

Program EVALPLOT  
(Version 2021-1)

by

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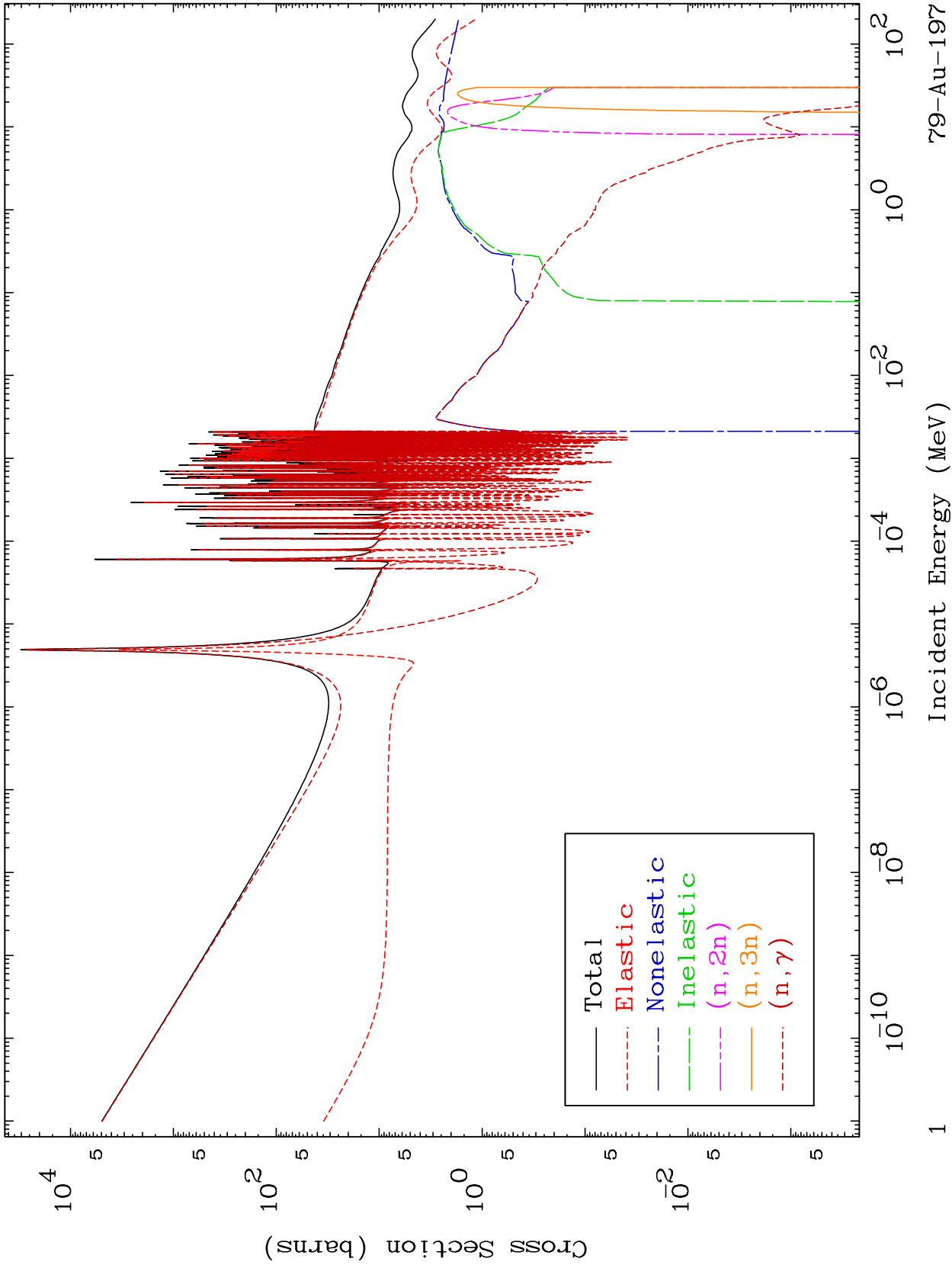
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Press Mouse Button to Start

MAT 7925

Neutron Major  
293 Kelvin Cross Sections

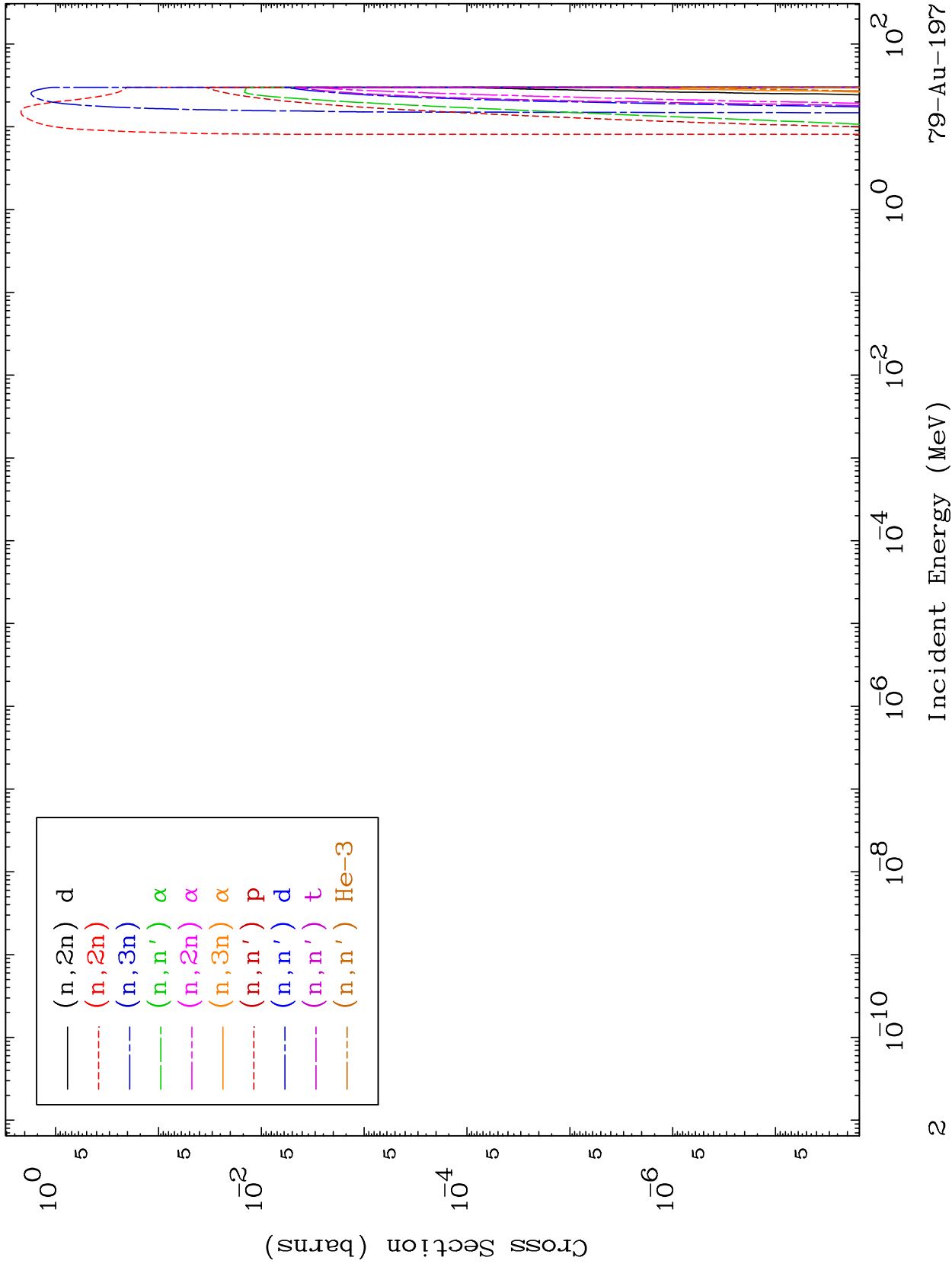
79-Au-197



MAT 7925

Neutron Absorption  
293 Kelvin Cross Sections

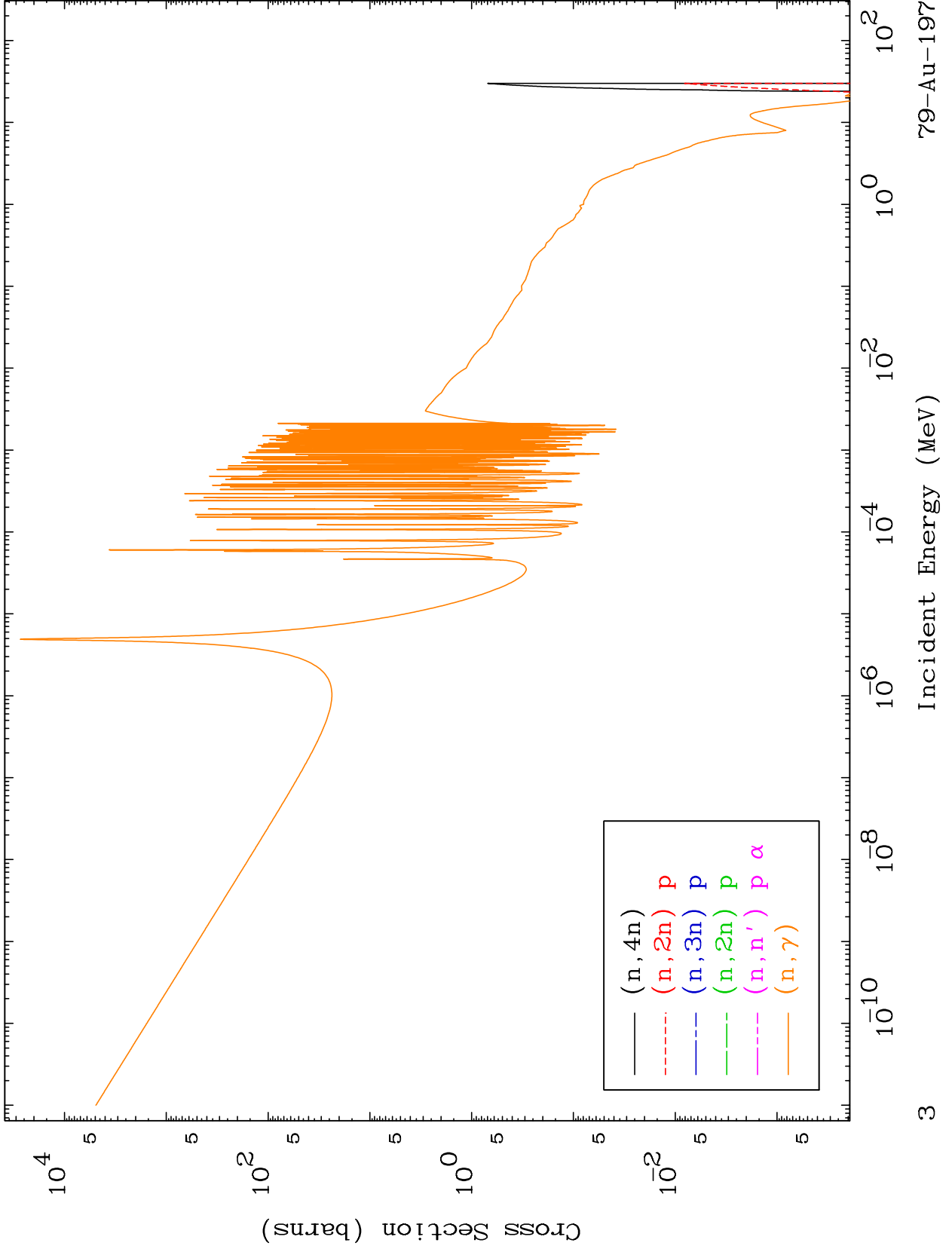
79-Au-197



MAT 7925

Neutron Absorption  
293 Kelvin Cross Sections

79-Au-197

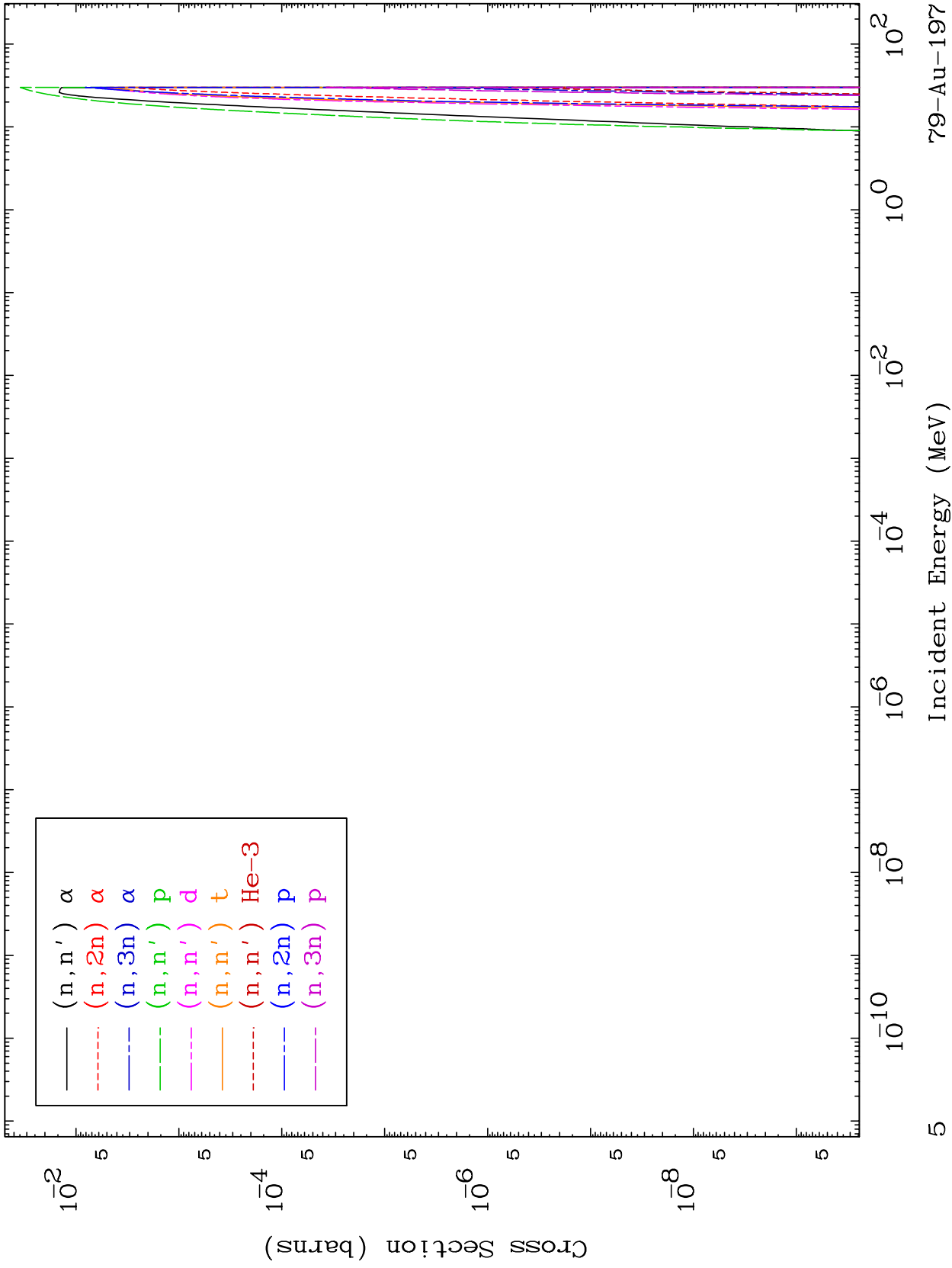




MAT 7925

Charged Particle  
293 Kelvin Cross Sections

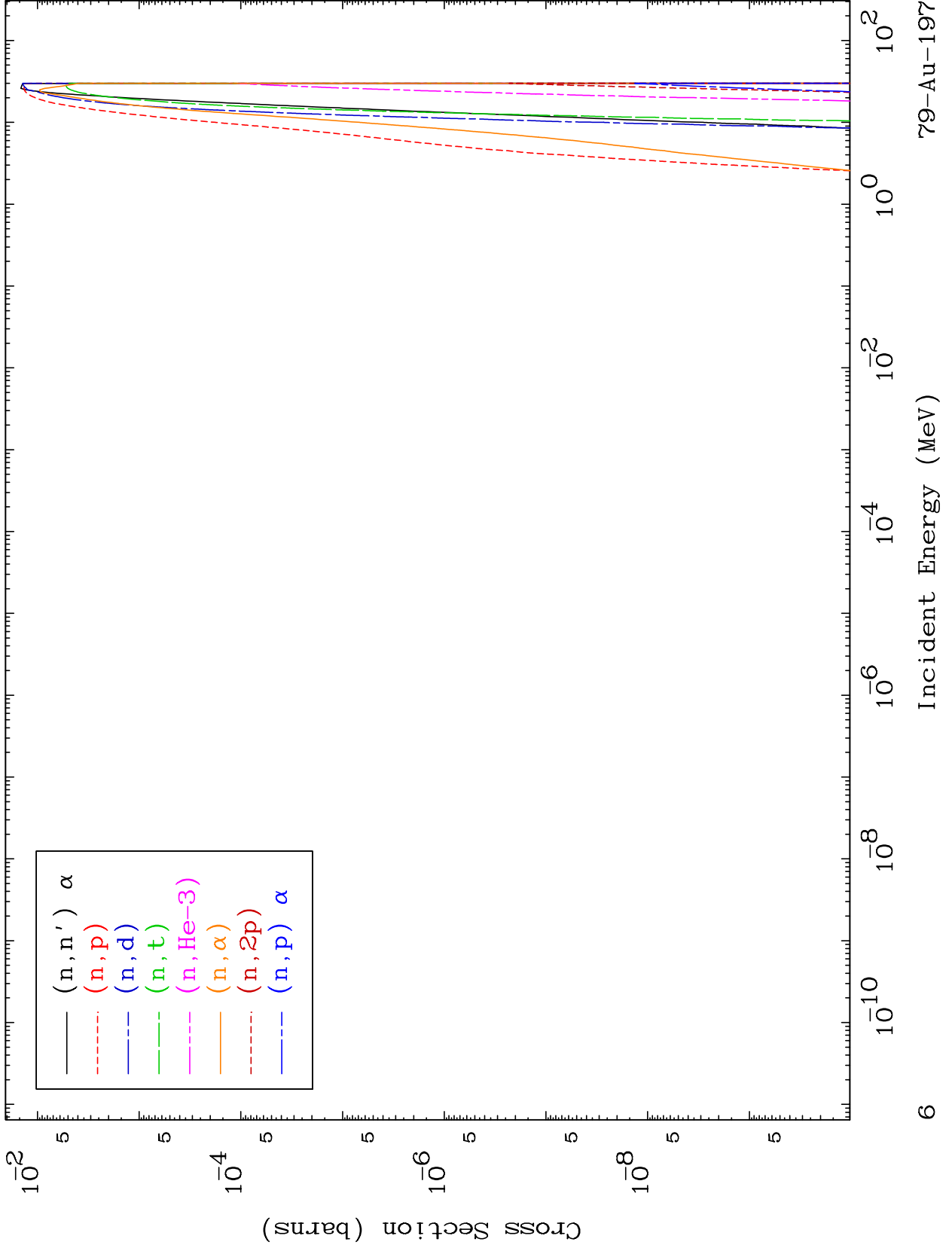
79-Au-197



MAT 7925

Charged Particle  
293 Kelvin Cross Sections

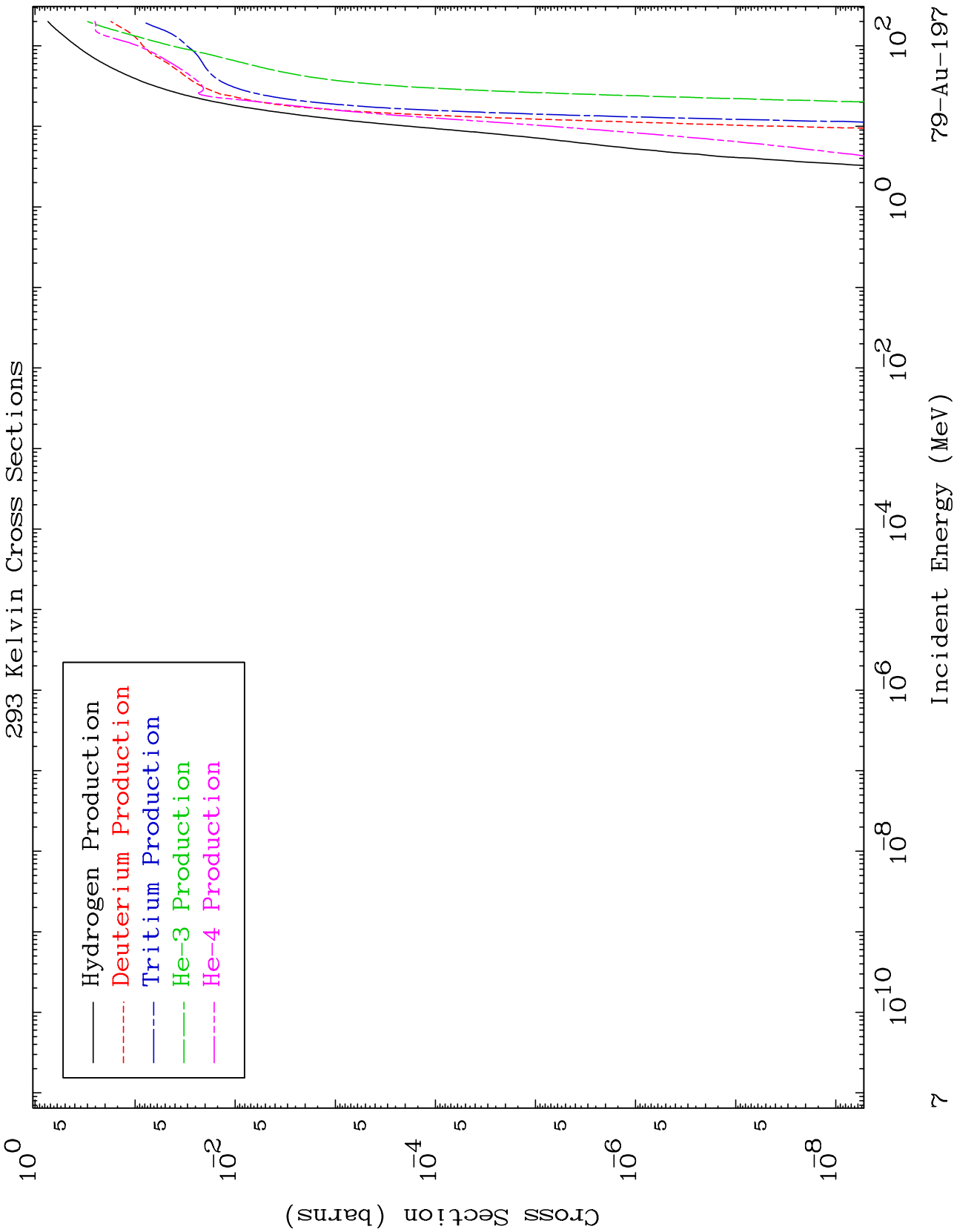
79-Au-197



MAT 7925

Particle Production  
293 Kelvin Cross Sections

79-Au-197

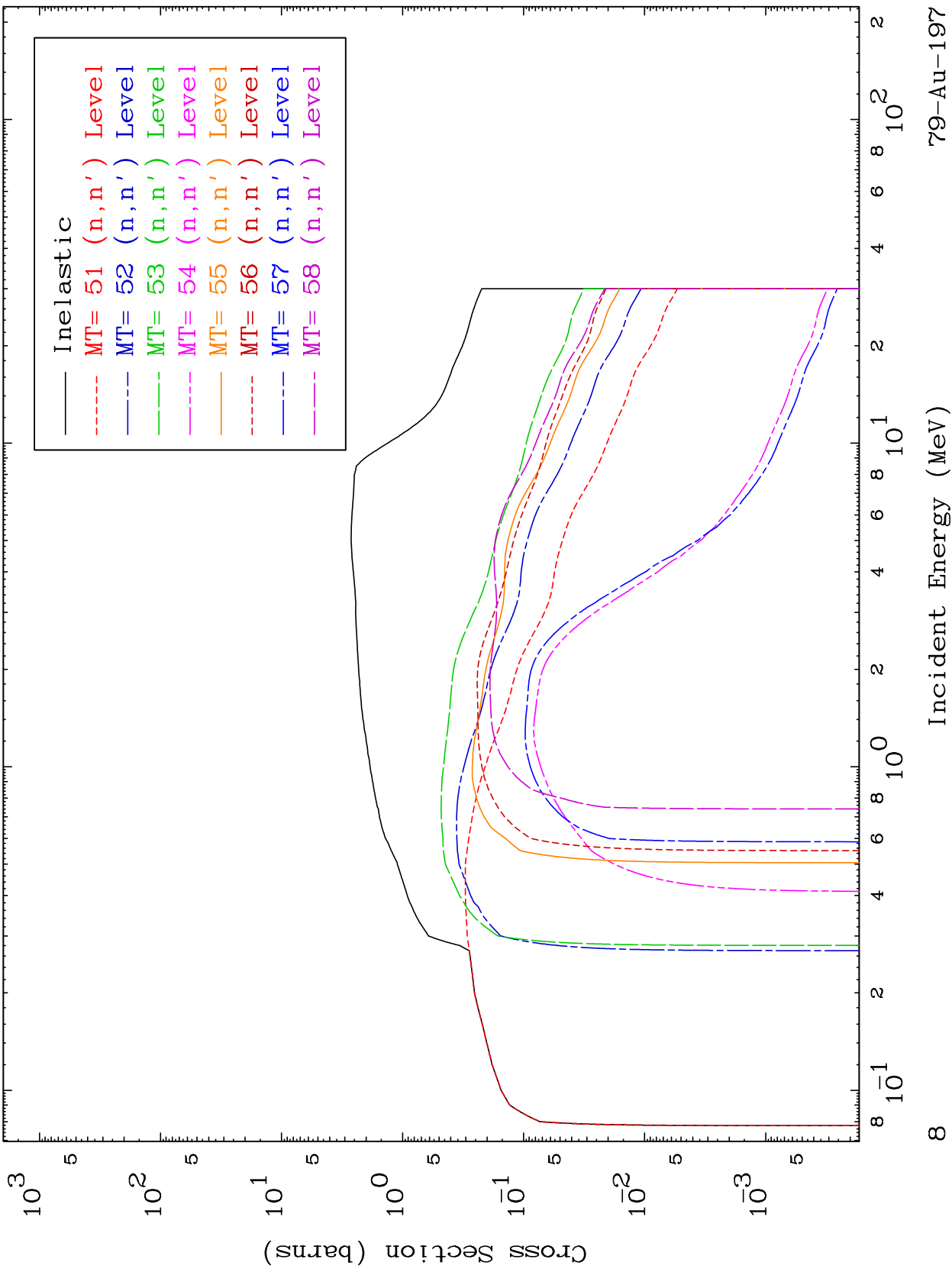




MAT 7925

(n,n') Levels  
293 Kelvin Cross Sections

79-Au-197



79-Au-197

Incident Energy (MeV)

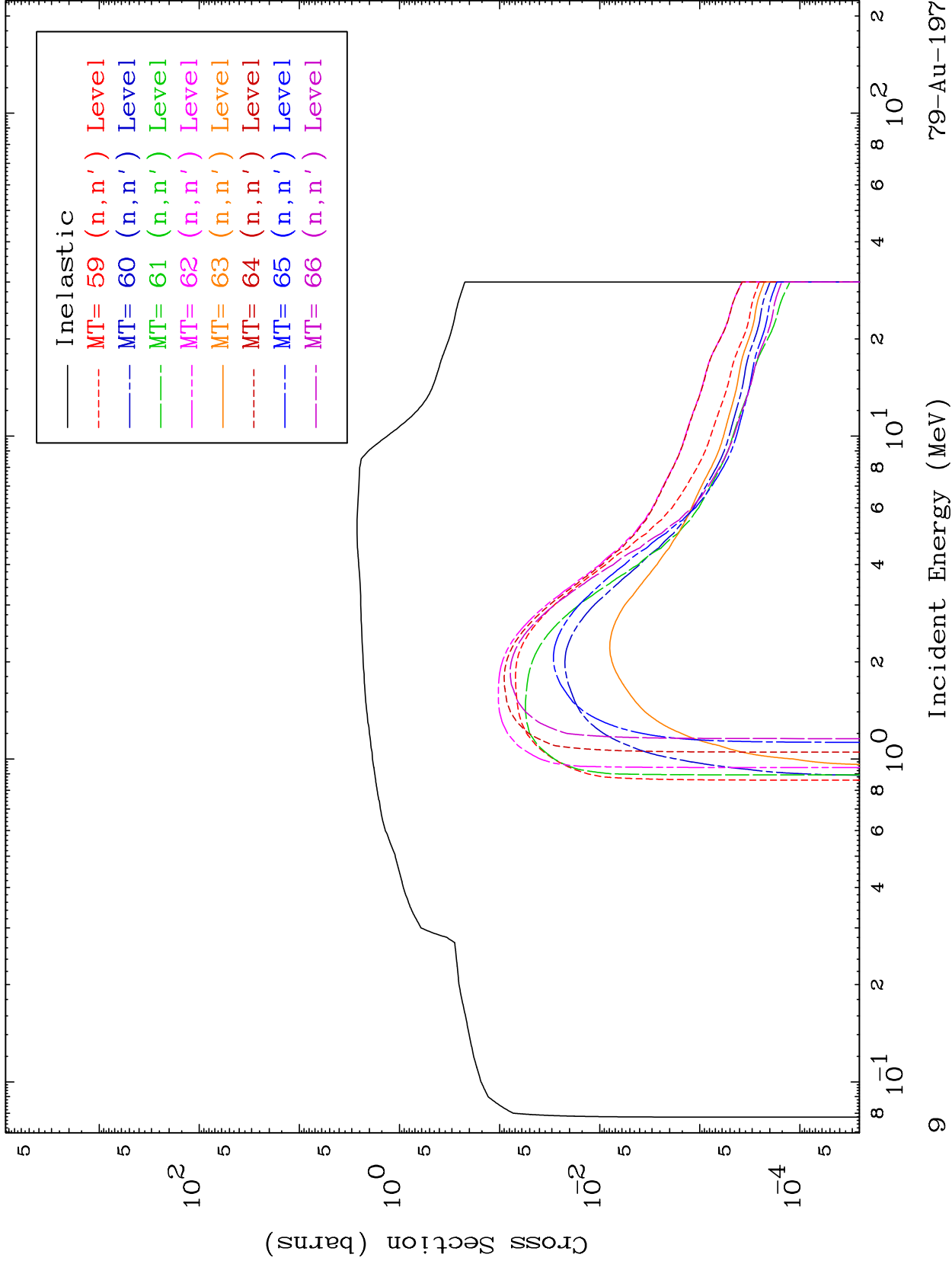
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MAT 7925

(n,n') Levels

79-Au-197

293 Kelvin Cross Sections



9

Incident Energy (MeV)

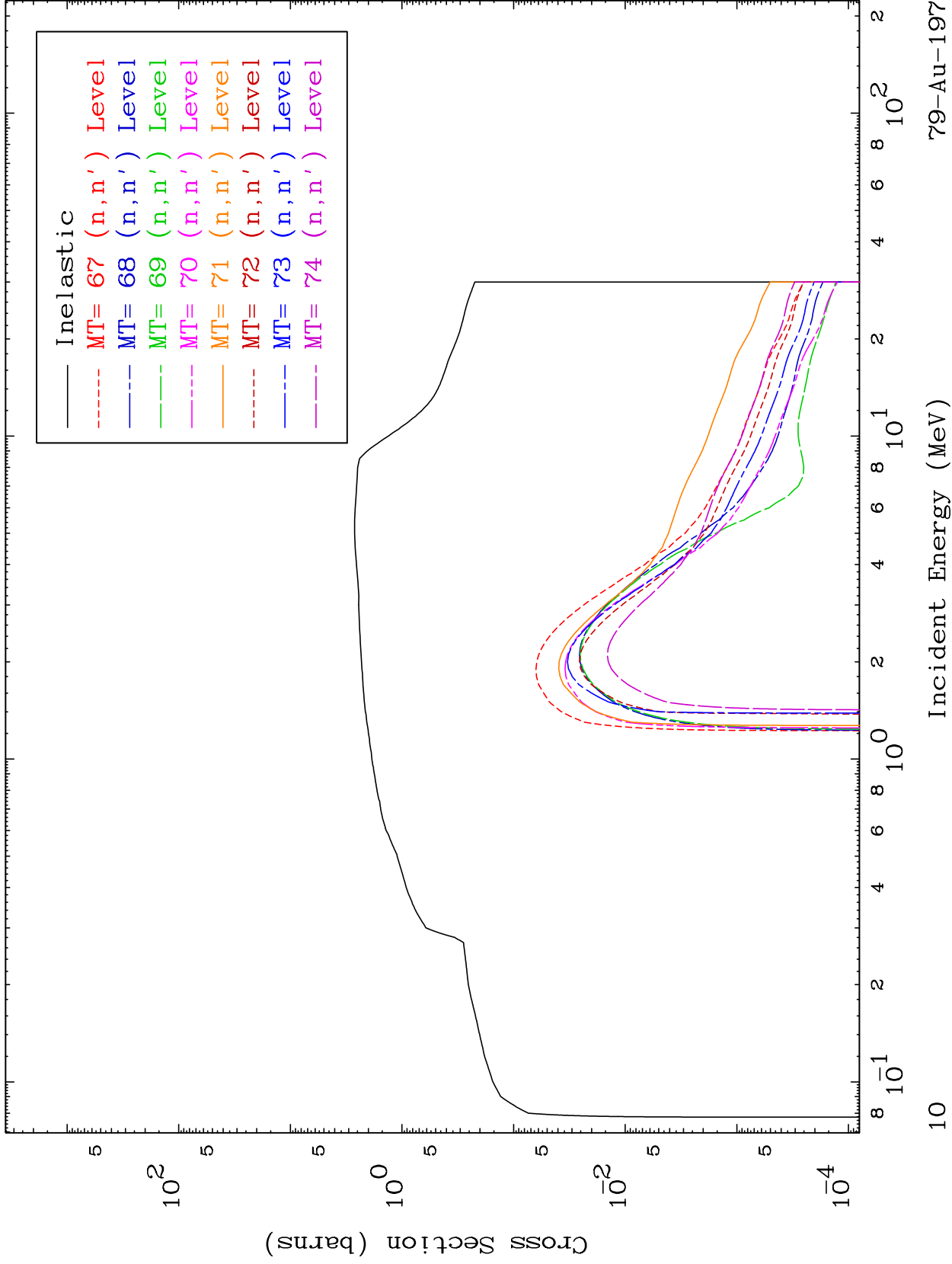
79-Au-197

MAT 7925

(n,n') Levels

79-Au-197

293 Kelvin Cross Sections



79-Au-197

Incident Energy (MeV)

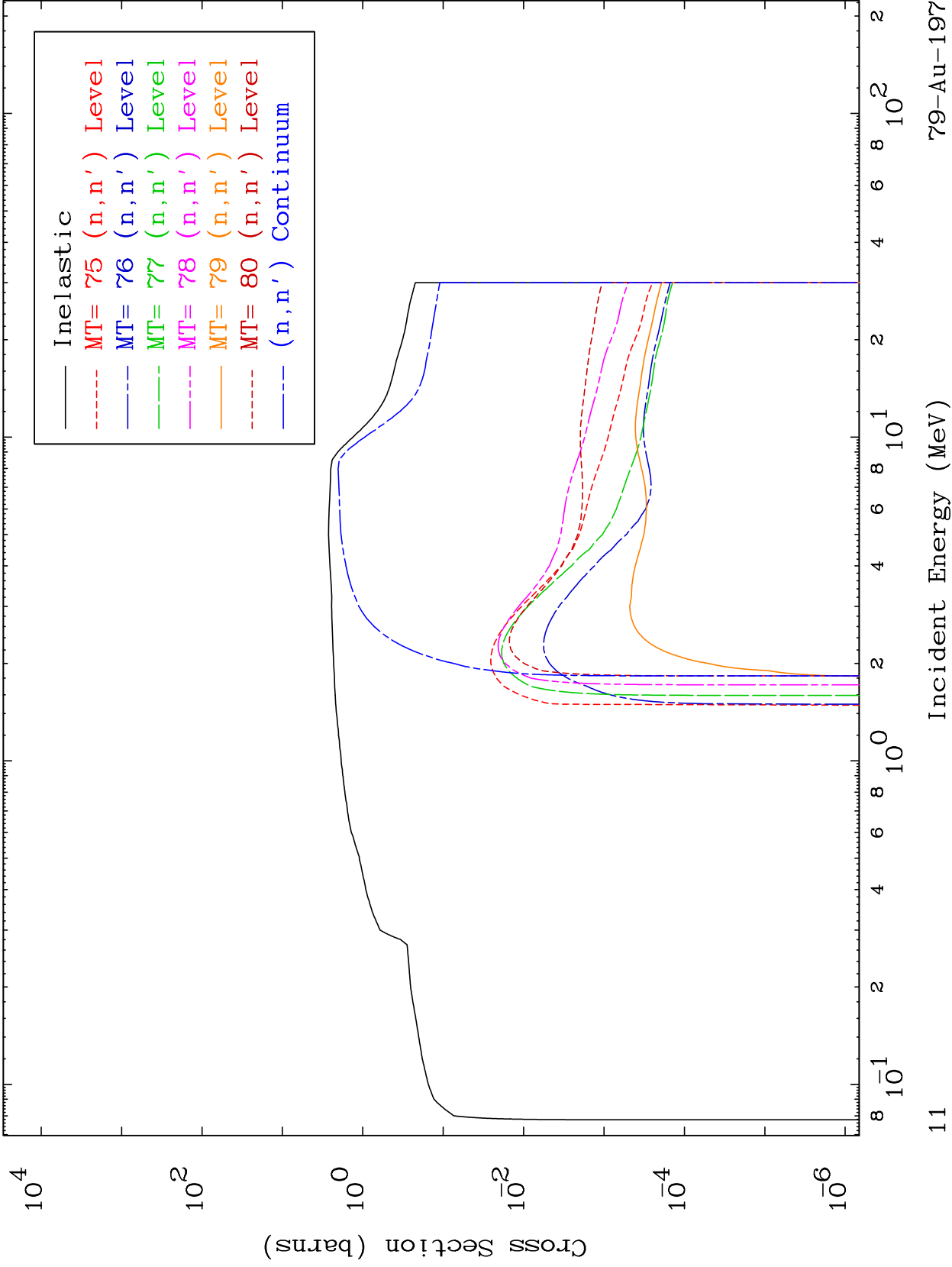
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MAT 7925

(n,n') Levels

79-Au-197

293 Kelvin Cross Sections



11

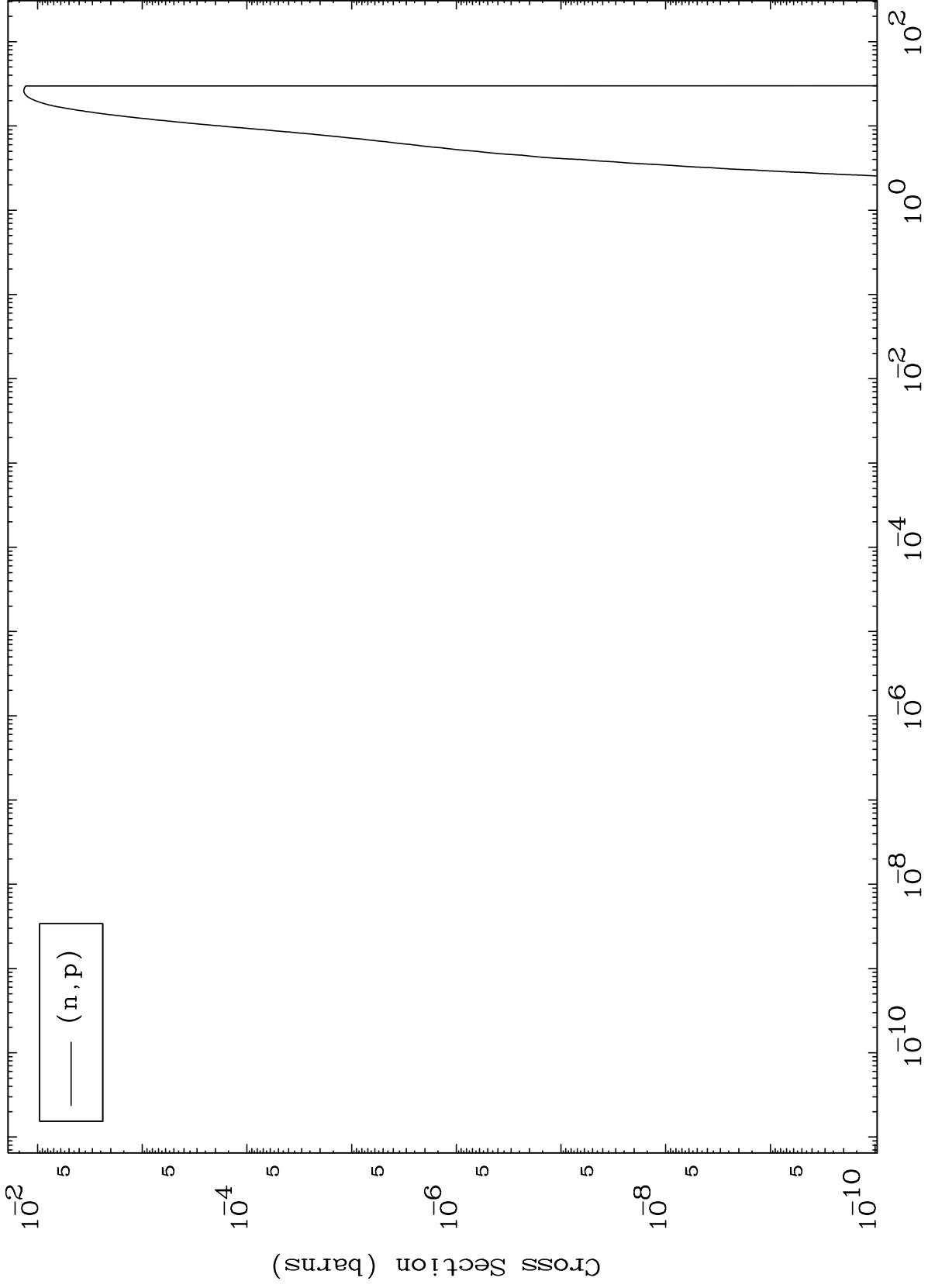
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-197



12

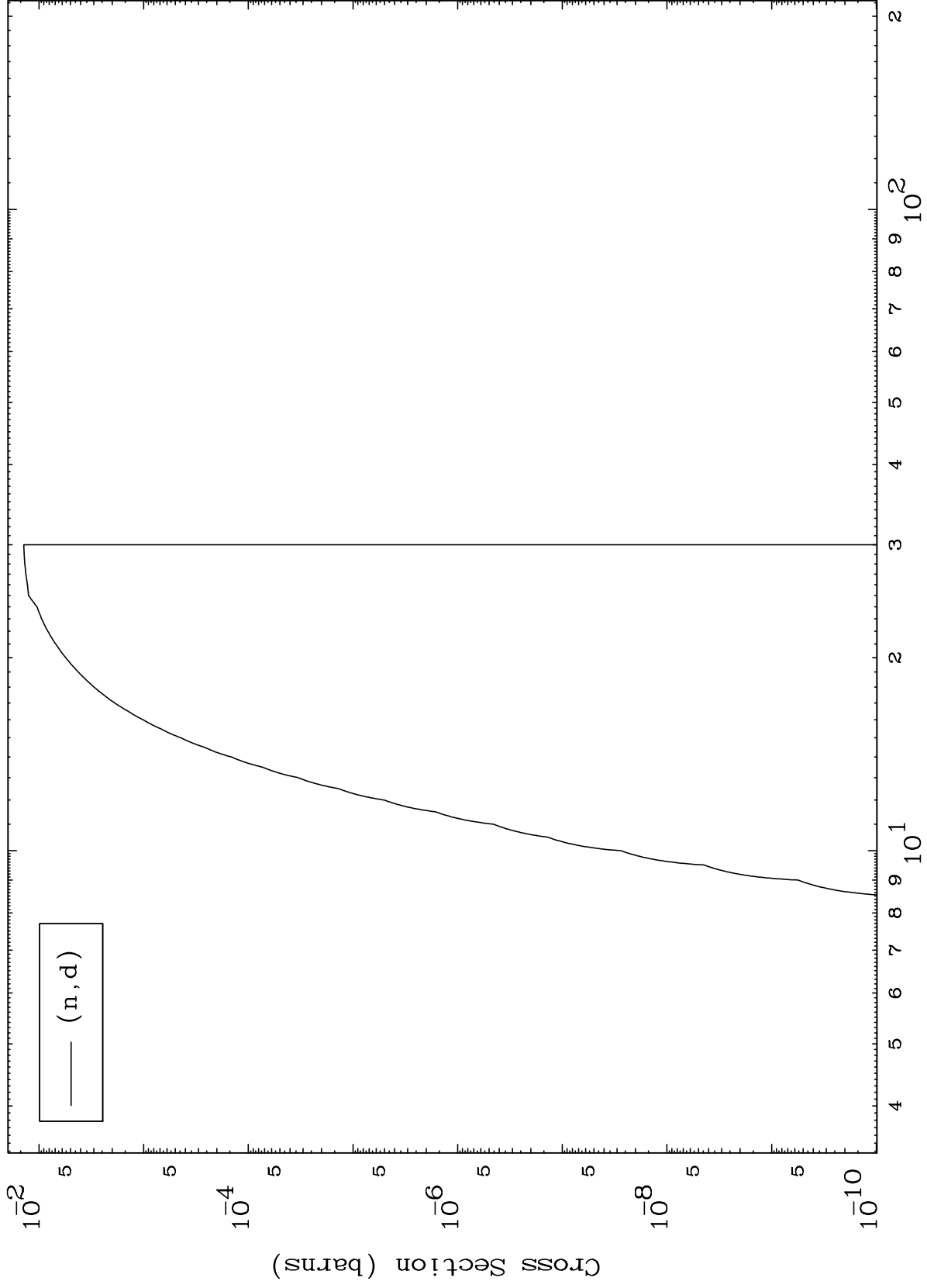
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-197



13

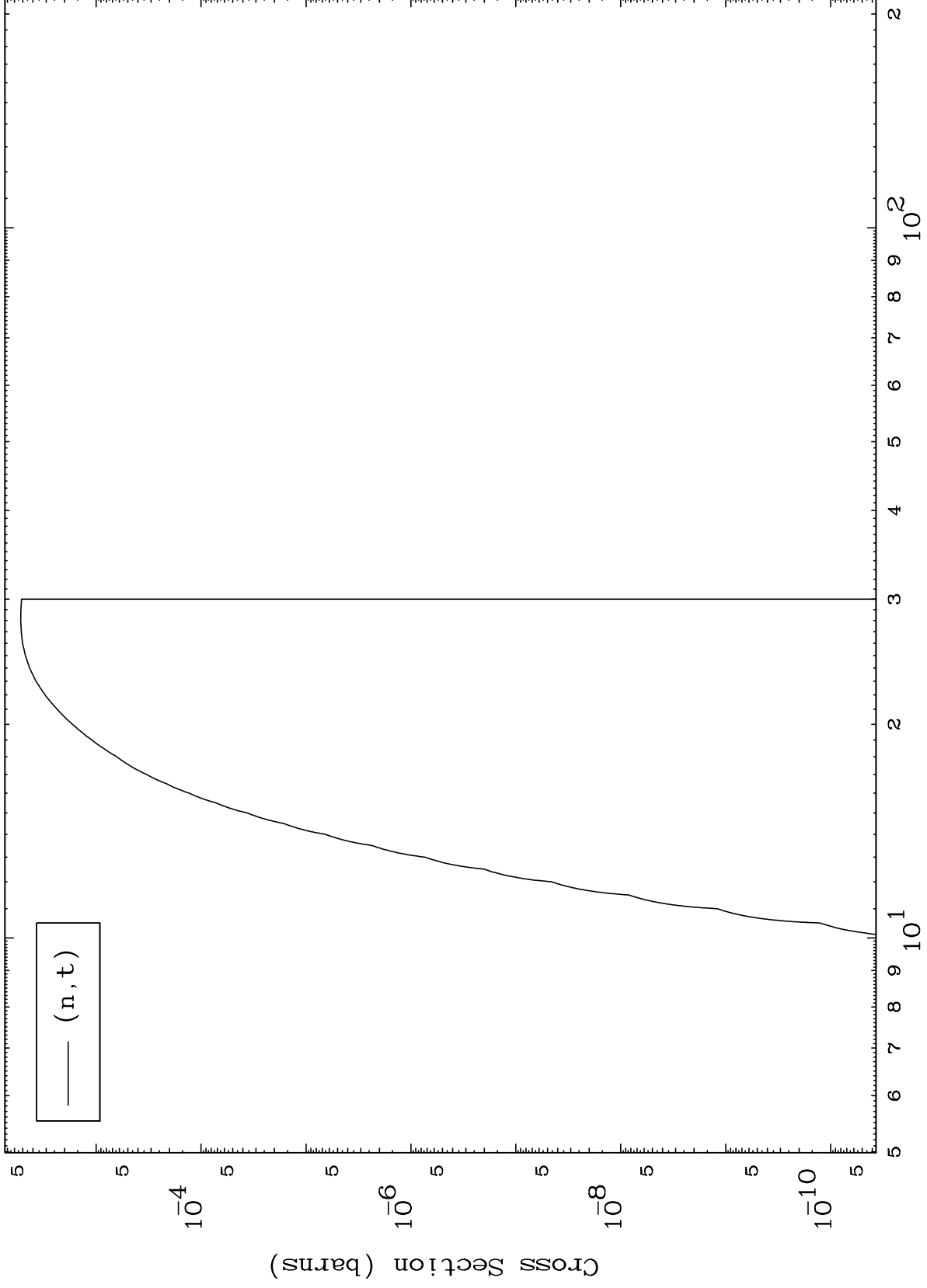
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-197



(n,t)

14

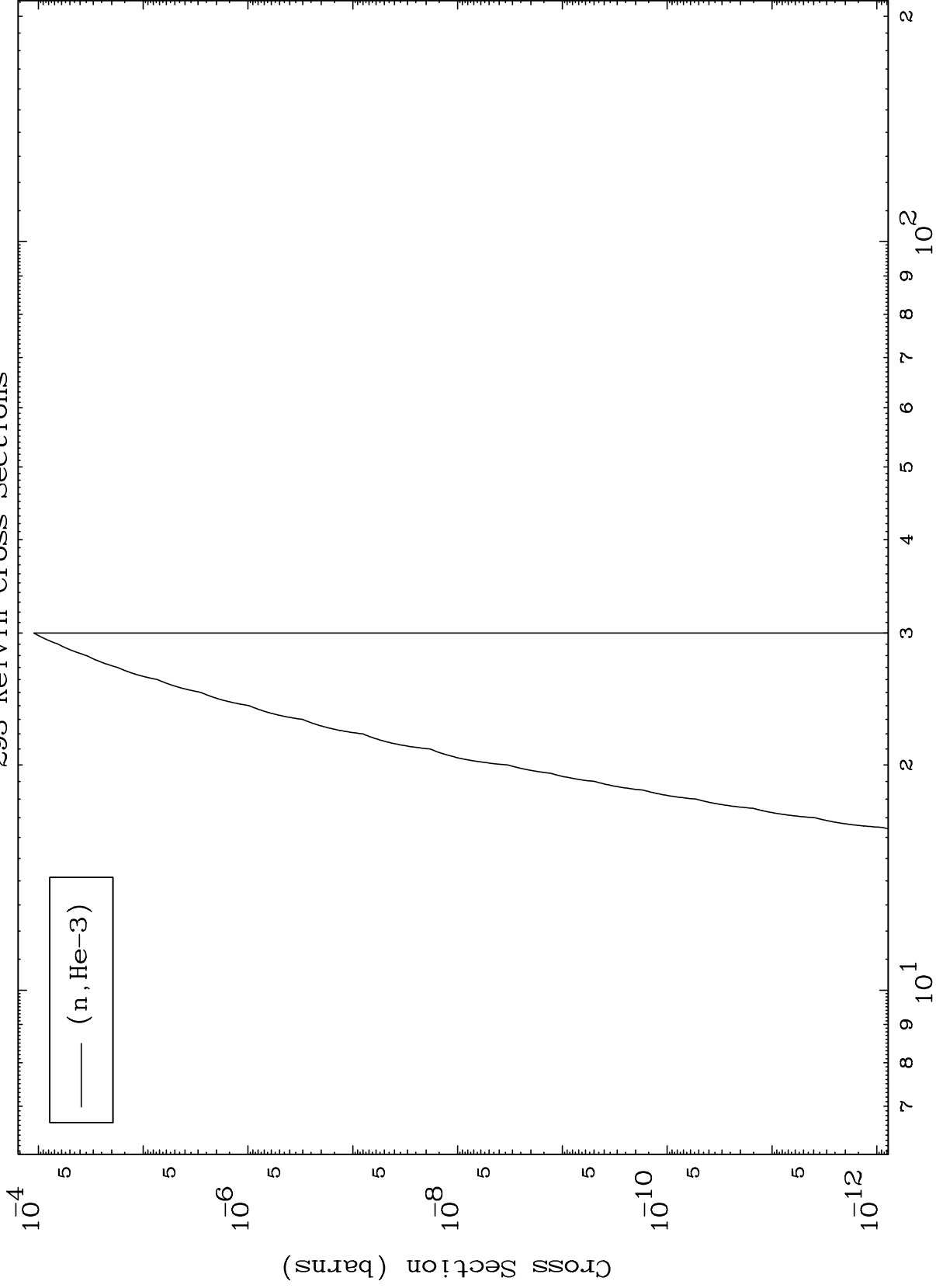
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-197



15

Incident Energy (MeV)

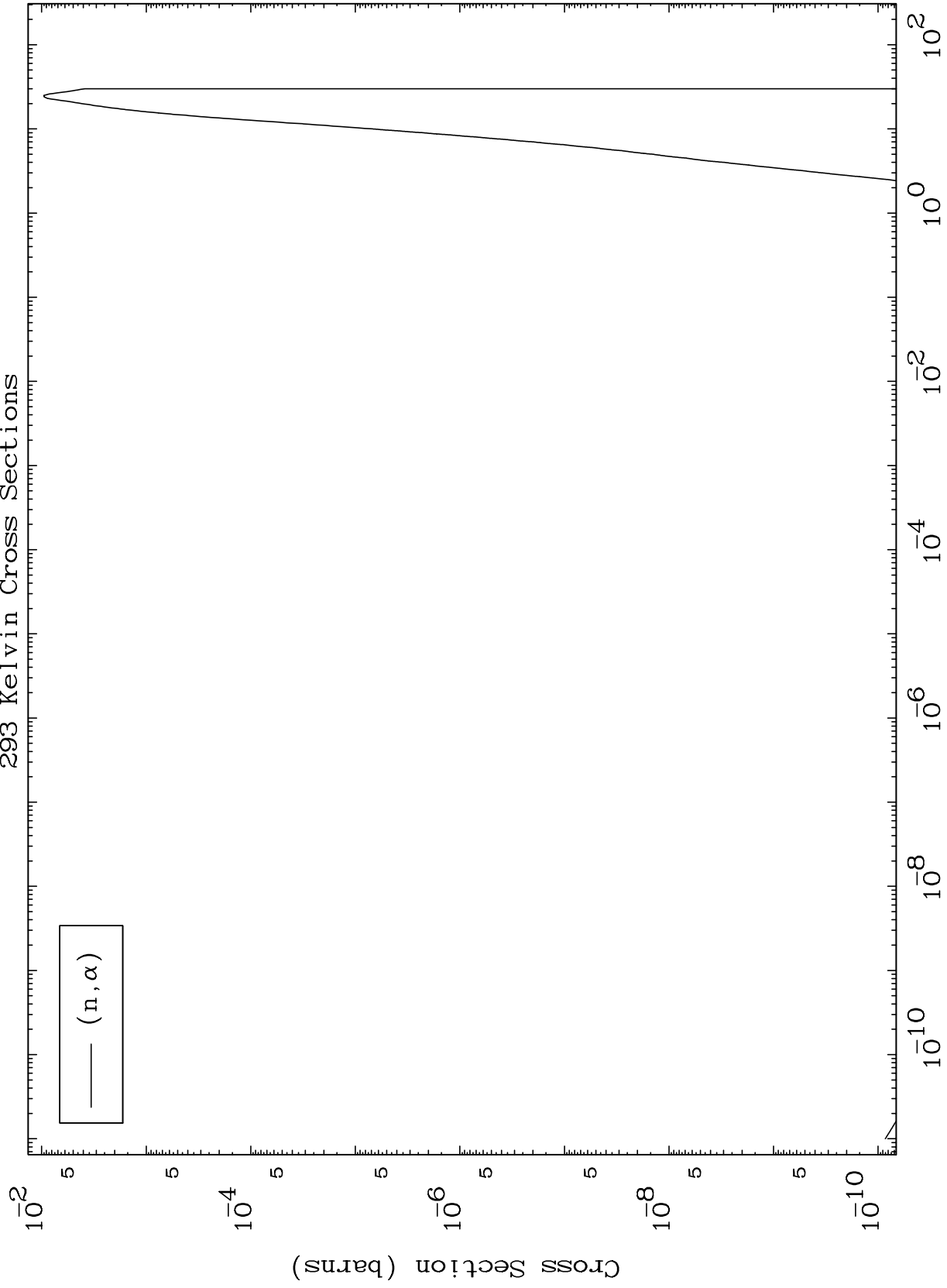
79-Au-197



MAT 7925

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

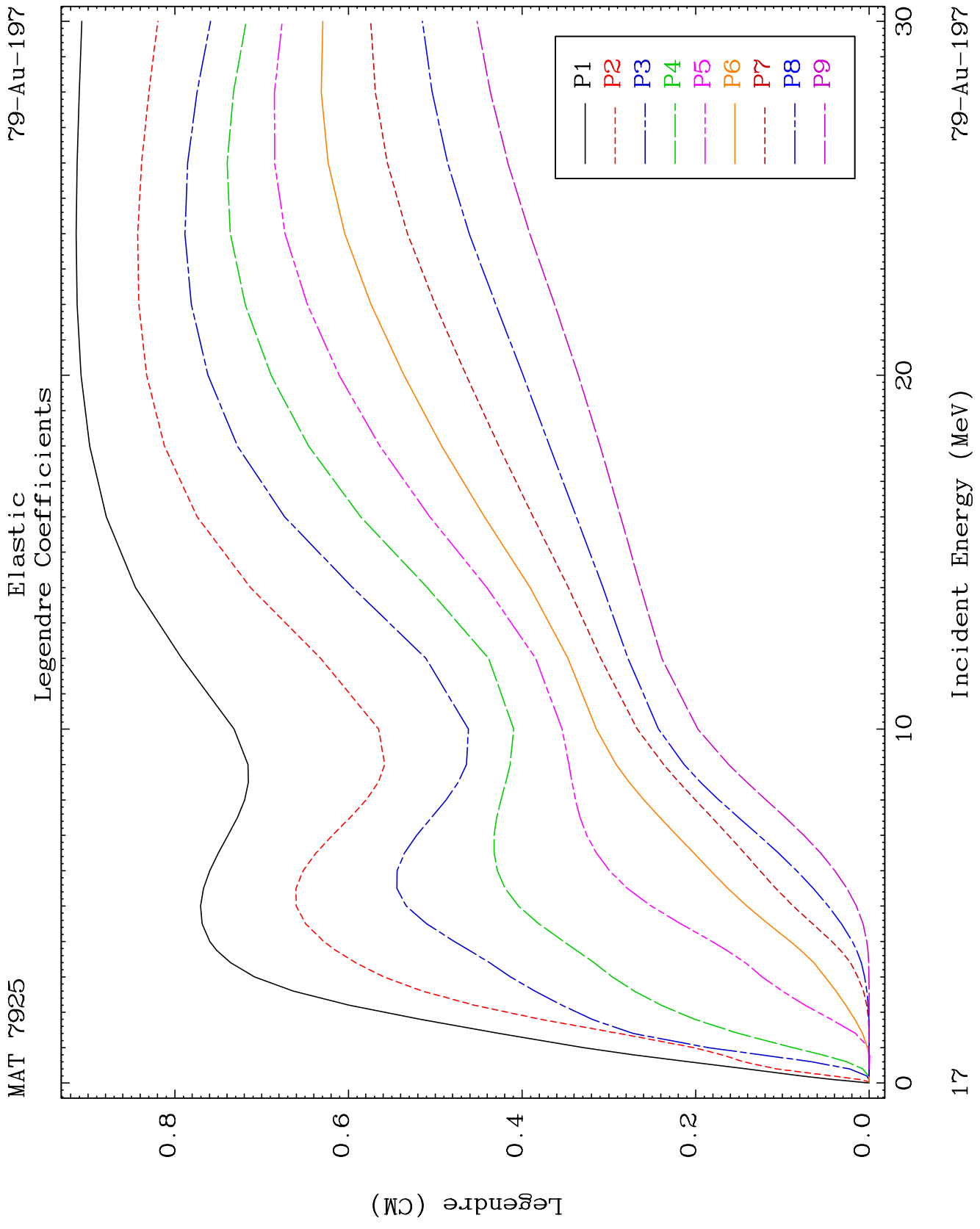
79-Au-197



16

Incident Energy (MeV)

79-Au-197



79-Au-197

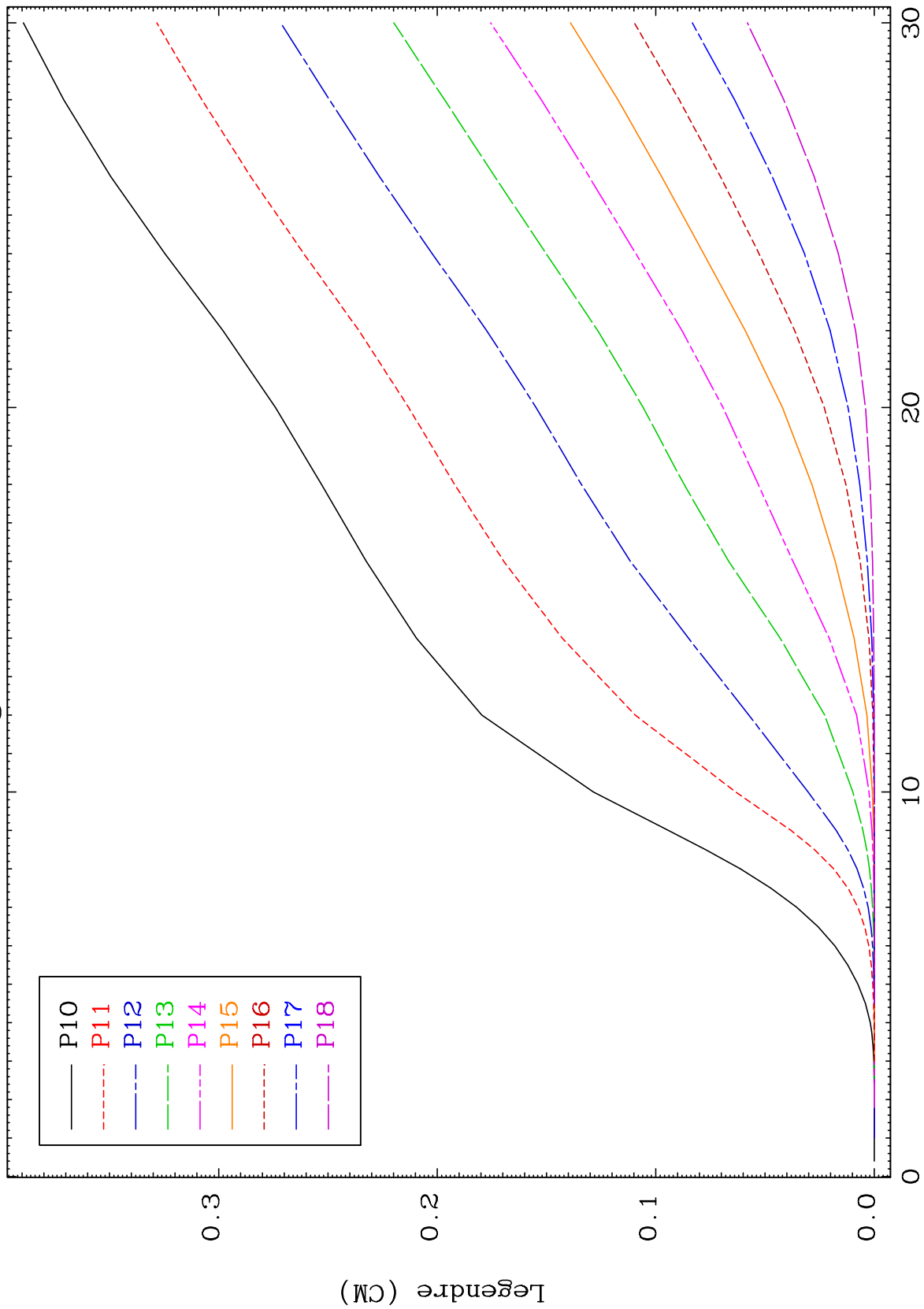
Incident Energy (MeV)

17

MAT 7925

Elastic Legendre Coefficients

79-Au-197



18

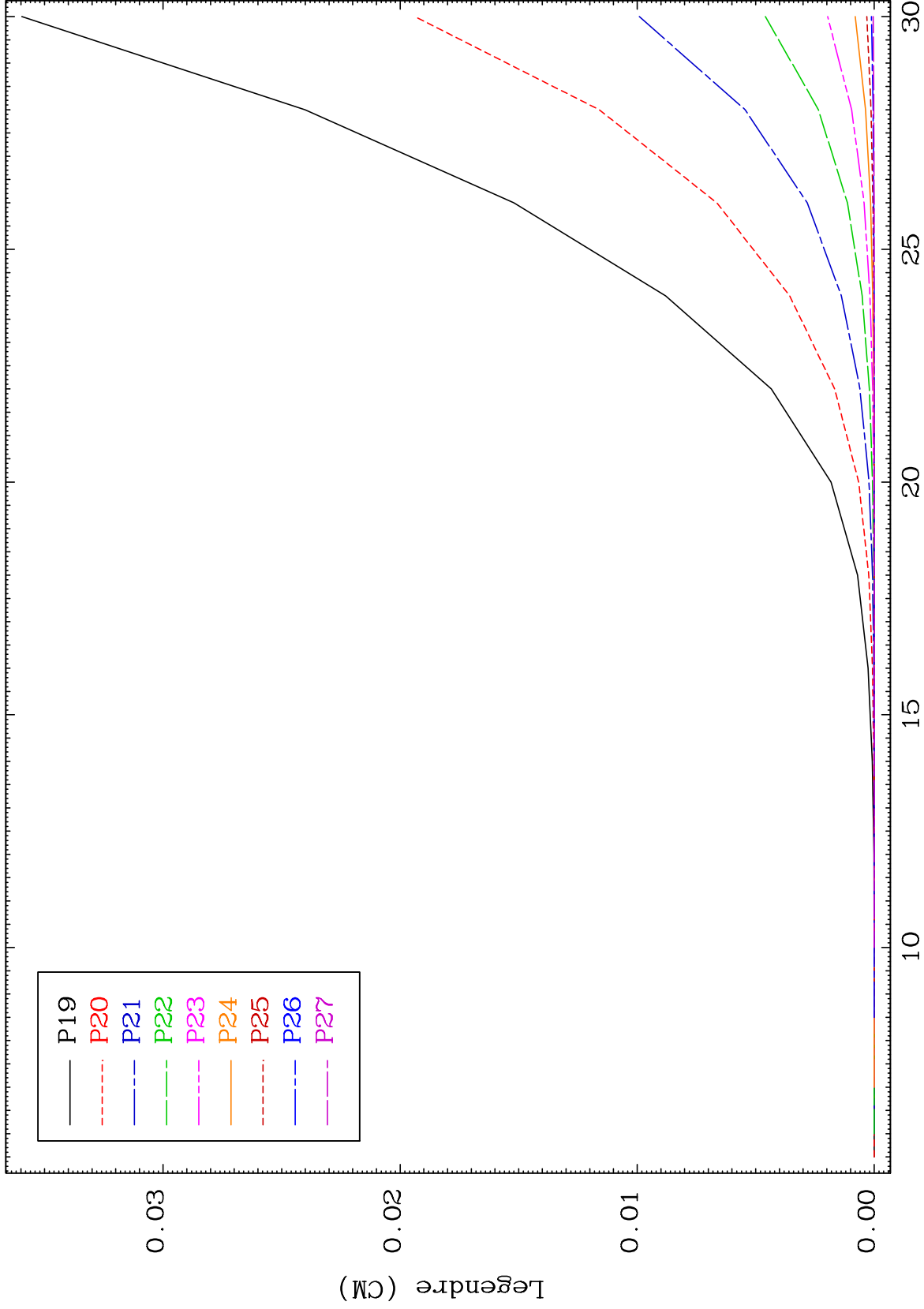
Incident Energy (MeV)

79-Au-197

MAT 7925

### Elastic Legendre Coefficients

79-Au-197



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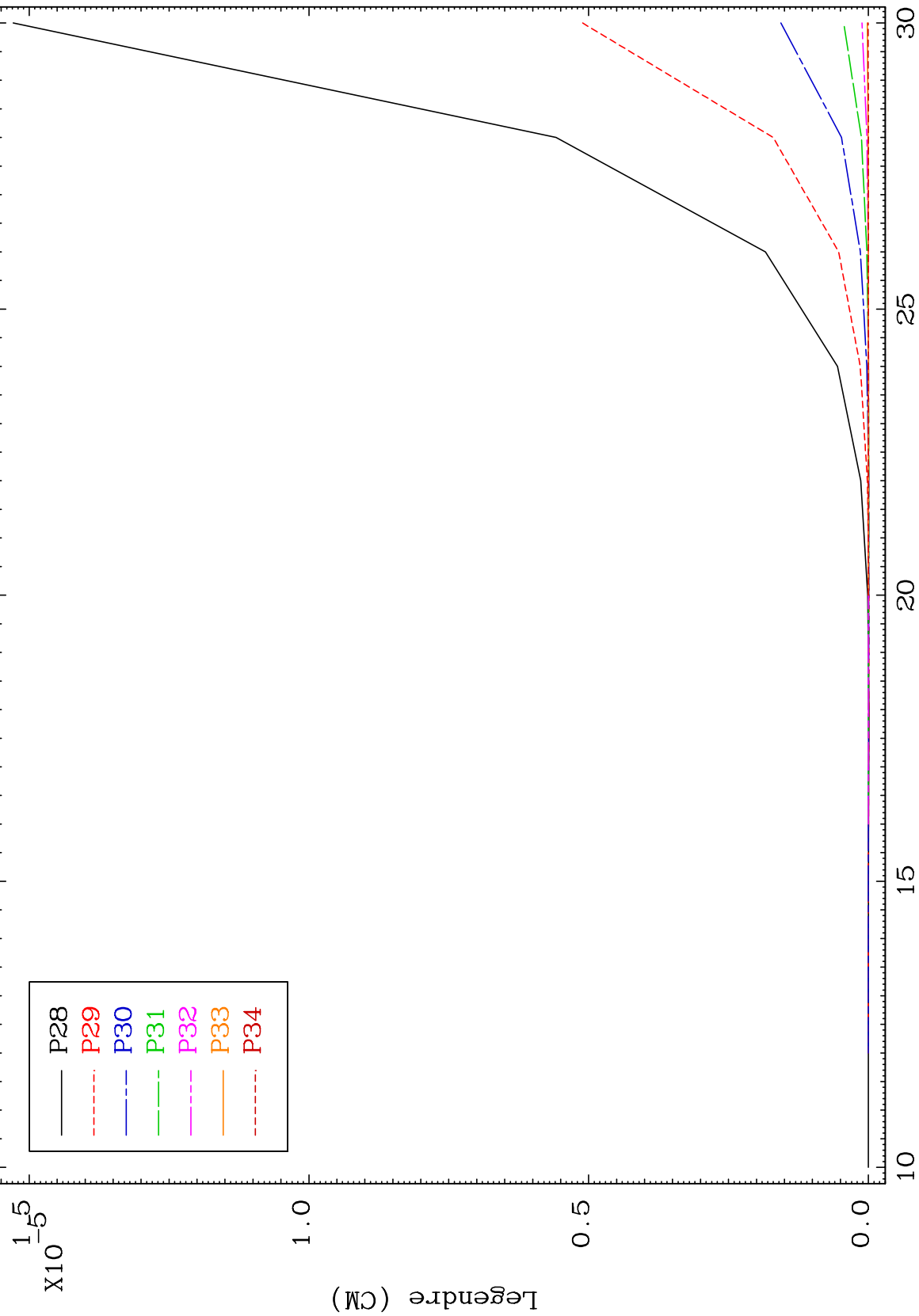
Incident Energy (MeV)

79-Au-197

MAT 7925

Elastic  
Legendre Coefficients

79-Au-197



79-Au-197

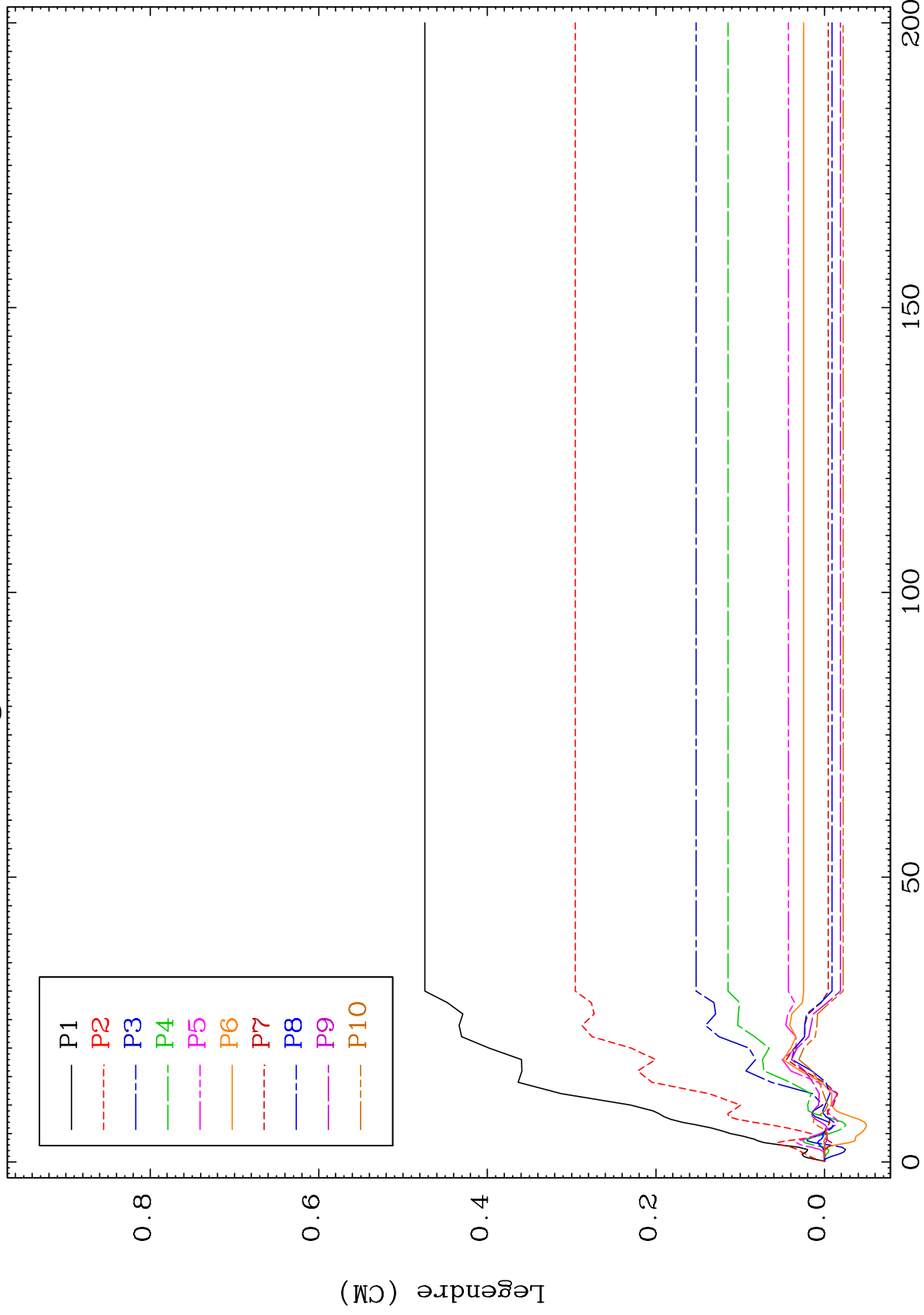
Incident Energy (MeV)

20

MAT 7925

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

79-Au-197



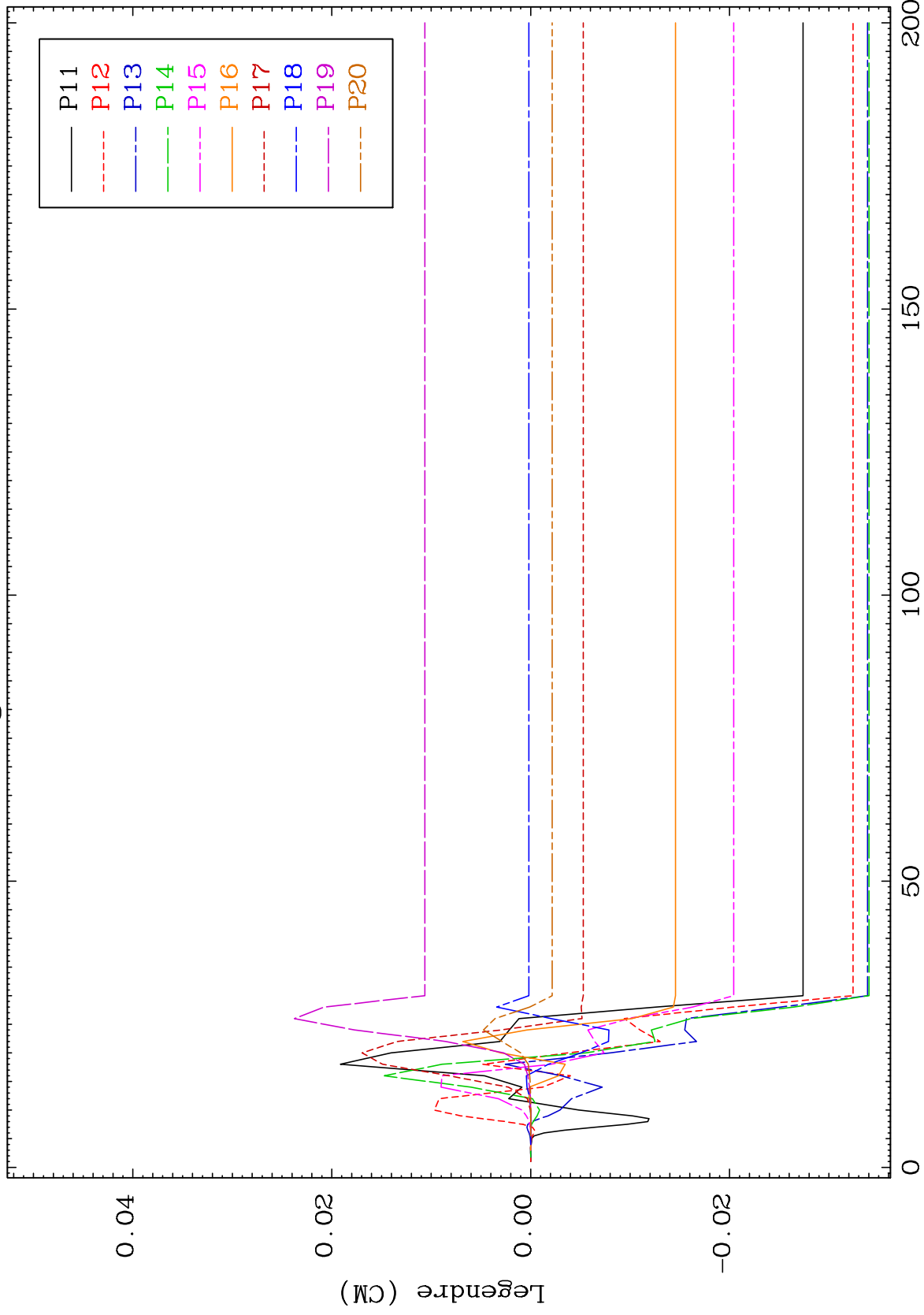
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79-Au-197

MAT 7925

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

79-Au-197



22

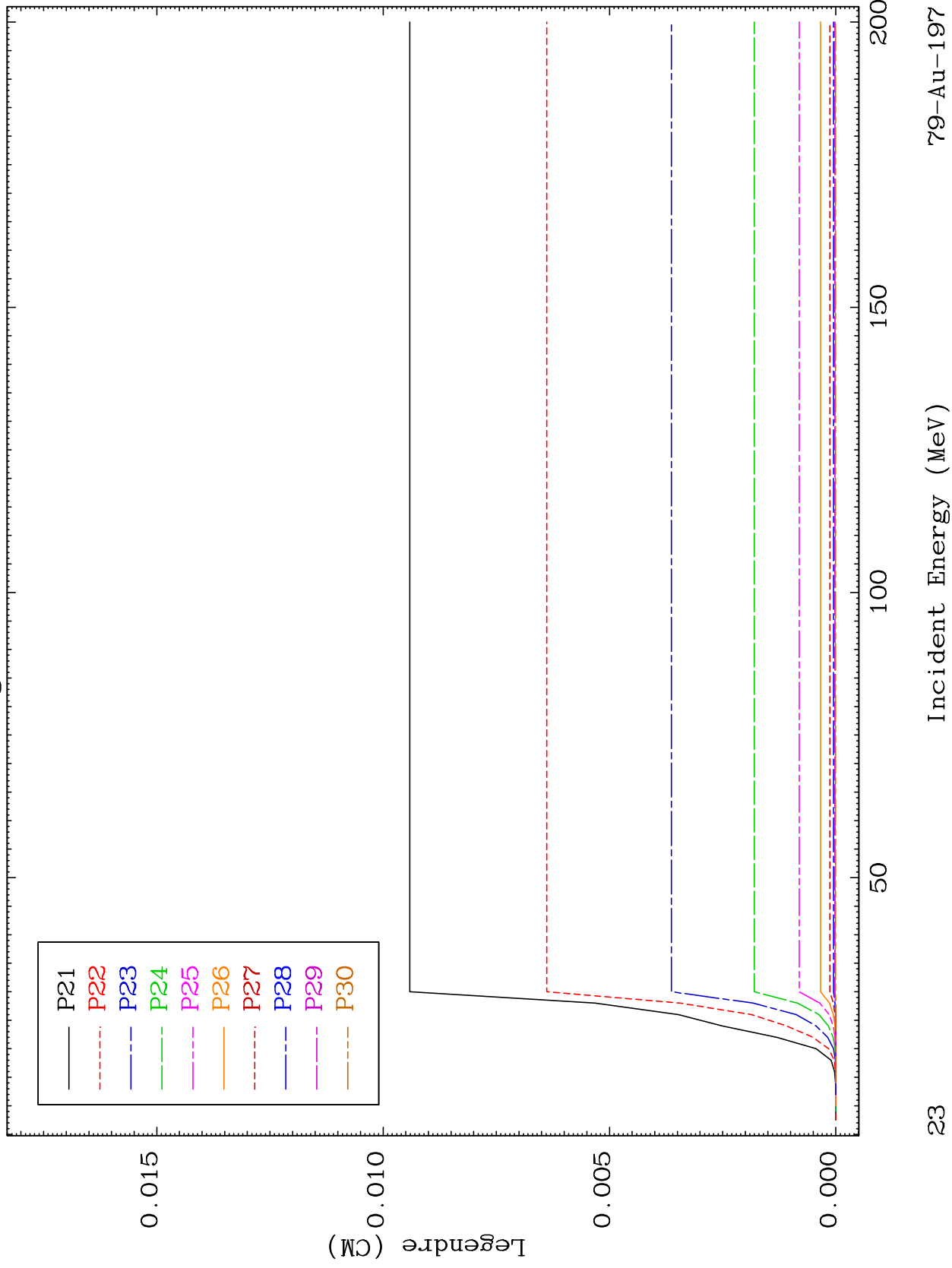
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



23

Incident Energy (MeV)

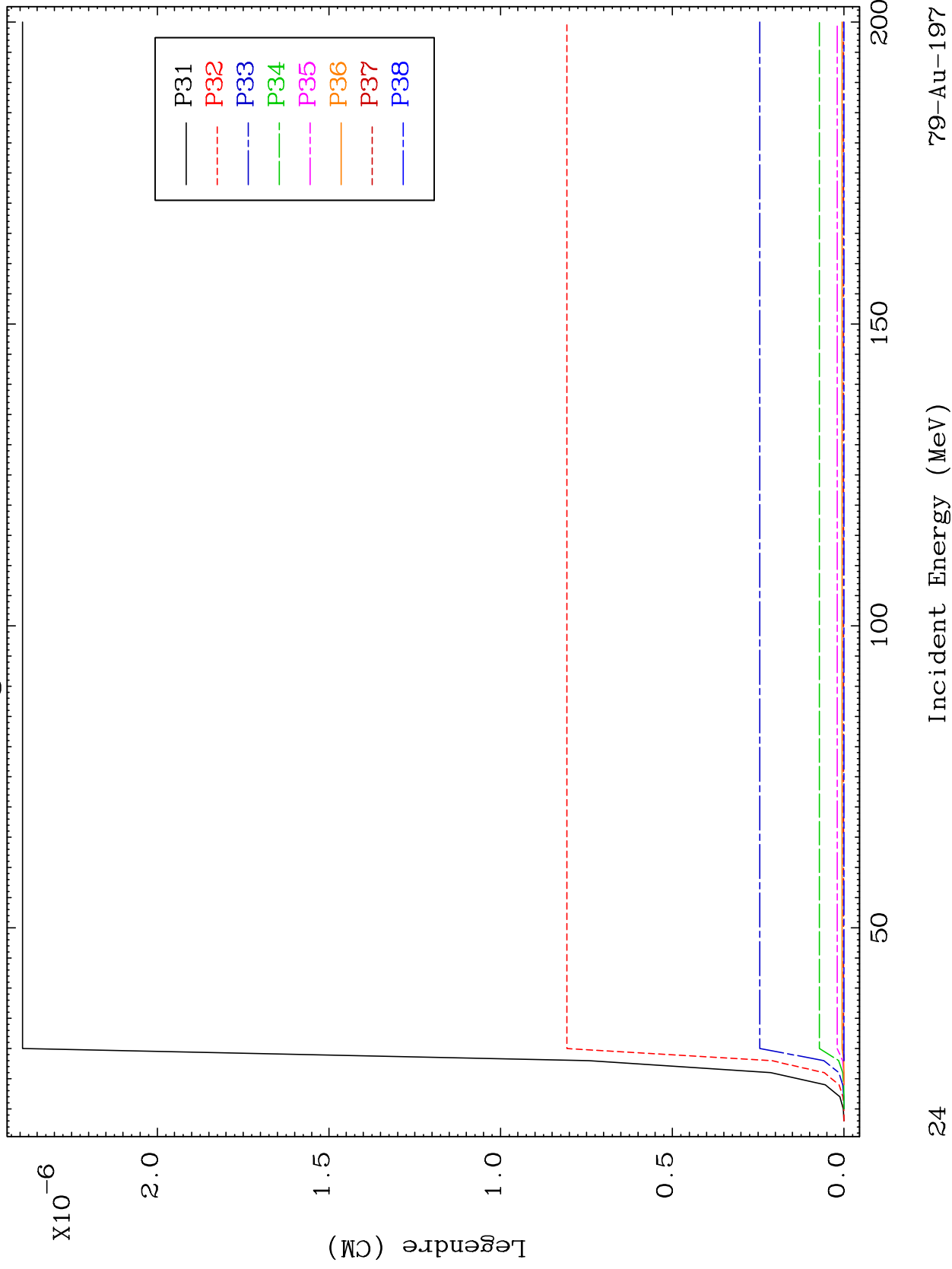
79-Au-197



MAT 7925

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

79-Au-197



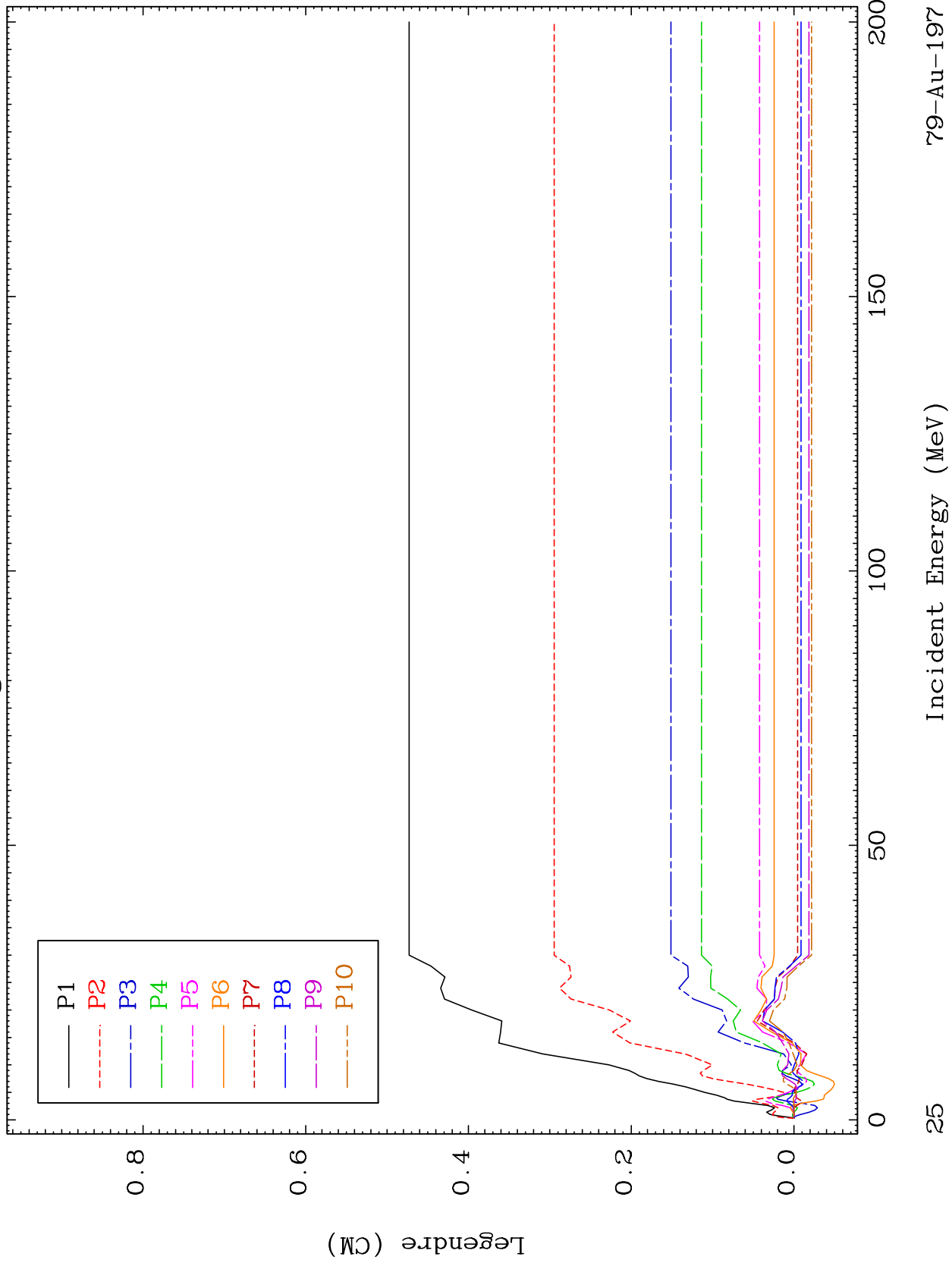
24

79-Au-197

MAT 7925

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

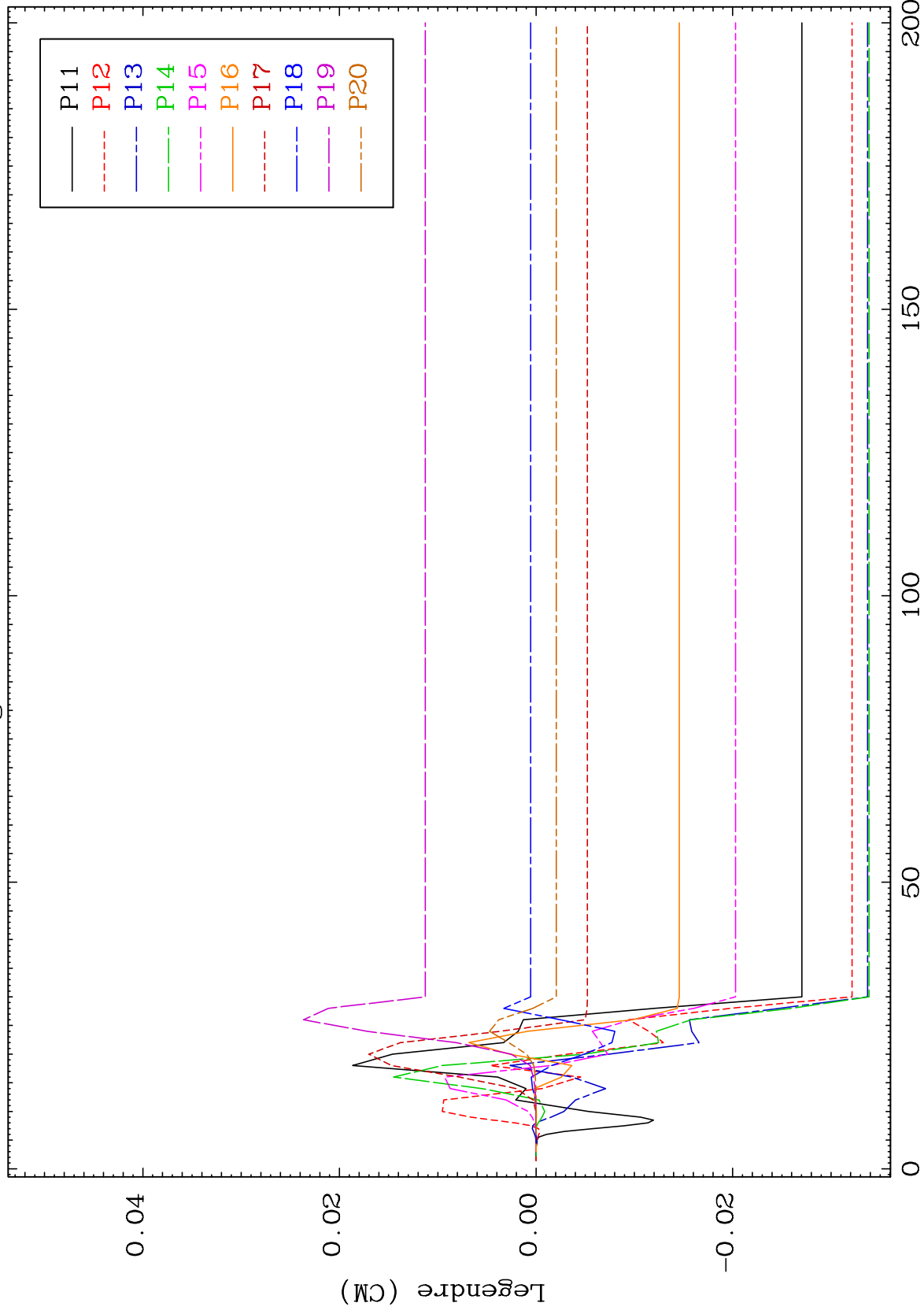
79-Au-197



MAT 7925

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

79-Au-197



26

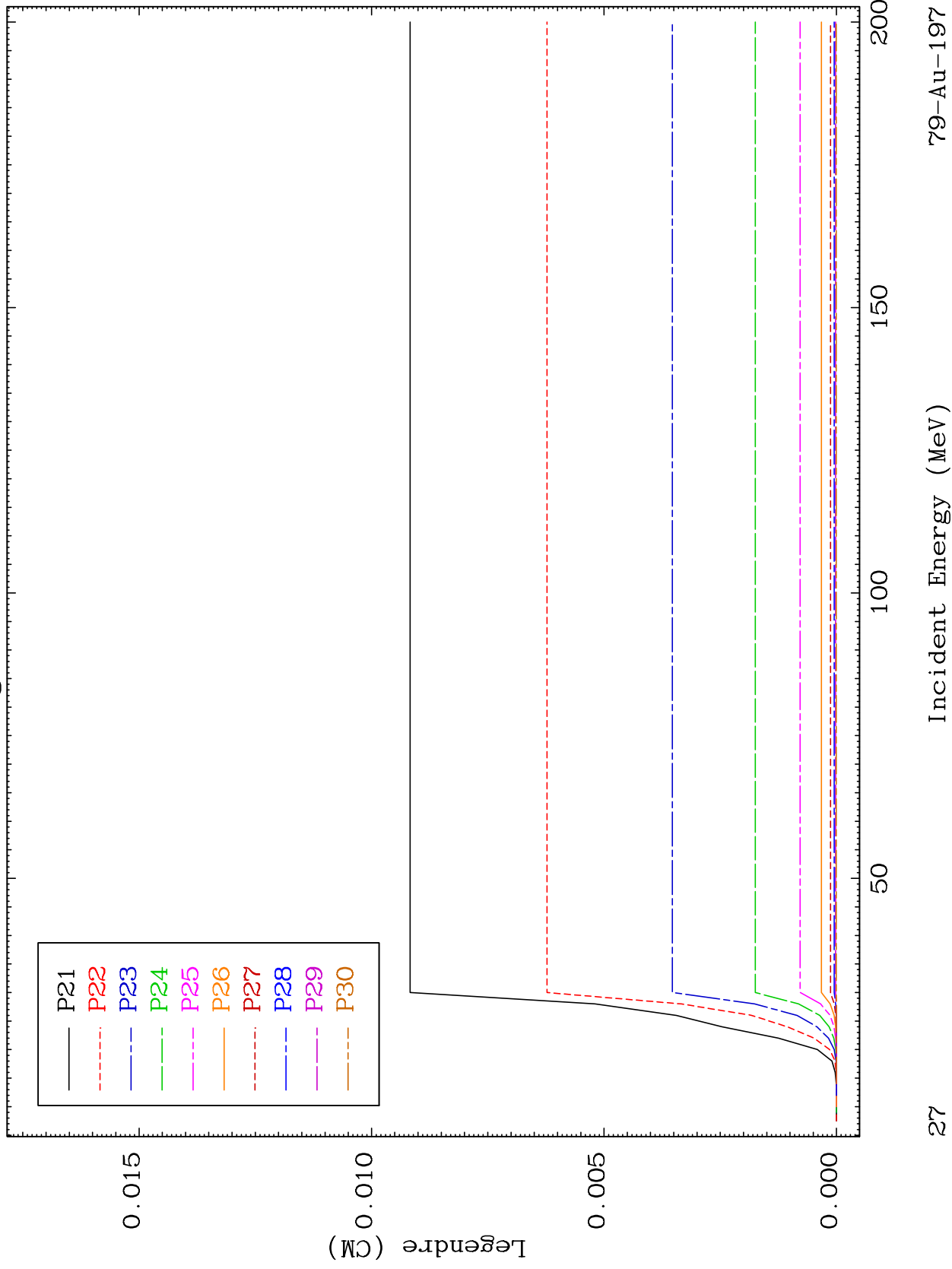
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



27

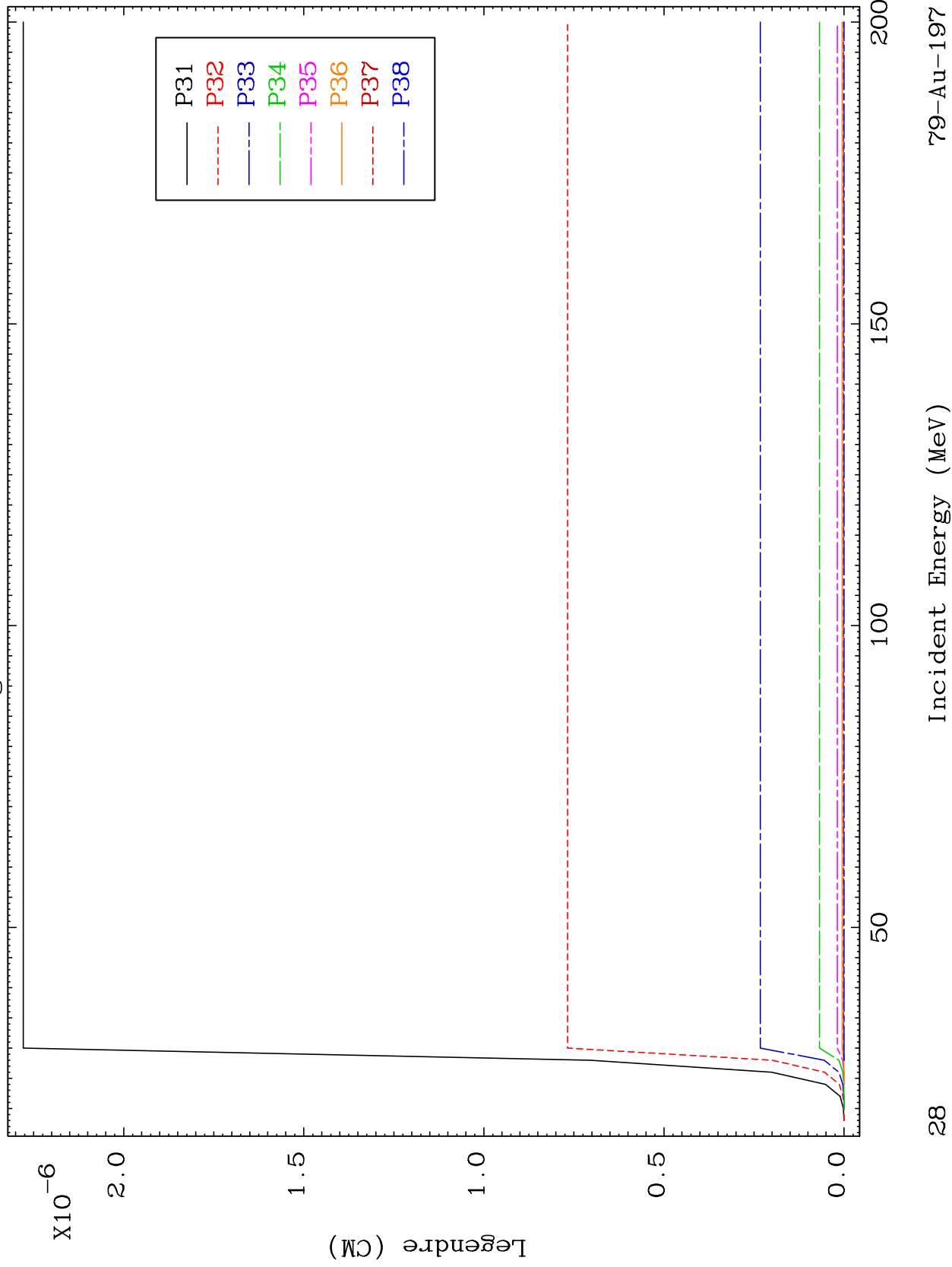
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



28

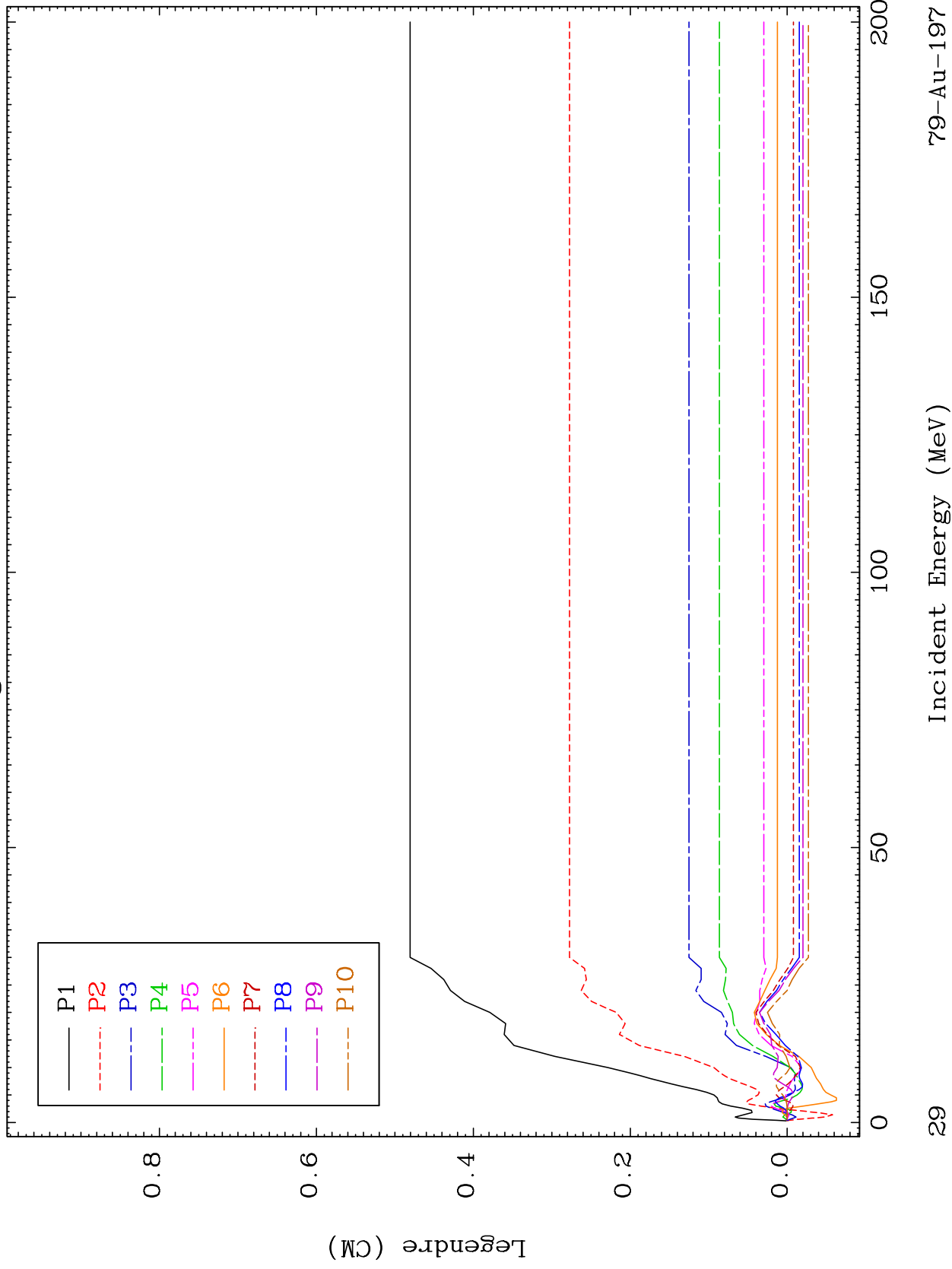
Incident Energy (MeV)

79-Au-197

MAT 7925

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

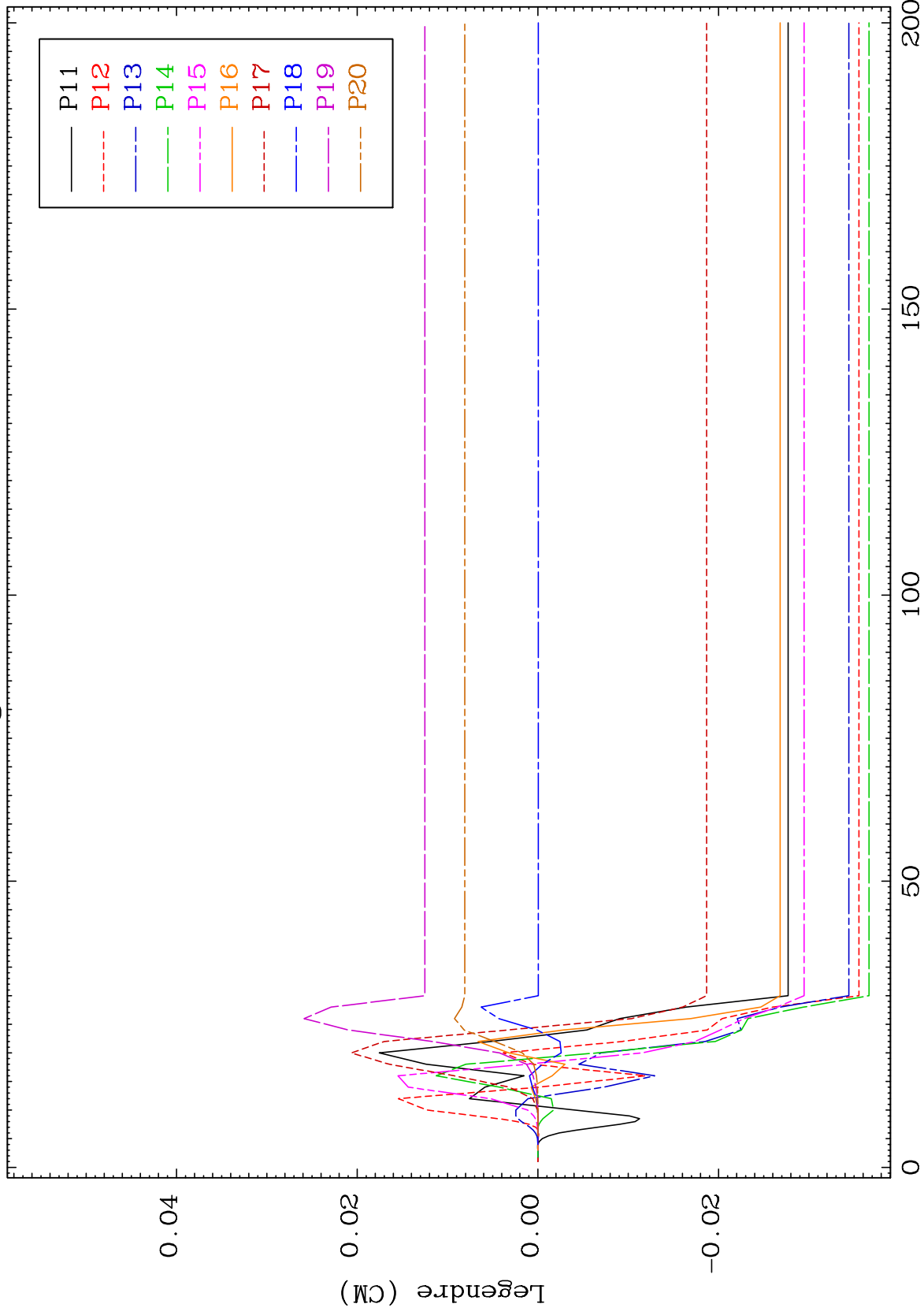
79-Au-197



MAT 7925

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

79-Au-197



30

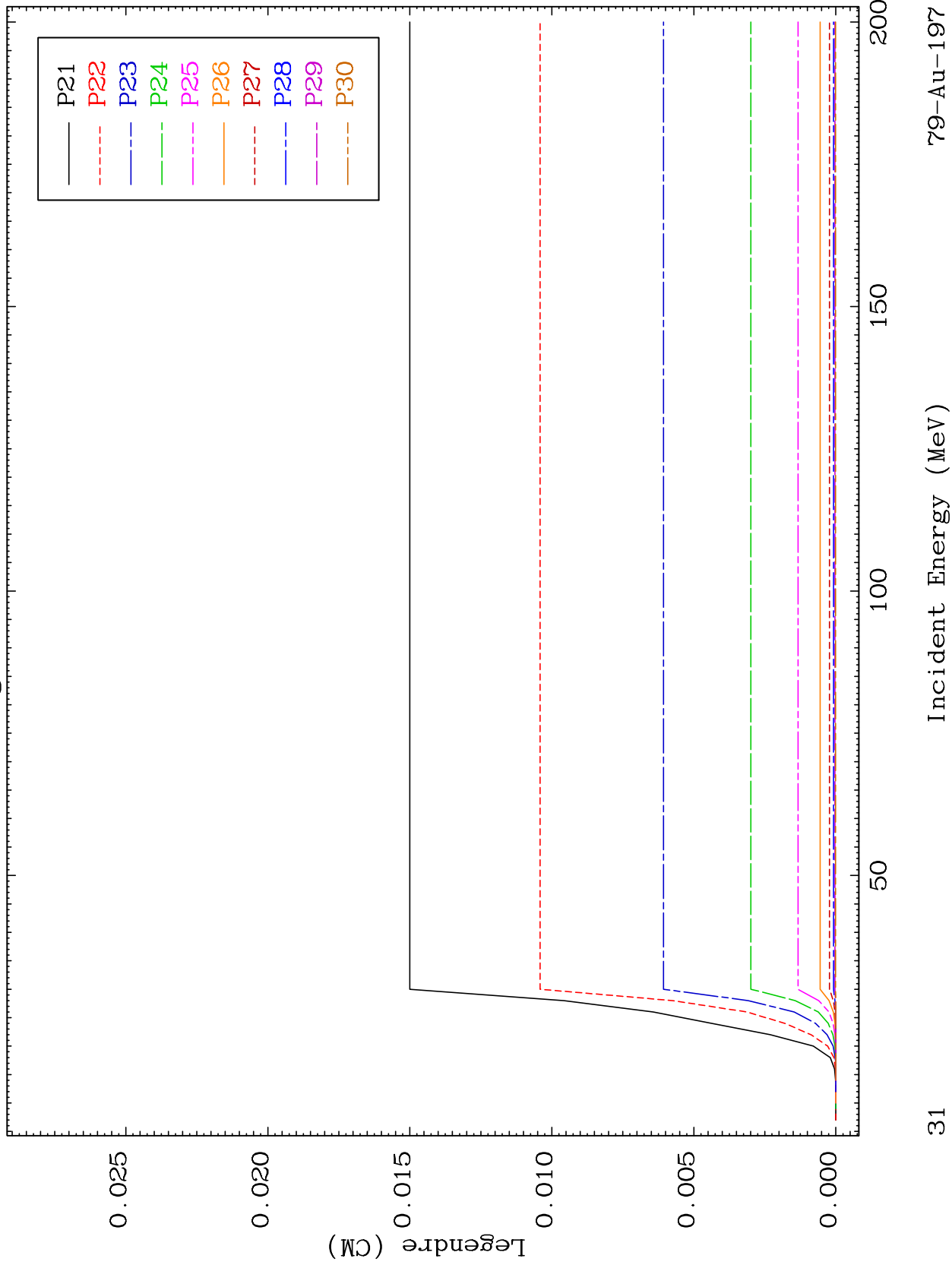
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



31

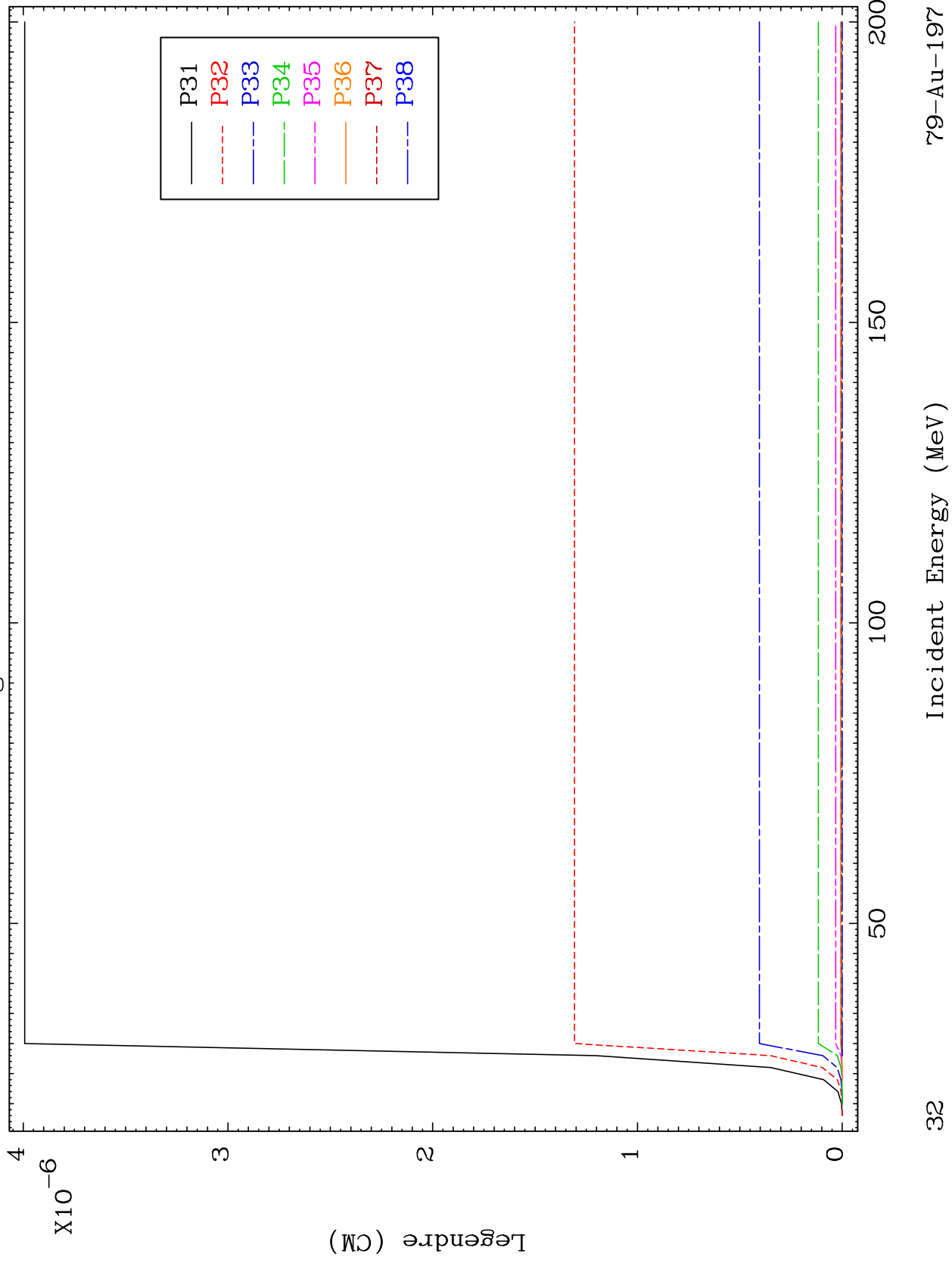
79-Au-197



MAT 7925

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

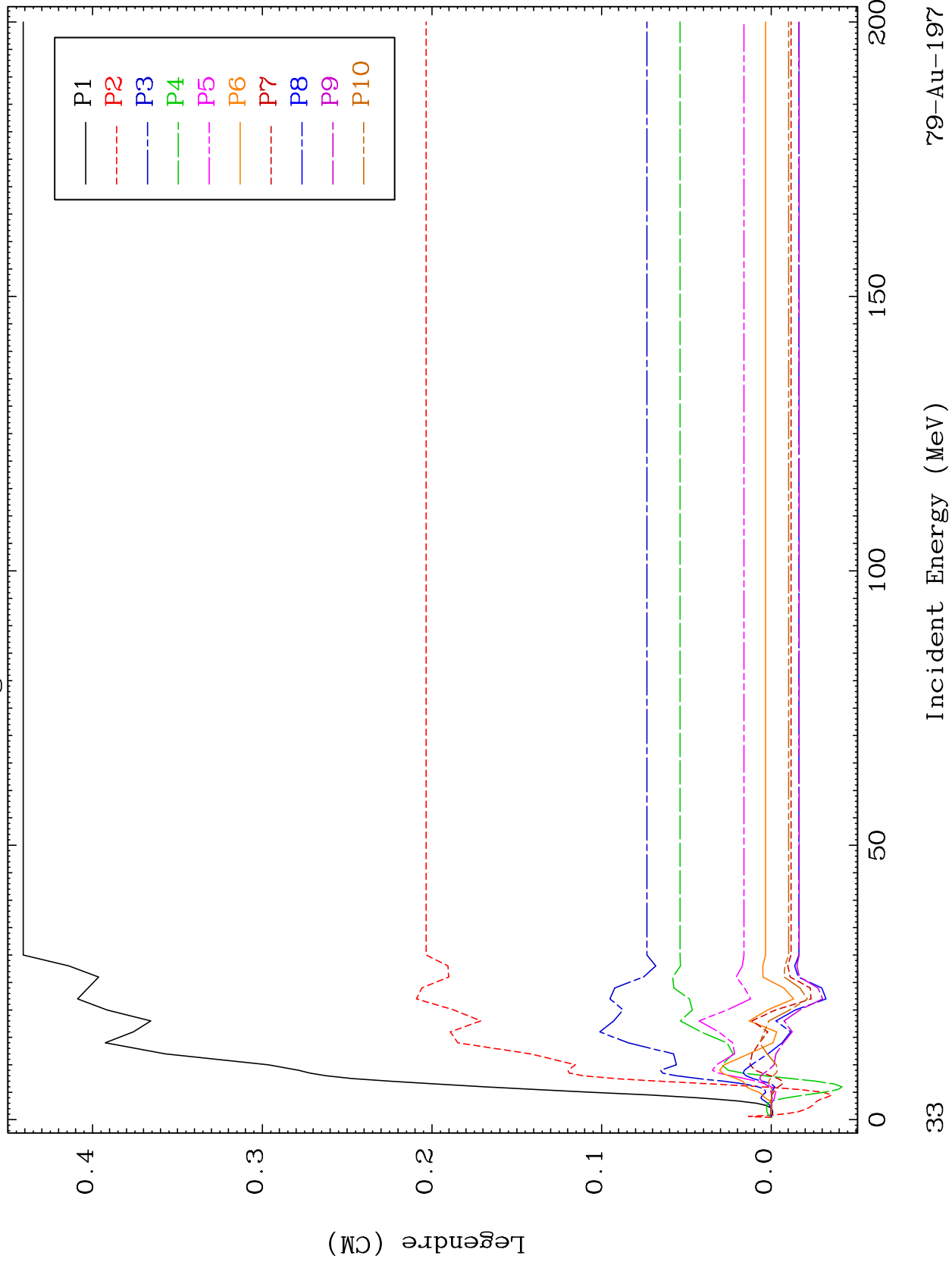
79-Au-197



MAT 7925

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

79-Au-197

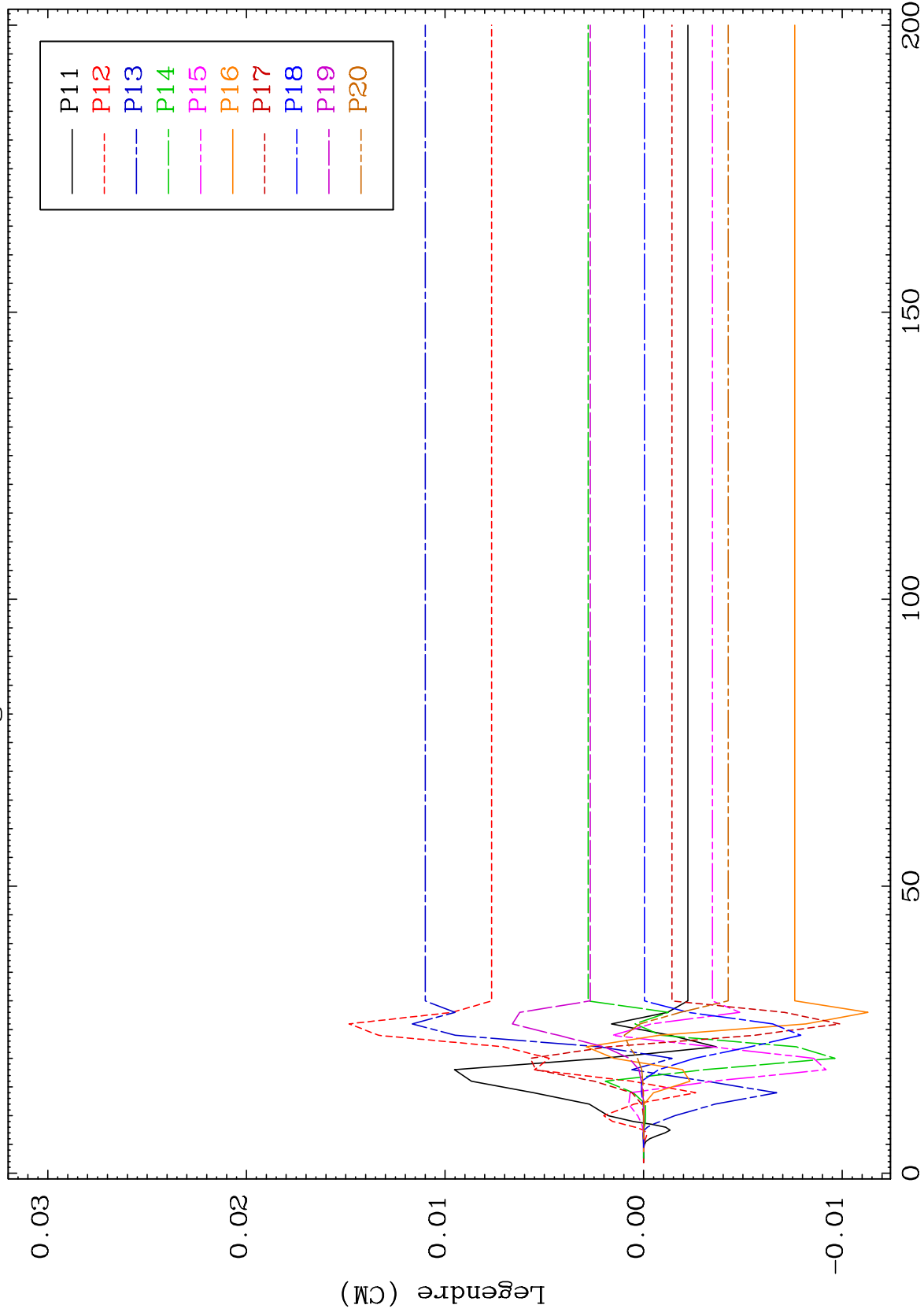


33

MAT 7925

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

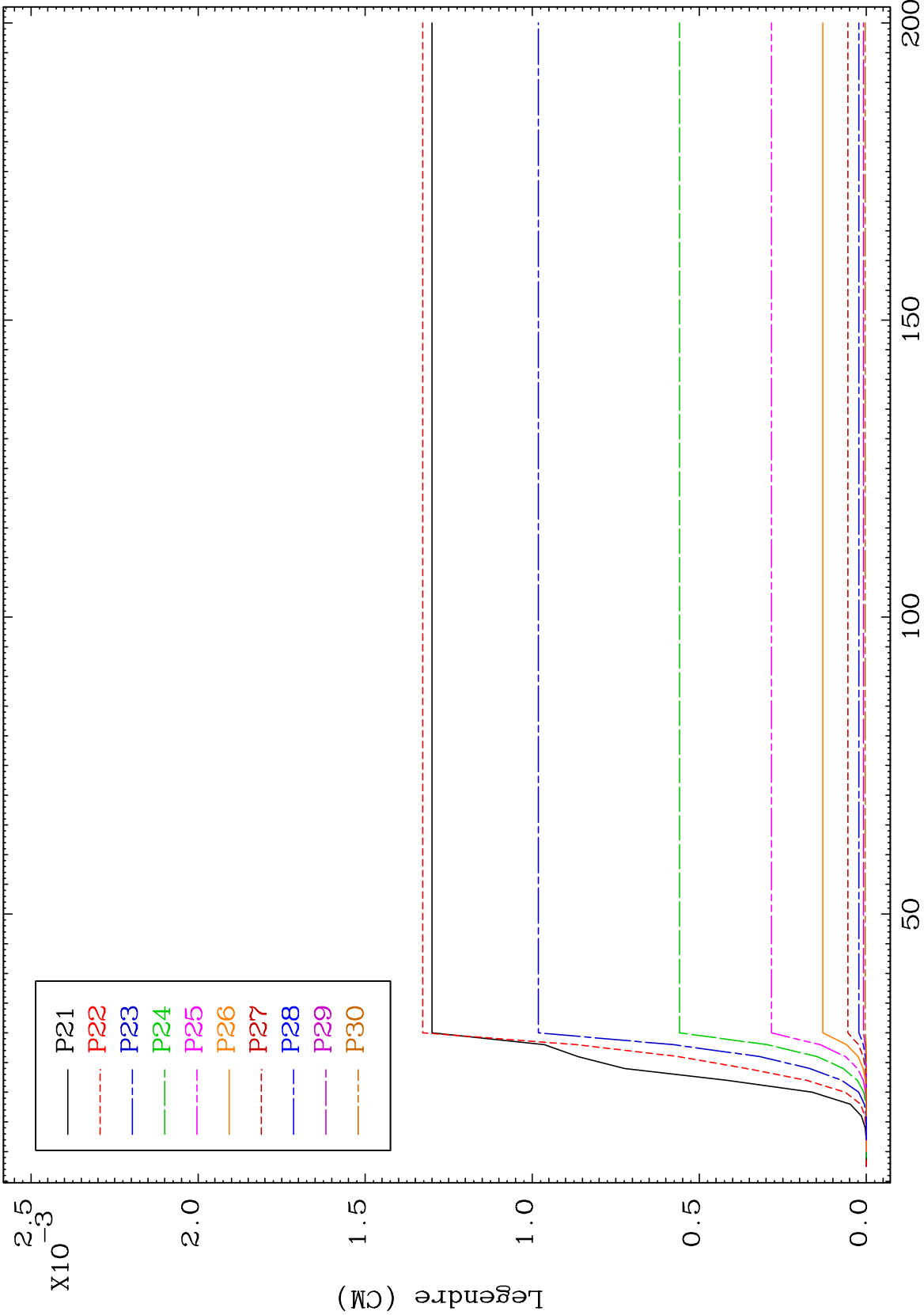
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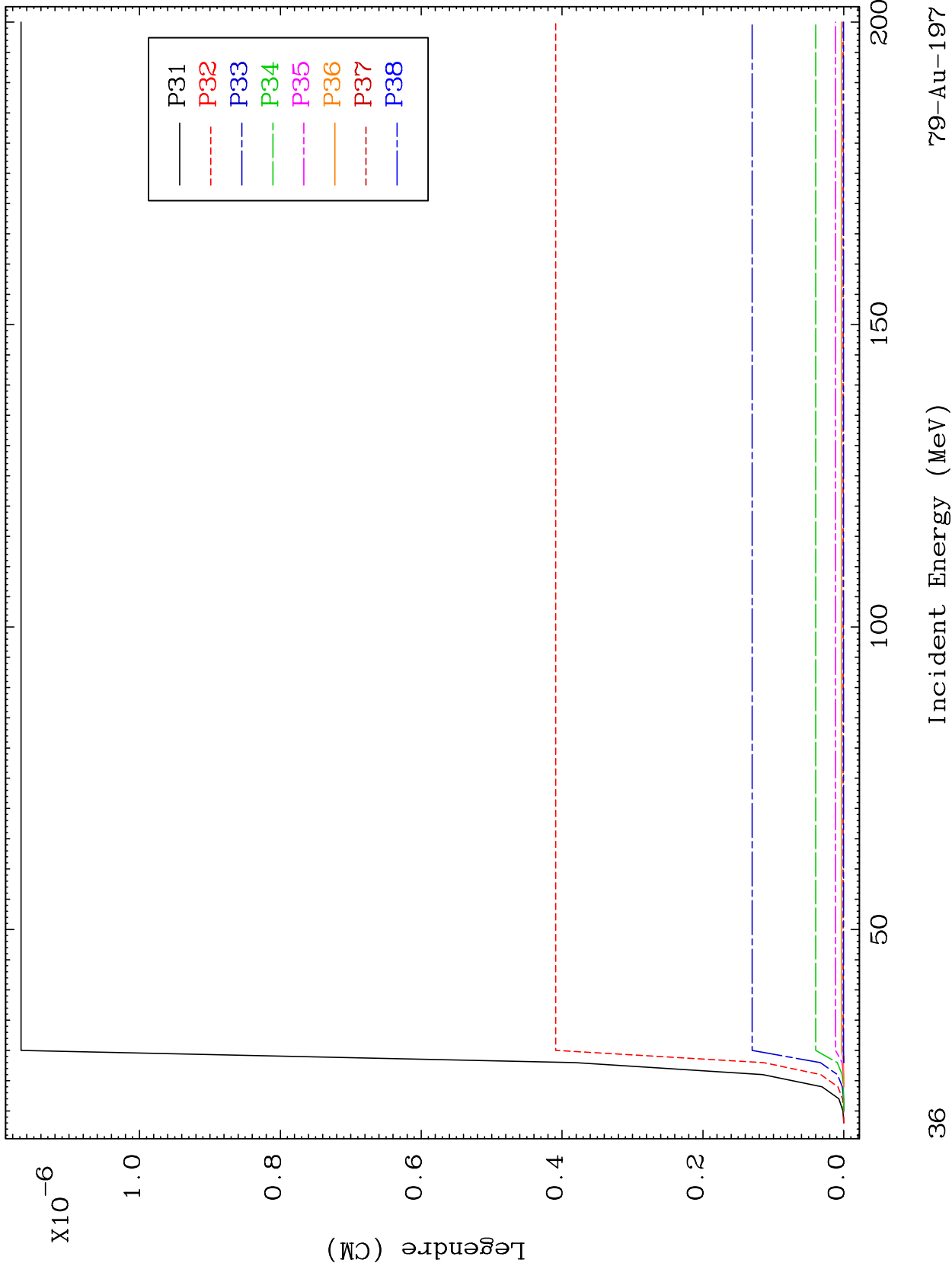


34

Incident Energy (MeV)

79-Au-197



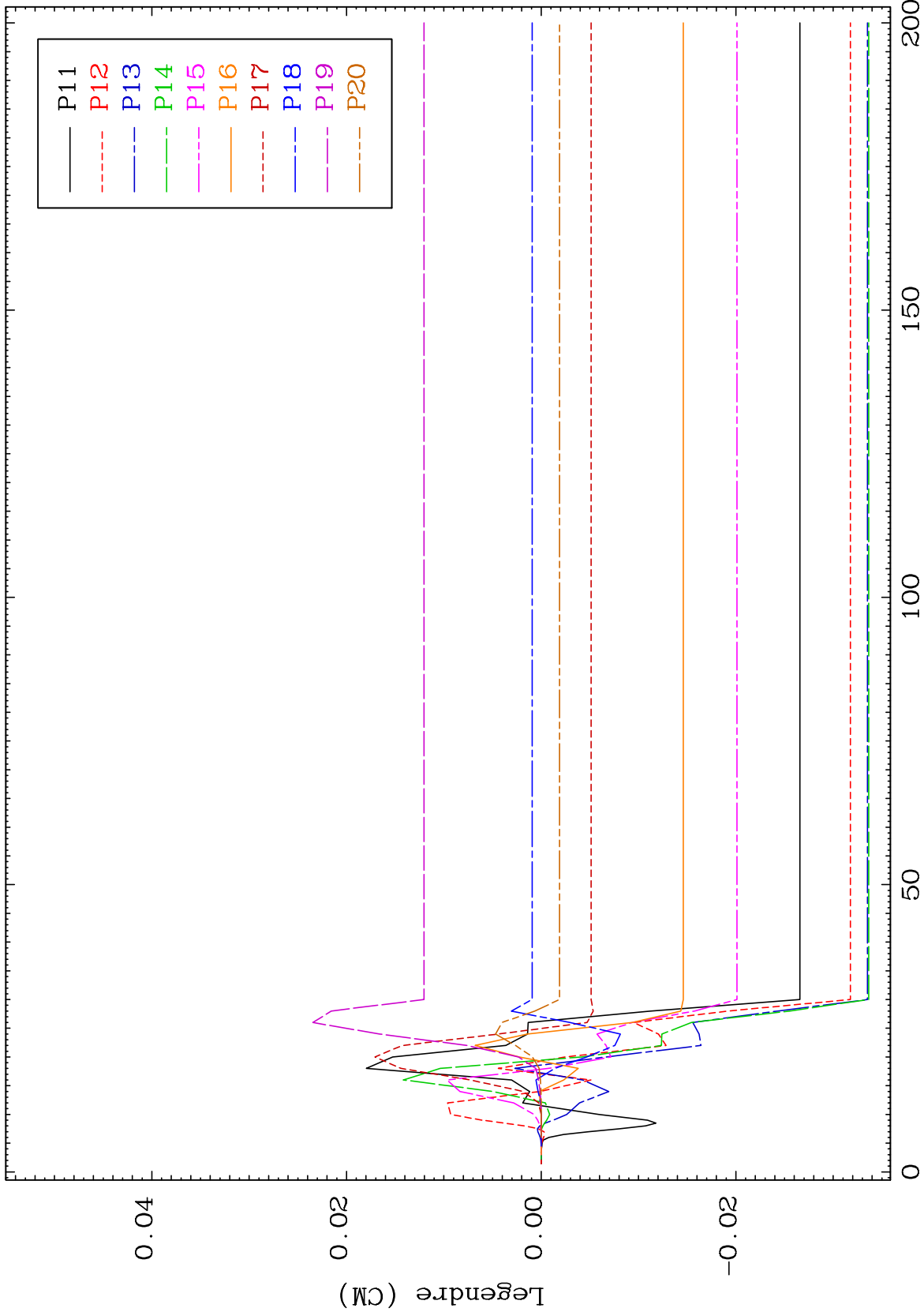




MAT 7925

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

79-Au-197



38

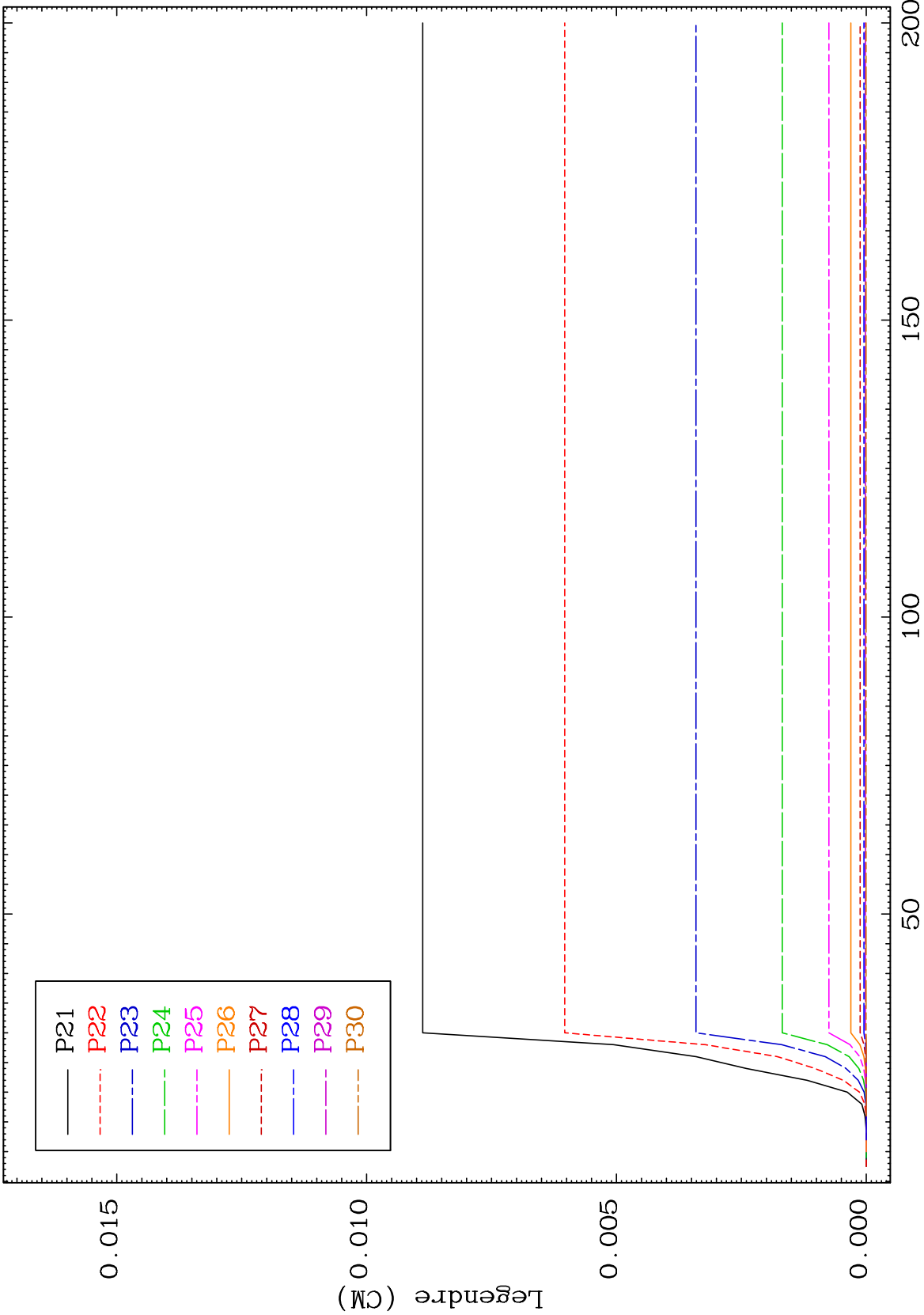
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



39

Incident Energy (MeV)

79-Au-197

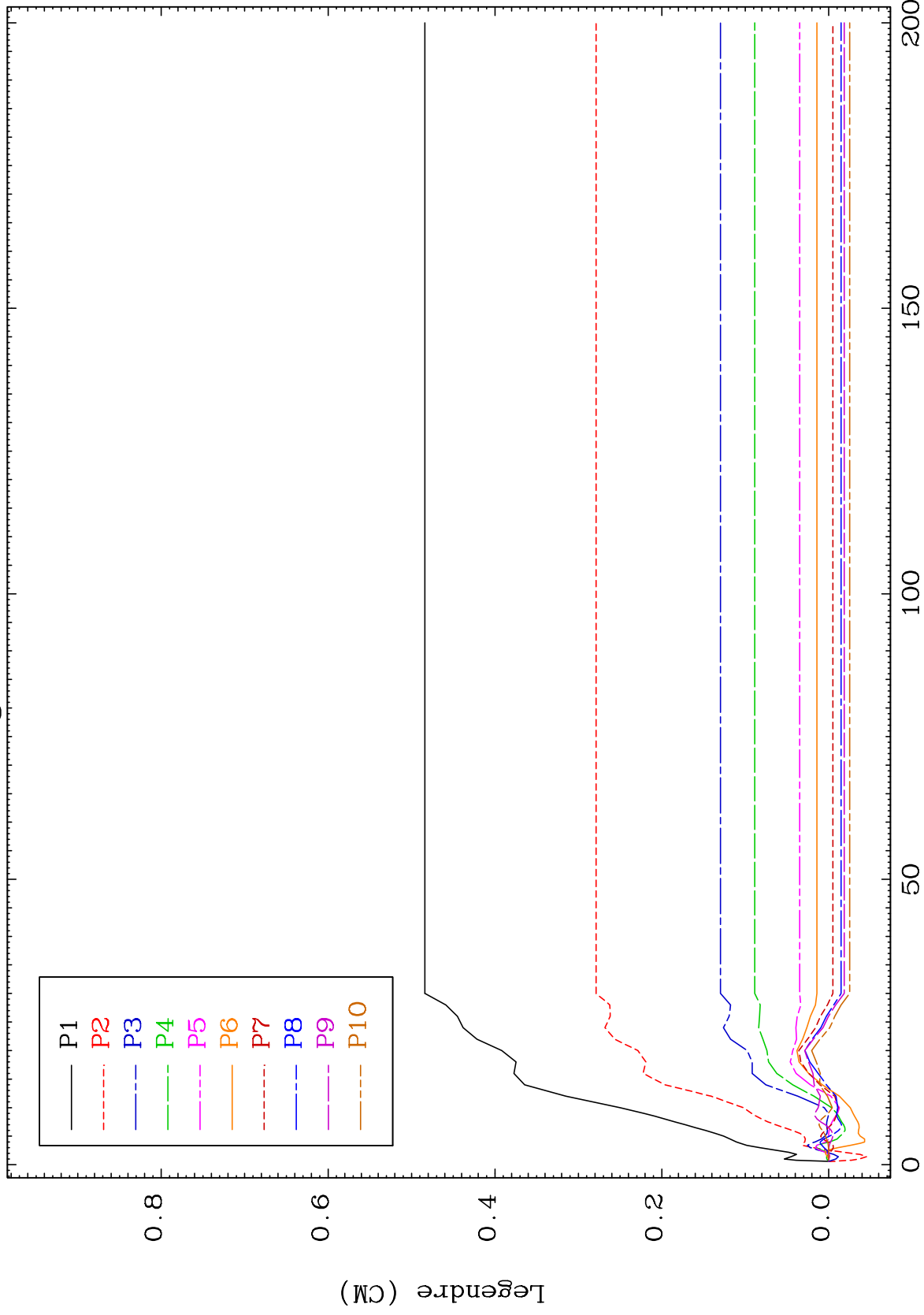




MAT 7925

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

79-Au-197



41

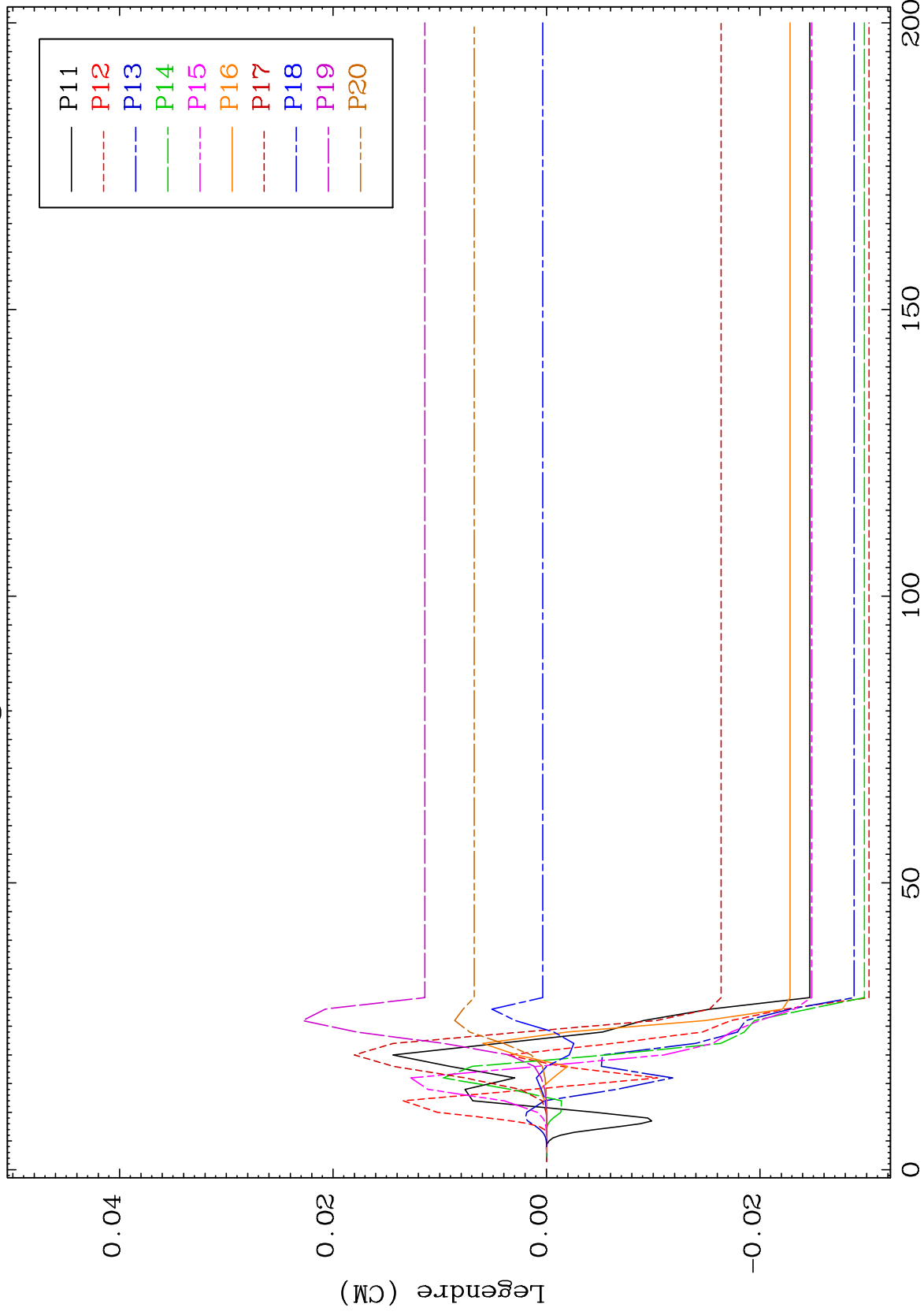
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



42

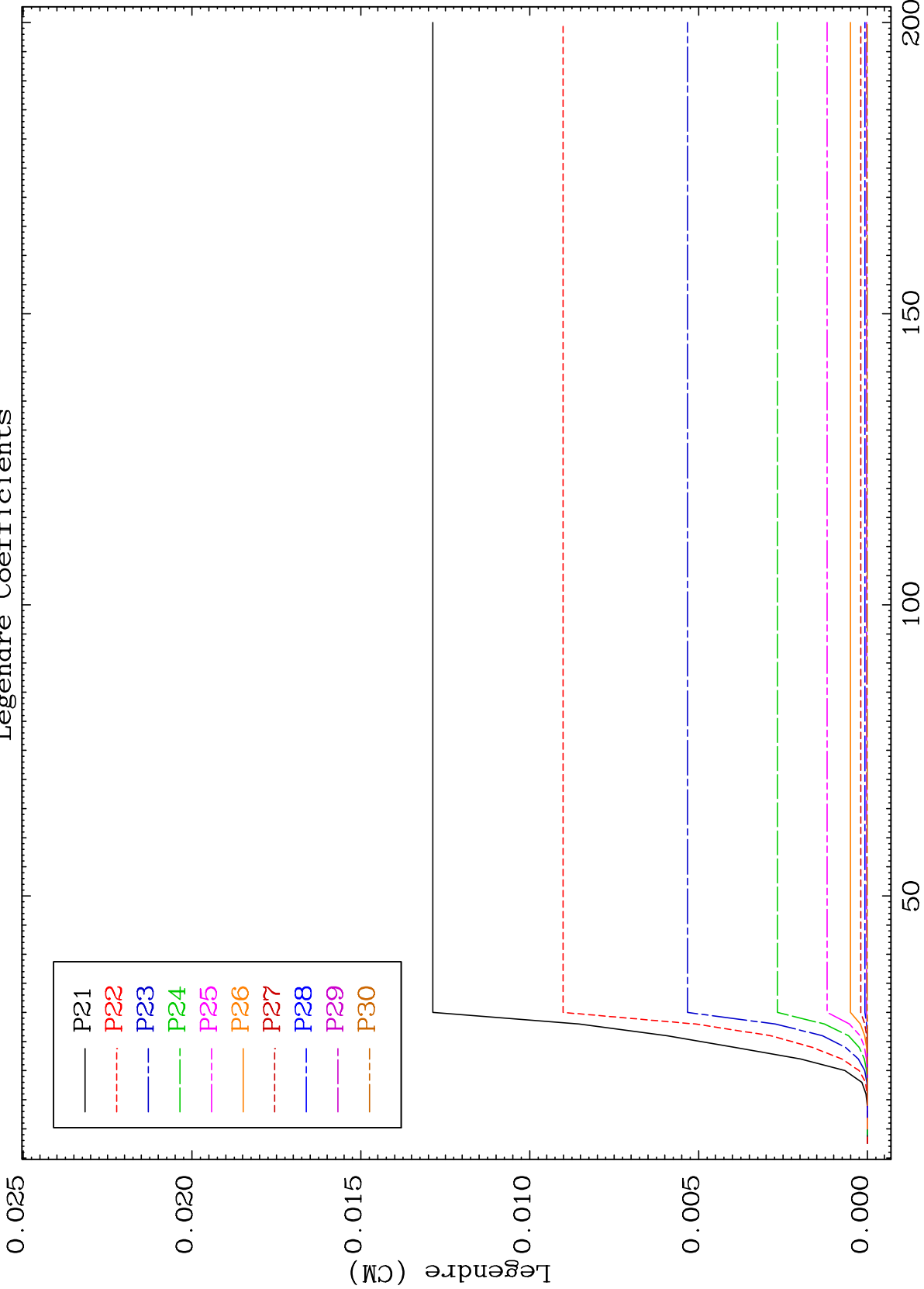
Incident Energy (MeV)

79-Au-197

MAT 7925

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

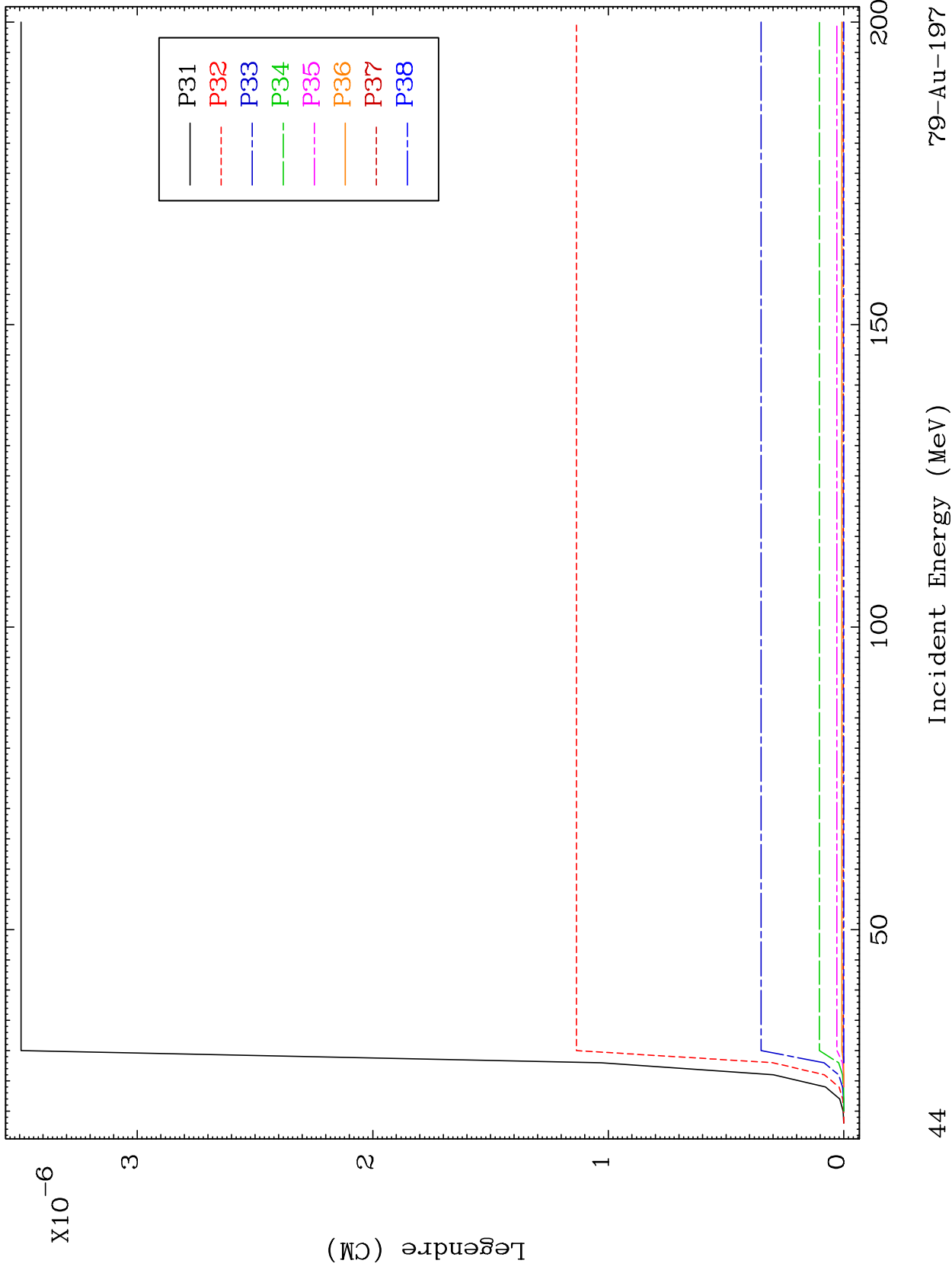
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MAT 7925

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

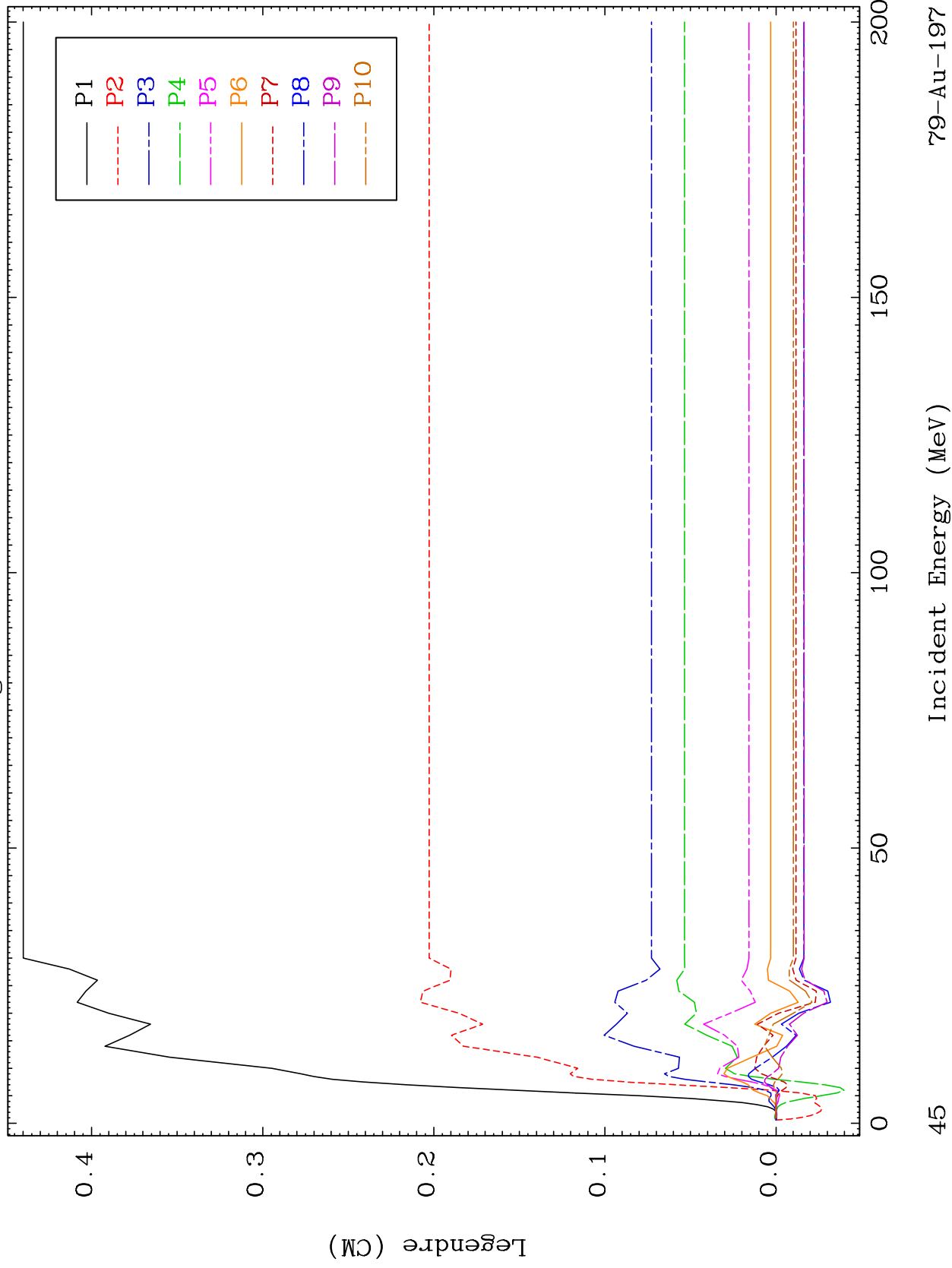
79-Au-197



MAT 7925

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

79-Au-197

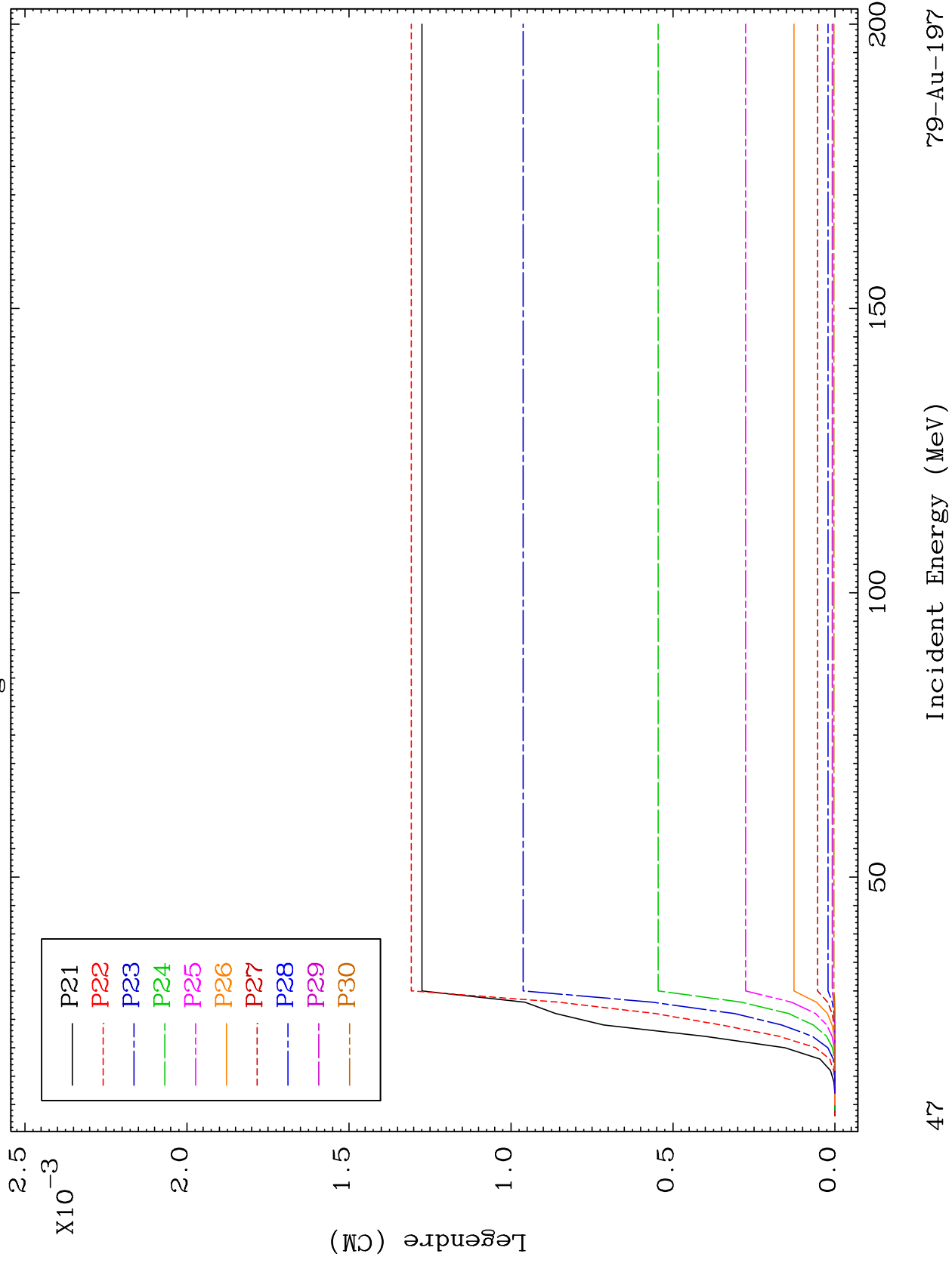


79-Au-197

Incident Energy (MeV)

45



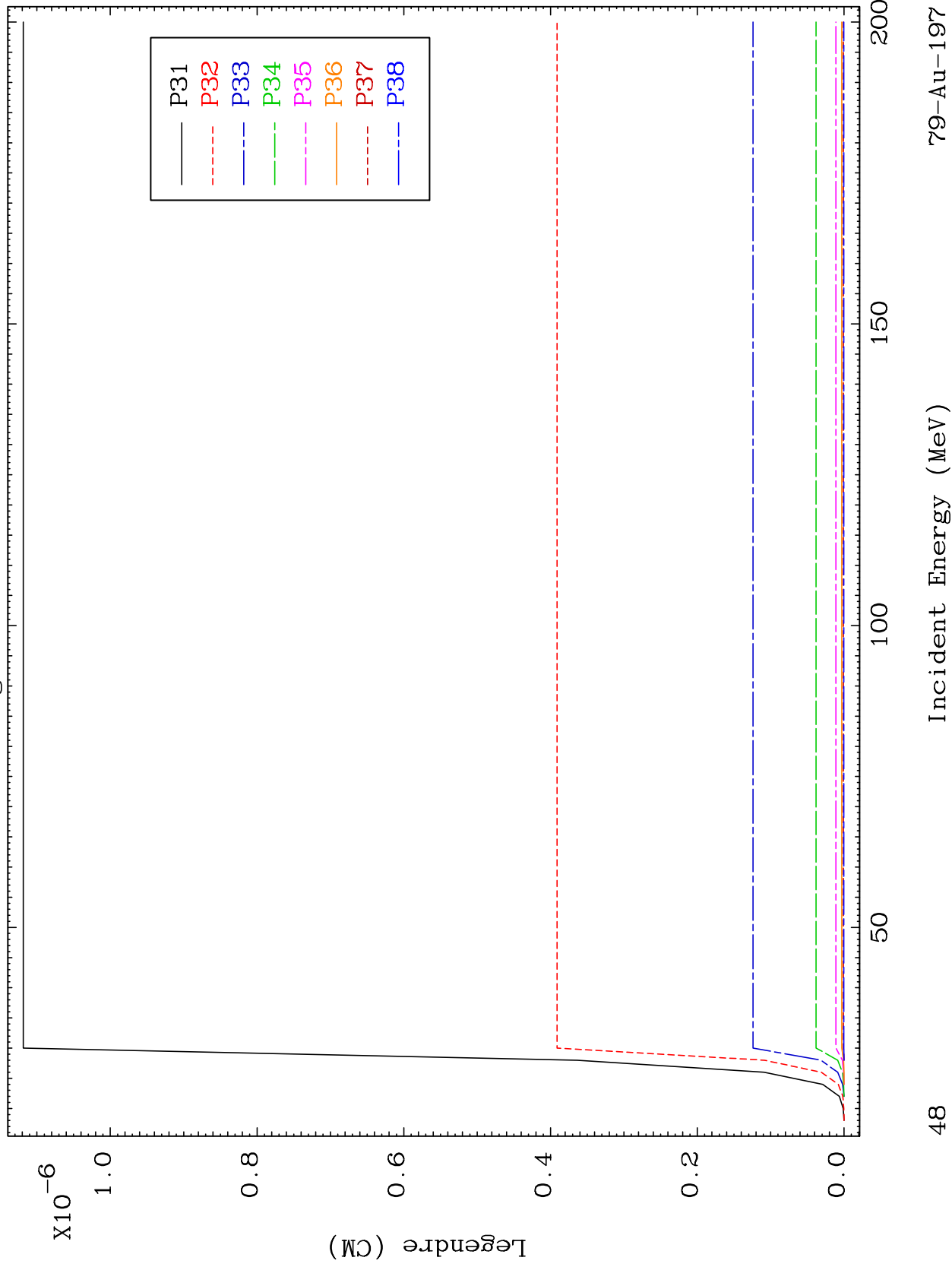




MAT 7925

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

79-Au-197



48

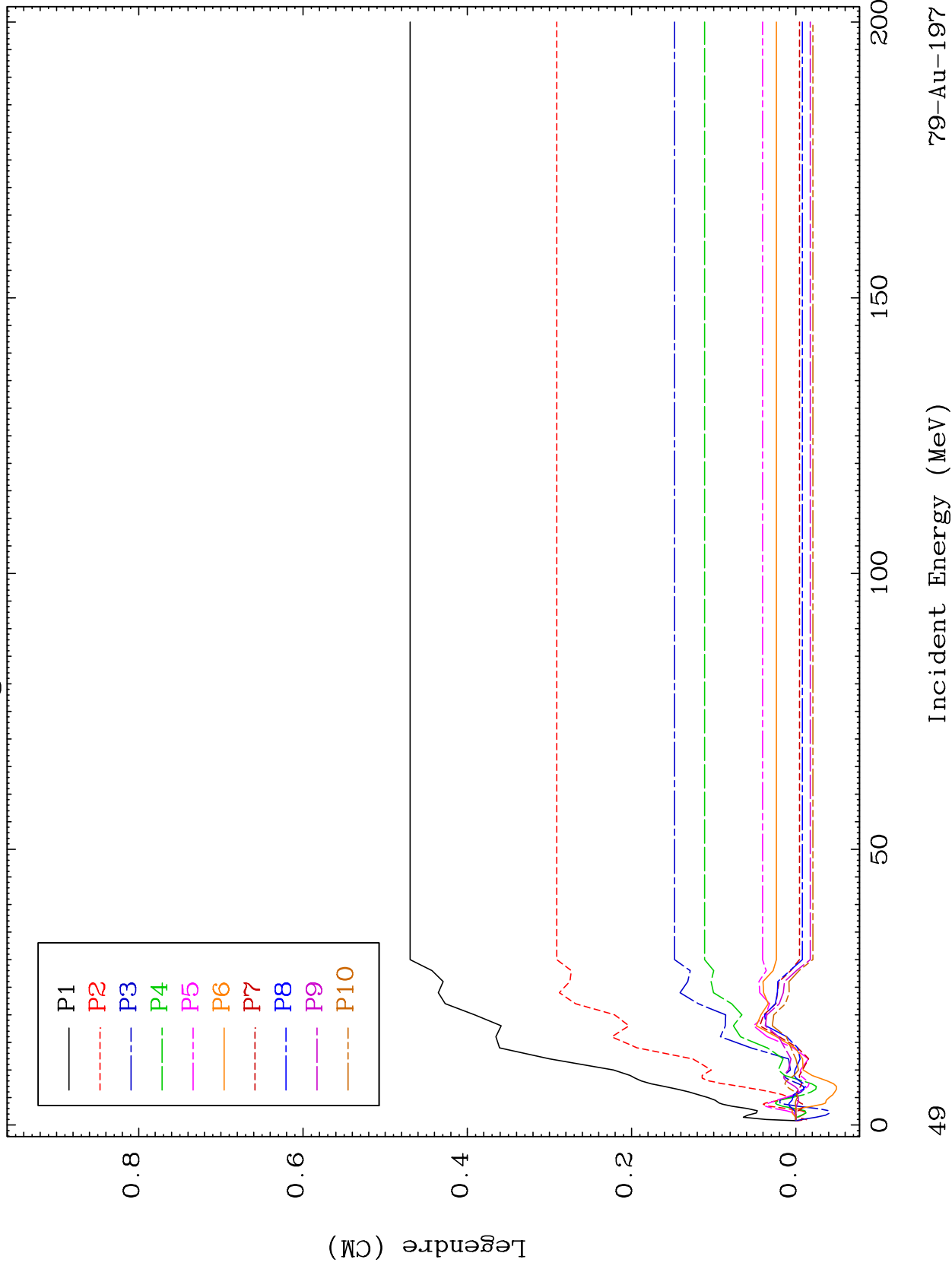
Incident Energy (MeV)

79-Au-197

MAT 7925

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

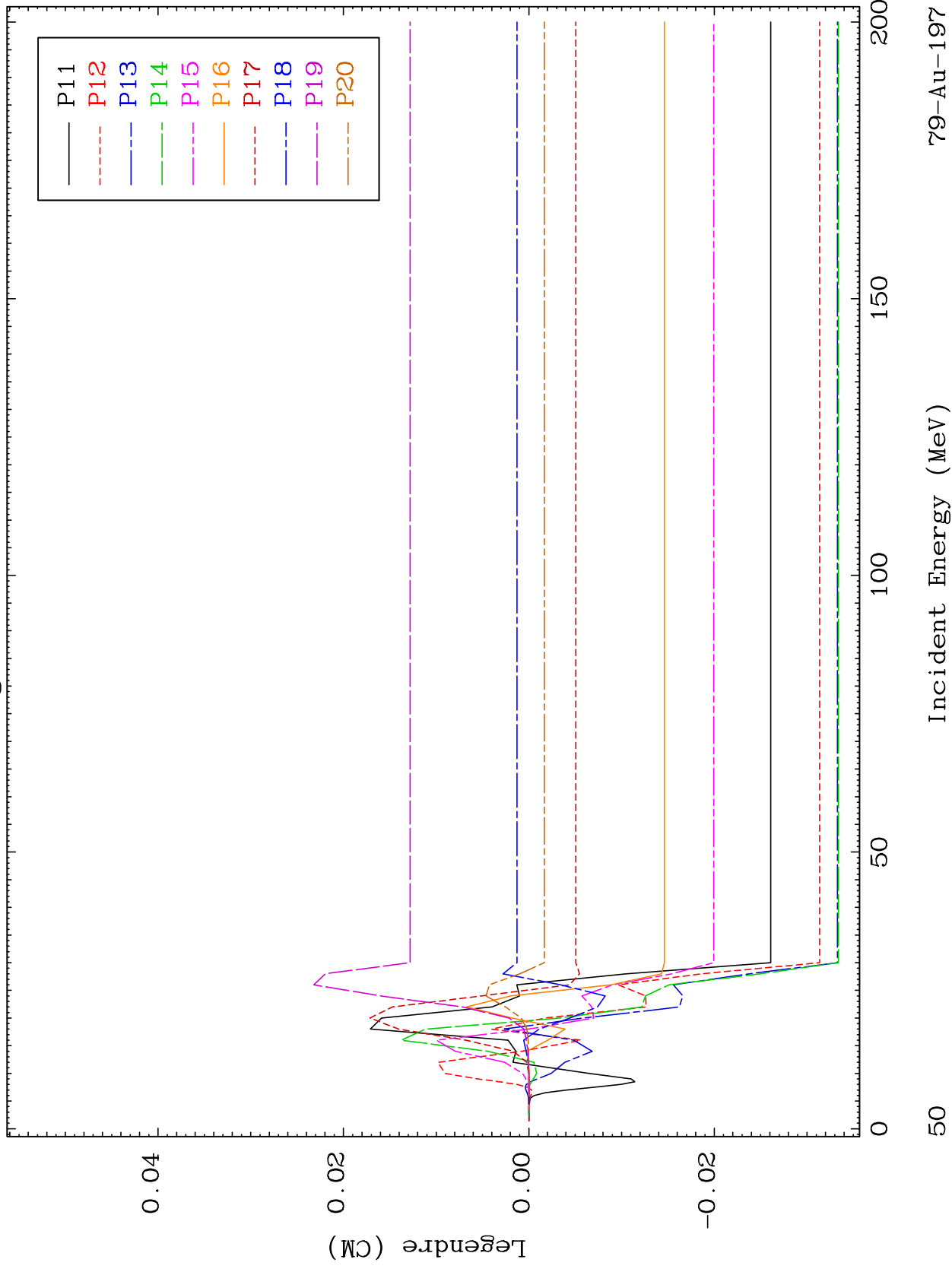
79-Au-197



MAT 7925

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

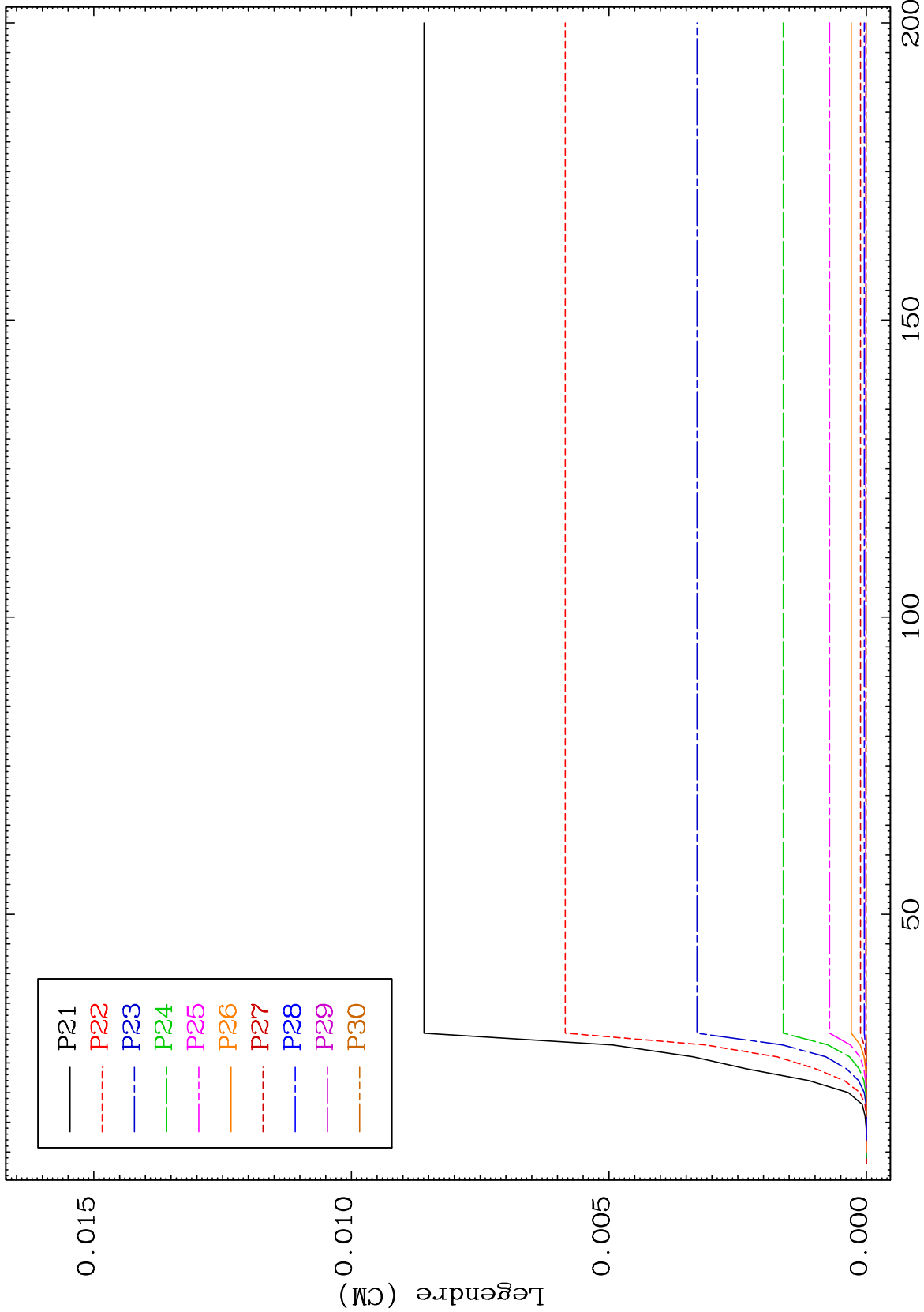
79-Au-197



79-Au-197

Incident Energy (MeV)

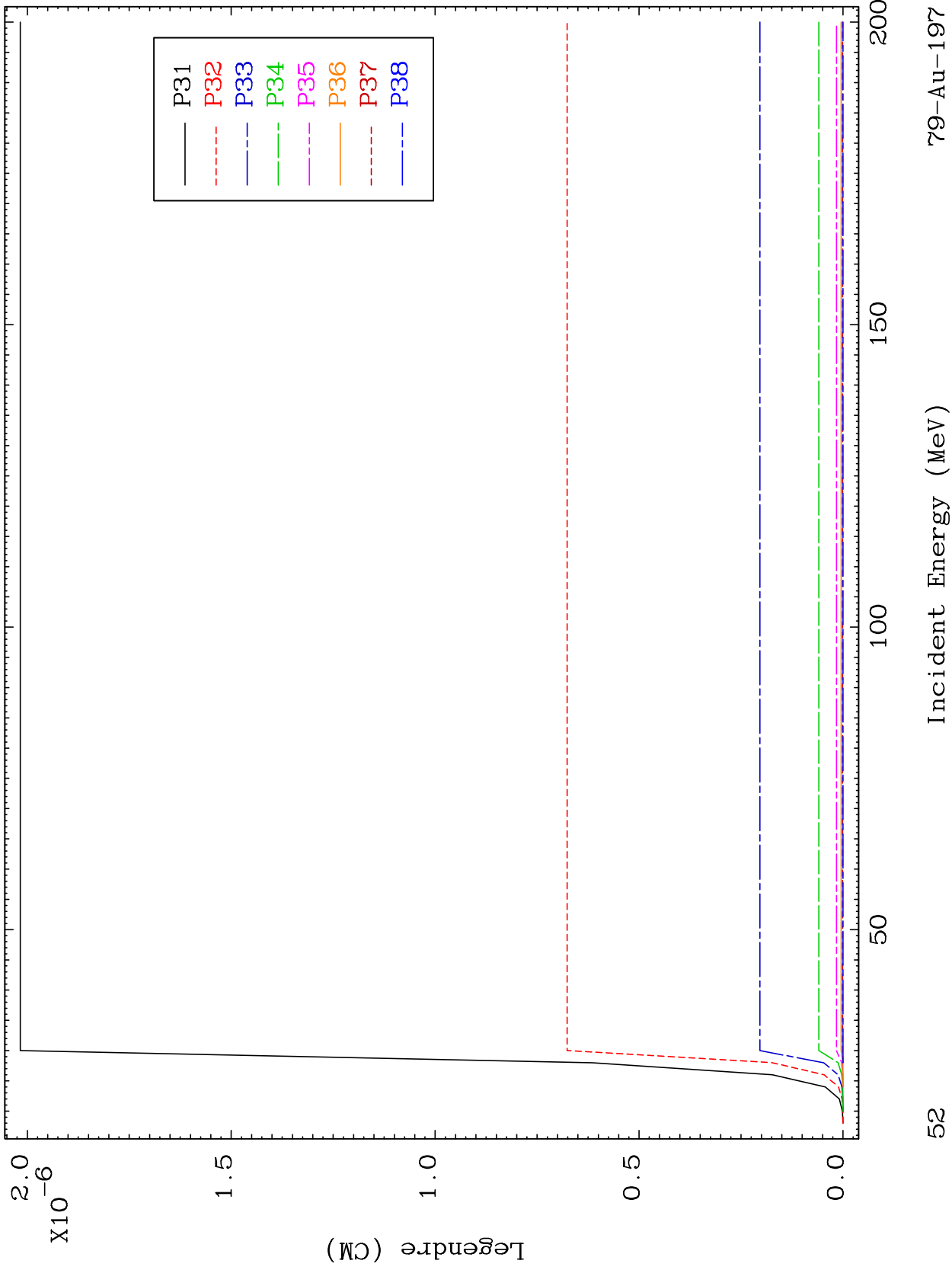
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MAT 7925

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

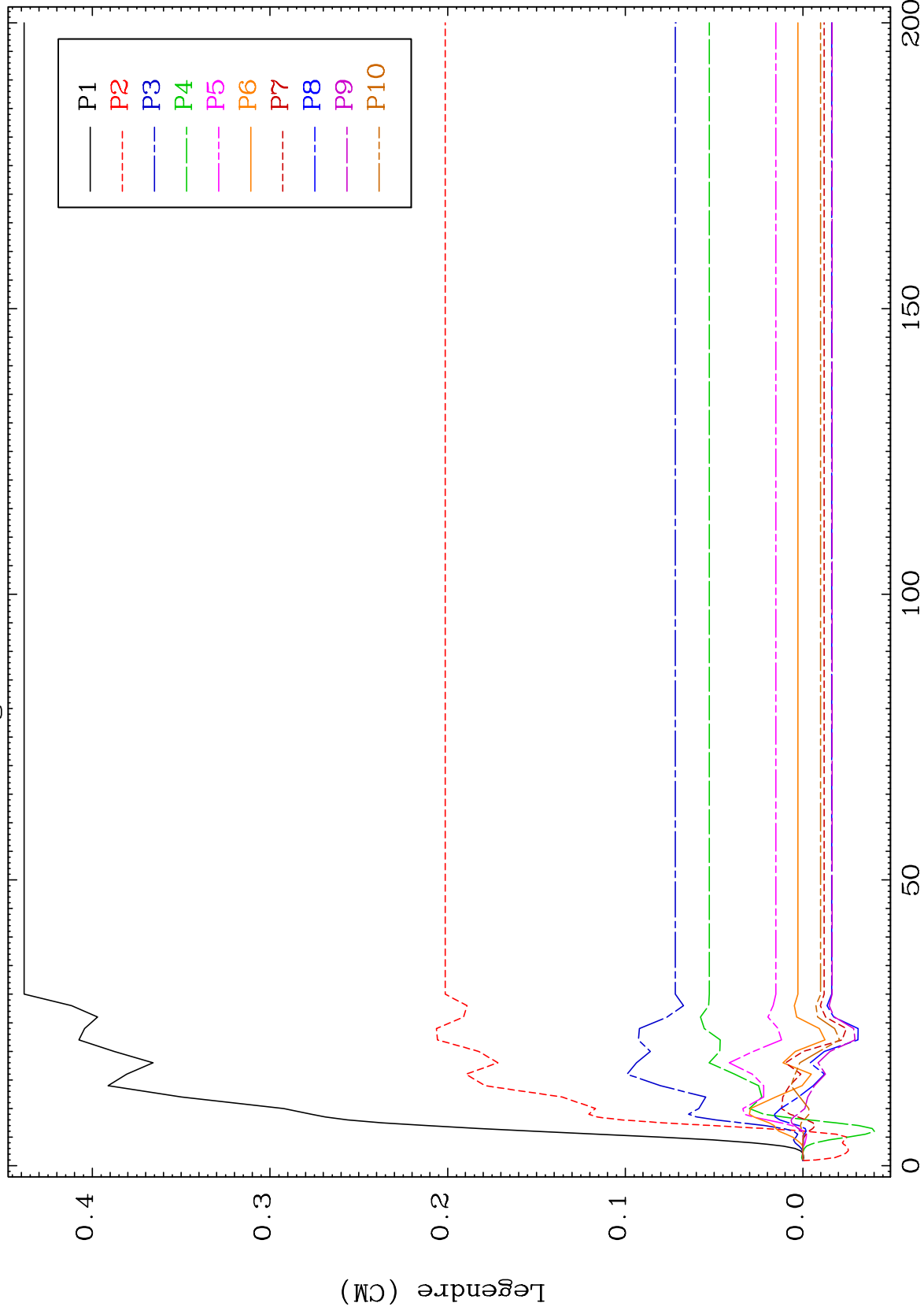
79-Au-197



MAT 7925

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

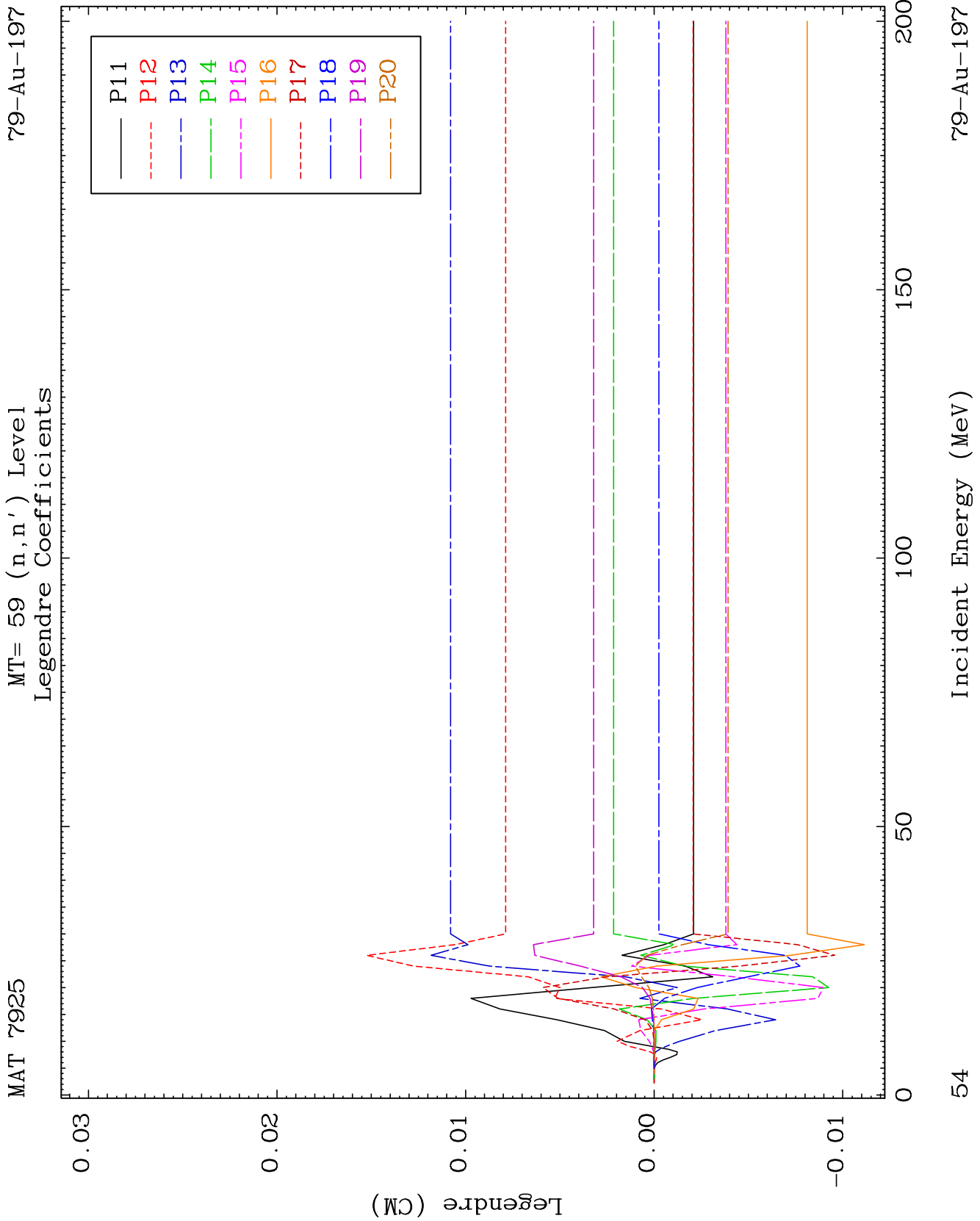
79-Au-197

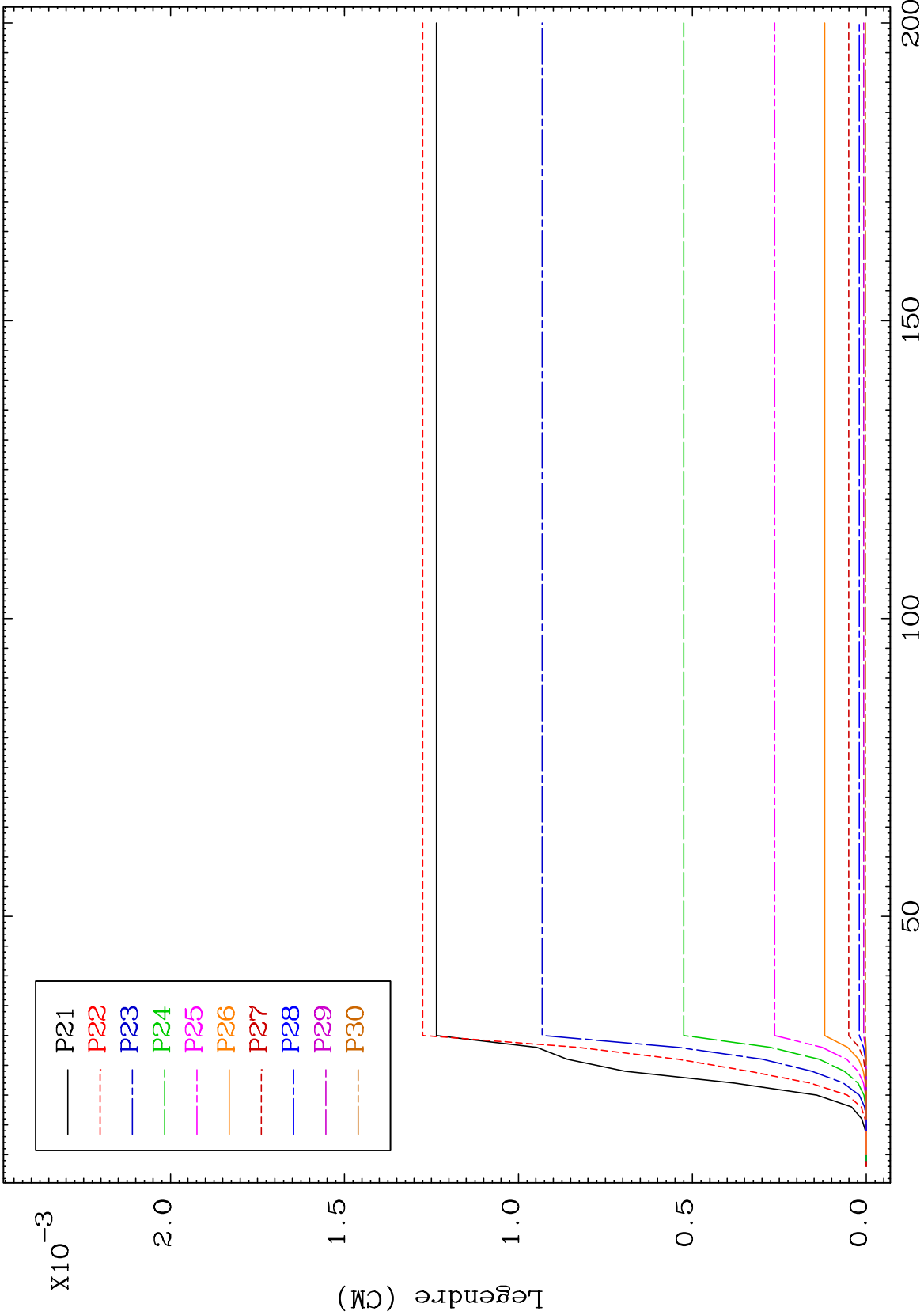


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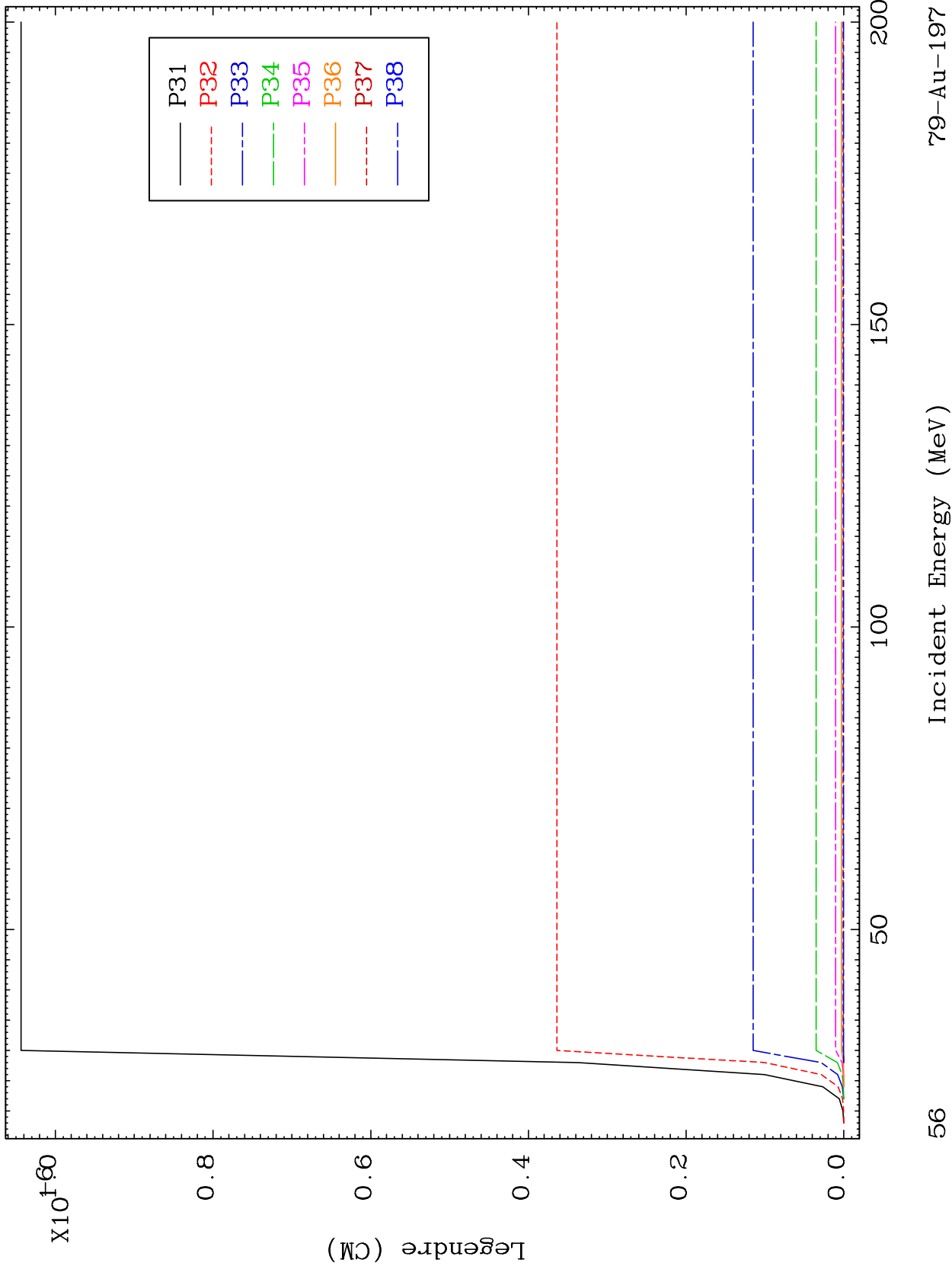
Incident Energy (MeV)

79-Au-197





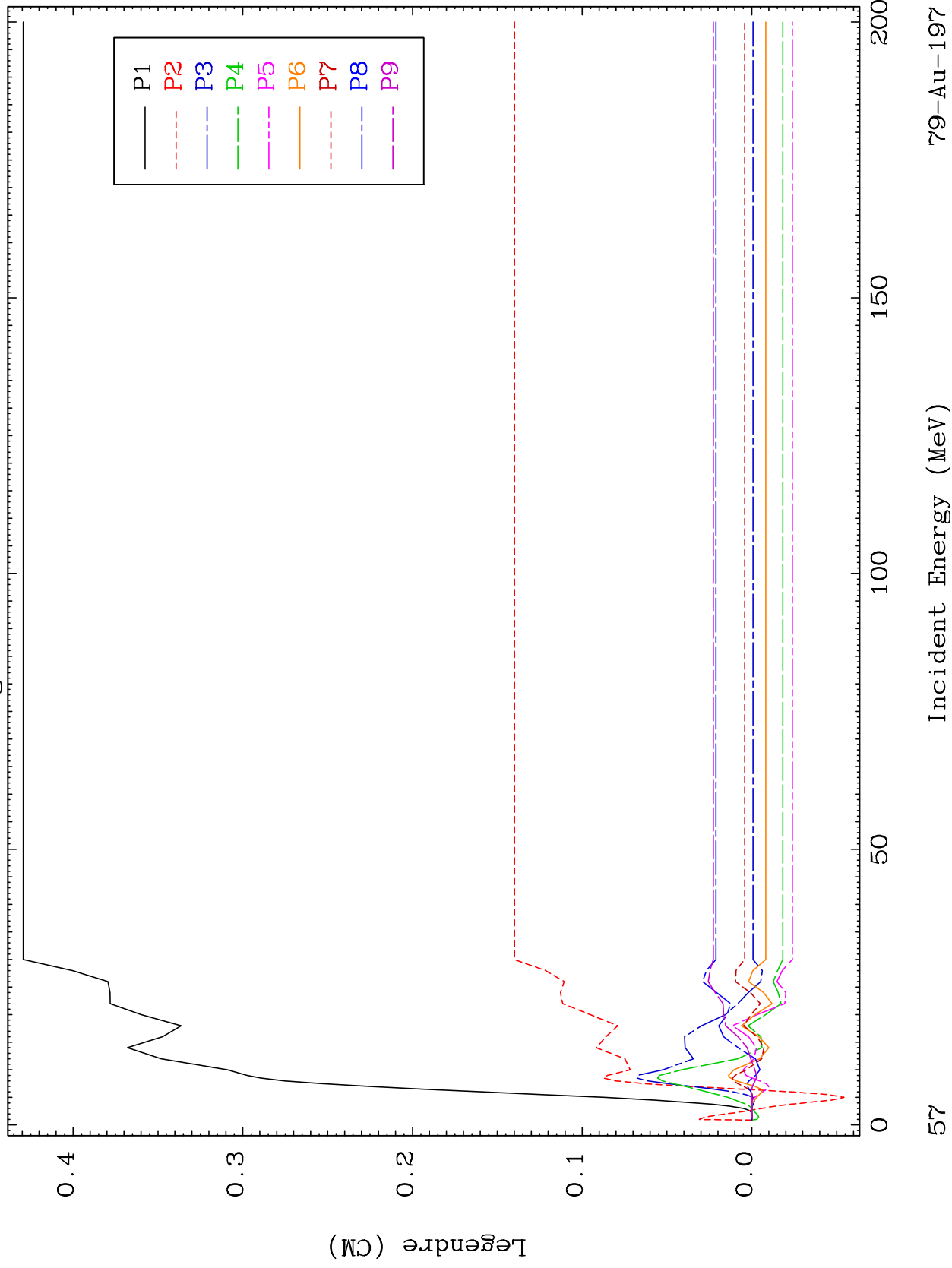




MAT 7925

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

79-Au-197



79-Au-197

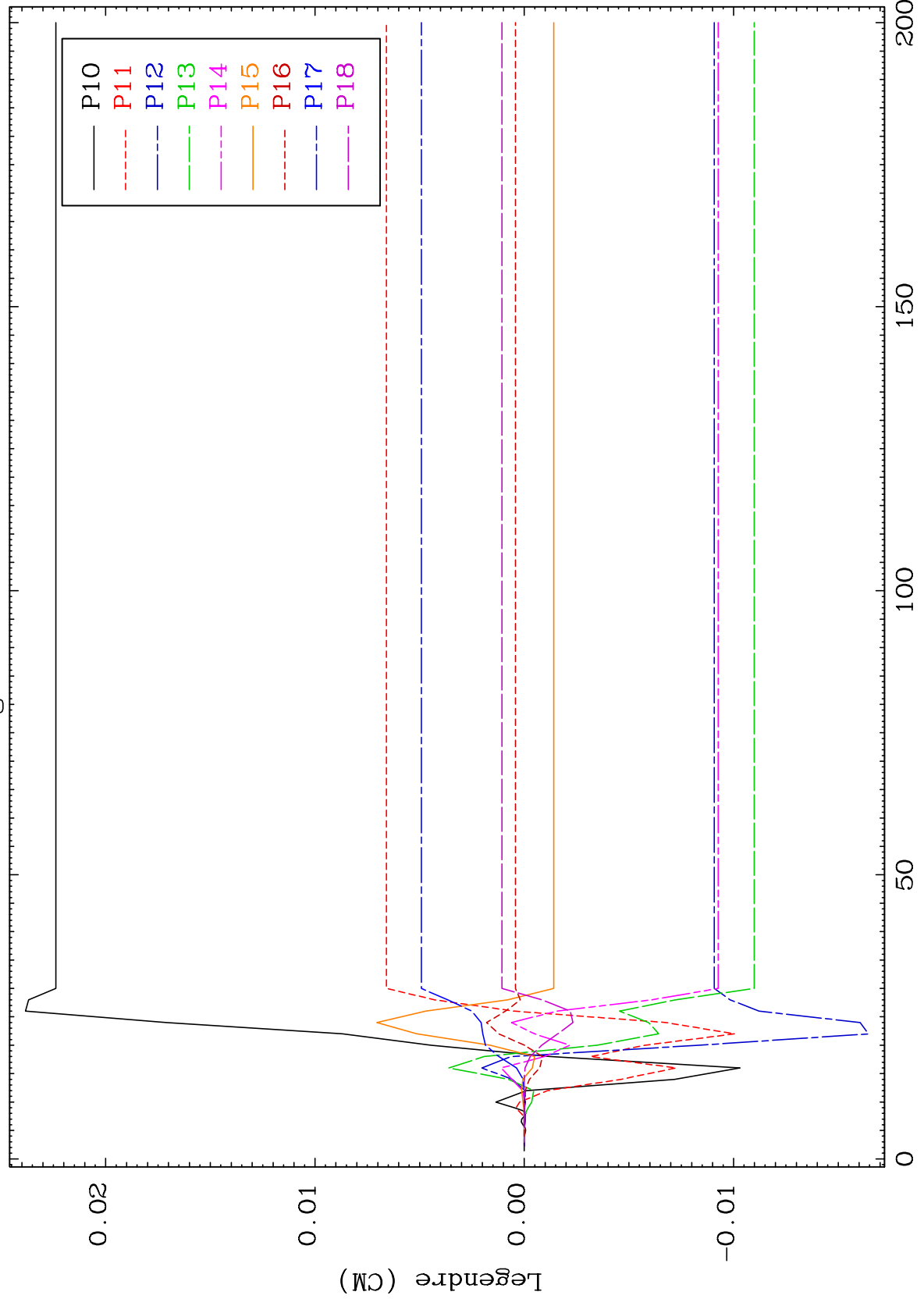
Incident Energy (MeV)

57

MAT 7925

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

79-Au-197



58

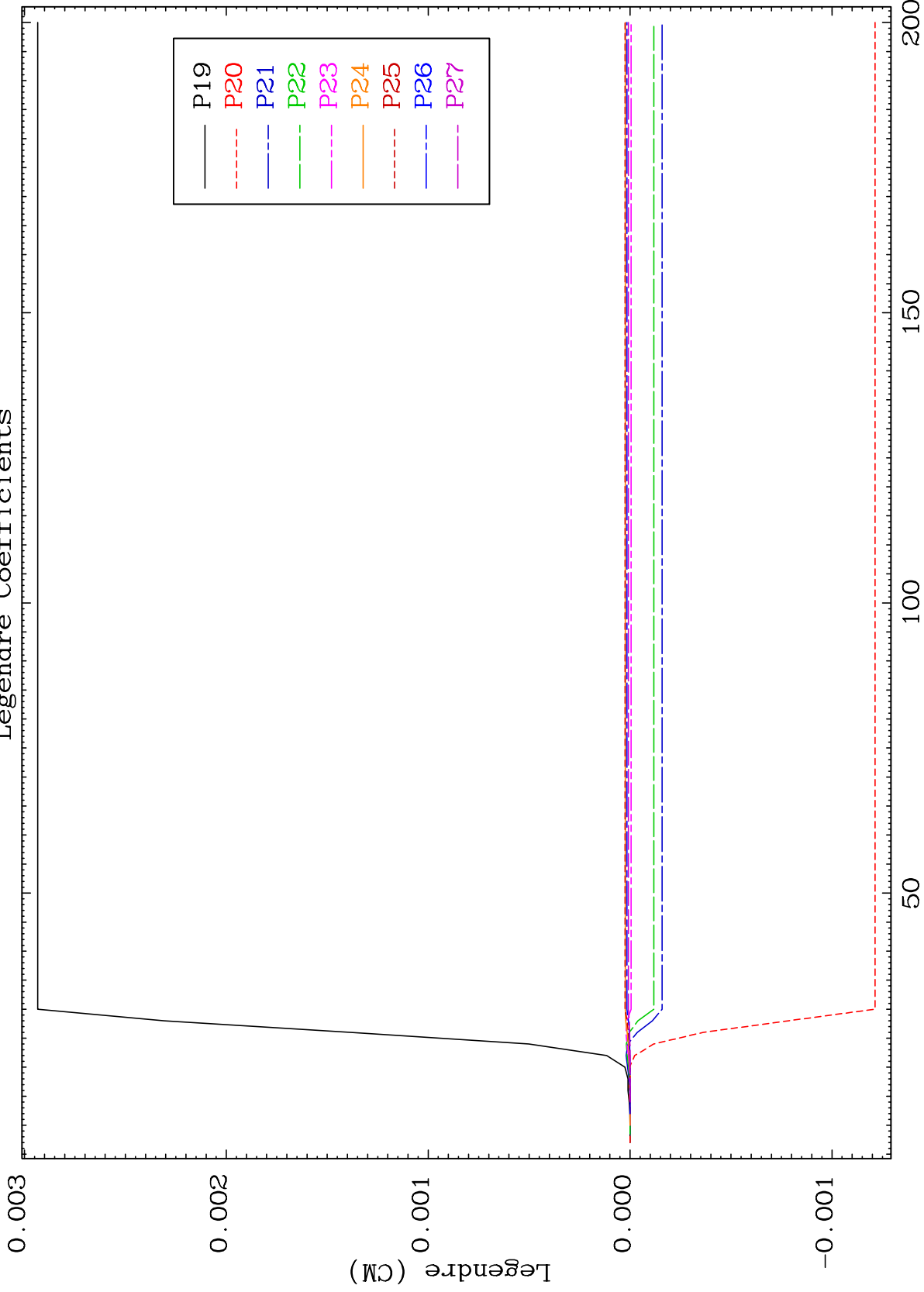
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



59

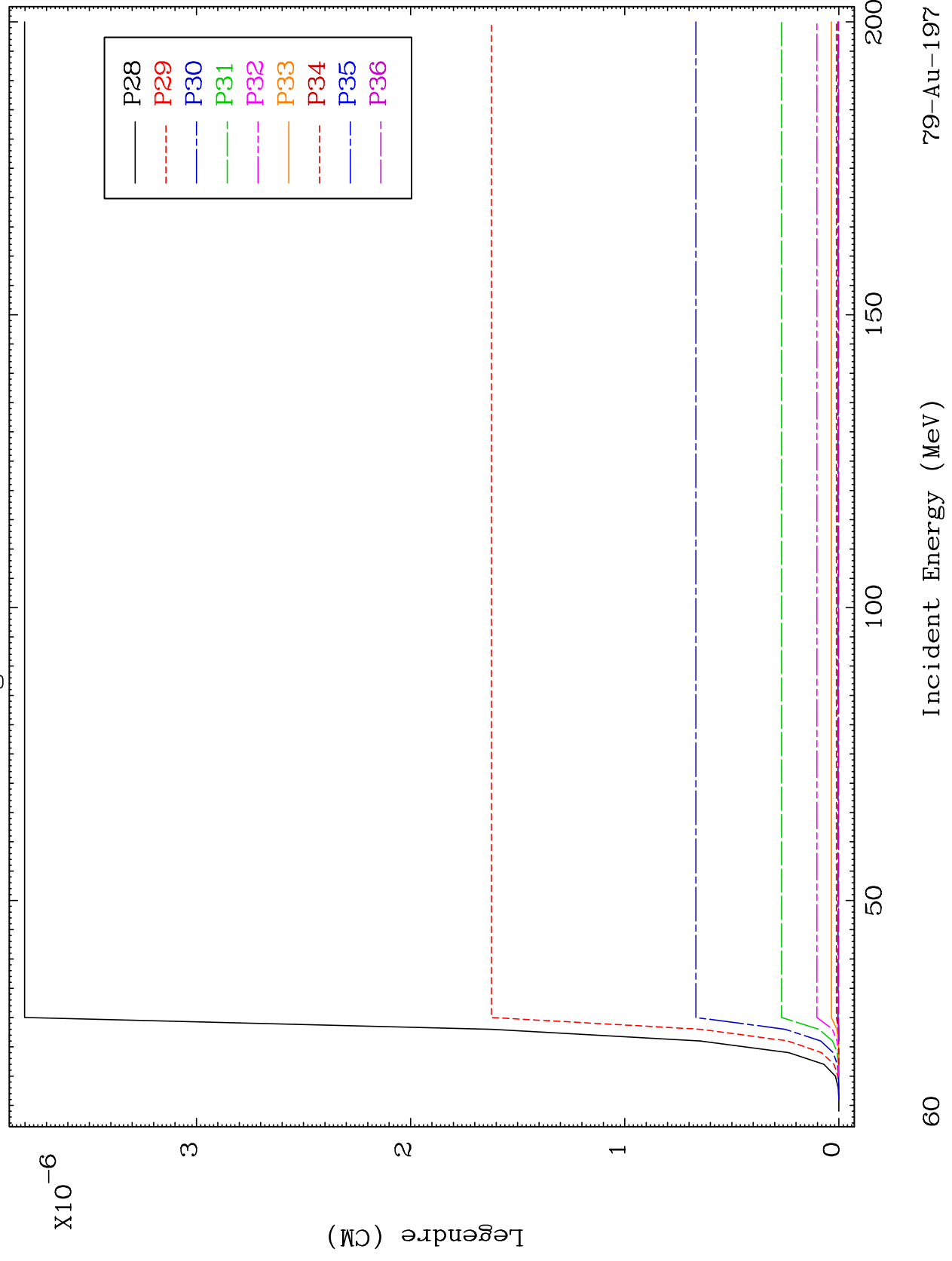
Incident Energy (MeV)

79-Au-197

MAT 7925

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

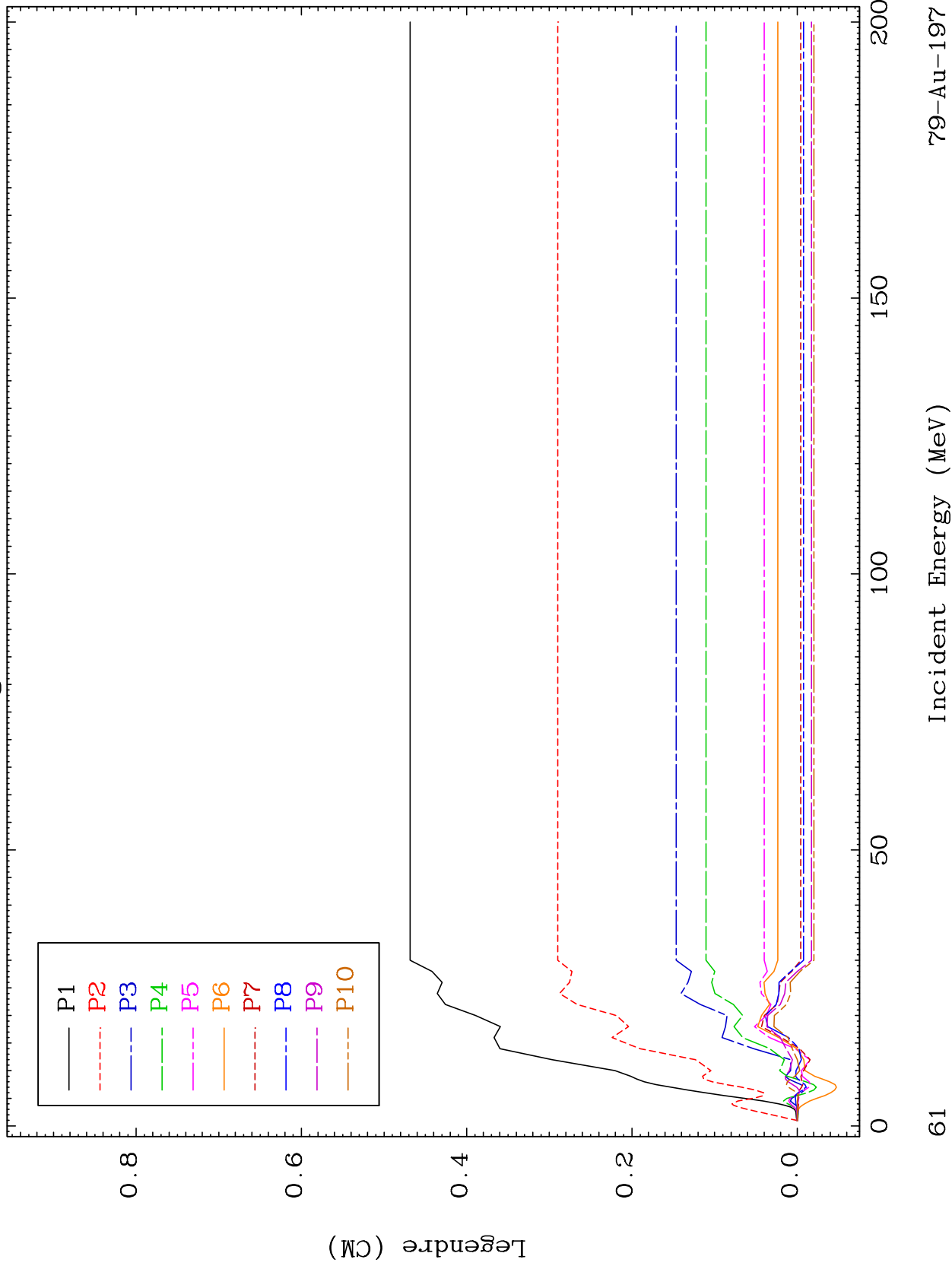
79-Au-197



MAT 7925

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

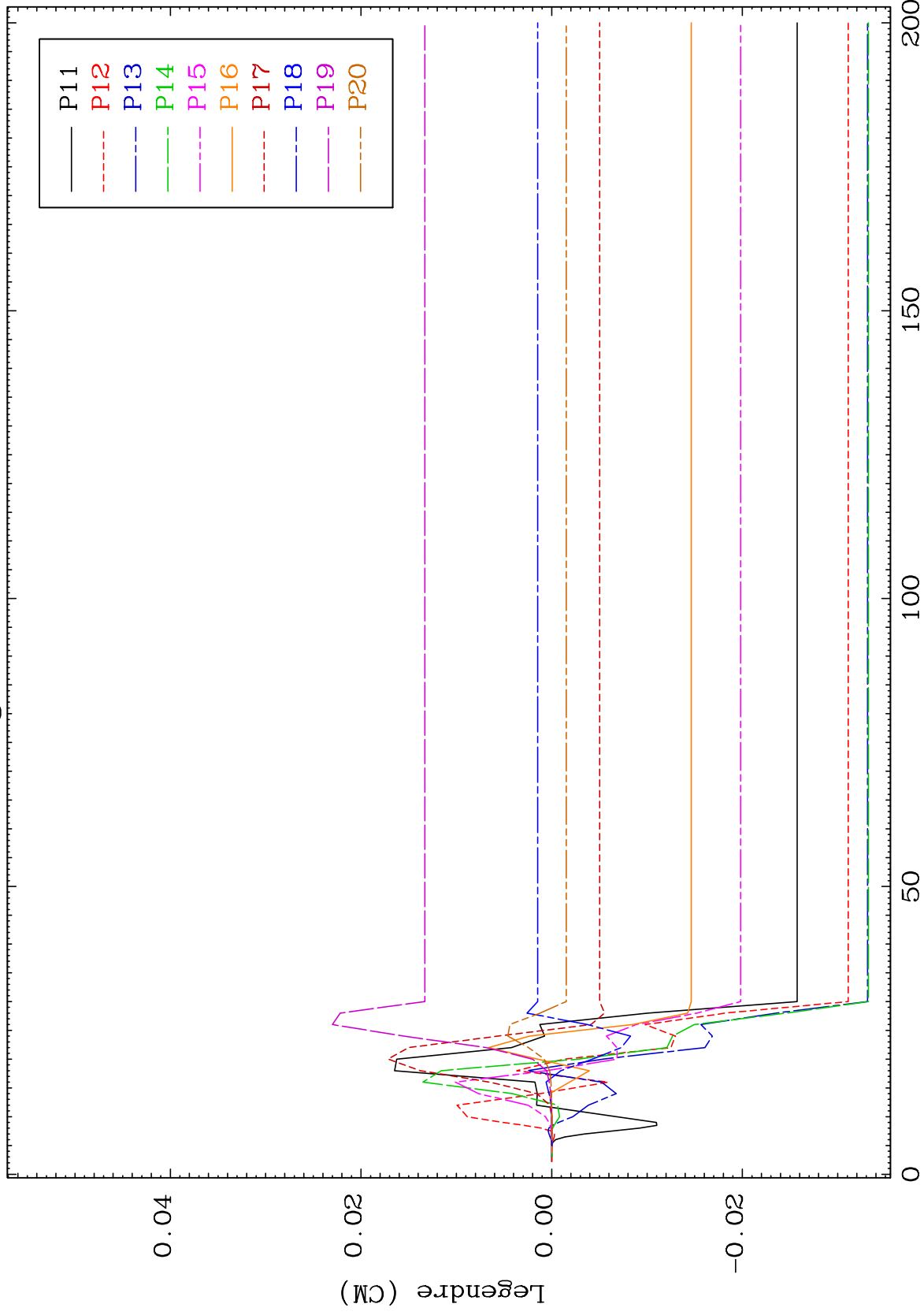
79-Au-197



MAT 7925

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

79-Au-197



62

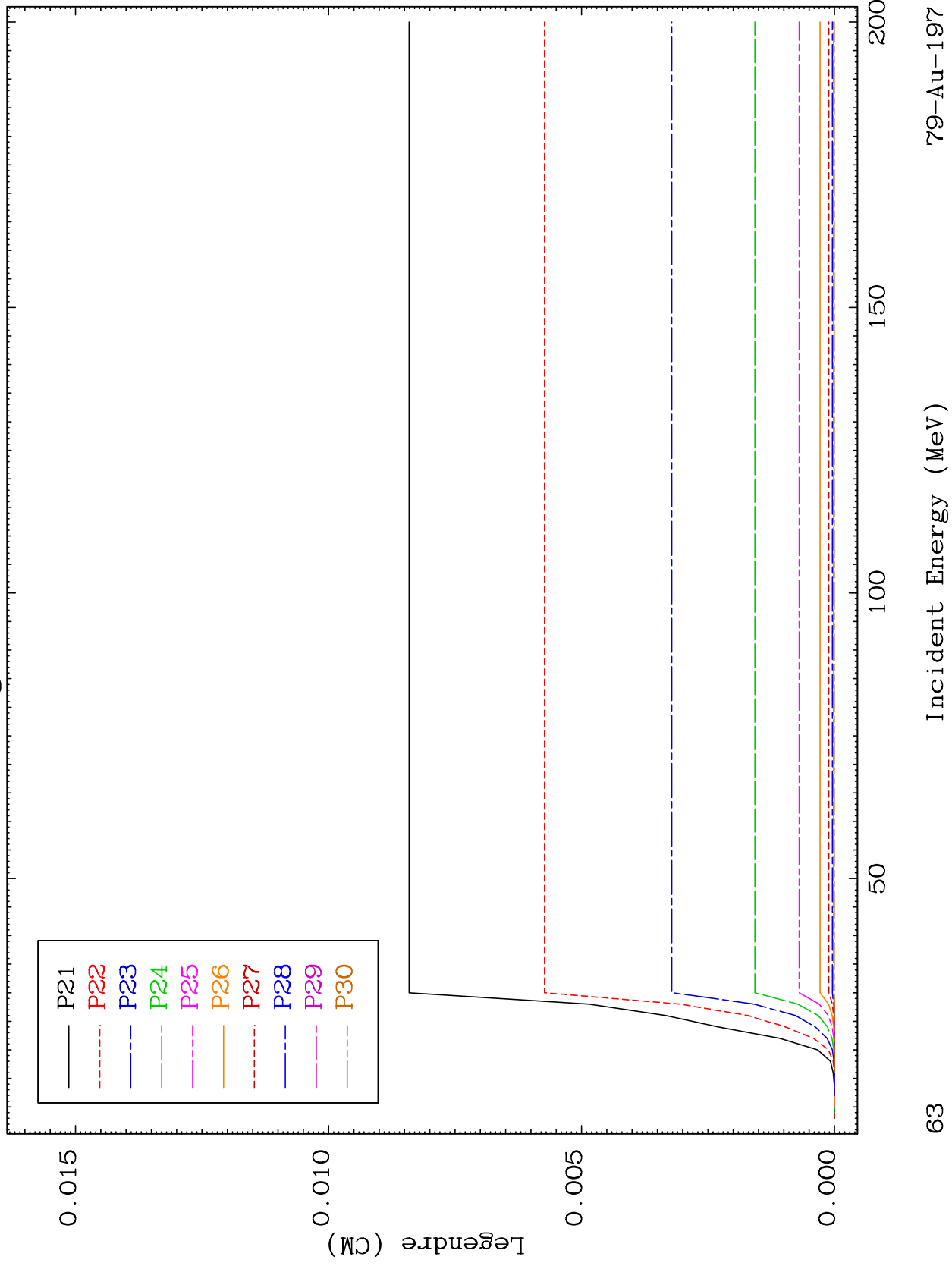
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



63

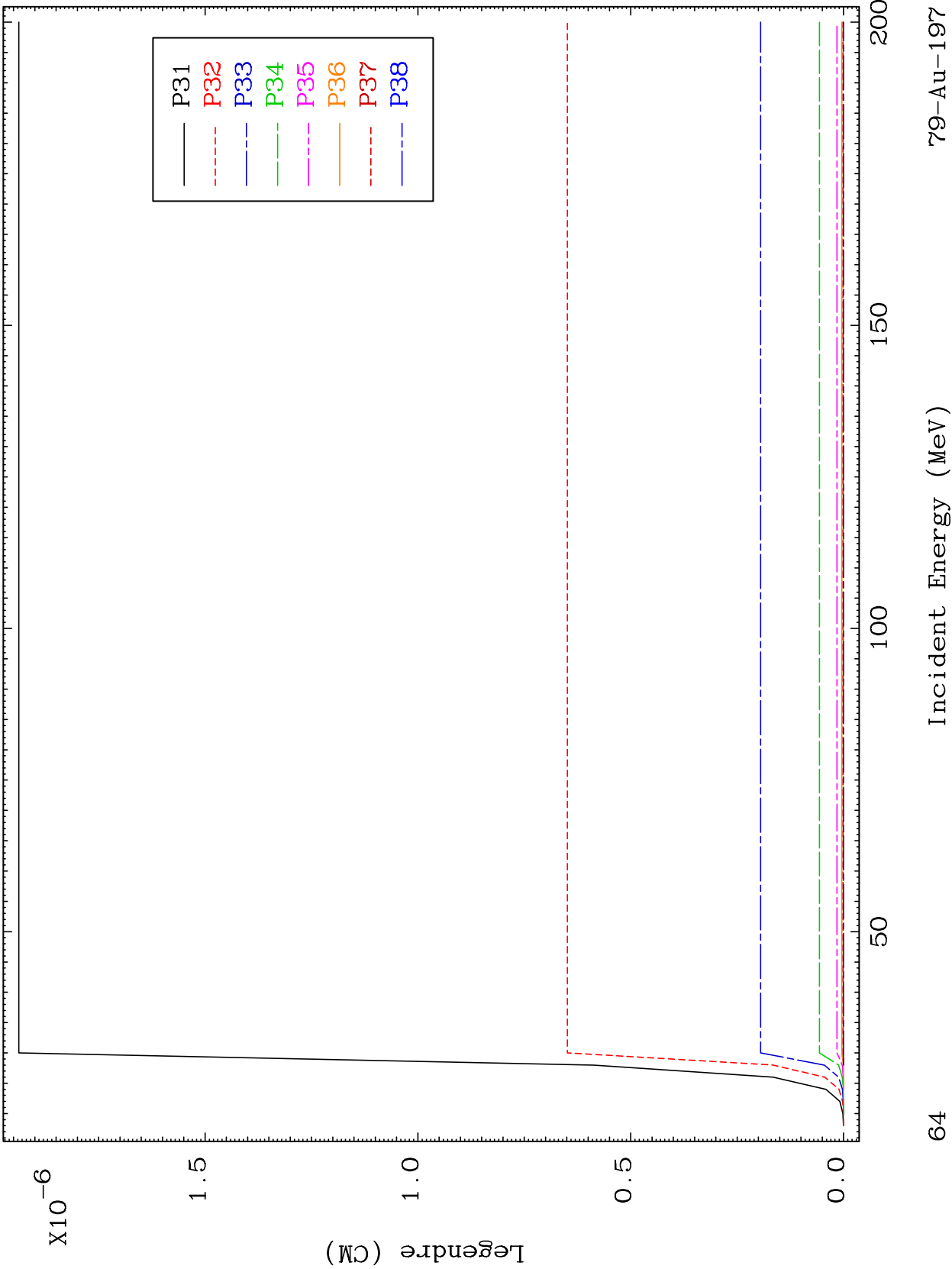
79-Au-197



MAT 7925

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

79-Au-197



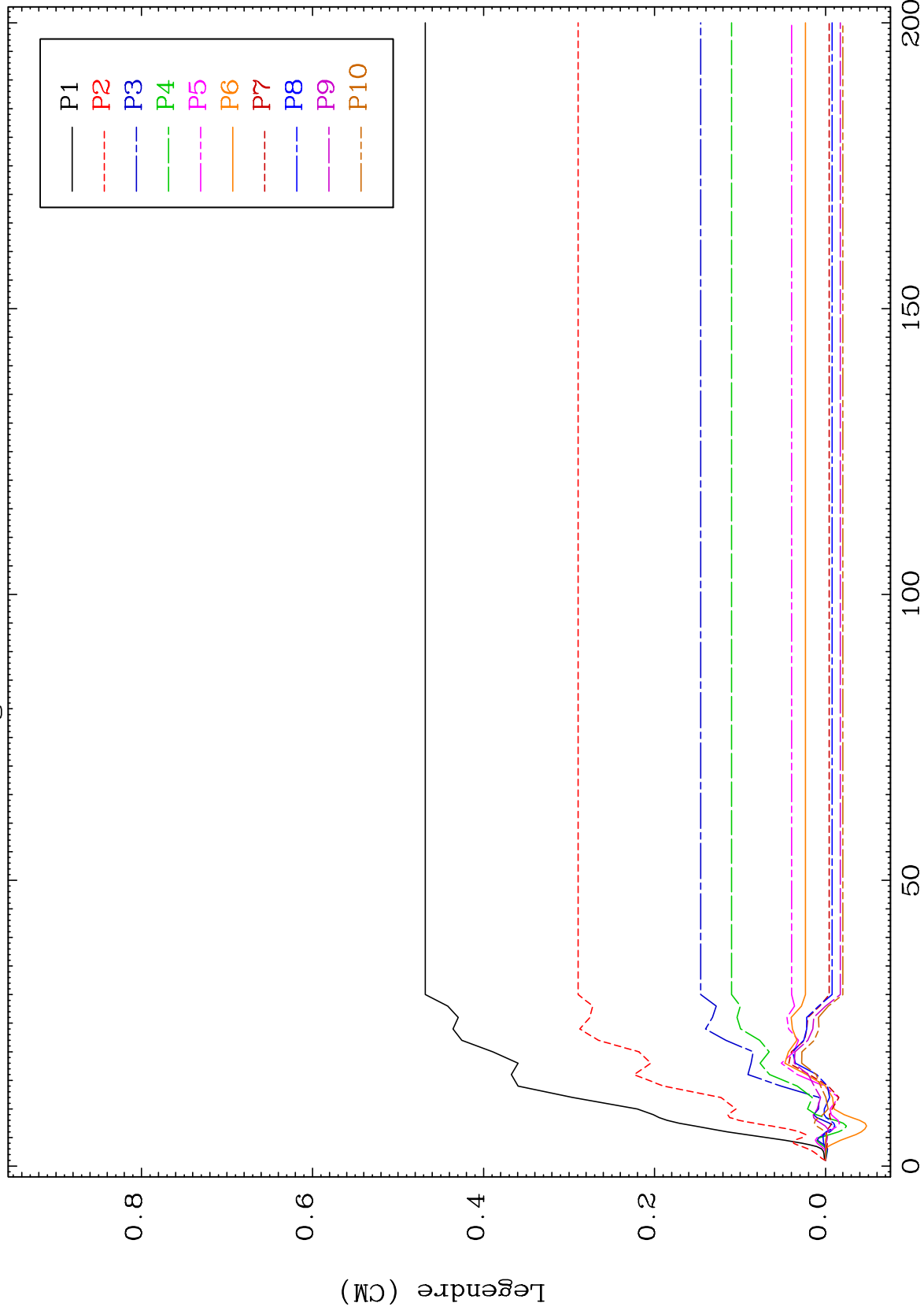
64

79-Au-197

MAT 7925

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

79-Au-197



65

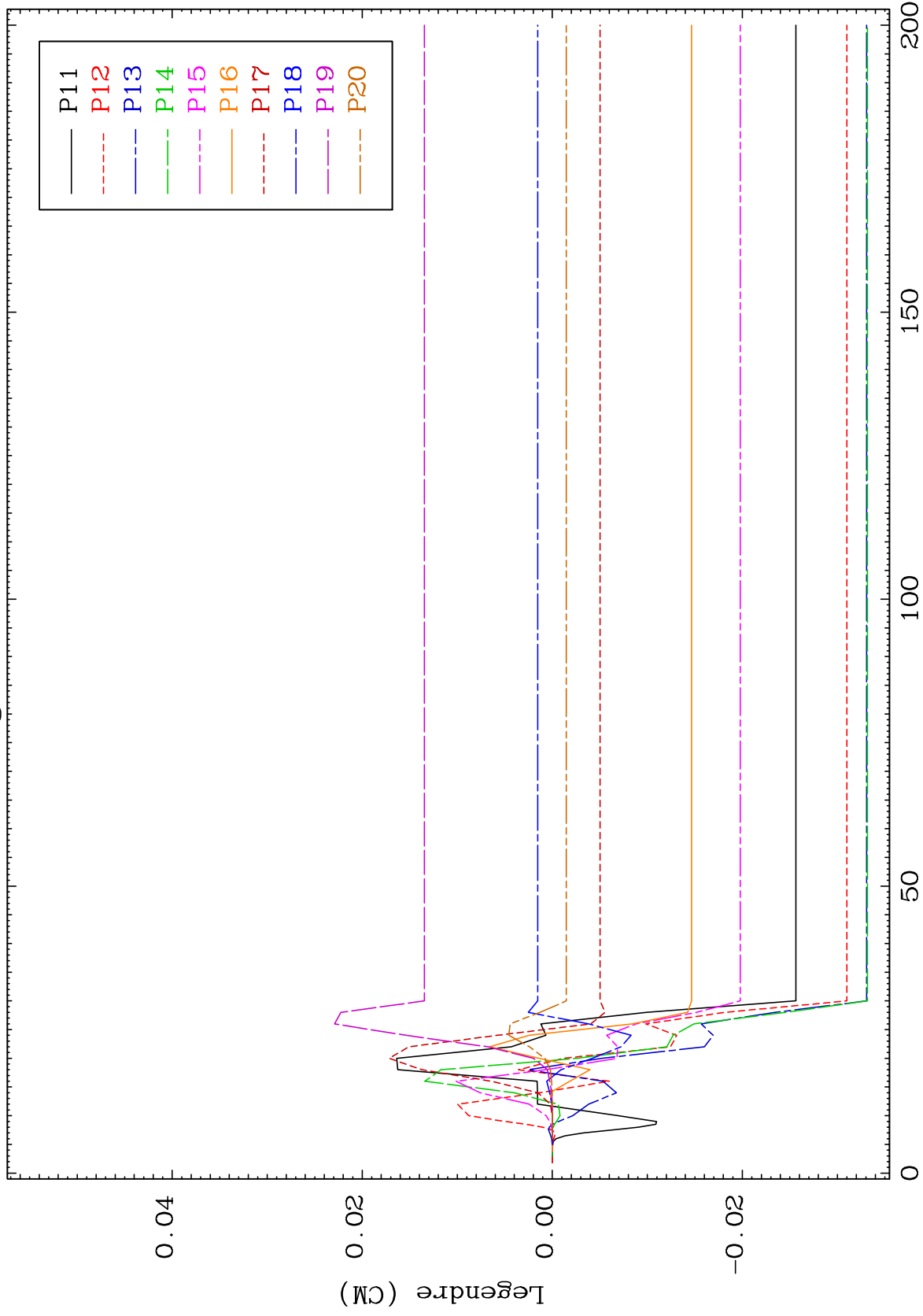
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



66

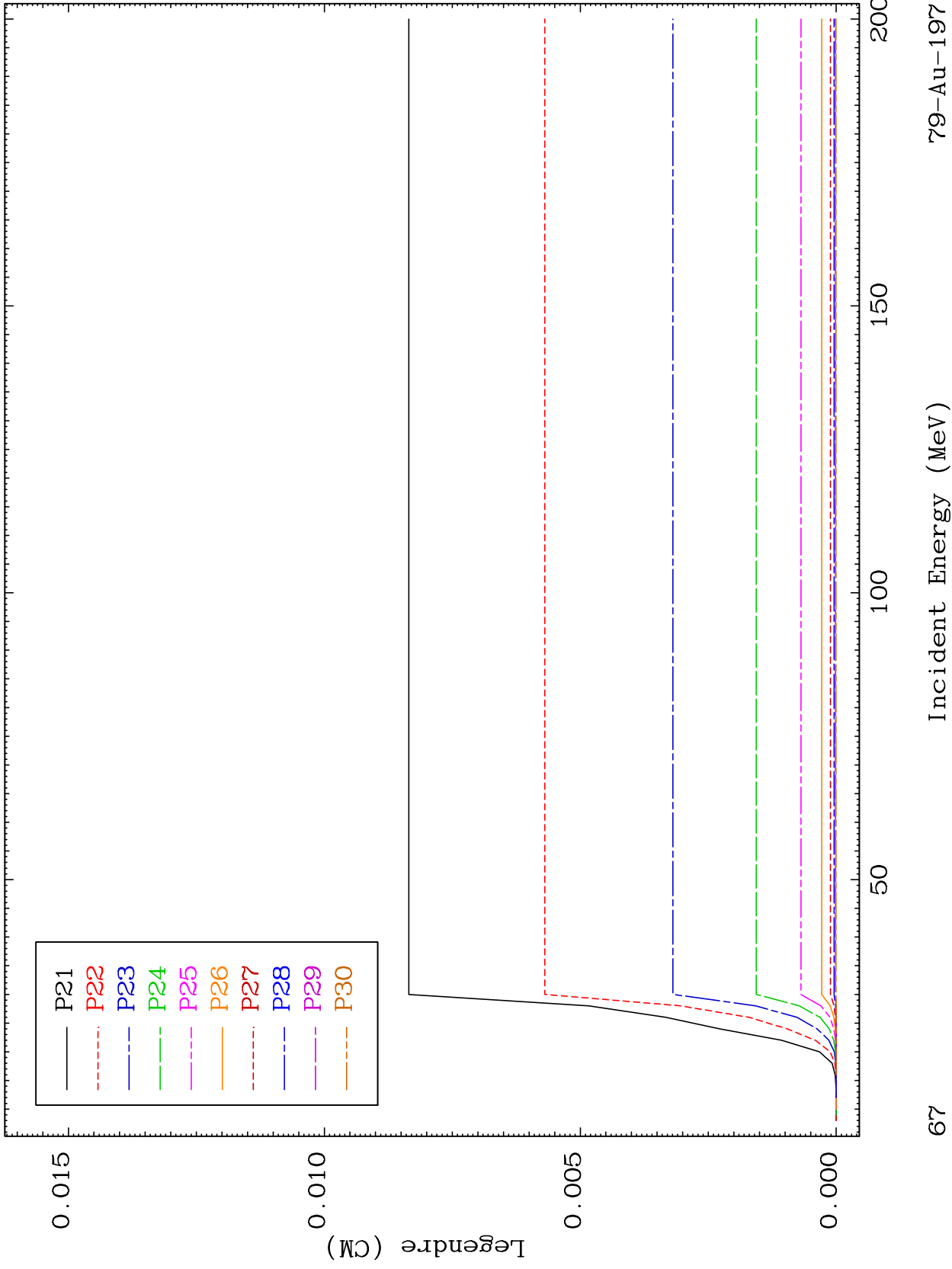
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



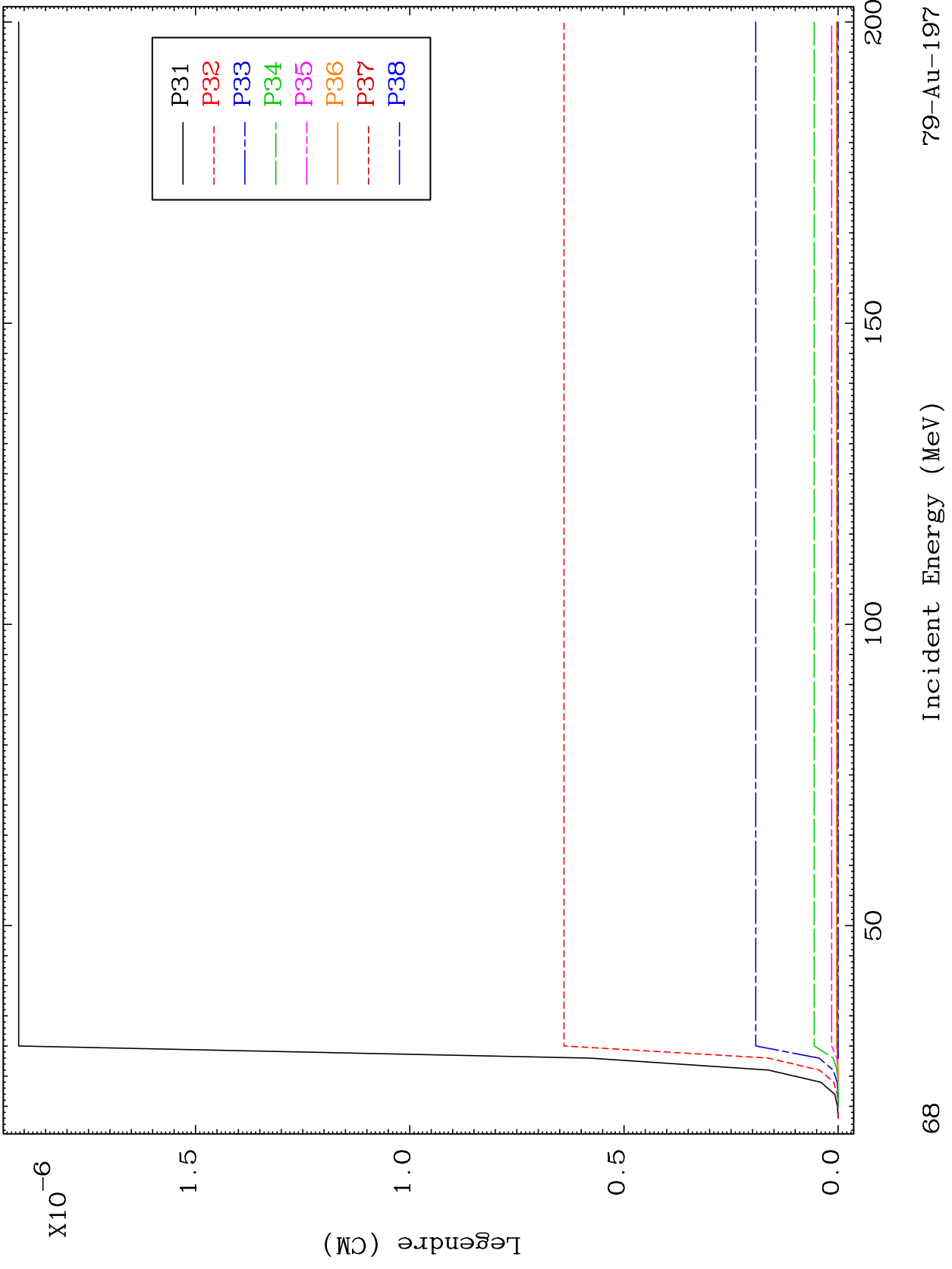
67

79-Au-197

MAT 7925

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

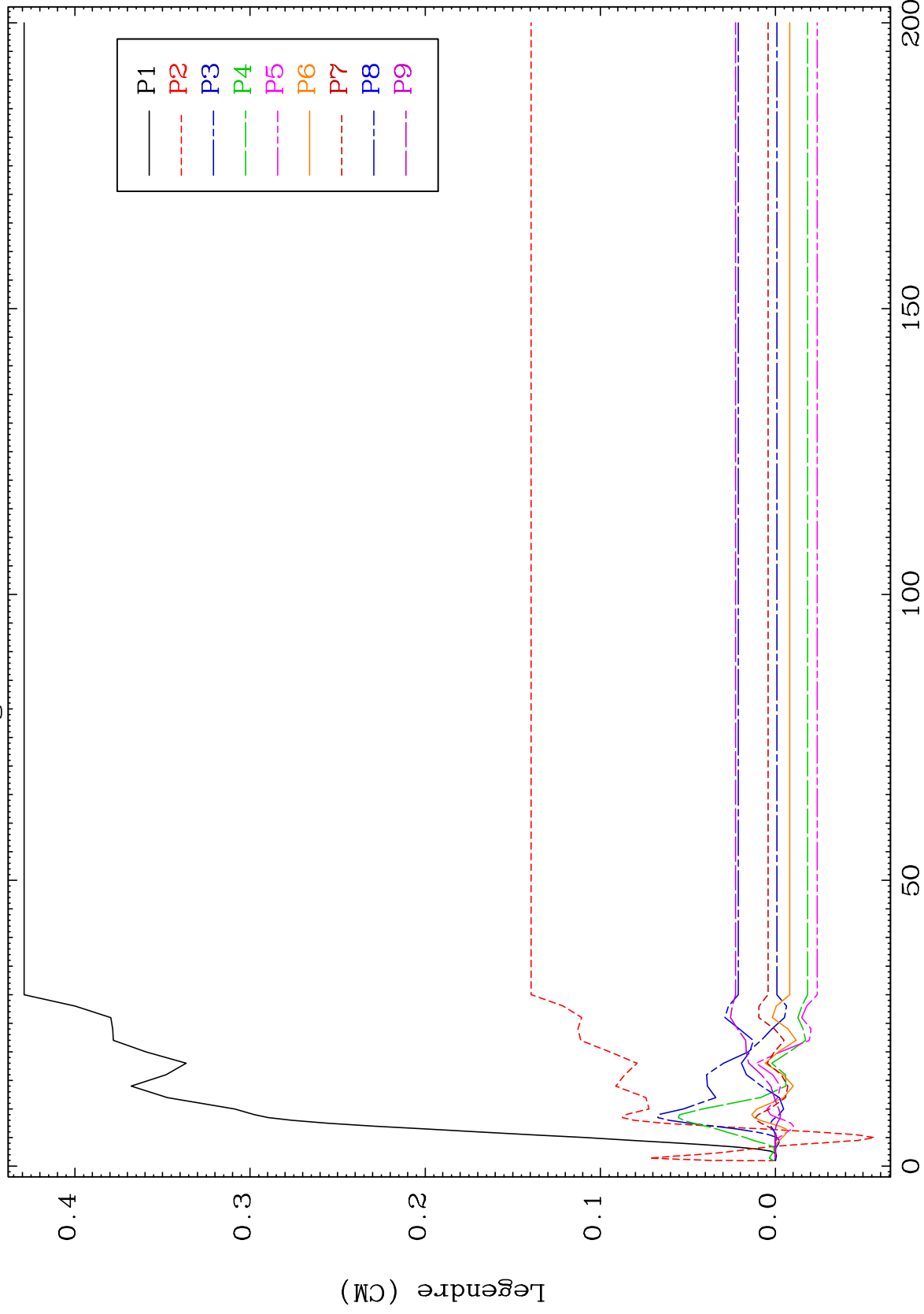
79-Au-197



MAT 7925

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

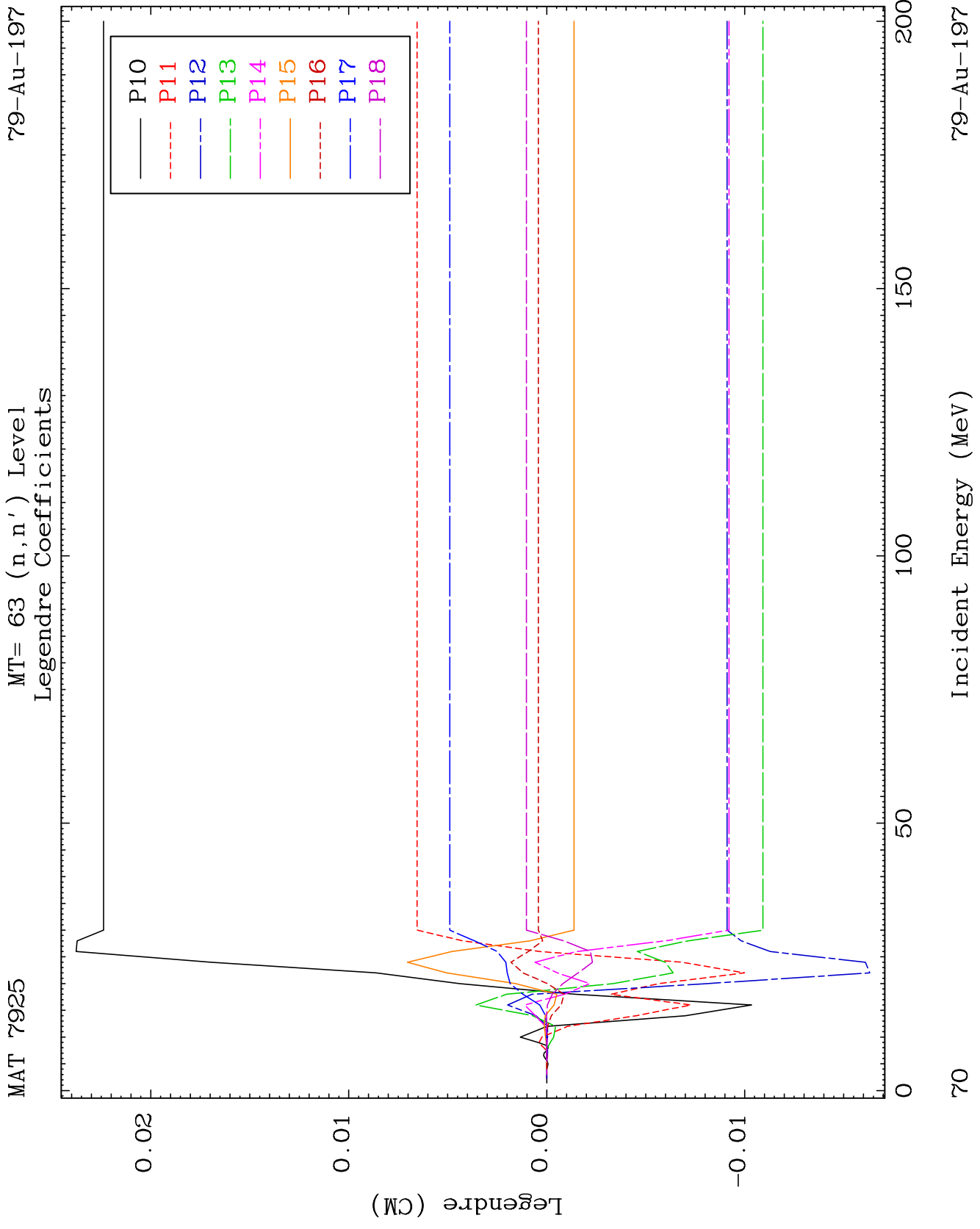
79-Au-197



69

Incident Energy (MeV)

79-Au-197



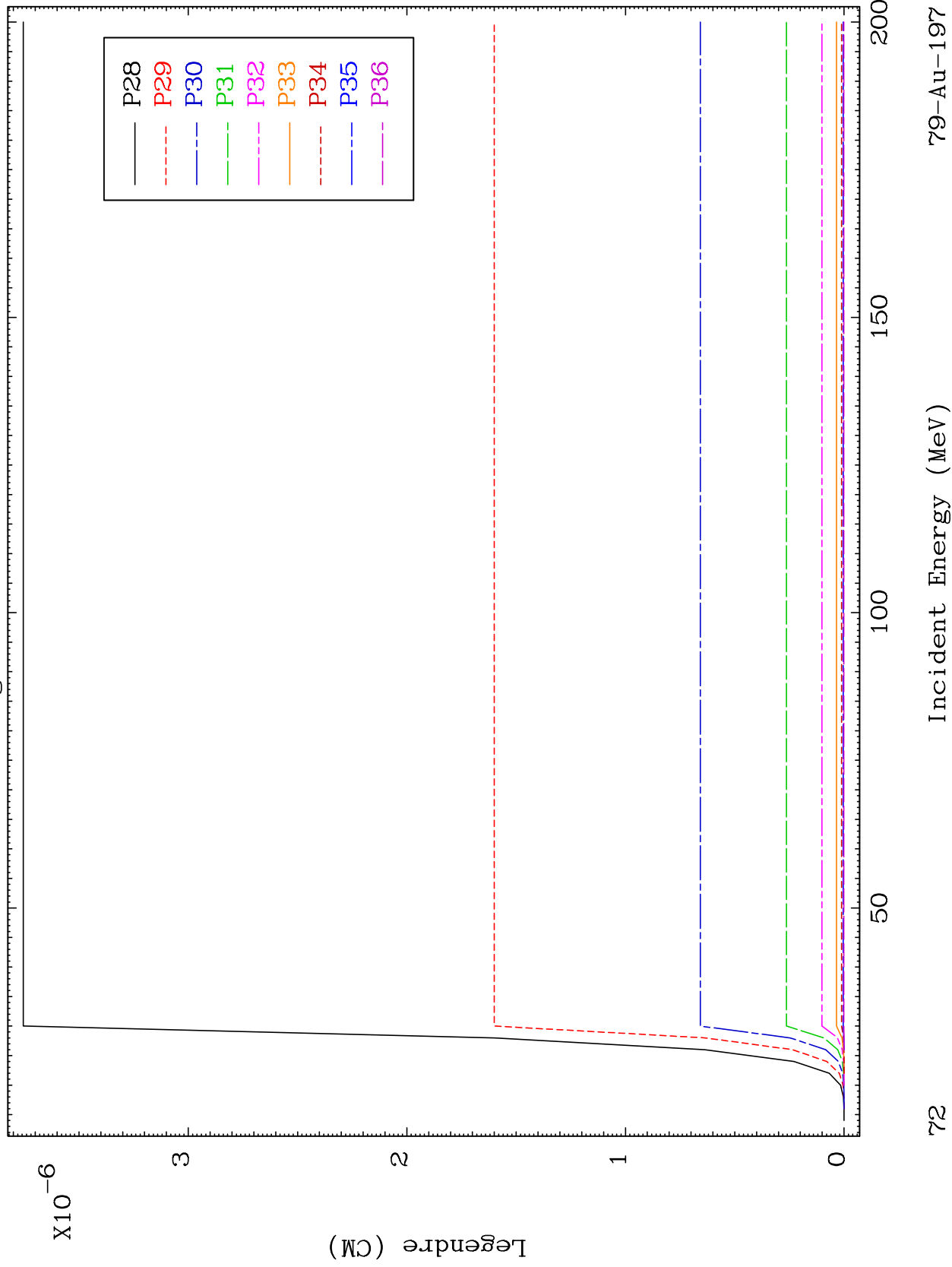




MAT 7925

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

79-Au-197



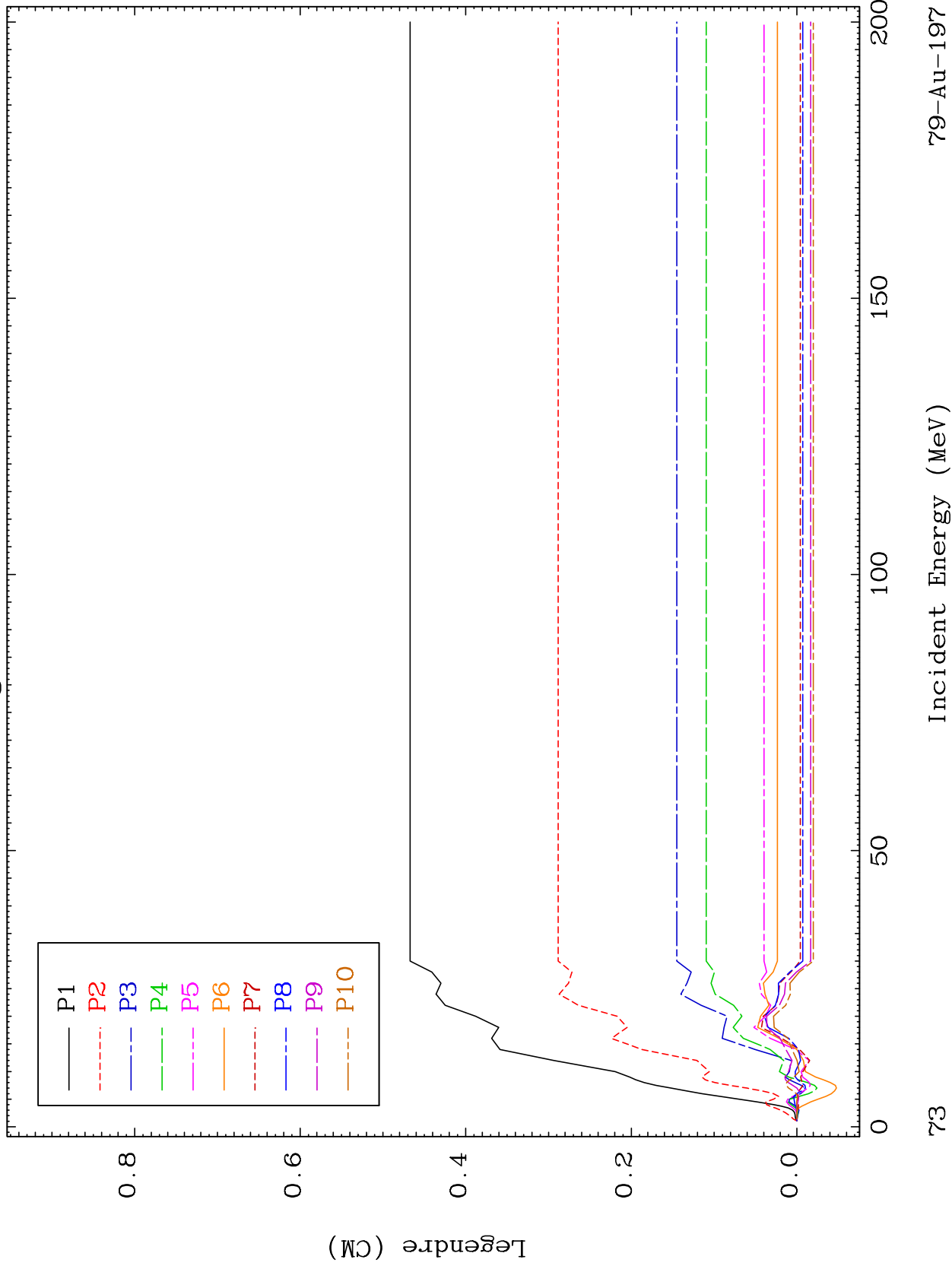
72

79-Au-197

MAT 7925

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

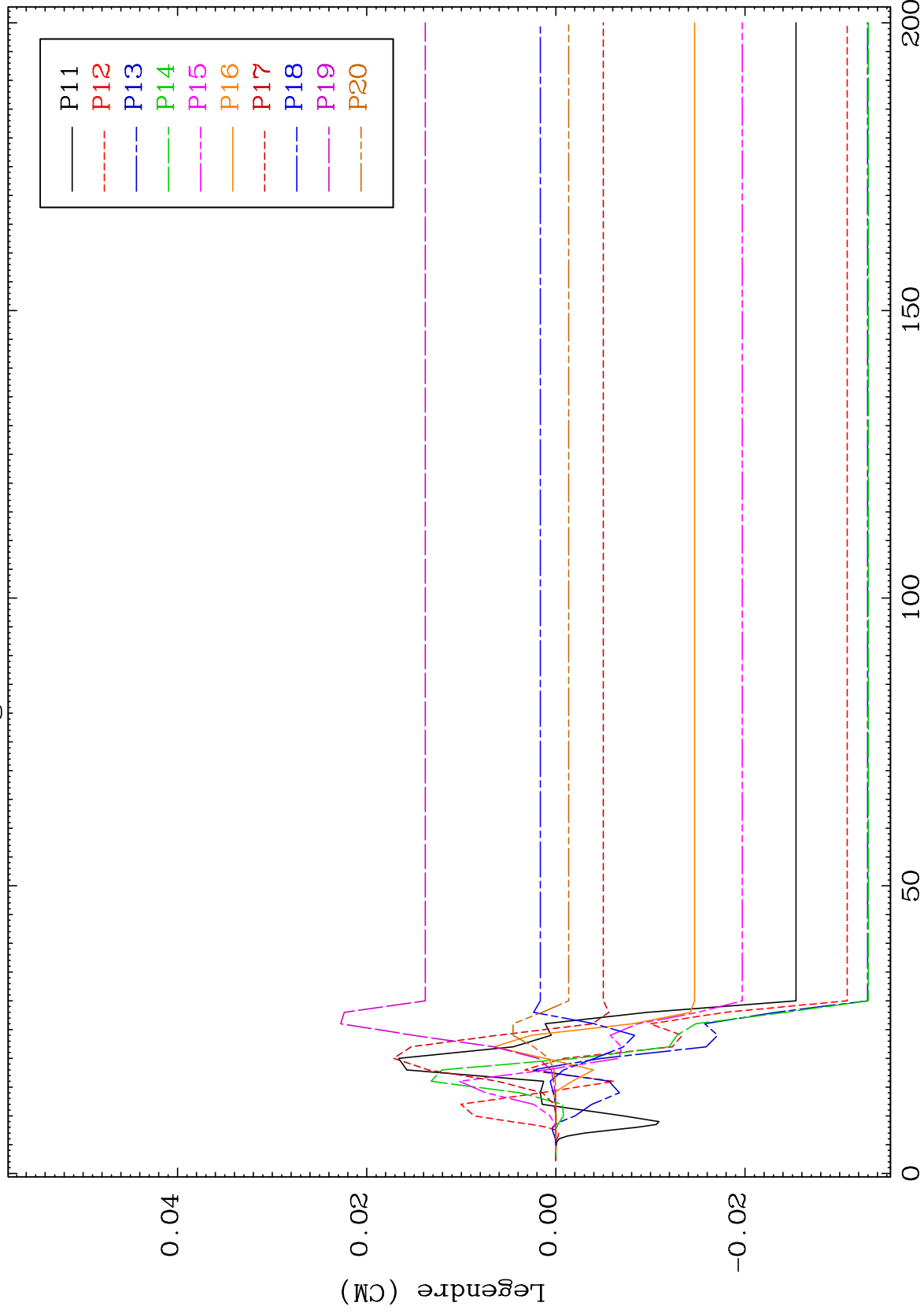
79-Au-197



MAT 7925

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

79-Au-197



74

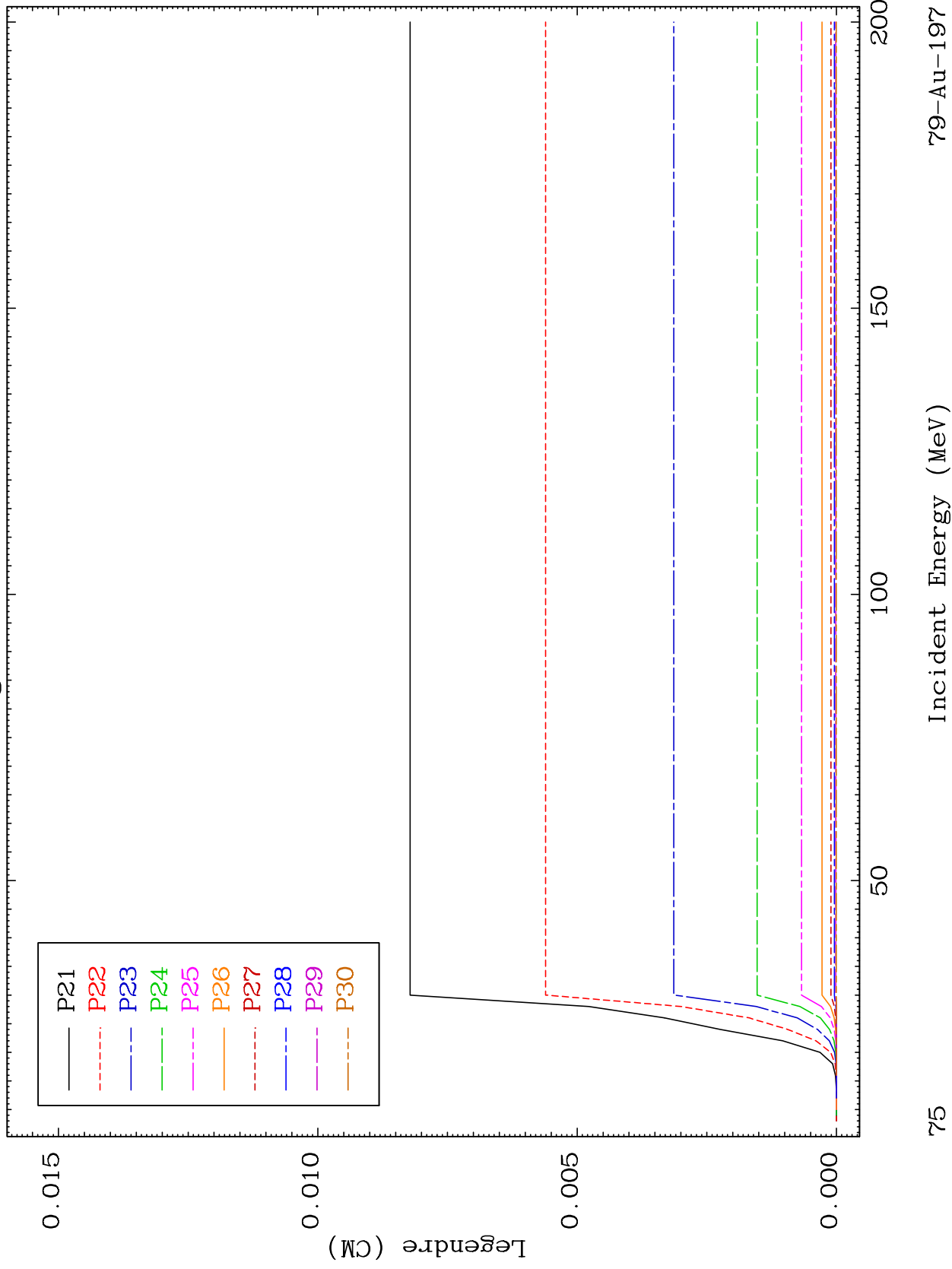
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



75

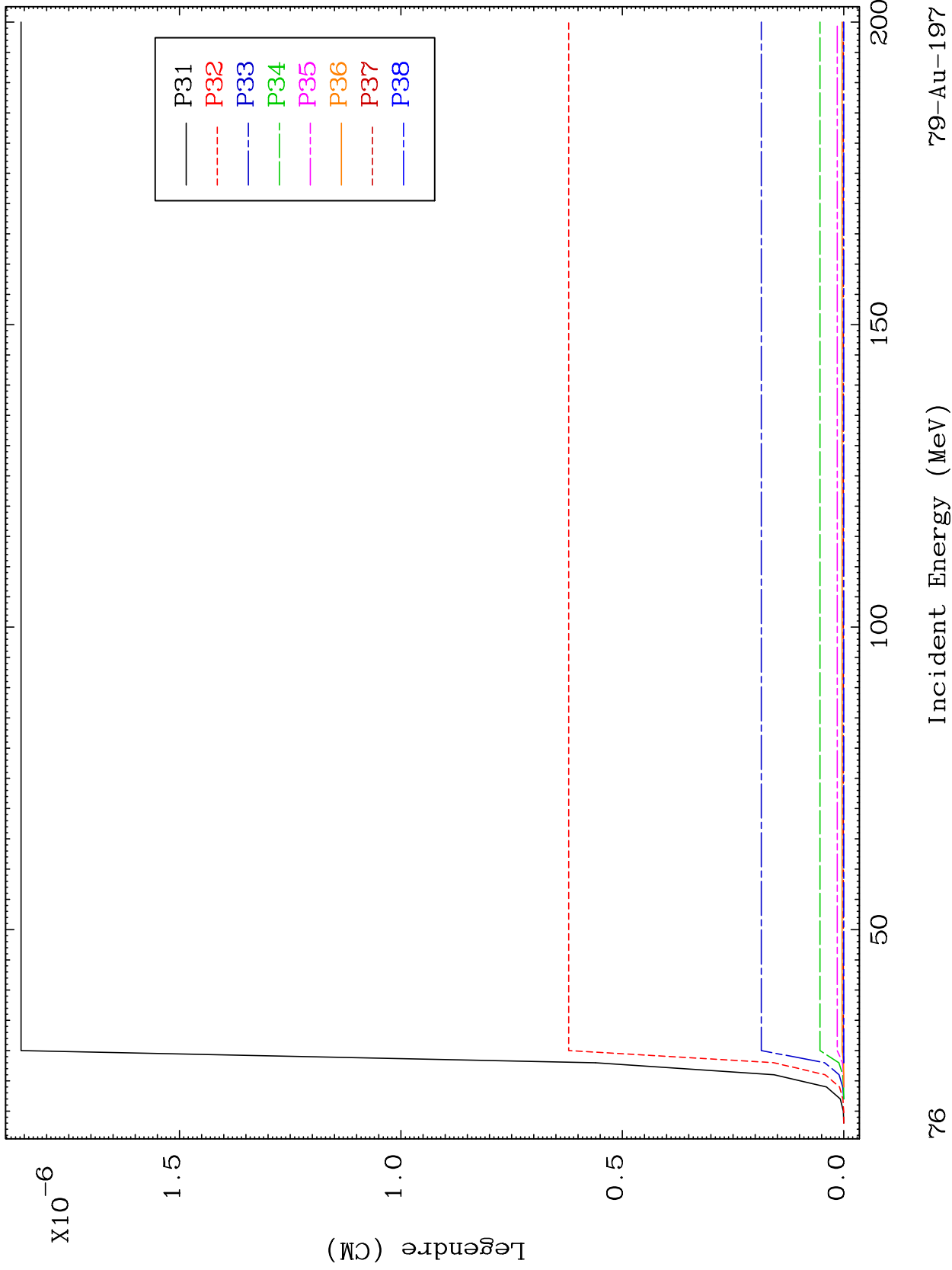
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



76

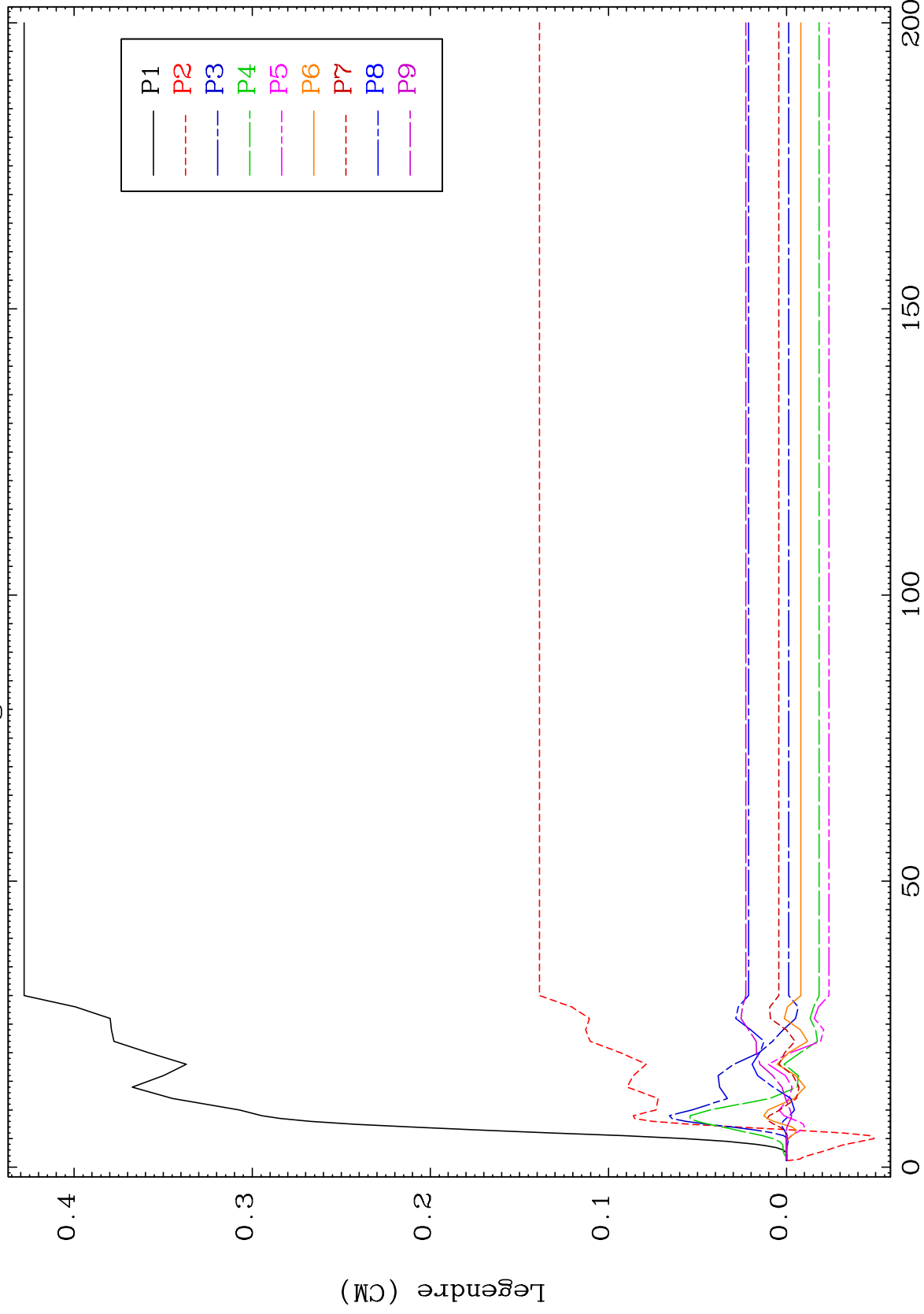
Incident Energy (MeV)

79-Au-197

MAT 7925

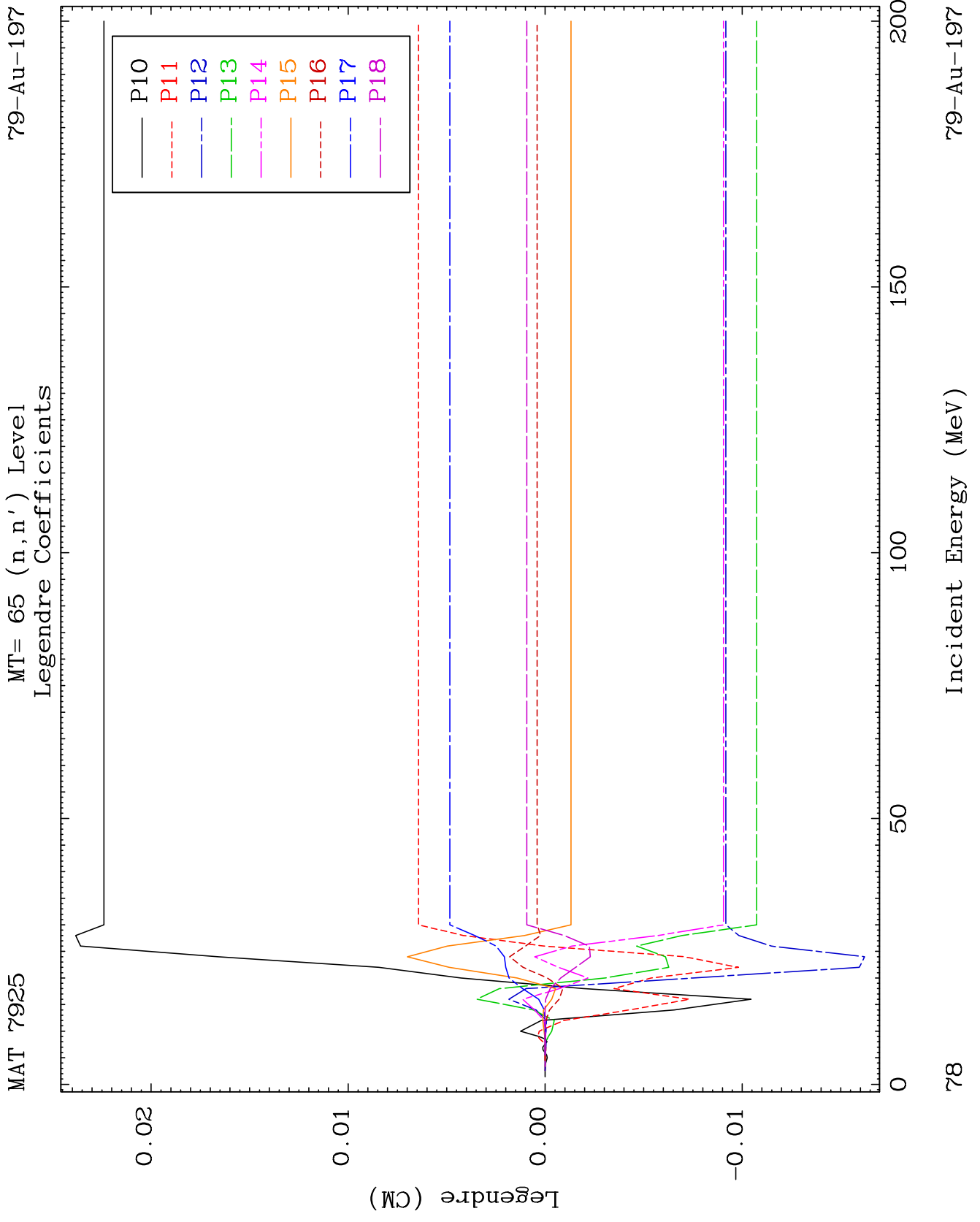
MT= 65 (n,n') Level  
Legendre Coefficients

79-Au-197



77

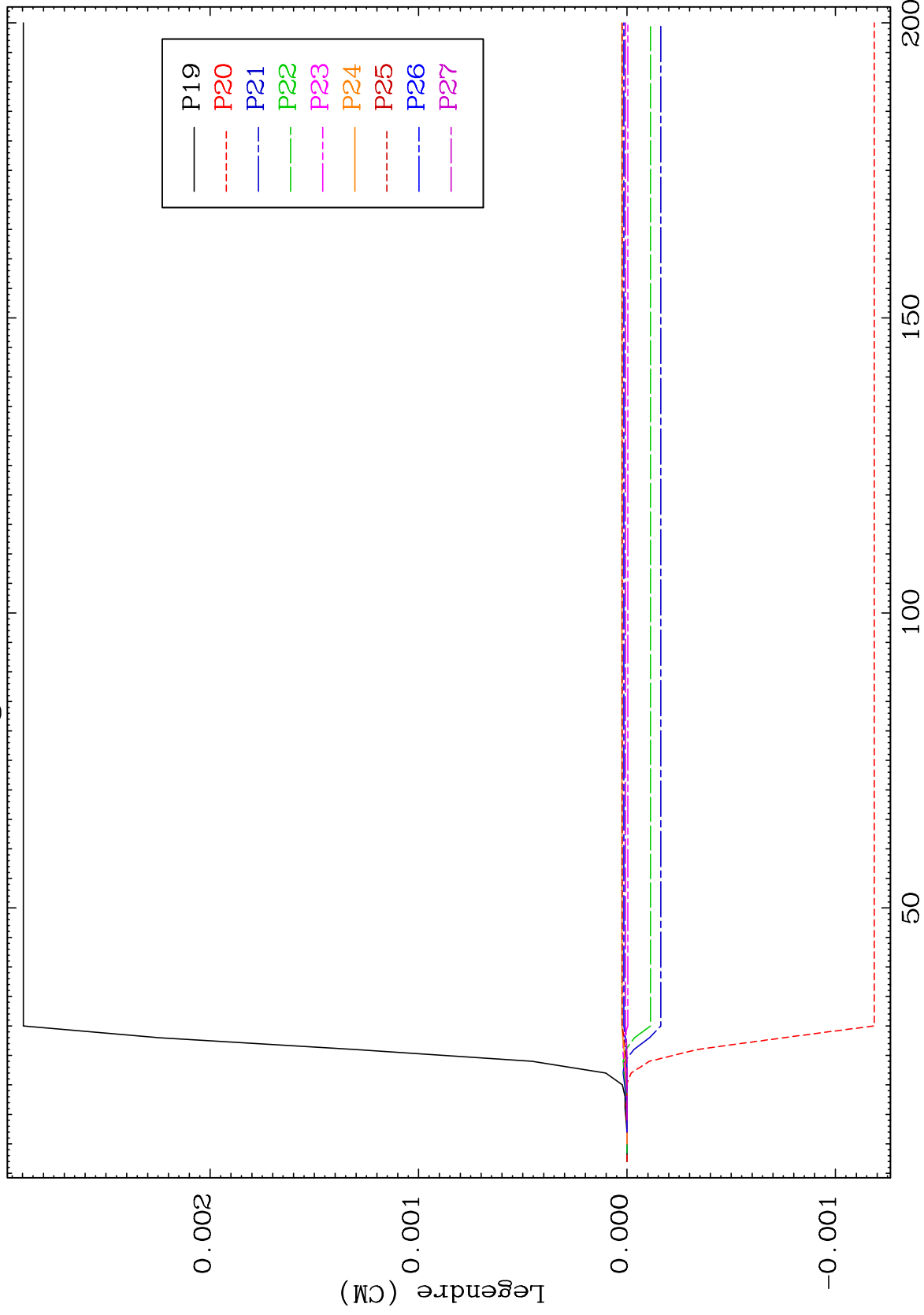
79-Au-197



MAT 7925

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

79-Au-197



79

Incident Energy (MeV)

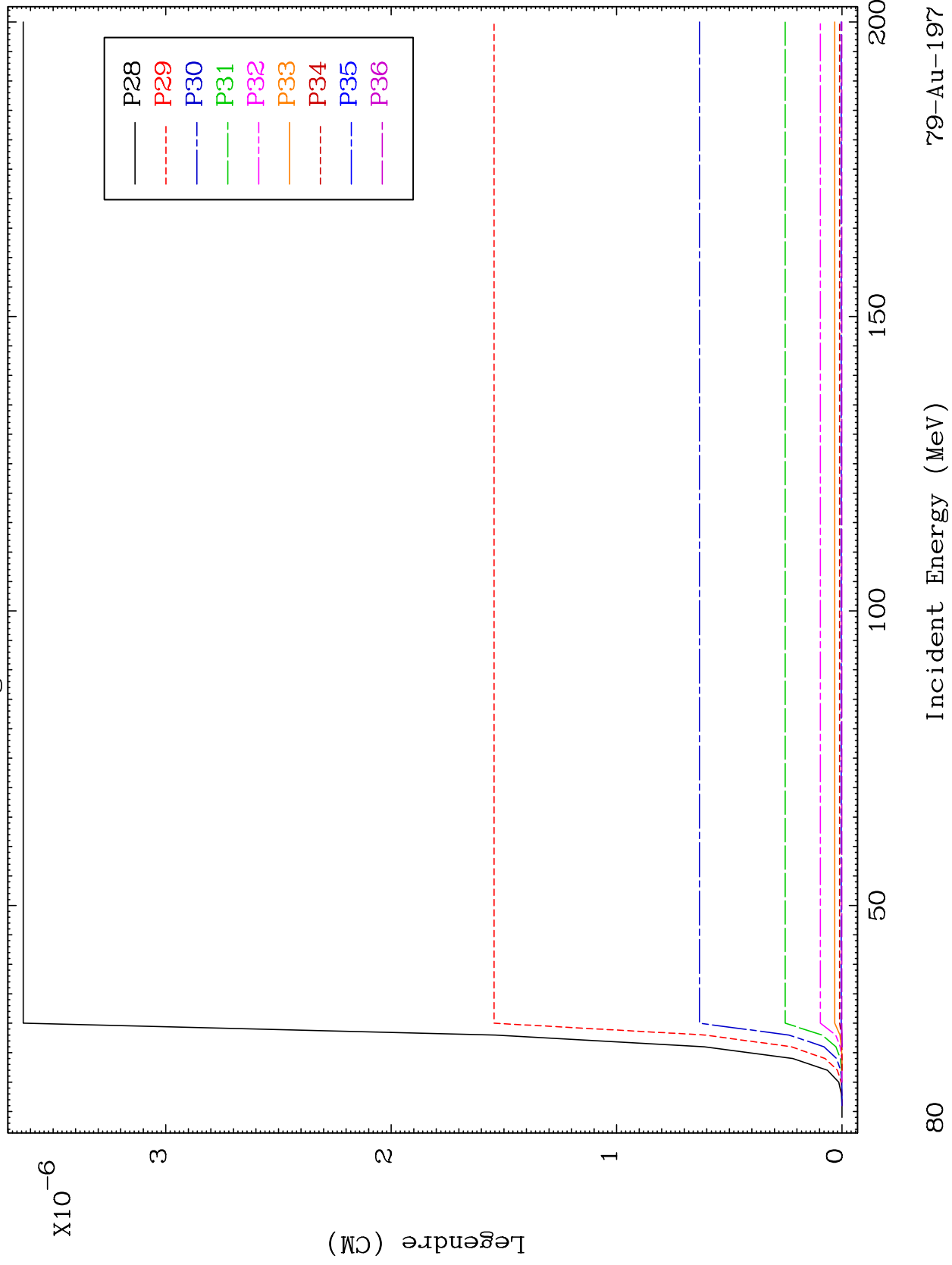
79-Au-197



MAT 7925

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

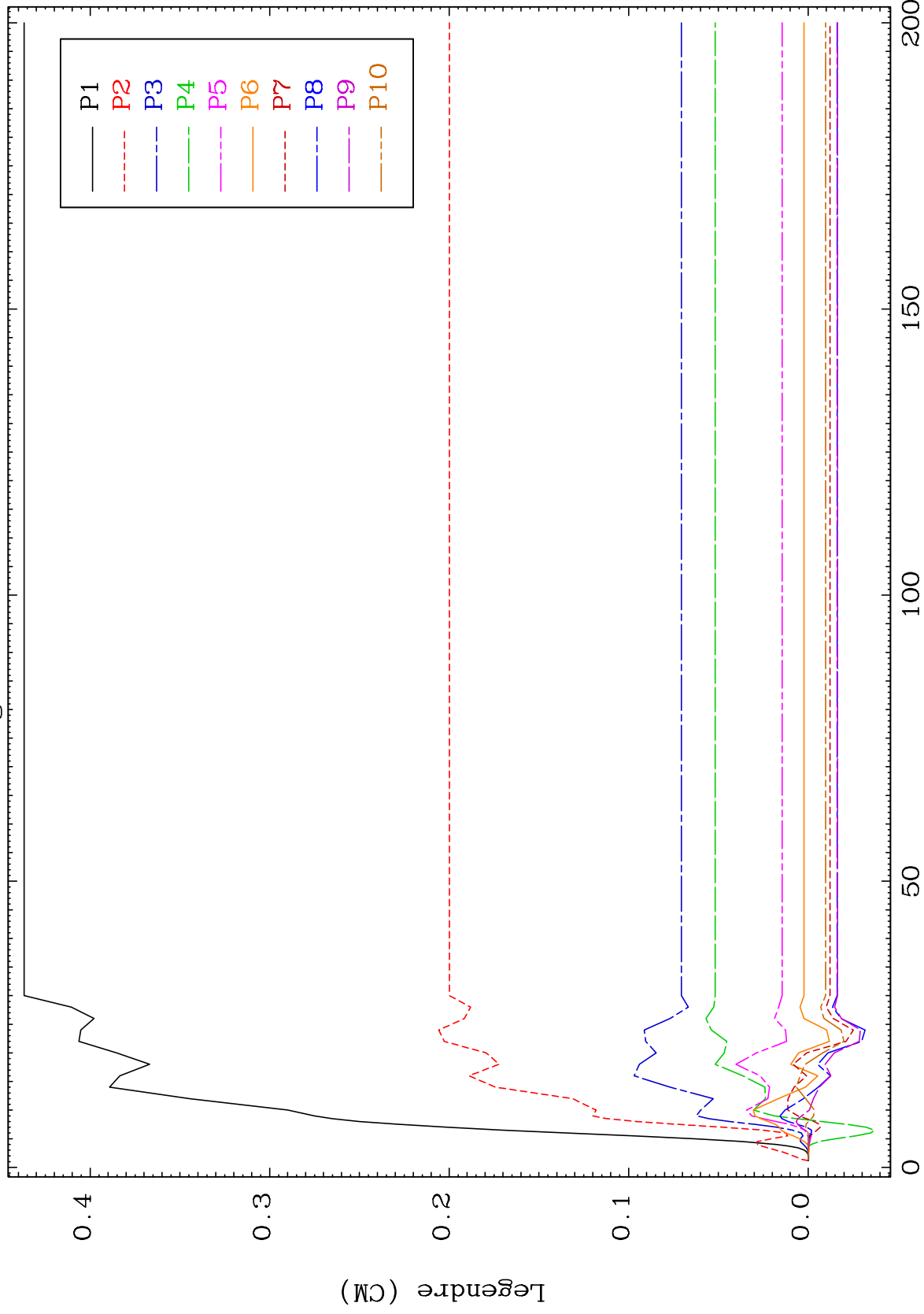
79-Au-197



MAT 7925

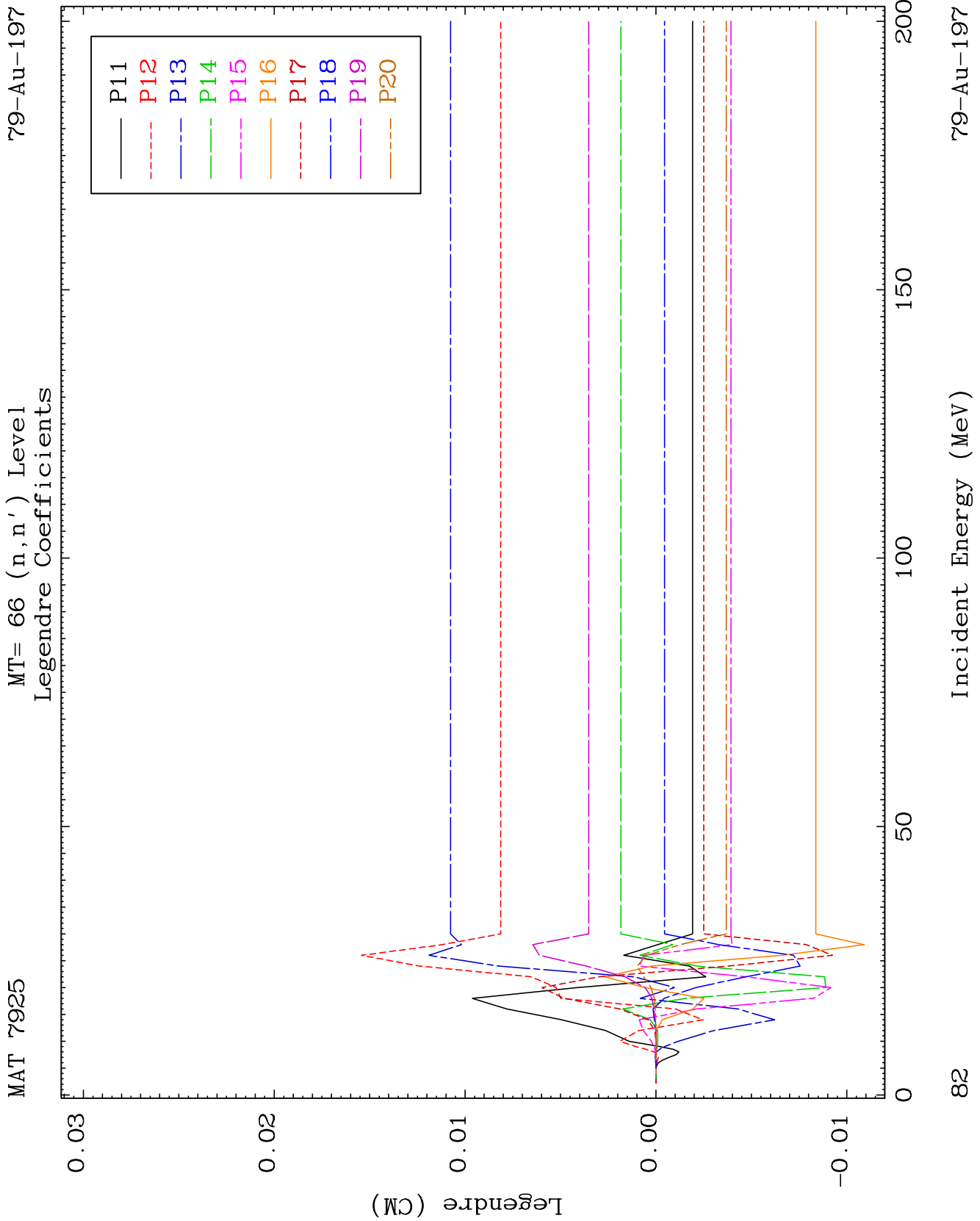
MT= 66 (n,n') Level  
Legendre Coefficients

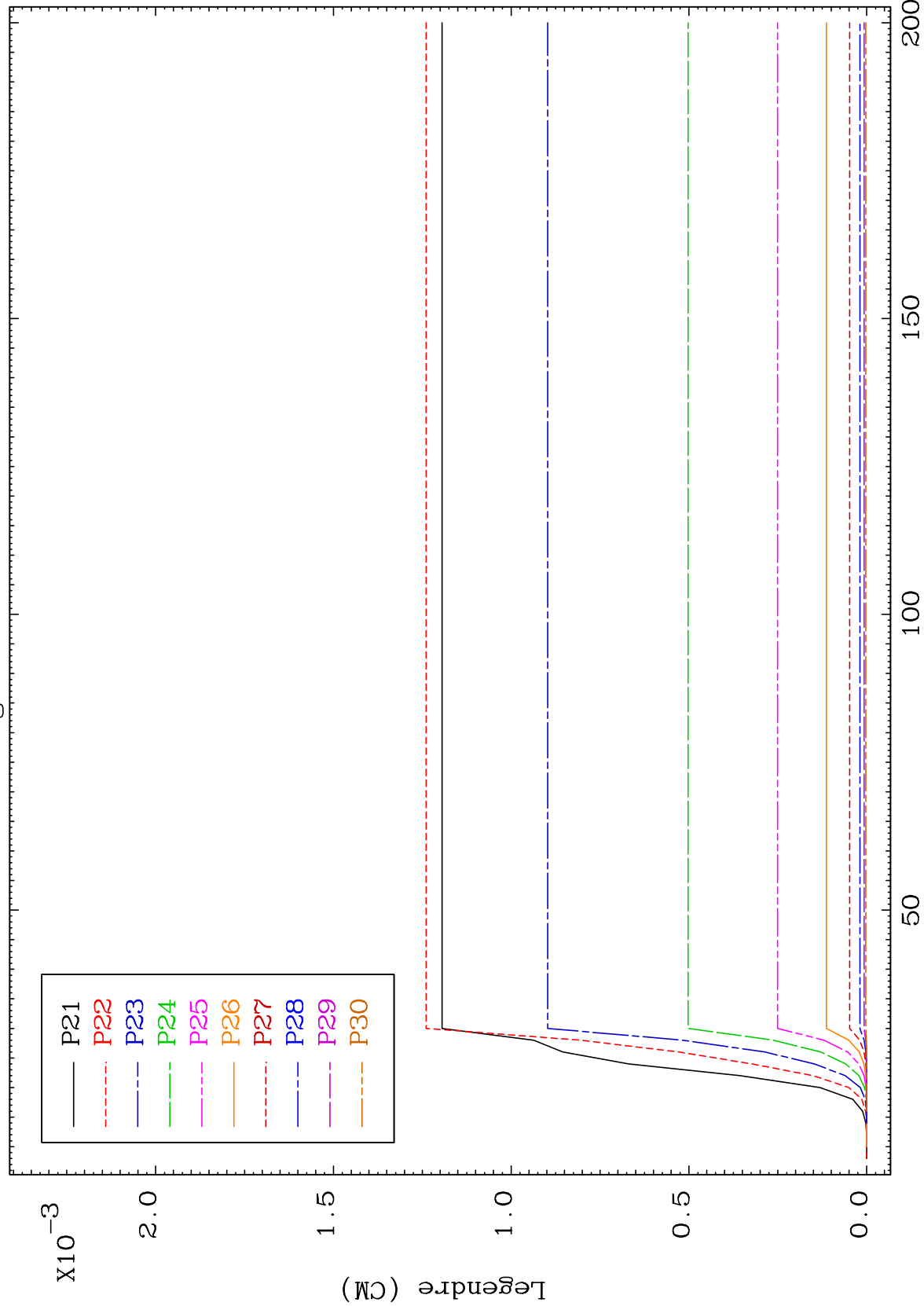
79-Au-197



81

79-Au-197

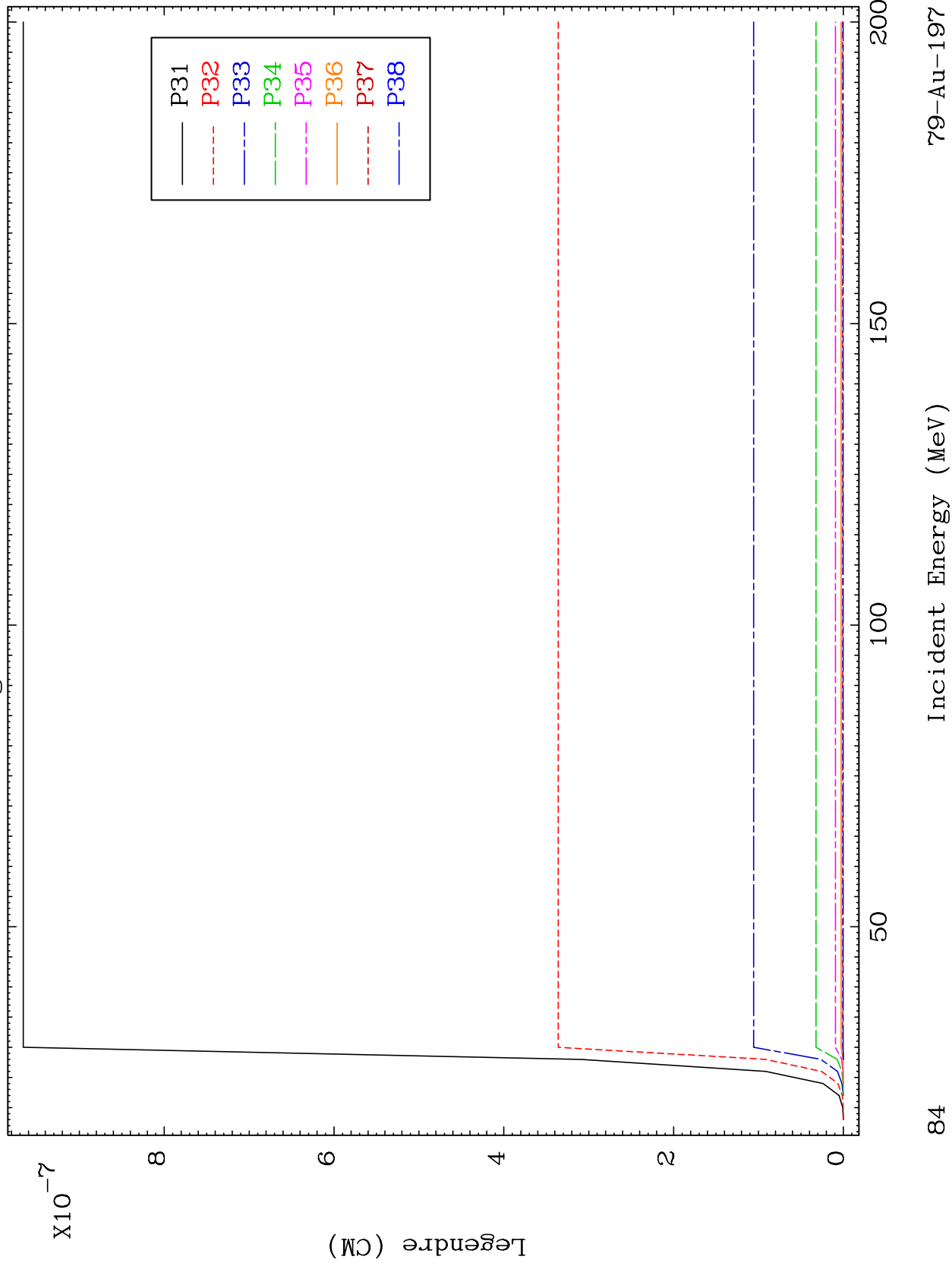




MAT 7925

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

79-Au-197



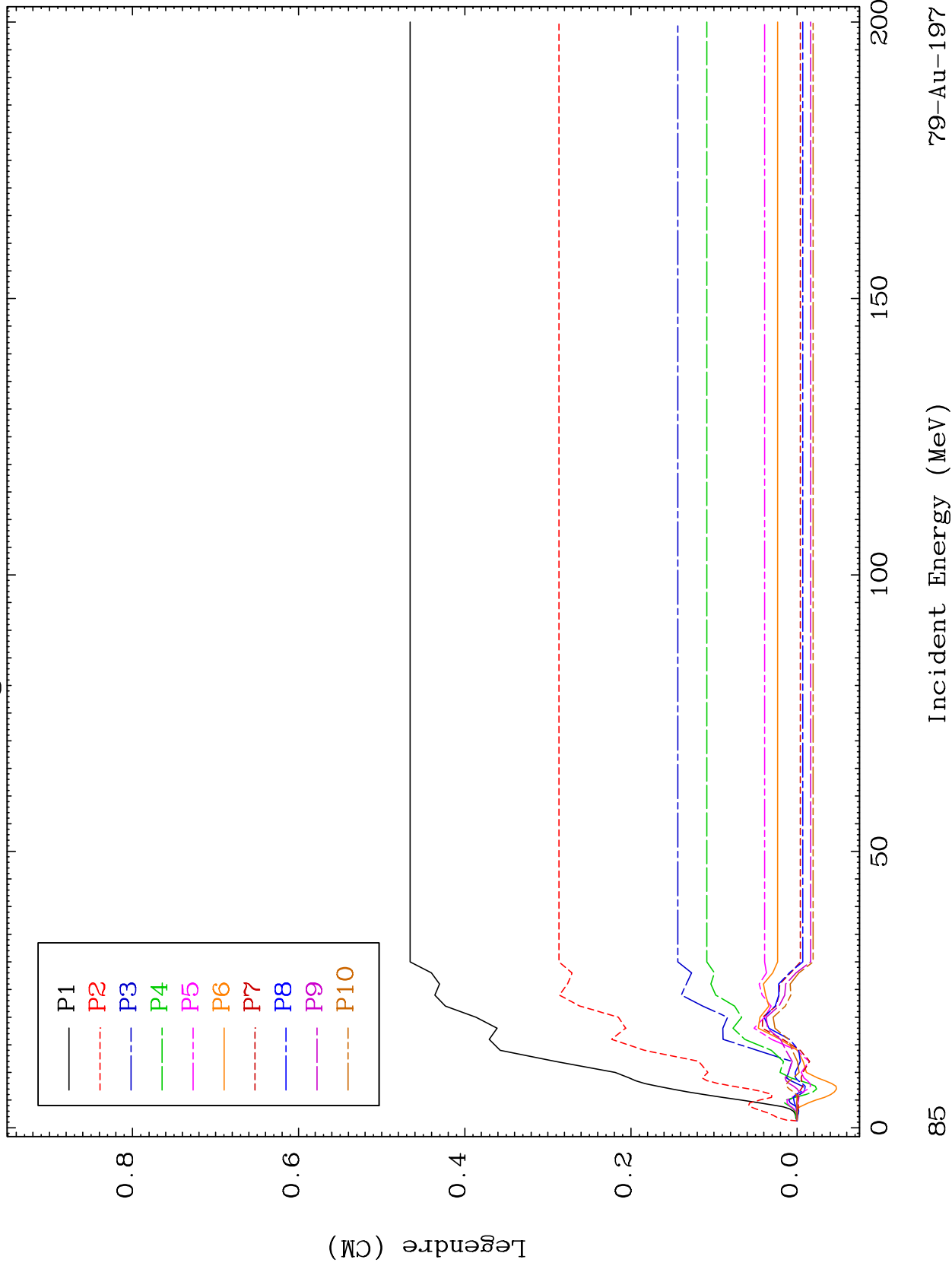
84

79-Au-197

MAT 7925

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

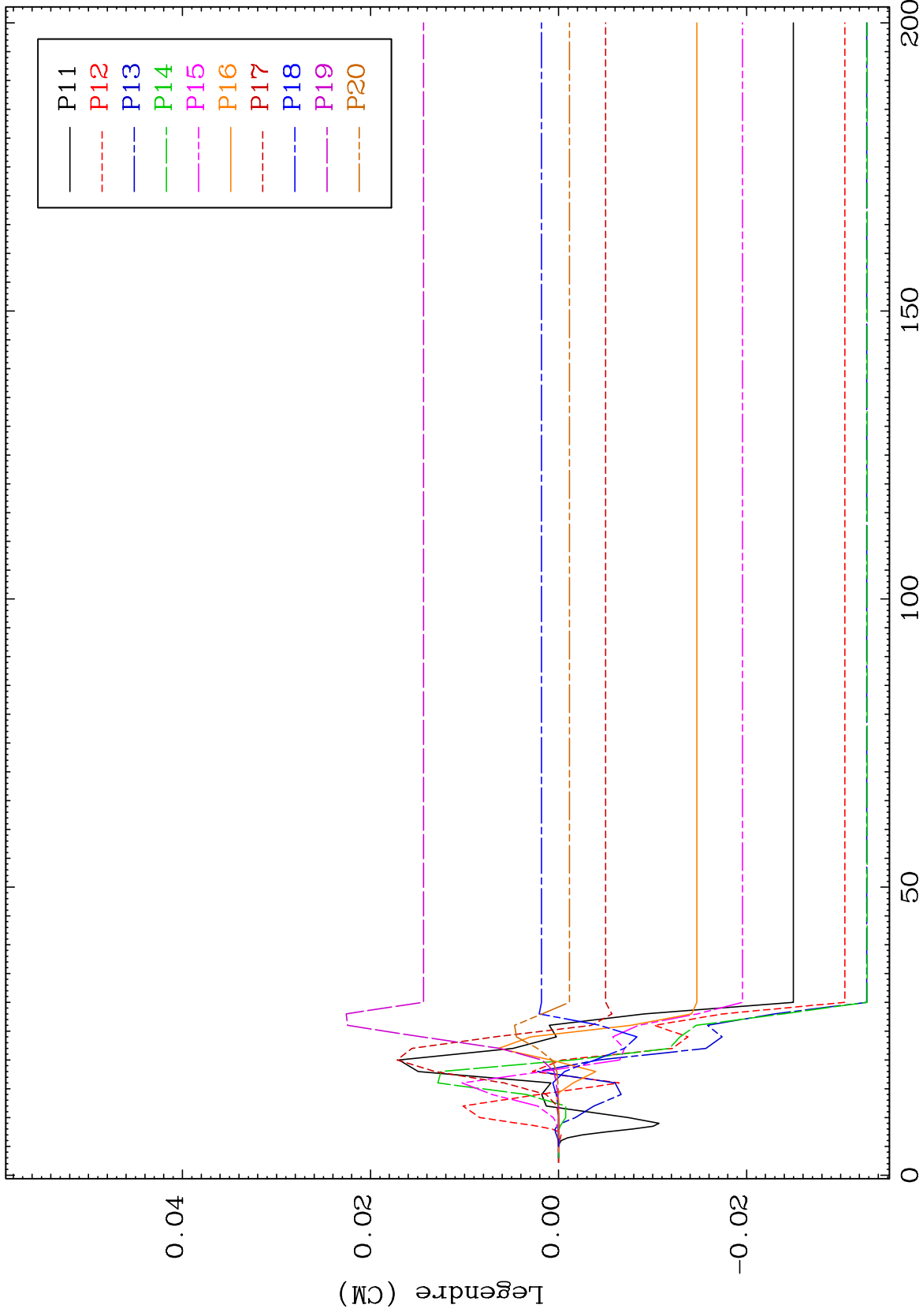
79-Au-197



MAT 7925

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

79-Au-197



86

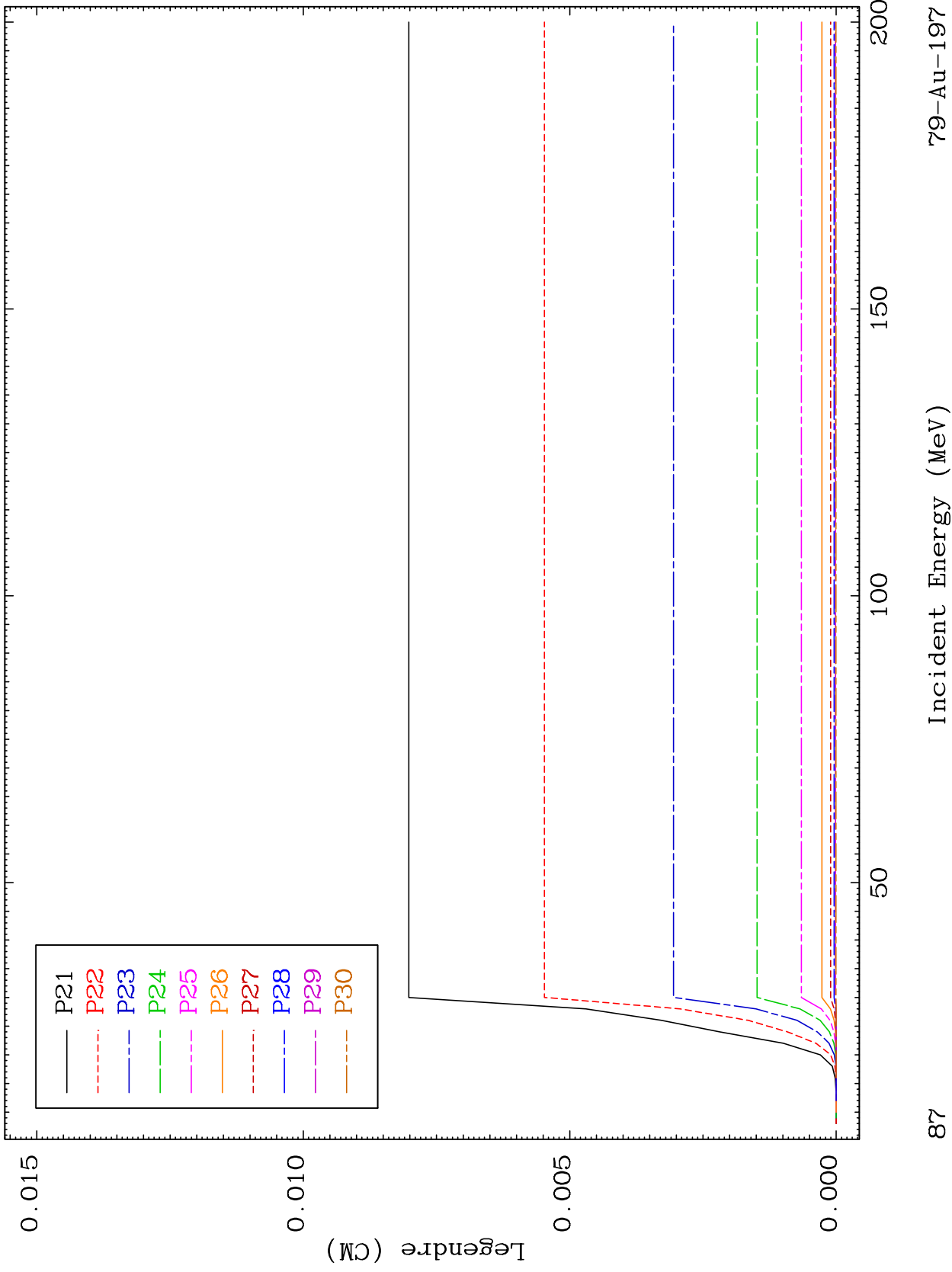
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



87

Incident Energy (MeV)

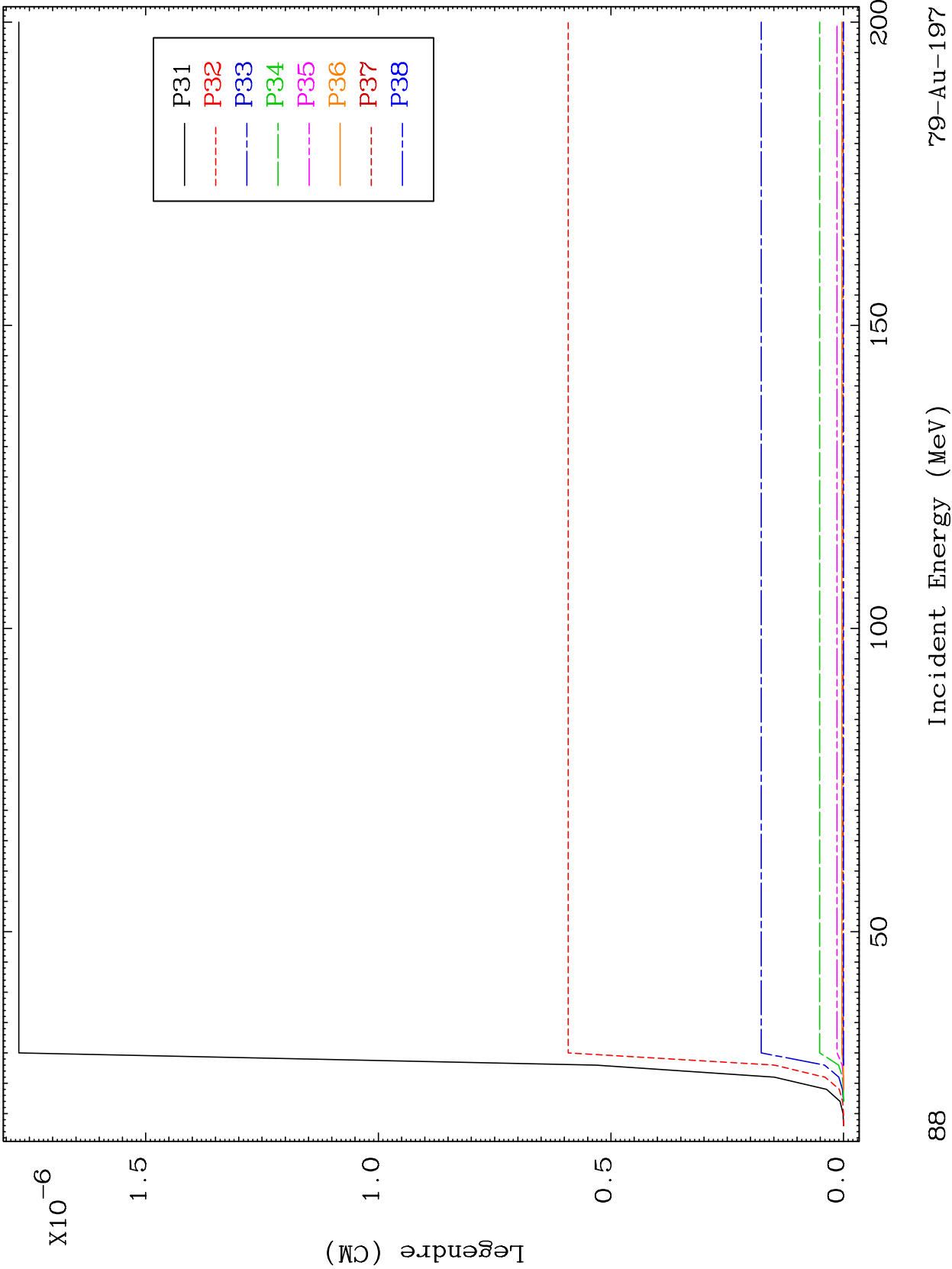
79-Au-197



MAT 7925

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

79-Au-197



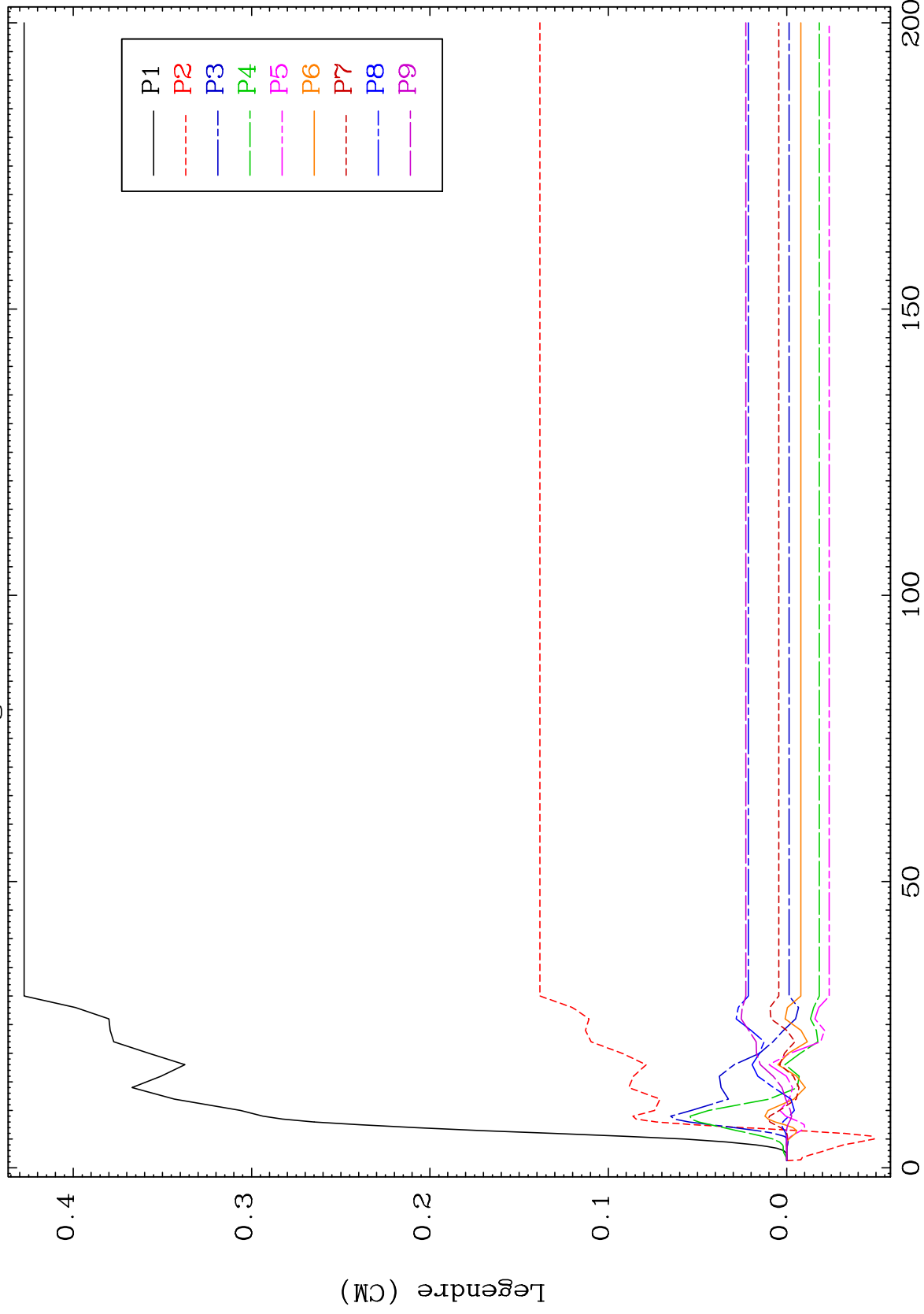
88

79-Au-197

MAT 7925

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

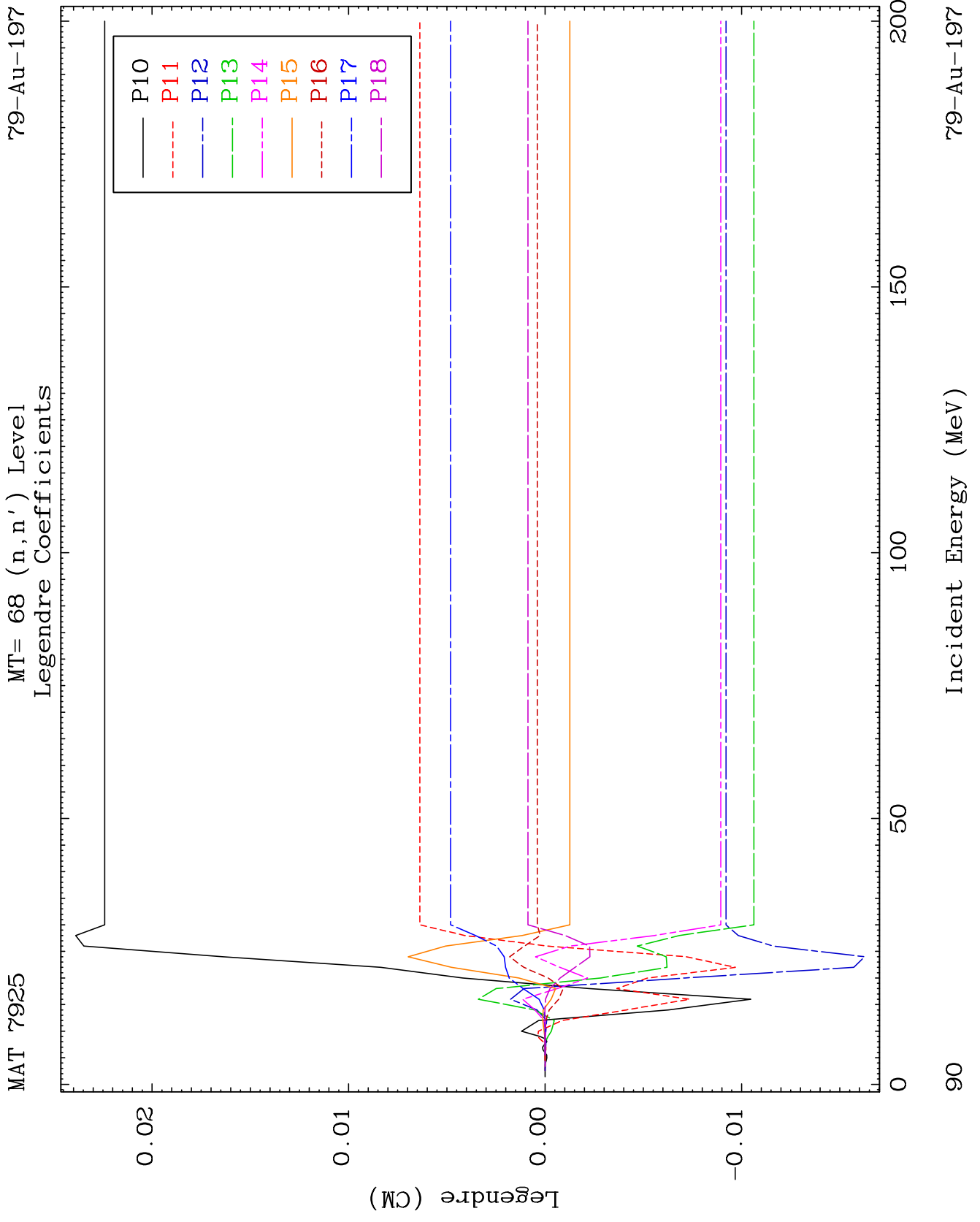
79-Au-197



89

Incident Energy (MeV)

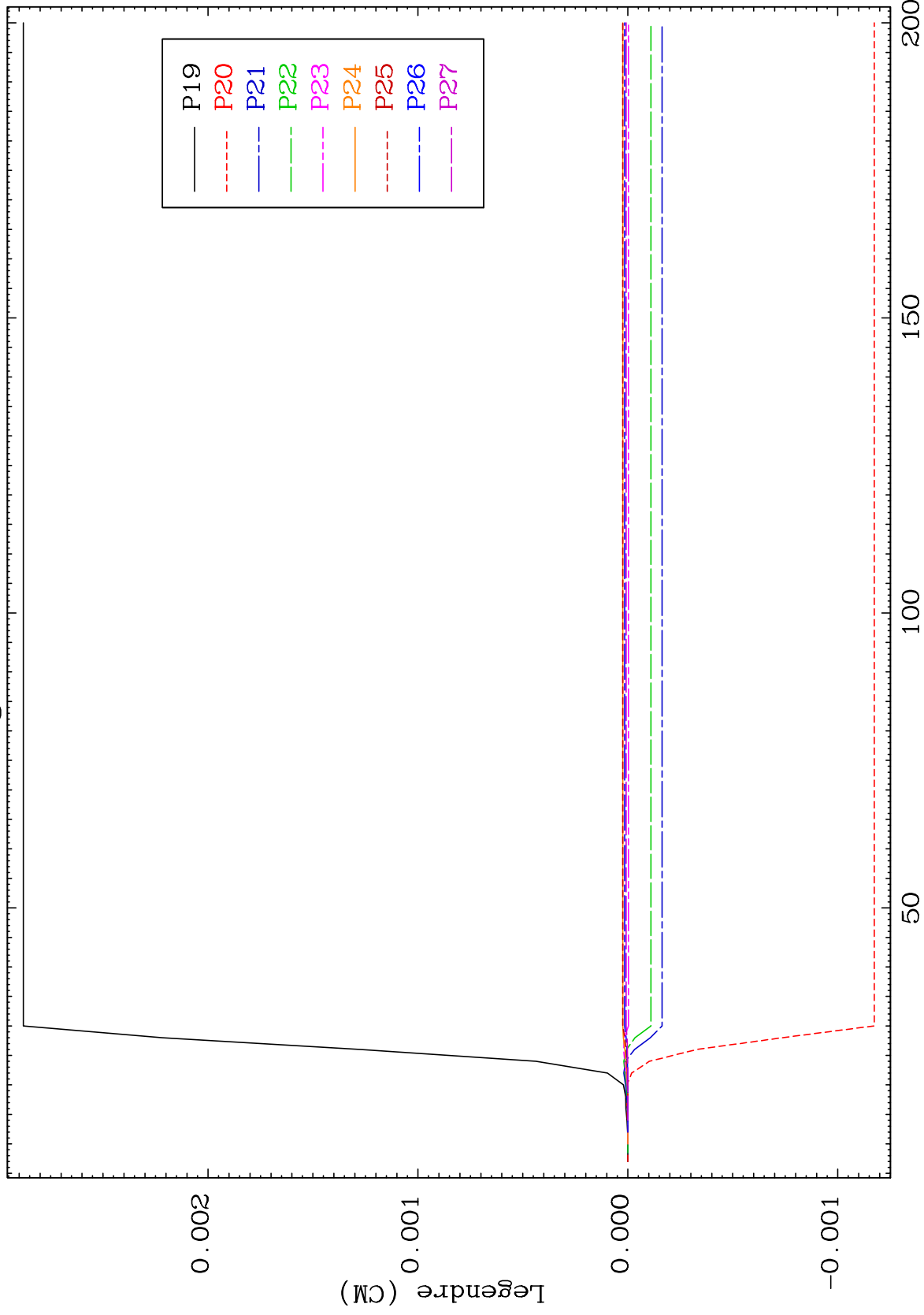
79-Au-197



MAT 7925

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

79-Au-197



91

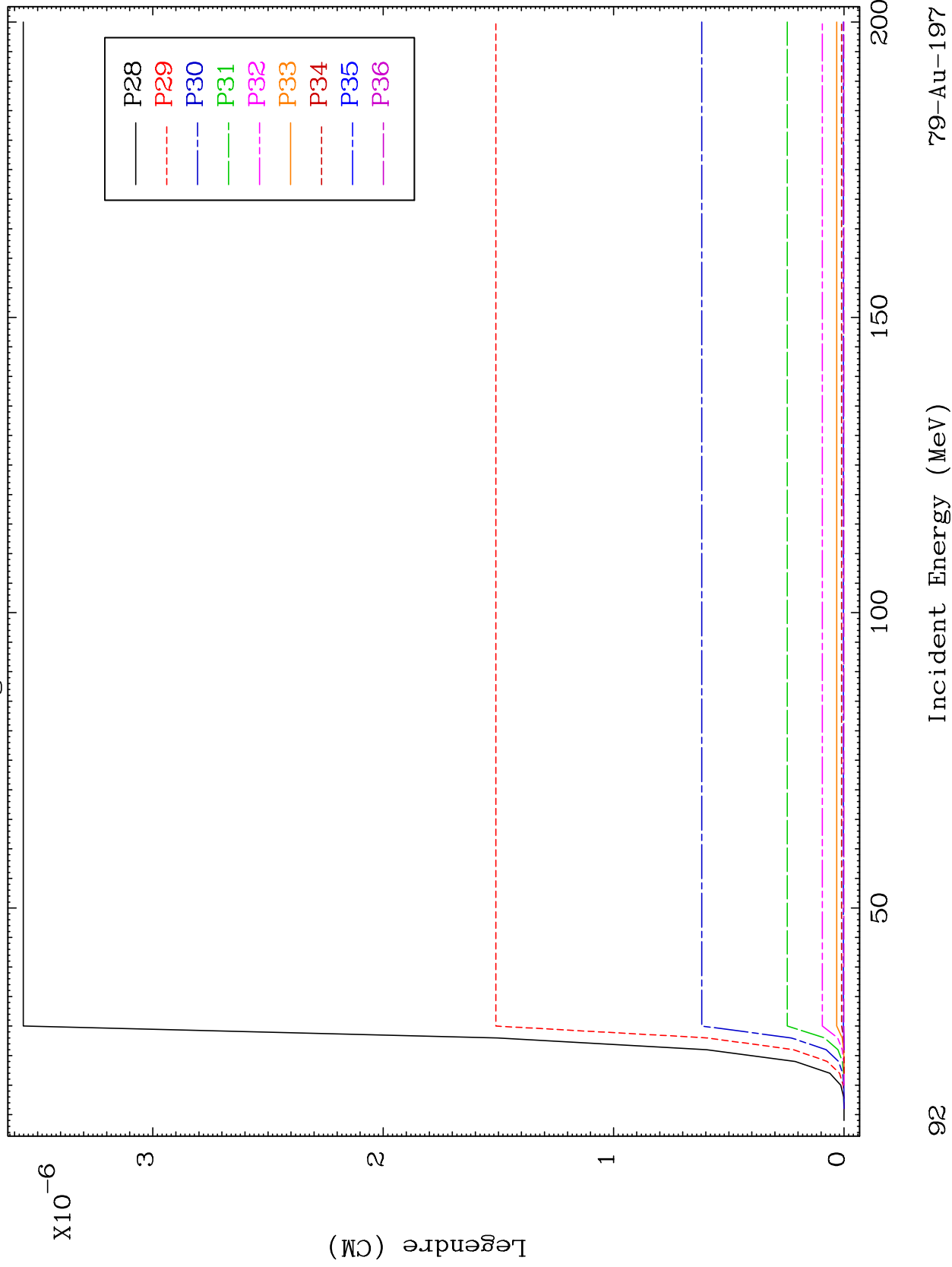
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



92

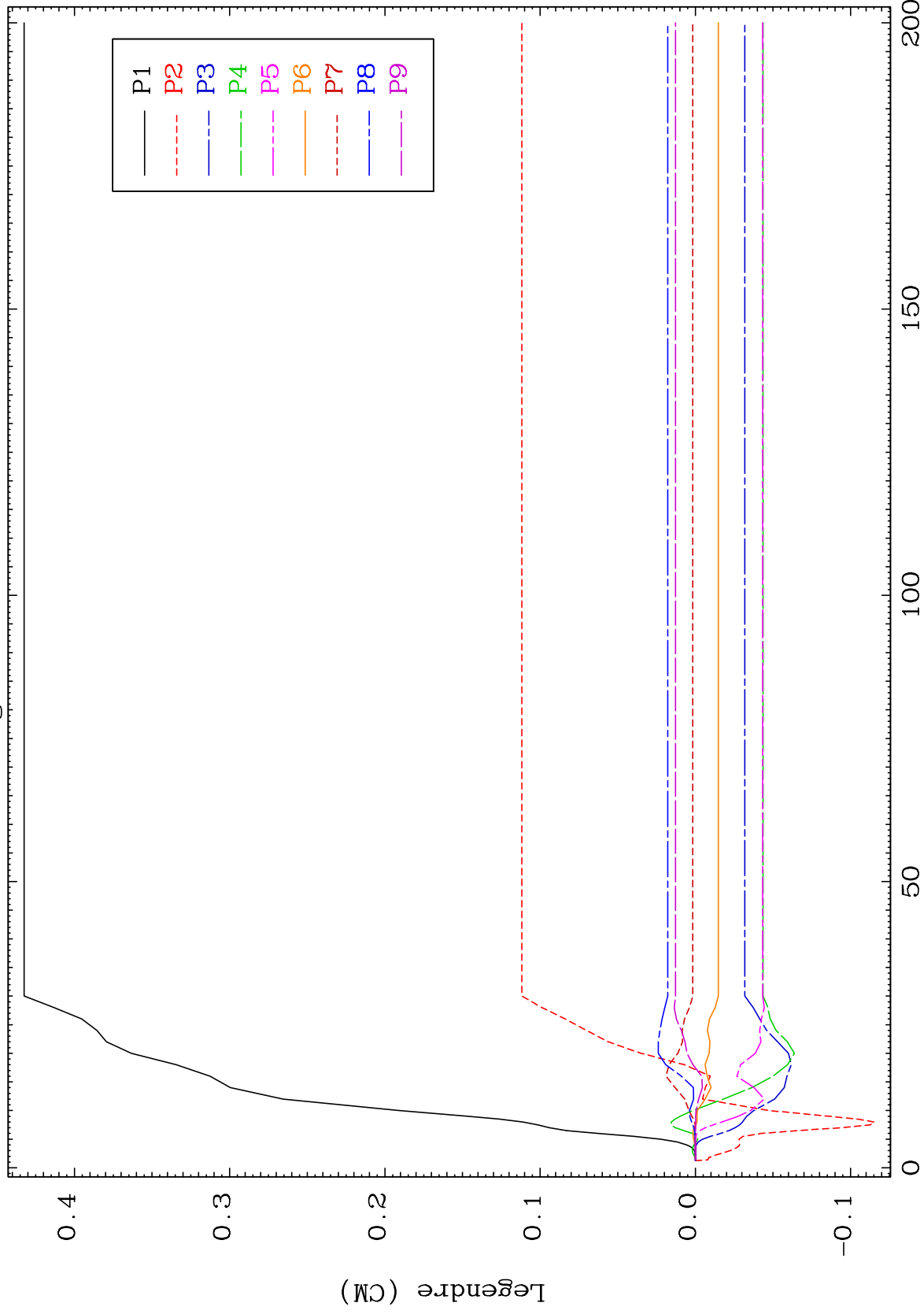
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



93

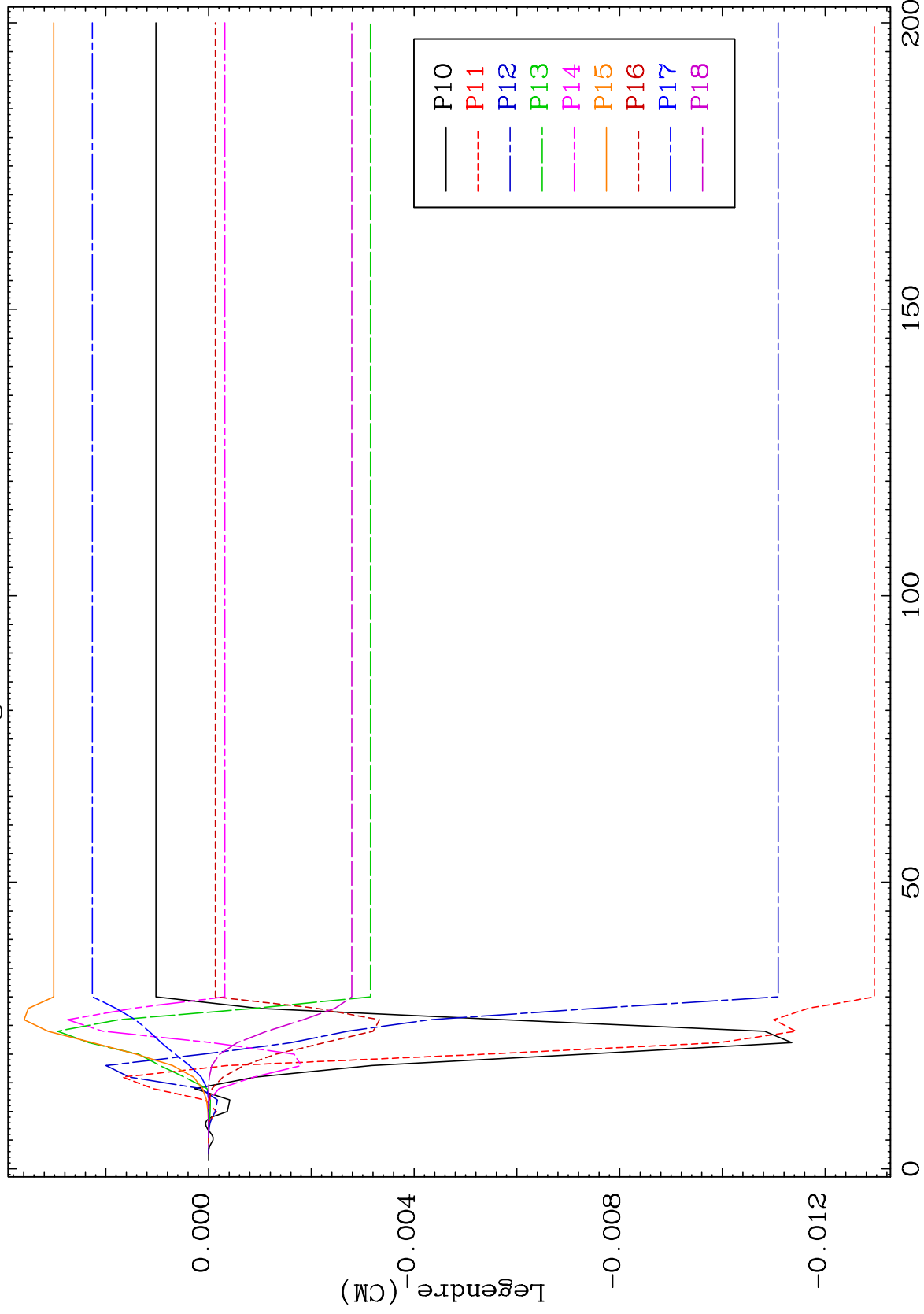
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



94

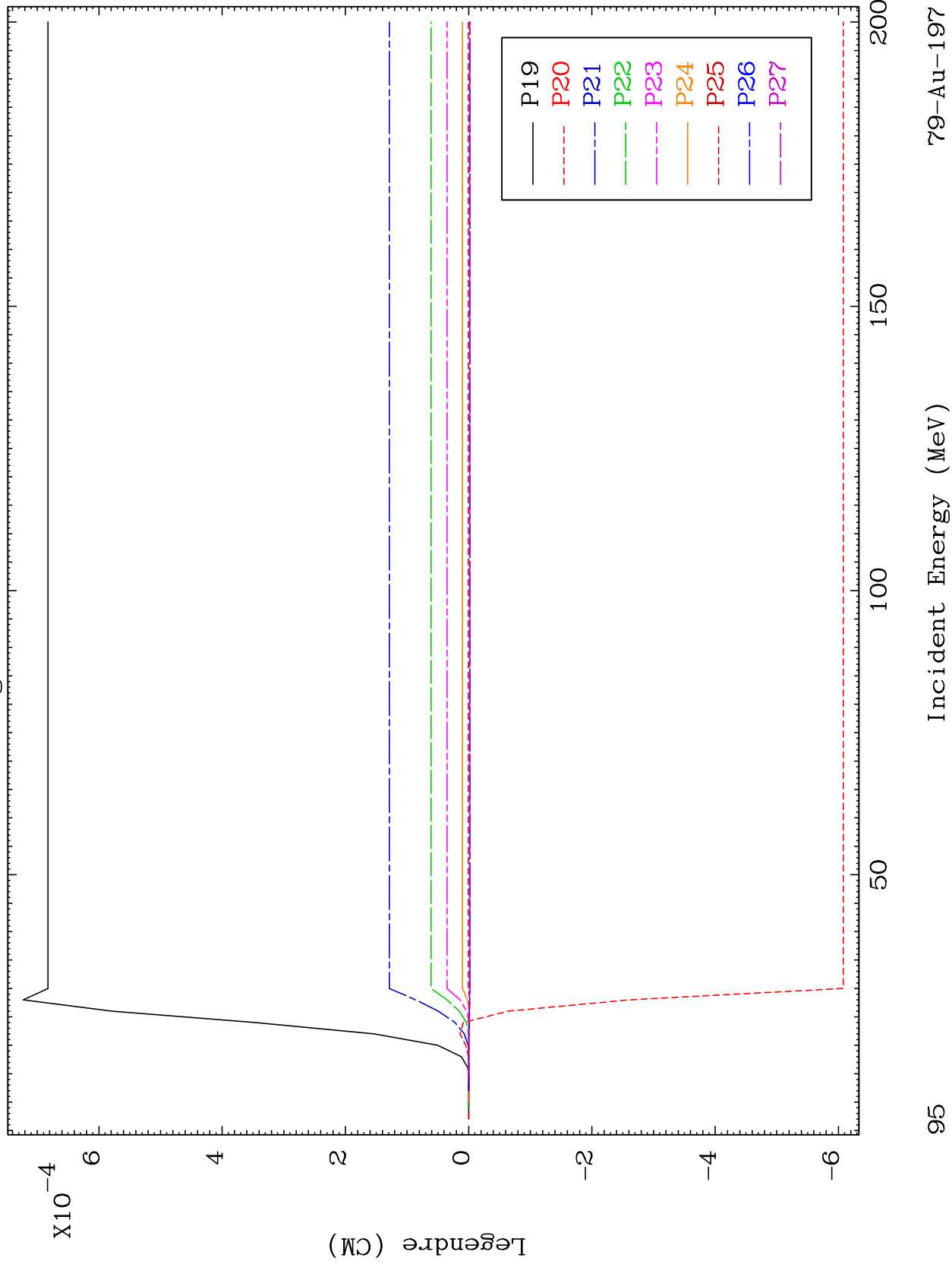
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



95

Incident Energy (MeV)

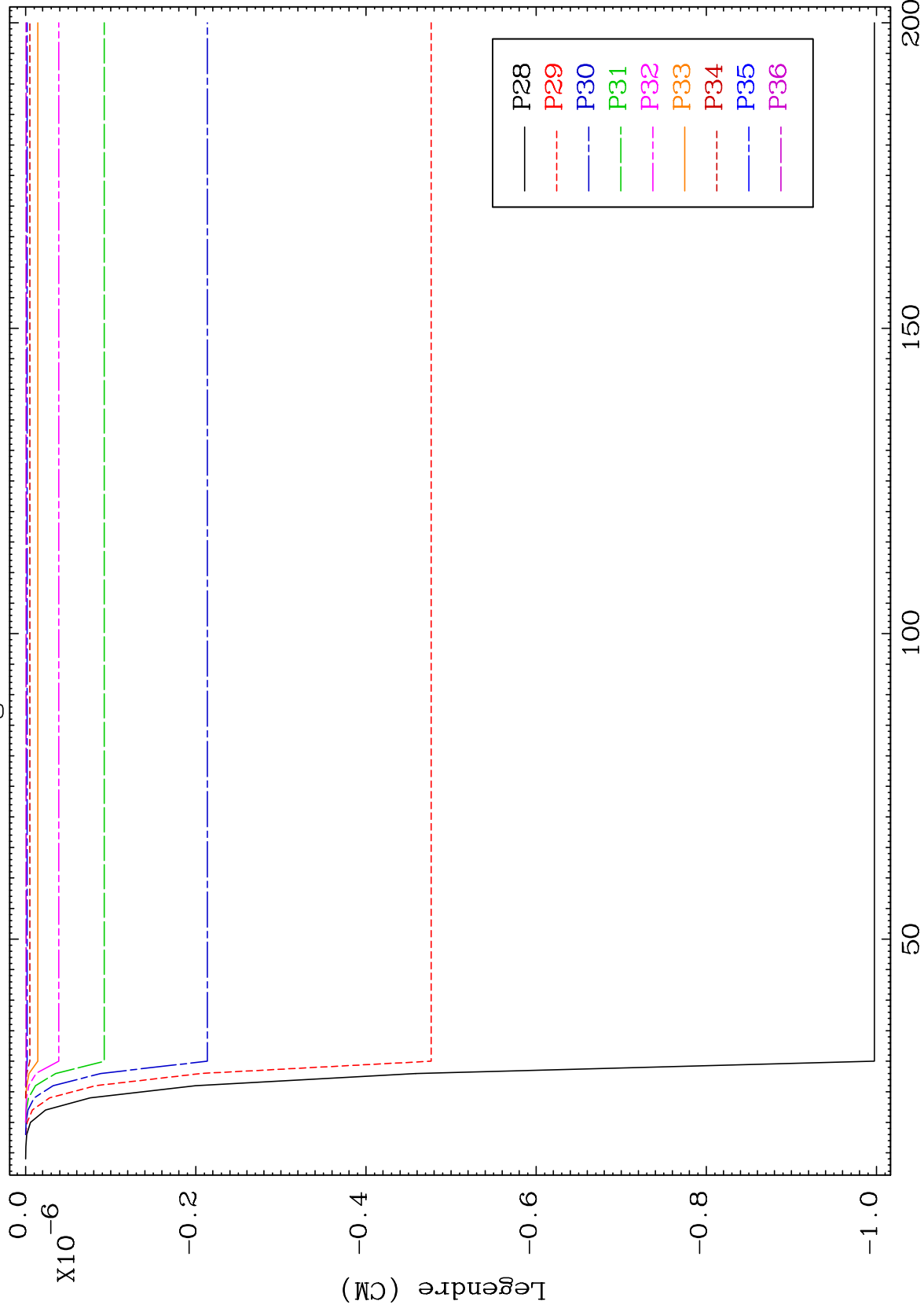
79-Au-197



MAT 7925

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

79-Au-197



96

Incident Energy (MeV)

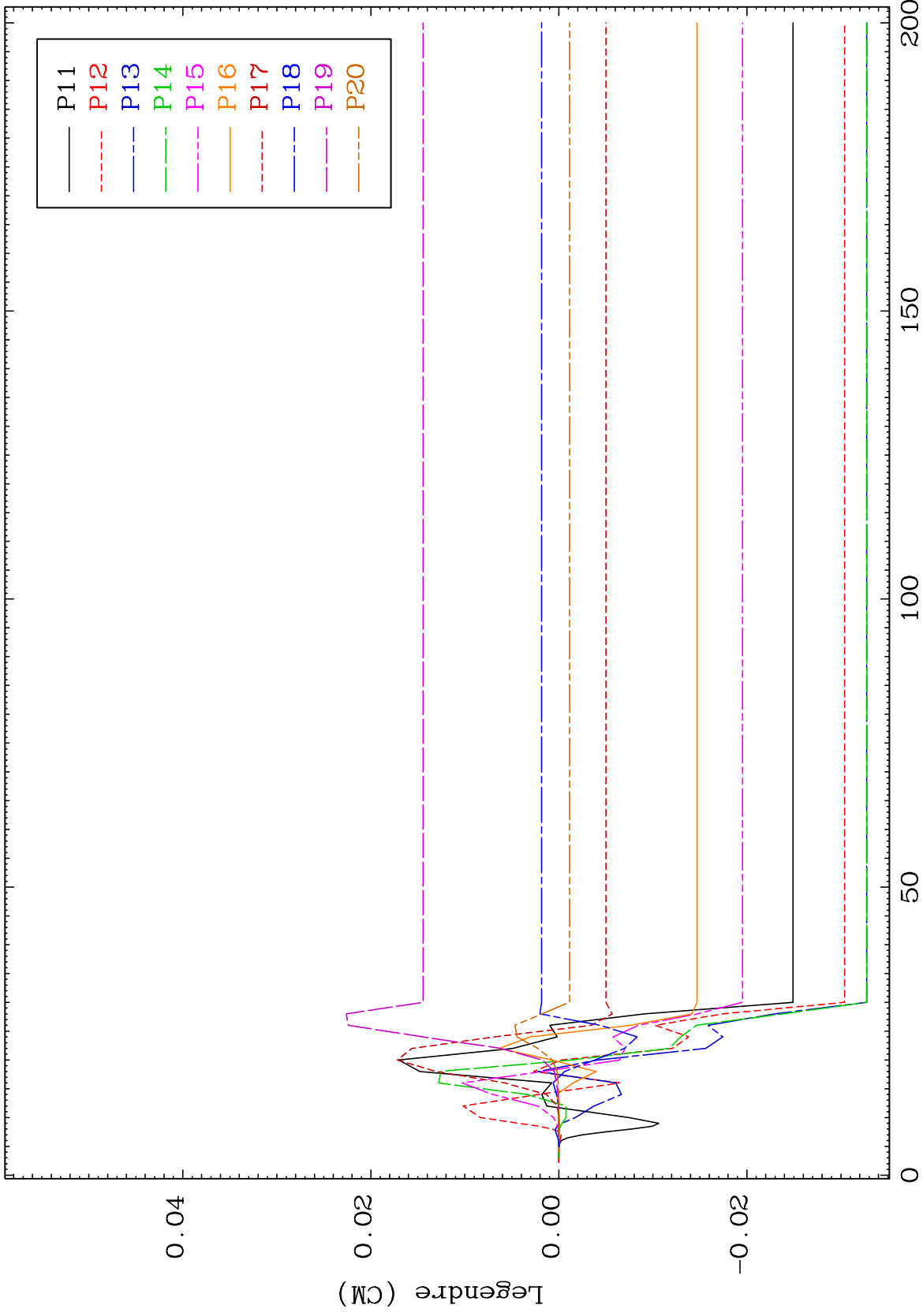
79-Au-197



MAT 7925

MT= 70 (n,n') Level  
Legendre Coefficients

79-Au-197



98

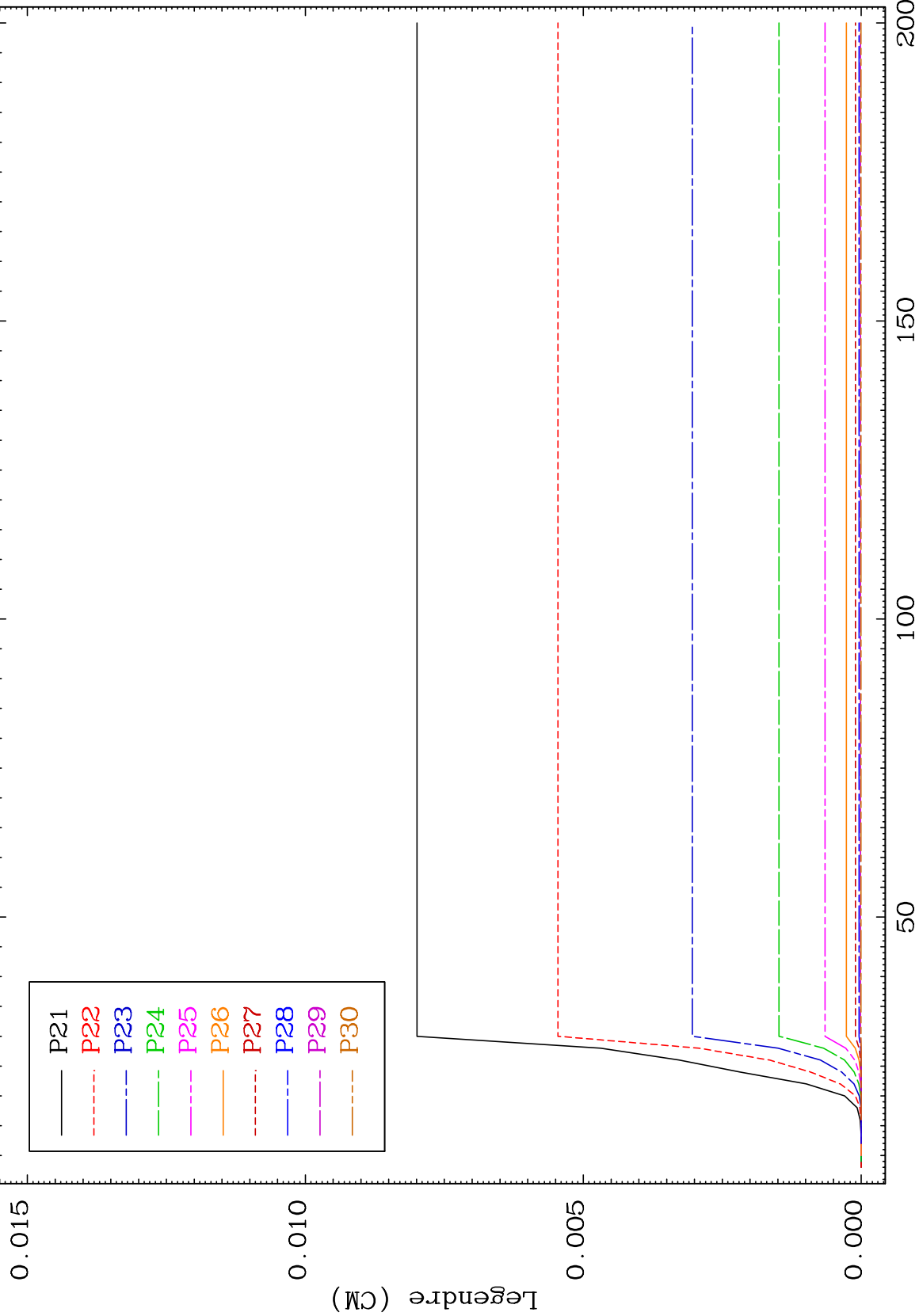
Incident Energy (MeV)

79-Au-197

MAT 7925

MT= 70 (n,n') Level  
Legendre Coefficients

79-Au-197



99

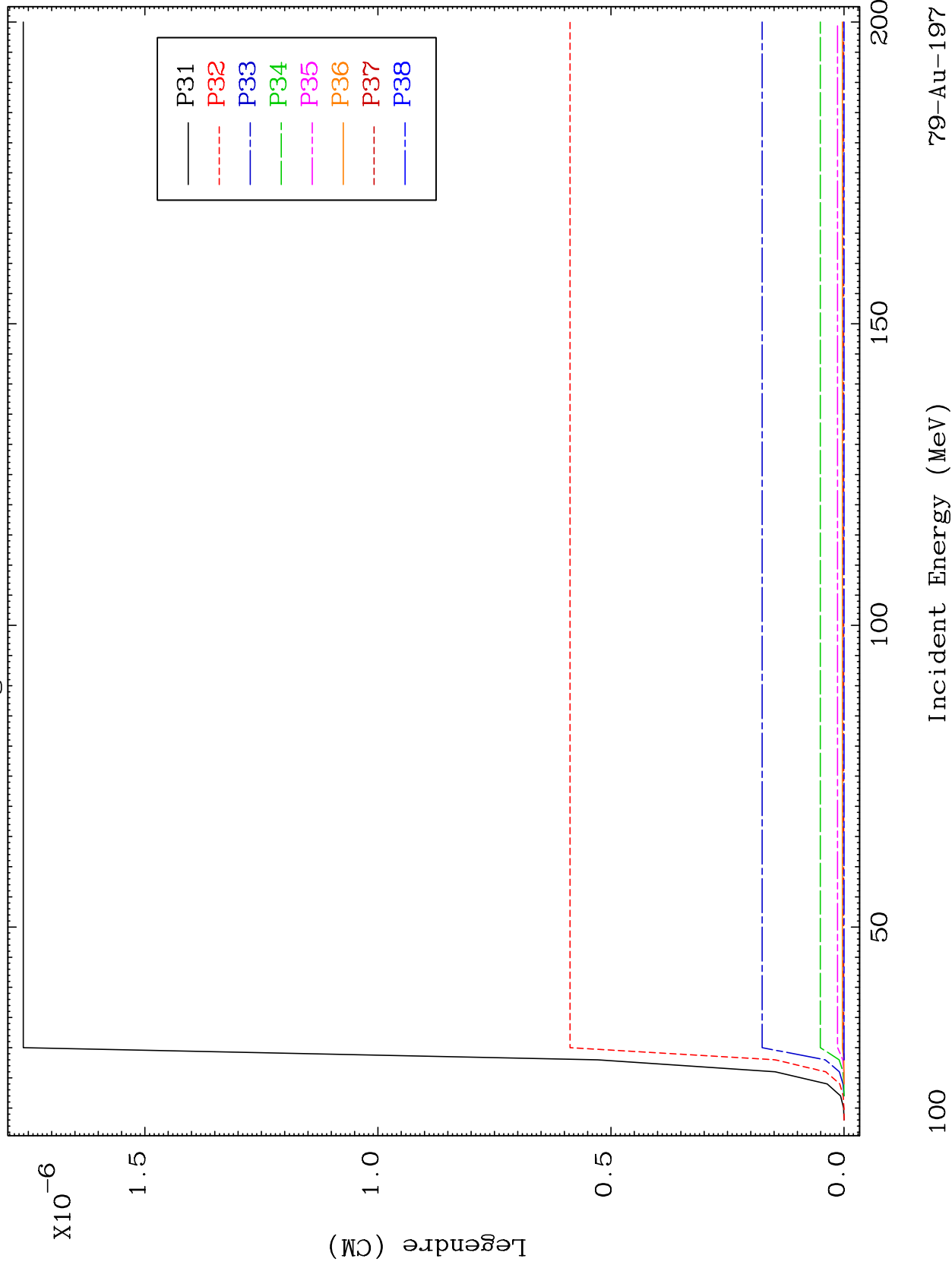
Incident Energy (MeV)

79-Au-197

MAT 7925

MT= 70 (n,n') Level  
Legendre Coefficients

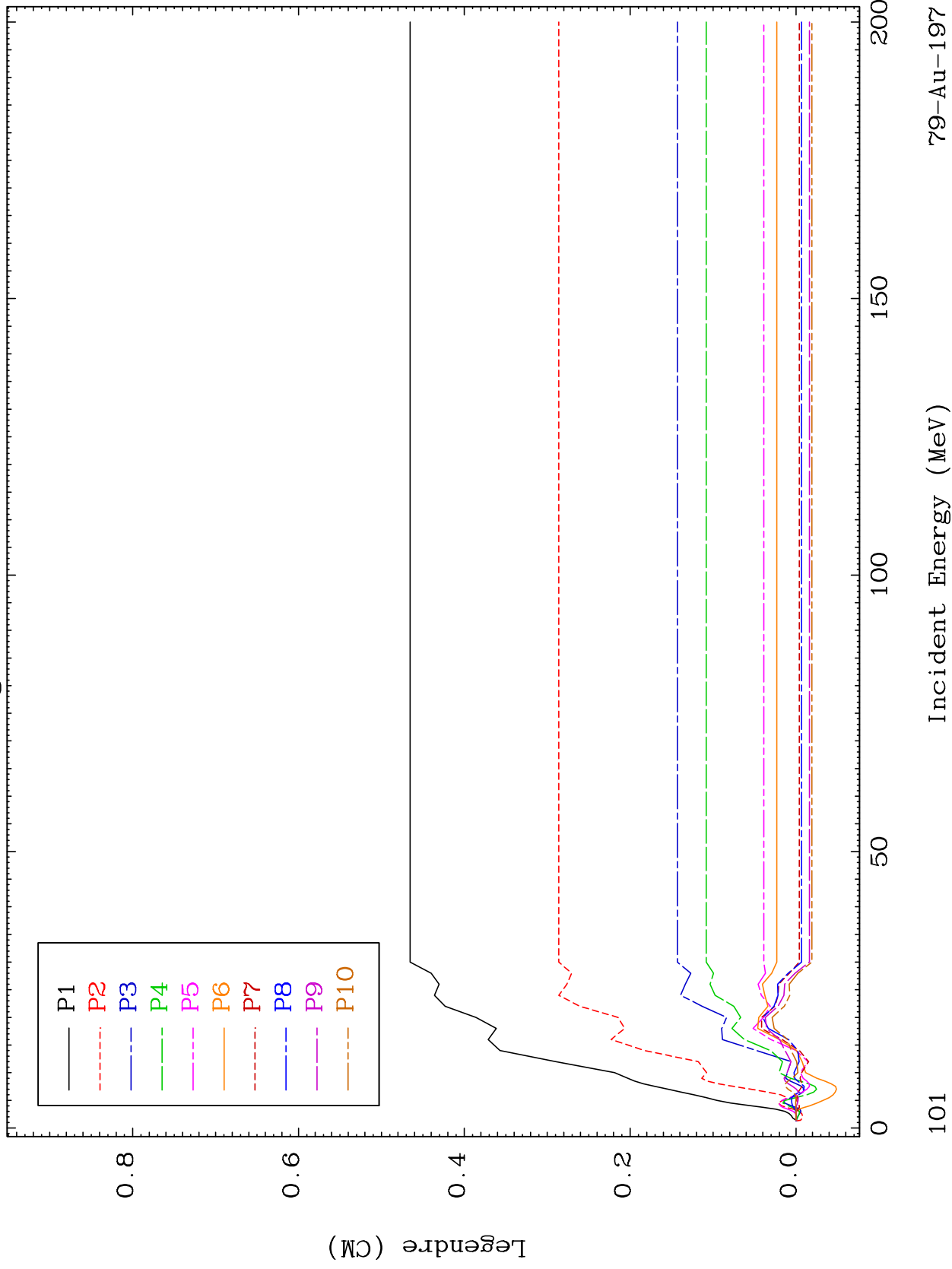
79-Au-197



MAT 7925

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

79-Au-197



79-Au-197

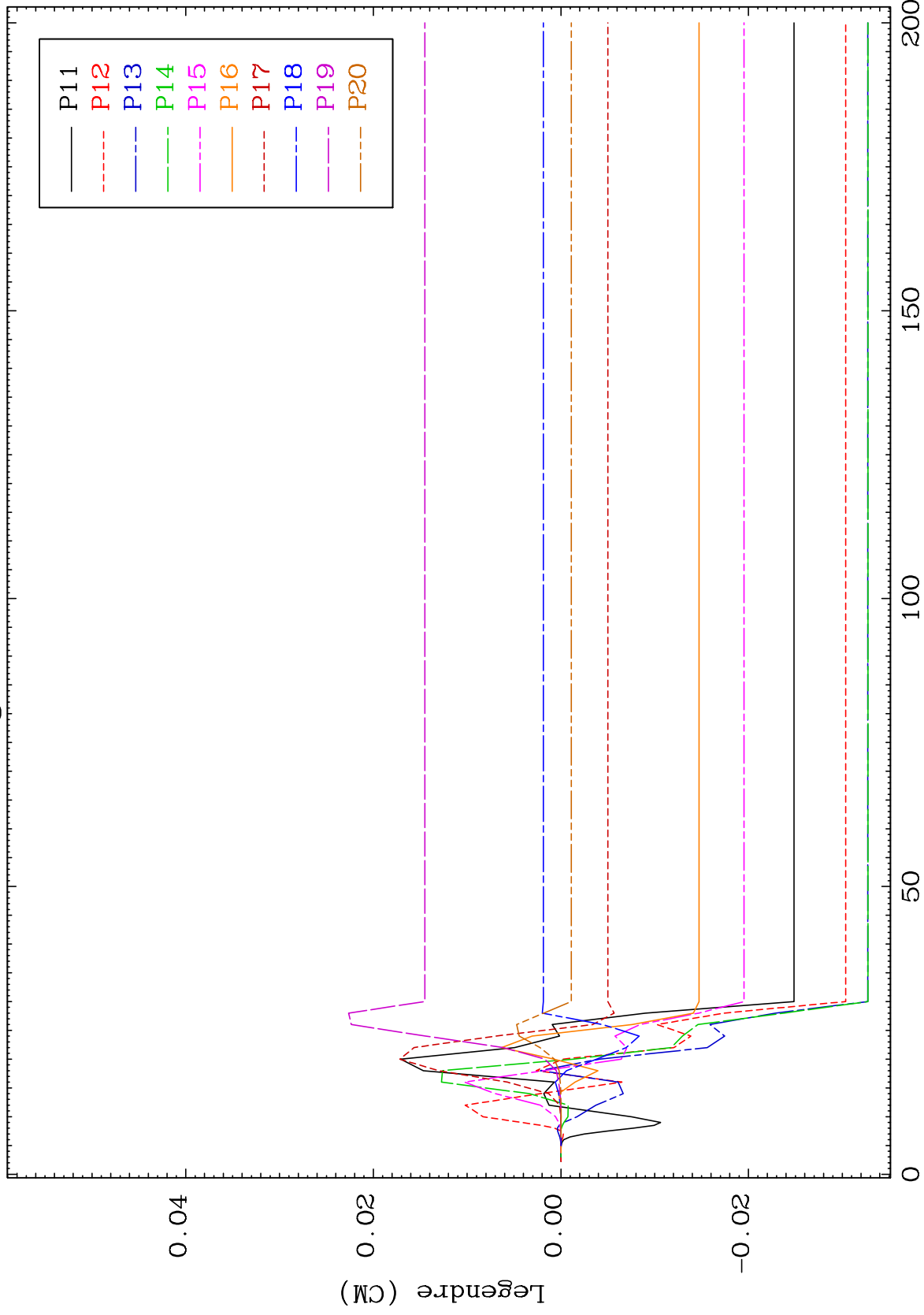
Incident Energy (MeV)

101

MAT 7925

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

79-Au-197



102

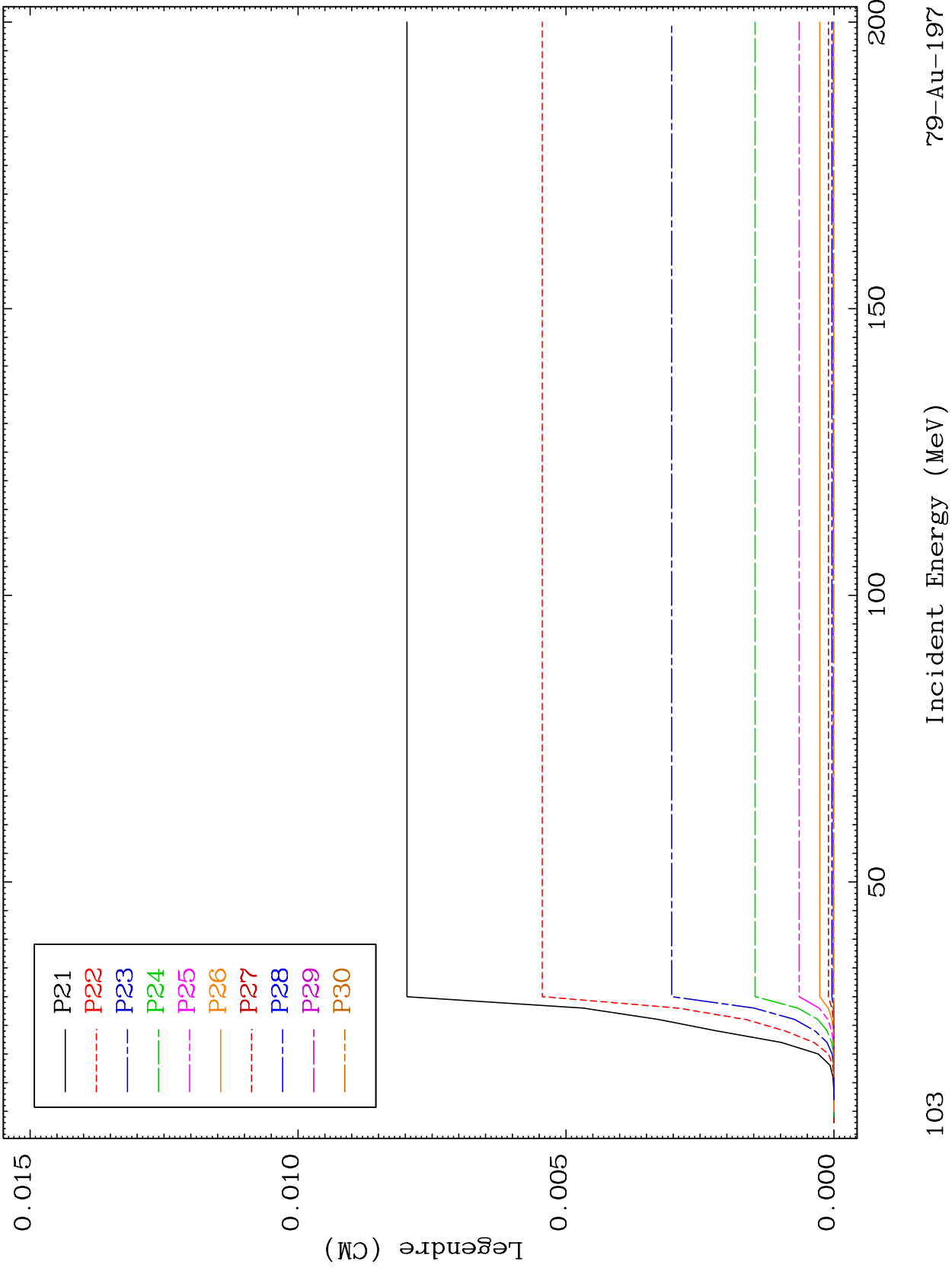
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



103

Incident Energy (MeV)

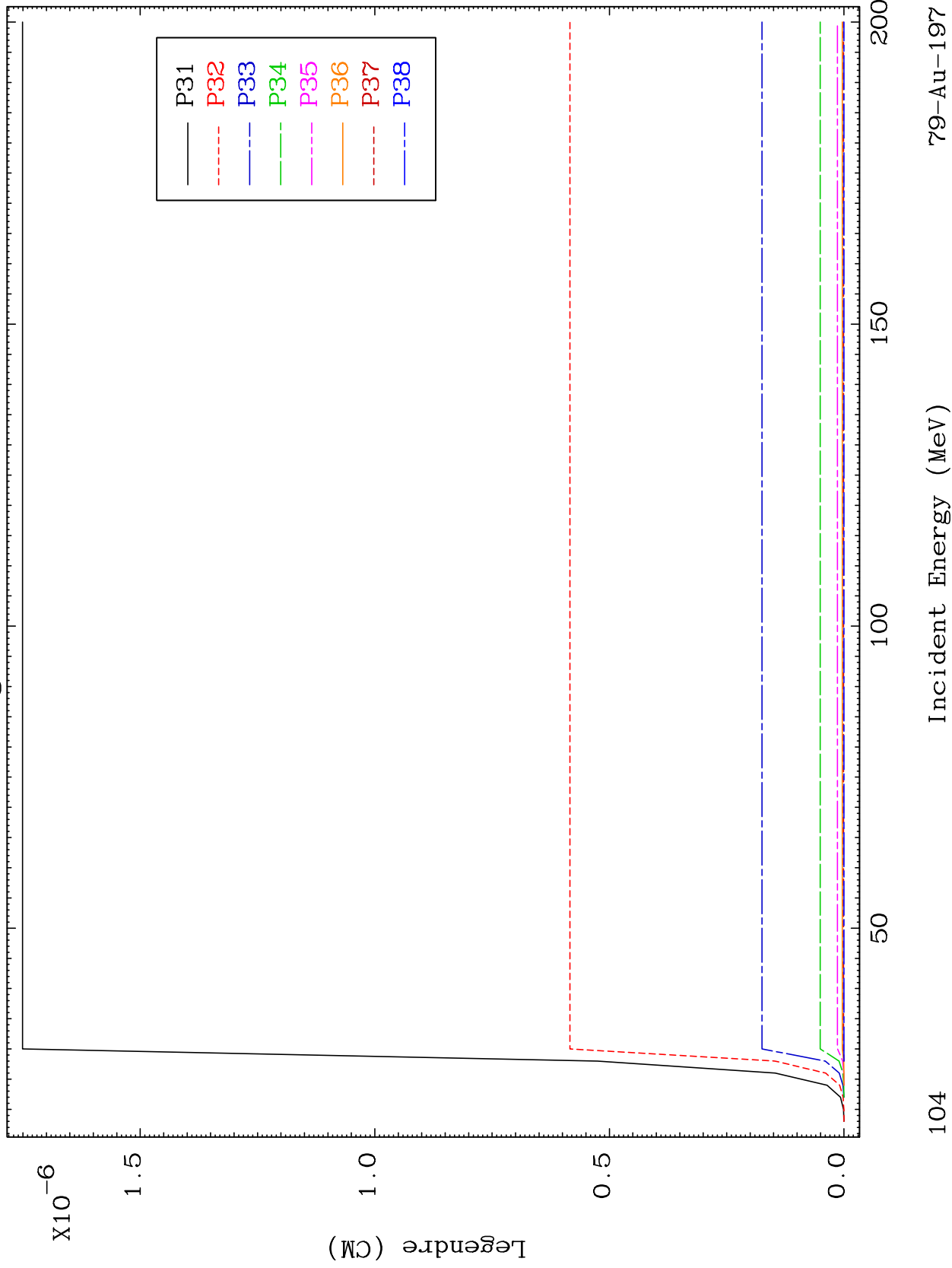
79-Au-197



MAT 7925

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

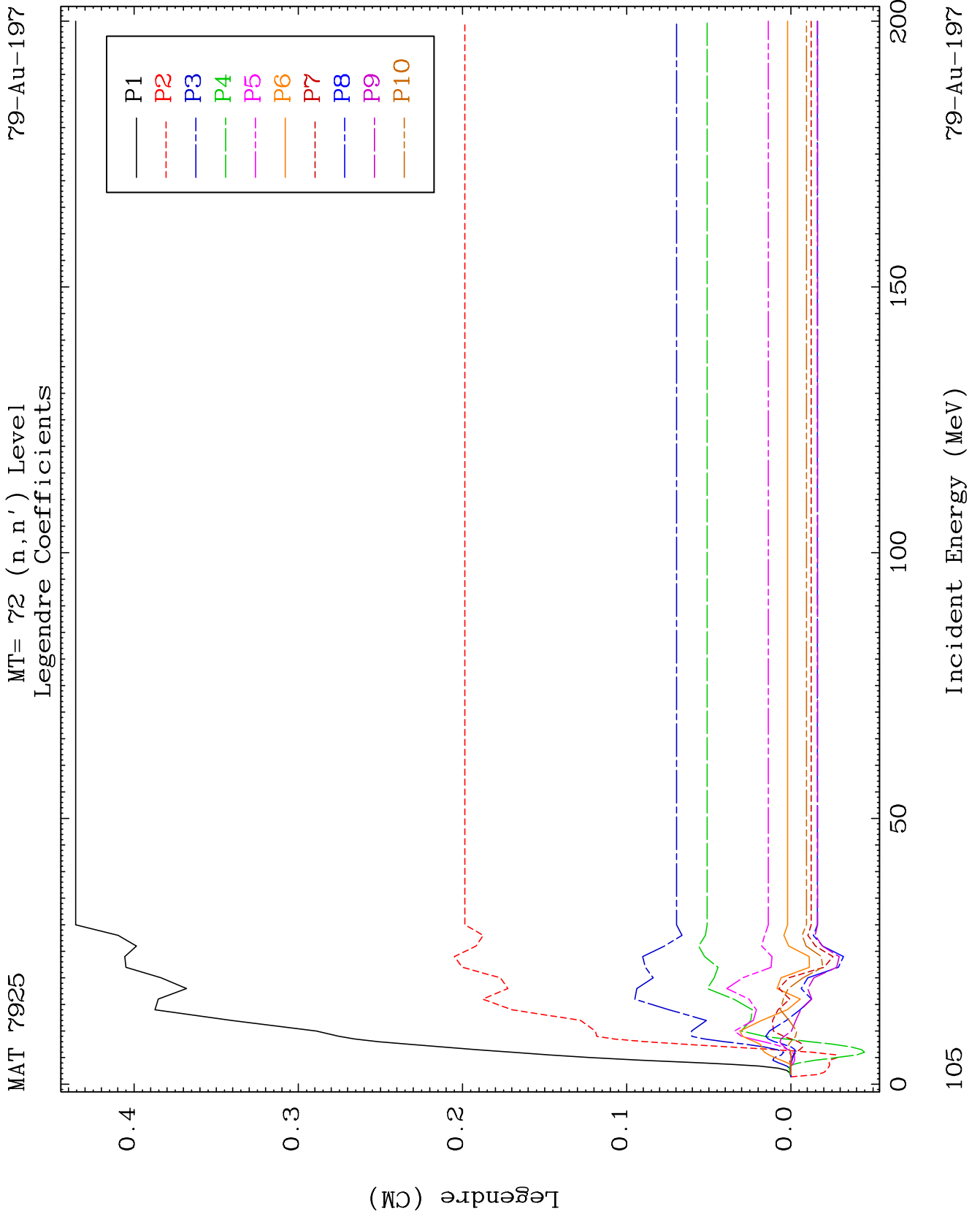
79-Au-197

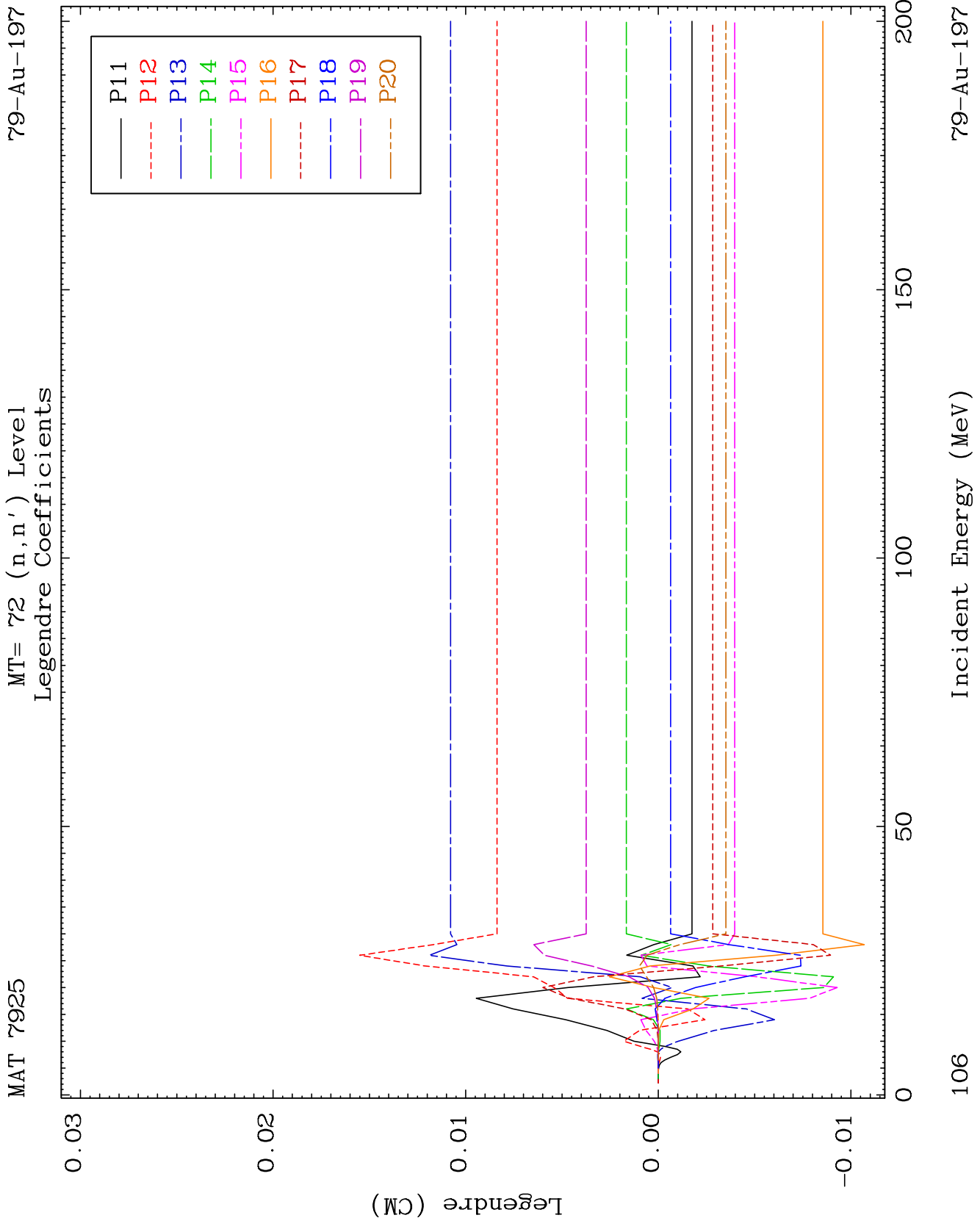


104

Incident Energy (MeV)

79-Au-197

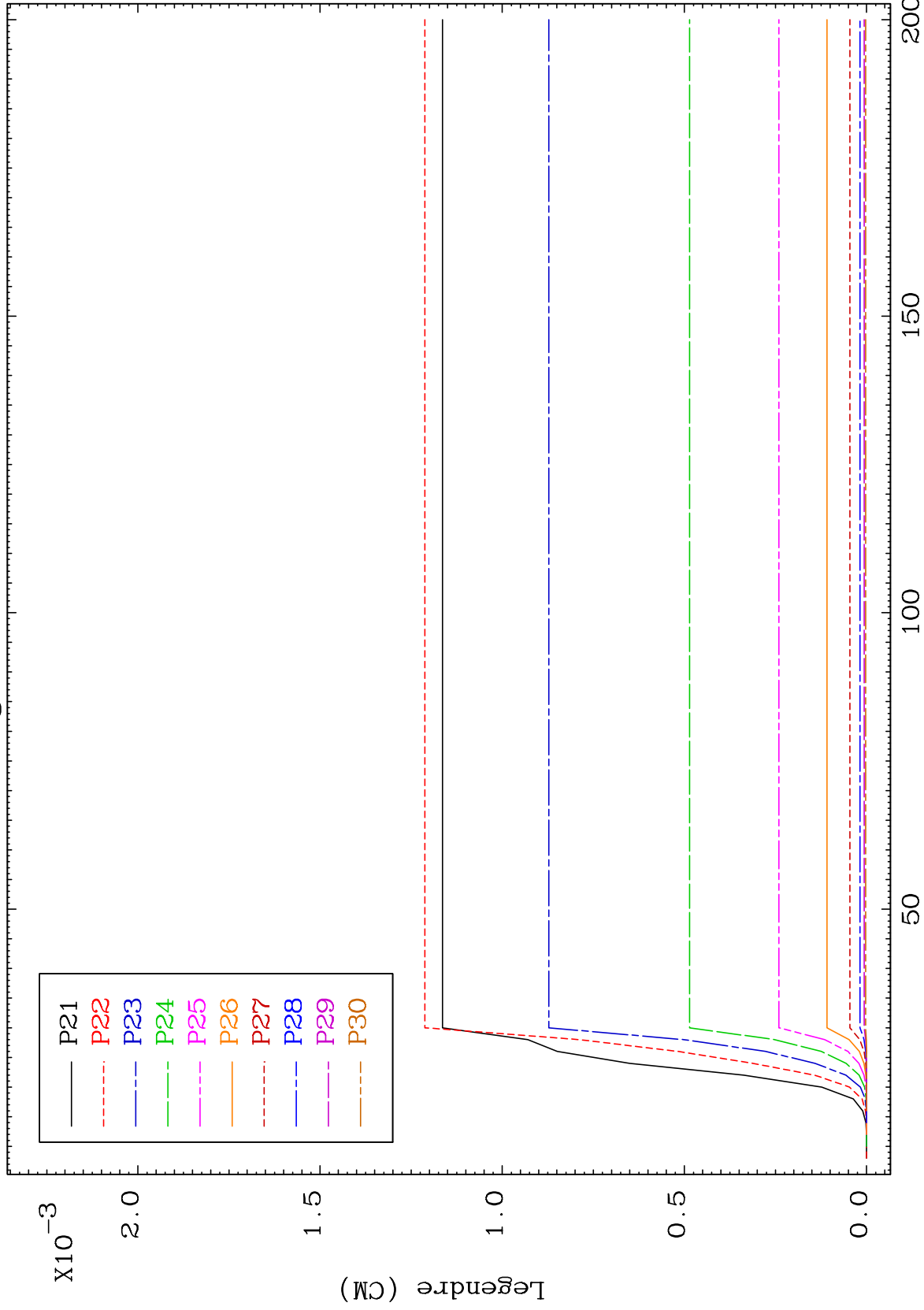




MAT 7925

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

79-Au-197



107

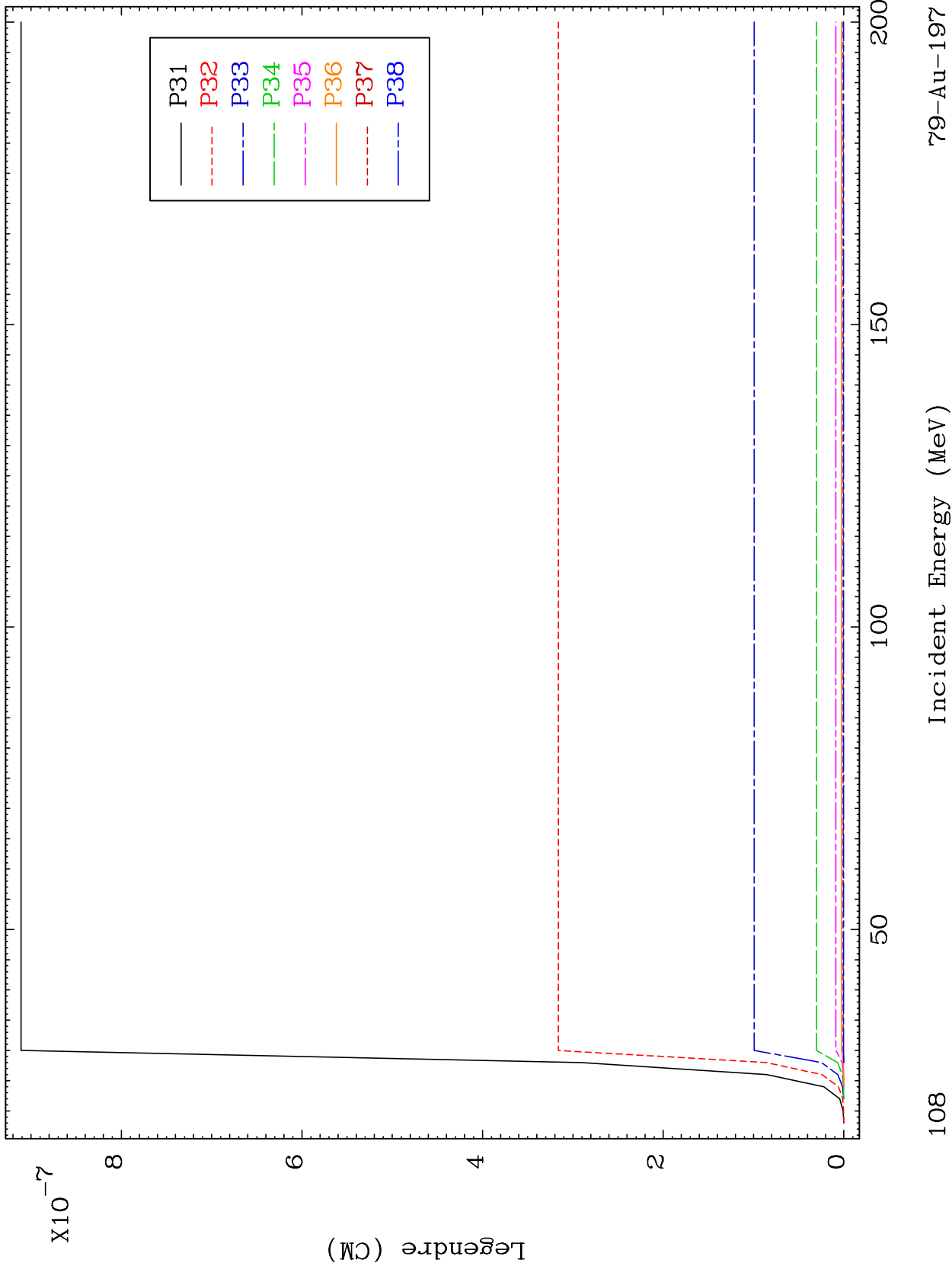
Incident Energy (MeV)

79-Au-197

MAT 7925

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

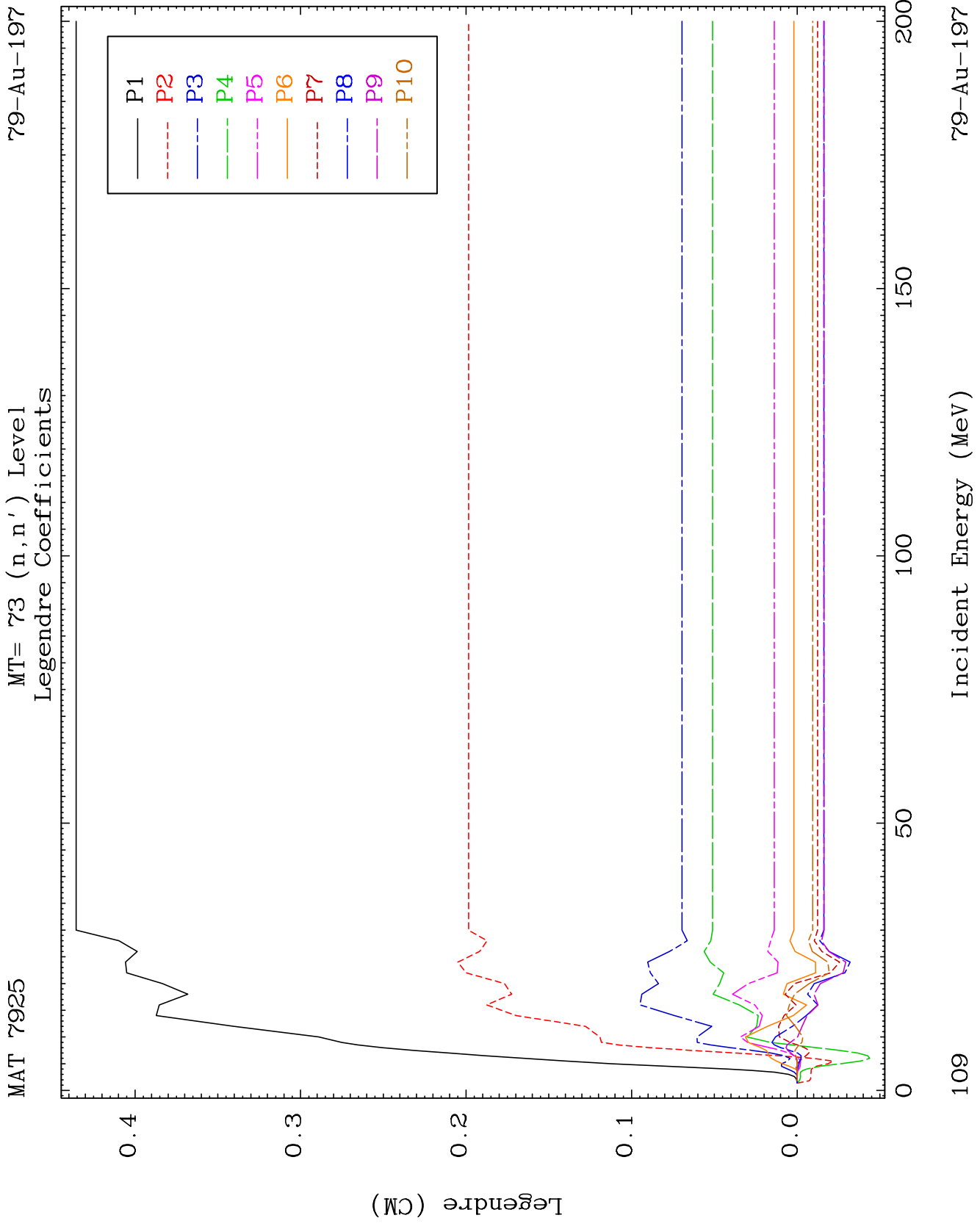
79-Au-197

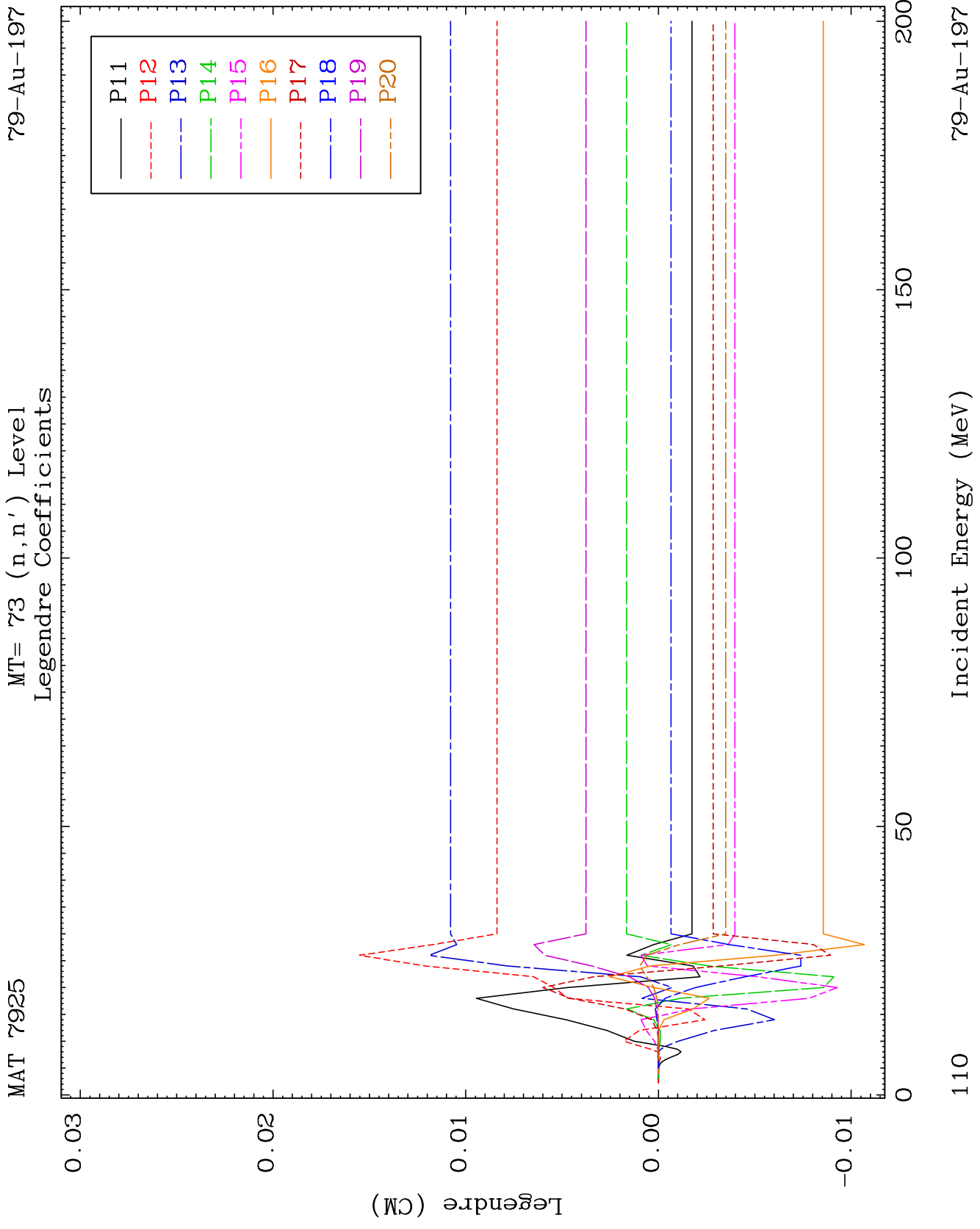


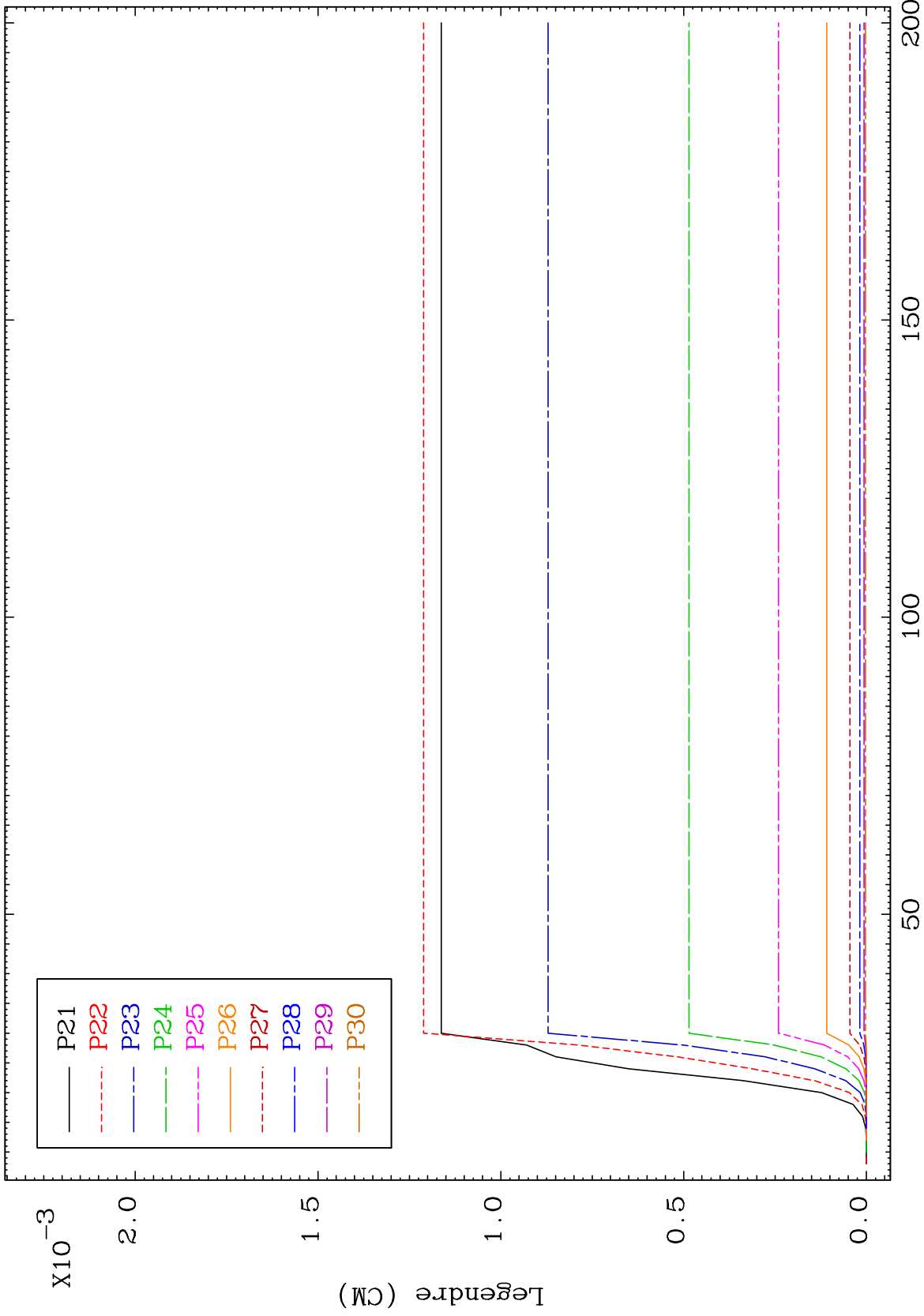
108

Incident Energy (MeV)

79-Au-197





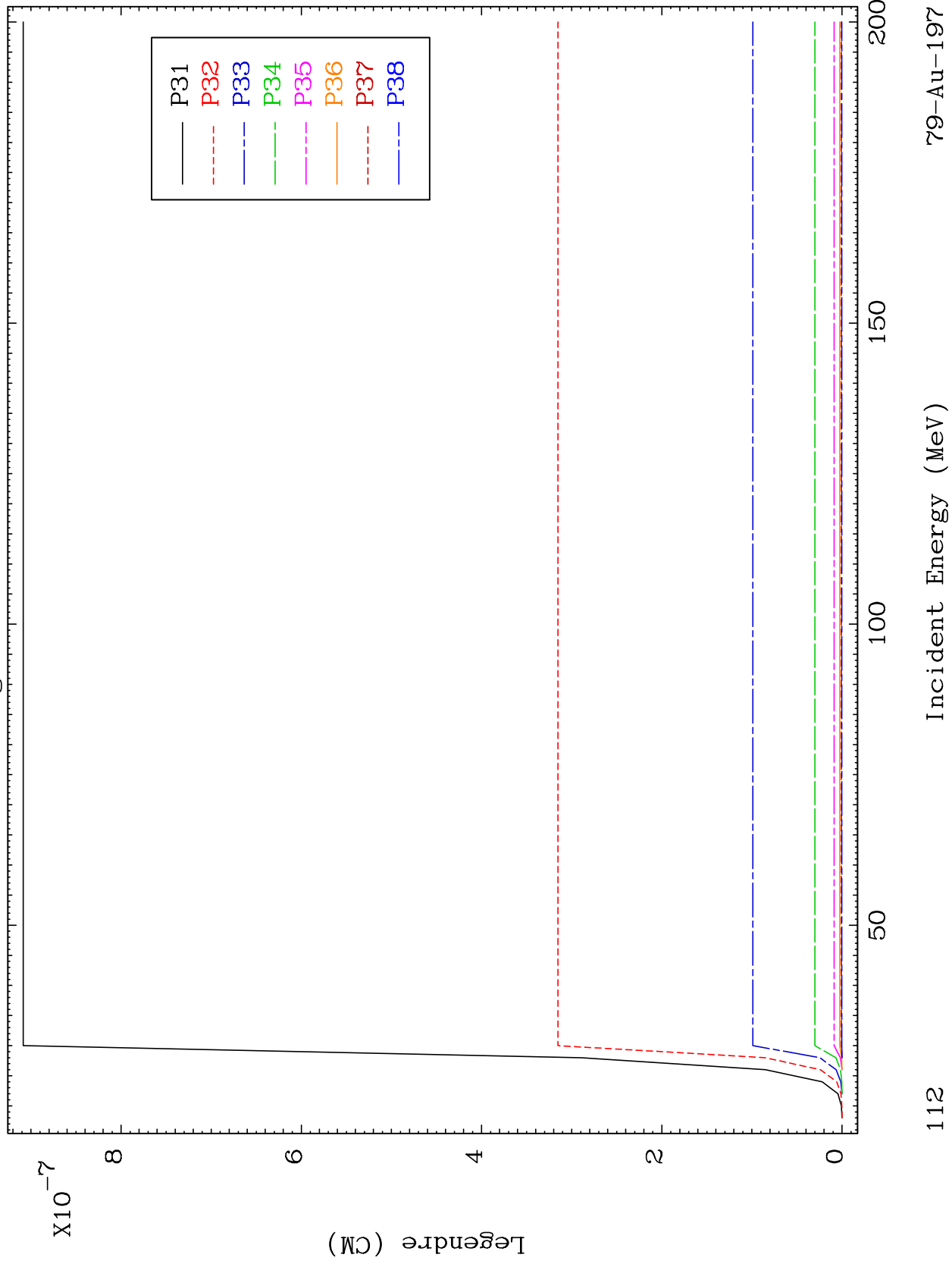




MAT 7925

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

79-Au-197

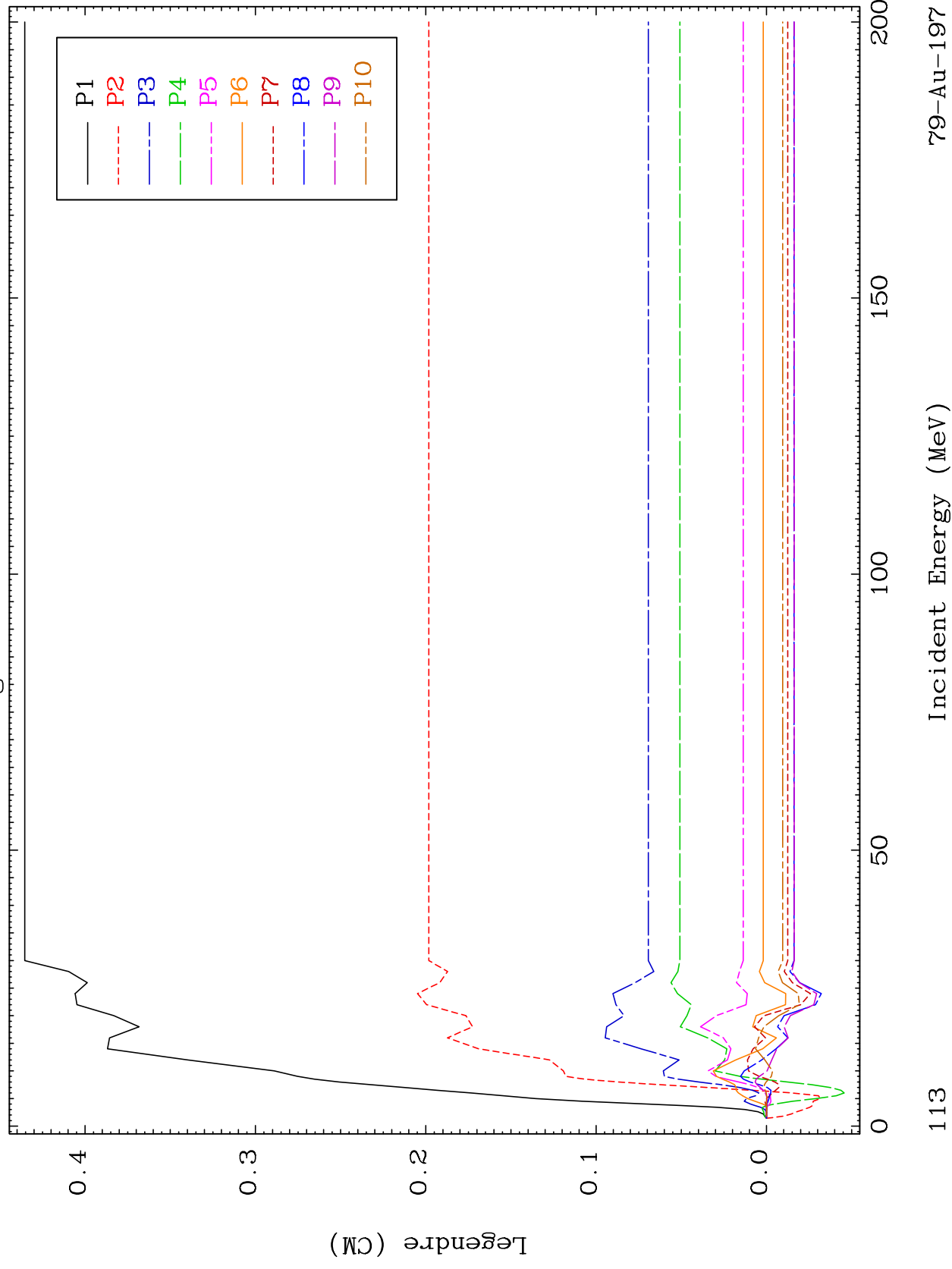


112

MAT 7925

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

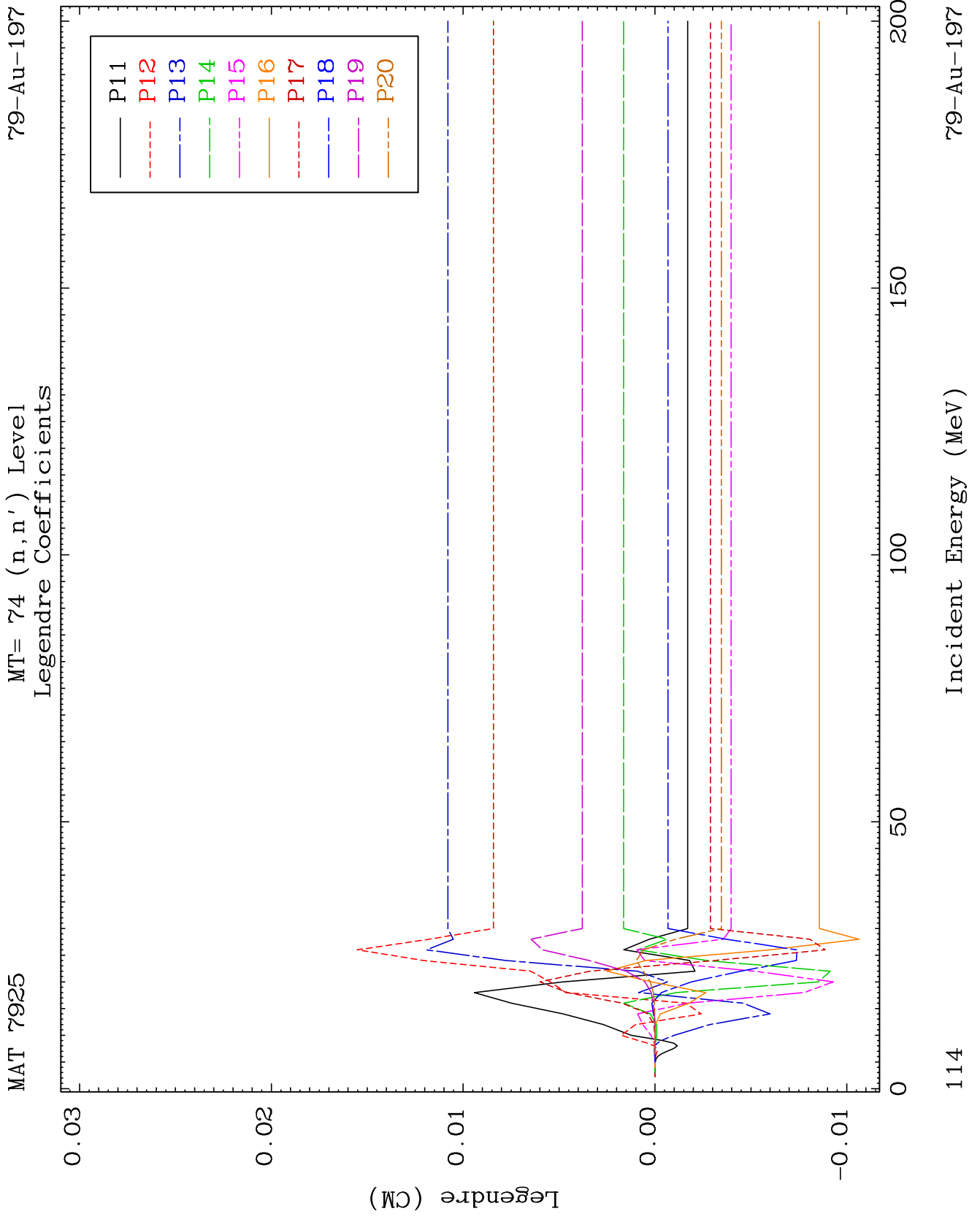
79-Au-197



113

Incident Energy (MeV)

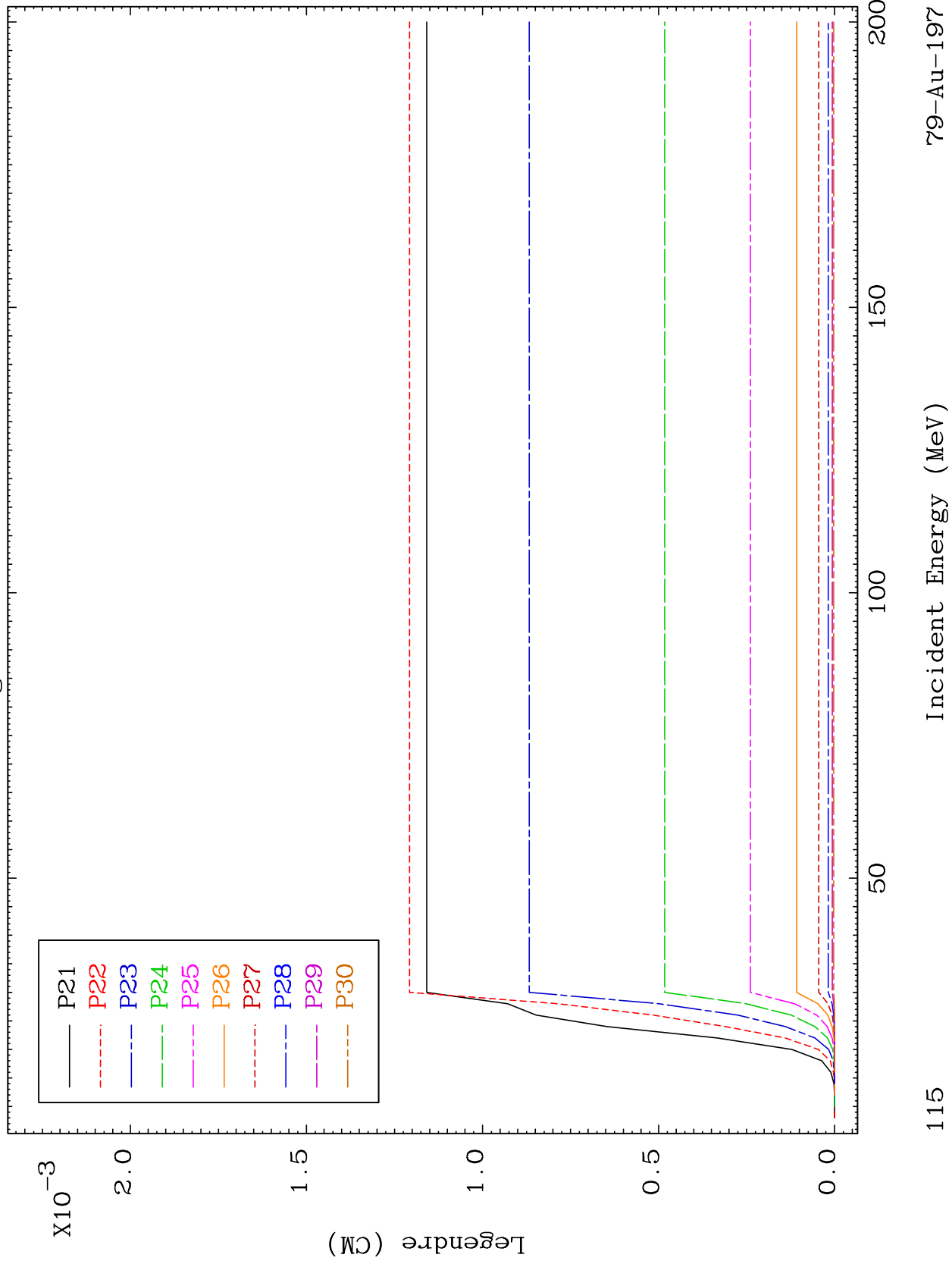
79-Au-197



MAT 7925

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

79-Au-197



115

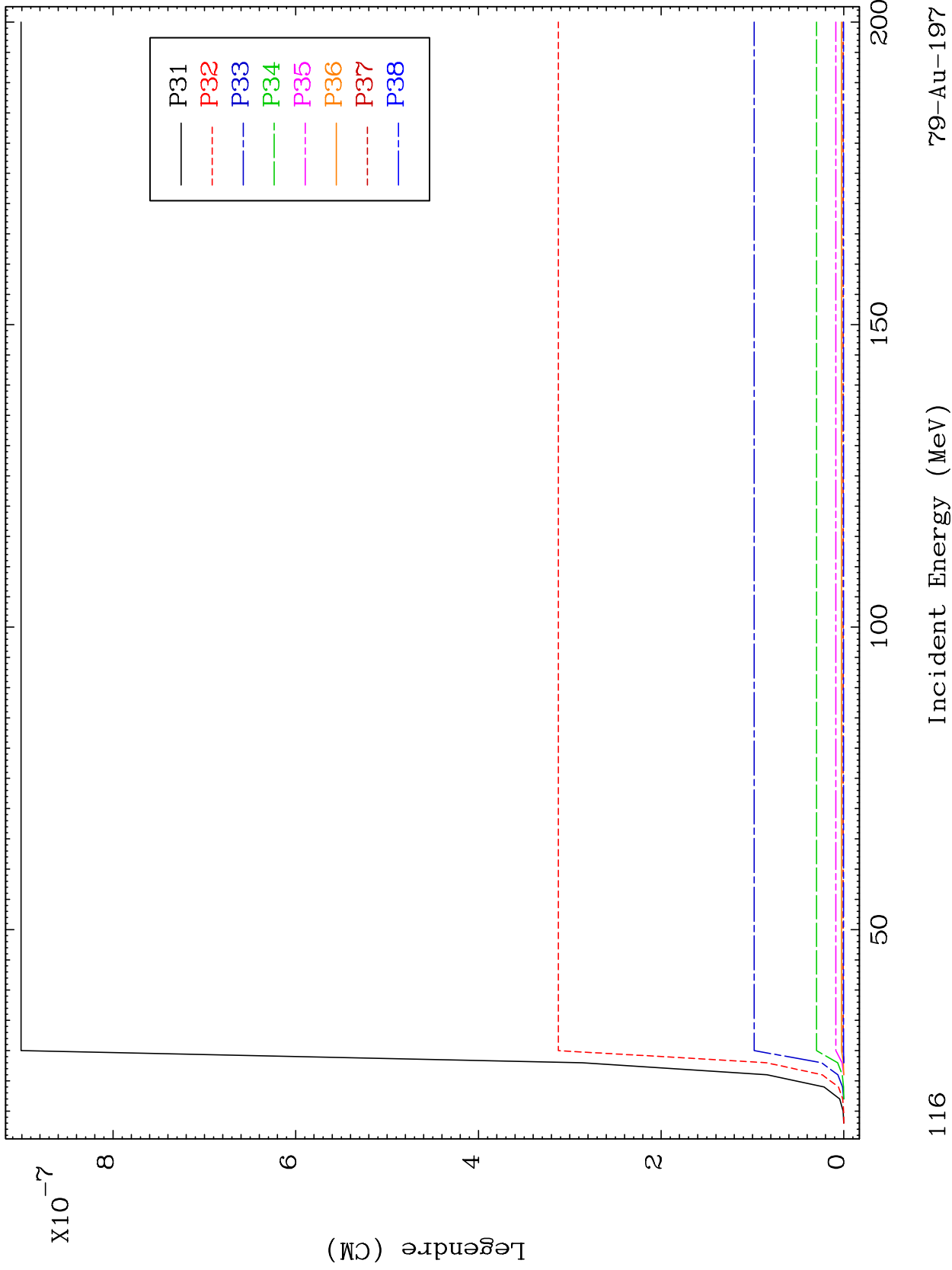
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



116

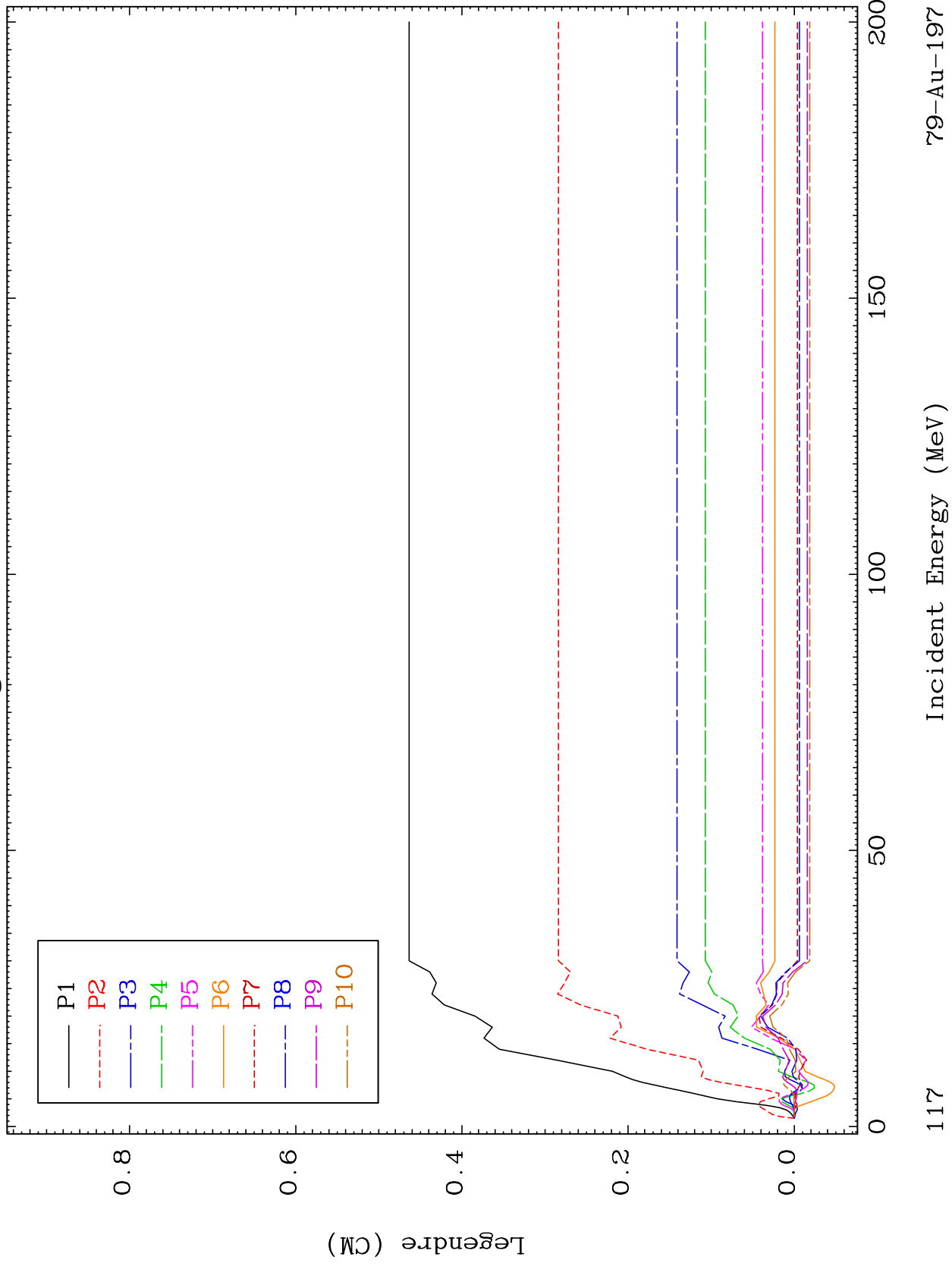
Incident Energy (MeV)

79-Au-197

MAT 7925

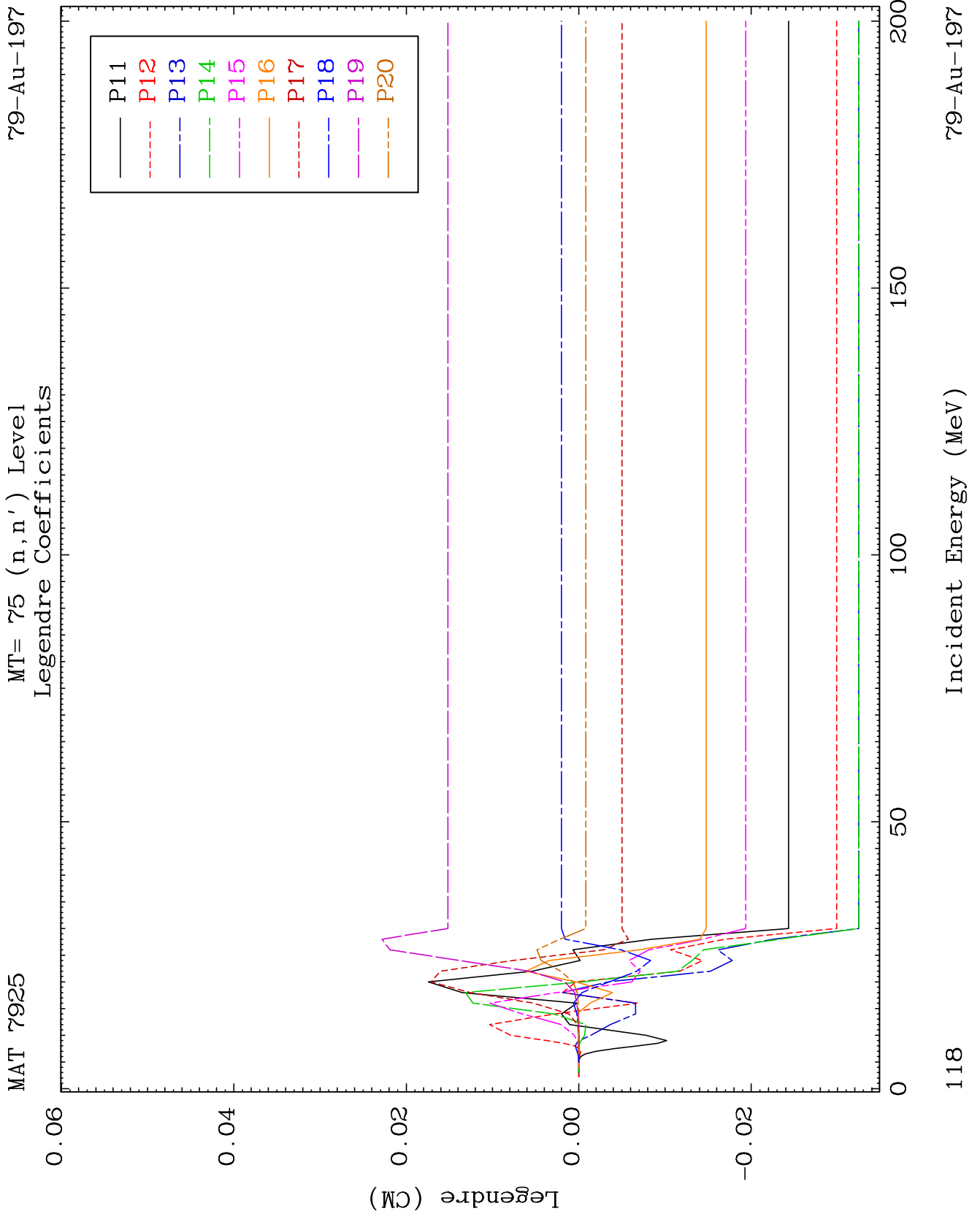
MT= 75 (n,n') Level  
Legendre Coefficients

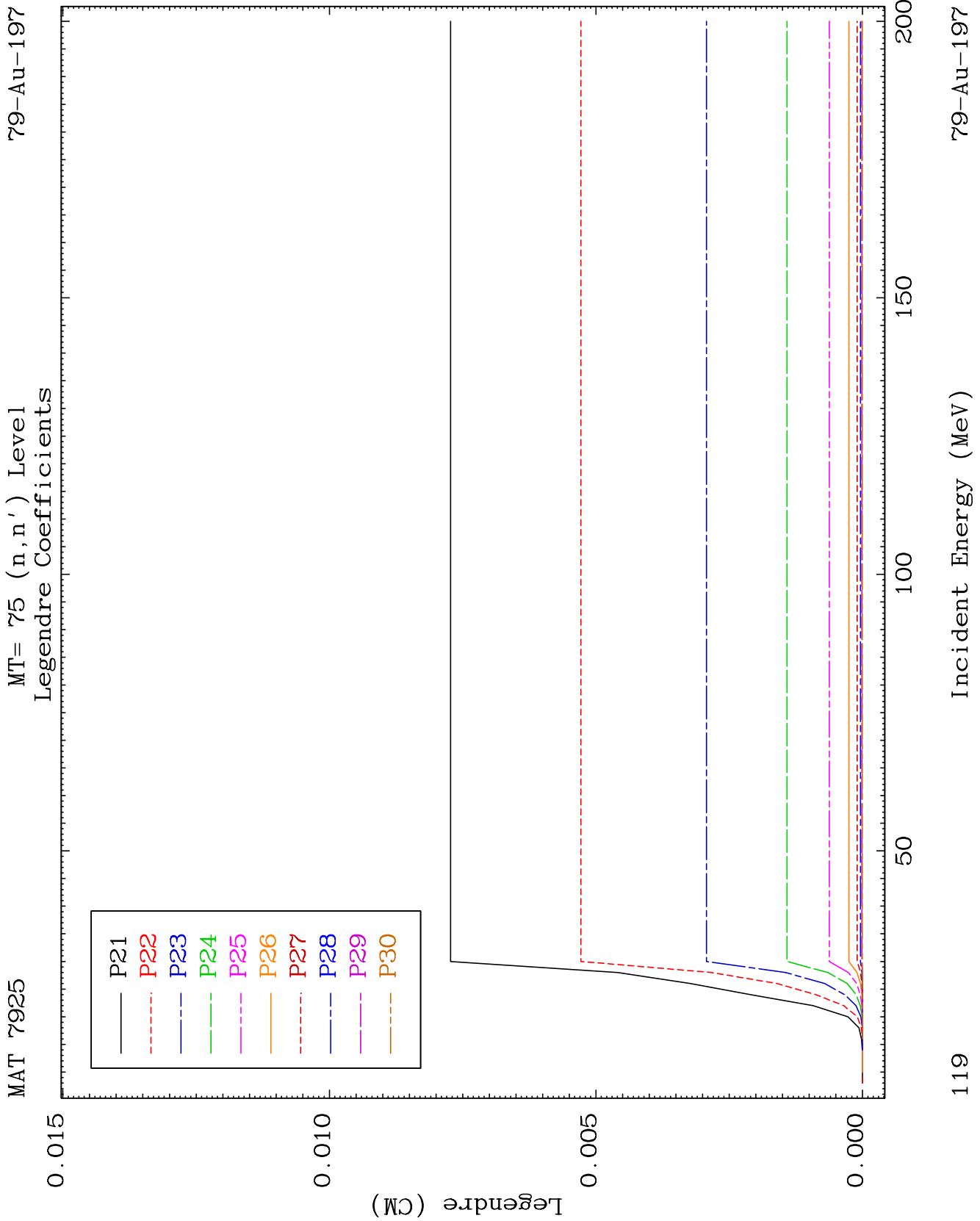
79-Au-197



117

79-Au-197



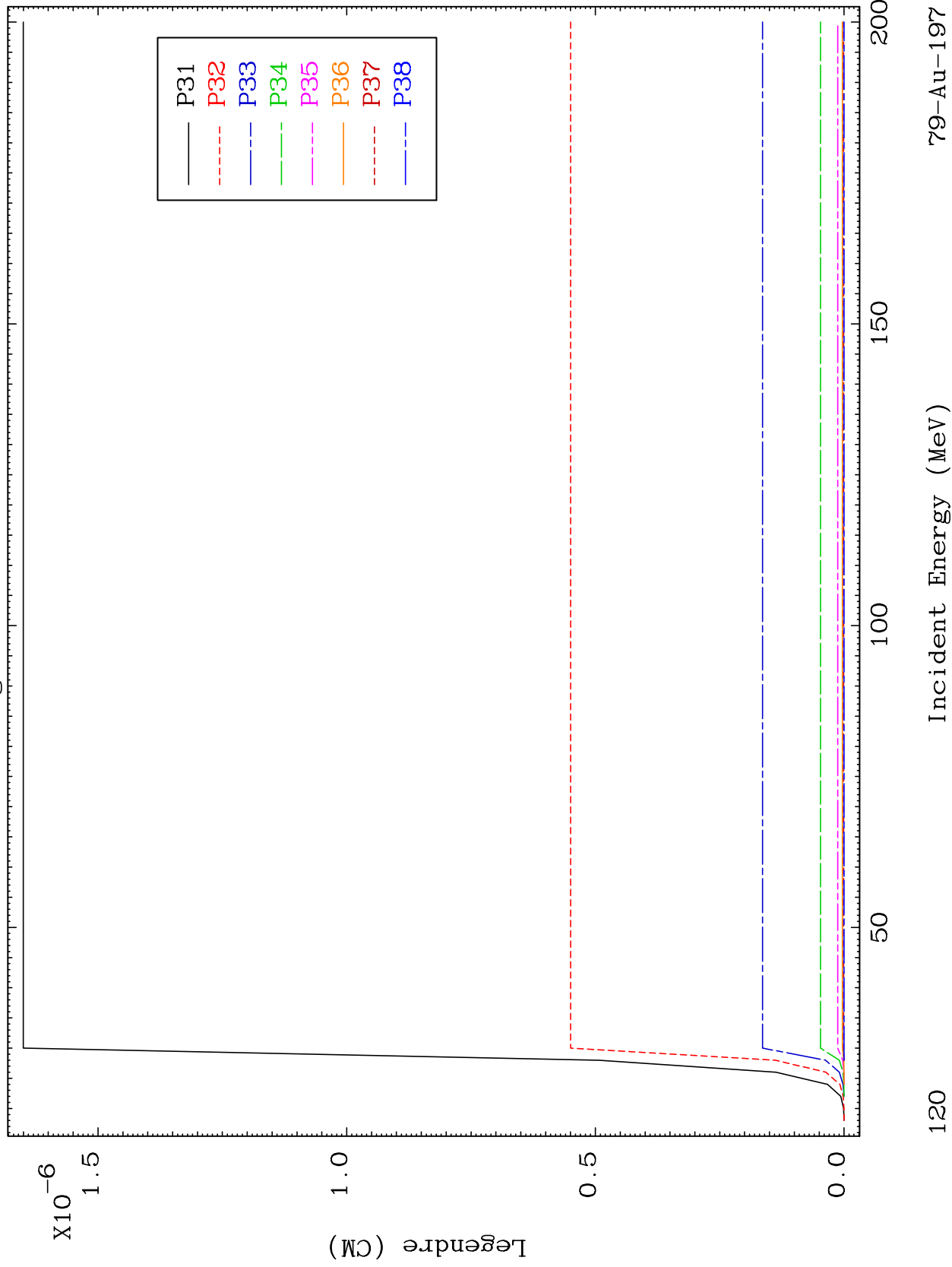




MAT 7925

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

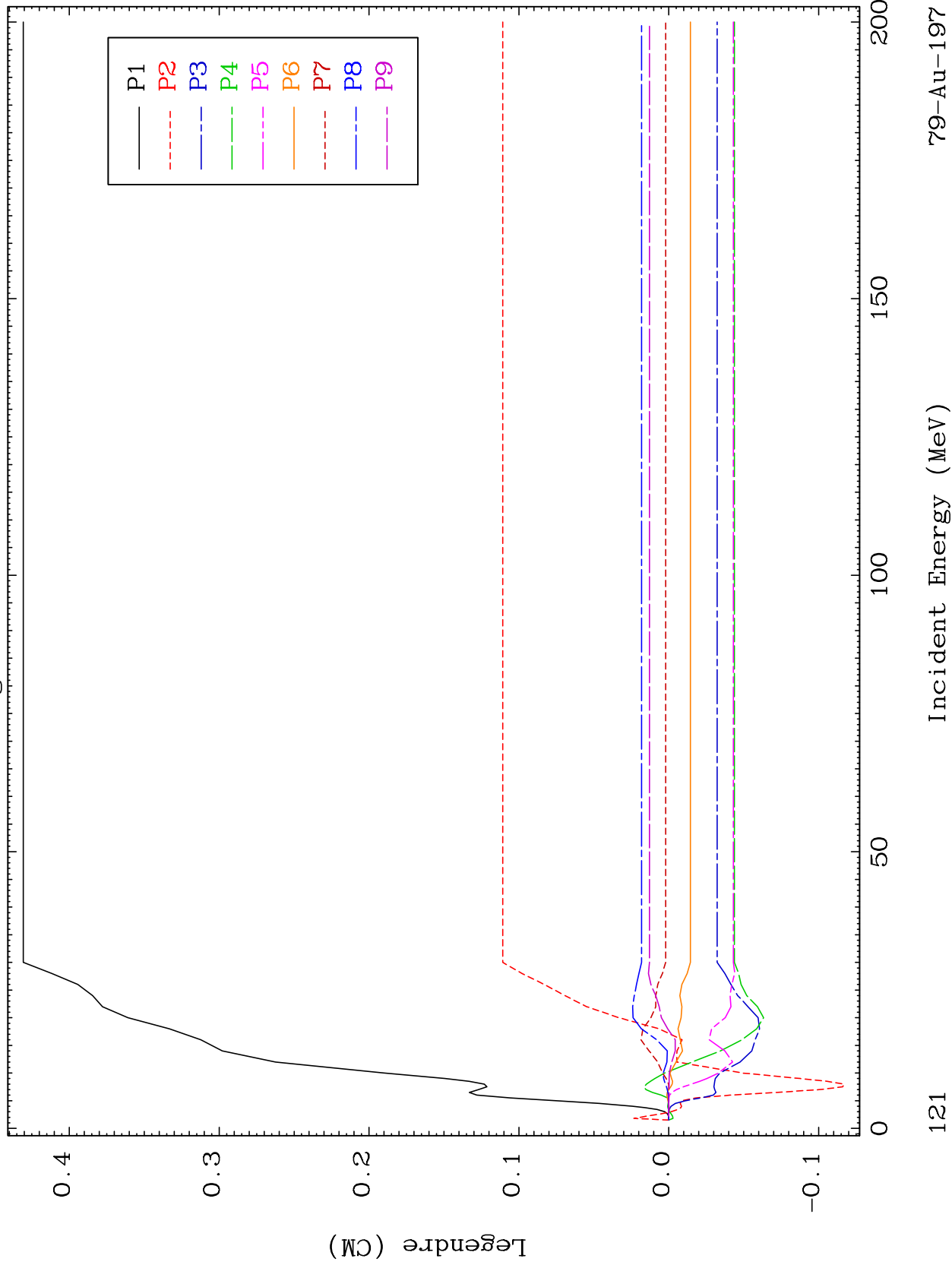
79-Au-197



MAT 7925

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

79-Au-197



79-Au-197

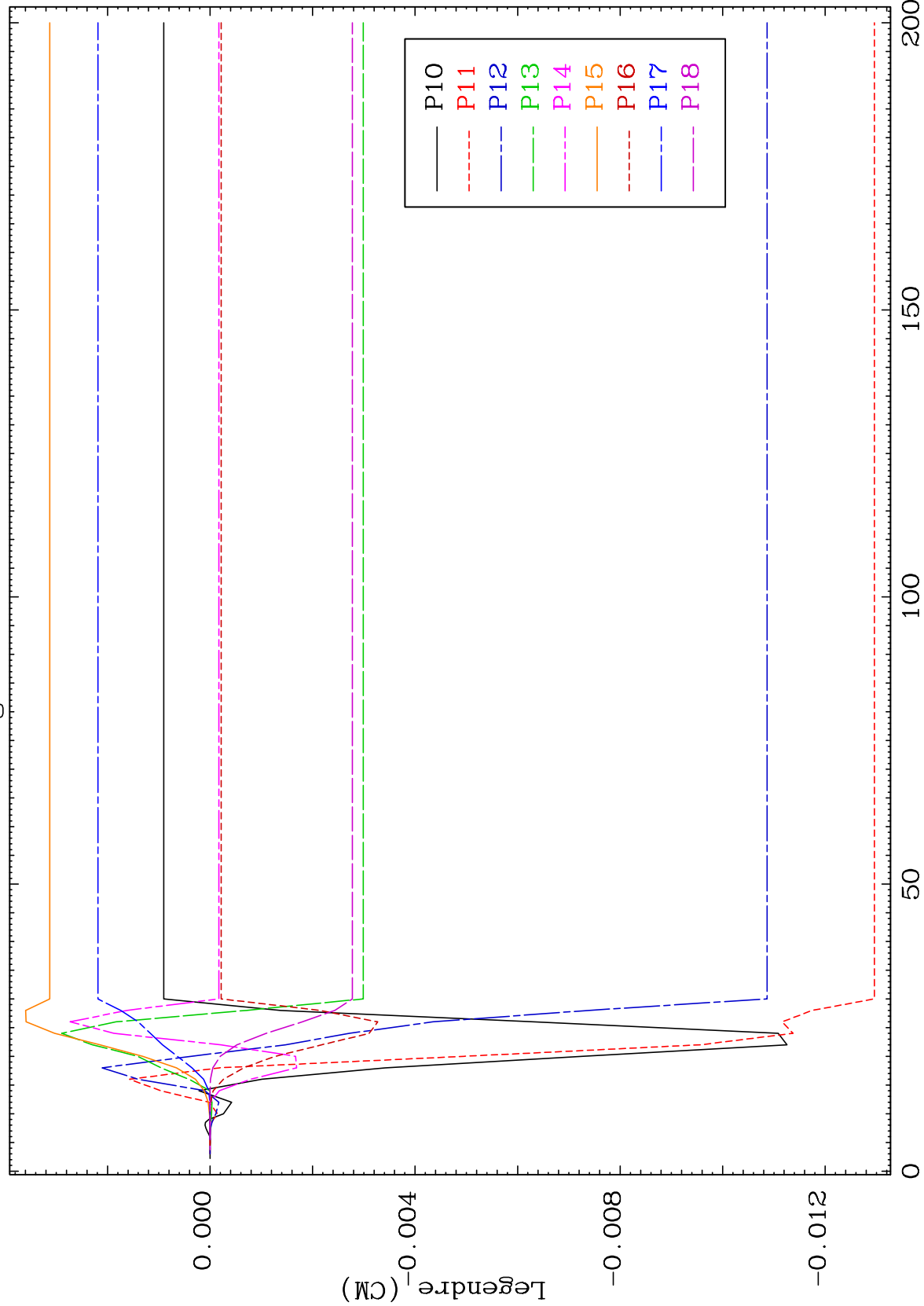
Incident Energy (MeV)

121

MAT 7925

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

79-Au-197



122

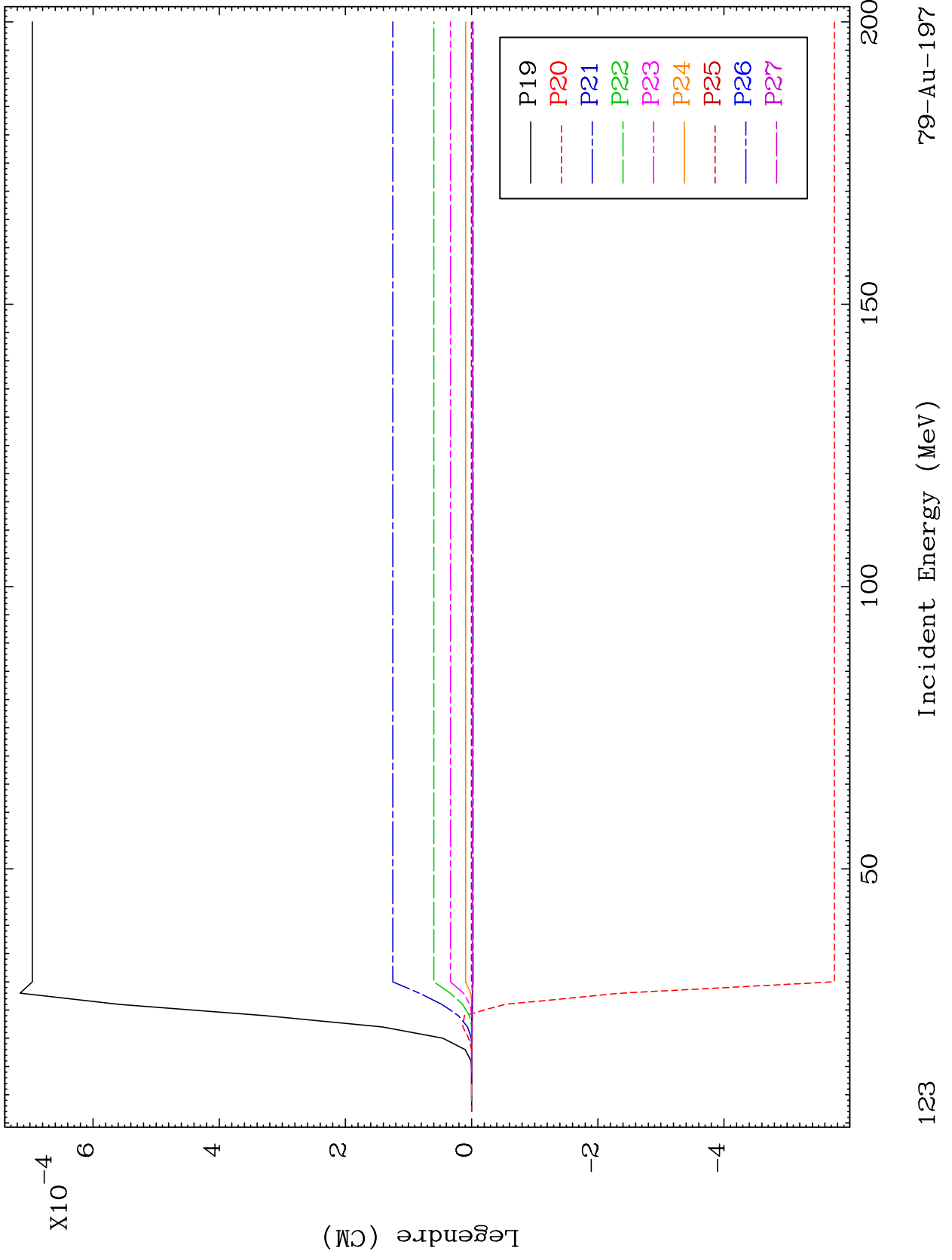
Incident Energy (MeV)

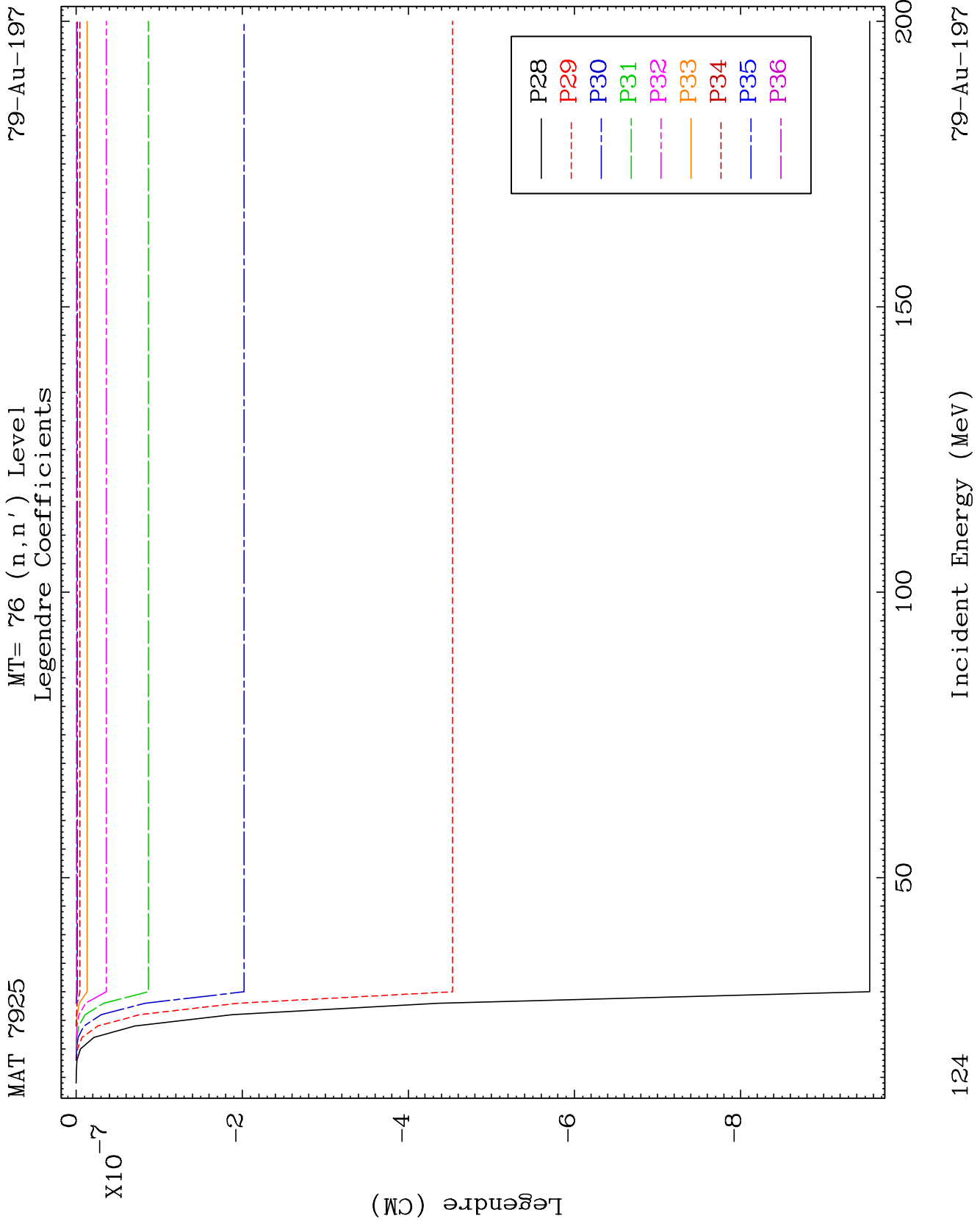
79-Au-197

MAT 7925

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

79-Au-197

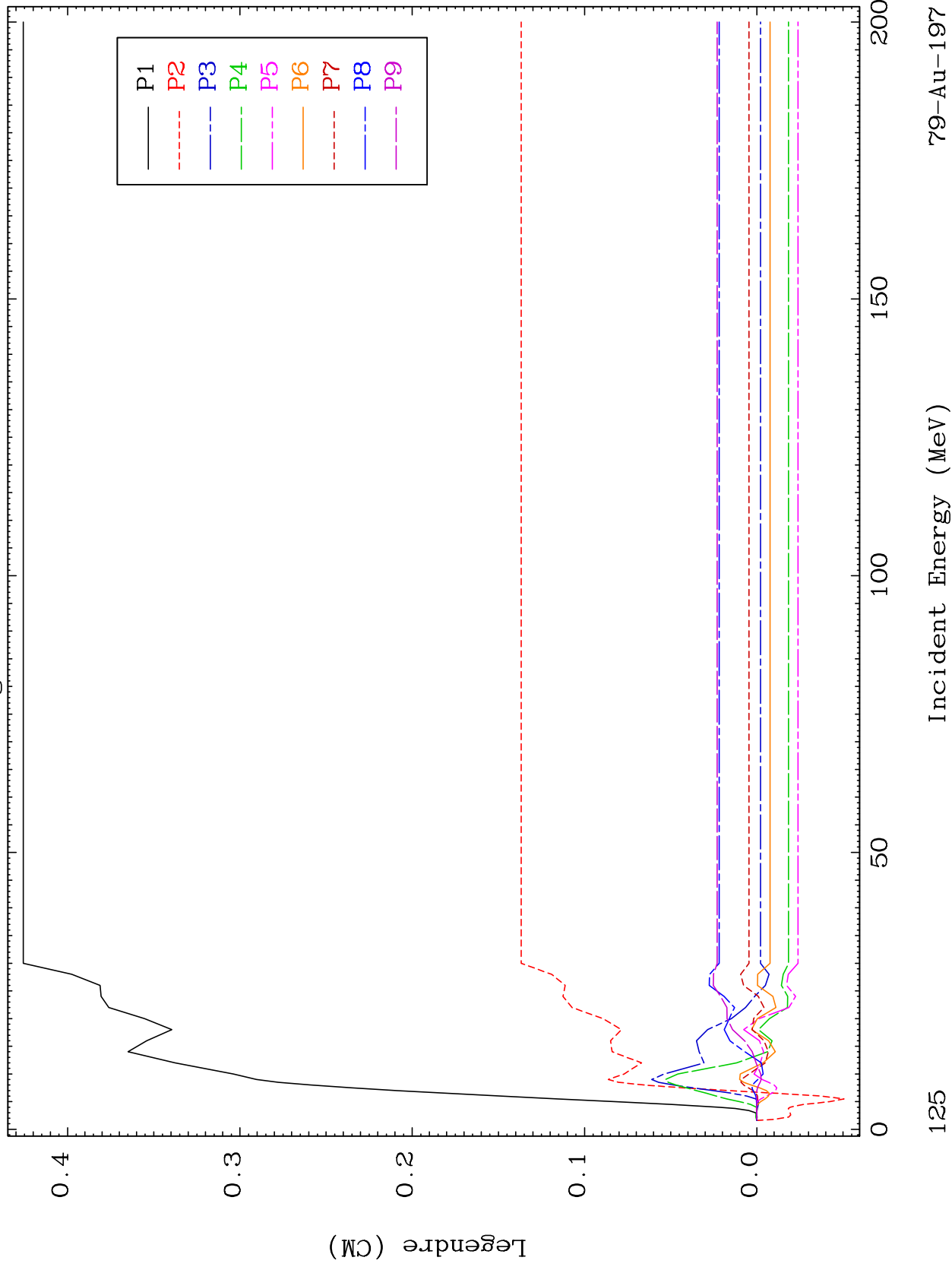


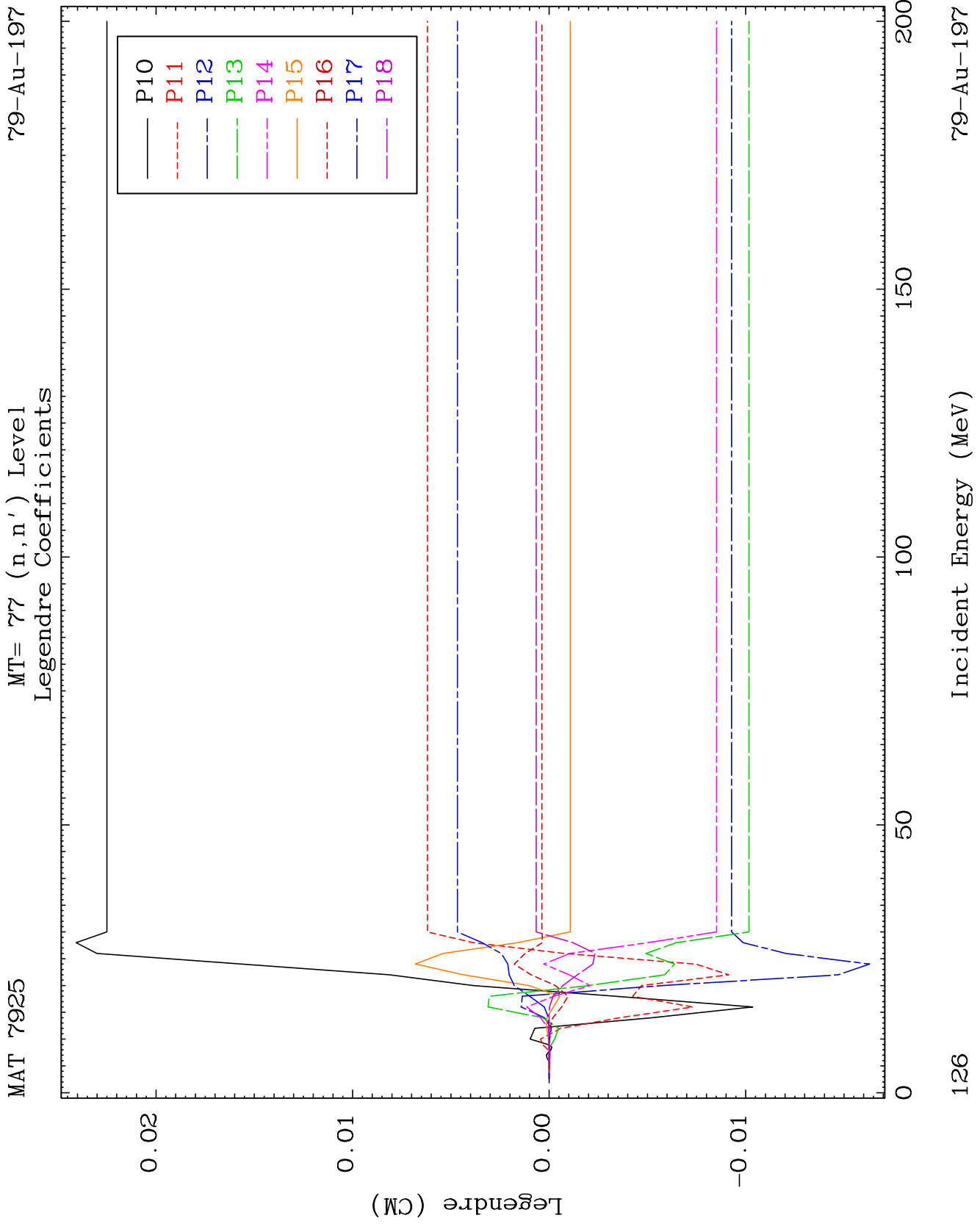


MAT 7925

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

79-Au-197

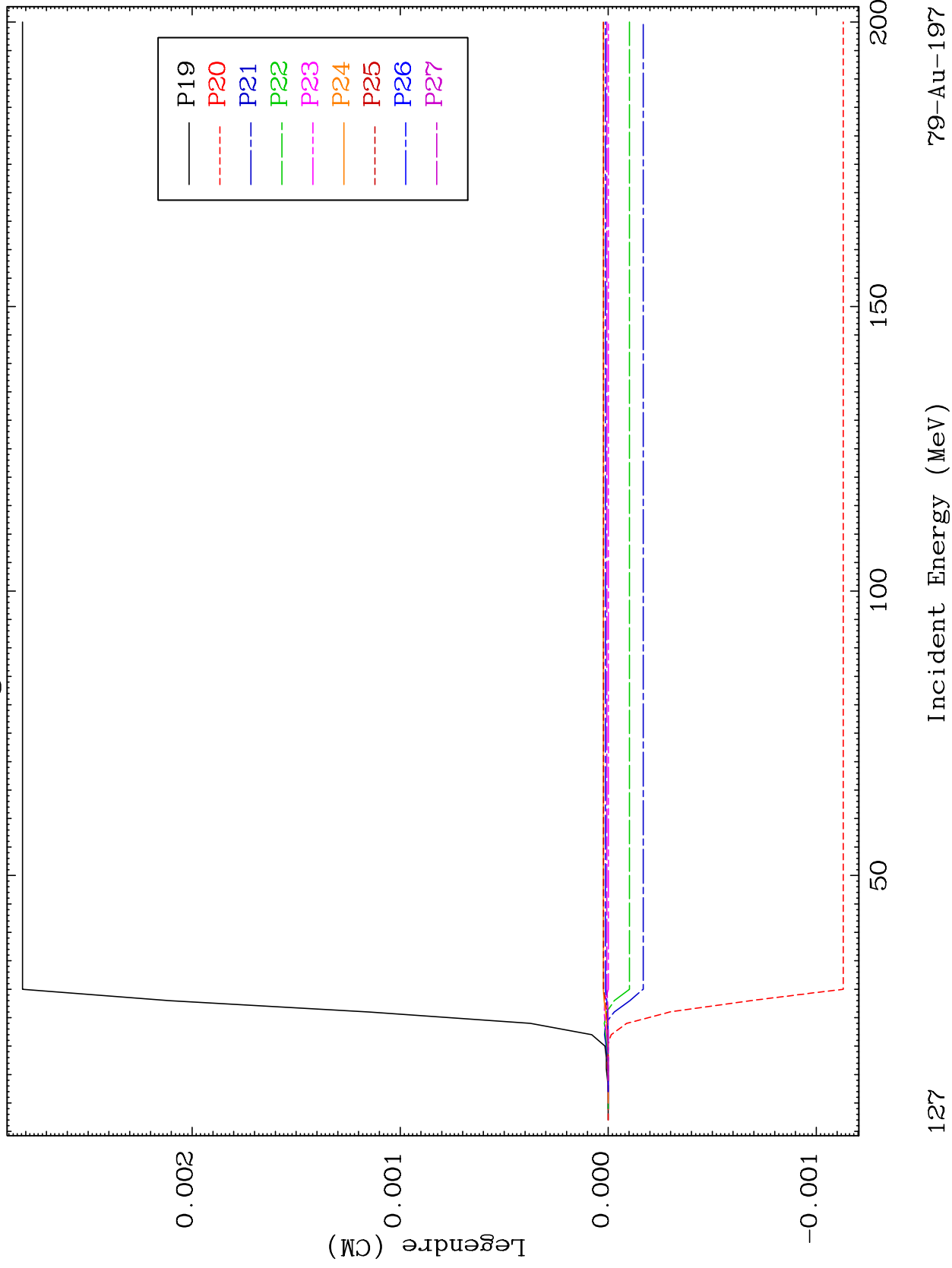




MAT 7925

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

79-Au-197



127

Incident Energy (MeV)

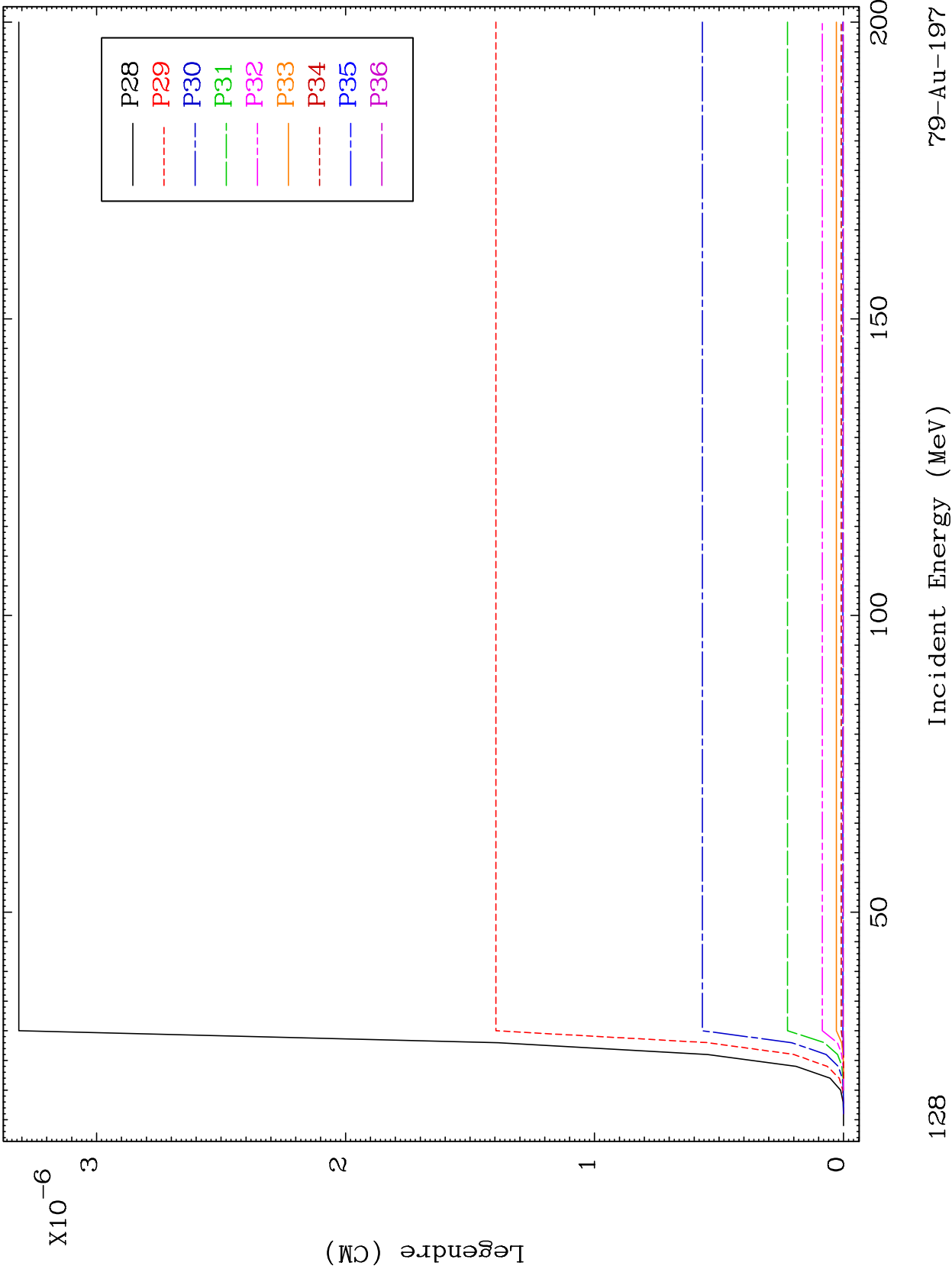
79-Au-197



MAT 7925

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

79-Au-197



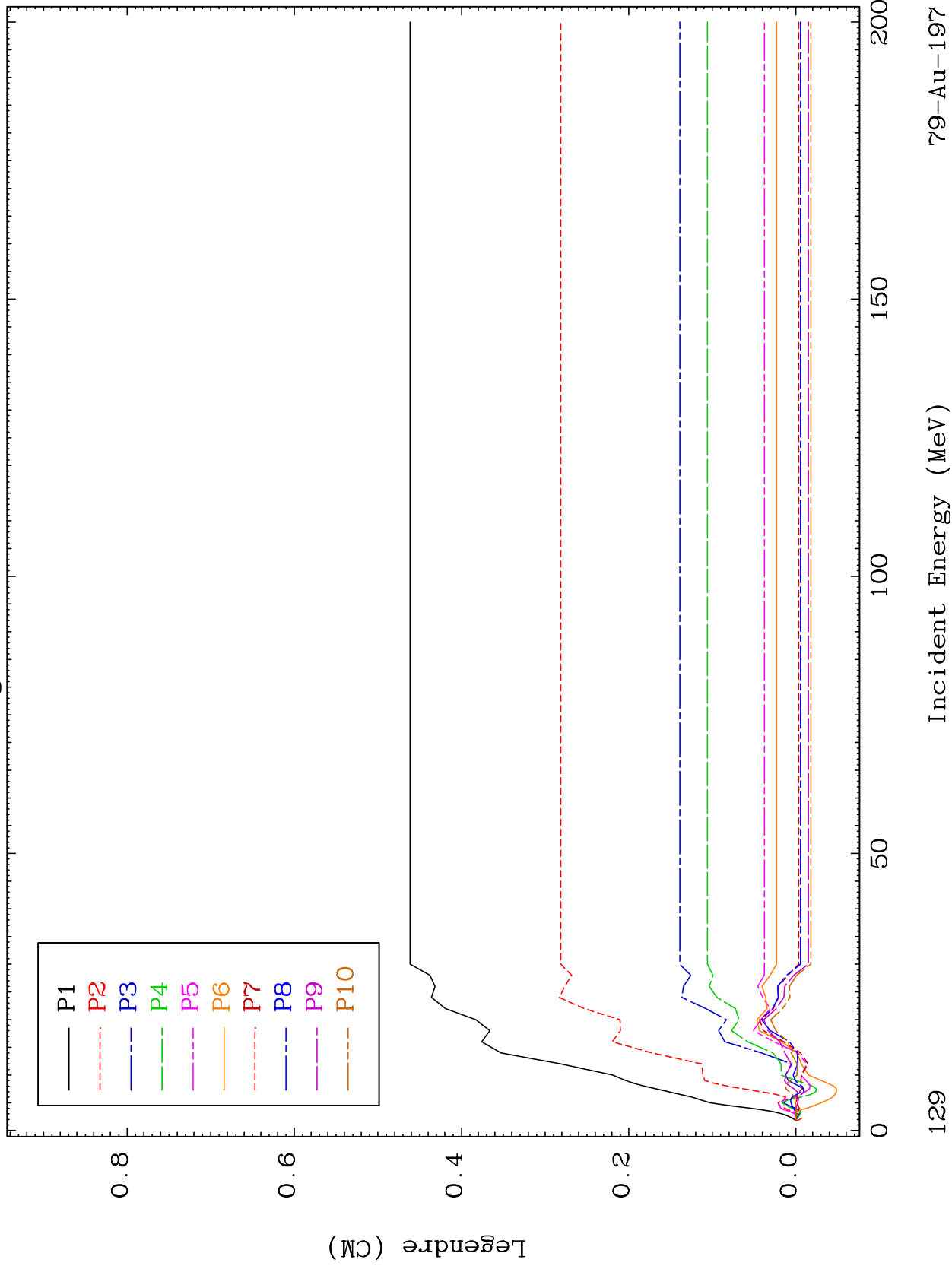
128

79-Au-197

MAT 7925

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

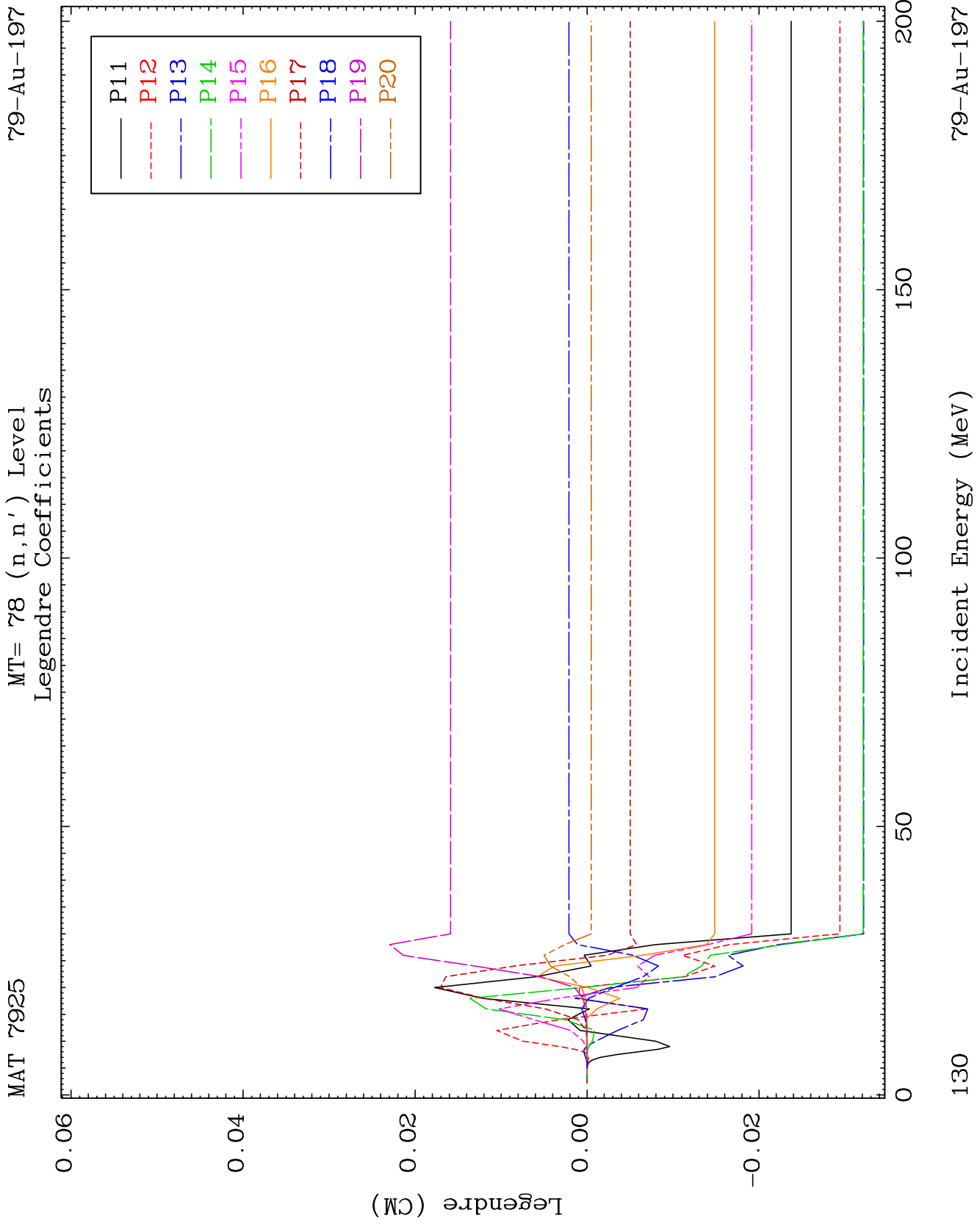
79-Au-197



79-Au-197

Incident Energy (MeV)

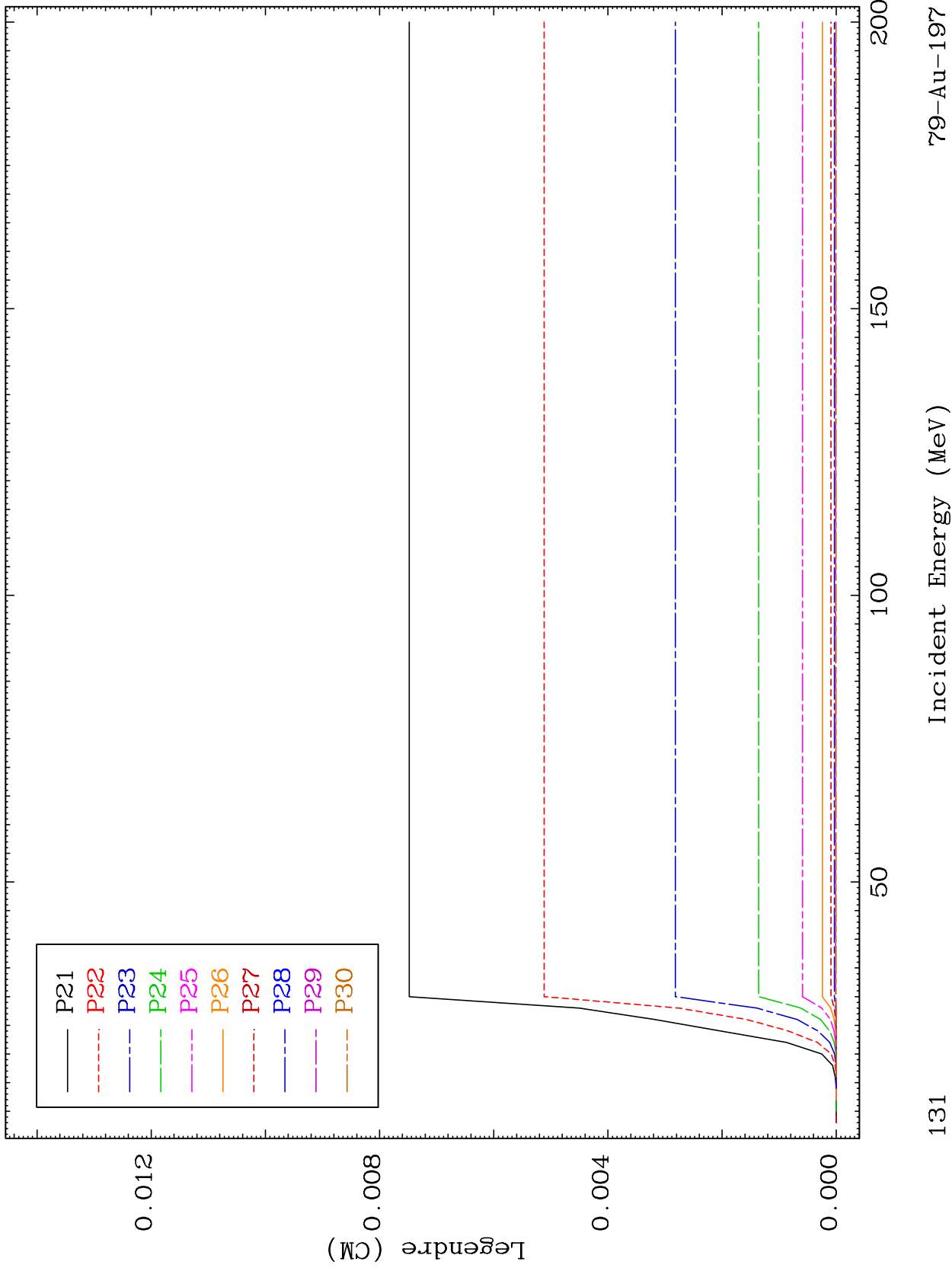
129



MAT 7925

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

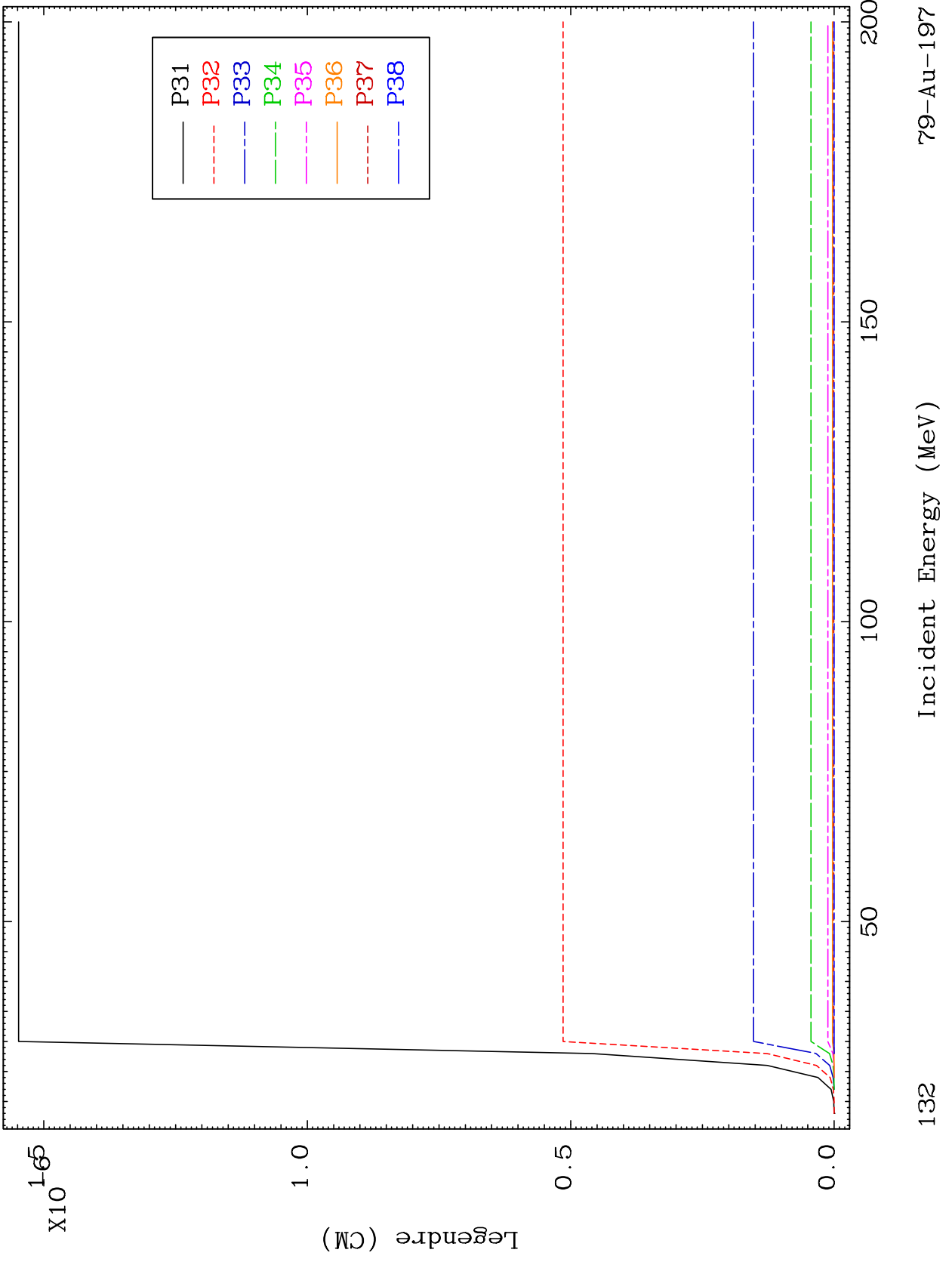
79-Au-197



MAT 7925

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

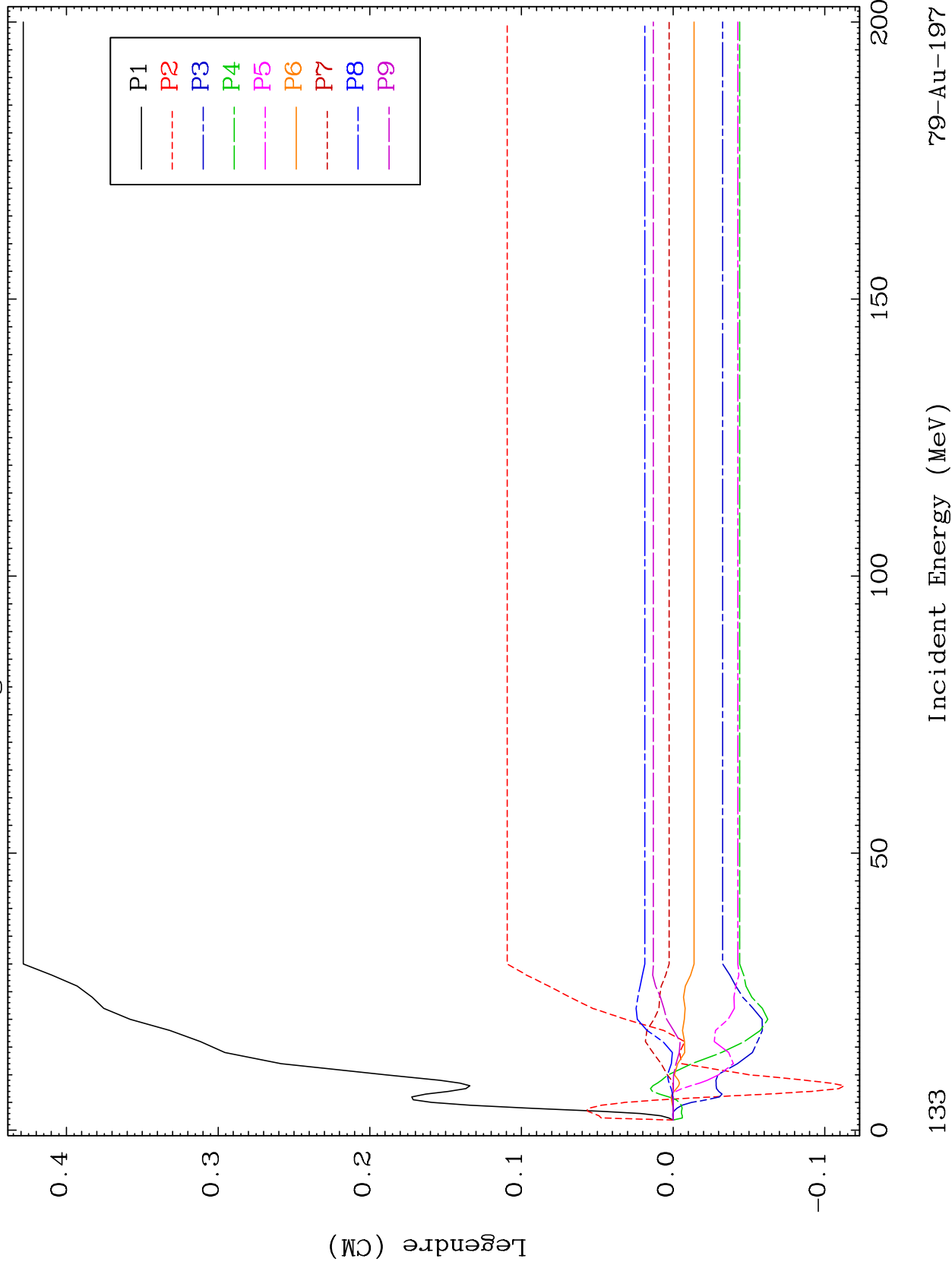
79-Au-197



MAT 7925

MT= 79 (n,n') Level  
Legendre Coefficients

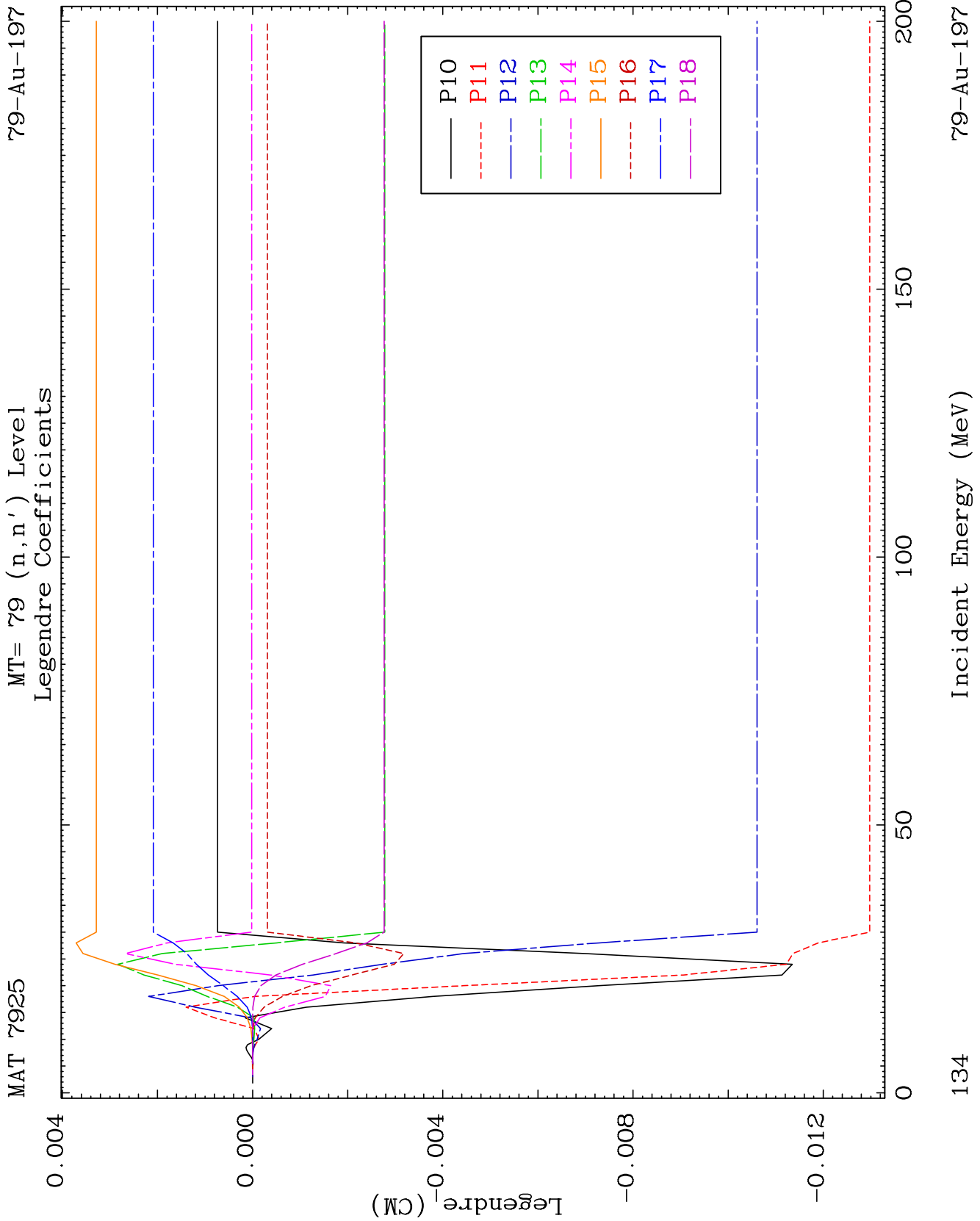
79-Au-197



133

Incident Energy (MeV)

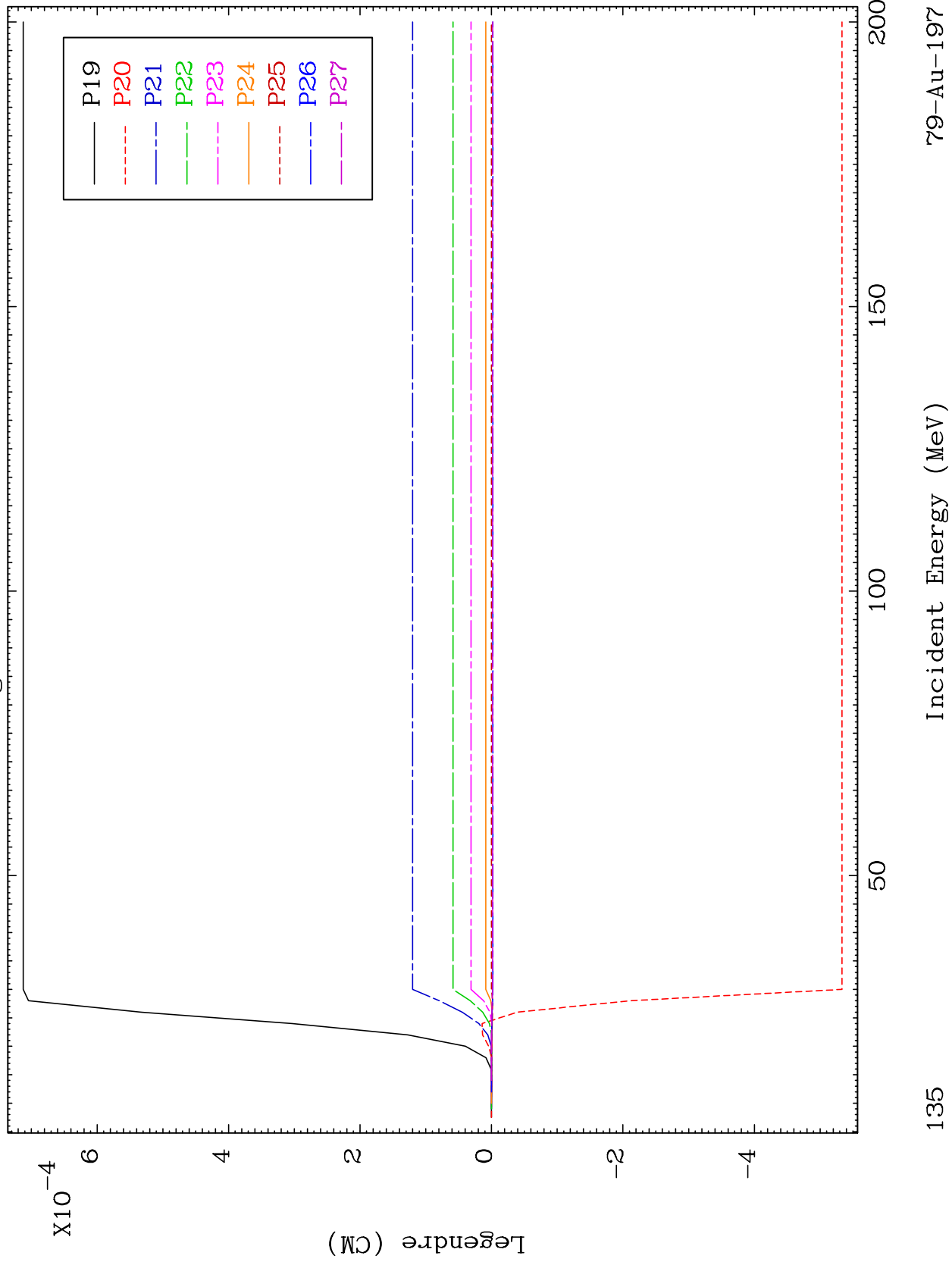
79-Au-197



MAT 7925

MT= 79 (n,n') Level  
Legendre Coefficients

79-Au-197



135

Incident Energy (MeV)

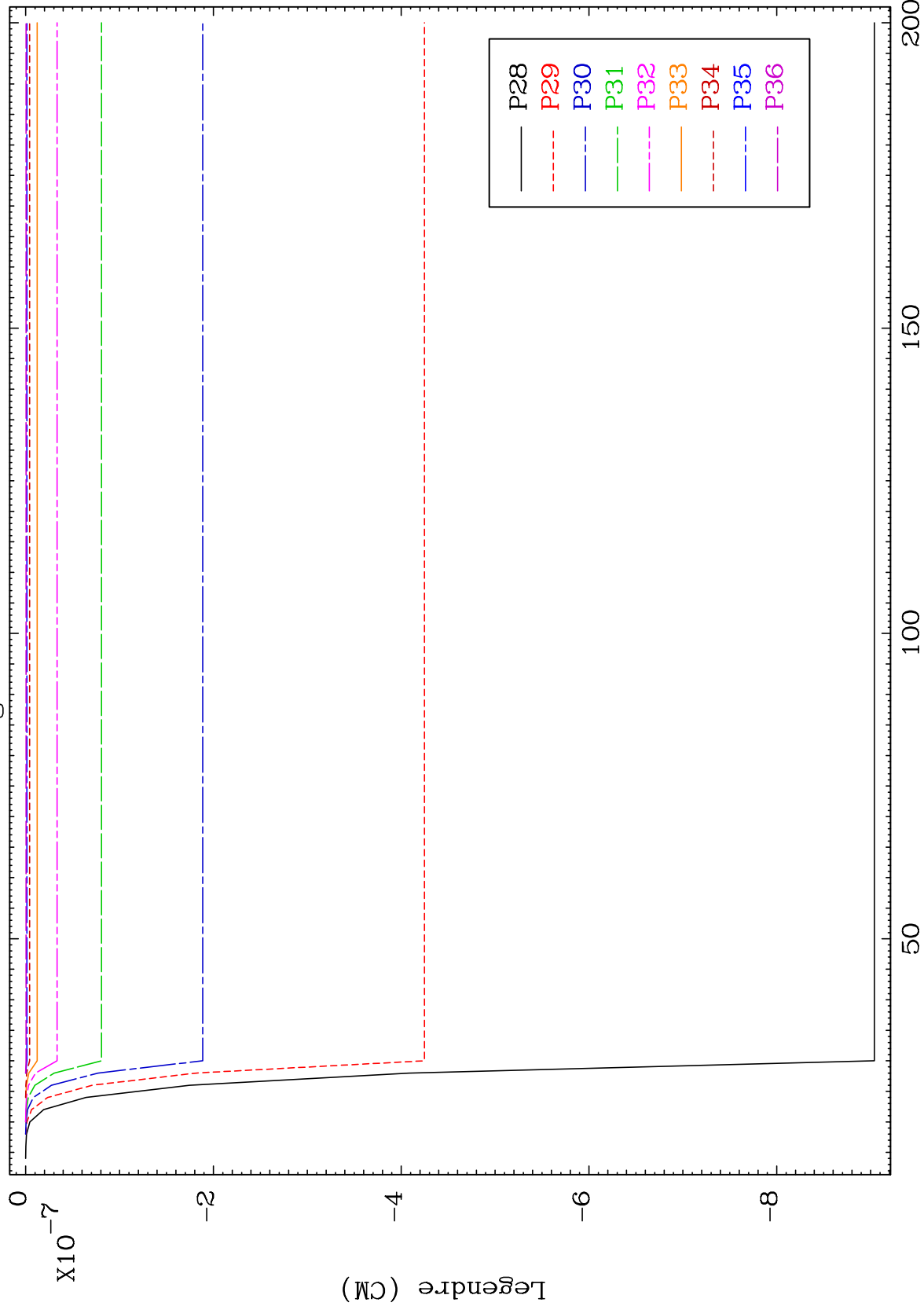
79-Au-197



MAT 7925

MT= 79 (n,n') Level  
Legendre Coefficients

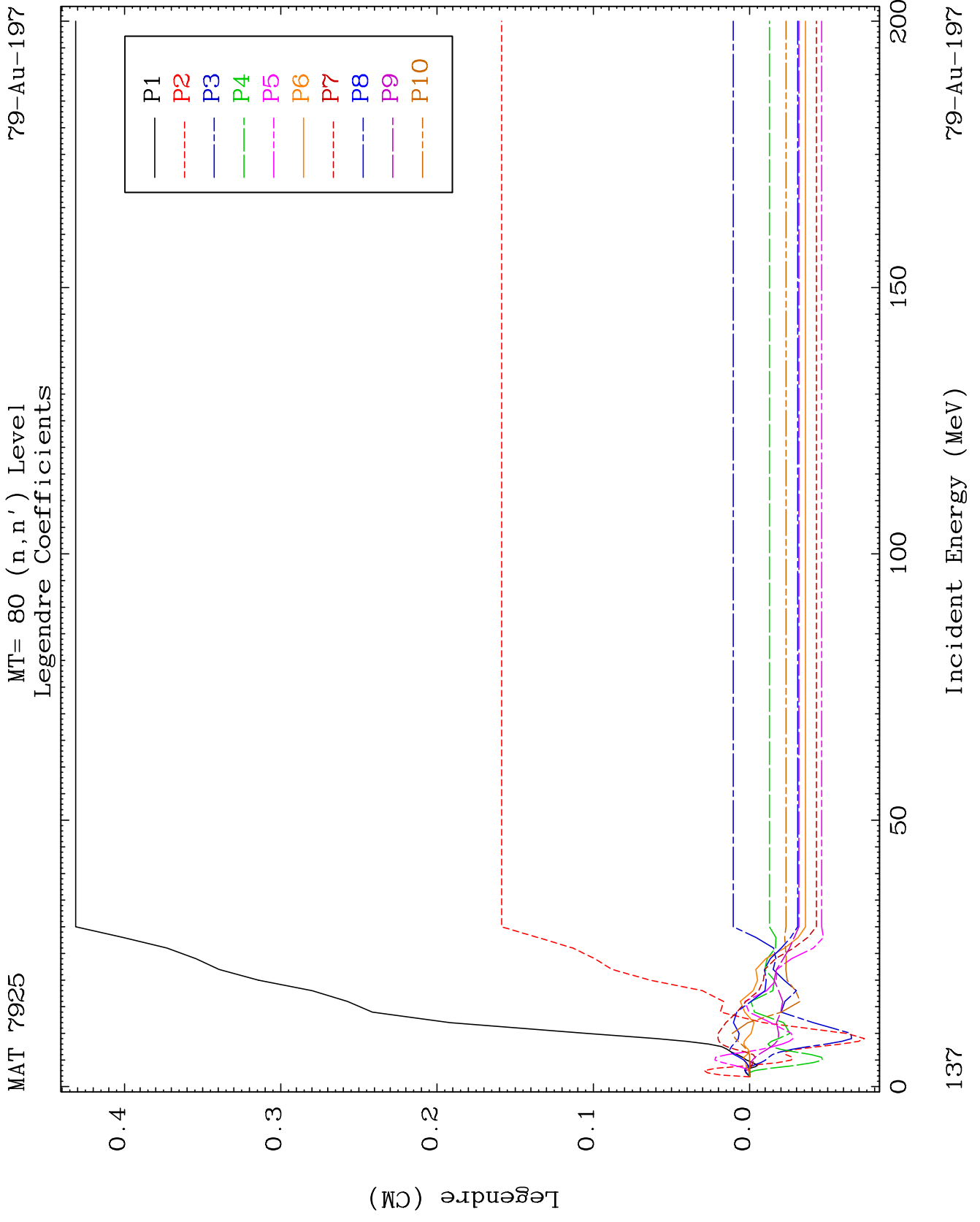
79-Au-197



136

Incident Energy (MeV)

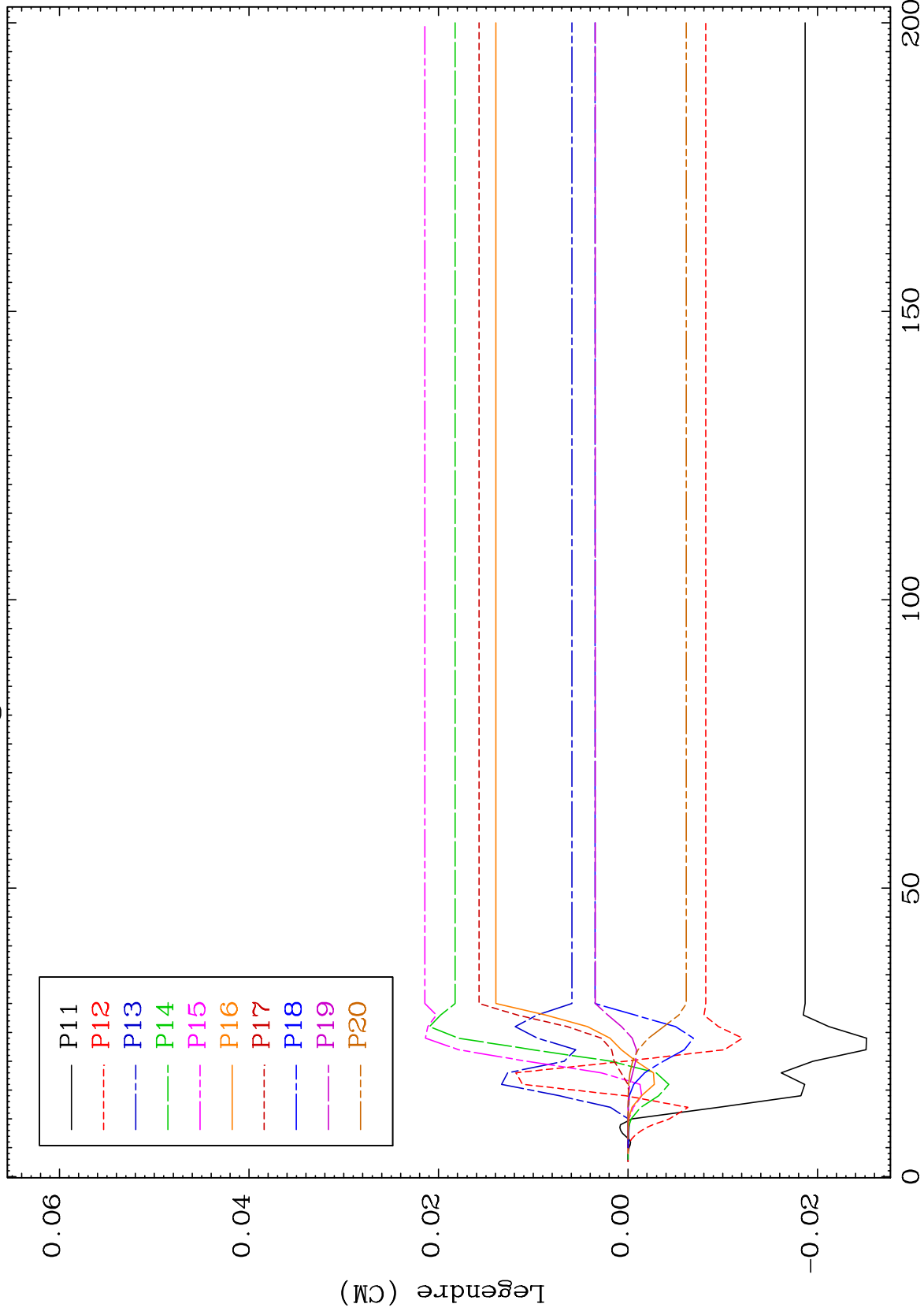
79-Au-197



MAT 7925

MT= 80 (n,n') Level  
Legendre Coefficients

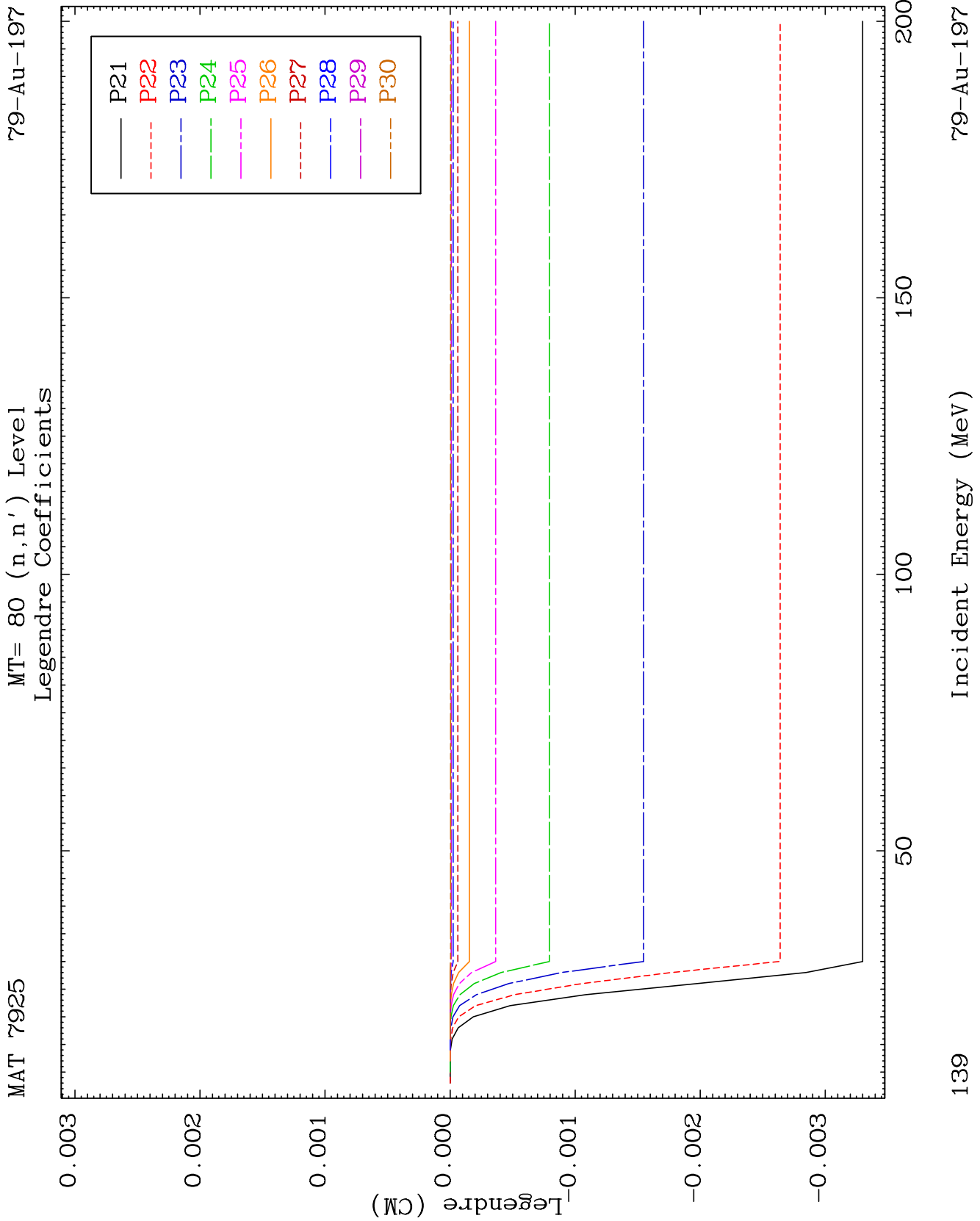
79-Au-197

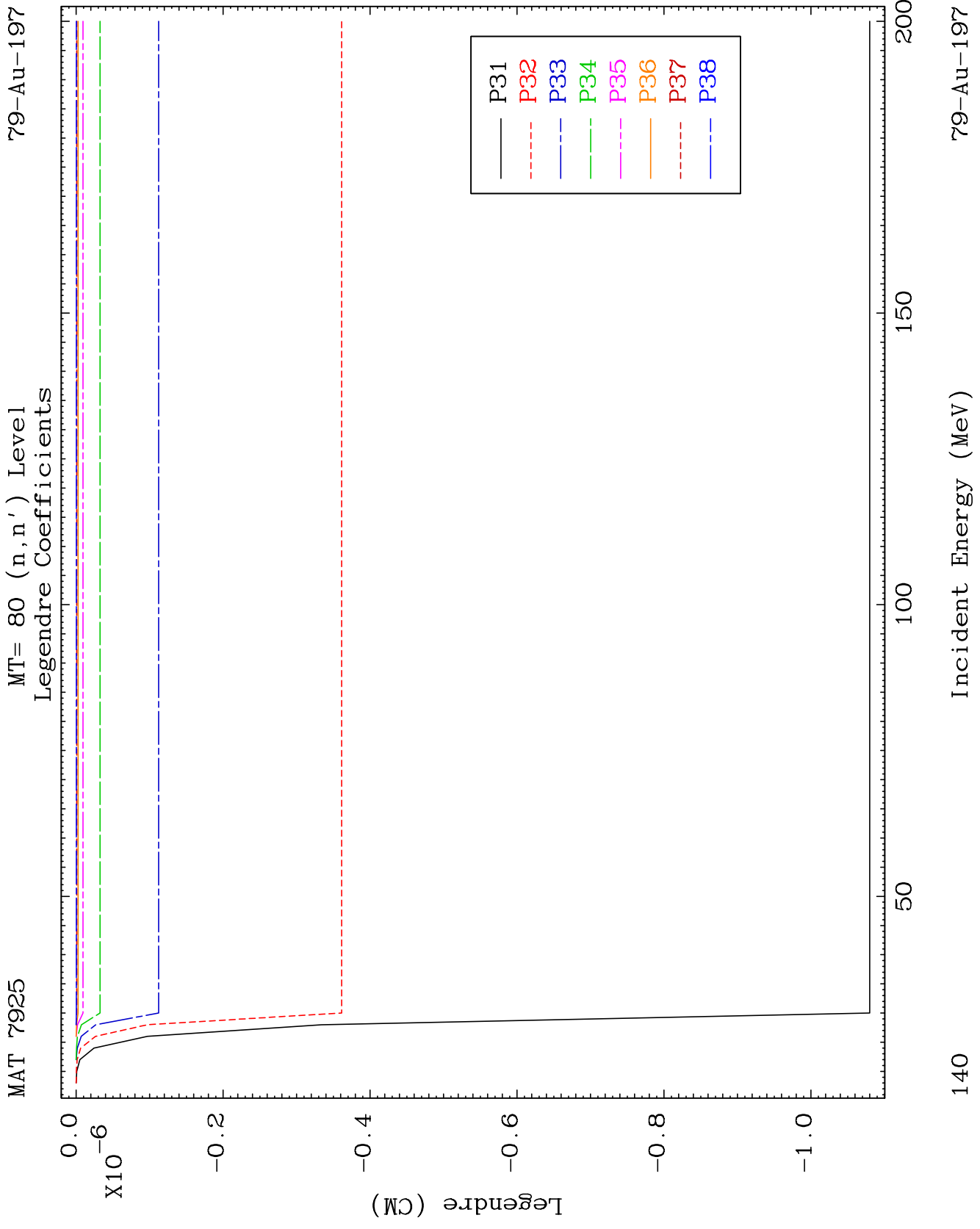


138

Incident Energy (MeV)

79-Au-197

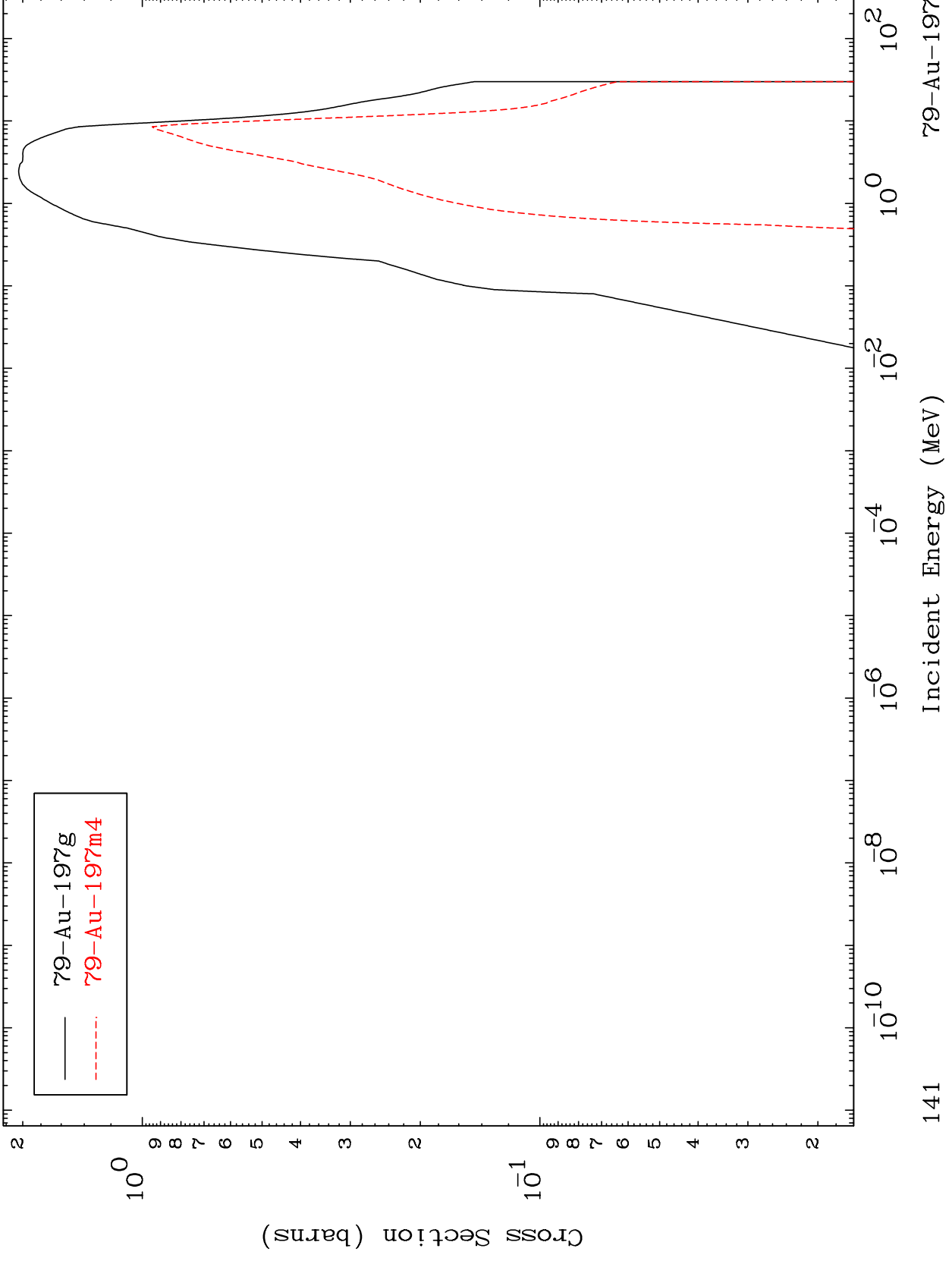




MAT 7925

Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-197

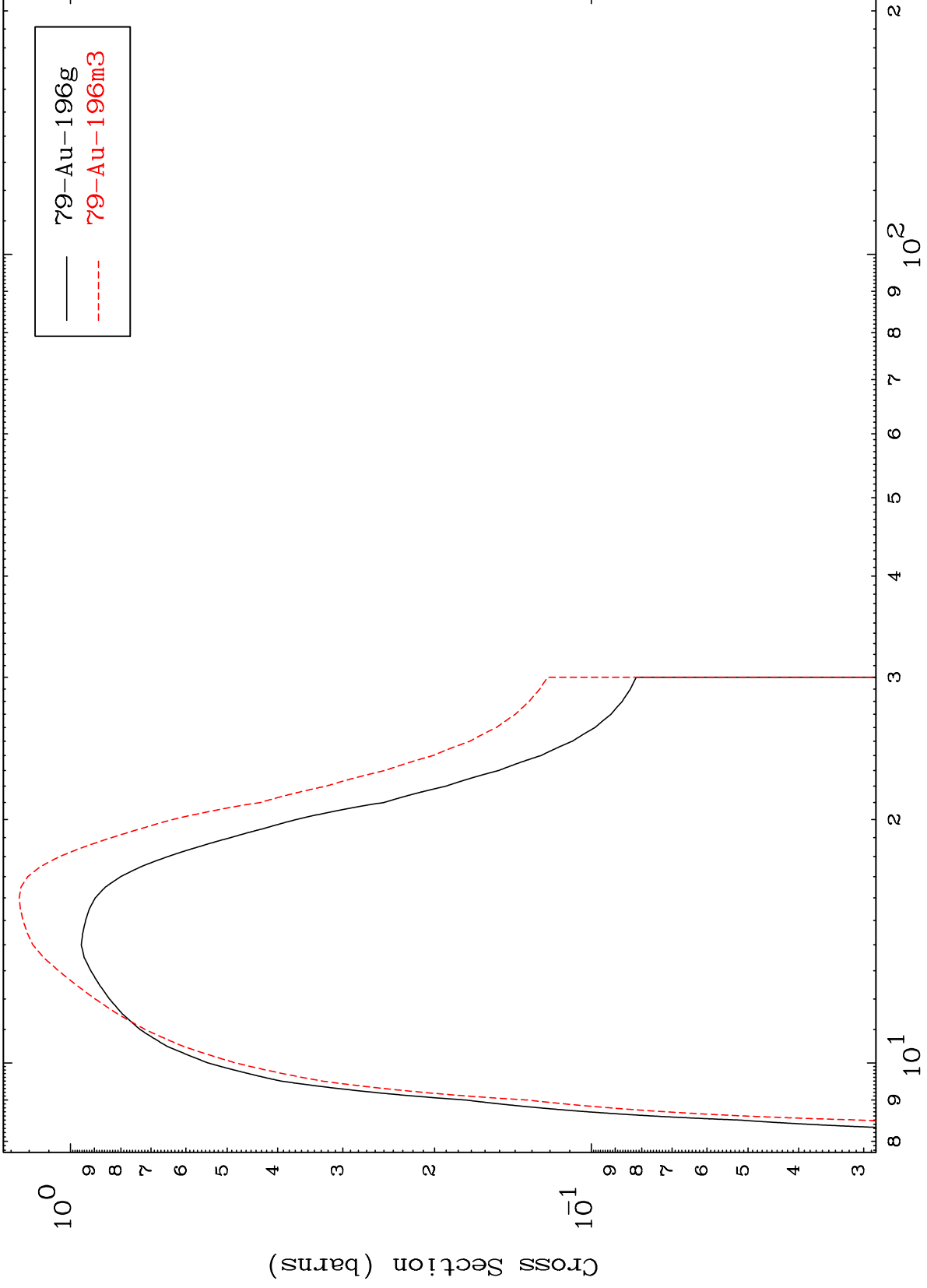


— 79-Au-197g  
- - - 79-Au-197m4

MAT 7925

79-Au-197

(n,2n)  
Radionuclide Production Cross Section



142

Incident Energy (MeV)

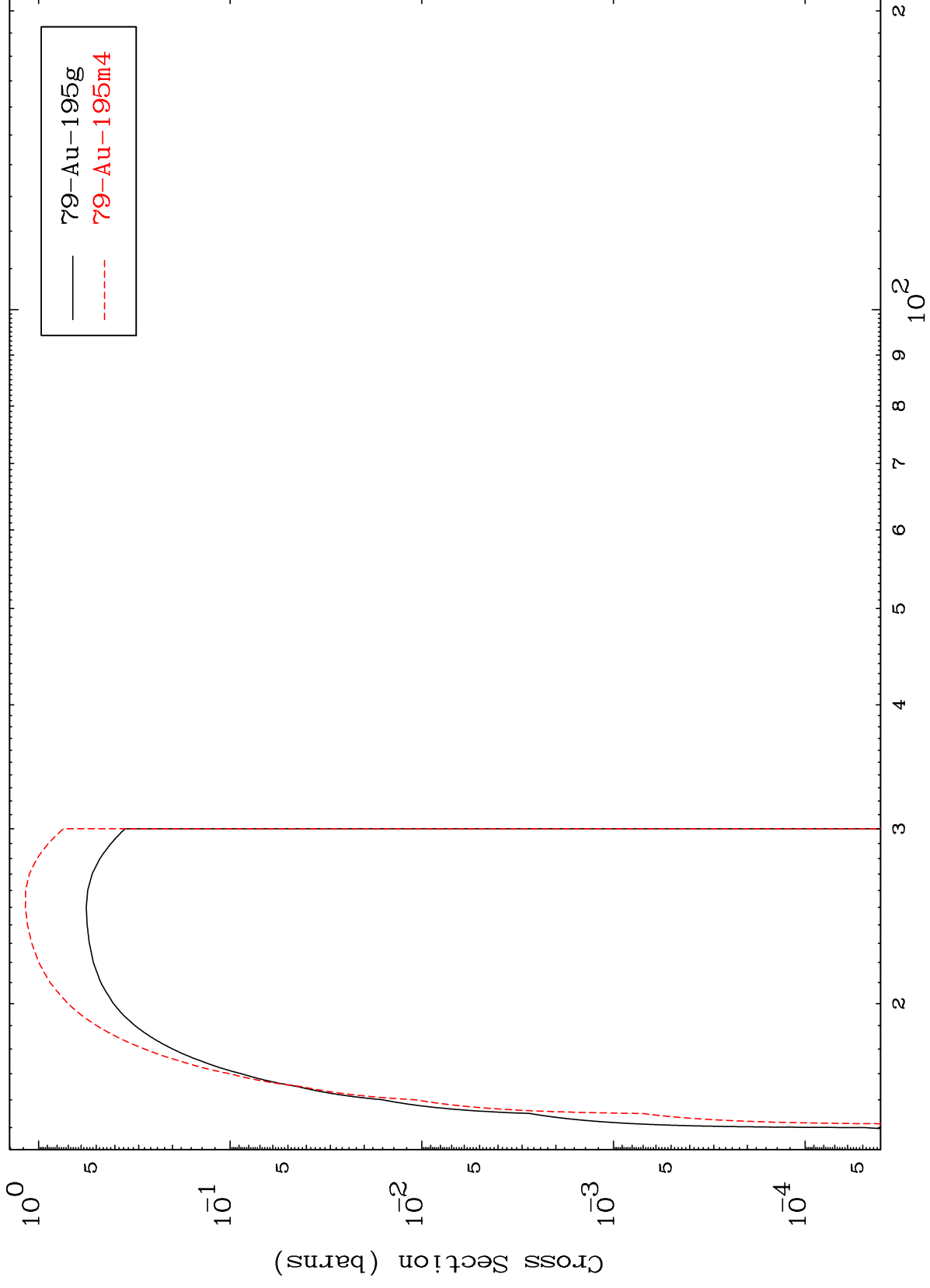
79-Au-197

MAT 7925

(n,3n)

79-Au-197

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

143

Incident Energy (MeV)

79-Au-197

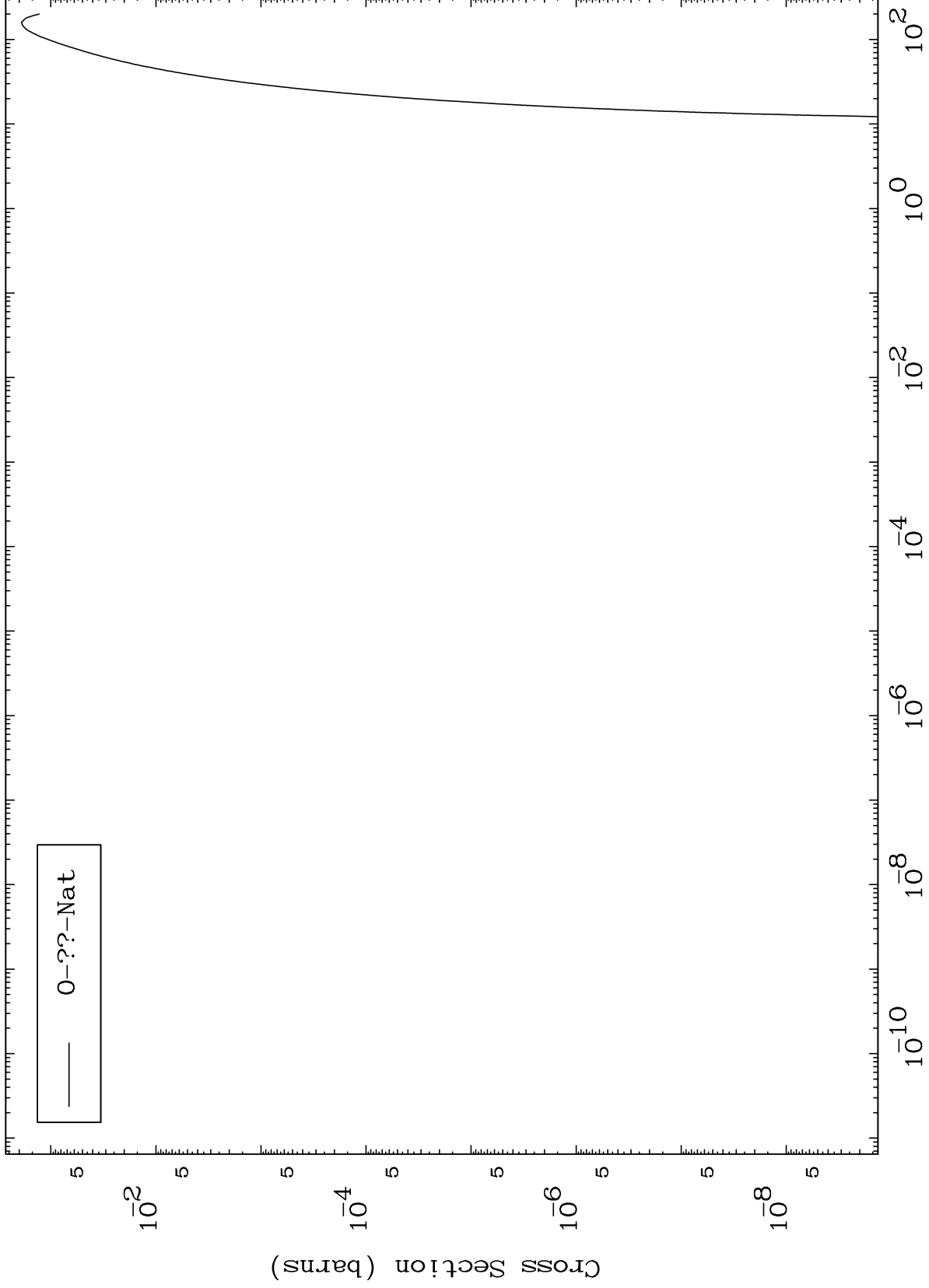


MAT 7925

Fission

79-Au-197

Radionuclide Production Cross Section



144

Incident Energy (MeV)

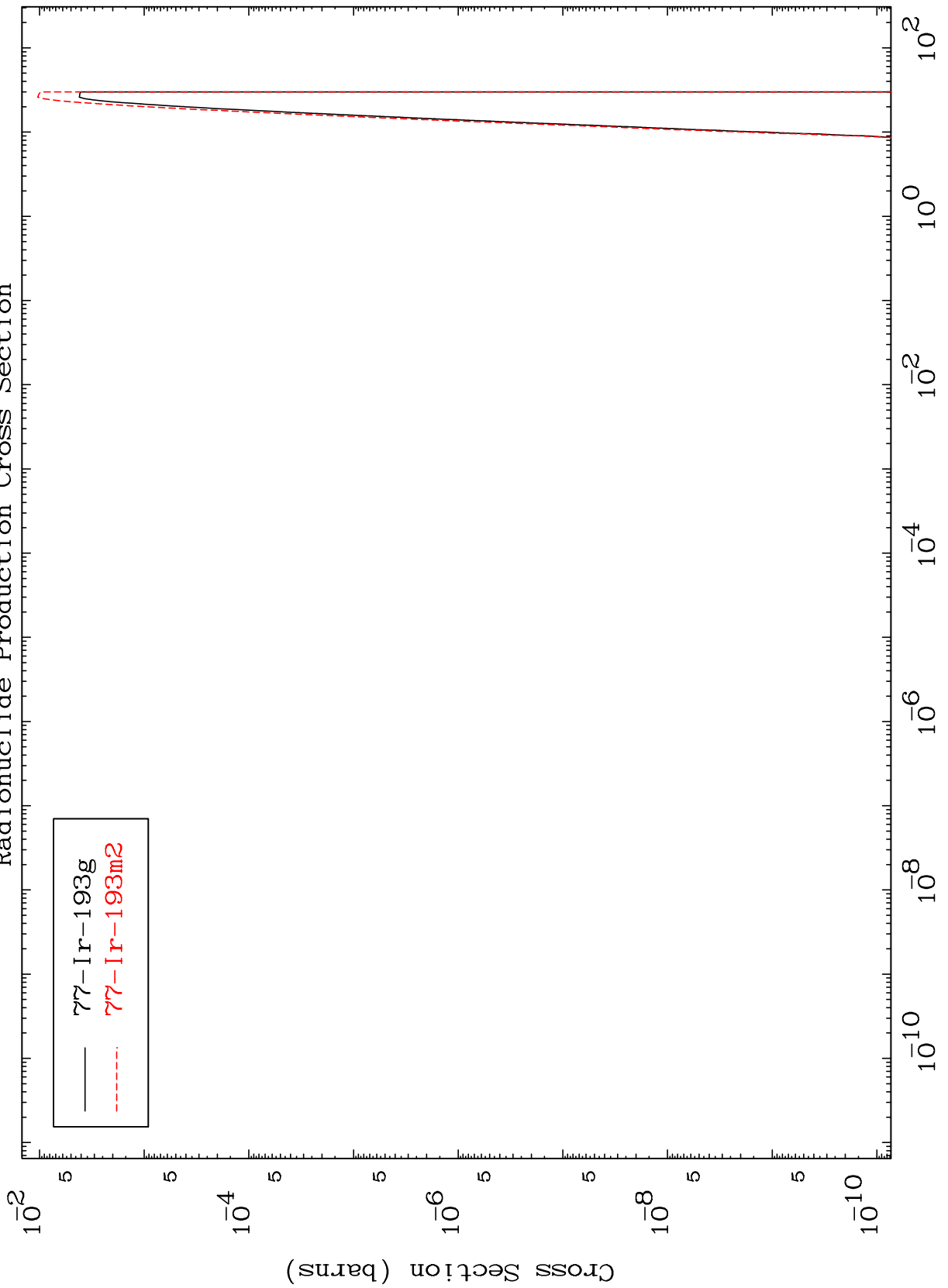
79-Au-197

MAT 7925

$(n, n') \alpha$

79-Au-197

Radionuclide Production Cross Section

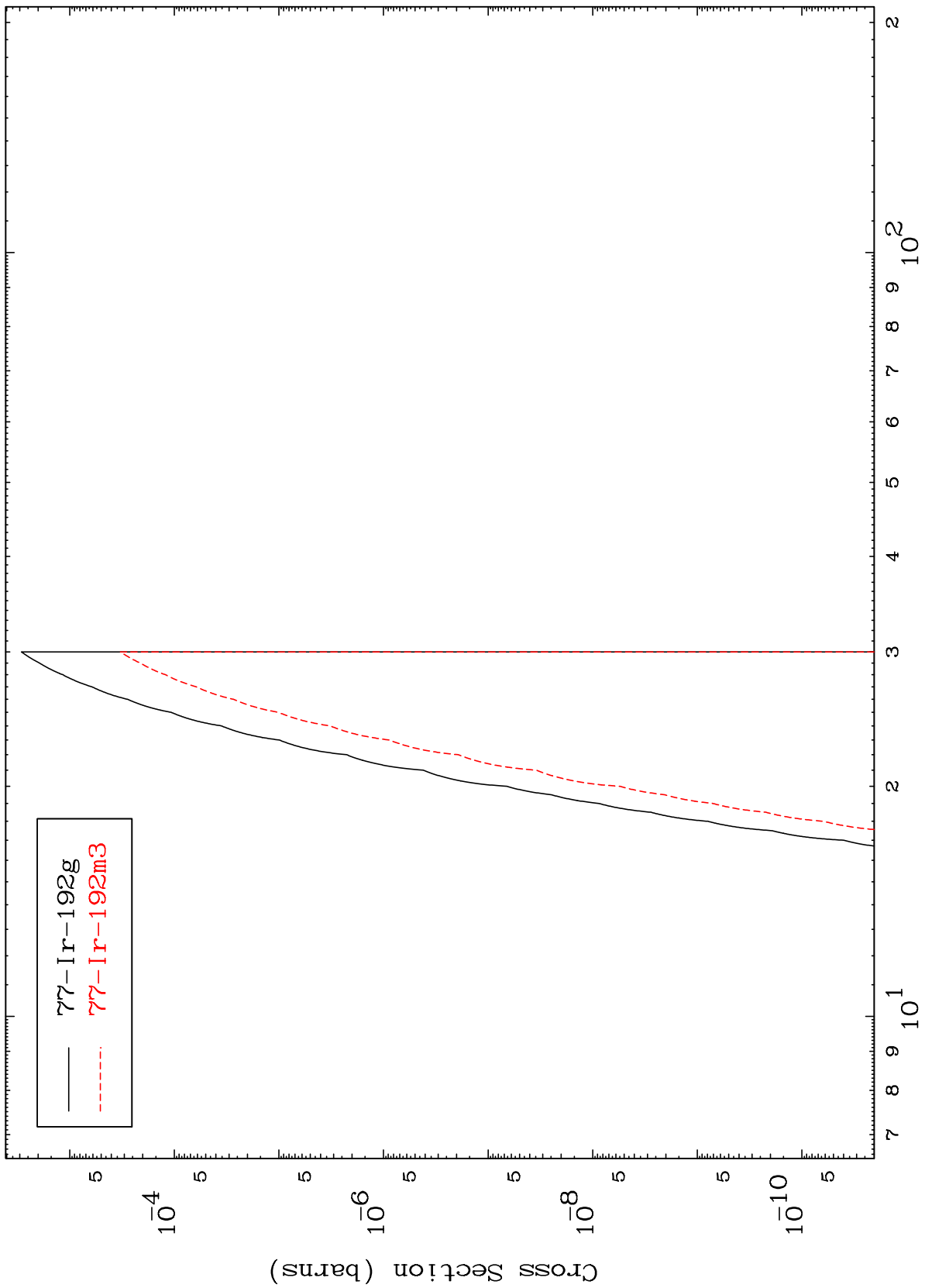


MAT 7925

(n,2n)  $\alpha$

79-Au-197

Radionuclide Production Cross Section



77-Ir-192g  
77-Ir-192m3

146

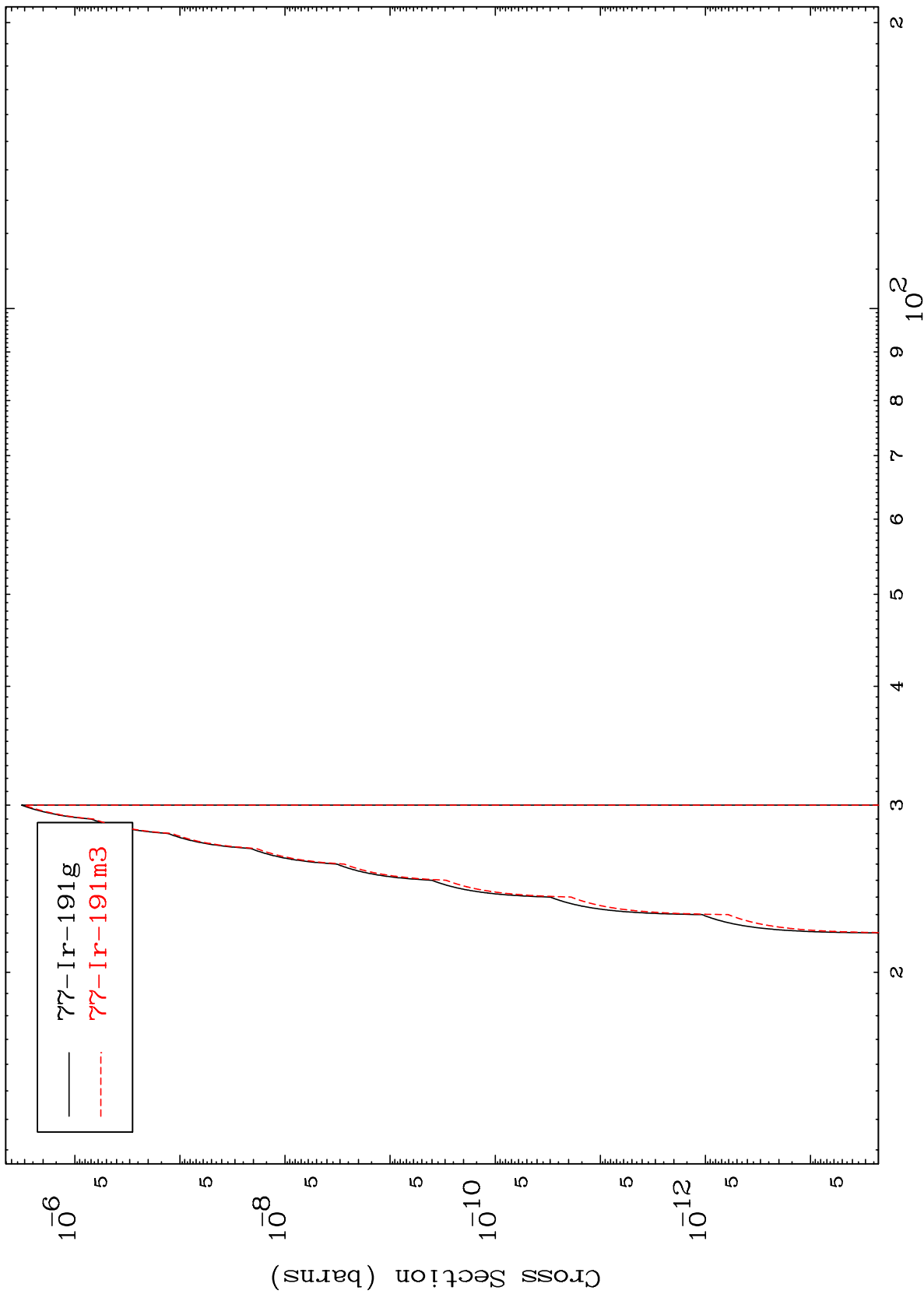
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

Radionuclide Production Cross Section  
(n,3n)  $\alpha$

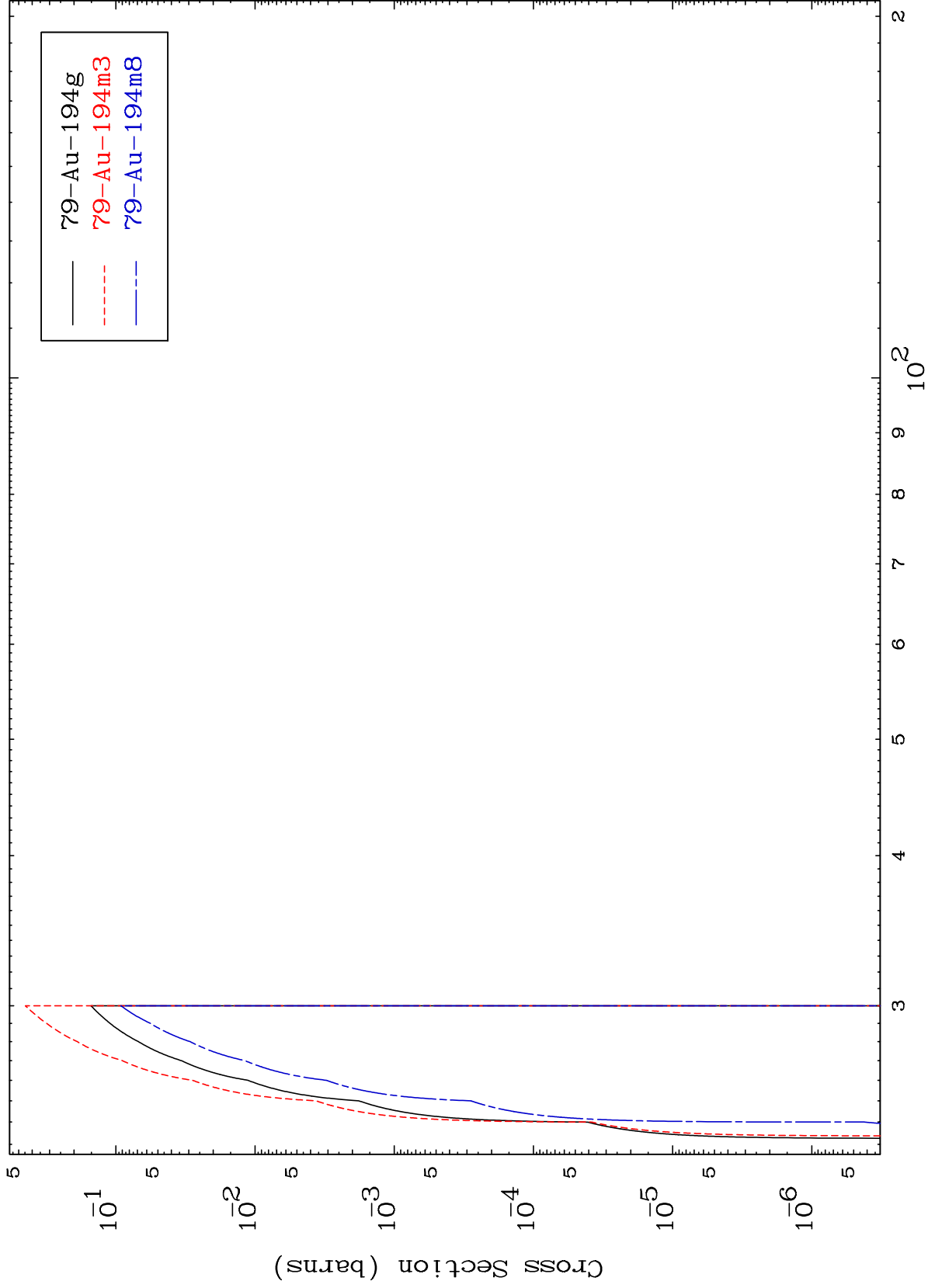


147

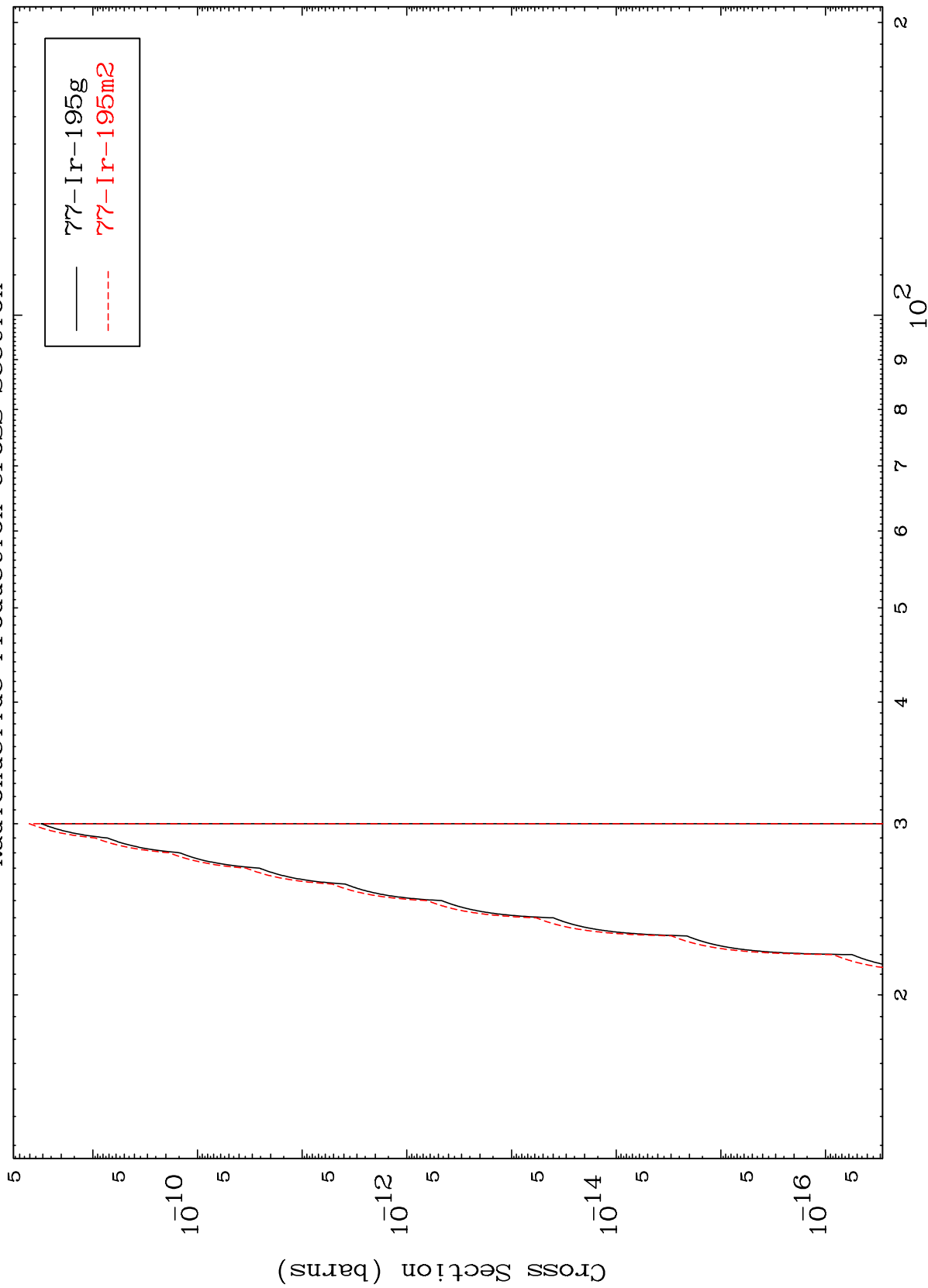
79-Au-197

Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

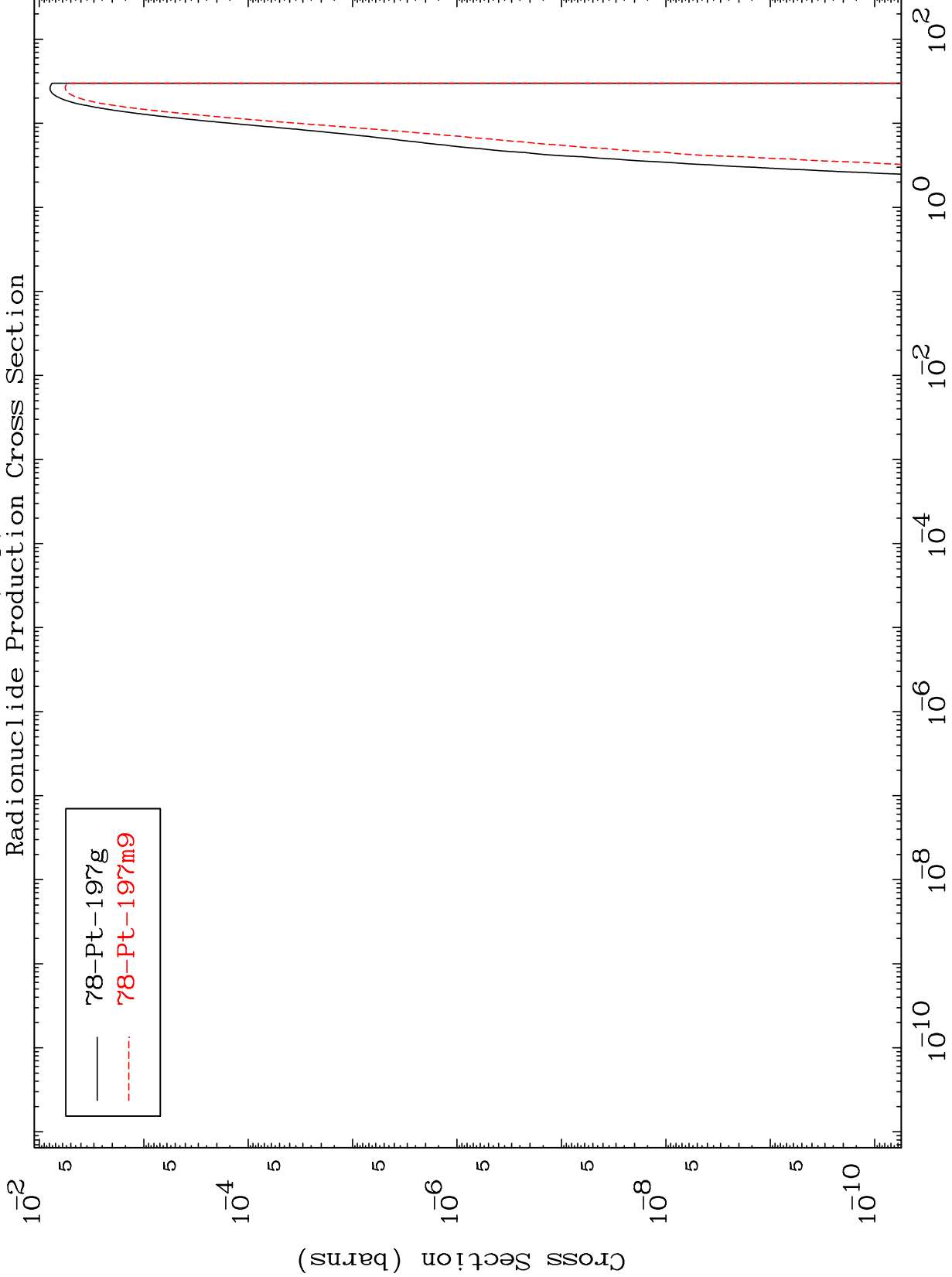


MAT 7925

(n,p)

<sup>79</sup>Au-197

Radionuclide Production Cross Section



— 78-Pt-197g  
- - - 78-Pt-197m9

150

Incident Energy (MeV)

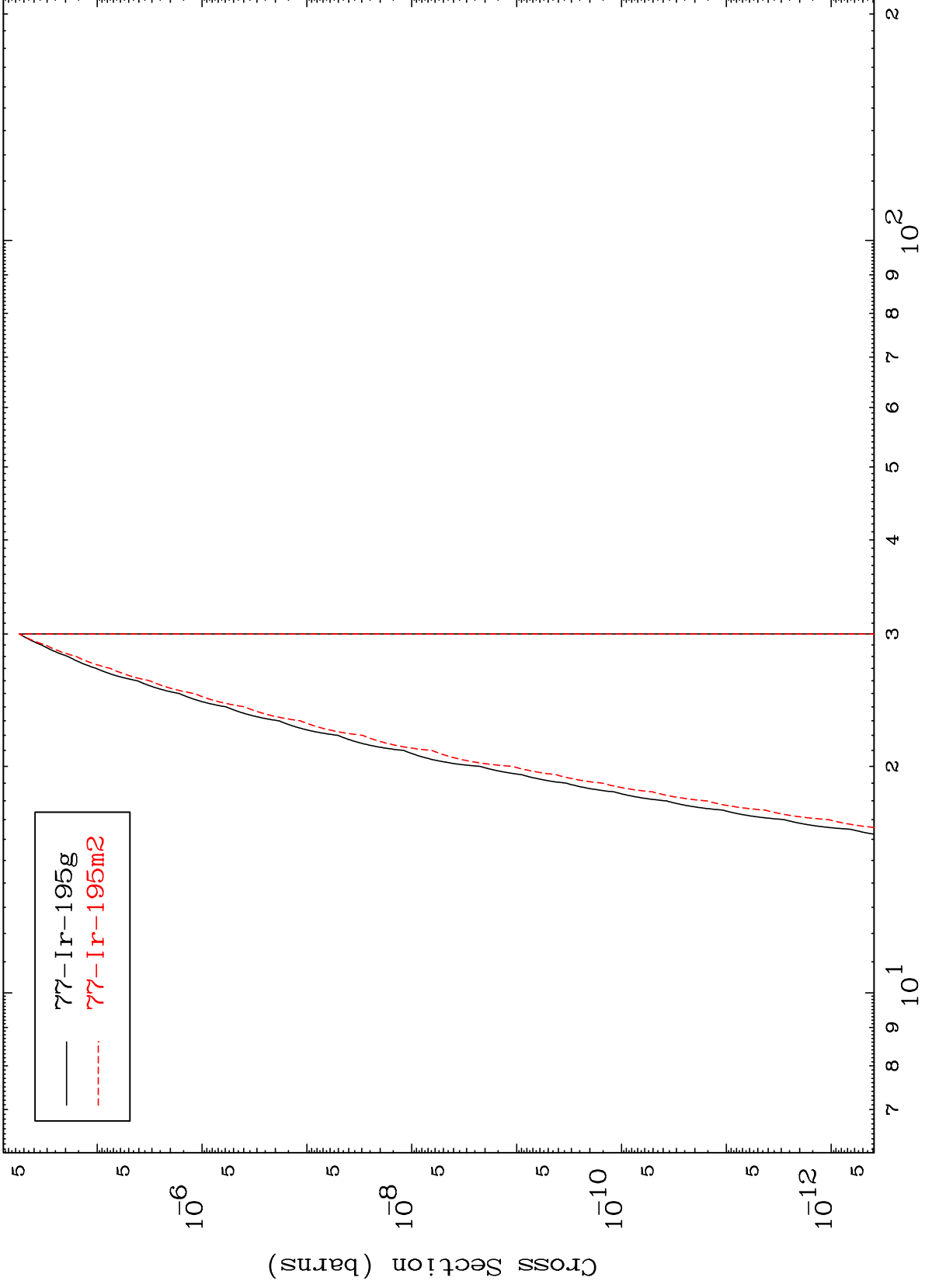
<sup>79</sup>Au-197

MAT 7925

(n,He-3)

79-Au-197

Radionuclide Production Cross Section



151

Incident Energy (MeV)

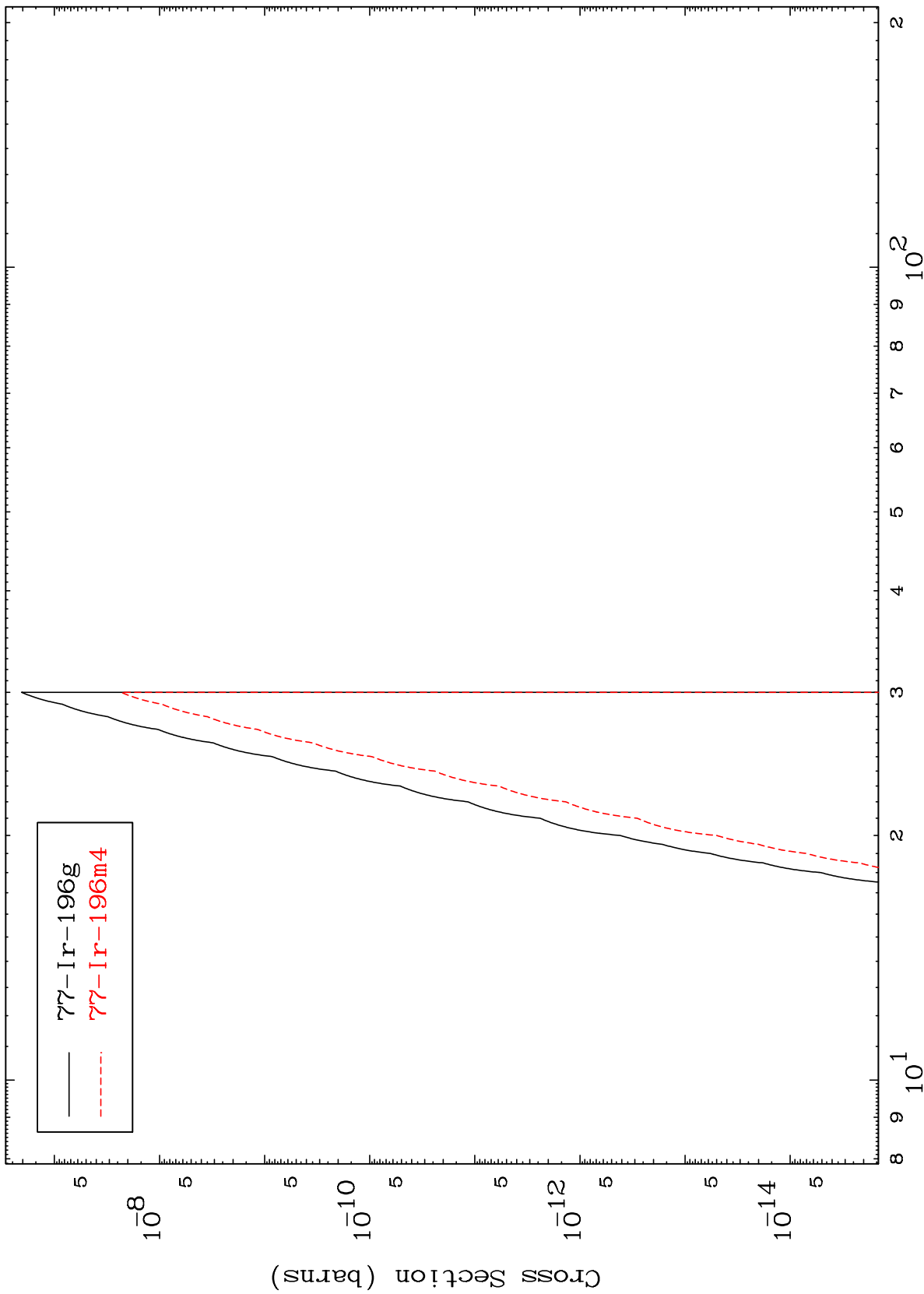
79-Au-197



MAT 7925

79-Au-197

(n,2p)  
Radionuclide Production Cross Section



77-Ir-196g  
77-Ir-196m4

79-Au-197

Incident Energy (MeV)

152