

Program EVALPLOT  
(Version 2018-1)

by

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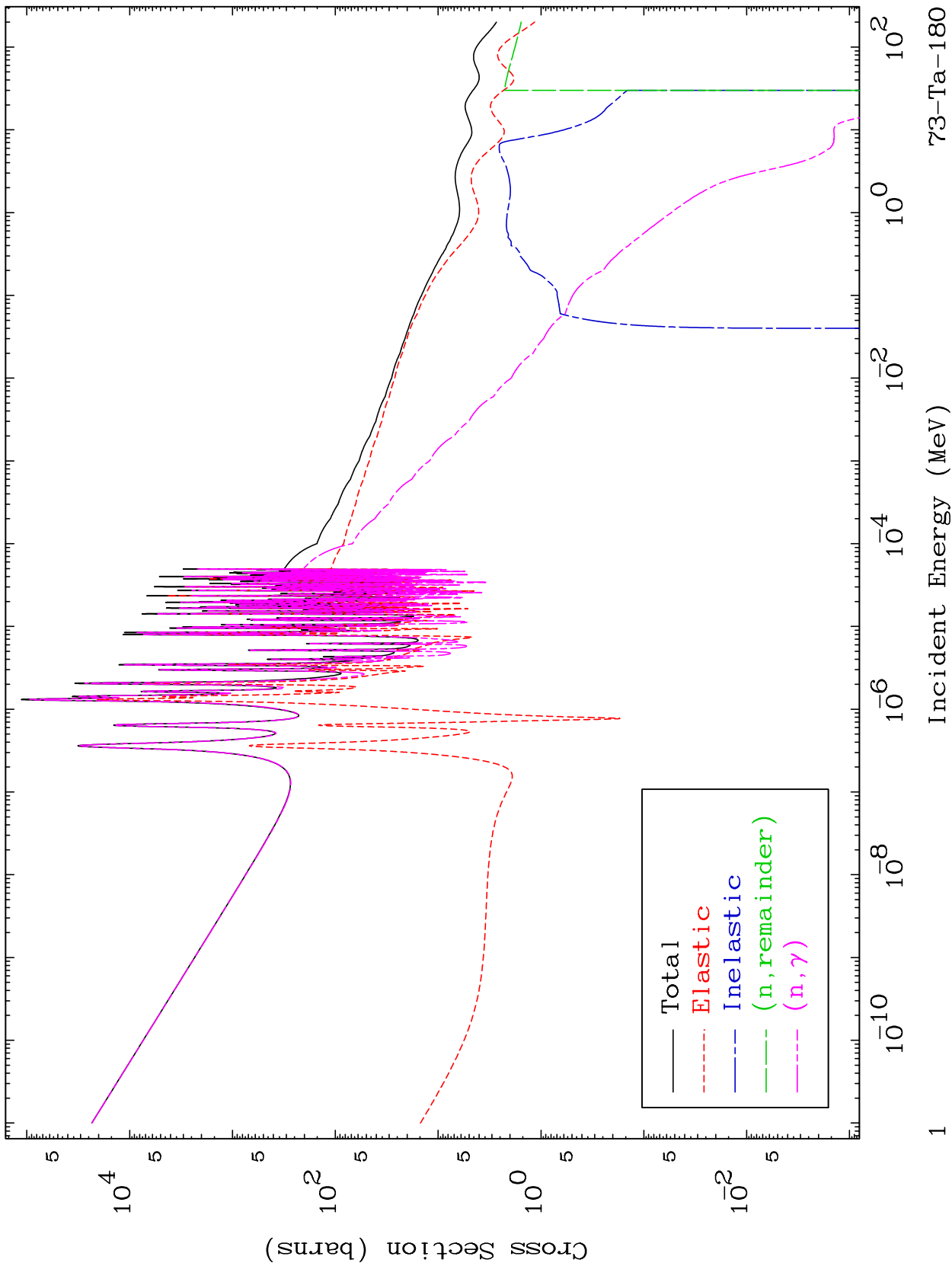
Press Mouse Button to Start

MAT 7325

Major

293 Kelvin Cross Sections

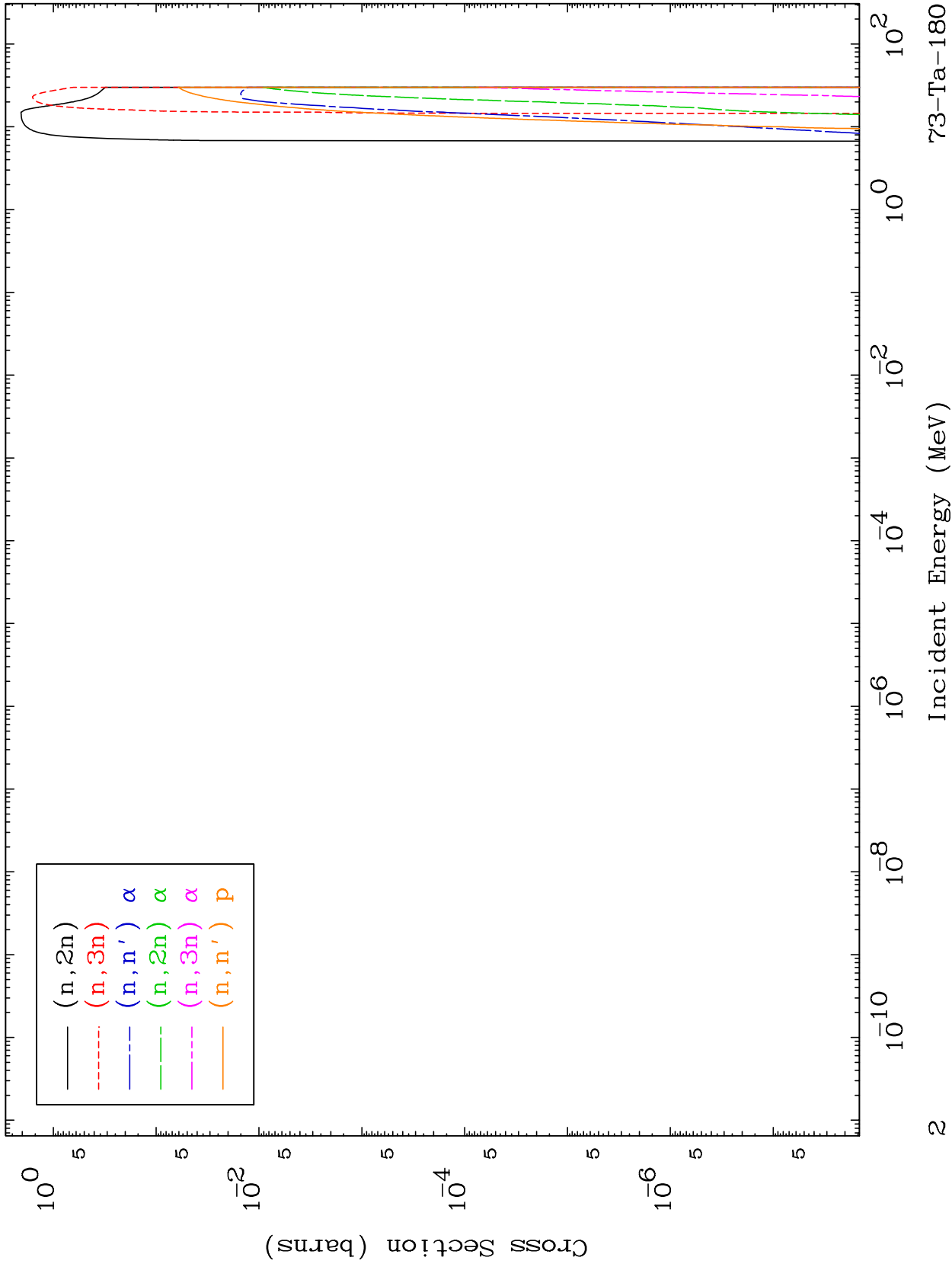
73-Ta-180



MAT 7325

Neutron Production  
293 Kelvin Cross Sections

73-Ta-180

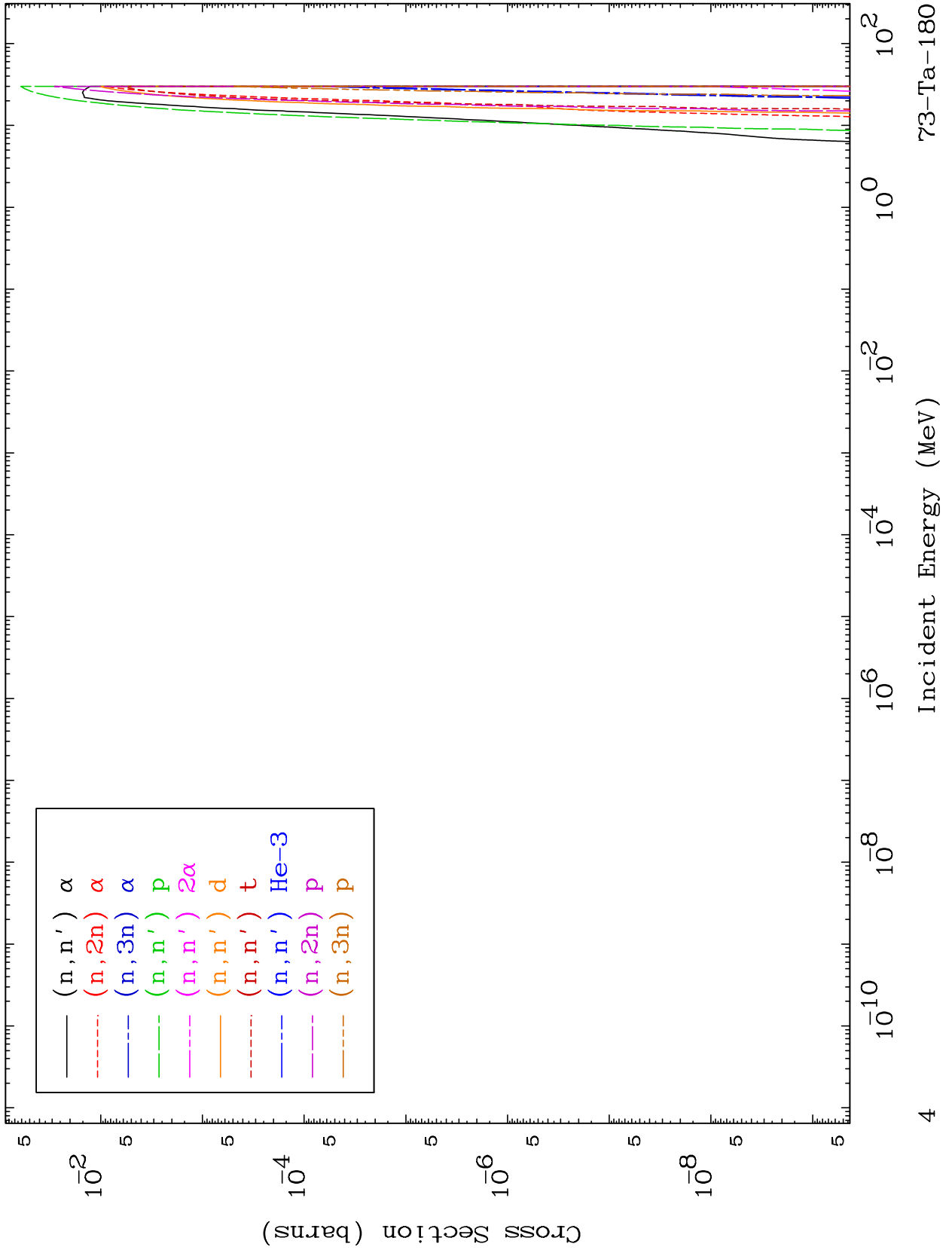




MAT 7325

Charged Particle  
293 Kelvin Cross Sections

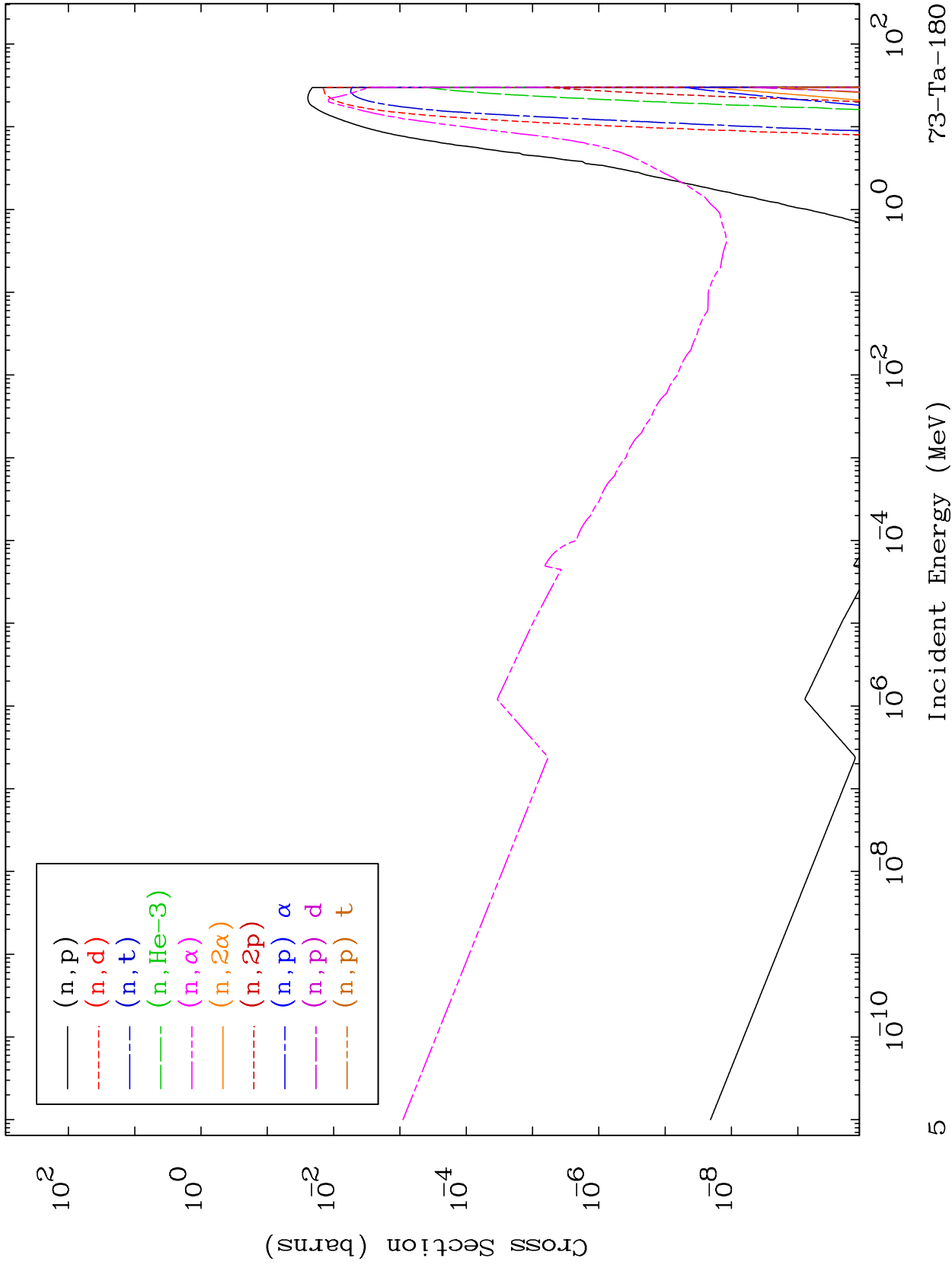
73-Ta-180

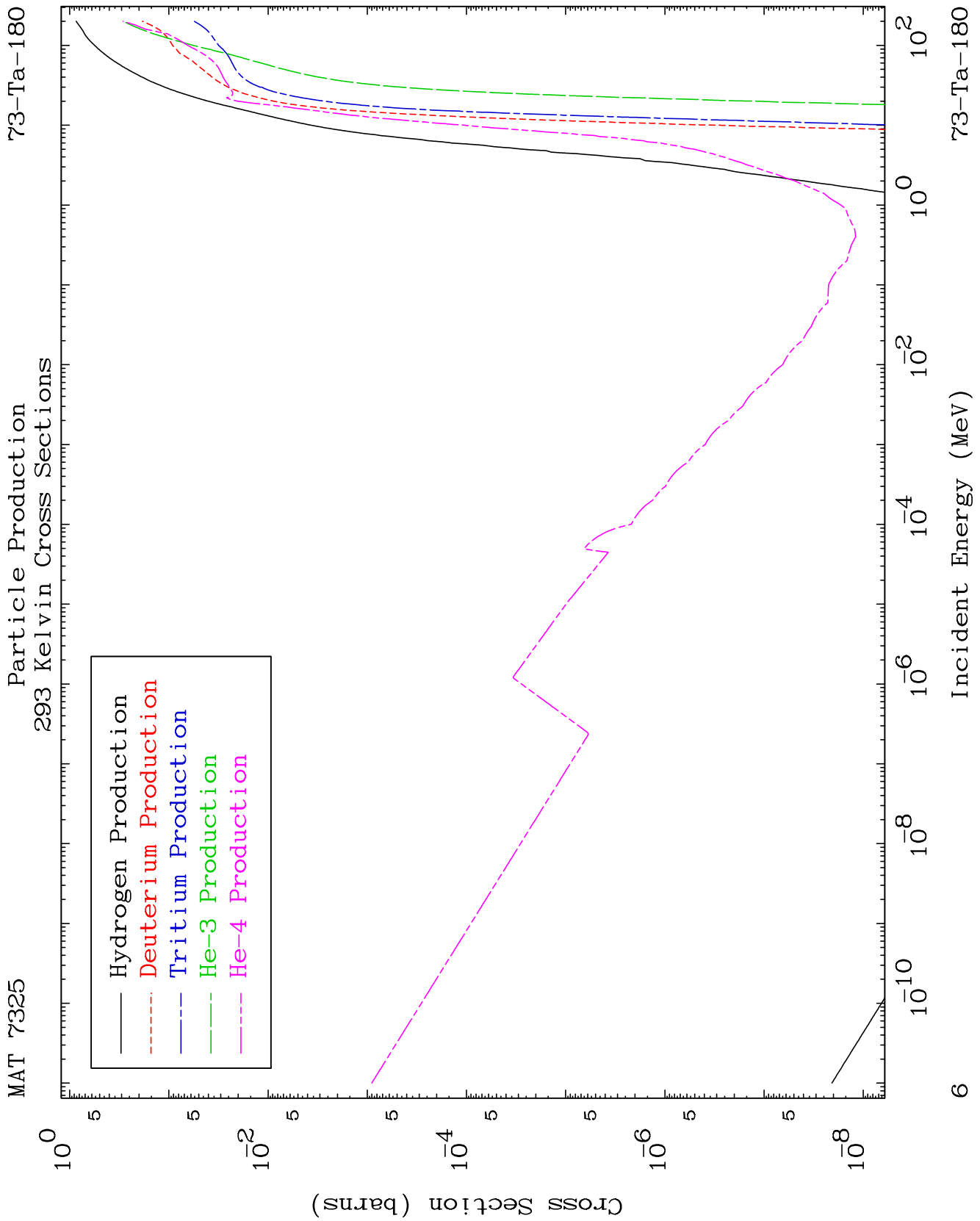


MAT 7325

Charged Particle  
293 Kelvin Cross Sections

73-Ta-180



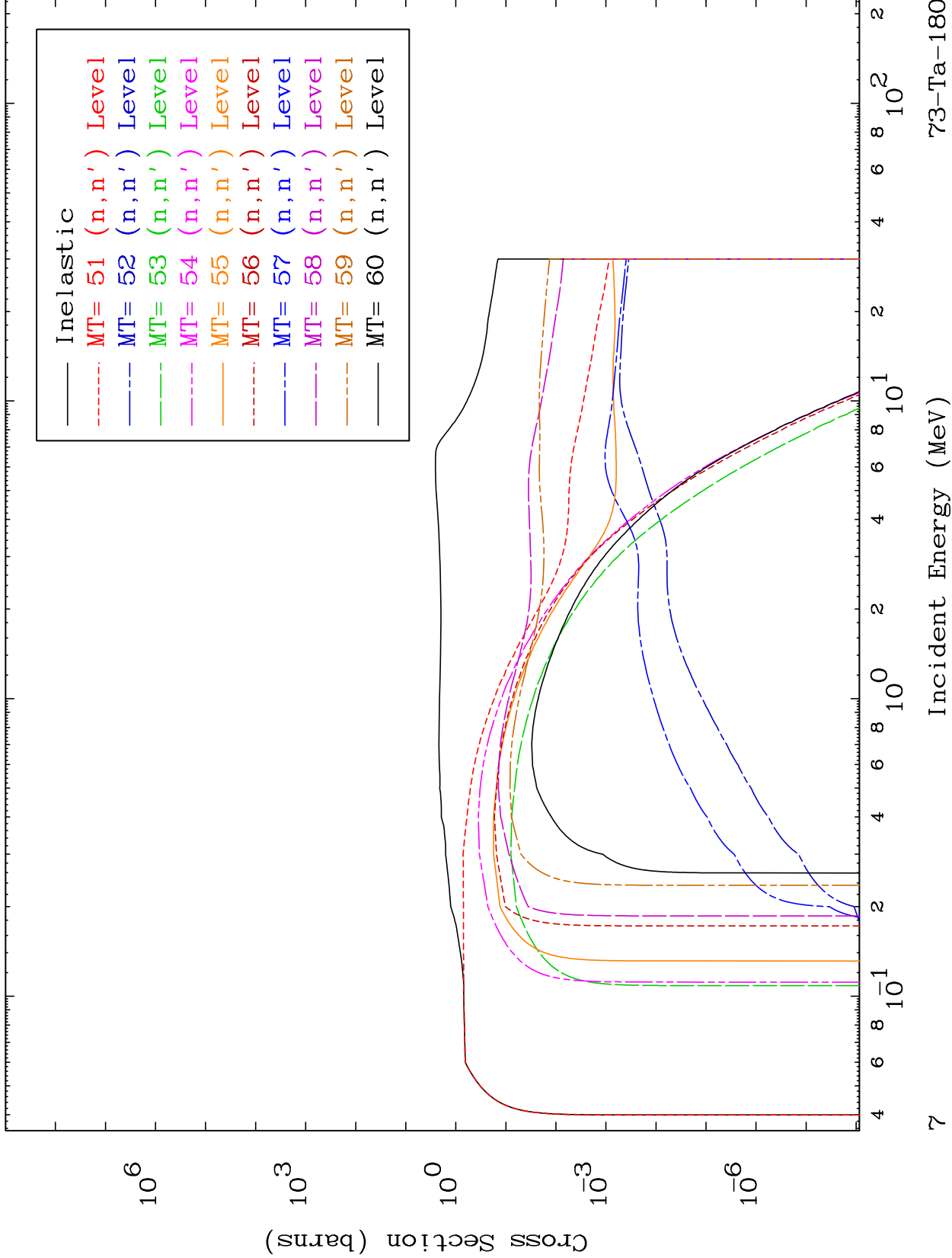


MAT 7325

(n,n') Level

73-Ta-180

293 Kelvin Cross Sections



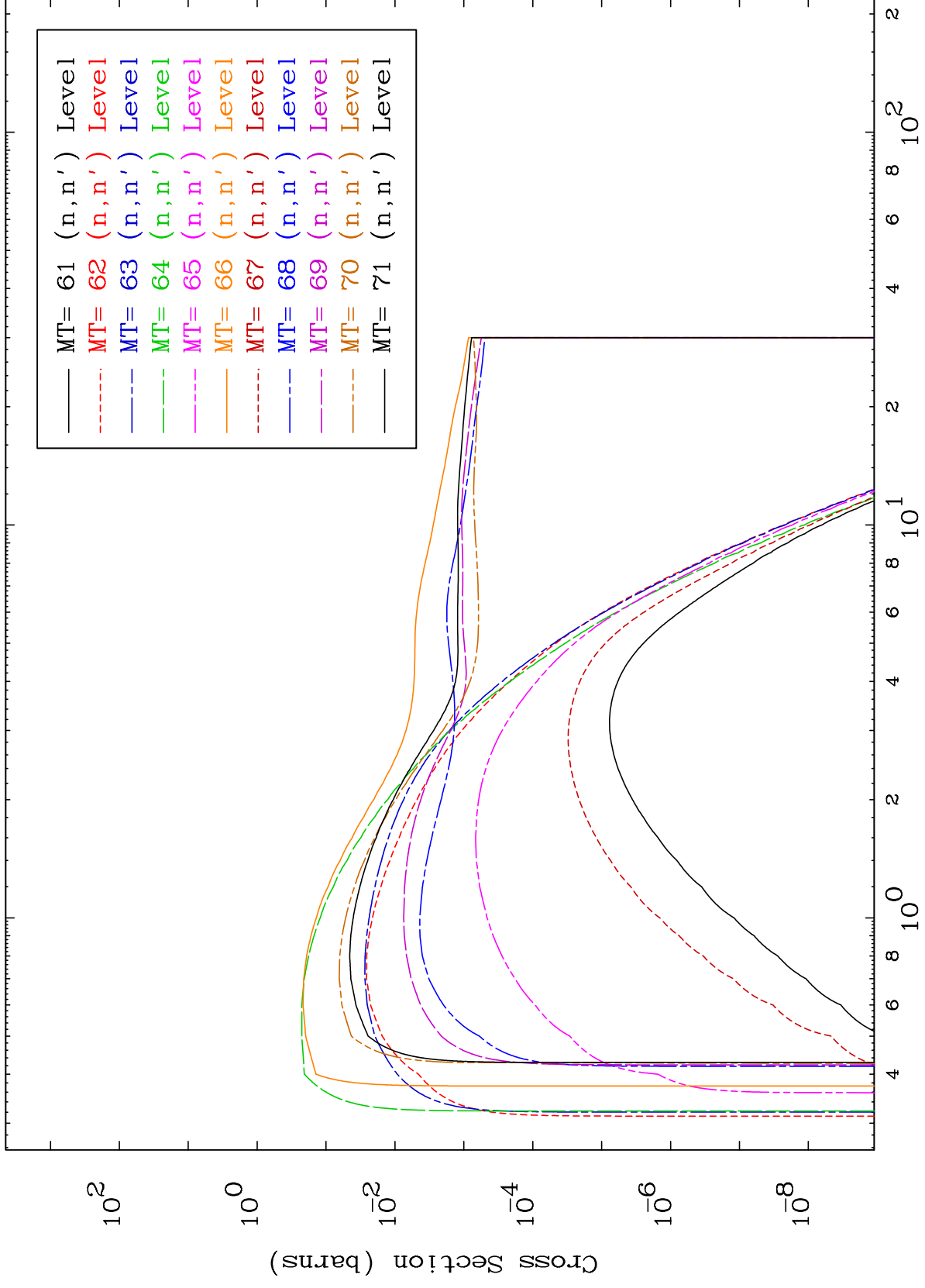


MAT 7325

(n,n') Level

73-Ta-180

293 Kelvin Cross Sections

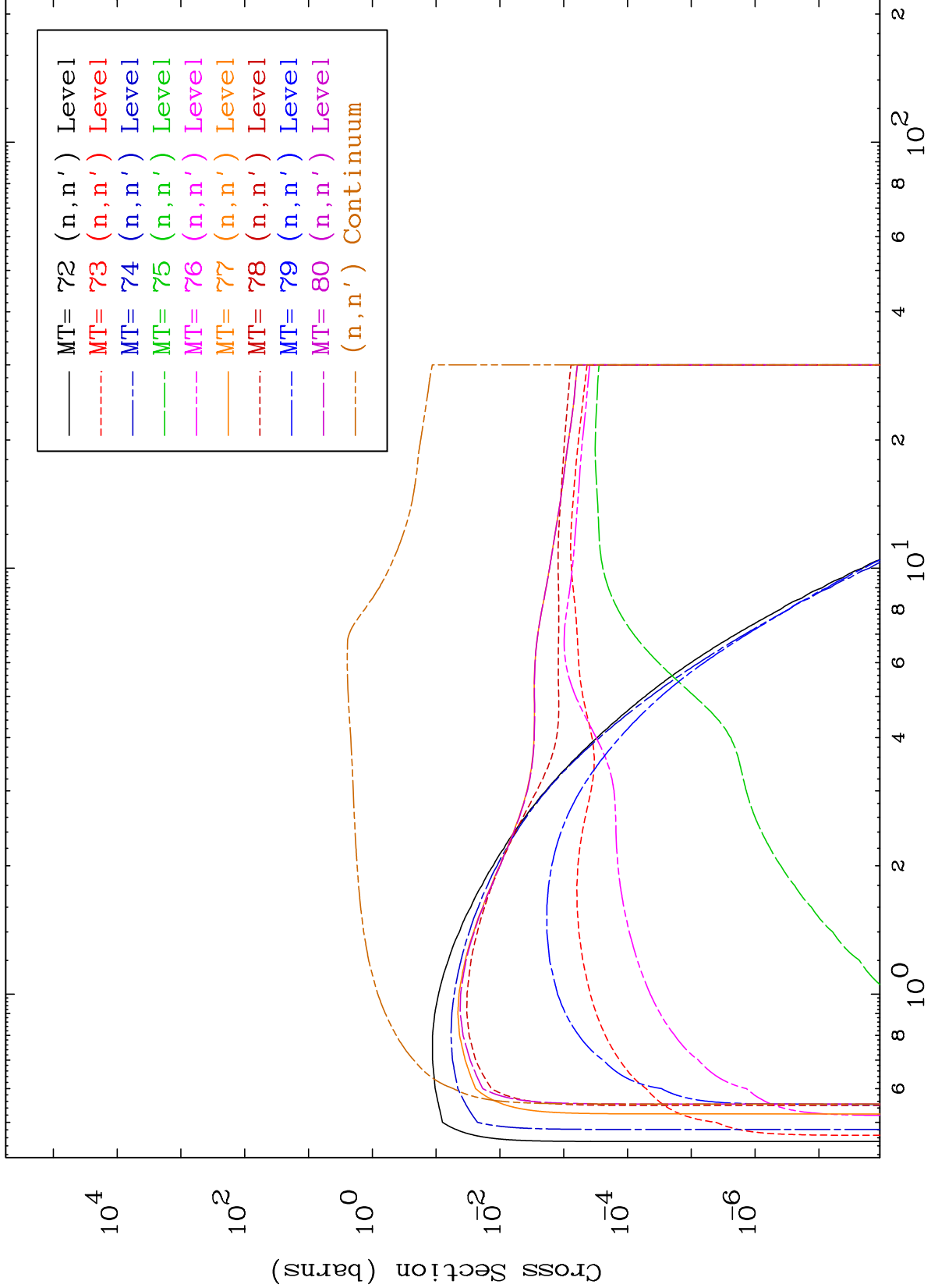


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Incident Energy (MeV)

73-Ta-180

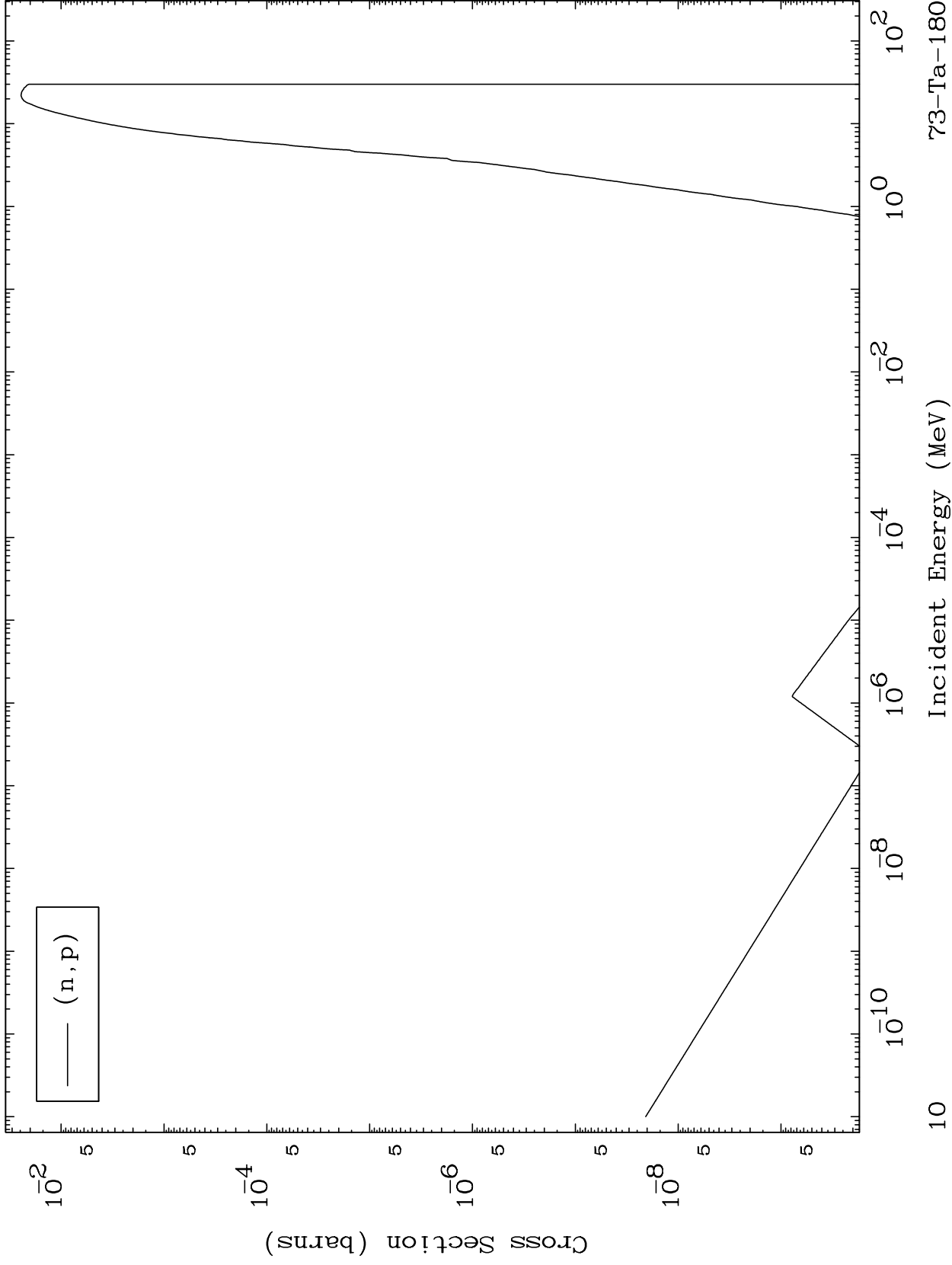
293 Kelvin Cross Sections



MAT 7325

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-180



10

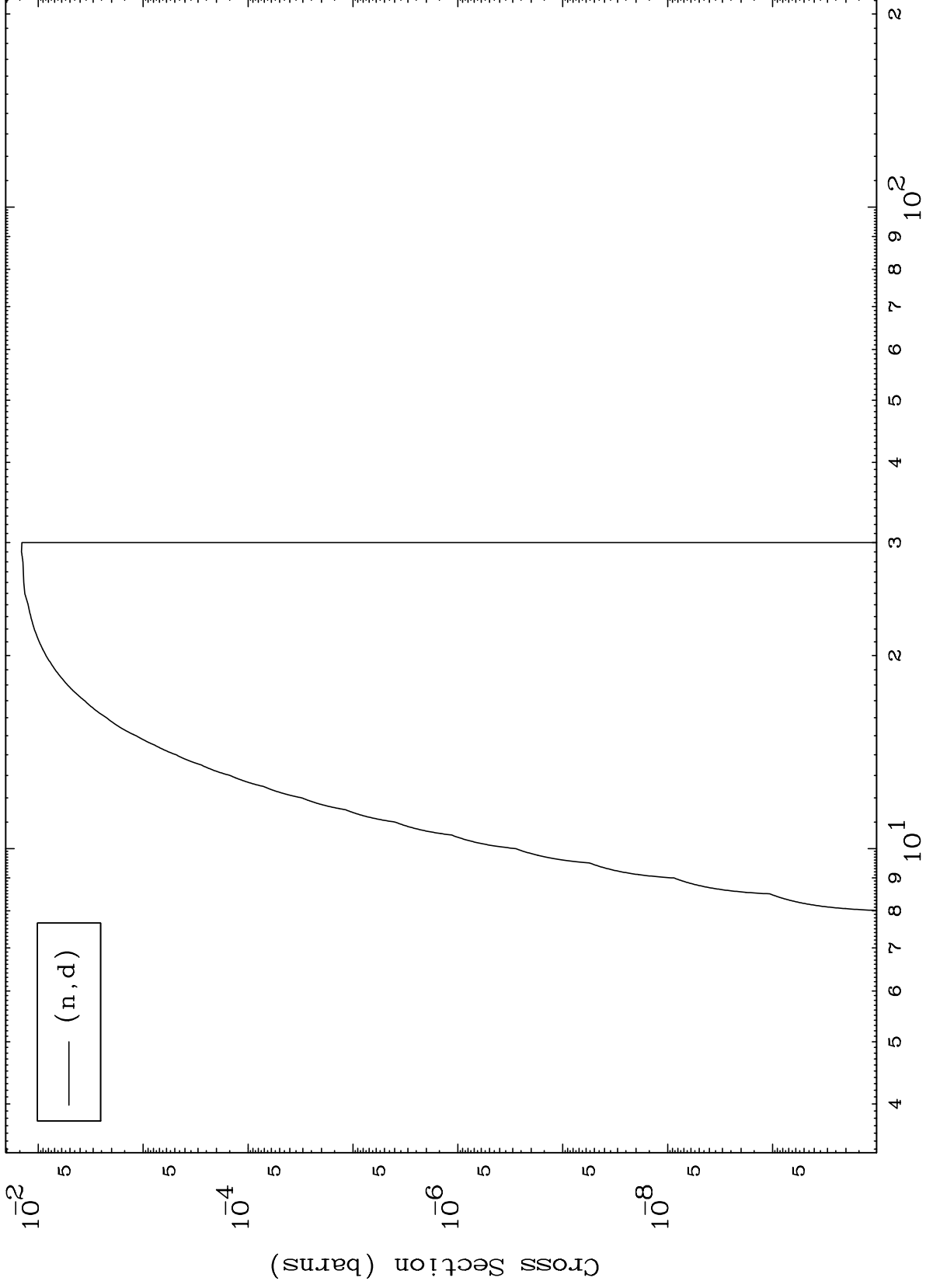
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,d) Levels  
293 Kelvin Cross Sections

73-Ta-180



11

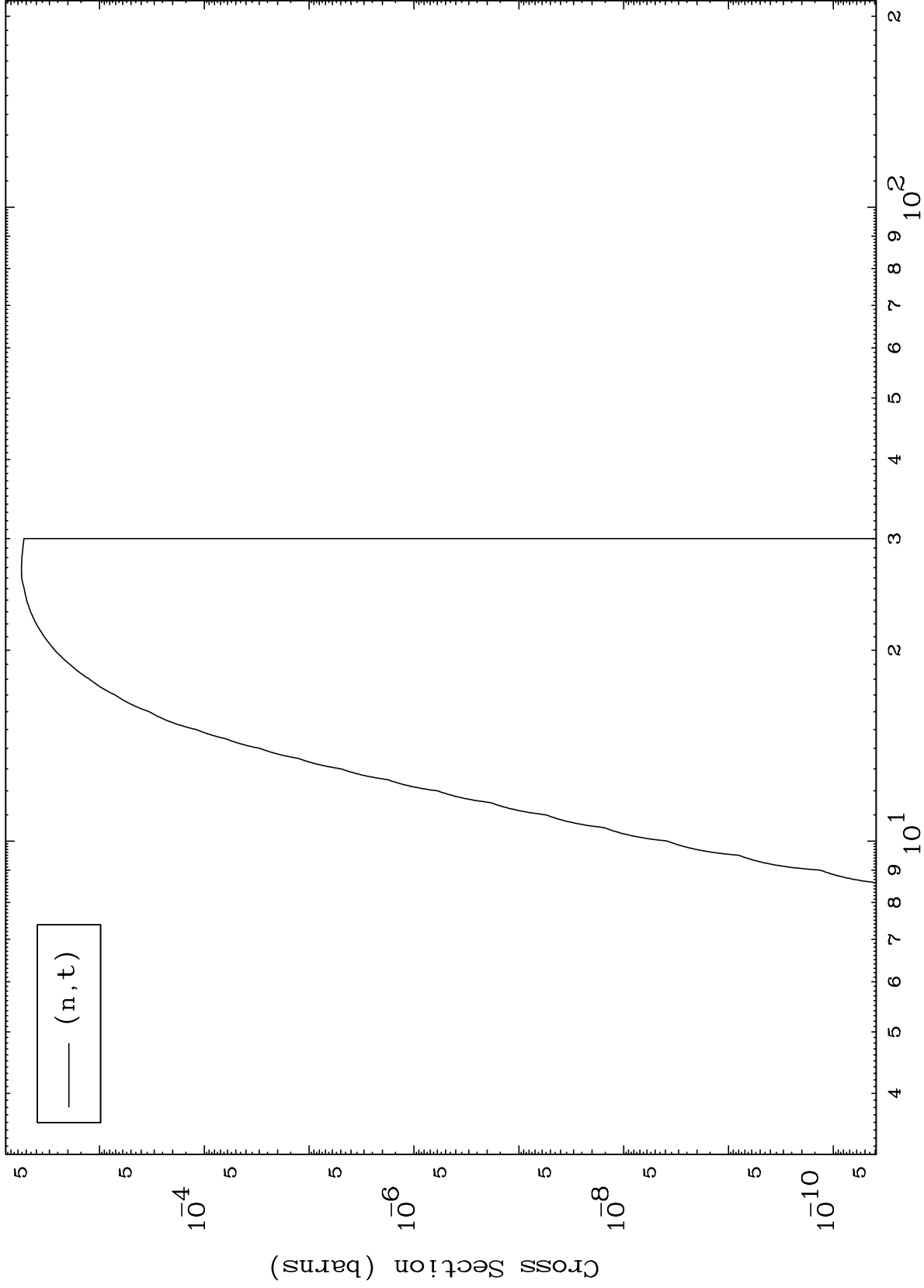
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-180



12

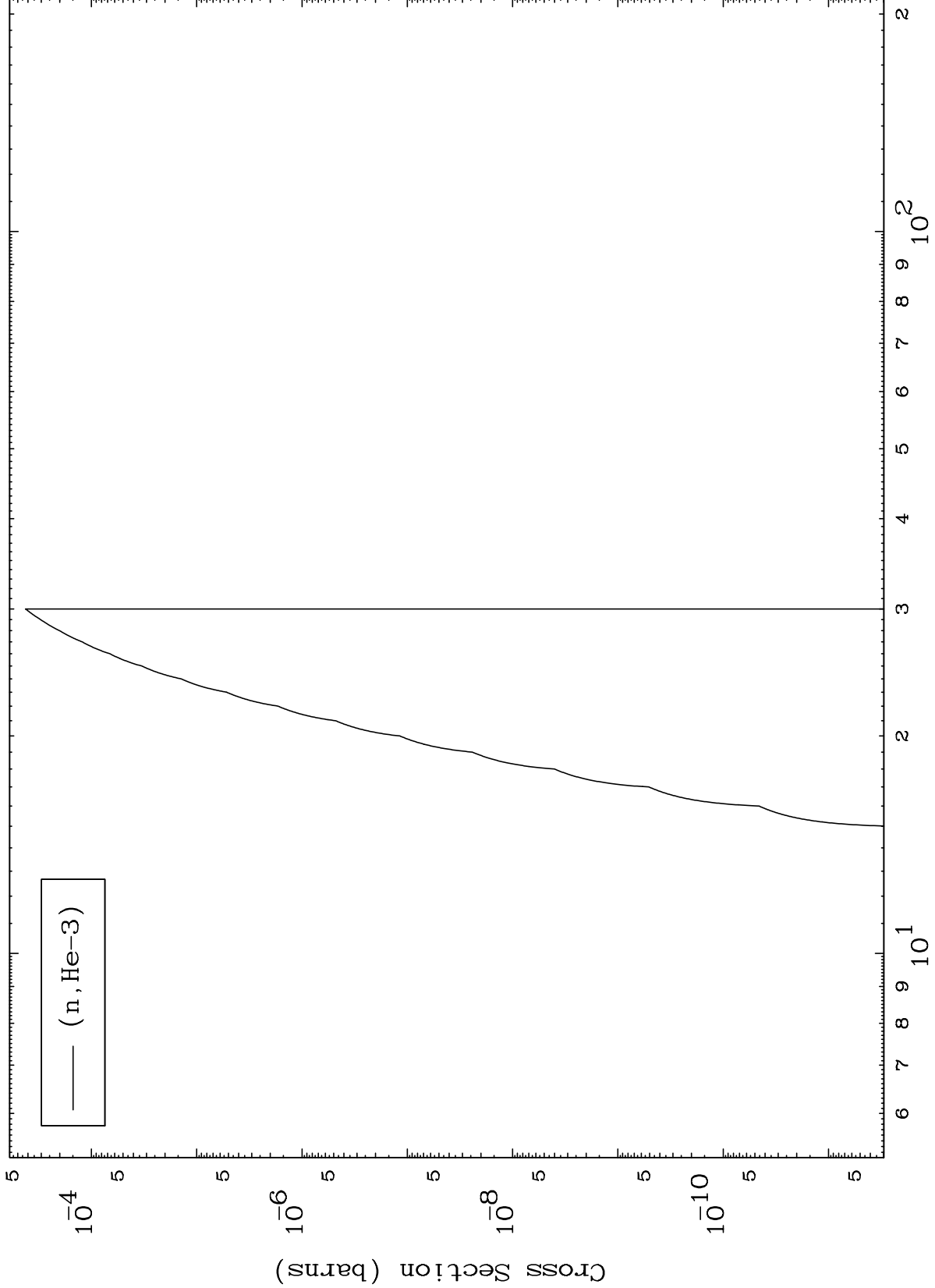
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-180



13

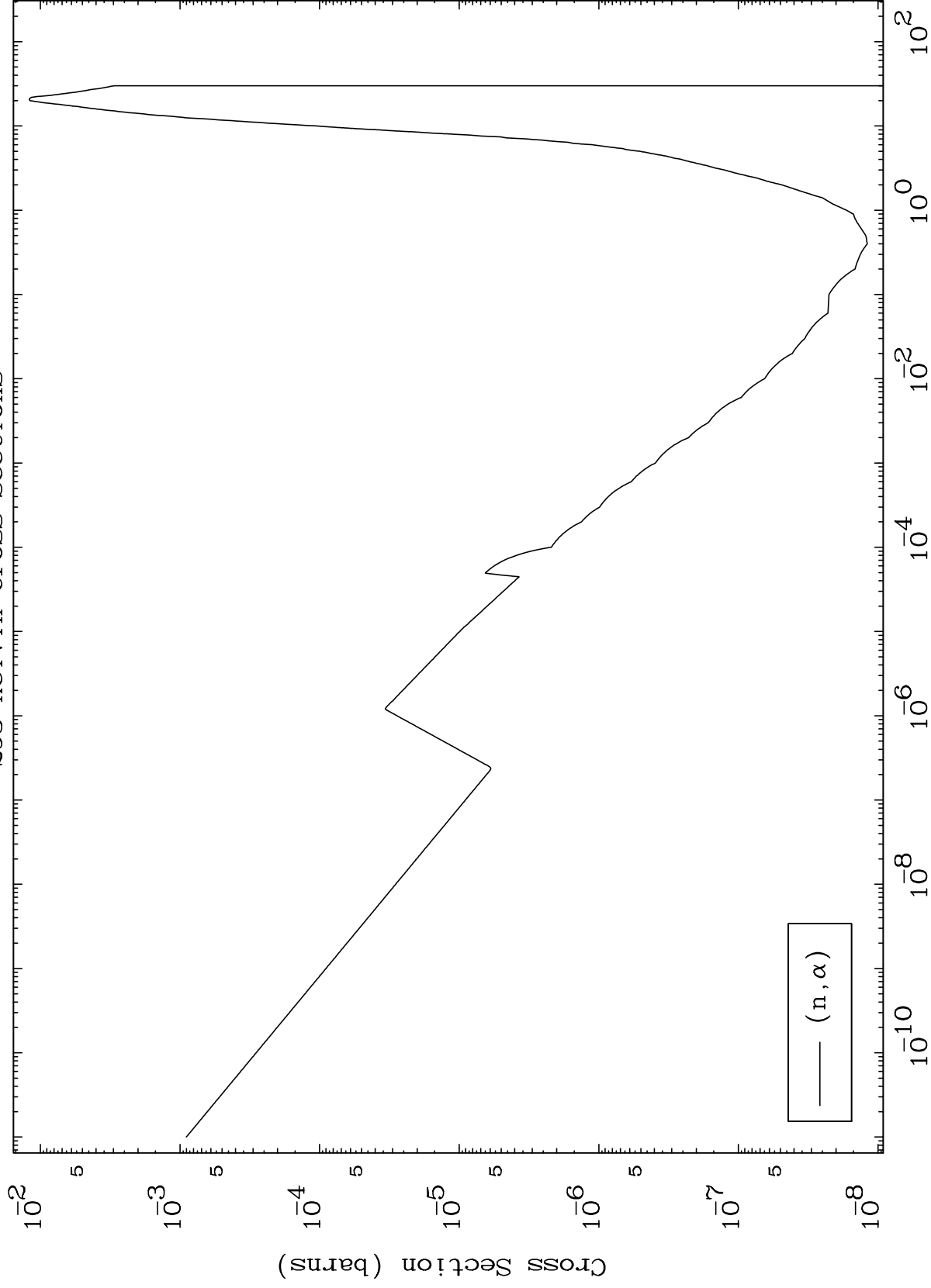
Incident Energy (MeV)

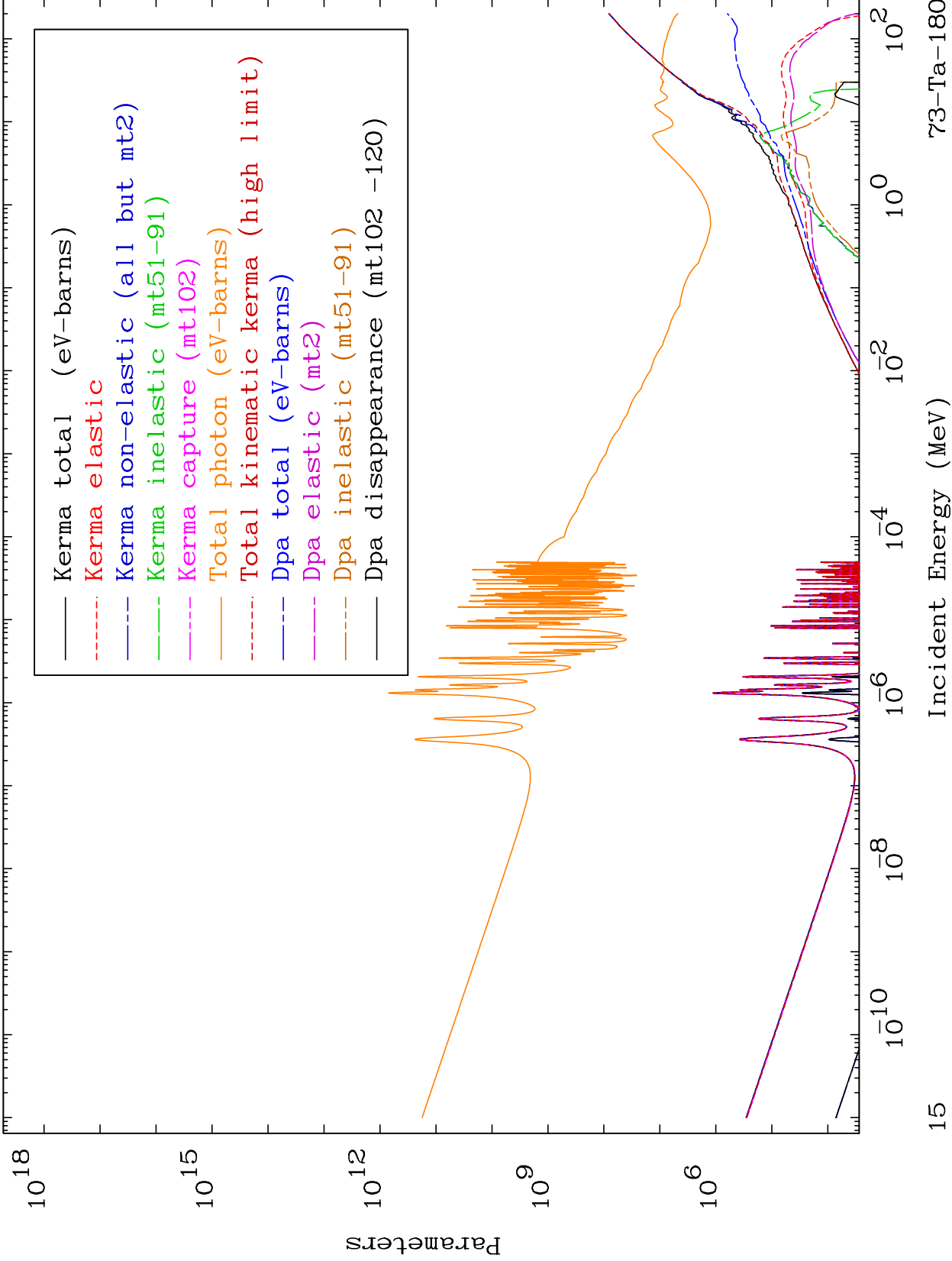
73-Ta-180

MAT 7325

(n,α) Levels  
293 Kelvin Cross Sections

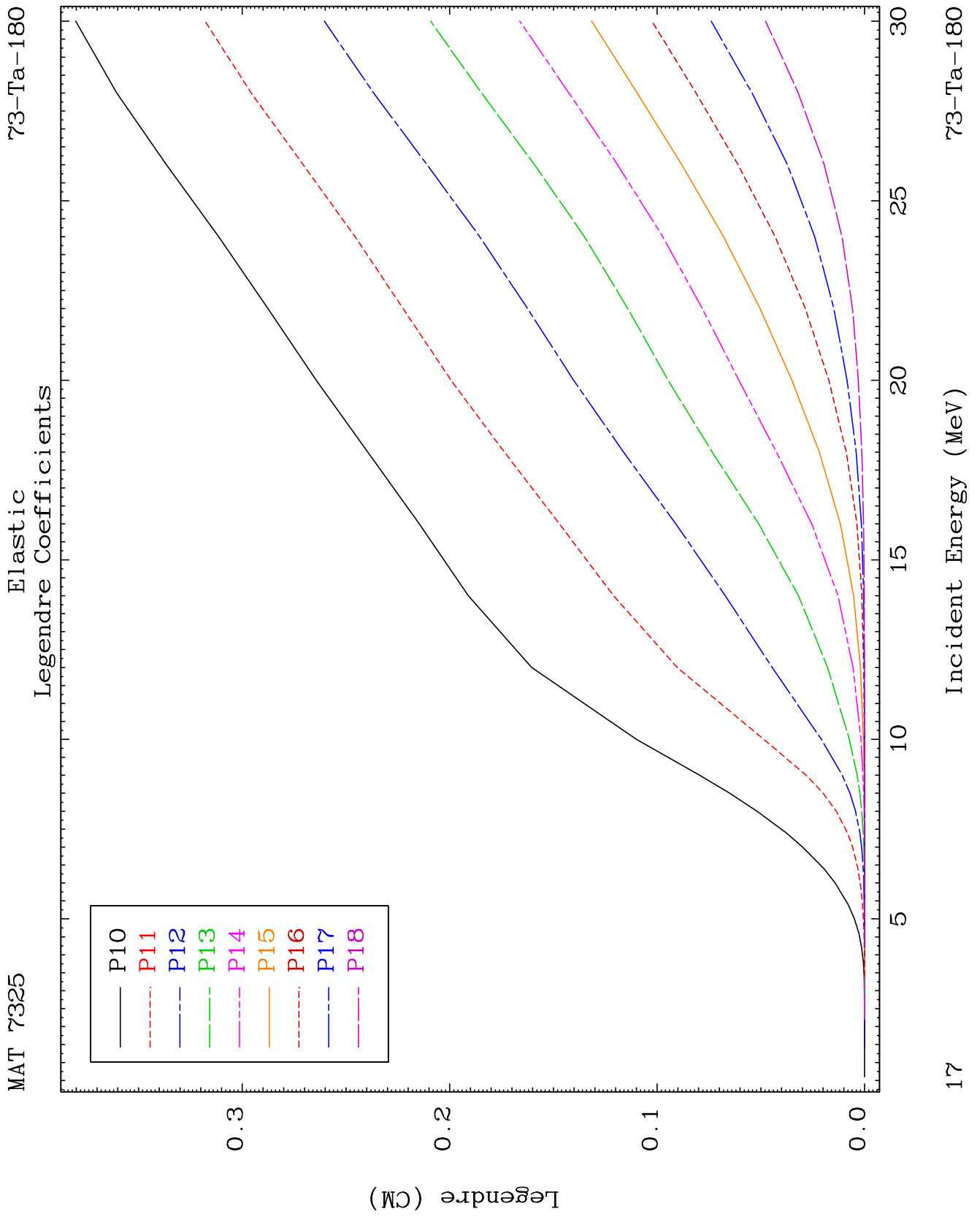
73-Ta-180







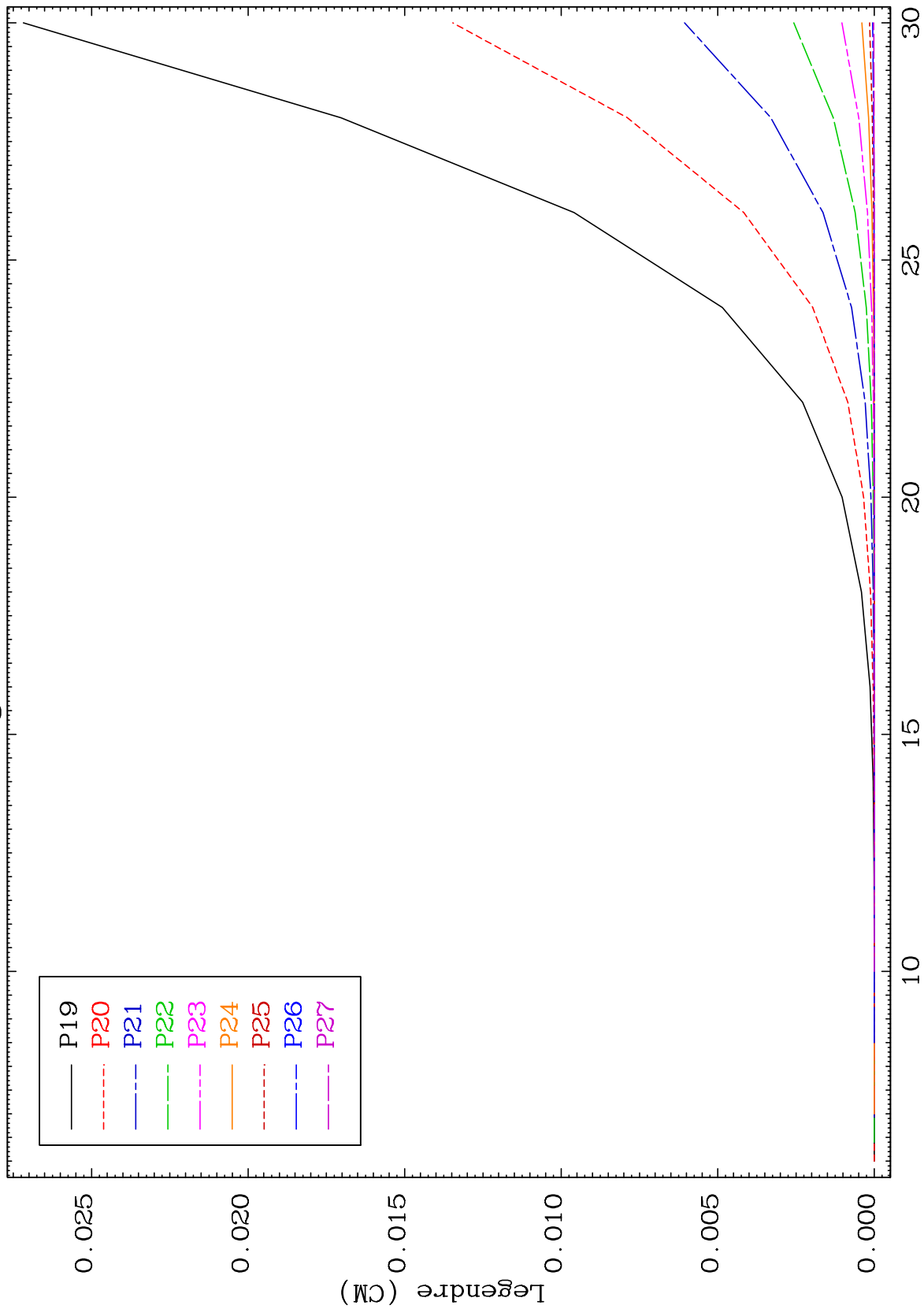




MAT 7325

Elastic  
Legendre Coefficients

73-Ta-180



18

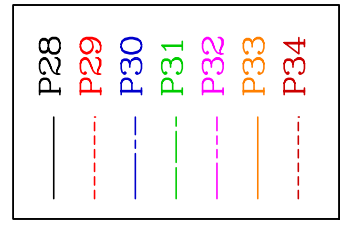
Incident Energy (MeV)

73-Ta-180

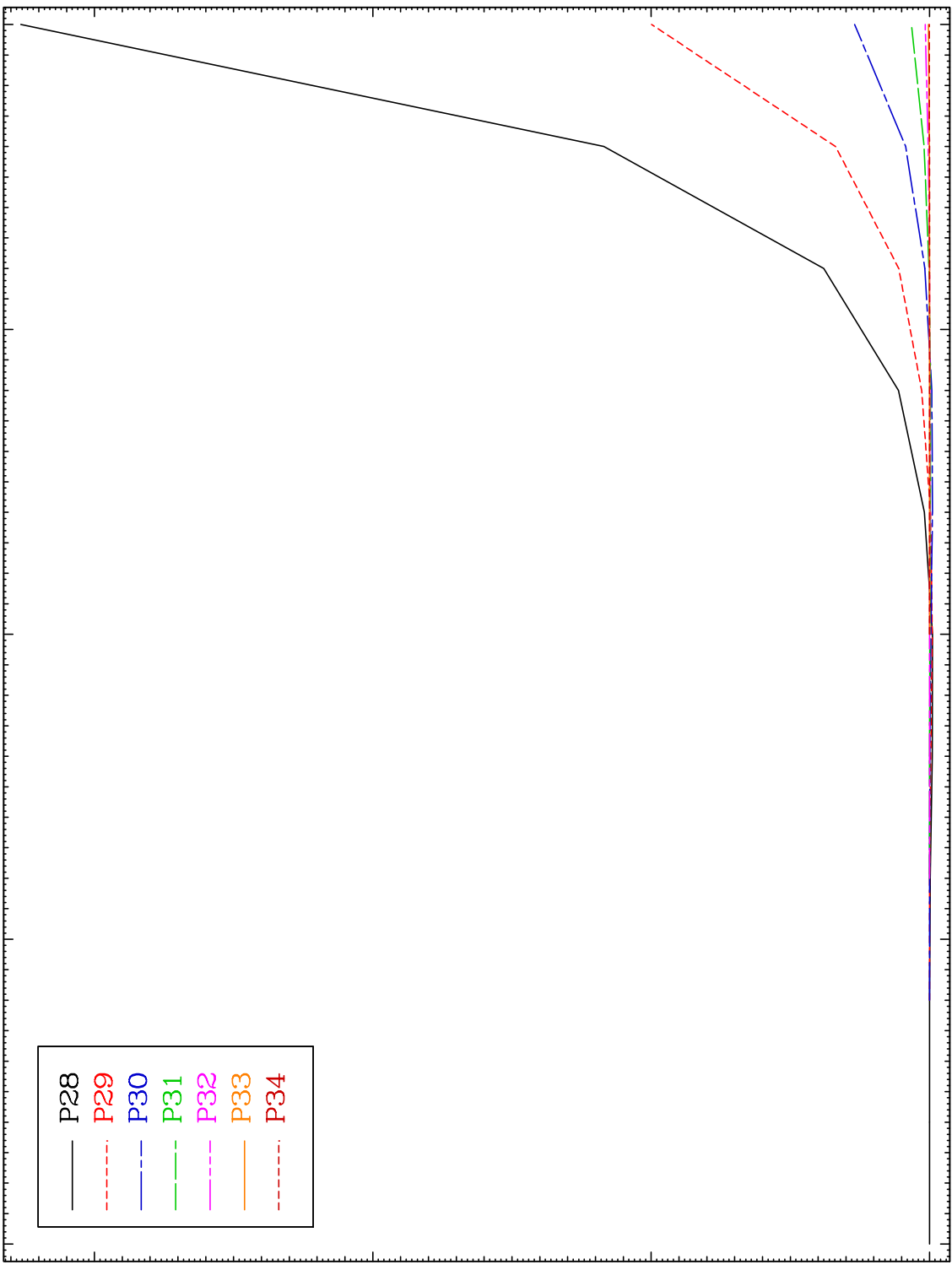
MAT 7325

Elastic Legendre Coefficients

<sup>73</sup>Ta-180



Legendre (CM)  
 $\times 10^{-6}$



10

15

20

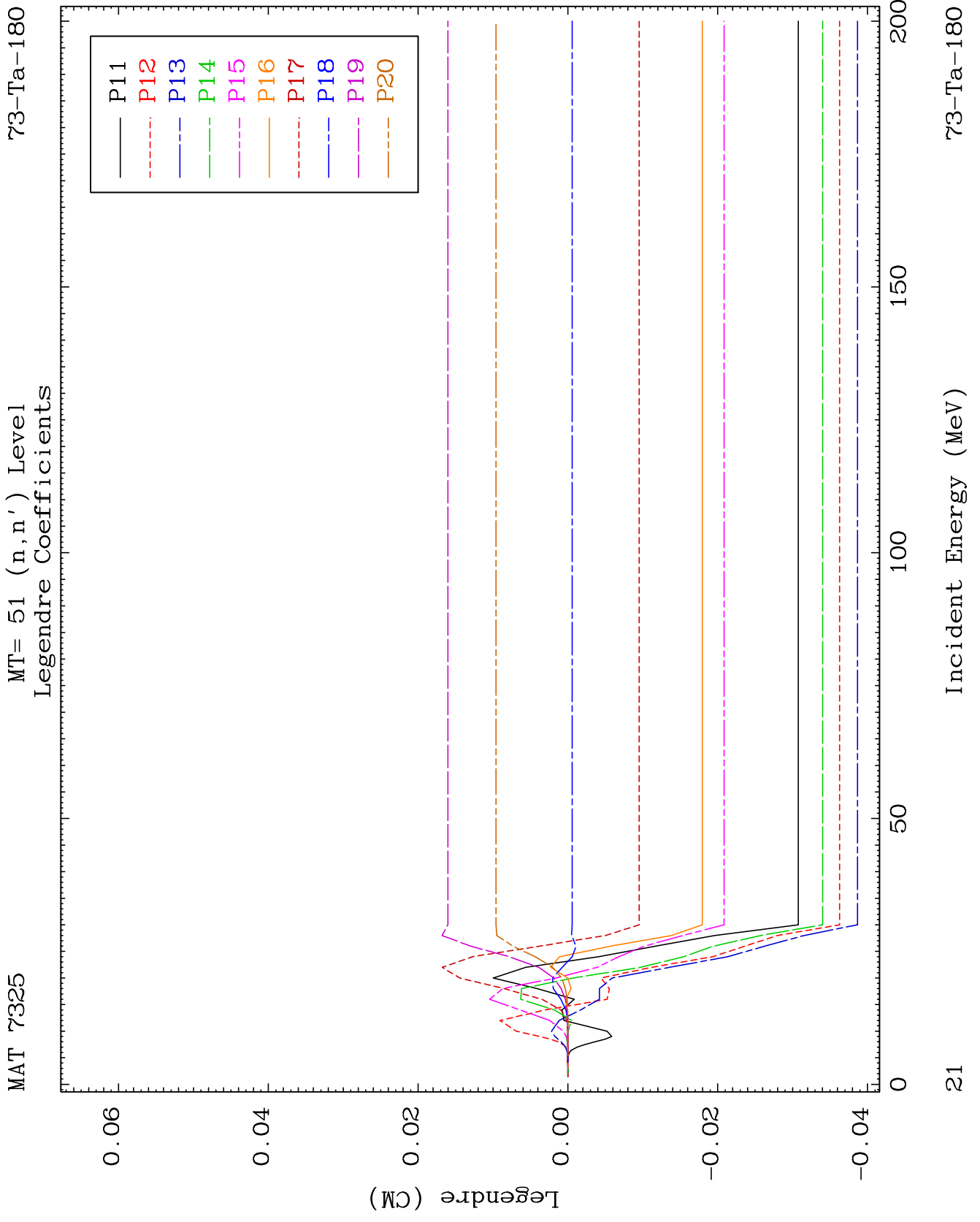
25

30

Incident Energy (MeV)

<sup>73</sup>Ta-180

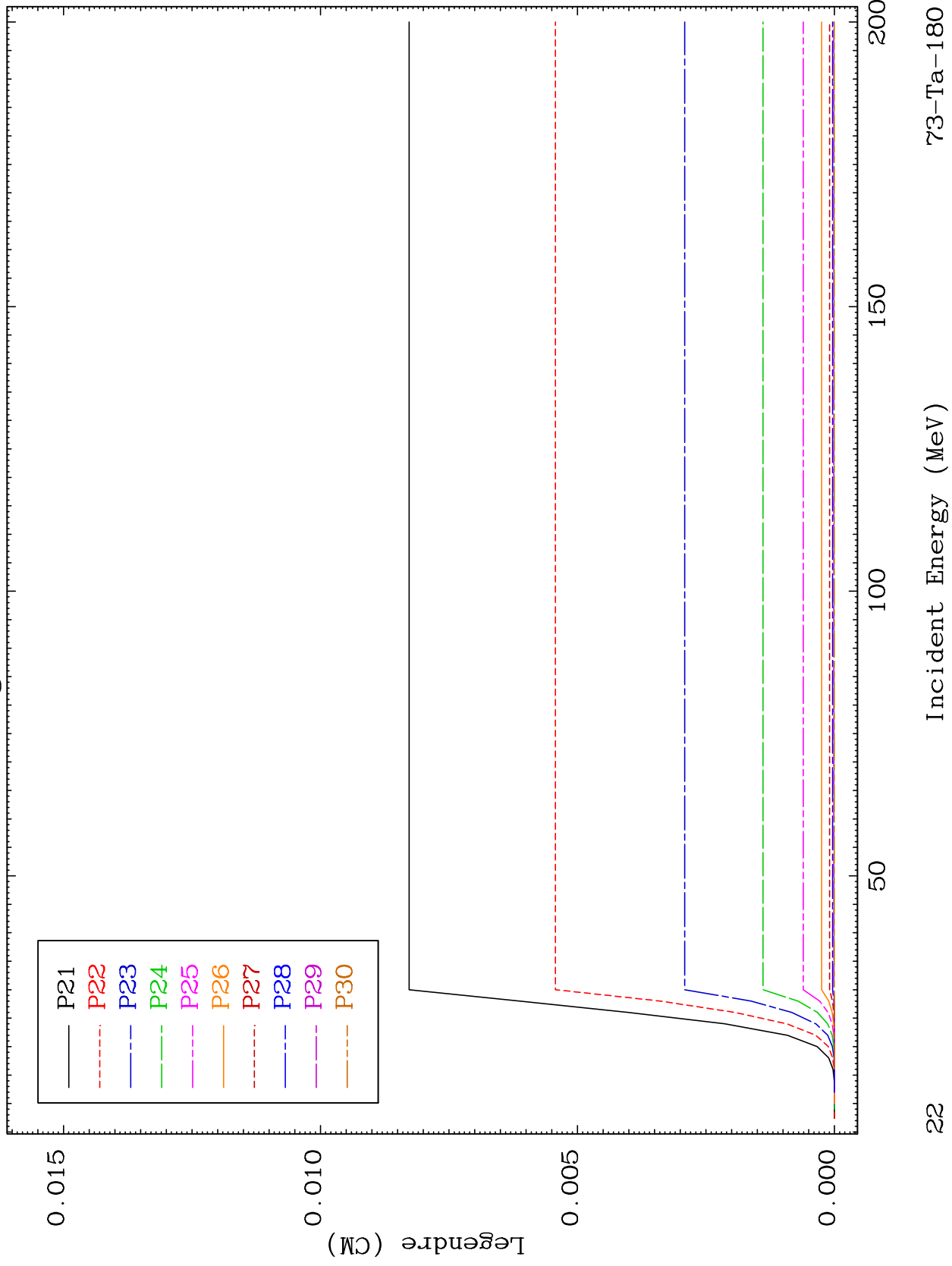


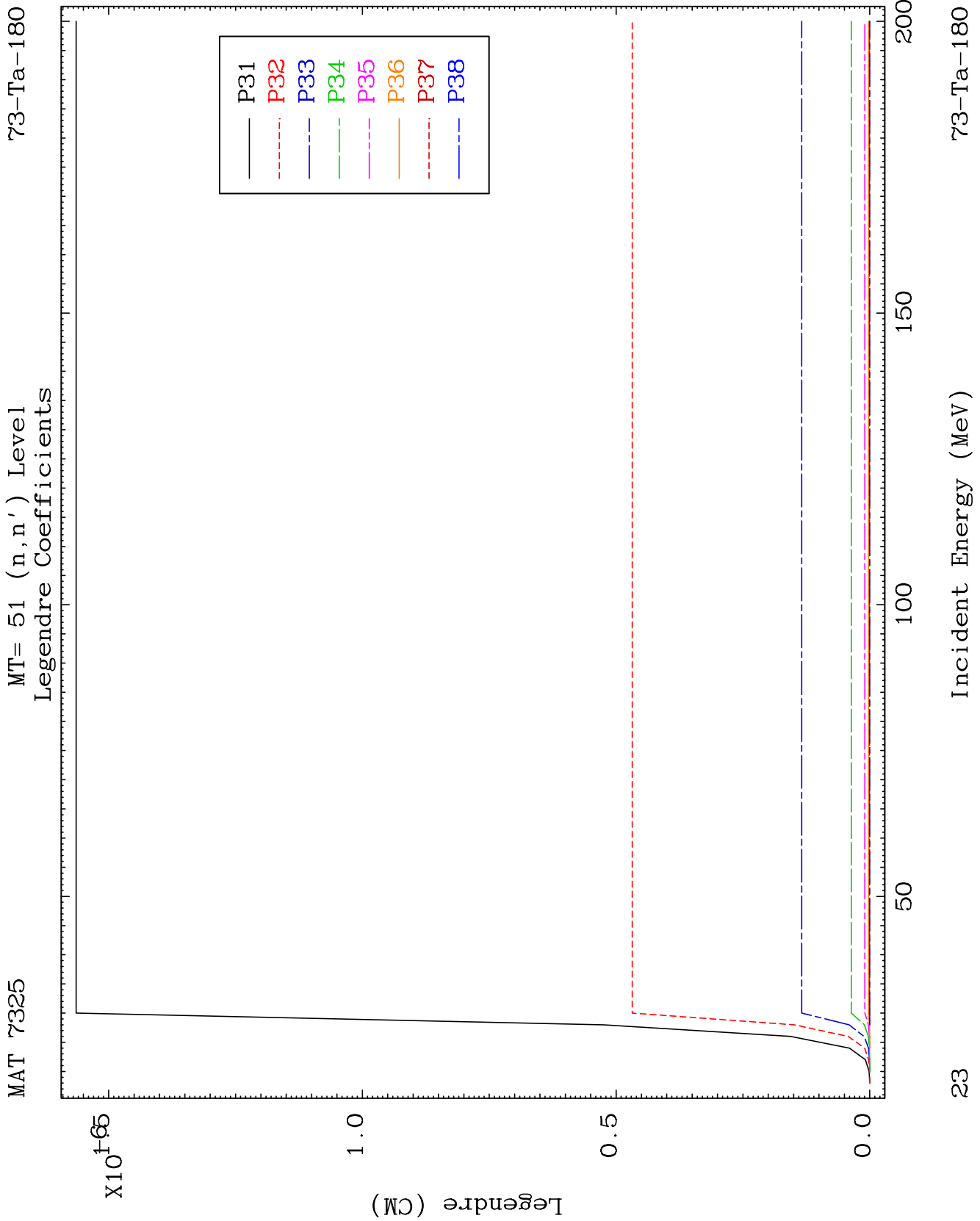


MAT 7325

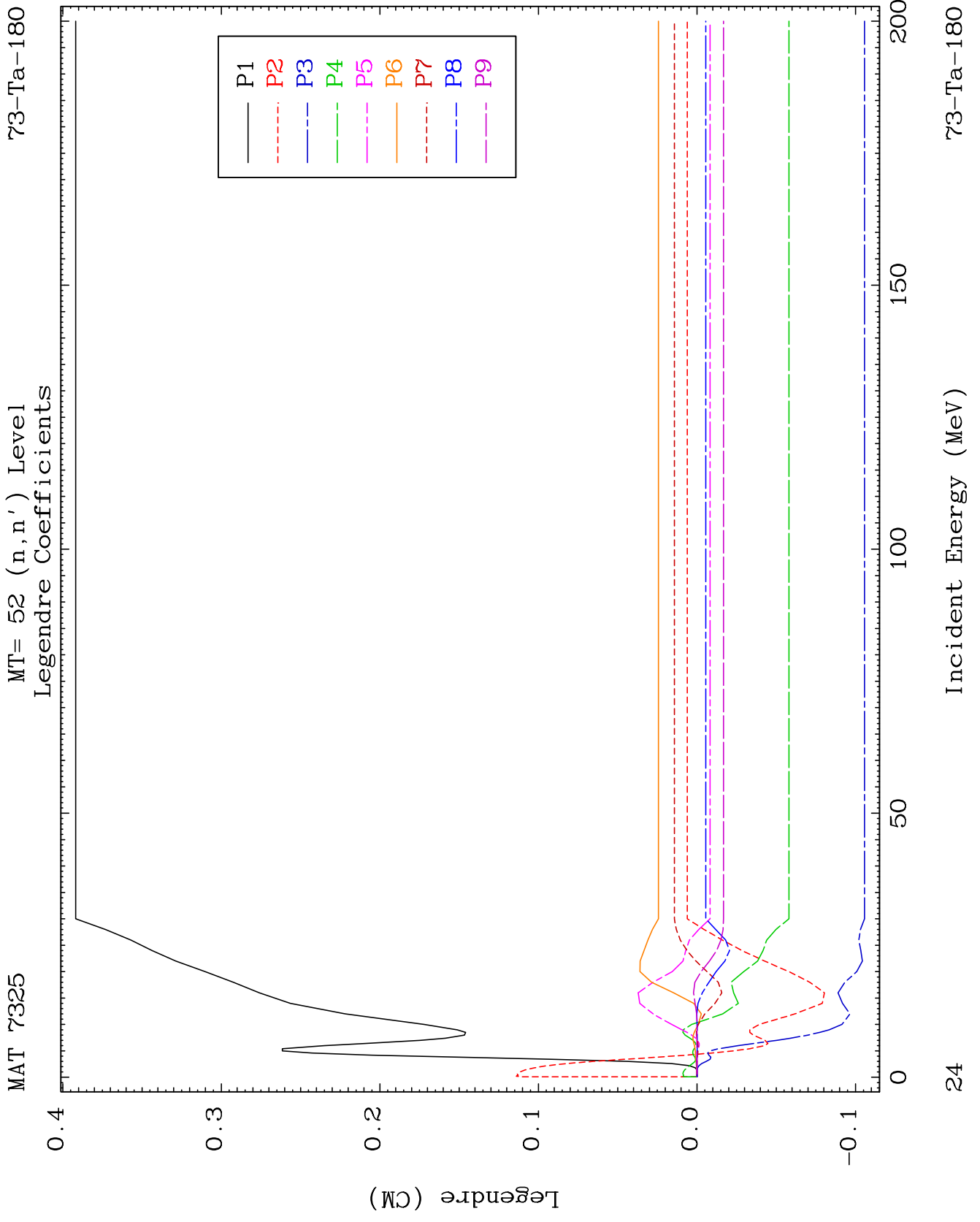
MT= 51 (n,n') Level  
Legendre Coefficients

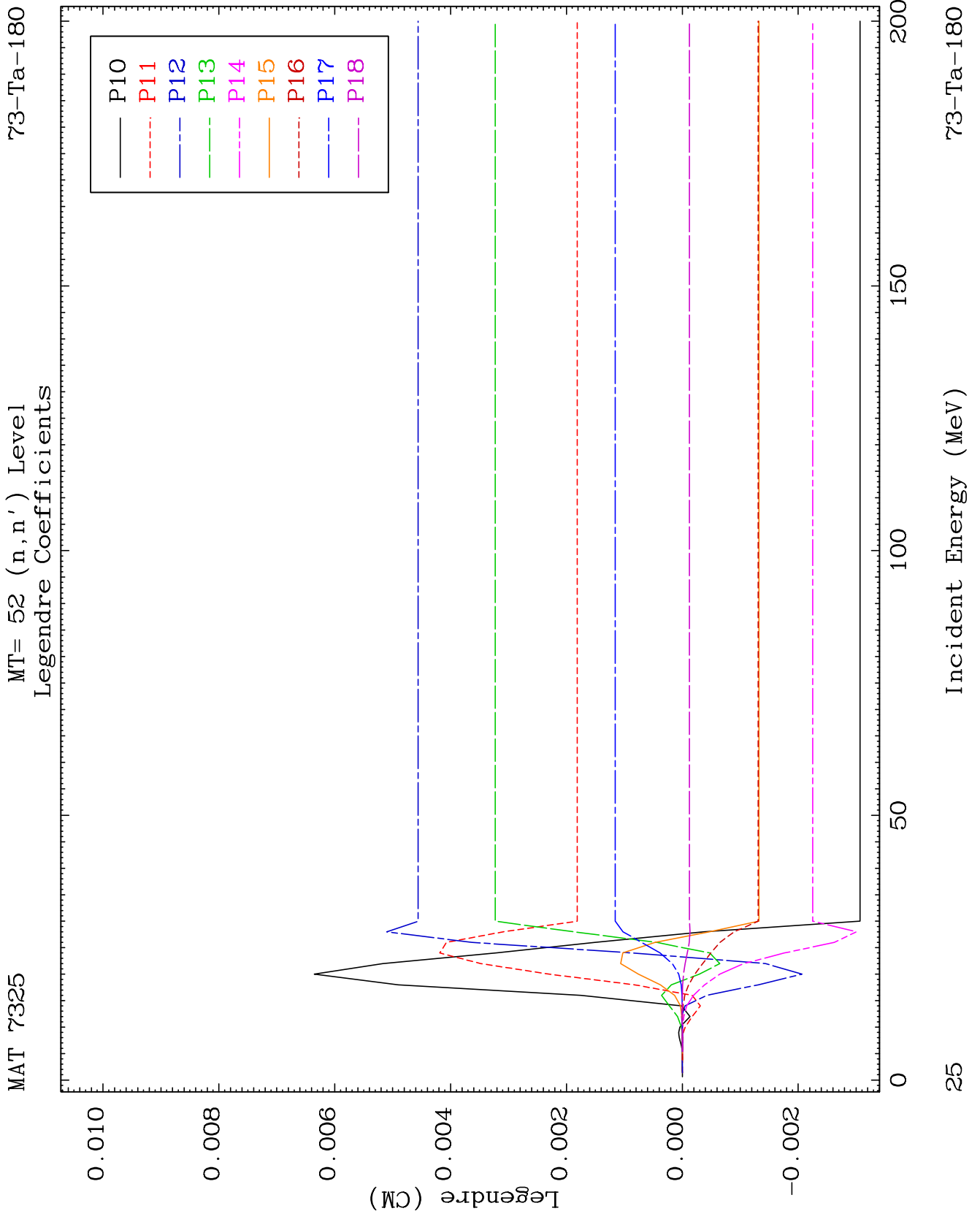
73-Ta-180







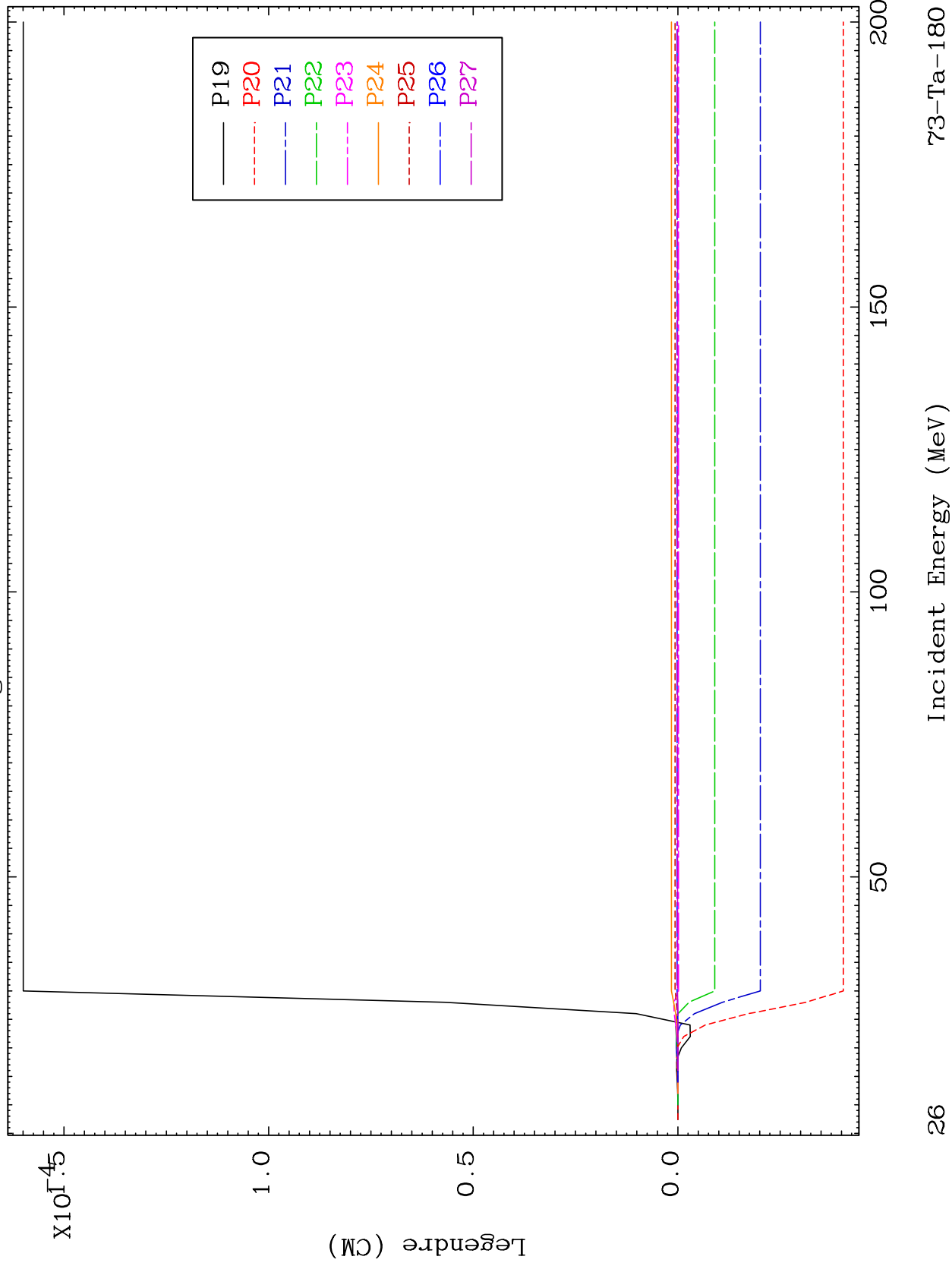




MAT 7325

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

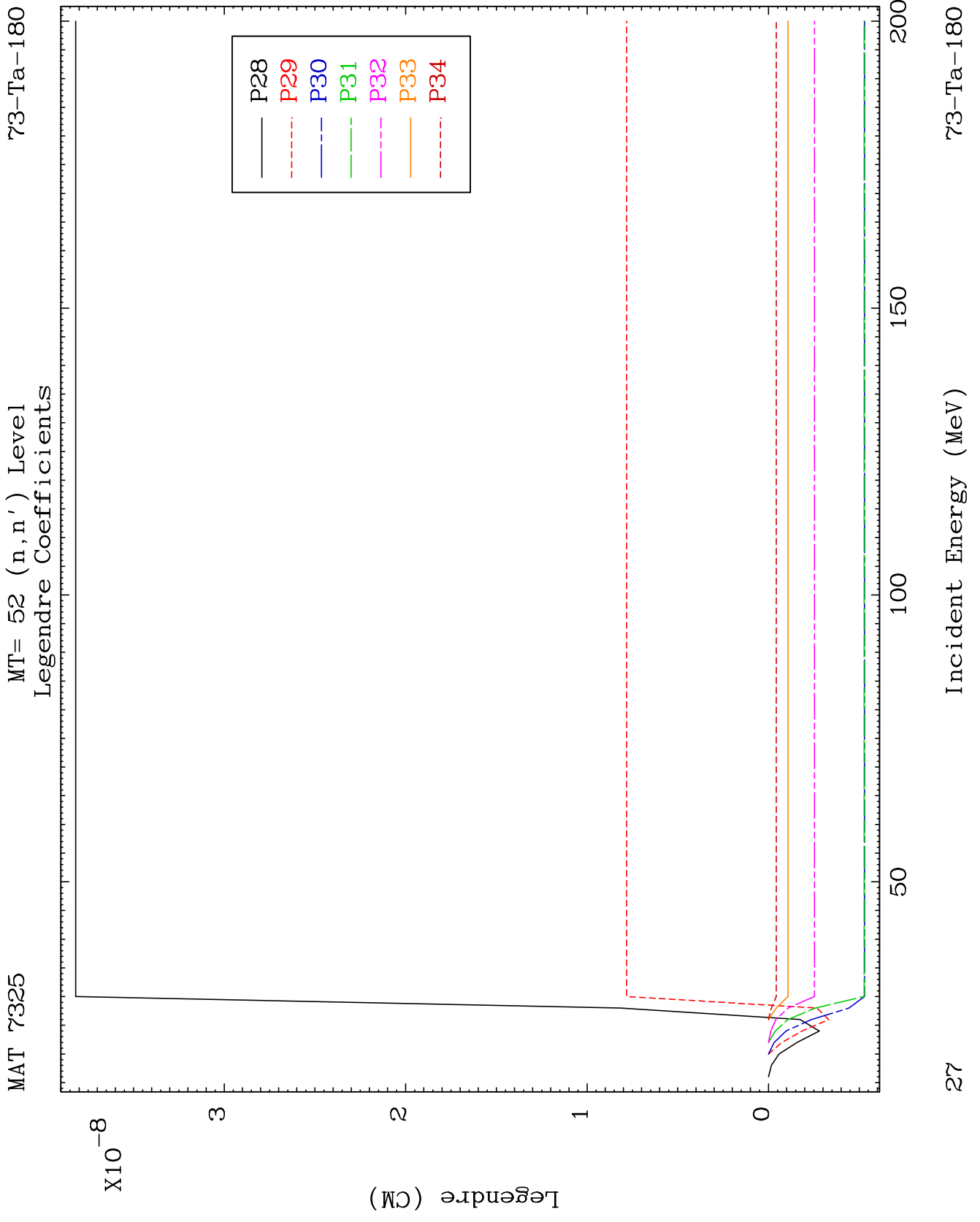
73-Ta-180



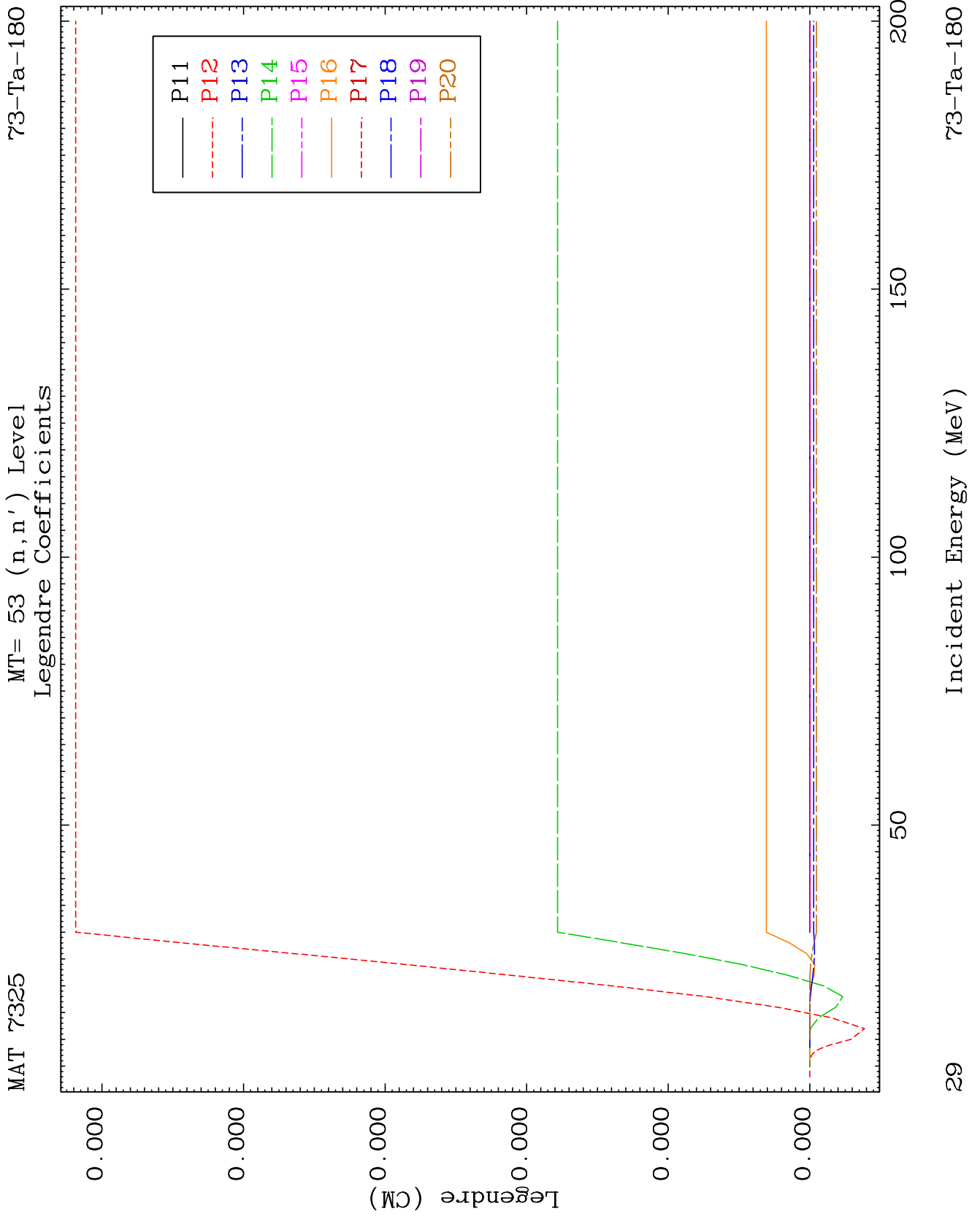
26

Incident Energy (MeV)

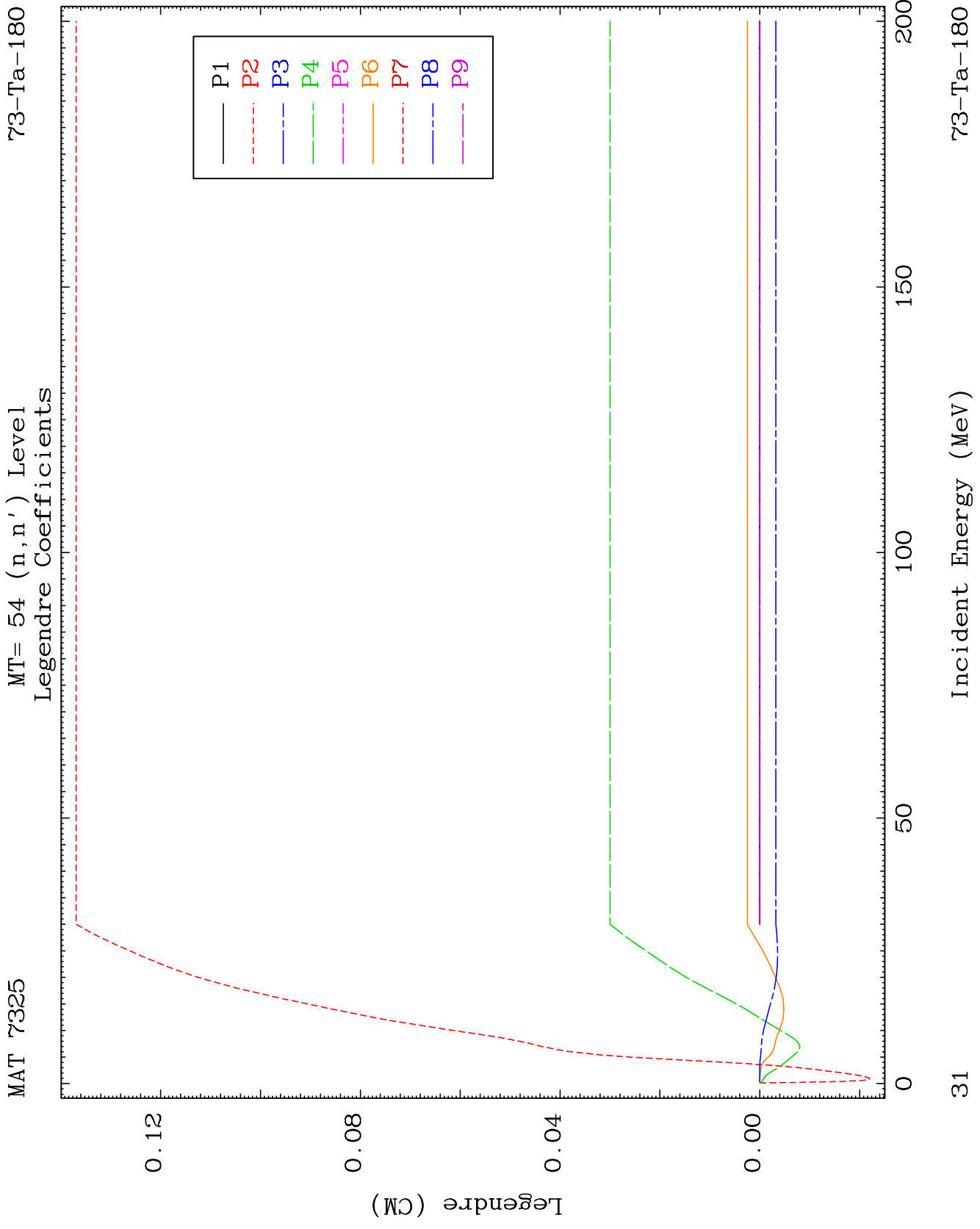
73-Ta-180



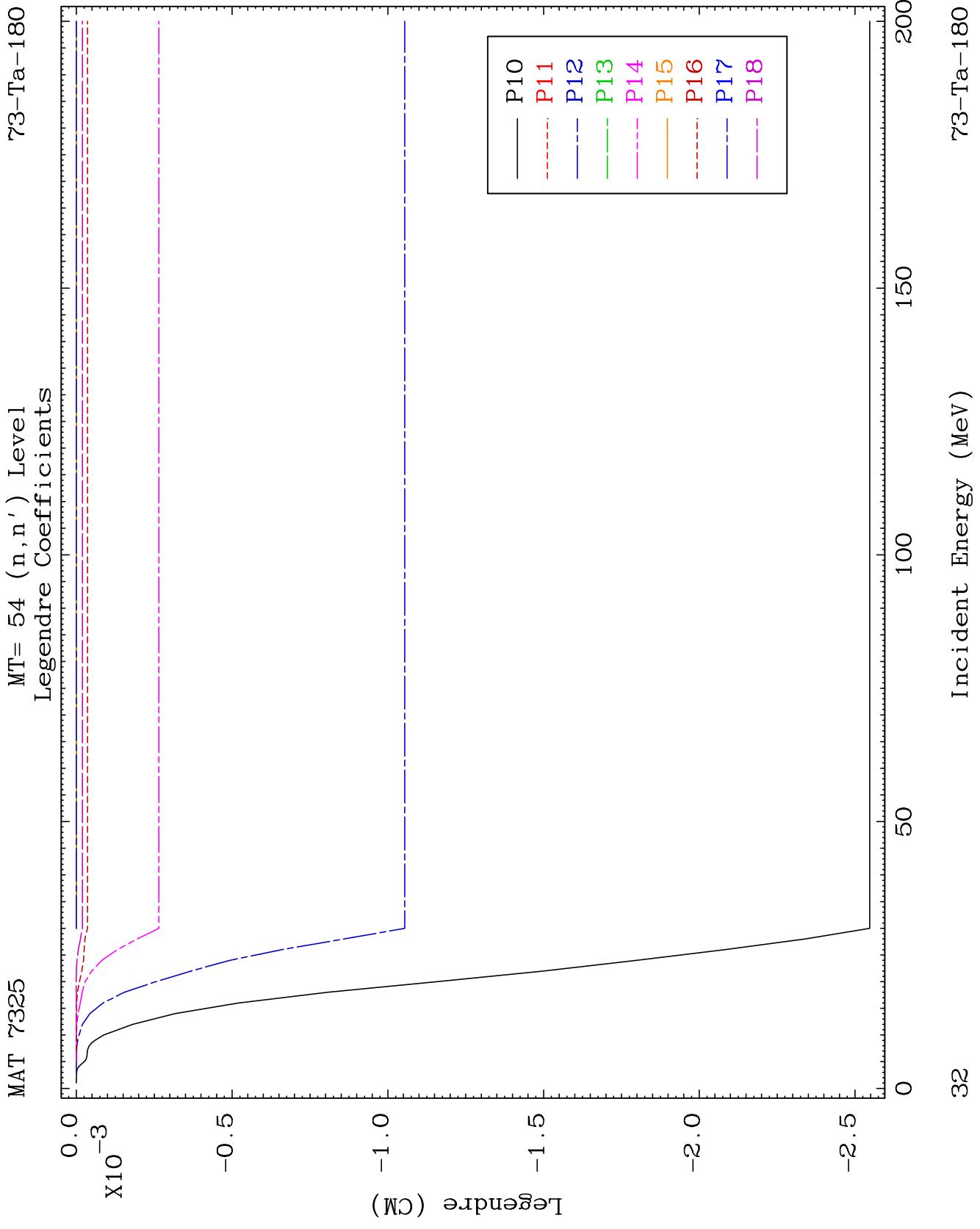




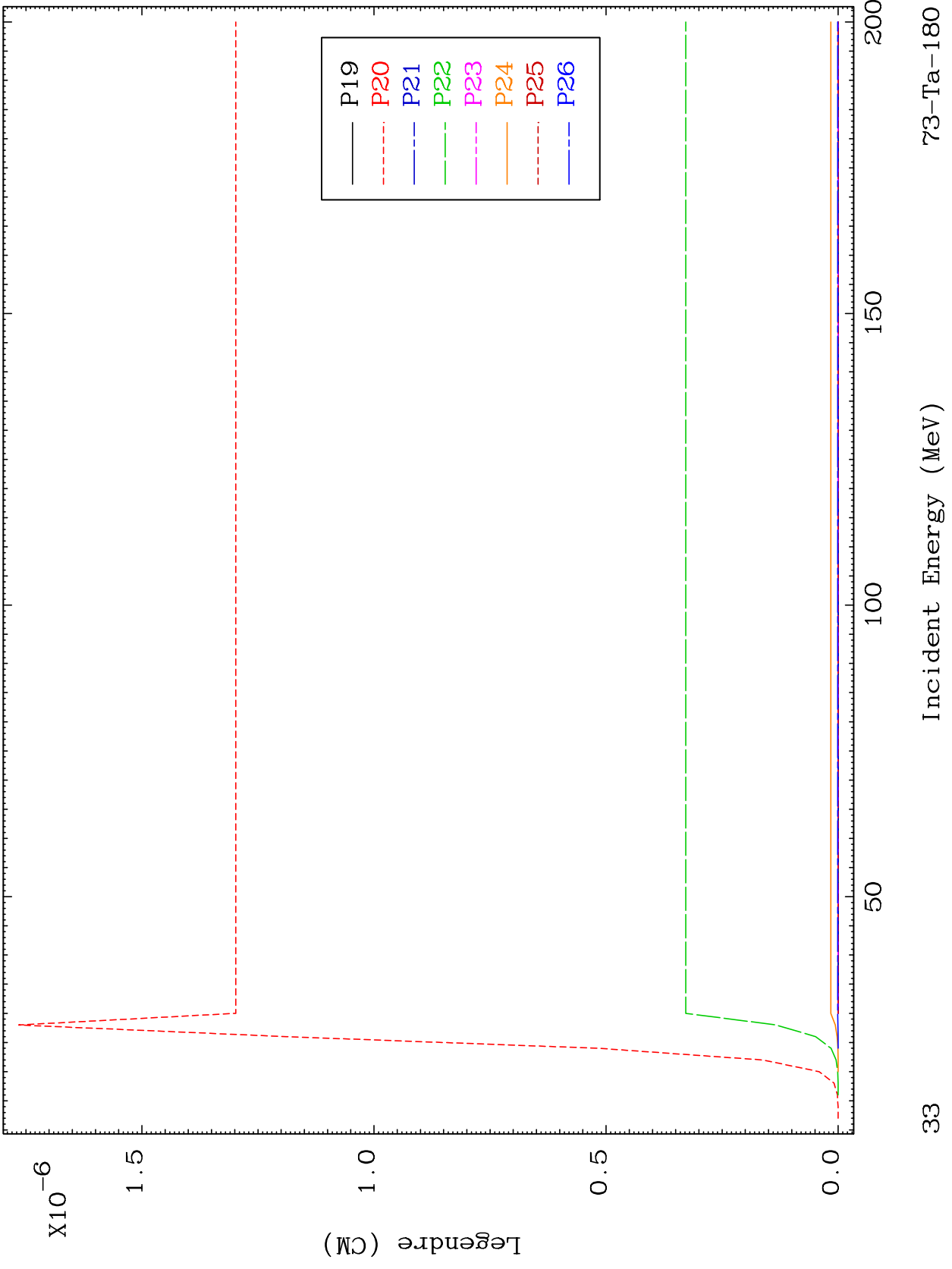


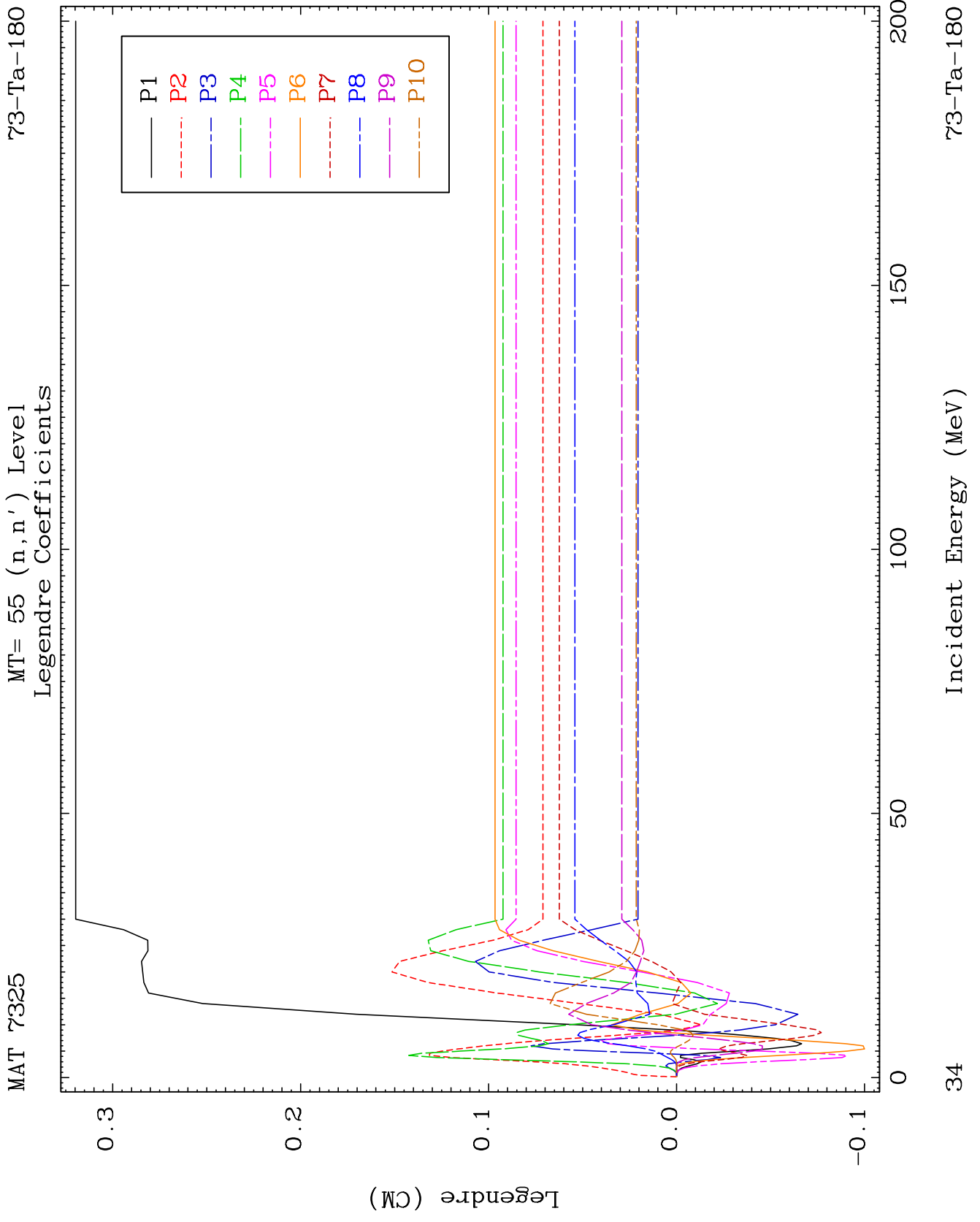


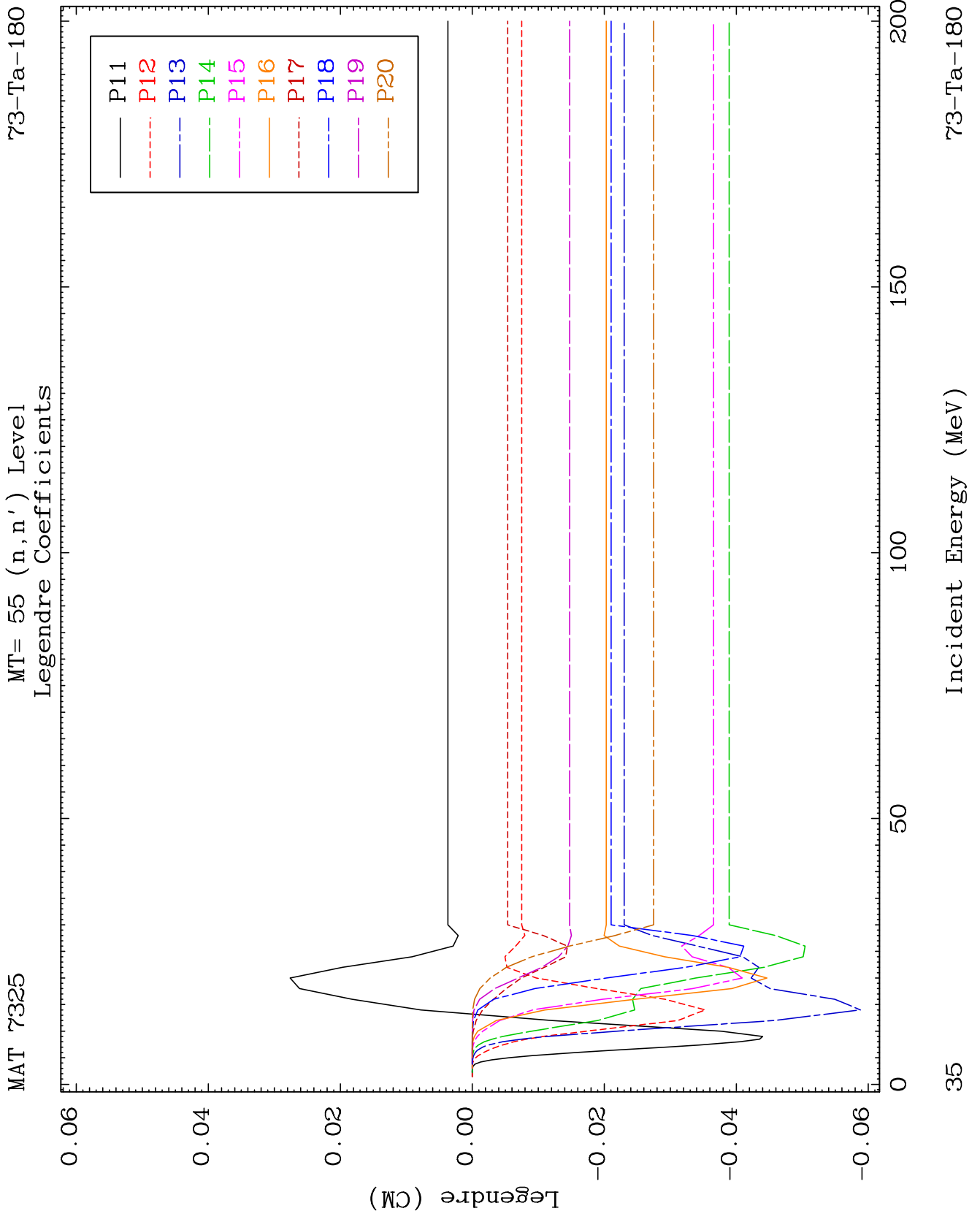


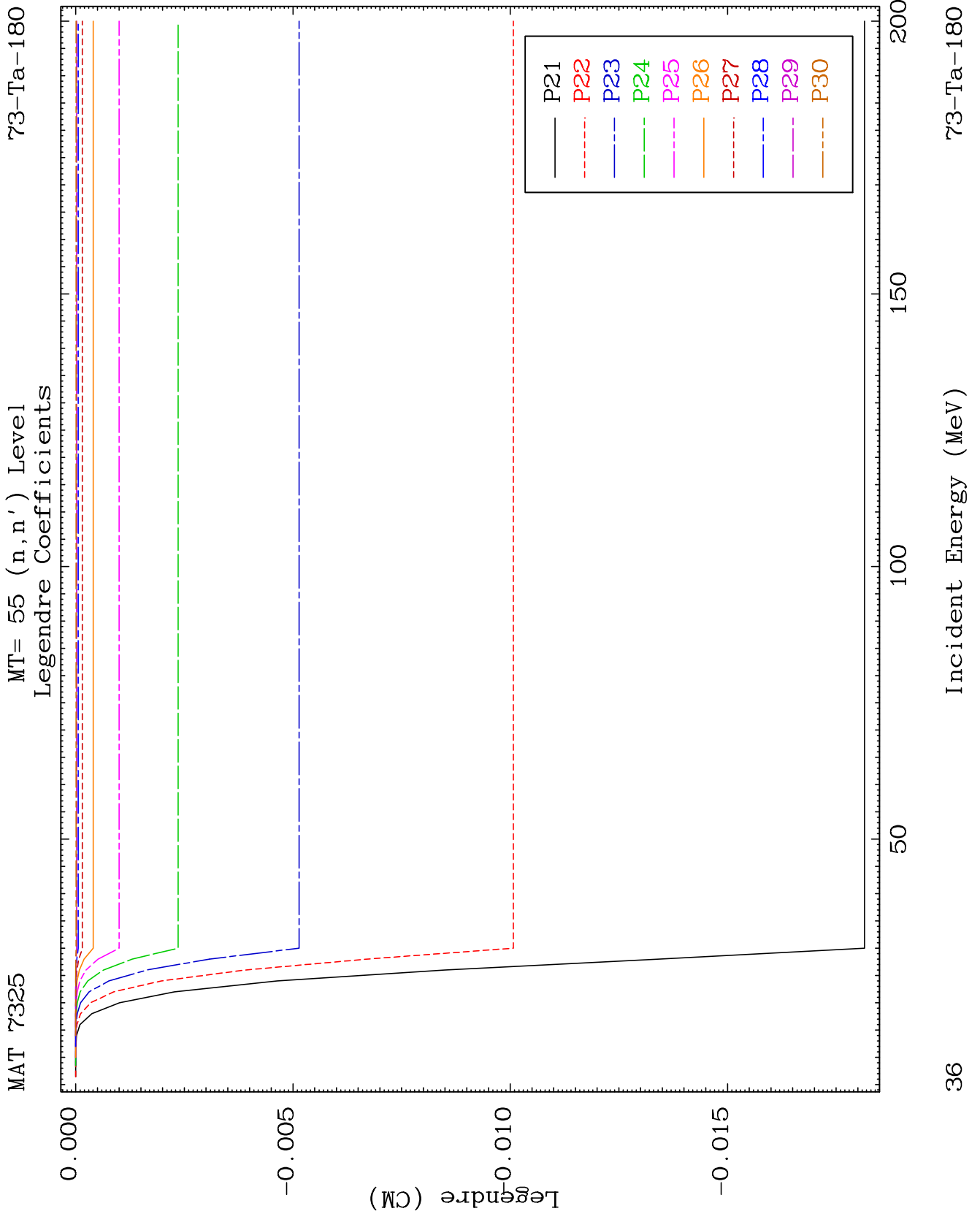


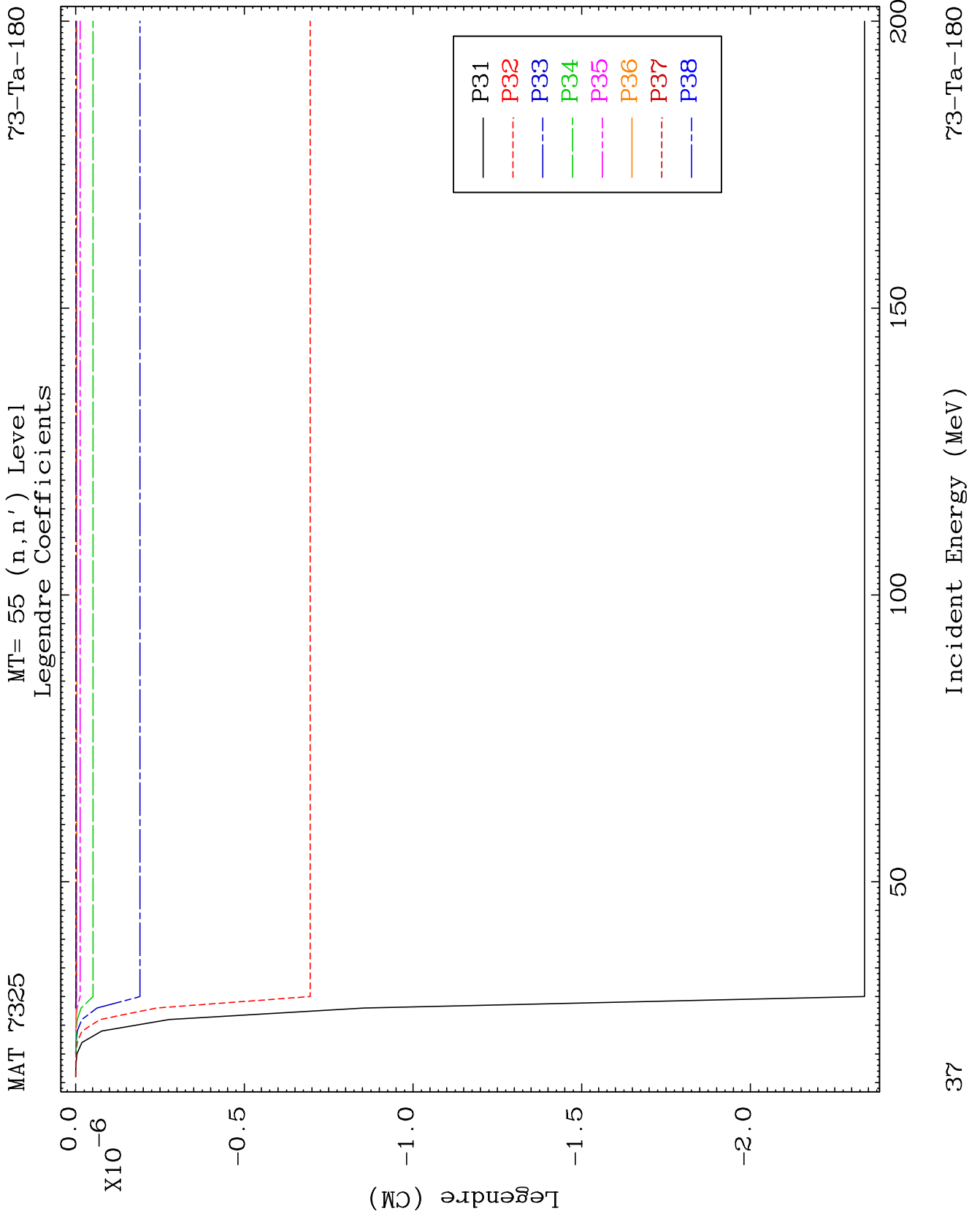
MAT 7325 MT= 54 (n,n') Level Legendre Coefficients 73-Ta-180

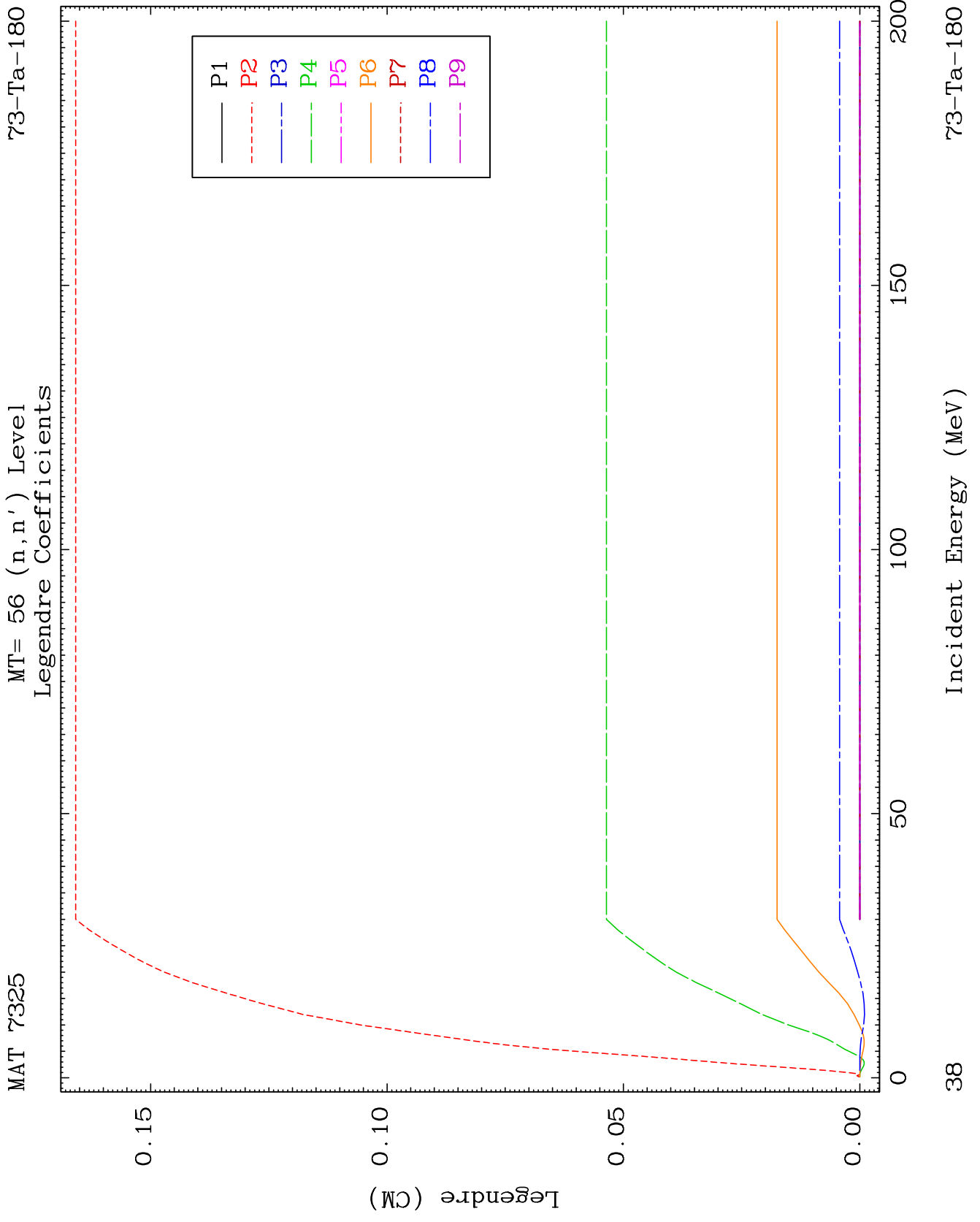








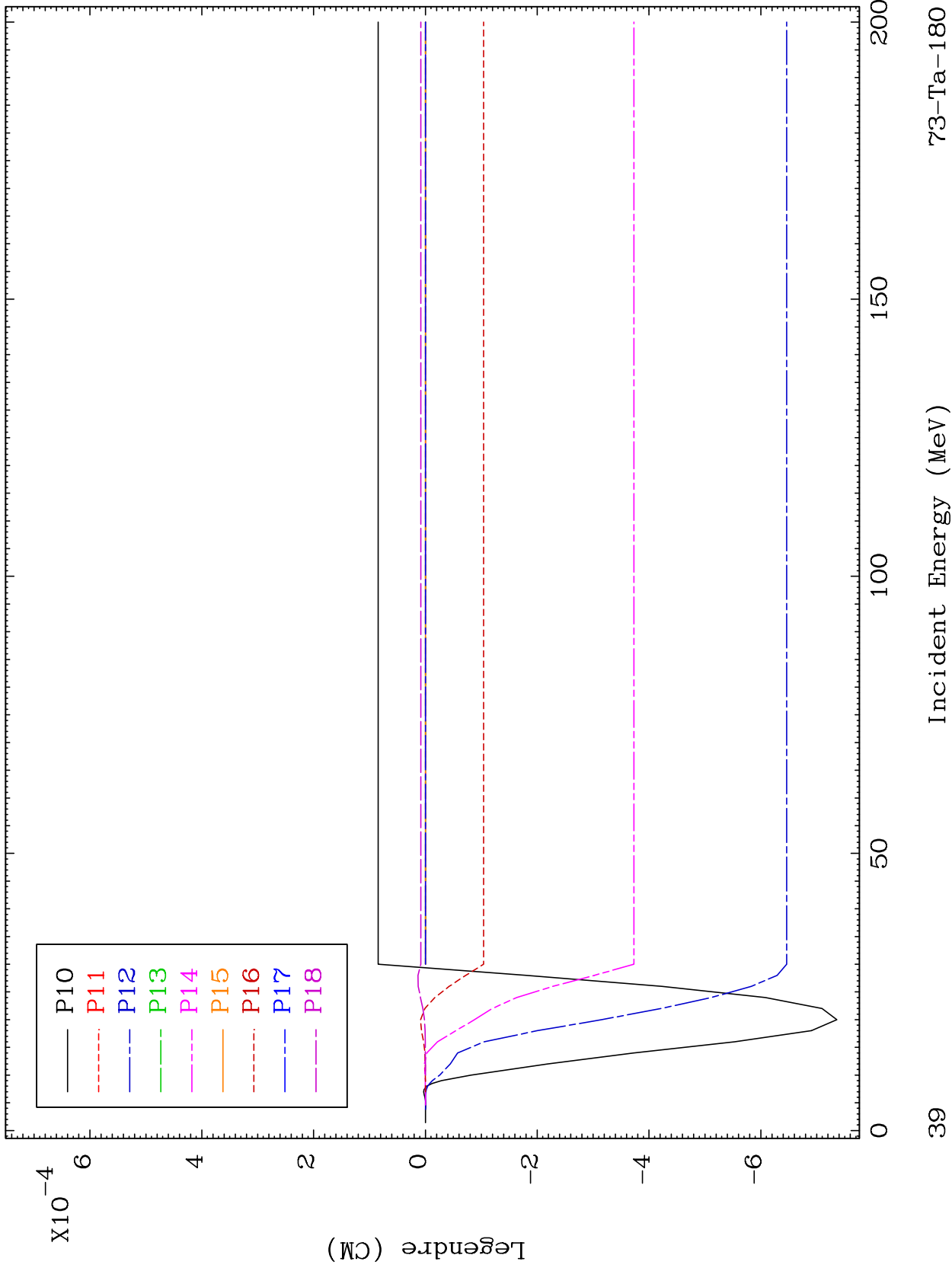




MAT 7325

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

73-Ta-180



39

Incident Energy (MeV)

73-Ta-180

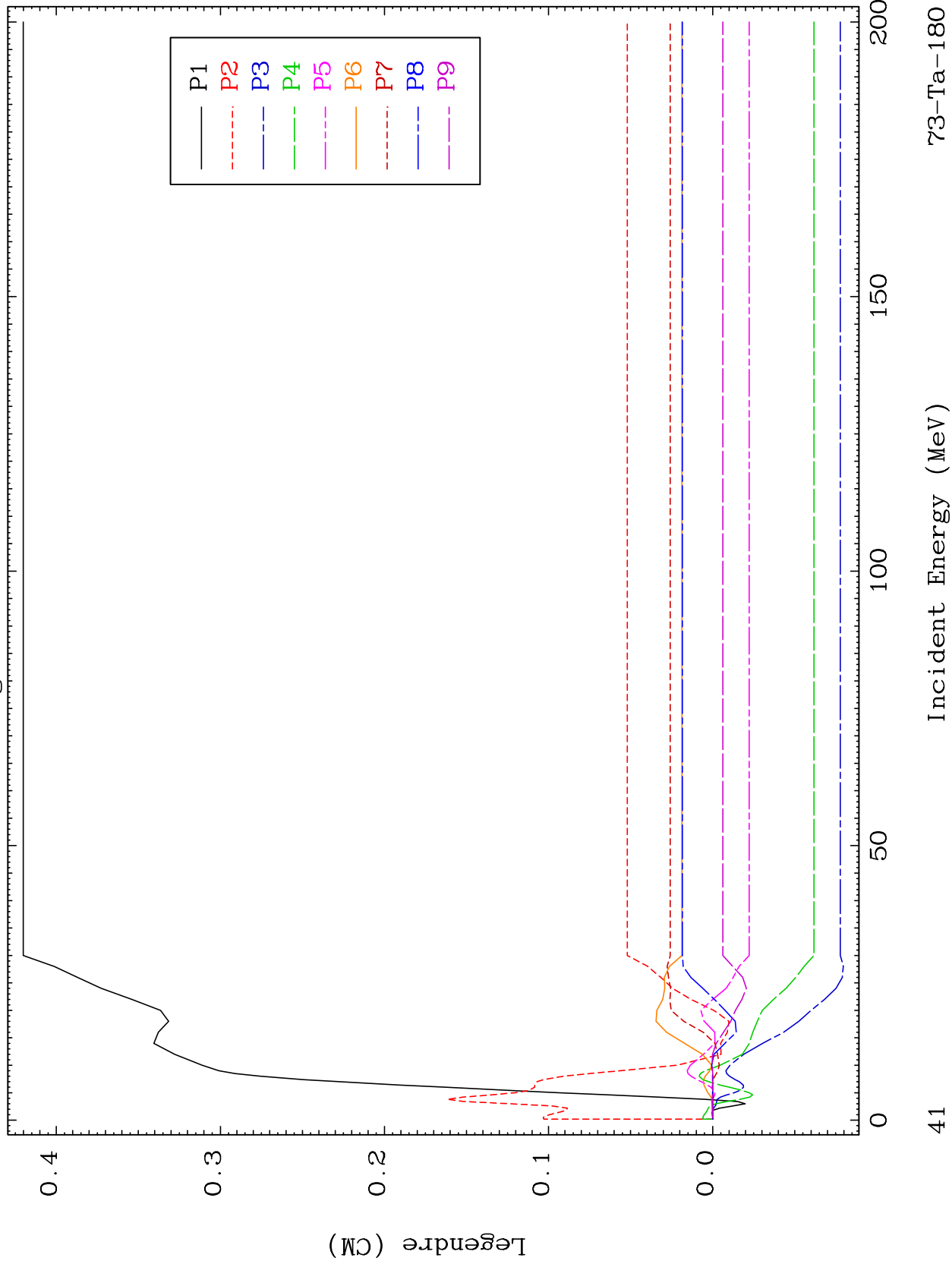




MAT 7325

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

73-Ta-180



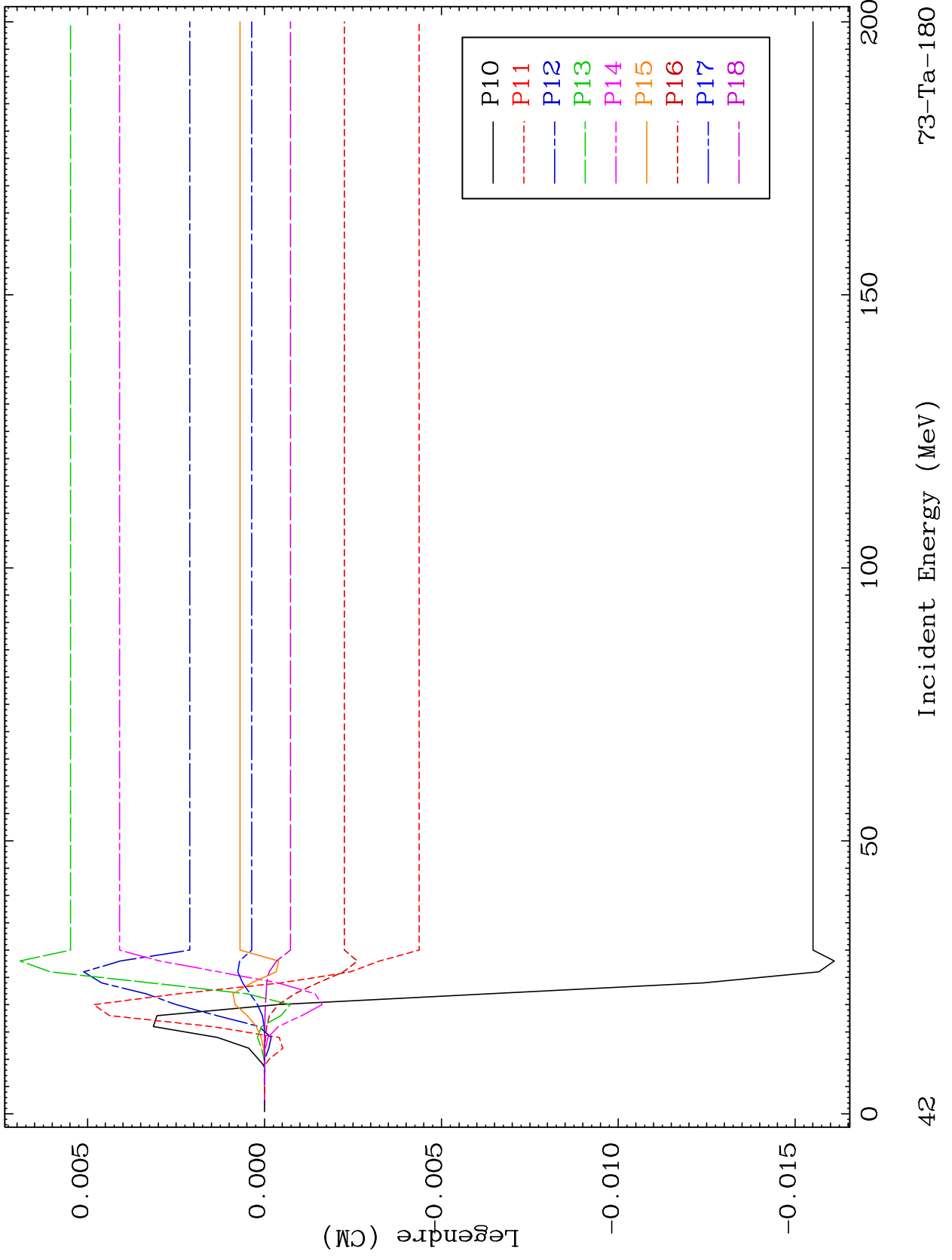
41

73-Ta-180

MAT 7325

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

73-Ta-180



42

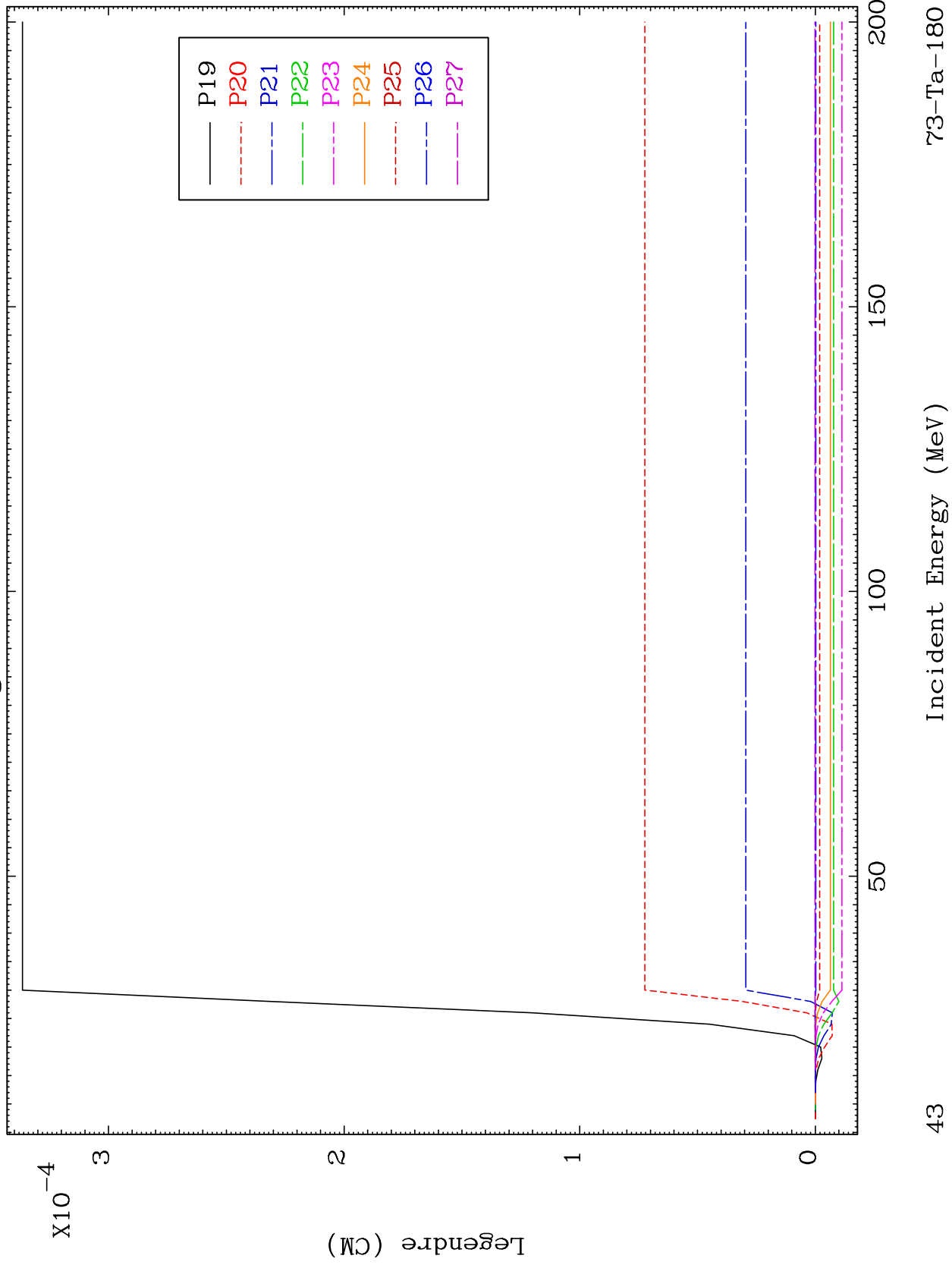
Incident Energy (MeV)

73-Ta-180

MAT 7325

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

73-Ta-180



43

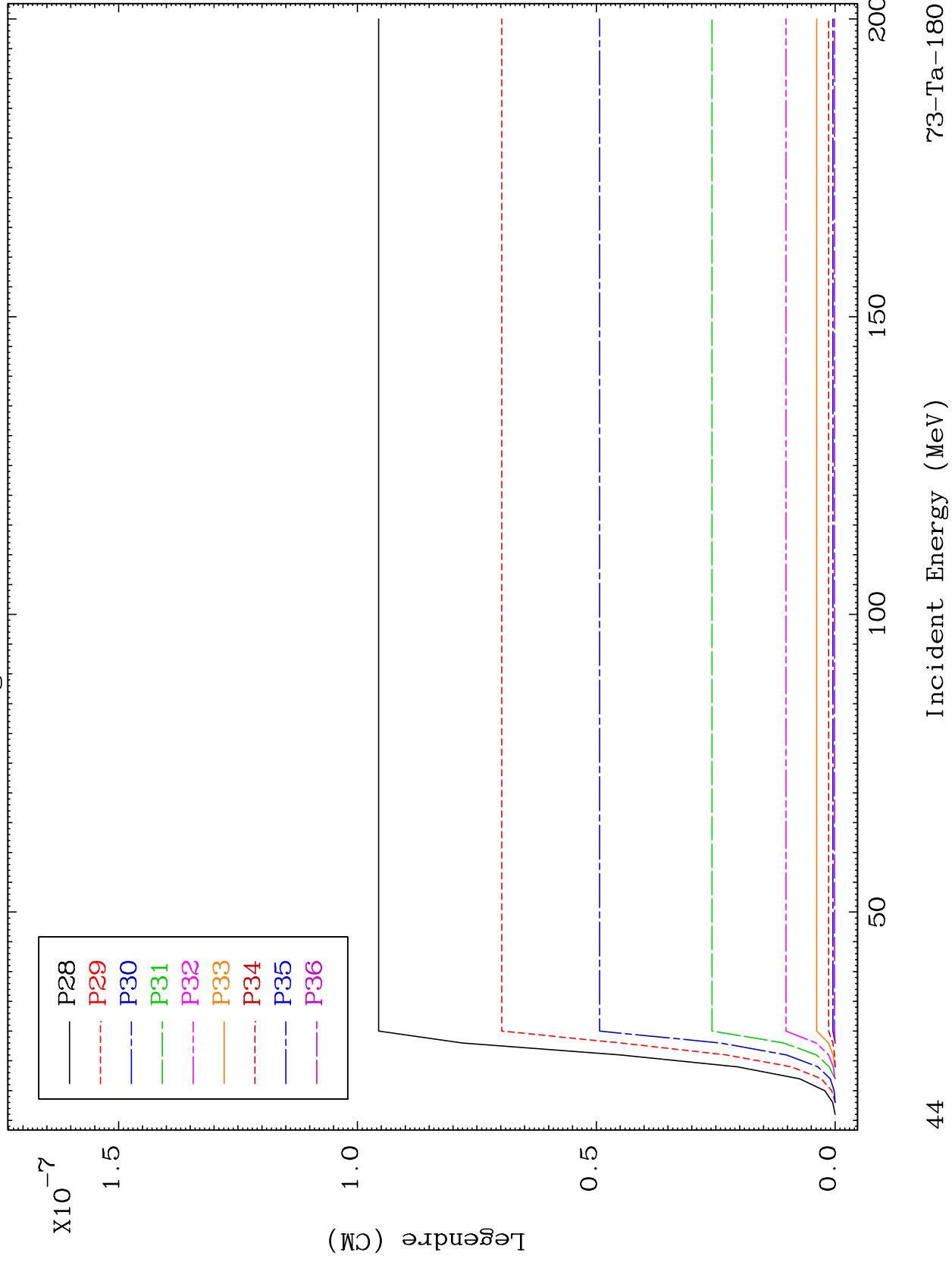
Incident Energy (MeV)

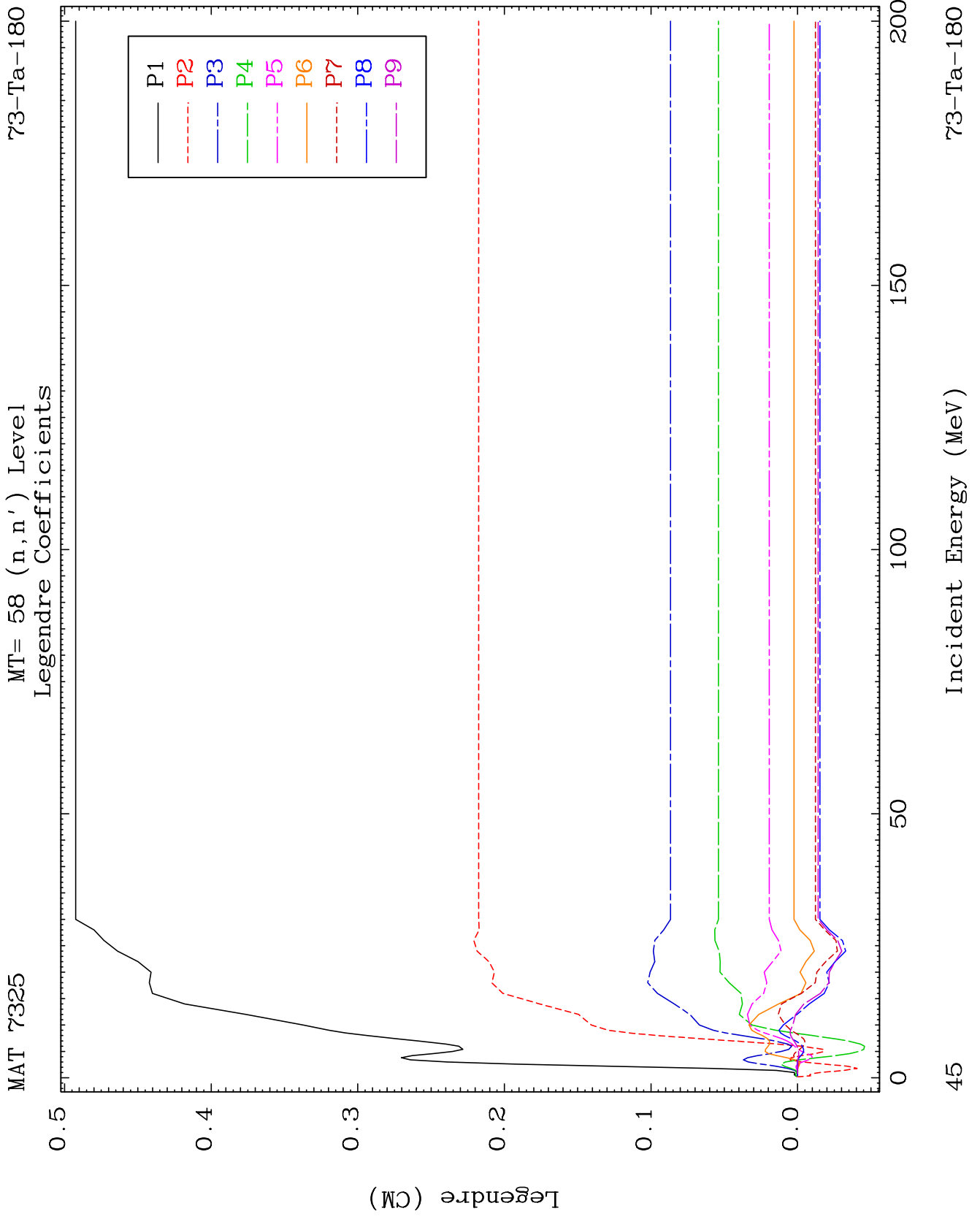
73-Ta-180

MAT 7325

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

73-Ta-180

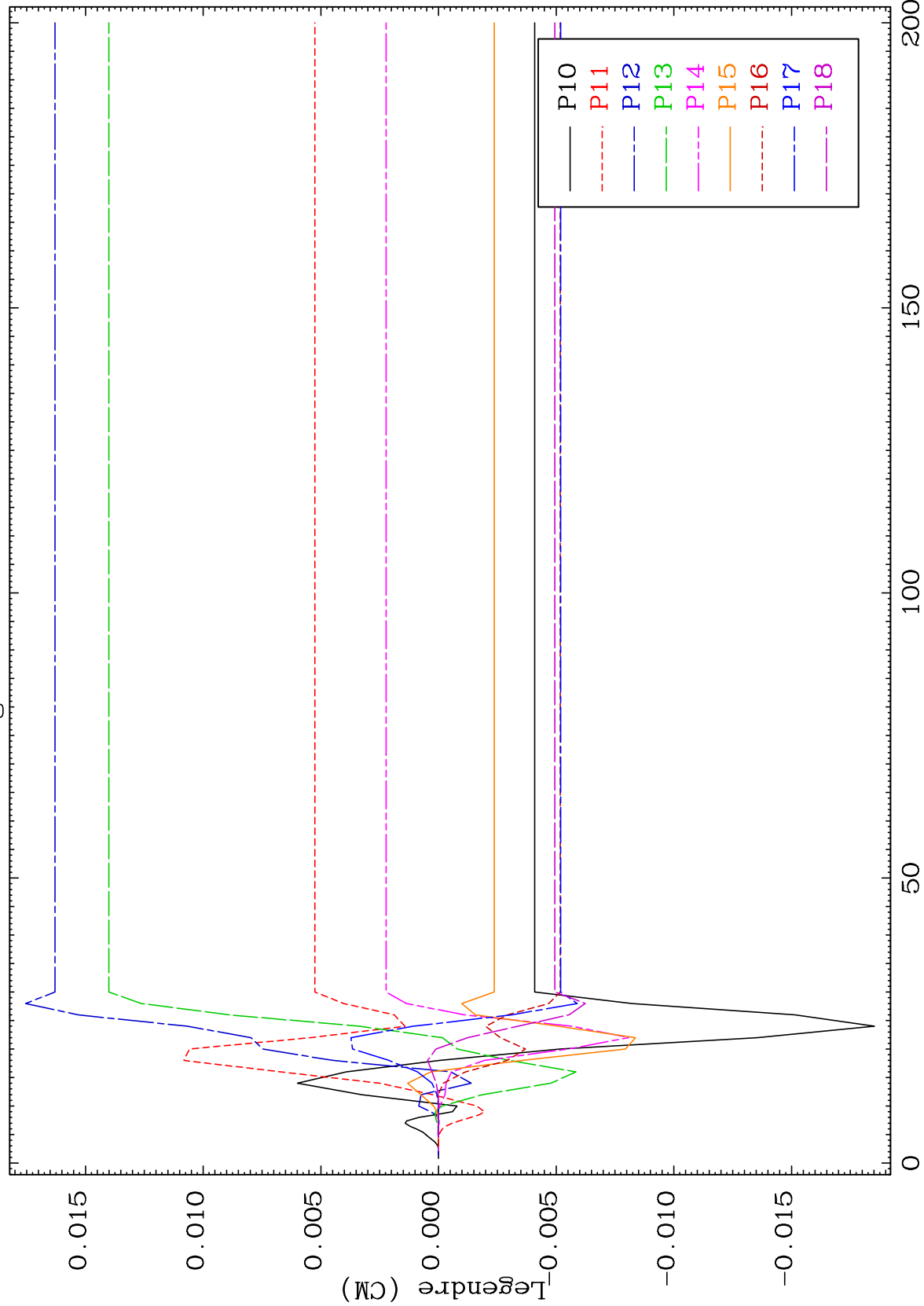




MAT 7325

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

73-Ta-180



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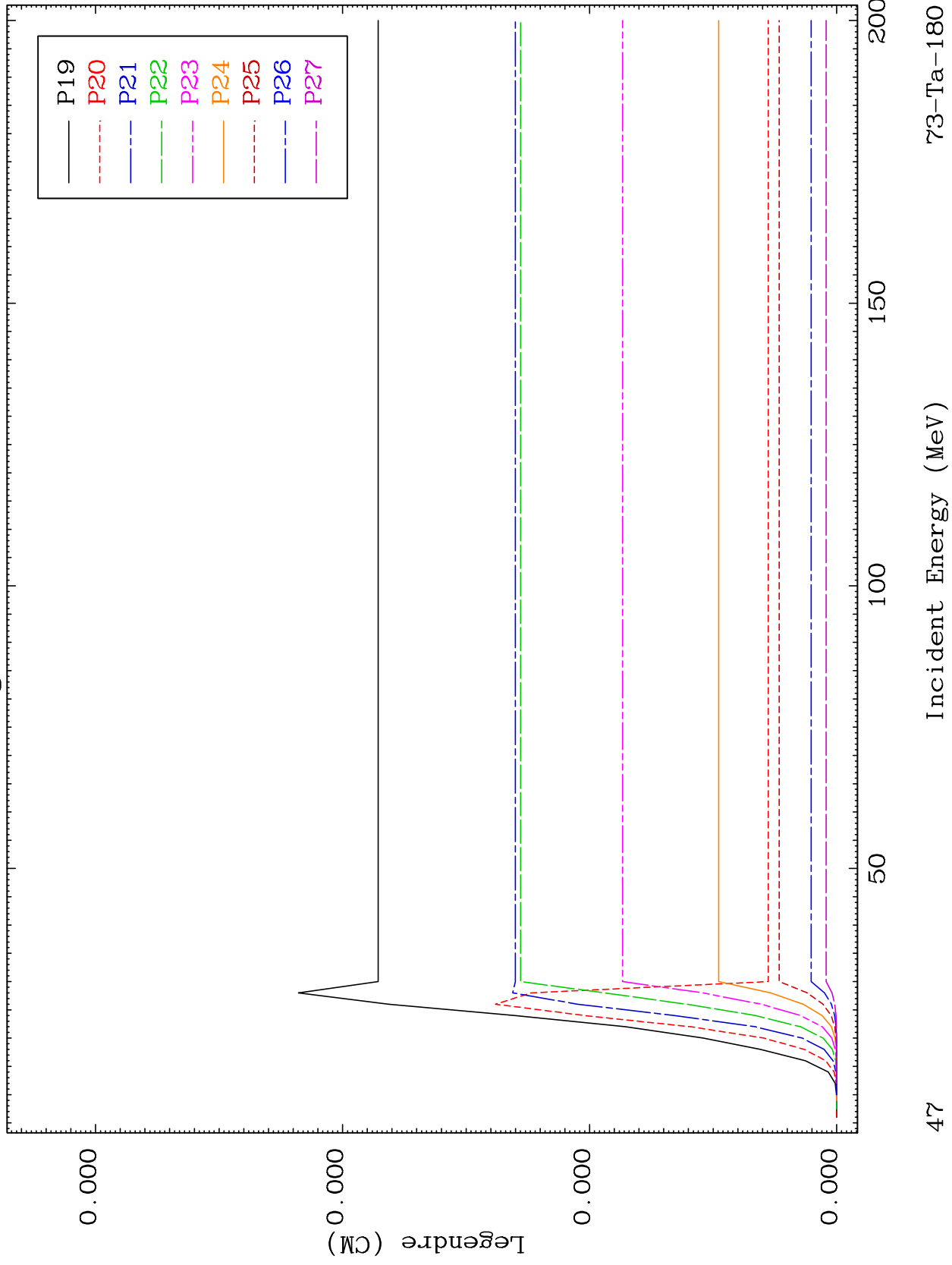
Incident Energy (MeV)

73-Ta-180

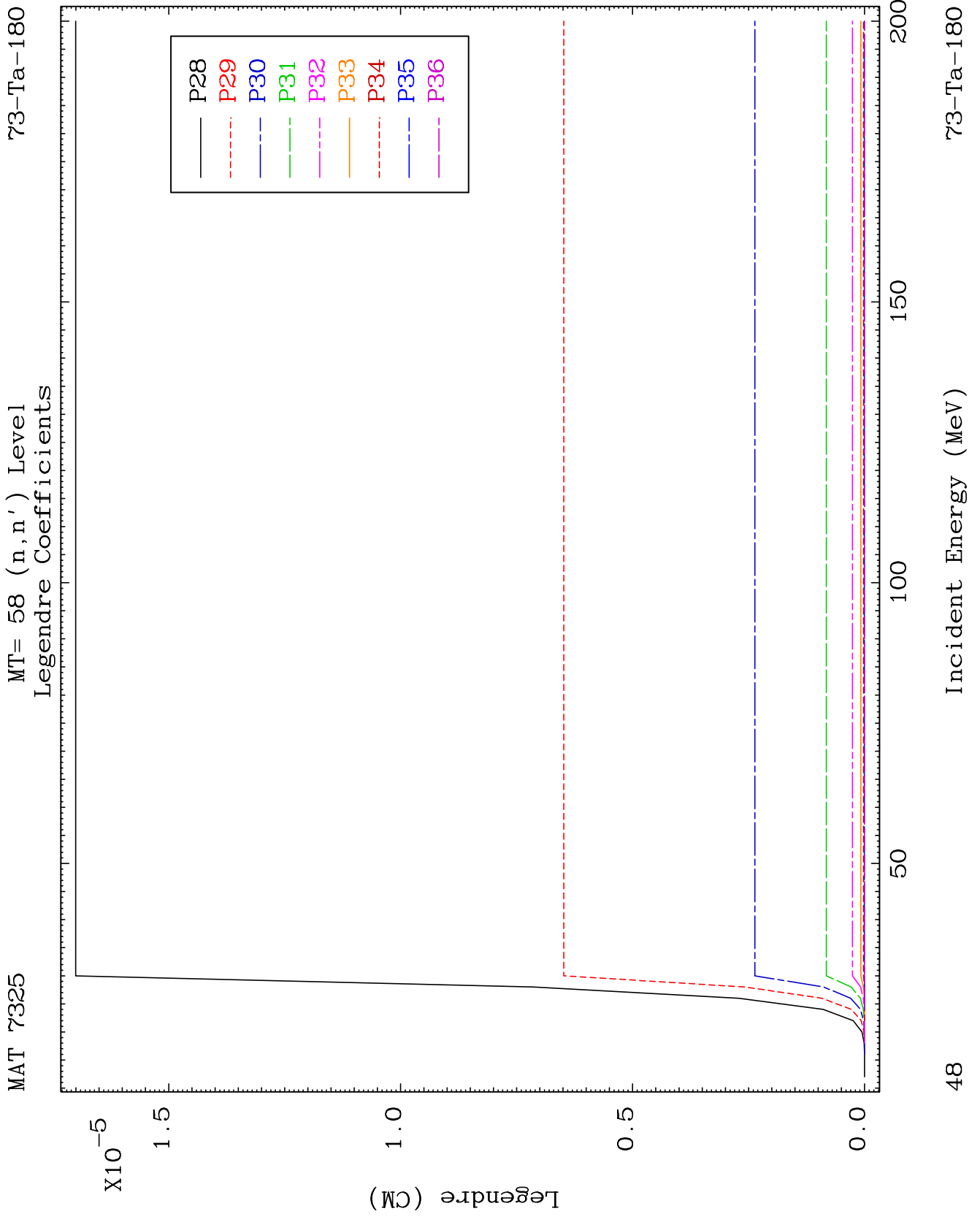
MAT 7325

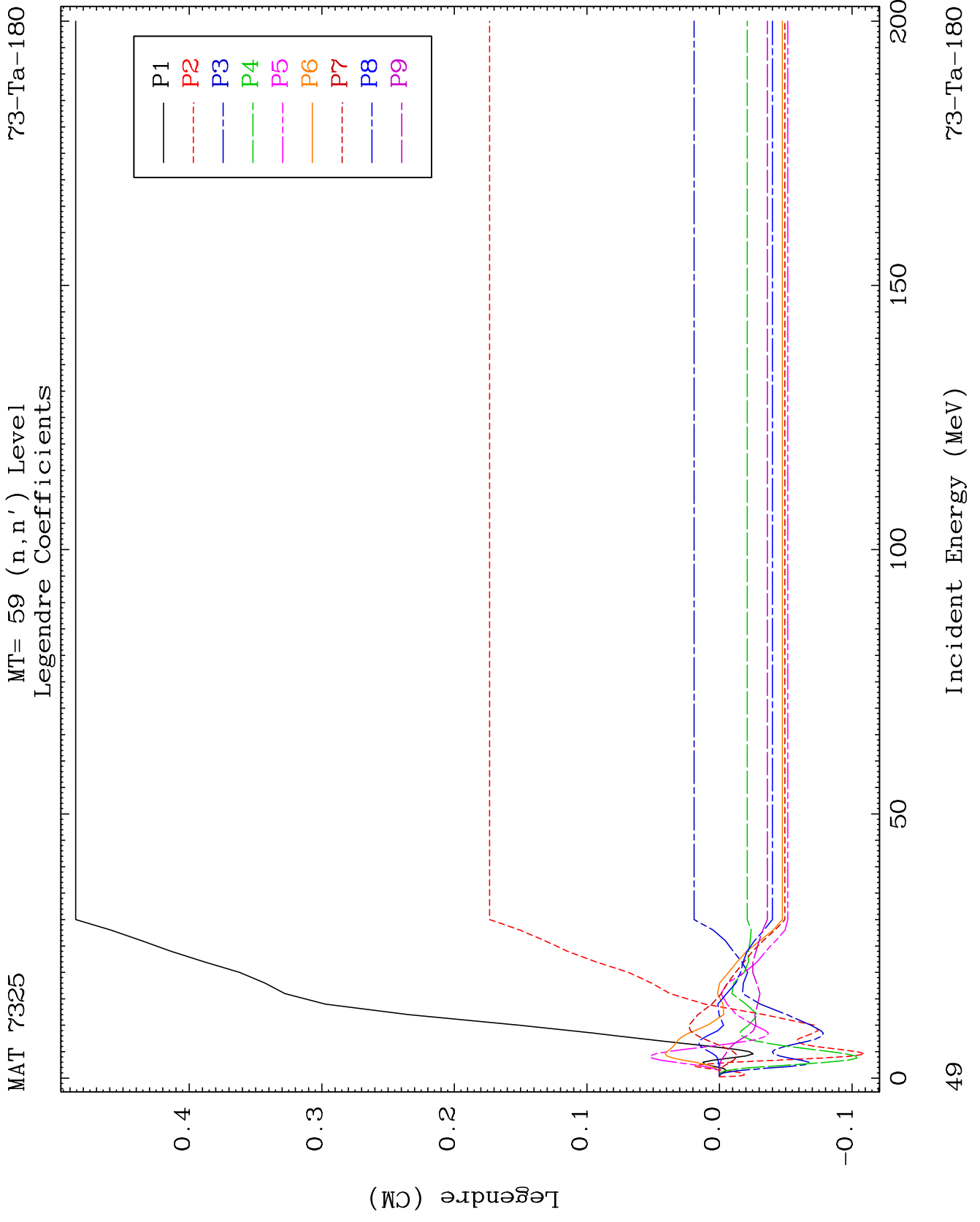
MT= 58 (n,n') Level  
Legendre Coefficients

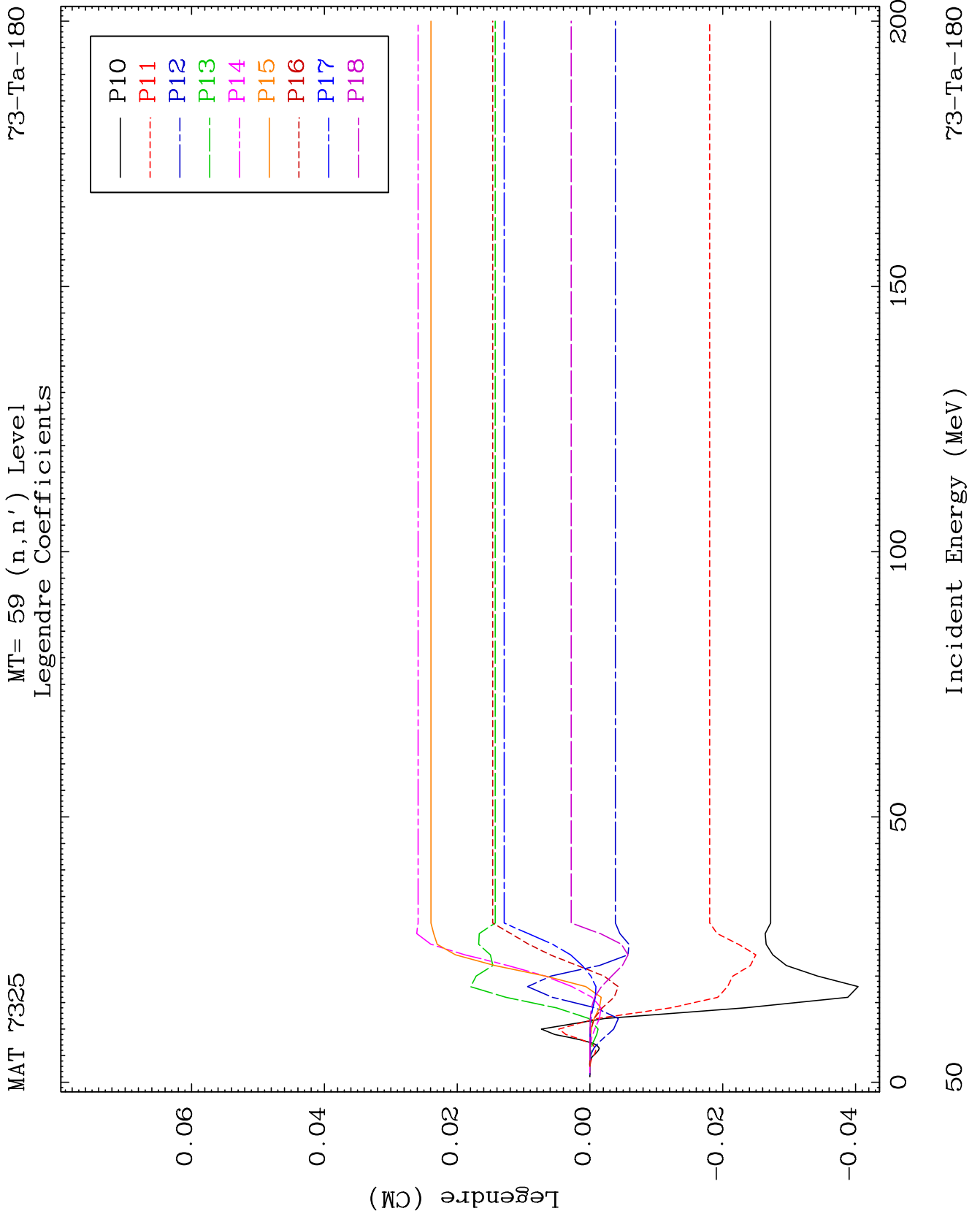
73-Ta-180







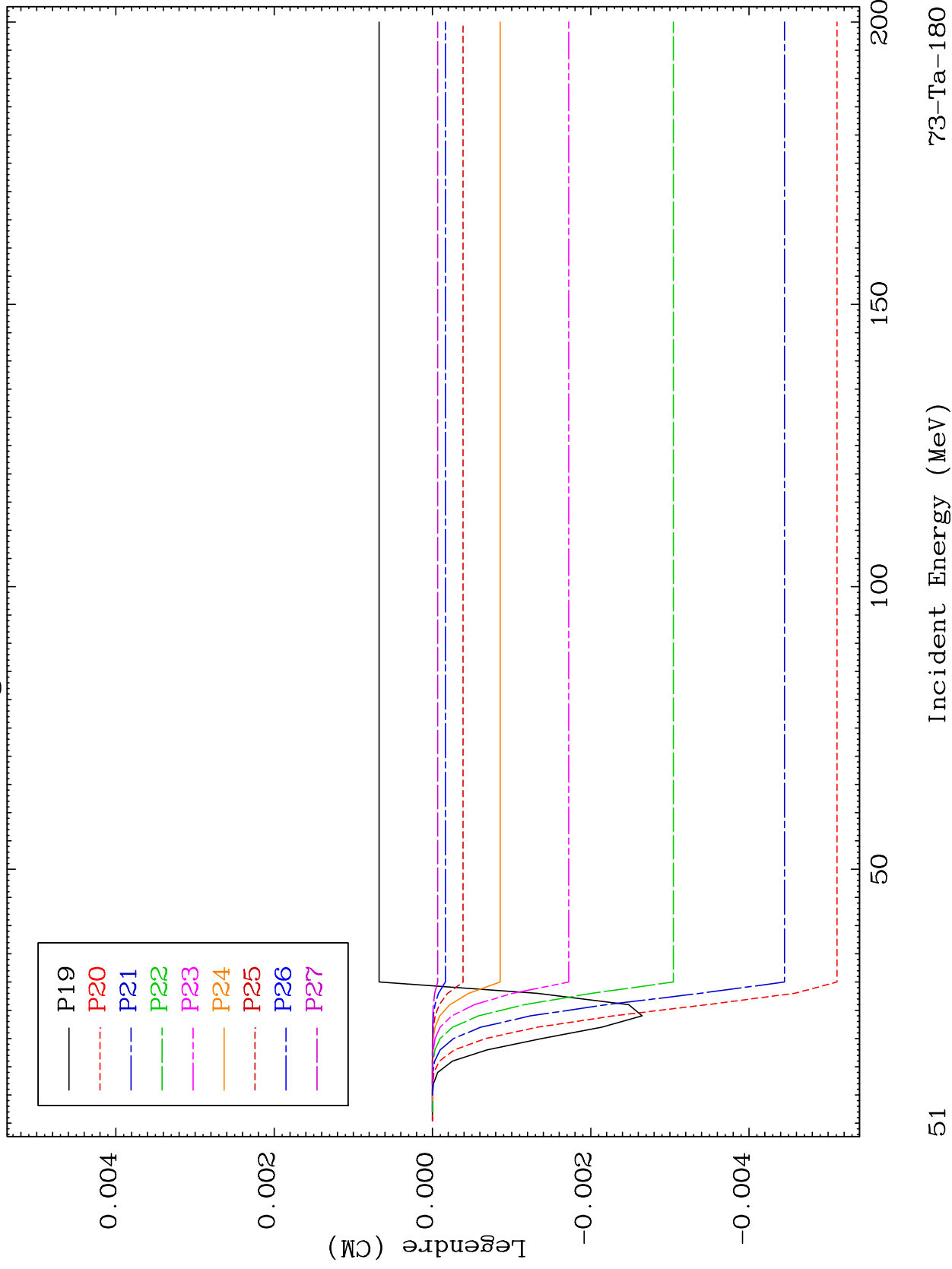


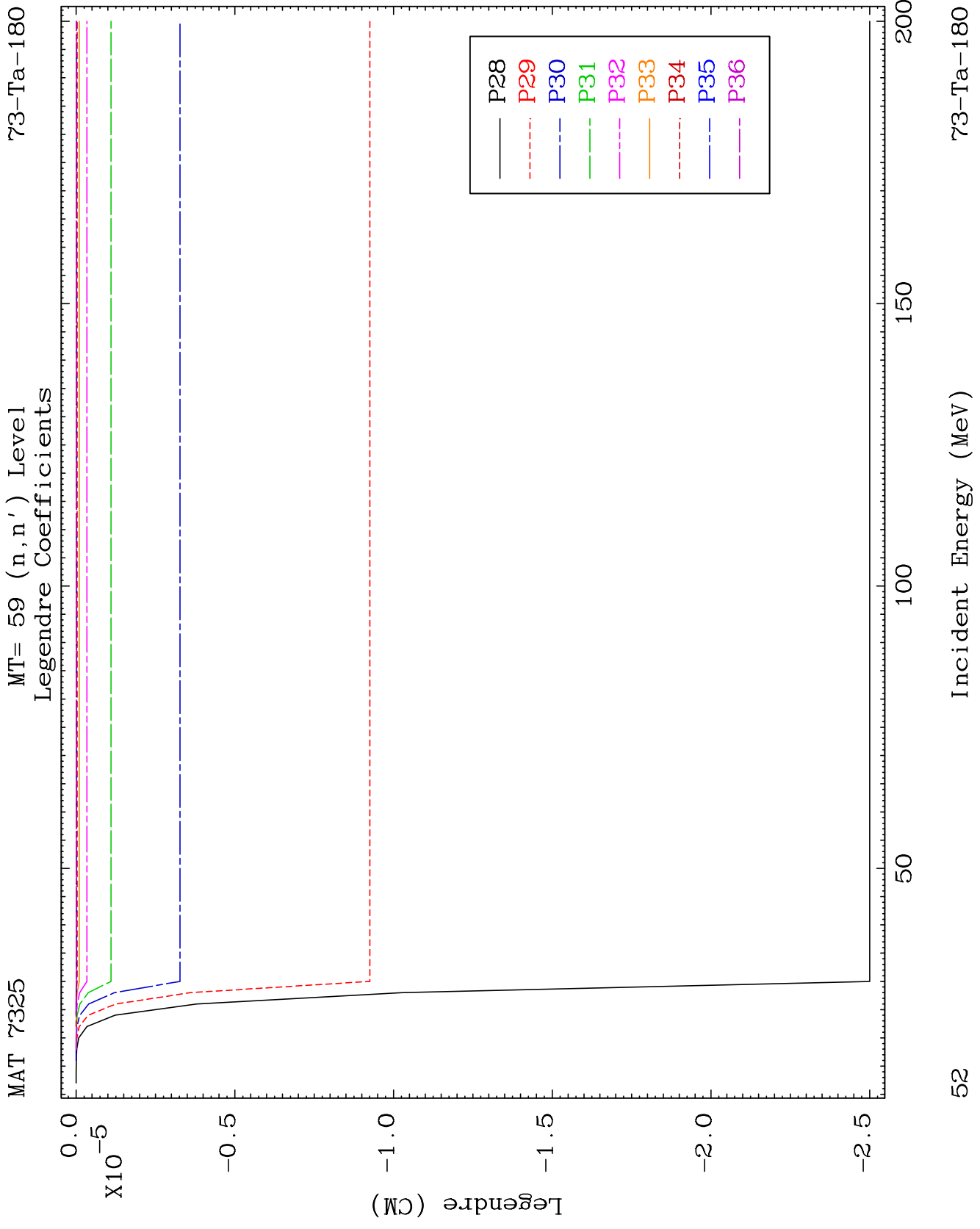


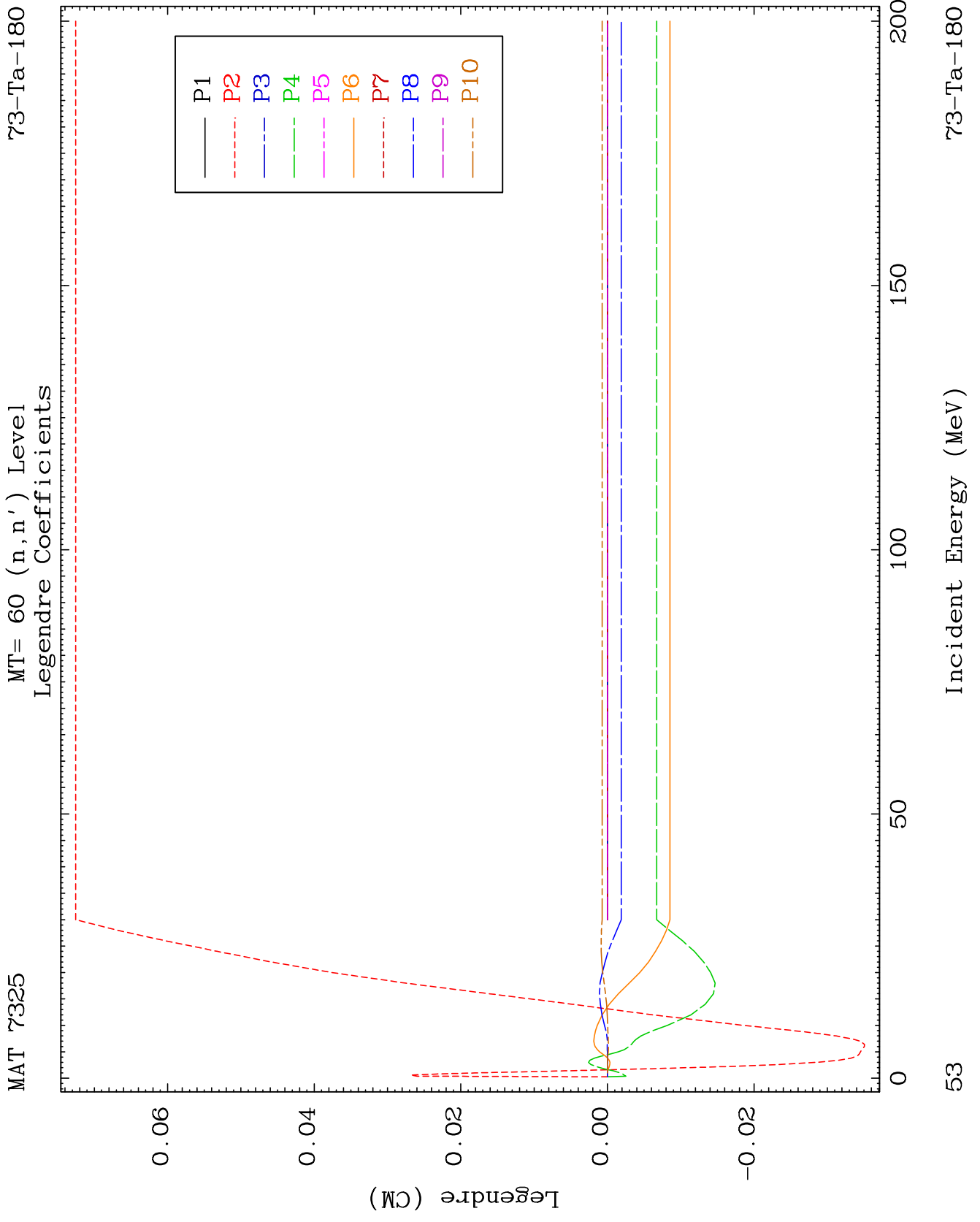
MAT 7325

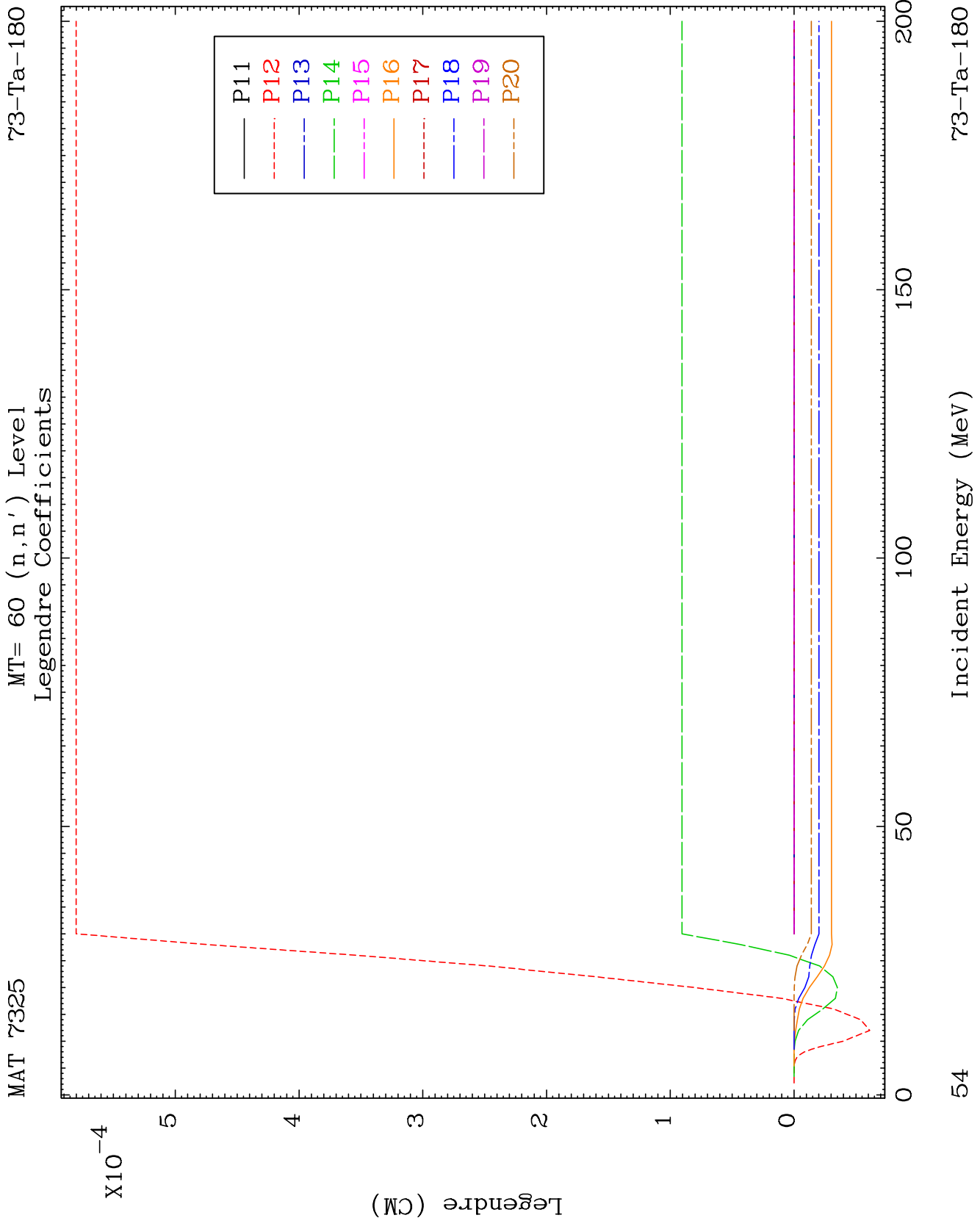
MT= 59 (n,n') Level  
Legendre Coefficients

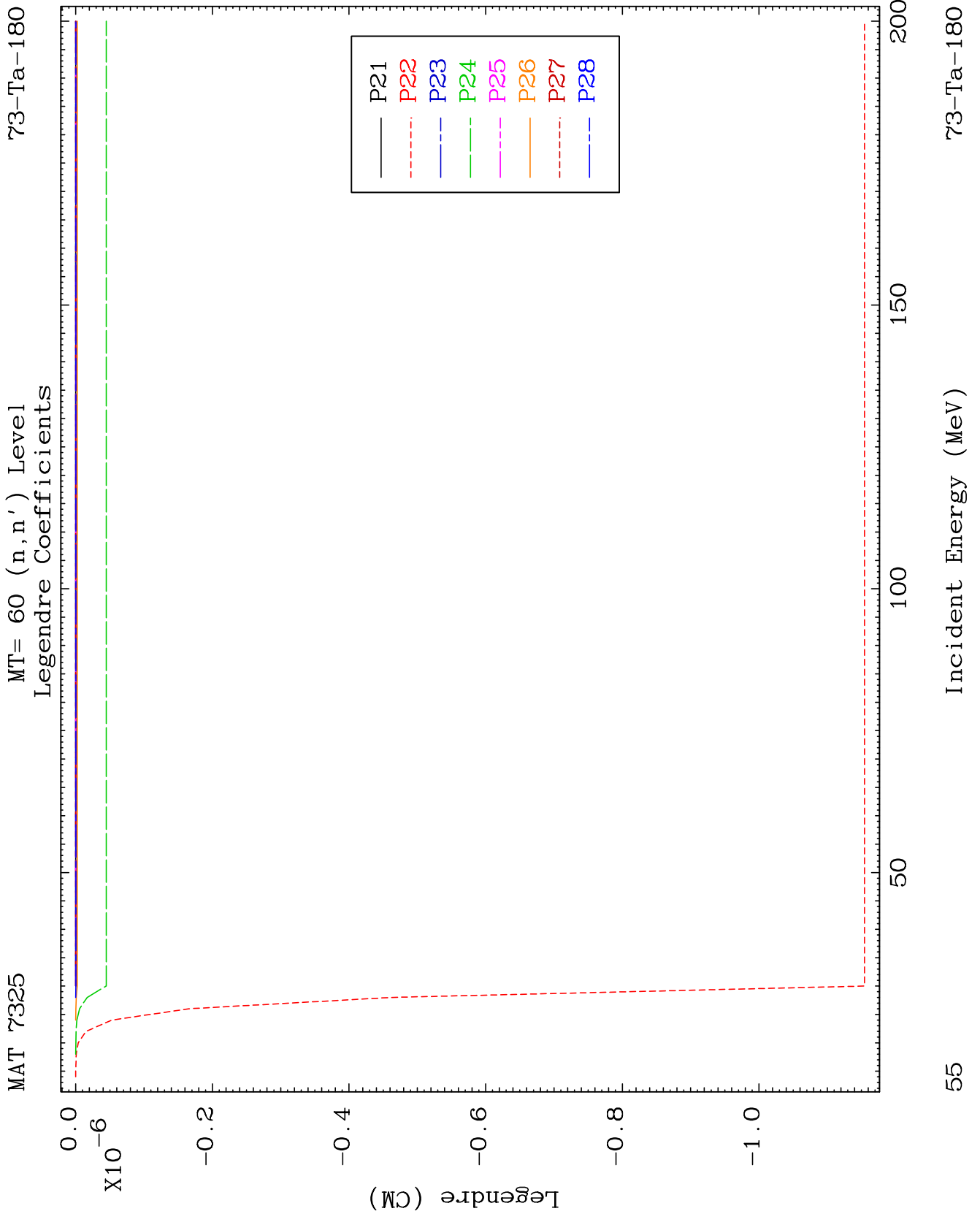
73-Ta-180











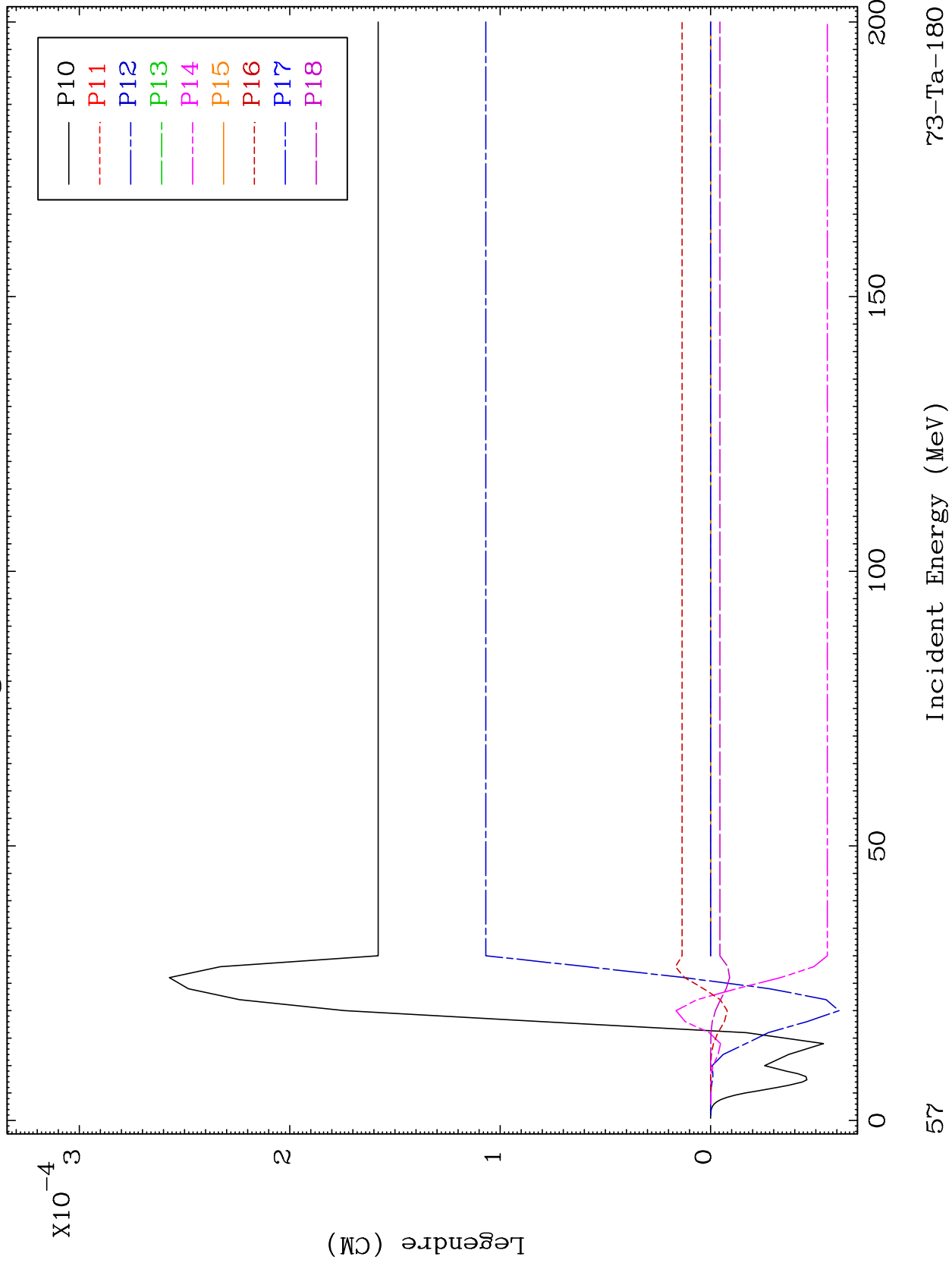


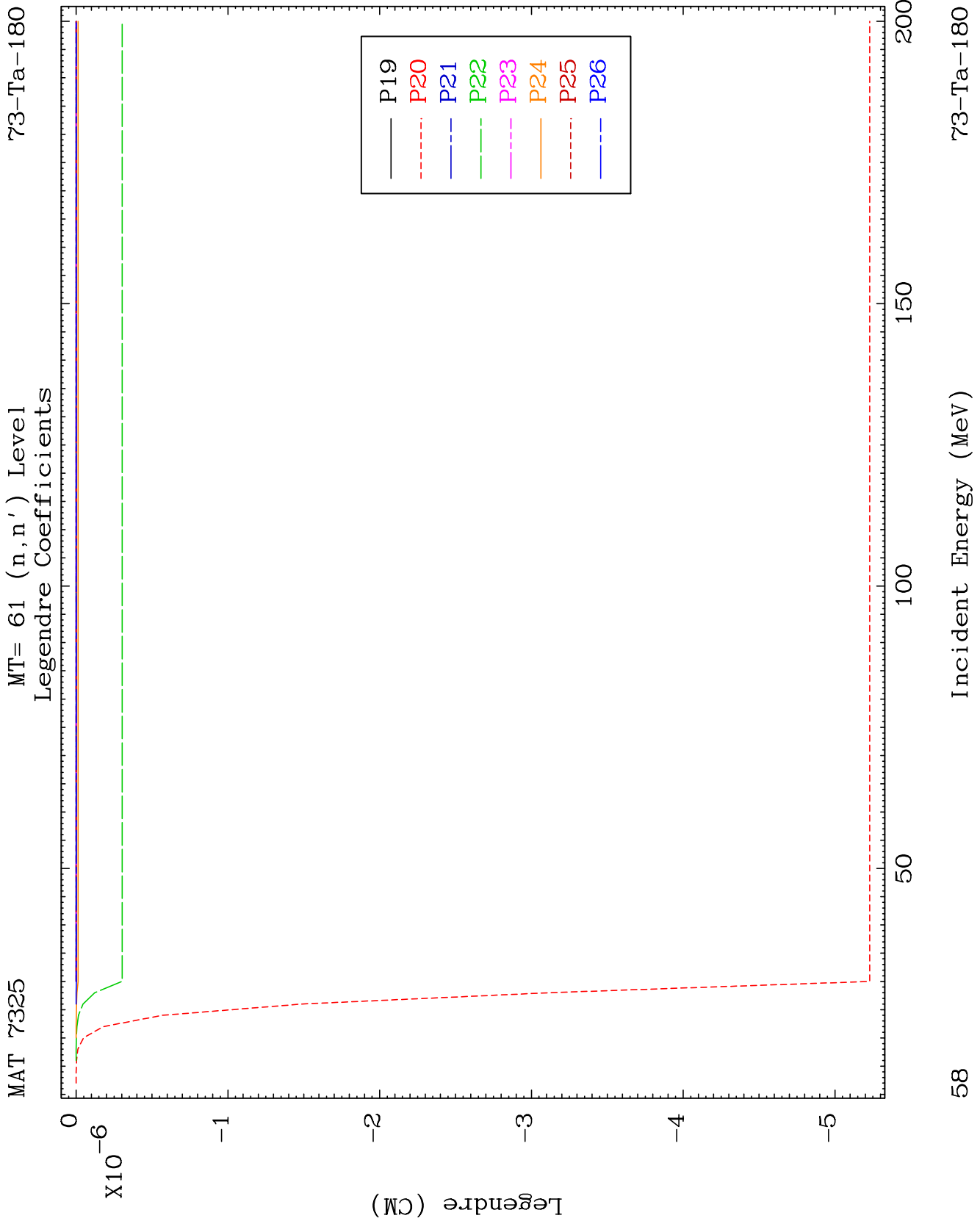


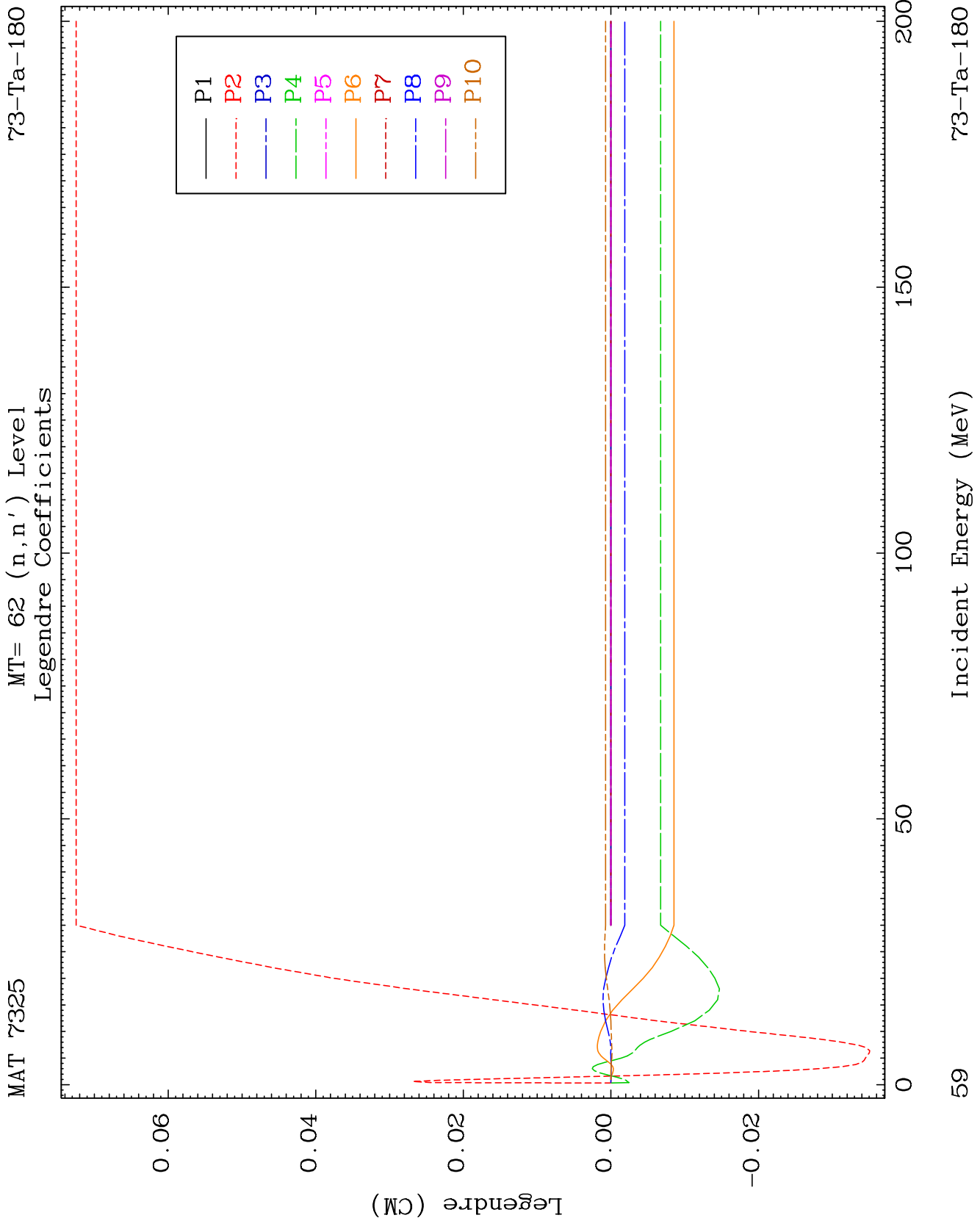
MAT 7325

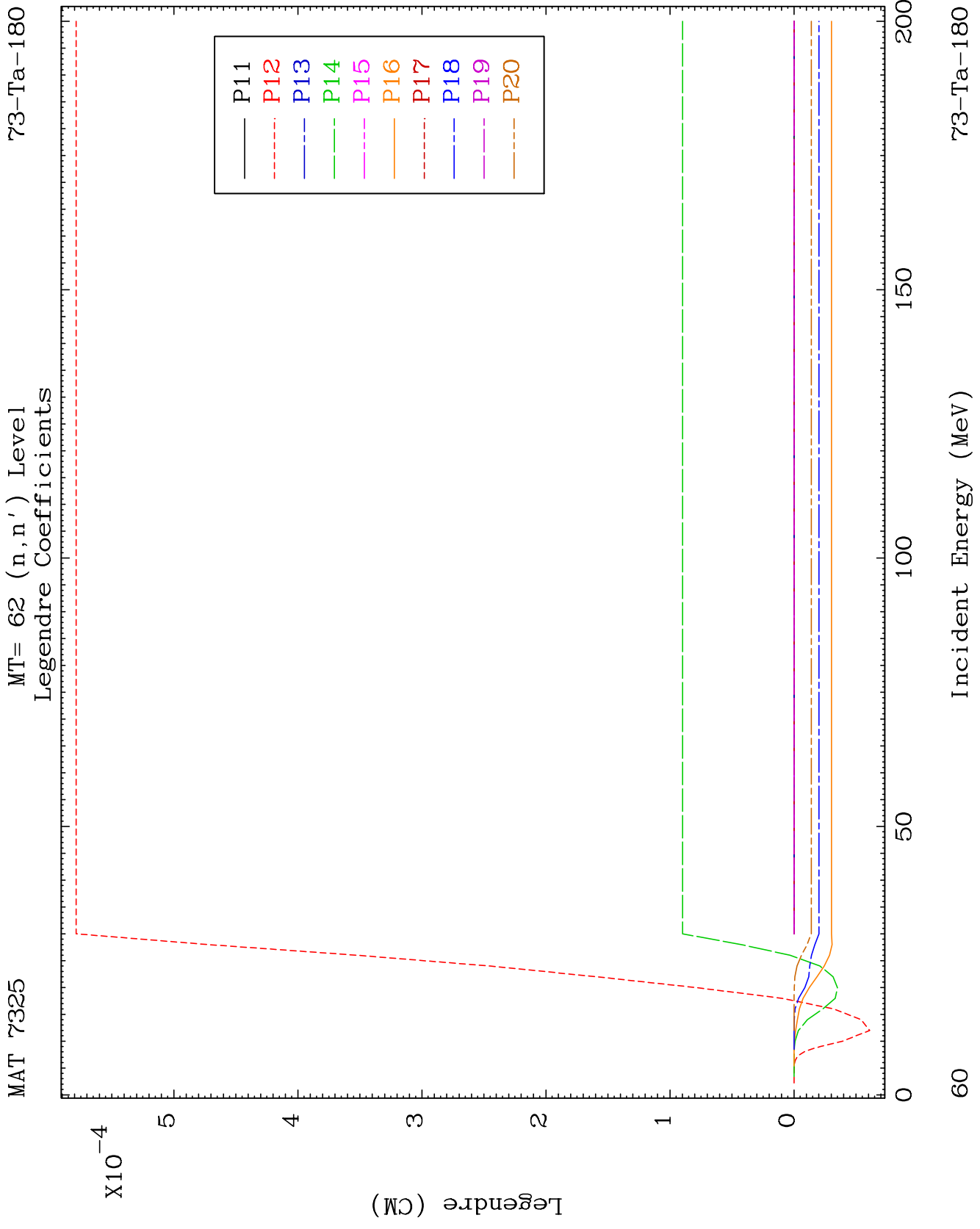
MT= 61 (n,n') Level  
Legendre Coefficients

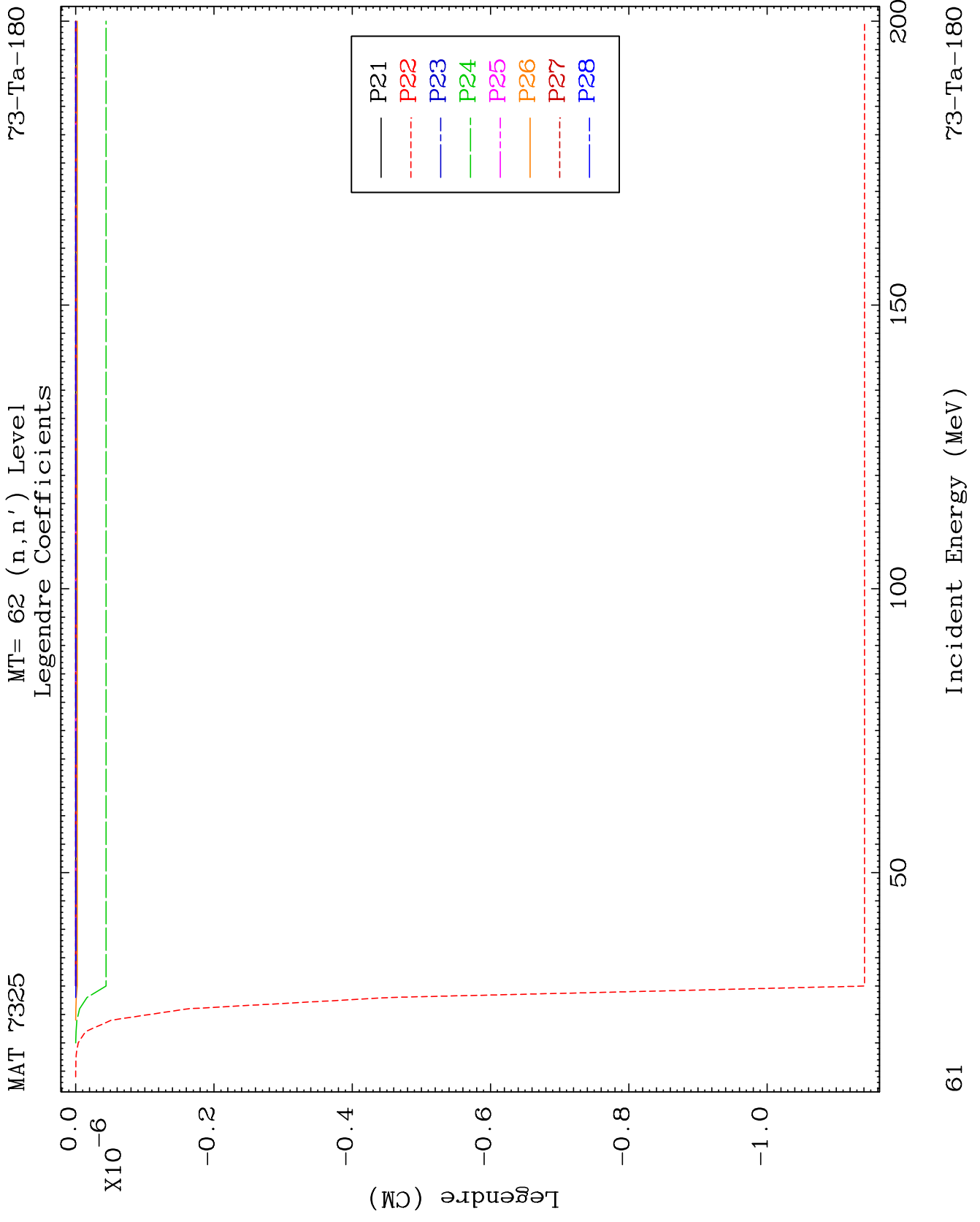
73-Ta-180

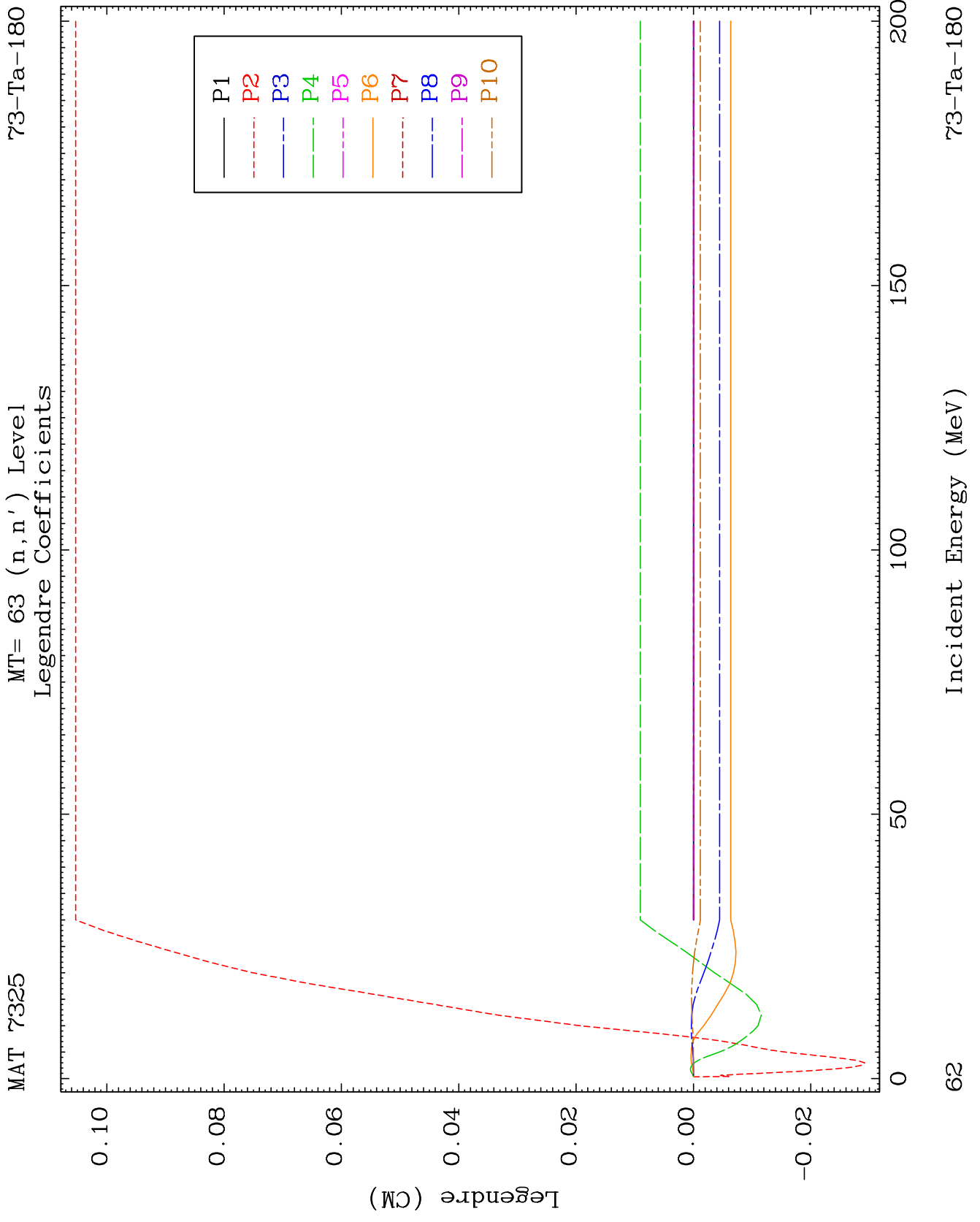


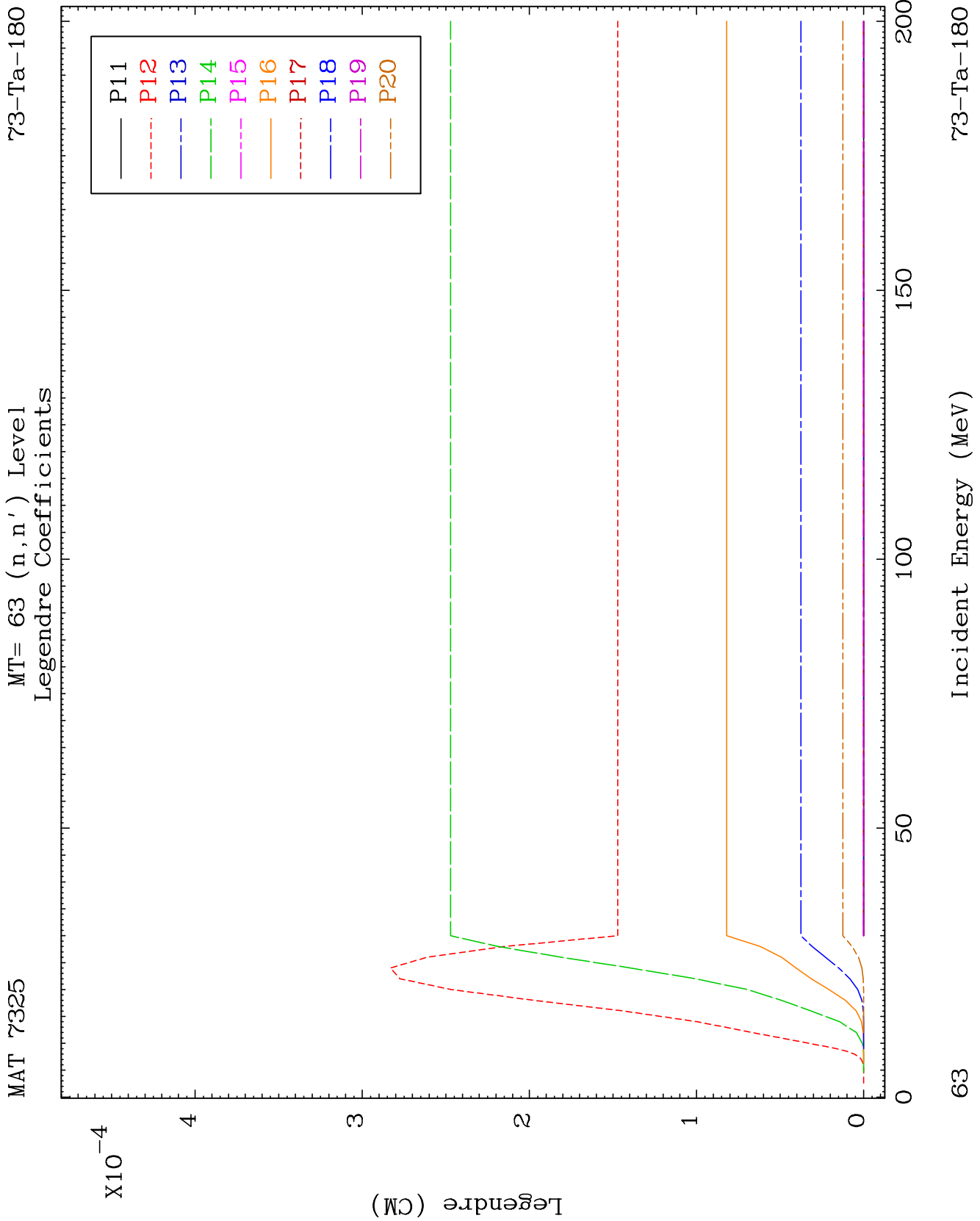




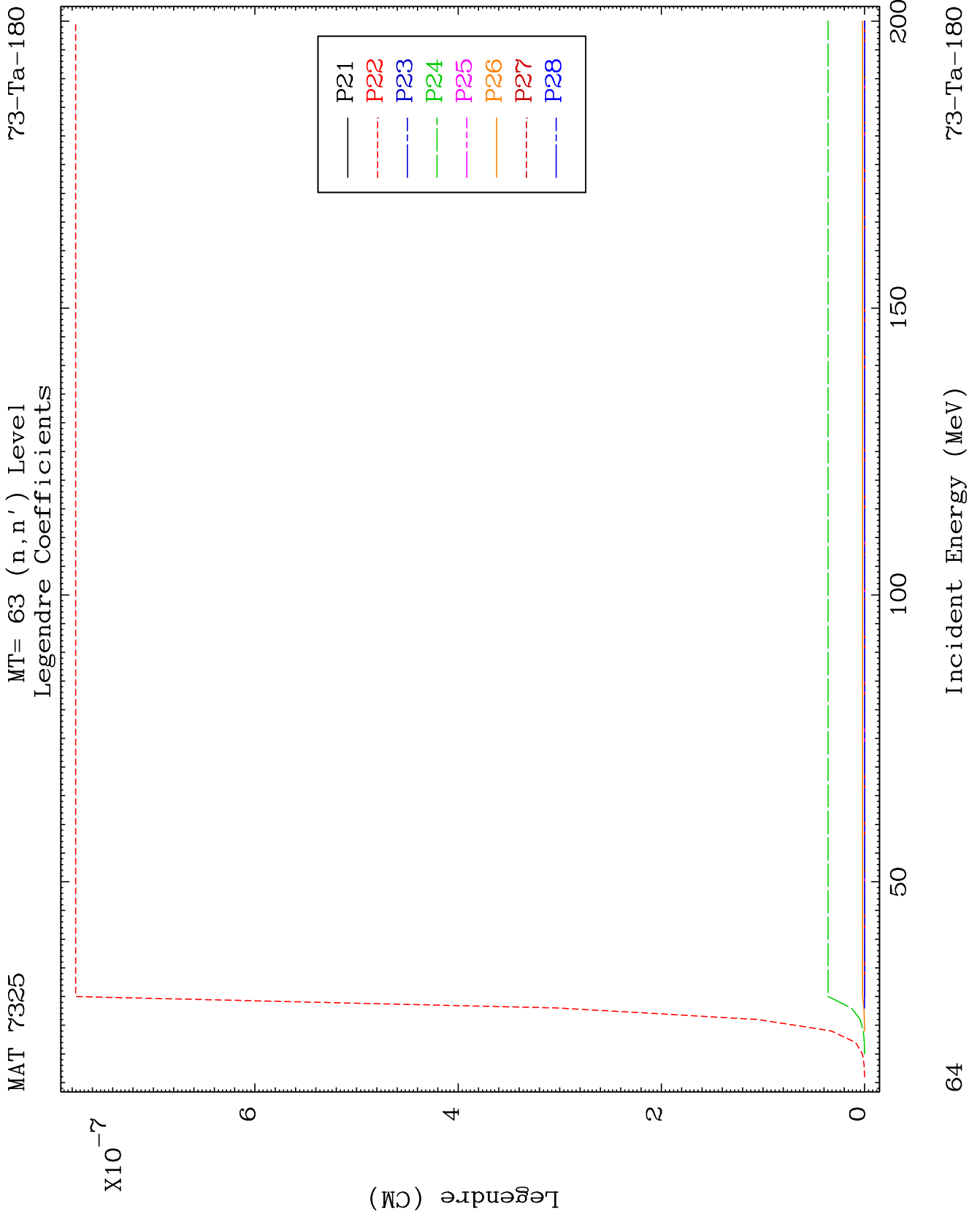


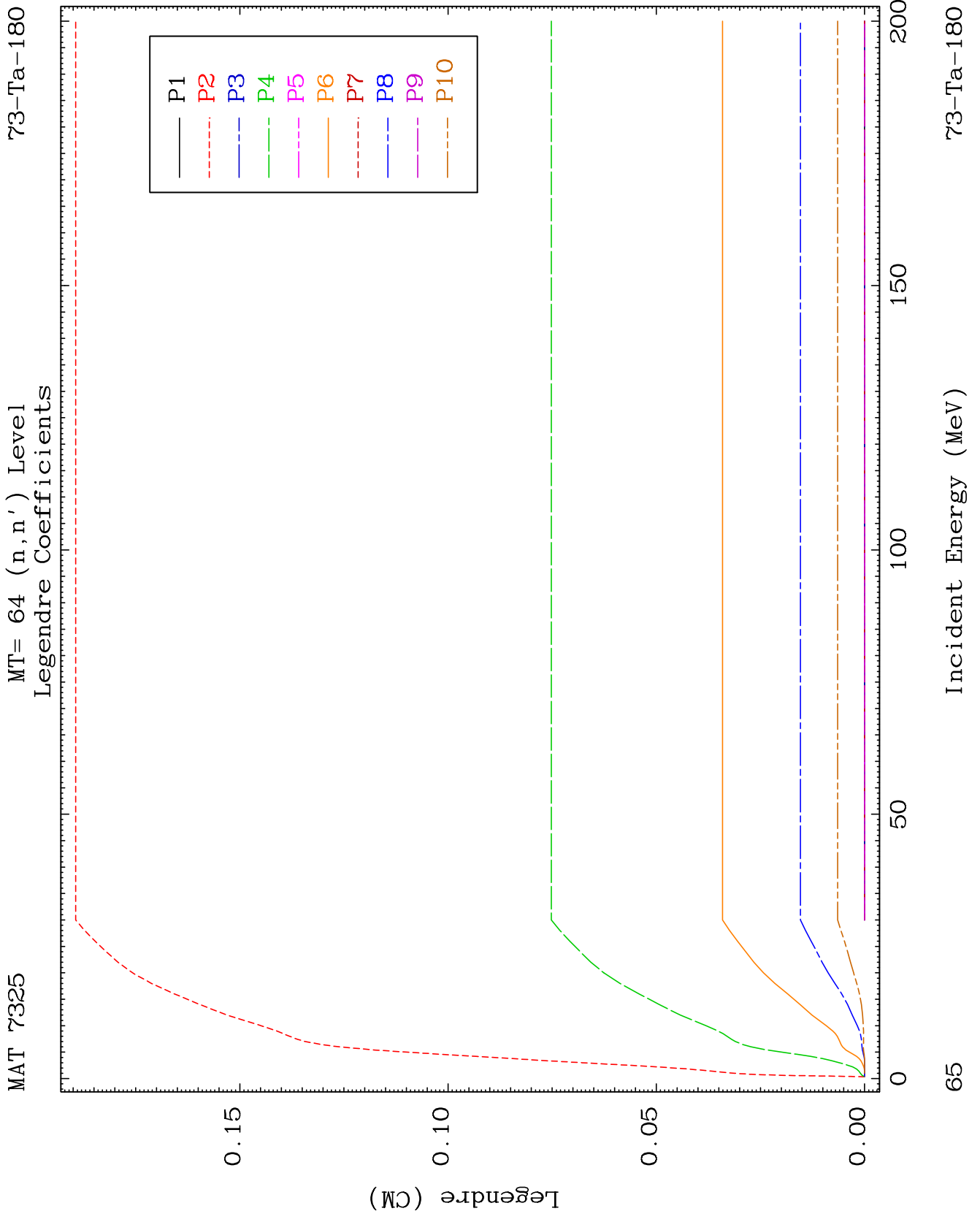


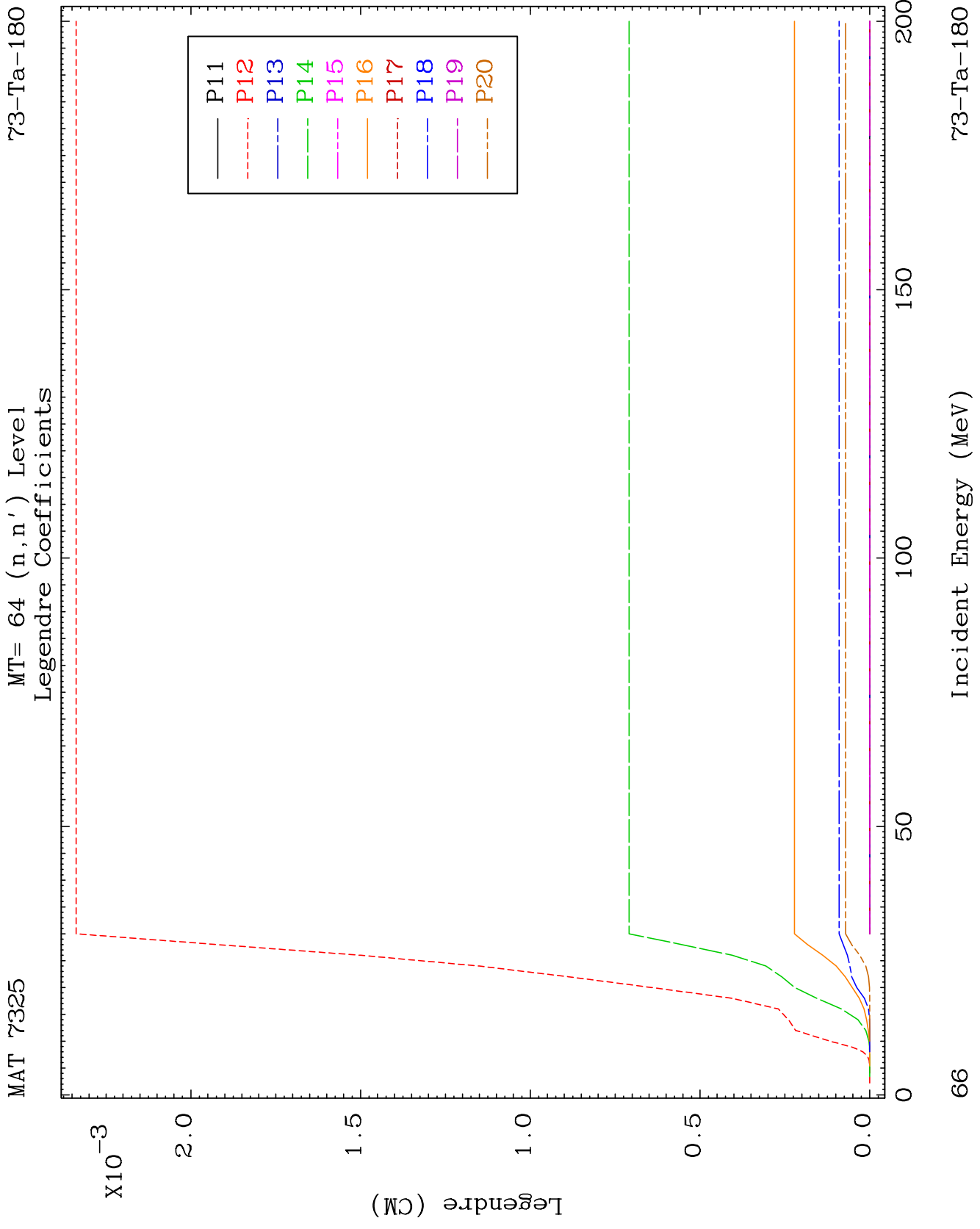


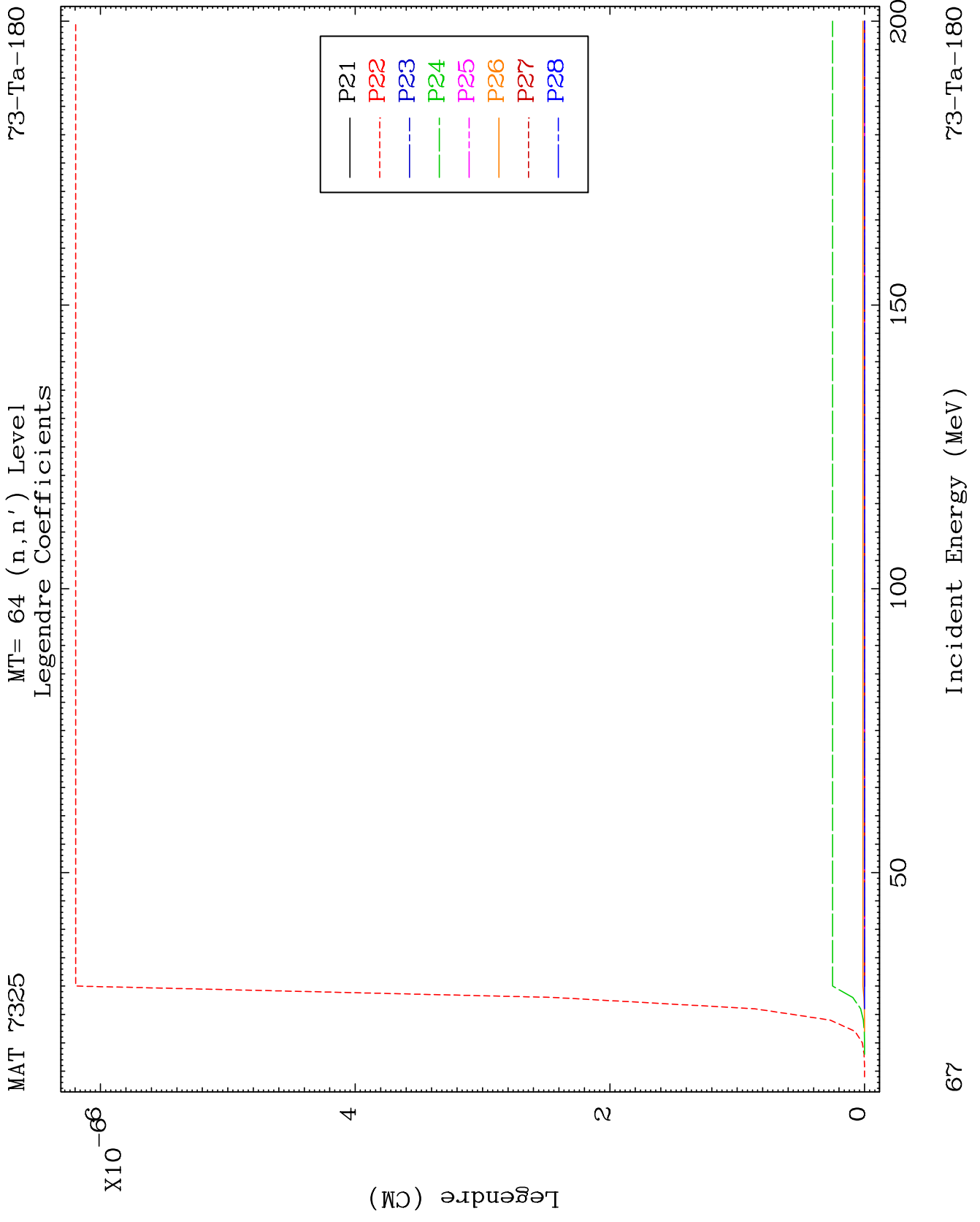








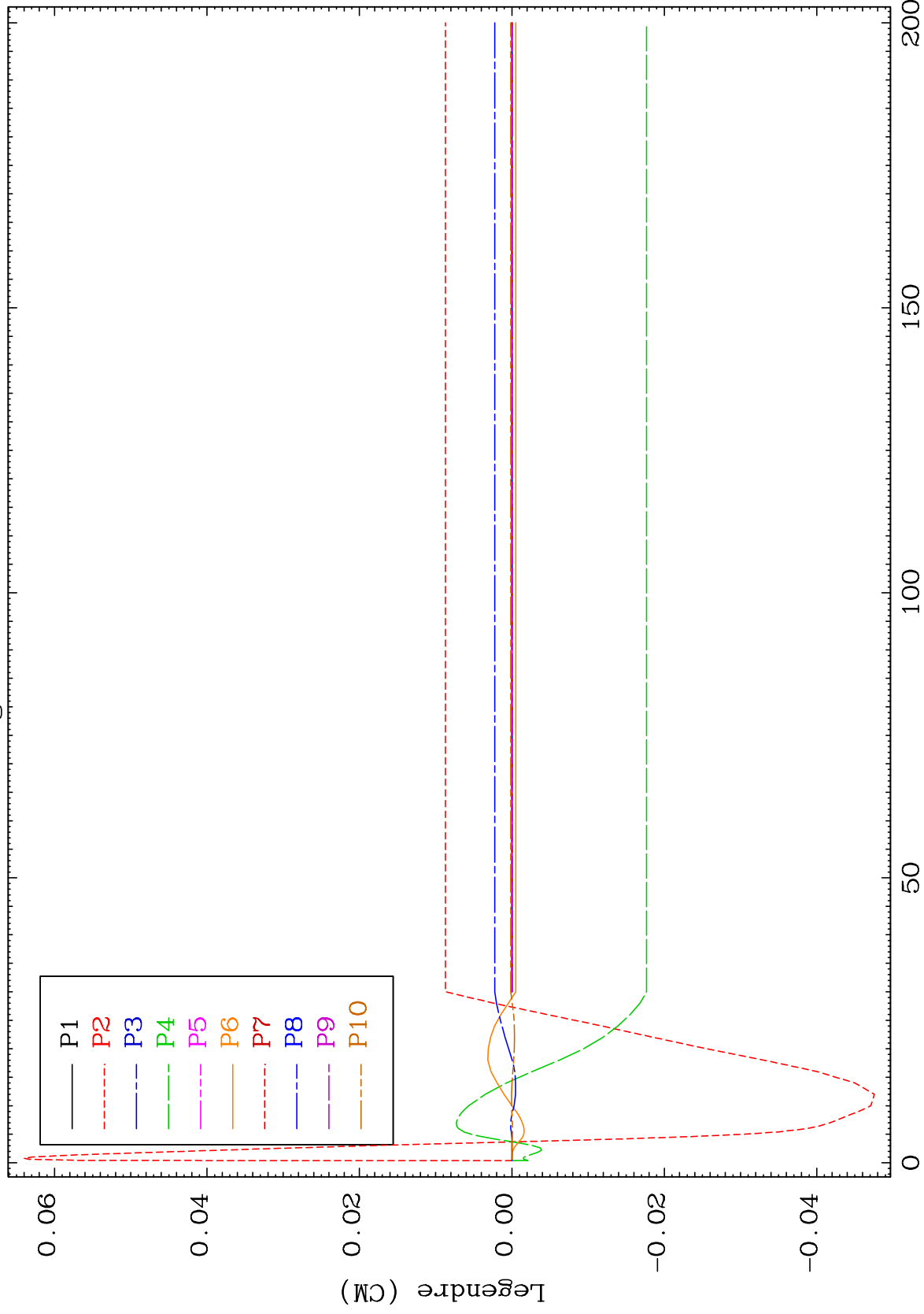




MAT 7325

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

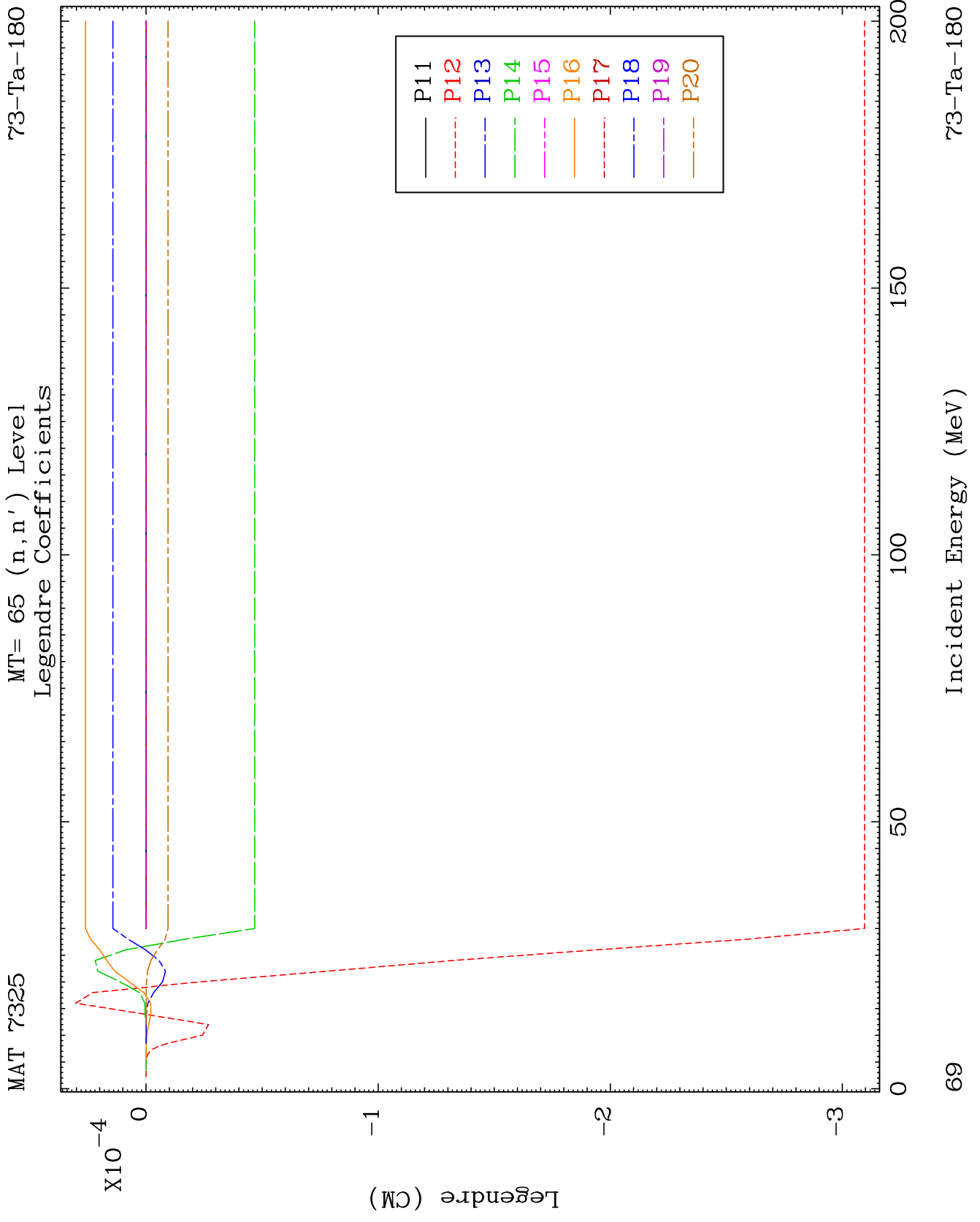
73-Ta-180

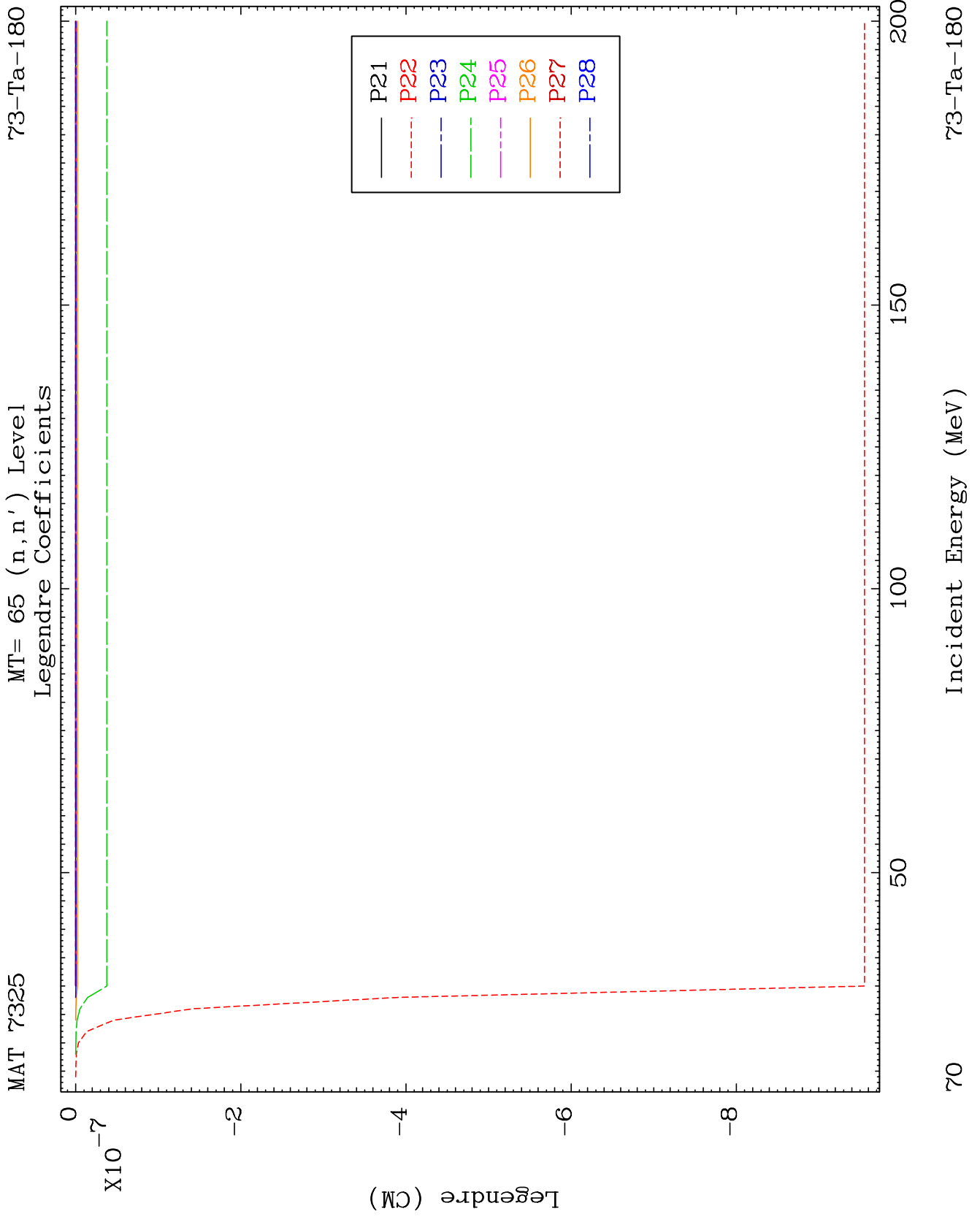


68

Incident Energy (MeV)

73-Ta-180







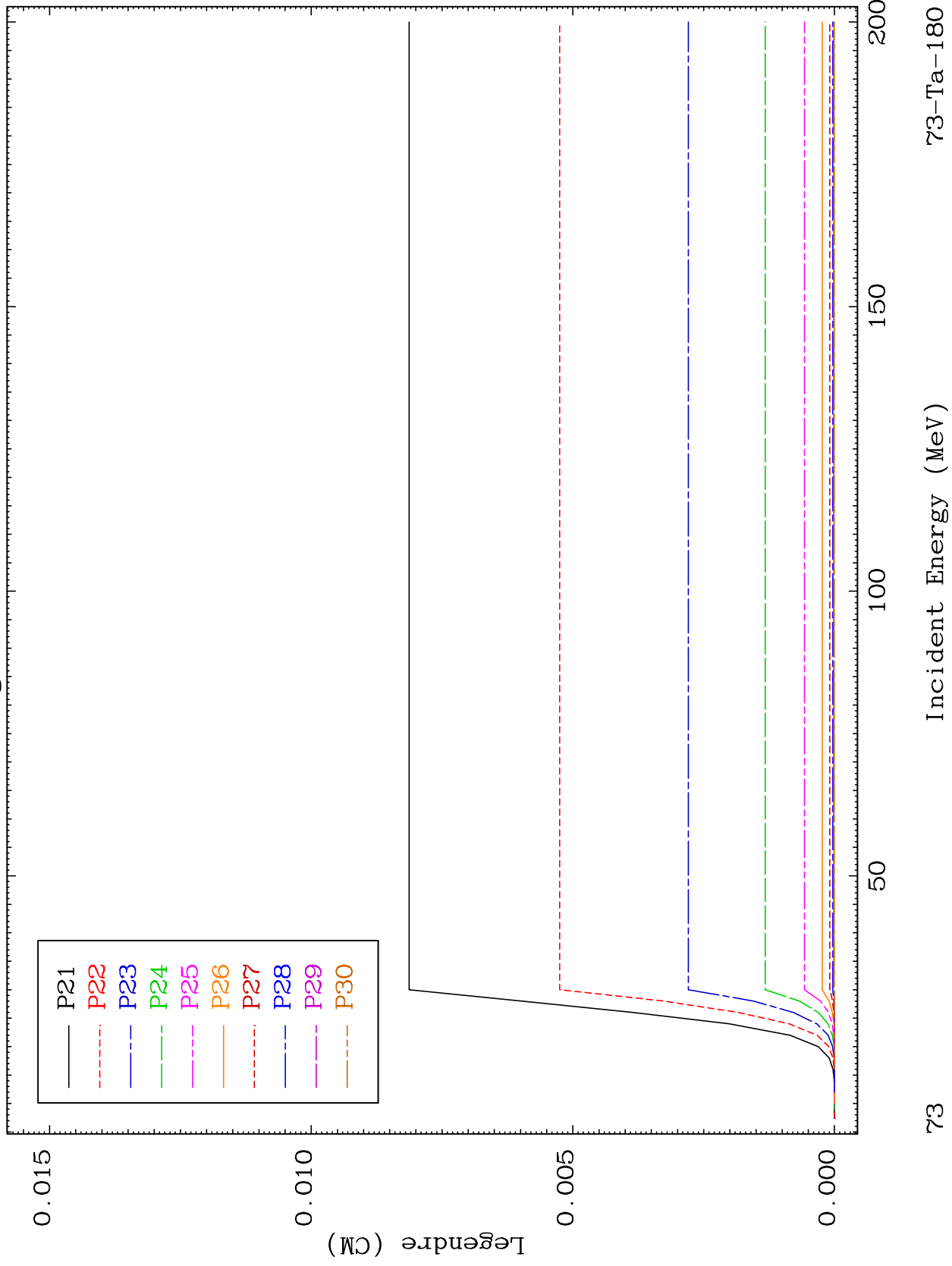




MAT 7325

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

73-Ta-180



73

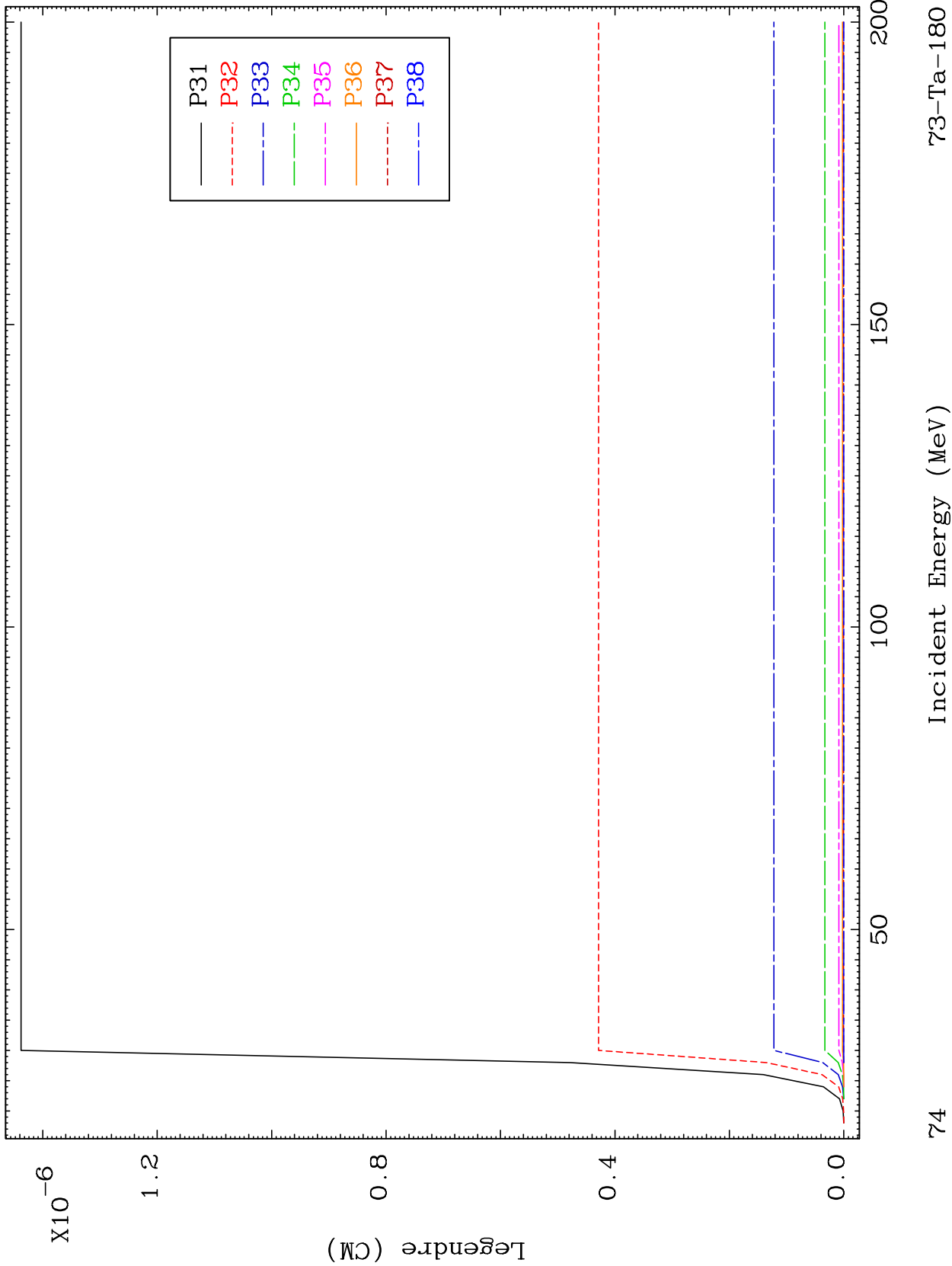
Incident Energy (MeV)

73-Ta-180

MAT 7325

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

73-Ta-180



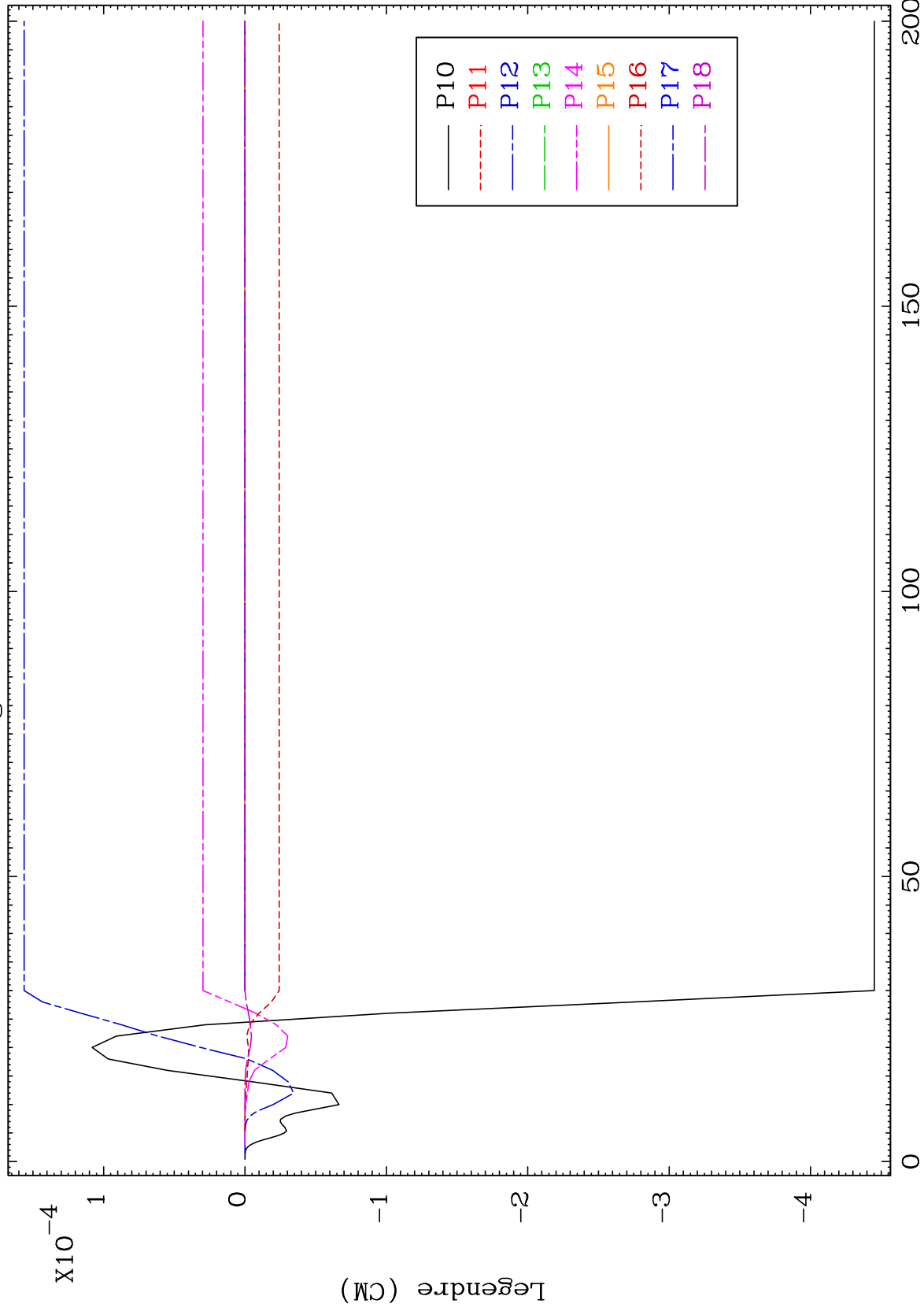
74



MAT 7325

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

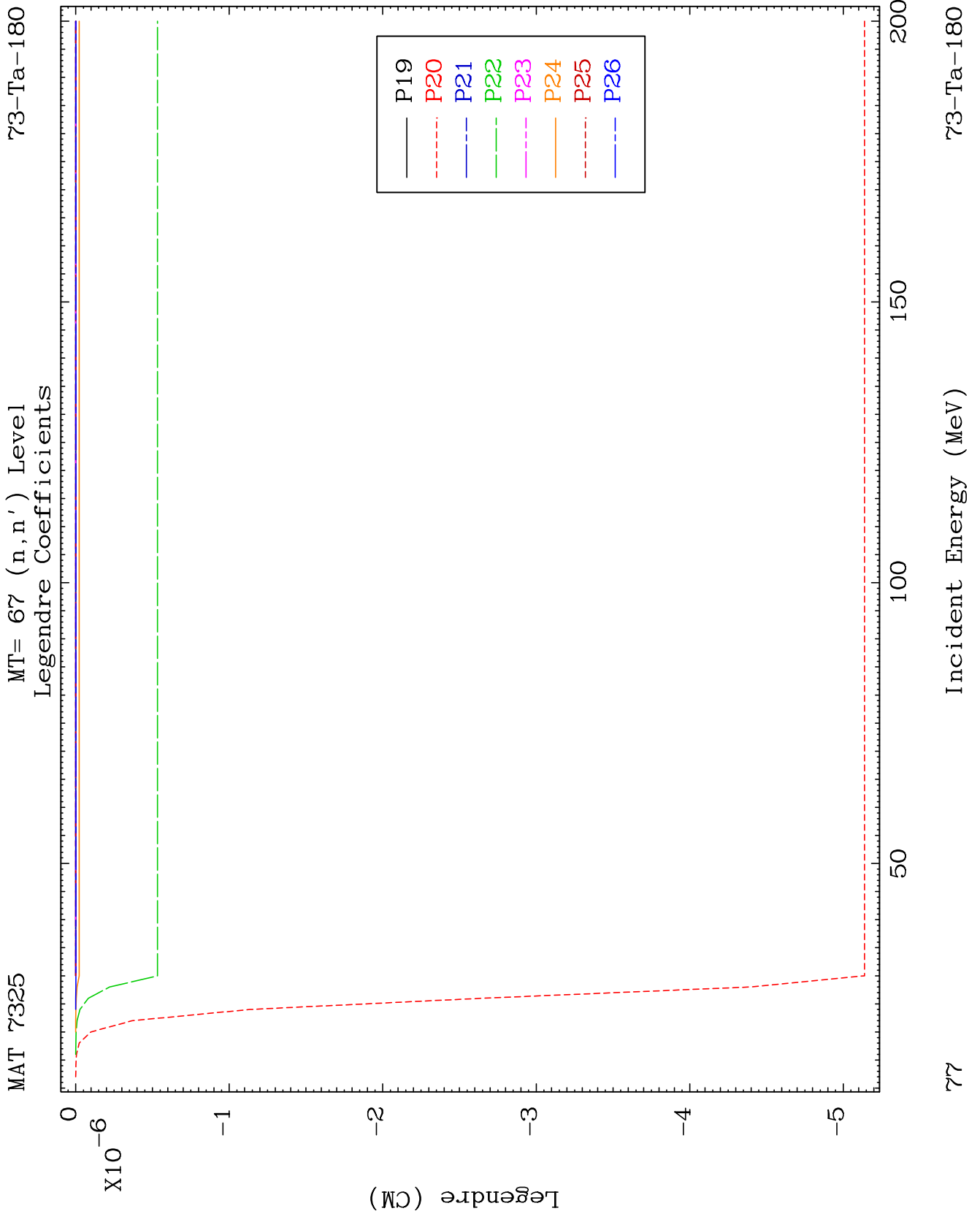
73-Ta-180



76

Incident Energy (MeV)

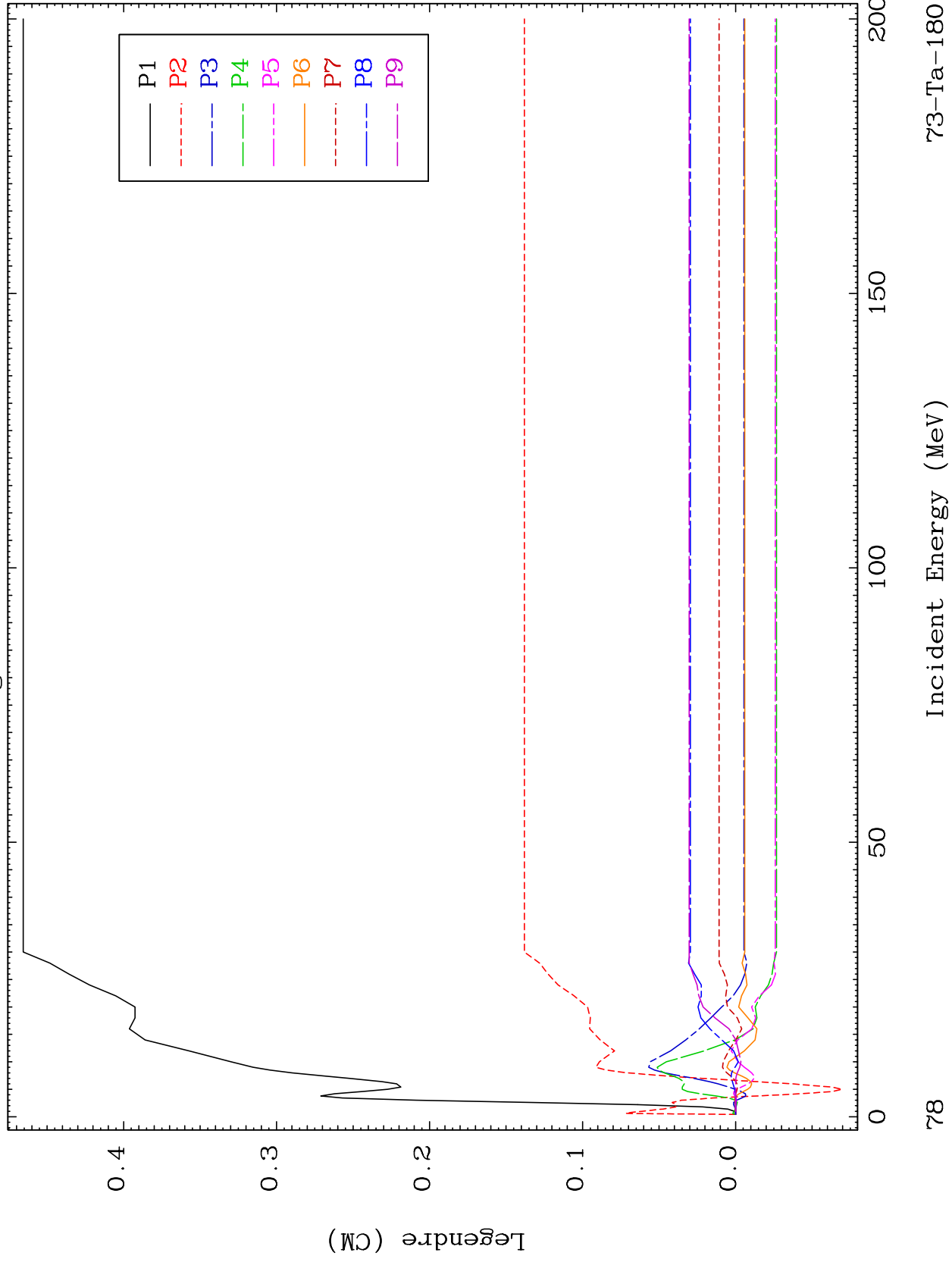
73-Ta-180



MAT 7325

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

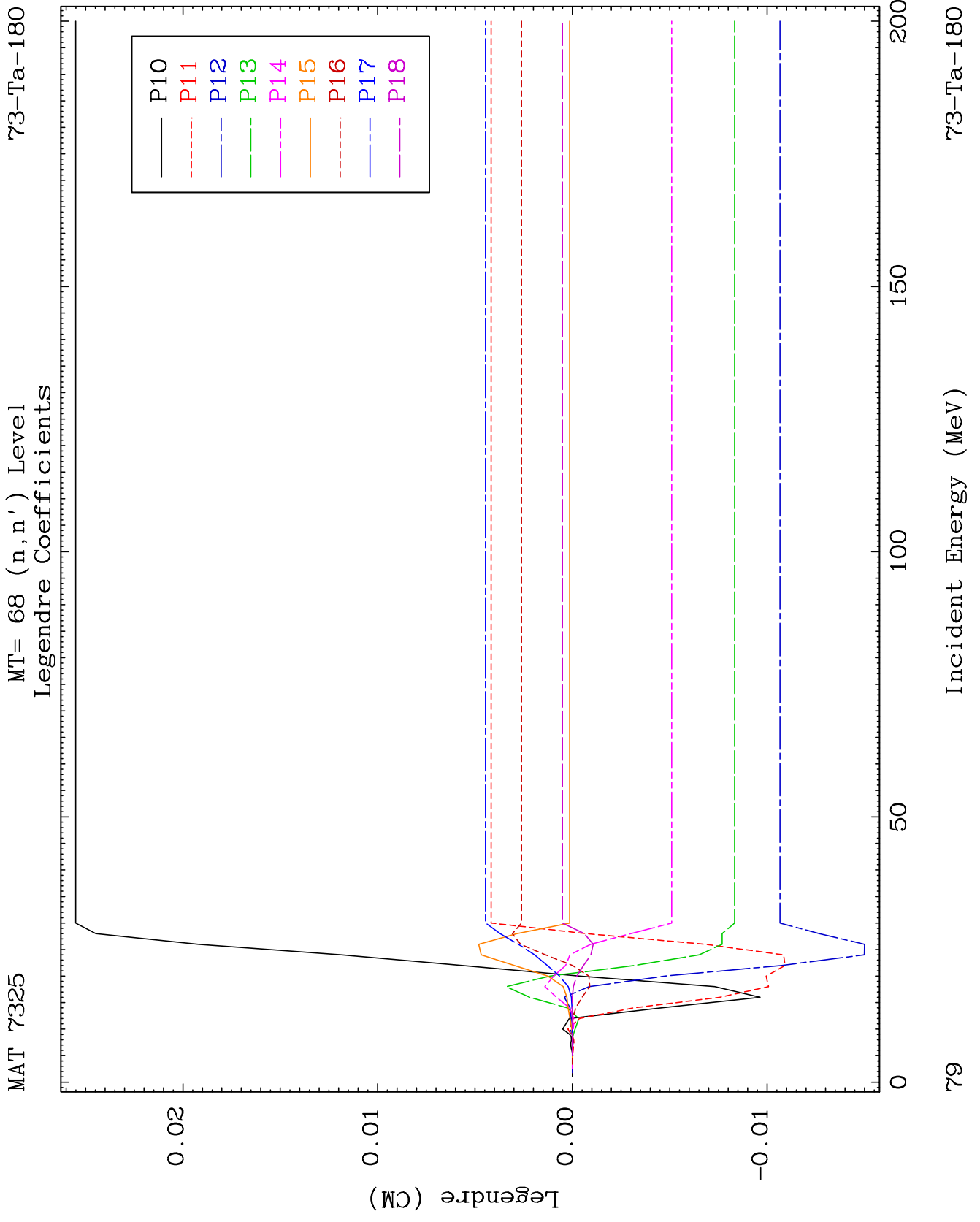
73-Ta-180



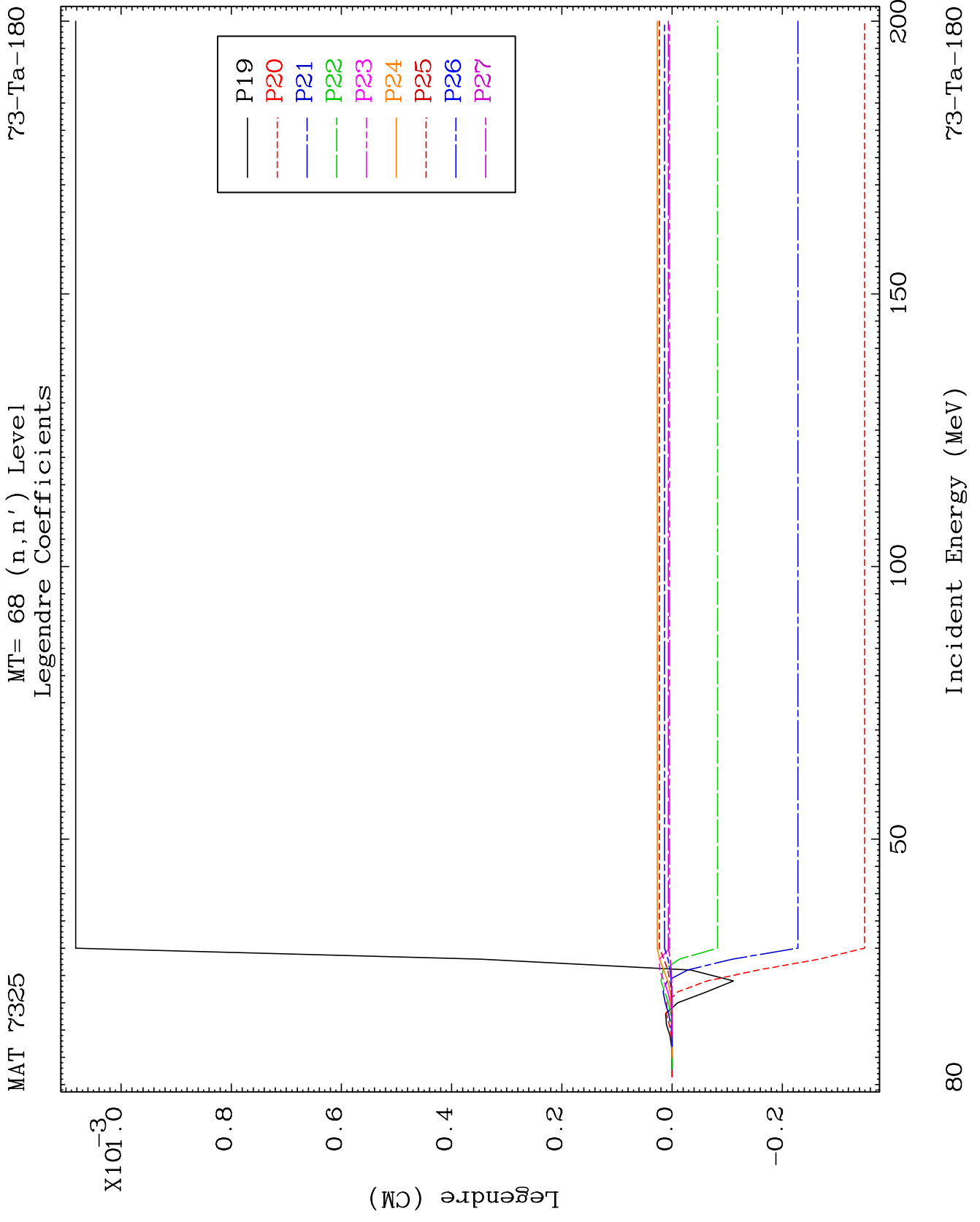
73-Ta-180

Incident Energy (MeV)

78



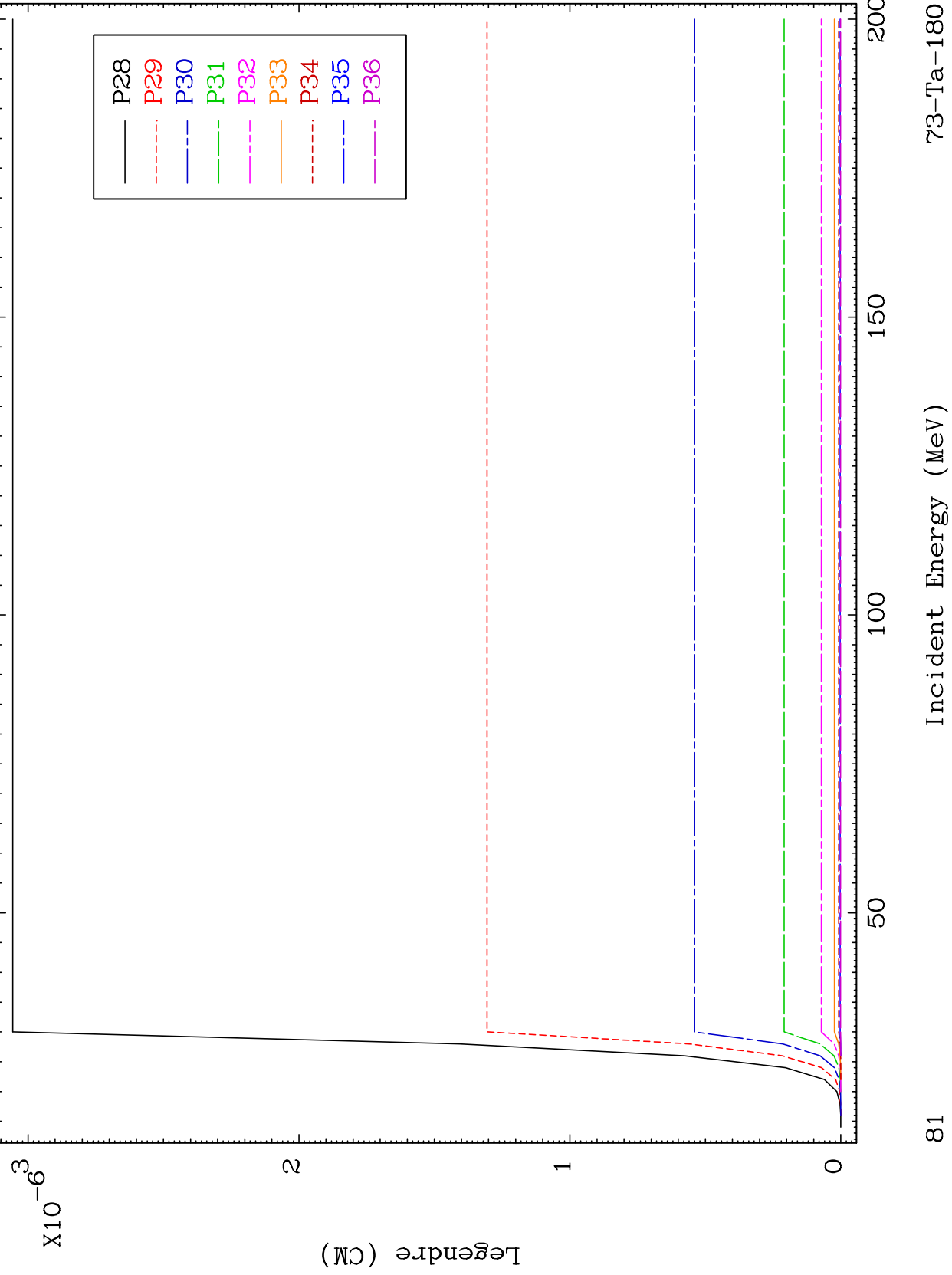


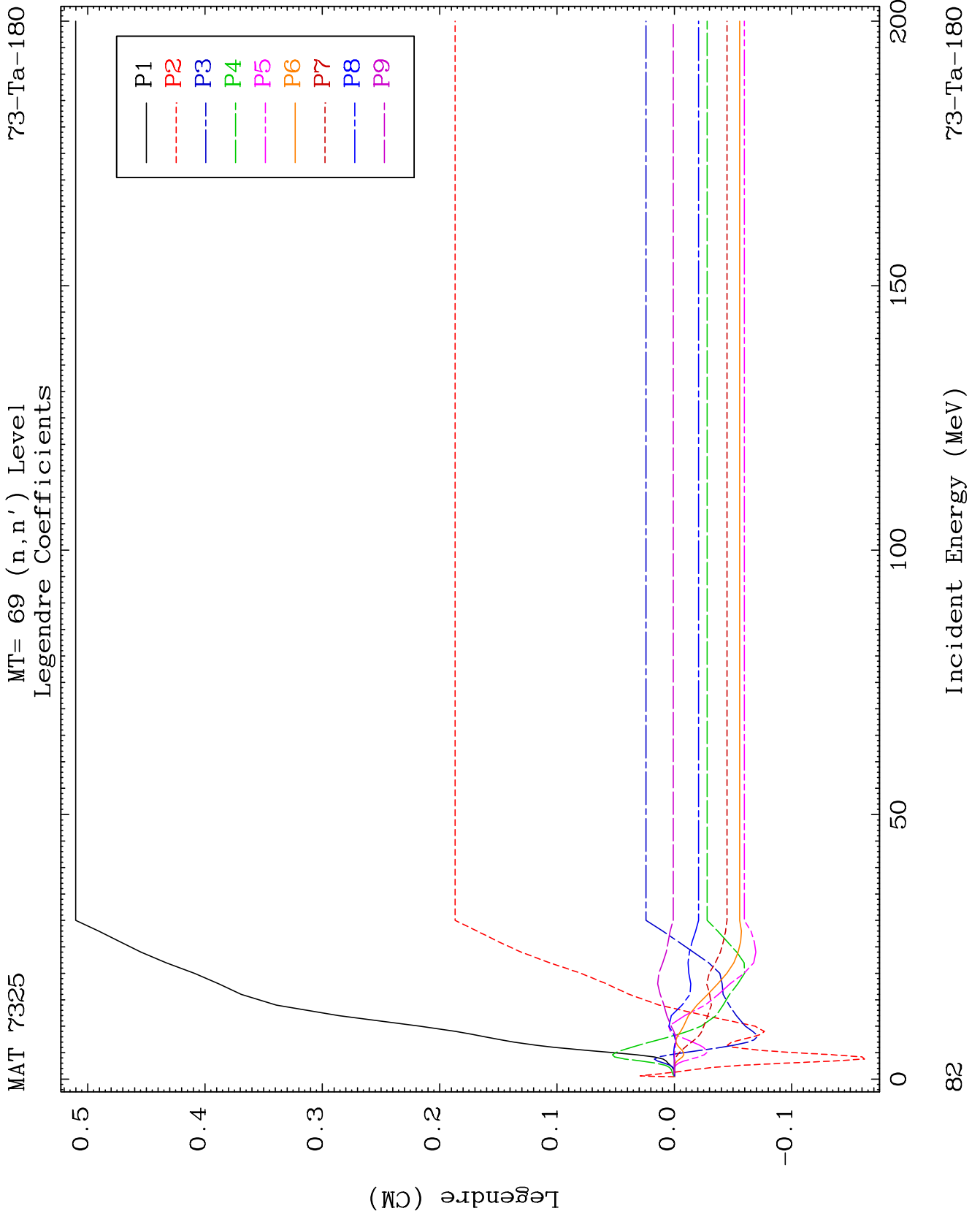


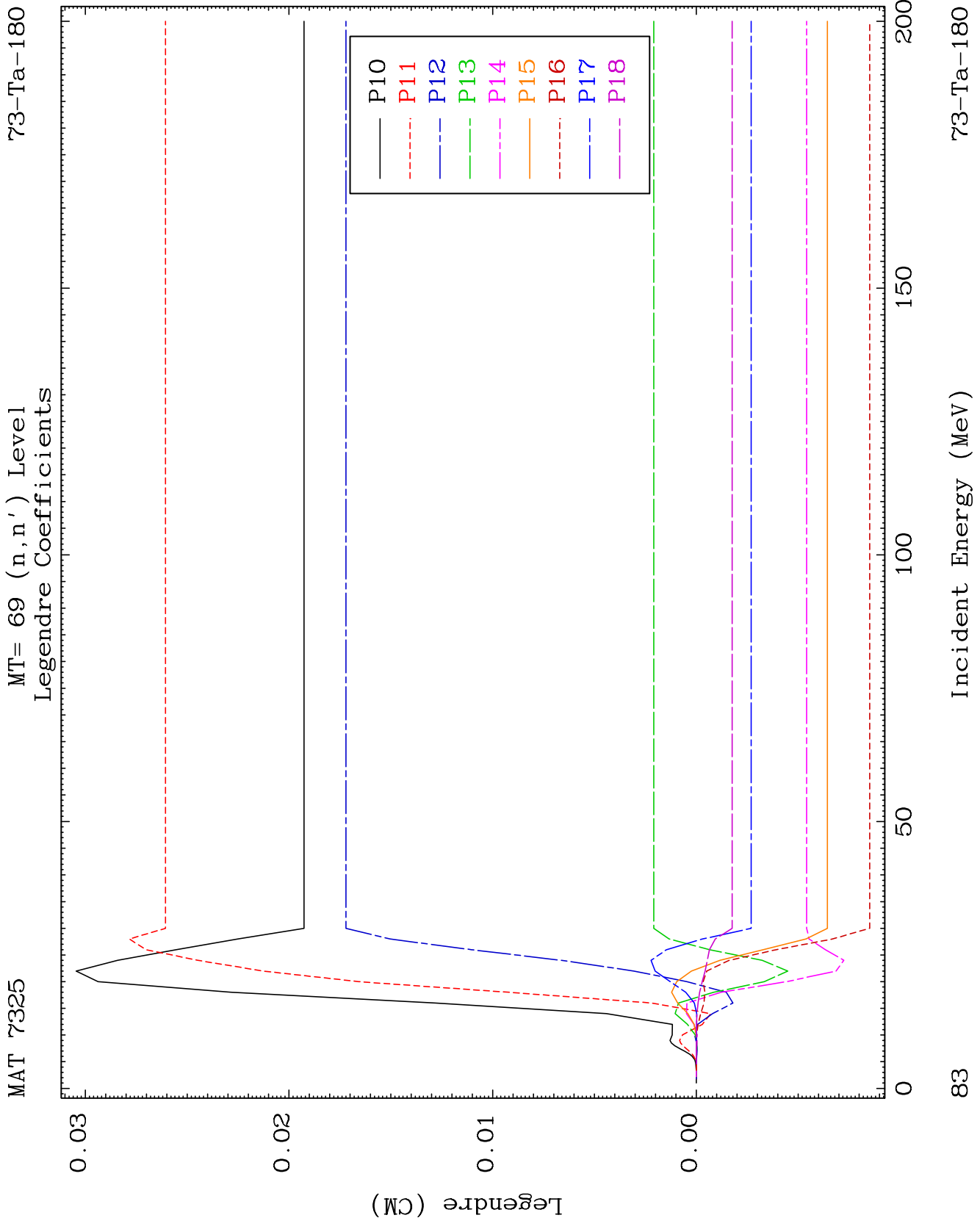
MAT 7325

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

73-Ta-180



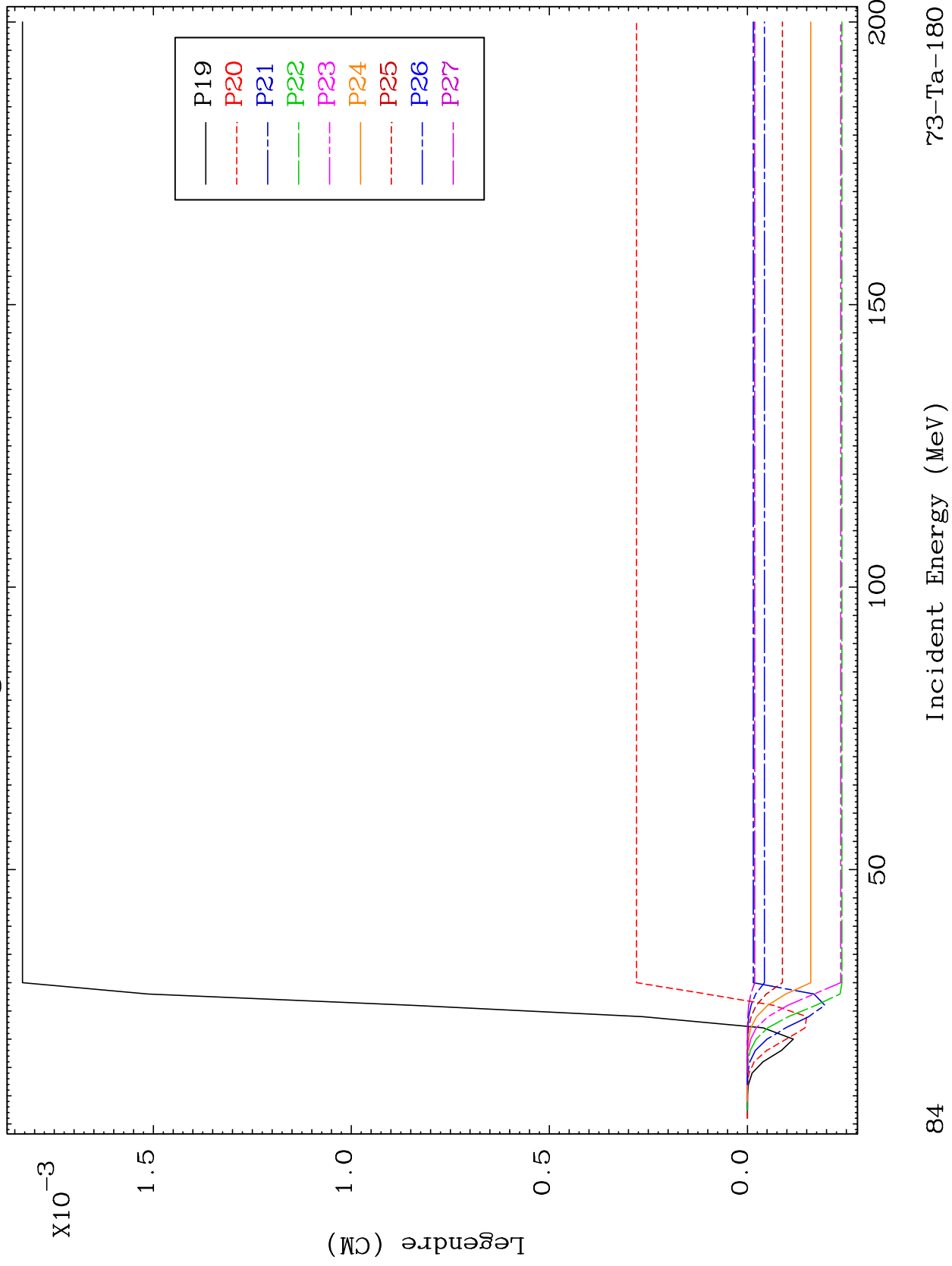


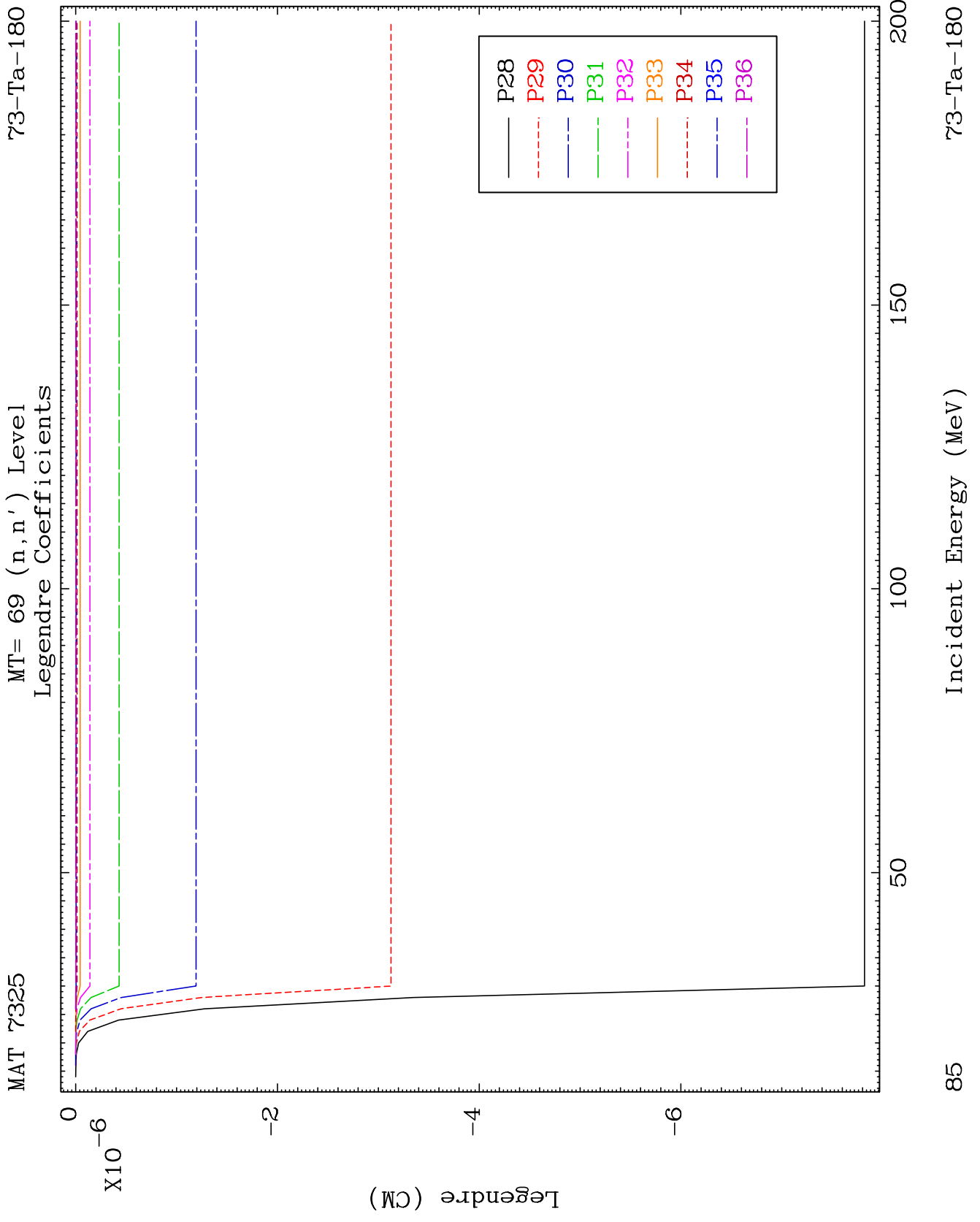


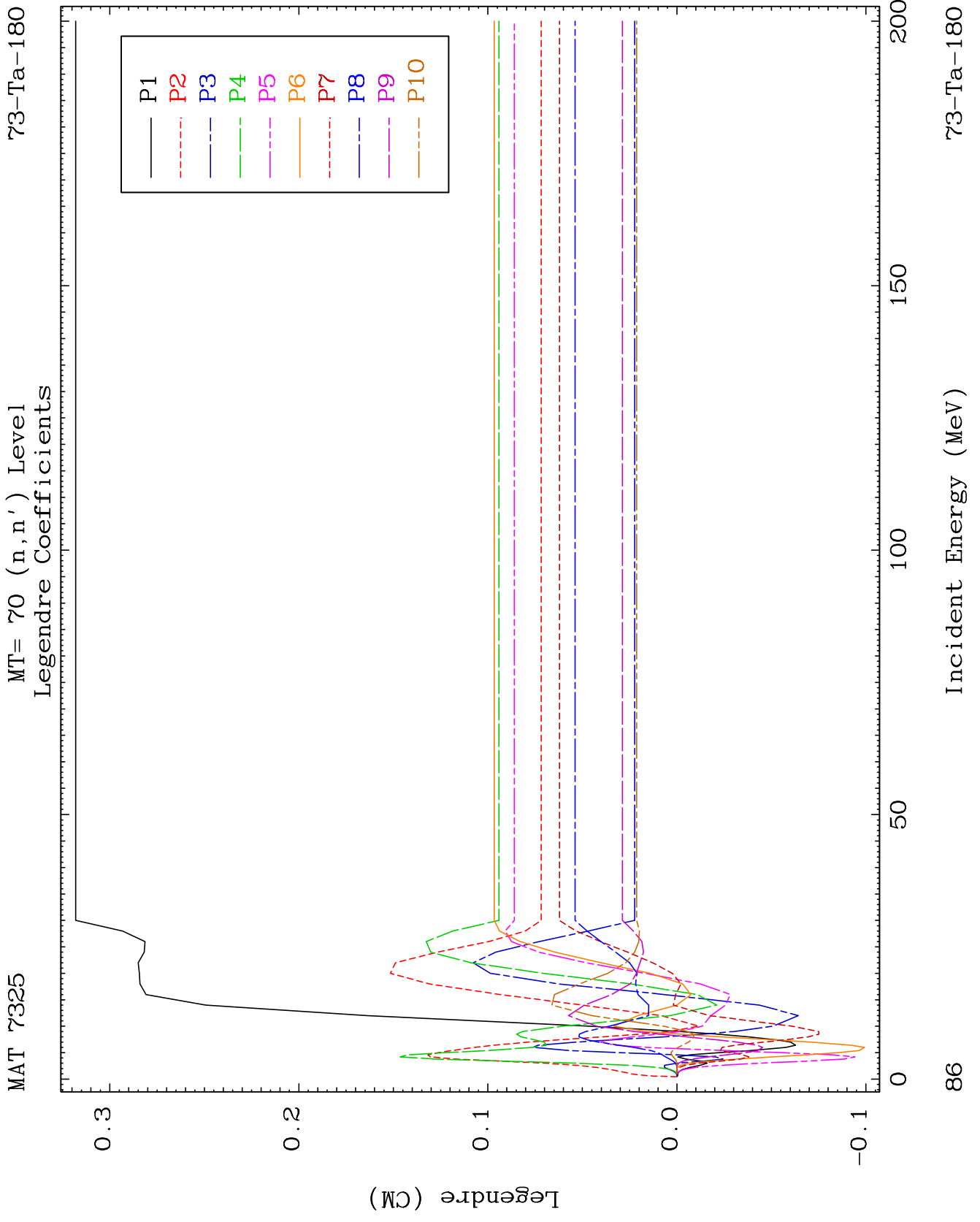
MAT 7325

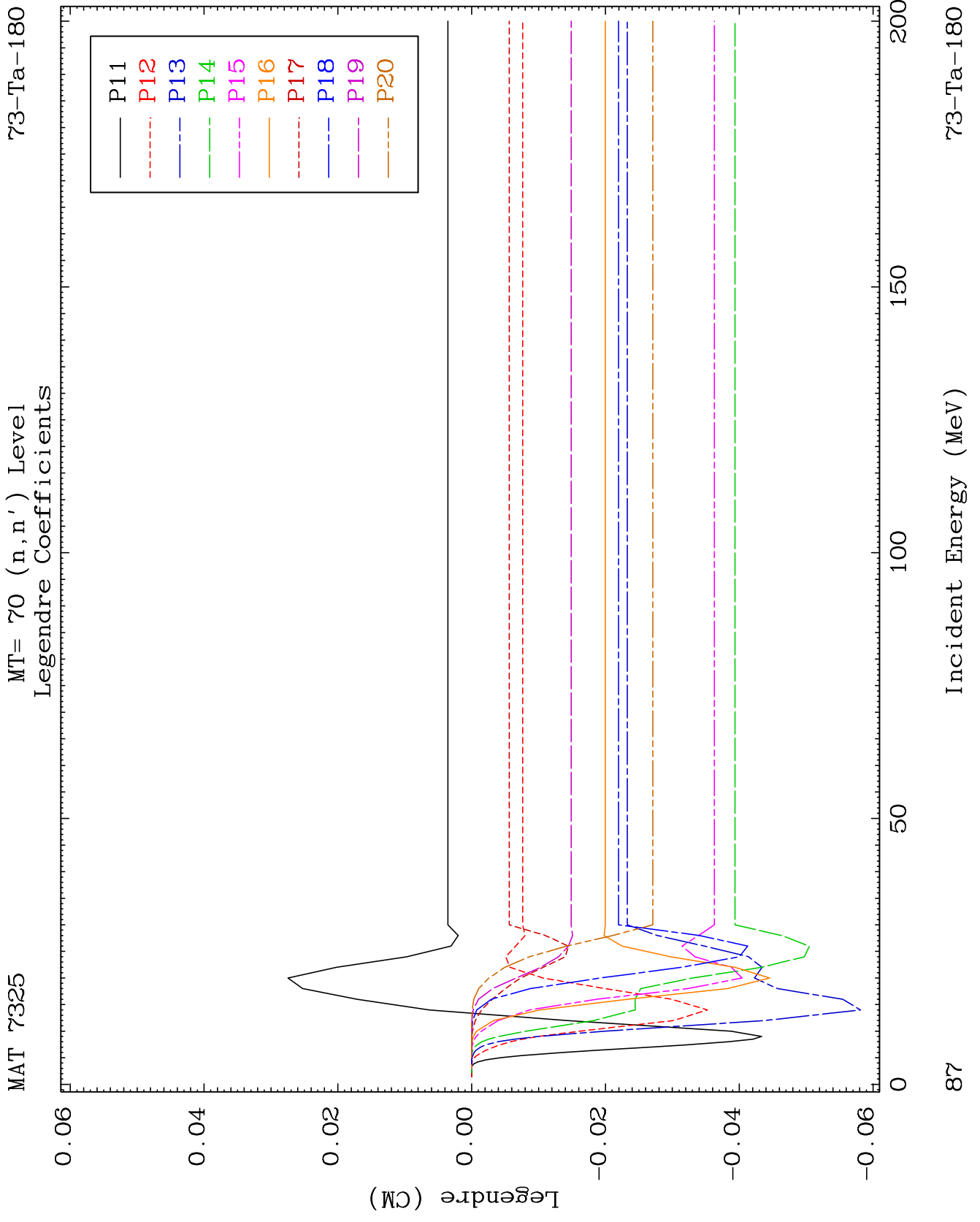
MT= 69 (n,n') Level  
Legendre Coefficients

73-Ta-180

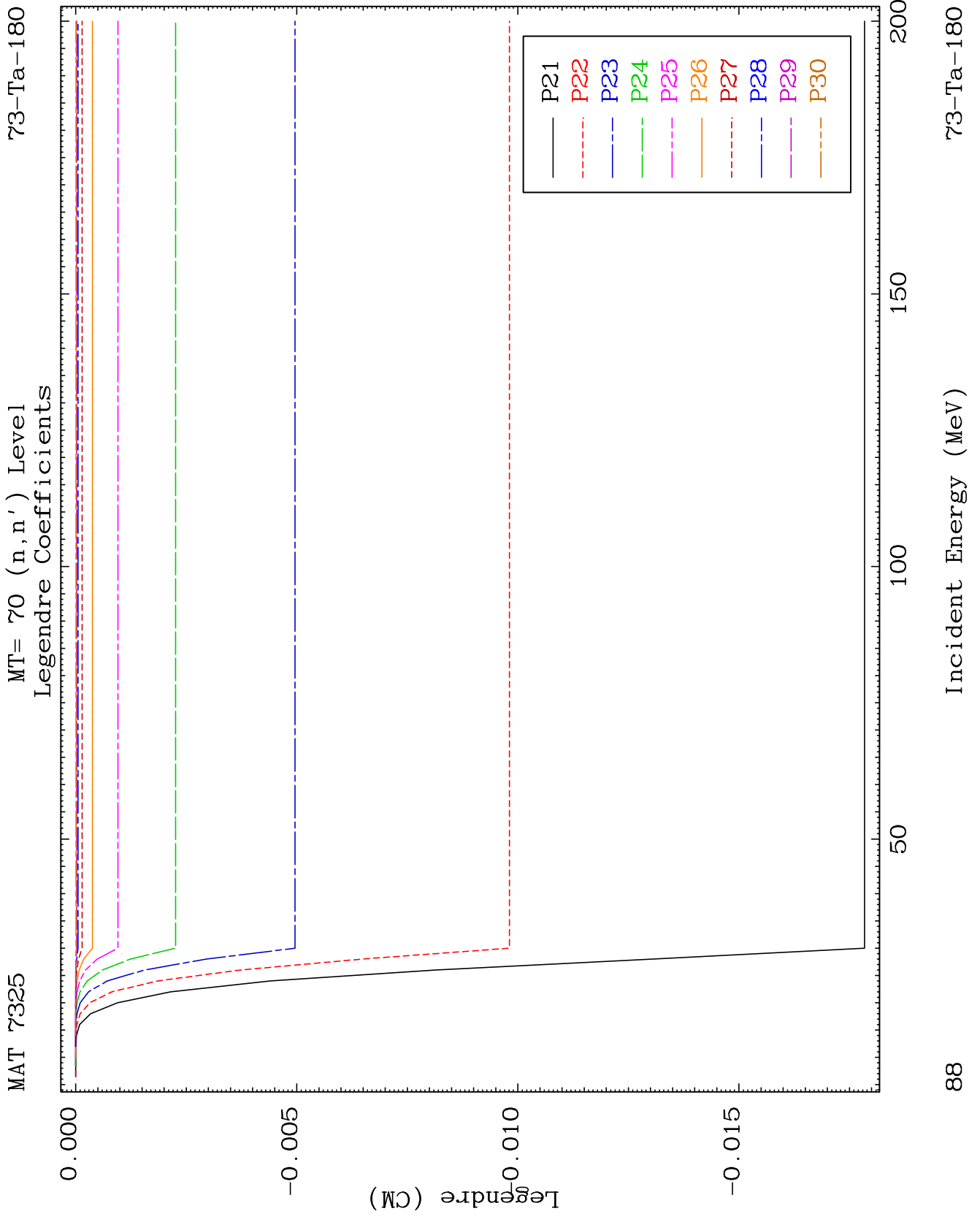


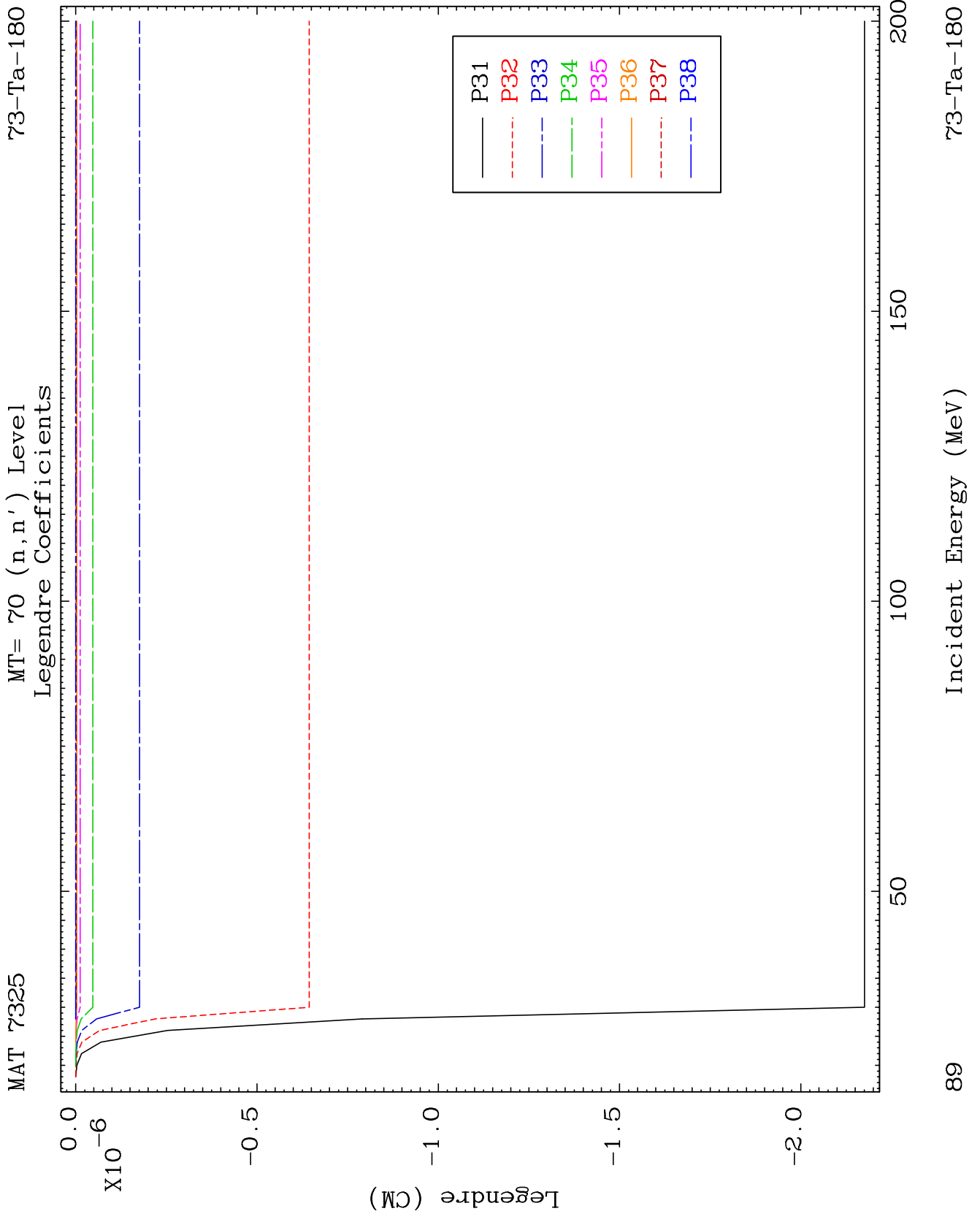










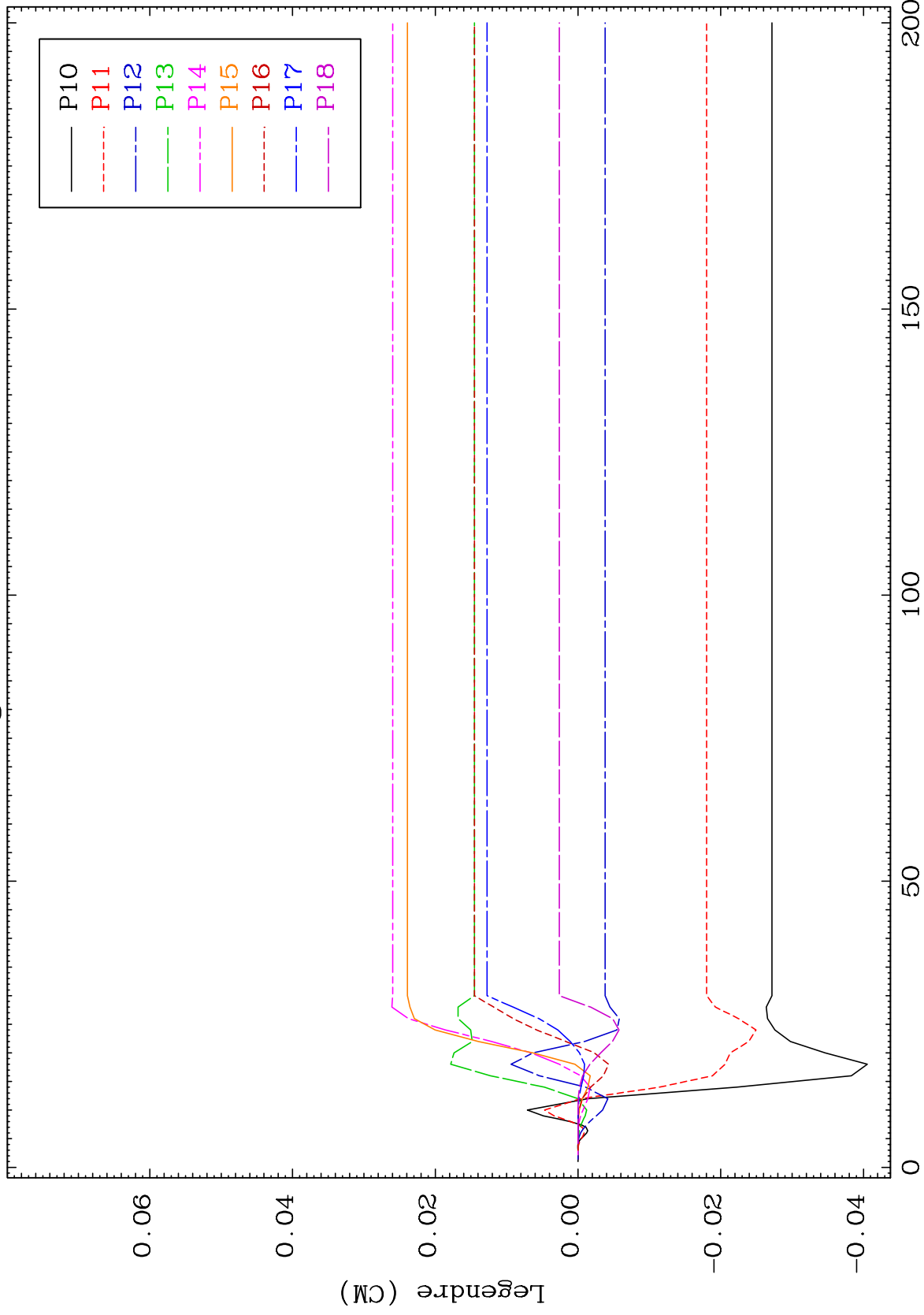




MAT 7325

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

73-Ta-180



91

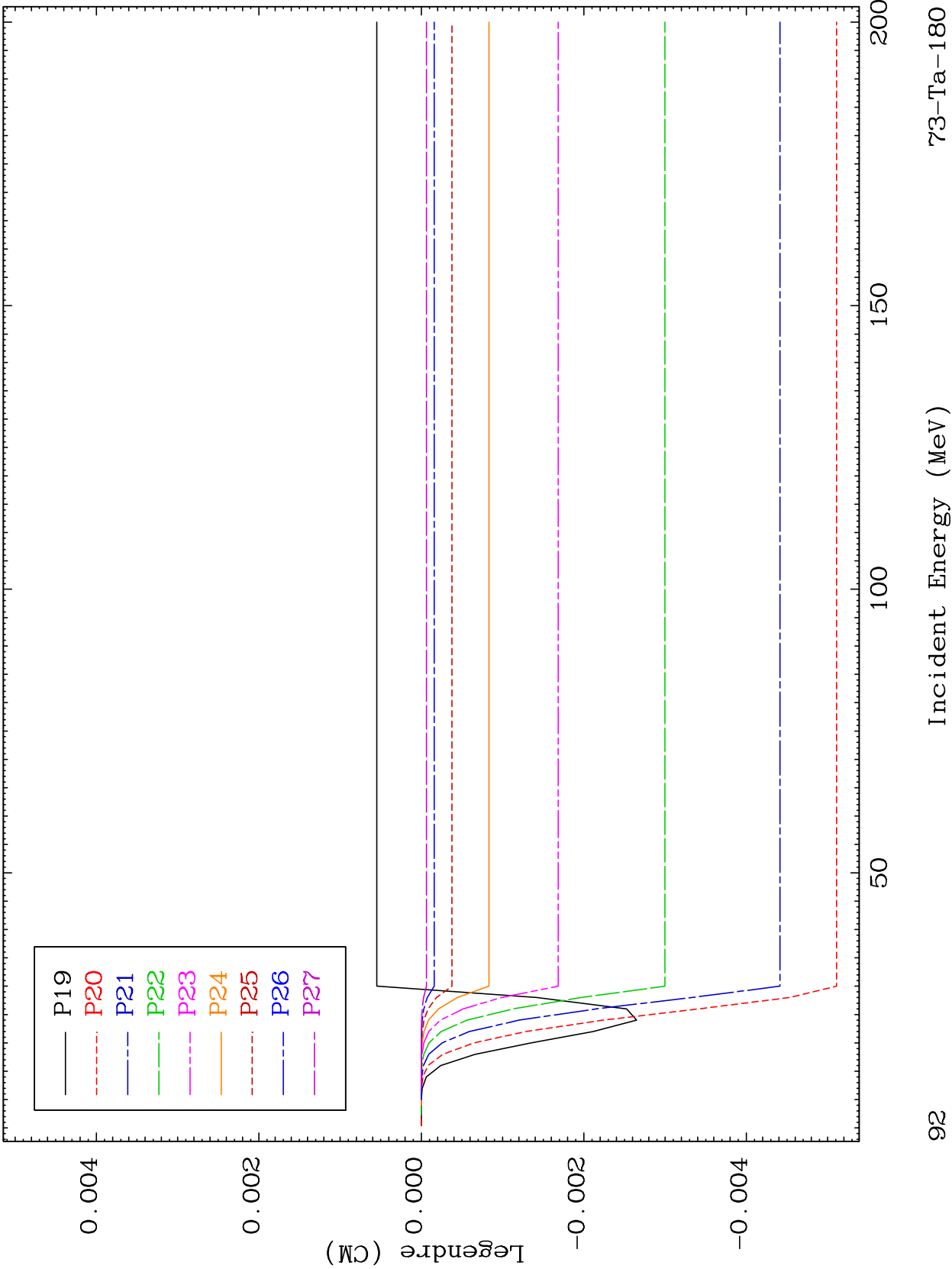
Incident Energy (MeV)

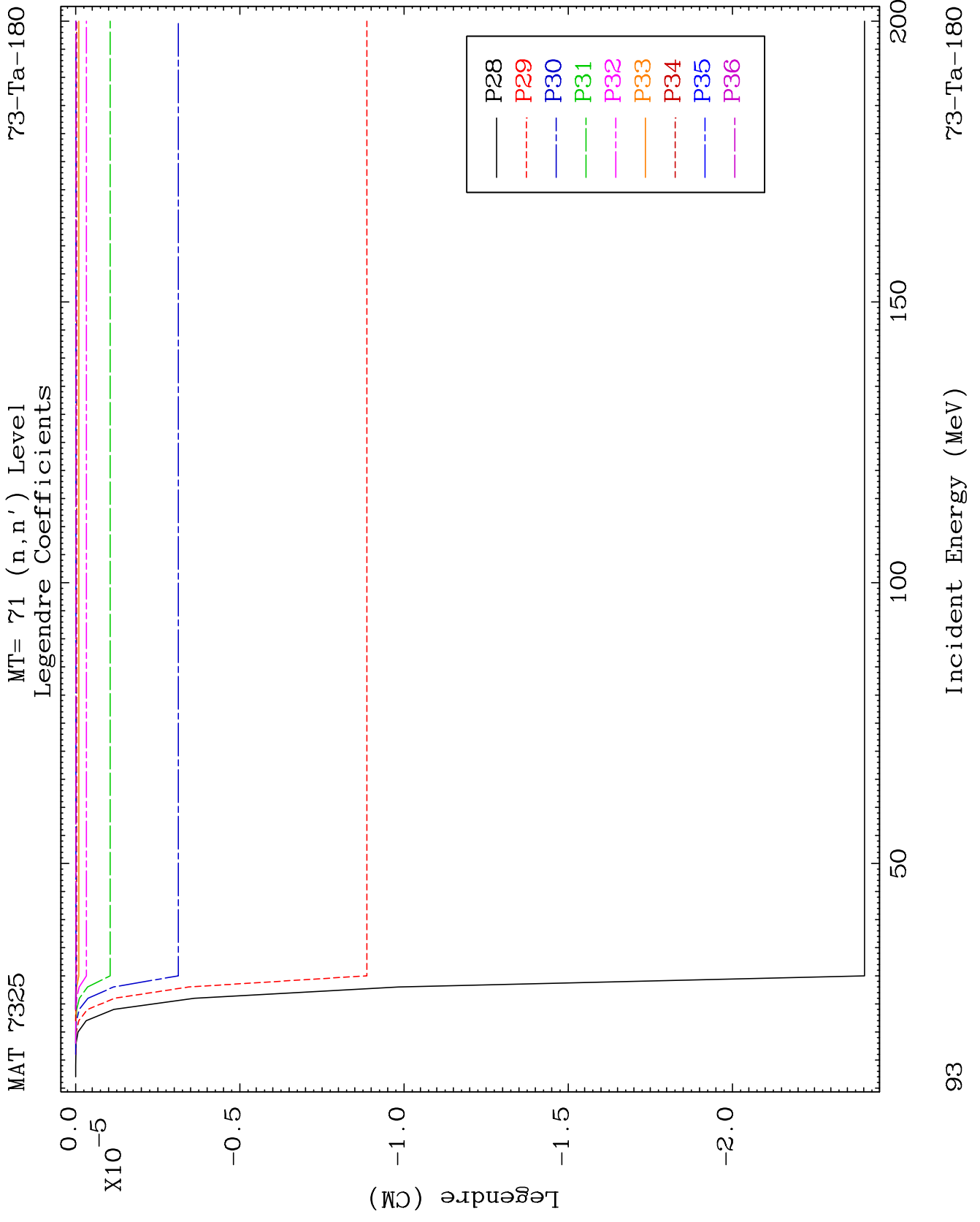
73-Ta-180

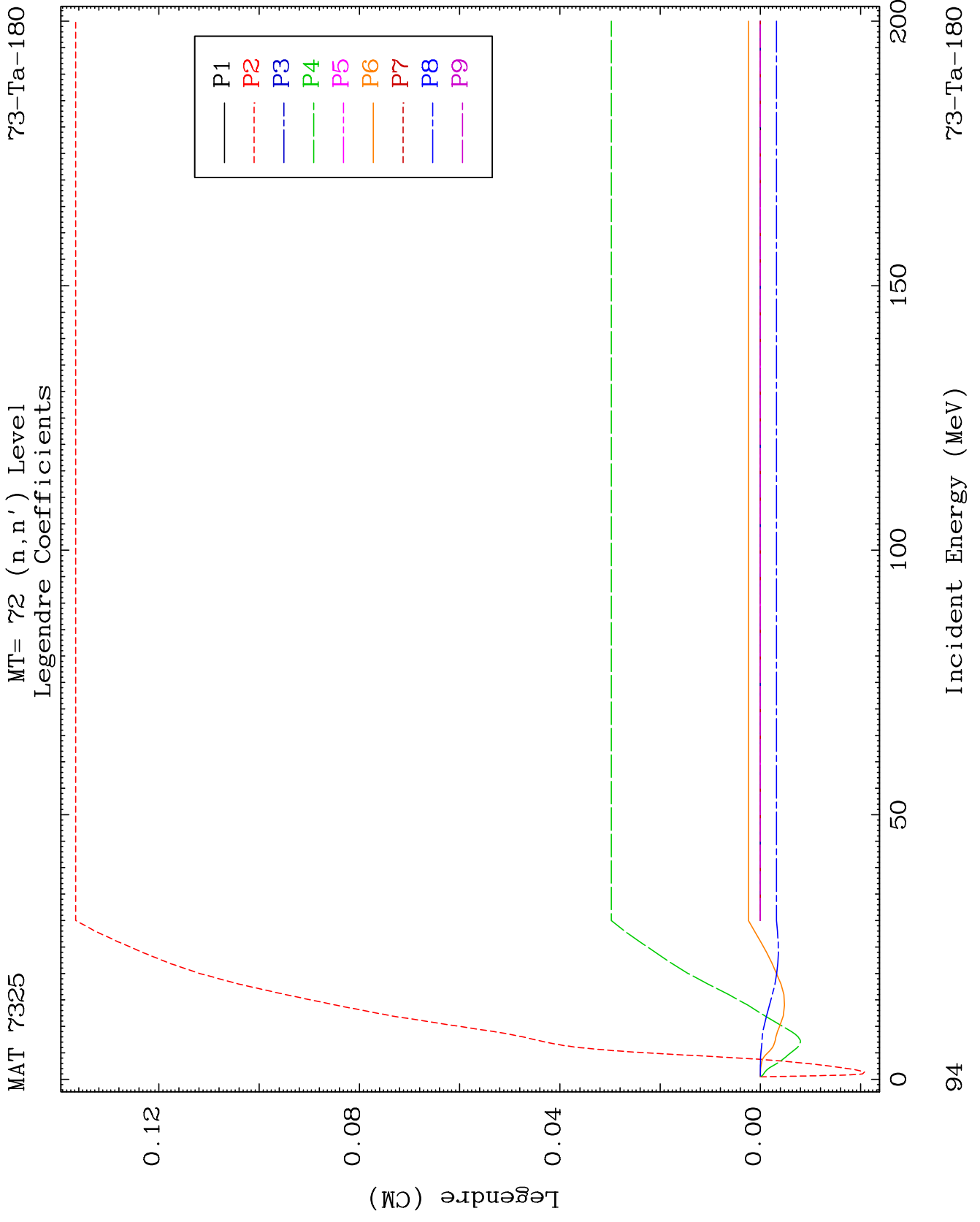
MAT 7325

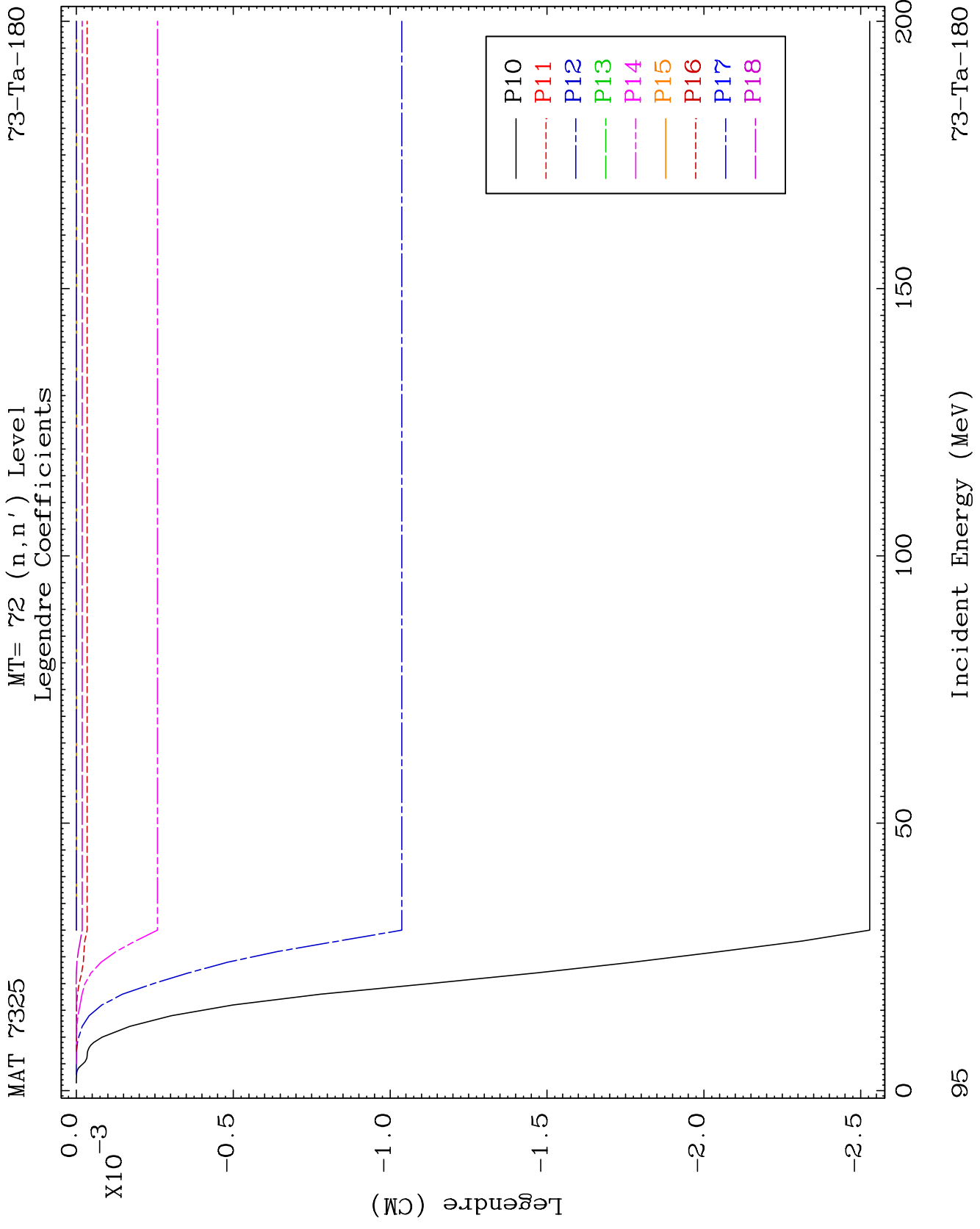
MT= 71 (n,n') Level  
Legendre Coefficients

73-Ta-180



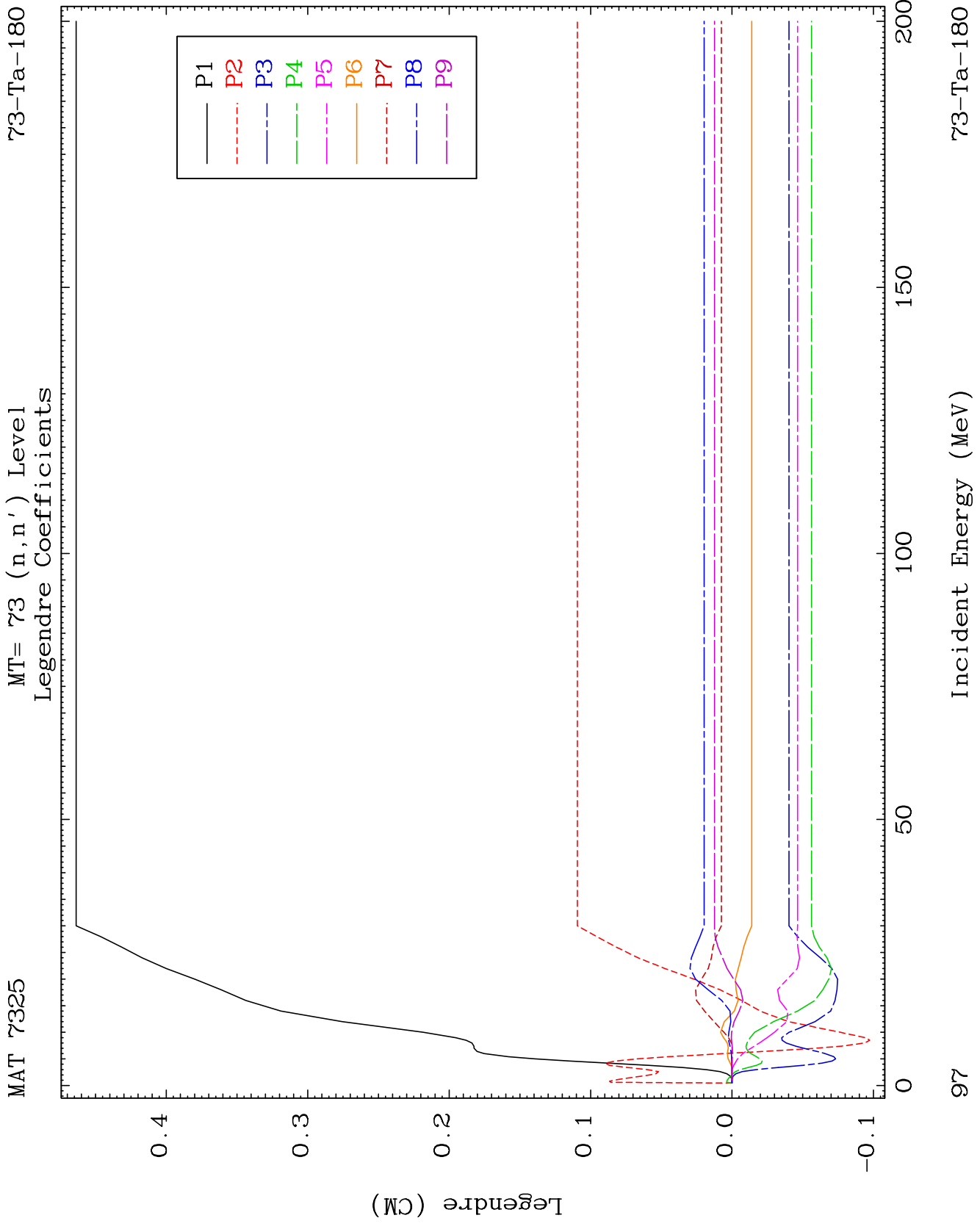


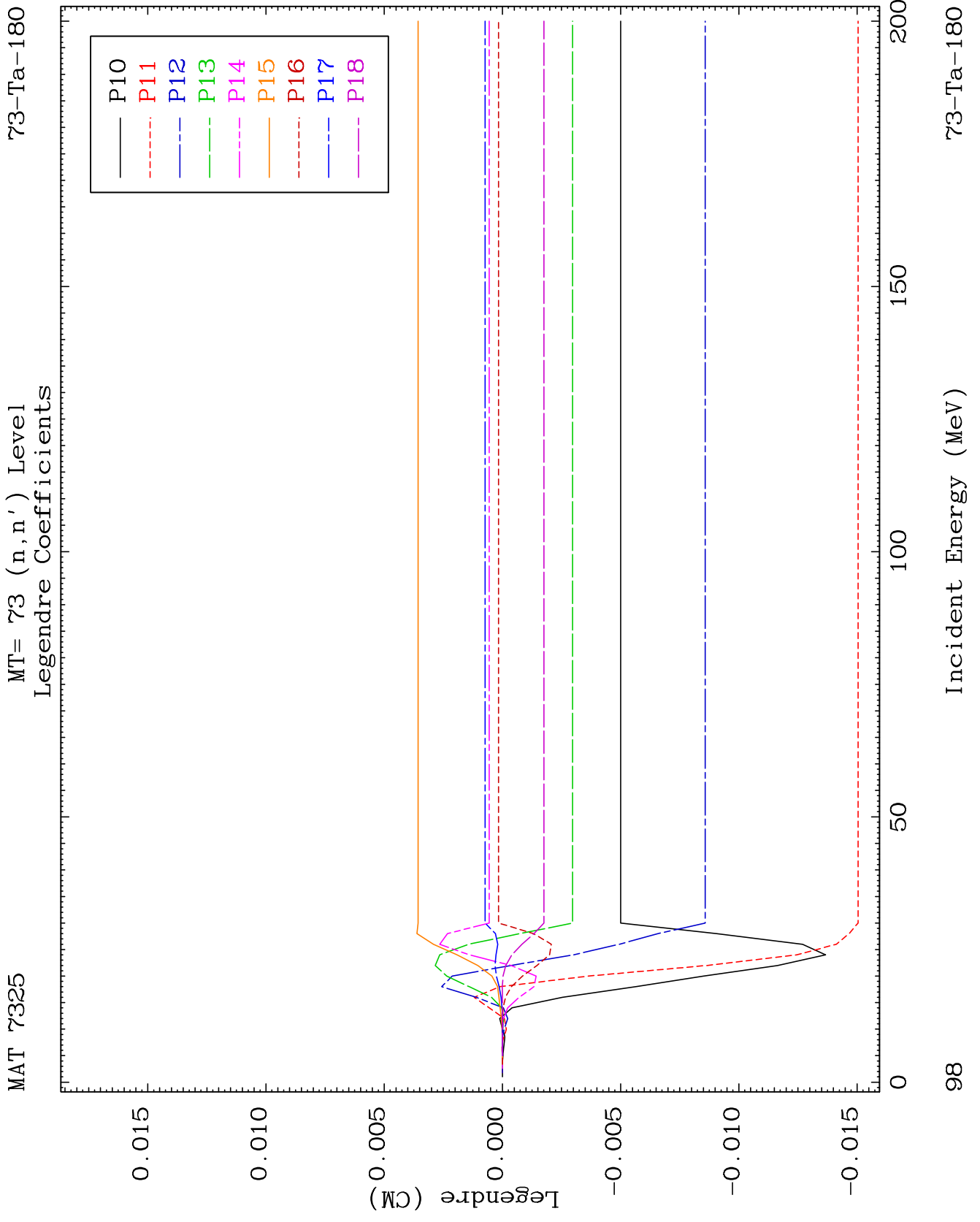








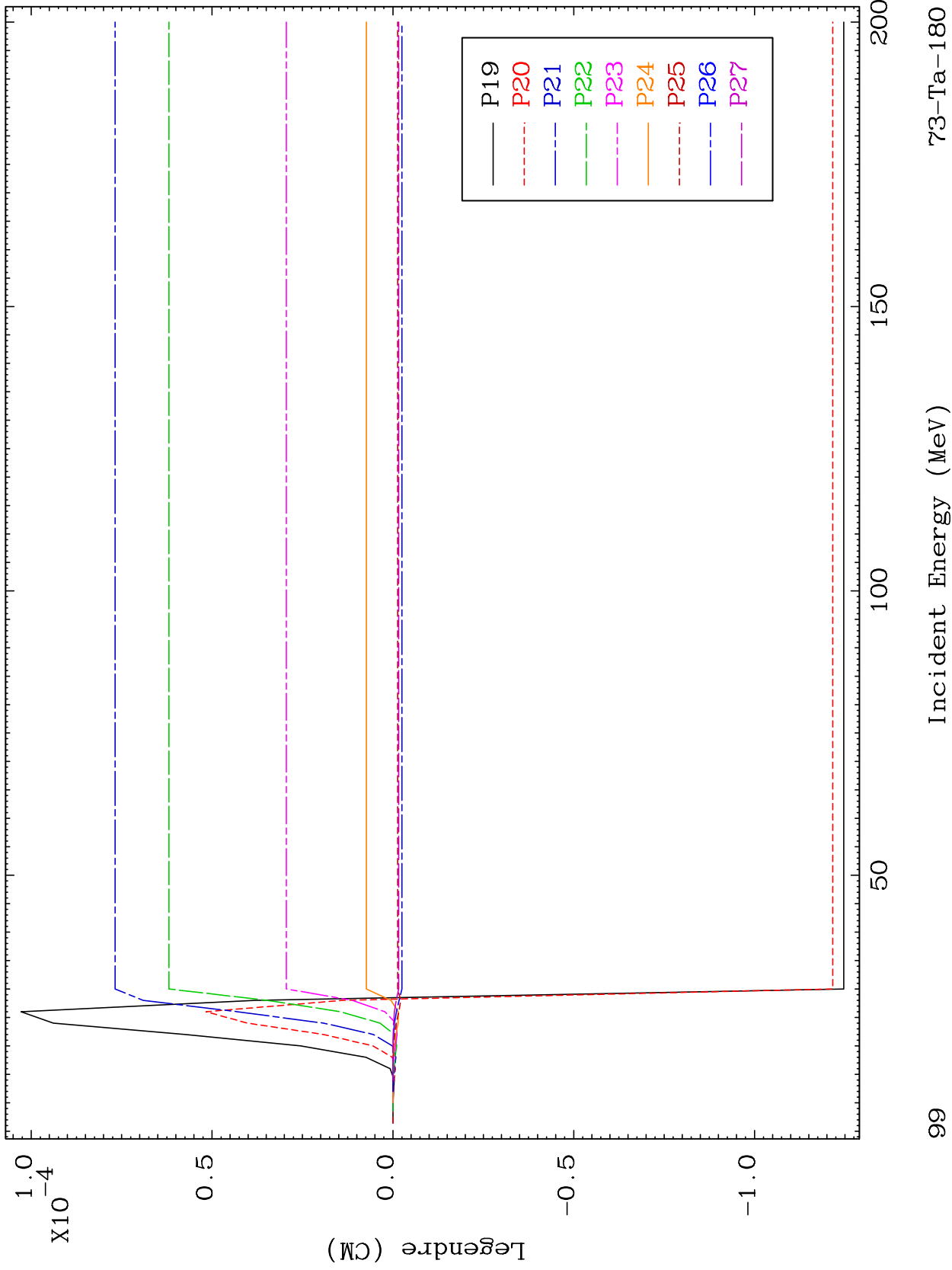




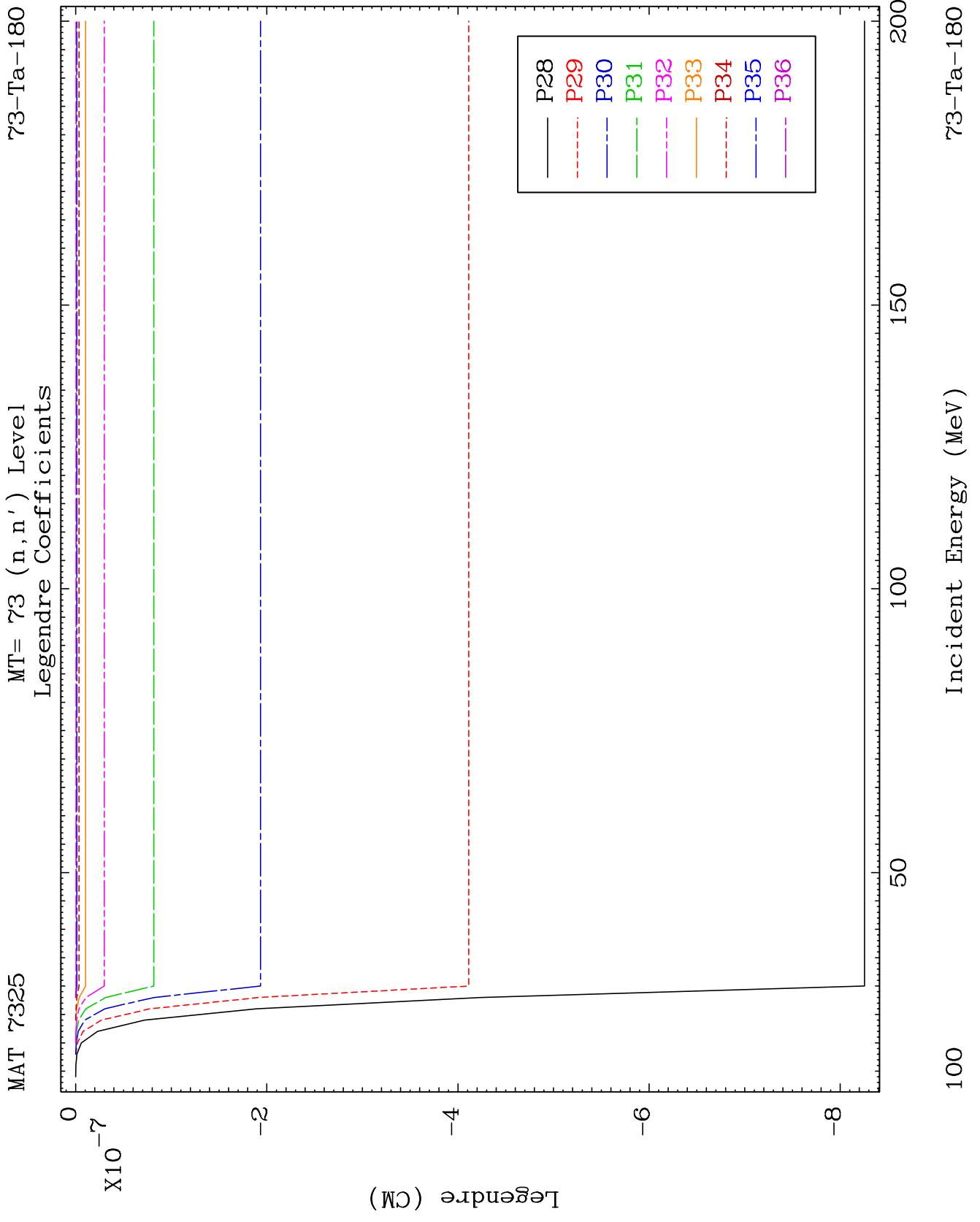
MAT 7325

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

73-Ta-180



99

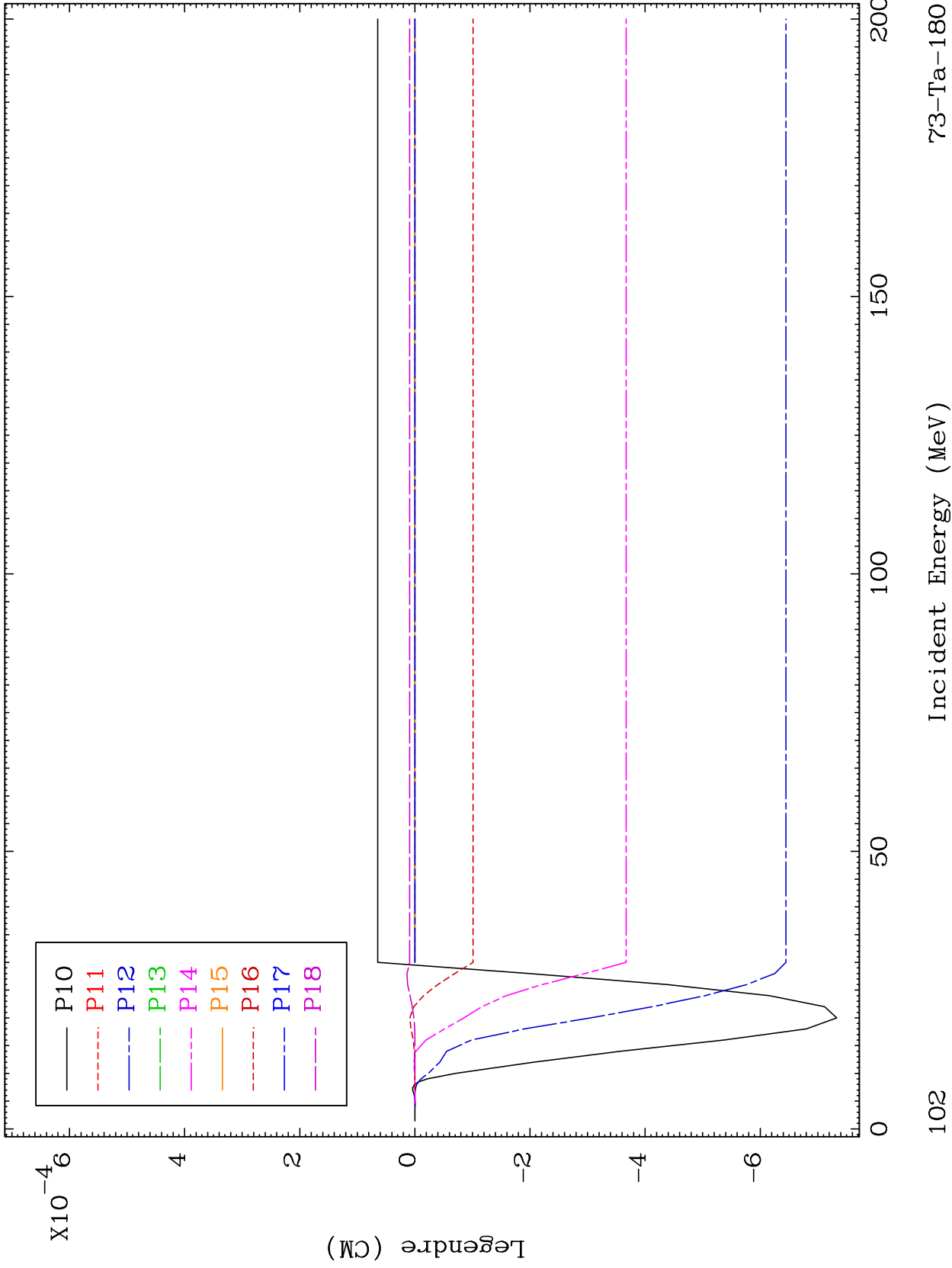




MAT 7325

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

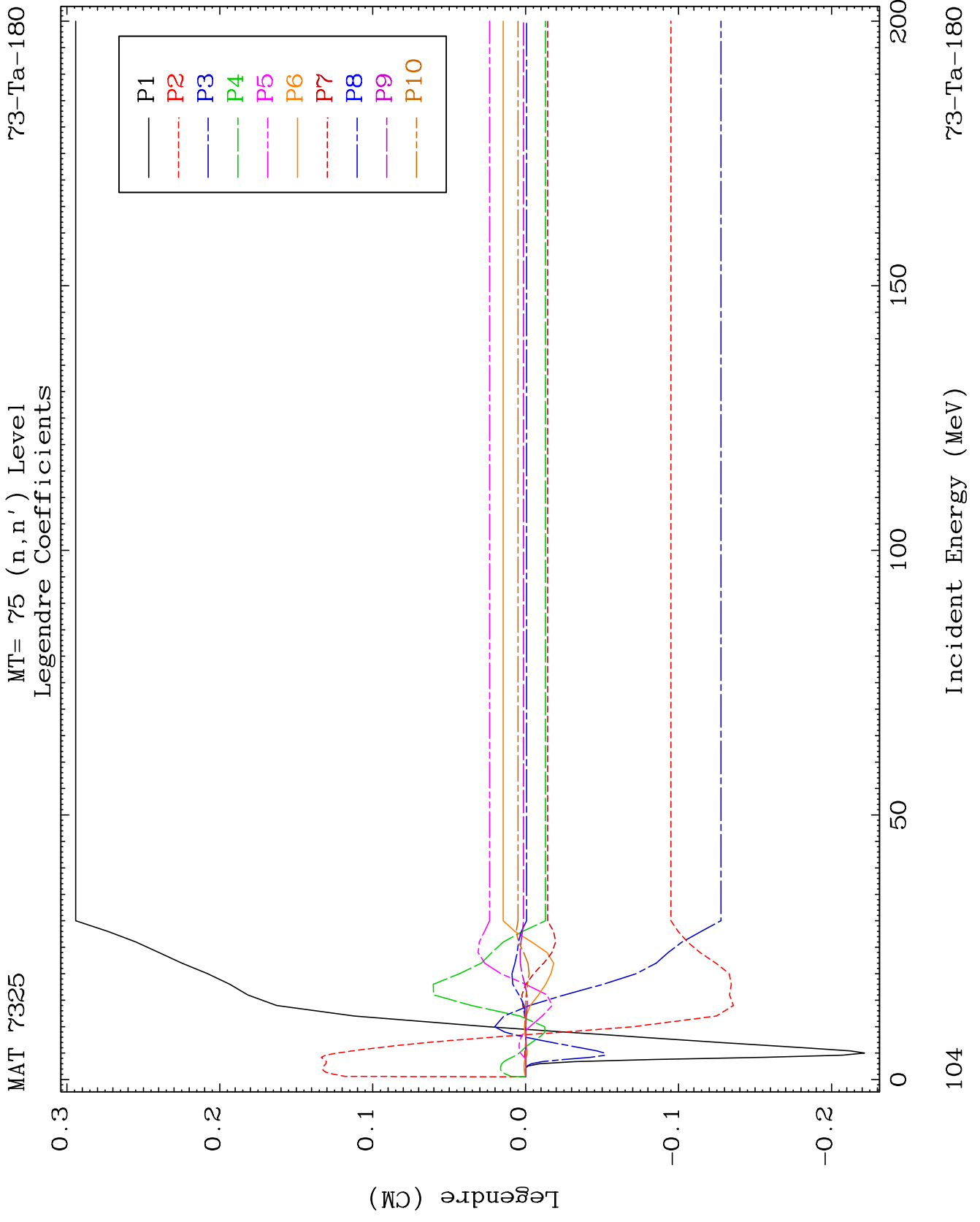
73-Ta-180



102



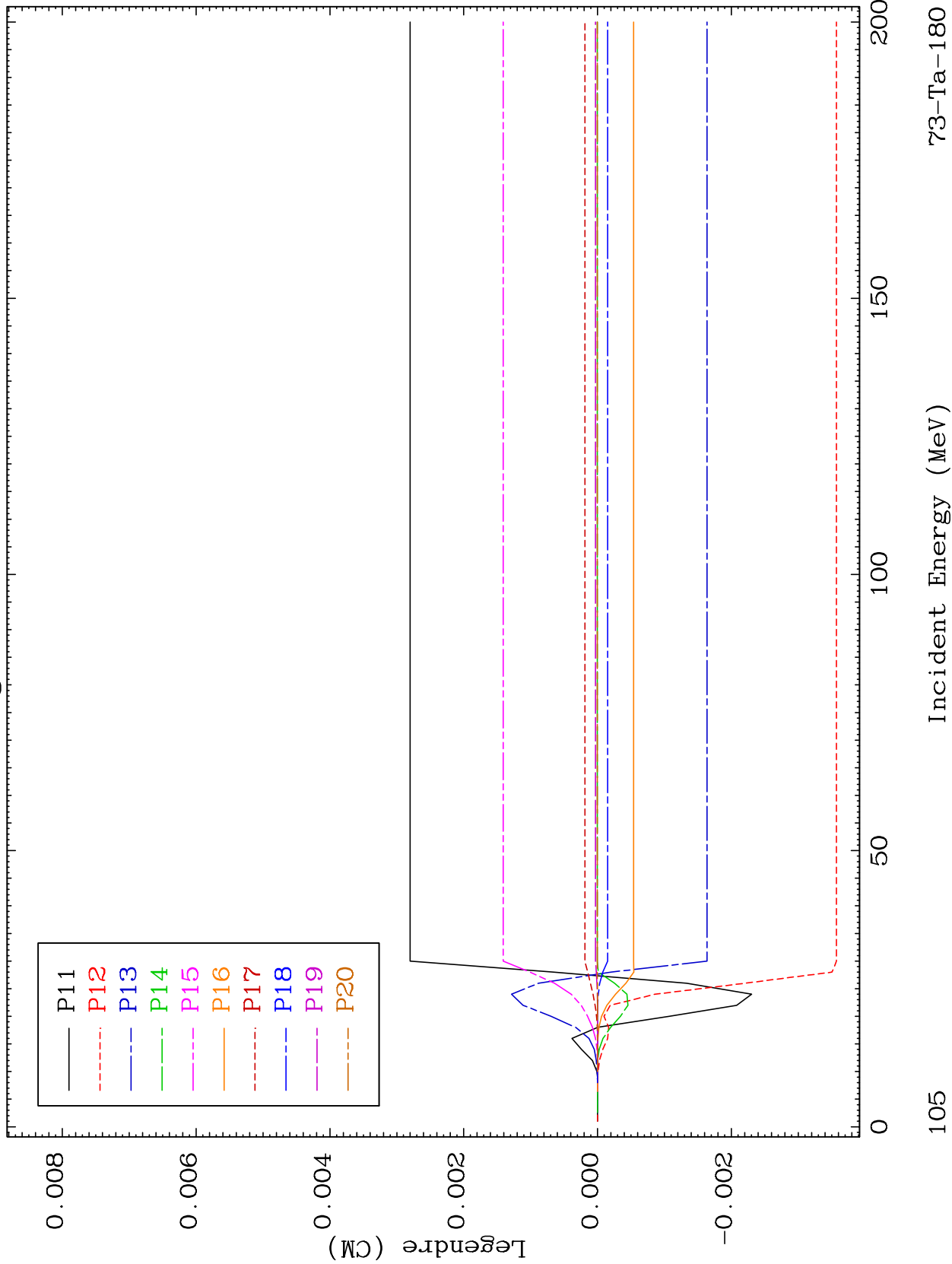




MAT 7325

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

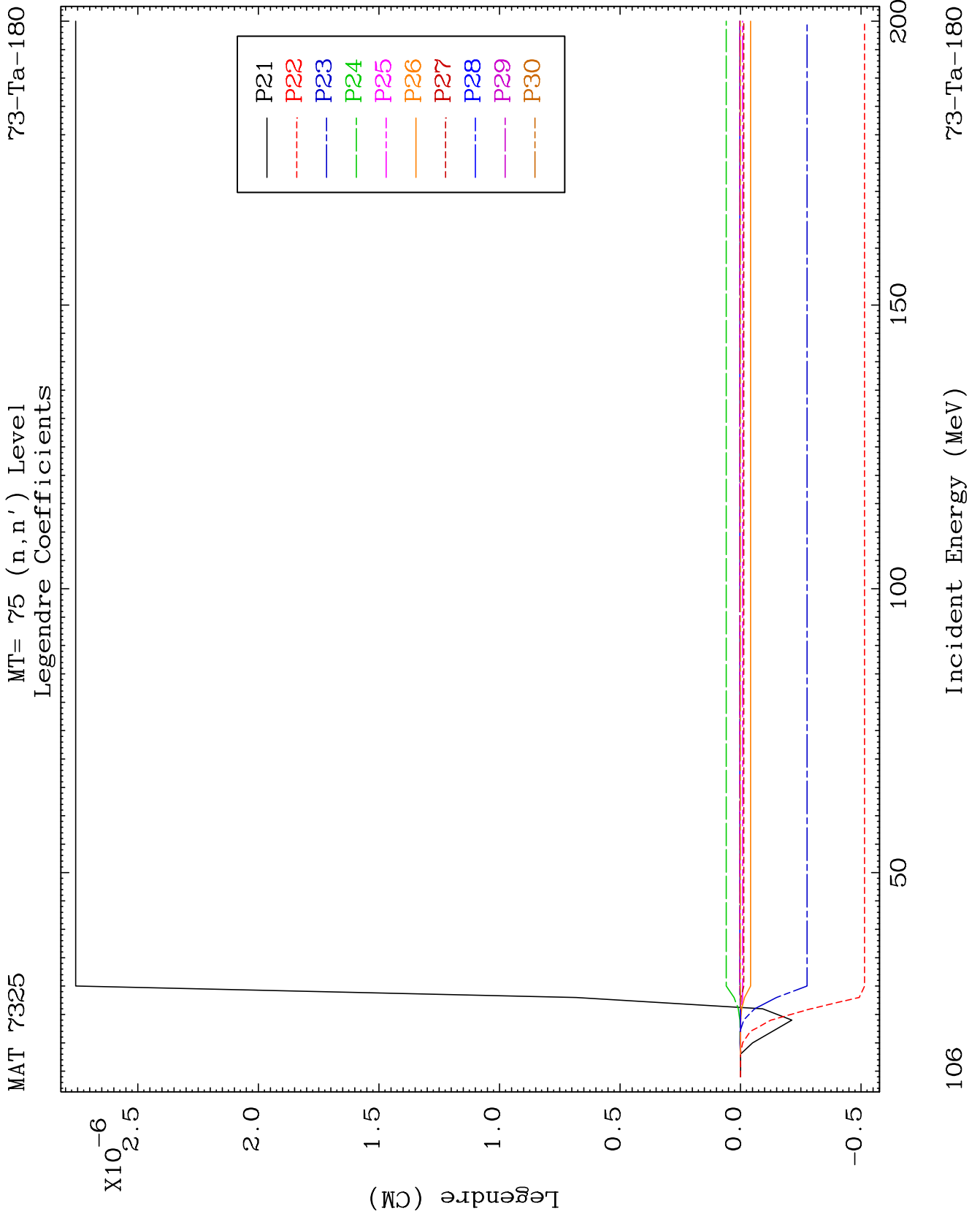
73-Ta-180

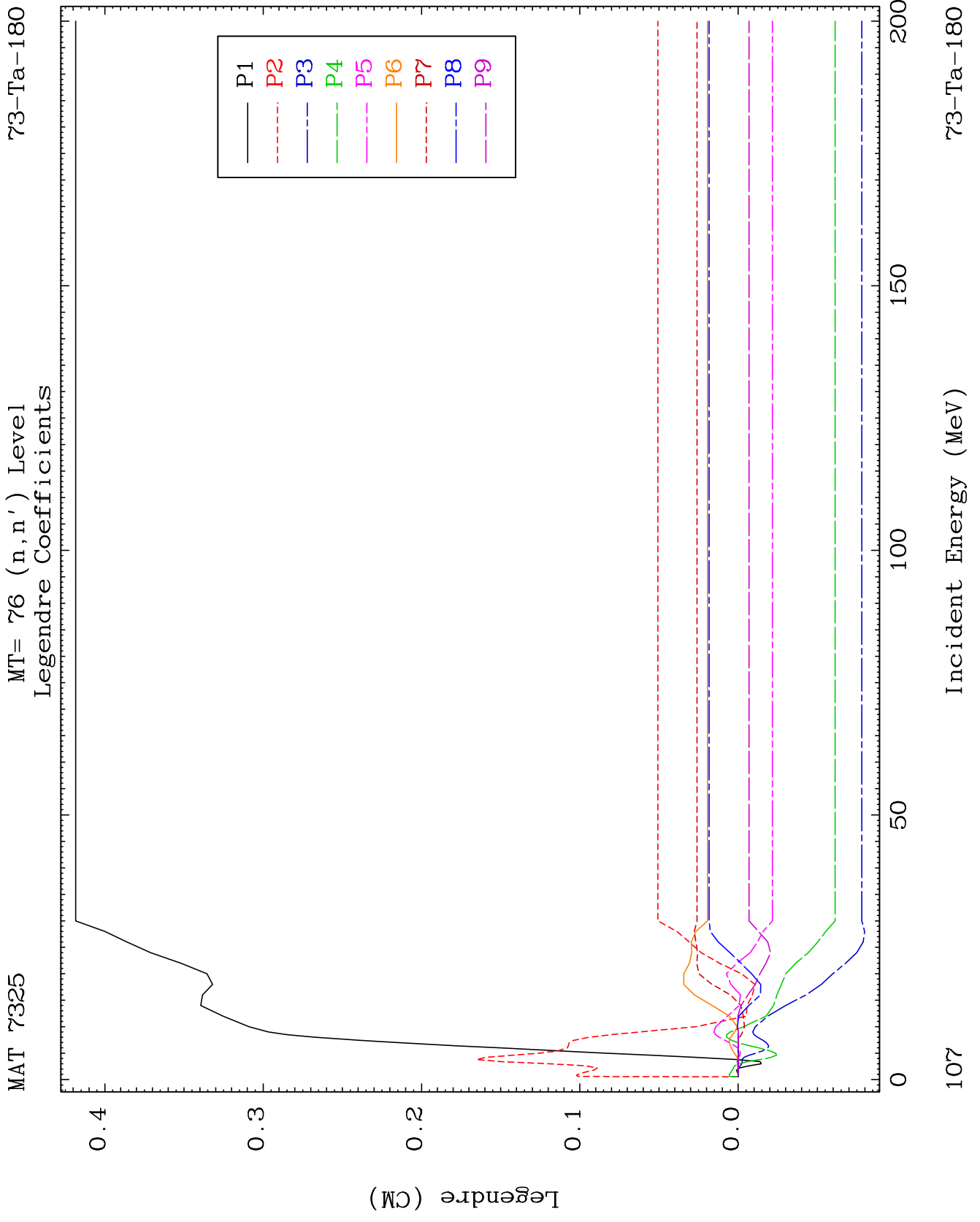


105

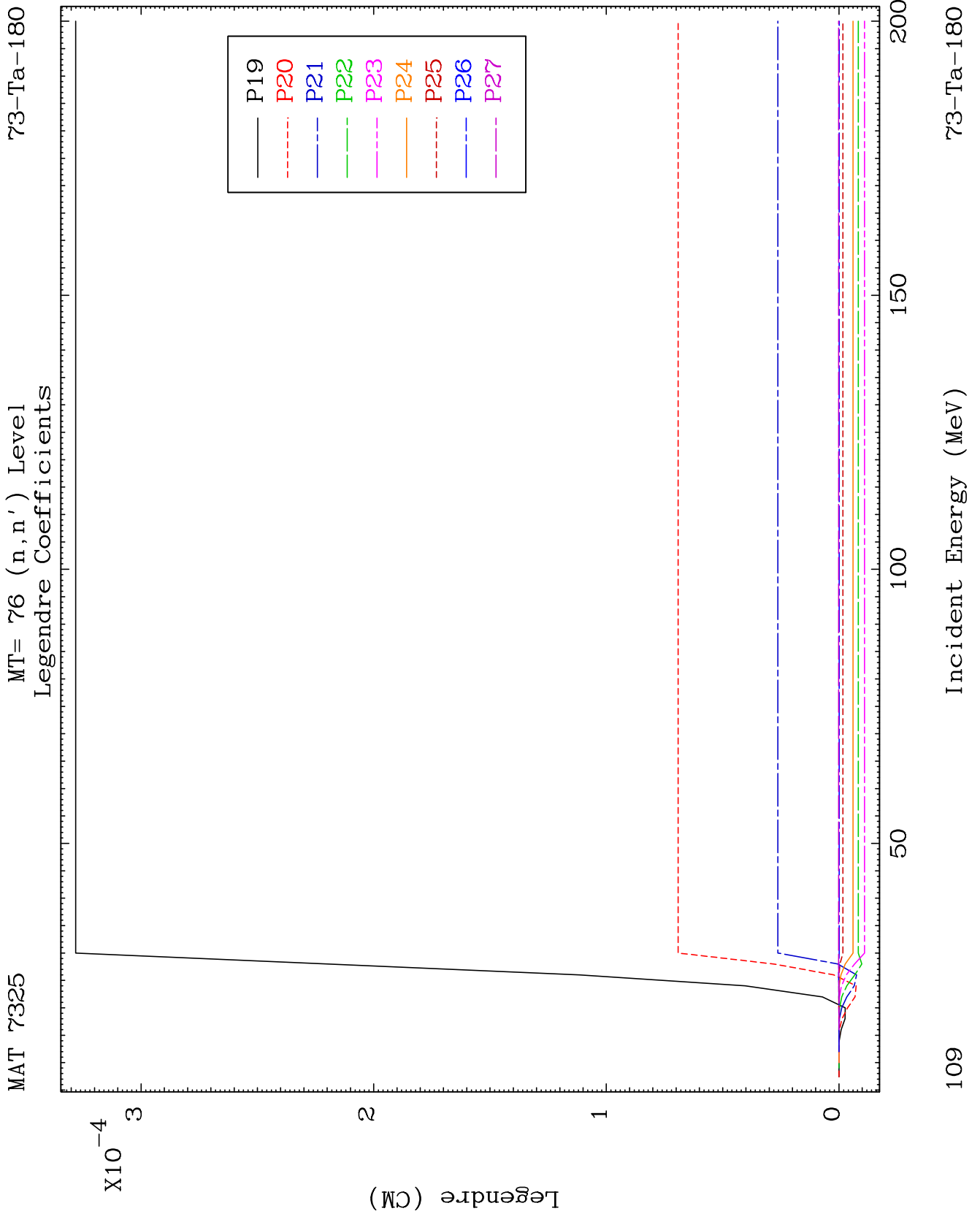
Incident Energy (MeV)

73-Ta-180





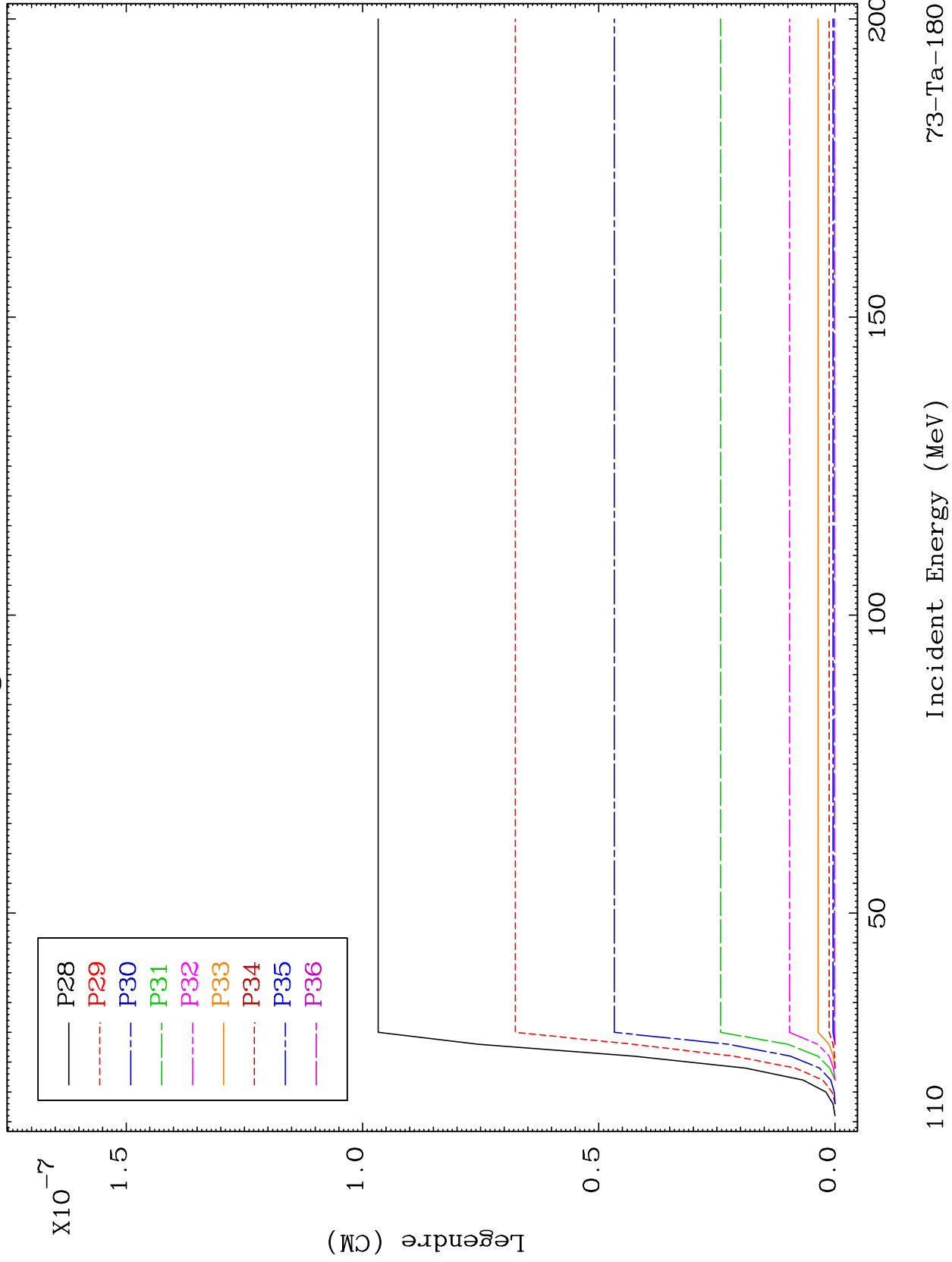


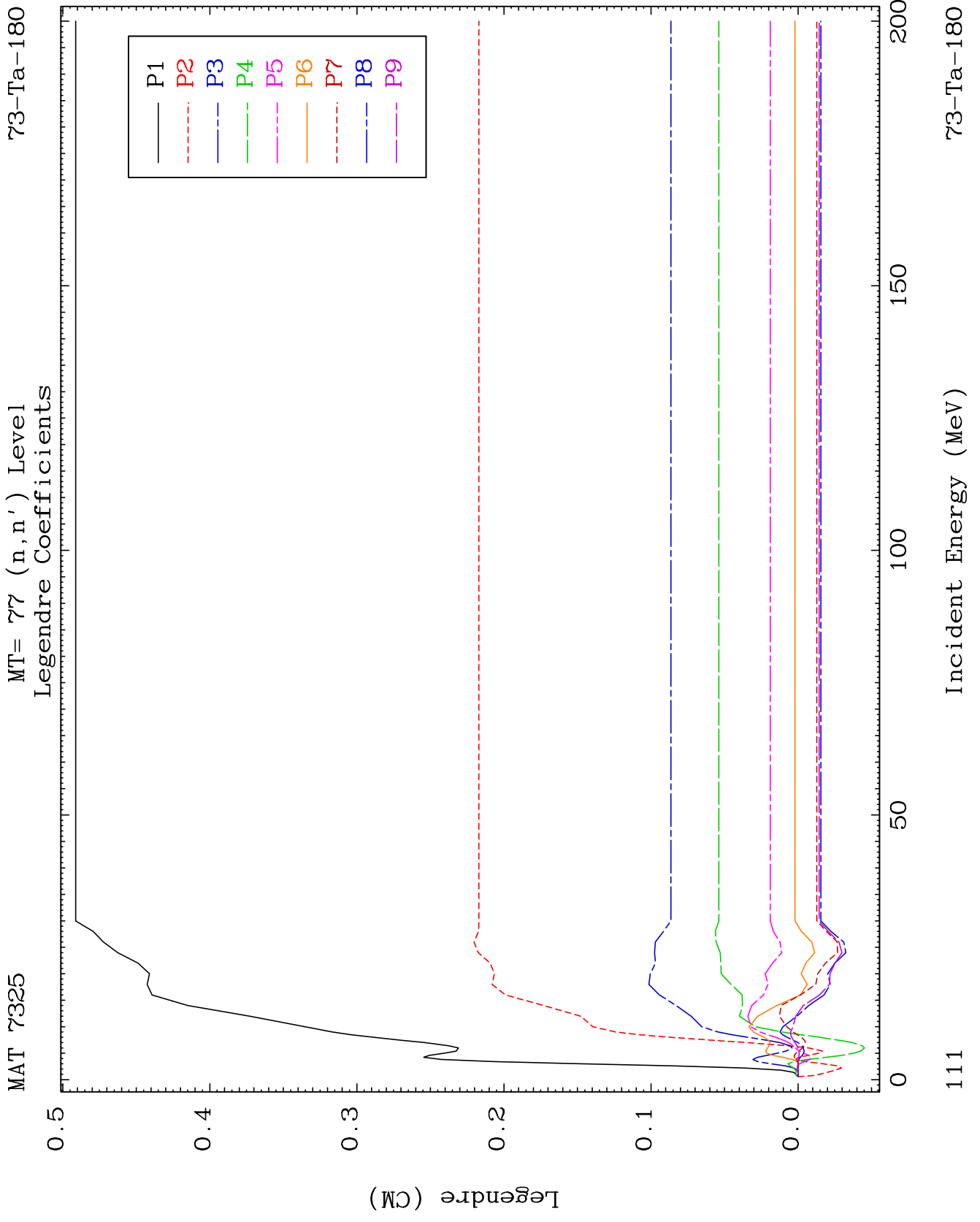


MAT 7325

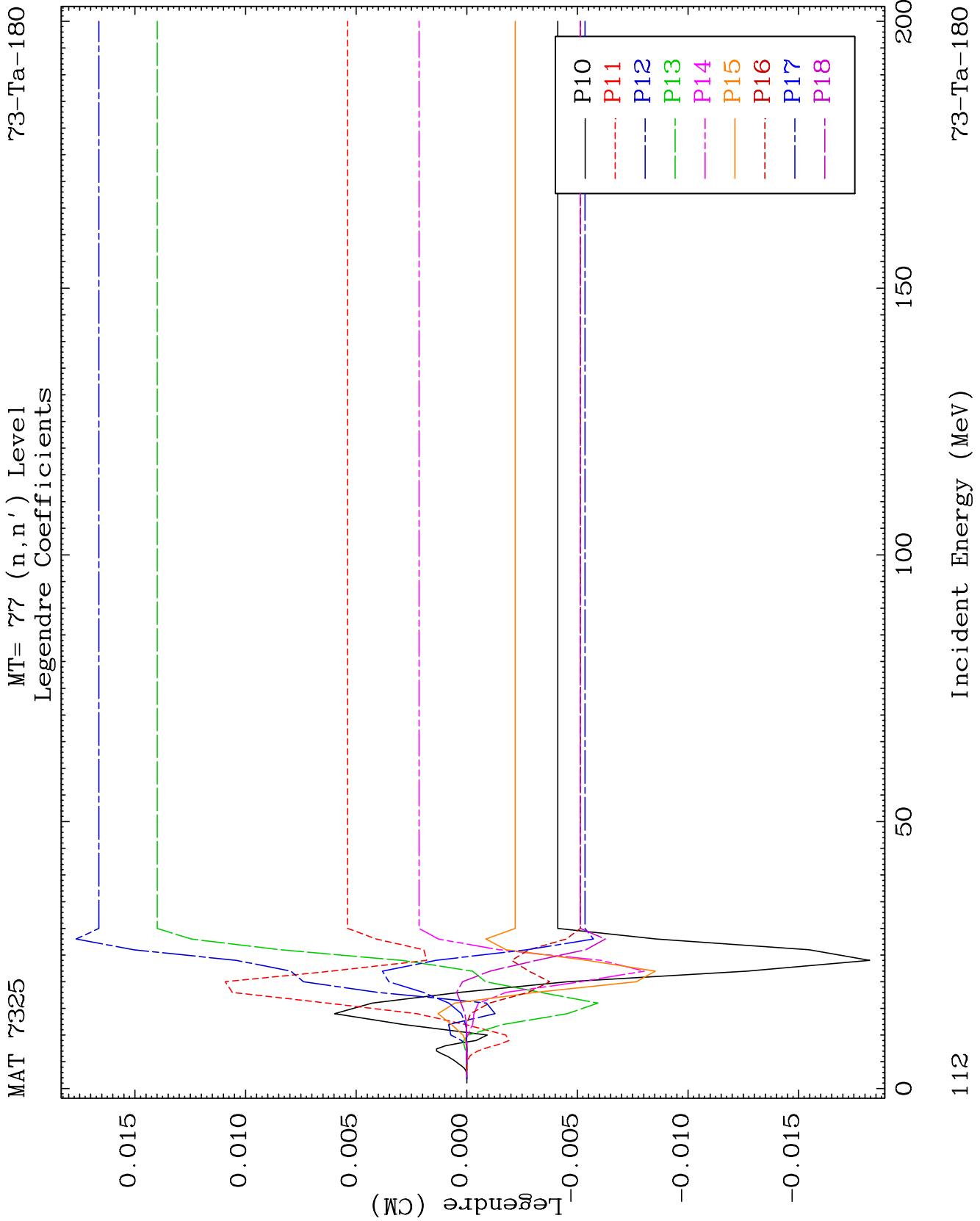
MT= 76 (n,n') Level  
Legendre Coefficients

<sup>73</sup>Ta-180





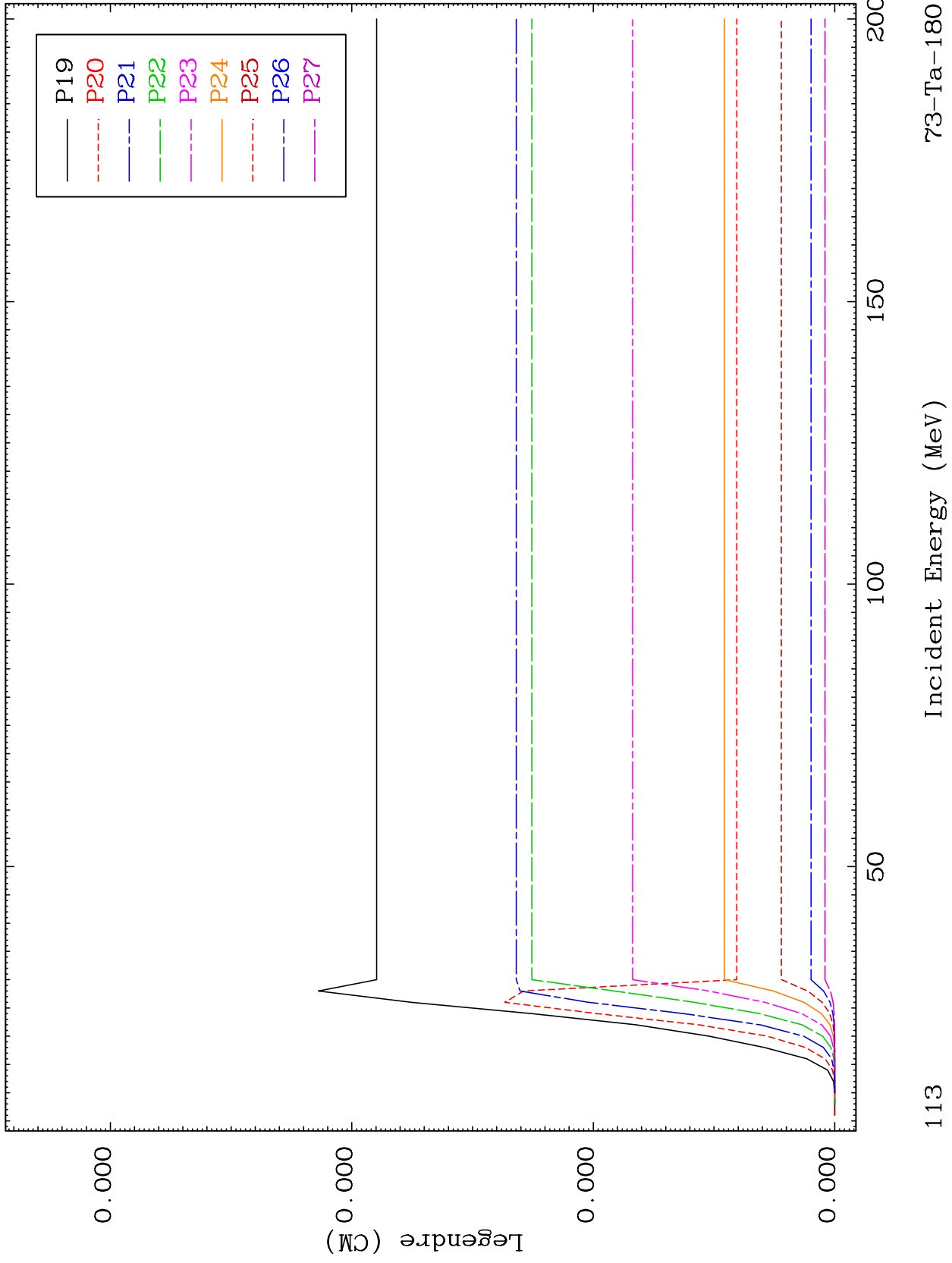




MAT 7325

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

73-Ta-180

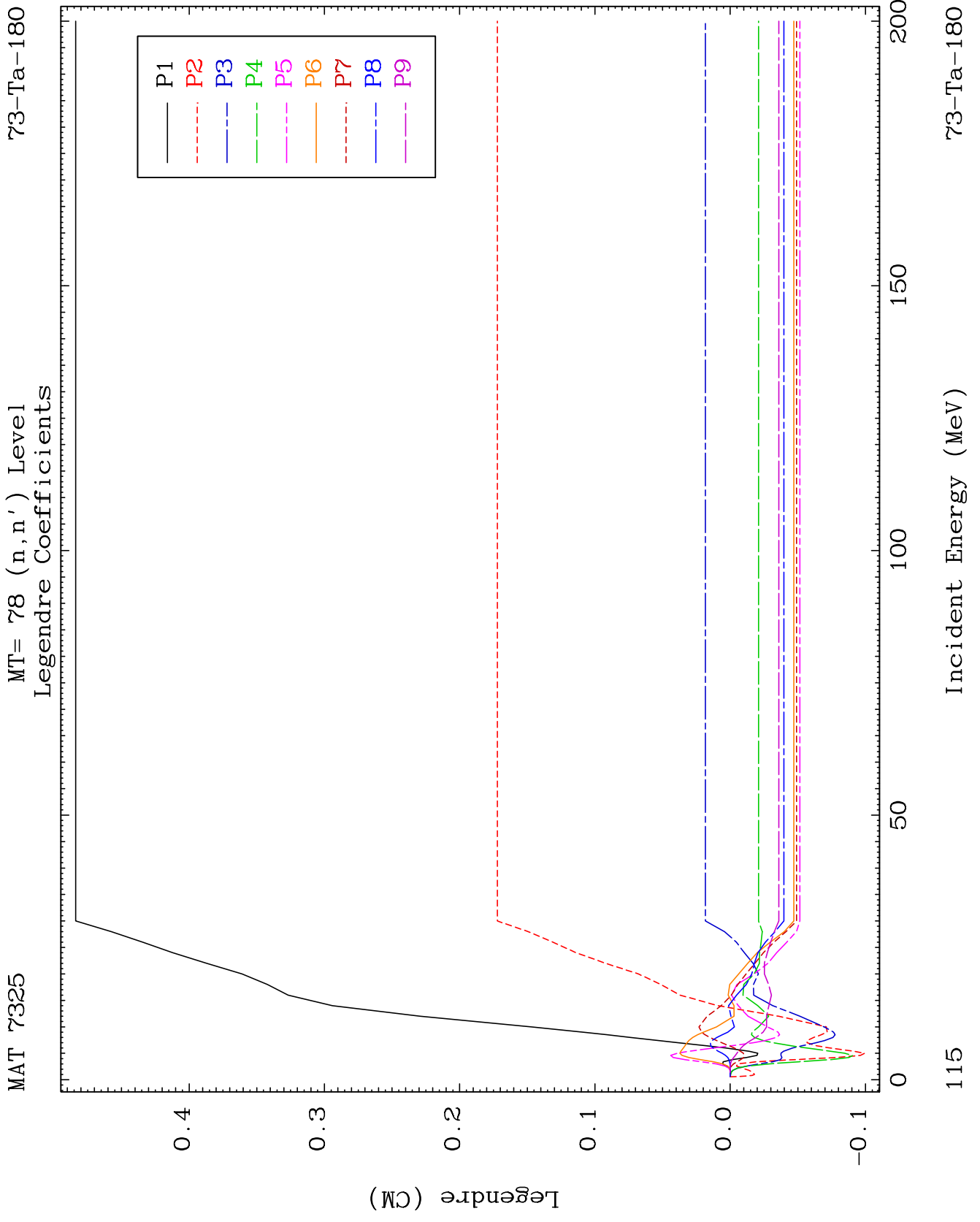


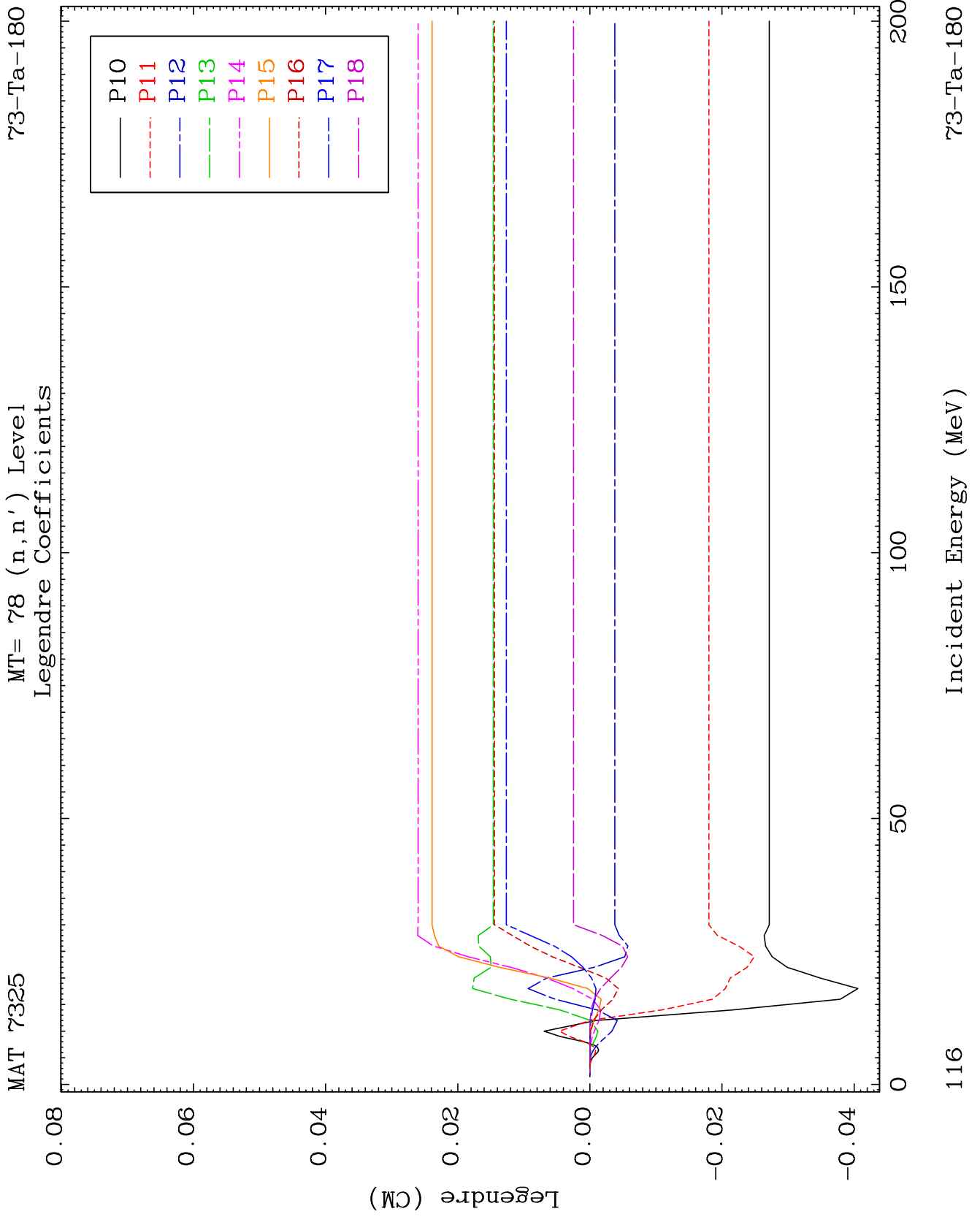
113

Incident Energy (MeV)

73-Ta-180



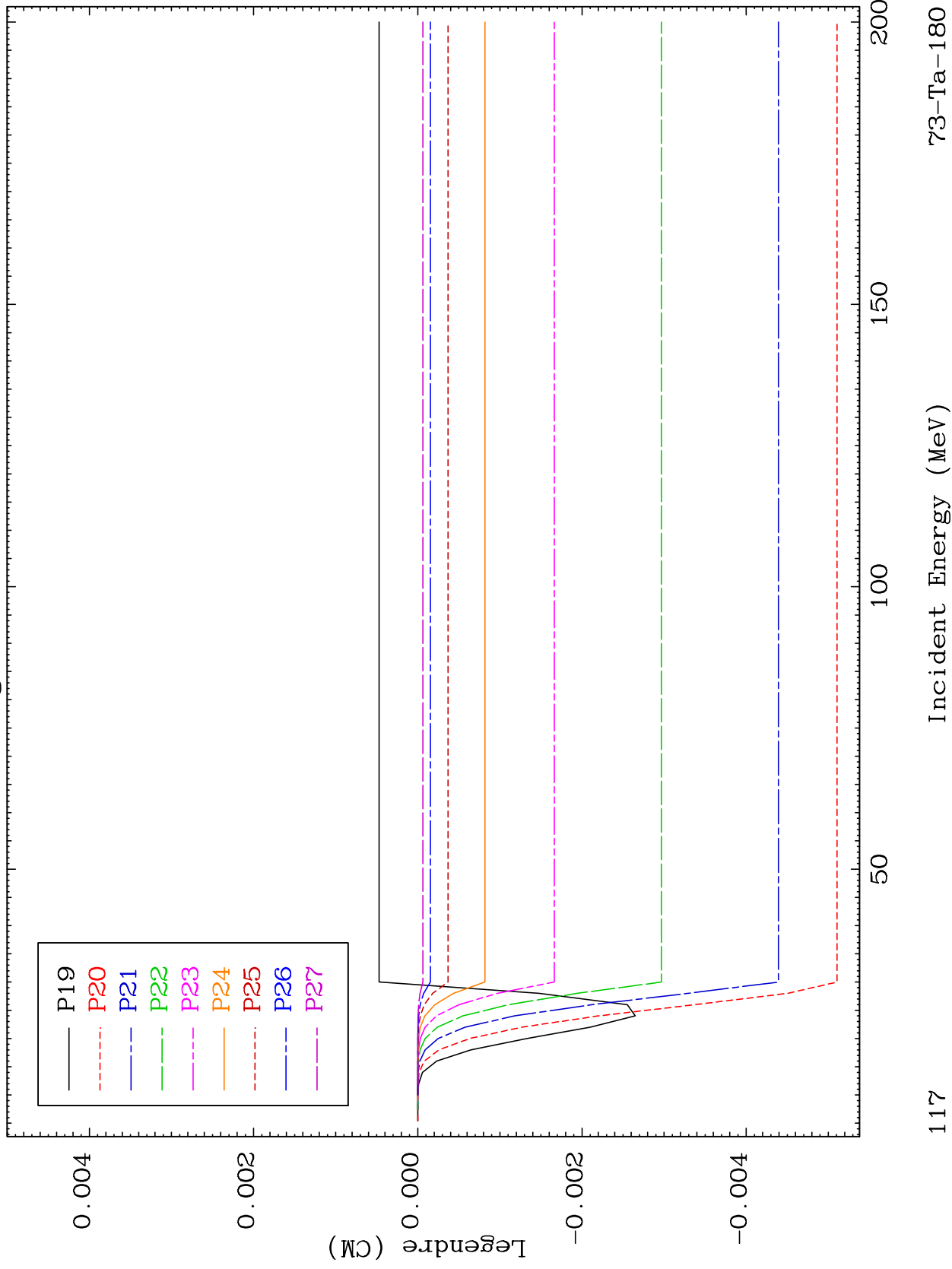




MAT 7325

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

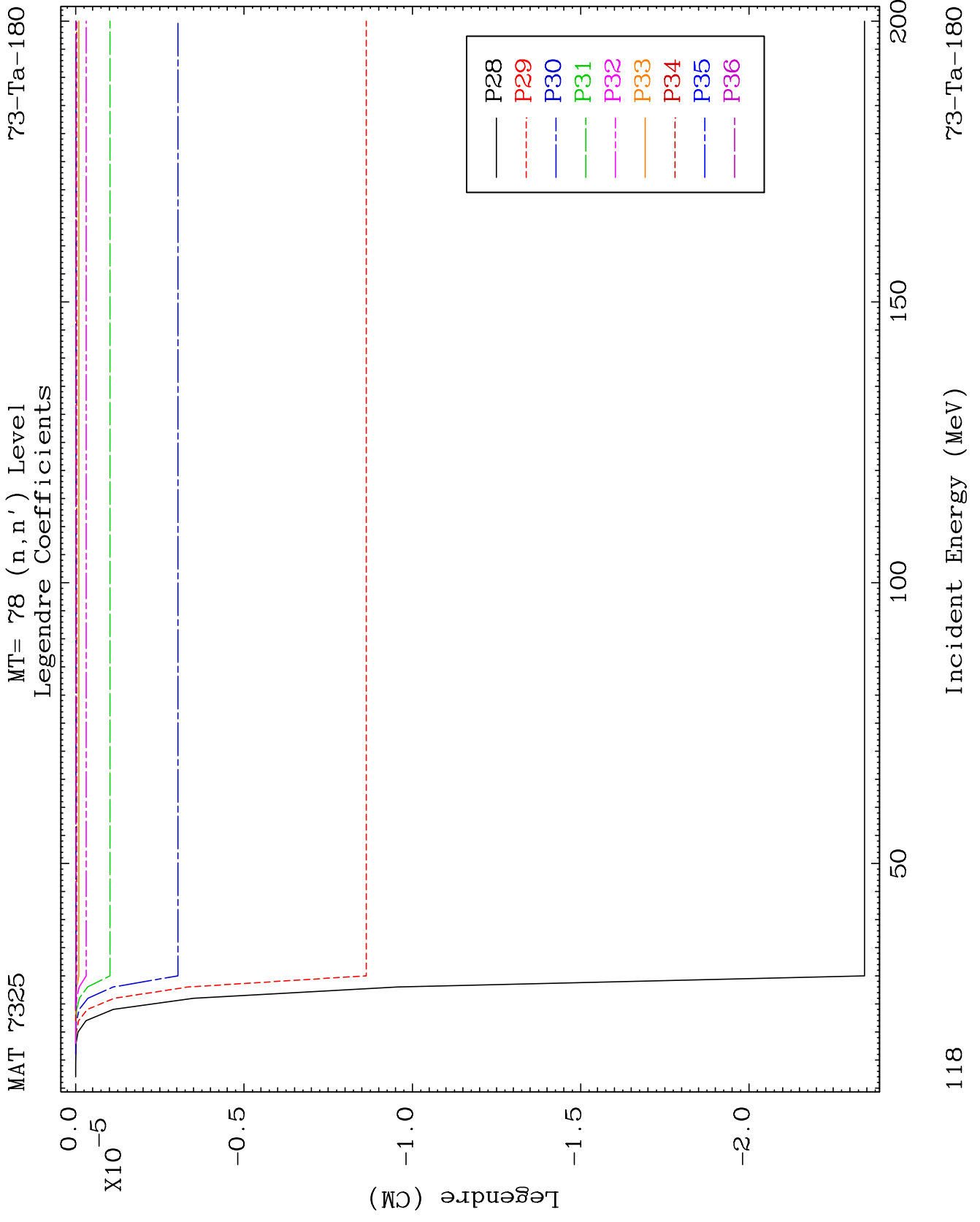
73-Ta-180

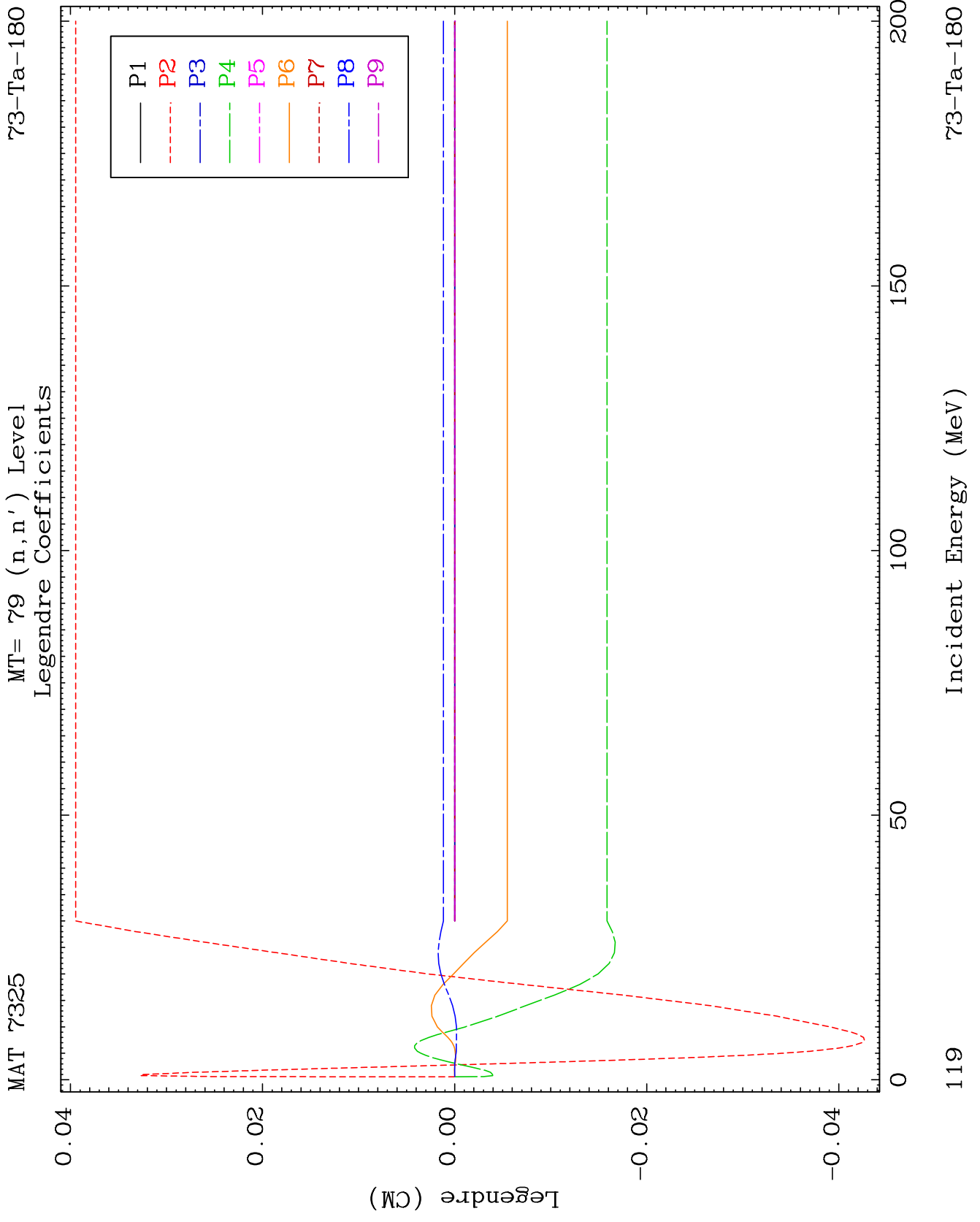


117

Incident Energy (MeV)

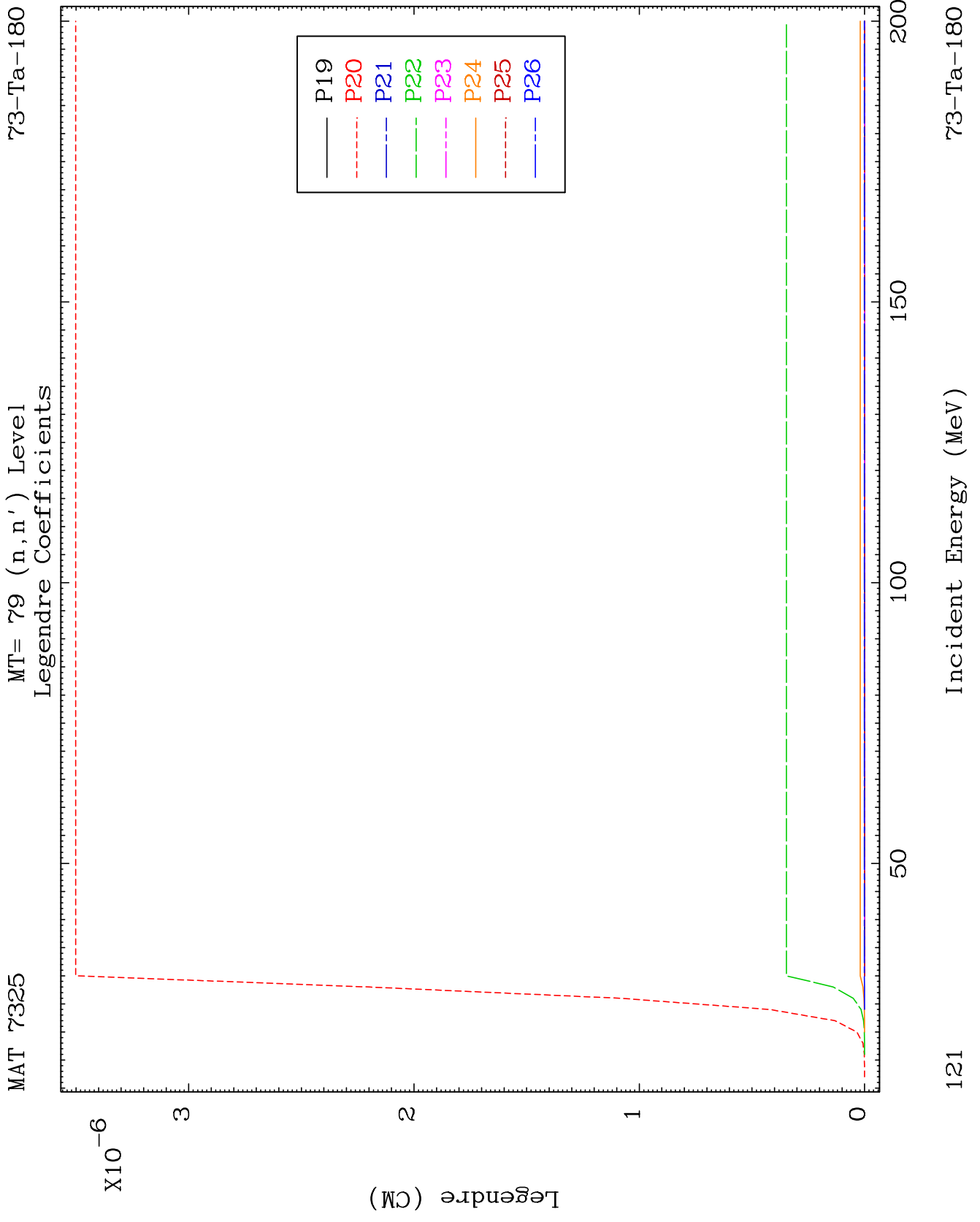
73-Ta-180

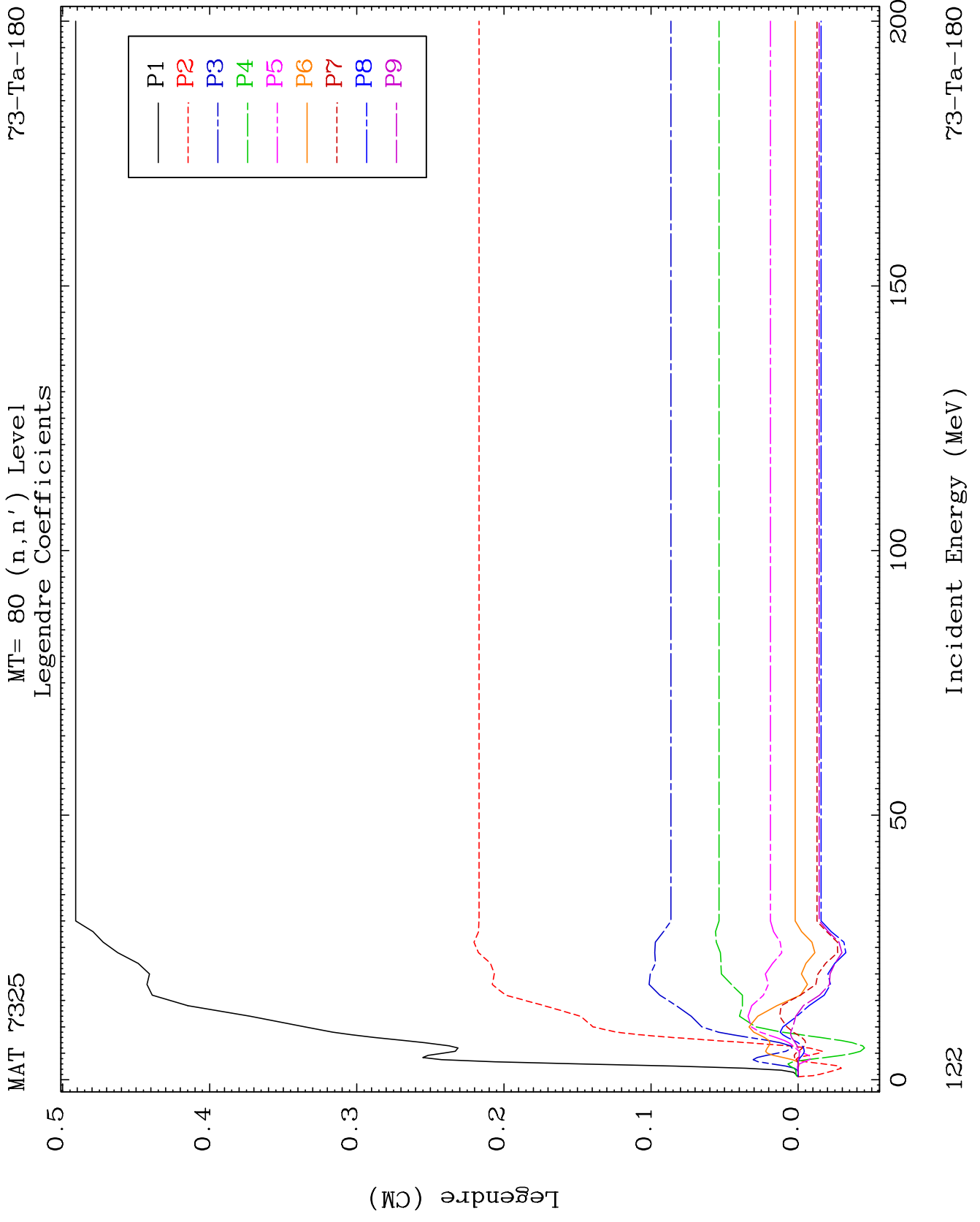


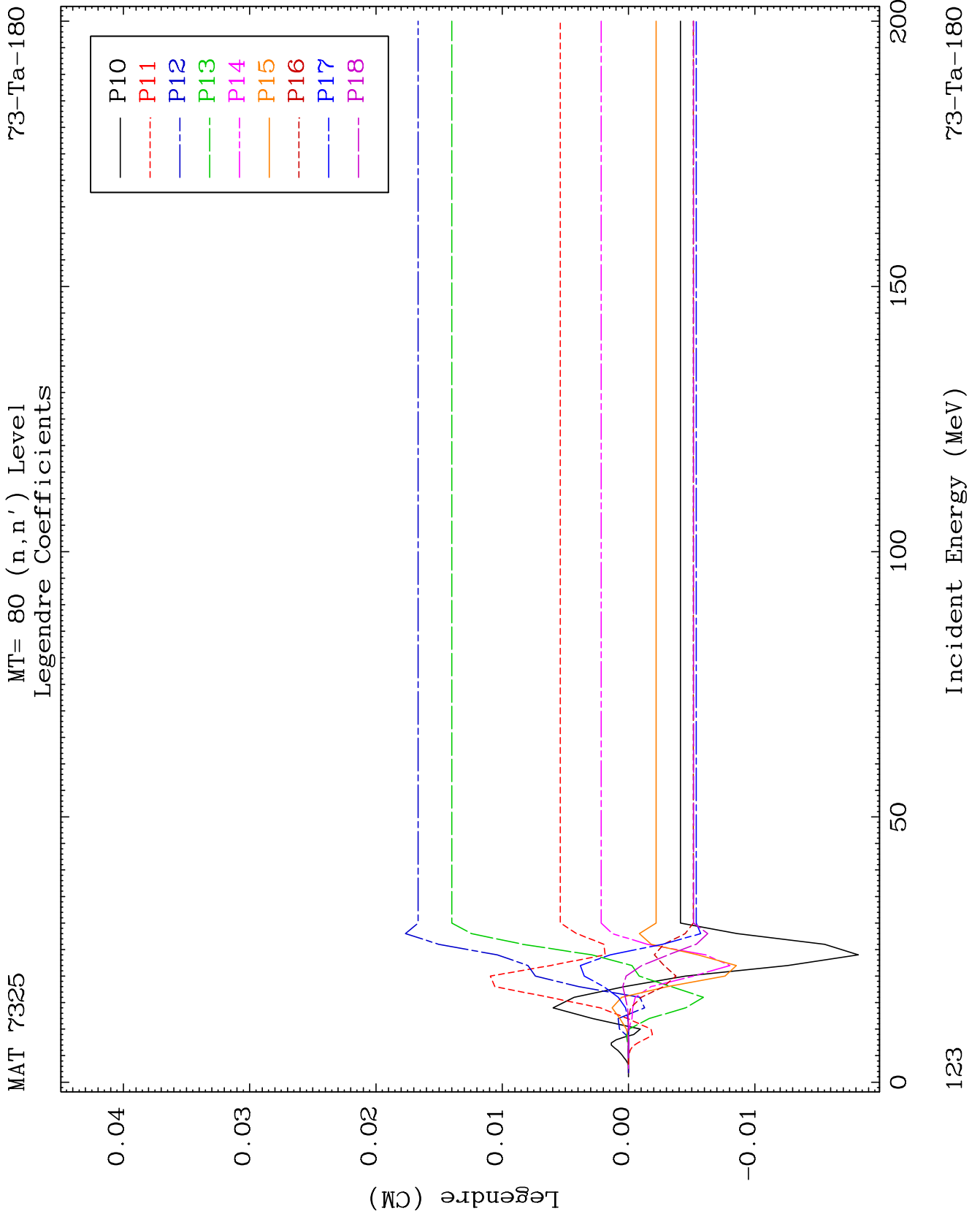


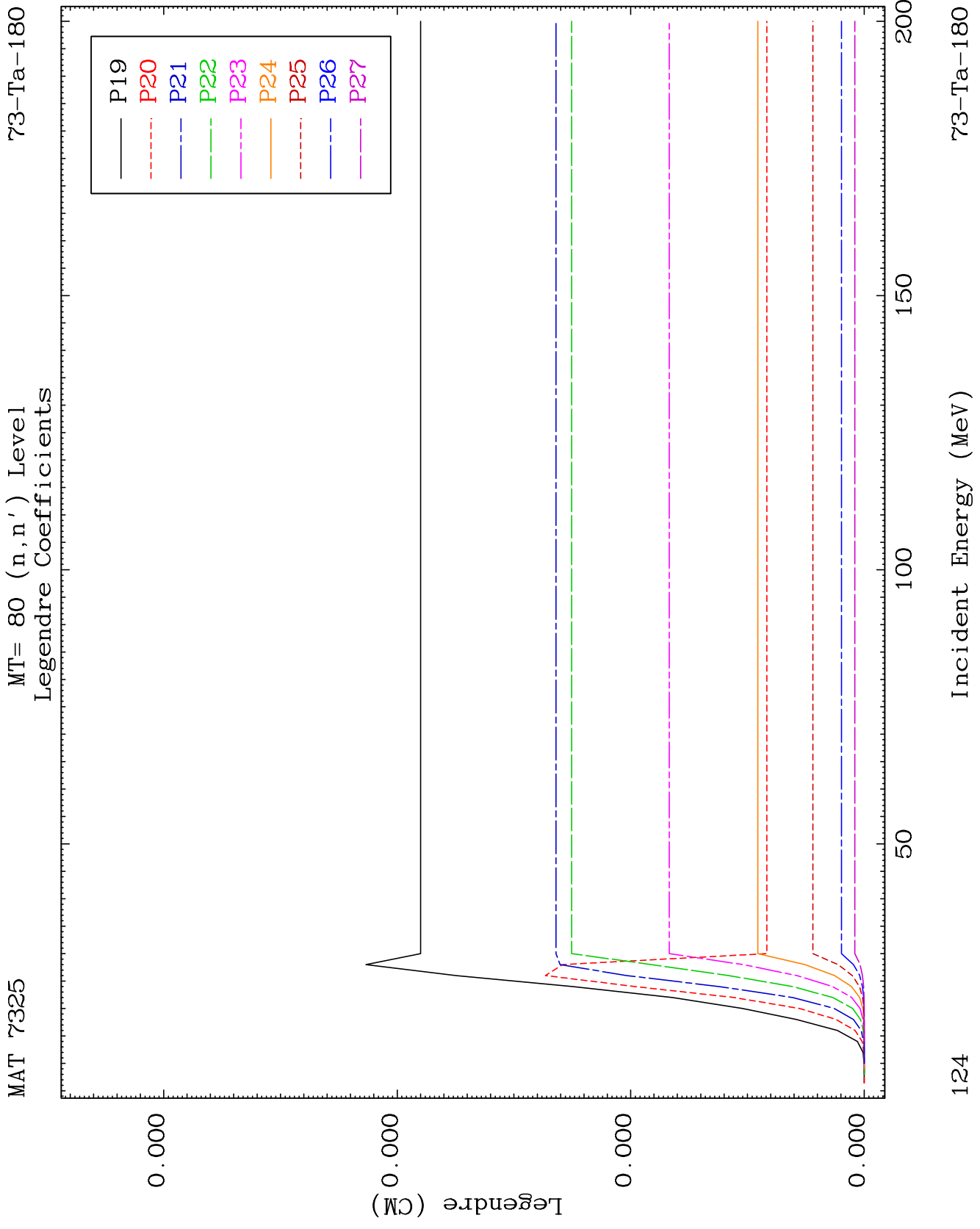


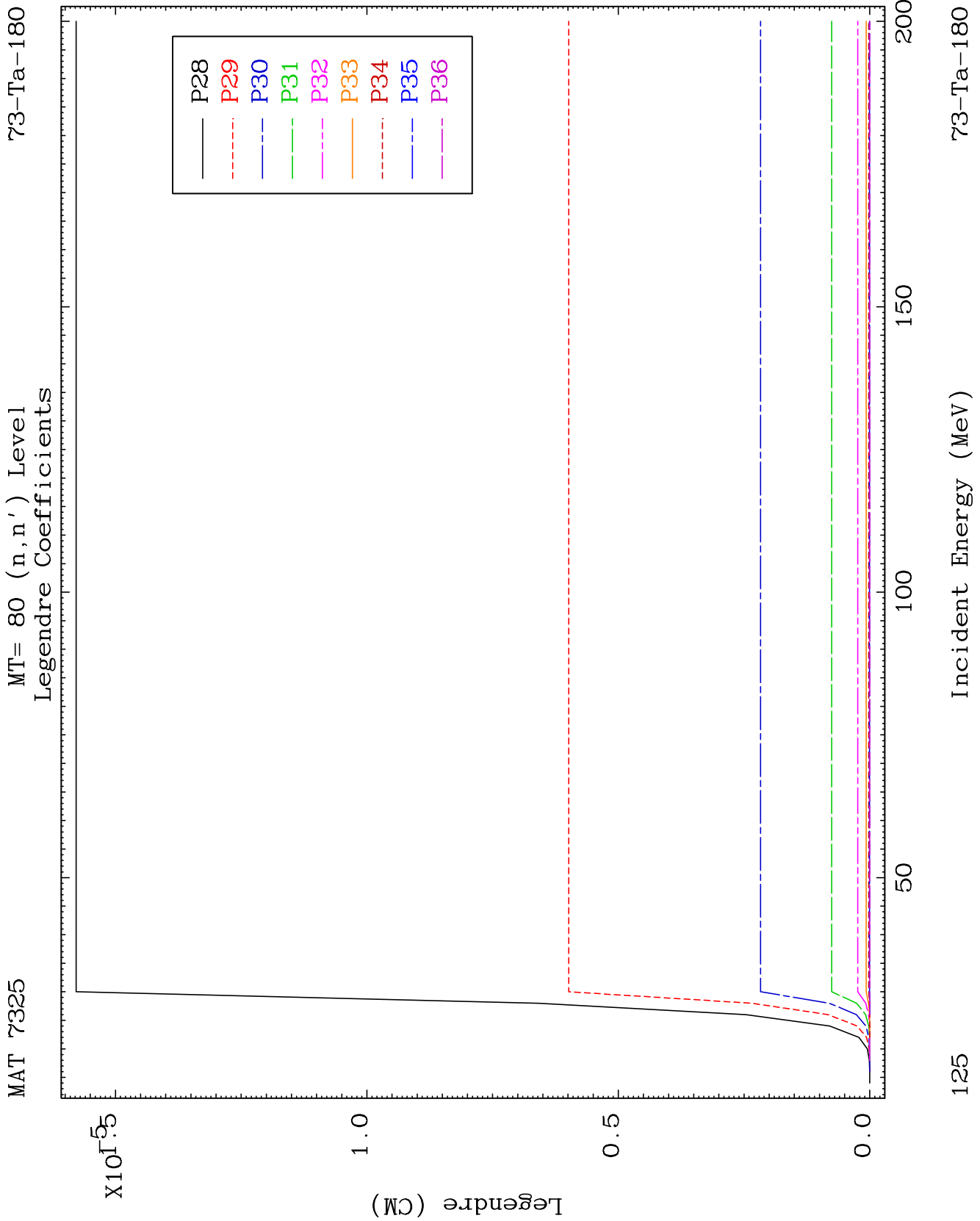








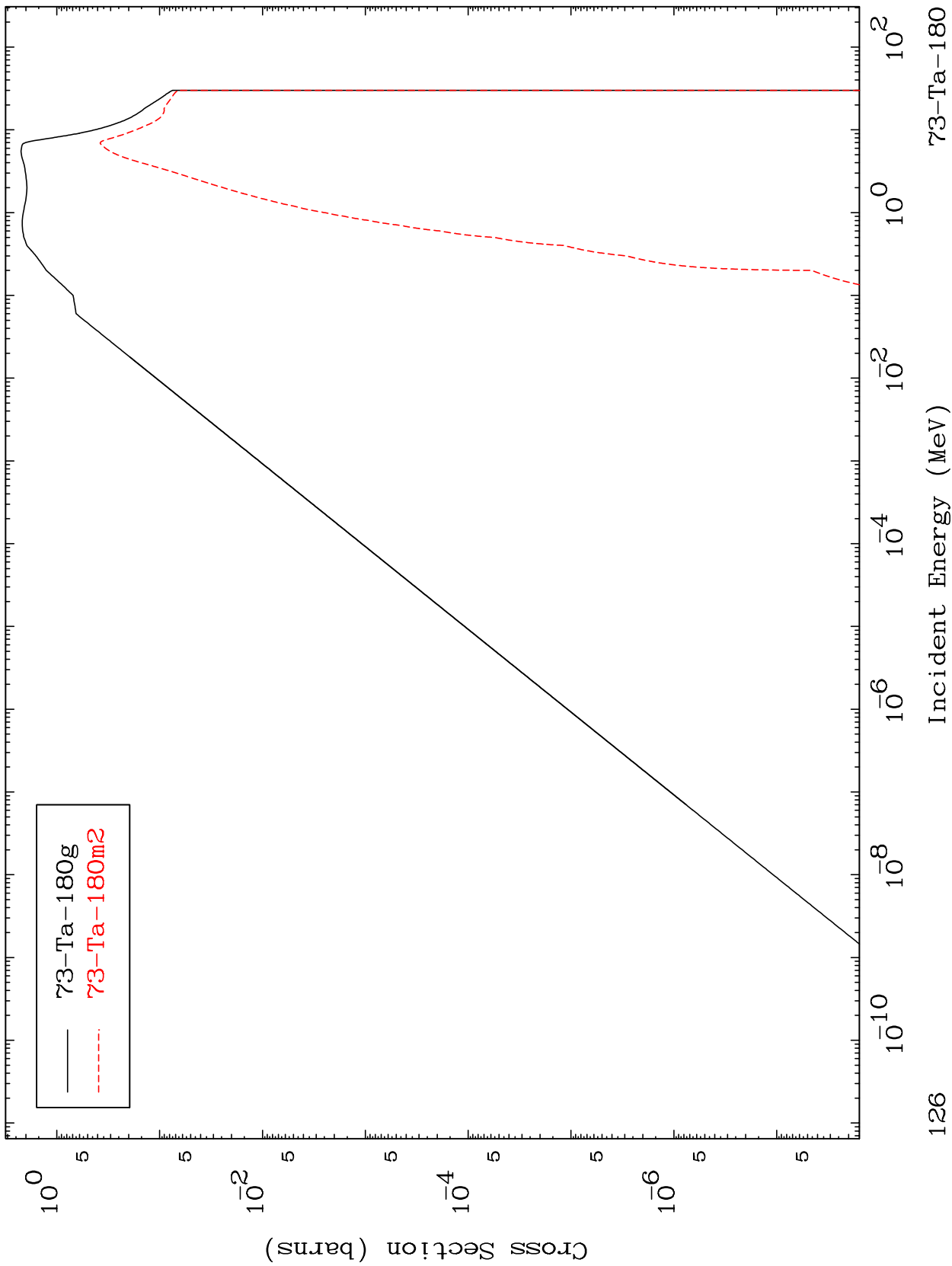




MAT 7325

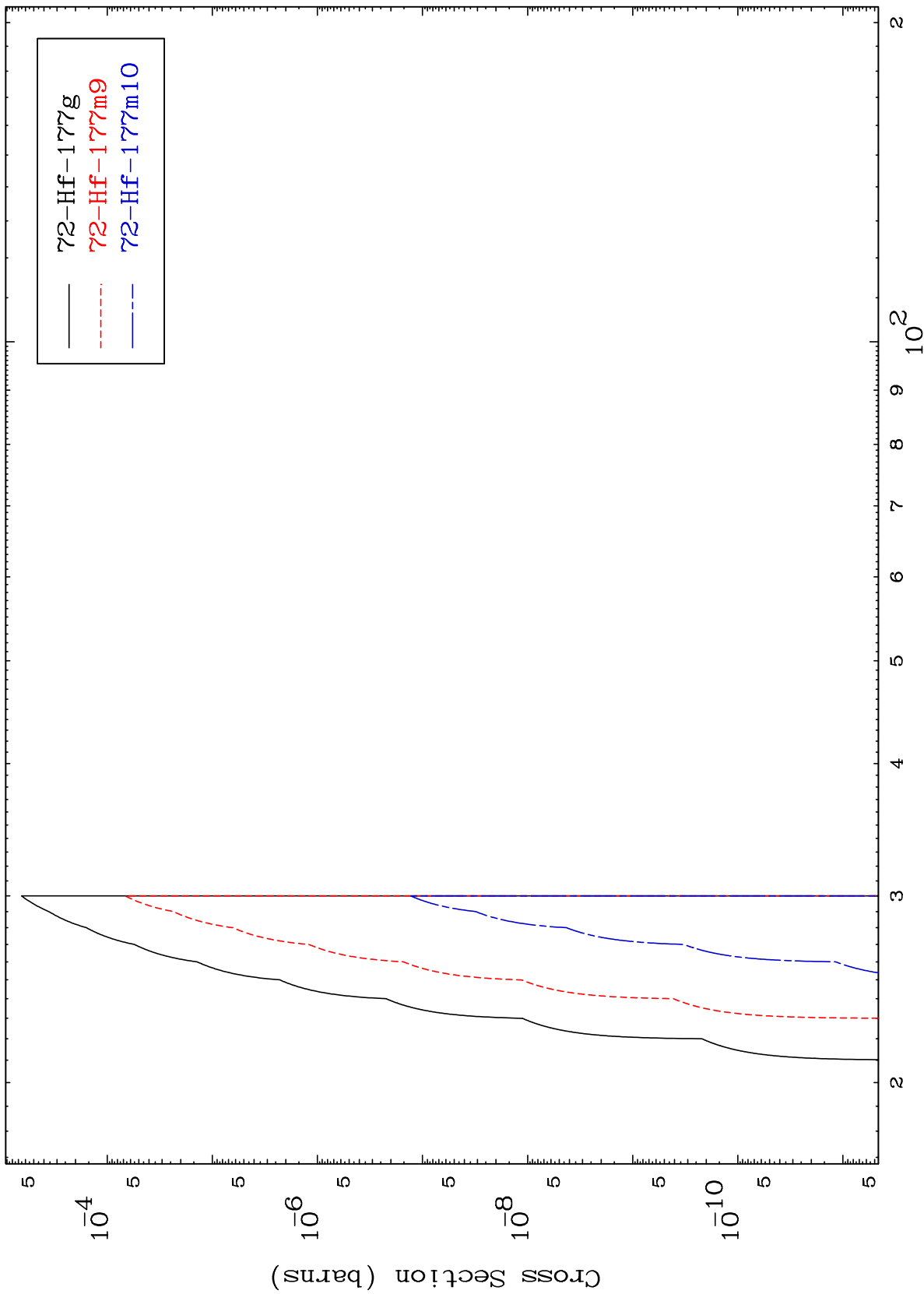
Inelastic  
Radionuclide Production Cross Section

<sup>73</sup>Ta-180



— <sup>73</sup>Ta-180g  
- - - <sup>73</sup>Ta-180m2

Radionuclide Production Cross Section



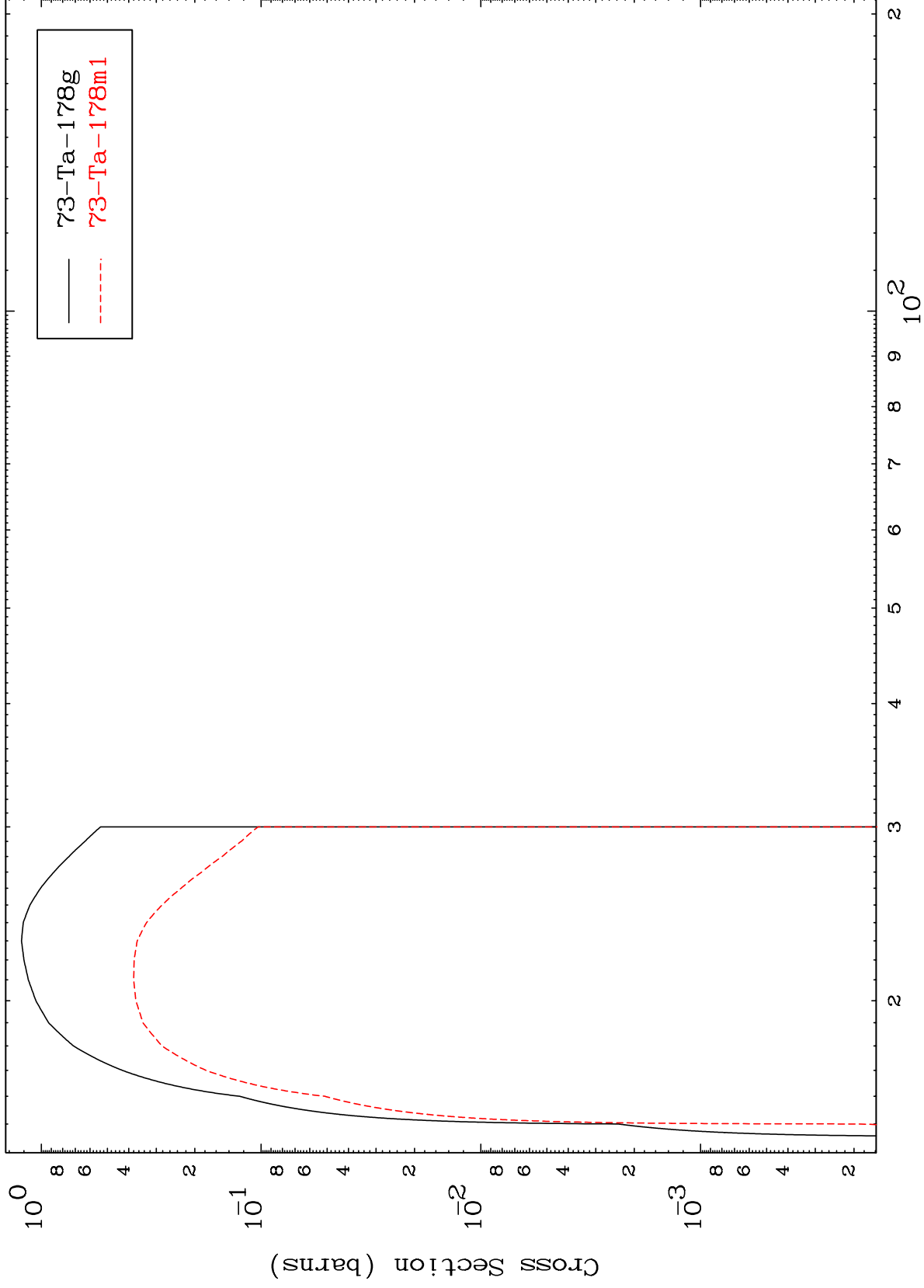


MAT 7325

(n,3n)

<sup>73</sup>Ta-180

Radionuclide Production Cross Section



128

Incident Energy (MeV)

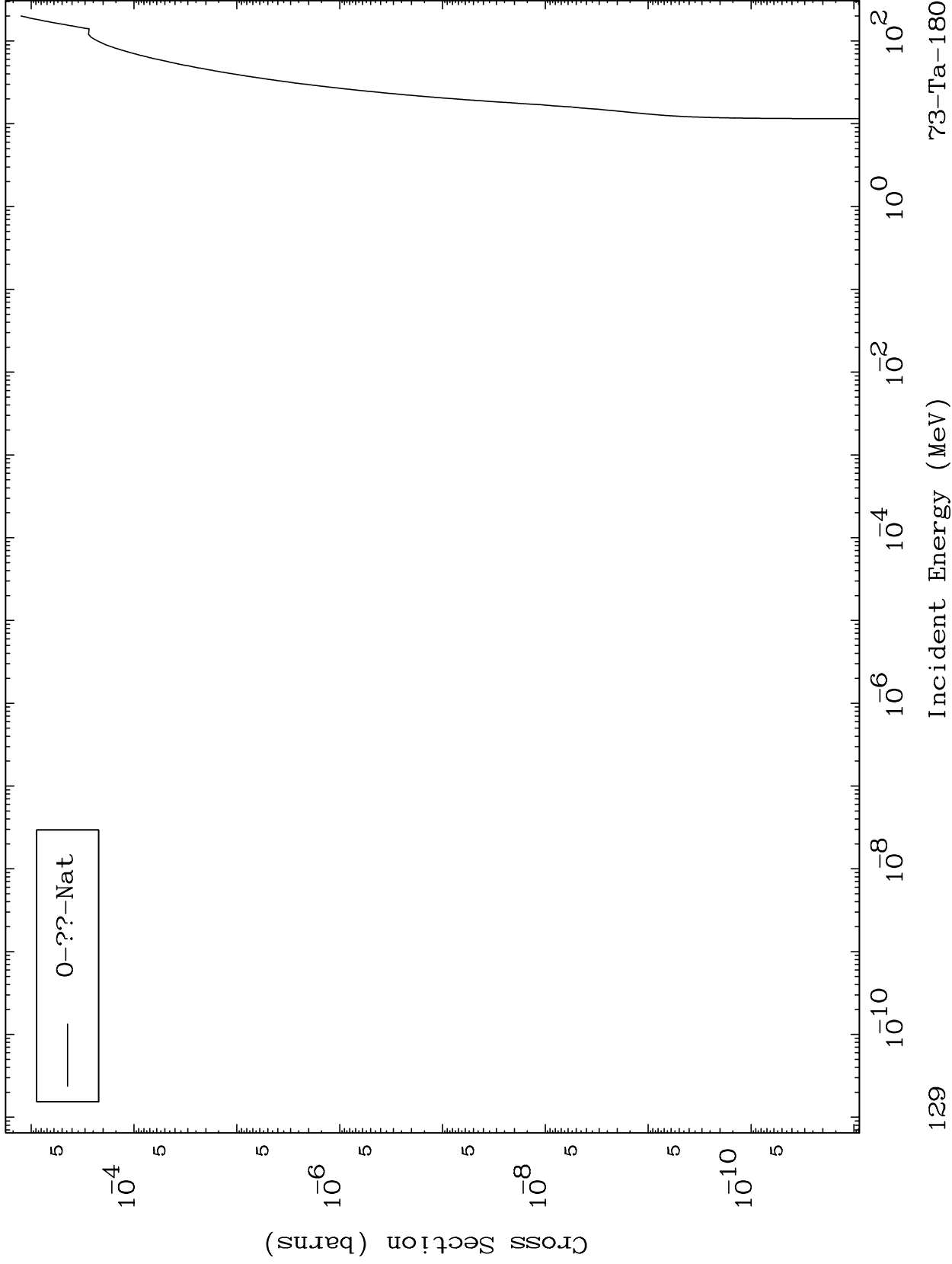
<sup>73</sup>Ta-180

MAT 7325

Fission

<sup>73</sup>Ta-180

Radionuclide Production Cross Section

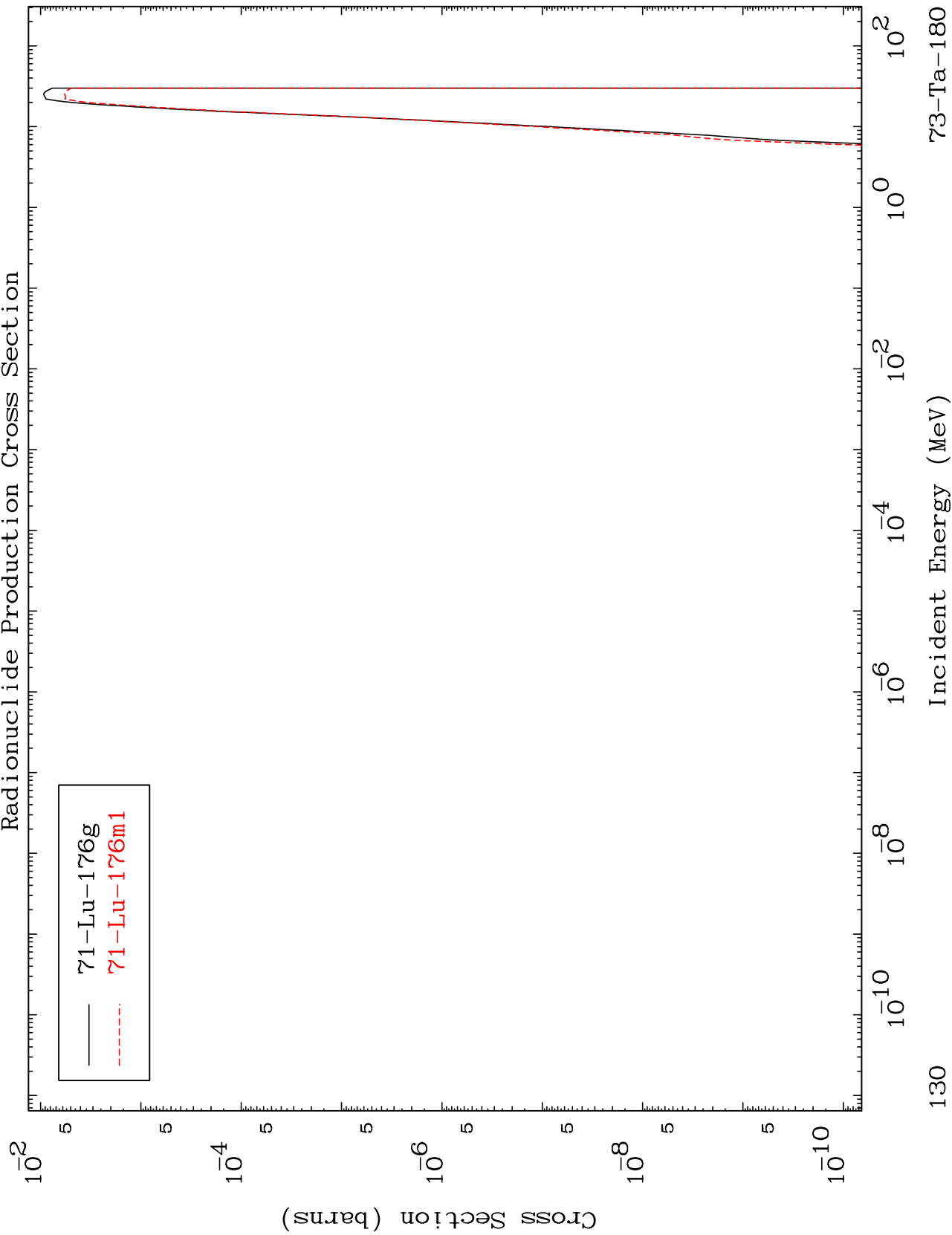


MAT 7325

$(n, n') \alpha$

$^{73}\text{Ta-180}$

Radionuclide Production Cross Section

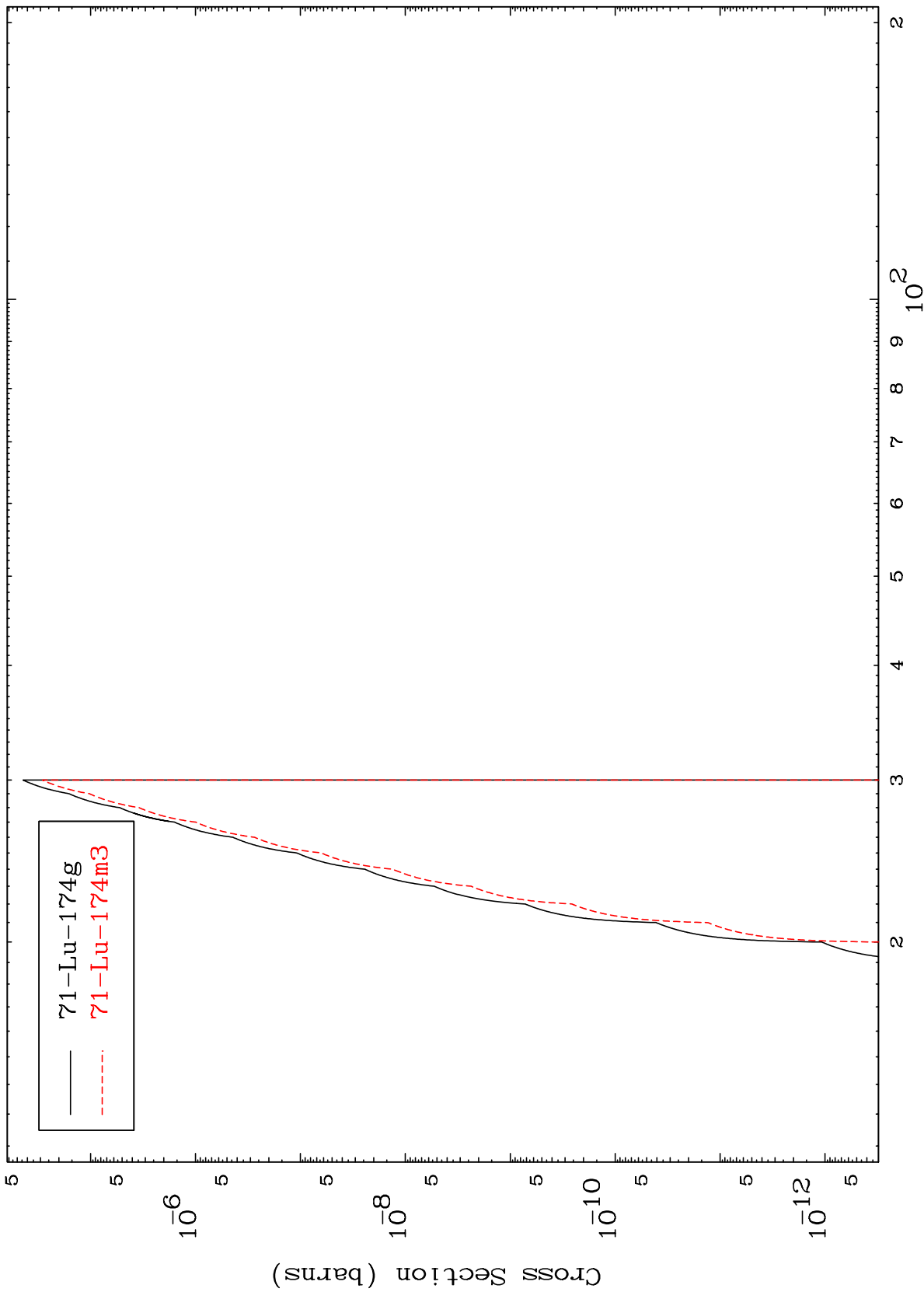


MAT 7325

(n,3n)  $\alpha$

<sup>73</sup>Ta-180

Radionuclide Production Cross Section



131

Incident Energy (MeV)

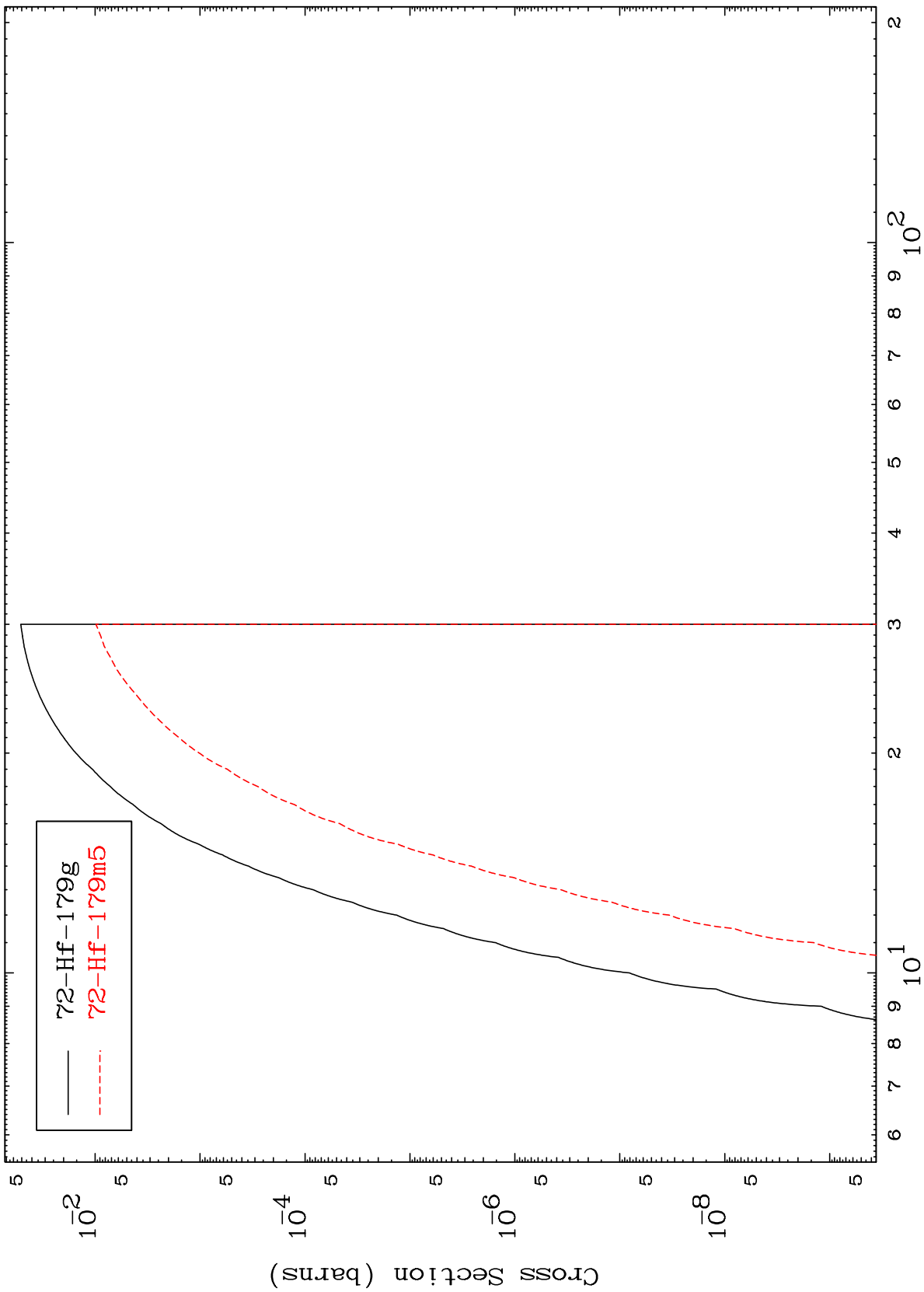
<sup>73</sup>Ta-180

MAT 7325

(n,n') p

73-Ta-180

Radionuclide Production Cross Section



132

Incident Energy (MeV)

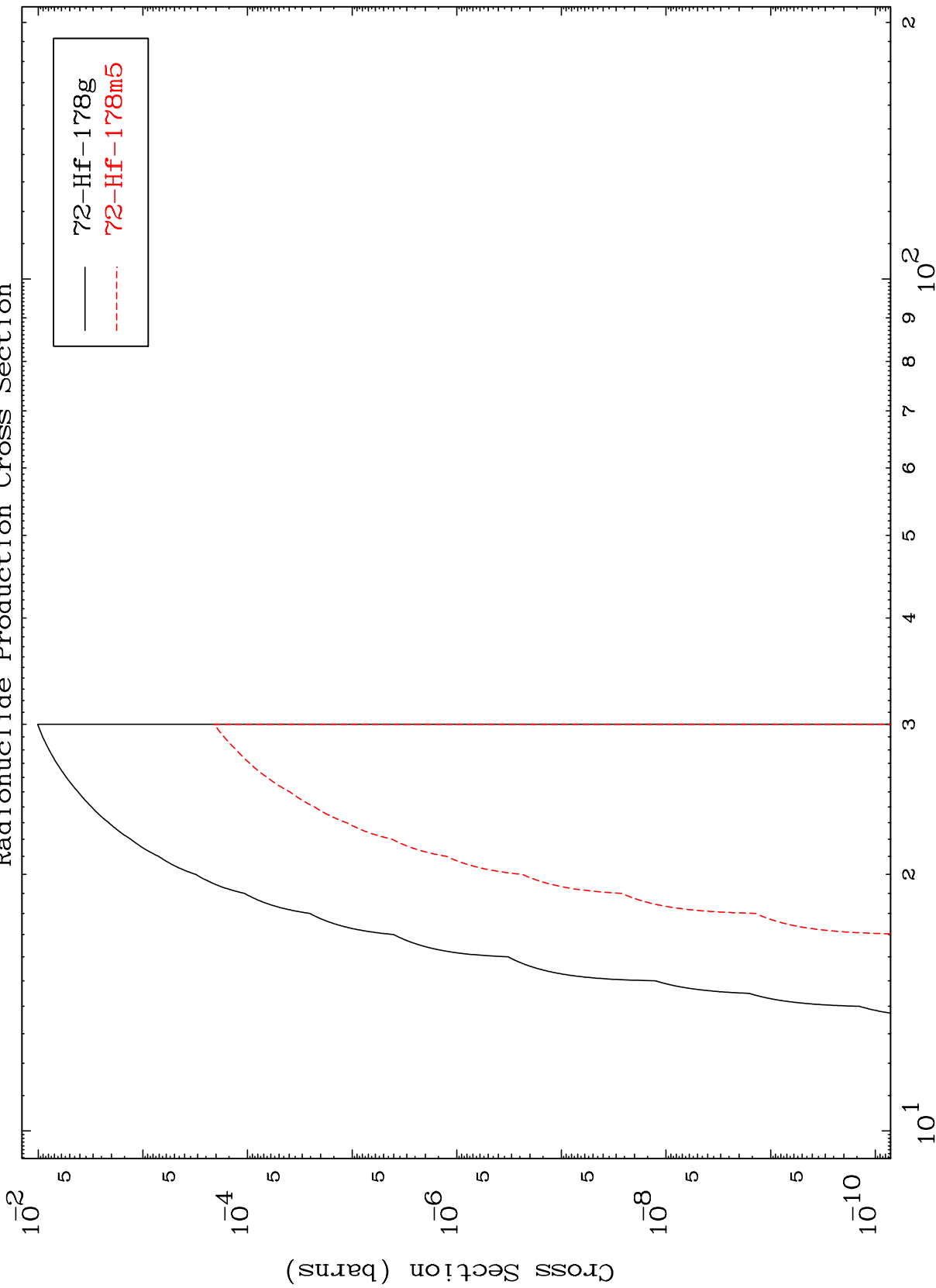
73-Ta-180

MAT 7325

(n,n') d

73-Ta-180

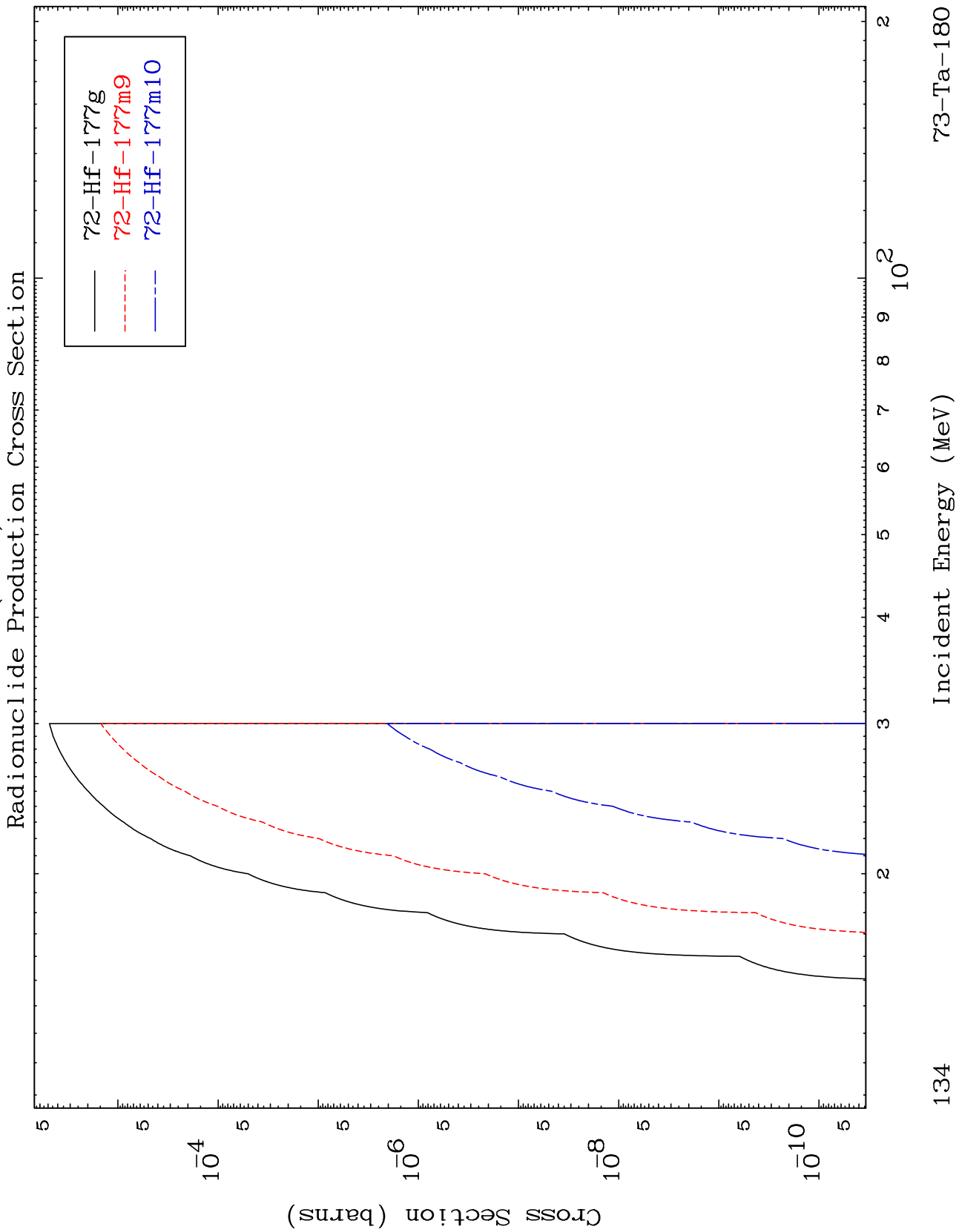
Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-180

133

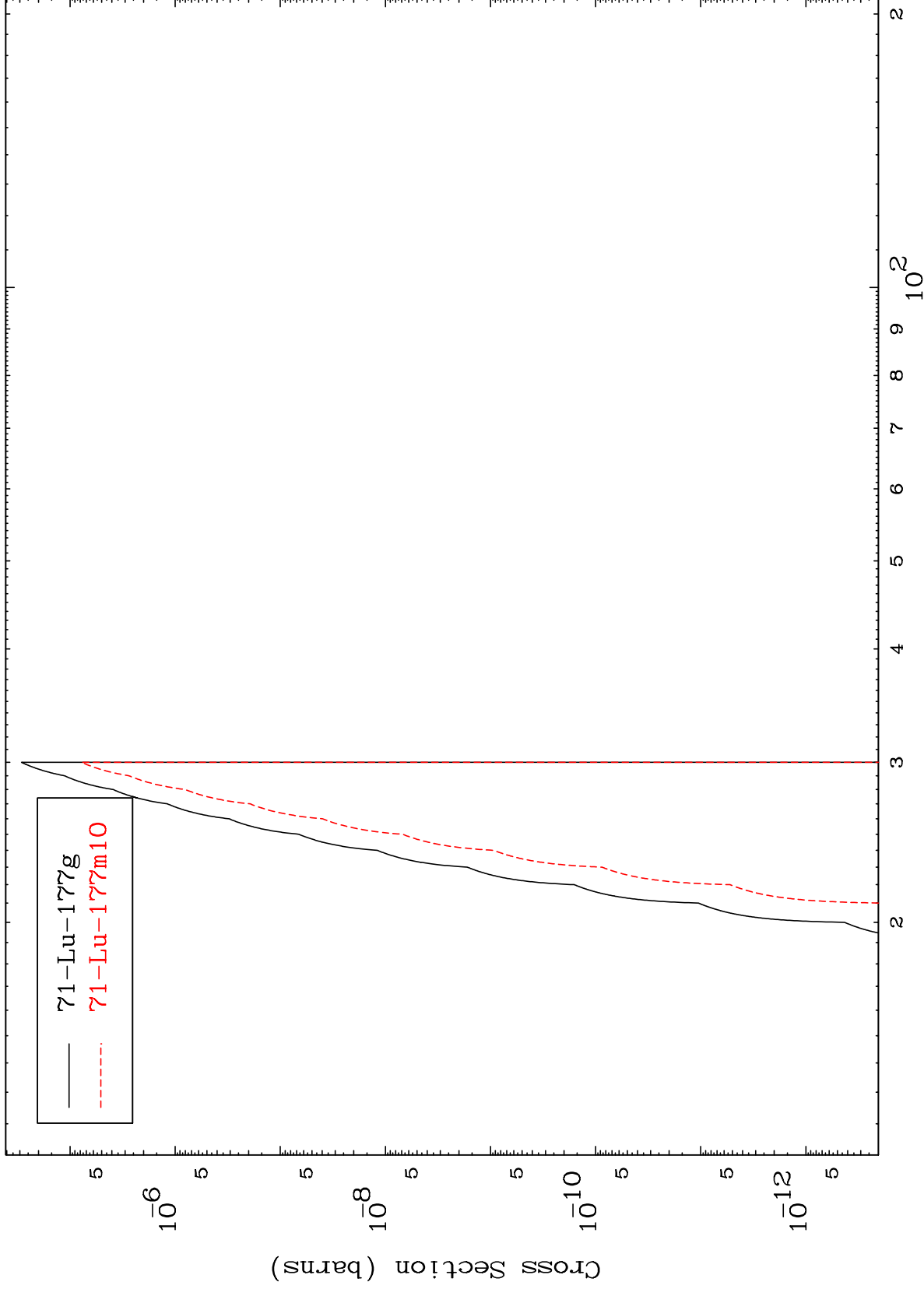


MAT 7325

(n,n') He-3

73-Ta-180

Radionuclide Production Cross Section



135

Incident Energy (MeV)

73-Ta-180

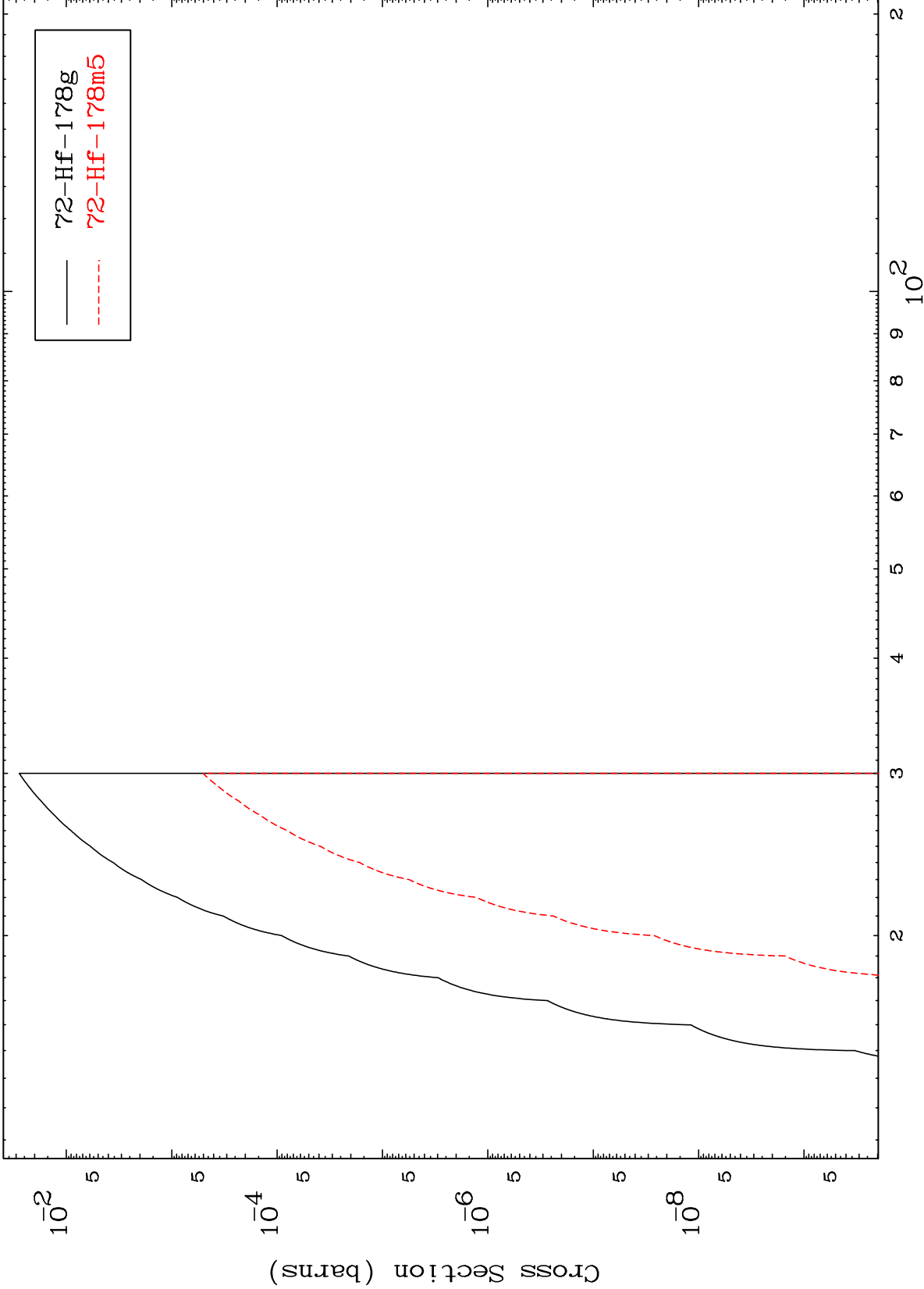


MAT 7325

(n,2n) p

73-Ta-180

Radionuclide Production Cross Section



136

Incident Energy (MeV)

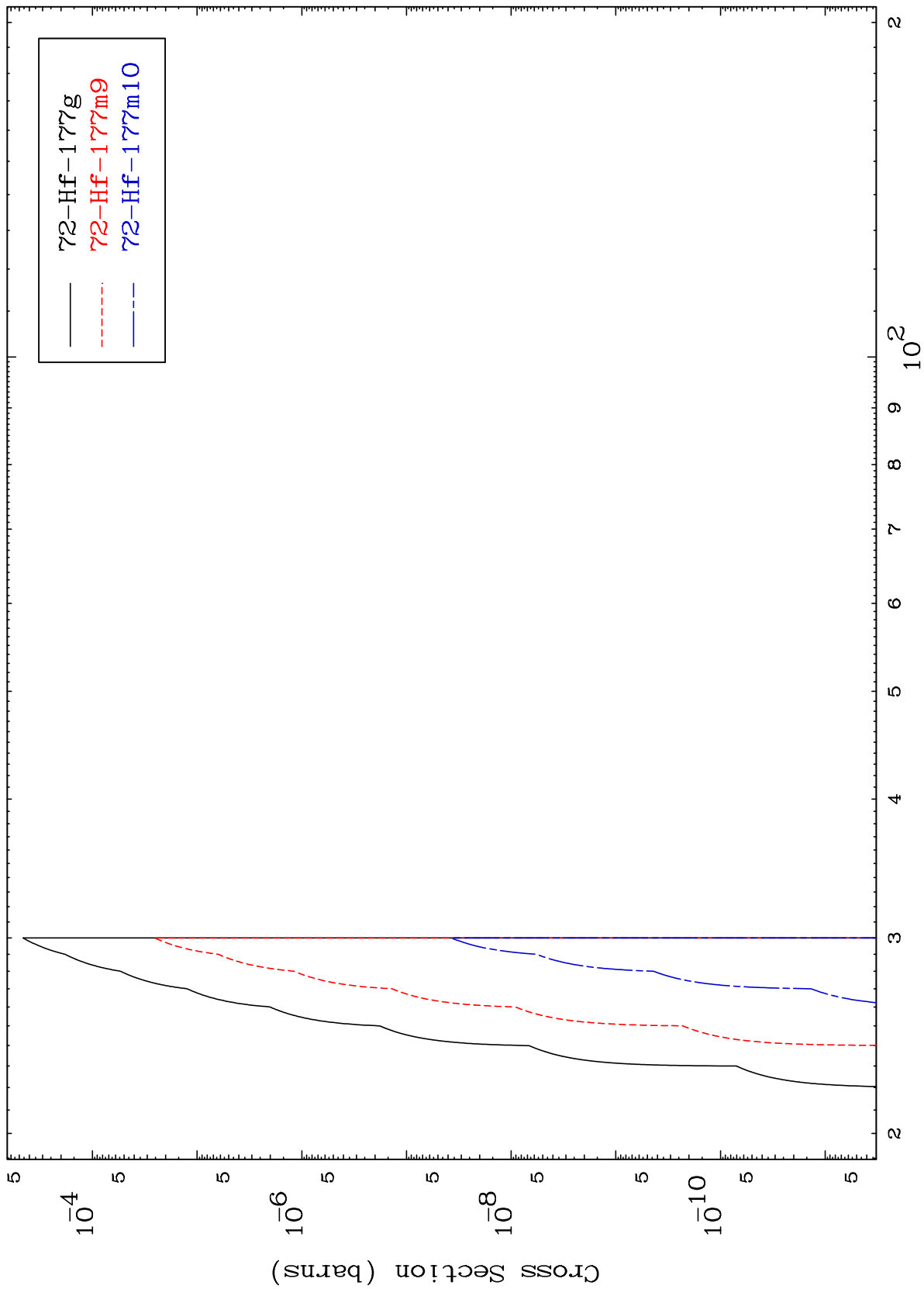
73-Ta-180

MAT 7325

(n,3n) p

73-Ta-180

Radionuclide Production Cross Section



137

Incident Energy (MeV)

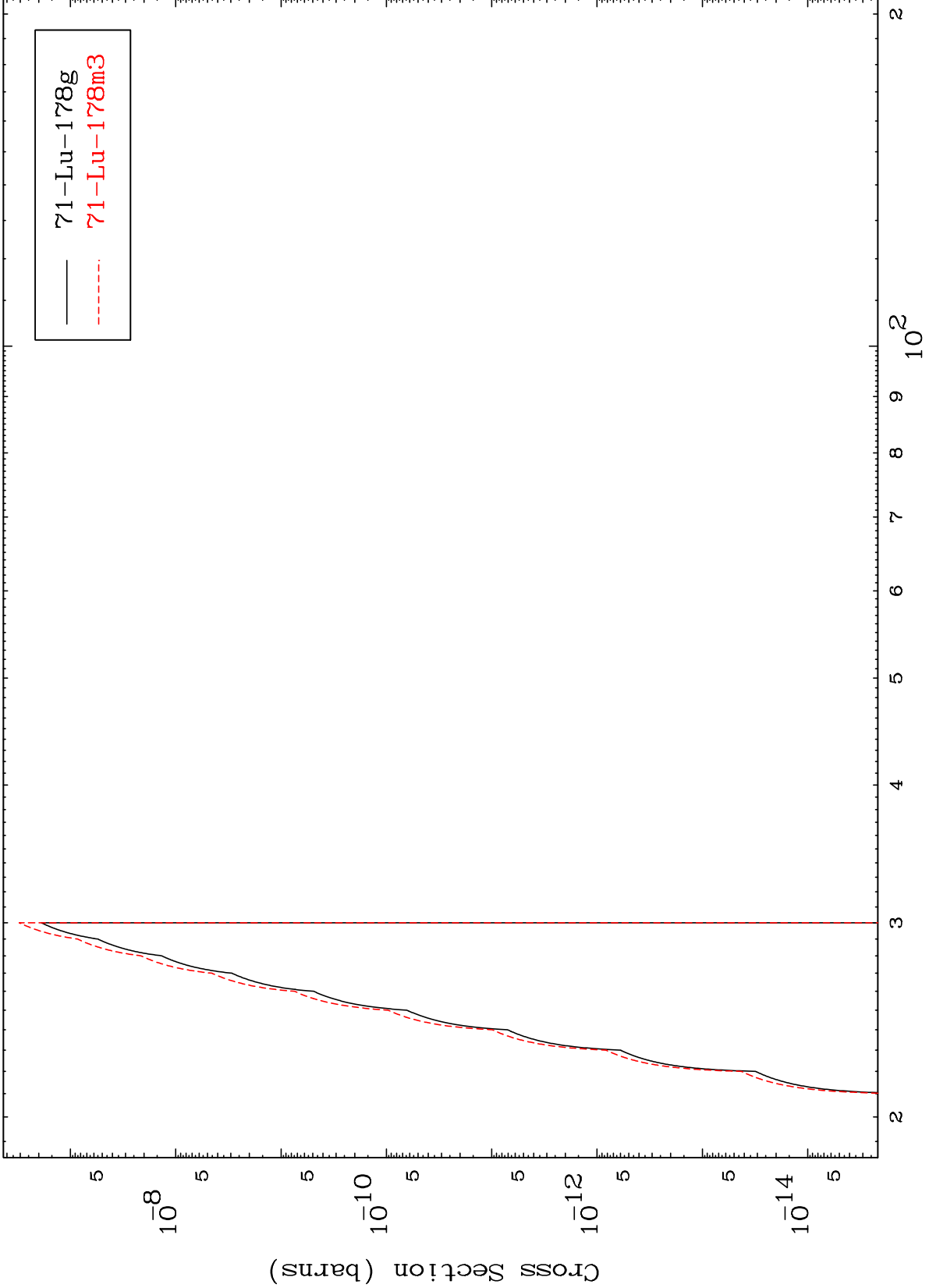
73-Ta-180

MAT 7325

(n,2n) p

73-Ta-180

Radionuclide Production Cross Section



138

Incident Energy (MeV)

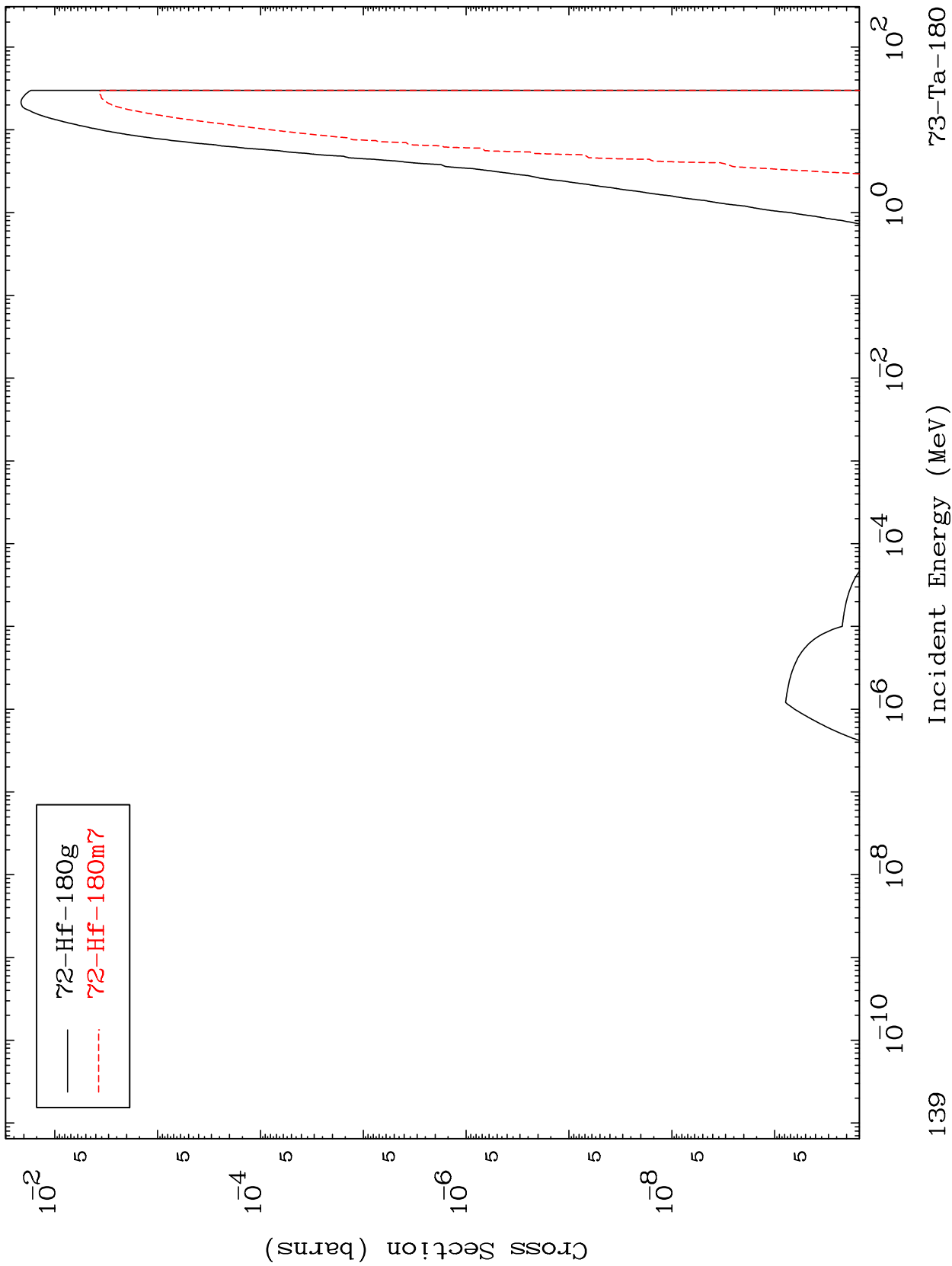
73-Ta-180

MAT 7325

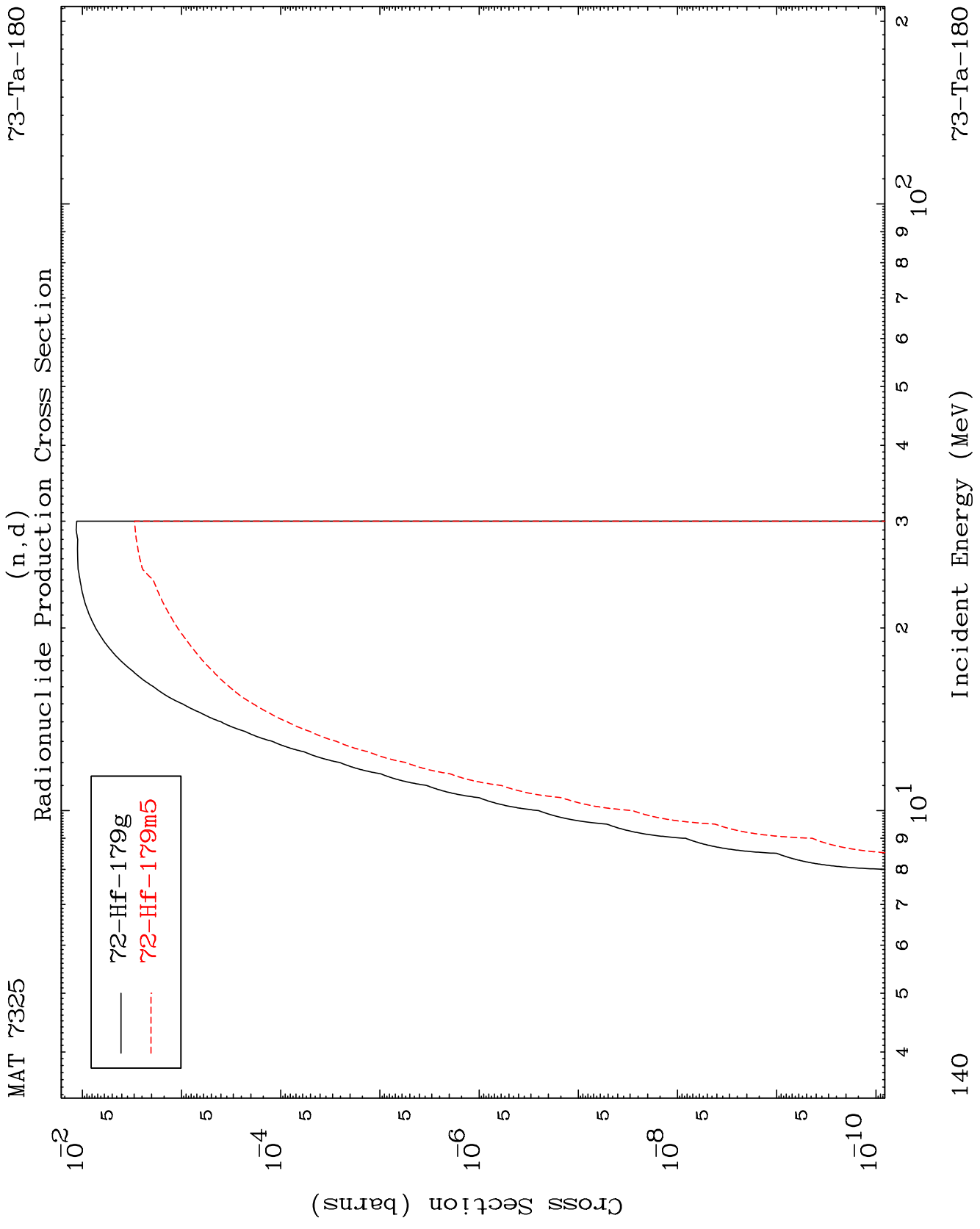
(n,p)

<sup>73</sup>Ta-180

Radionuclide Production Cross Section



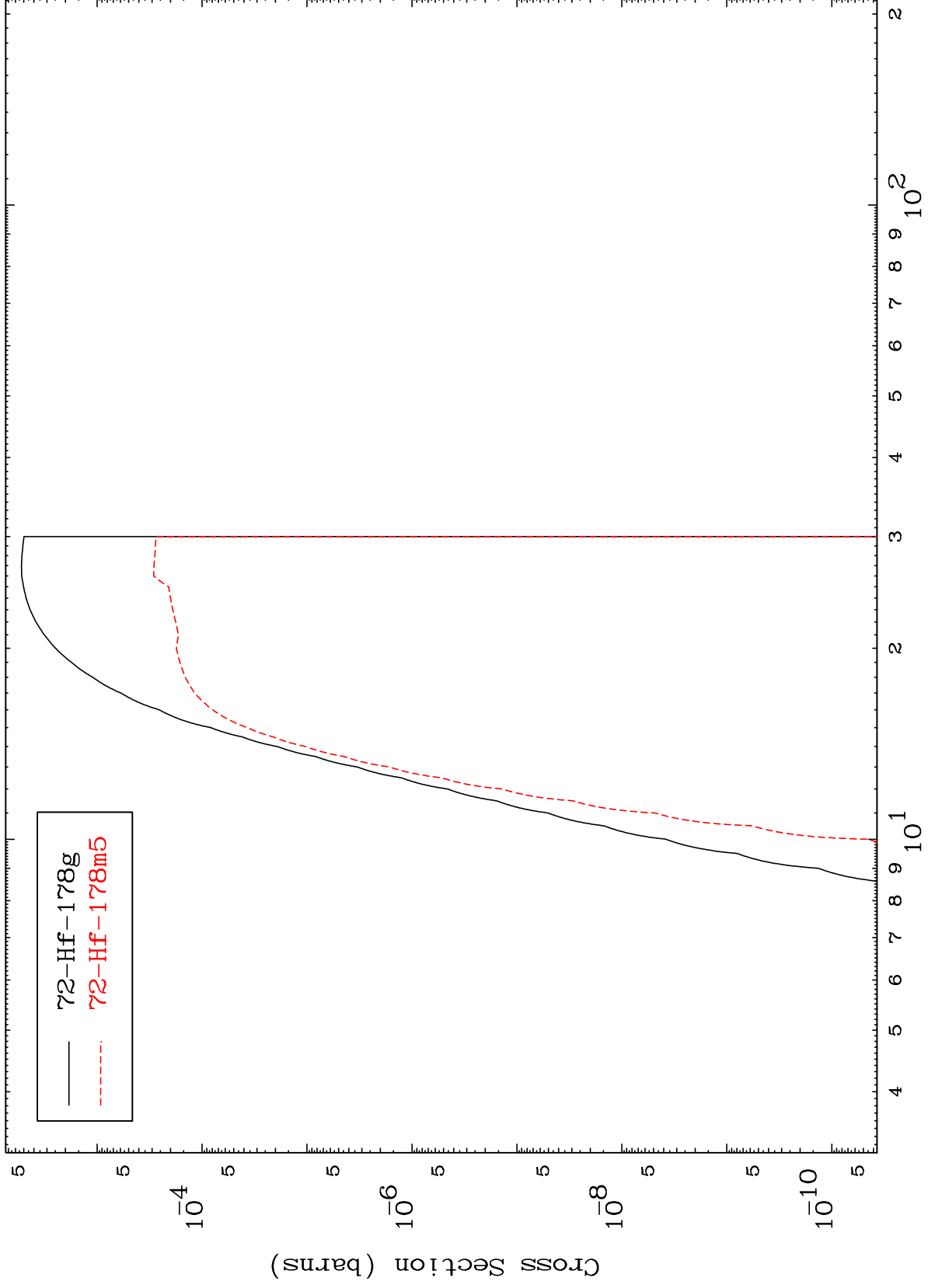
— 72-Hf-180g  
- - - 72-Hf-180m7



MAT 7325

73-Ta-180

(n, t)  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

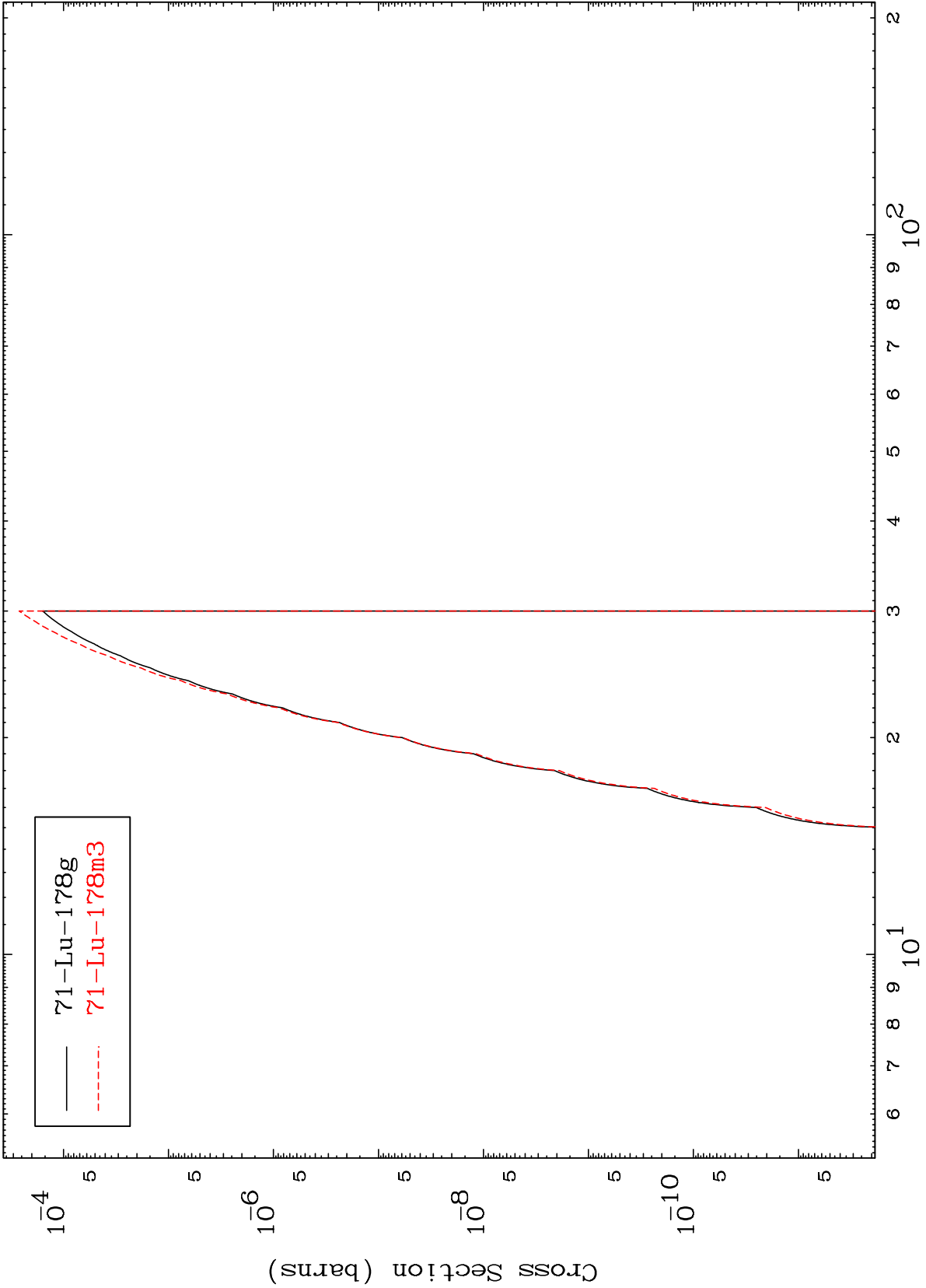
73-Ta-180

MAT 7325

(n,He-3)

73-Ta-180

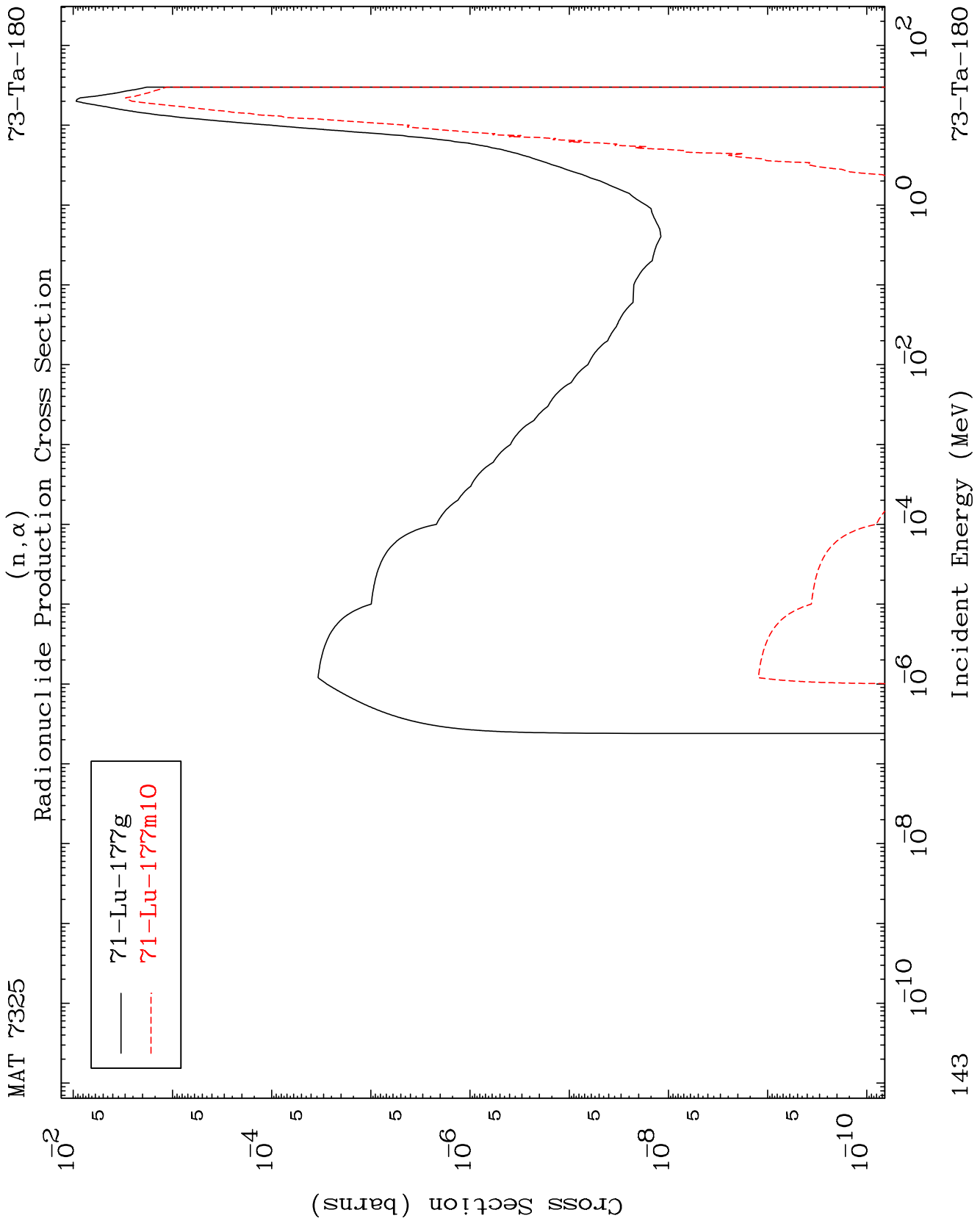
Radionuclide Production Cross Section



142

Incident Energy (MeV)

73-Ta-180



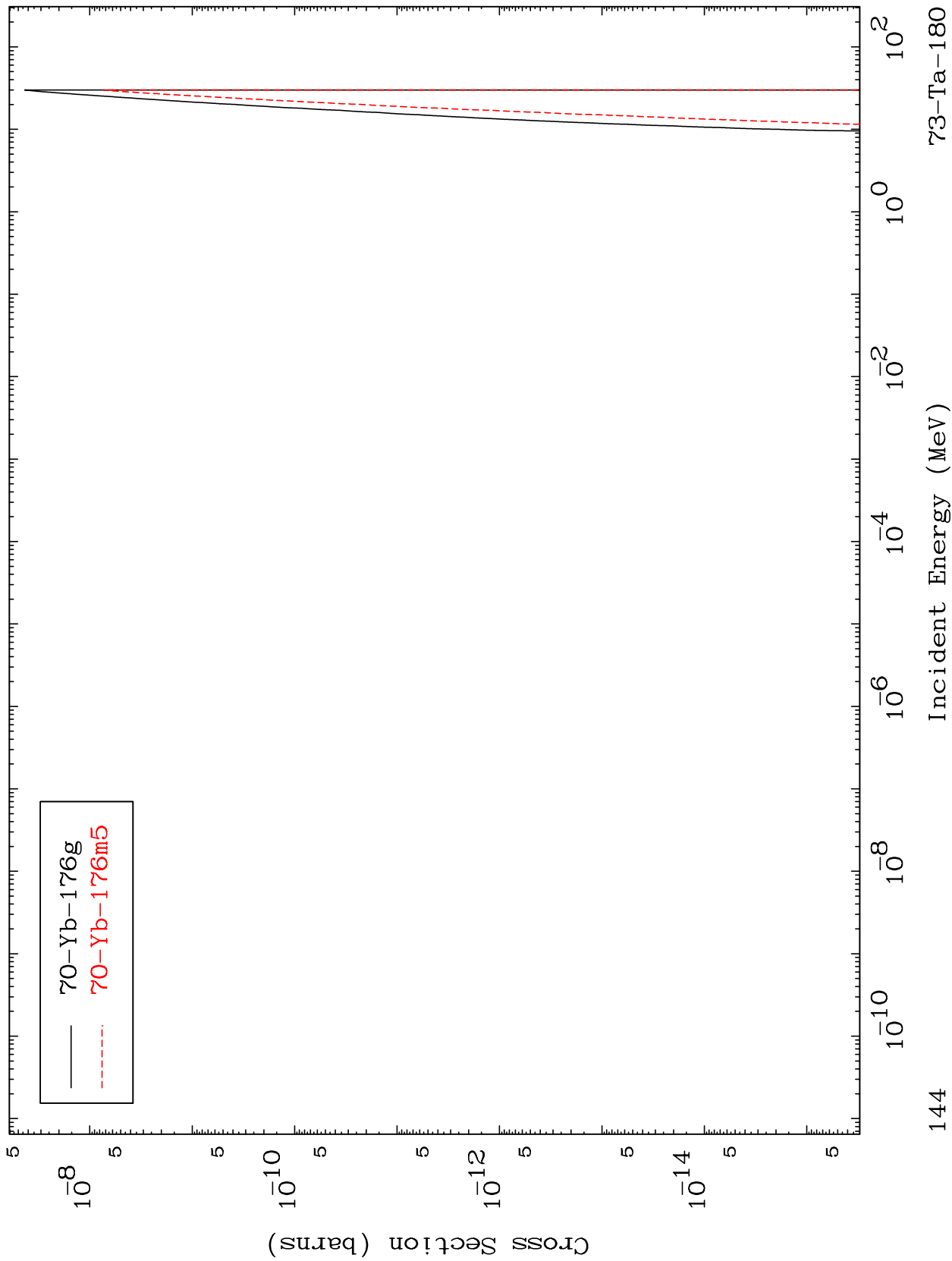


MAT 7325

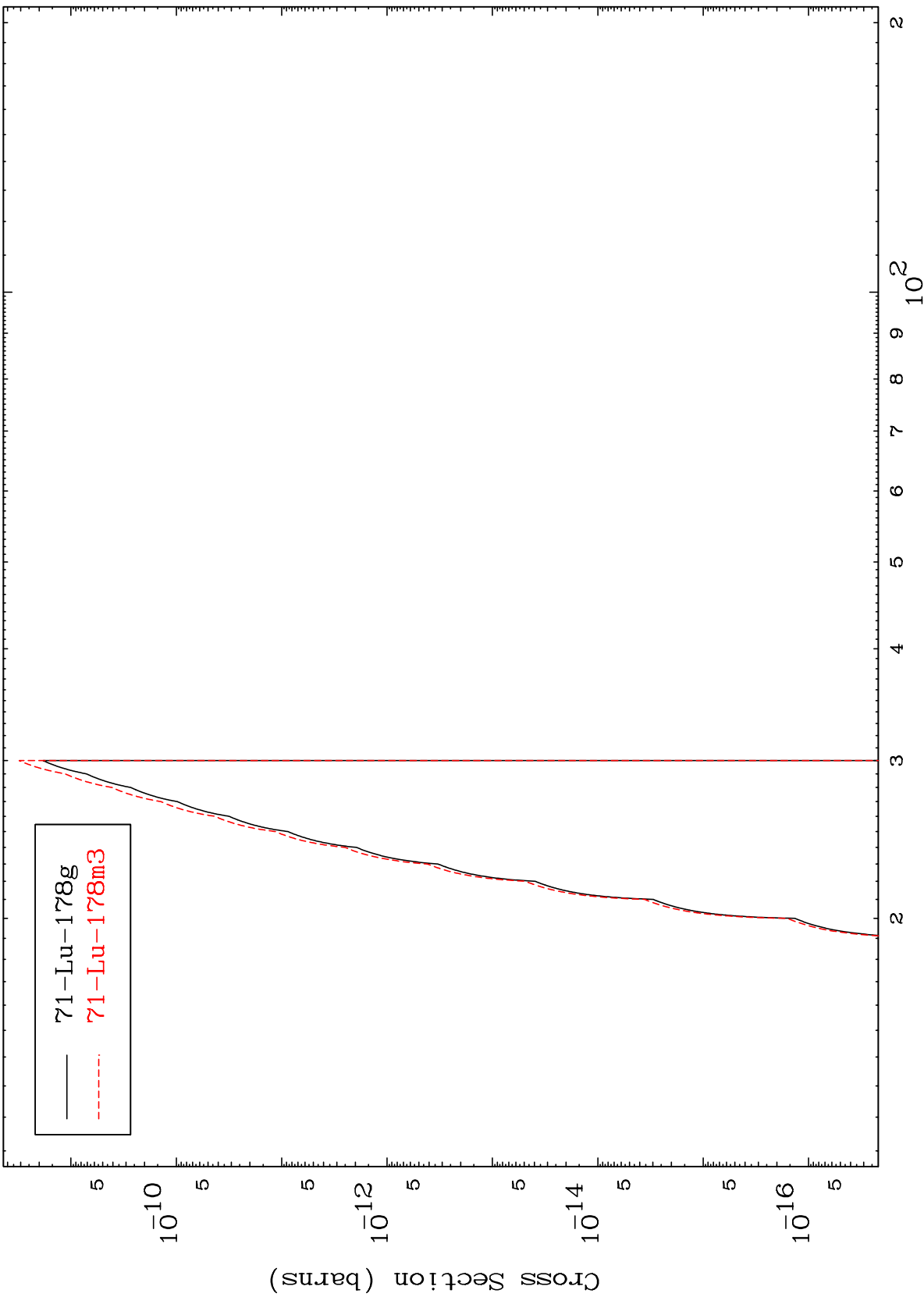
(n,p)  $\alpha$

$^{73}\text{Ta-180}$

Radionuclide Production Cross Section



Radionuclide Production Cross Section

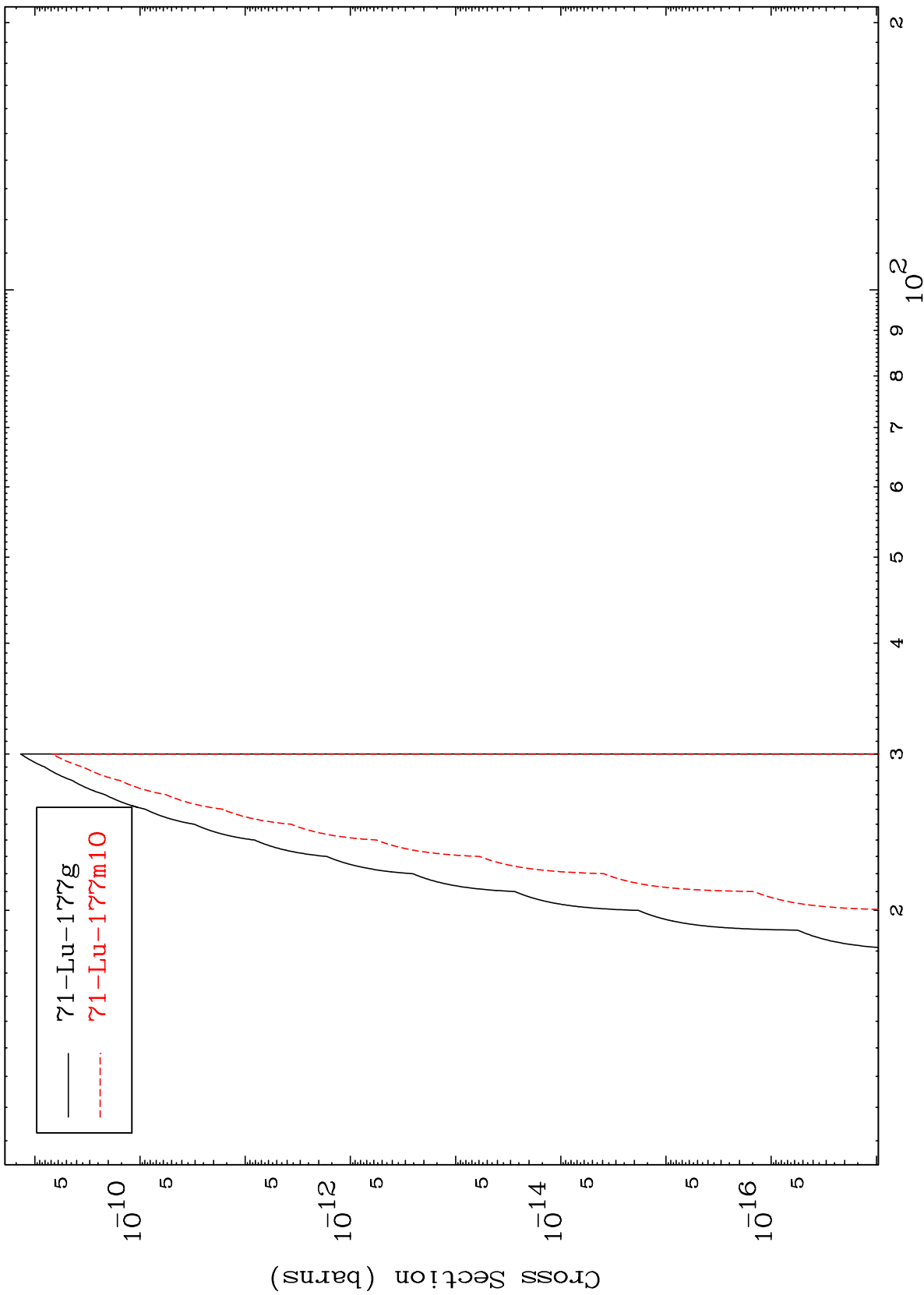


MAT 7325

(n,p) t

<sup>73</sup>Ta-180

Radionuclide Production Cross Section



146

Incident Energy (MeV)

<sup>73</sup>Ta-180