

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

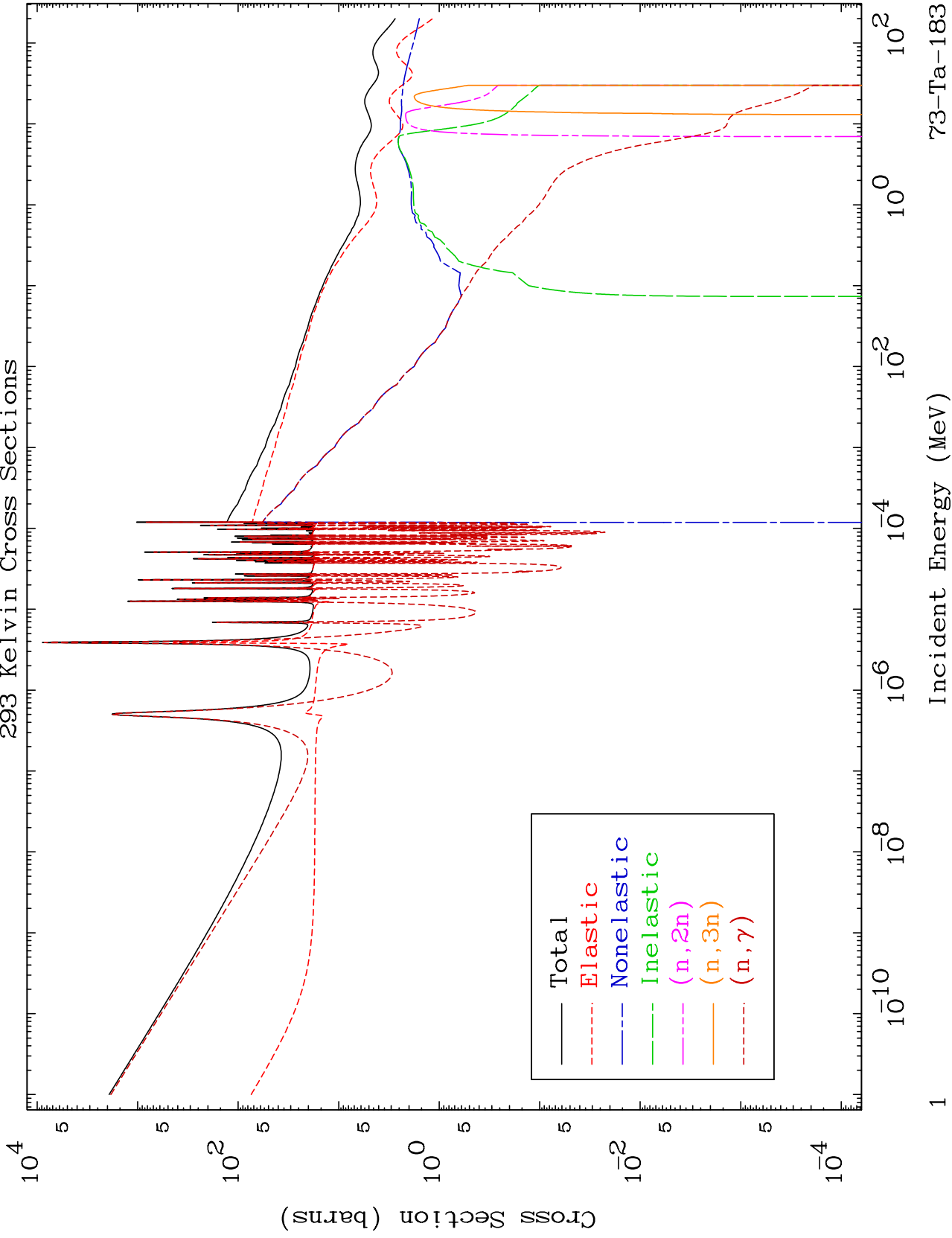
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7334

Neutron Major  
293 Kelvin Cross Sections

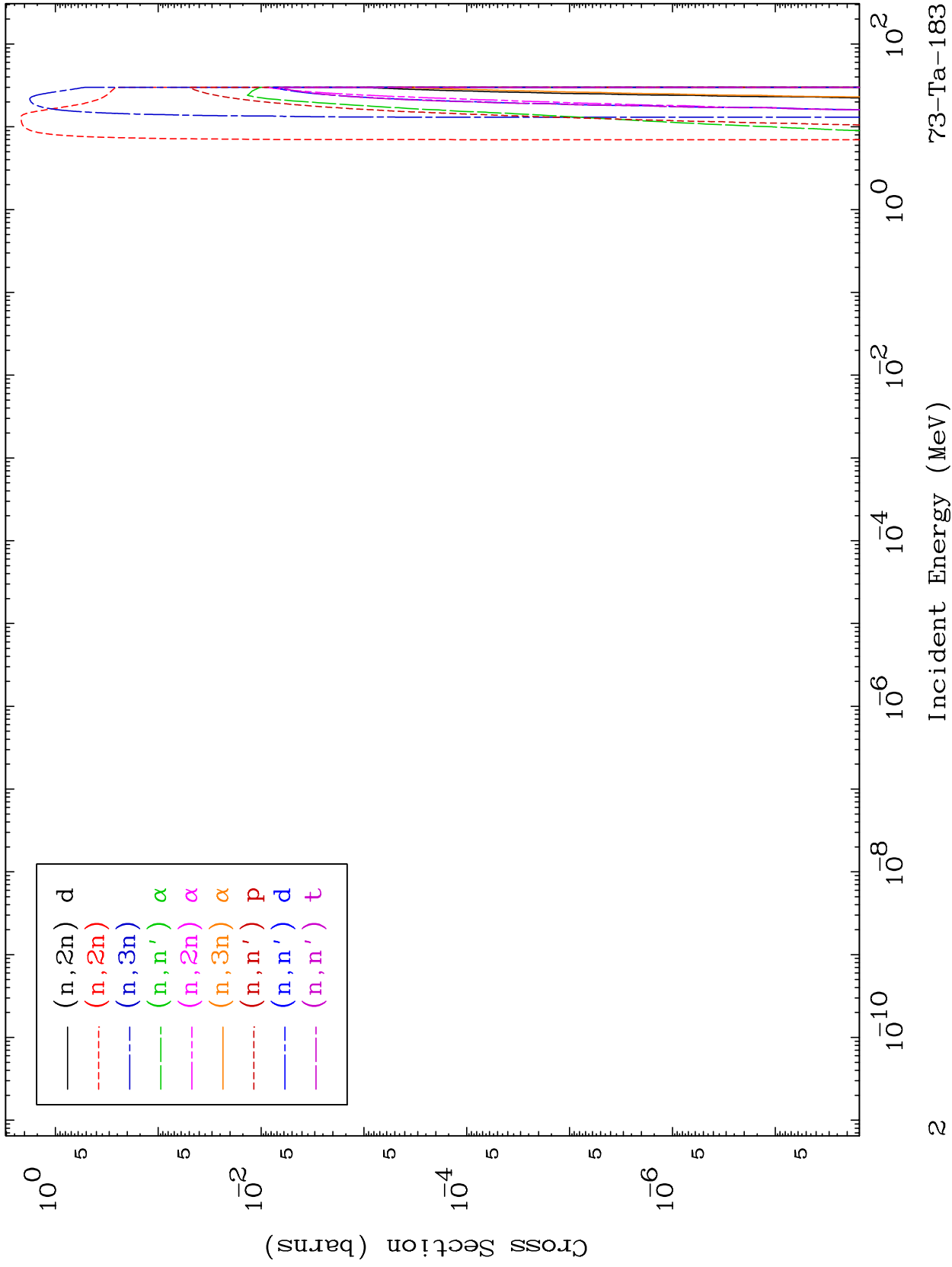
73-Ta-183

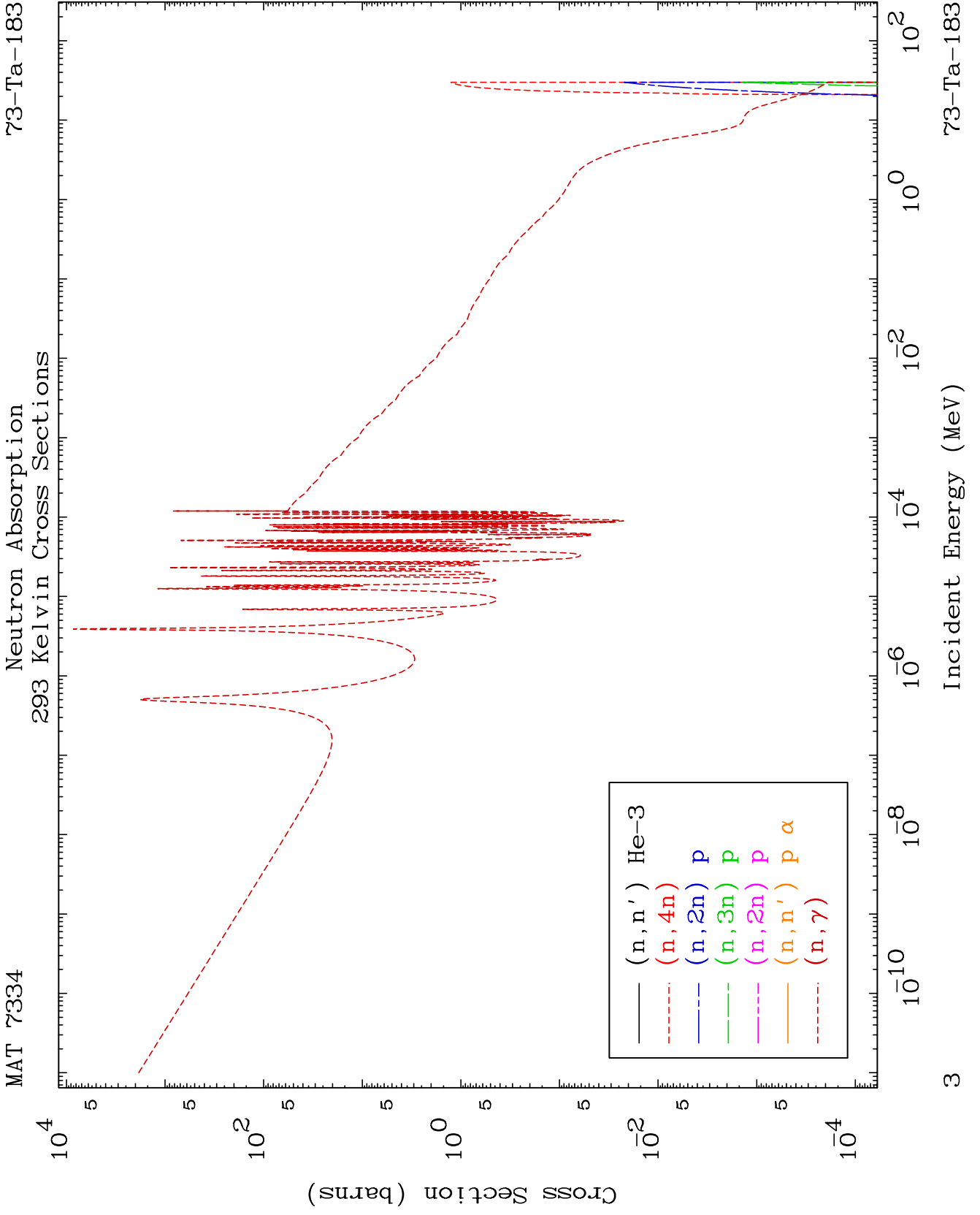


MAT 7334

Neutron Absorption  
293 Kelvin Cross Sections

73-Ta-183

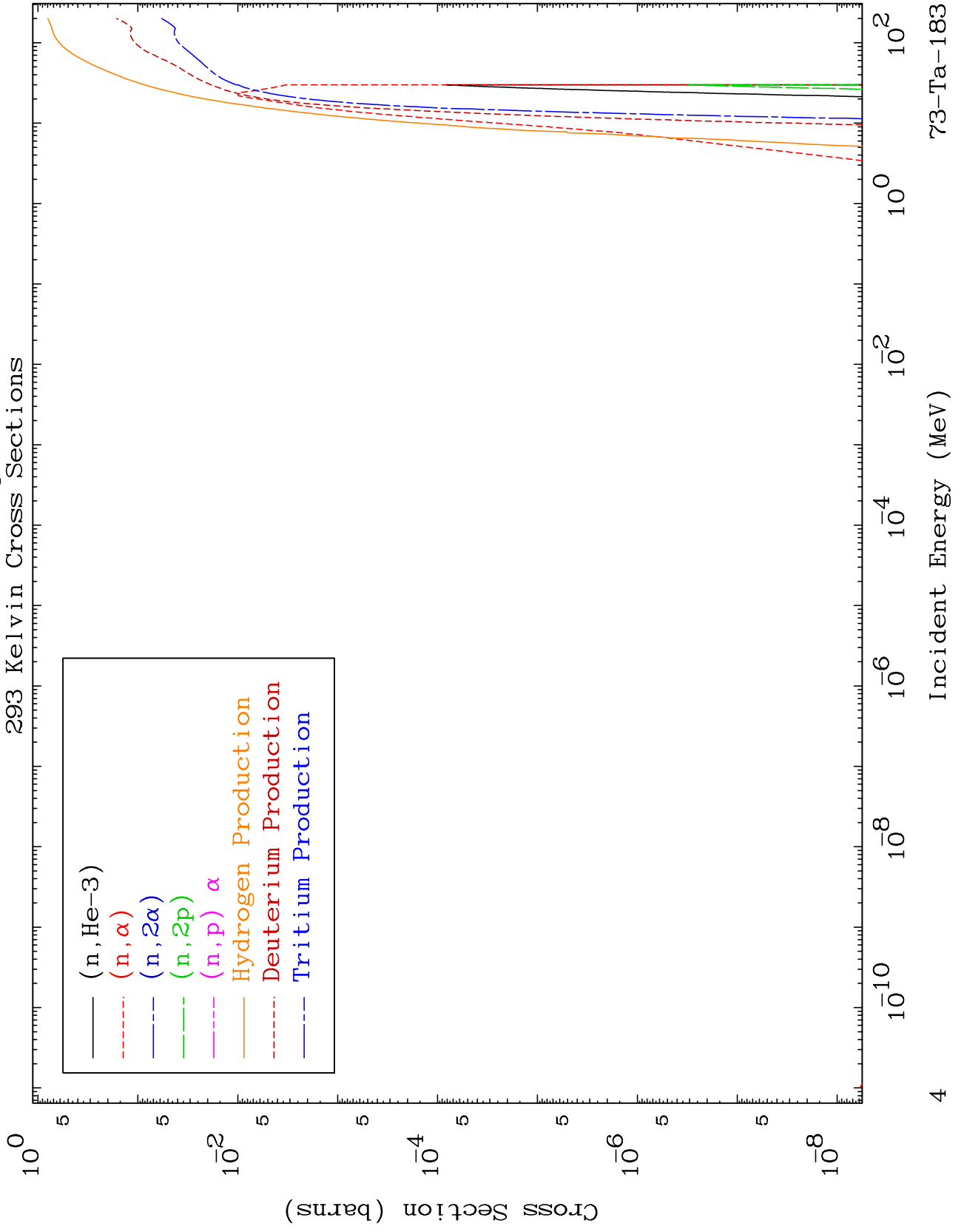




MAT 7334

Neutron Absorption  
293 Kelvin Cross Sections

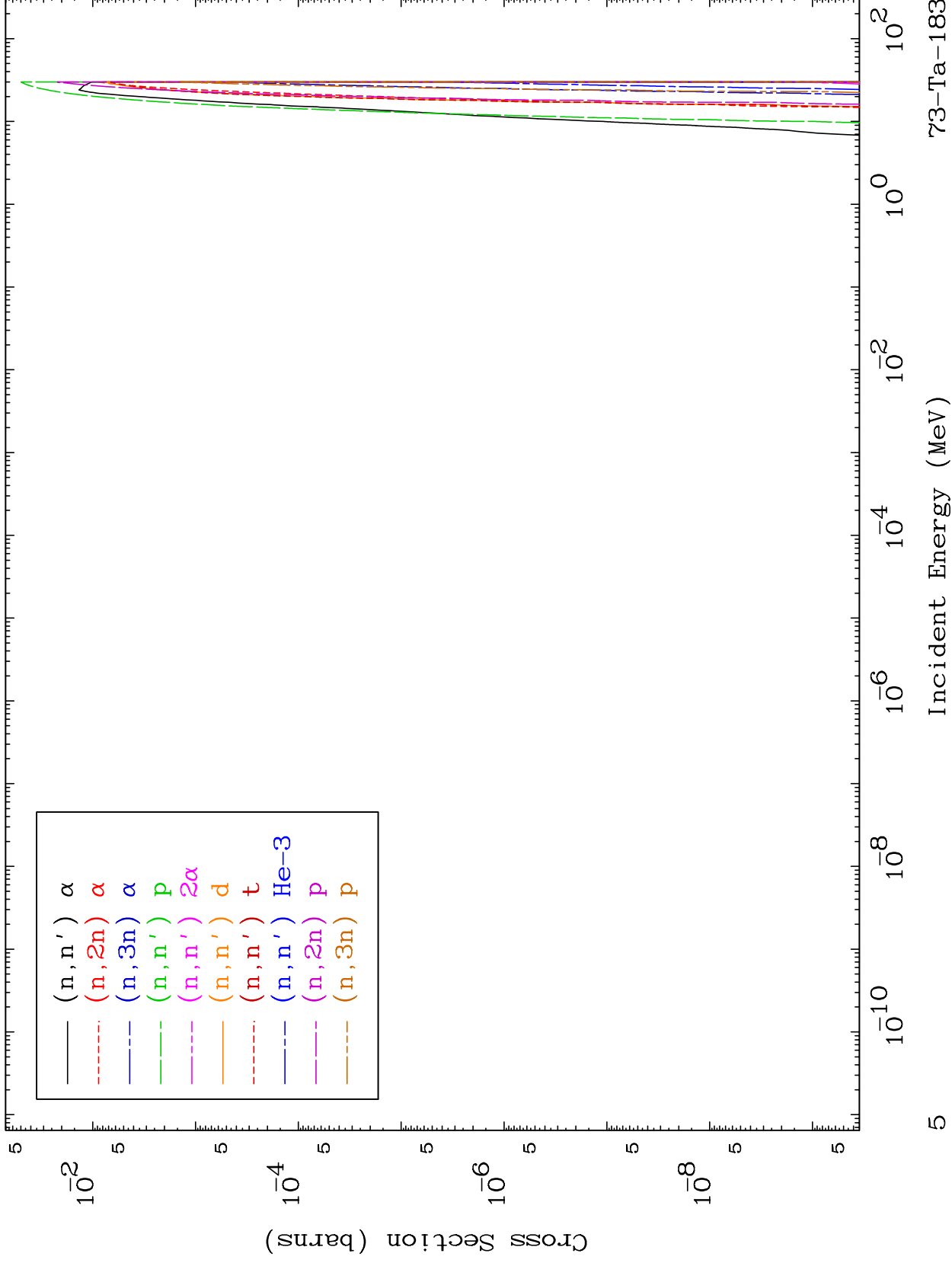
73-Ta-183



MAT 7334

Charged Particle  
293 Kelvin Cross Sections

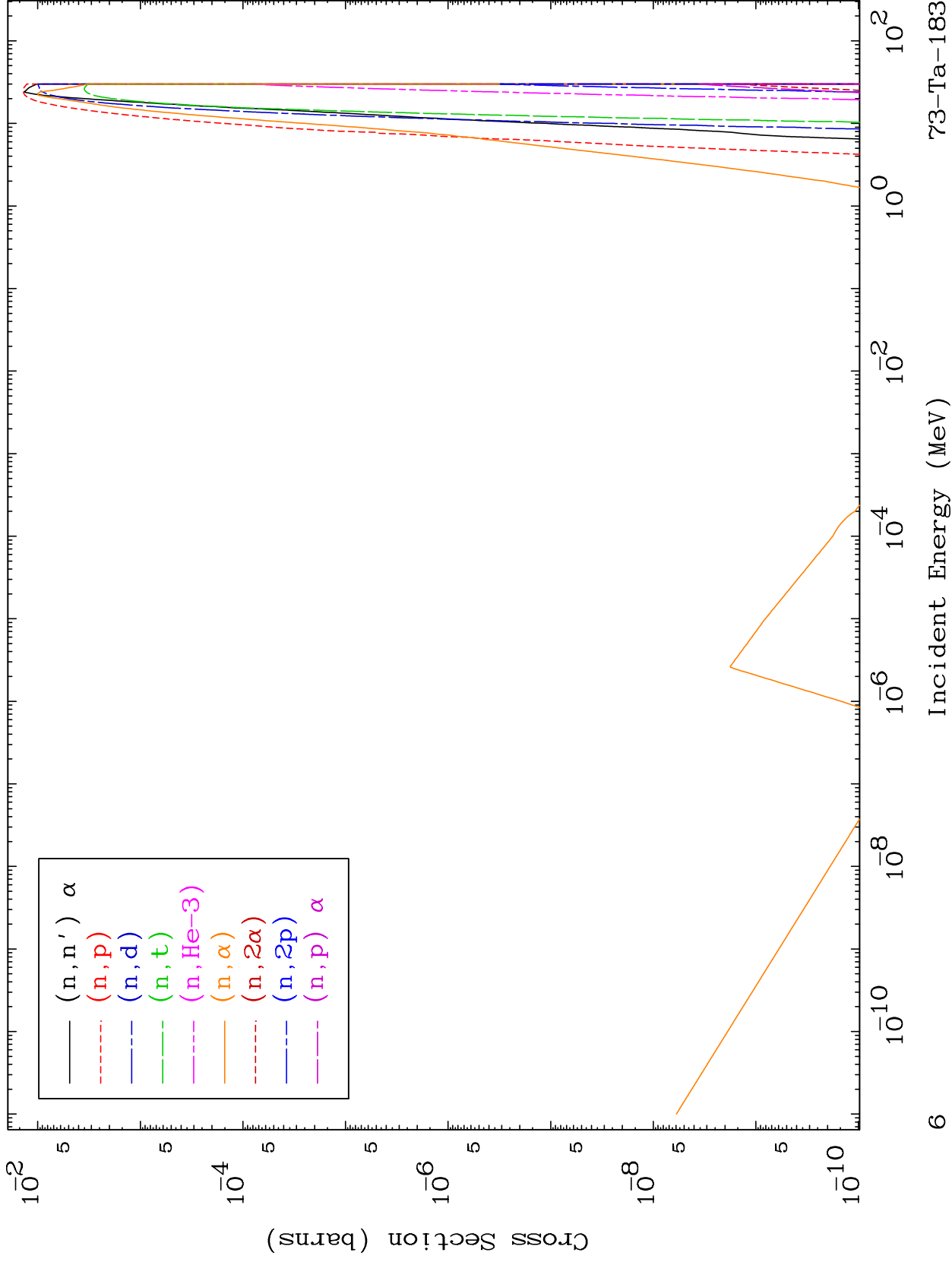
73-Ta-183



MAT 7334

Charged Particle  
293 Kelvin Cross Sections

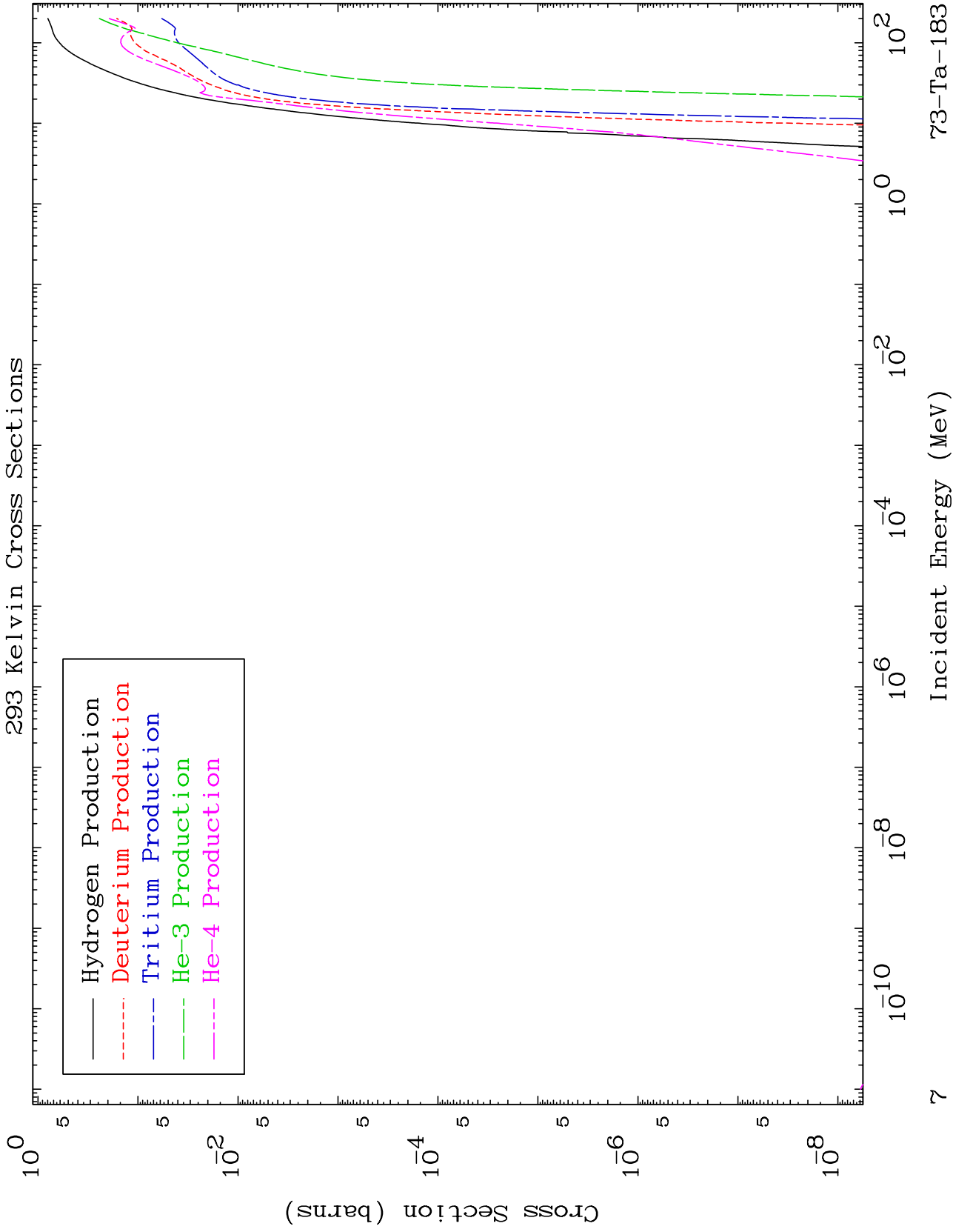
73-Ta-183



MAT 7334

Particle Production  
293 Kelvin Cross Sections

73-Ta-183

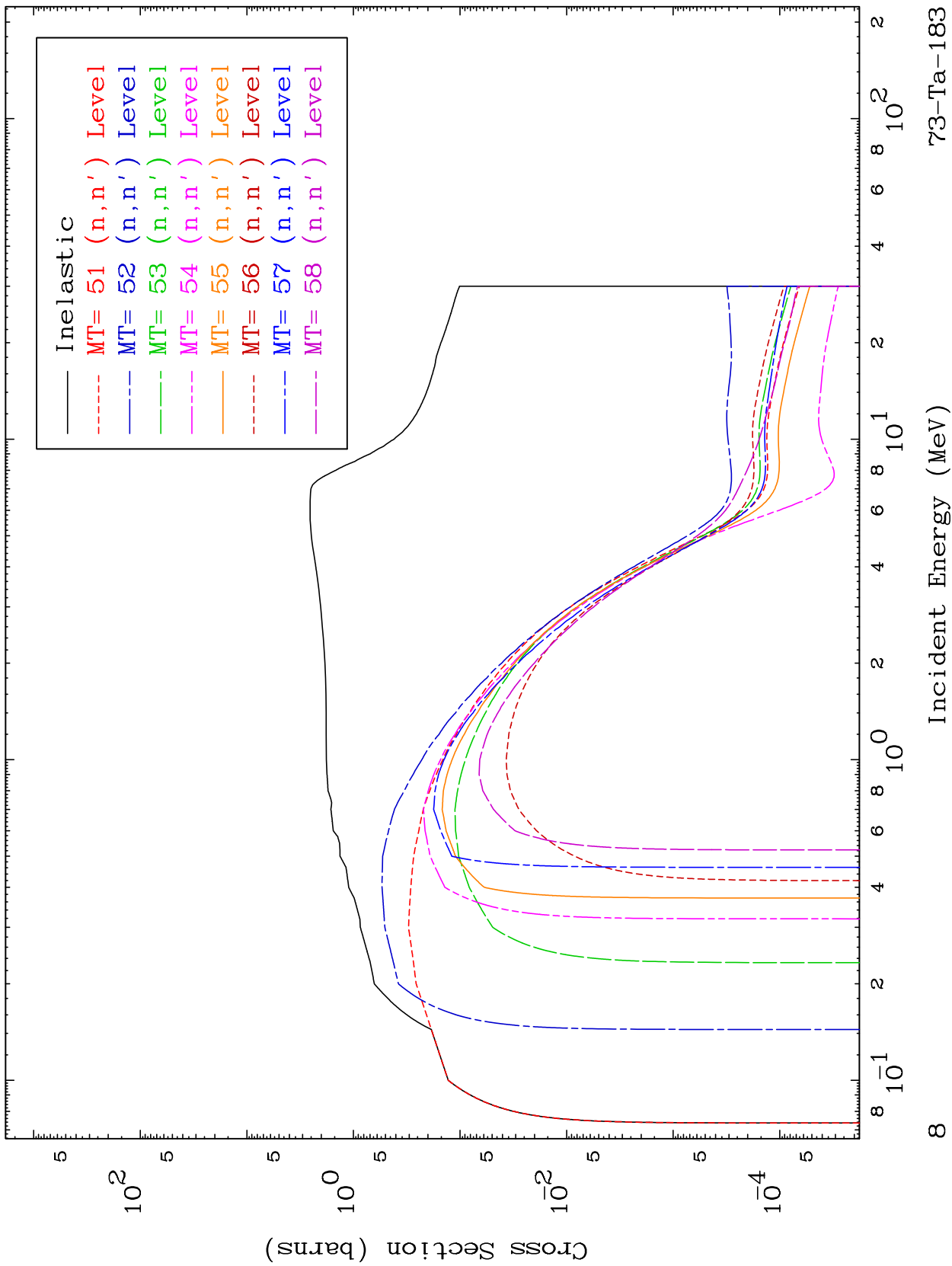




MAT 7334

(n,n') Levels  
293 Kelvin Cross Sections

73-Ta-183



73-Ta-183

Incident Energy (MeV)

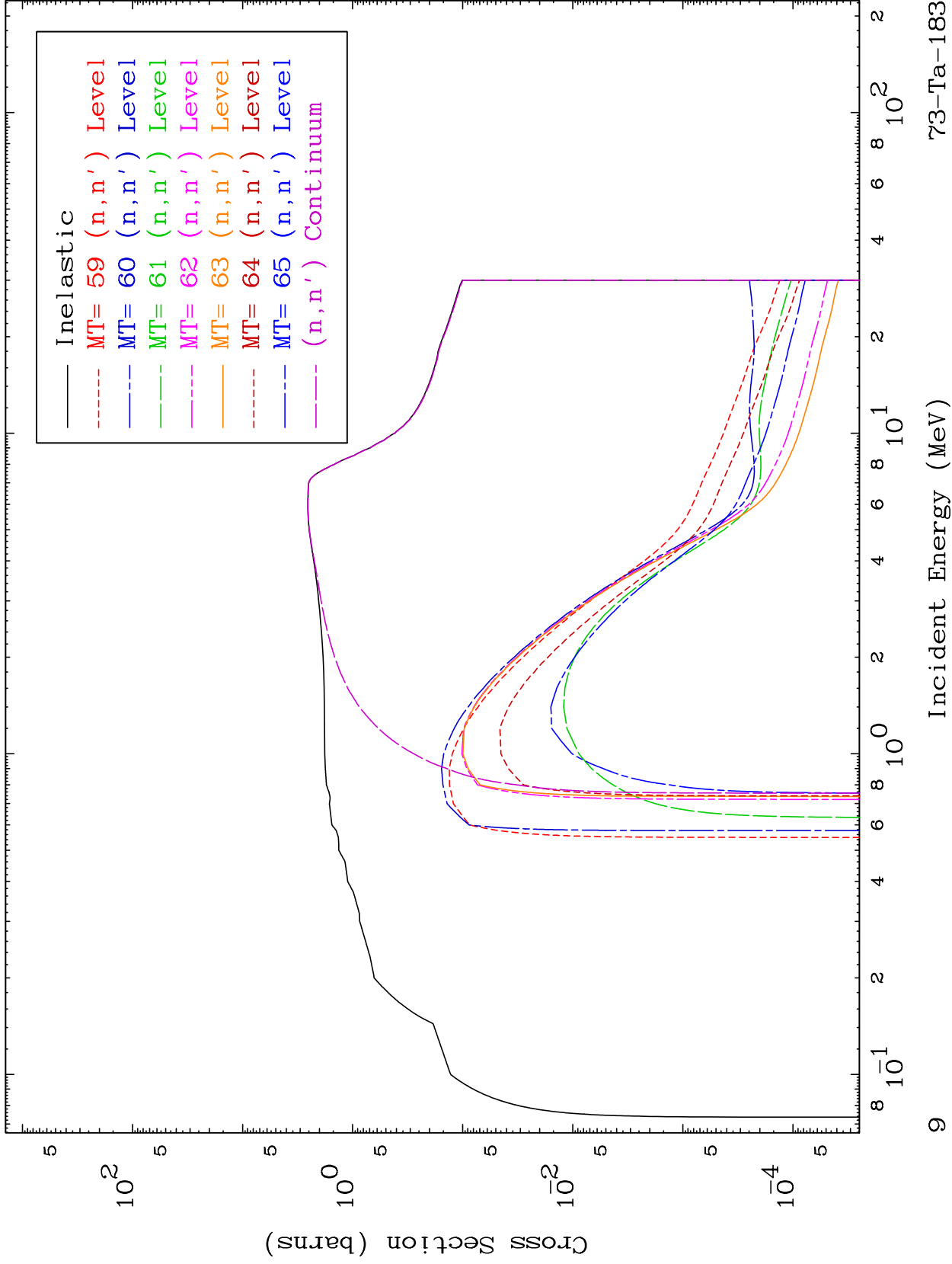
8

MAT 7334

(n,n') Levels

73-Ta-183

293 Kelvin Cross Sections

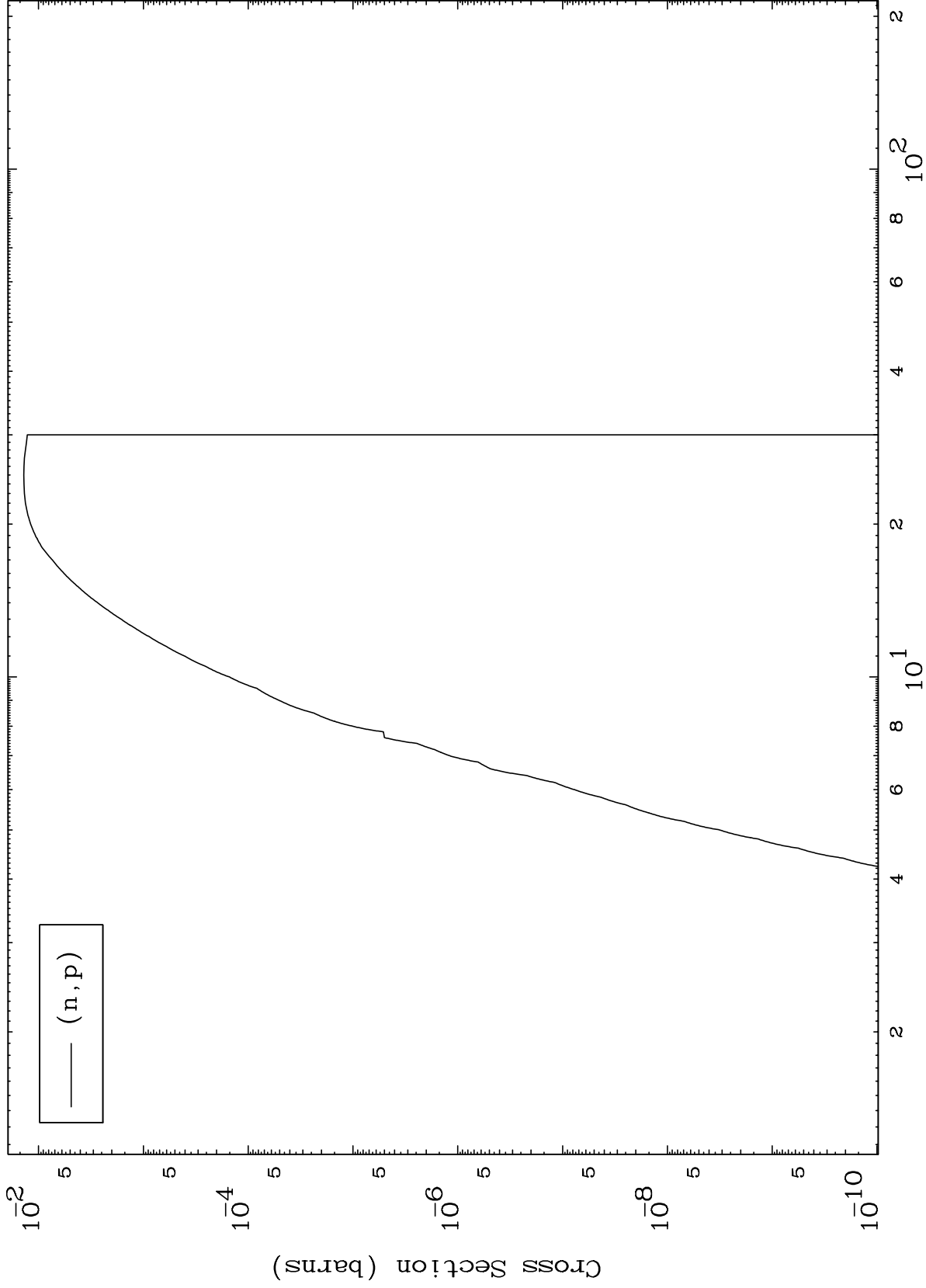


9

MAT 7334

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-183



10

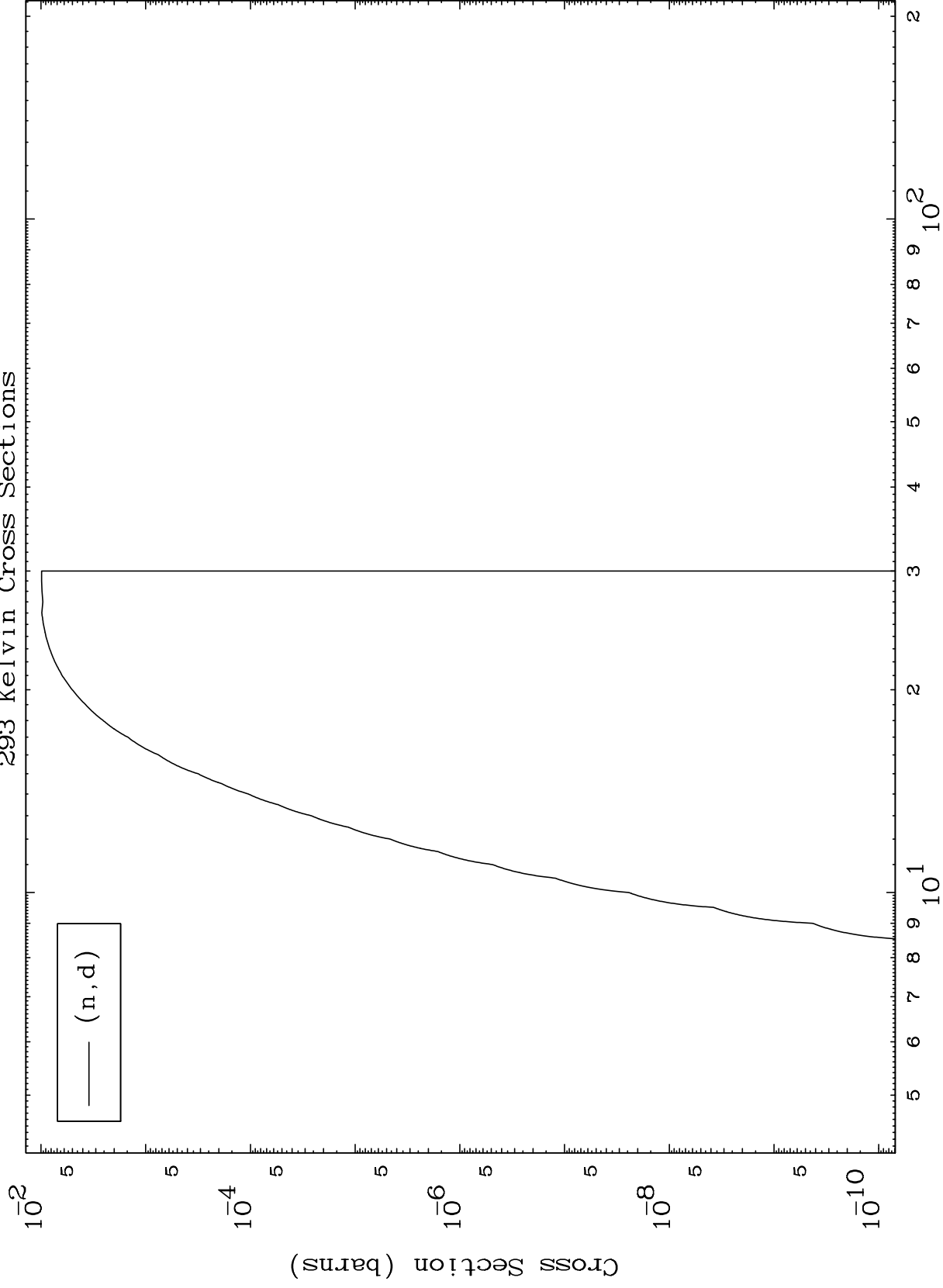
Incident Energy (MeV)

73-Ta-183

MAT 7334

(n,d) Levels  
293 Kelvin Cross Sections

<sup>73</sup>Ta-183



11

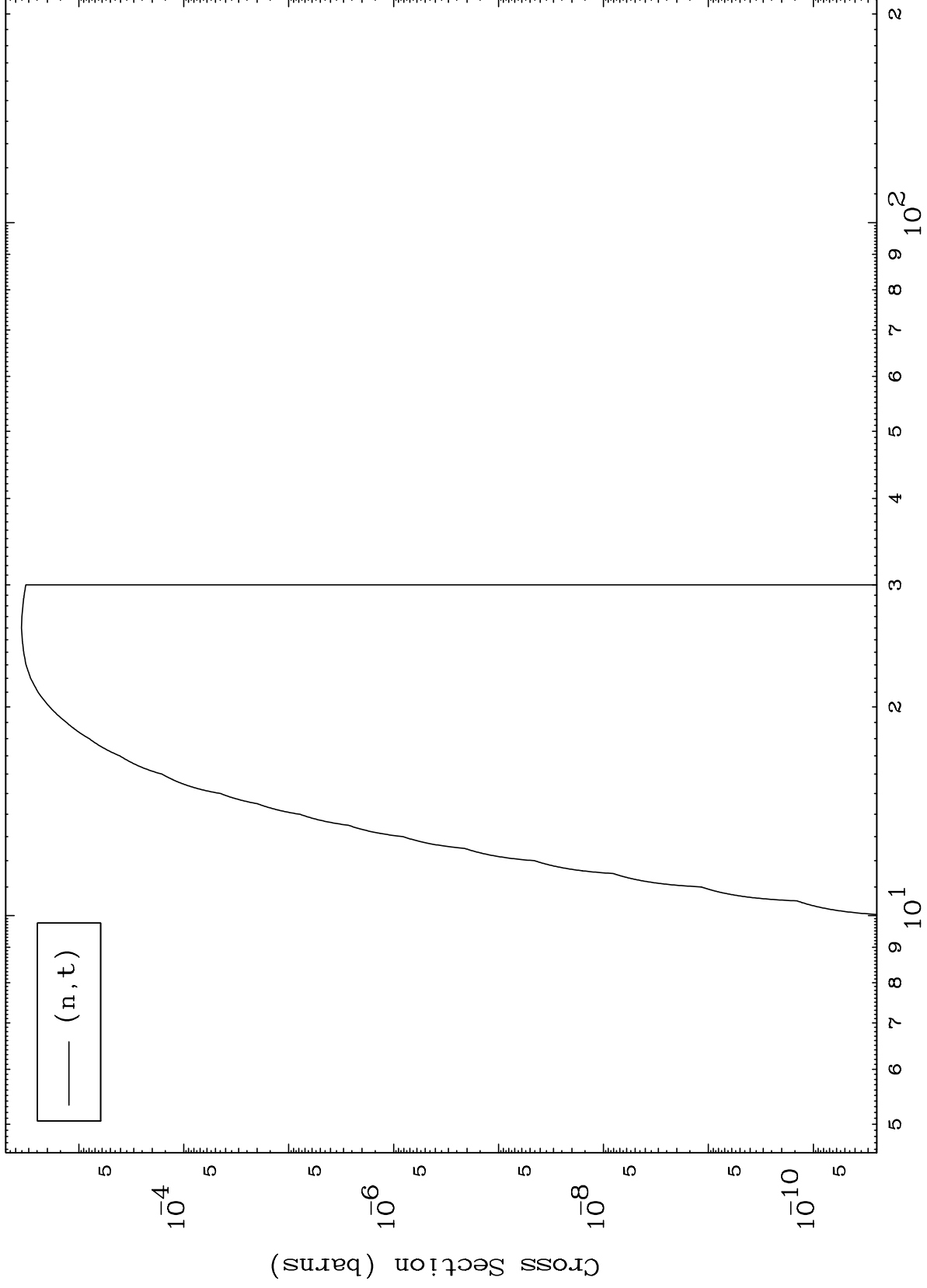
Incident Energy (MeV)

<sup>73</sup>Ta-183

MAT 7334

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-183



12

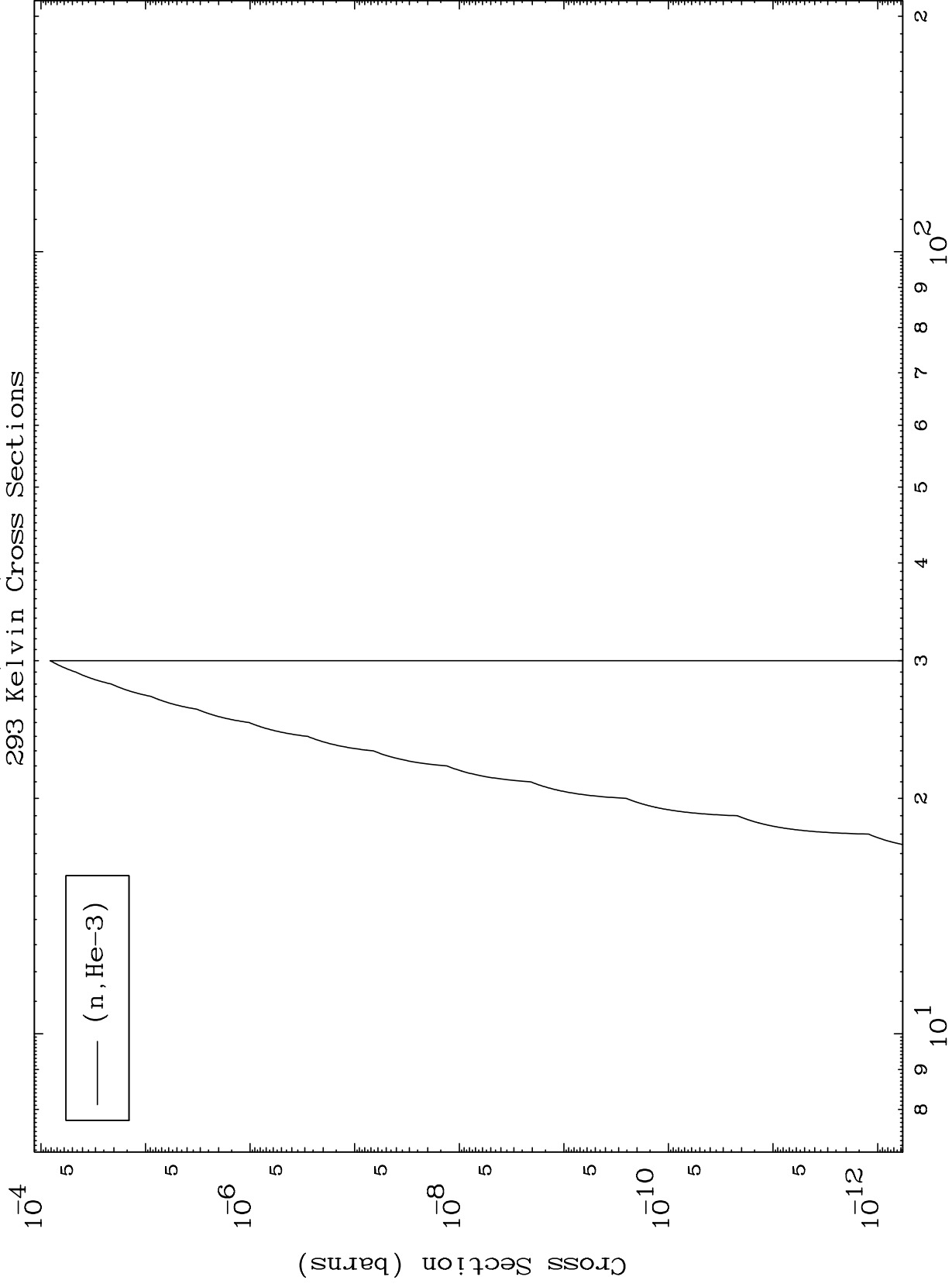
Incident Energy (MeV)

73-Ta-183

MAT 7334

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-183



13

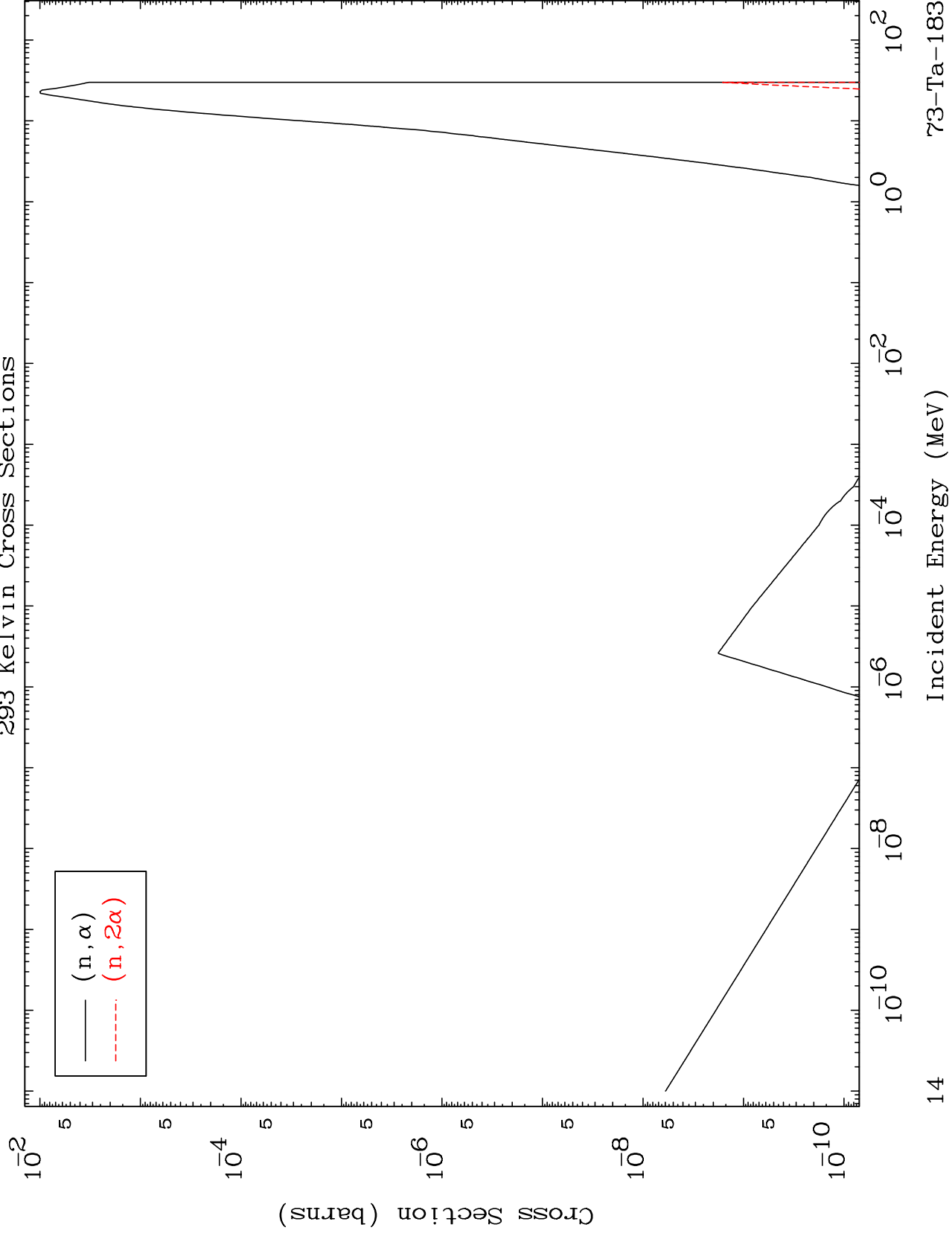
Incident Energy (MeV)

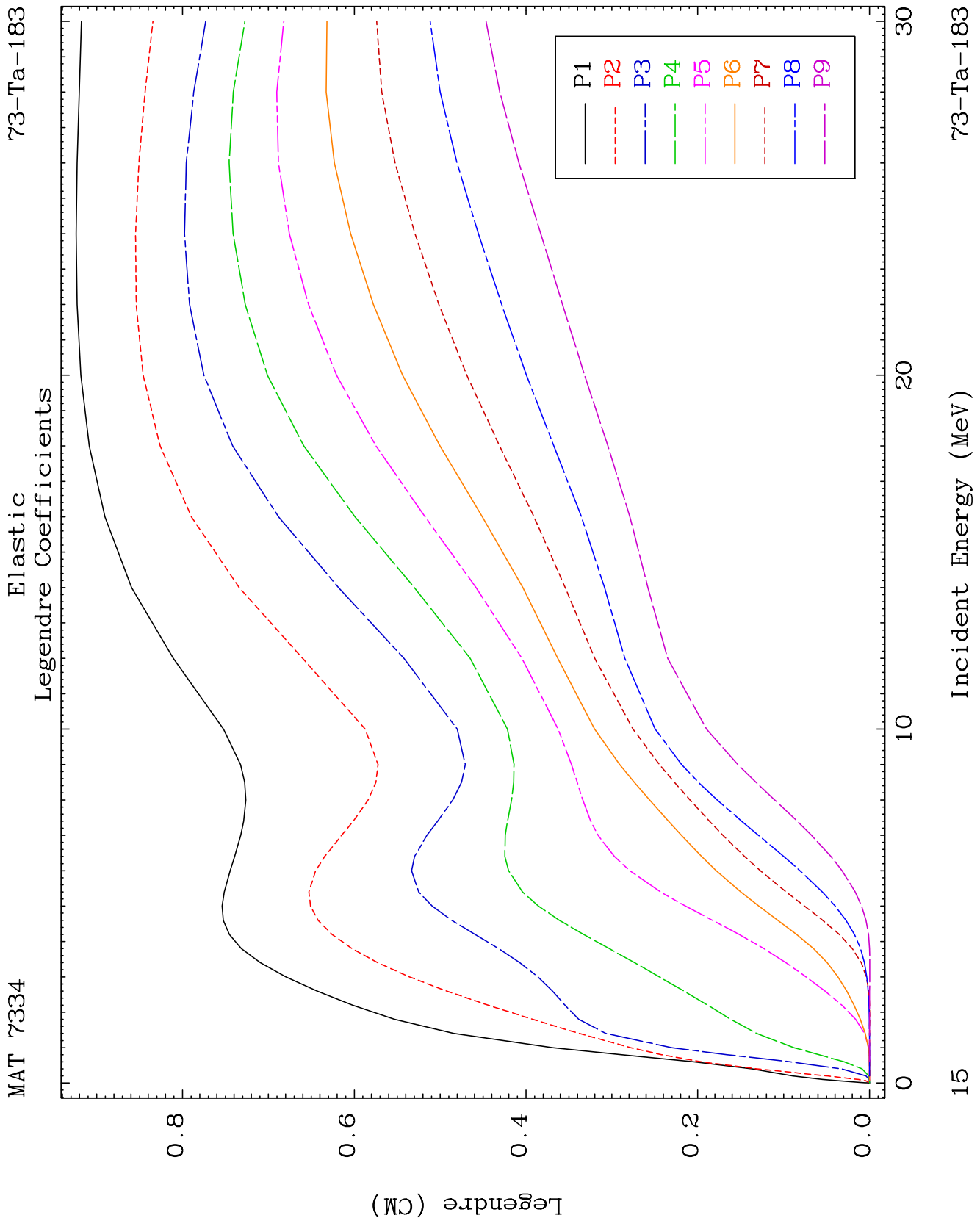
73-Ta-183

MAT 7334

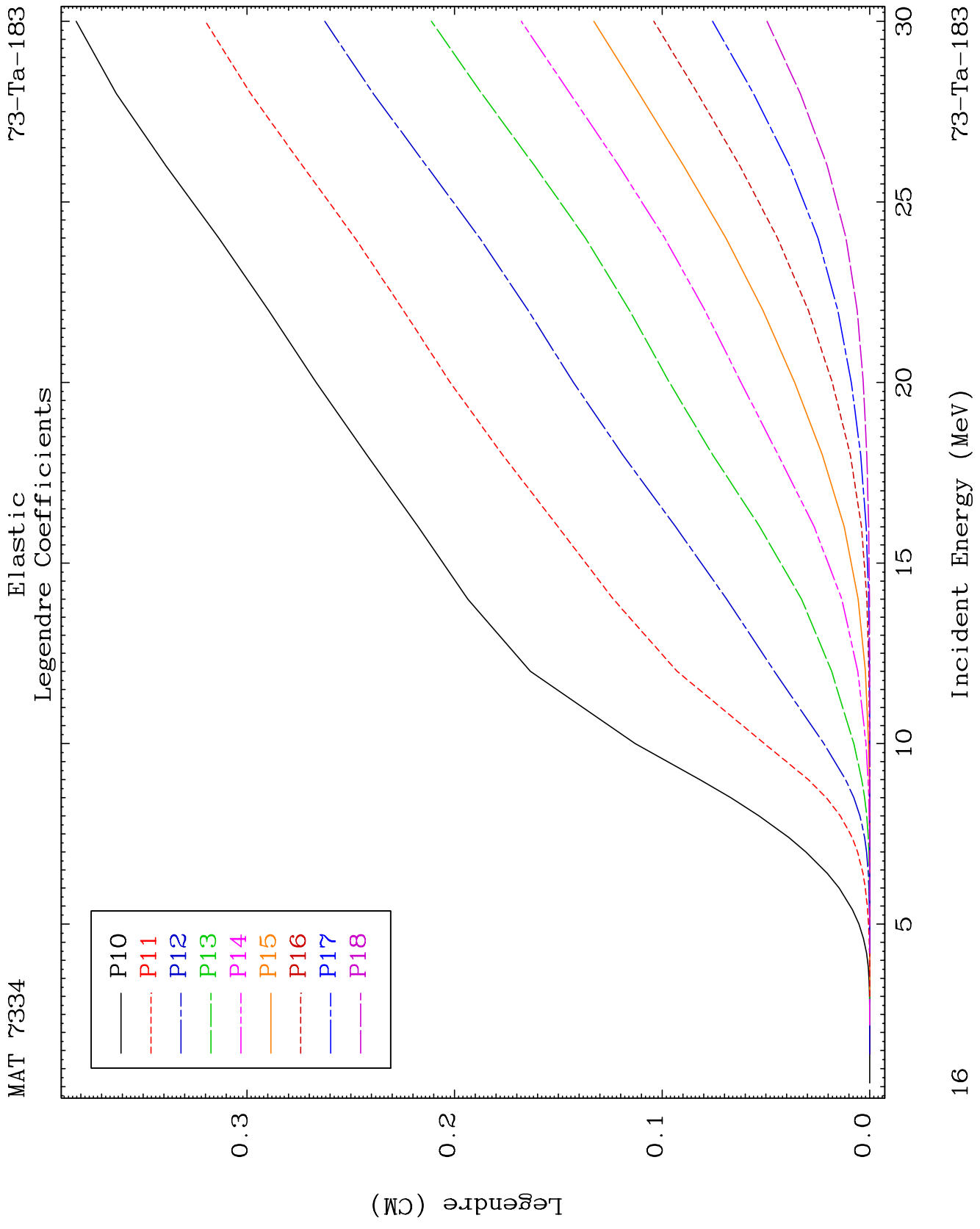
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

73-Ta-183





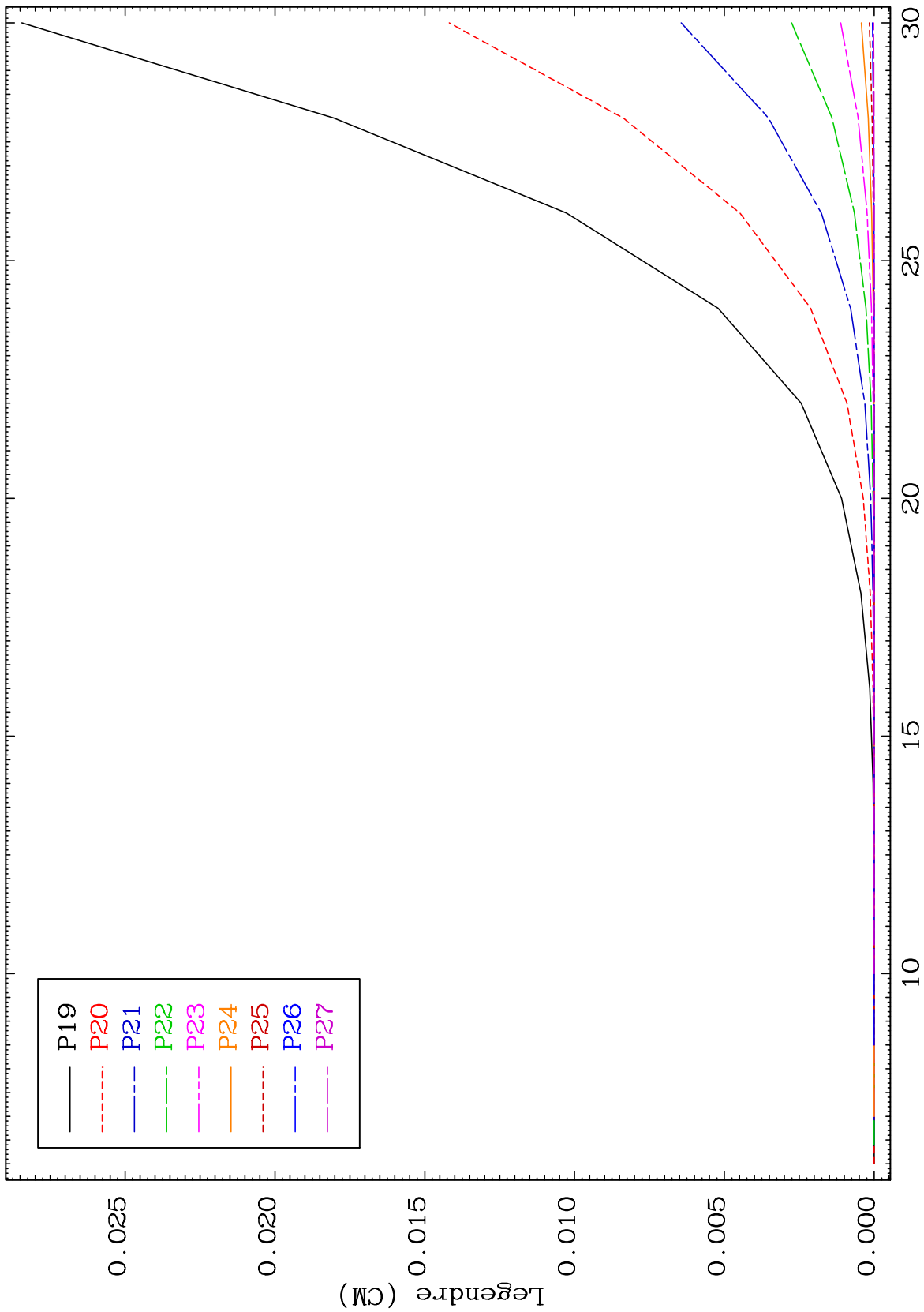




MAT 7334

Elastic Legendre Coefficients

73-Ta-183



17

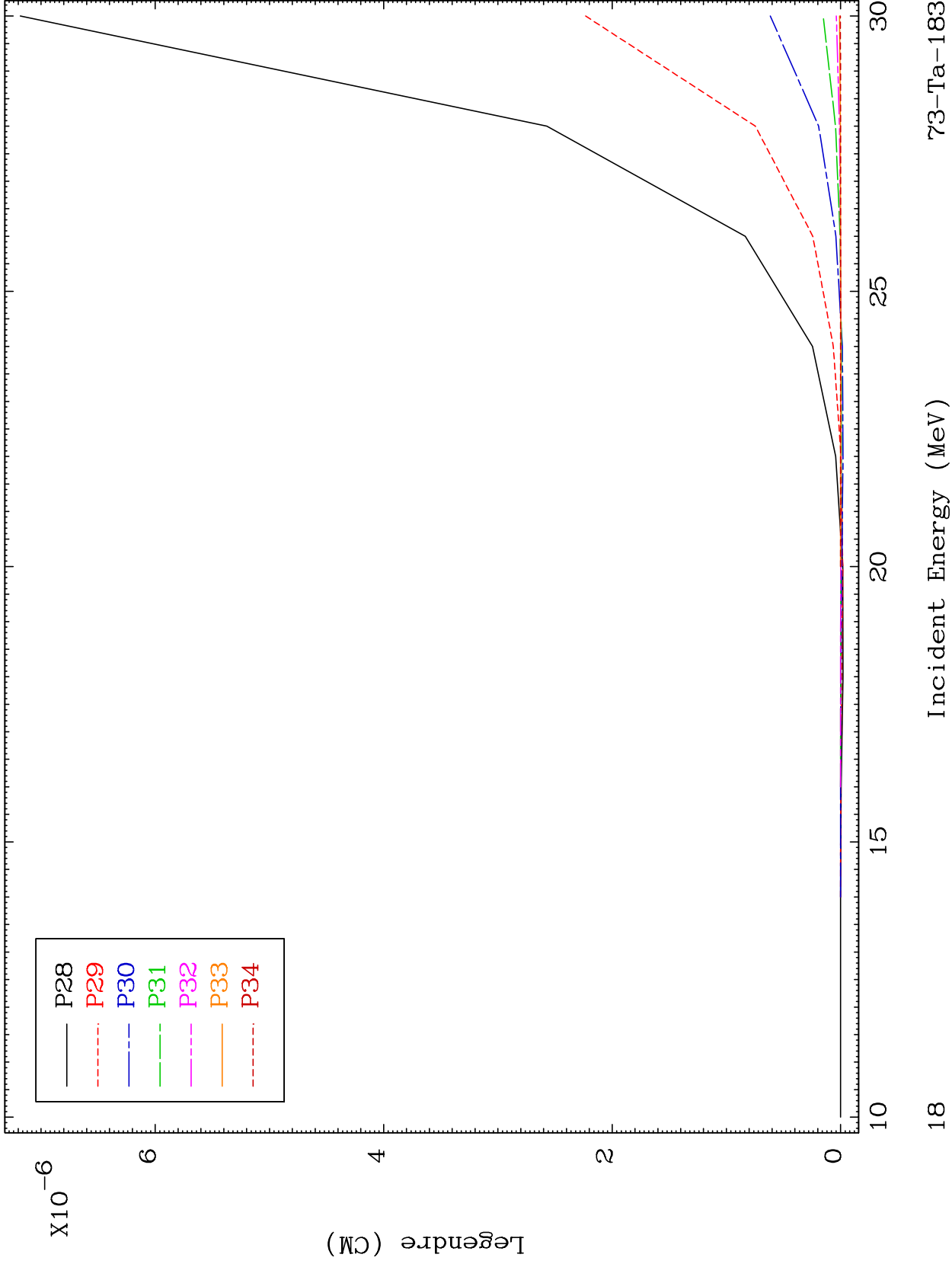
Incident Energy (MeV)

73-Ta-183

MAT 7334

Elastic Legendre Coefficients

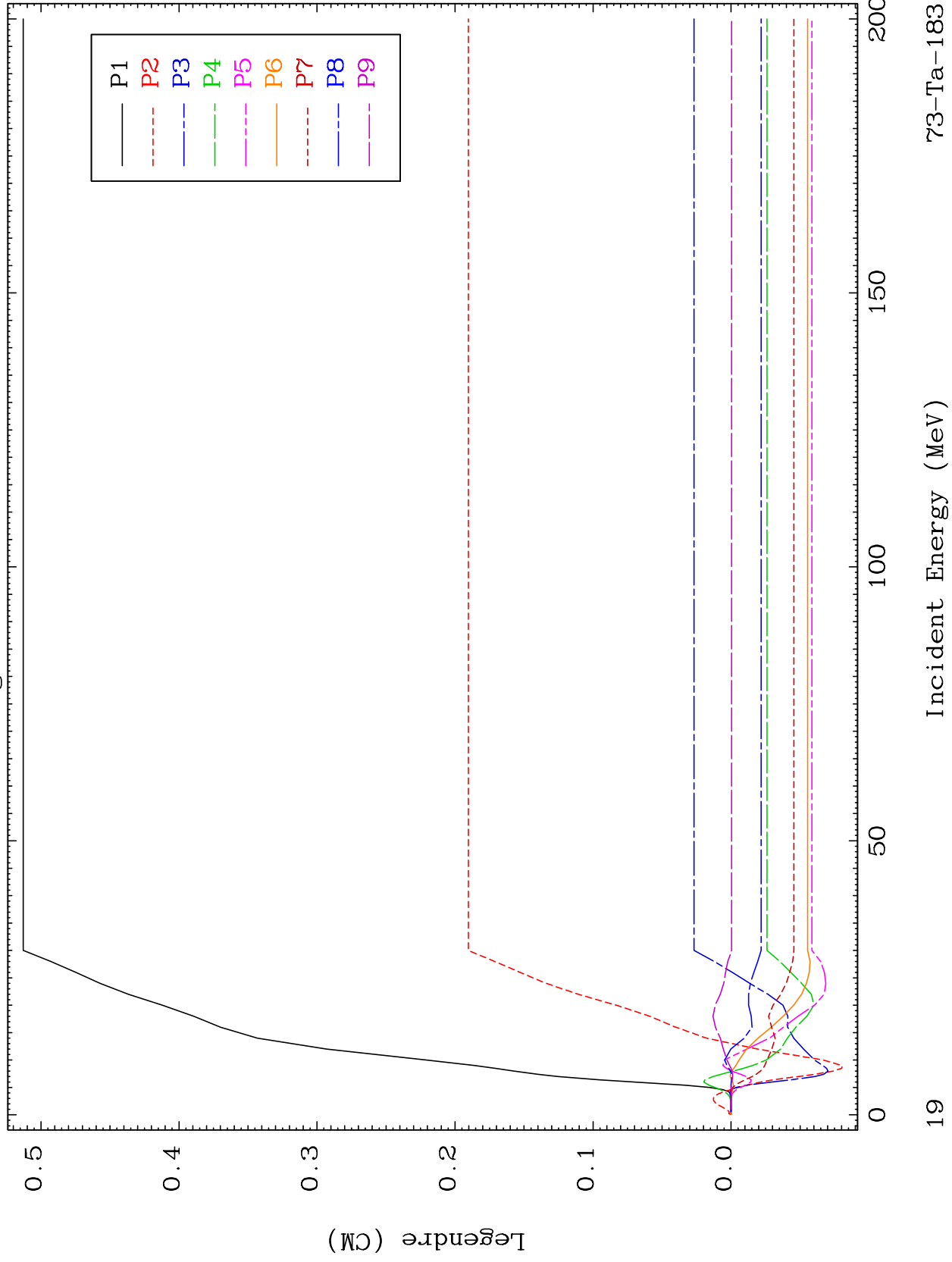
<sup>73</sup>Ta-<sup>183</sup>



MAT 7334

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

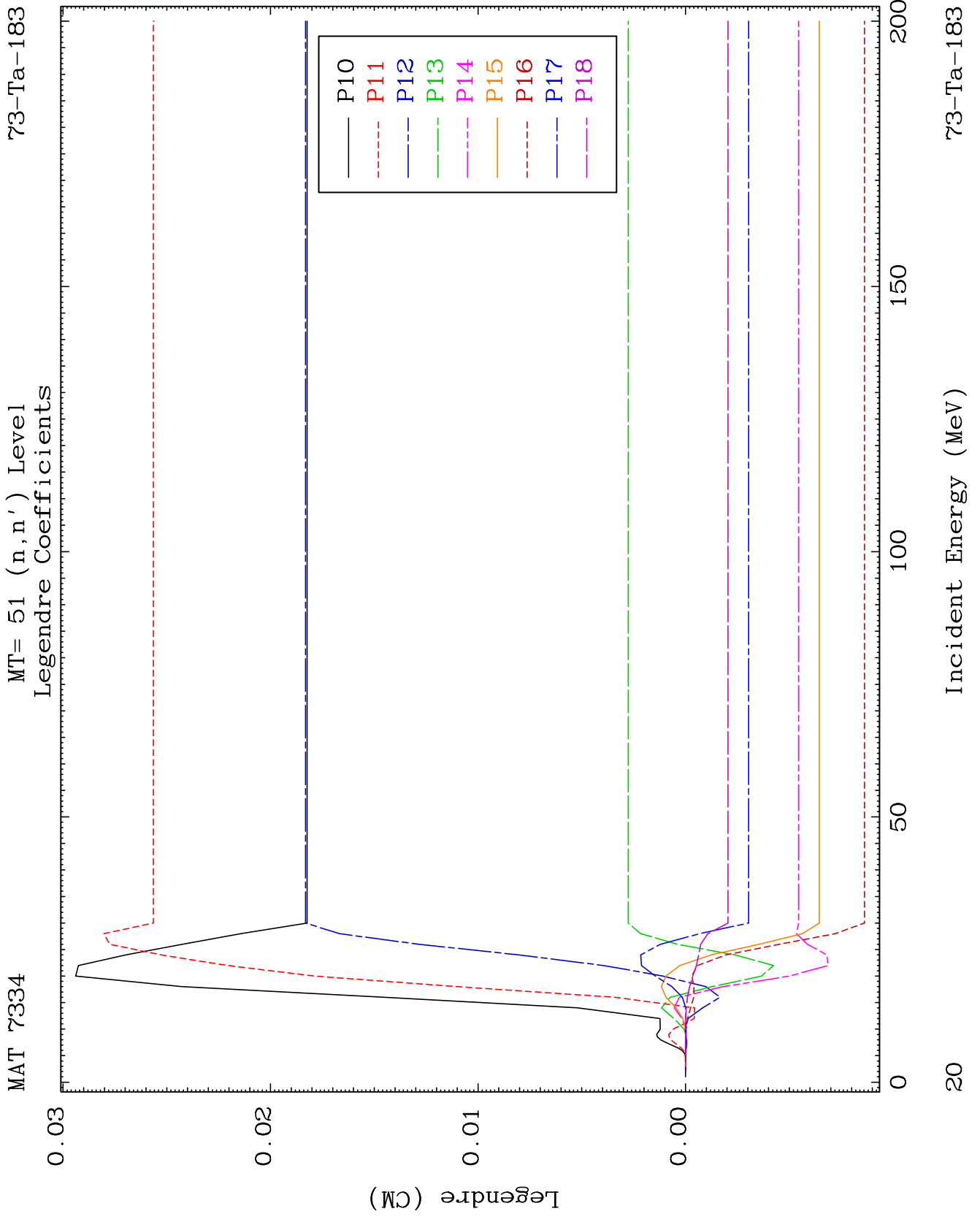
73-Ta-183



19

Incident Energy (MeV)

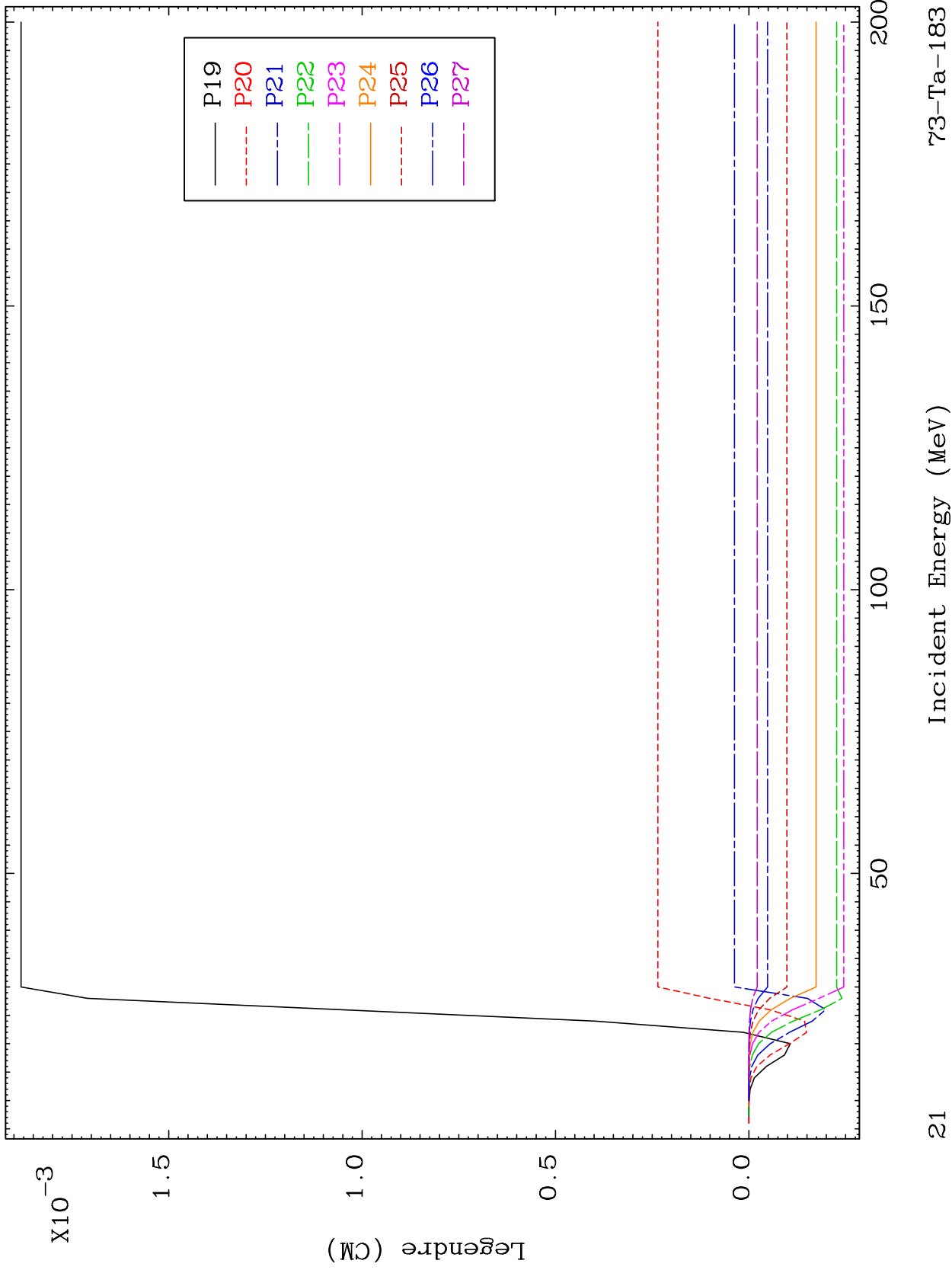
73-Ta-183

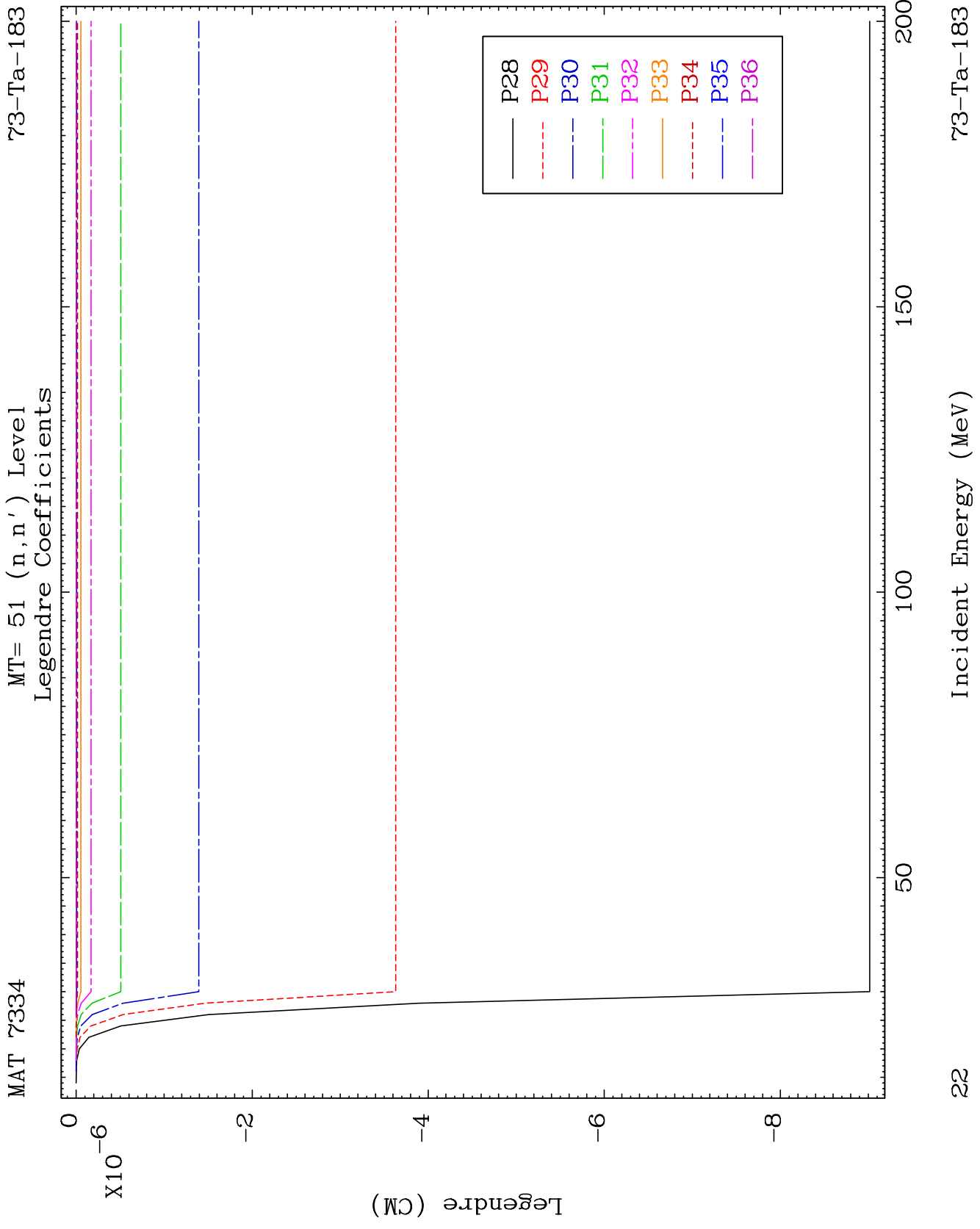


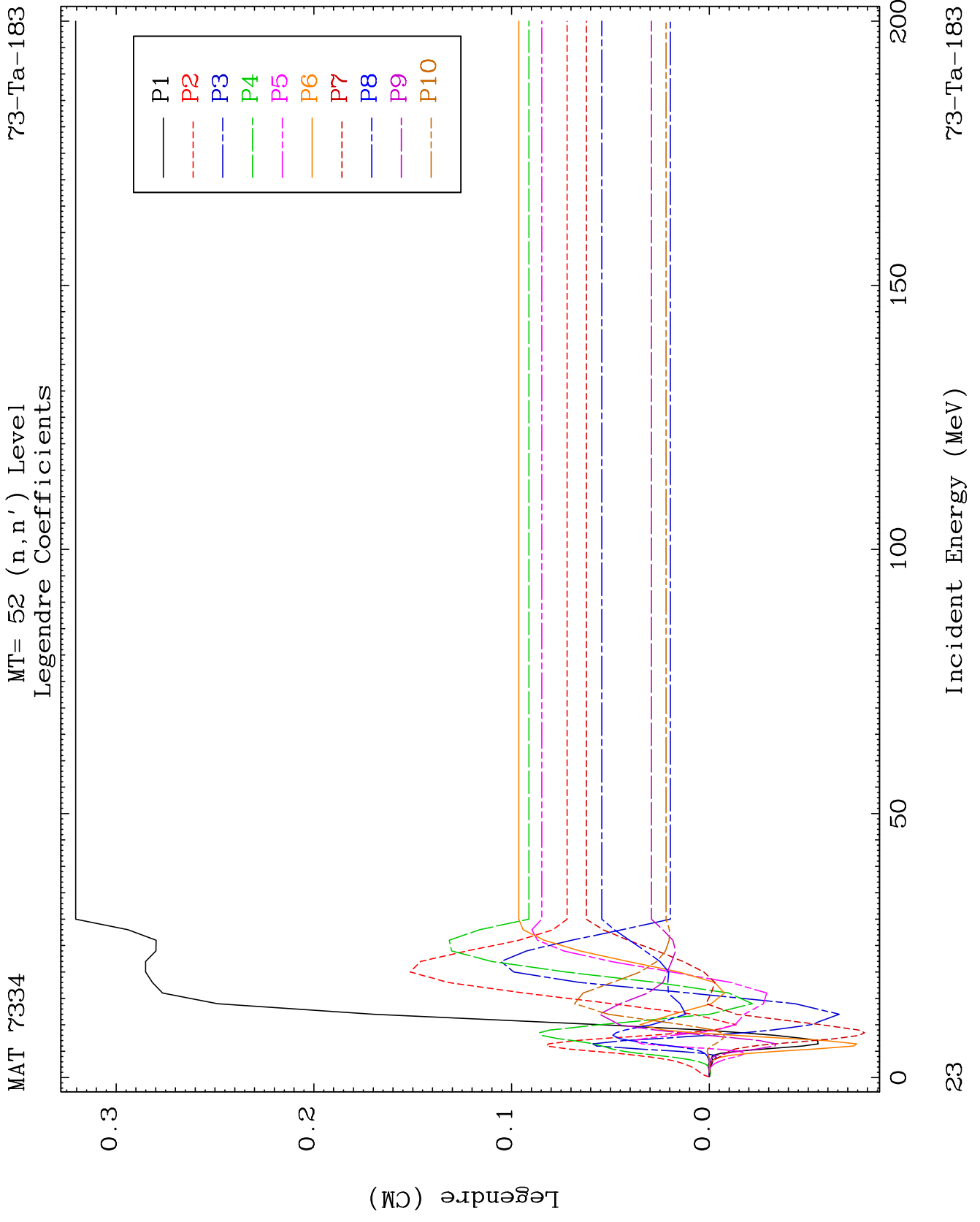
MAT 7334

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

73-Ta-183





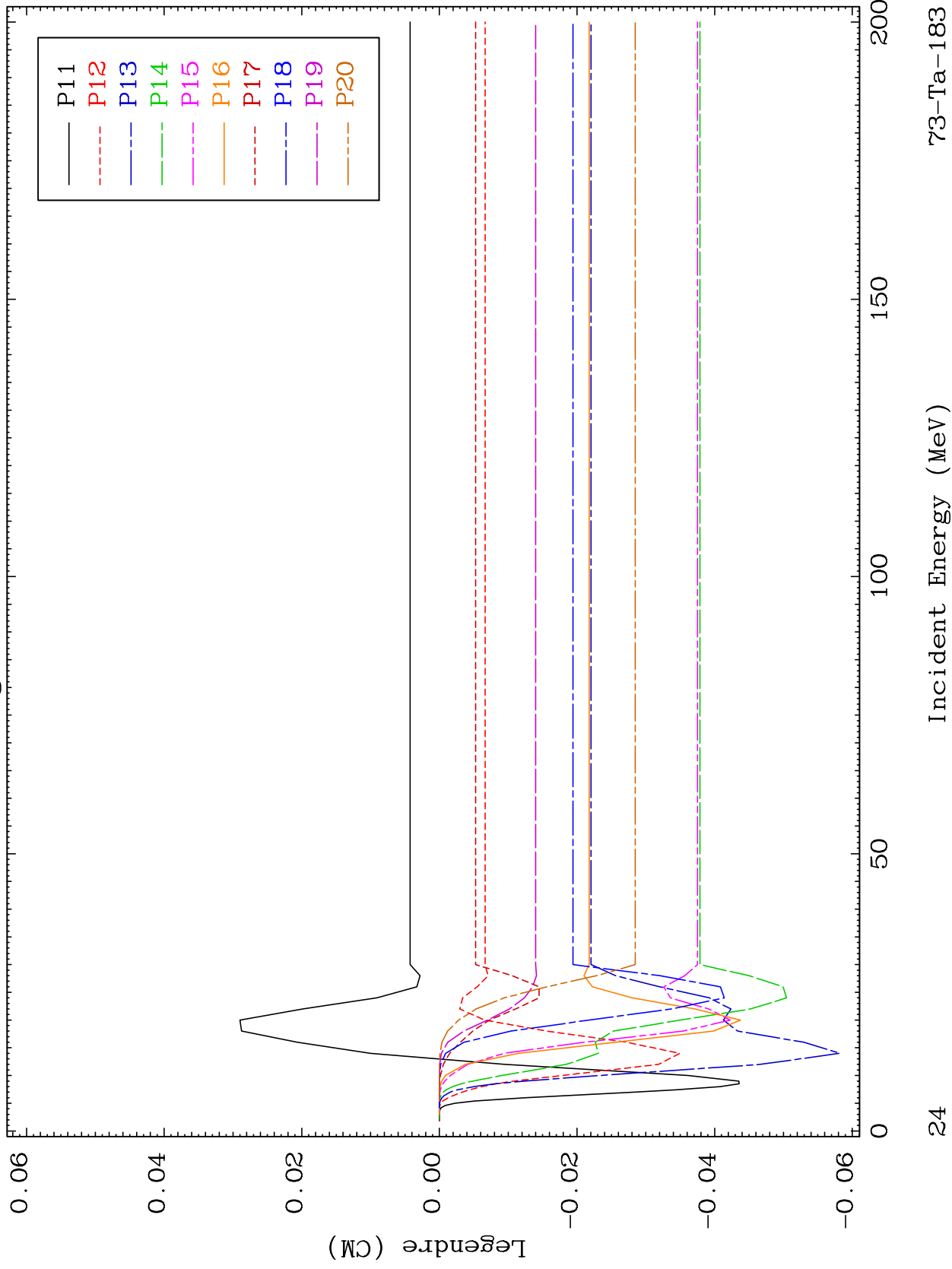




MAT 7334

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

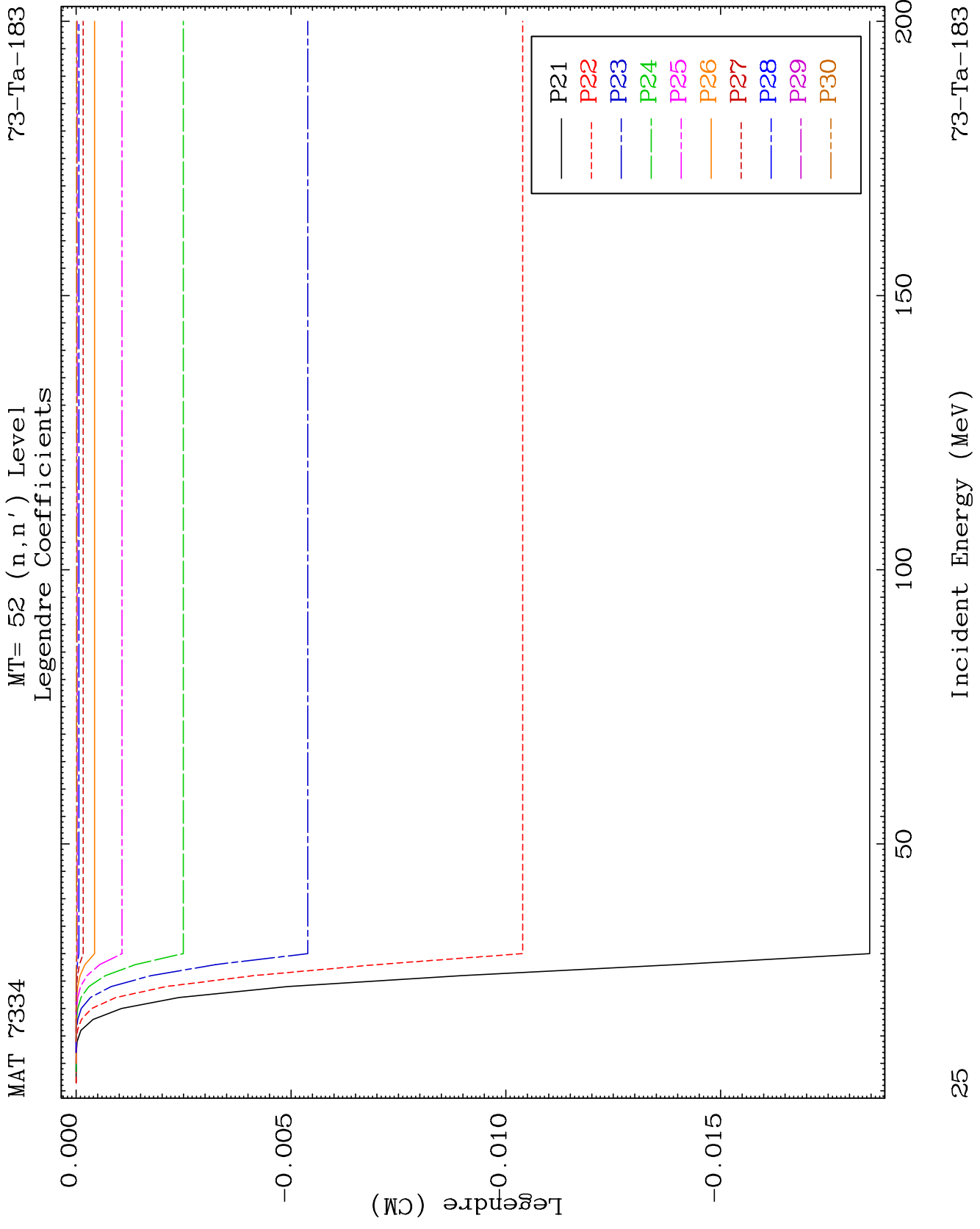
73-Ta-183



73-Ta-183

Incident Energy (MeV)

24

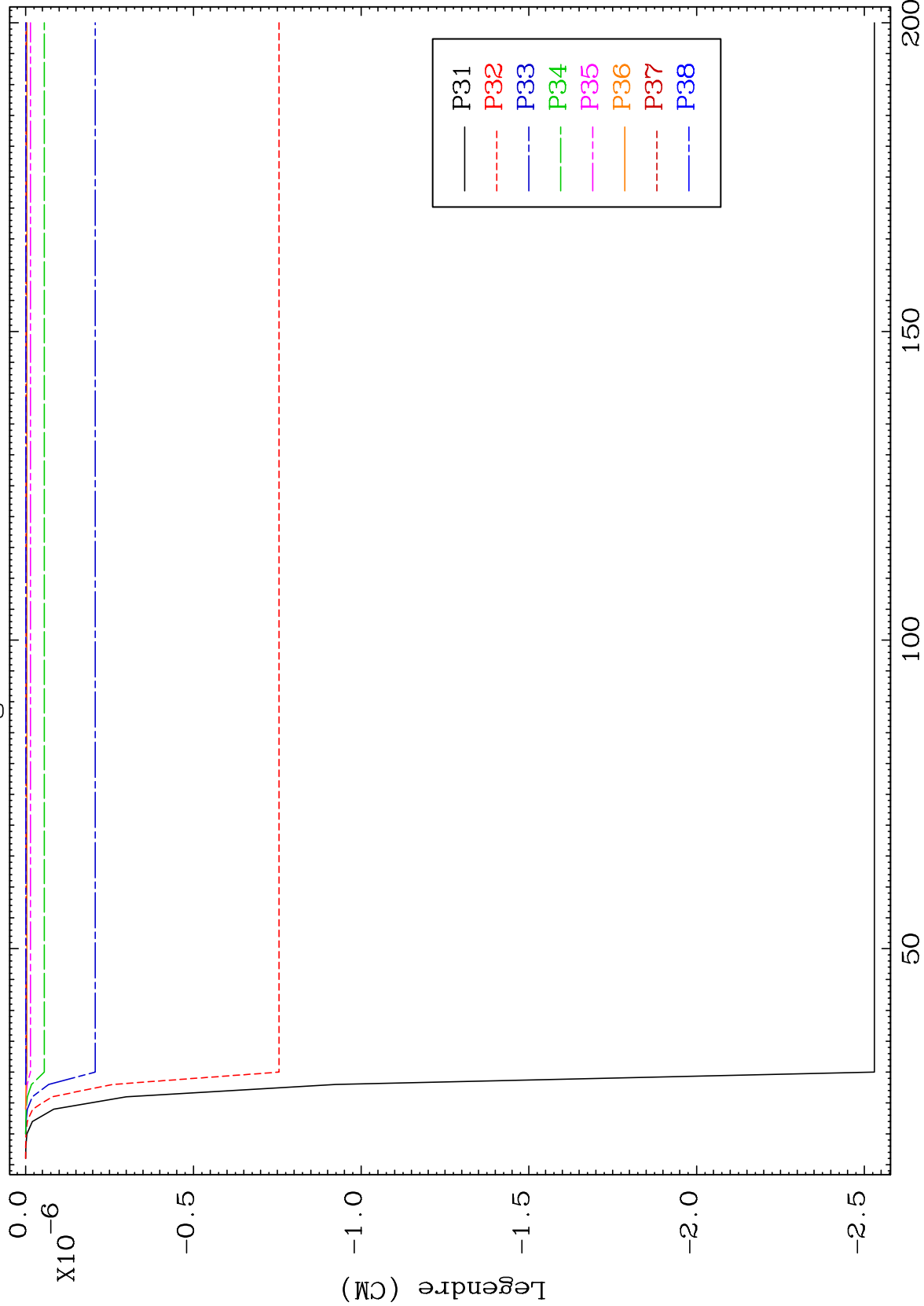


MAT 7334

MT= 52 (n,n') Level

73-Ta-183

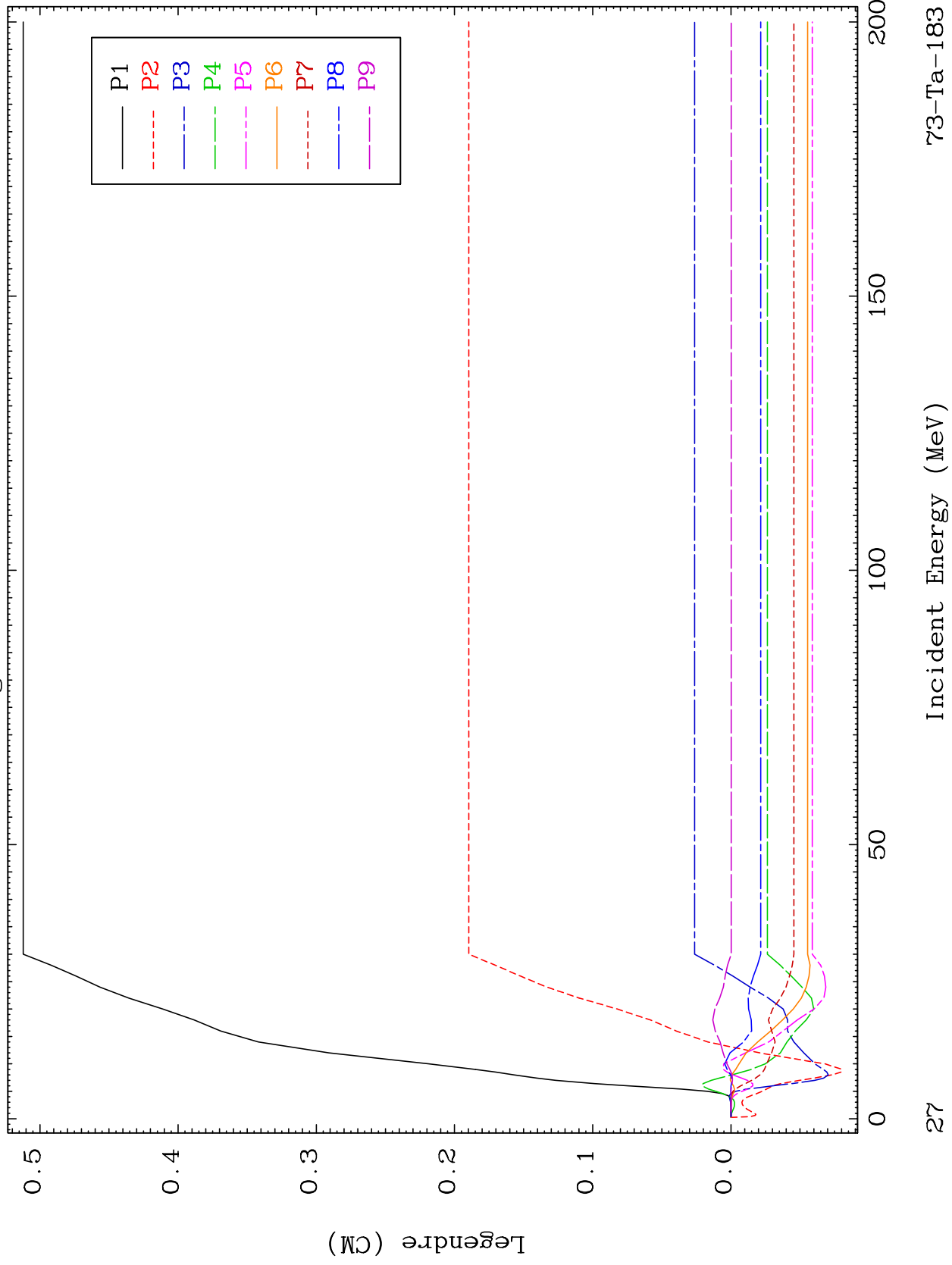
Legendre Coefficients



MAT 7334

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

73-Ta-183

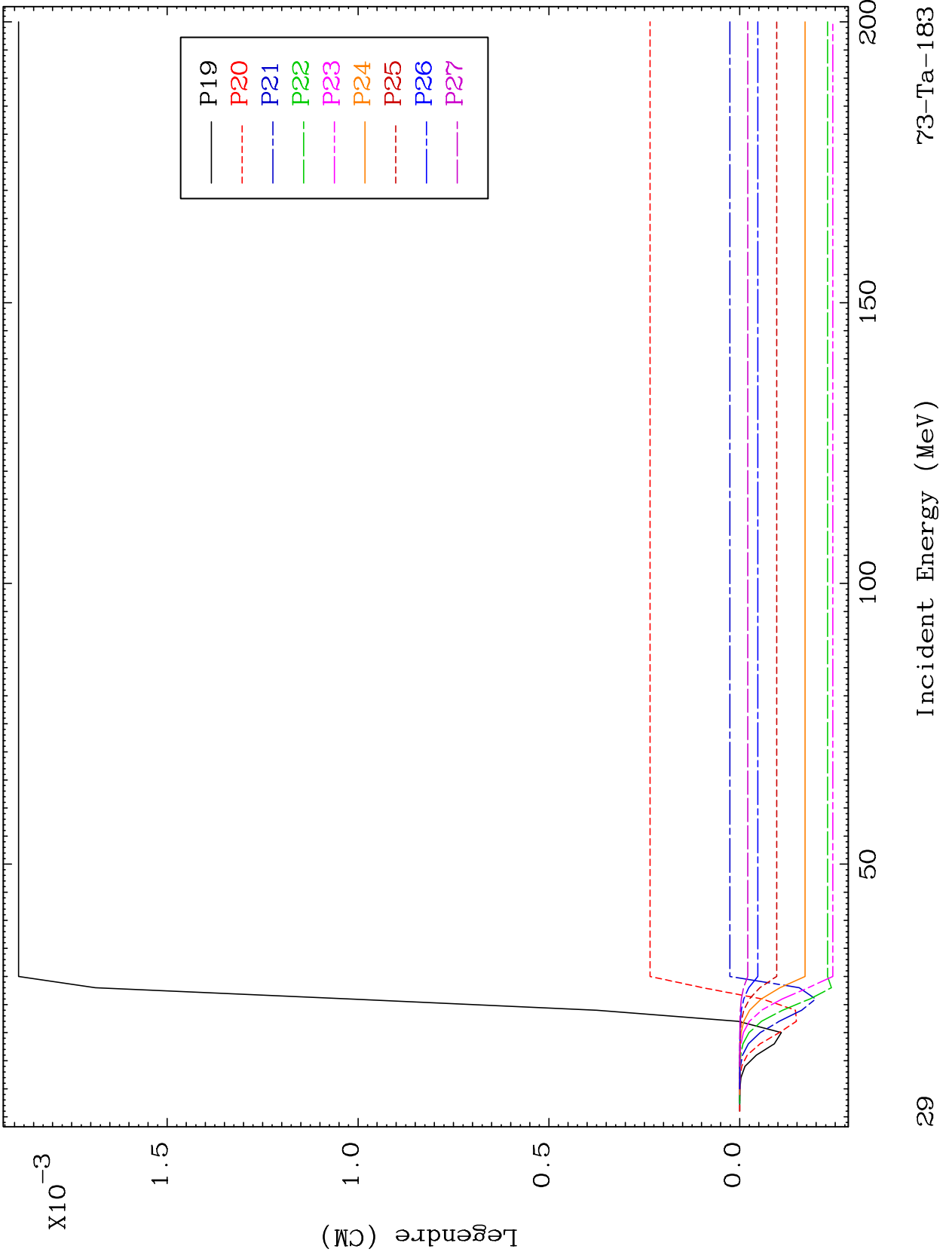


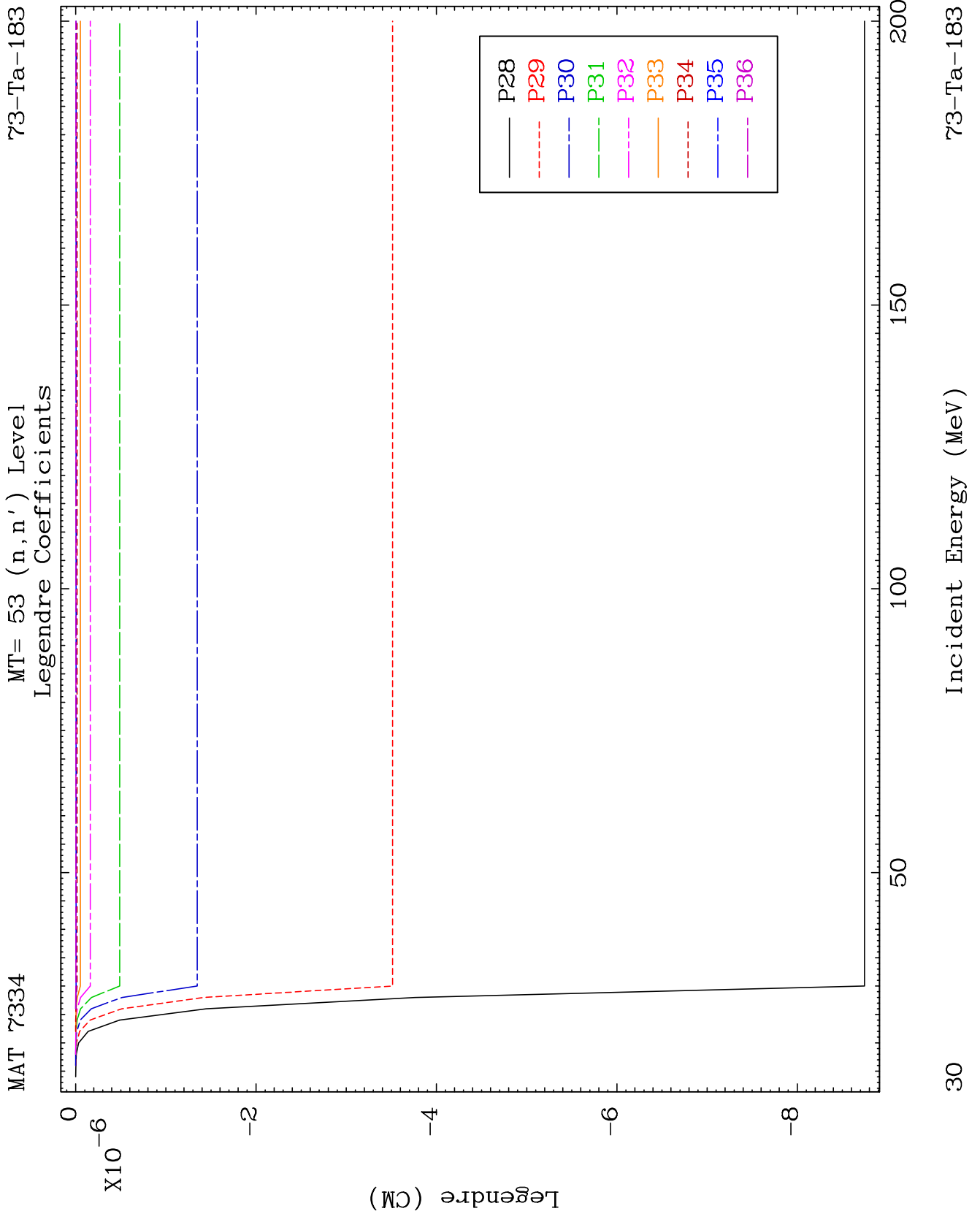
73-Ta-183

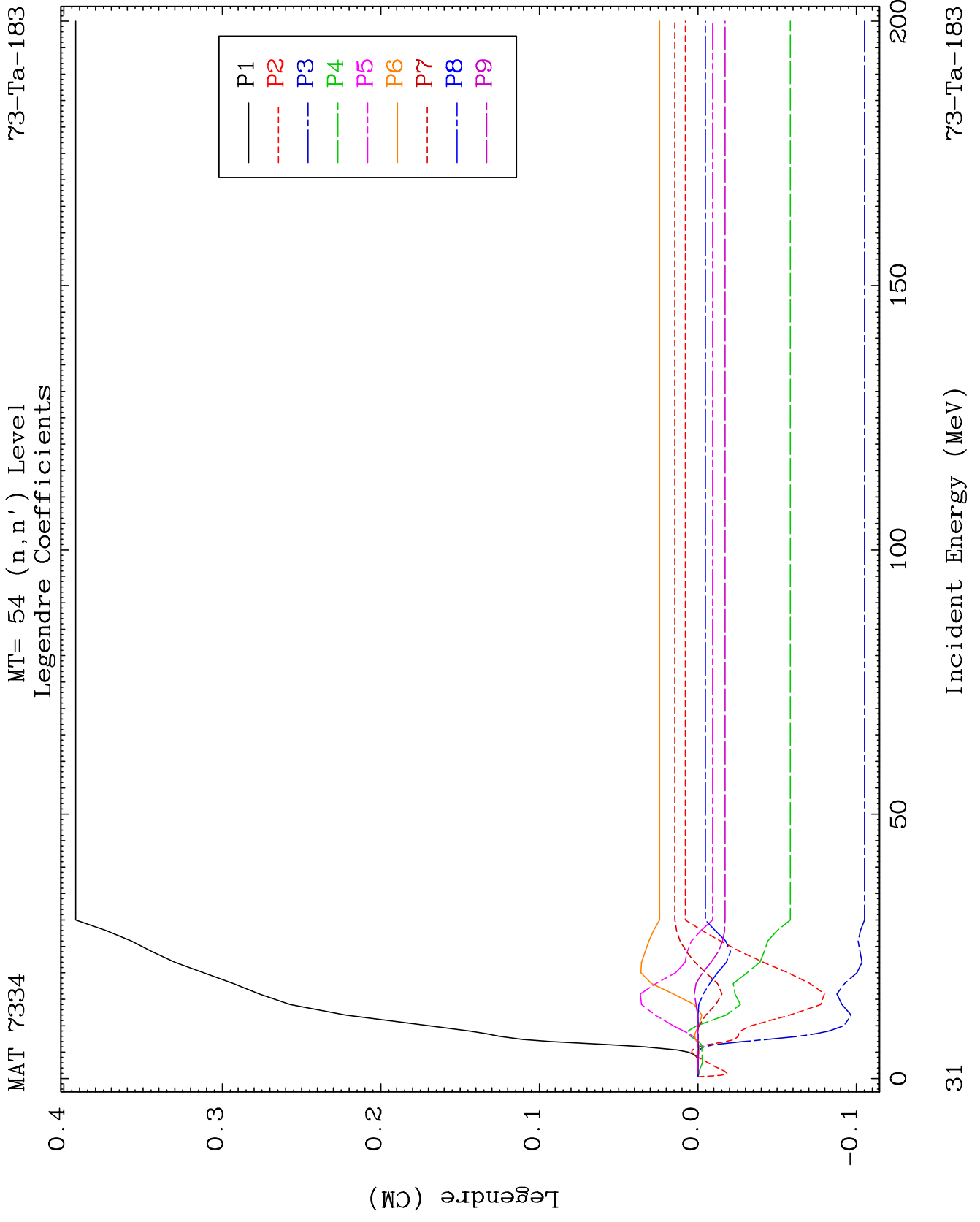
Incident Energy (MeV)

27







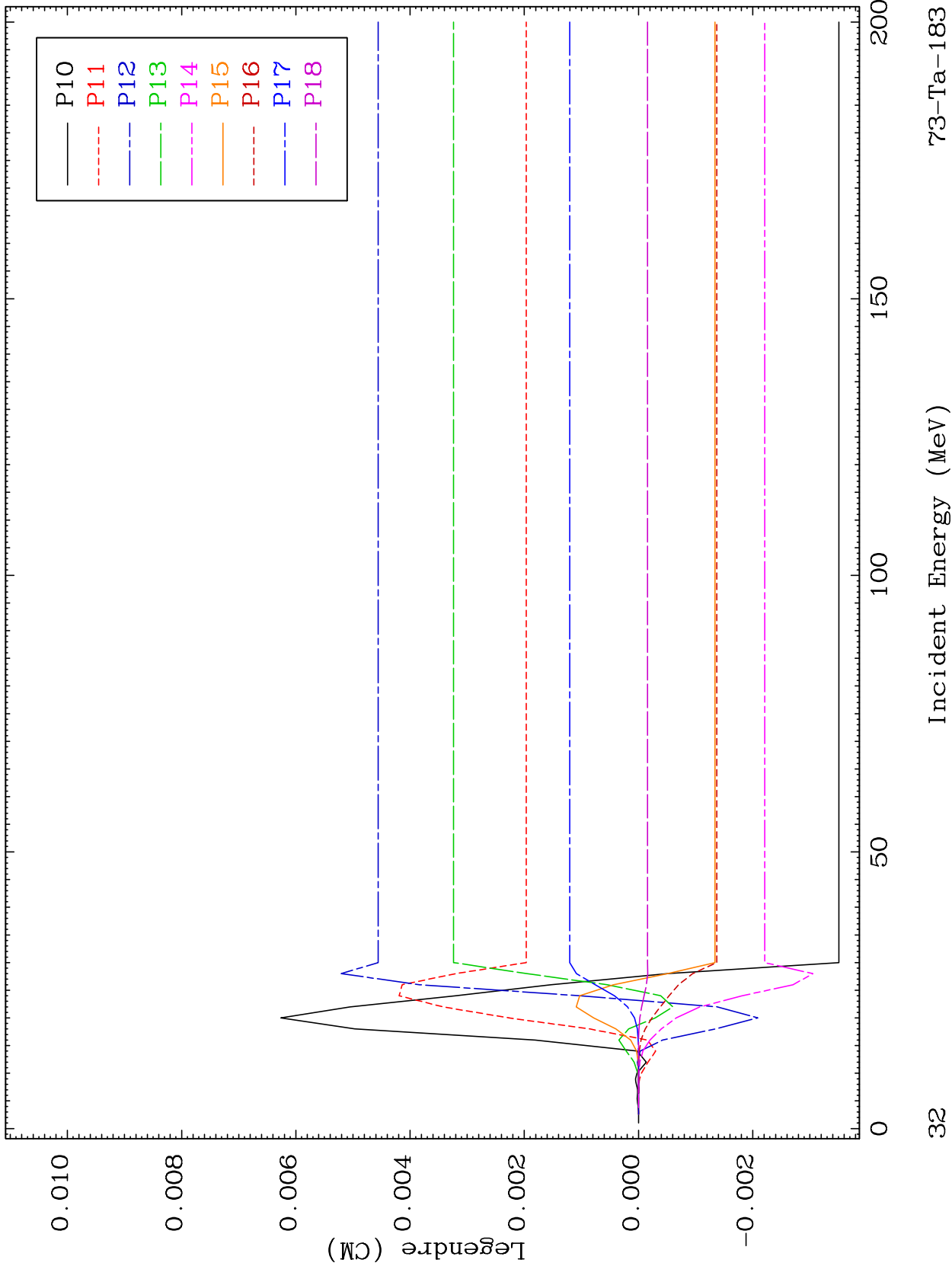




MAT 7334

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

73-Ta-183



73-Ta-183

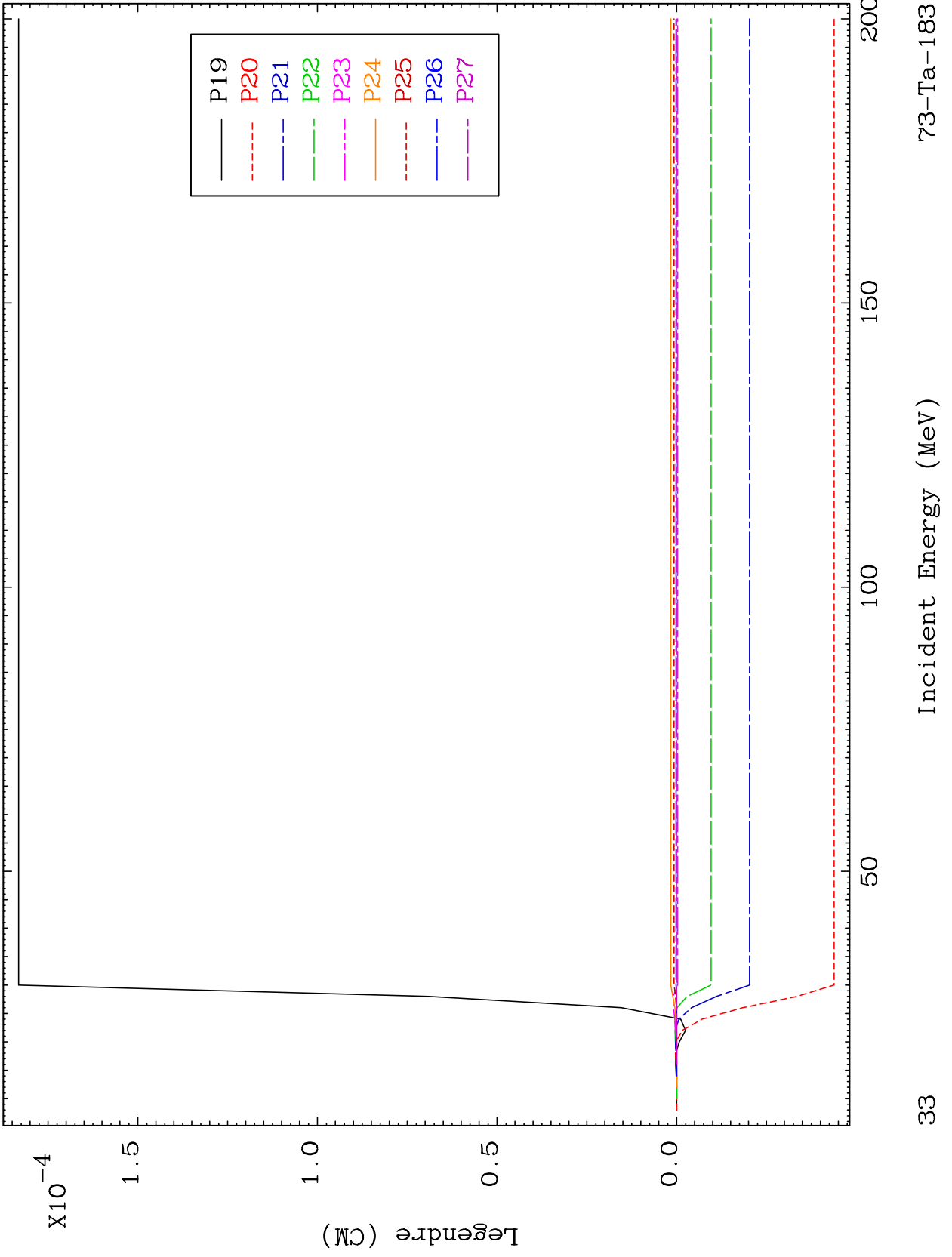
Incident Energy (MeV)

32

MAT 7334

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

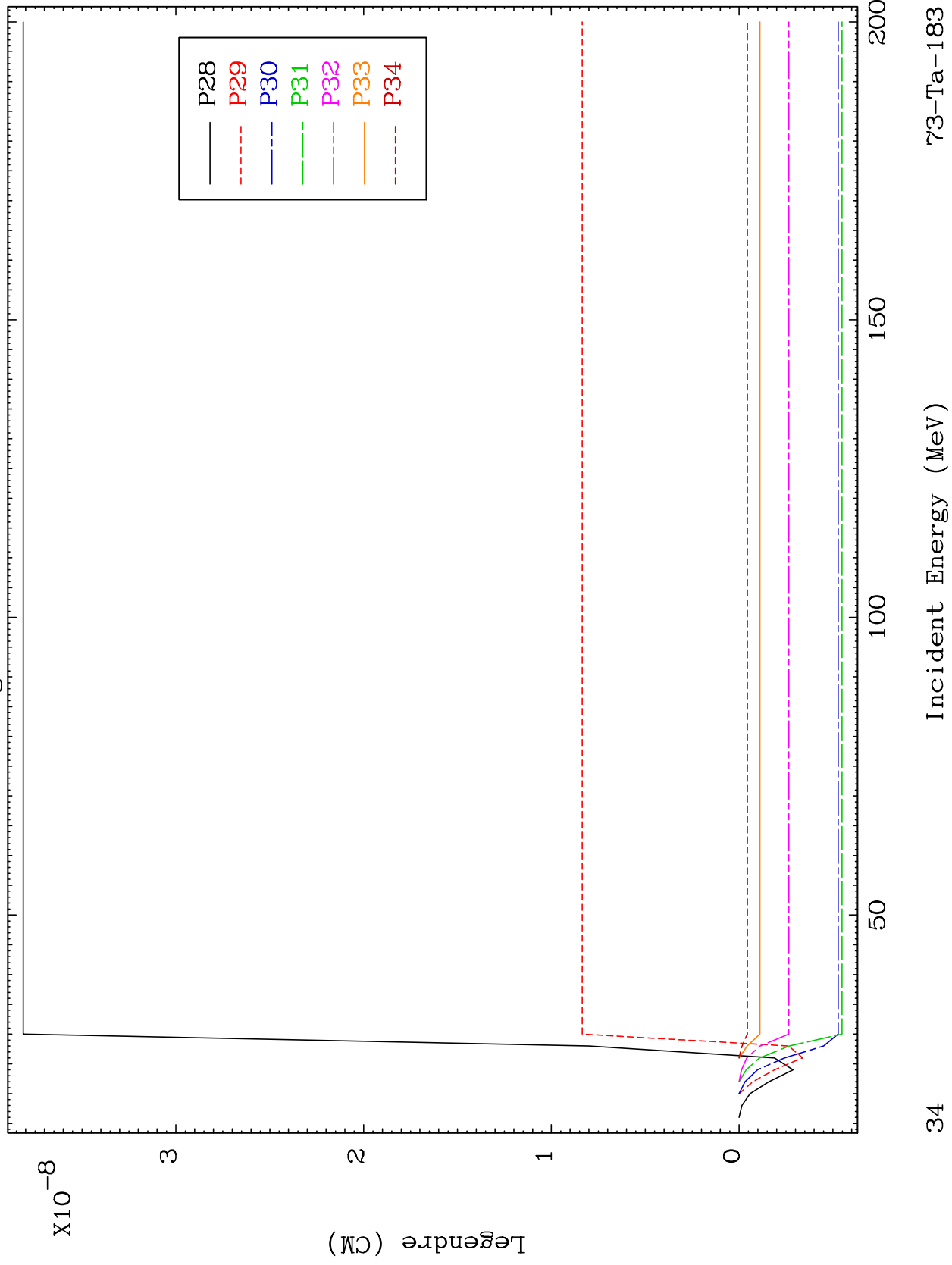
73-Ta-183



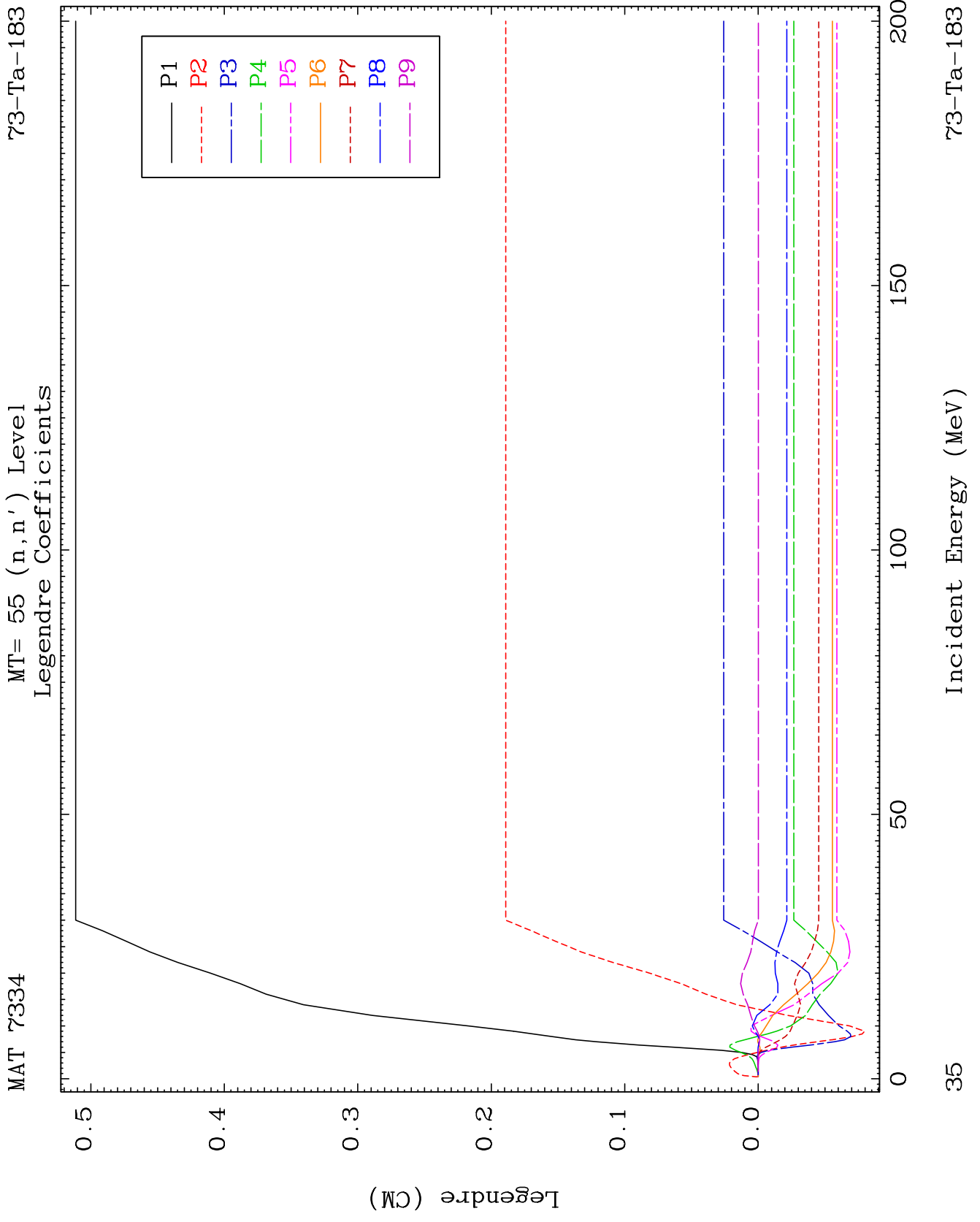
MAT 7334

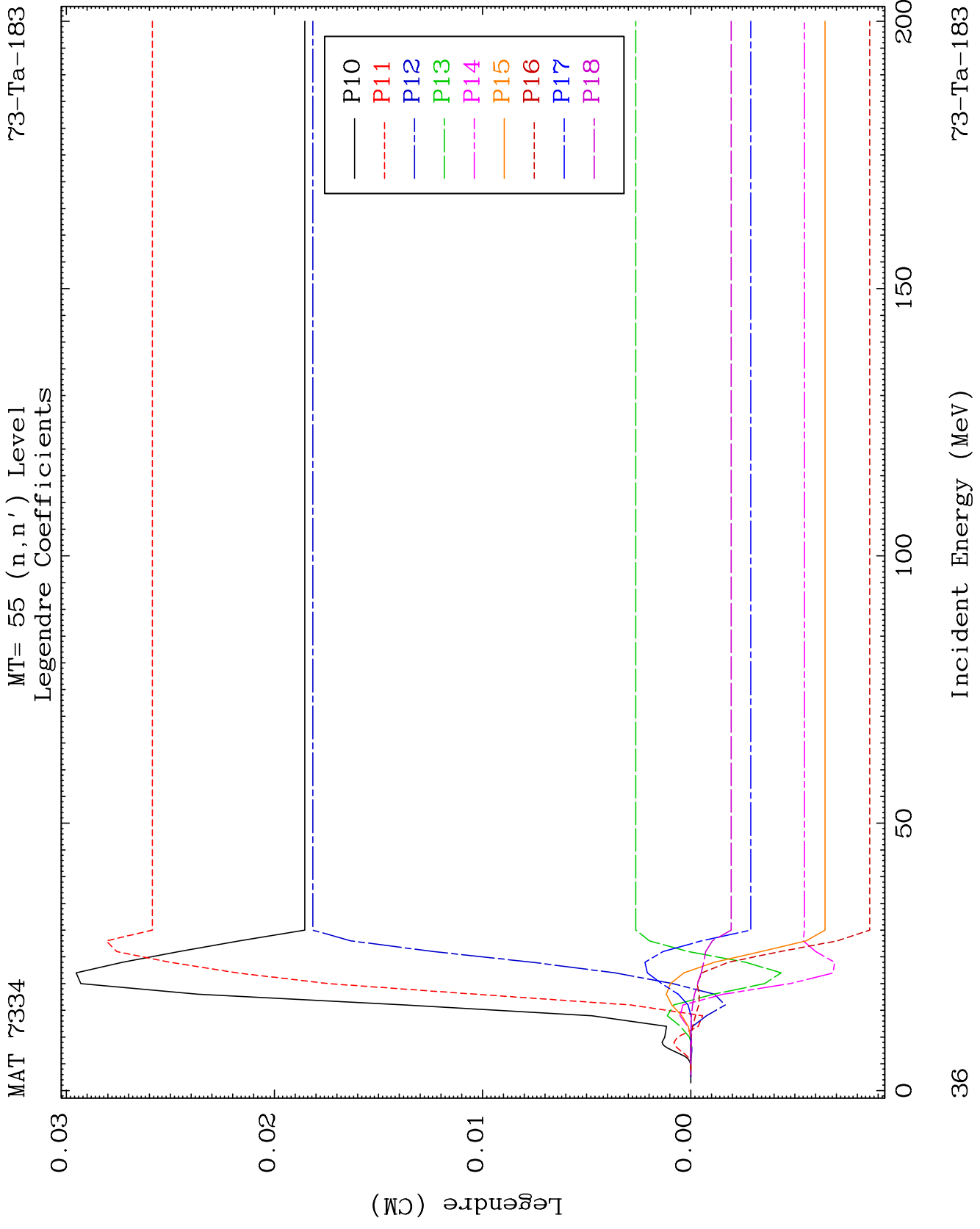
MT= 54 (n,n') Level  
Legendre Coefficients

73-Ta-183



34

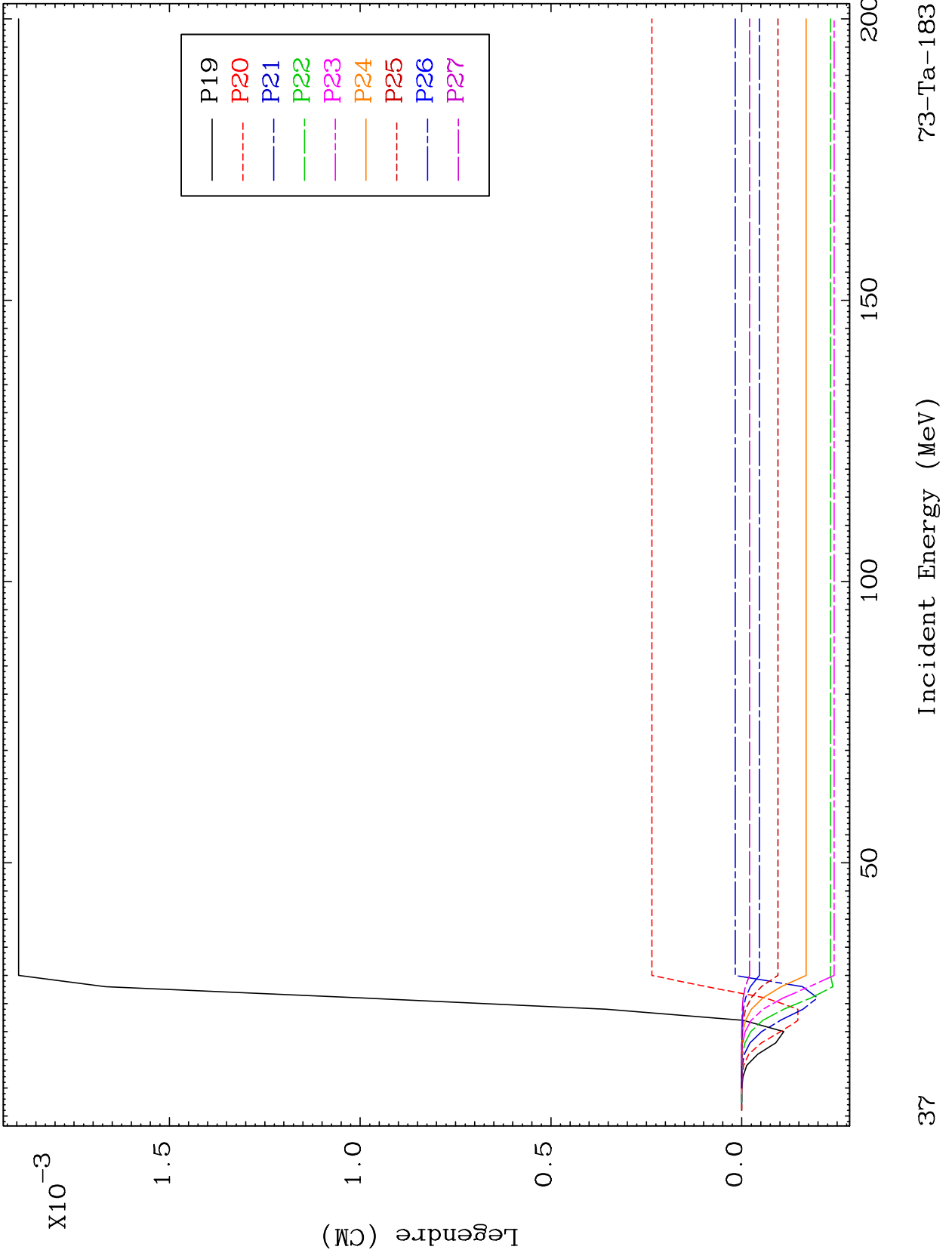




MAT 7334

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

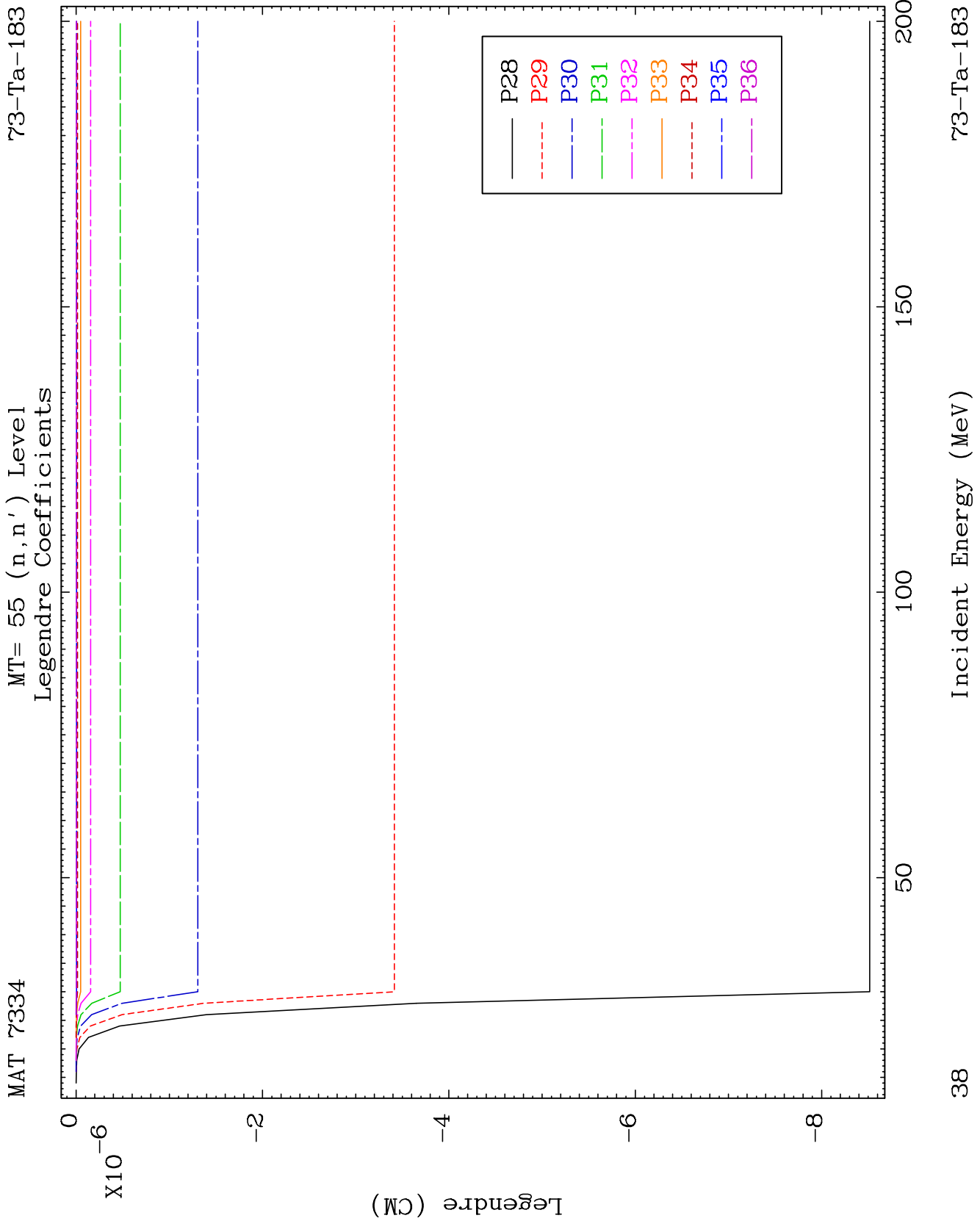
73-Ta-183



37

Incident Energy (MeV)

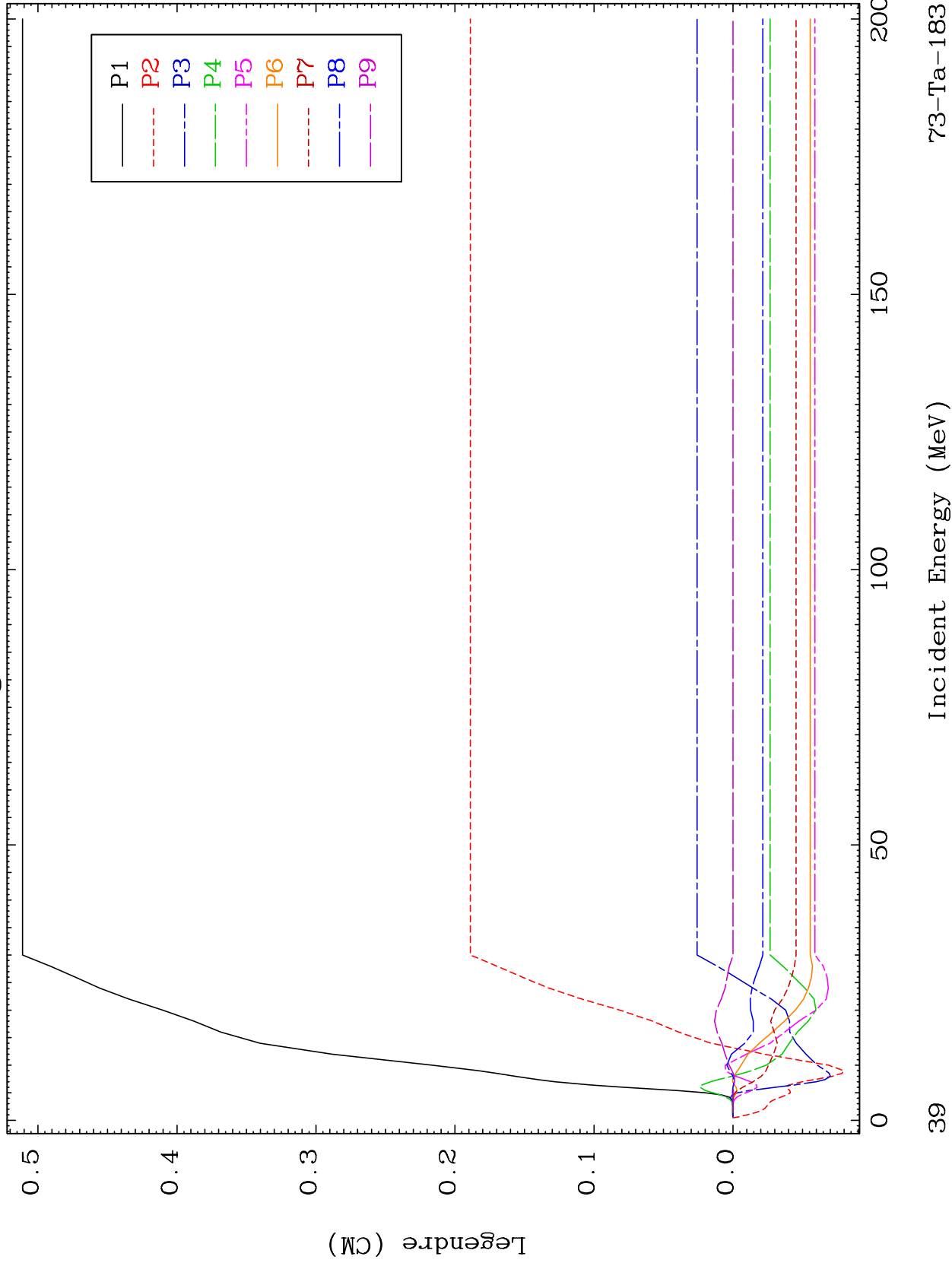
73-Ta-183



MAT 7334

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

73-Ta-183

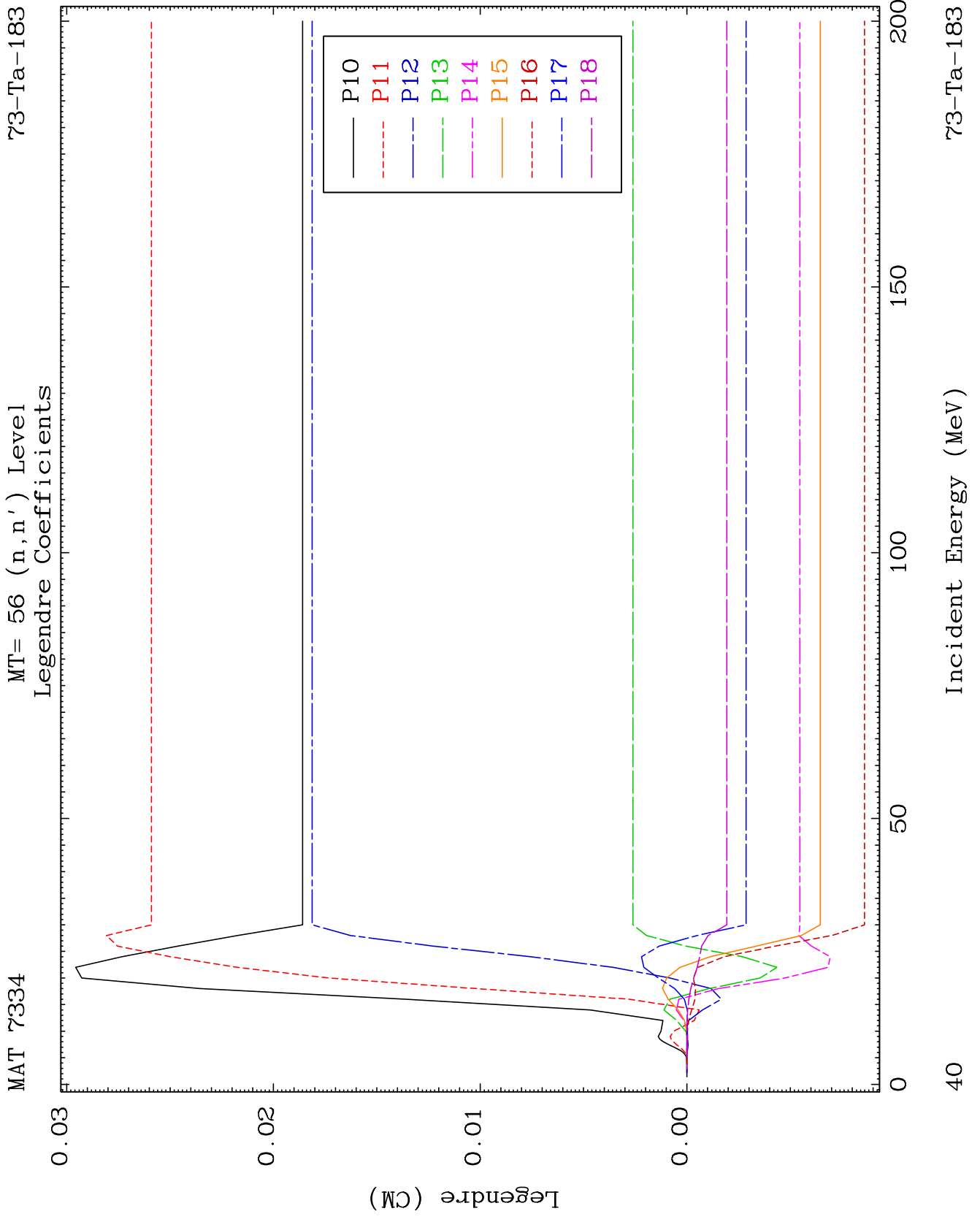


73-Ta-183

Incident Energy (MeV)

39

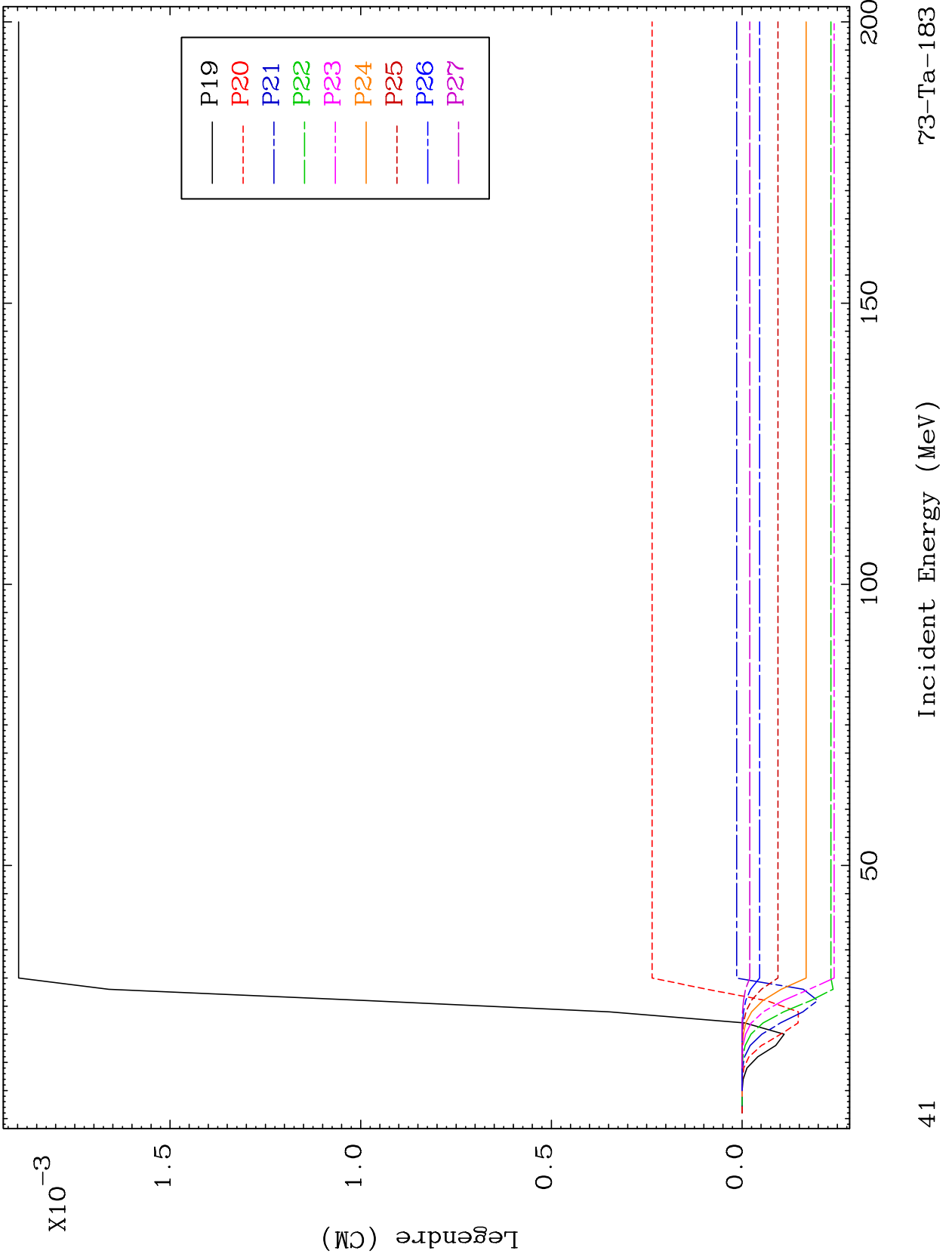


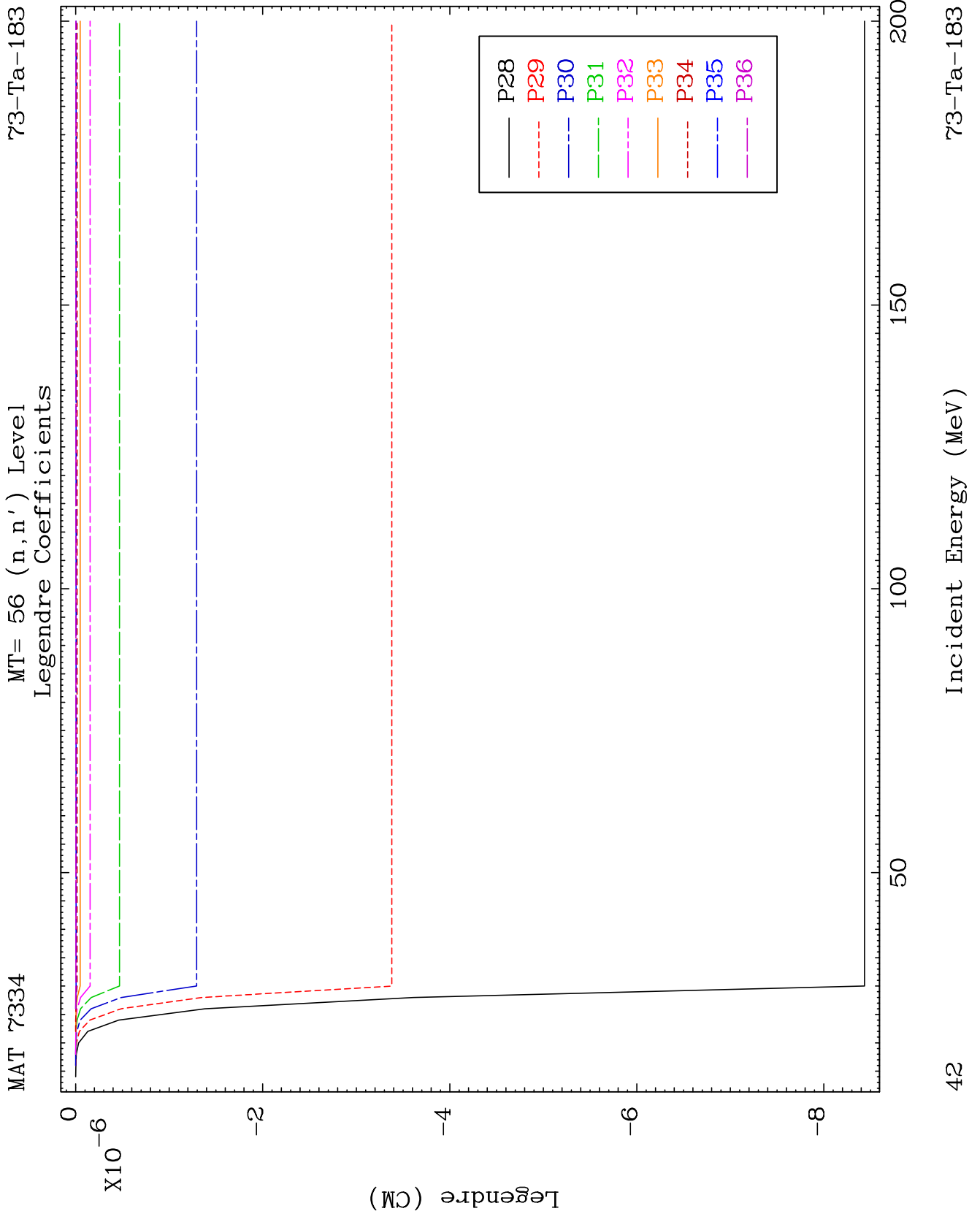


MAT 7334

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

73-Ta-183

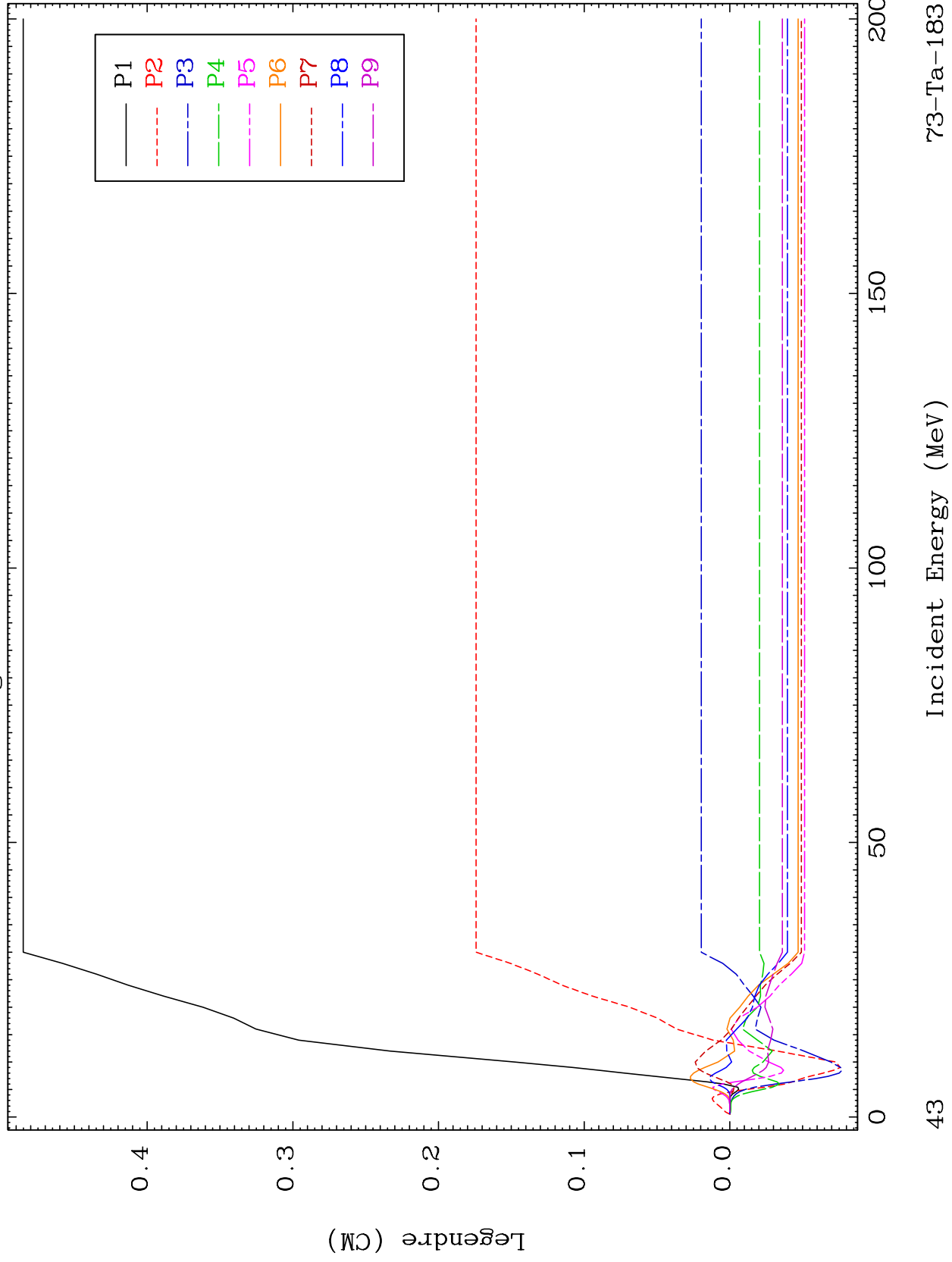




MAT 7334

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

73-Ta-183



73-Ta-183

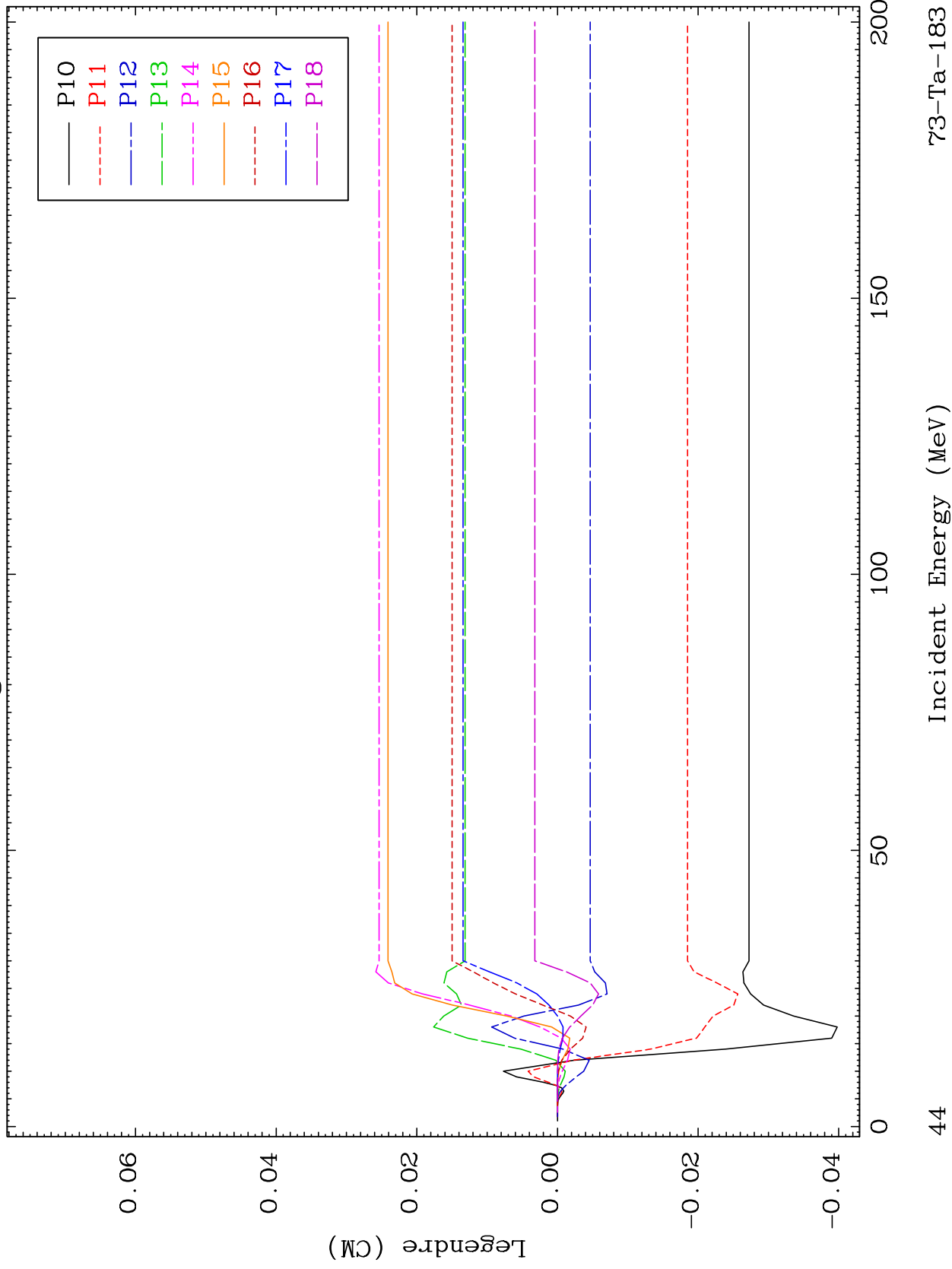
Incident Energy (MeV)

43

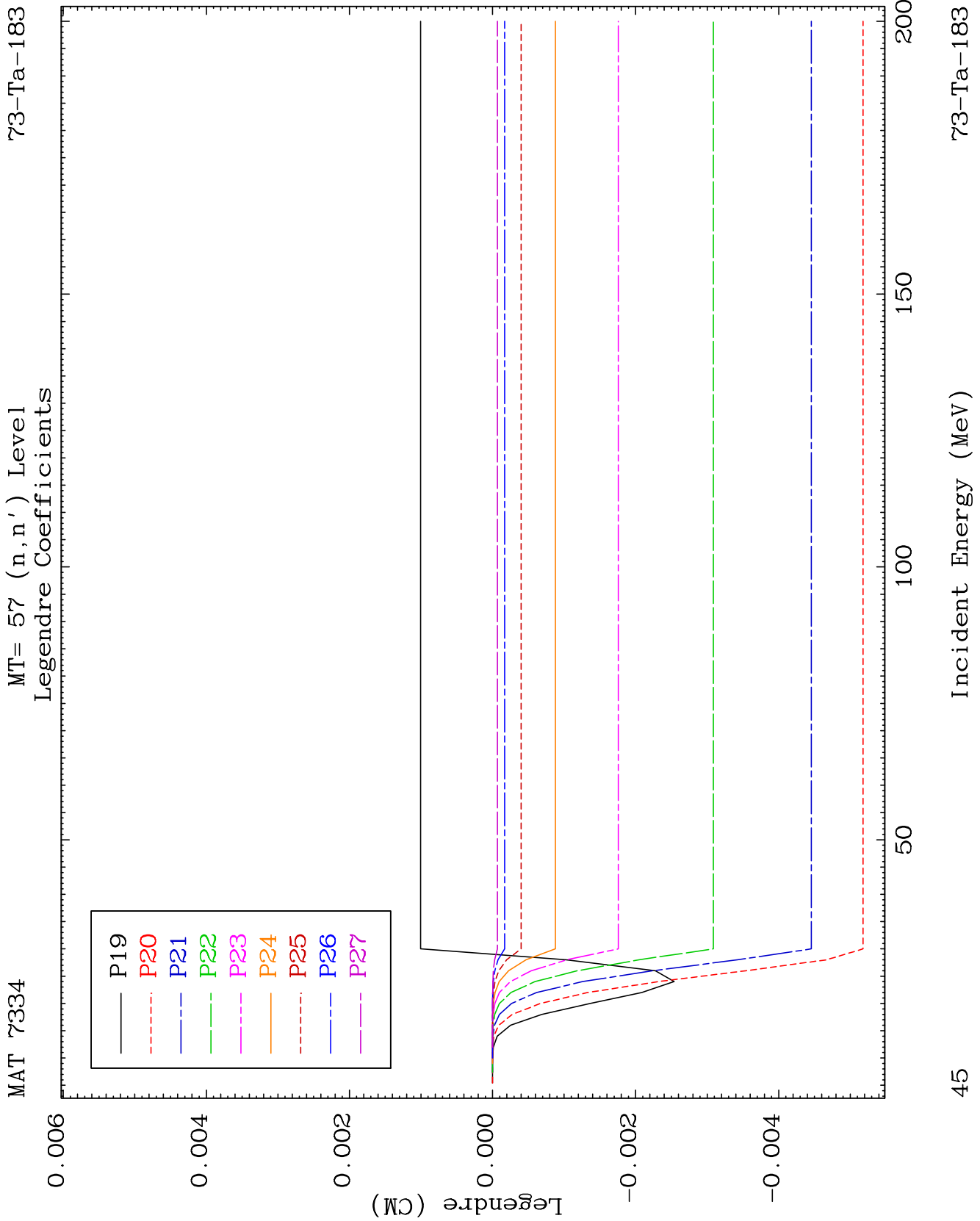
MAT 7334

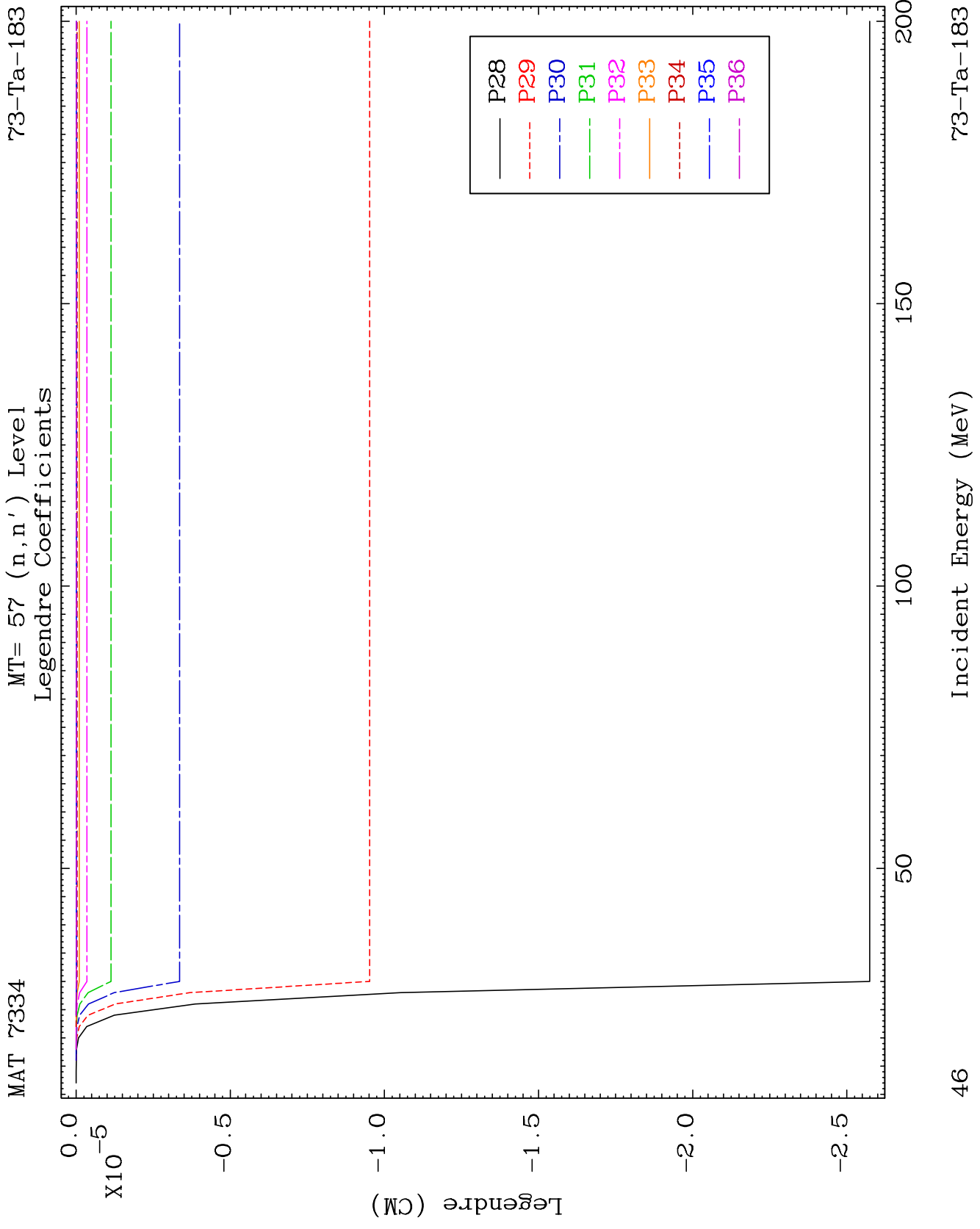
MT= 57 (n,n') Level  
Legendre Coefficients

73-Ta-183



44

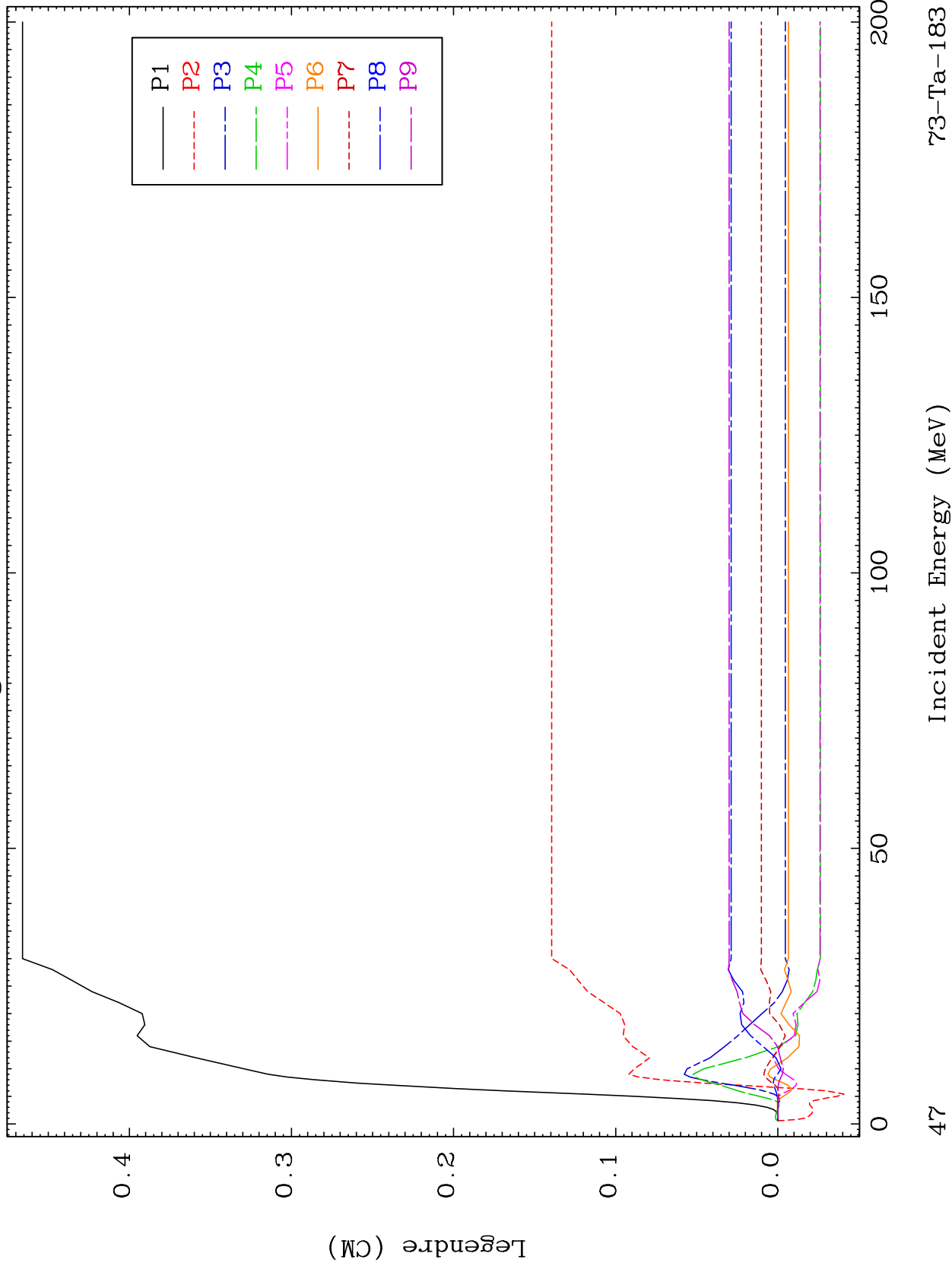




MAT 7334

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

73-Ta-183



47

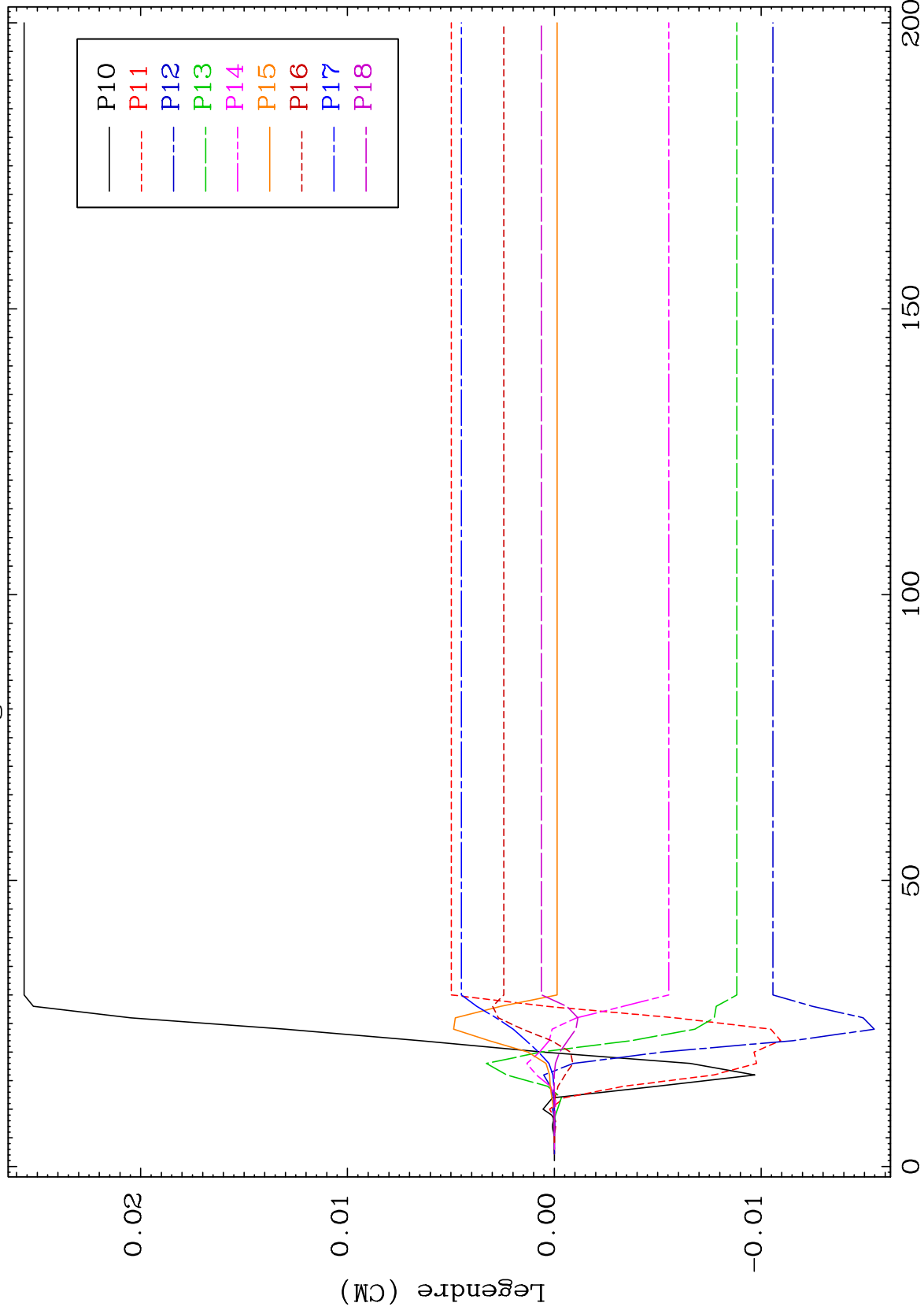
73-Ta-183



MAT 7334

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

73-Ta-183



73-Ta-183

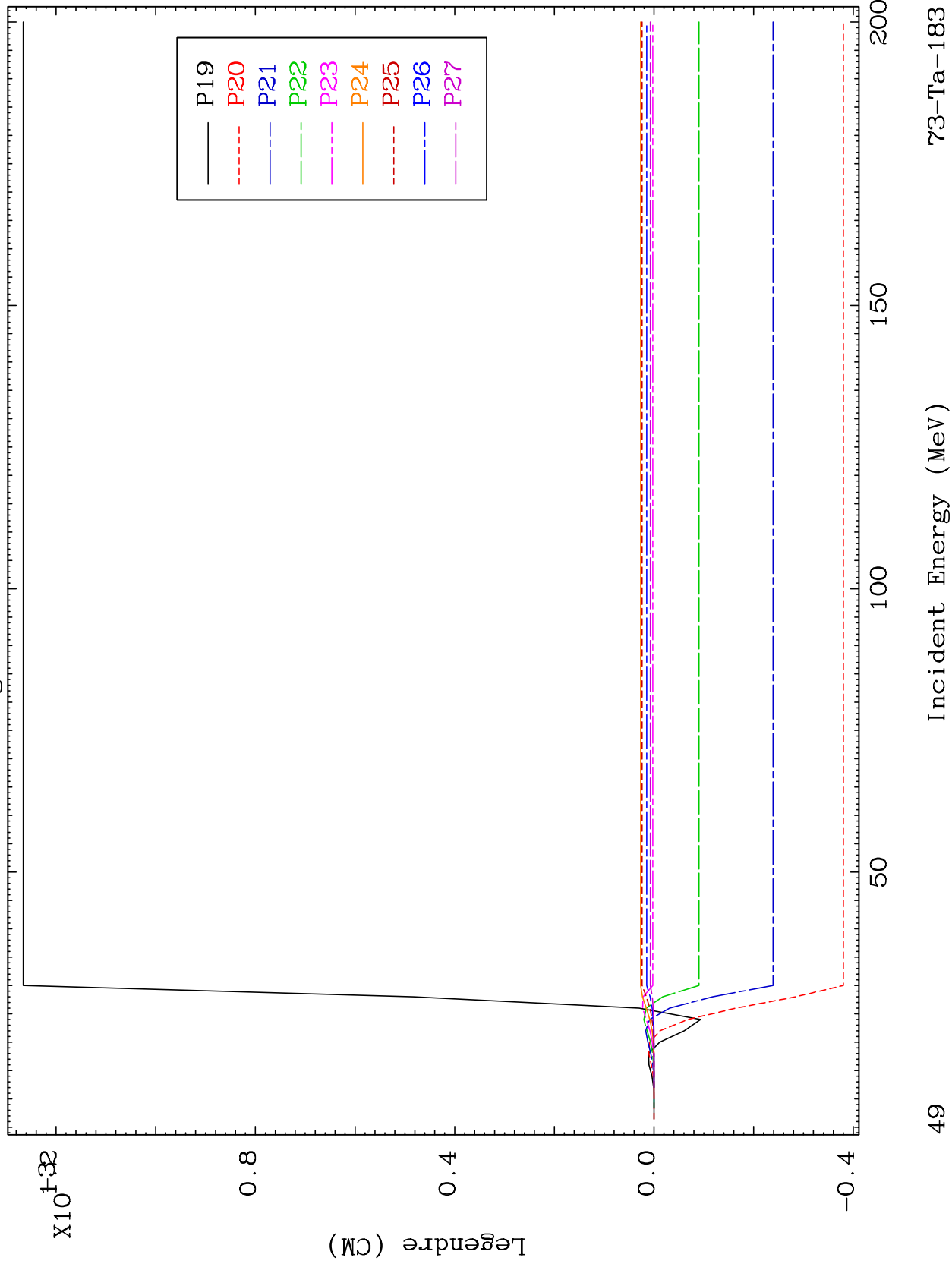
Incident Energy (MeV)

48

MAT 7334

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

73-Ta-183



49

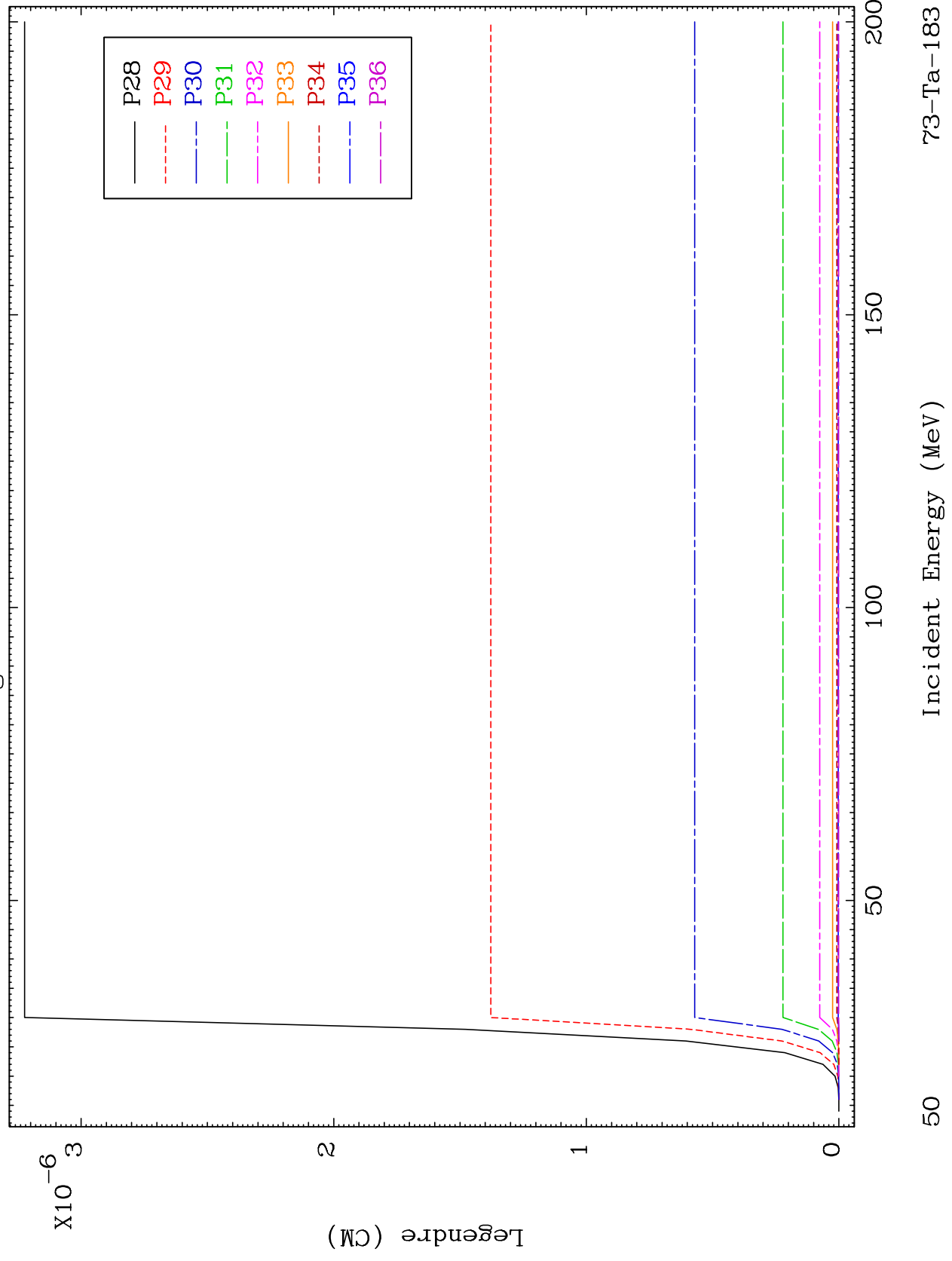
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

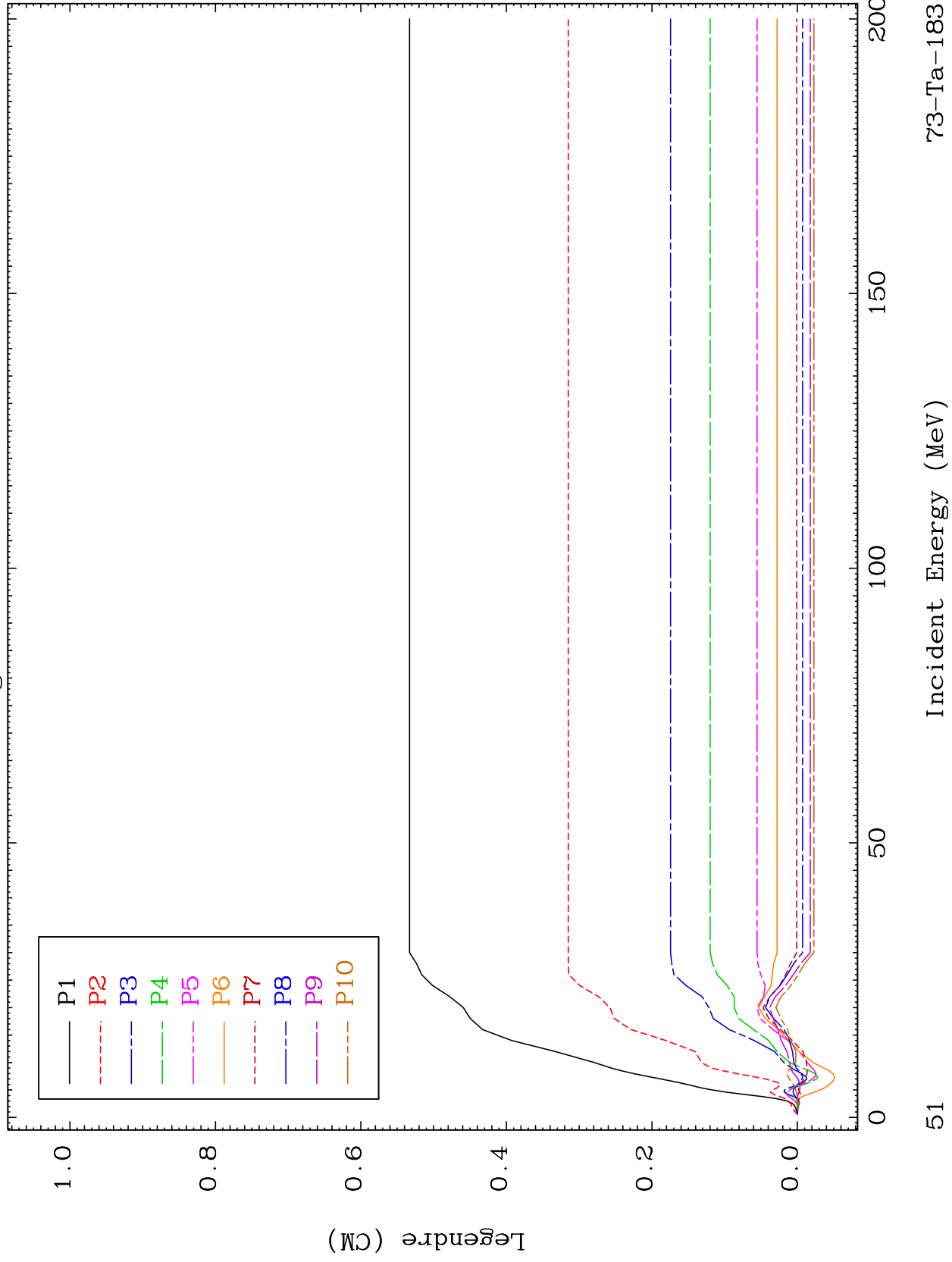
73-Ta-183



MAT 7334

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

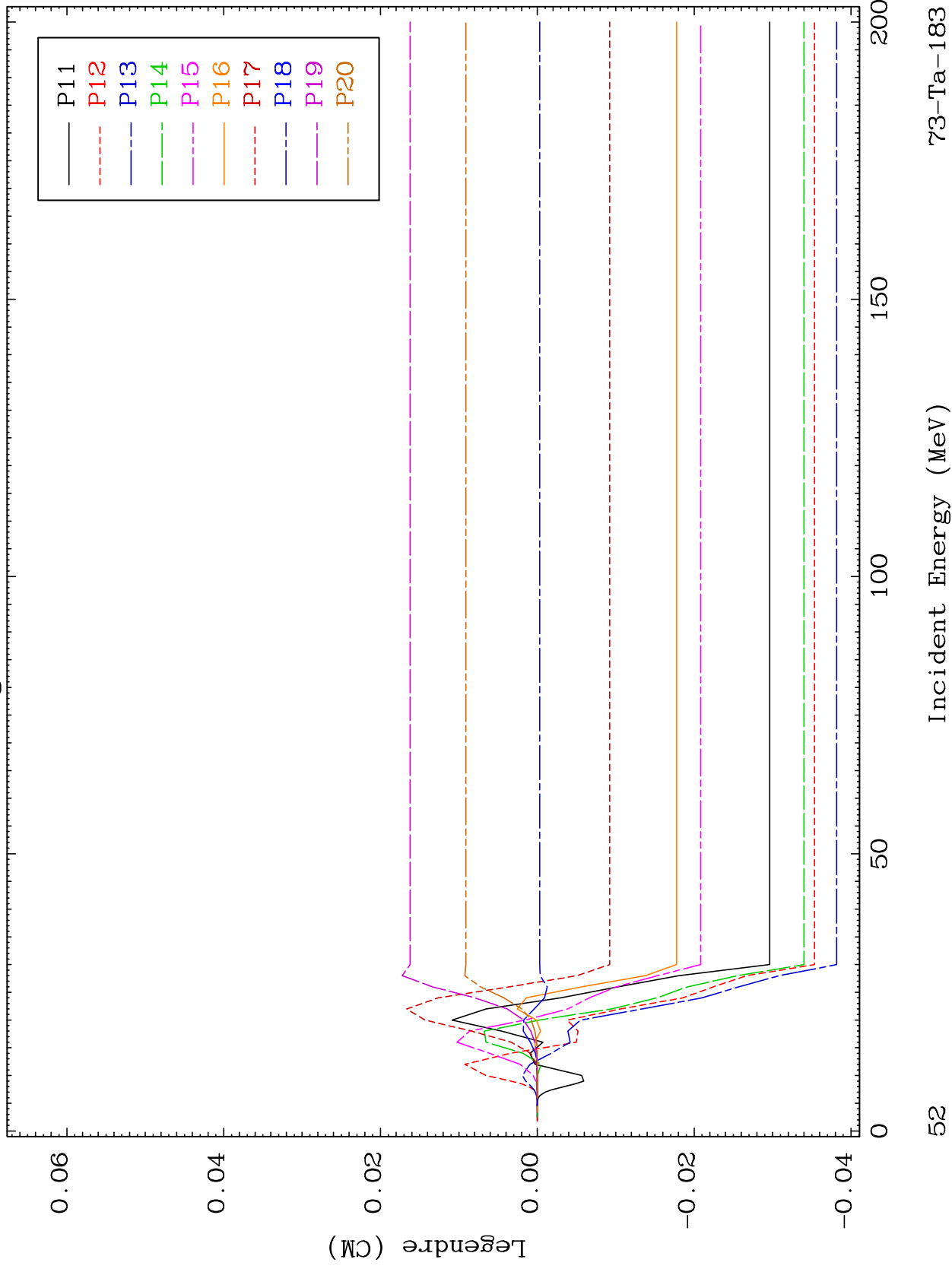
<sup>73</sup>Ta-183



MAT 7334

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

73-Ta-183



73-Ta-183

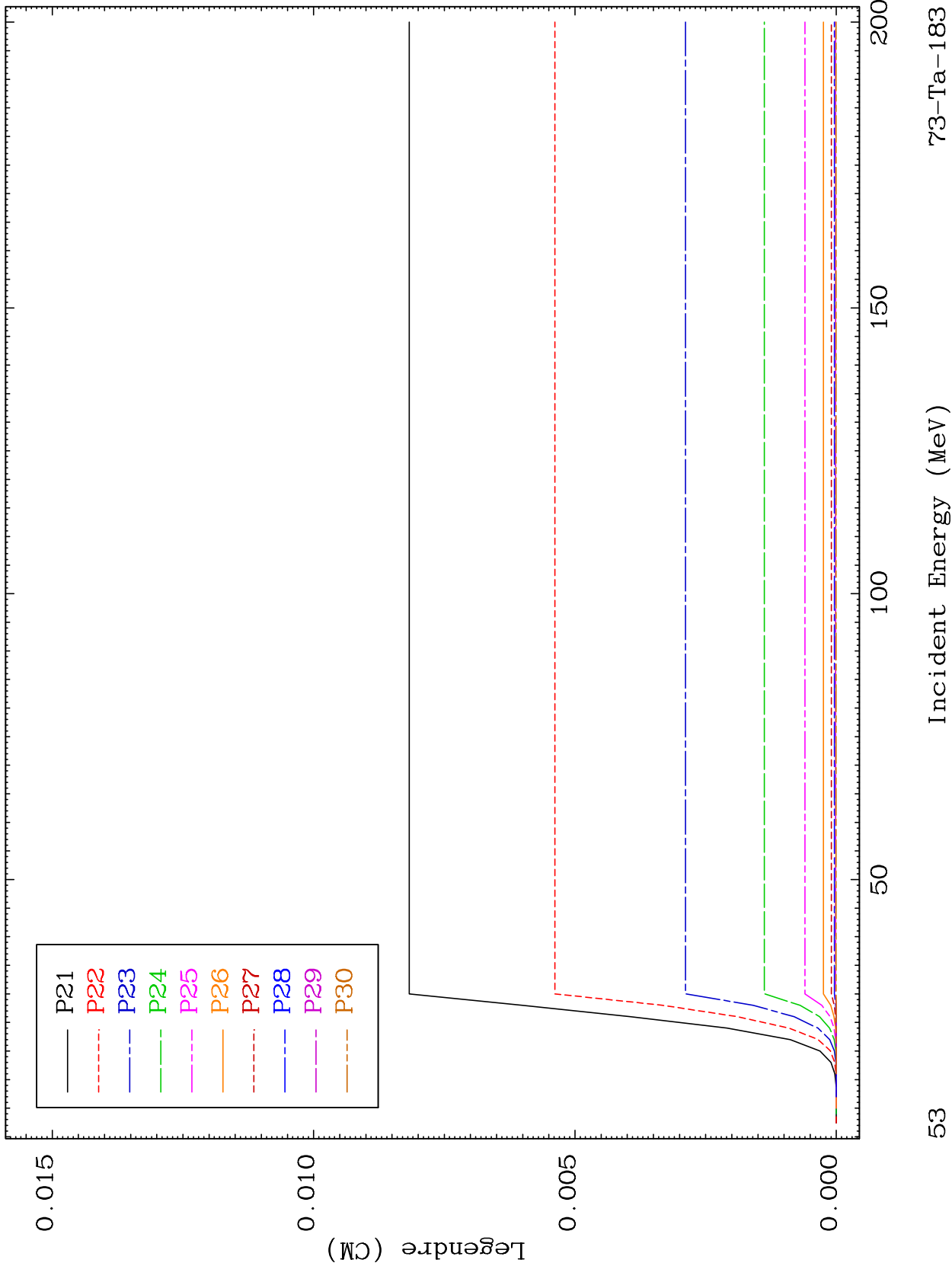
Incident Energy (MeV)

52

MAT 7334

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

73-Ta-183



53

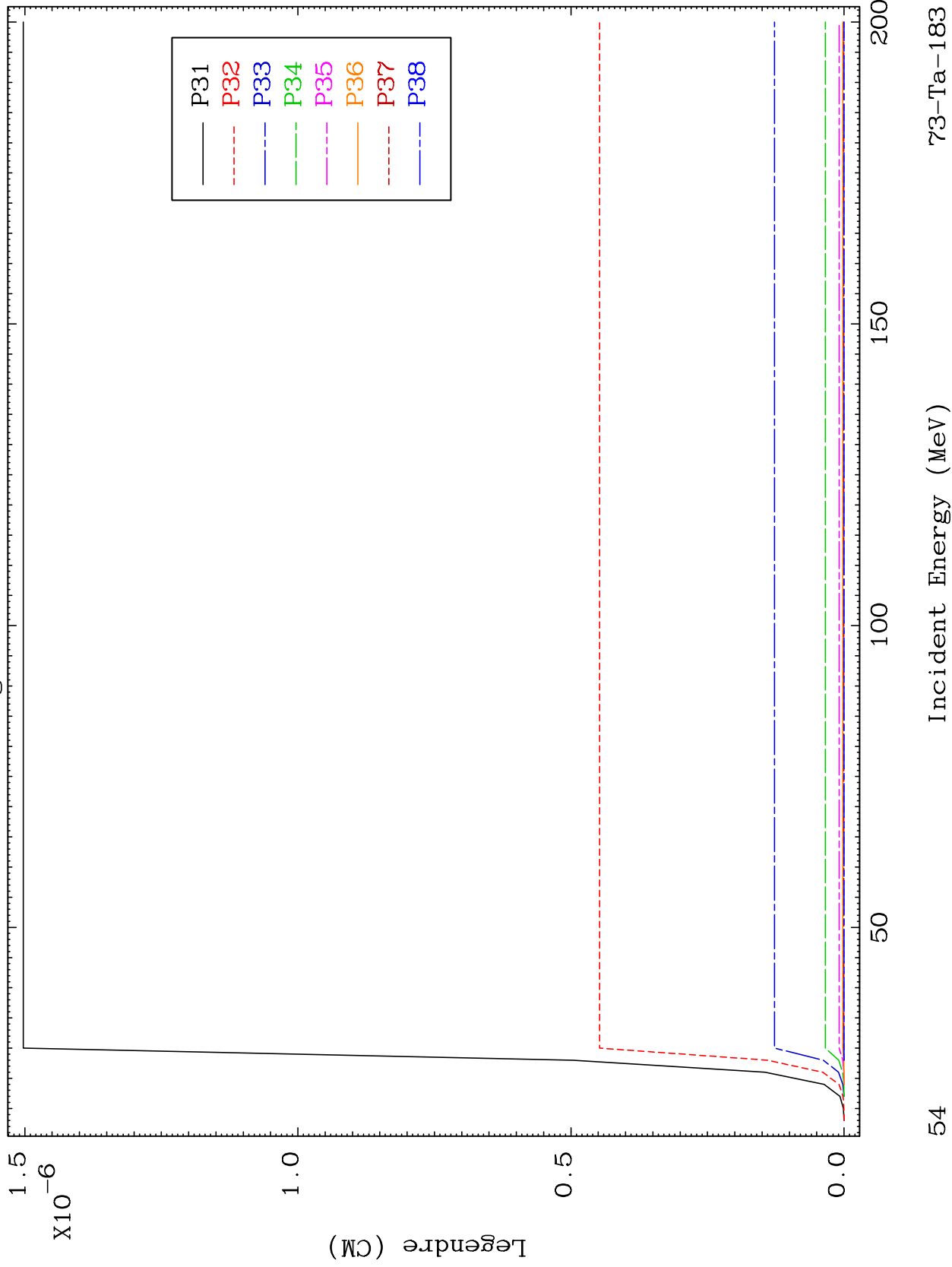
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



54

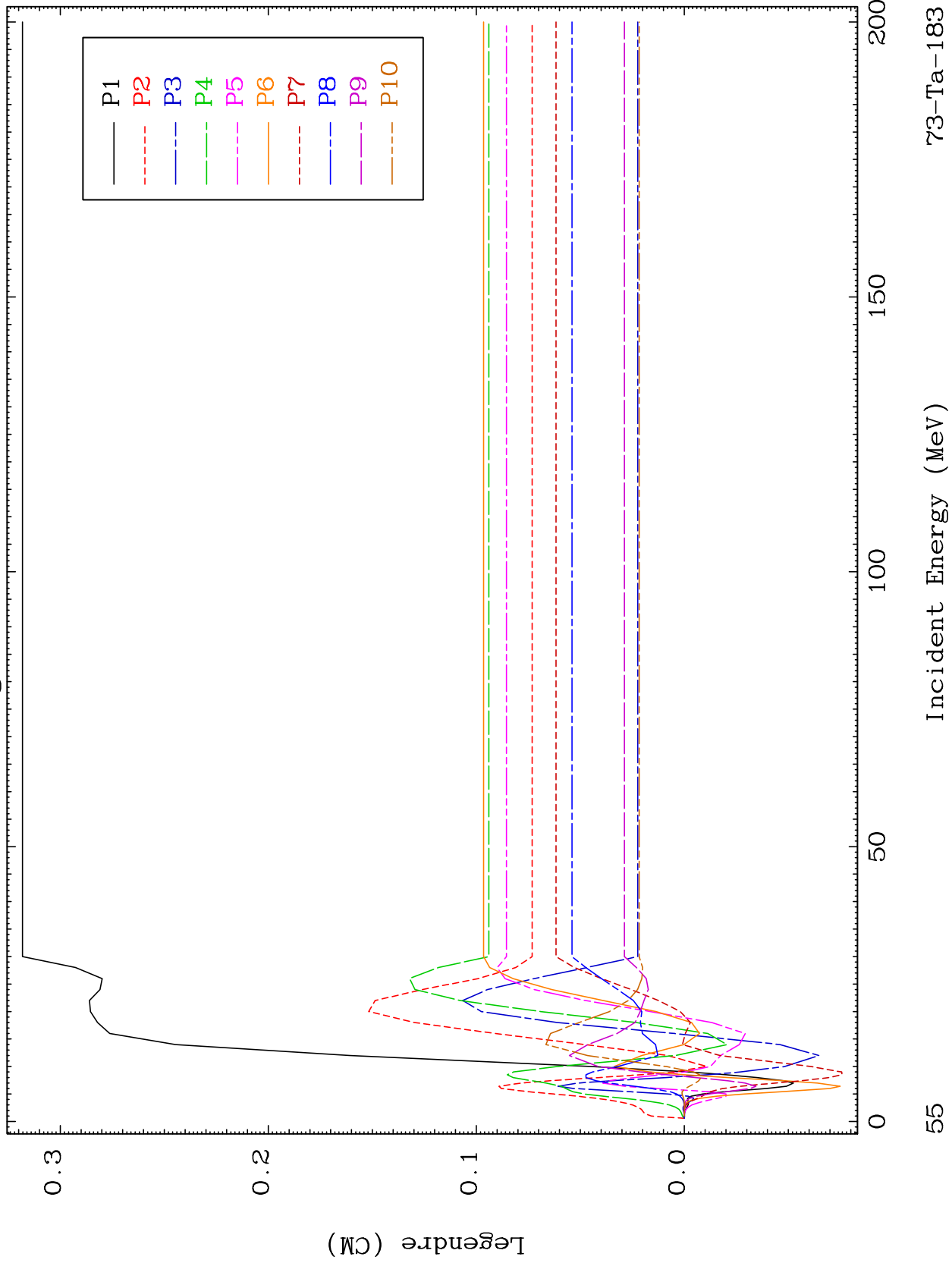
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183

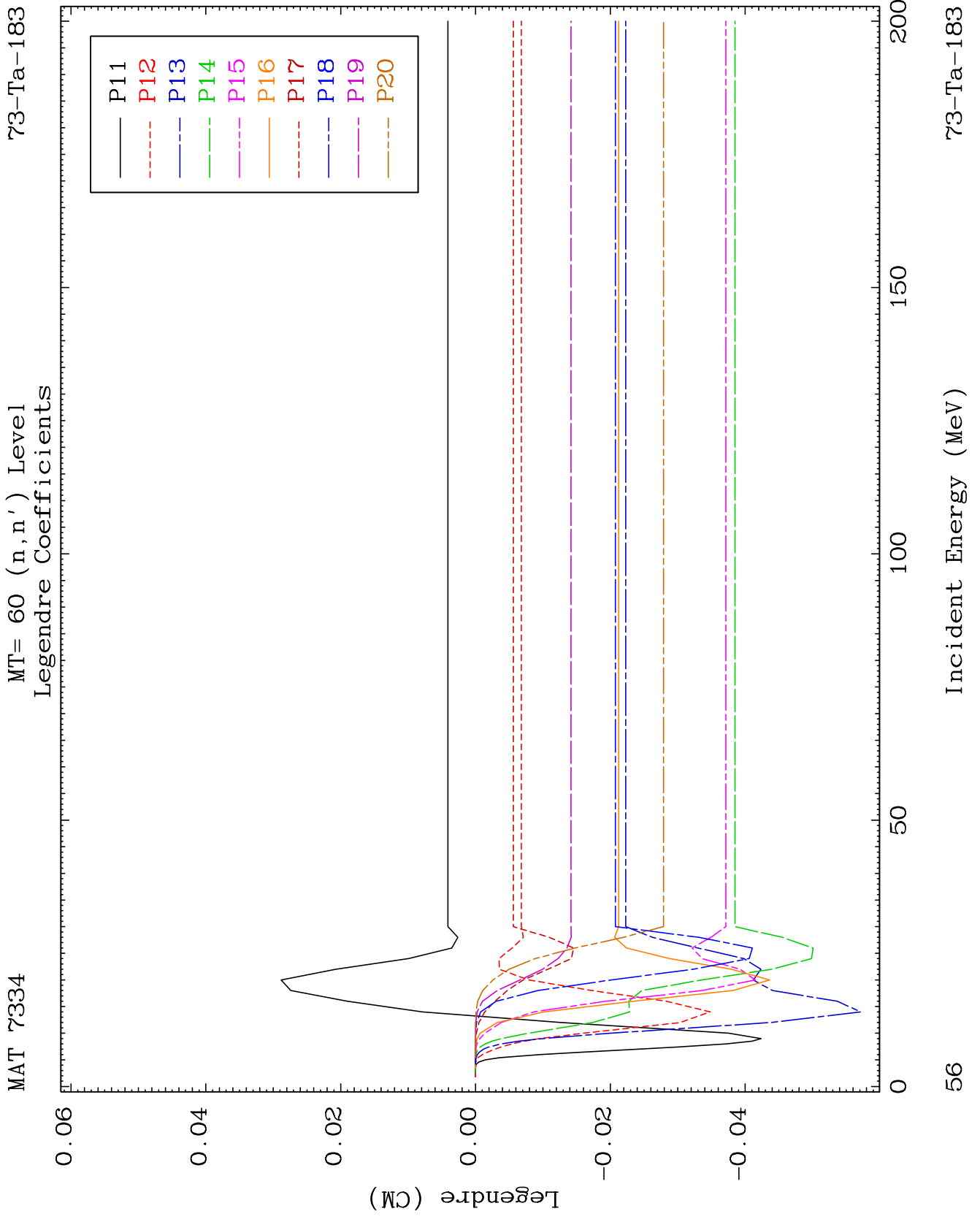


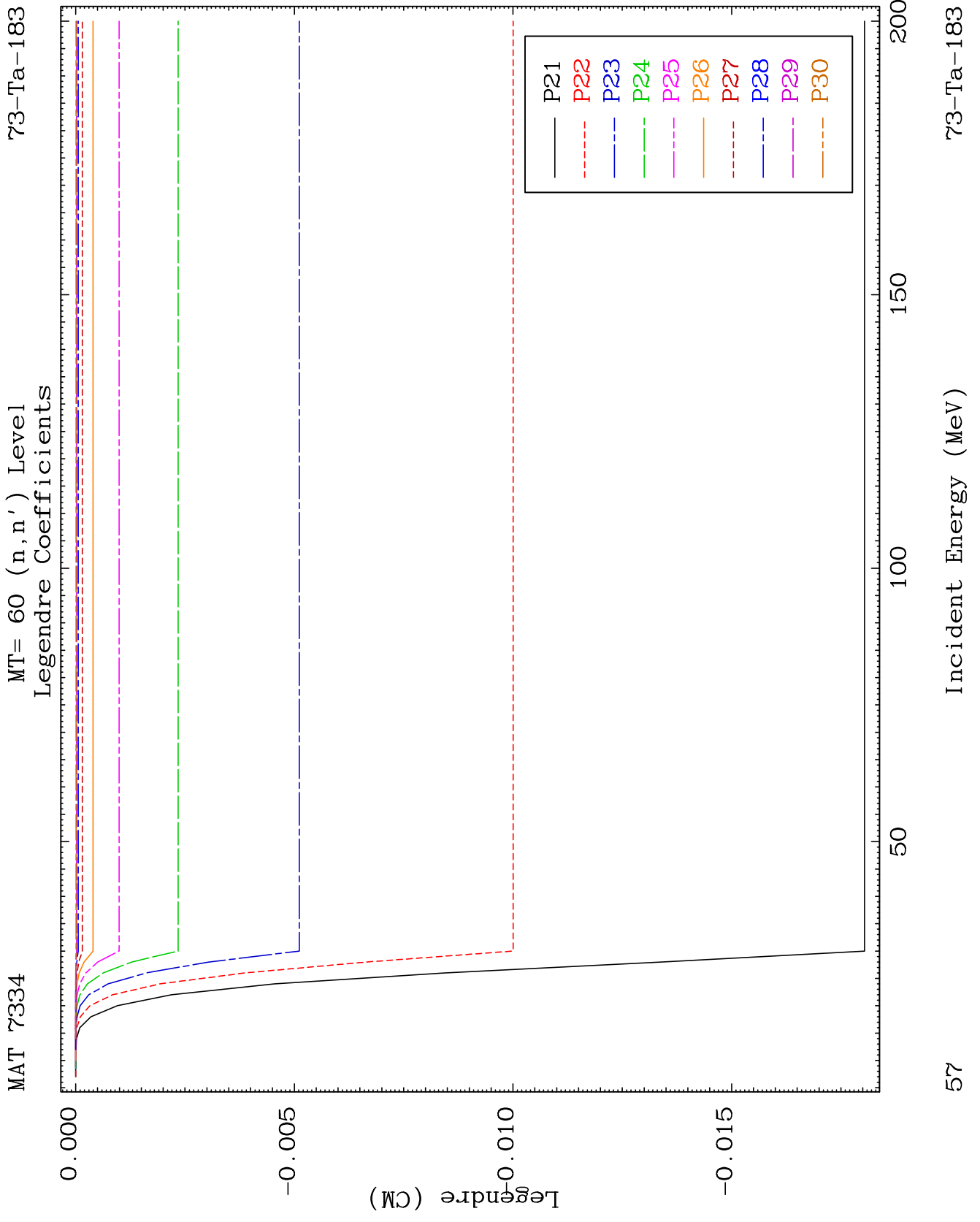
73-Ta-183

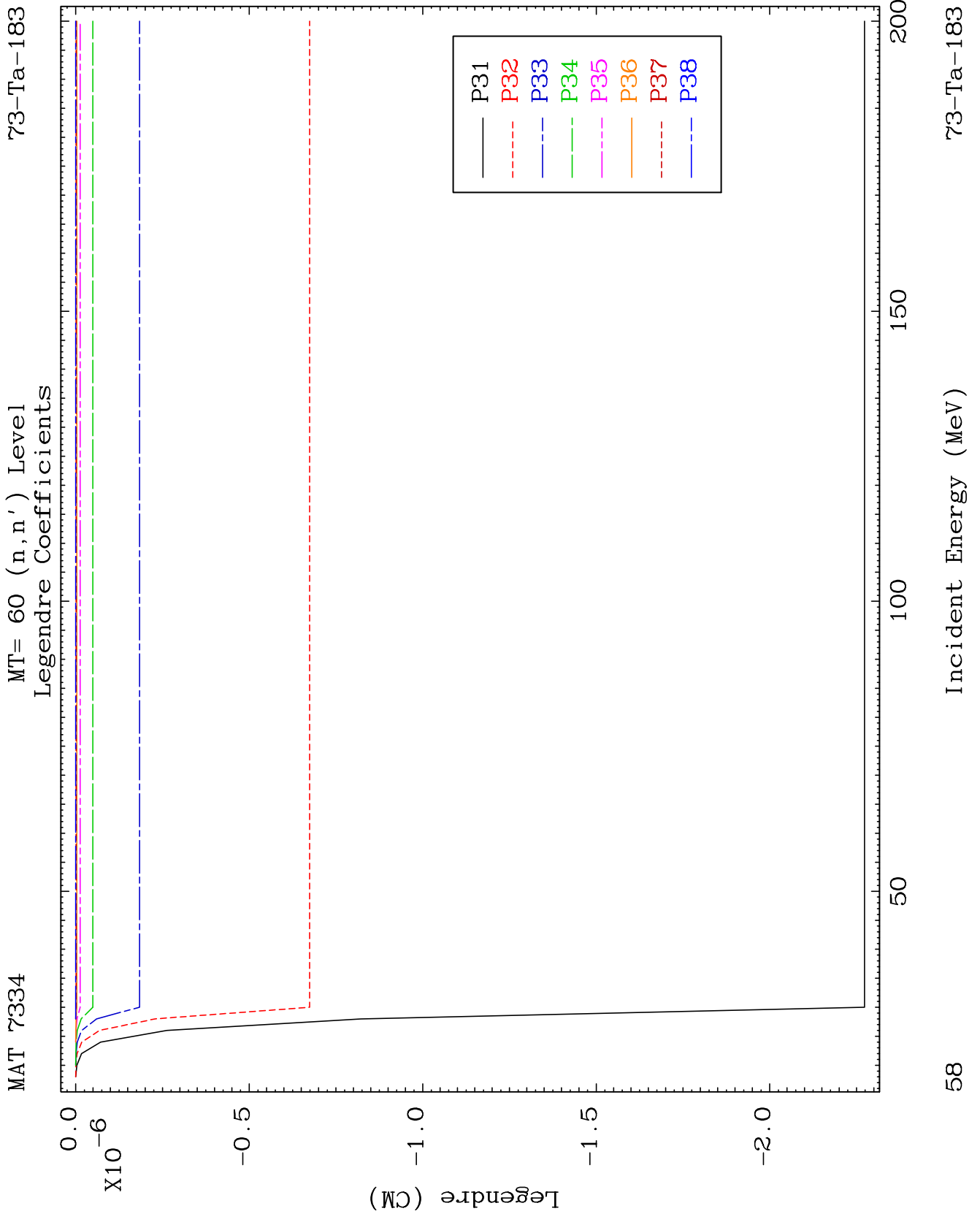
Incident Energy (MeV)

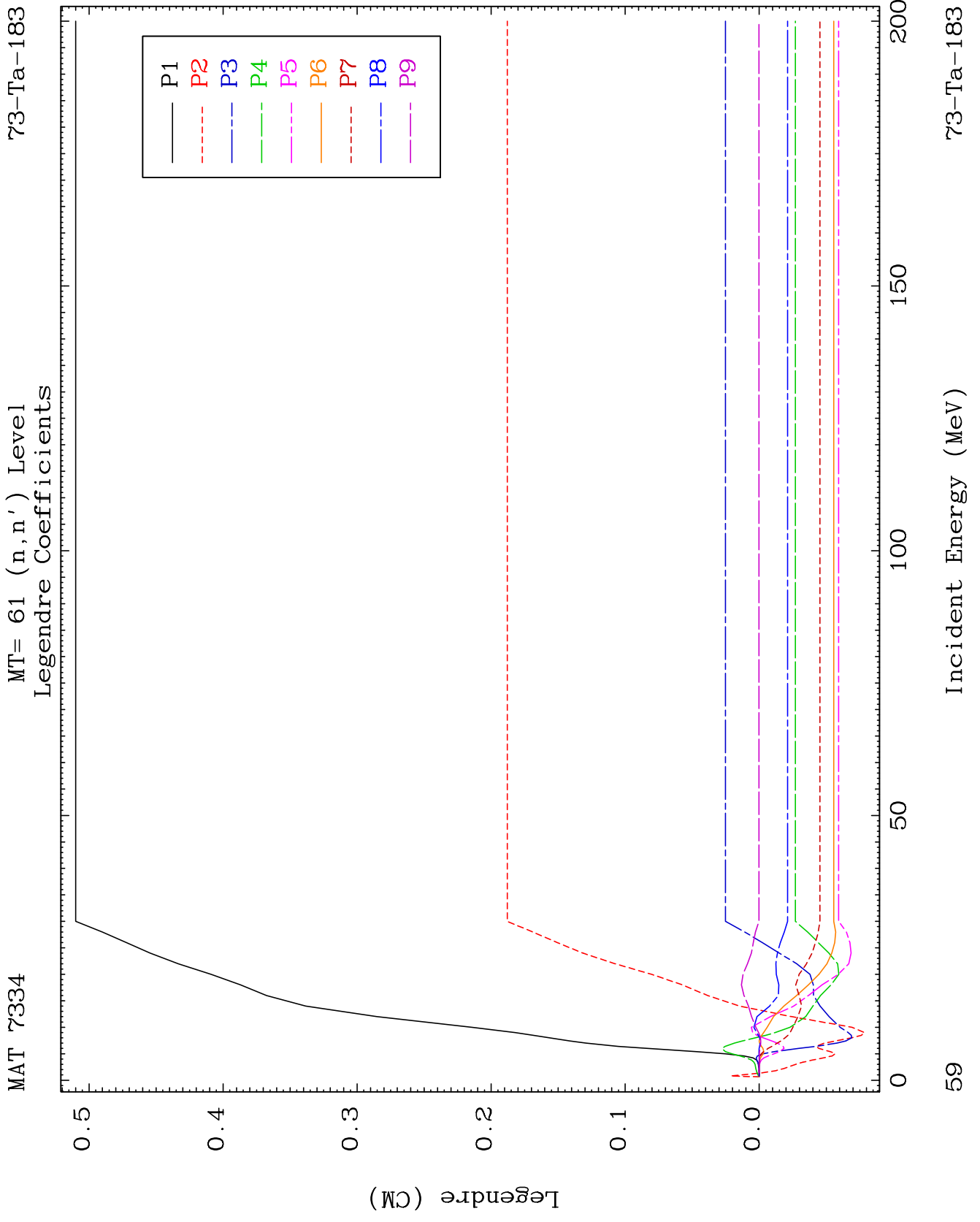
55

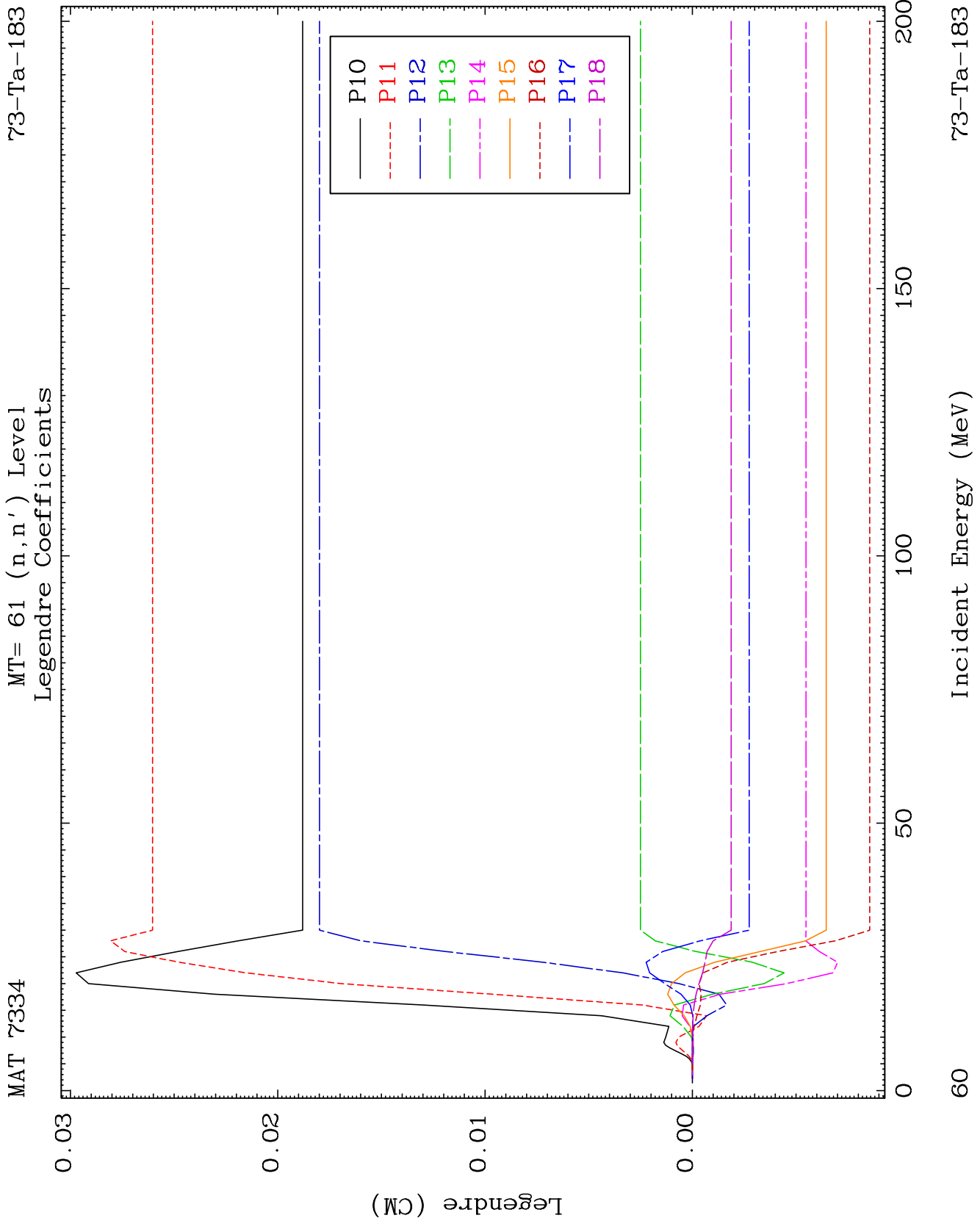








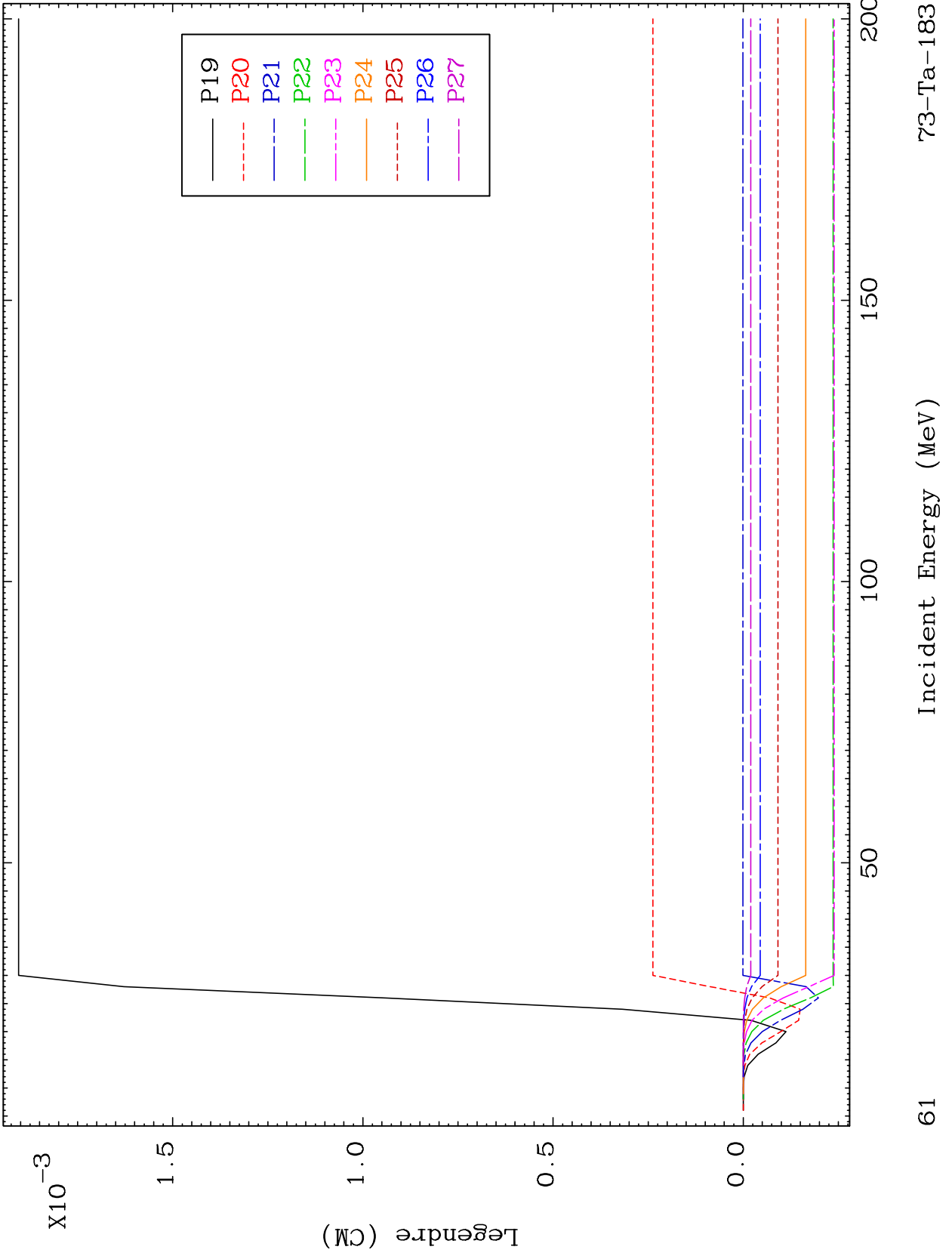


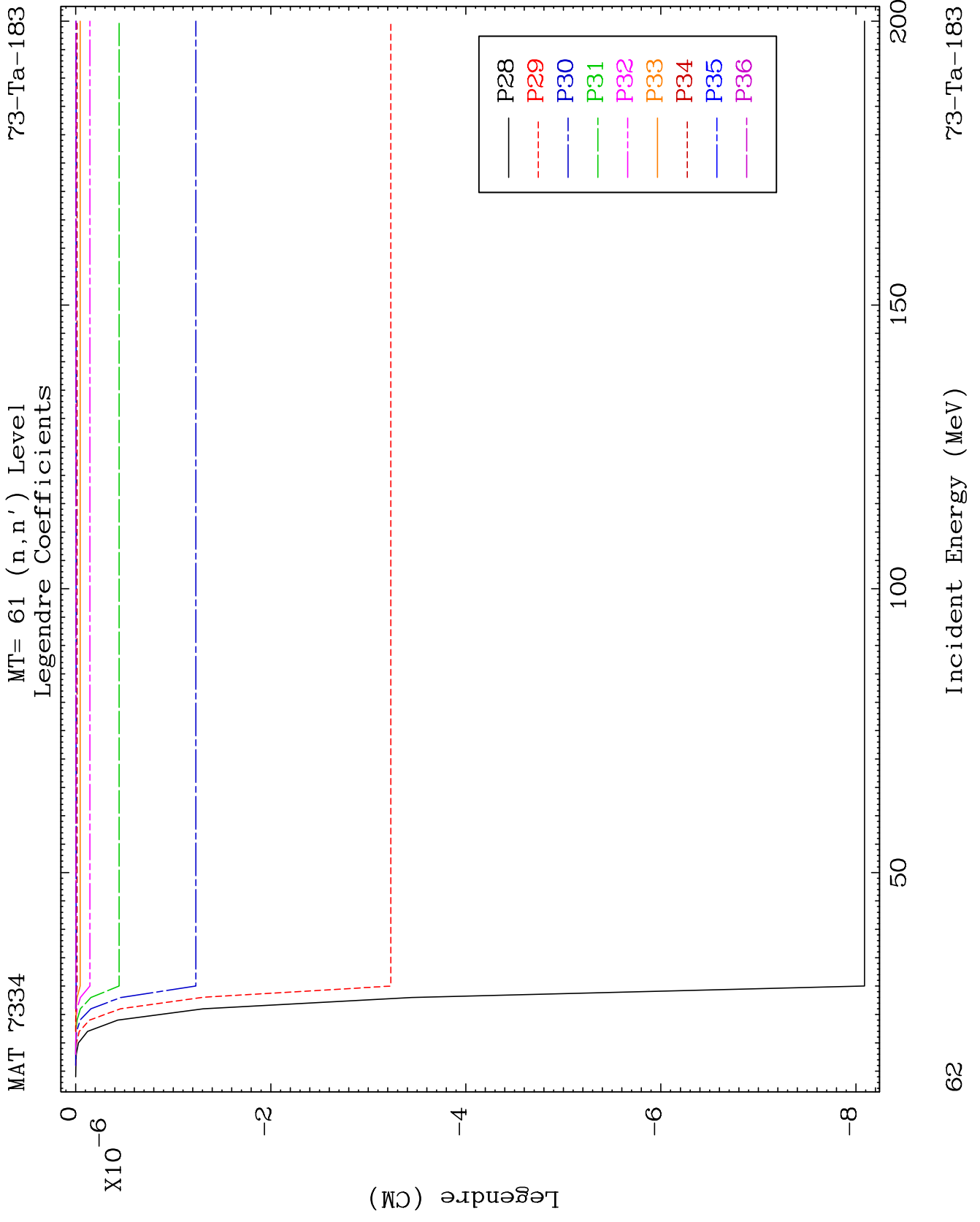


MAT 7334

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

73-Ta-183

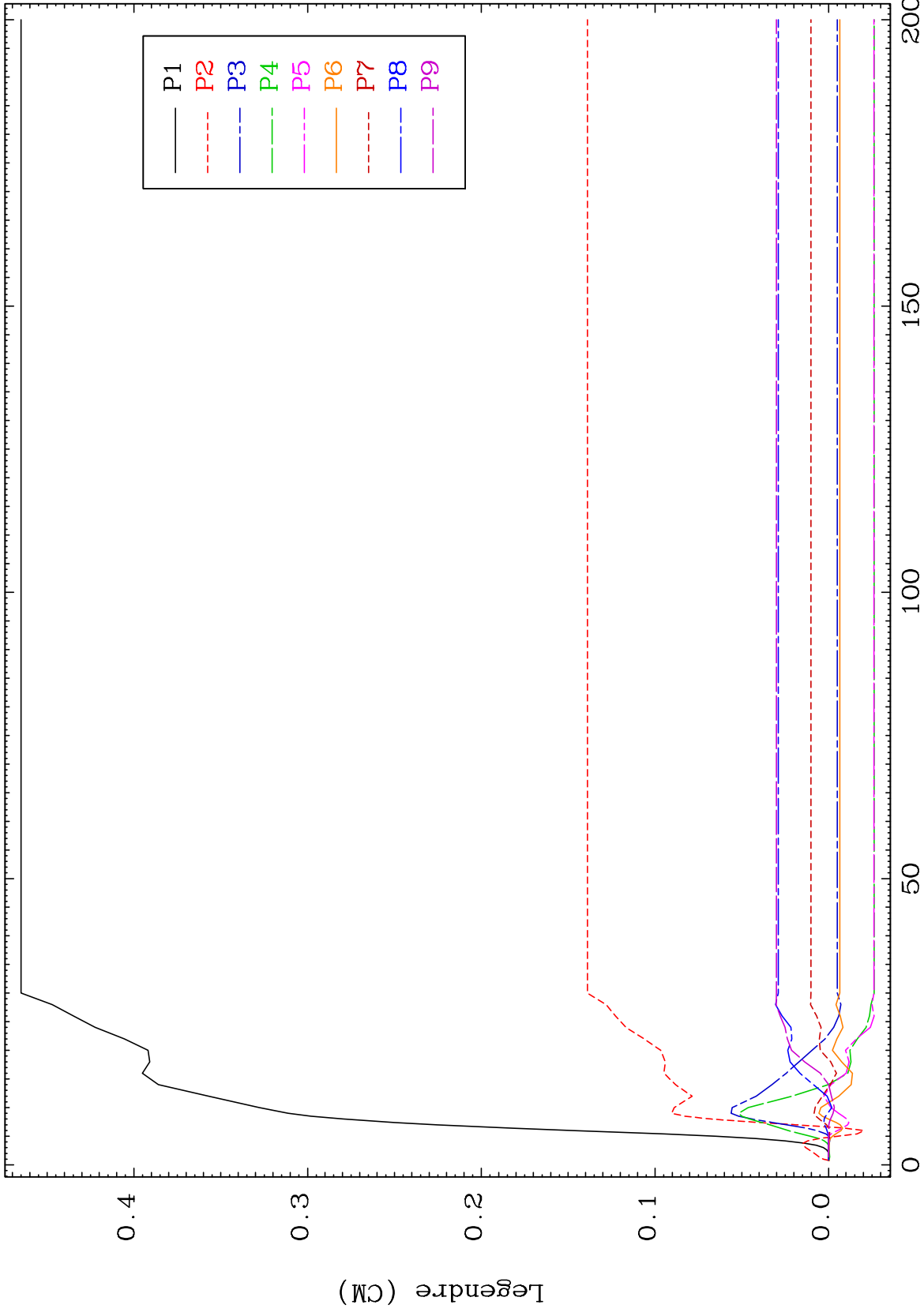




MAT 7334

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

73-Ta-183



63

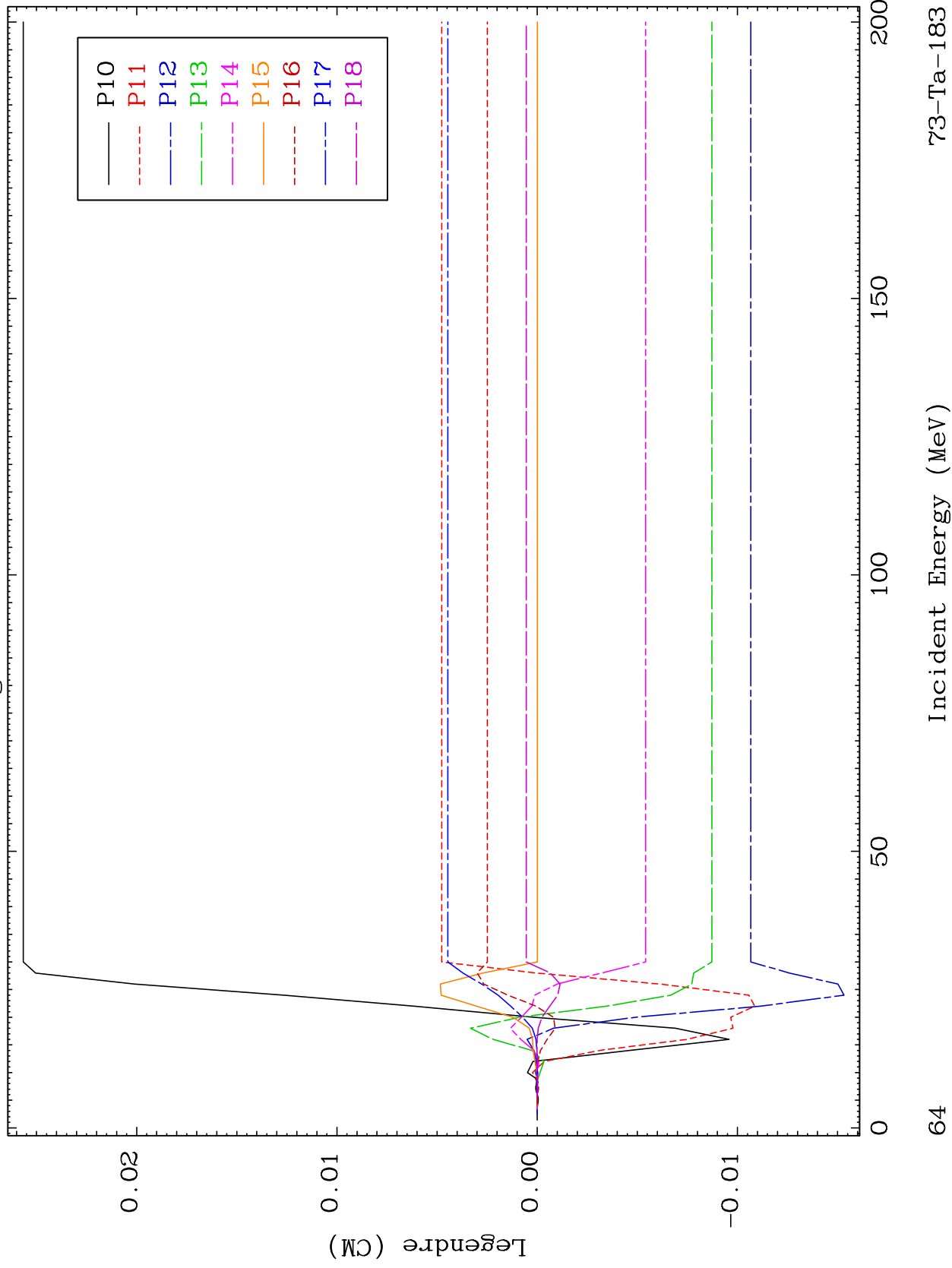
73-Ta-183



MAT 7334

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

73-Ta-183



73-Ta-183

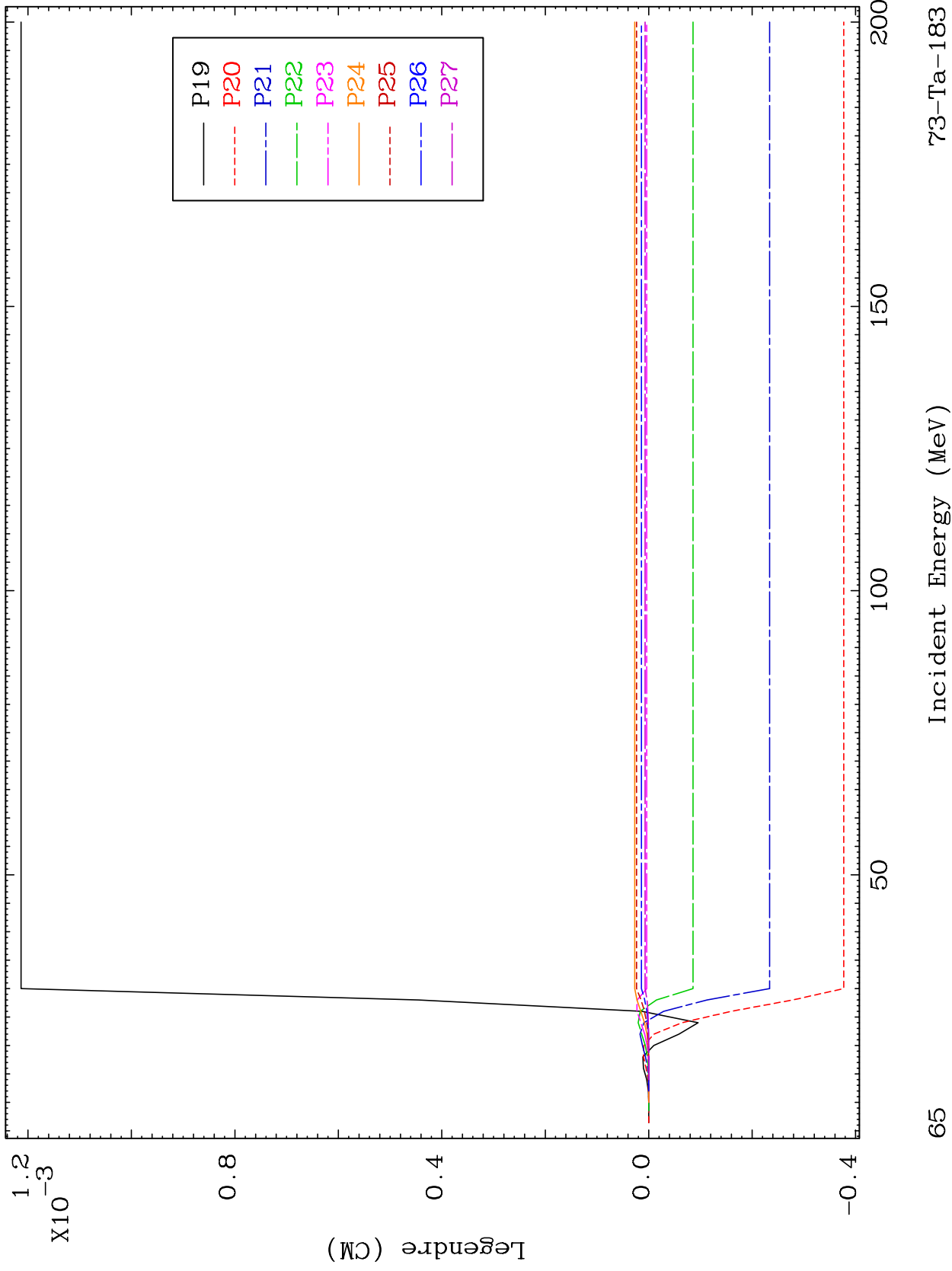
Incident Energy (MeV)

64

MAT 7334

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

73-Ta-183



65

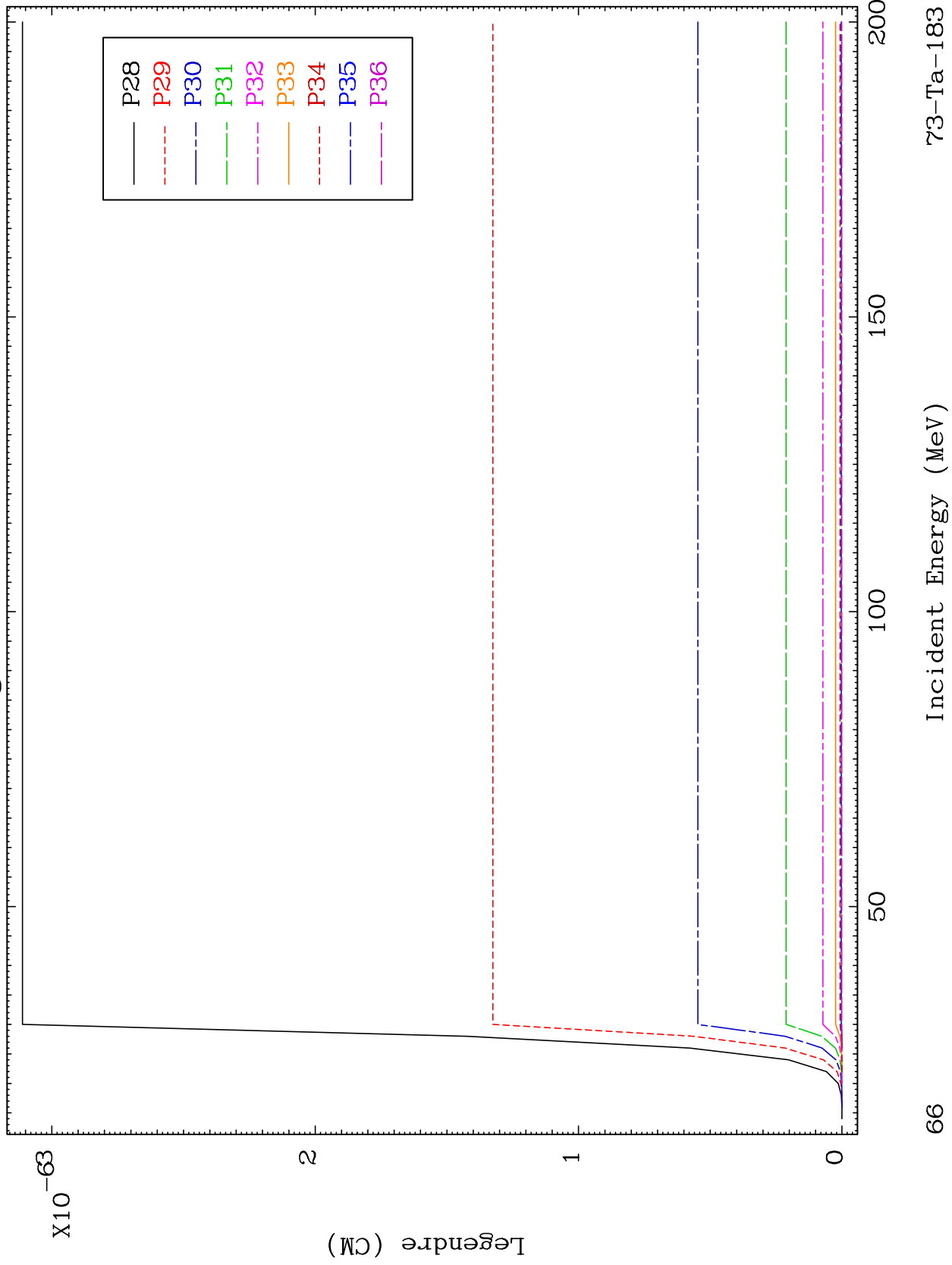
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

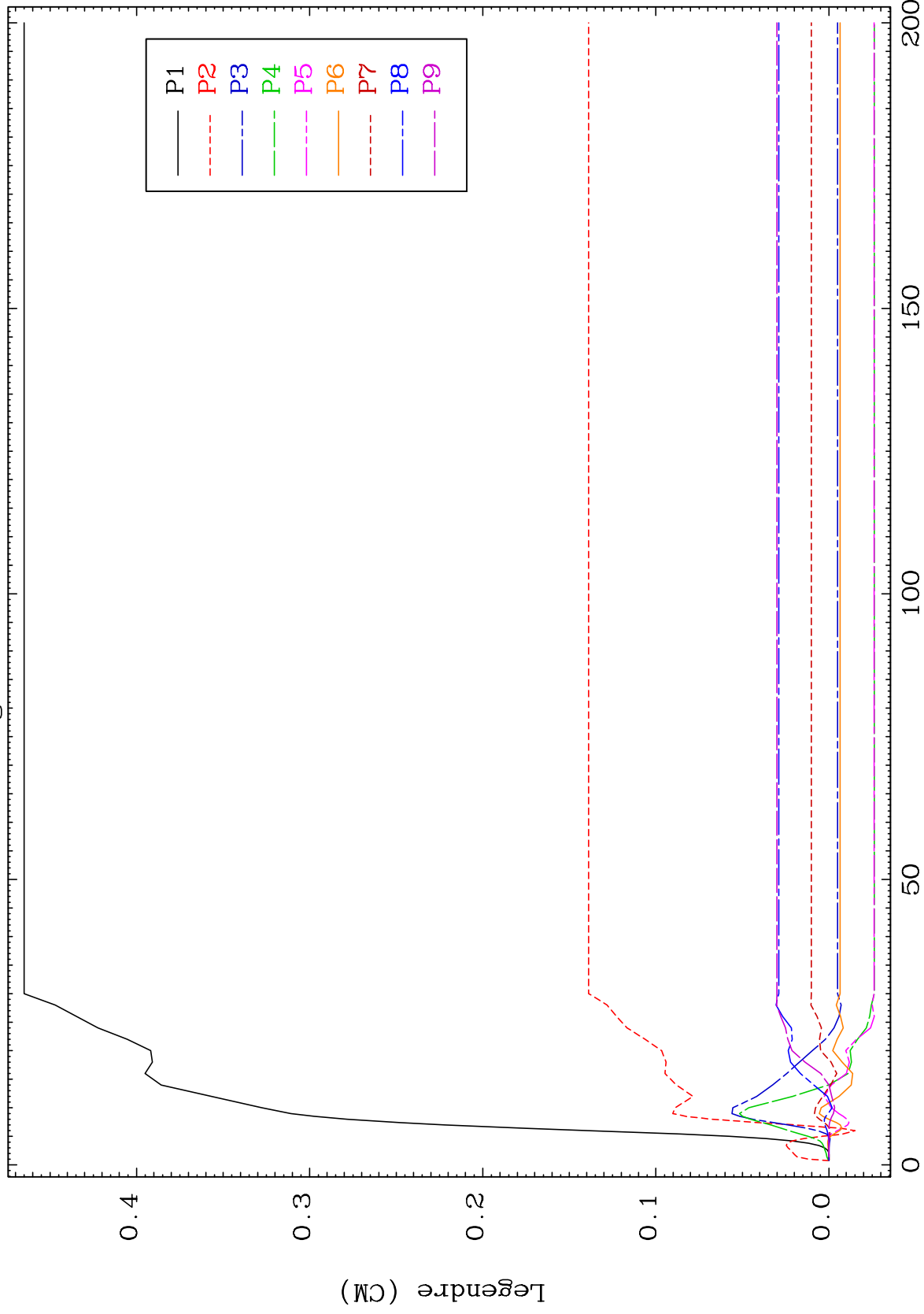
73-Ta-183



MAT 7334

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

73-Ta-183



67

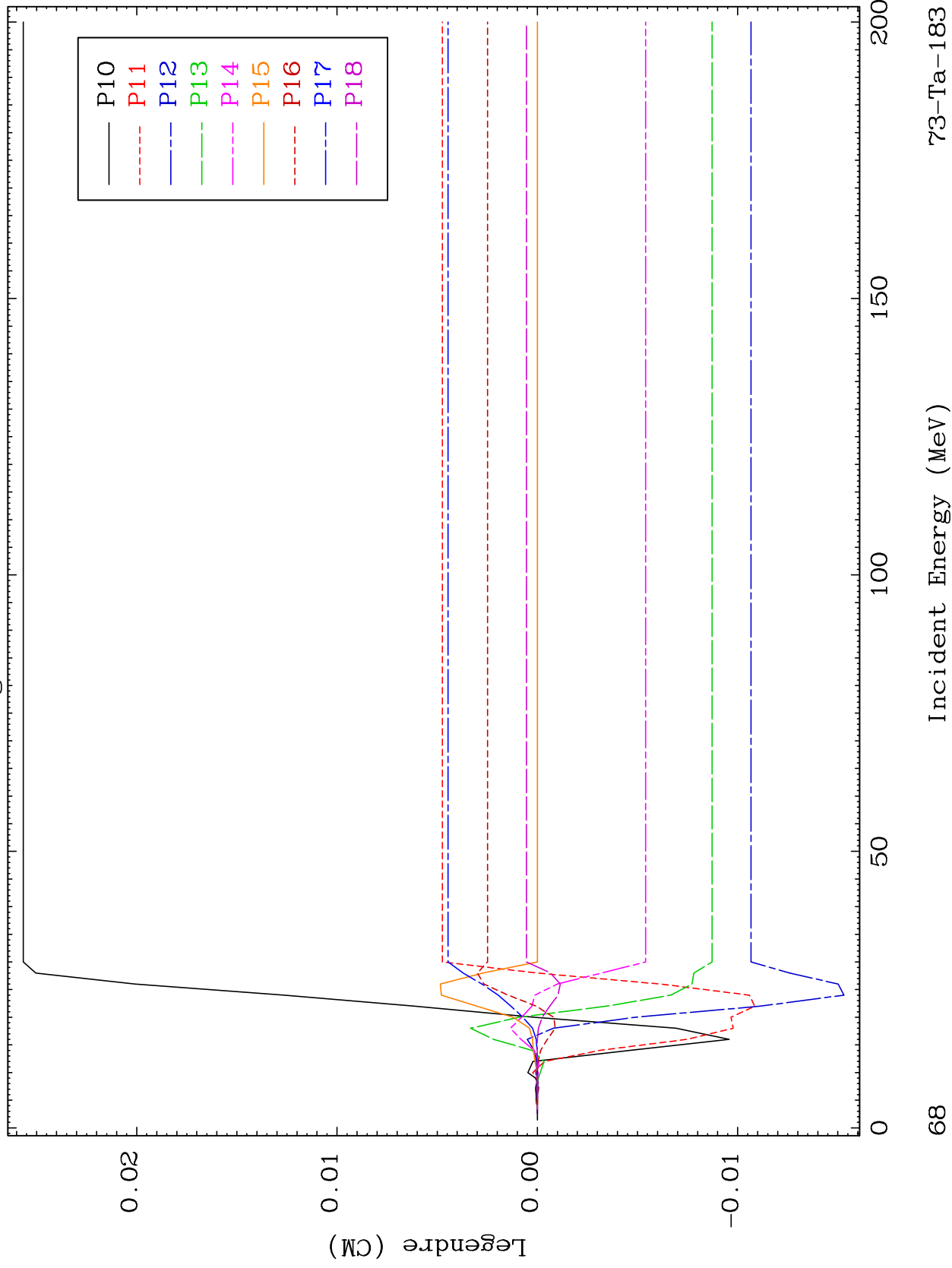
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



73-Ta-183

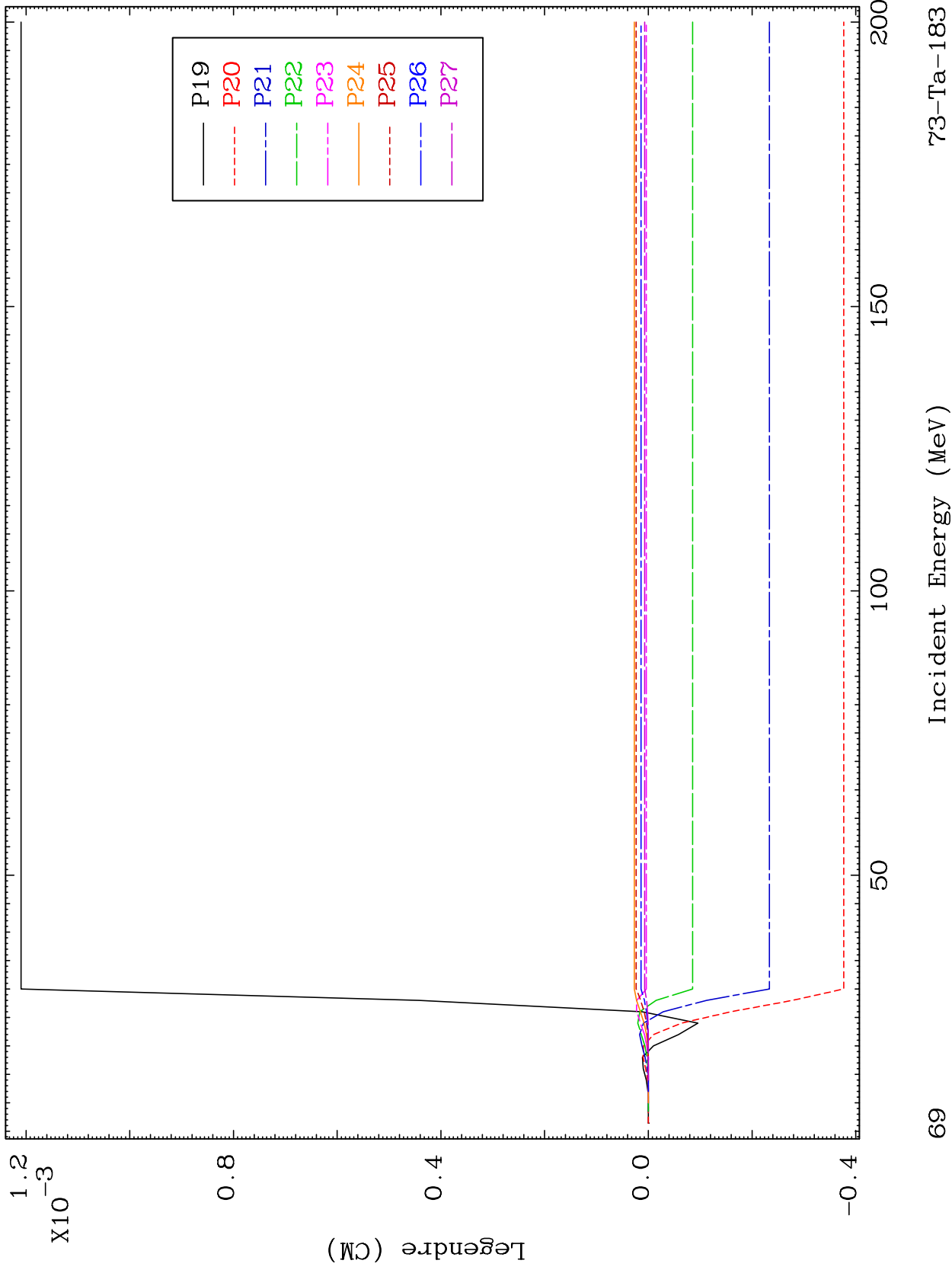
Incident Energy (MeV)

68

MAT 7334

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

73-Ta-183



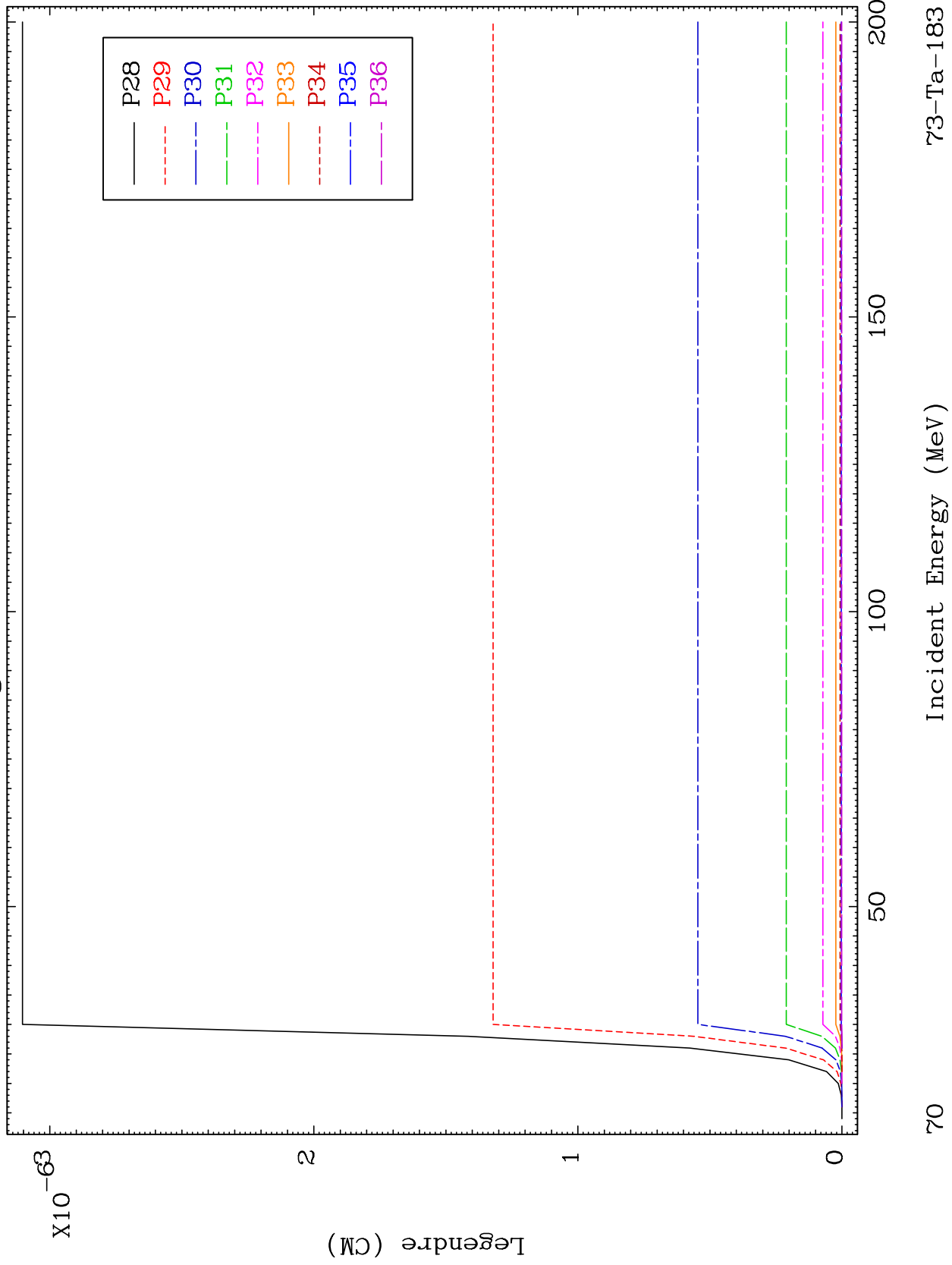
69

73-Ta-183

MAT 7334

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

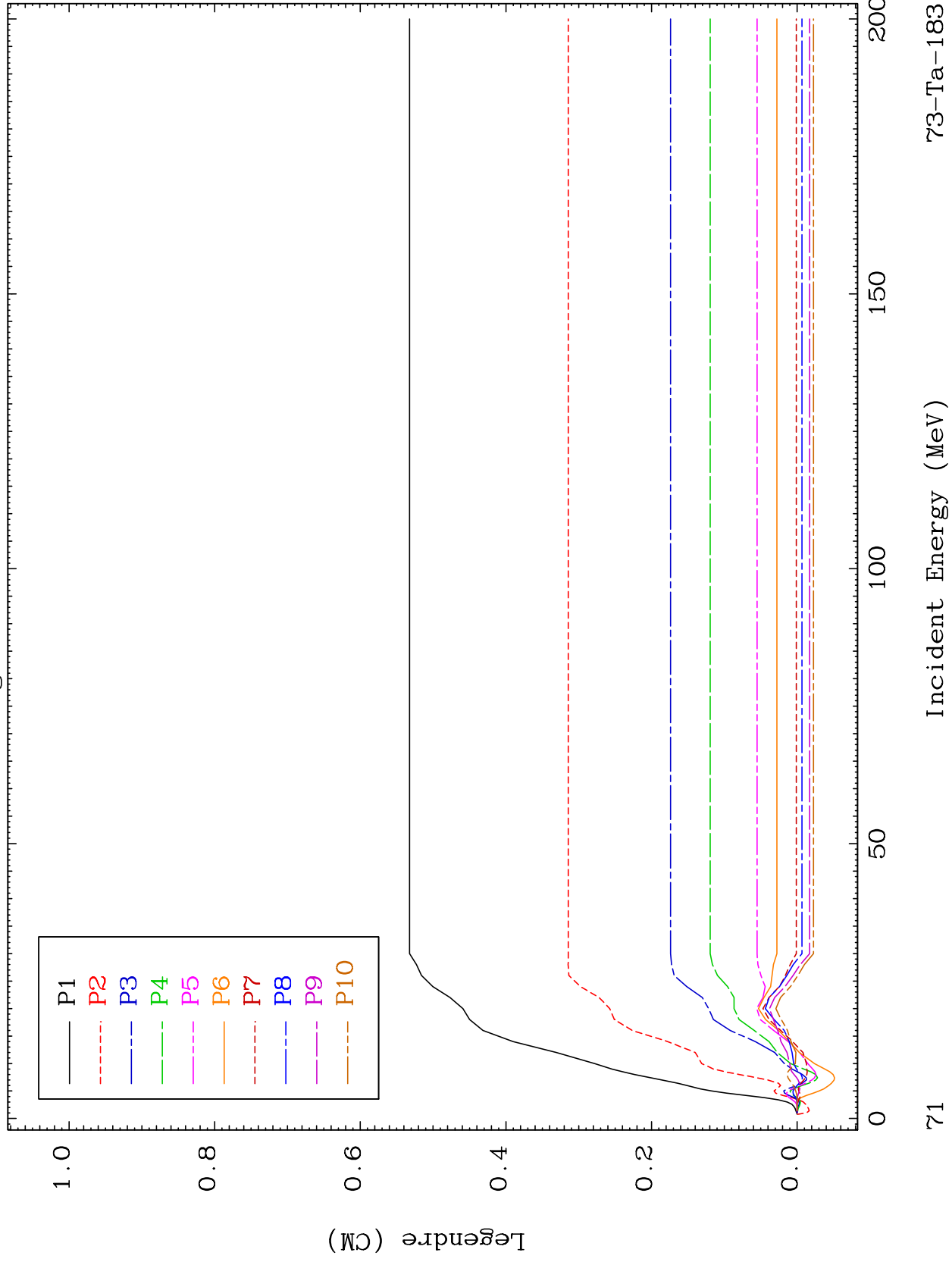
73-Ta-183



MAT 7334

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

<sup>73</sup>Ta-183

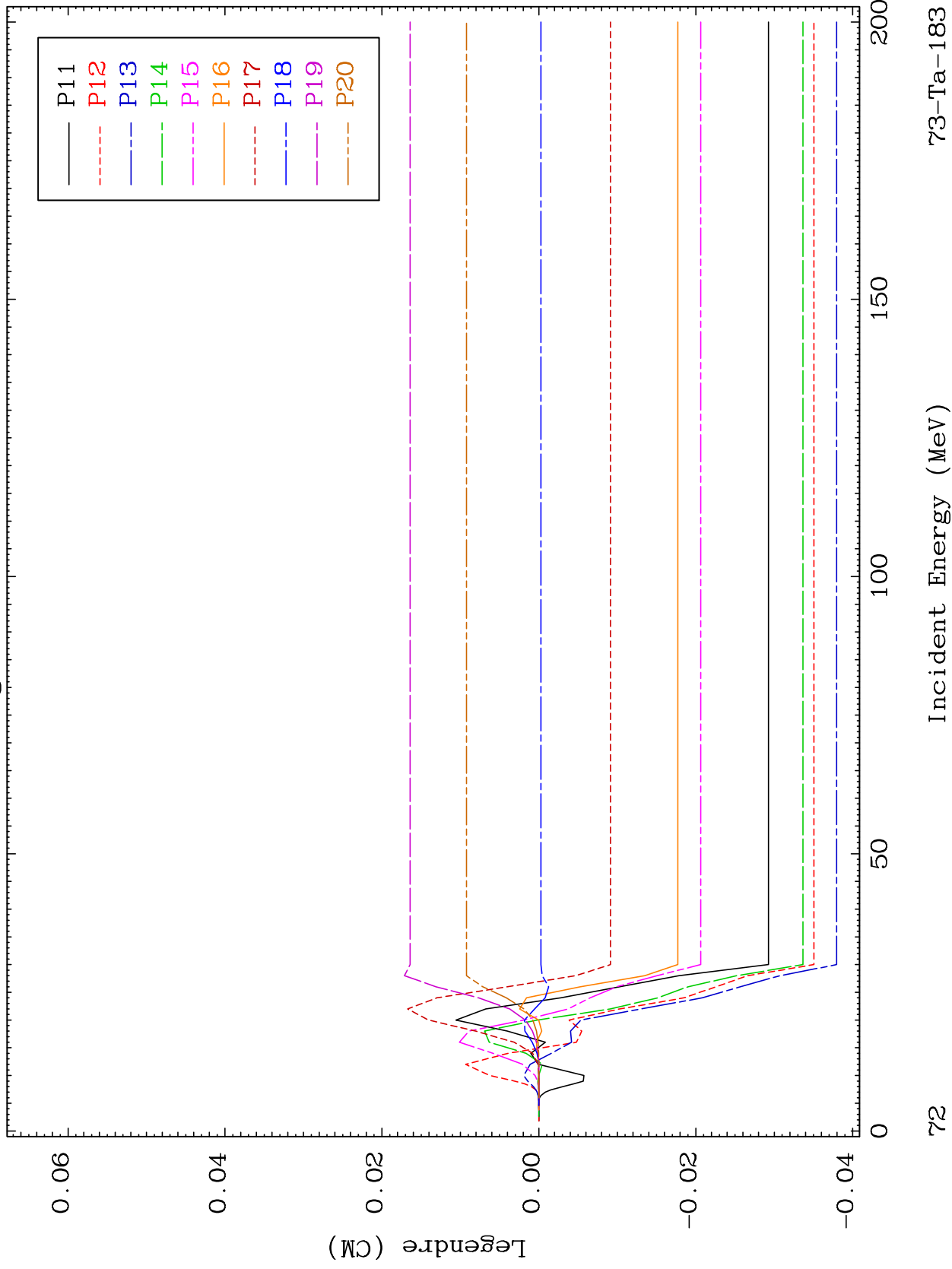




MAT 7334

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

73-Ta-183



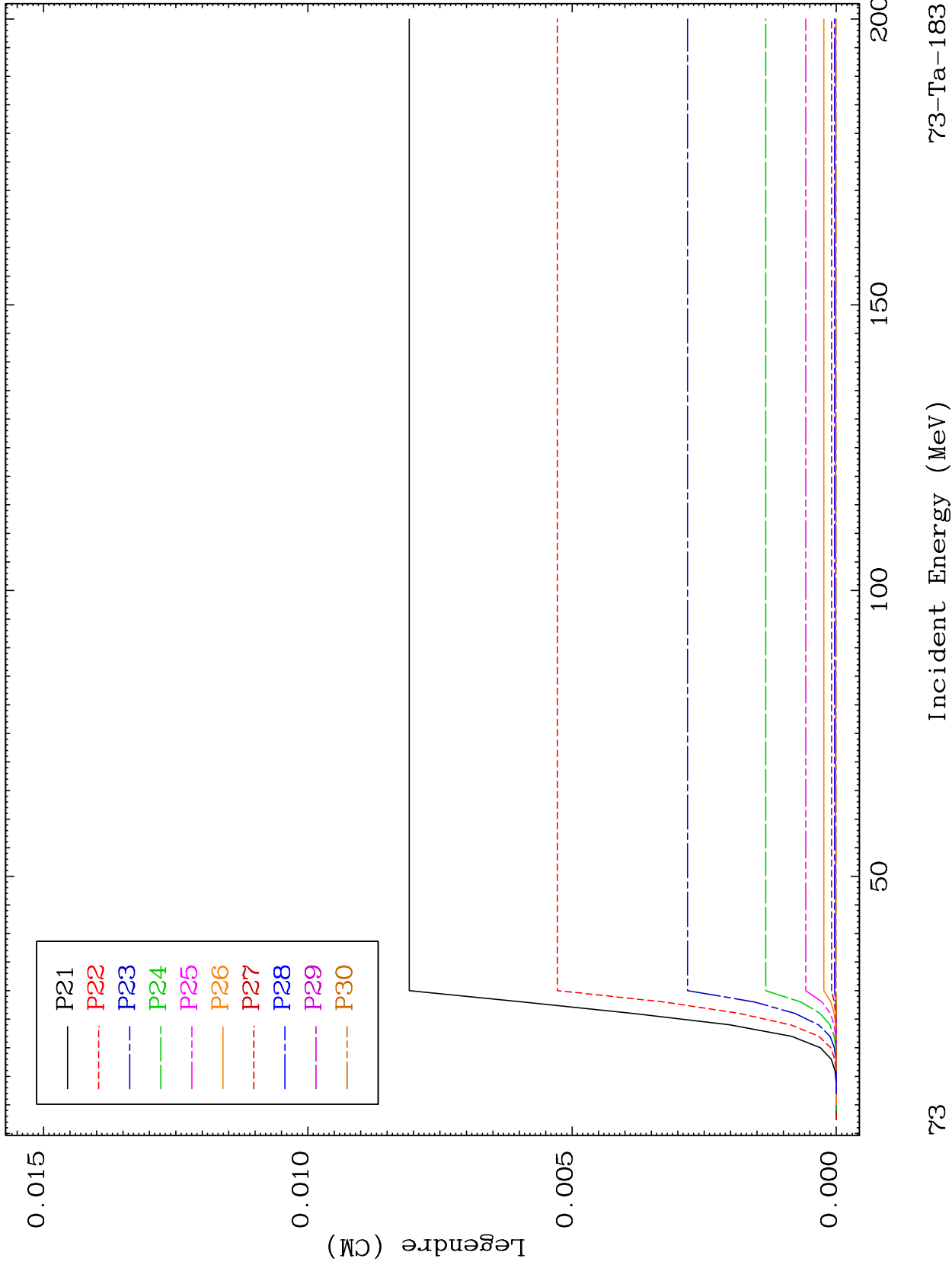
72

73-Ta-183

MAT 7334

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

73-Ta-183



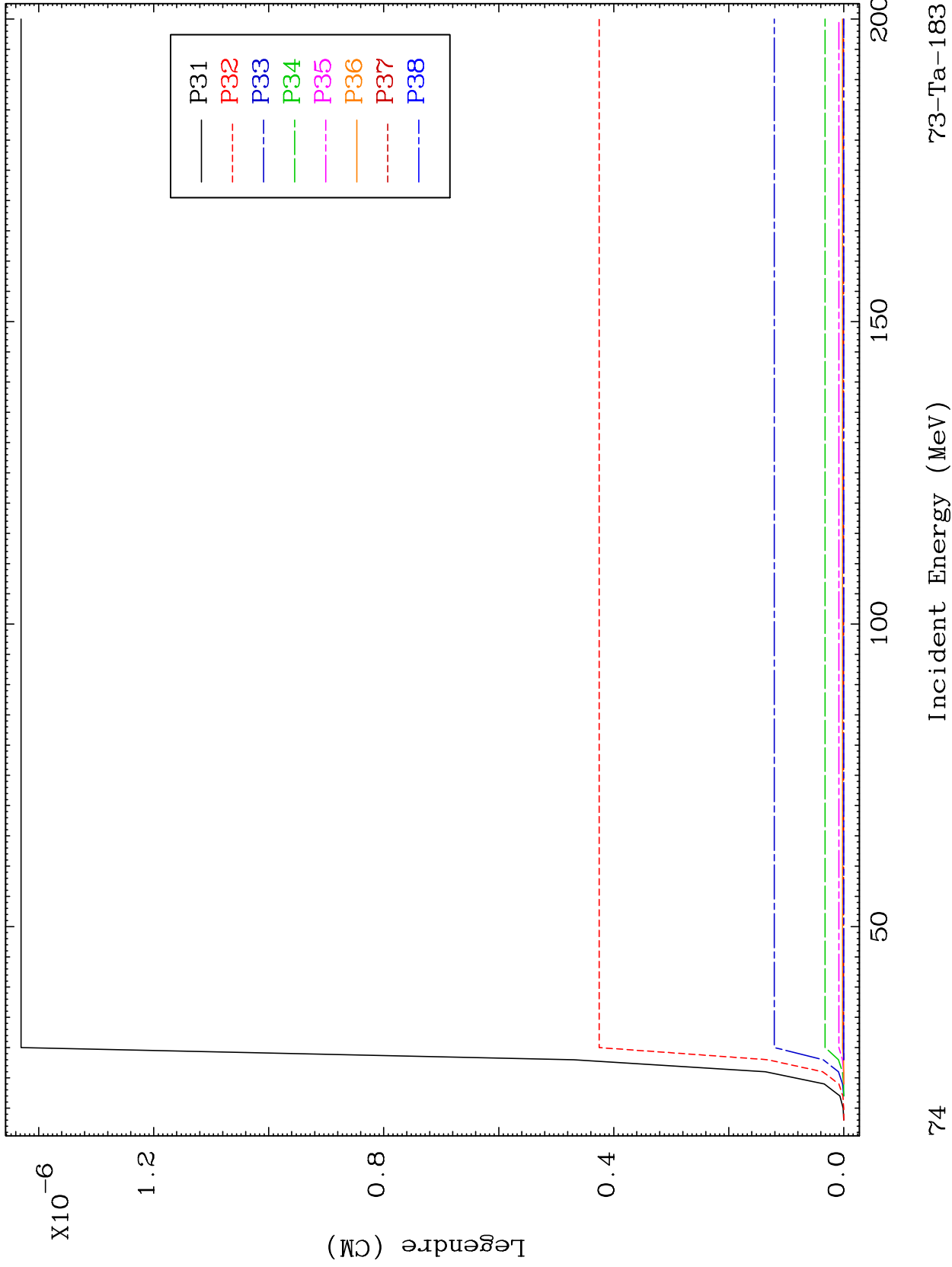
73

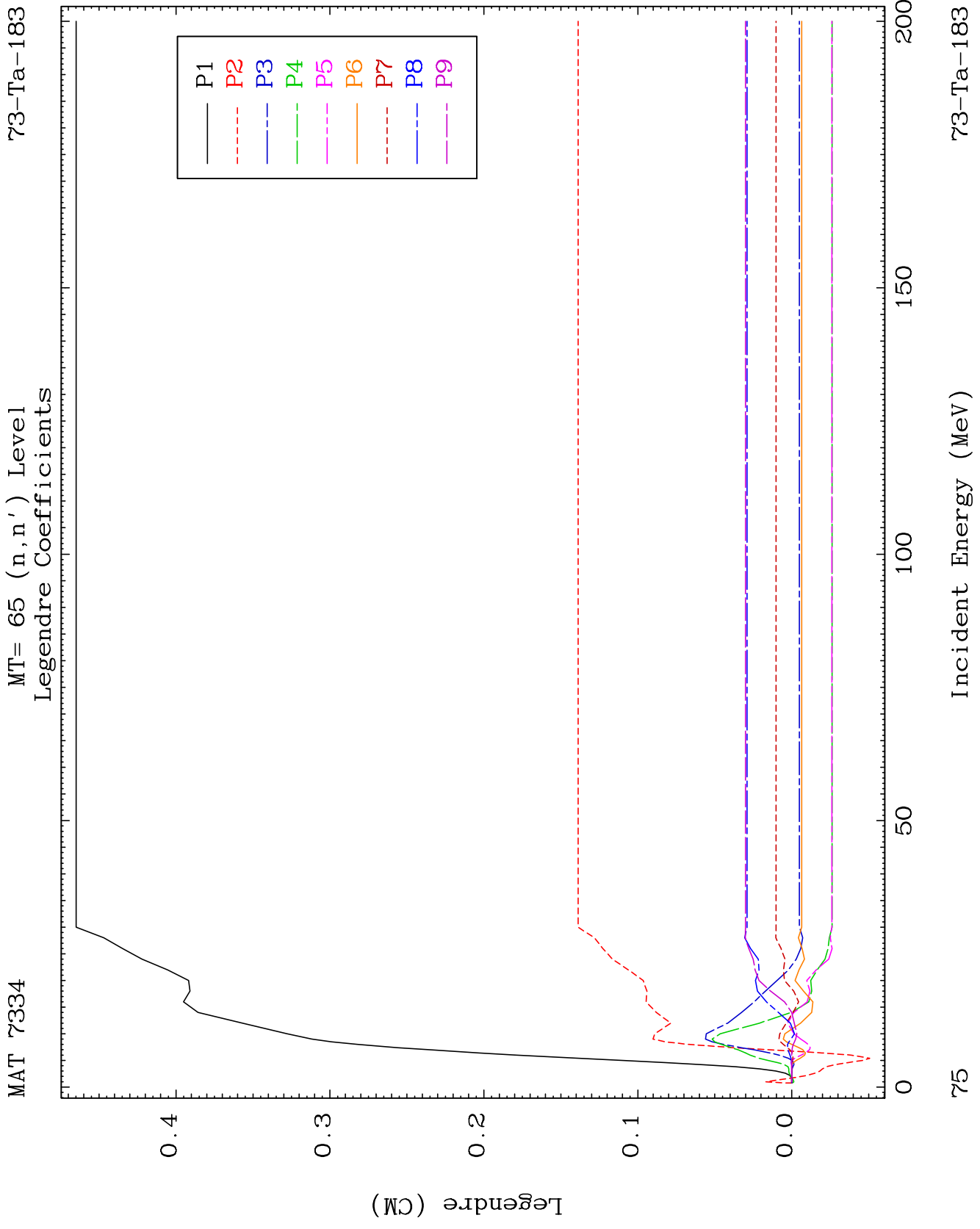
73-Ta-183

MAT 7334

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

73-Ta-183

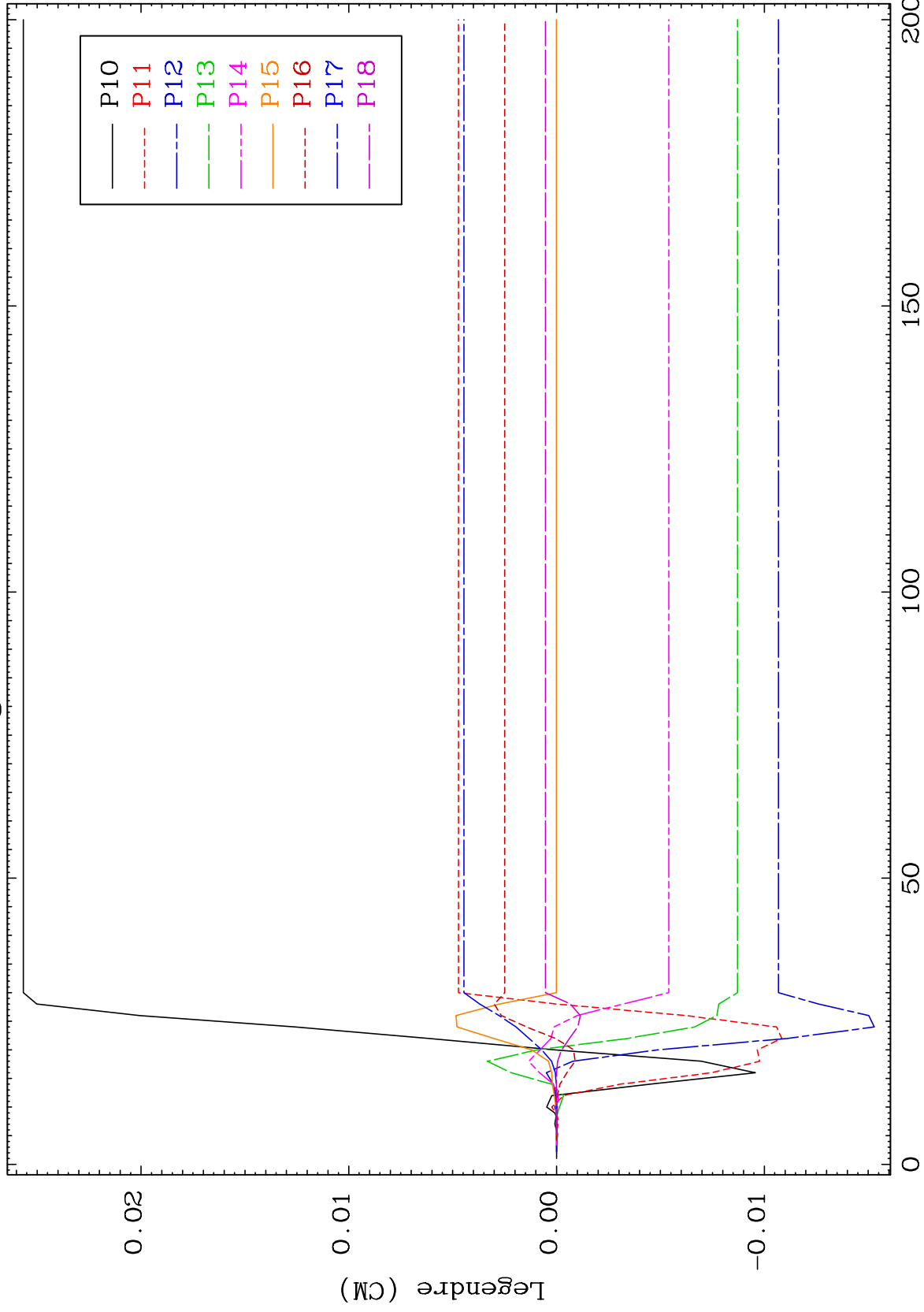




MAT 7334

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

<sup>73</sup>Ta-183



76

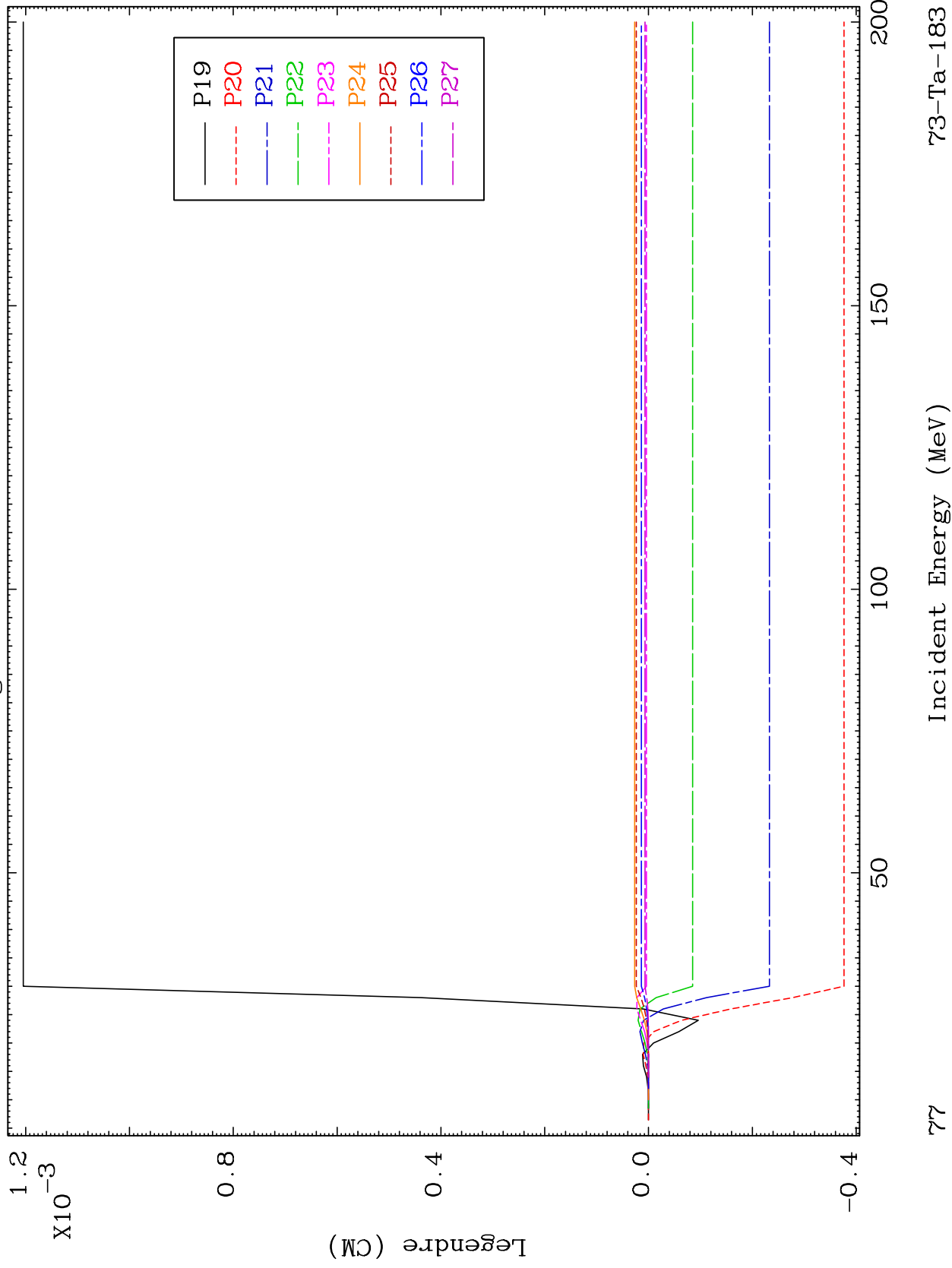
Incident Energy (MeV)

<sup>73</sup>Ta-183

MAT 7334

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

73-Ta-183



77

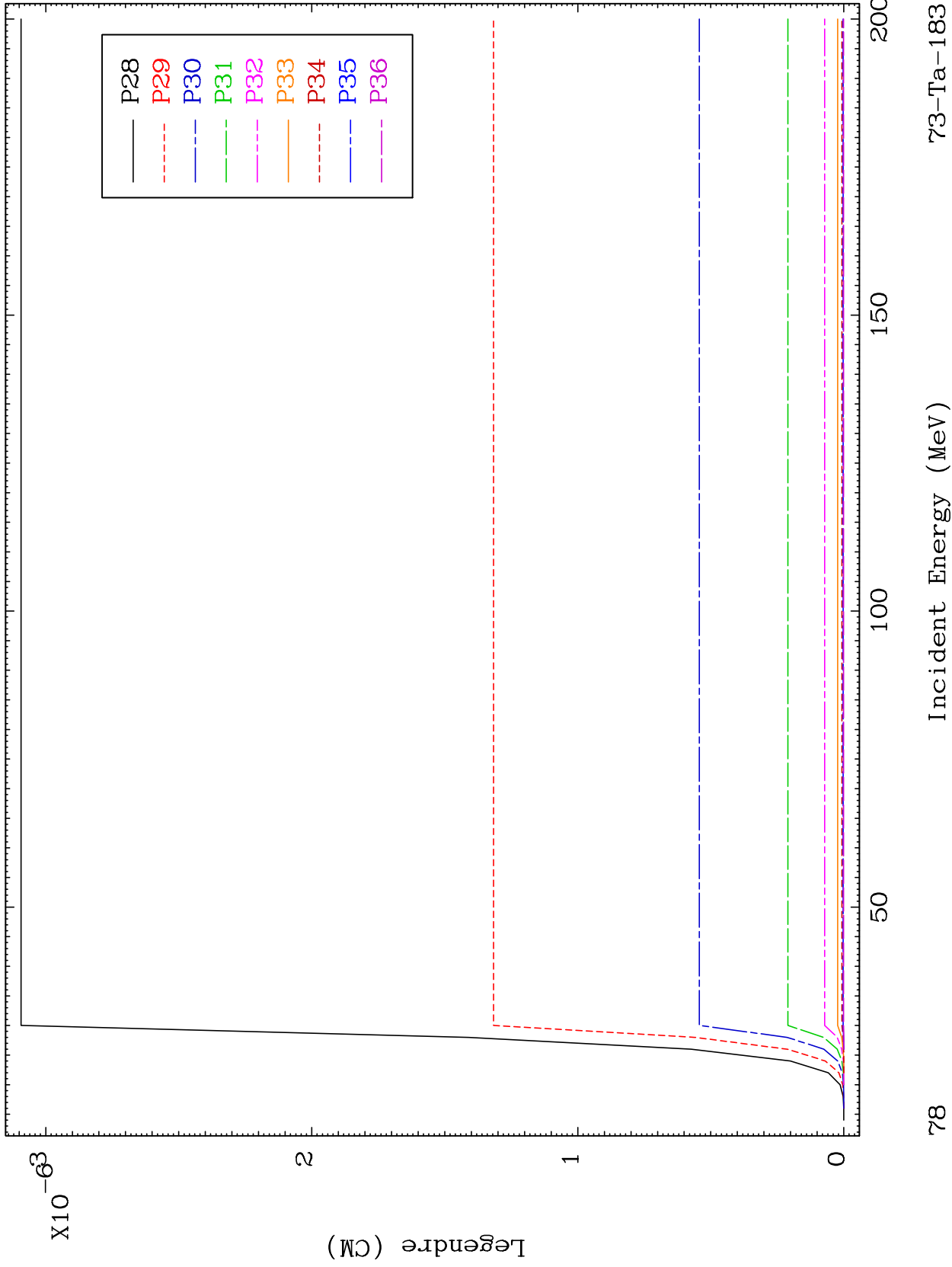
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



78

Incident Energy (MeV)

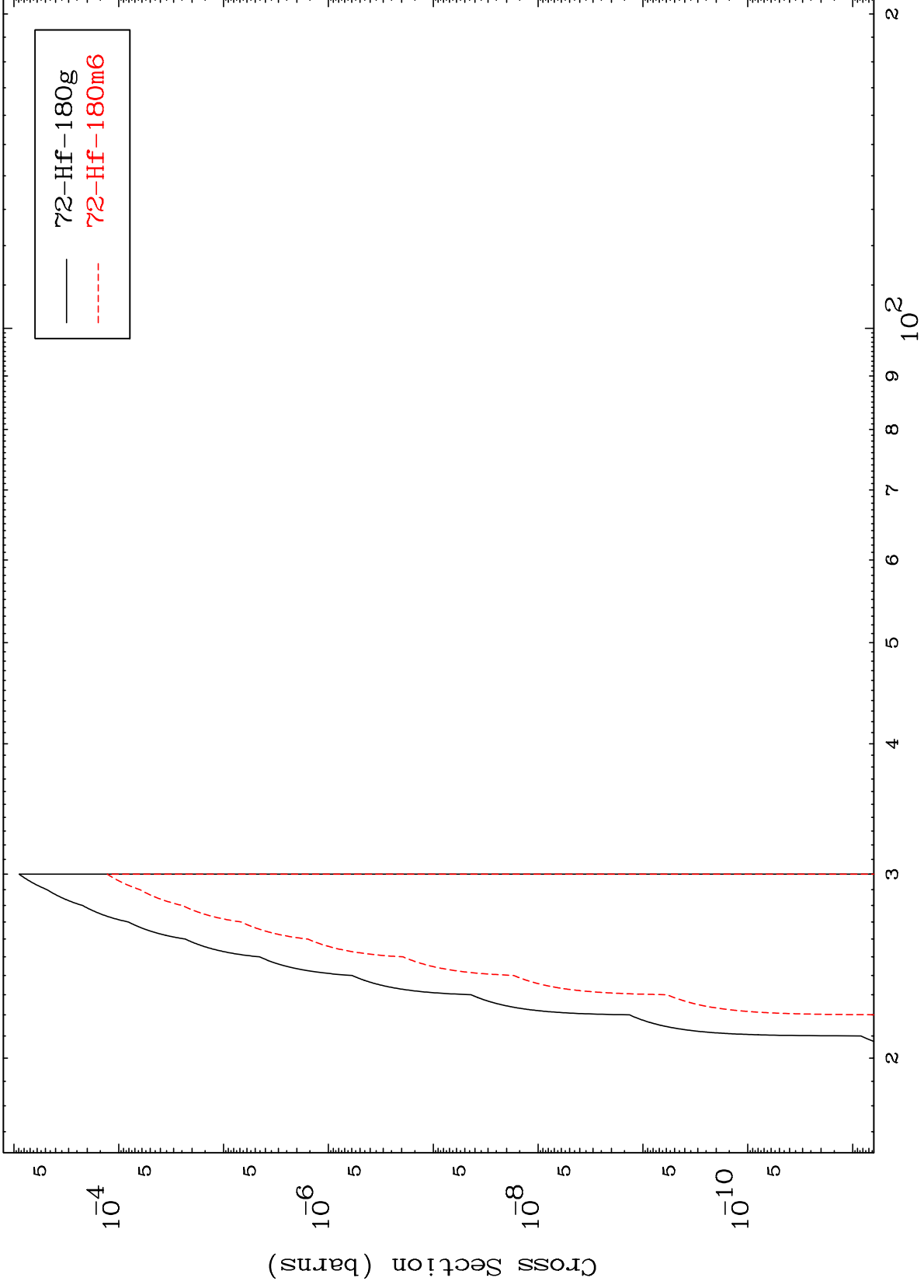
73-Ta-183

MAT 7334

(n,2n) d

73-Ta-183

Radionuclide Production Cross Section



79

Incident Energy (MeV)

73-Ta-183

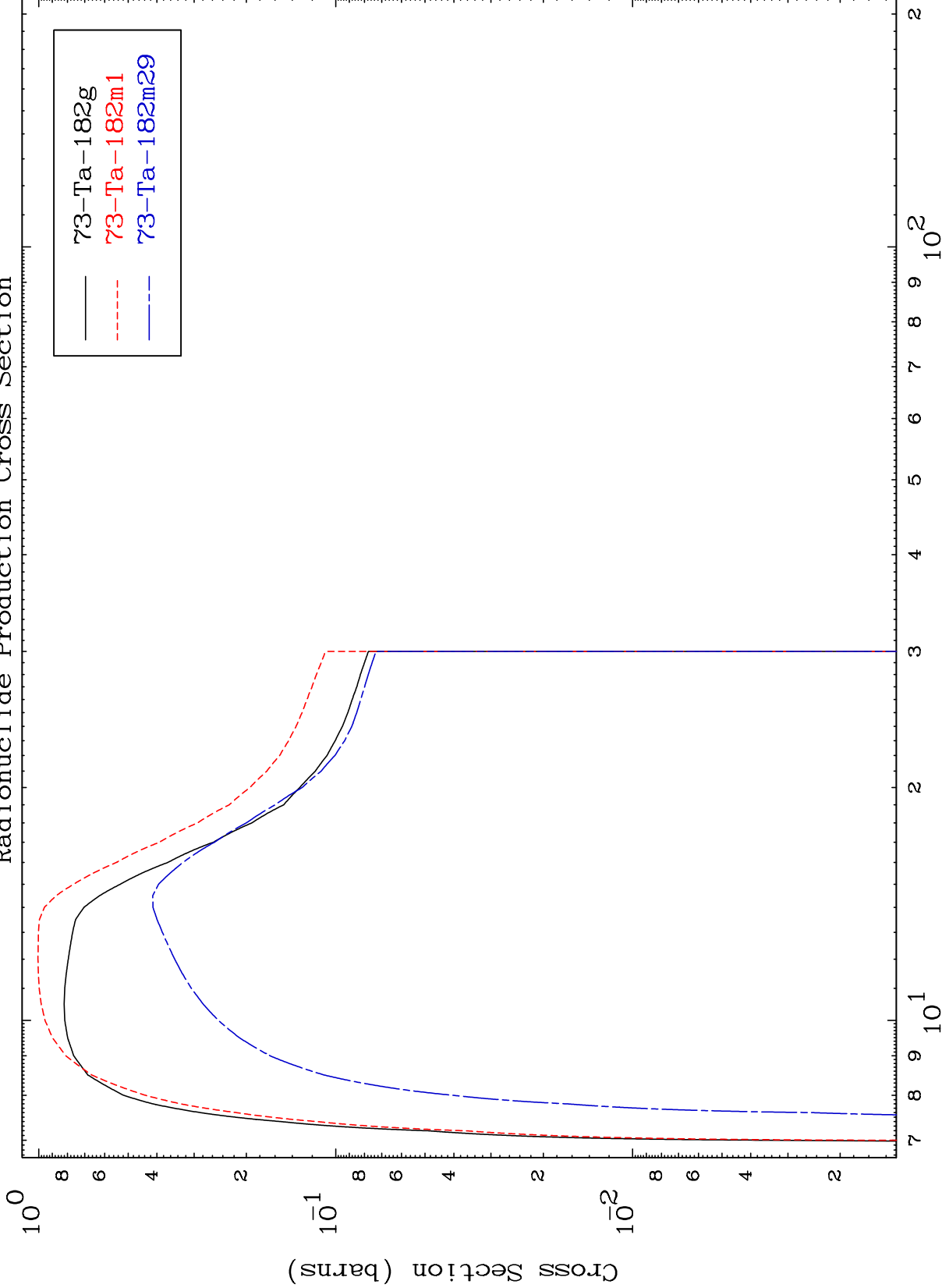


MAT 7334

(n,2n)

<sup>73</sup>Ta-183

Radionuclide Production Cross Section



80

Incident Energy (MeV)

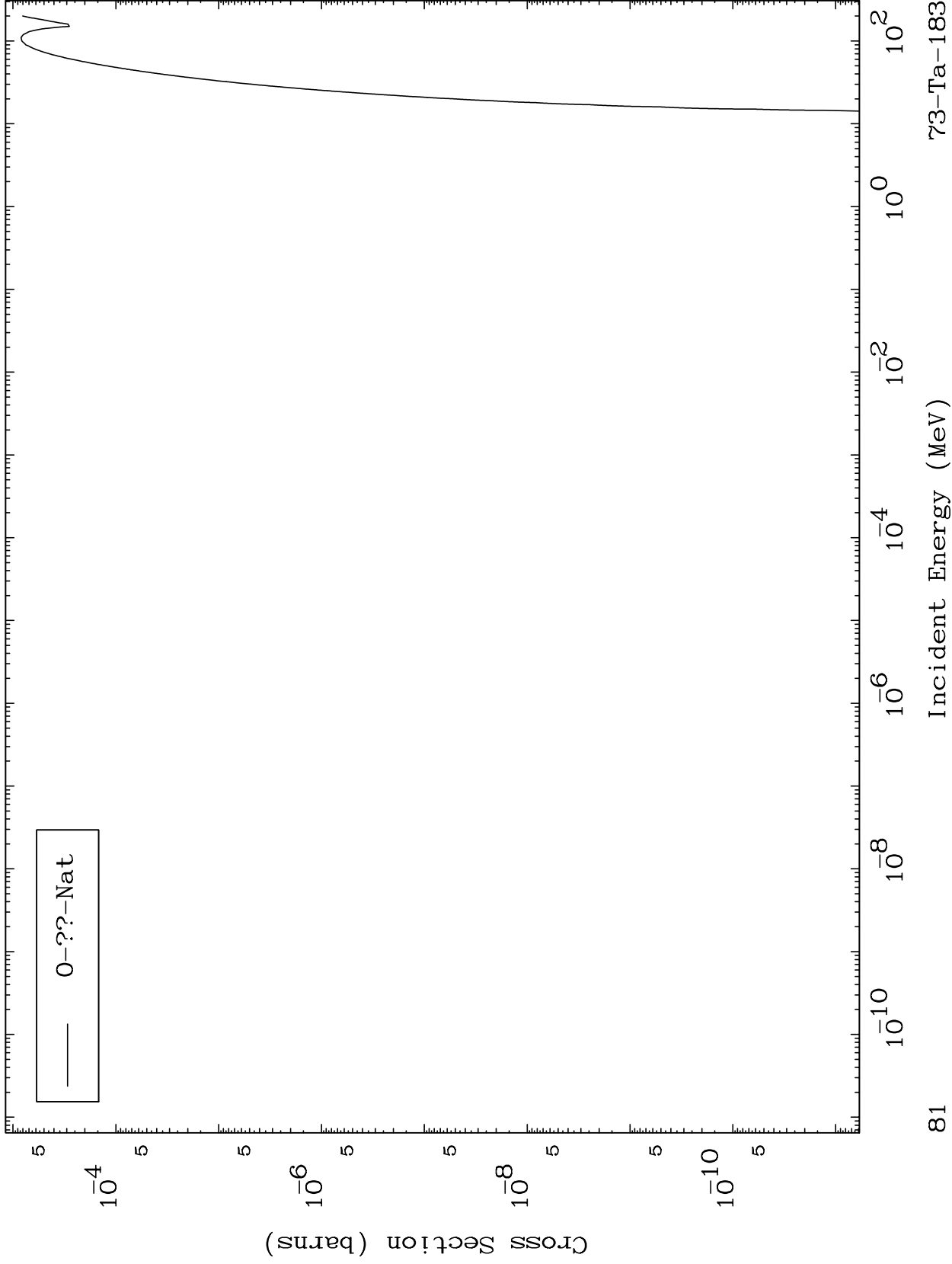
<sup>73</sup>Ta-183

MAT 7334

Fission

<sup>73</sup>Ta-183

Radionuclide Production Cross Section

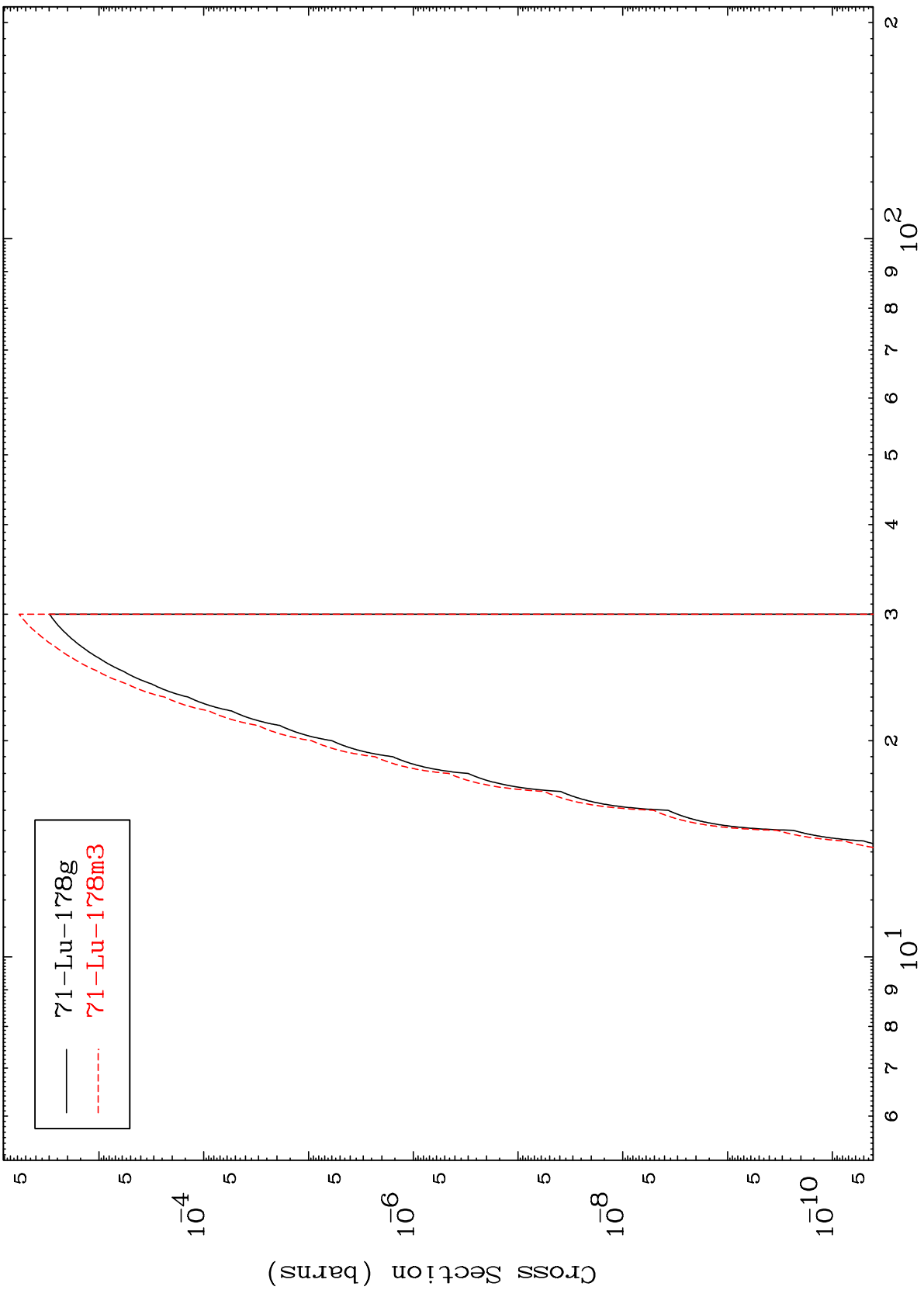


MAT 7334

$(n,2n) \alpha$

$^{73}\text{Ta-183}$

Radionuclide Production Cross Section



82

Incident Energy (MeV)

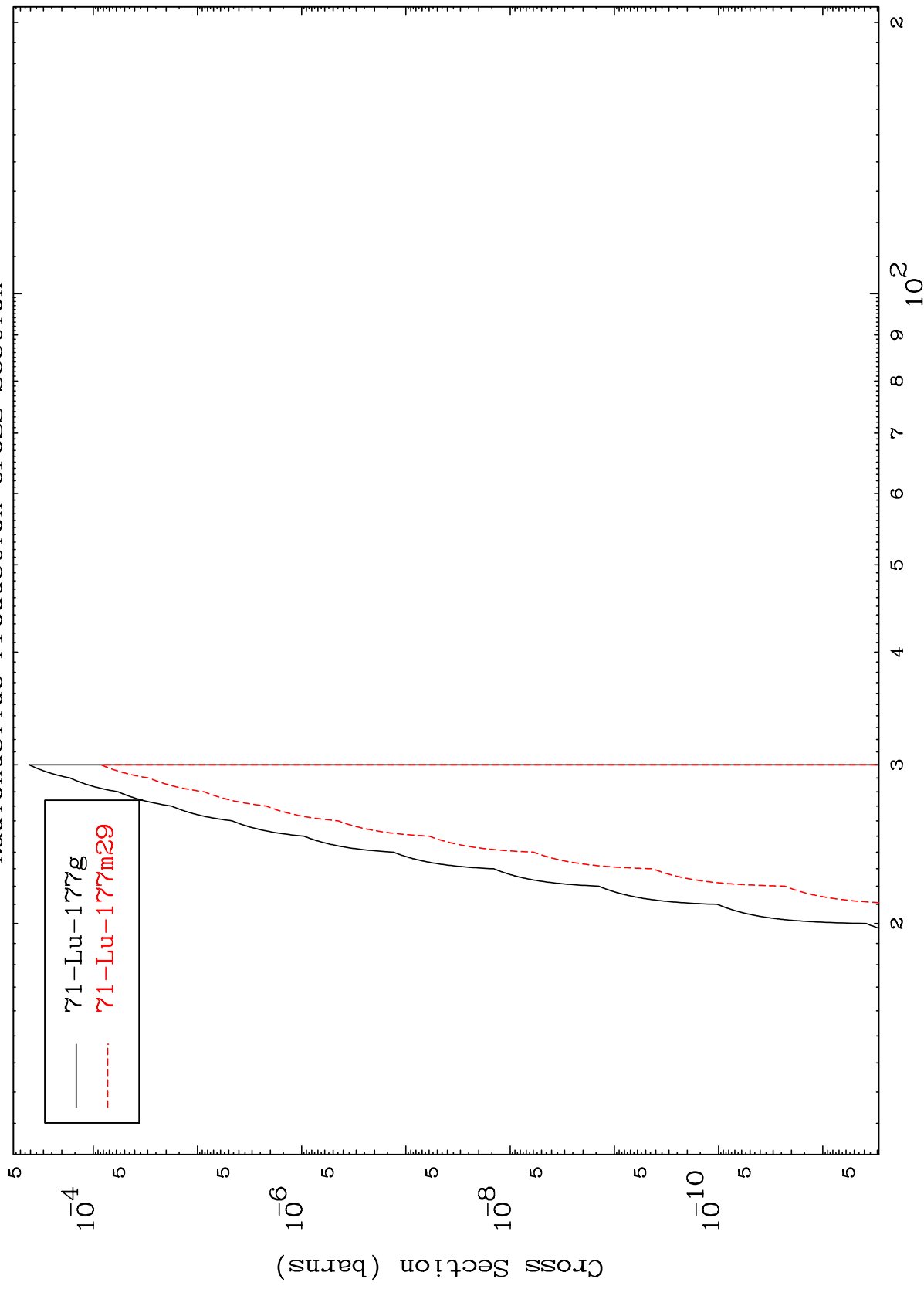
$^{73}\text{Ta-183}$

MAT 7334

(n,3n)  $\alpha$

<sup>73</sup>Ta-183

Radionuclide Production Cross Section



83

Incident Energy (MeV)

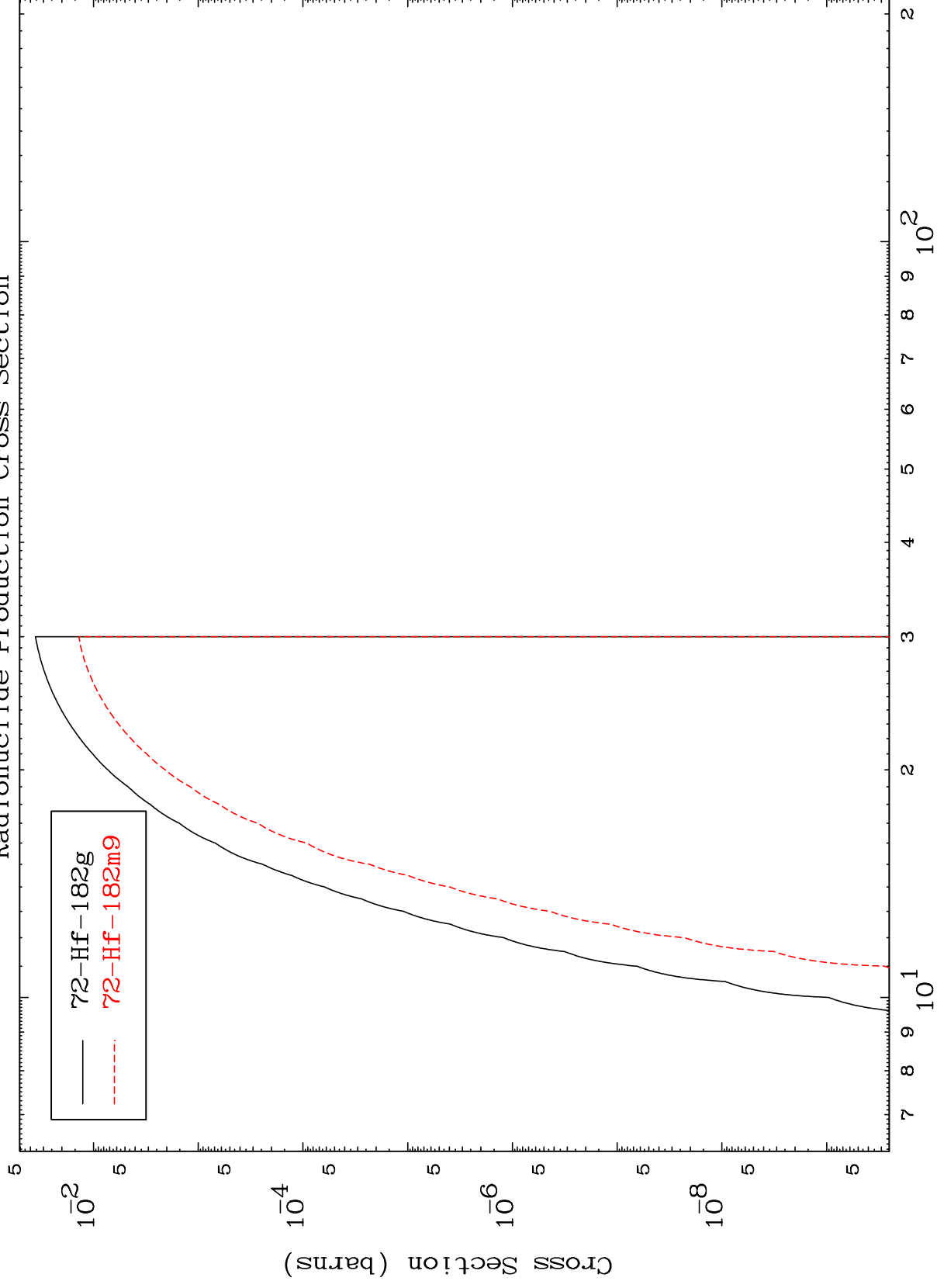
<sup>73</sup>Ta-183

MAT 7334

(n,n') p

73-Ta-183

Radionuclide Production Cross Section



84

Incident Energy (MeV)

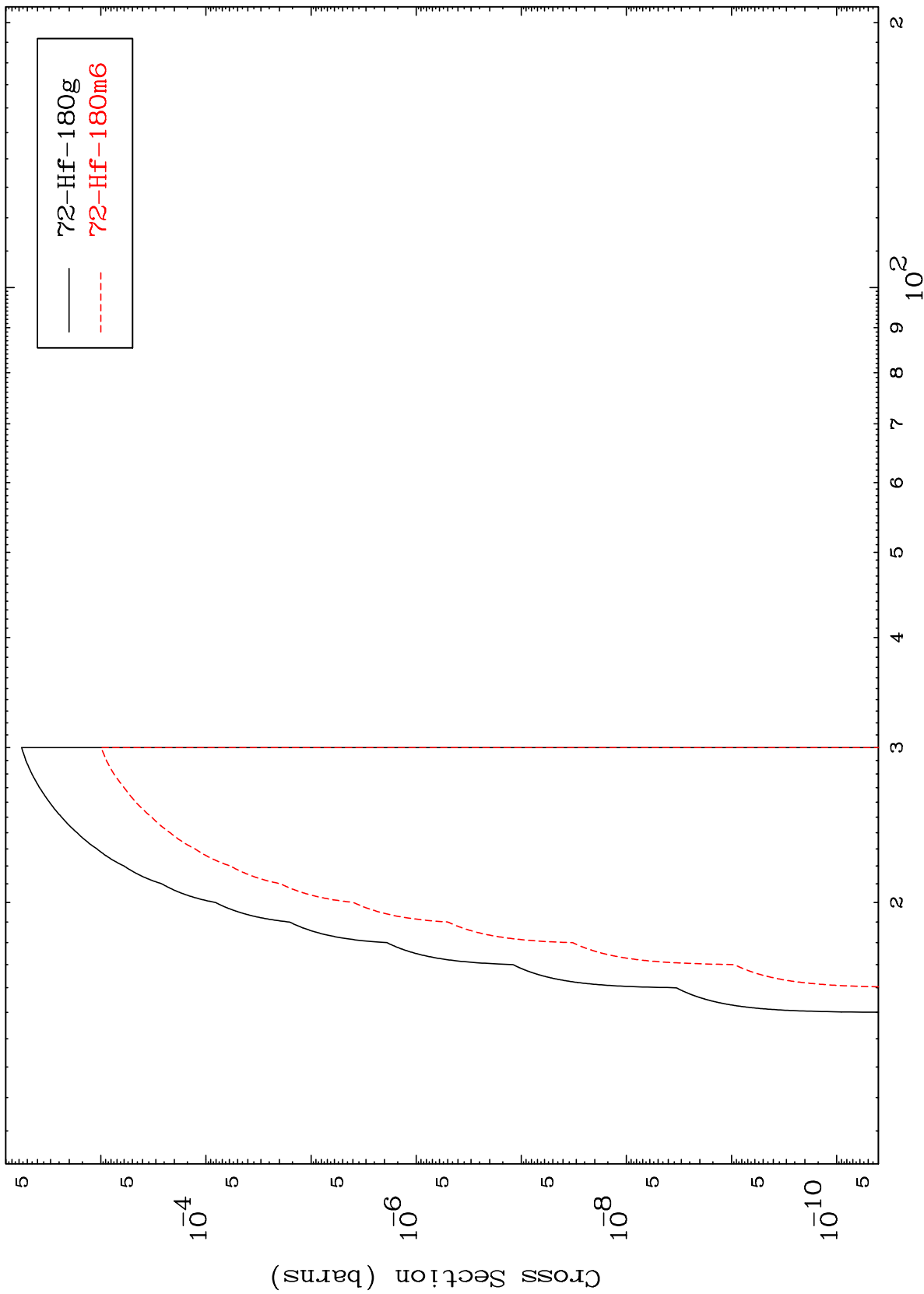
73-Ta-183

MAT 7334

(n,n') t

73-Ta-183

Radionuclide Production Cross Section



85

Incident Energy (MeV)

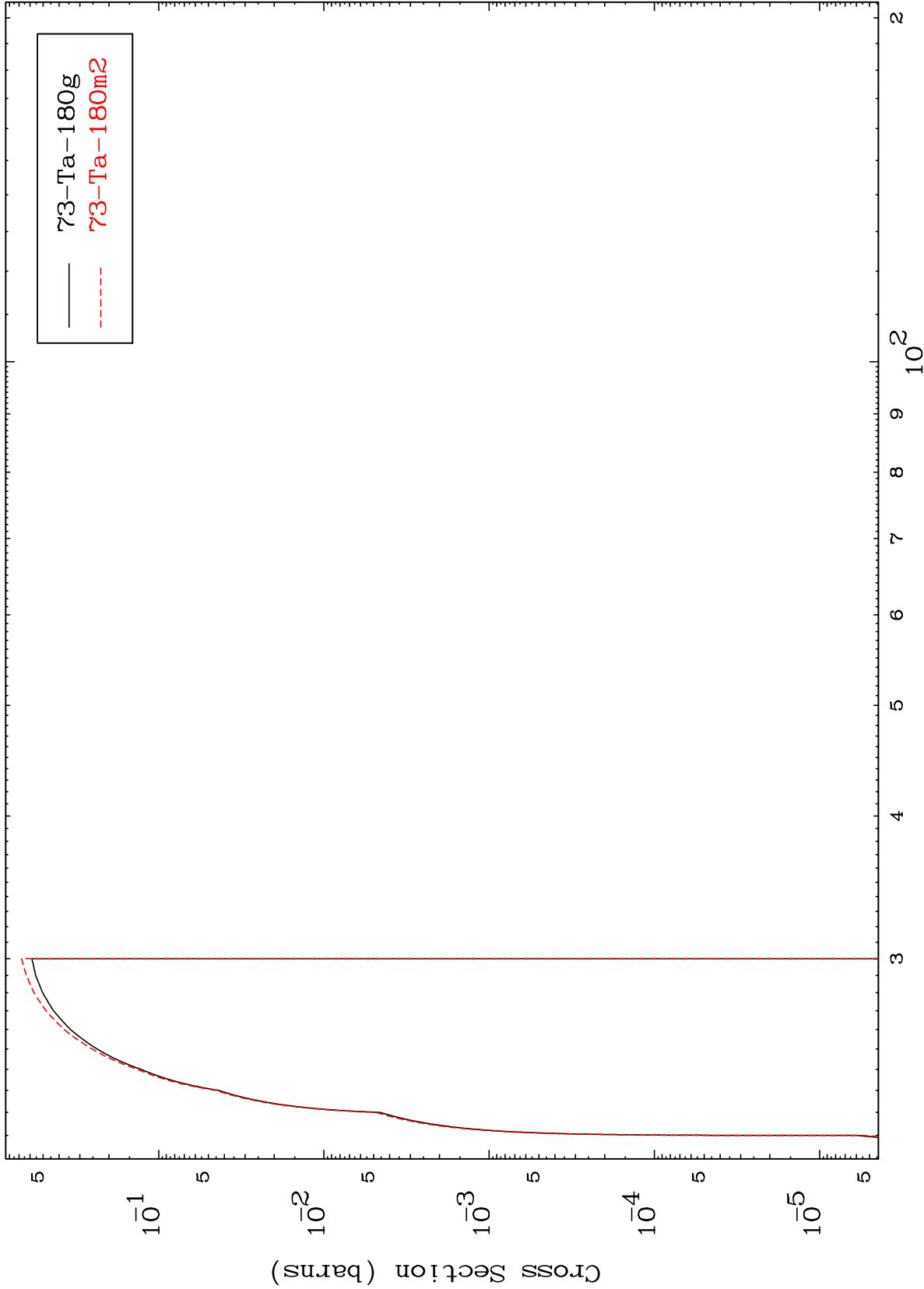
73-Ta-183

MAT 7334

(n,4n)

<sup>73</sup>Ta-183

Radionuclide Production Cross Section



86

Incident Energy (MeV)

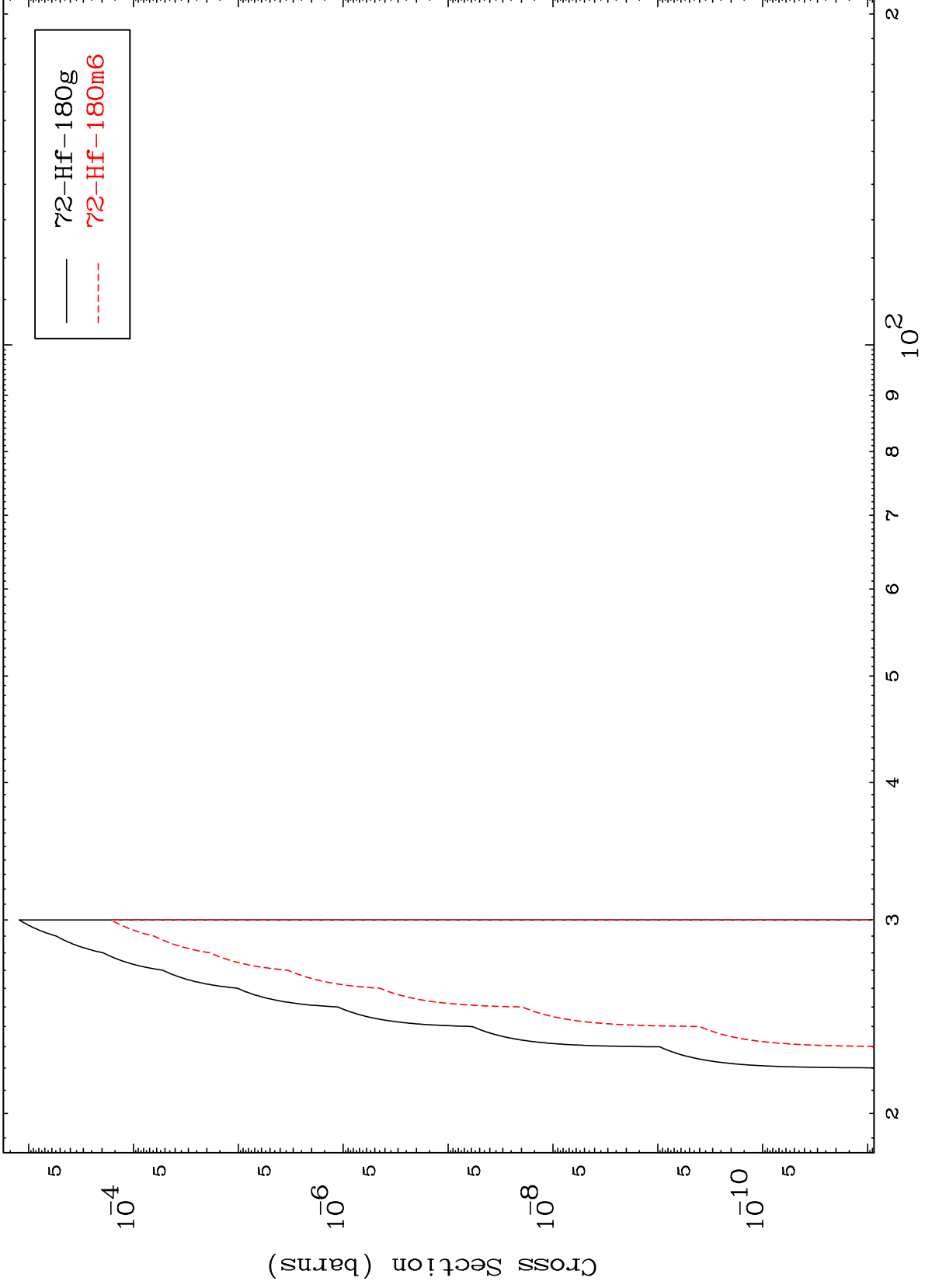
<sup>73</sup>Ta-183

MAT 7334

(n,3n) p

73-Ta-183

Radionuclide Production Cross Section



87

Incident Energy (MeV)

73-Ta-183



