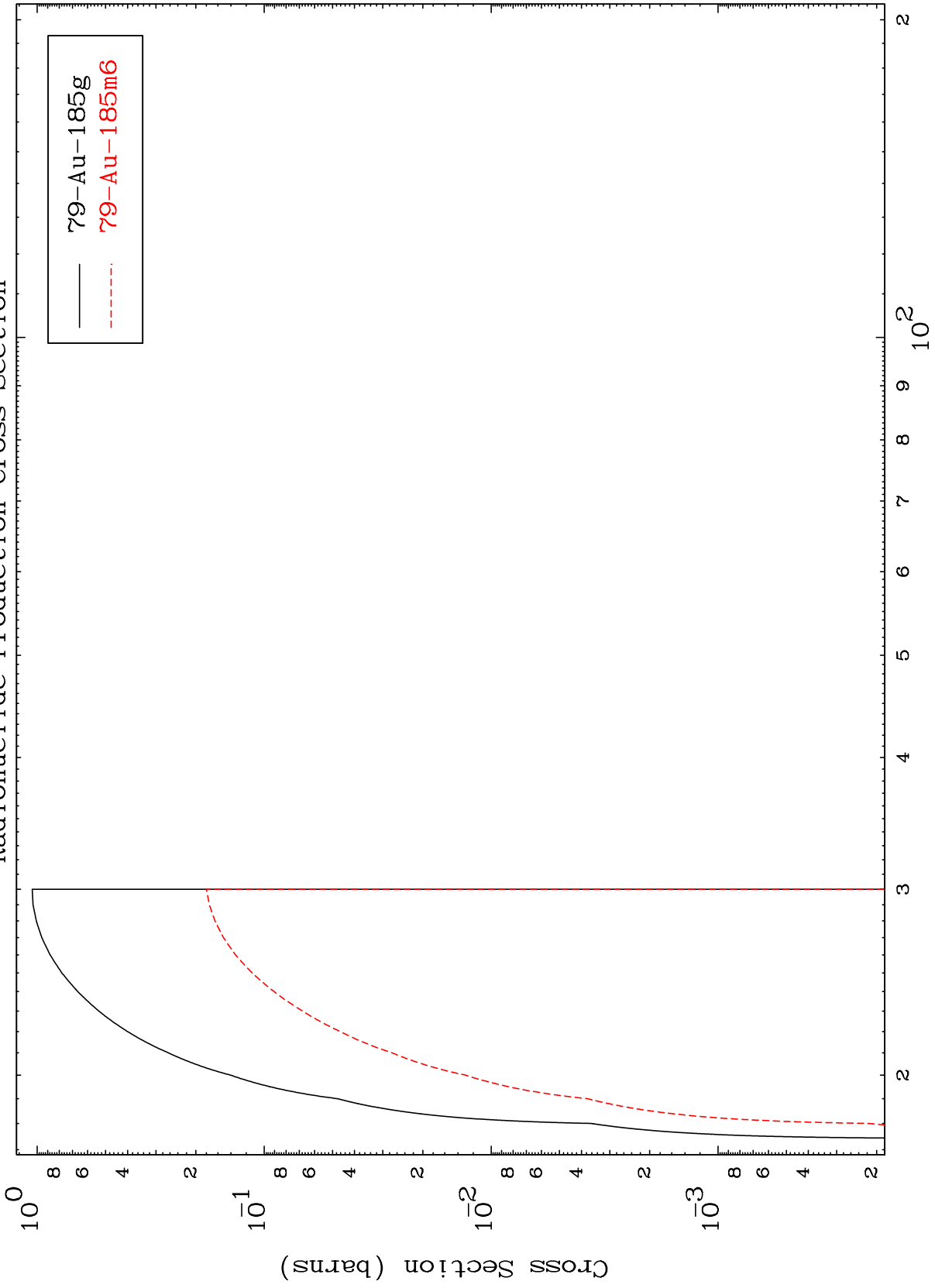
114

<sup>79</sup>Au-187

MAT 7895

79-Au-187

(n,3n)  
Radionuclide Production Cross Section



115

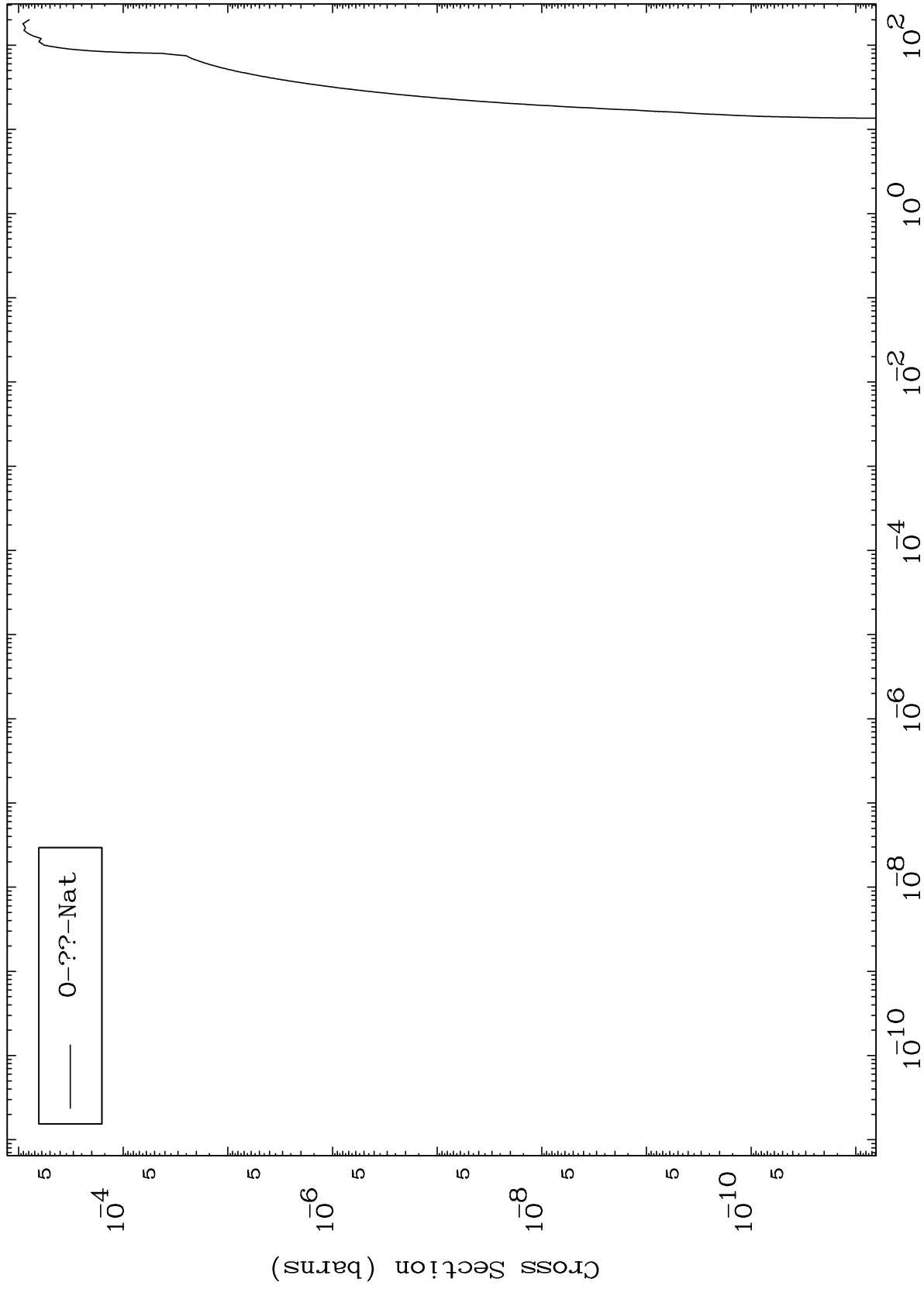
Incident Energy (MeV)

79-Au-187

MAT 7895

Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-187



116

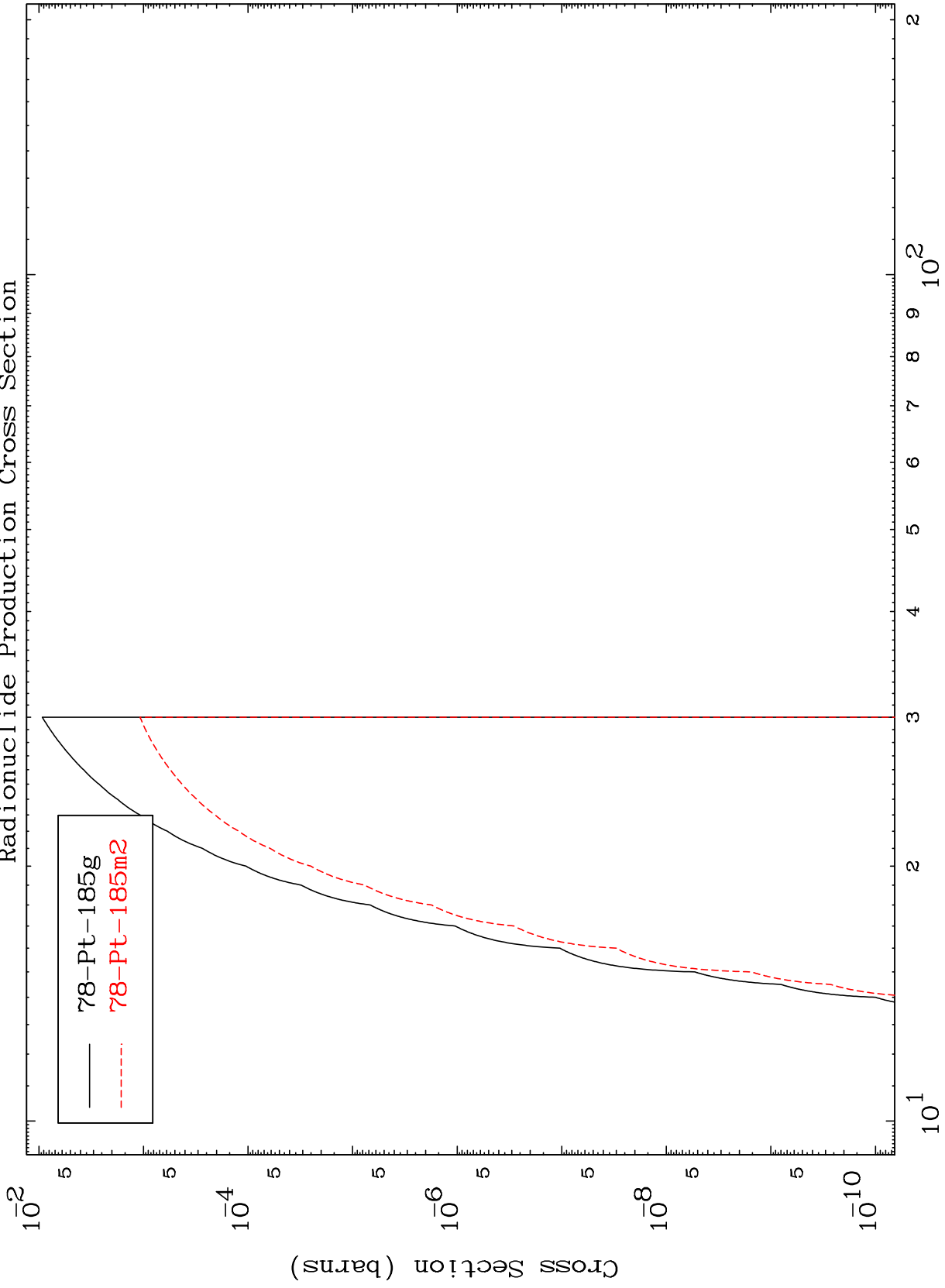
<sup>79</sup>Au-187

MAT 7895

(n,n') d

79-Au-187

Radionuclide Production Cross Section



117

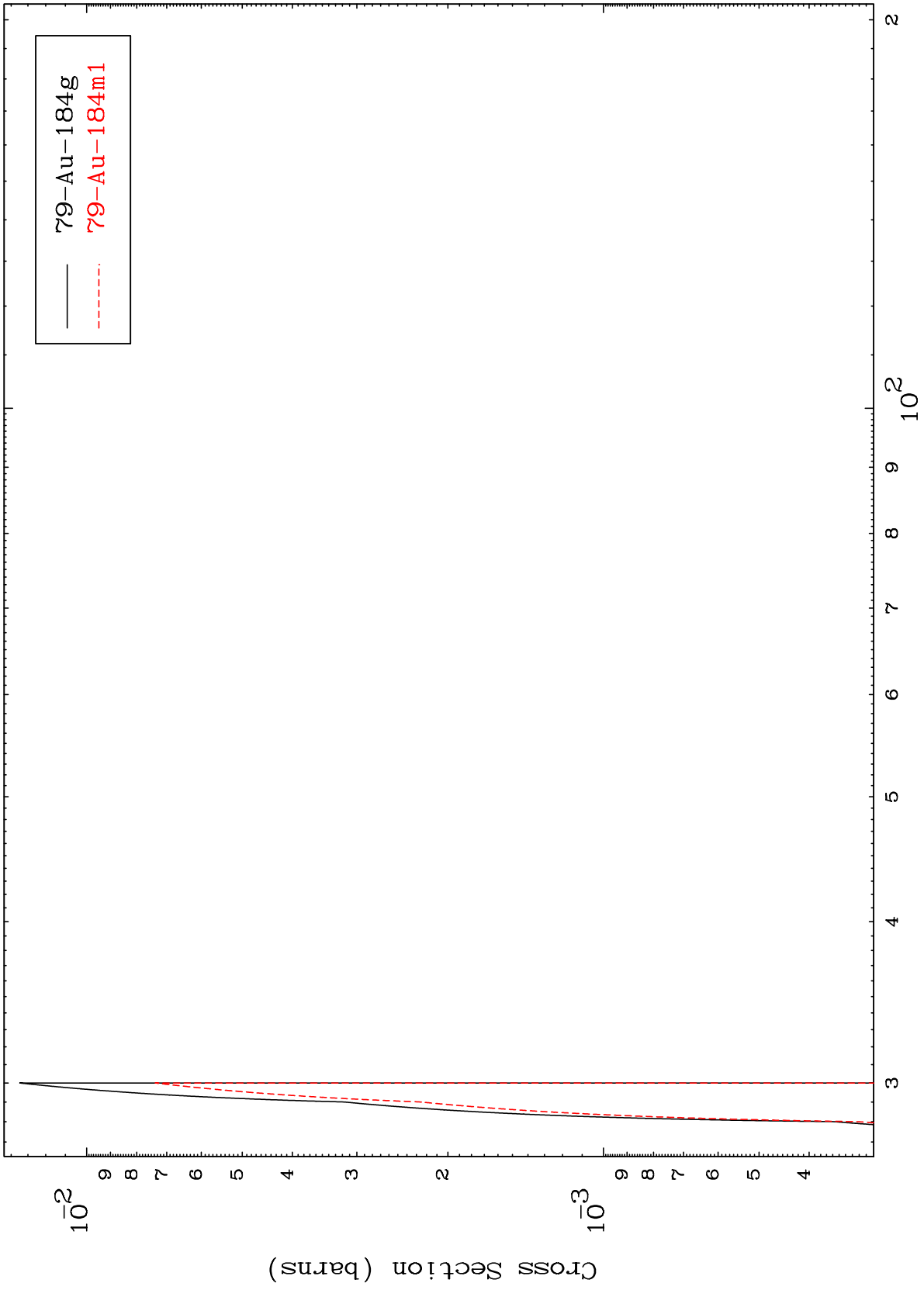
Incident Energy (MeV)

79-Au-187

MAT 7895

<sup>79</sup>Au-187

(n,4n)  
Radionuclide Production Cross Section



118

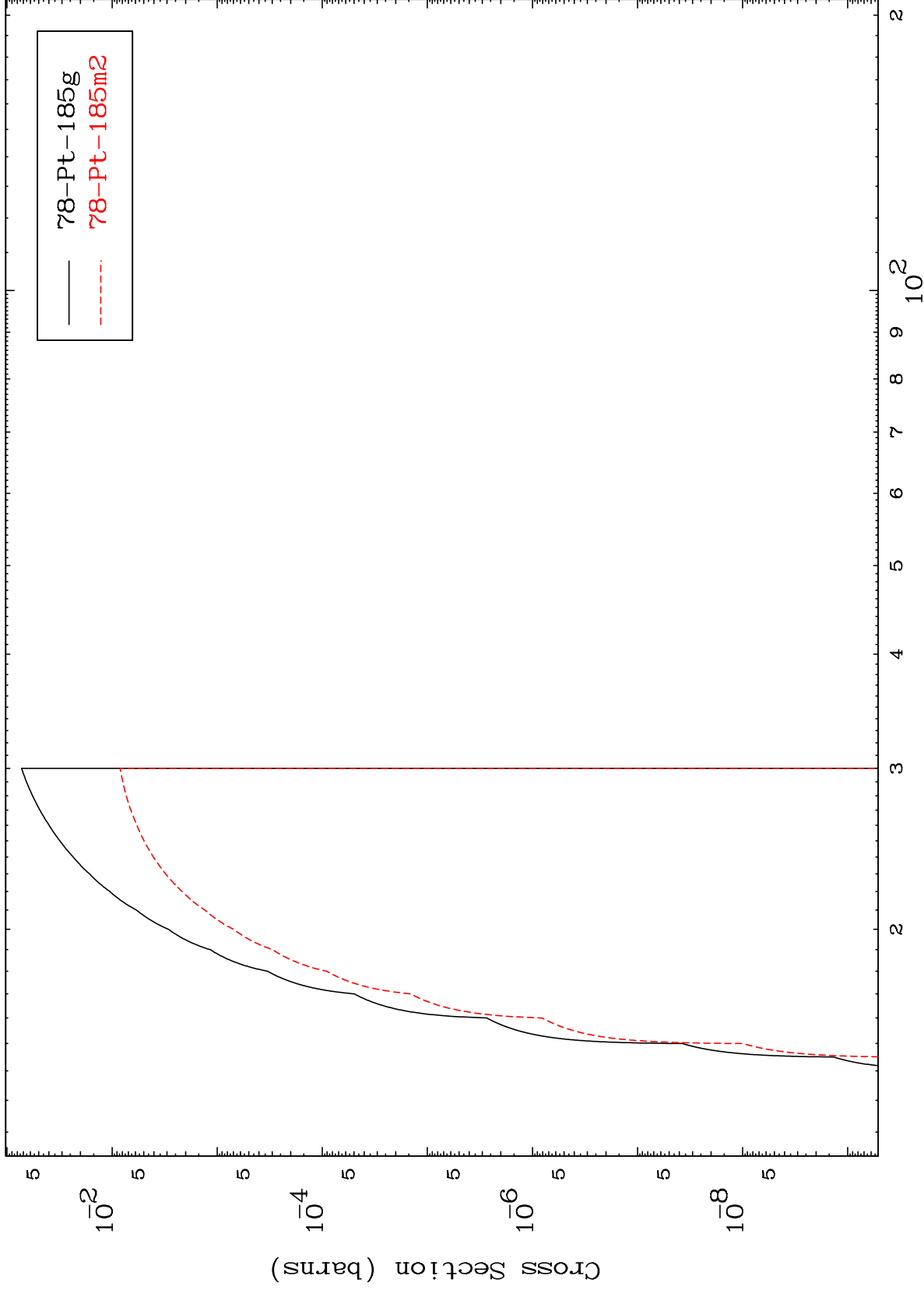
<sup>79</sup>Au-187

MAT 7895

(n,2n) p

79-Au-187

Radionuclide Production Cross Section



119

Incident Energy (MeV)

79-Au-187

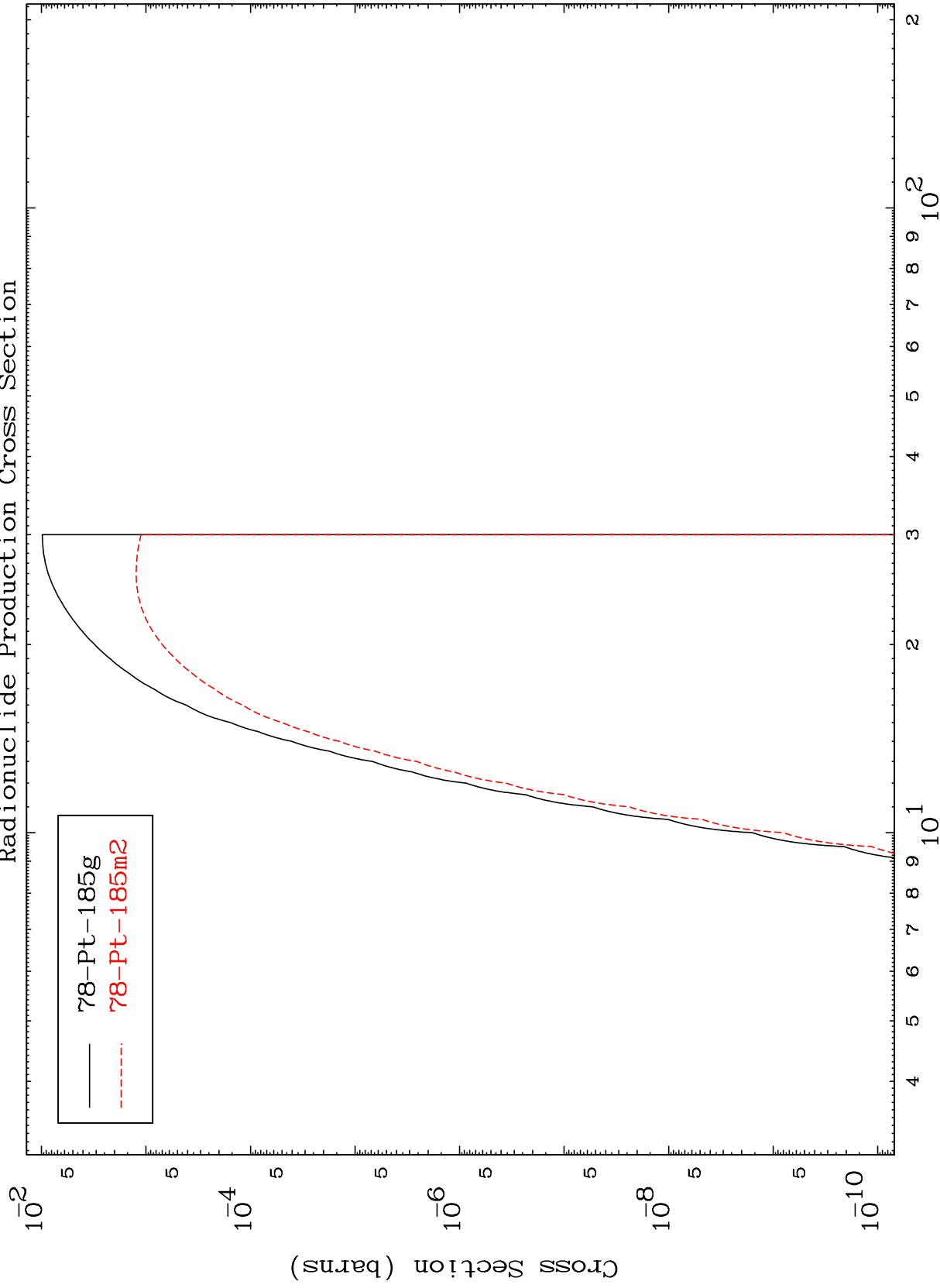


MAT 7895

(n, t)

<sup>79</sup>Au-187

Radionuclide Production Cross Section



120

Incident Energy (MeV)

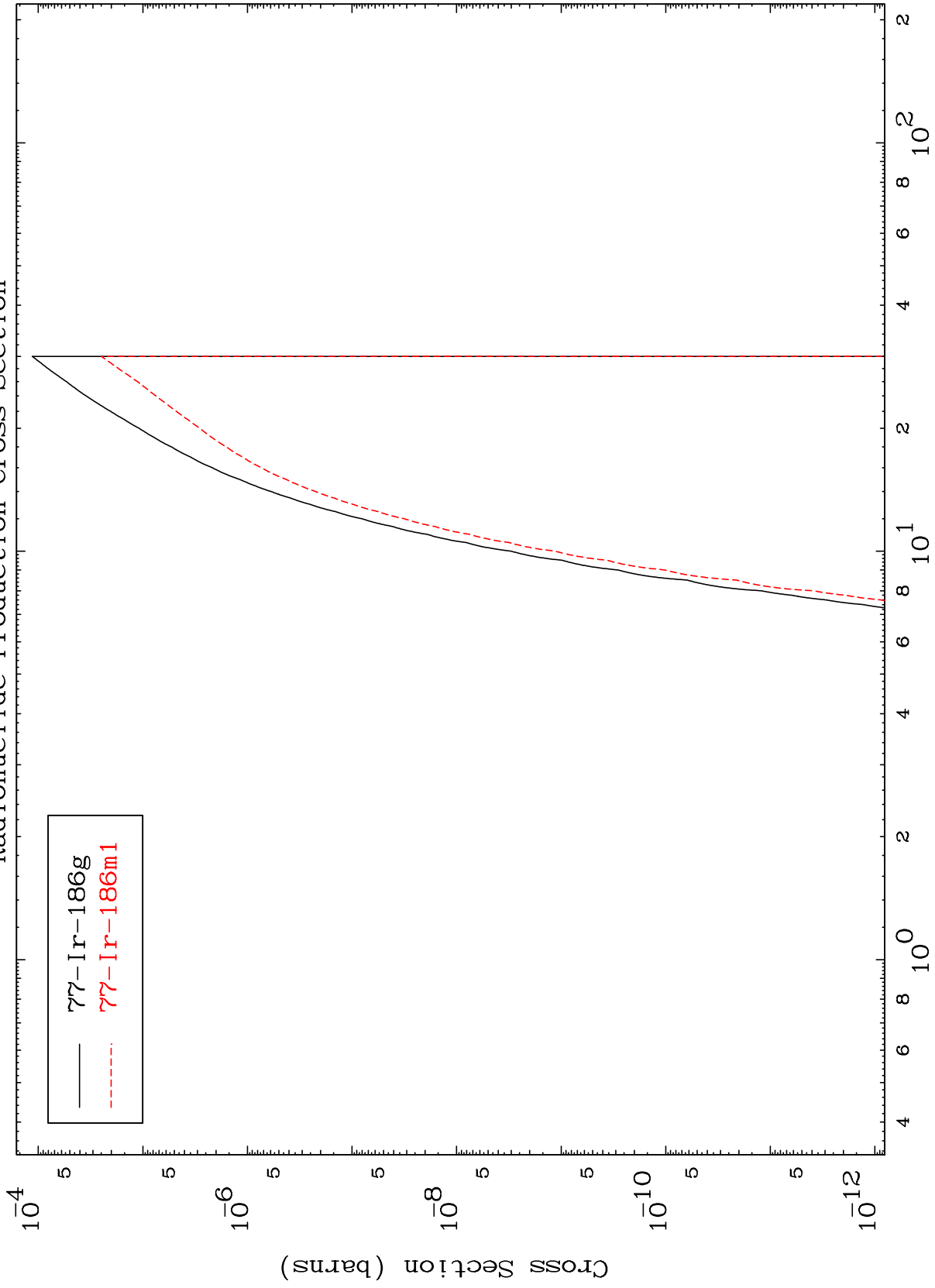
<sup>79</sup>Au-187

MAT 7895

(n,2p)

<sup>79</sup>Au-187

Radionuclide Production Cross Section



121

Incident Energy (MeV)

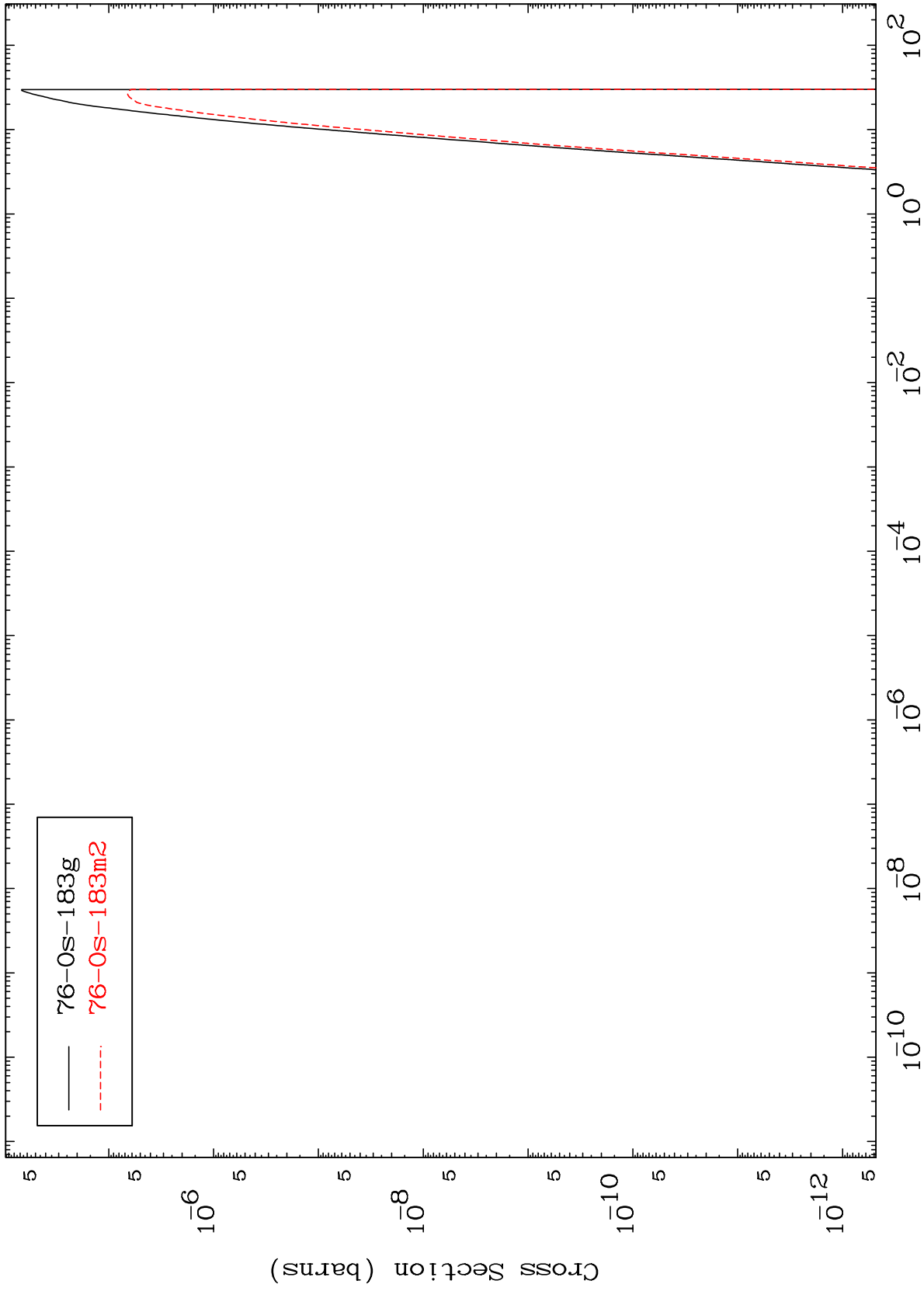
<sup>79</sup>Au-187

MAT 7895

(n,p)  $\alpha$

<sup>79</sup>Au-187

Radionuclide Production Cross Section



122

Incident Energy (MeV)

<sup>79</sup>Au-187