

Program EVALPLOT  
(Version 2018-1)

by

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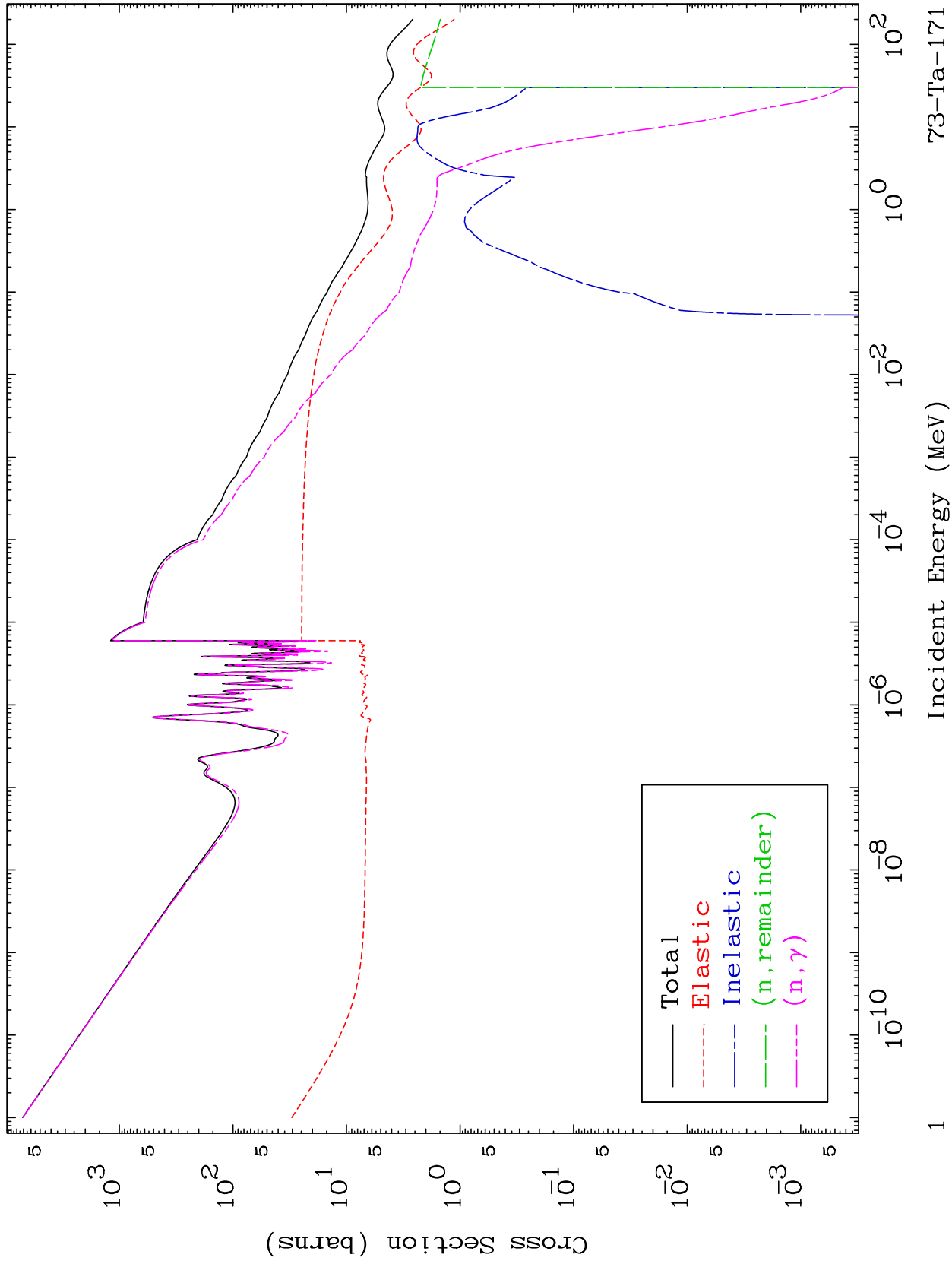
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7298

Major  
293 Kelvin Cross Sections

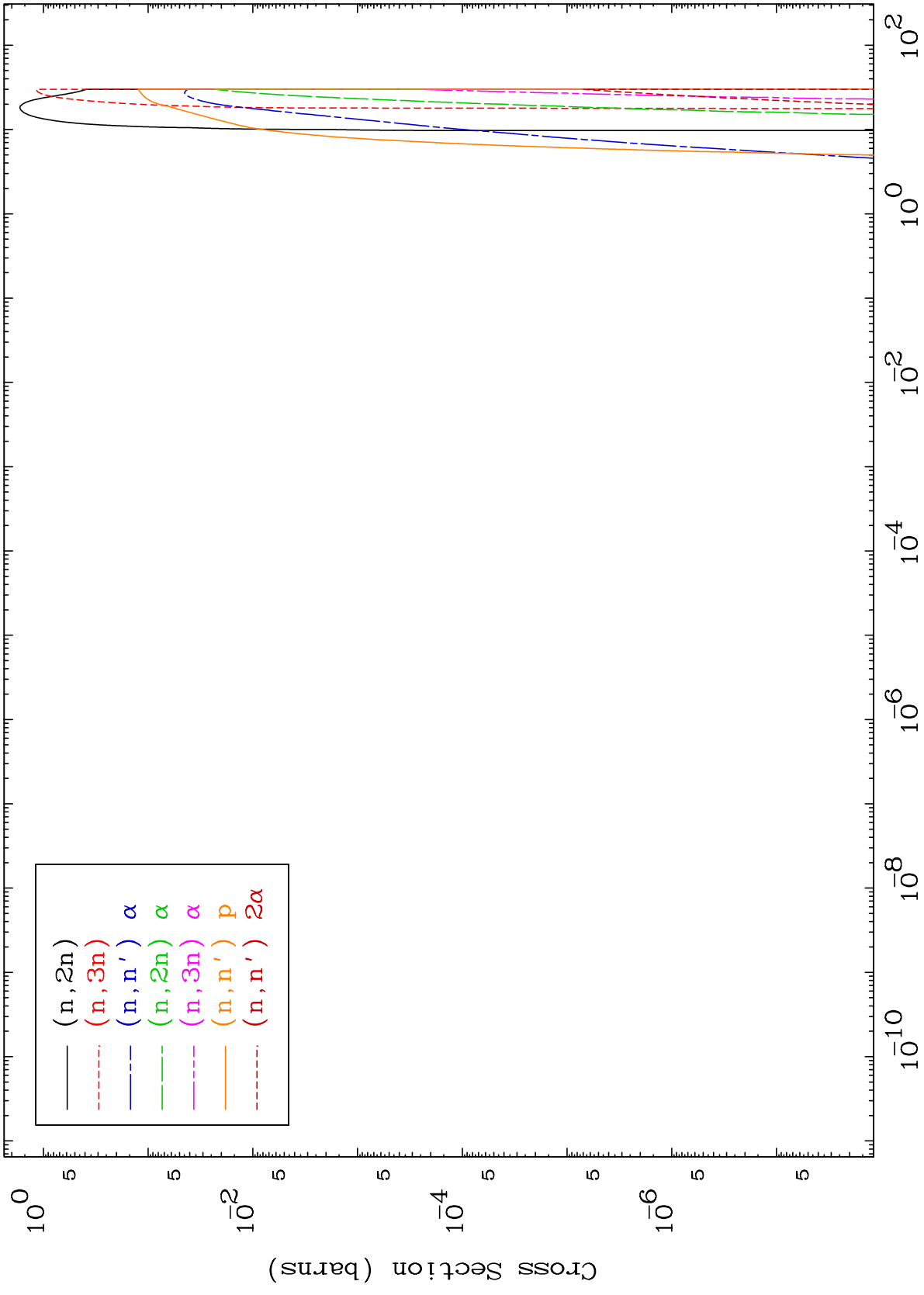
73-Ta-171



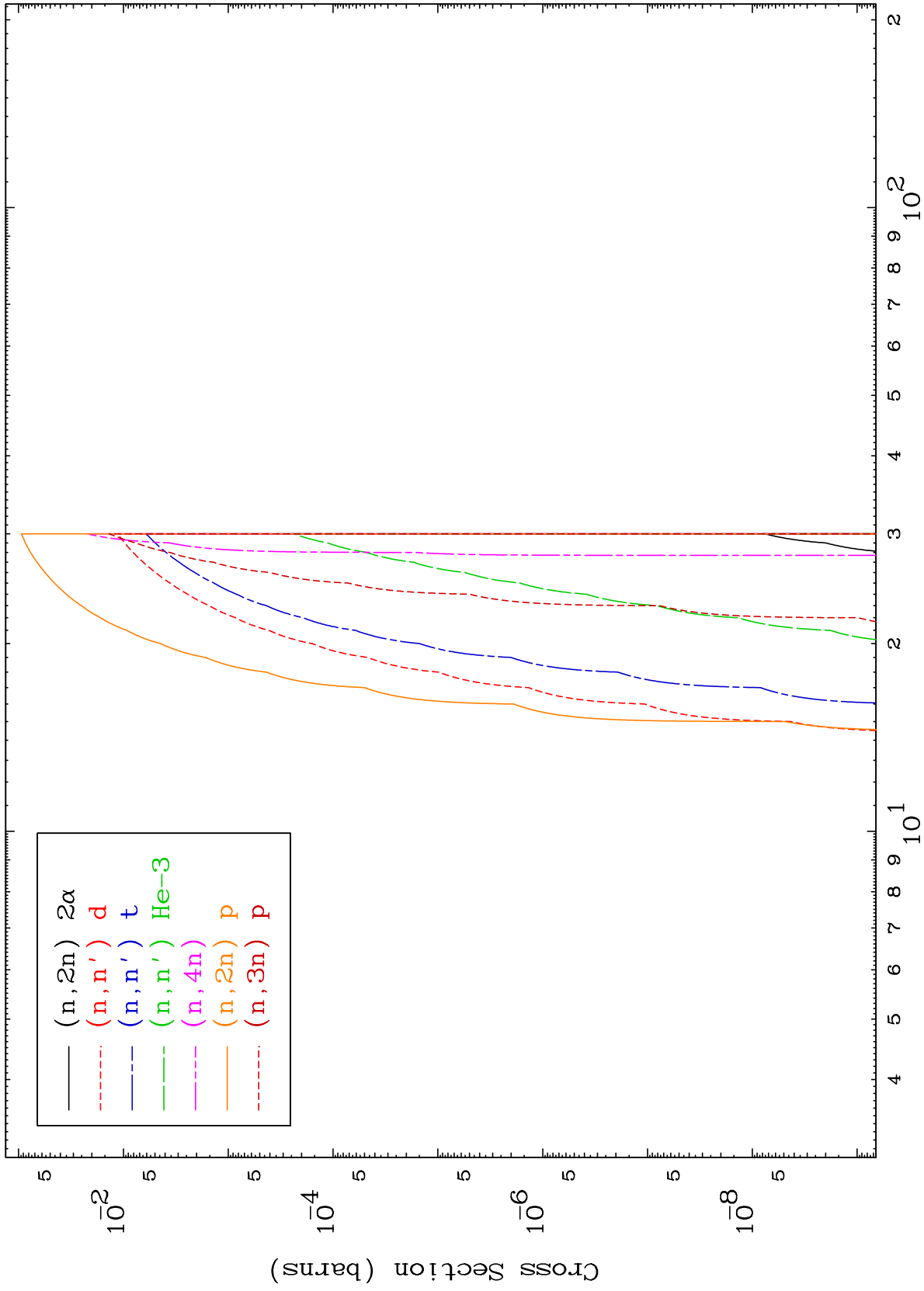
MAT 7298

Neutron Production  
293 Kelvin Cross Sections

73-Ta-171



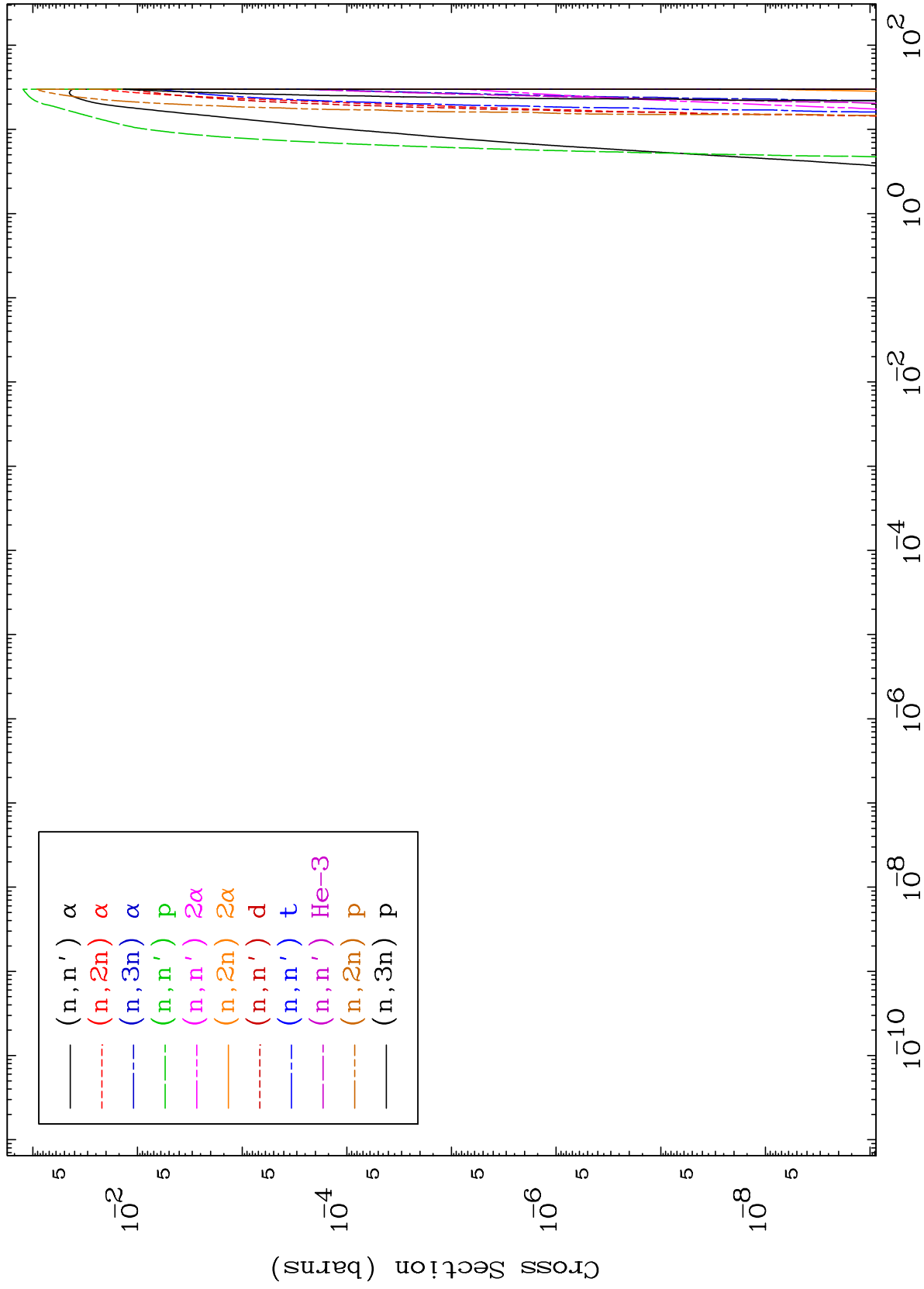
73-Ta-171



MAT 7298

Charged Particle  
293 Kelvin Cross Sections

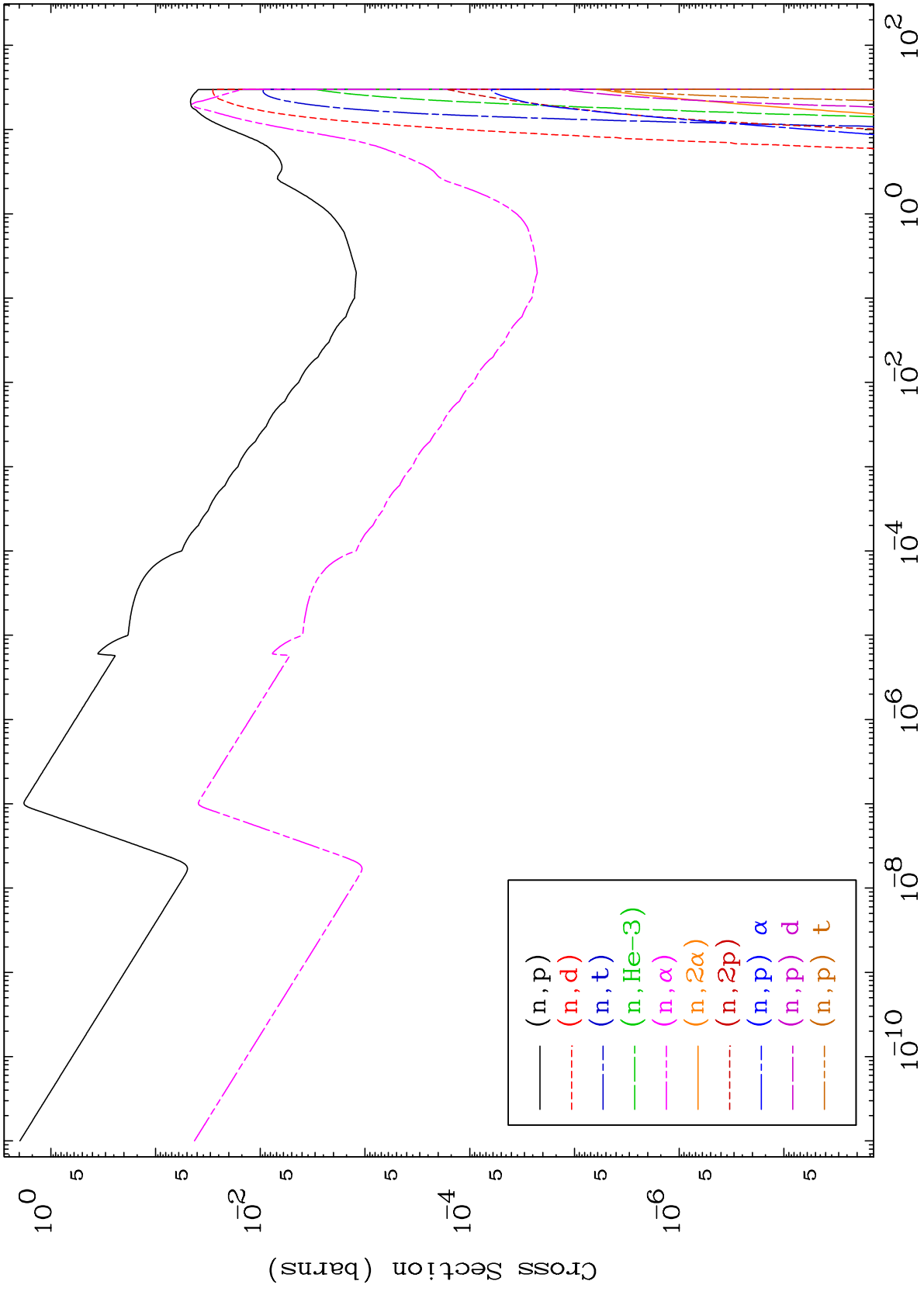
73-Ta-171



MAT 7298

293 Kelvin Cross Sections

73-Ta-171

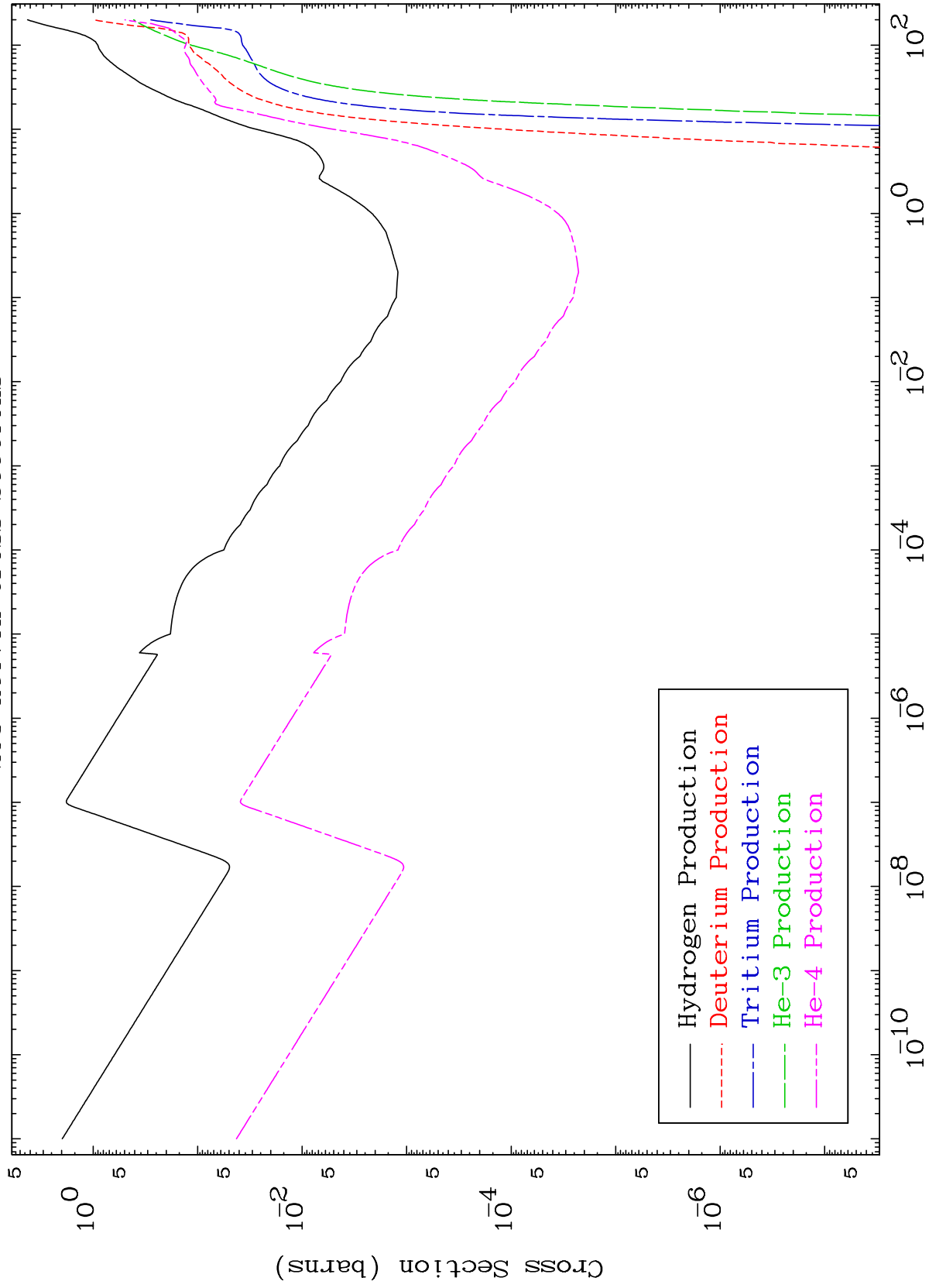


73-Ta-171

MAT 7298

Particle Production  
293 Kelvin Cross Sections

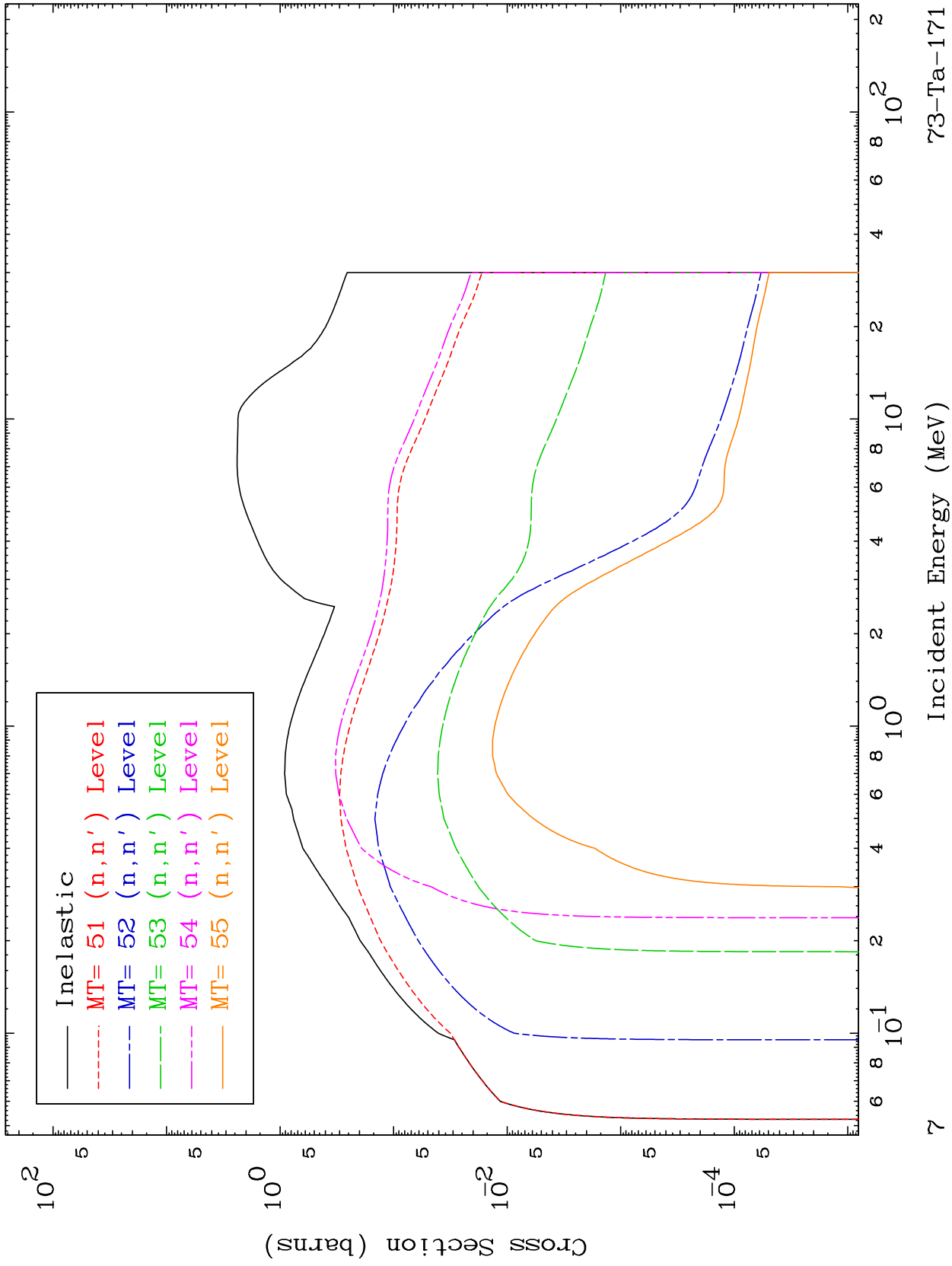
73-Ta-171



MAT 7298

293 Kelvin Cross Sections

73-Ta-171

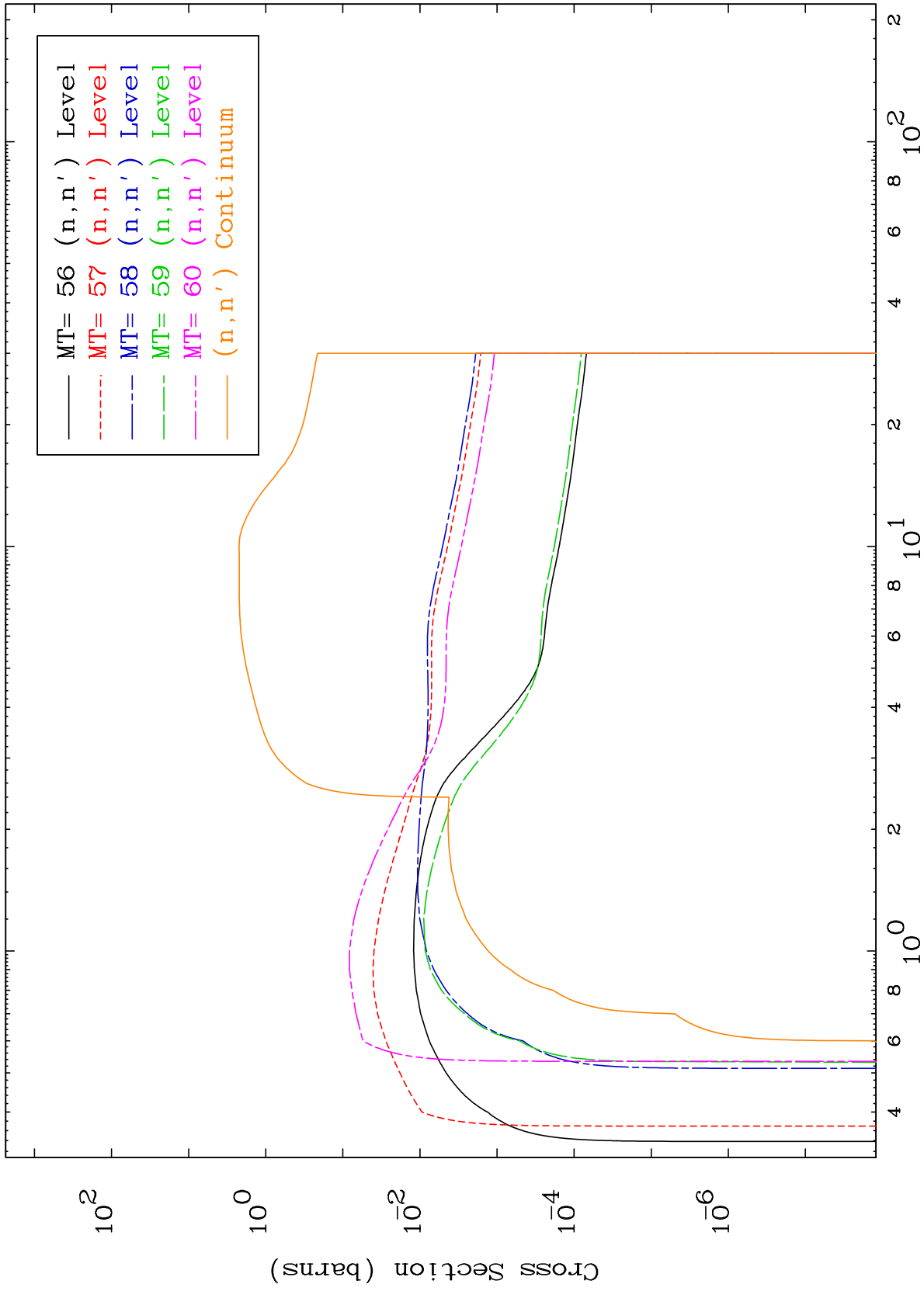




MAT 7298

(n,n') Level  
293 Kelvin Cross Sections

73-Ta-171



8

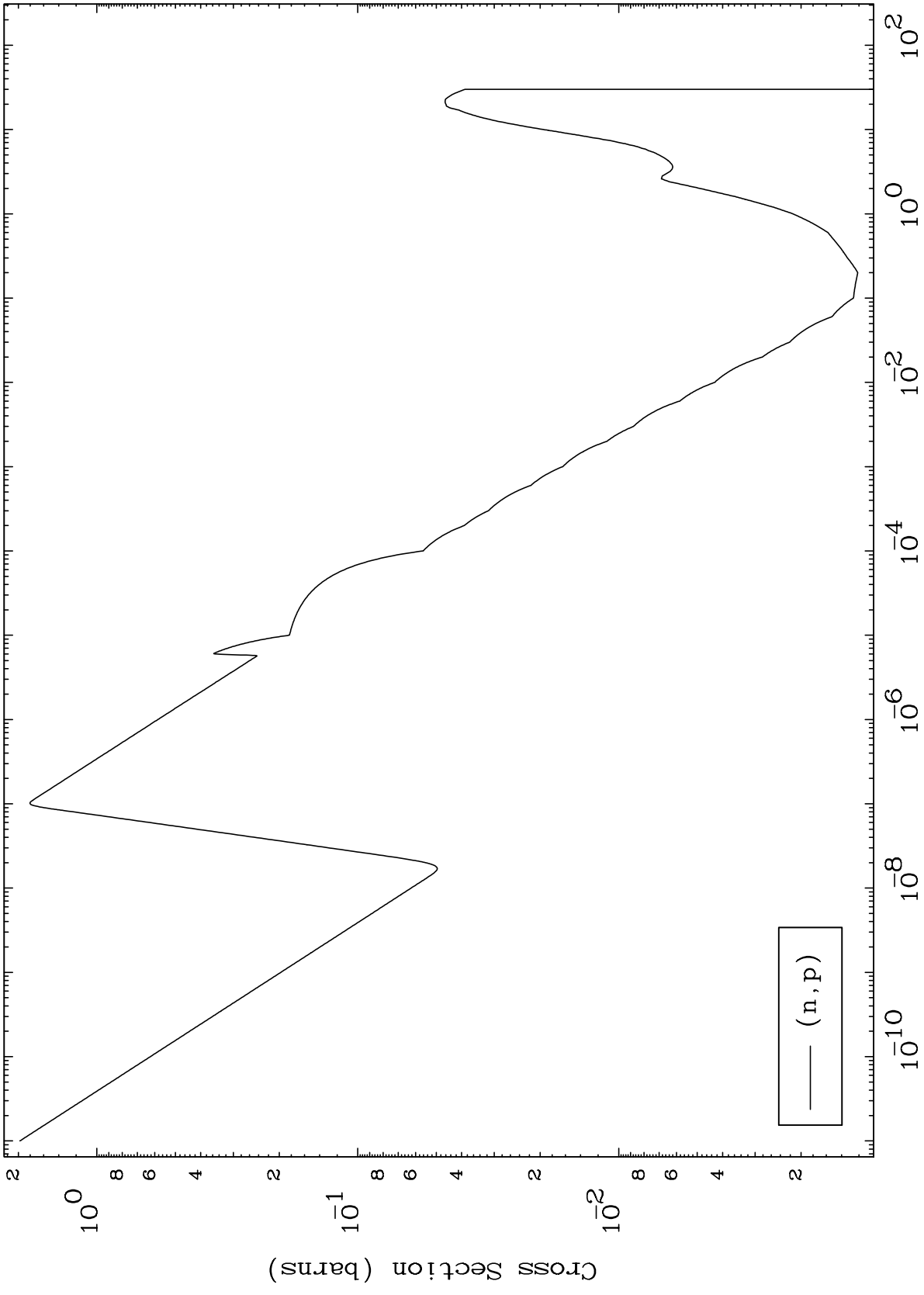
Incident Energy (MeV)

73-Ta-171

MAT 7298

(n,p) Levels  
293 Kelvin Cross Sections

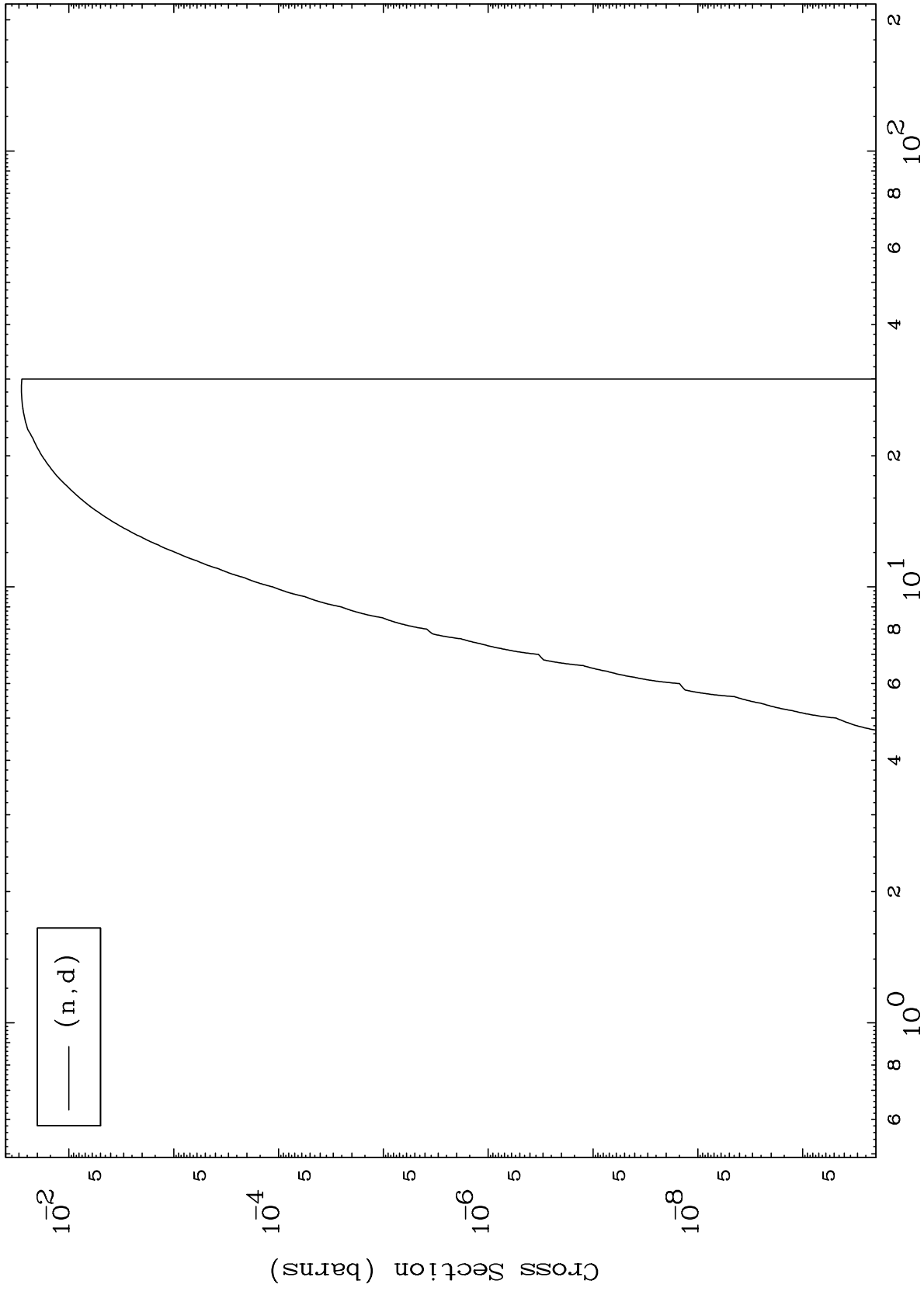
73-Ta-171



MAT 7298

(n,d) Levels  
293 Kelvin Cross Sections

73-Ta-171



10

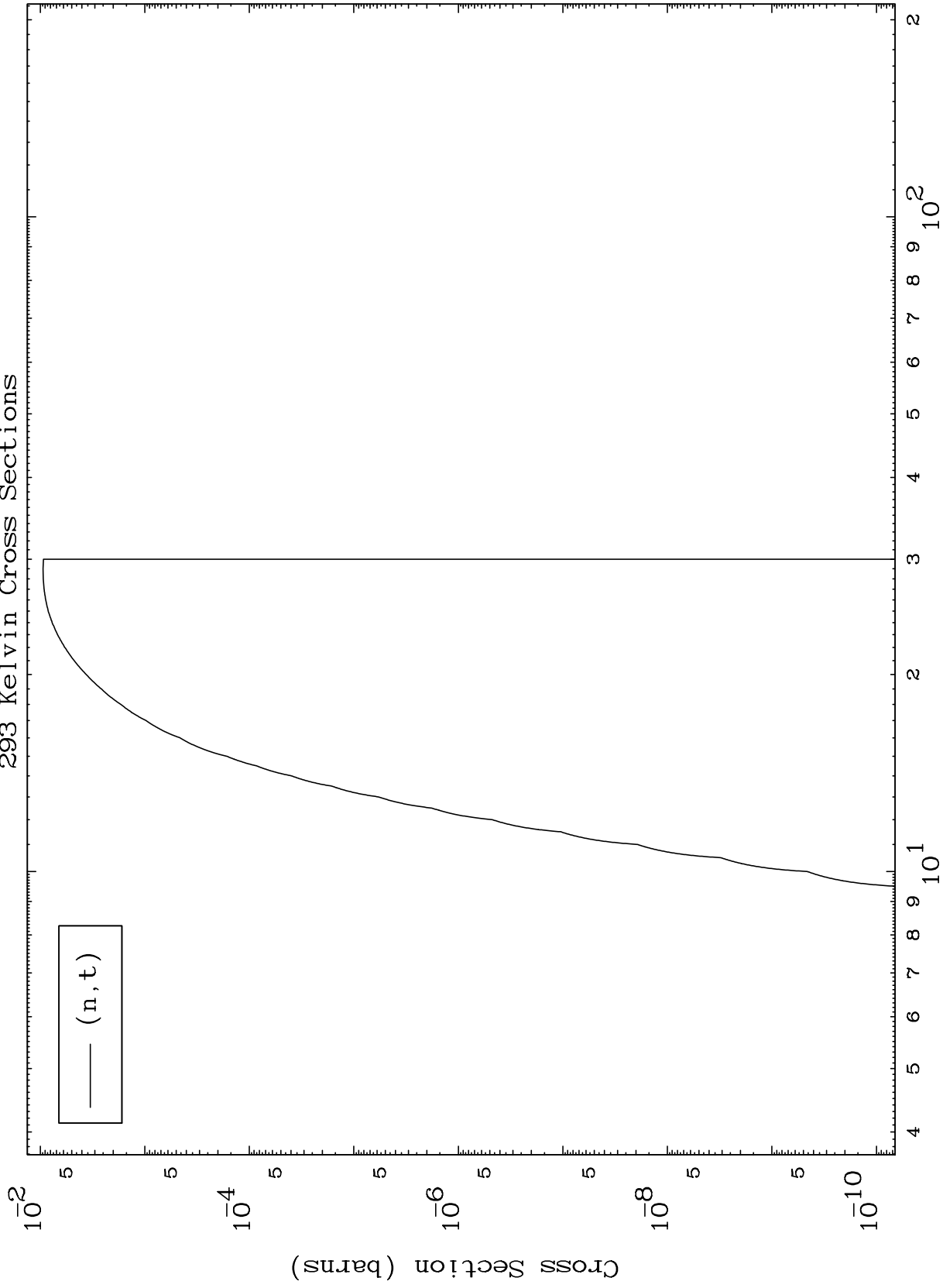
Incident Energy (MeV)

73-Ta-171

MAT 7298

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-171



11

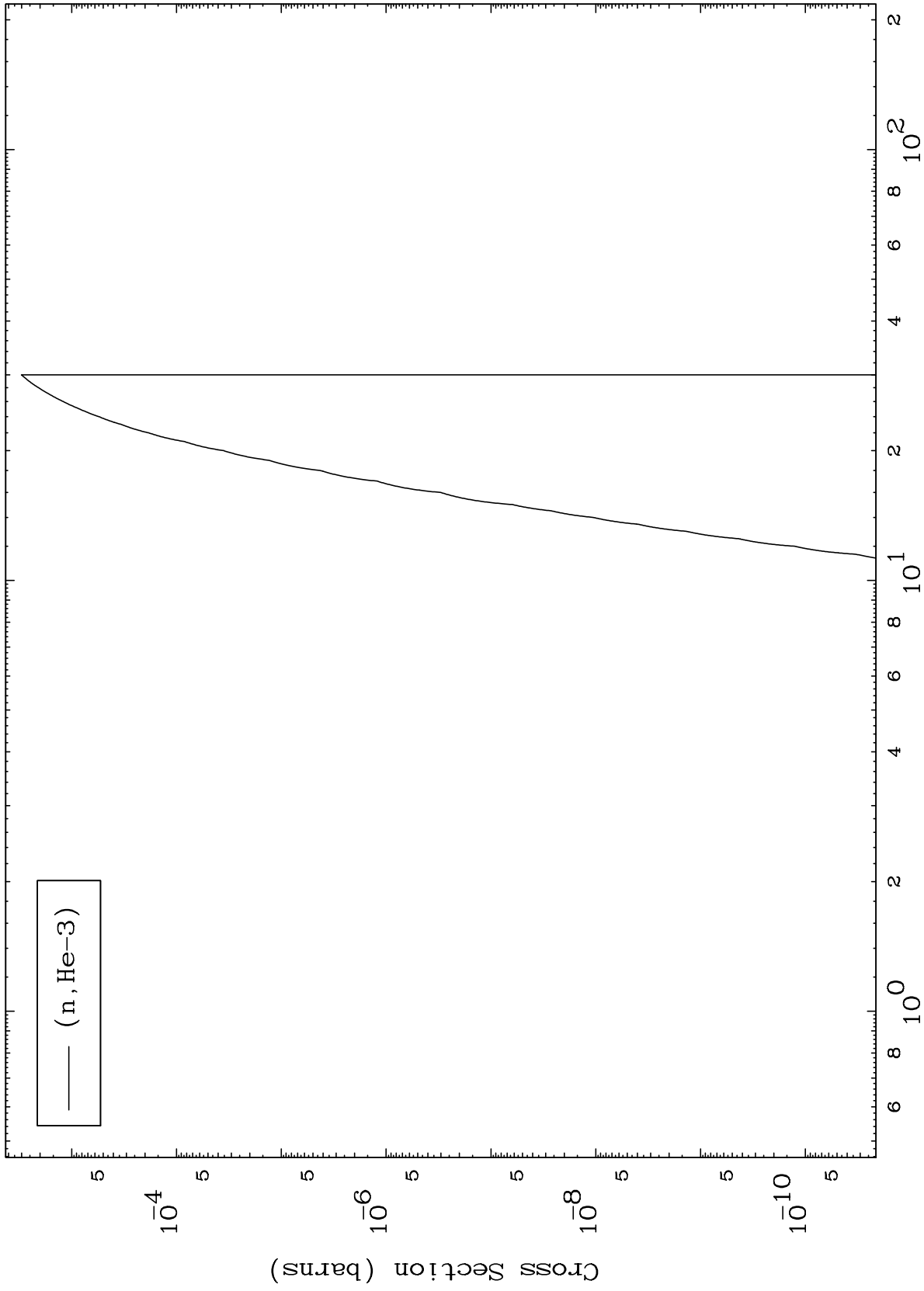
Incident Energy (MeV)

73-Ta-171

MAT 7298

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-171



12

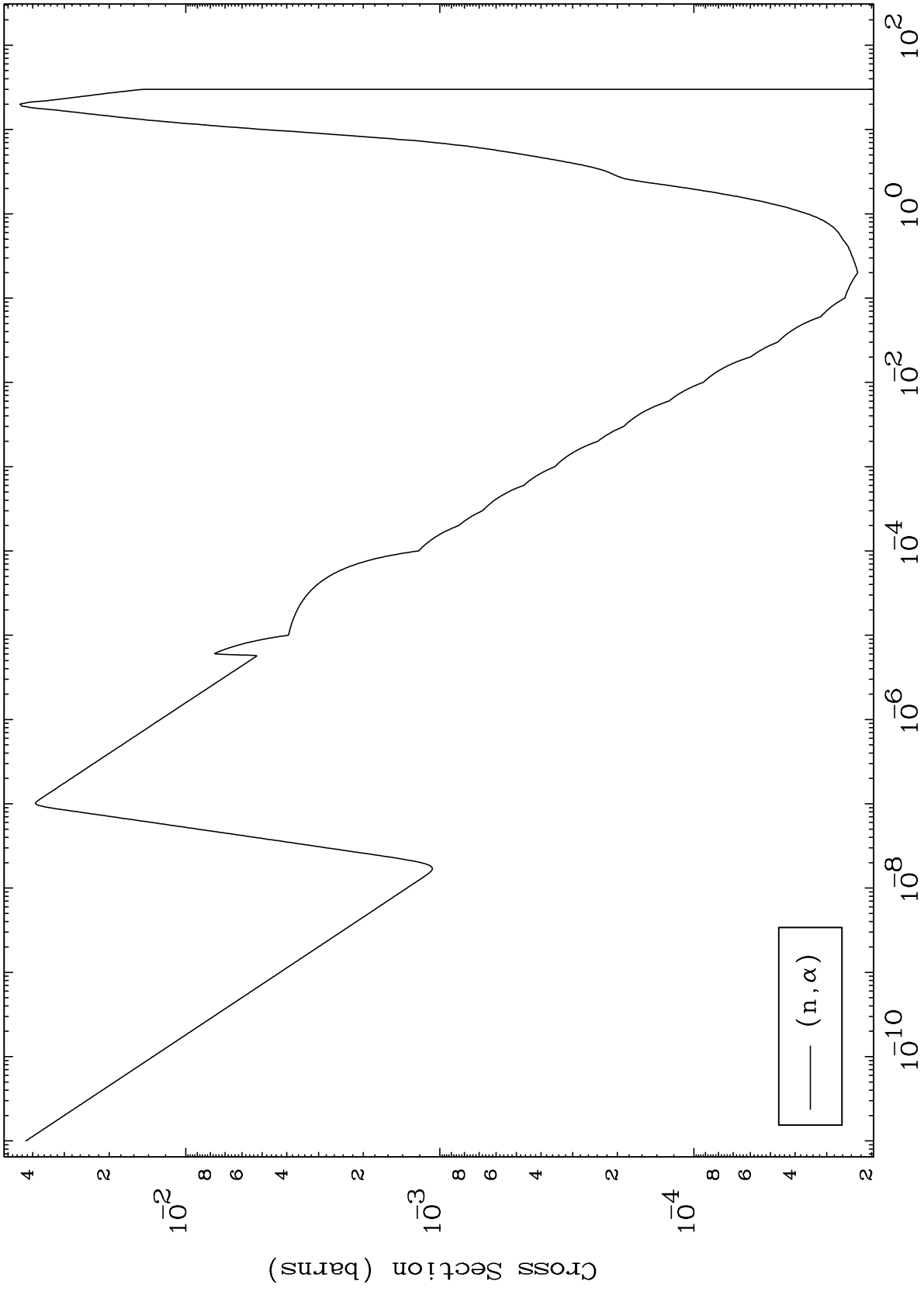
Incident Energy (MeV)

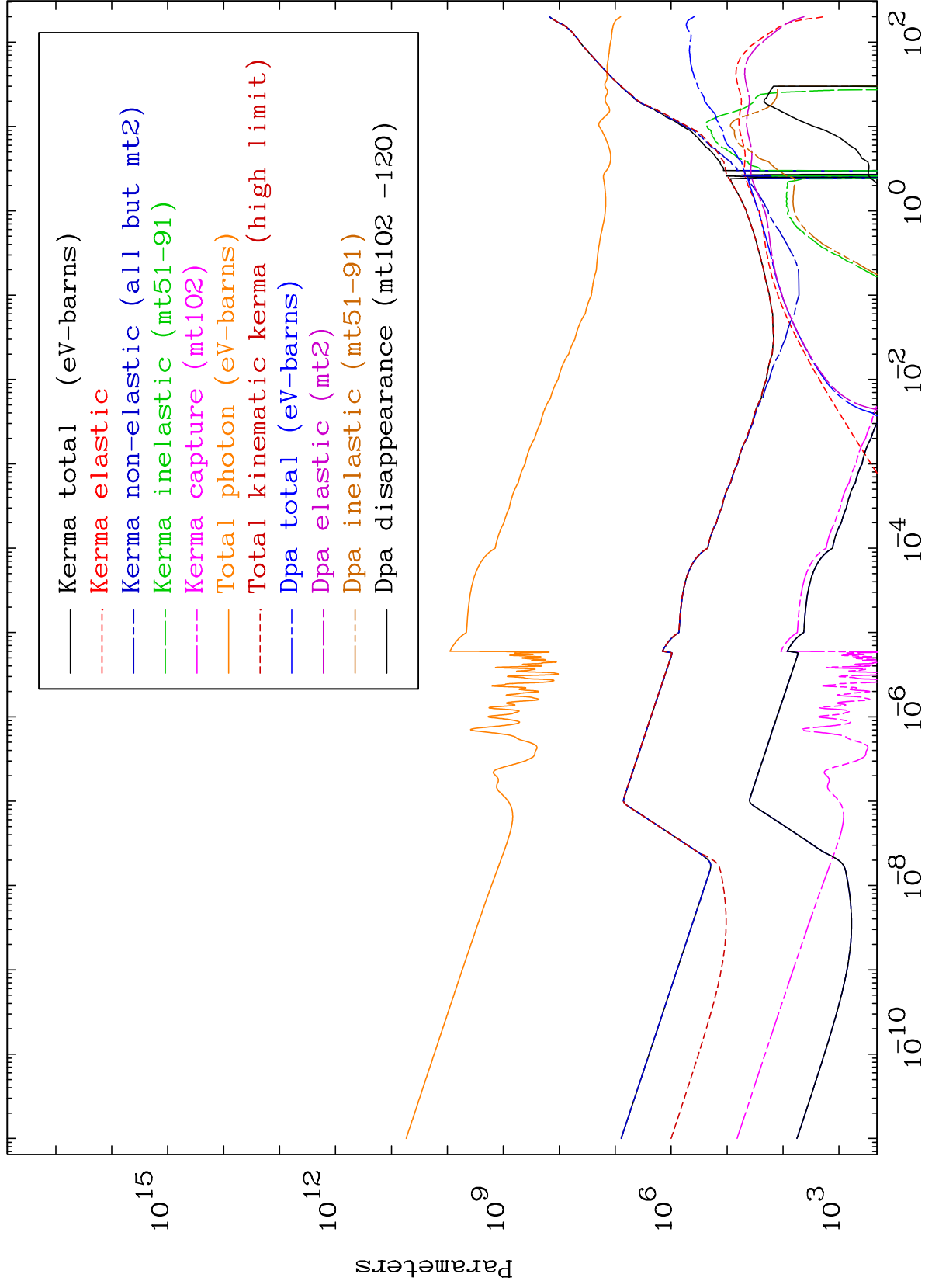
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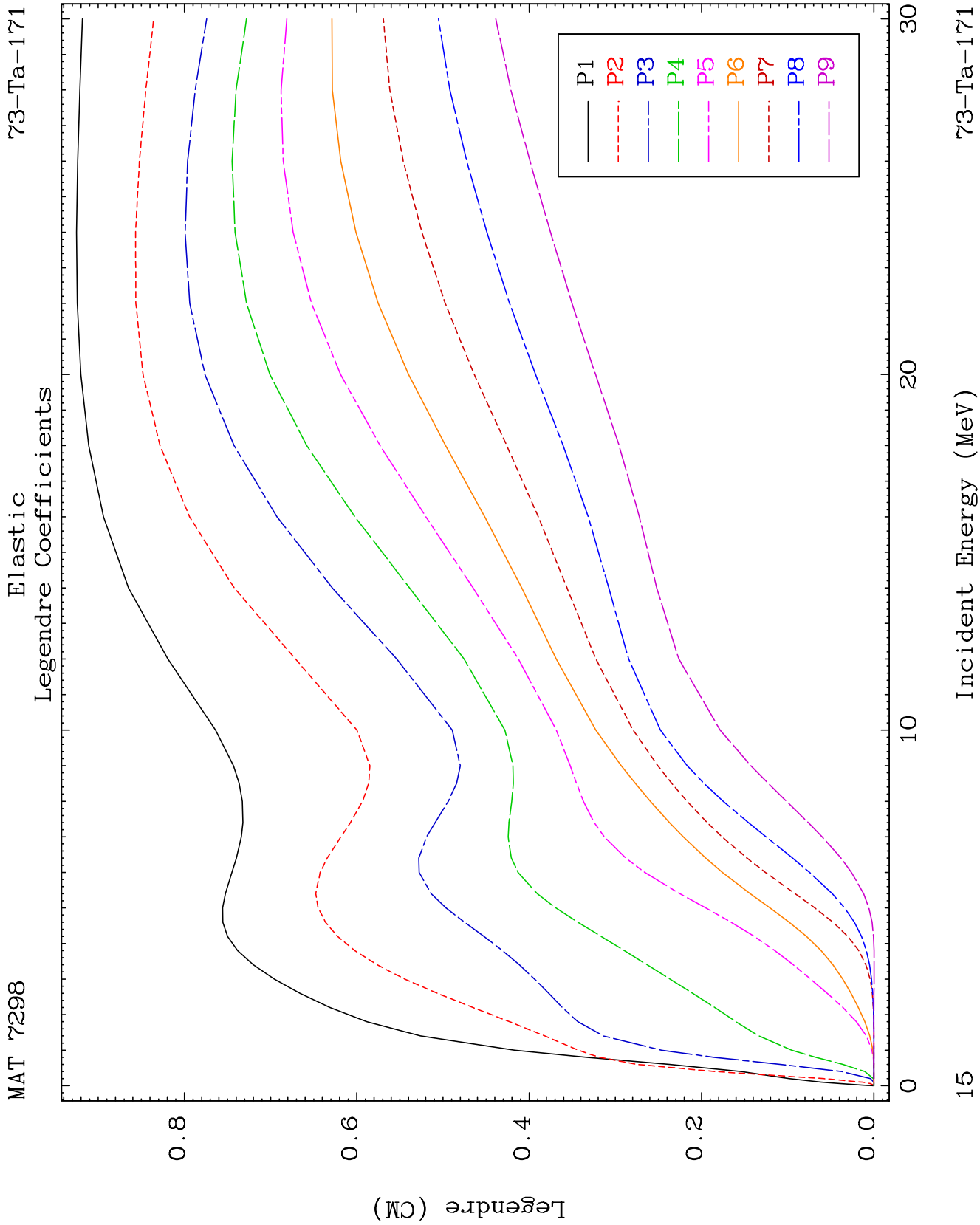
MAT 7298

(n,α) Levels  
293 Kelvin Cross Sections

73-Ta-171





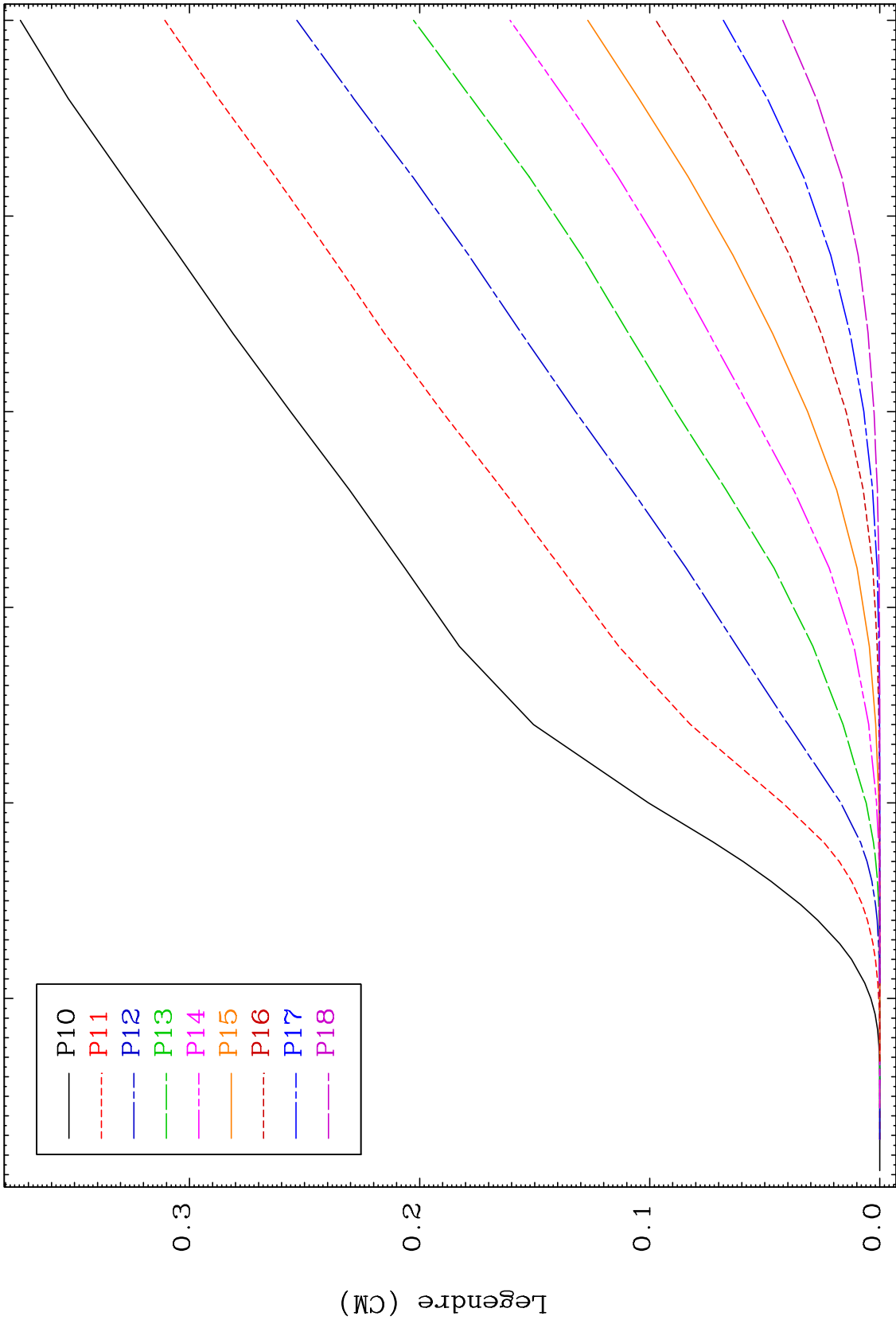




MAT 7298

Elastic Legendre Coefficients

<sup>73</sup>Ta-171



16

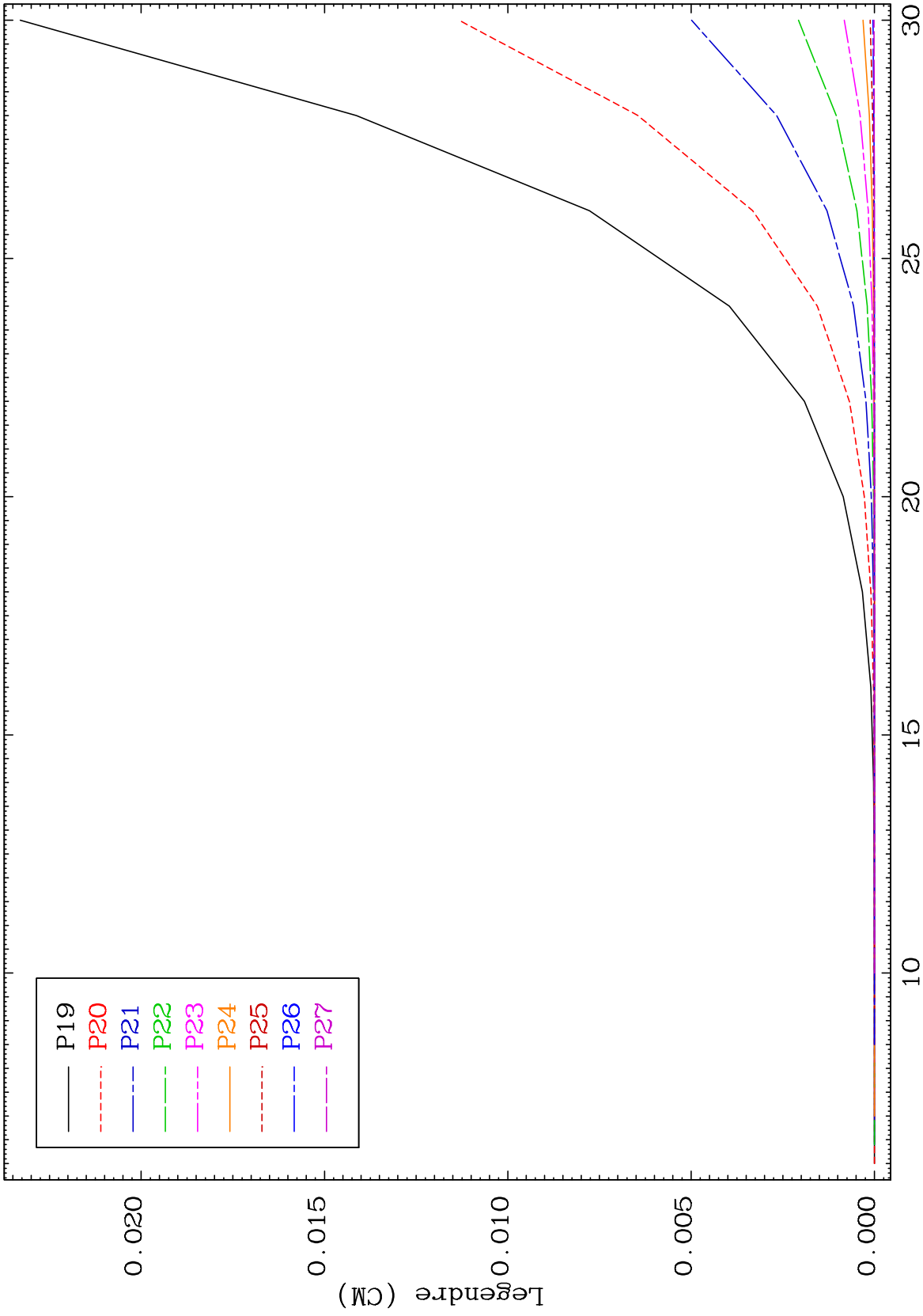
Incident Energy (MeV)

<sup>73</sup>Ta-171

MAT 7298

### Elastic Legendre Coefficients

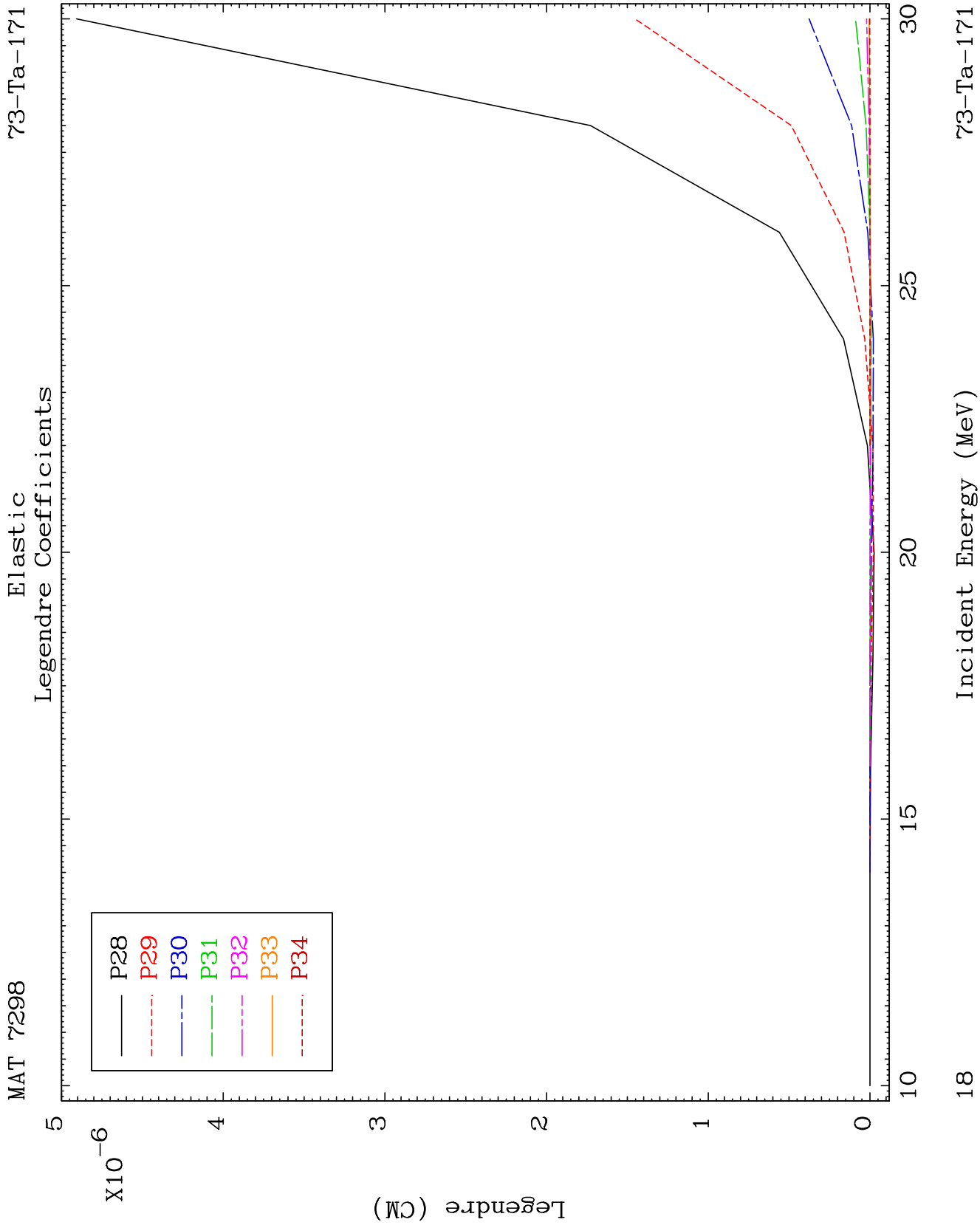
73-Ta-171



17

Incident Energy (MeV)

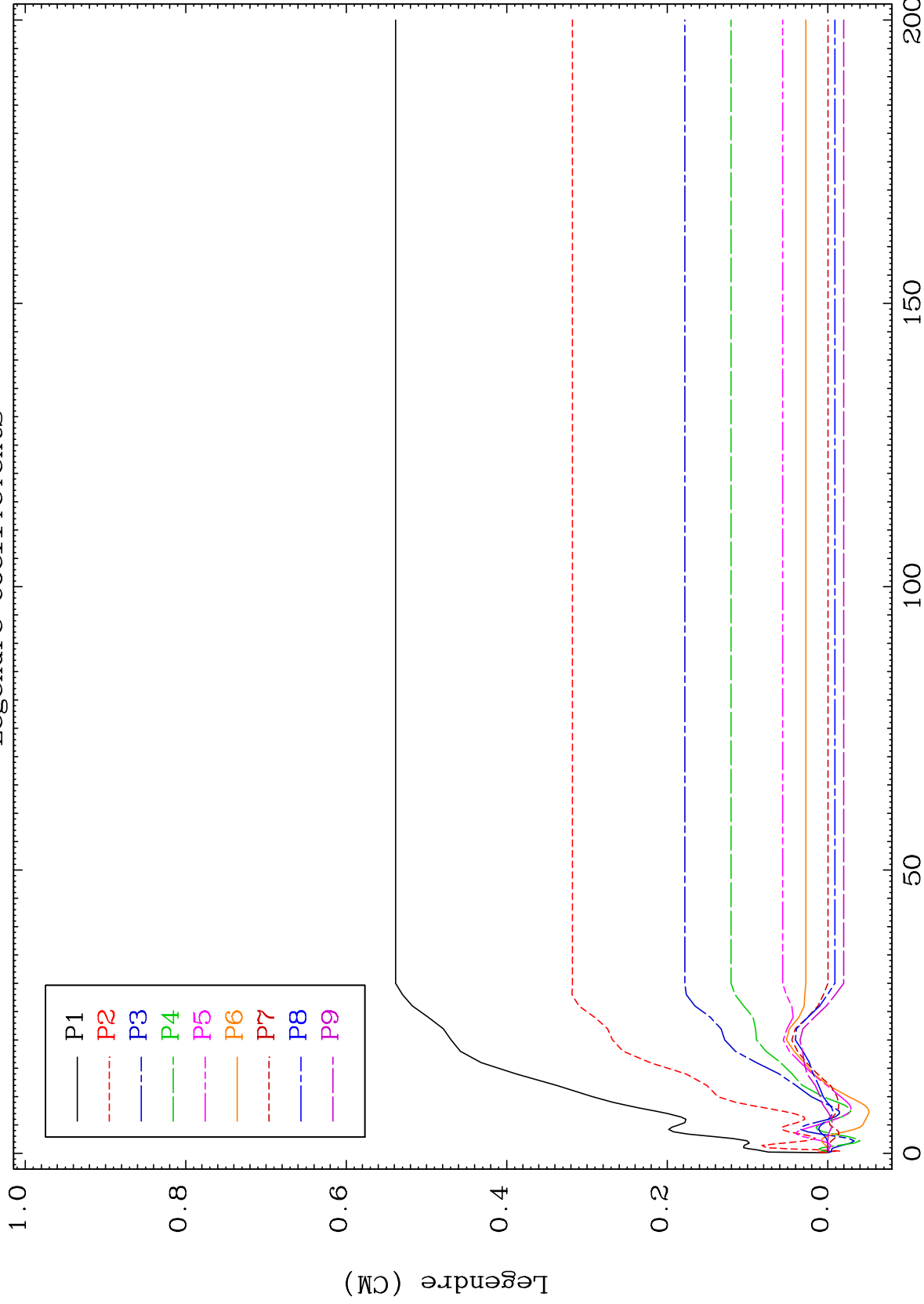
73-Ta-171



MAT 7298

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

73-Ta-171



19

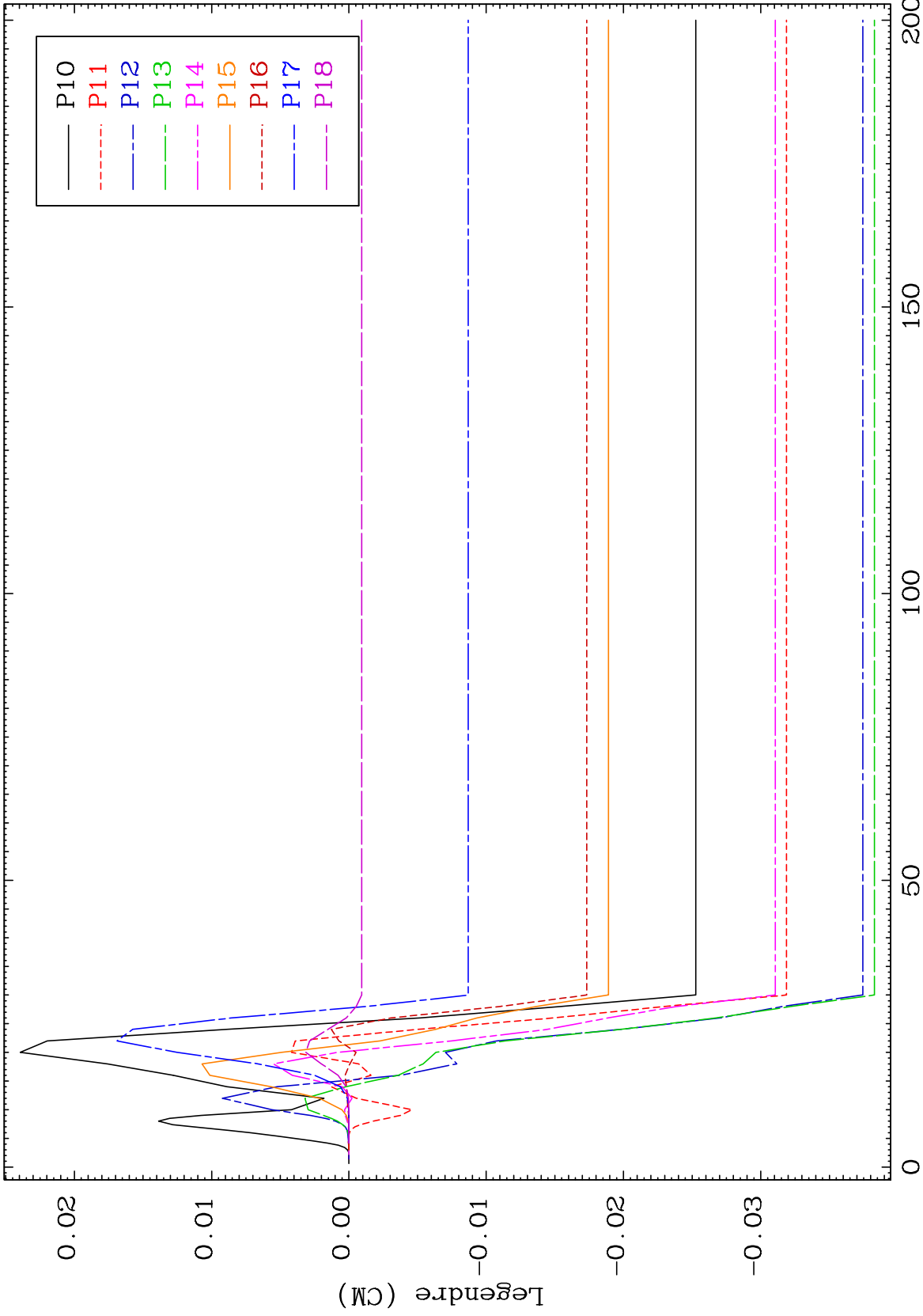
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

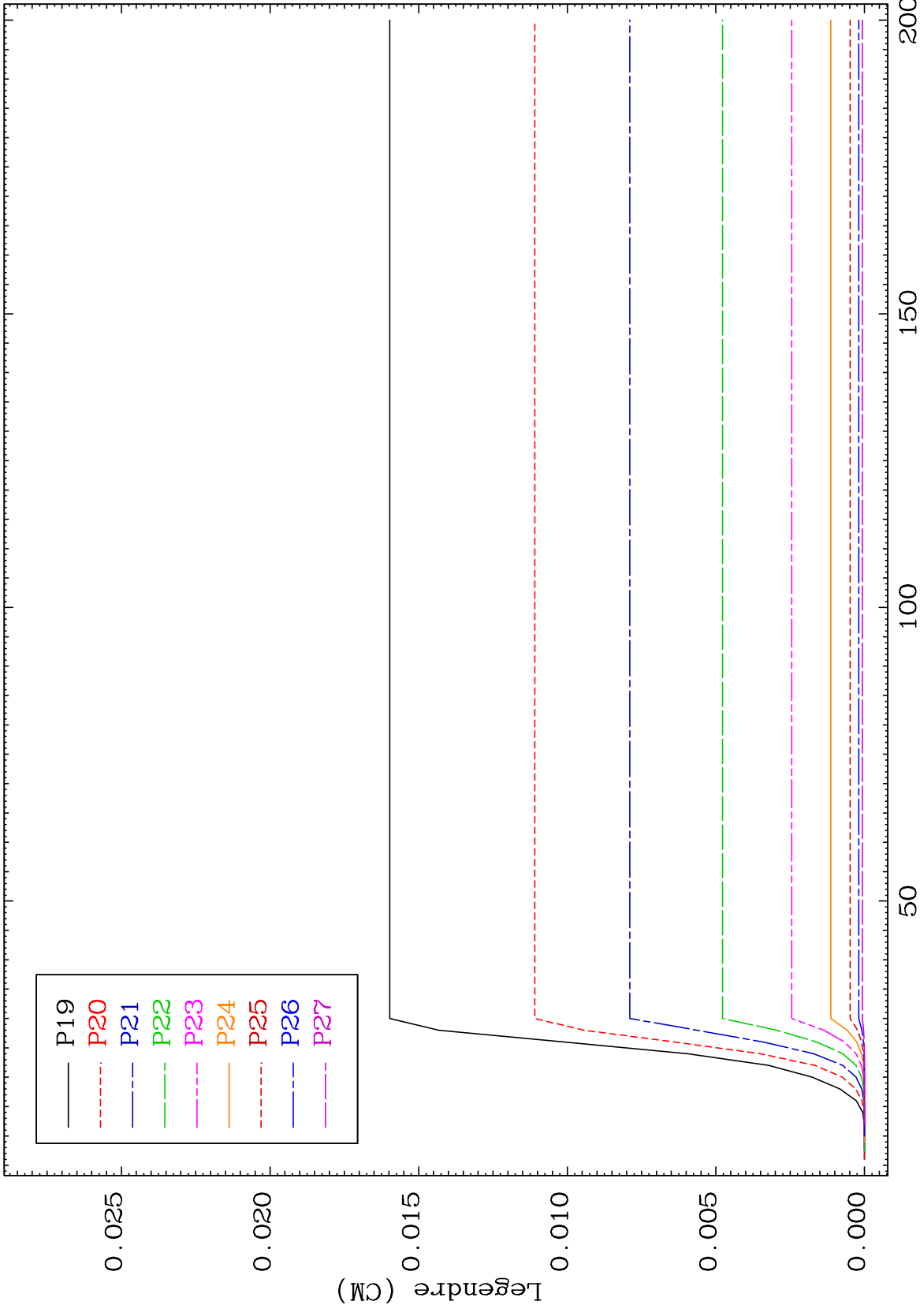
73-Ta-171



20

Incident Energy (MeV)

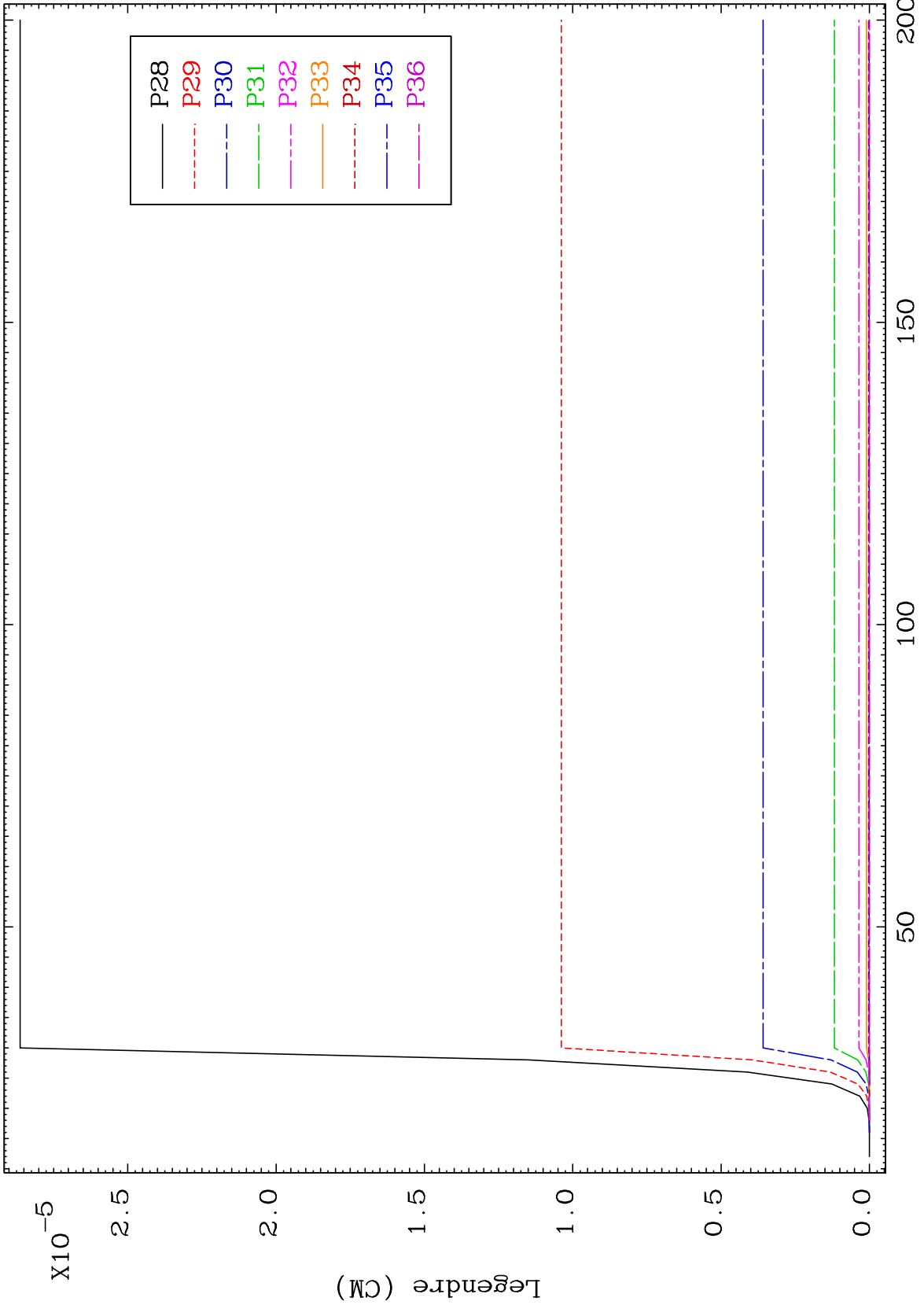
73-Ta-171



MAT 7298

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

73-Ta-171



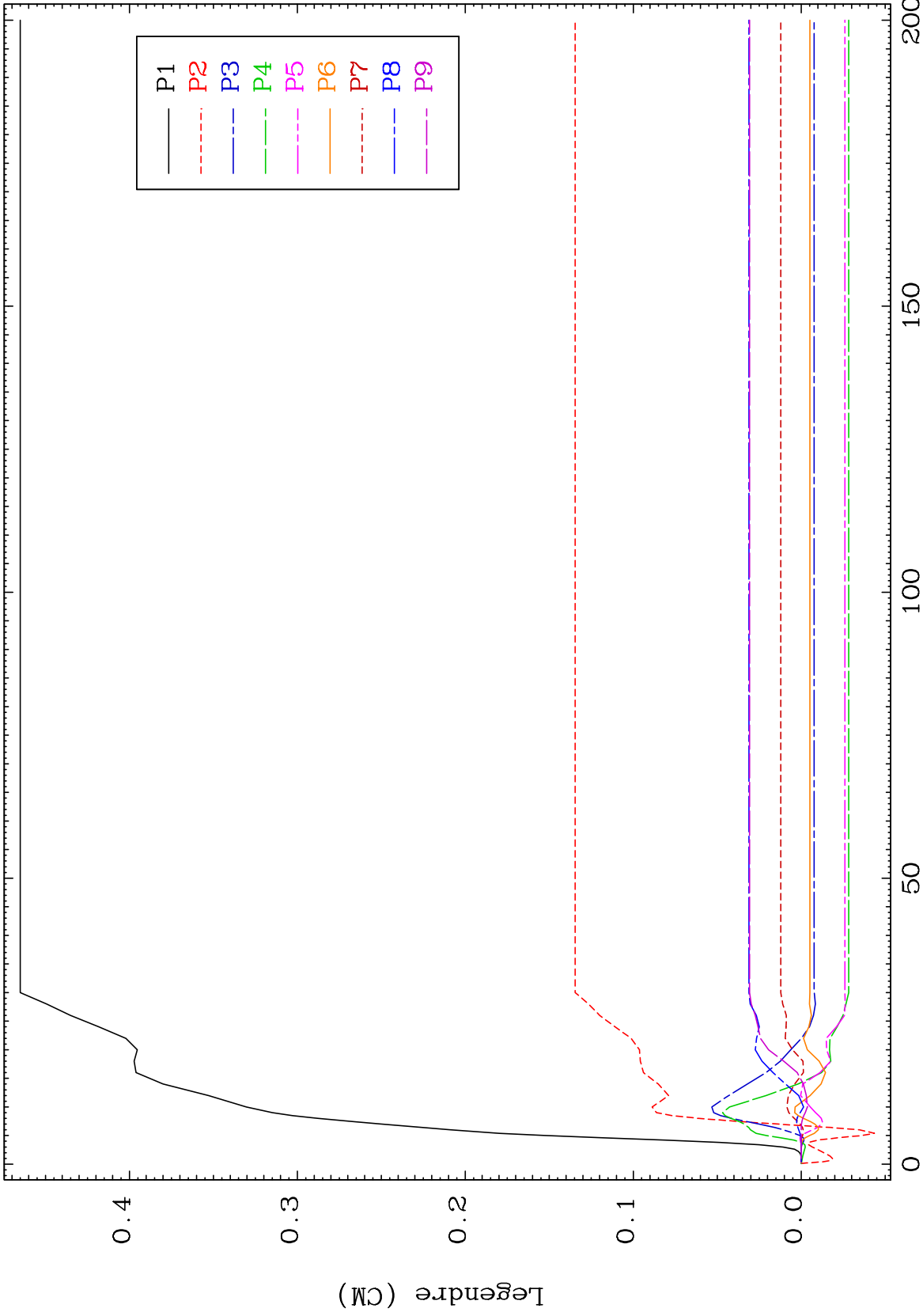
22

73-Ta-171

MAT 7298

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

73-Ta-171



23

Incident Energy (MeV)

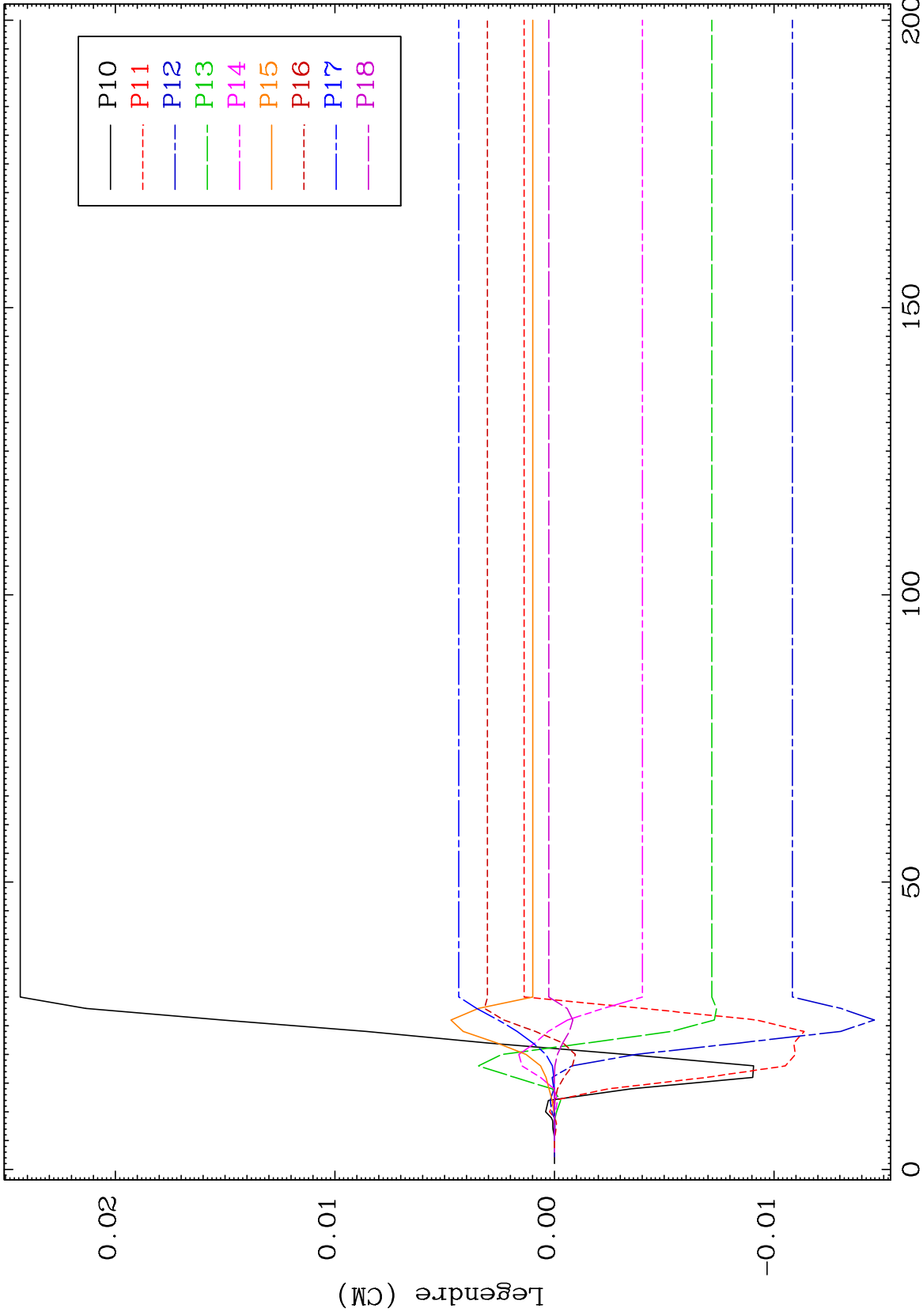
73-Ta-171



MAT 7298

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

73-Ta-171



24

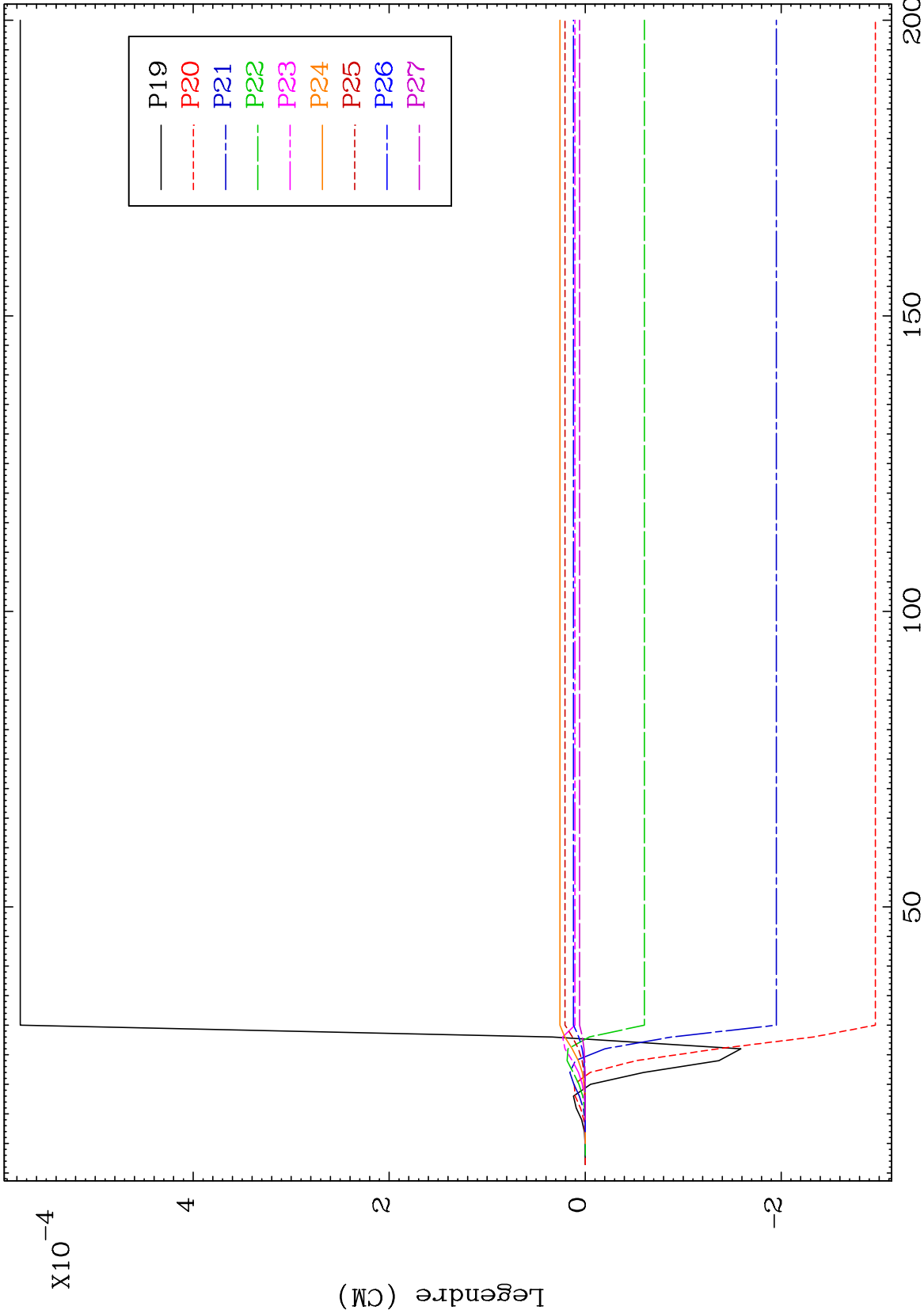
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



25

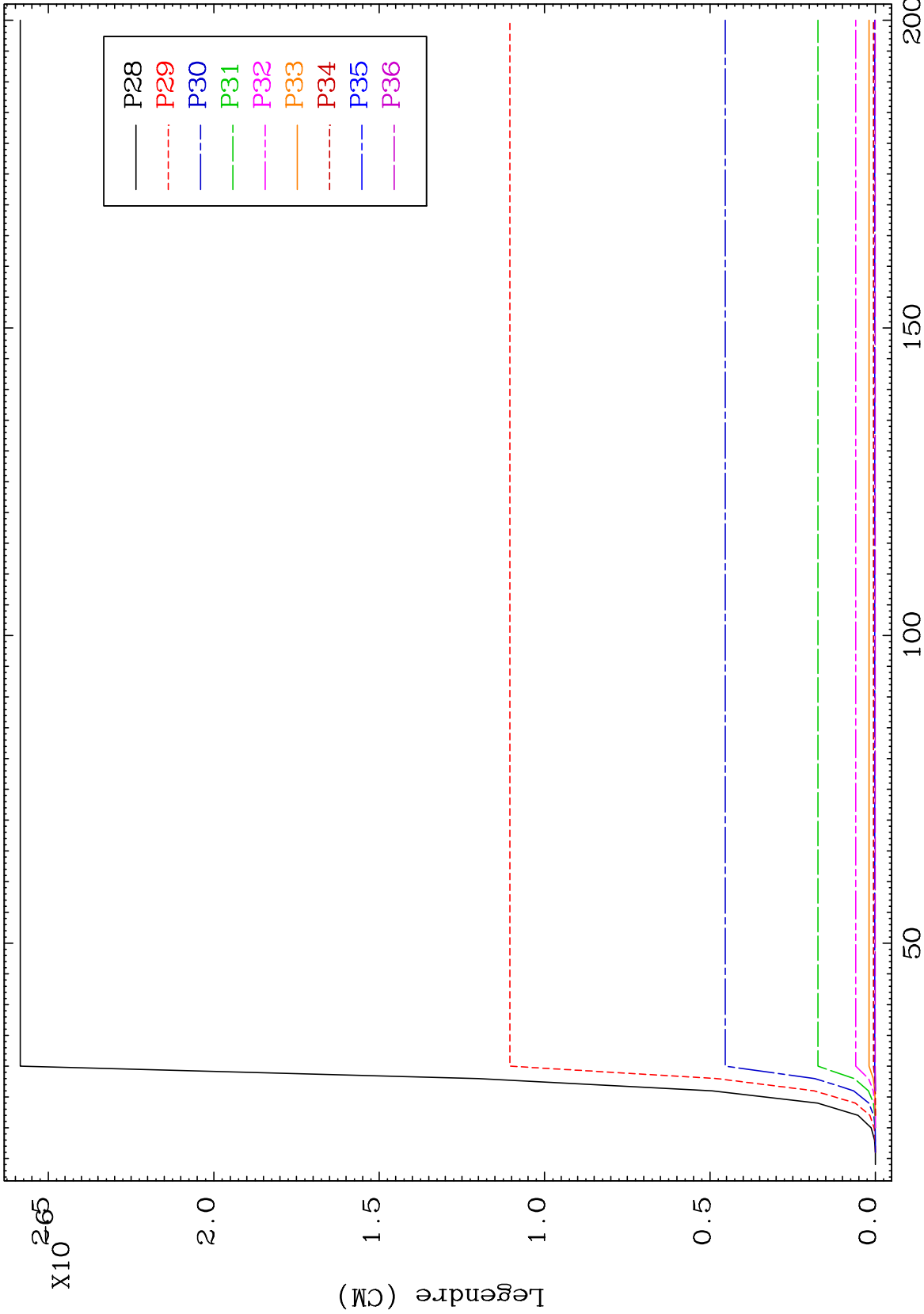
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



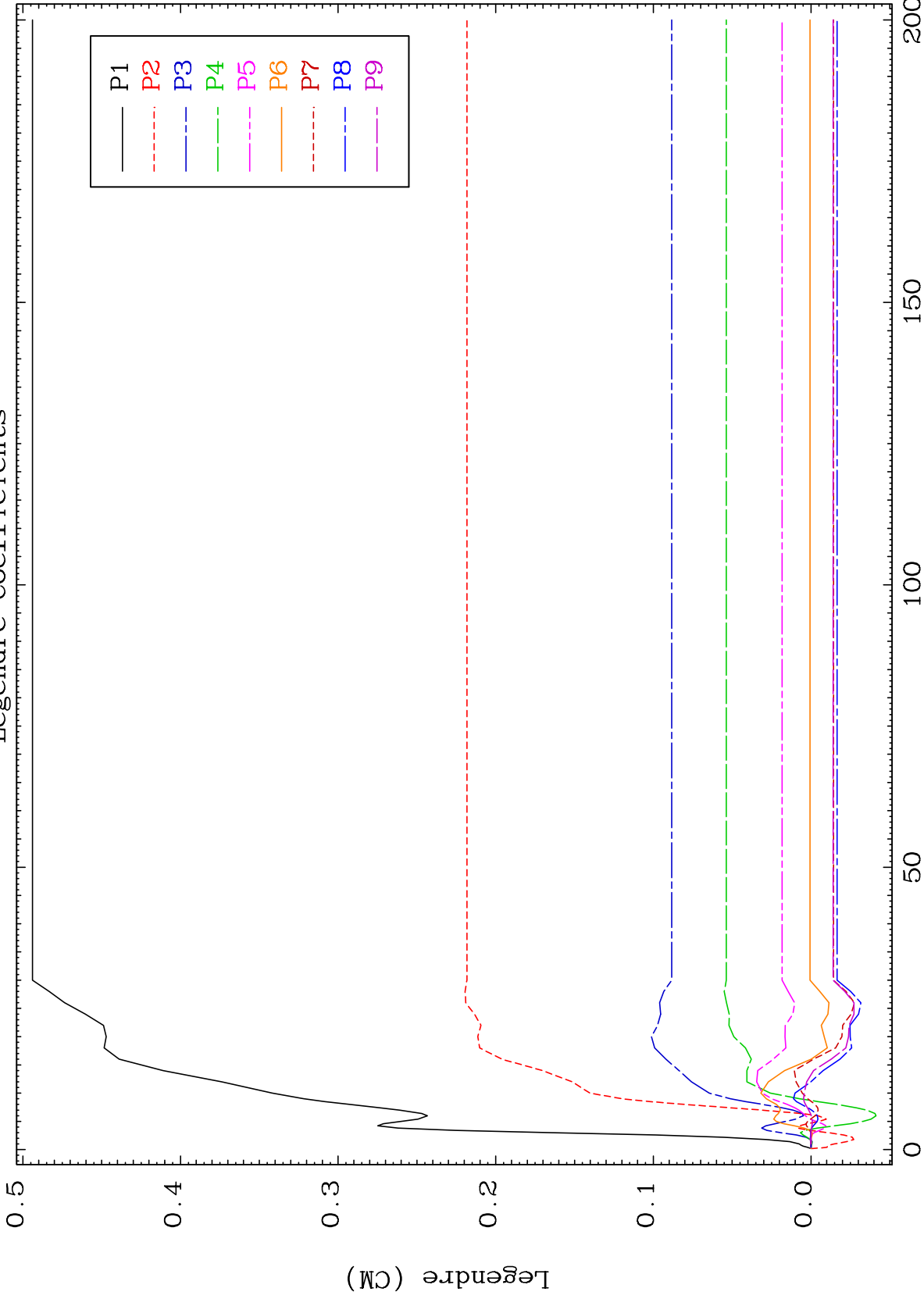
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73-Ta-171

MAT 7298

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

73-Ta-171



27

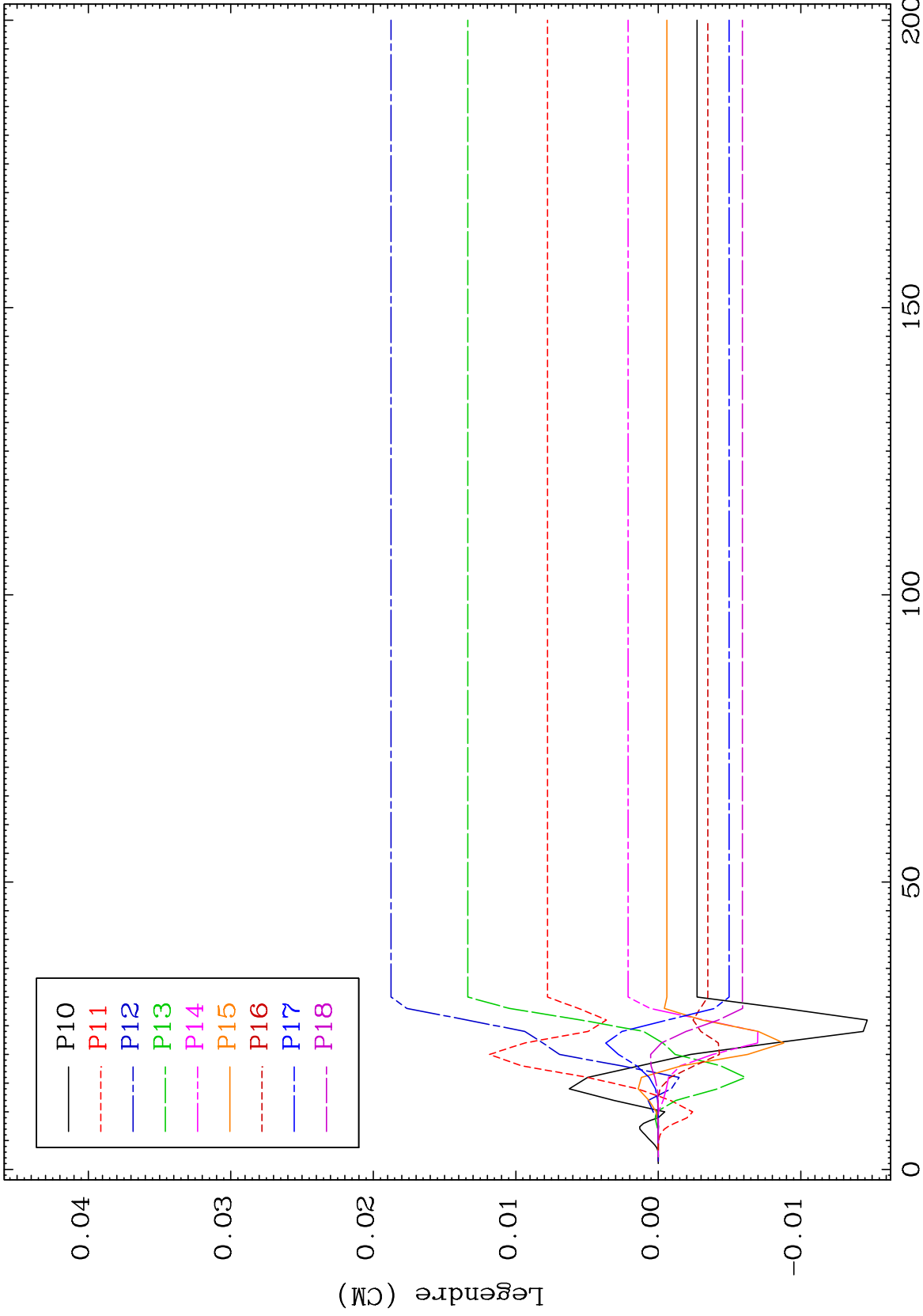
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



28

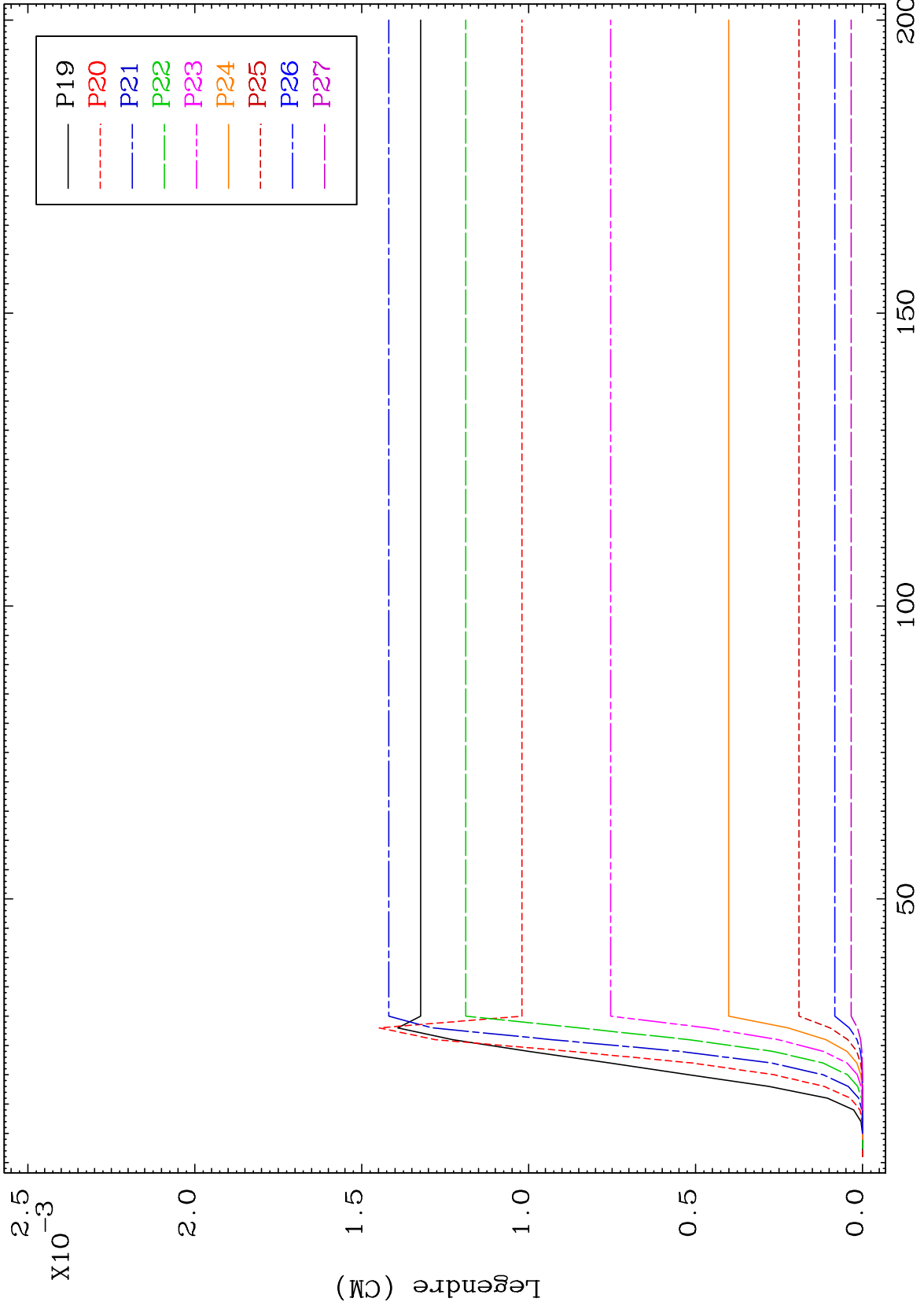
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



29

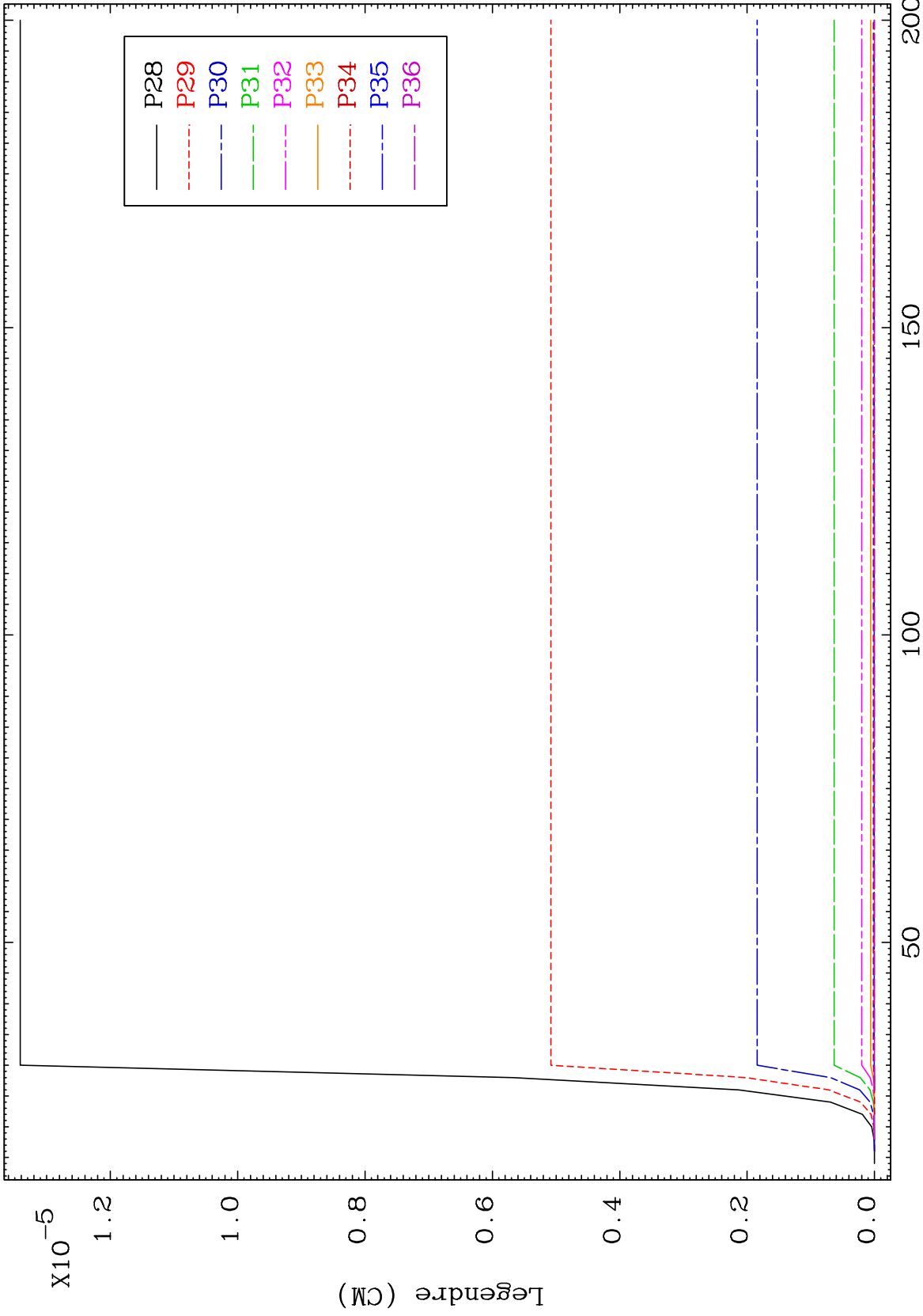
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



30

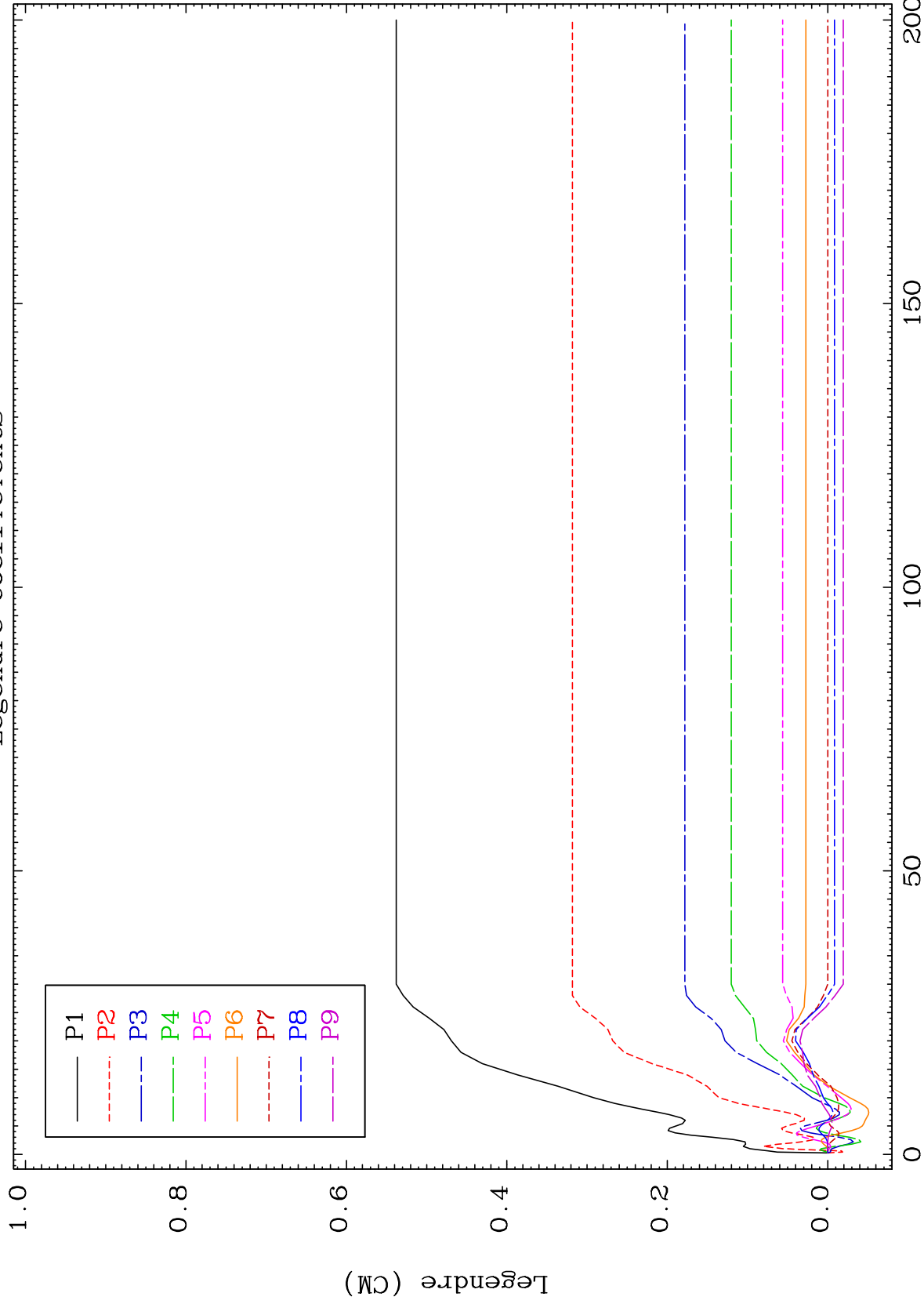
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



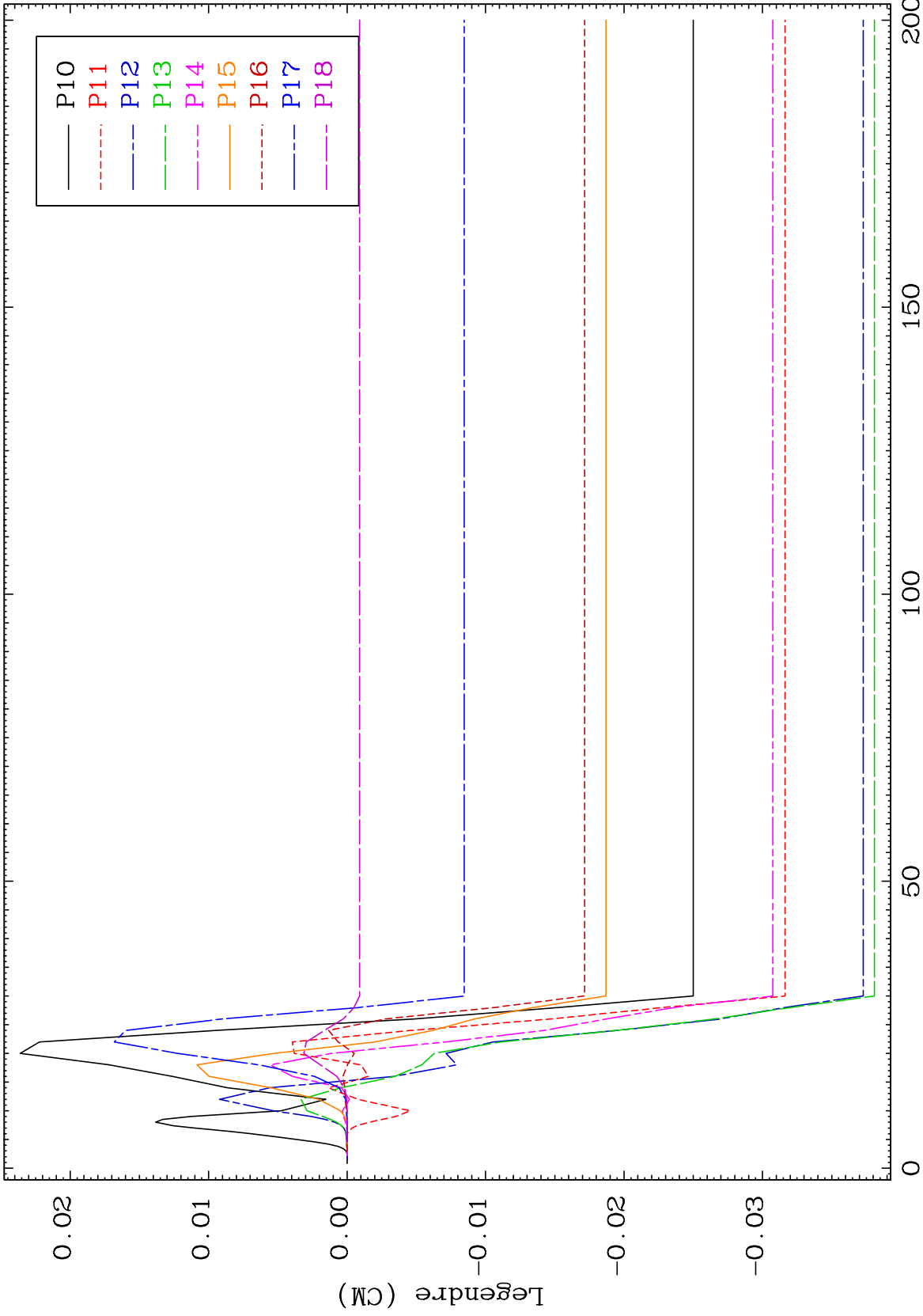
31



MAT 7298

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

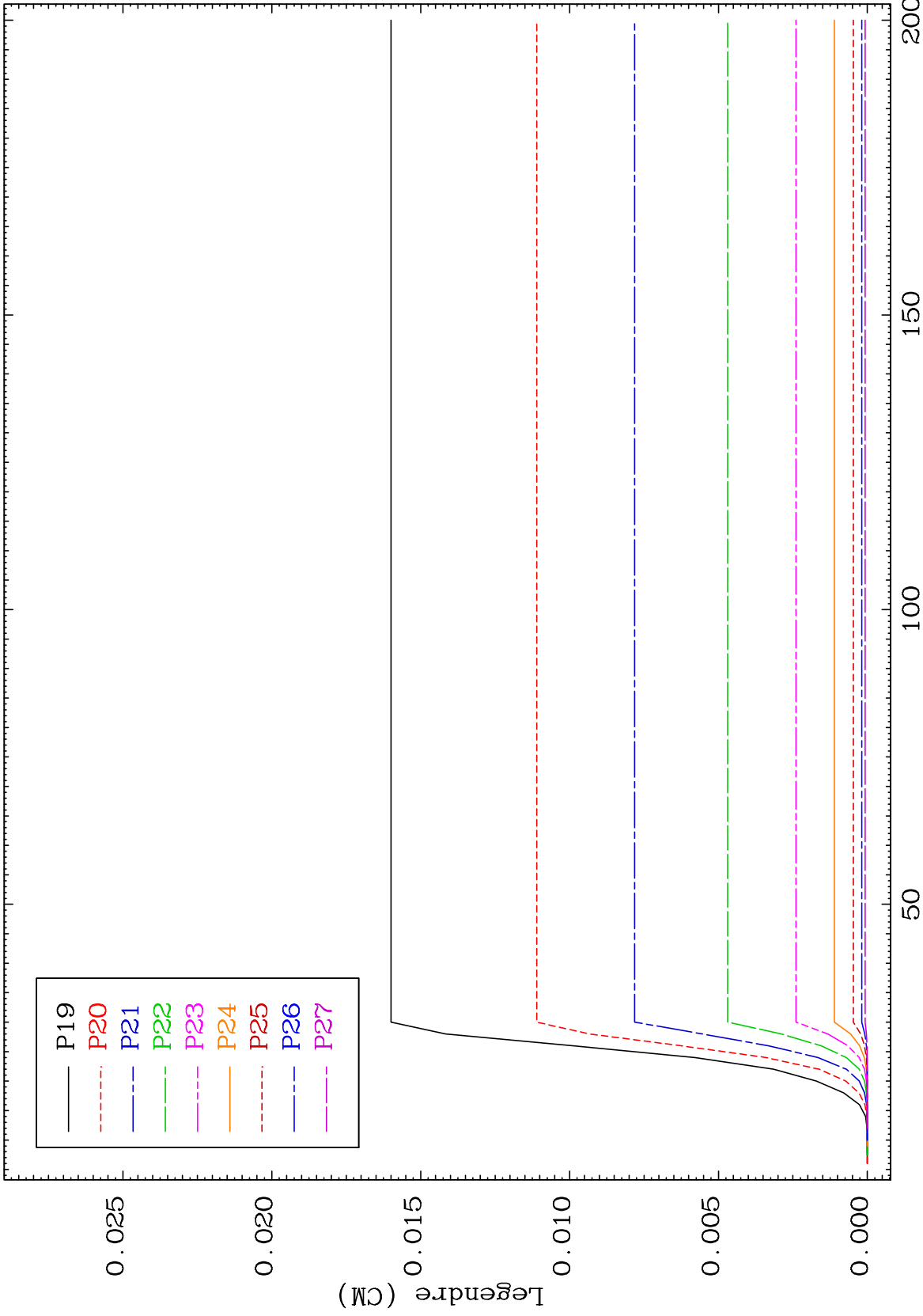
73-Ta-171



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Incident Energy (MeV)

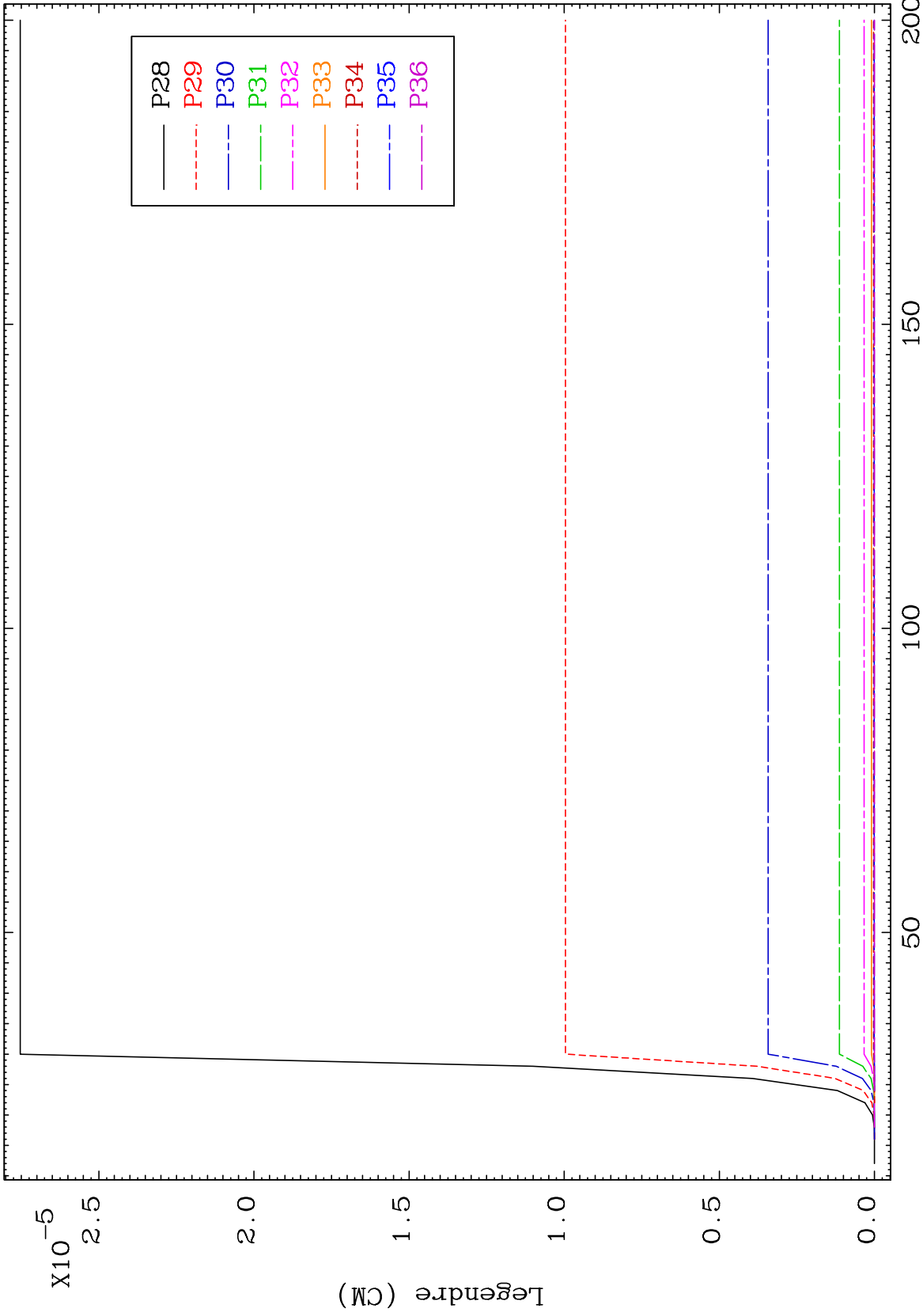
73-Ta-171



MAT 7298

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

73-Ta-171



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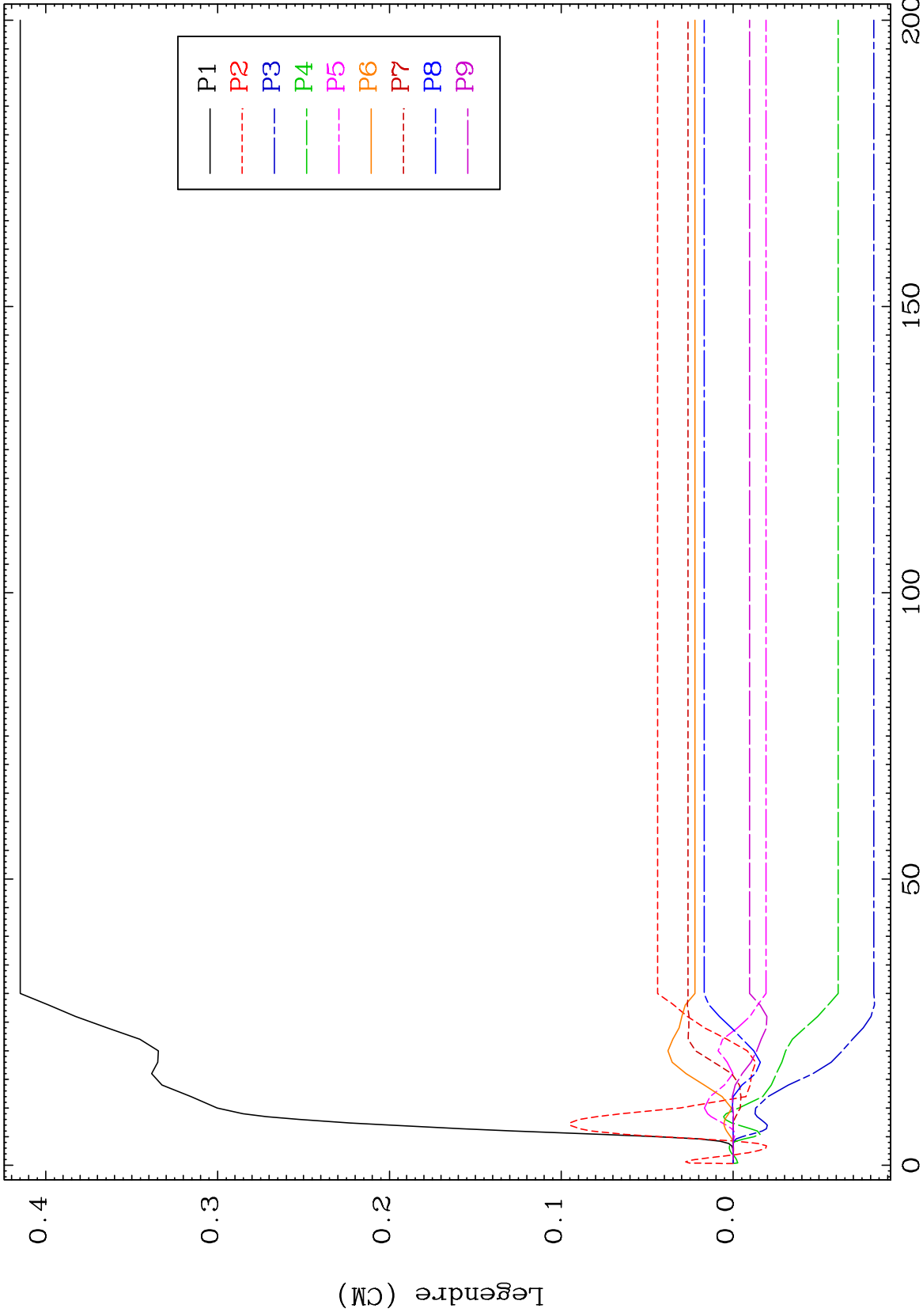
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



73-Ta-171

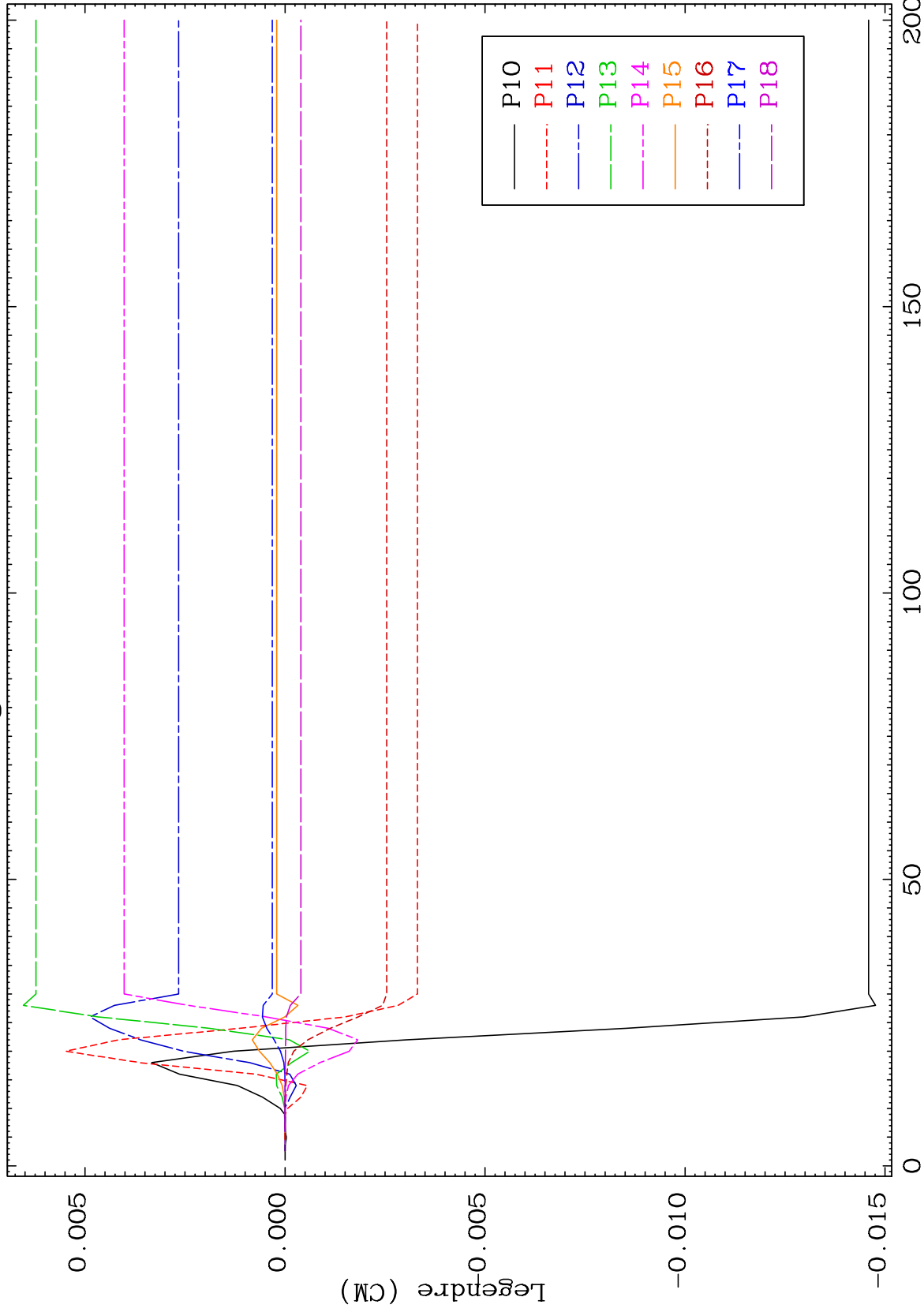
Incident Energy (MeV)

35

MAT 7298

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

73-Ta-171



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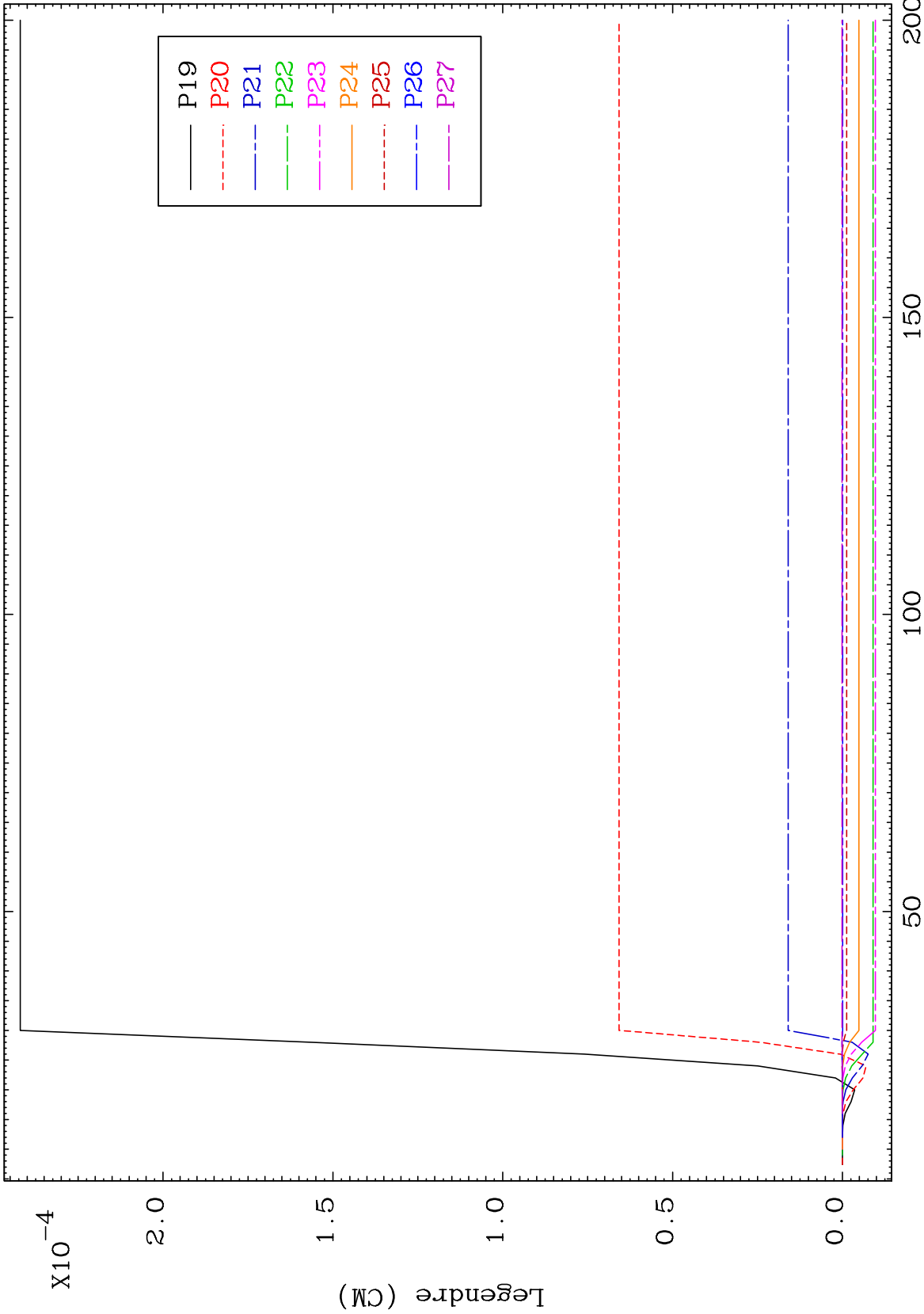
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



37

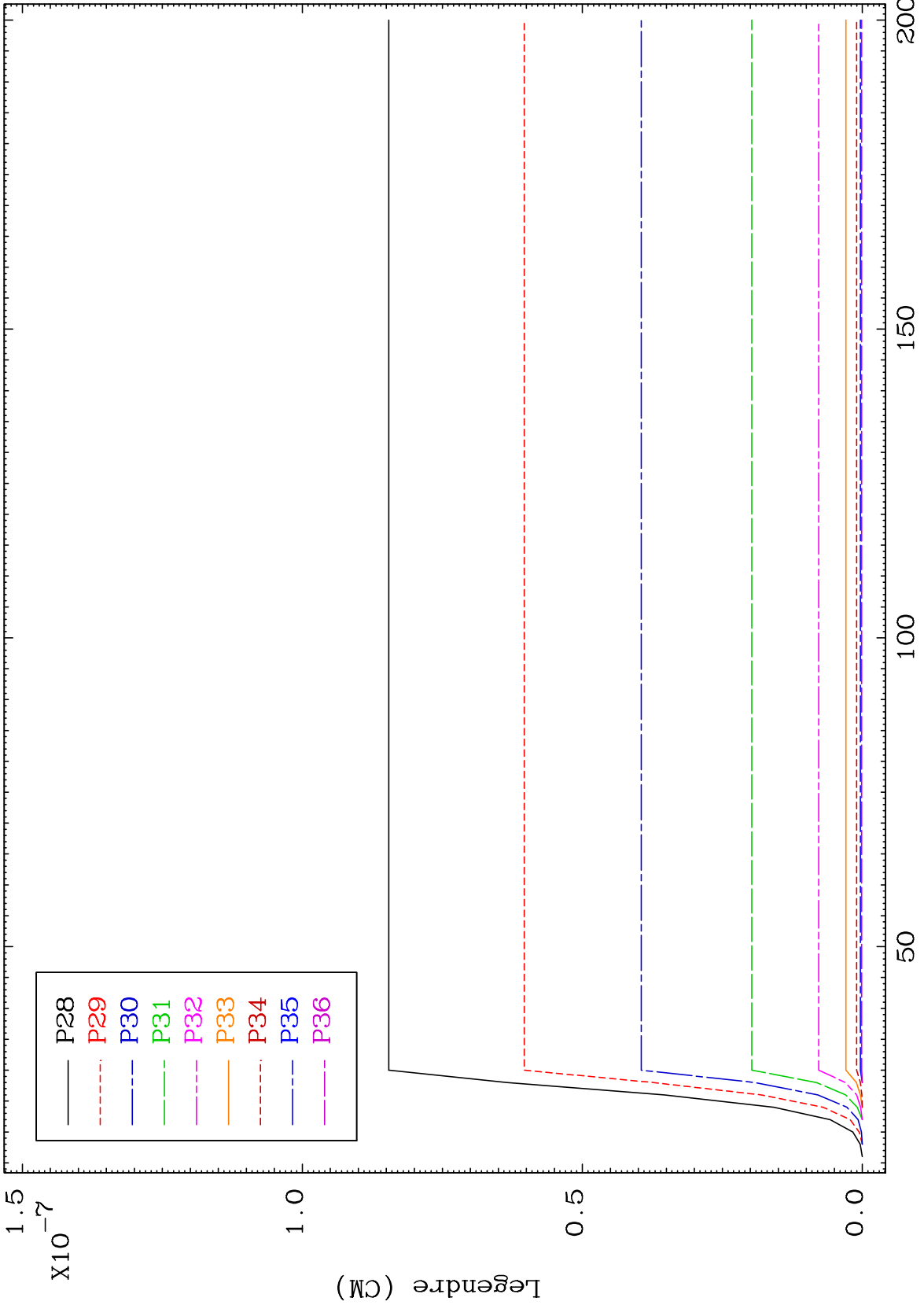
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



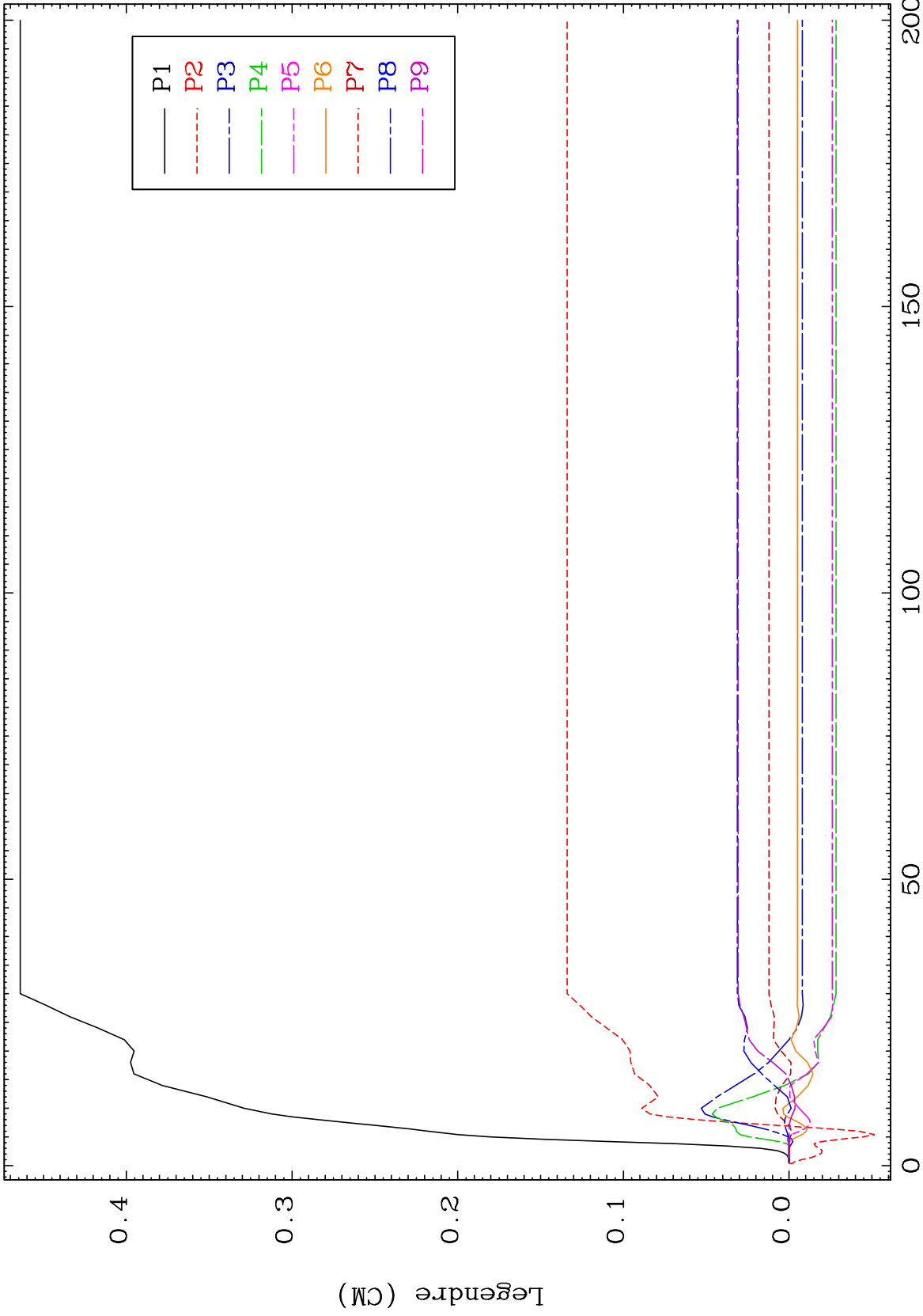
38

73-Ta-171

MAT 7298

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

<sup>73</sup>Ta-171



39

Incident Energy (MeV)

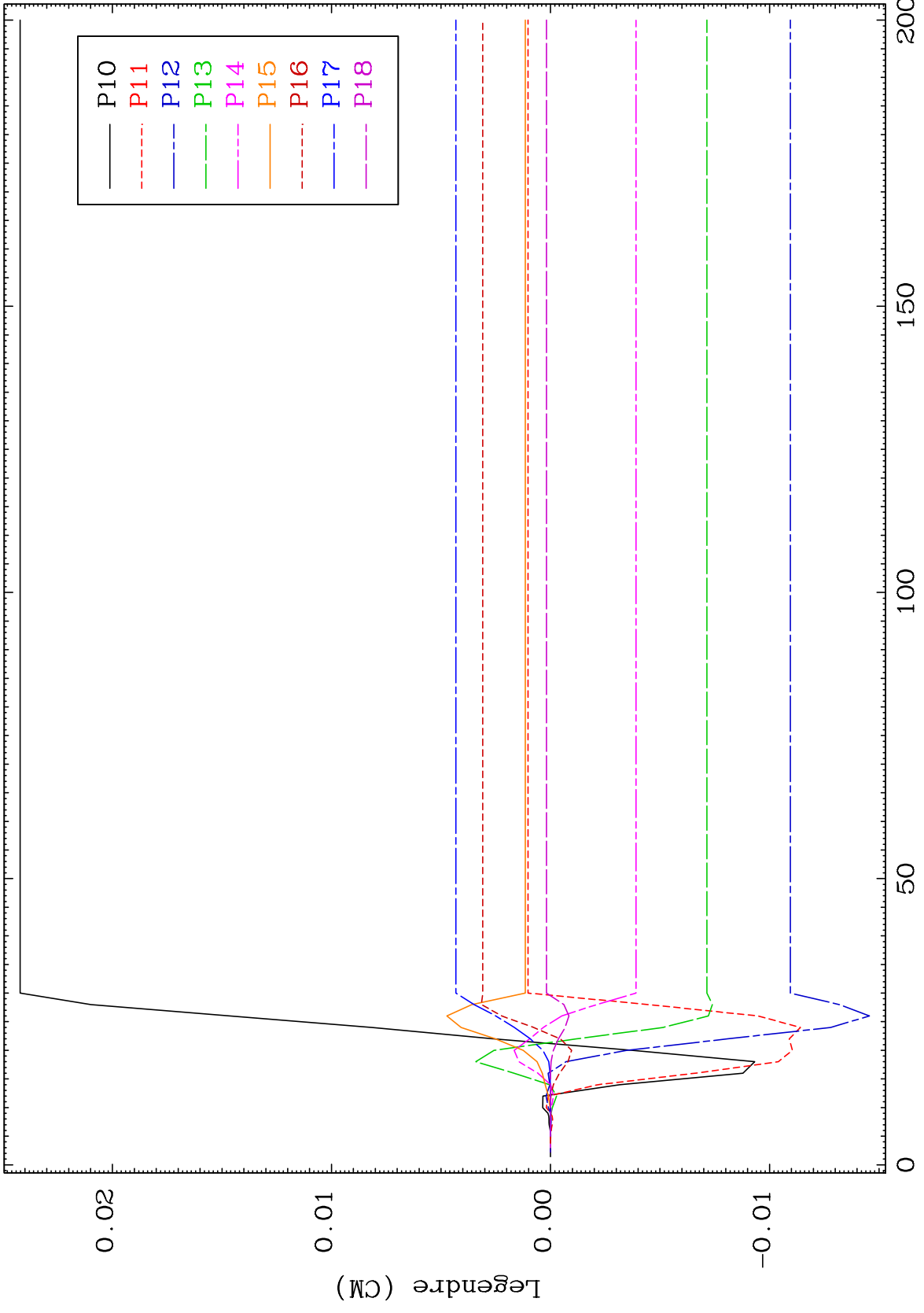
<sup>73</sup>Ta-171



MAT 7298

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

73-Ta-171



40

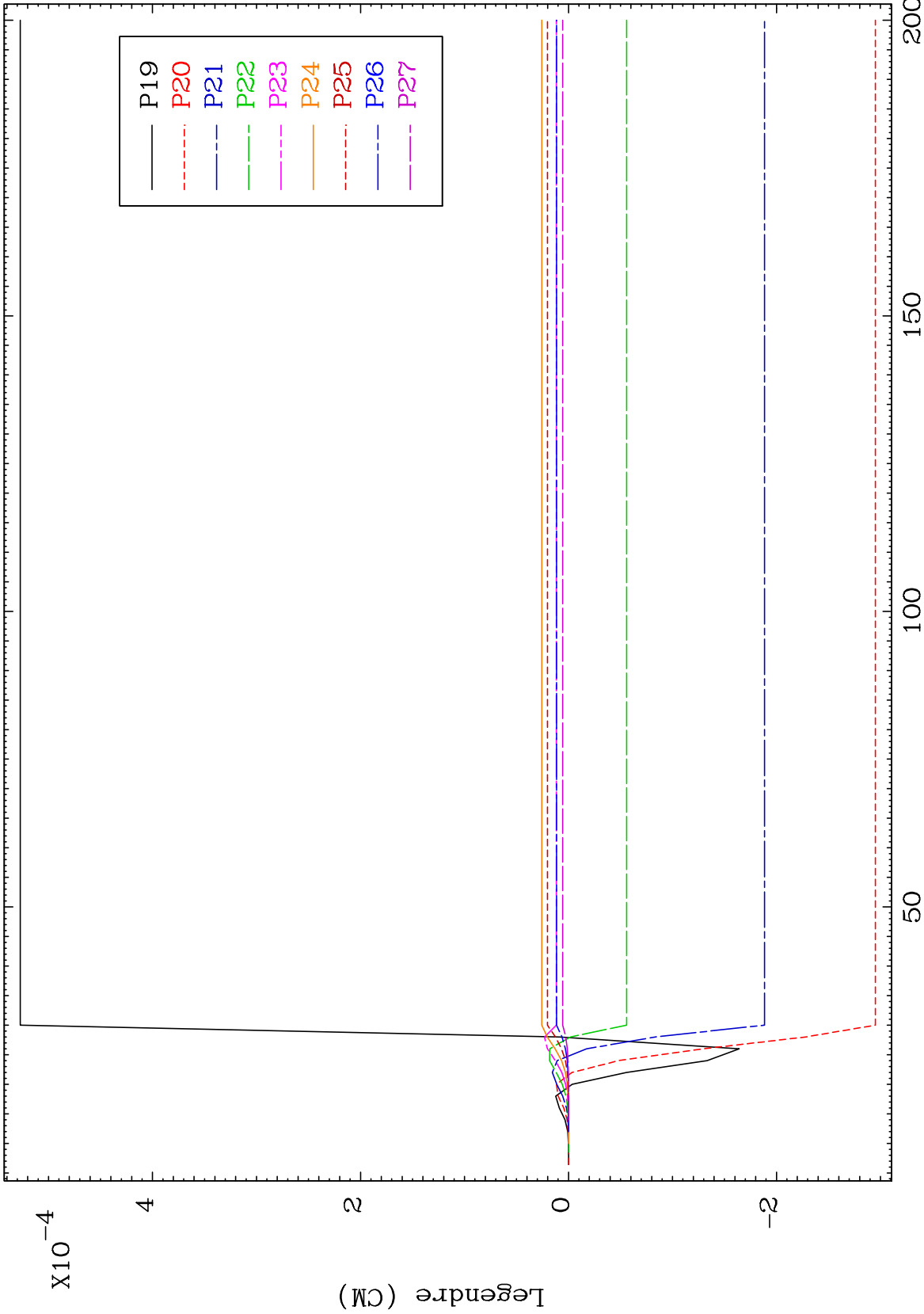
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



41

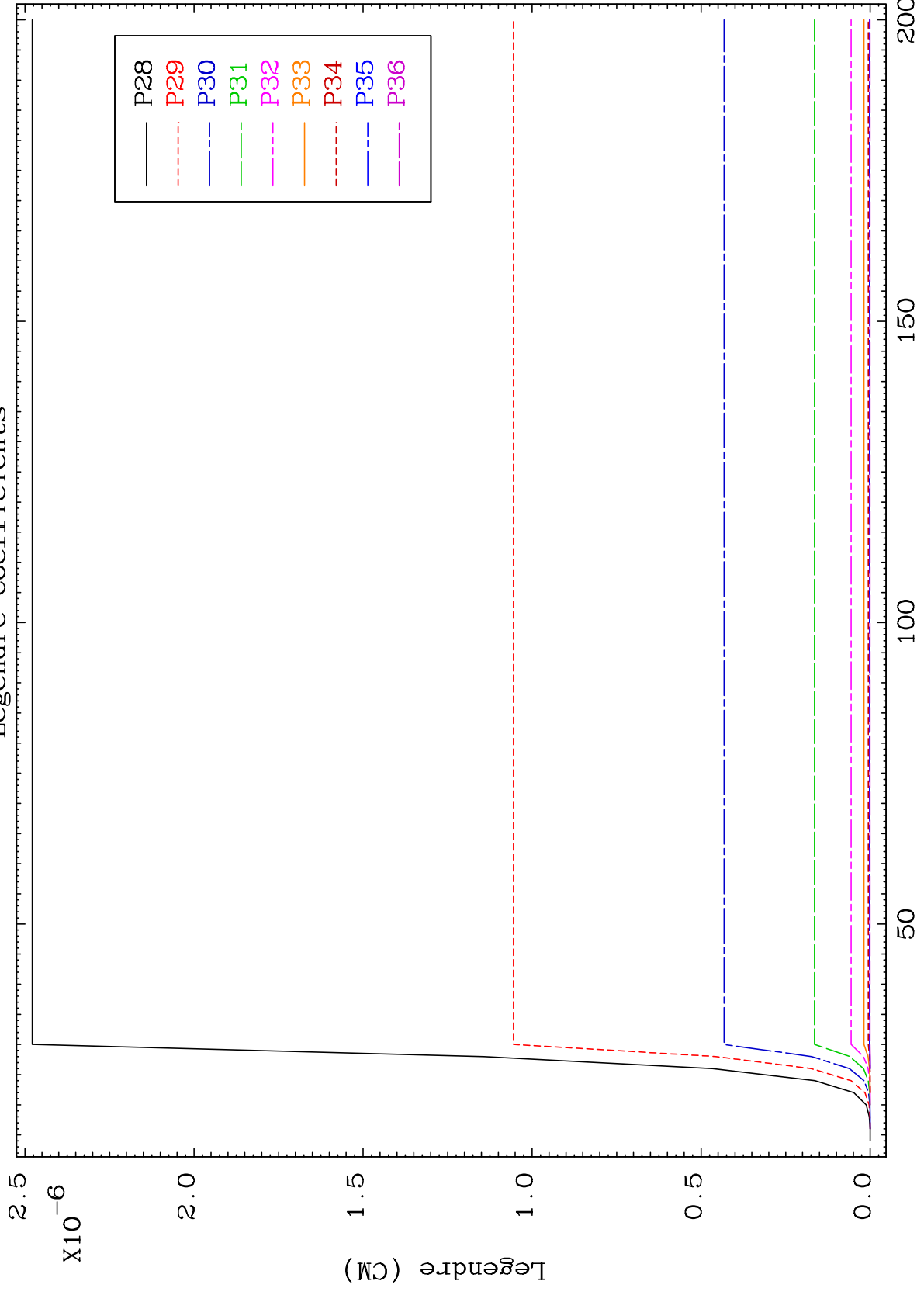
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171

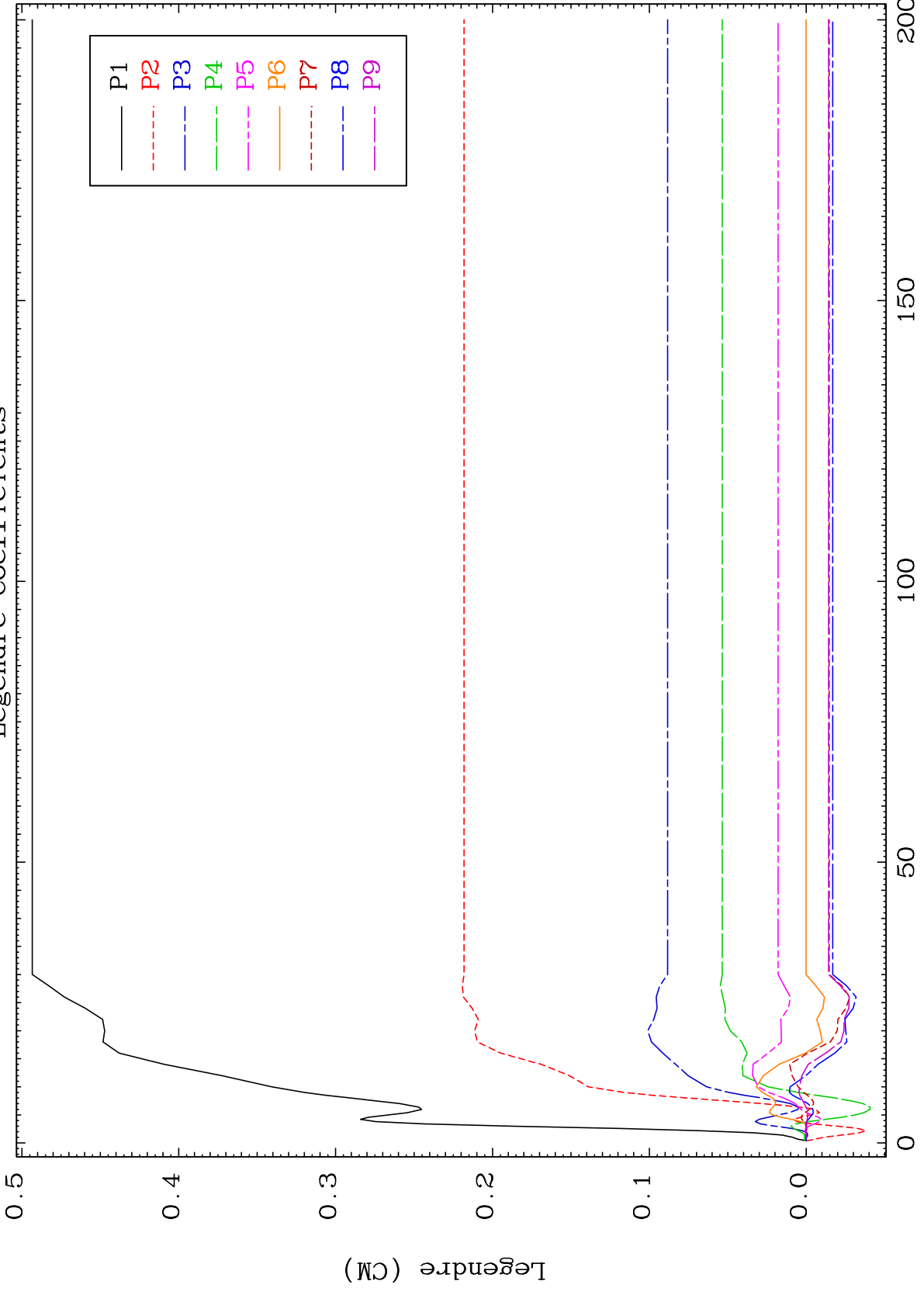


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Incident Energy (MeV)

73-Ta-171

MAT 7298 MT= 57 (n,n') Level Legendre Coefficients 73-Ta-171

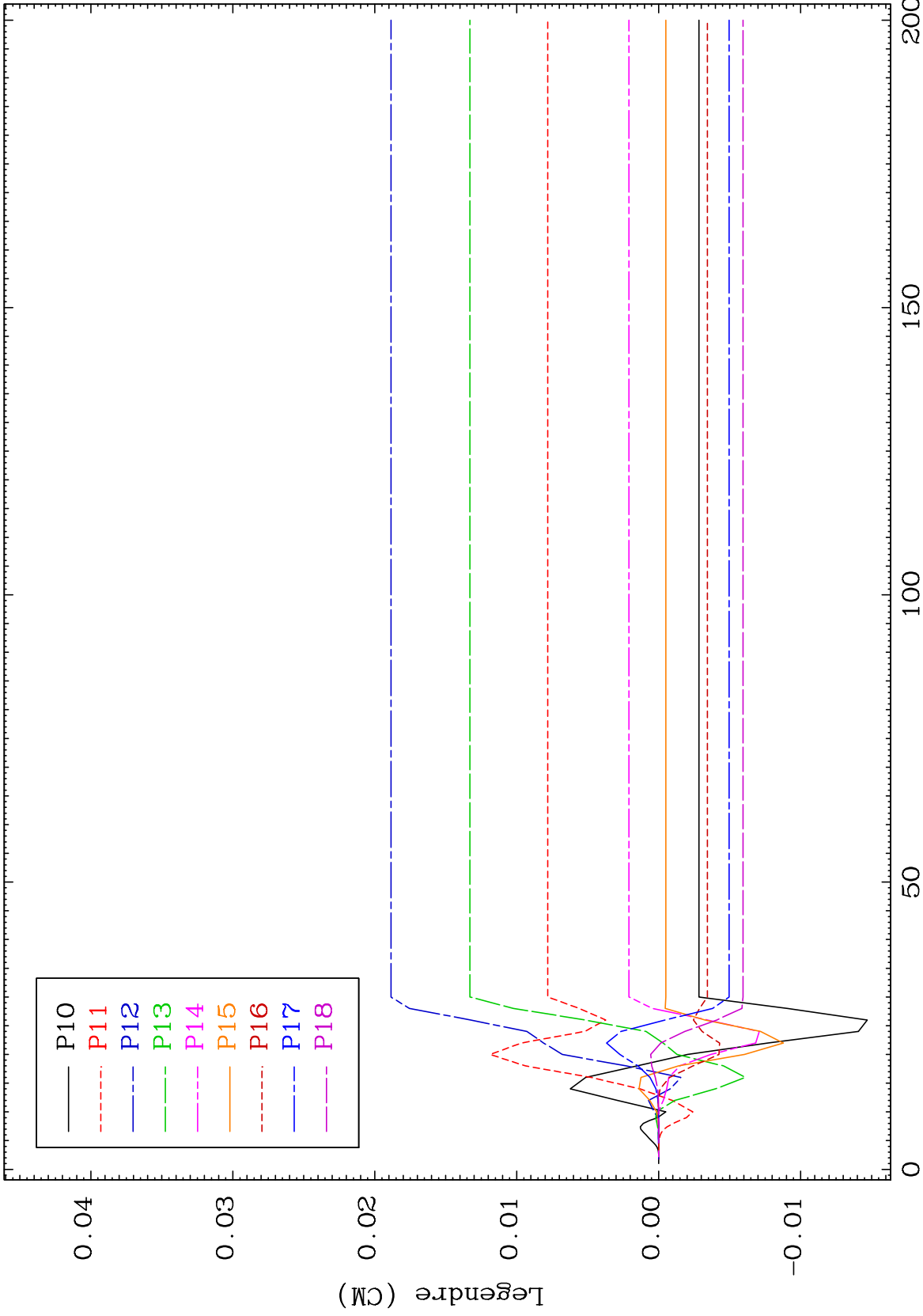


43 73-Ta-171

MAT 7298

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

73-Ta-171



44

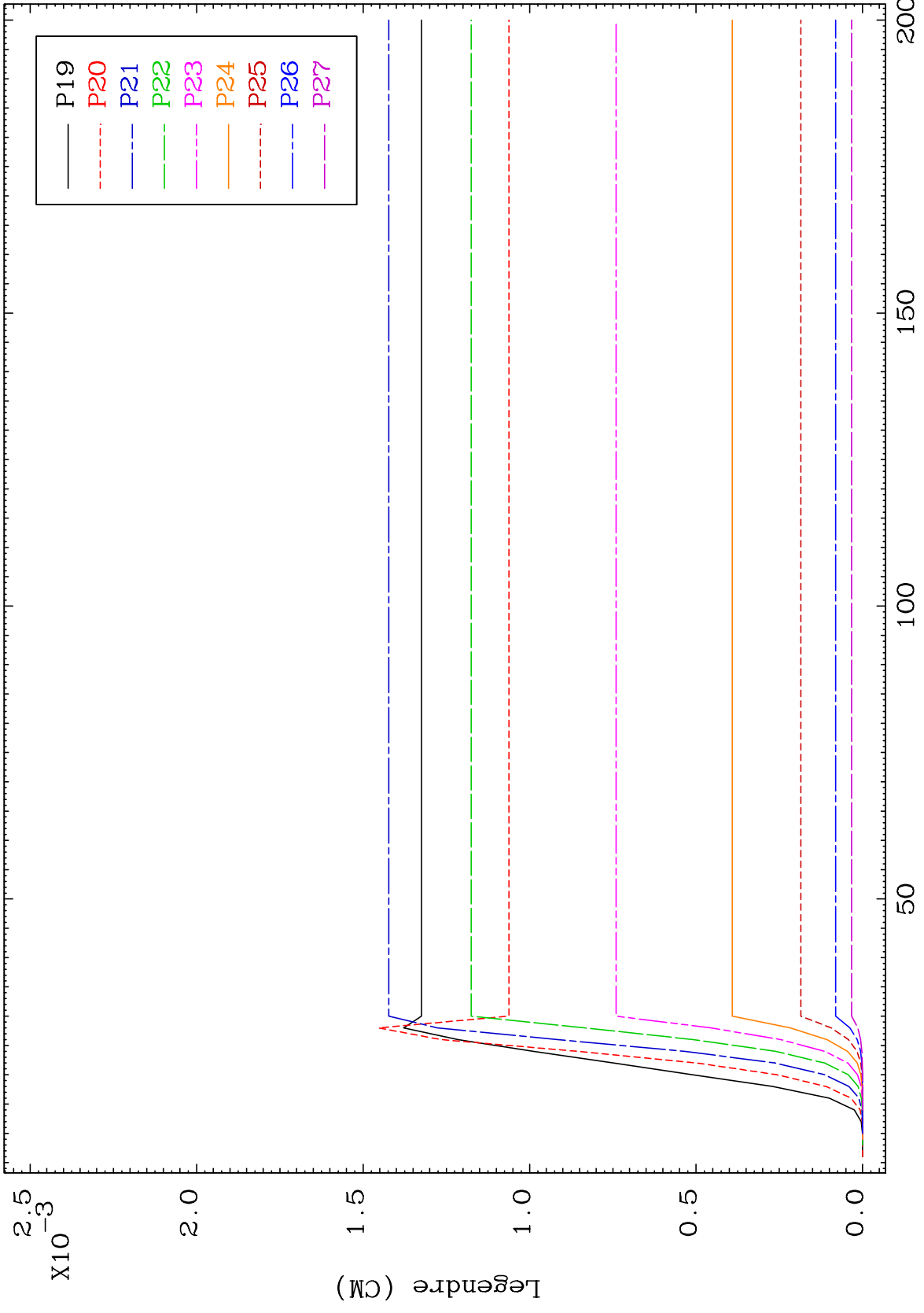
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



45

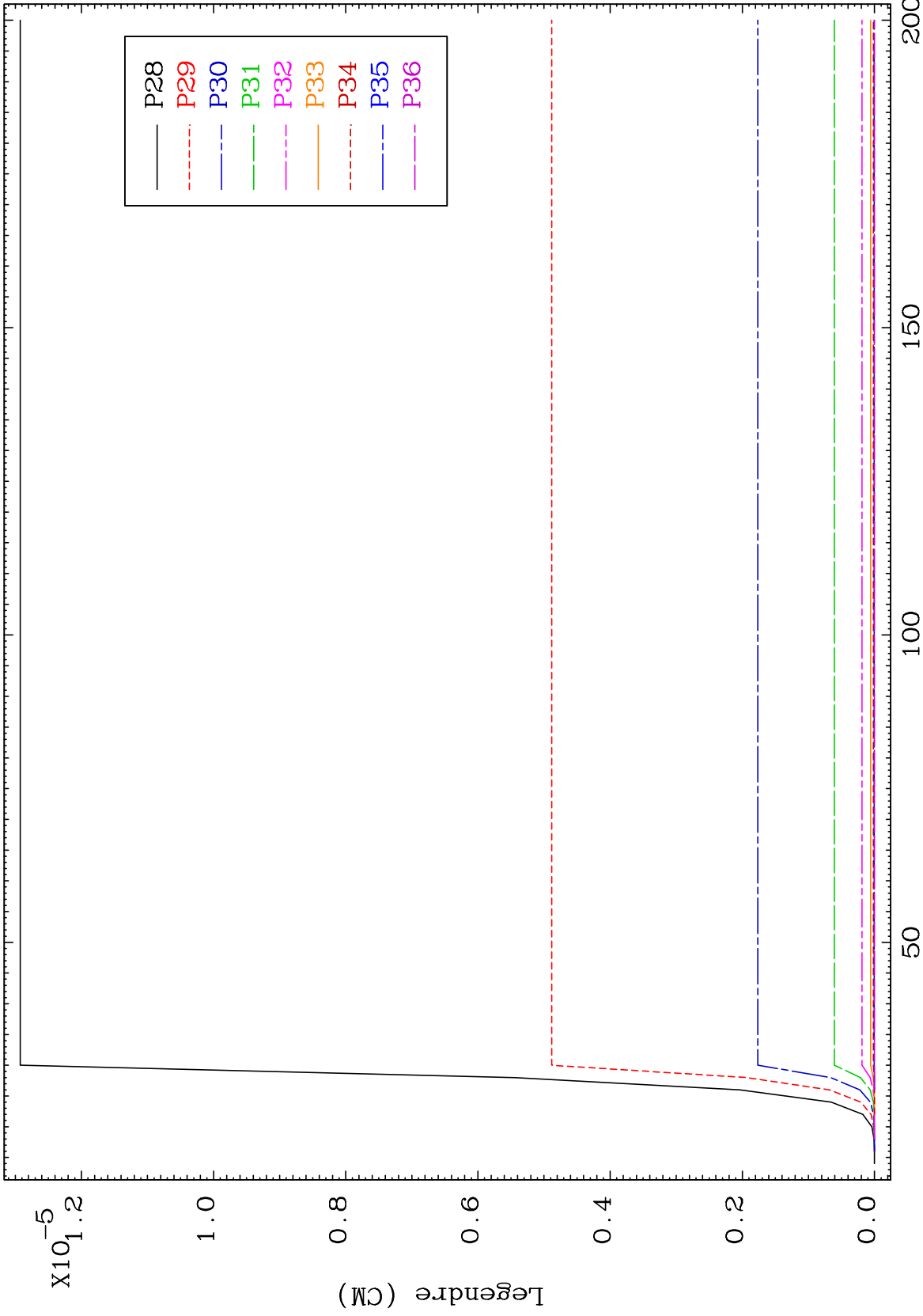
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171

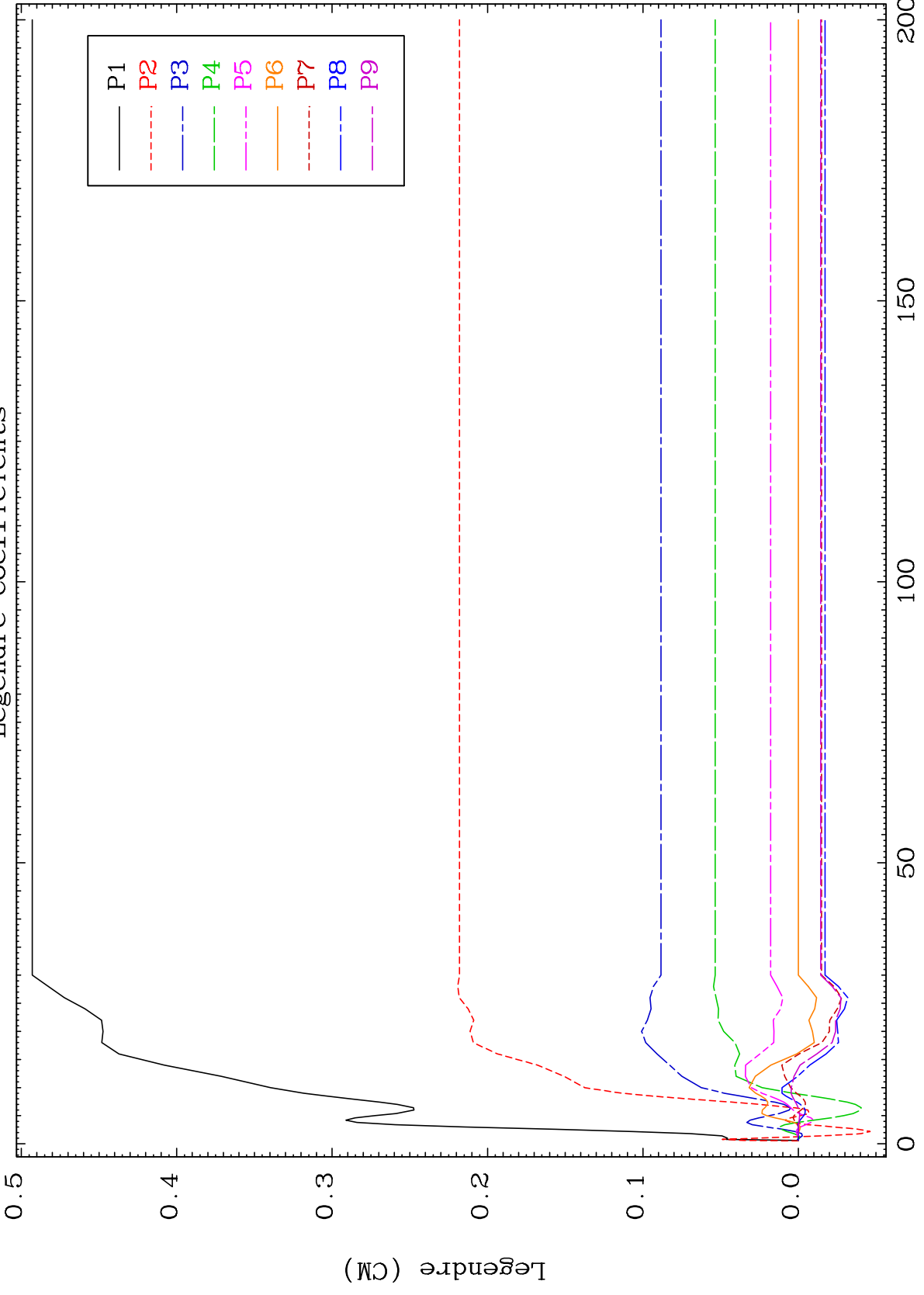


46

Incident Energy (MeV)

73-Ta-171

MAT 7298 MT= 58 (n,n') Level Legendre Coefficients 73-Ta-171



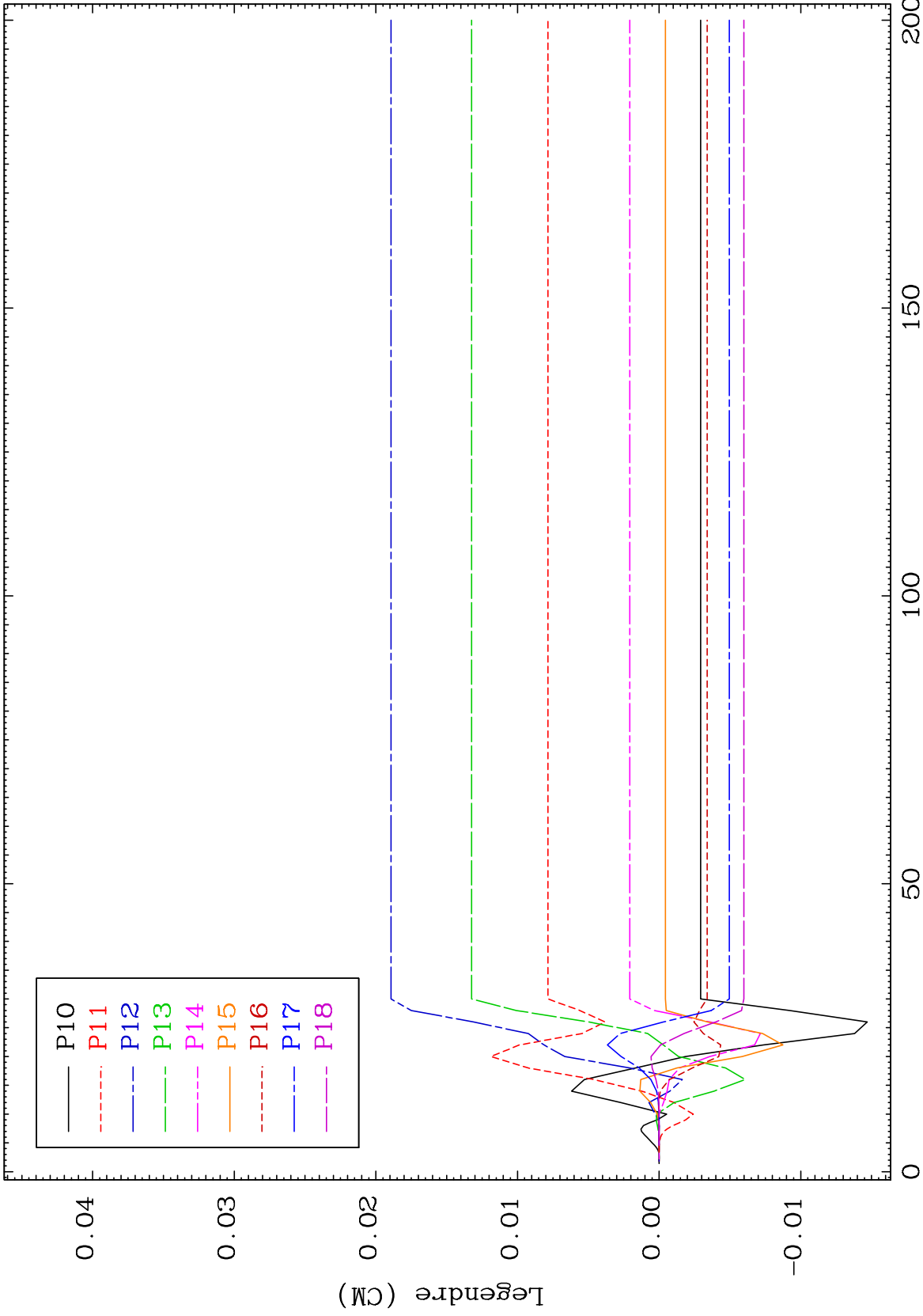
47 73-Ta-171



MAT 7298

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

73-Ta-171



48

Incident Energy (MeV)

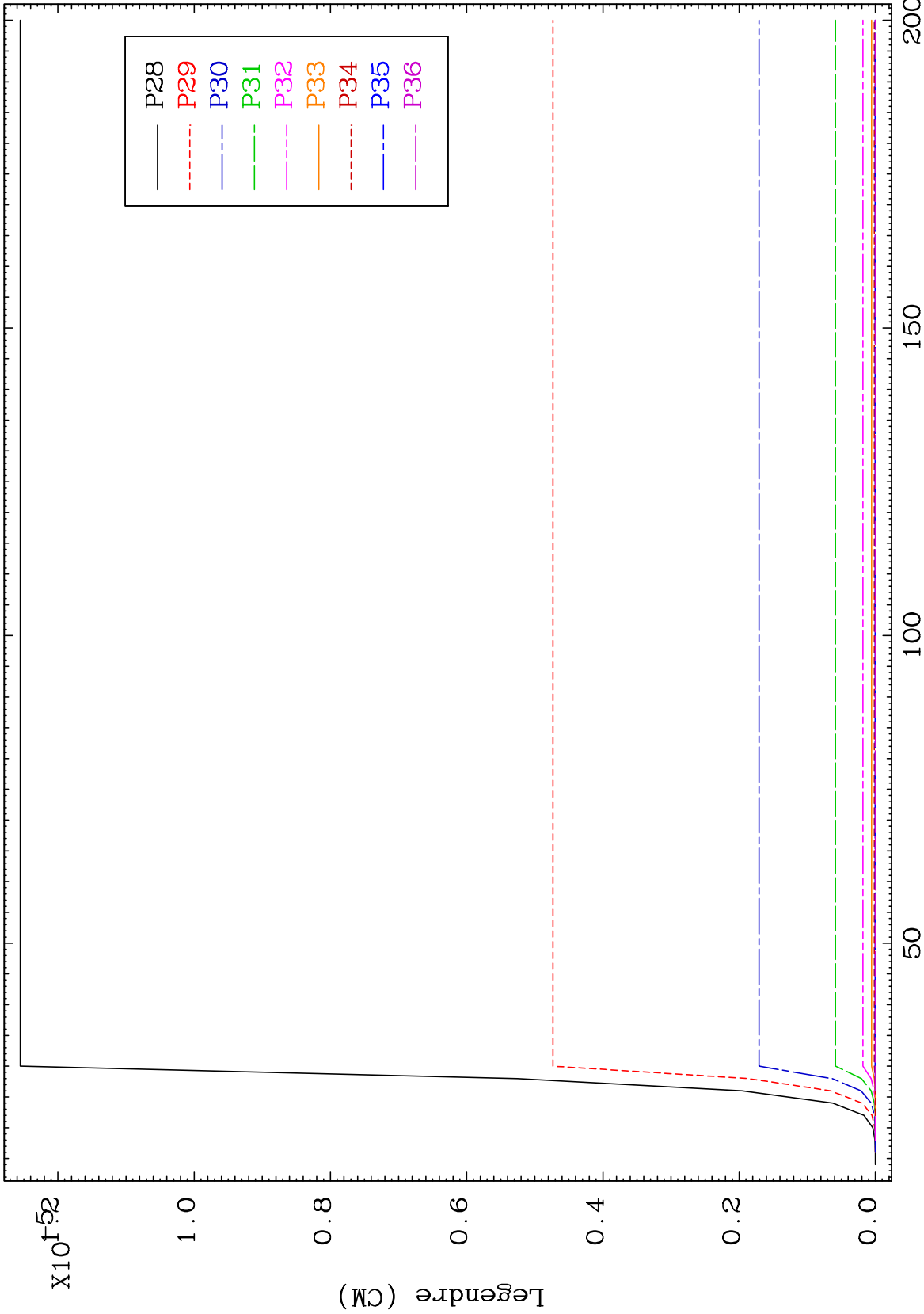
73-Ta-171



MAT 7298

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

73-Ta-171



50

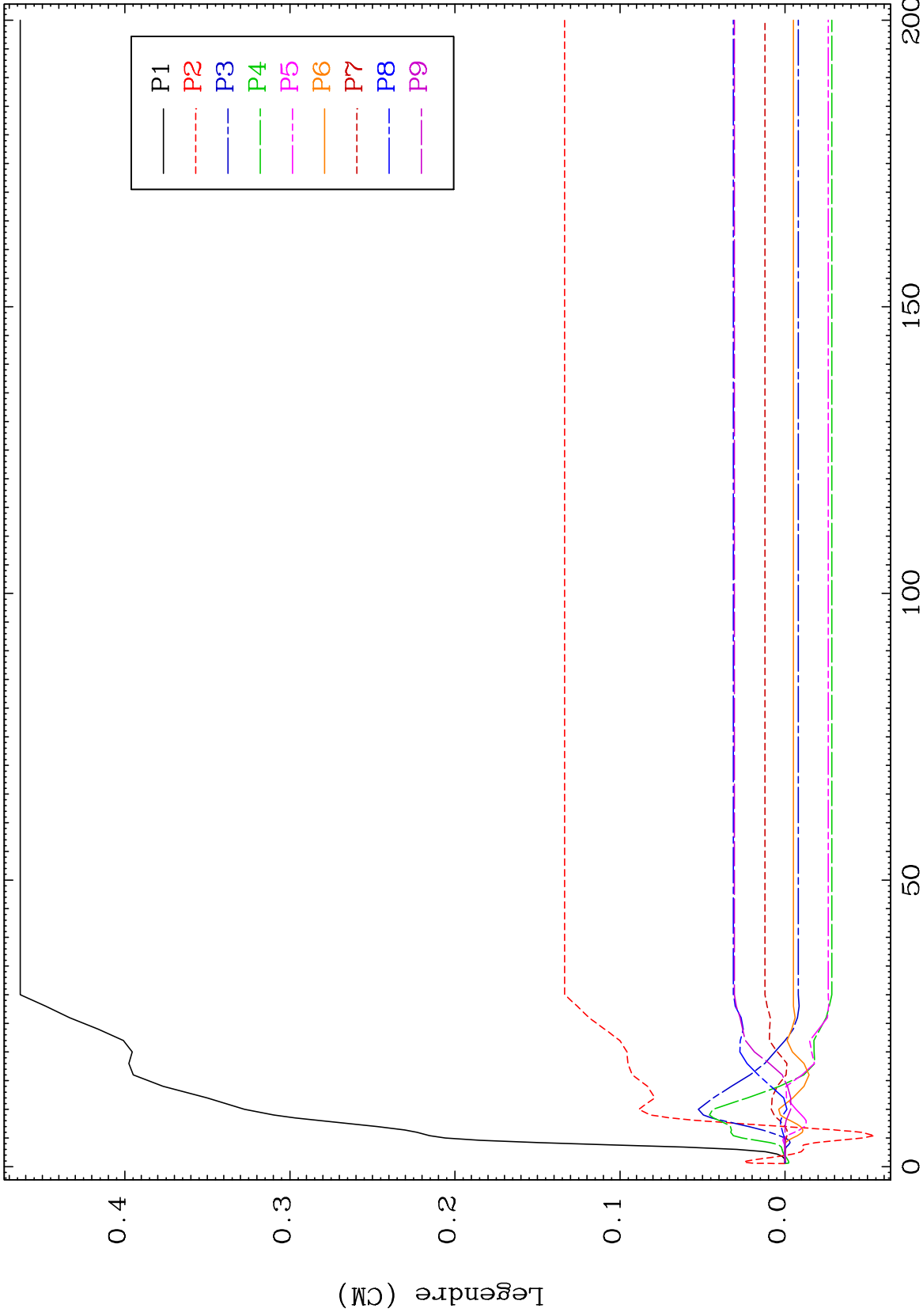
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



51

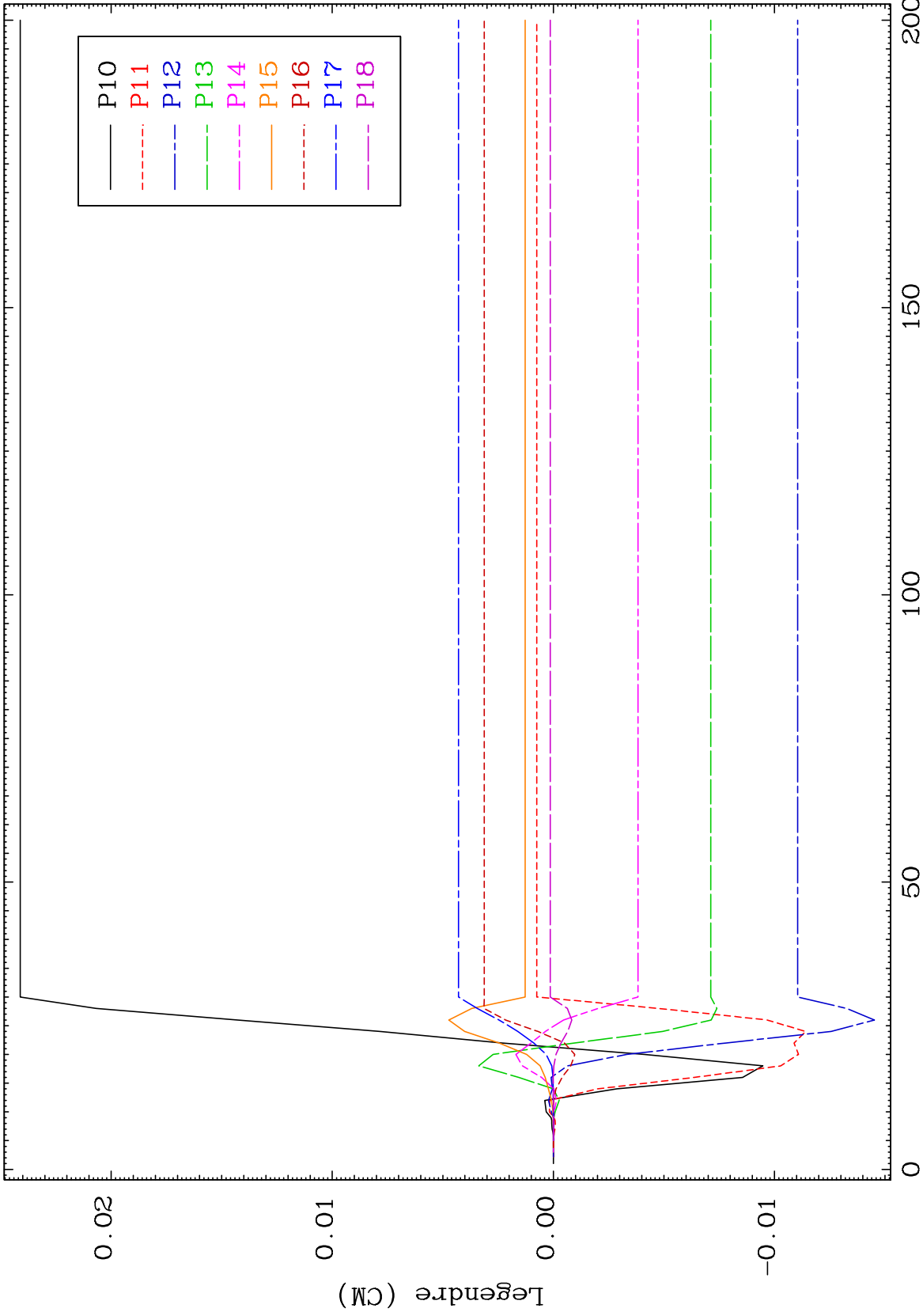
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



52

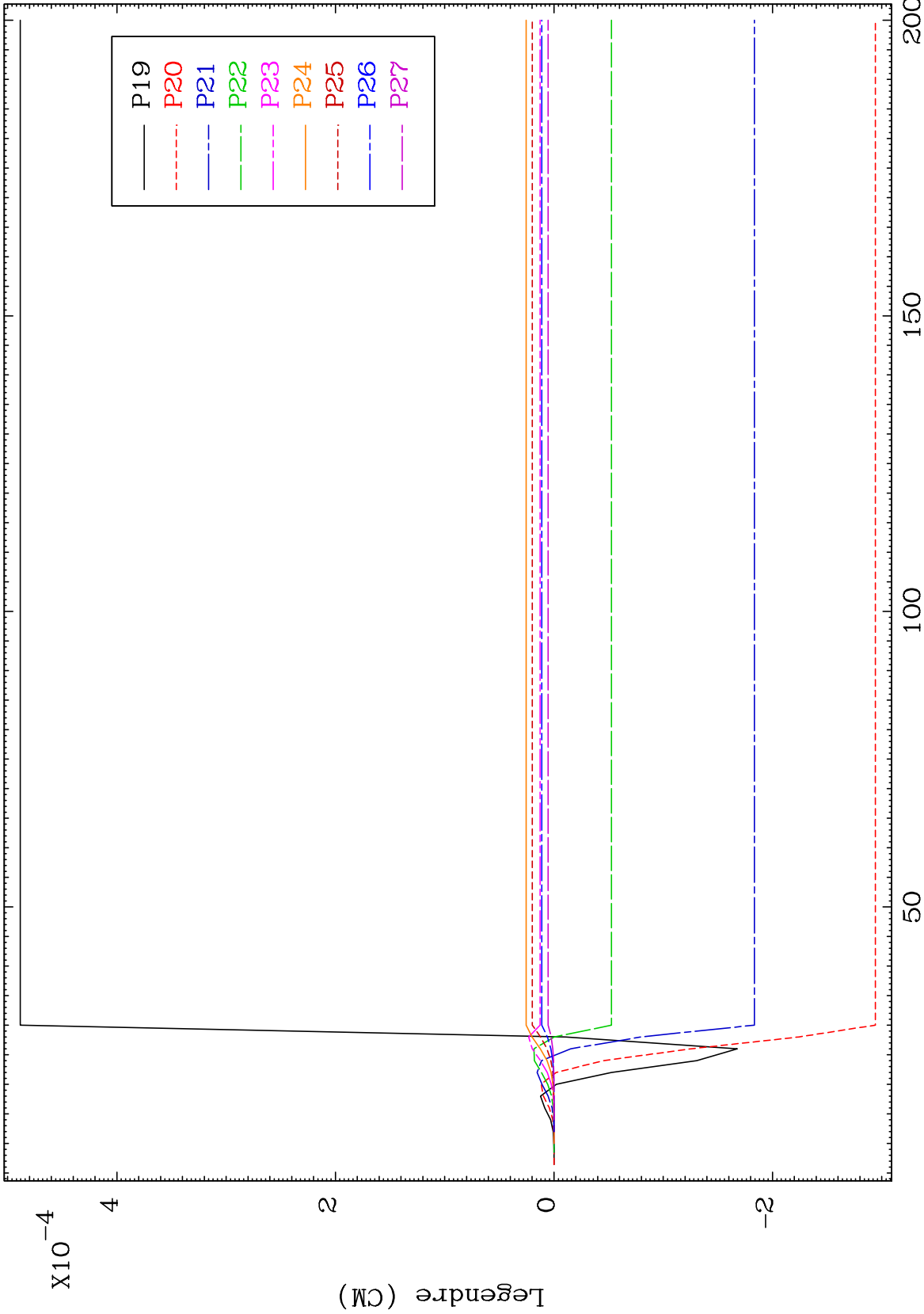
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



53

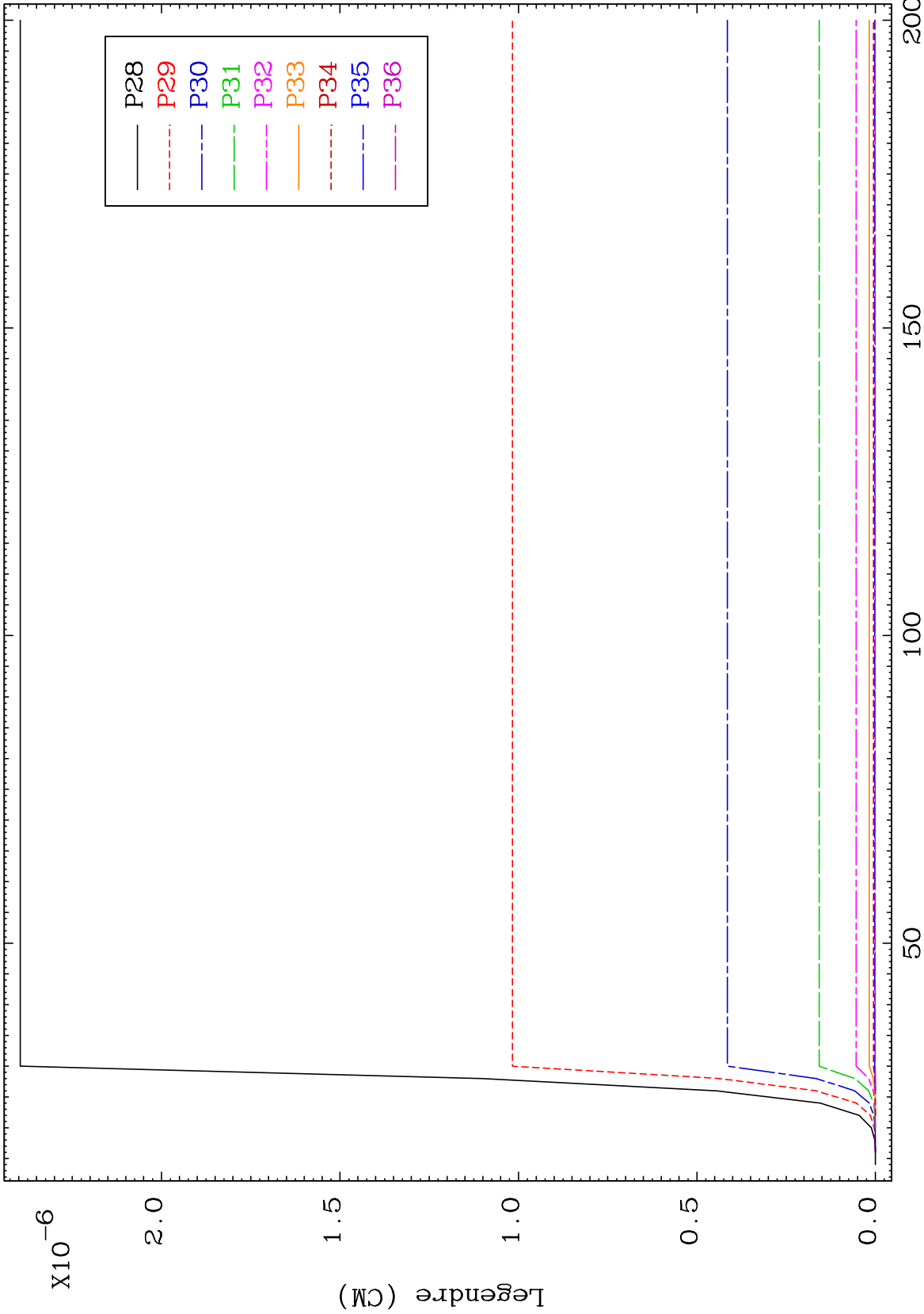
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171

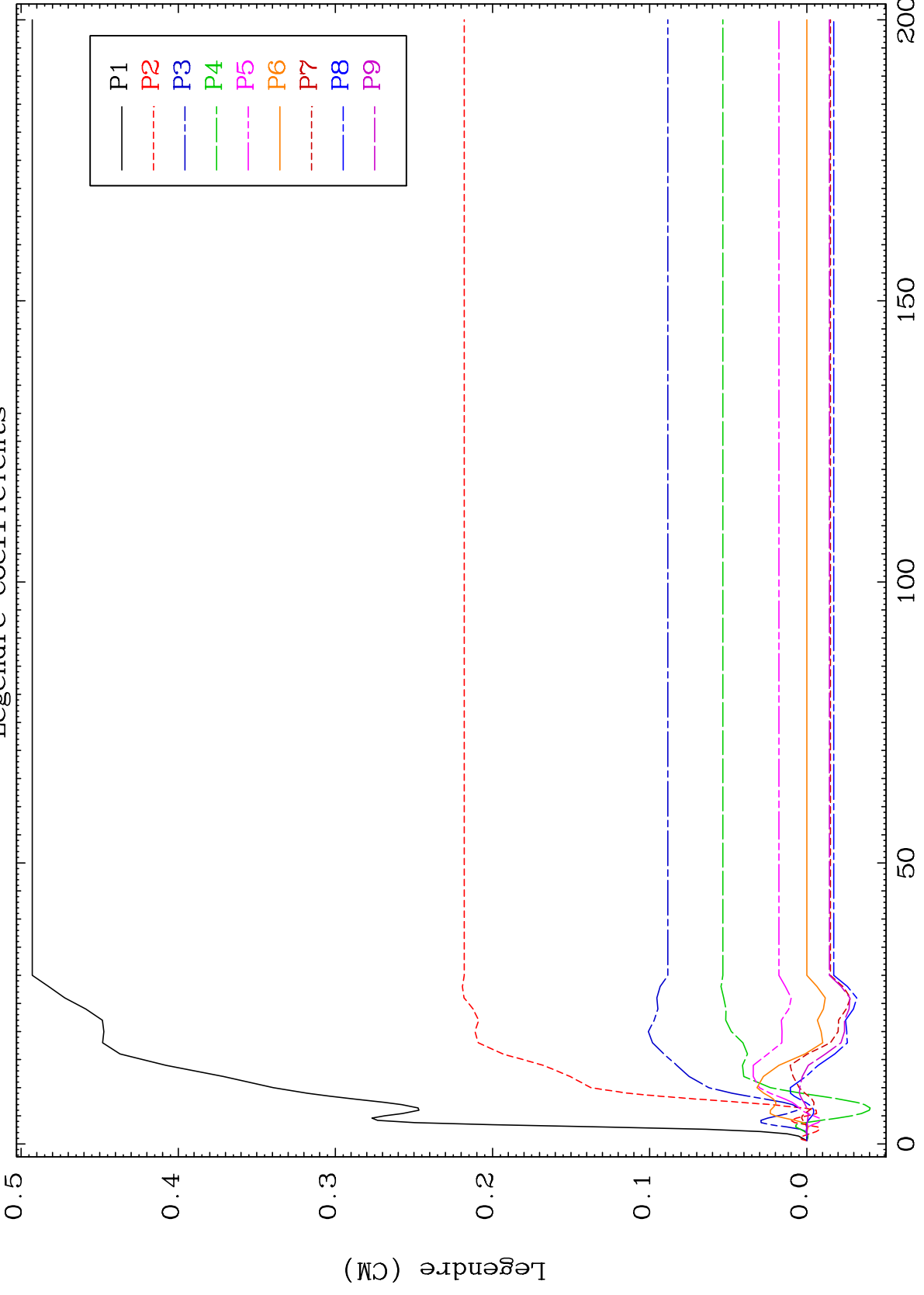


54

Incident Energy (MeV)

73-Ta-171

MAT 7298 MT= 60 (n,n') Level Legendre Coefficients 73-Ta-171



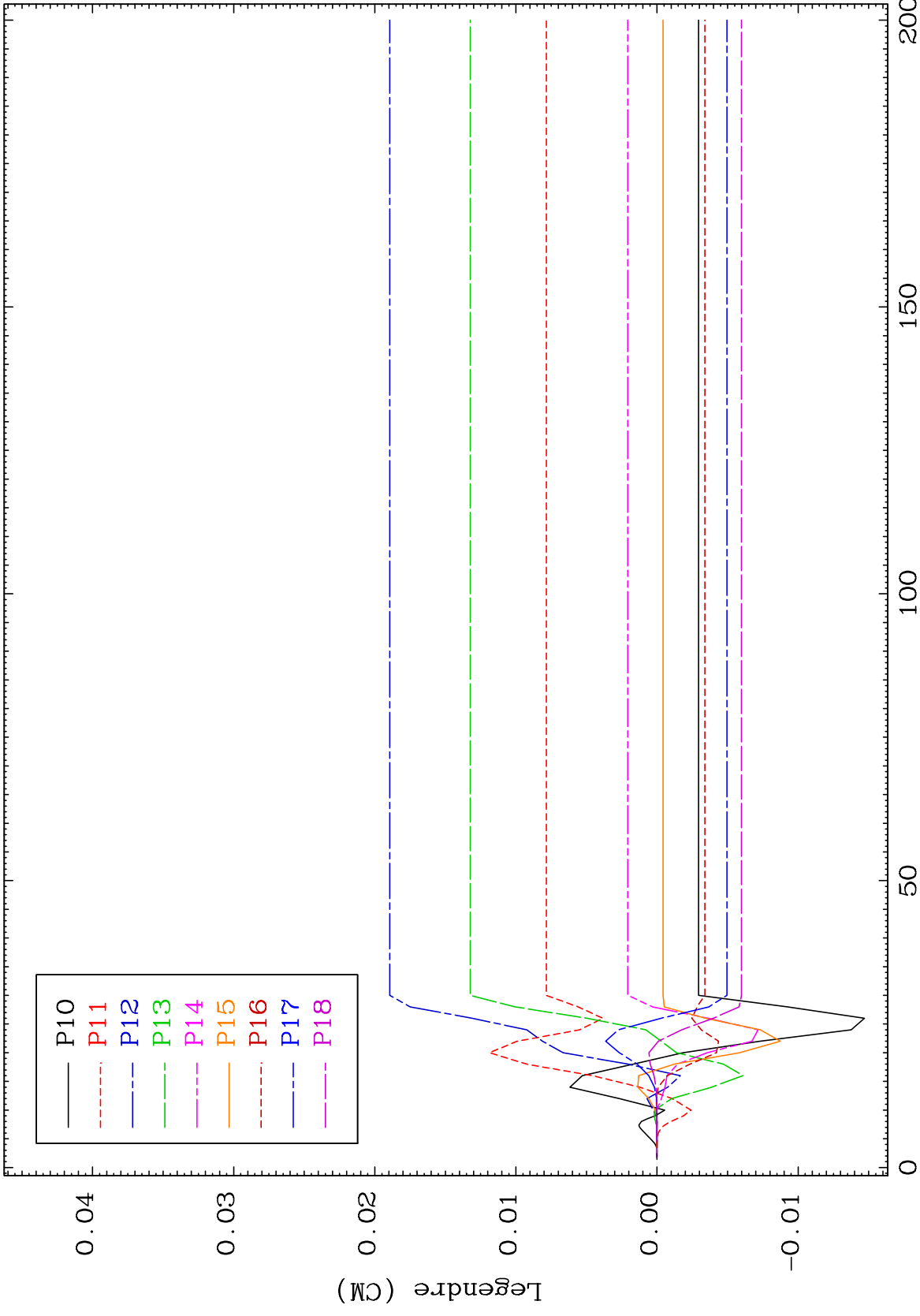
73-Ta-171



MAT 7298

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

73-Ta-171



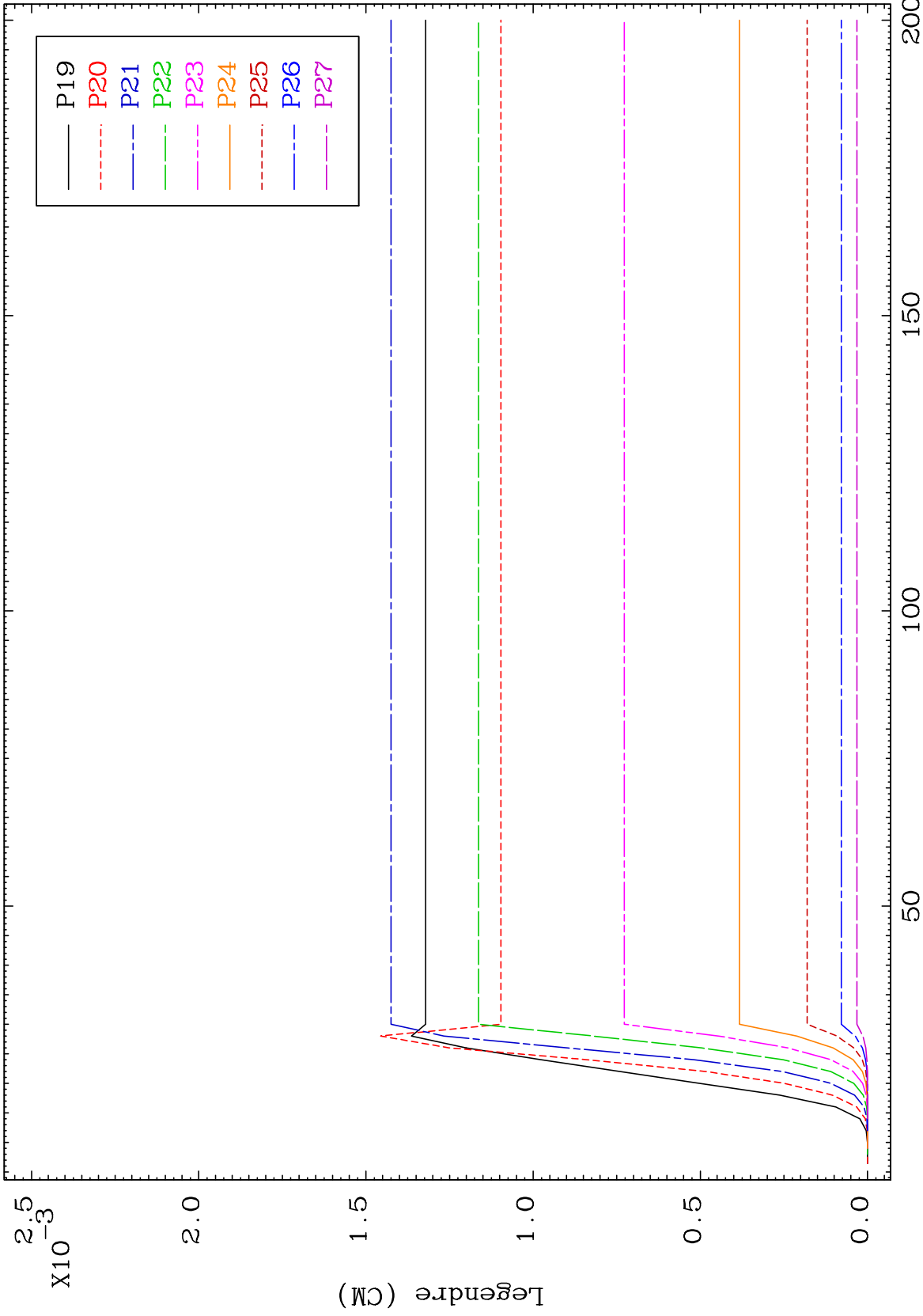
56

73-Ta-171

MAT 7298

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

73-Ta-171



57

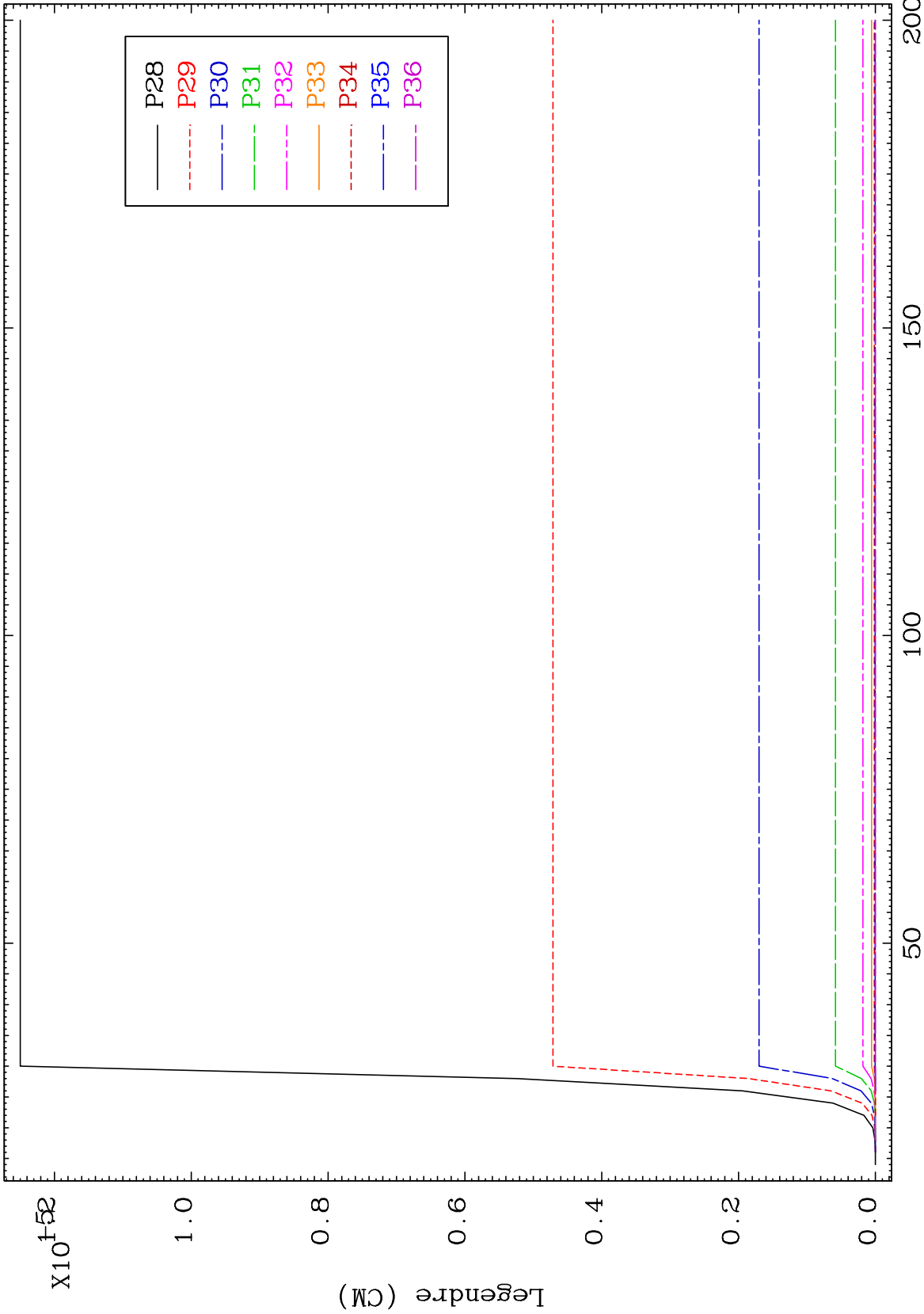
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



58

Incident Energy (MeV)

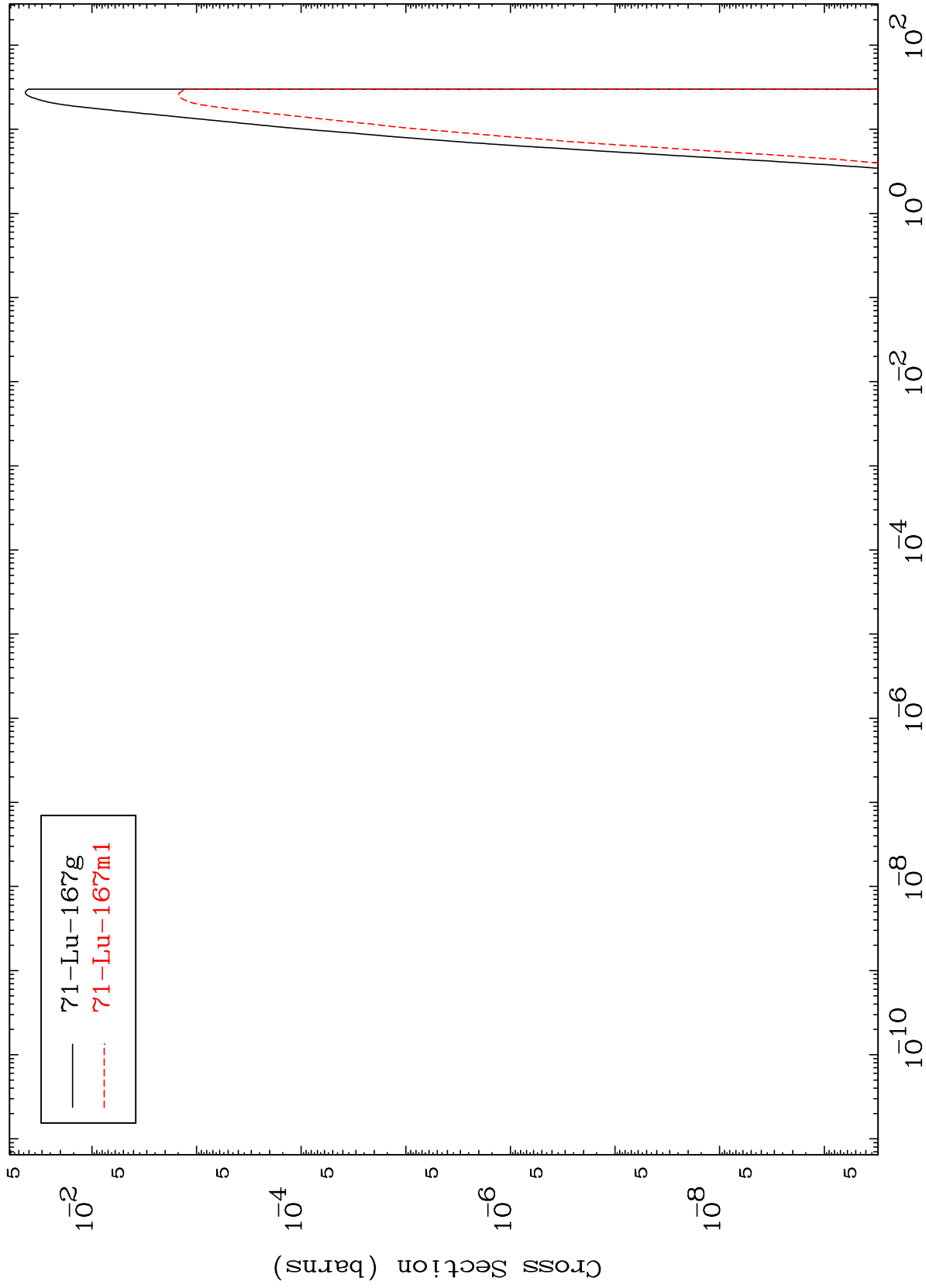
73-Ta-171

MAT 7298

(n,n')  $\alpha$

73-Ta-171

Radionuclide Production Cross Section



59

Incident Energy (MeV)

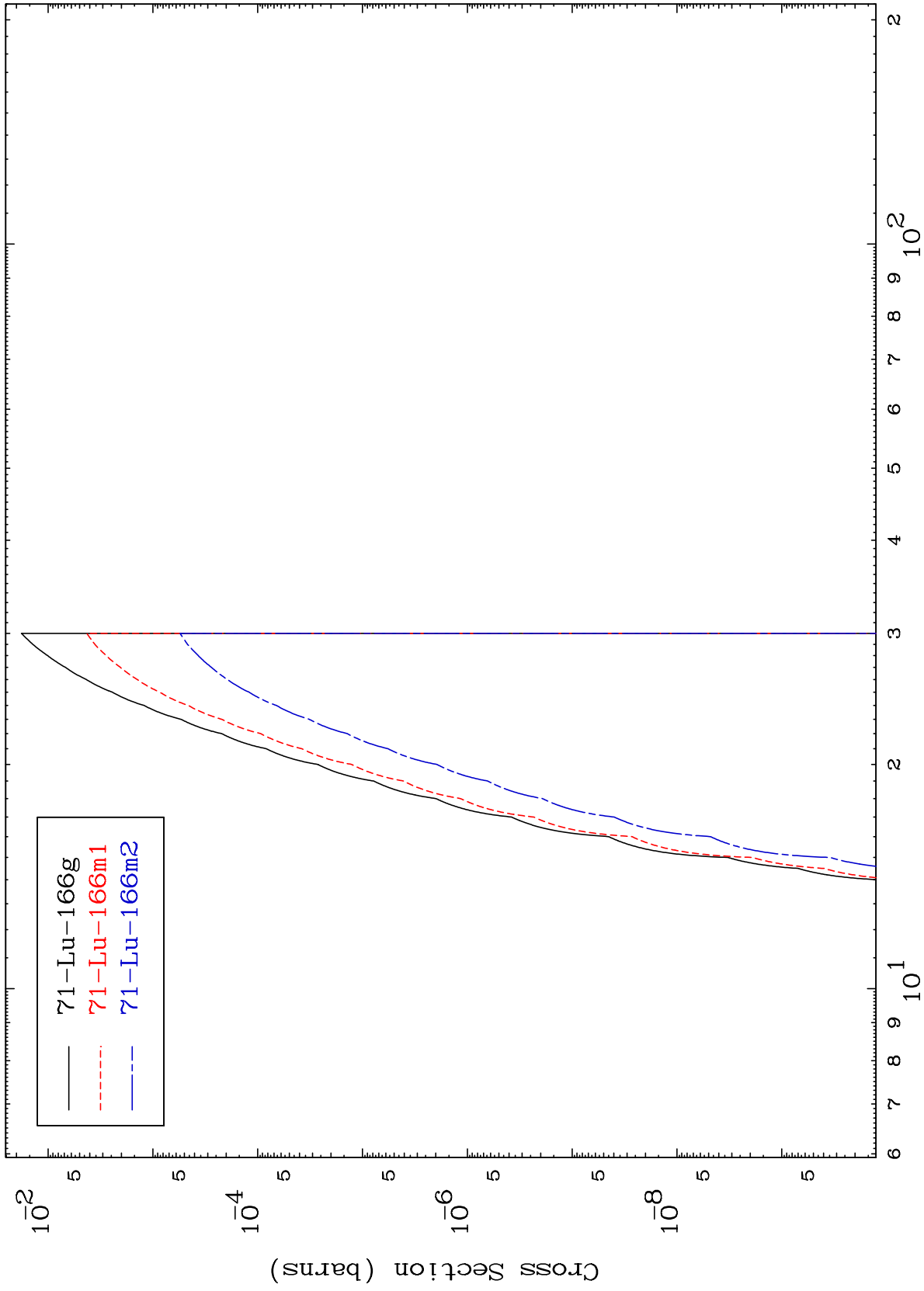
73-Ta-171

MAT 7298

(n,2n)  $\alpha$

73-Ta-171

Radionuclide Production Cross Section



71-Lu-166g  
71-Lu-166m1  
71-Lu-166m2

60

Incident Energy (MeV)

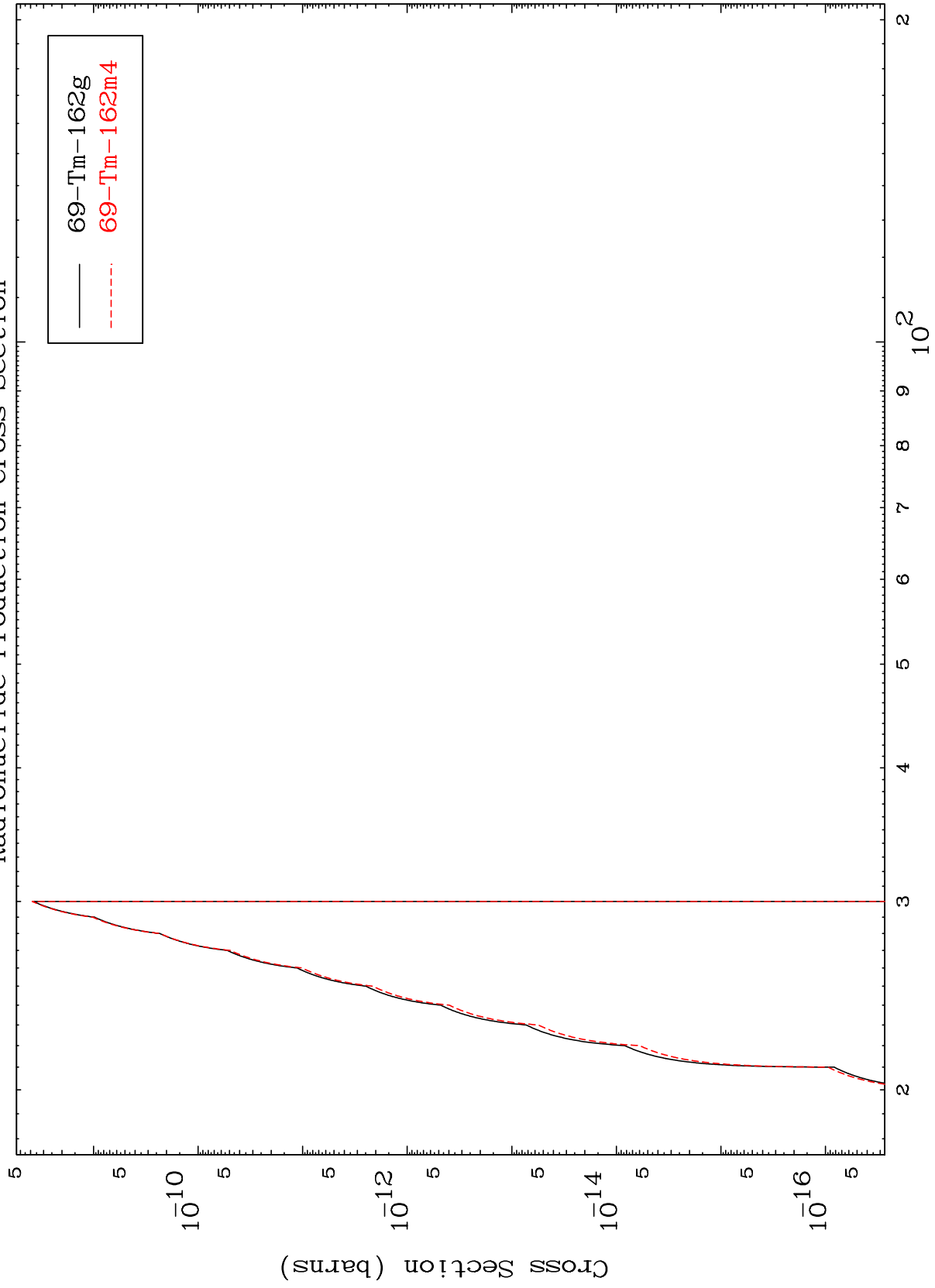
73-Ta-171

MAT 7298

(n,2n) 2 $\alpha$

73-Ta-171

Radionuclide Production Cross Section



61

Incident Energy (MeV)

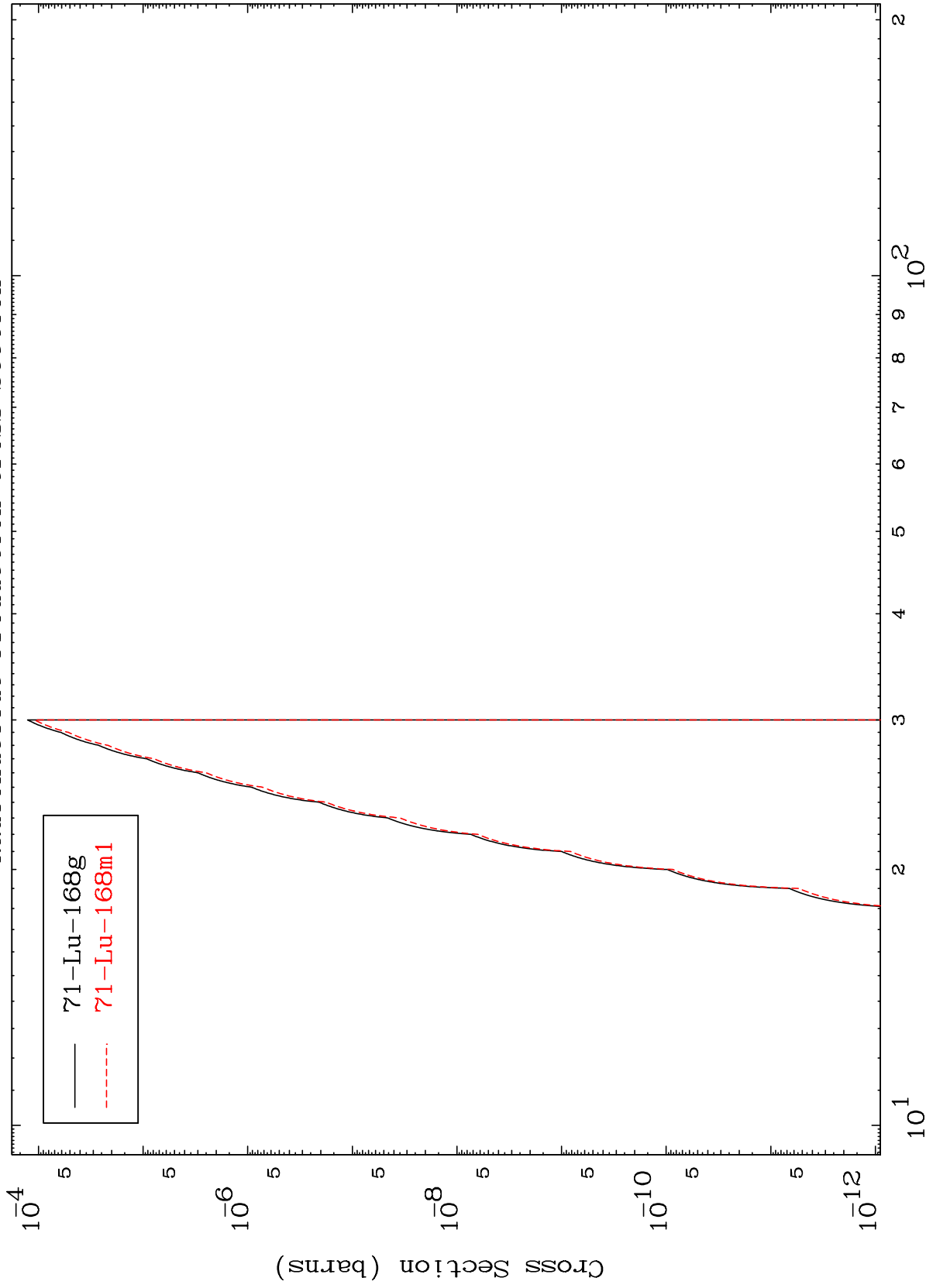
73-Ta-171

MAT 7298

(n, n') He-3

73-Ta-171

Radionuclide Production Cross Section



71-Lu-168g  
71-Lu-168m1

62

Incident Energy (MeV)

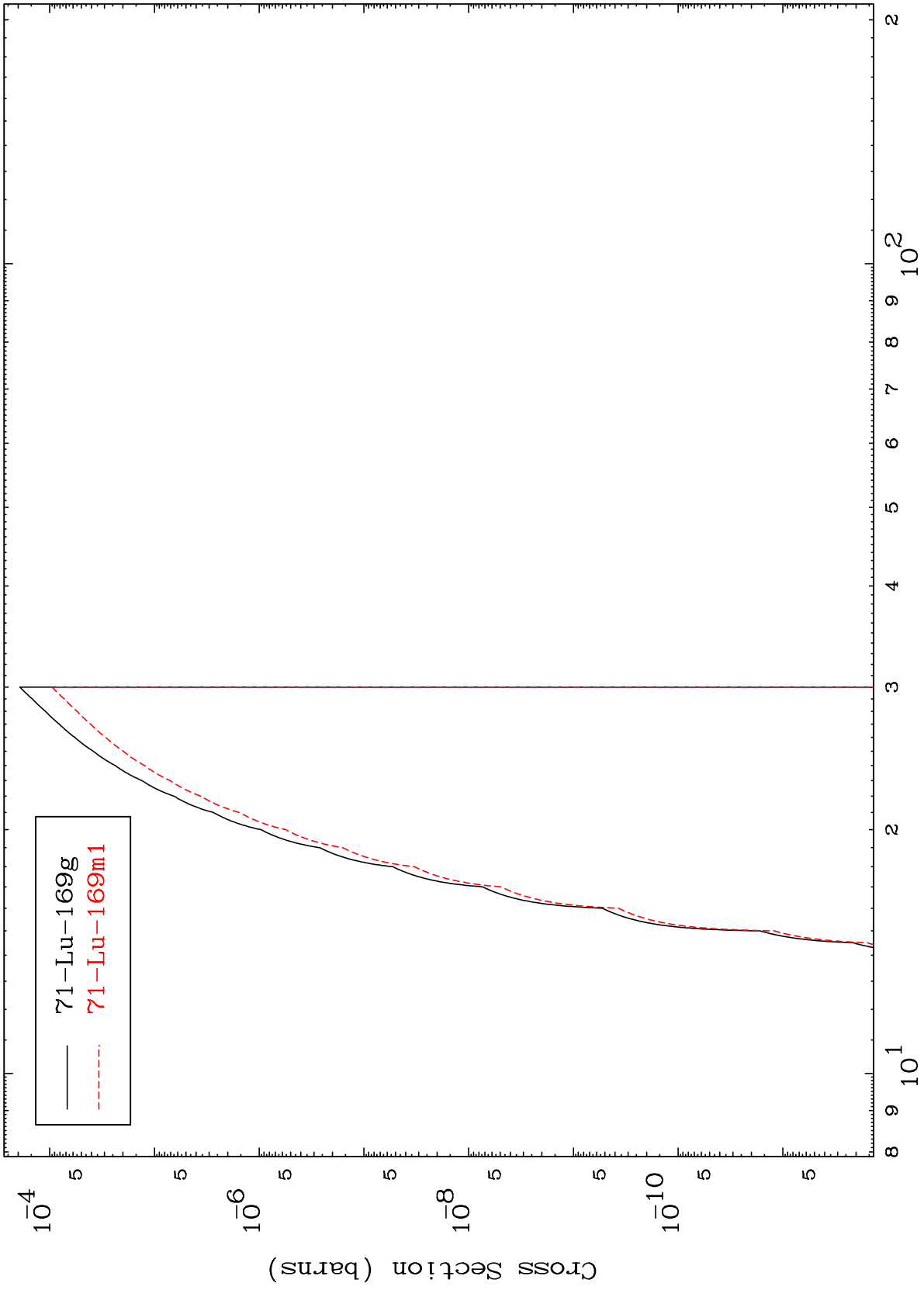
73-Ta-171

MAT 7298

(n,2n) p

<sup>73</sup>Ta-171

Radionuclide Production Cross Section



63

Incident Energy (MeV)

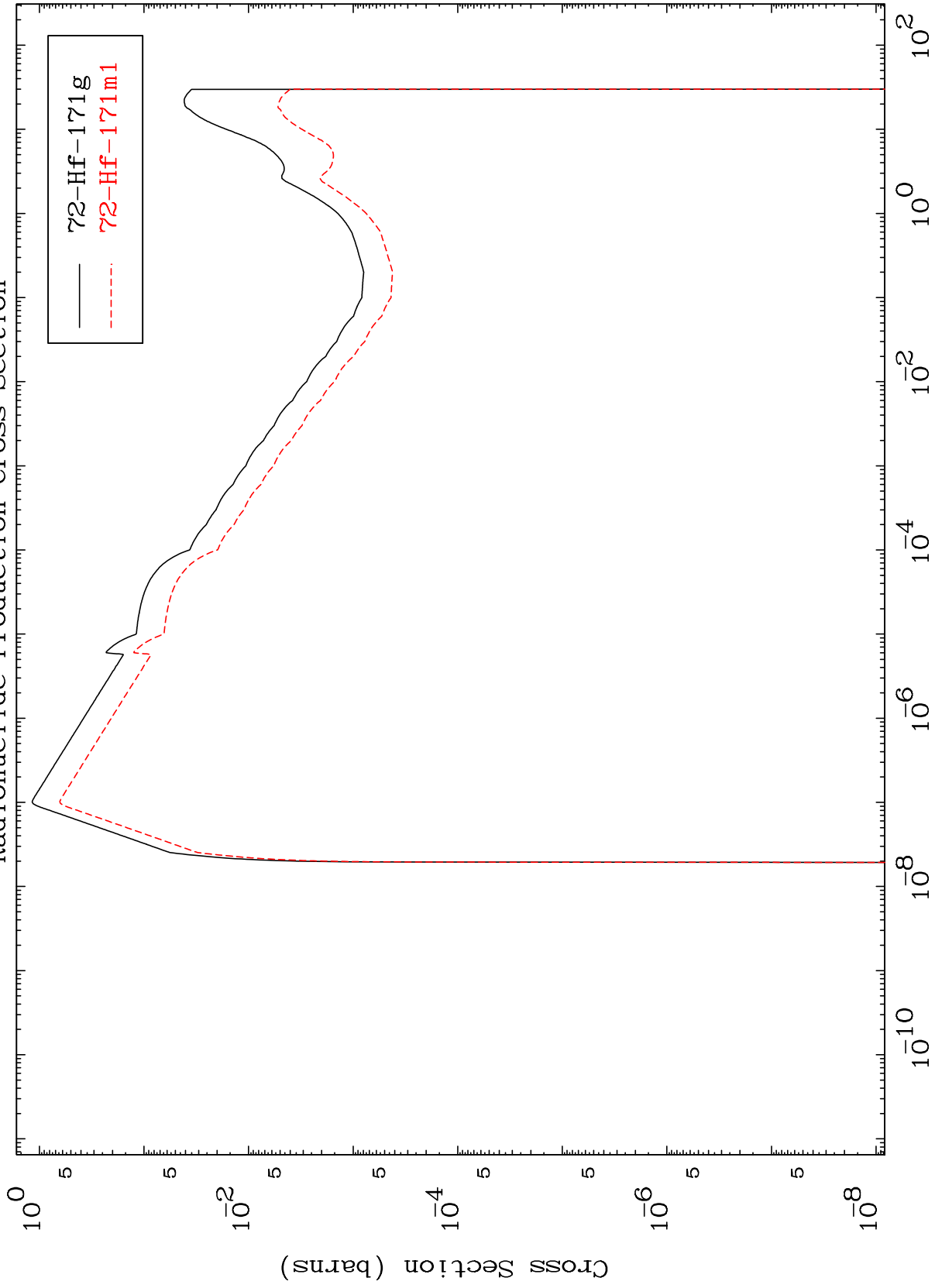
<sup>73</sup>Ta-171



MAT 7298

73-Ta-171

Radionuclide Production Cross Section (n,p)



64

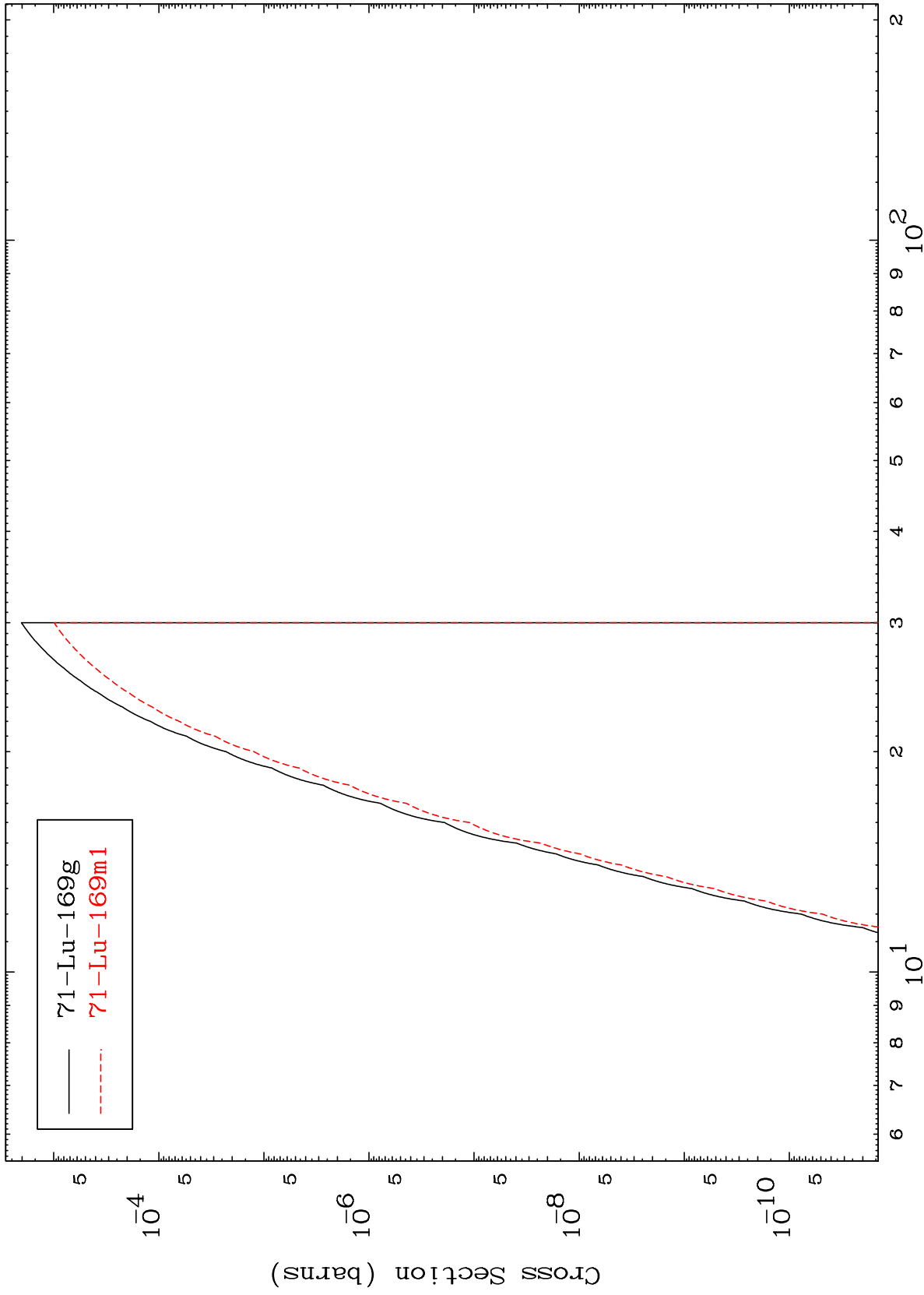
73-Ta-171

MAT 7298

(n, He-3)

73-Ta-171

Radionuclide Production Cross Section



65

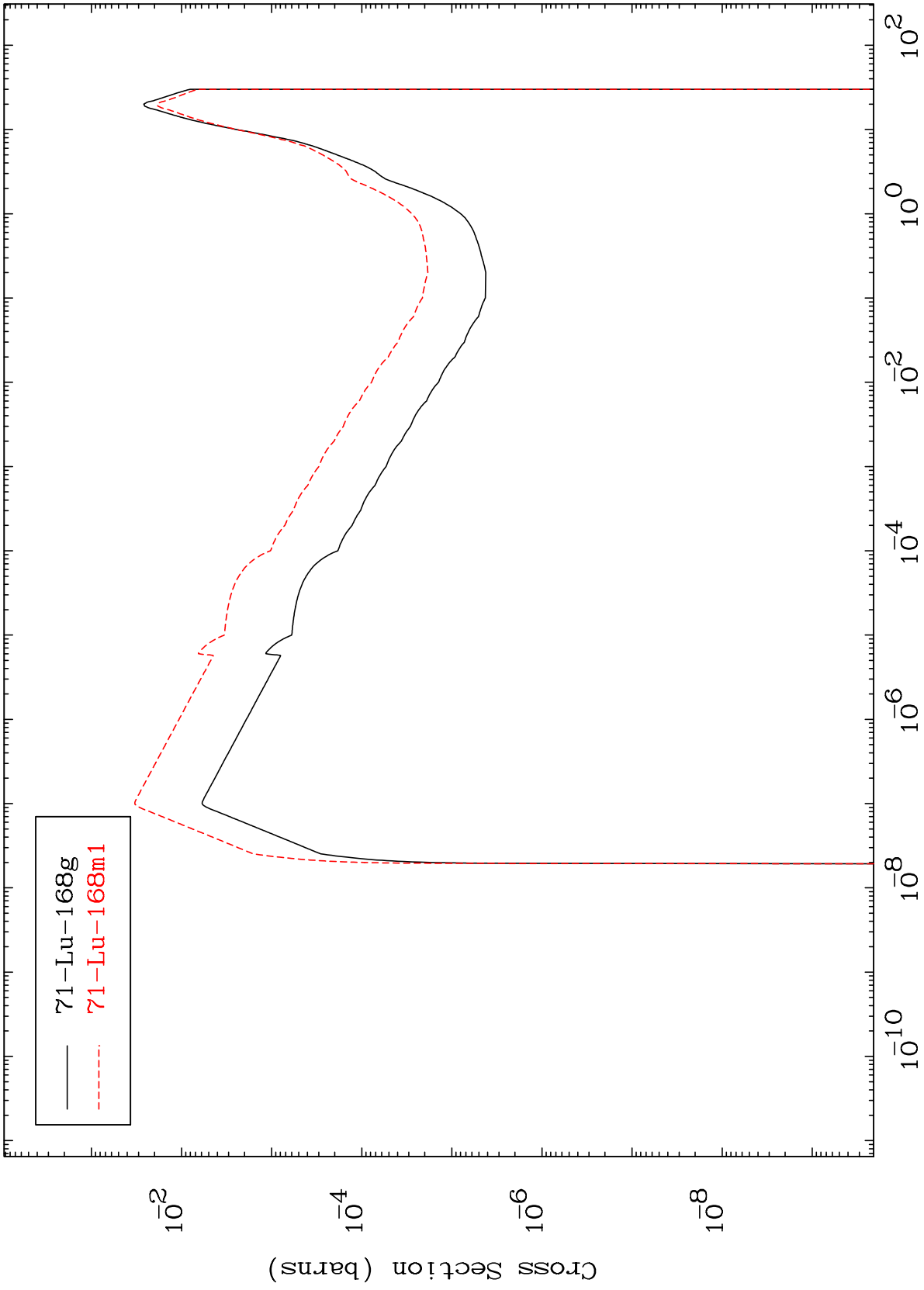
Incident Energy (MeV)

73-Ta-171

MAT 7298

73-Ta-171

Radionuclide Production Cross Section



66

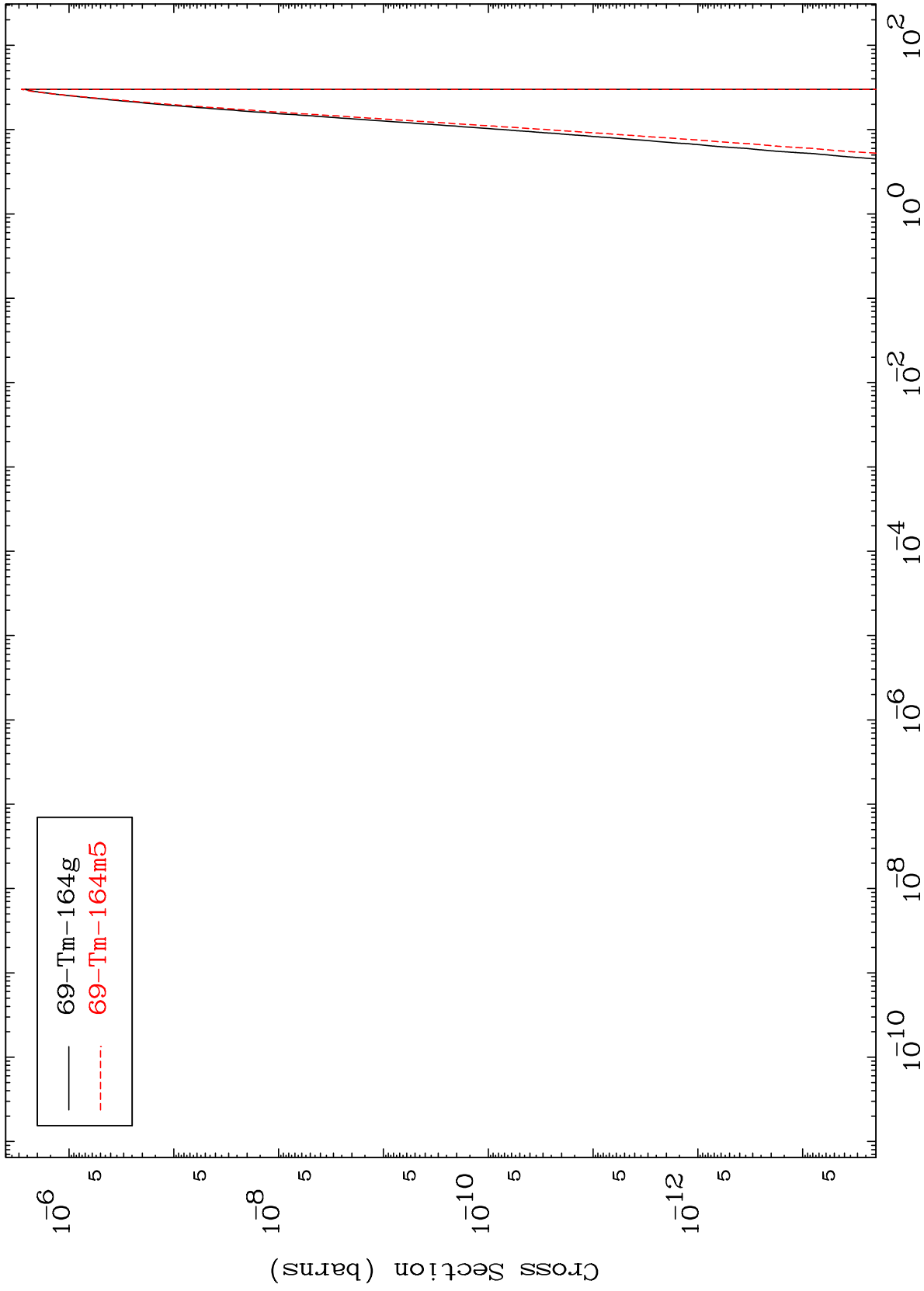
73-Ta-171

MAT 7298

(n,2α)

73-Ta-171

Radionuclide Production Cross Section



67

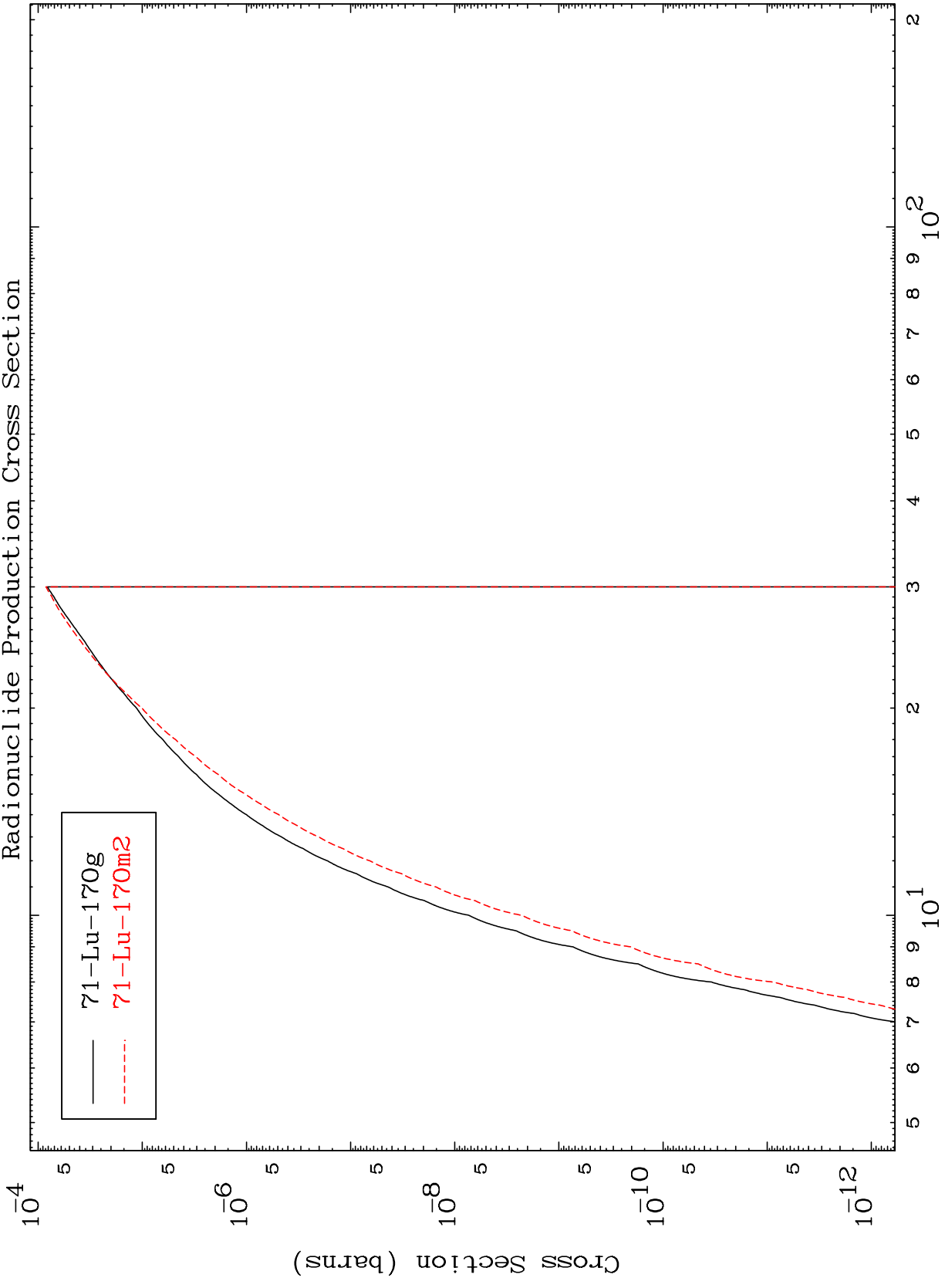
Incident Energy (MeV)

73-Ta-171

MAT 7298

73-Ta-171

Radionuclide Production Cross Section (n,2p)



71-Lu-170g  
71-Lu-170m2

68

Incident Energy (MeV)

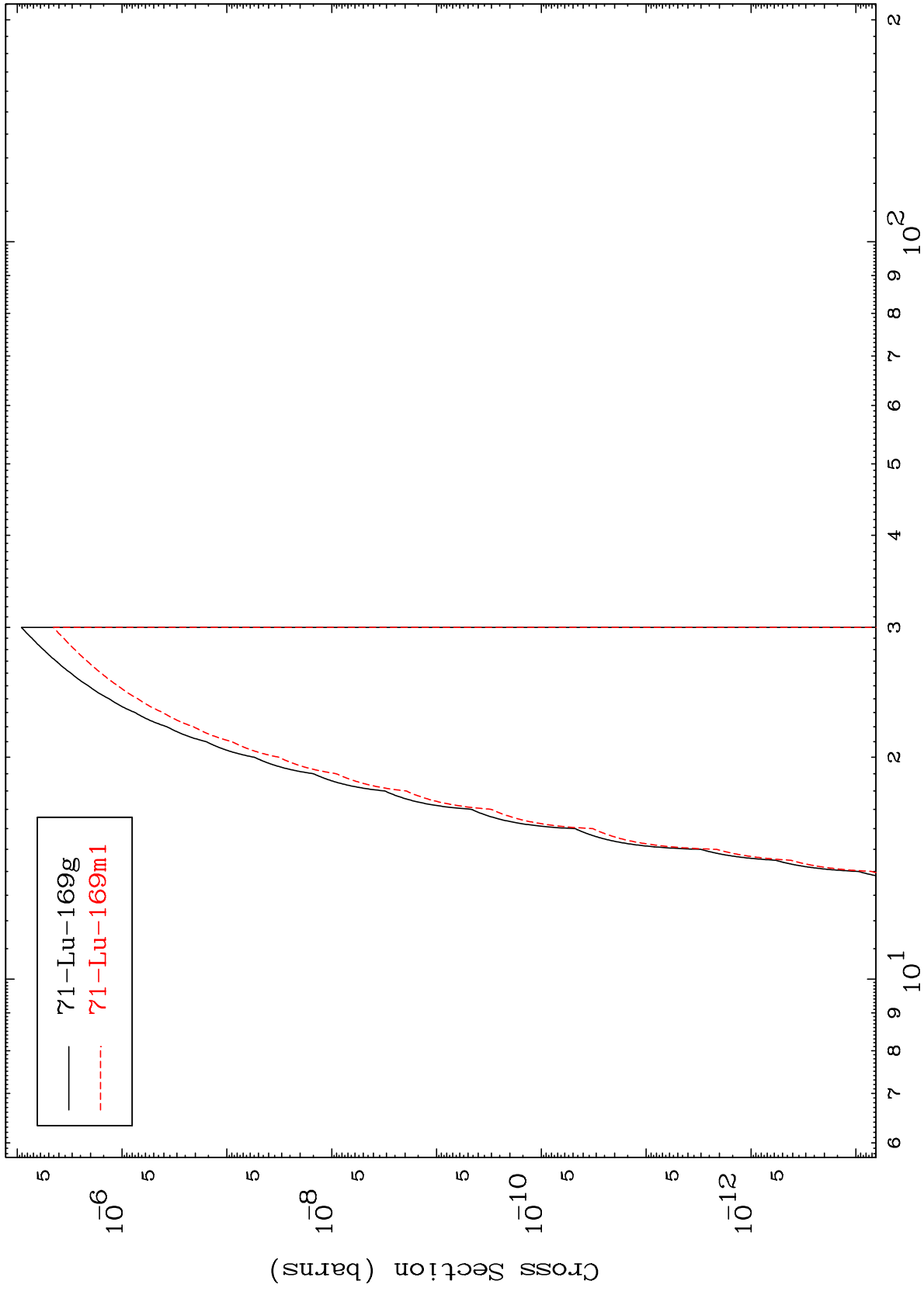
73-Ta-171

MAT 7298

(n,p) d

73-Ta-171

Radionuclide Production Cross Section



69

Incident Energy (MeV)

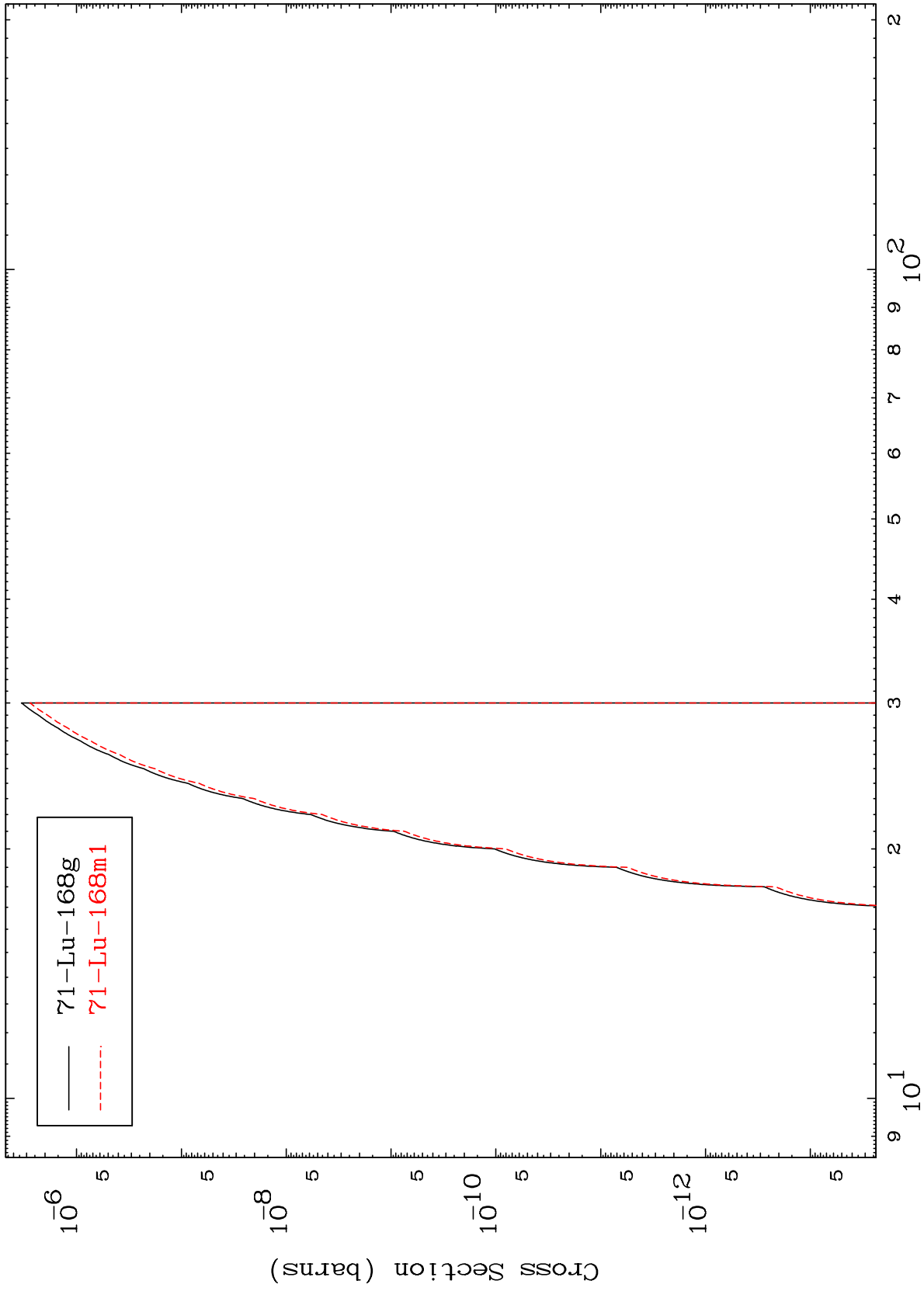
73-Ta-171

MAT 7298

(n,p) t

73-Ta-171

Radionuclide Production Cross Section



70

Incident Energy (MeV)

73-Ta-171