

Program EVALPLOT  
(Version 2021-1)

by

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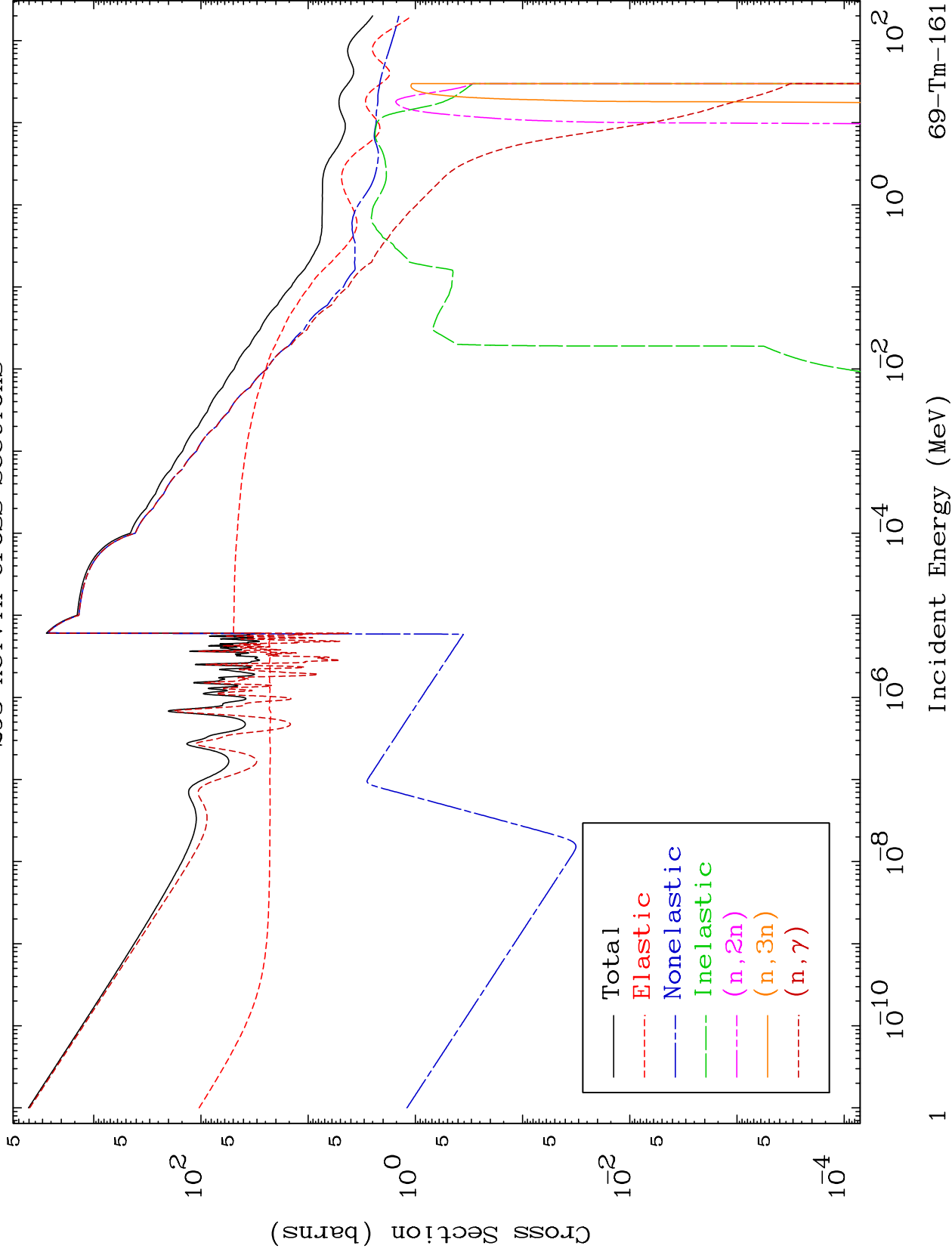
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6901

Neutron Major  
293 Kelvin Cross Sections

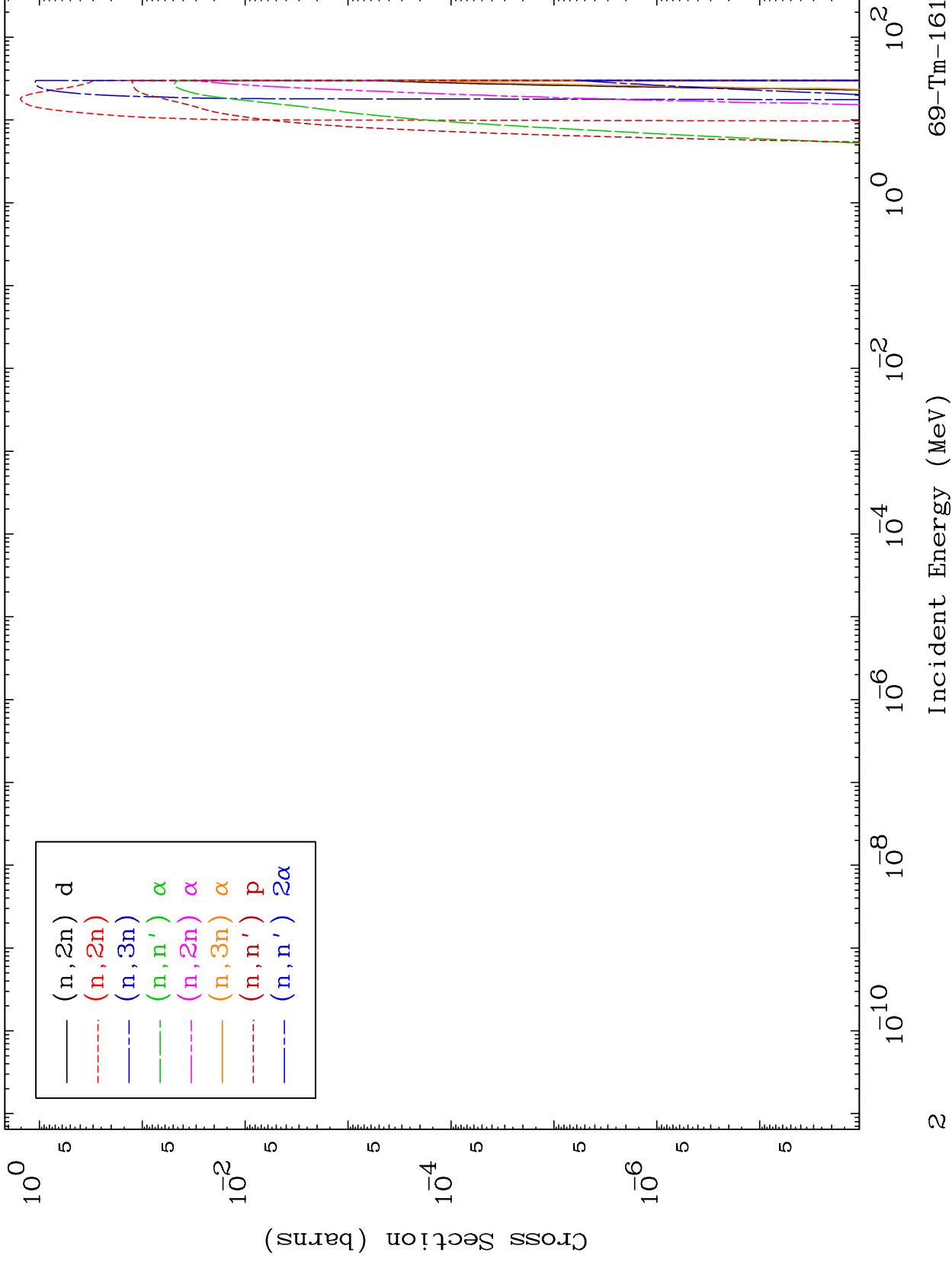
69-Tm-161



MAT 6901

Neutron Absorption  
293 Kelvin Cross Sections

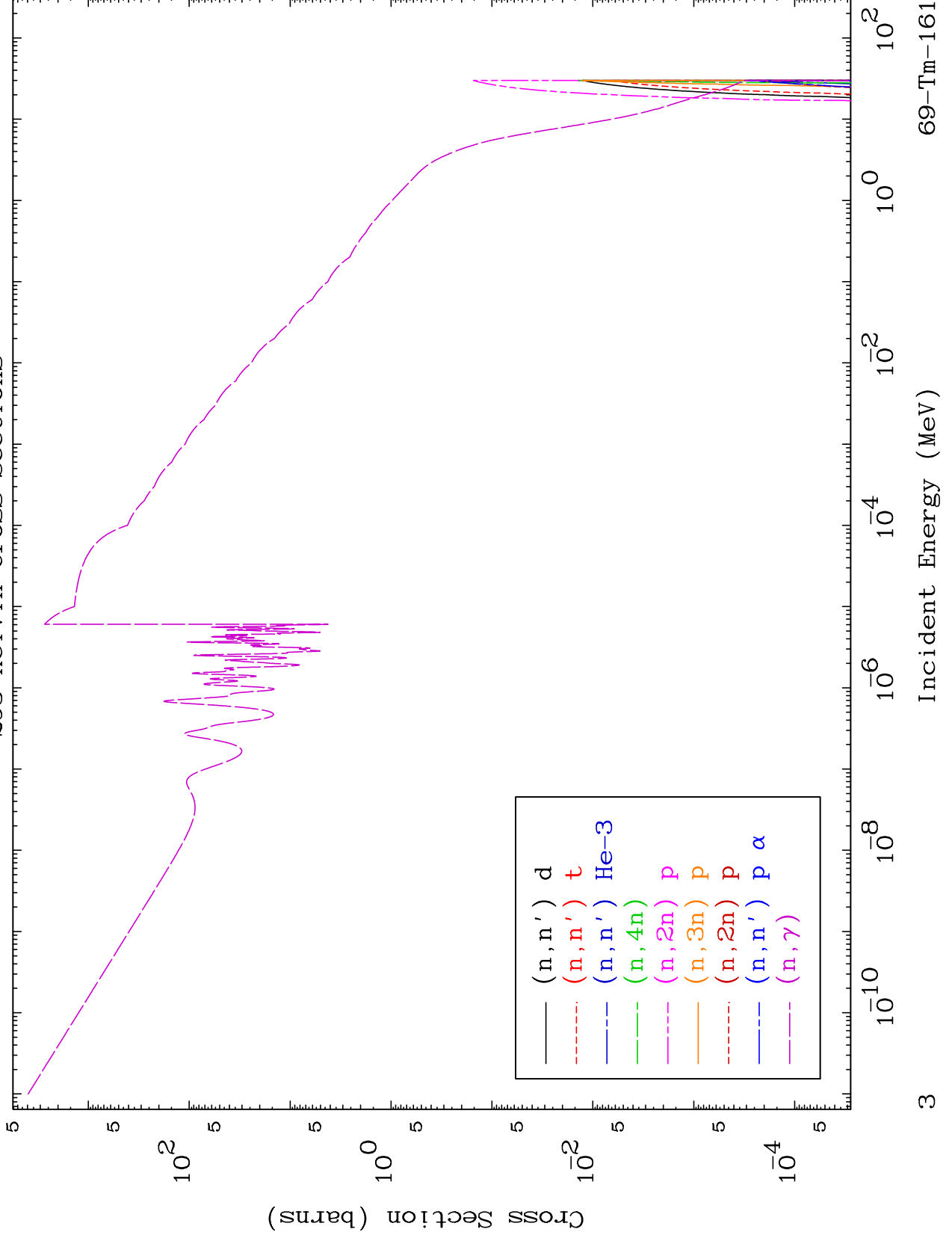
69-Tm-161



MAT 6901

Neutron Absorption  
293 Kelvin Cross Sections

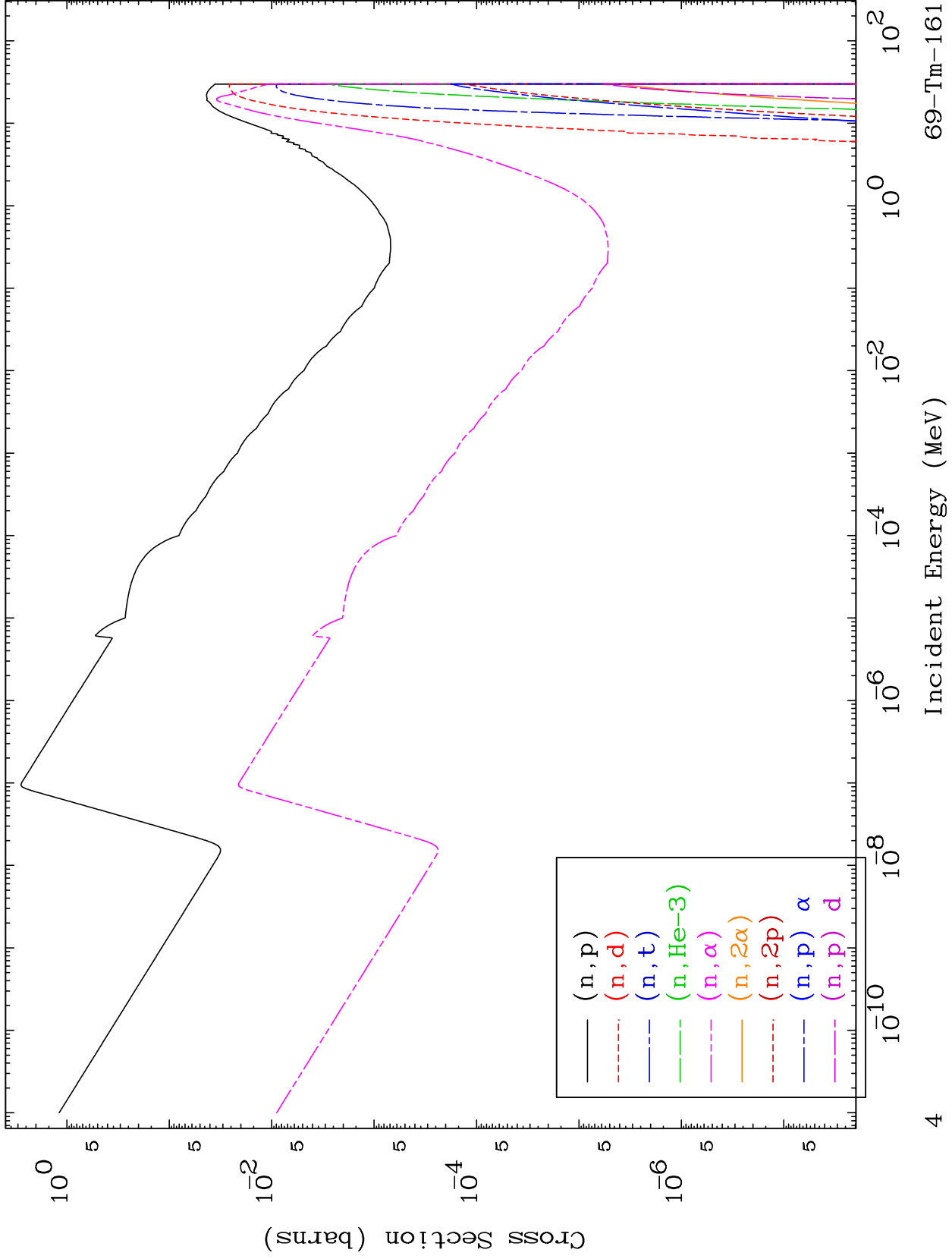
69-Tm-161



MAT 6901

Neutron Absorption  
293 Kelvin Cross Sections

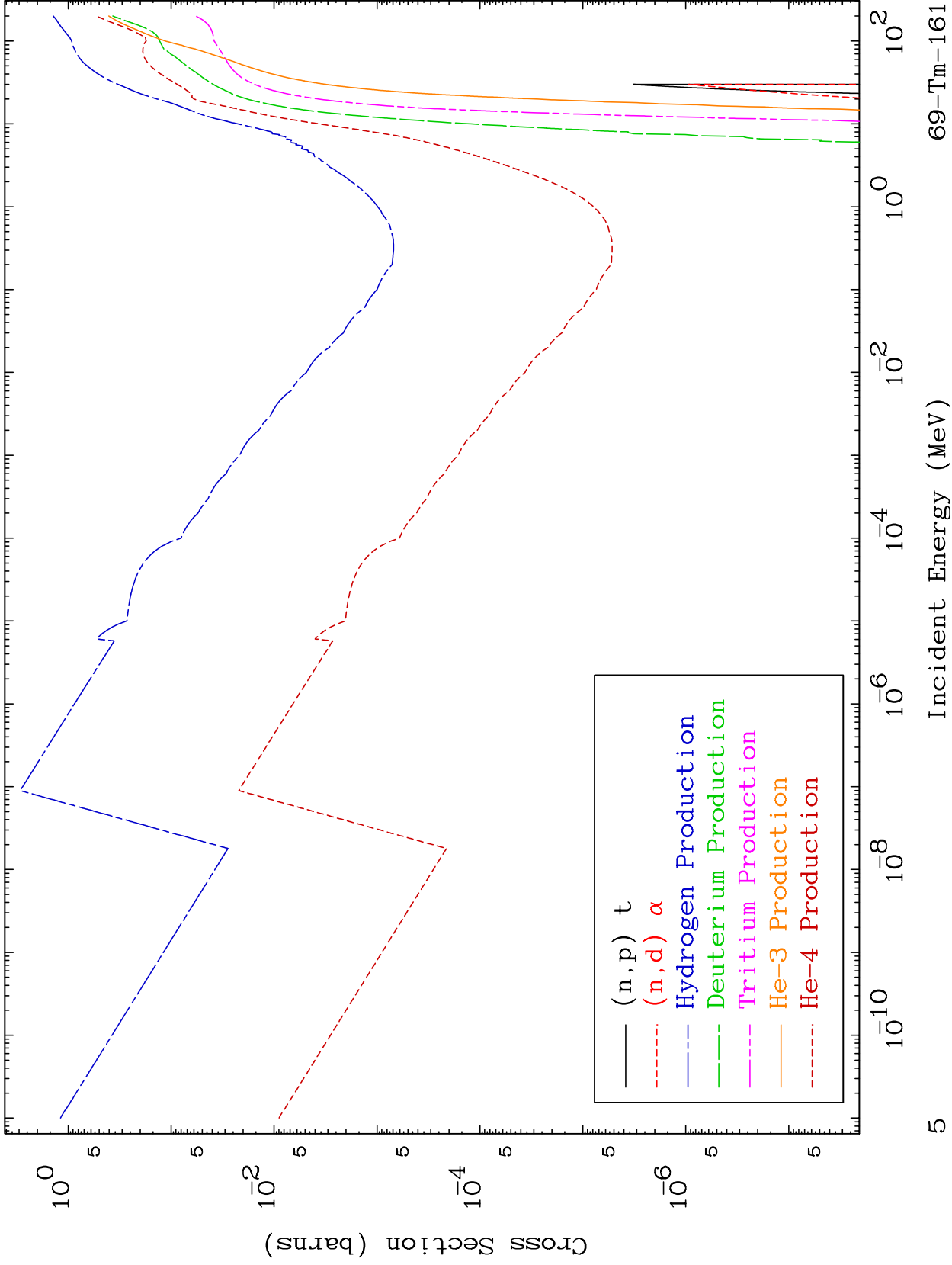
69-Tm-161



MAT 6901

Neutron Absorption  
293 Kelvin Cross Sections

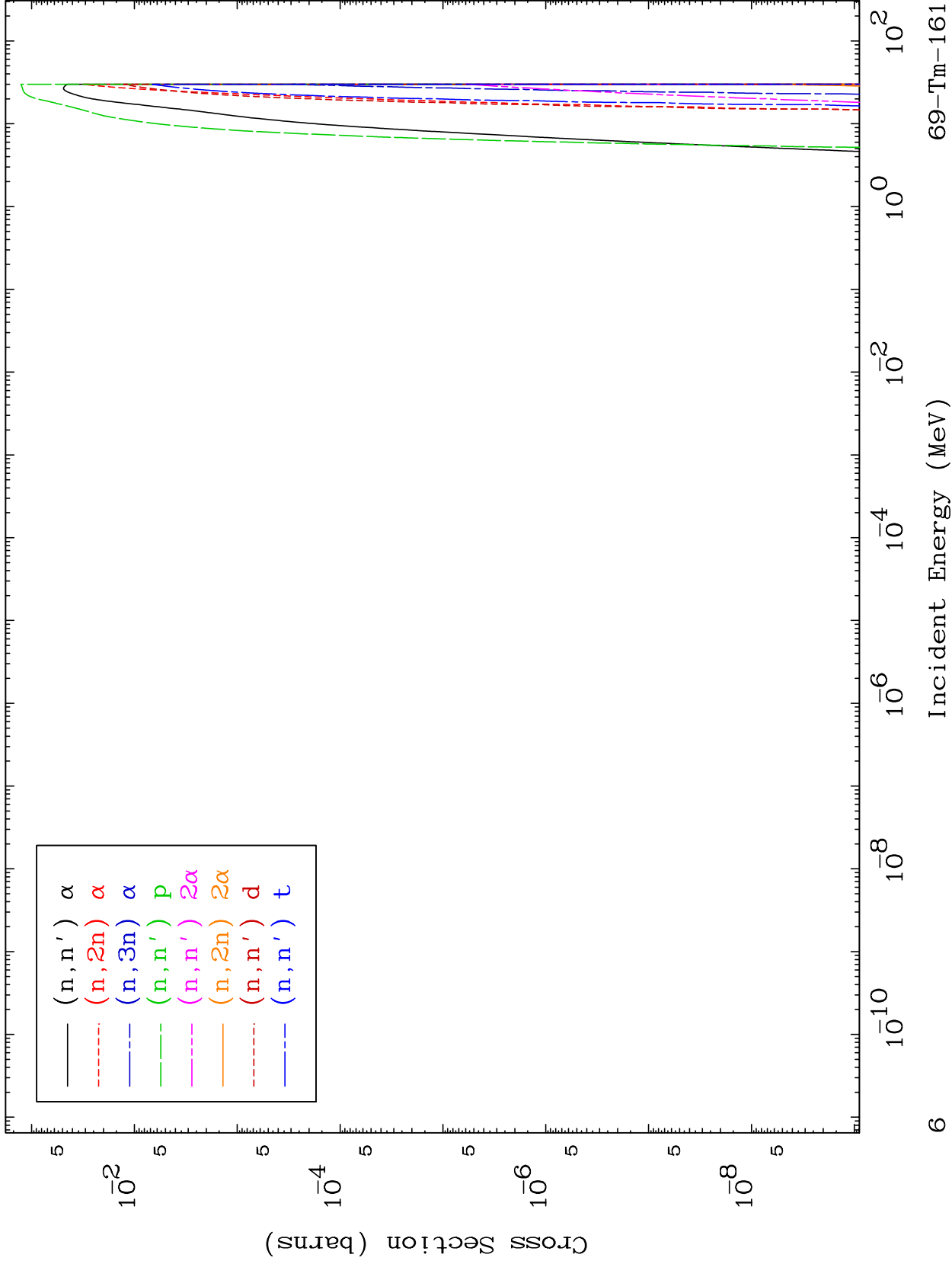
69-Tm-161



MAT 6901

Charged Particle  
293 Kelvin Cross Sections

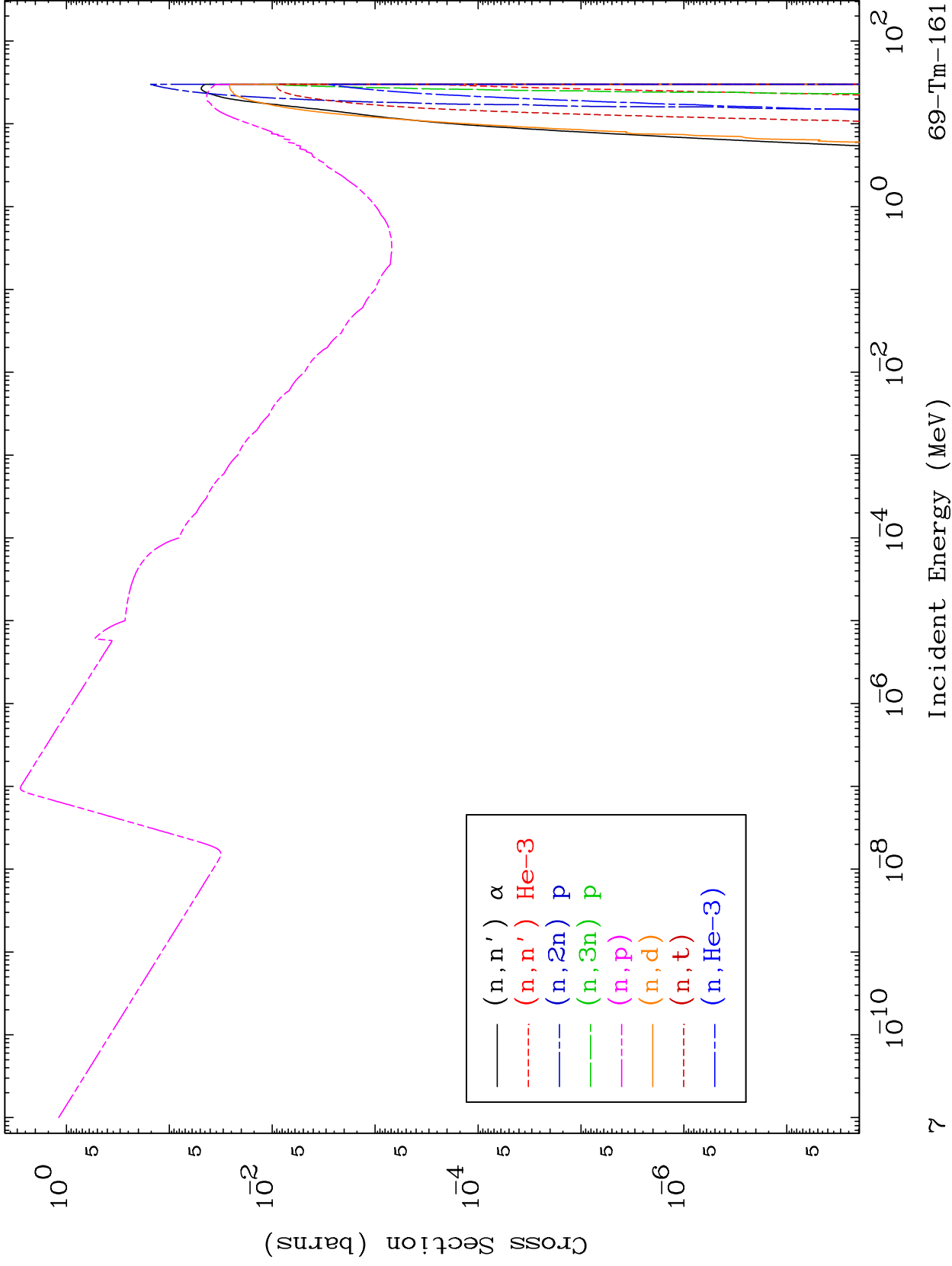
69-Tm-161



MAT 6901

Charged Particle  
293 Kelvin Cross Sections

69-Tm-161

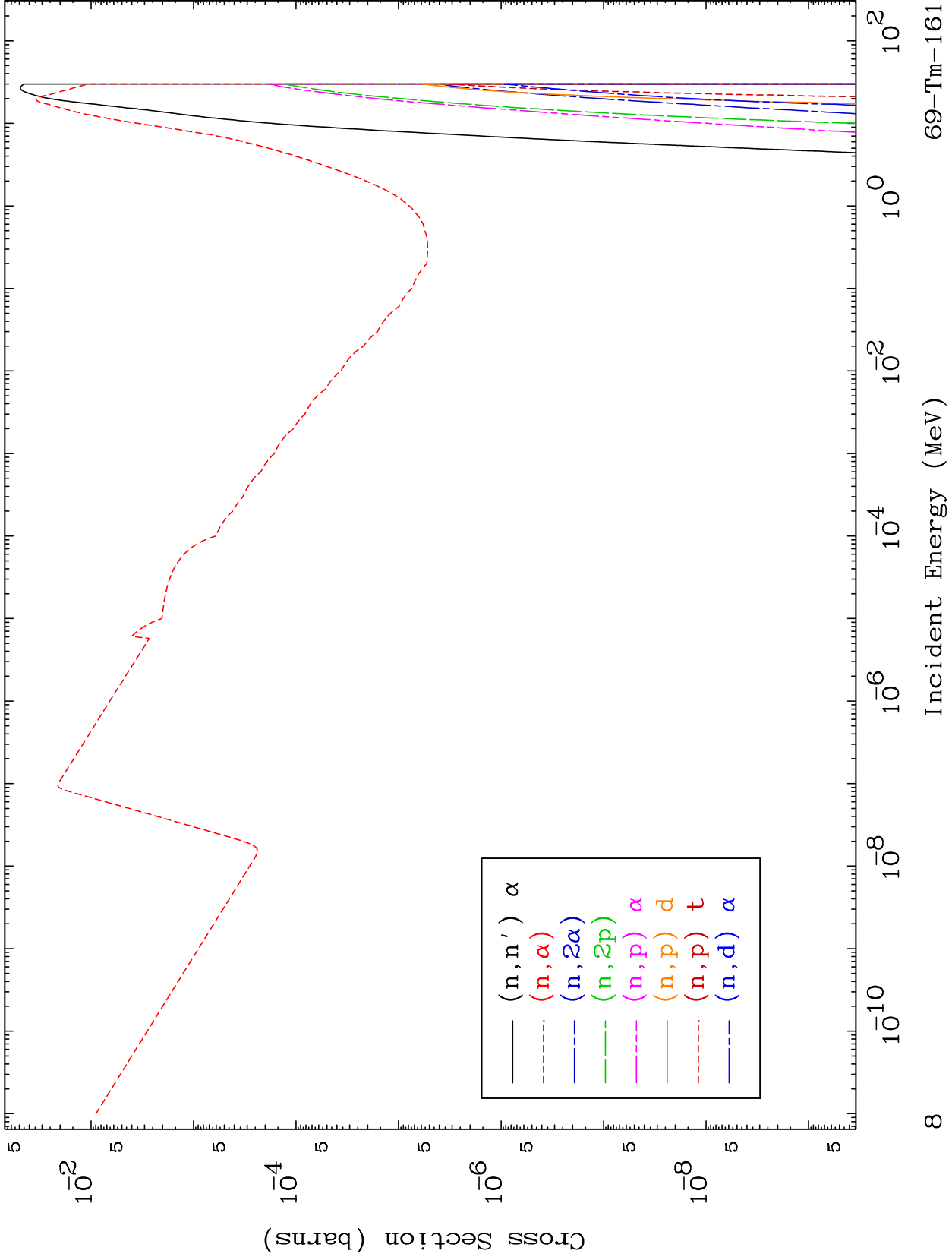


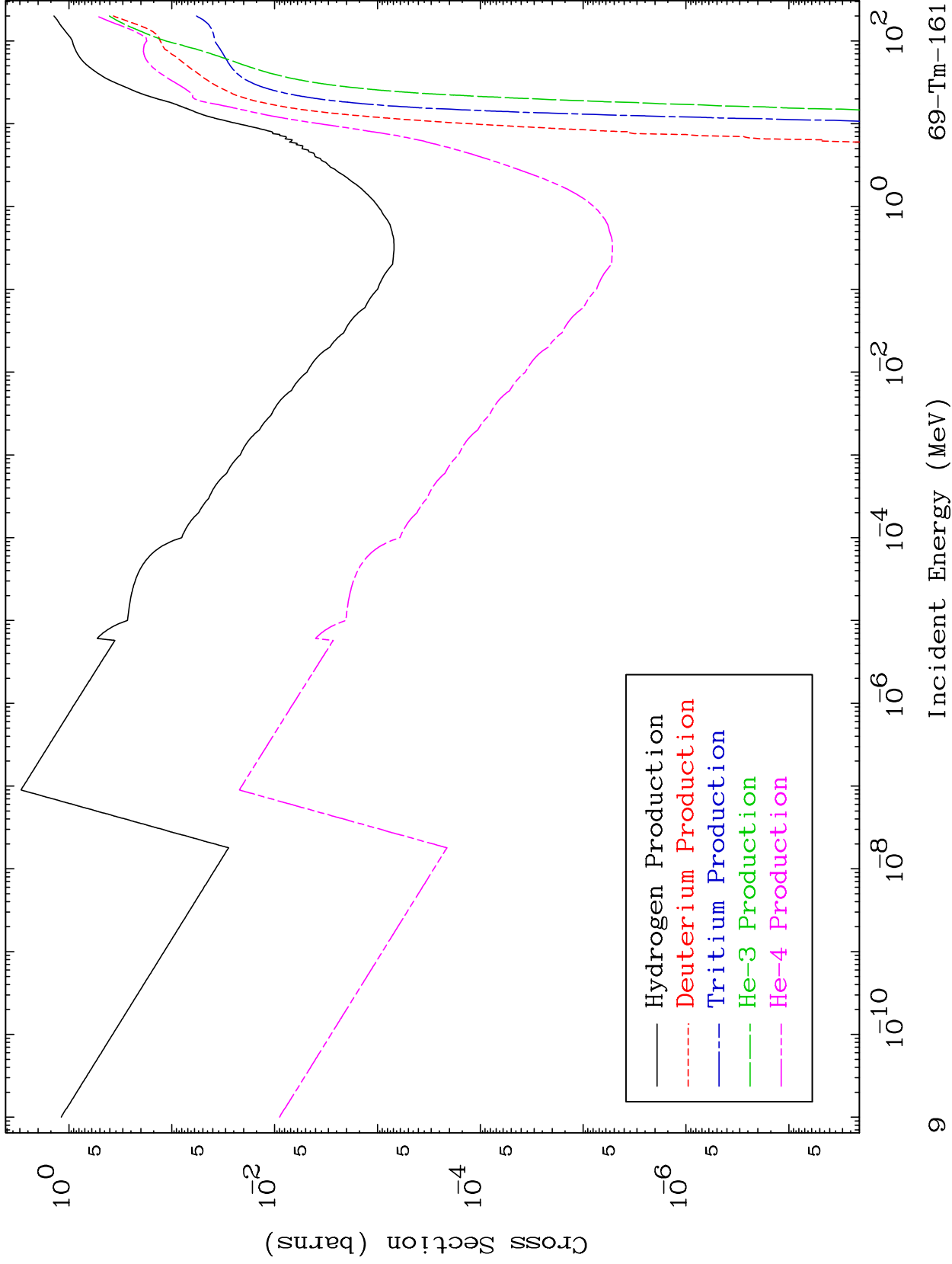


MAT 6901

Charged Particle  
293 Kelvin Cross Sections

69-Tm-161

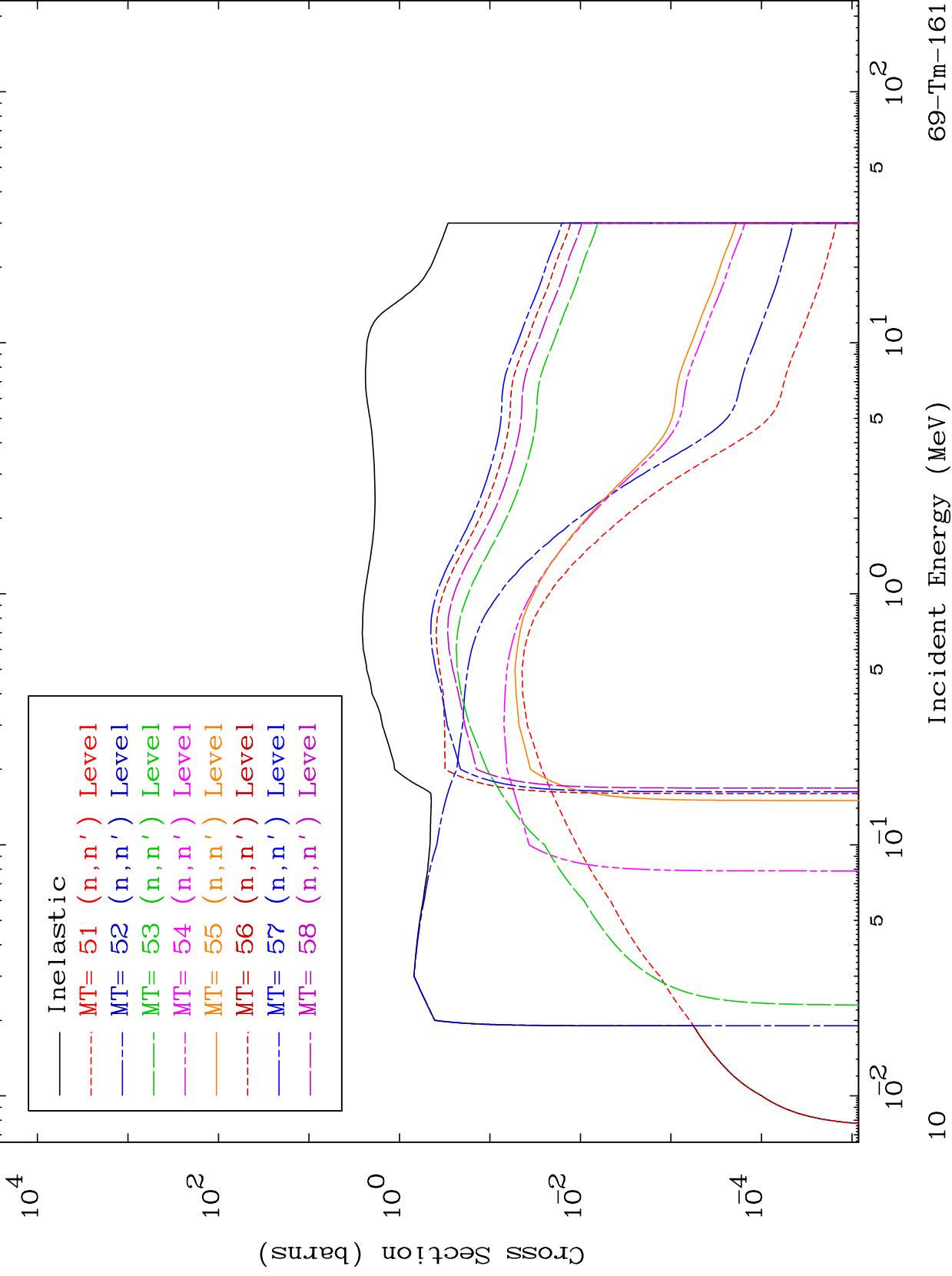




MAT 6901

(n,n') Levels  
293 Kelvin Cross Sections

69-Tm-161

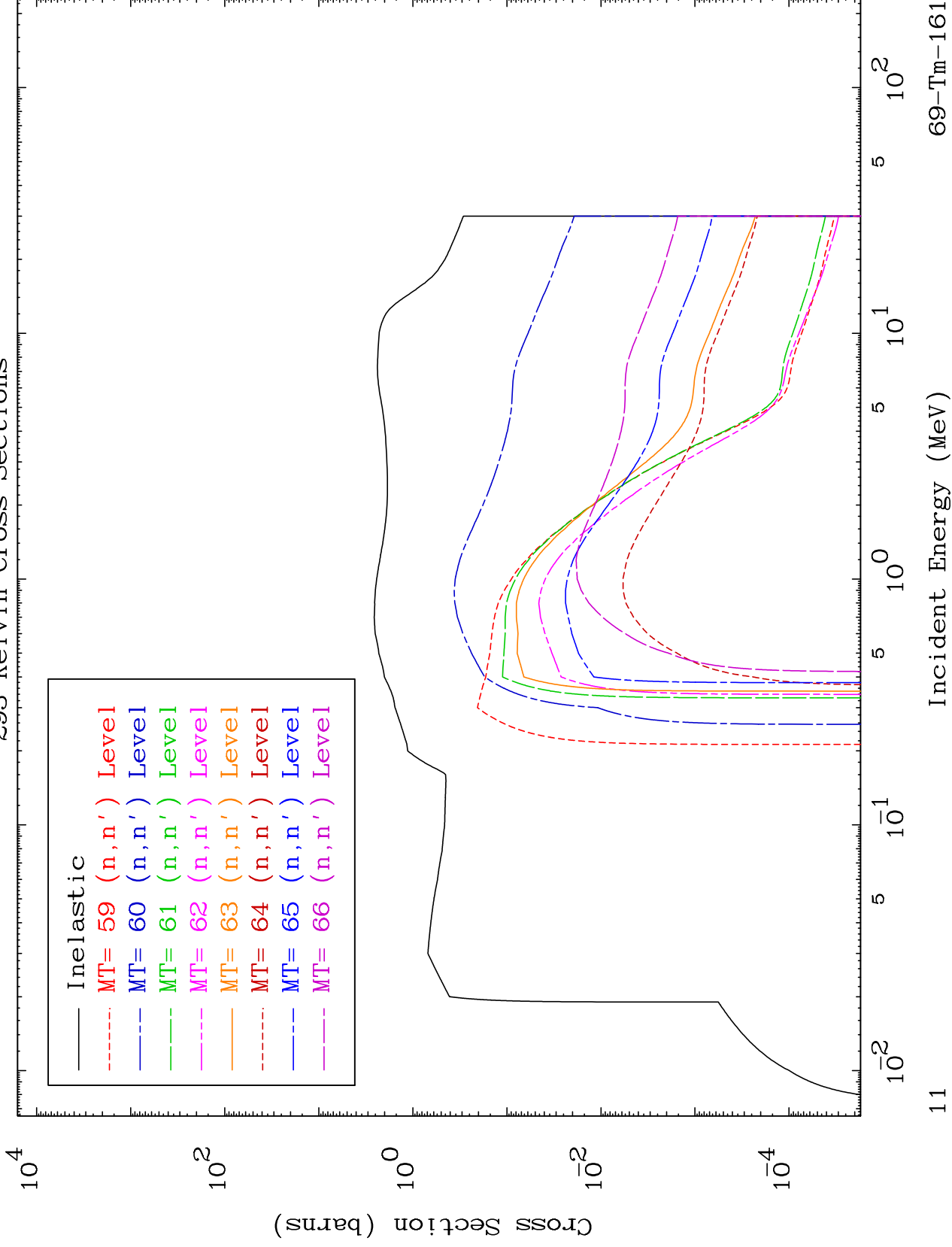


69-Tm-161

MAT 6901

(n,n') Levels  
293 Kelvin Cross Sections

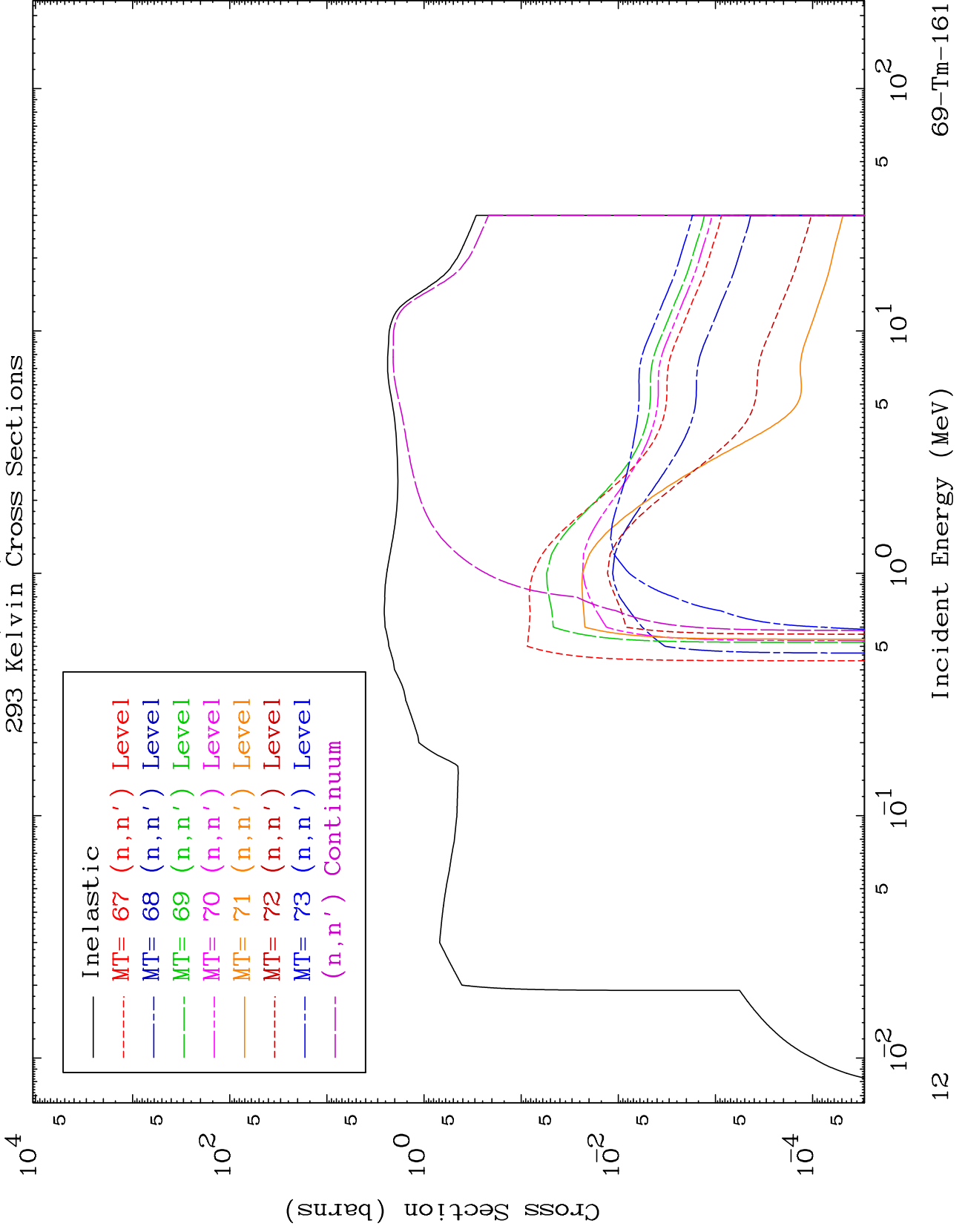
69-Tm-161



MAT 6901

(n,n') Levels  
293 Kelvin Cross Sections

69-Tm-161

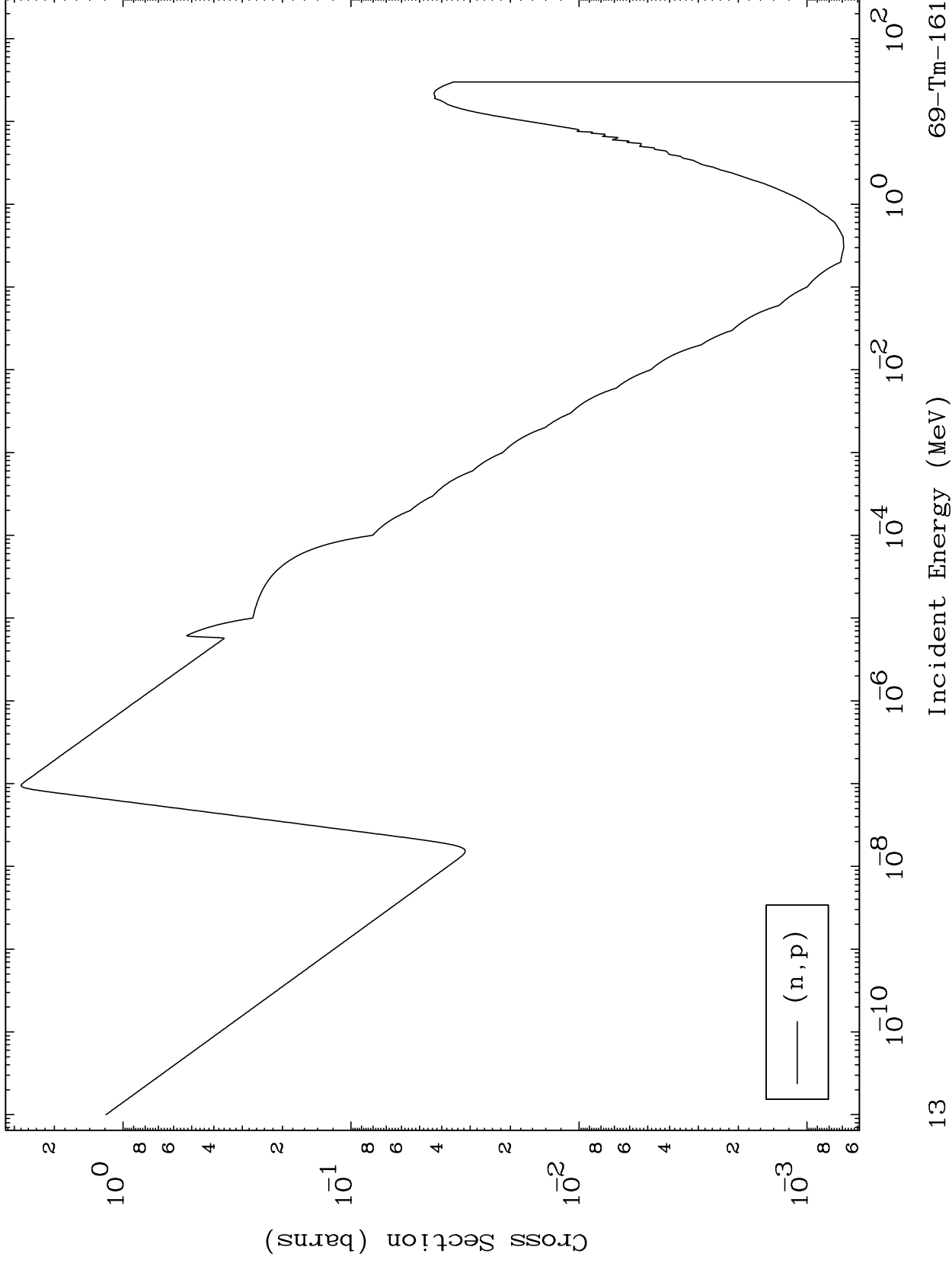


12

MAT 6901

(n,p) Levels  
293 Kelvin Cross Sections

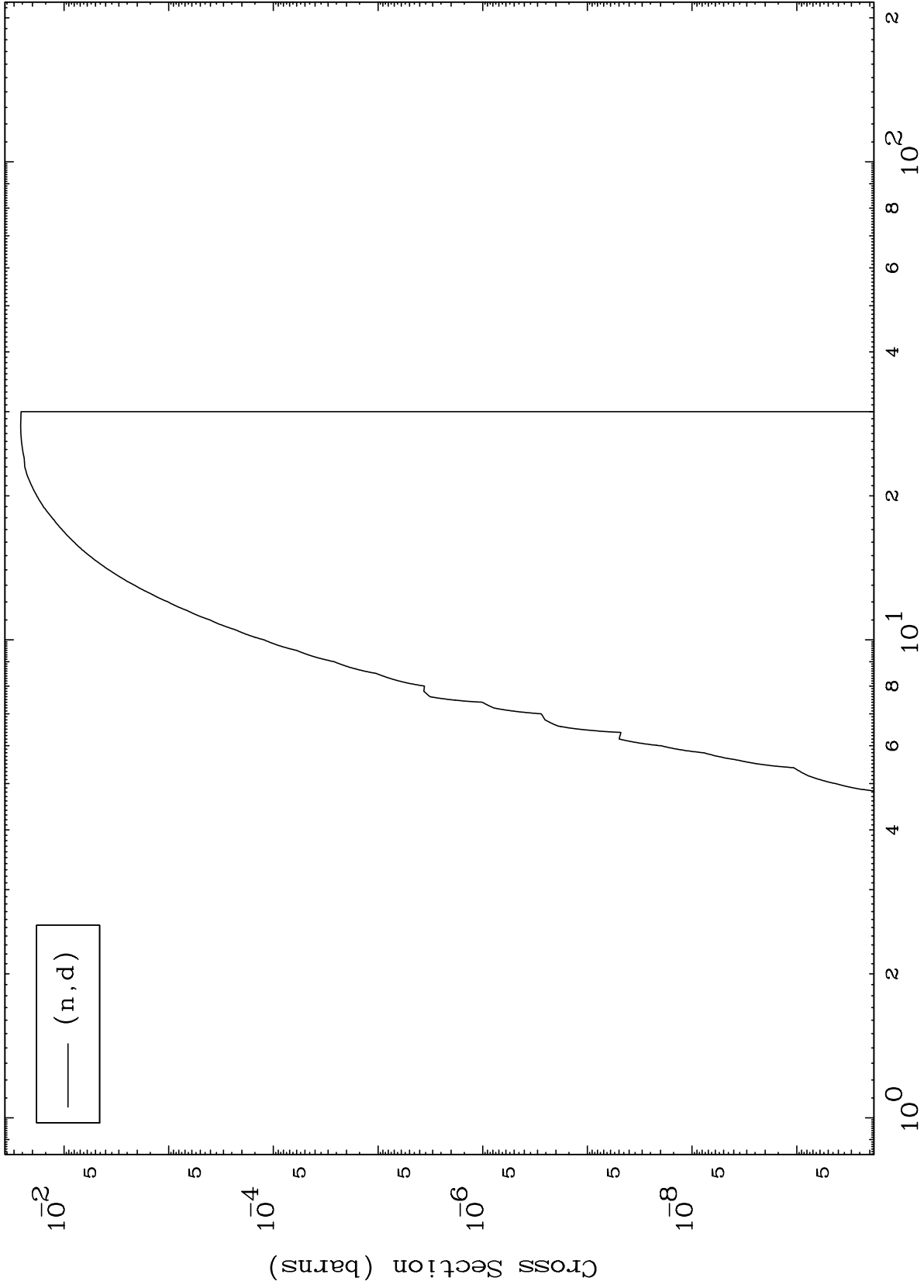
69-Tm-161



MAT 6901

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-161



Incident Energy (MeV)

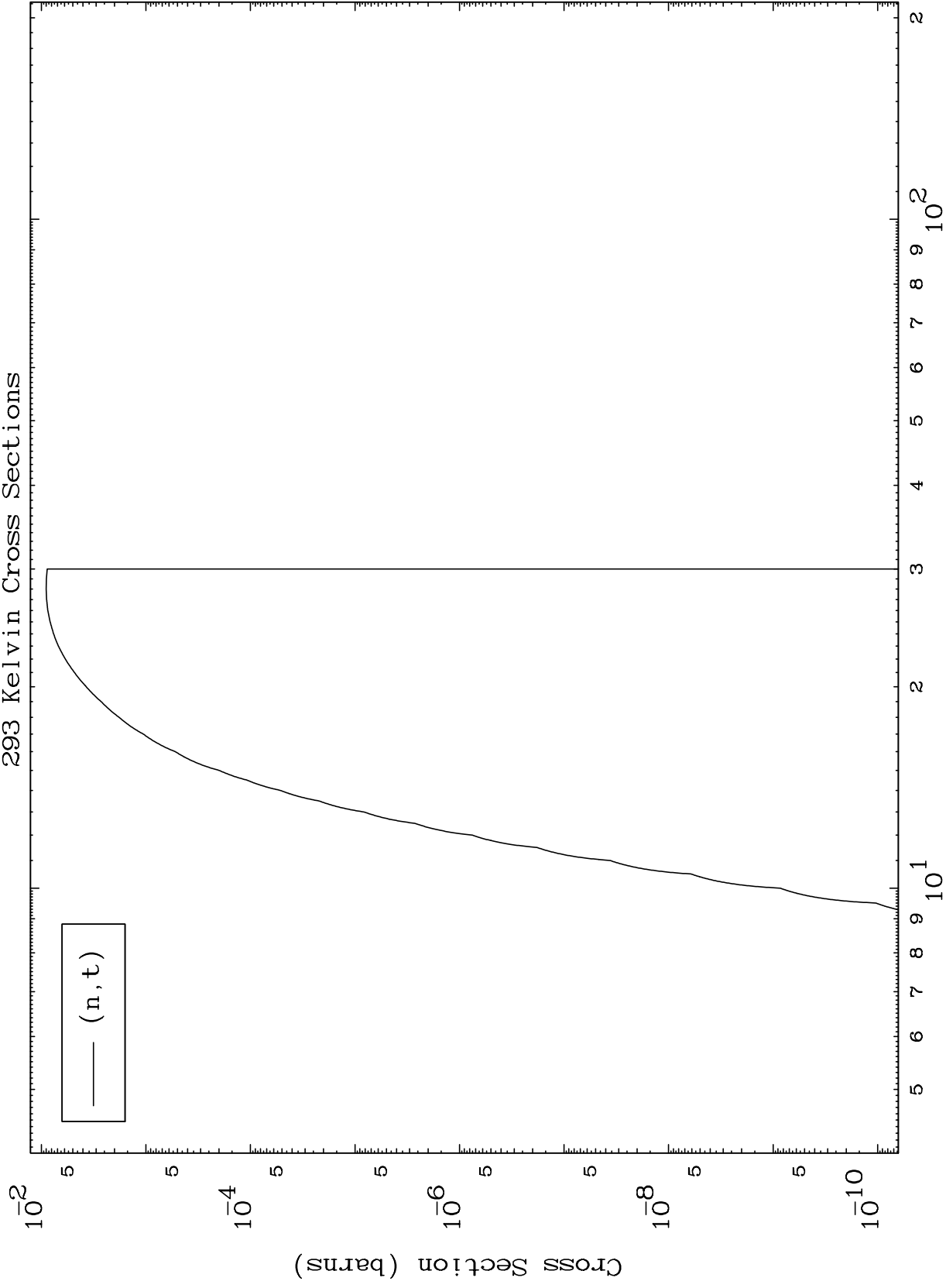
69-Tm-161

14

MAT 6901

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-161



15

Incident Energy (MeV)

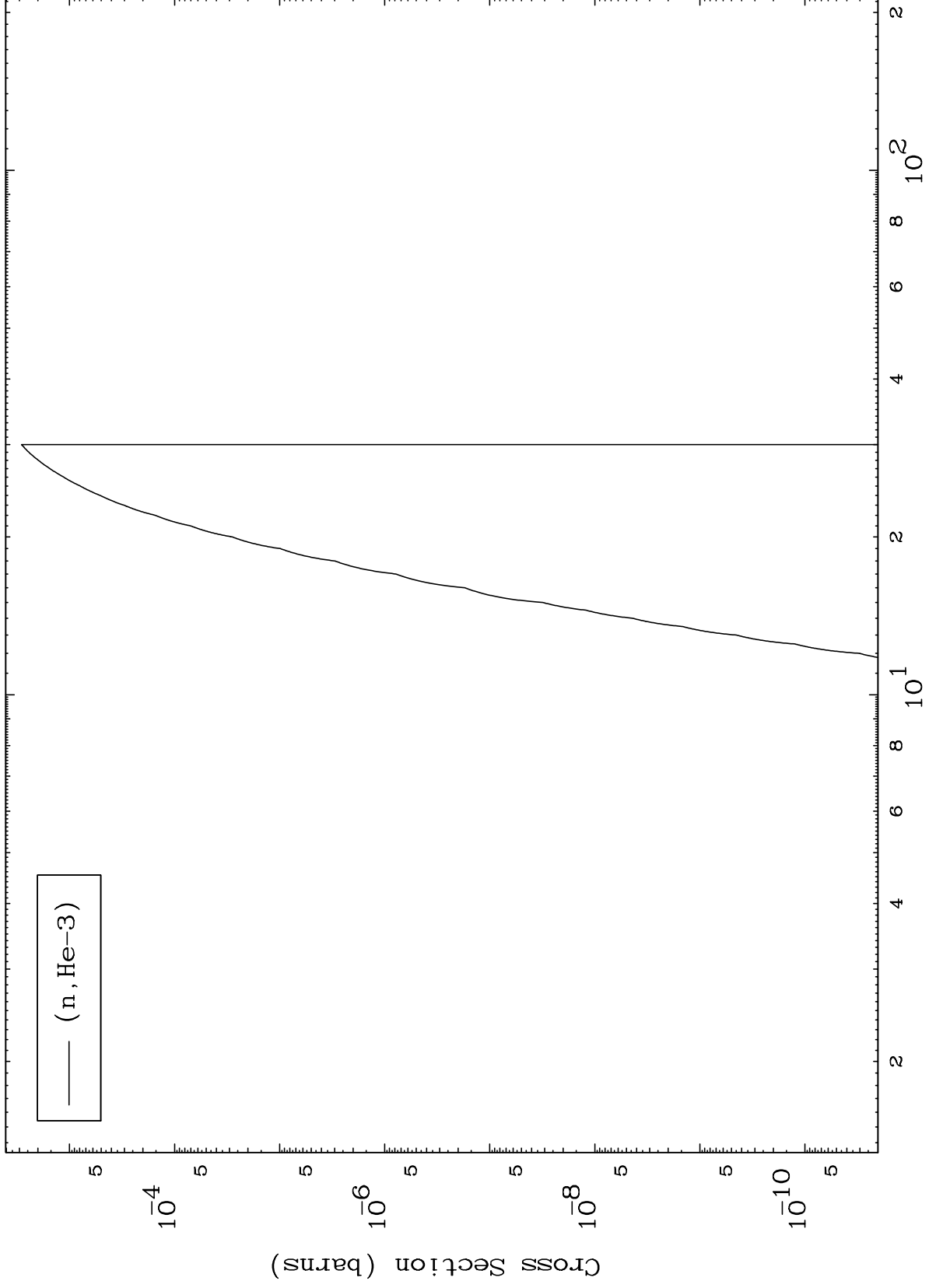
69-Tm-161



MAT 6901

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-161



16

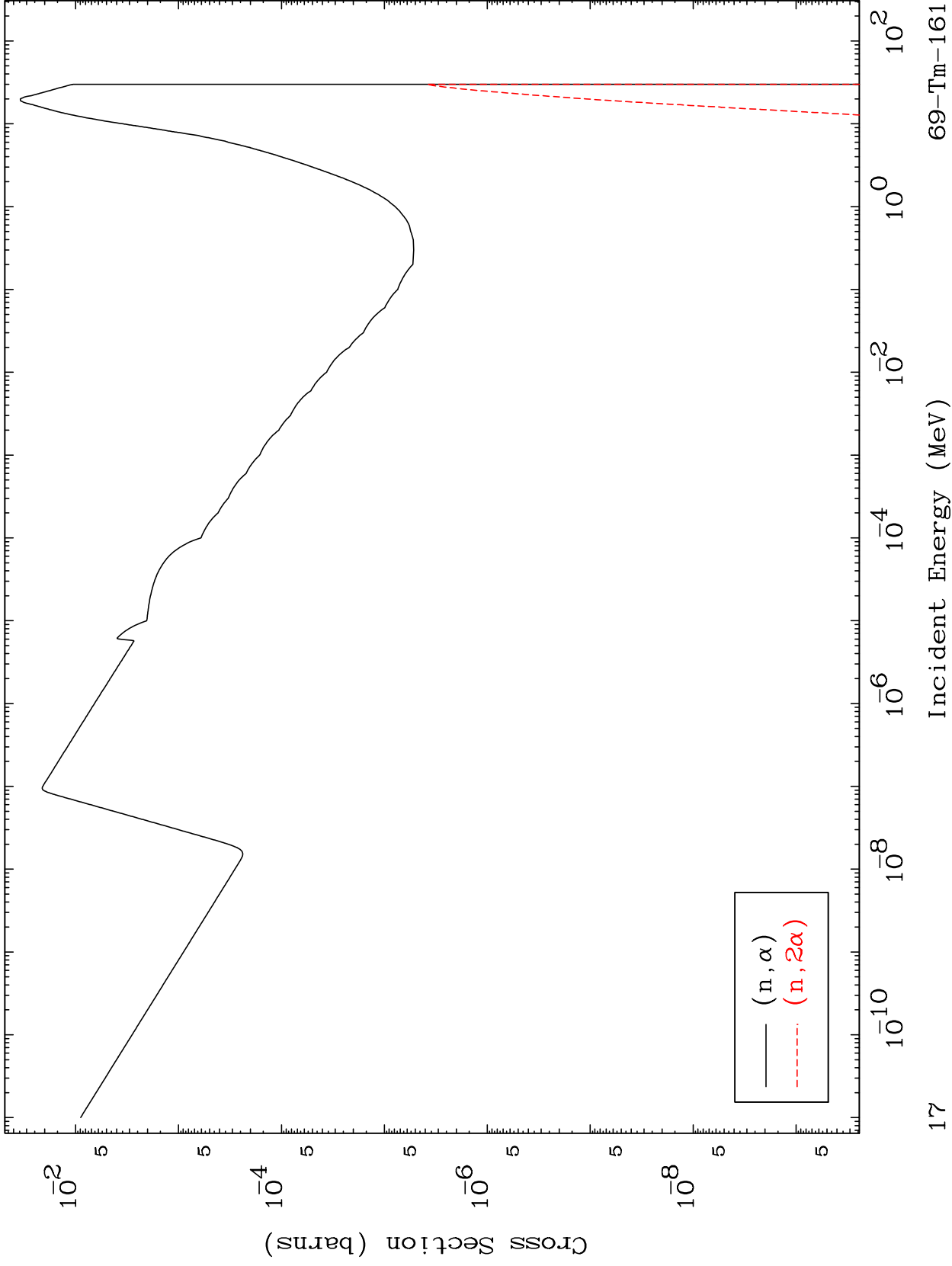
Incident Energy (MeV)

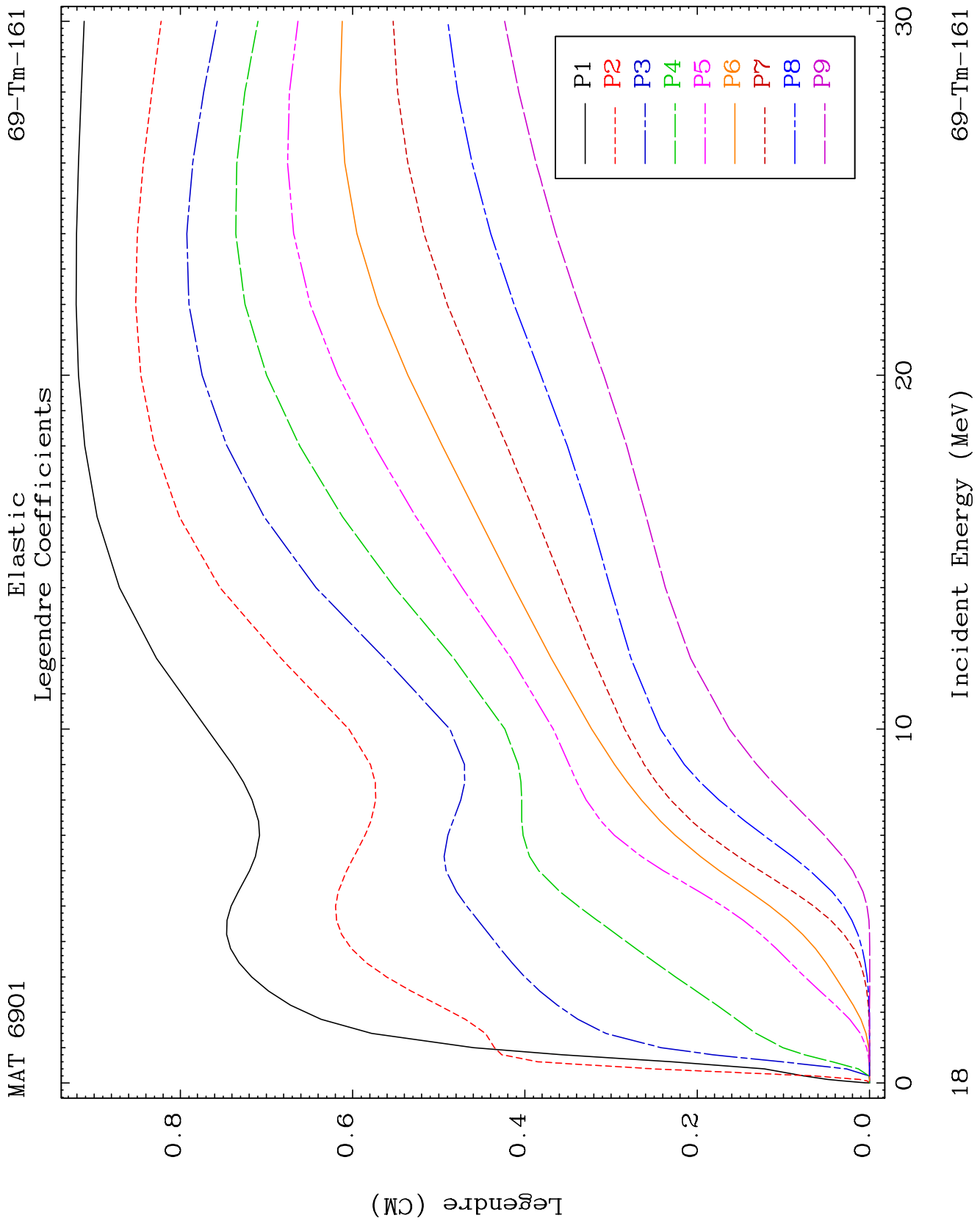
69-Tm-161

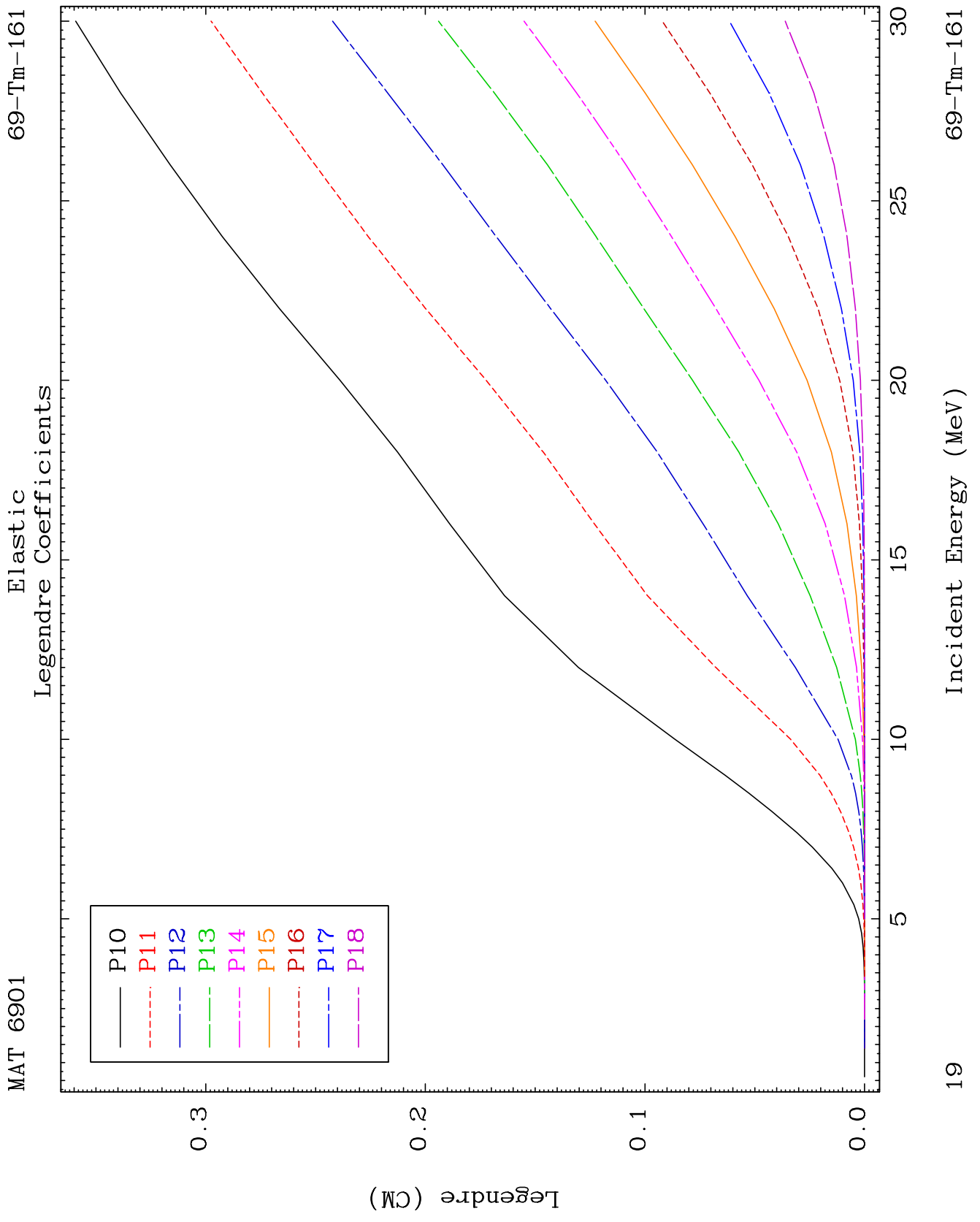
MAT 6901

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

69-Tm-161



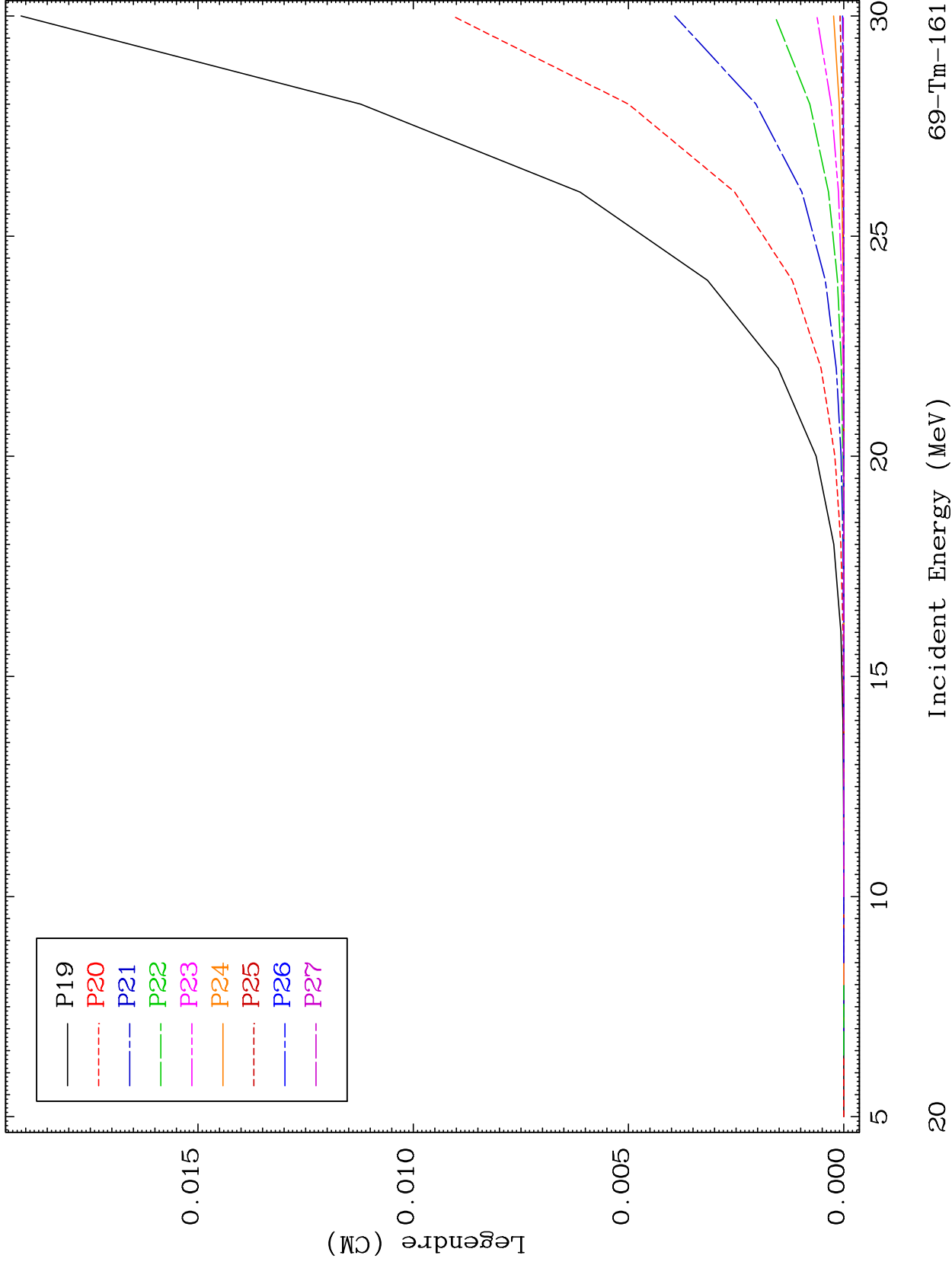




MAT 6901

Elastic  
Legendre Coefficients

69-Tm-161



69-Tm-161

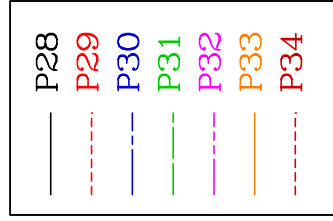
Incident Energy (MeV)

20

MAT 6901

Elastic  
Legendre Coefficients

69-Tm-161



$\times 10^{-6}$

3

Legendre (CM)

2

1

0

15

20

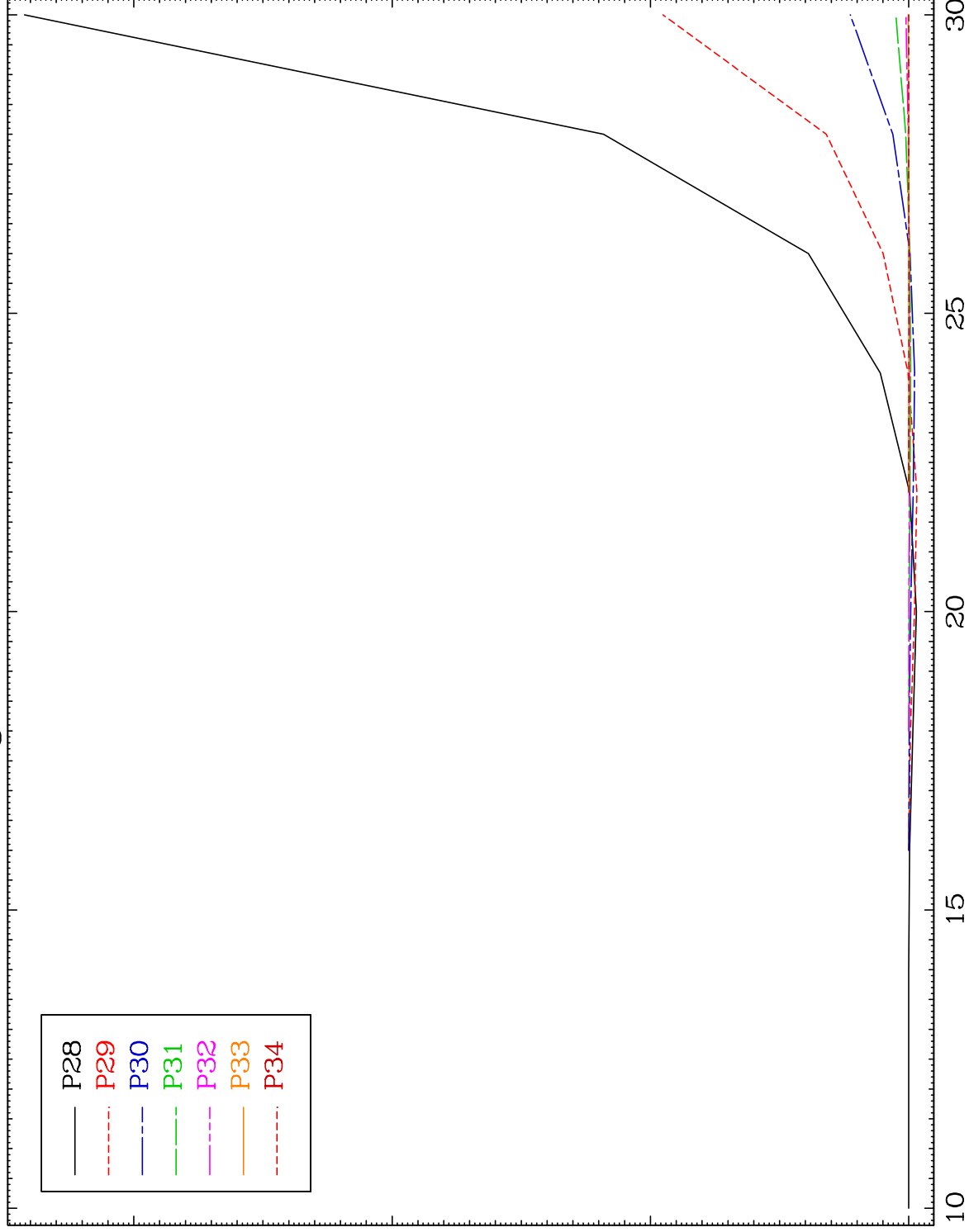
25

30

21

Incident Energy (MeV)

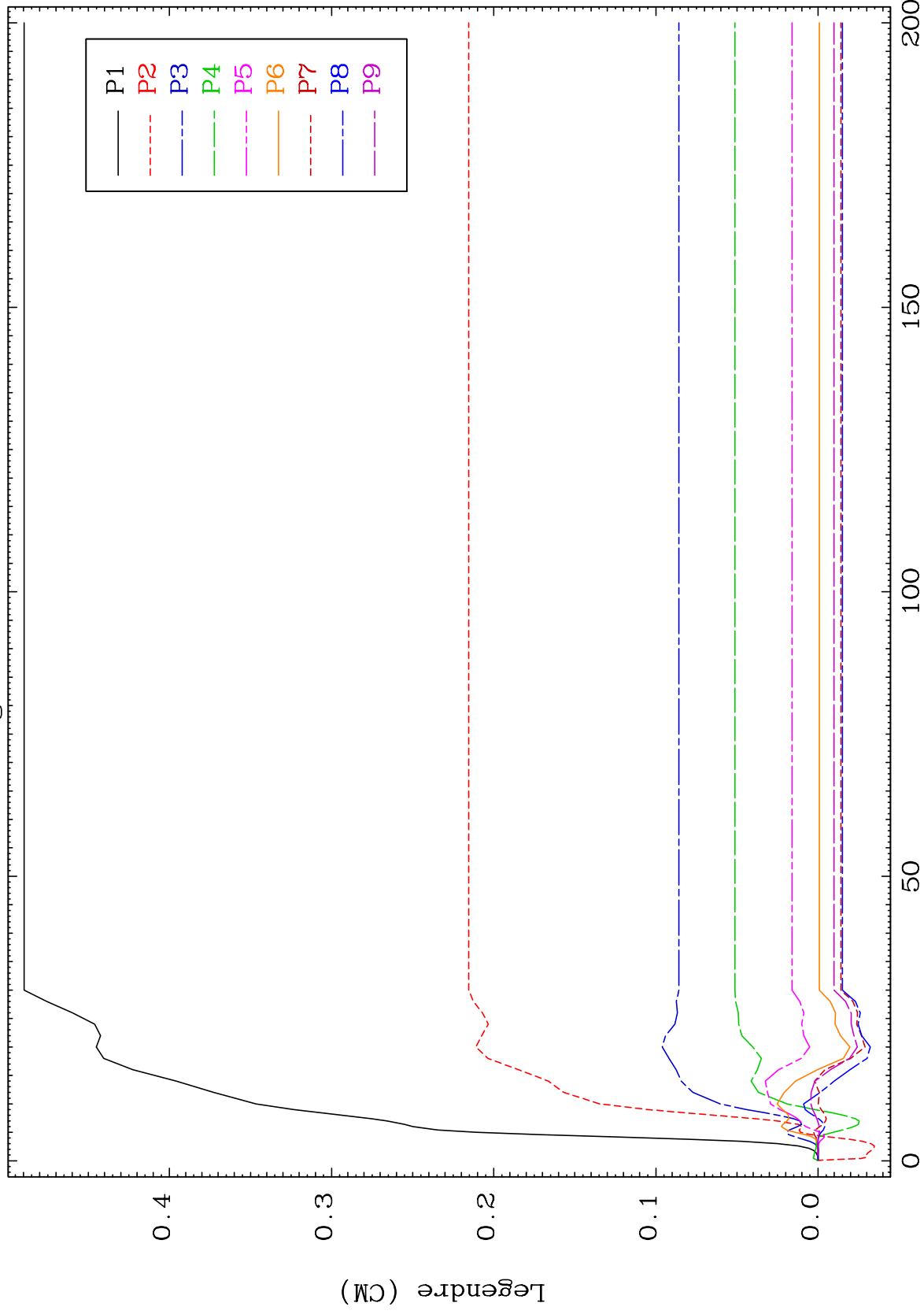
69-Tm-161



MAT 6901

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

69-Tm-161



22

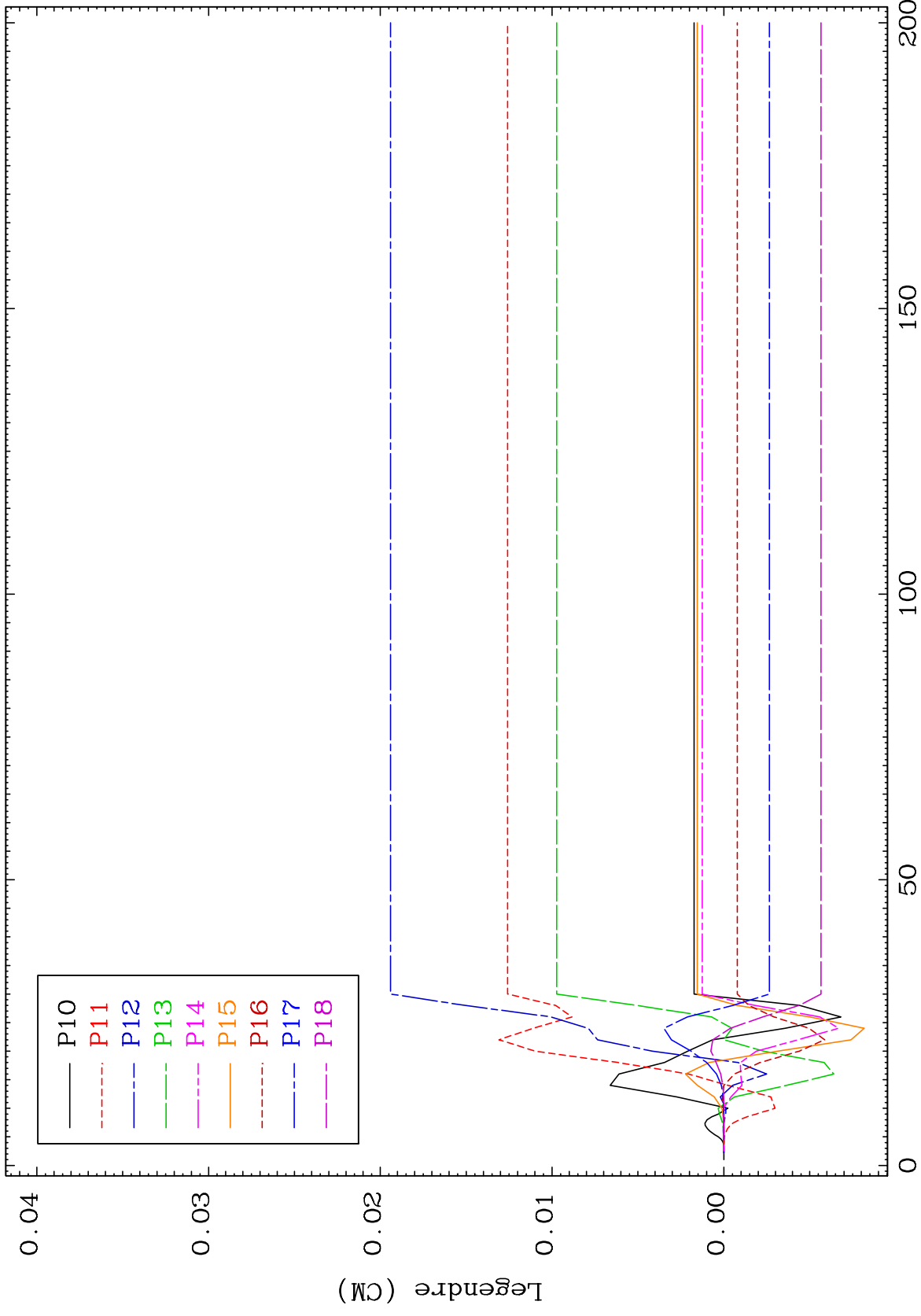
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161



23

Incident Energy (MeV)

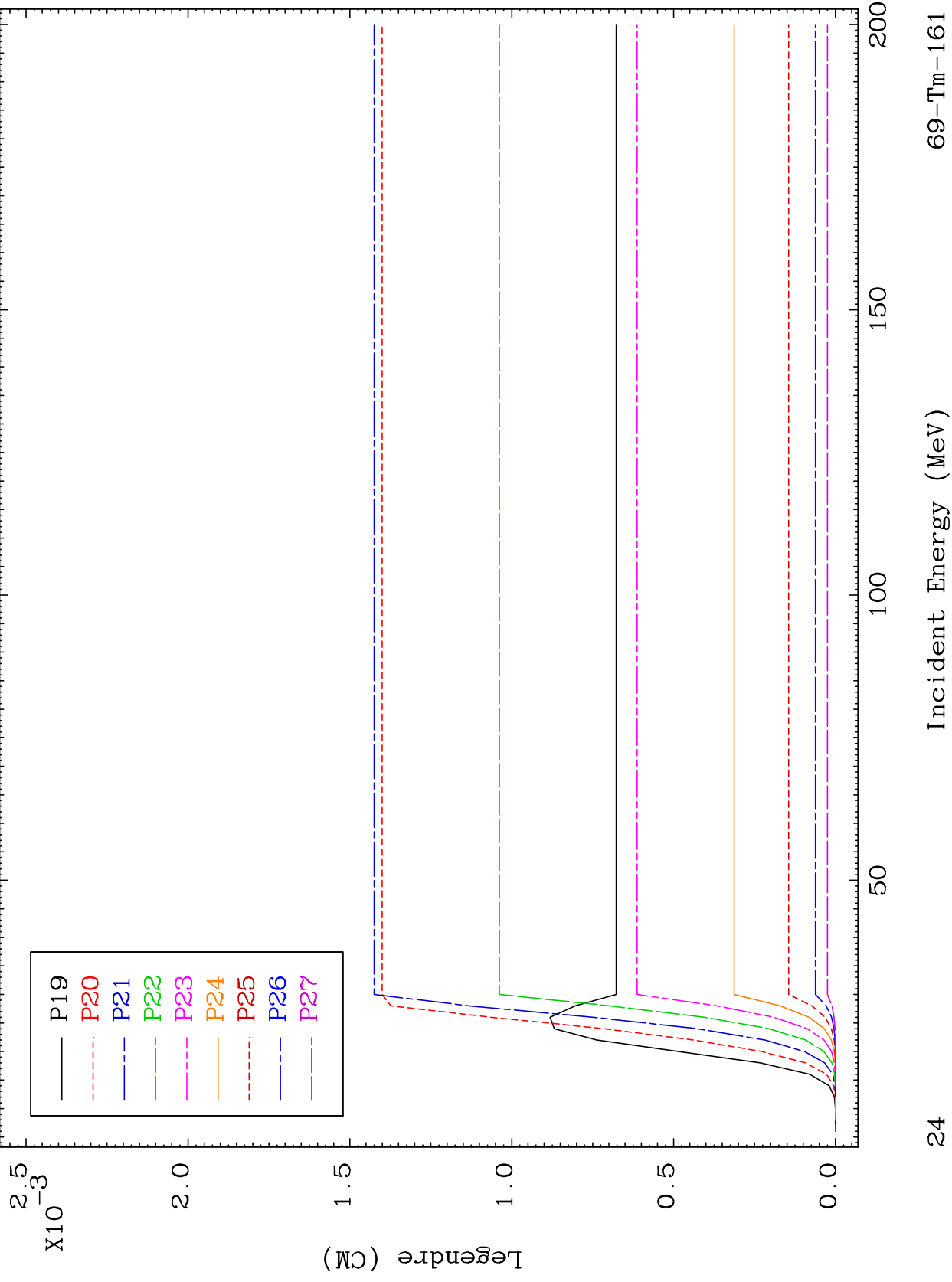
69-Tm-161



MAT 6901

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

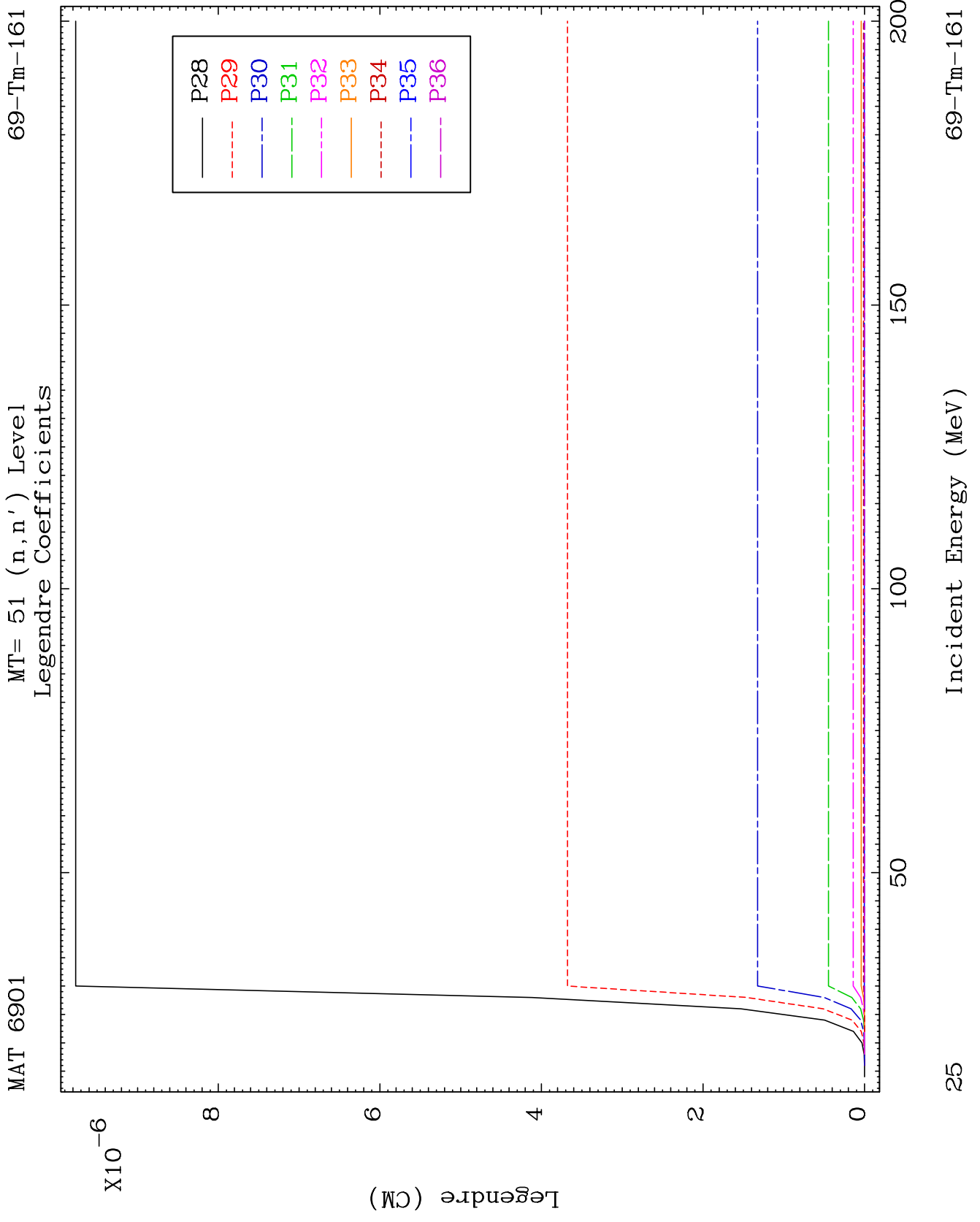
69-Tm-161



24

Incident Energy (MeV)

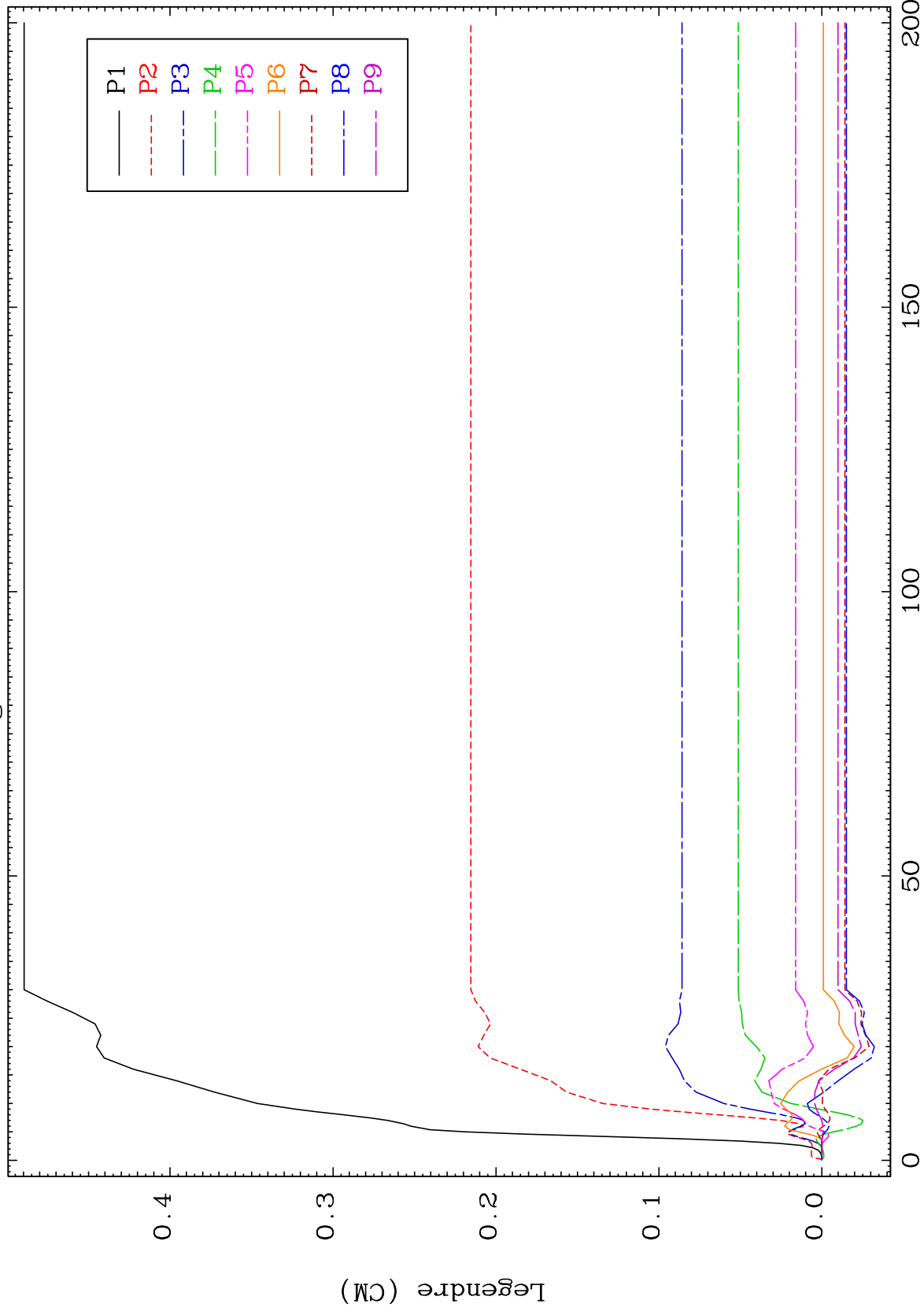
69-Tm-161



MAT 6901

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

69-Tm-161



26

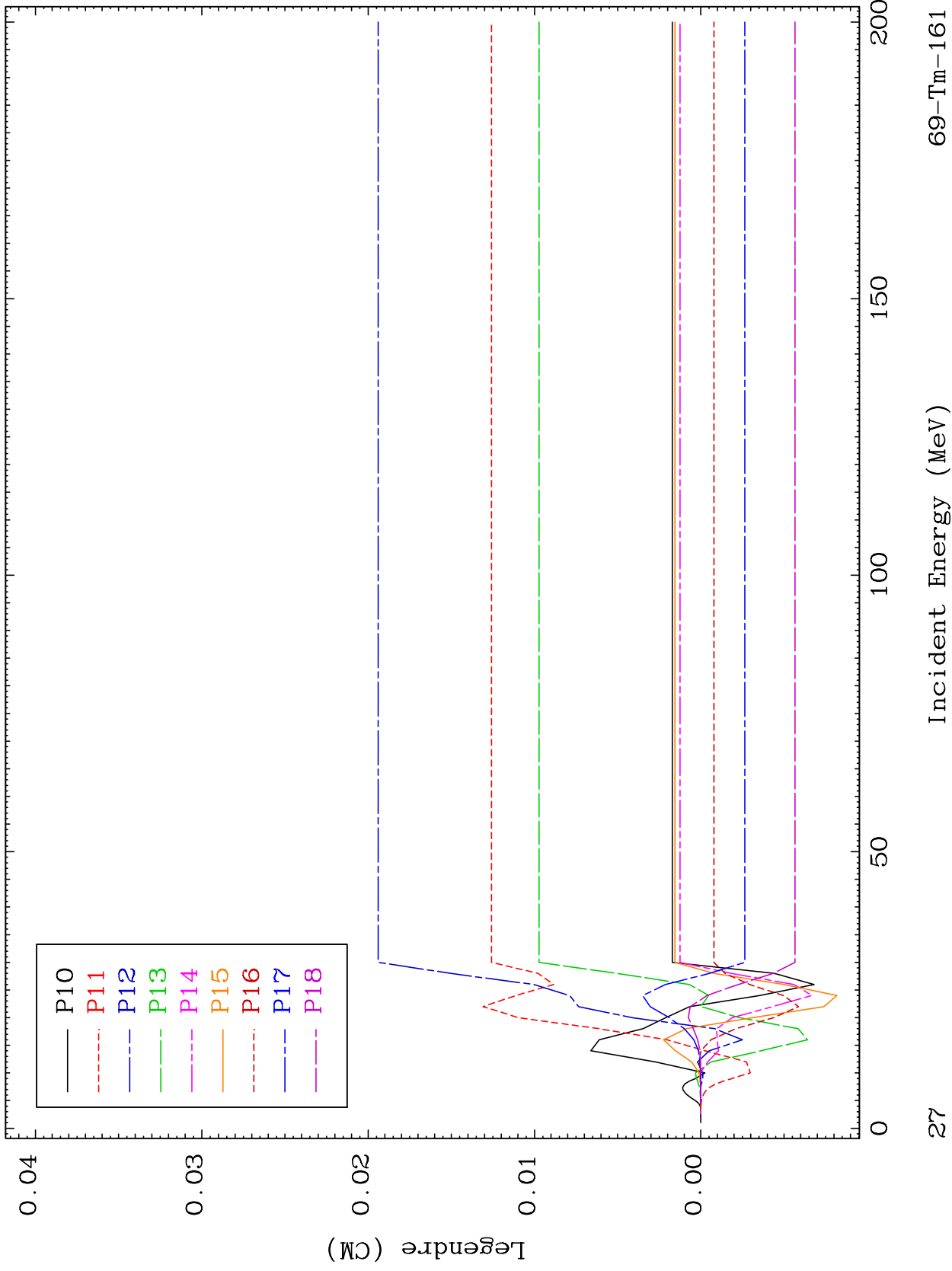
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161



27

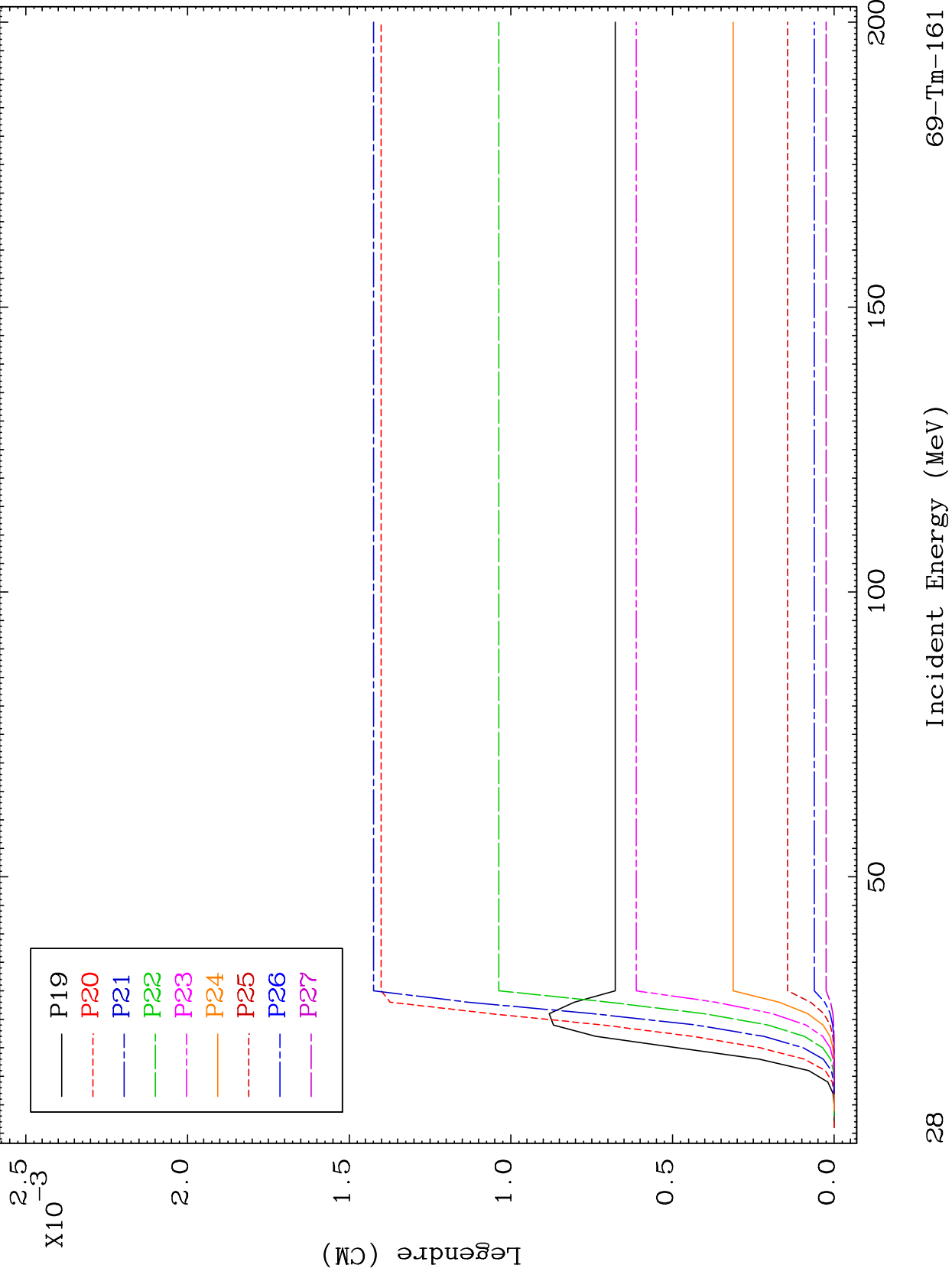
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161



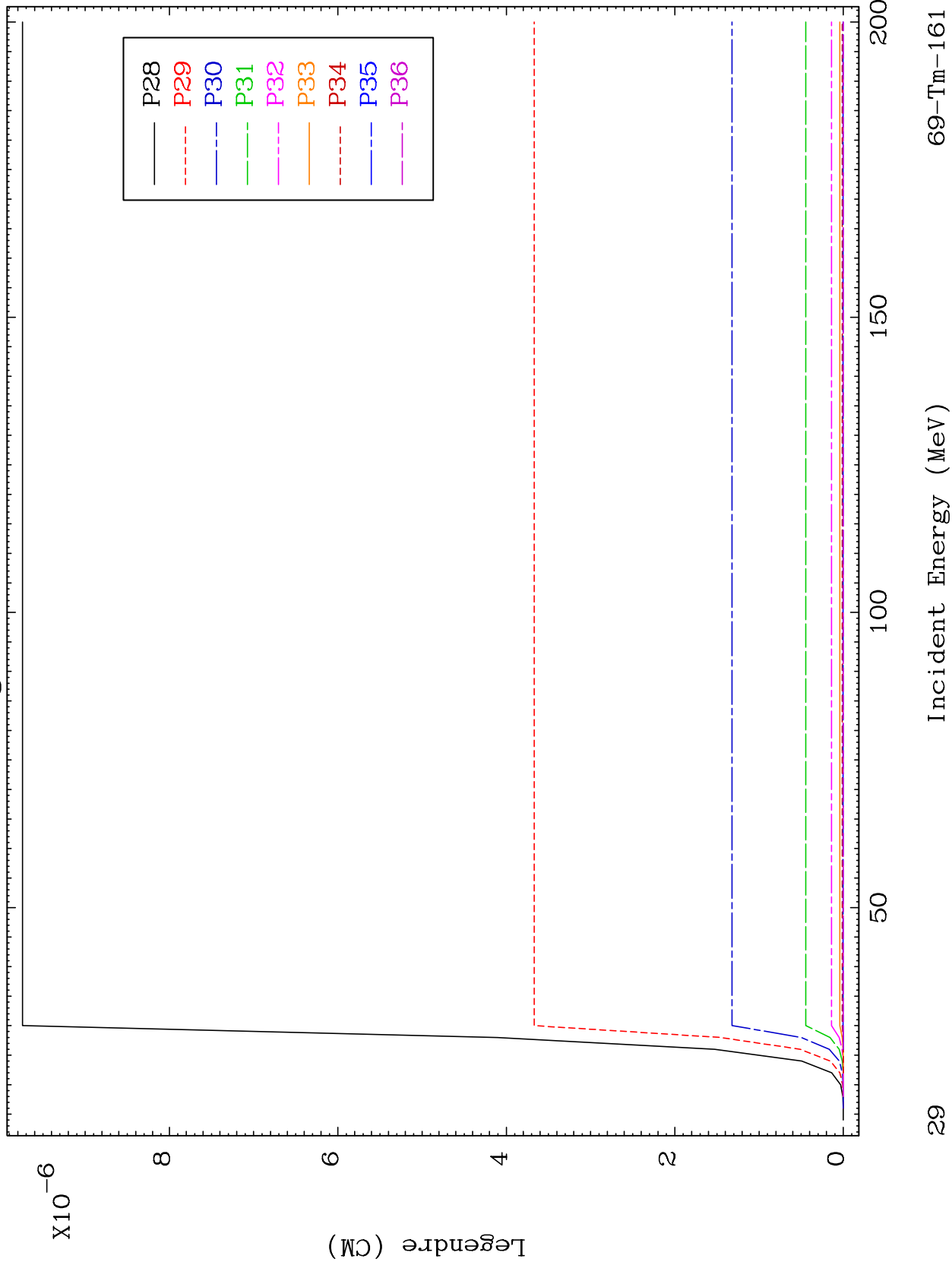
28

69-Tm-161

MAT 6901

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

69-Tm-161



29

Incident Energy (MeV)

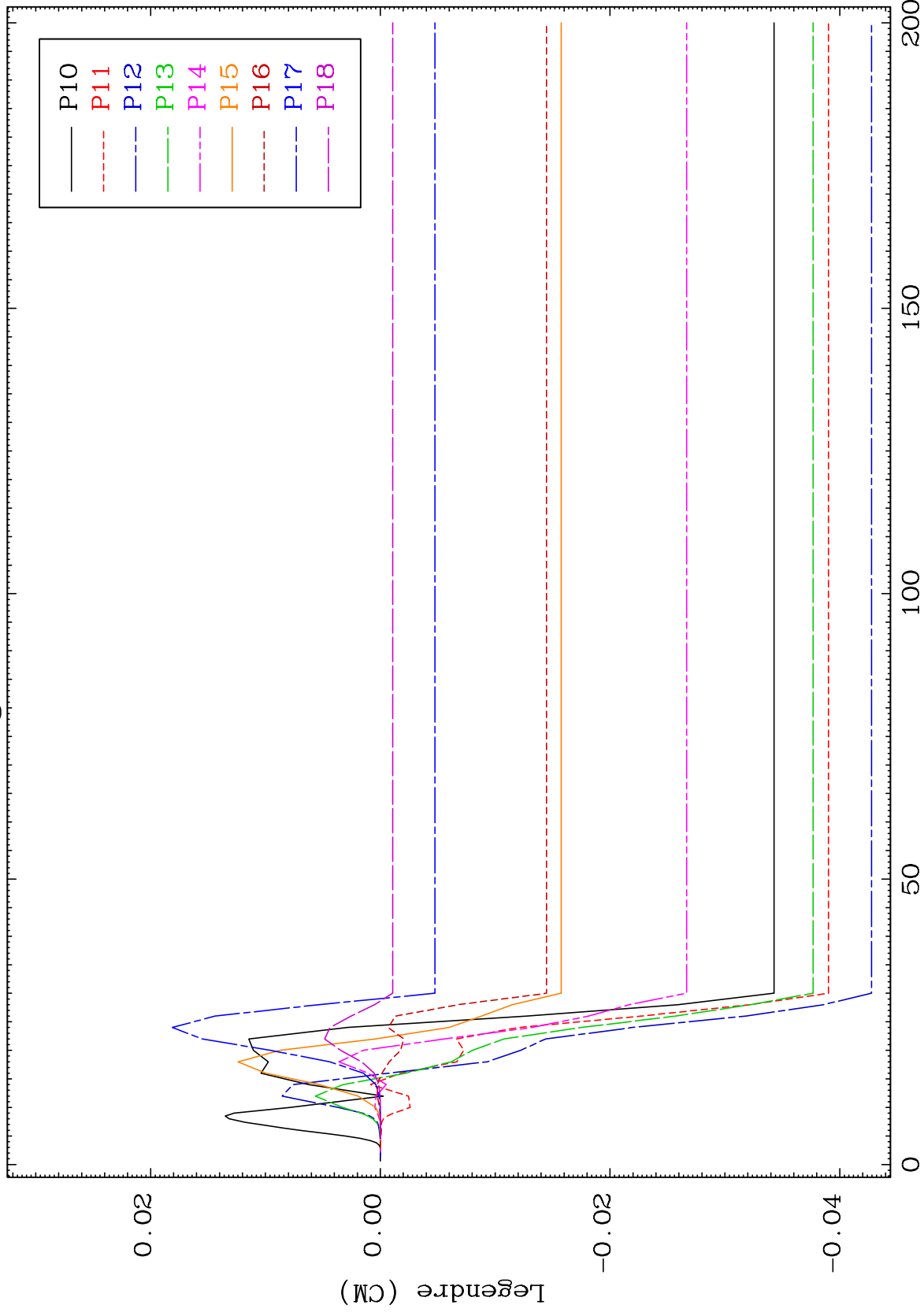
69-Tm-161



MAT 6901

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

69-Tm-161

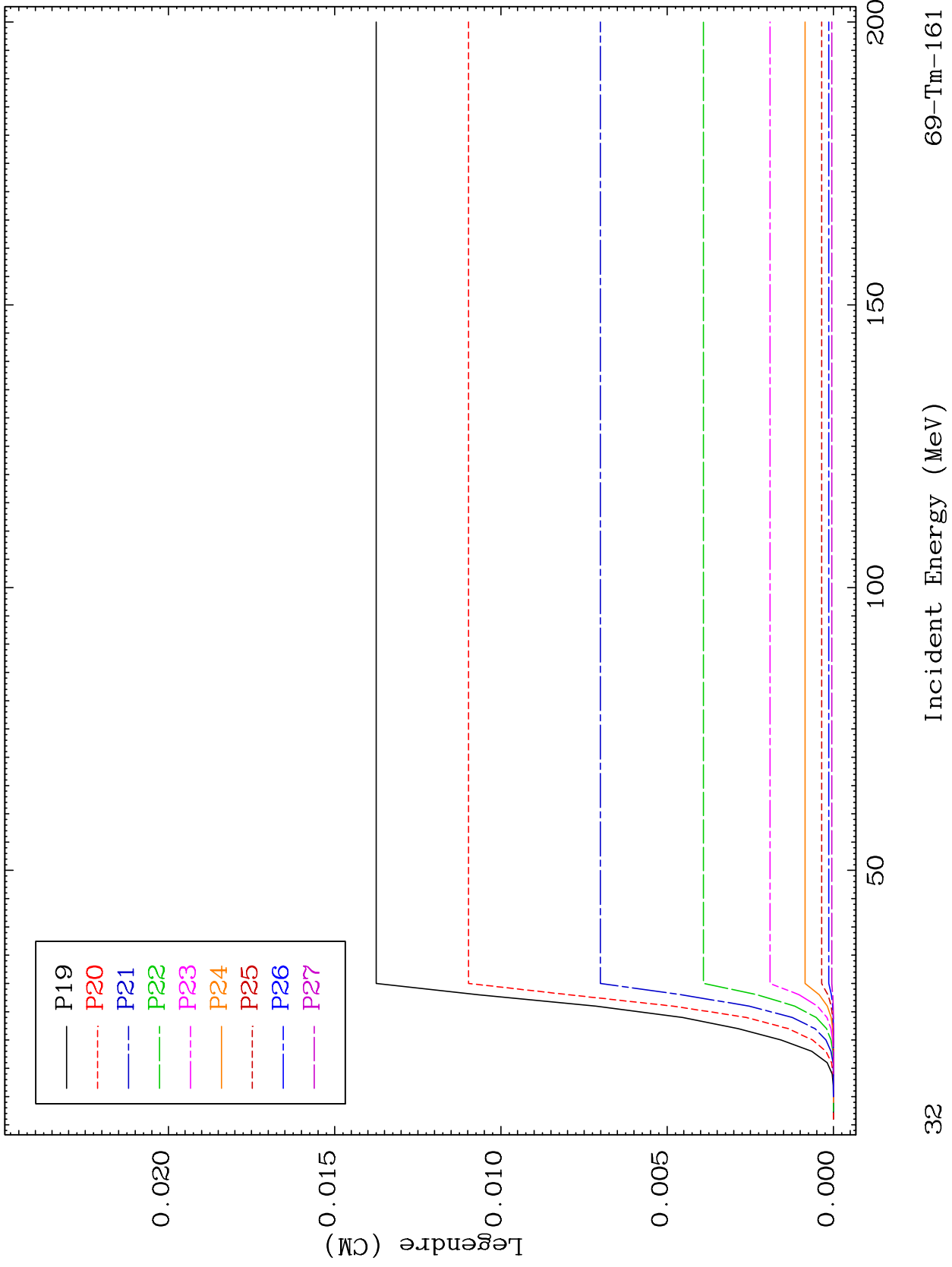


31

Incident Energy (MeV)

69-Tm-161

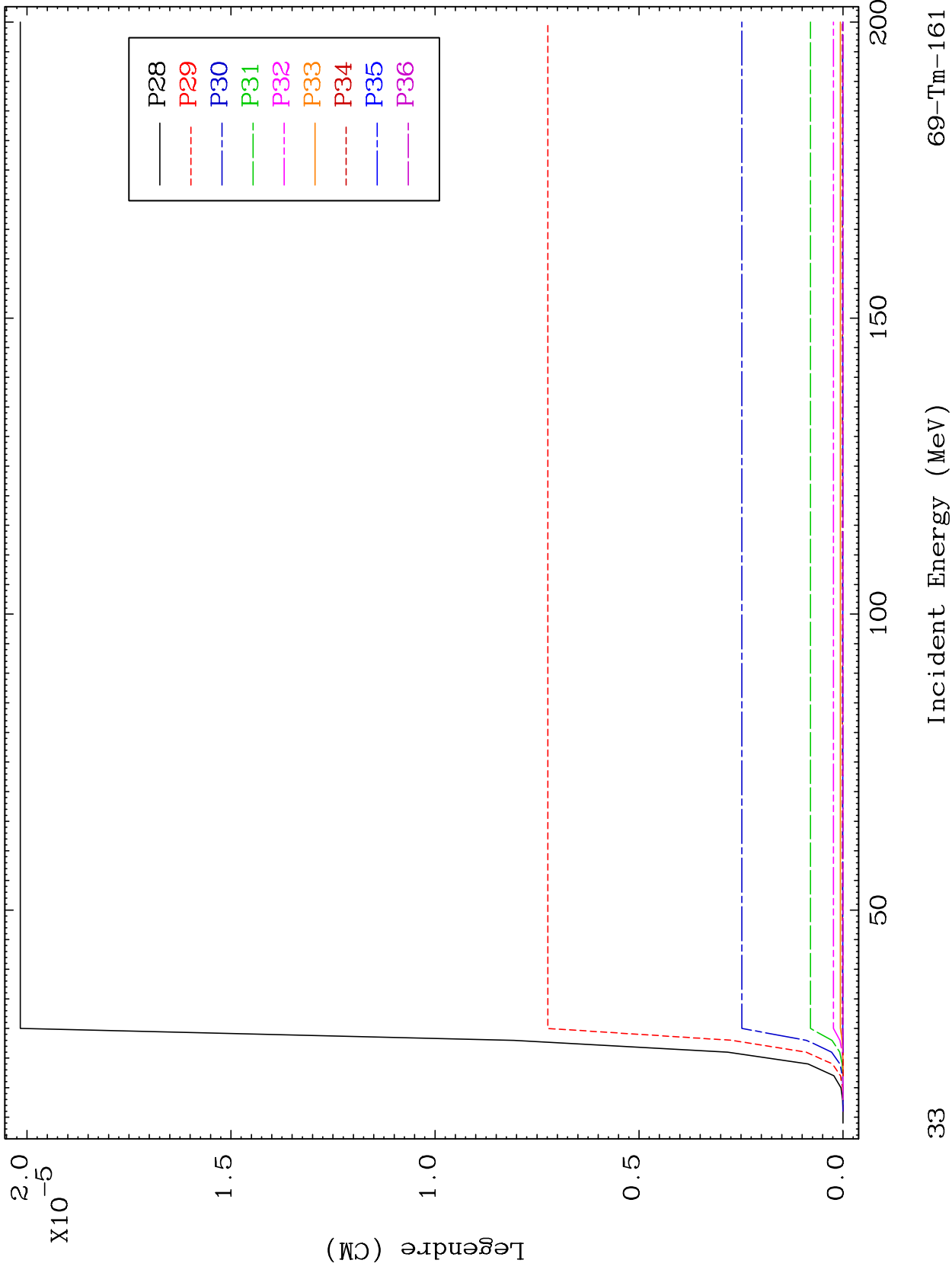


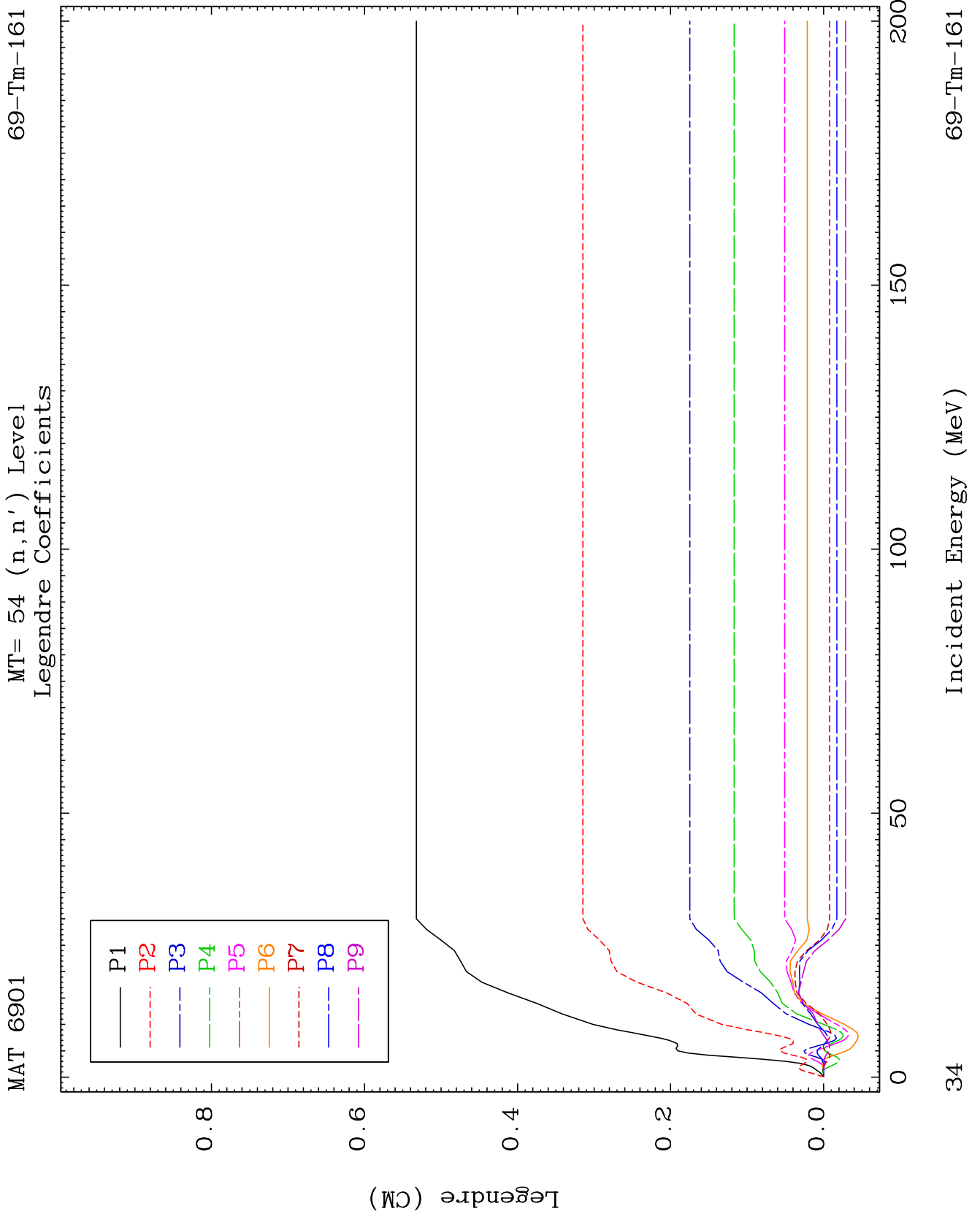


MAT 6901

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

69-Tm-161

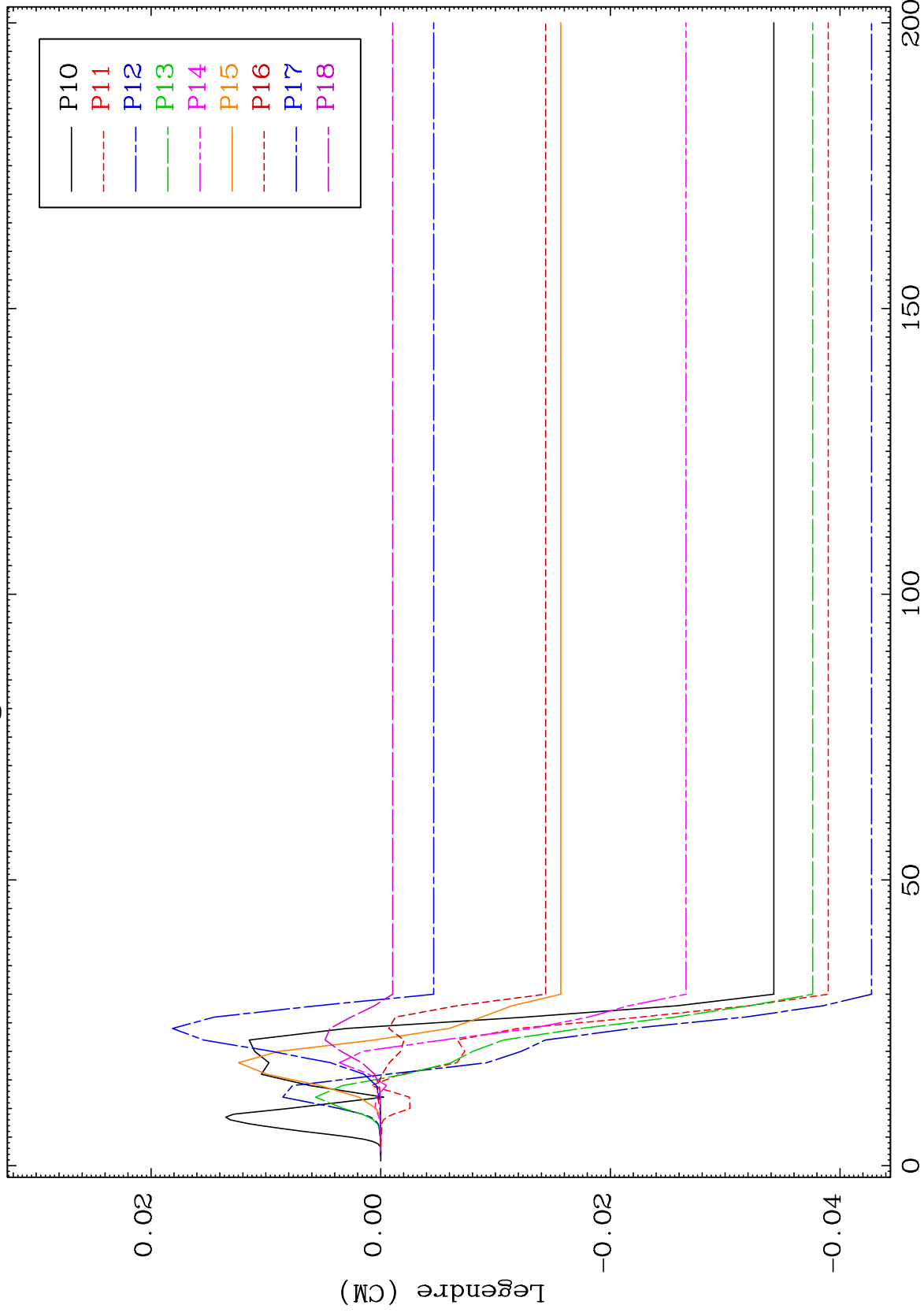




MAT 6901

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

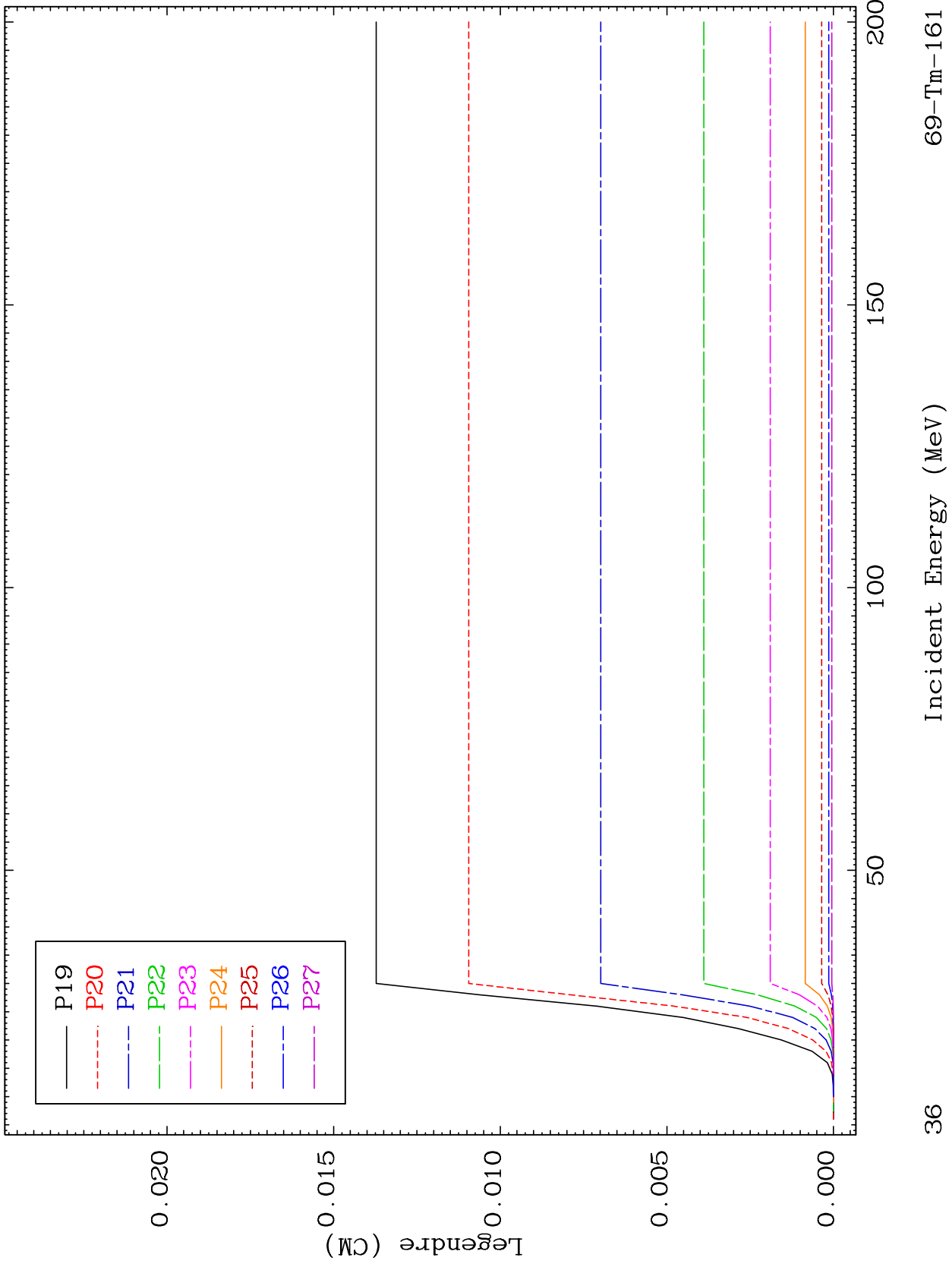
69-Tm-161



35

Incident Energy (MeV)

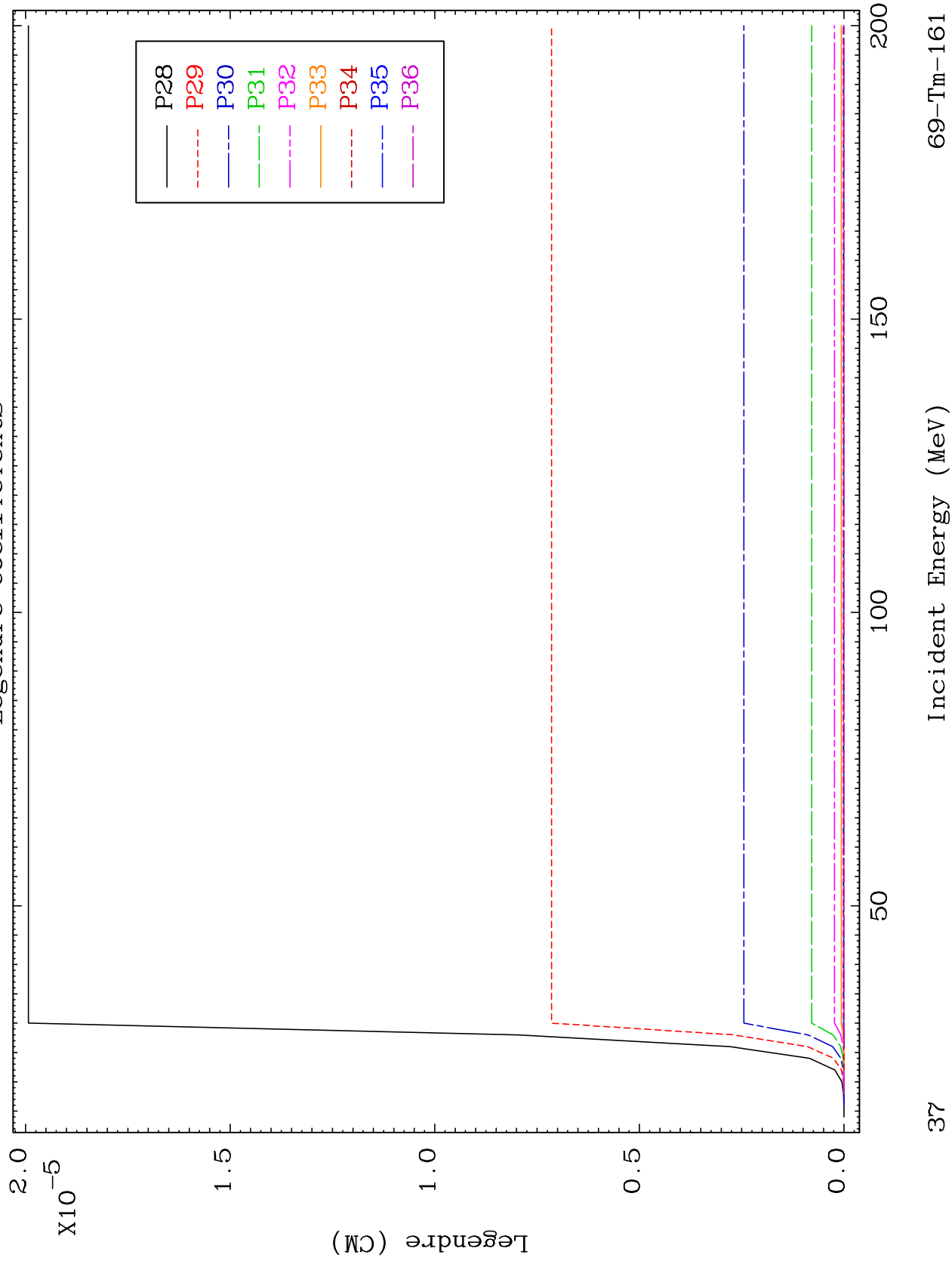
69-Tm-161

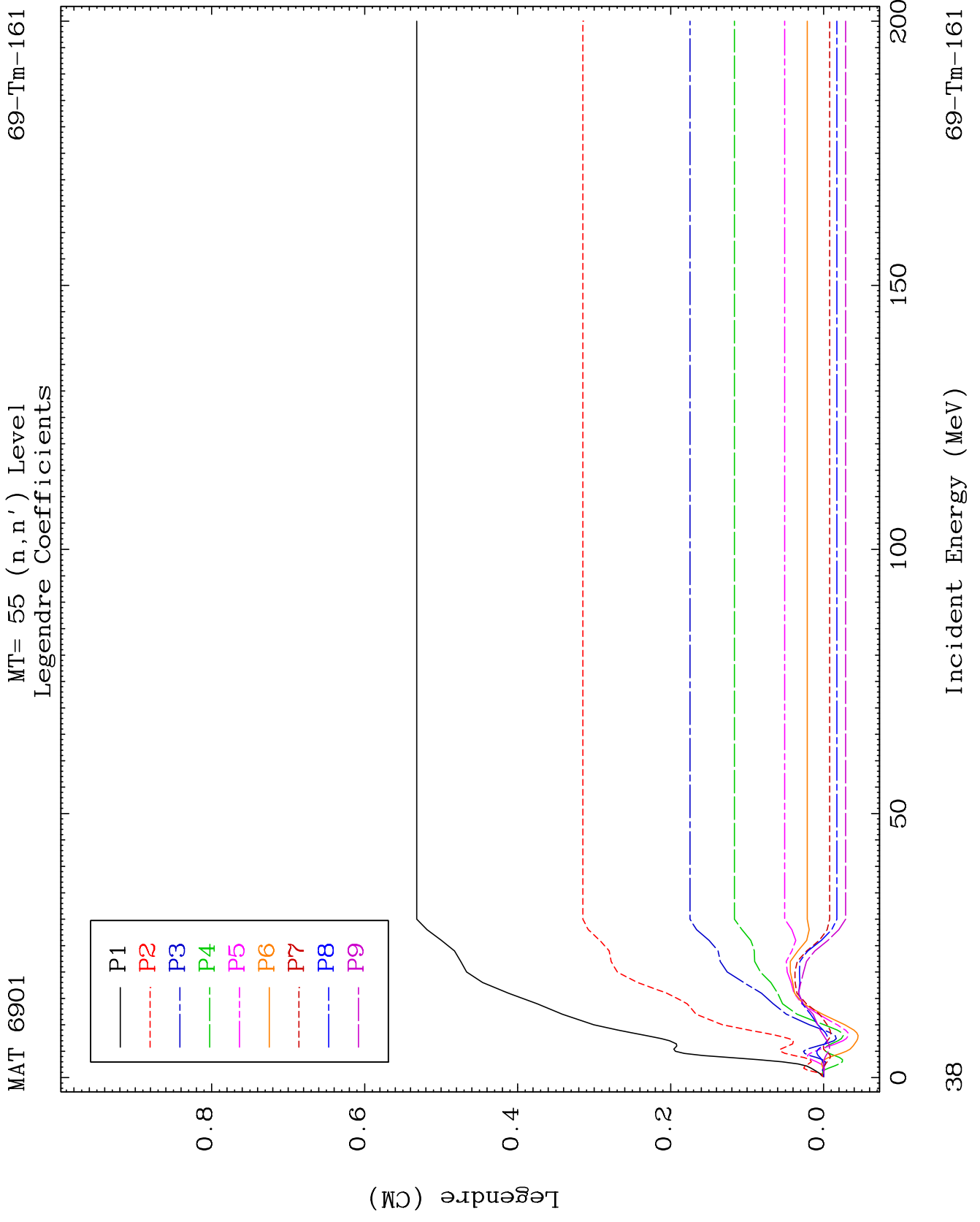


MAT 6901

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

69-Tm-161

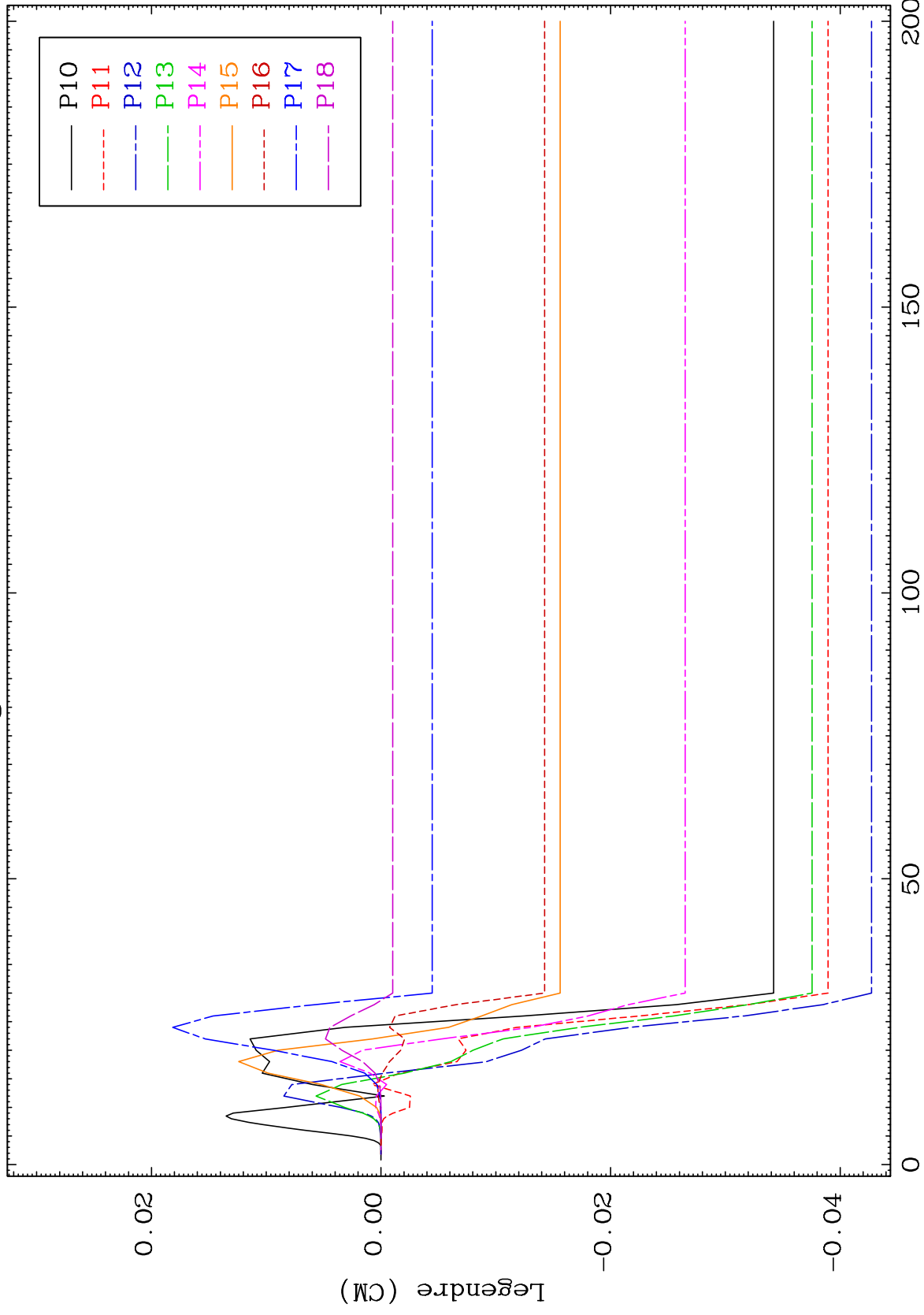




MAT 6901

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

69-Tm-161



39

Incident Energy (MeV)

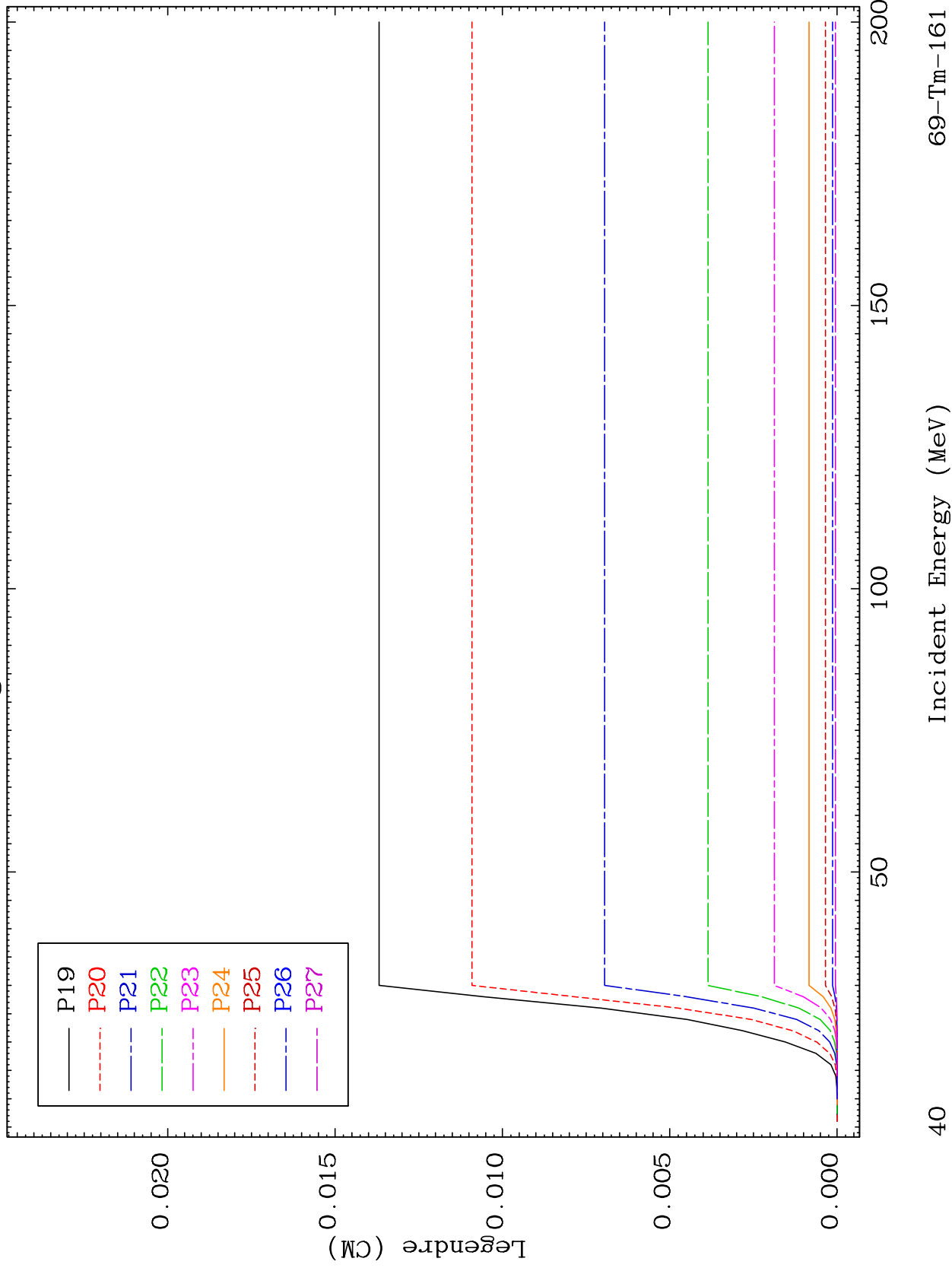
69-Tm-161



MAT 6901

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

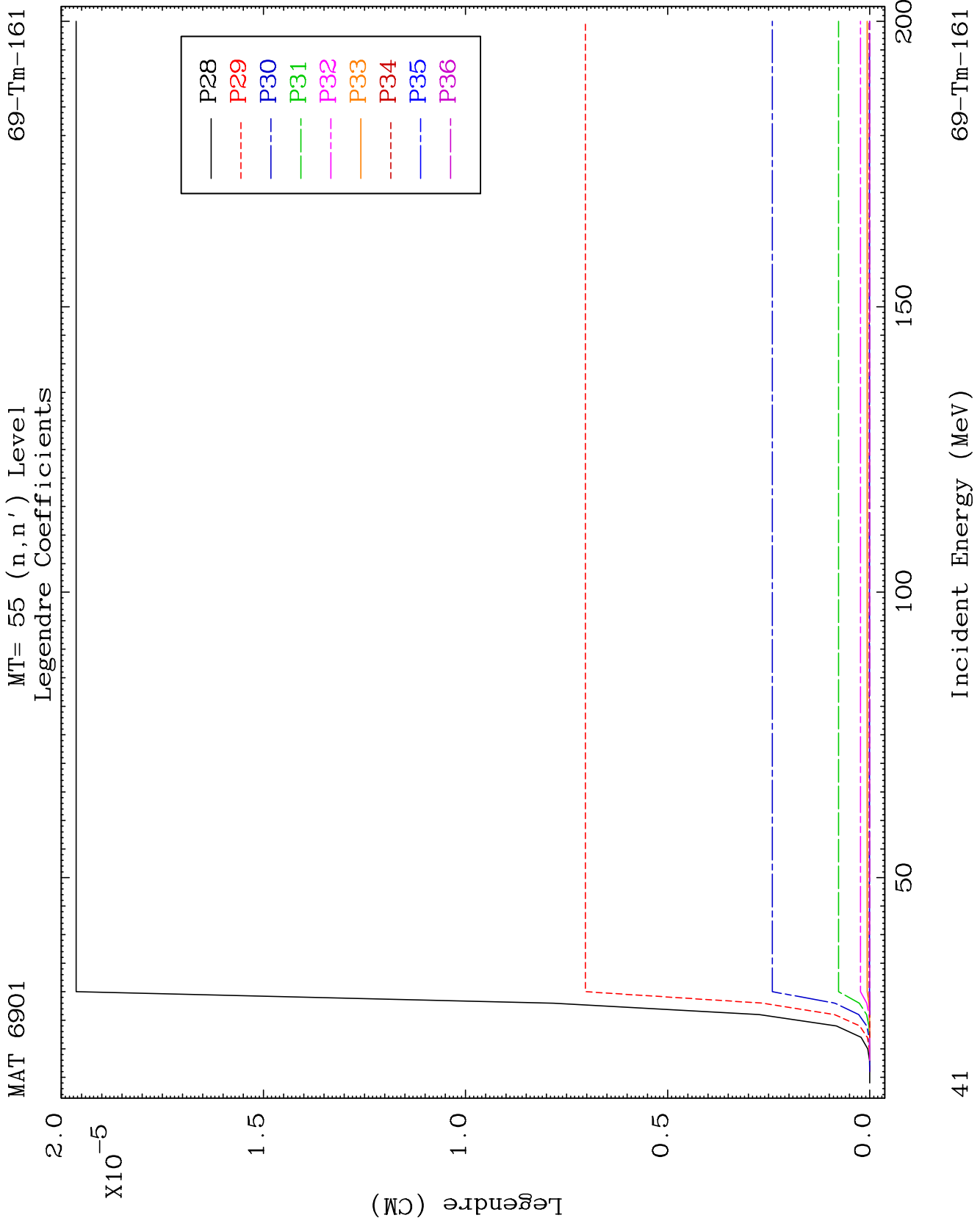
69-Tm-161



69-Tm-161

Incident Energy (MeV)

40

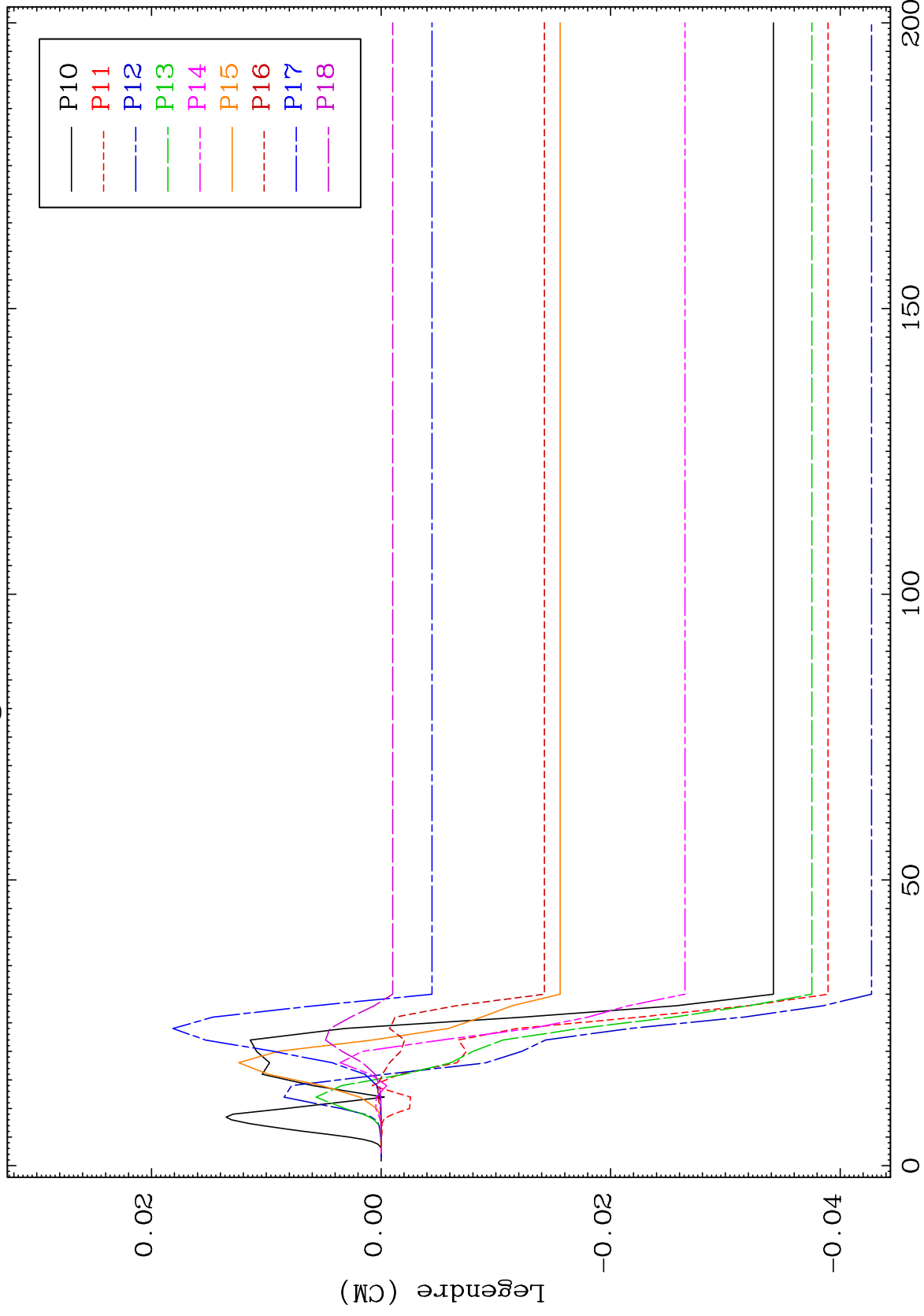




MAT 6901

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

69-Tm-161



43

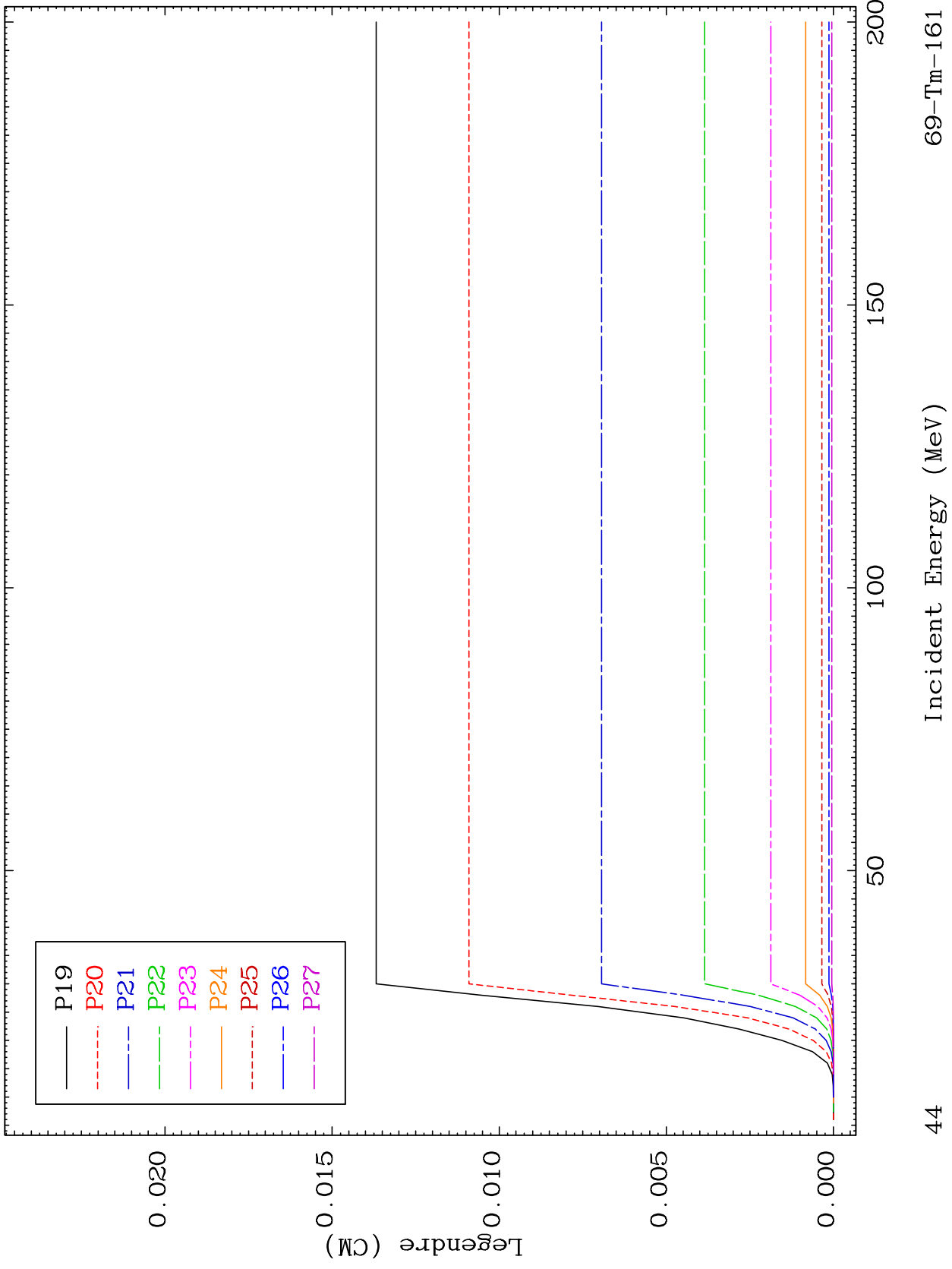
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161



44

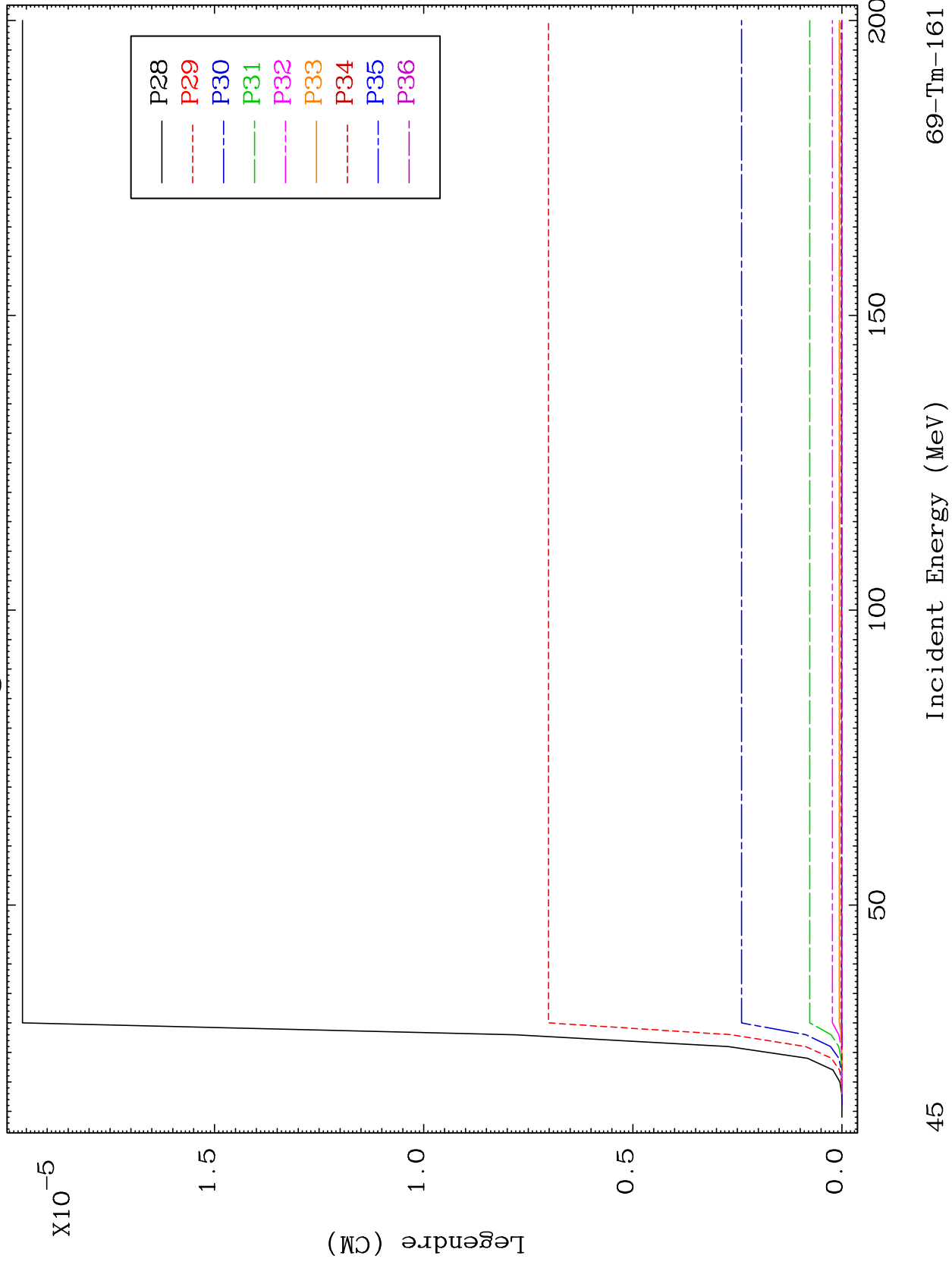
Incident Energy (MeV)

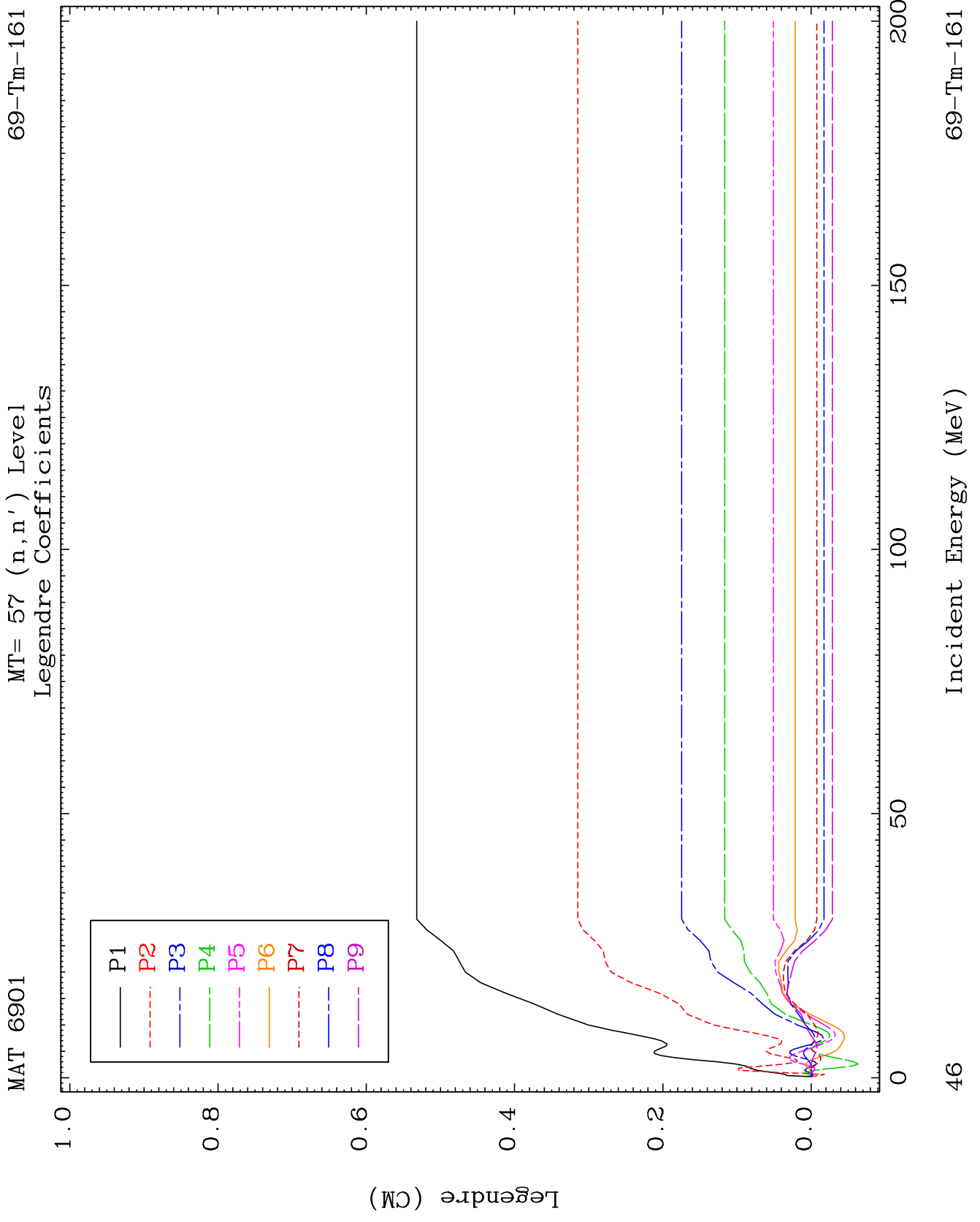
69-Tm-161

MAT 6901

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

69-Tm-161

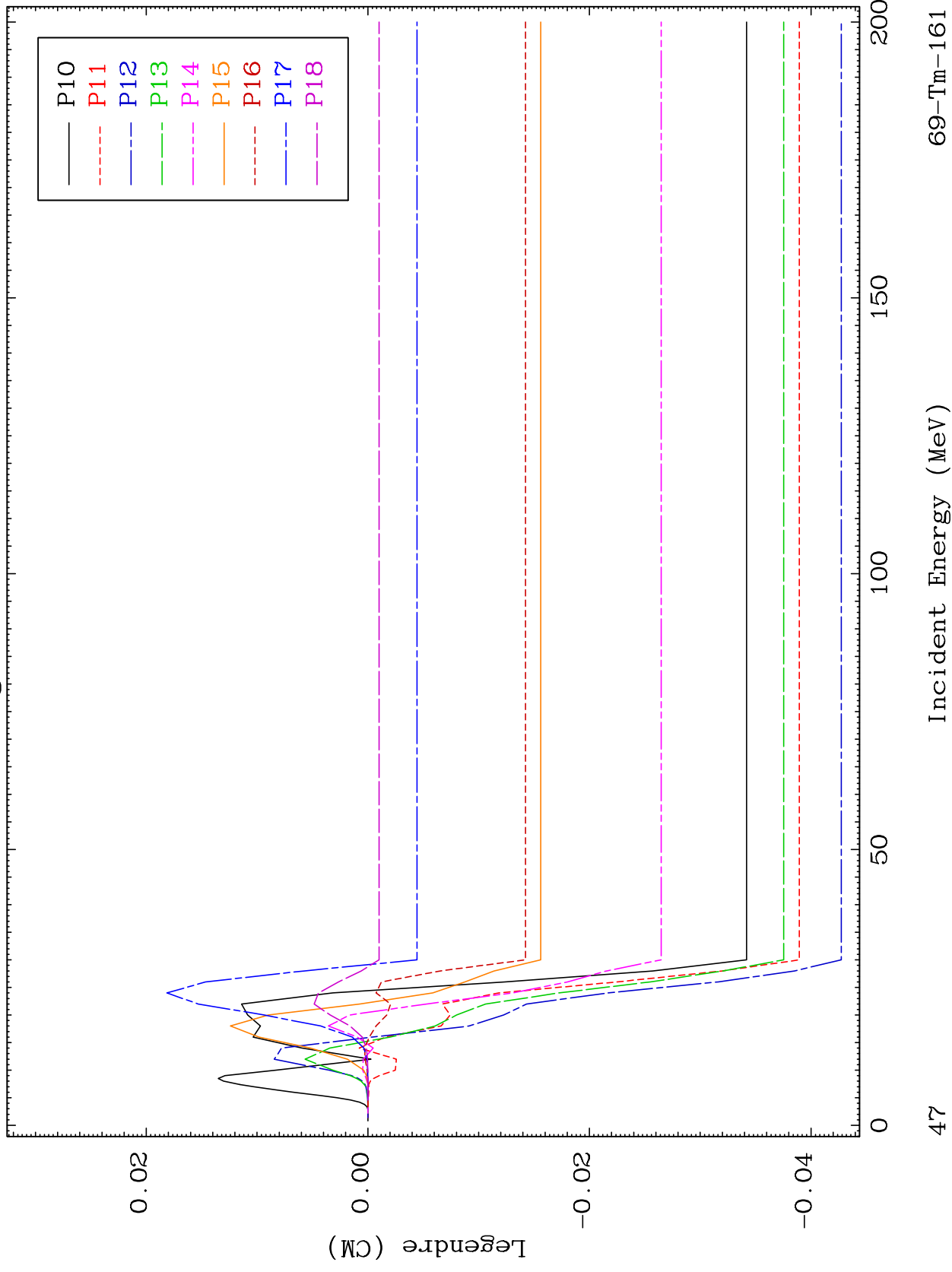




MAT 6901

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

69-Tm-161



47

Incident Energy (MeV)

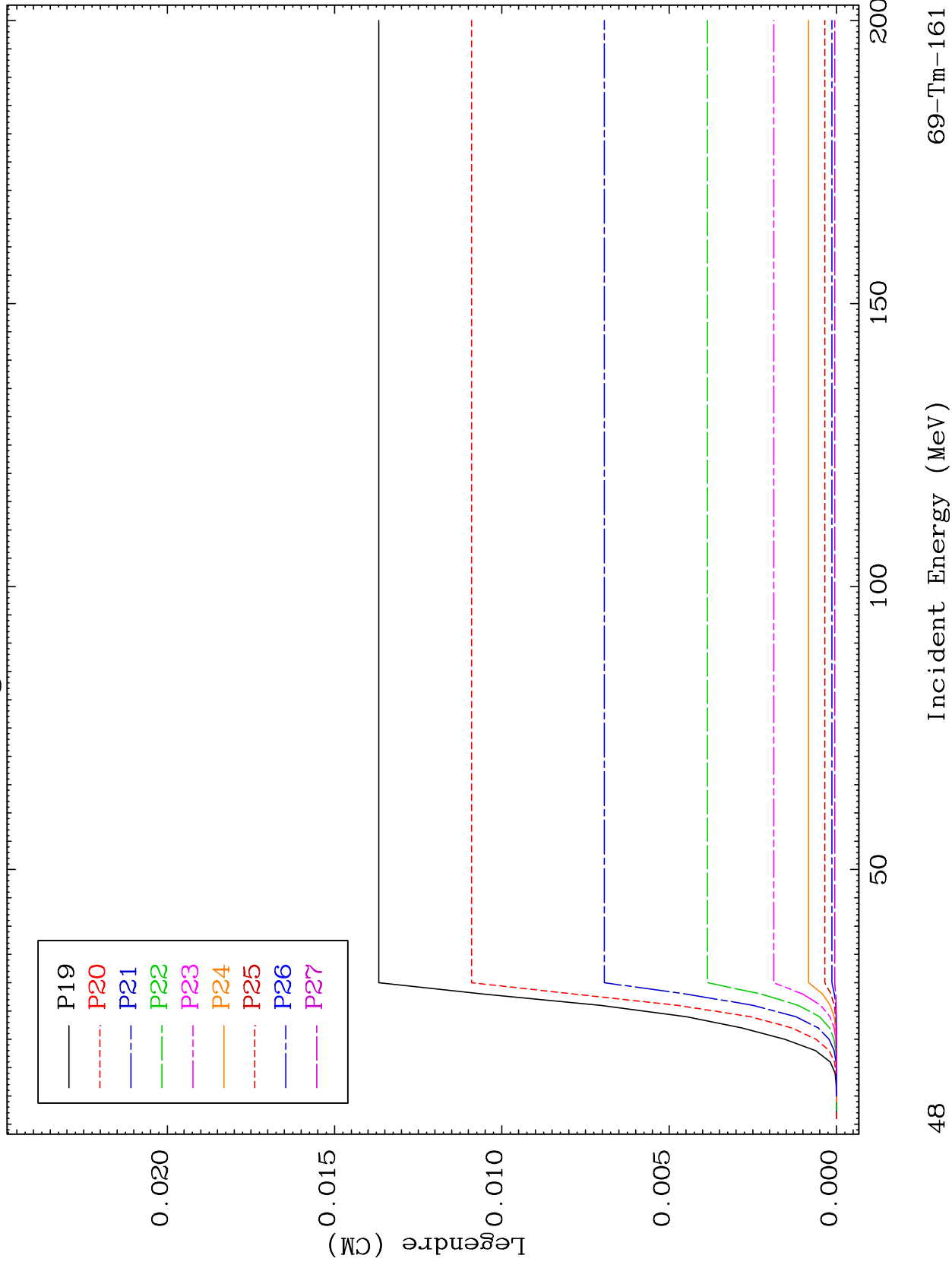
69-Tm-161



MAT 6901

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

69-Tm-161



48

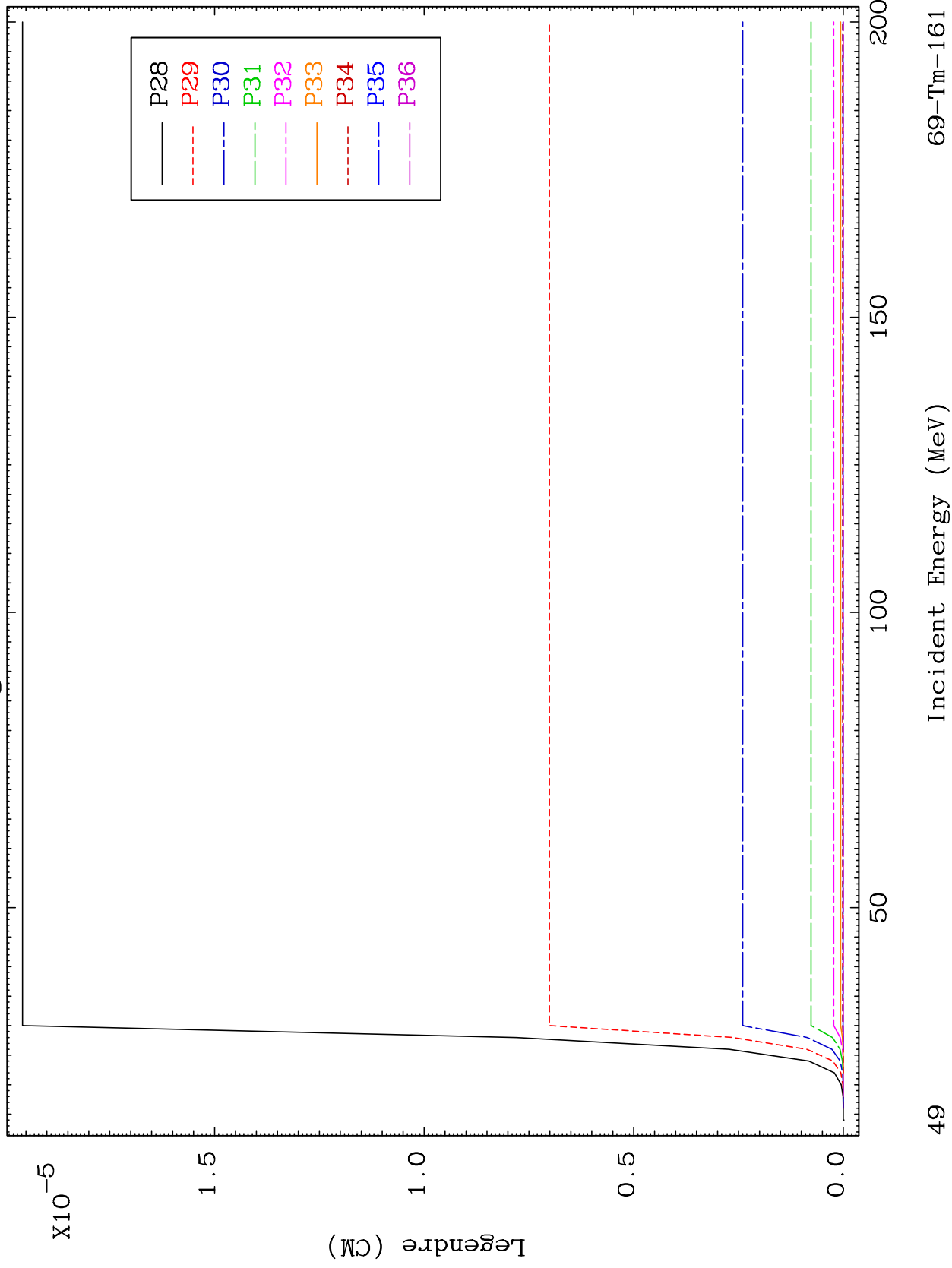
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161



49

Incident Energy (MeV)

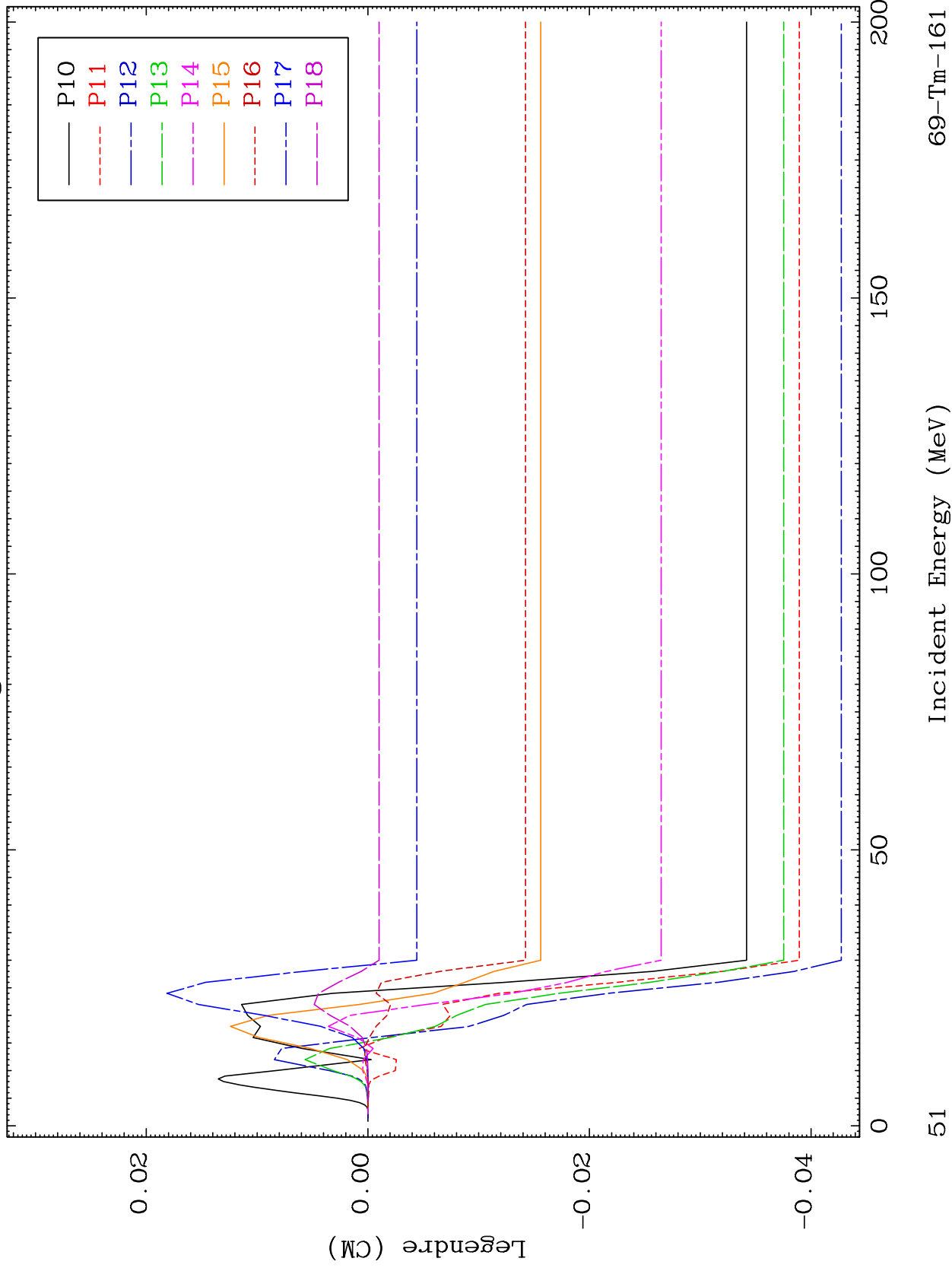
69-Tm-161



MAT 6901

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

69-Tm-161



51

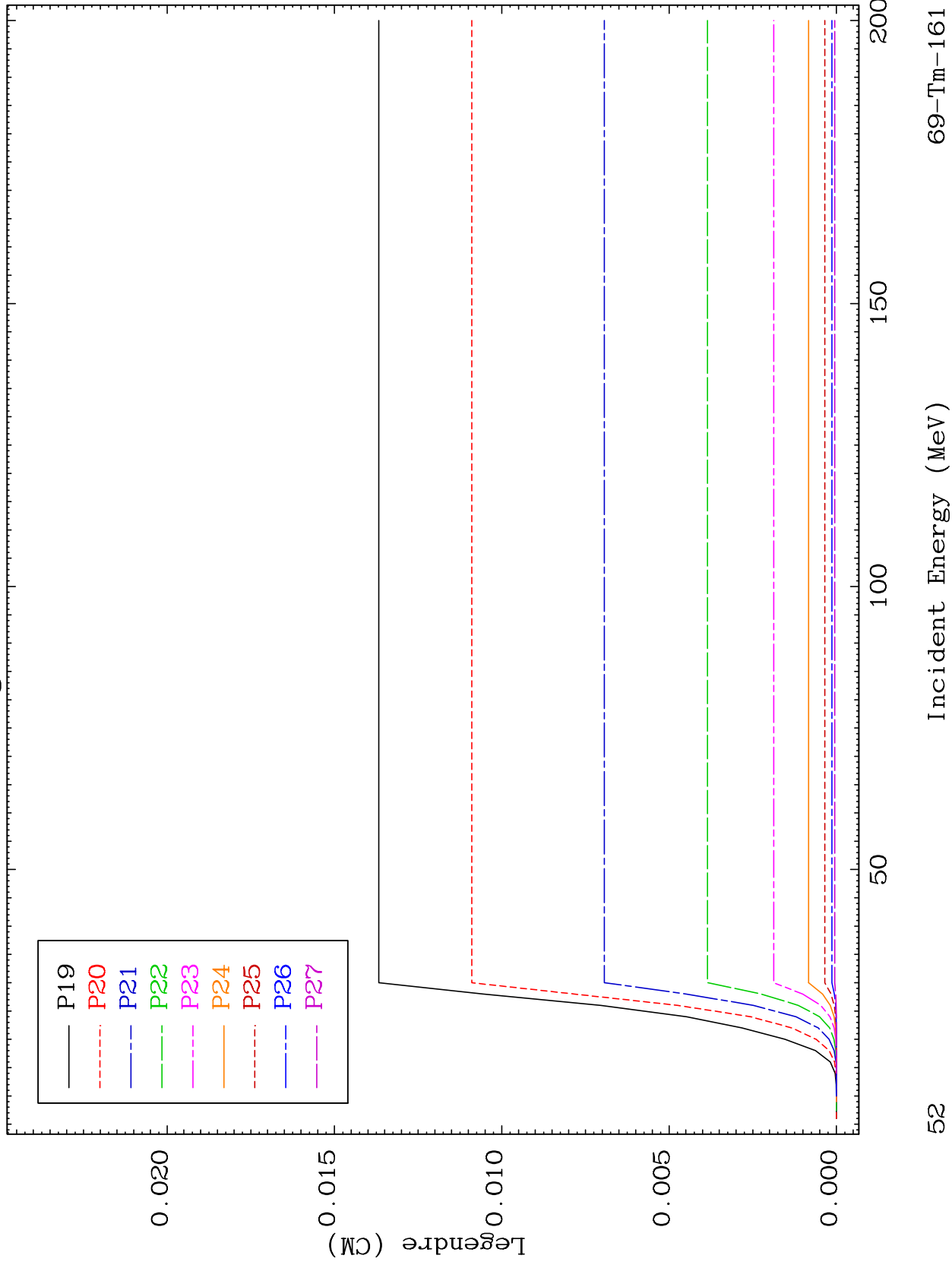
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161



52

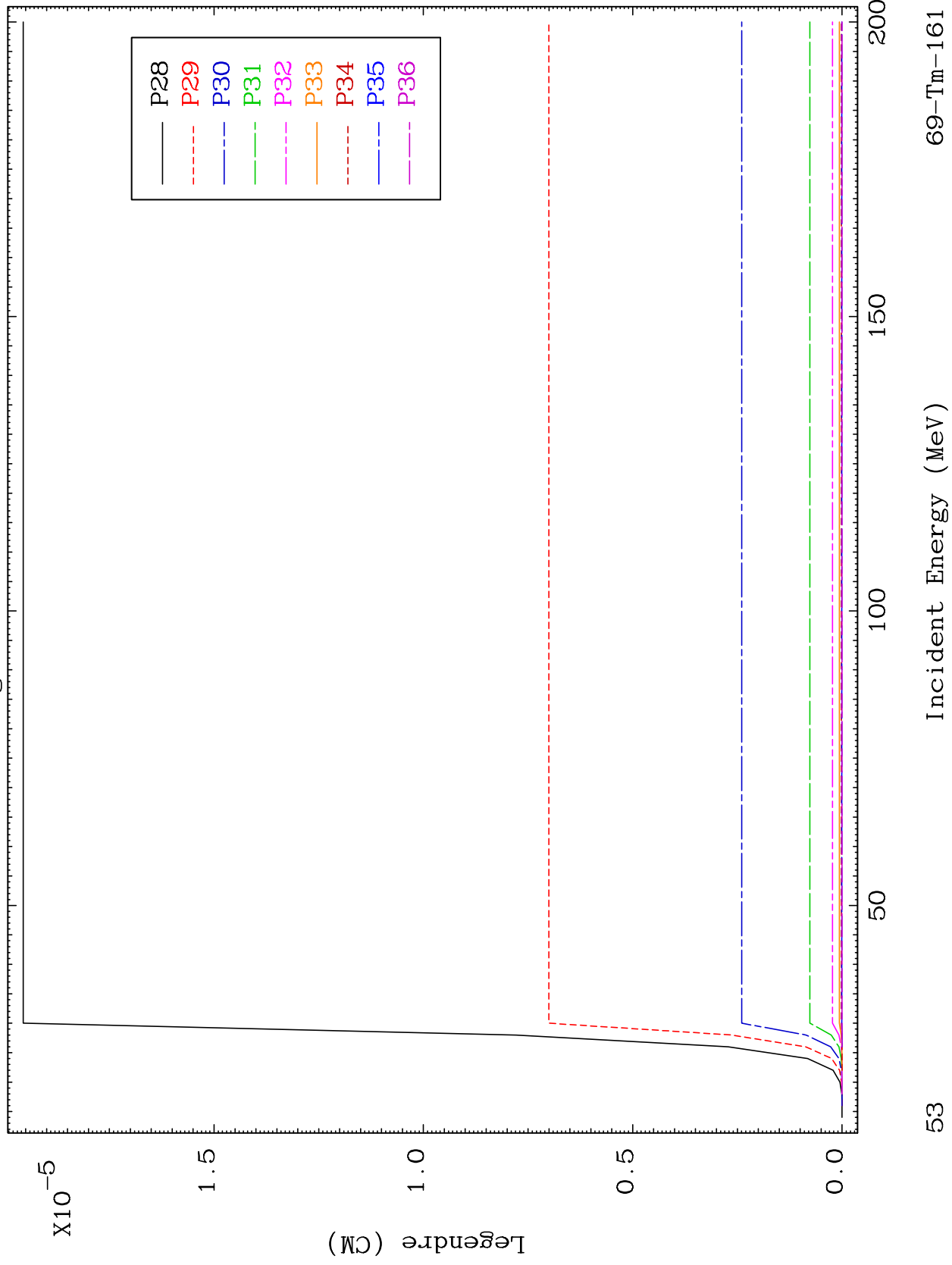
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

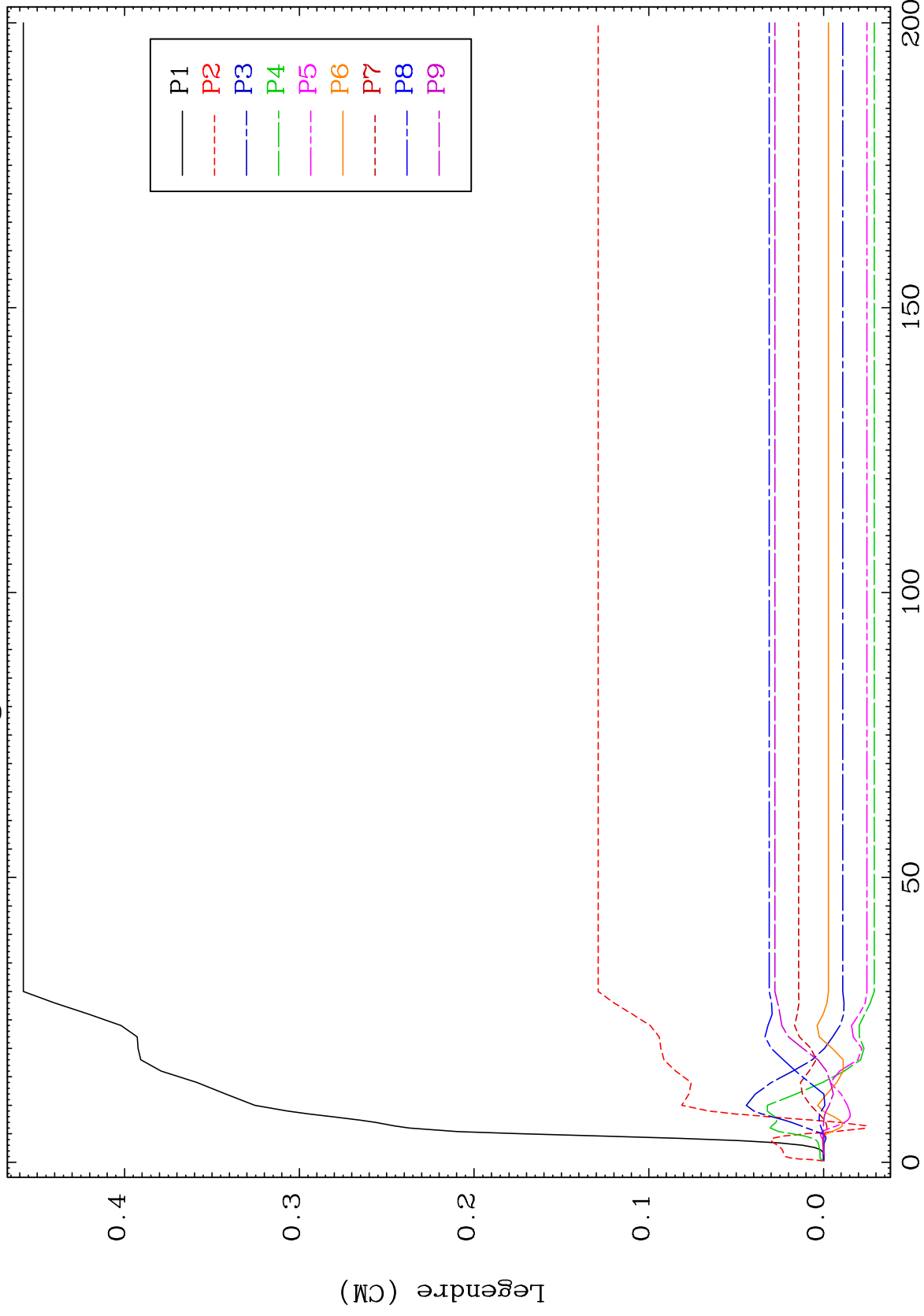
69-Tm-161



MAT 6901

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

69-Tm-161



54

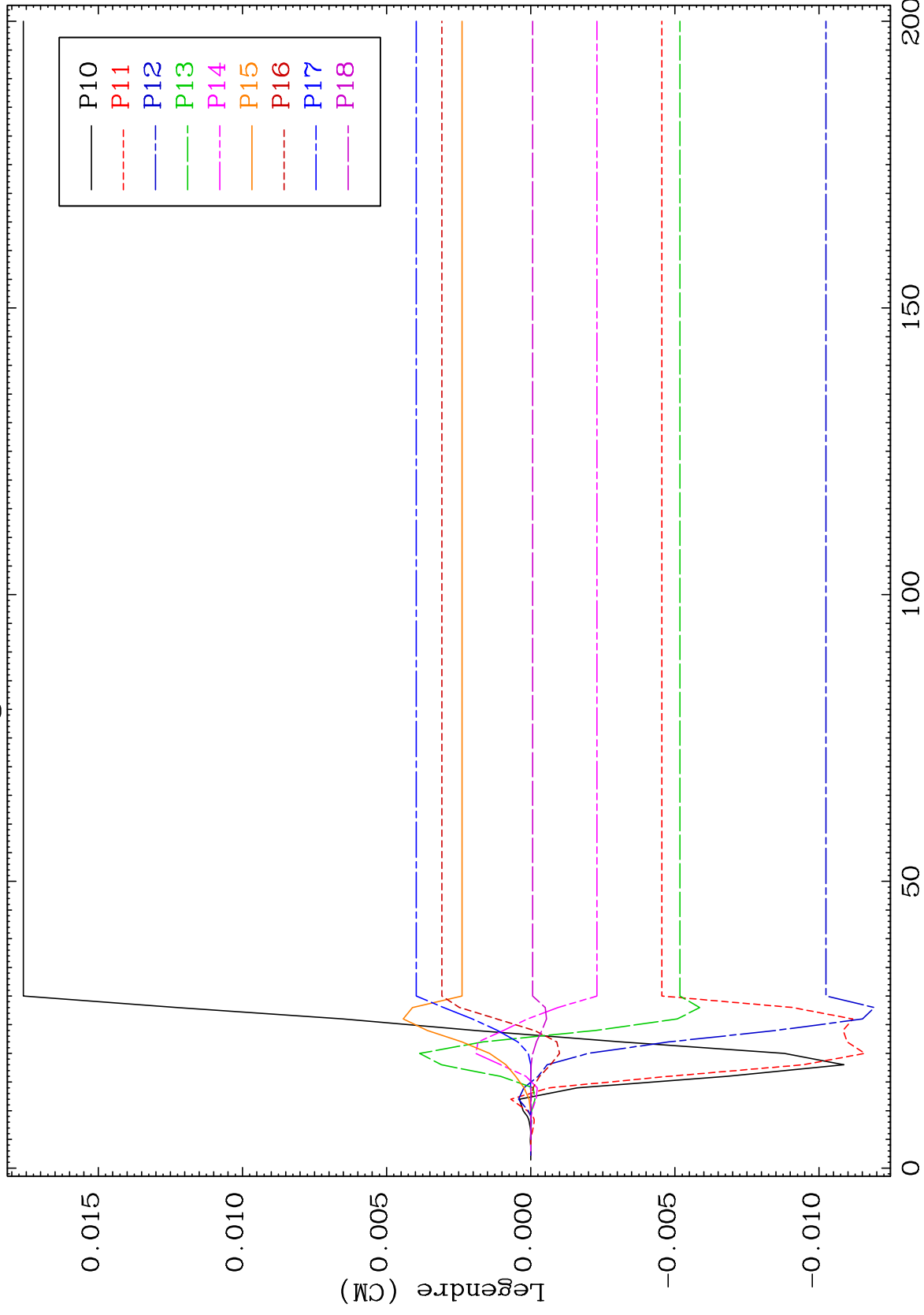
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161

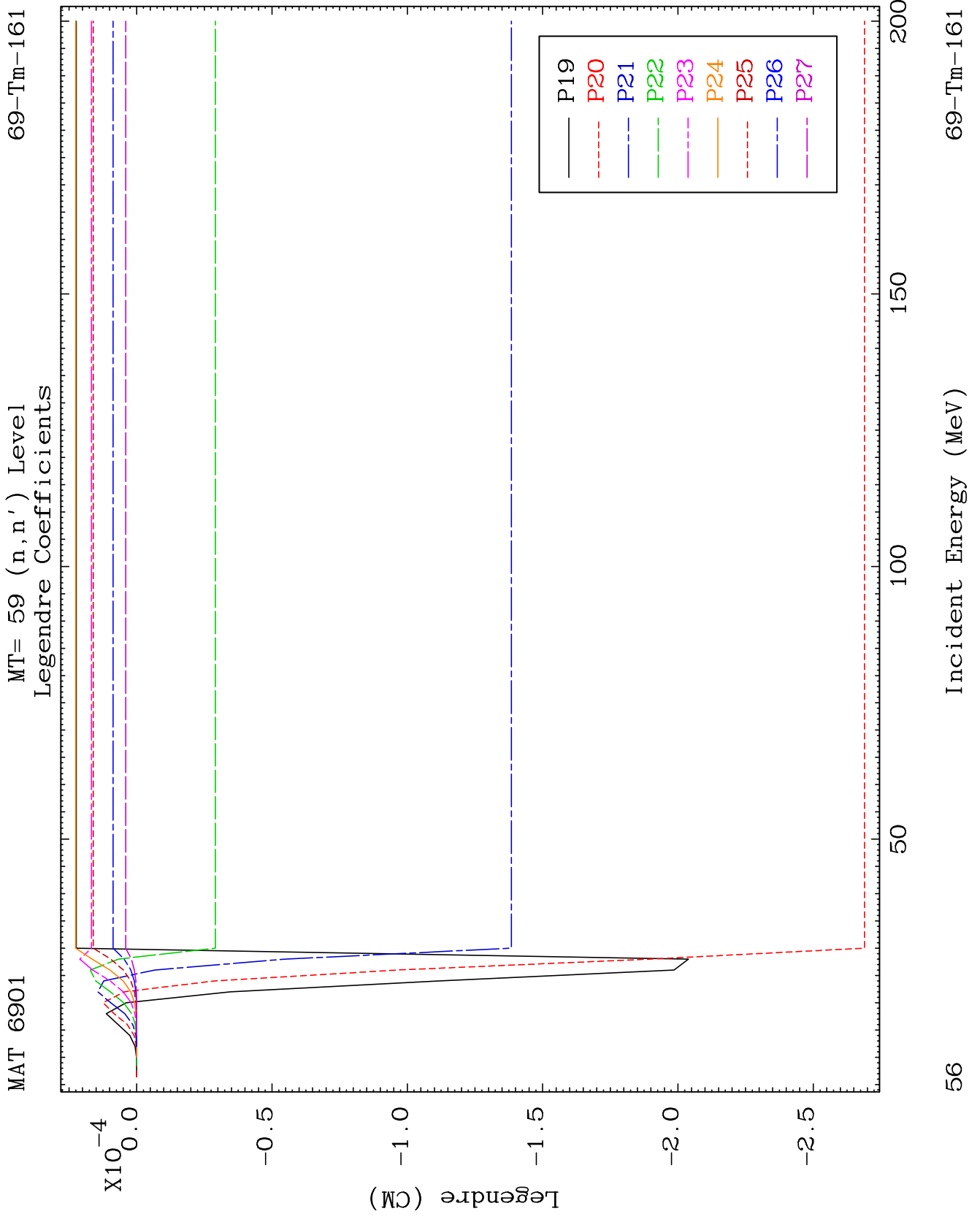


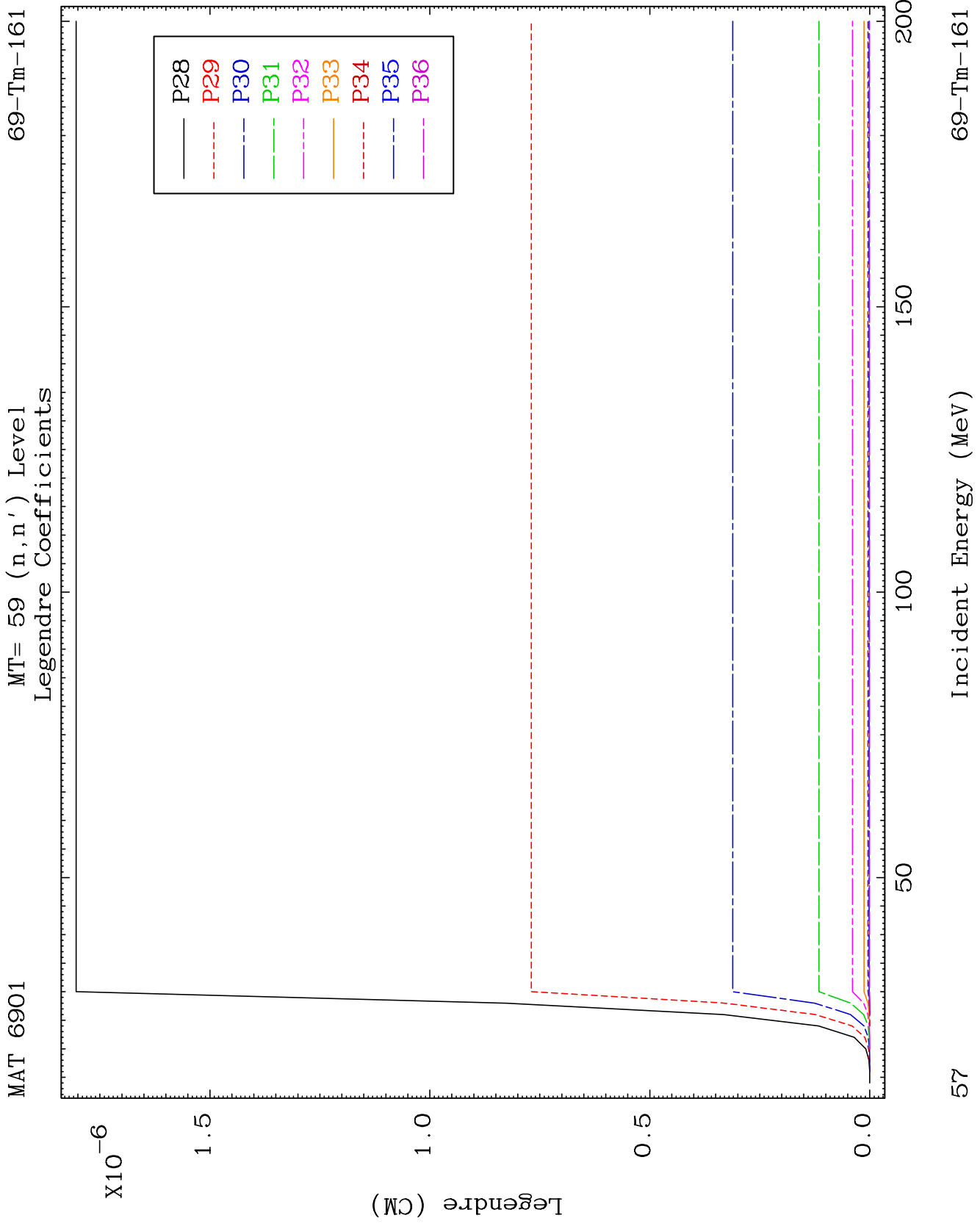
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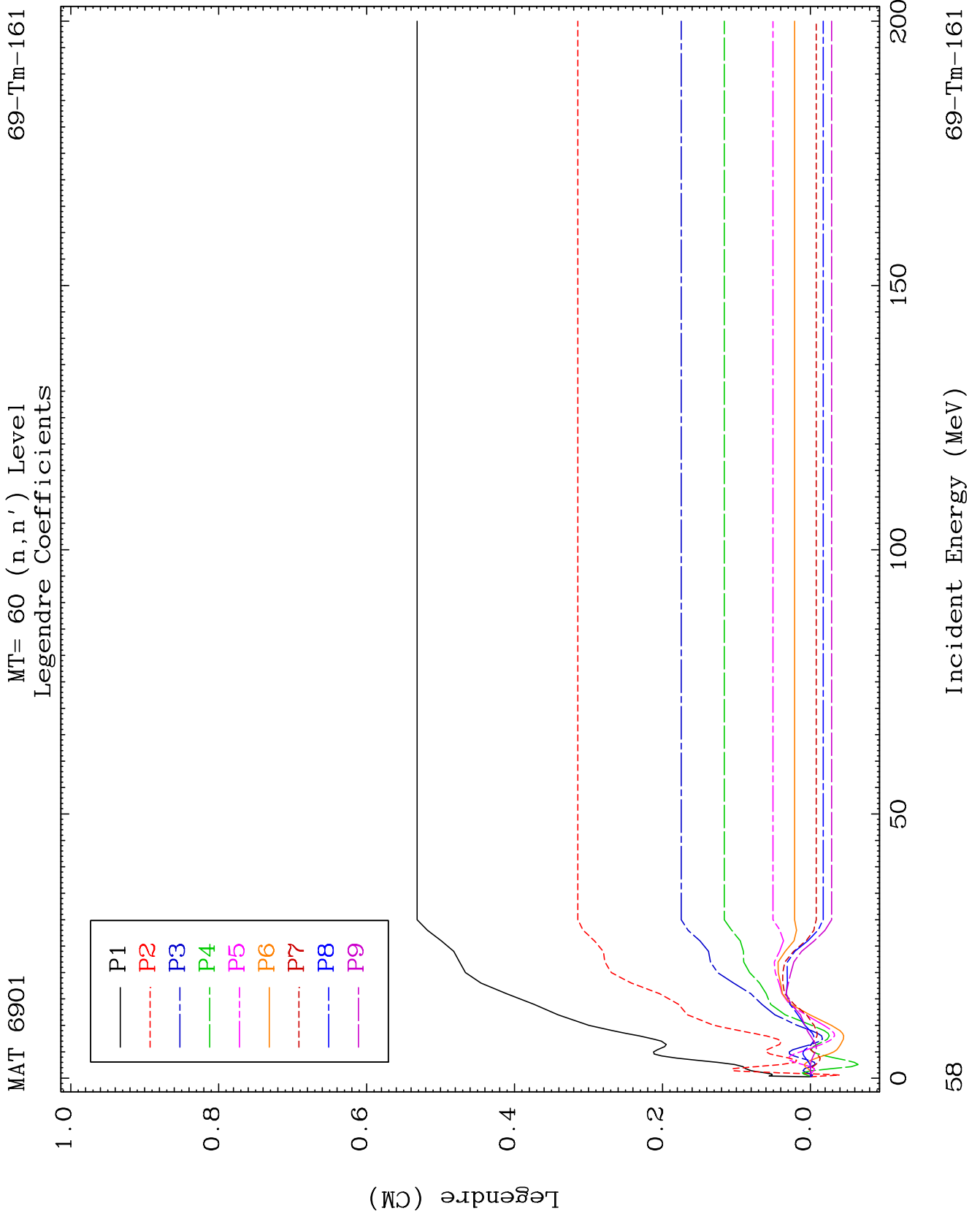
Incident Energy (MeV)

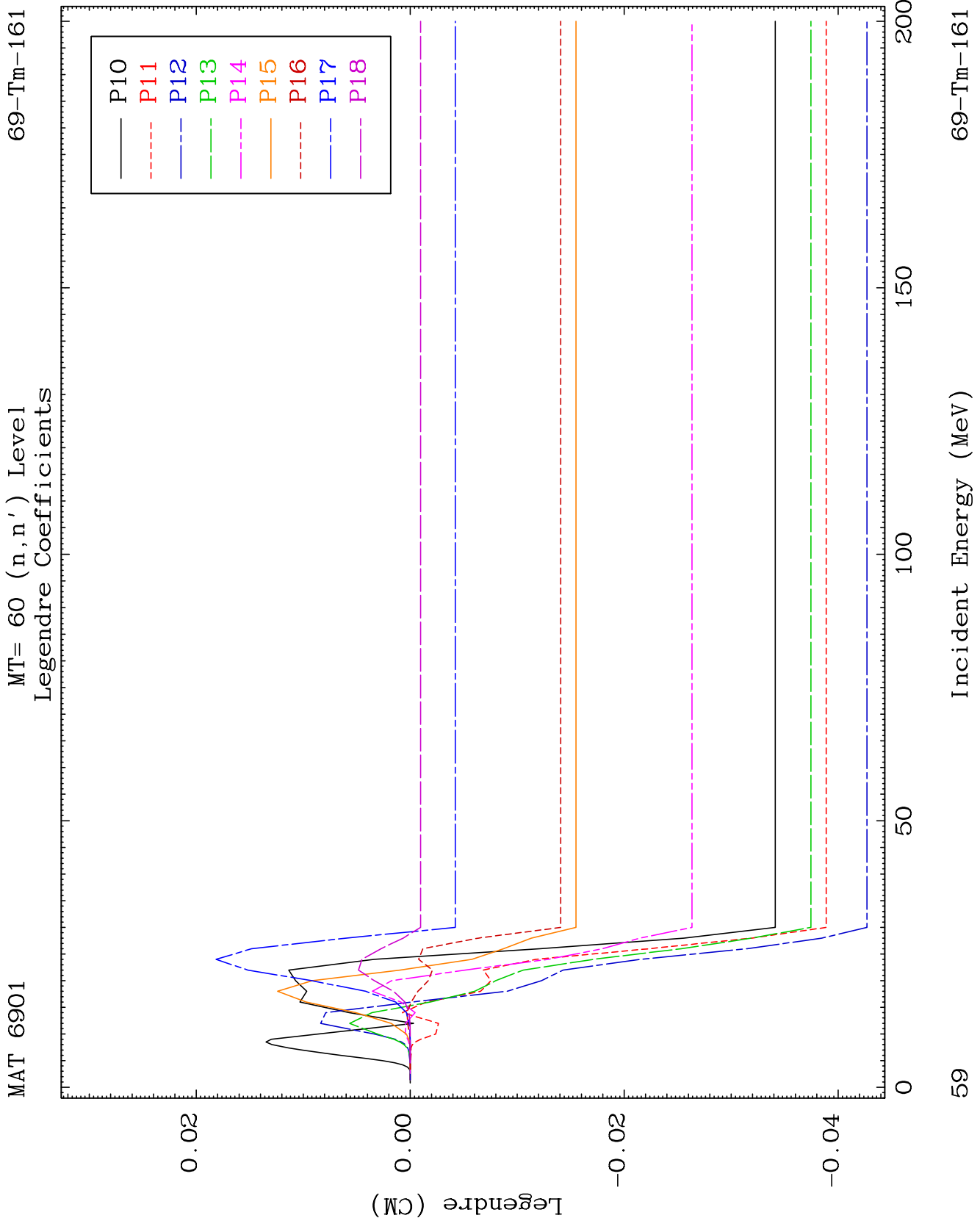
69-Tm-161







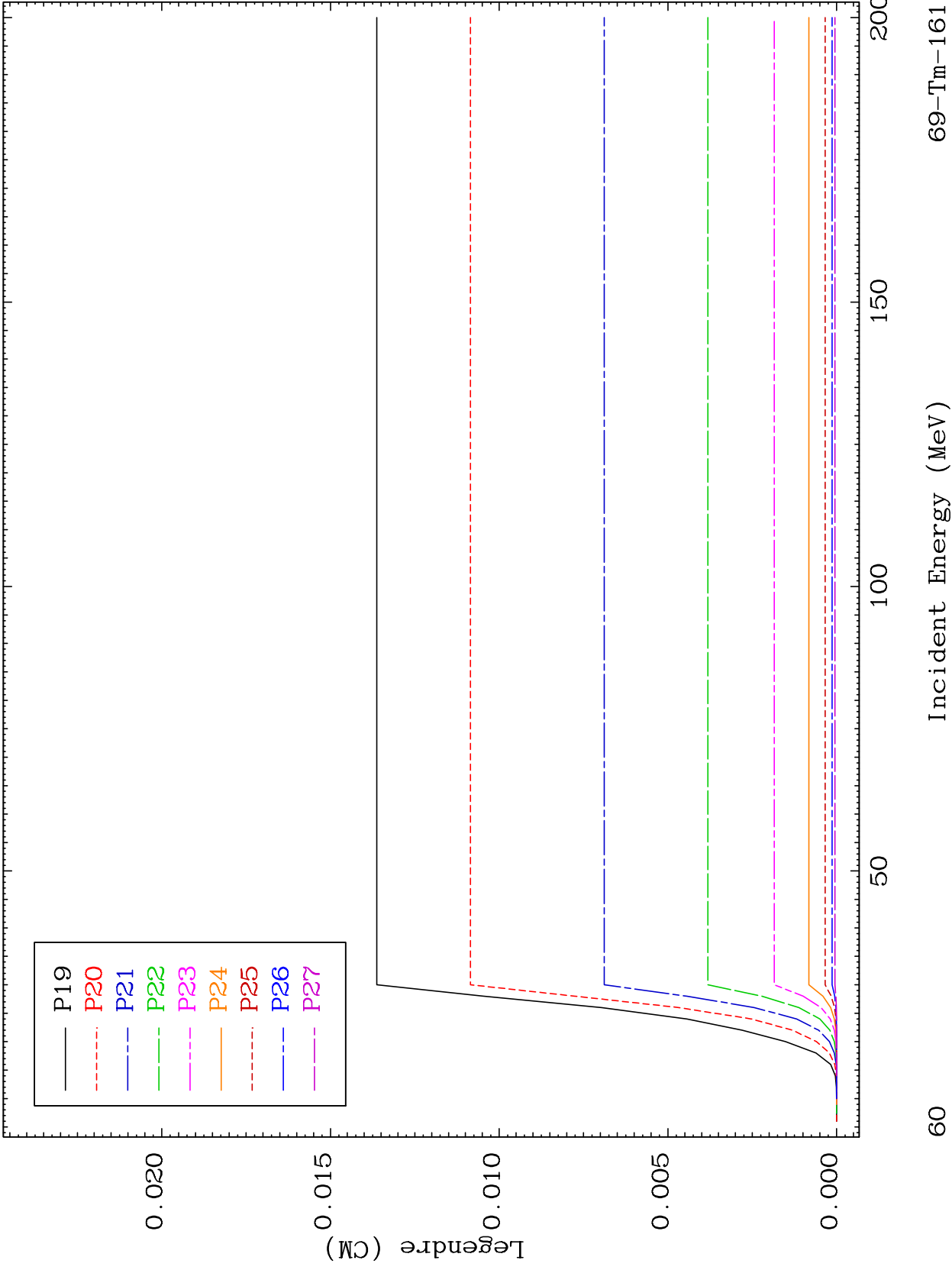




MAT 6901

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

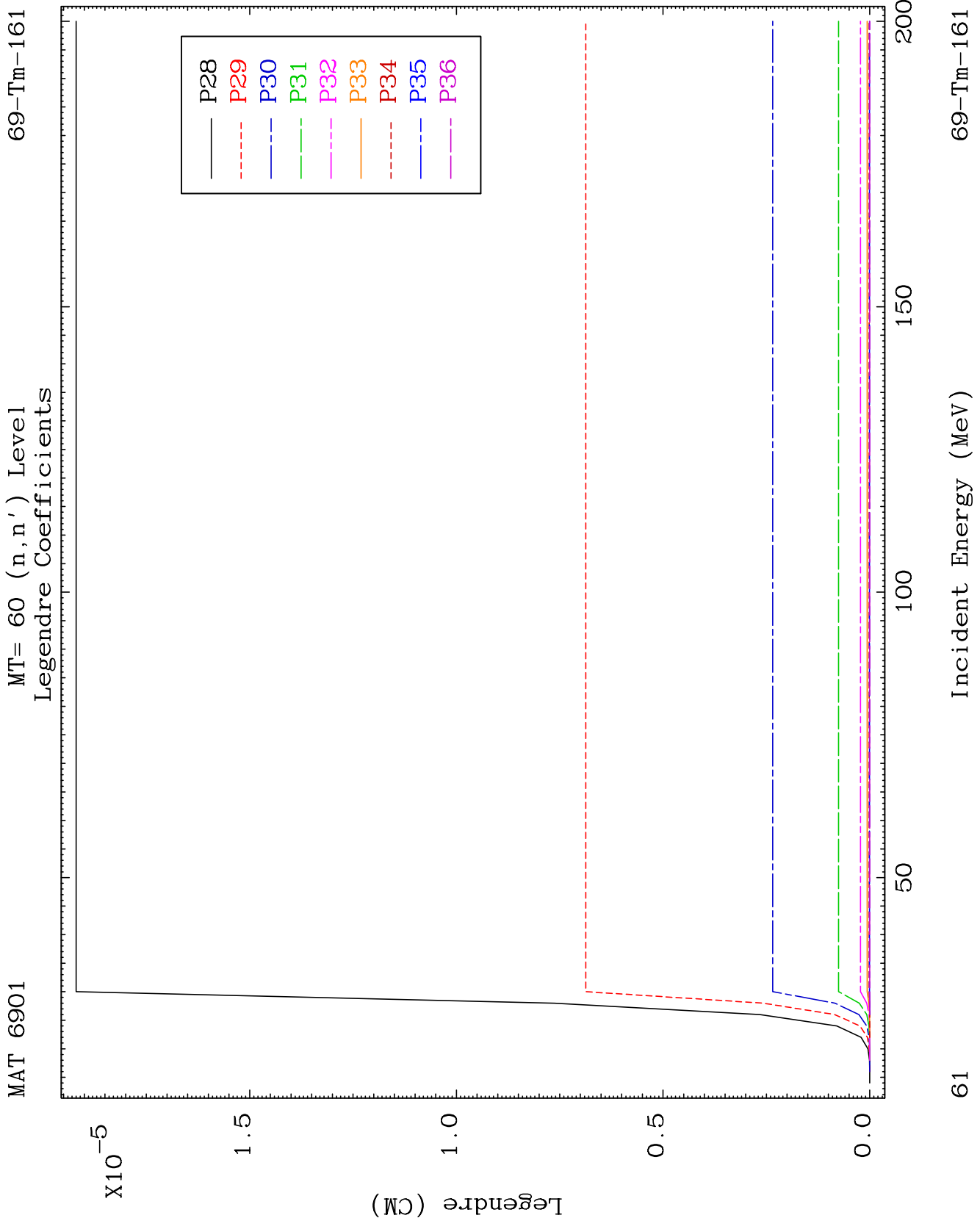
69-Tm-161



60

Incident Energy (MeV)

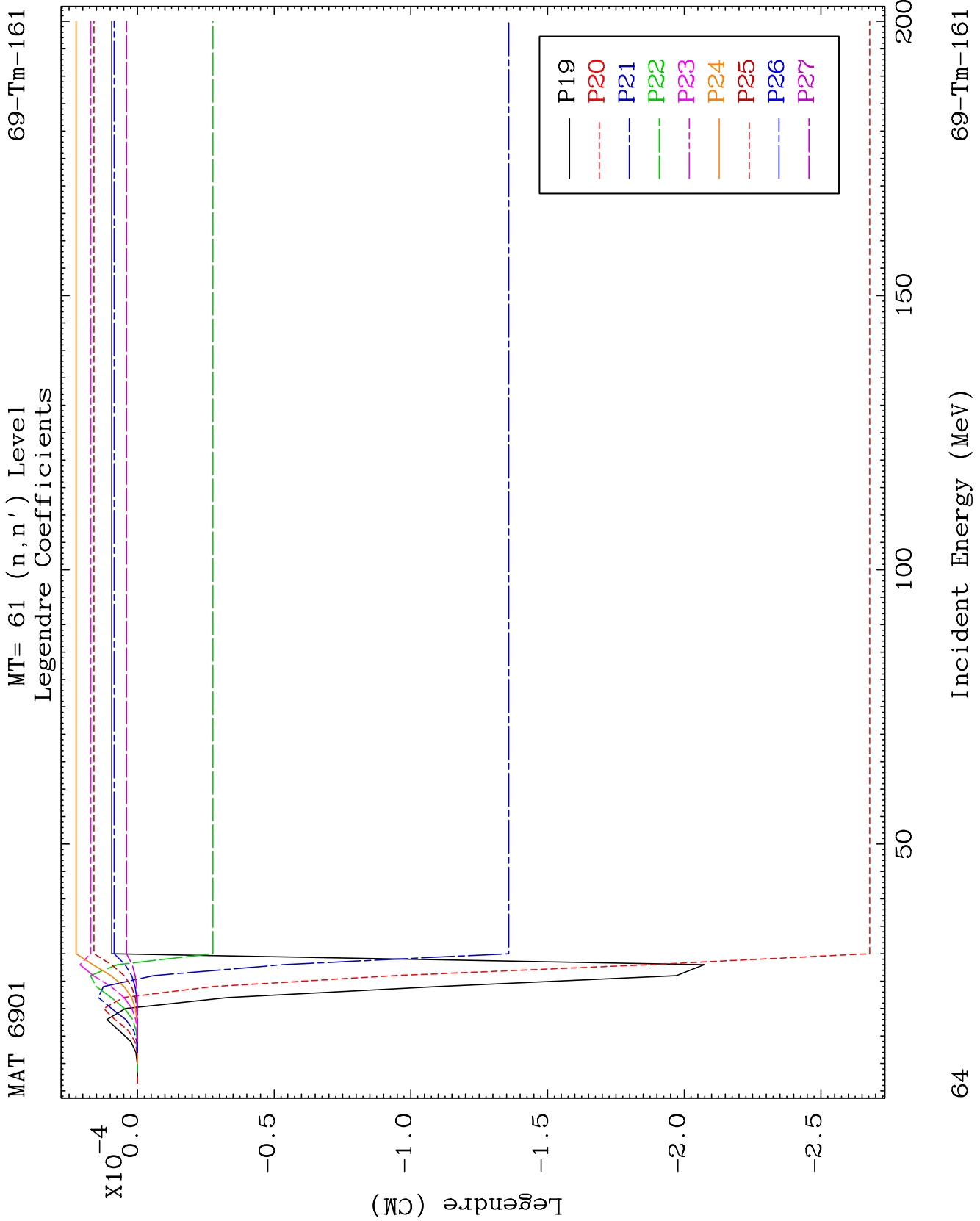
69-Tm-161

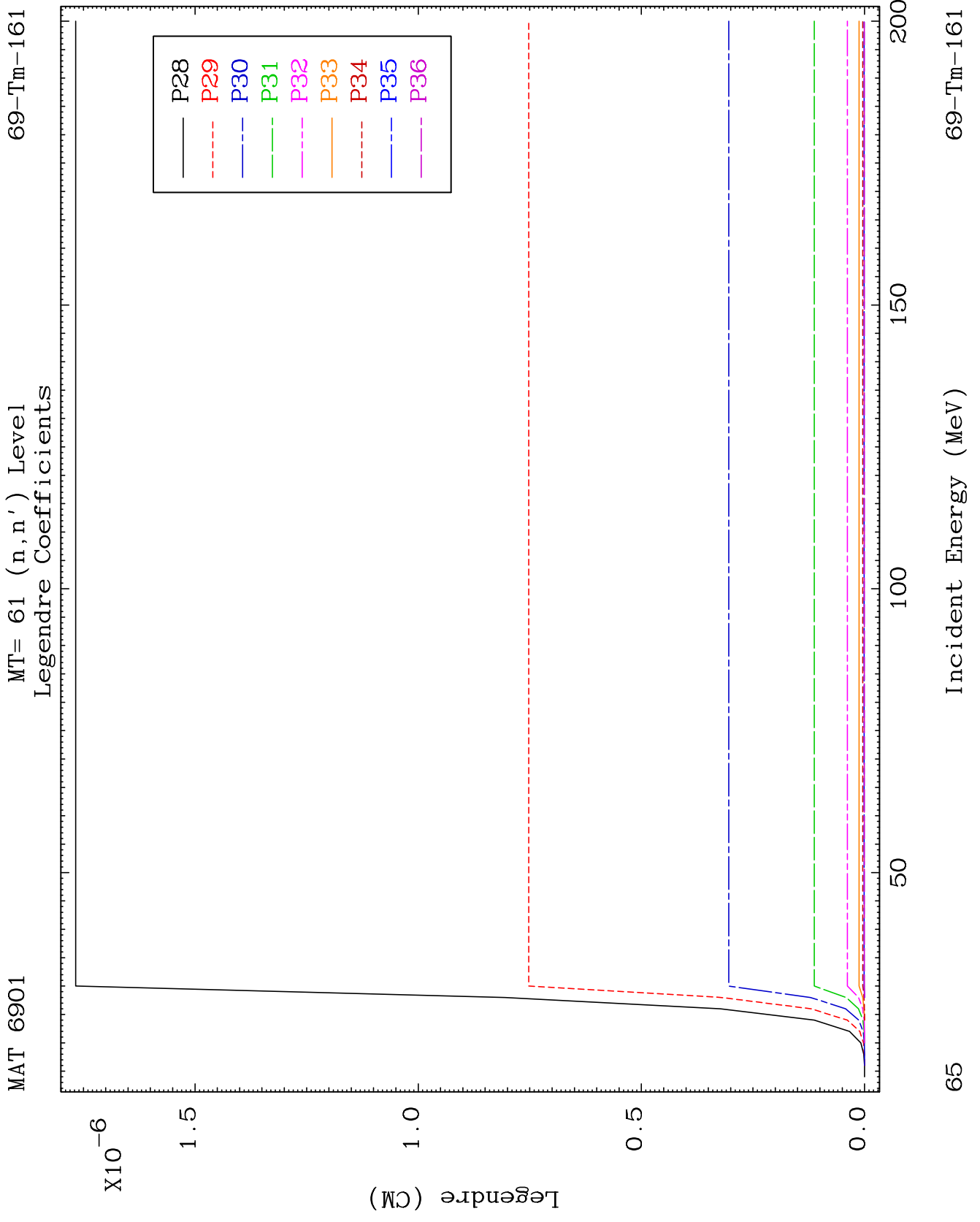








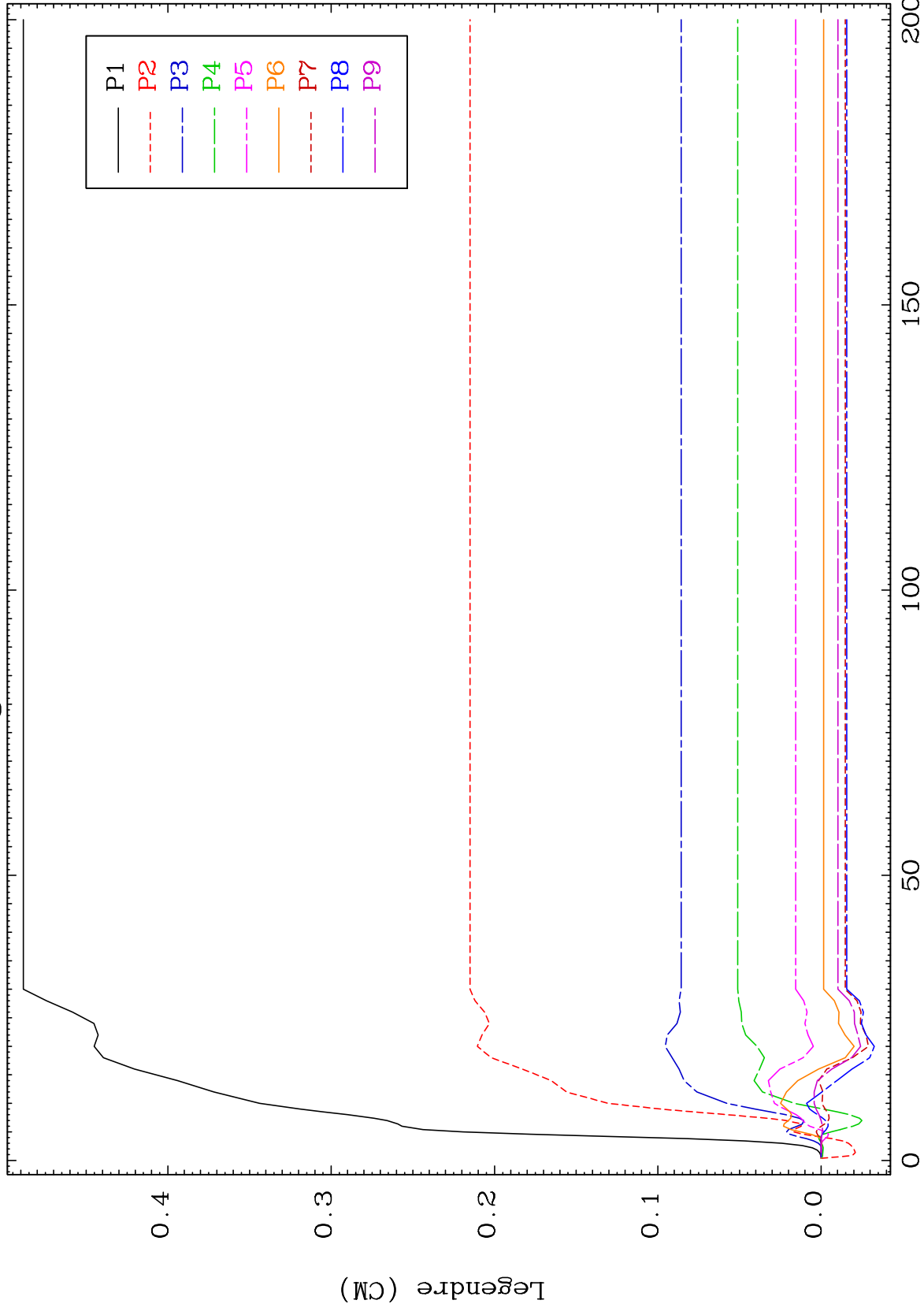




MAT 6901

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

69-Tm-161



66

Incident Energy (MeV)

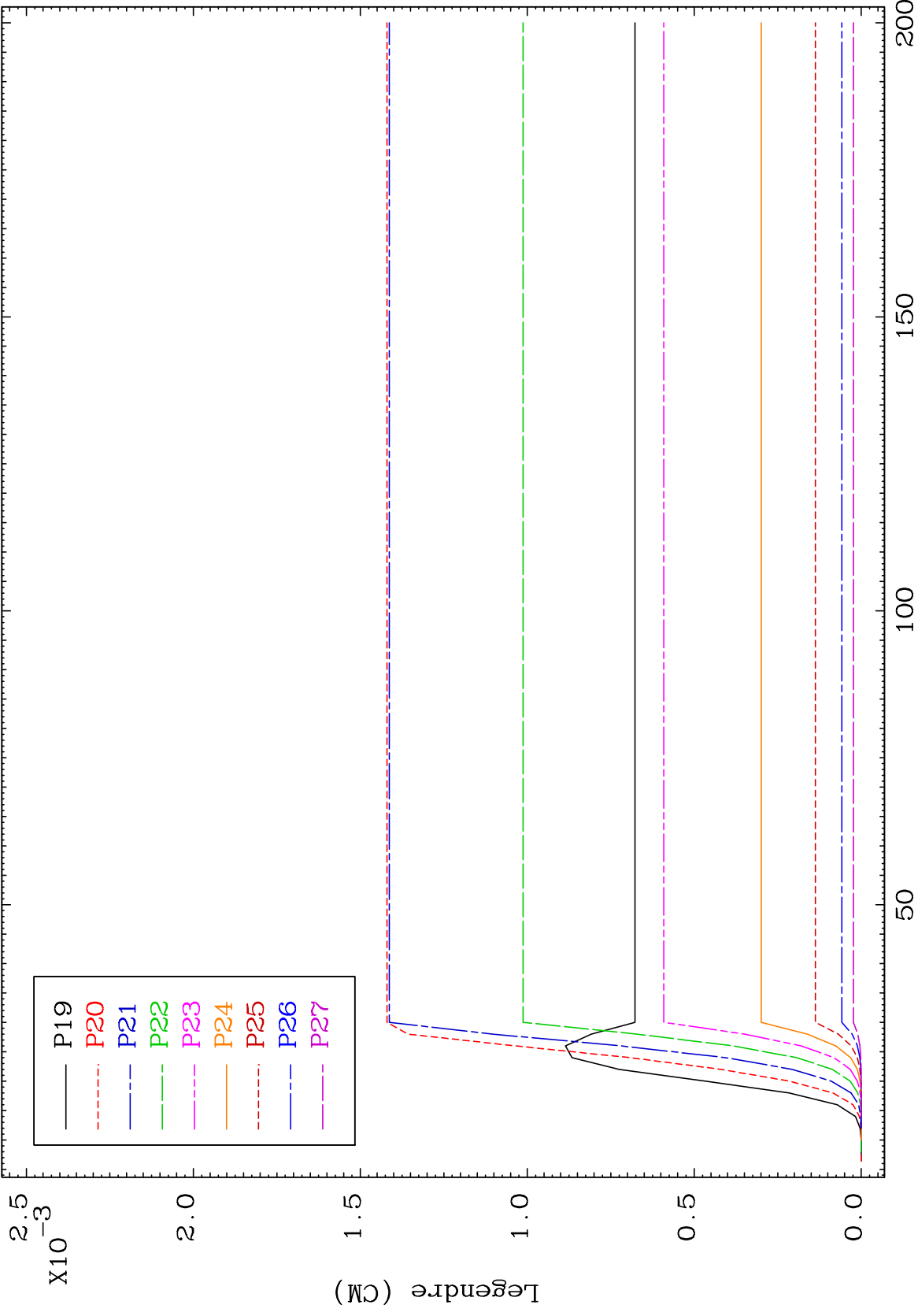
69-Tm-161



MAT 6901

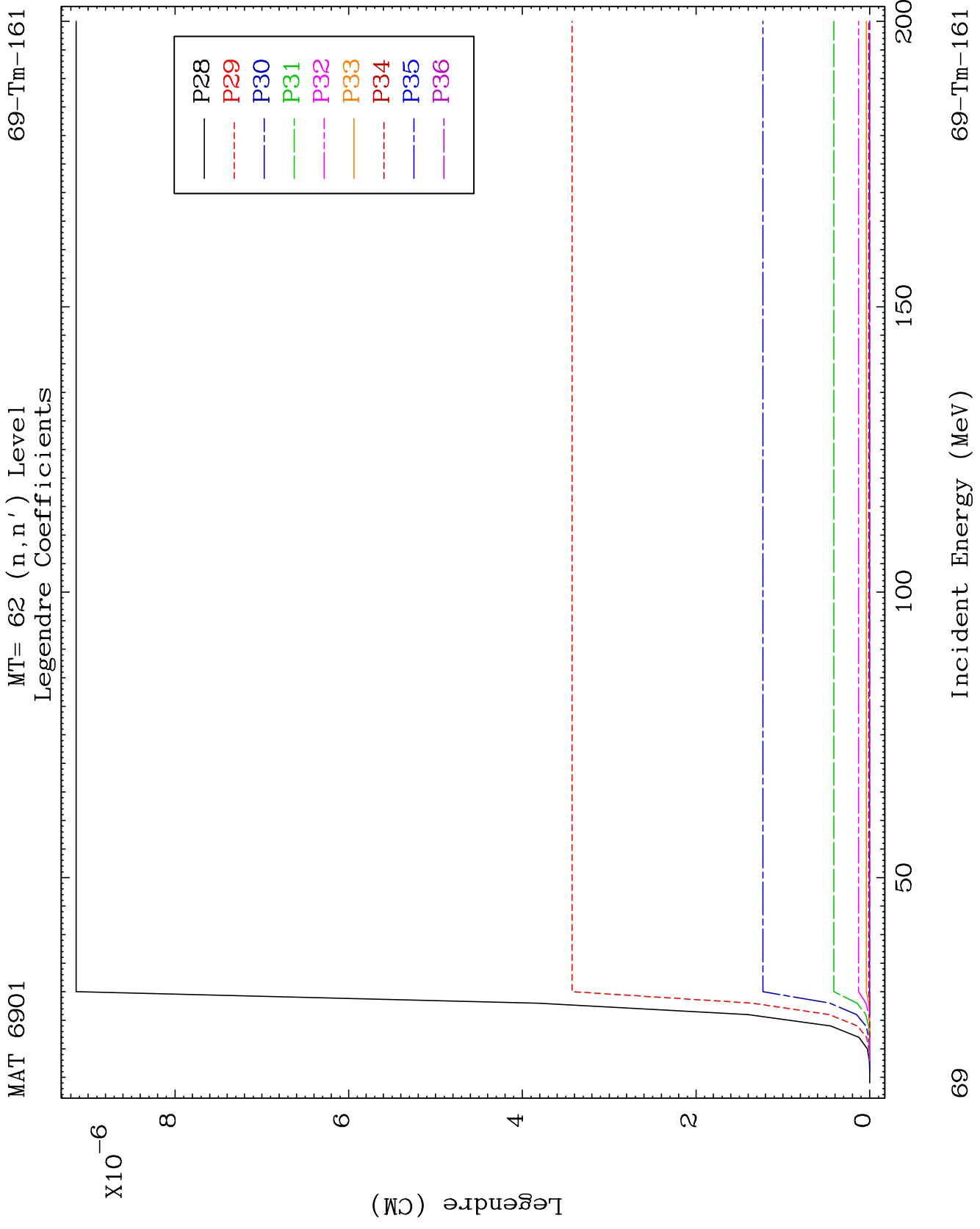
MT= 62 (n,n') Level  
Legendre Coefficients

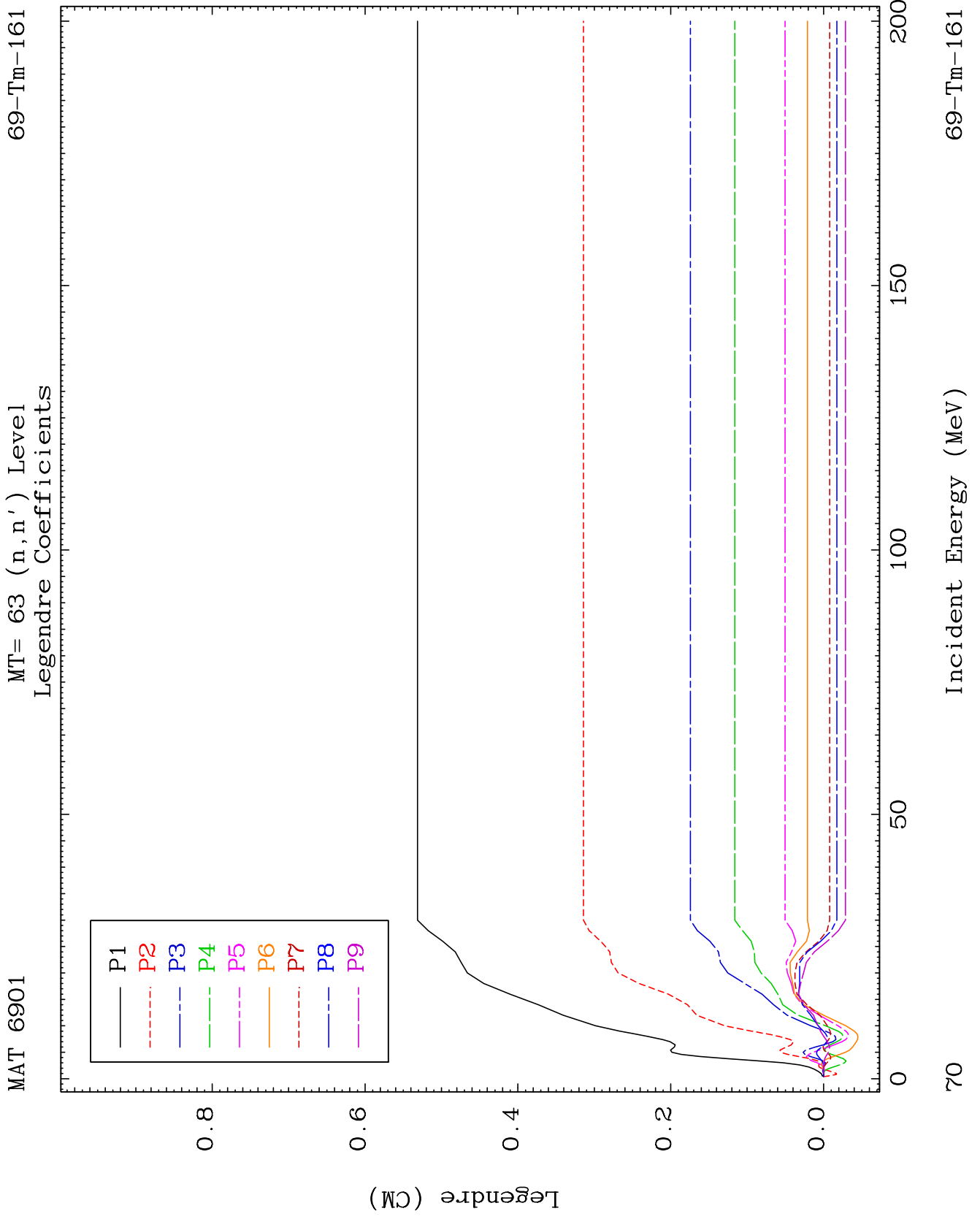
69-Tm-161



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69-Tm-161

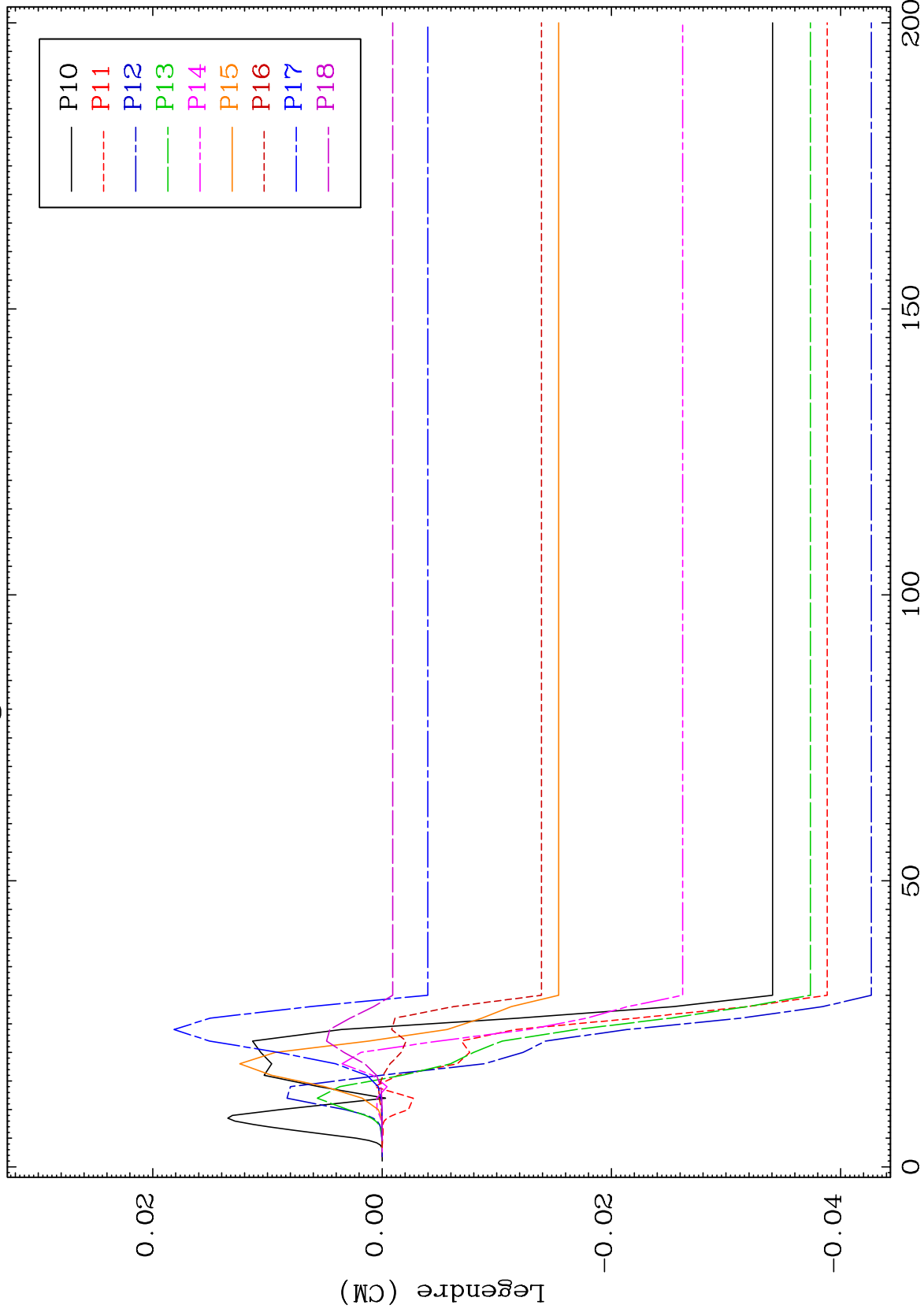




MAT 6901

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

69-Tm-161



71

Incident Energy (MeV)

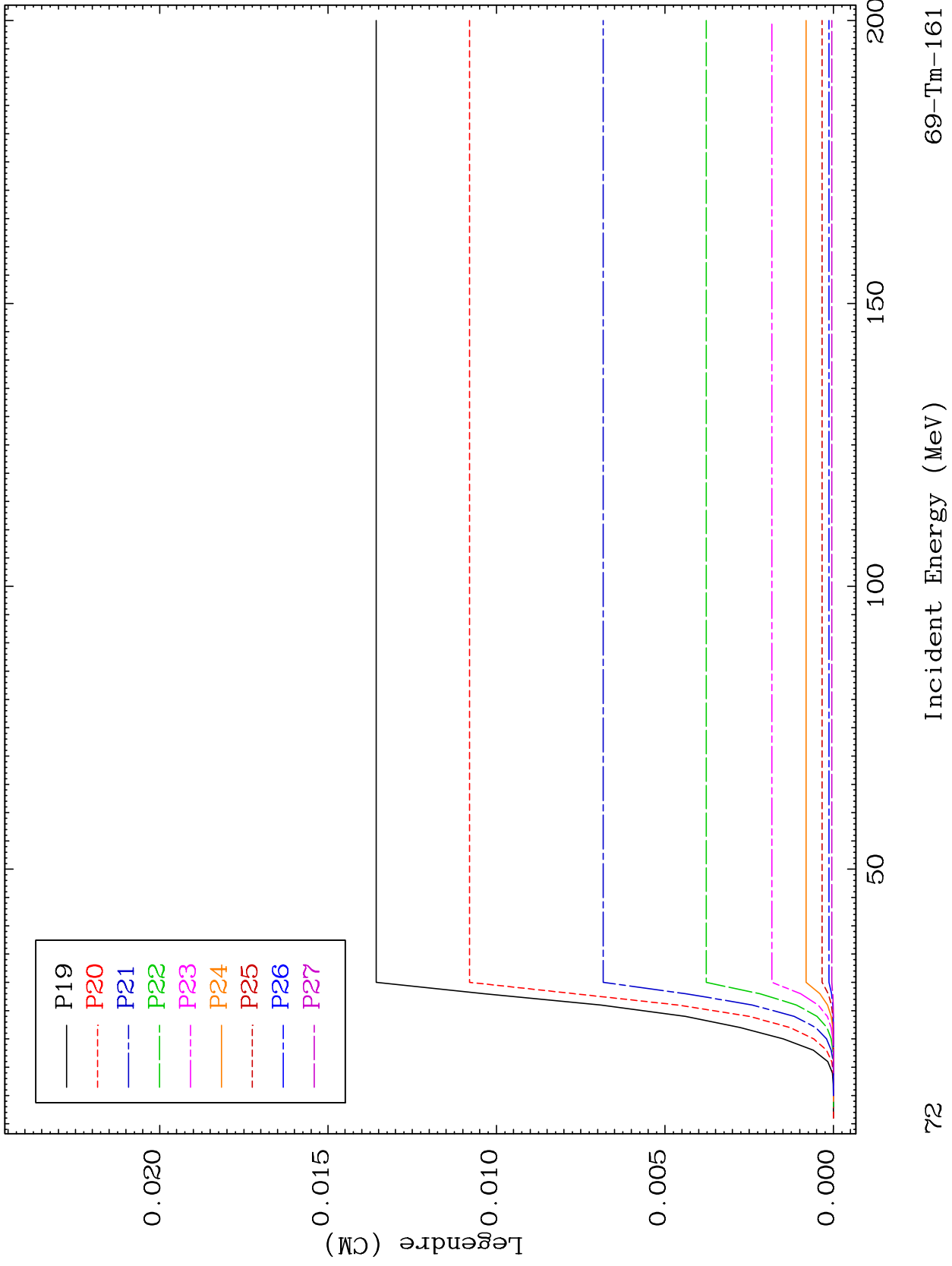
69-Tm-161



MAT 6901

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

69-Tm-161



72

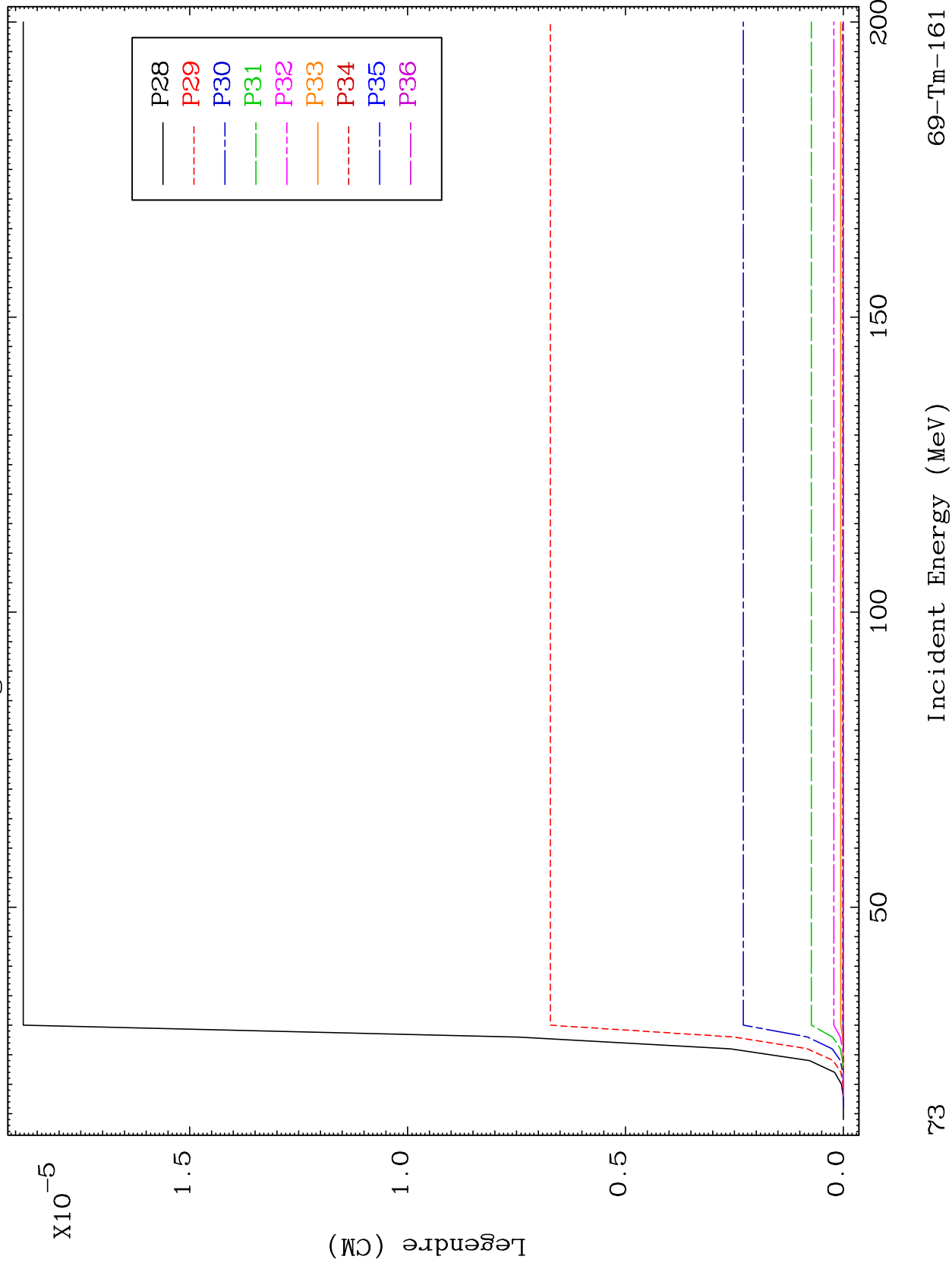
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

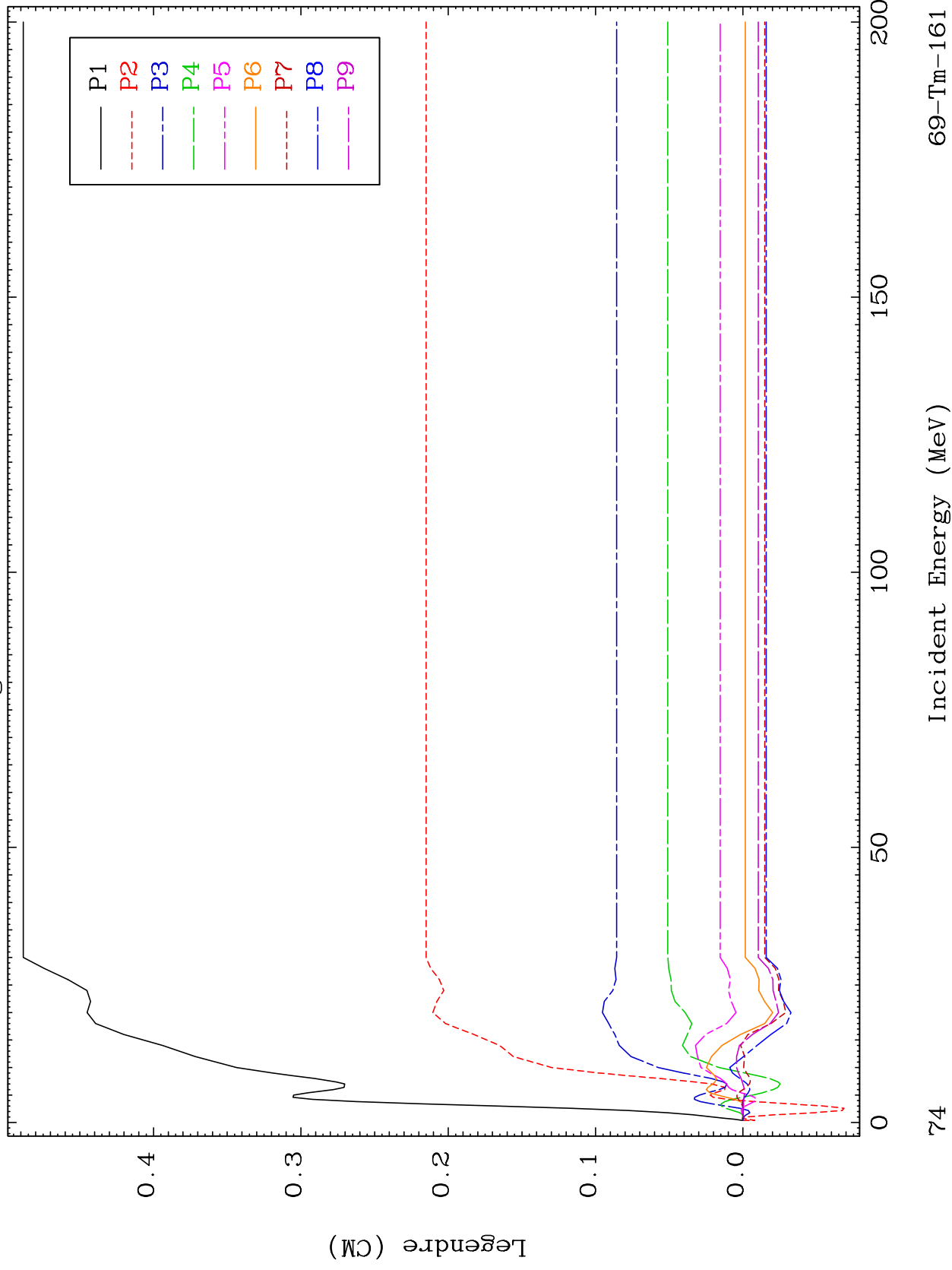
69-Tm-161



MAT 6901

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

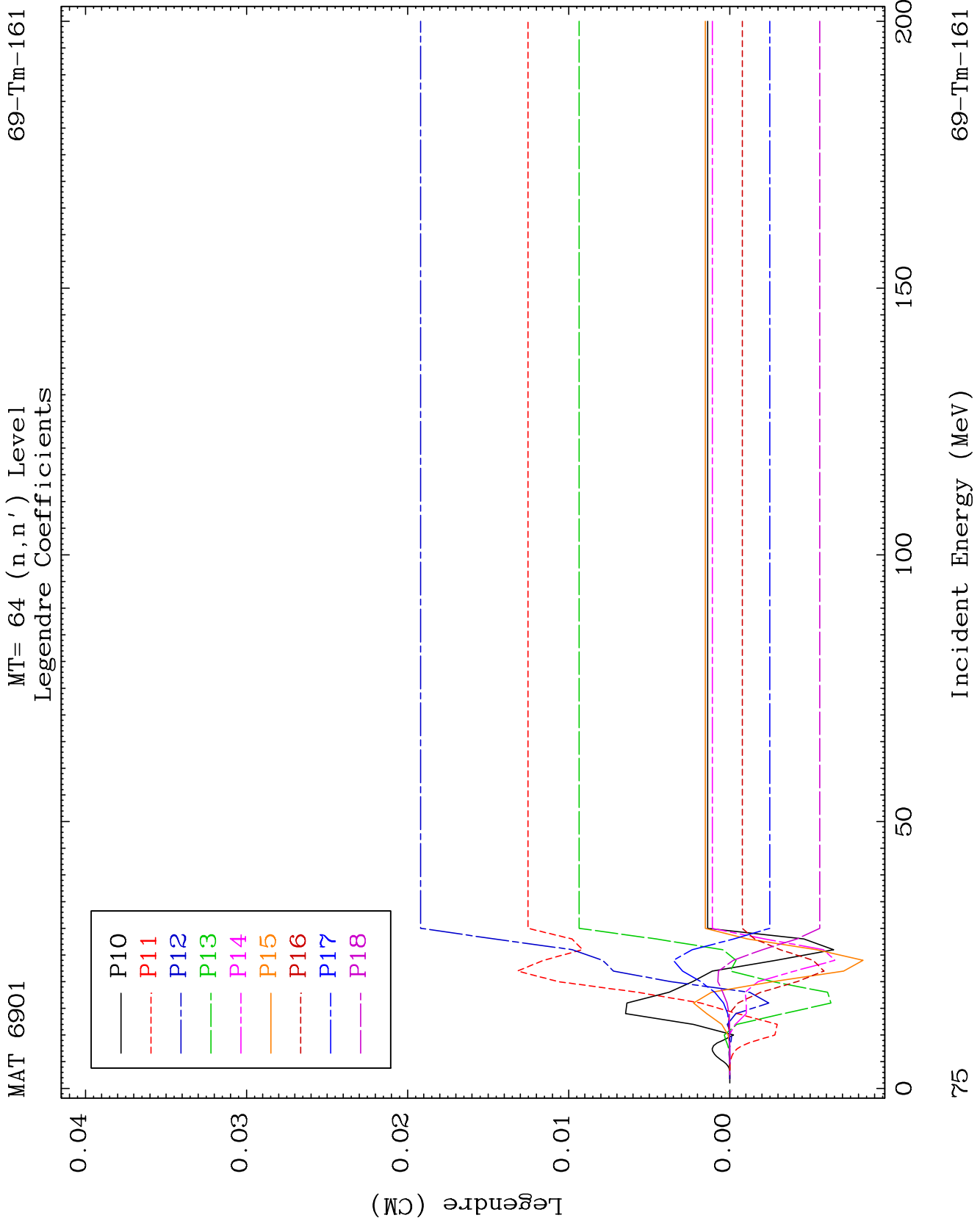
69-Tm-161



74

Incident Energy (MeV)

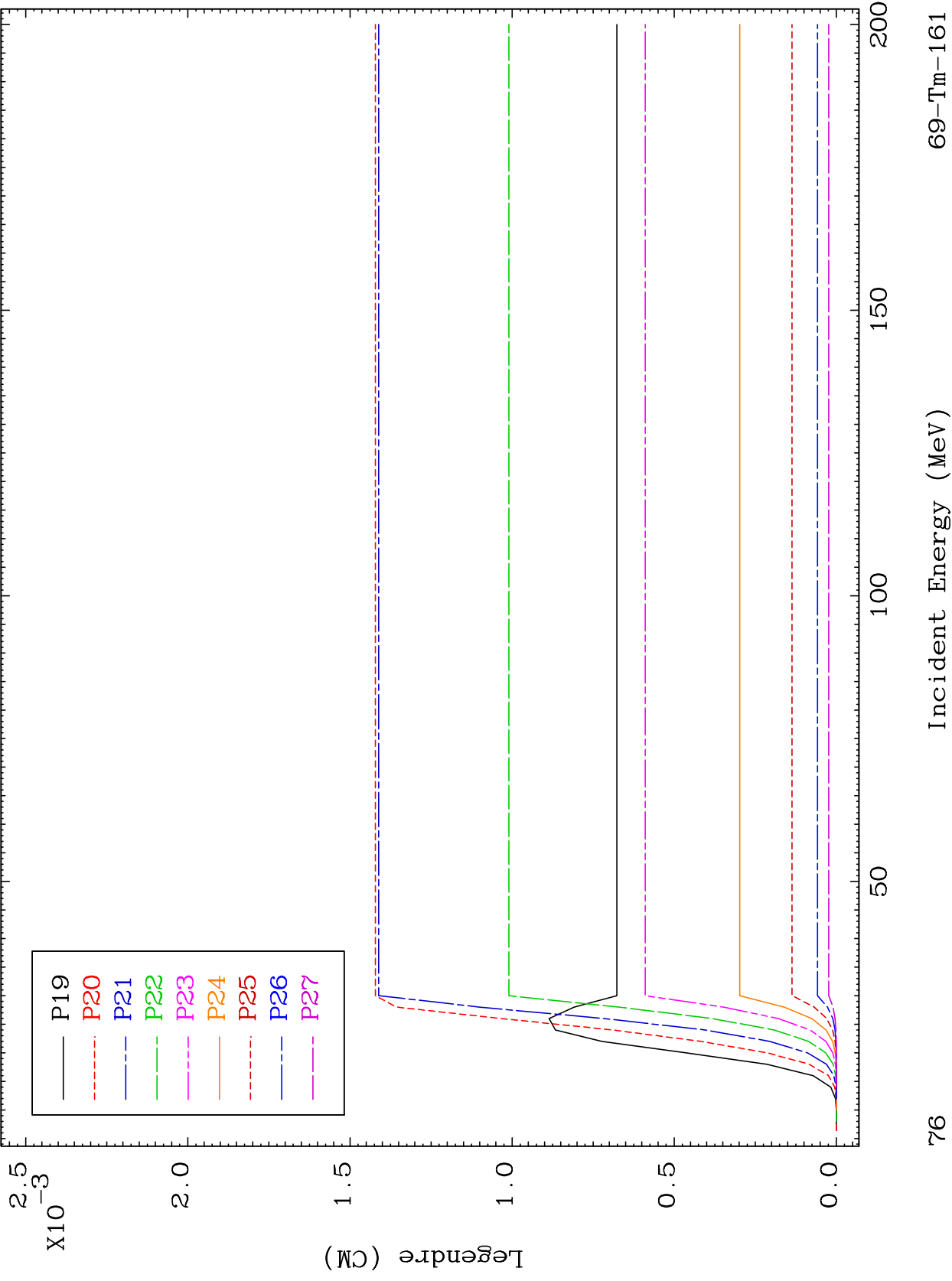
69-Tm-161



MAT 6901

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

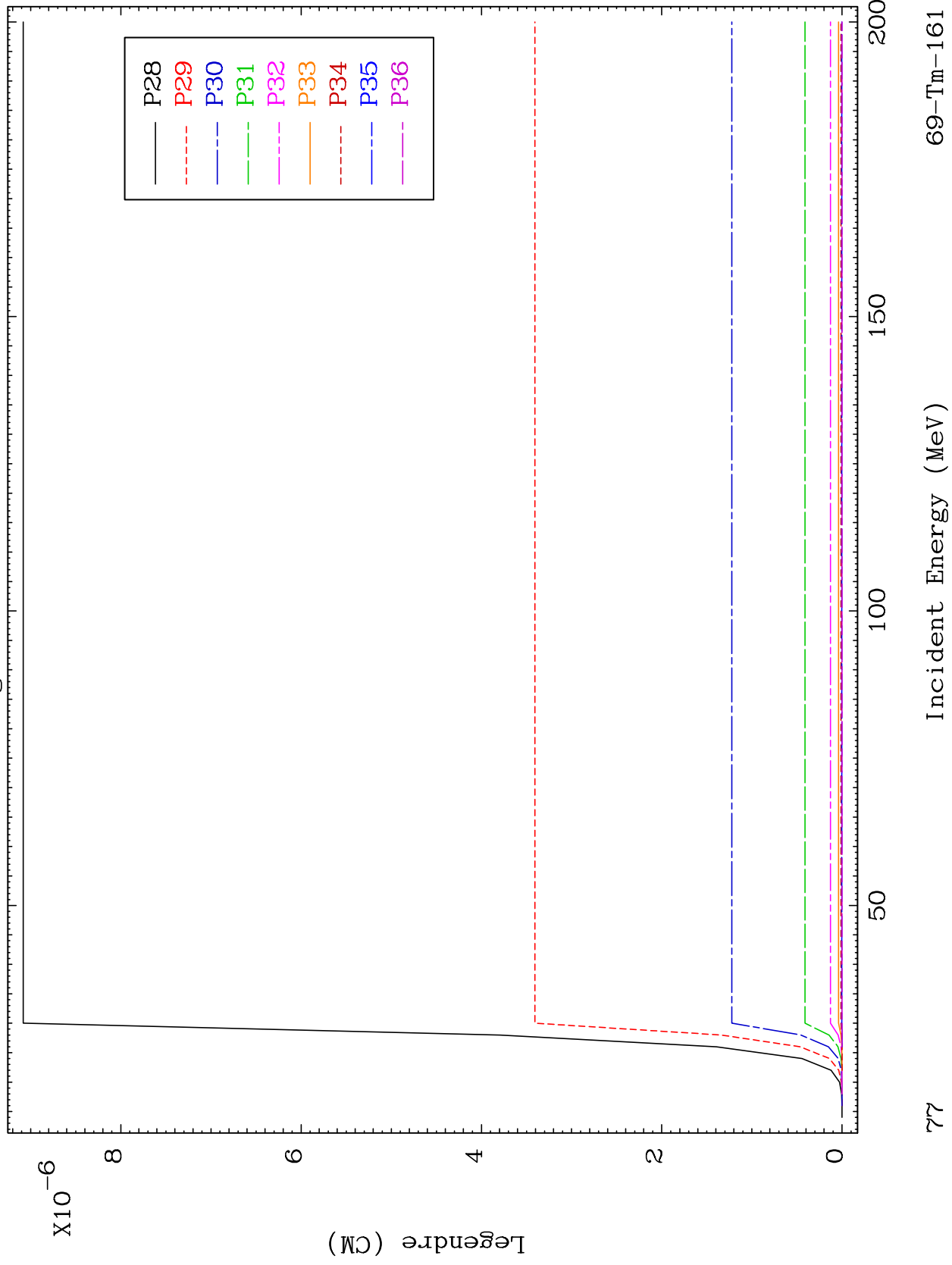
69-Tm-161



MAT 6901

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

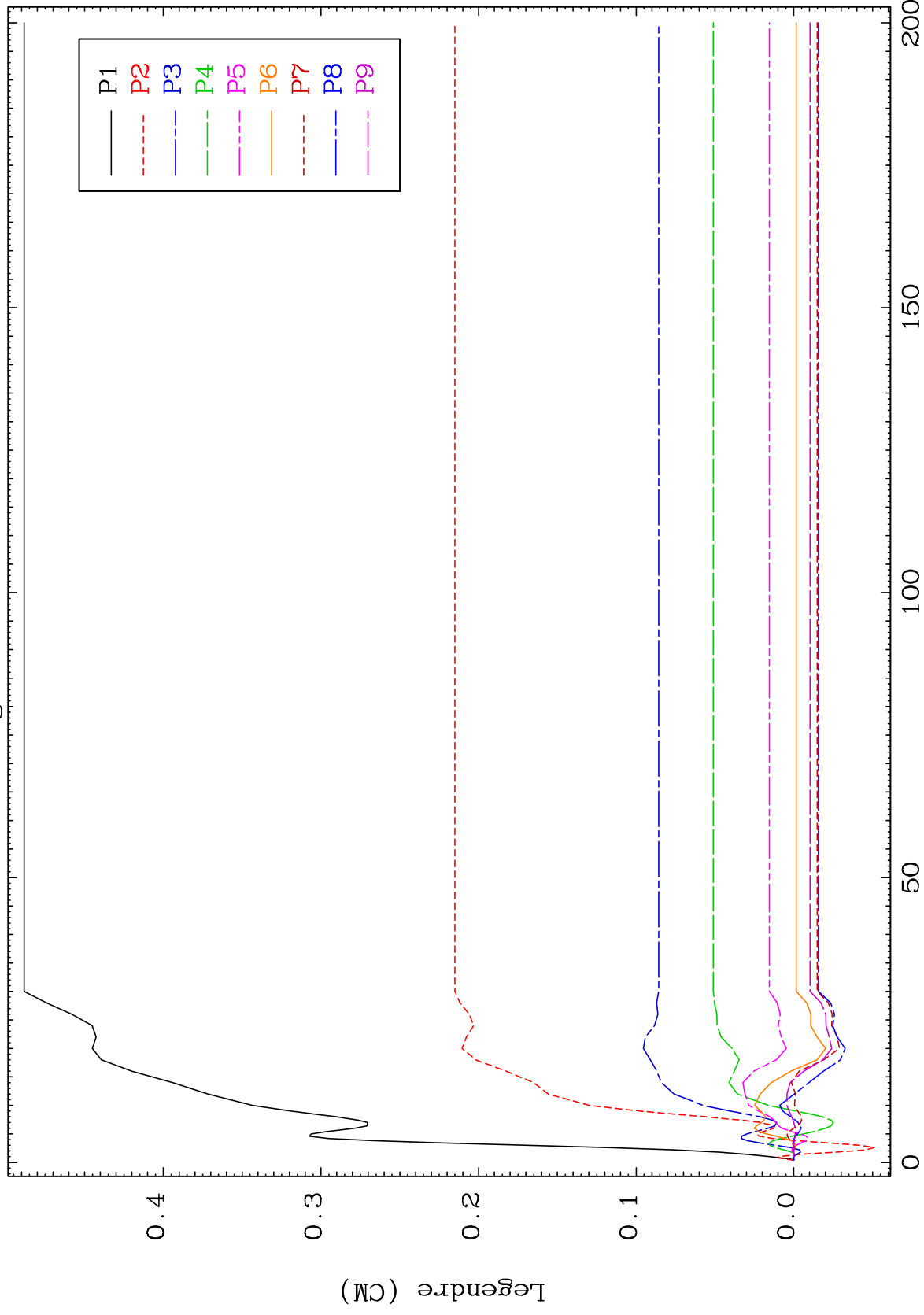
69-Tm-161



MAT 6901

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

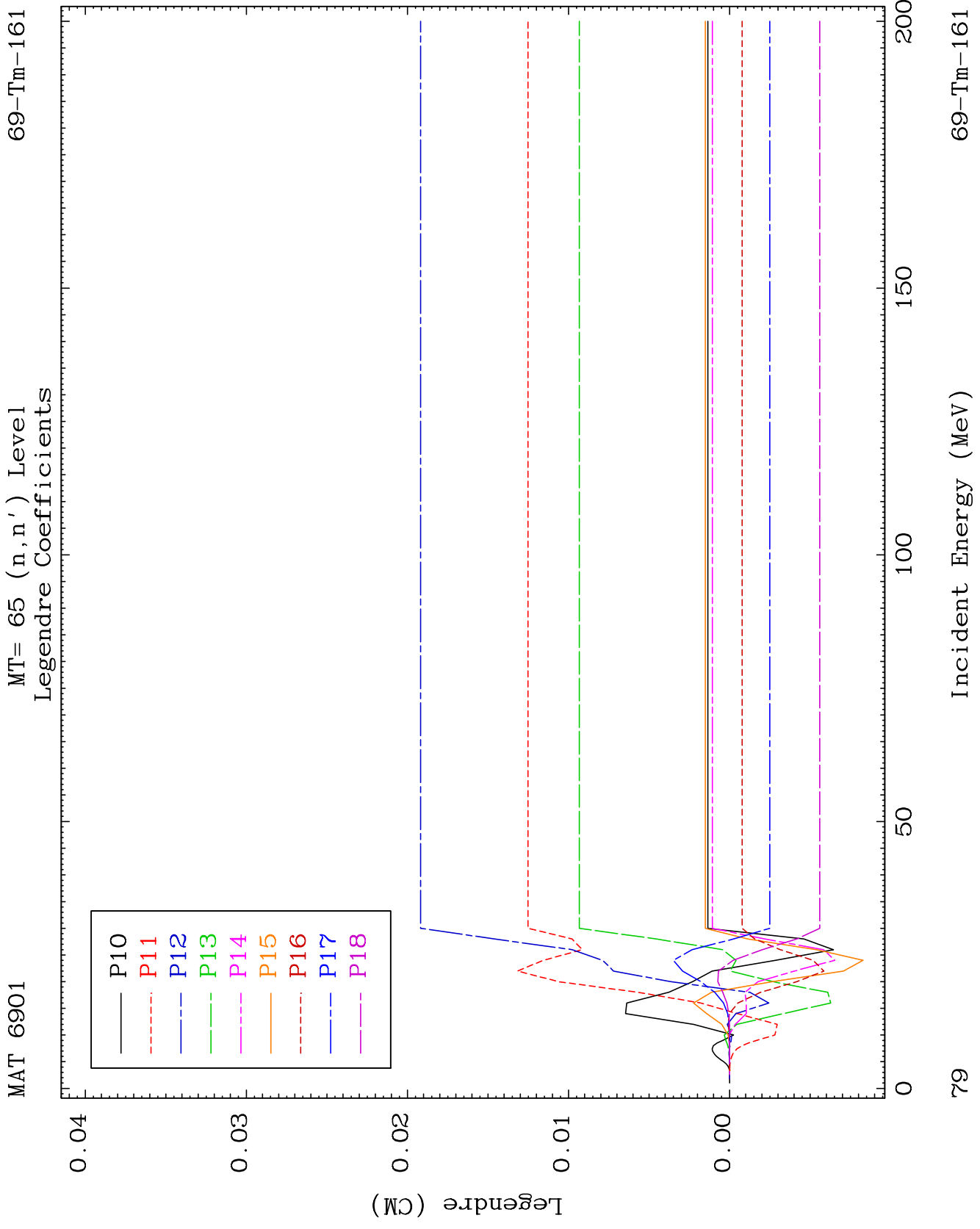
69-Tm-161



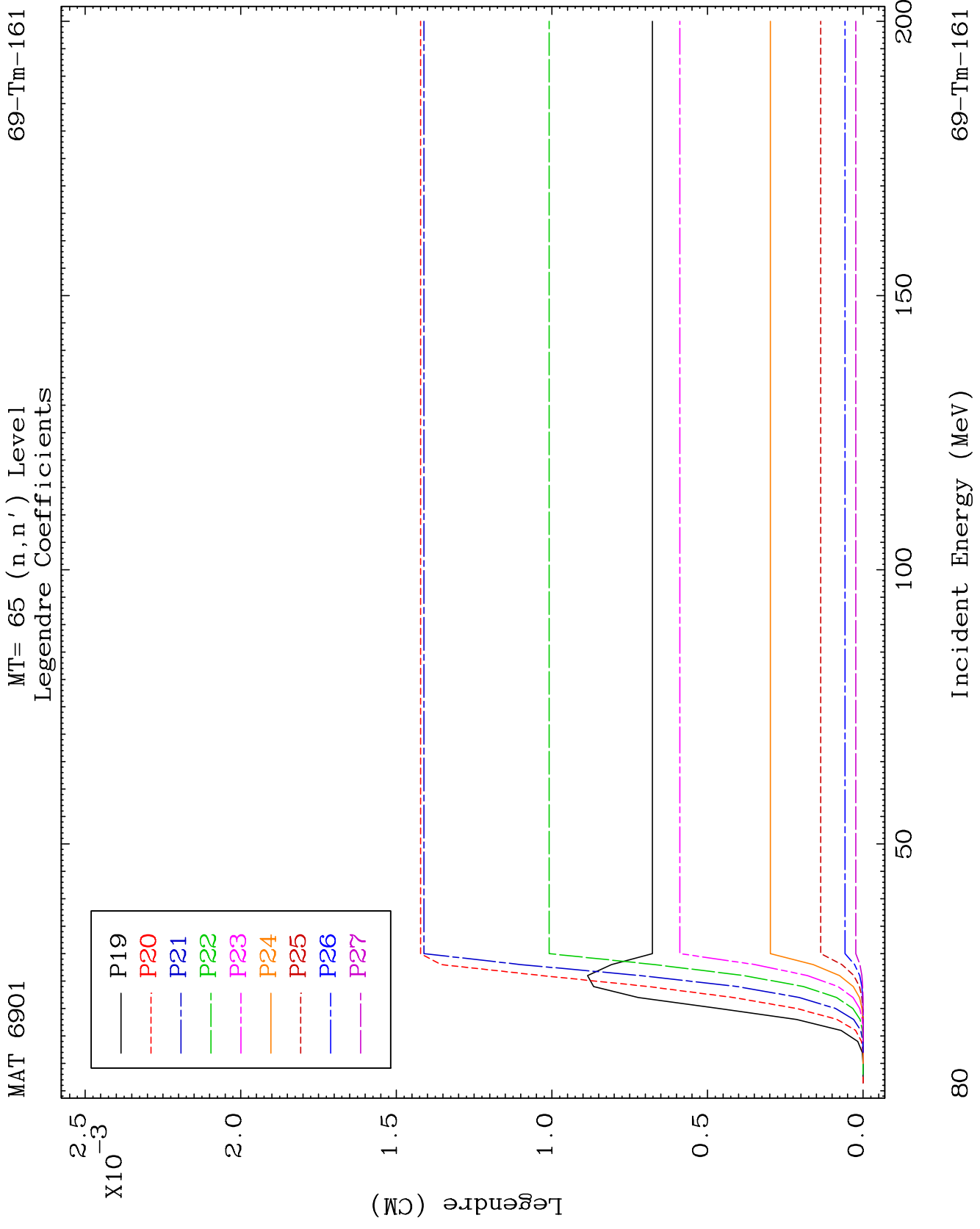
78

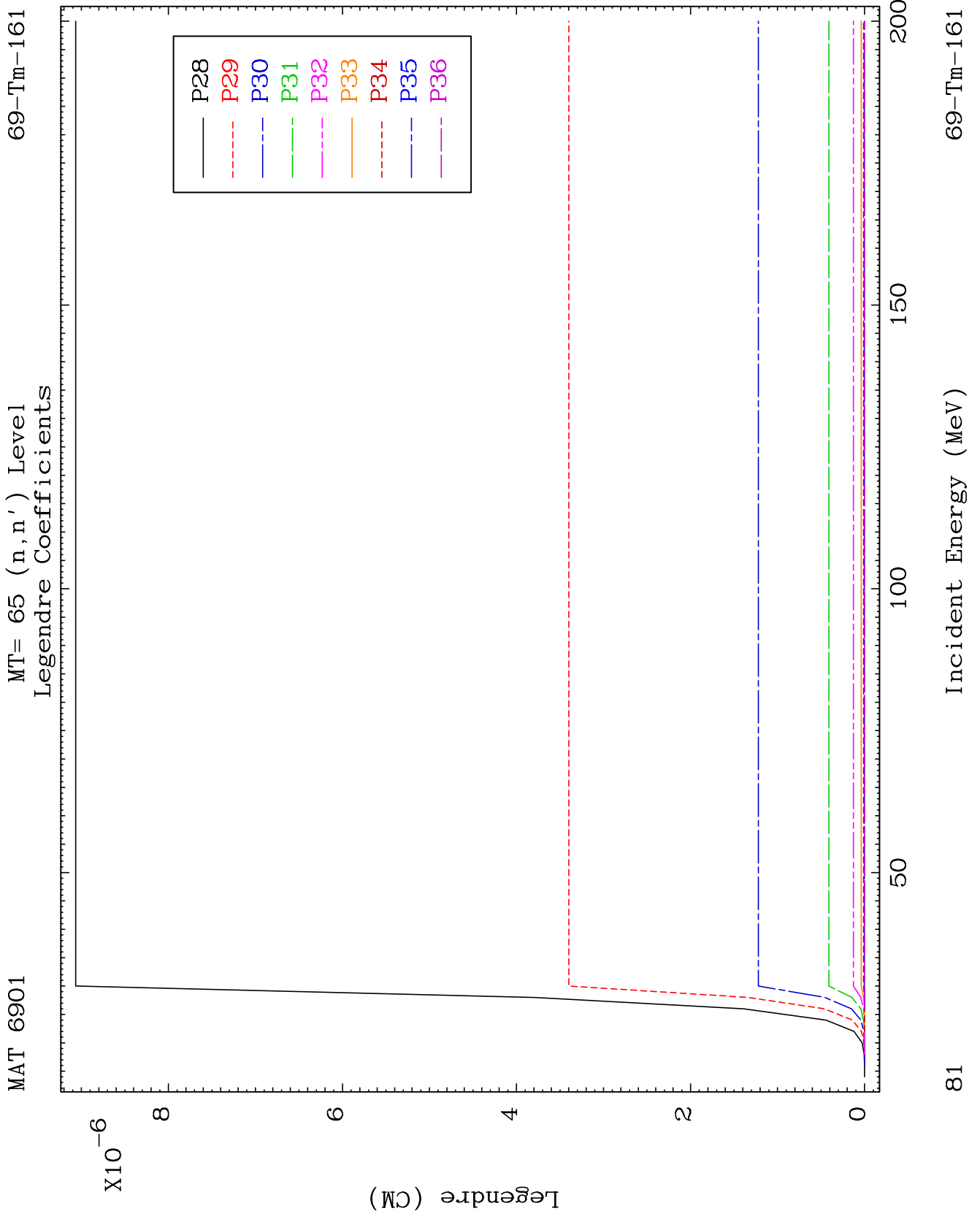
Incident Energy (MeV)

69-Tm-161





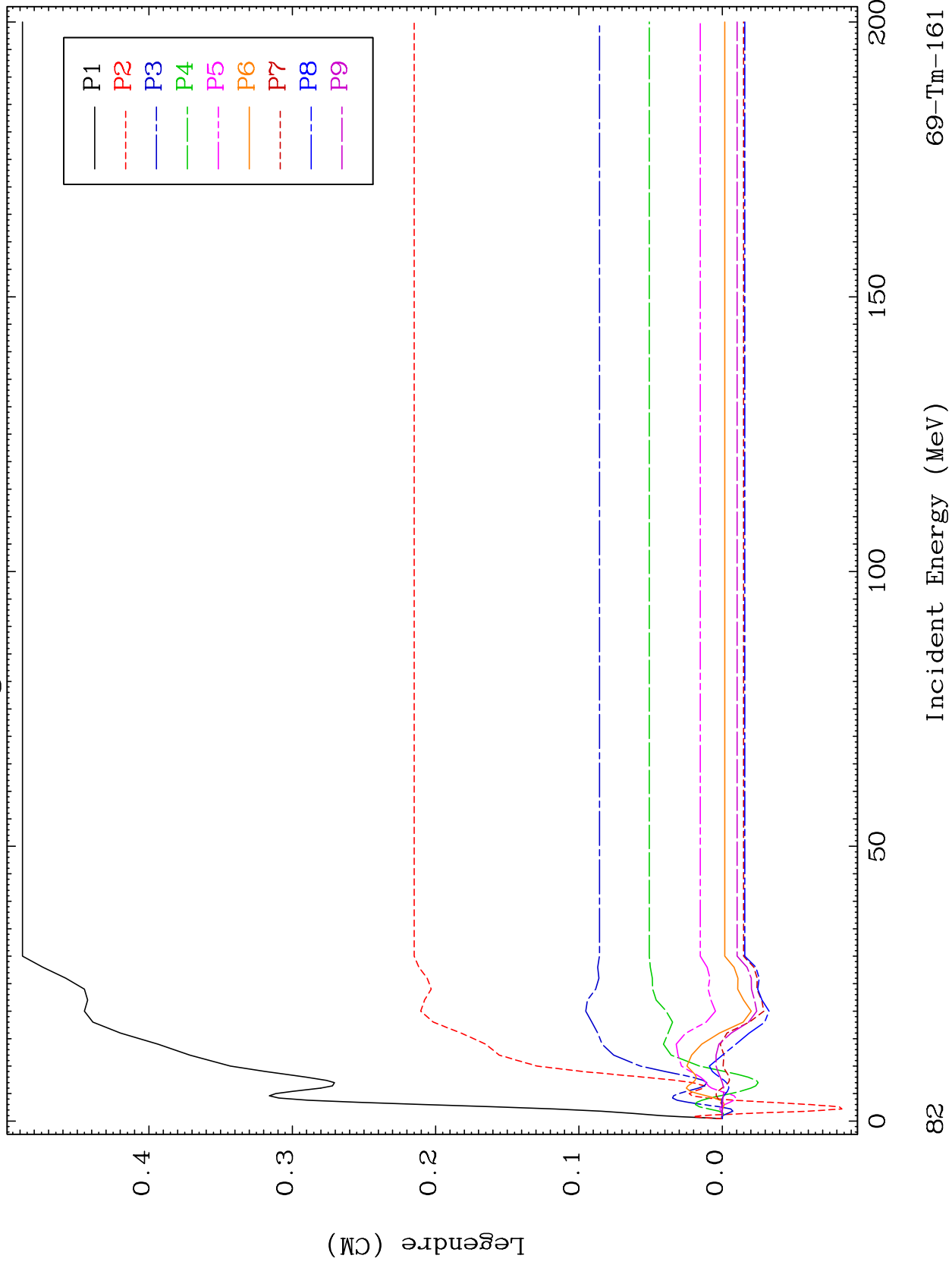




MAT 6901

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

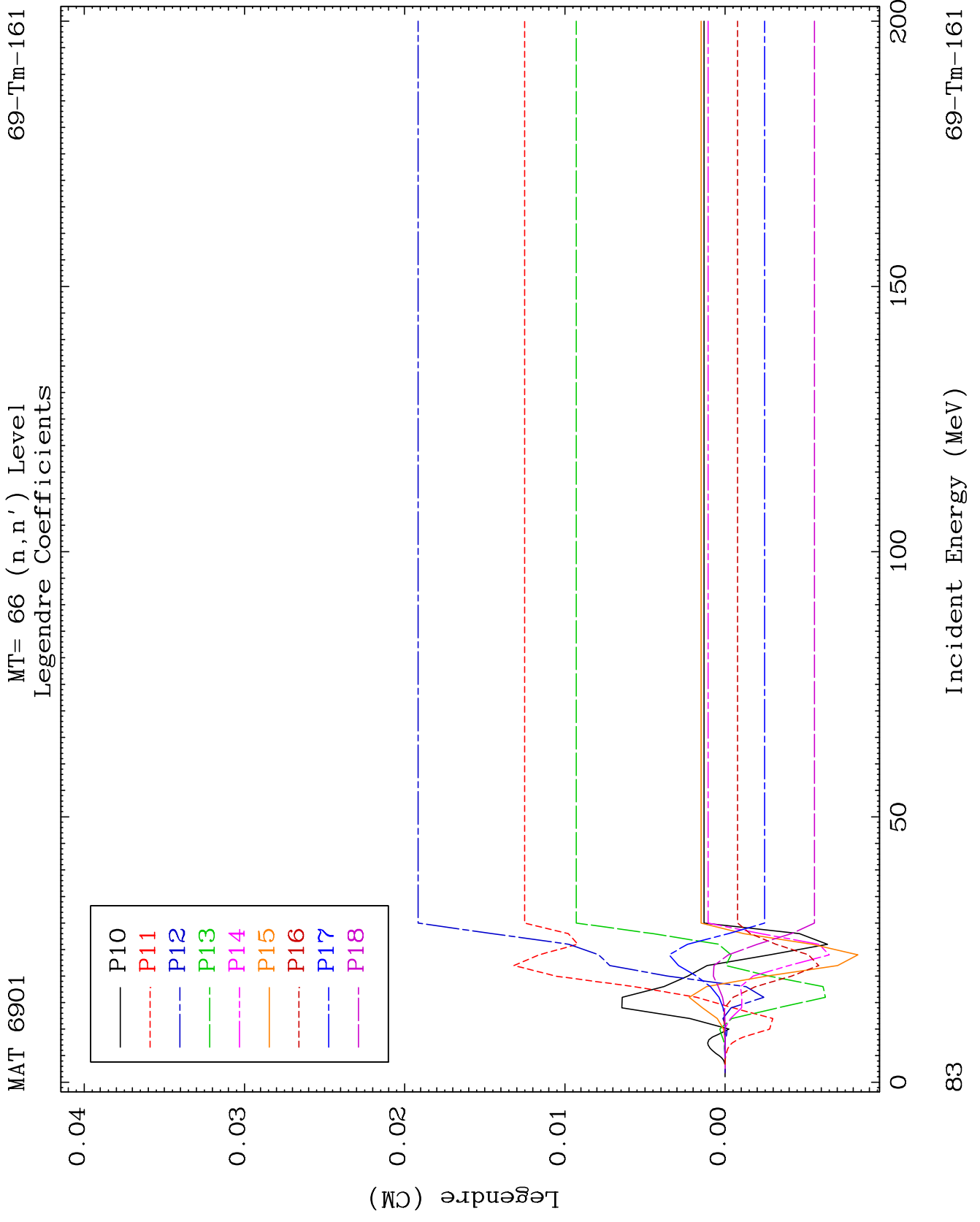
69-Tm-161



69-Tm-161

Incident Energy (MeV)

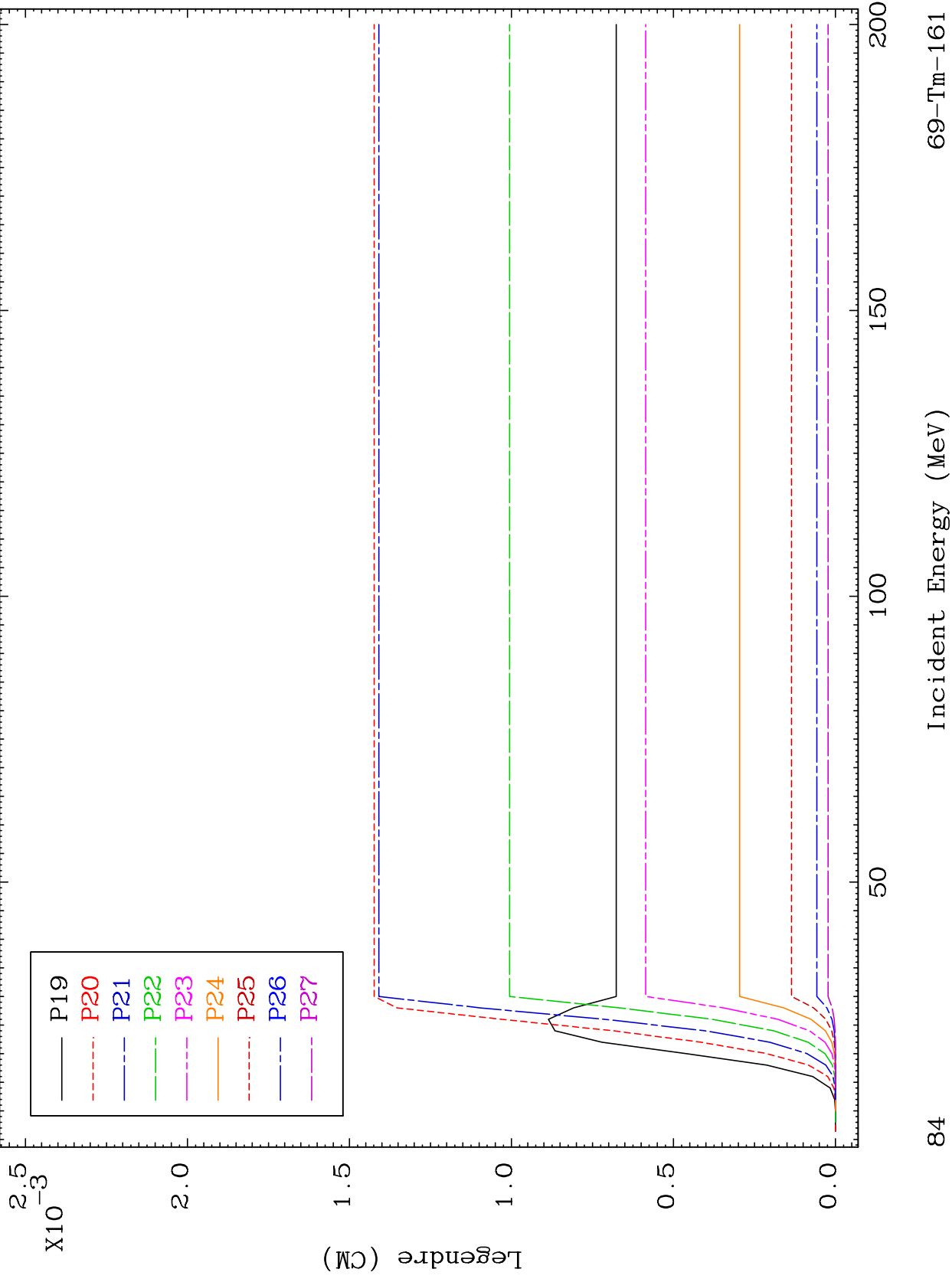
82



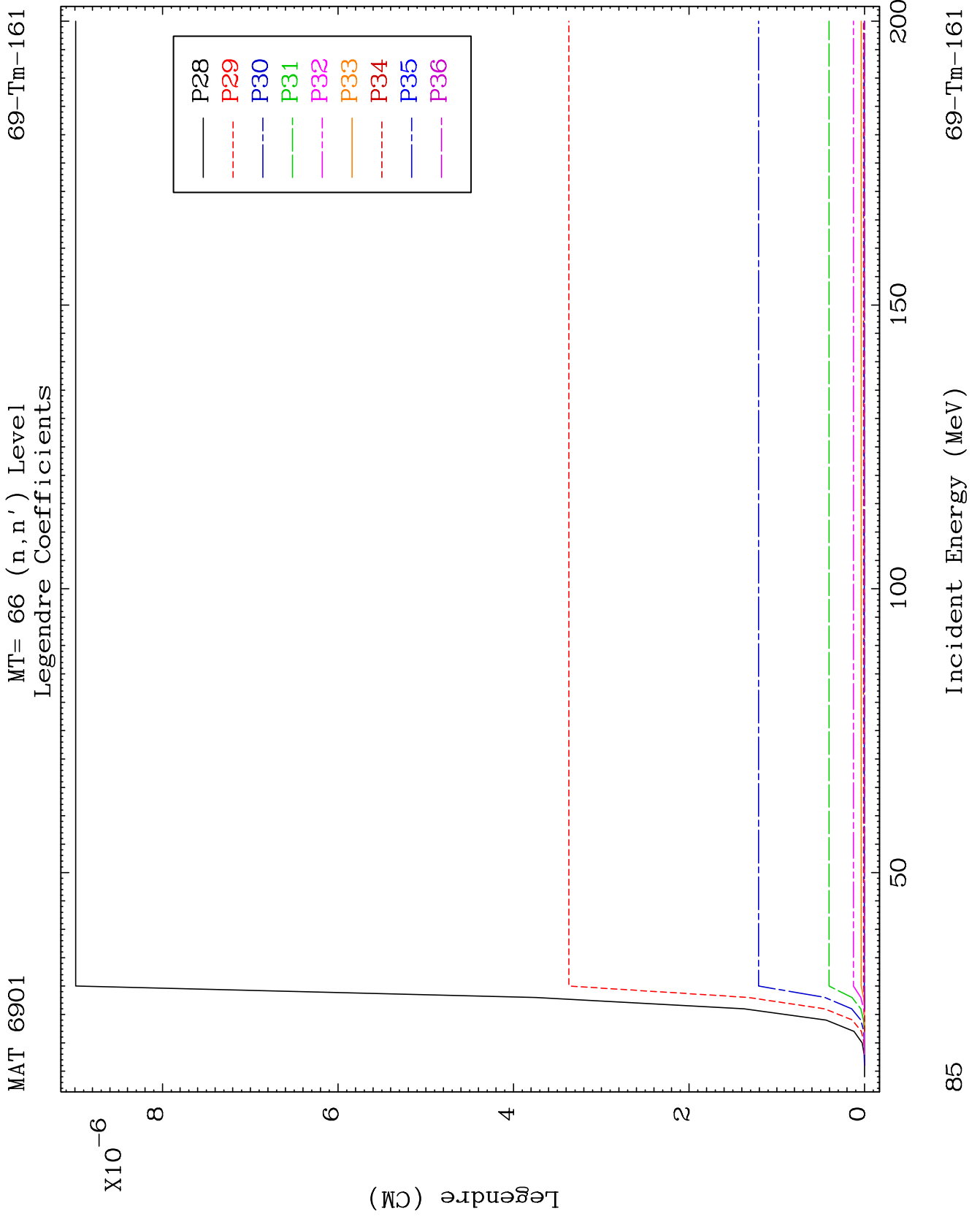
MAT 6901

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

69-Tm-161



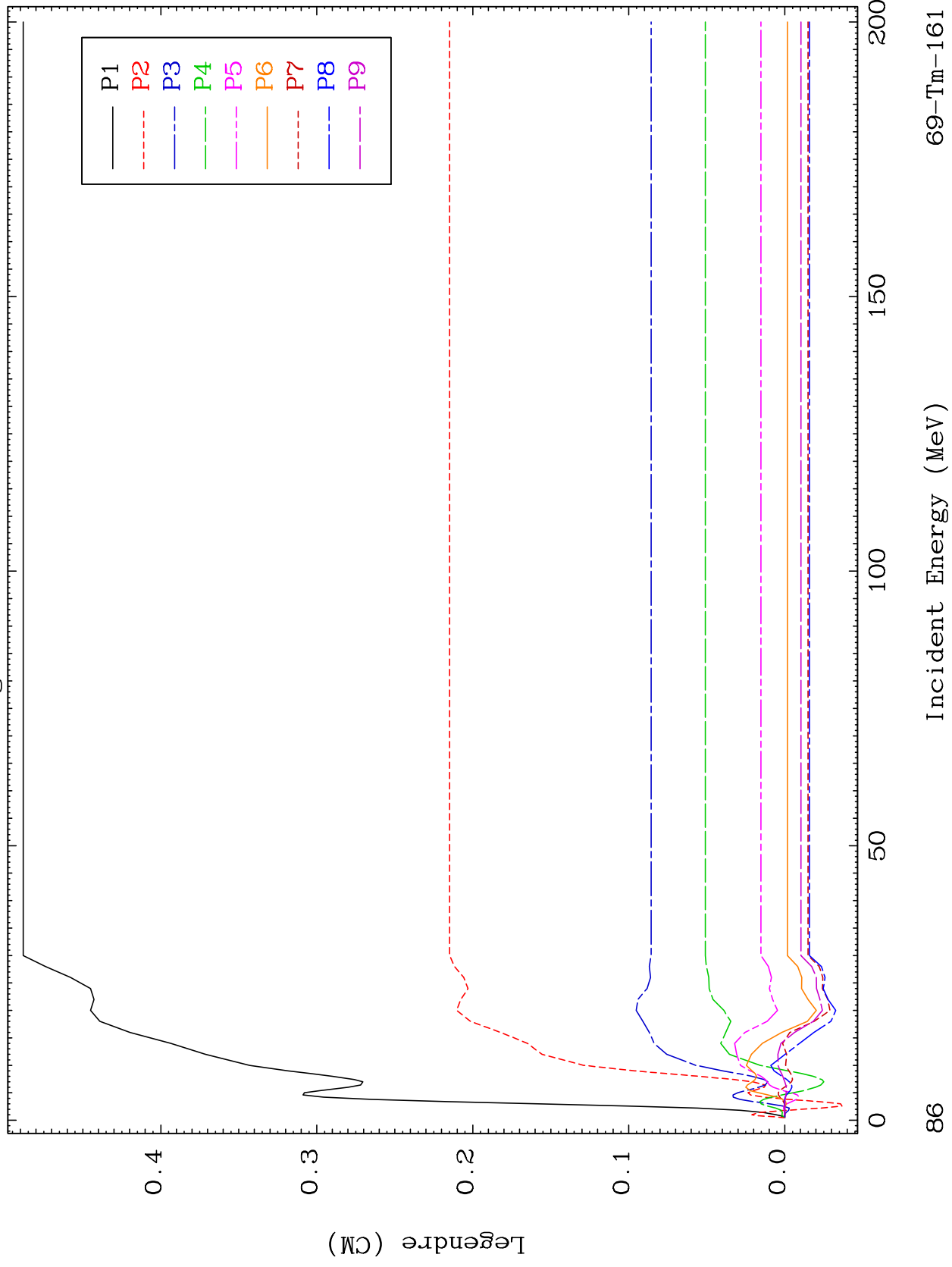
84



MAT 6901

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

69-Tm-161



86

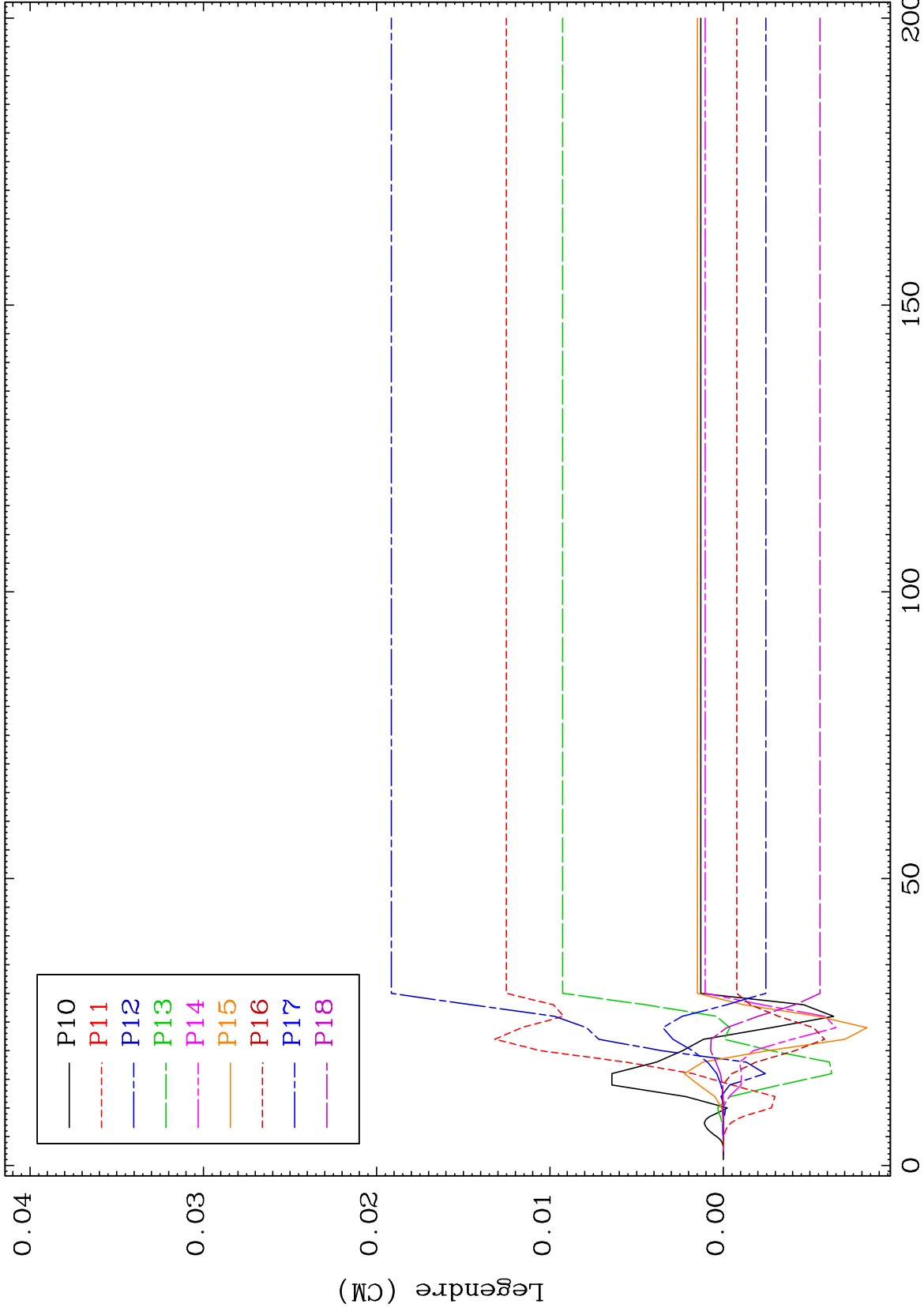
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

69-Tm-161

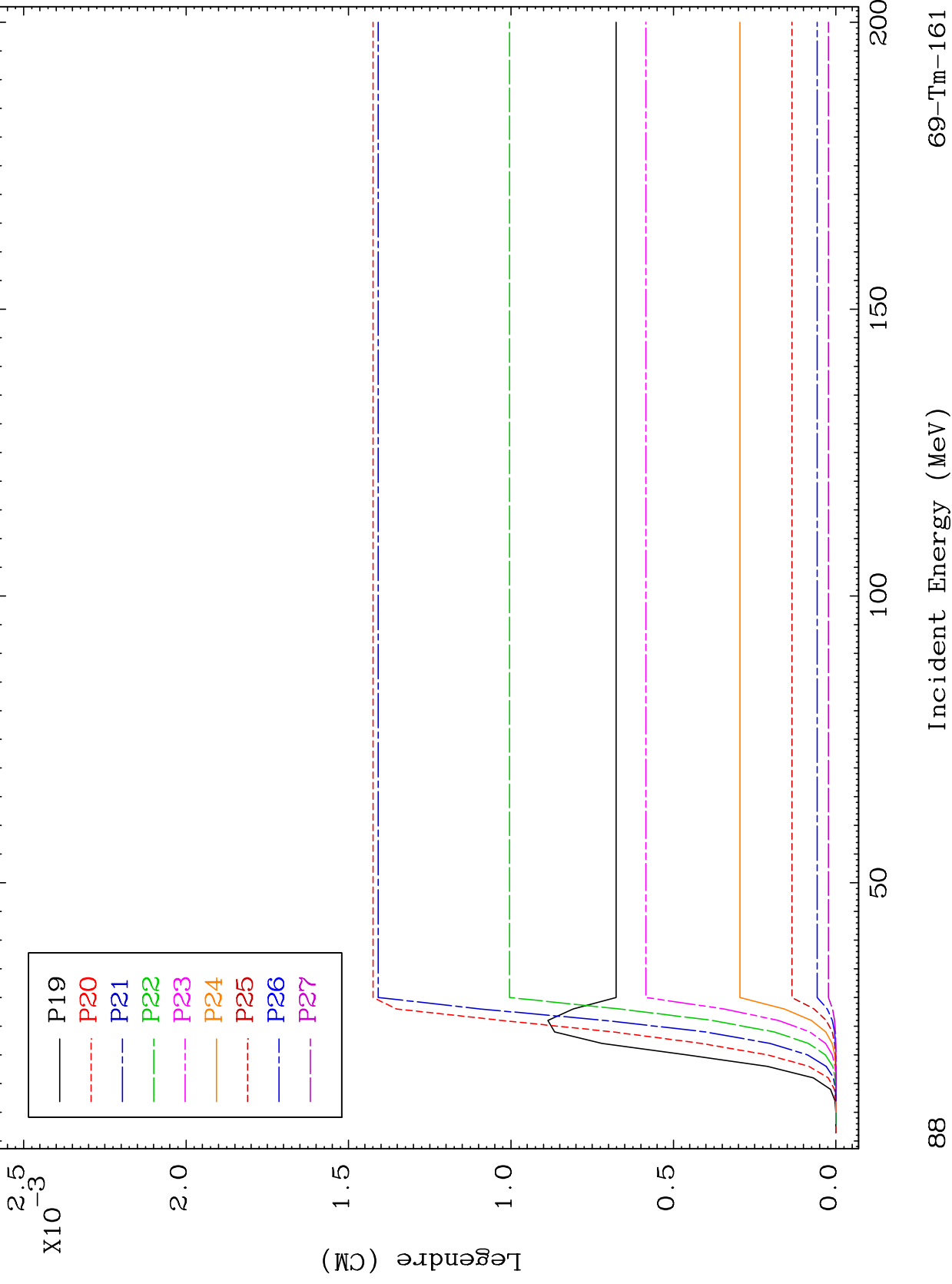


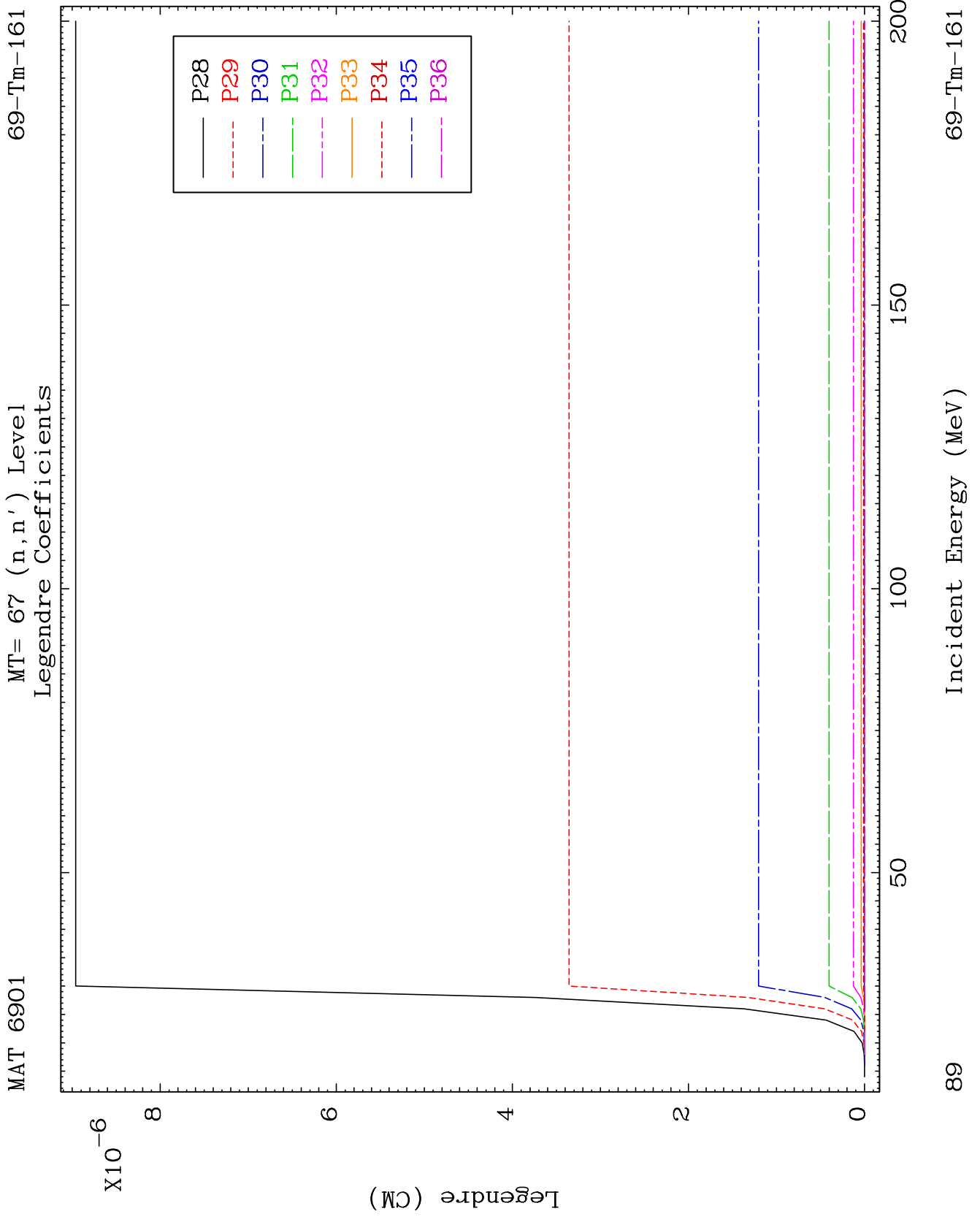
87

Incident Energy (MeV)

69-Tm-161



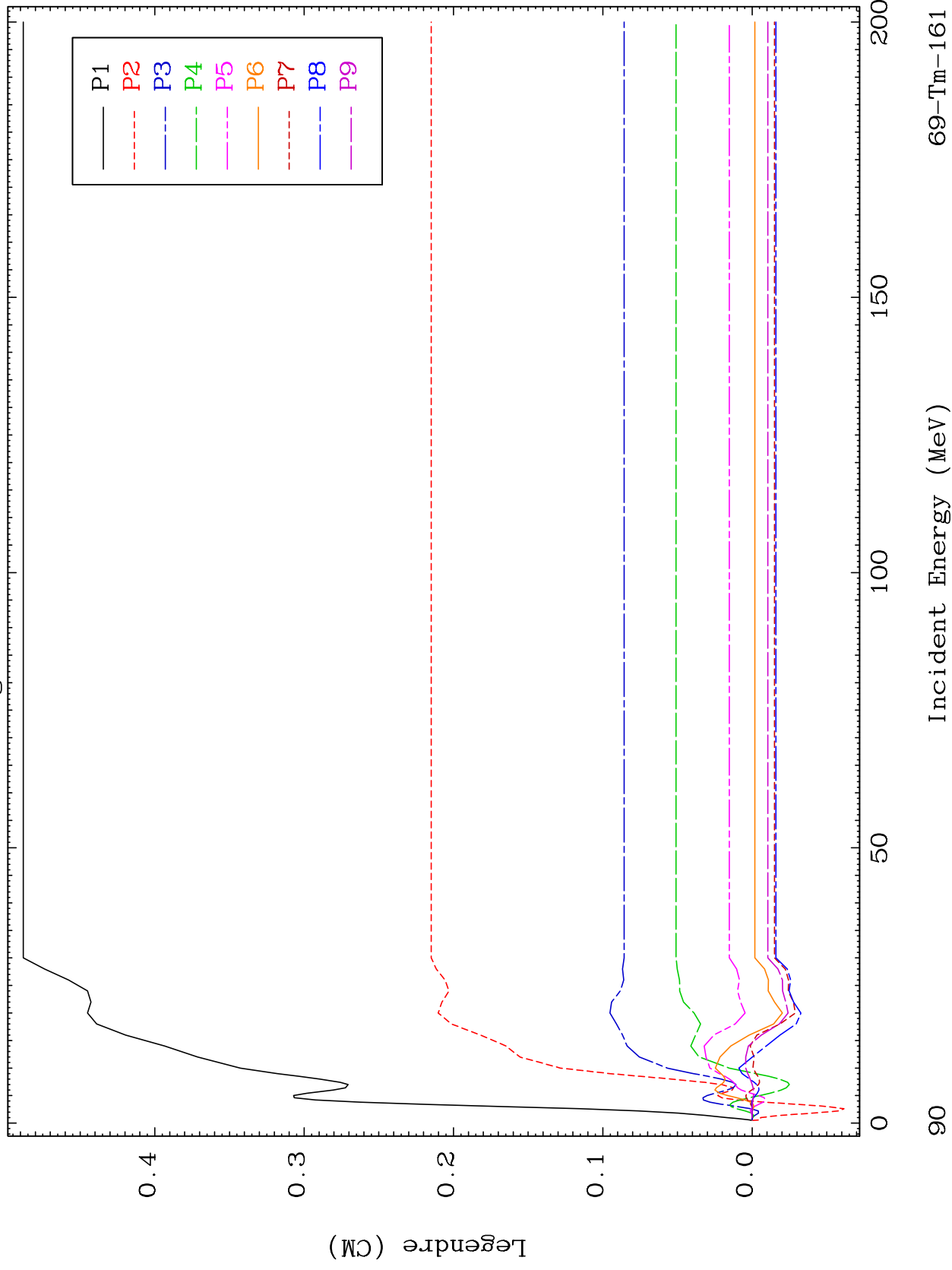




MAT 6901

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

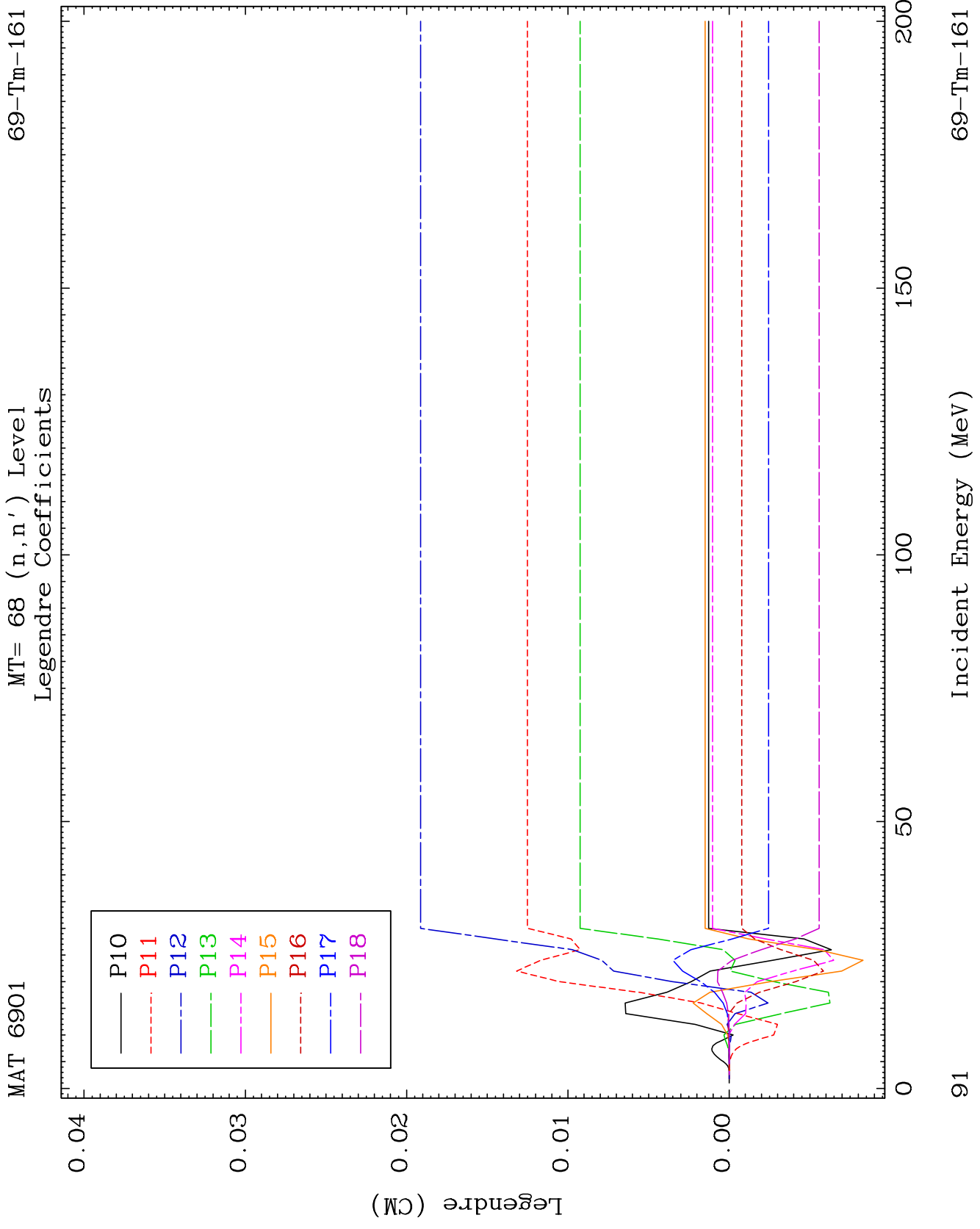
69-Tm-161



69-Tm-161

Incident Energy (MeV)

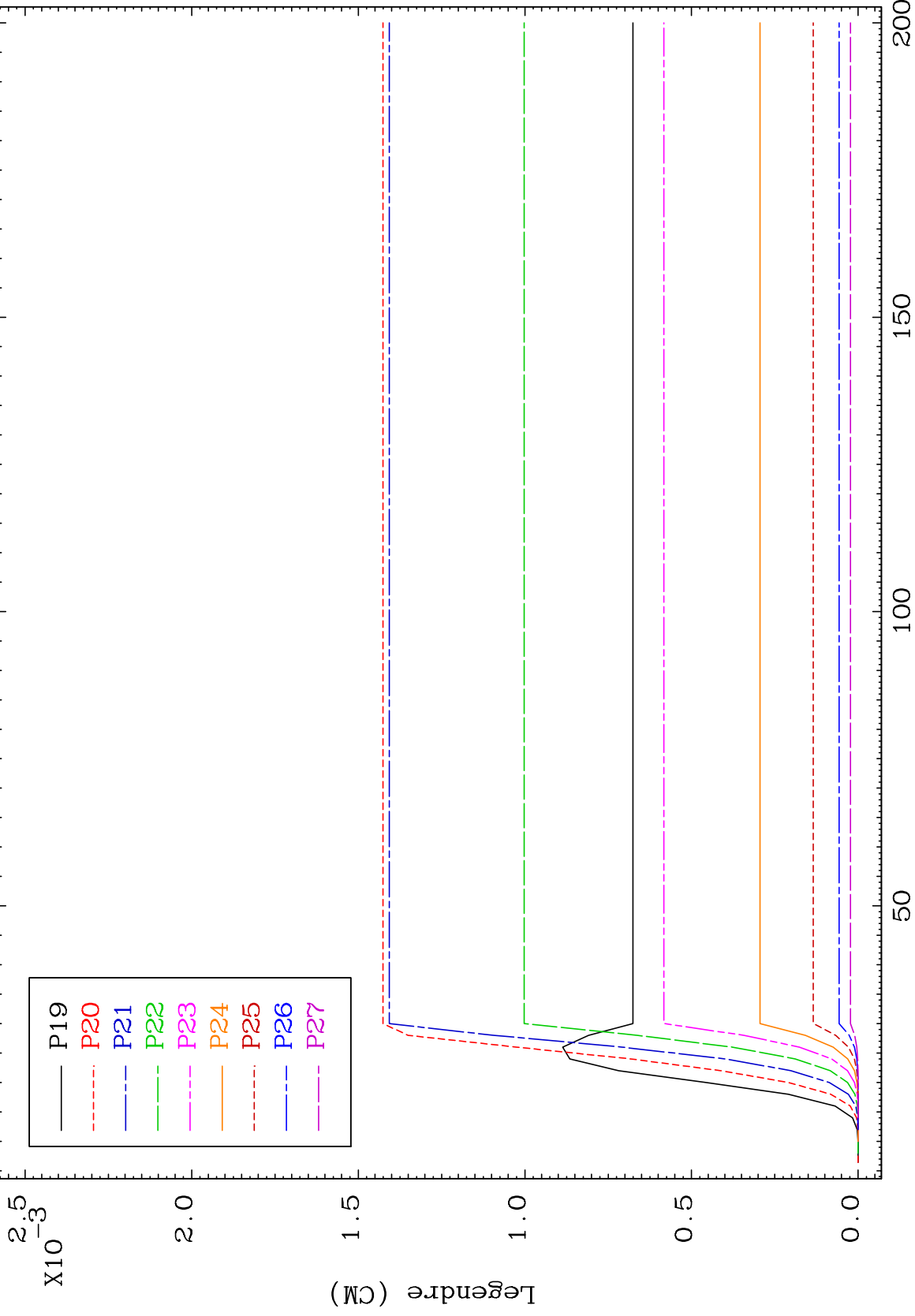
90



MAT 6901

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

69-Tm-161



92

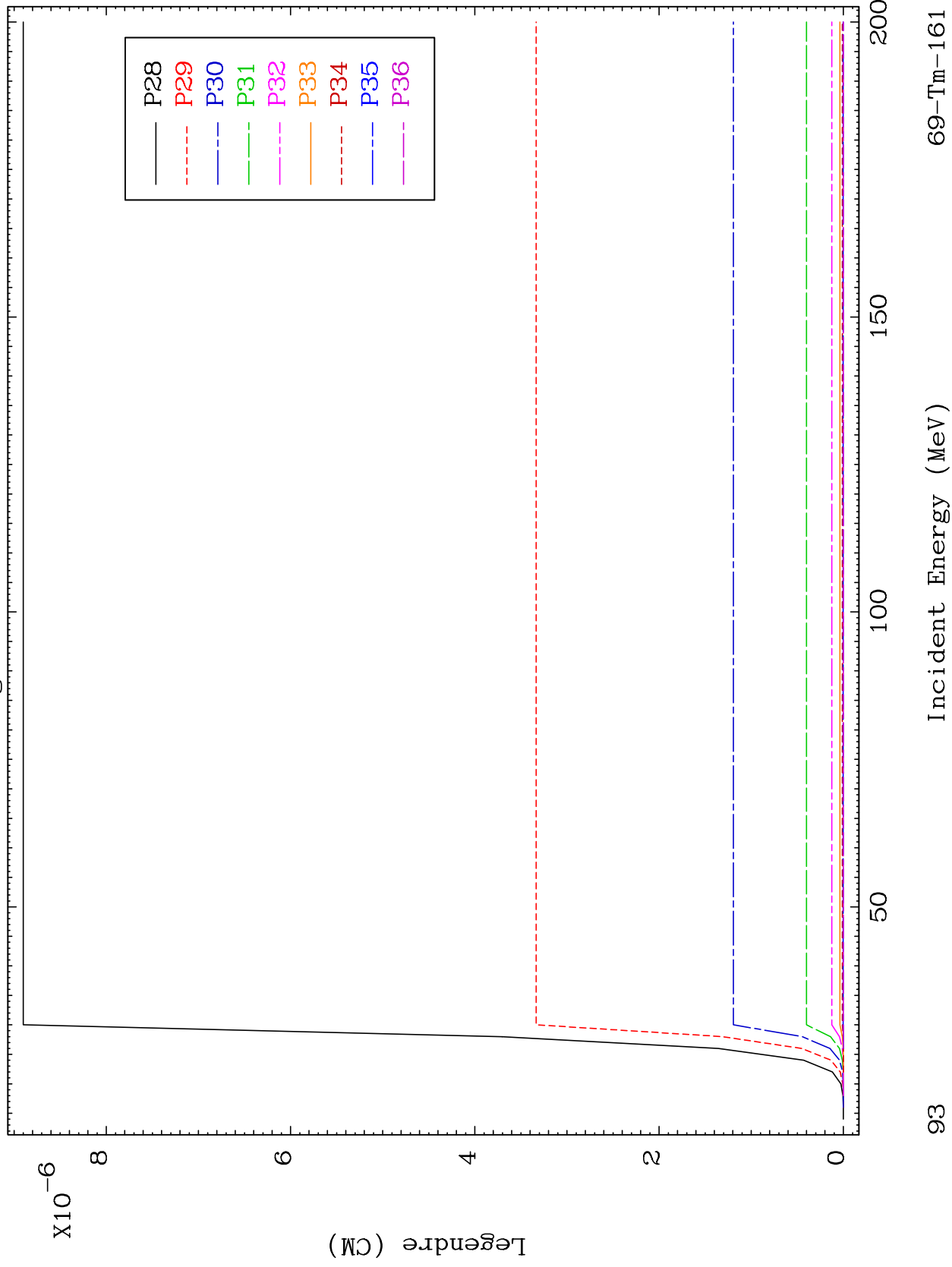
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

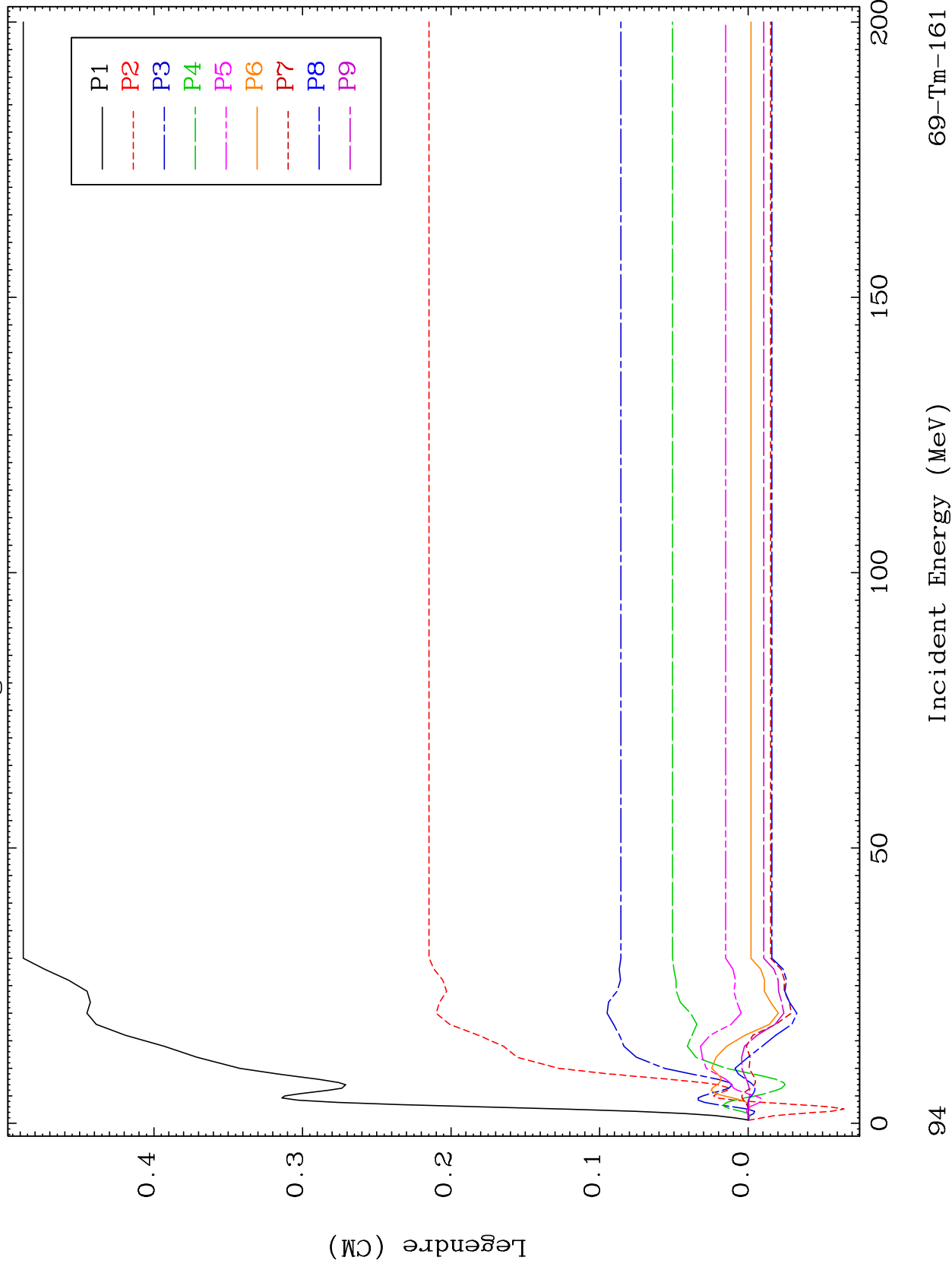
69-Tm-161



MAT 6901

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

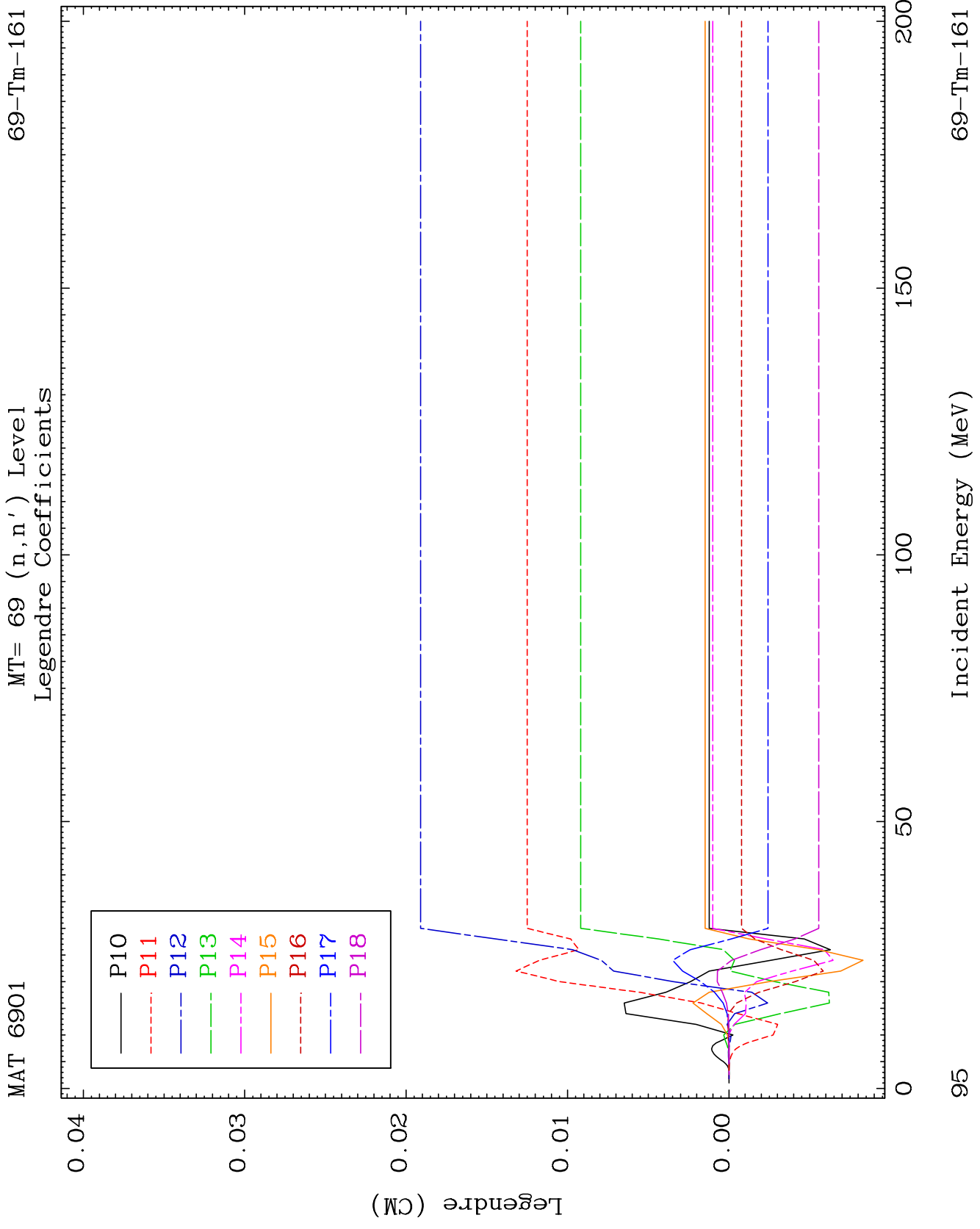
69-Tm-161



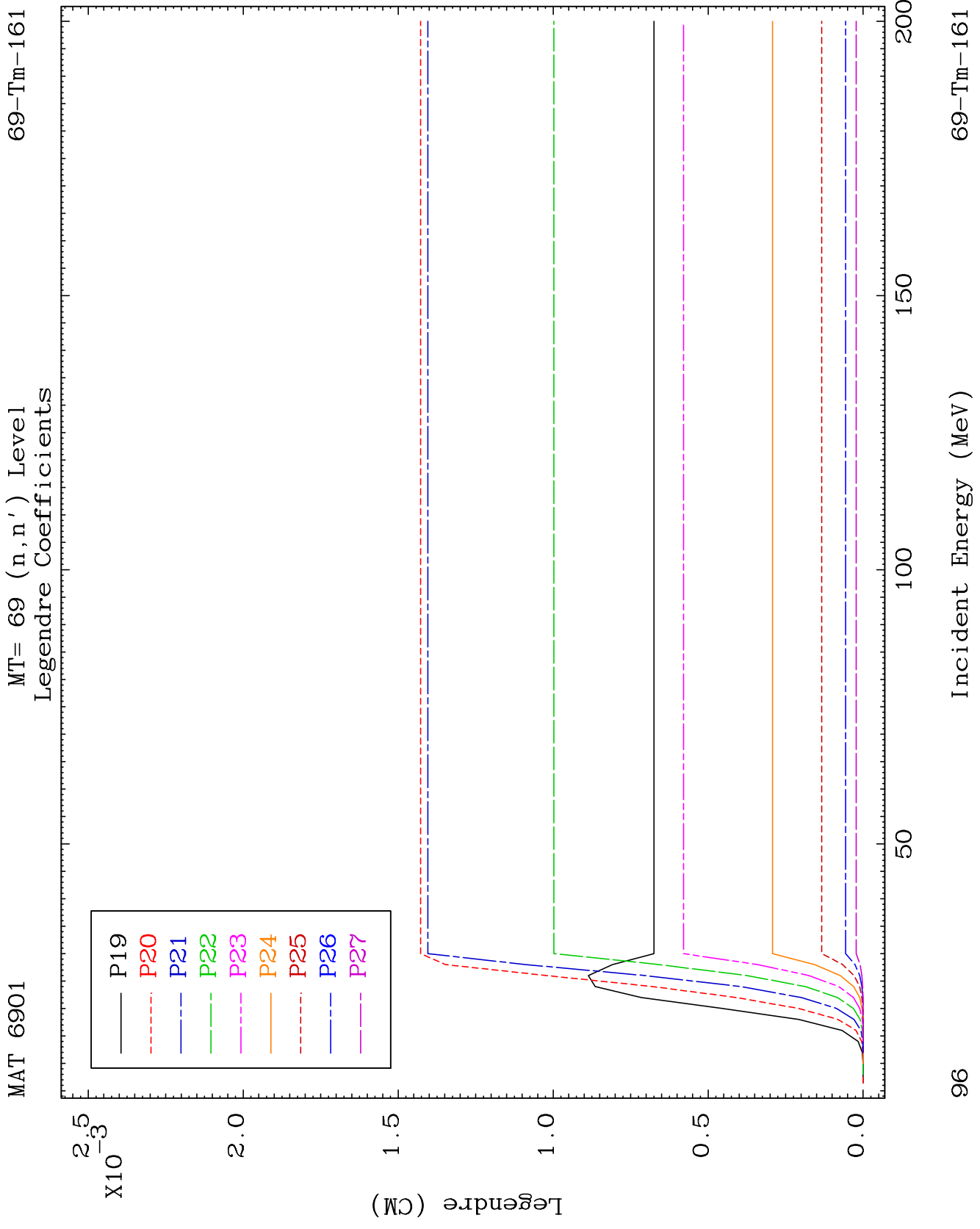
94

Incident Energy (MeV)

69-Tm-161



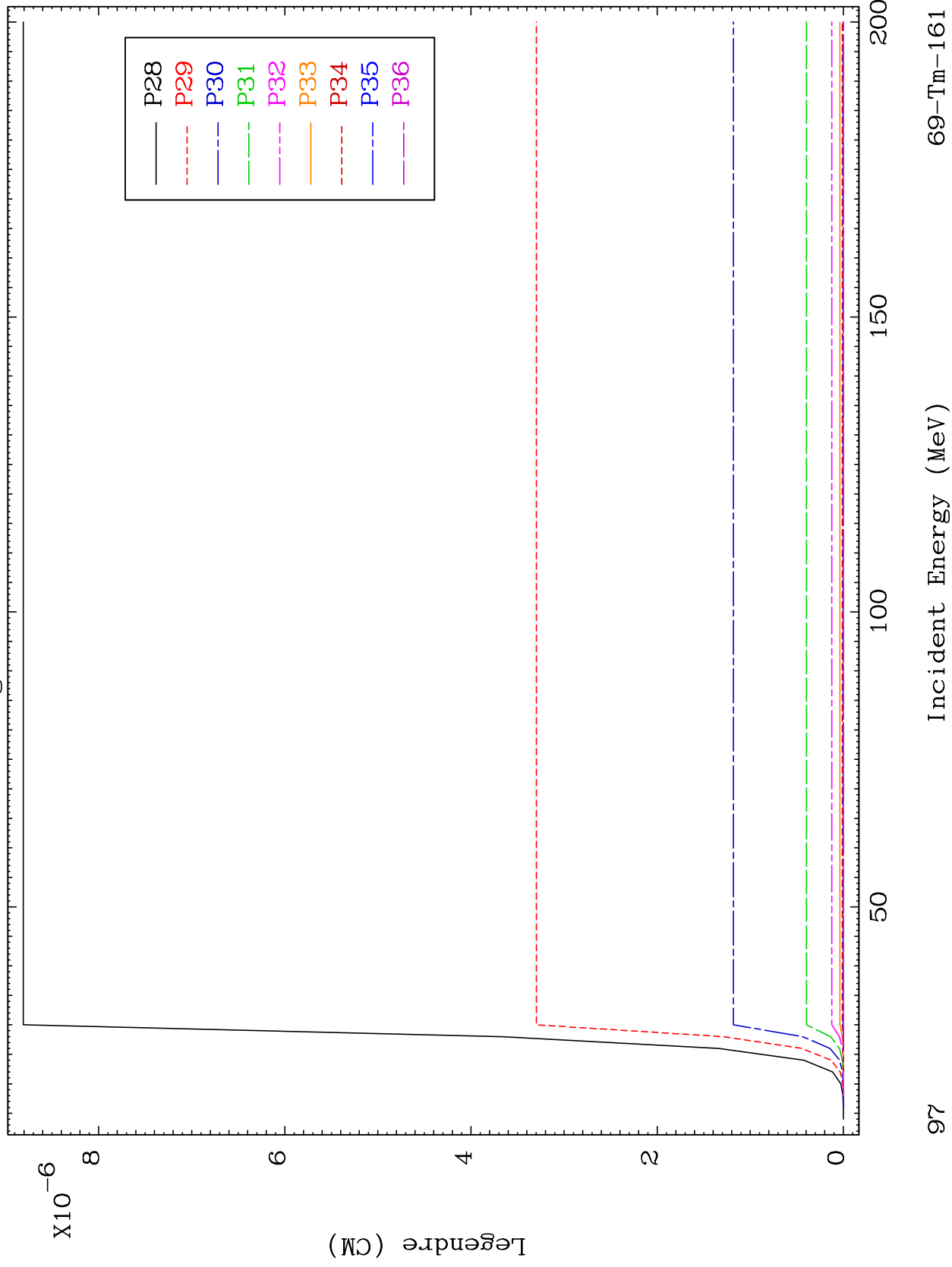


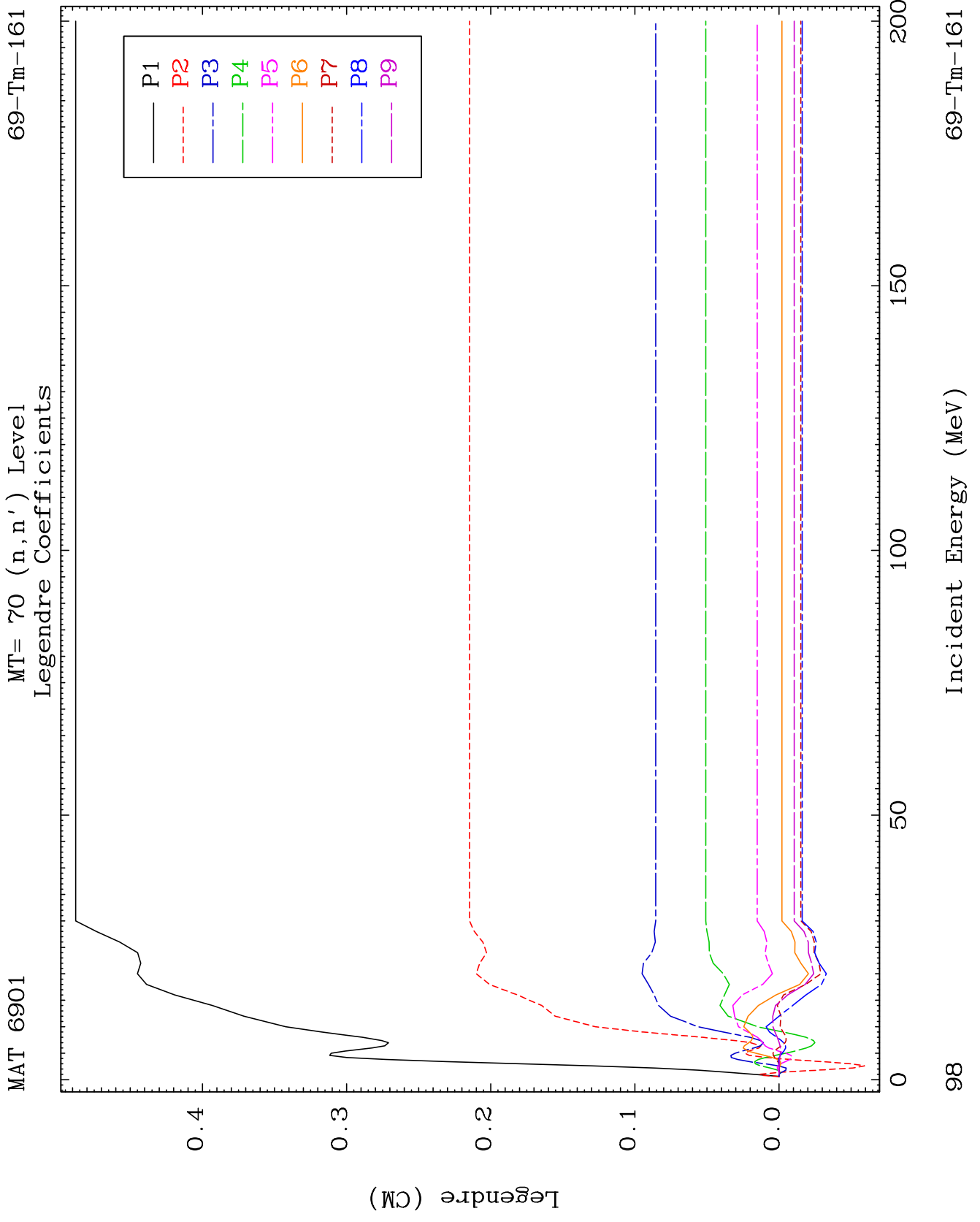


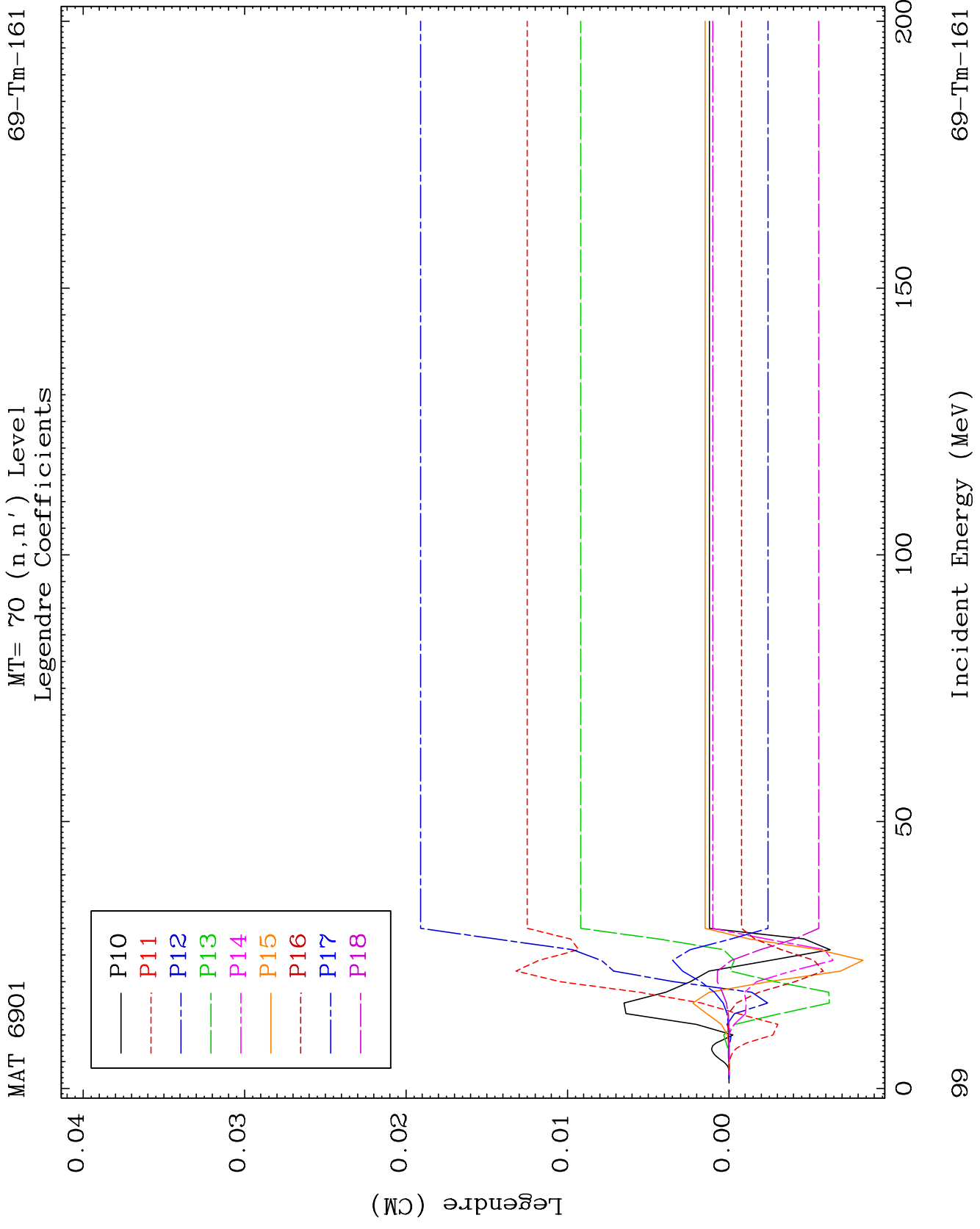
MAT 6901

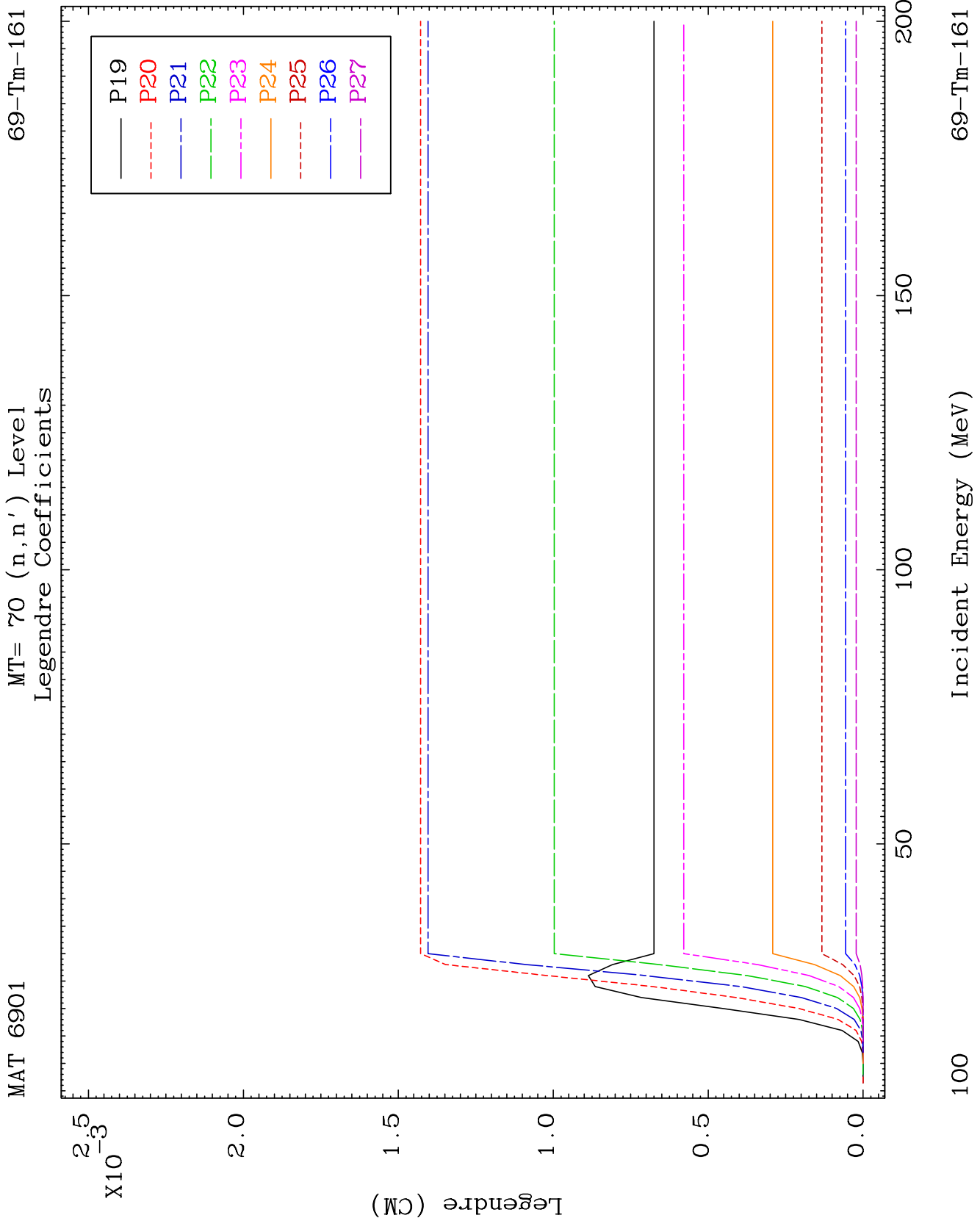
MT= 69 (n,n') Level  
Legendre Coefficients

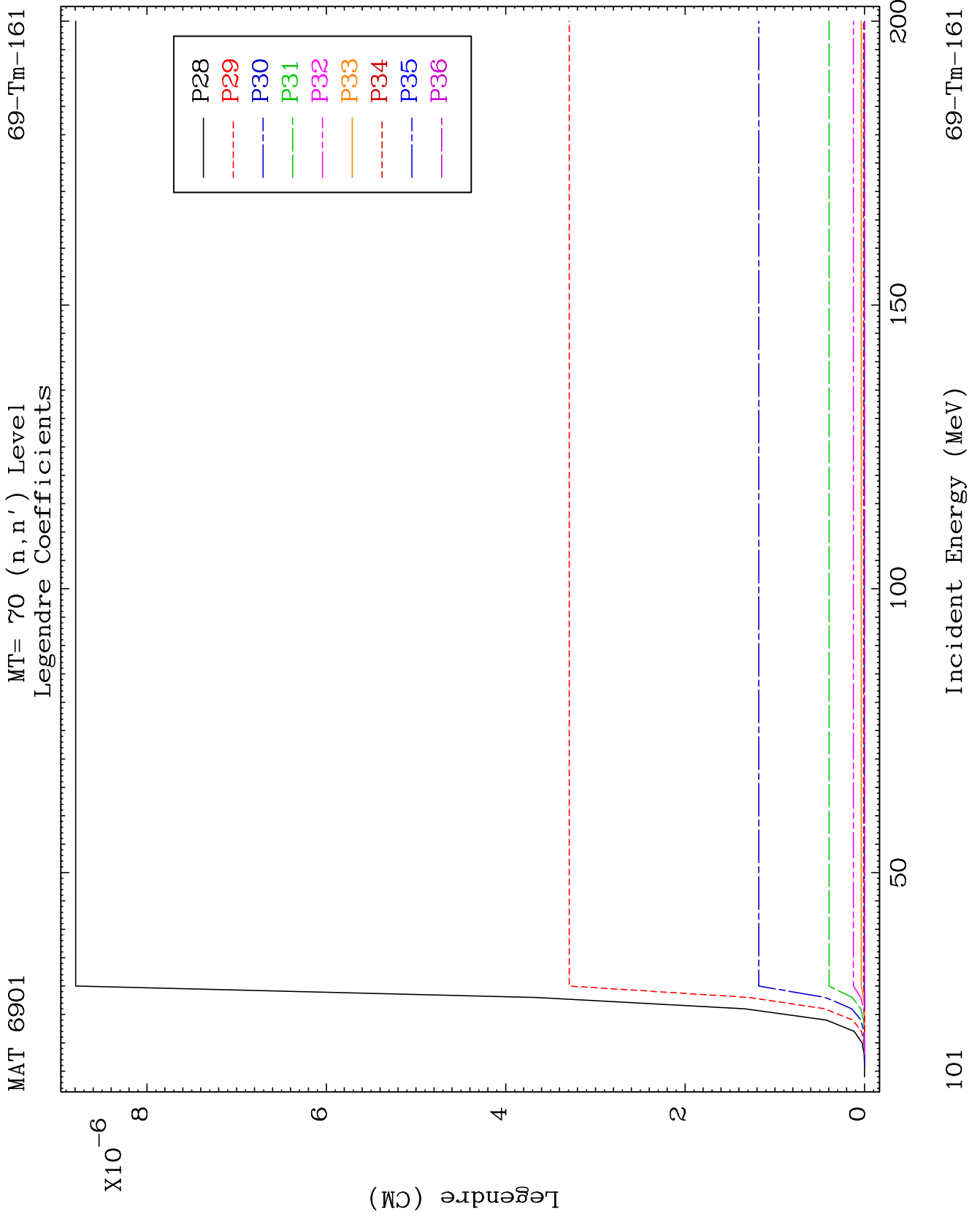
69-Tm-161

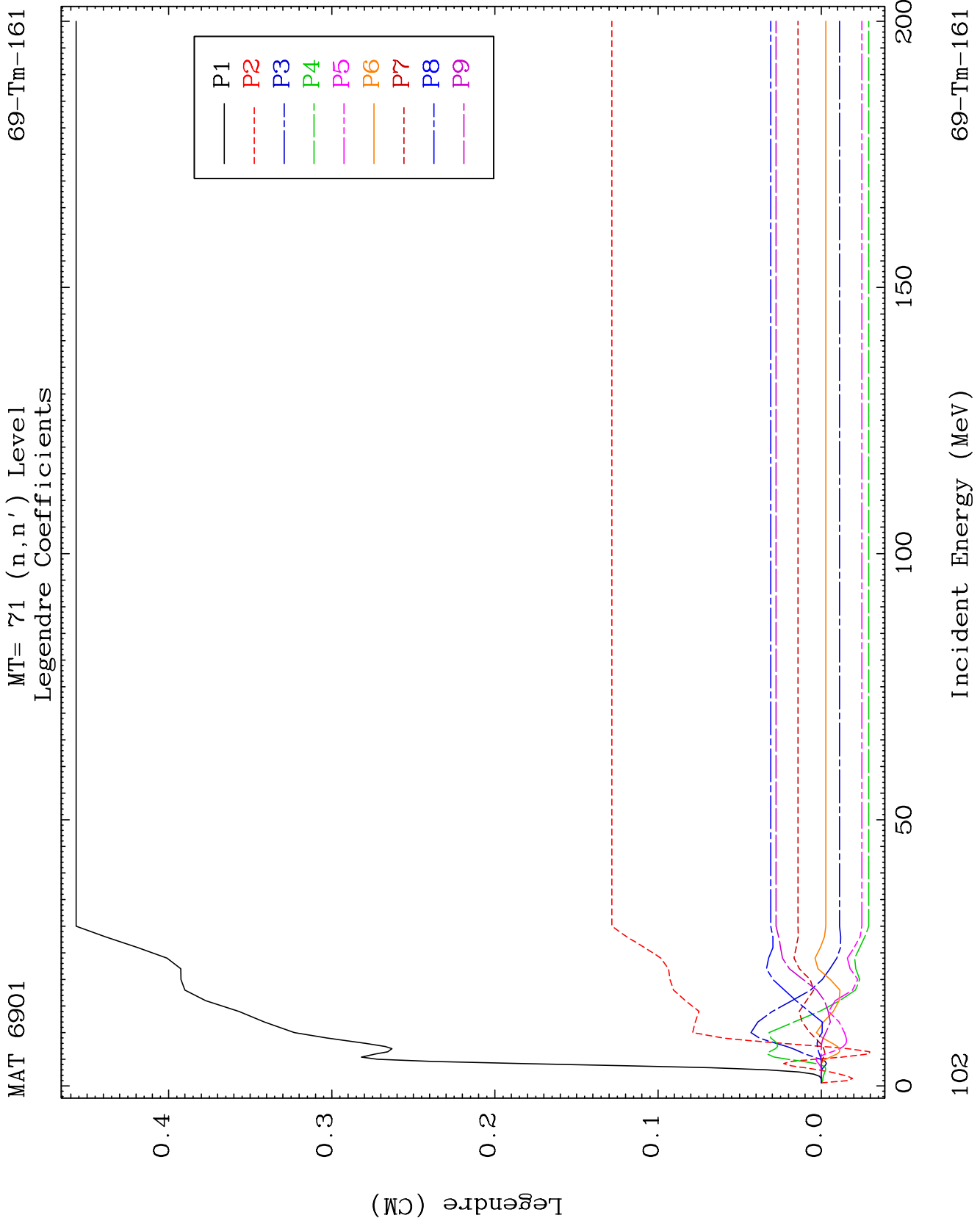








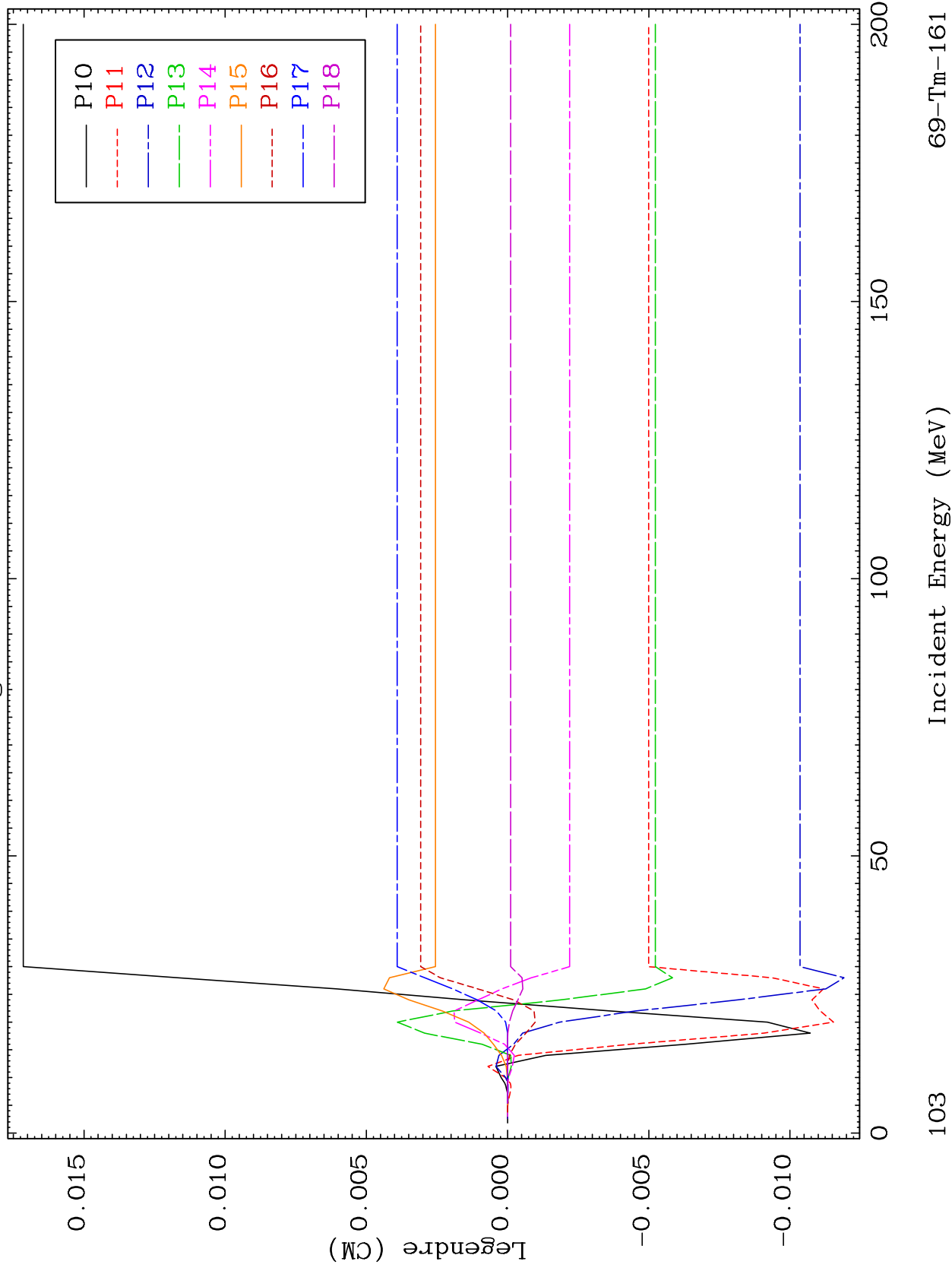




MAT 6901

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

69-Tm-161

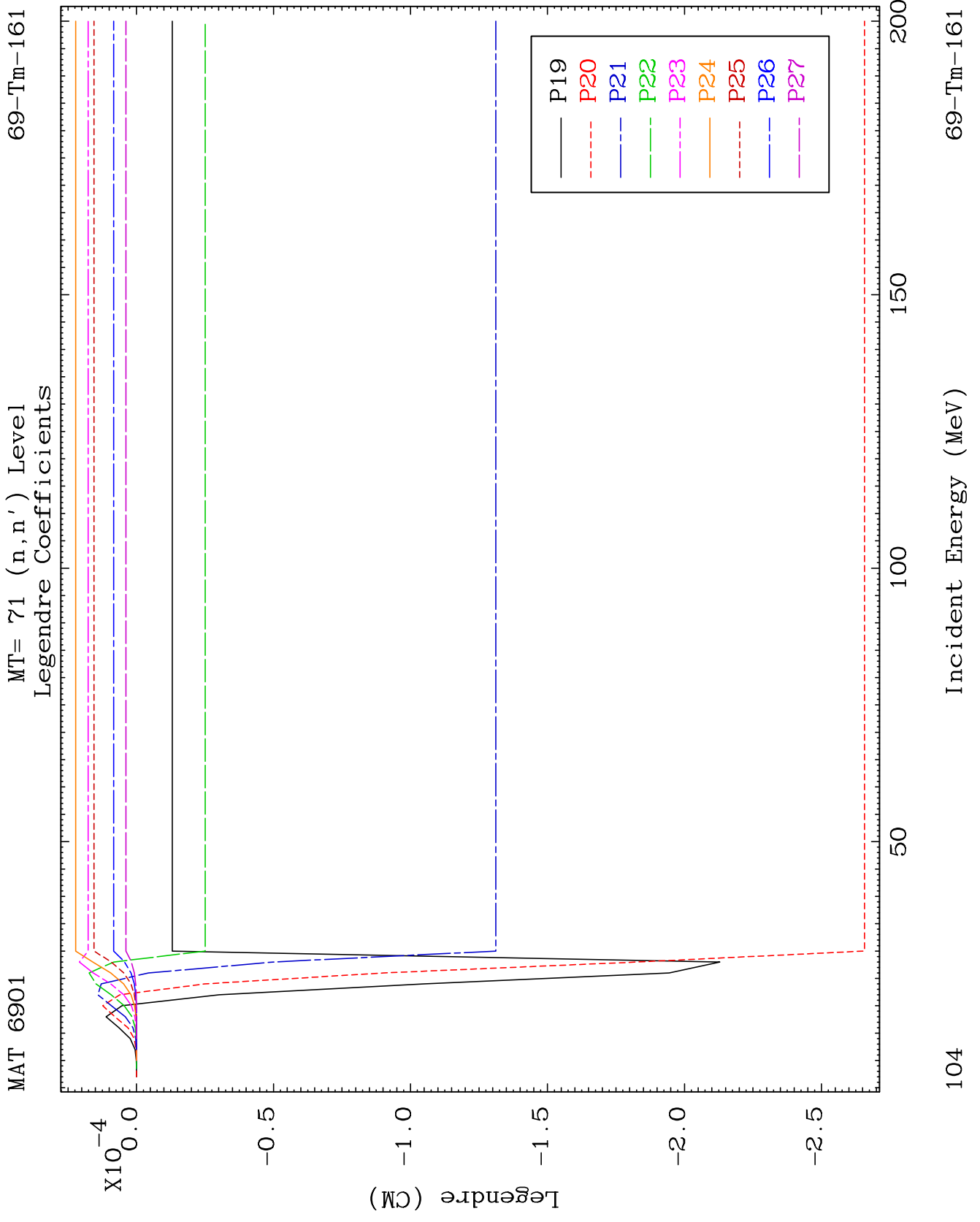


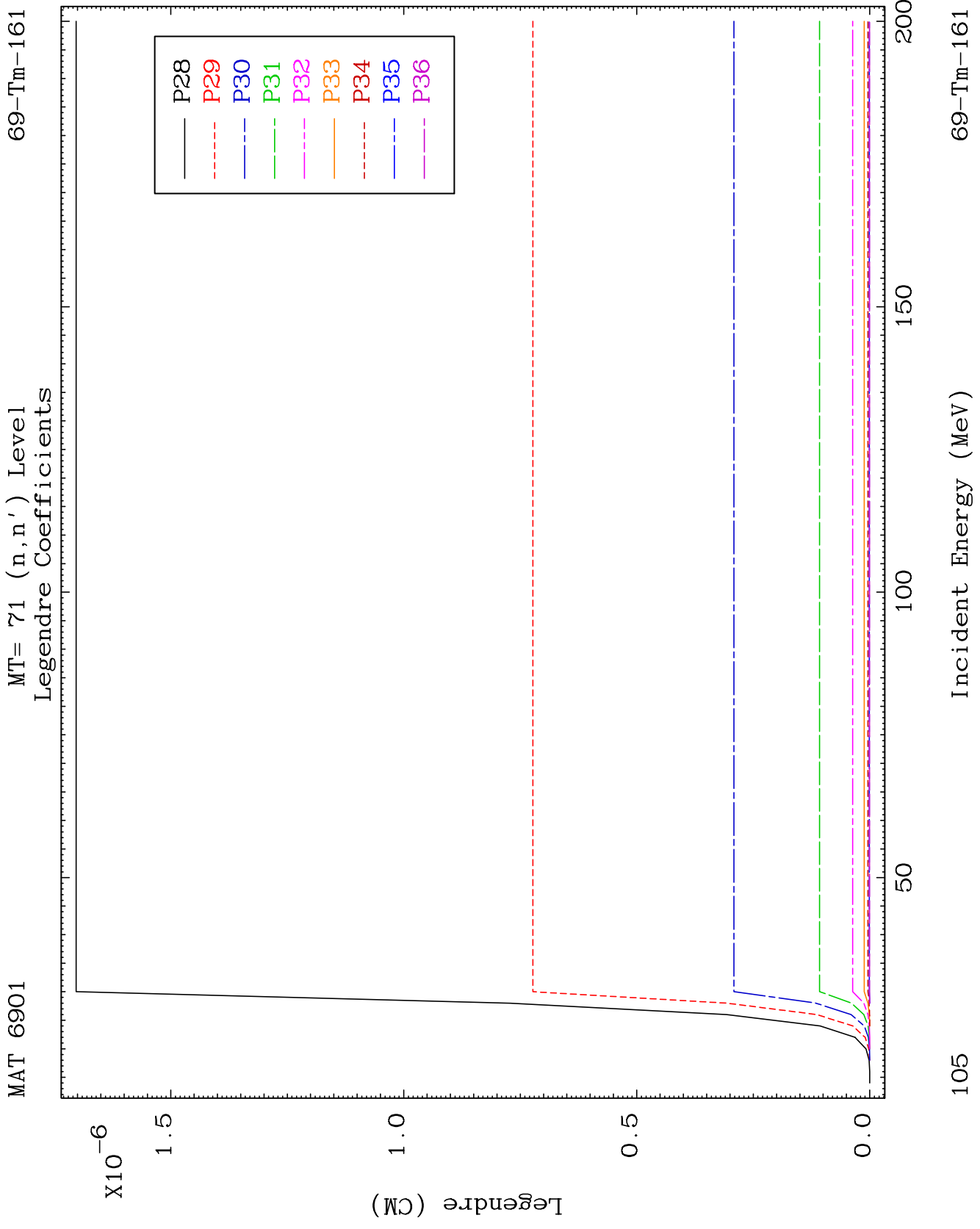
69-Tm-161

Incident Energy (MeV)

103



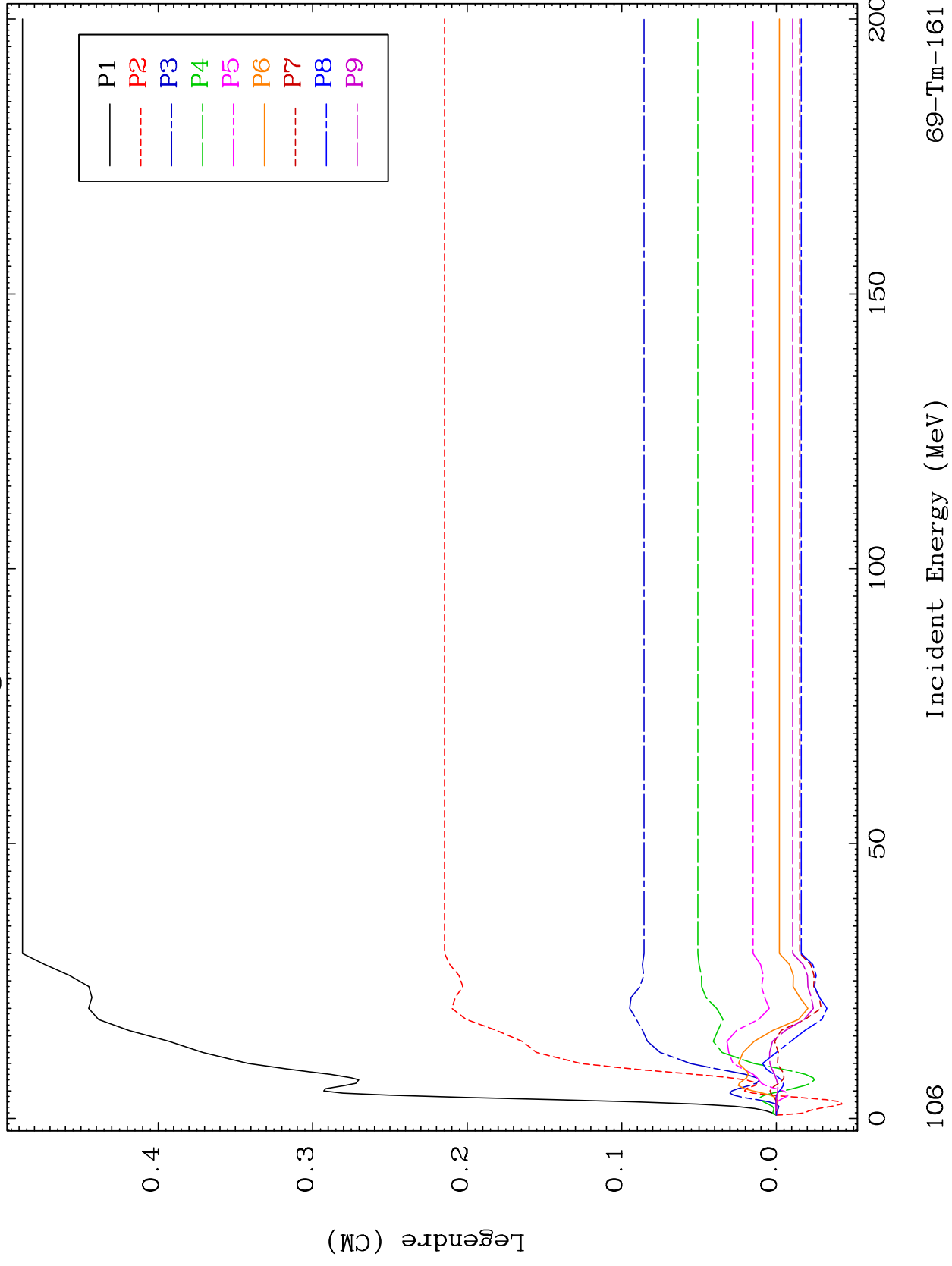




MAT 6901

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

69-Tm-161



69-Tm-161

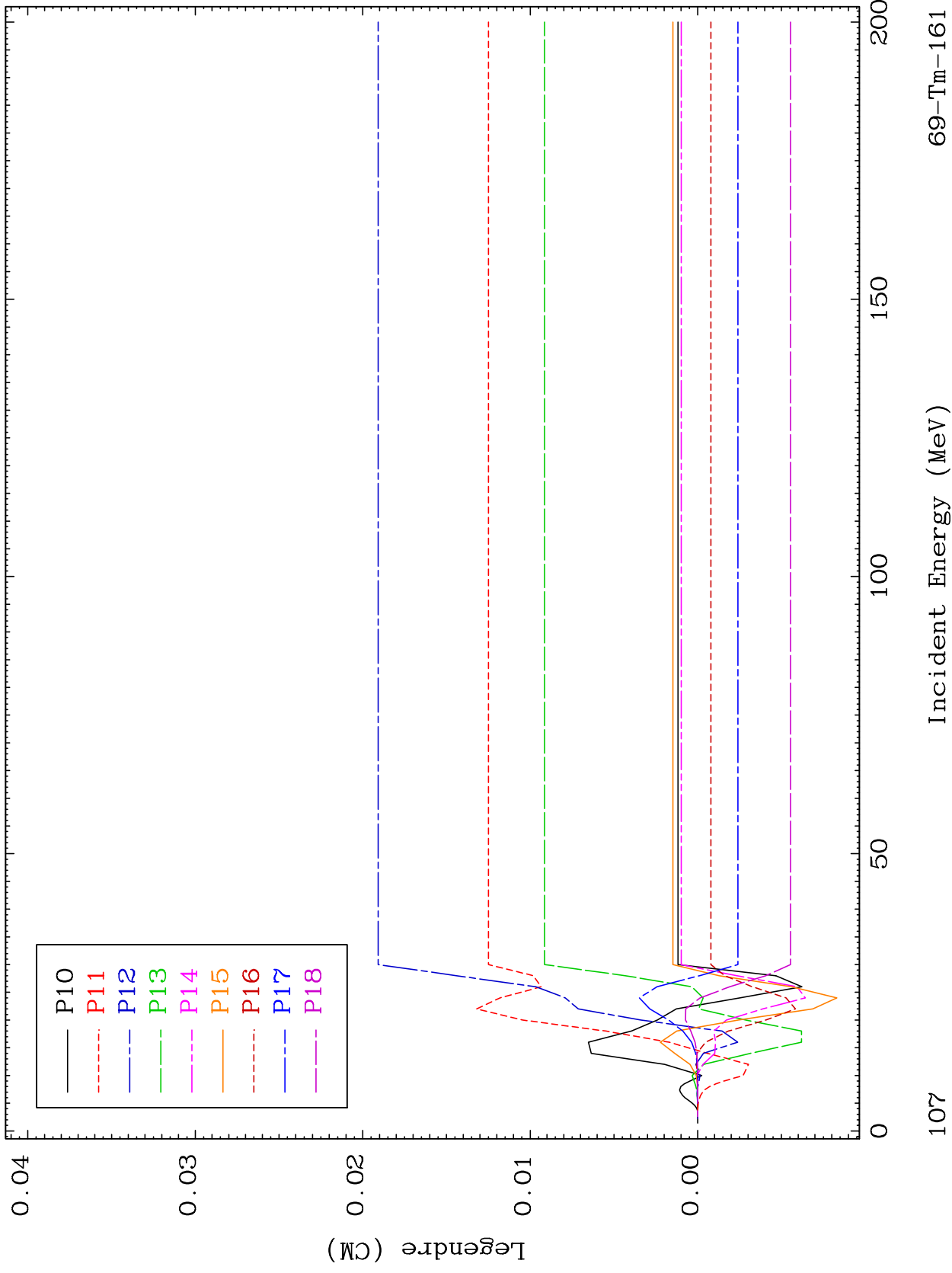
Incident Energy (MeV)

106

MAT 6901

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

69-Tm-161



107

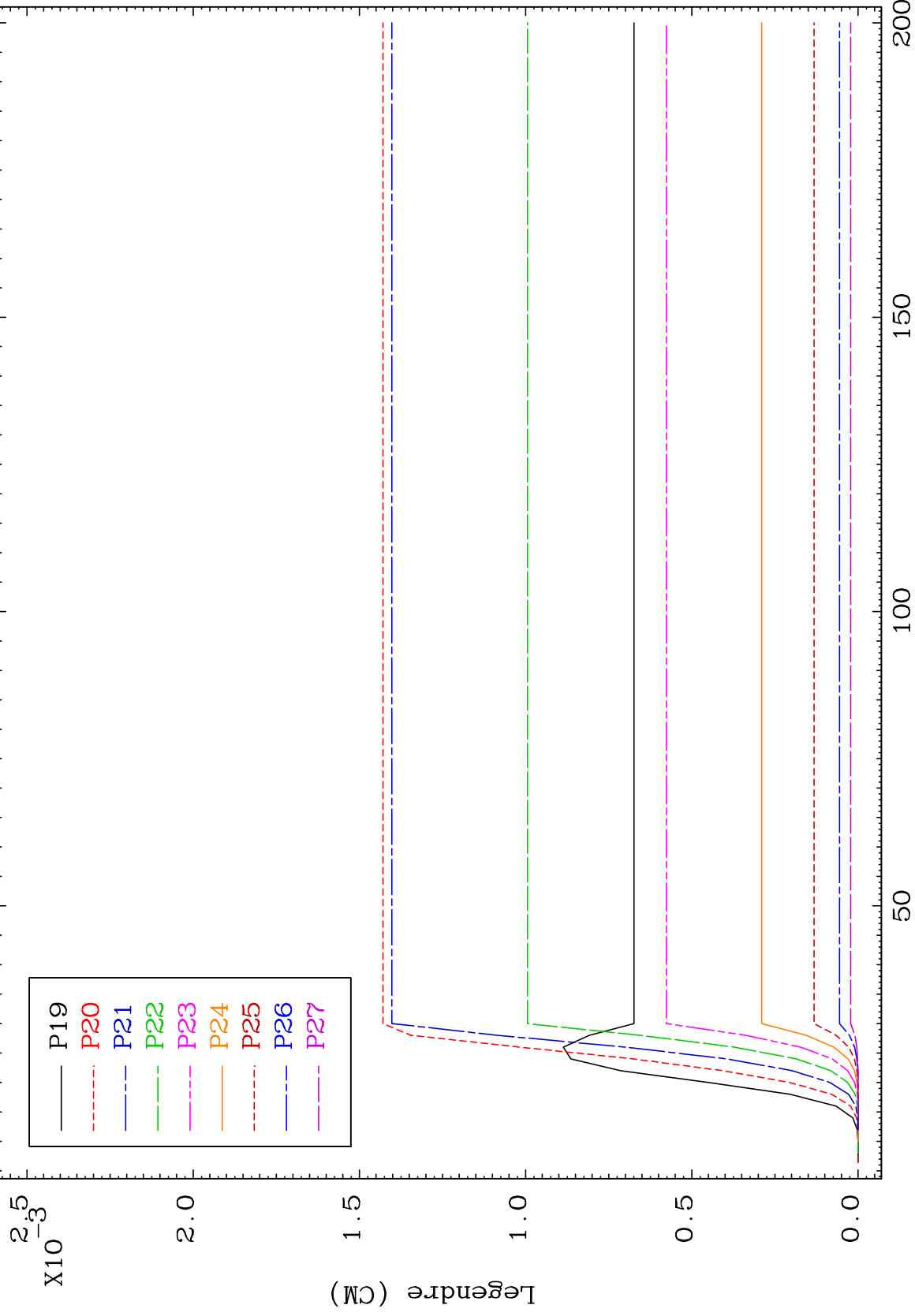
Incident Energy (MeV)

69-Tm-161

MAT 6901

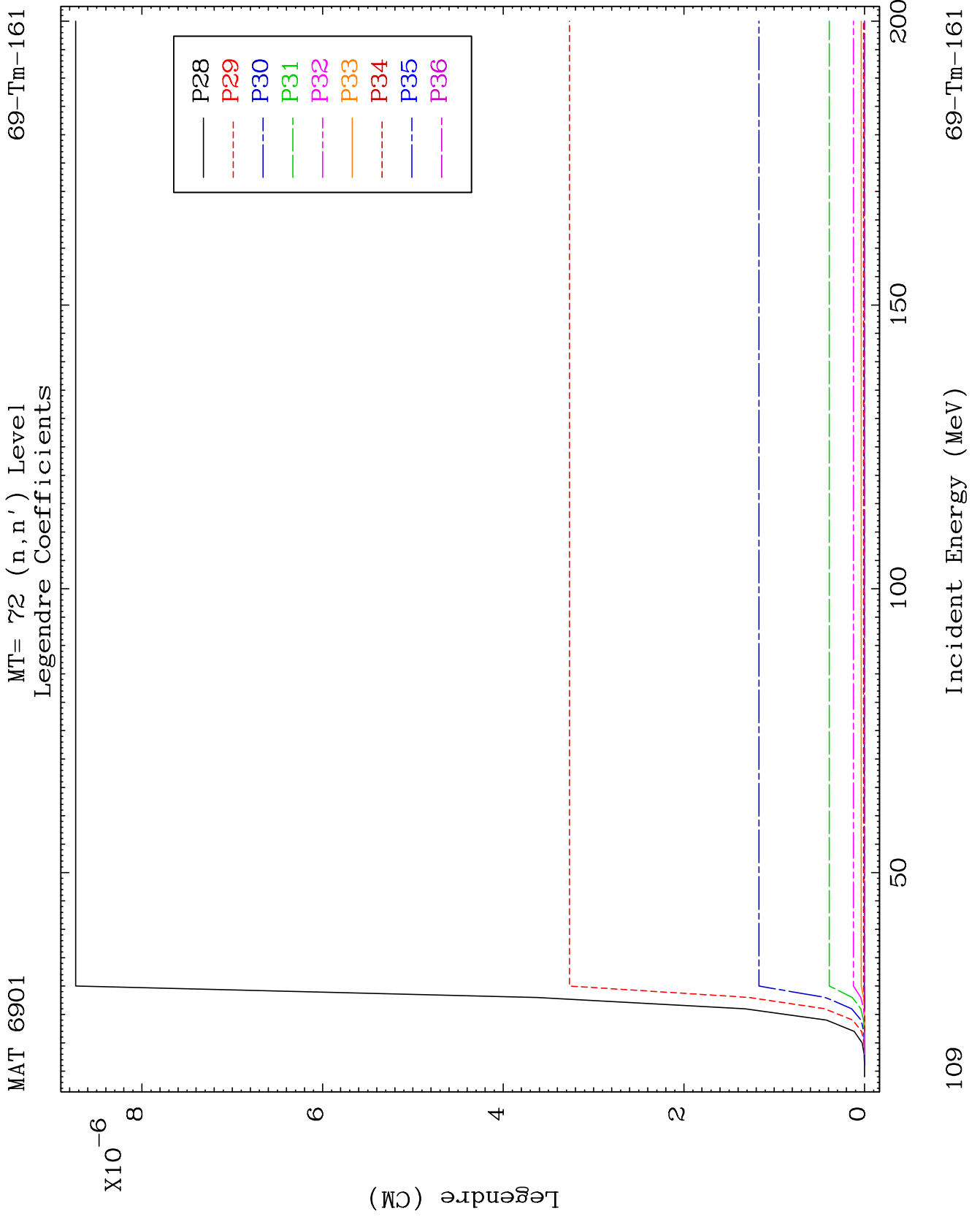
MT= 72 (n,n') Level  
Legendre Coefficients

69-Tm-161



108

69-Tm-161

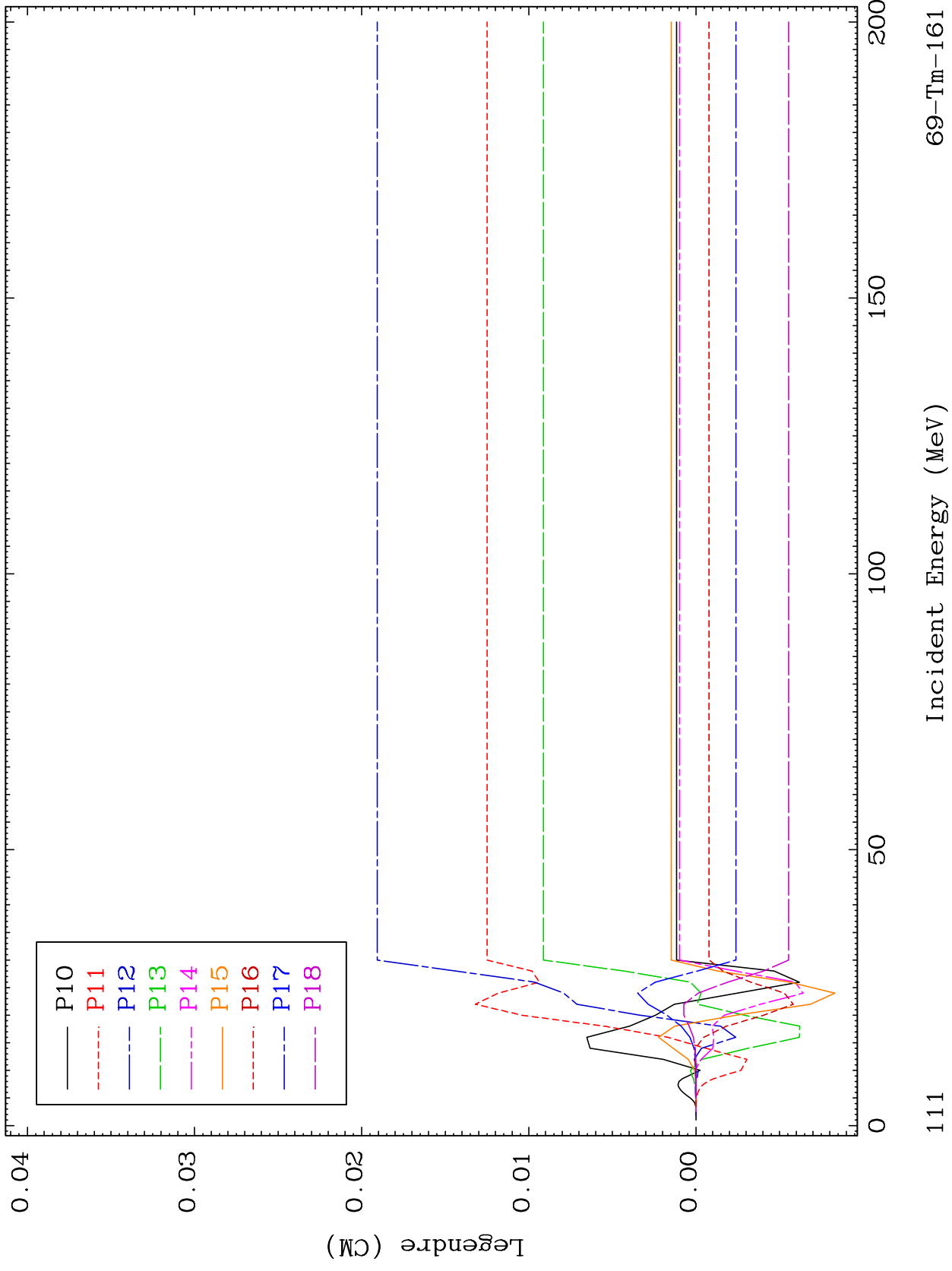




MAT 6901

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

69-Tm-161



111

Incident Energy (MeV)

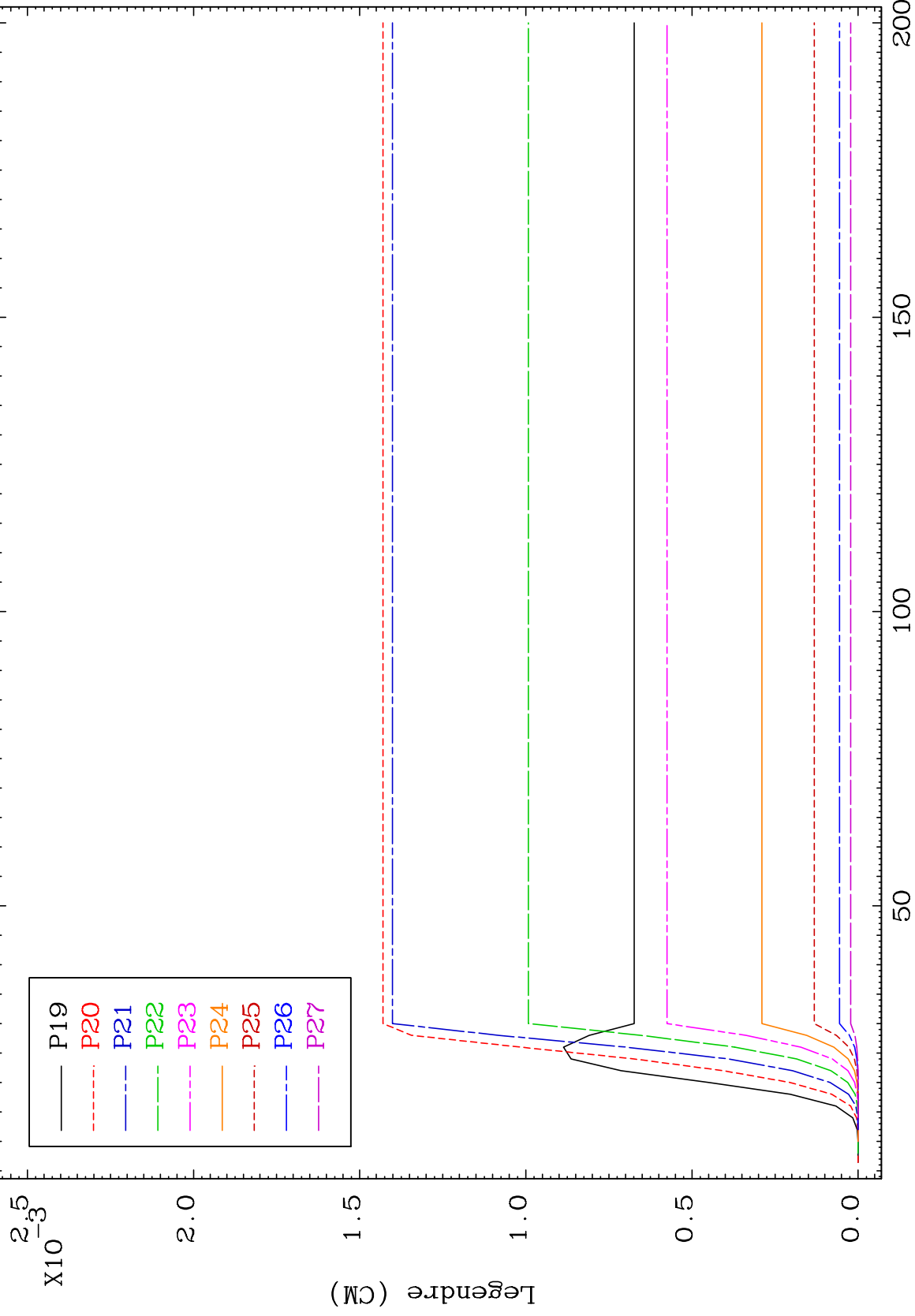
69-Tm-161



MAT 6901

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

69-Tm-161



112

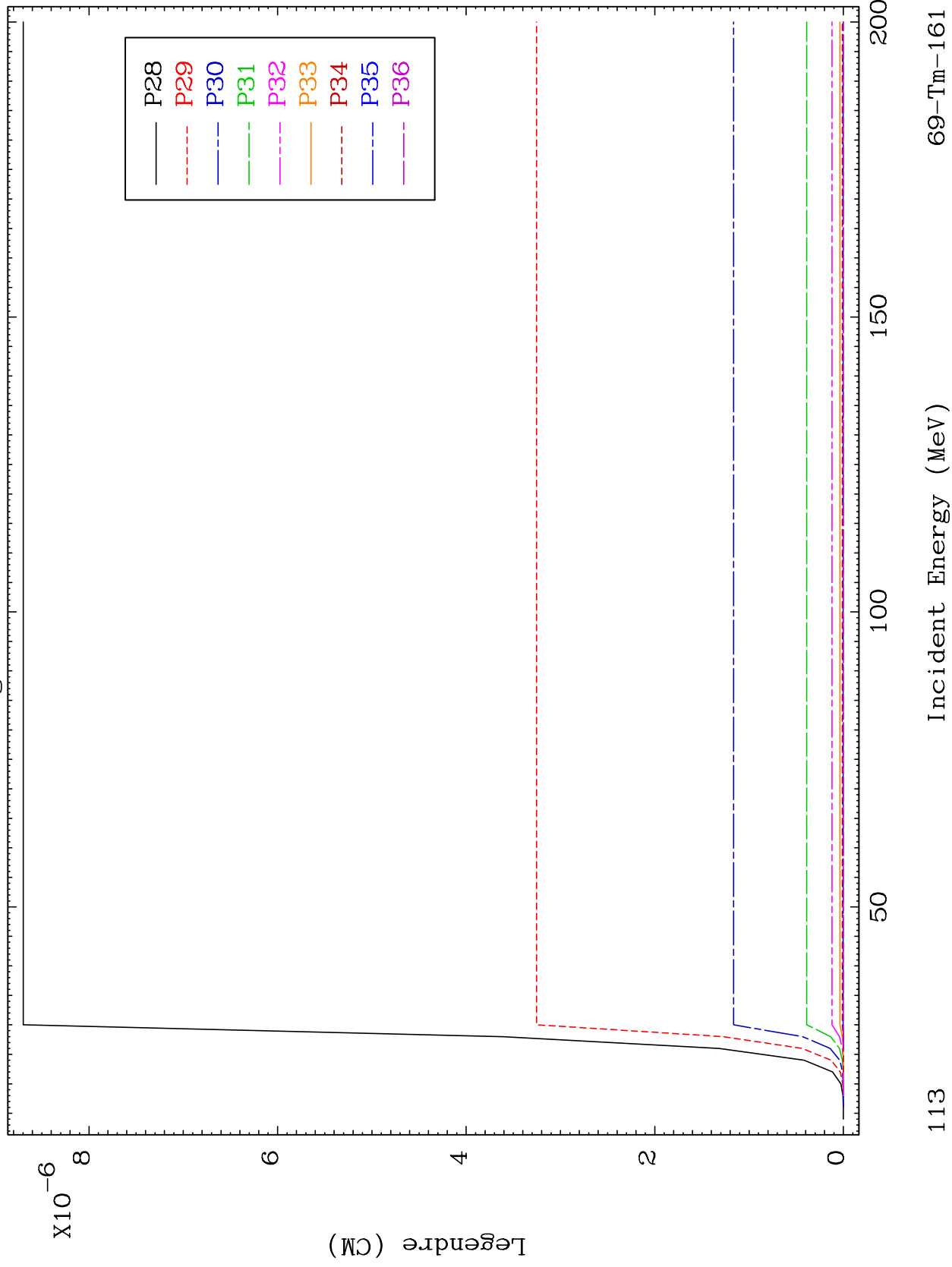
Incident Energy (MeV)

69-Tm-161

MAT 6901

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

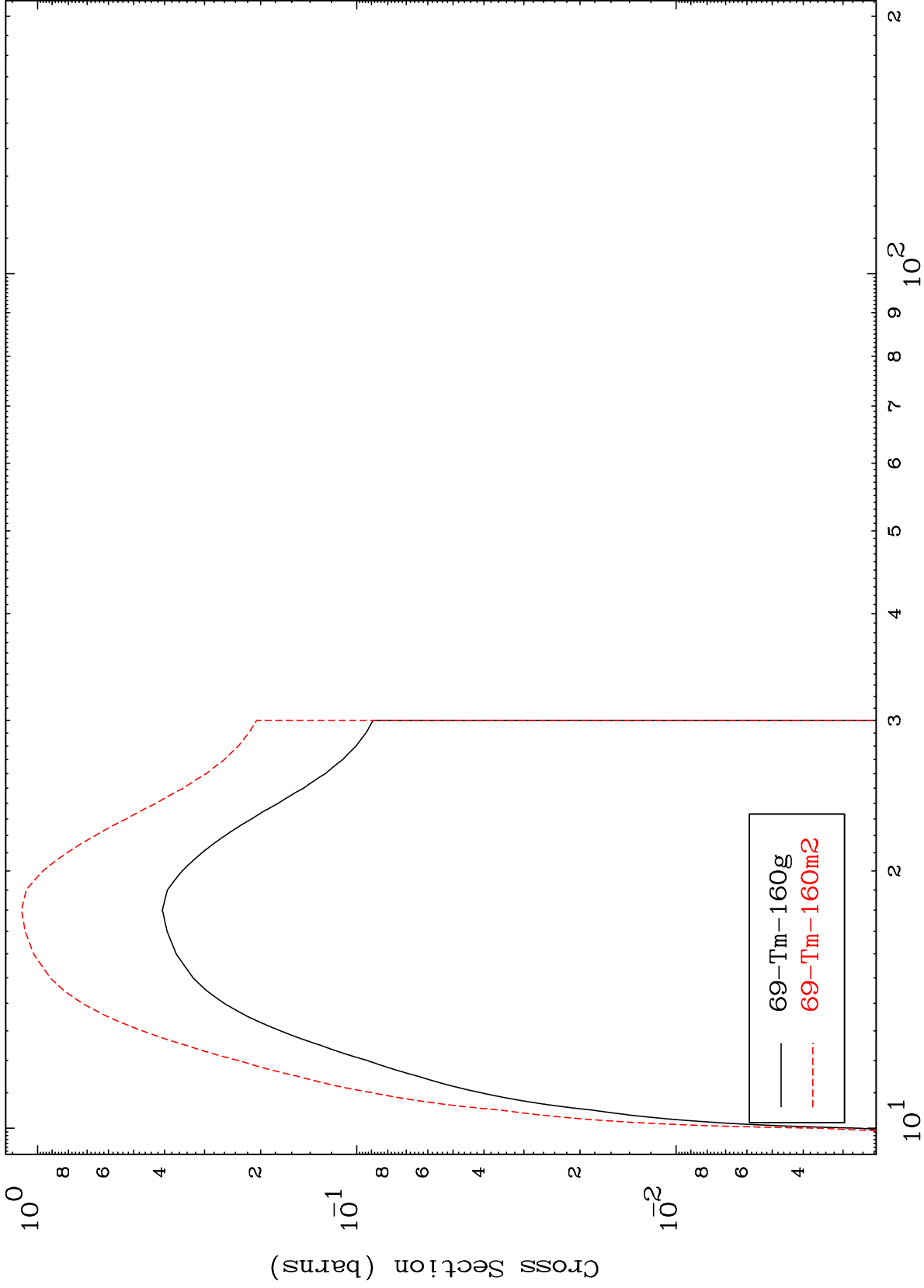
69-Tm-161



MAT 6901

69-Tm-161

(n,2n)  
Radionuclide Production Cross Section



69-Tm-161

Incident Energy (MeV)

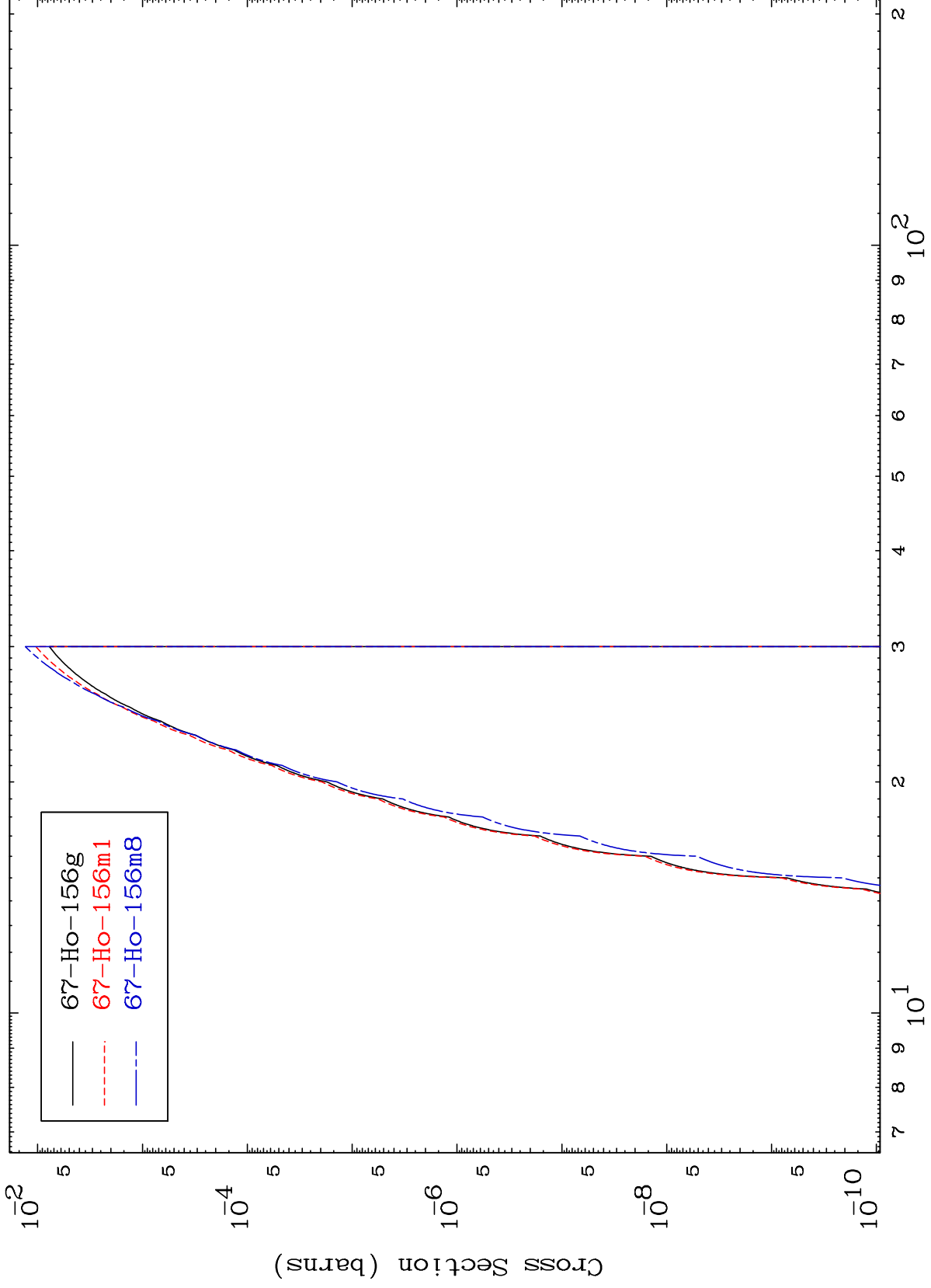
114

MAT 6901

$(n,2n) \alpha$

69-Tm-161

Radionuclide Production Cross Section



115

Incident Energy (MeV)

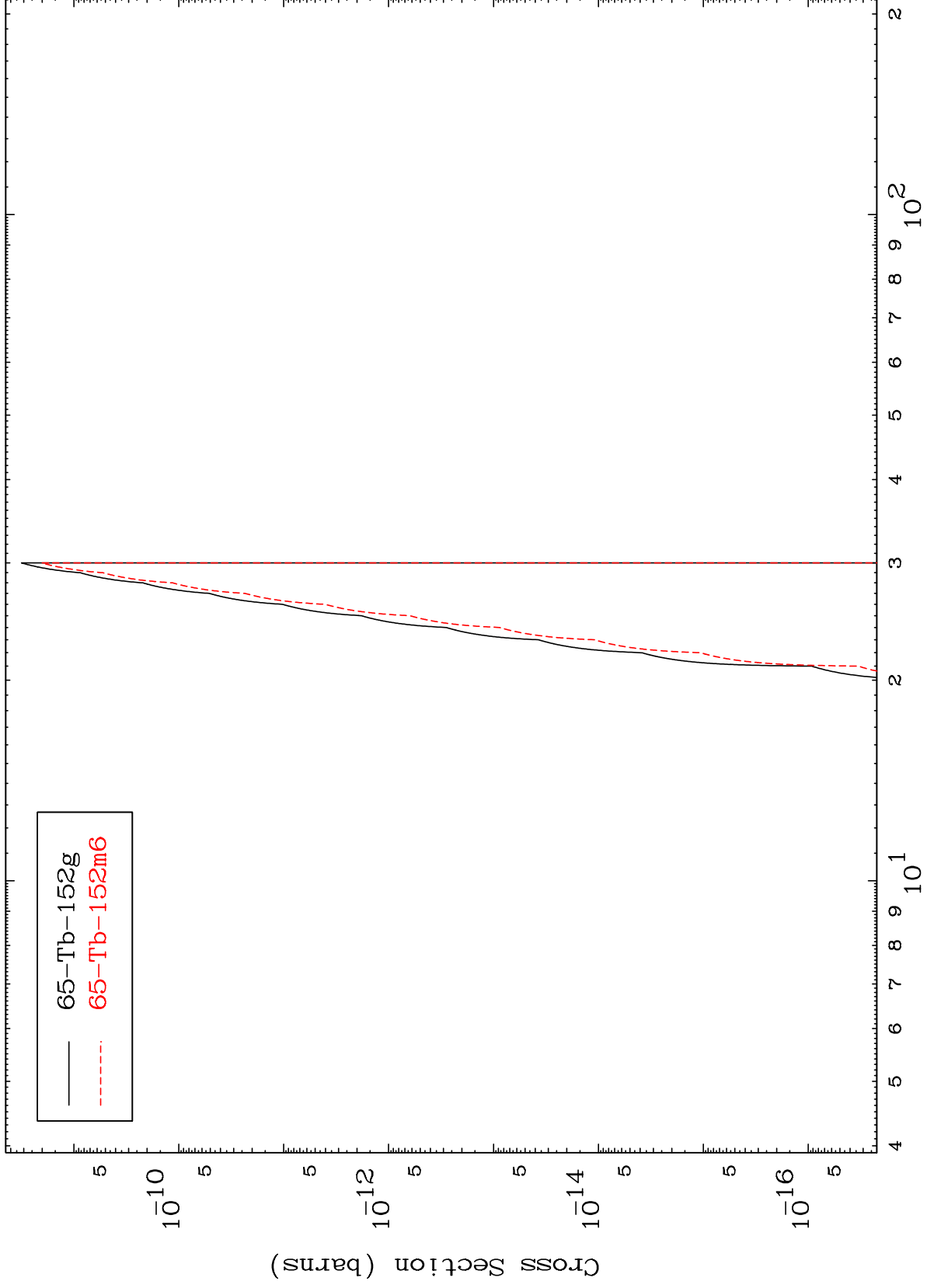
69-Tm-161

MAT 6901

$^{69}\text{Tm-161}$

$^{69}\text{Tm-161}$

Radionuclide Production Cross Section



116

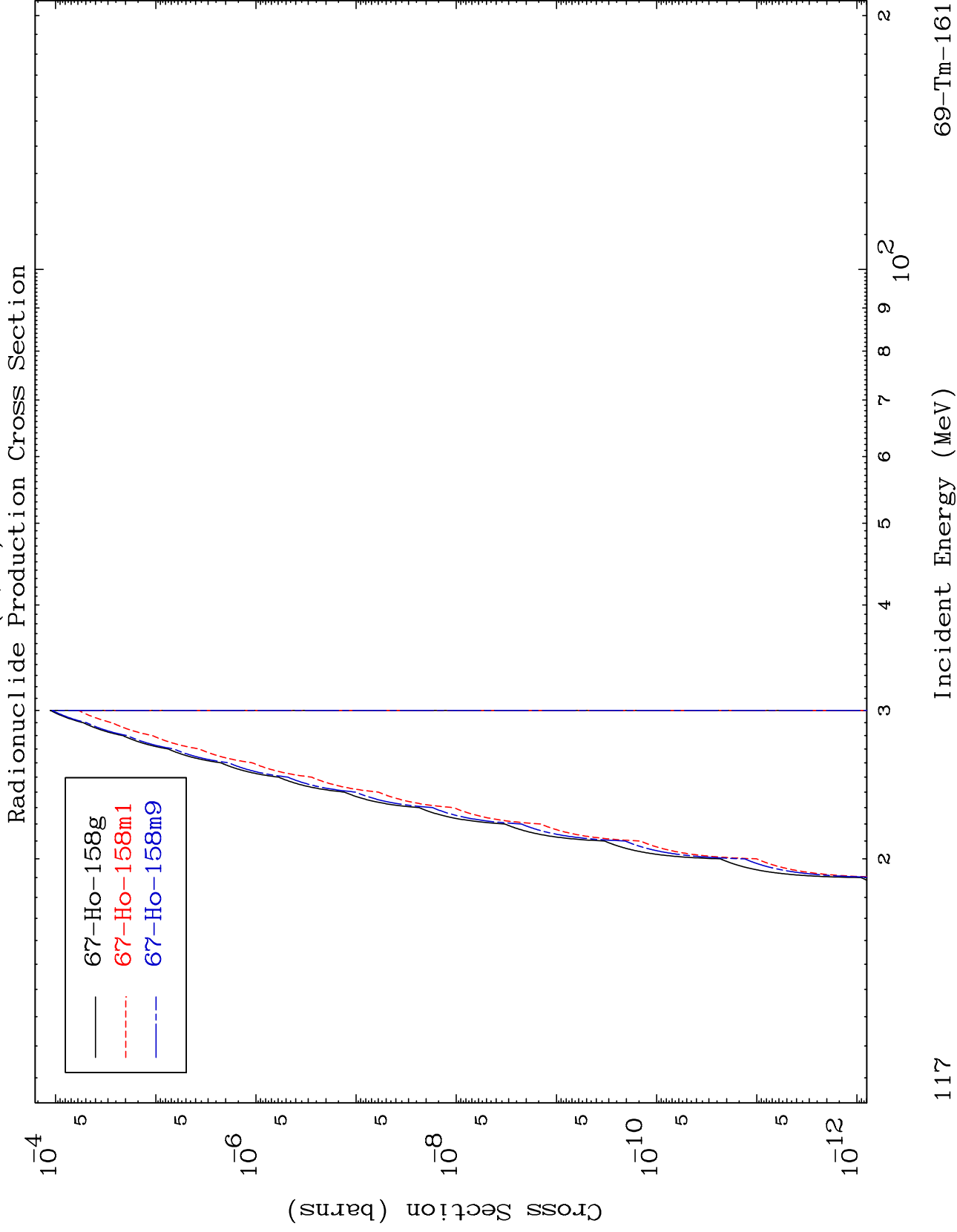
Incident Energy (MeV)

$^{69}\text{Tm-161}$

MAT 6901

(n,n') He-3

69-Tm-161



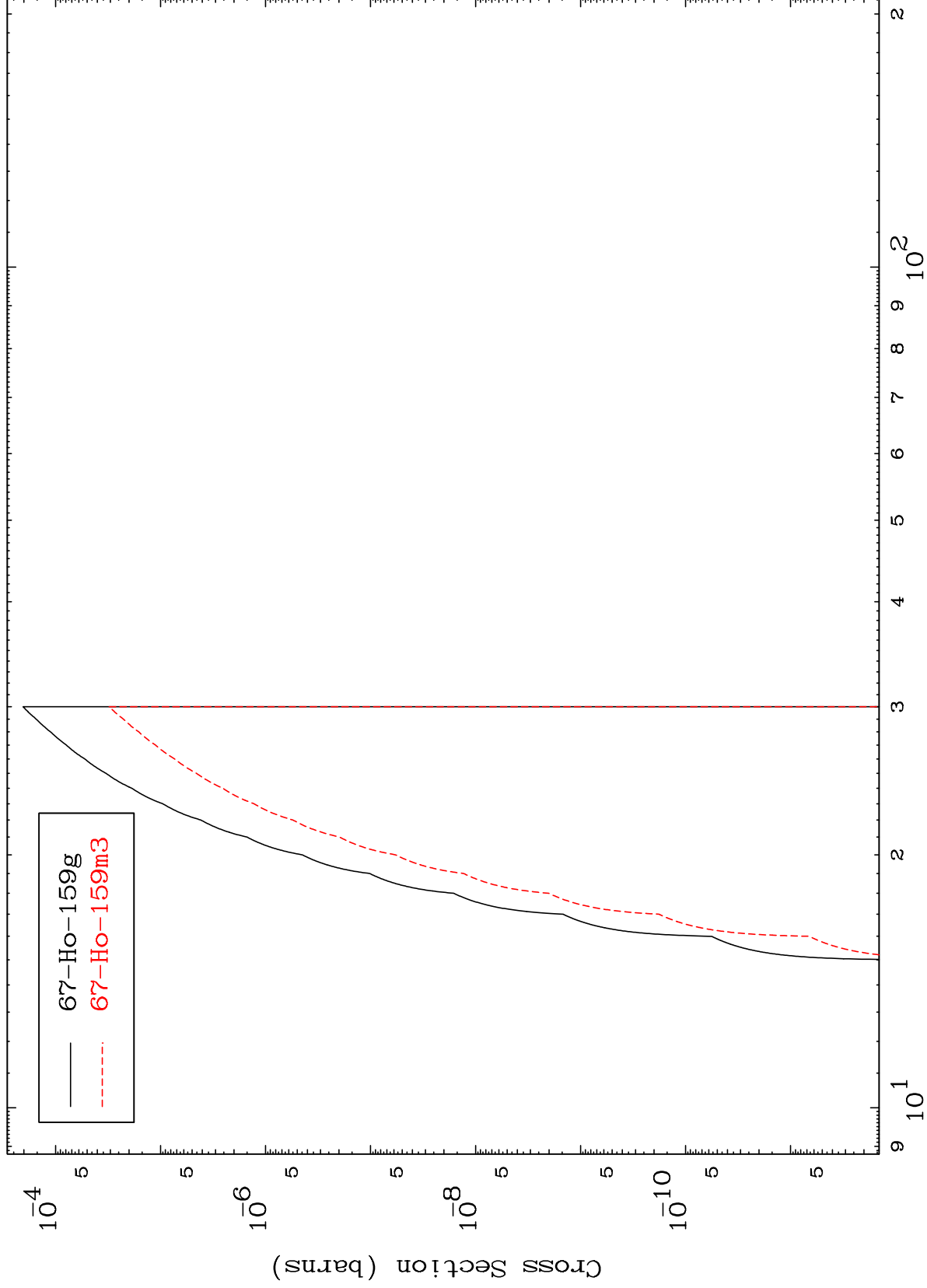
117

MAT 6901

(n,2n) p

69-Tm-161

Radionuclide Production Cross Section



118

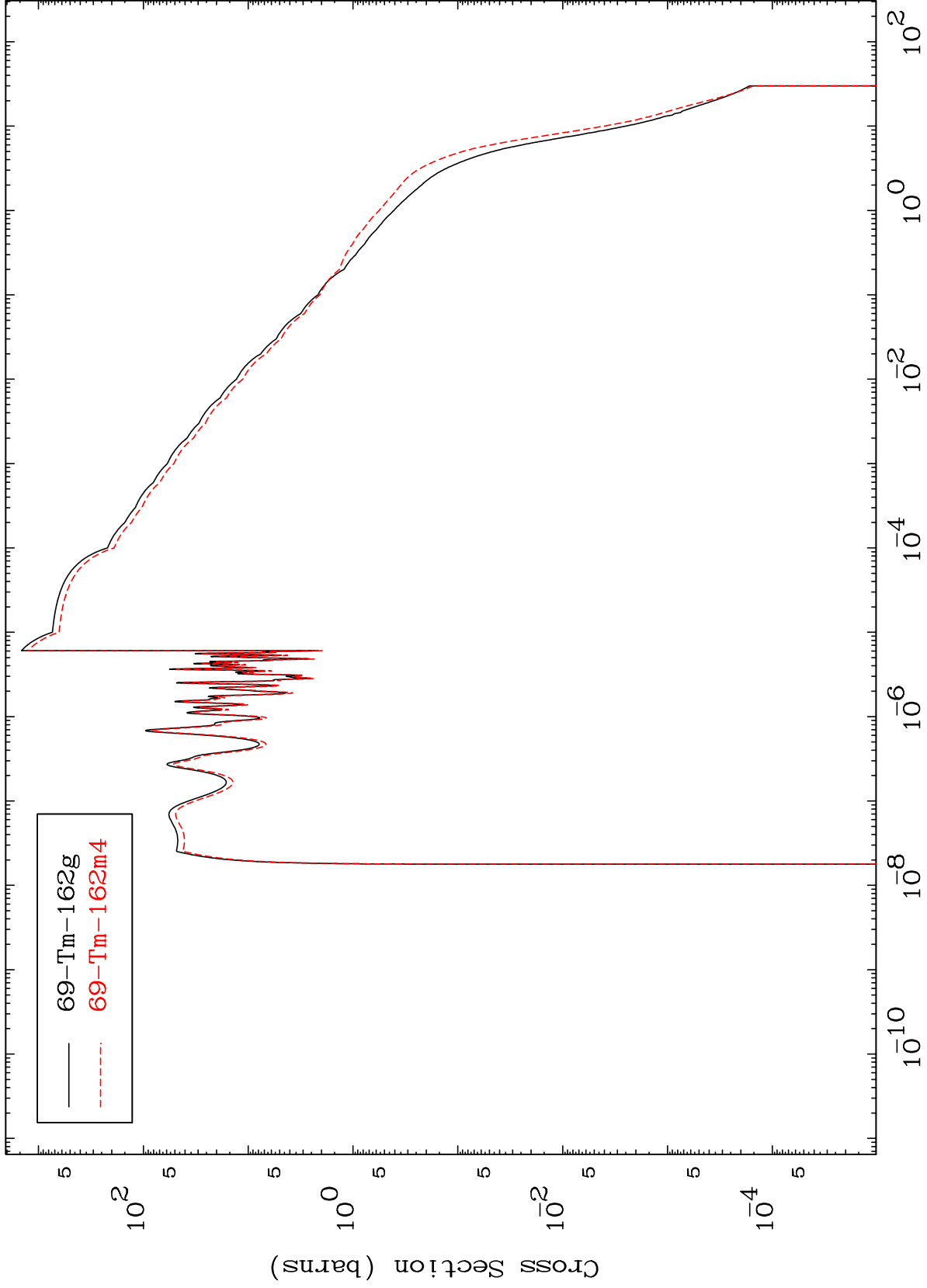
Incident Energy (MeV)

69-Tm-161

MAT 6901

69-Tm-161

(n,γ)  
Radionuclide Production Cross Section



119

69-Tm-161

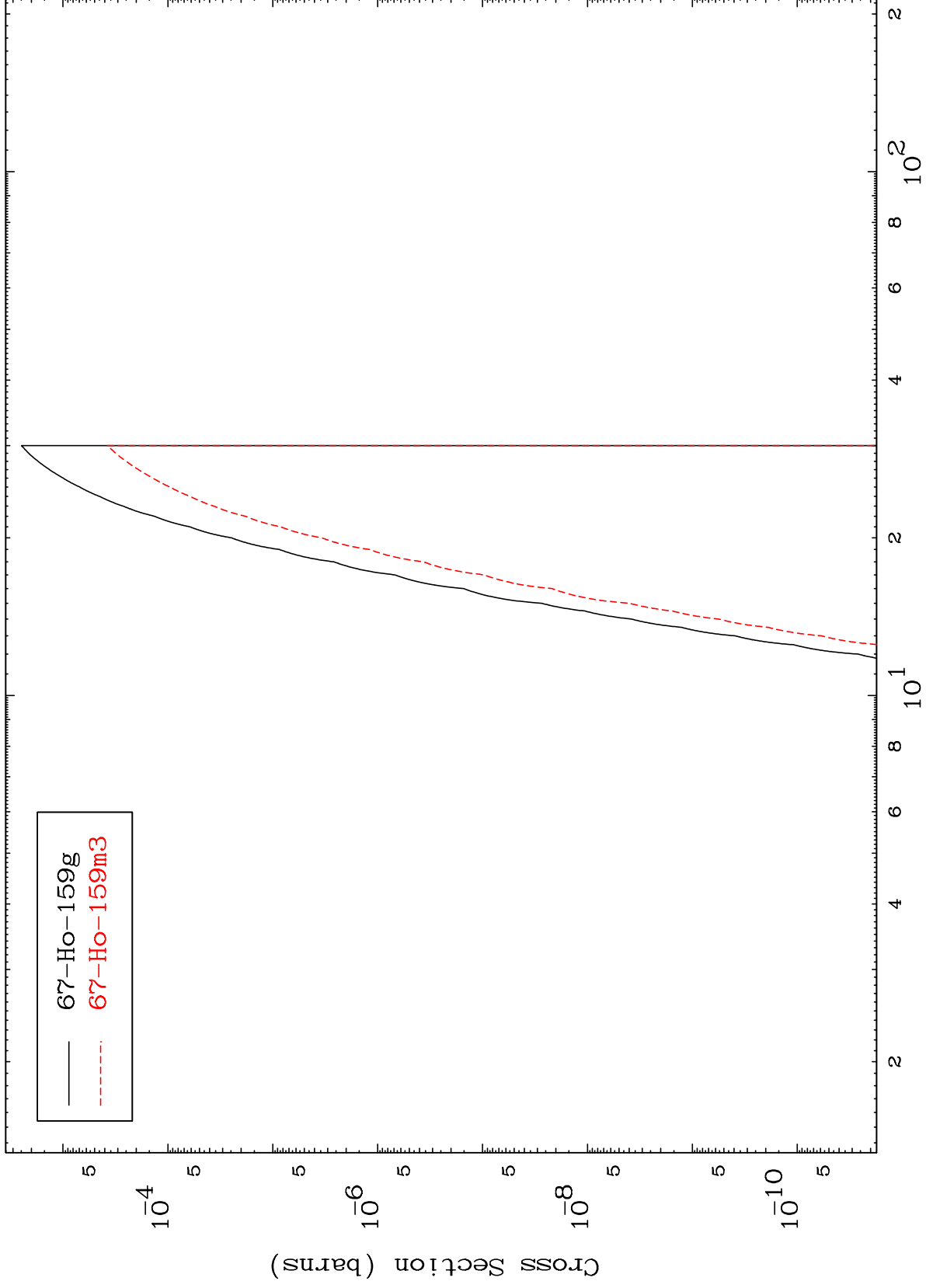


MAT 6901

(n,He-3)

69-Tm-161

Radionuclide Production Cross Section

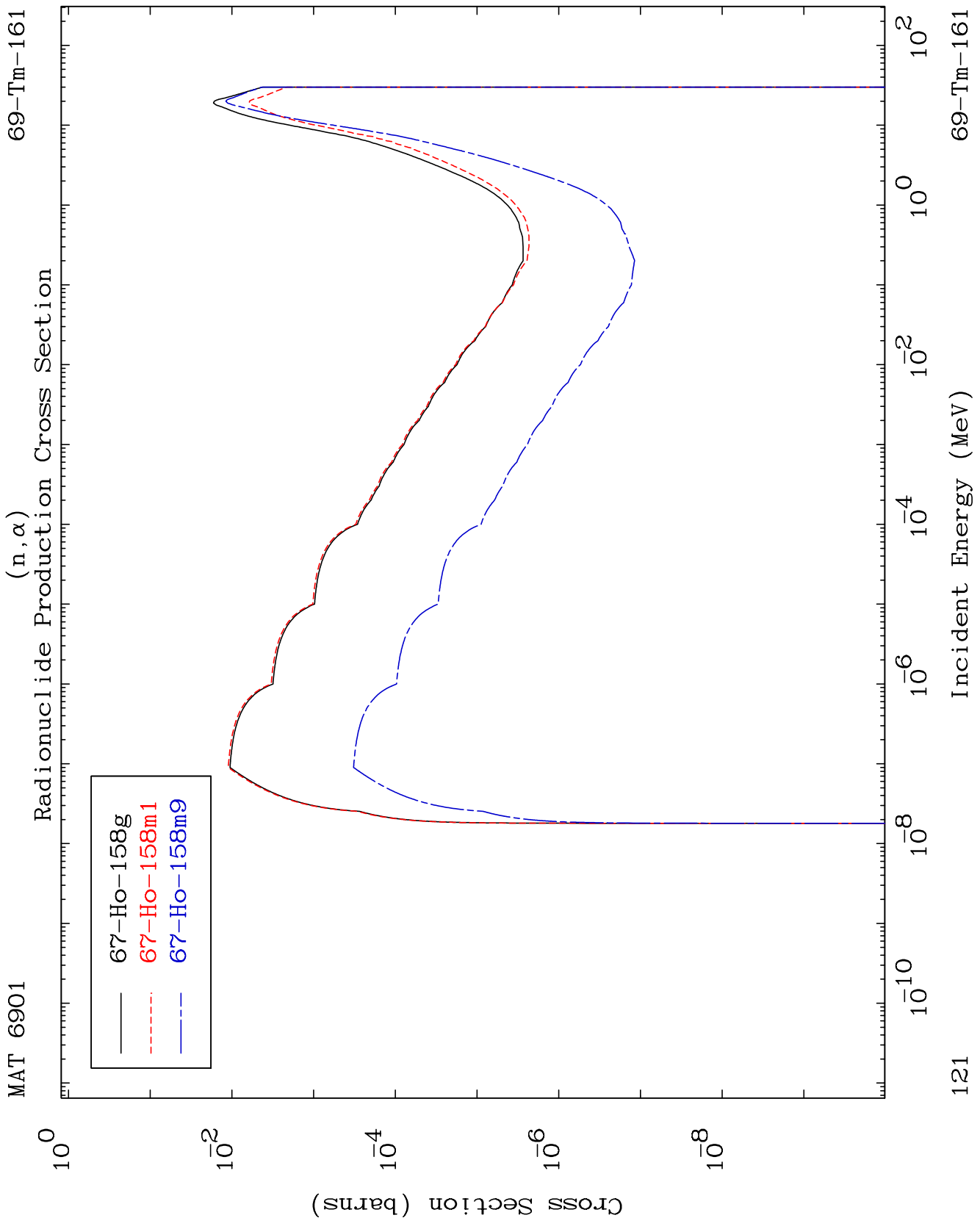


67-Ho-159g  
67-Ho-159m3

120

Incident Energy (MeV)

69-Tm-161

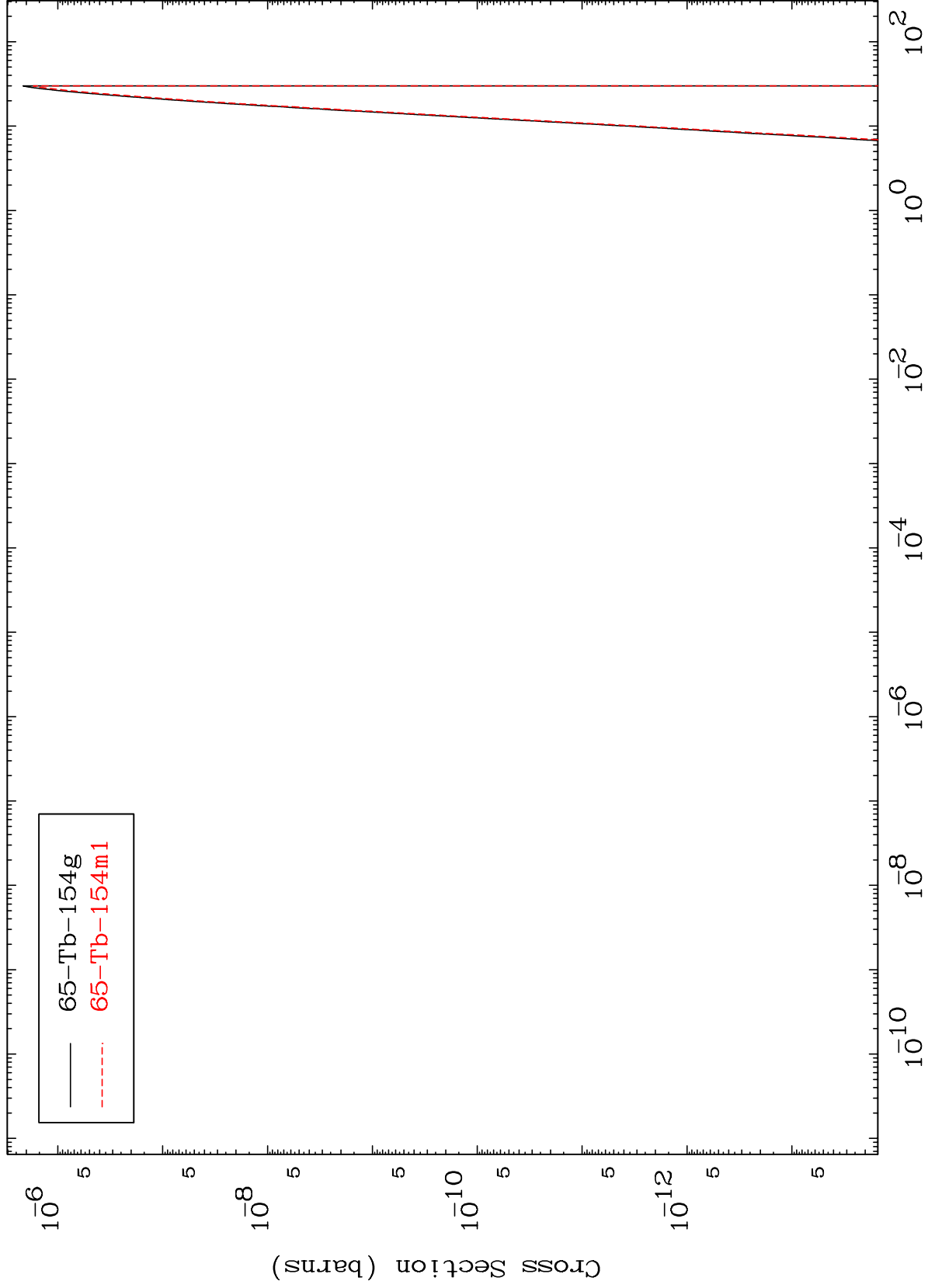


MAT 6901

(n,2α)

69-Tm-161

Radionuclide Production Cross Section



122

Incident Energy (MeV)

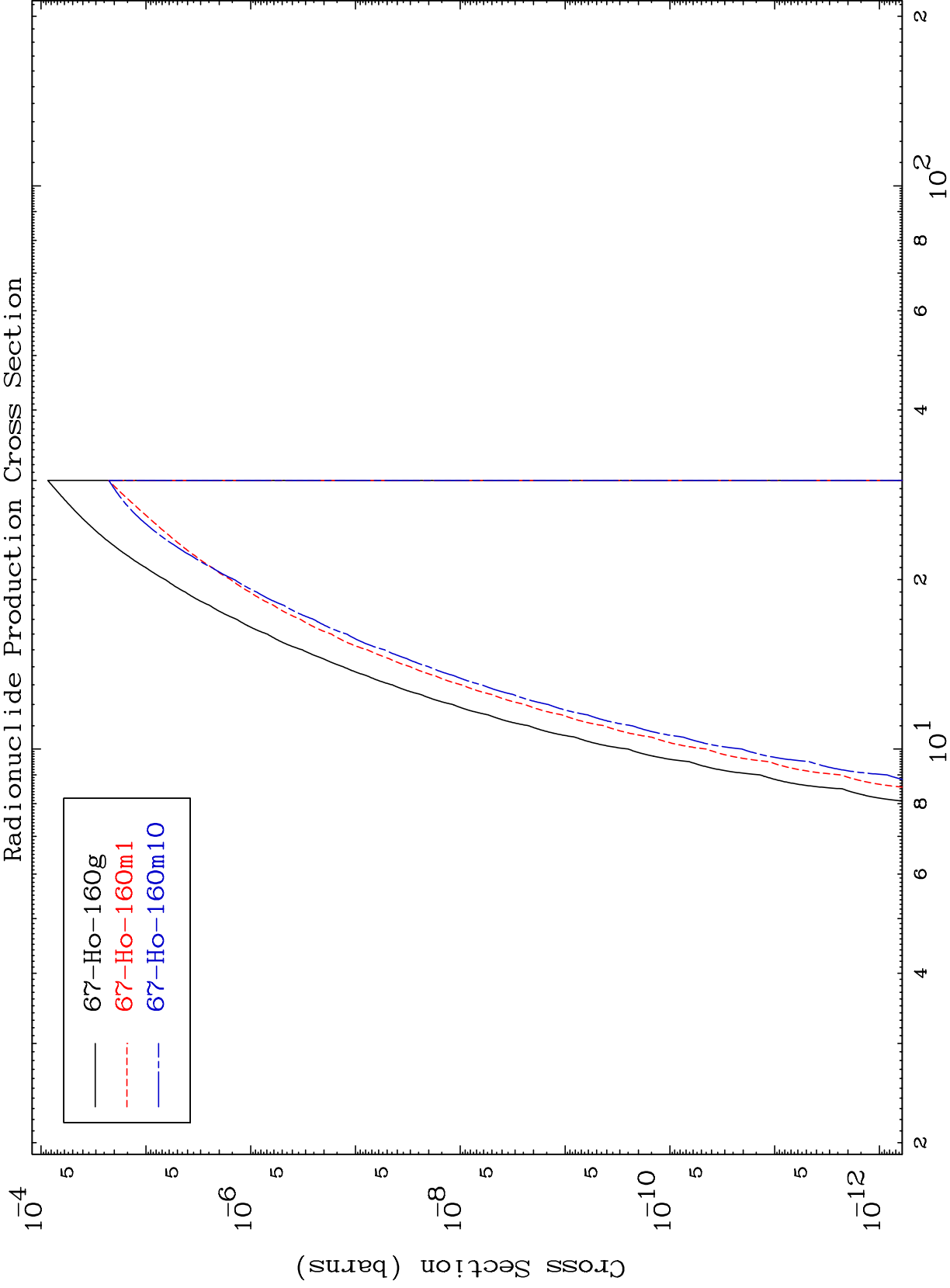
69-Tm-161

MAT 6901

(n,2p)

69-Tm-161

Radionuclide Production Cross Section



123

Incident Energy (MeV)

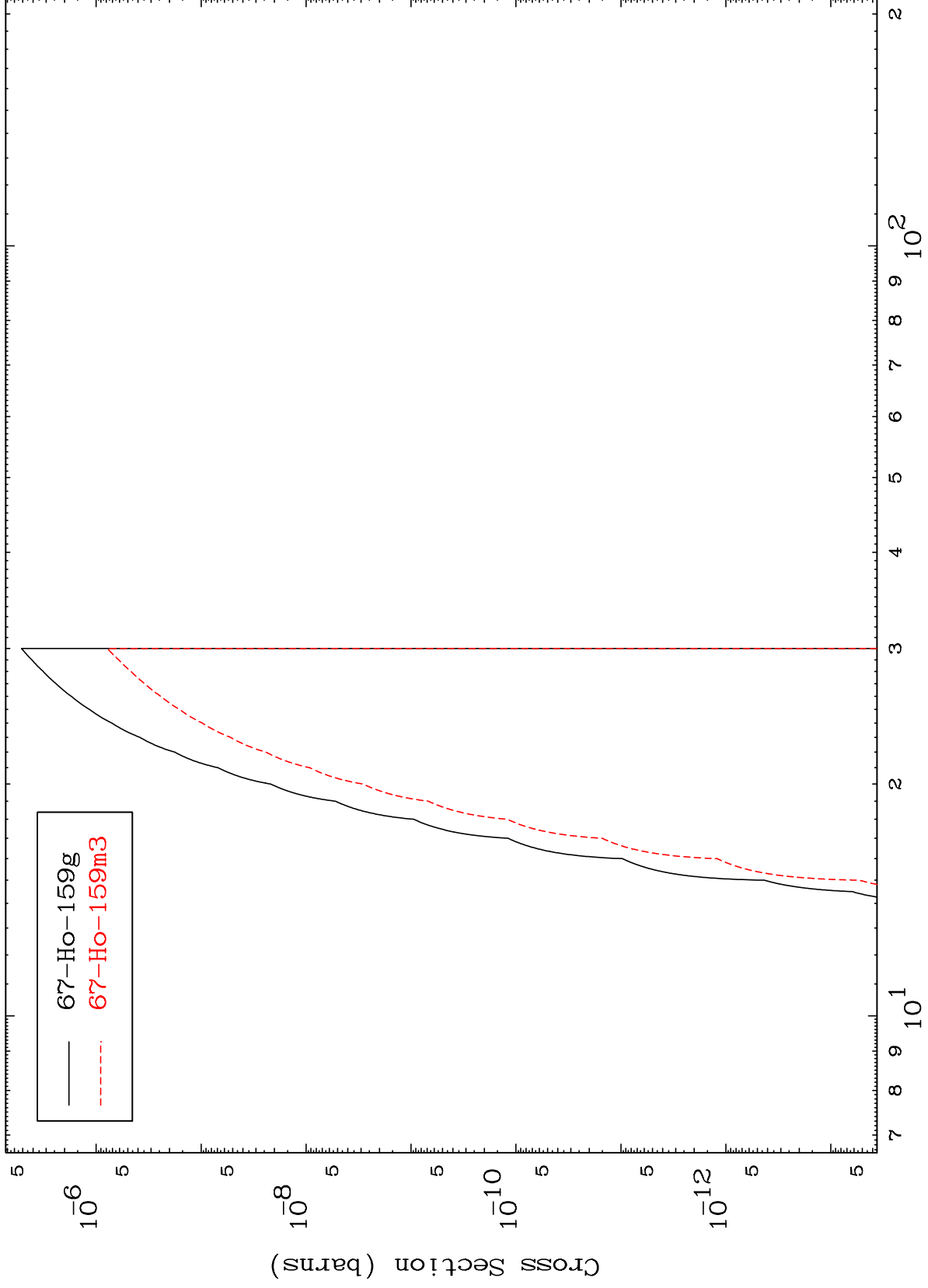
69-Tm-161

MAT 6901

(n,p) d

69-Tm-161

Radionuclide Production Cross Section



124

Incident Energy (MeV)

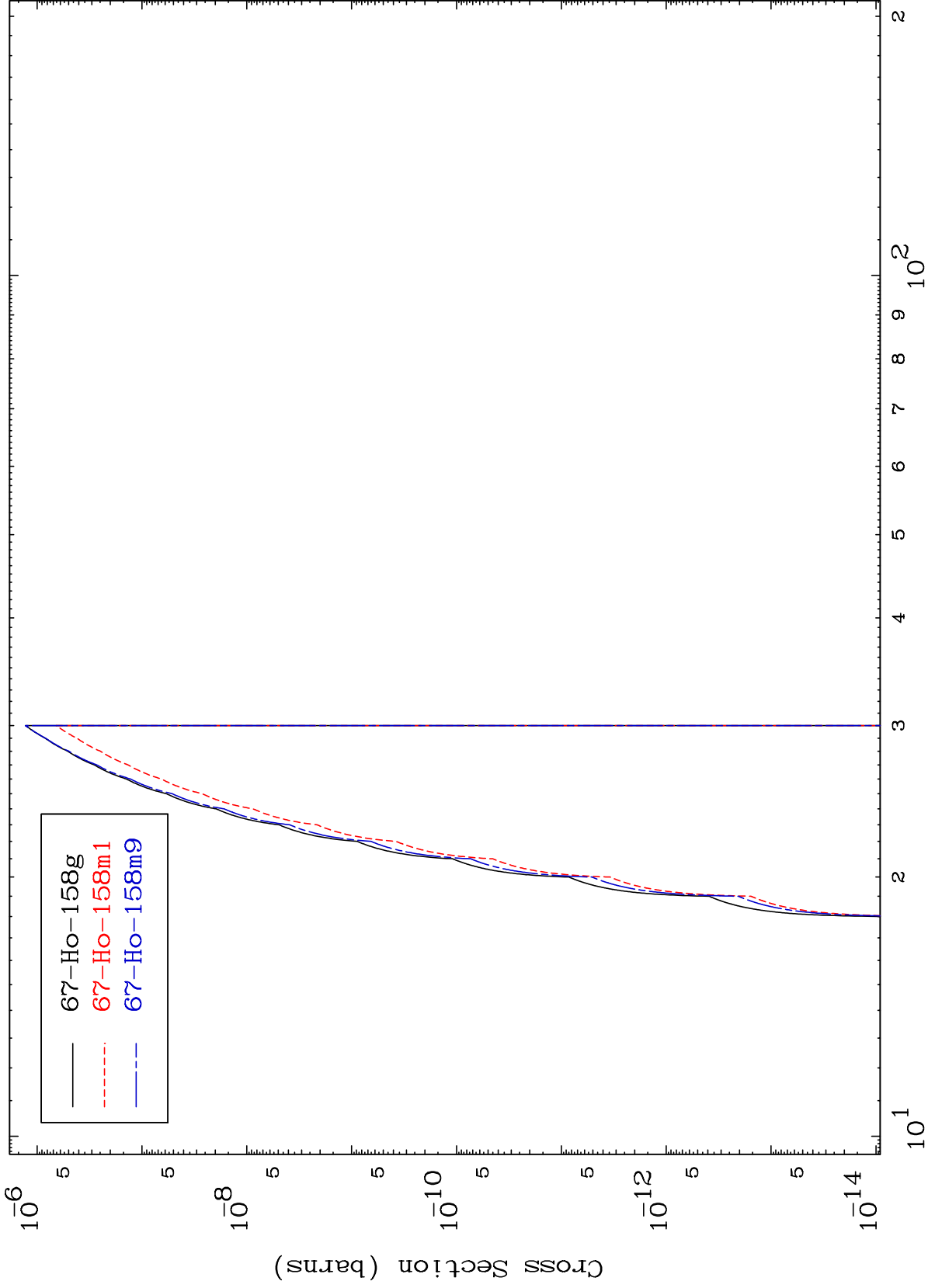
69-Tm-161

MAT 6901

(n,p) t

69-Tm-161

Radionuclide Production Cross Section



125

Incident Energy (MeV)

69-Tm-161