

Program EVALPLOT  
(Version 2018-1)

by

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

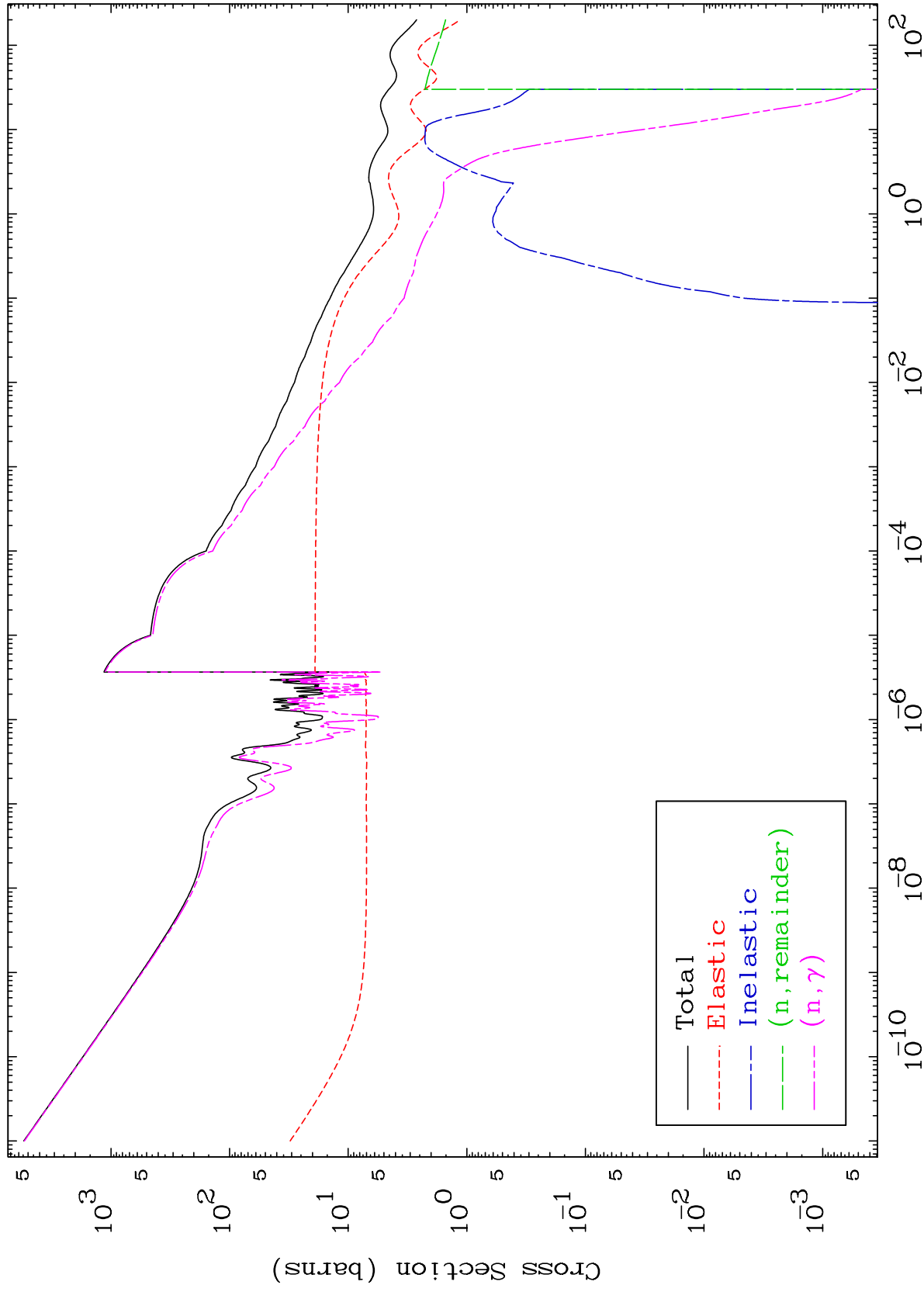
Press Mouse Button to Start

MAT 7489

Major

293 Kelvin Cross Sections

75-Re-173



1

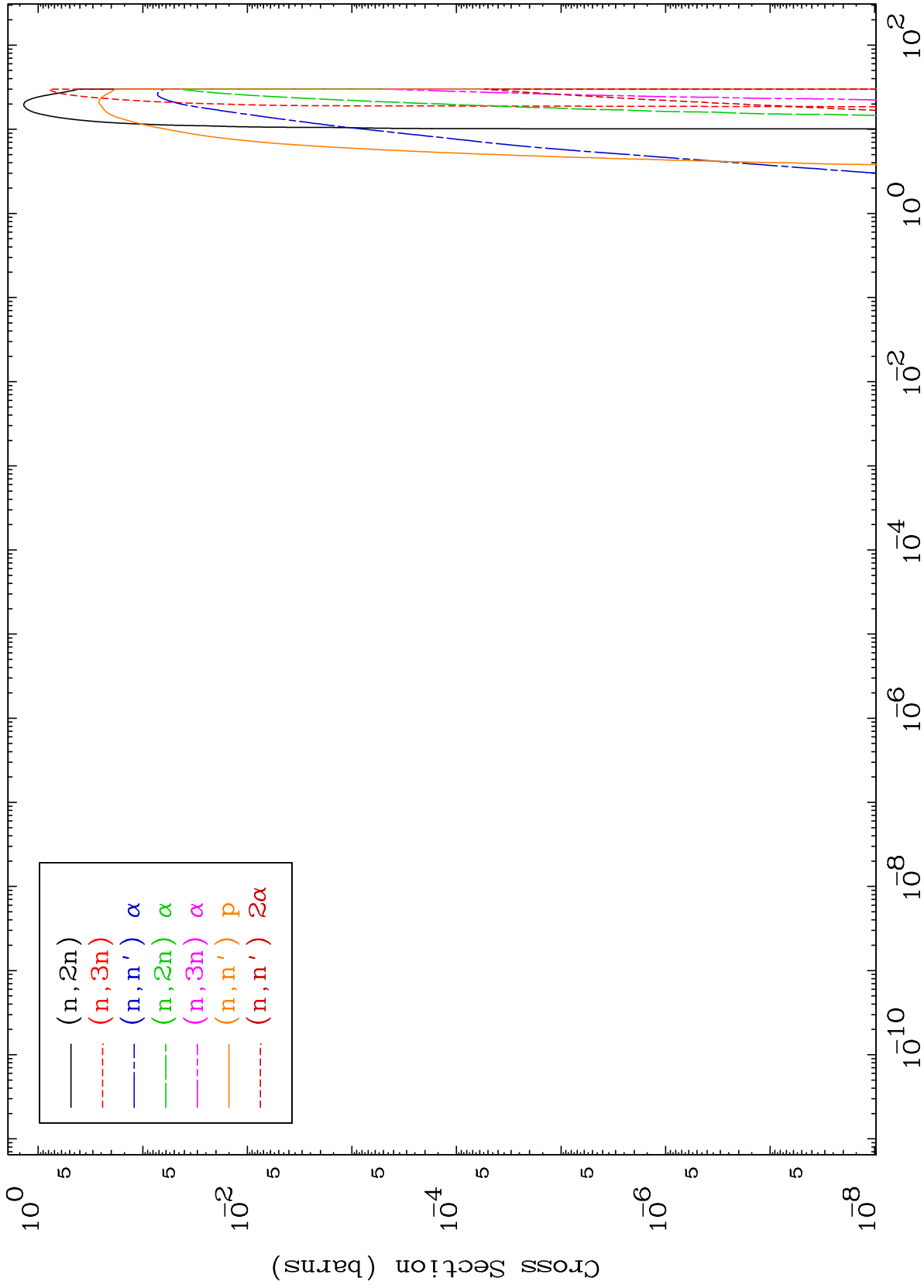
Incident Energy (MeV)

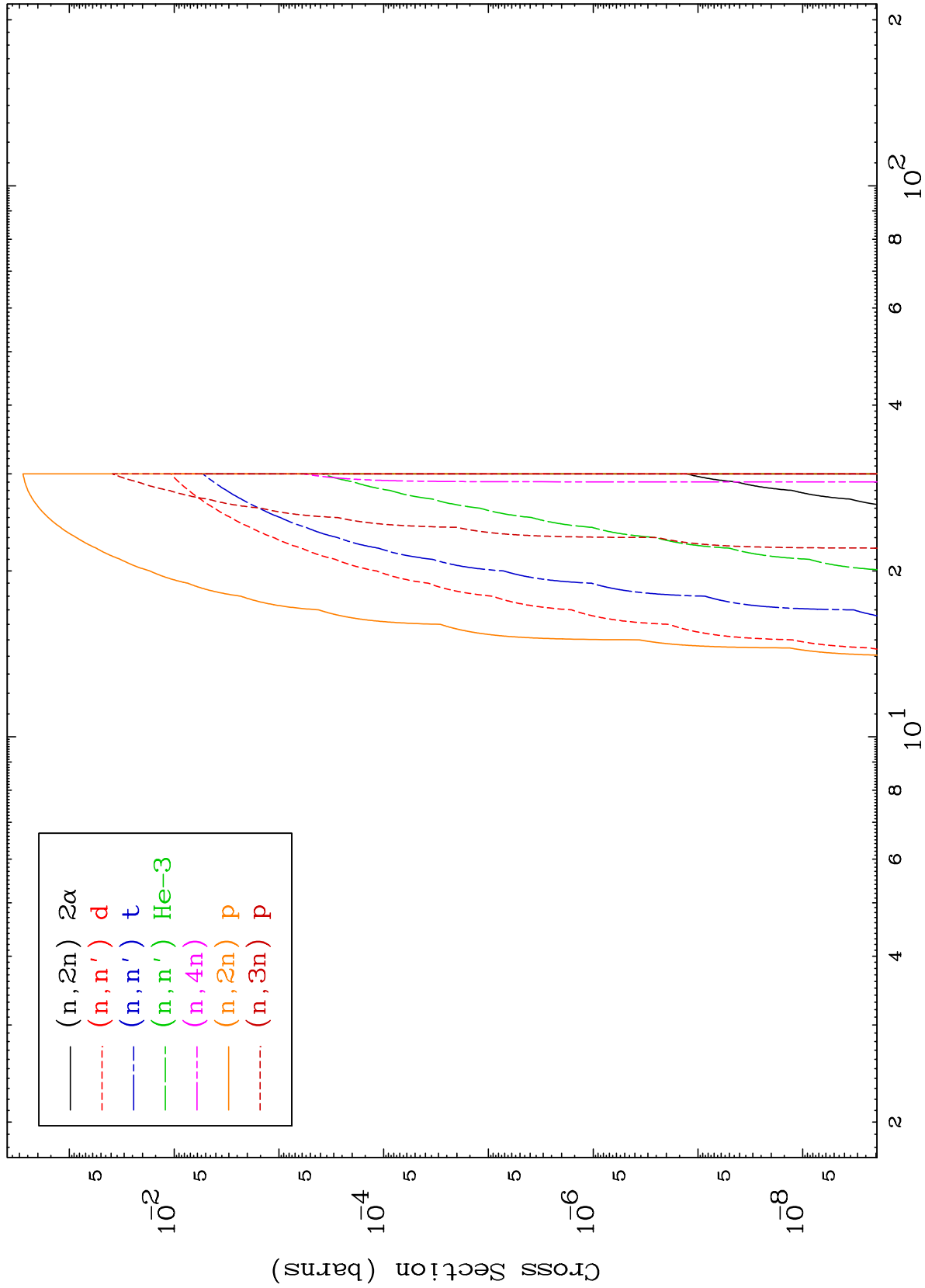
75-Re-173

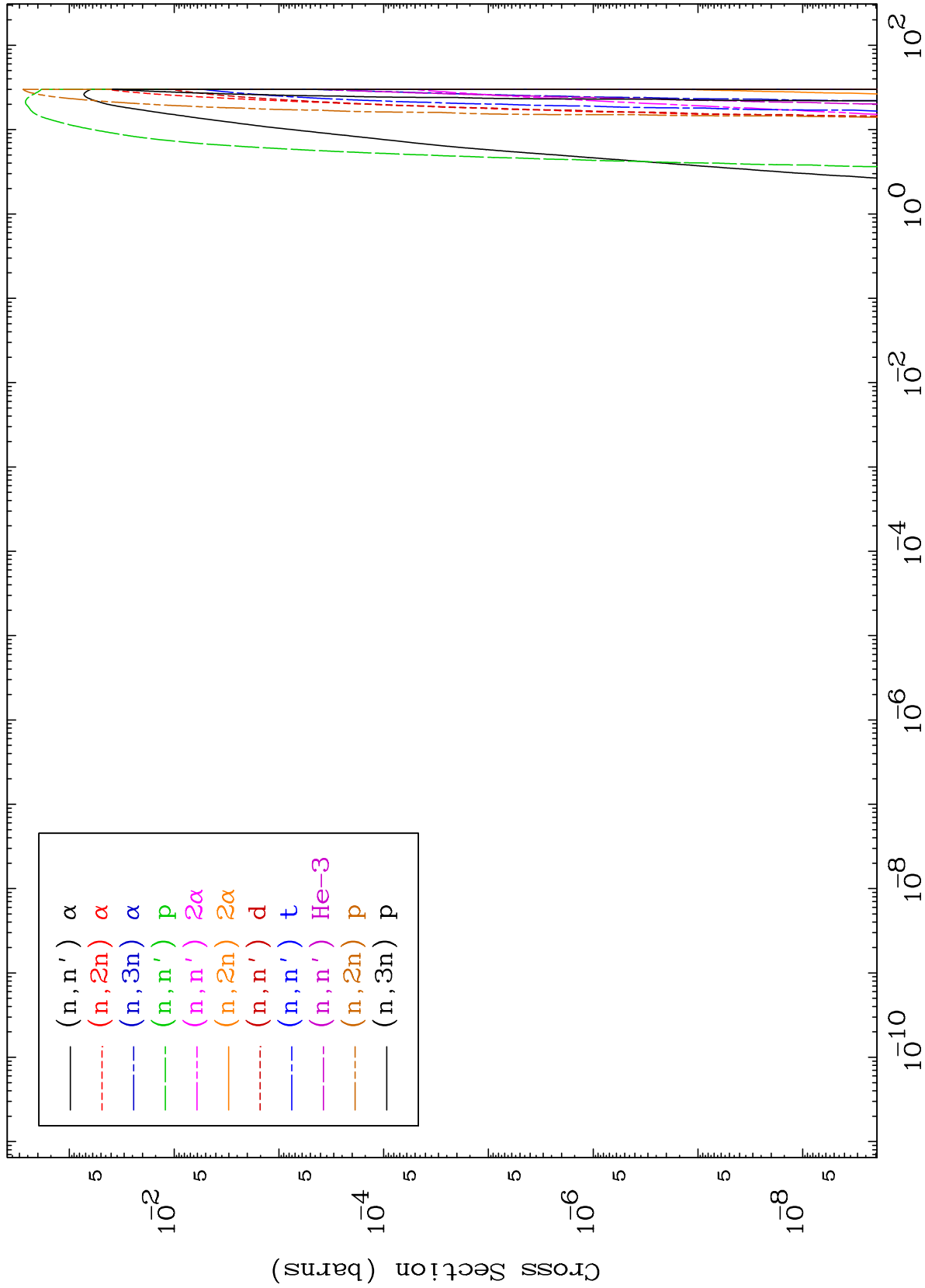
MAT 7489

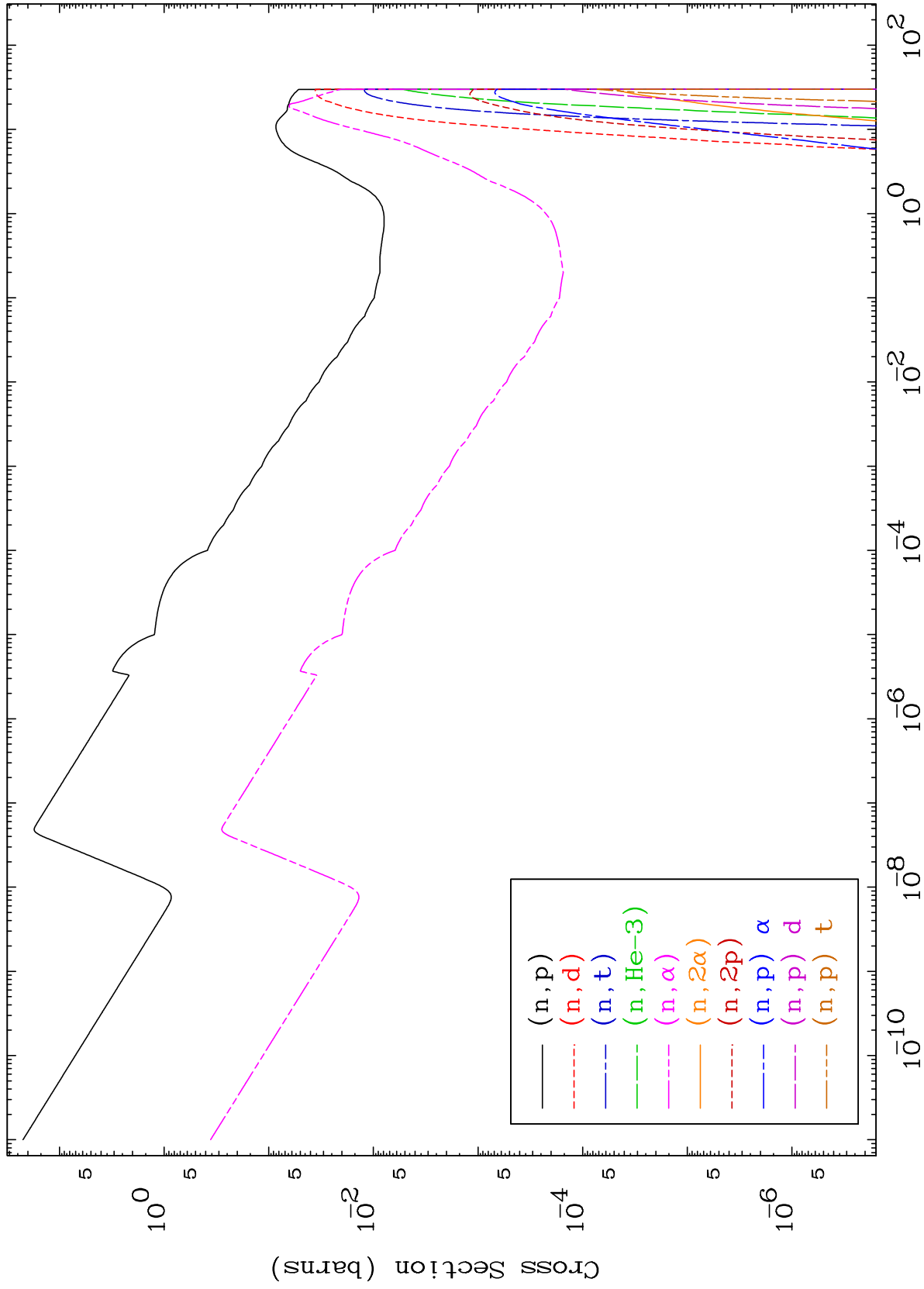
Neutron Production  
293 Kelvin Cross Sections

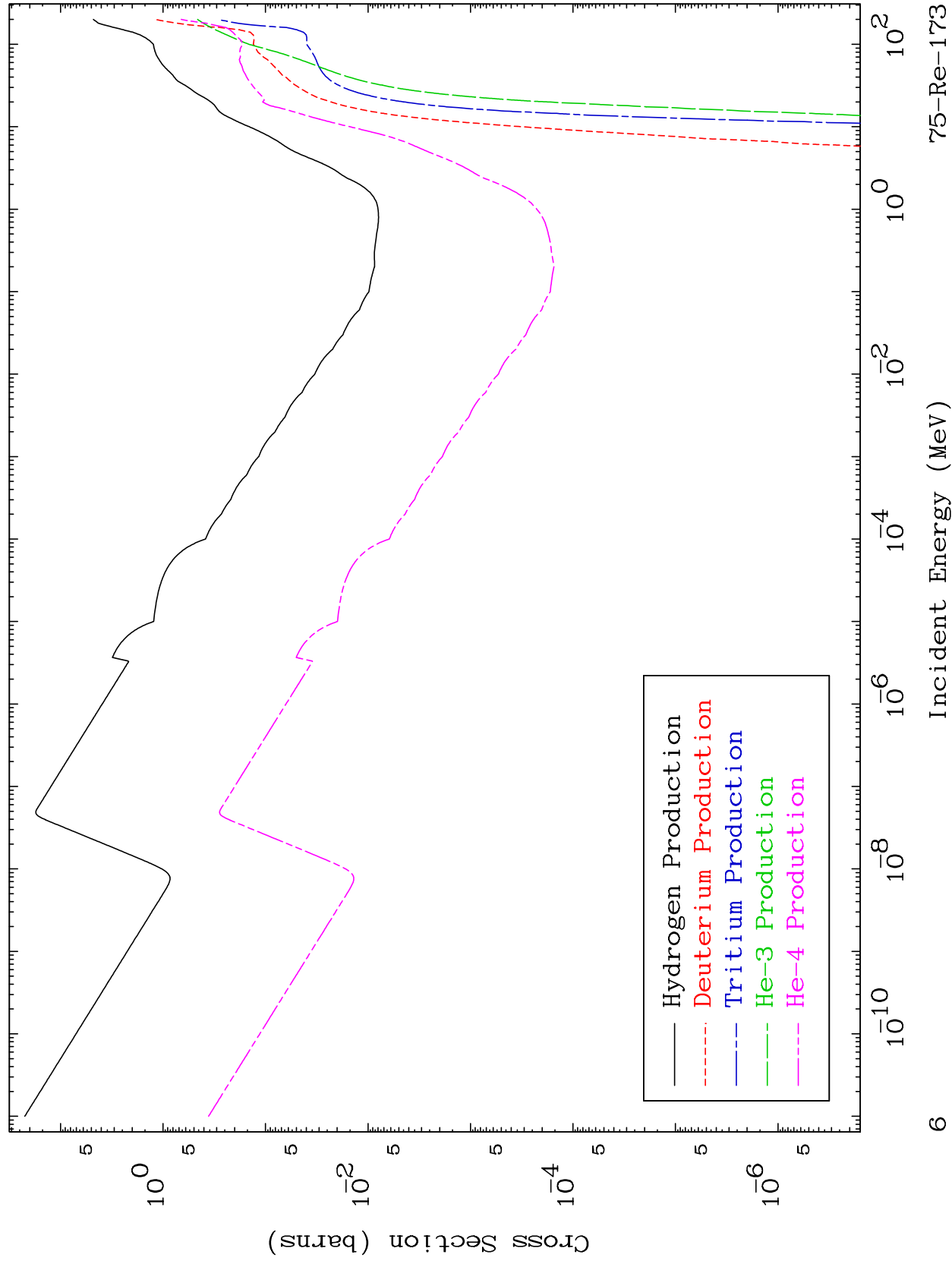
75-Re-173







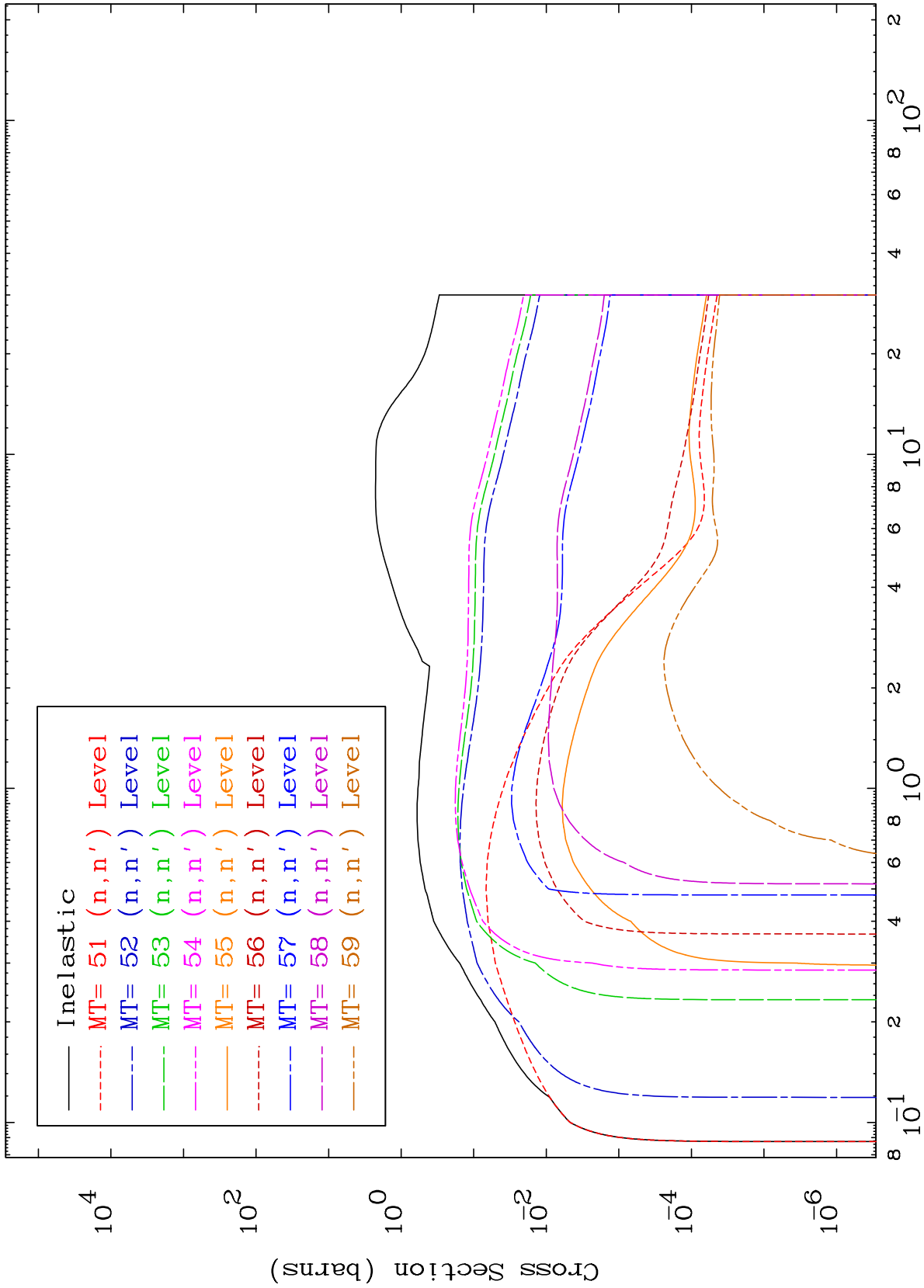




MAT 7489

(n,n') Level  
293 Kelvin Cross Sections

75-Re-173



7

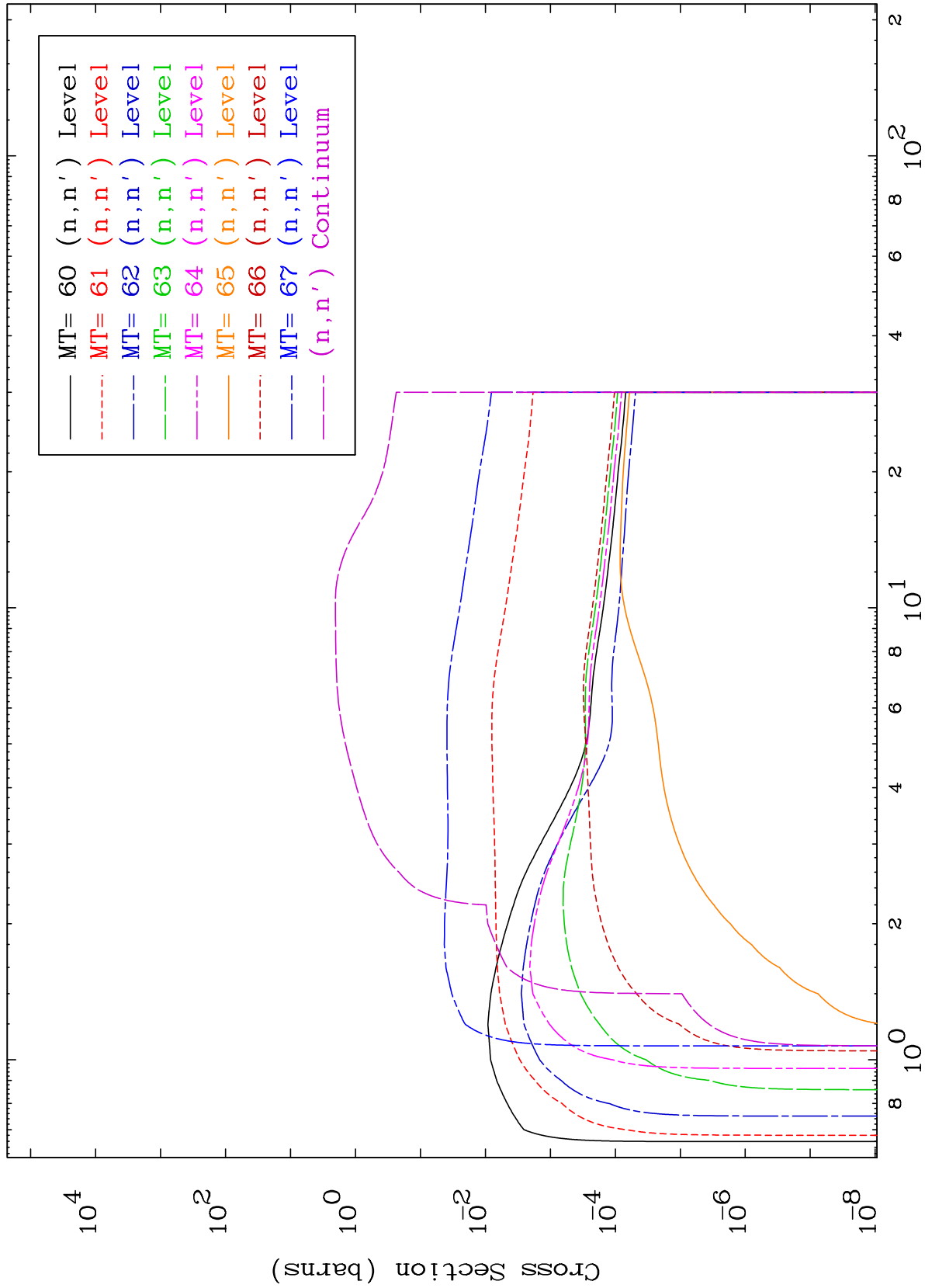
Incident Energy (MeV)

75-Re-173

MAT 7489

(n,n') Level  
293 Kelvin Cross Sections

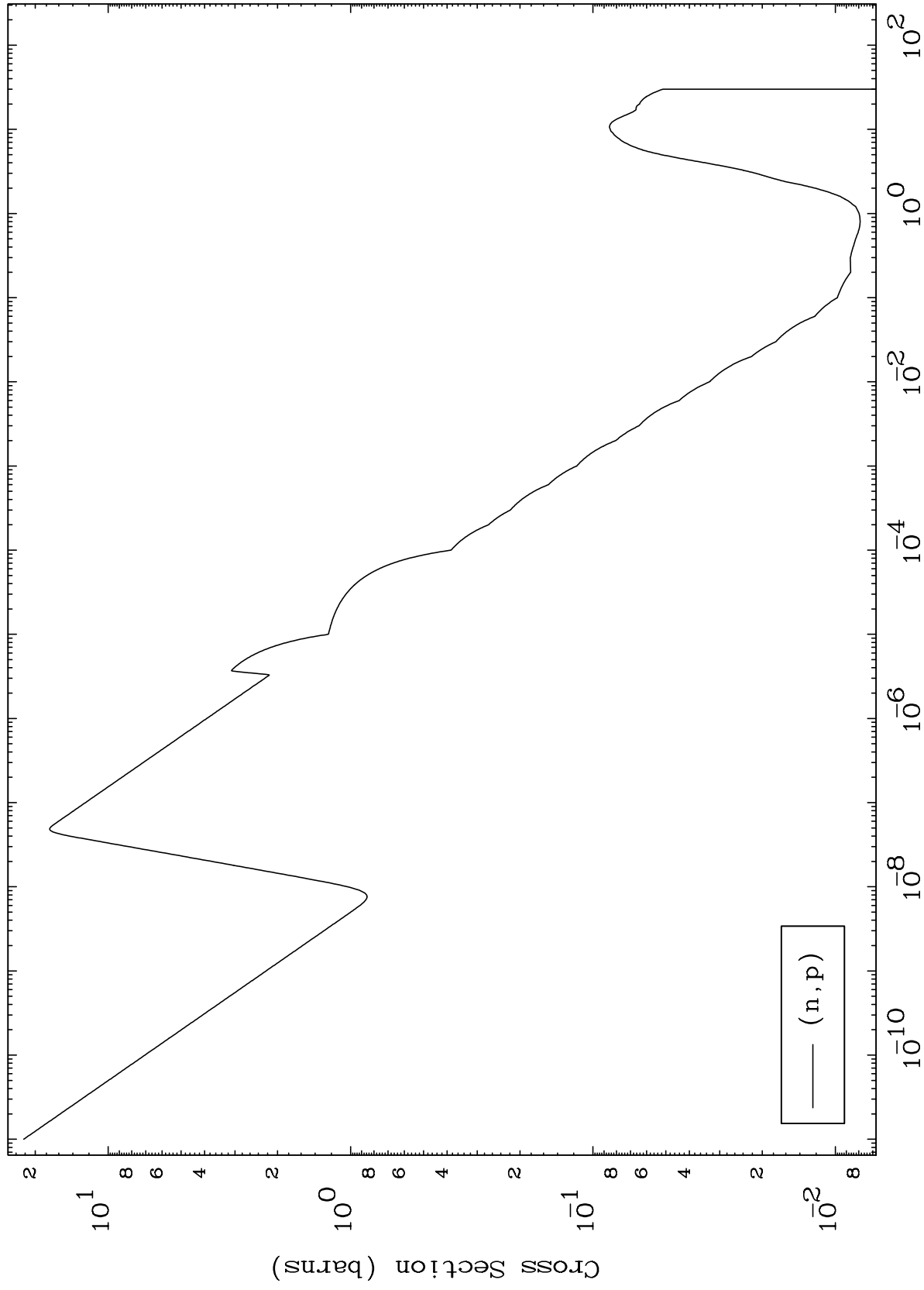
75-Re-173



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Incident Energy (MeV)

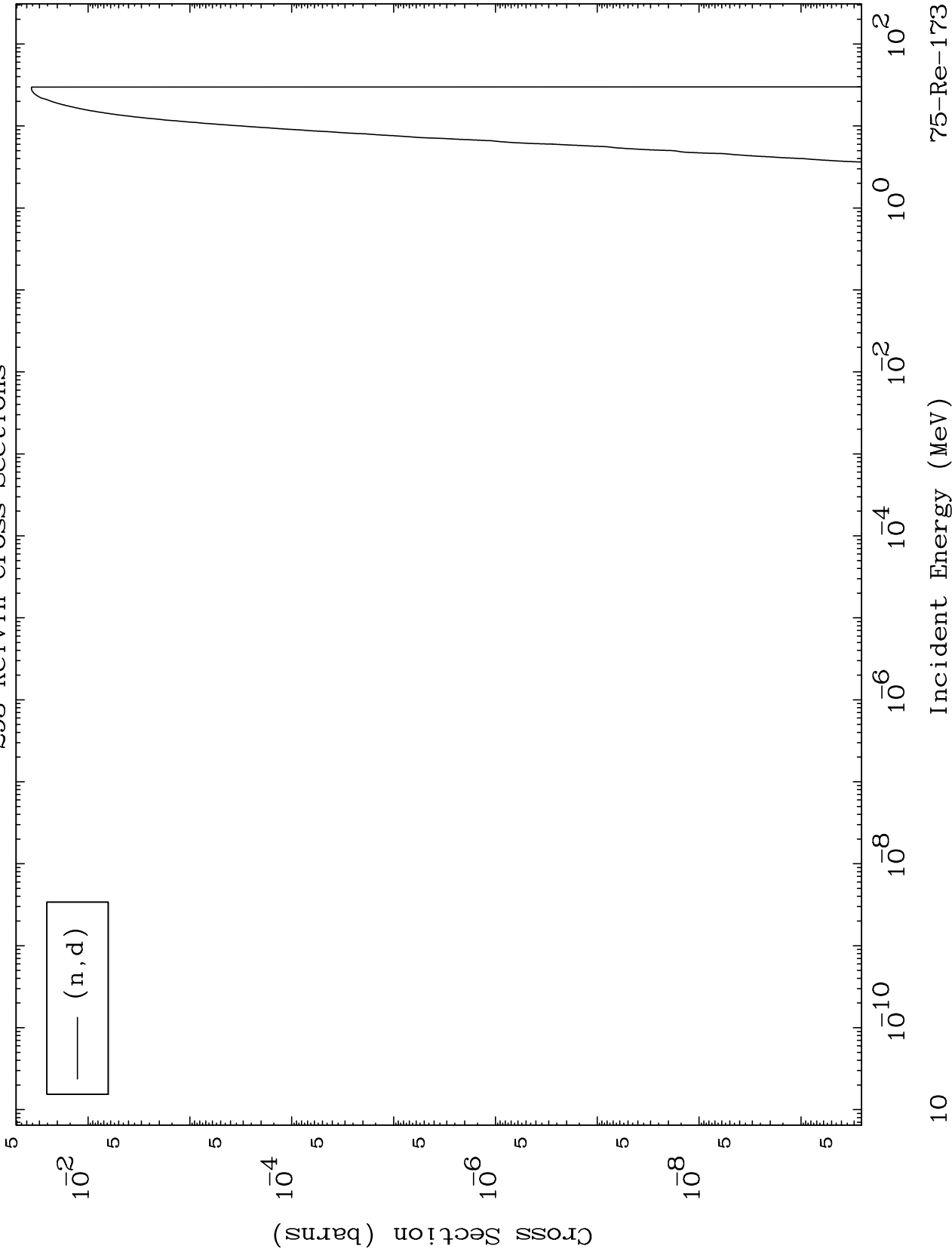
75-Re-173



MAT 7489

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-173

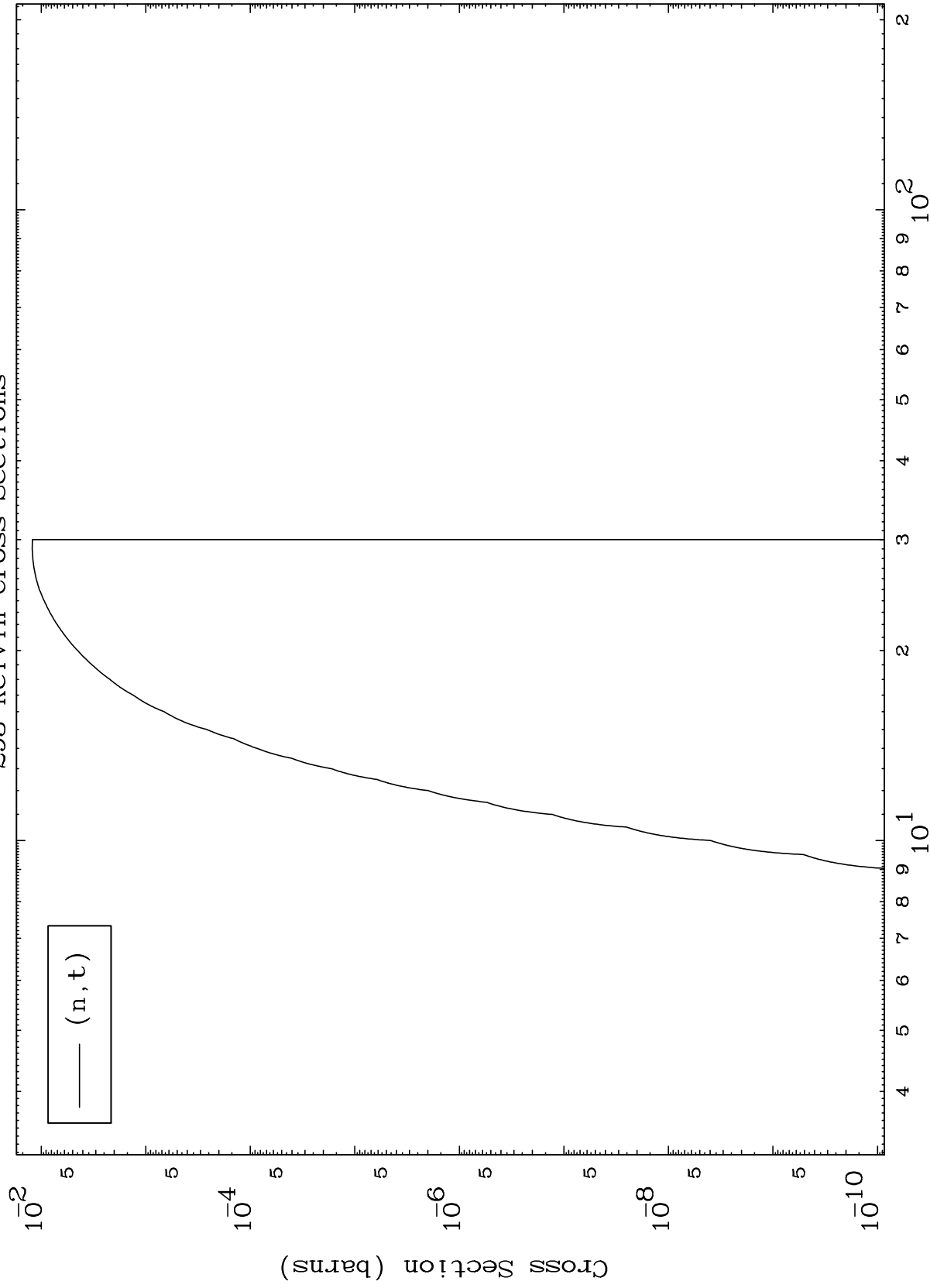


75-Re-173

MAT 7489

75-Re-173

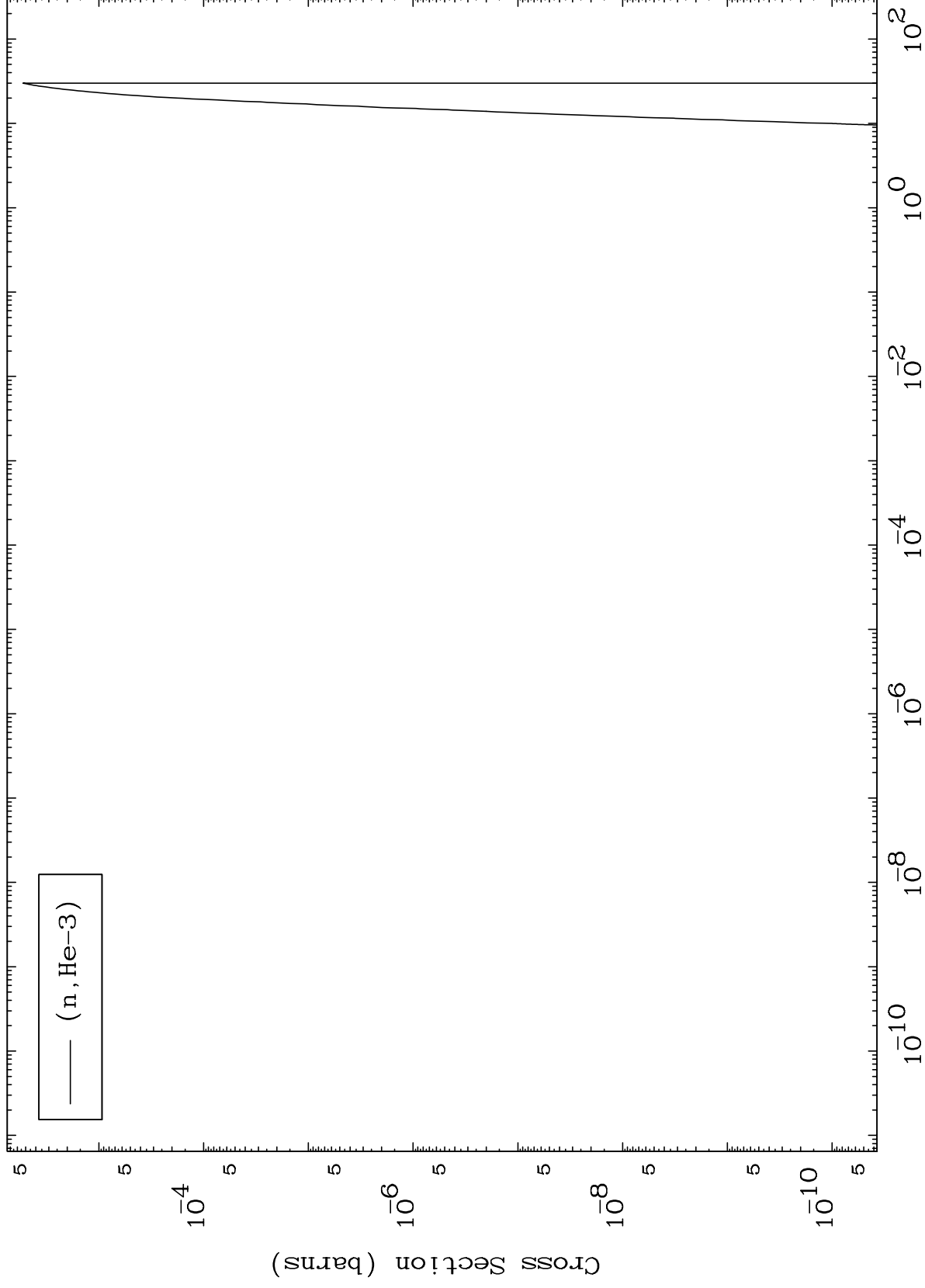
(n,t) Levels  
293 Kelvin Cross Sections



MAT 7489

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-173



12

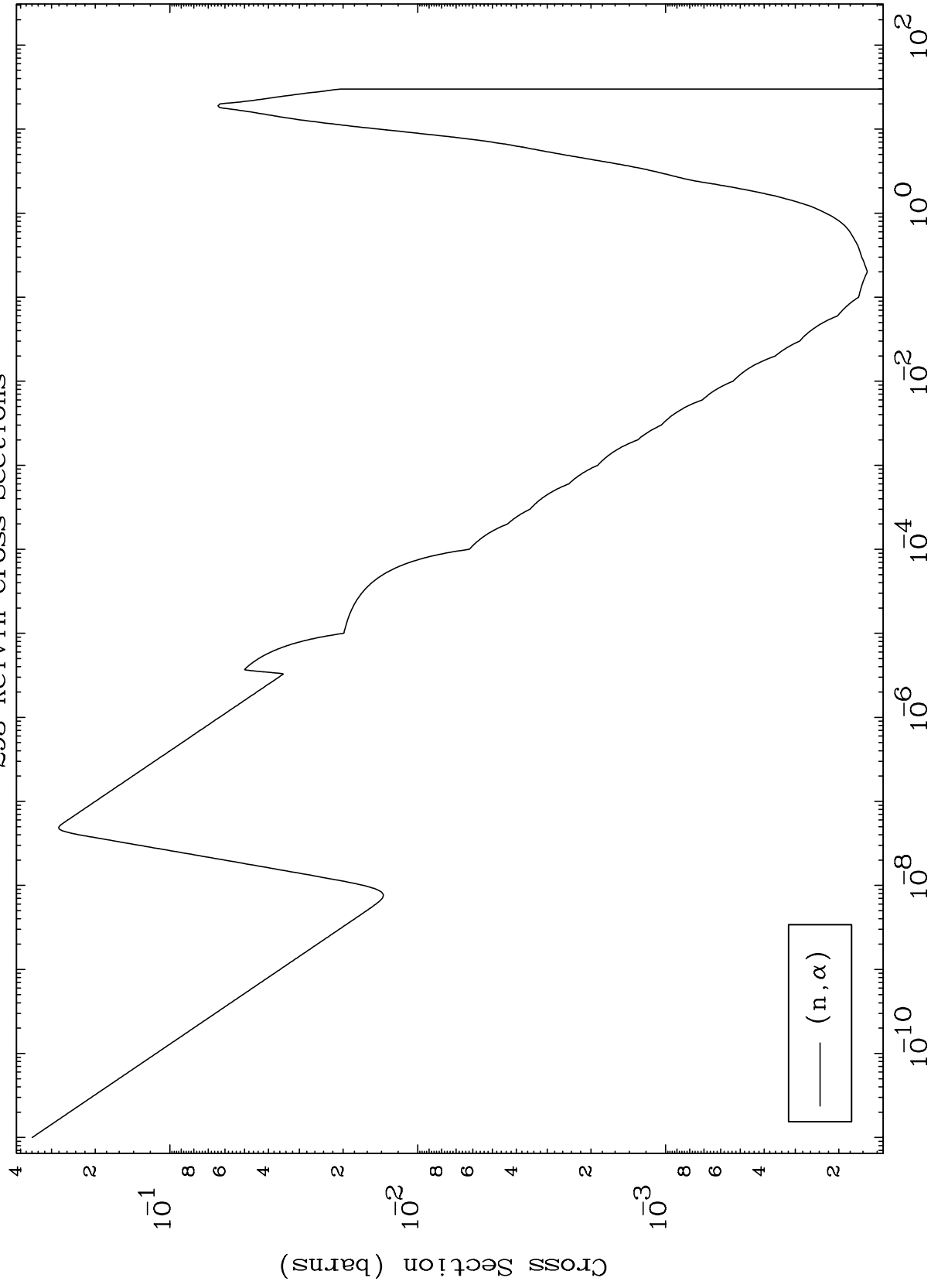
Incident Energy (MeV)

75-Re-173

MAT 7489

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

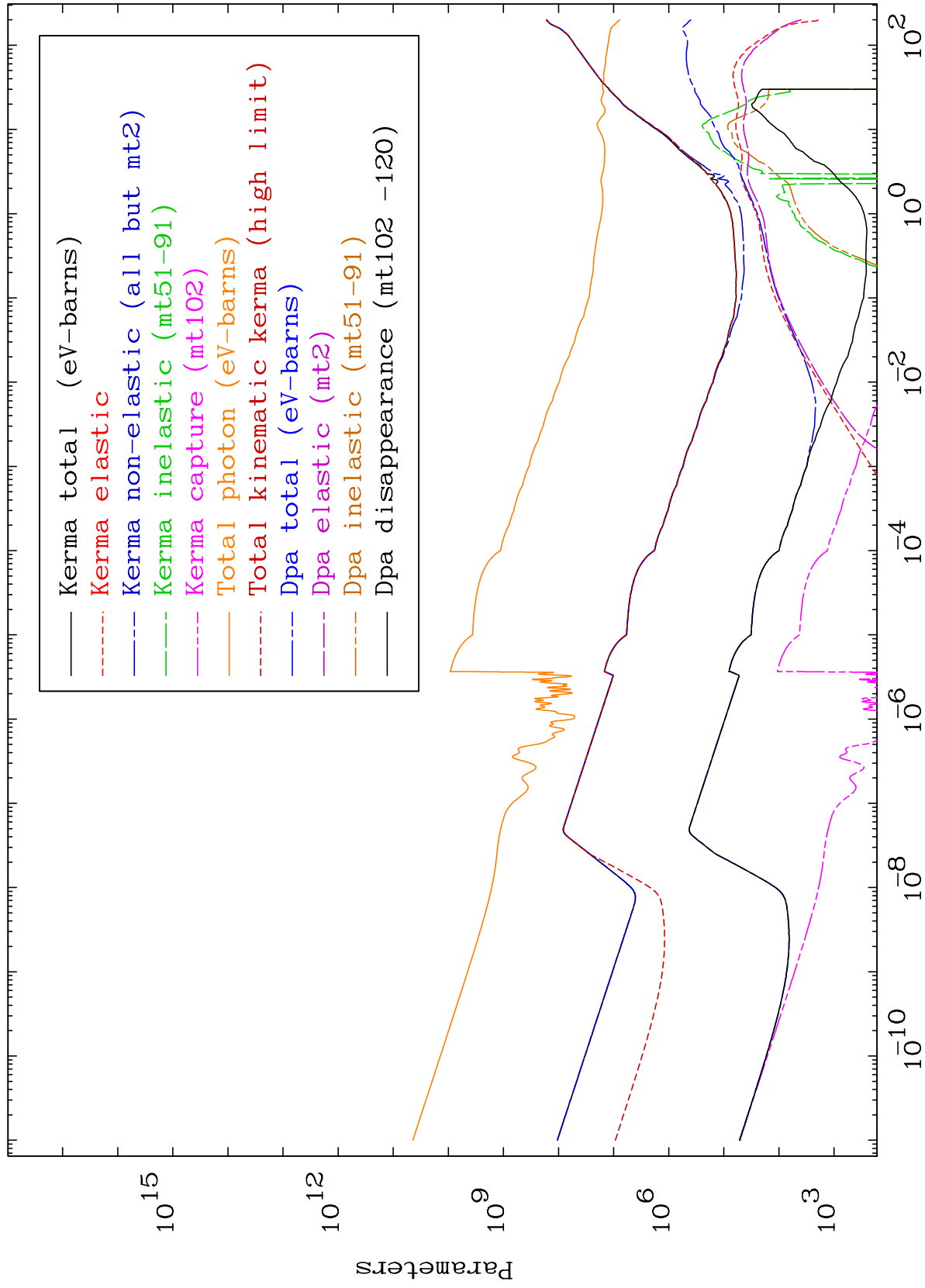
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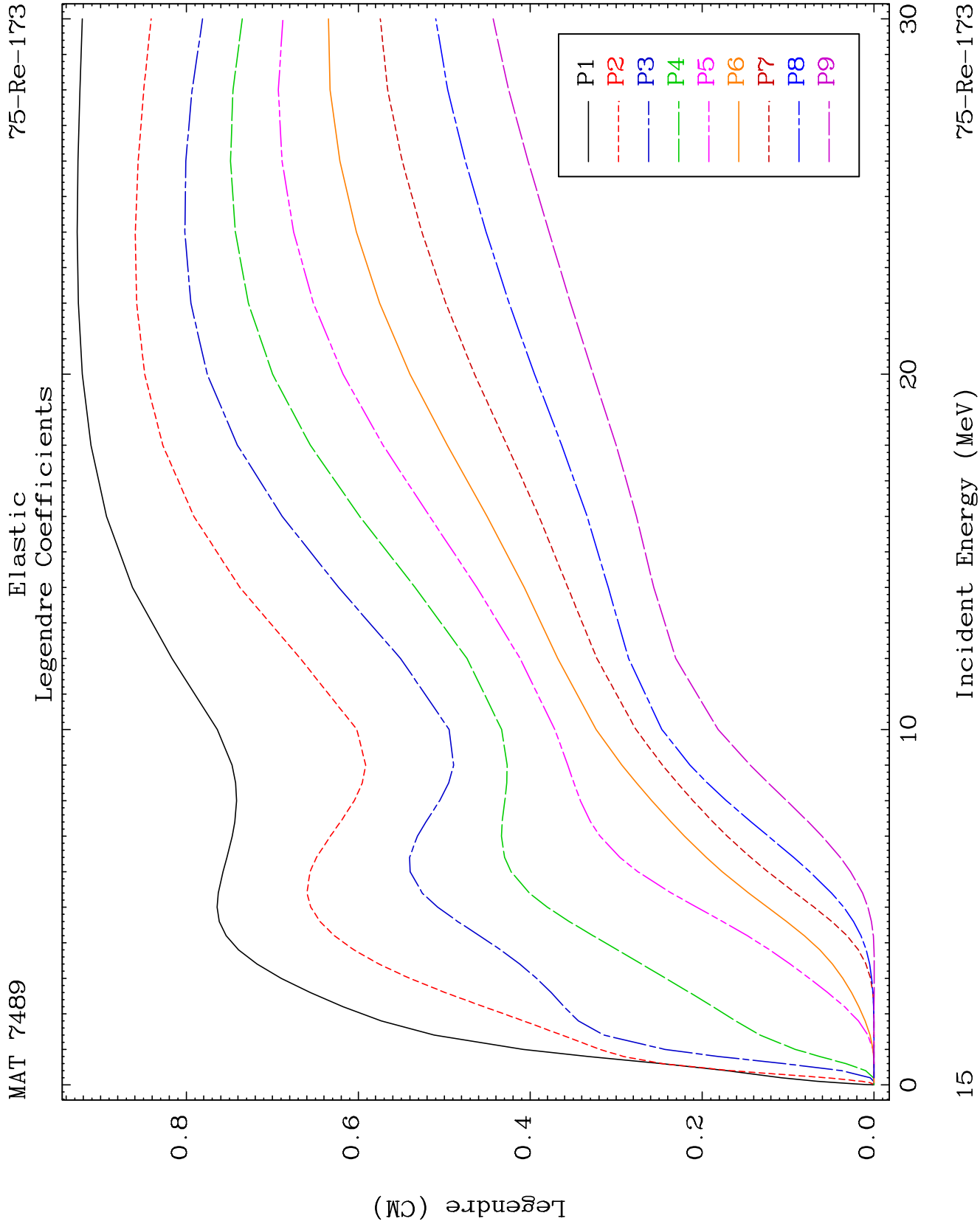


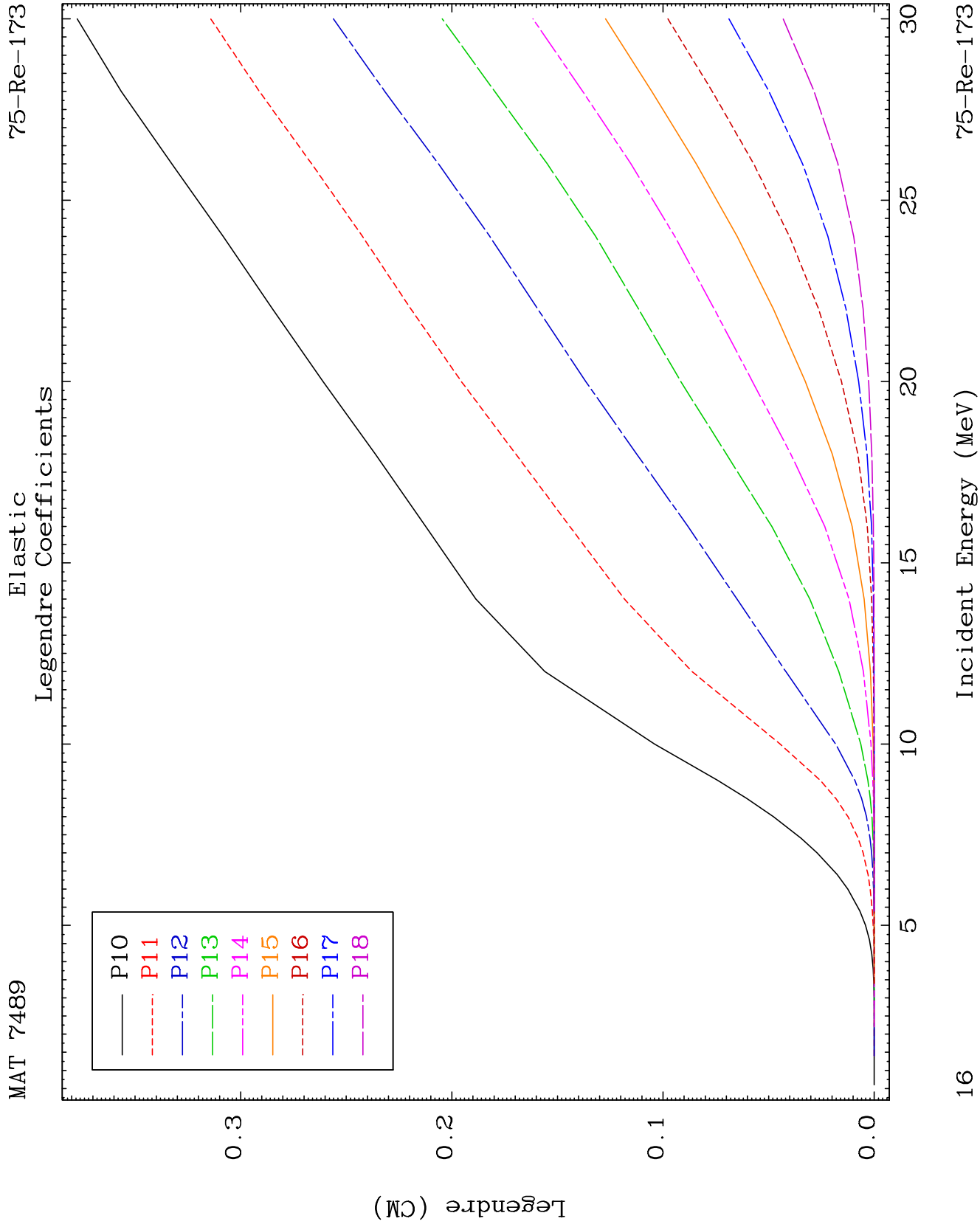
13

Incident Energy (MeV)

75-Re-173



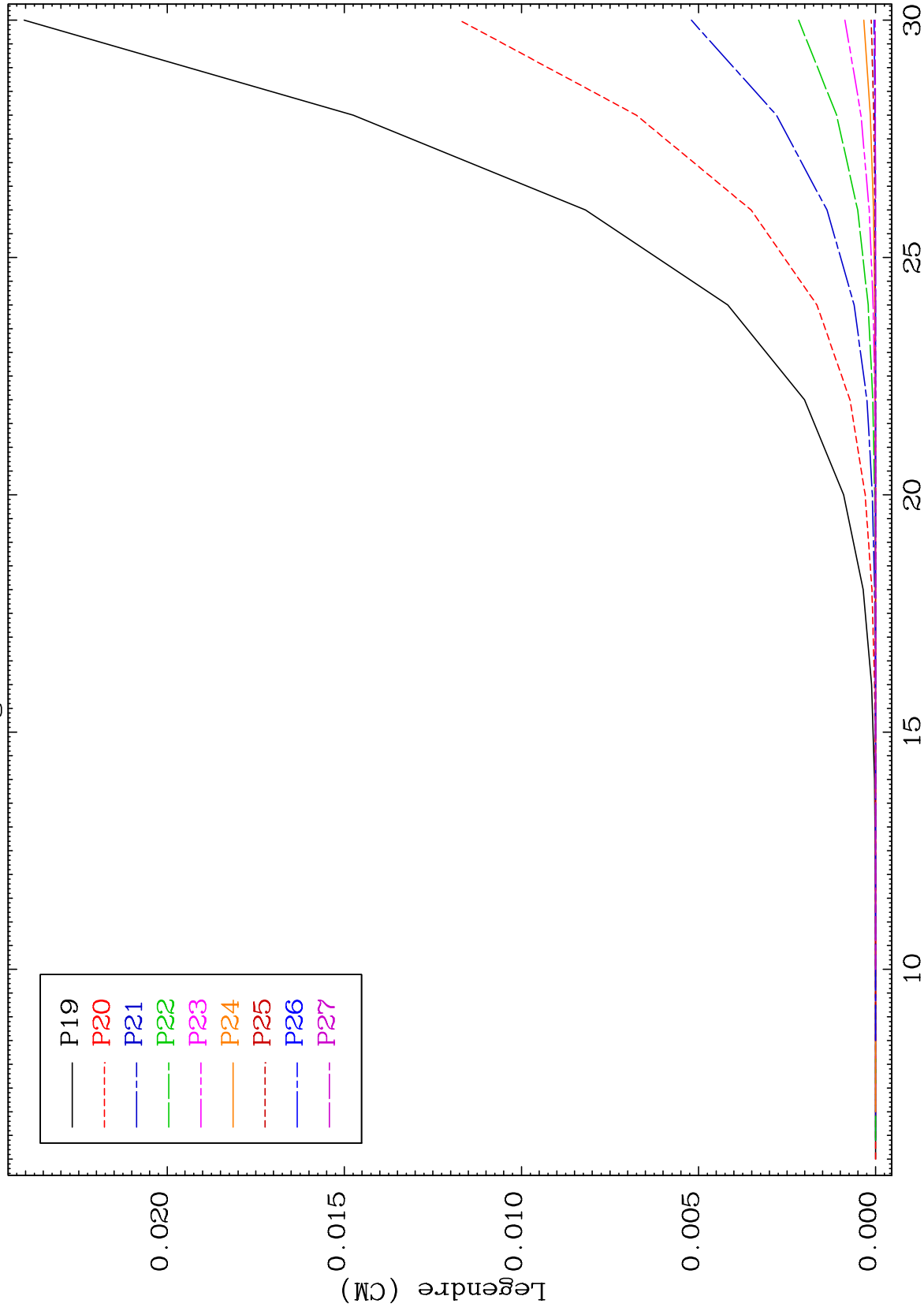




MAT 7489

Elastic  
Legendre Coefficients

75-Re-173



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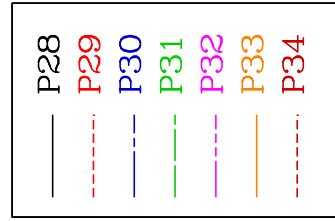
Incident Energy (MeV)

75-Re-173

MAT 7489

Elastic  
Legendre Coefficients

75-Re-173

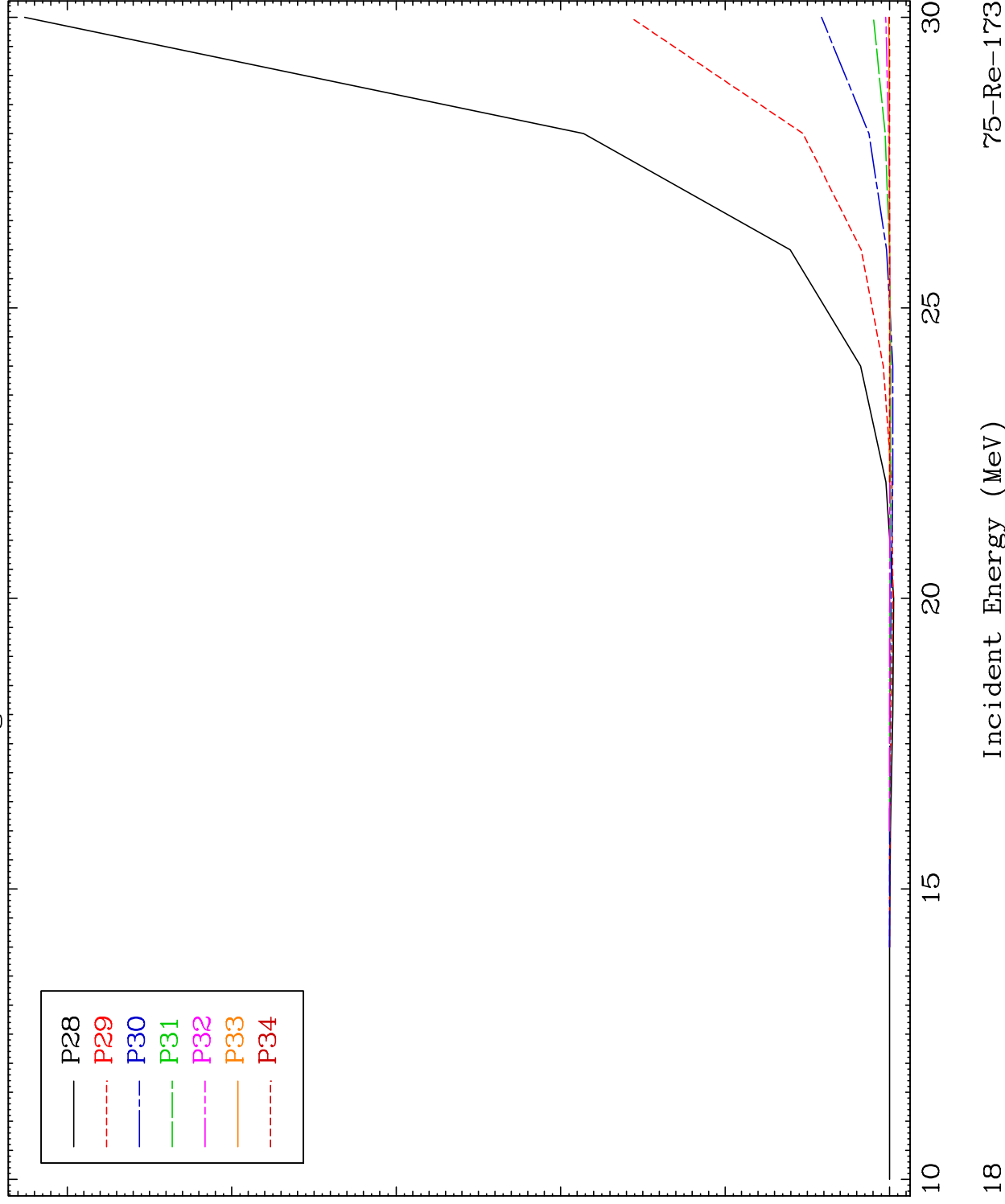


Legendre (CM)  
 $\times 10^{-65}$

Legendre (CM)

Incident Energy (MeV)

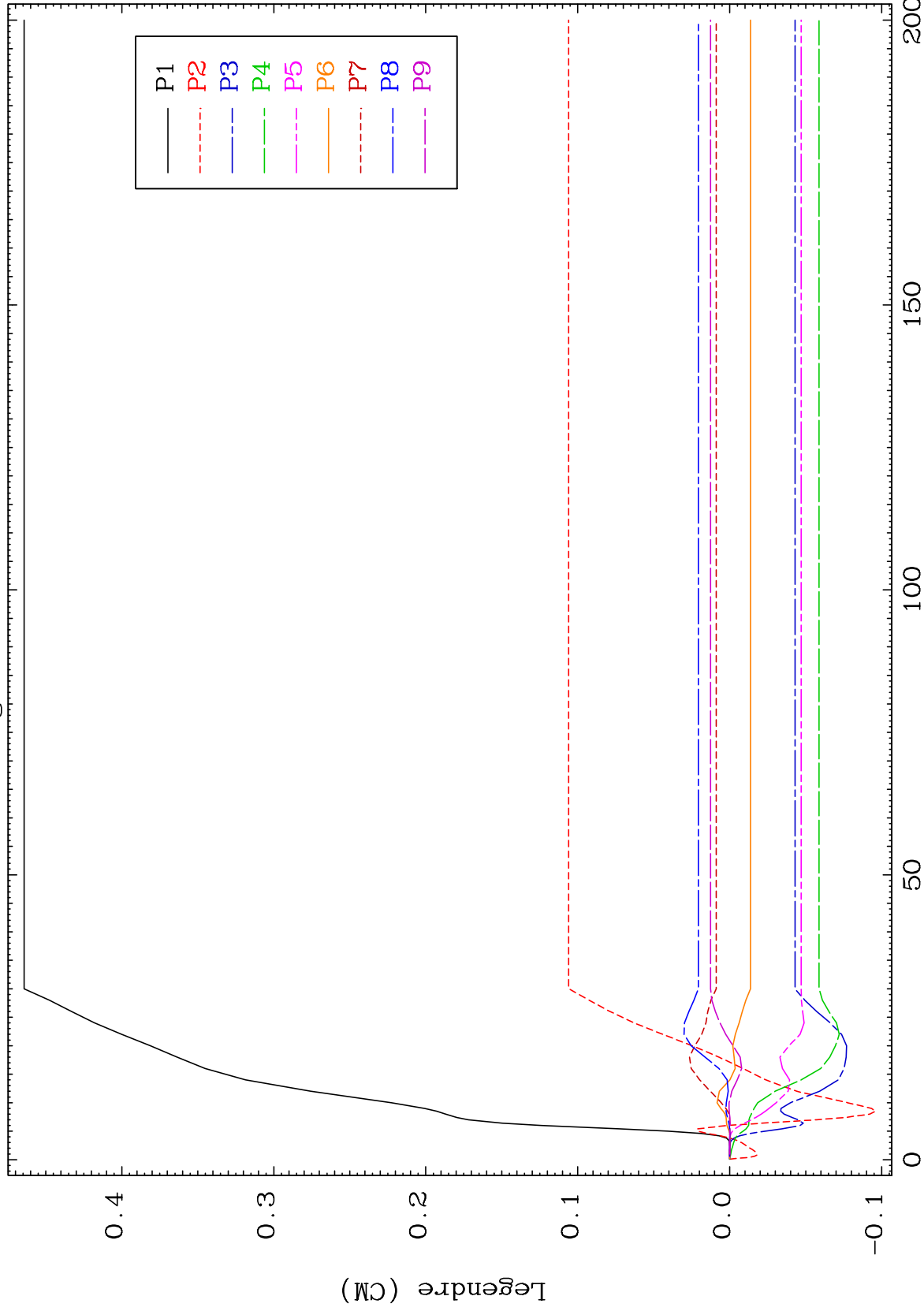
75-Re-173



MAT 7489

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

75-Re-173



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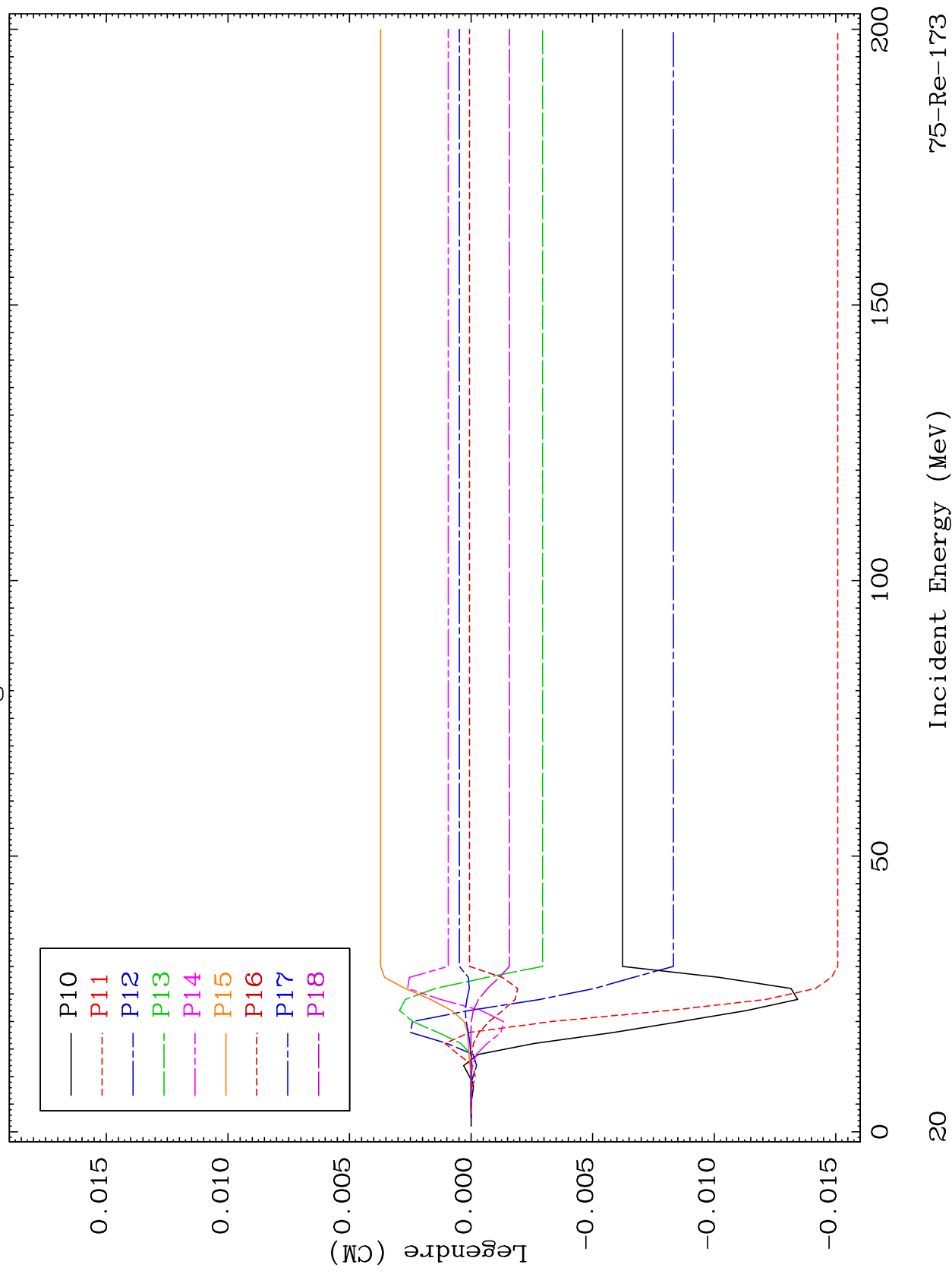
Incident Energy (MeV)

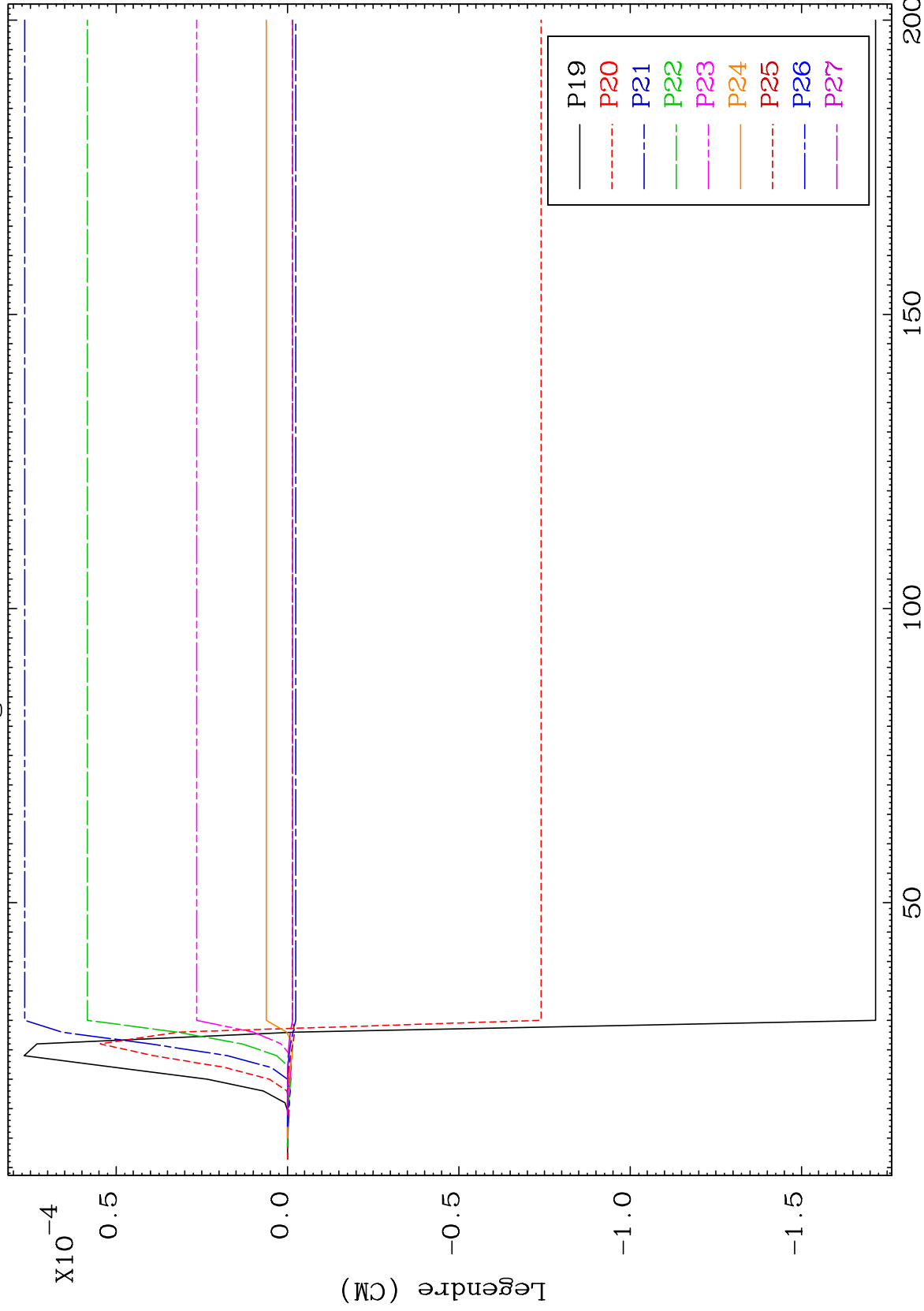
75-Re-173

MAT 7489

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

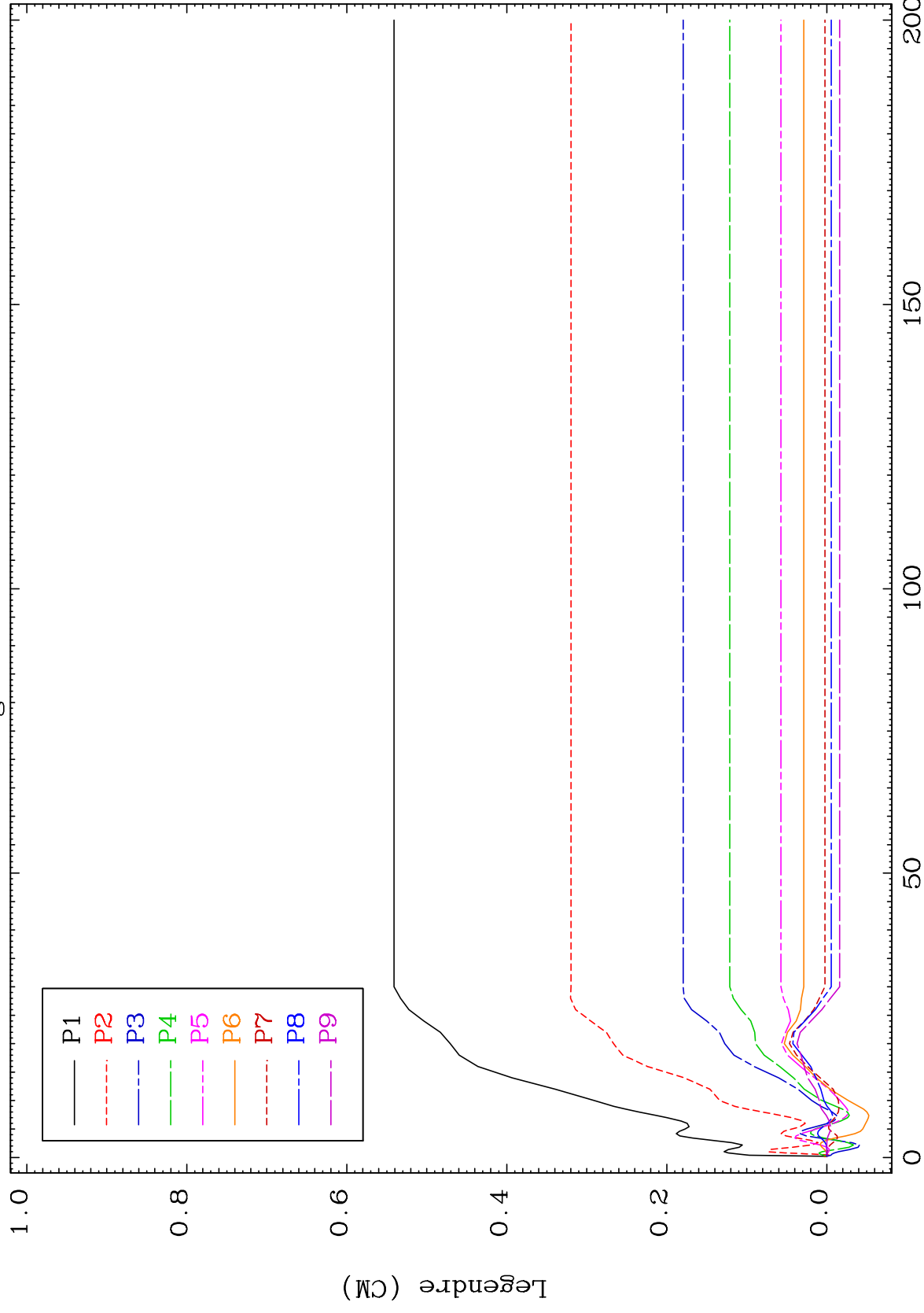
75-Re-173







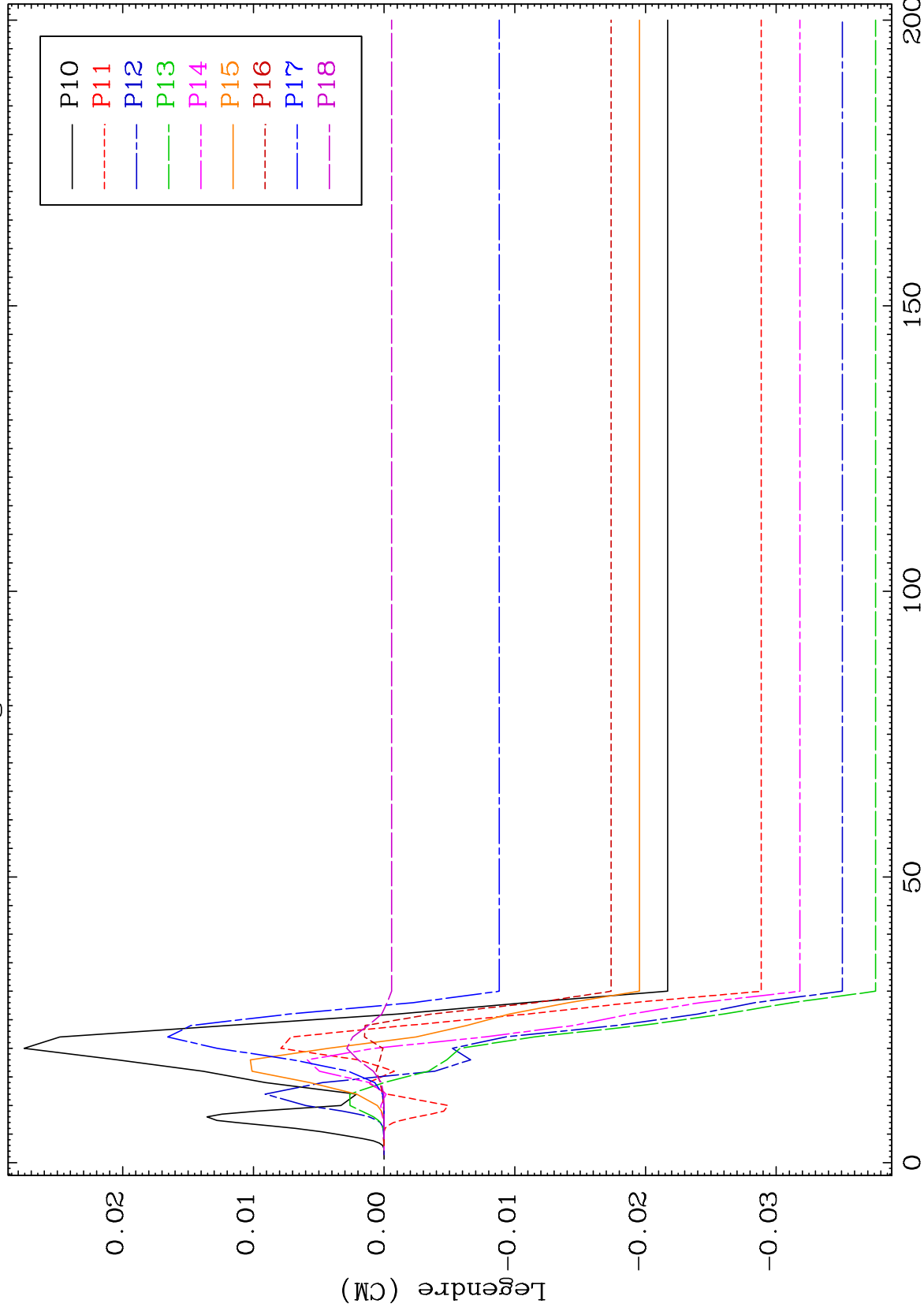
MAT 7489 MT= 52 (n,n') Level Legendre Coefficients 75-Re-173



MAT 7489

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

75-Re-173



24

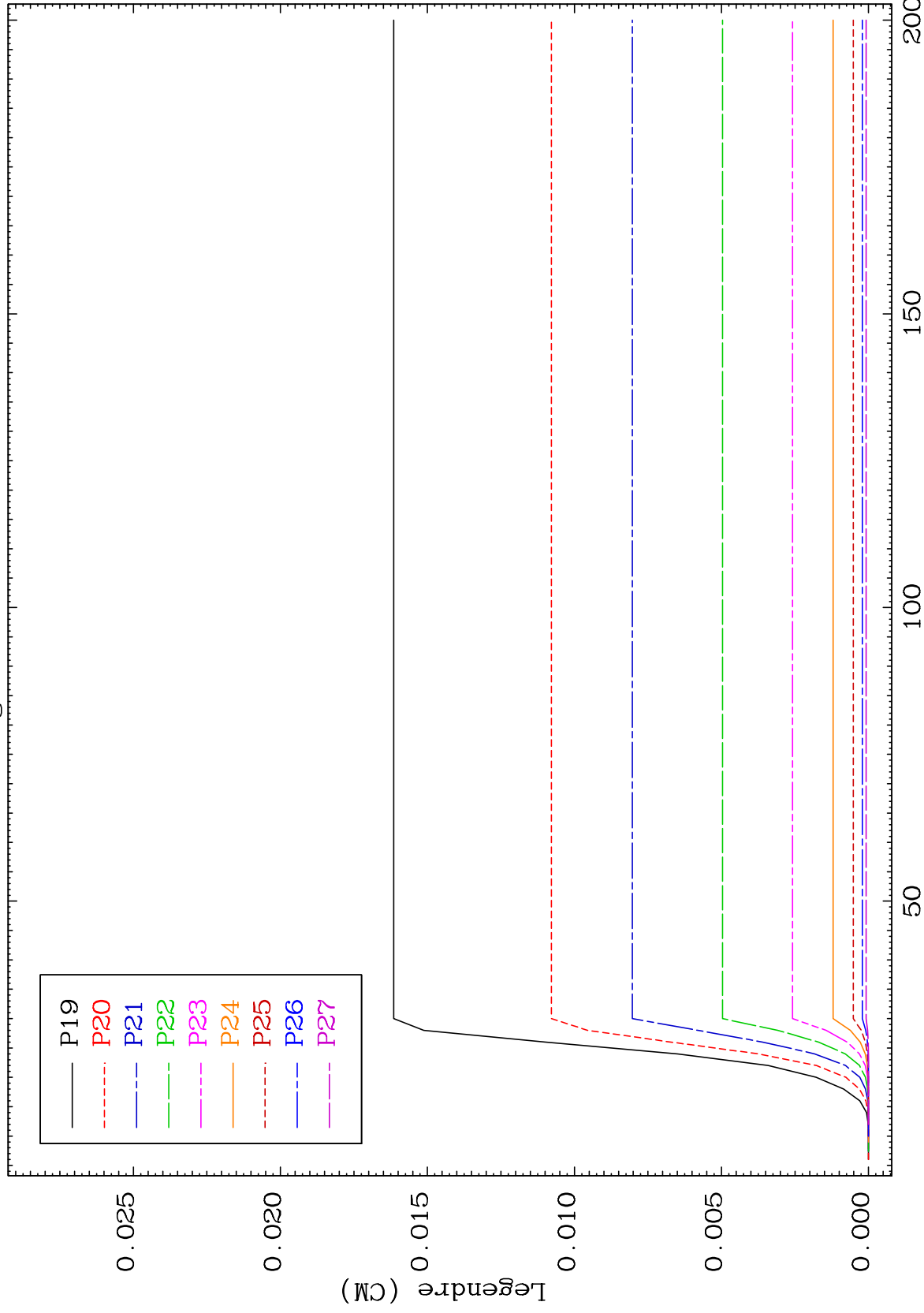
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



25

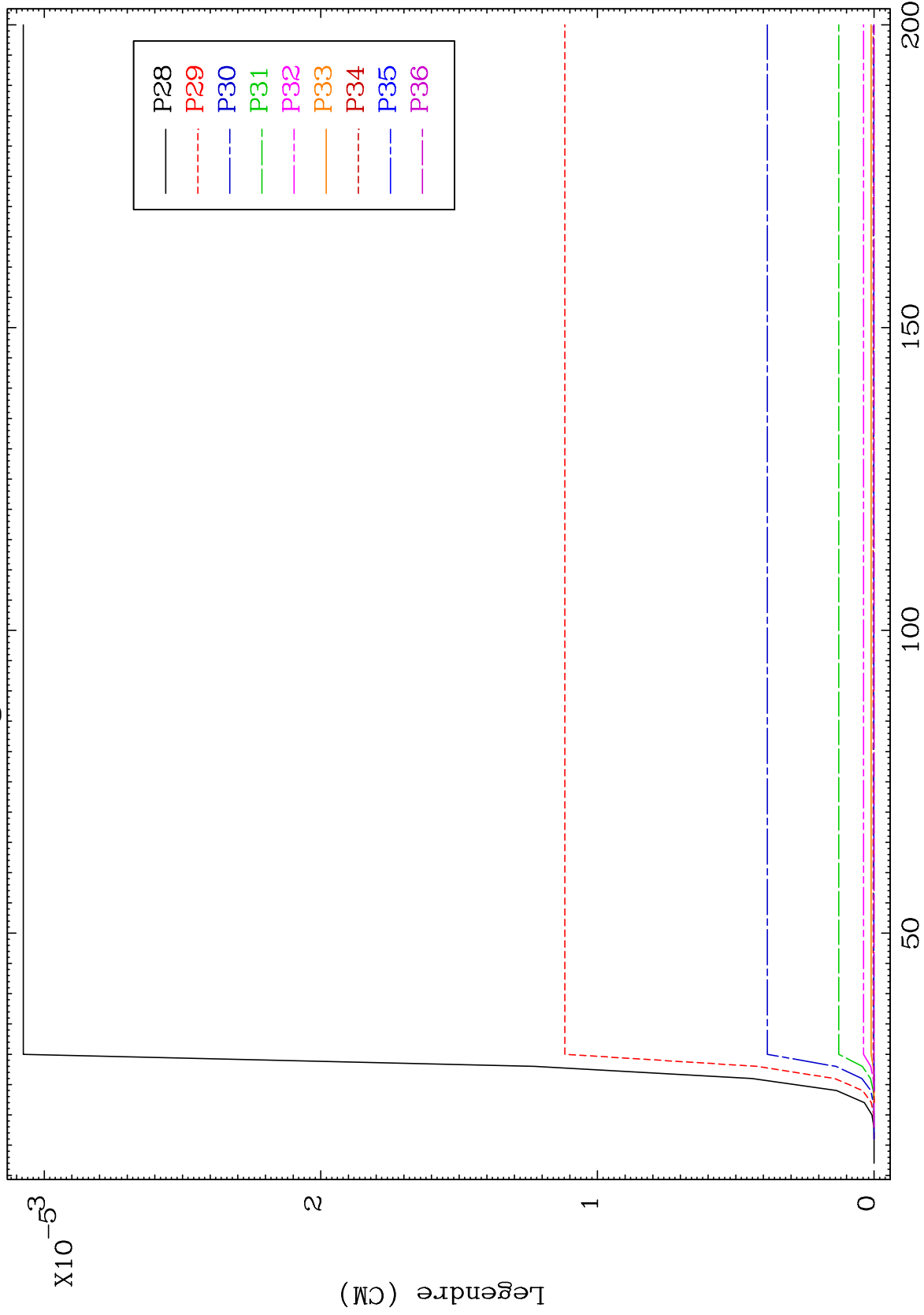
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173

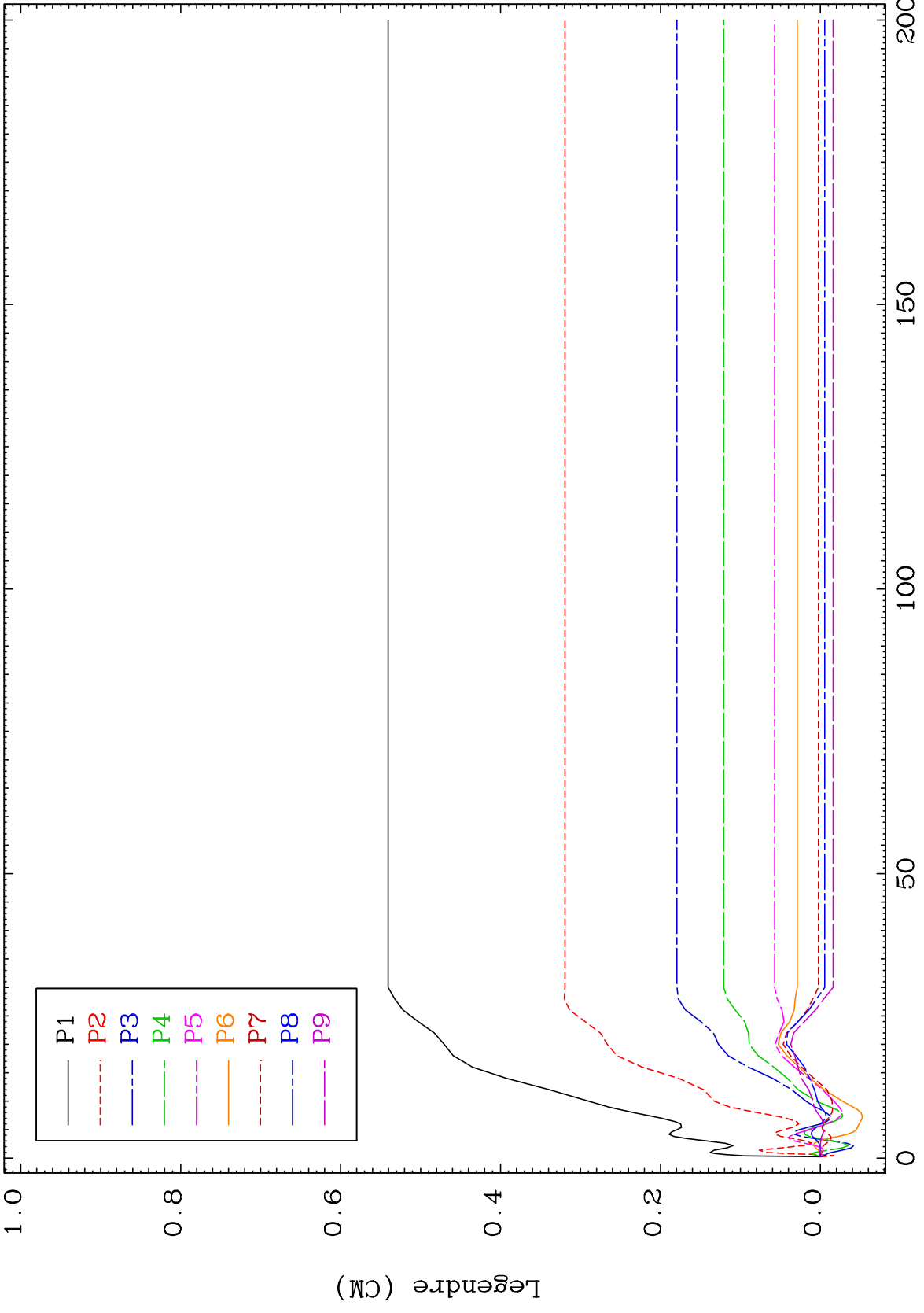


26

Incident Energy (MeV)

75-Re-173

MAT 7489 MT= 53 (n,n') Level Legendre Coefficients 75-Re-173

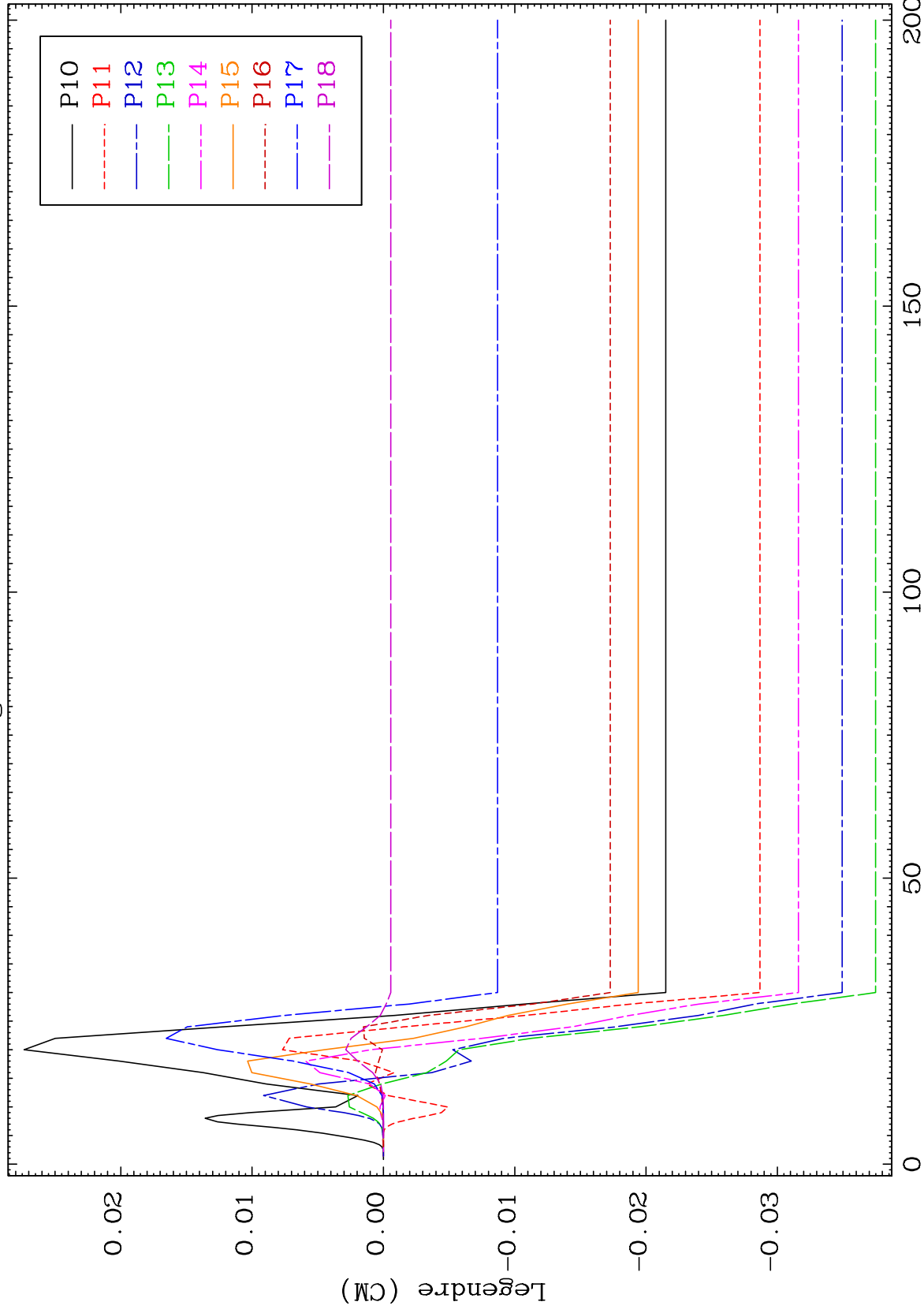


27 75-Re-173

MAT 7489

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

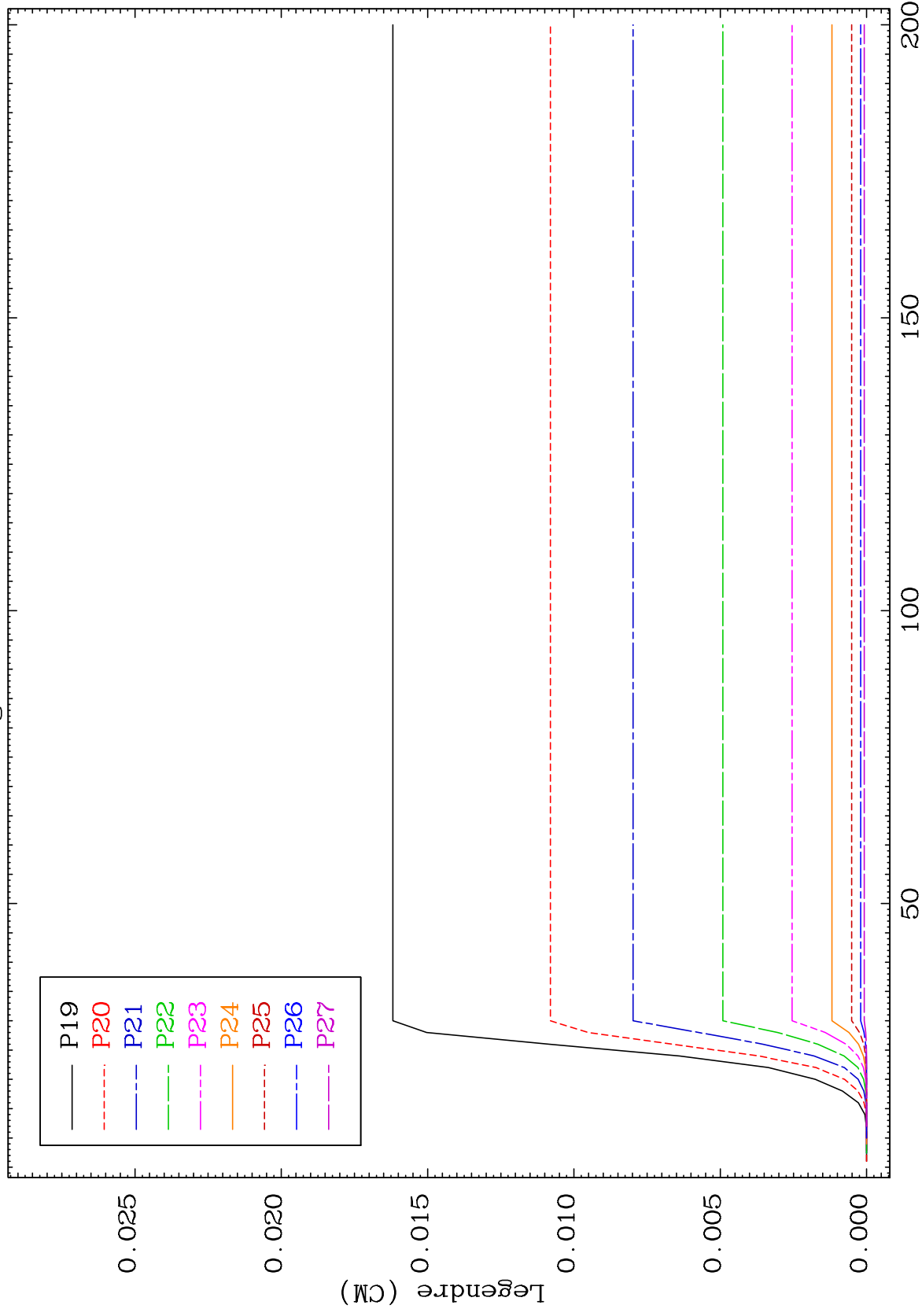
75-Re-173



28

Incident Energy (MeV)

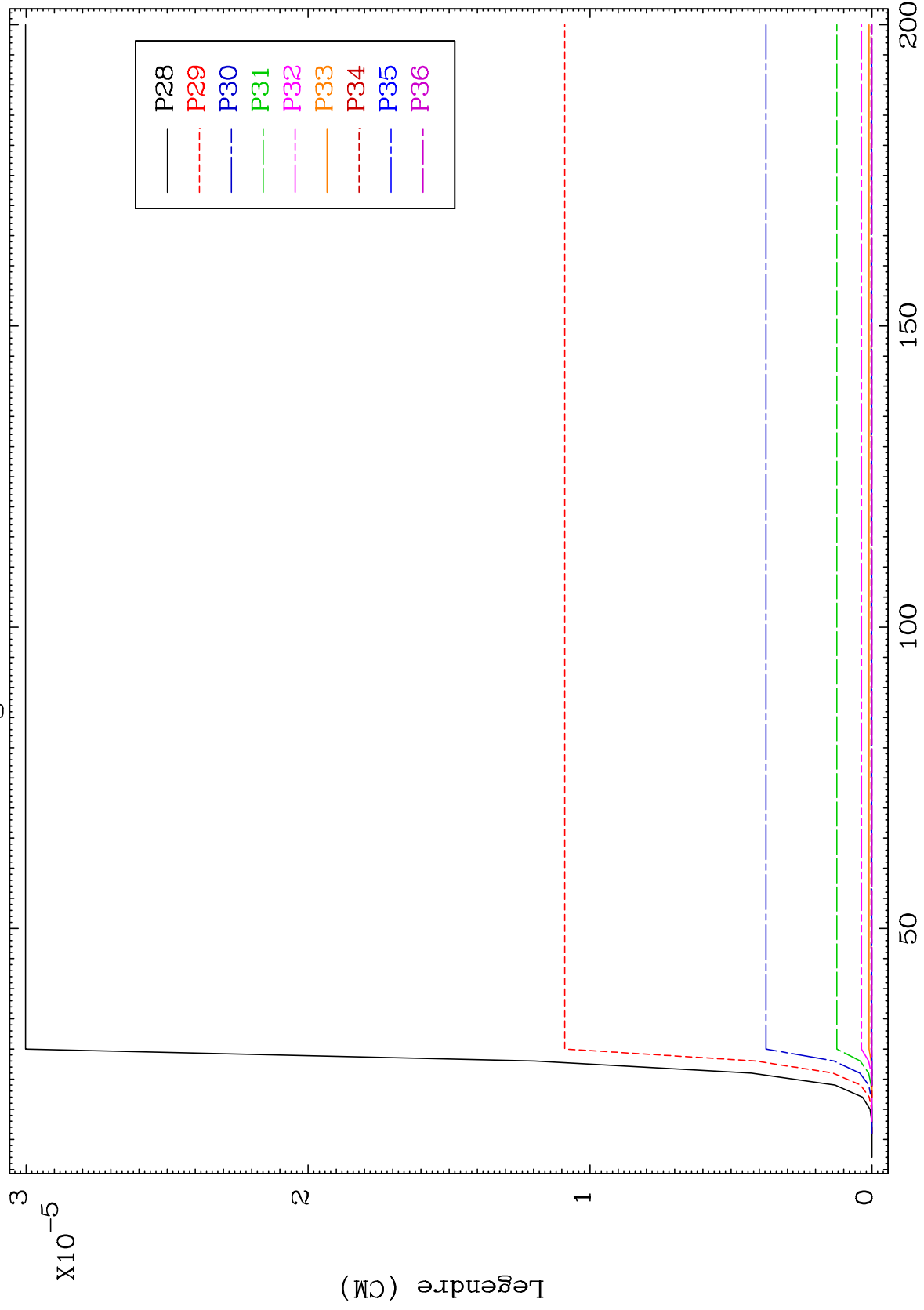
75-Re-173



MAT 7489

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

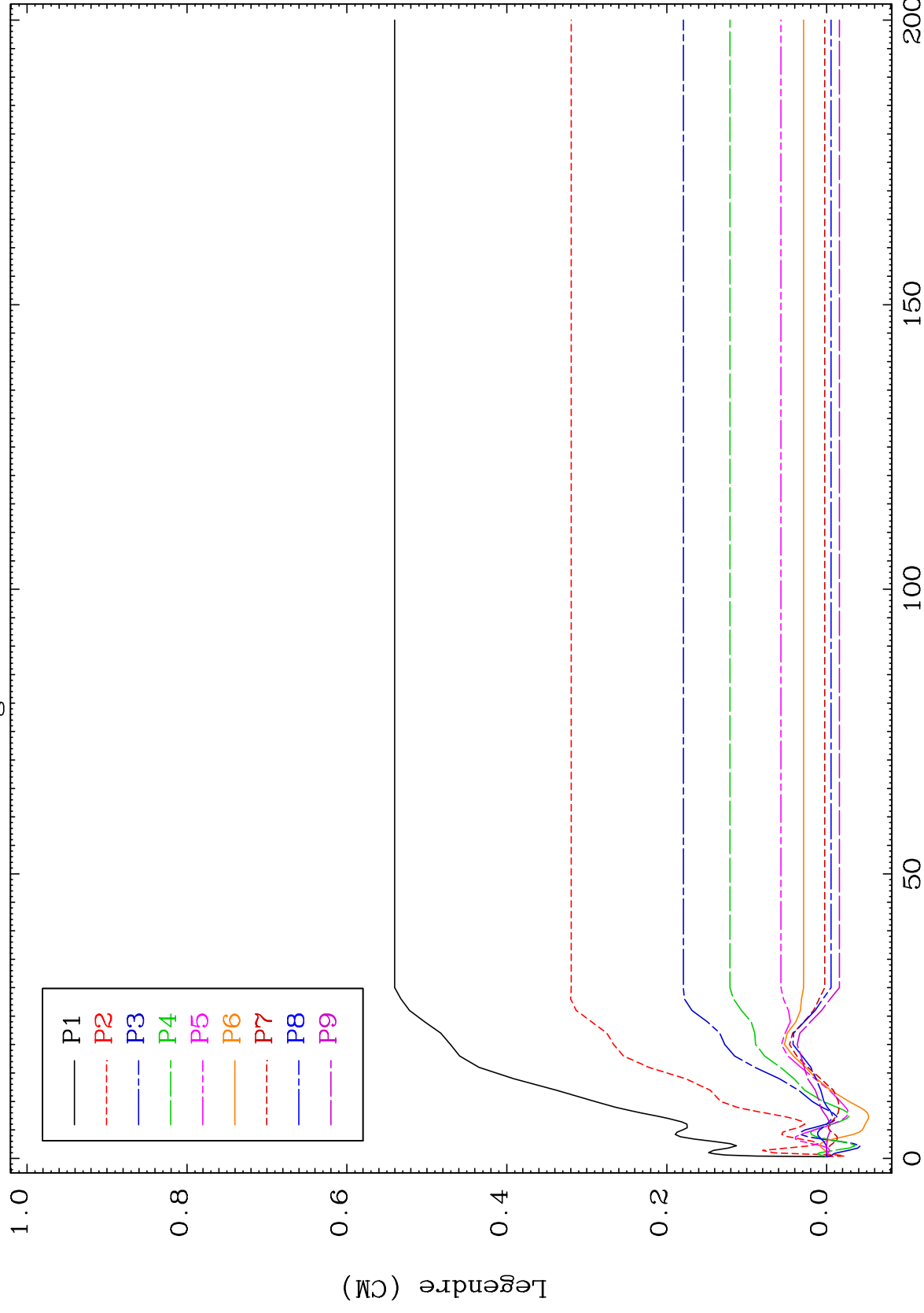
75-Re-173



Incident Energy (MeV)

75-Re-173

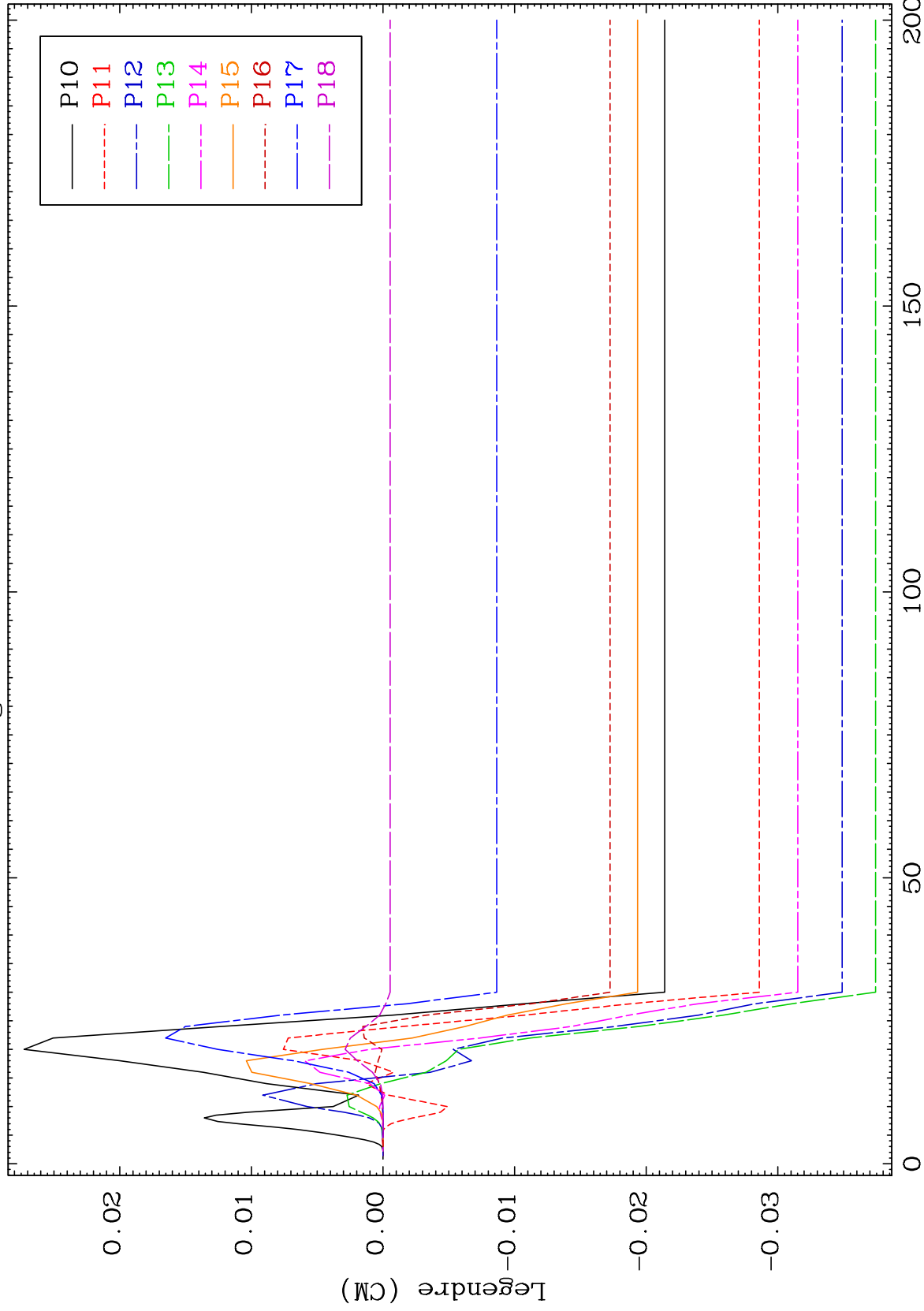
MAT 7489 MT= 54 (n,n') Level Legendre Coefficients 75-Re-173



MAT 7489

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

75-Re-173



32

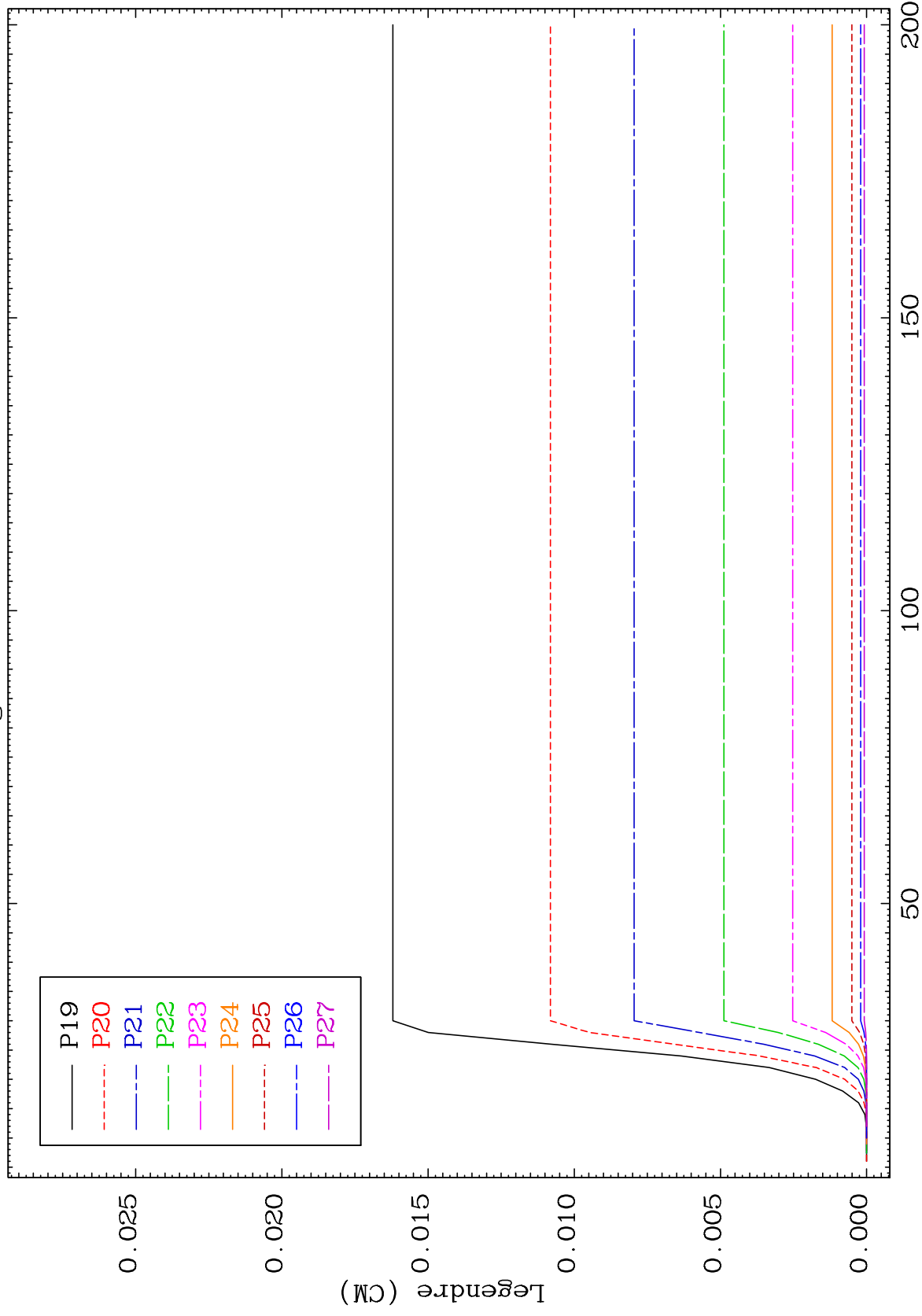
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



33

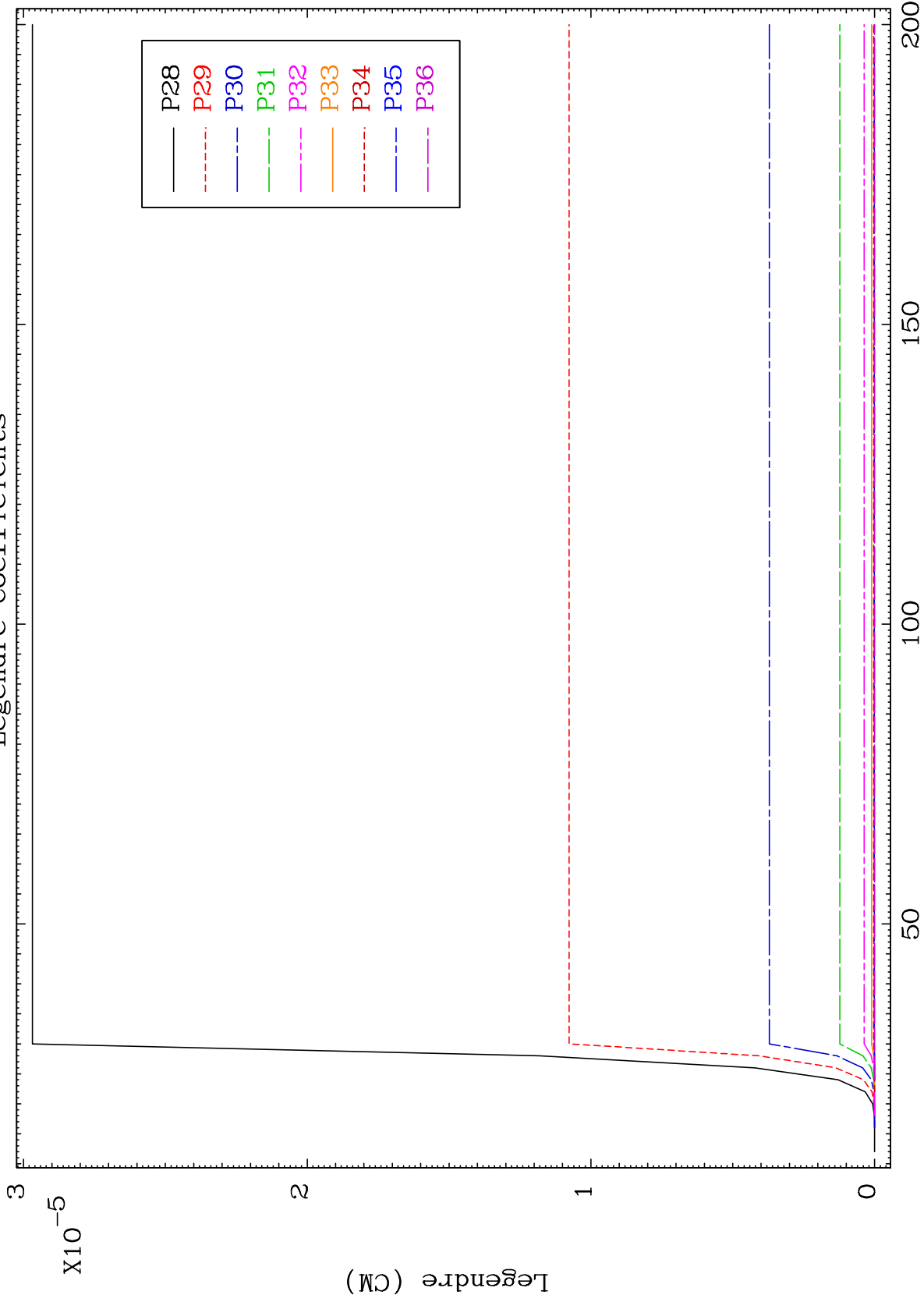
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



34

Incident Energy (MeV)

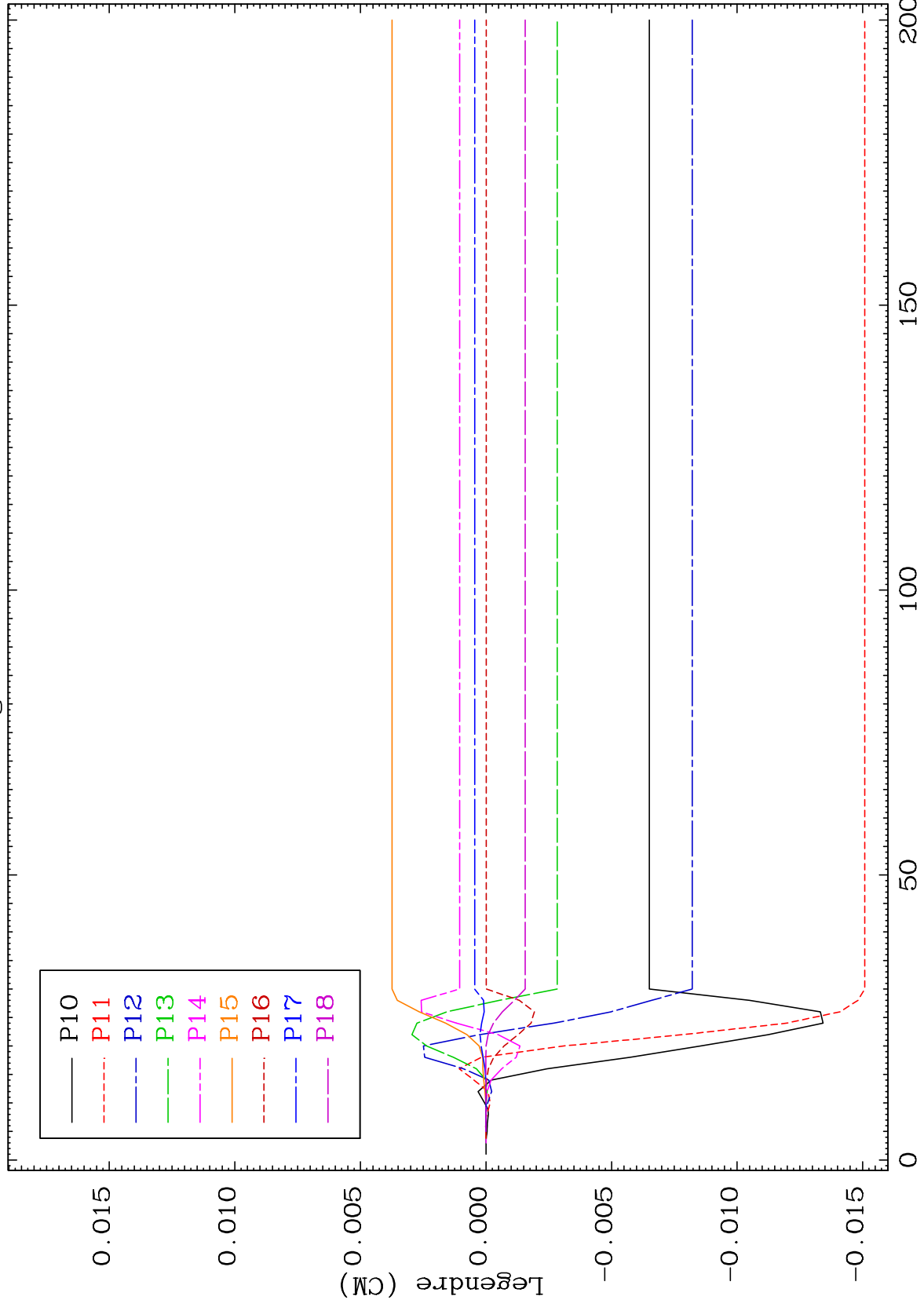
75-Re-173



MAT 7489

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

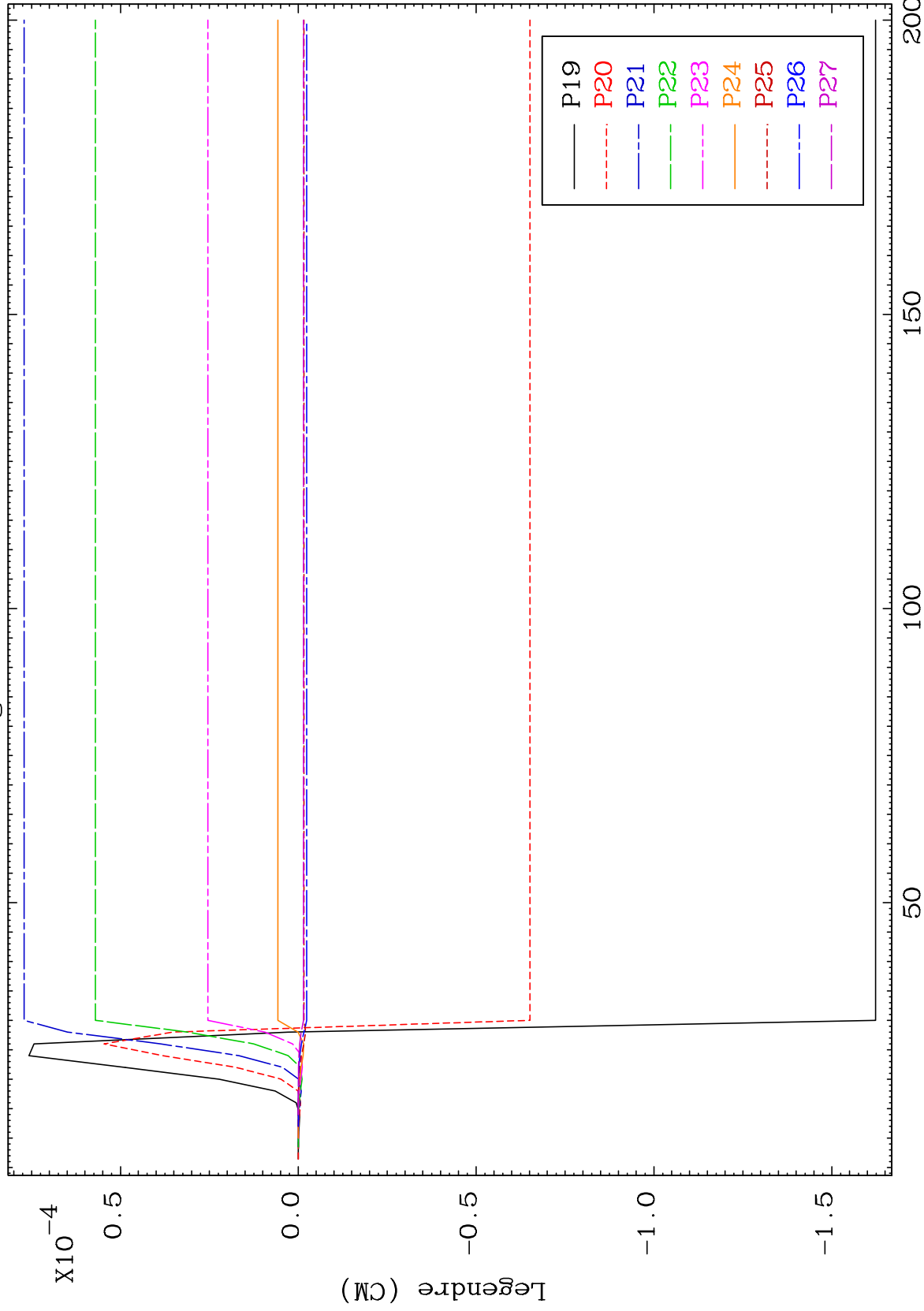
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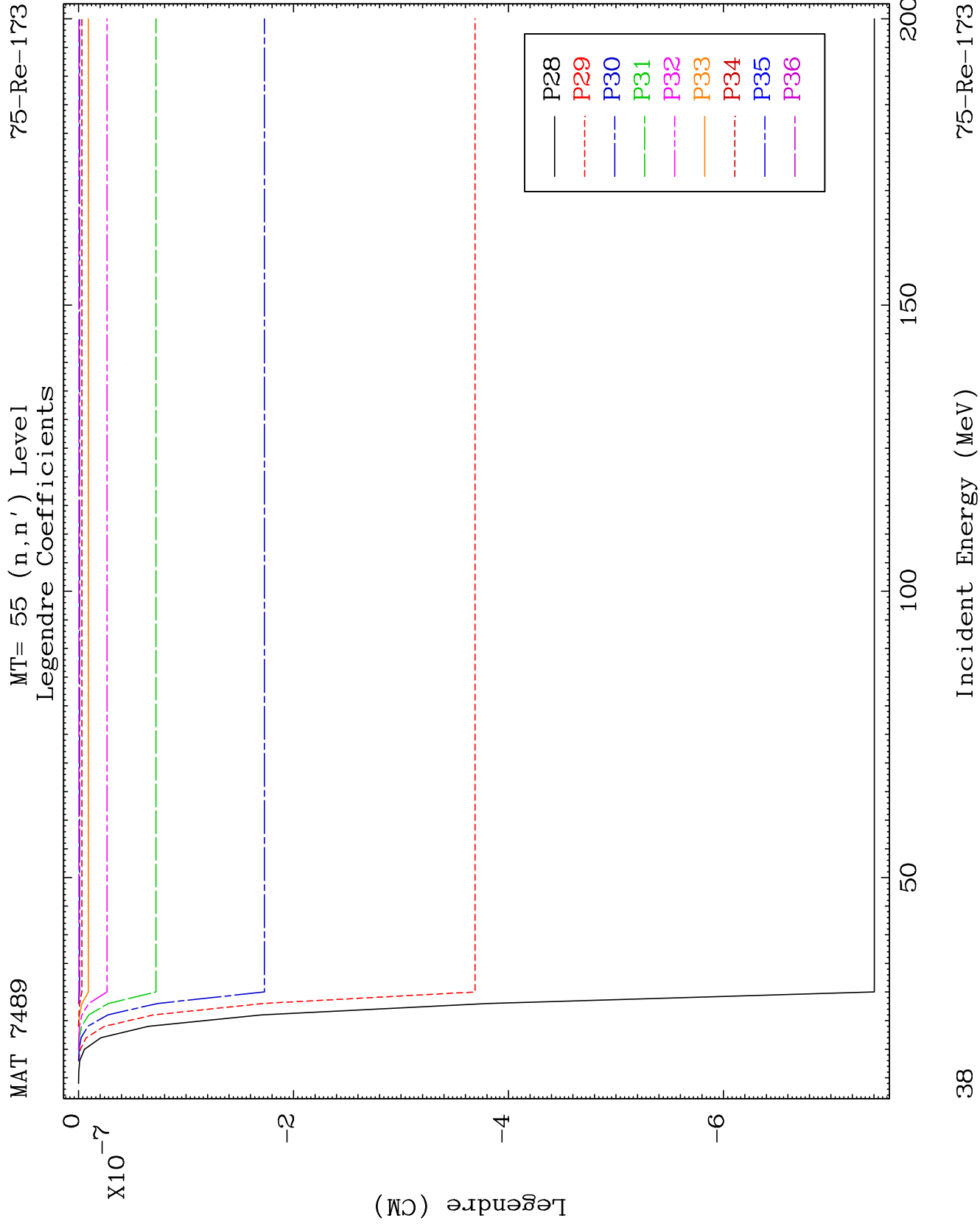


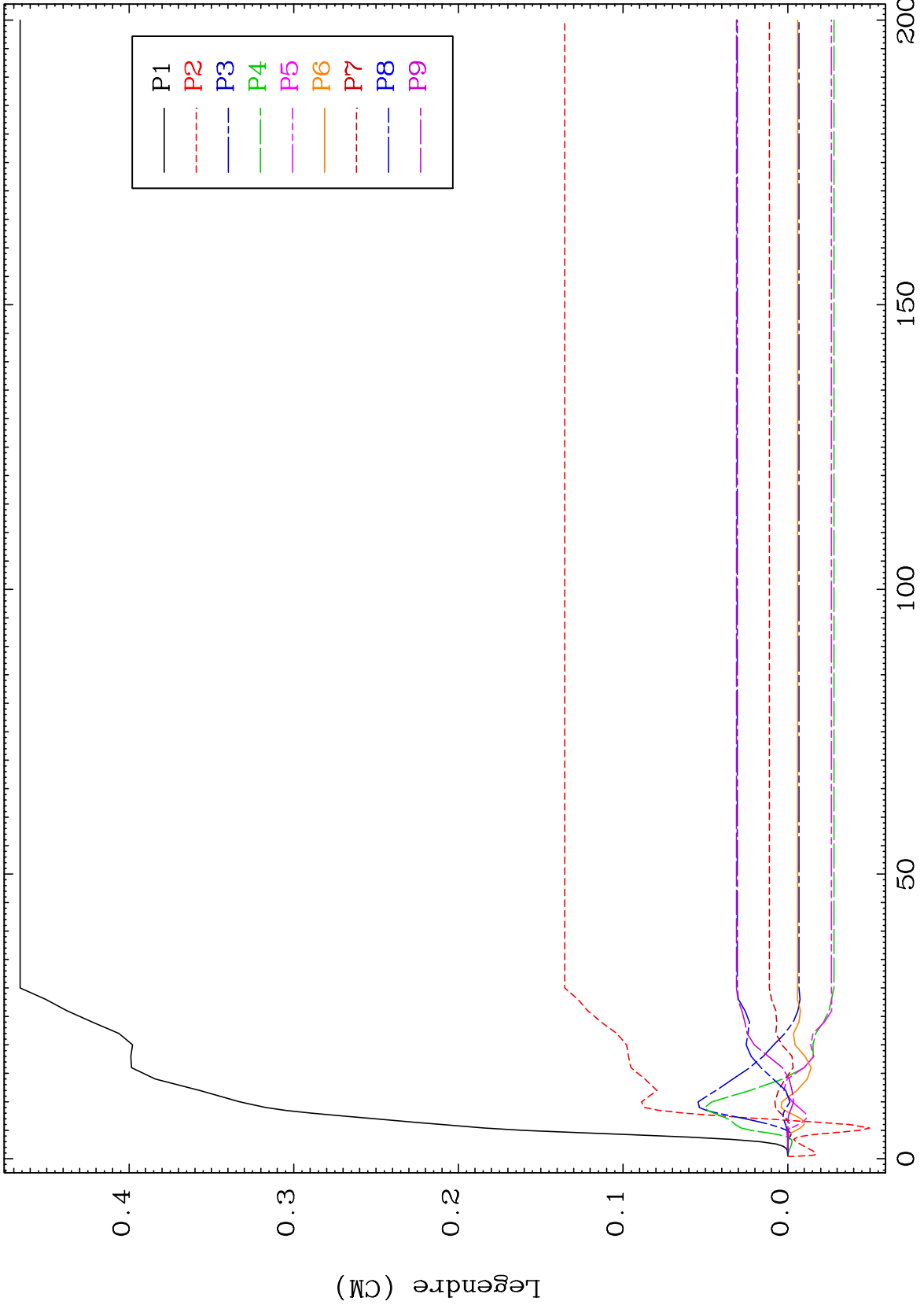
36

Incident Energy (MeV)

75-Re-173



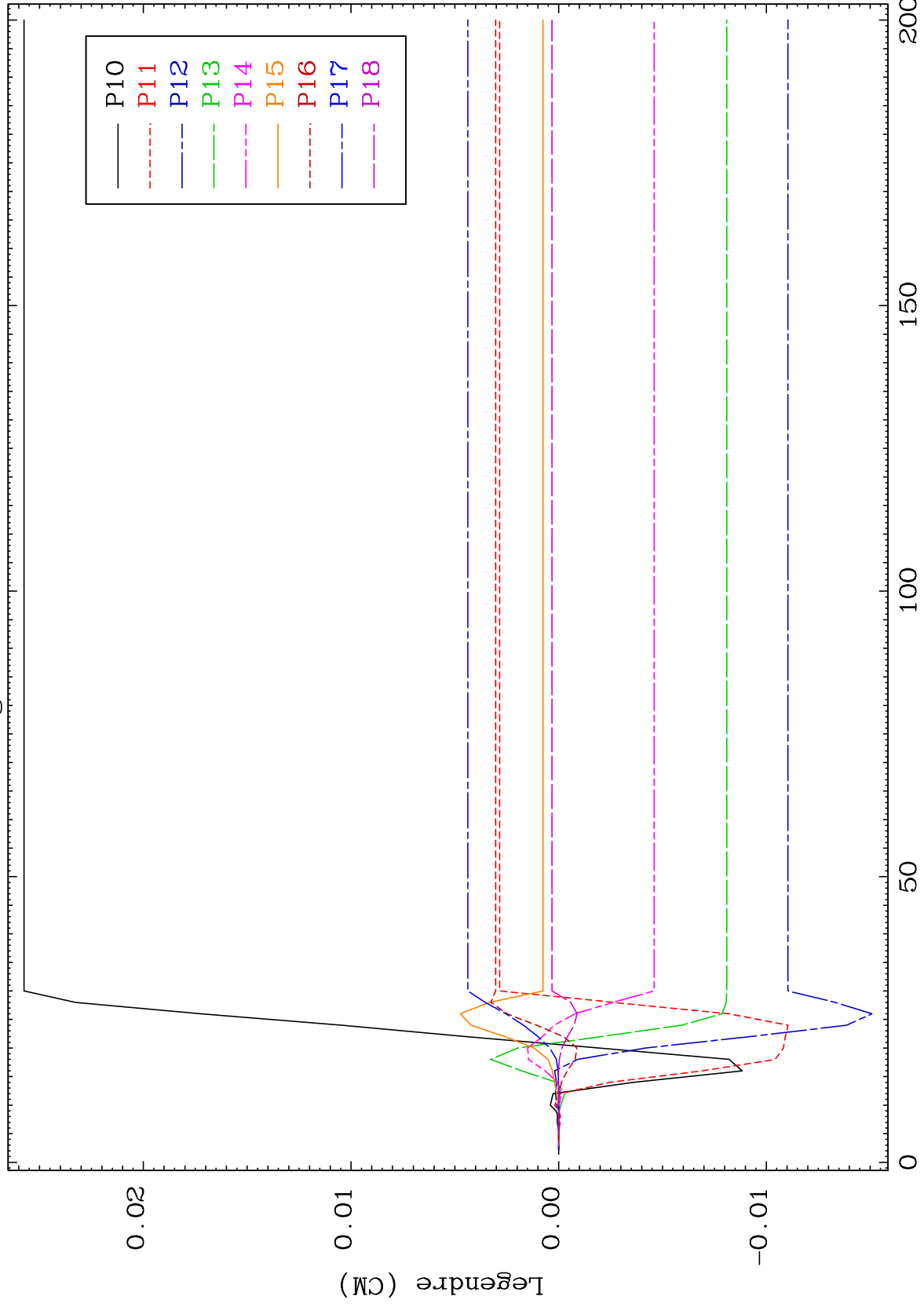




MAT 7489

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

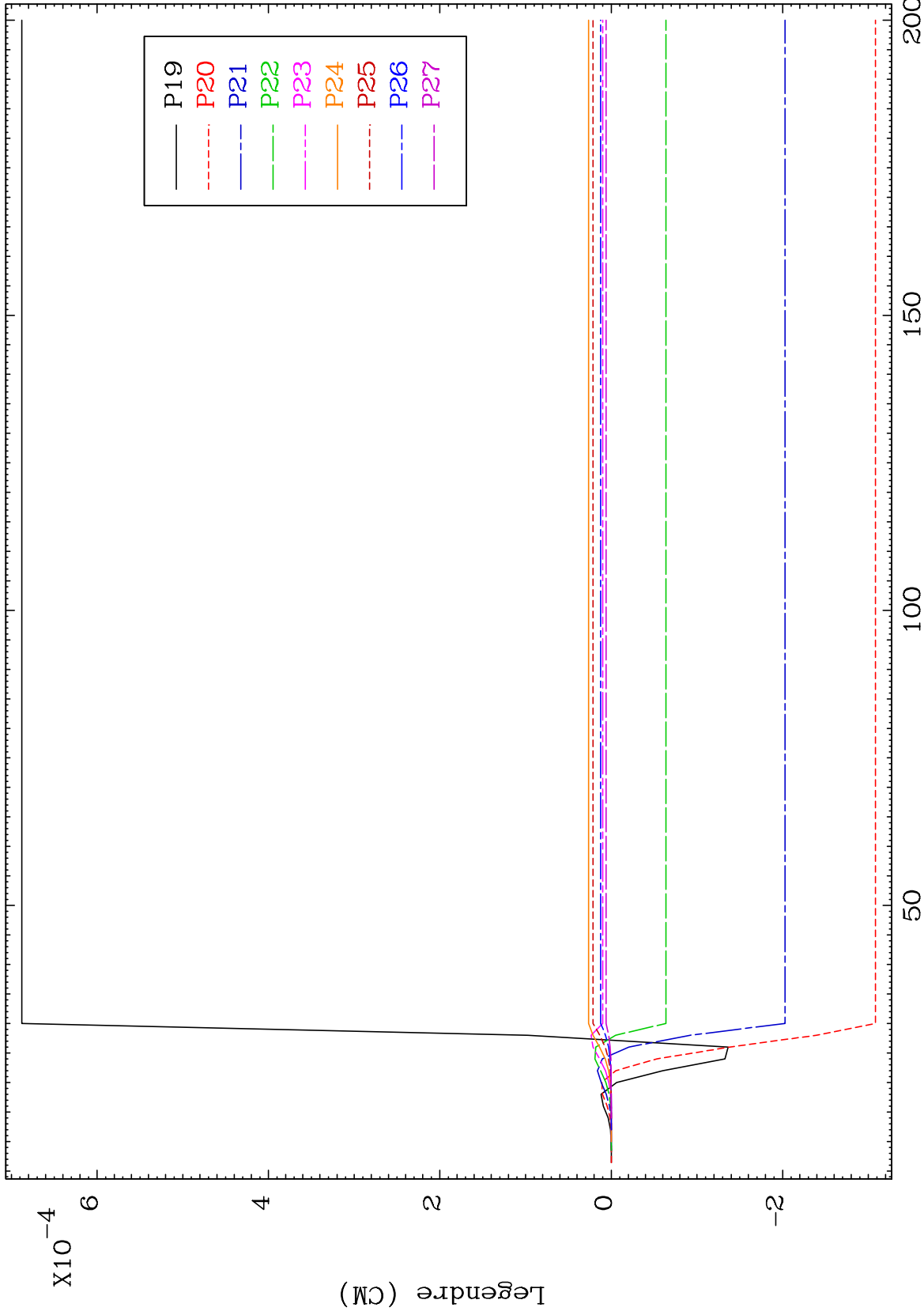
75-Re-173



40

Incident Energy (MeV)

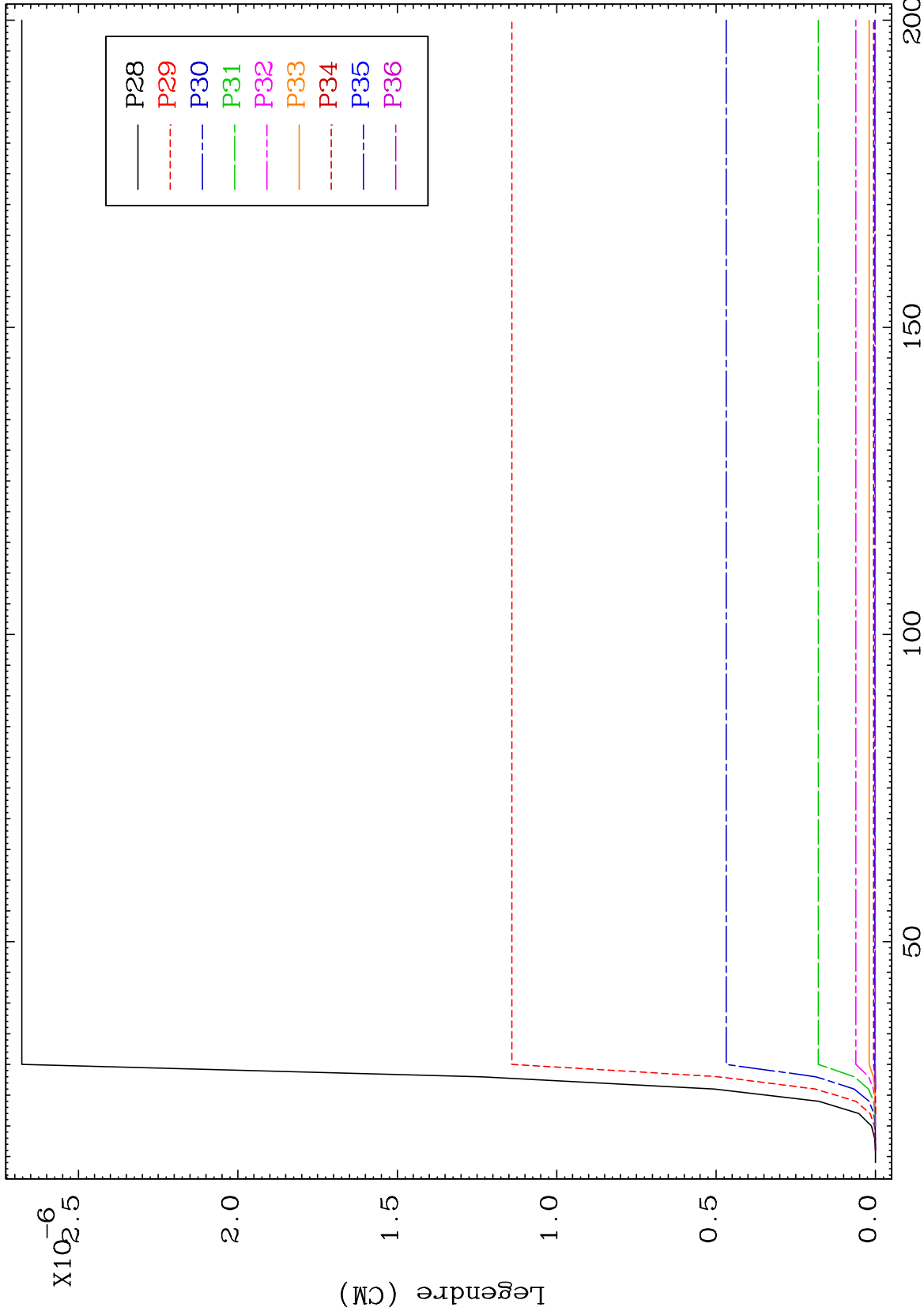
75-Re-173



MAT 7489

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

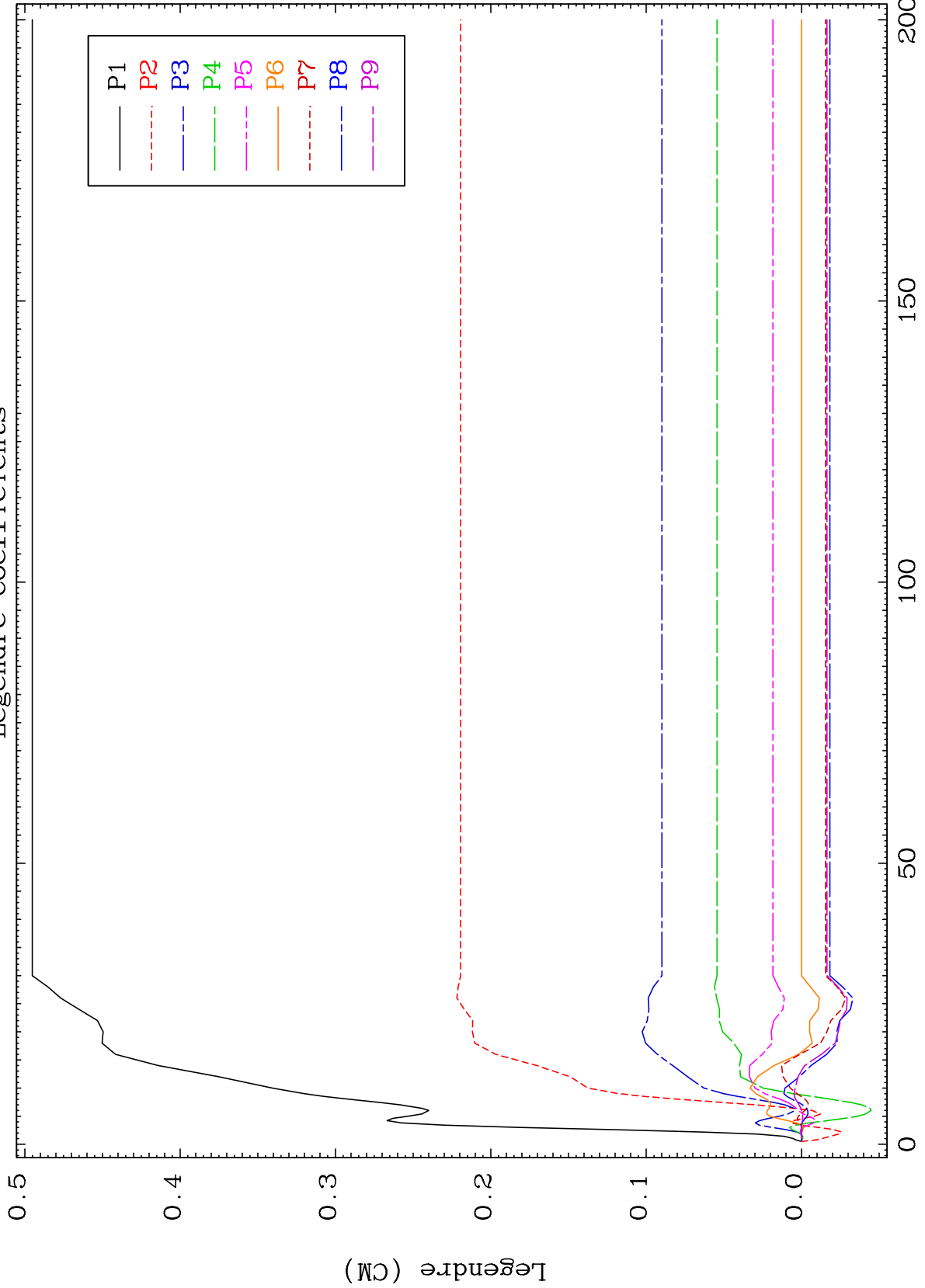
75-Re-173



42

Incident Energy (MeV)

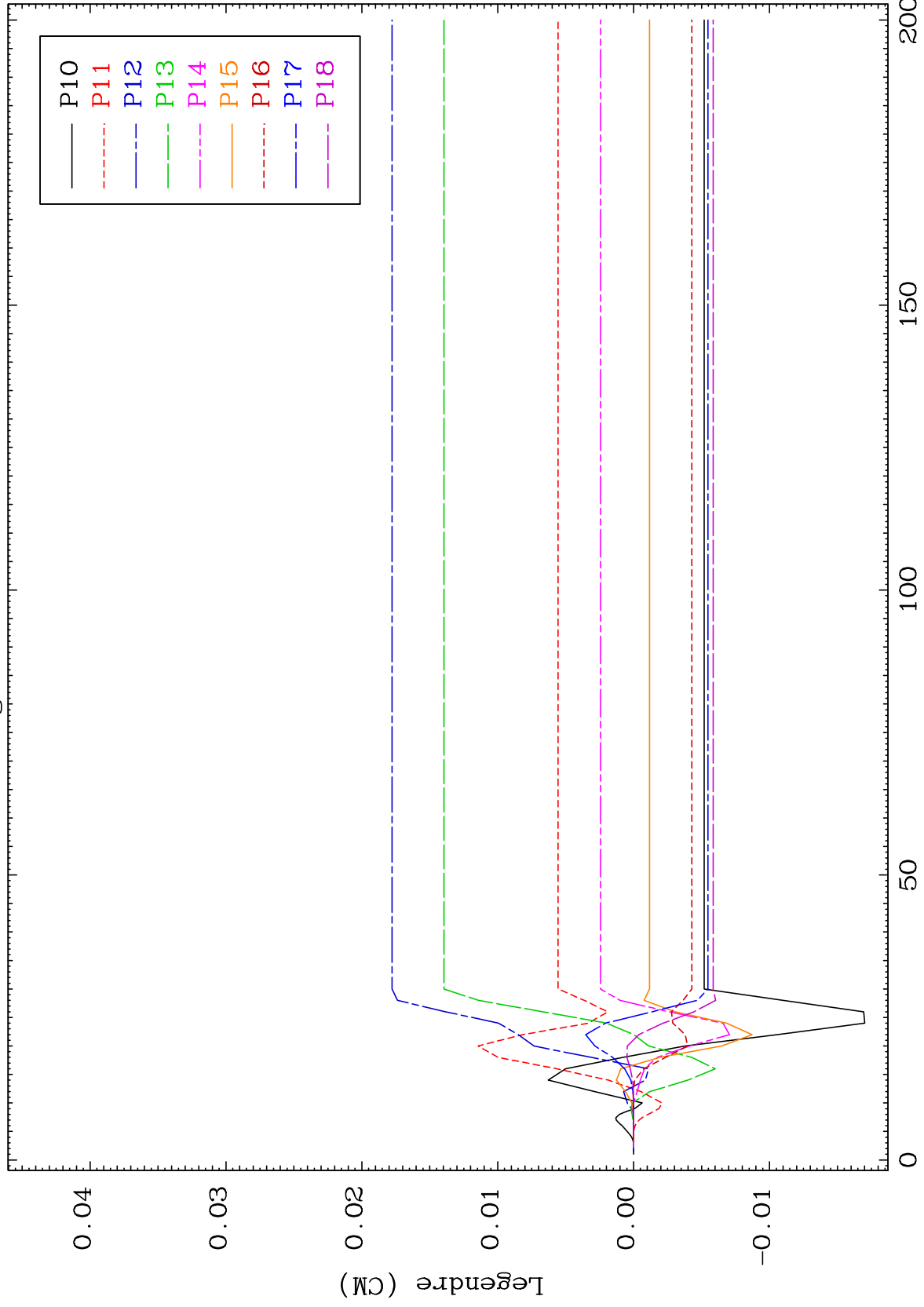
75-Re-173



MAT 7489

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

75-Re-173



44

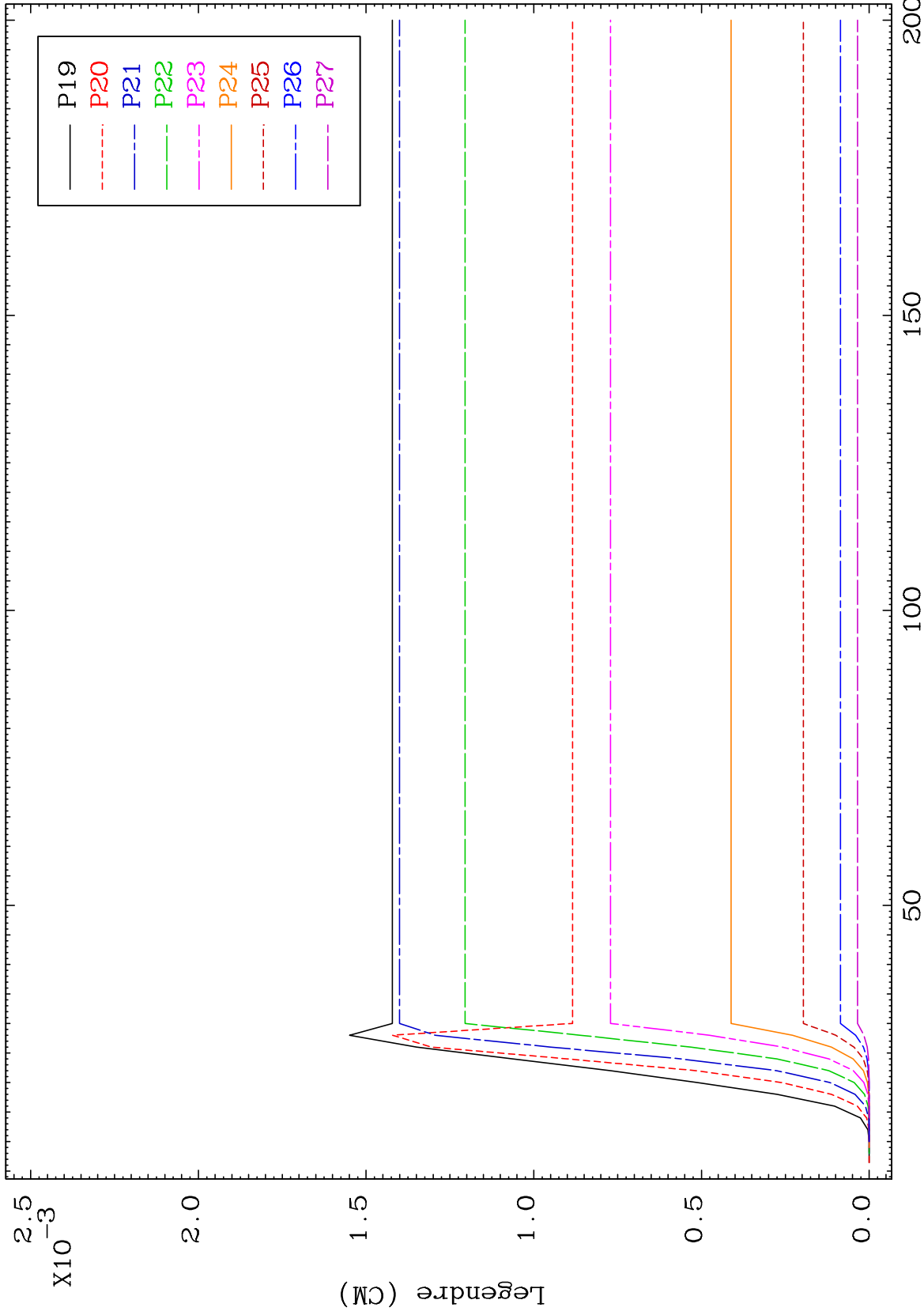
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



45

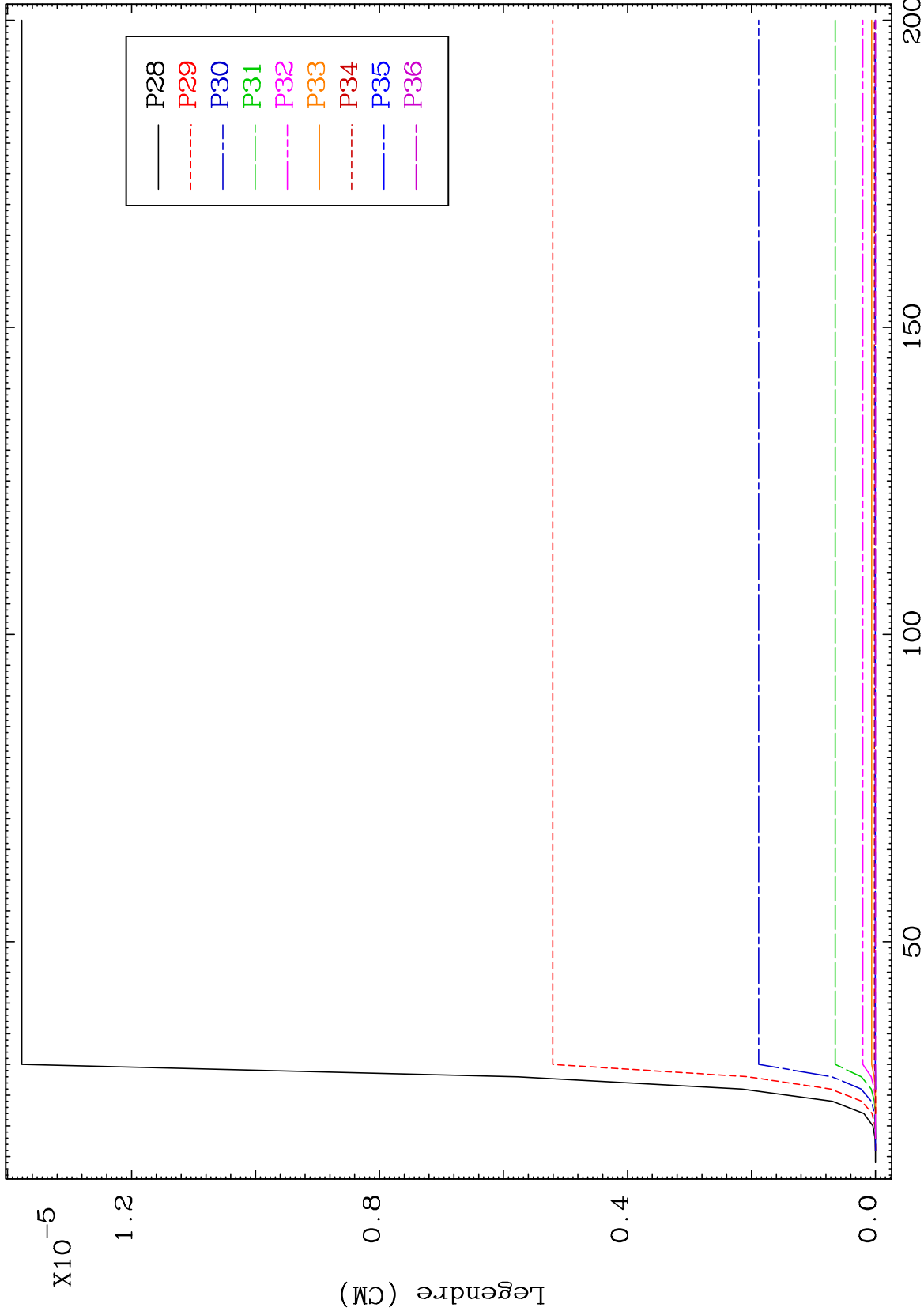
Incident Energy (MeV)

75-Re-173

MAT 7489

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

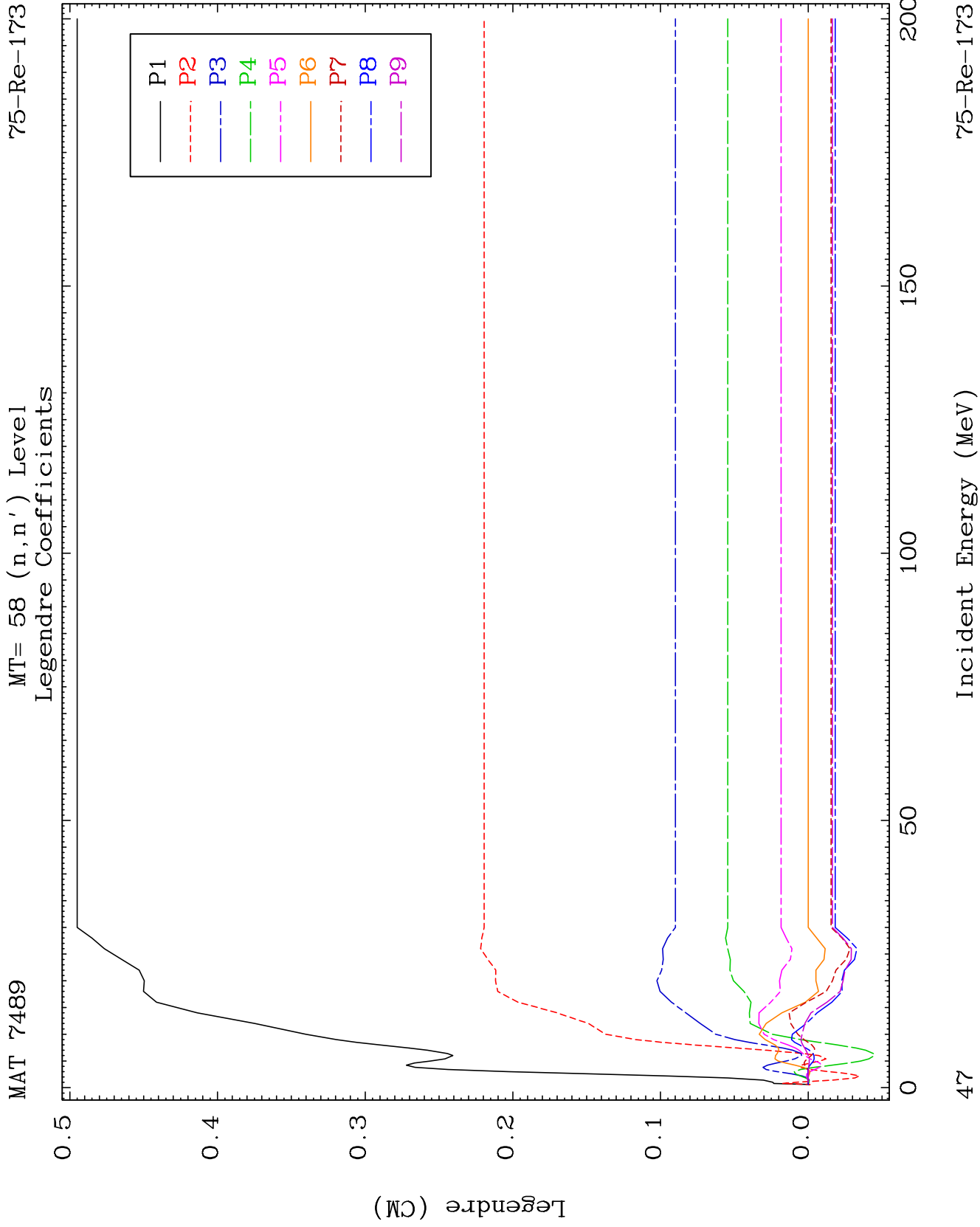
75-Re-173



46

Incident Energy (MeV)

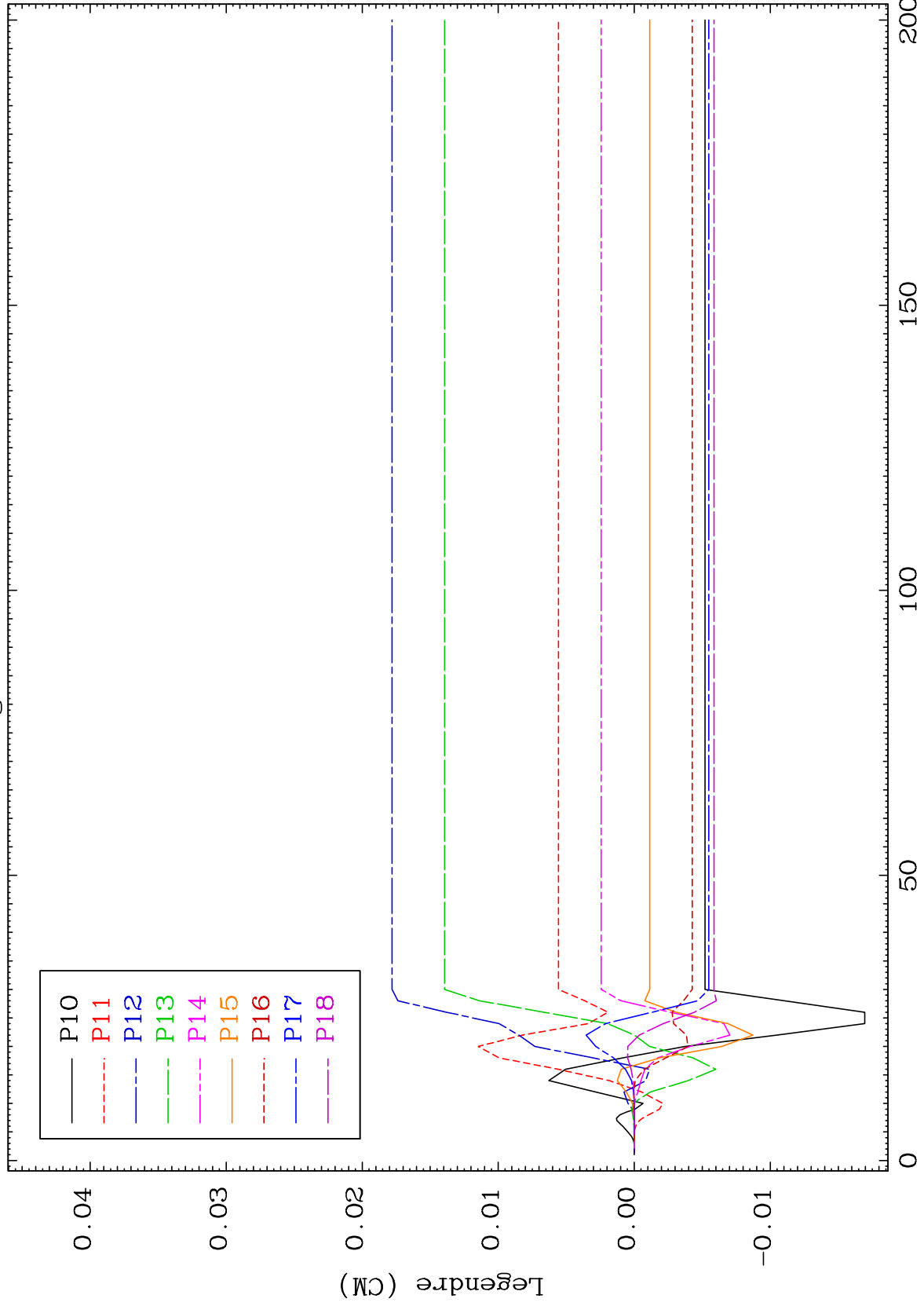
75-Re-173



MAT 7489

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

75-Re-173



48

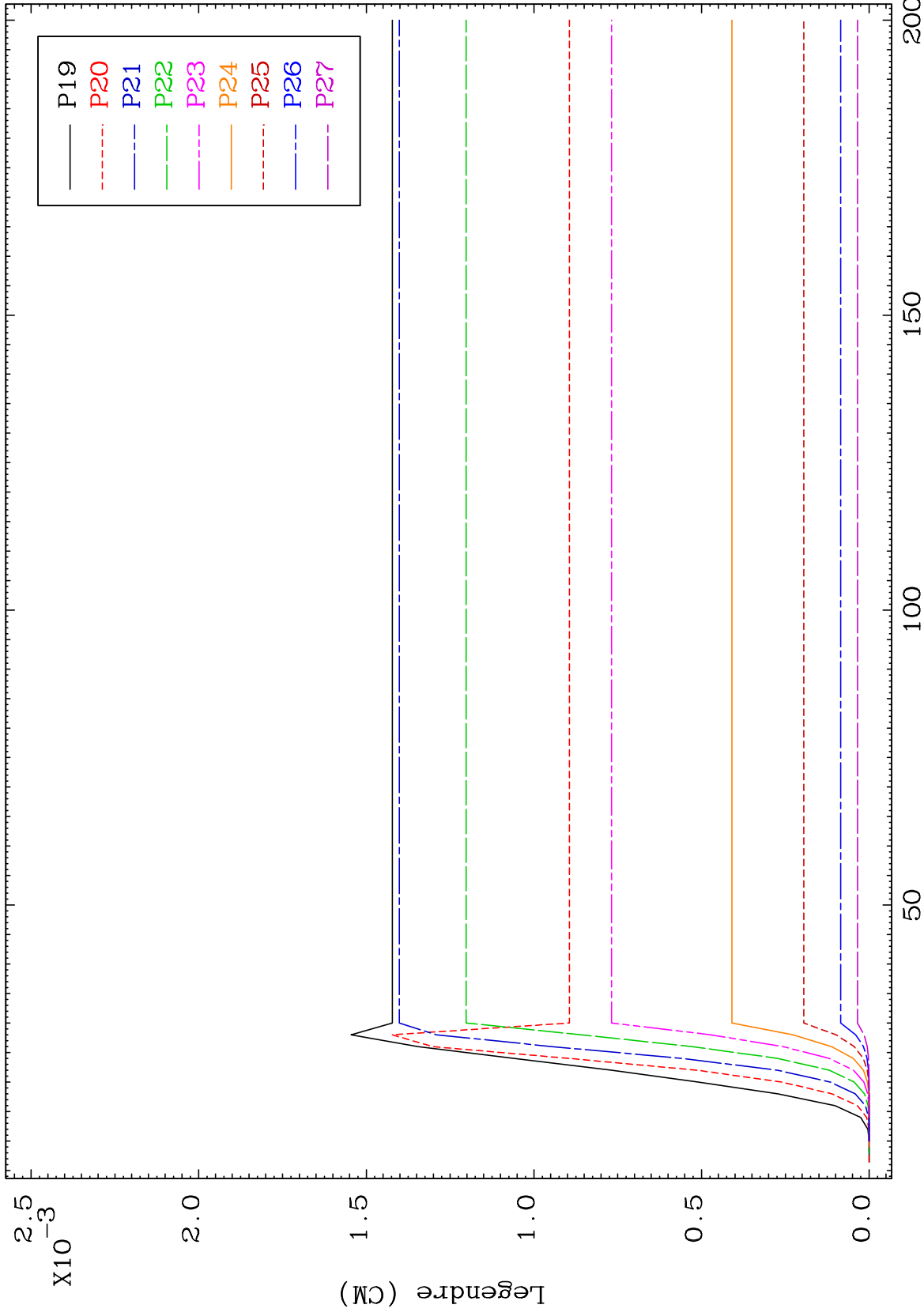
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



49

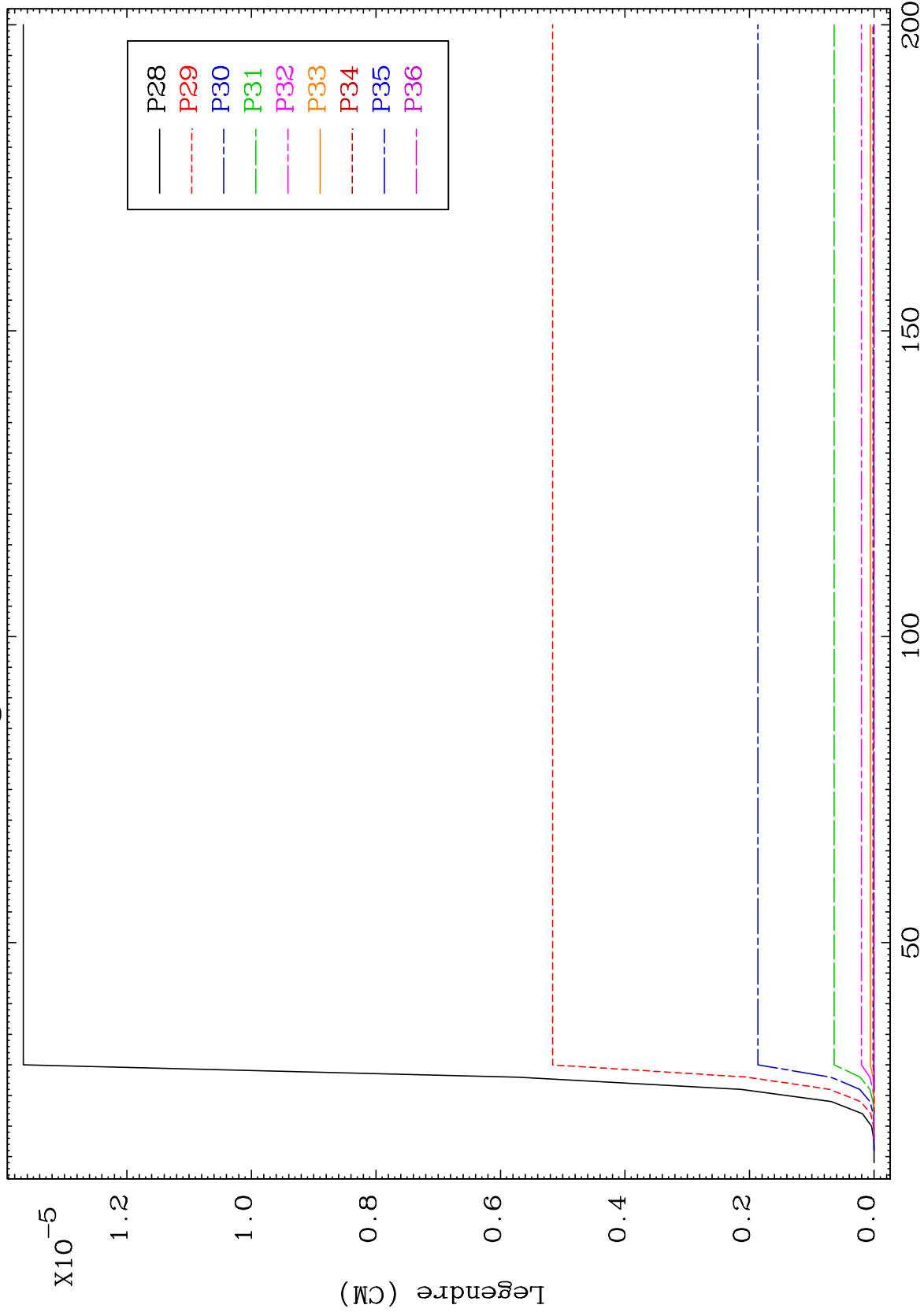
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



50

50

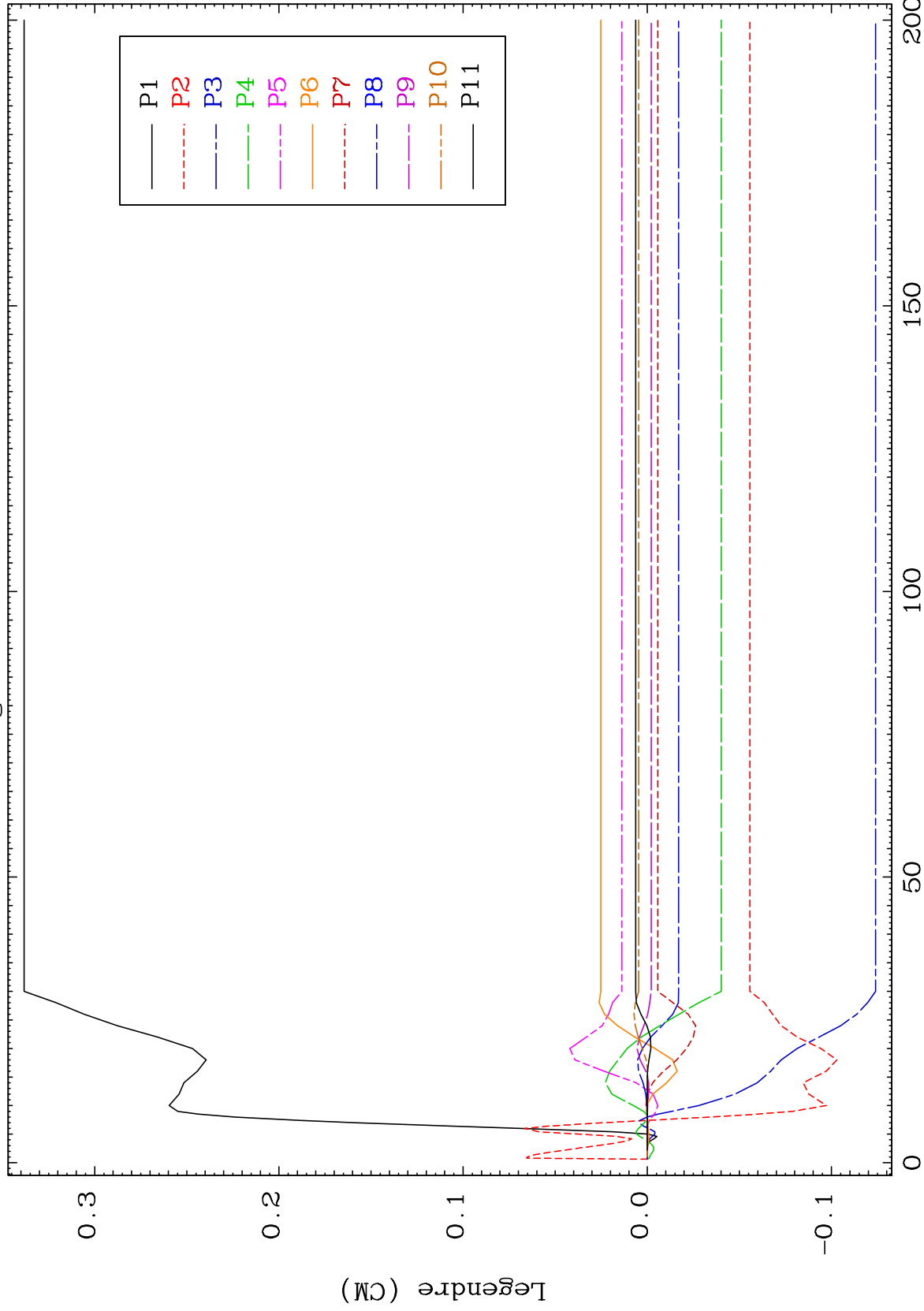
100

150

200

Incident Energy (MeV)

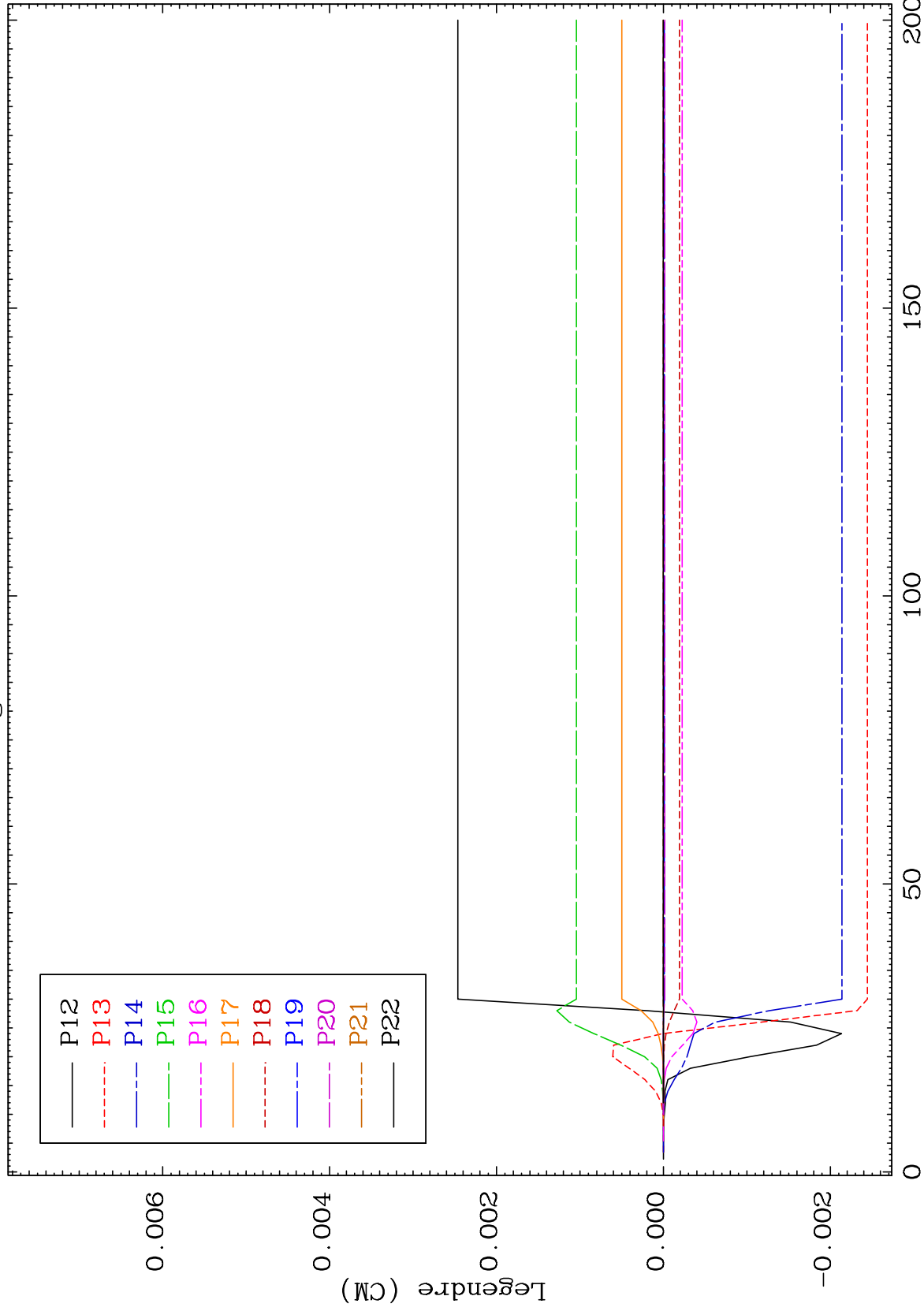
75-Re-173



MAT 7489

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

75-Re-173



52

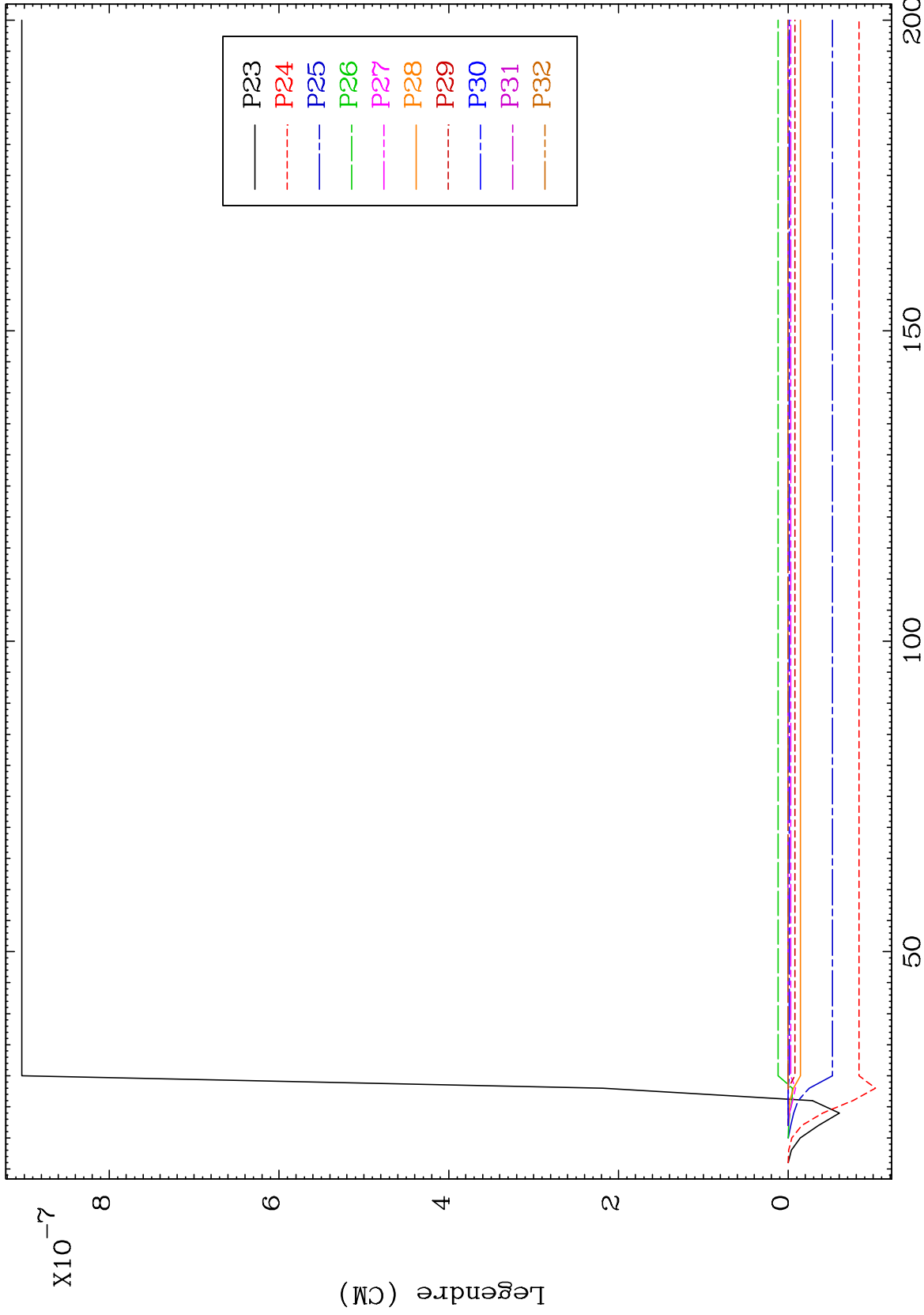
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



53

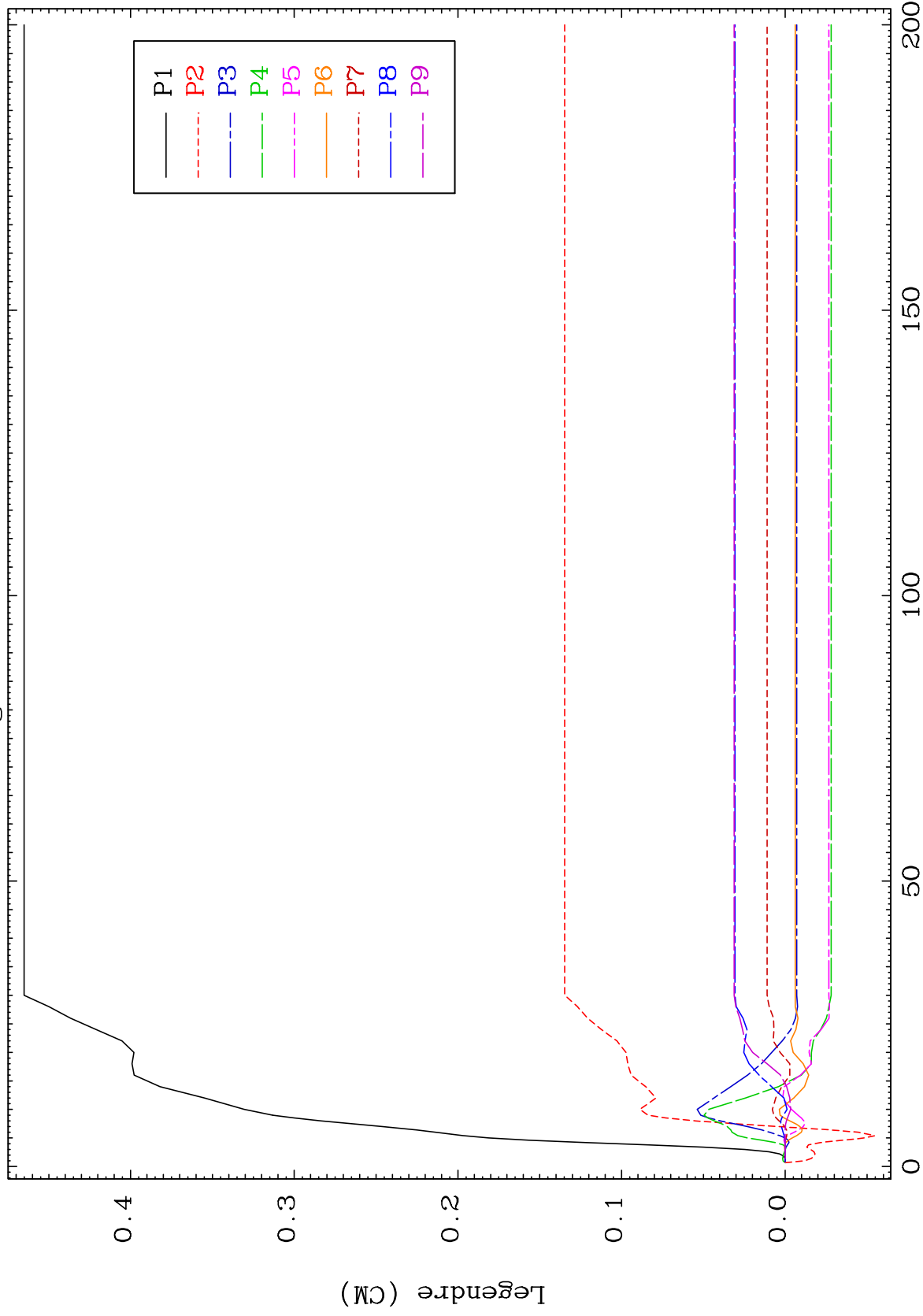
Incident Energy (MeV)

75-Re-173

MAT 7489

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

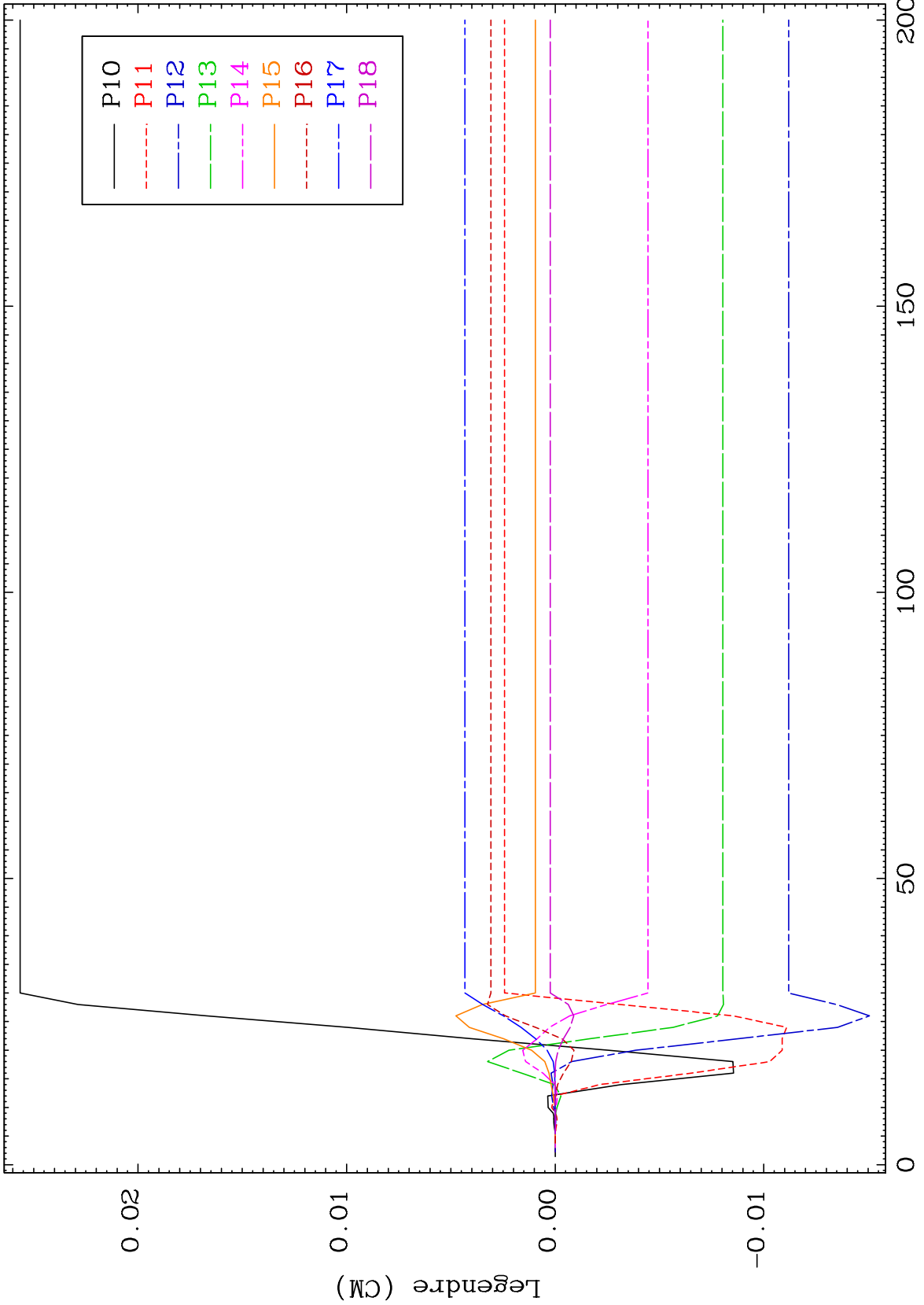
75-Re-173



54

Incident Energy (MeV)

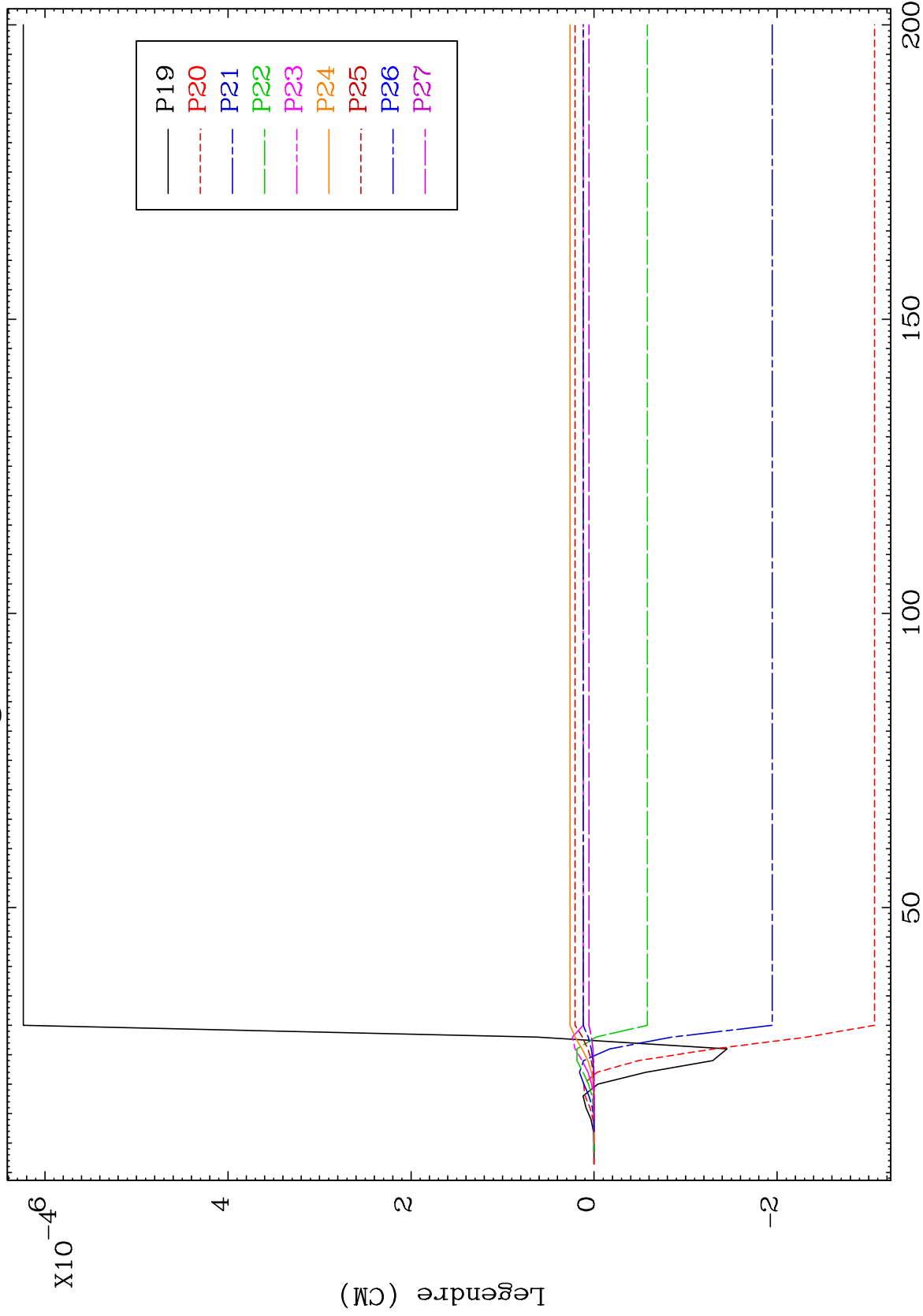
75-Re-173



MAT 7489

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

75-Re-173



56

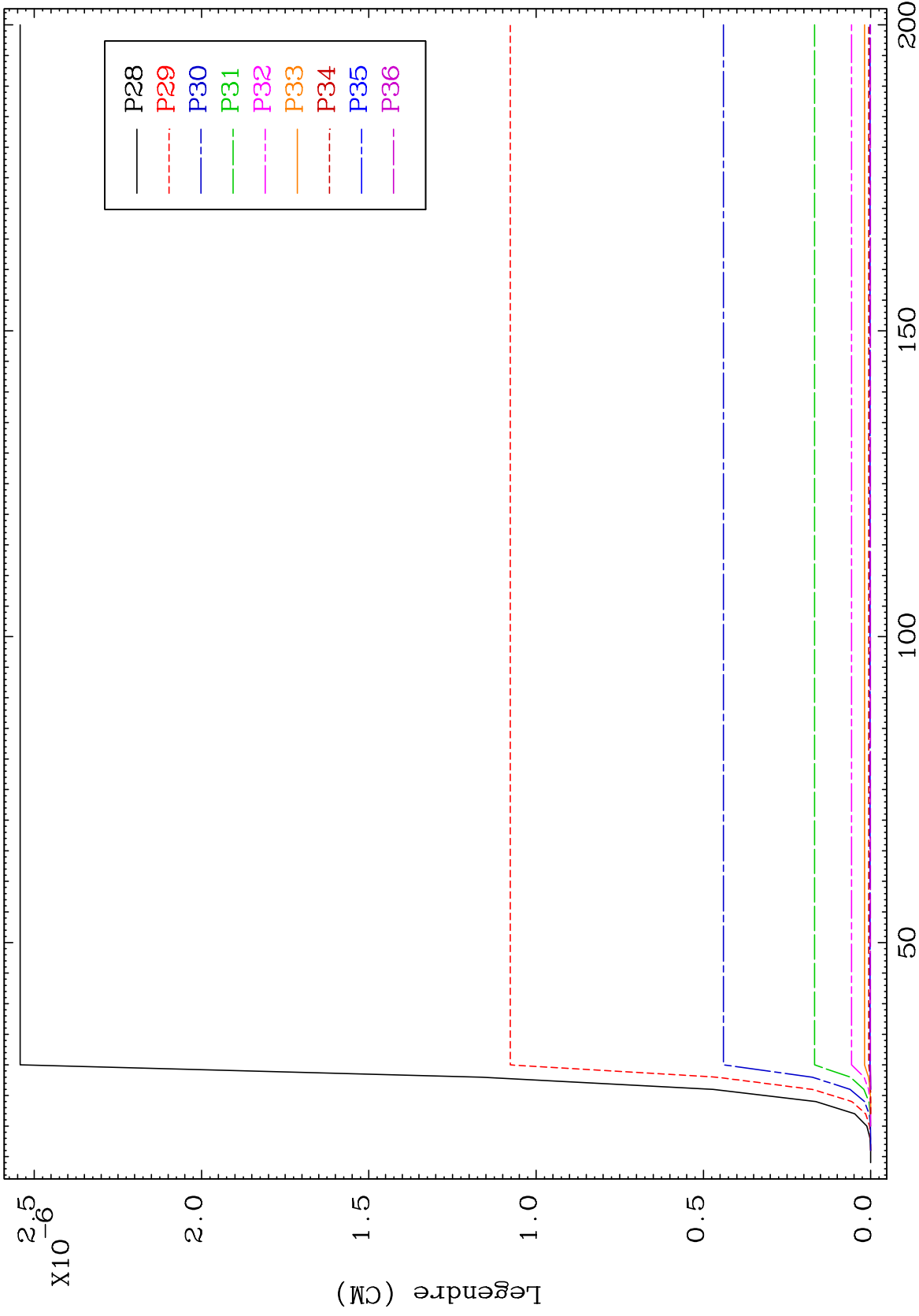
Incident Energy (MeV)

75-Re-173

MAT 7489

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

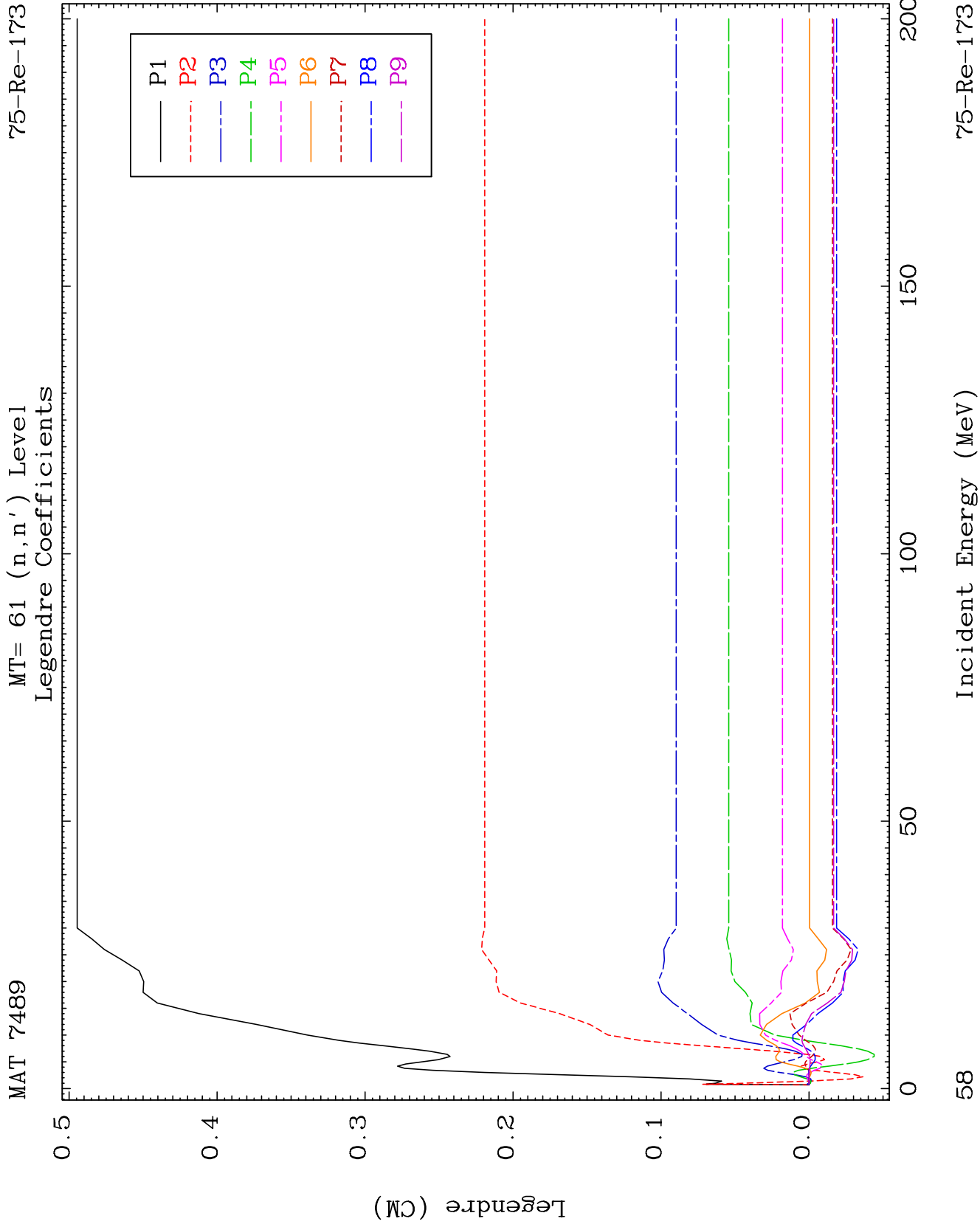
75-Re-173



57

Incident Energy (MeV)

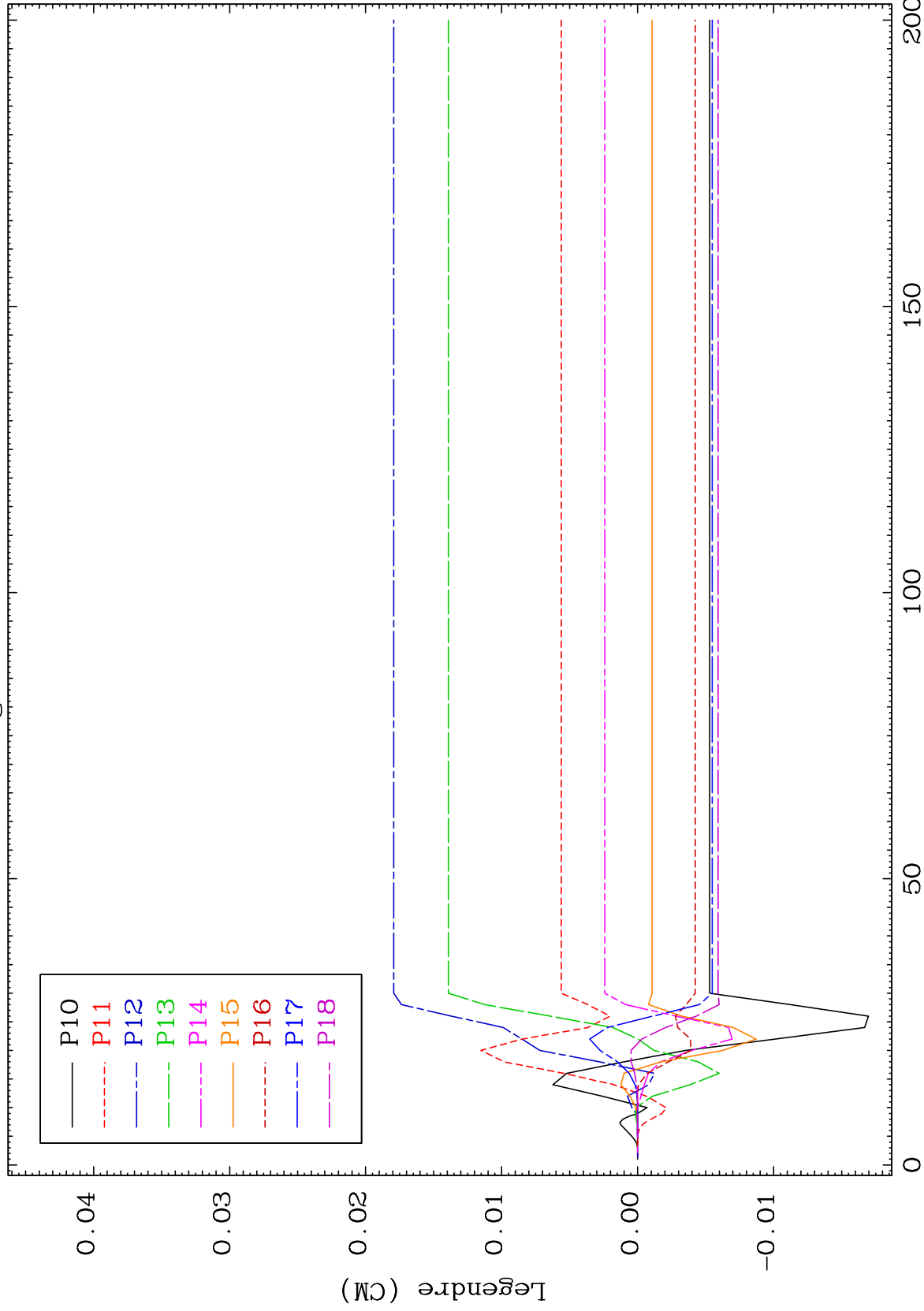
75-Re-173



MAT 7489

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

75-Re-173



59

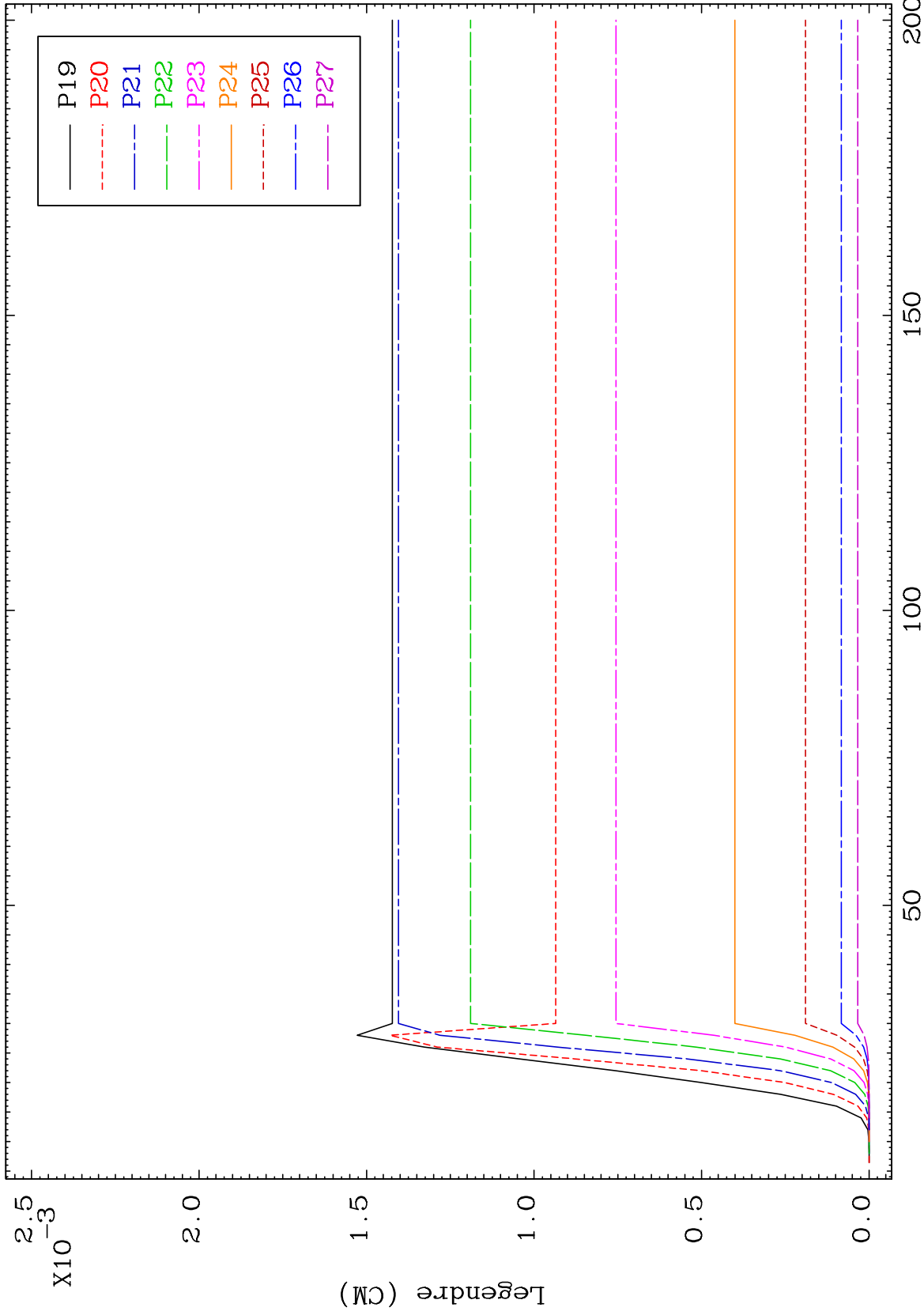
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



60

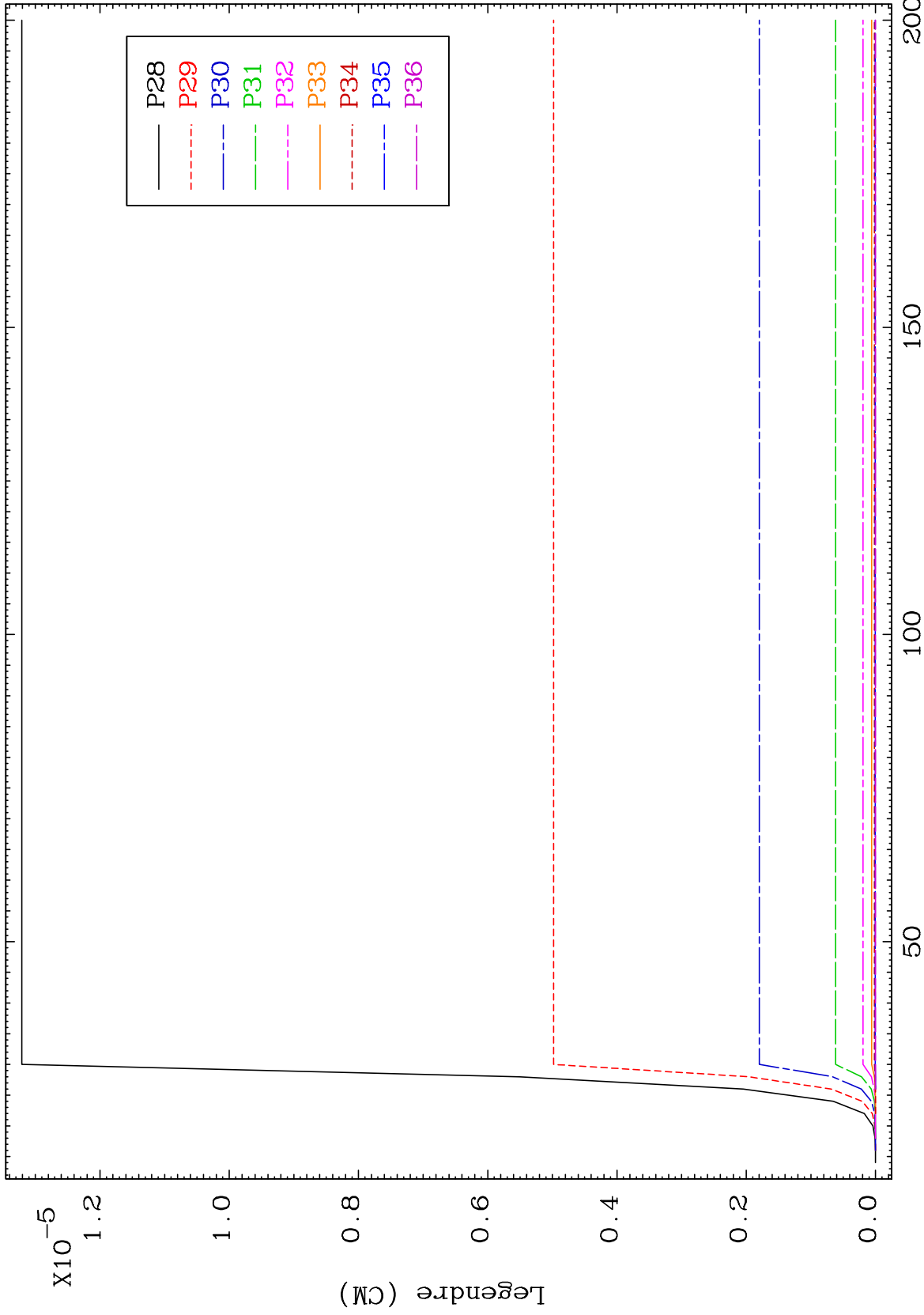
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



61

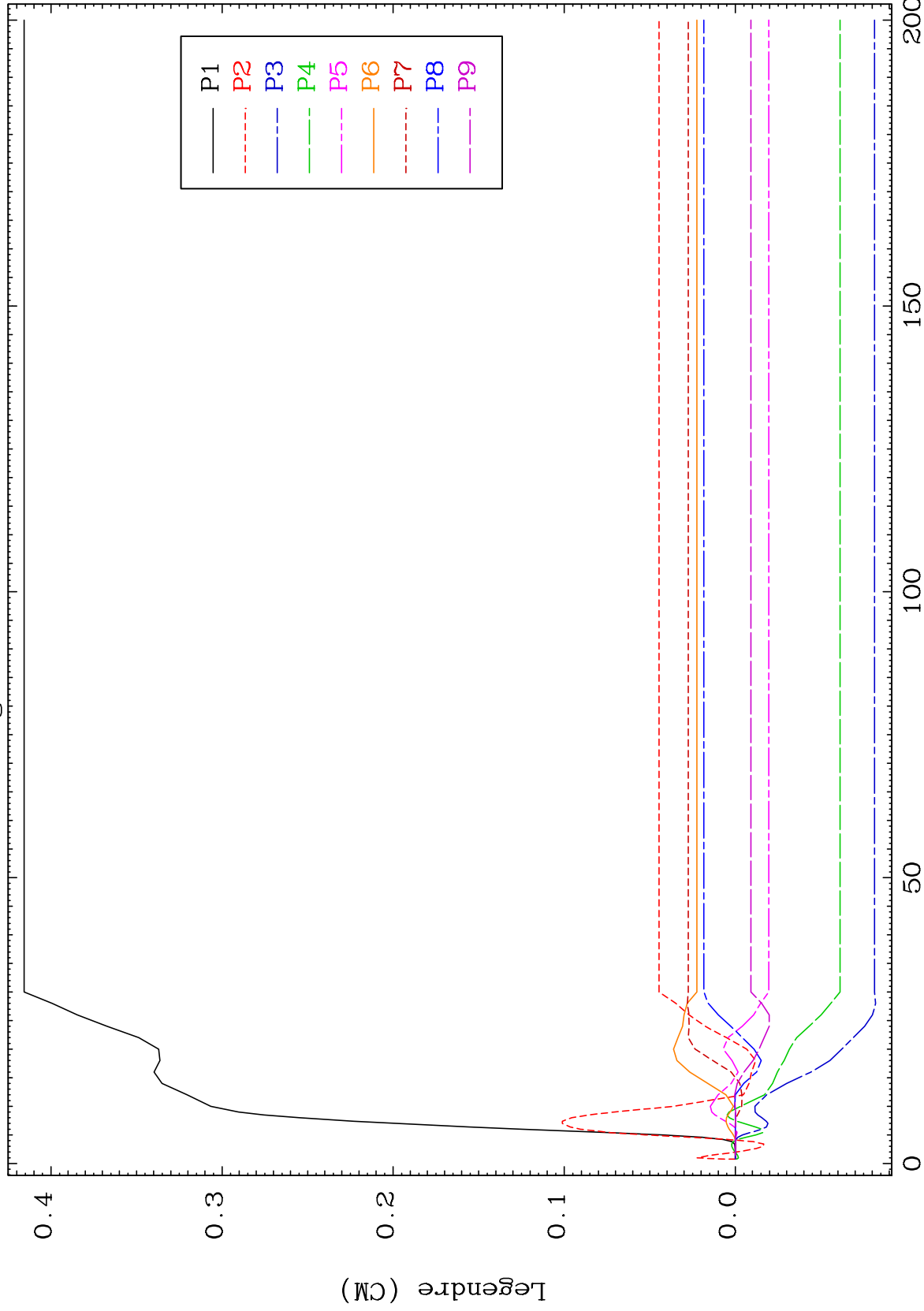
Incident Energy (MeV)

75-Re-173

MAT 7489

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

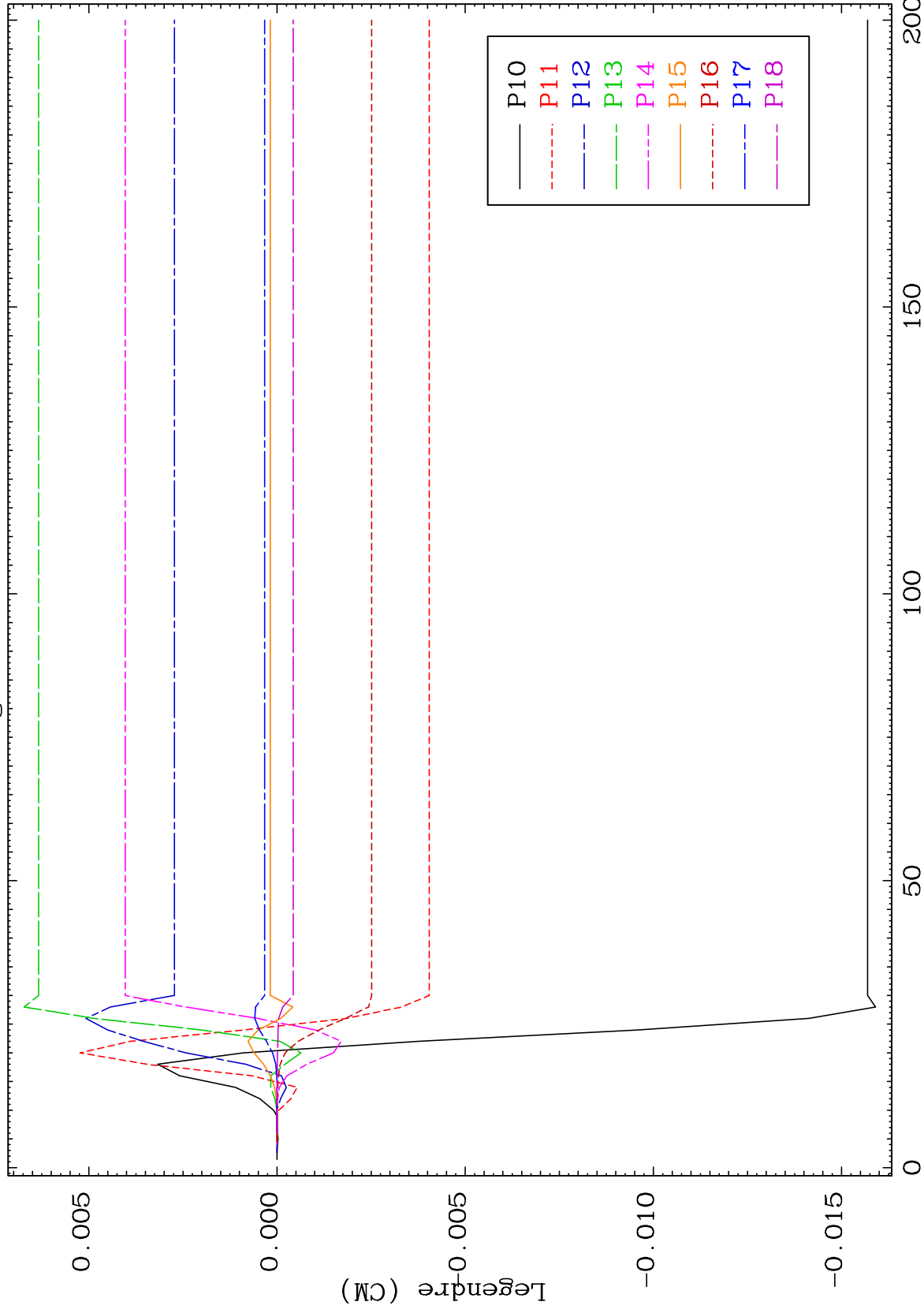
75-Re-173



62

Incident Energy (MeV)

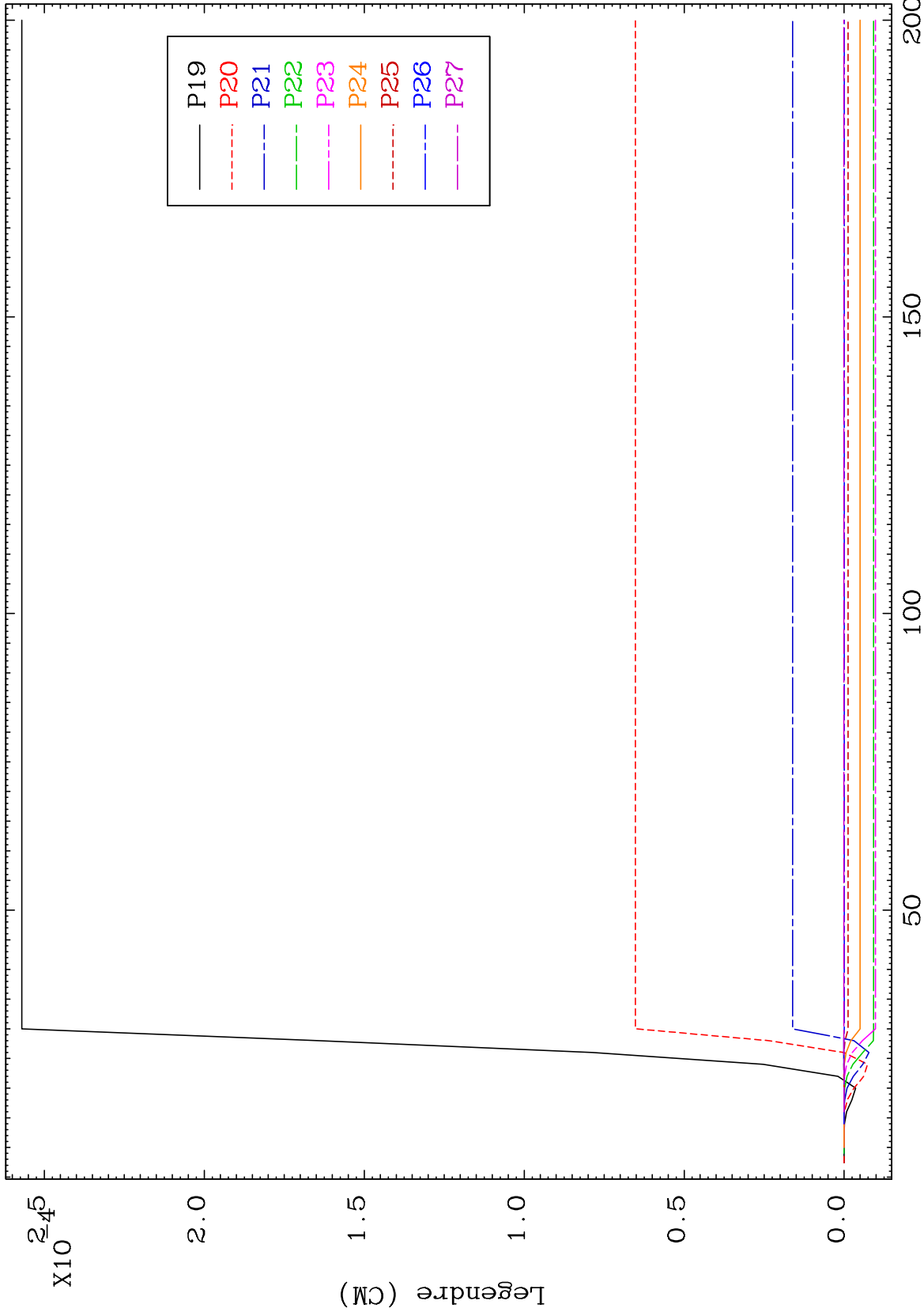
75-Re-173



MAT 7489

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

75-Re-173



64

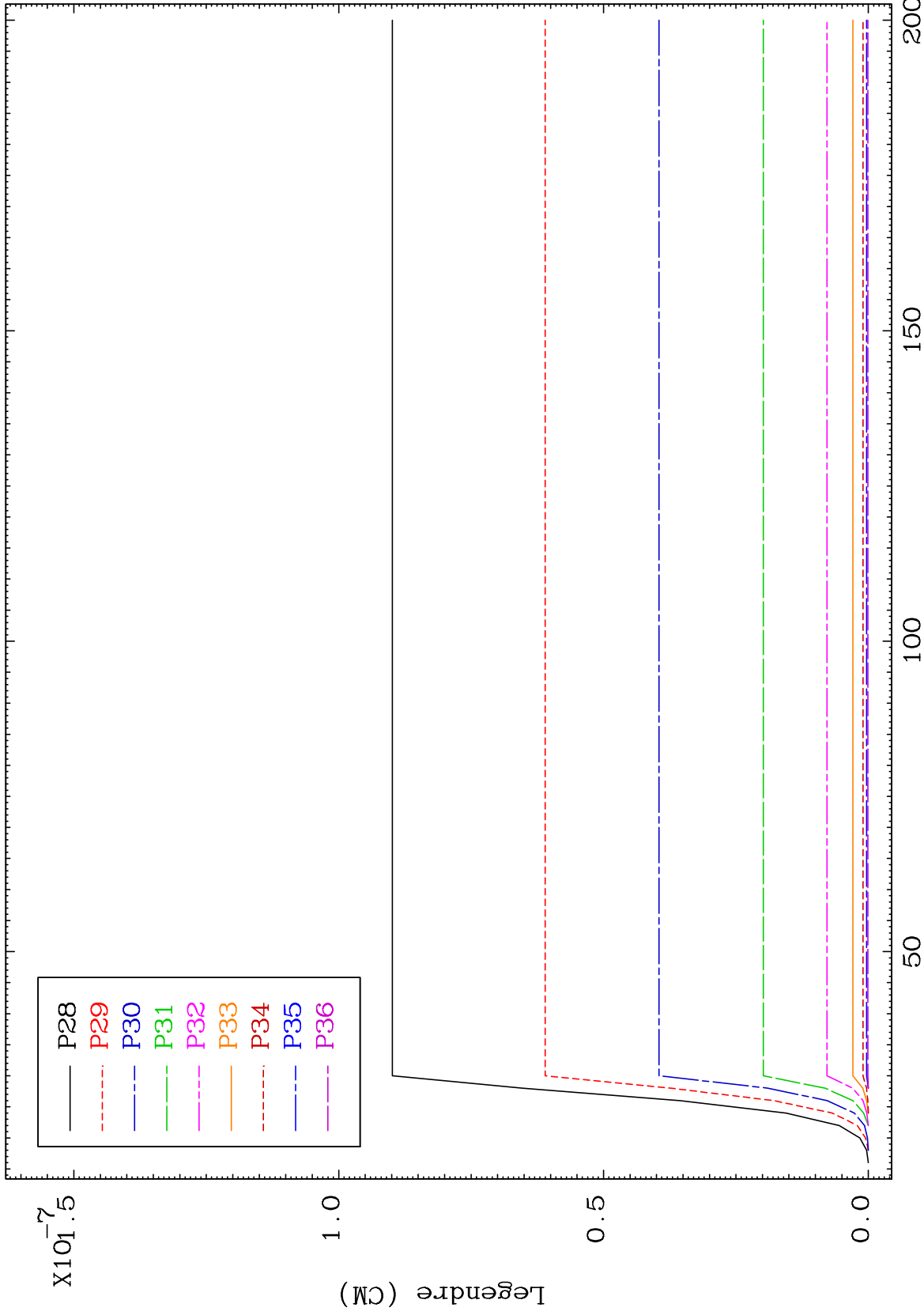
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



65

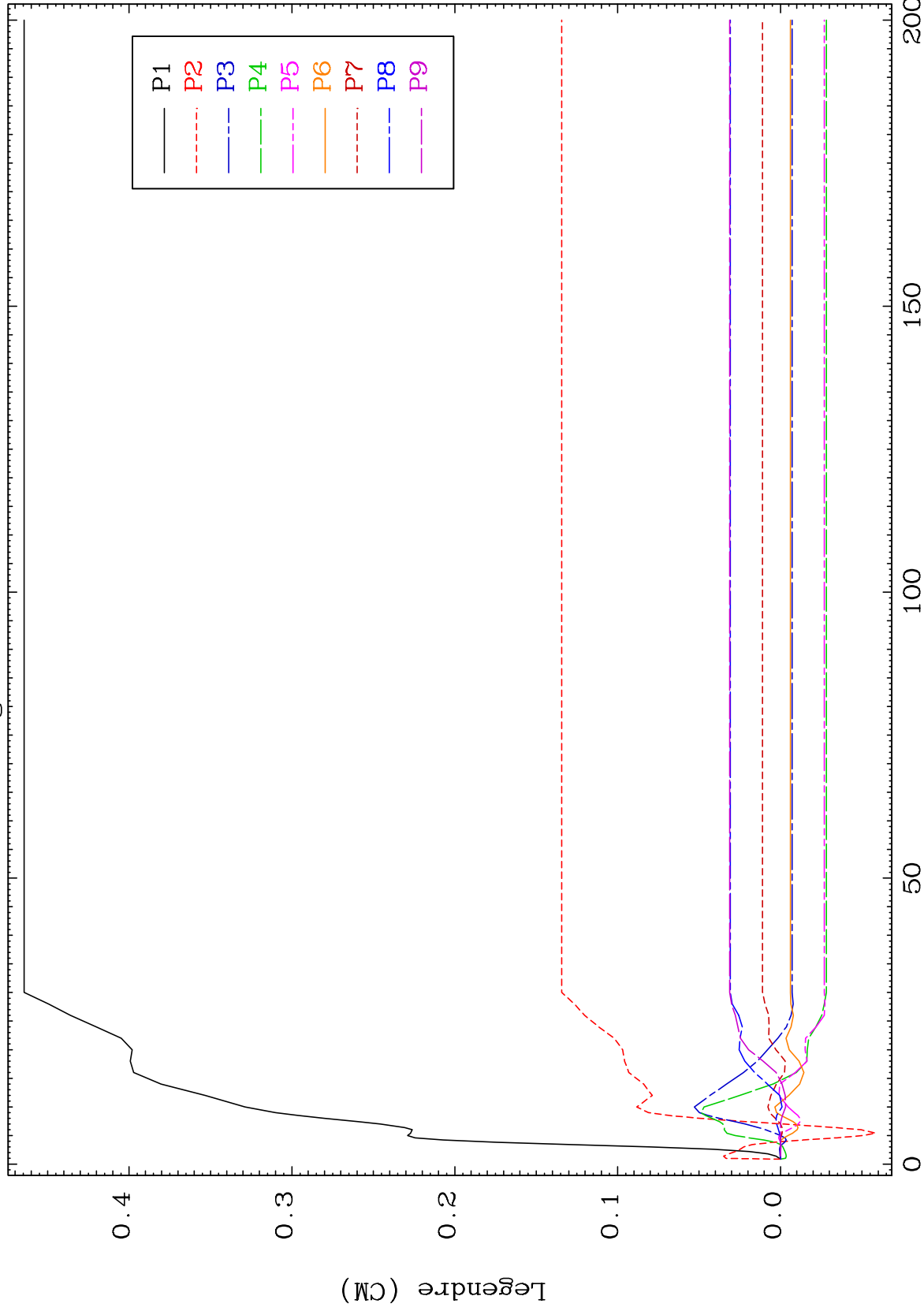
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



66

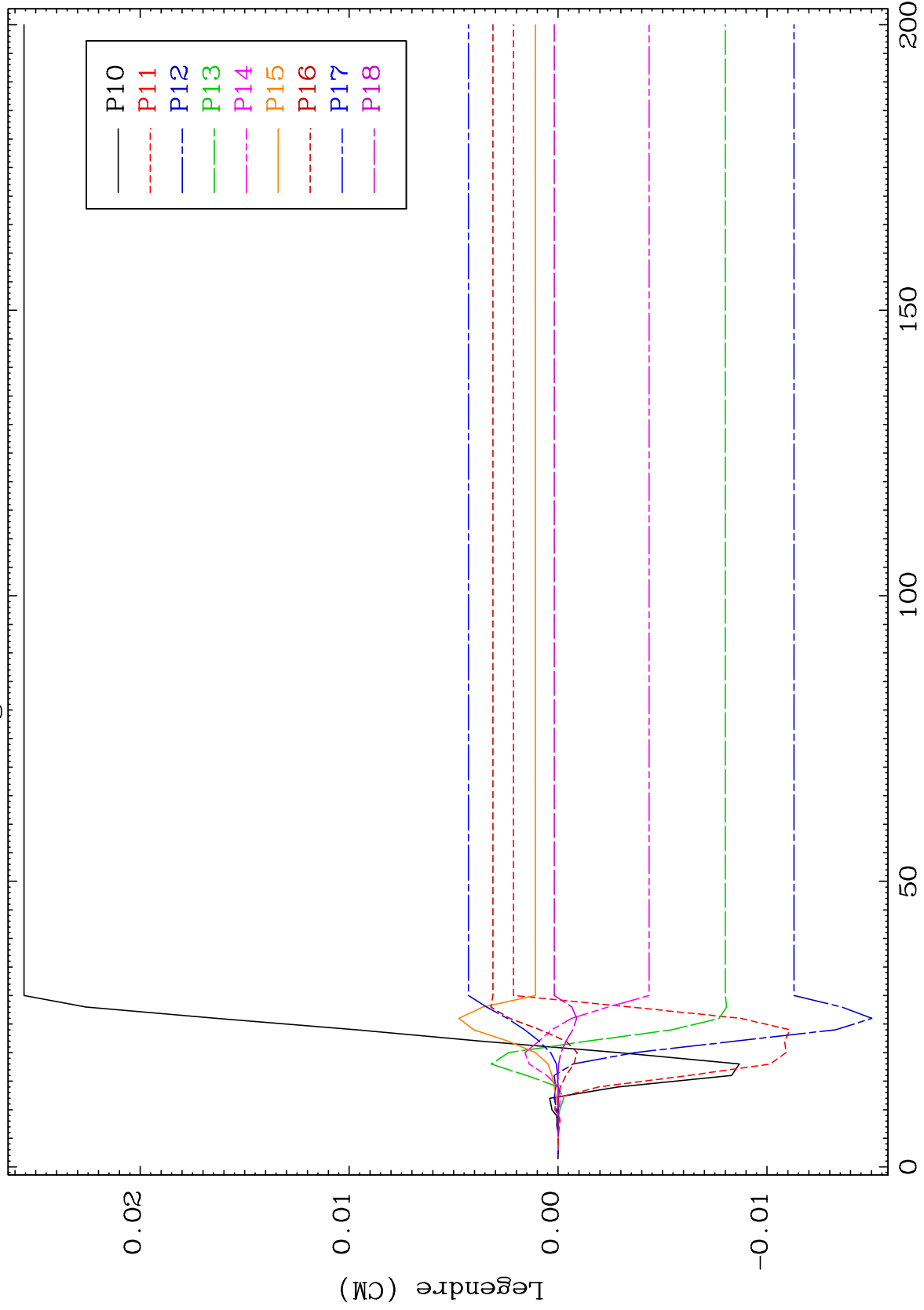
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



67

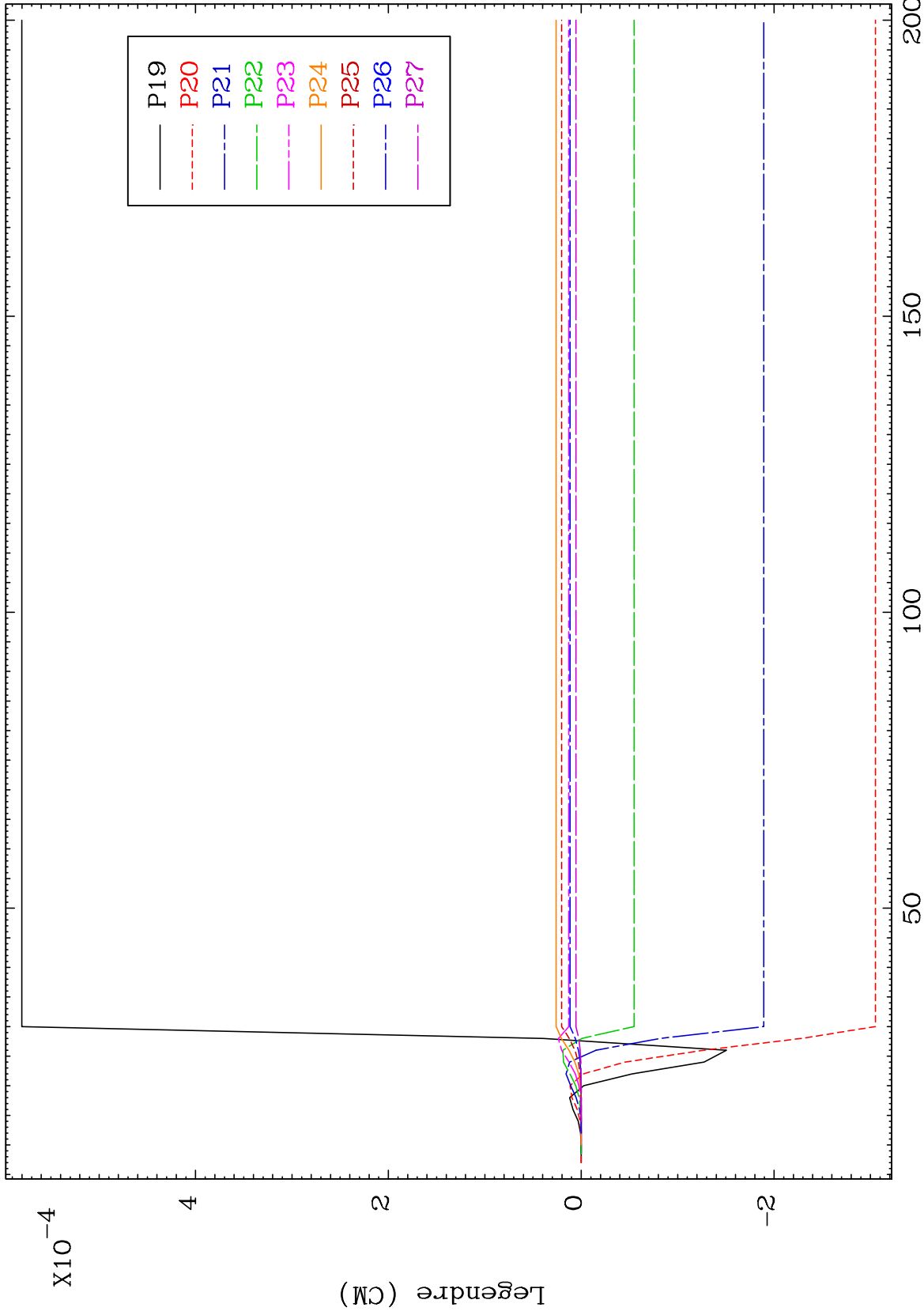
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



68

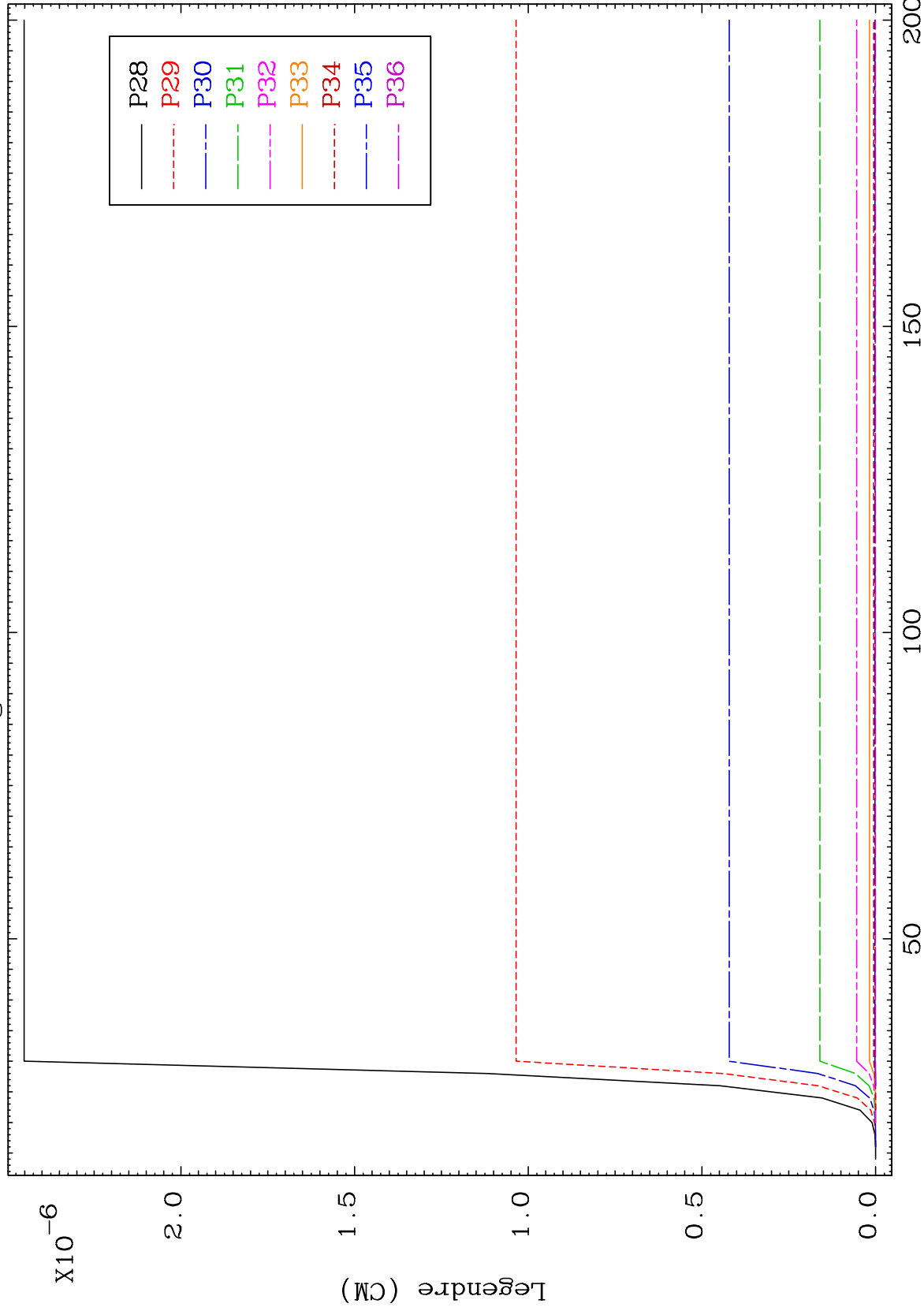
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



69

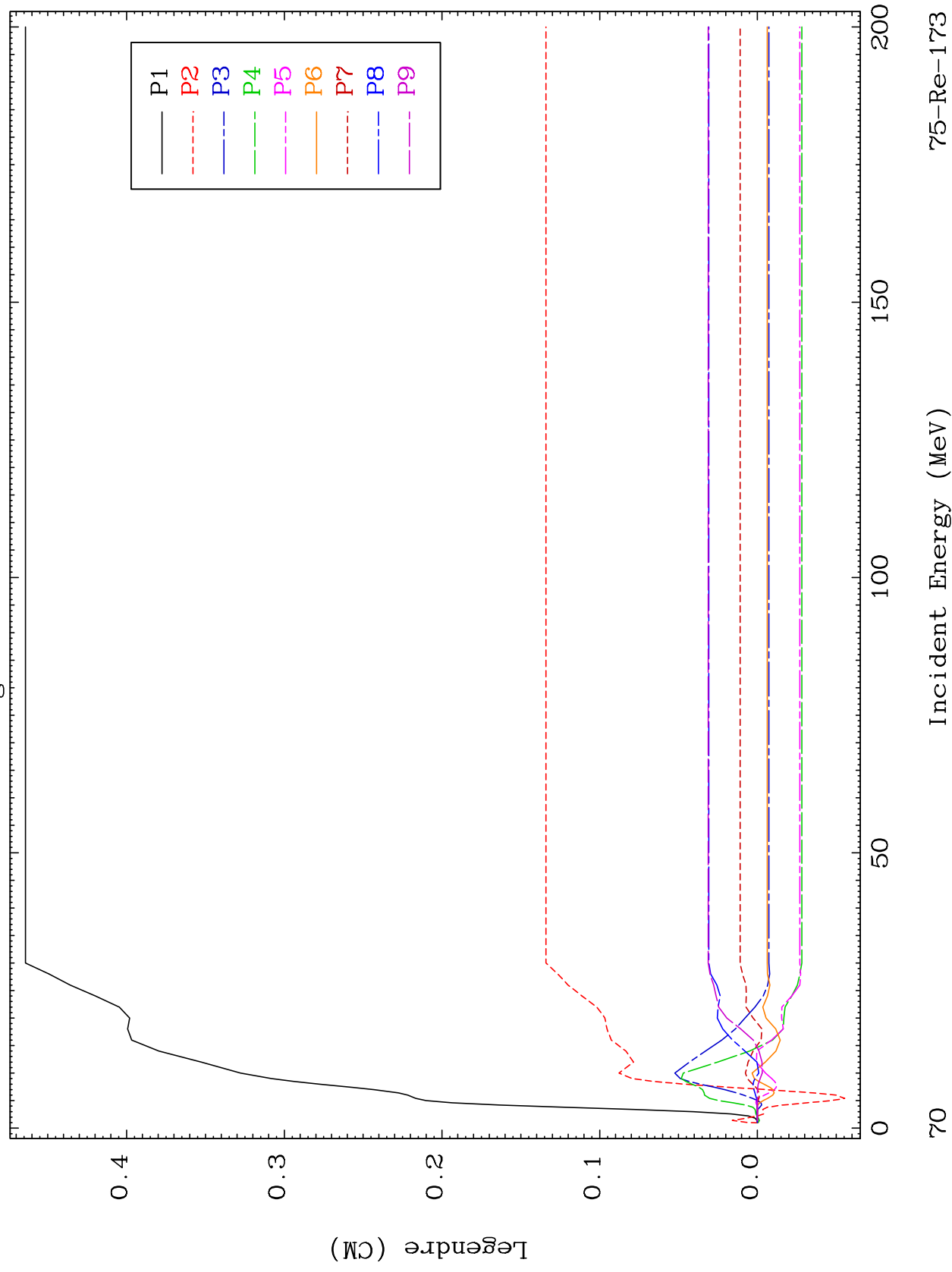
Incident Energy (MeV)

75-Re-173

MAT 7489

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

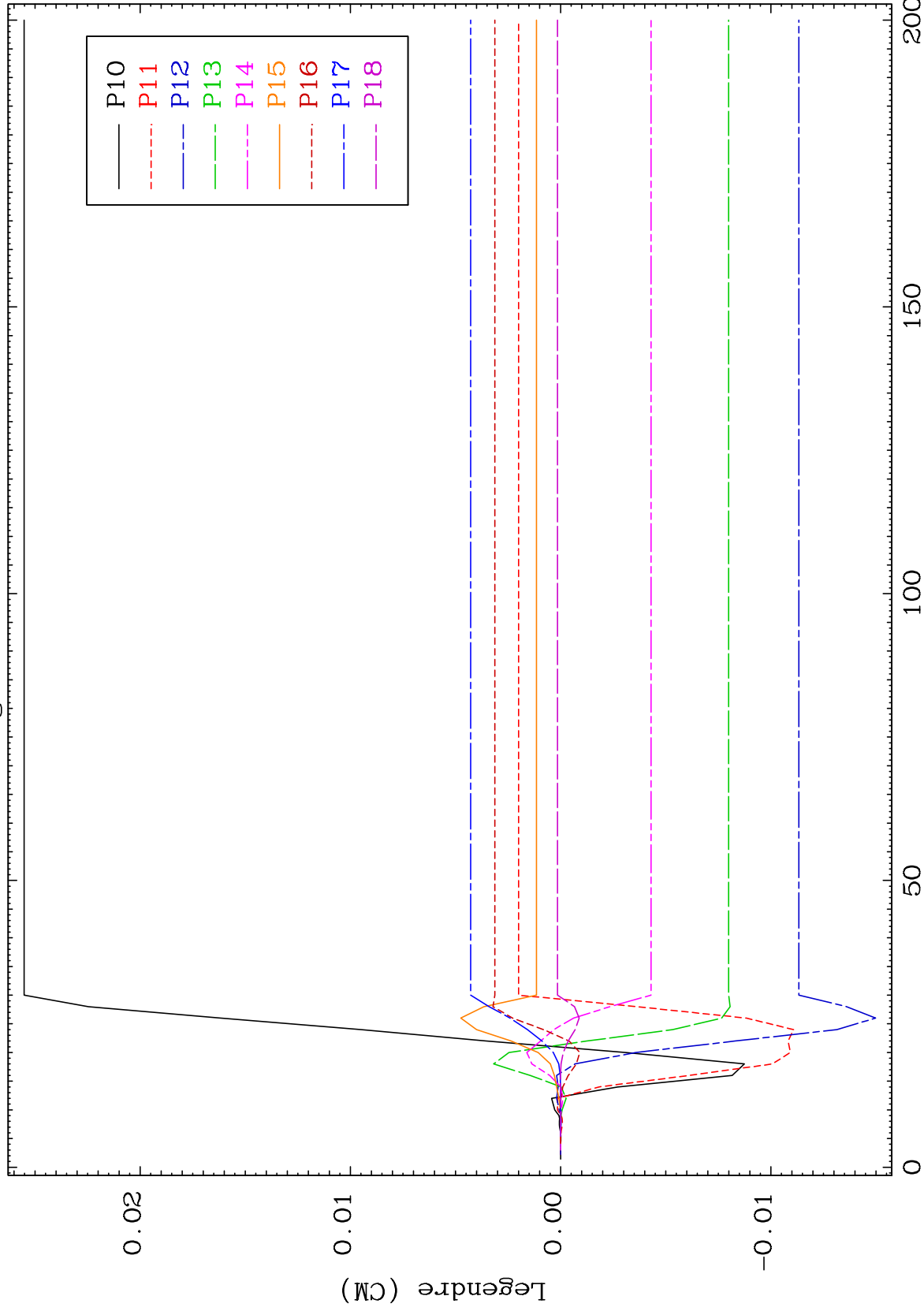
75-Re-173



MAT 7489

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

75-Re-173



71

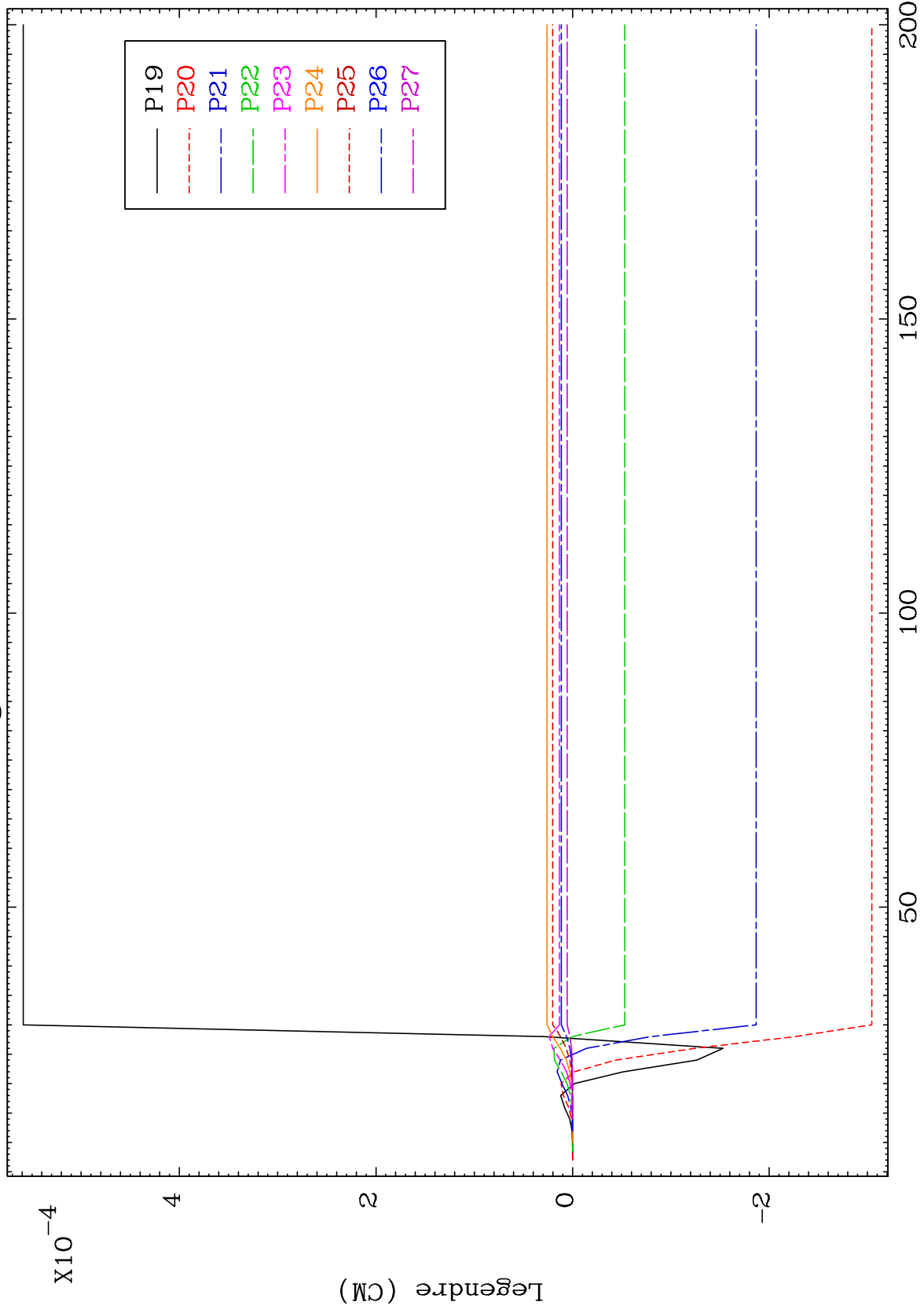
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



72

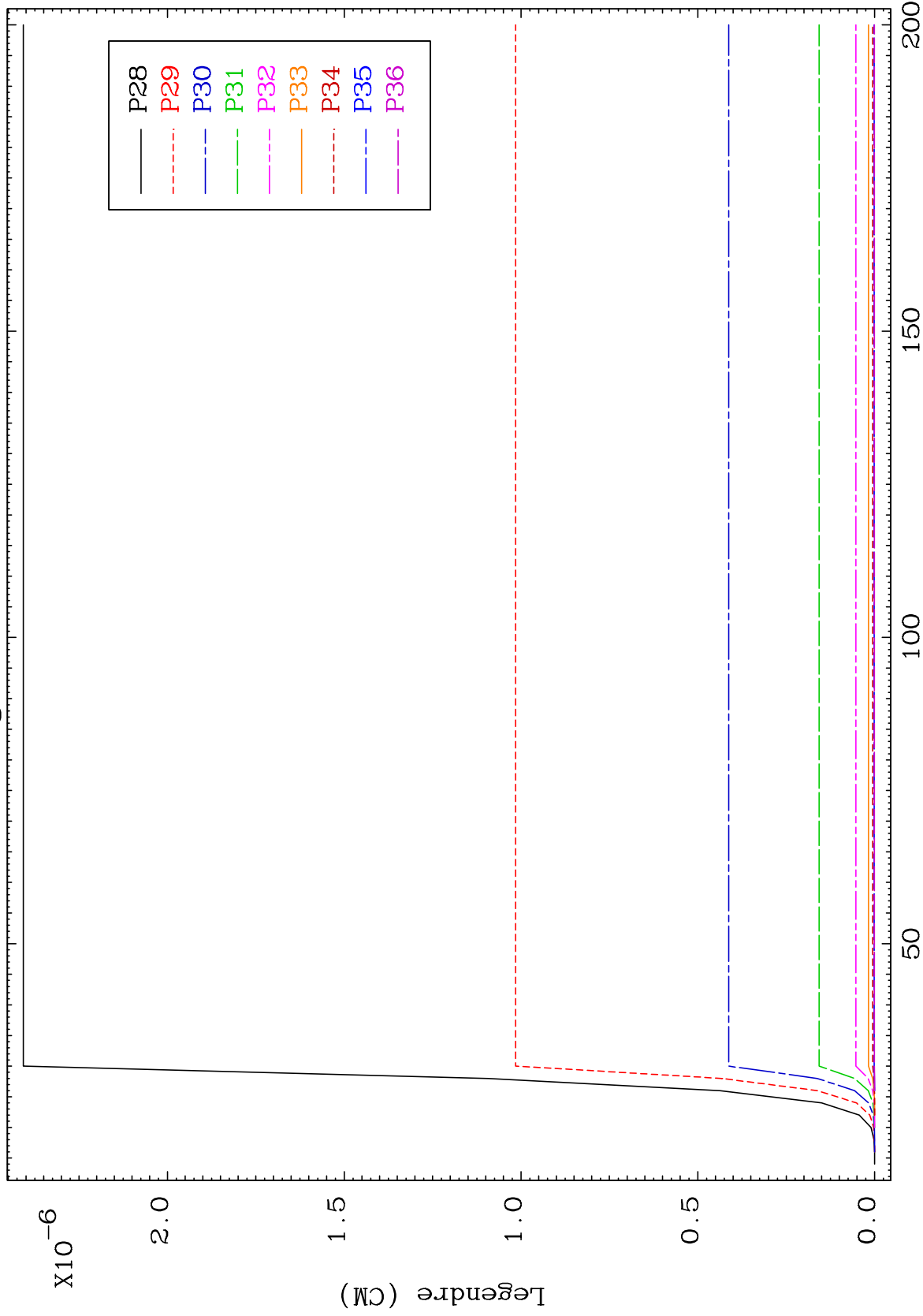
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



73

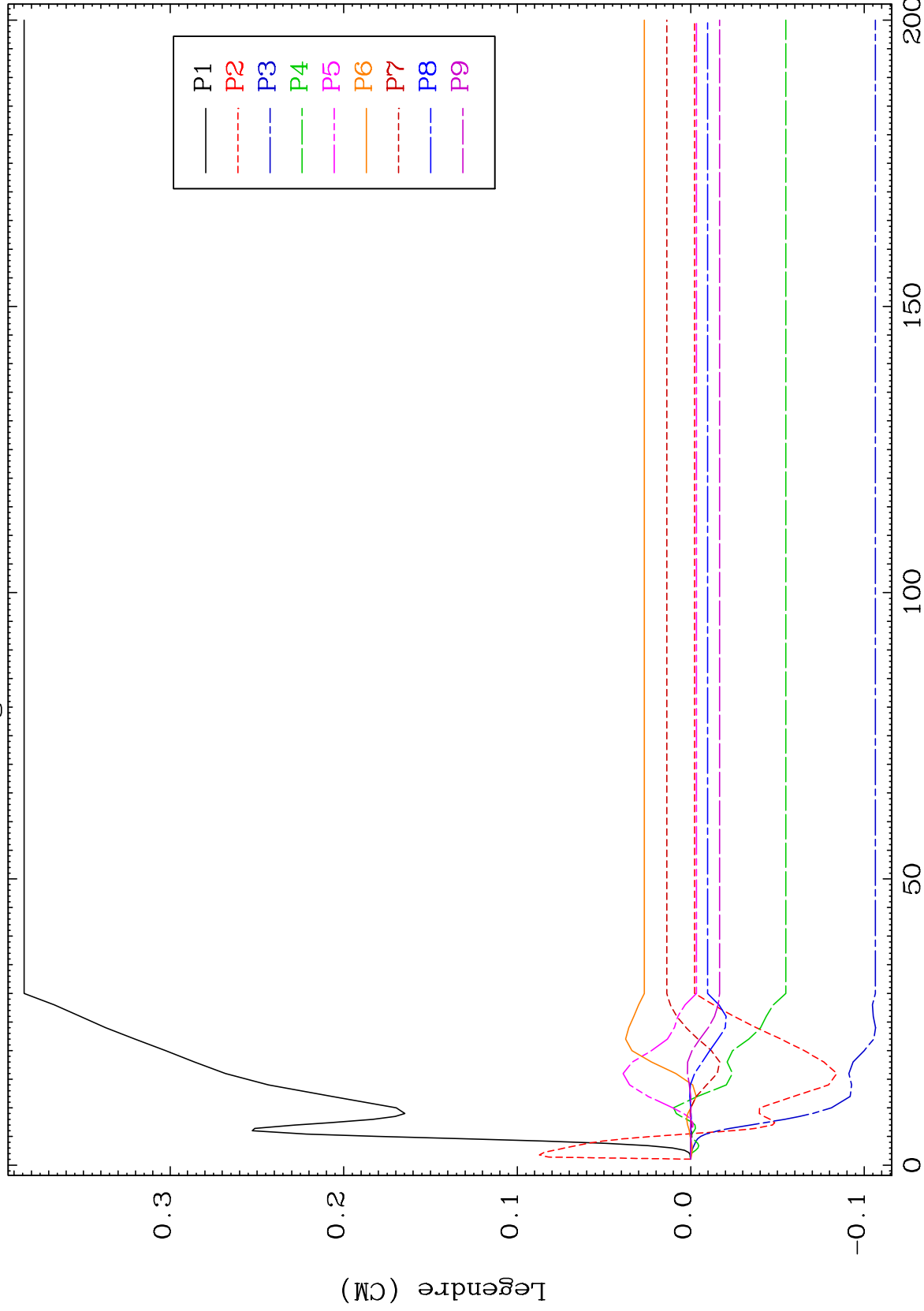
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



74

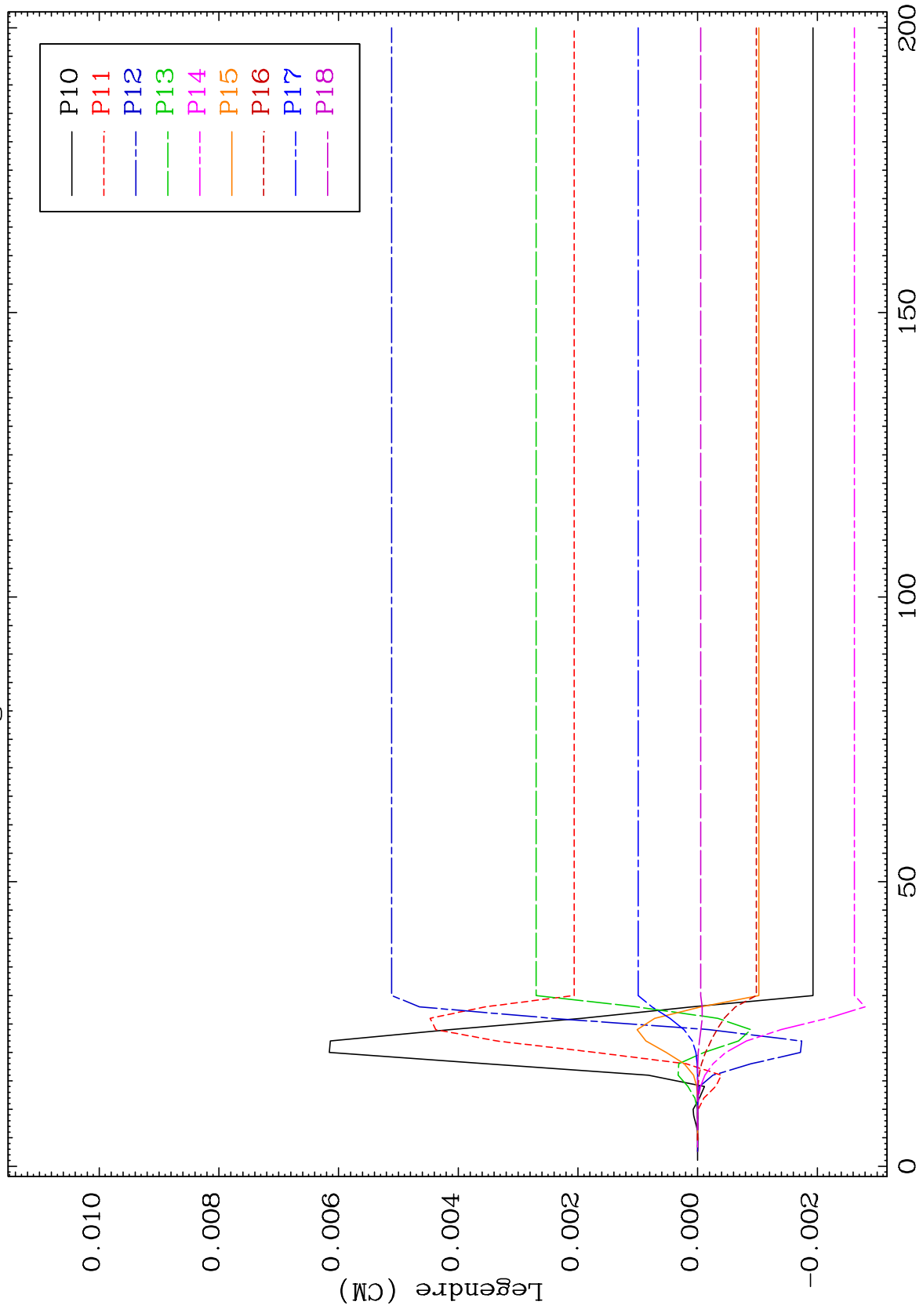
Incident Energy (MeV)

75-Re-173

MAT 7489

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

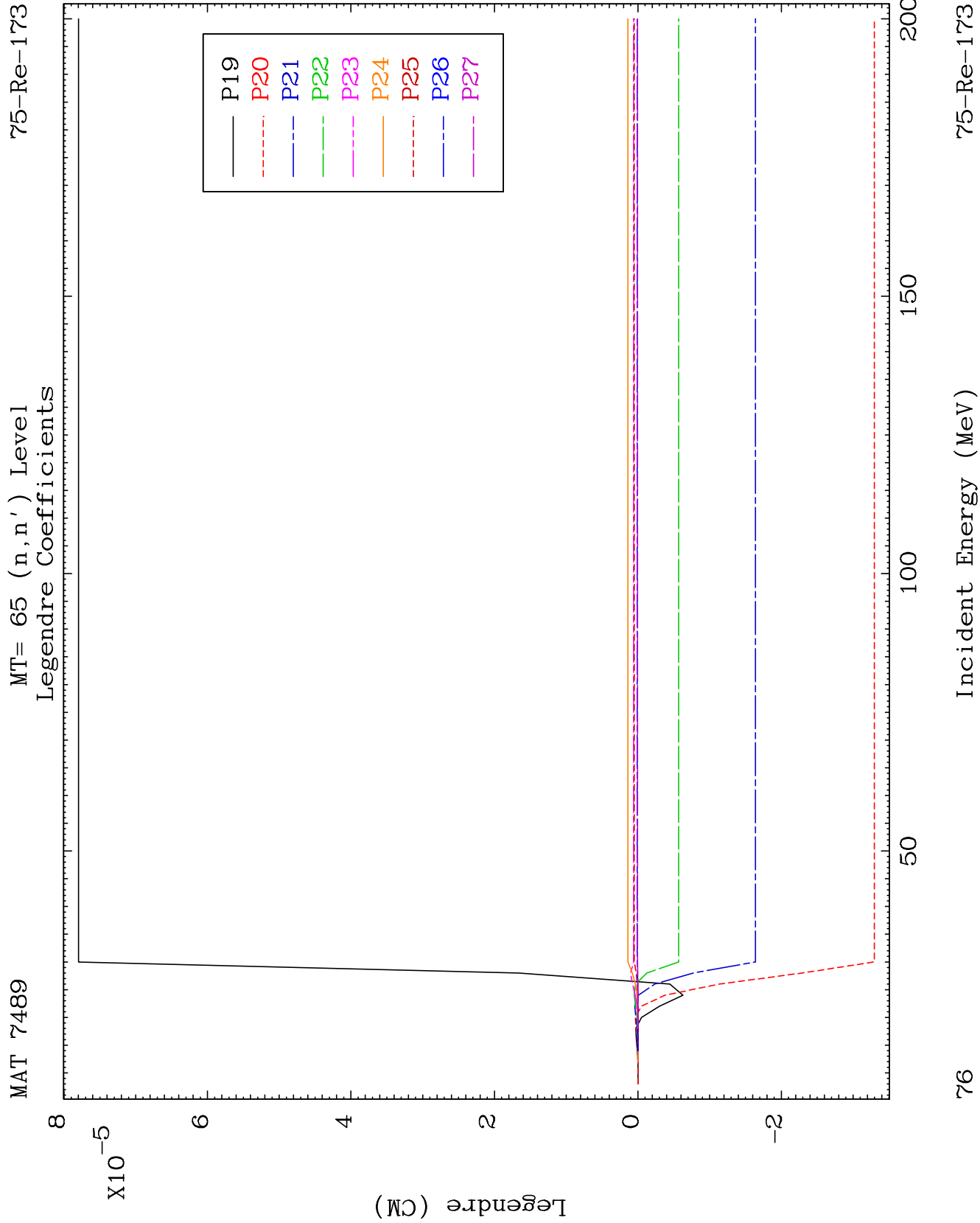
75-Re-173



52

Incident Energy (MeV)

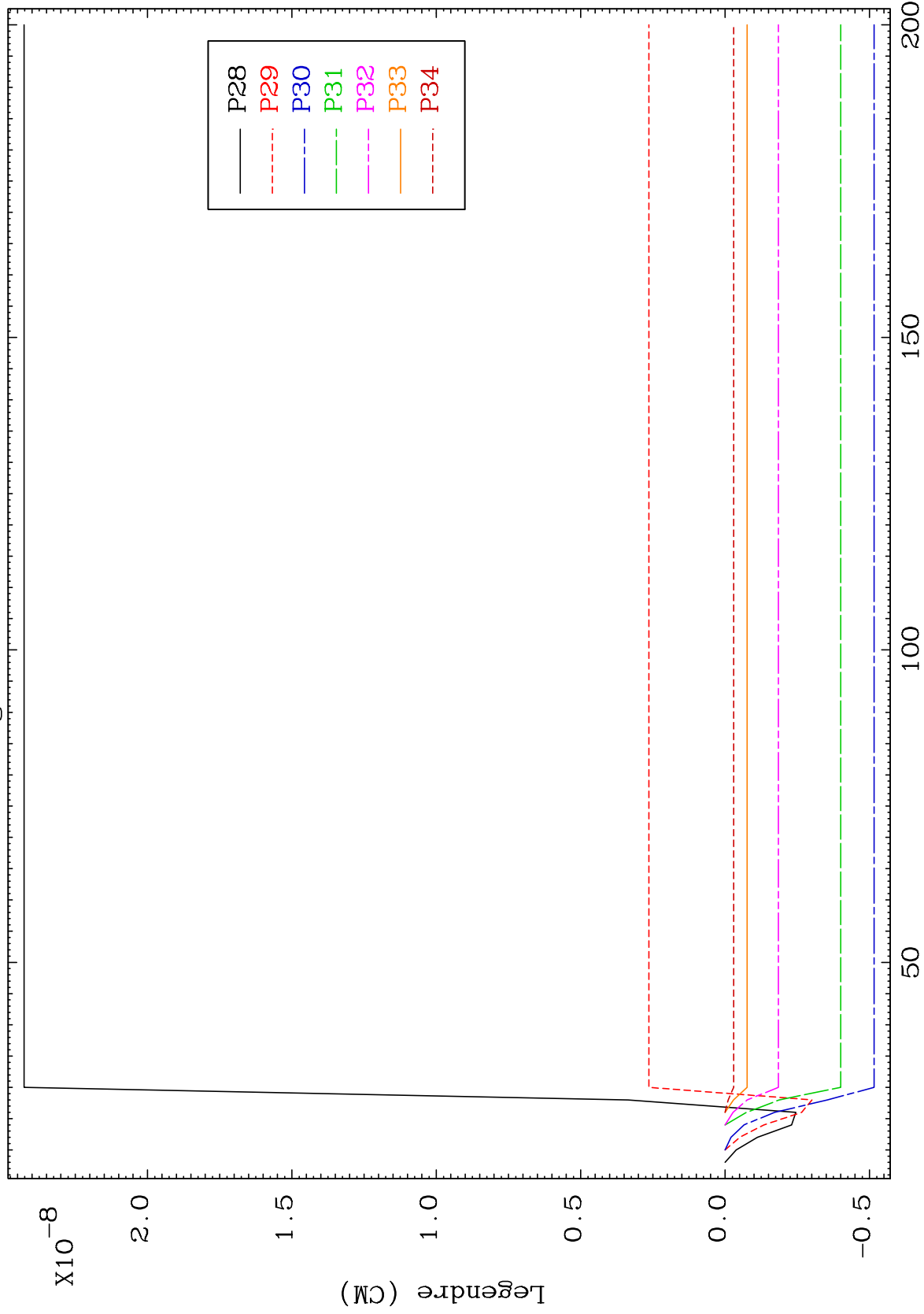
75-Re-173



MAT 7489

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

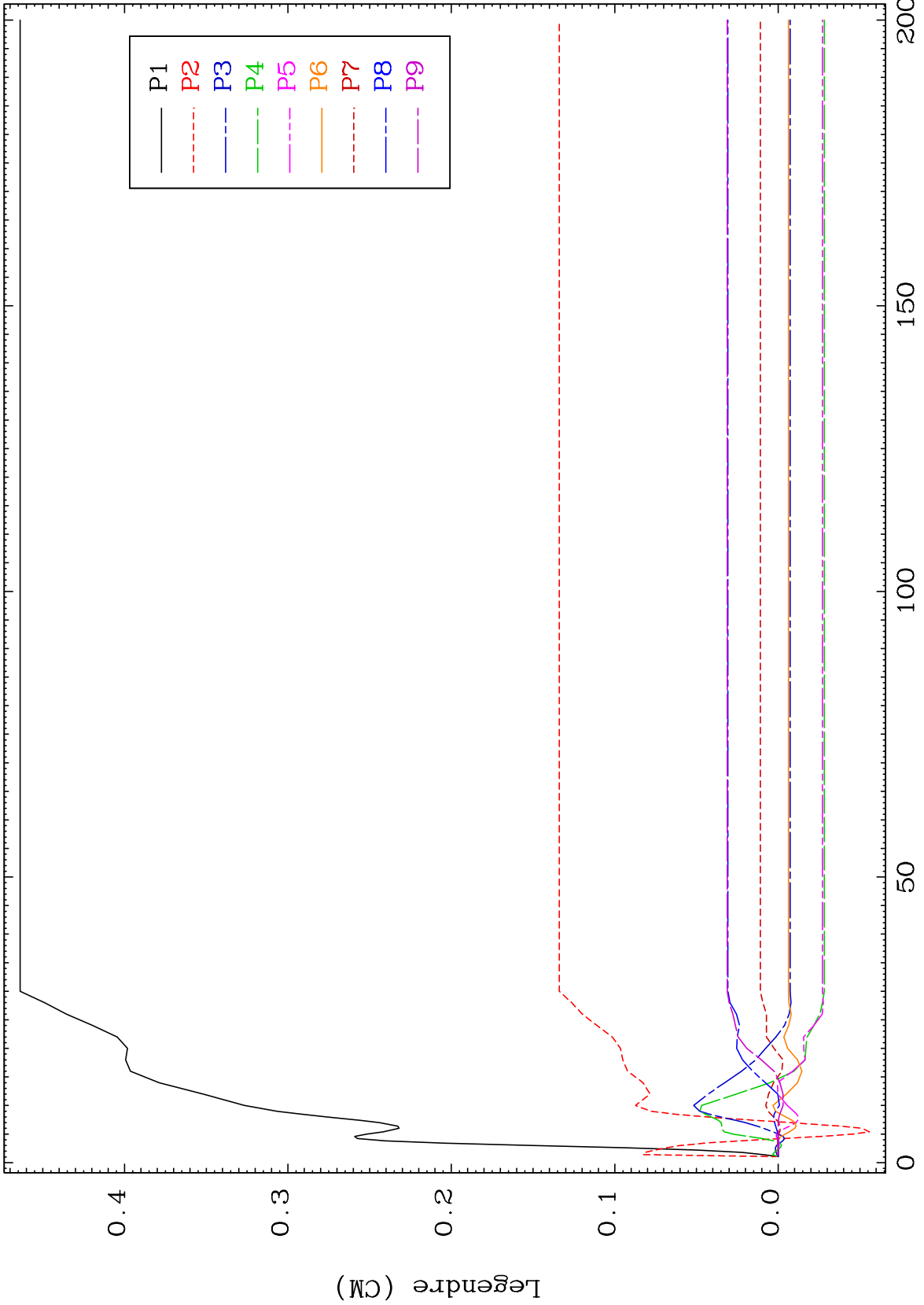
75-Re-173



77

Incident Energy (MeV)

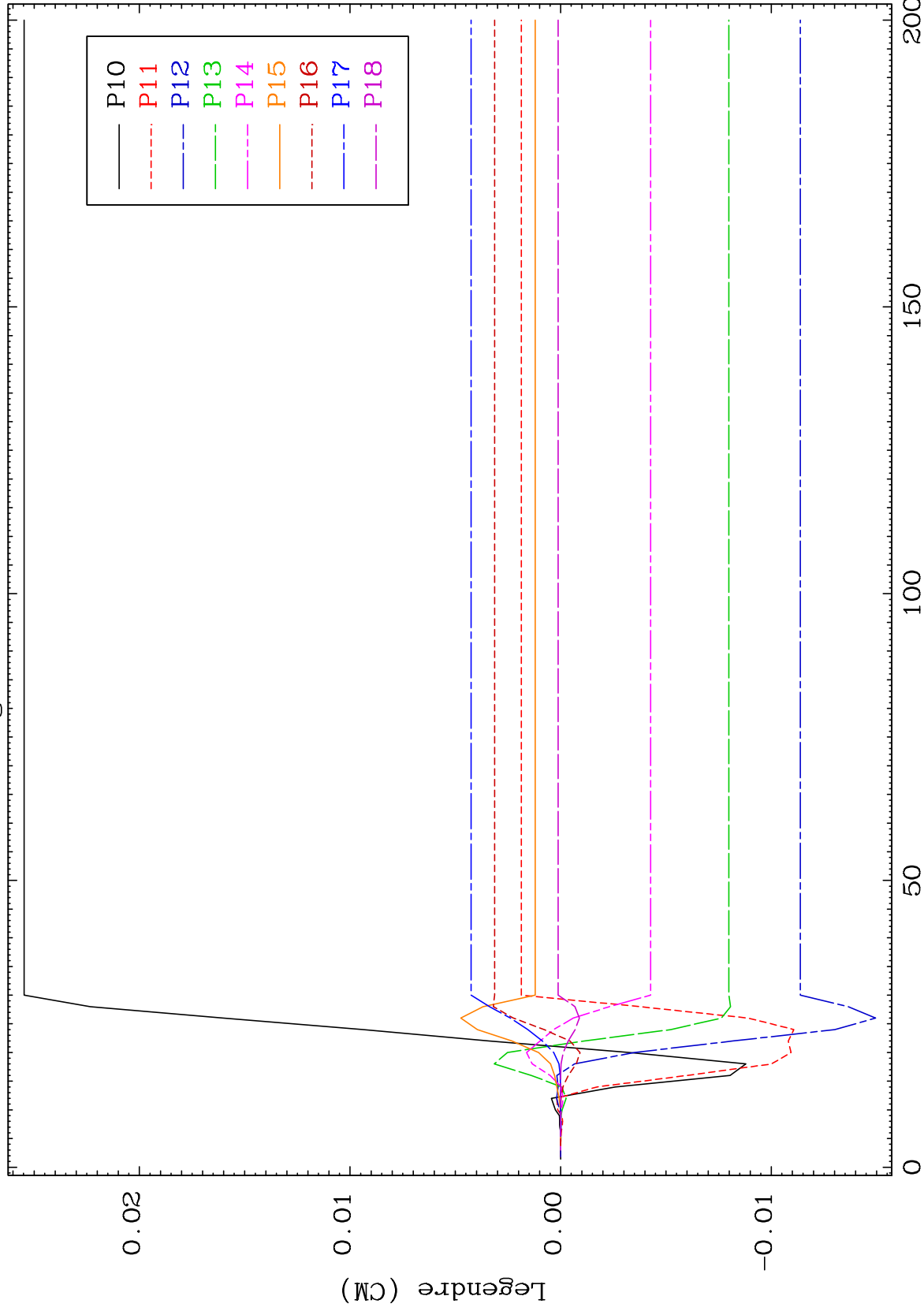
75-Re-173



MAT 7489

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

75-Re-173



79

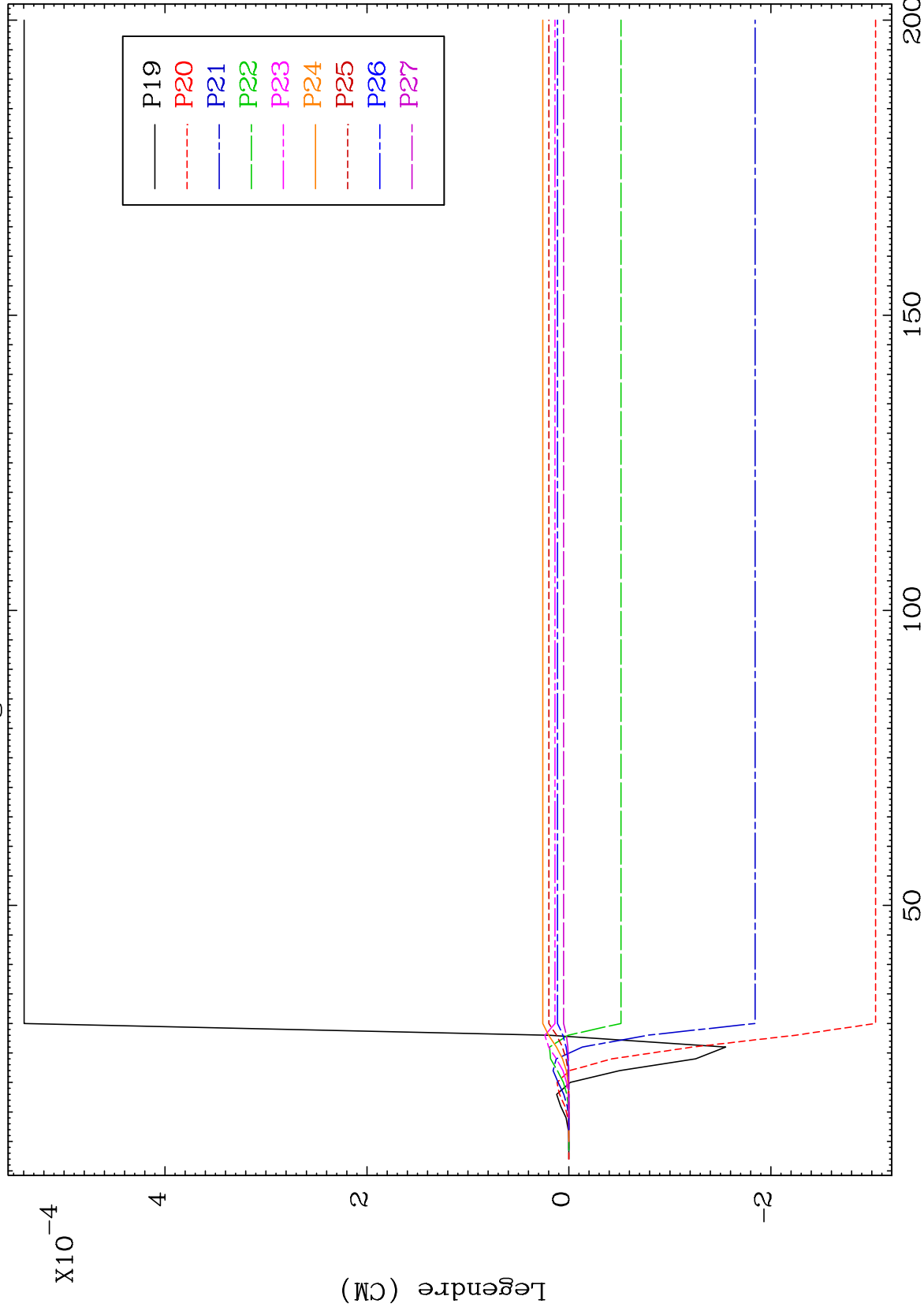
Incident Energy (MeV)

75-Re-173

MAT 7489

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

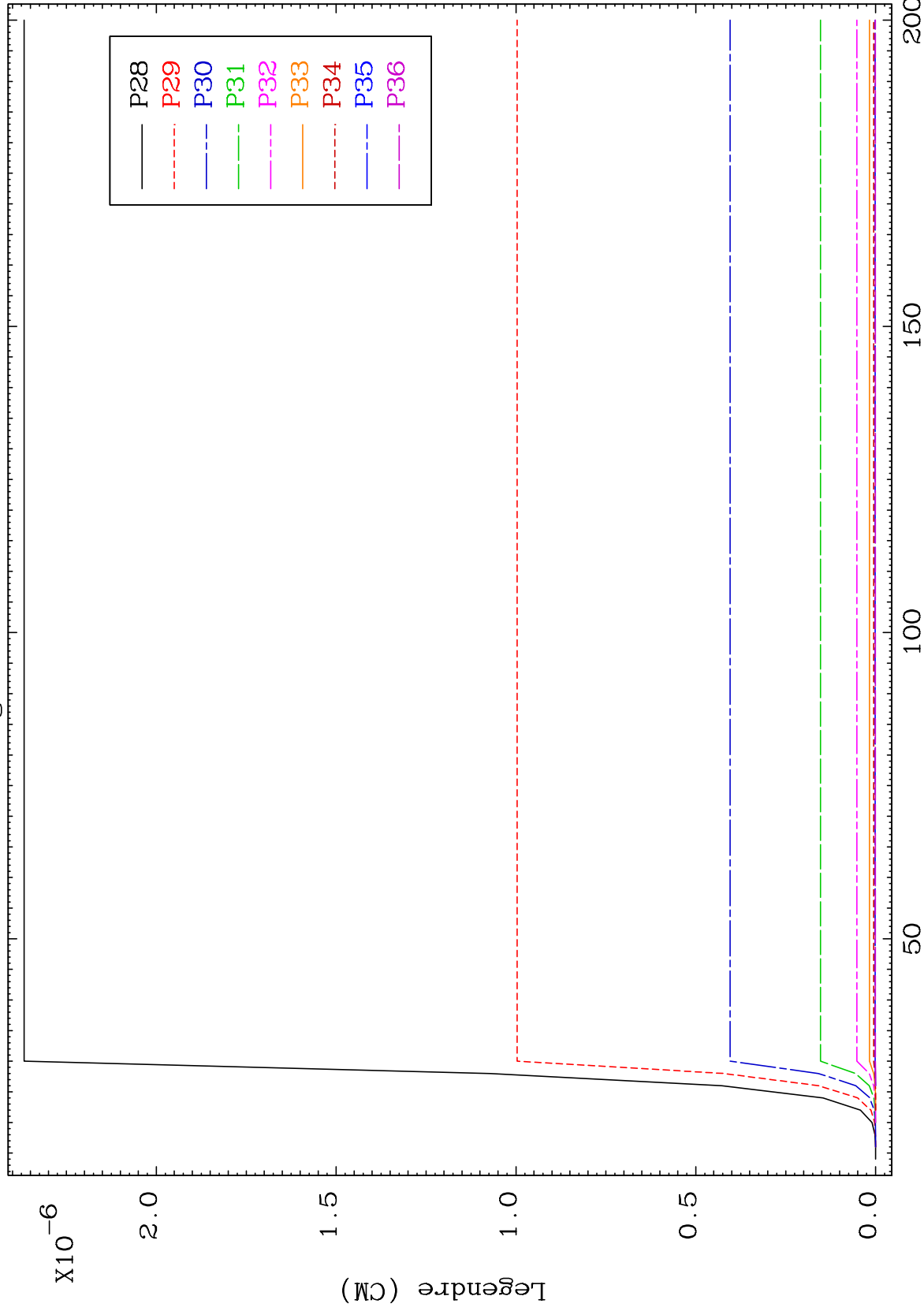
75-Re-173



80

Incident Energy (MeV)

75-Re-173

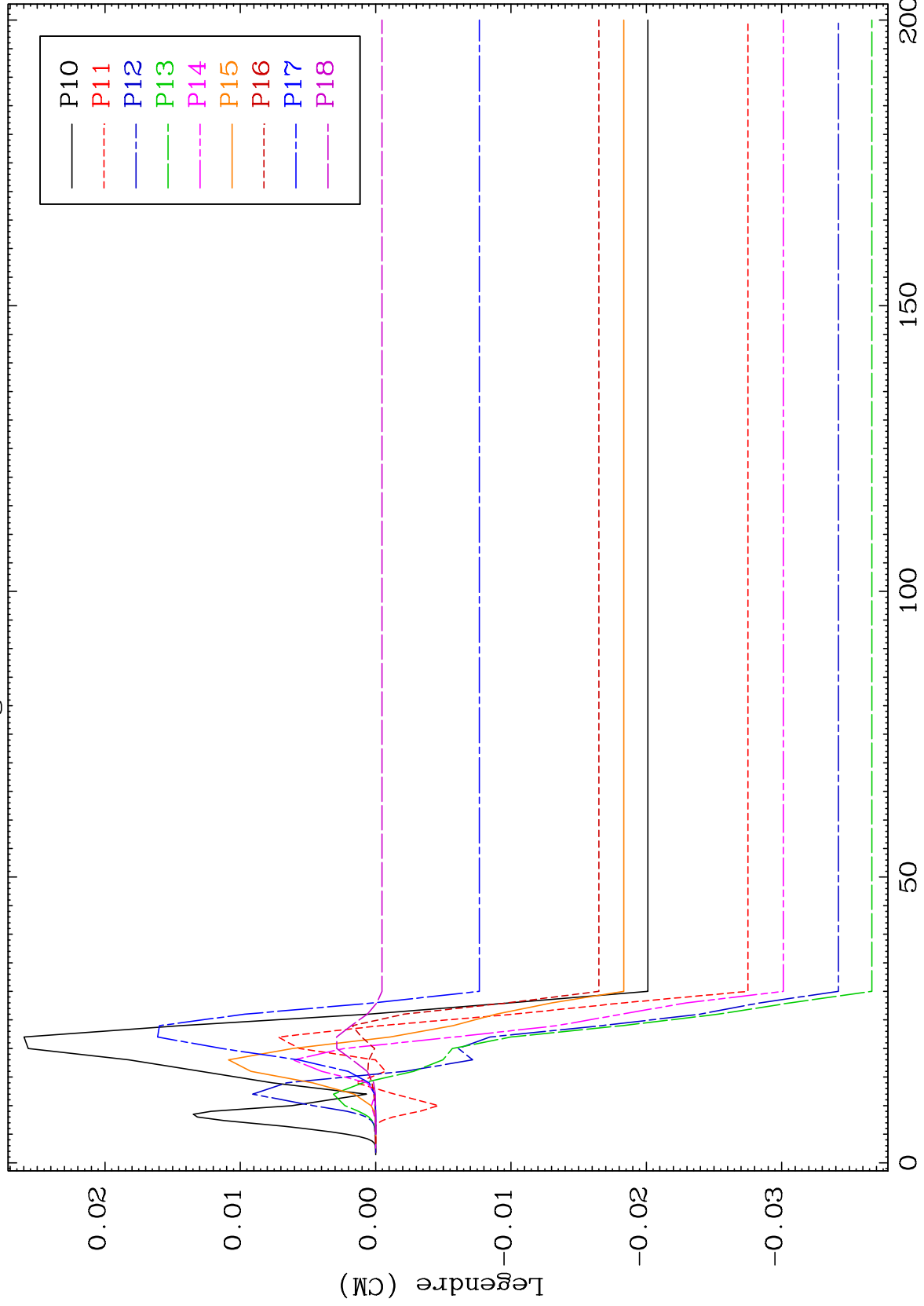




MAT 7489

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

75-Re-173



83

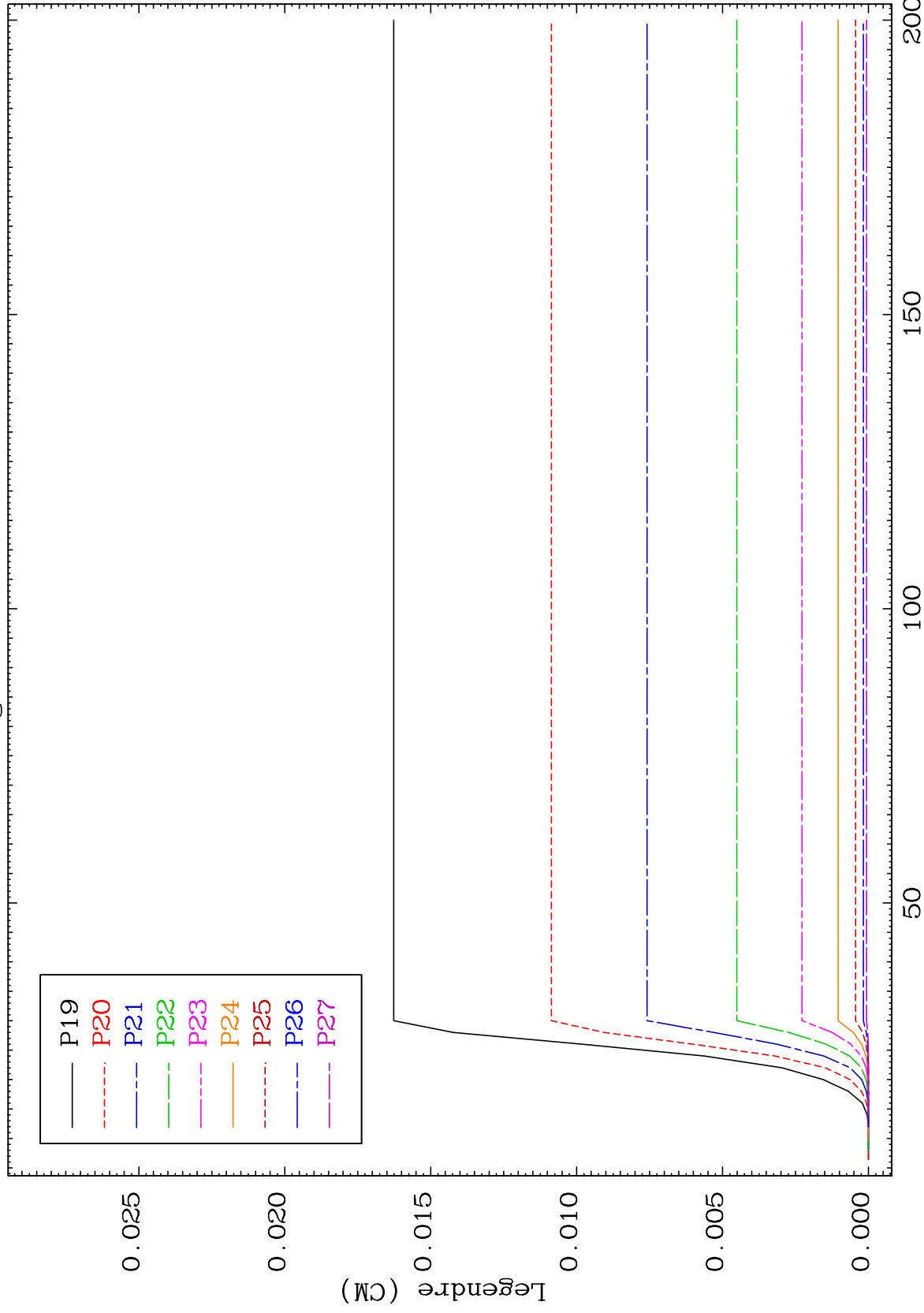
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



84

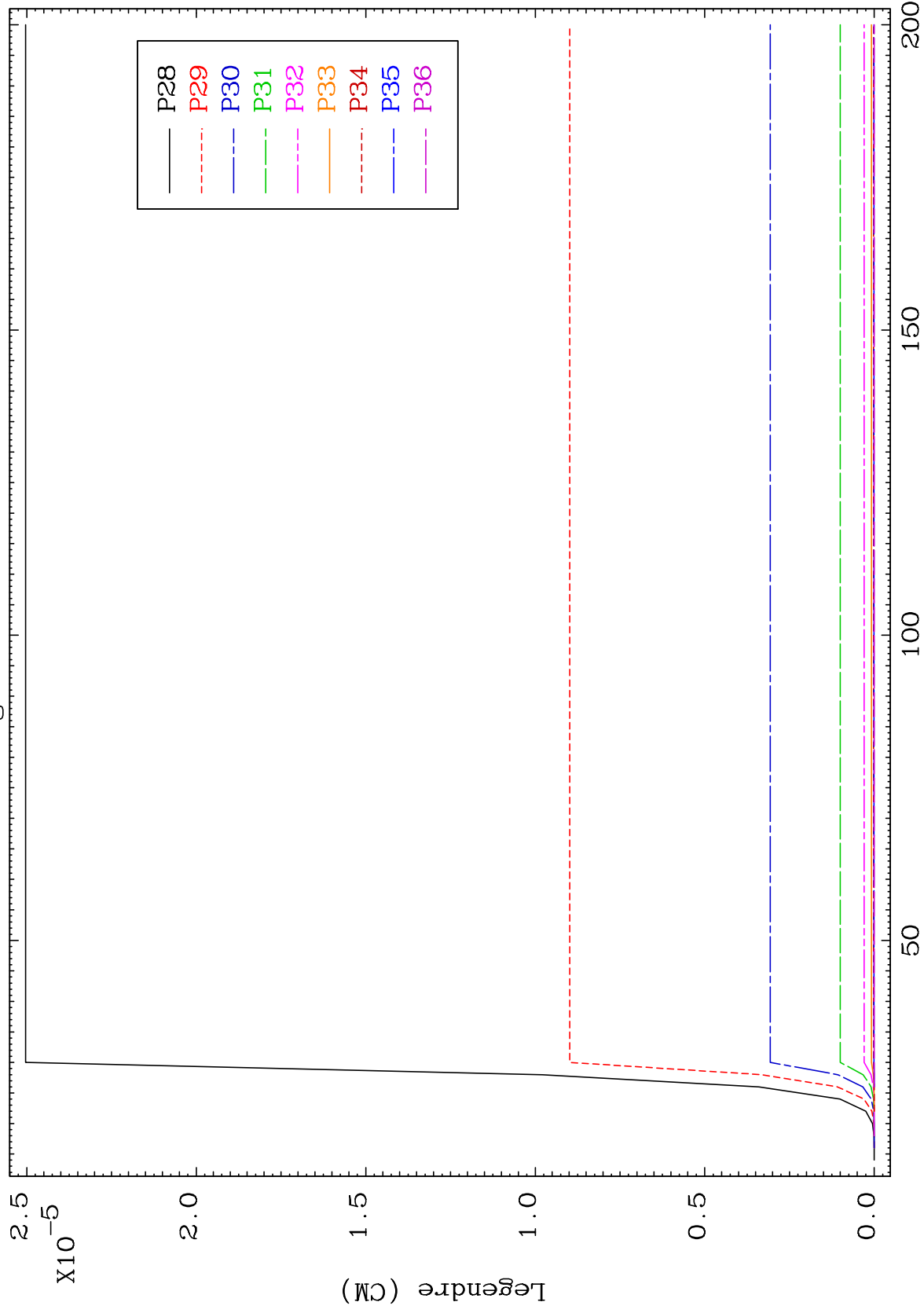
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



85

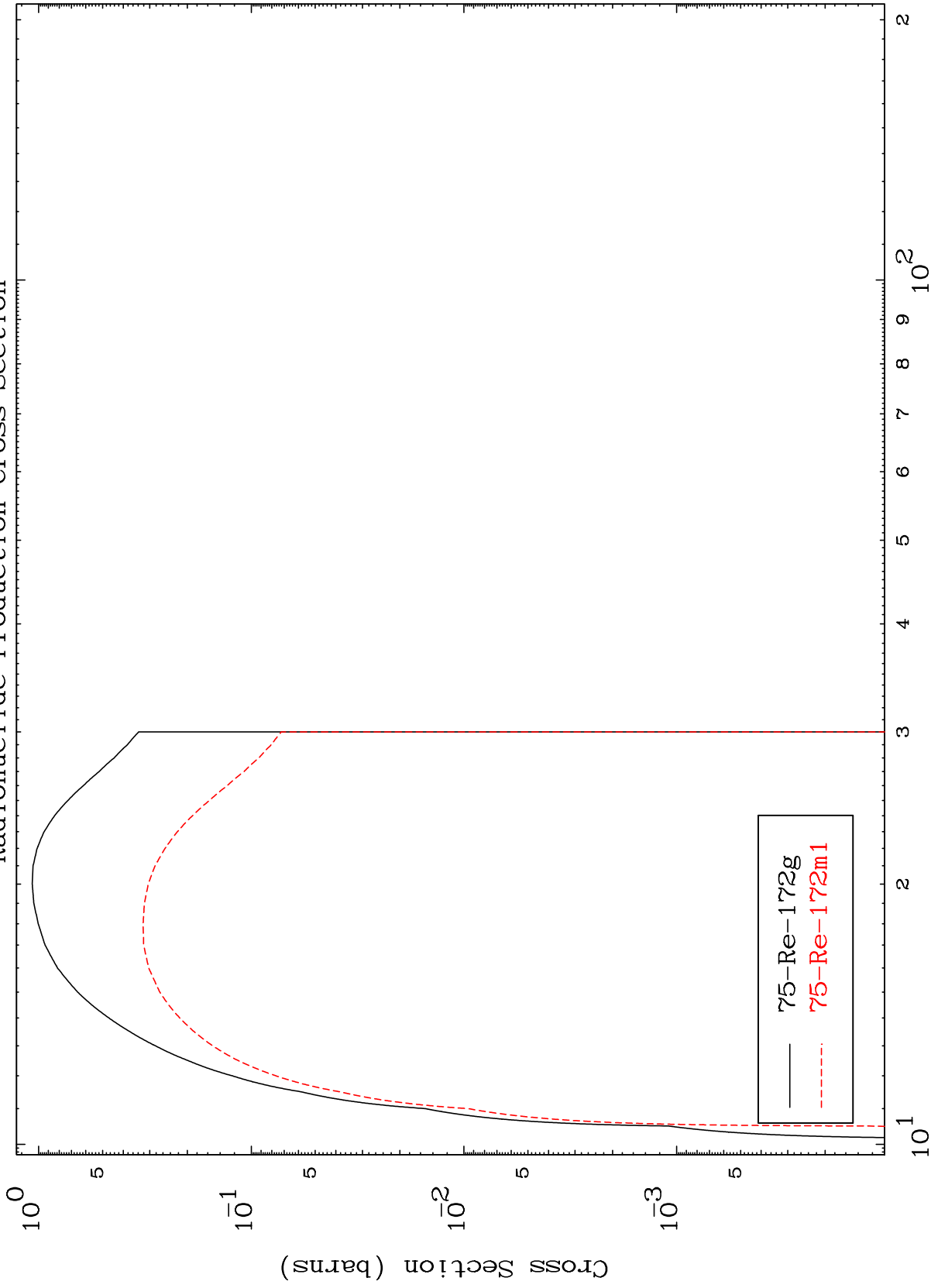
Incident Energy (MeV)

75-Re-173

MAT 7489

75-Re-173

(n,2n)  
Radionuclide Production Cross Section



86

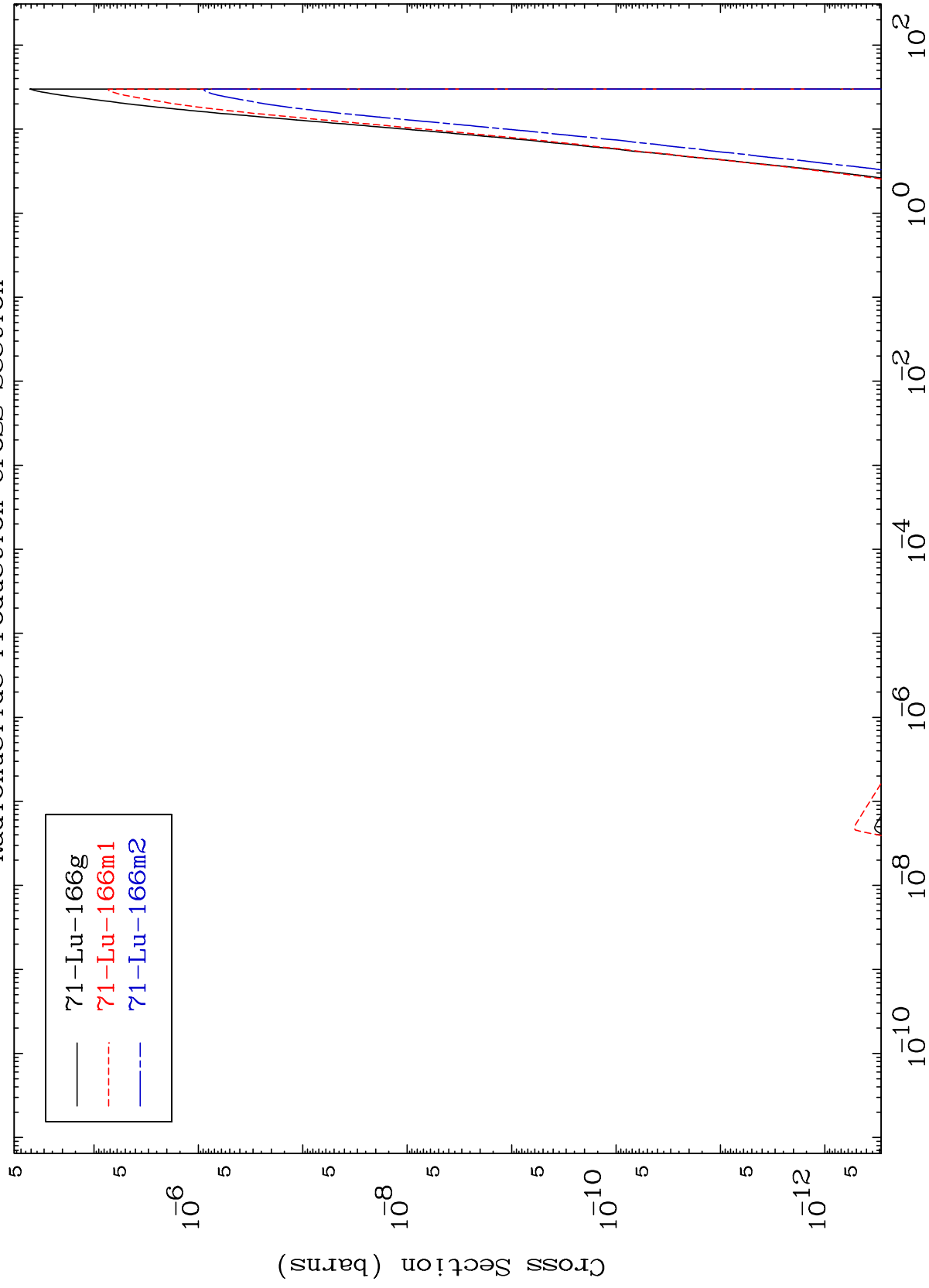
Incident Energy (MeV)

75-Re-173

MAT 7489

Radionuclide Production Cross Section  
(n,2α)

75-Re-173



87

Incident Energy (MeV)

75-Re-173