

Program EVALPLOT  
(Version 2018-1)

by

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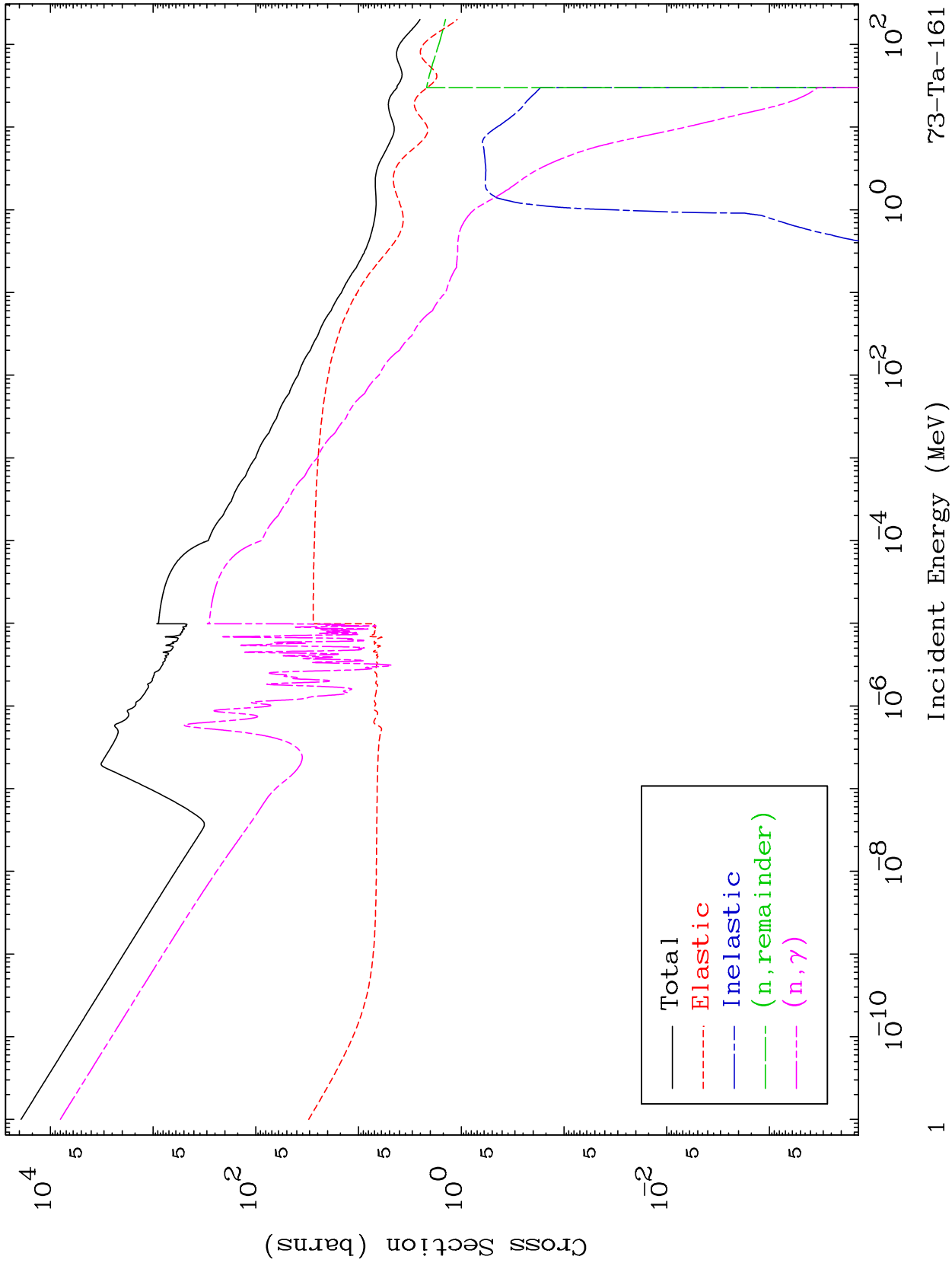
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7268

Major  
293 Kelvin Cross Sections

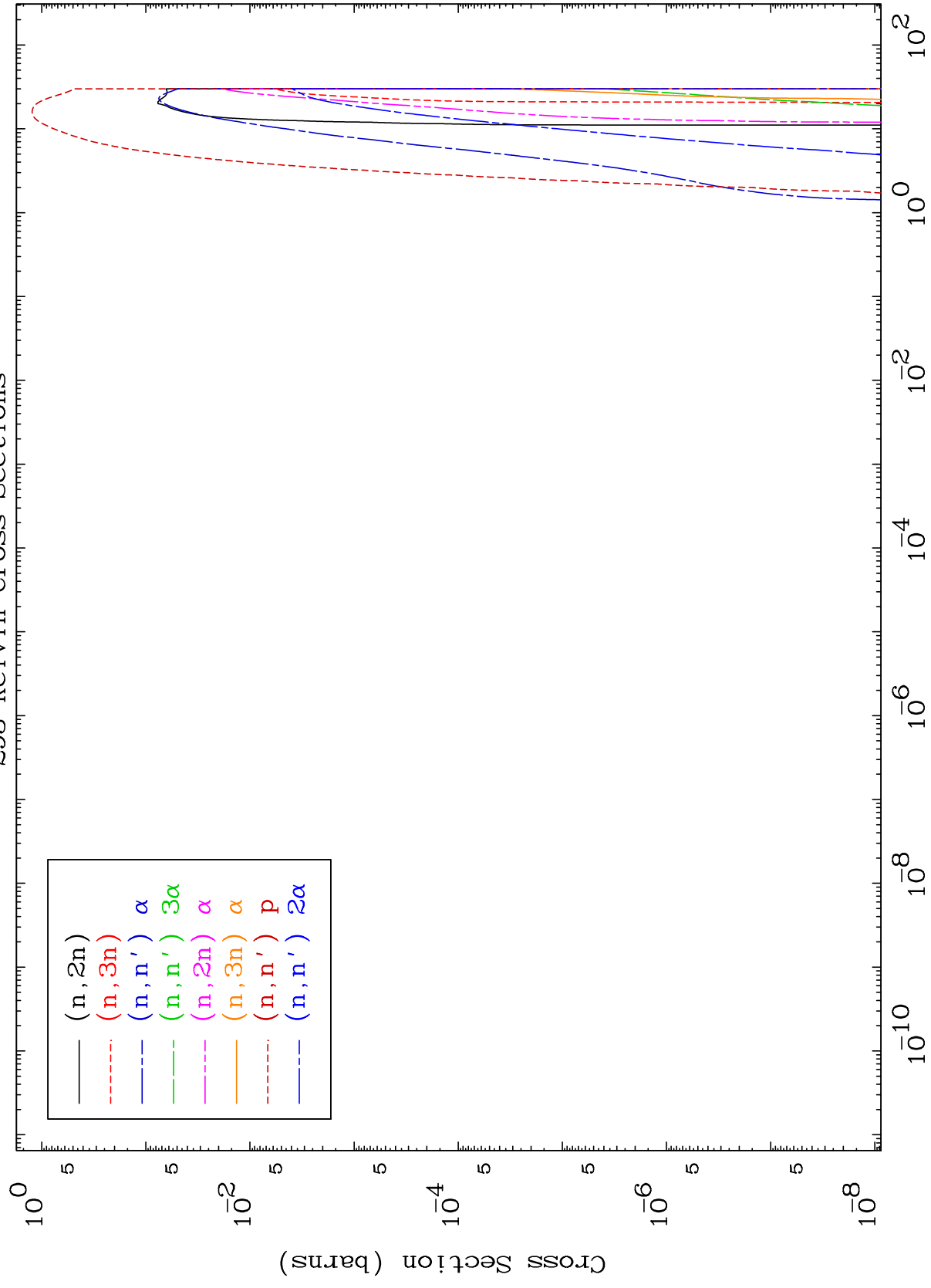
73-Ta-161



MAT 7268

Neutron Production  
293 Kelvin Cross Sections

73-Ta-161

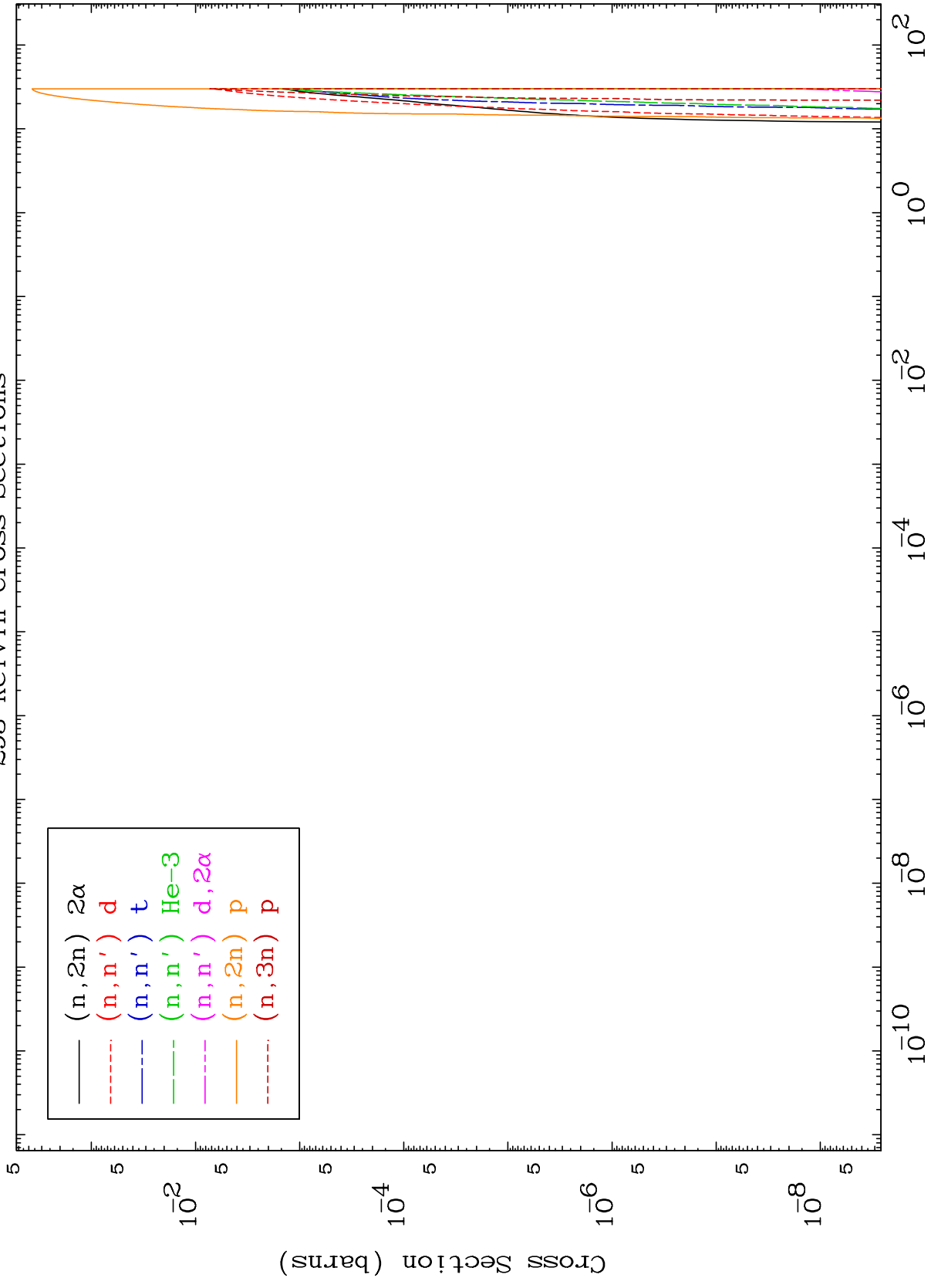


73-Ta-161

MAT 7268

Neutron Production  
293 Kelvin Cross Sections

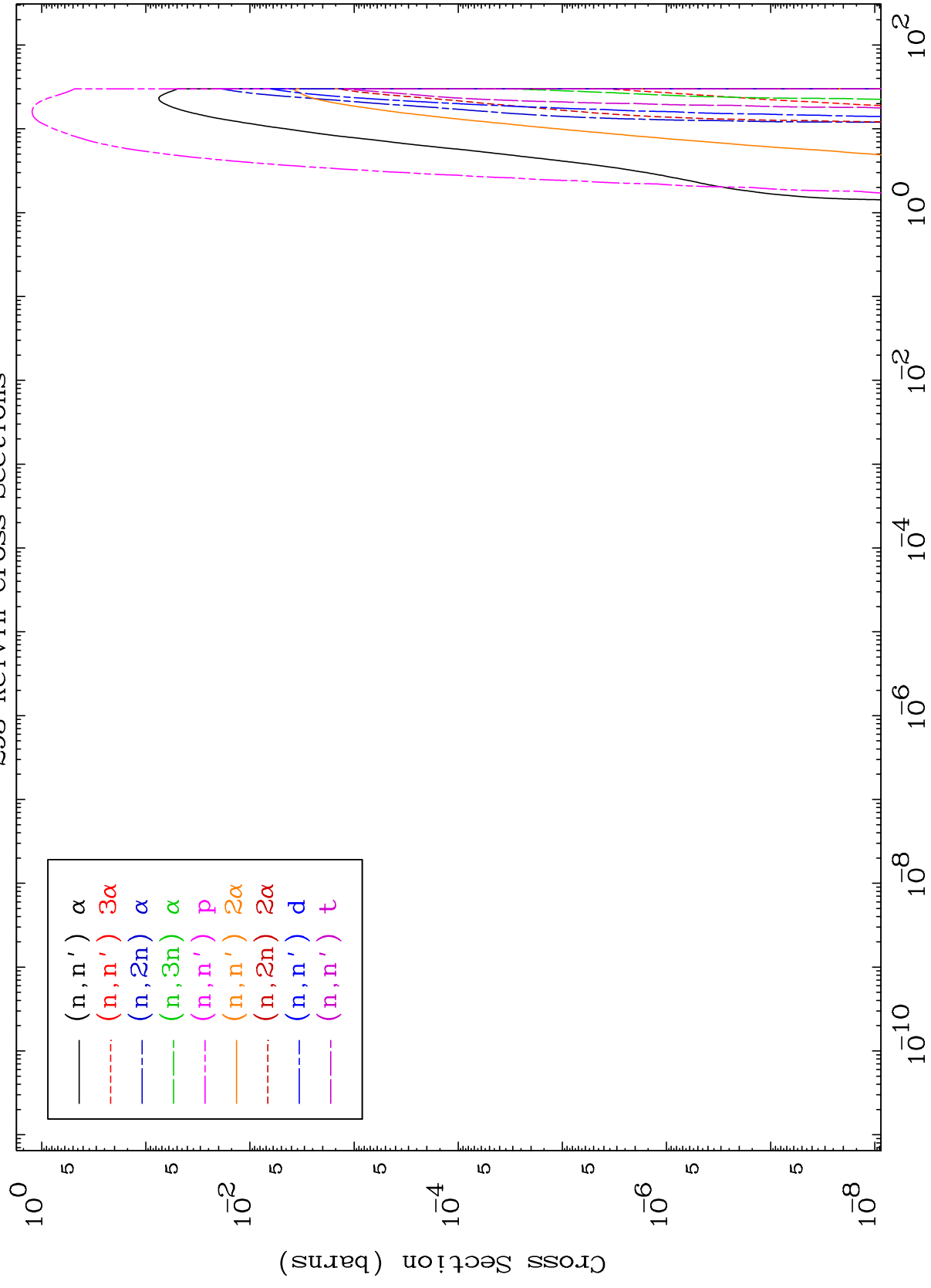
73-Ta-161



MAT 7268

293 Kelvin Cross Sections

73-Ta-161

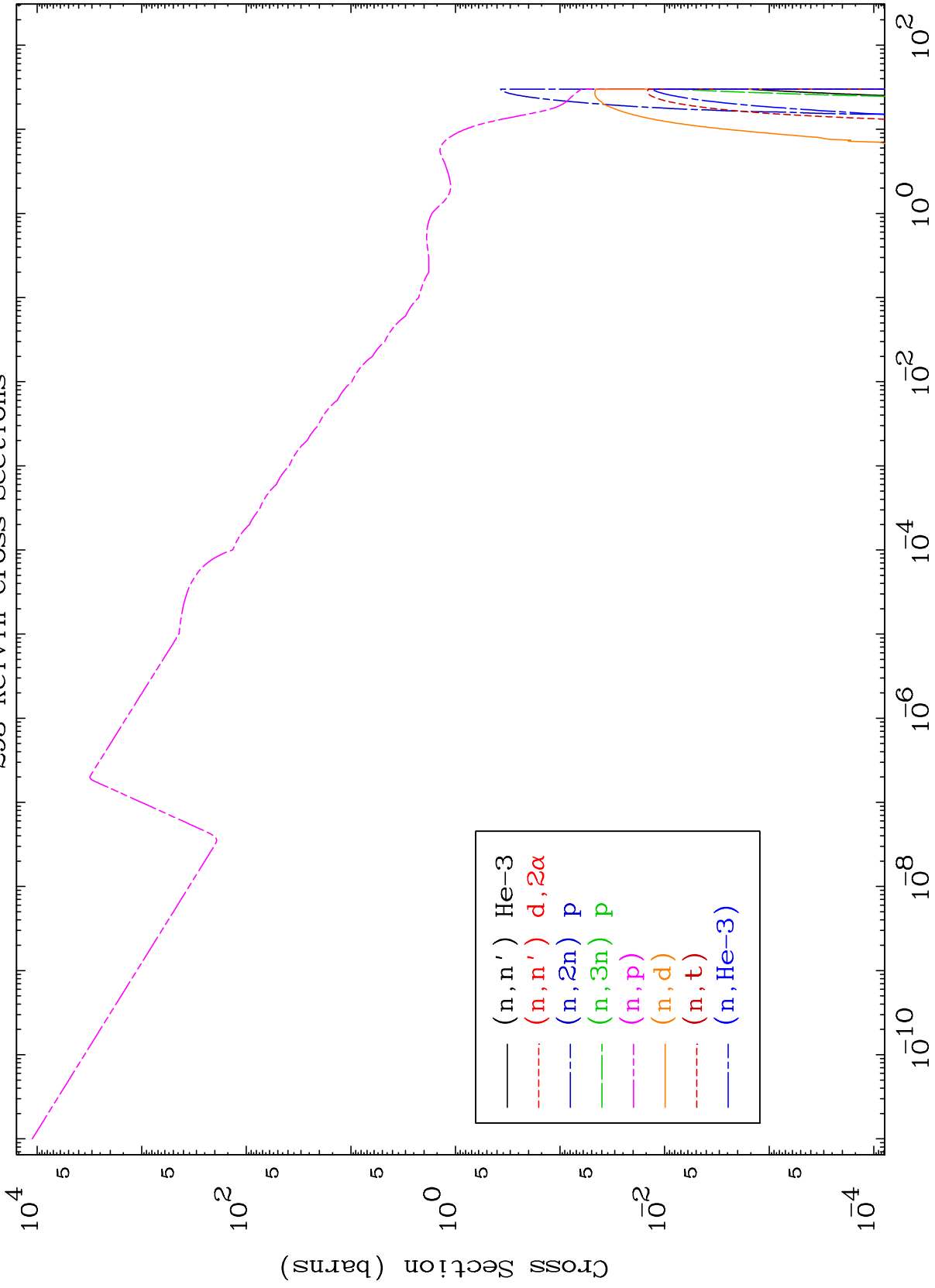


73-Ta-161

MAT 7268

Charged Particle  
293 Kelvin Cross Sections

73-Ta-161



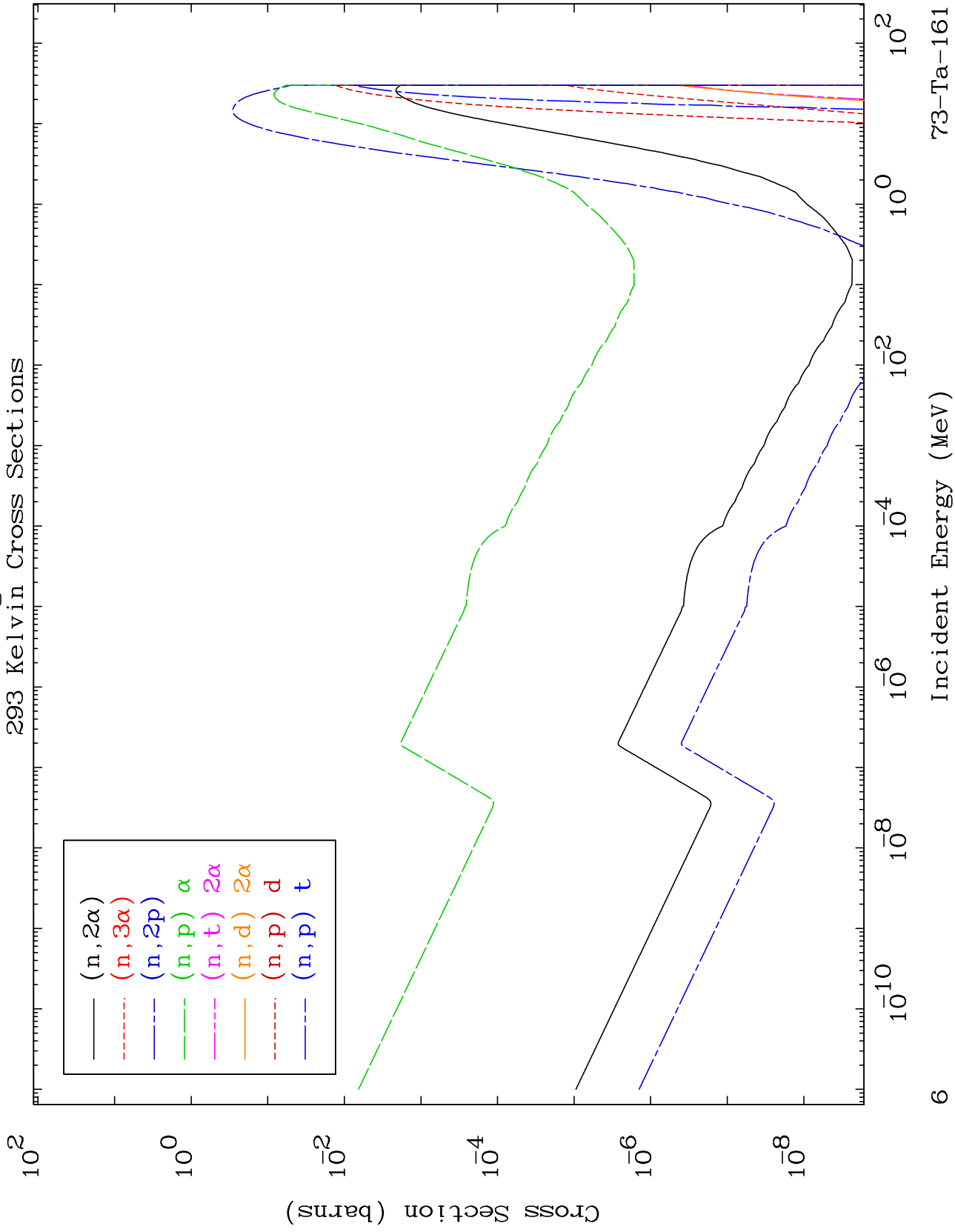
5

73-Ta-161

MAT 7268

293 Kelvin Cross Sections

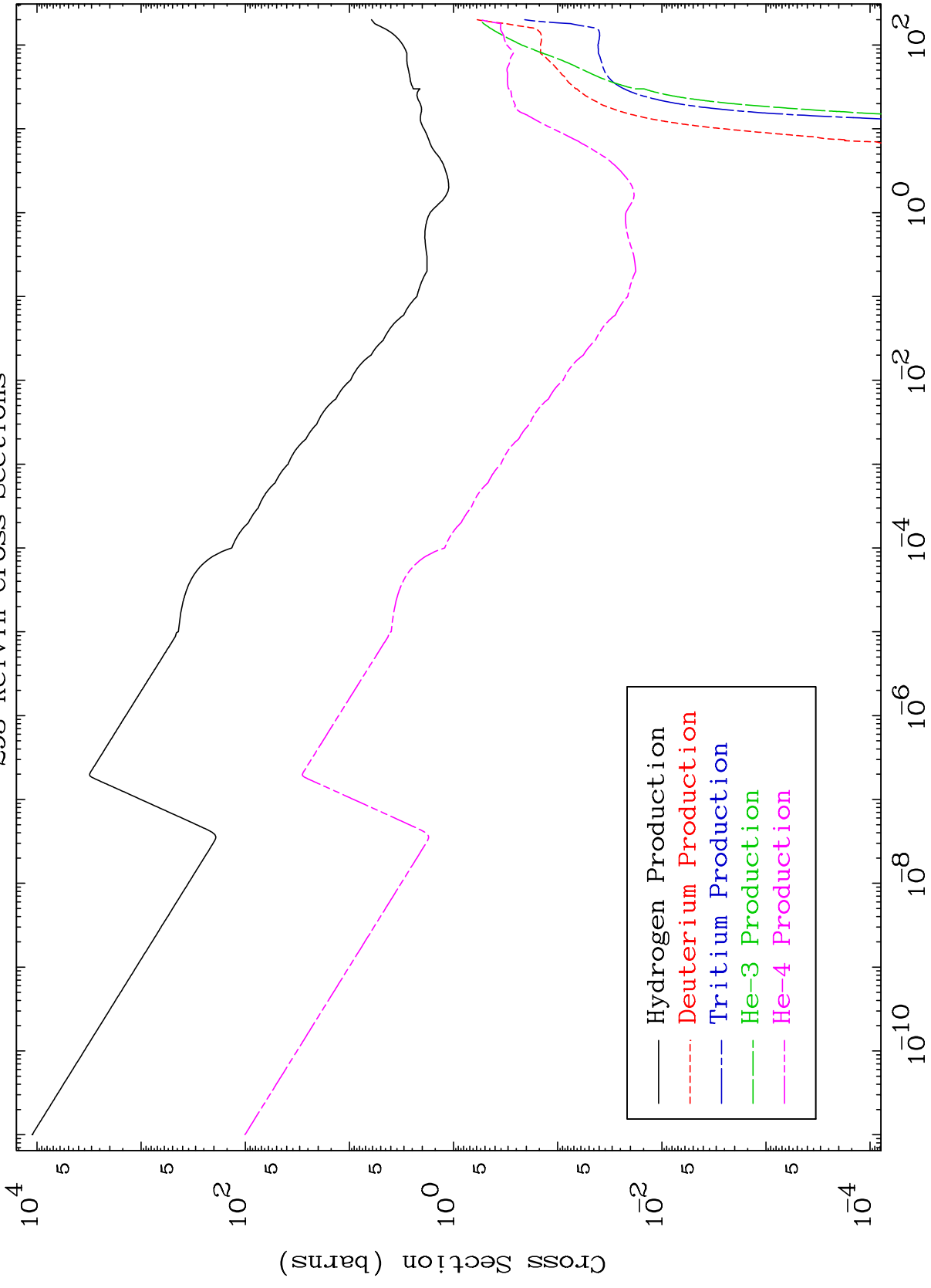
73-Ta-161



MAT 7268

Particle Production  
293 Kelvin Cross Sections

73-Ta-161



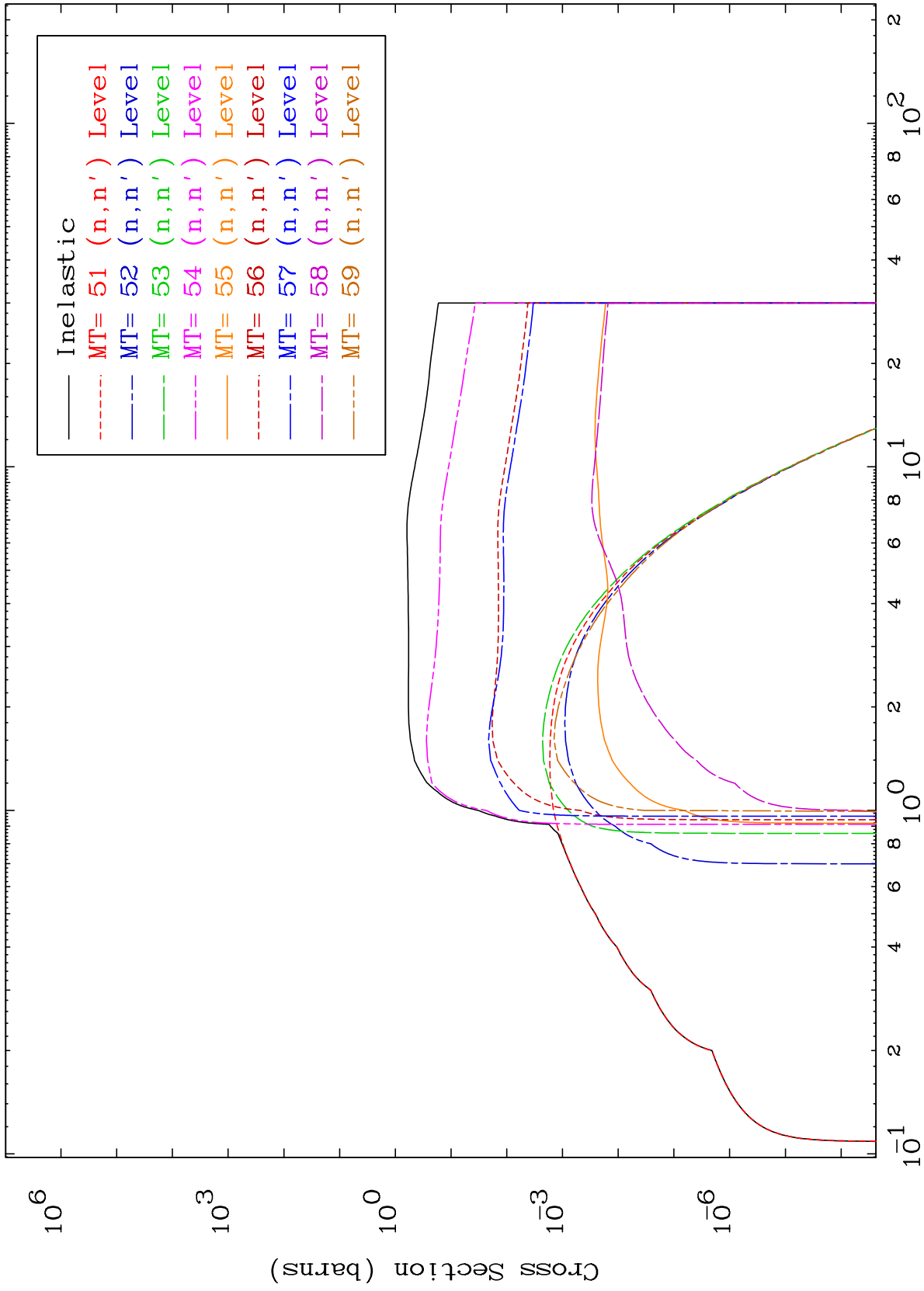
73-Ta-161



MAT 7268

(n,n') Level  
293 Kelvin Cross Sections

73-Ta-161



8

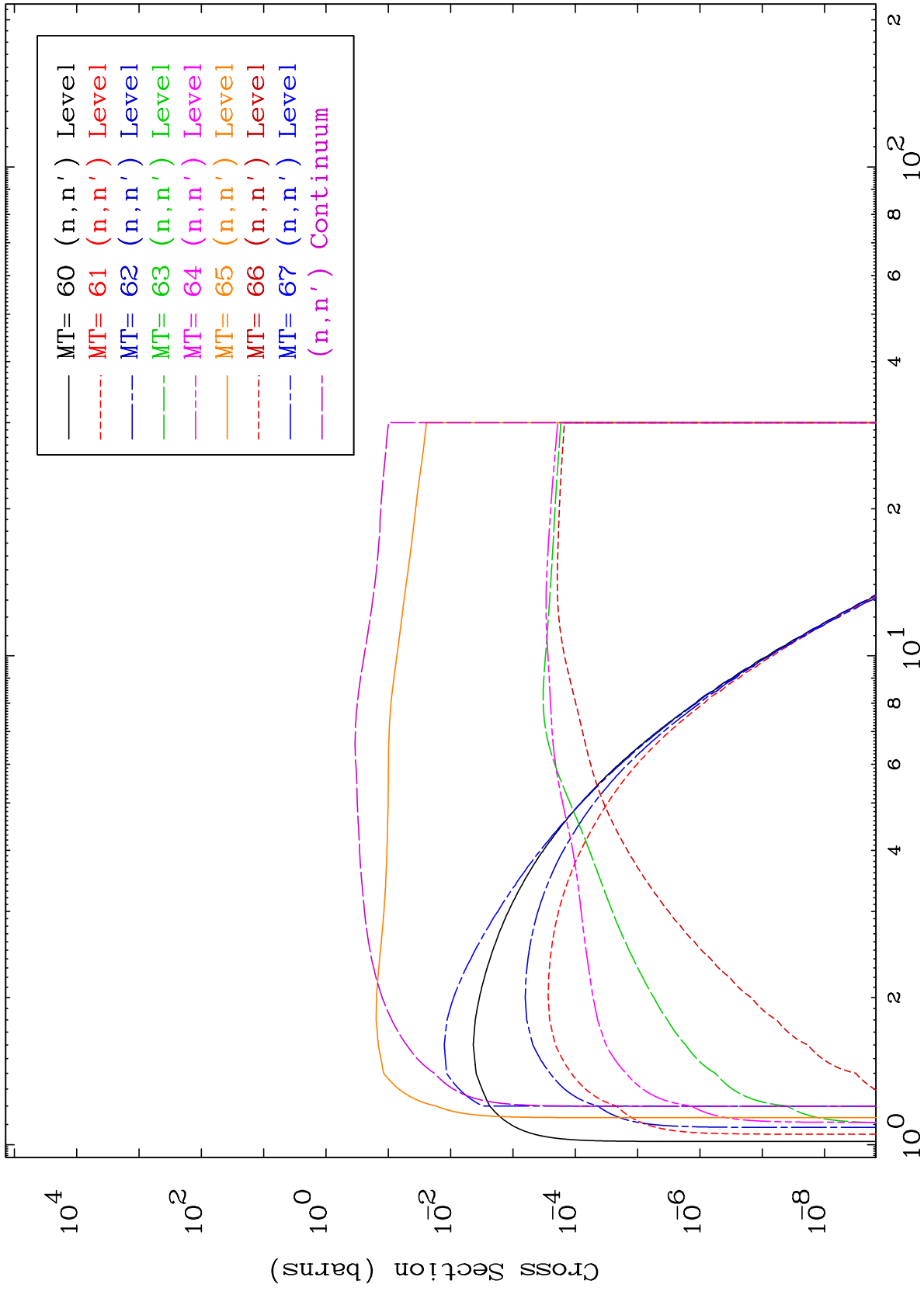
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,n') Level  
293 Kelvin Cross Sections

73-Ta-161



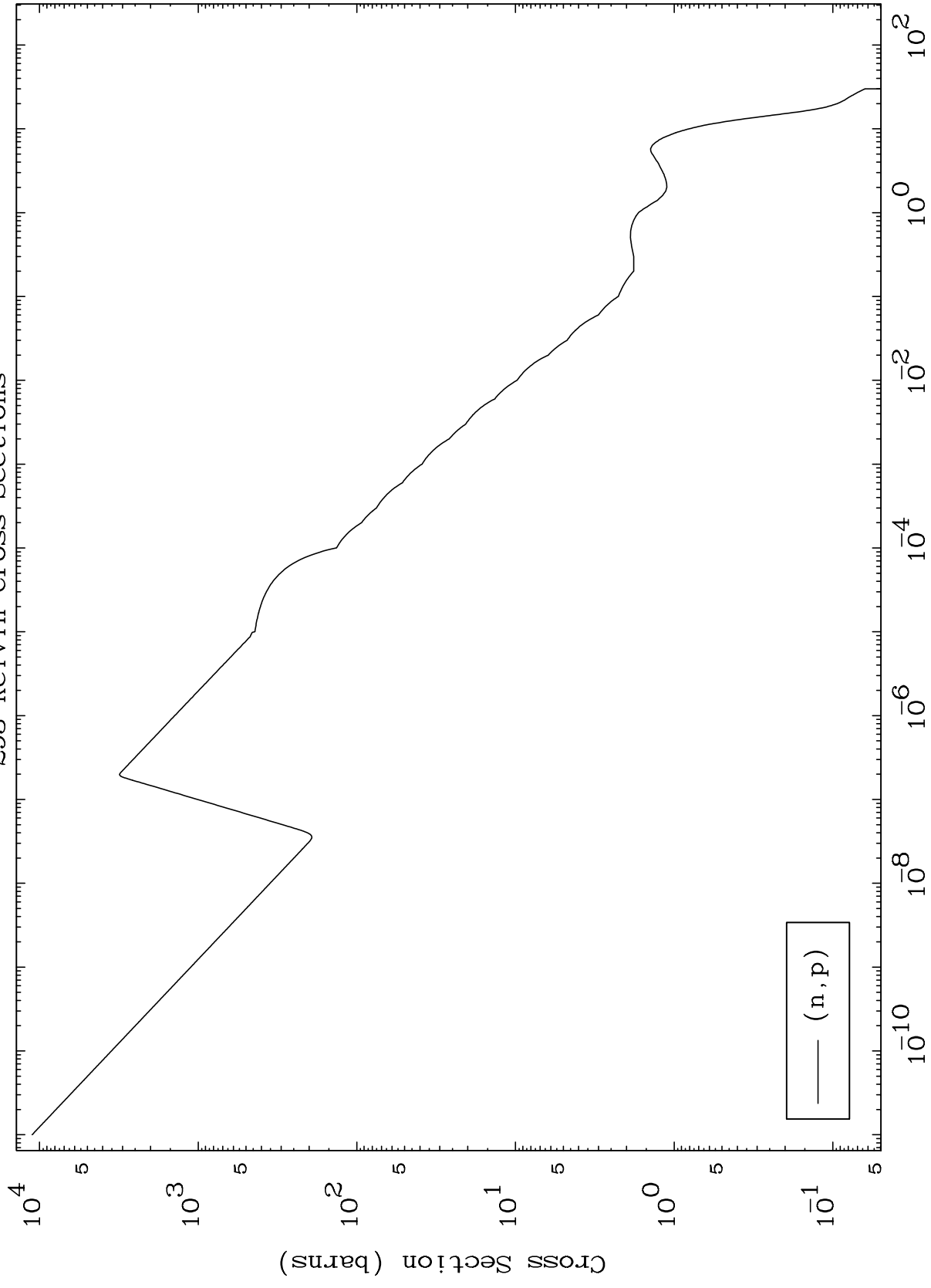
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-161



10

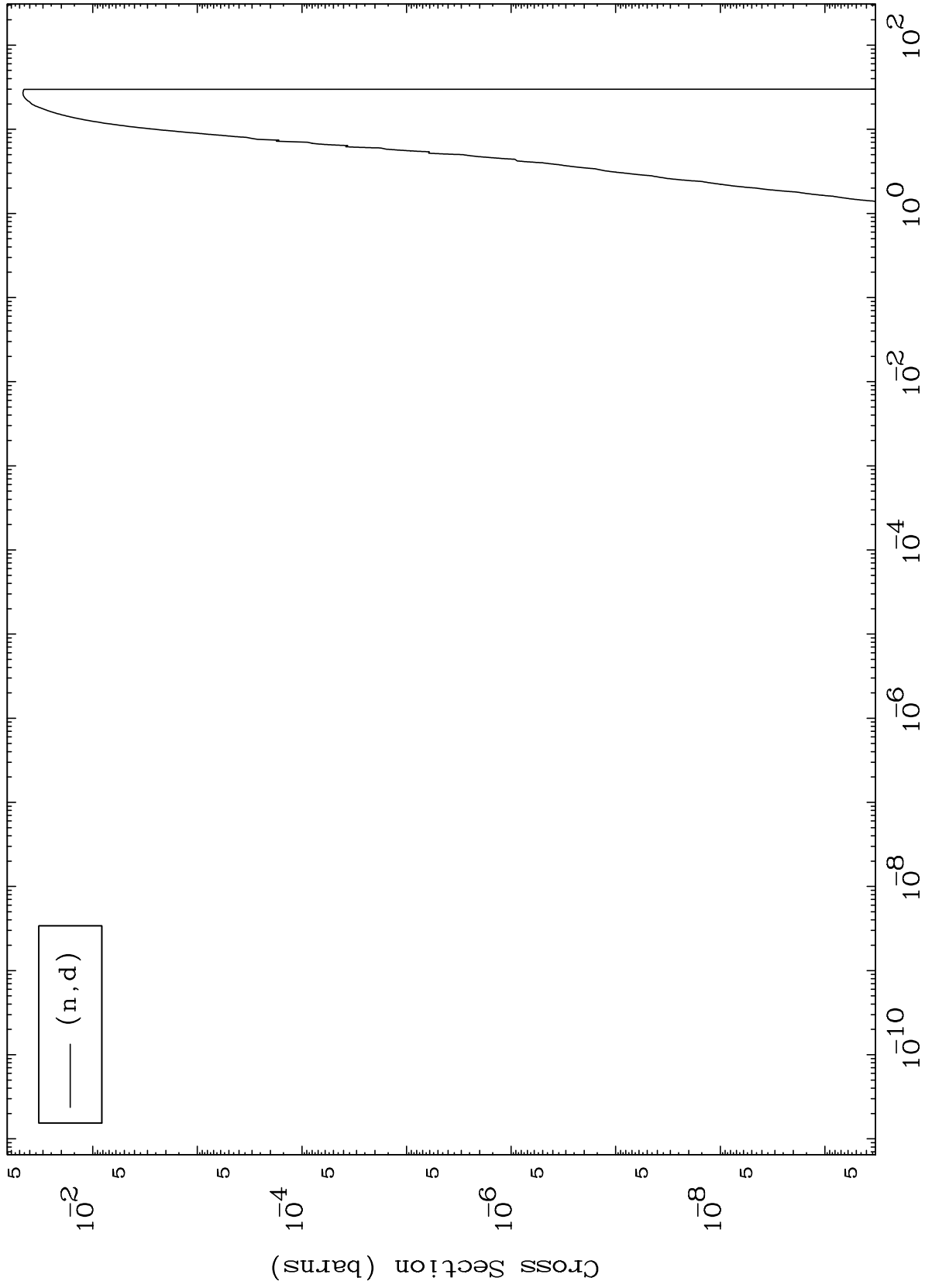
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,d) Levels  
293 Kelvin Cross Sections

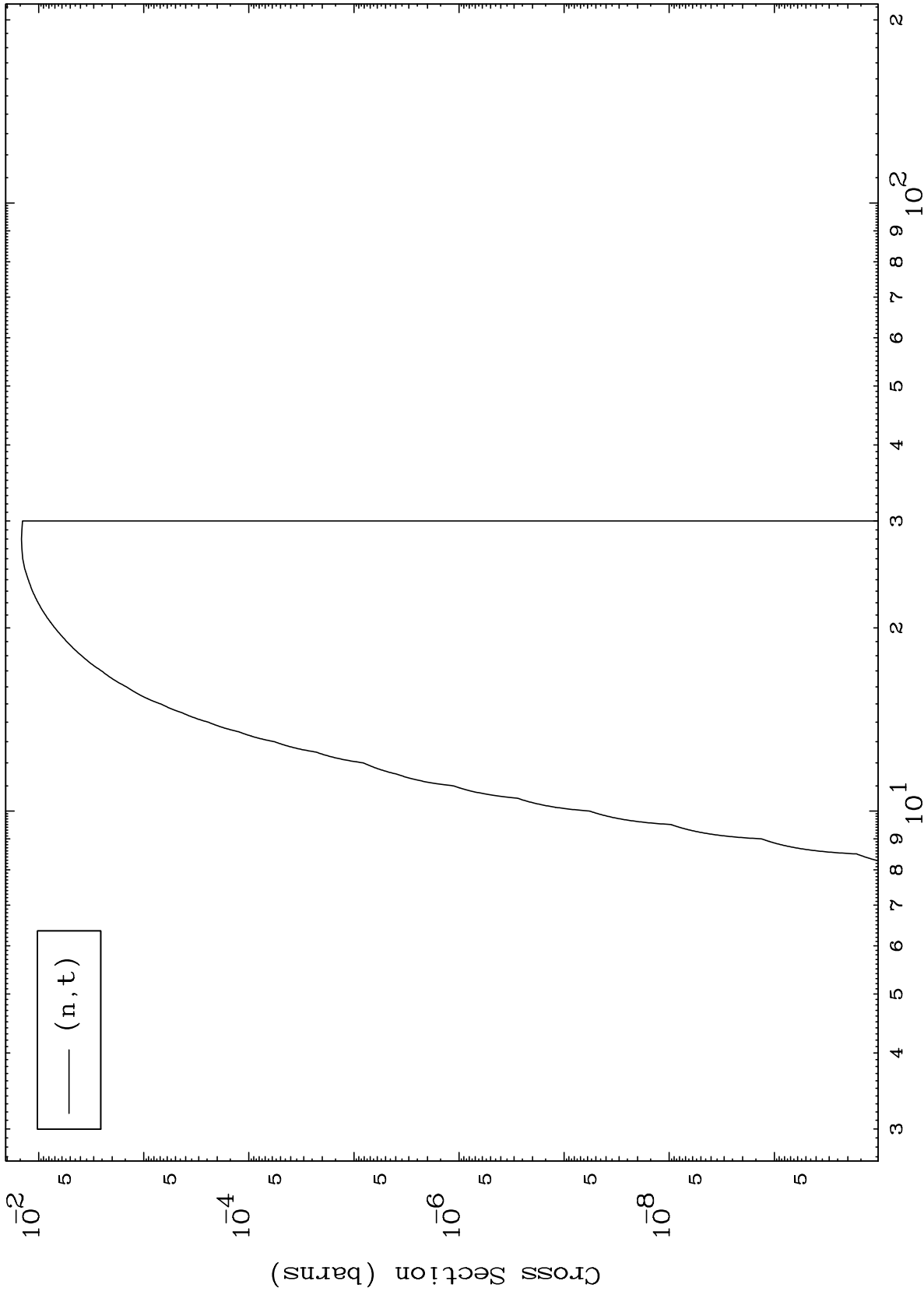
73-Ta-161



MAT 7268

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-161



12

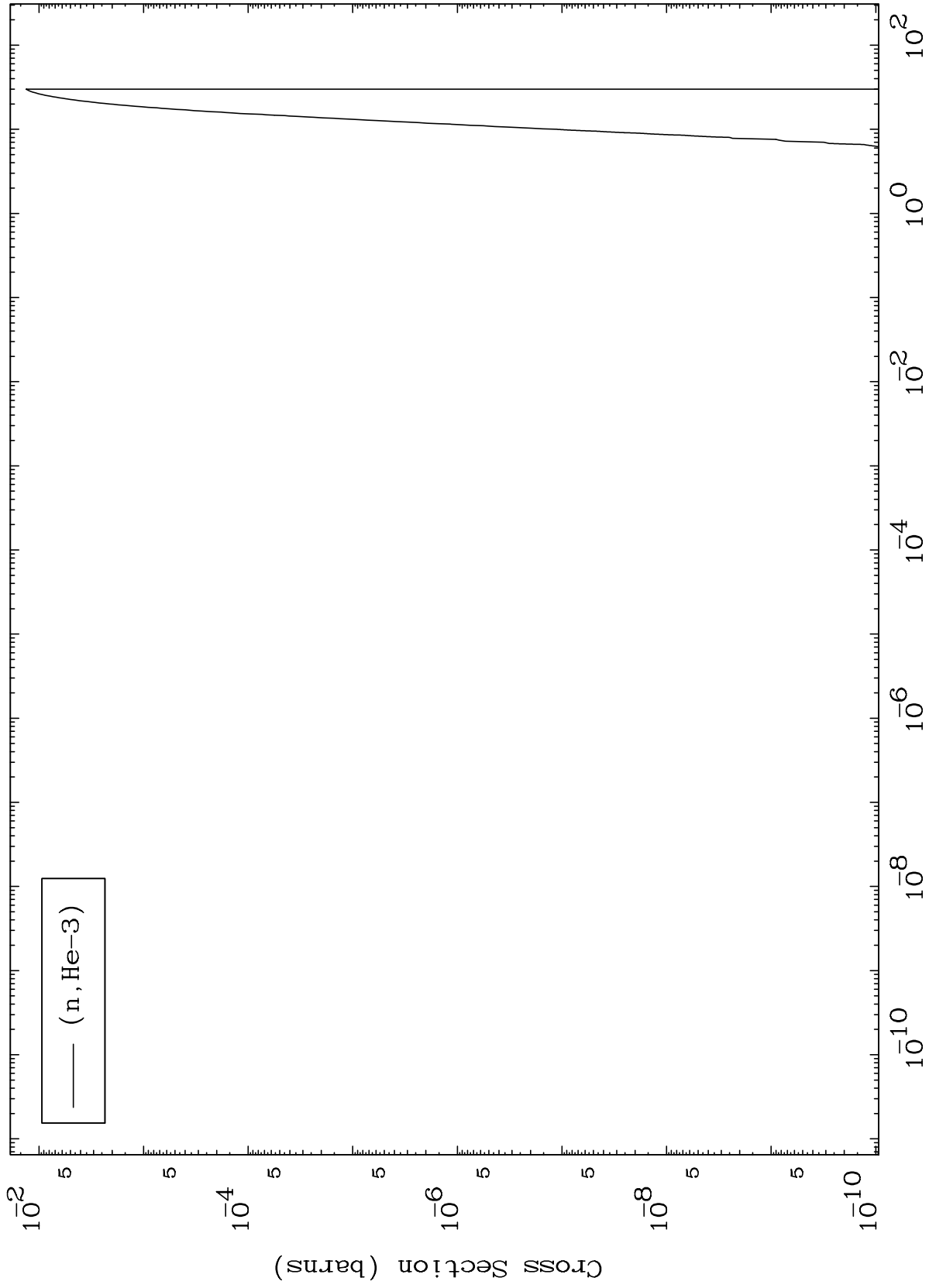
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-161



13

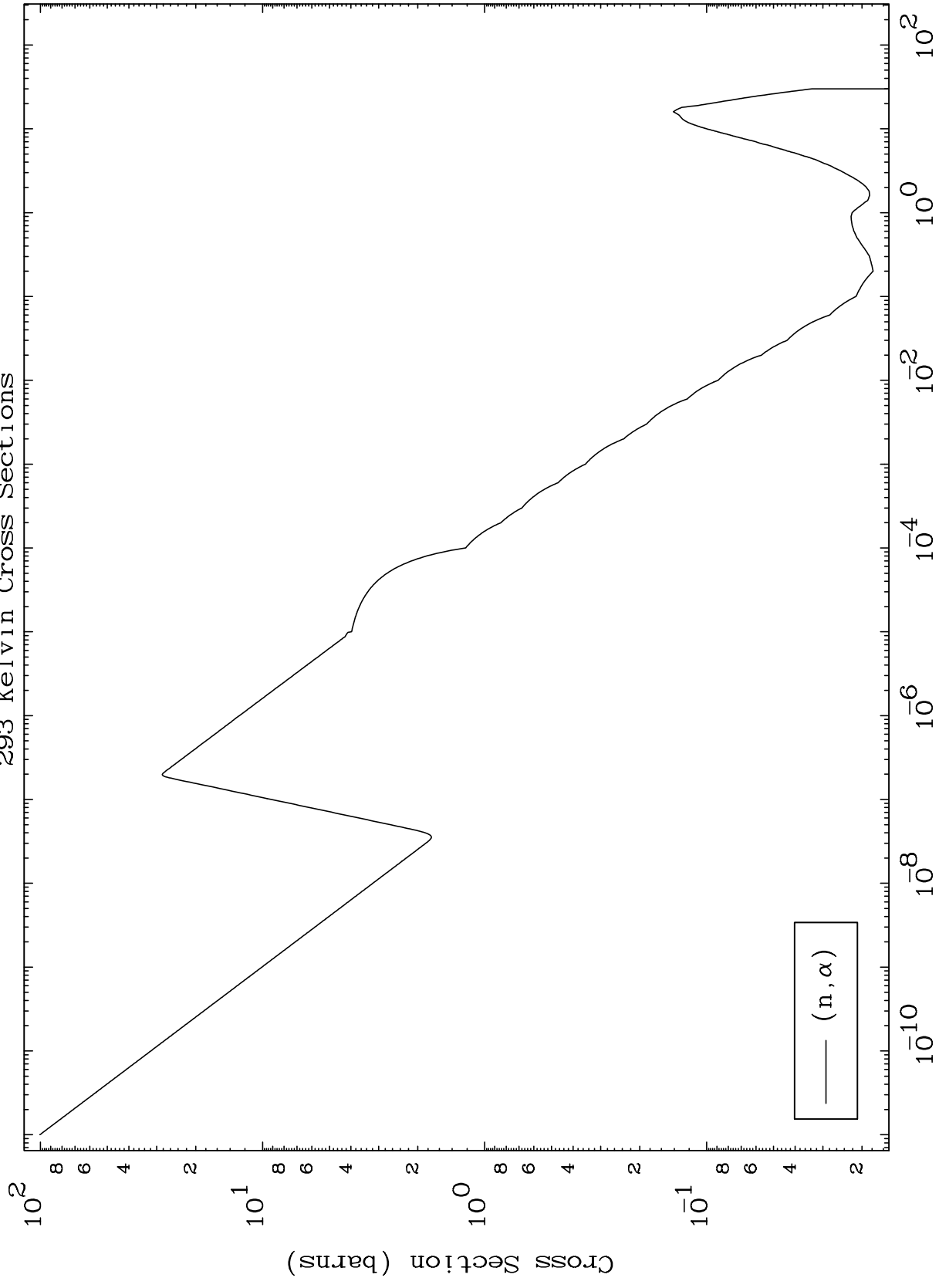
Incident Energy (MeV)

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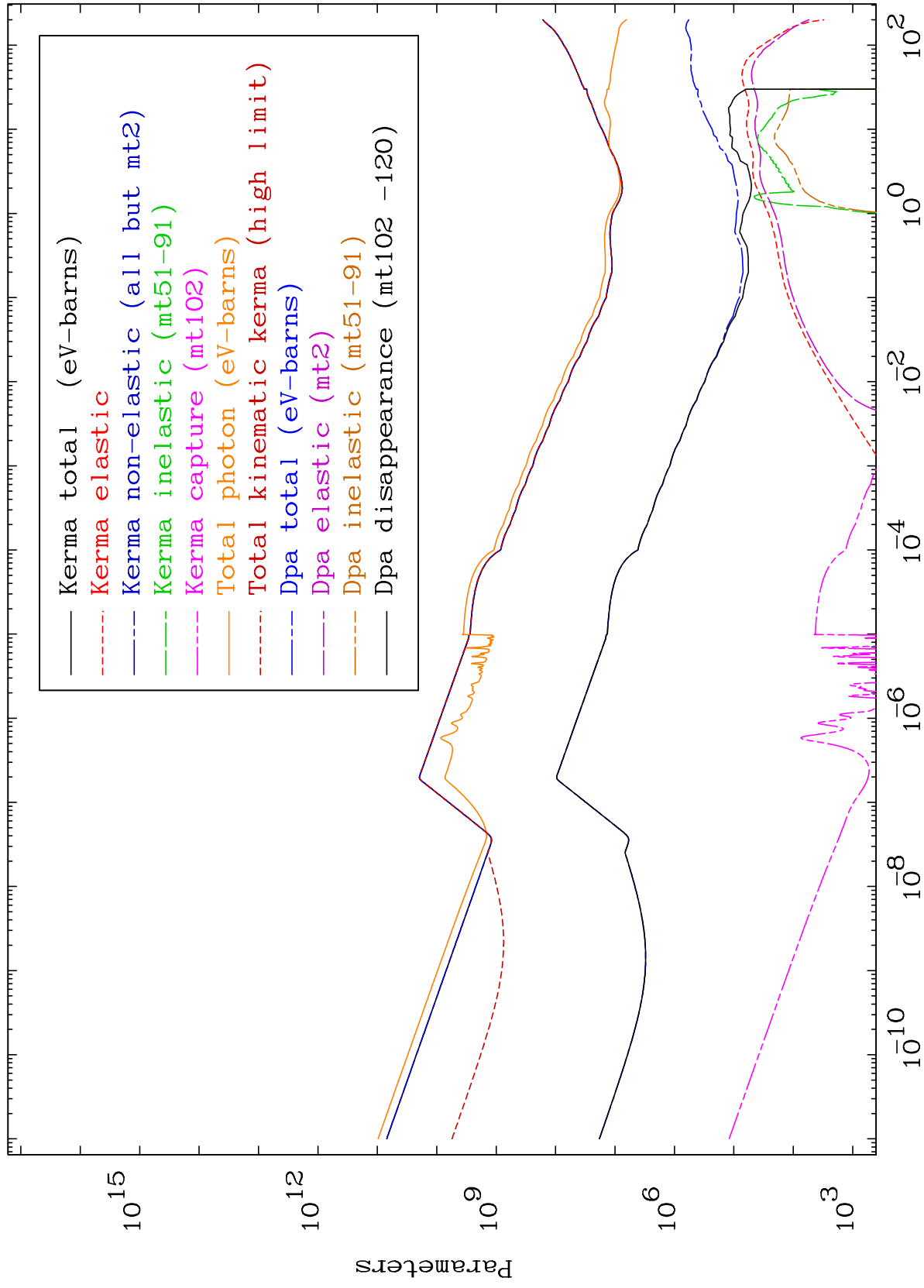
MAT 7268

(n,α) Levels  
293 Kelvin Cross Sections

73-Ta-161



(n,α)



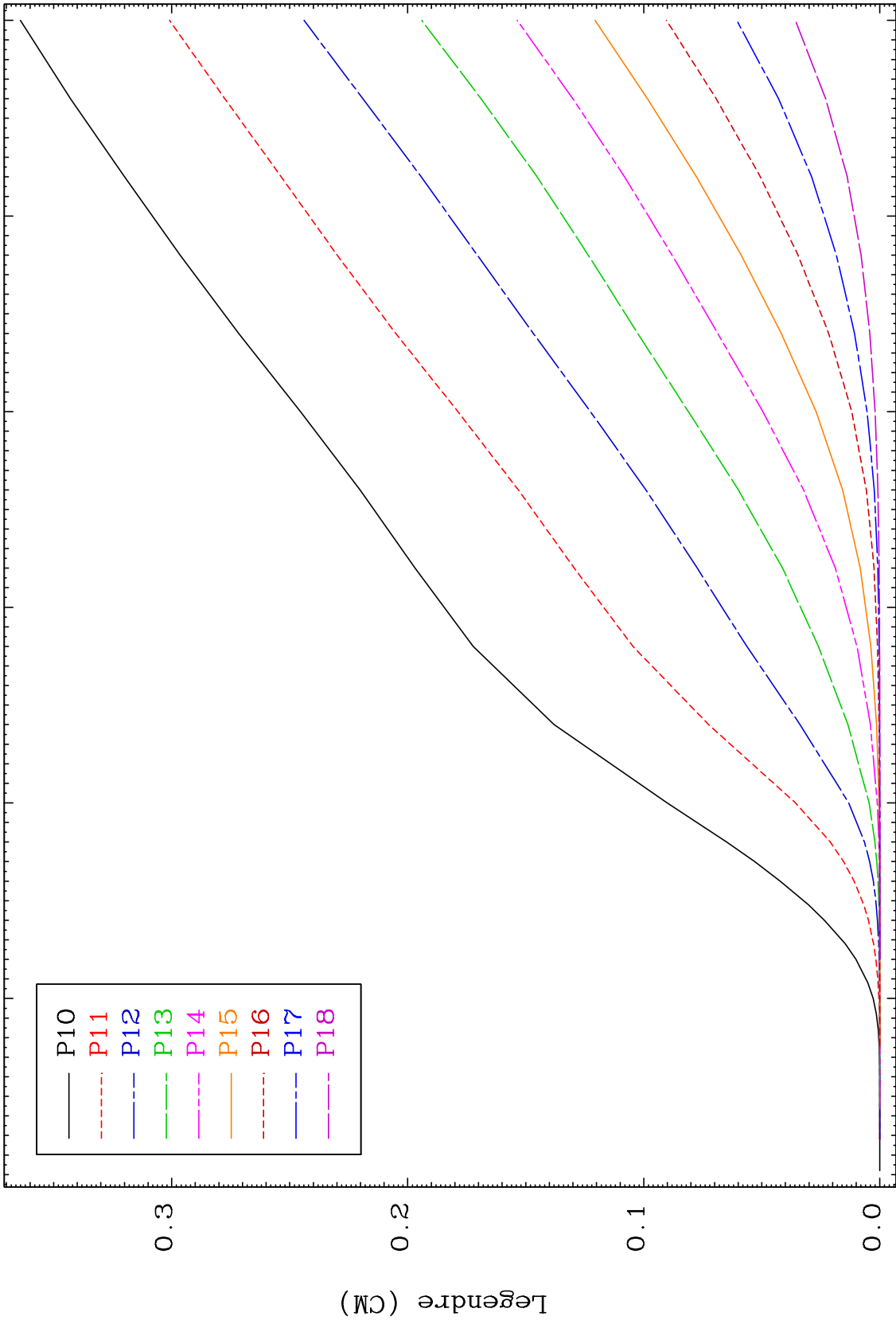




MAT 7268

Elastic Legendre Coefficients

<sup>73</sup>Ta-161



17

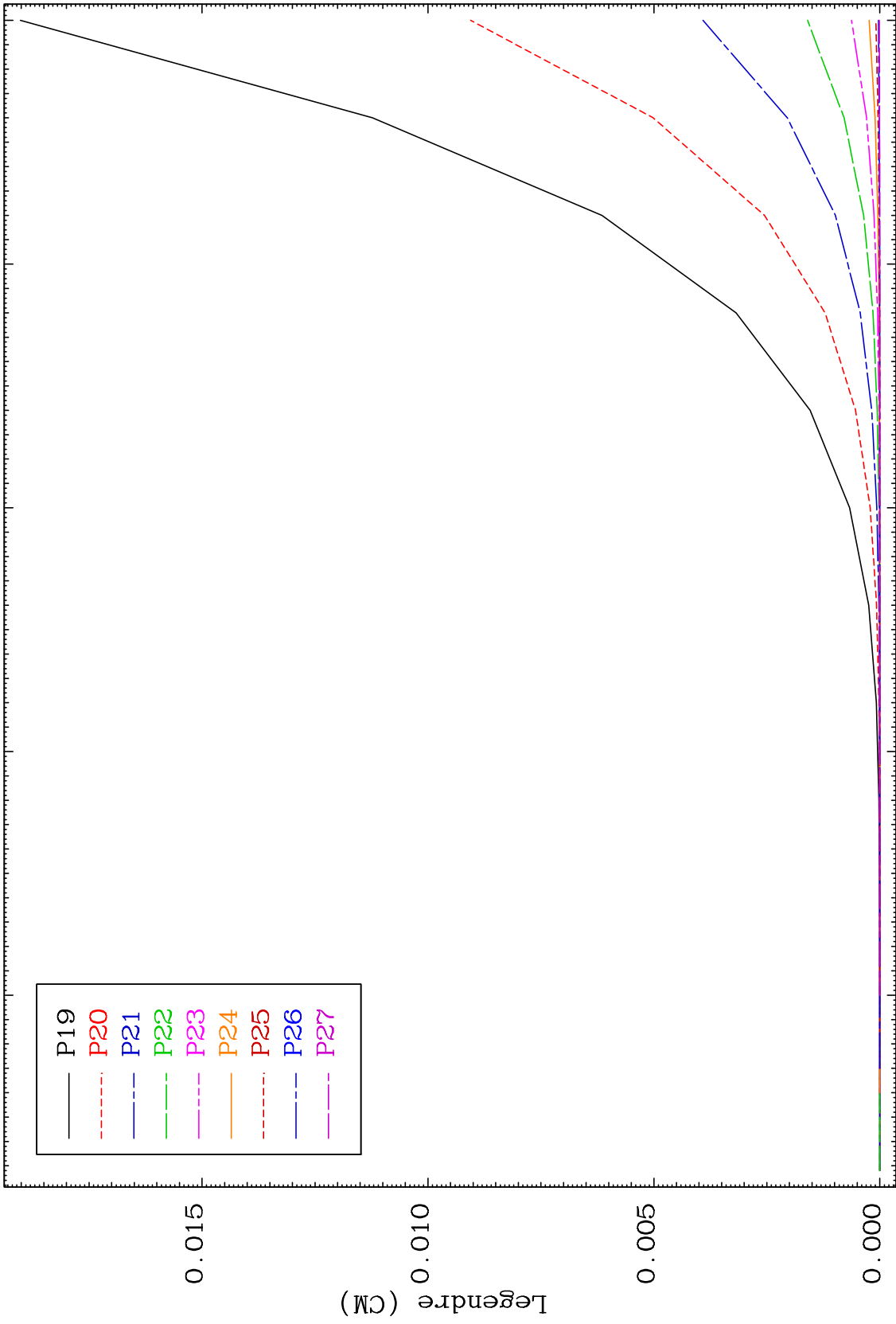
Incident Energy (MeV)

<sup>73</sup>Ta-161

MAT 7268

Elastic Legendre Coefficients

<sup>73</sup>Ta-161



18

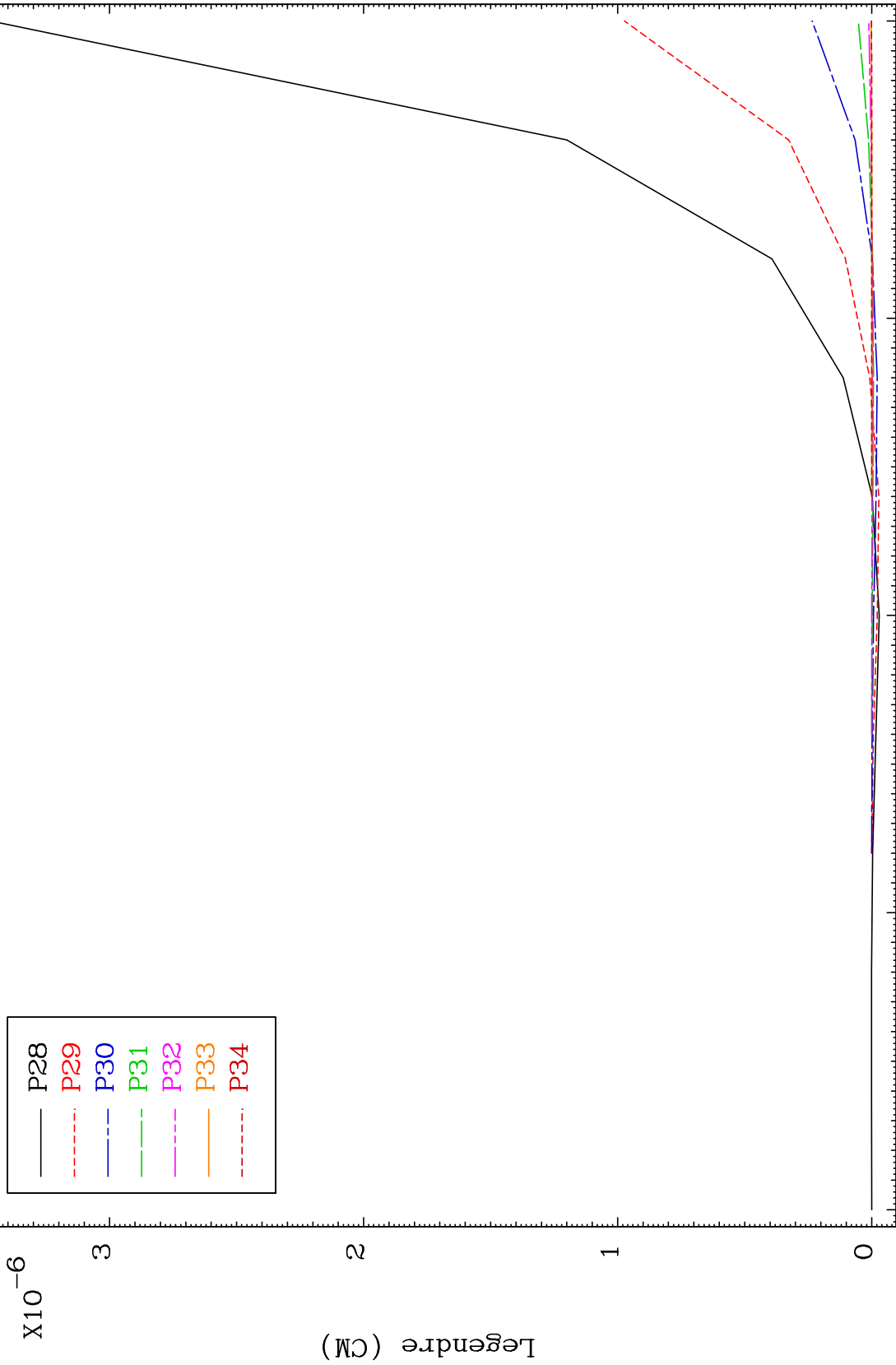
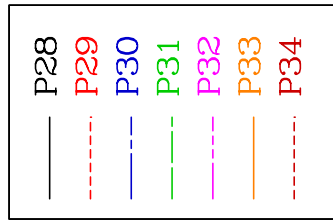
Incident Energy (MeV)

<sup>73</sup>Ta-161

MAT 7268

Elastic Legendre Coefficients

73-Ta-161

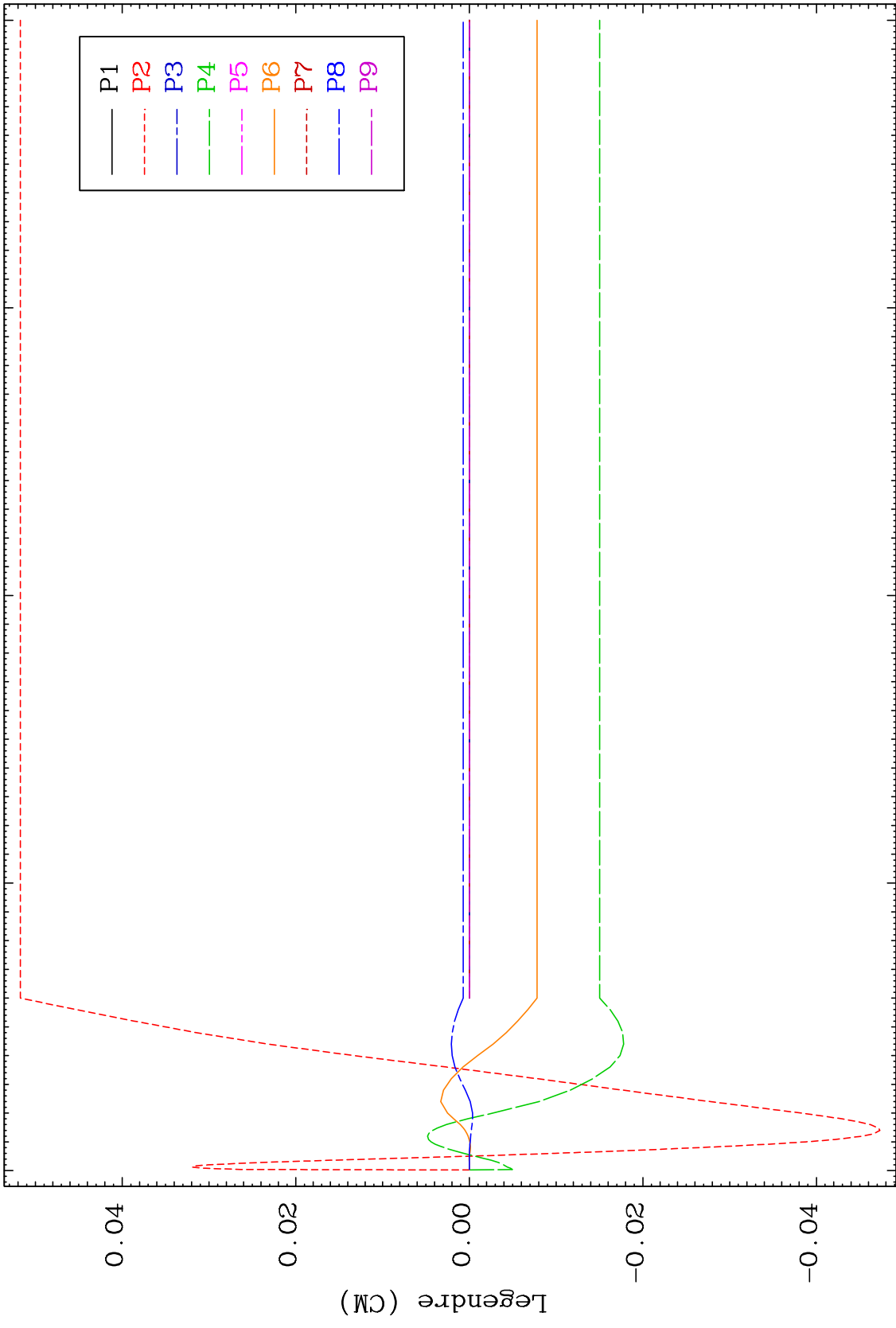


73-Ta-161

Incident Energy (MeV)

19

MAT 7268 MT= 51 (n,n') Level Legendre Coefficients 73-Ta-161

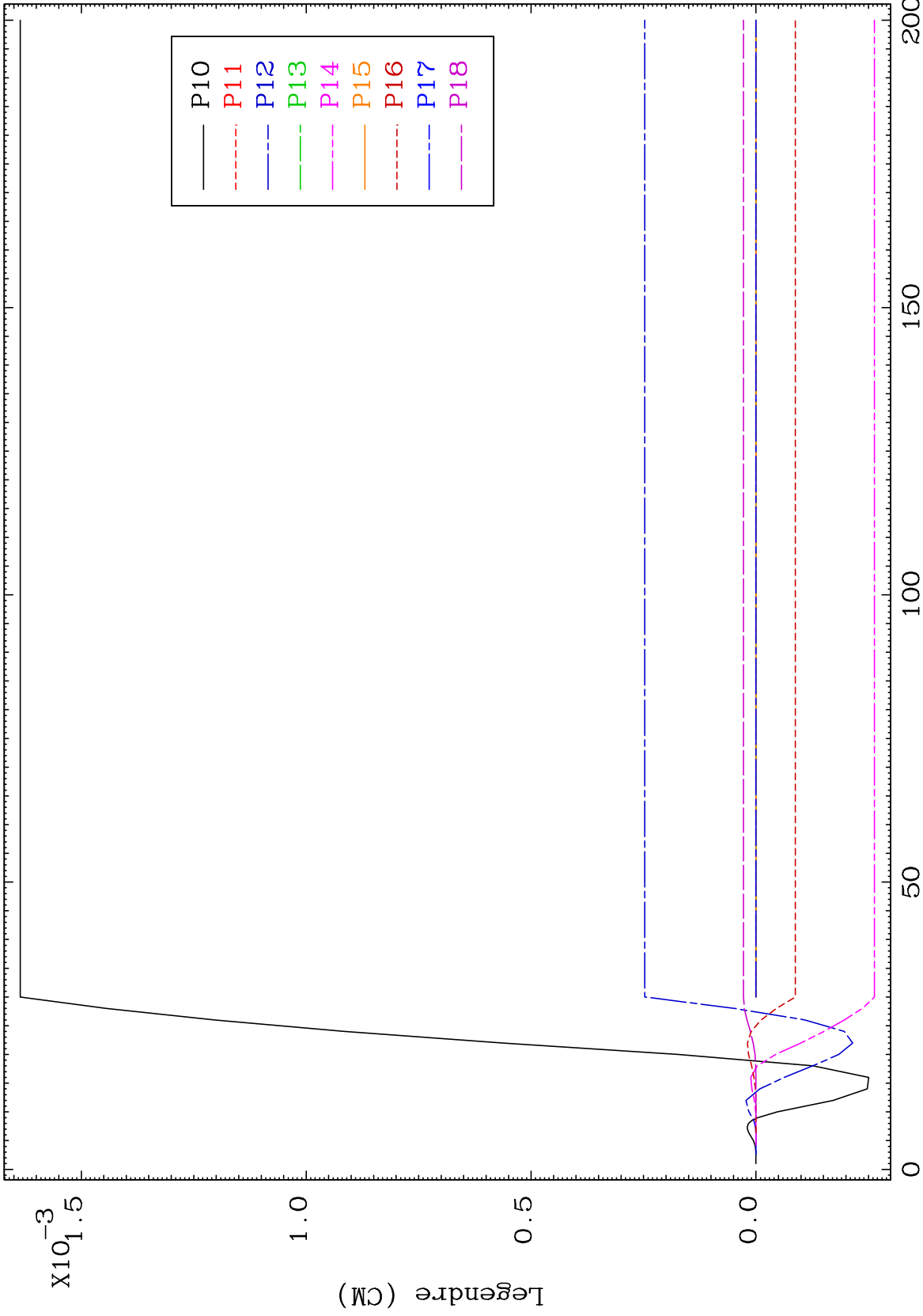


73-Ta-161

MAT 7268

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

73-Ta-161



21

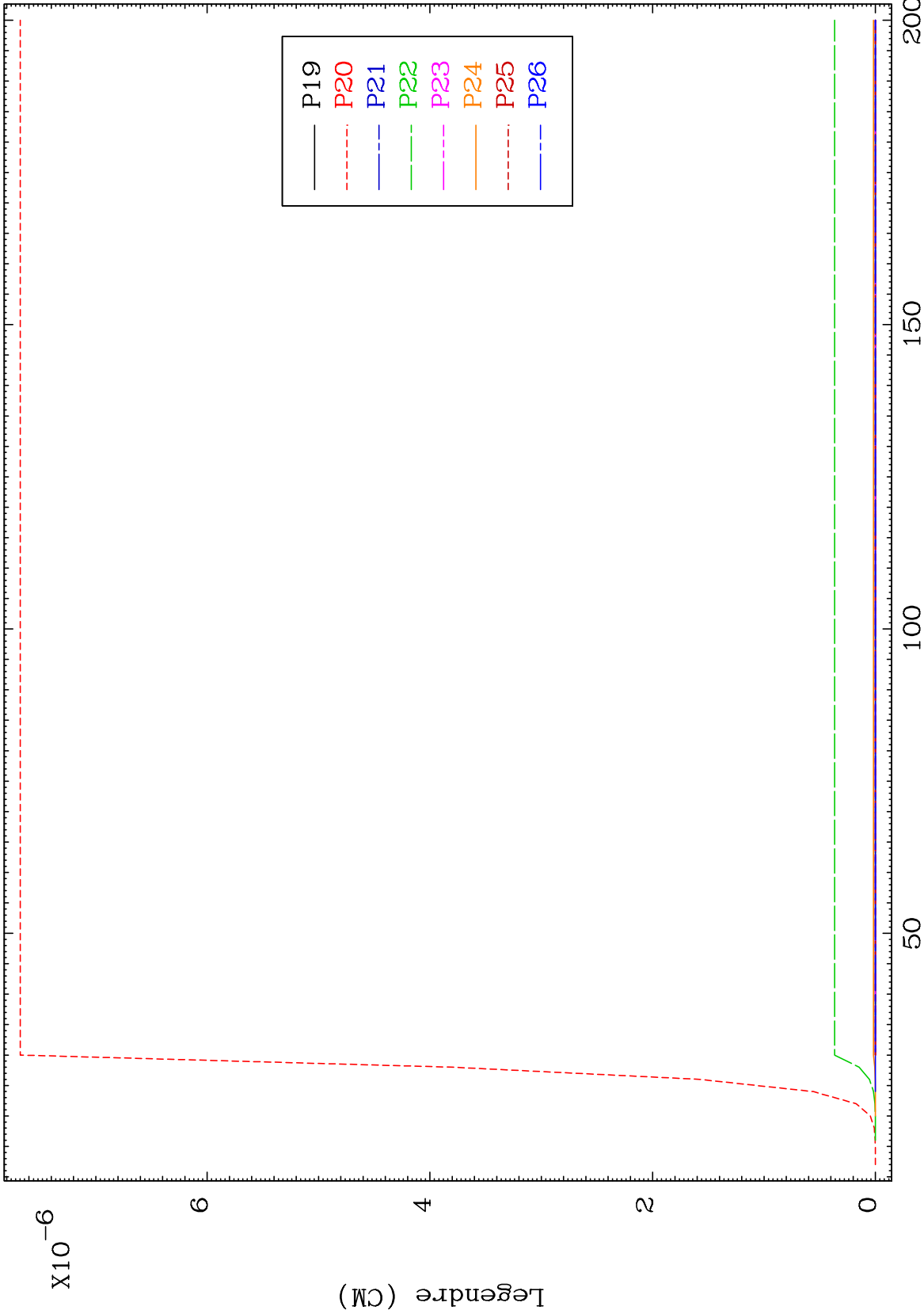
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



22

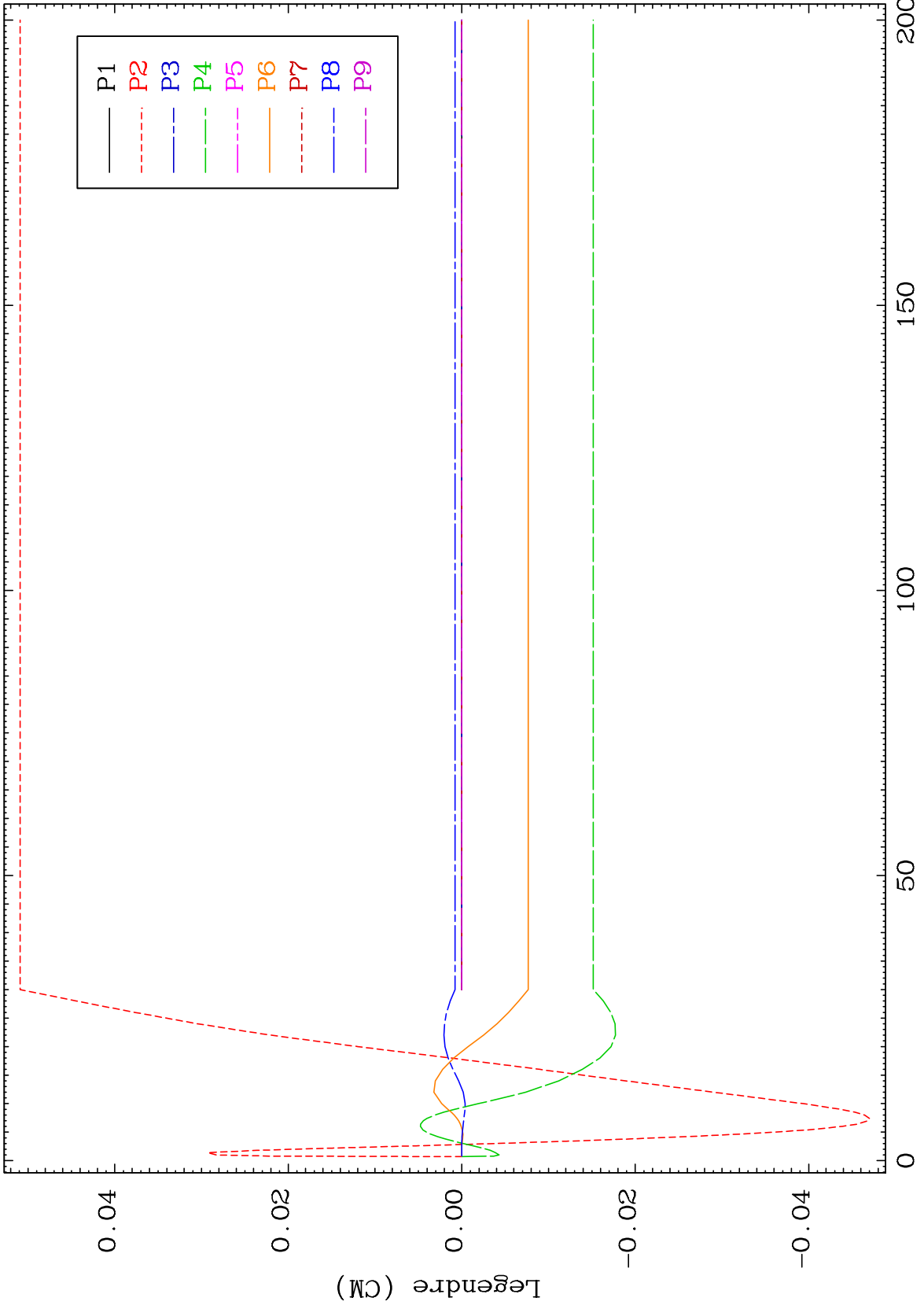
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



23

Incident Energy (MeV)

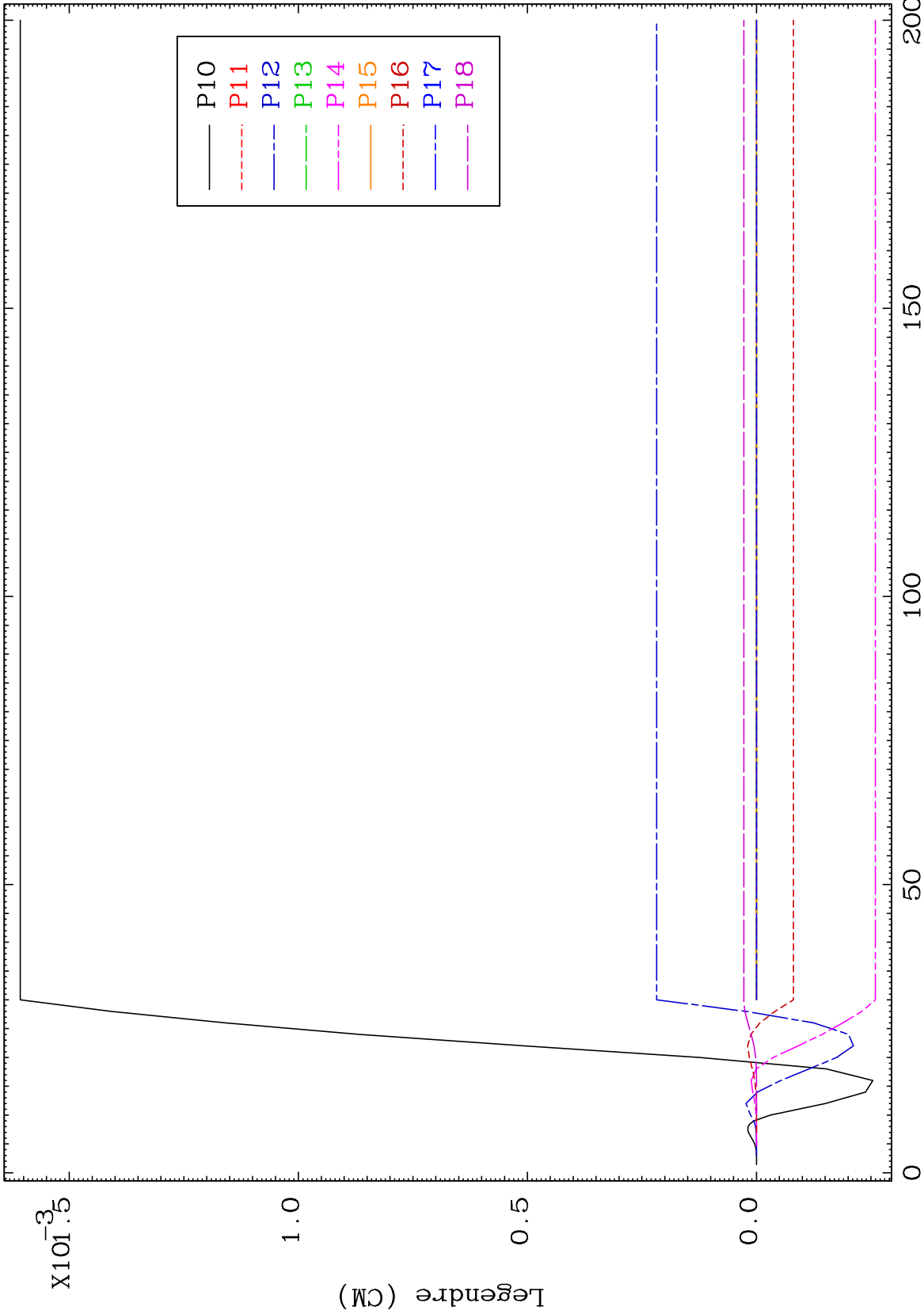
73-Ta-161



MAT 7268

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

73-Ta-161



24

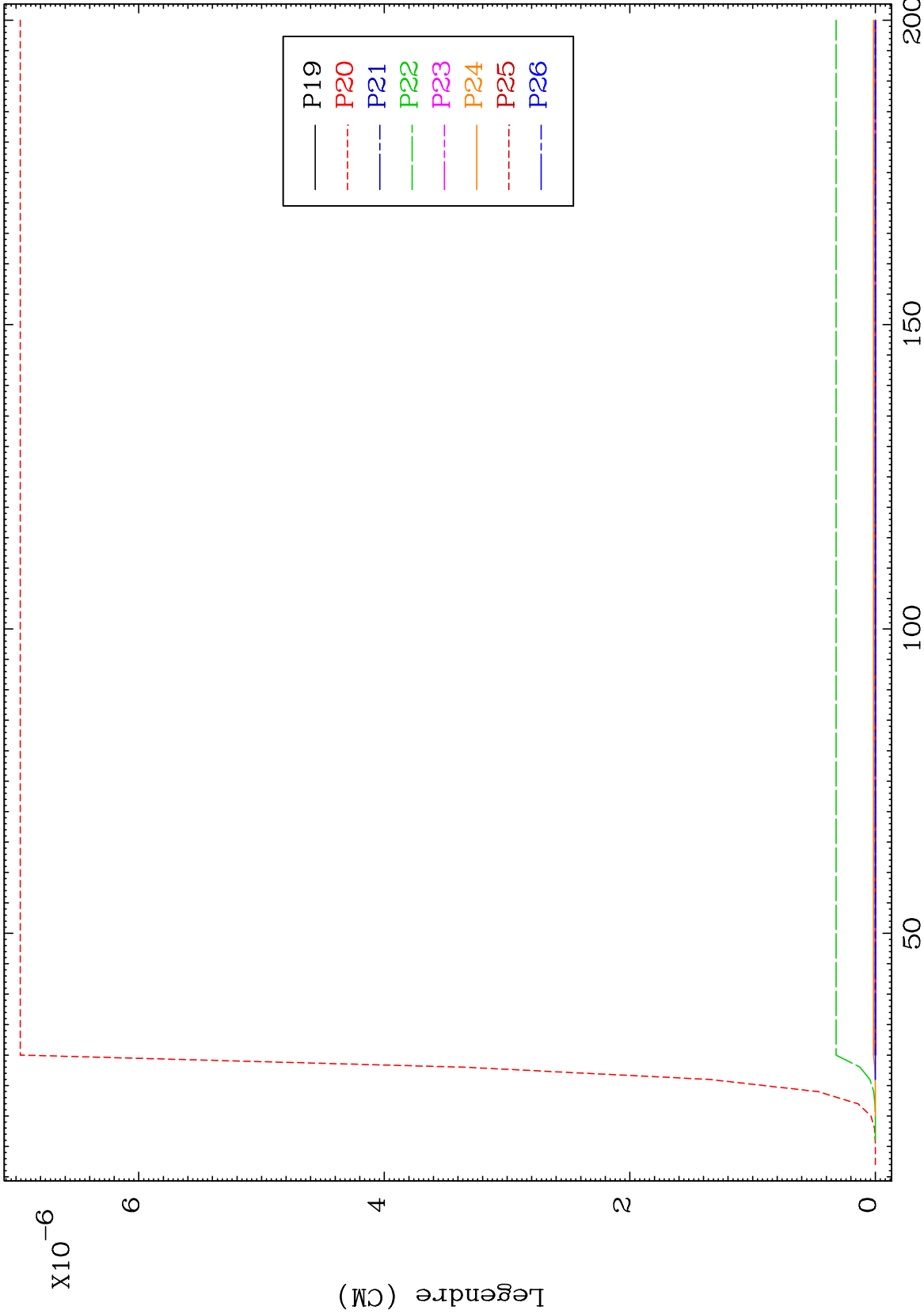
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

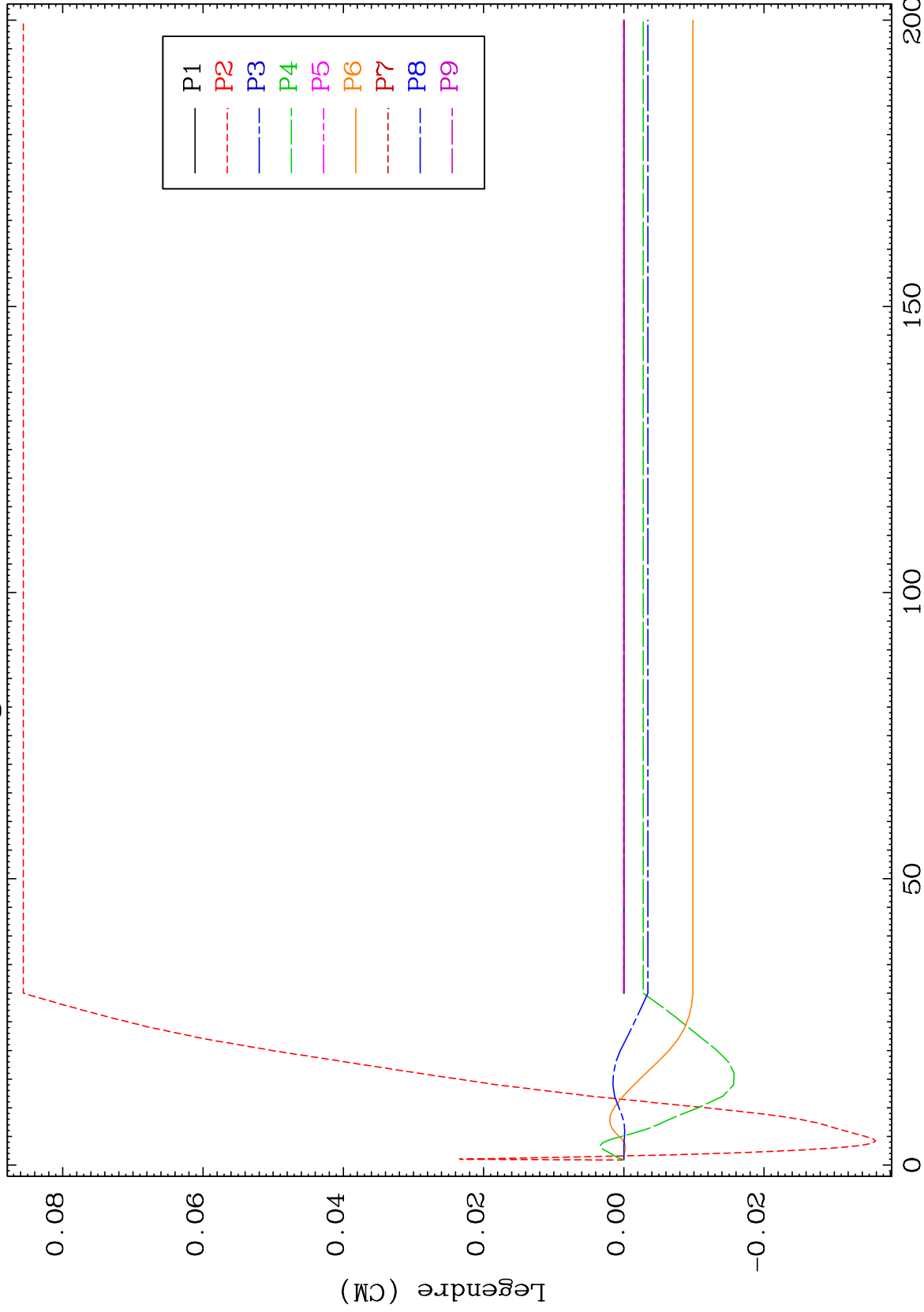
73-Ta-161



MAT 7268

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

73-Ta-161



26

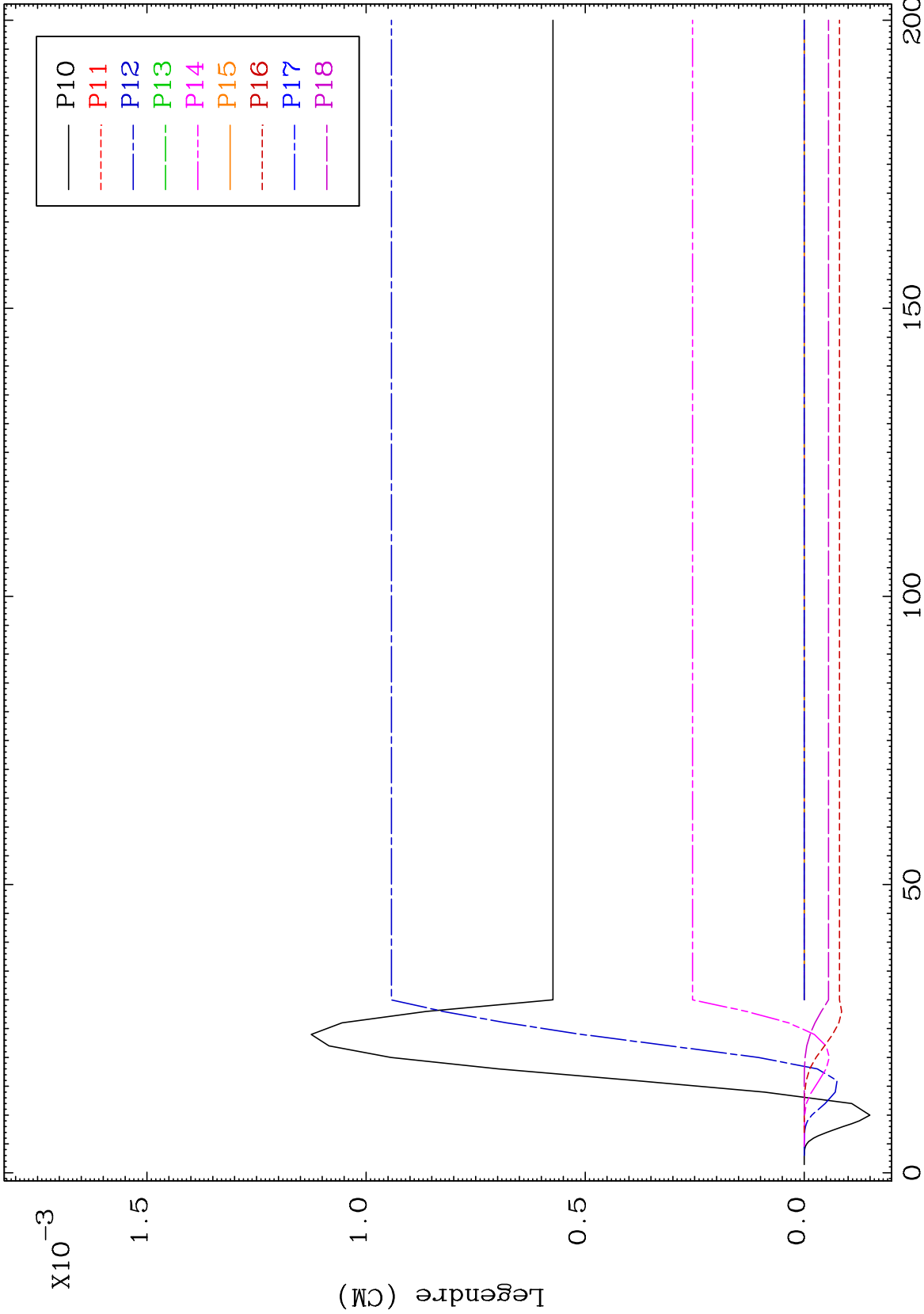
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



27

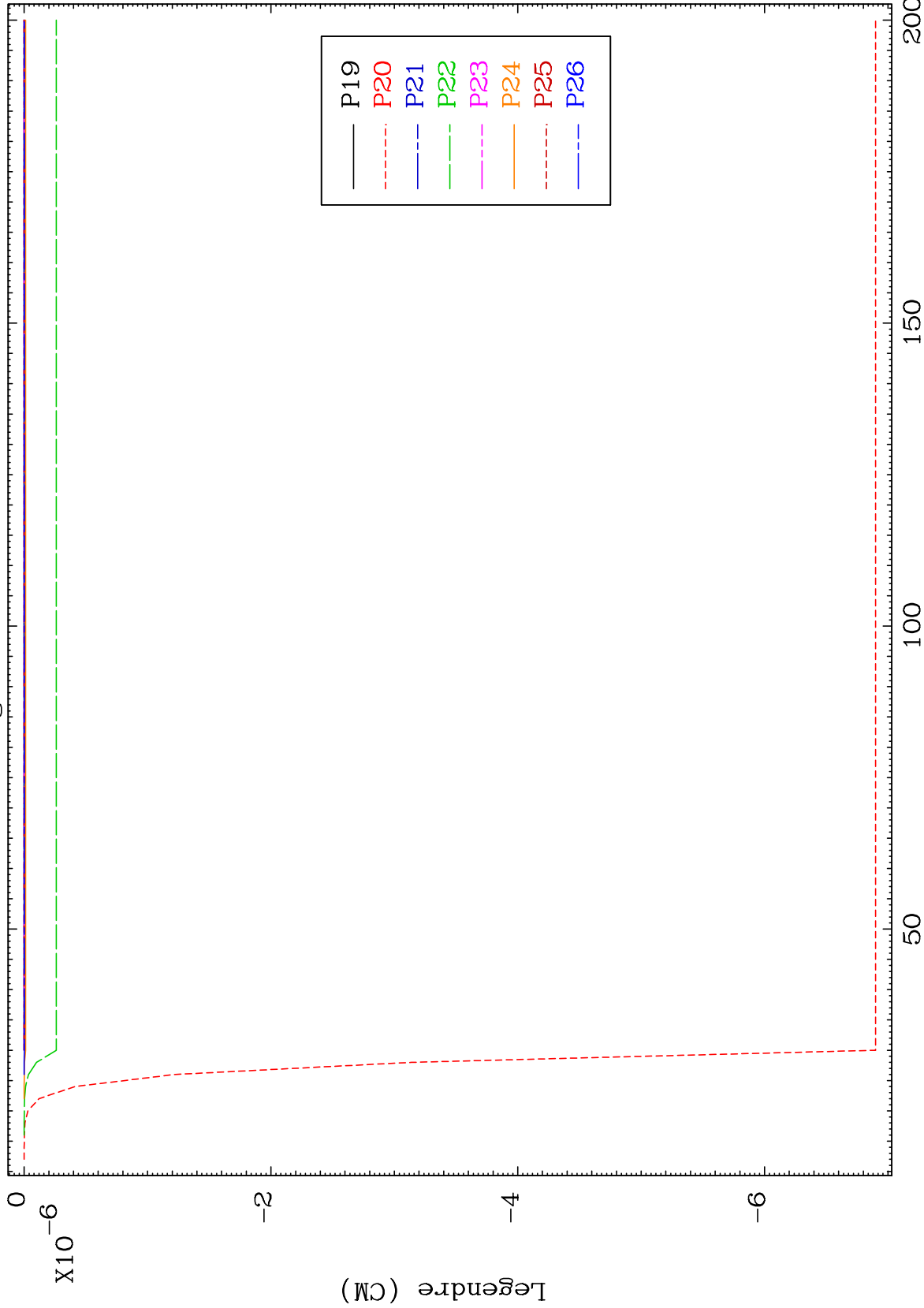
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



28

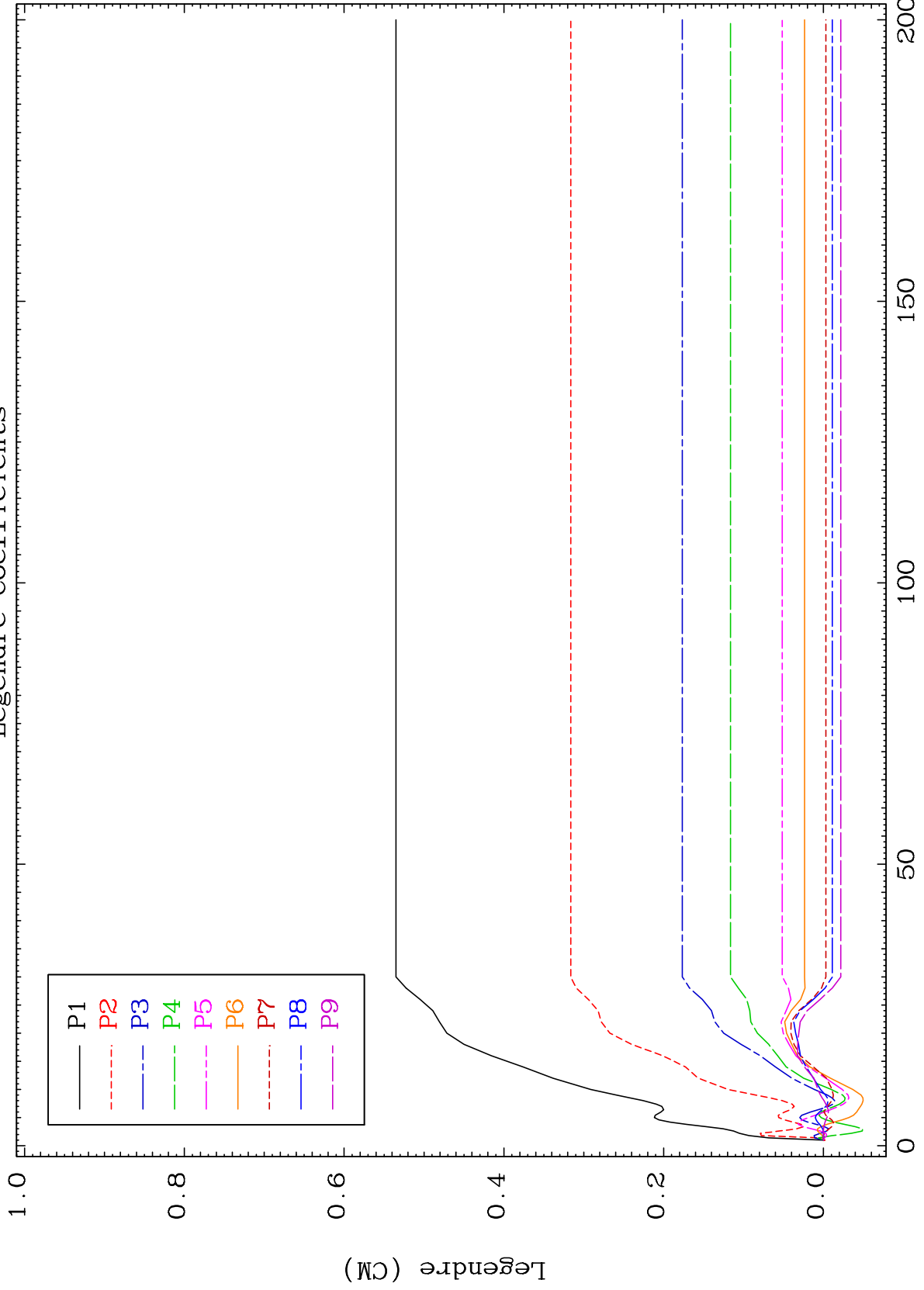
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

<sup>73</sup>Ta-161



29

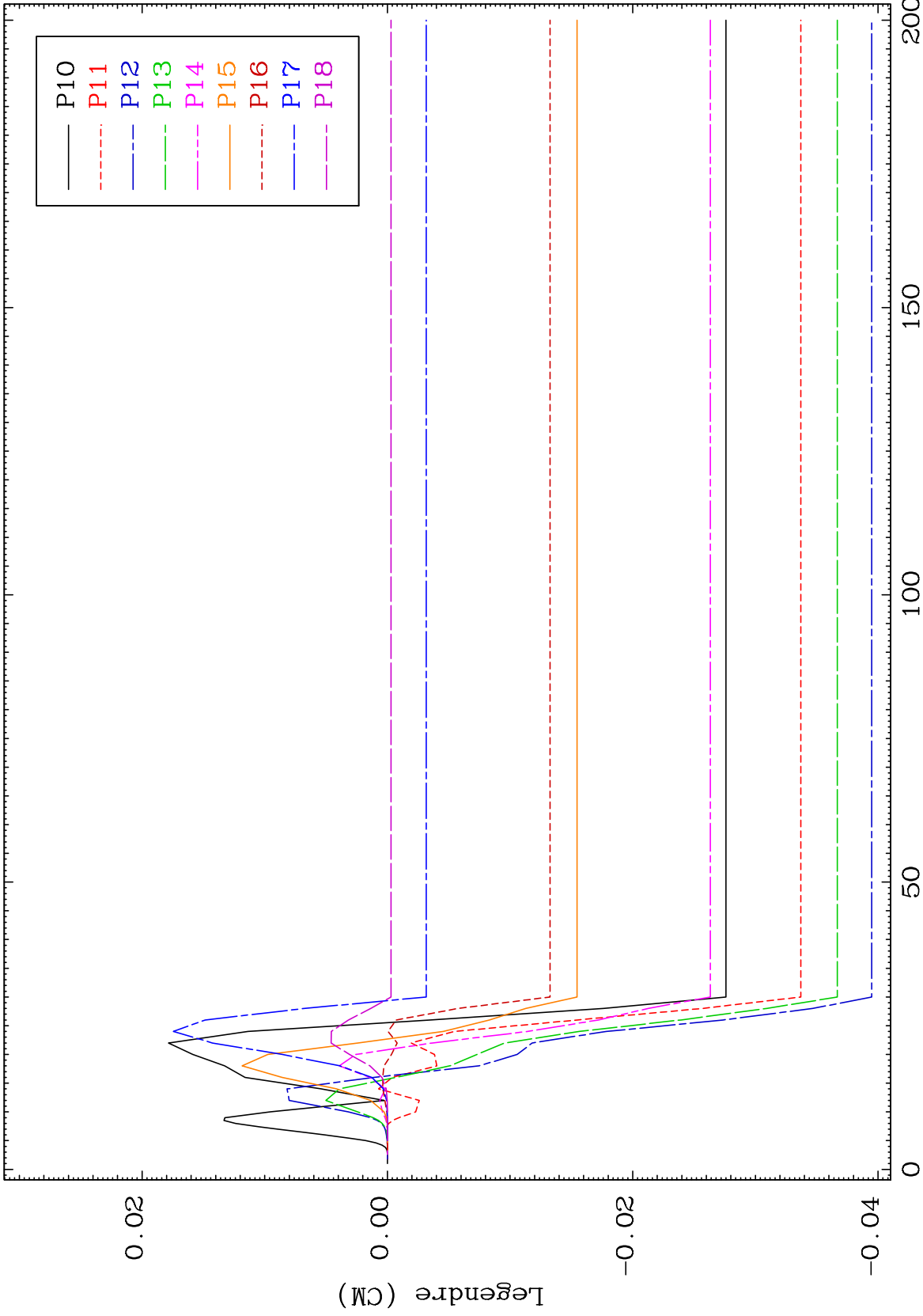
Incident Energy (MeV)

<sup>73</sup>Ta-161

MAT 7268

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

73-Ta-161



30

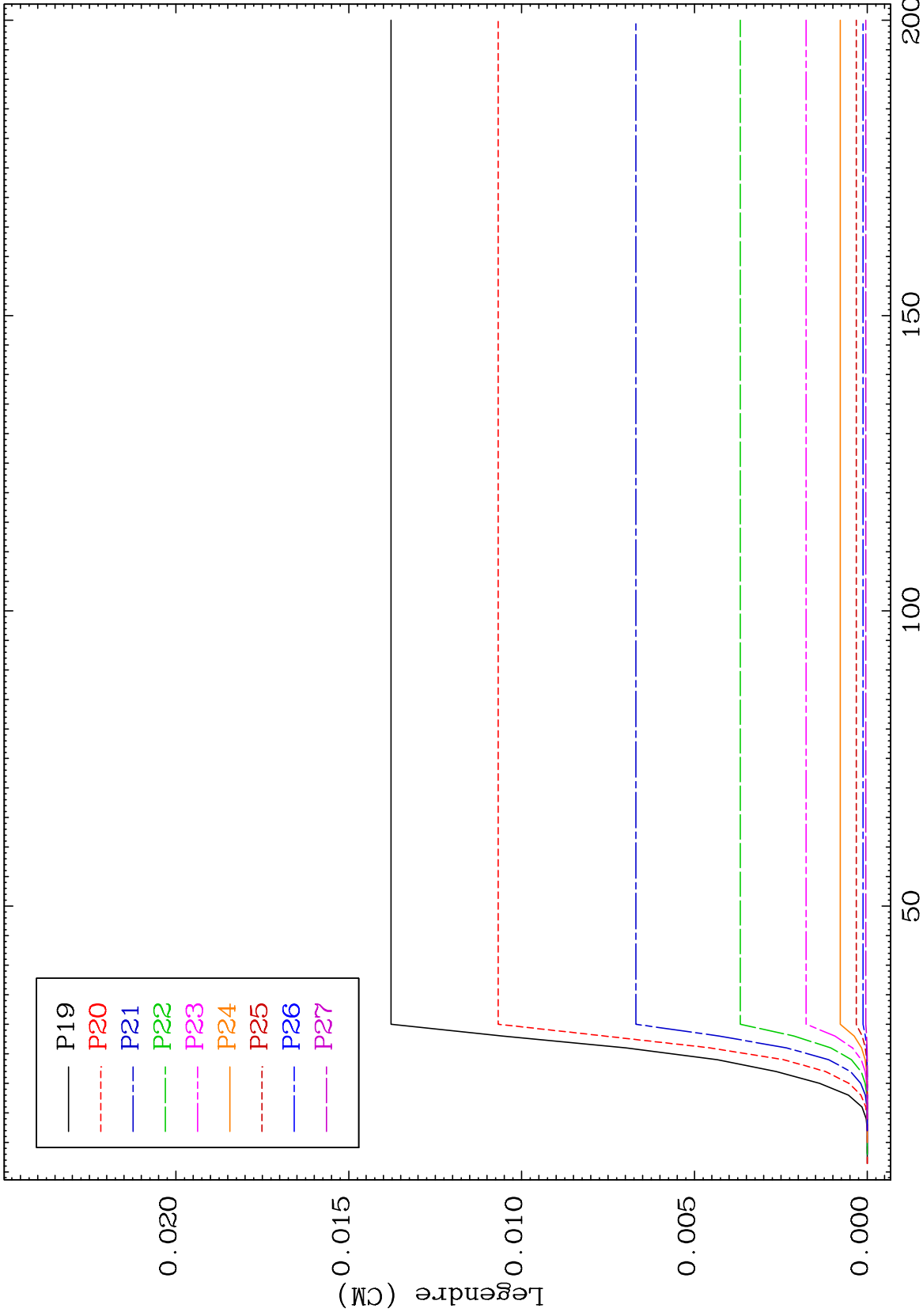
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



31

Incident Energy (MeV)

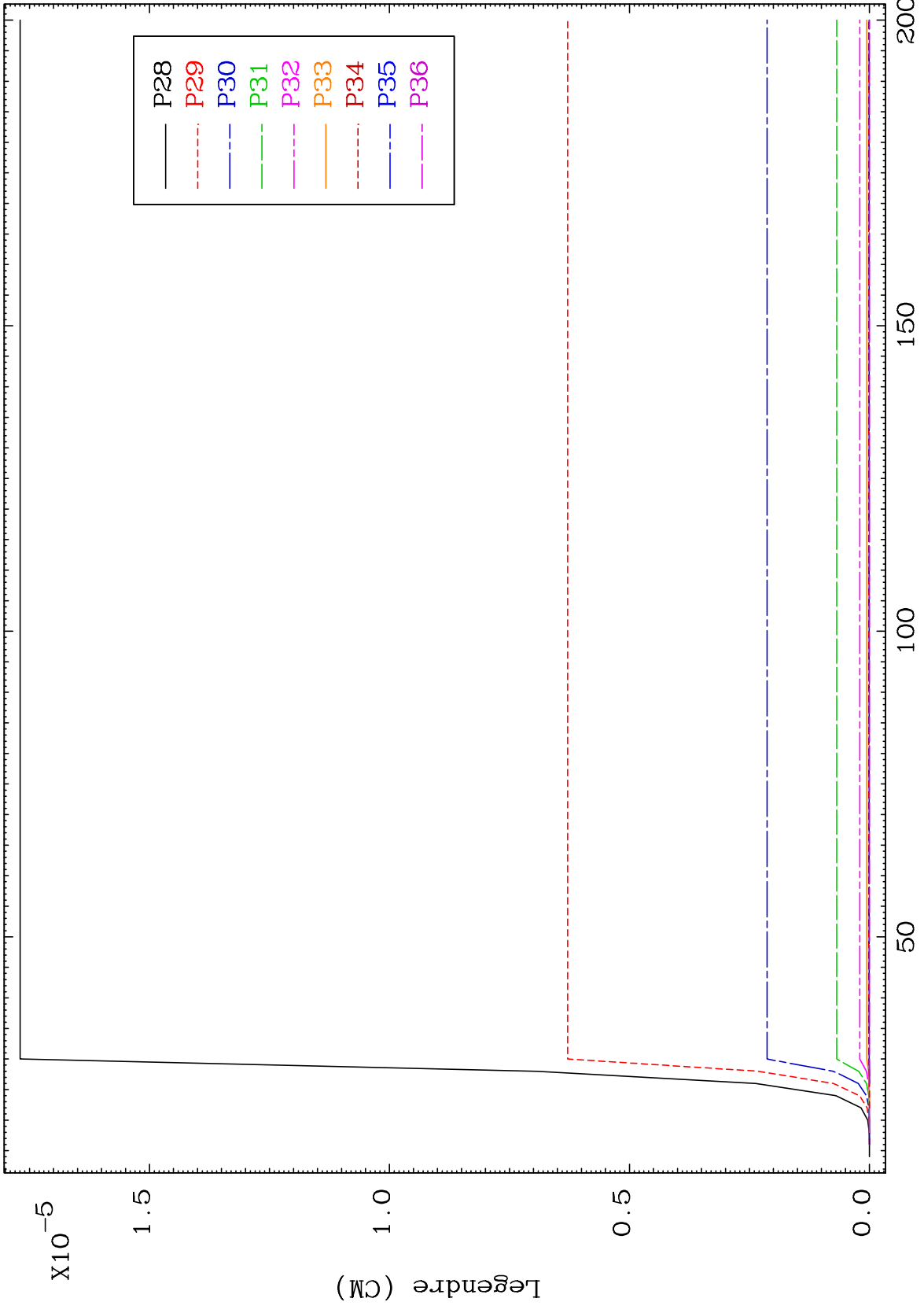
73-Ta-161



MAT 7268

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

73-Ta-161



32

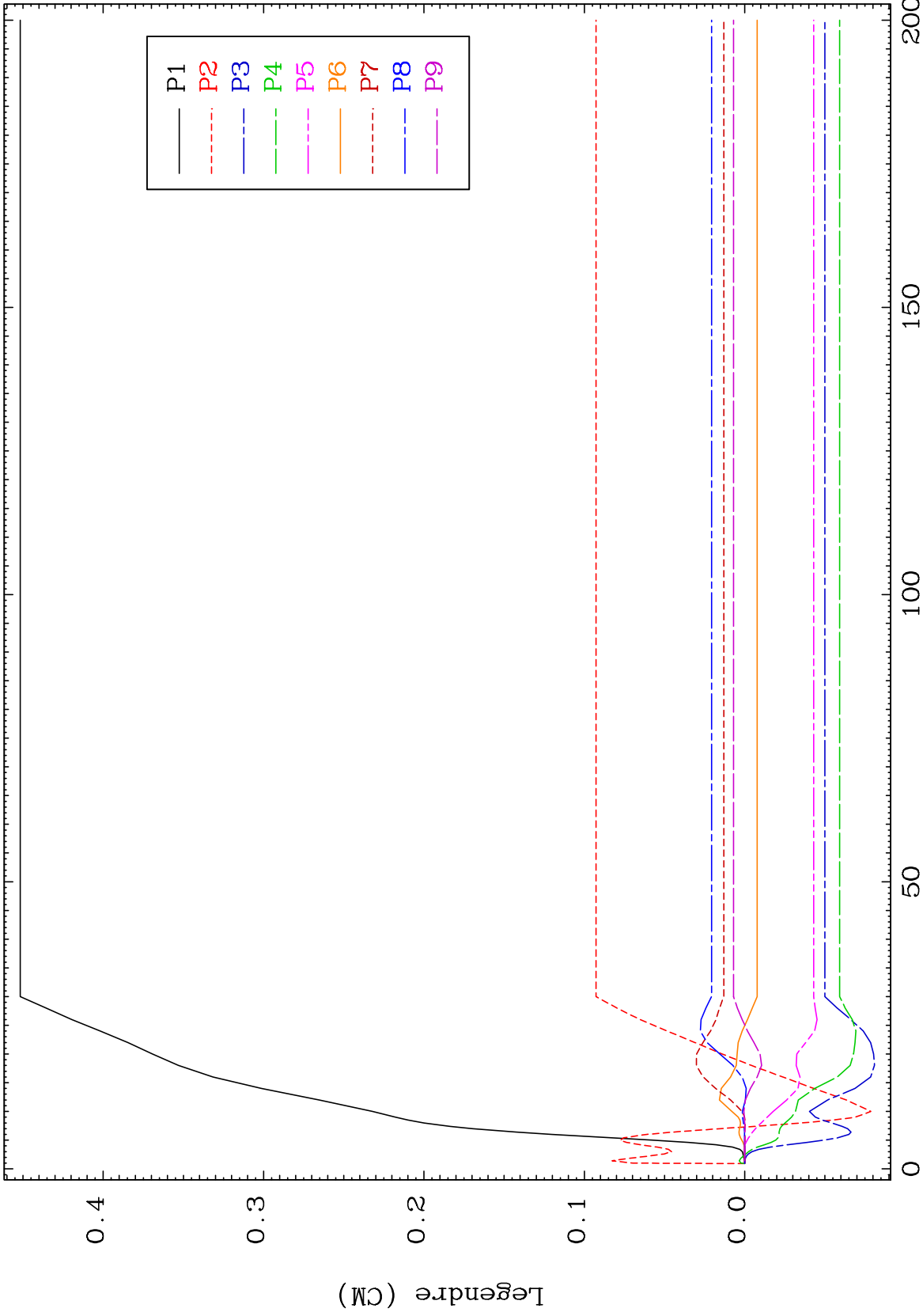
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

<sup>73</sup>Ta-161



33

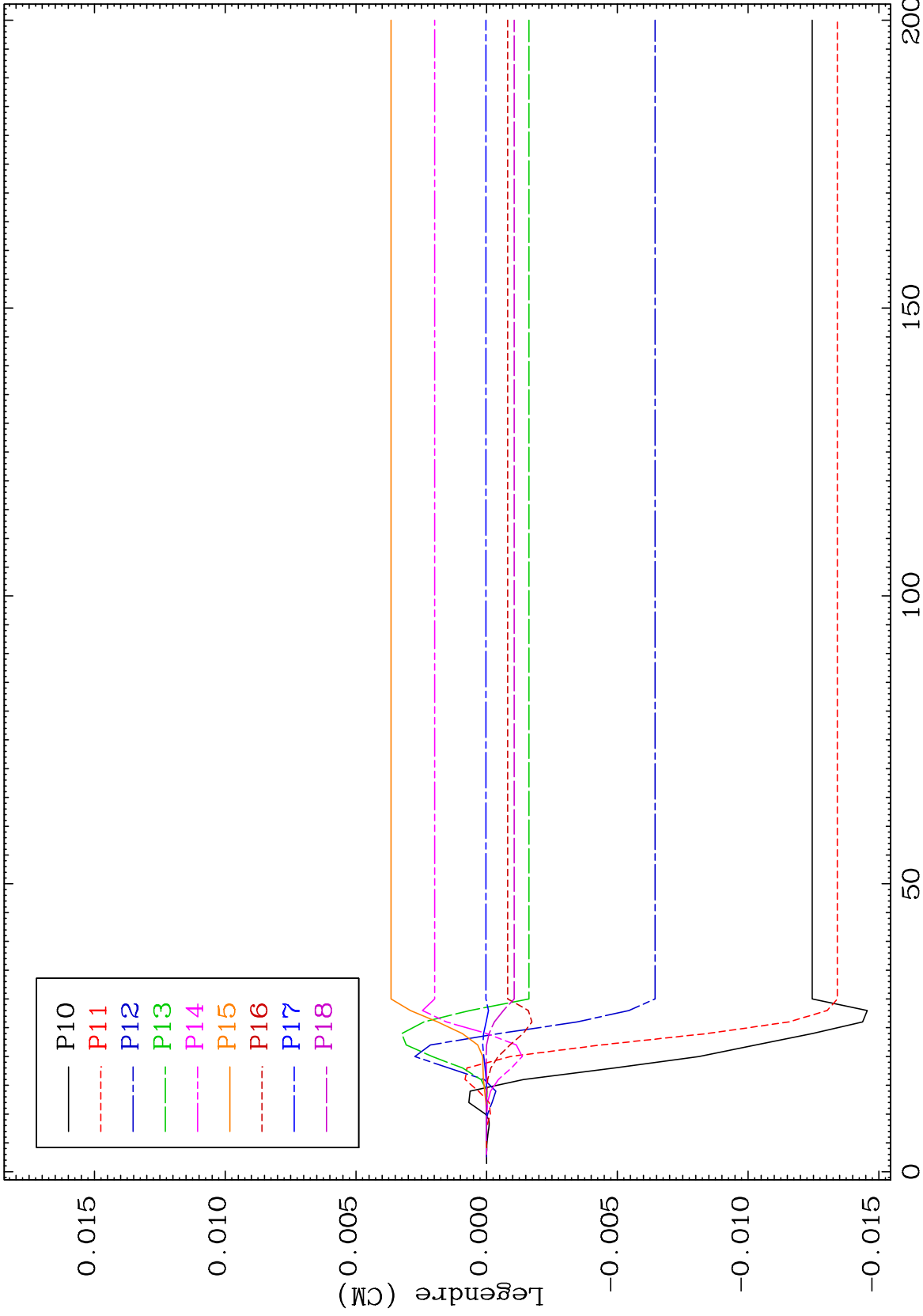
Incident Energy (MeV)

<sup>73</sup>Ta-161

MAT 7268

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

73-Ta-161



34

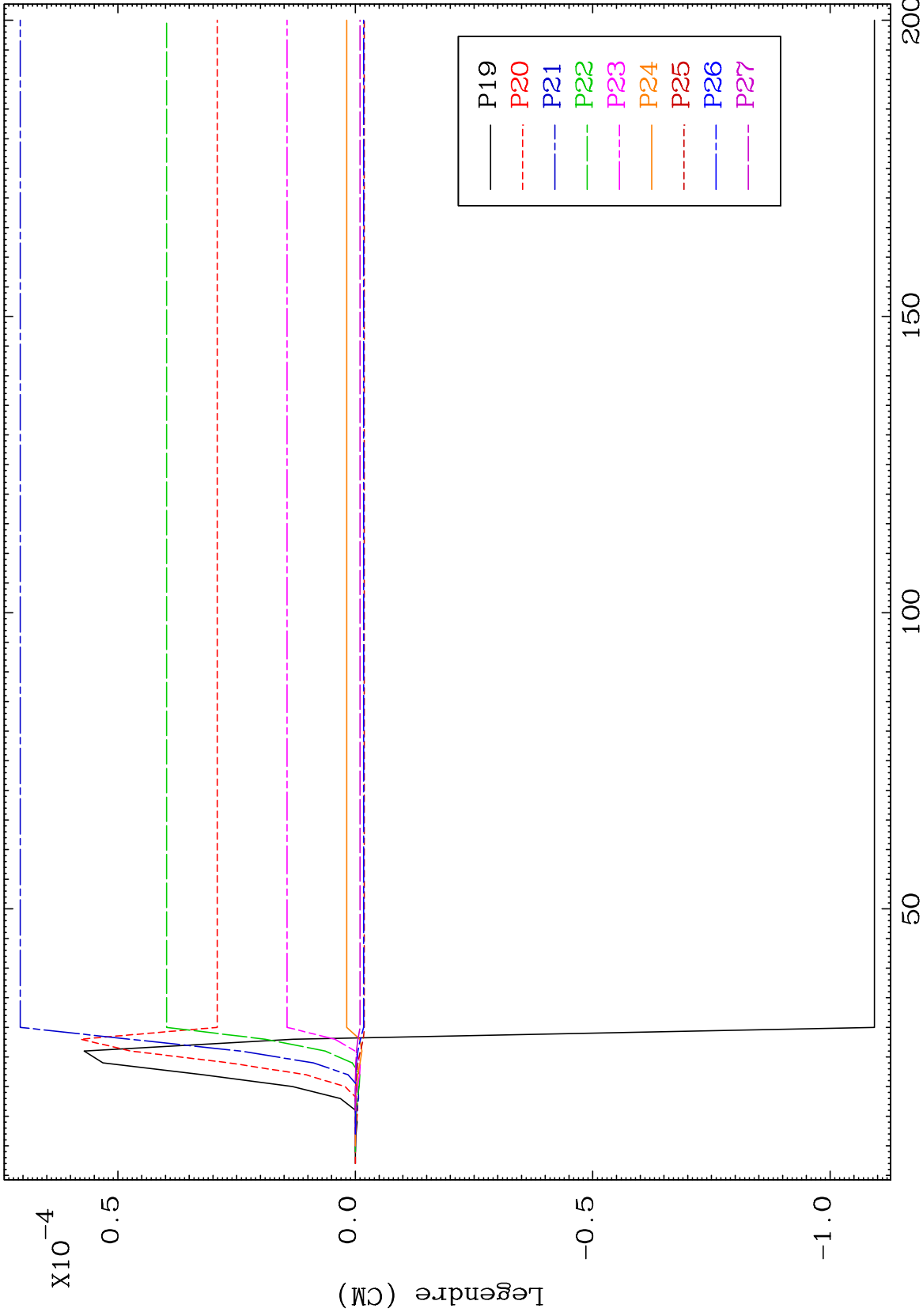
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161

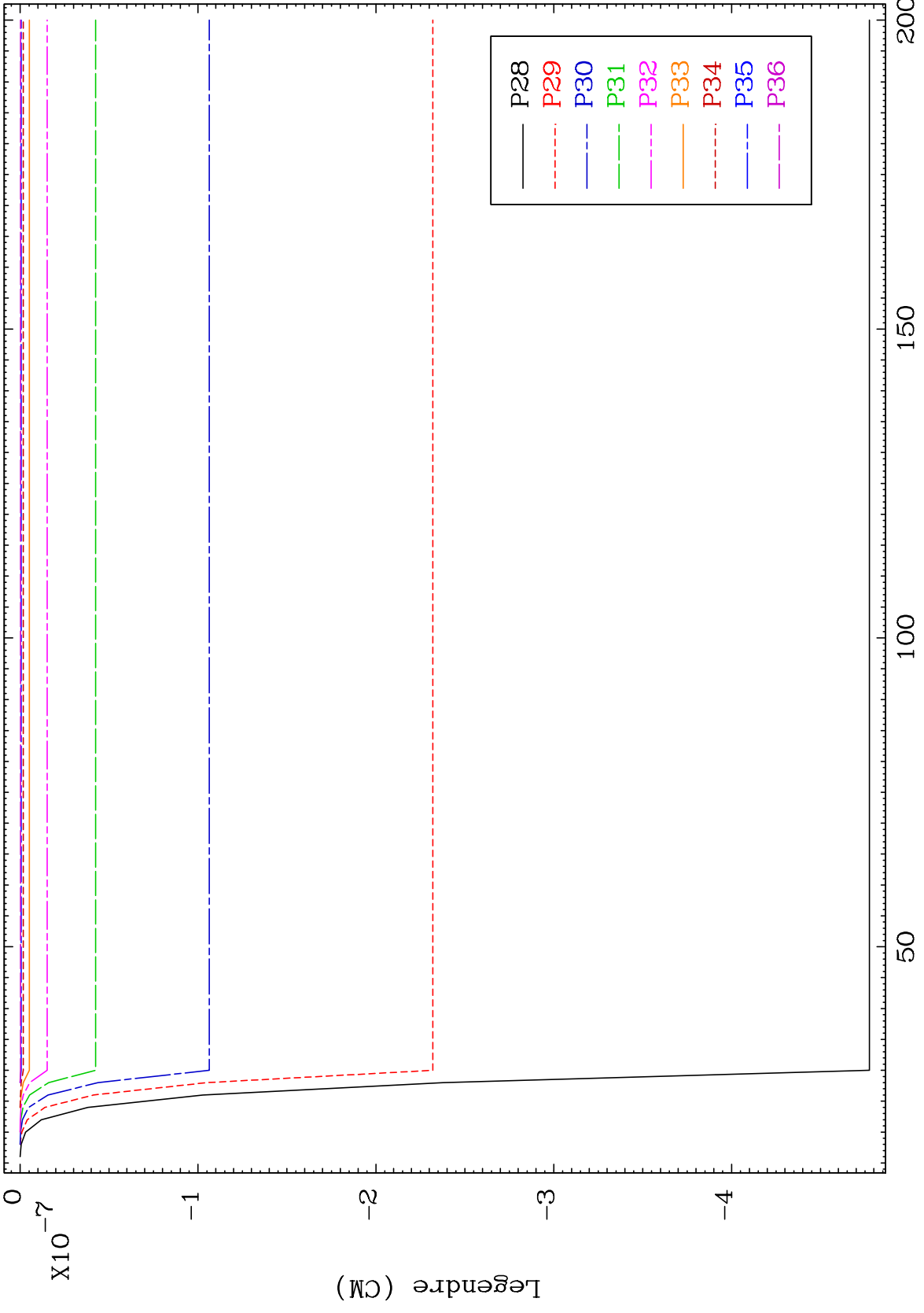


35

Incident Energy (MeV)

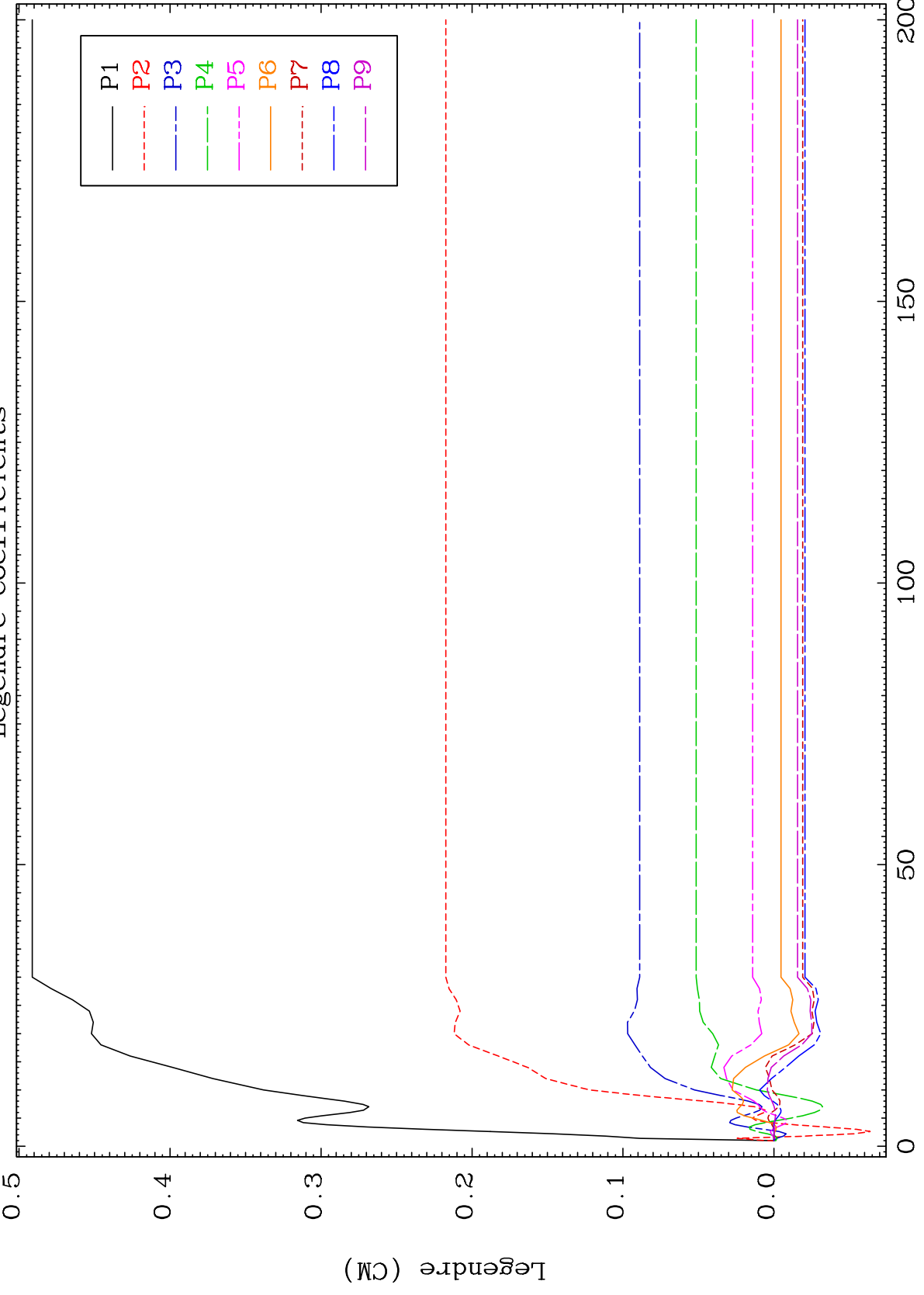
73-Ta-161

MAT 7268 MT= 55 (n,n') Level Legendre Coefficients 73-Ta-161



36 Incident Energy (MeV) 73-Ta-161

MAT 7268 MT= 56 (n,n') Level Legendre Coefficients 73-Ta-161

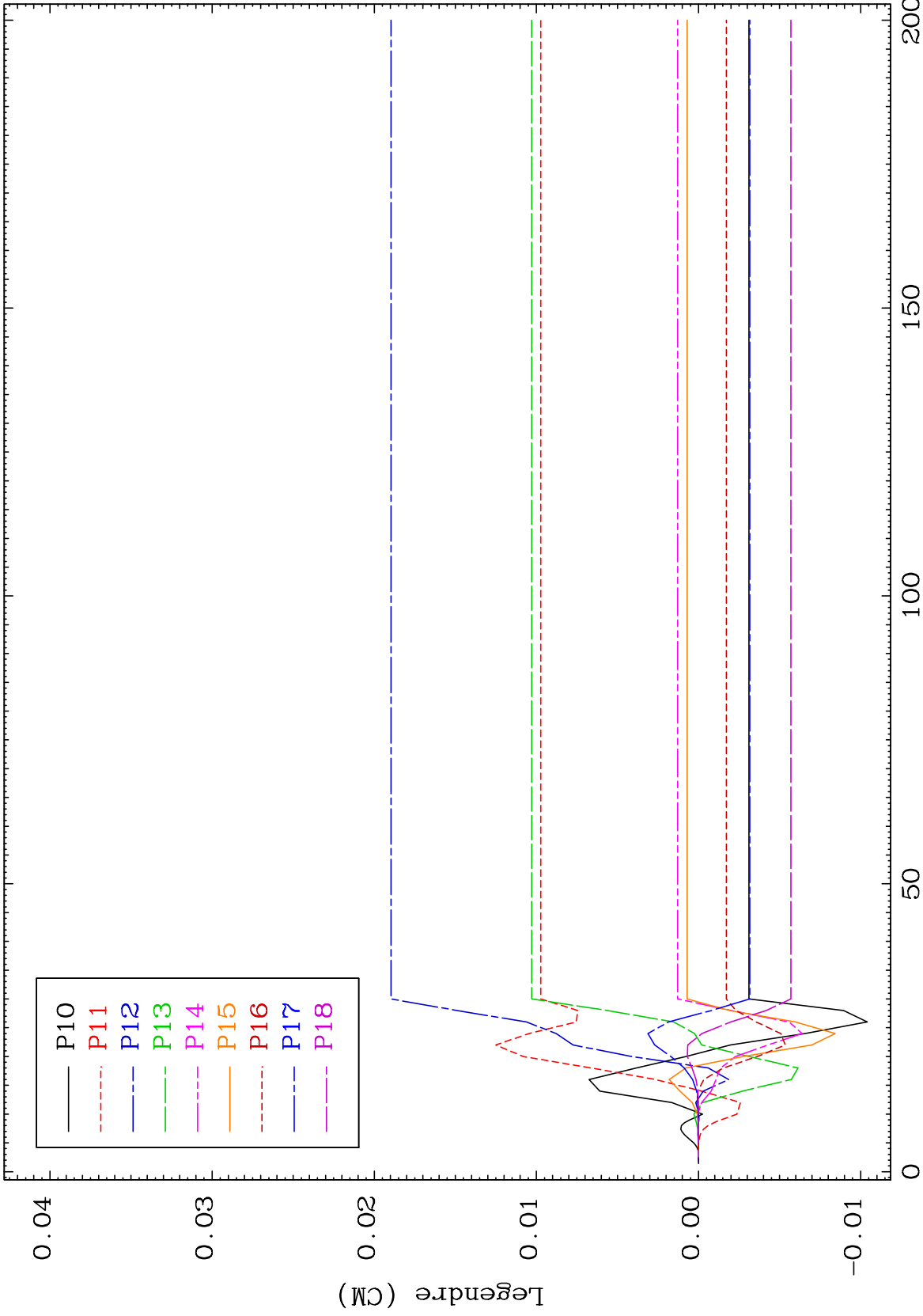


37 Incident Energy (MeV) 73-Ta-161

MAT 7268

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

73-Ta-161



38

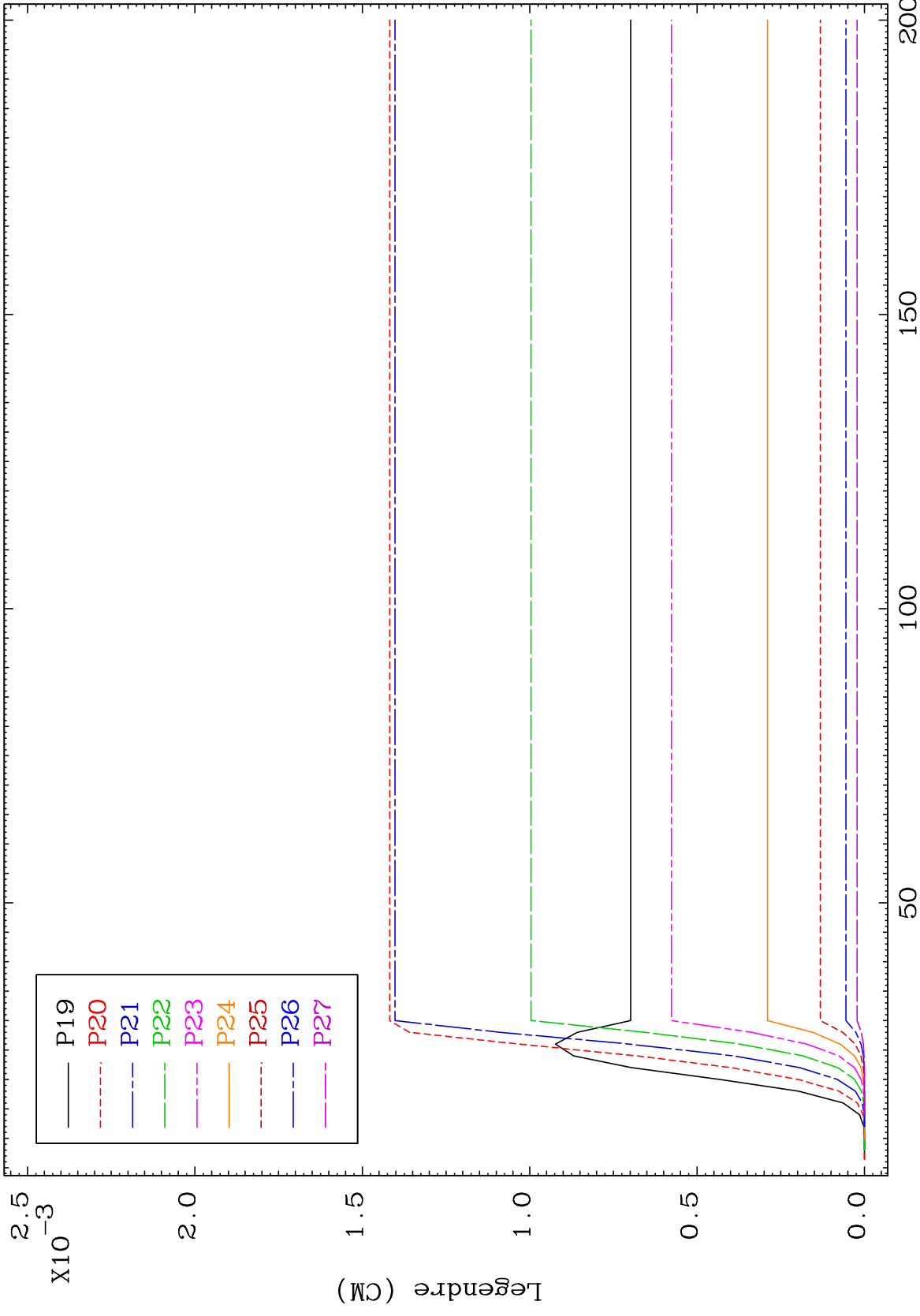
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



39

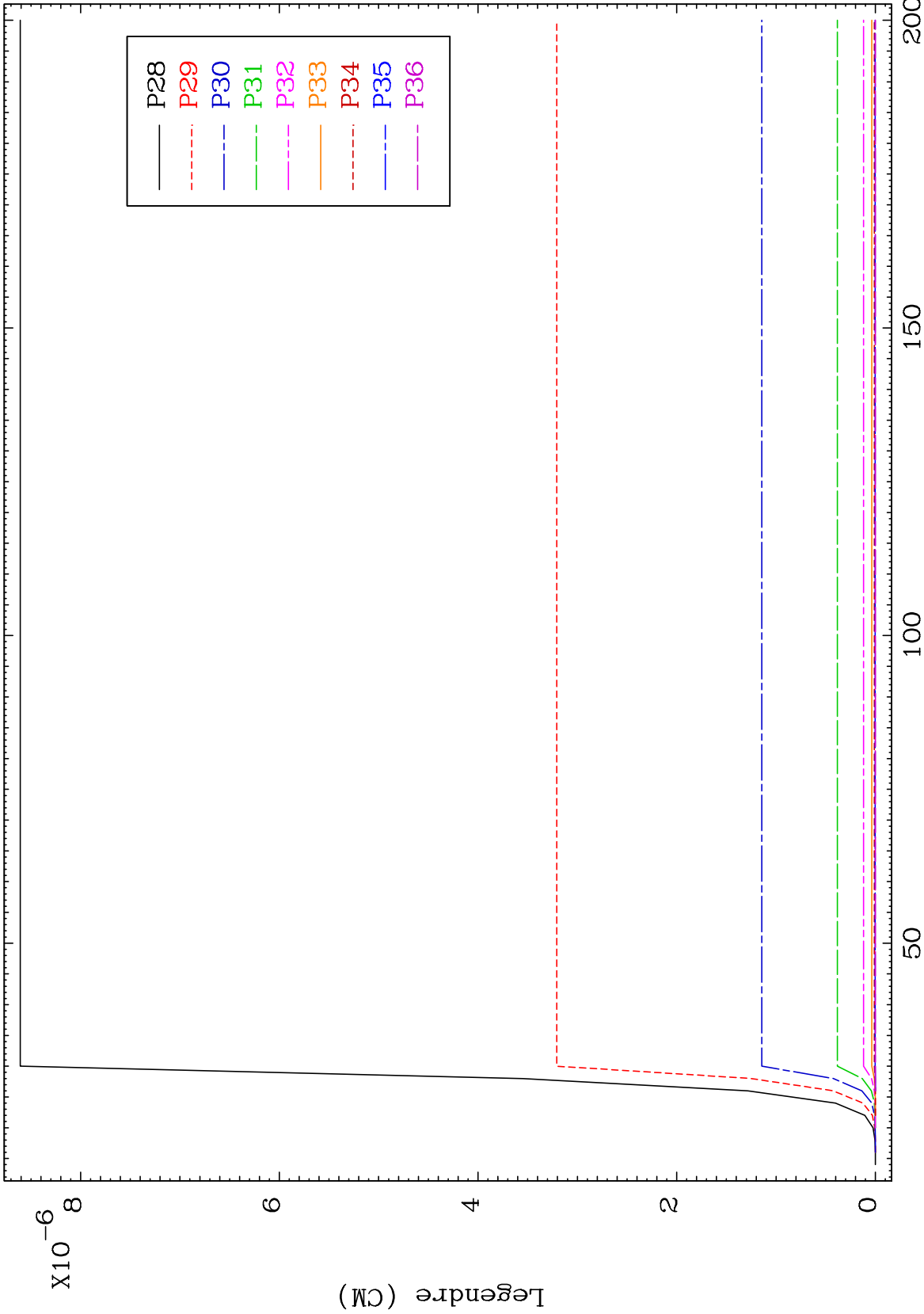
73-Ta-161



MAT 7268

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

73-Ta-161



40

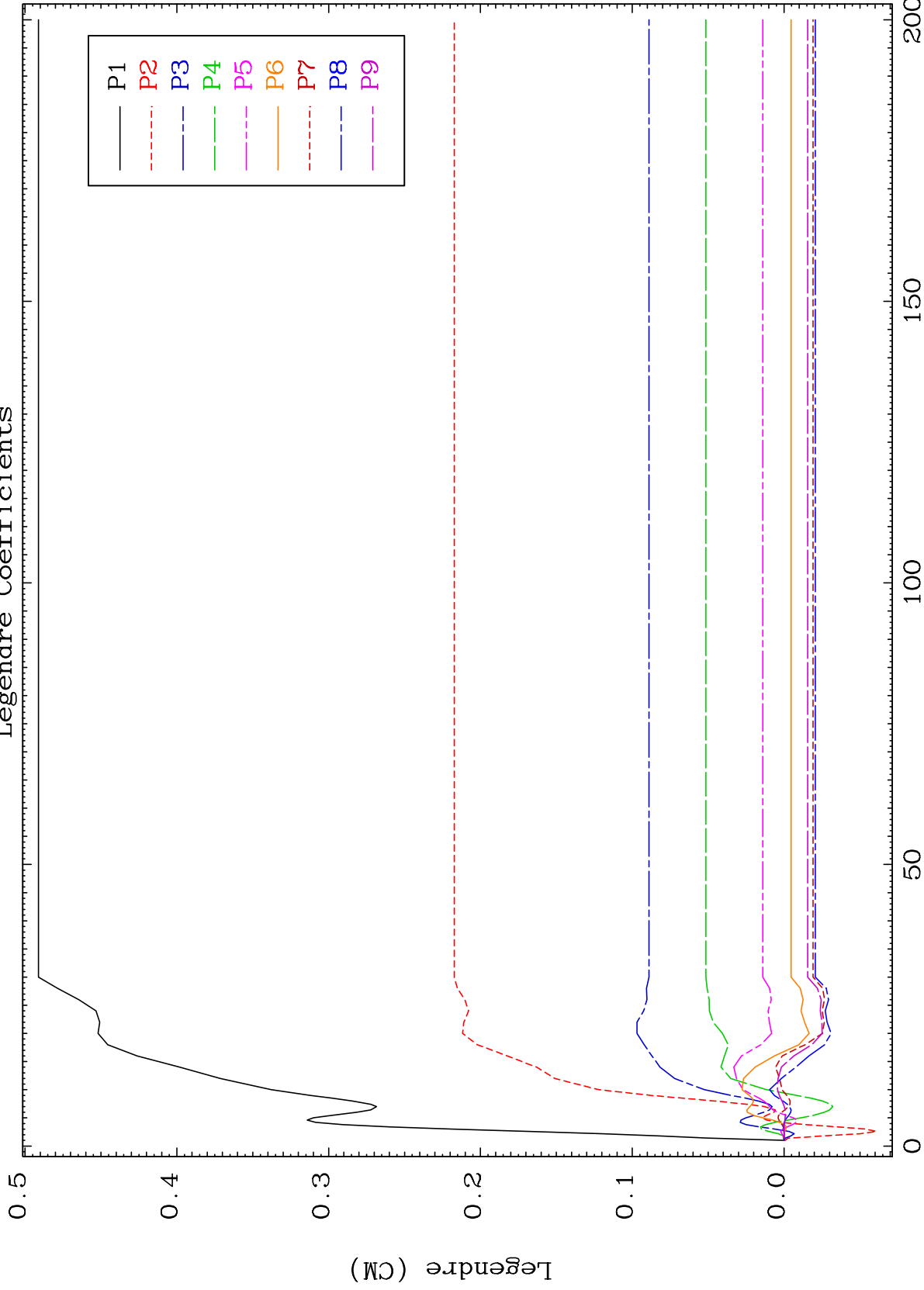
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



41

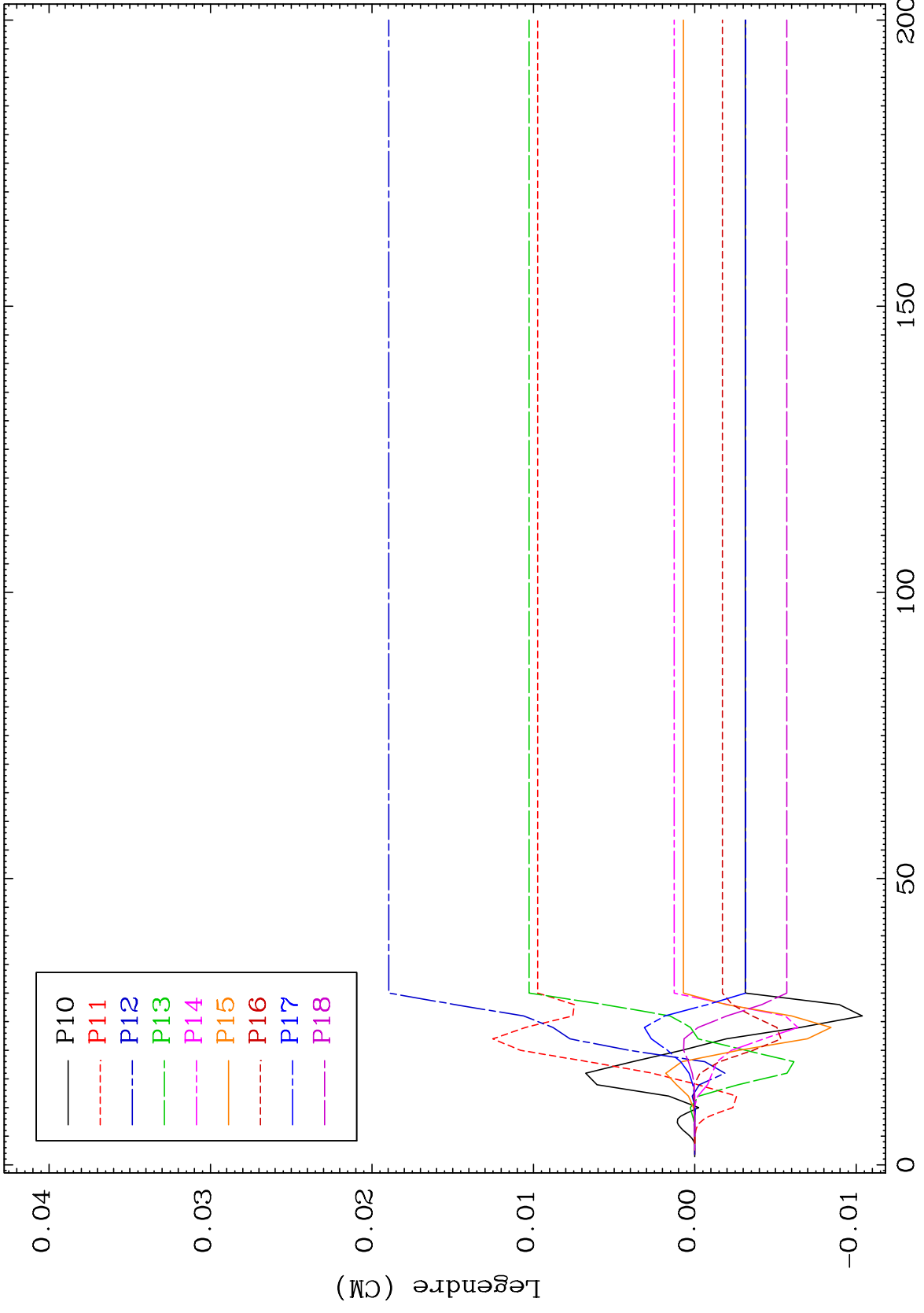
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



42

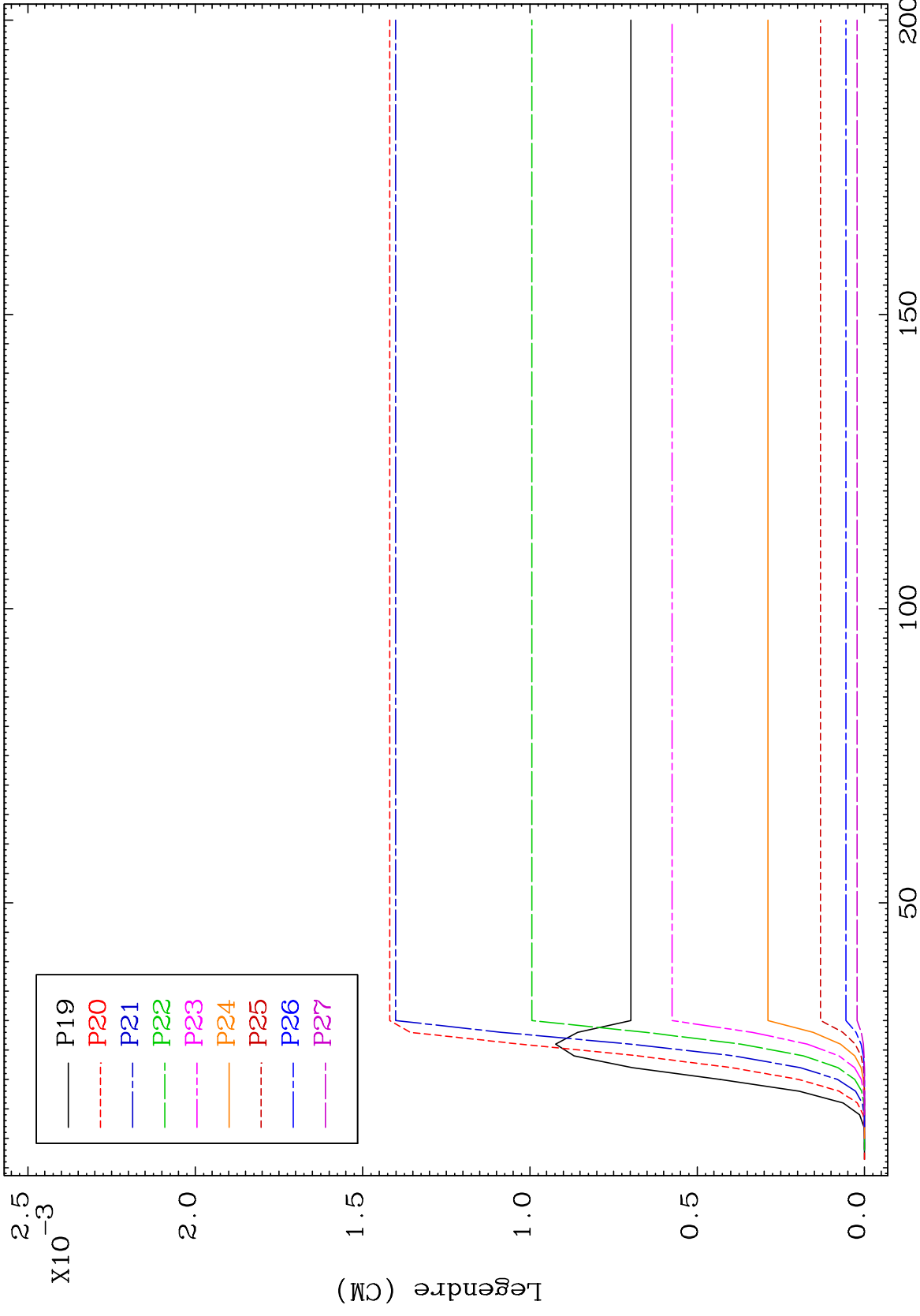
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



43

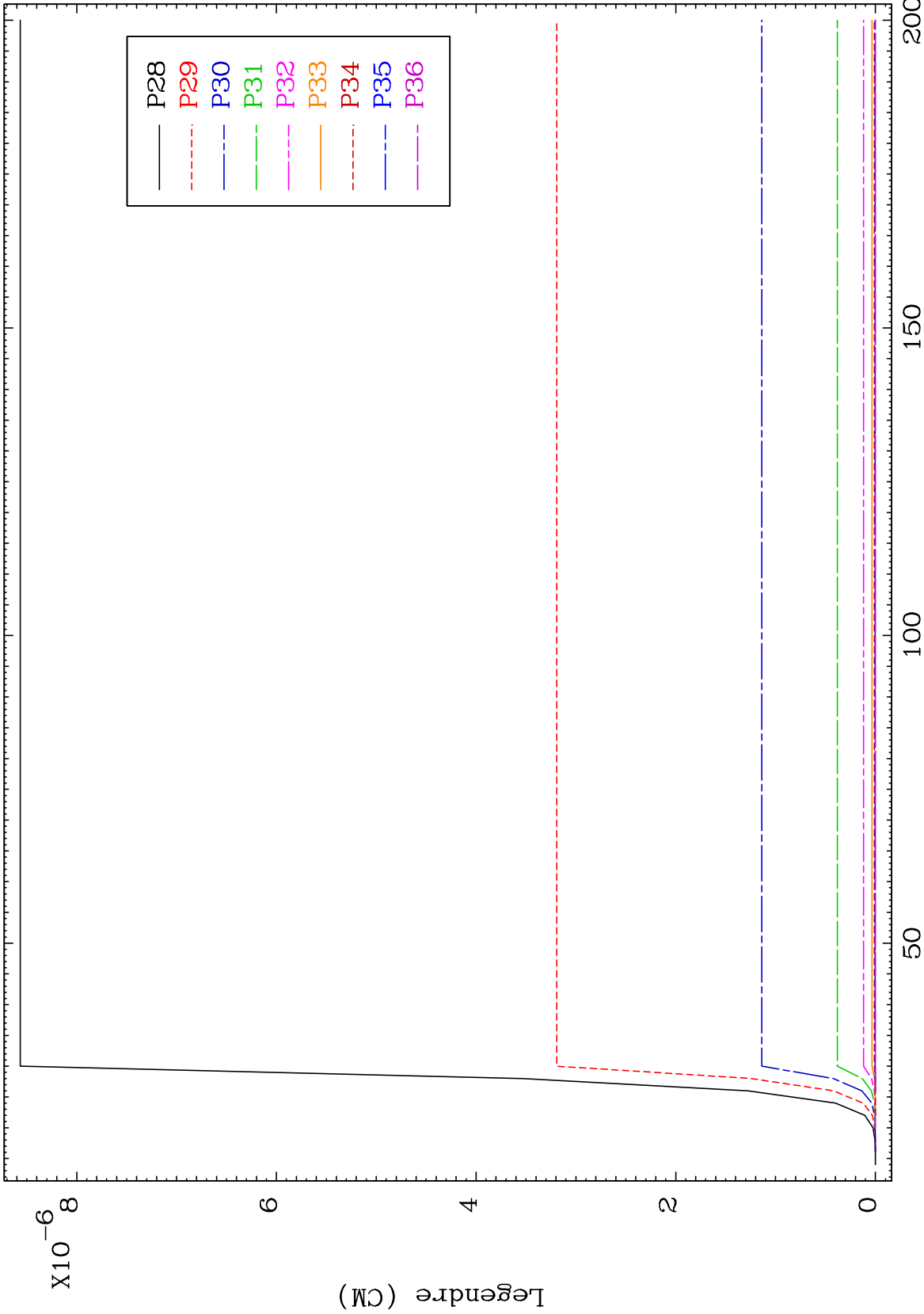
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



44

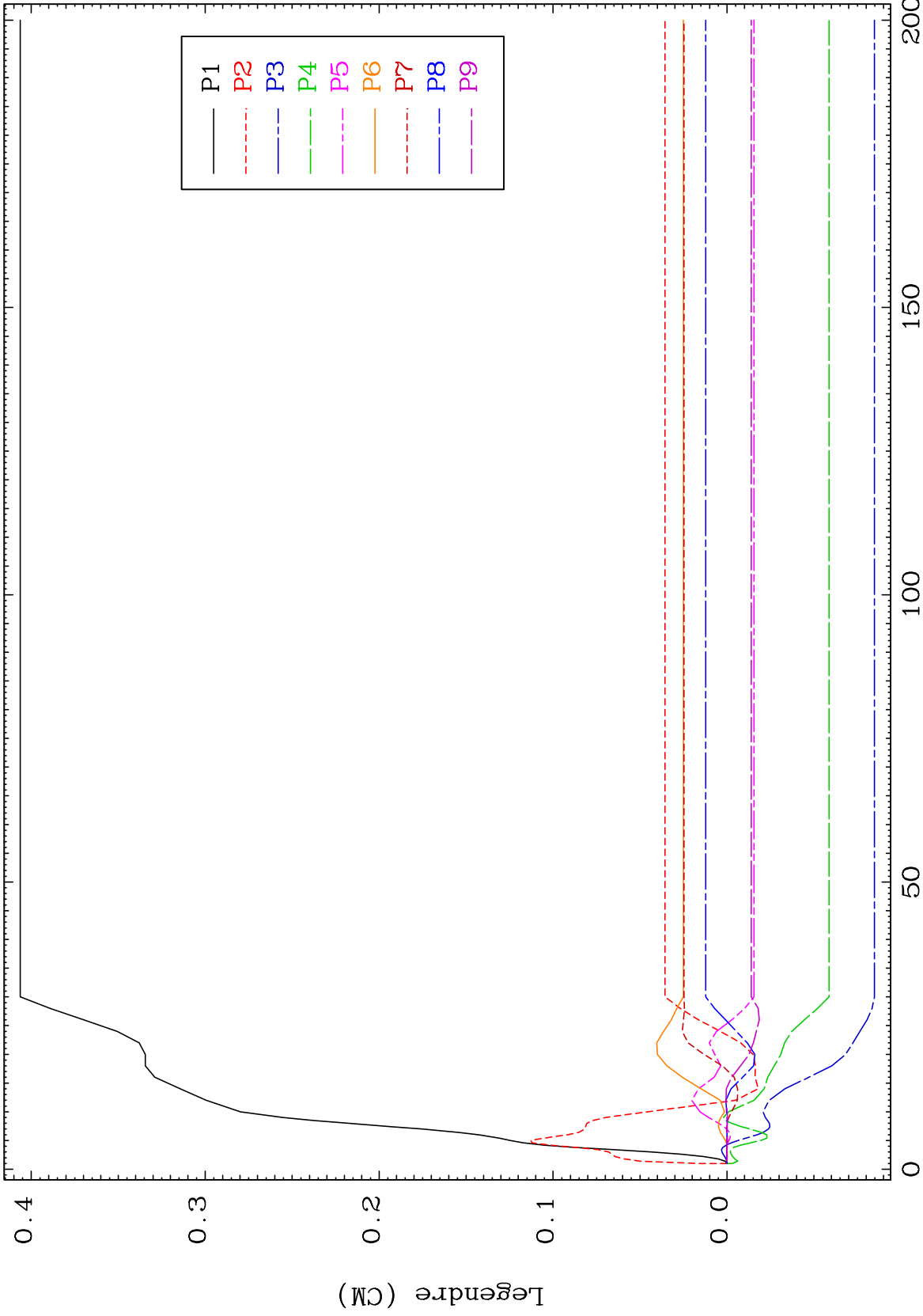
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



45

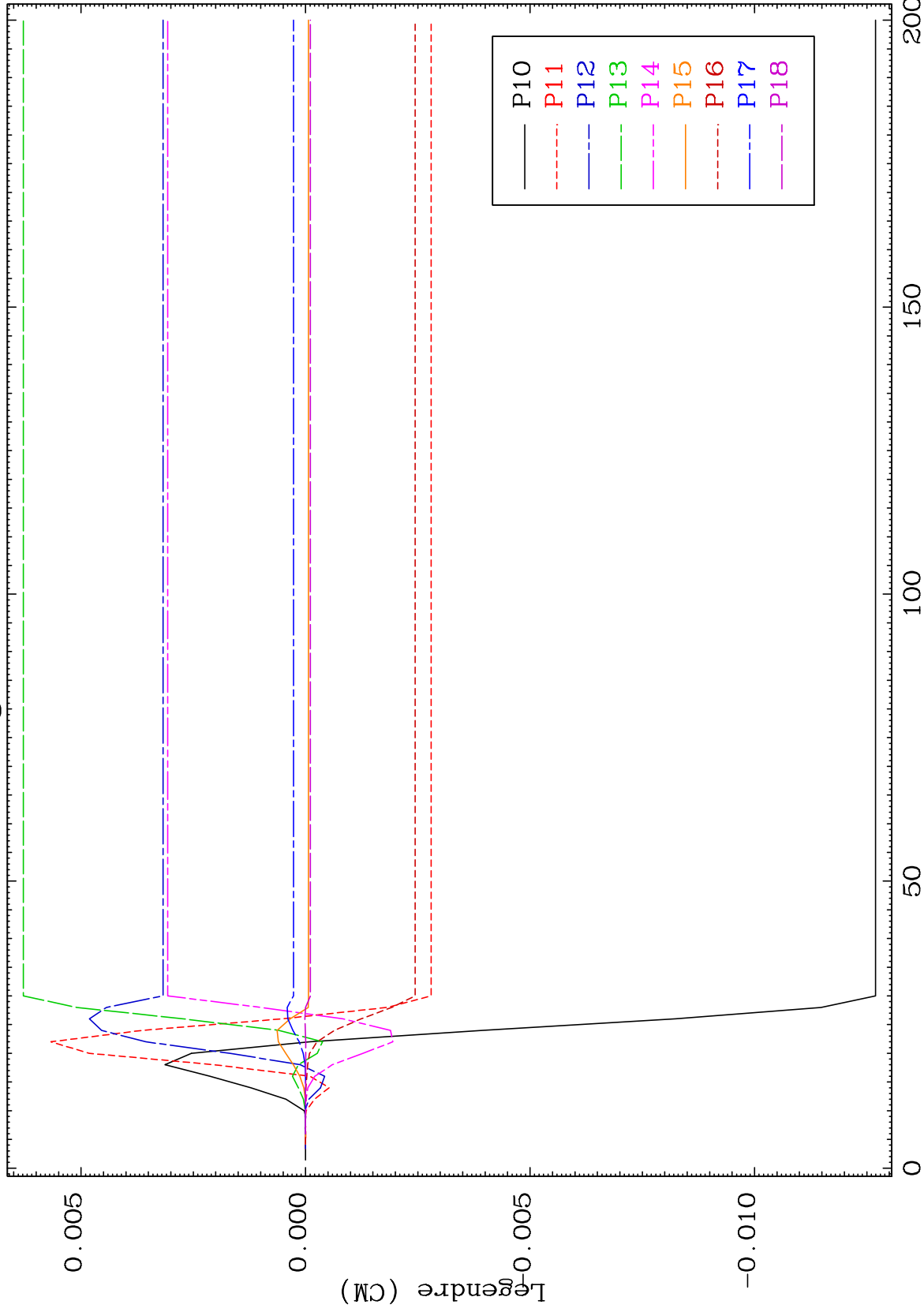
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



46

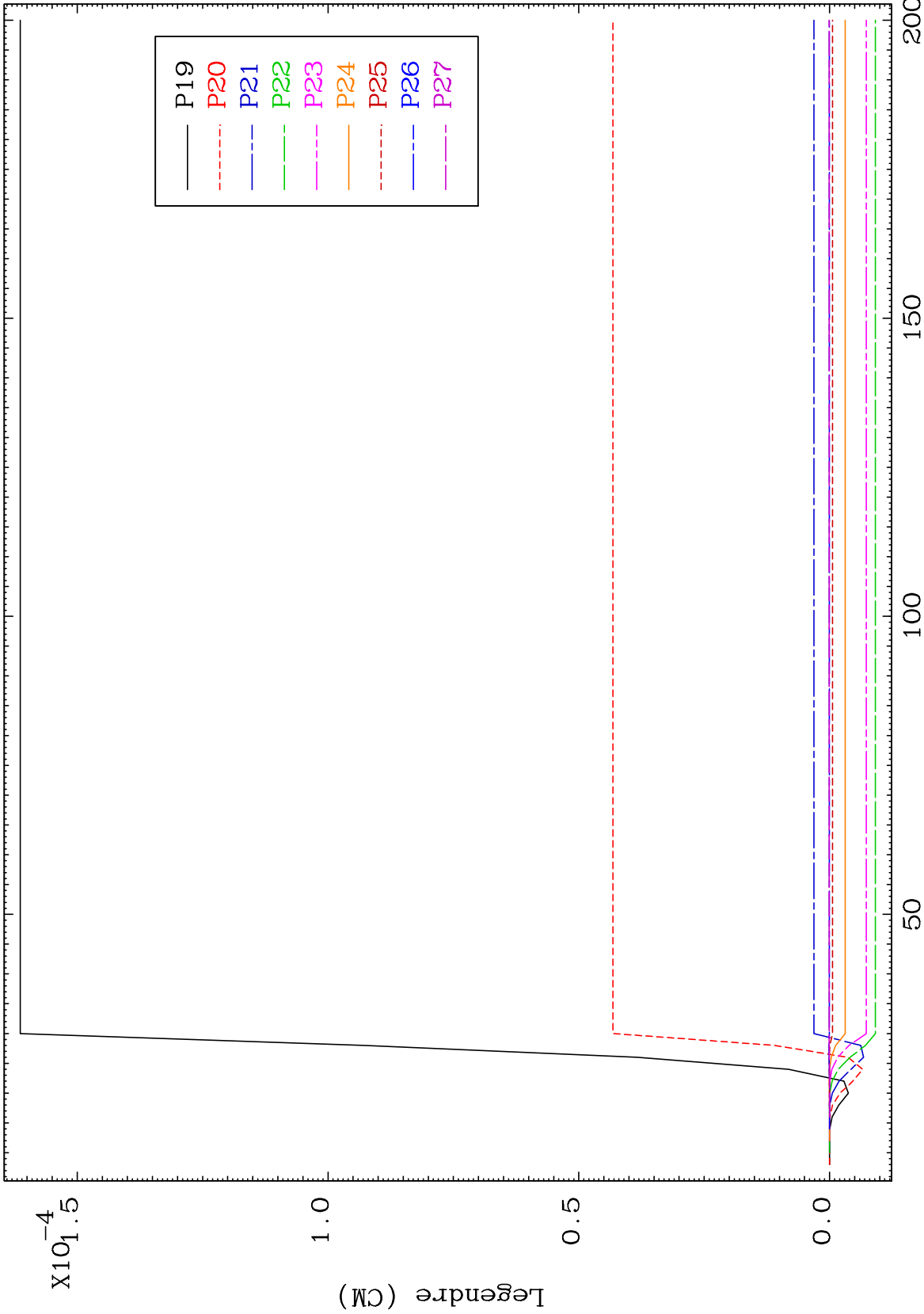
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



47

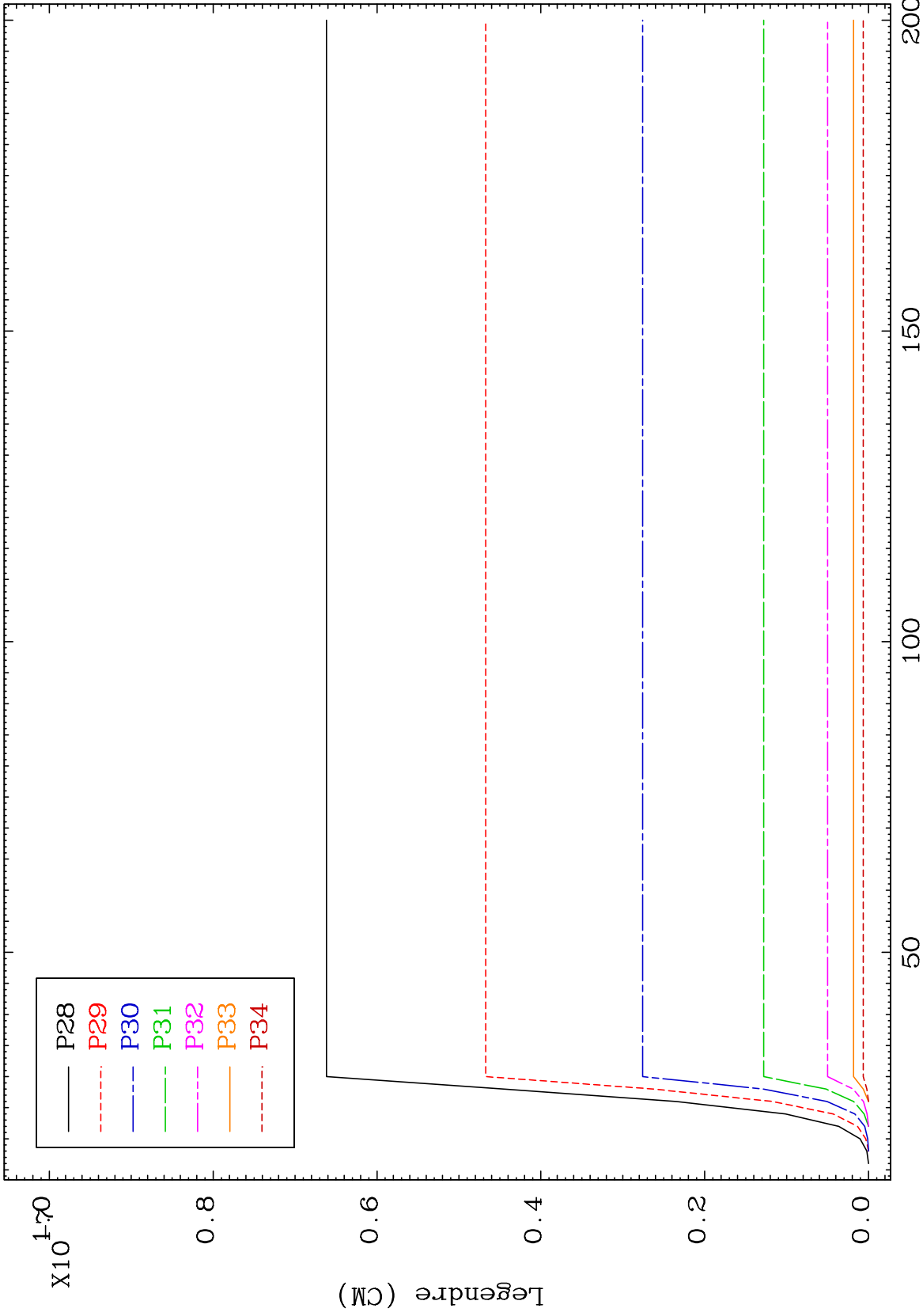
73-Ta-161



MAT 7268

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

73-Ta-161



48

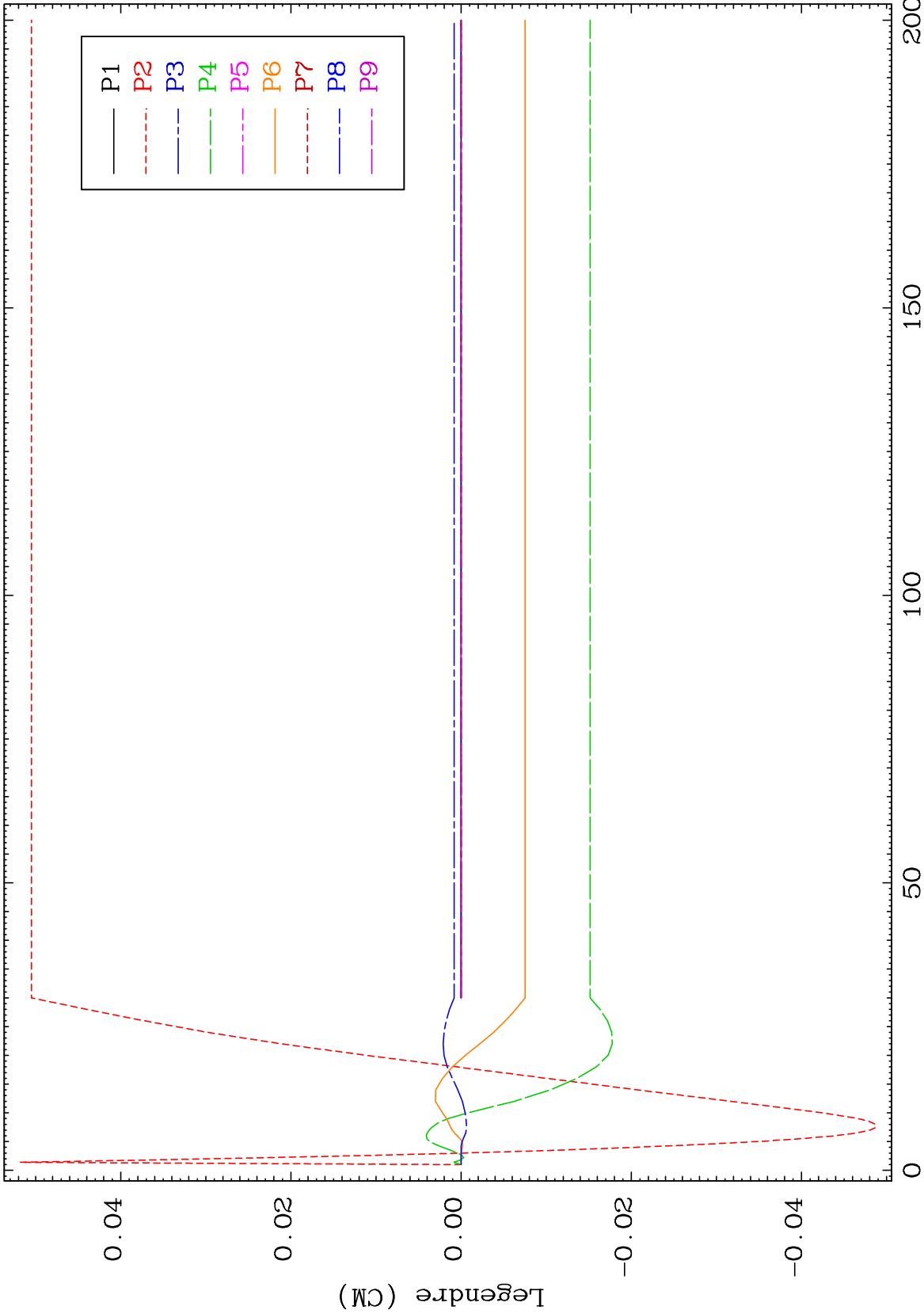
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



49

Incident Energy (MeV)

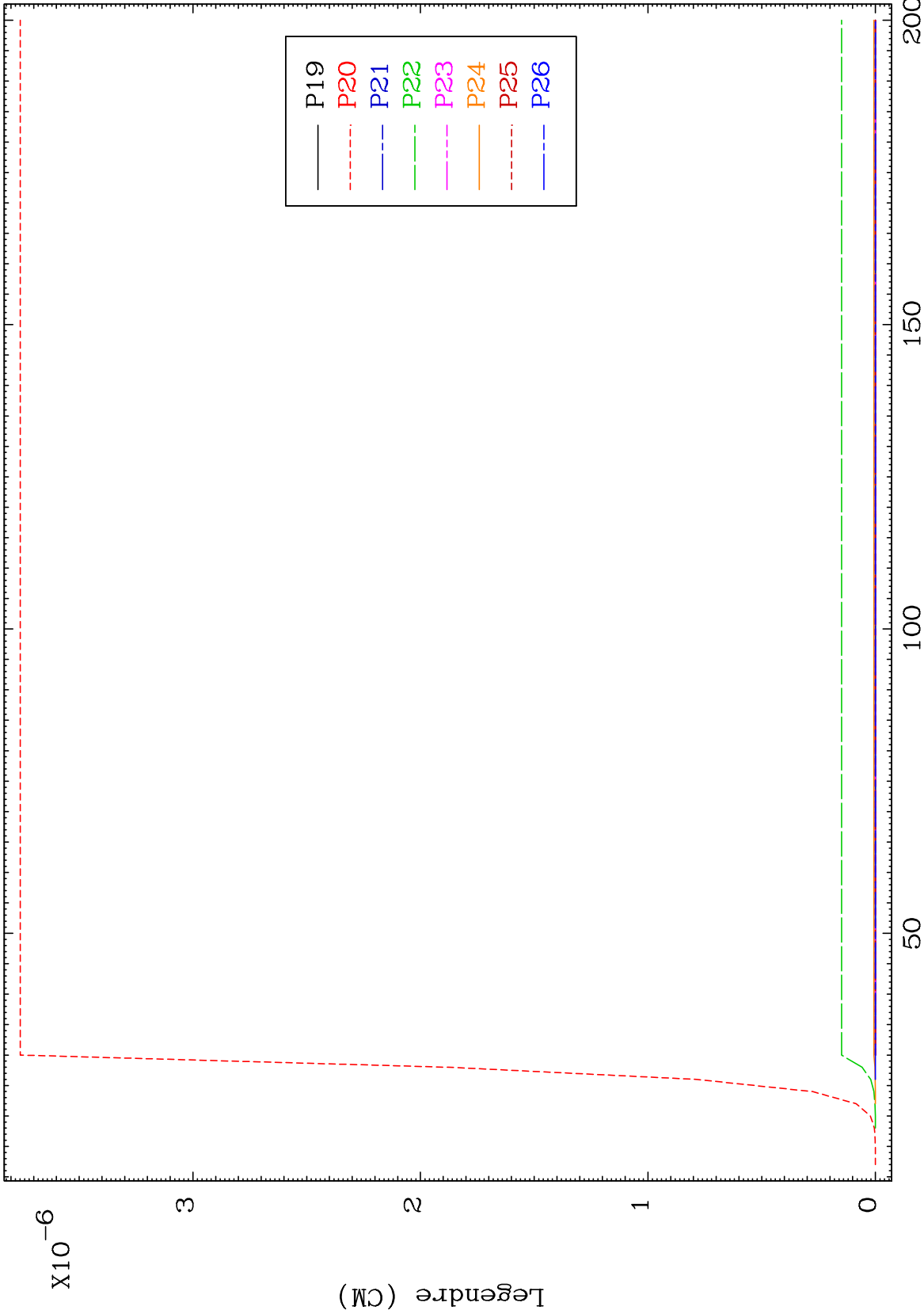
73-Ta-161



MAT 7268

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

73-Ta-161

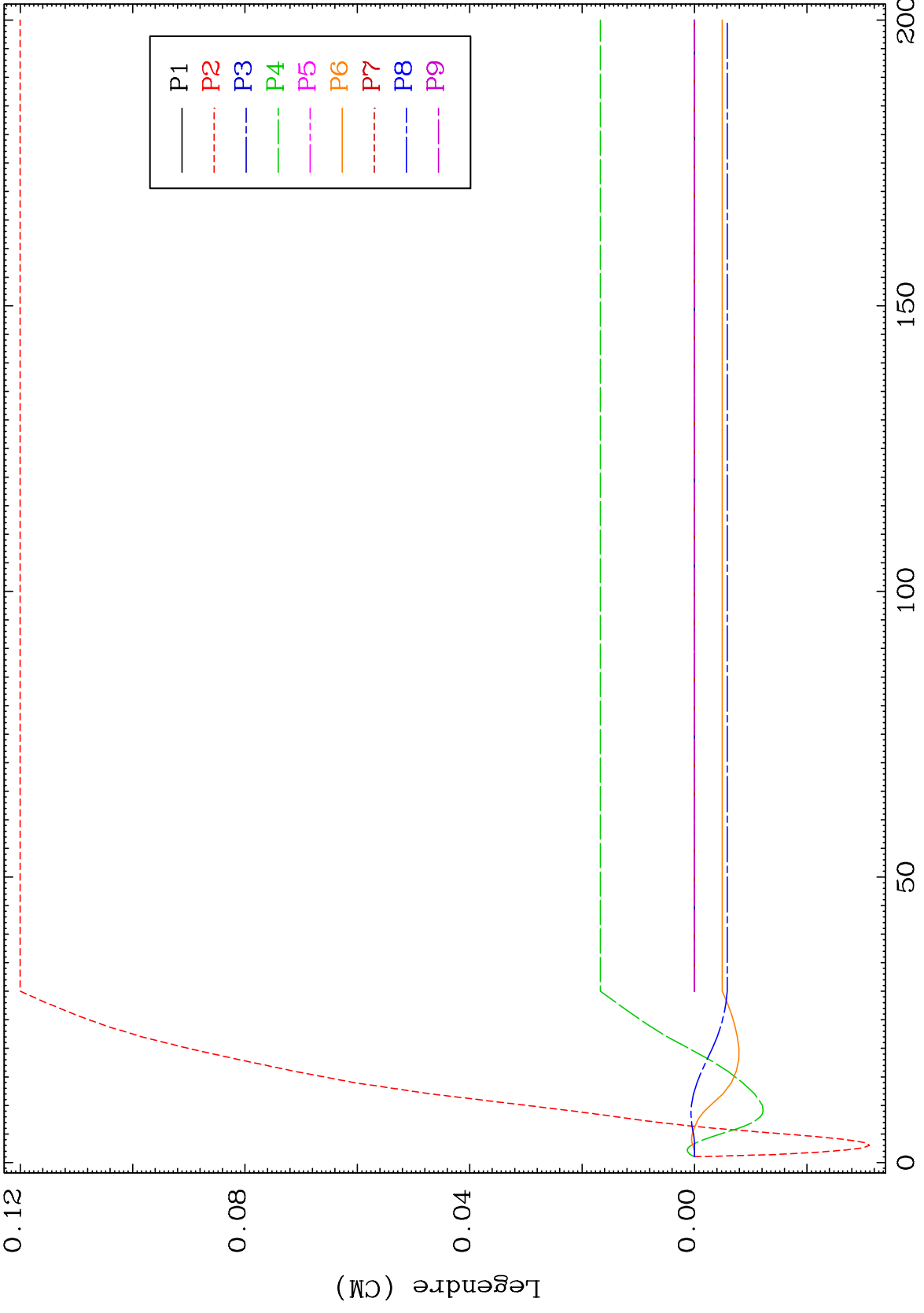


51

Incident Energy (MeV)

73-Ta-161

MAT 7268 MT= 60 (n,n') Level Legendre Coefficients 73-Ta-161

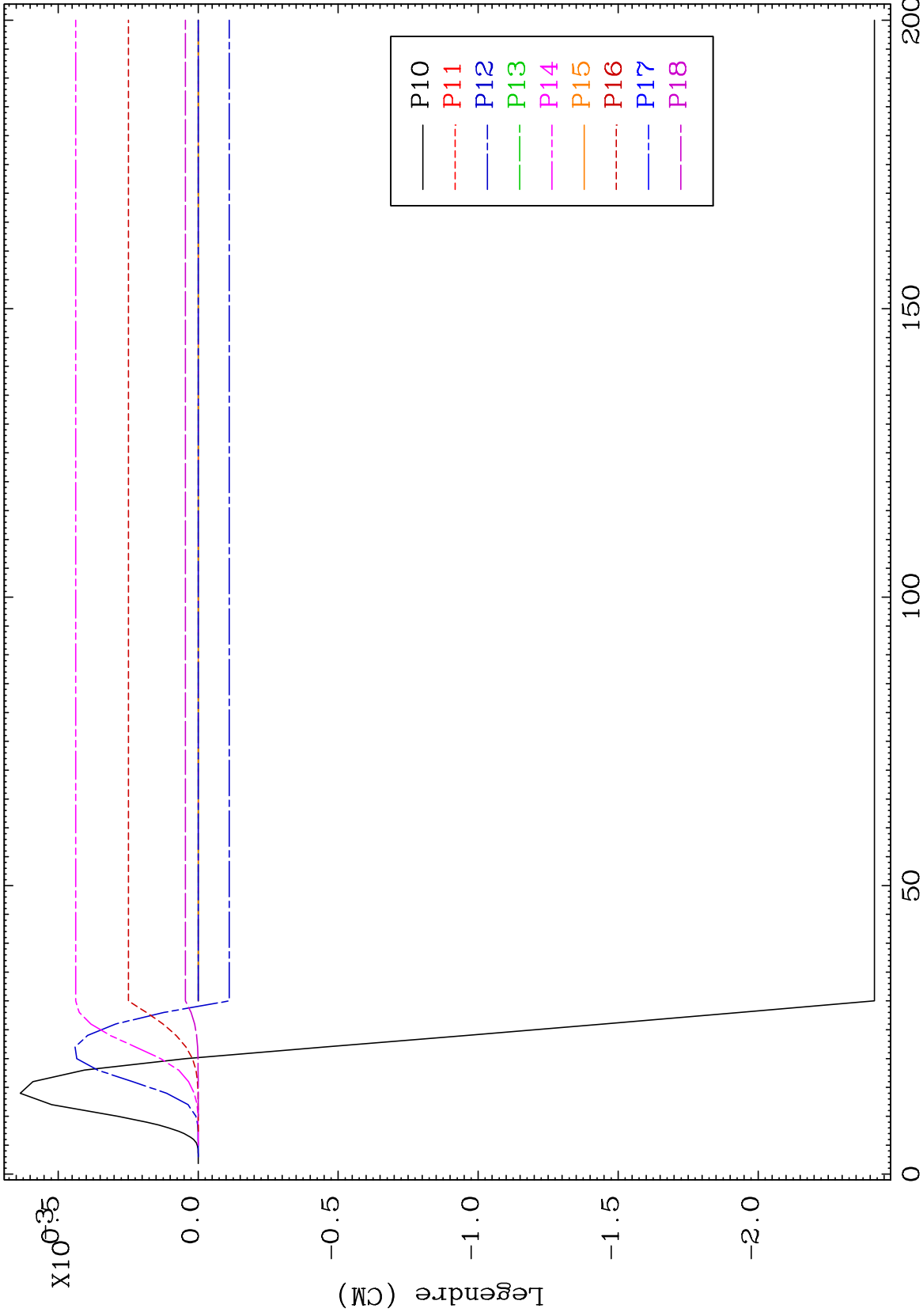


52 73-Ta-161

MAT 7268

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

73-Ta-161



53

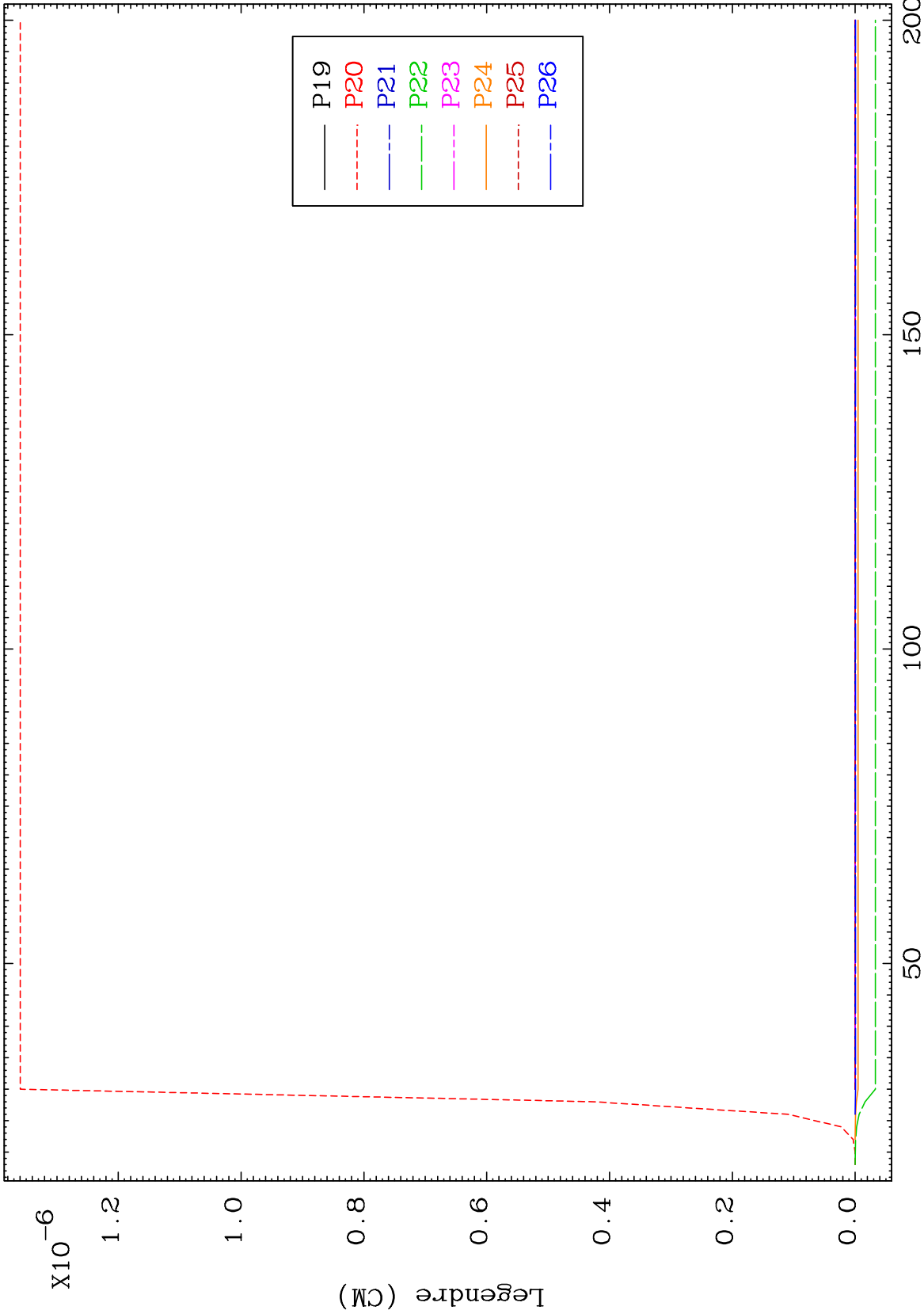
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



54

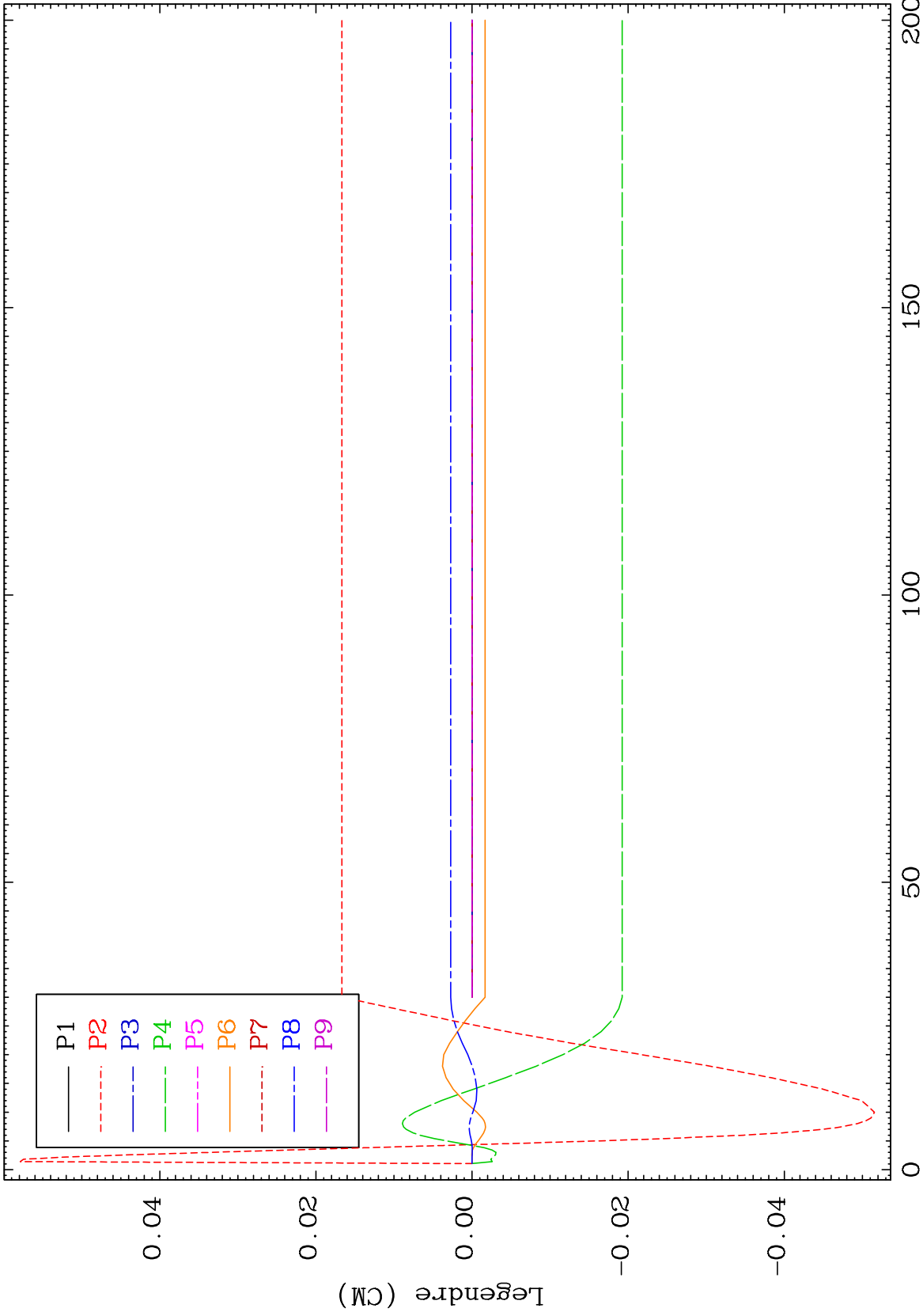
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



55

Incident Energy (MeV)

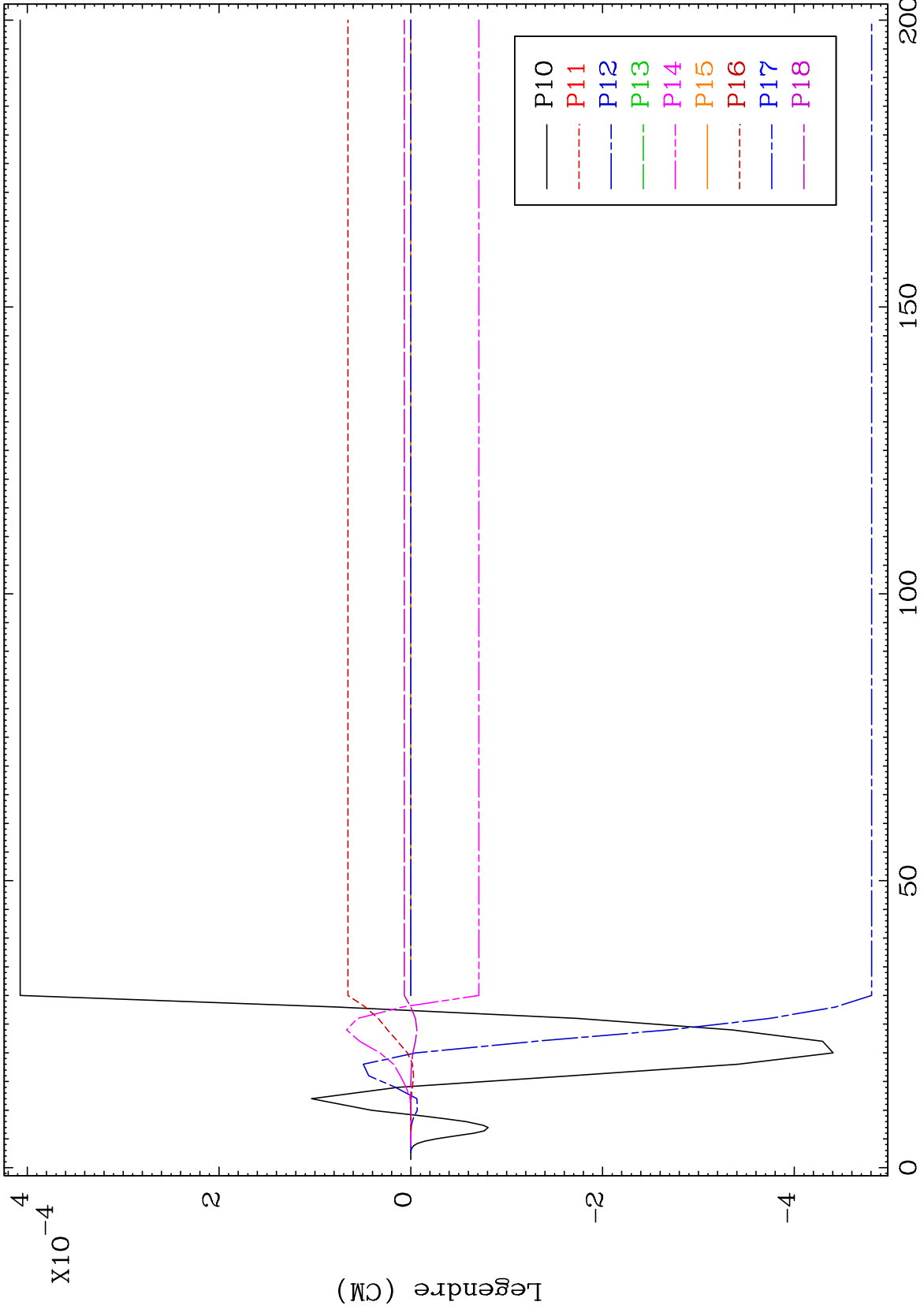
73-Ta-161



MAT 7268

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

73-Ta-161



56

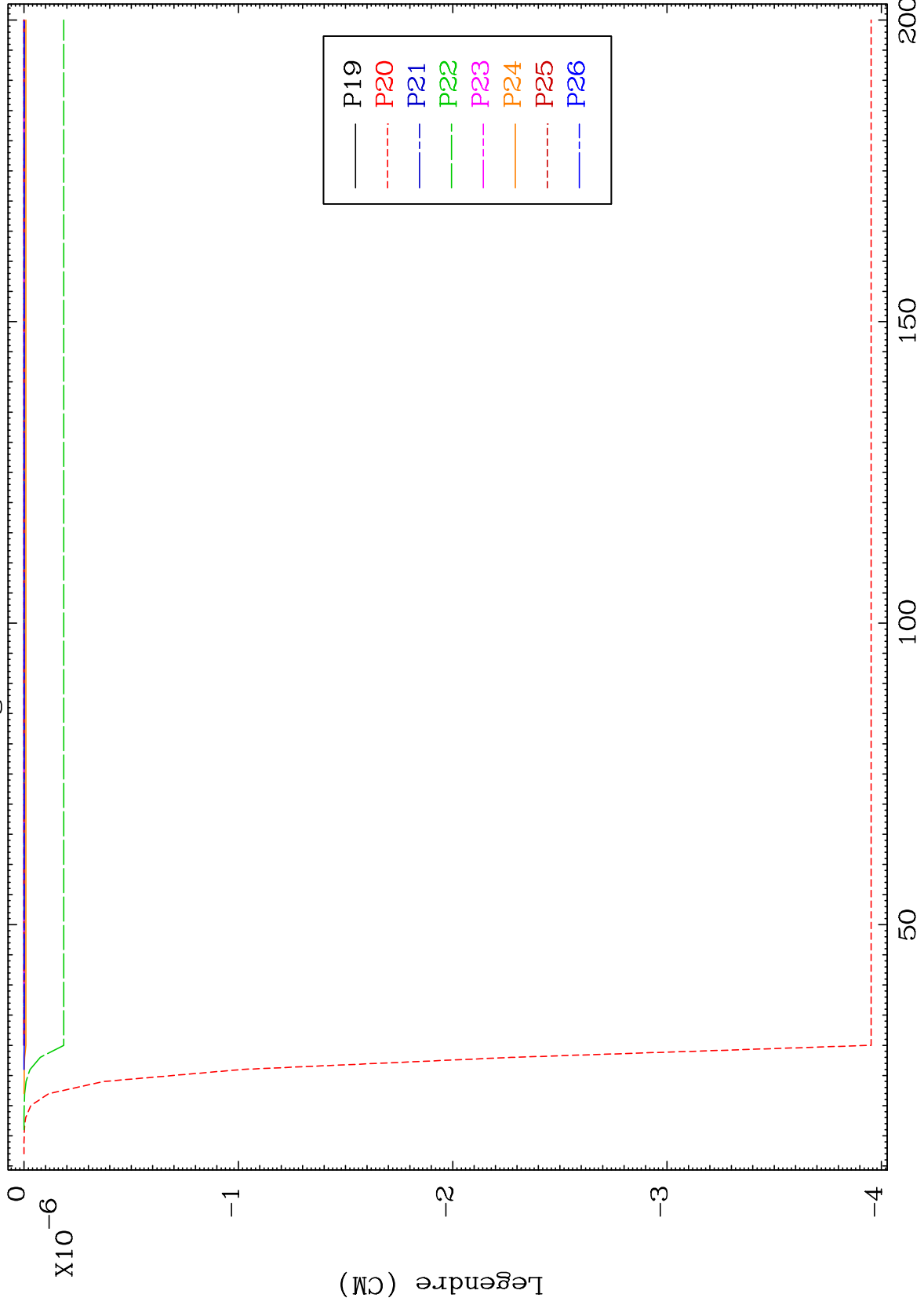
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



73-Ta-161

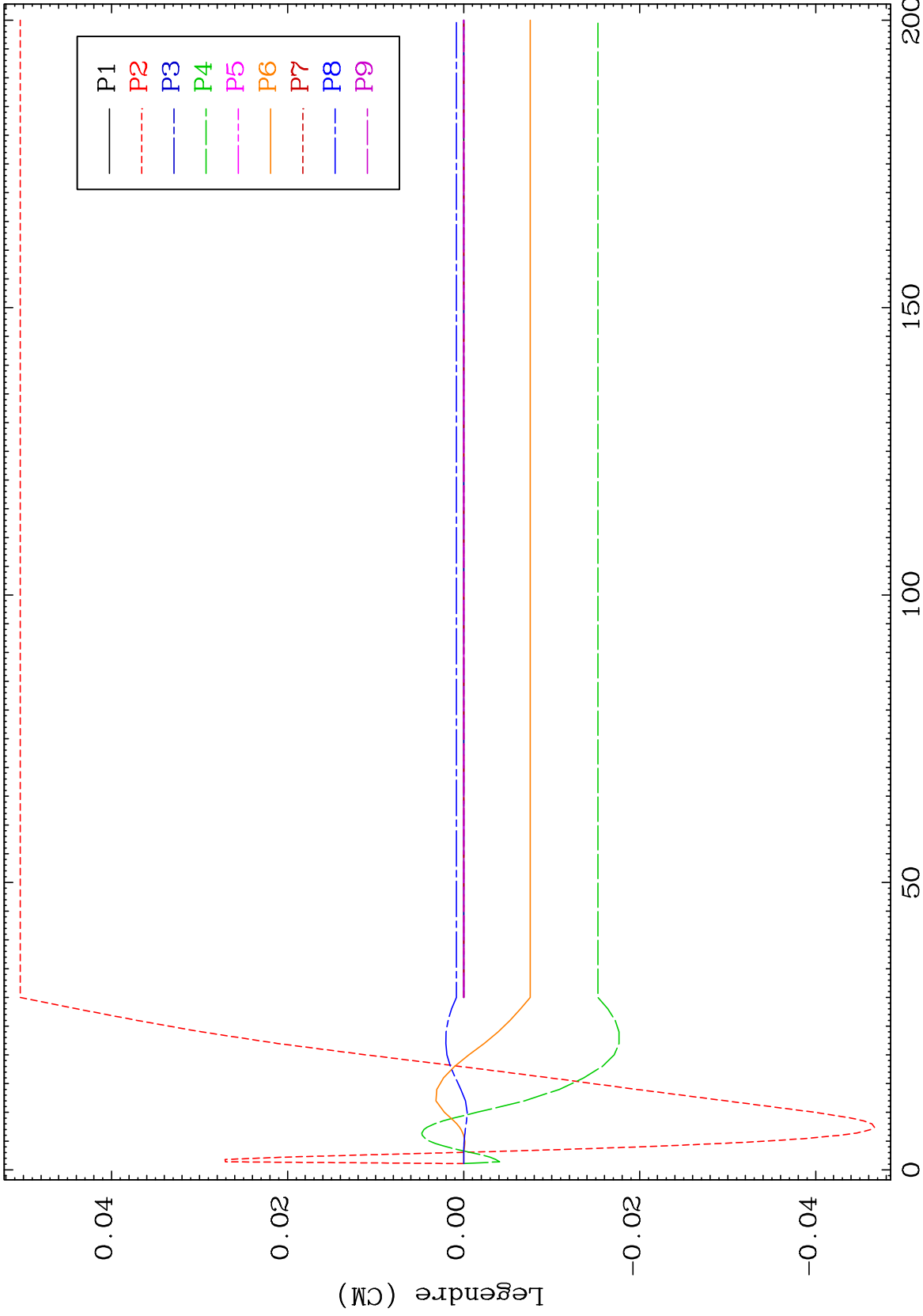
Incident Energy (MeV)

57

MAT 7268

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

73-Ta-161



58

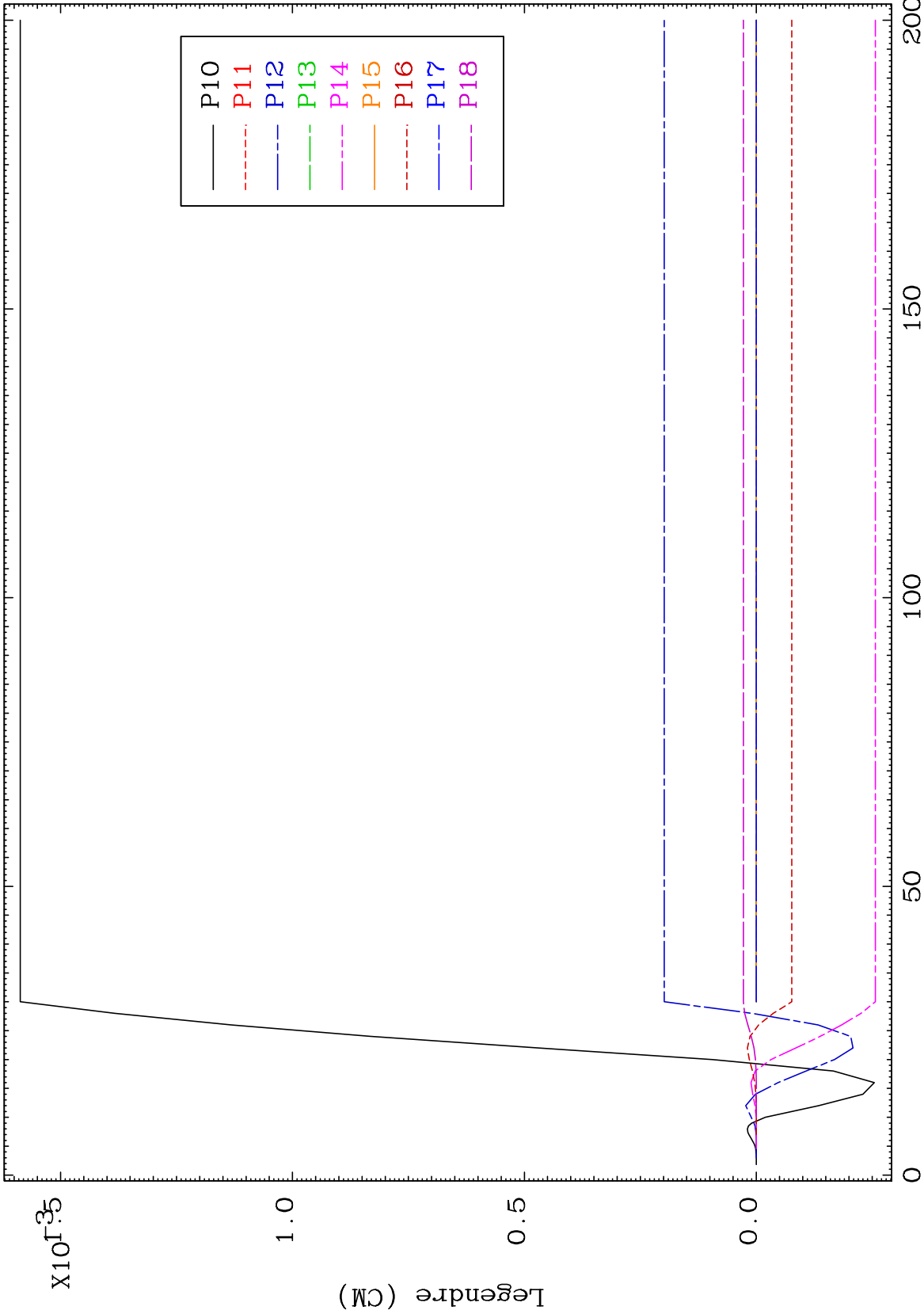
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



59

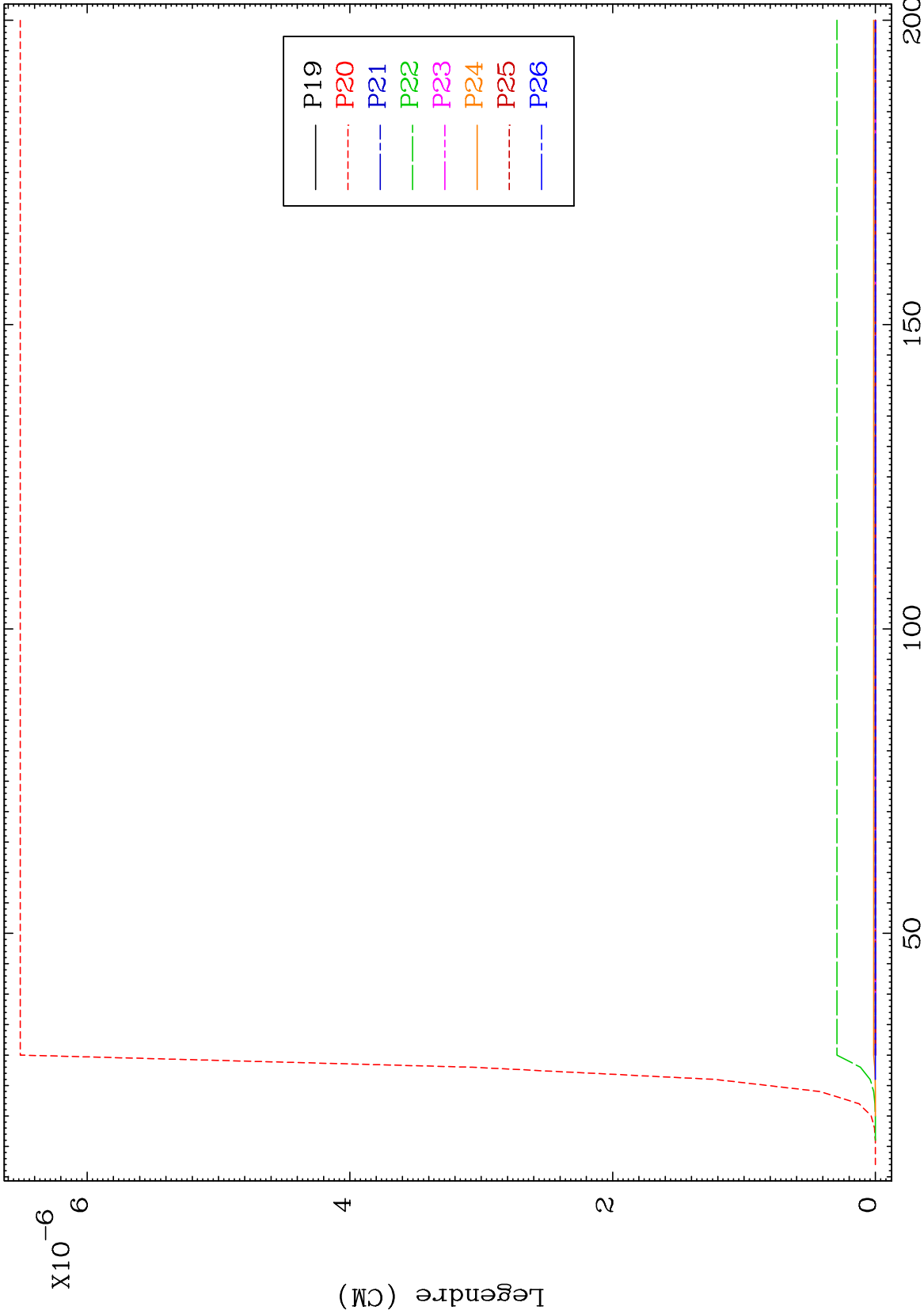
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



60

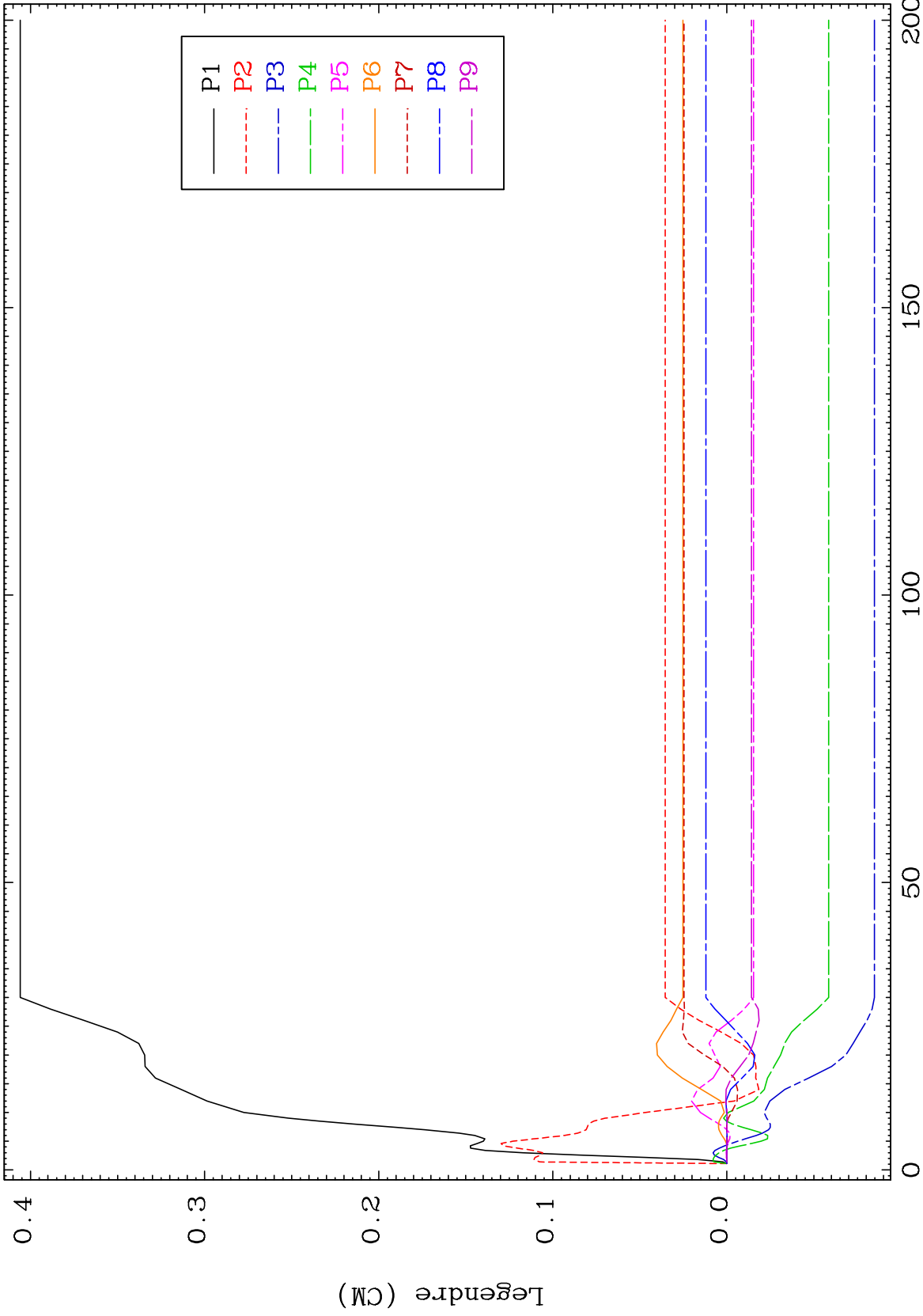
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



61

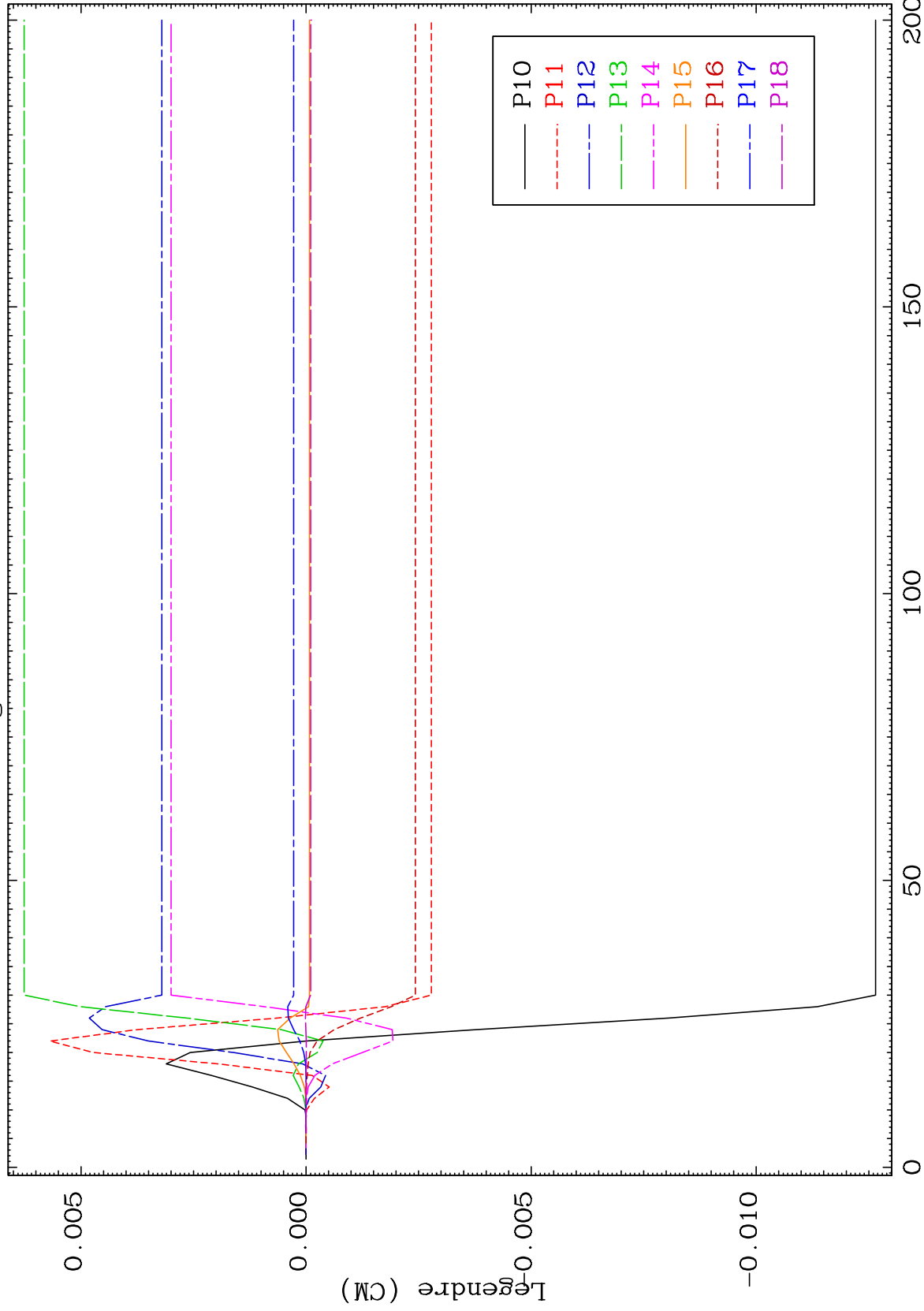
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



62

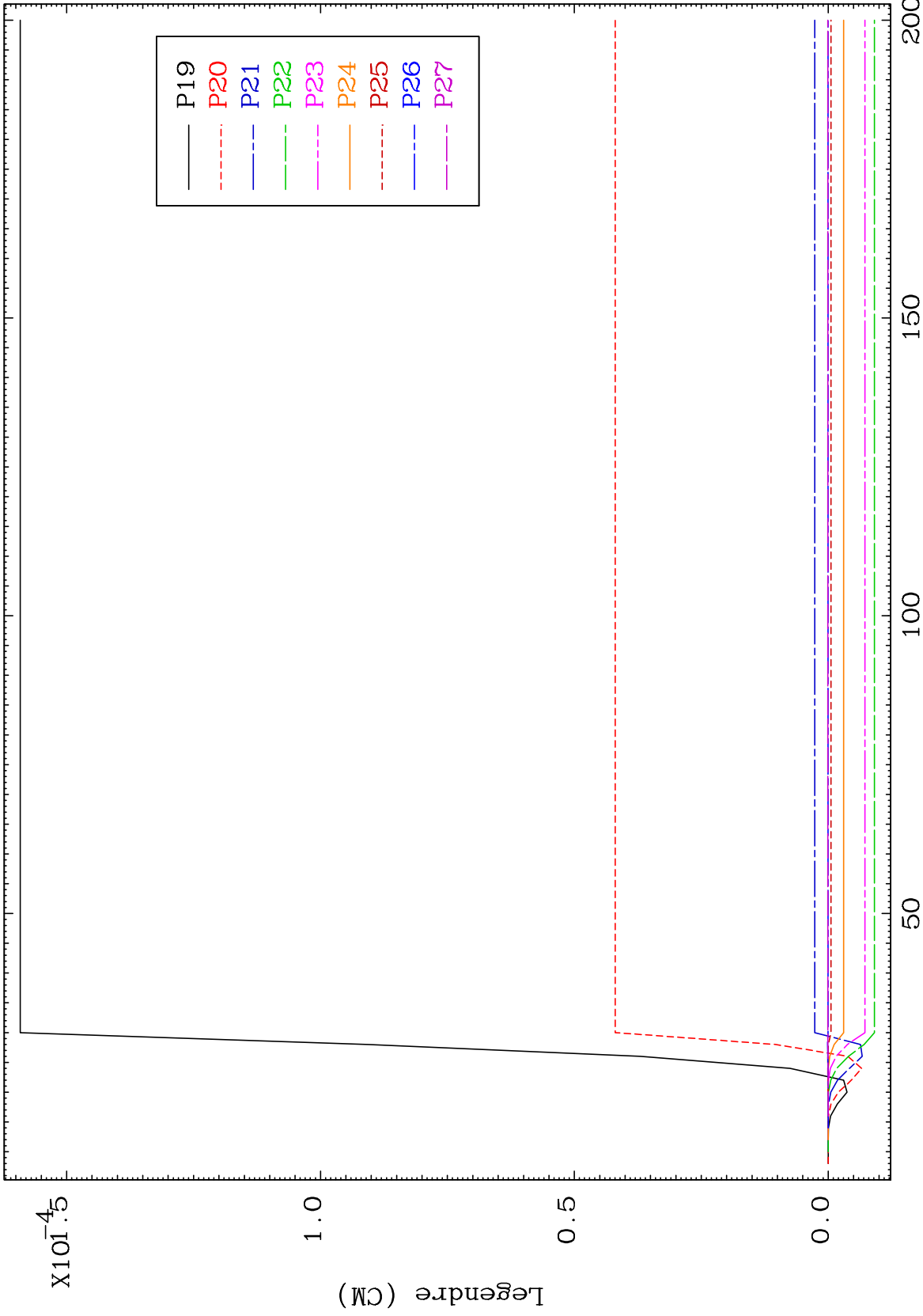
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



63

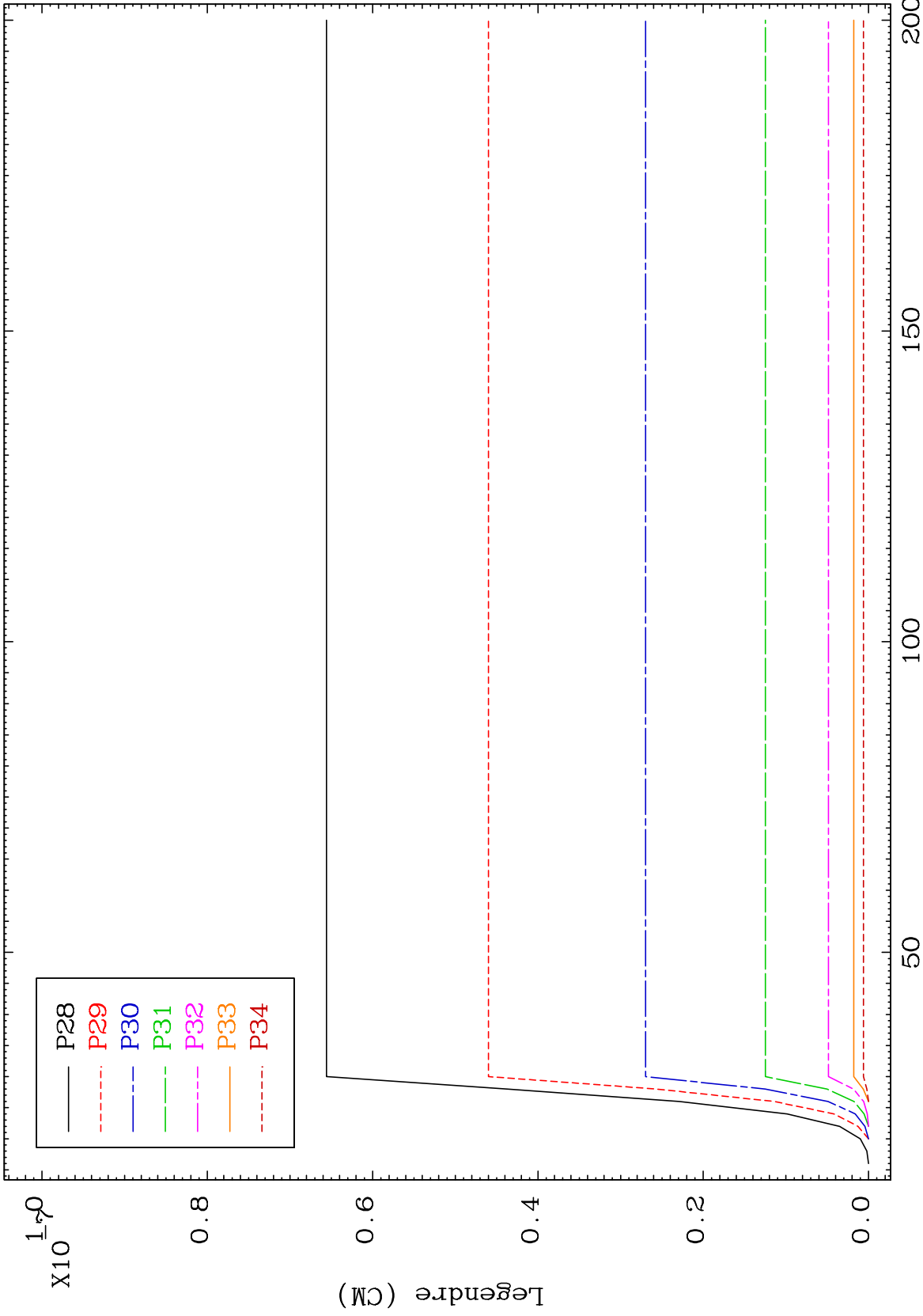
73-Ta-161



MAT 7268

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

73-Ta-161



64

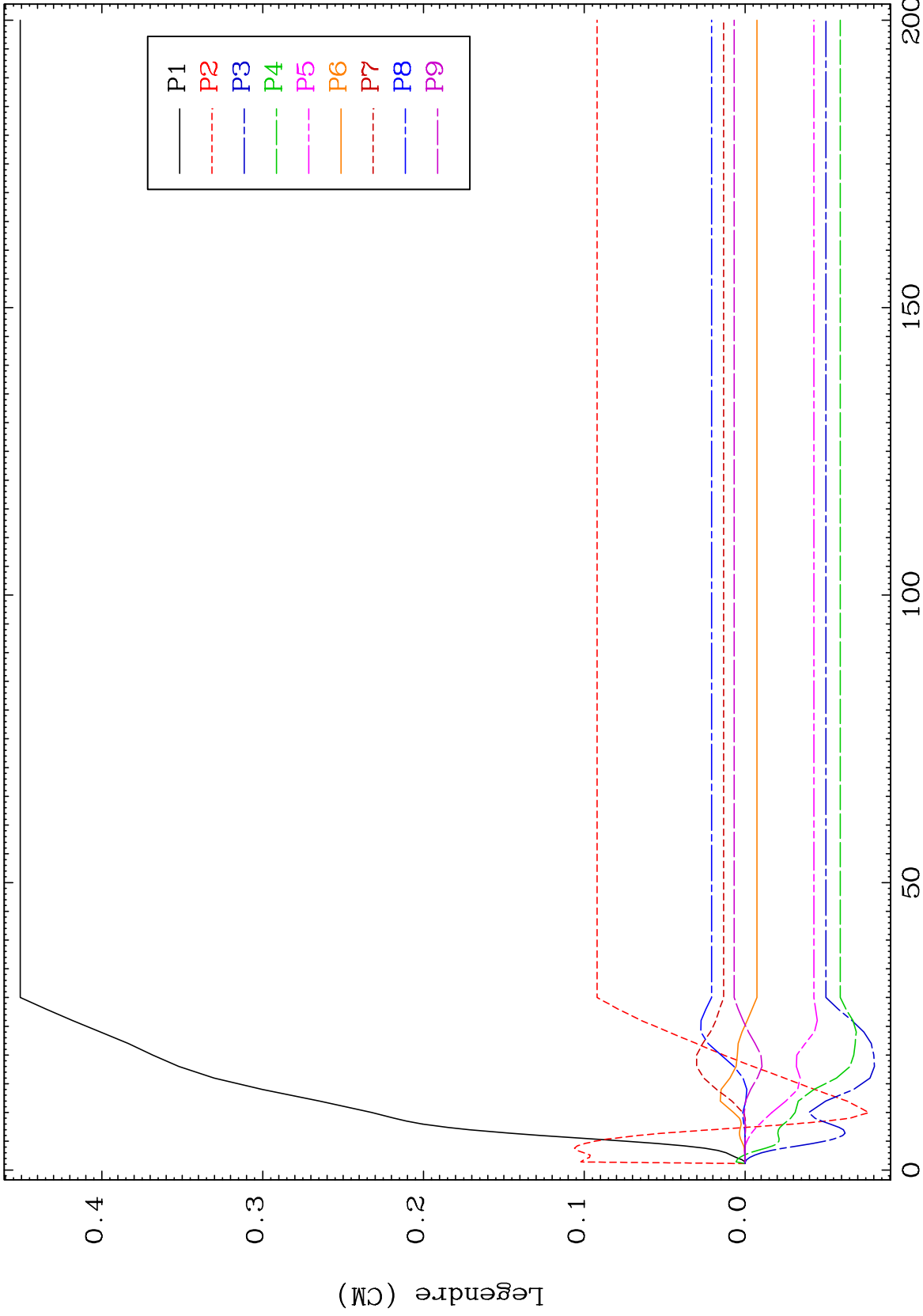
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



65

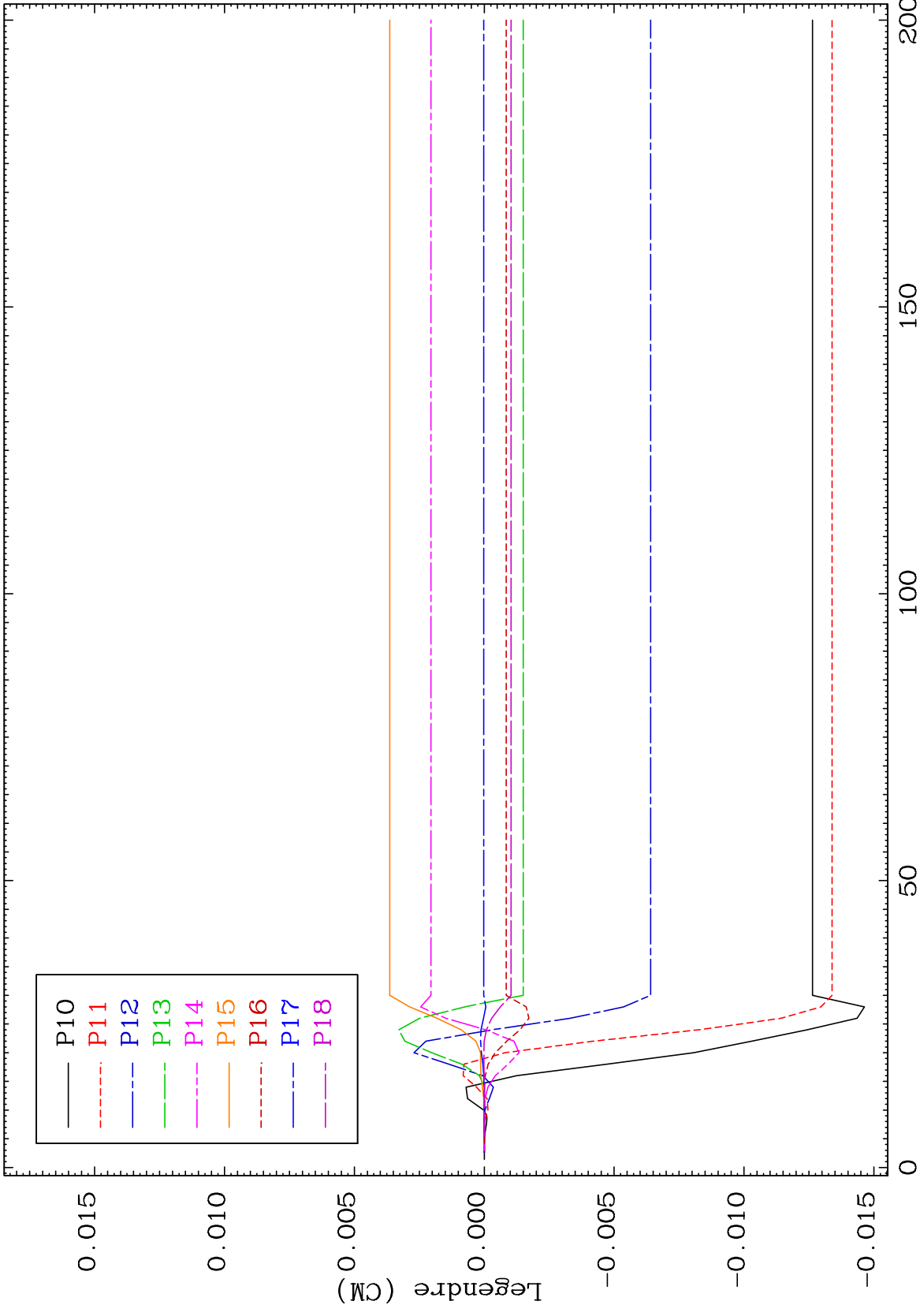
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

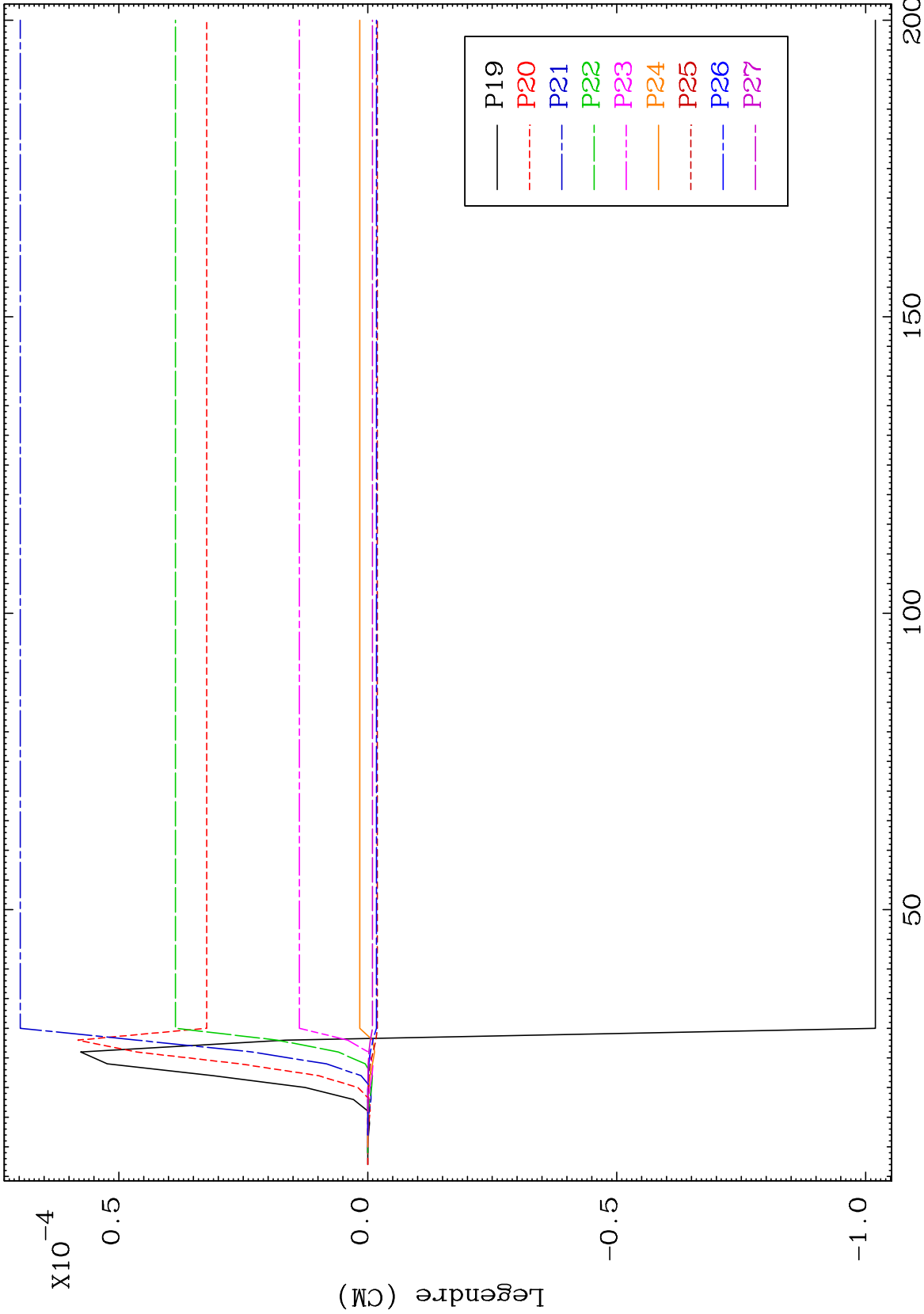
73-Ta-161



MAT 7268

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

73-Ta-161

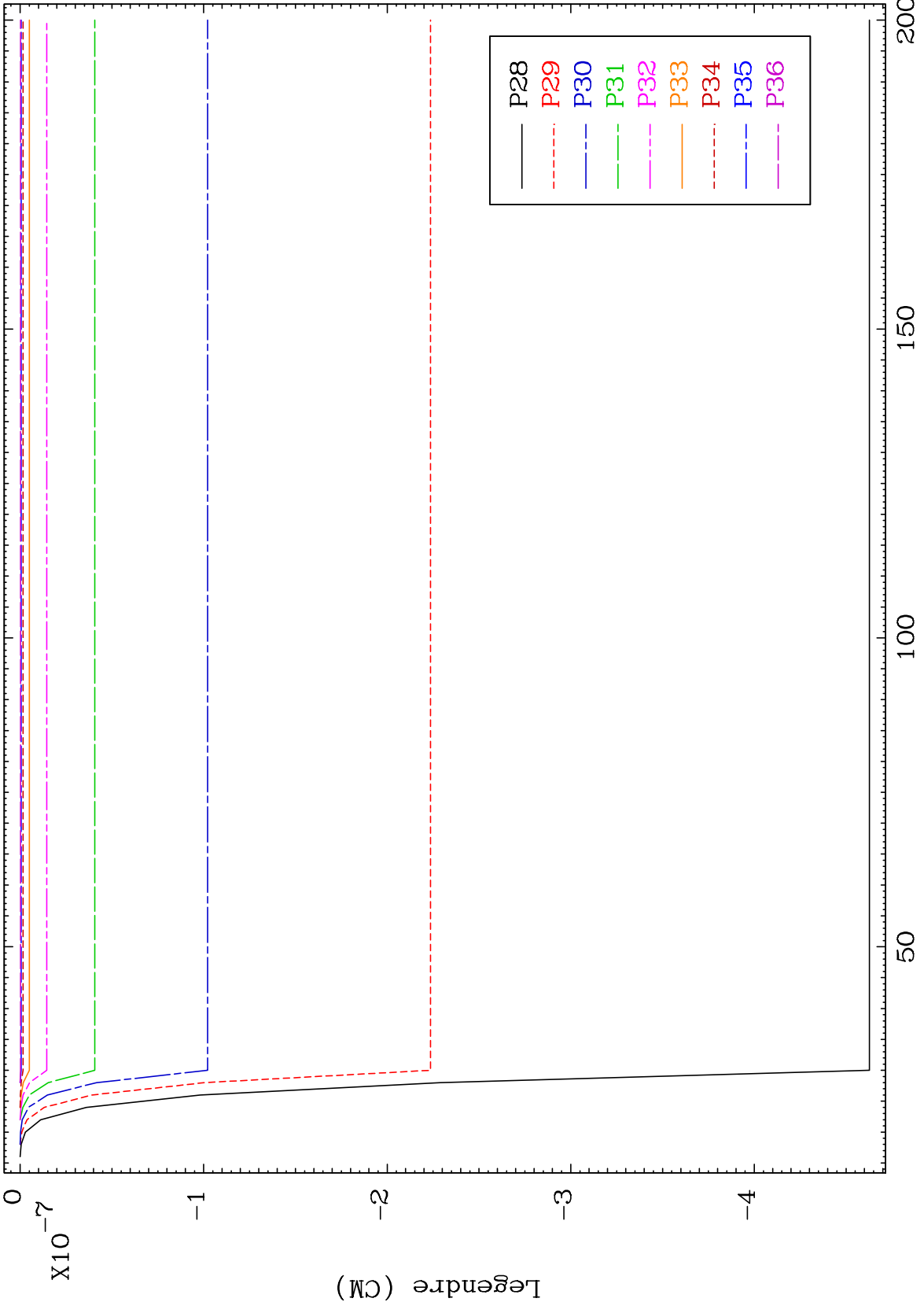


67

Incident Energy (MeV)

73-Ta-161

MAT 7268 MT= 64 (n,n') Level Legendre Coefficients 73-Ta-161

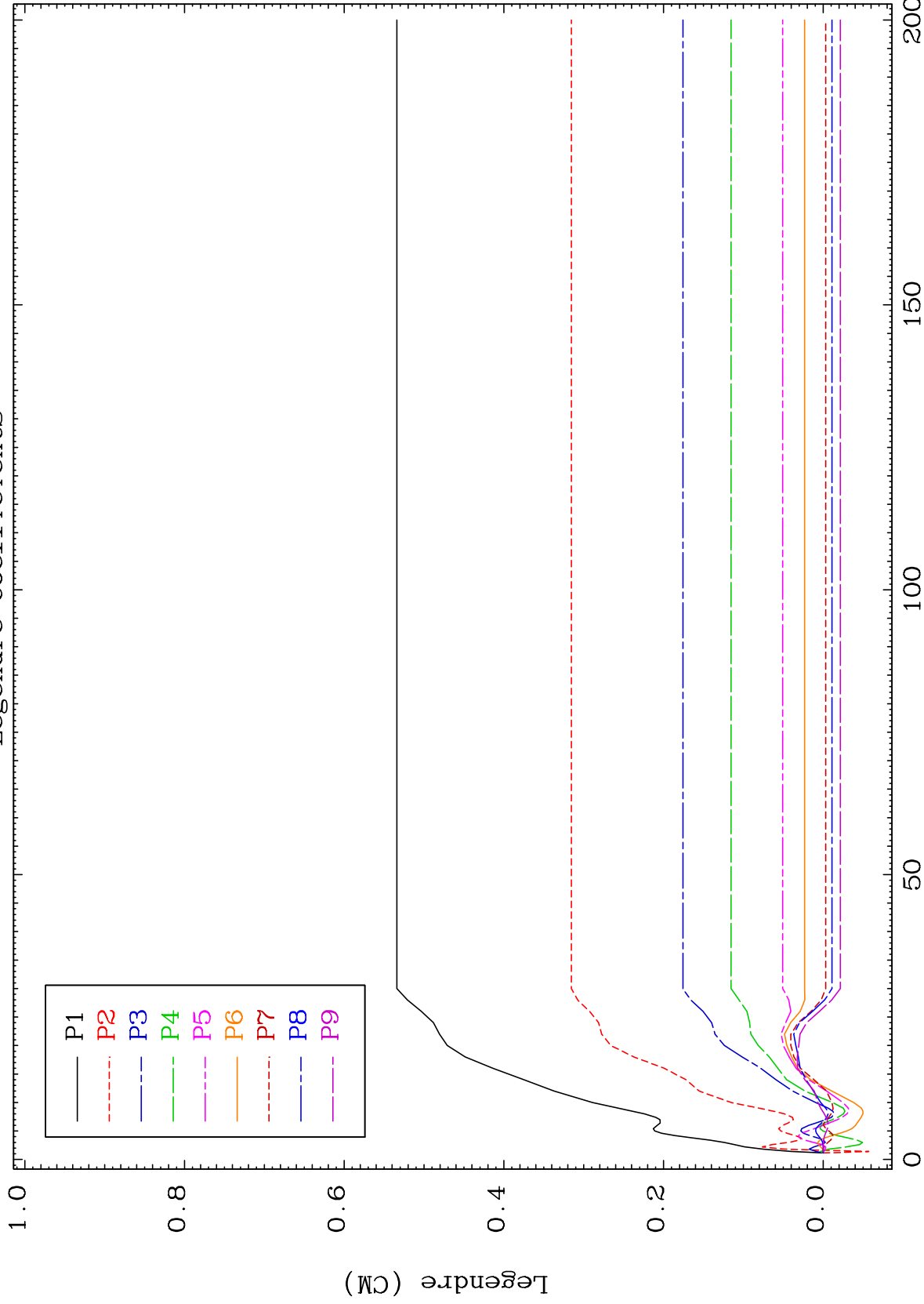


68 73-Ta-161

MAT 7268

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

73-Ta-161

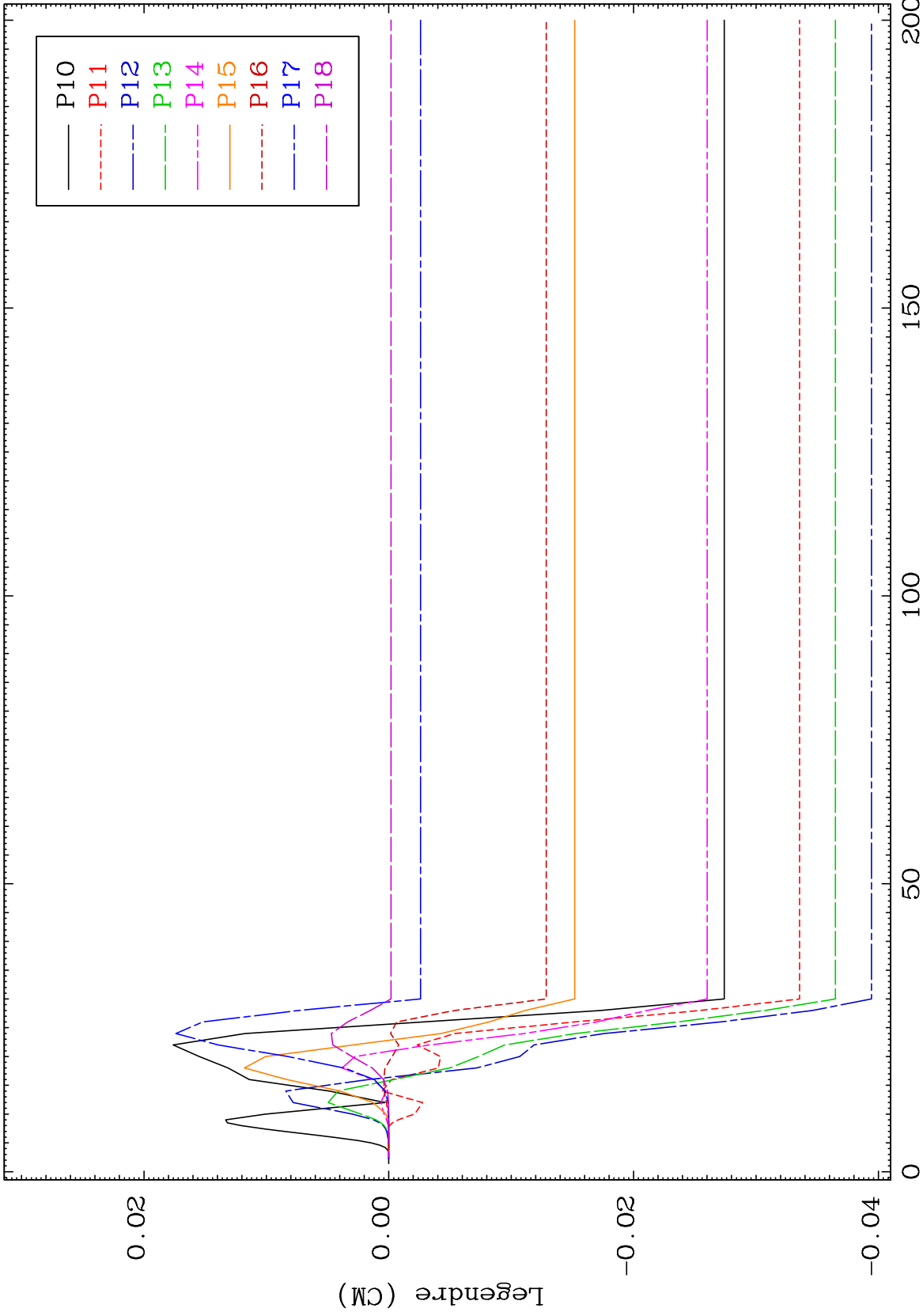


69

MAT 7268

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

73-Ta-161



70

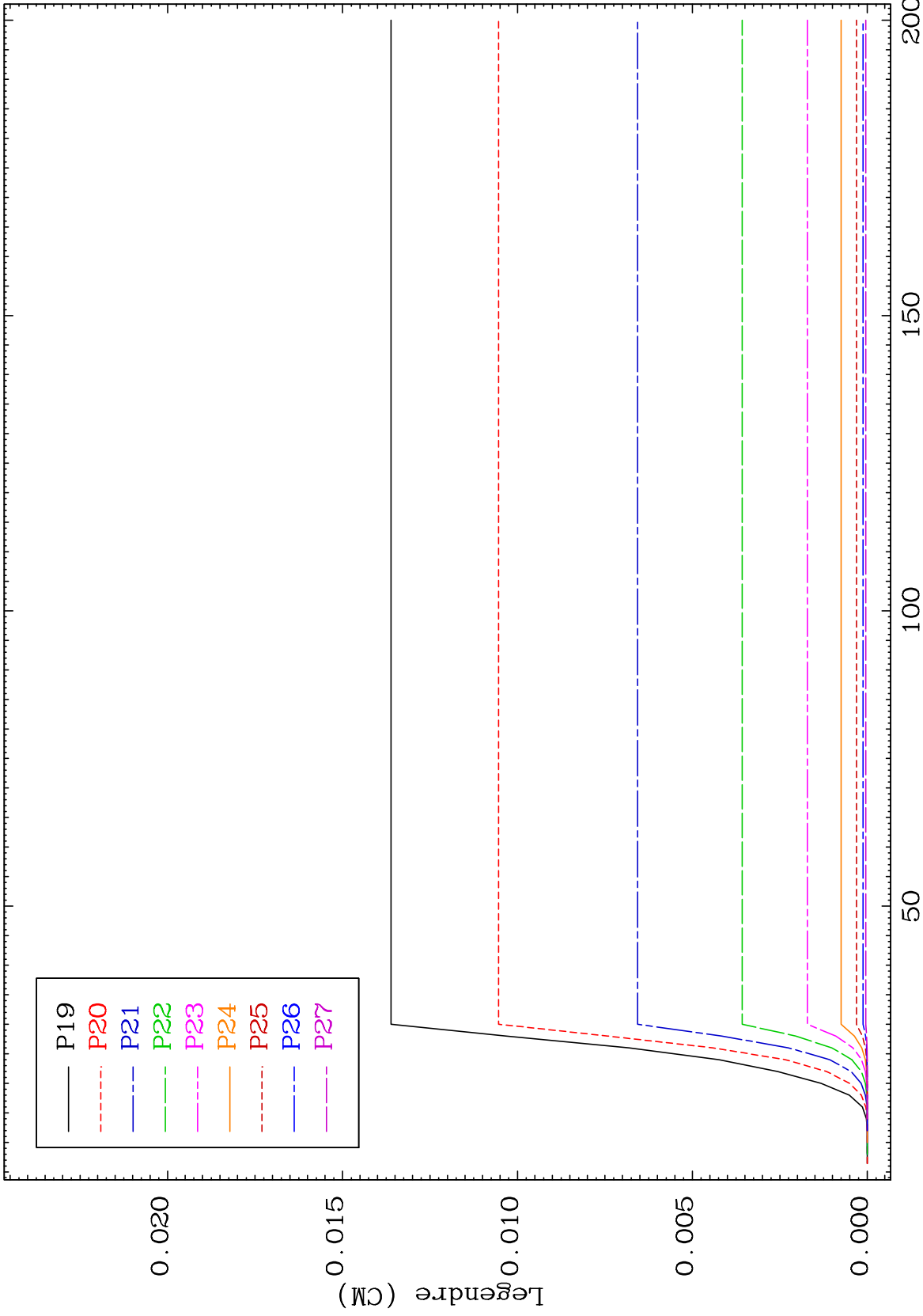
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



71

Incident Energy (MeV)

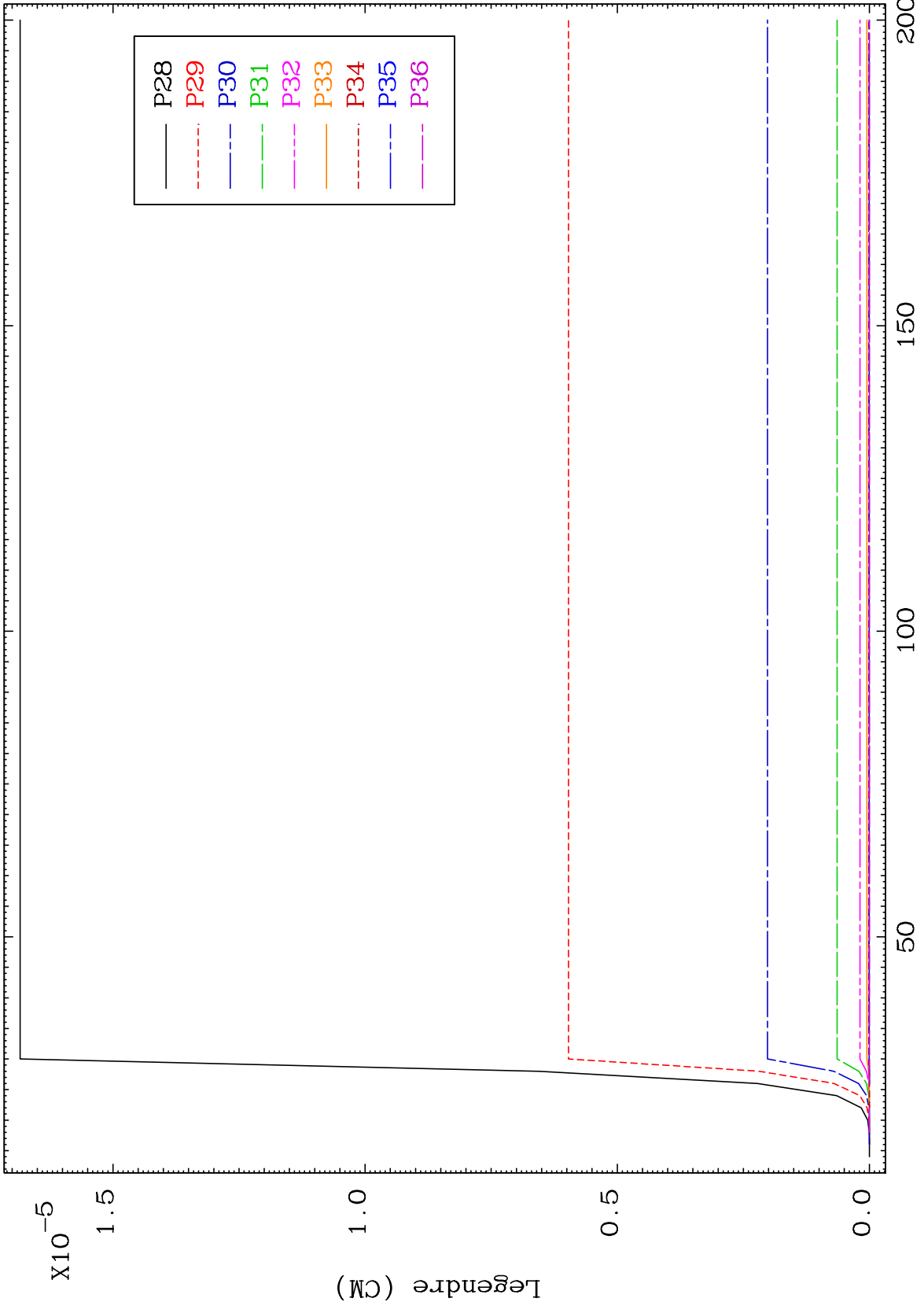
73-Ta-161



MAT 7268

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

73-Ta-161



72

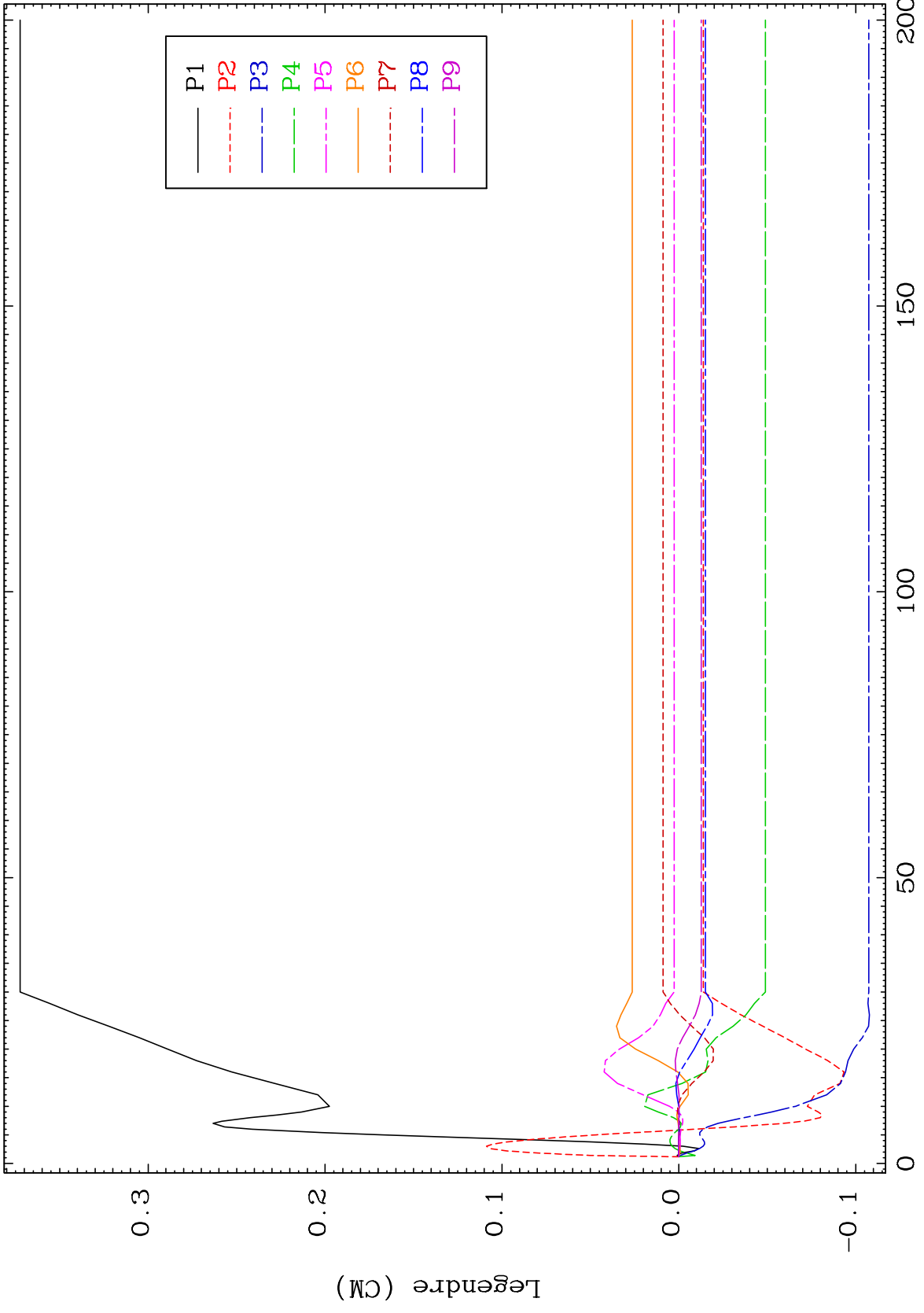
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



73

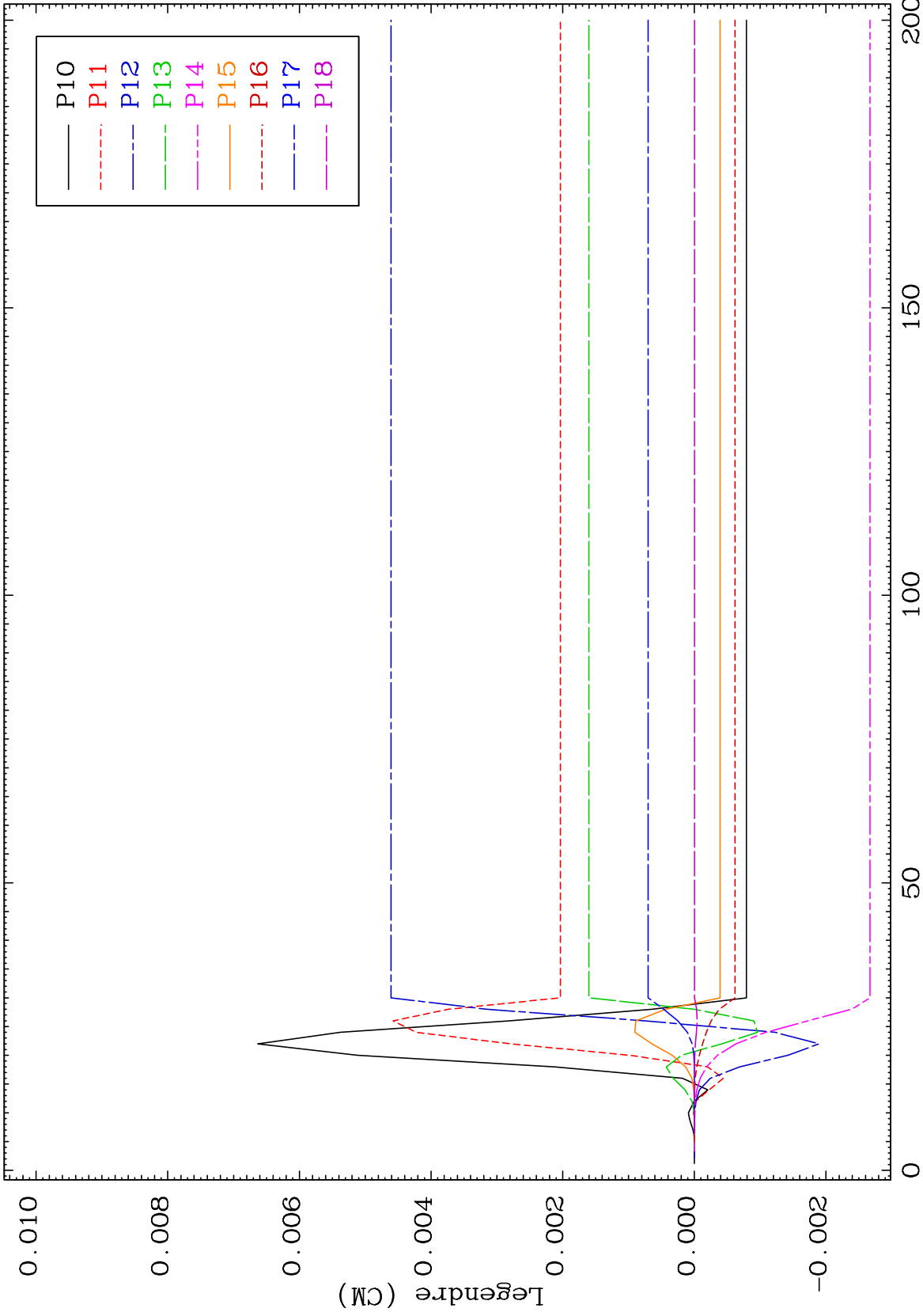
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



74

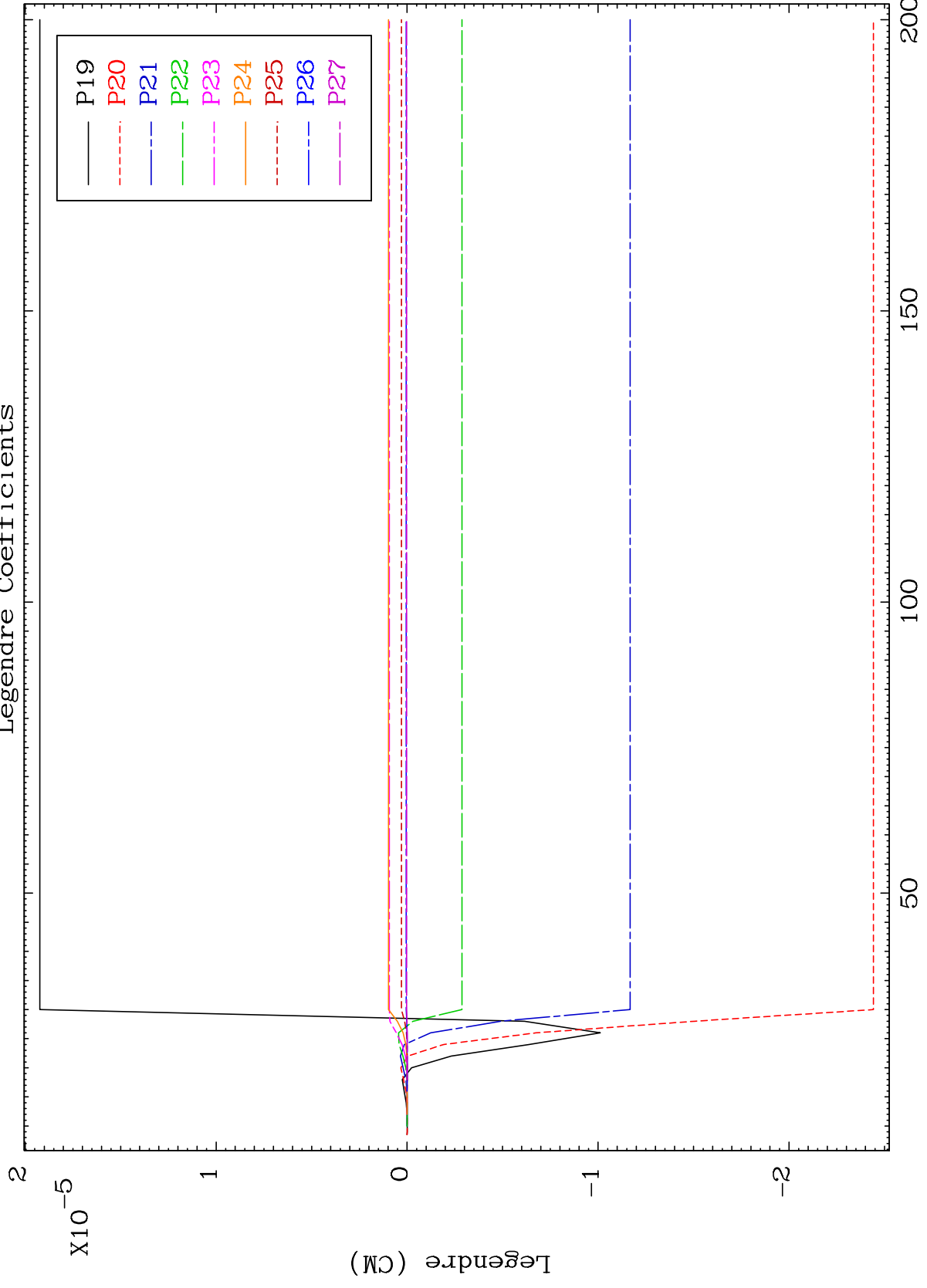
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



75

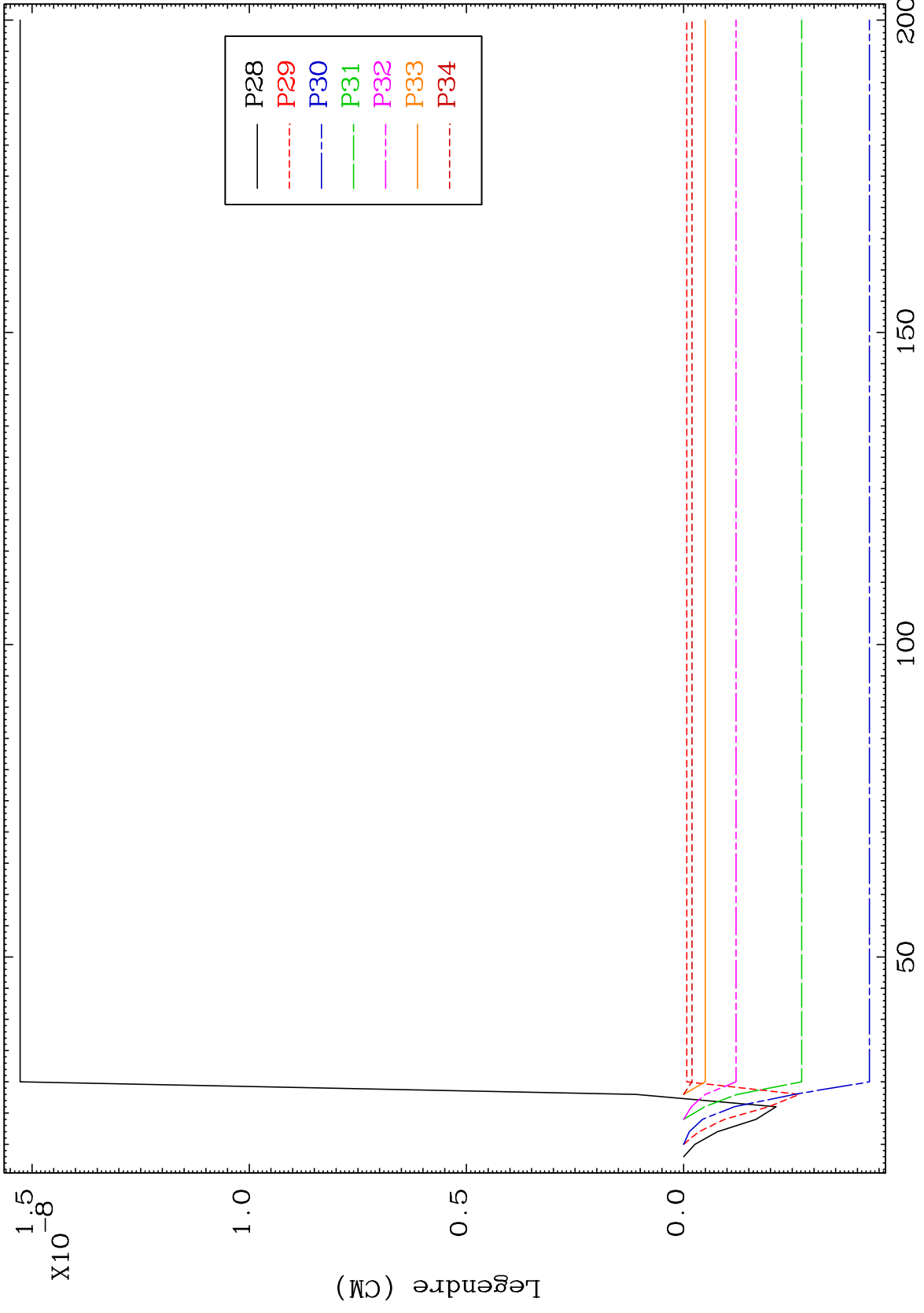
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



76

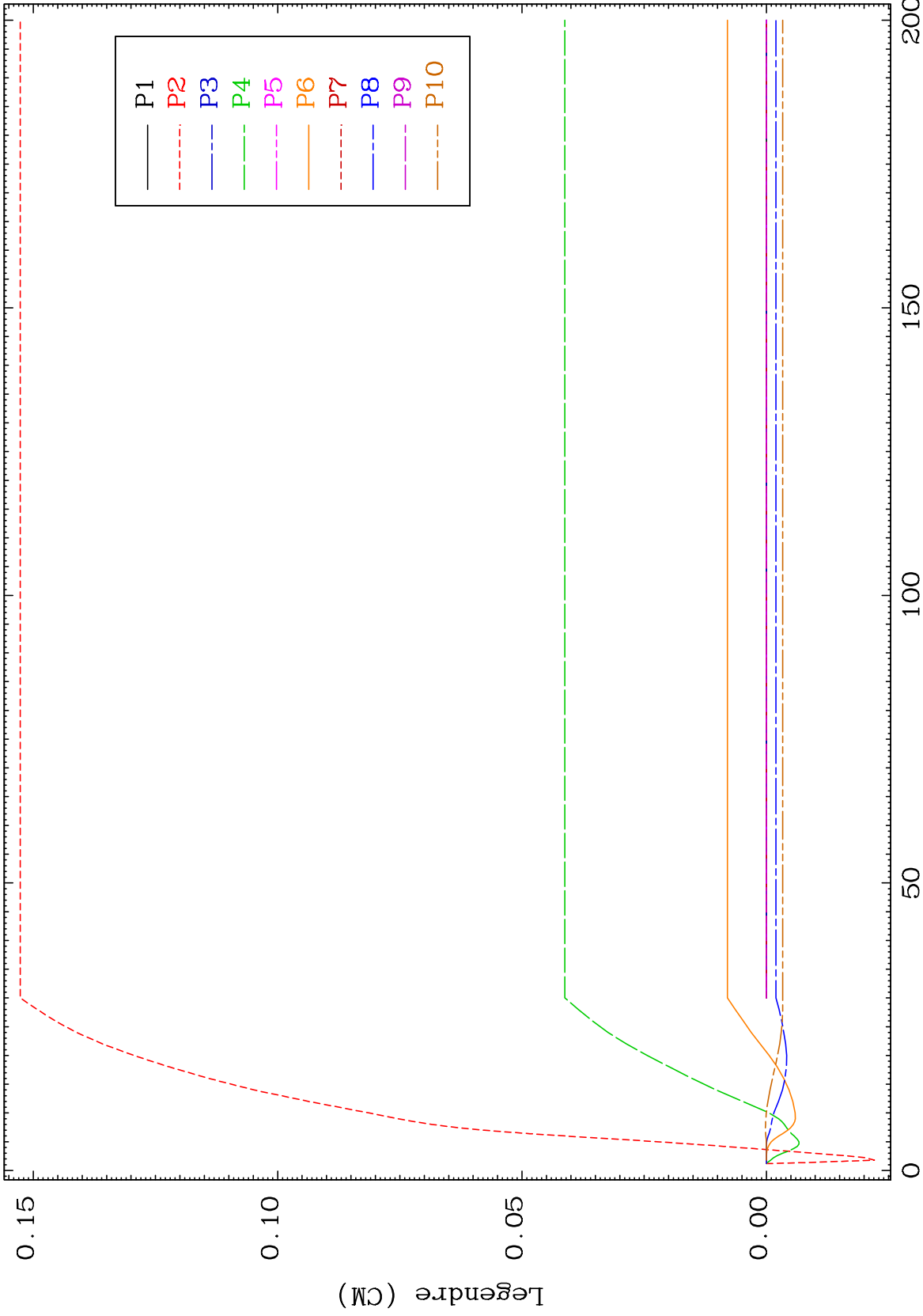
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



77

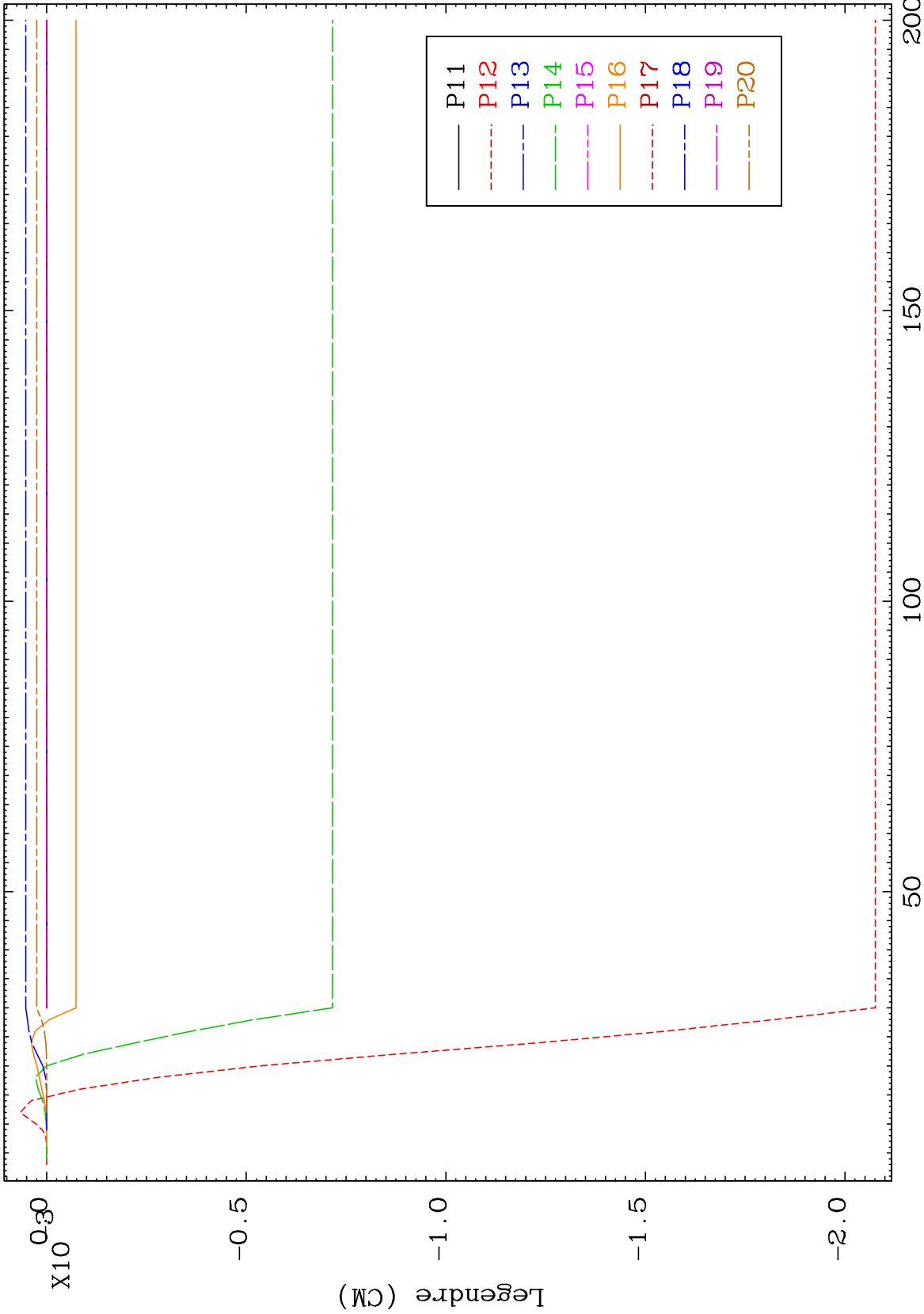
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



78

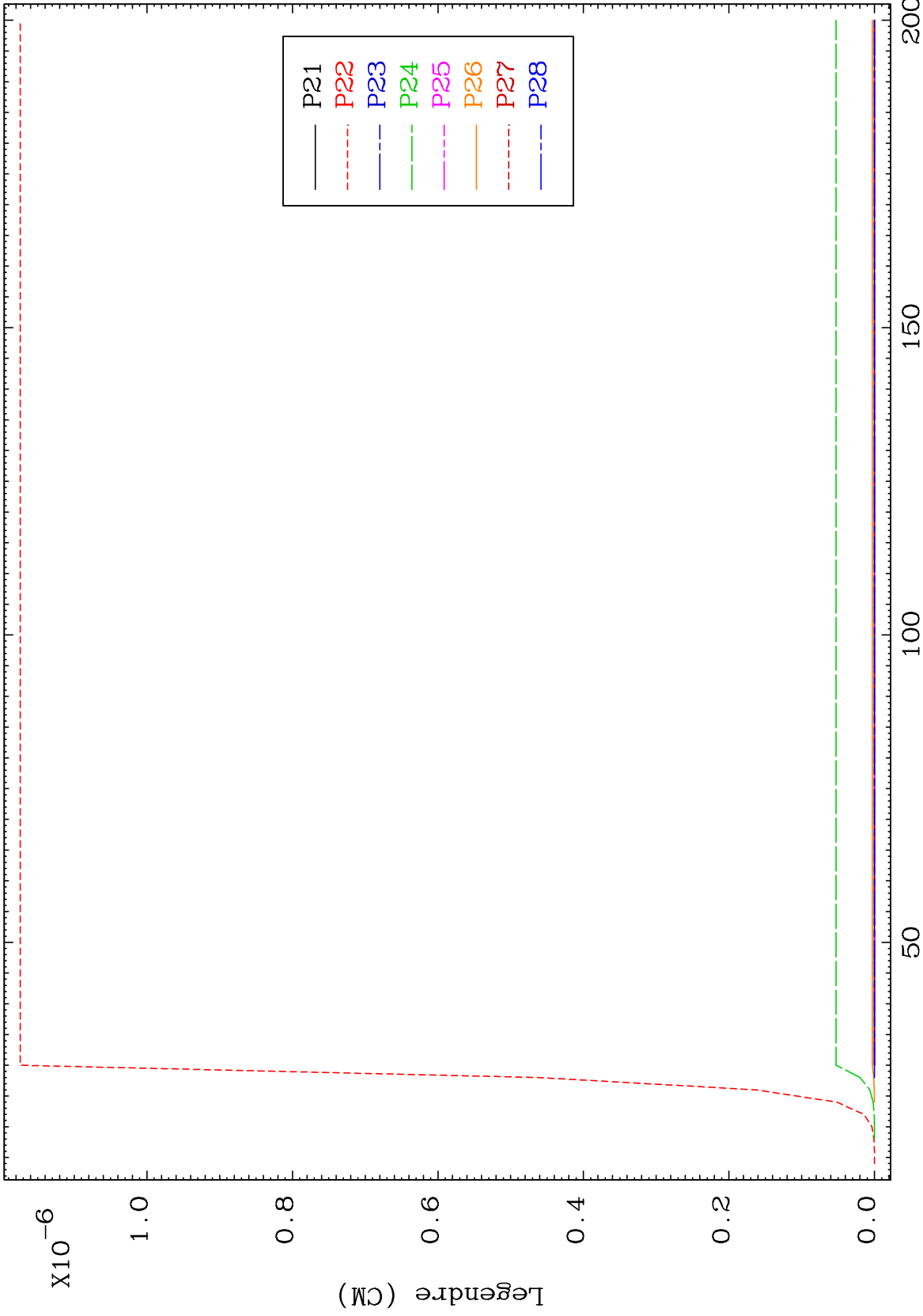
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

73-Ta-161



79

Incident Energy (MeV)

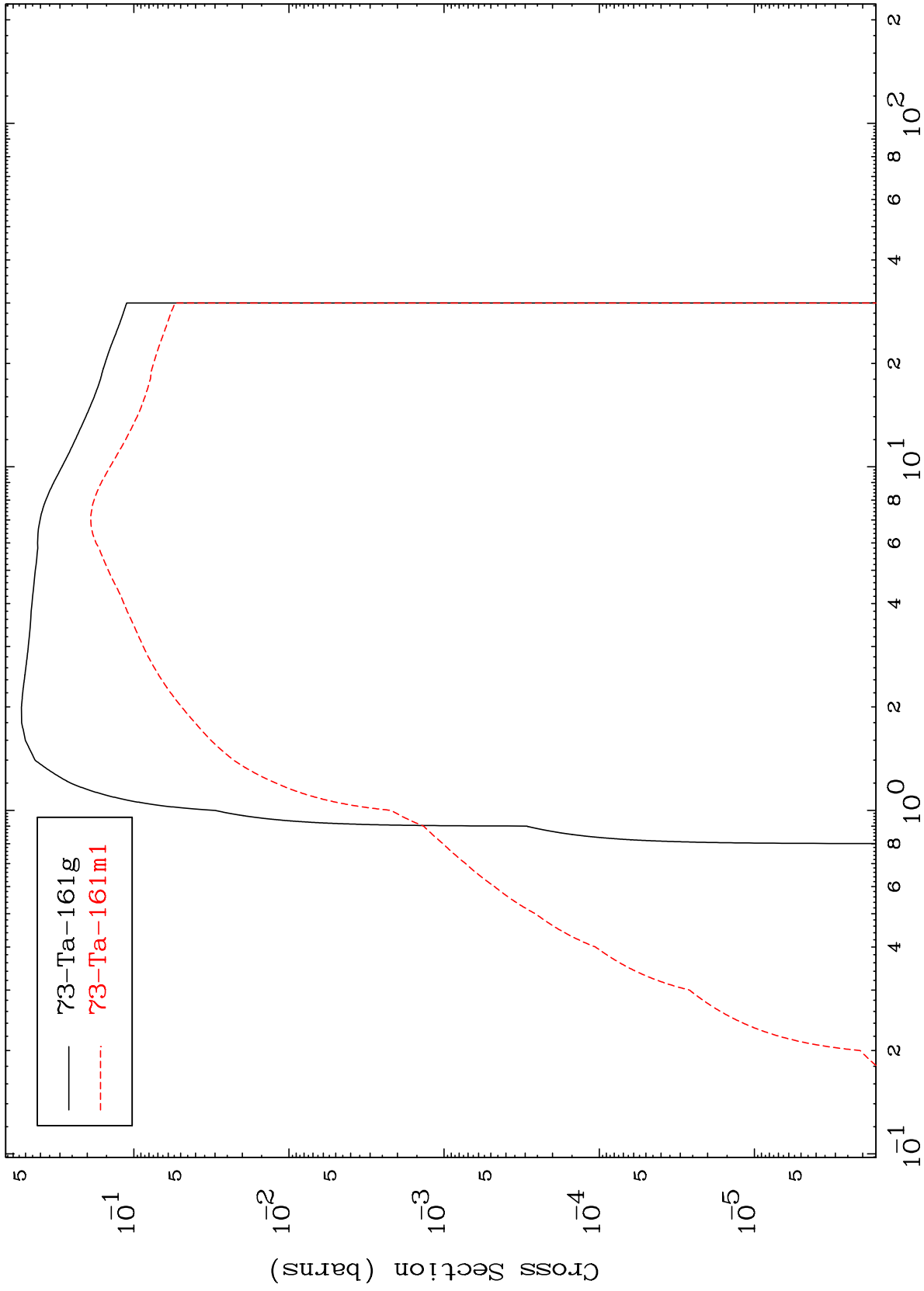
73-Ta-161



MAT 7268

# Radionuclide Production Cross Section

<sup>73</sup>Ta-161



80

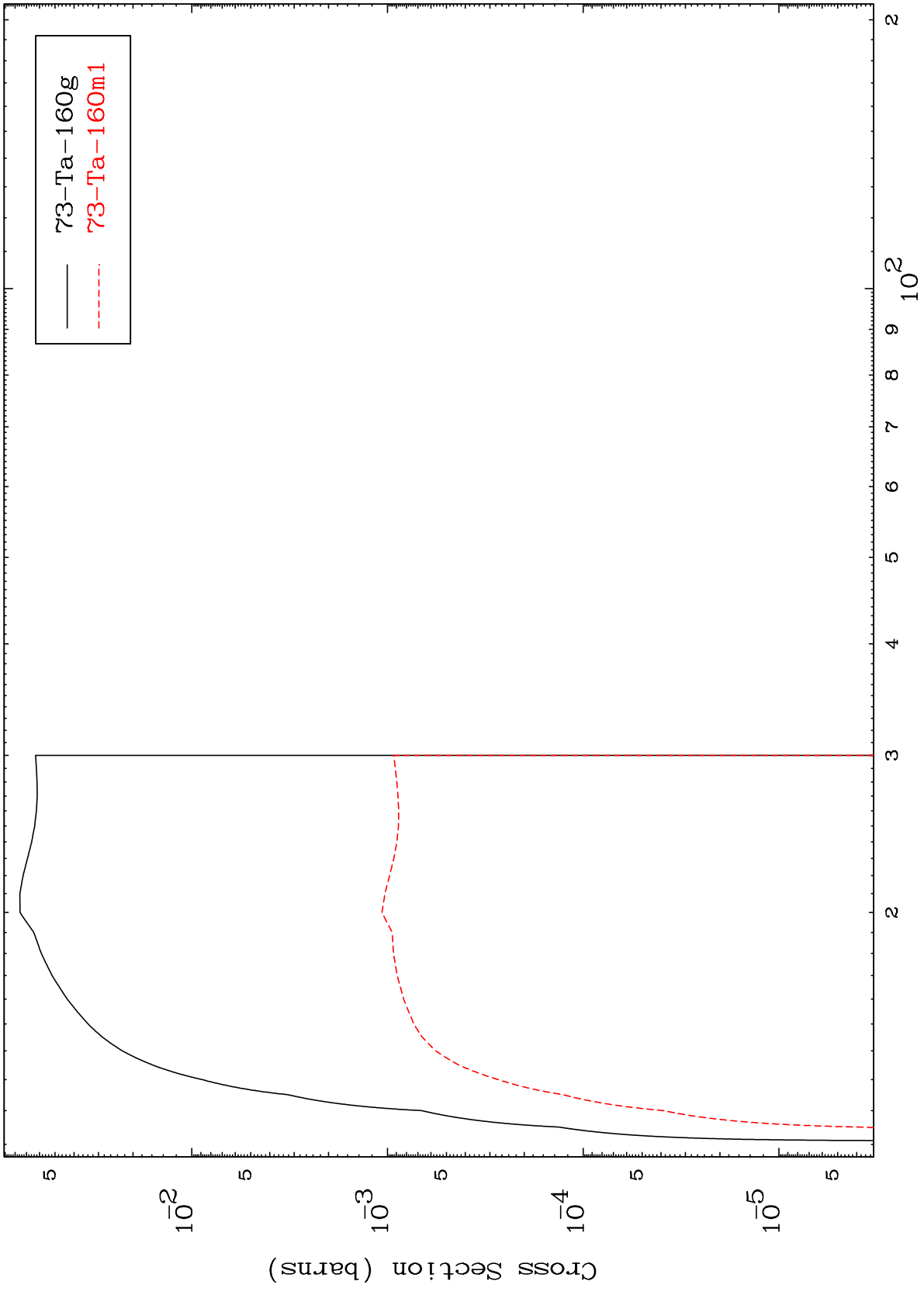
Incident Energy (MeV)

<sup>73</sup>Ta-161

MAT 7268

73-Ta-161

(n,2n)  
Radionuclide Production Cross Section



81

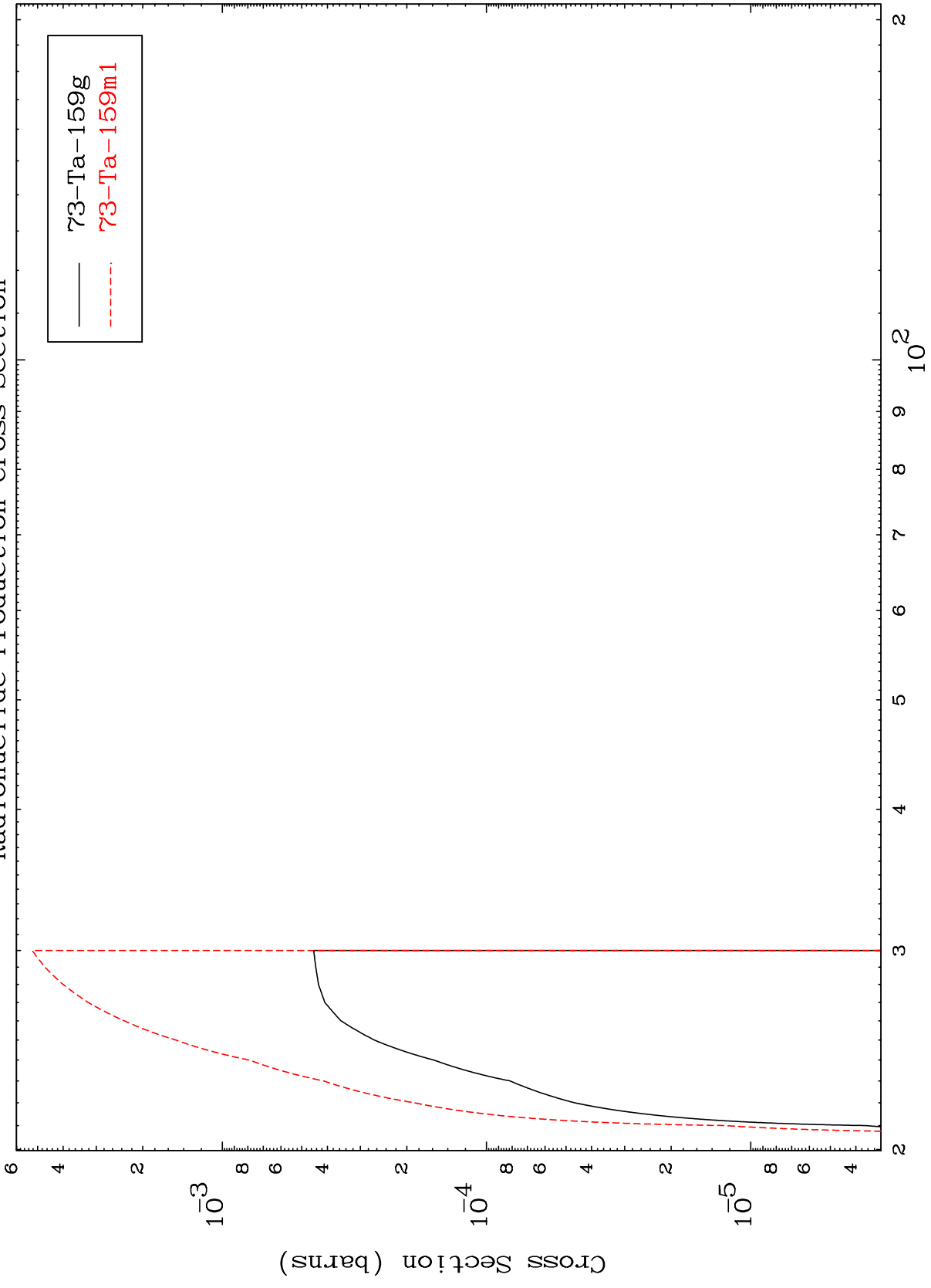
73-Ta-161

Incident Energy (MeV)

MAT 7268

<sup>73</sup>Ta-161

(n,3n)  
Radionuclide Production Cross Section



82

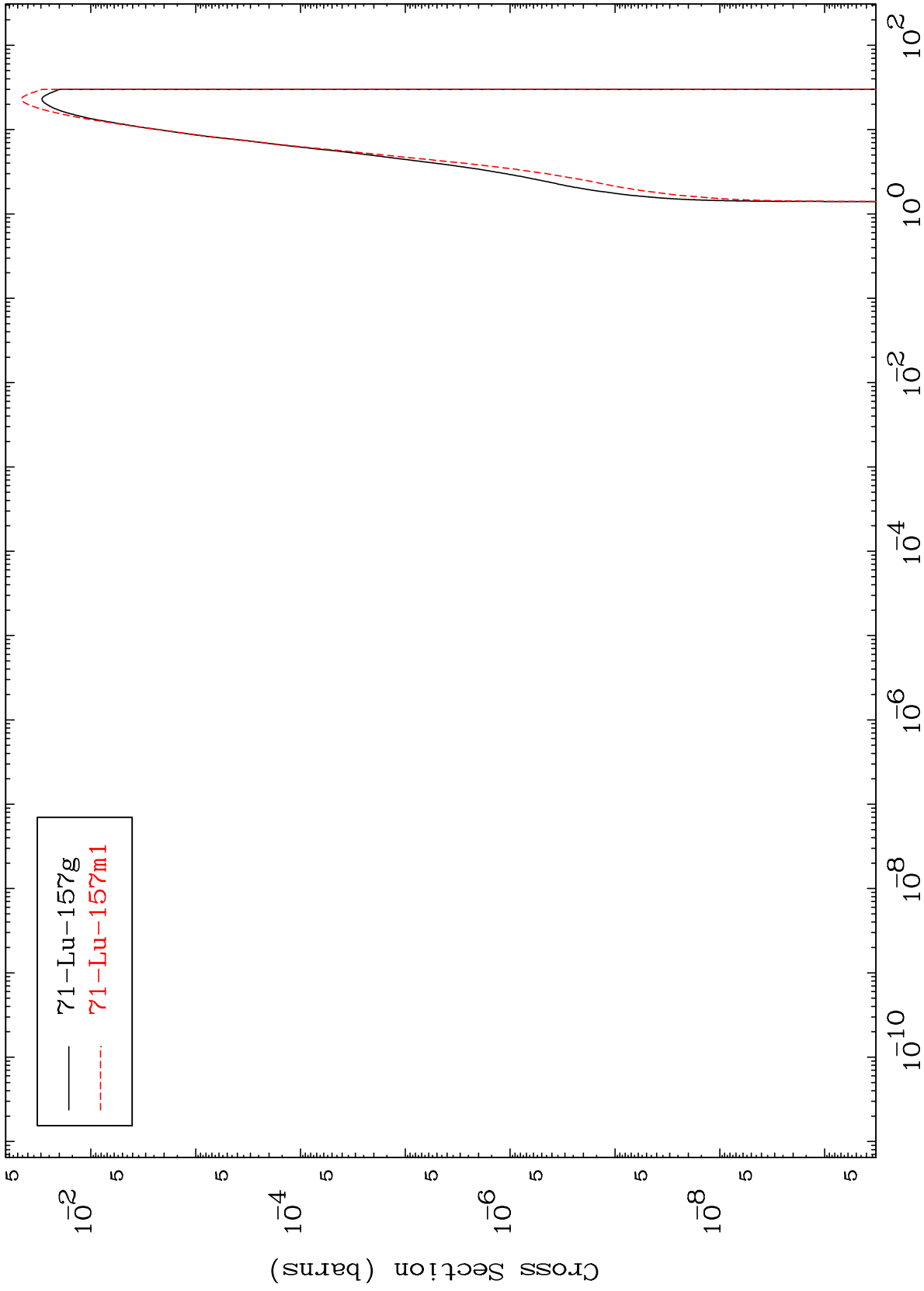
<sup>73</sup>Ta-161

MAT 7268

(n,n')  $\alpha$

<sup>73</sup>Ta-161

Radionuclide Production Cross Section



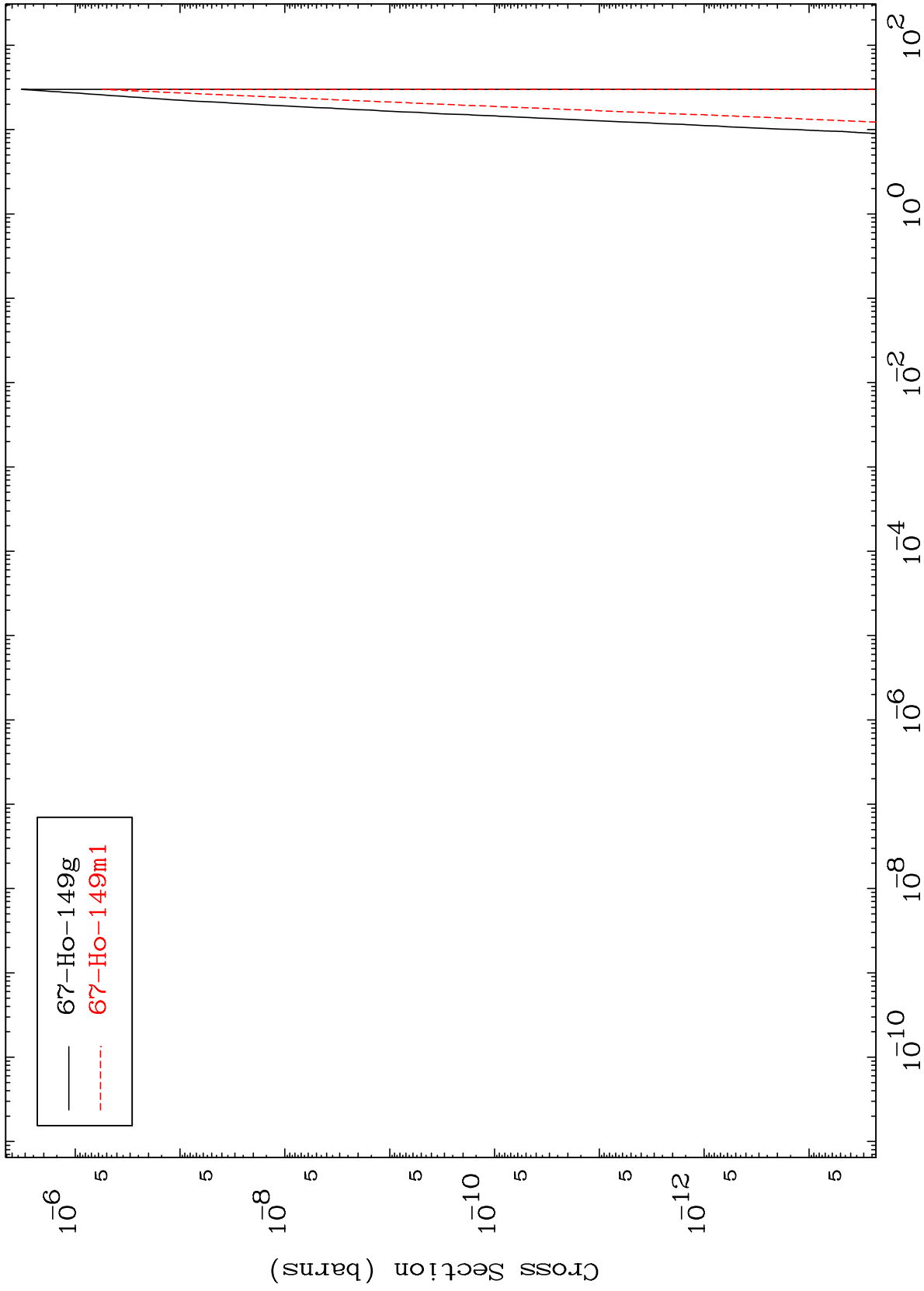
83

MAT 7268

(n,n') 3 $\alpha$

73-Ta-161

Radionuclide Production Cross Section



84

Incident Energy (MeV)

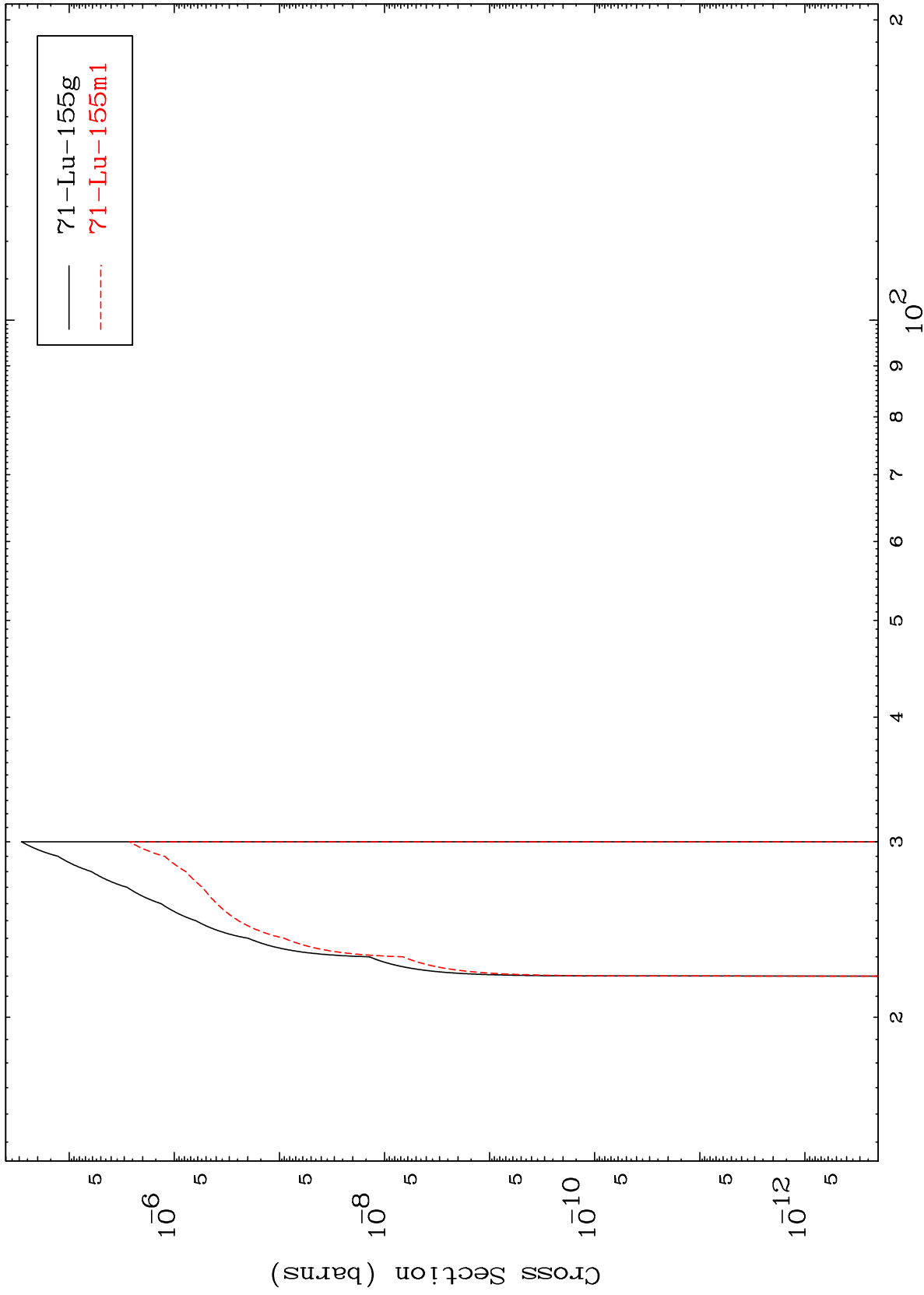
73-Ta-161

MAT 7268

(n,3n)  $\alpha$

<sup>73</sup>Ta-161

Radionuclide Production Cross Section



85

Incident Energy (MeV)

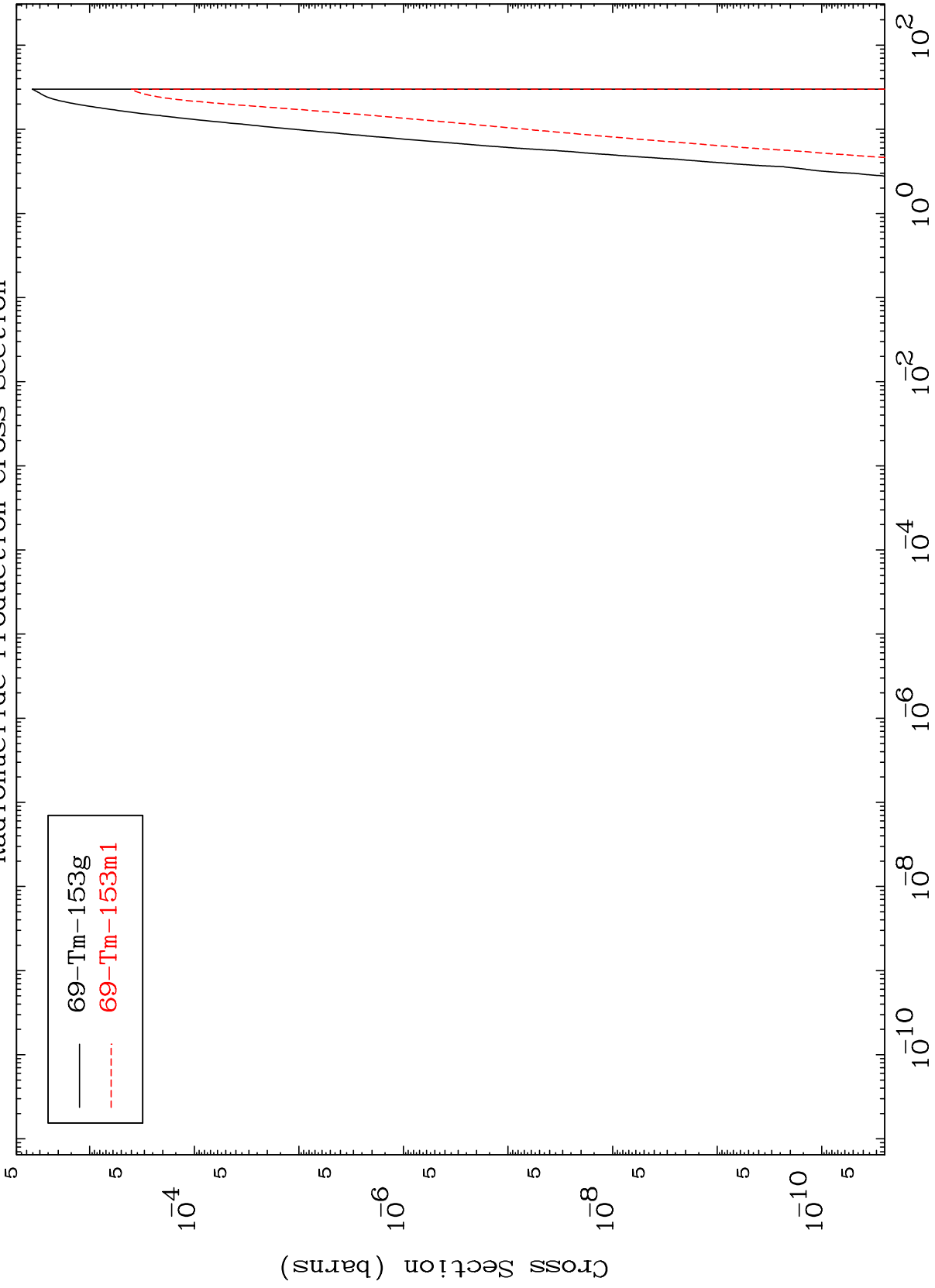
<sup>73</sup>Ta-161

MAT 7268

(n,n') 2 $\alpha$

73-Ta-161

Radionuclide Production Cross Section



— 69-Tm-153g  
- - - 69-Tm-153m1

86

Incident Energy (MeV)

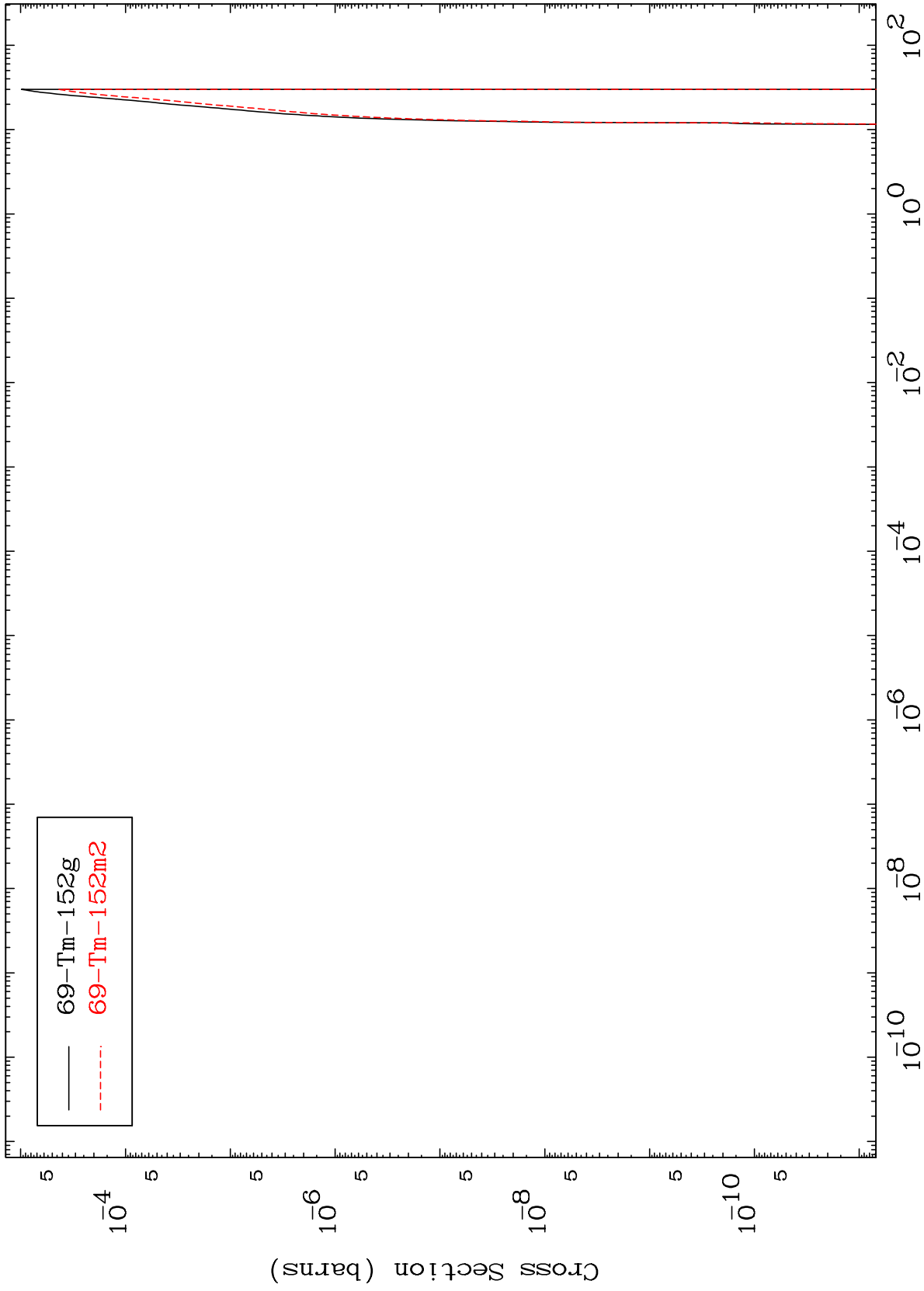
73-Ta-161

MAT 7268

(n,2n) 2α

73-Ta-161

Radionuclide Production Cross Section



87

Incident Energy (MeV)

73-Ta-161

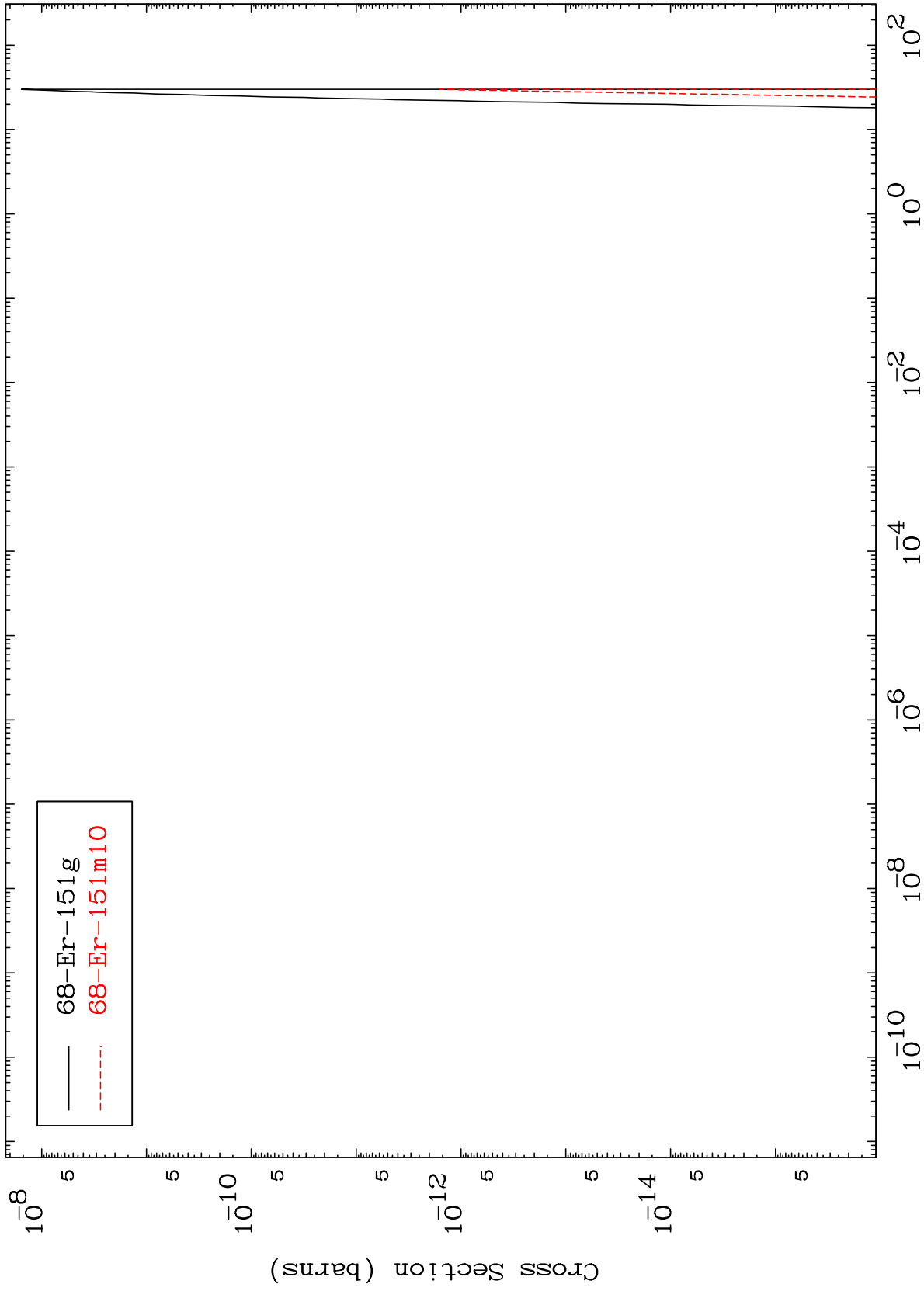


MAT 7268

(n, n') d, 2α

73-Ta-161

Radionuclide Production Cross Section



88

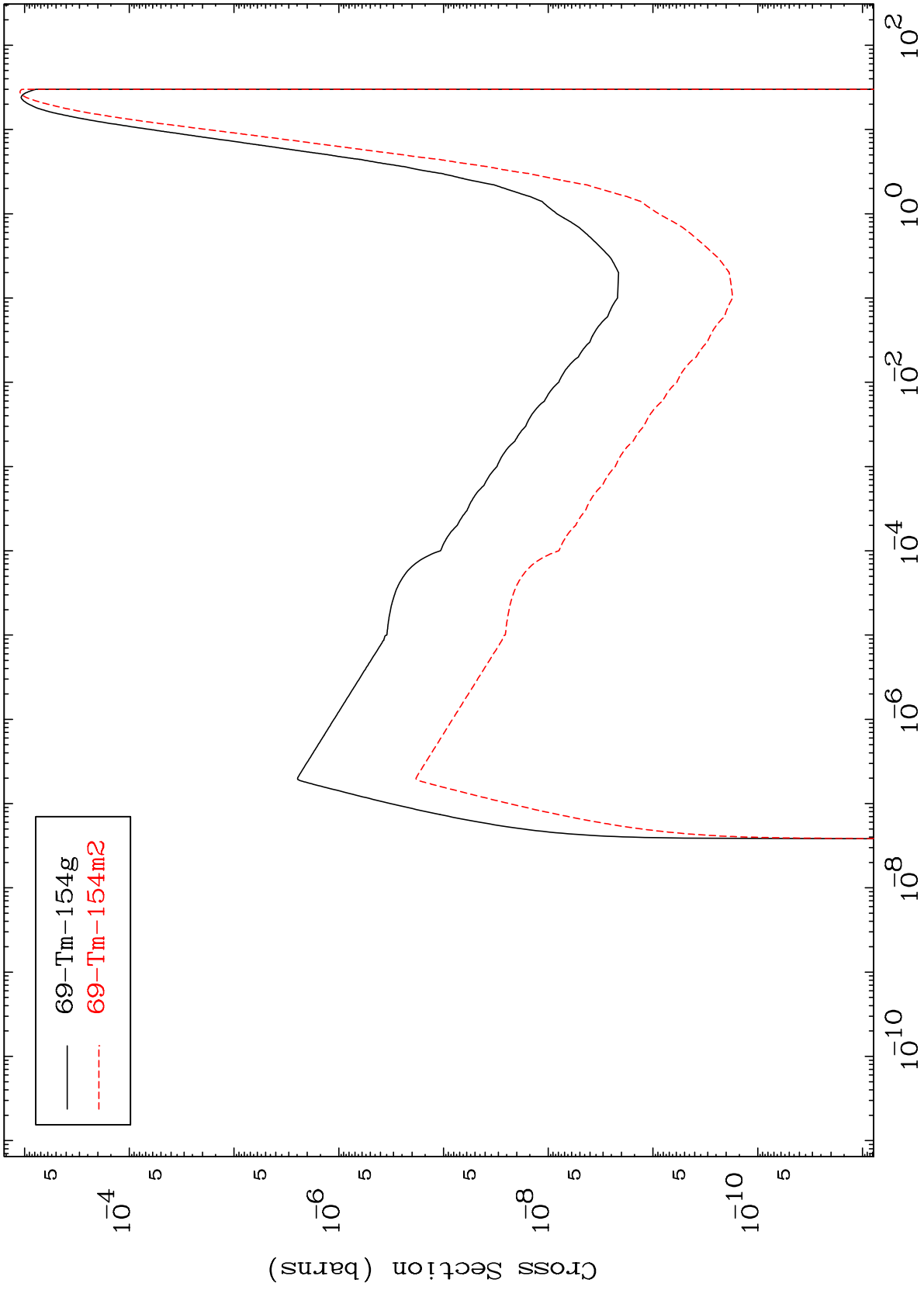
Incident Energy (MeV)

73-Ta-161

MAT 7268

73-Ta-161

Radionuclide Production Cross Section  
(n,2α)



89

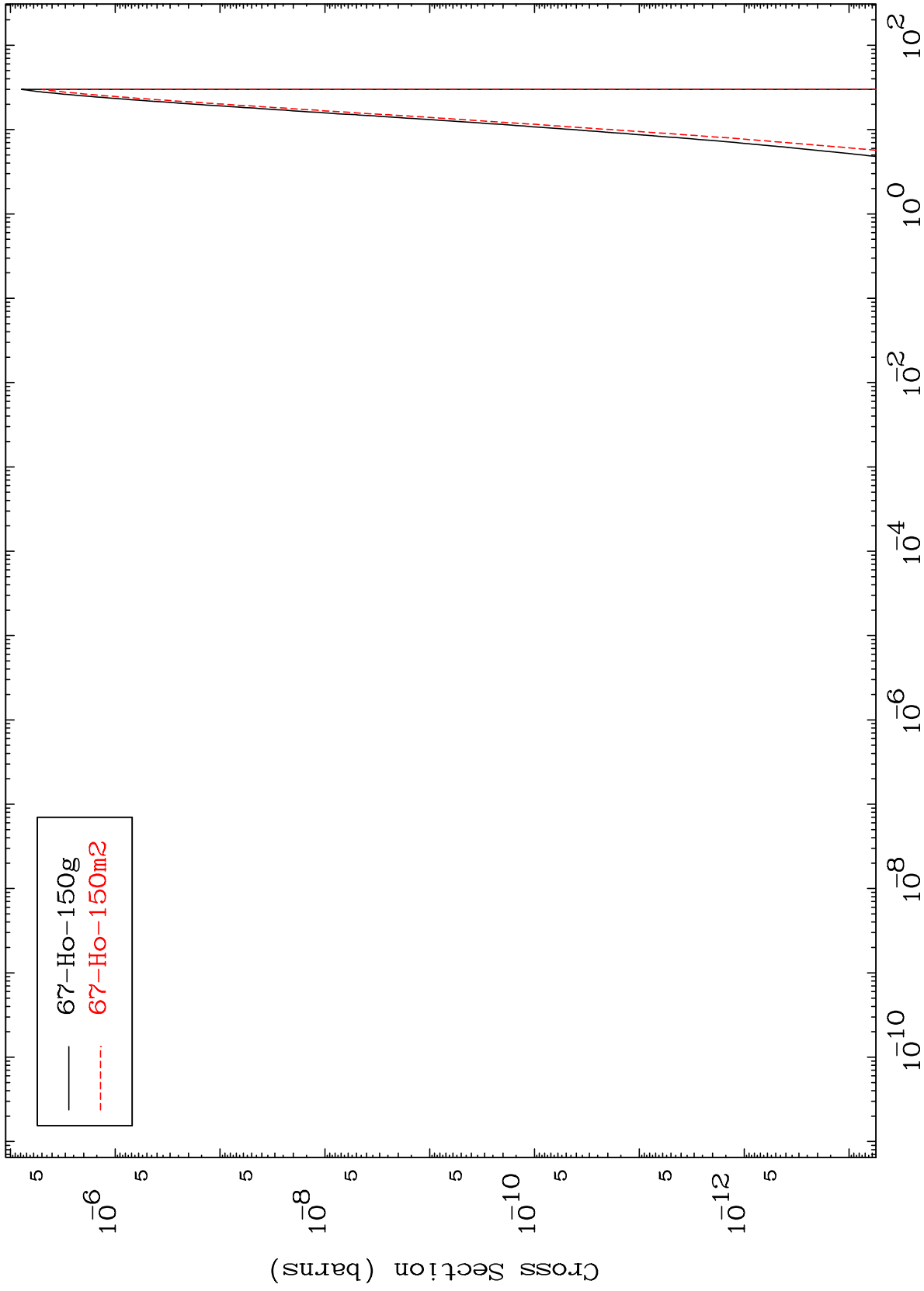
73-Ta-161

MAT 7268

(n,3α)

73-Ta-161

Radionuclide Production Cross Section



90

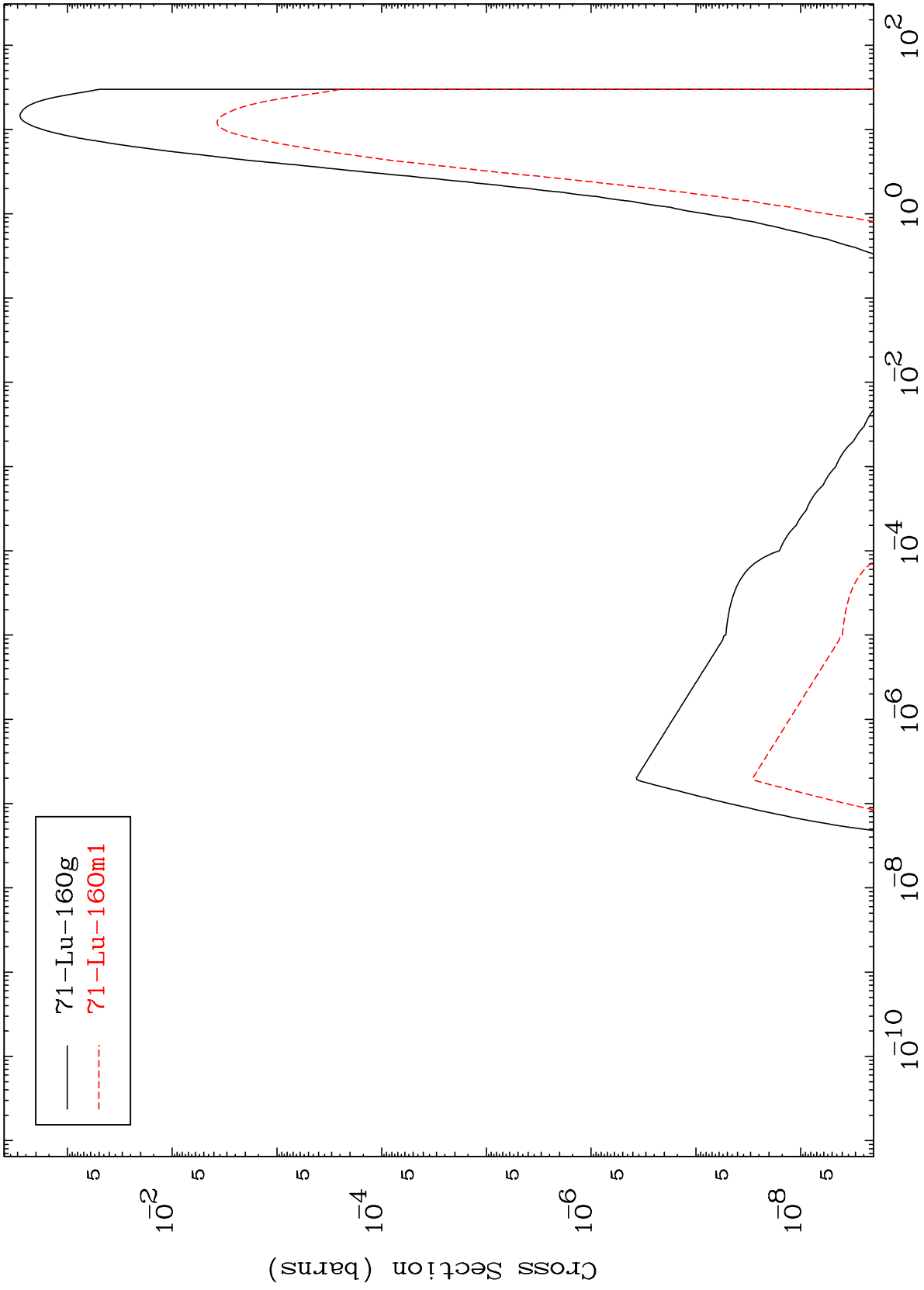
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,2p)  
Radionuclide Production Cross Section

73-Ta-161



91

Incident Energy (MeV)

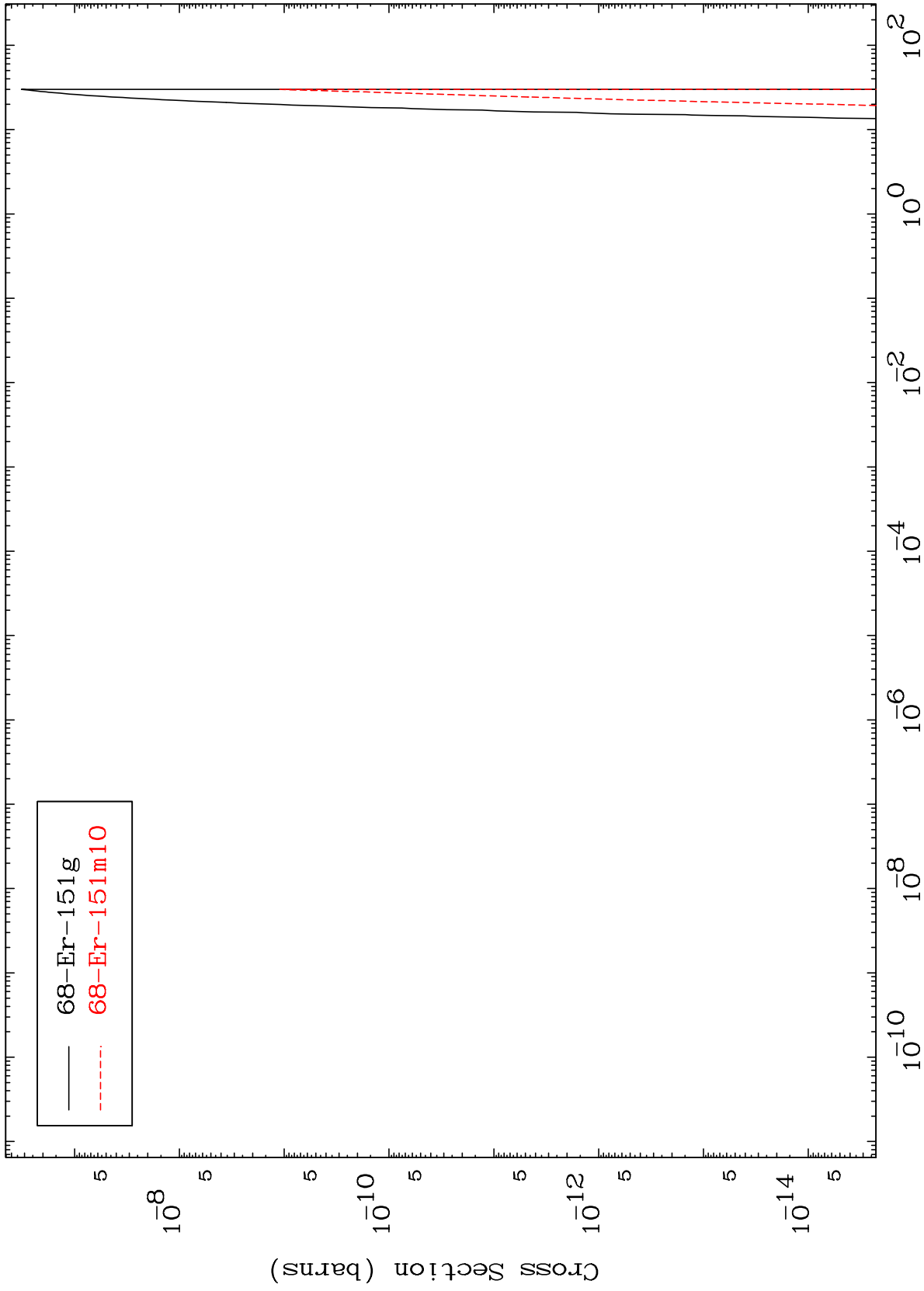
73-Ta-161

MAT 7268

(n, t)  $2\alpha$

$^{73}\text{Ta-161}$

Radionuclide Production Cross Section



92

Incident Energy (MeV)

$^{73}\text{Ta-161}$