

Program EVALPLOT  
(Version 2021-1)

by

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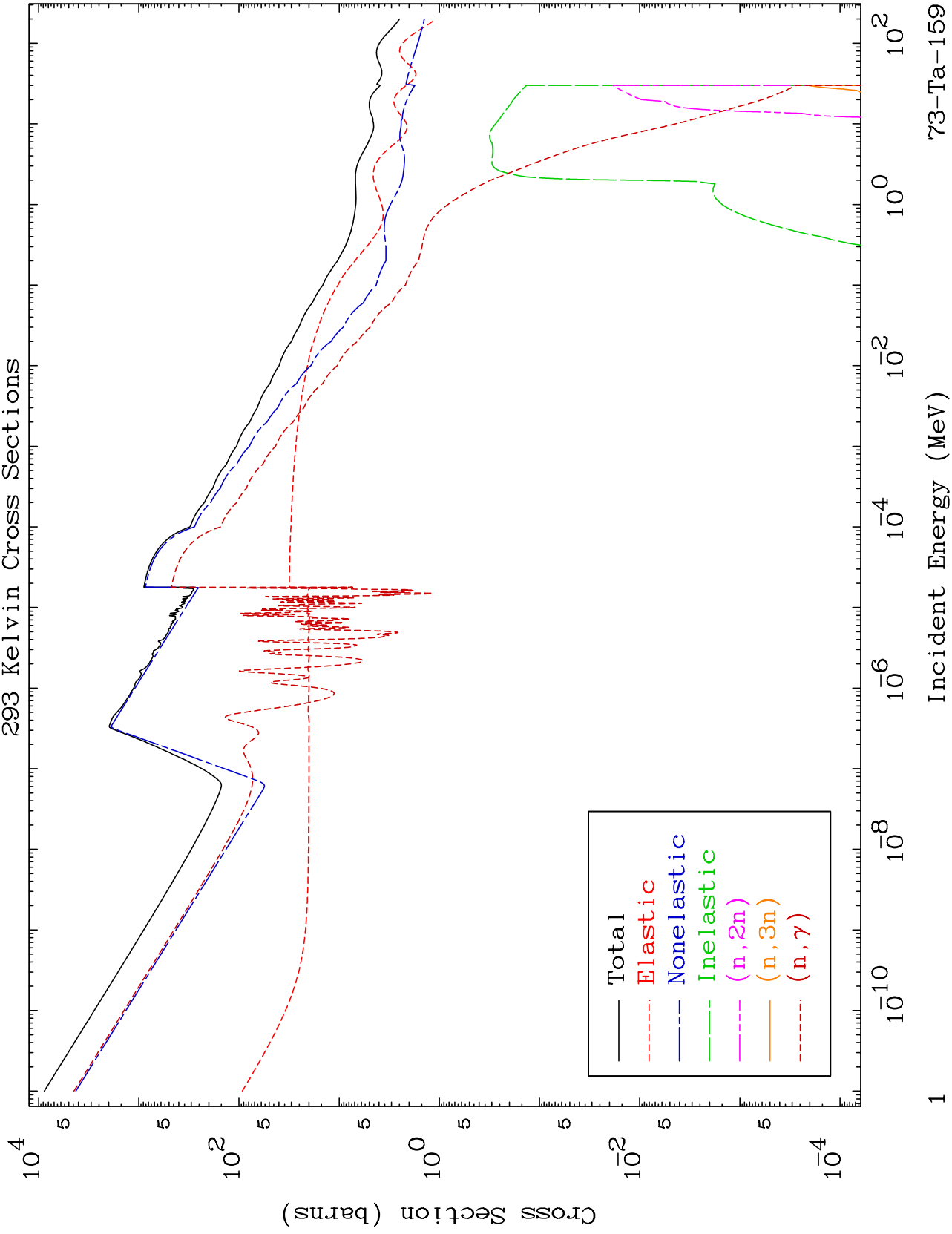
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7262

Neutron Major  
293 Kelvin Cross Sections

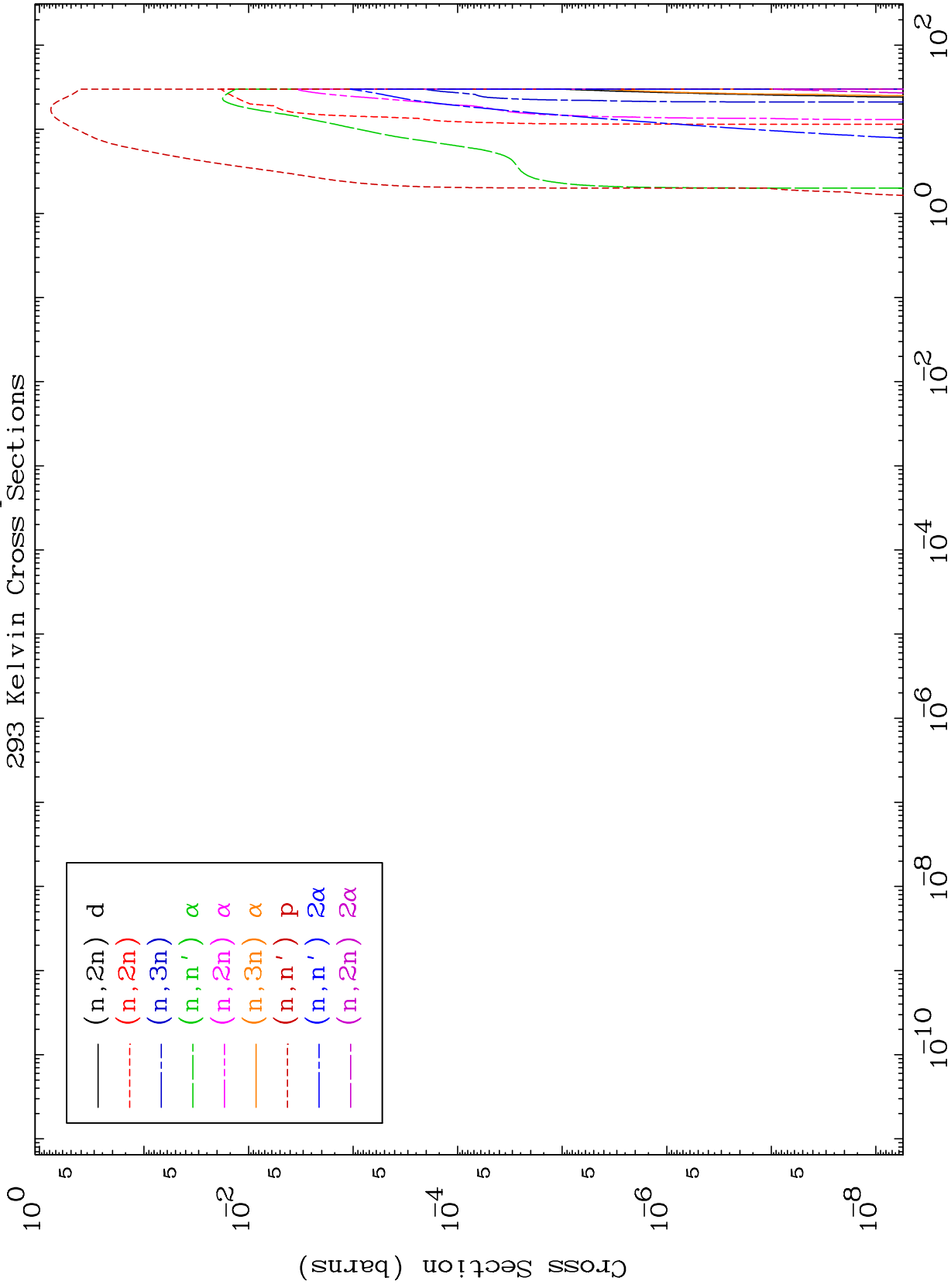
73-Ta-159



MAT 7262

Neutron Absorption  
293 Kelvin Cross Sections

73-Ta-159



2

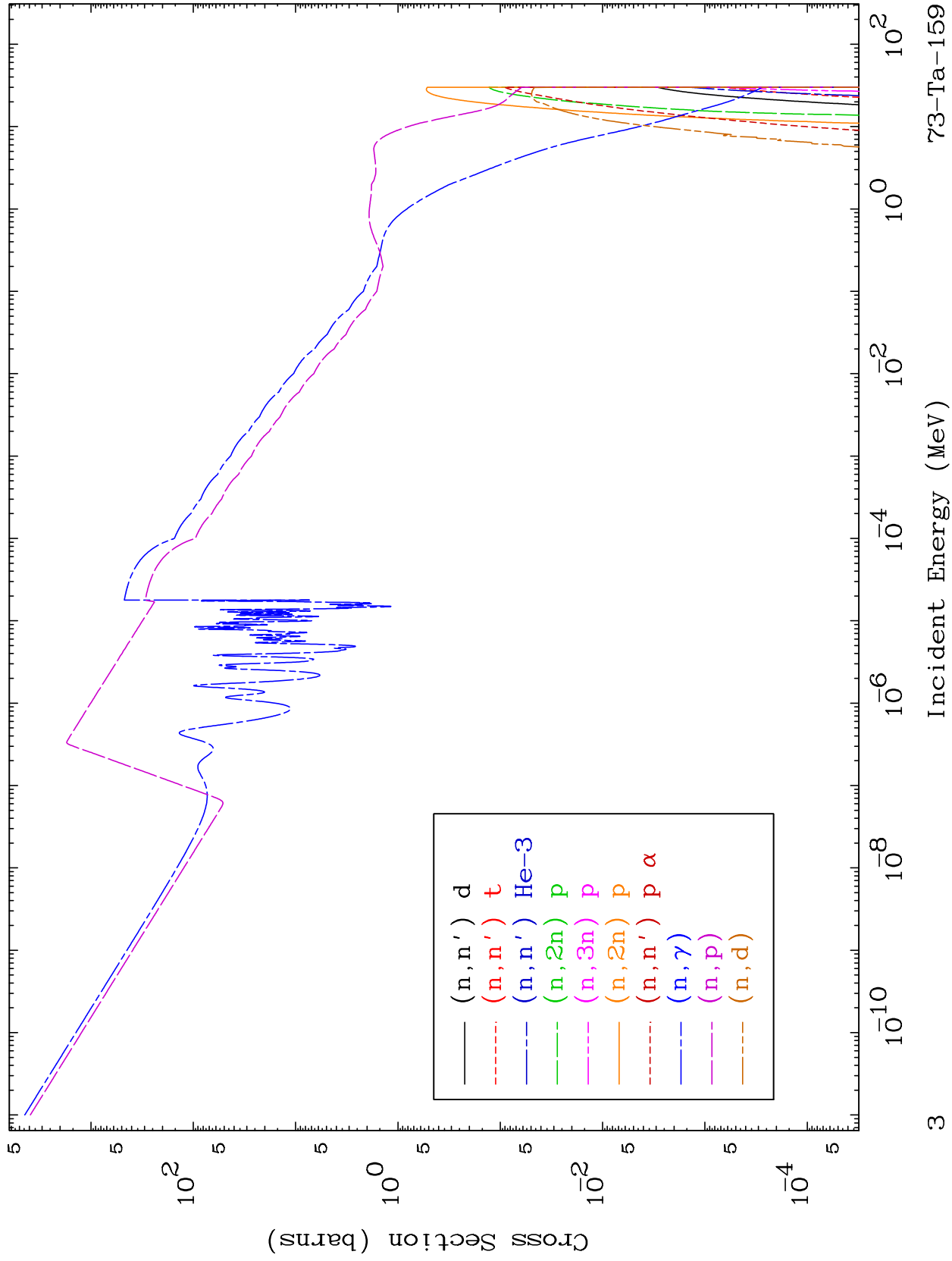
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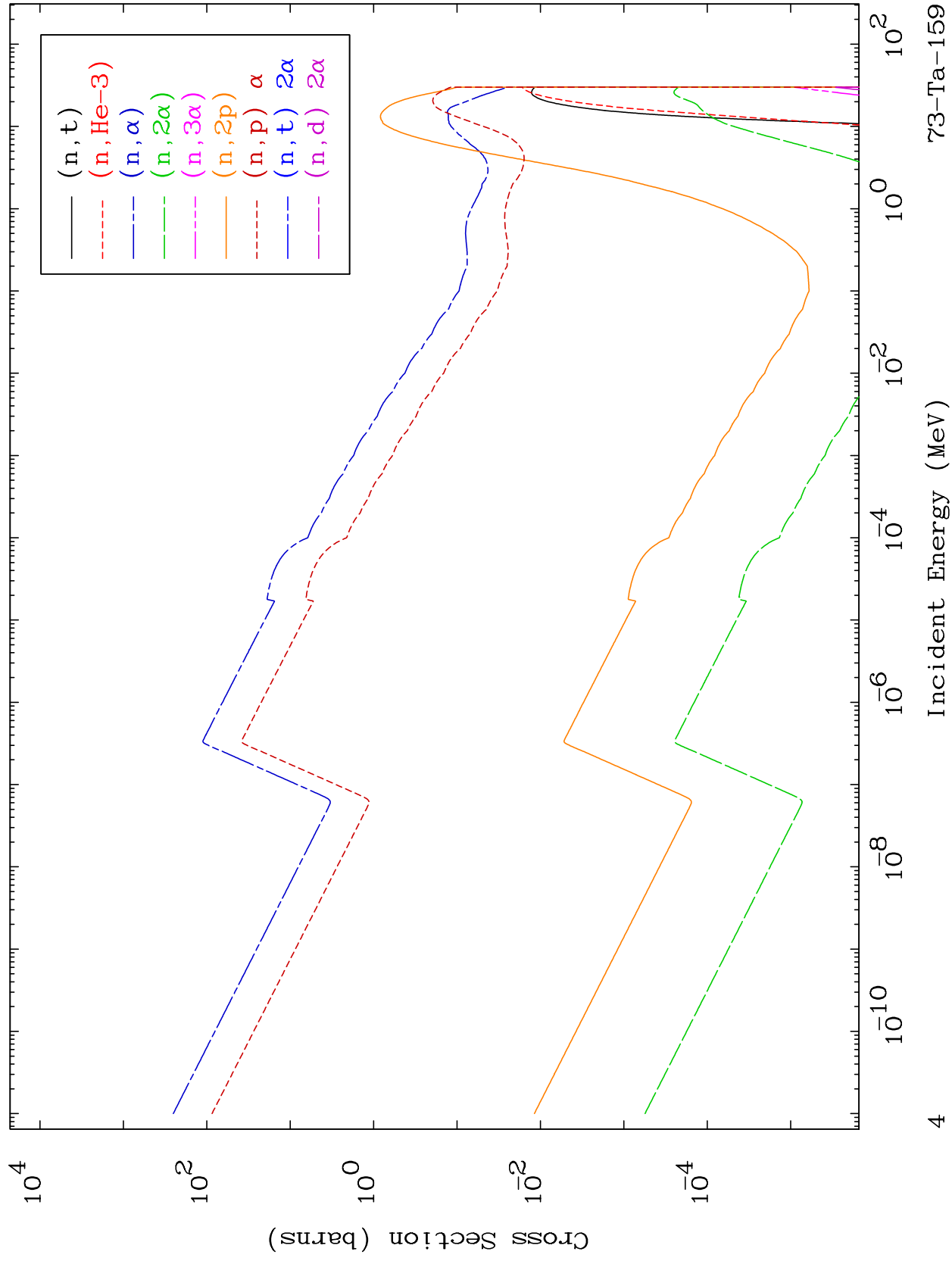
73-Ta-159

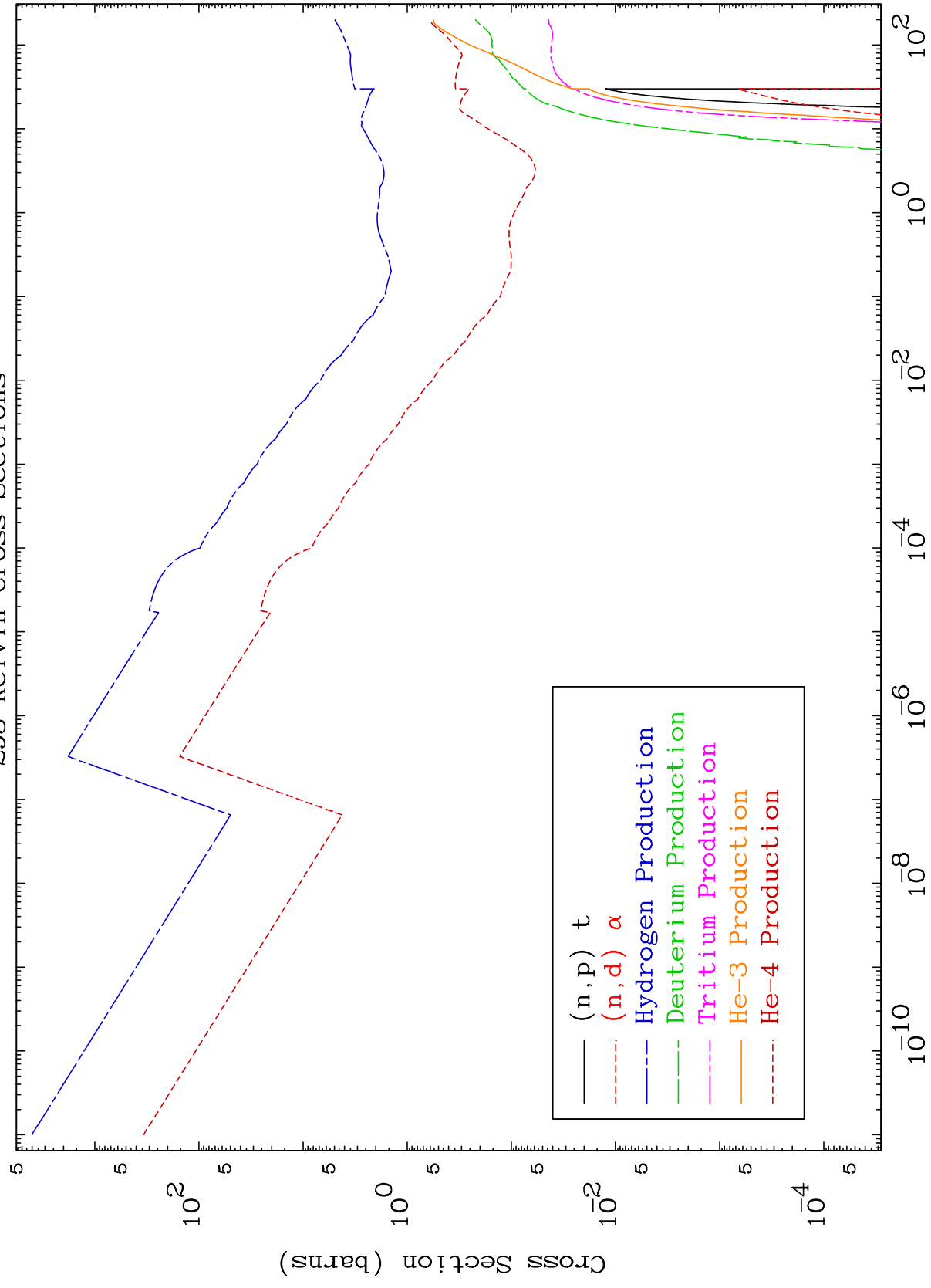
MAT 7262

Neutron Absorption  
293 Kelvin Cross Sections

73-Ta-159



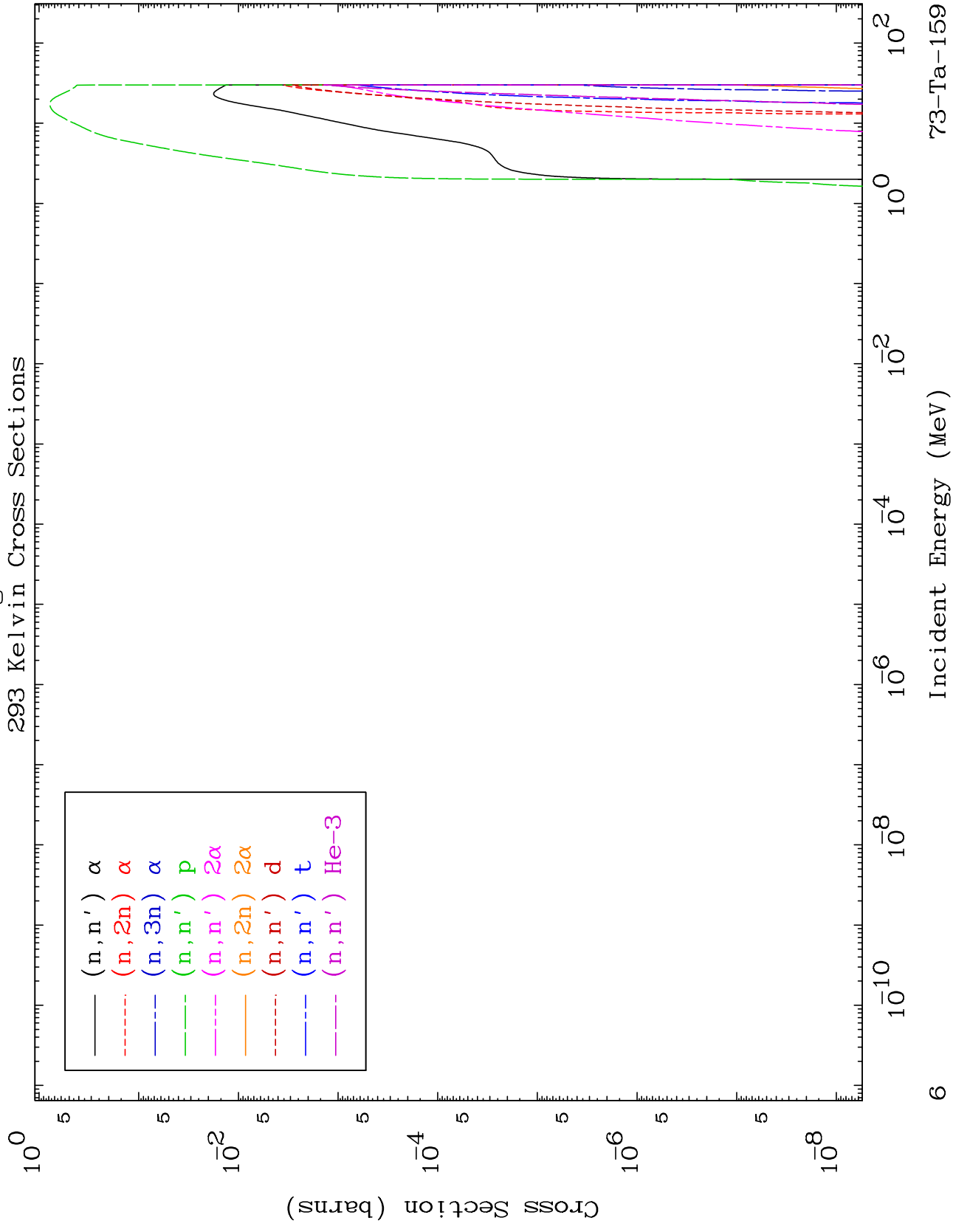




MAT 7262

Charged Particle  
293 Kelvin Cross Sections

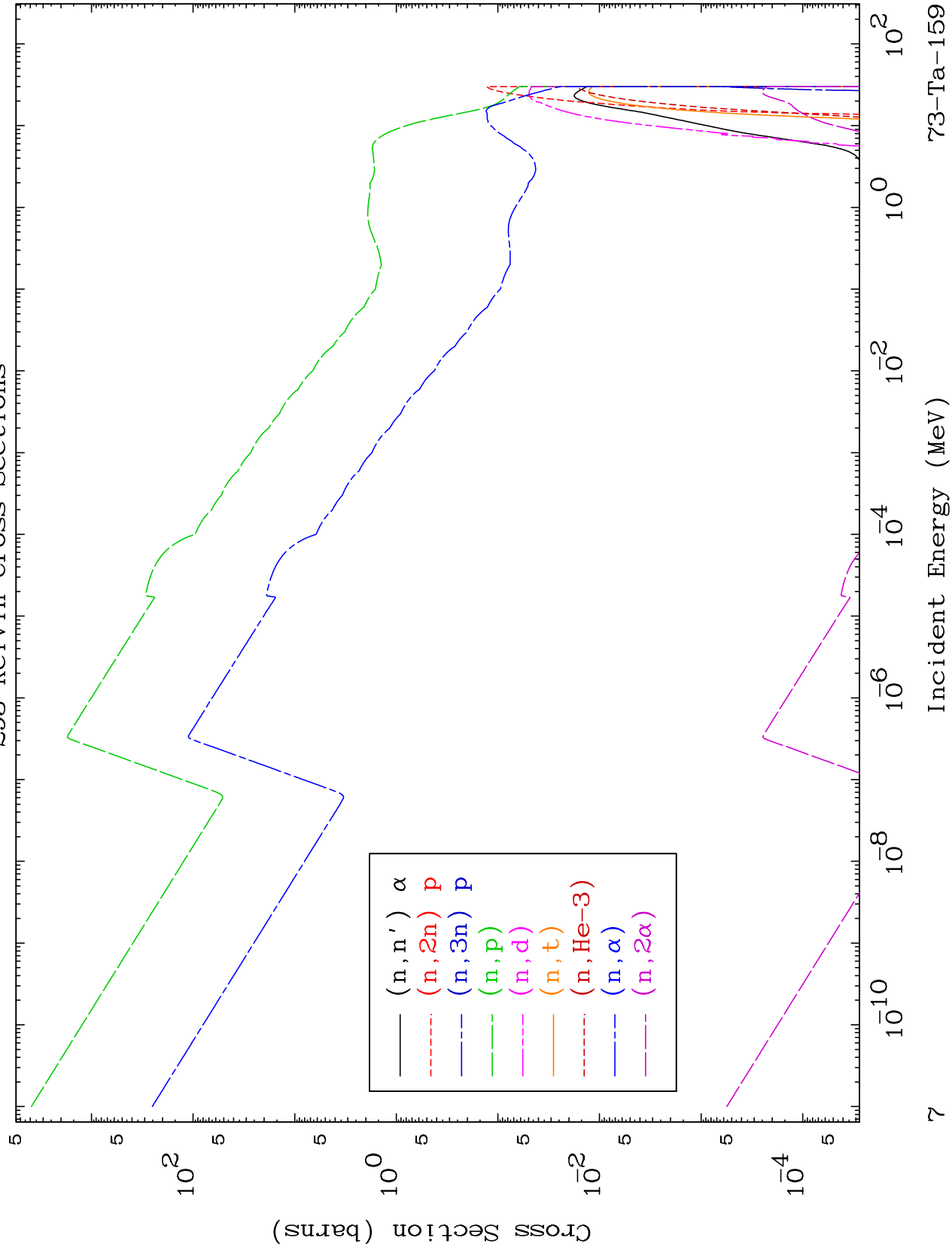
73-Ta-159



MAT 7262

Charged Particle  
293 Kelvin Cross Sections

73-Ta-159

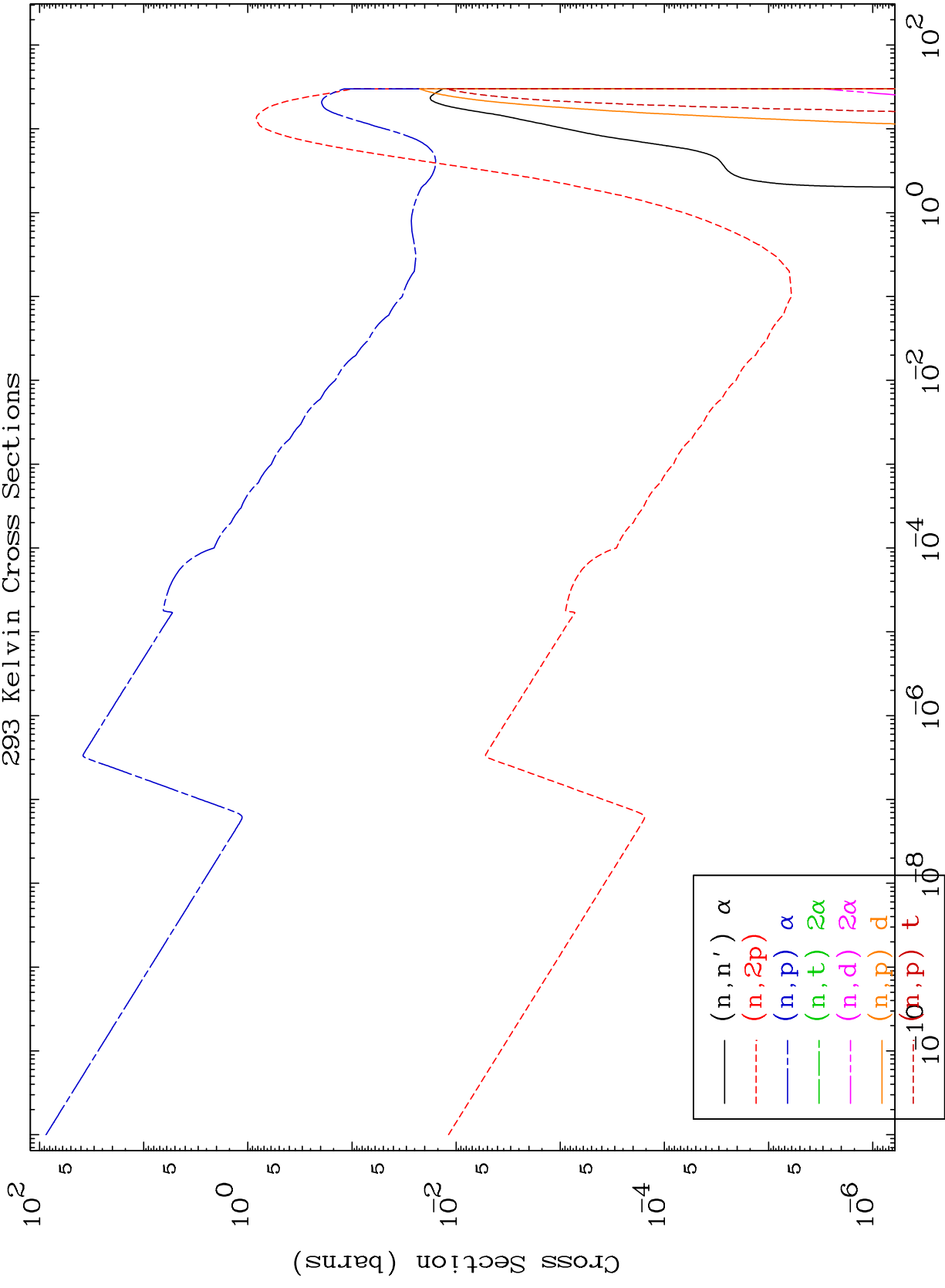




MAT 7262

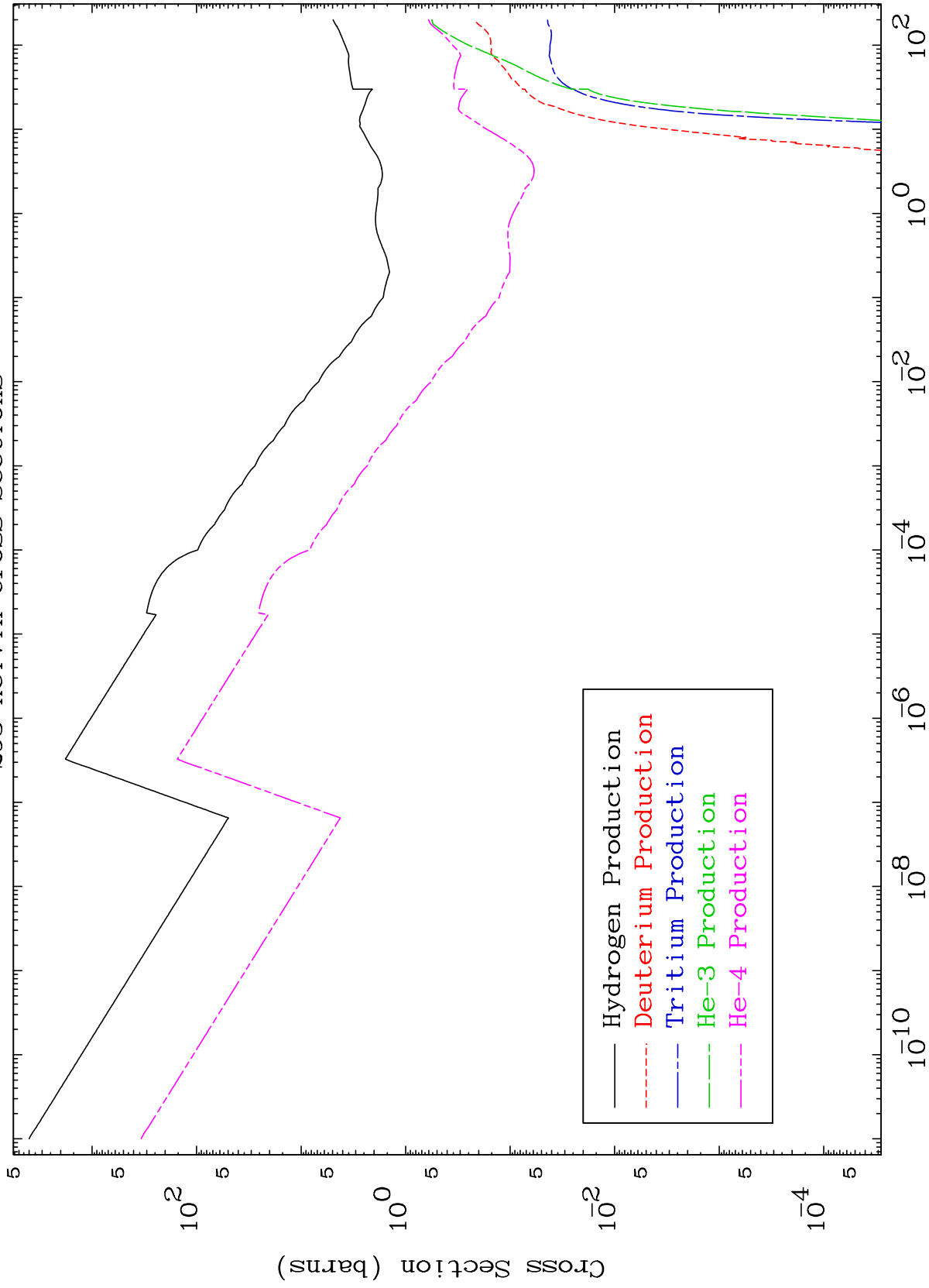
Charged Particle  
293 Kelvin Cross Sections

73-Ta-159



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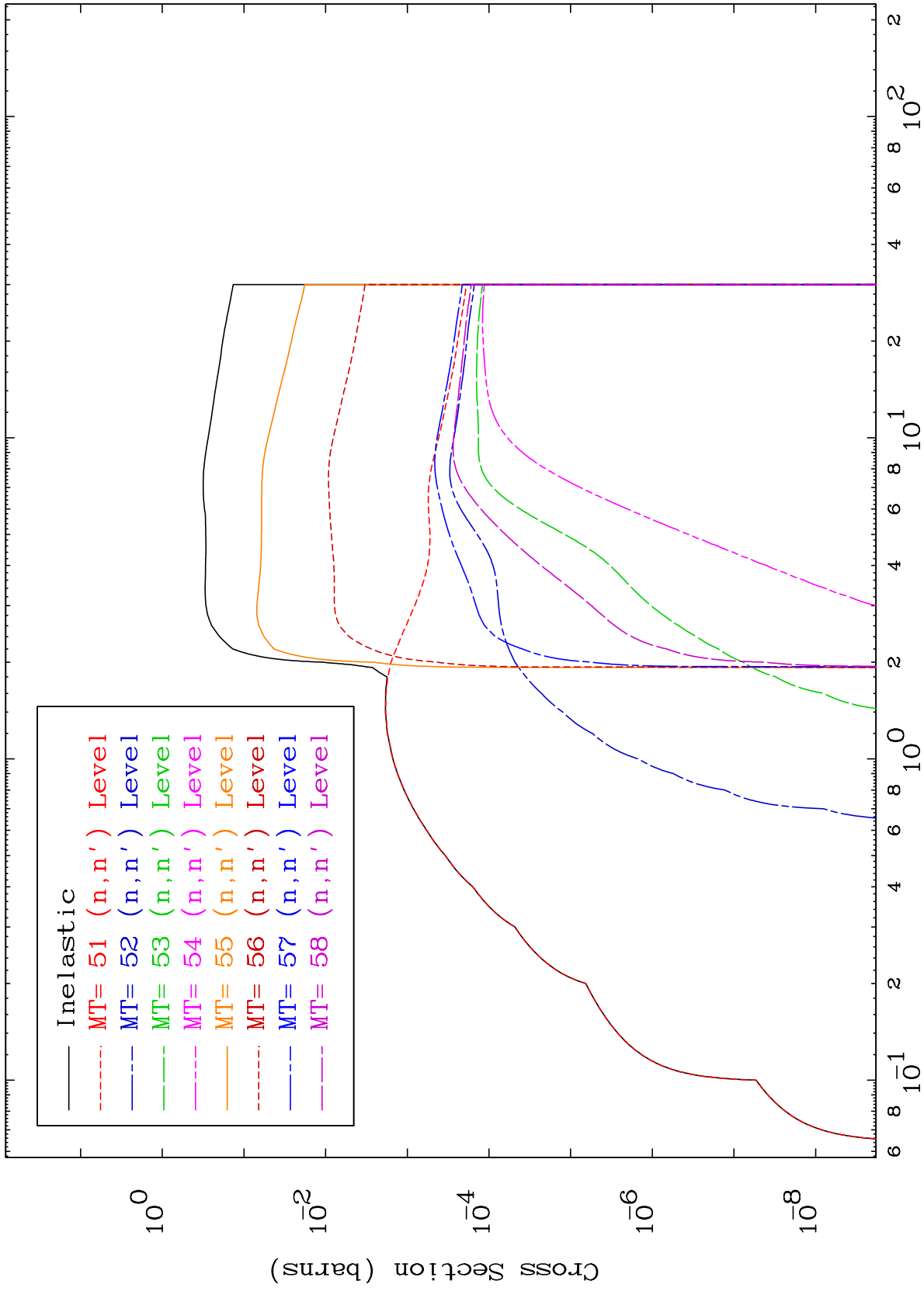
73-Ta-159



MAT 7262

293 Kelvin Cross Sections

73-Ta-159



10

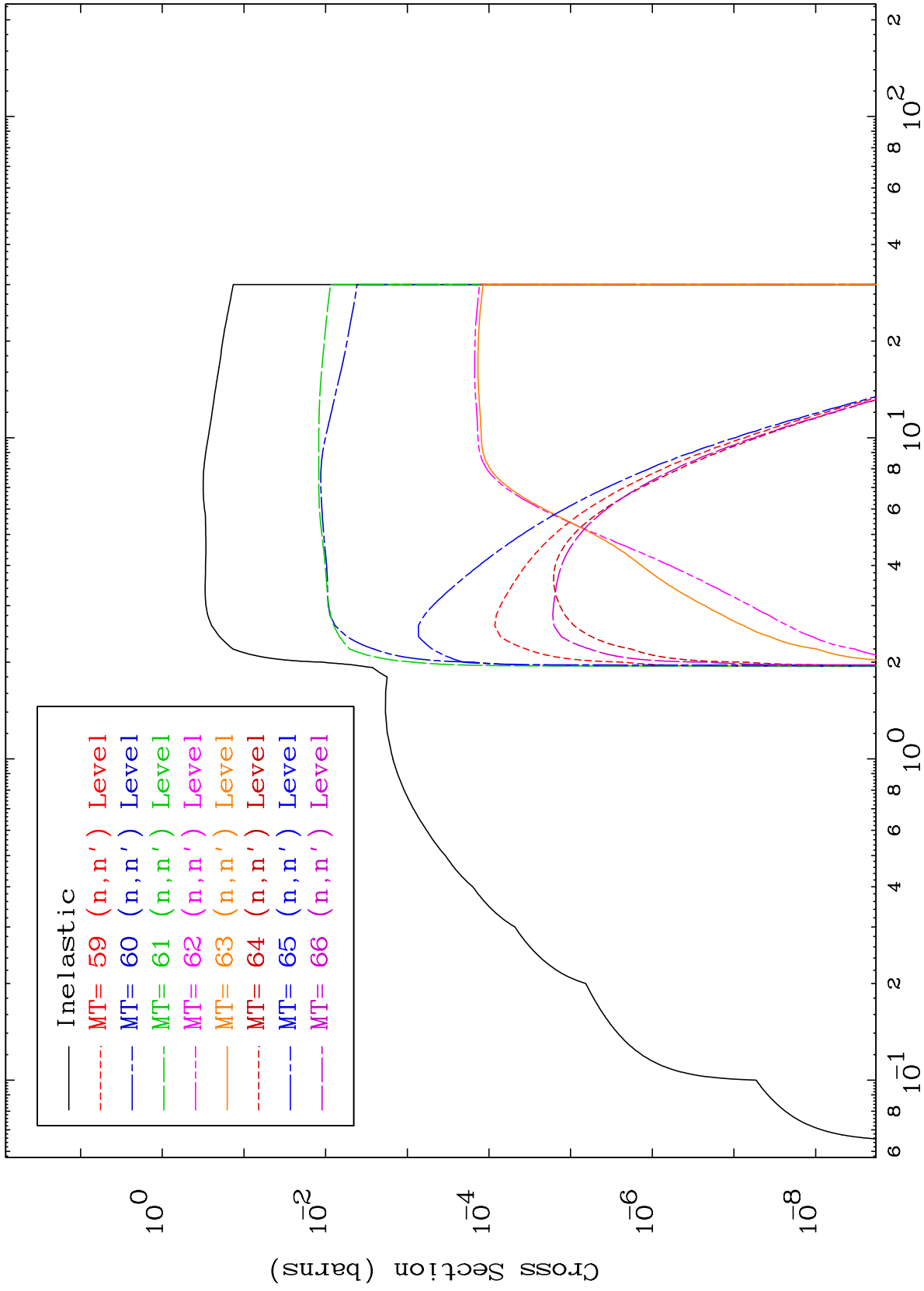
Incident Energy (MeV)

73-Ta-159

MAT 7262

(n,n') Levels  
293 Kelvin Cross Sections

73-Ta-159



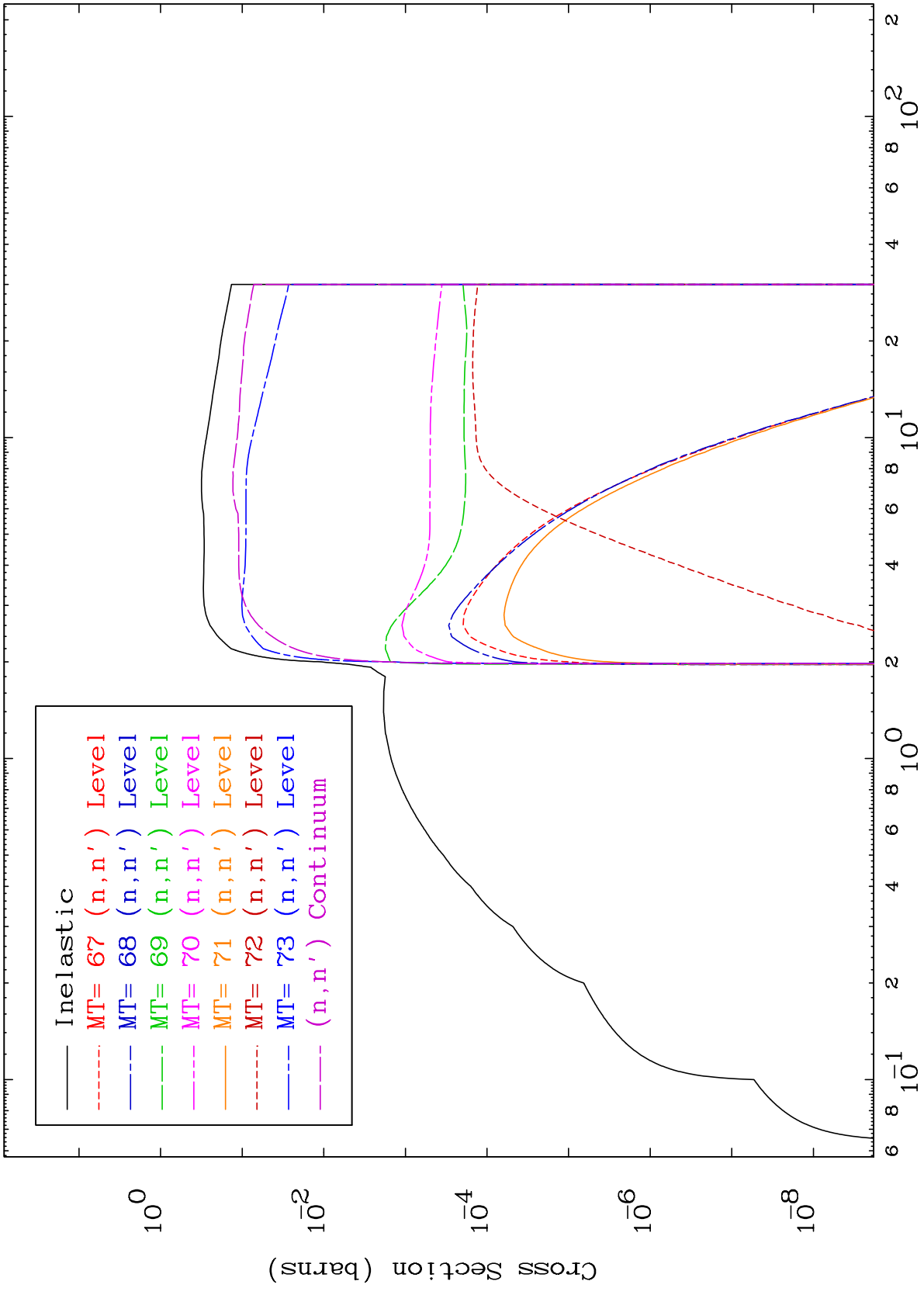
11

73-Ta-159

MAT 7262

293 Kelvin Cross Sections  
(n,n') Levels

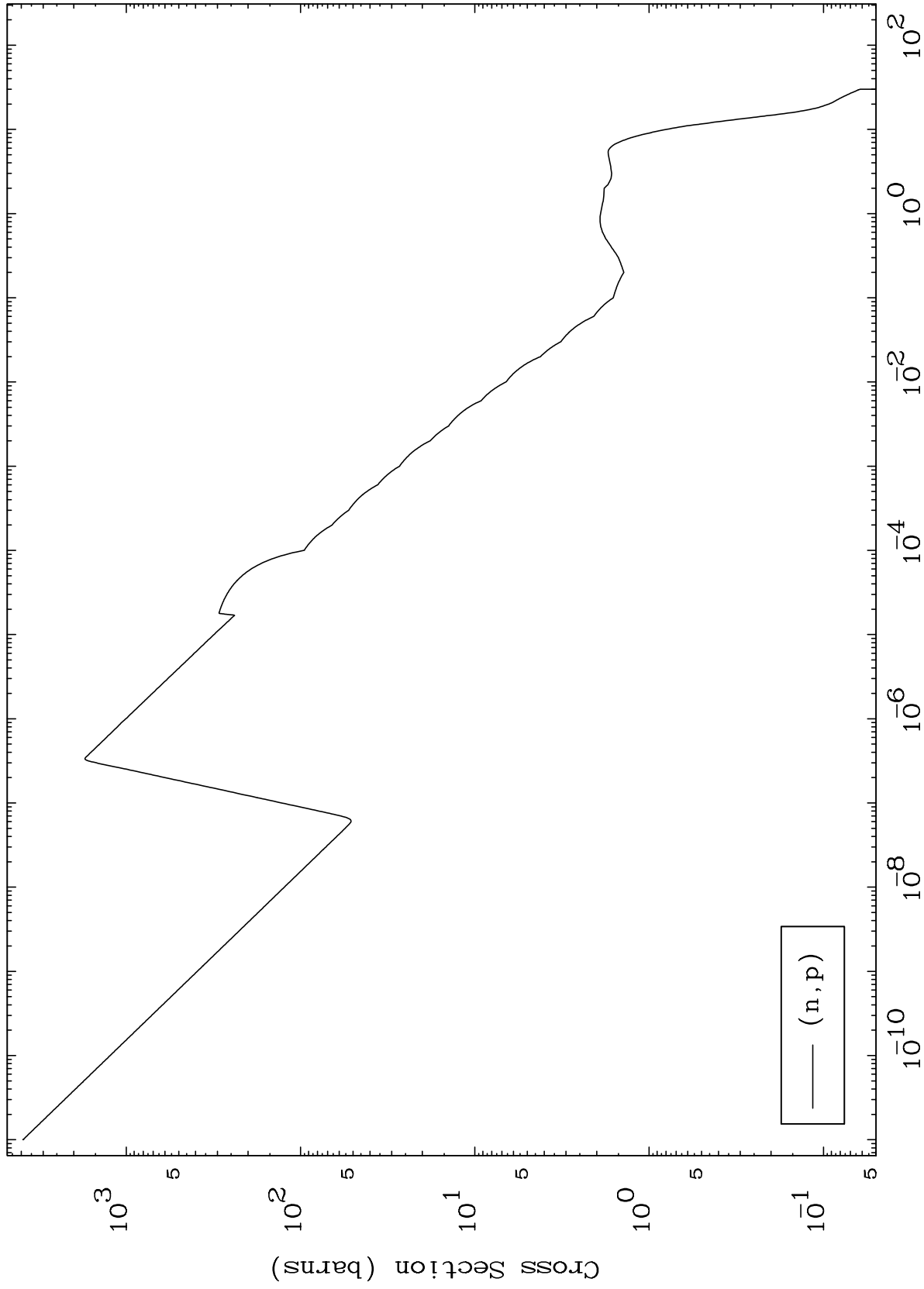
73-Ta-159



MAT 7262

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-159



13

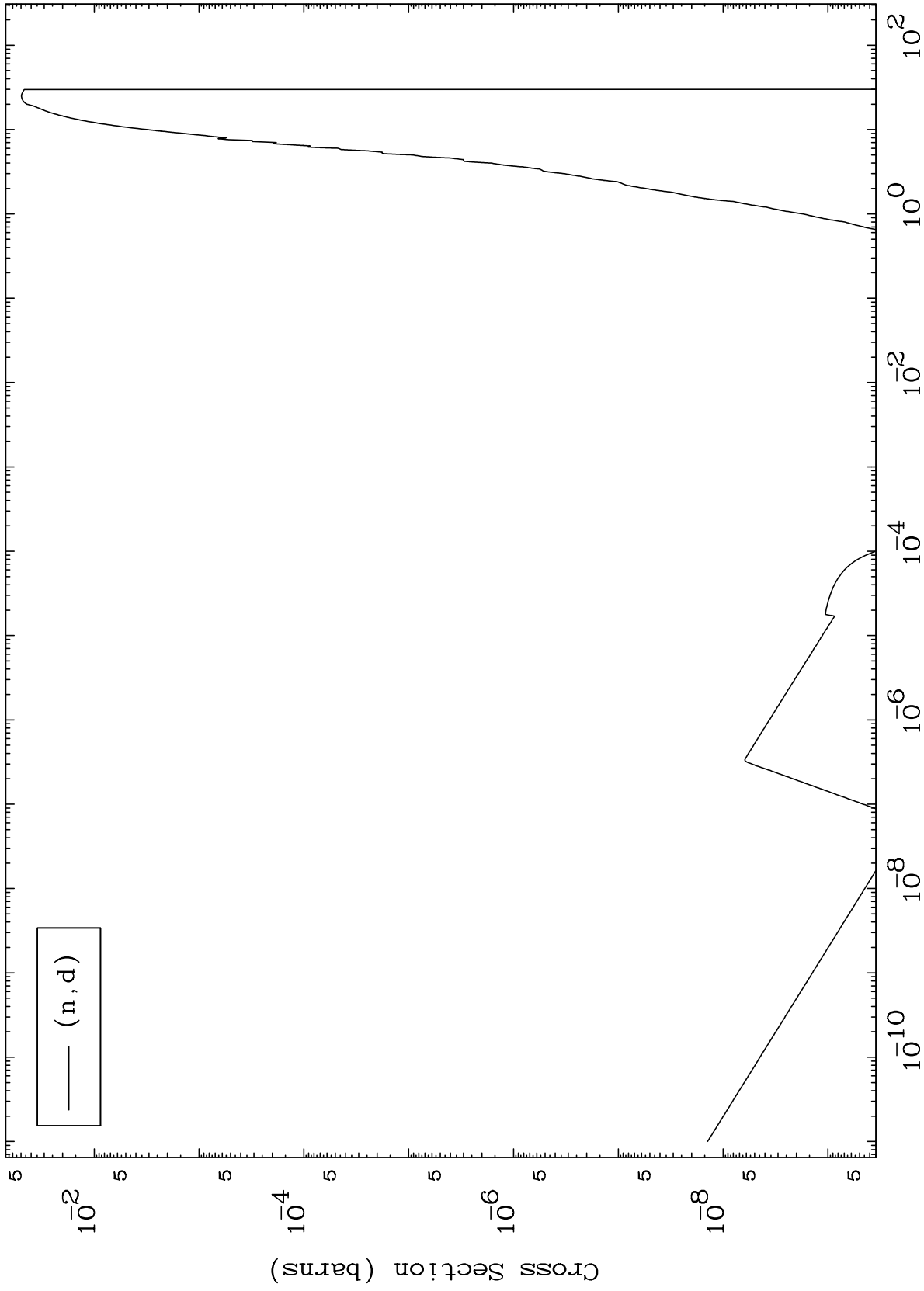
Incident Energy (MeV)

73-Ta-159

MAT 7262

(n,d) Levels  
293 Kelvin Cross Sections

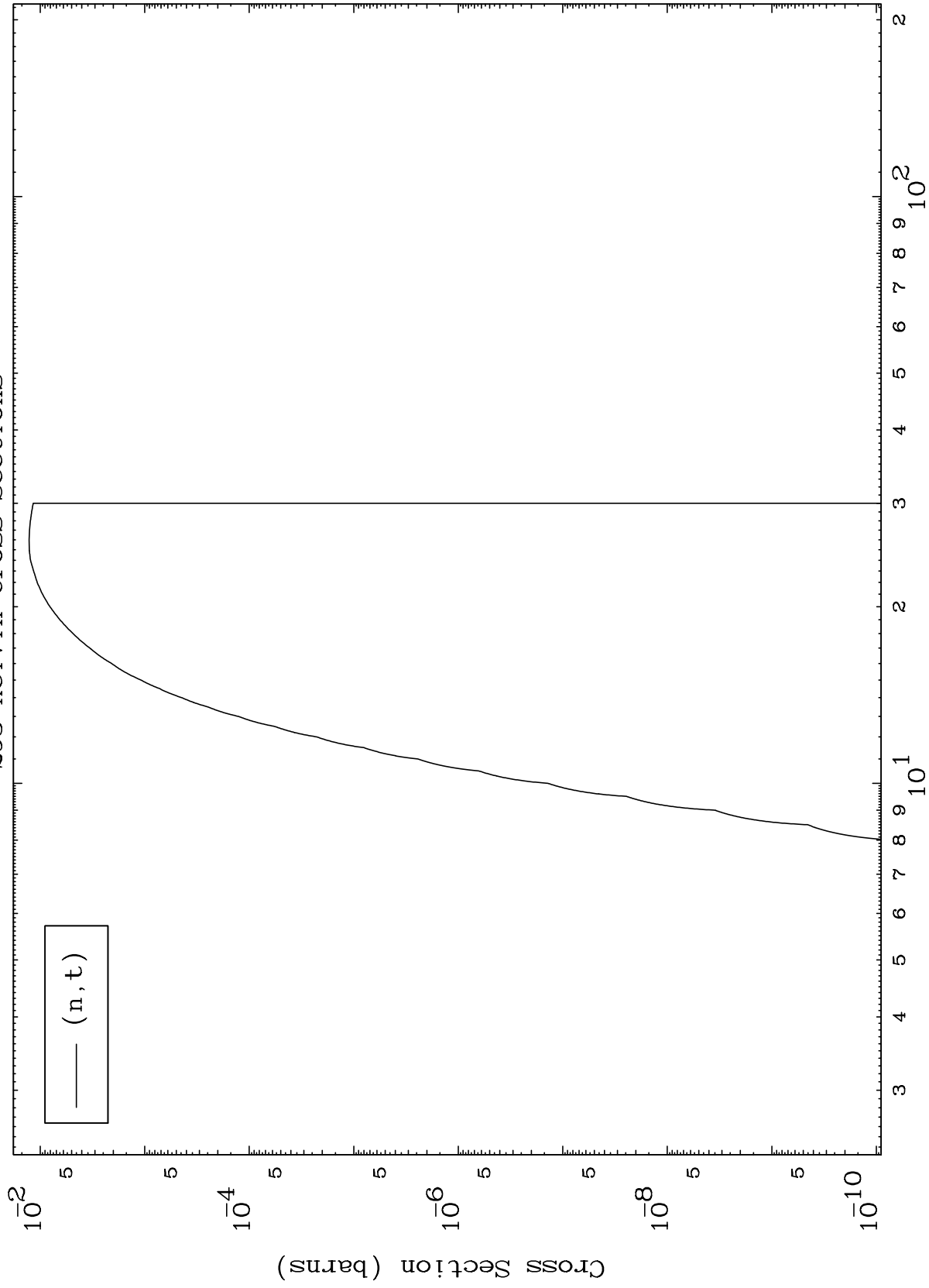
73-Ta-159



MAT 7262

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-159



15

Incident Energy (MeV)

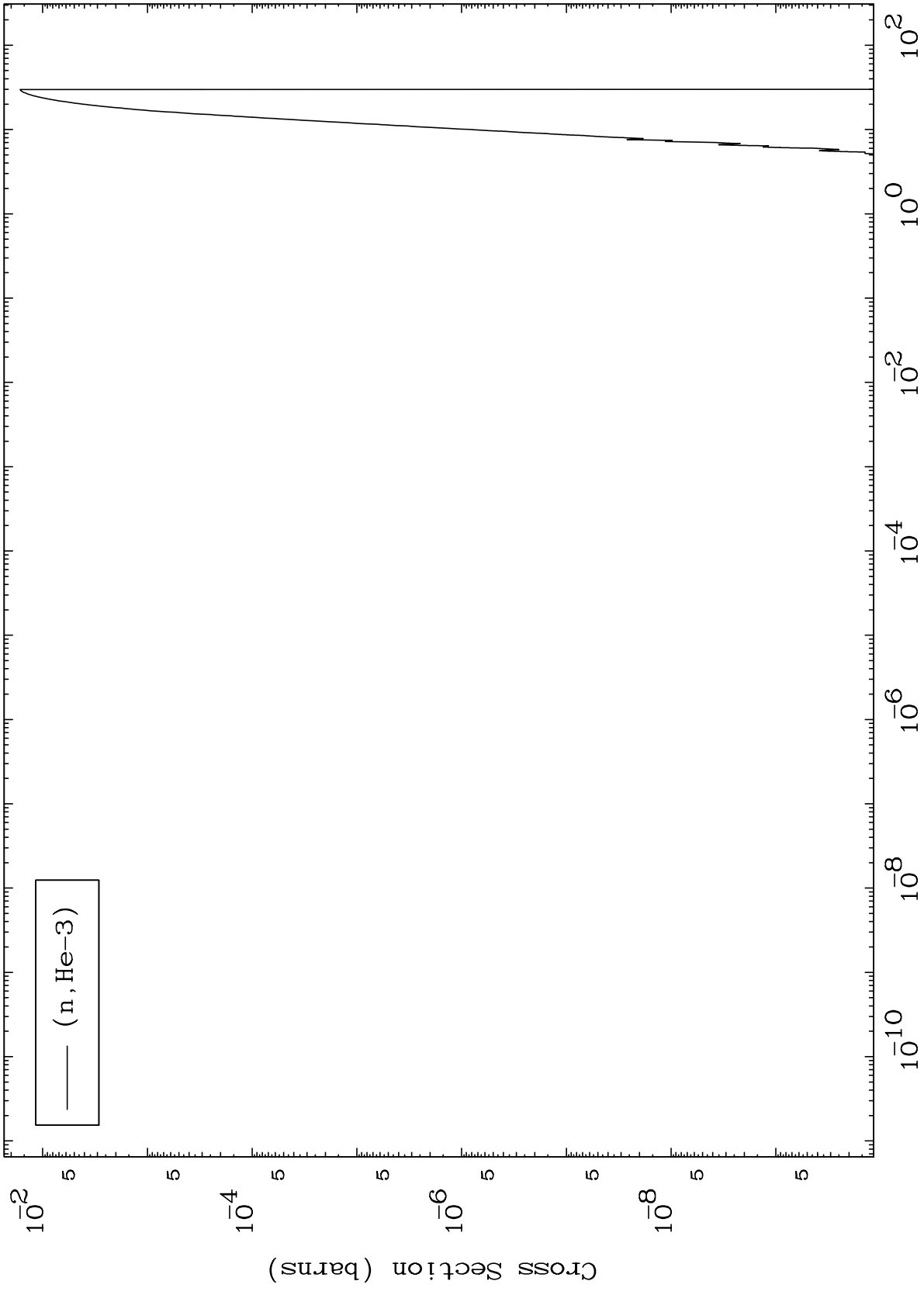
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MAT 7262

(n,He3) Levels  
293 Kelvin Cross Sections

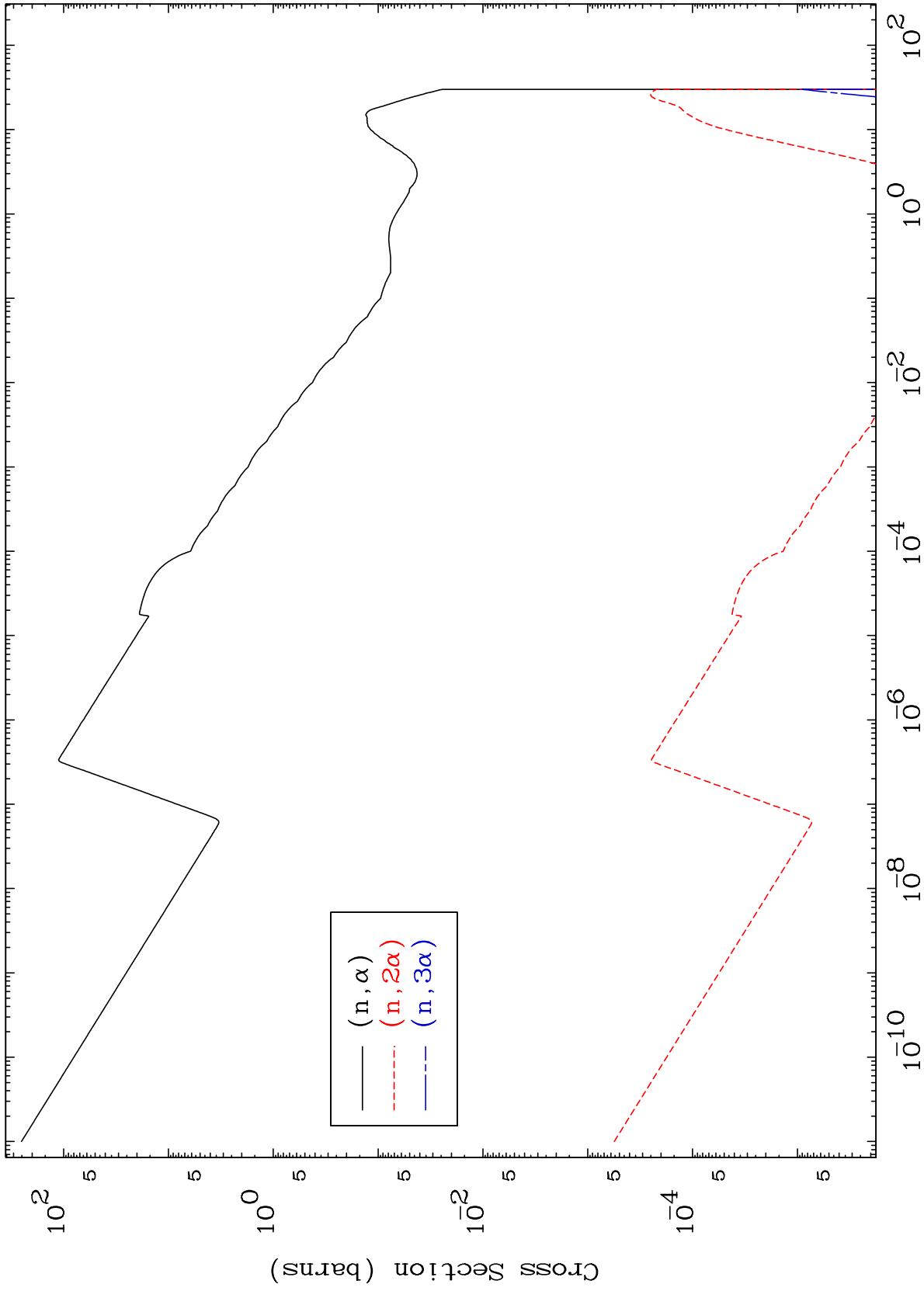
73-Ta-159



MAT 7262

(n,α) Levels  
293 Kelvin Cross Sections

73-Ta-159



17

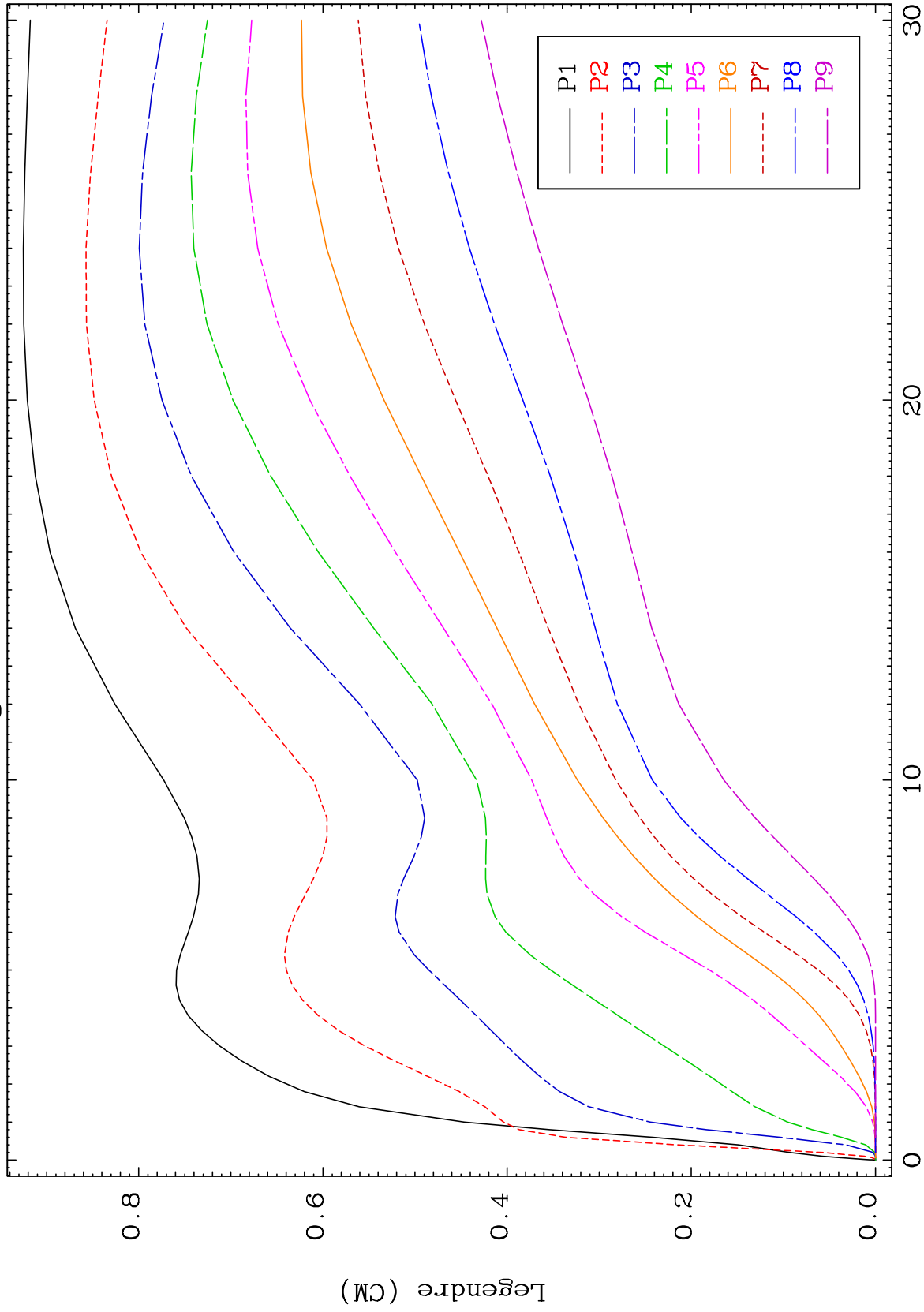
Incident Energy (MeV)

73-Ta-159

MAT 7262

Elastic Legendre Coefficients

73-Ta-159

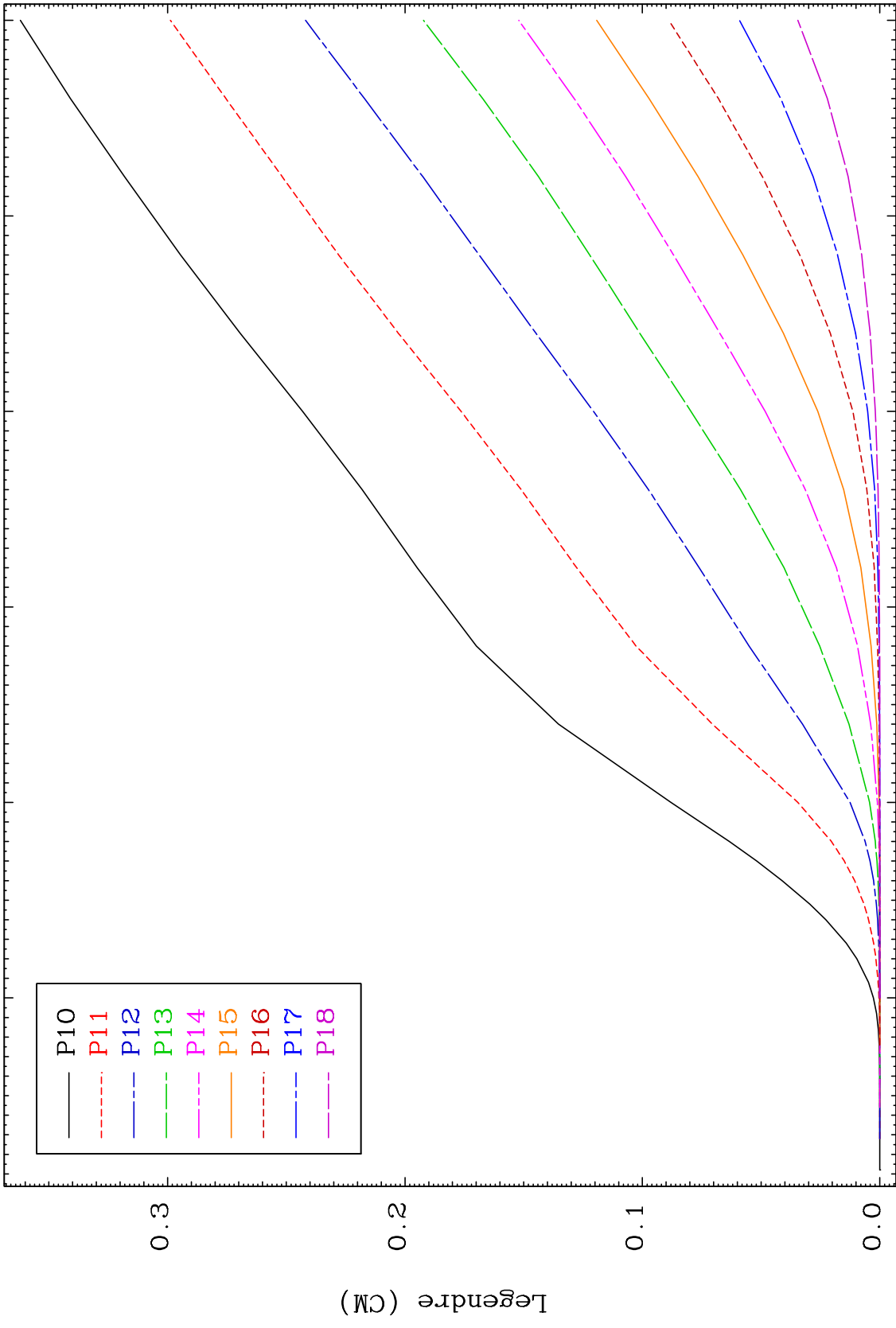


18

Incident Energy (MeV)

73-Ta-159

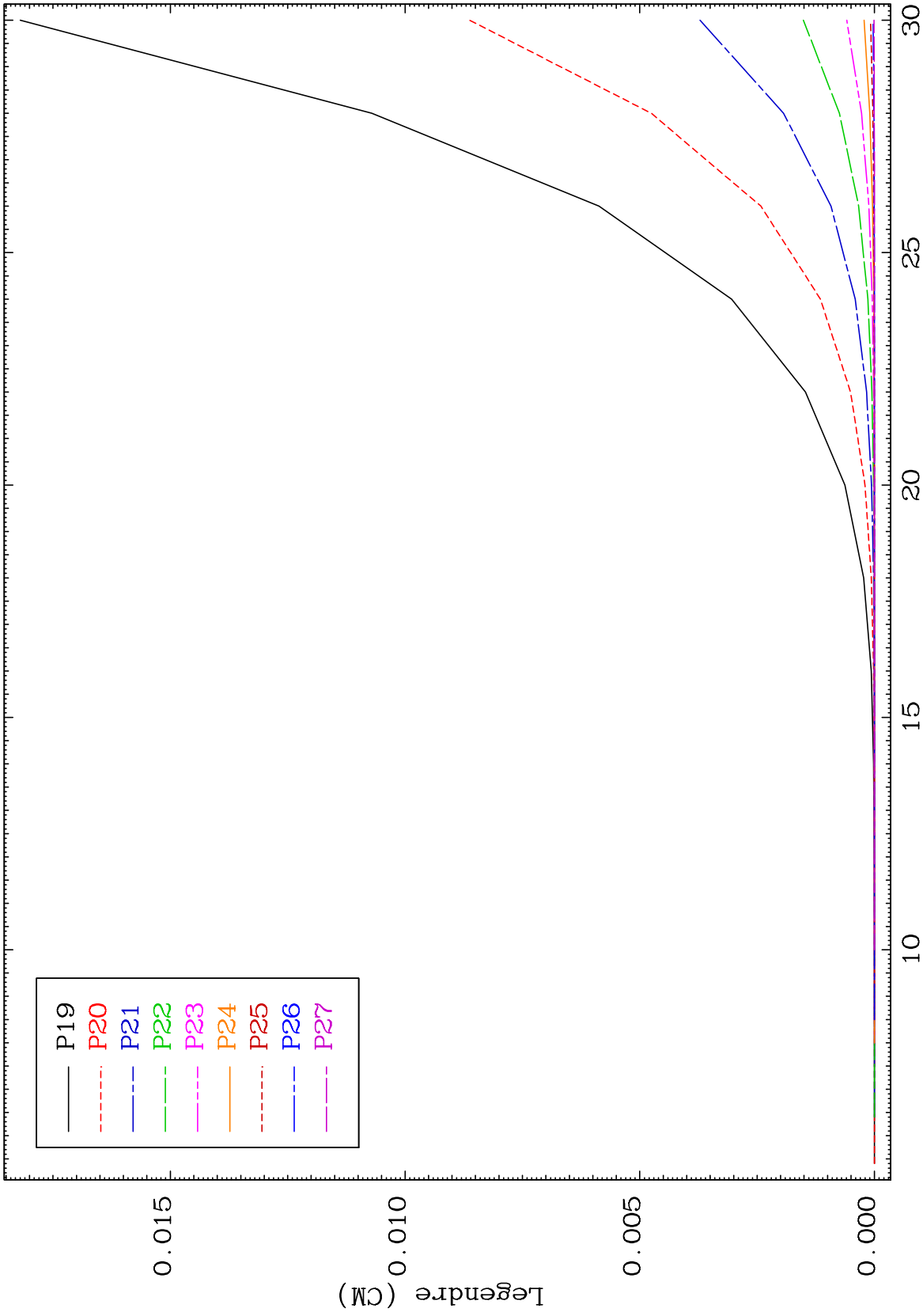
Elastic Legendre Coefficients



MAT 7262

Elastic Legendre Coefficients

<sup>73</sup>Ta-159



20

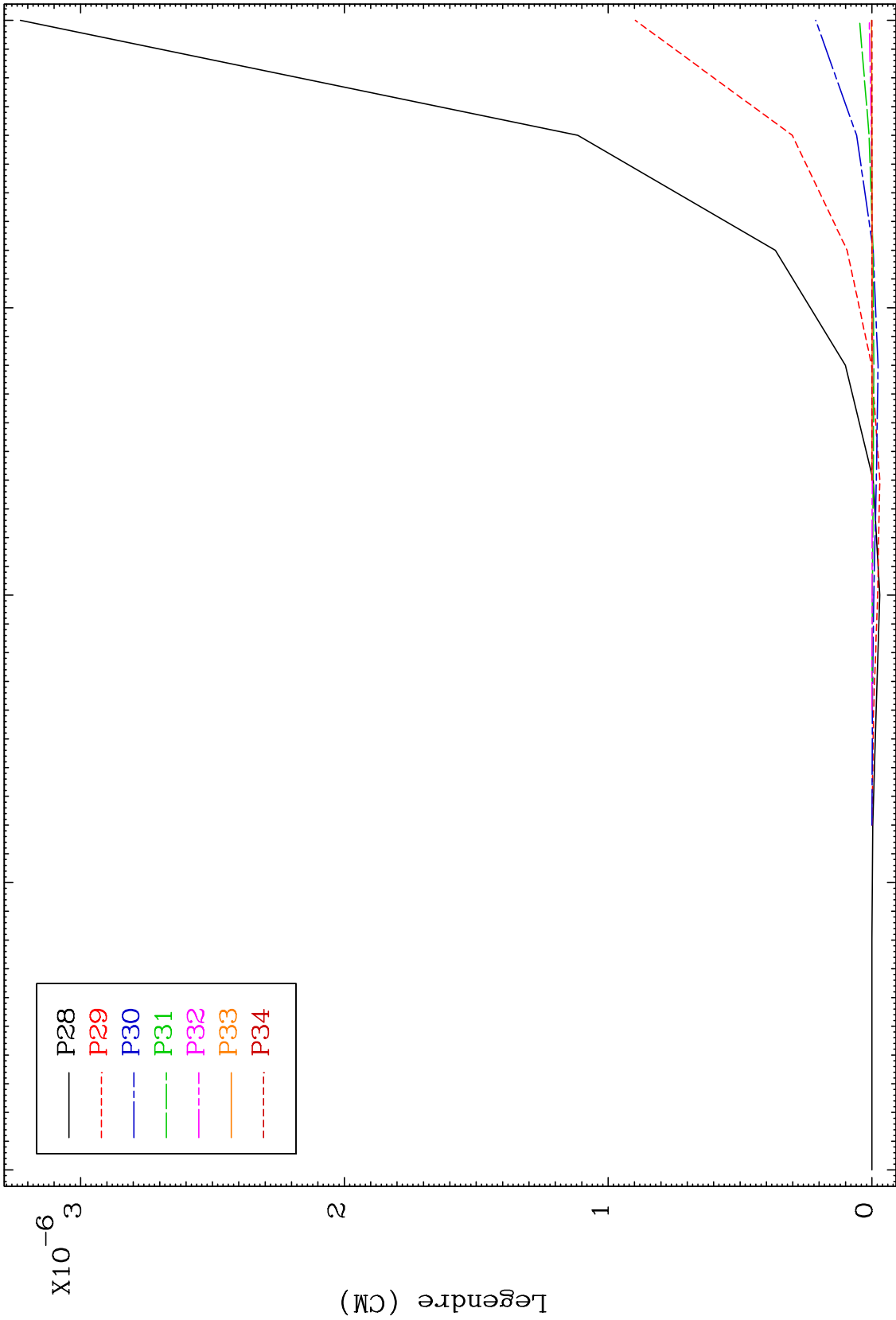
Incident Energy (MeV)

<sup>73</sup>Ta-159

MAT 7262

Elastic Legendre Coefficients

73-Ta-159



21

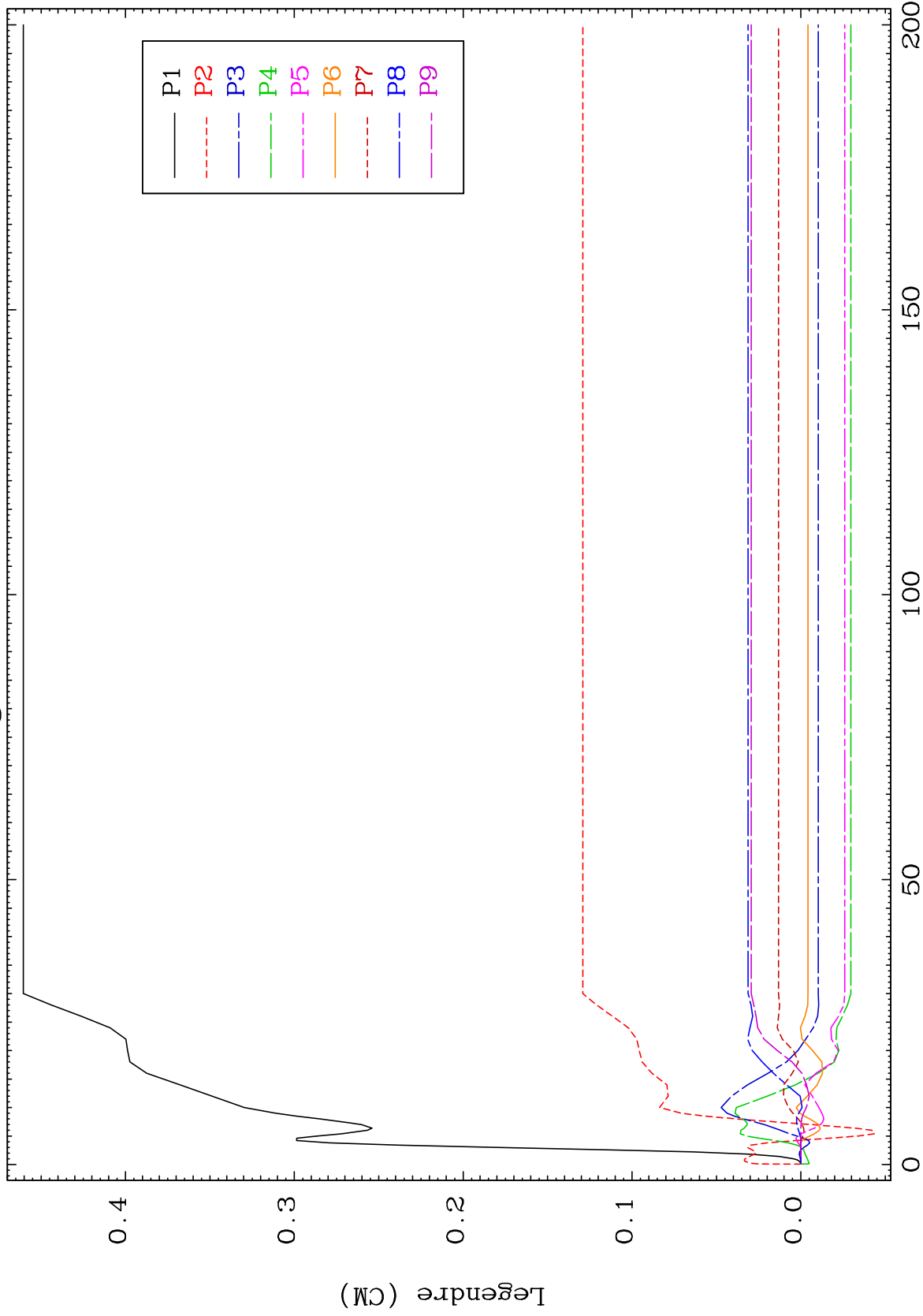
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



22

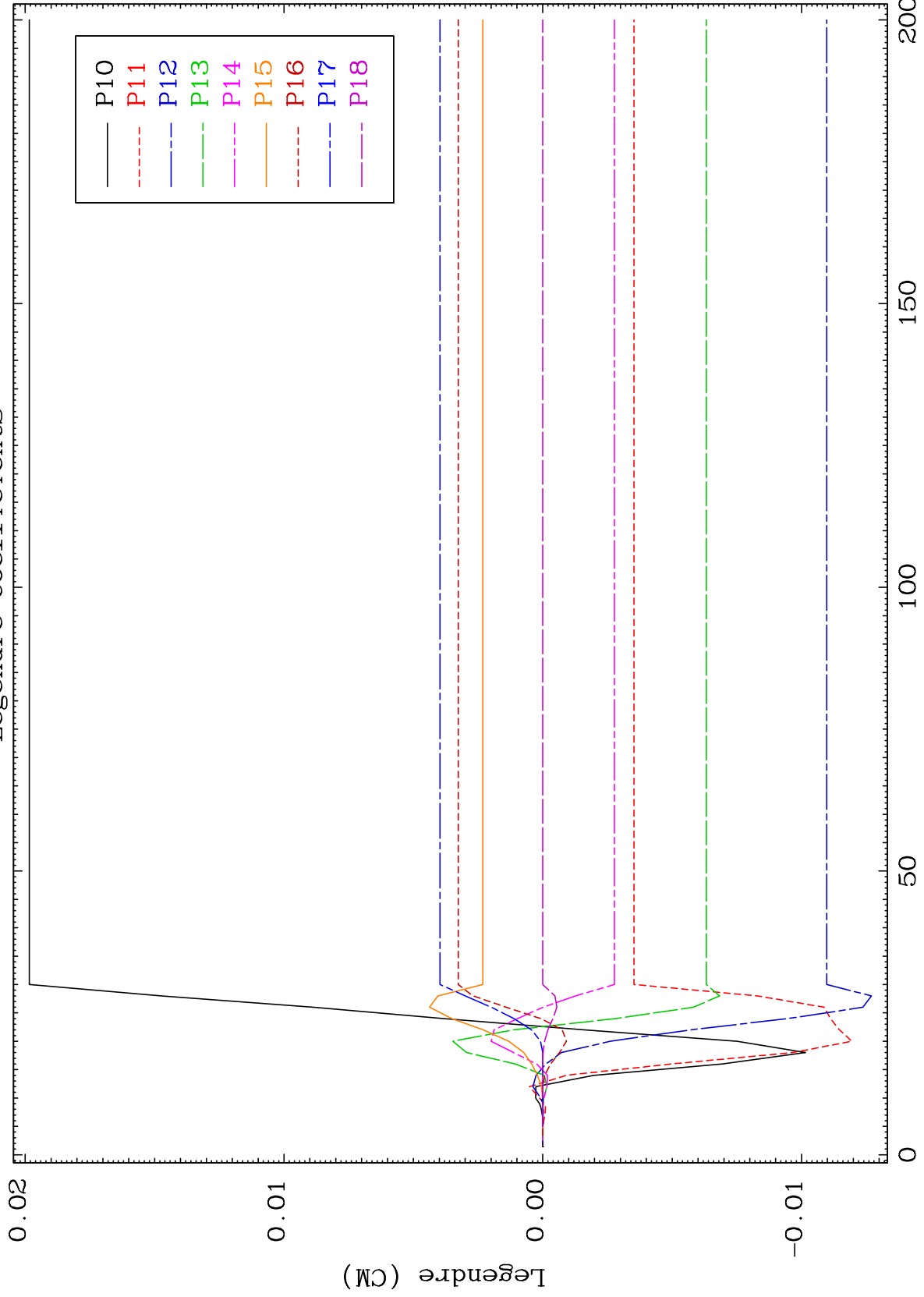
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



23

Incident Energy (MeV)

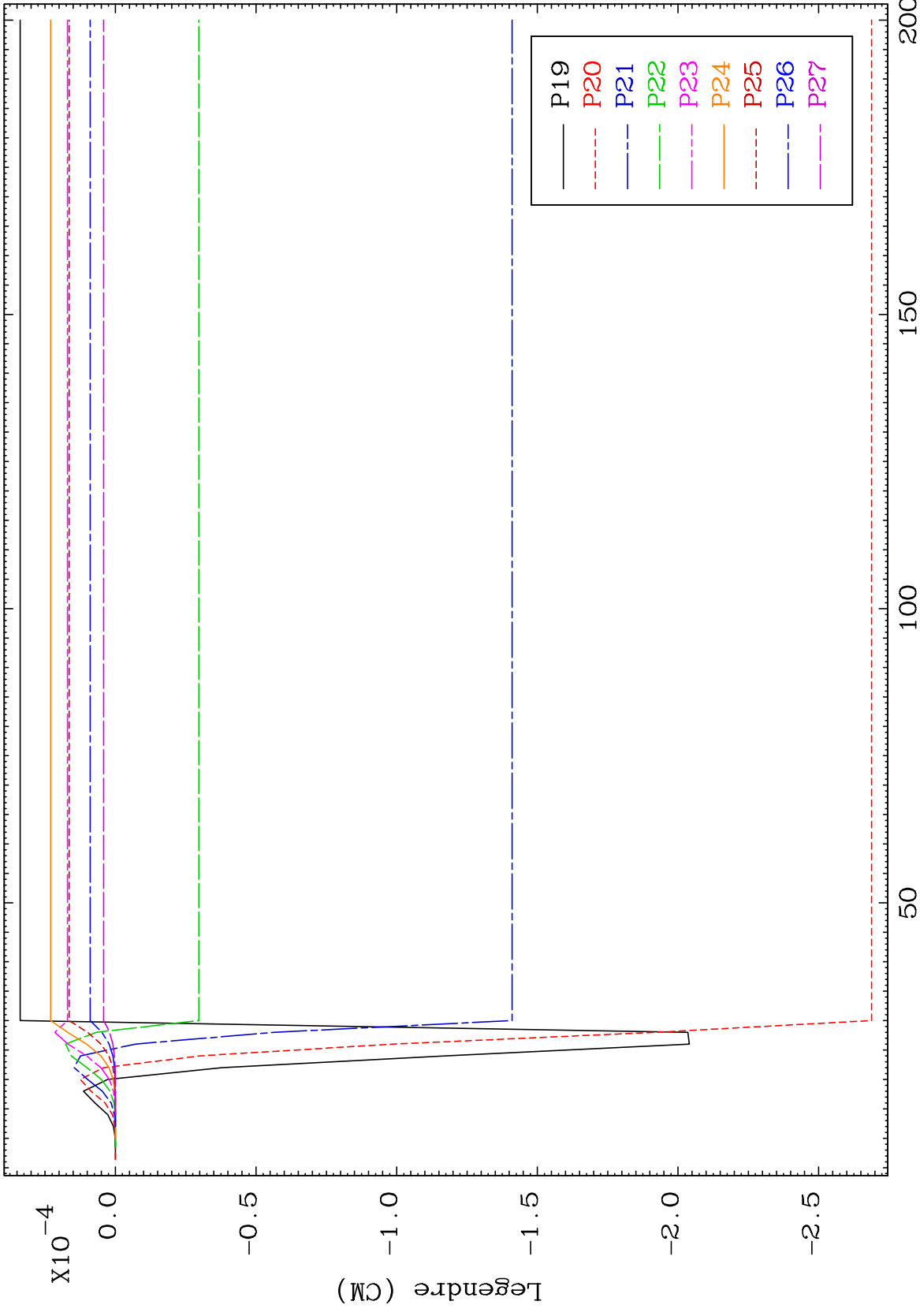
73-Ta-159



MAT 7262

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

73-Ta-159



24

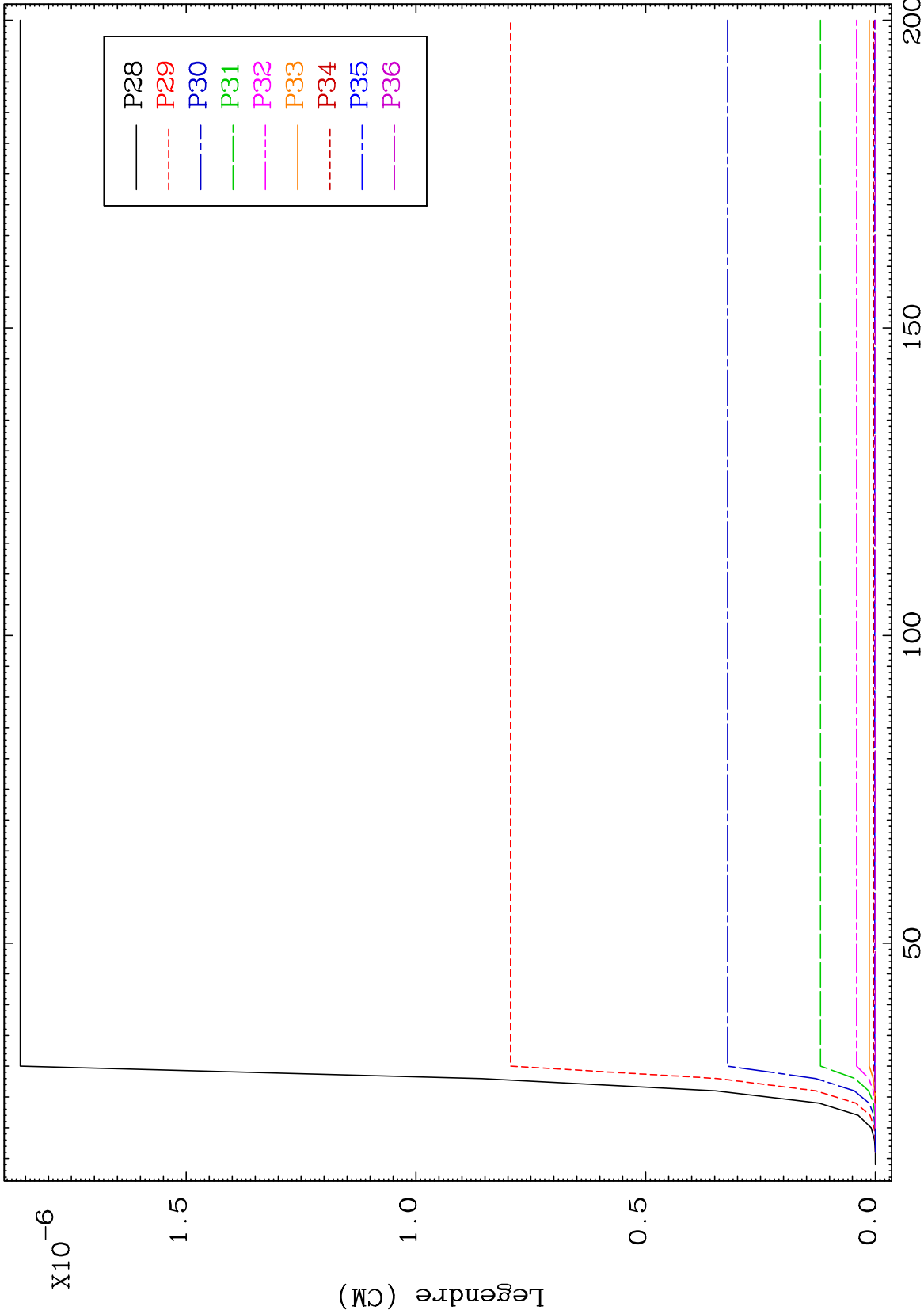
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



25

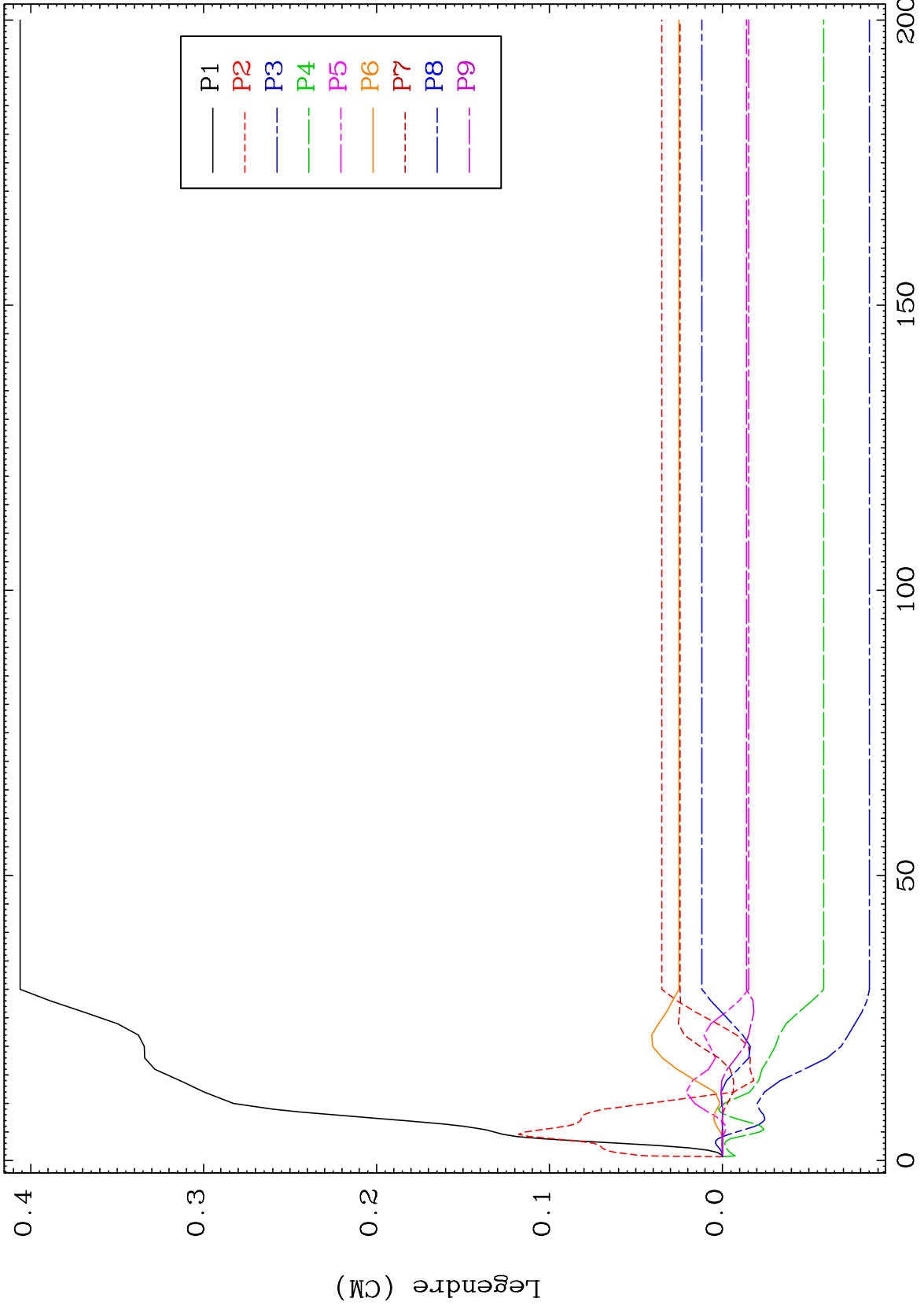
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



26

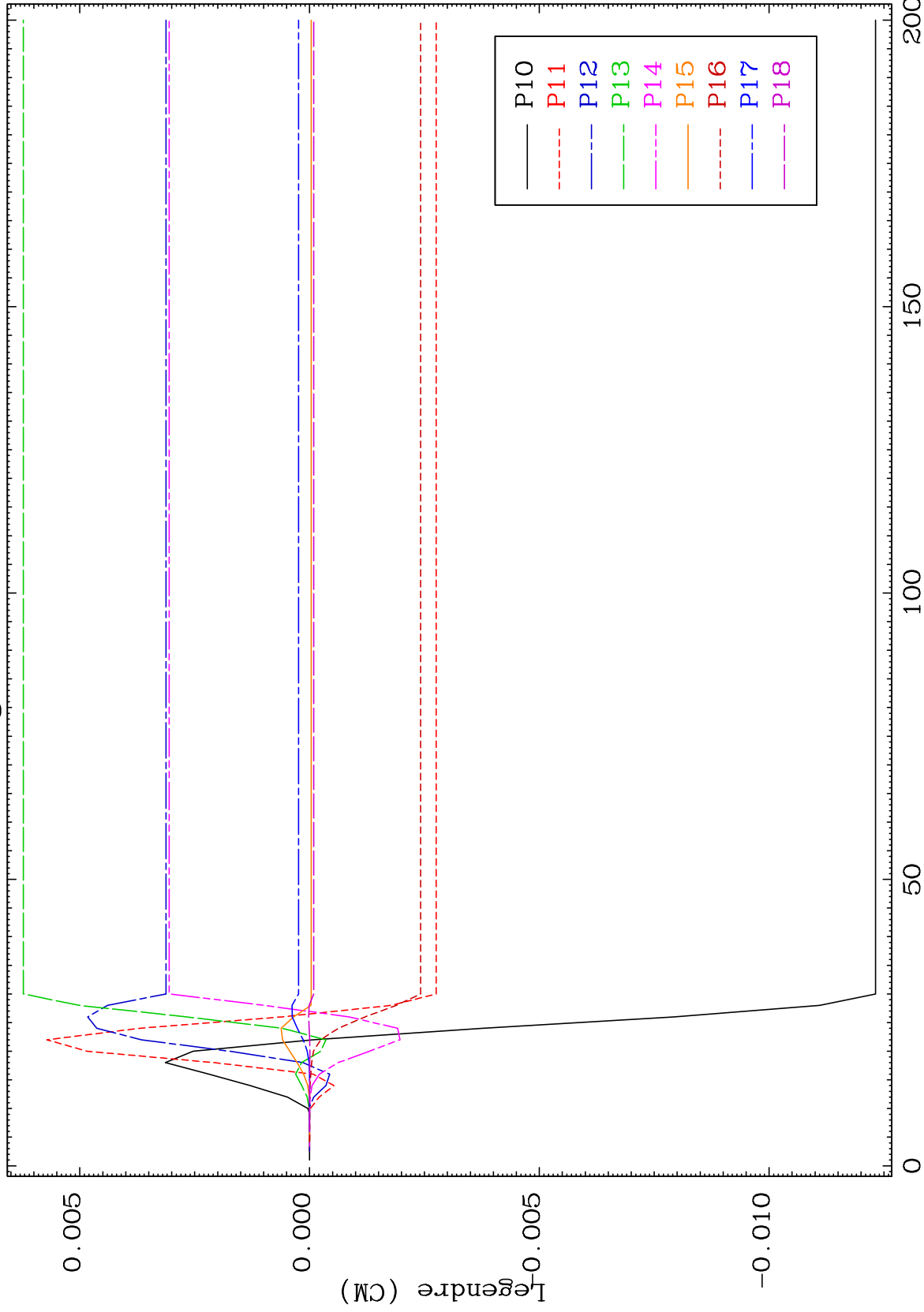
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



27

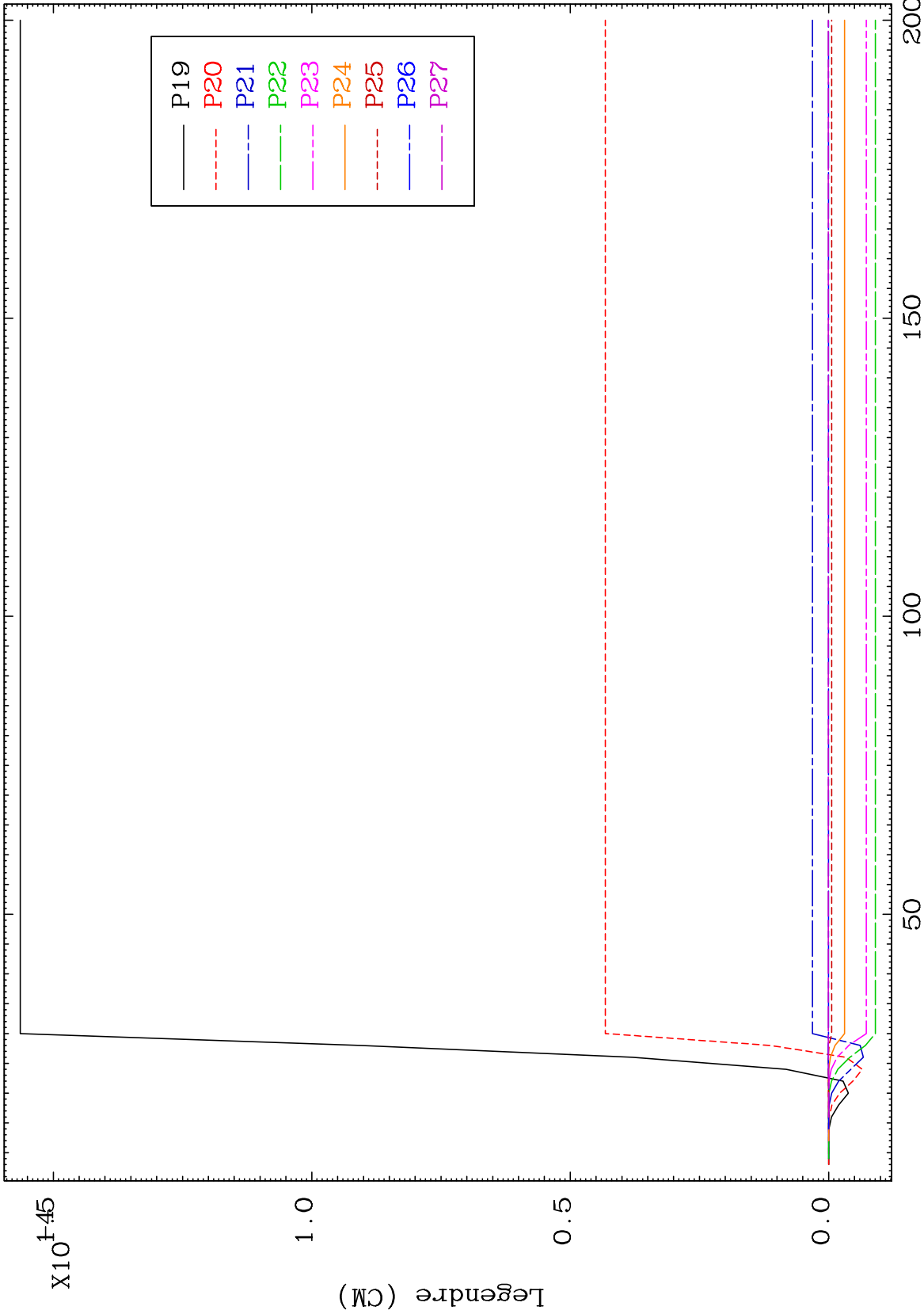
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



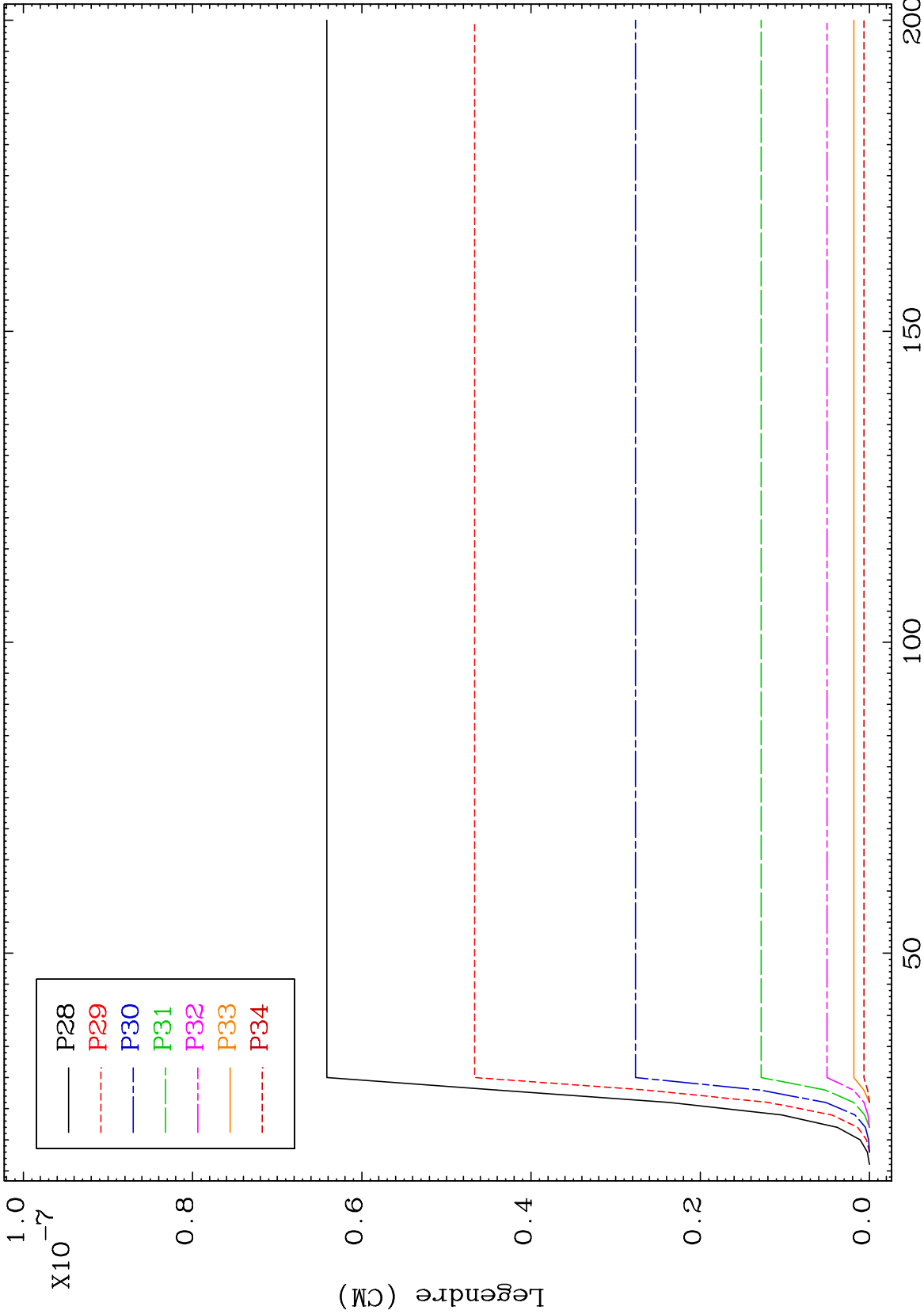
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73-Ta-159

MAT 7262

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

73-Ta-159



29

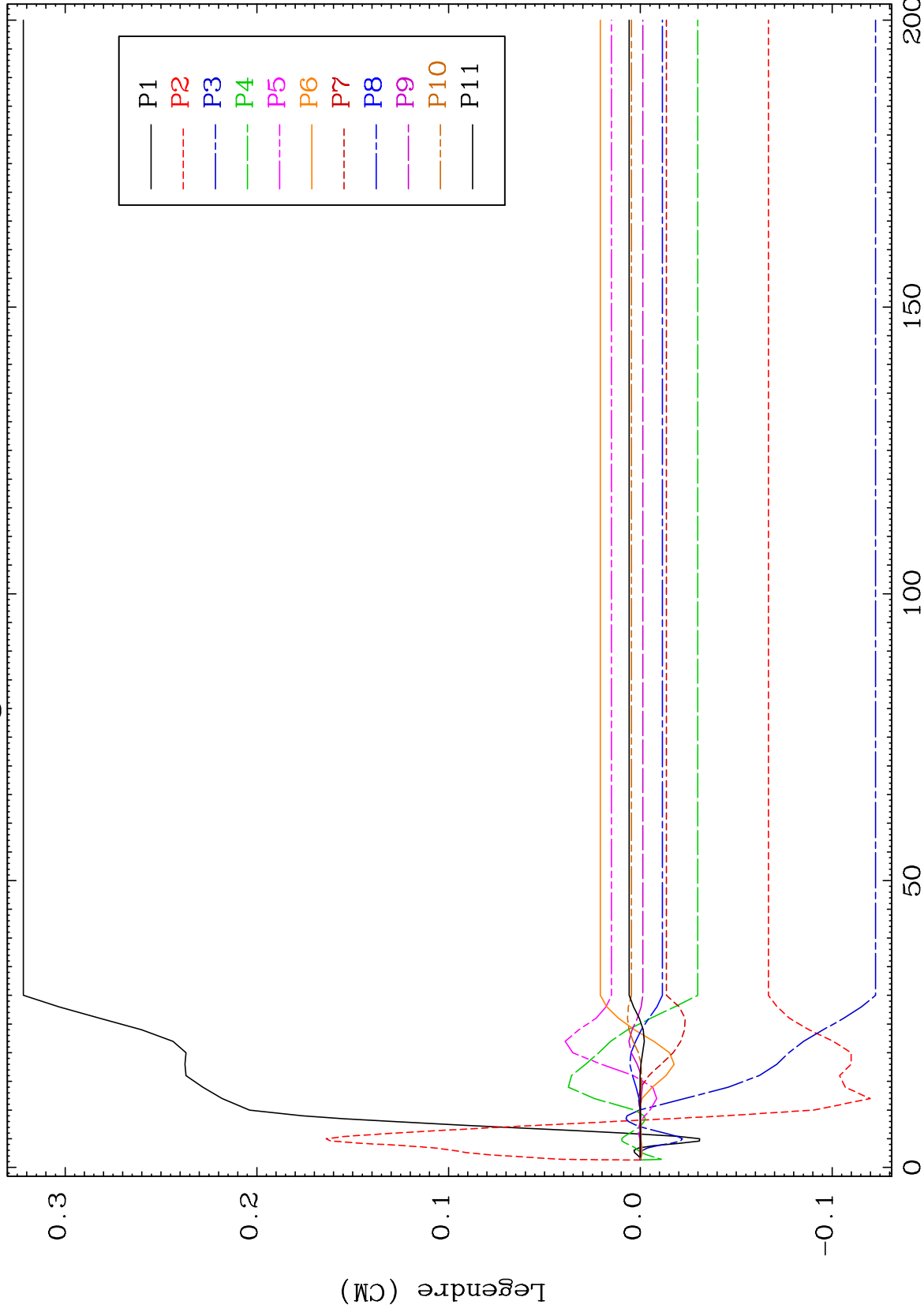
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

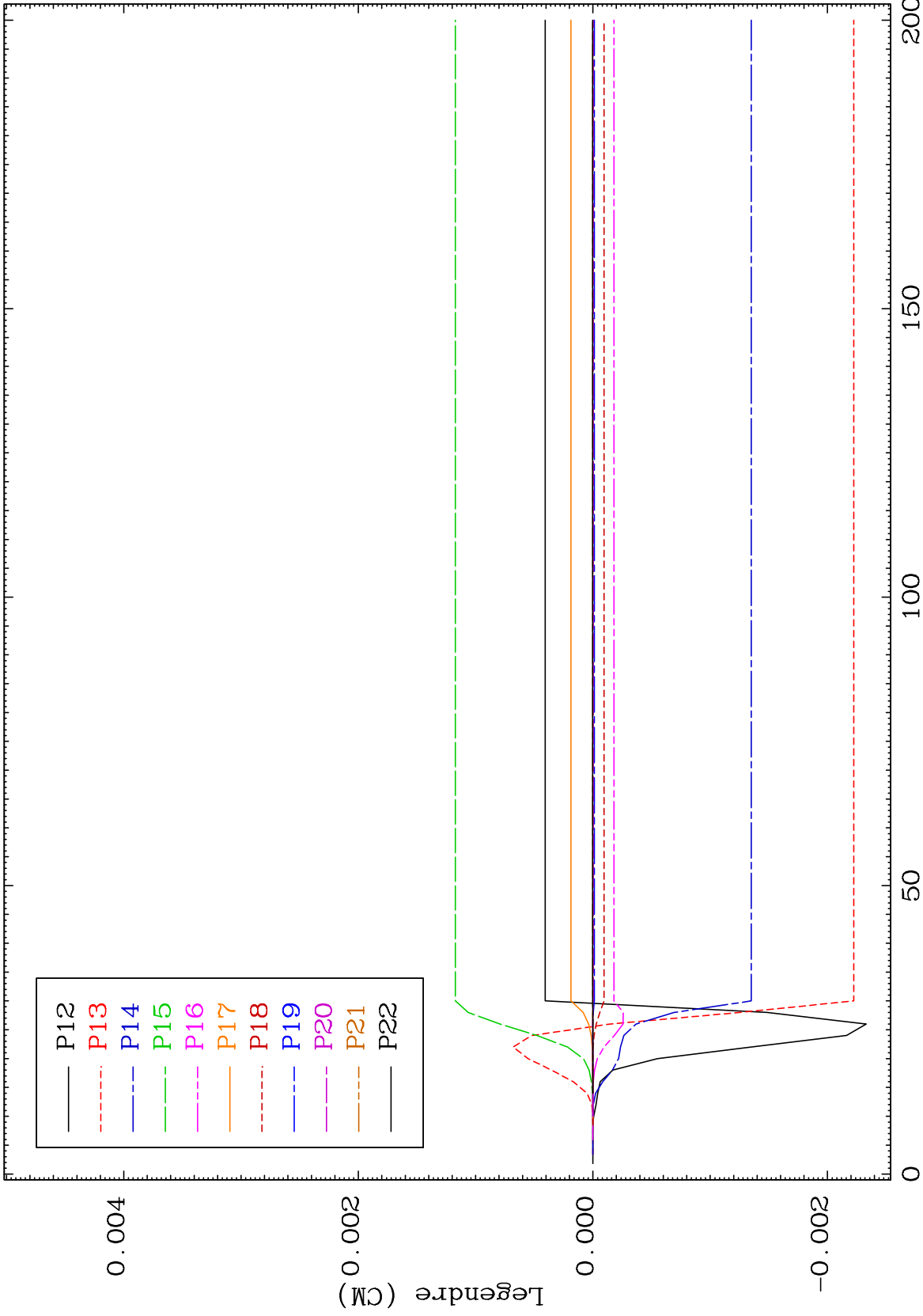
73-Ta-159



73-Ta-159

Incident Energy (MeV)

30

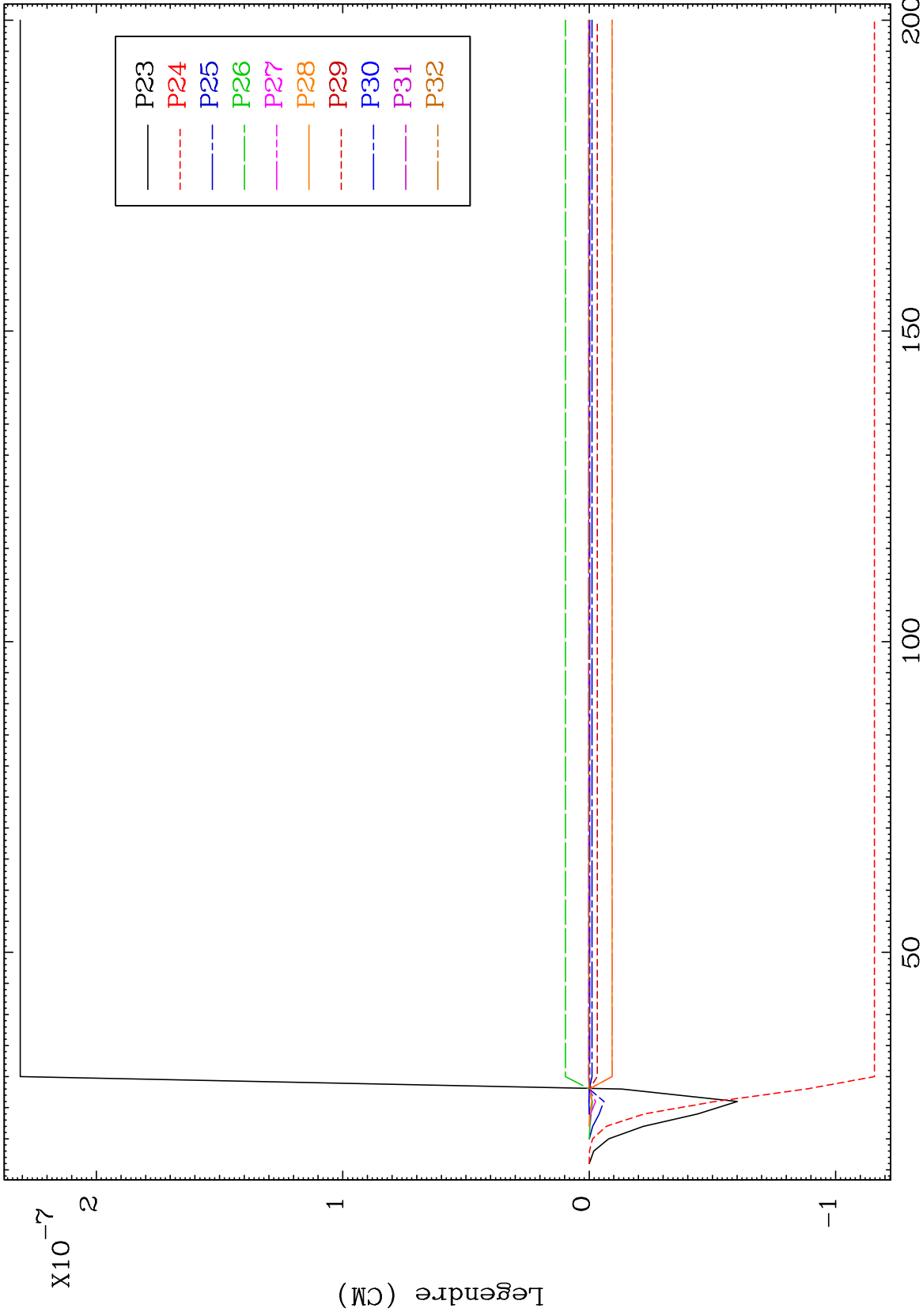




MAT 7262

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

73-Ta-159



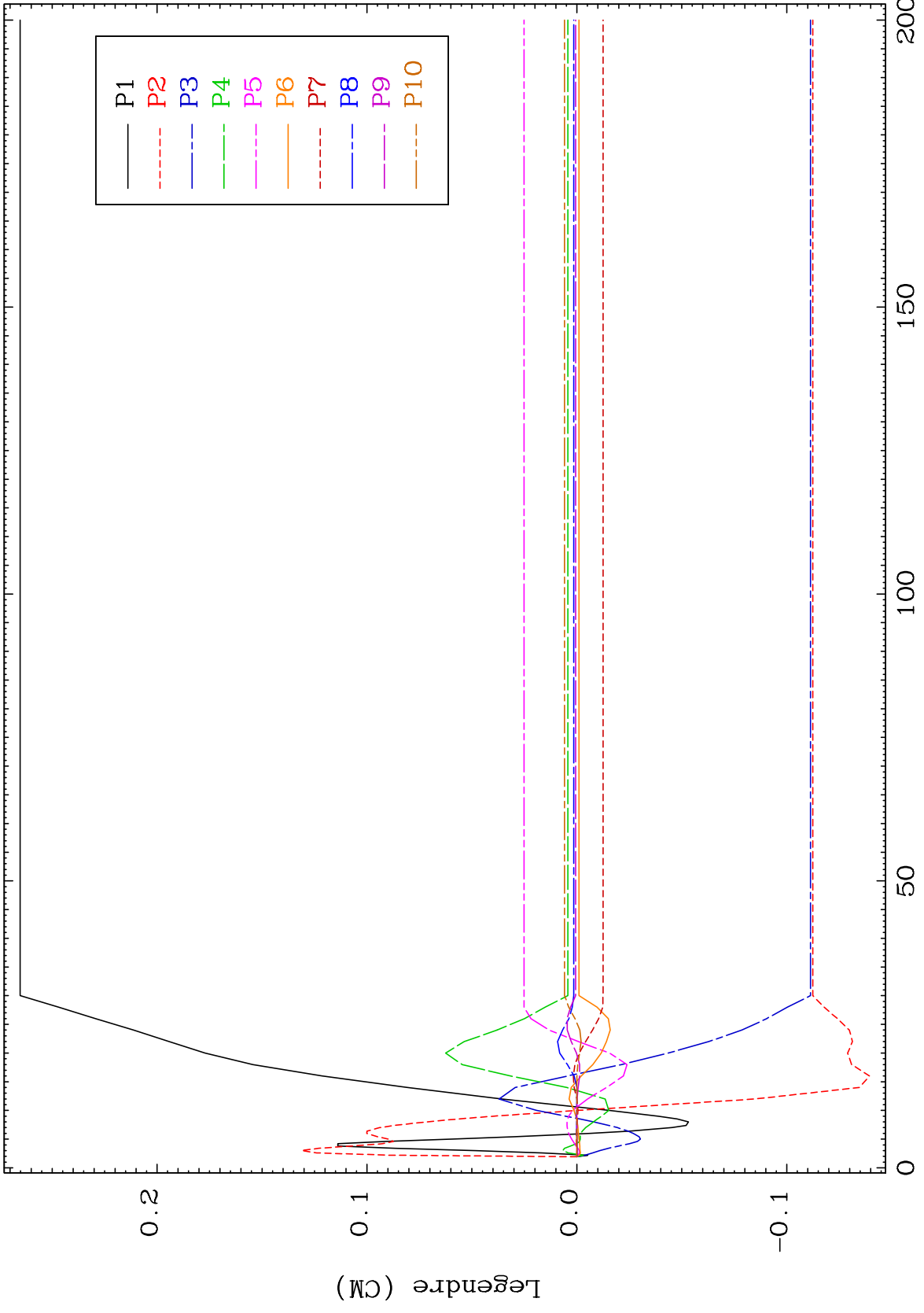
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73-Ta-159

MAT 7262

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

73-Ta-159



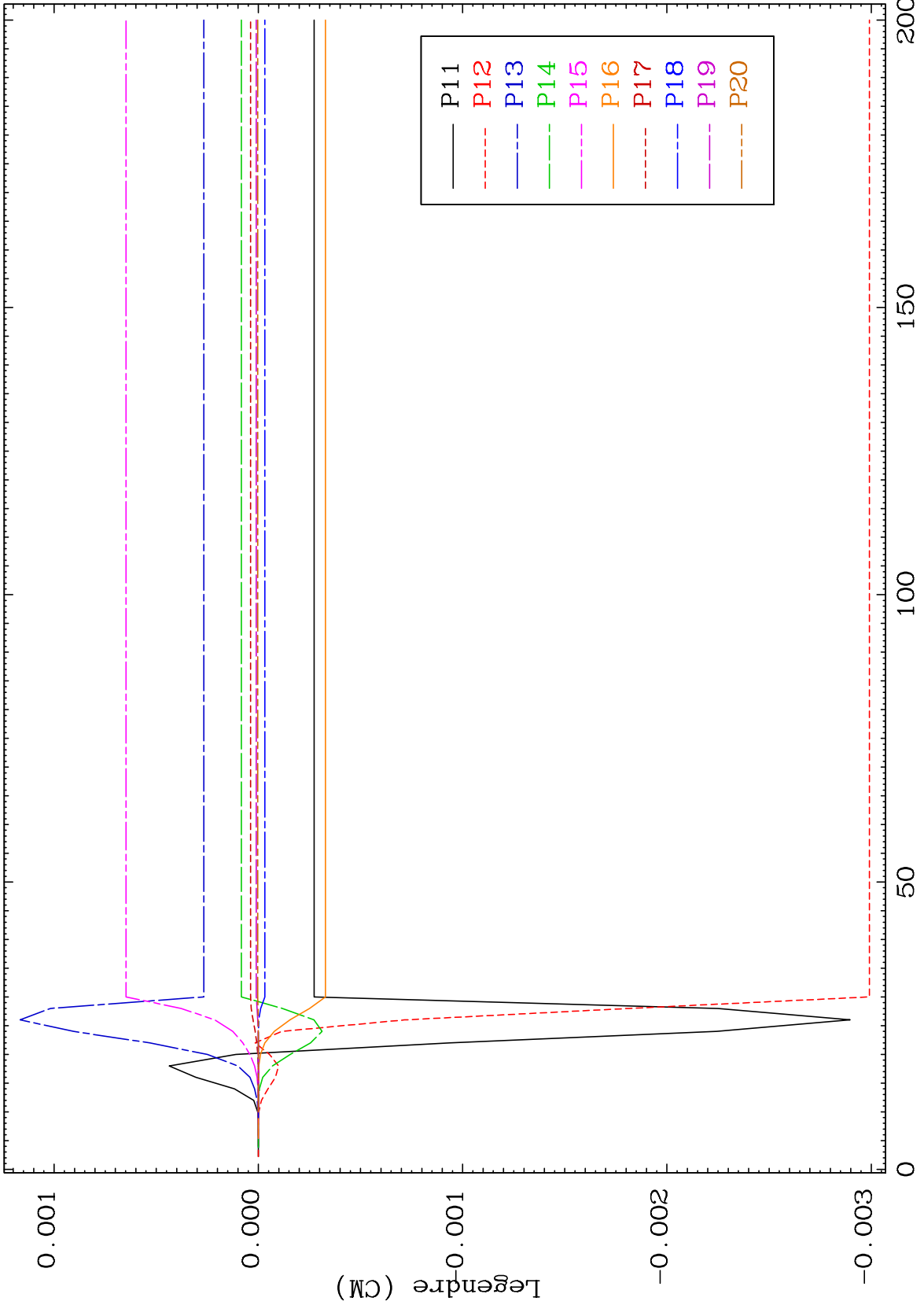
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73-Ta-159

MAT 7262

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

73-Ta-159



34

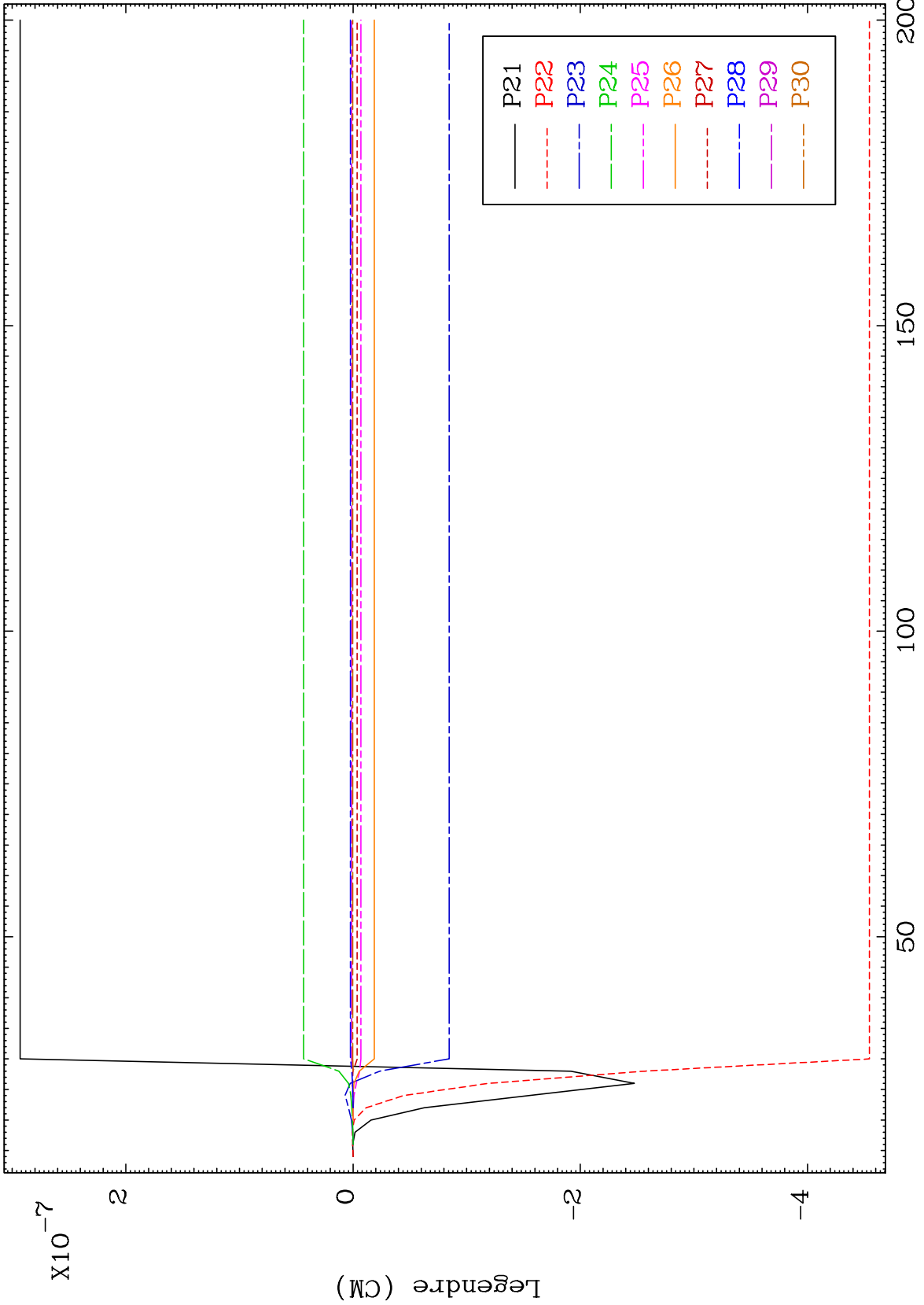
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



35

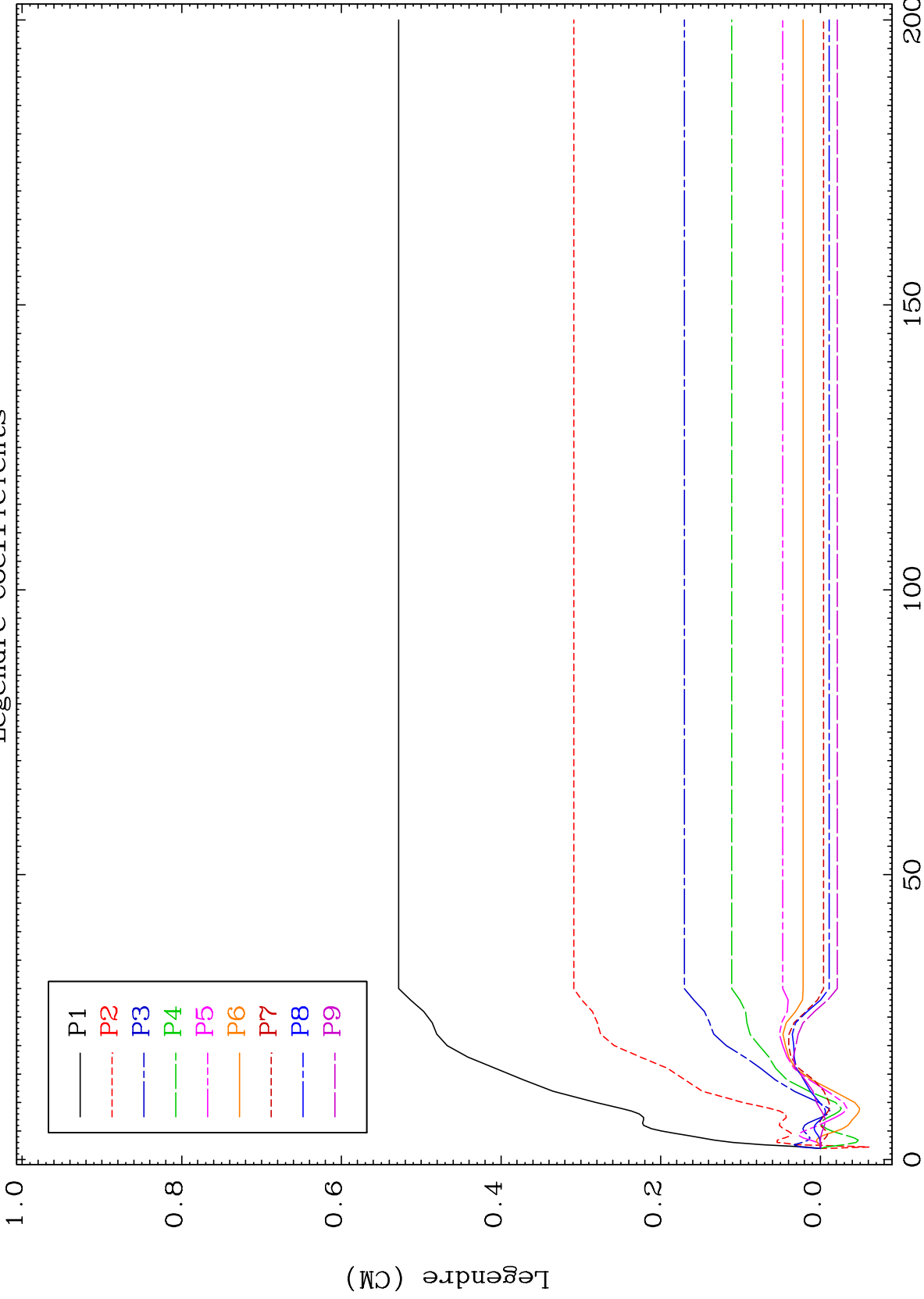
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



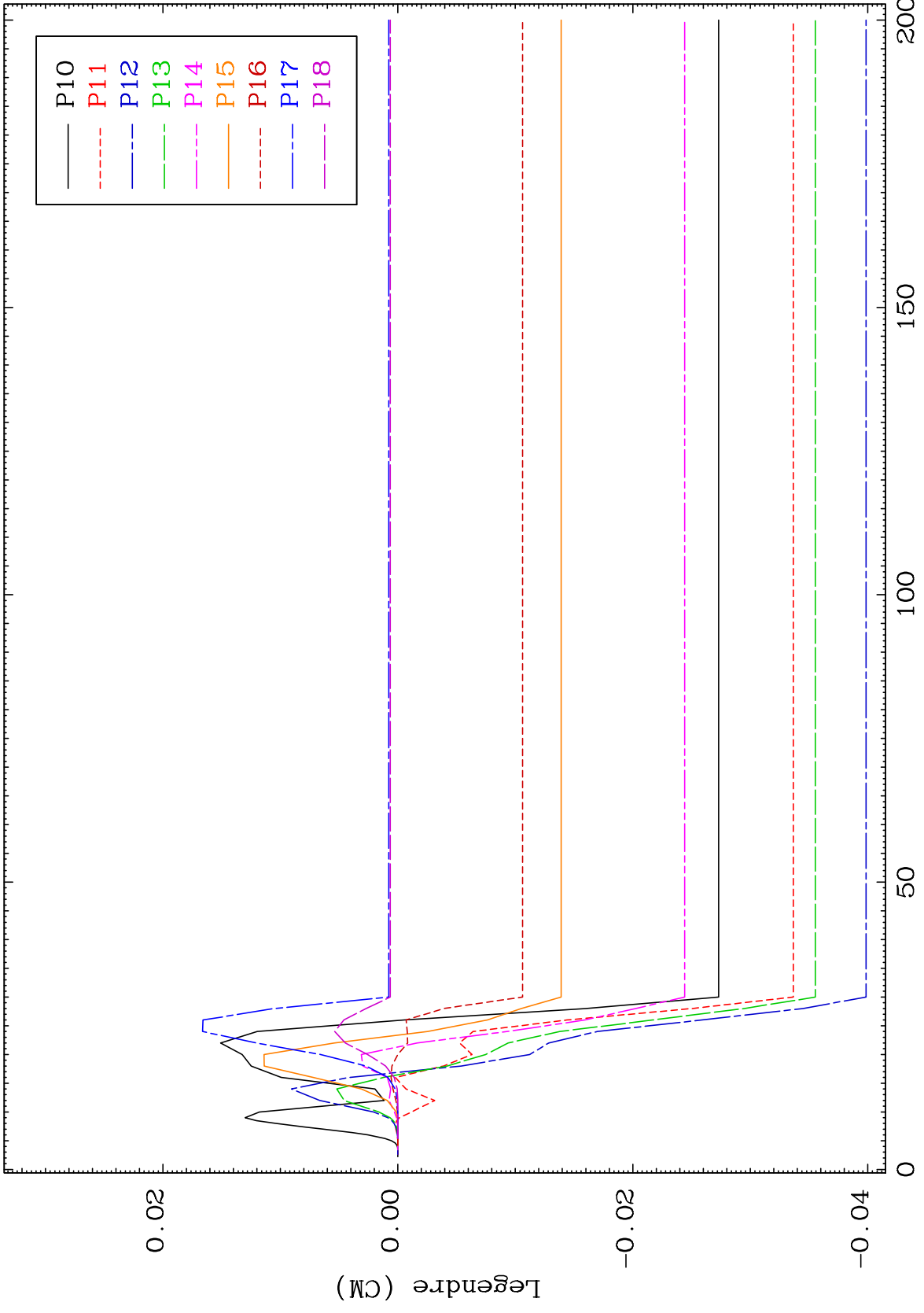
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73-Ta-159

MAT 7262

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

73-Ta-159



37

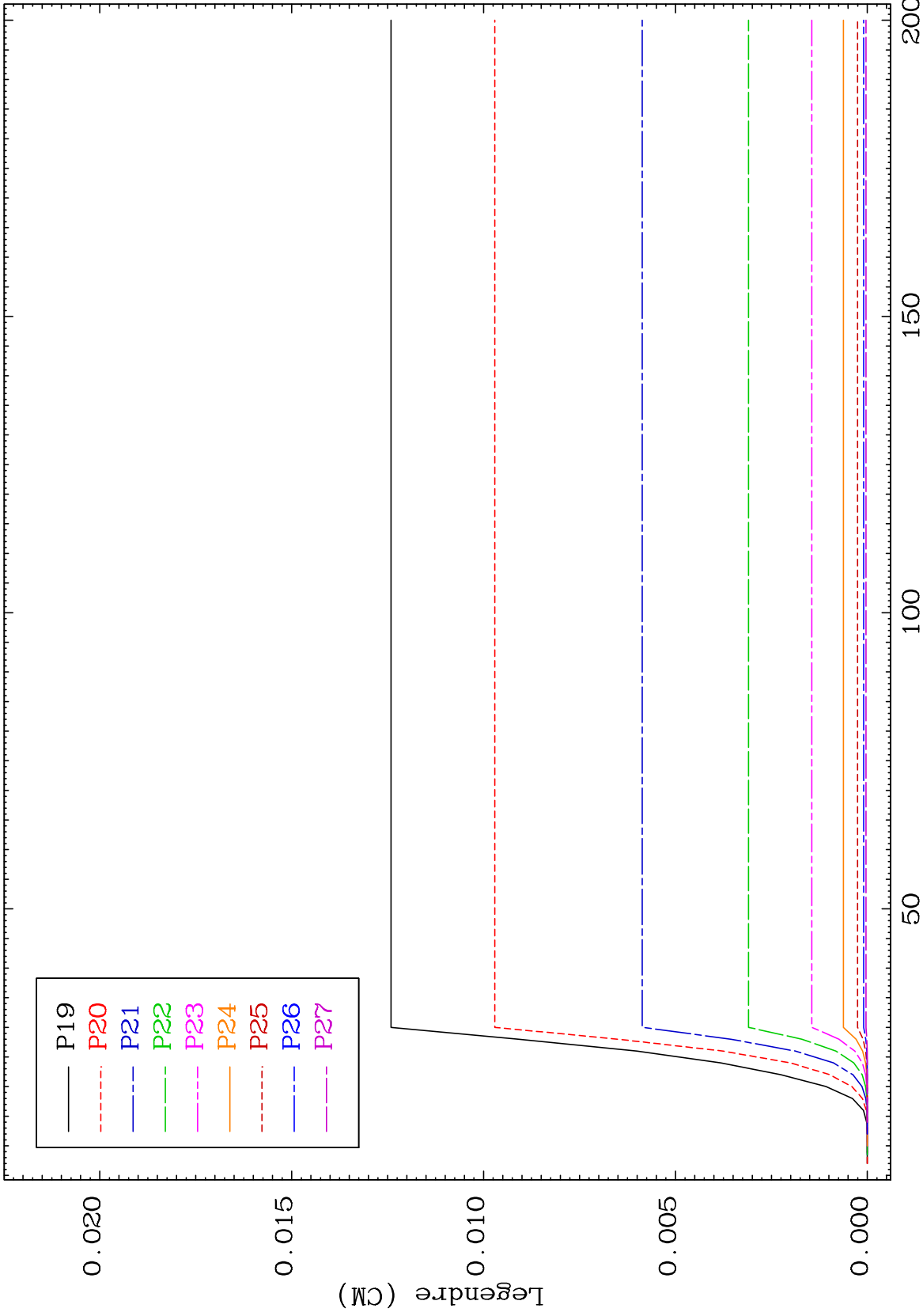
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



38

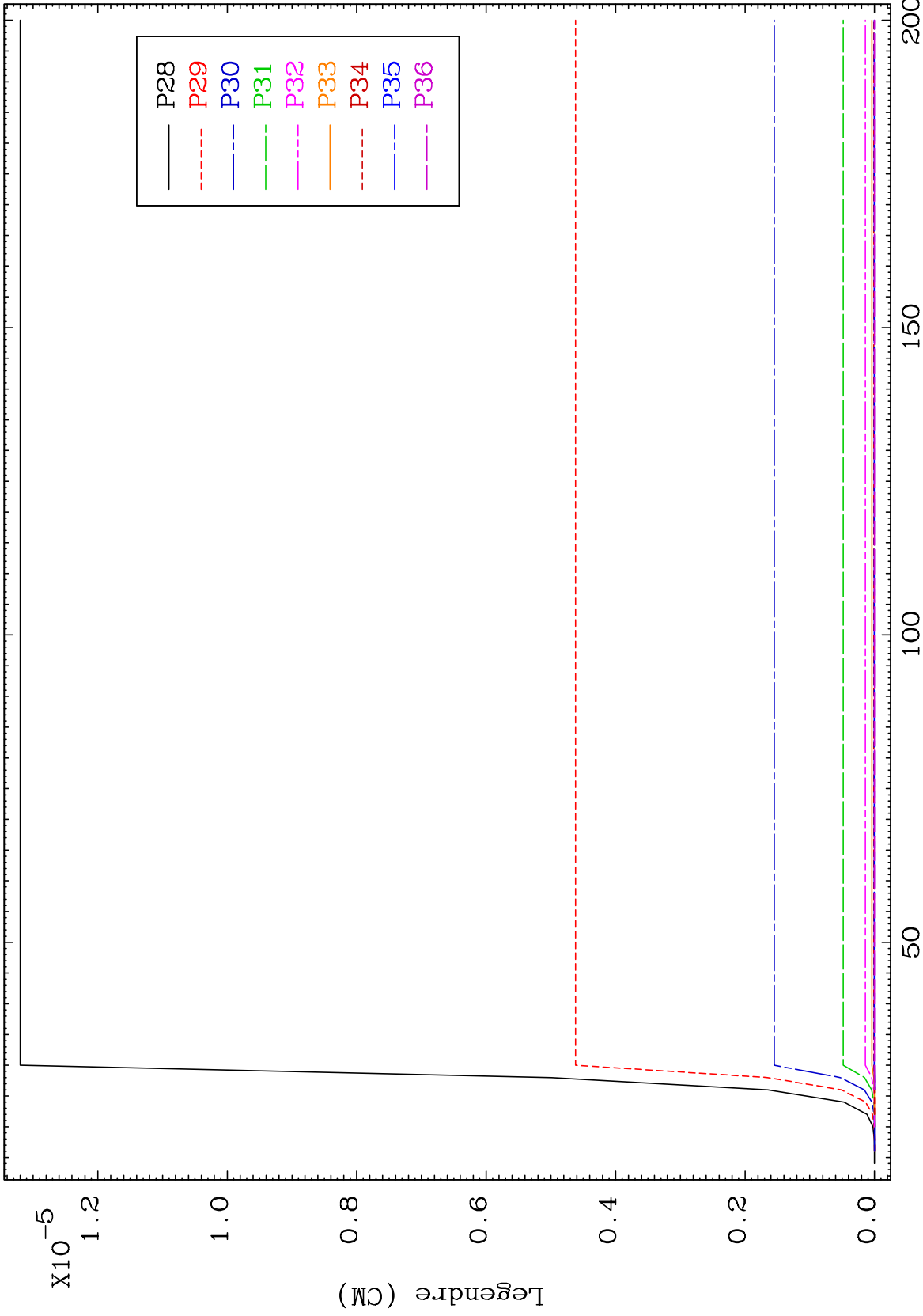
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



39

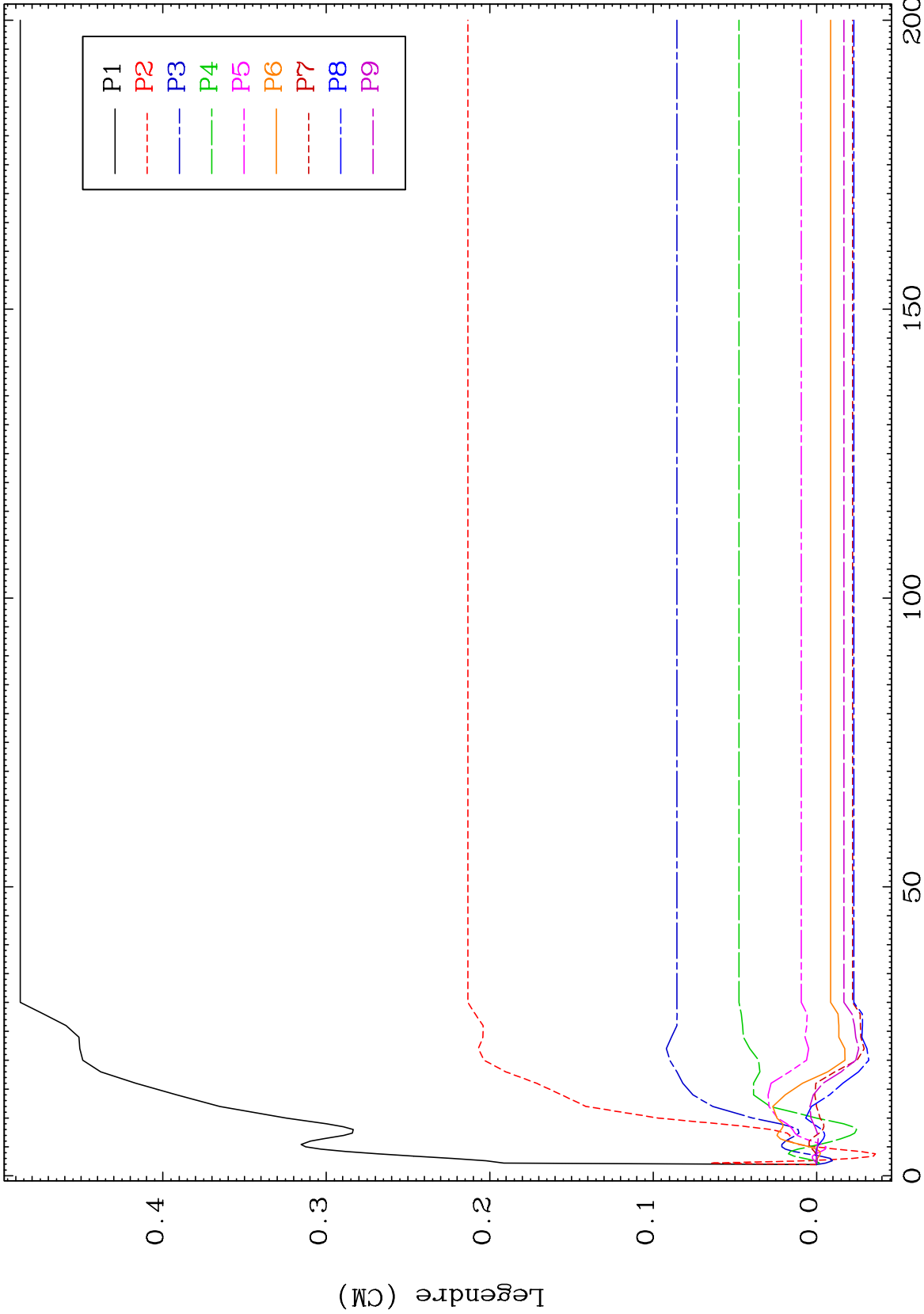
73-Ta-159



MAT 7262

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

73-Ta-159



73-Ta-159

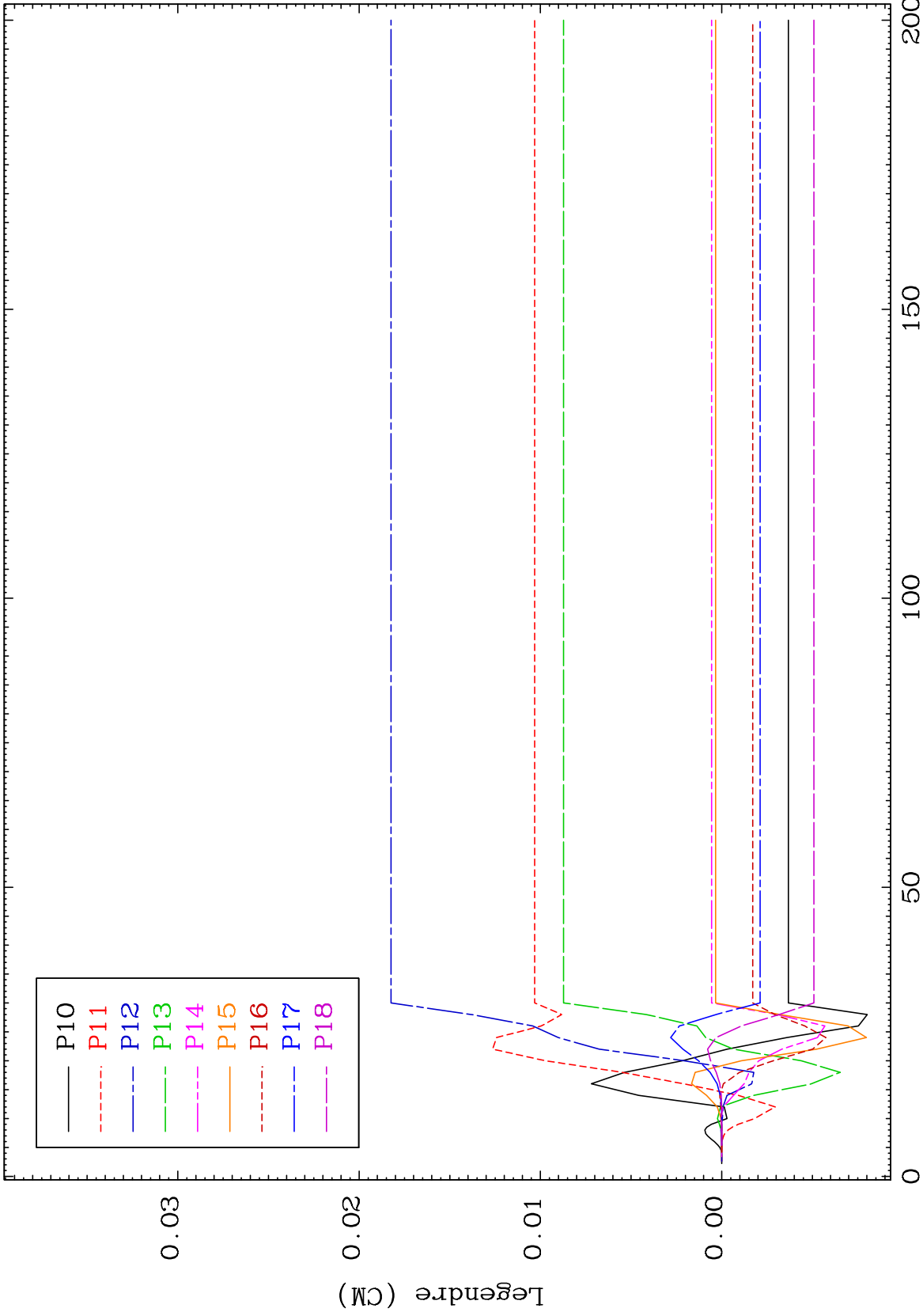
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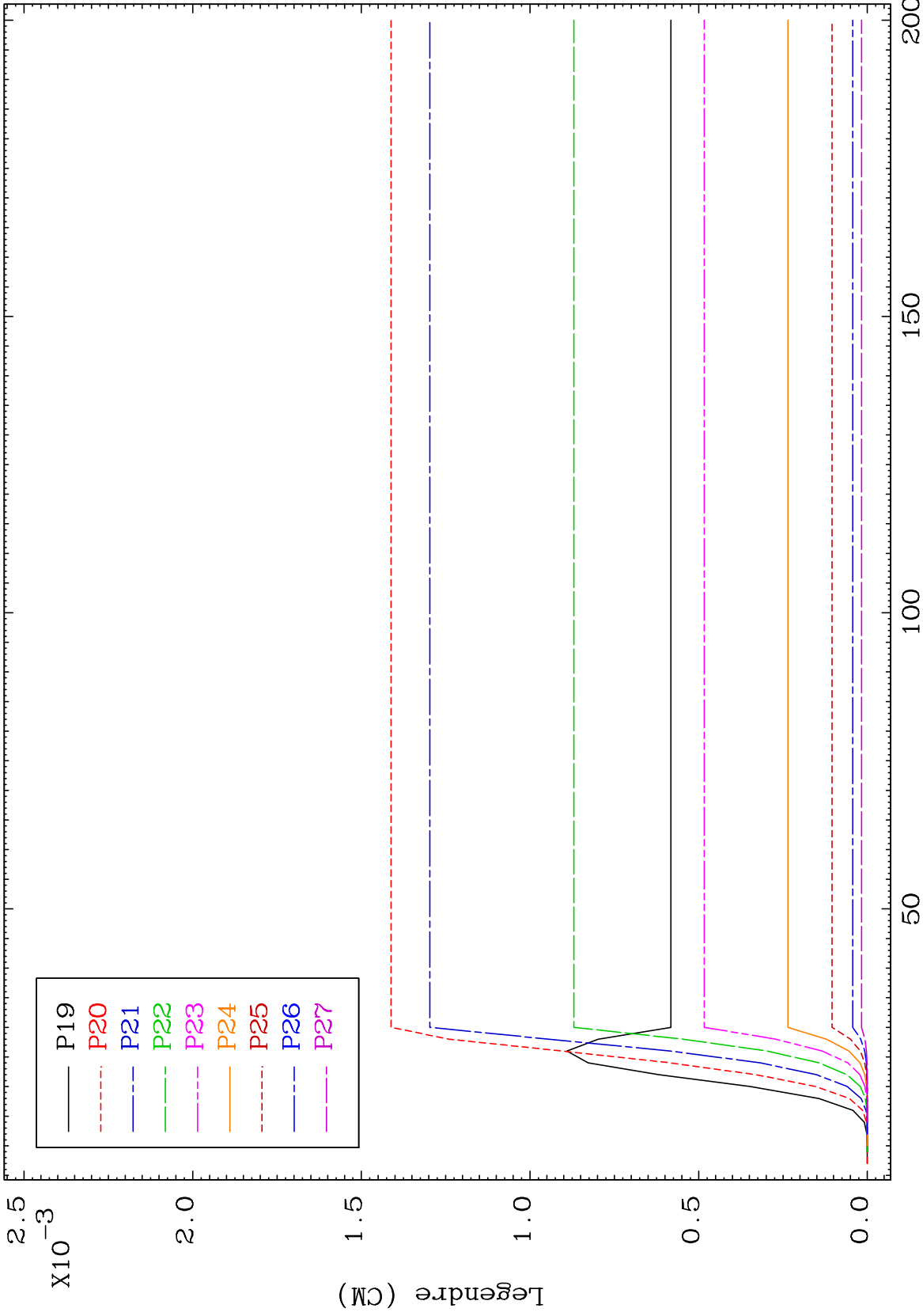
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MAT 7262

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

73-Ta-159

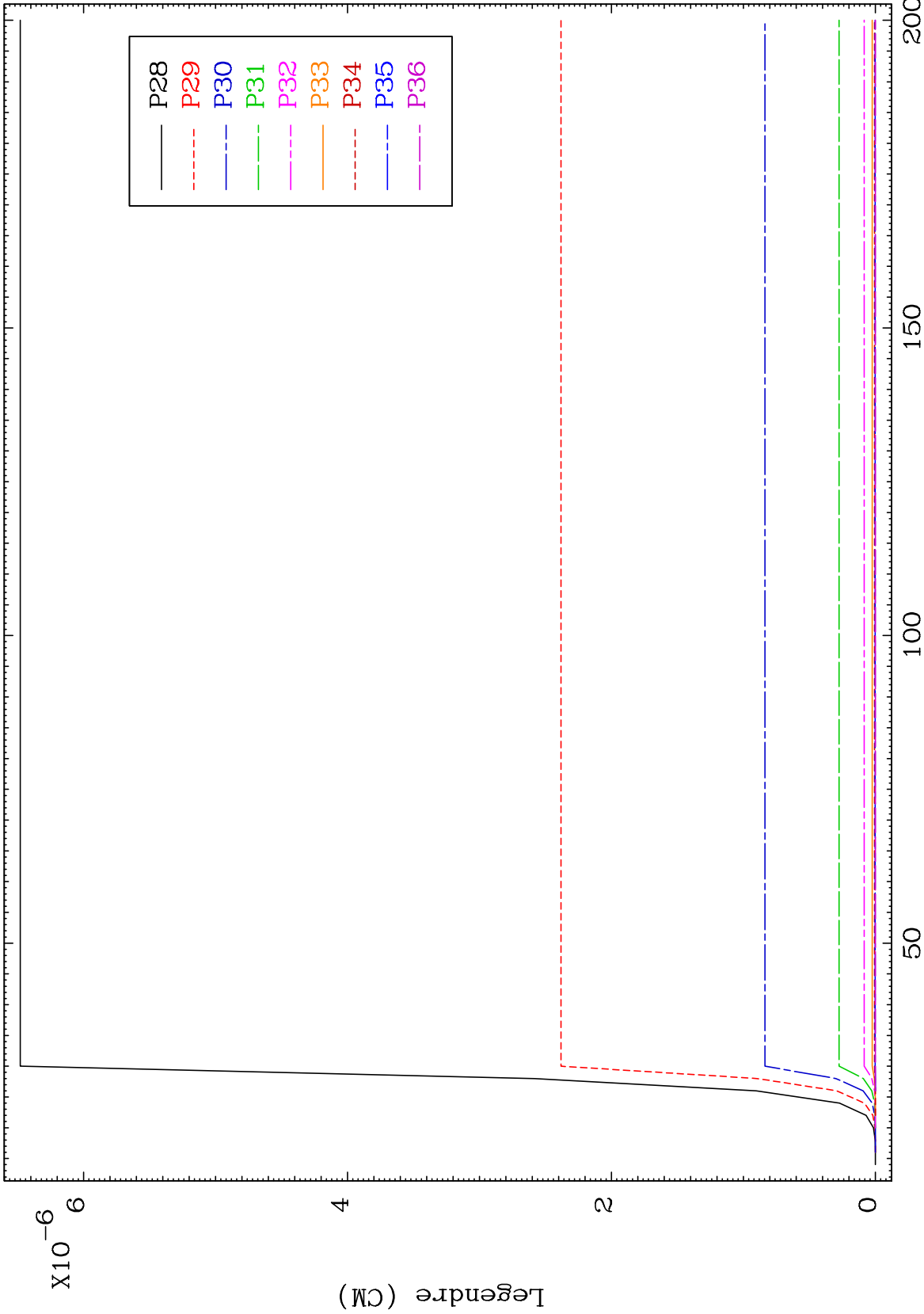




MAT 7262

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

73-Ta-159



43

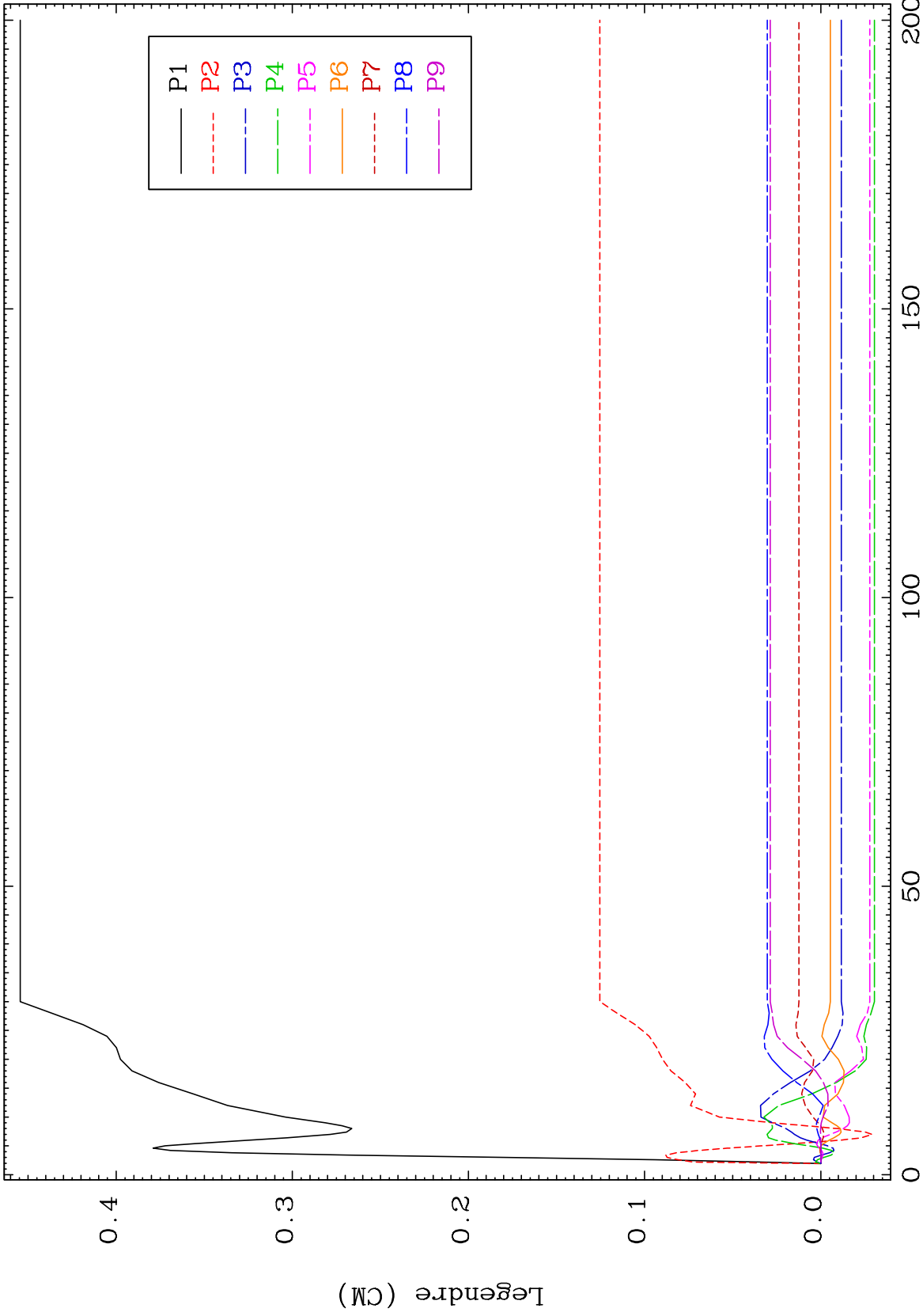
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



44

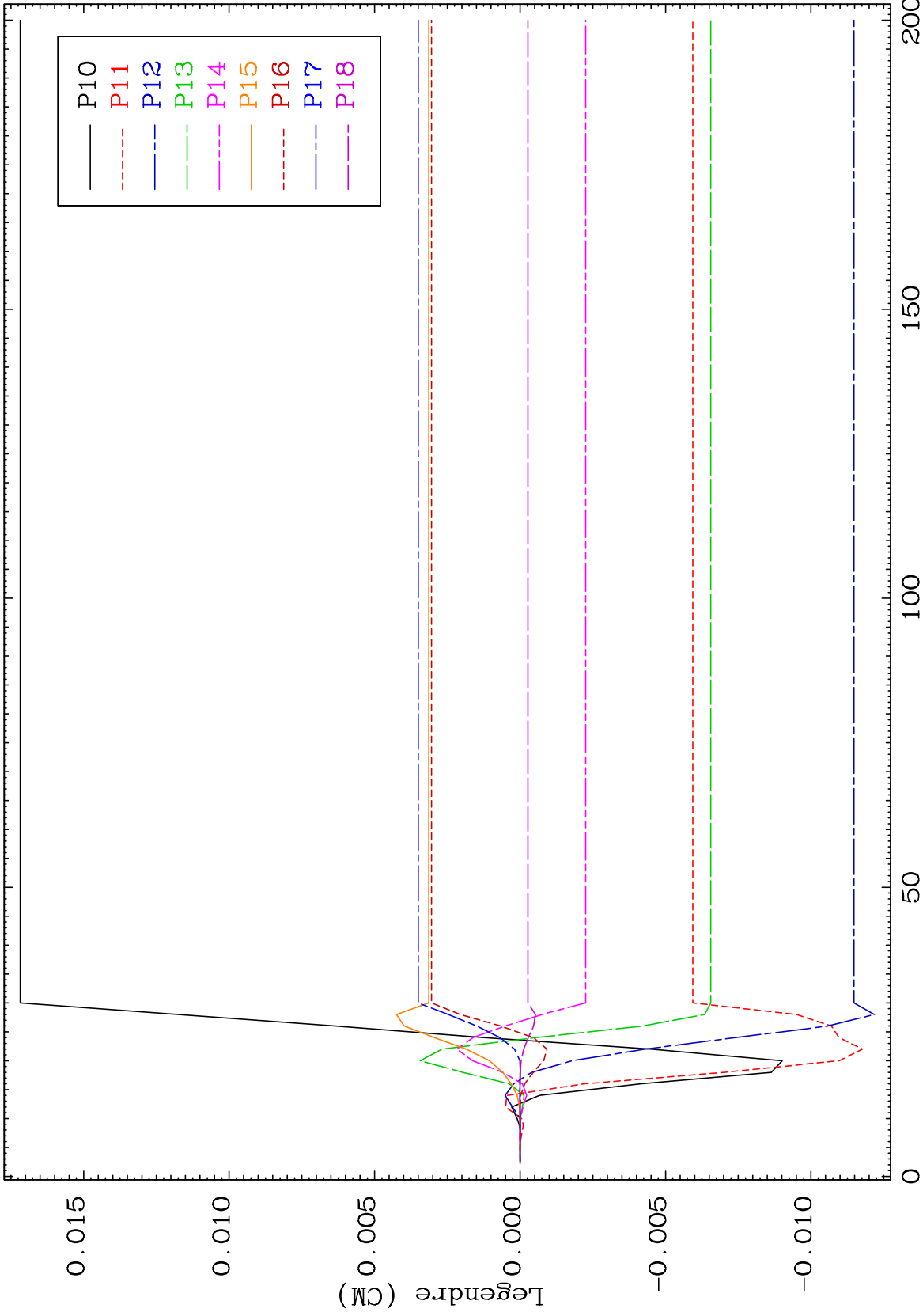
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



45

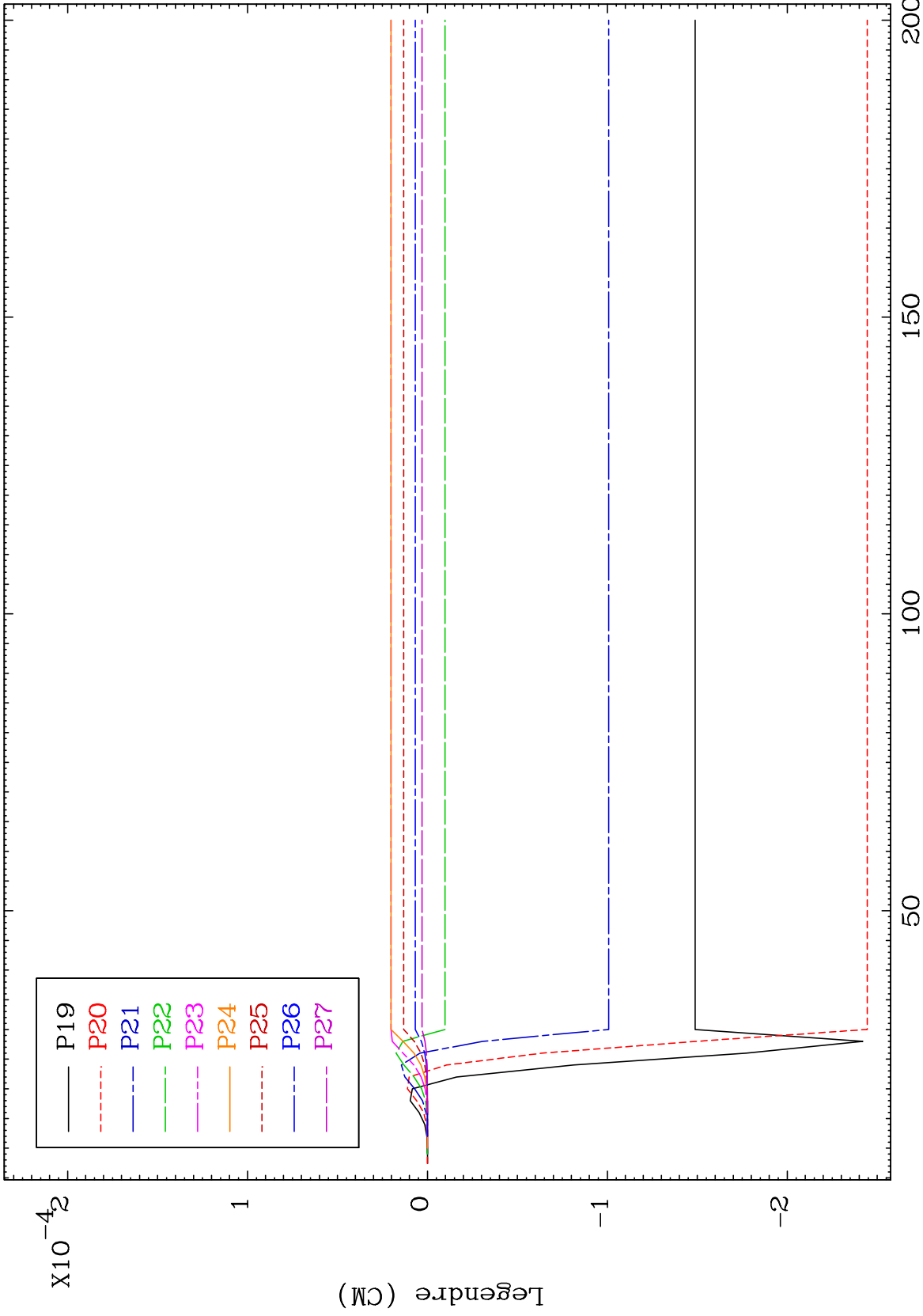
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



46

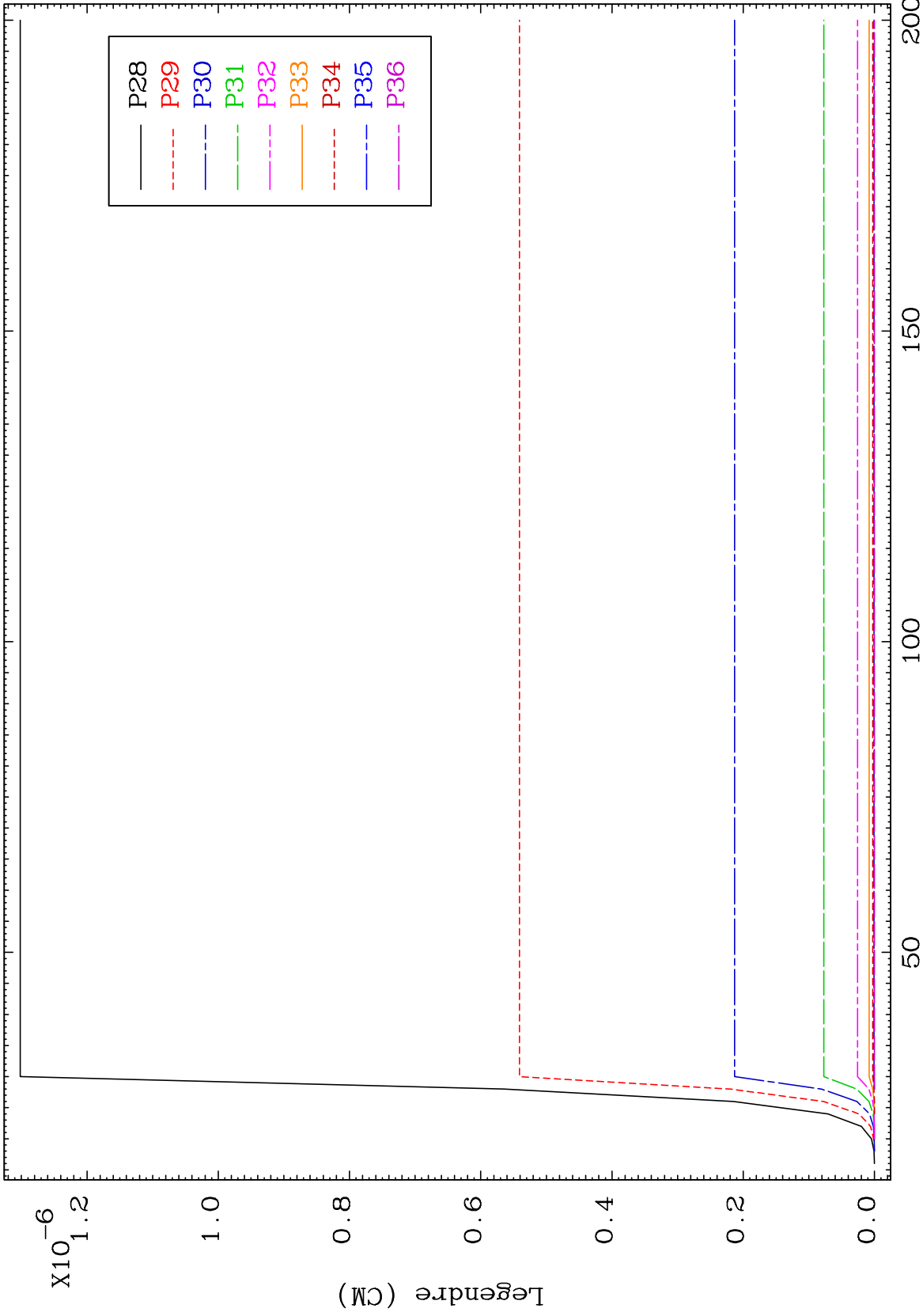
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



47

Incident Energy (MeV)

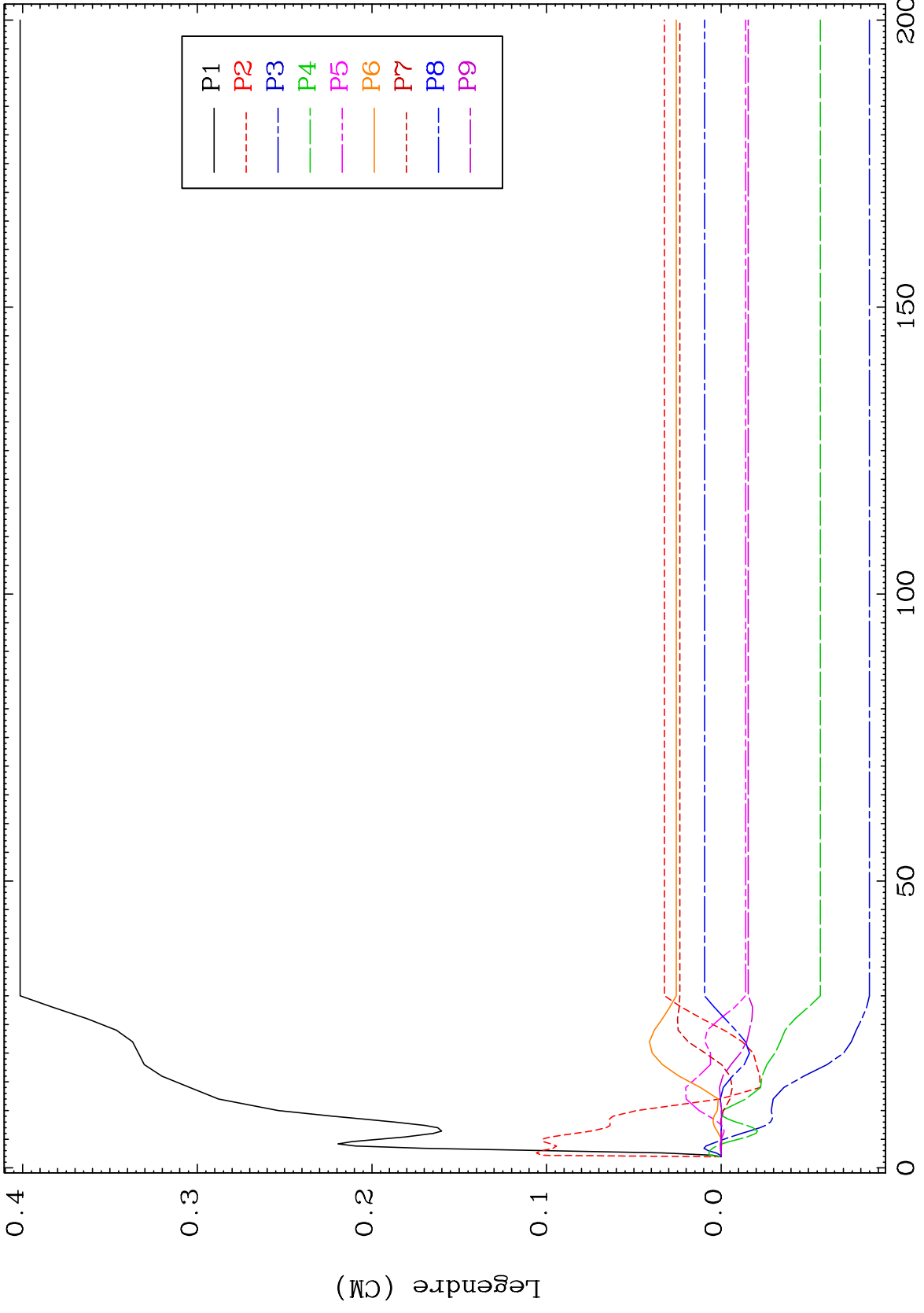
73-Ta-159



MAT 7262

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

73-Ta-159



48

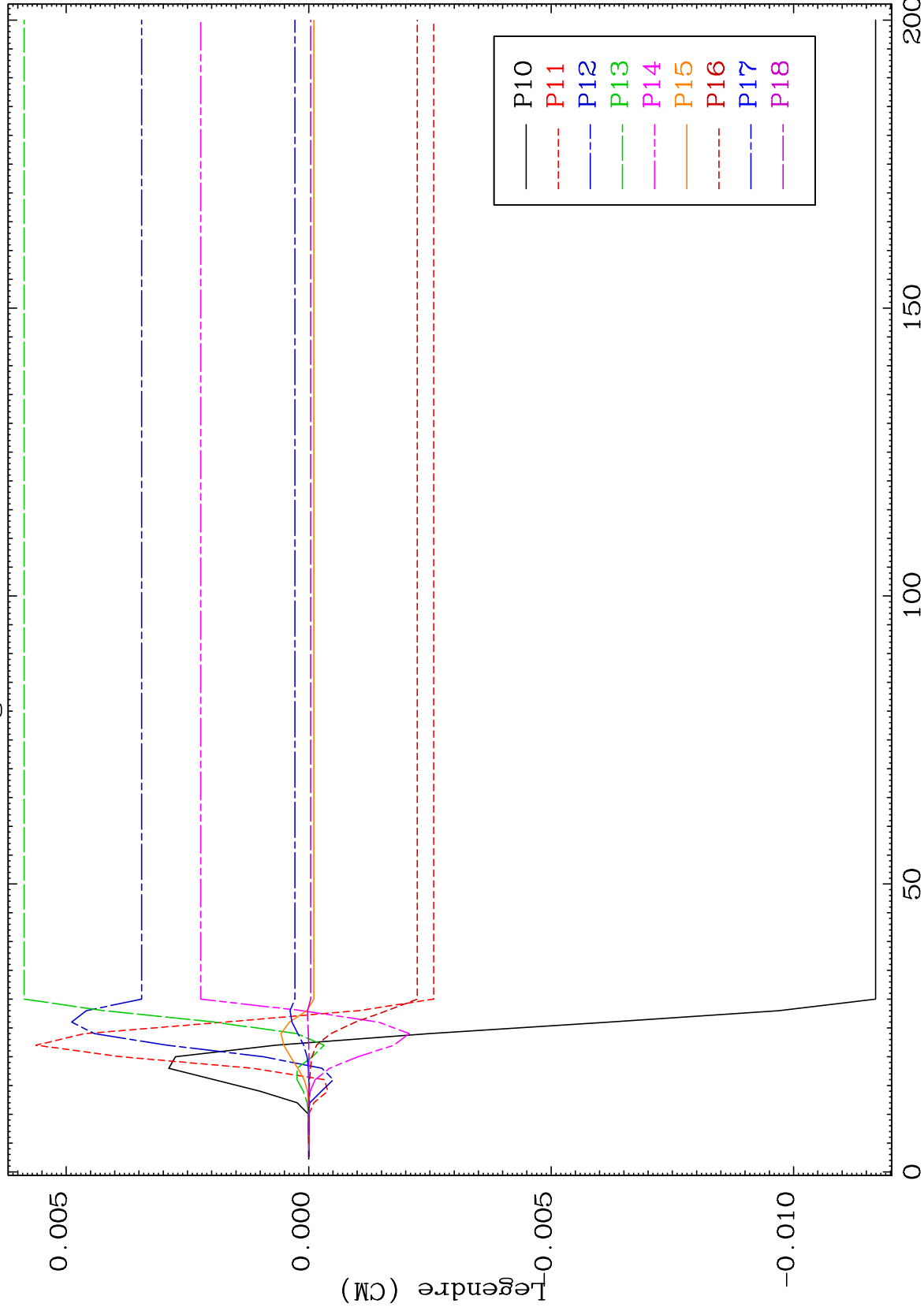
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



49

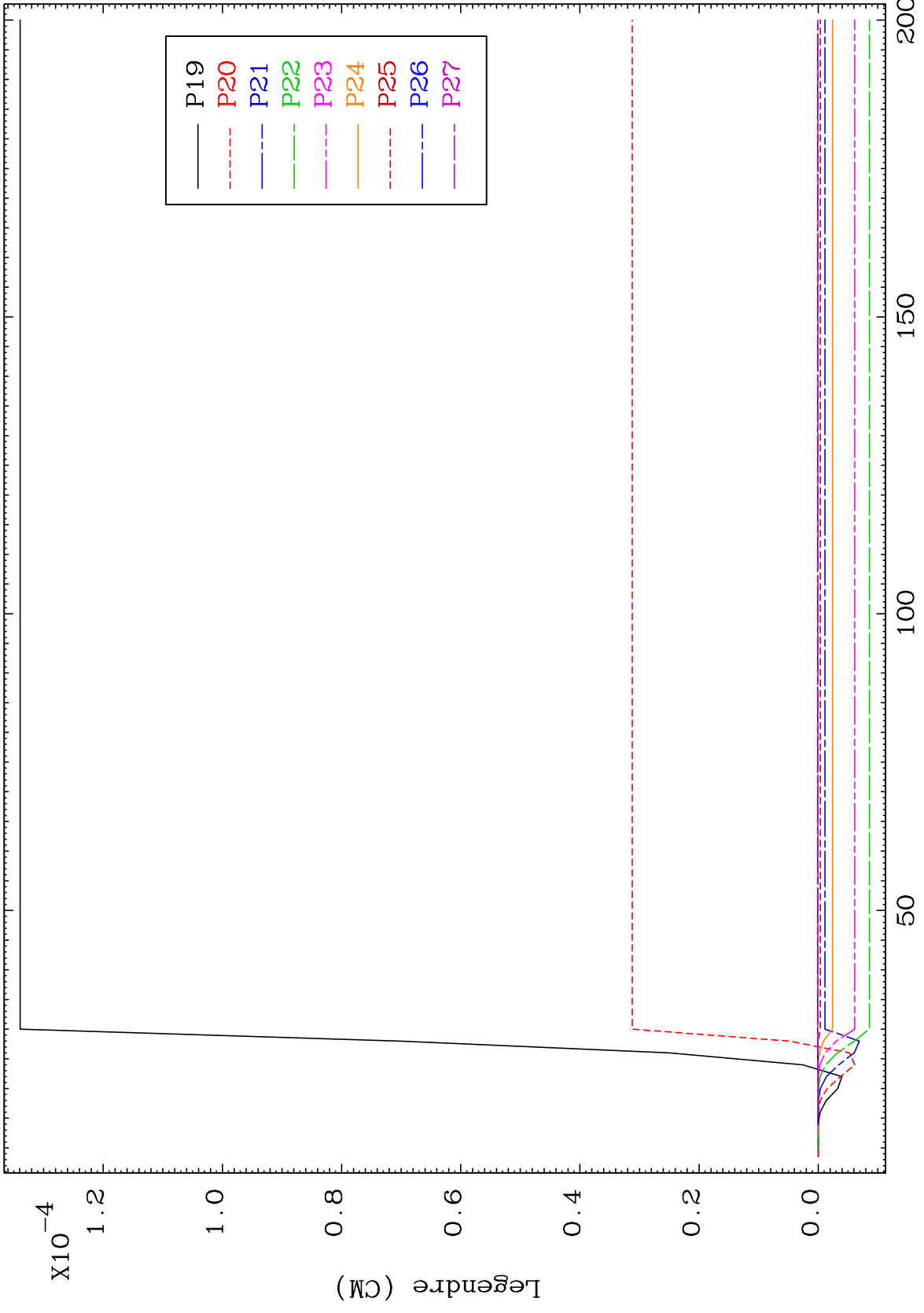
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



50

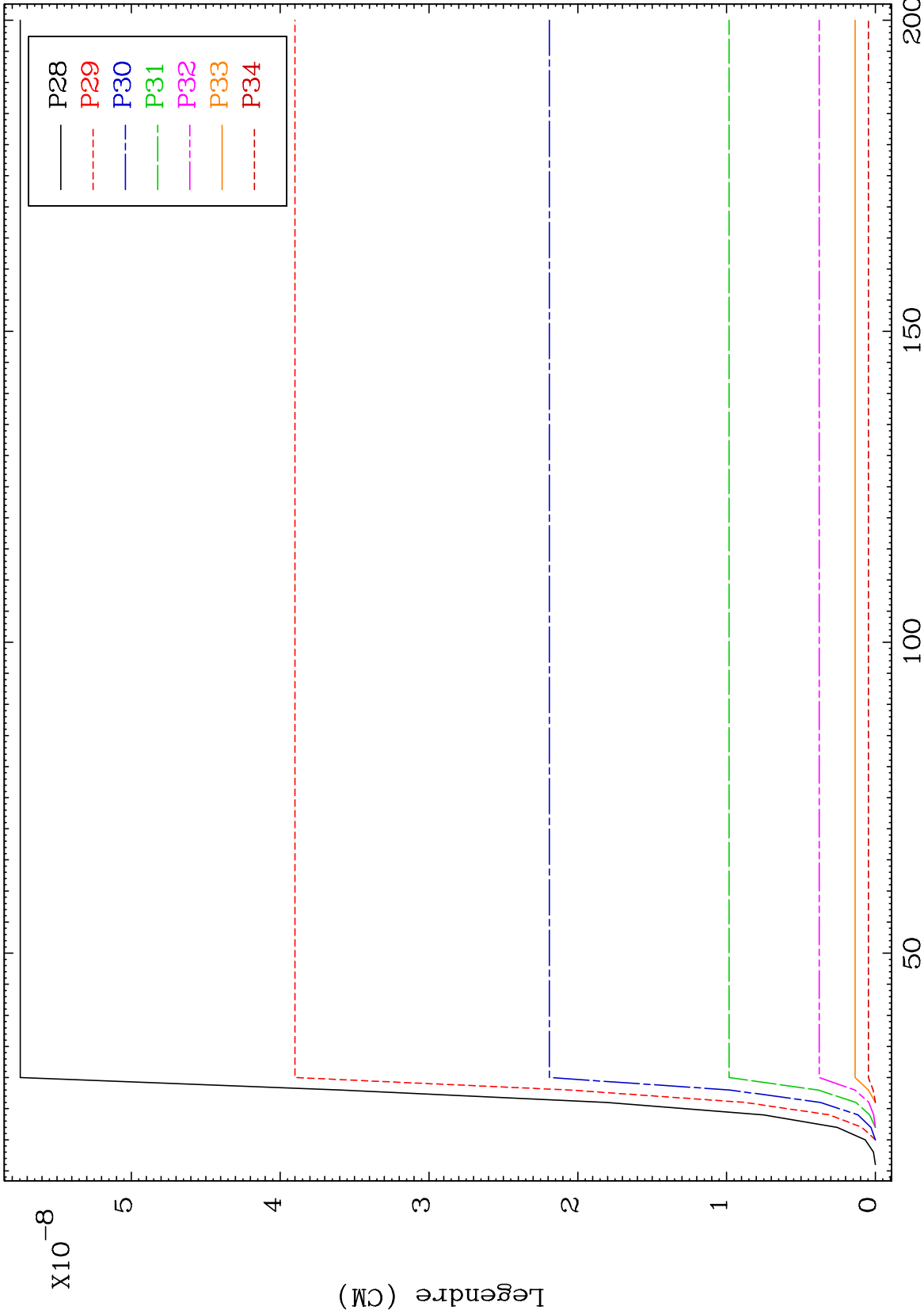
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



51

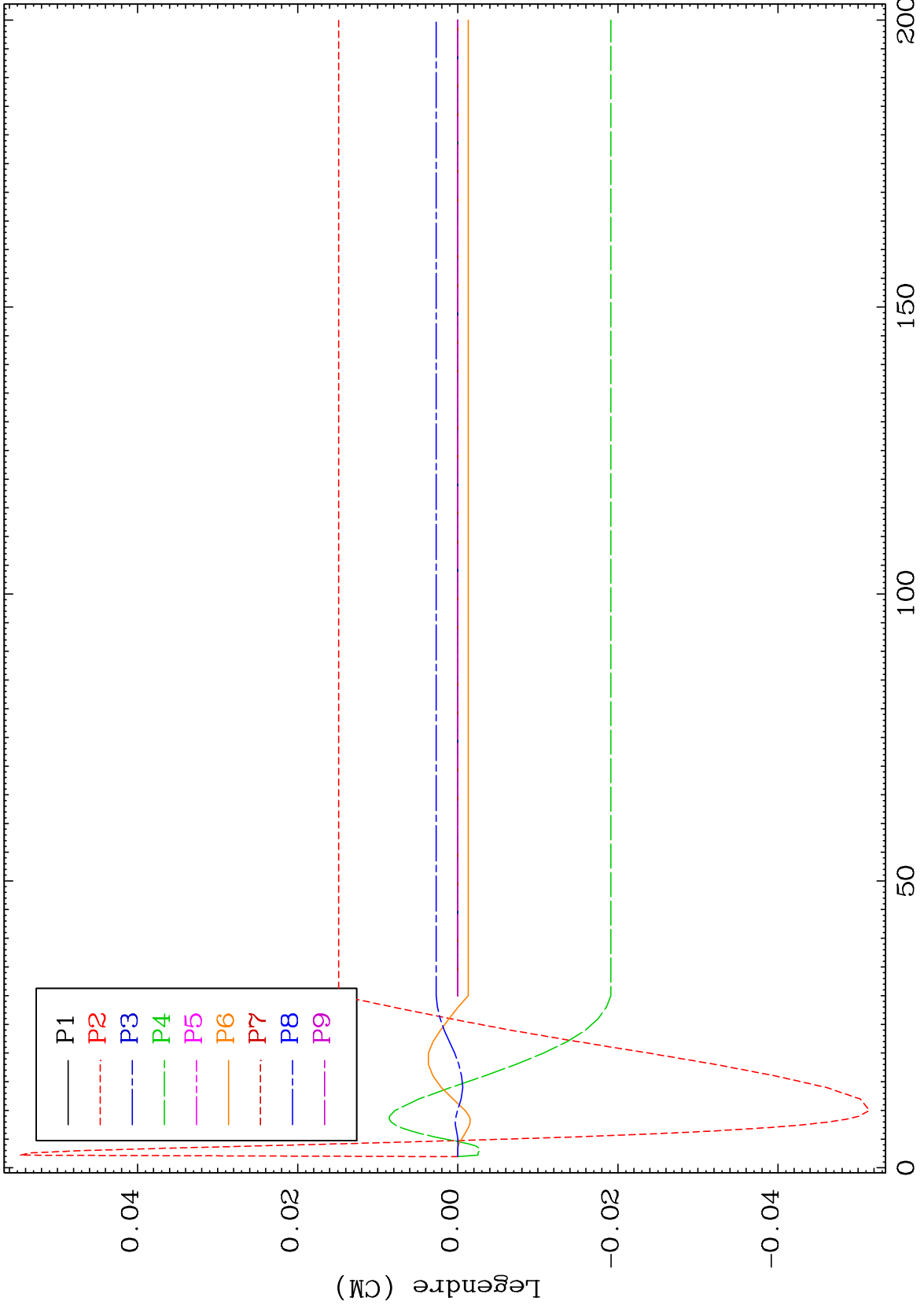
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



52

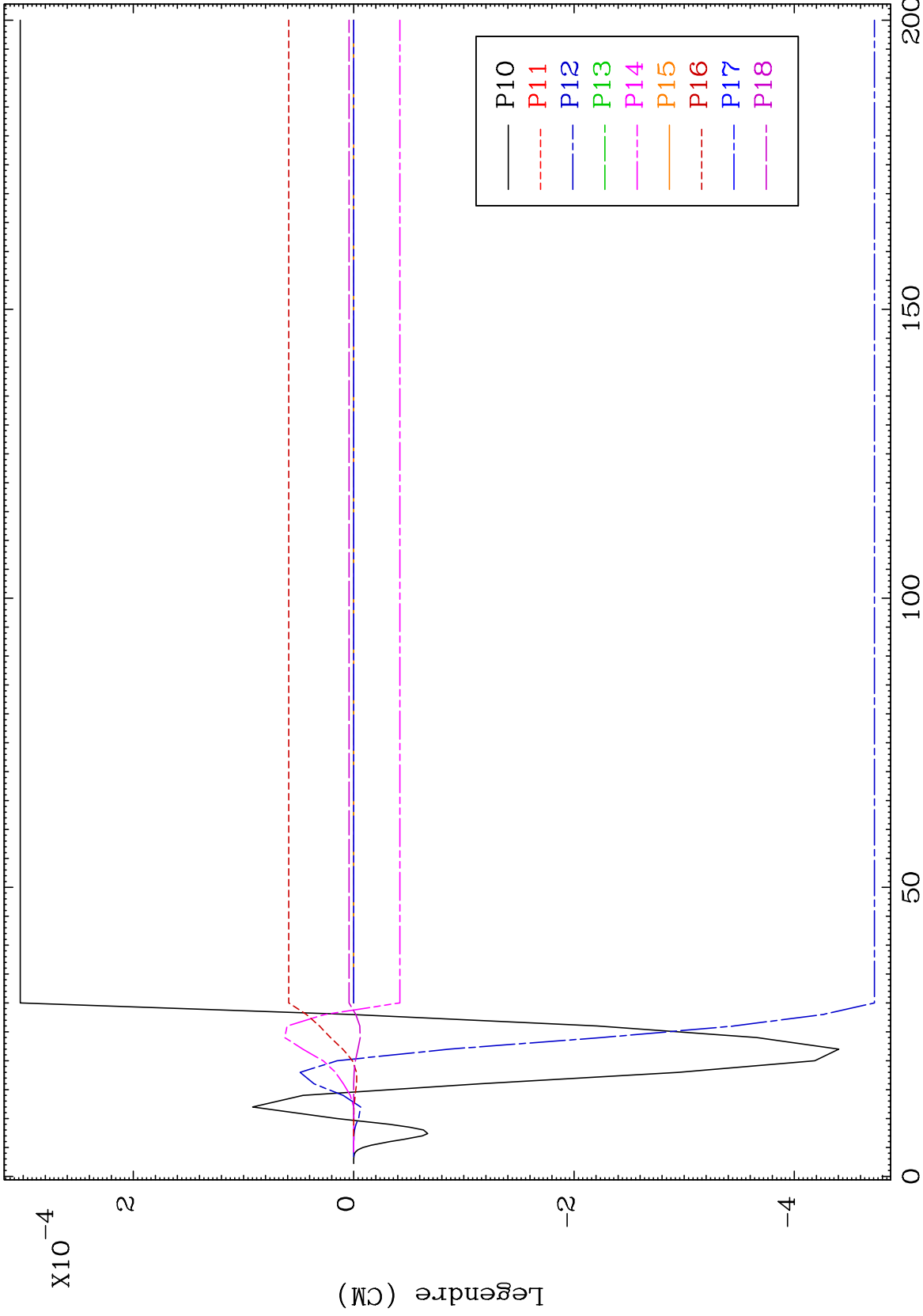
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



53

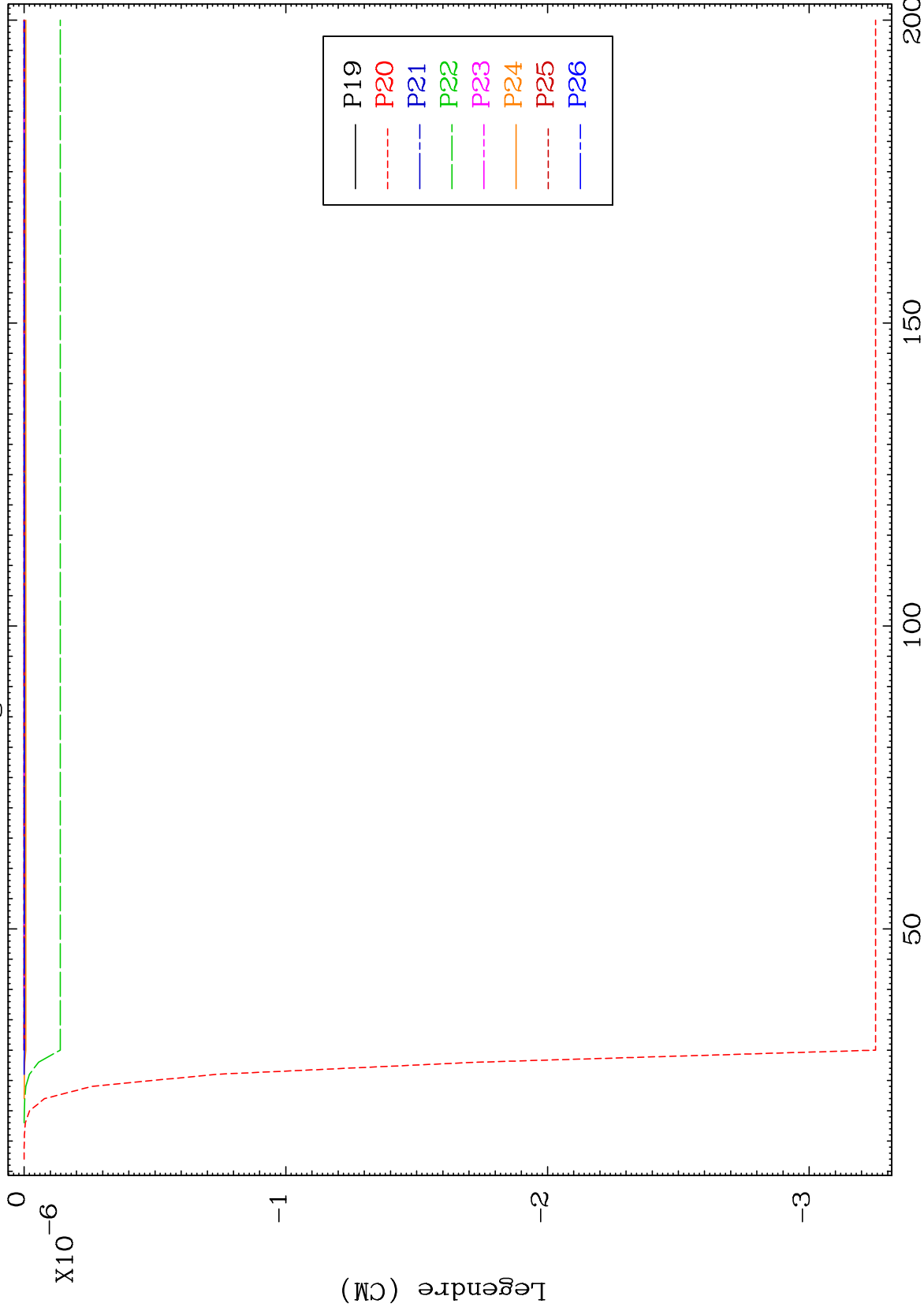
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



54

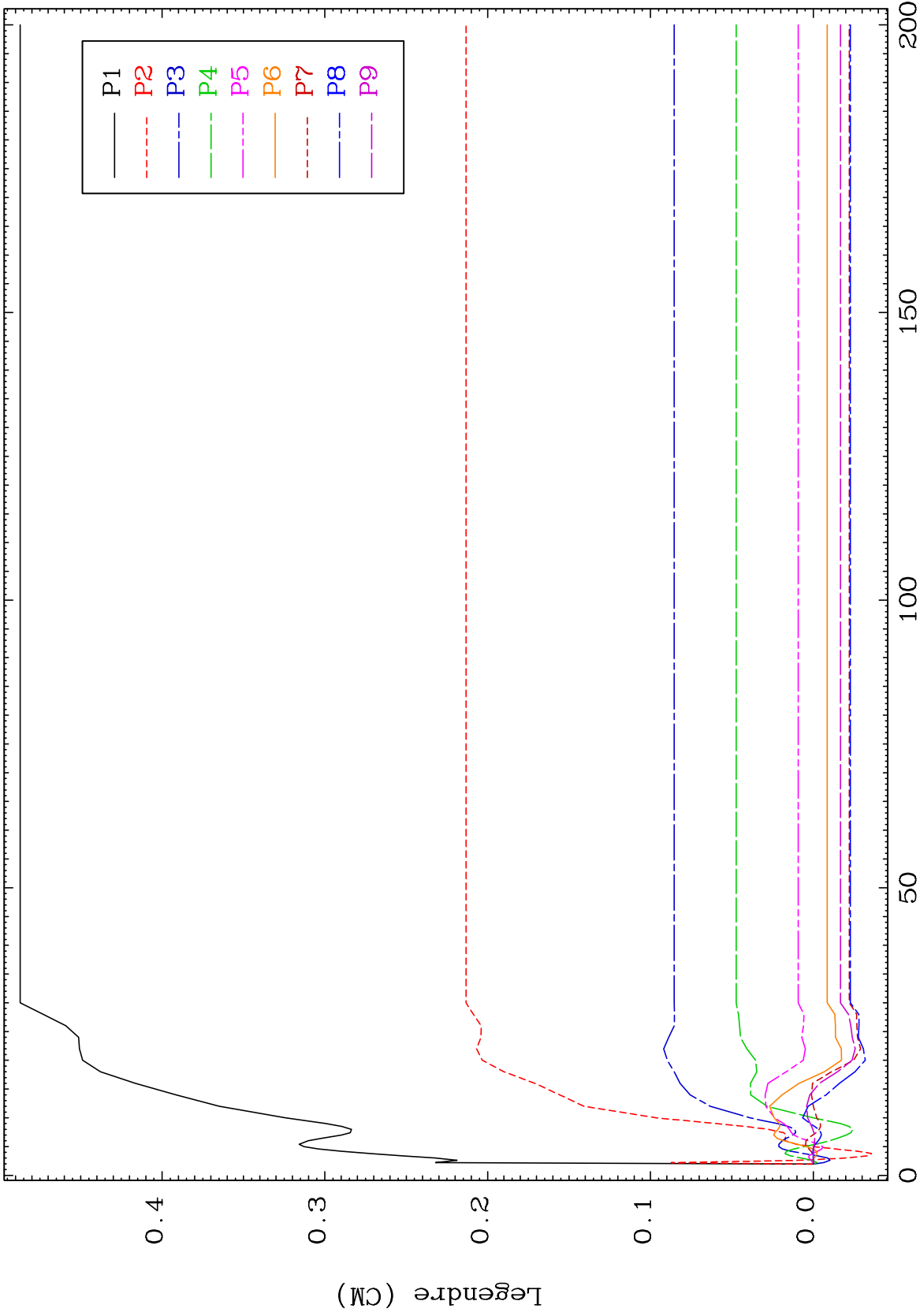
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



55

Incident Energy (MeV)

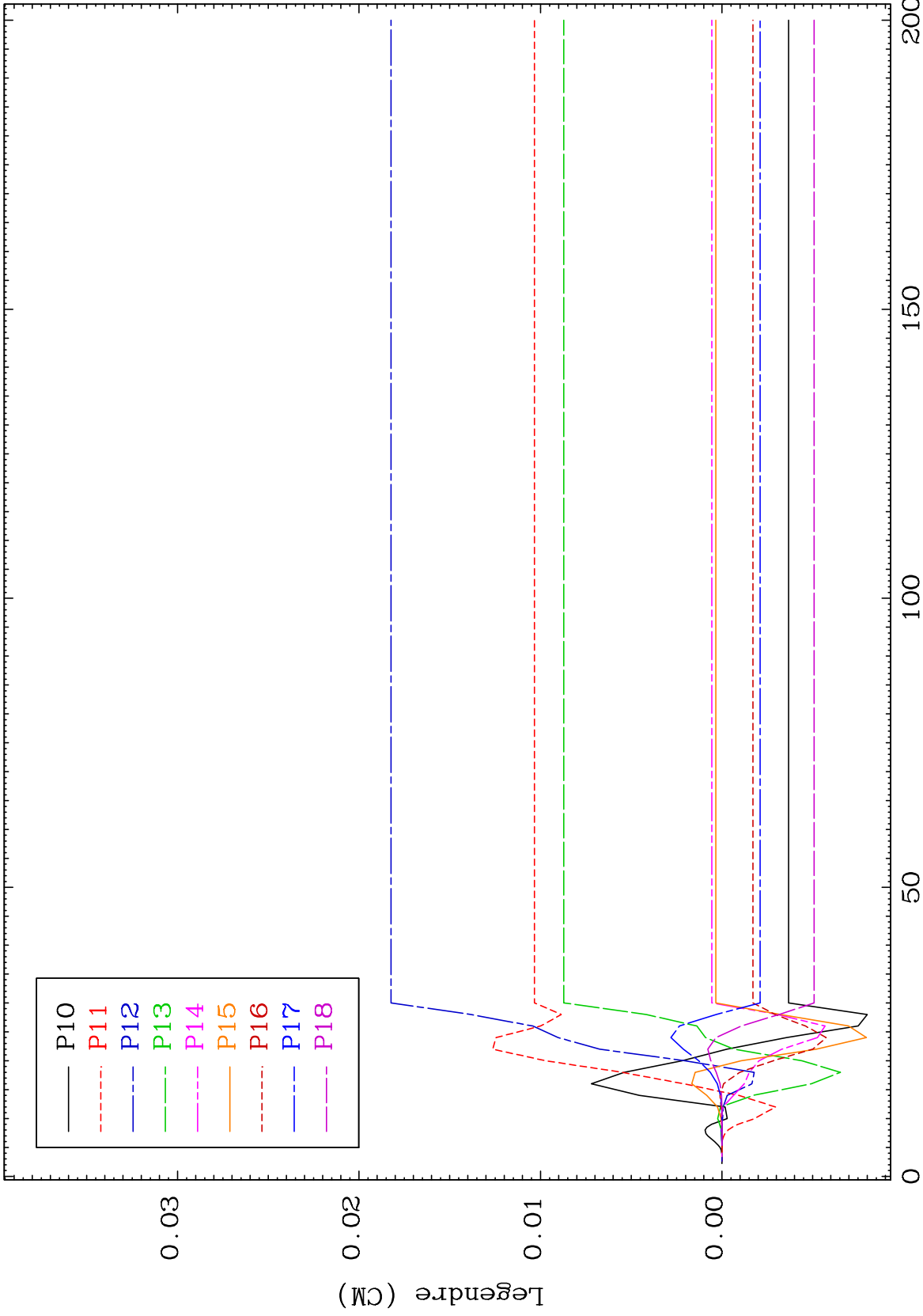
73-Ta-159



MAT 7262

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

73-Ta-159



56

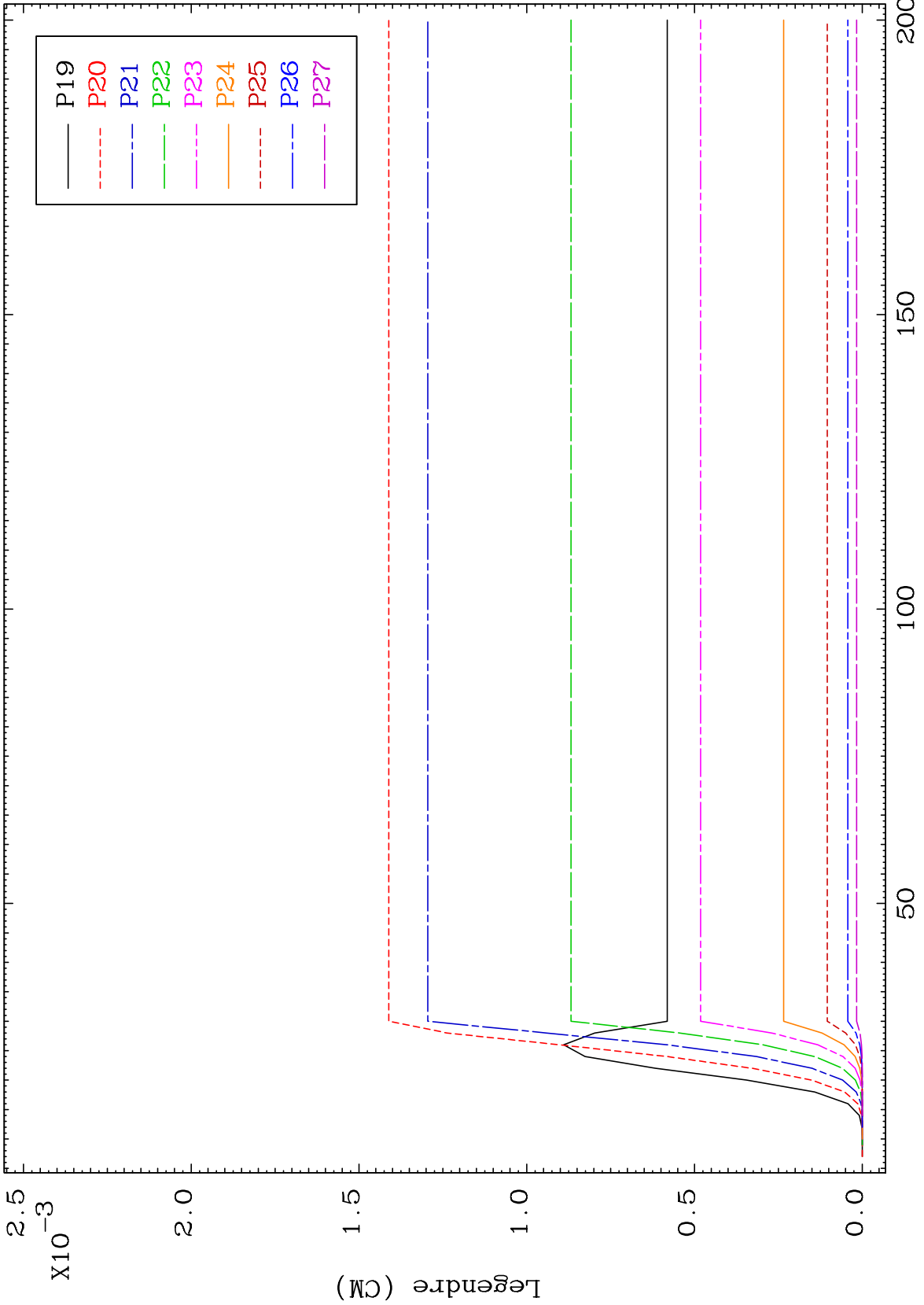
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



57

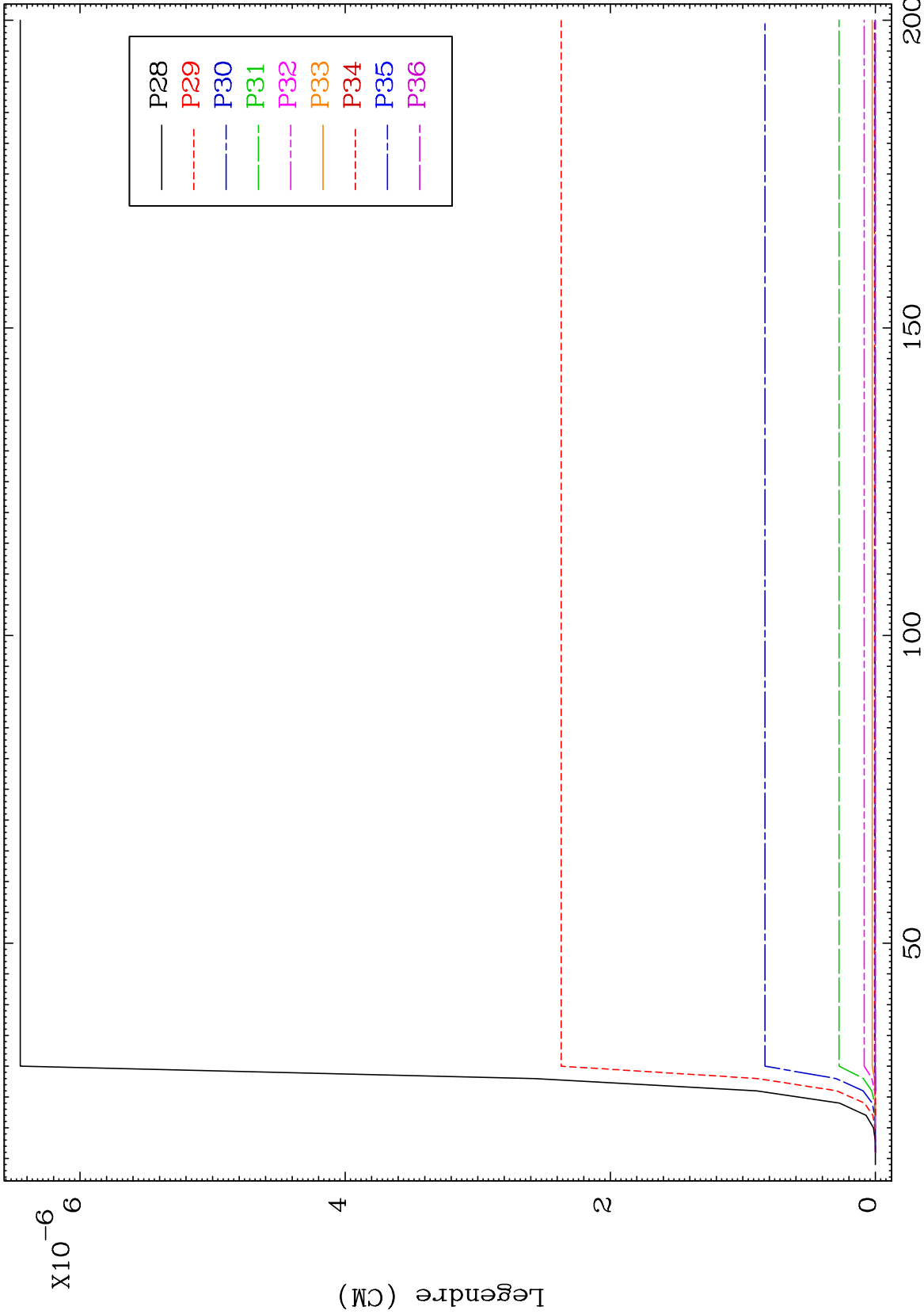
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



58

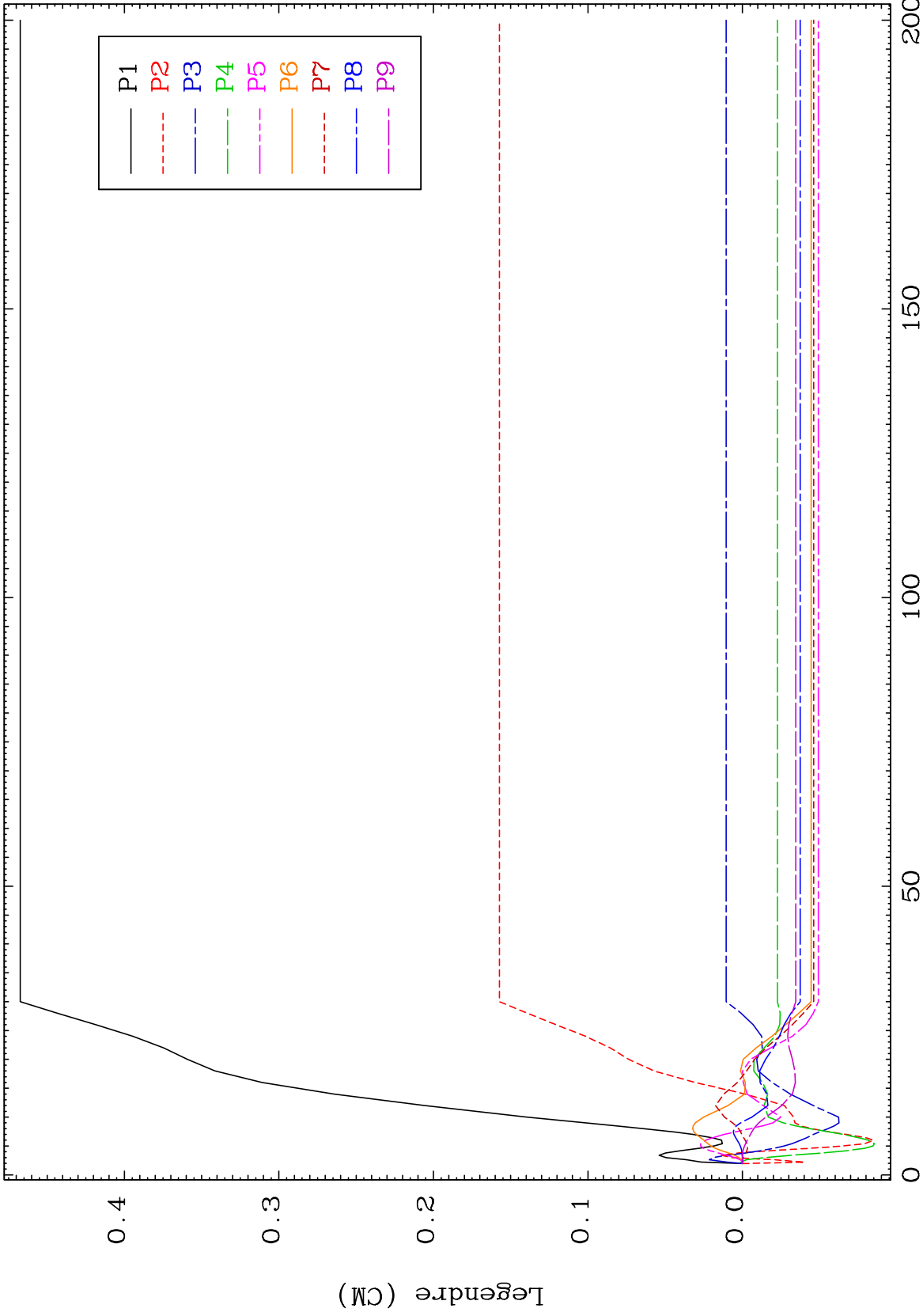
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



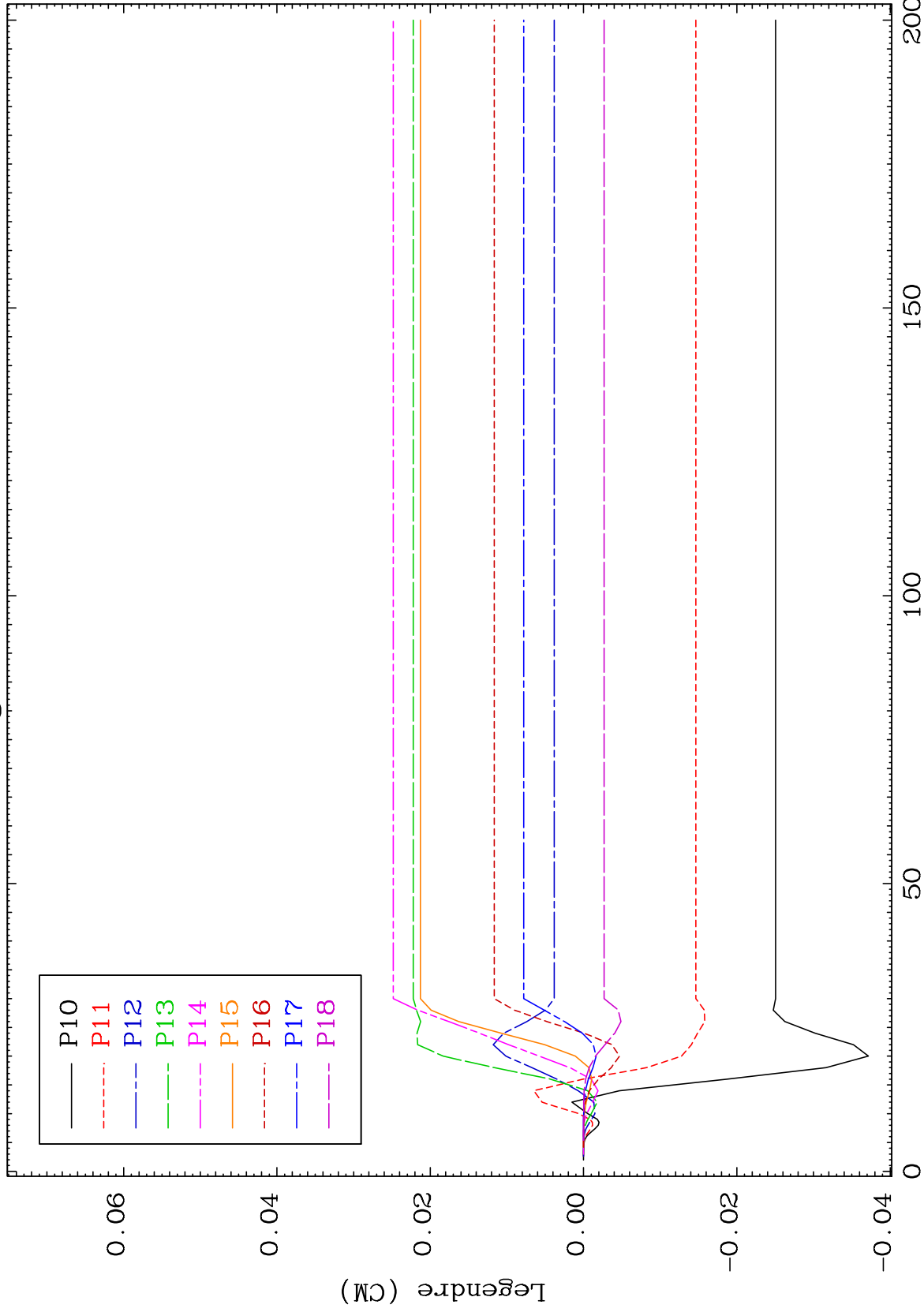
59

73-Ta-159

MAT 7262

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

73-Ta-159



60

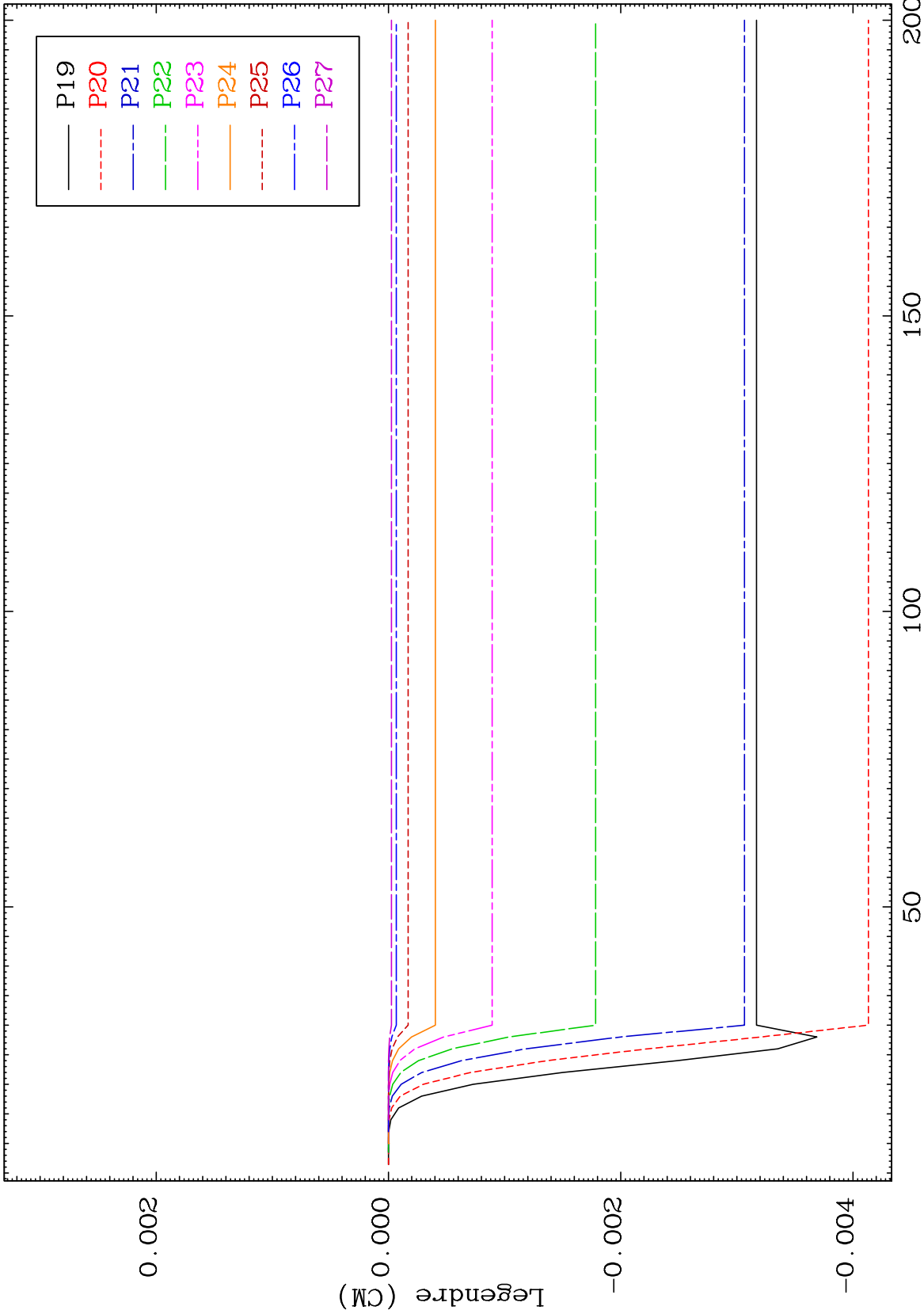
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



61

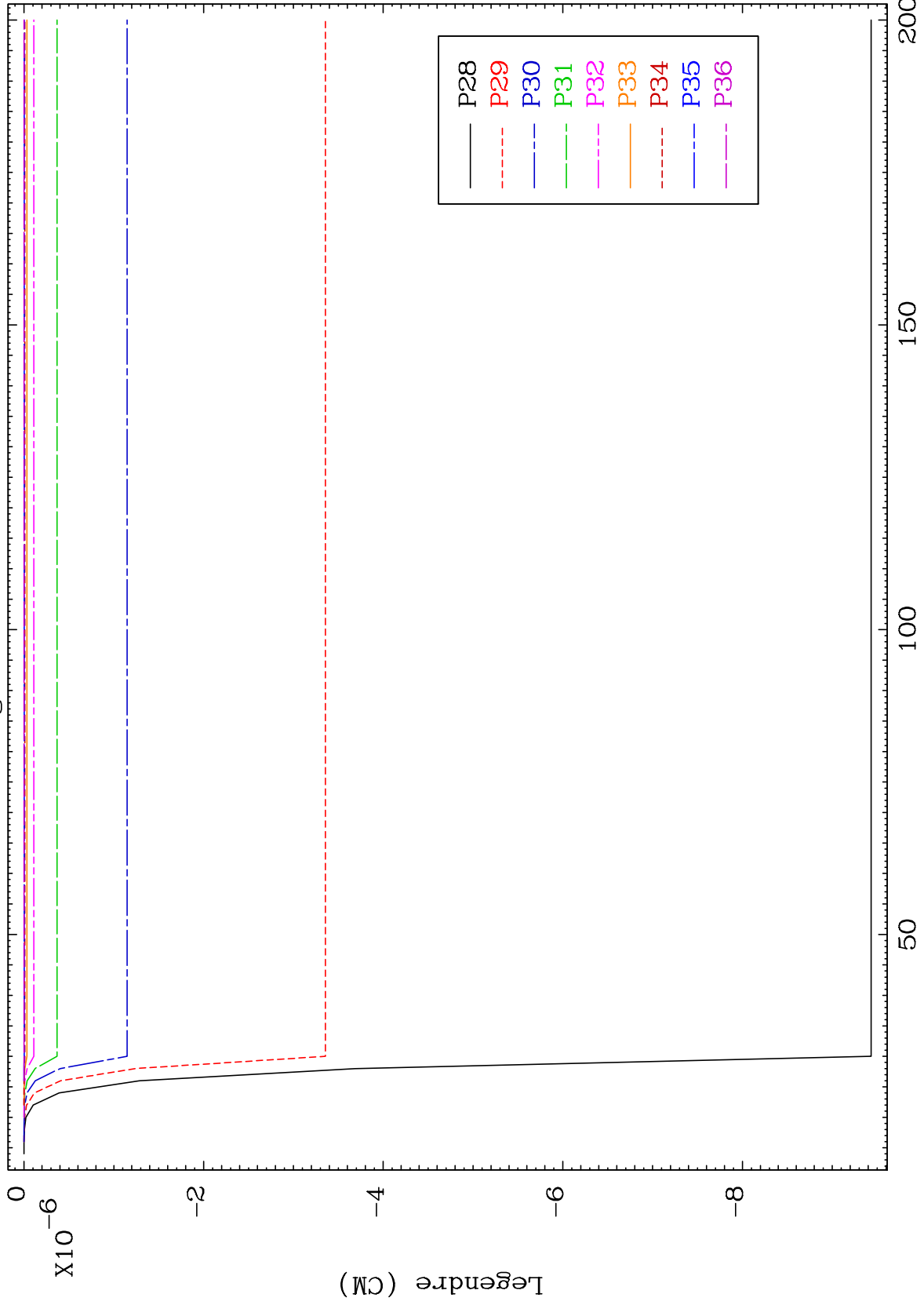
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



73-Ta-159

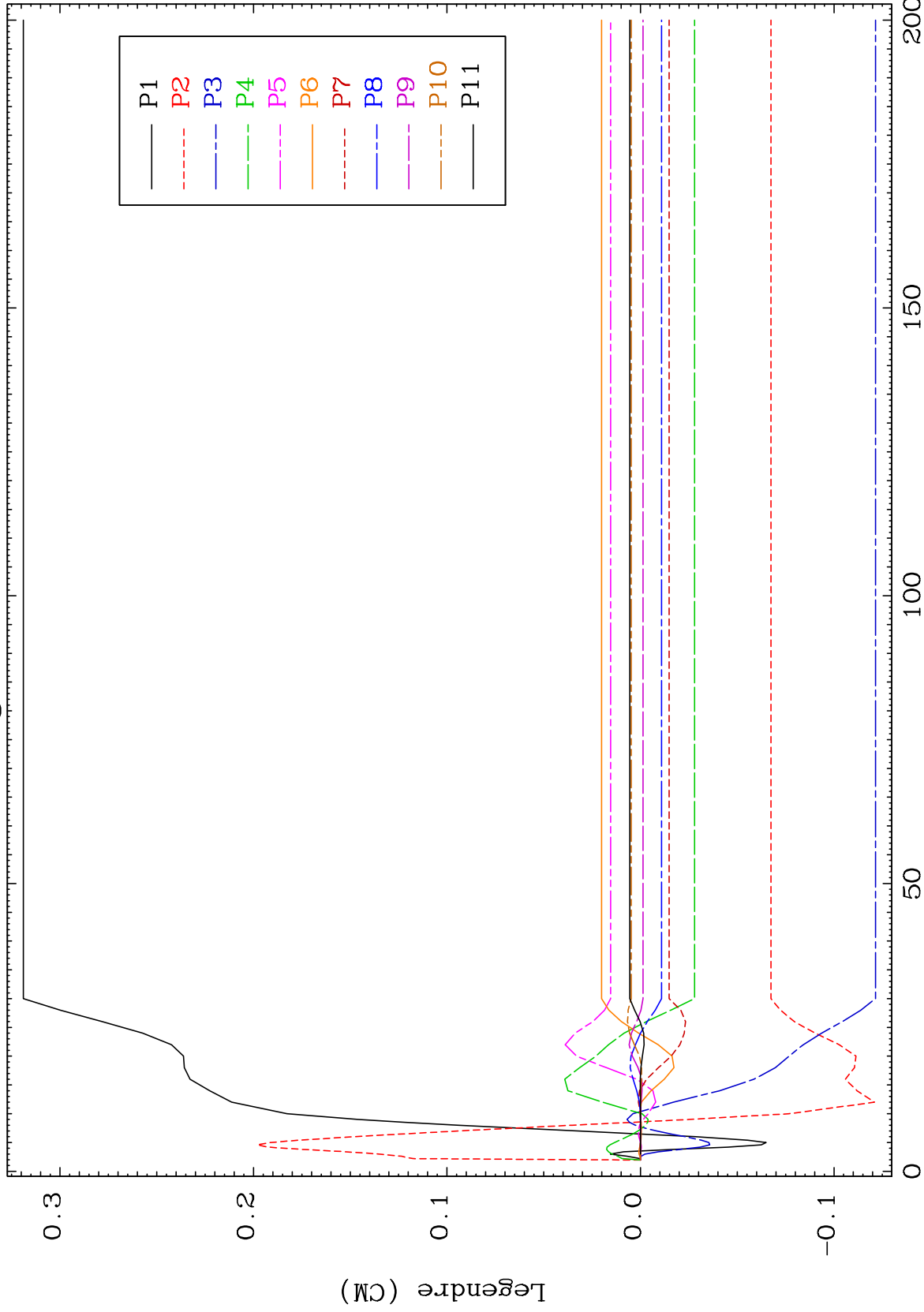
Incident Energy (MeV)

62

MAT 7262

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

73-Ta-159



63

Incident Energy (MeV)

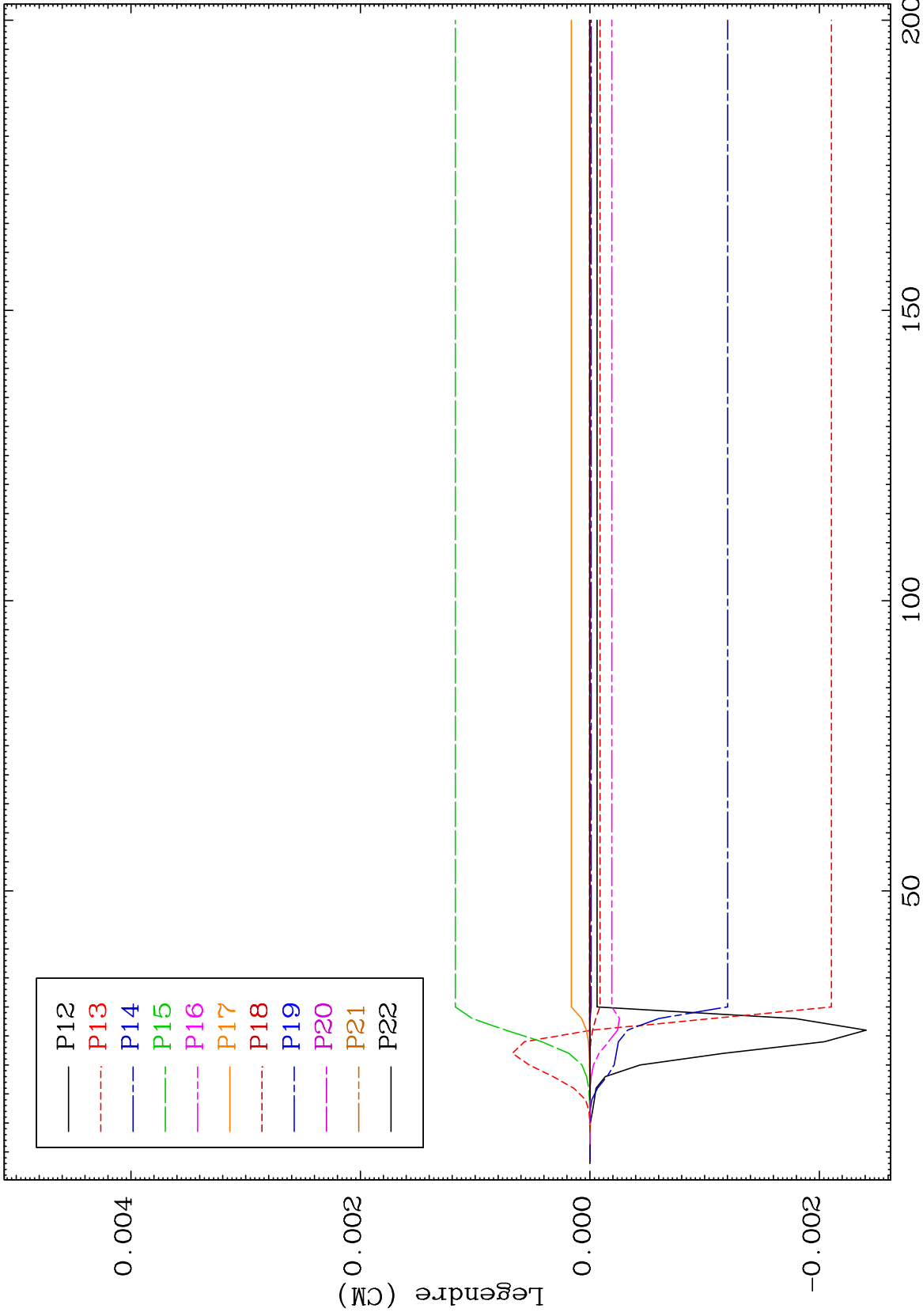
73-Ta-159



MAT 7262

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

73-Ta-159



64

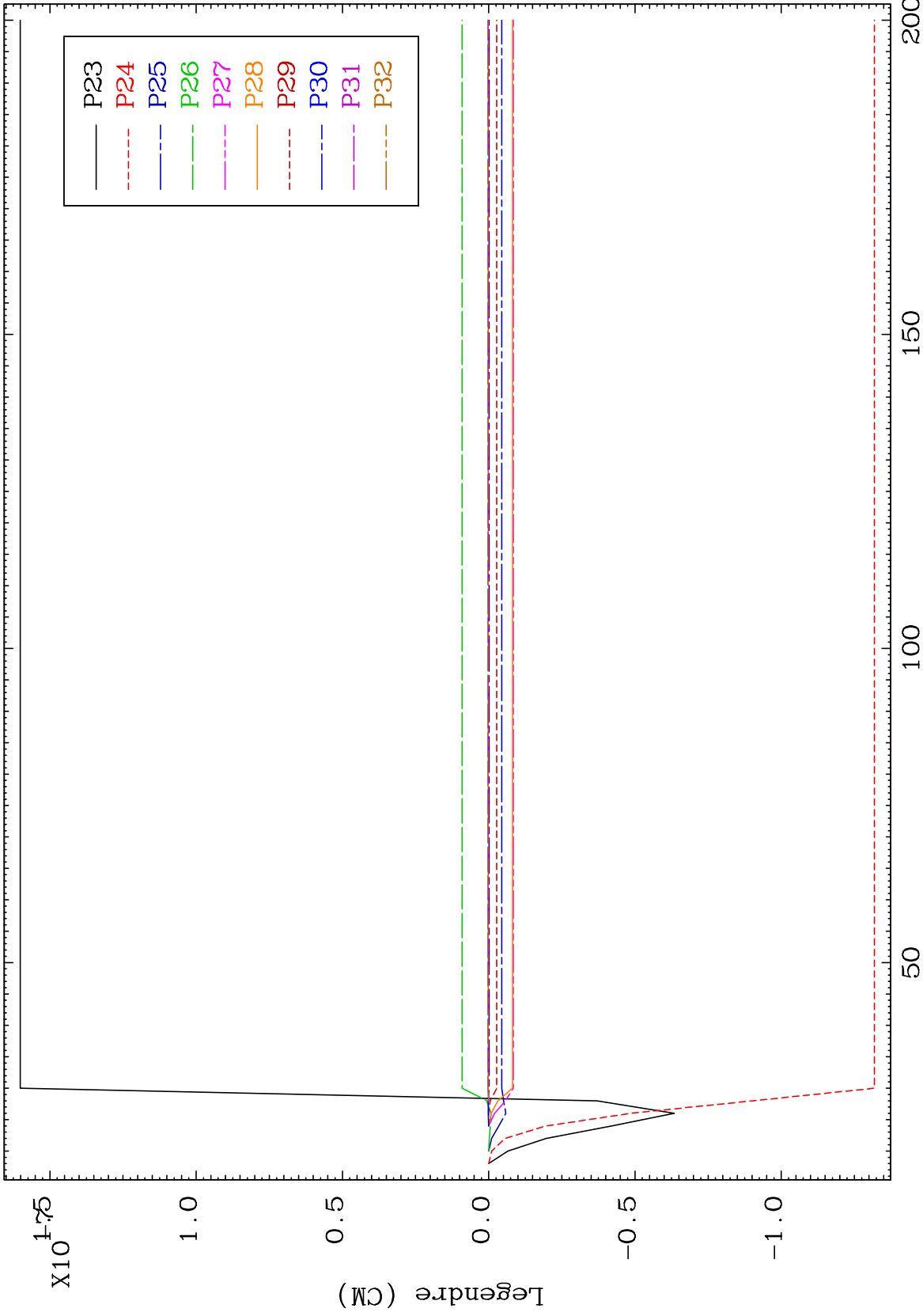
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



65

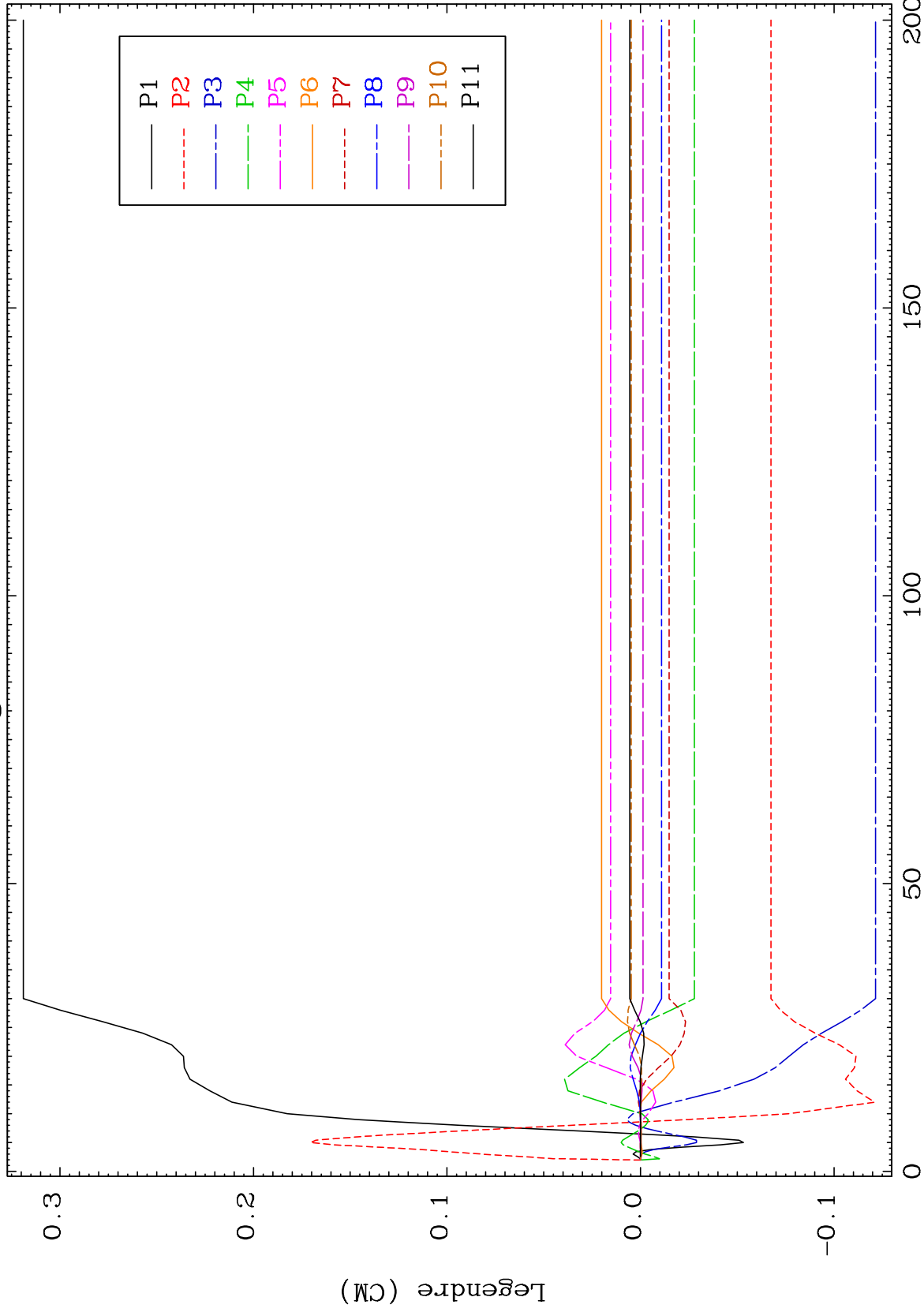
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



66

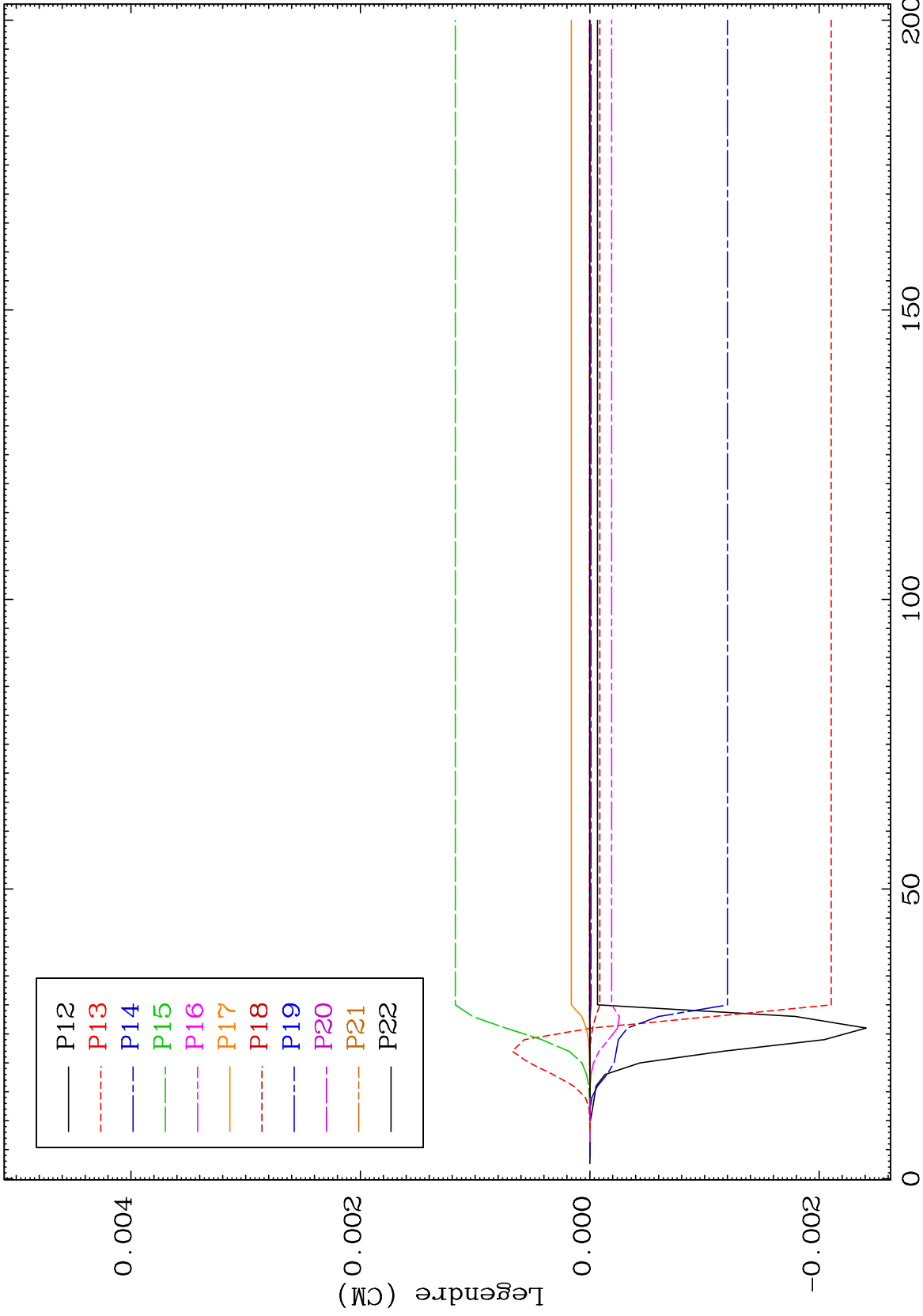
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



67

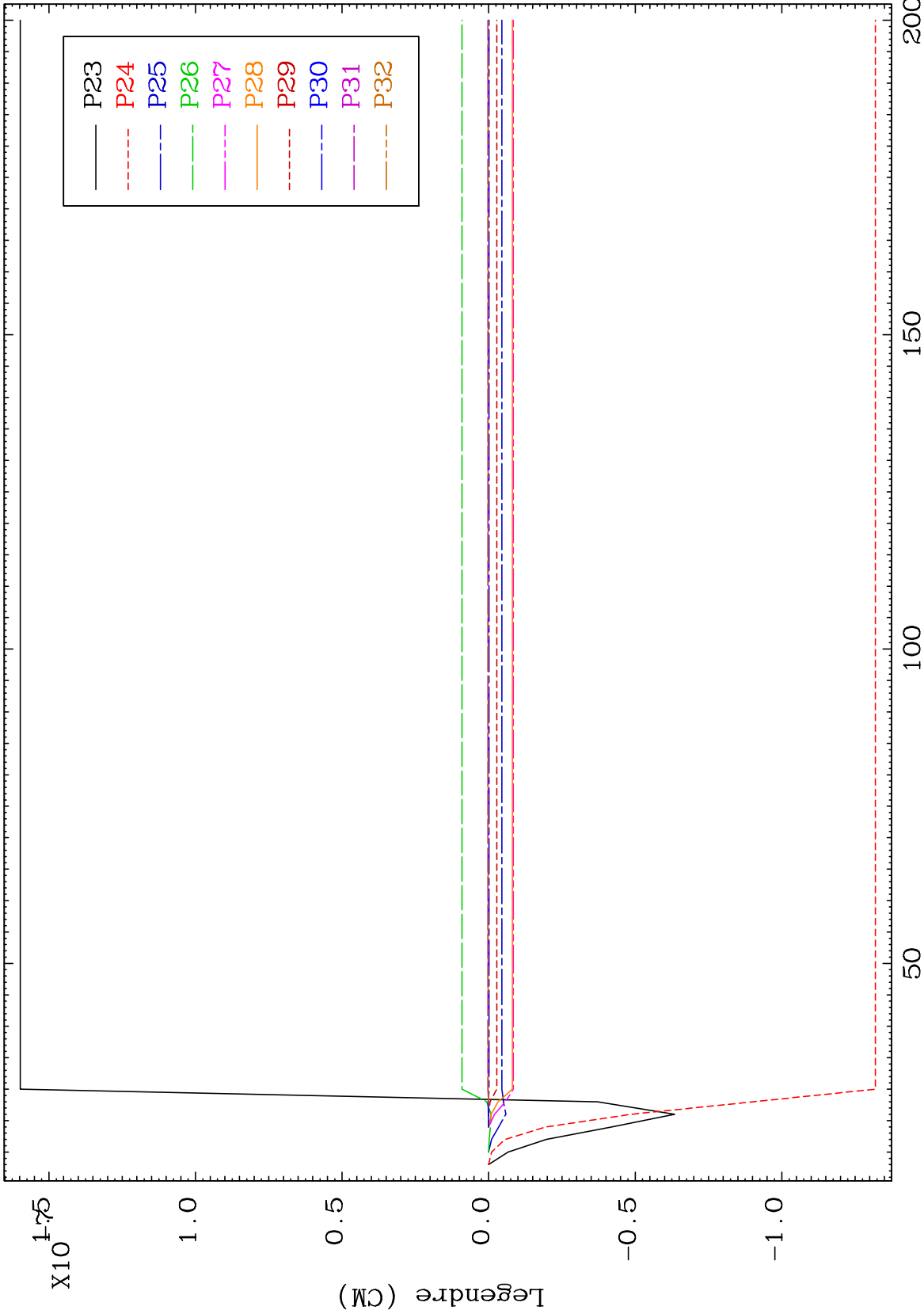
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



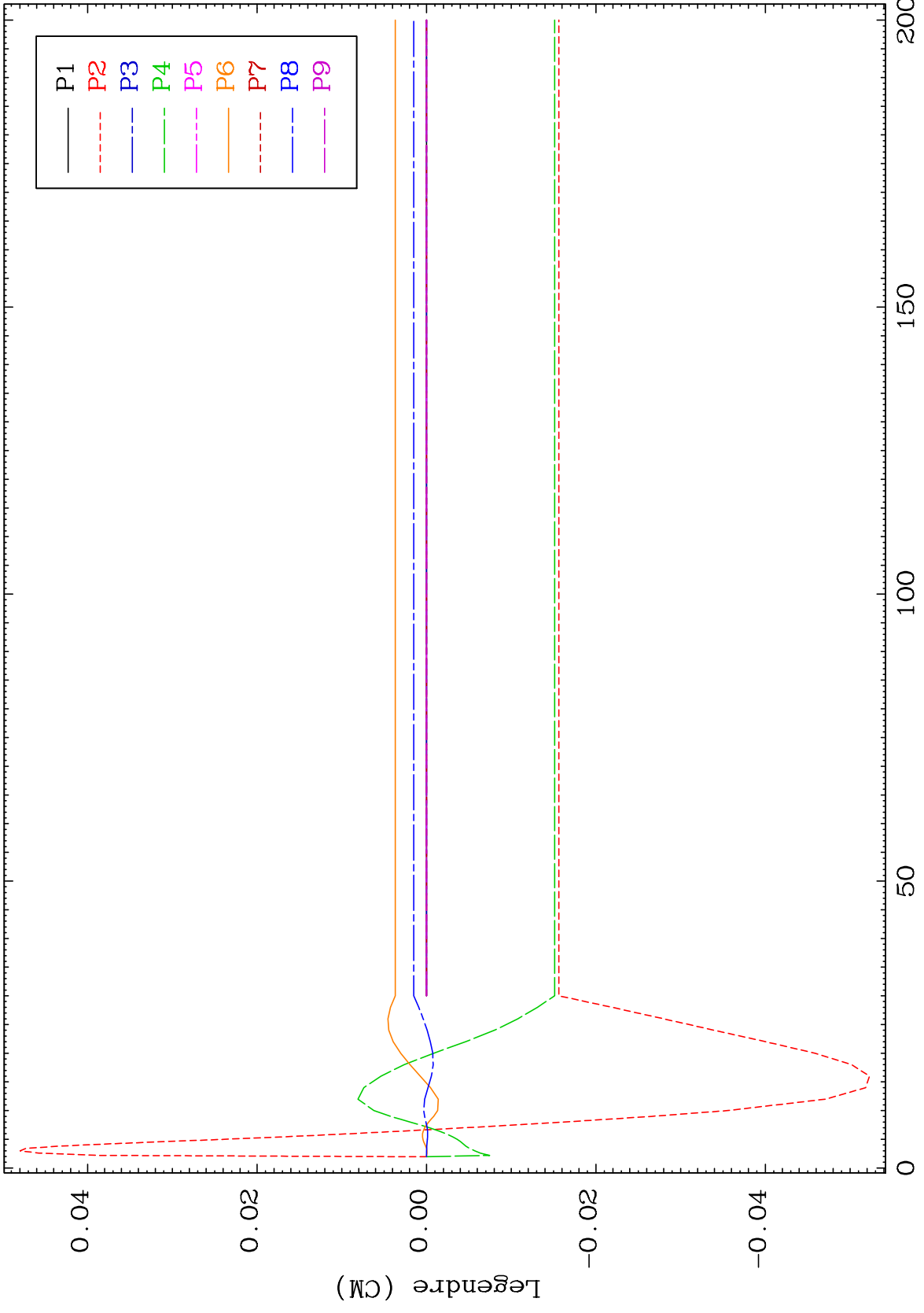
68

73-Ta-159

MAT 7262

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

73-Ta-159



69

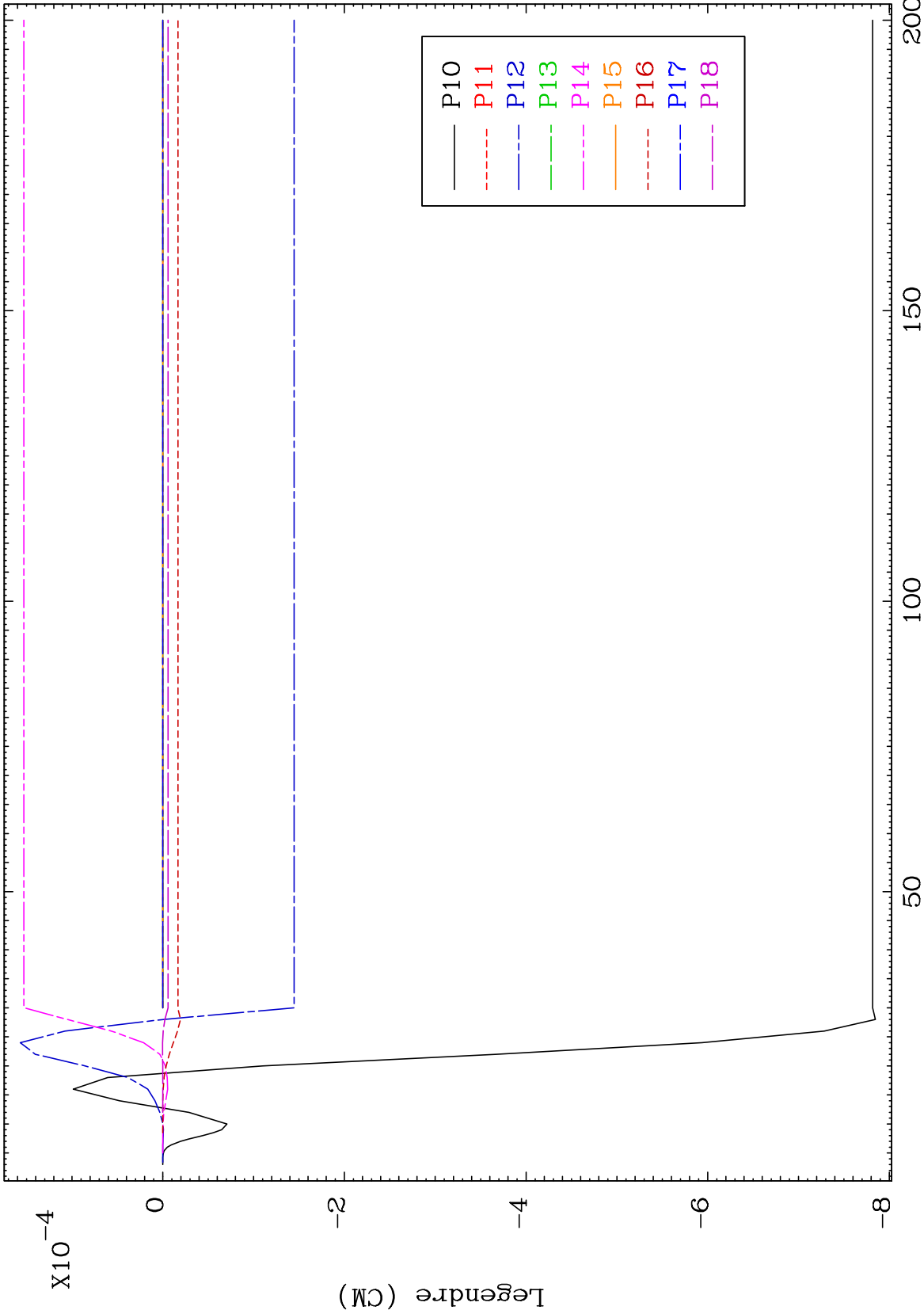
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



70

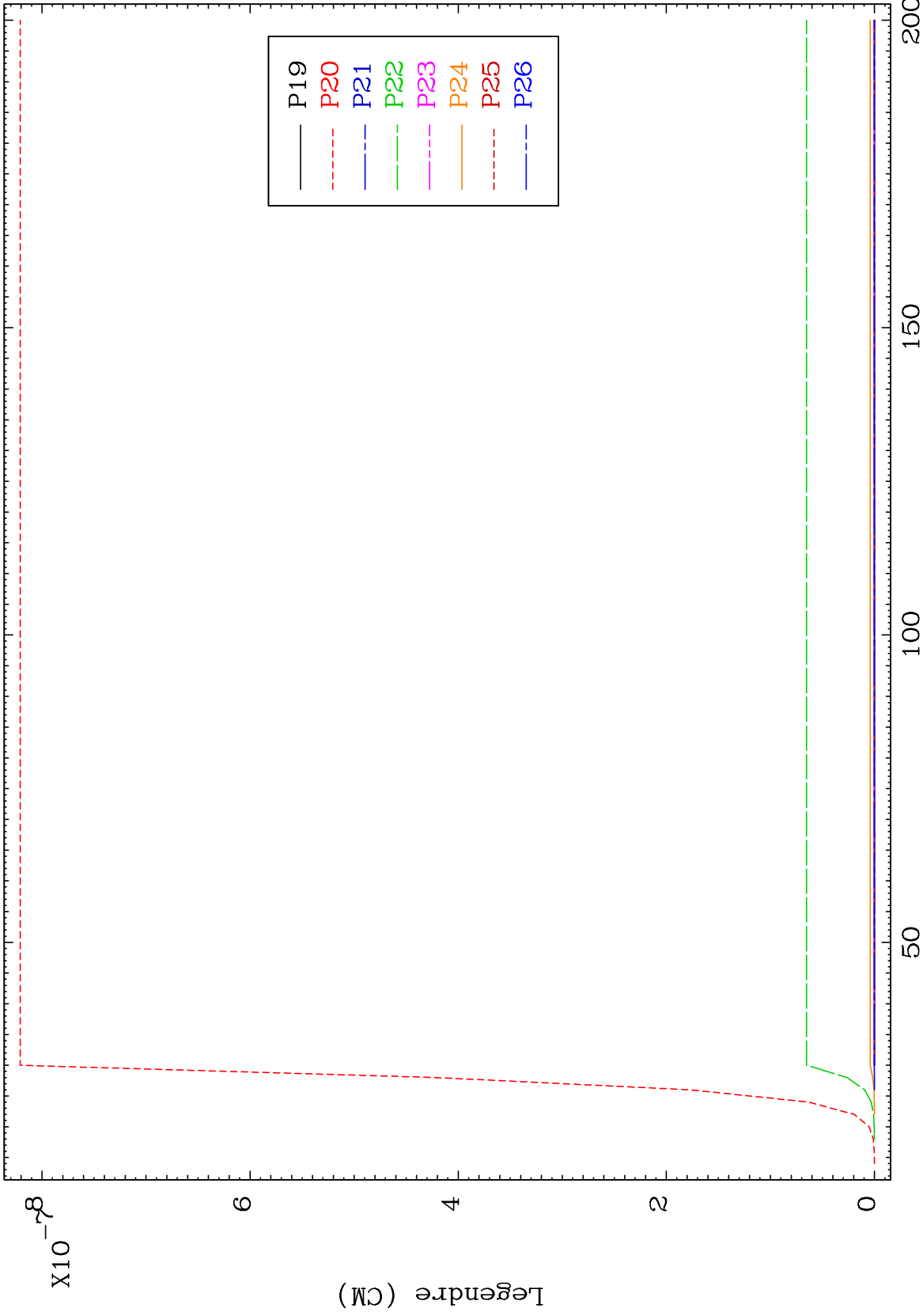
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



71

Incident Energy (MeV)

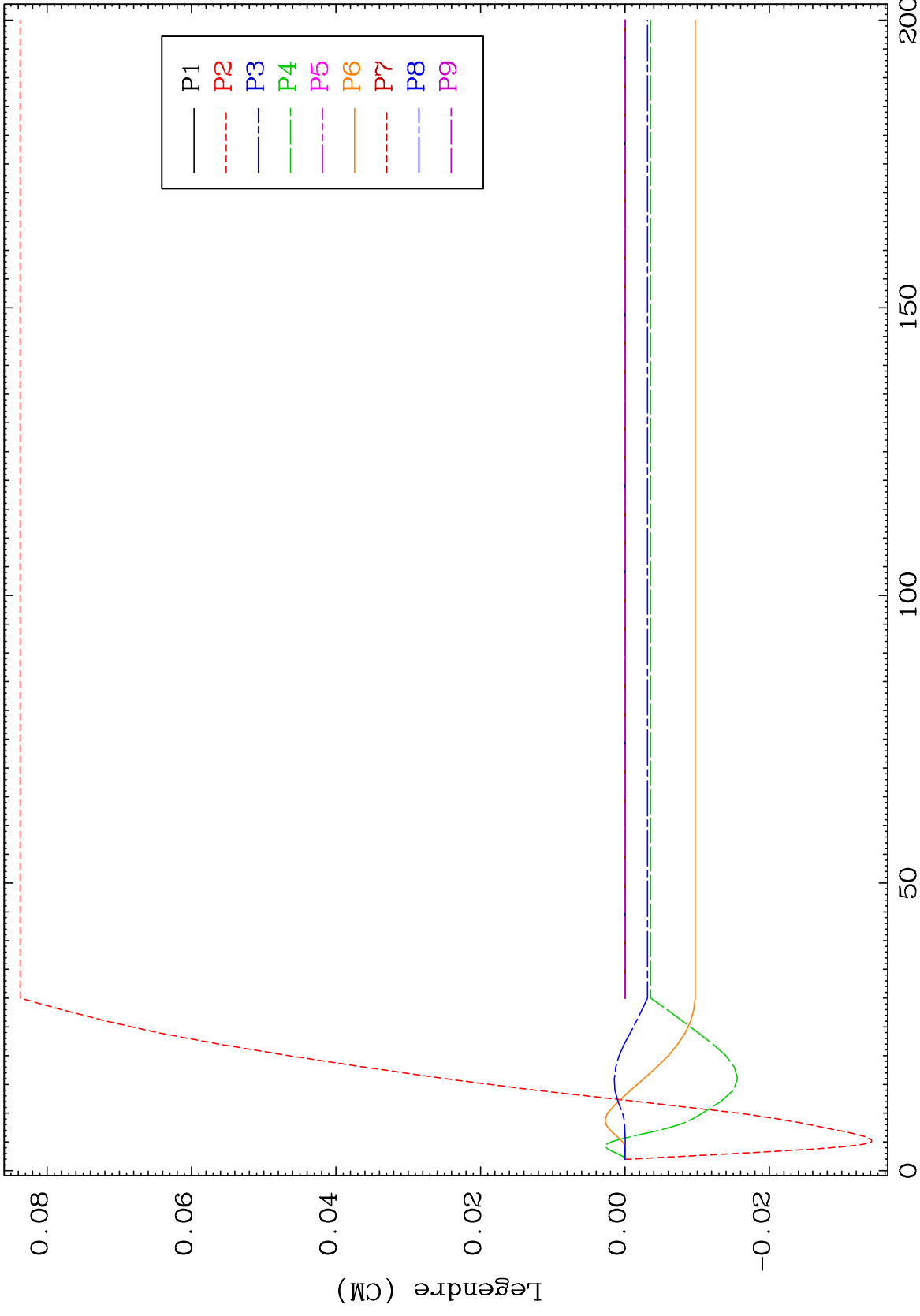
73-Ta-159



MAT 7262

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

73-Ta-159



72

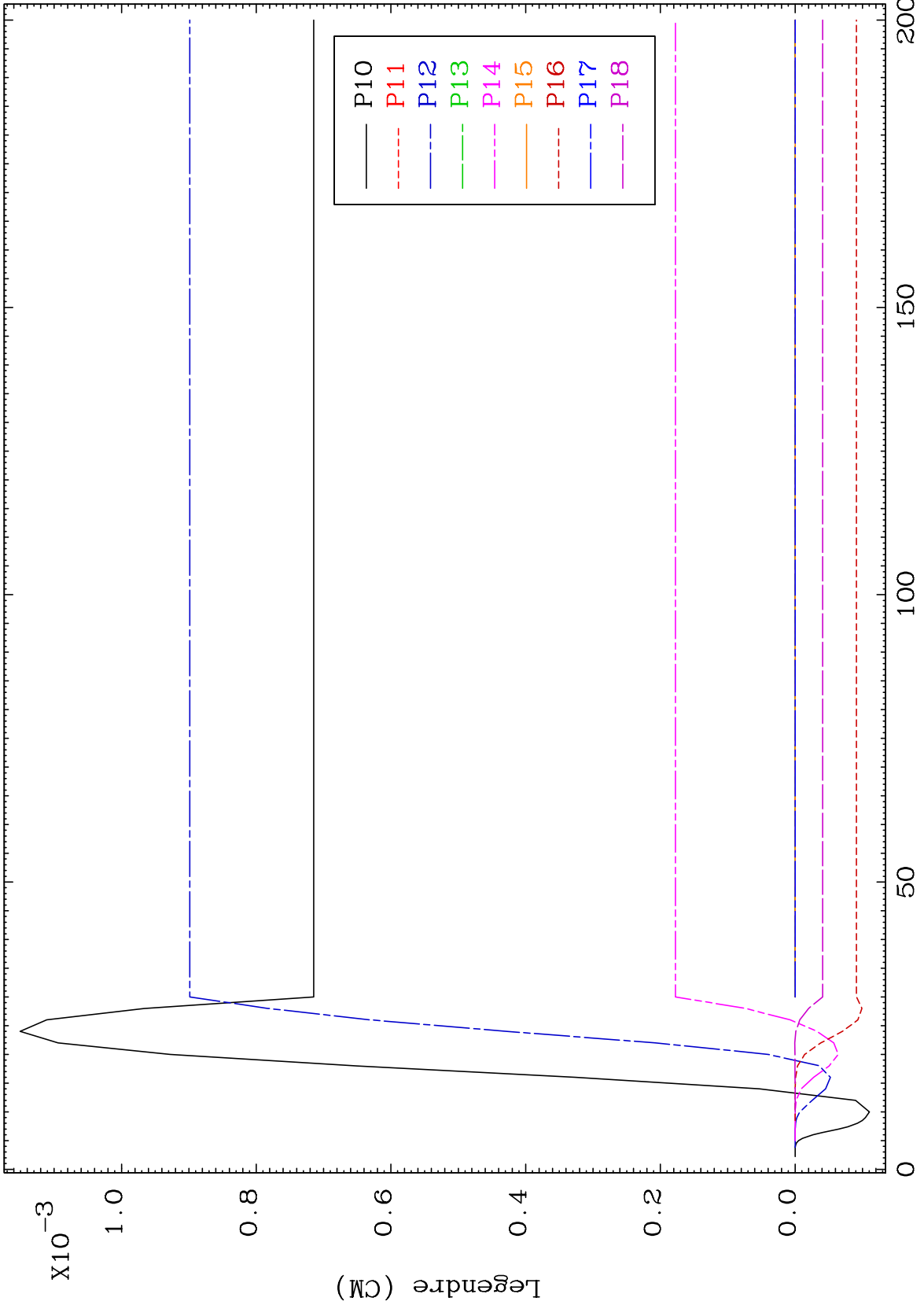
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159

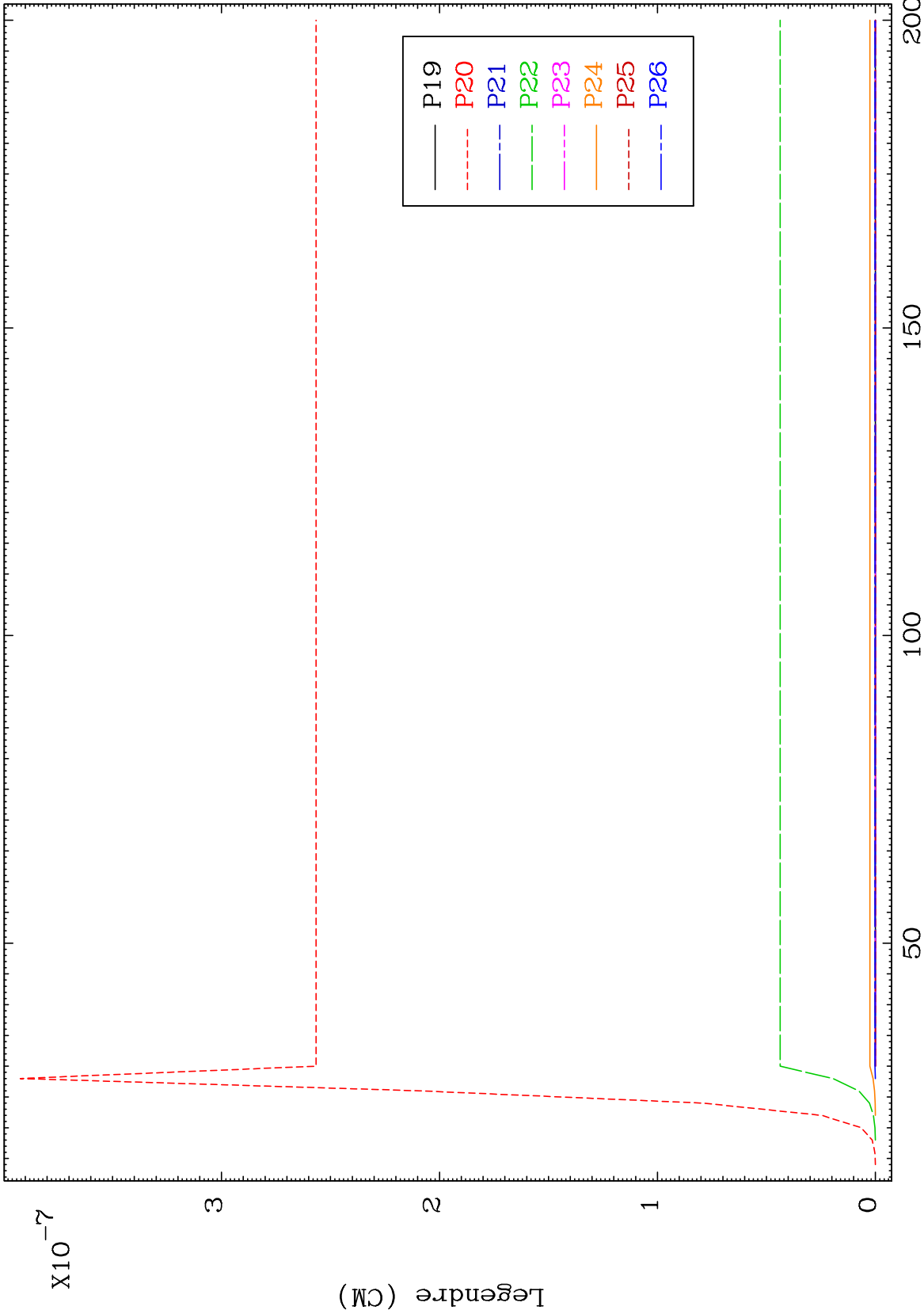


73

MAT 7262

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

73-Ta-159



74

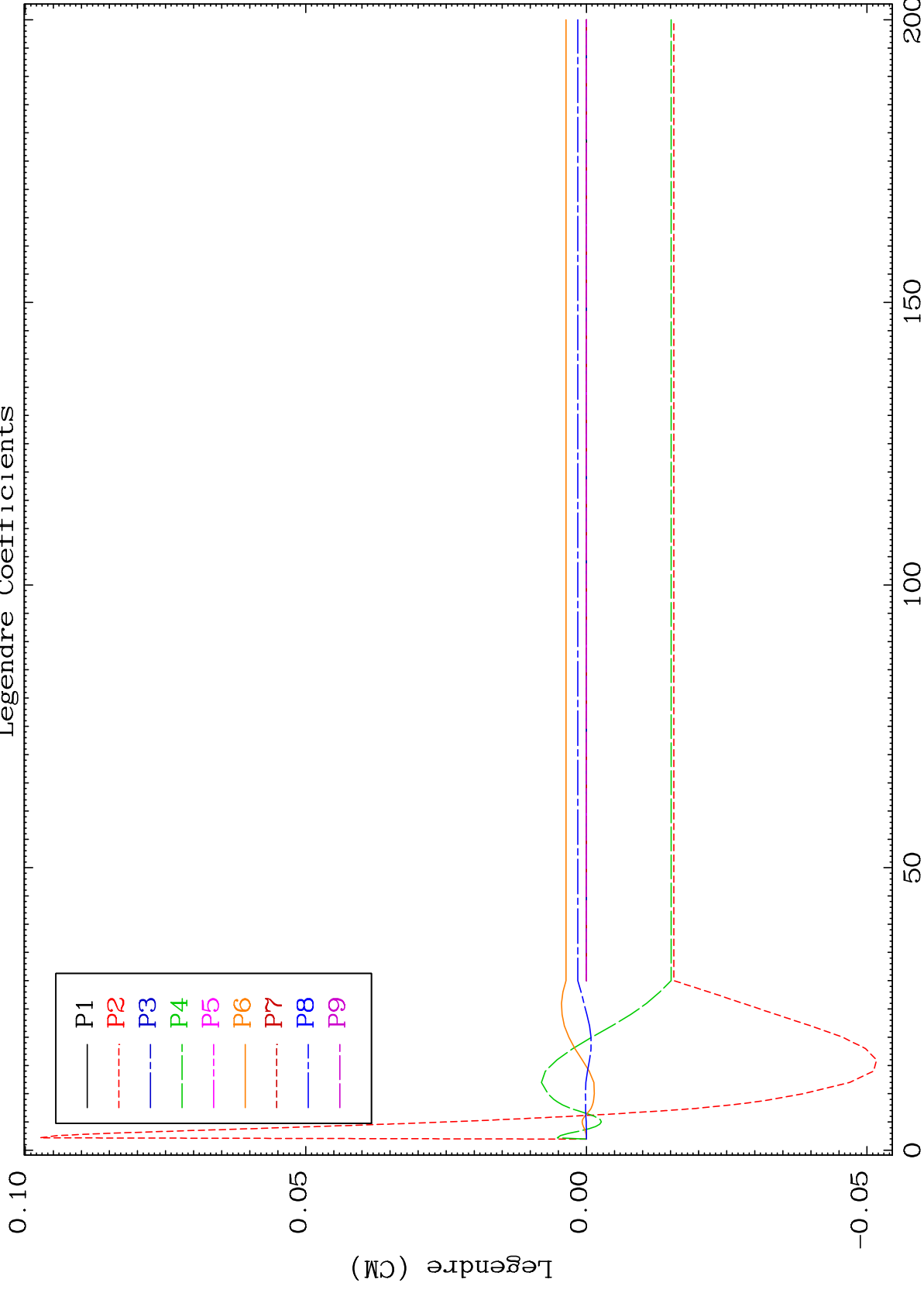
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



73-Ta-159

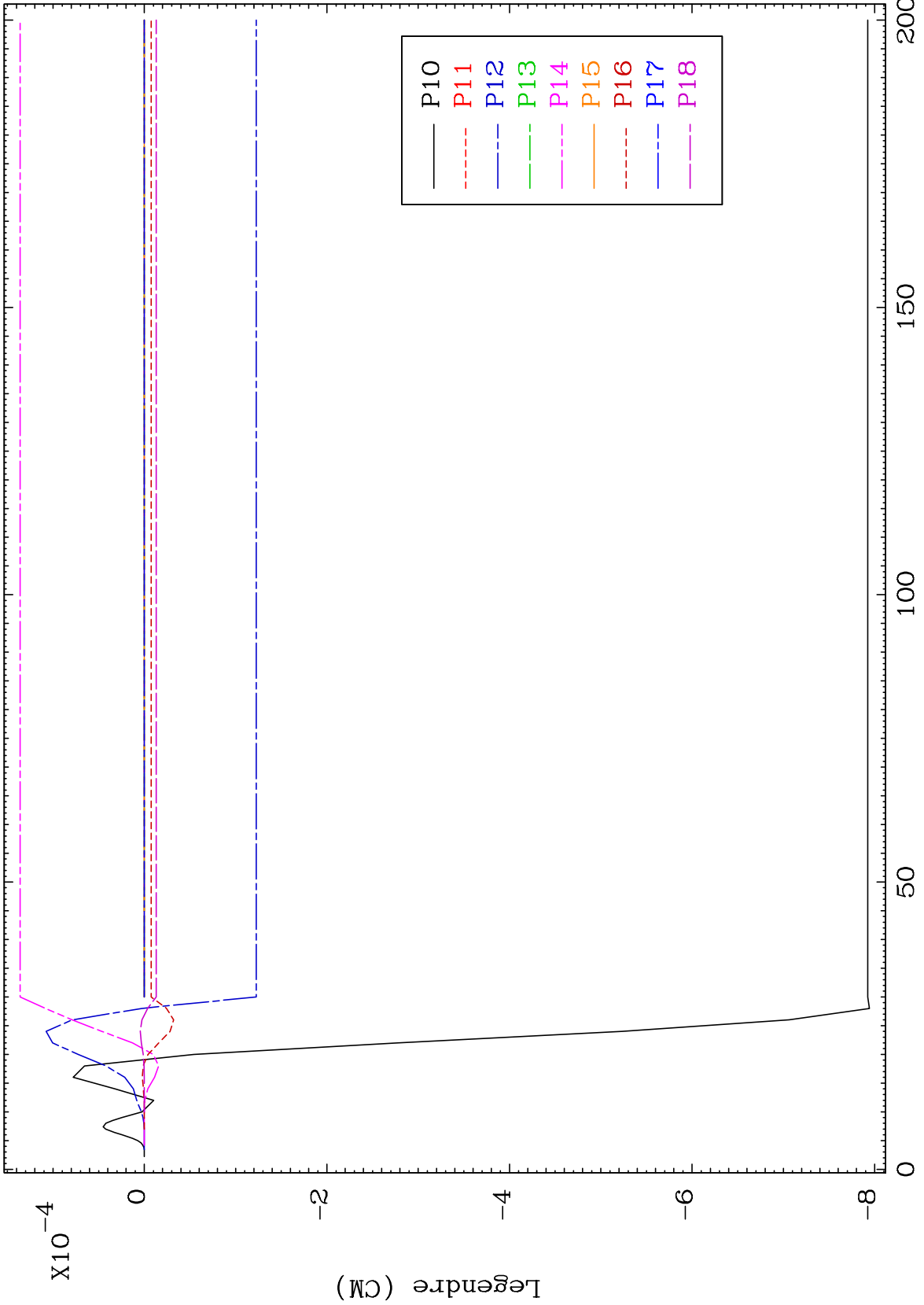
Incident Energy (MeV)

75

MAT 7262

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

73-Ta-159



76

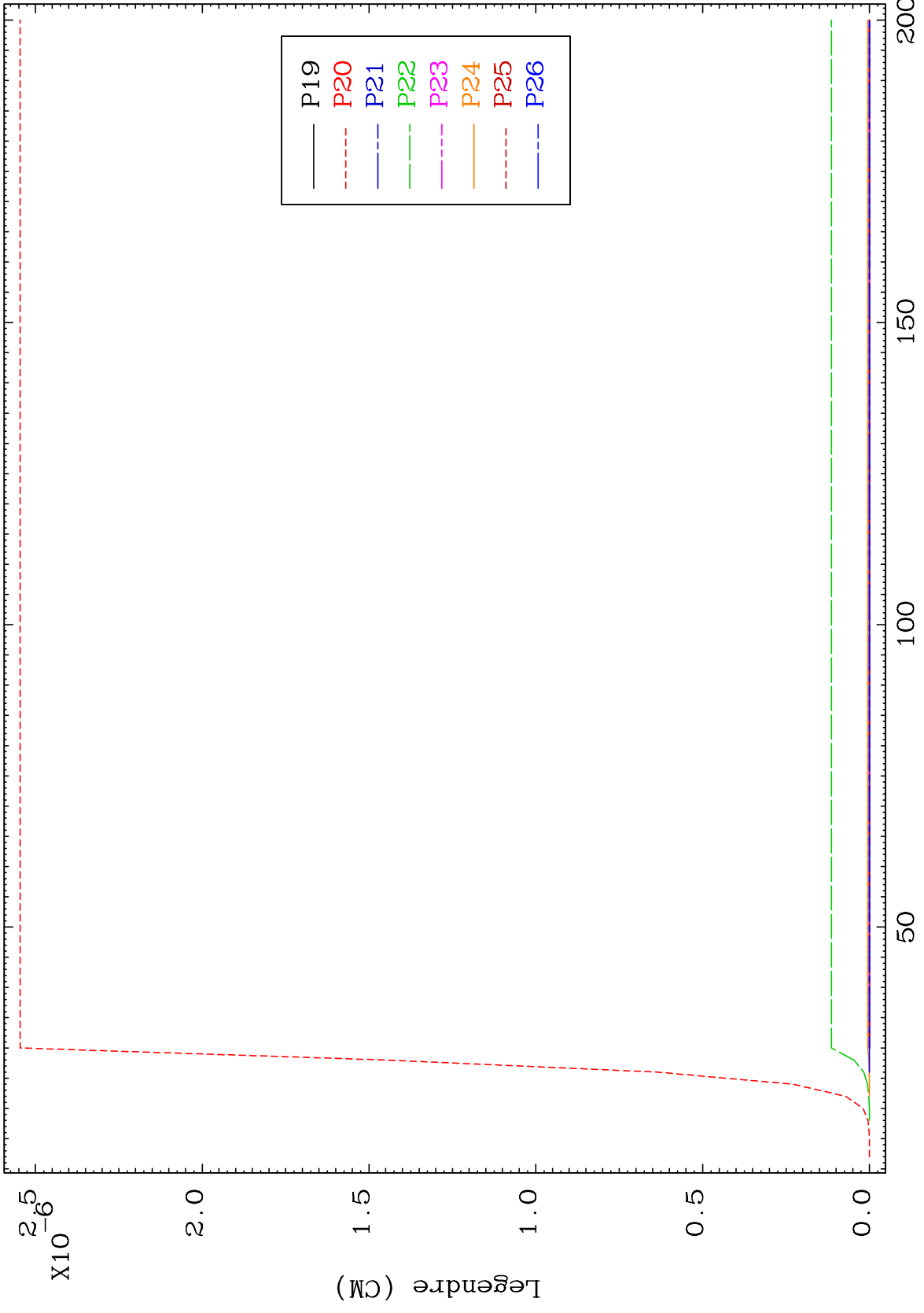
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



77

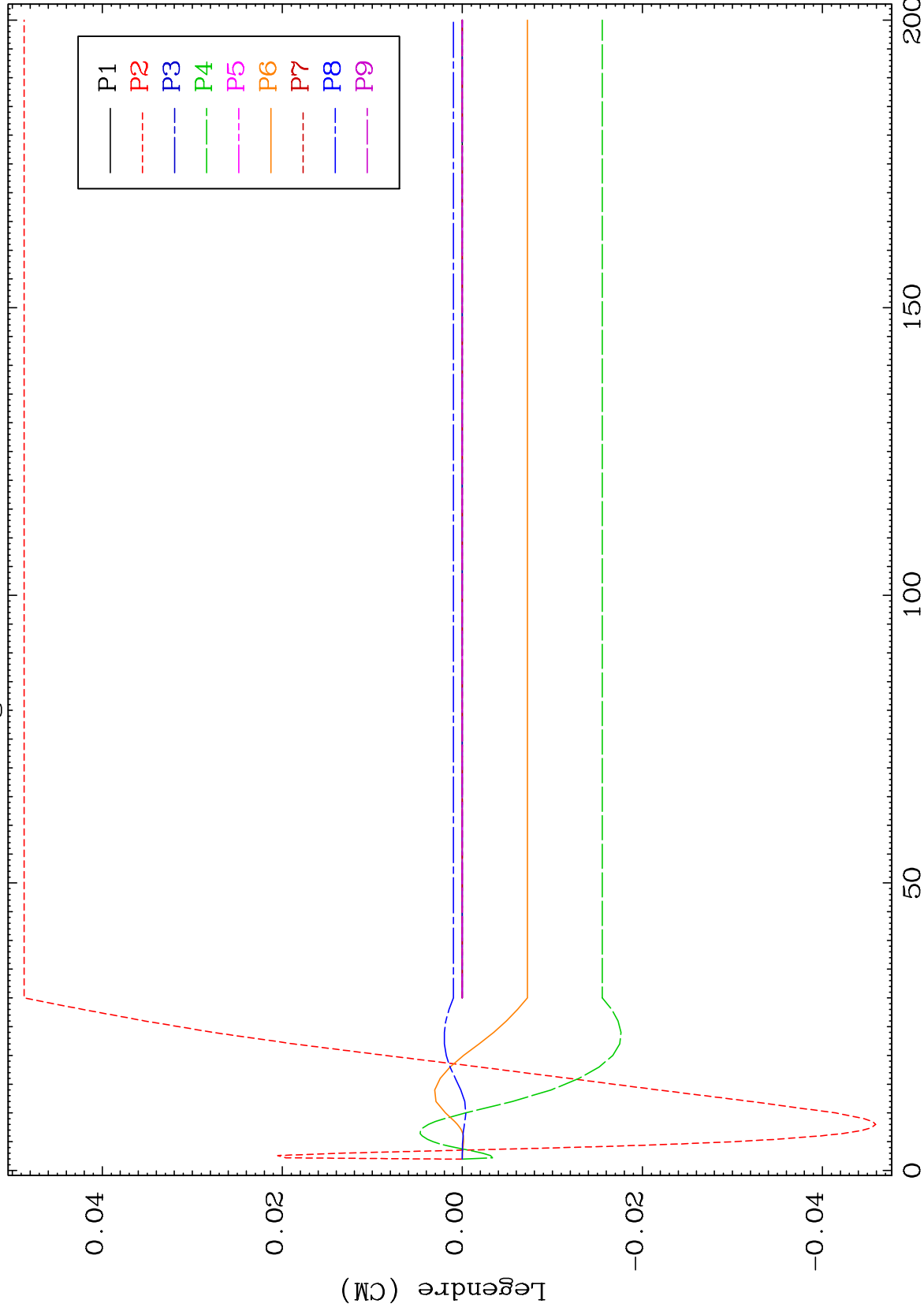
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



78

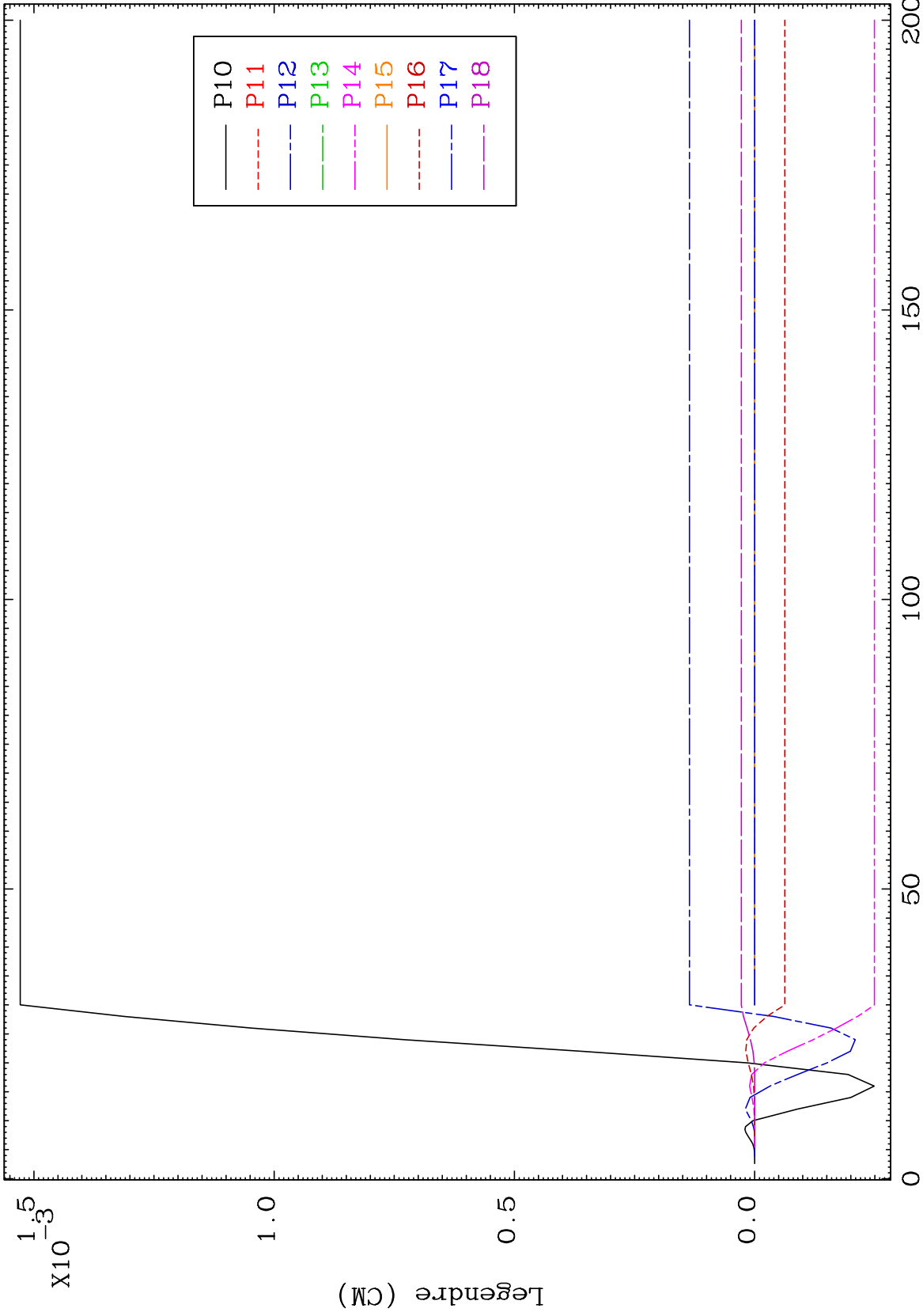
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



79

Incident Energy (MeV)

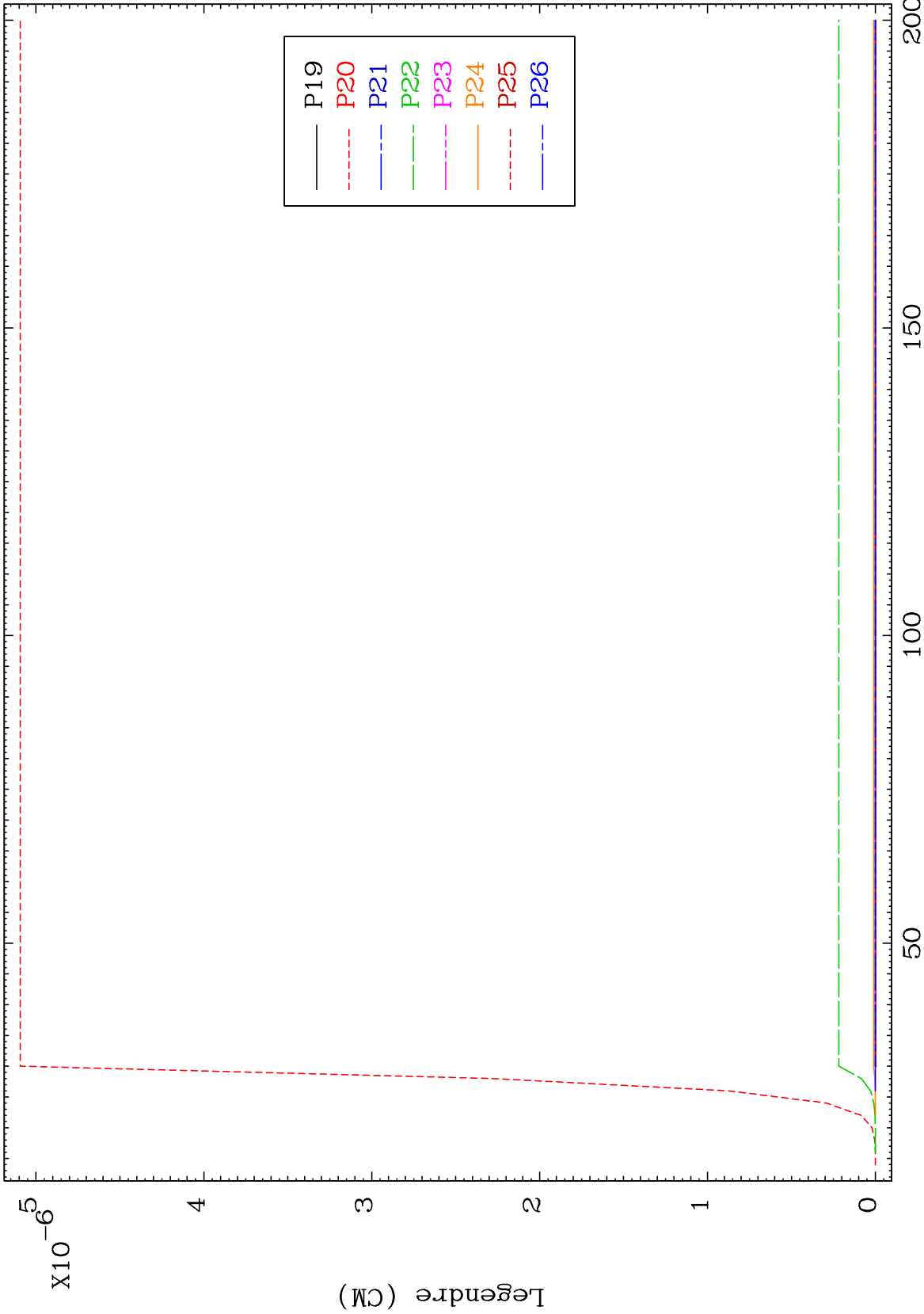
73-Ta-159



MAT 7262

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

73-Ta-159



80

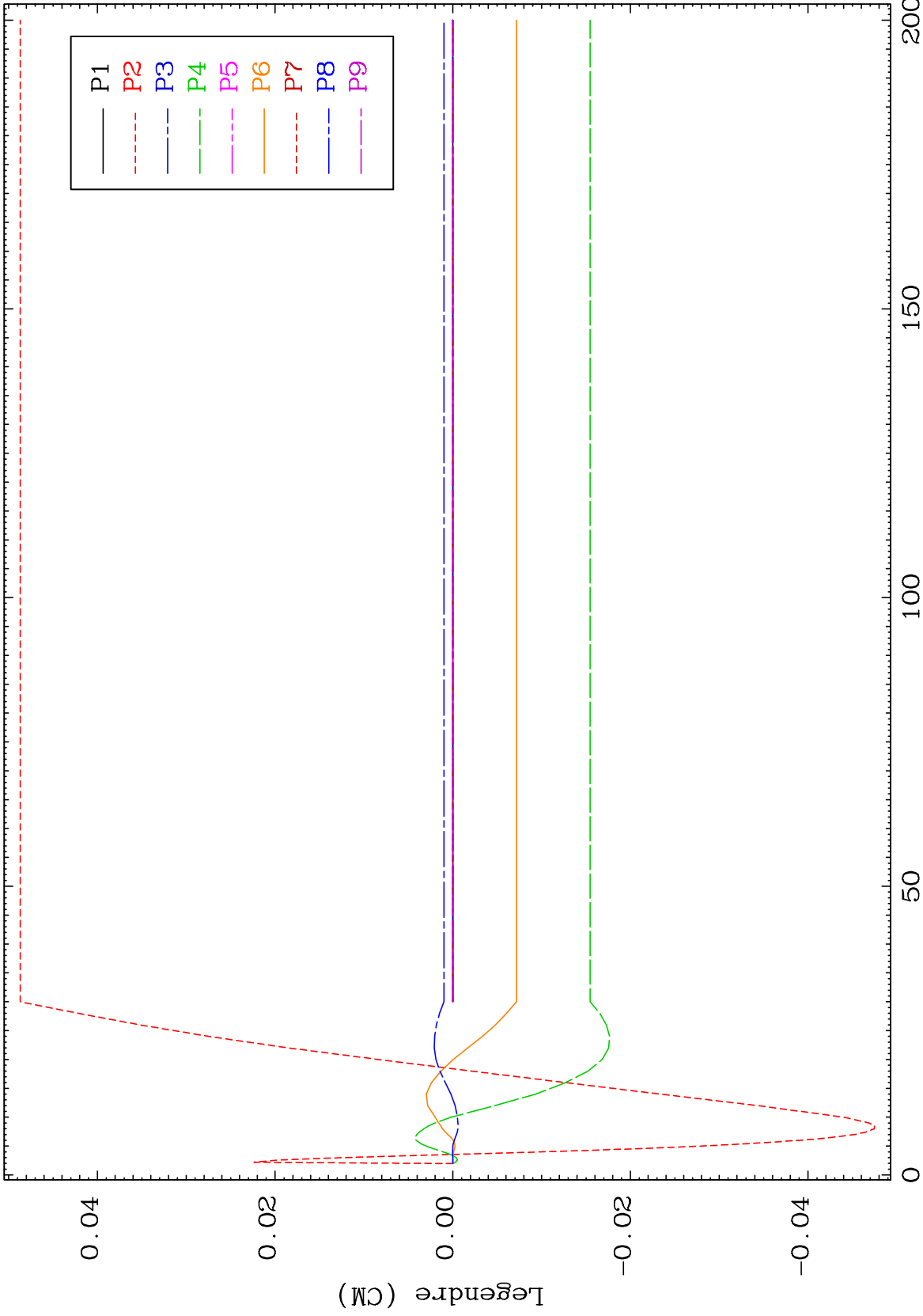
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



81

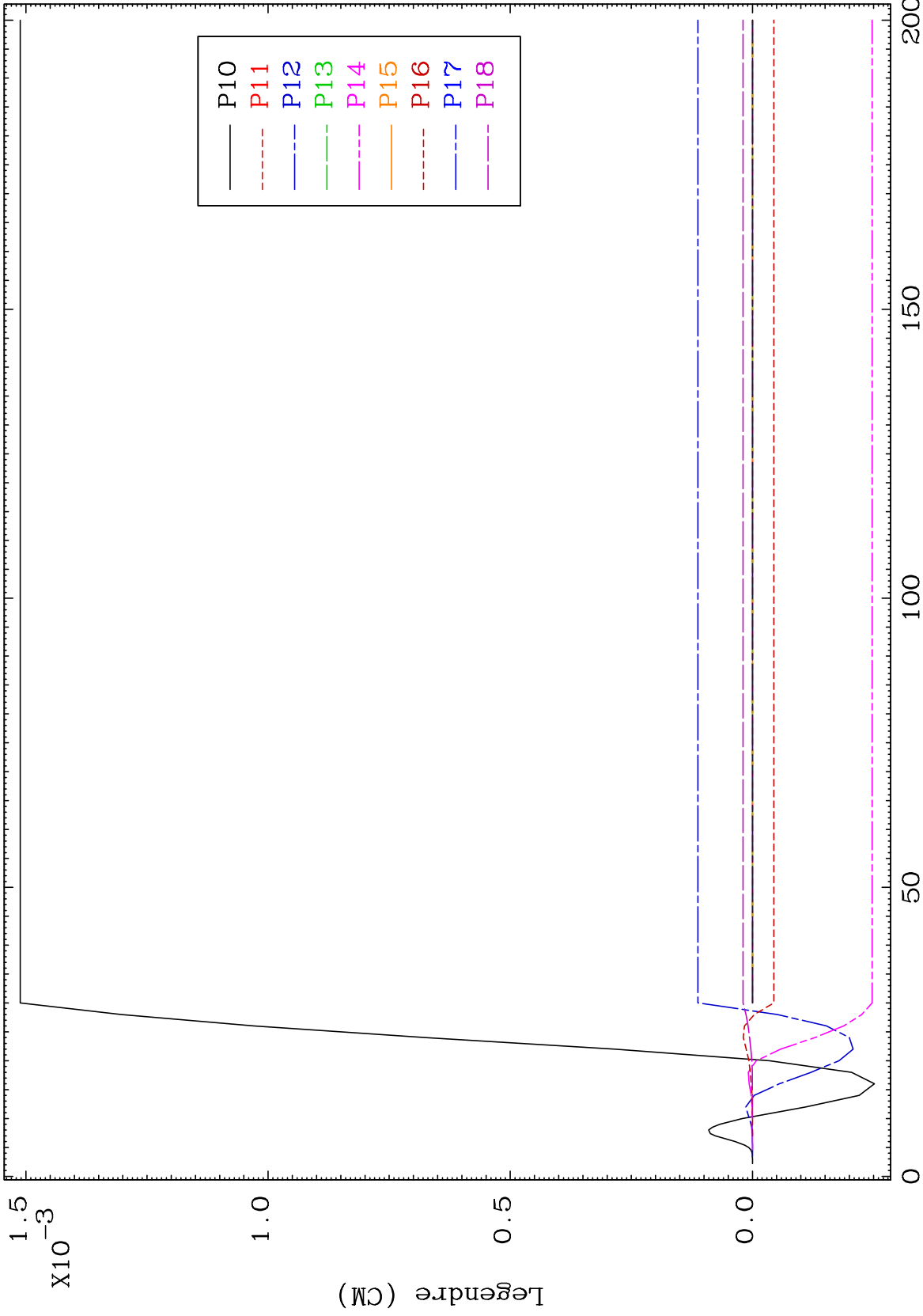
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



82

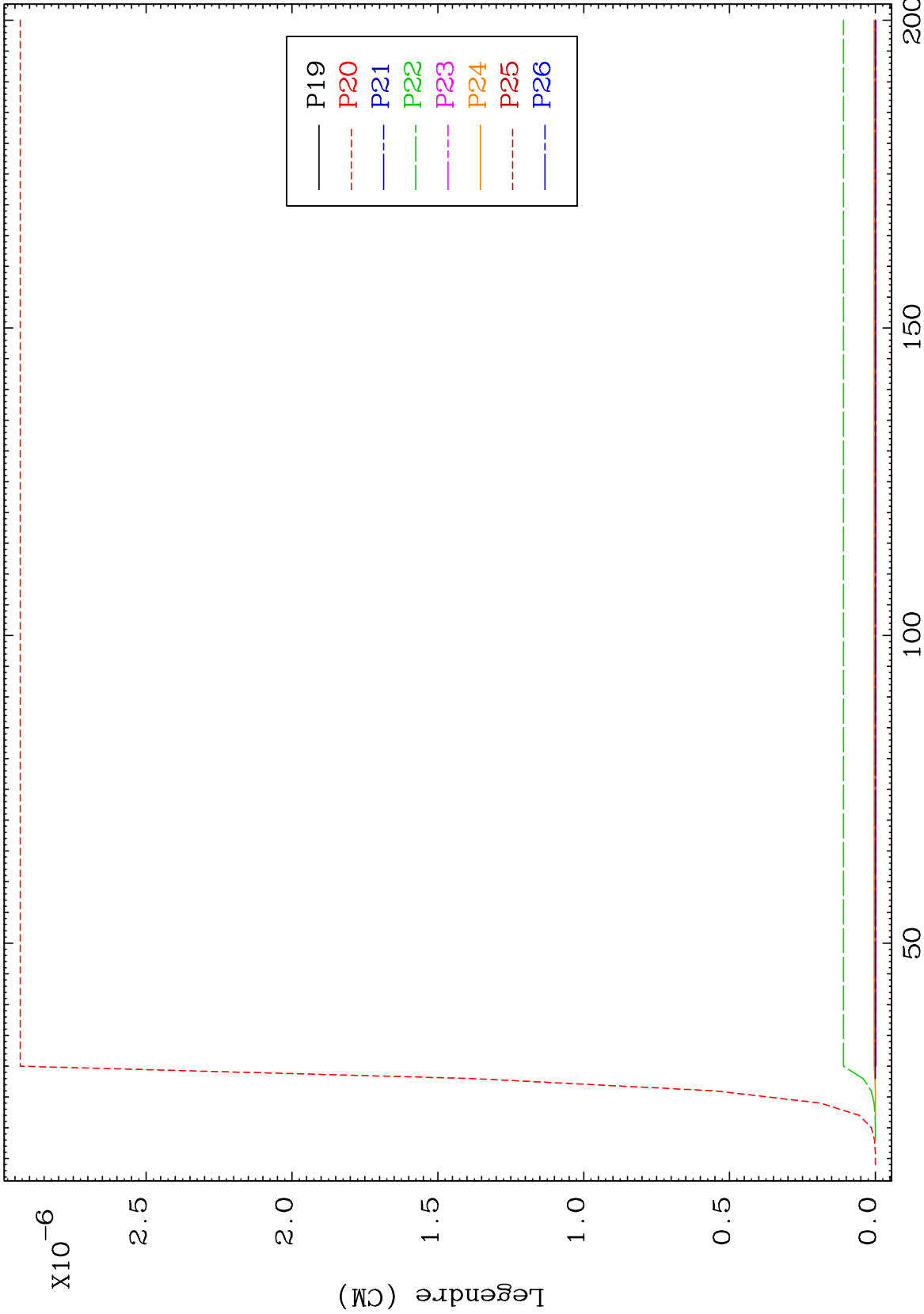
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

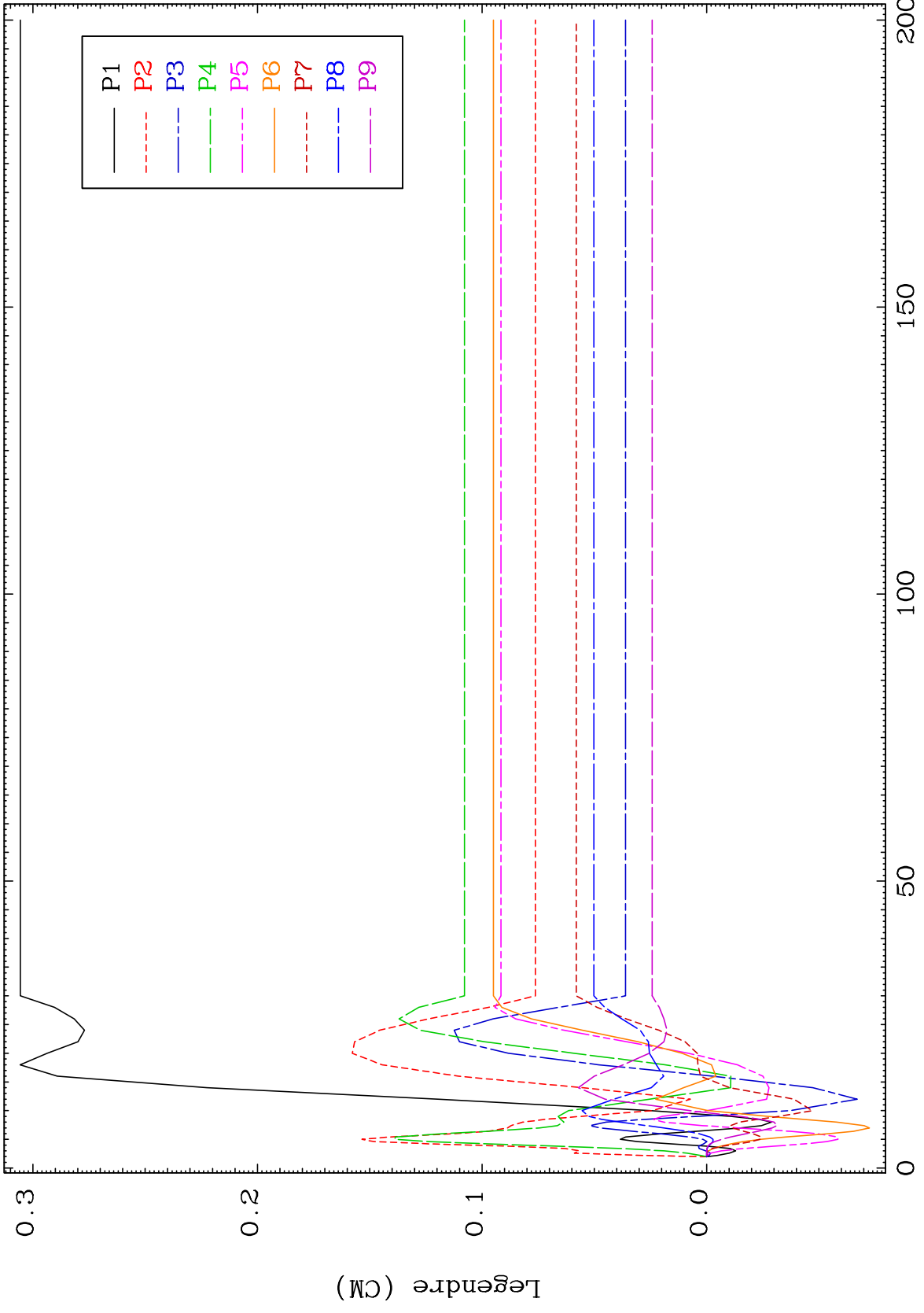
73-Ta-159



83

73-Ta-159

MAT 7262 MT= 69 (n,n') Level Legendre Coefficients 73-Ta-159

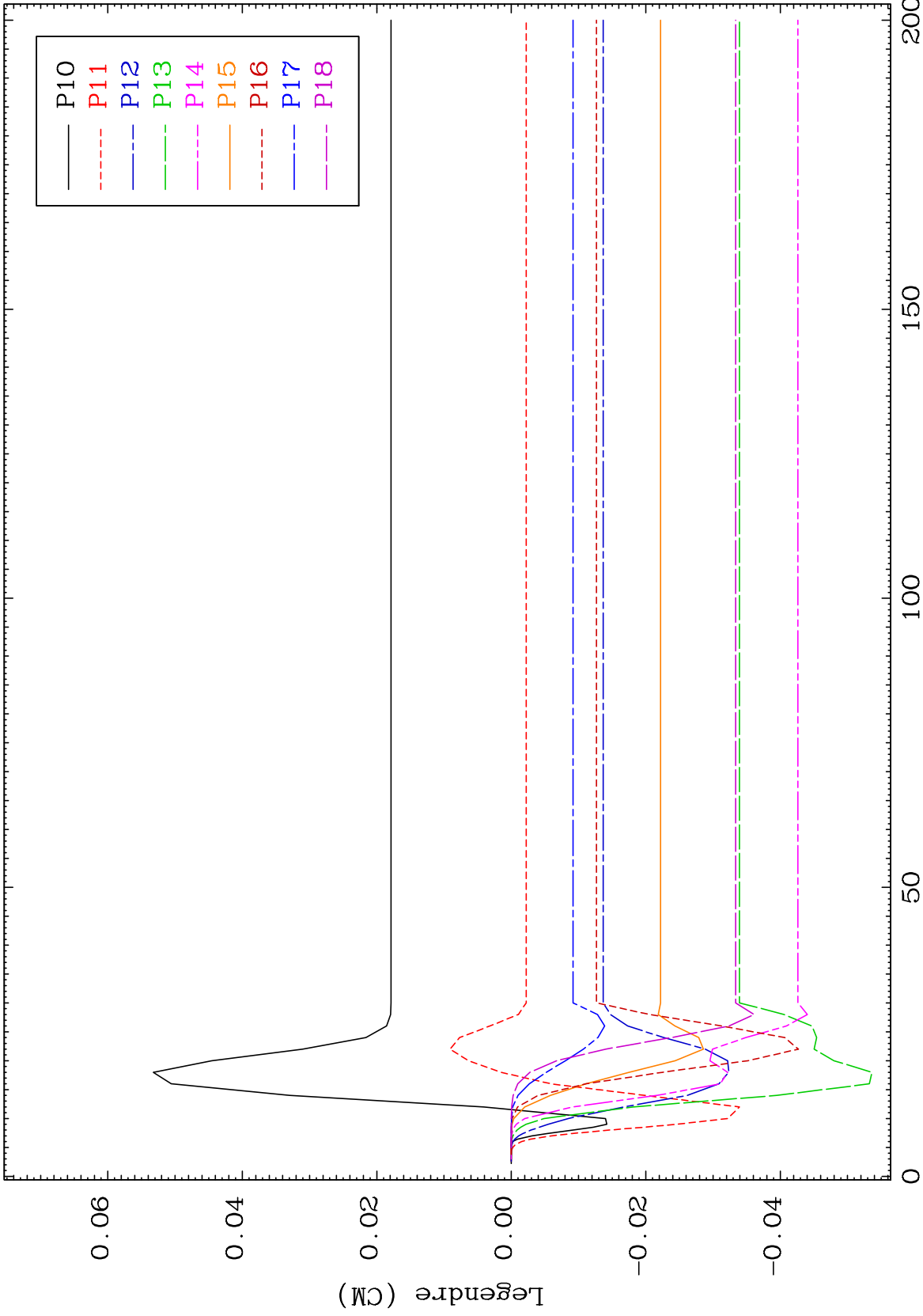


84 Incident Energy (MeV) 73-Ta-159

MAT 7262

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

73-Ta-159



85

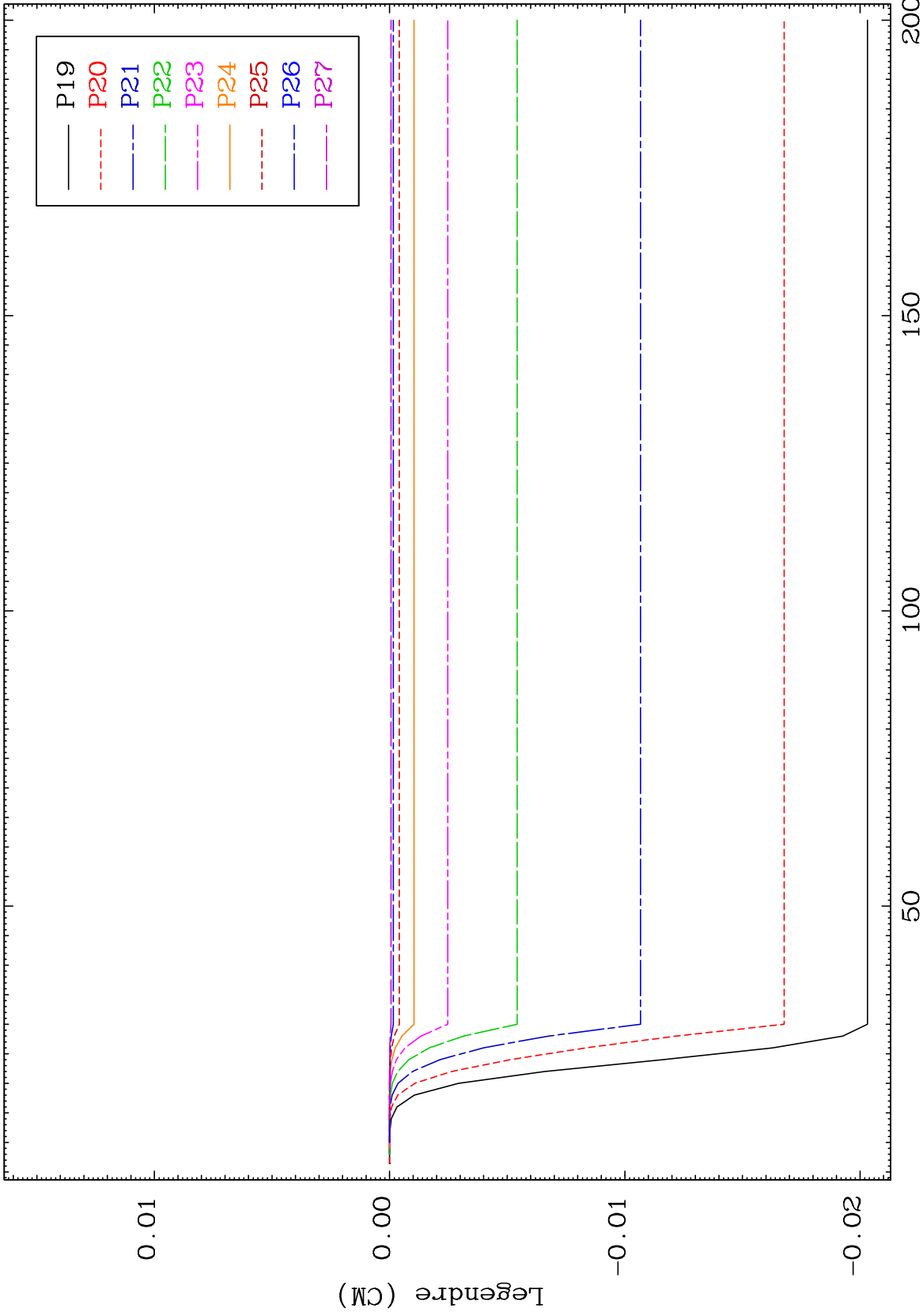
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



86

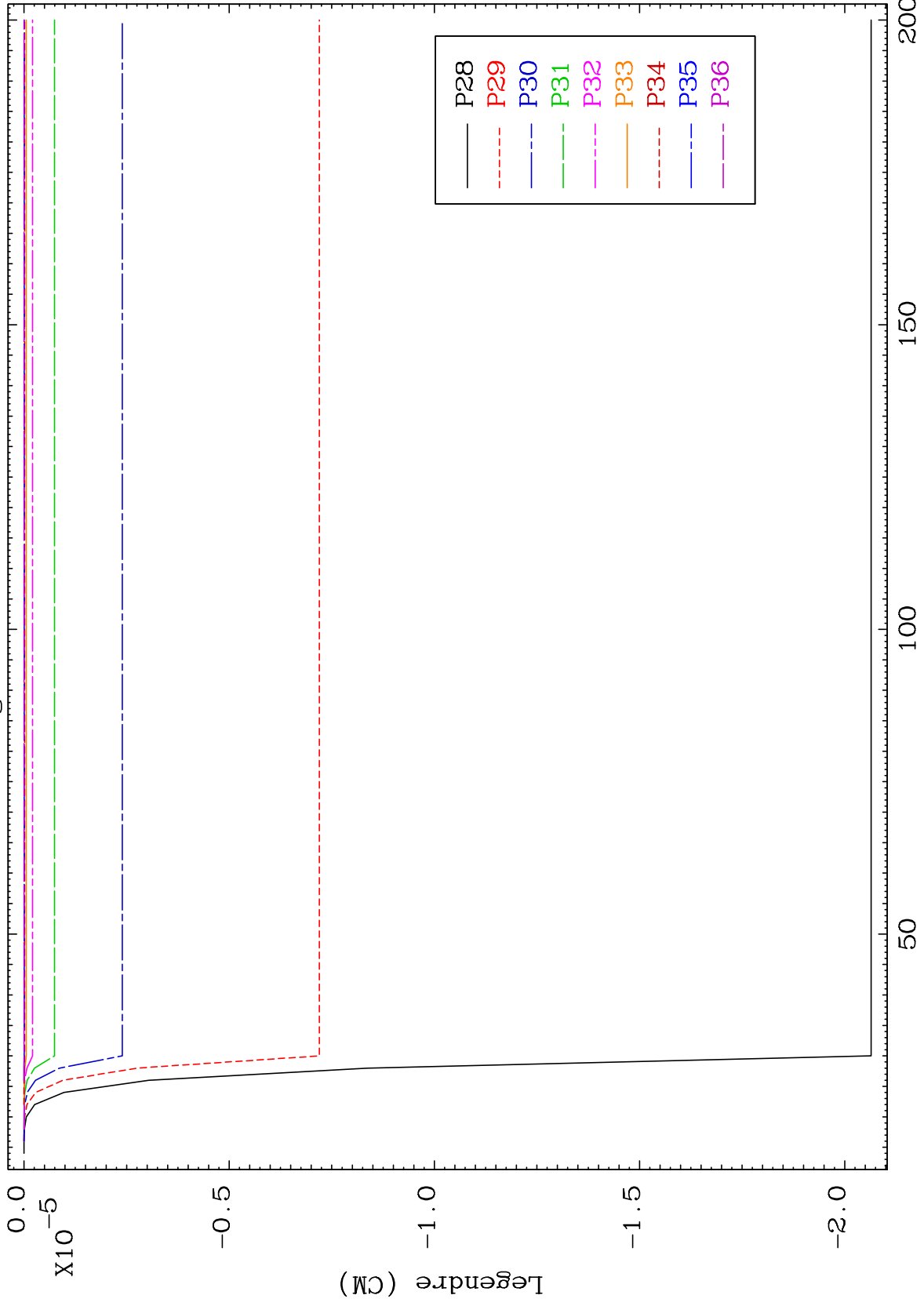
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



73-Ta-159

Incident Energy (MeV)

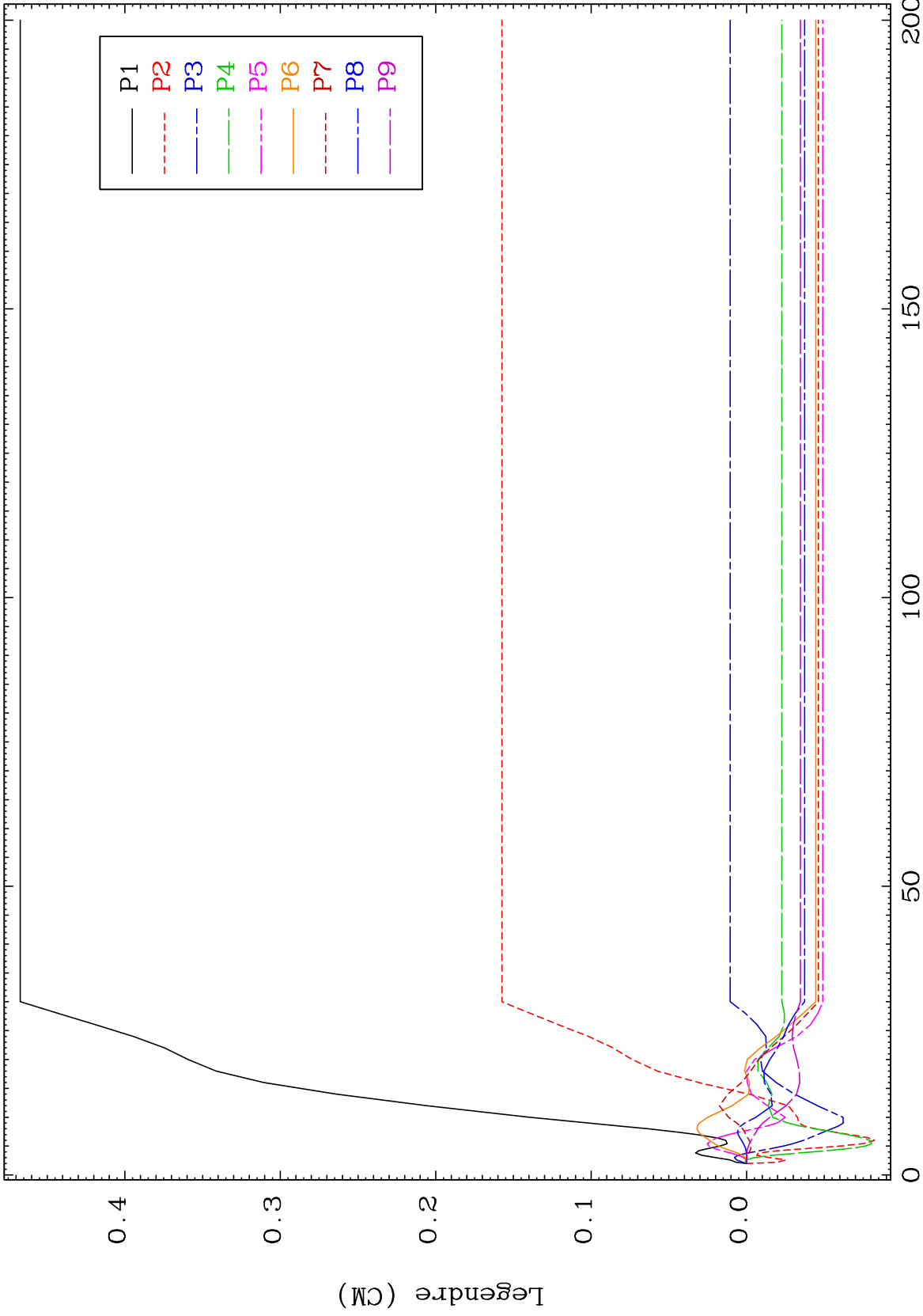
87



MAT 7262

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

73-Ta-159



88

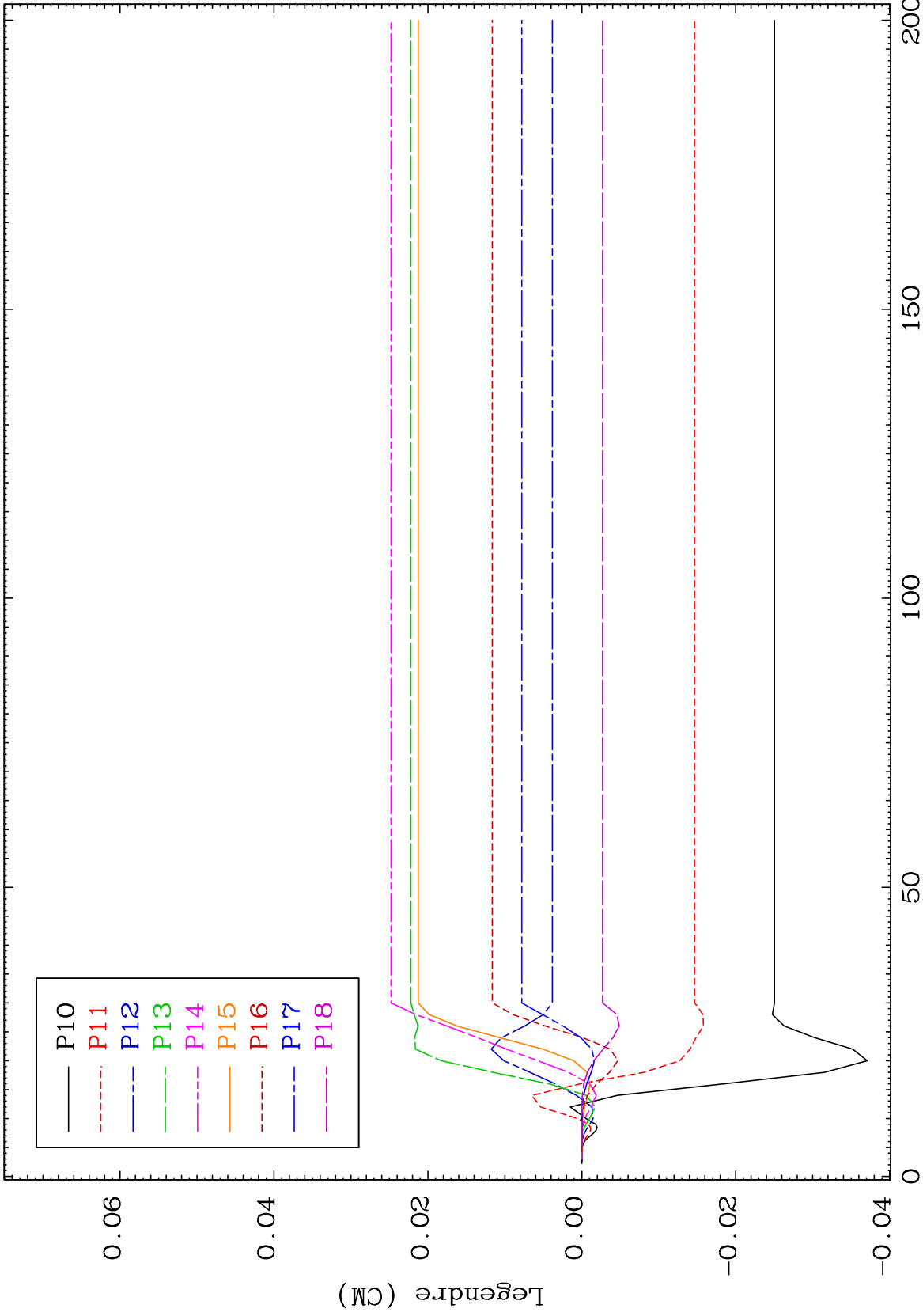
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



89

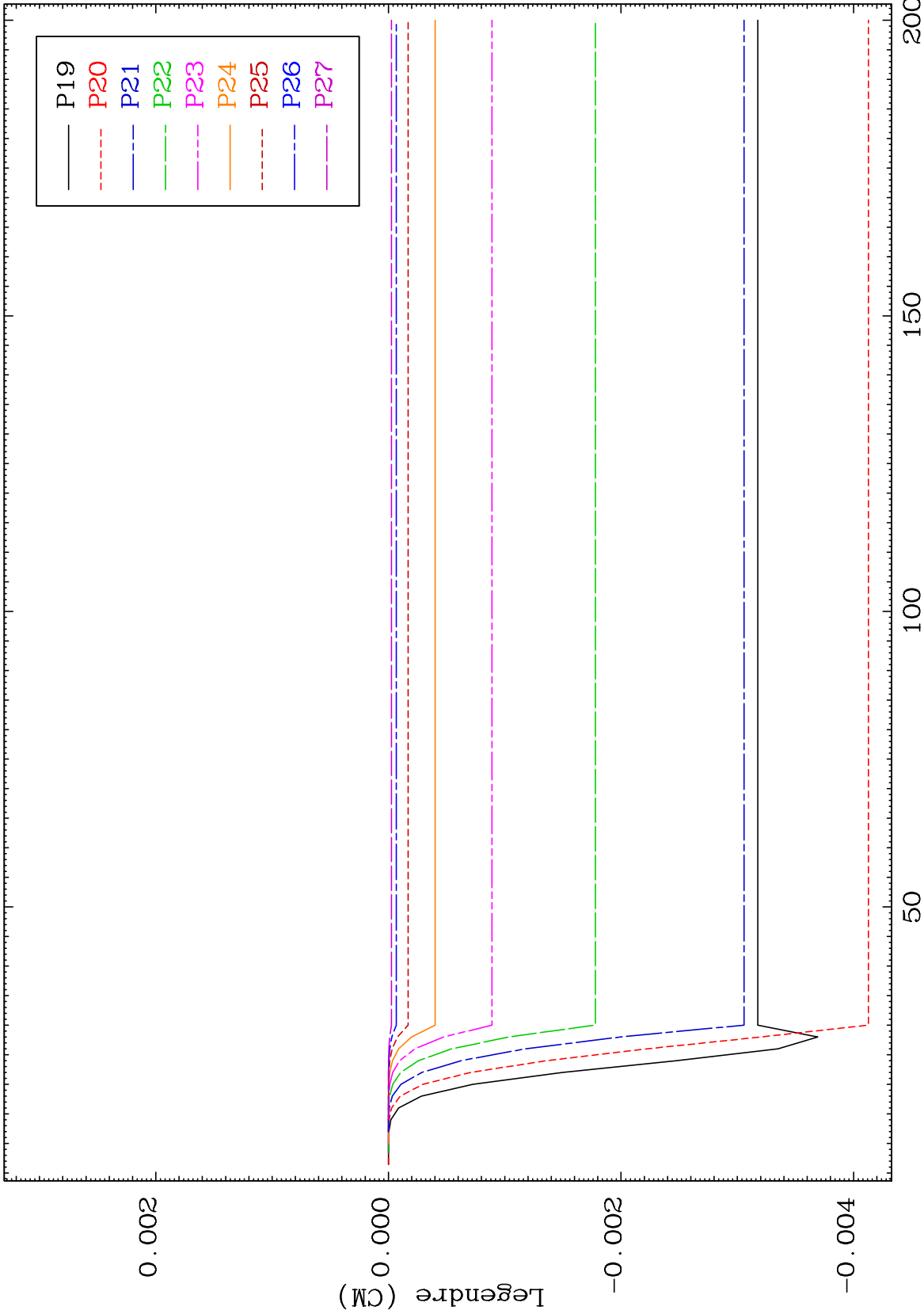
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



90

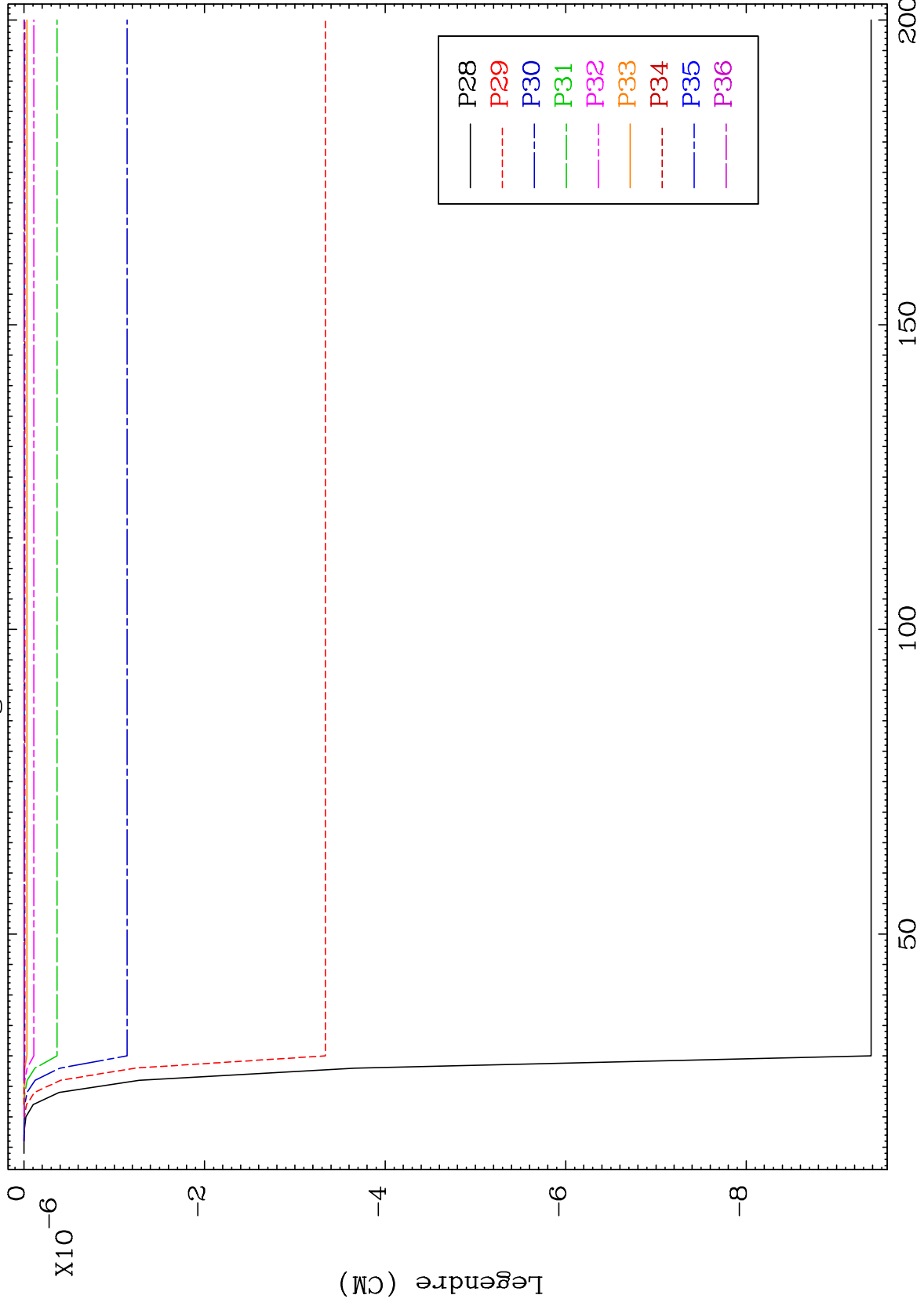
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



73-Ta-159

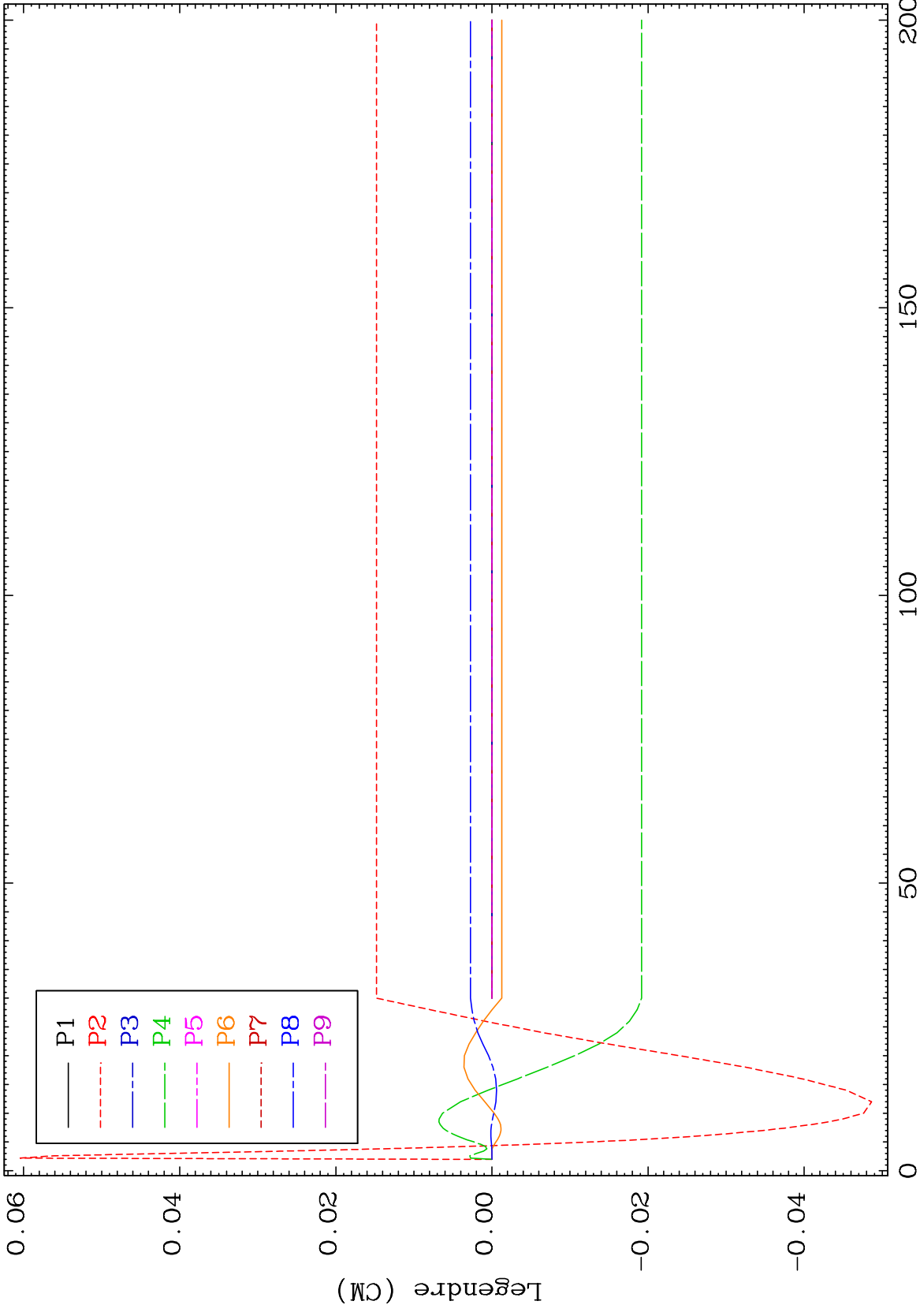
Incident Energy (MeV)

91

MAT 7262

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

73-Ta-159



92

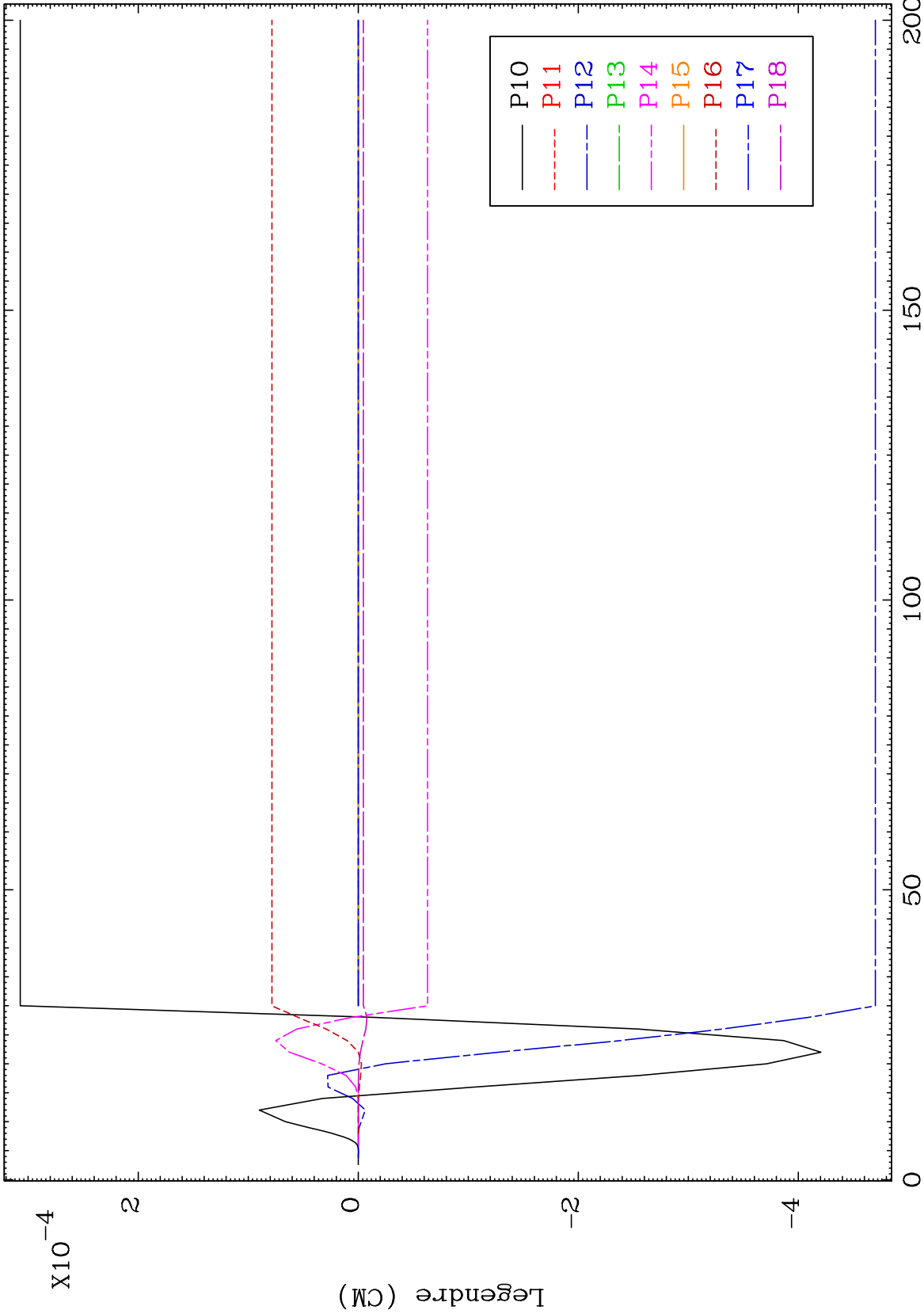
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



93

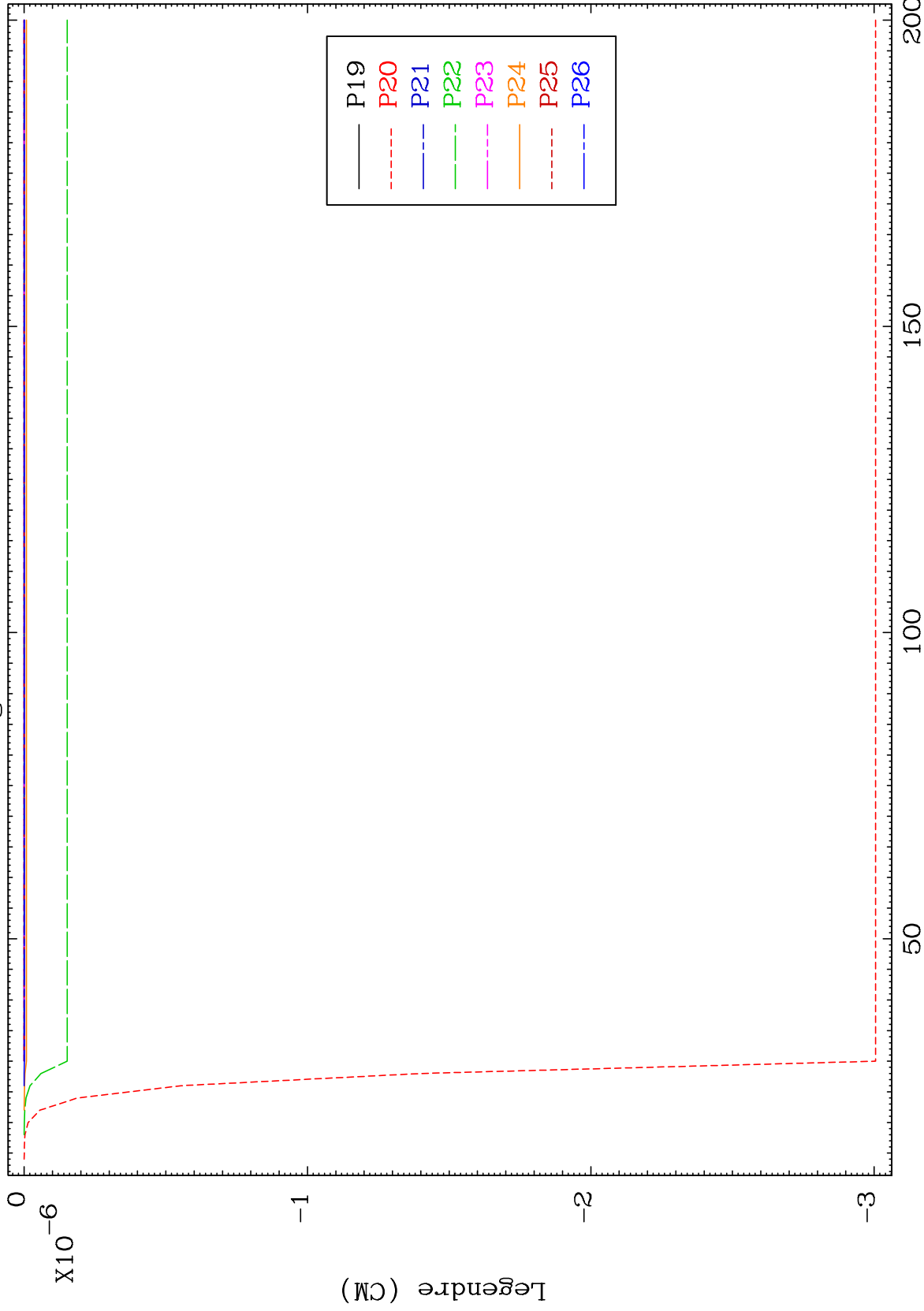
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



94

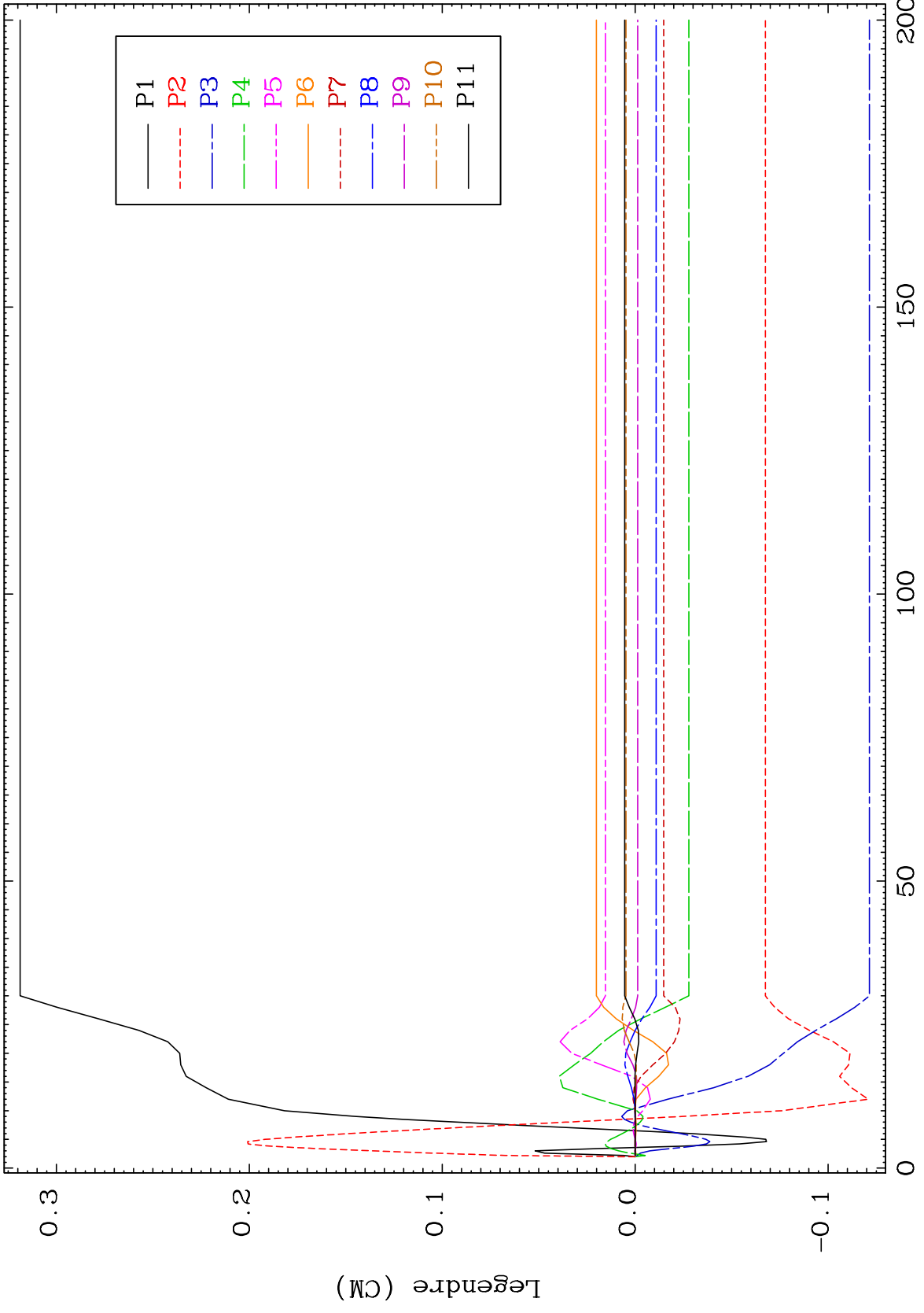
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



95

Incident Energy (MeV)

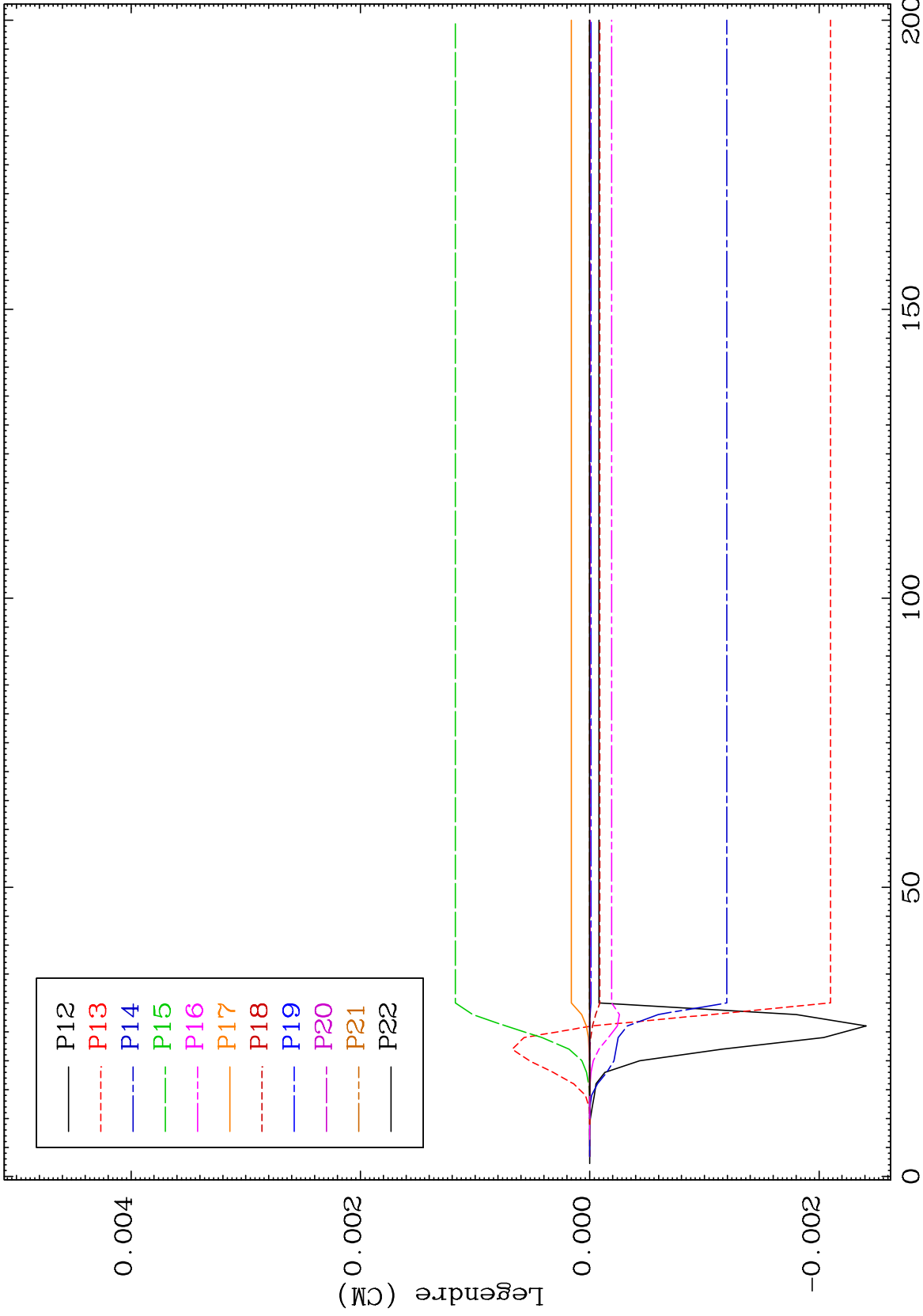
73-Ta-159



MAT 7262

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

73-Ta-159



96

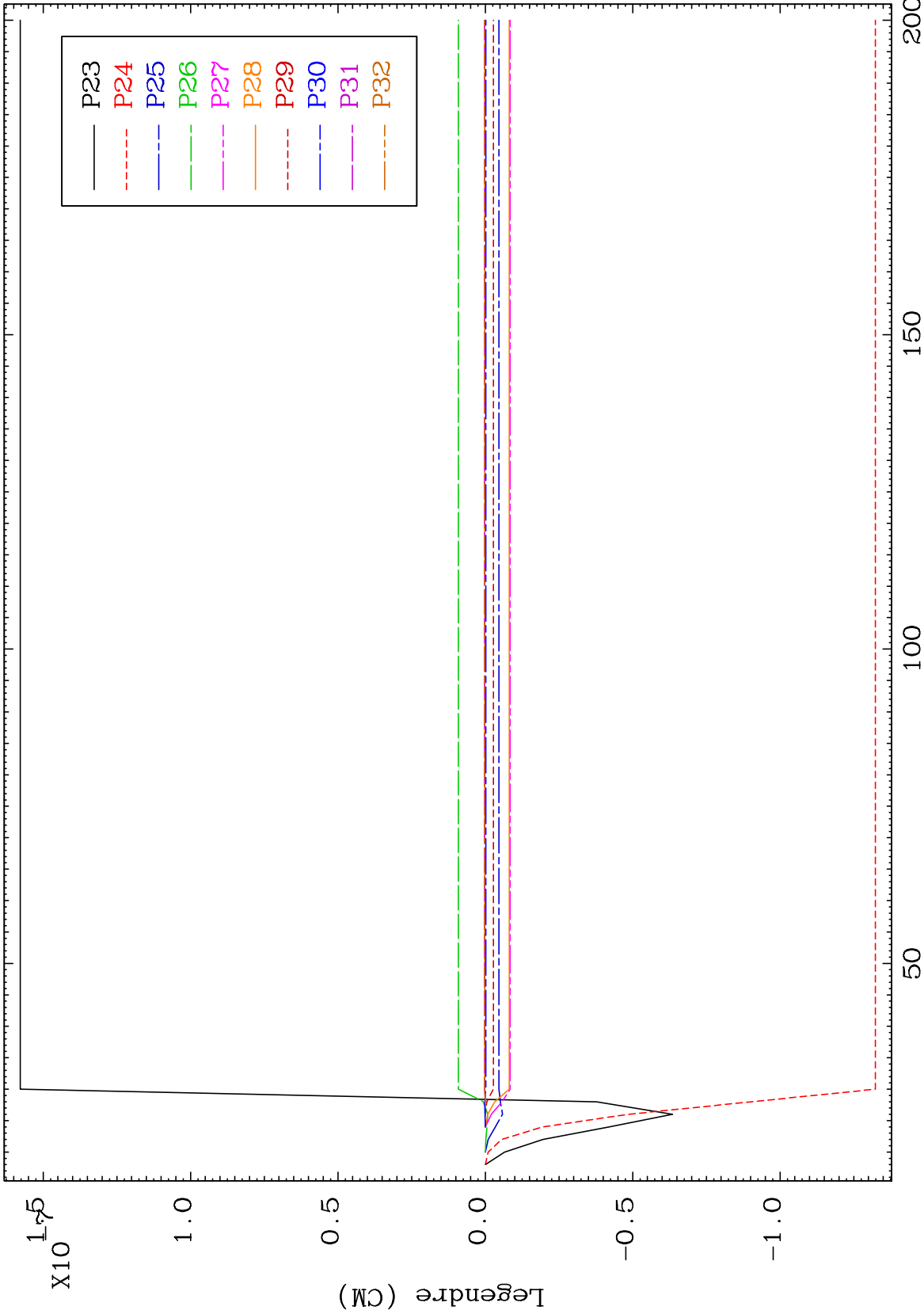
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



97

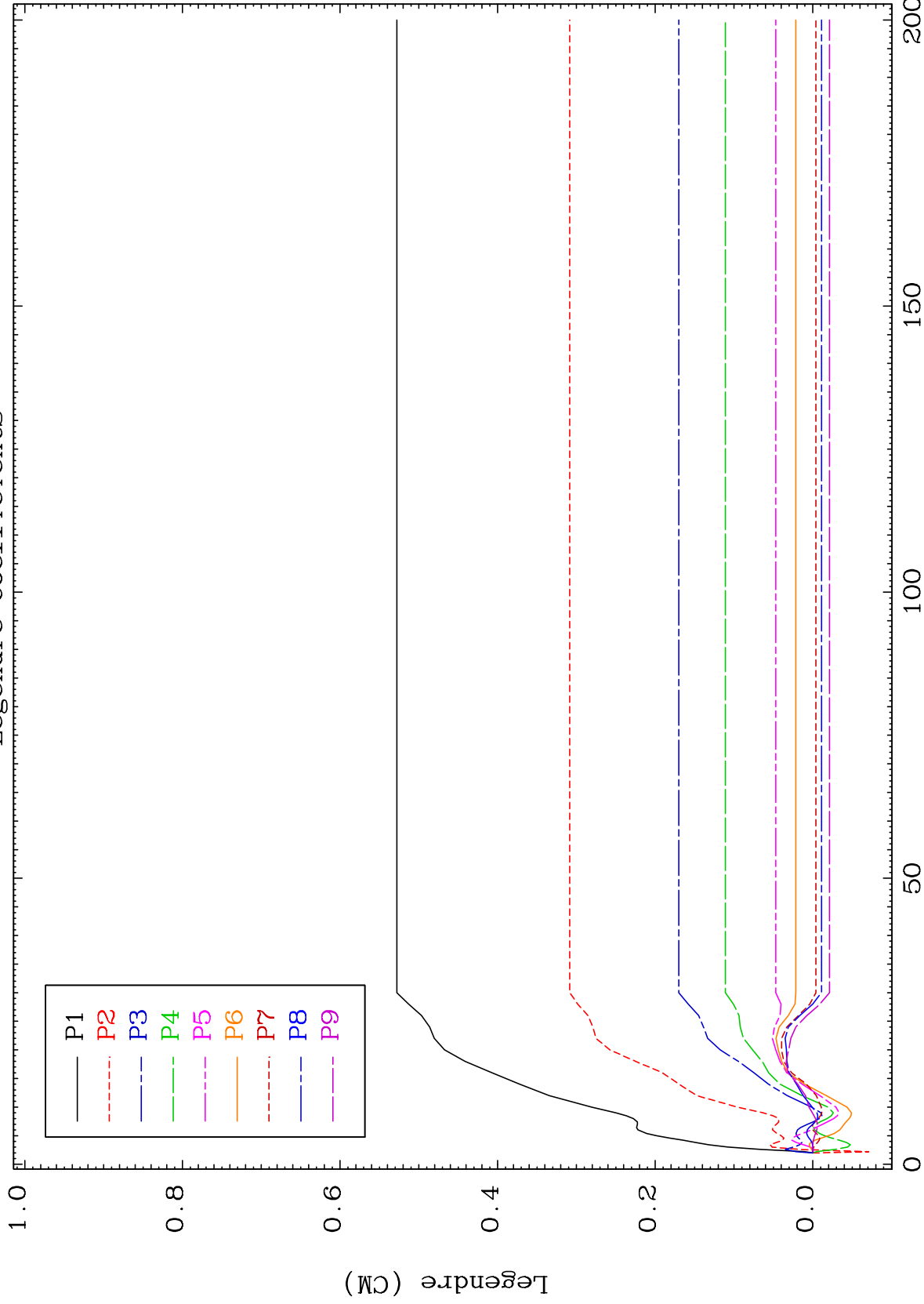
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



98

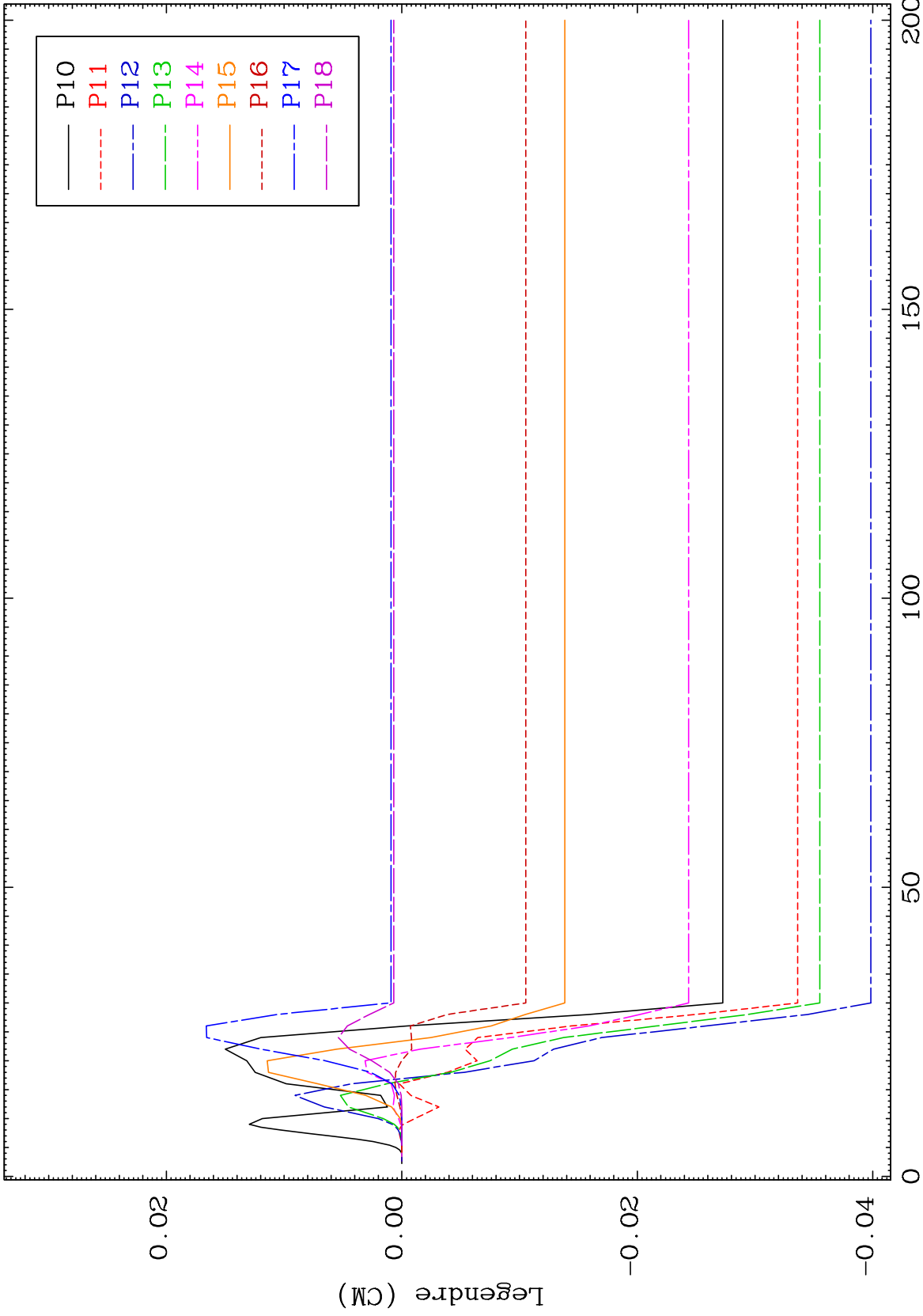
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



99

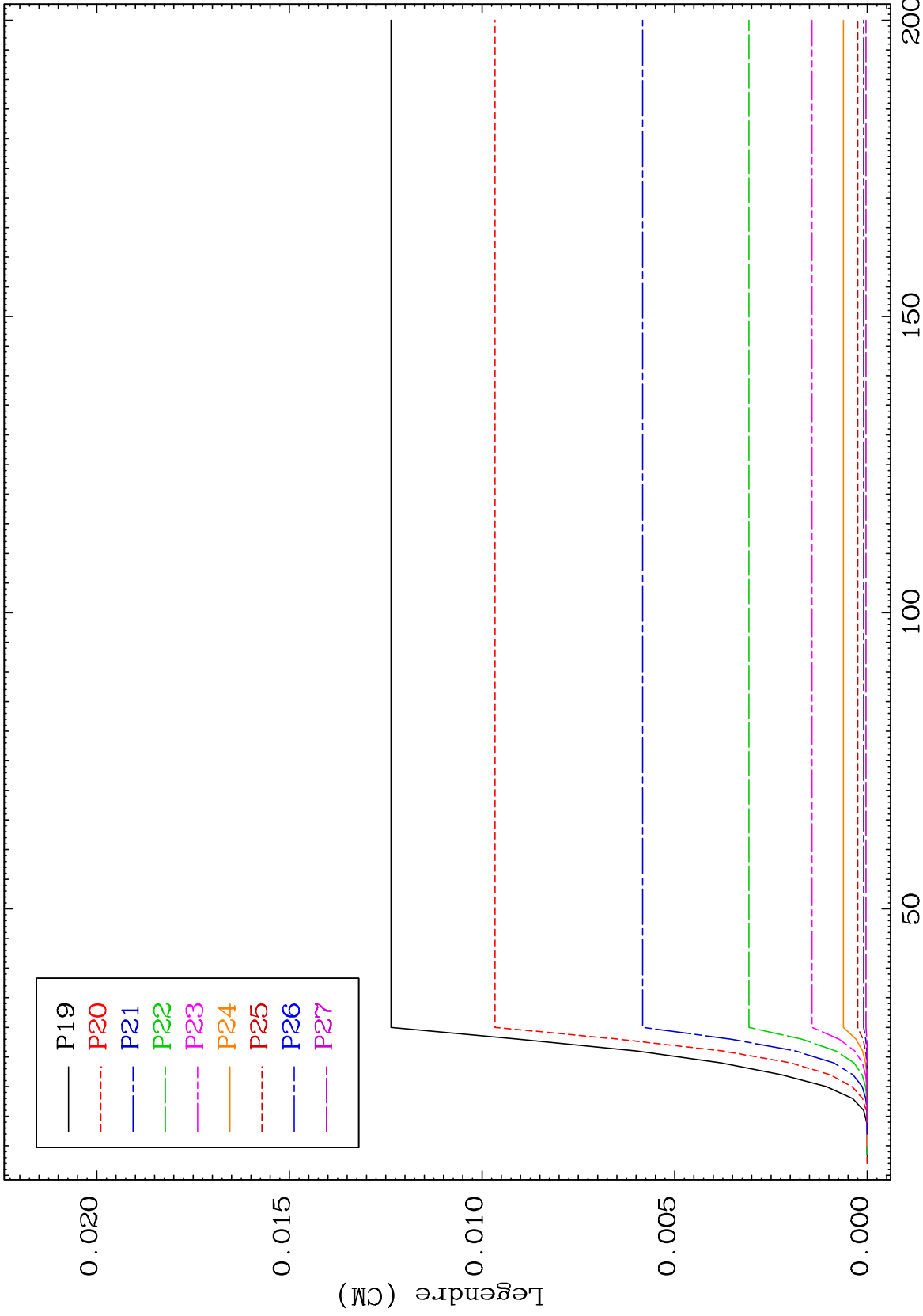
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



100

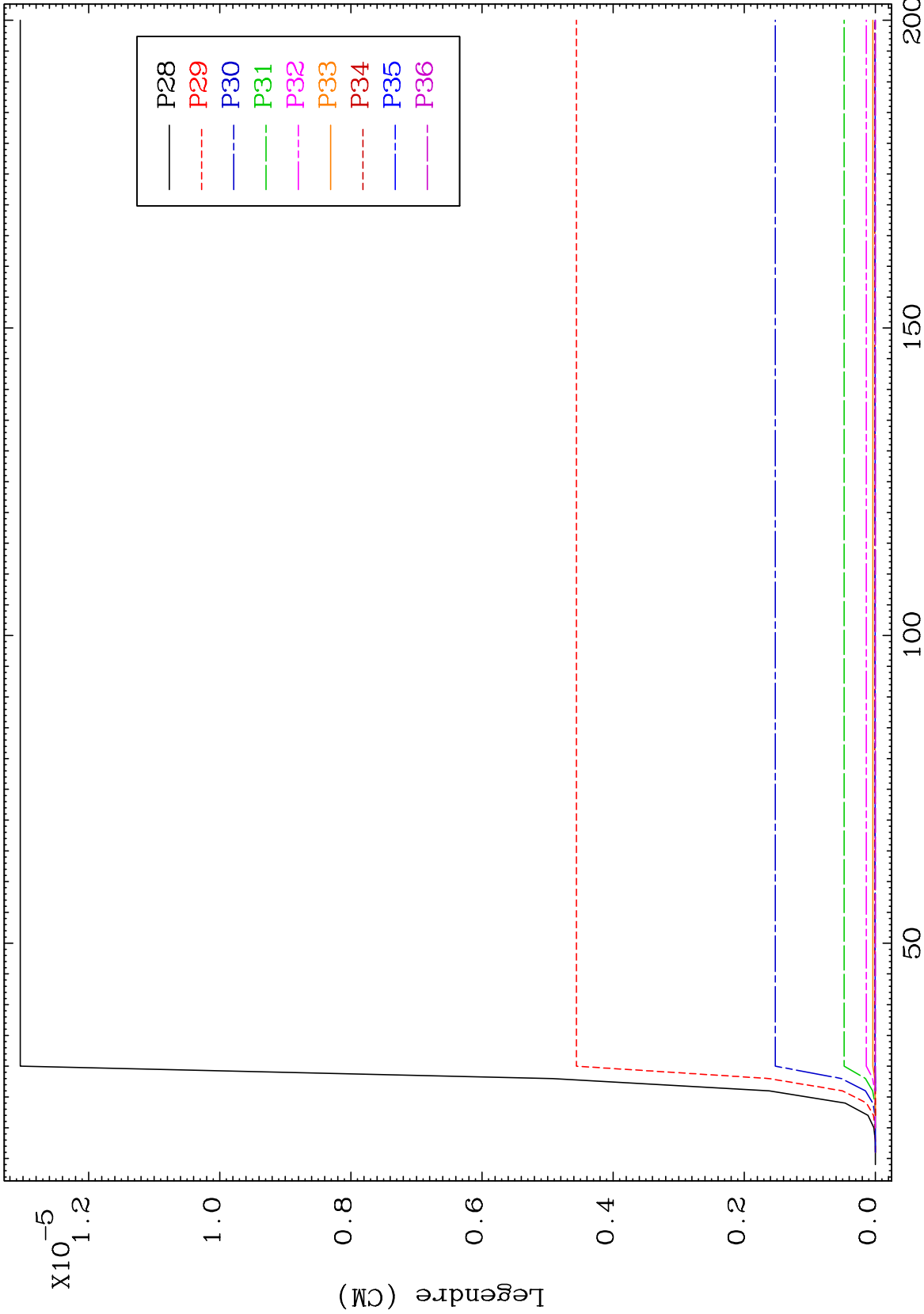
Incident Energy (MeV)

73-Ta-159

MAT 7262

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

73-Ta-159



101

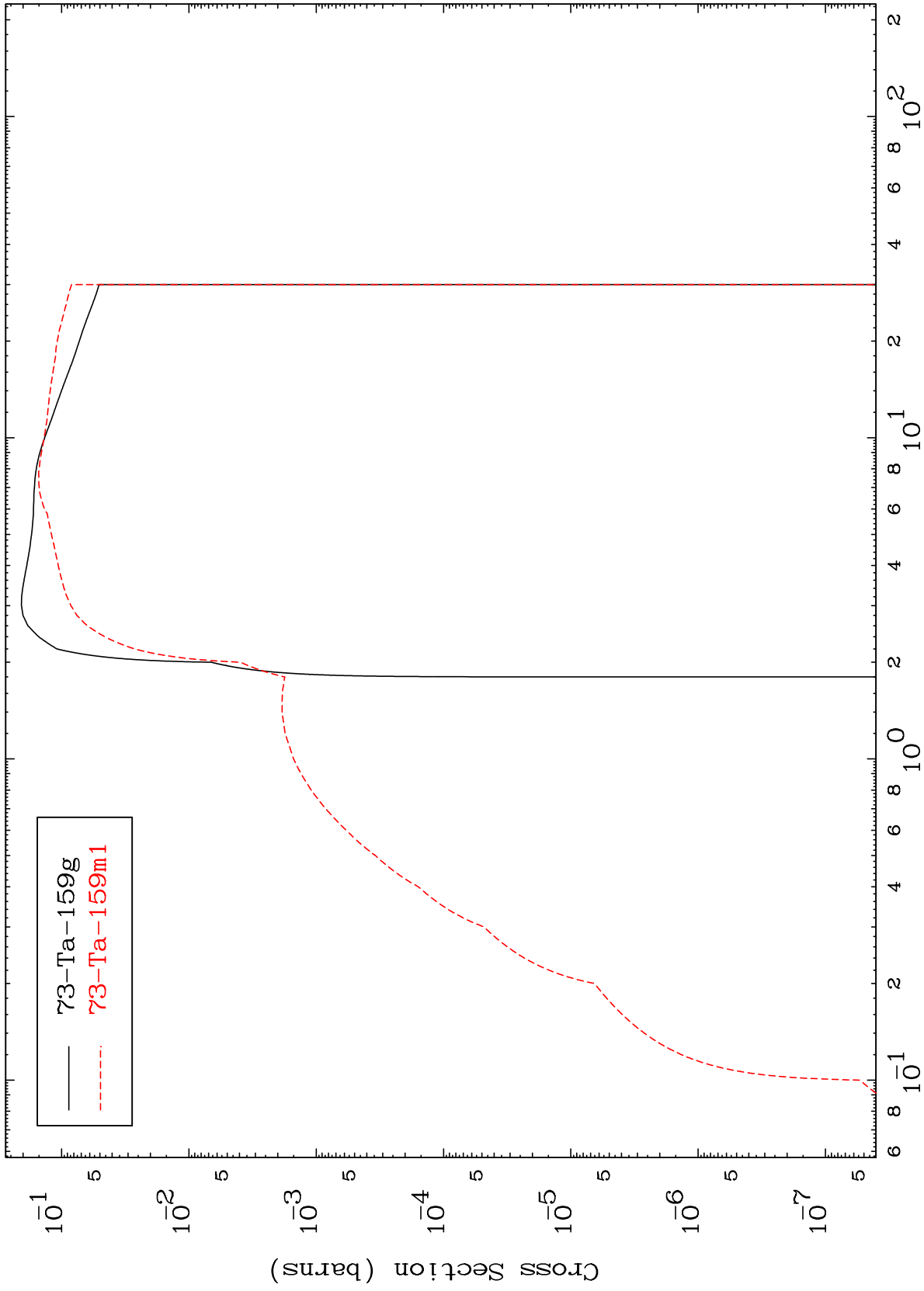
Incident Energy (MeV)

73-Ta-159

MAT 7262

Radionuclide Production Cross Section

<sup>73</sup>Ta-159



— <sup>73</sup>Ta-159g  
- - - <sup>73</sup>Ta-159m1

102

Incident Energy (MeV)

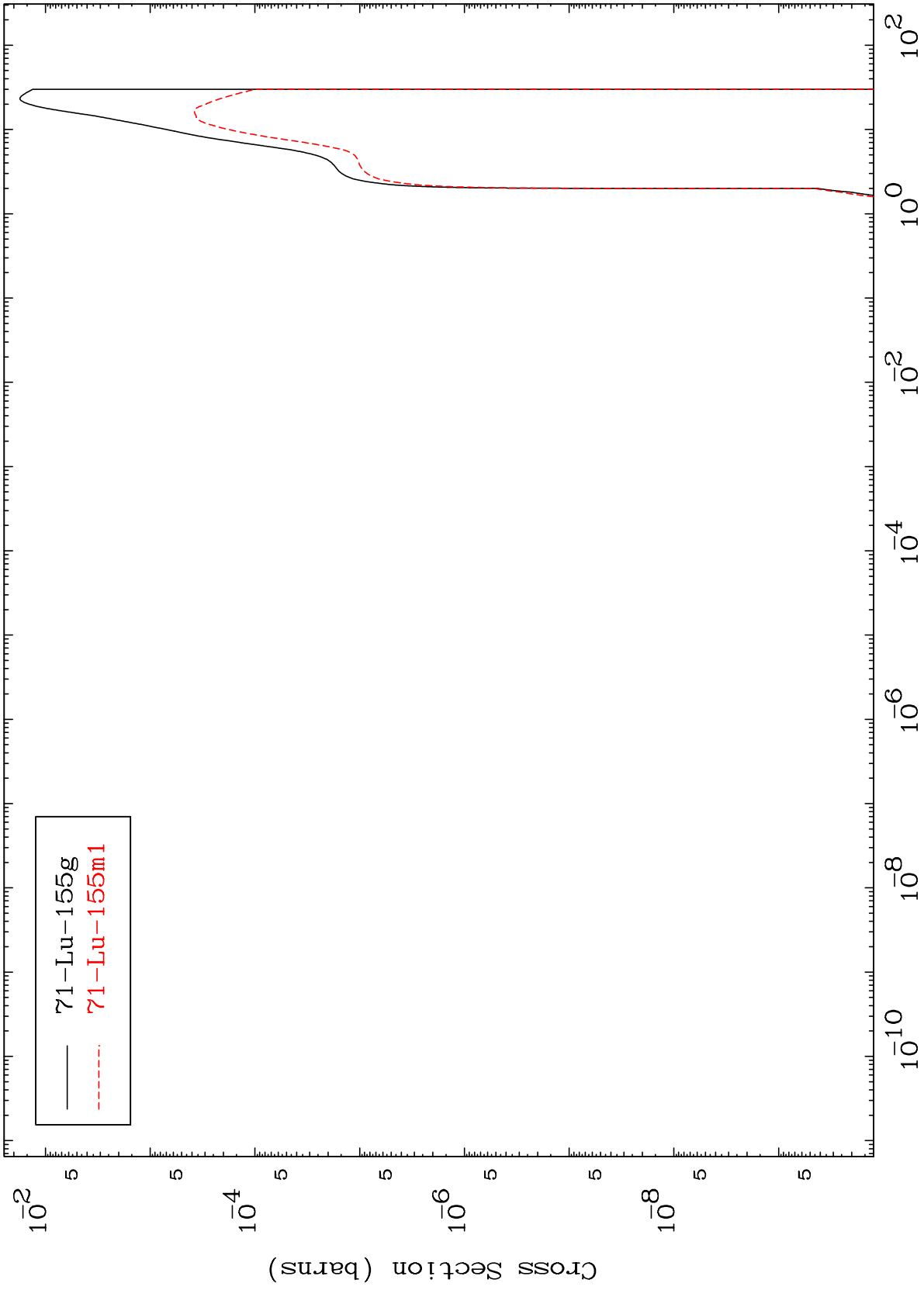
<sup>73</sup>Ta-159

MAT 7262

(n,n')  $\alpha$

73-Ta-159

Radionuclide Production Cross Section



103

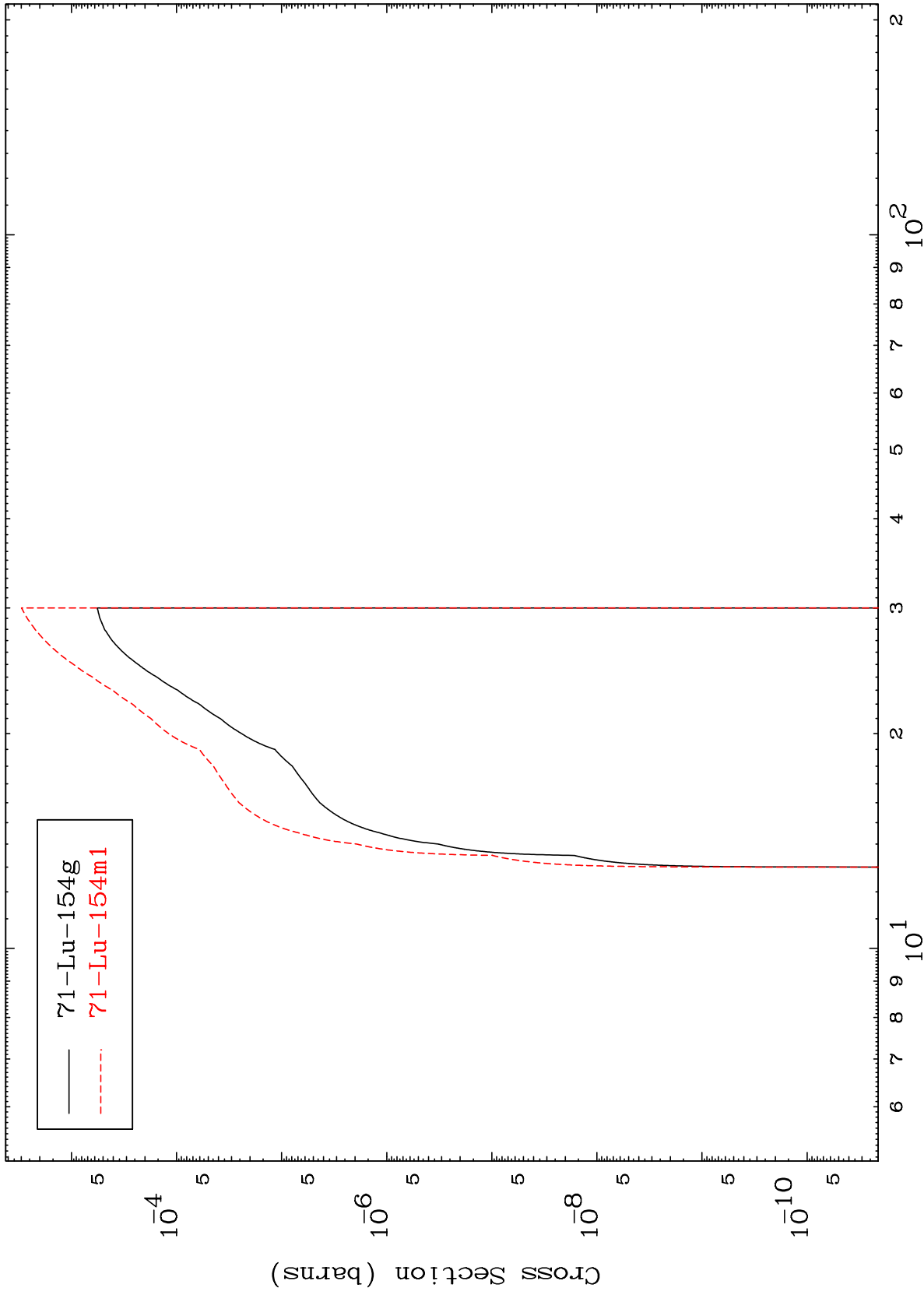


MAT 7262

$(n, 2n) \alpha$

$^{73}\text{Ta-159}$

Radionuclide Production Cross Section



104

Incident Energy (MeV)

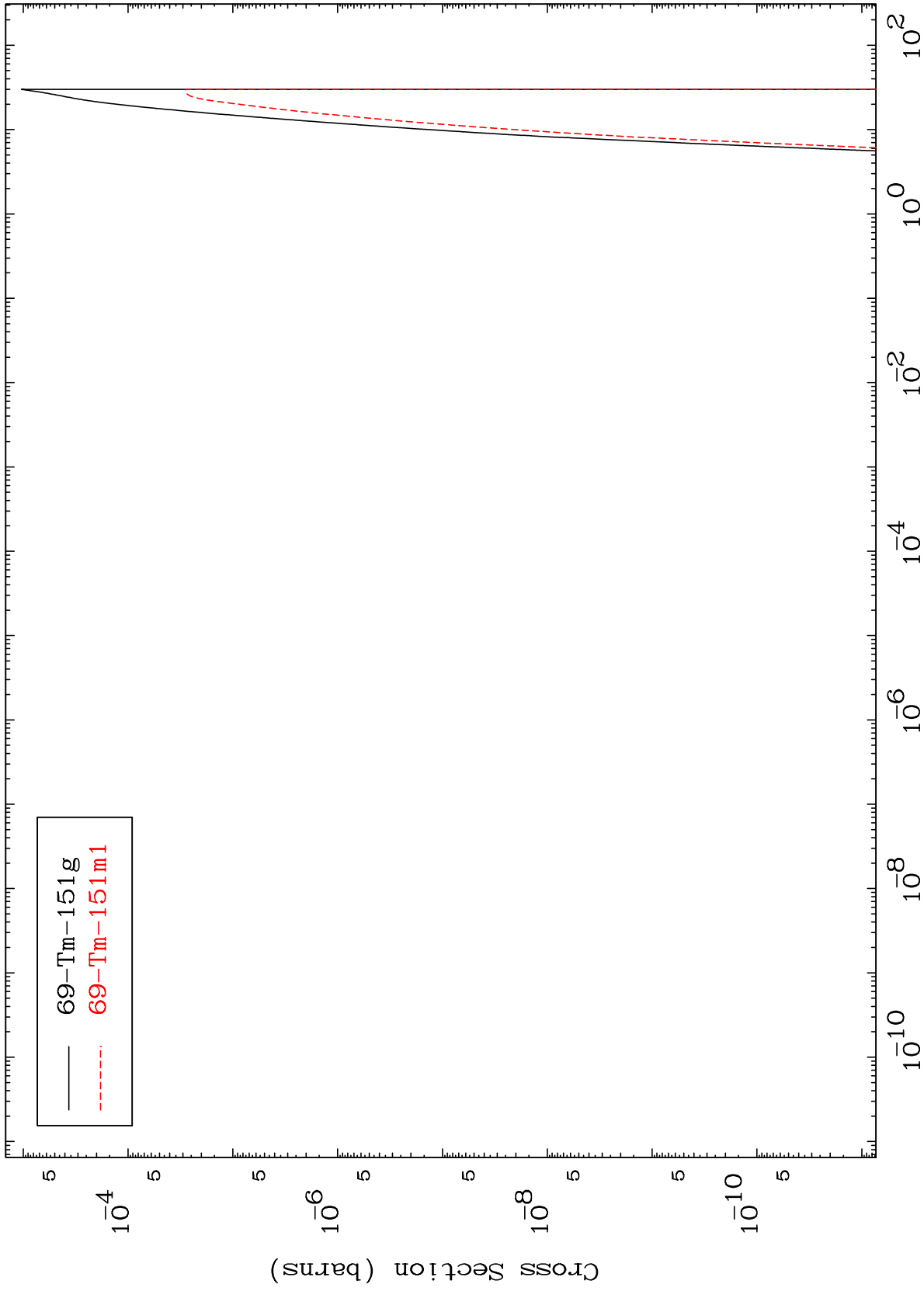
$^{73}\text{Ta-159}$

MAT 7262

(n,n') 2α

73-Ta-159

Radionuclide Production Cross Section



105

Incident Energy (MeV)

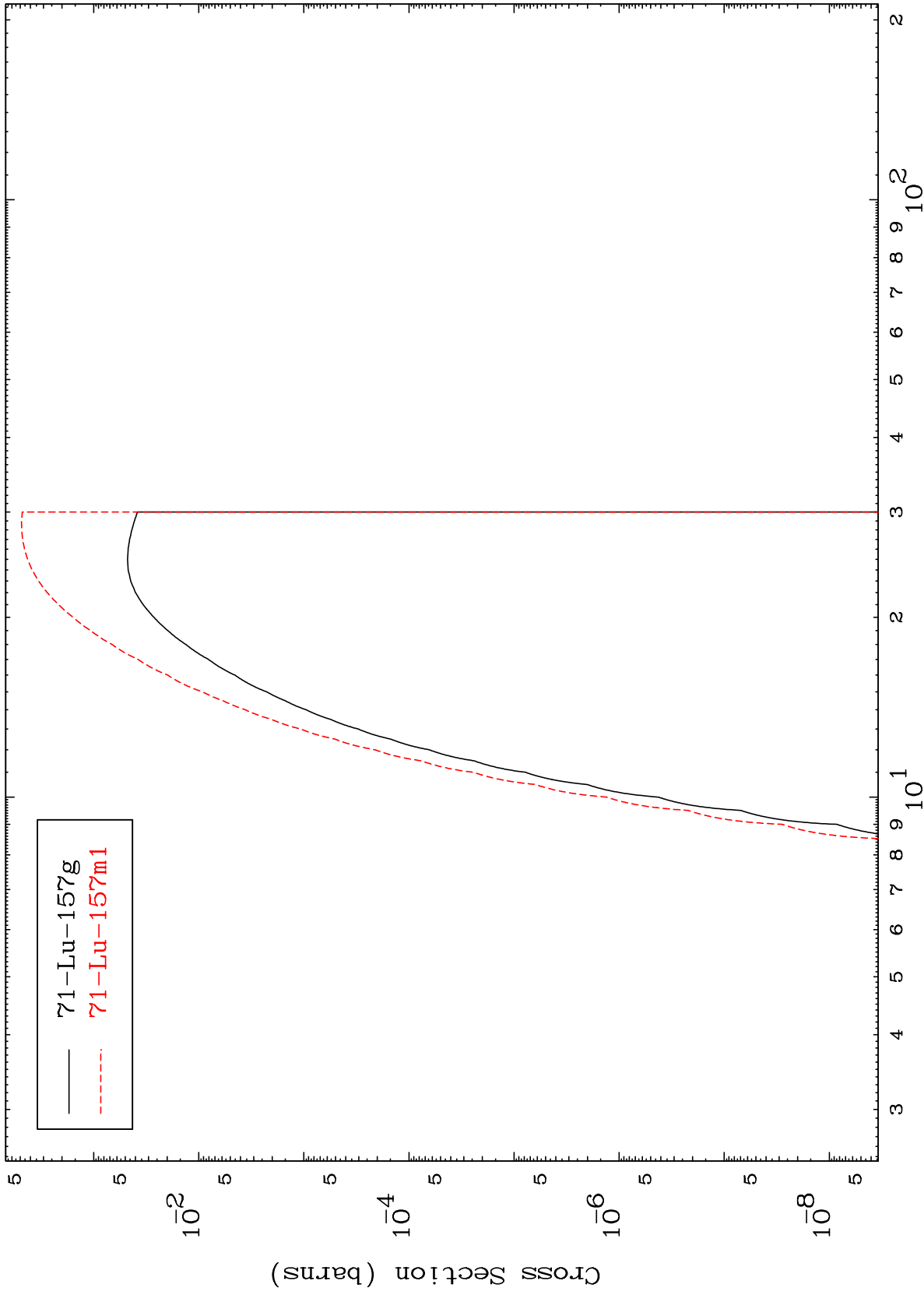
73-Ta-159

MAT 7262

(n,2n) p

73-Ta-159

Radionuclide Production Cross Section



106

Incident Energy (MeV)

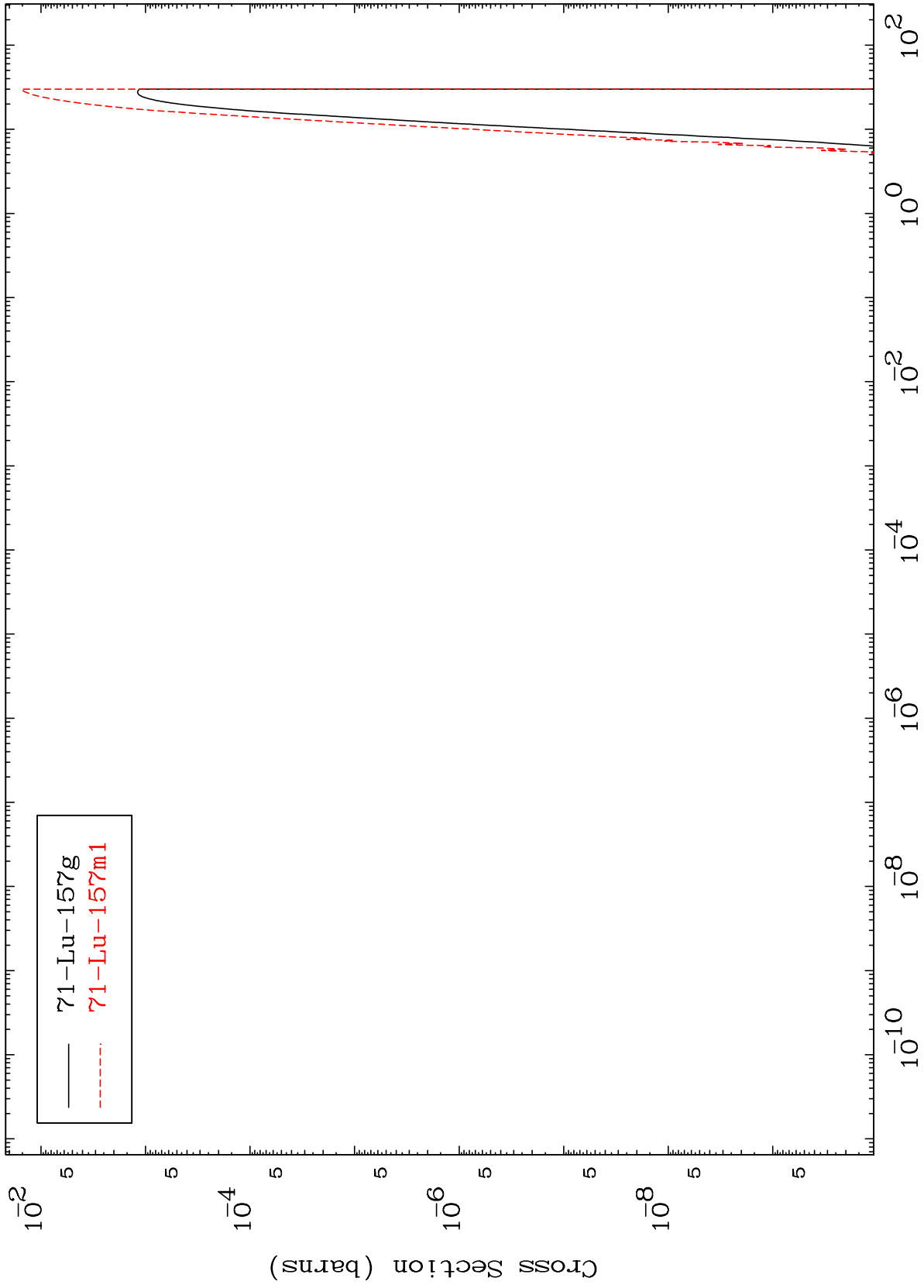
73-Ta-159

MAT 7262

(n,He-3)

73-Ta-159

Radionuclide Production Cross Section



107

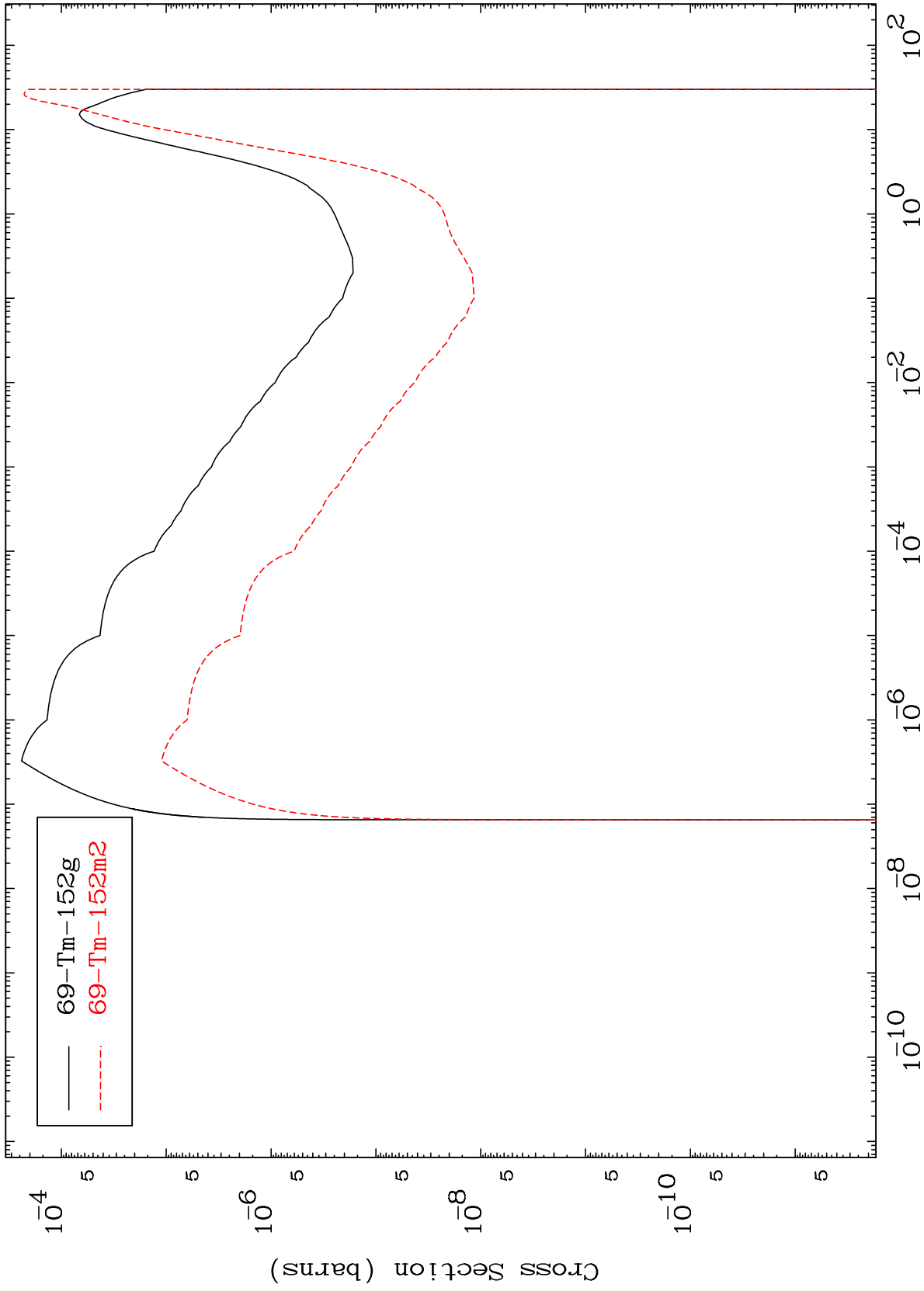
Incident Energy (MeV)

73-Ta-159

MAT 7262

73-Ta-159

(n,2α)  
Radionuclide Production Cross Section



108

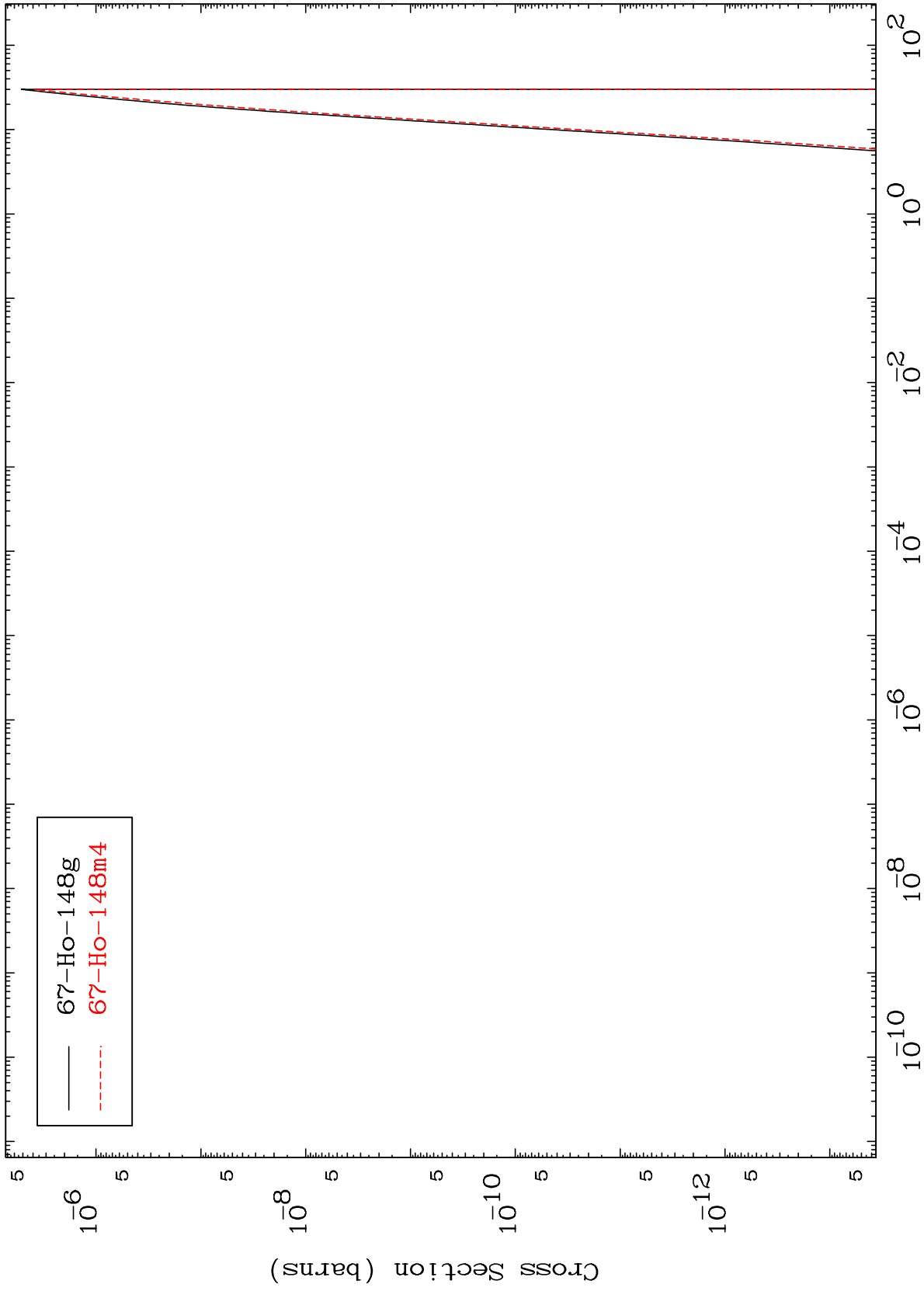
73-Ta-159

MAT 7262

(n,3α)

73-Ta-159

Radionuclide Production Cross Section



109

Incident Energy (MeV)

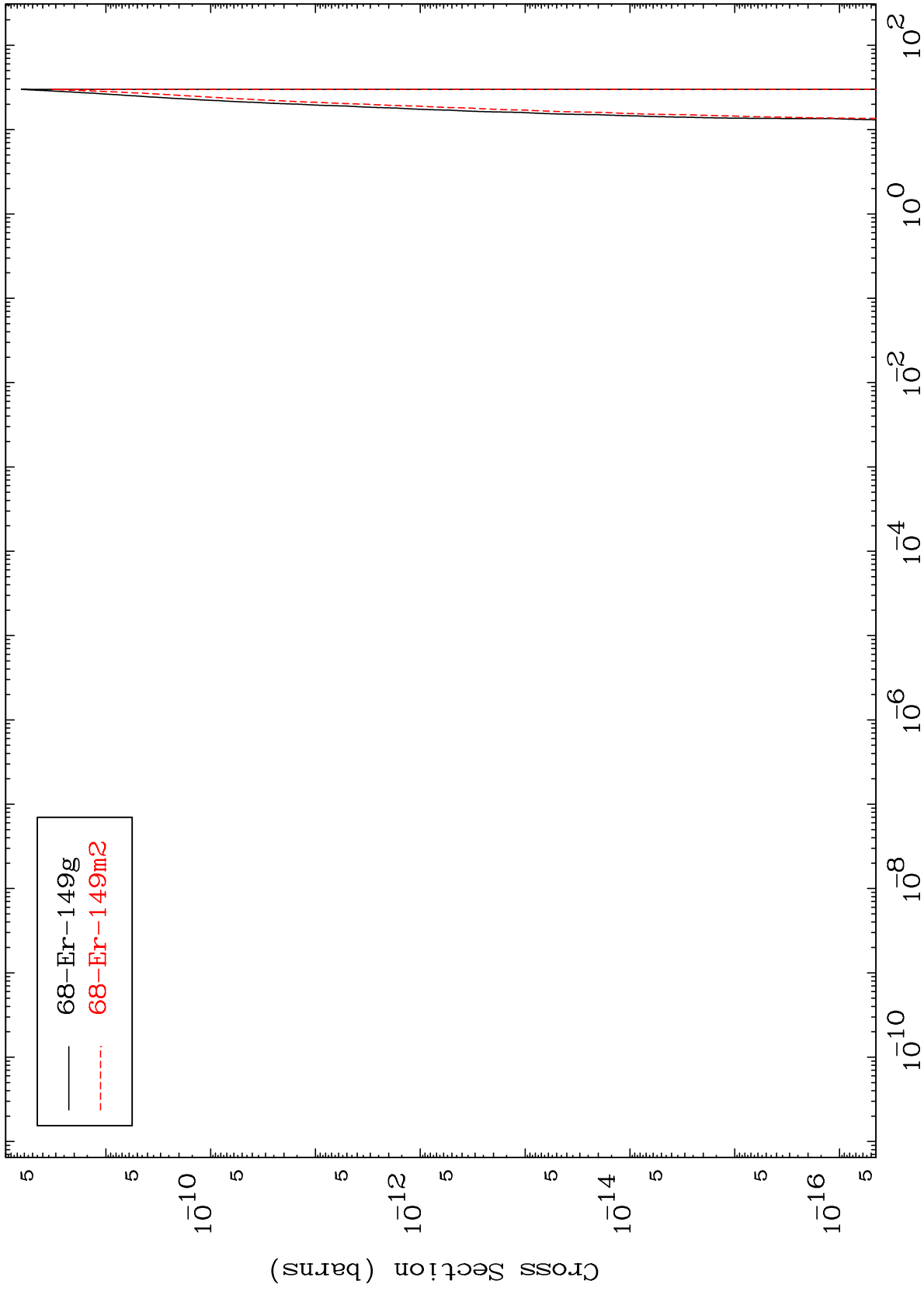
73-Ta-159

MAT 7262

(n, t)  $2\alpha$

$^{73}\text{Ta-159}$

Radionuclide Production Cross Section



110

Incident Energy (MeV)

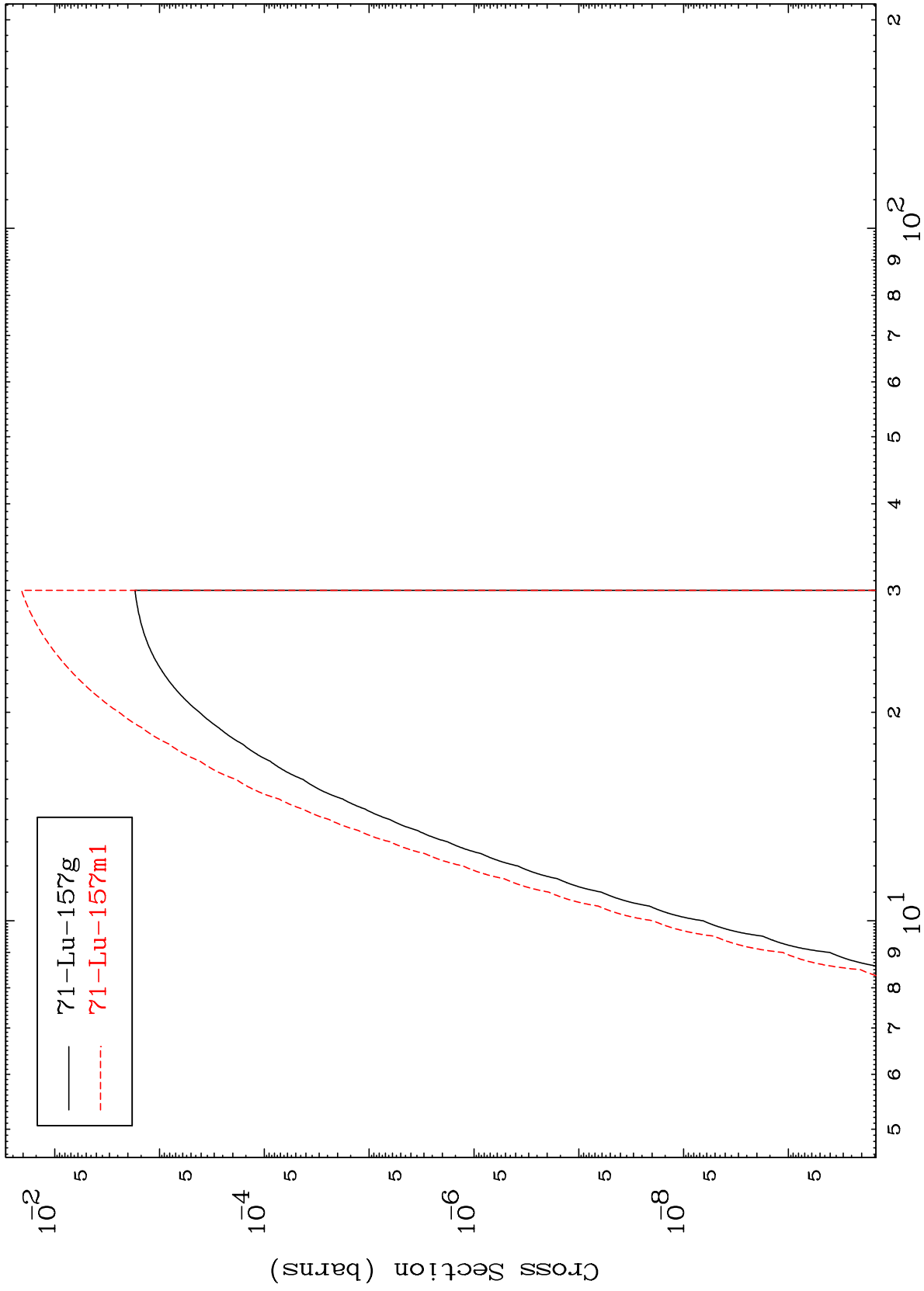
$^{73}\text{Ta-159}$

MAT 7262

(n,p) d

<sup>73</sup>Ta-159

Radionuclide Production Cross Section



111

Incident Energy (MeV)

<sup>73</sup>Ta-159