

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

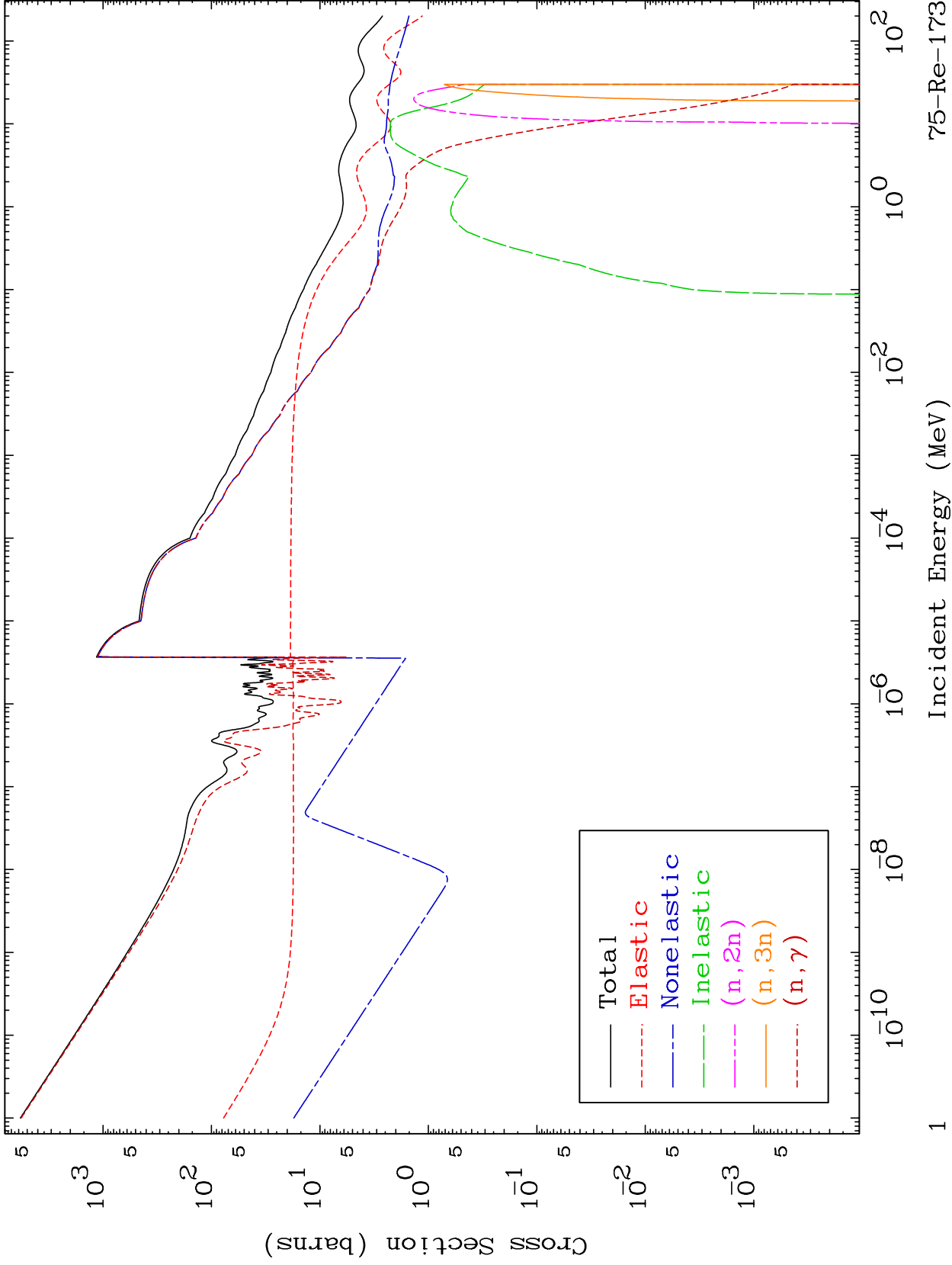
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7489

Neutron Major  
293 Kelvin Cross Sections

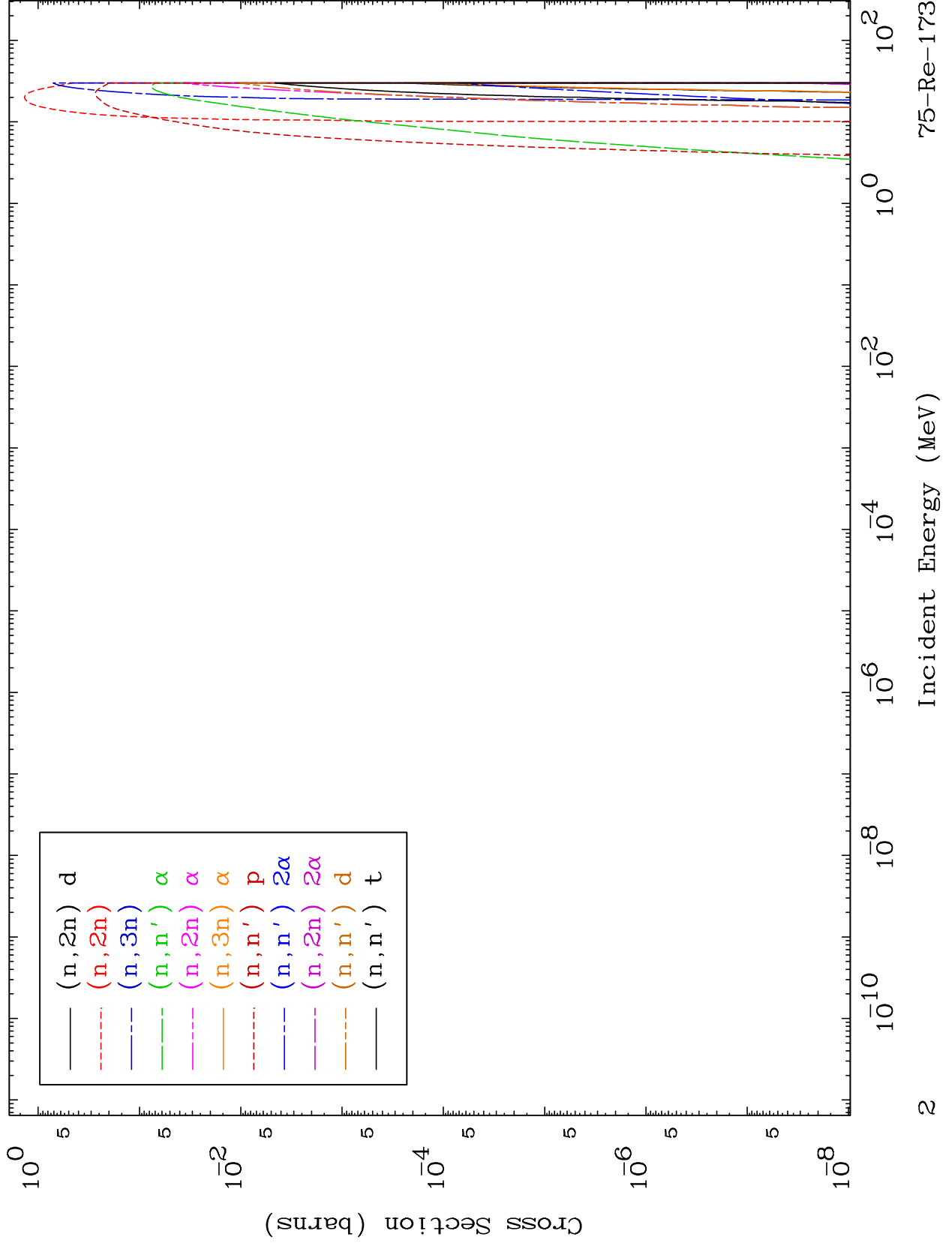
75-Re-173



MAT 7489

Neutron Absorption  
293 Kelvin Cross Sections

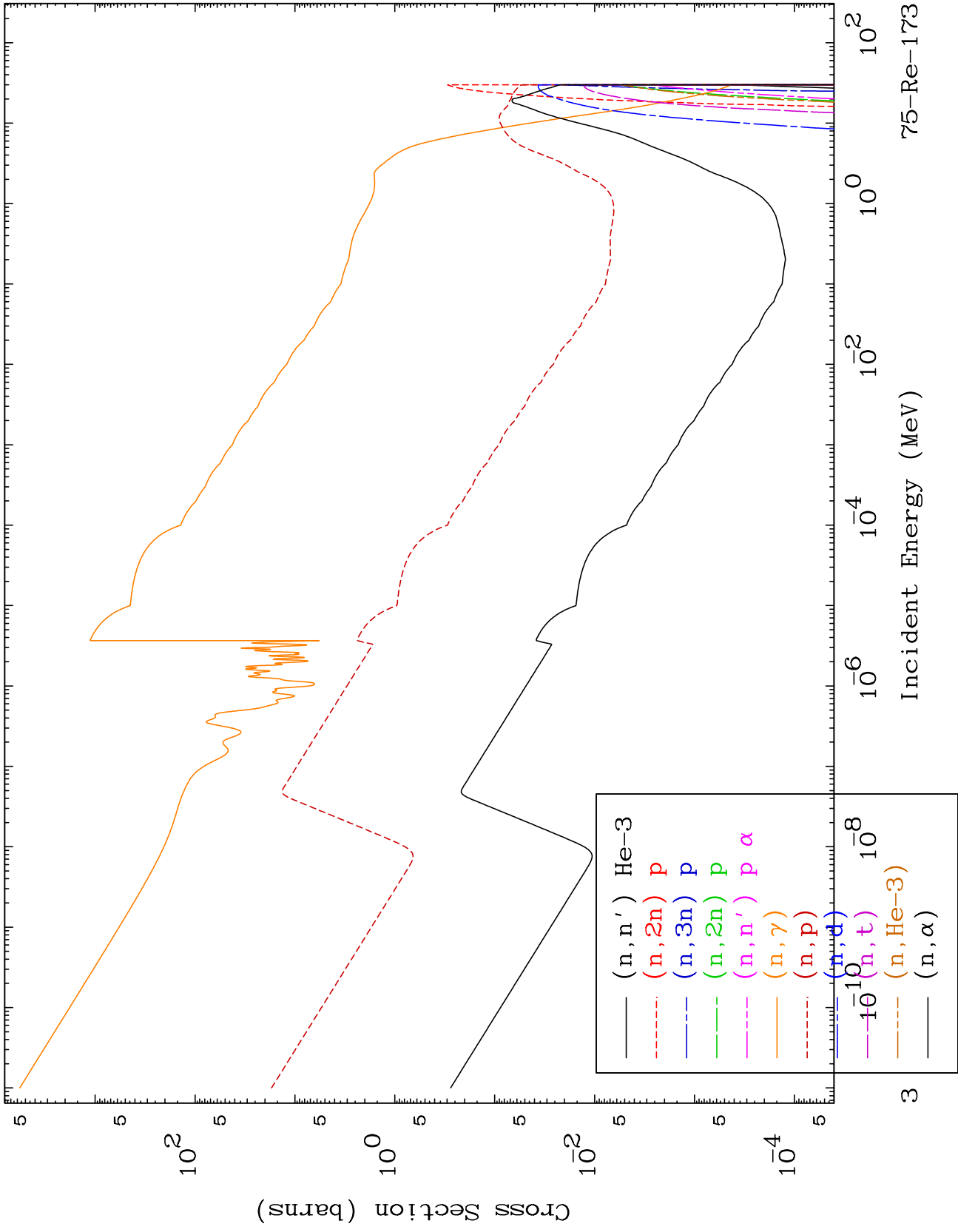
75-Re-173



MAT 7489

Neutron Absorption  
293 Kelvin Cross Sections

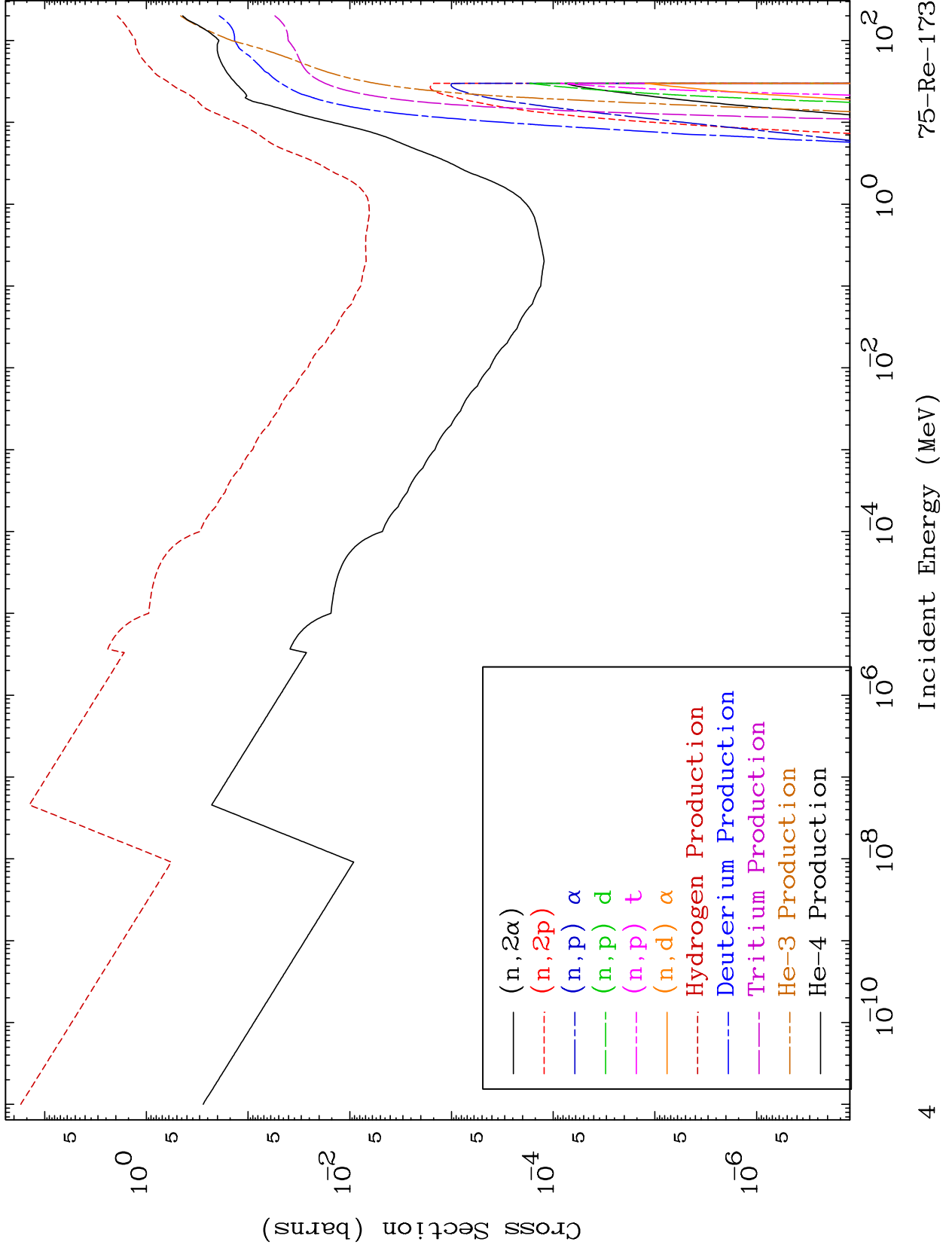
75-Re-173



MAT 7489

Neutron Absorption  
293 Kelvin Cross Sections

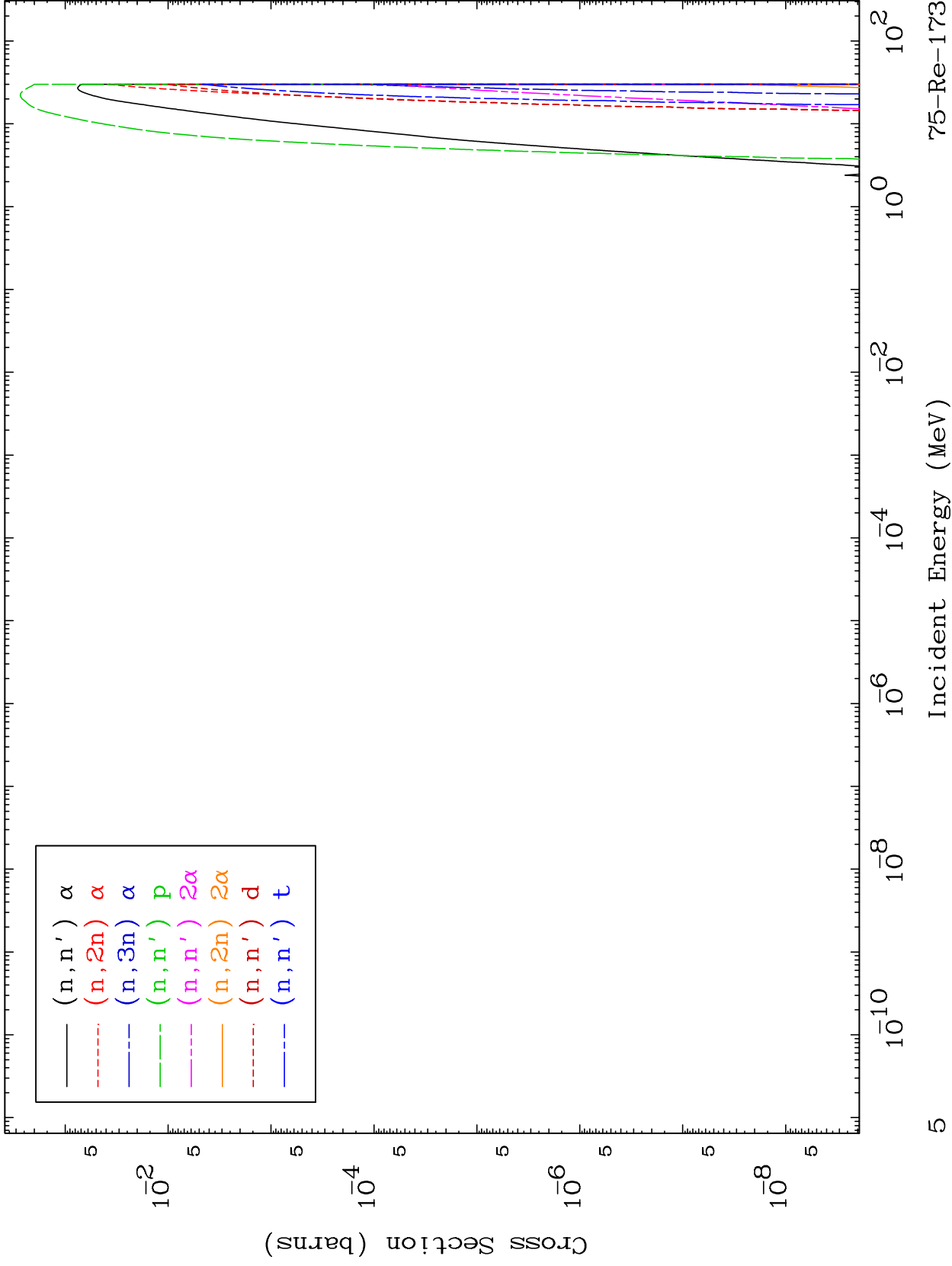
75-Re-173



MAT 7489

Charged Particle  
293 Kelvin Cross Sections

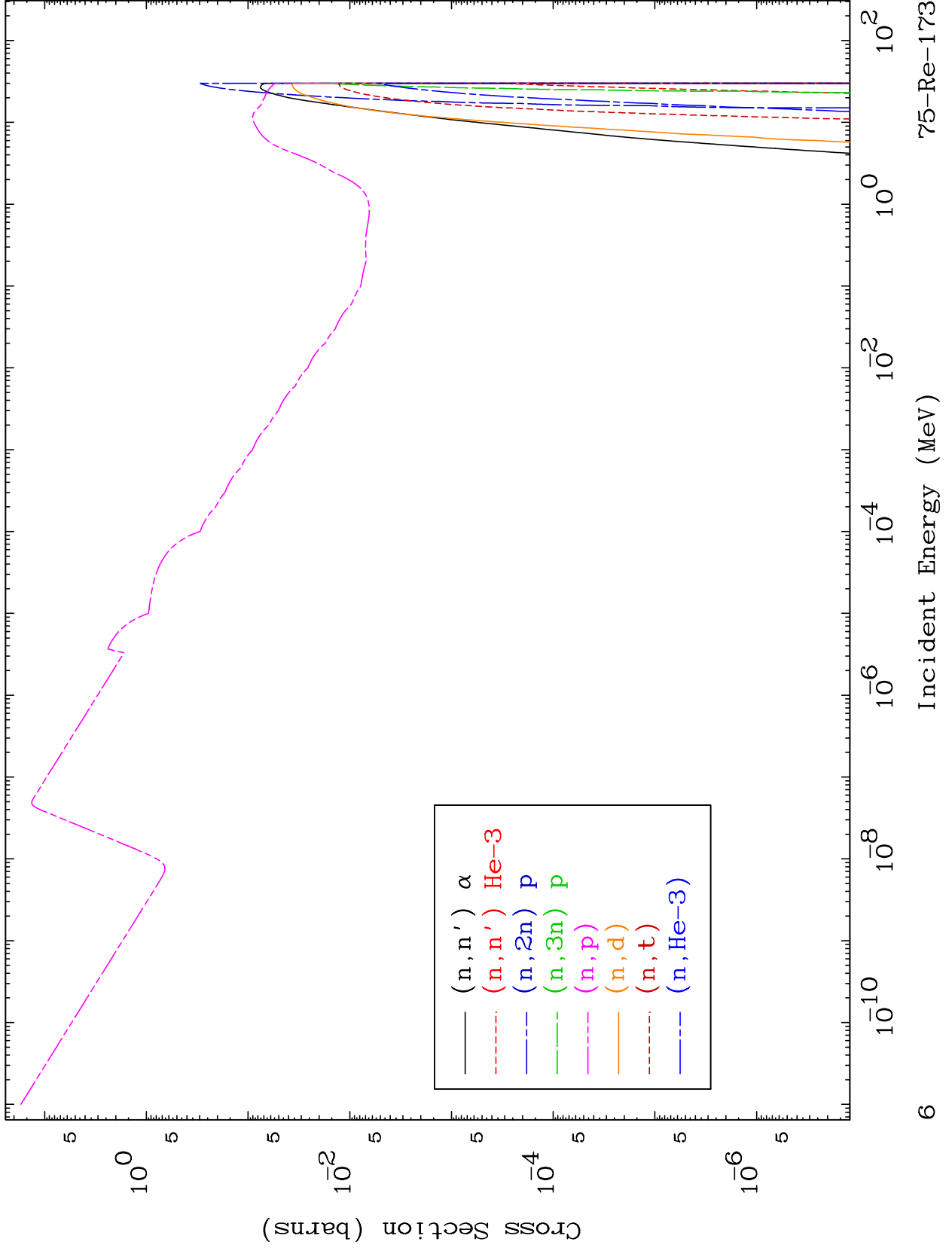
75-Re-173



MAT 7489

Charged Particle  
293 Kelvin Cross Sections

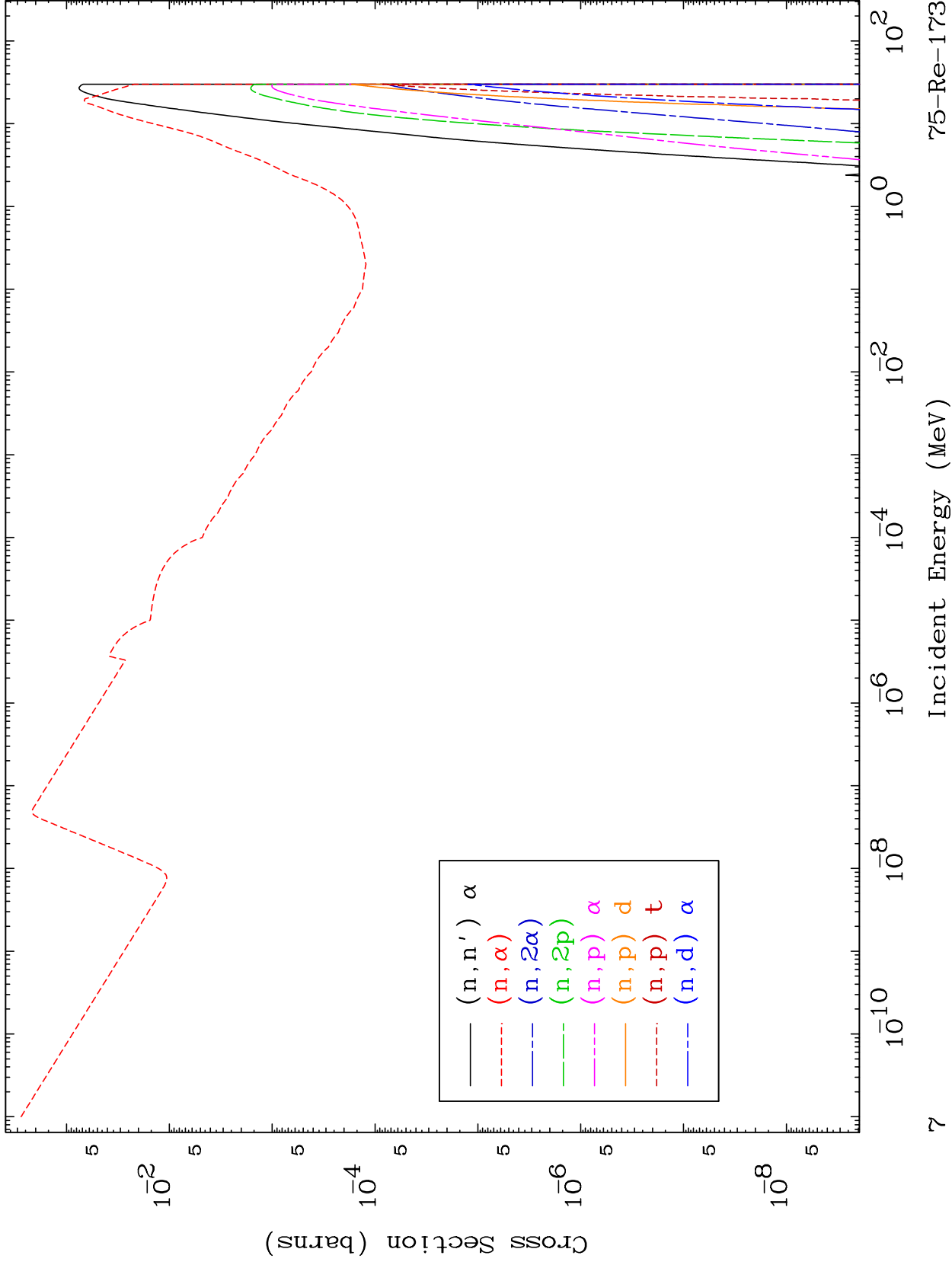
75-Re-173



MAT 7489

Charged Particle  
293 Kelvin Cross Sections

75-Re-173

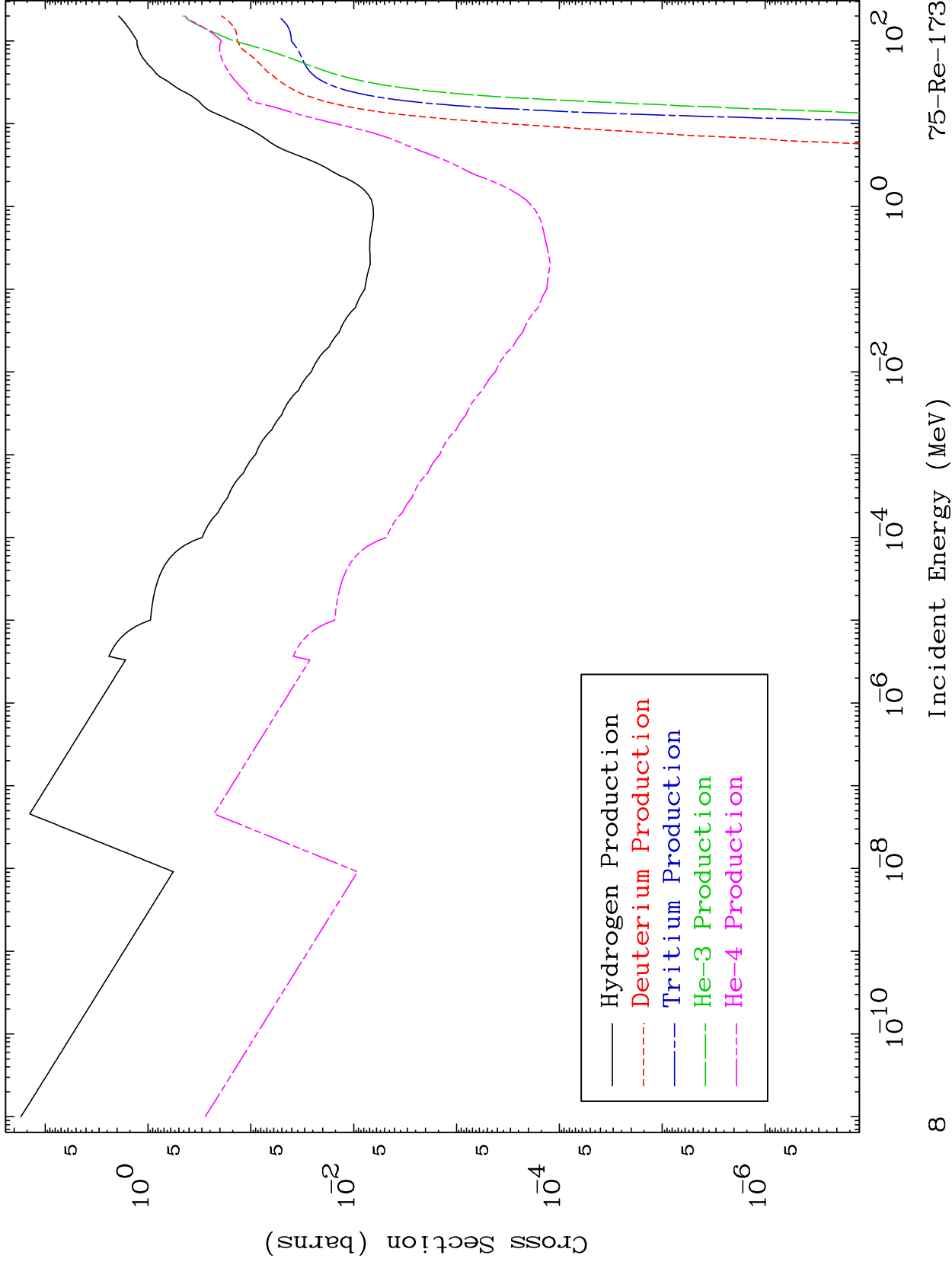




MAT 7489

Particle Production  
293 Kelvin Cross Sections

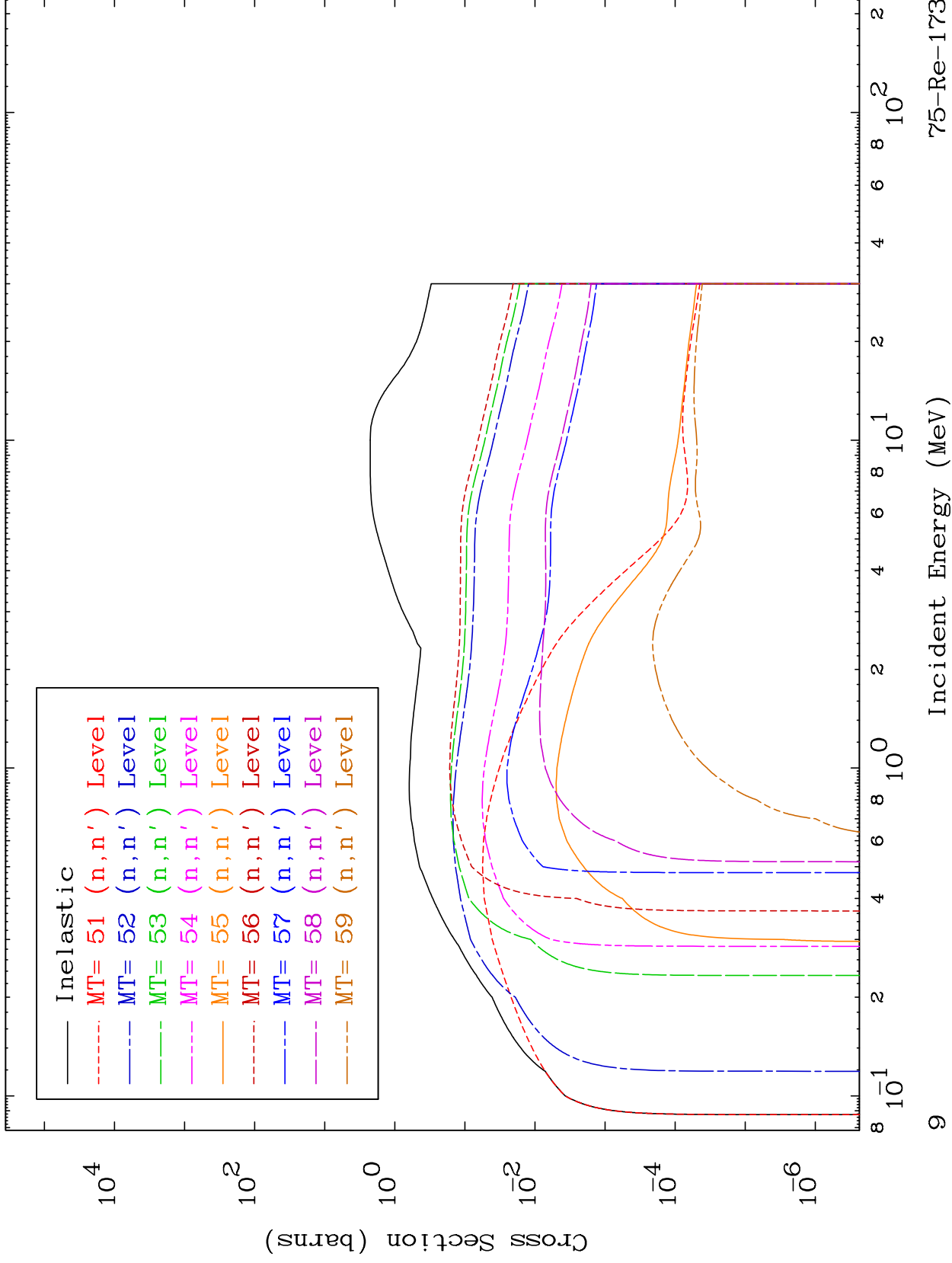
75-Re-173



MAT 7489

(n,n') Levels  
293 Kelvin Cross Sections

75-Re-173



9

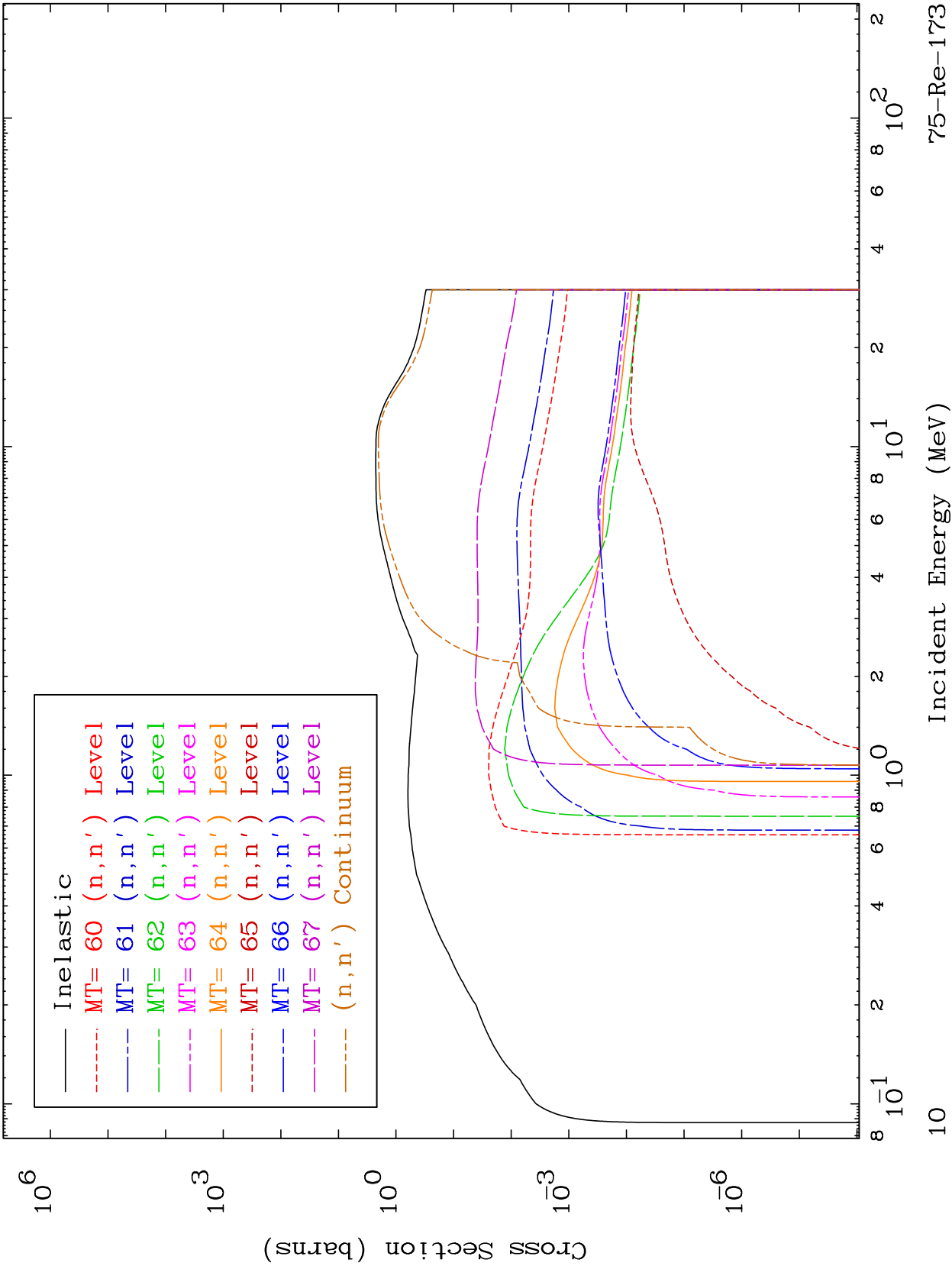
Incident Energy (MeV)

75-Re-173

MAT 7489

(n,n') Levels  
293 Kelvin Cross Sections

75-Re-173



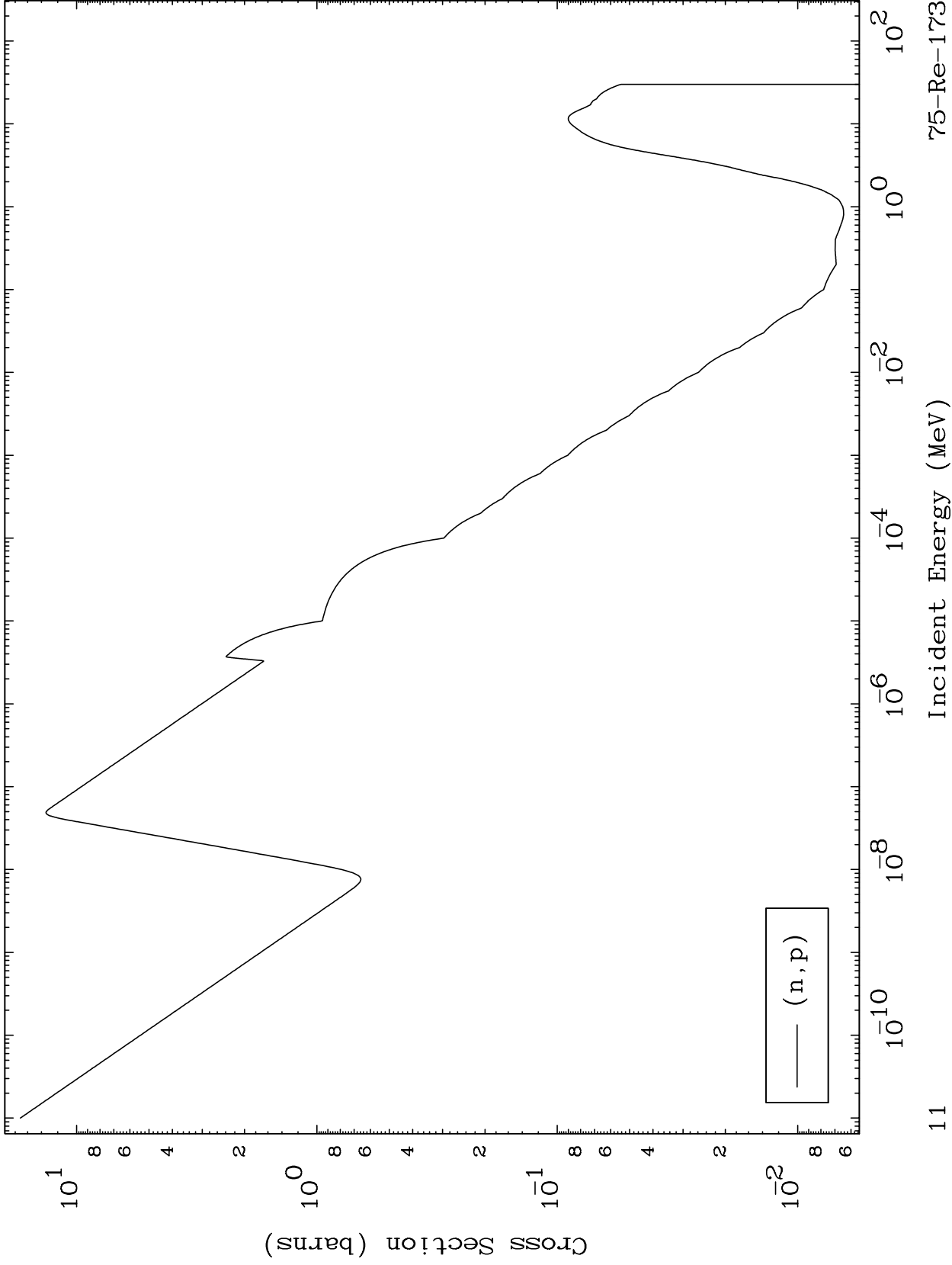
75-Re-173

Incident Energy (MeV)

MAT 7489

(n,p) Levels  
293 Kelvin Cross Sections

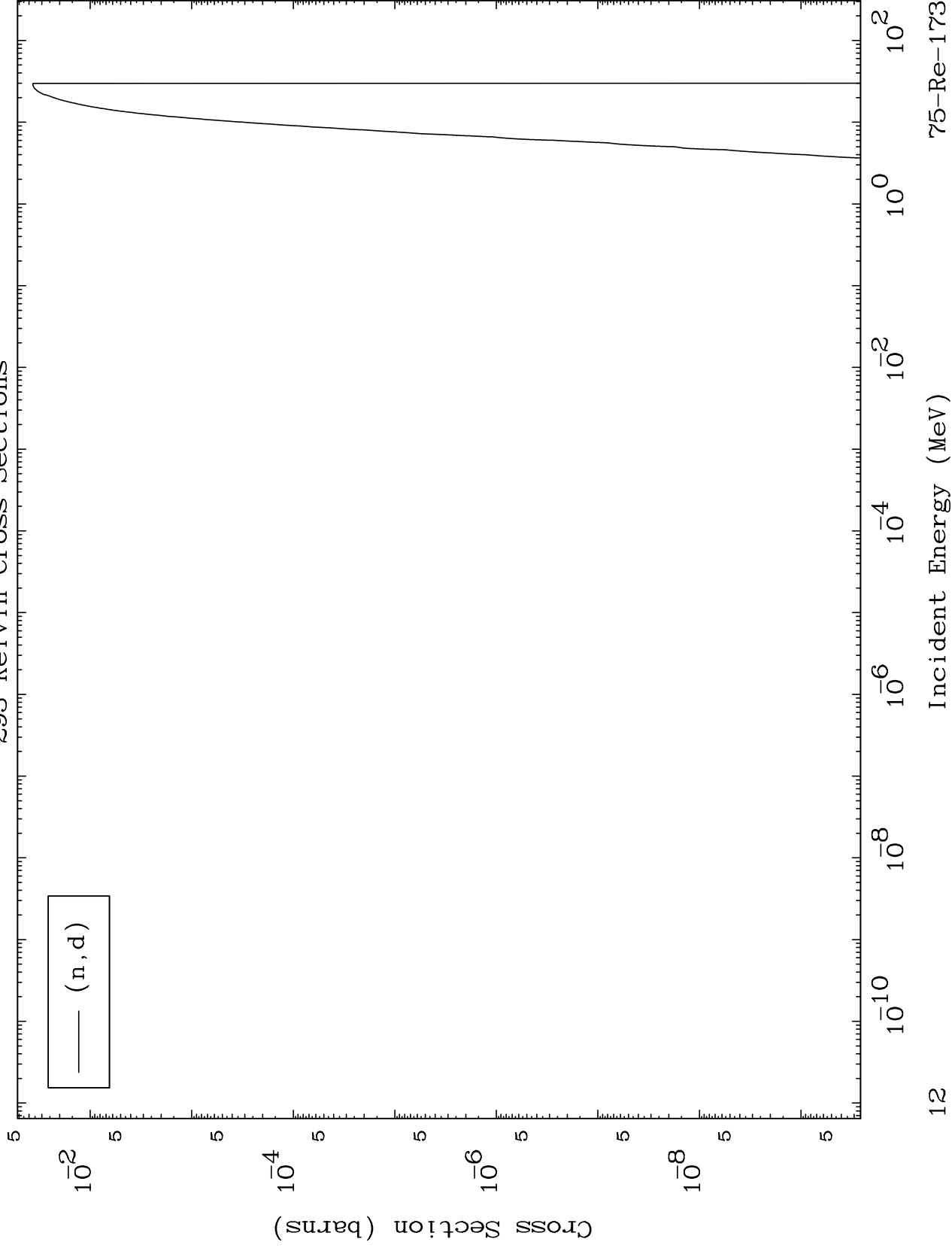
75-Re-173



MAT 7489

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-173



12

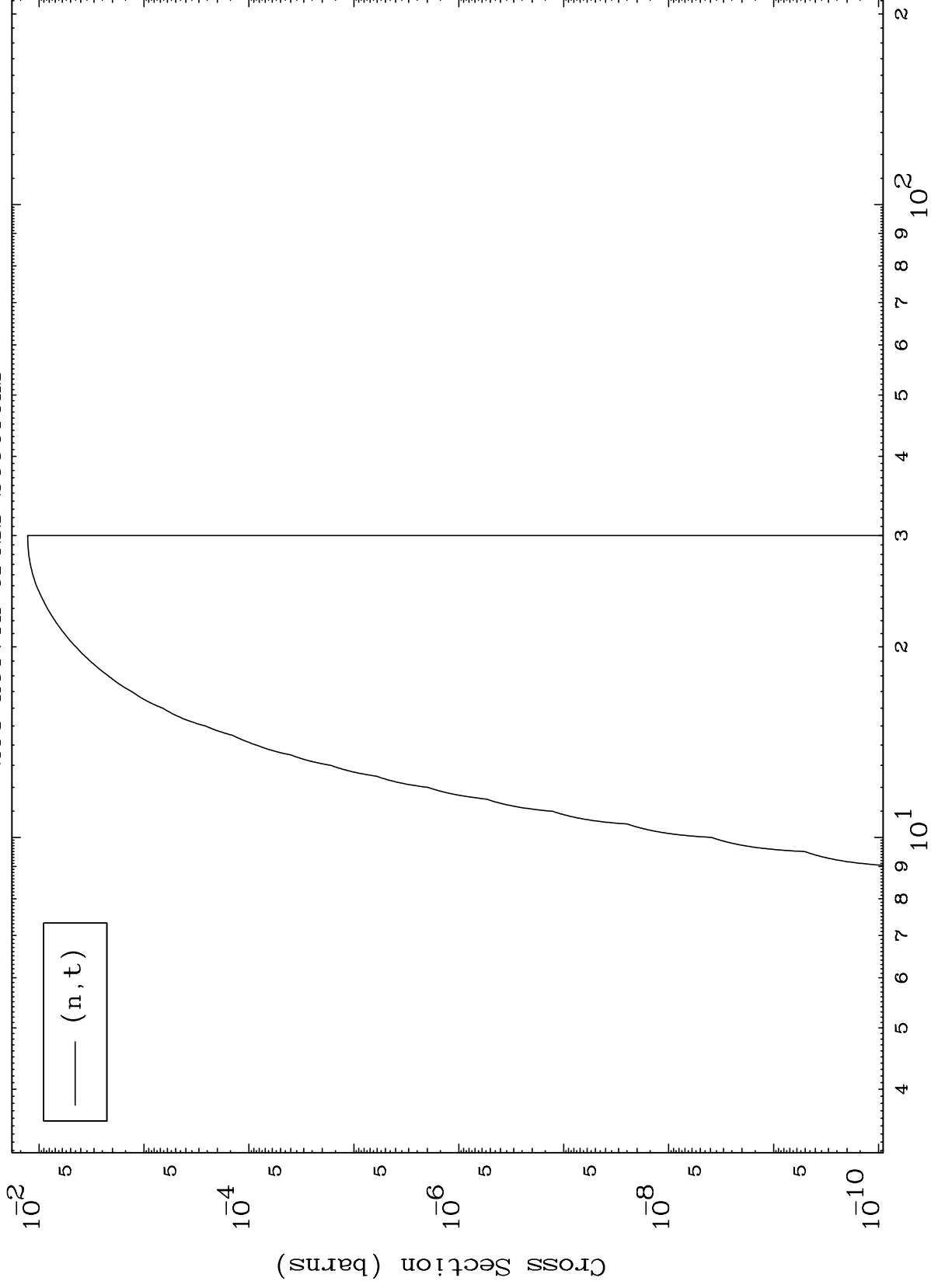
Incident Energy (MeV)

75-Re-173

MAT 7489

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-173



13

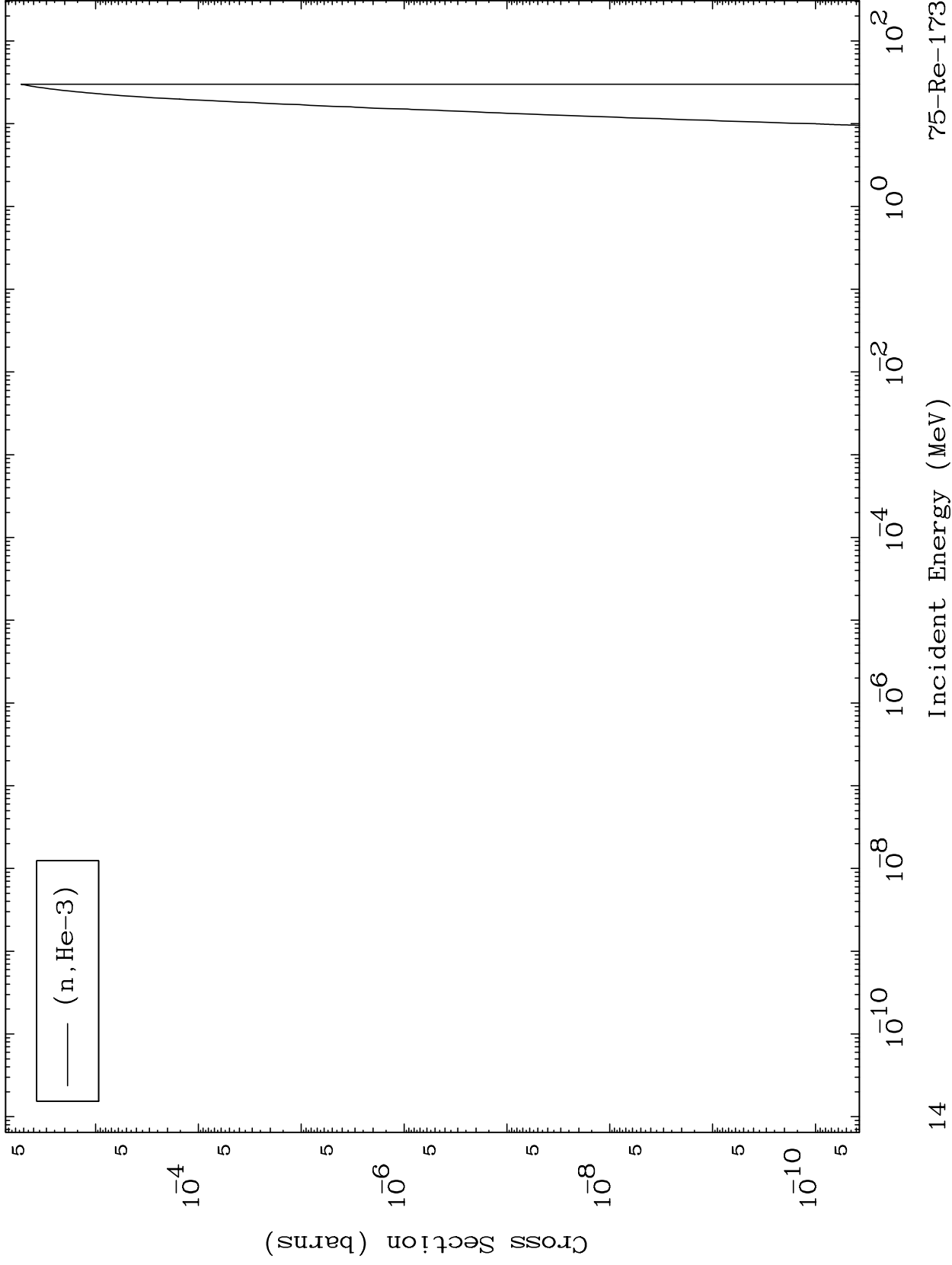
Incident Energy (MeV)

75-Re-173

MAT 7489

(n,He3) Levels  
293 Kelvin Cross Sections

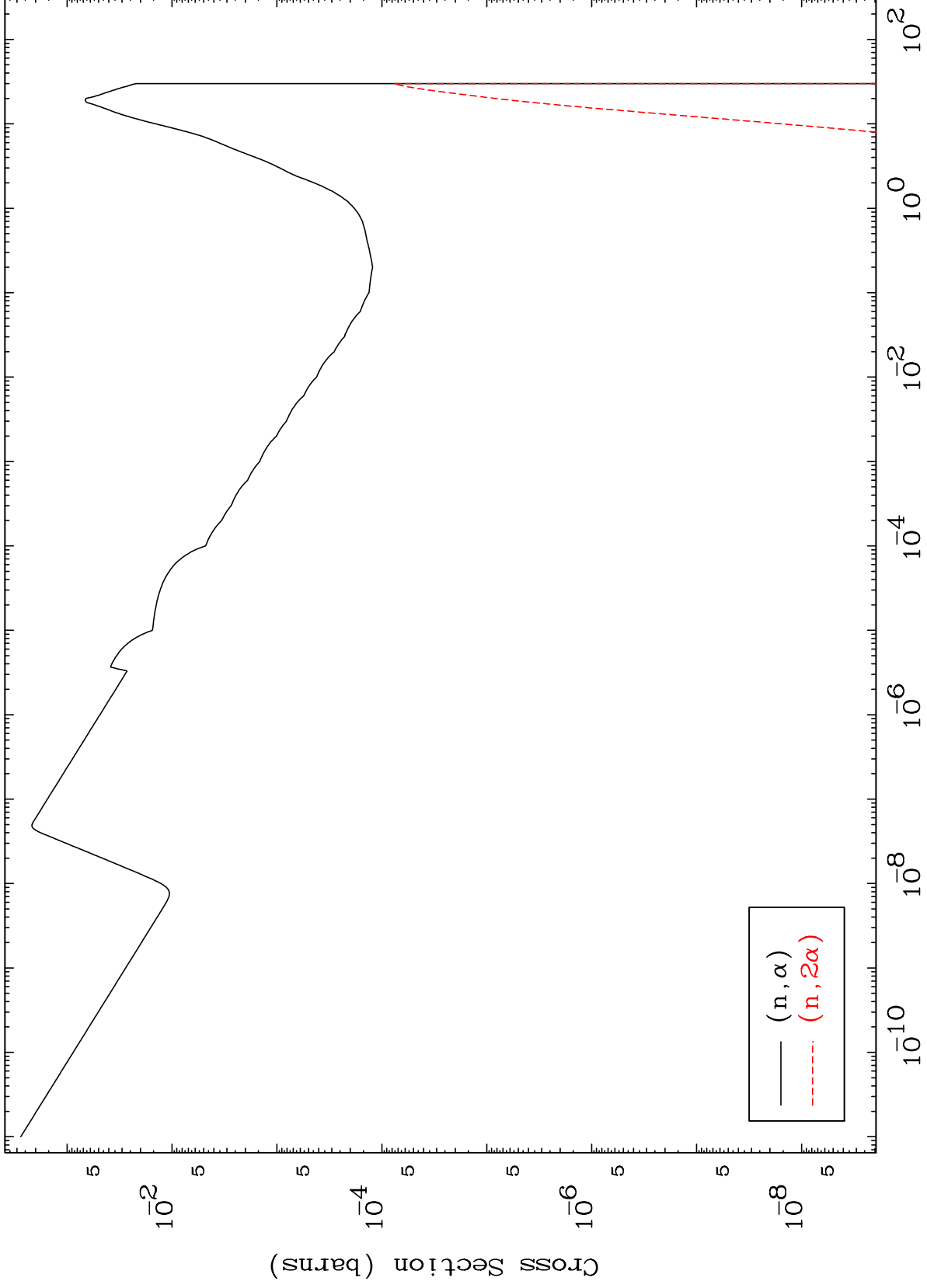
75-Re-173



MAT 7489

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

75-Re-173



15

Incident Energy (MeV)

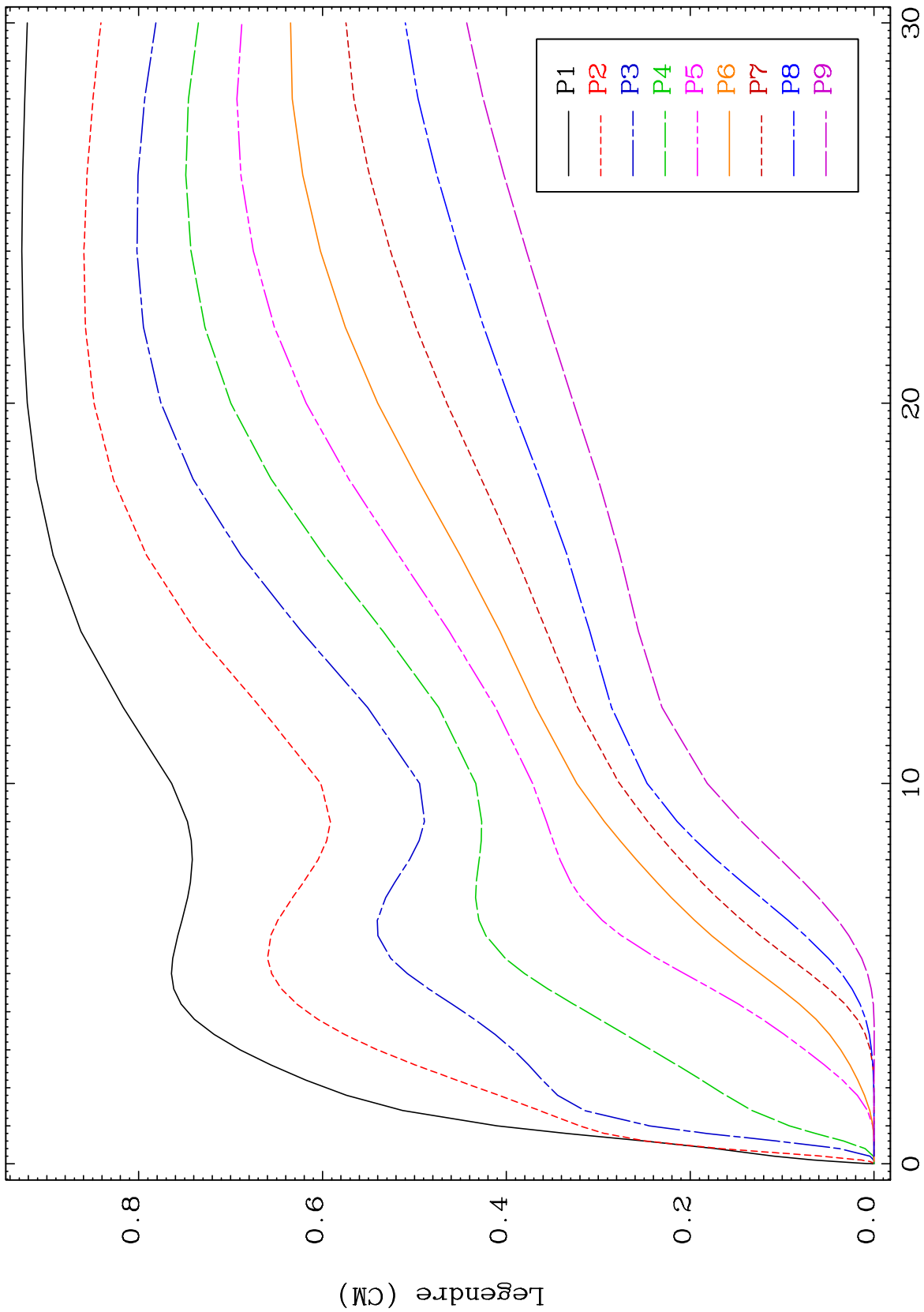
75-Re-173



MAT 7489

Elastic Legendre Coefficients

75-Re-173



16

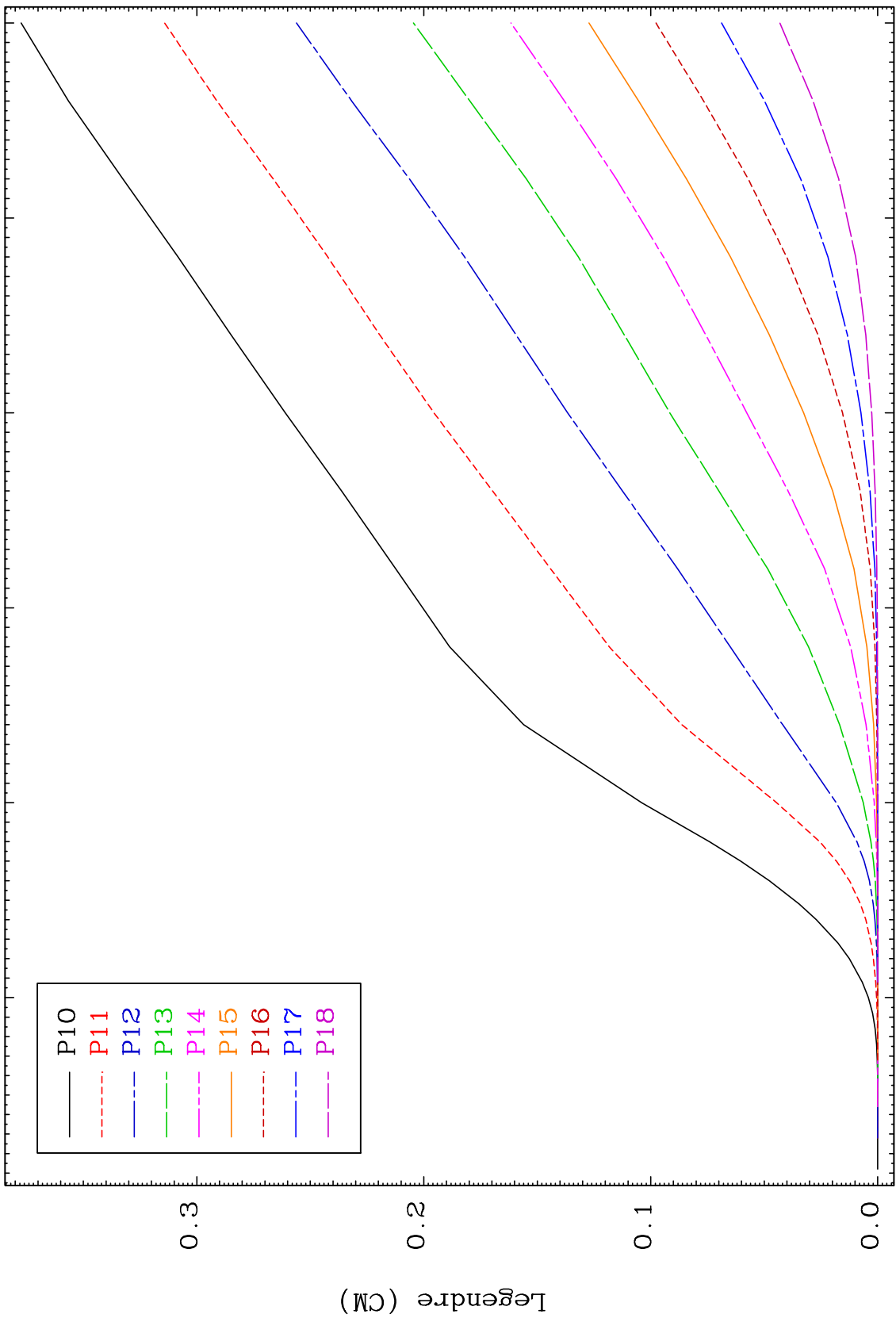
Incident Energy (MeV)

75-Re-173

MAT 7489

Elastic  
Legendre Coefficients

75-Re-173



17

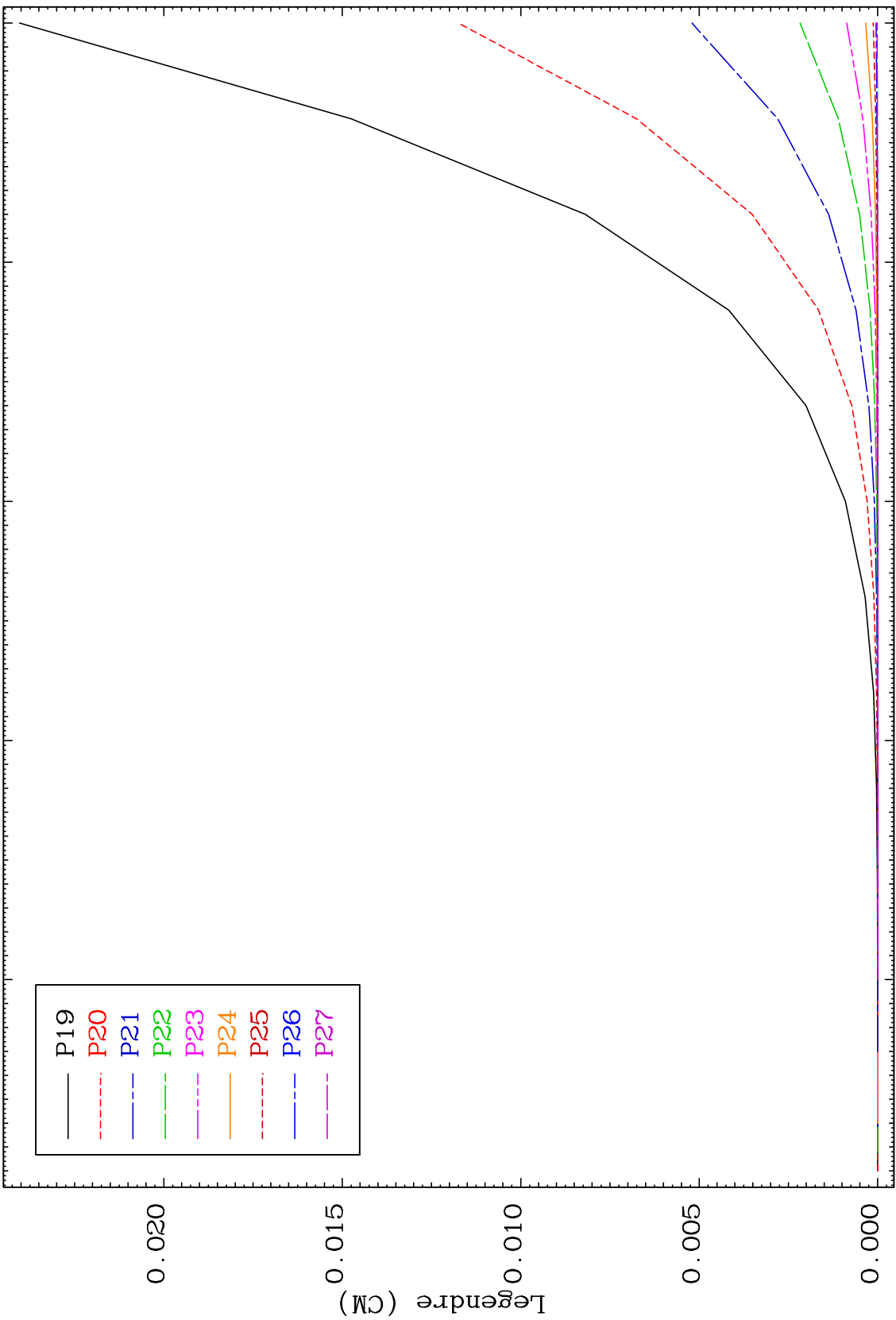
Incident Energy (MeV)

75-Re-173

MAT 7489

### Elastic Legendre Coefficients

75-Re-173



18

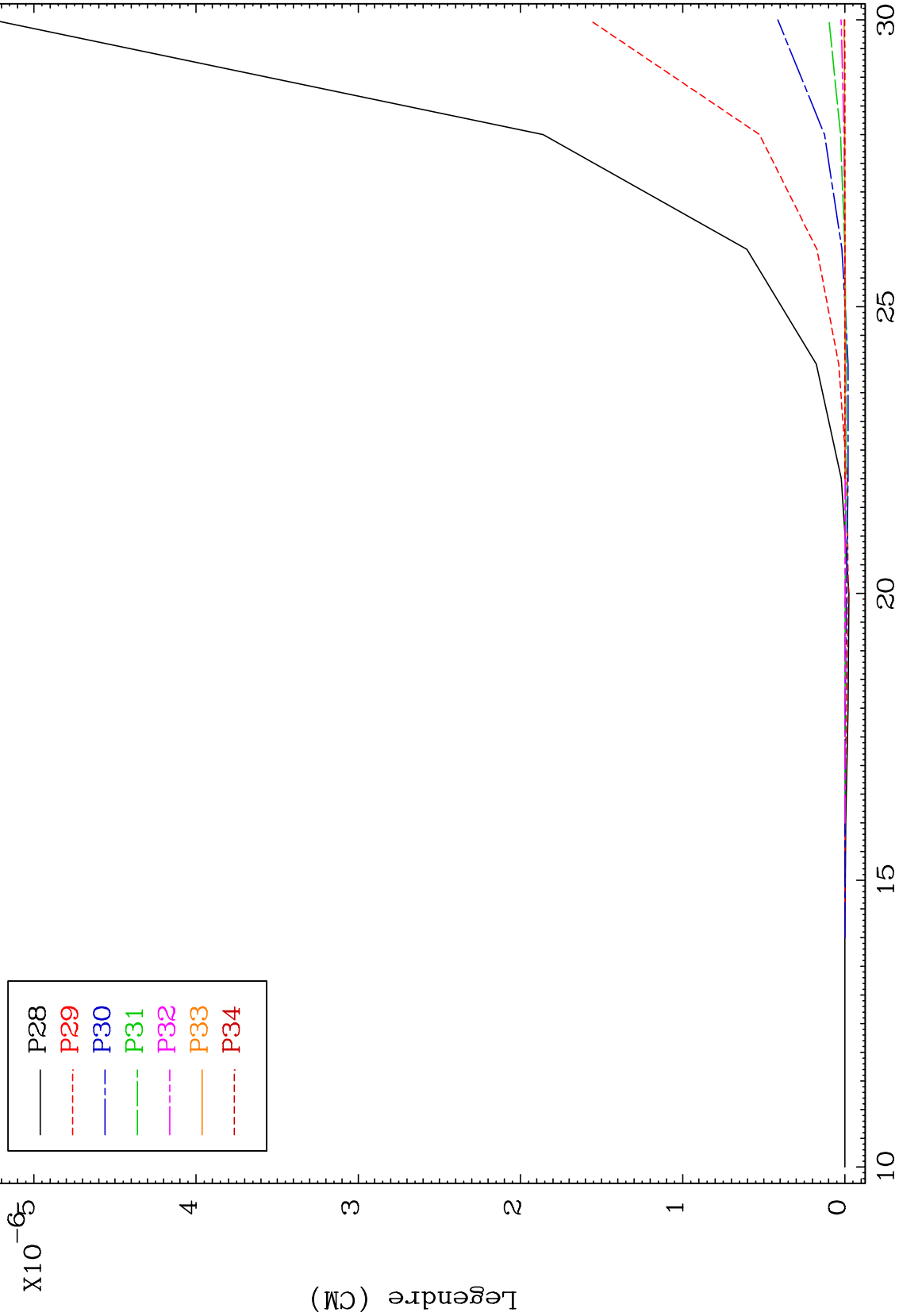
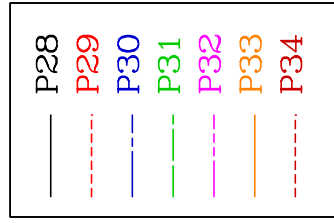
Incident Energy (MeV)

75-Re-173

MAT 7489

Elastic  
Legendre Coefficients

75-Re-173



10

15

20

25

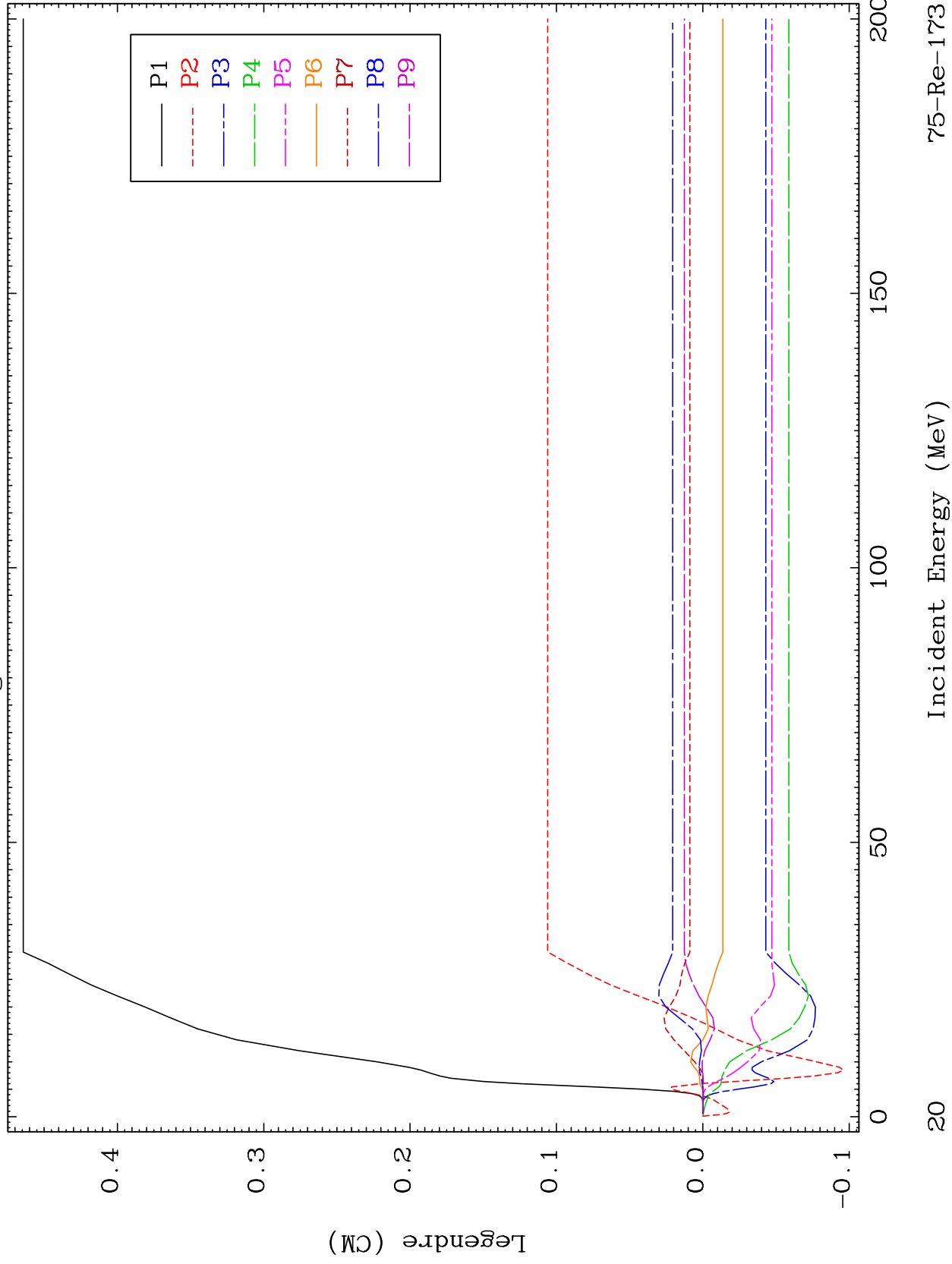
30

75-Re-173

MAT 7489

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

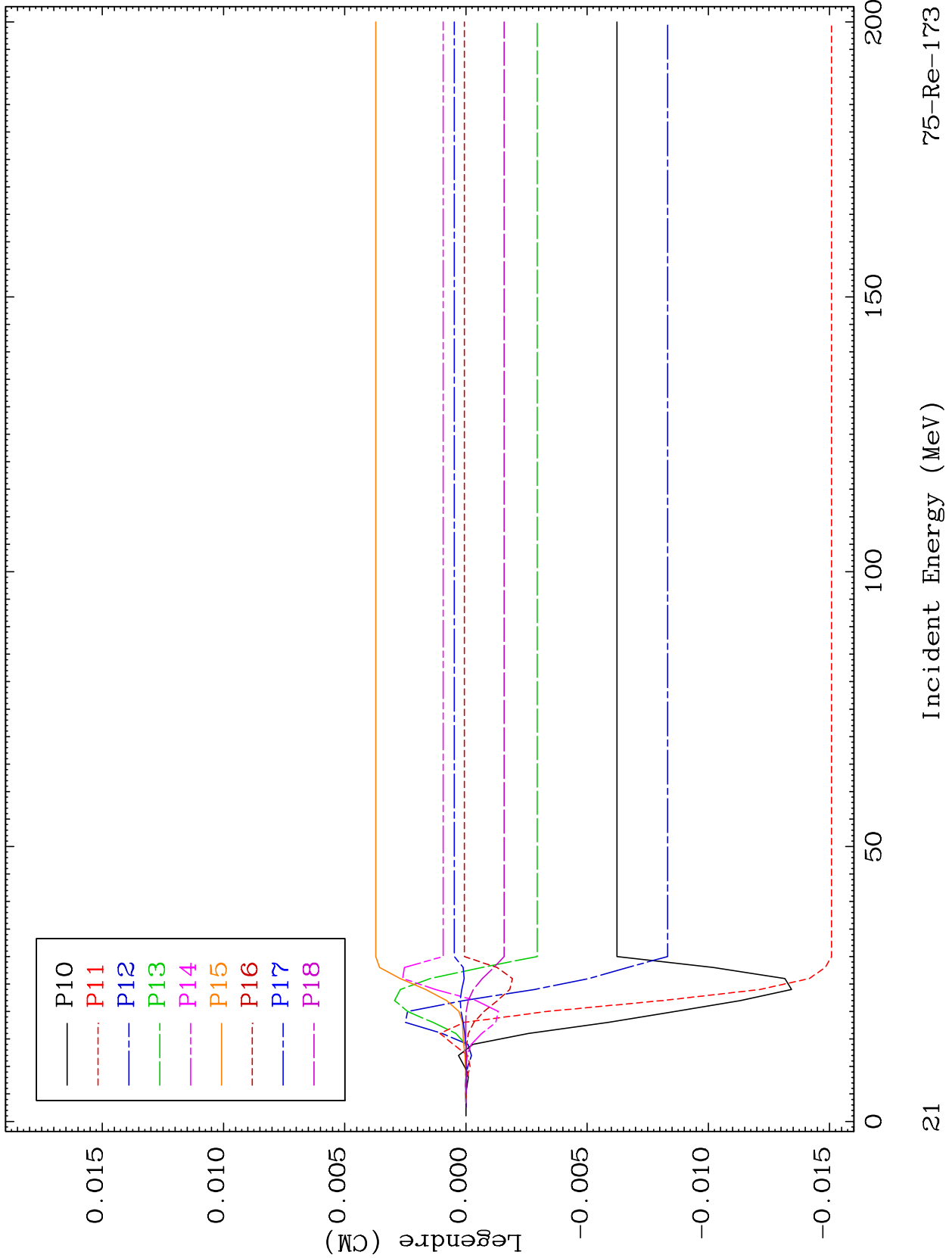
75-Re-173

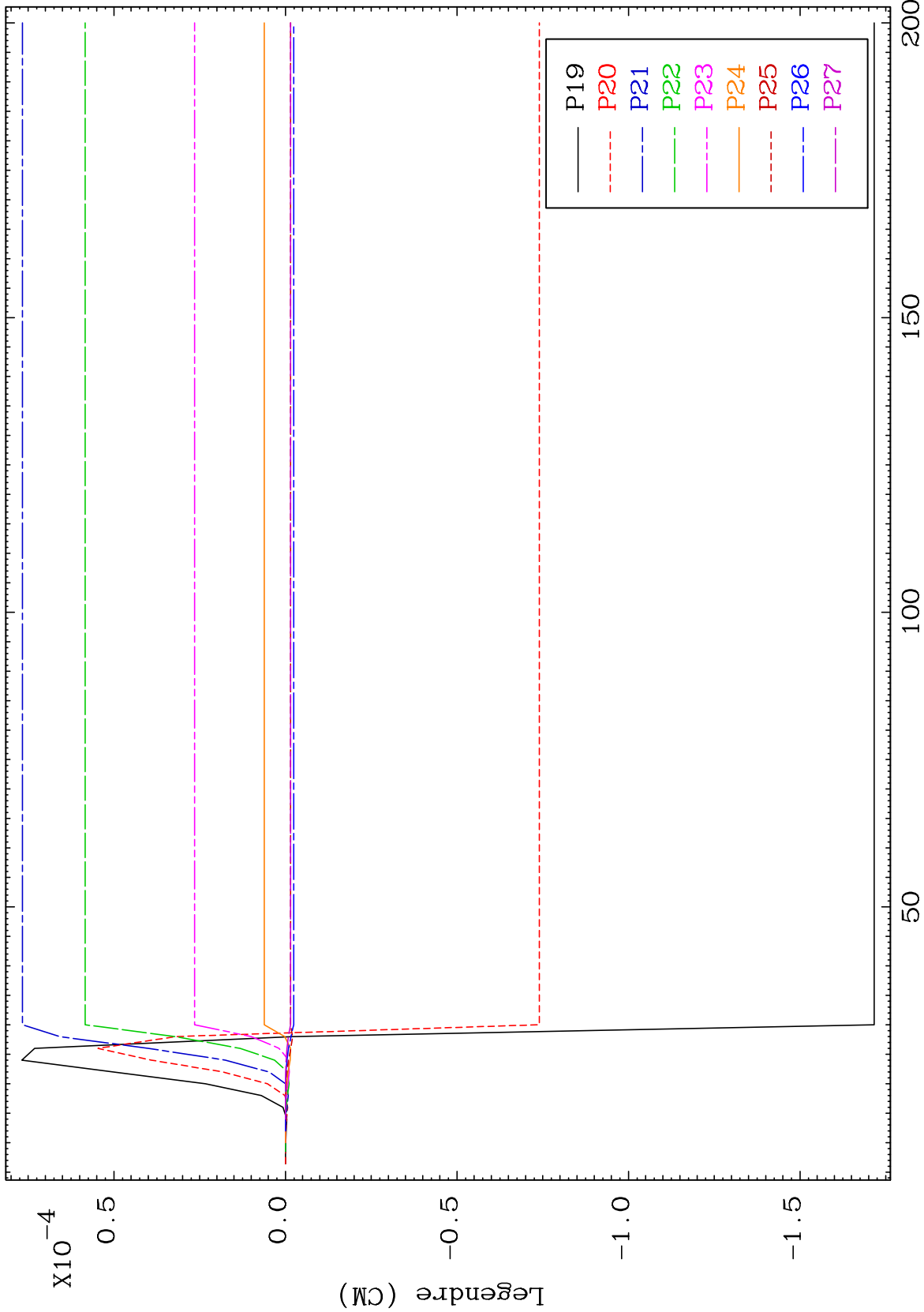


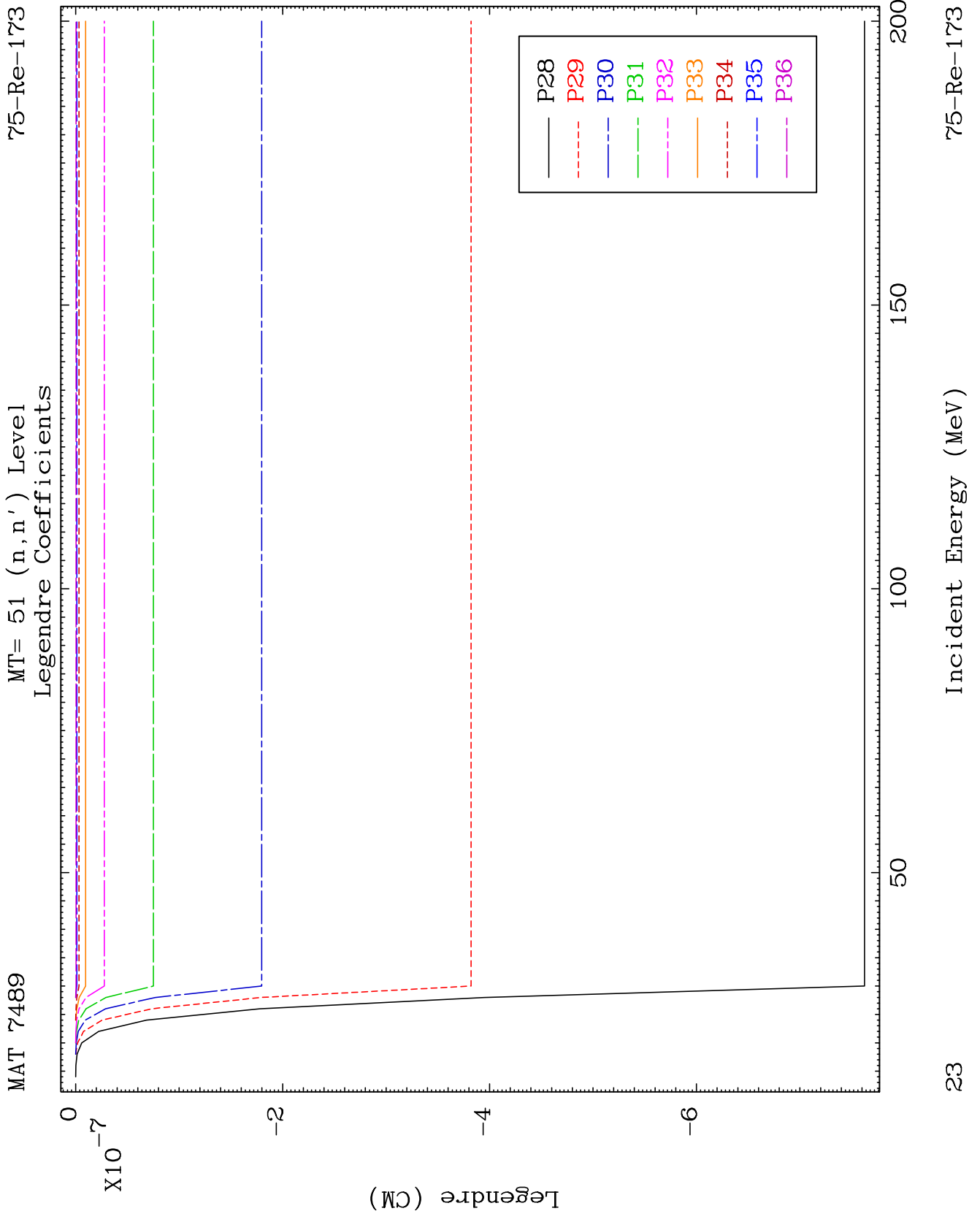
MAT 7489

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

75-Re-173





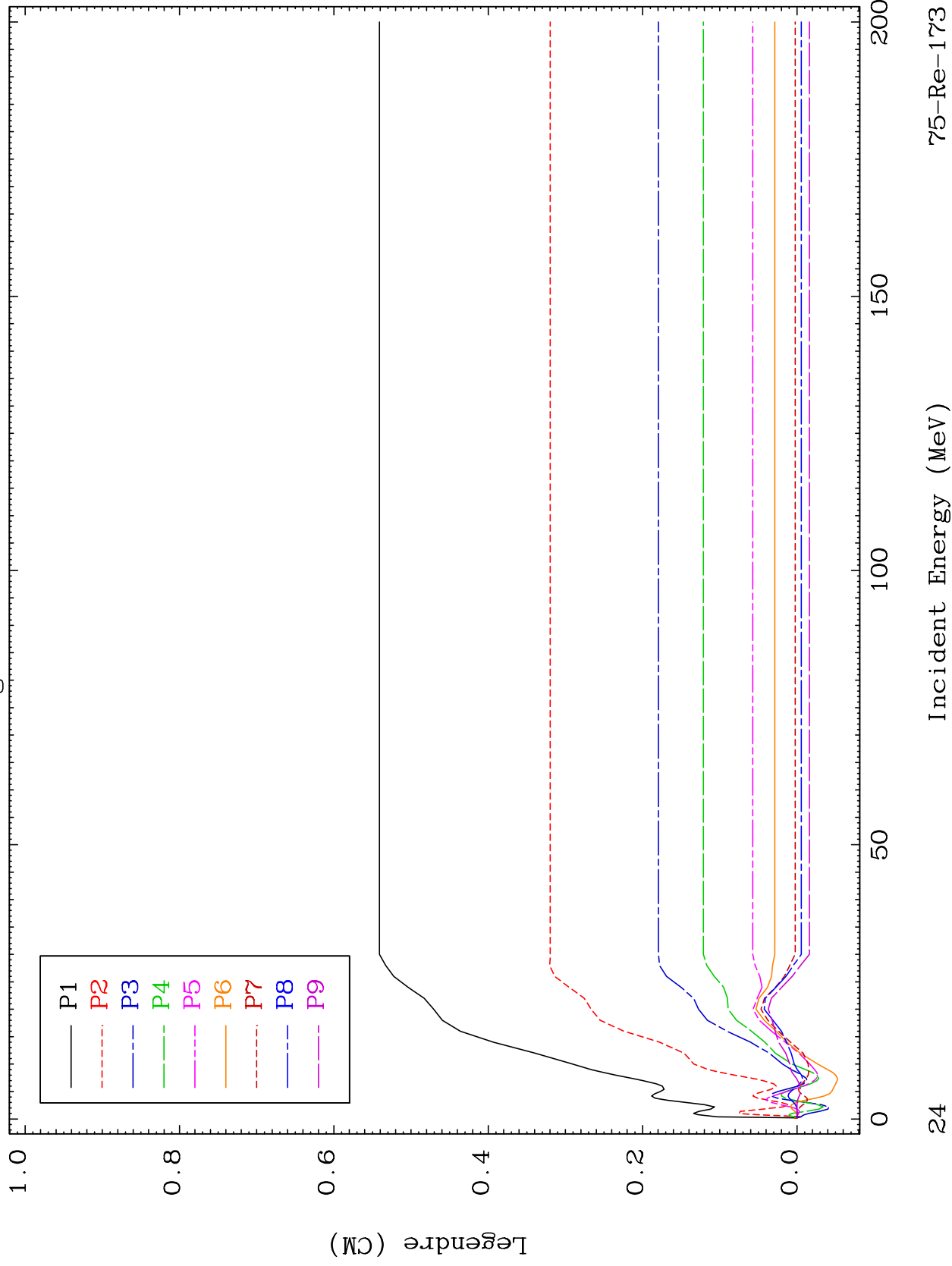




MAT 7489

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

75-Re-173

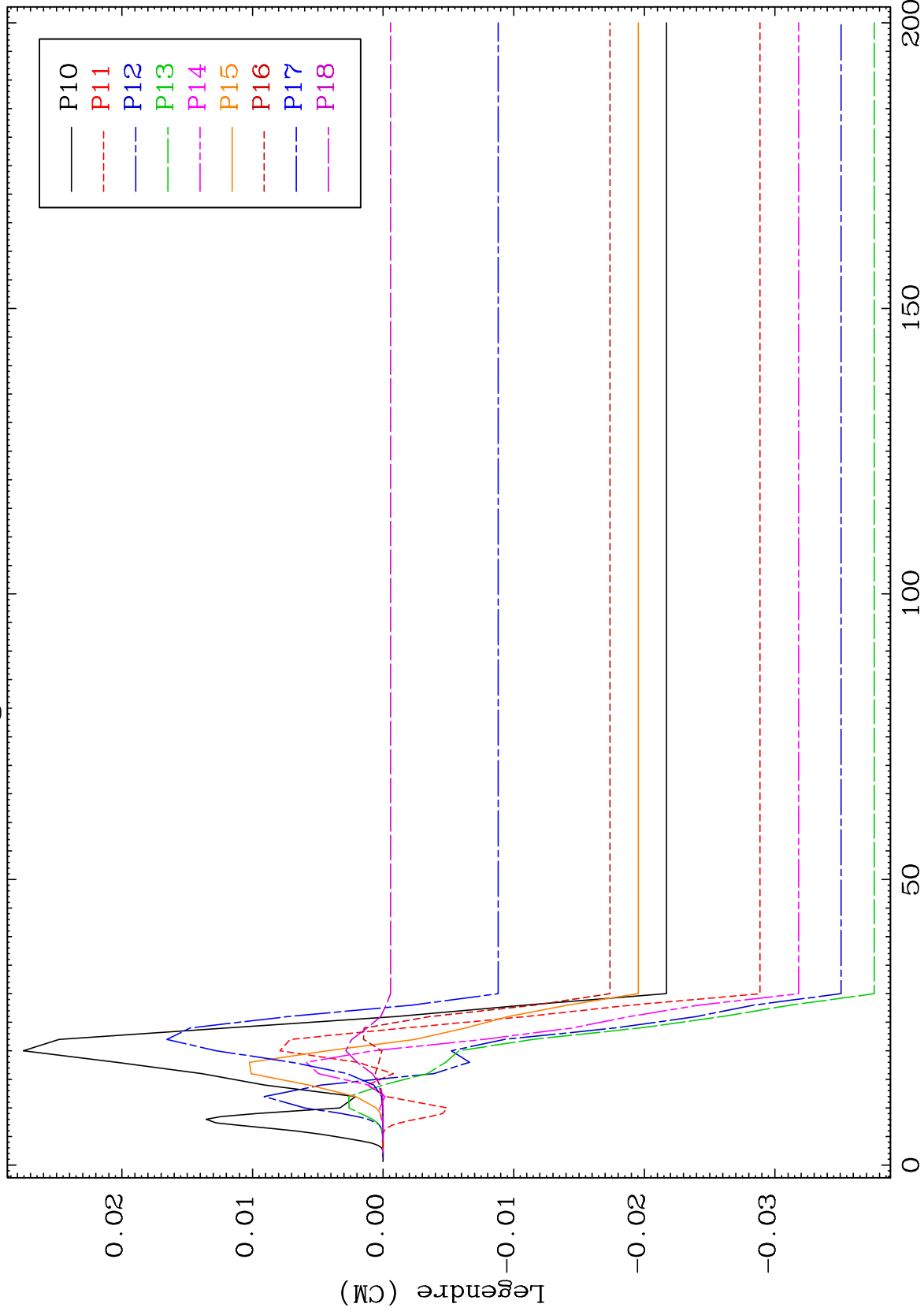


24

MAT 7489

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

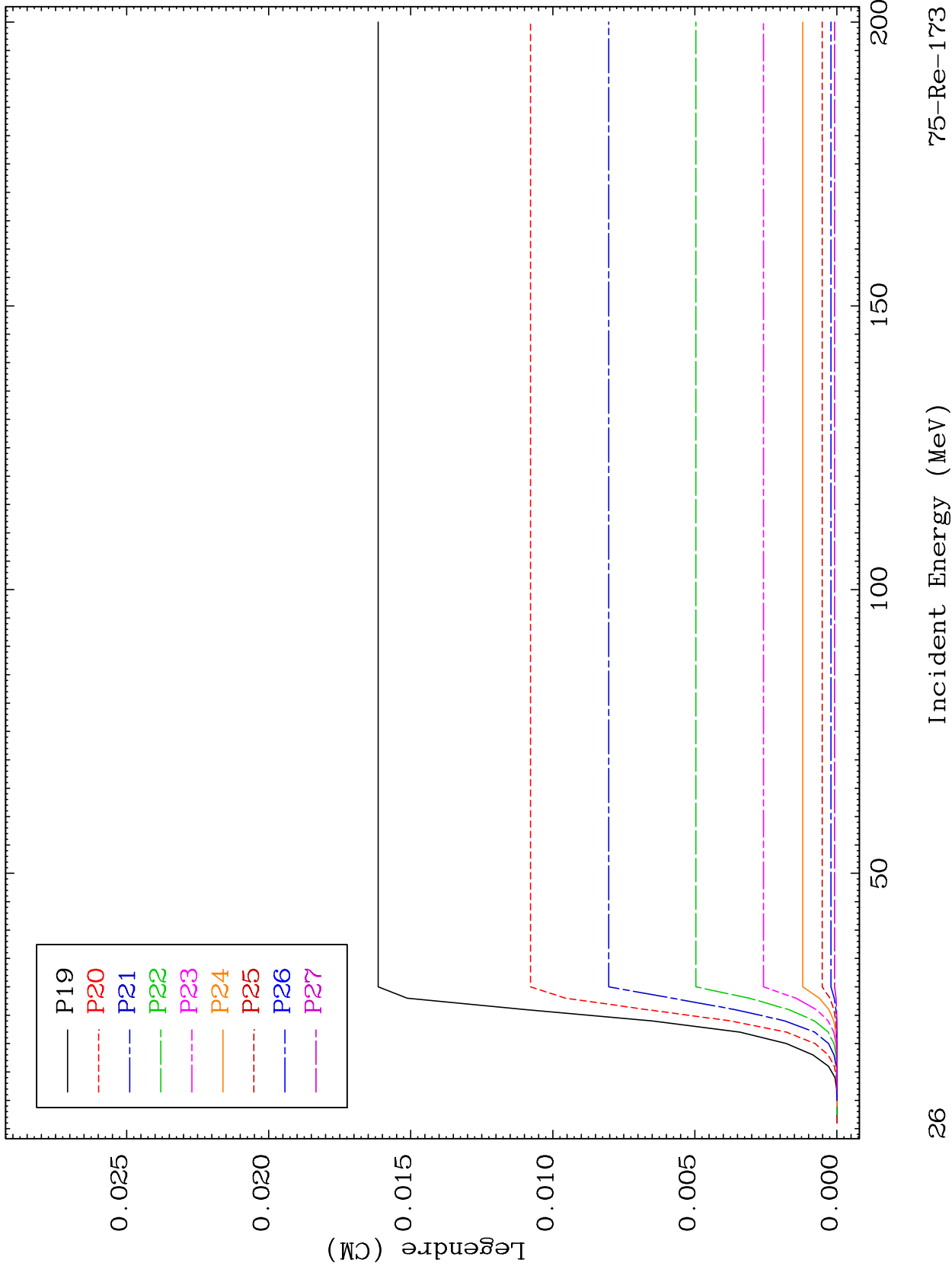
75-Re-173



25

Incident Energy (MeV)

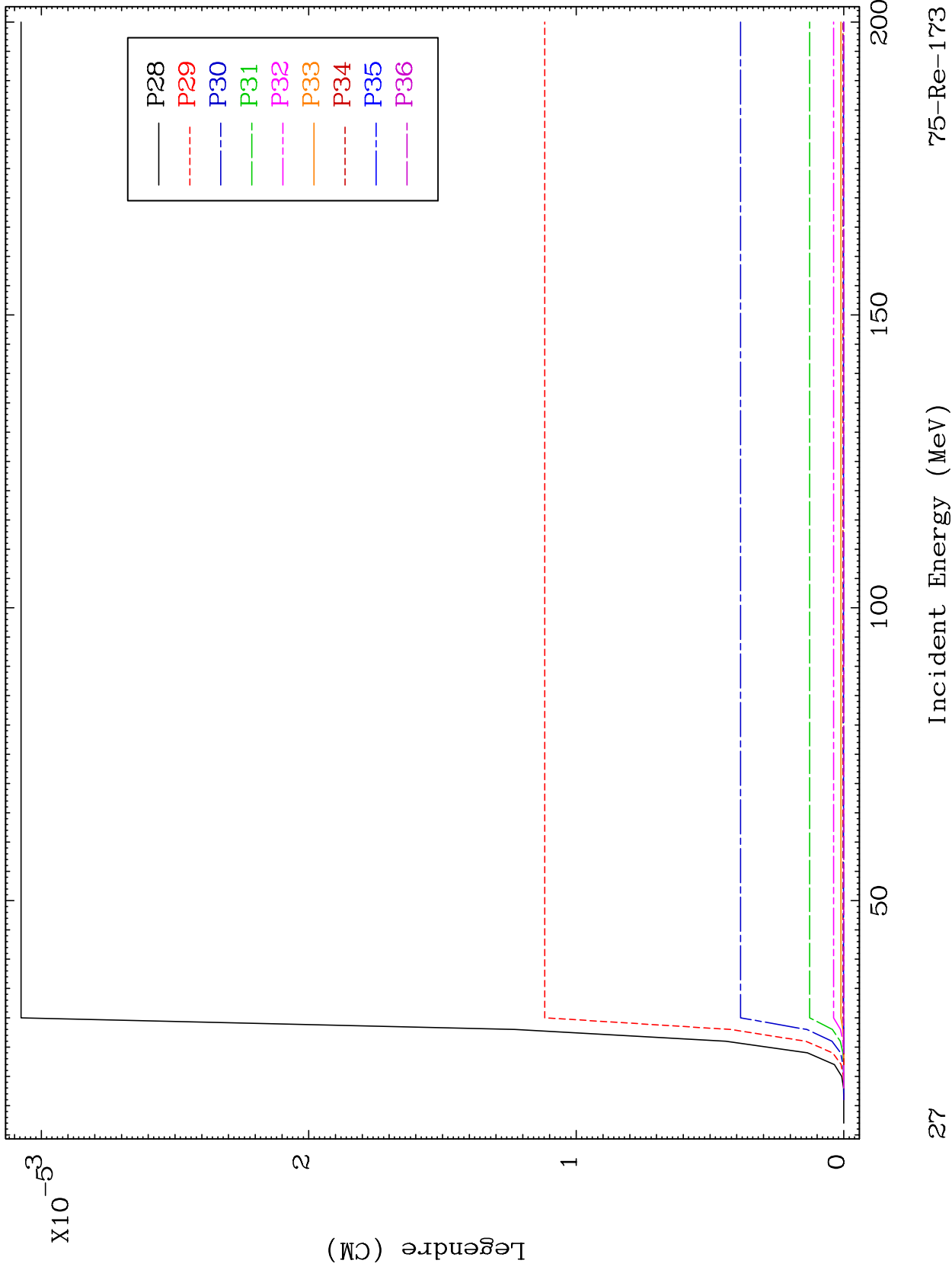
75-Re-173



MAT 7489

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

75-Re-173



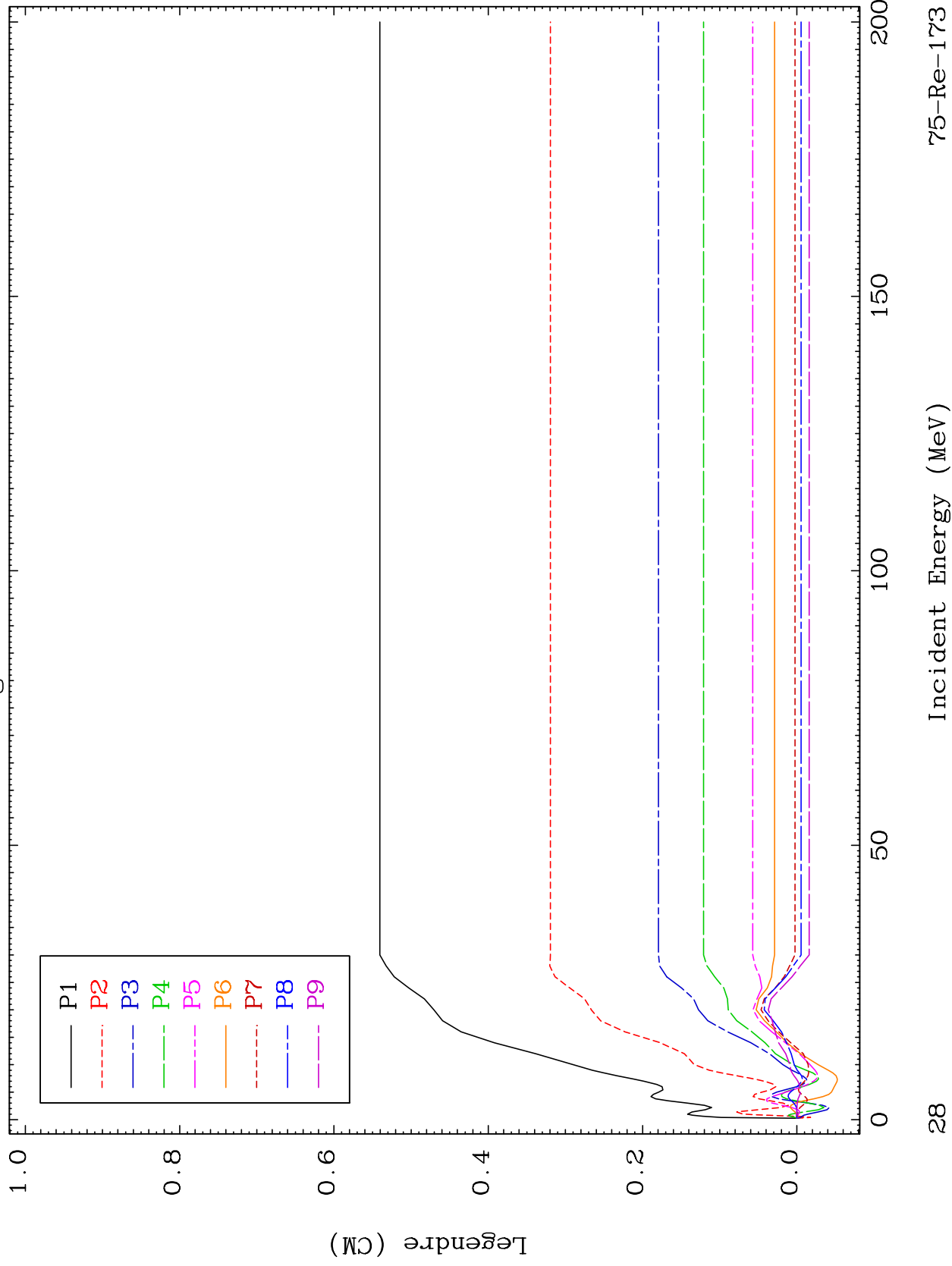
27

75-Re-173

MAT 7489

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

75-Re-173

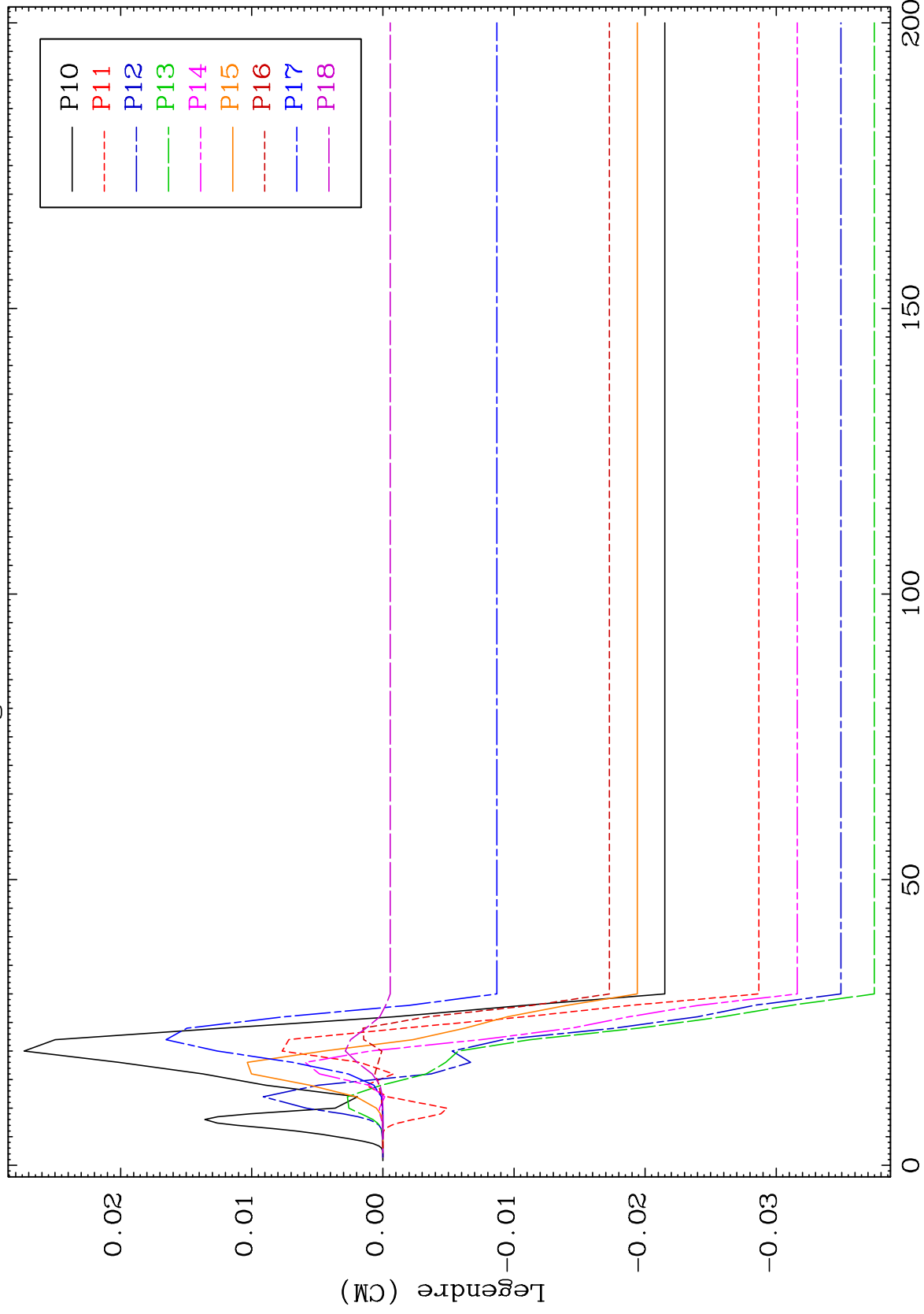


28

MAT 7489

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

75-Re-173



29

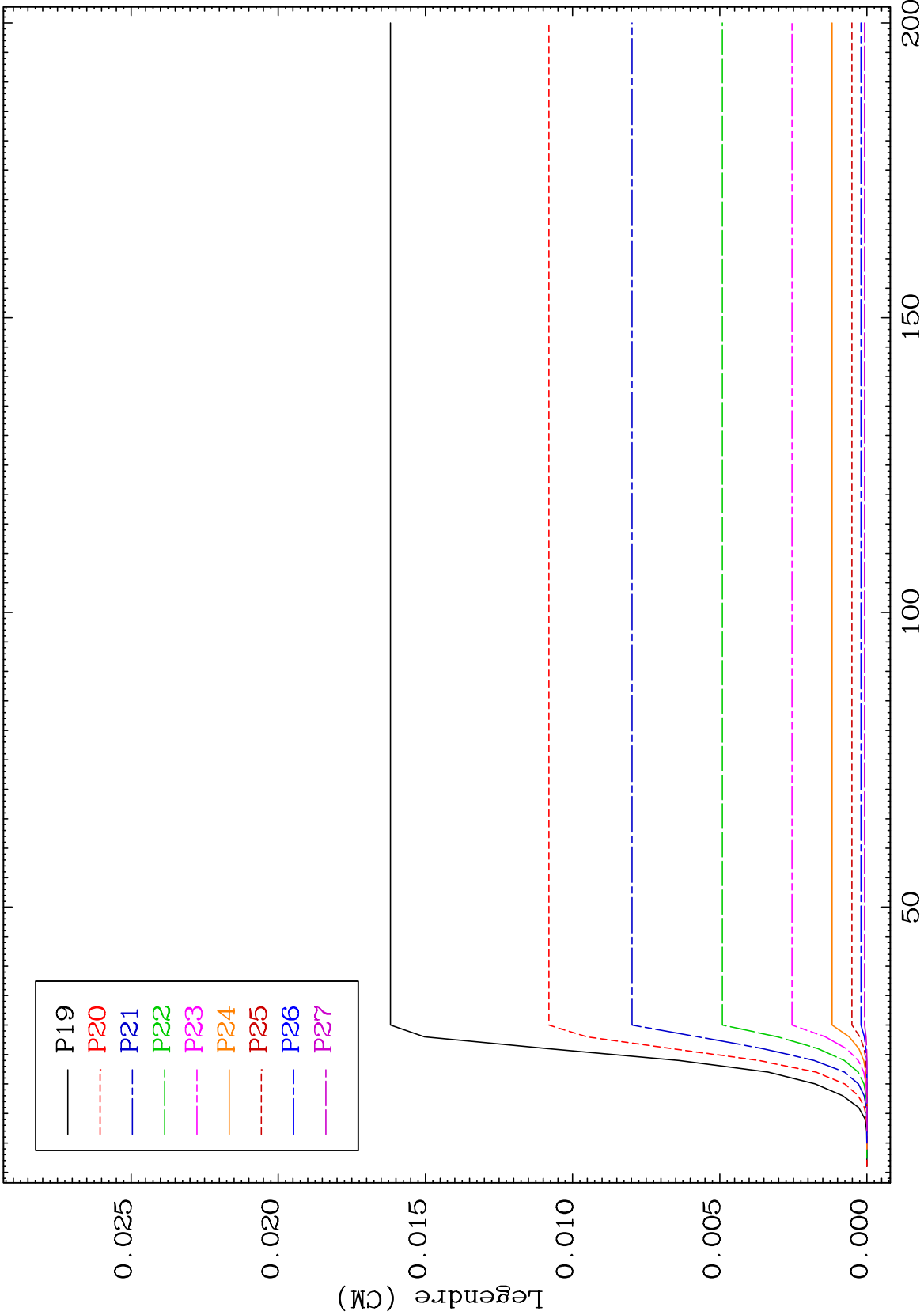
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



30

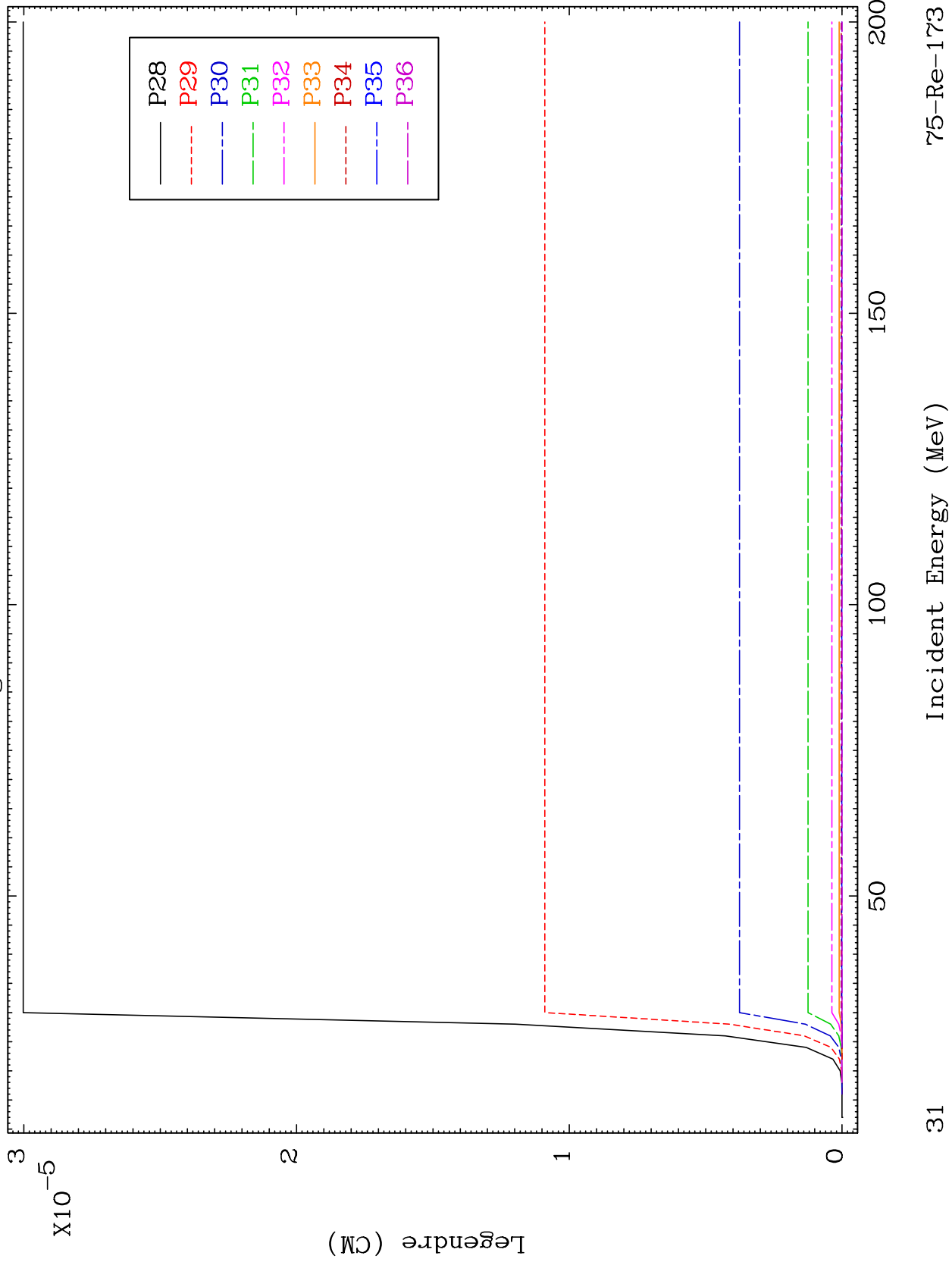
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173

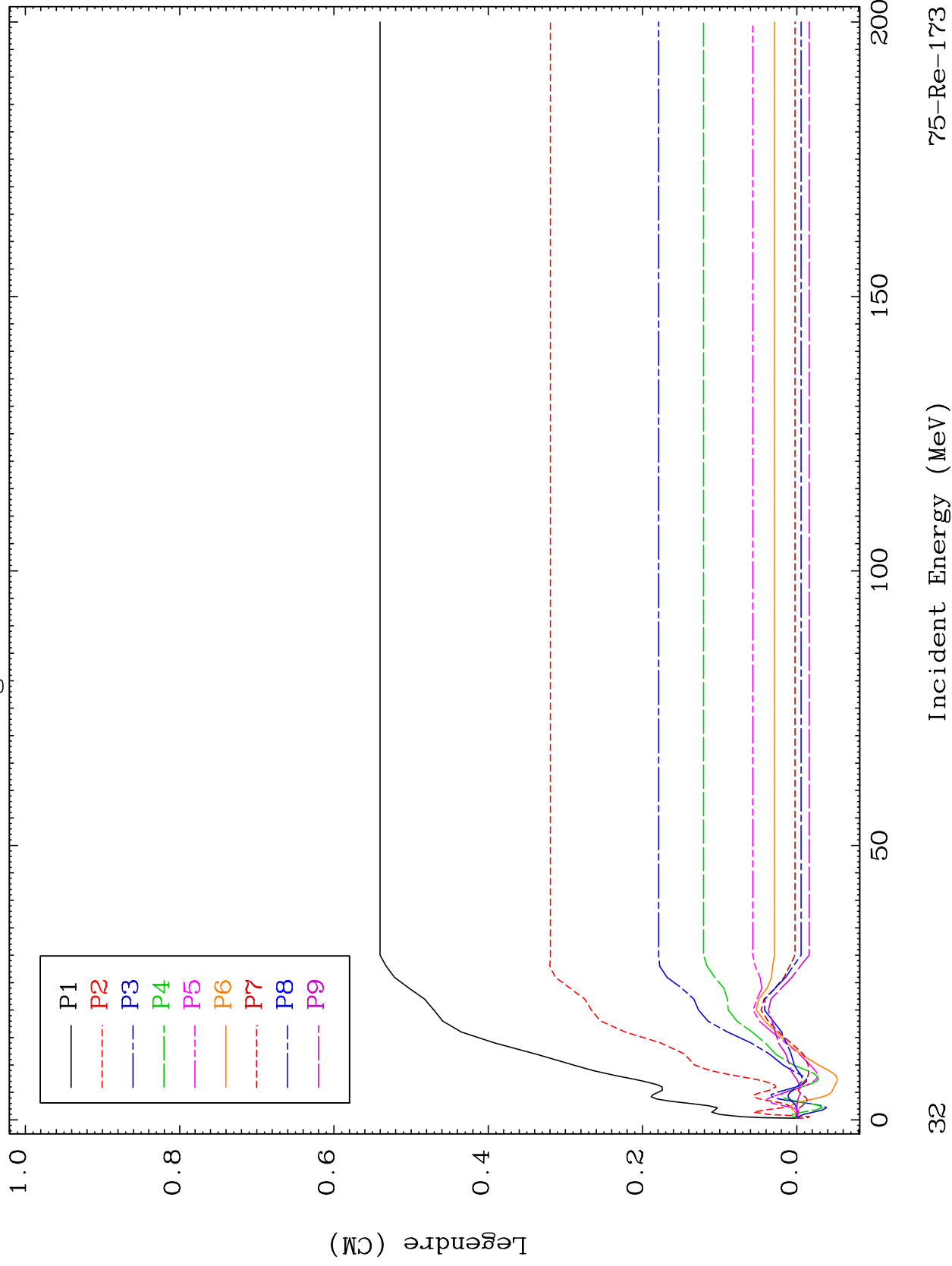




MAT 7489

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

75-Re-173

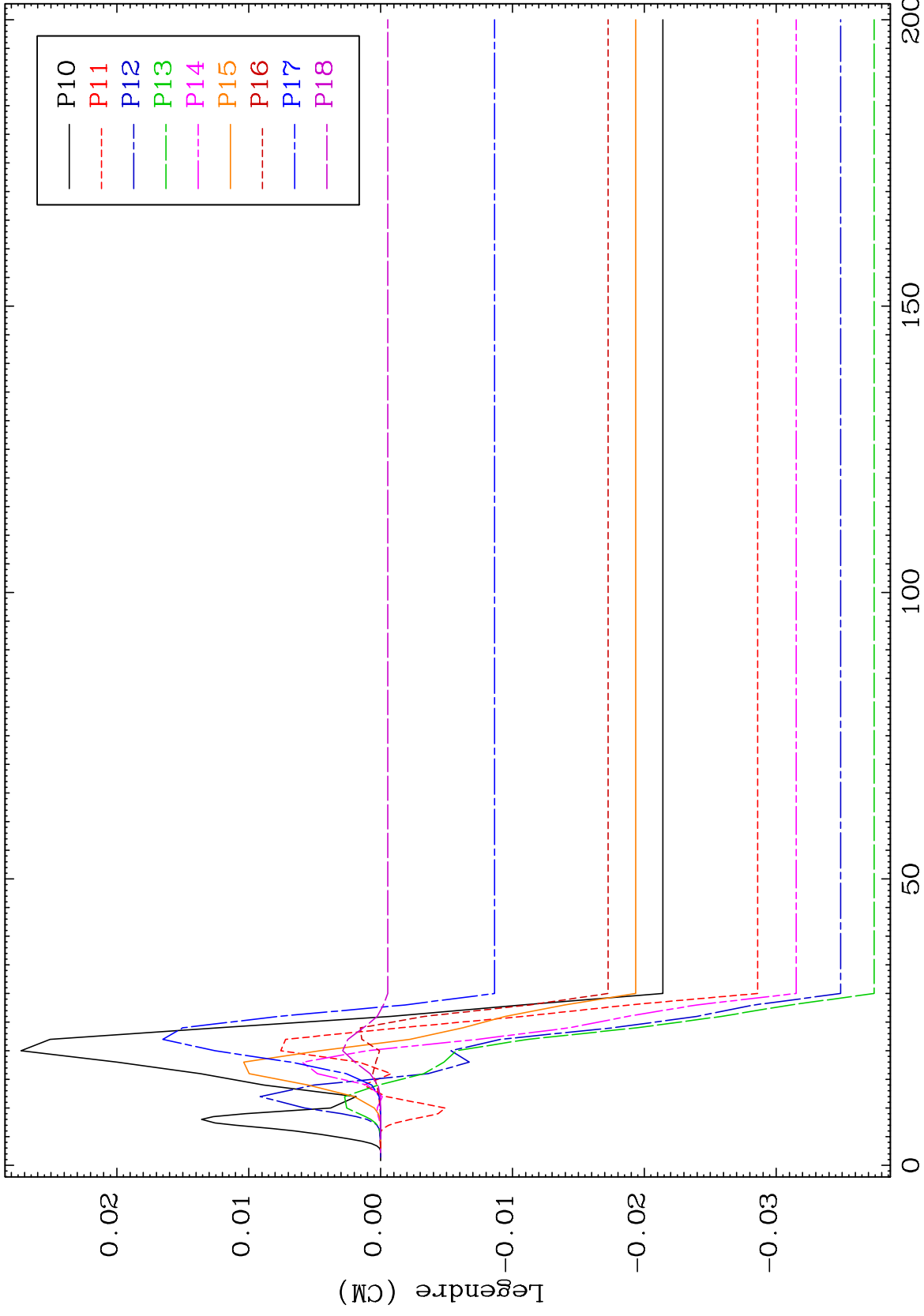


32

MAT 7489

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

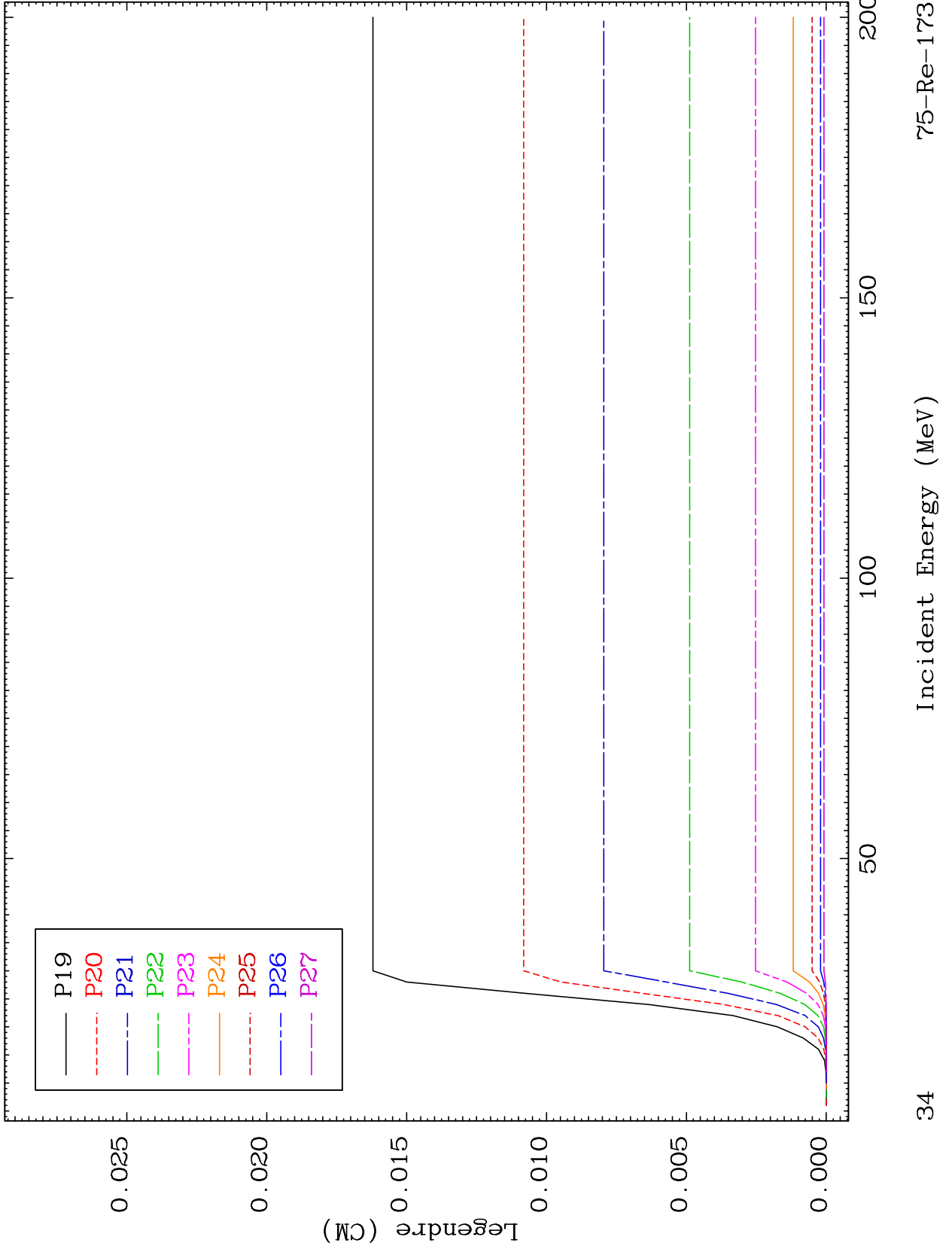
75-Re-173



33

Incident Energy (MeV)

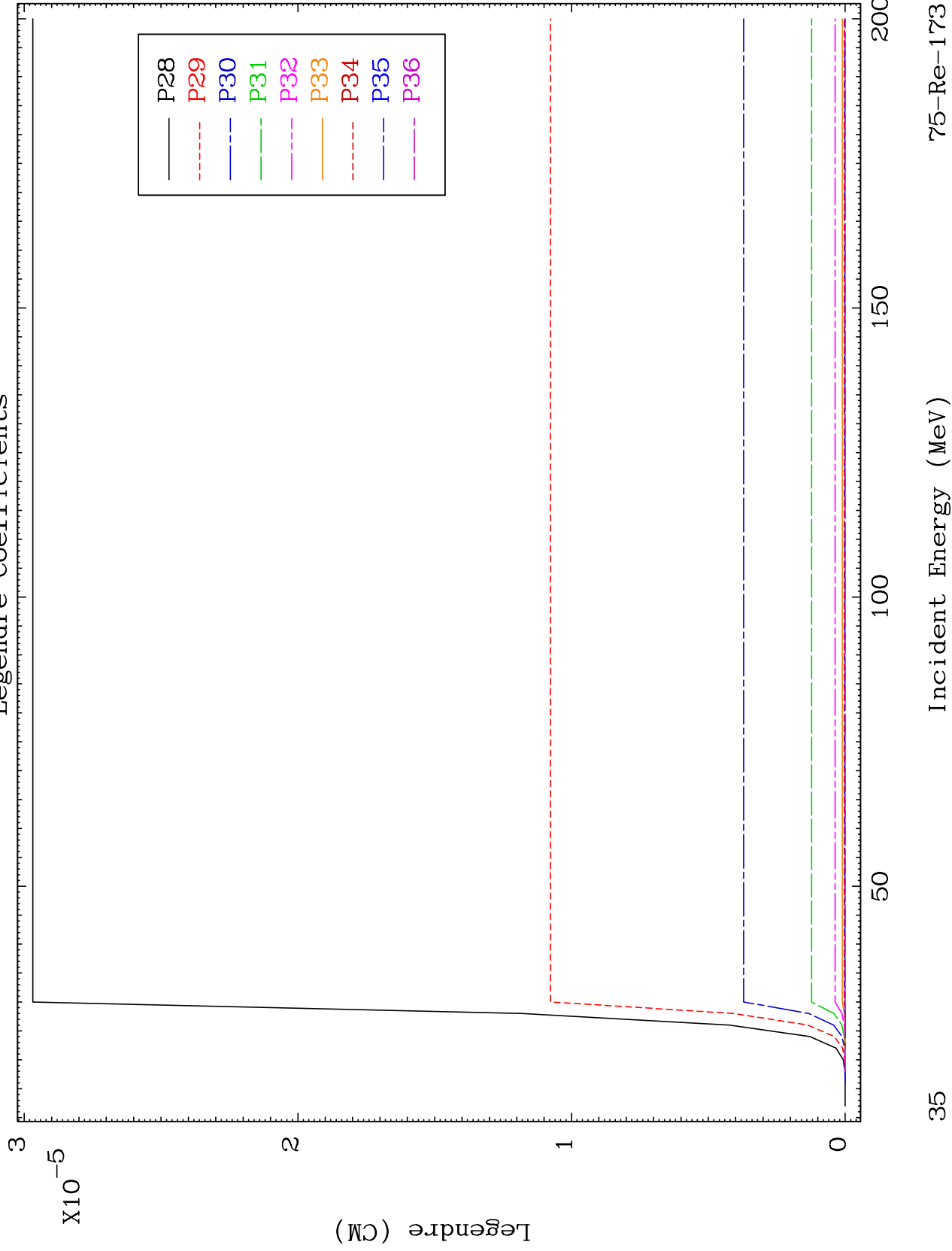
75-Re-173



MAT 7489

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

75-Re-173



35

Incident Energy (MeV)

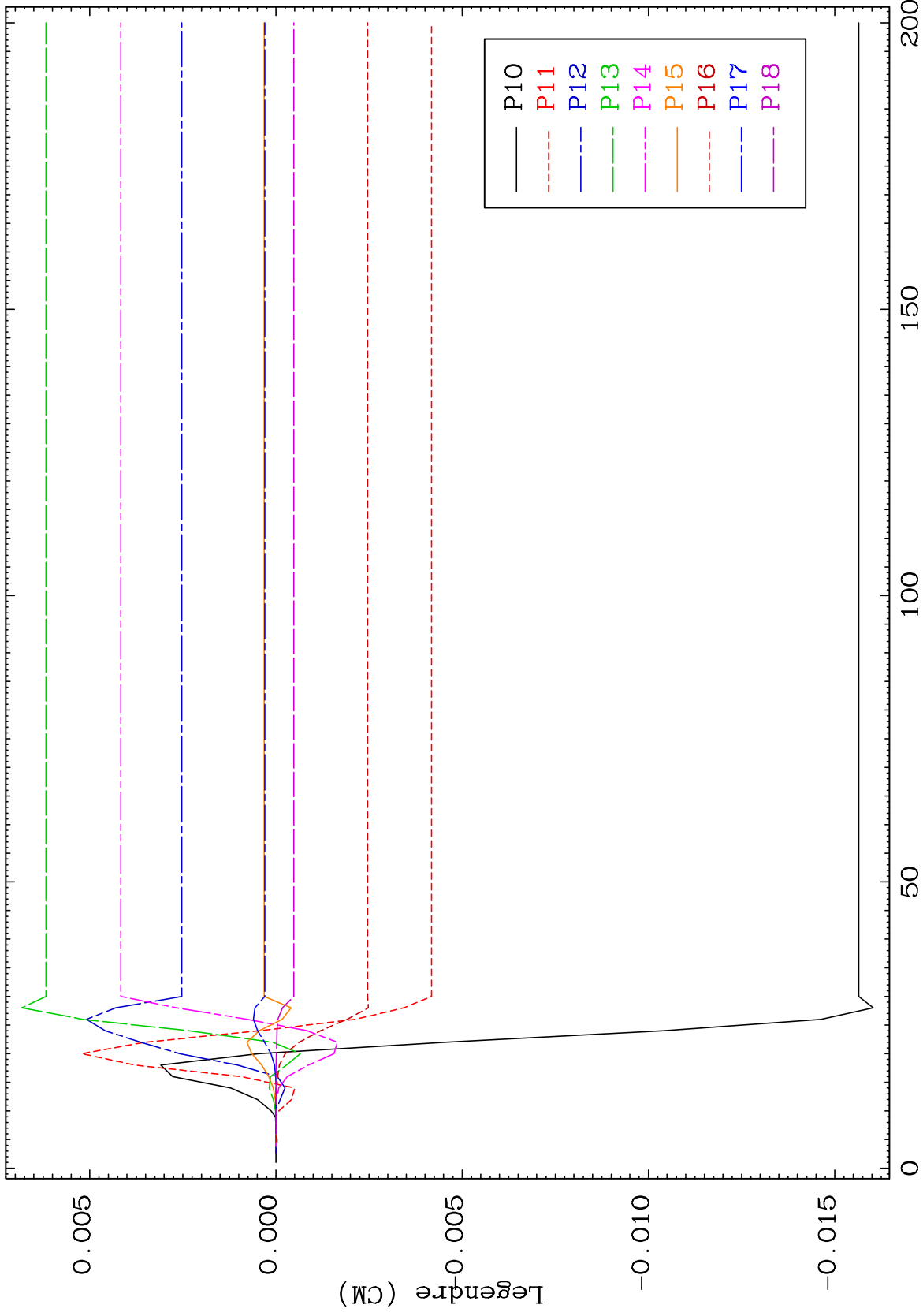
75-Re-173



MAT 7489

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

75-Re-173



37

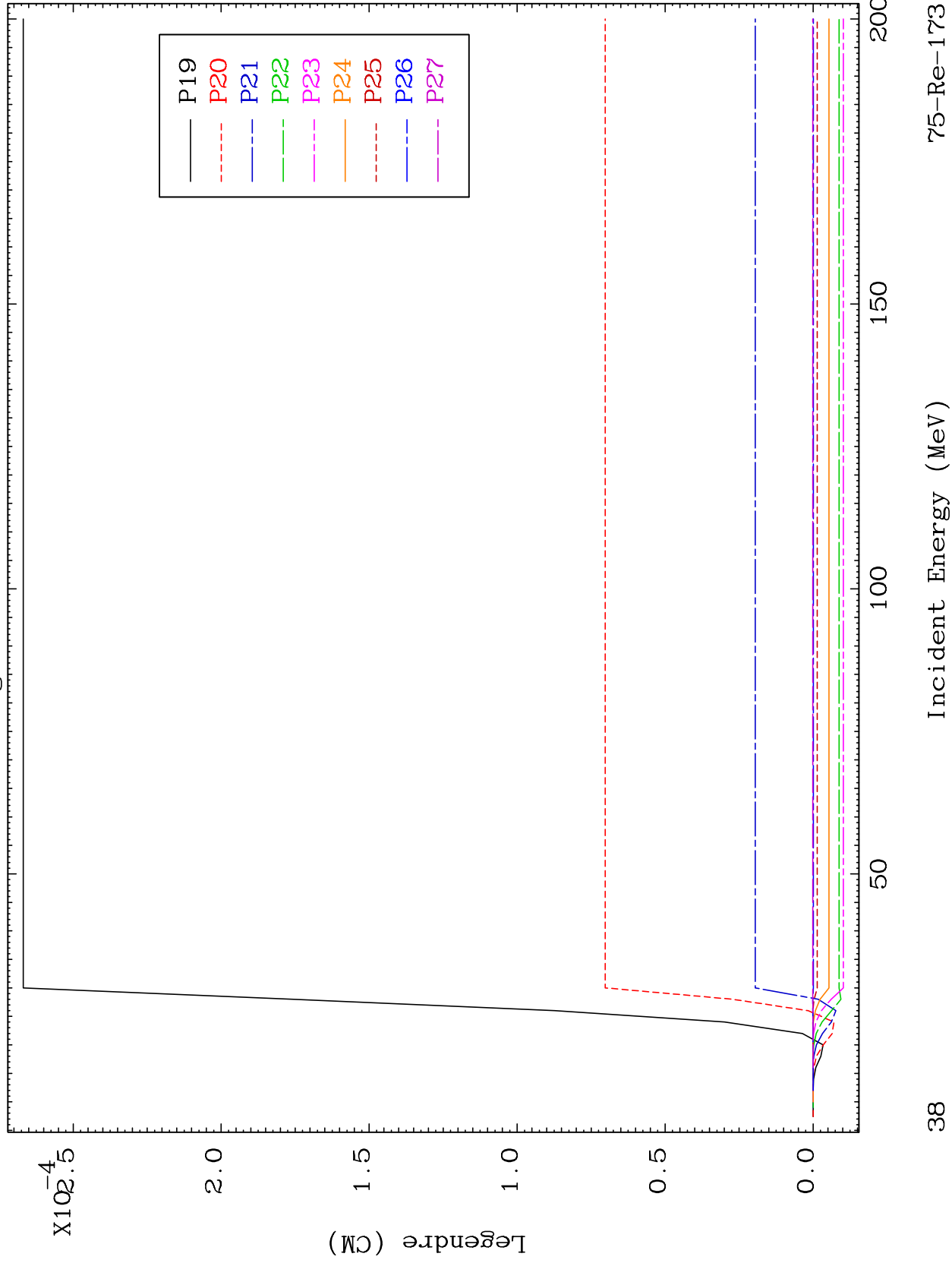
Incident Energy (MeV)

75-Re-173

MAT 7489

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

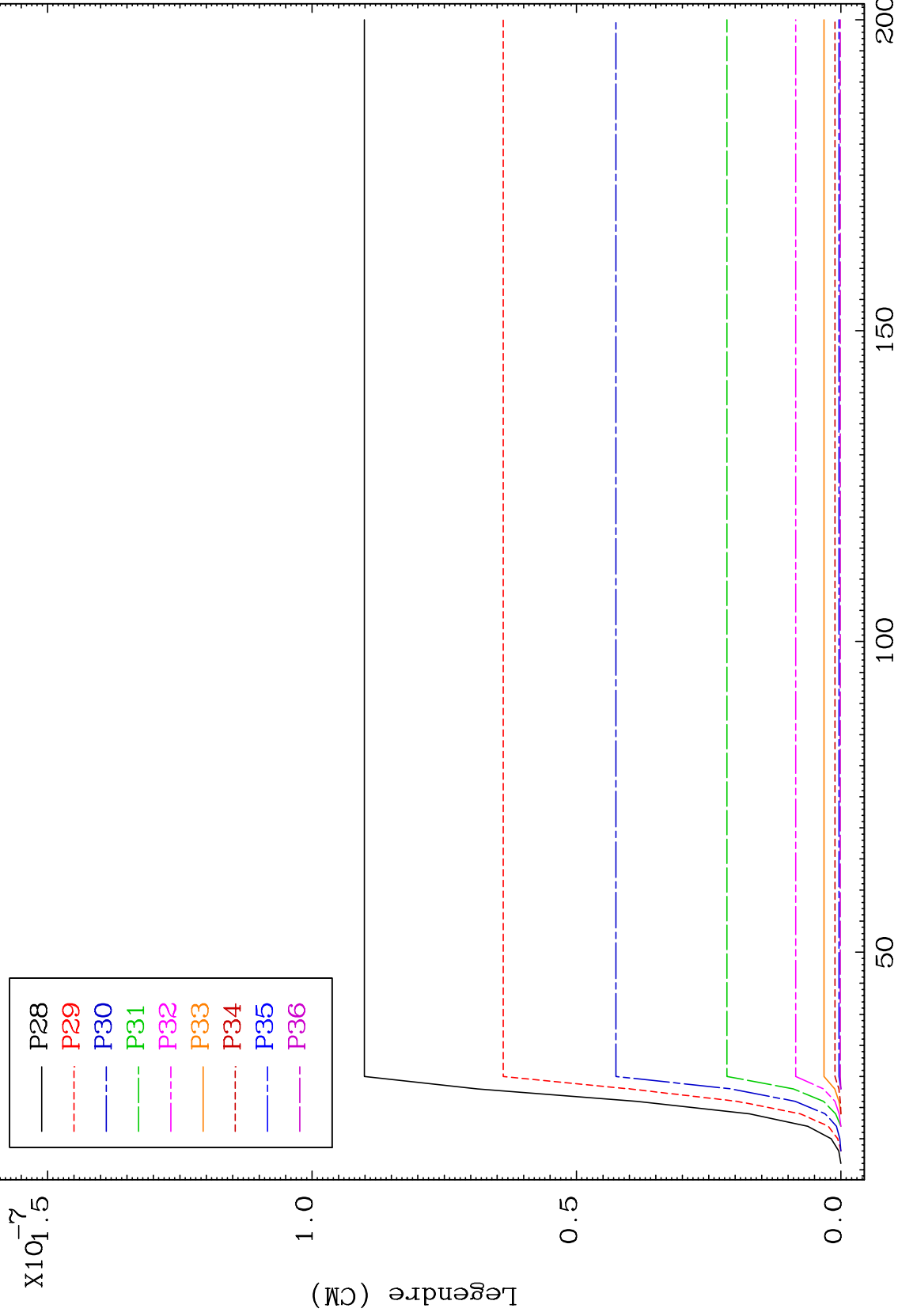
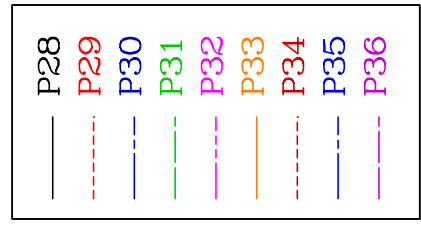
75-Re-173



MAT 7489

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

75-Re-173



39

Incident Energy (MeV)

75-Re-173

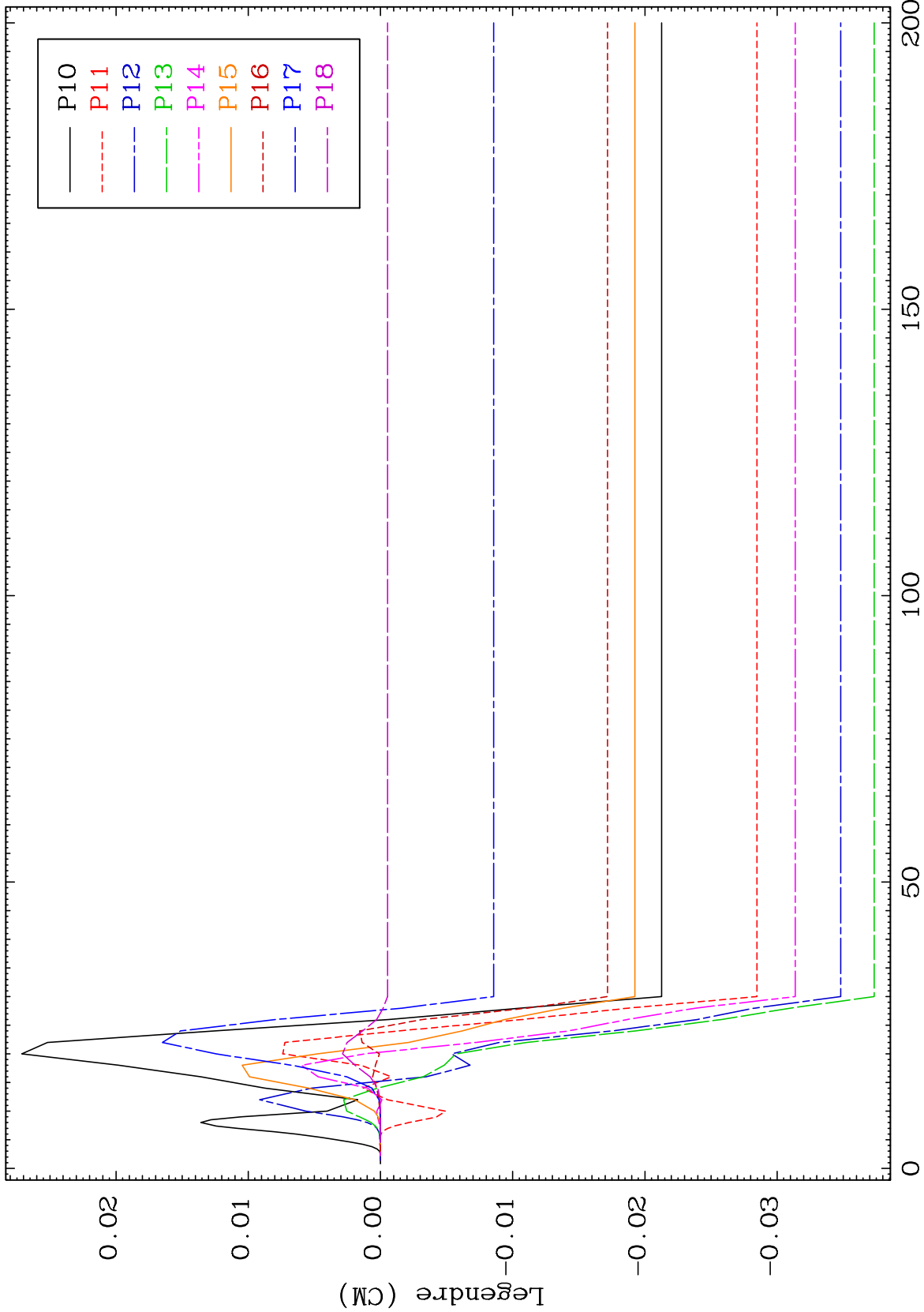




MAT 7489

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

75-Re-173



41

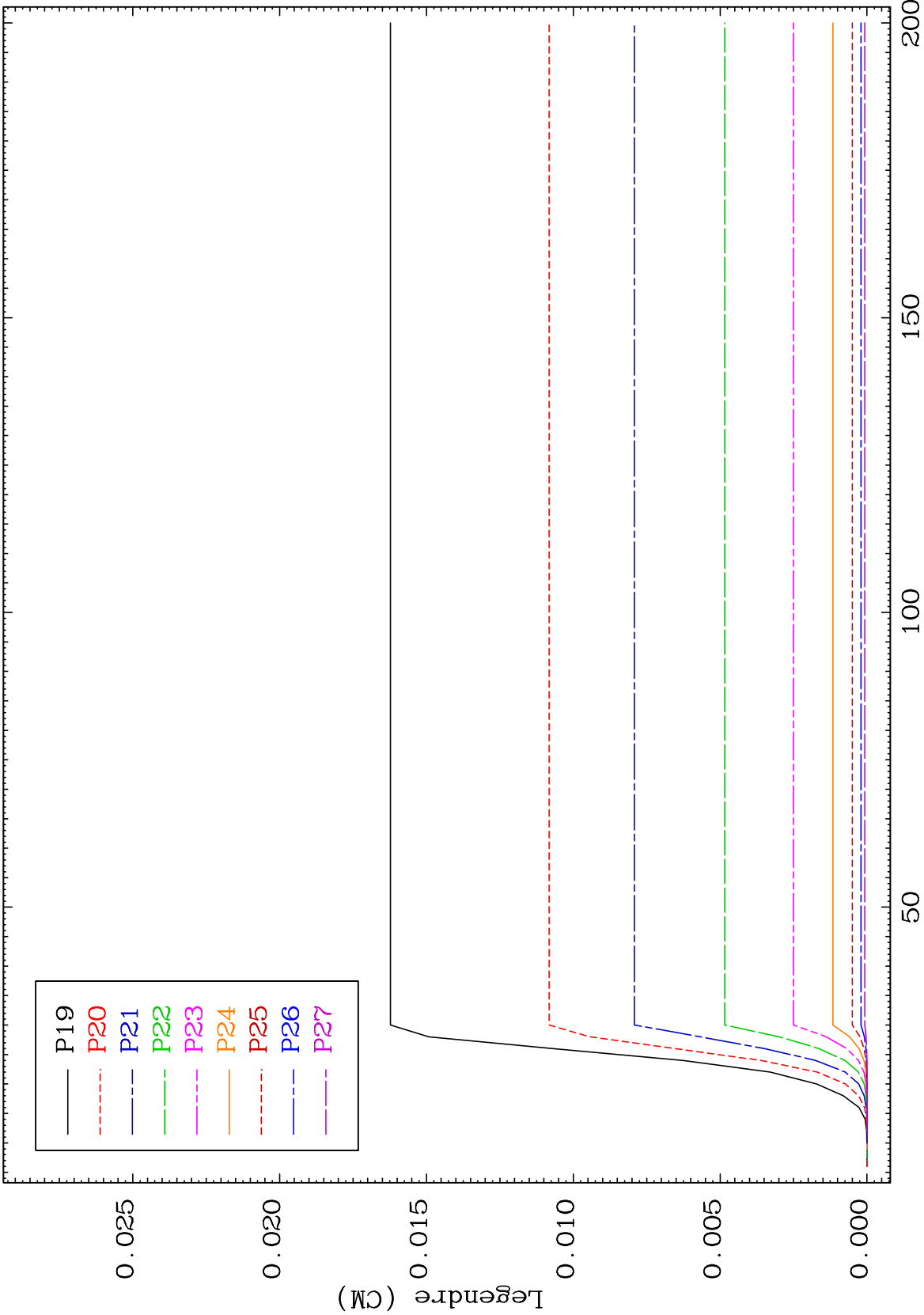
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



42

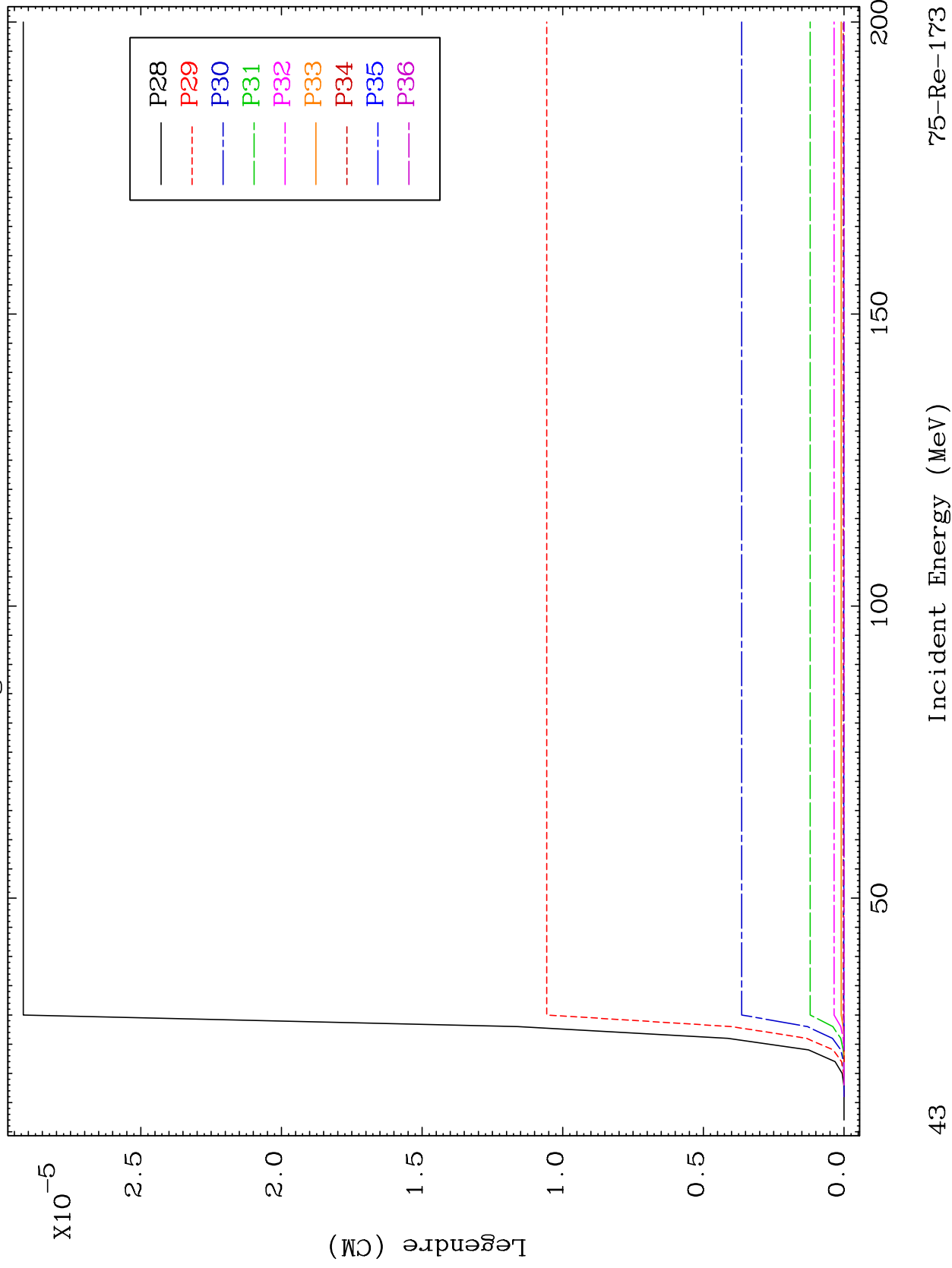
Incident Energy (MeV)

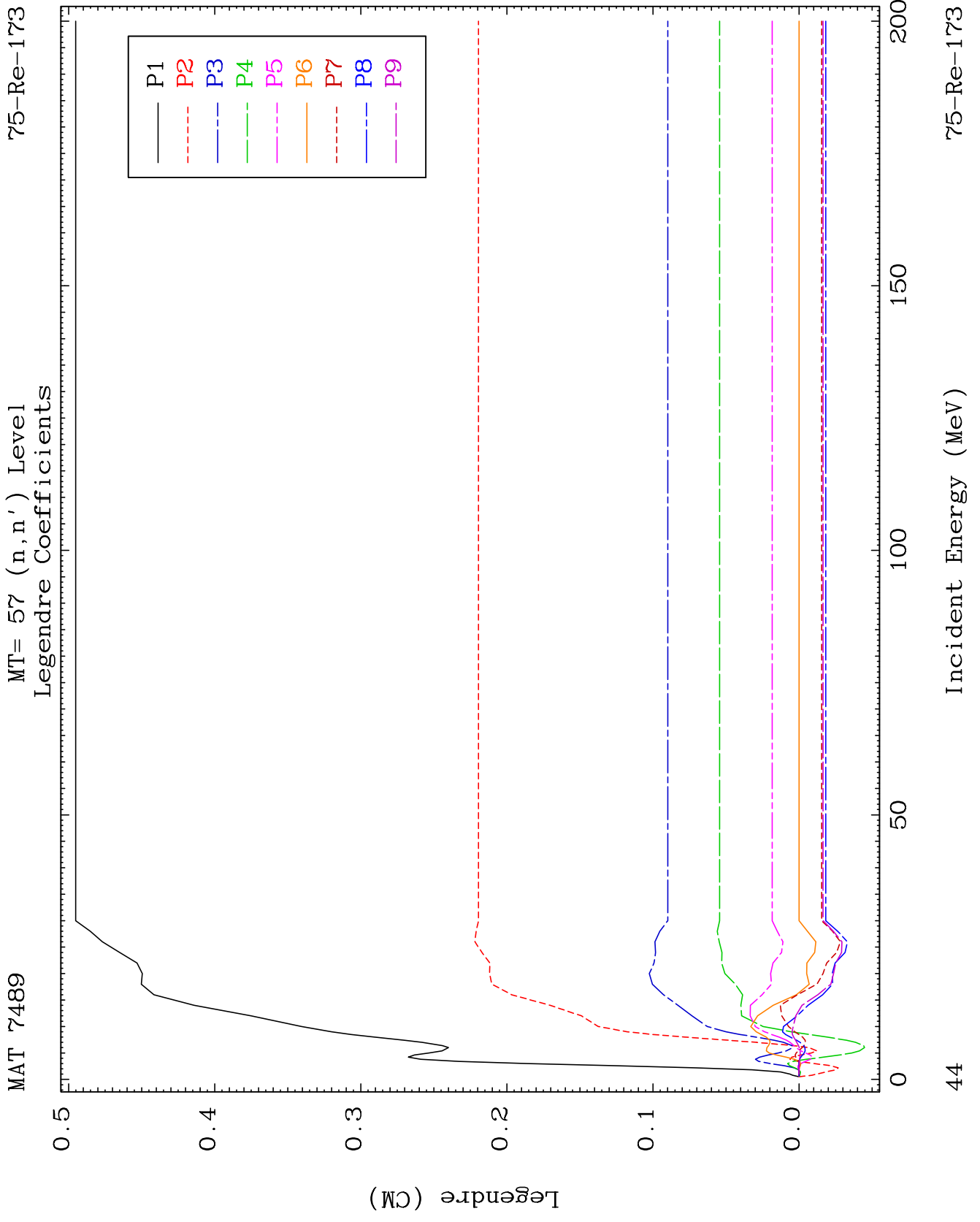
75-Re-173

MAT 7489

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

75-Re-173

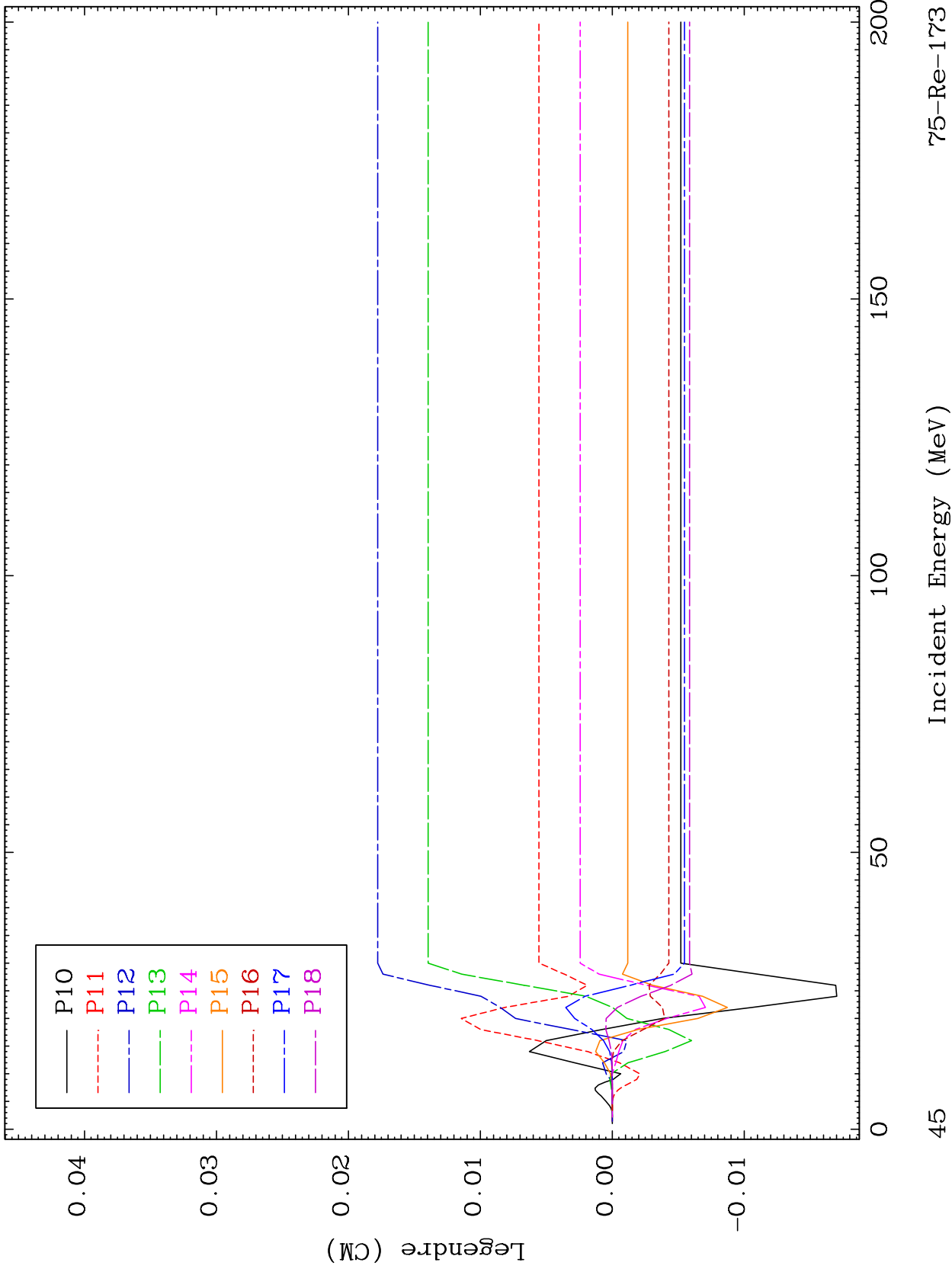




MAT 7489

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

75-Re-173



75-Re-173

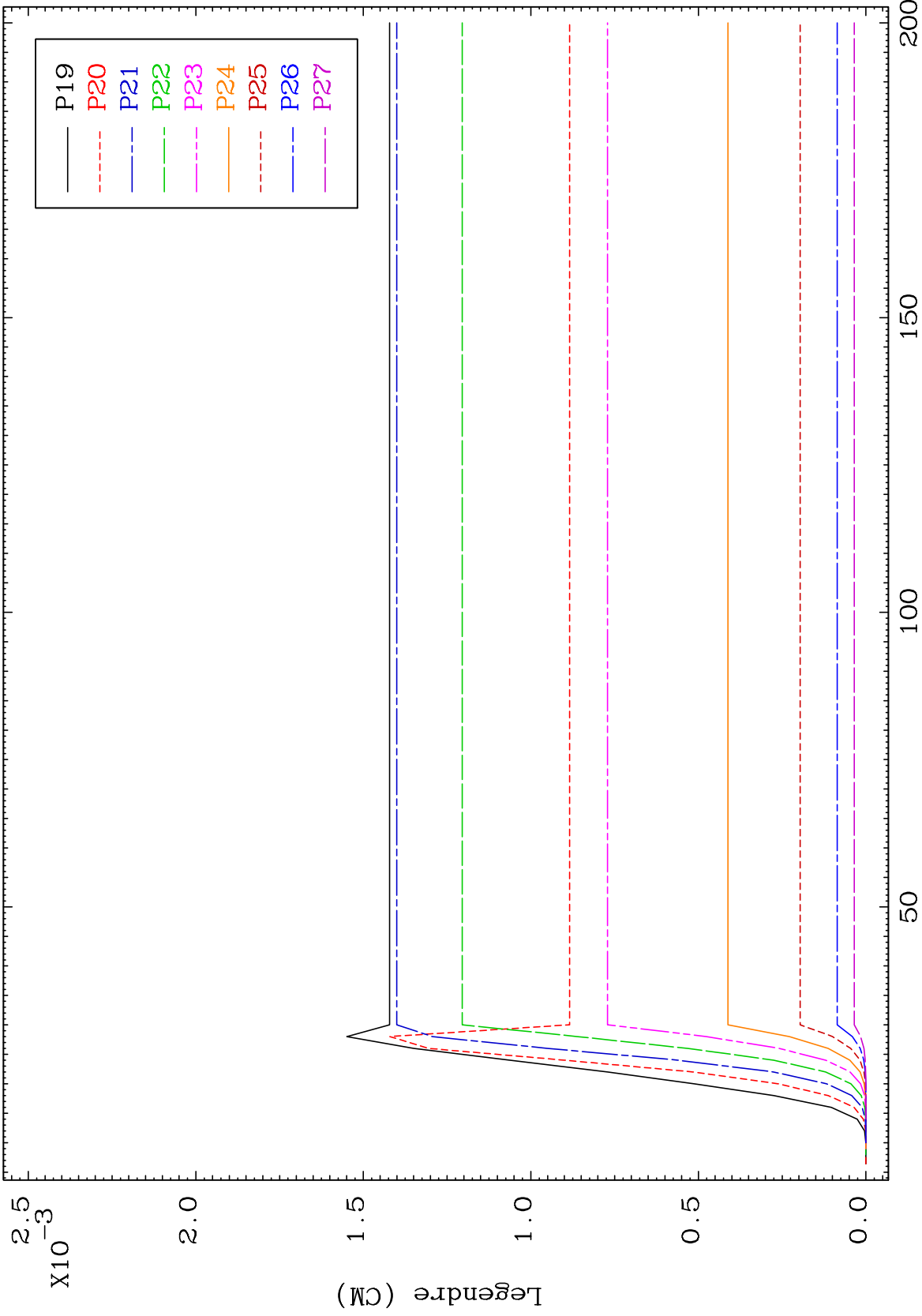
Incident Energy (MeV)

45

MAT 7489

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

75-Re-173



46

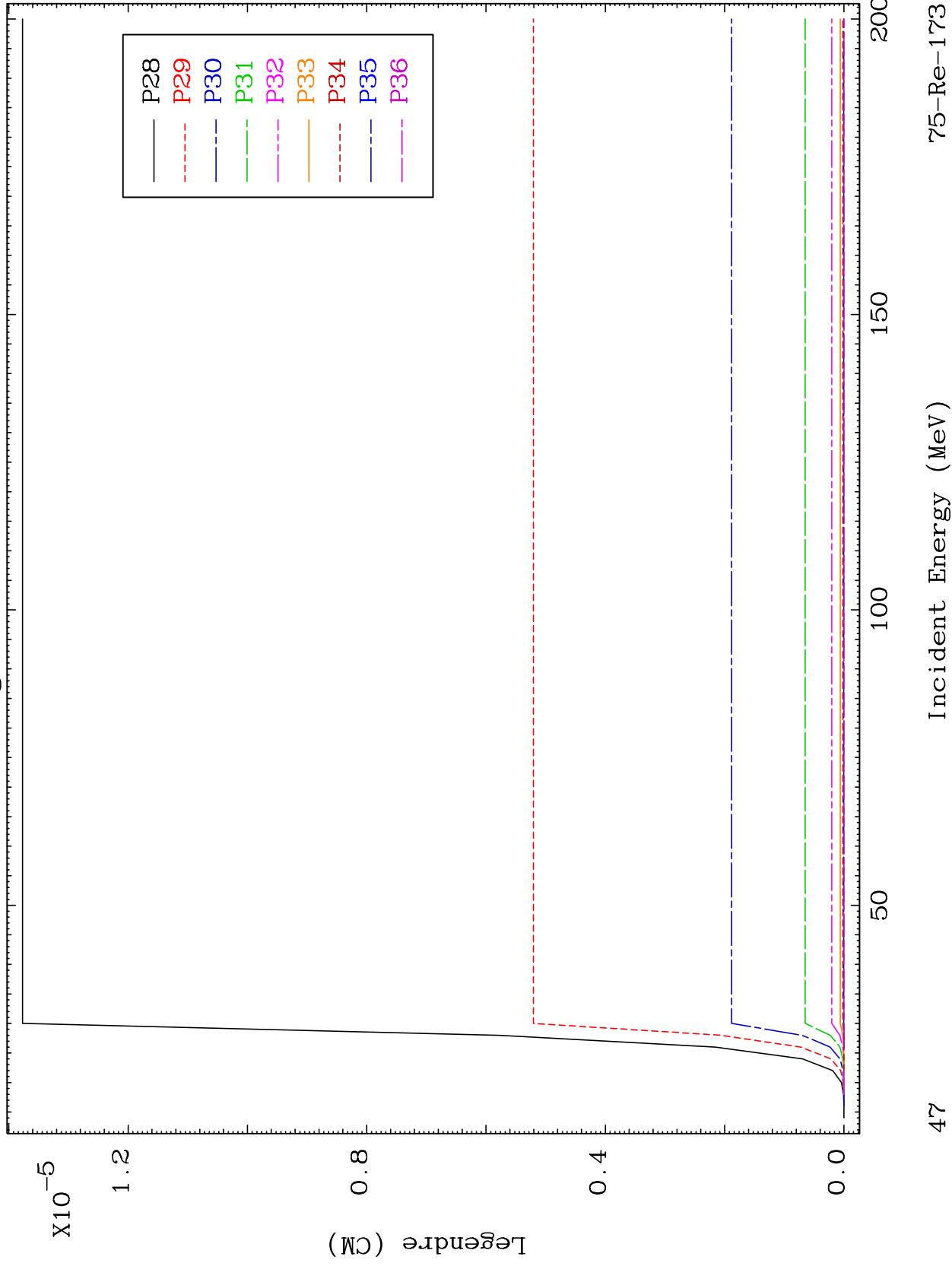
Incident Energy (MeV)

75-Re-173

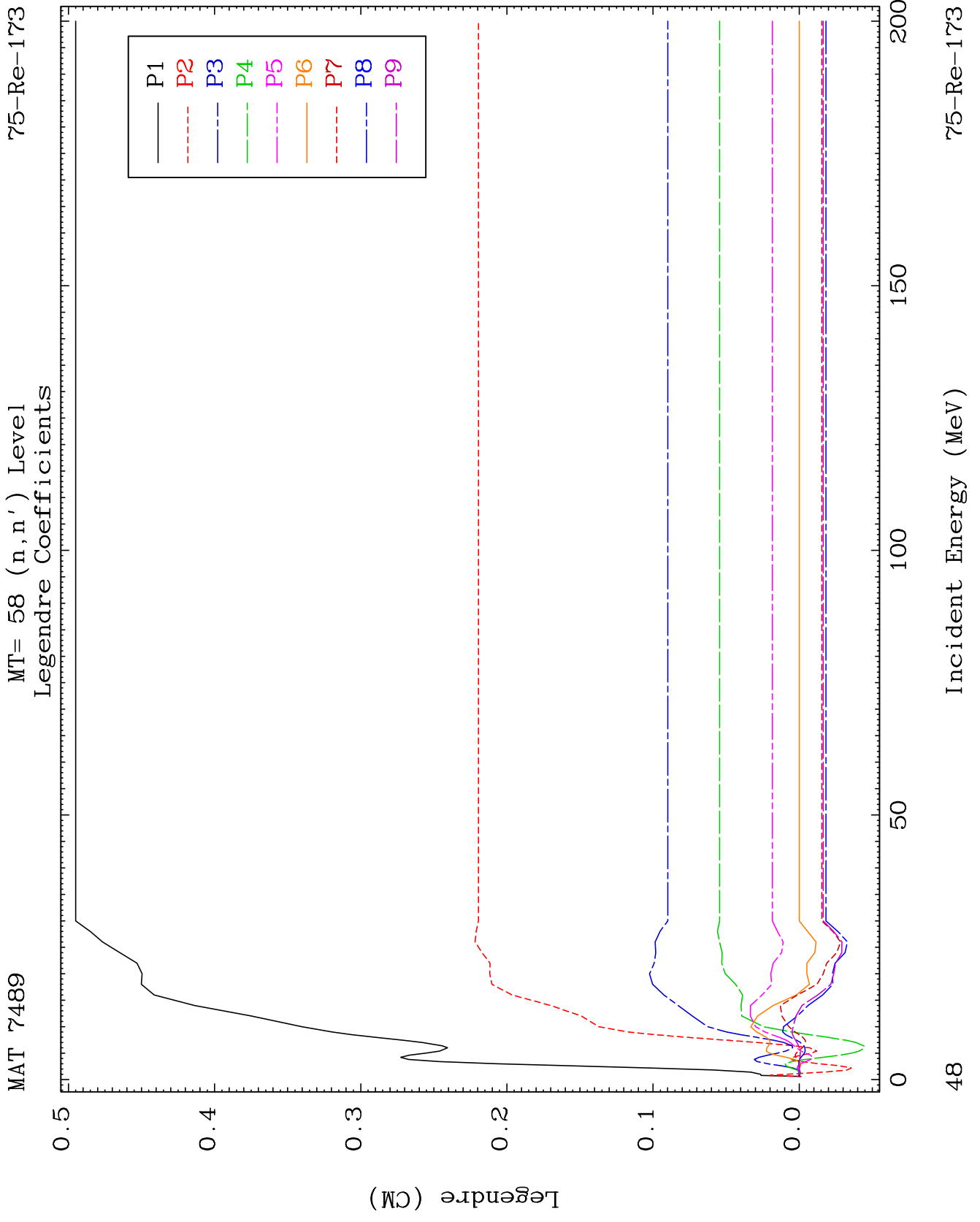
MAT 7489

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

75-Re-173



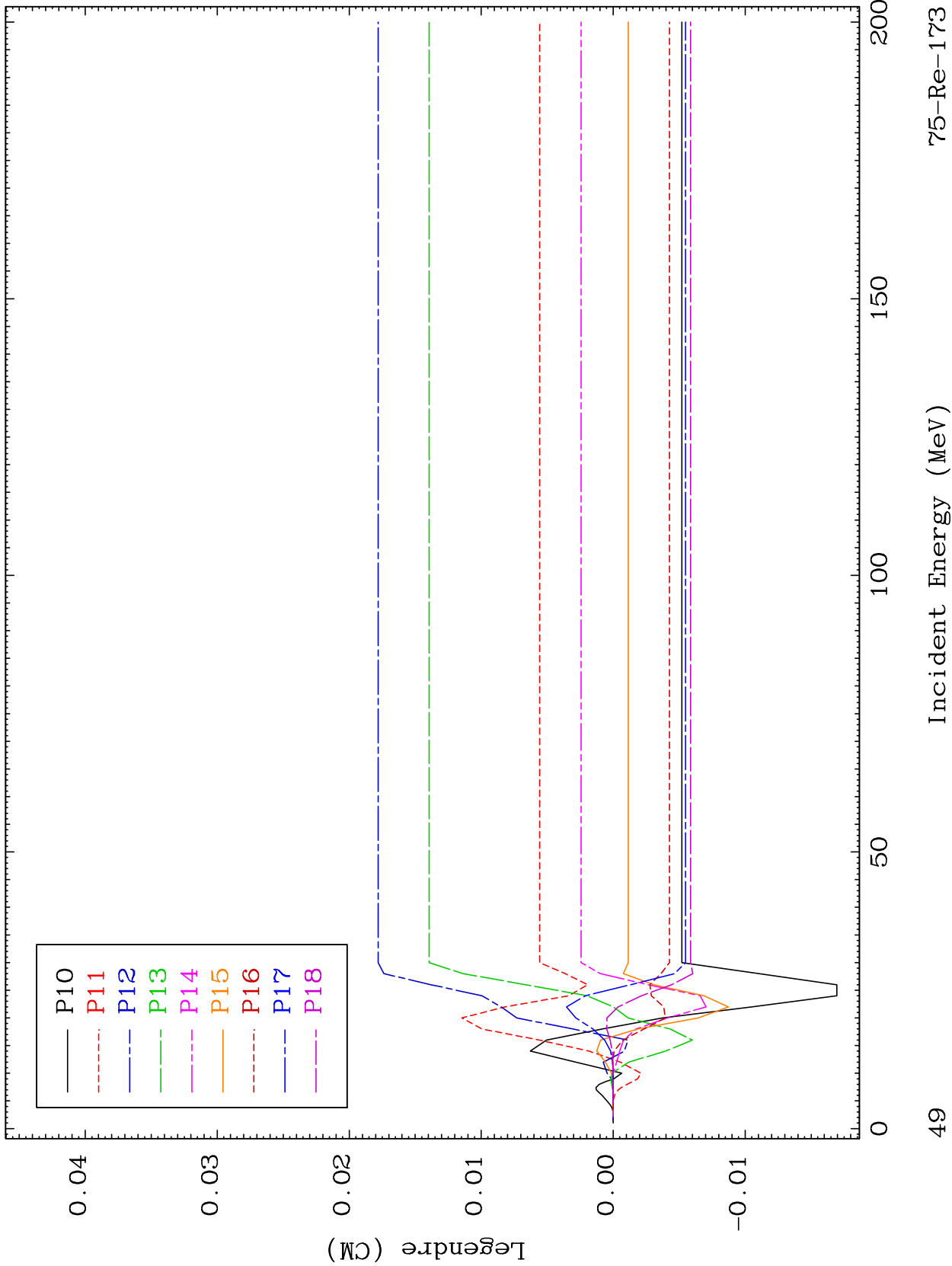




MAT 7489

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

75-Re-173



49

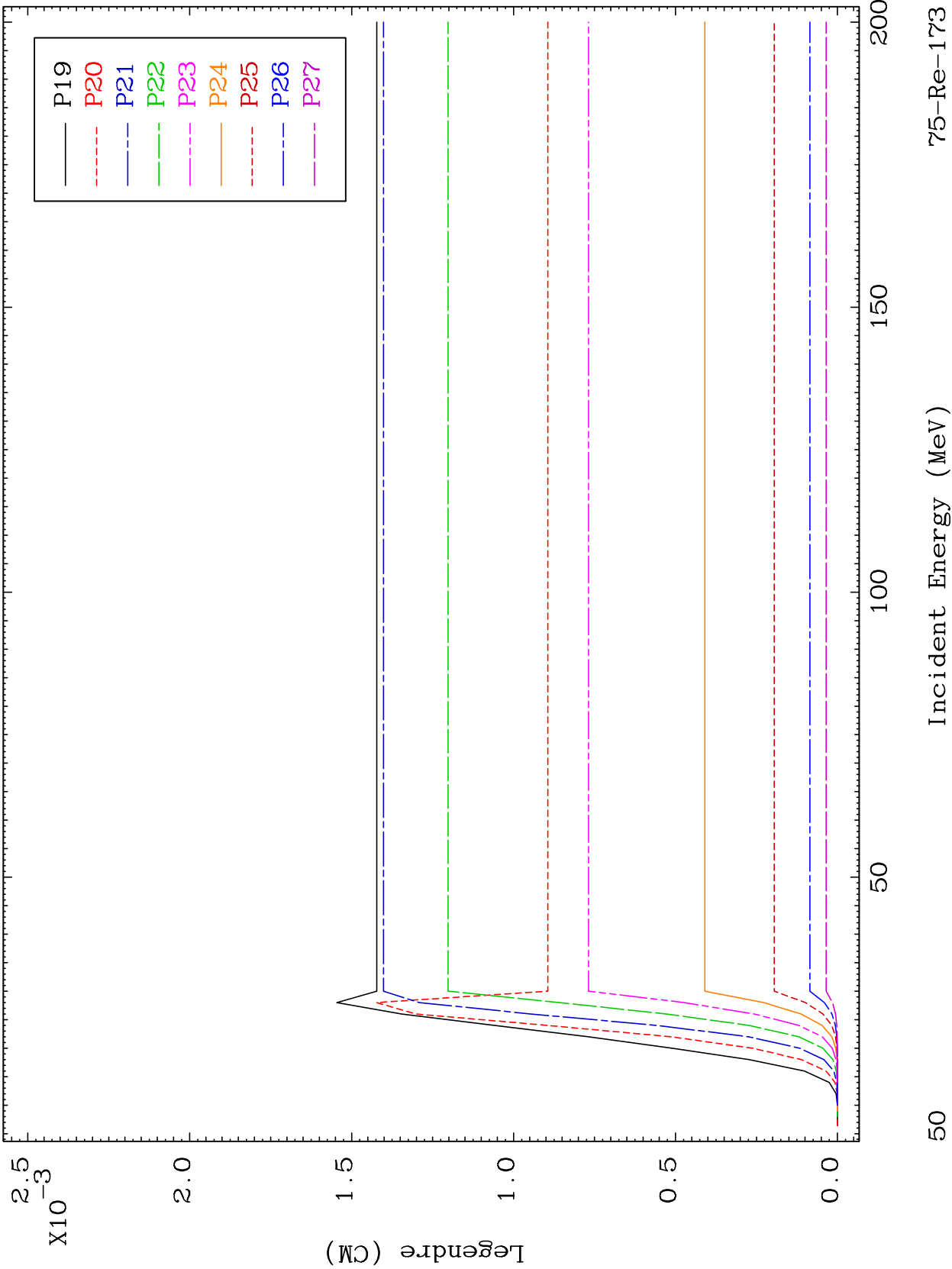
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



75-Re-173

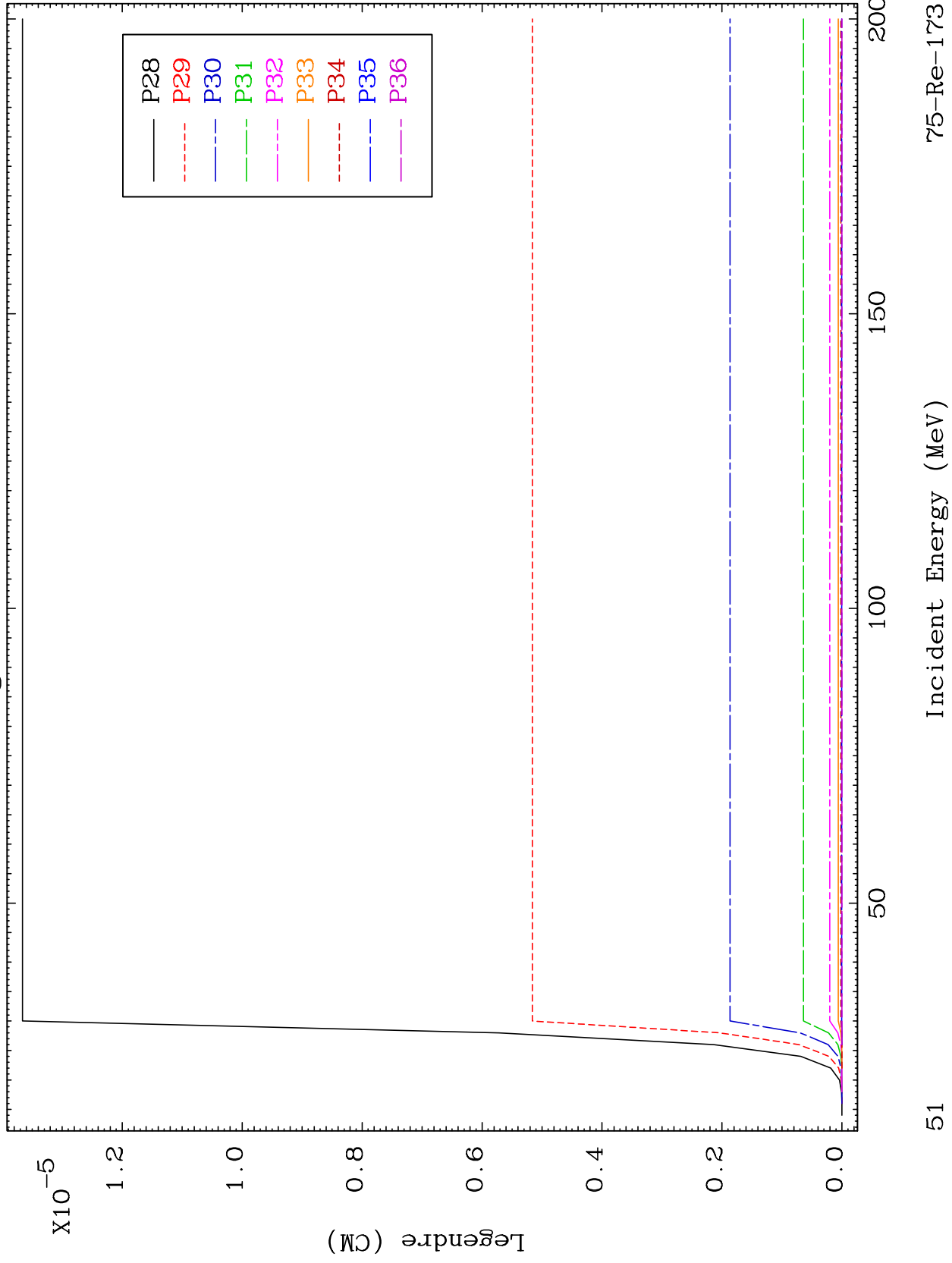
Incident Energy (MeV)

50

MAT 7489

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

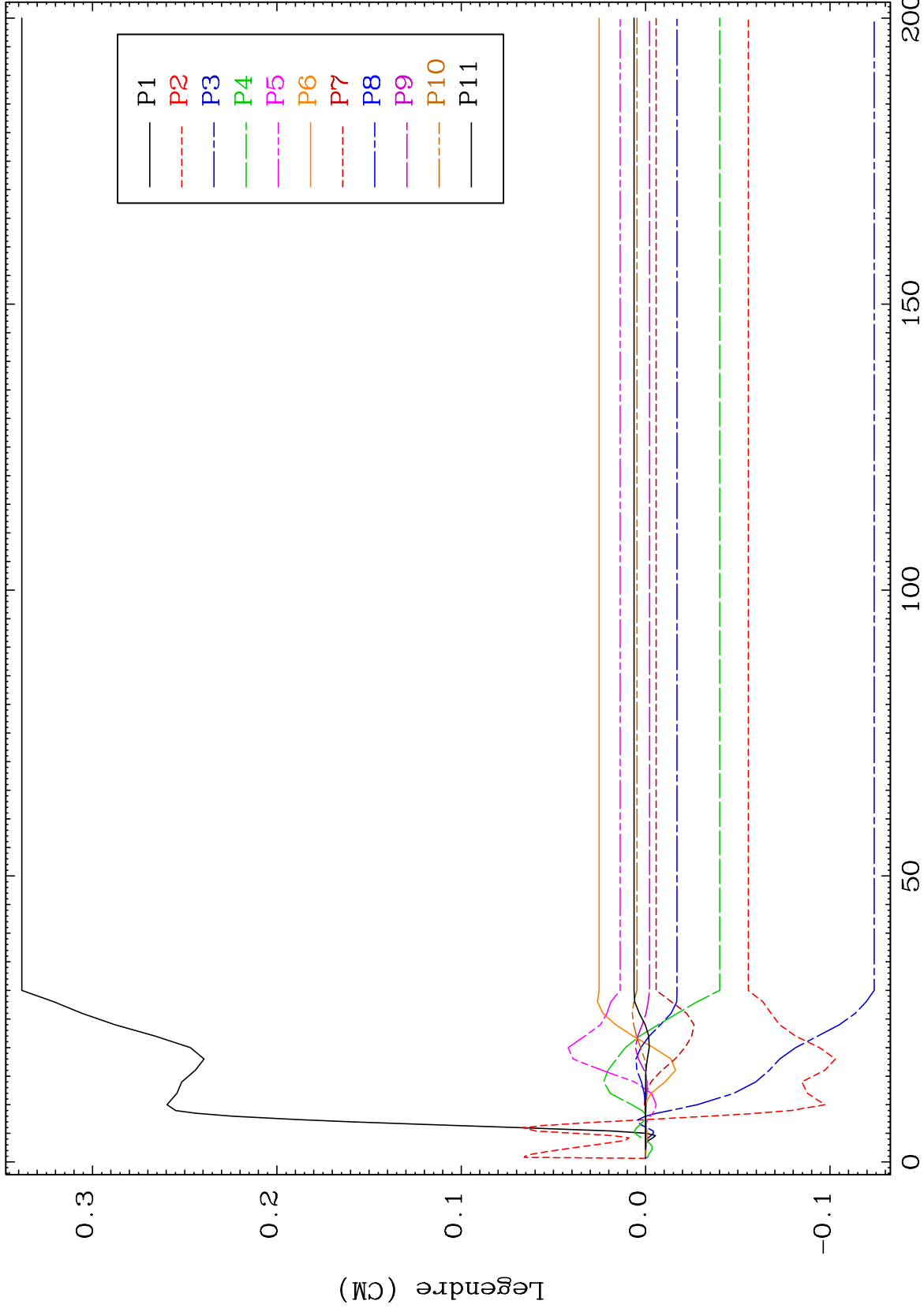
75-Re-173



MAT 7489

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

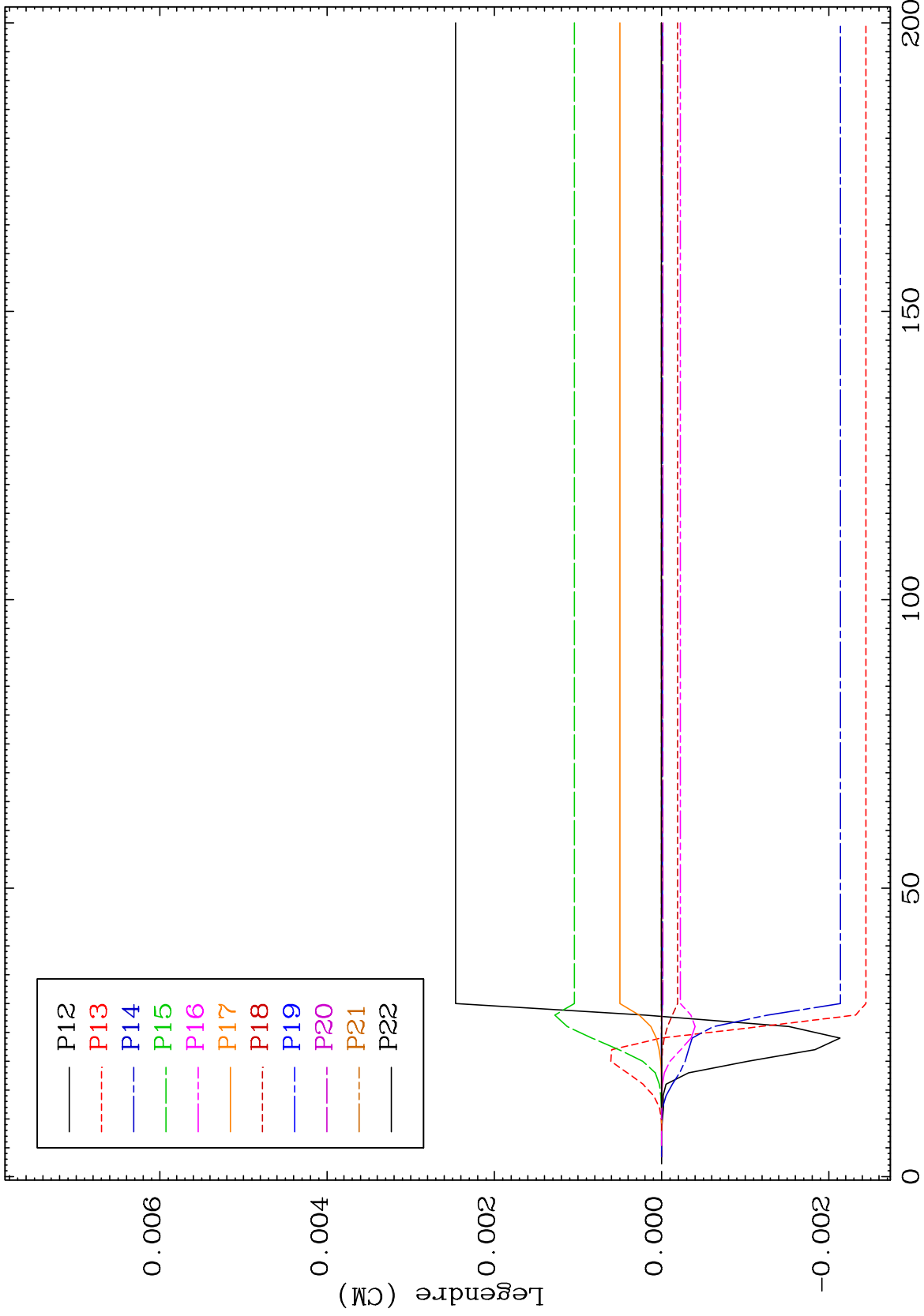
75-Re-173



52

Incident Energy (MeV)

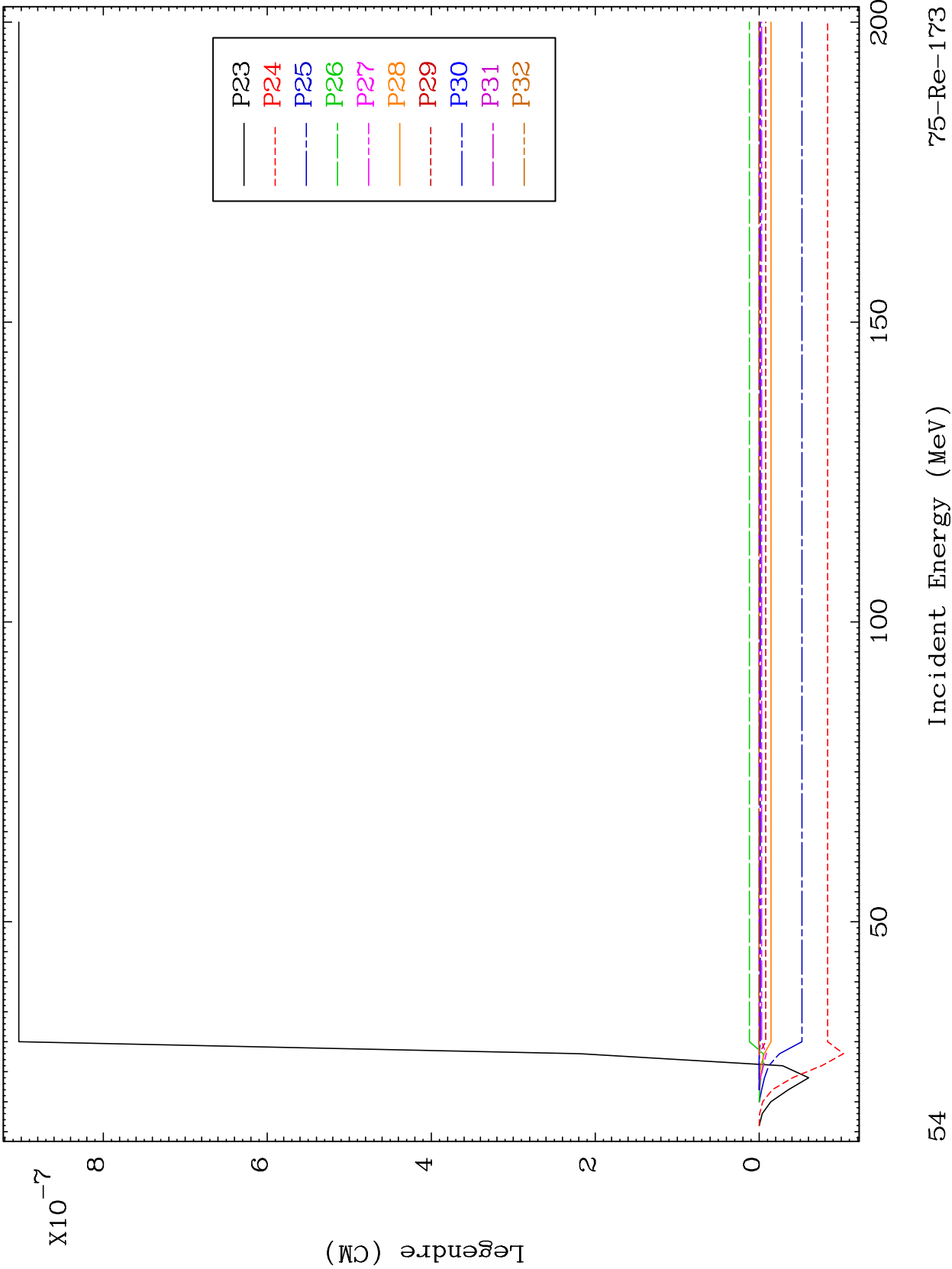
75-Re-173



MAT 7489

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

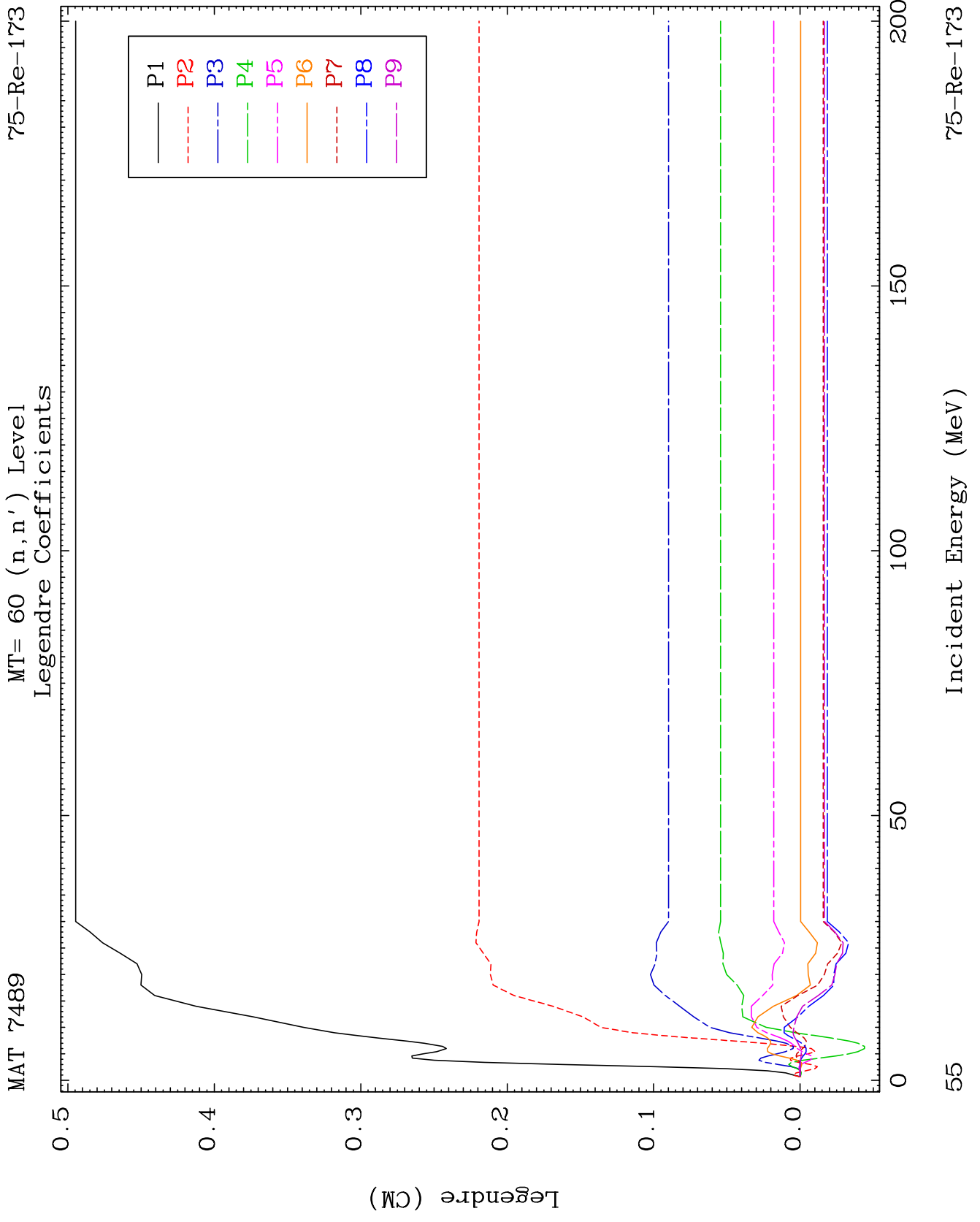
75-Re-173



54

Incident Energy (MeV)

75-Re-173

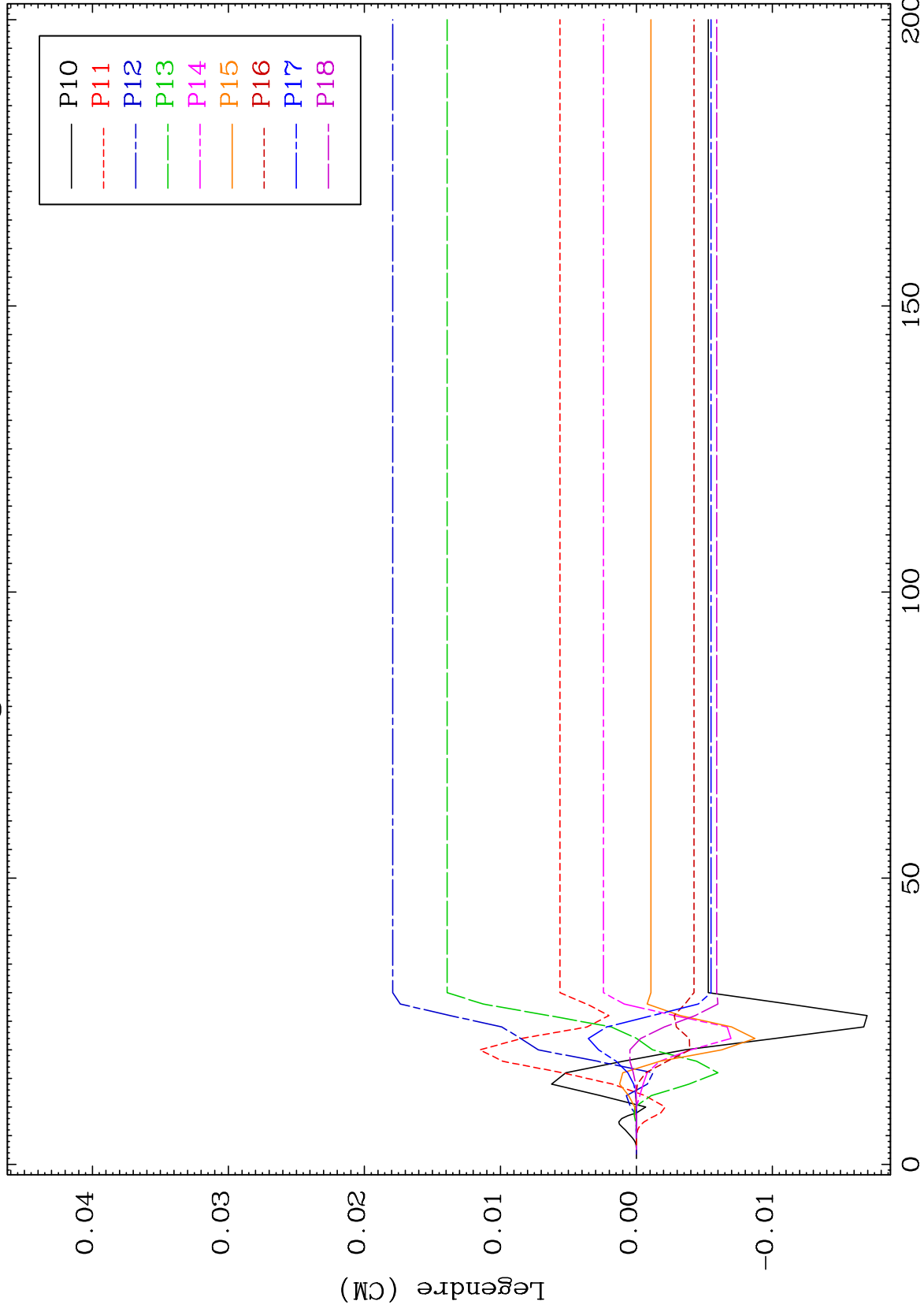




MAT 7489

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

75-Re-173



Incident Energy (MeV)

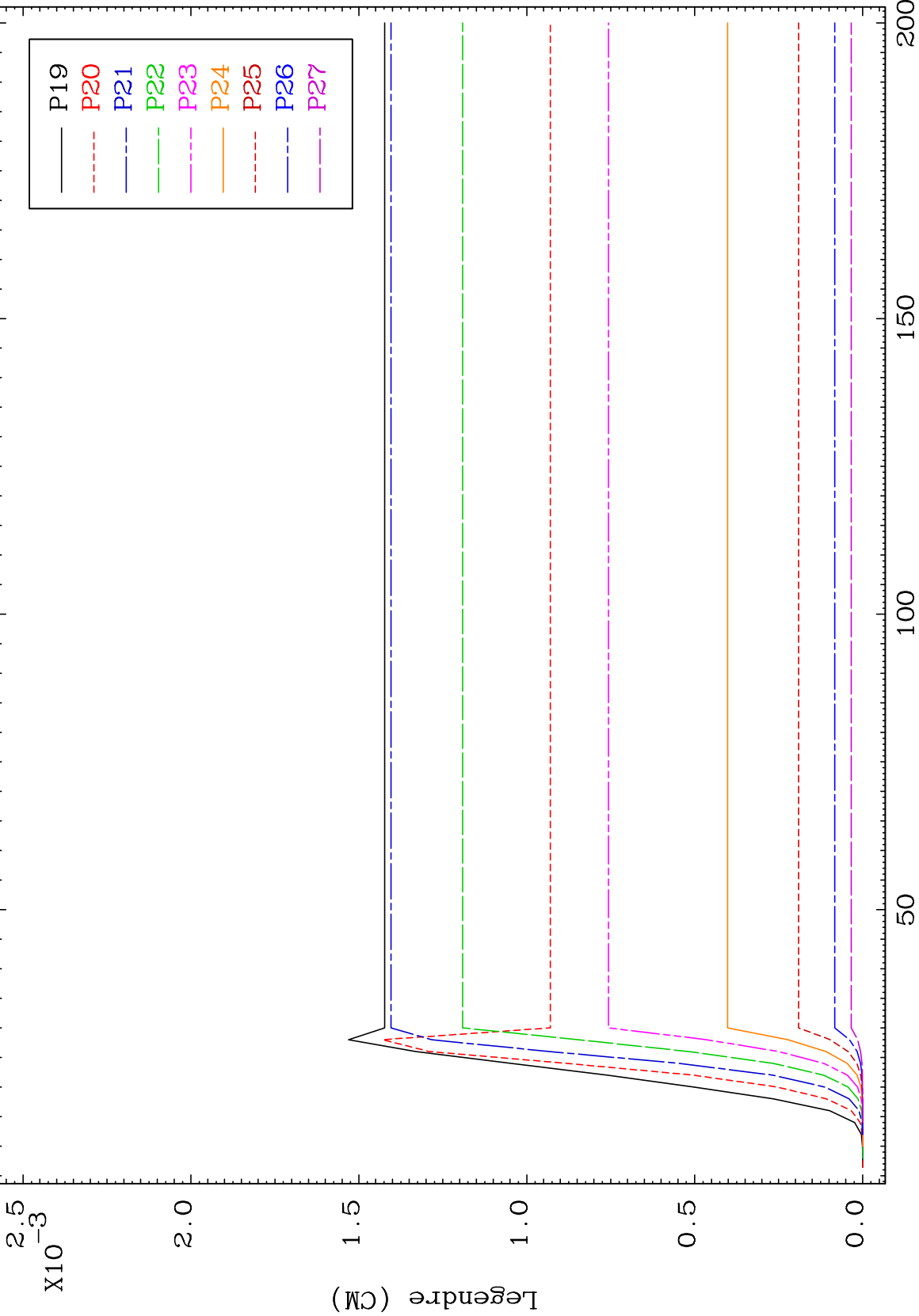
75-Re-173

56

MAT 7489

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

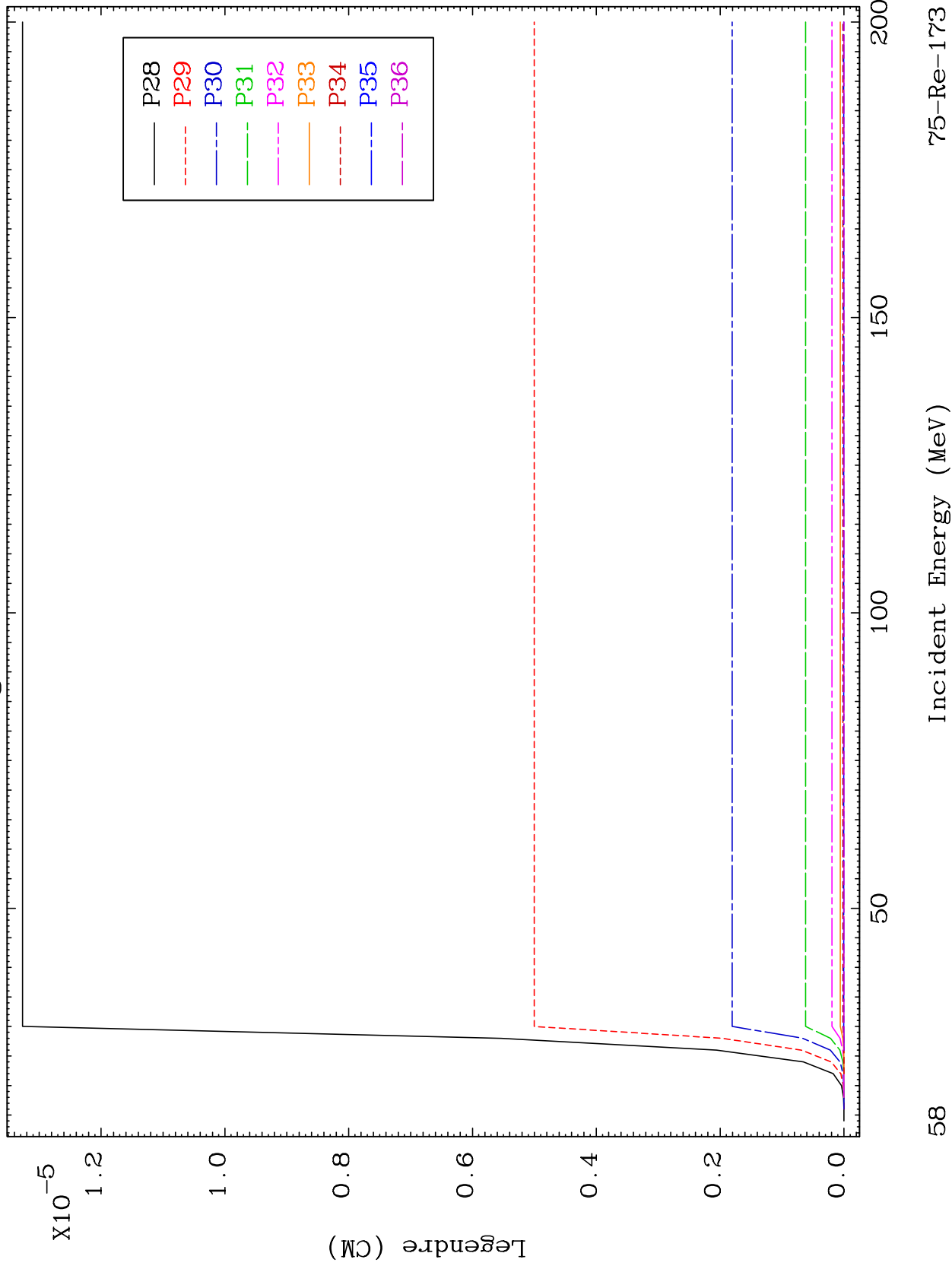
75-Re-173

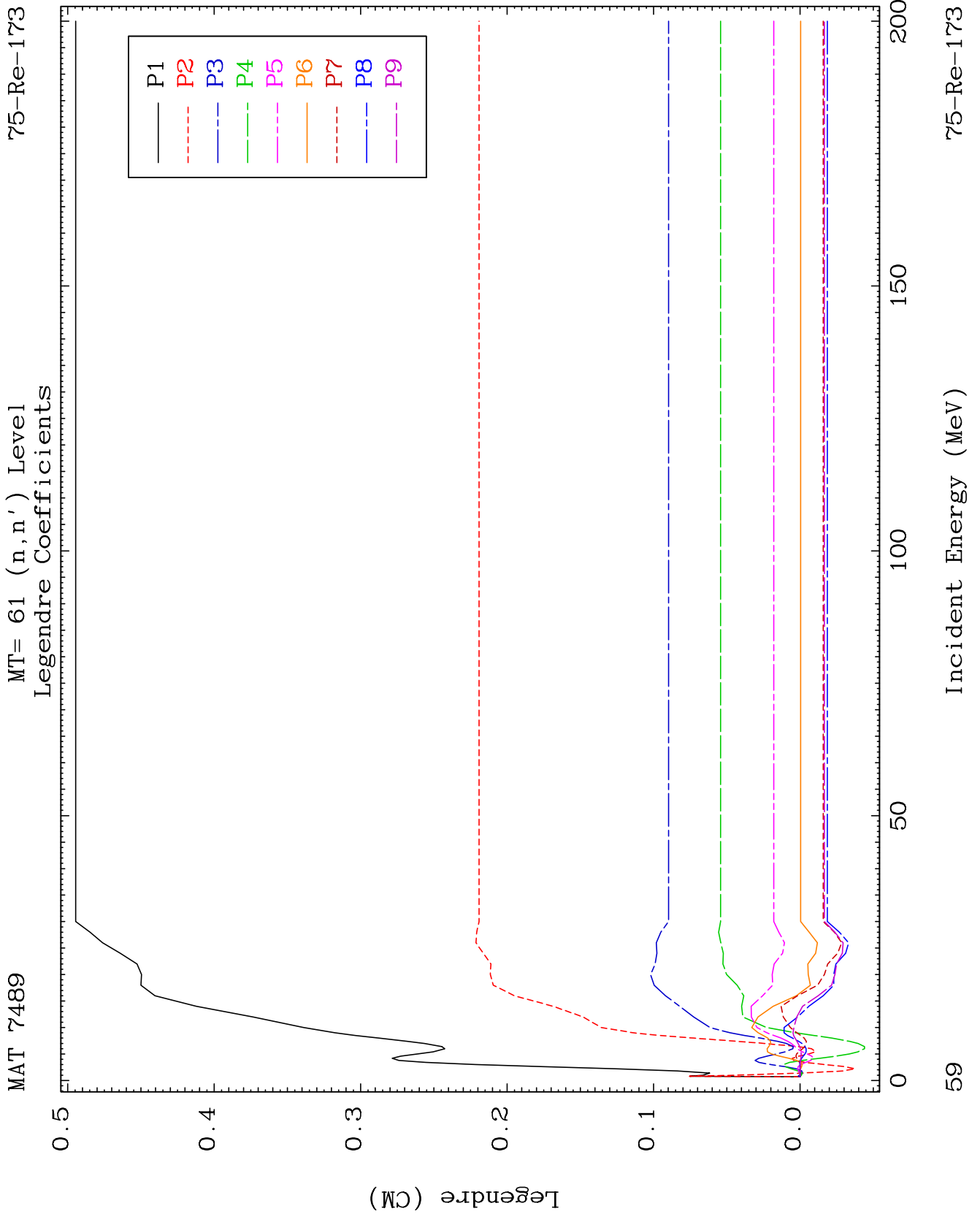


MAT 7489

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

75-Re-173

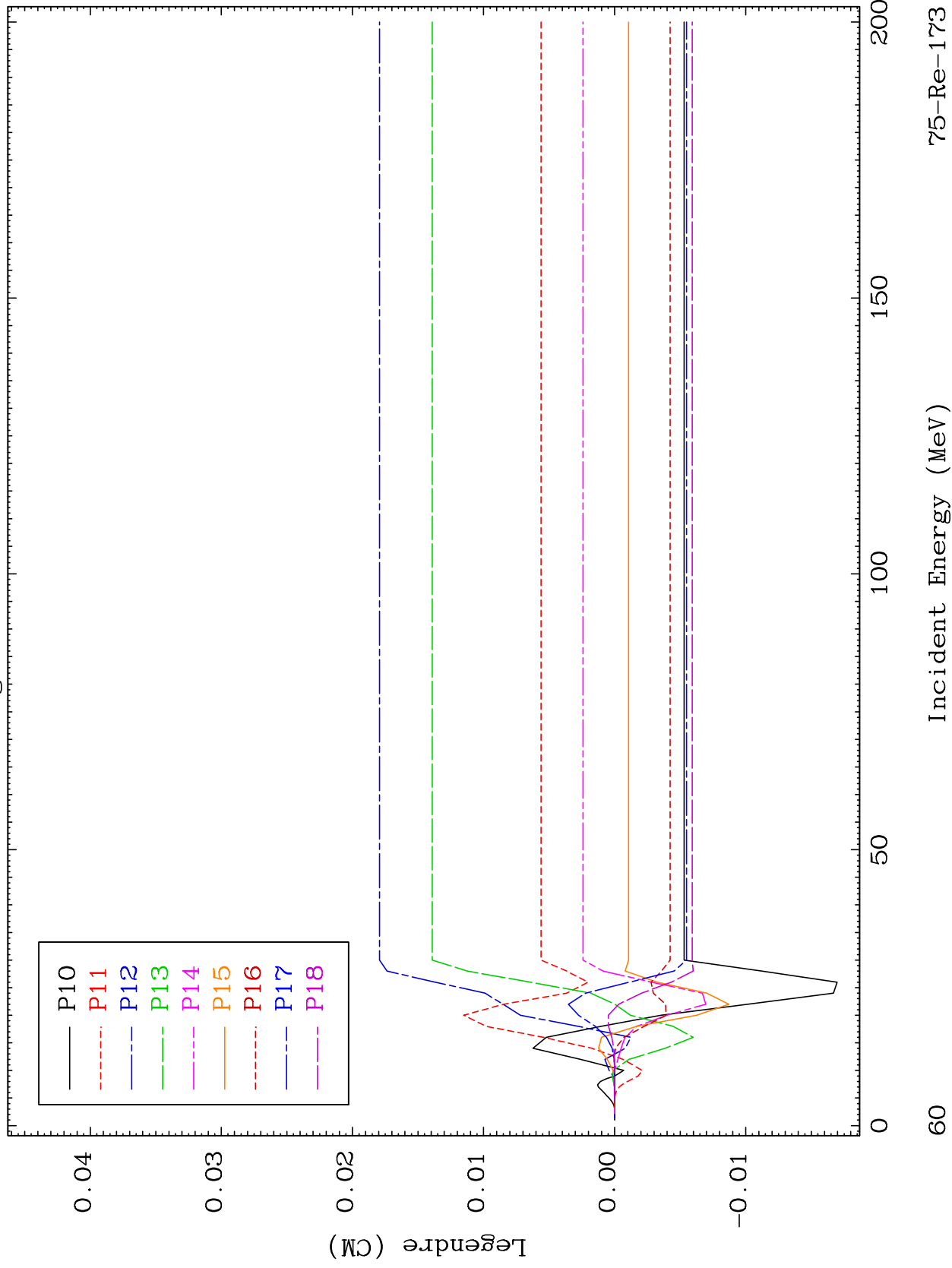




MAT 7489

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

75-Re-173



75-Re-173

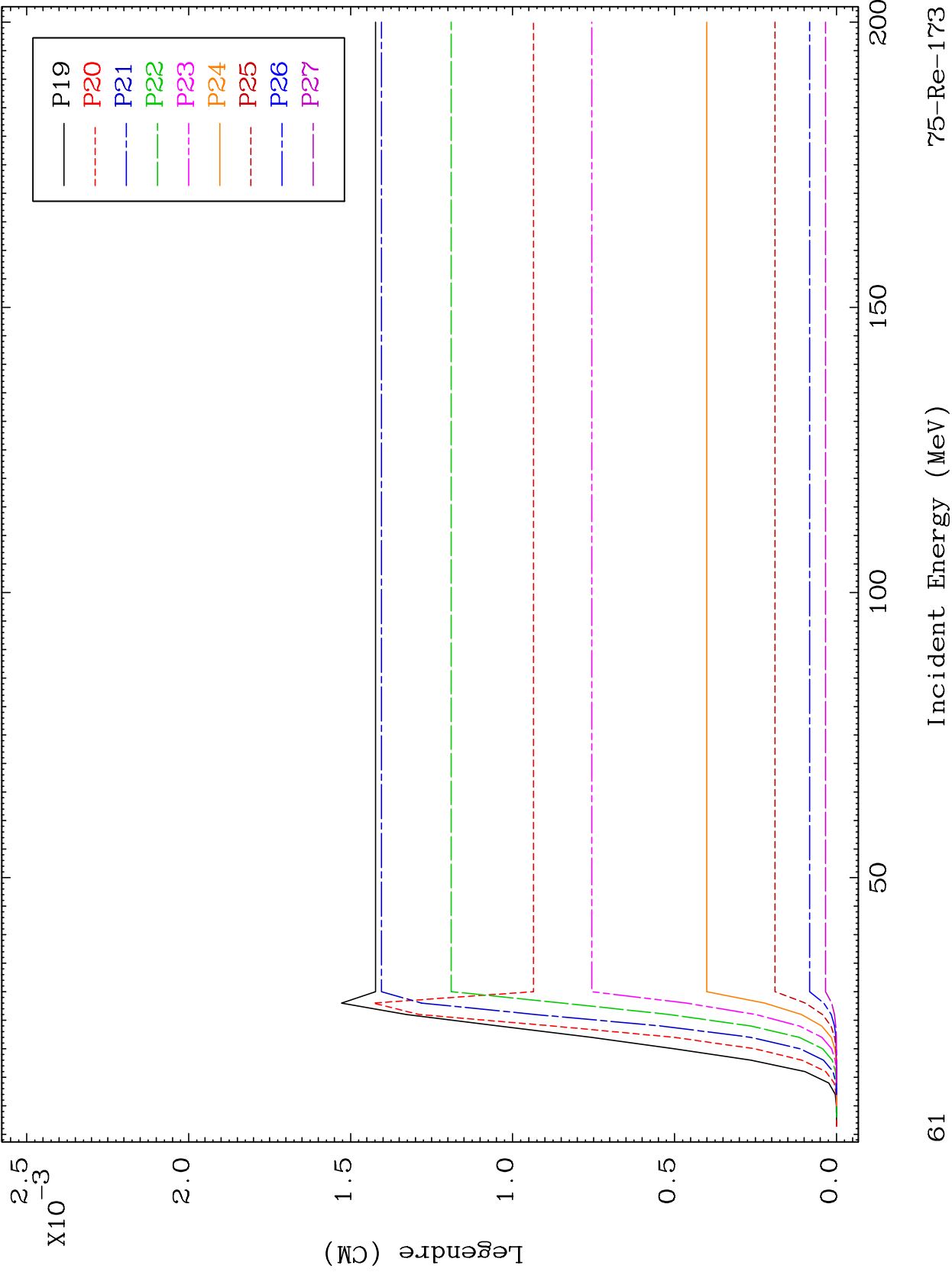
Incident Energy (MeV)

60

MAT 7489

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

75-Re-173



61

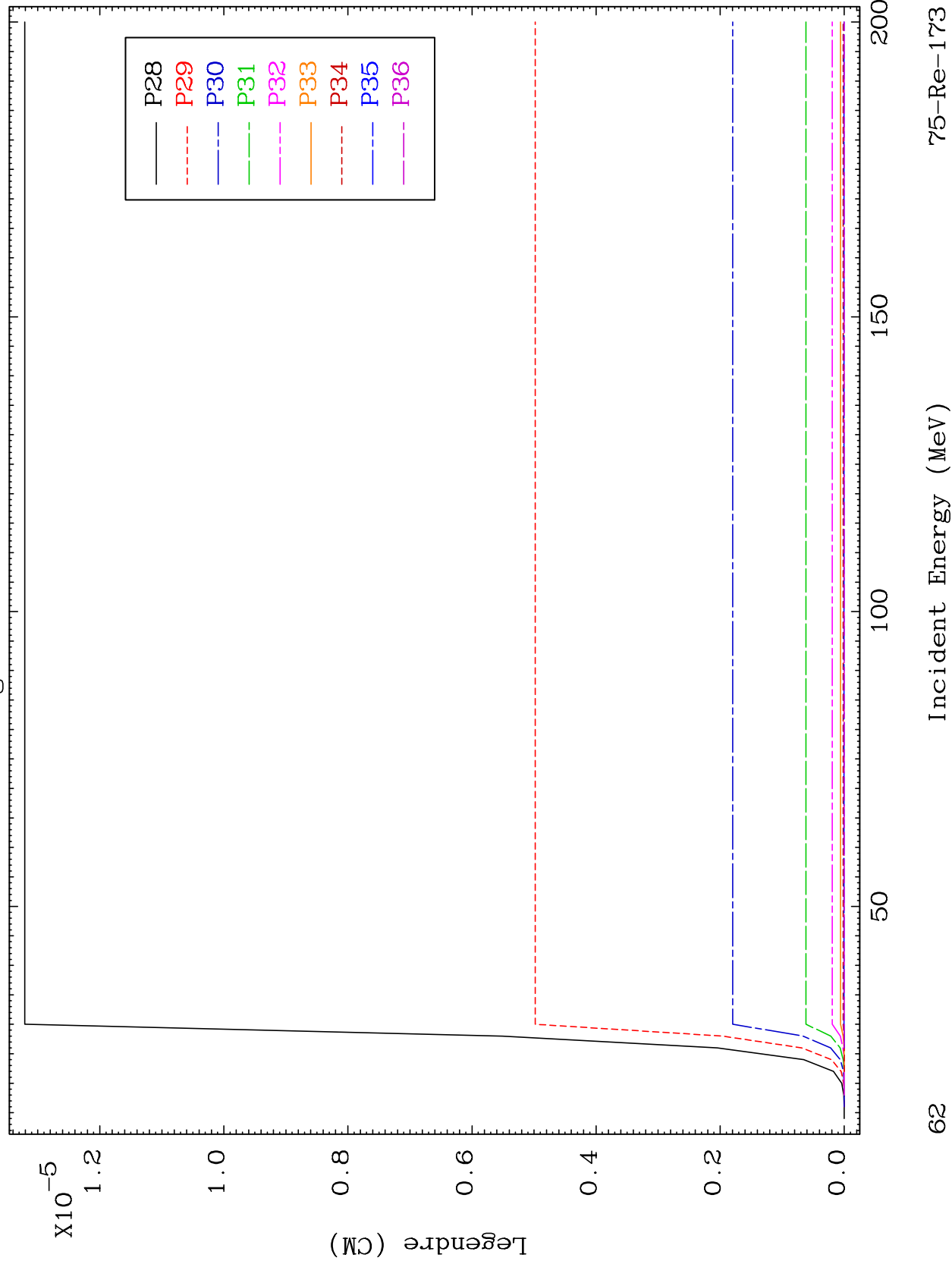
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



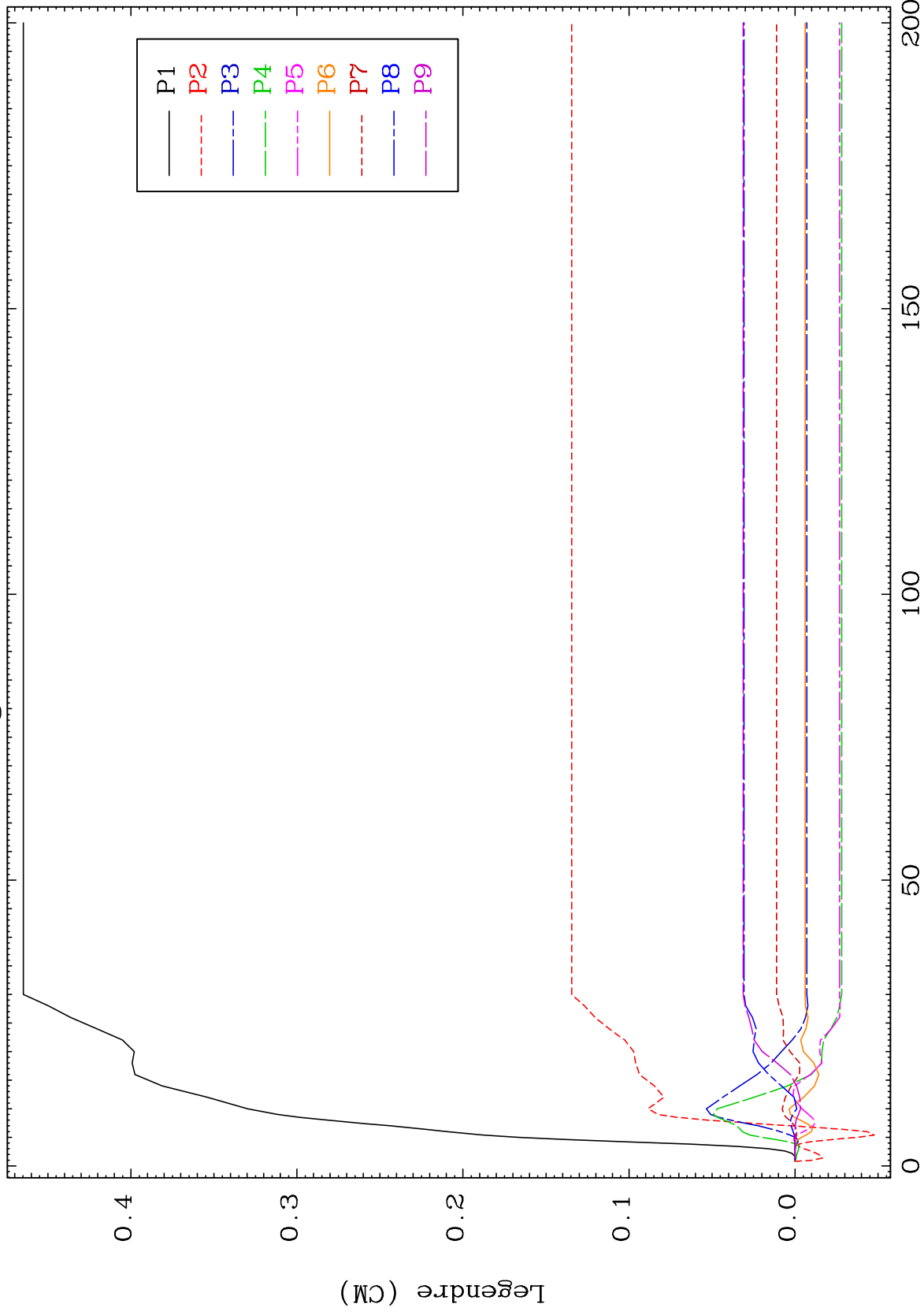
62

75-Re-173

MAT 7489

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

75-Re-173



63

Incident Energy (MeV)

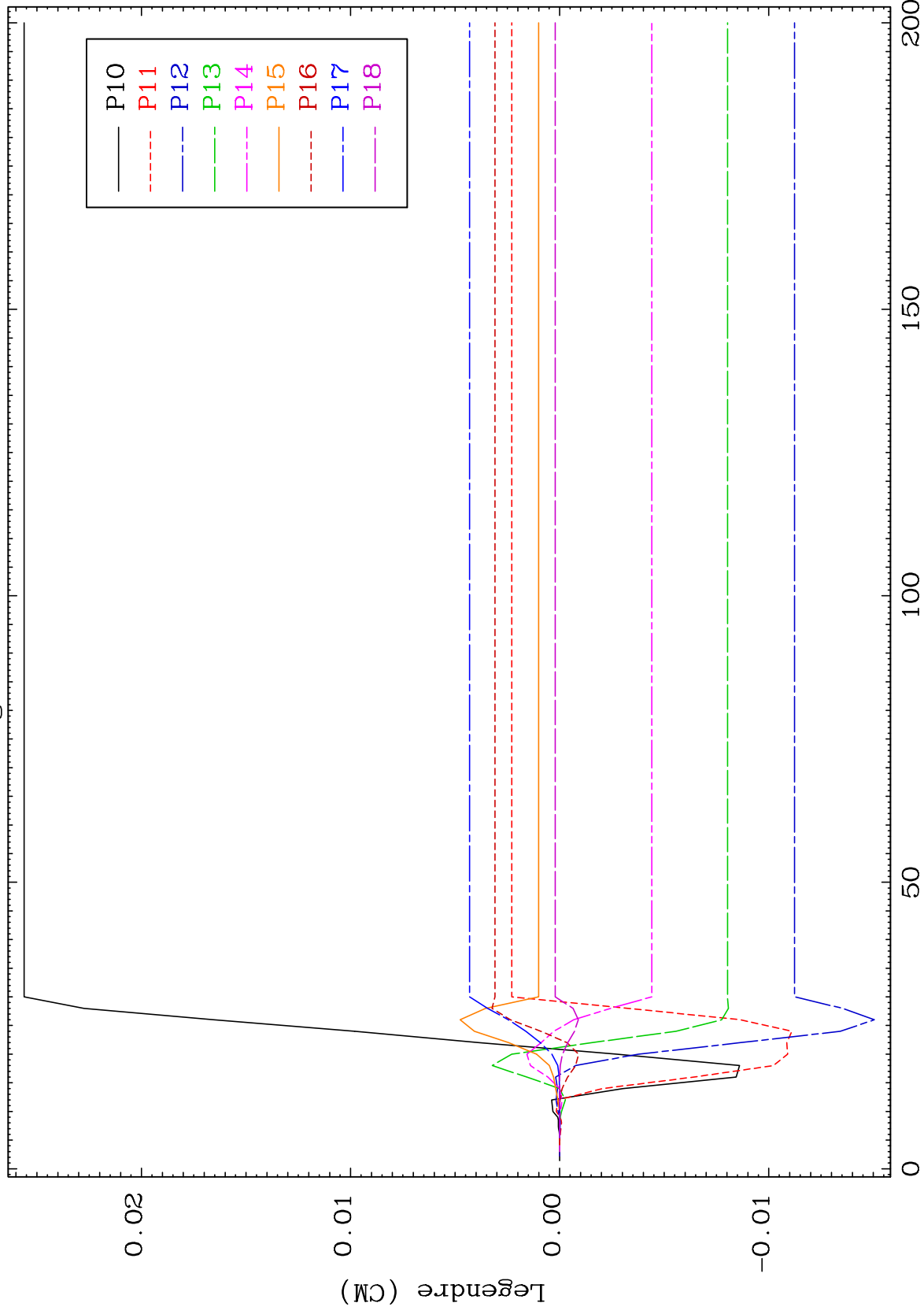
75-Re-173



MAT 7489

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

75-Re-173



64

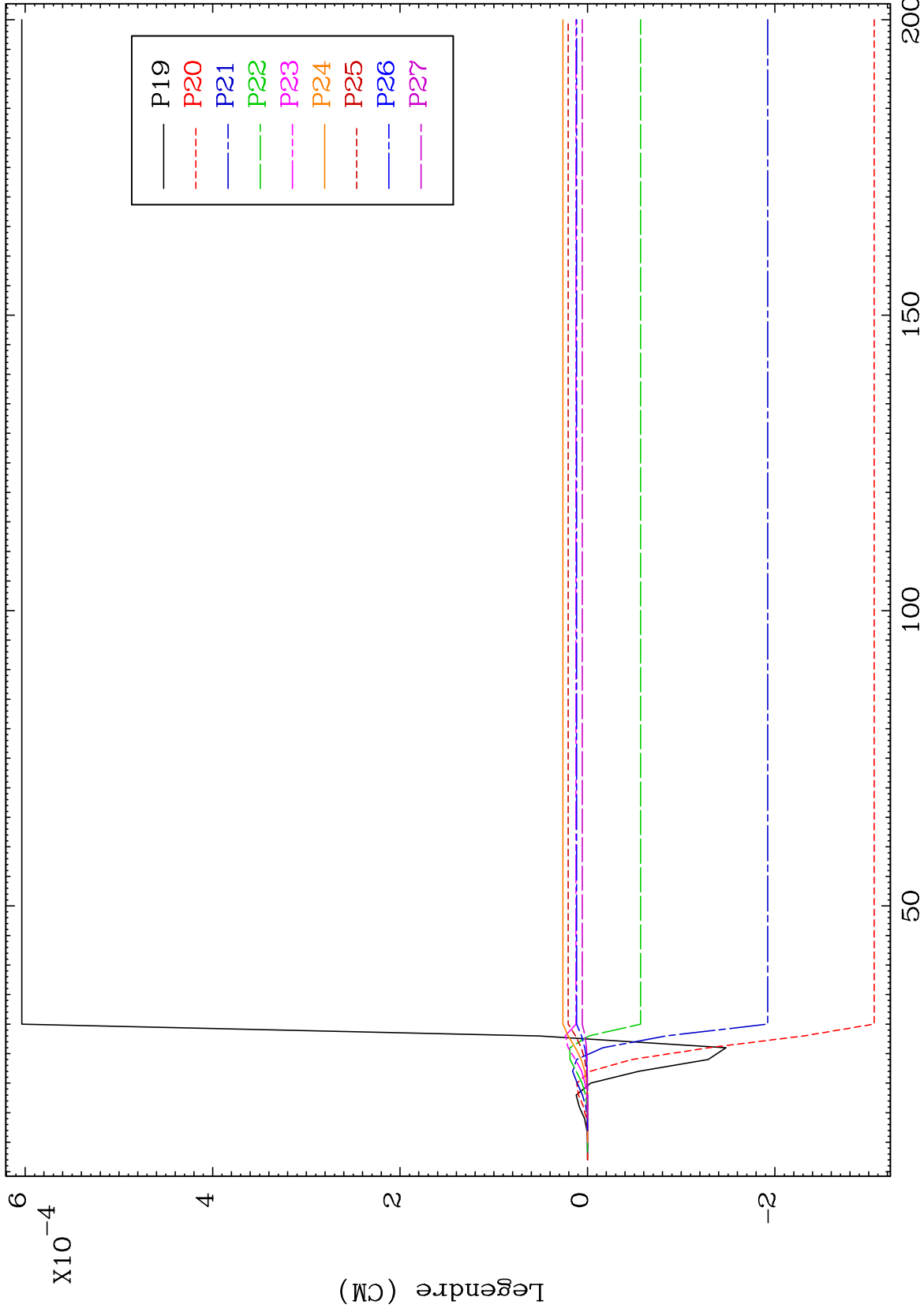
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



65

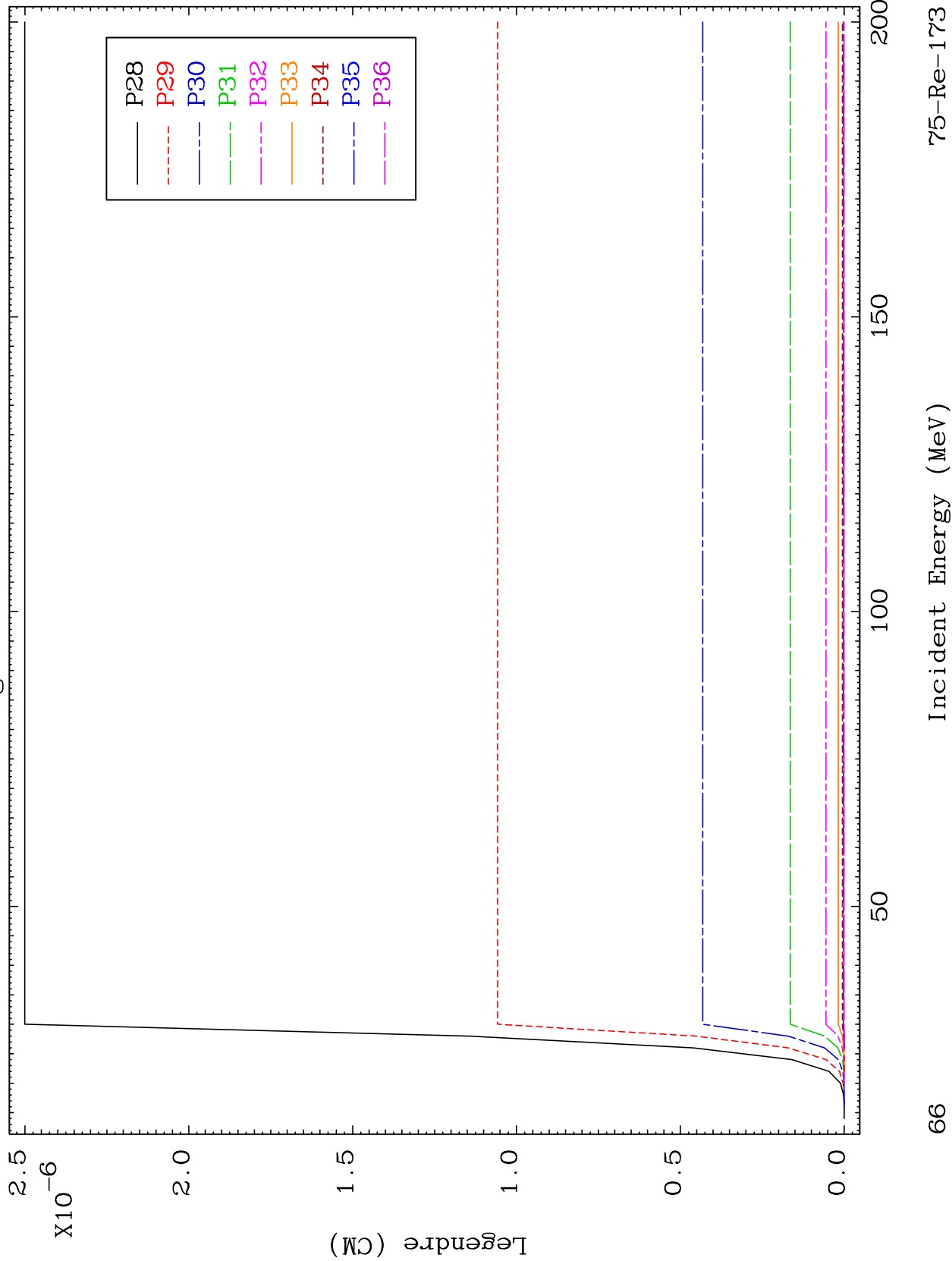
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



66

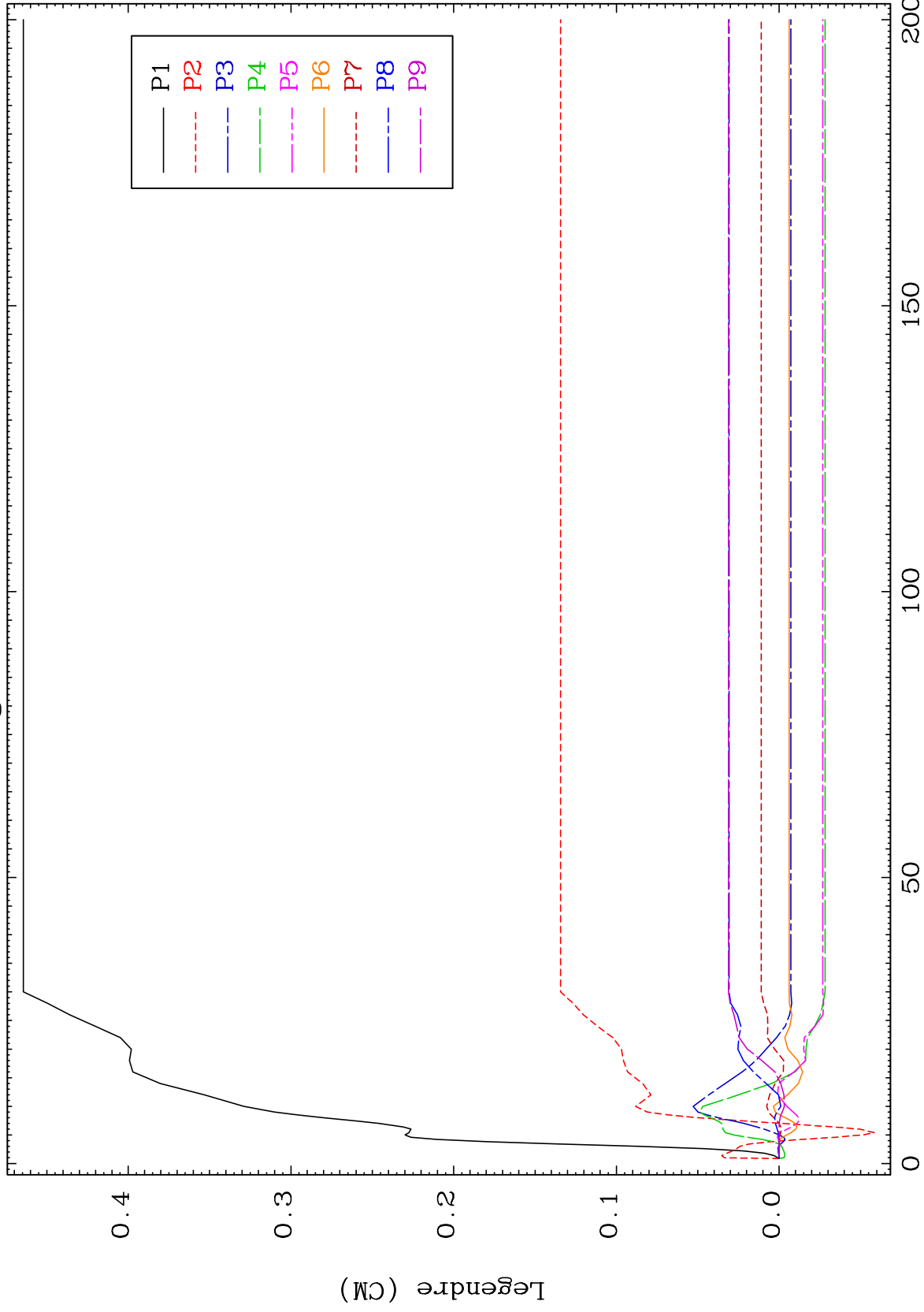
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



Incident Energy (MeV)

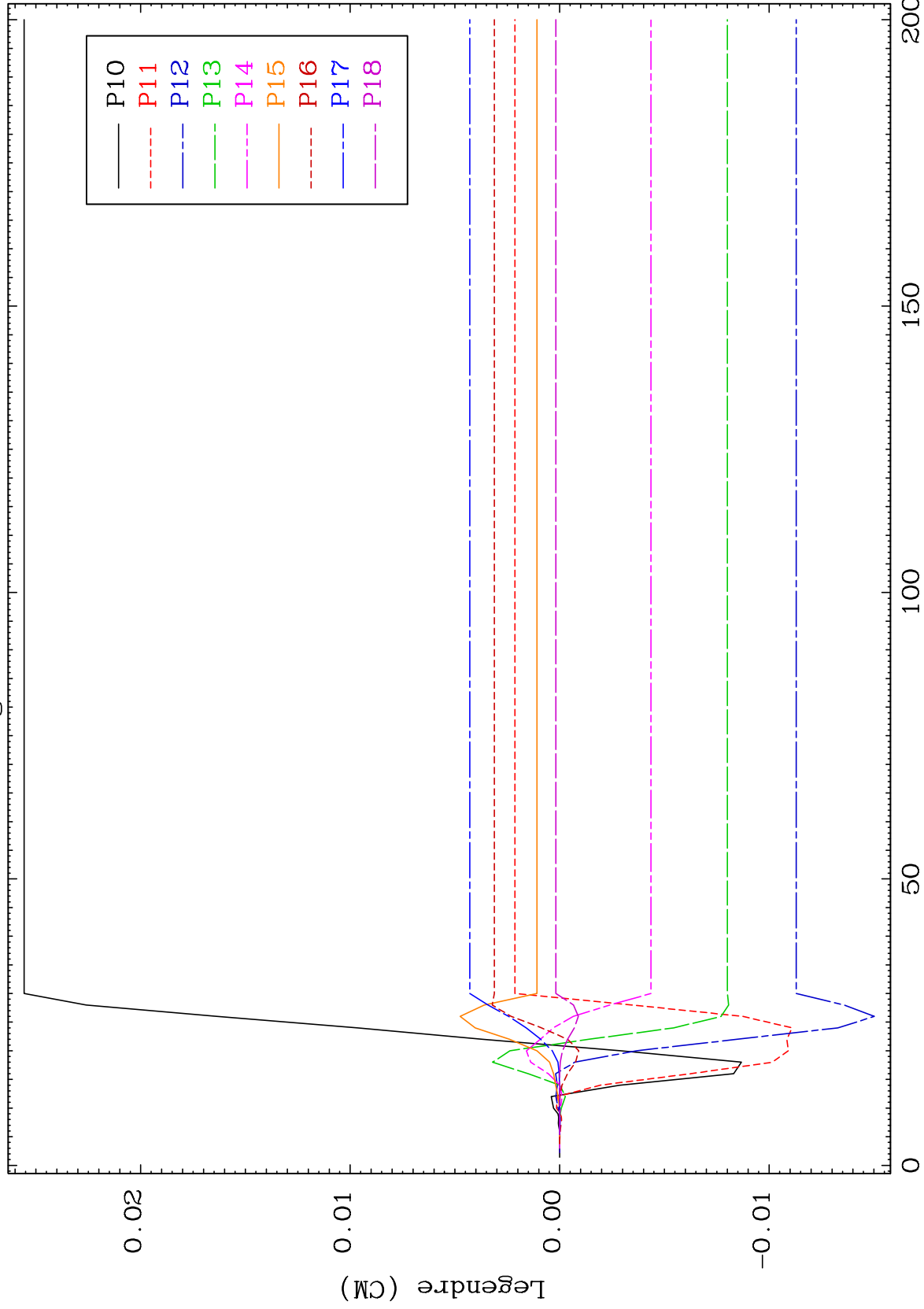
75-Re-173

67

MAT 7489

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

75-Re-173



68

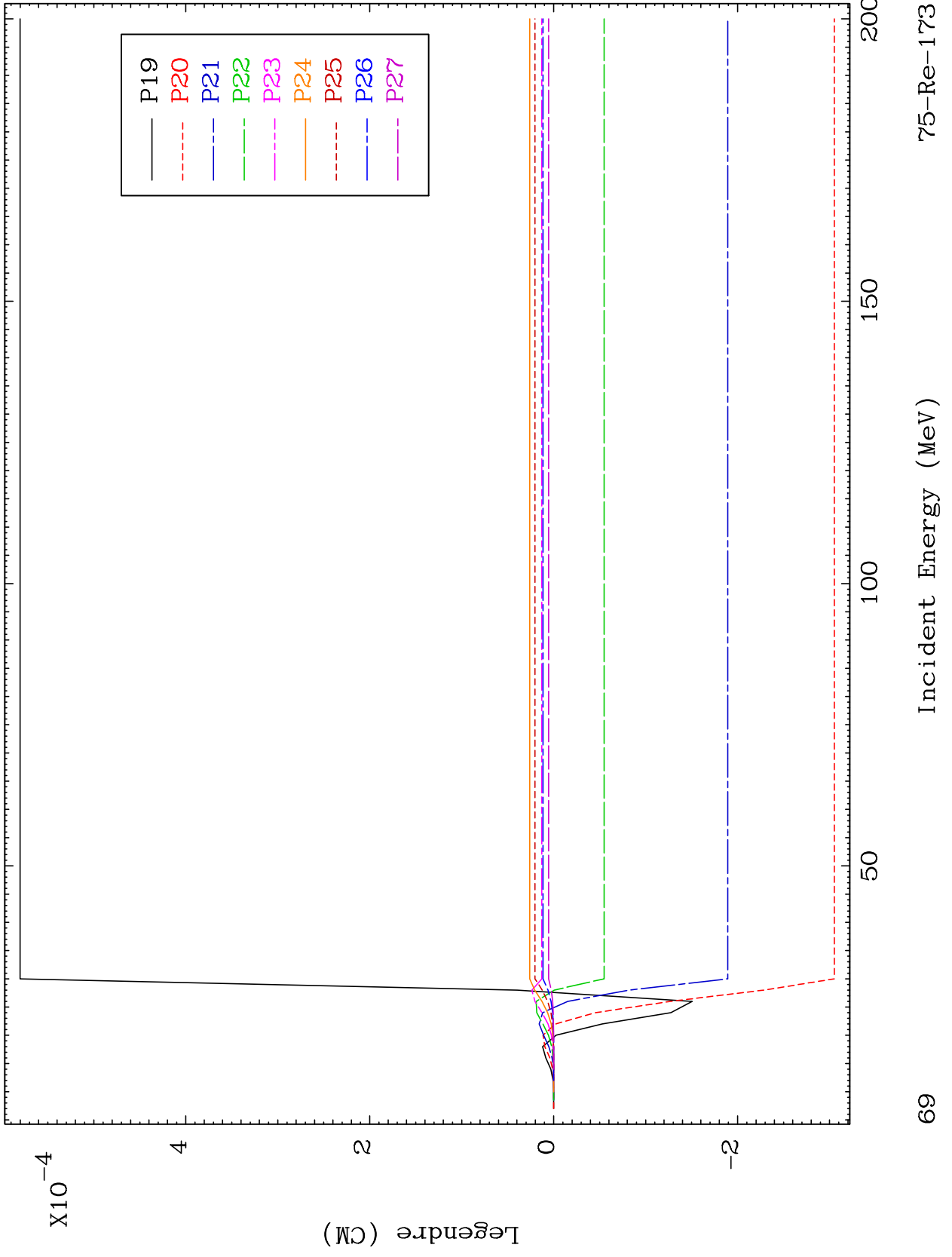
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173

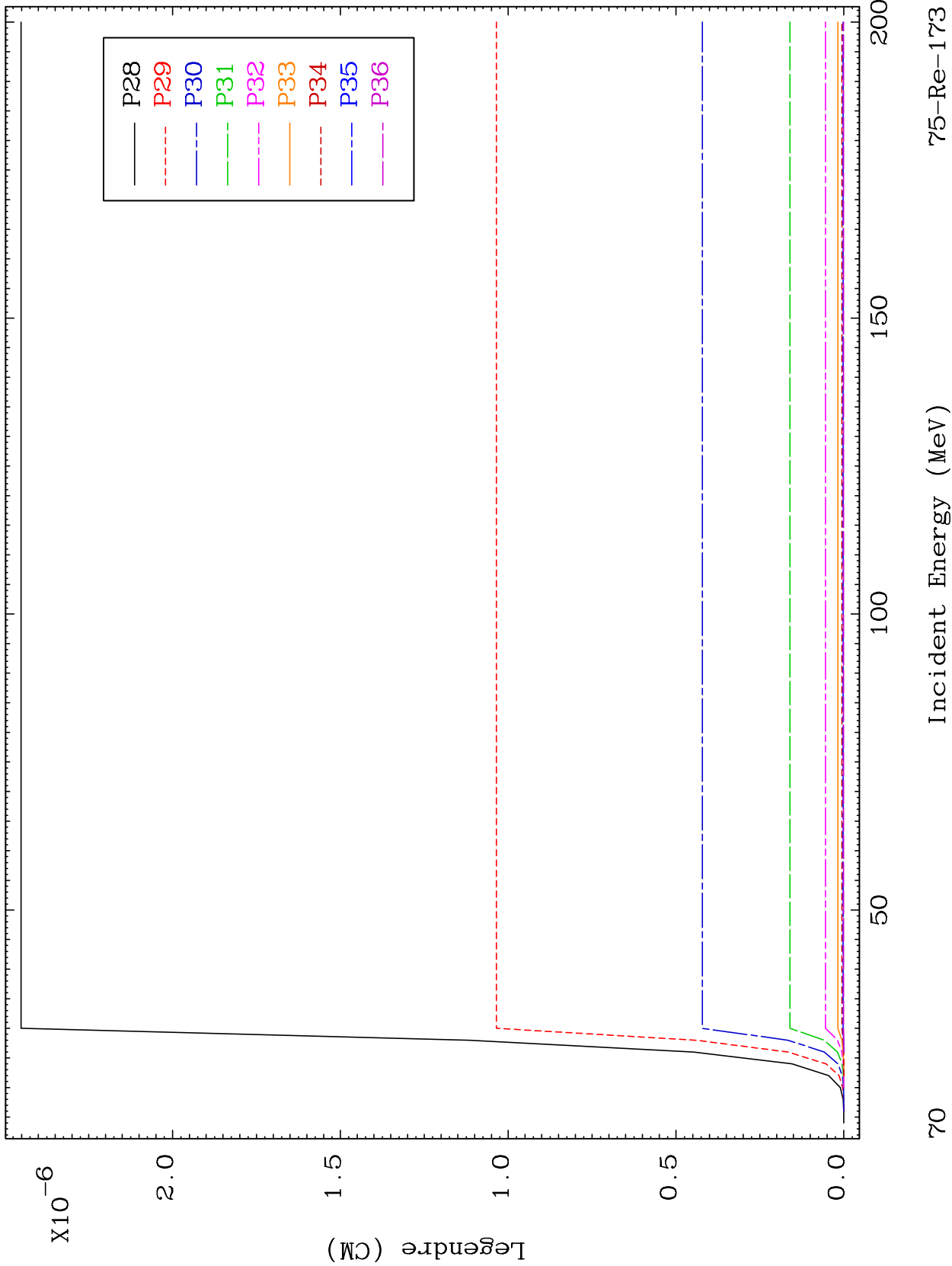


69

MAT 7489

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

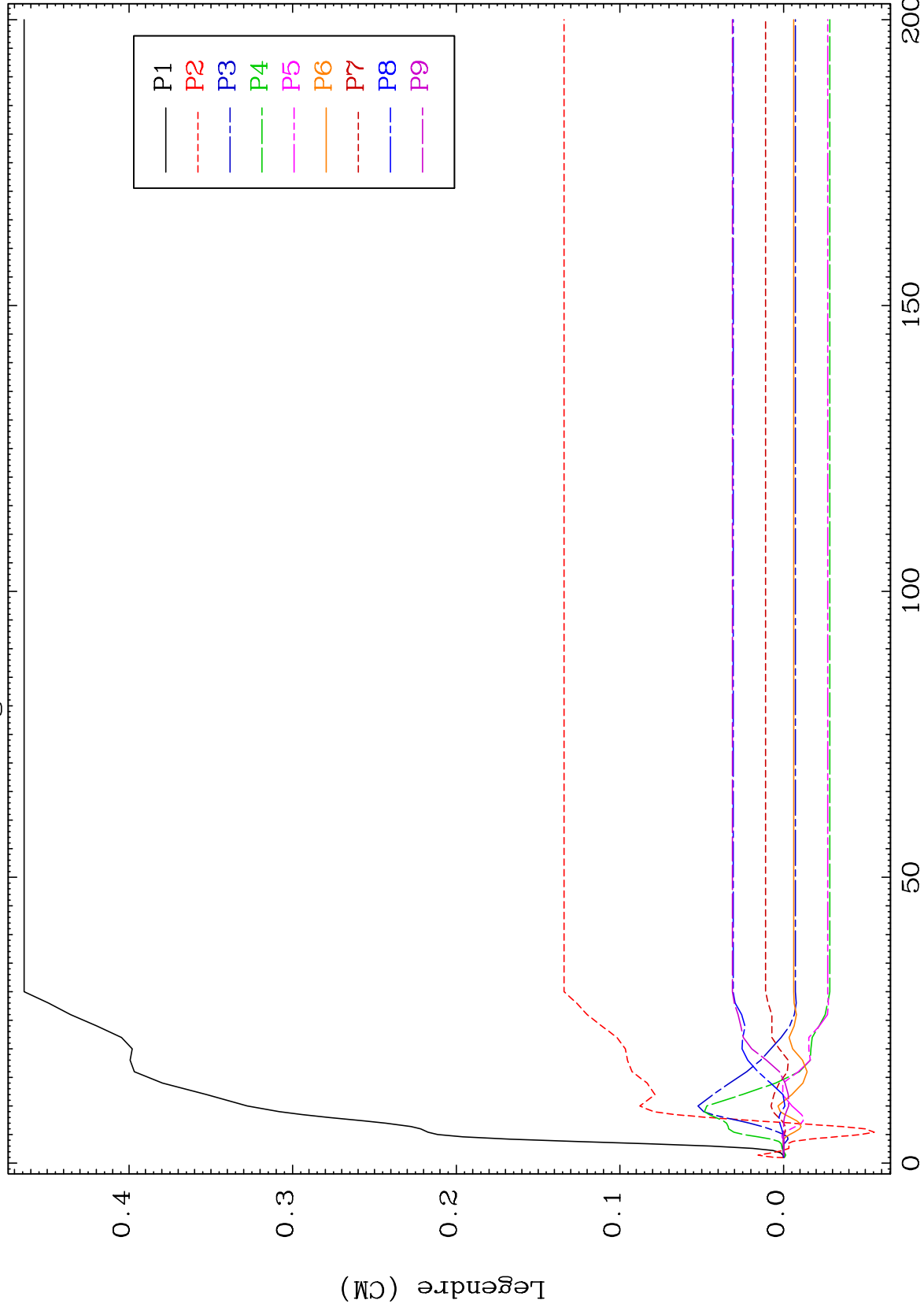
75-Re-173



MAT 7489

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

75-Re-173



71

Incident Energy (MeV)

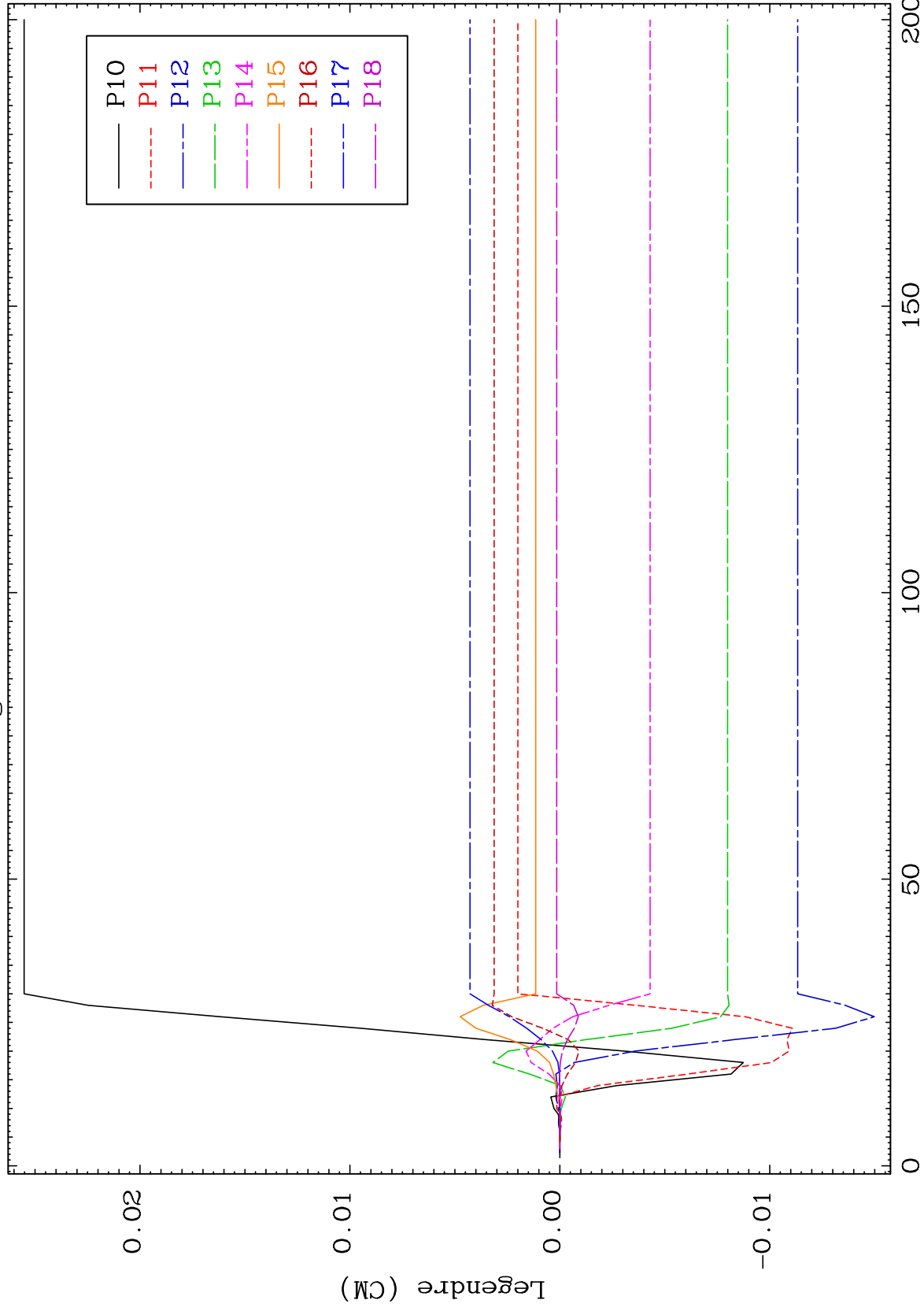
75-Re-173



MAT 7489

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

75-Re-173



72

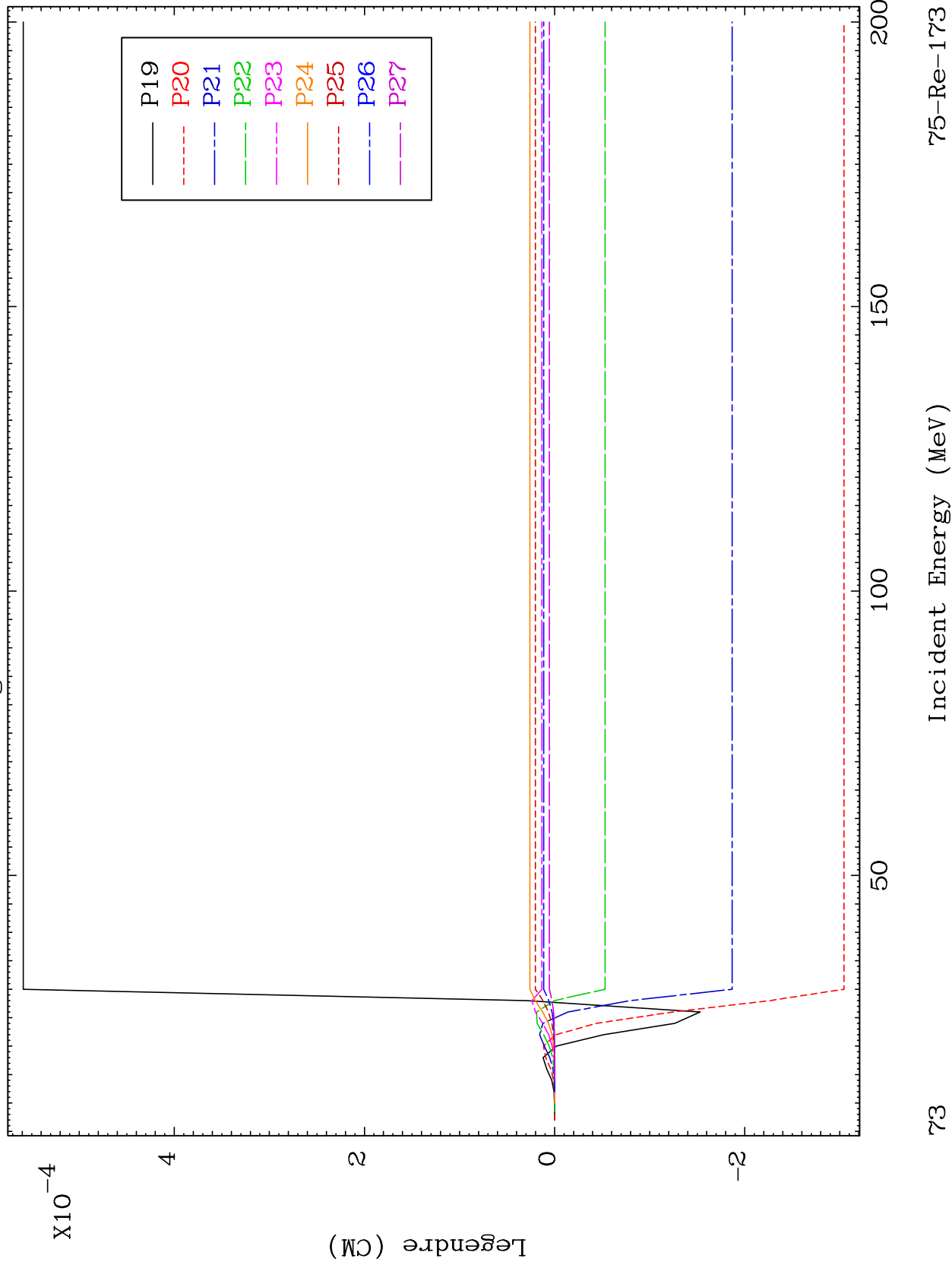
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



73

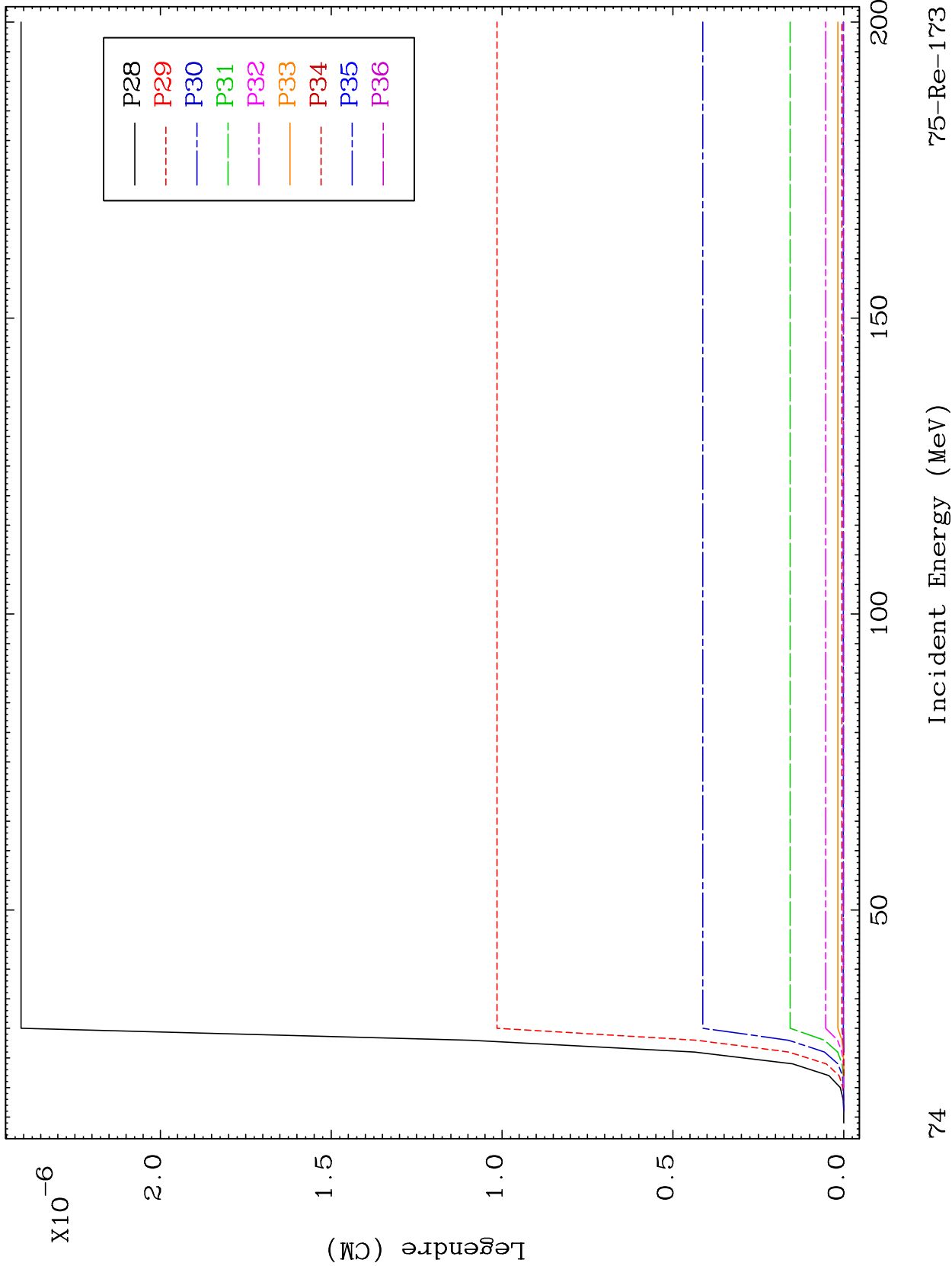
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



74

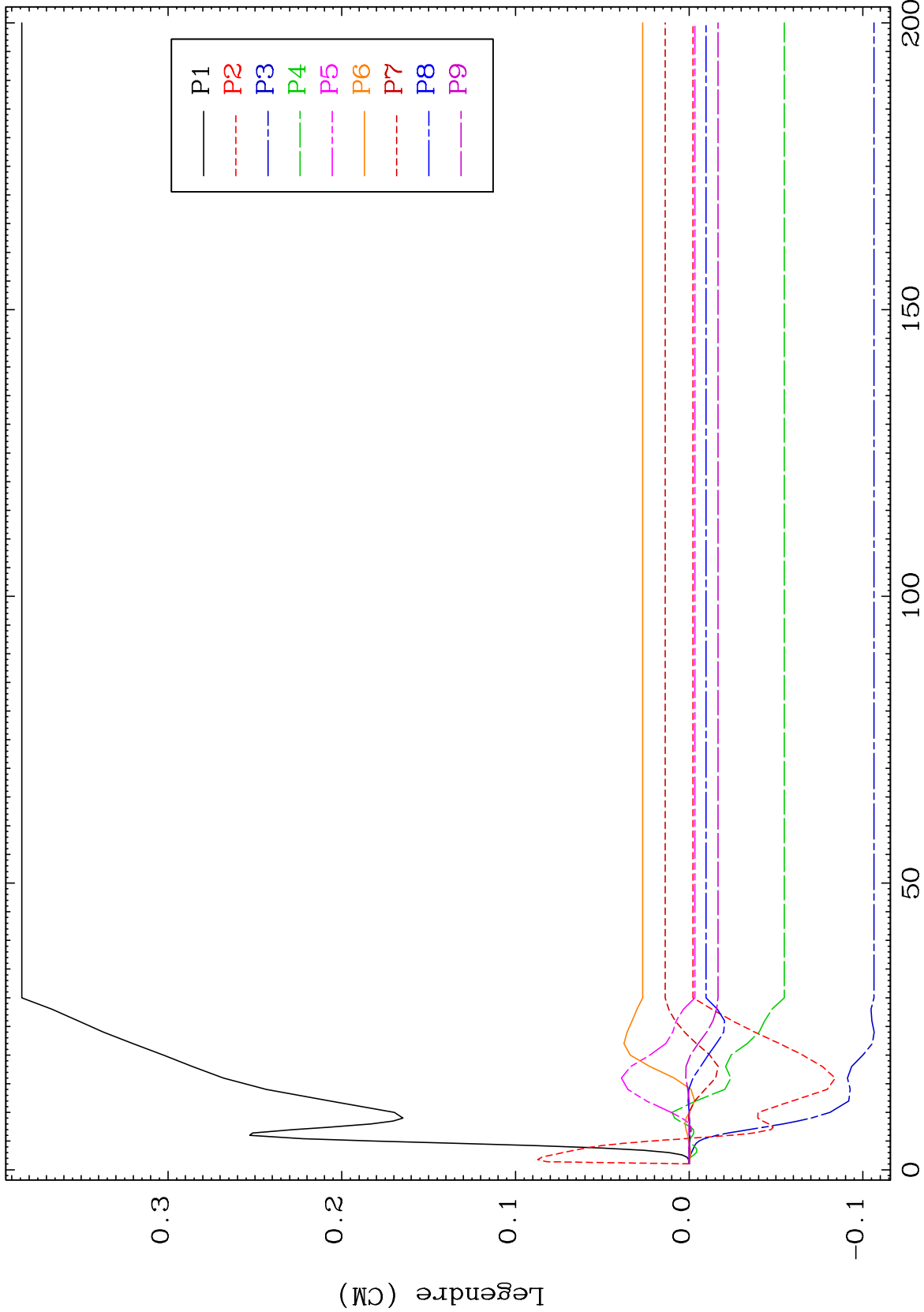
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



75

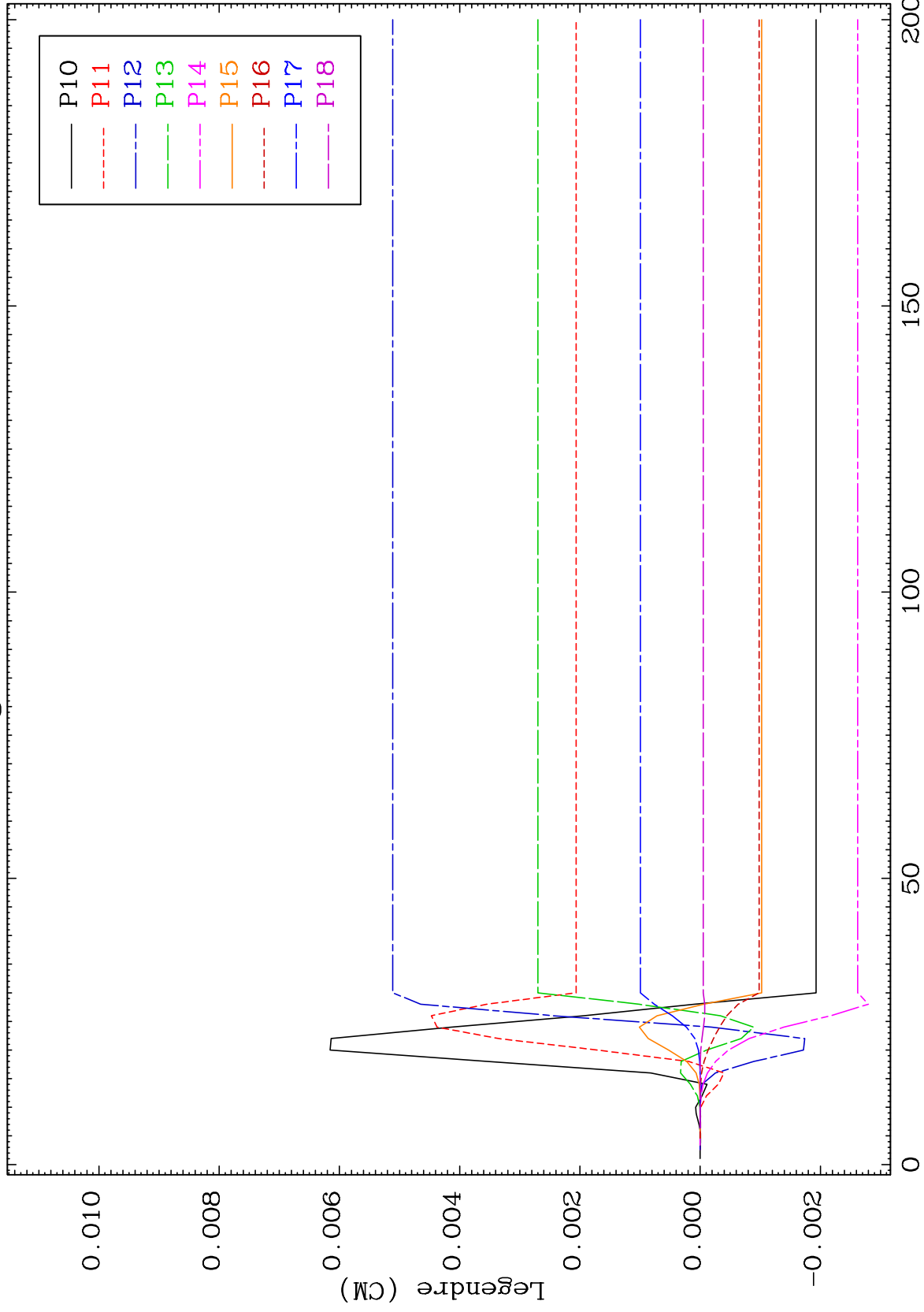
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



76

Incident Energy (MeV)

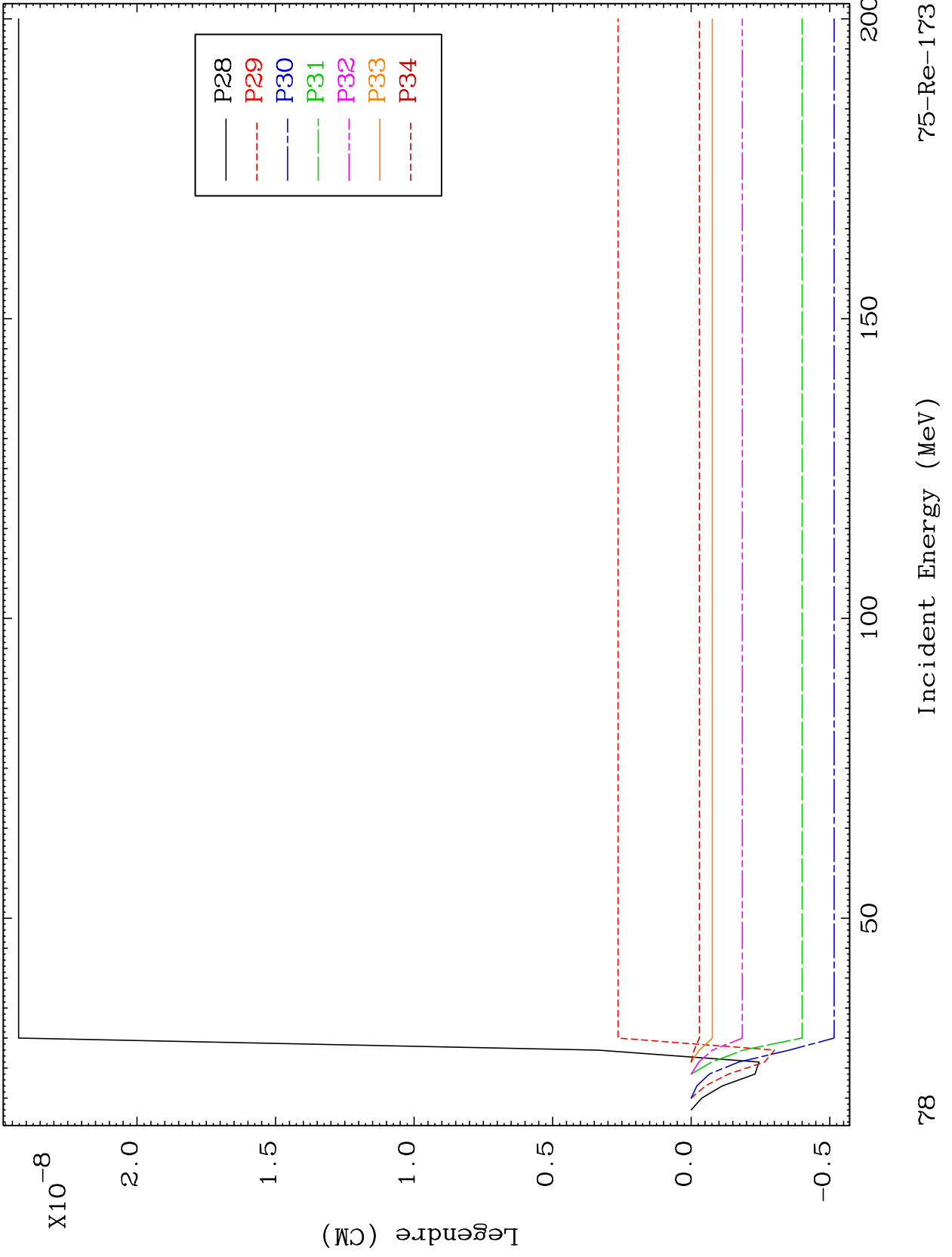
75-Re-173



MAT 7489

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

75-Re-173



78

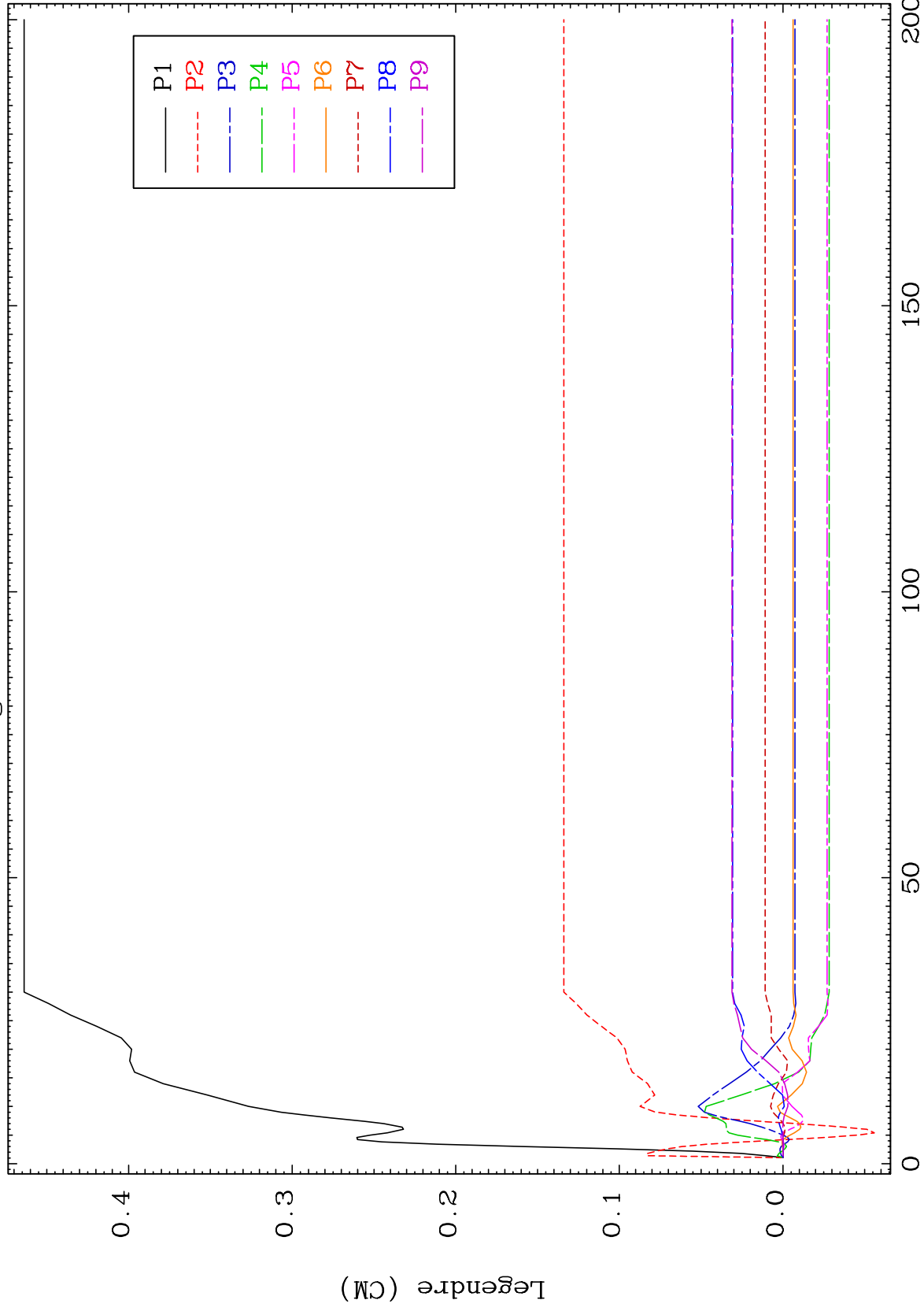
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



79

Incident Energy (MeV)

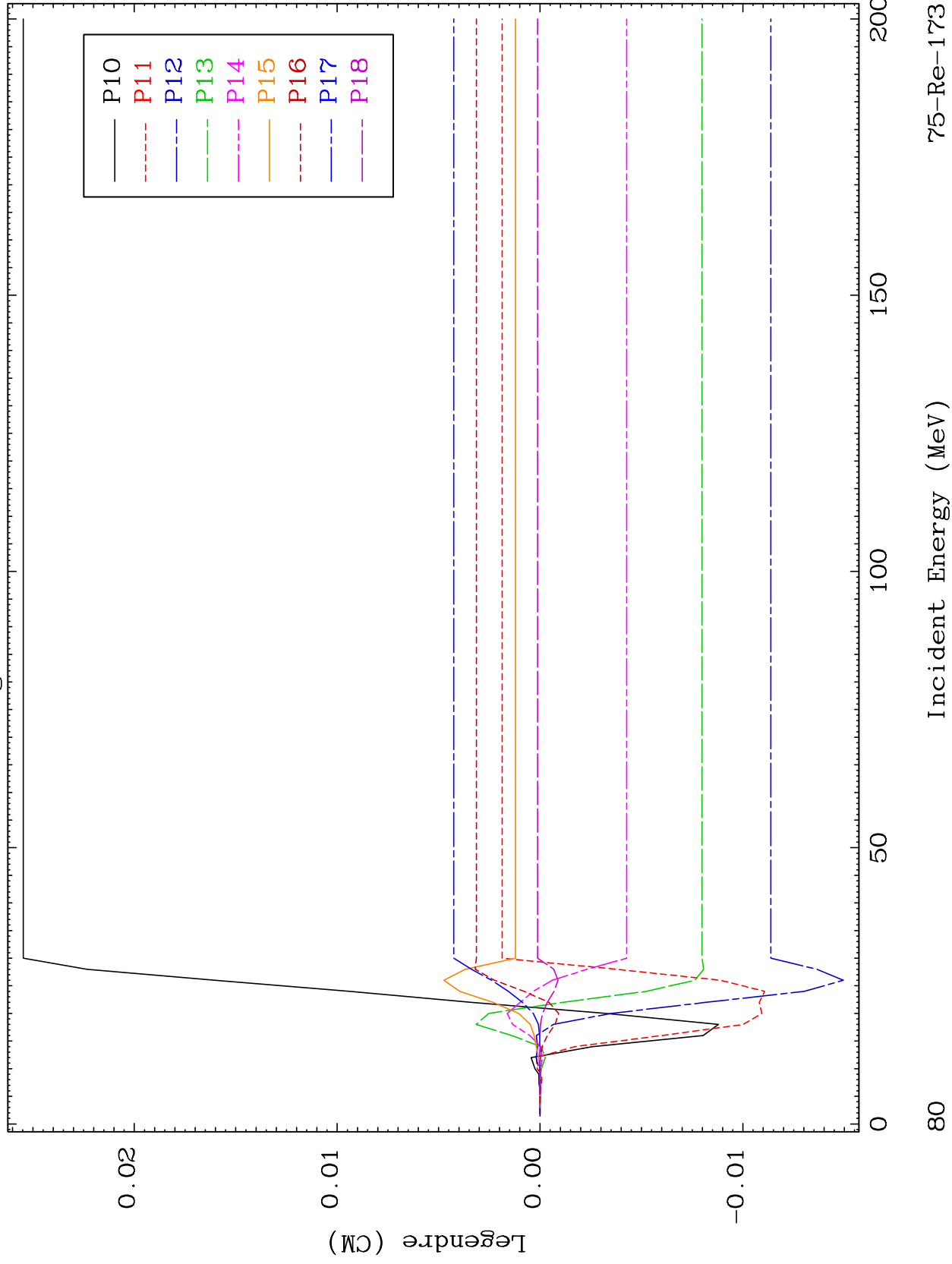
75-Re-173



MAT 7489

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

75-Re-173



75-Re-173

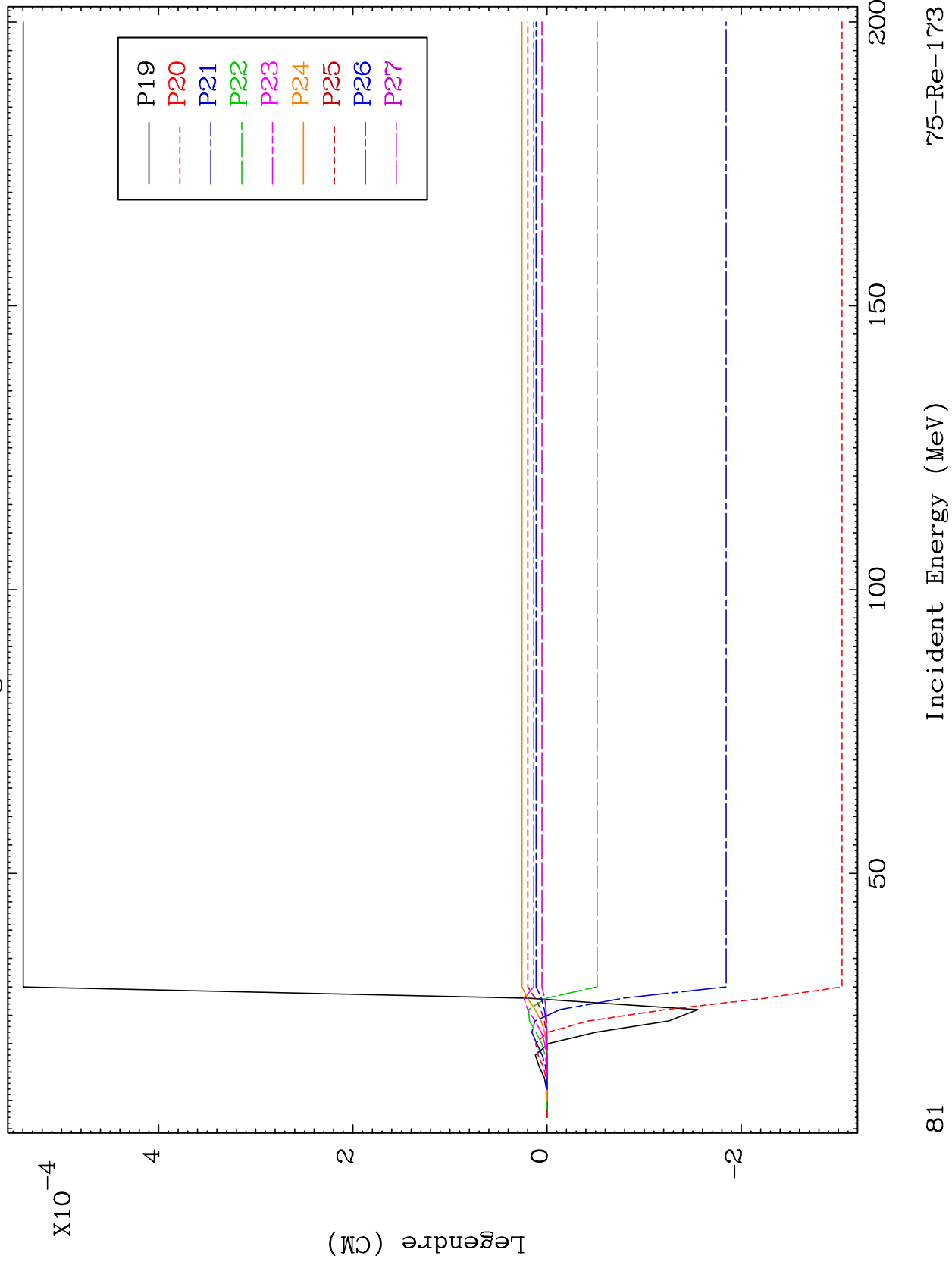
Incident Energy (MeV)

80

MAT 7489

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

75-Re-173



81

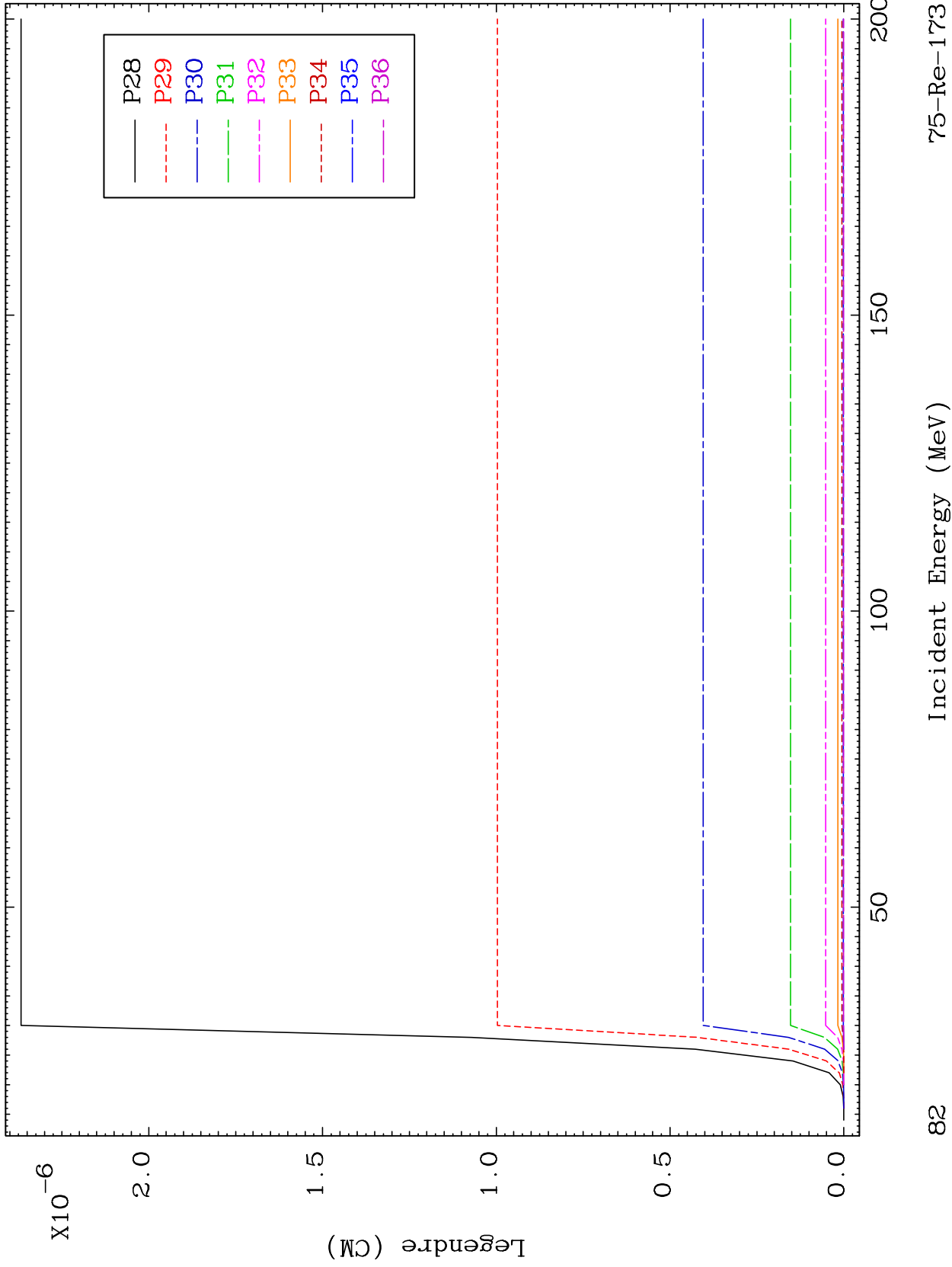
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



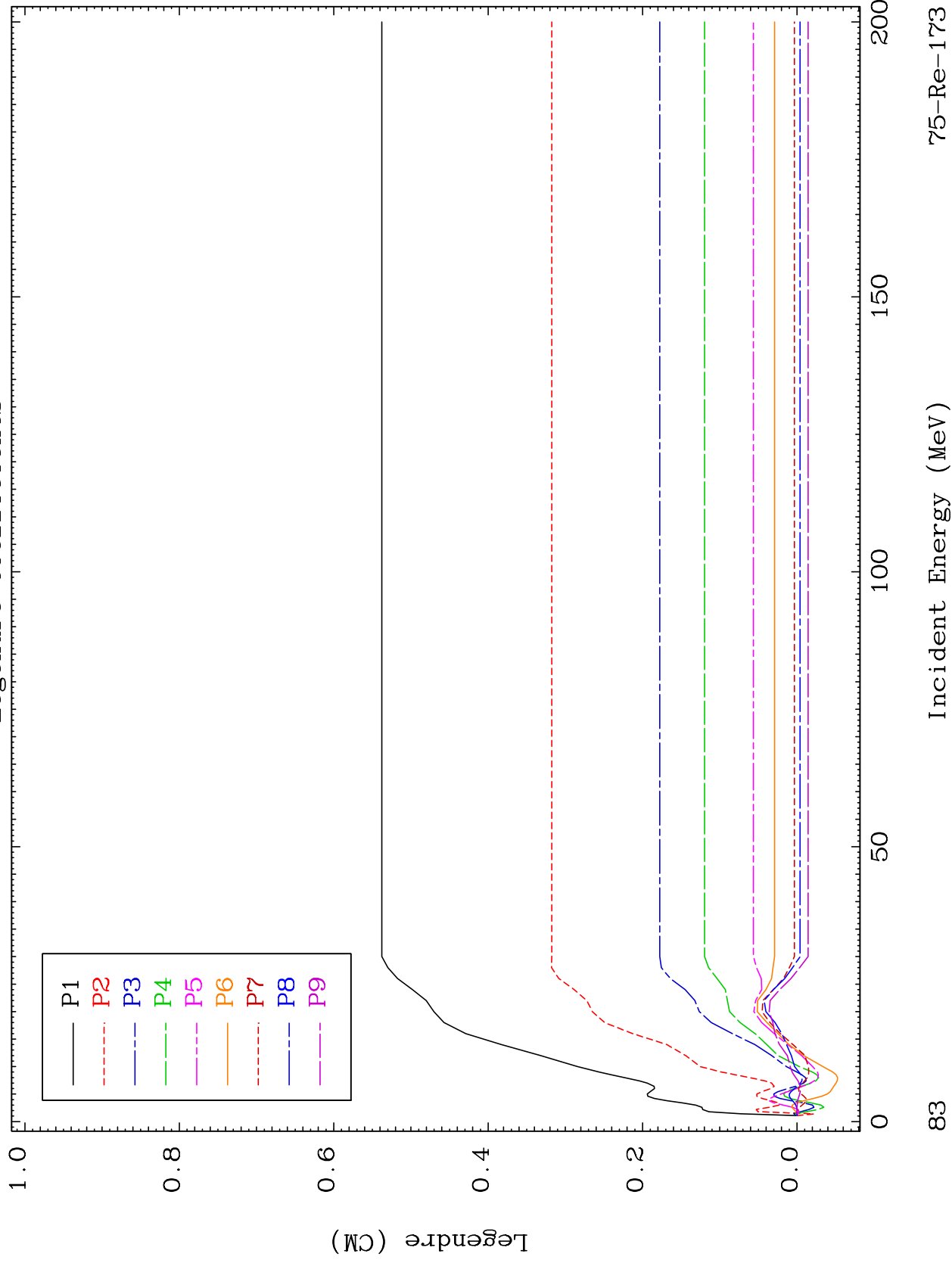
82

75-Re-173

MAT 7489

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

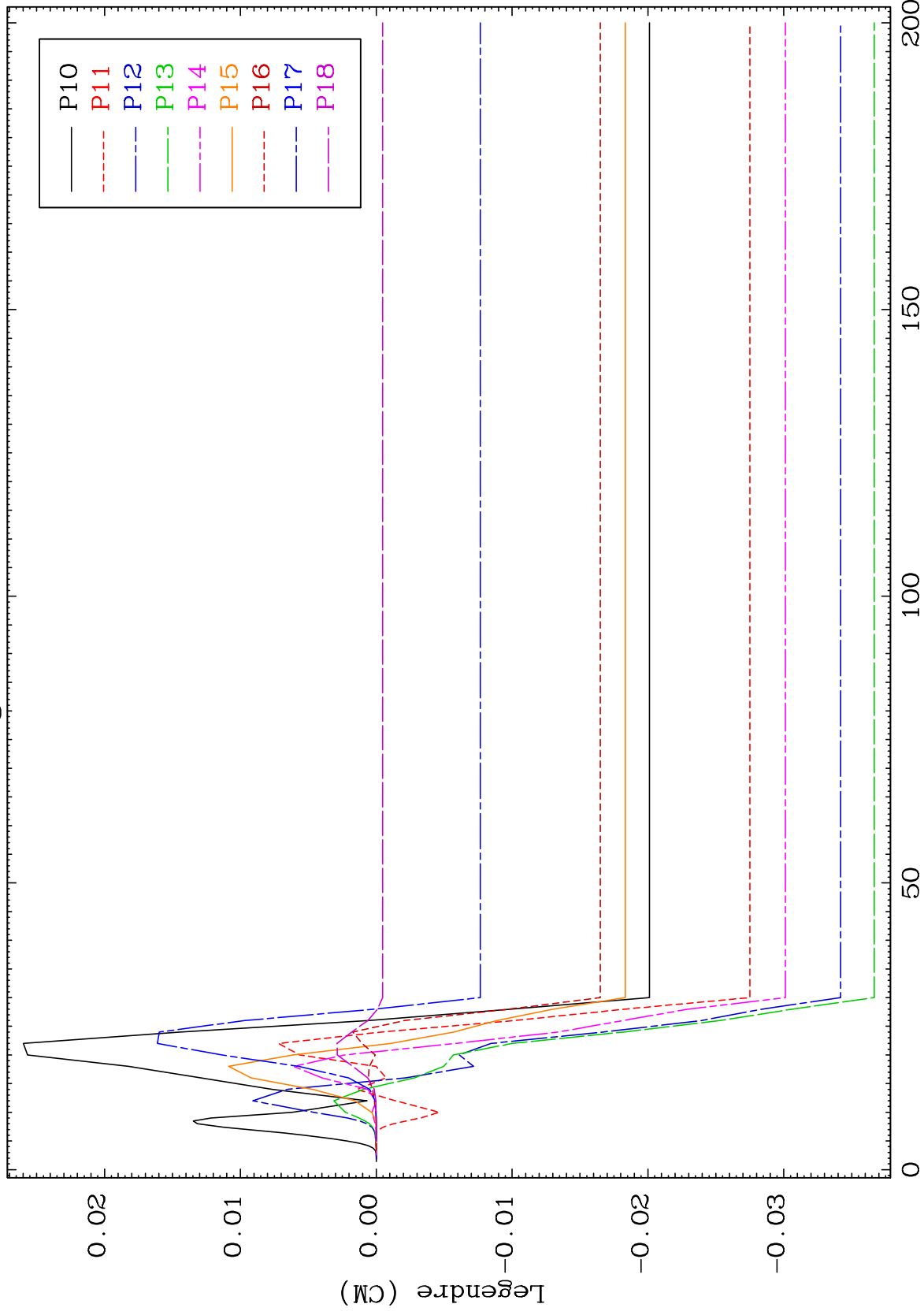
75-Re-173



MAT 7489

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

75-Re-173



84

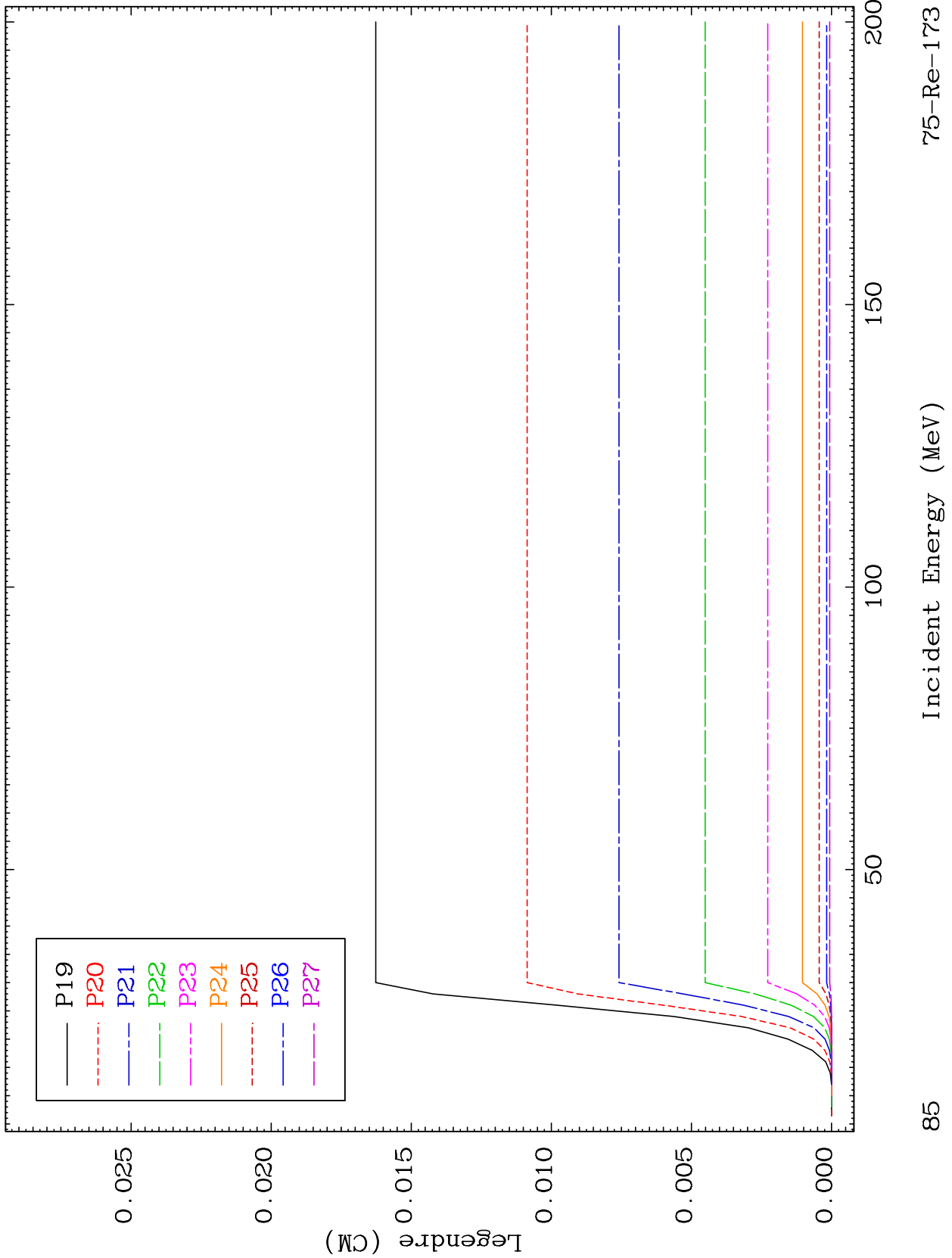
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173



85

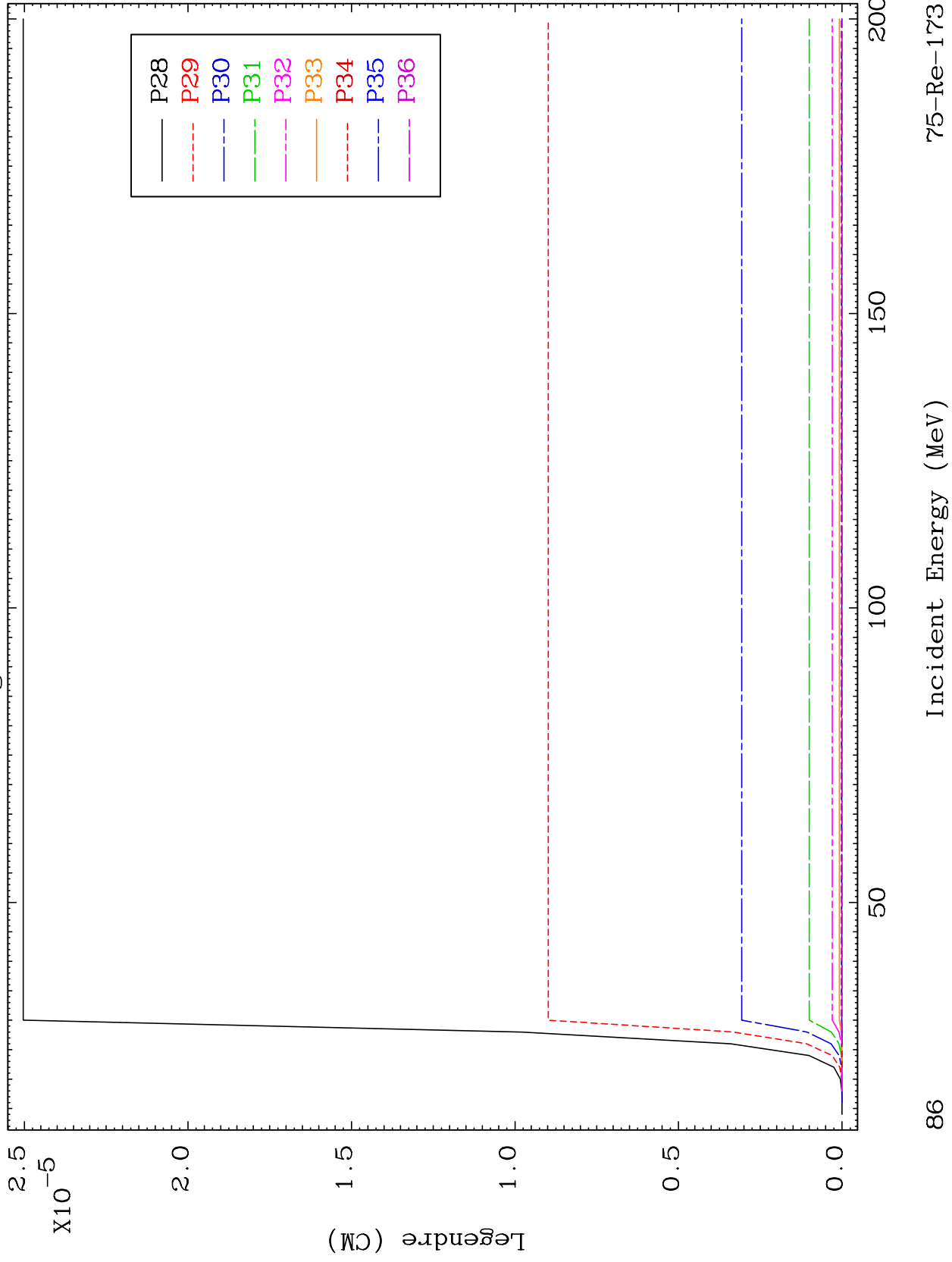
Incident Energy (MeV)

75-Re-173

MAT 7489

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

75-Re-173

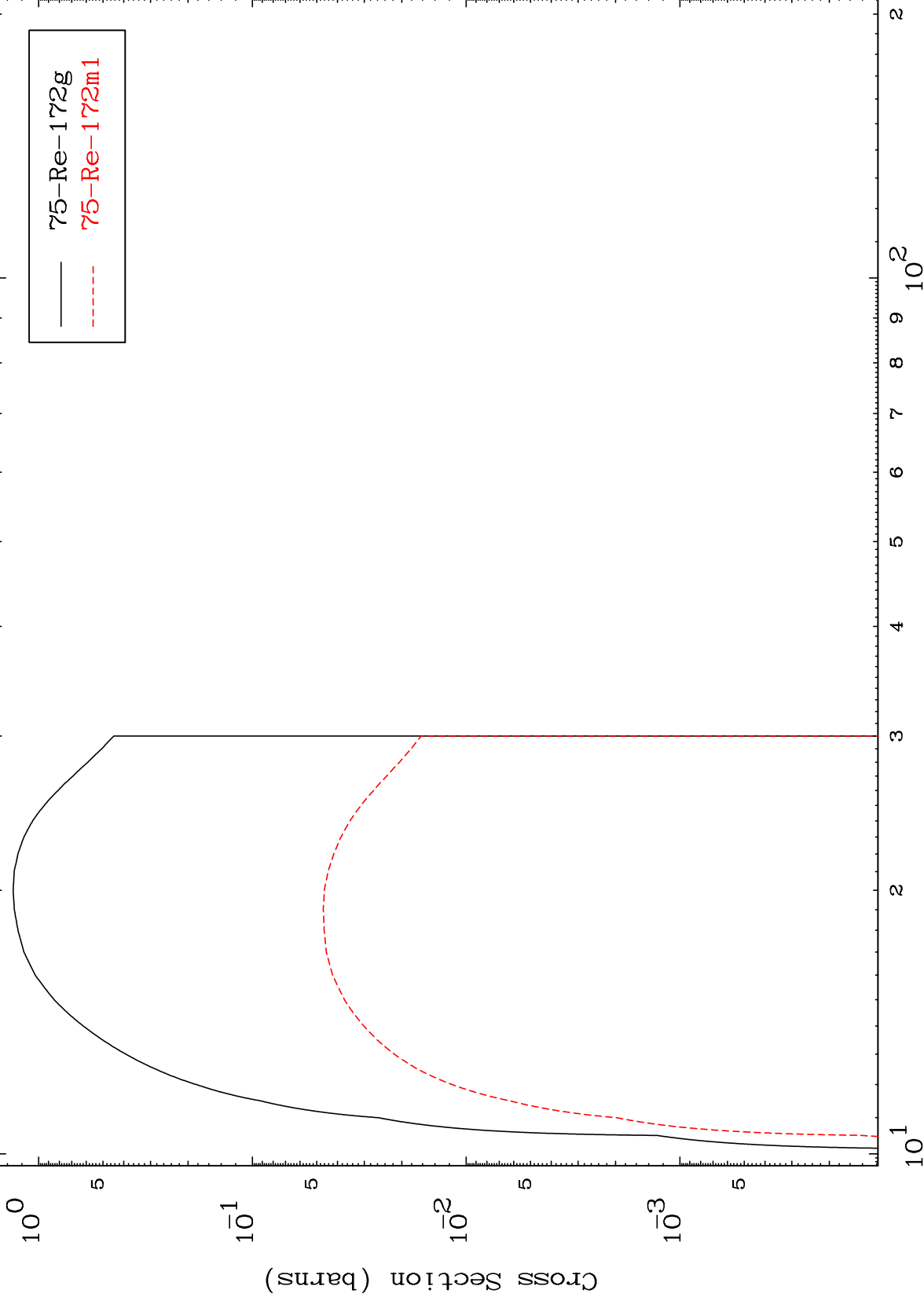


MAT 7489

(n,2n)

75-Re-173

Radionuclide Production Cross Section



75-Re-172g  
75-Re-172m1

Incident Energy (MeV)

75-Re-173

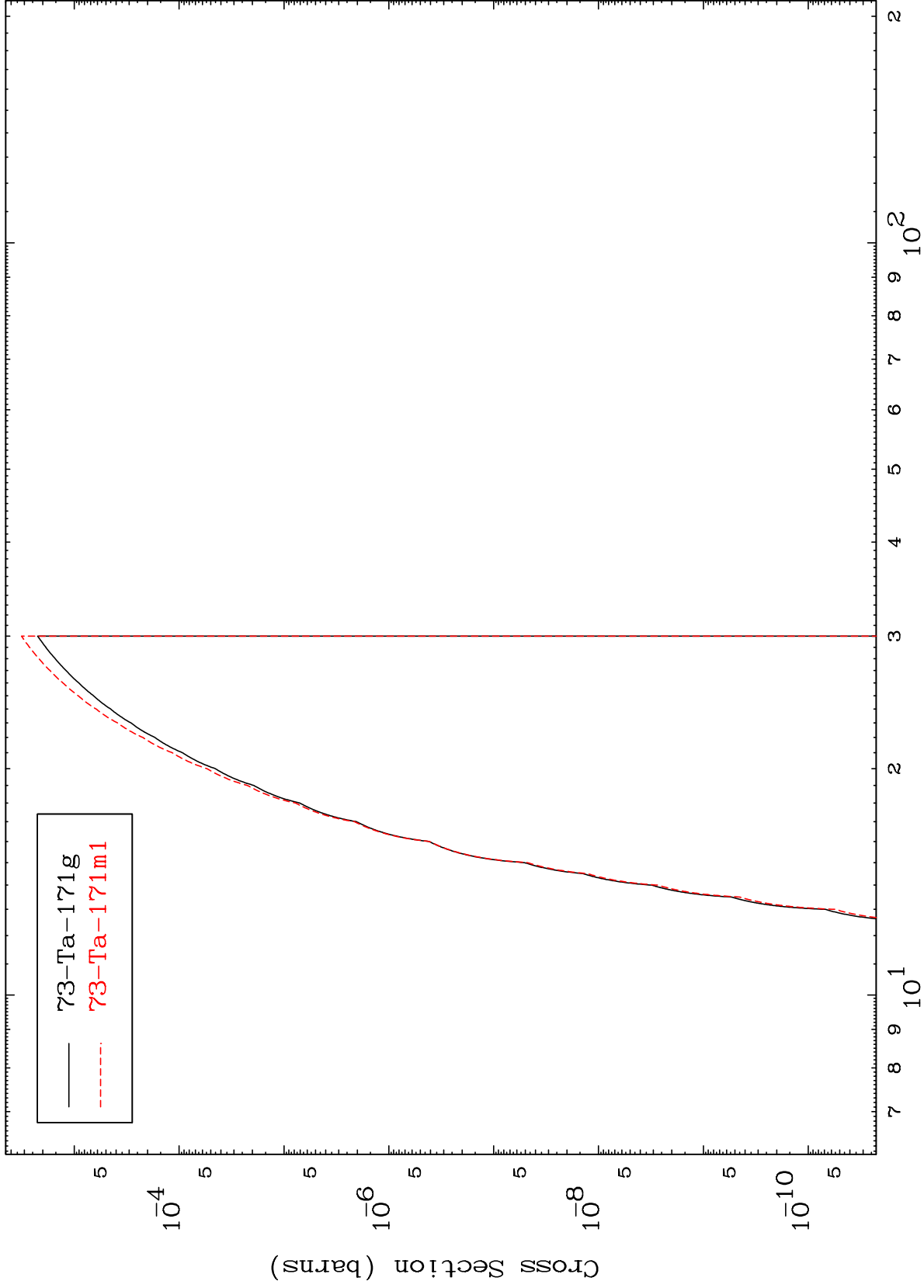
87



MAT 7489

75-Re-173

(n,2n) p  
Radionuclide Production Cross Section



88

Incident Energy (MeV)

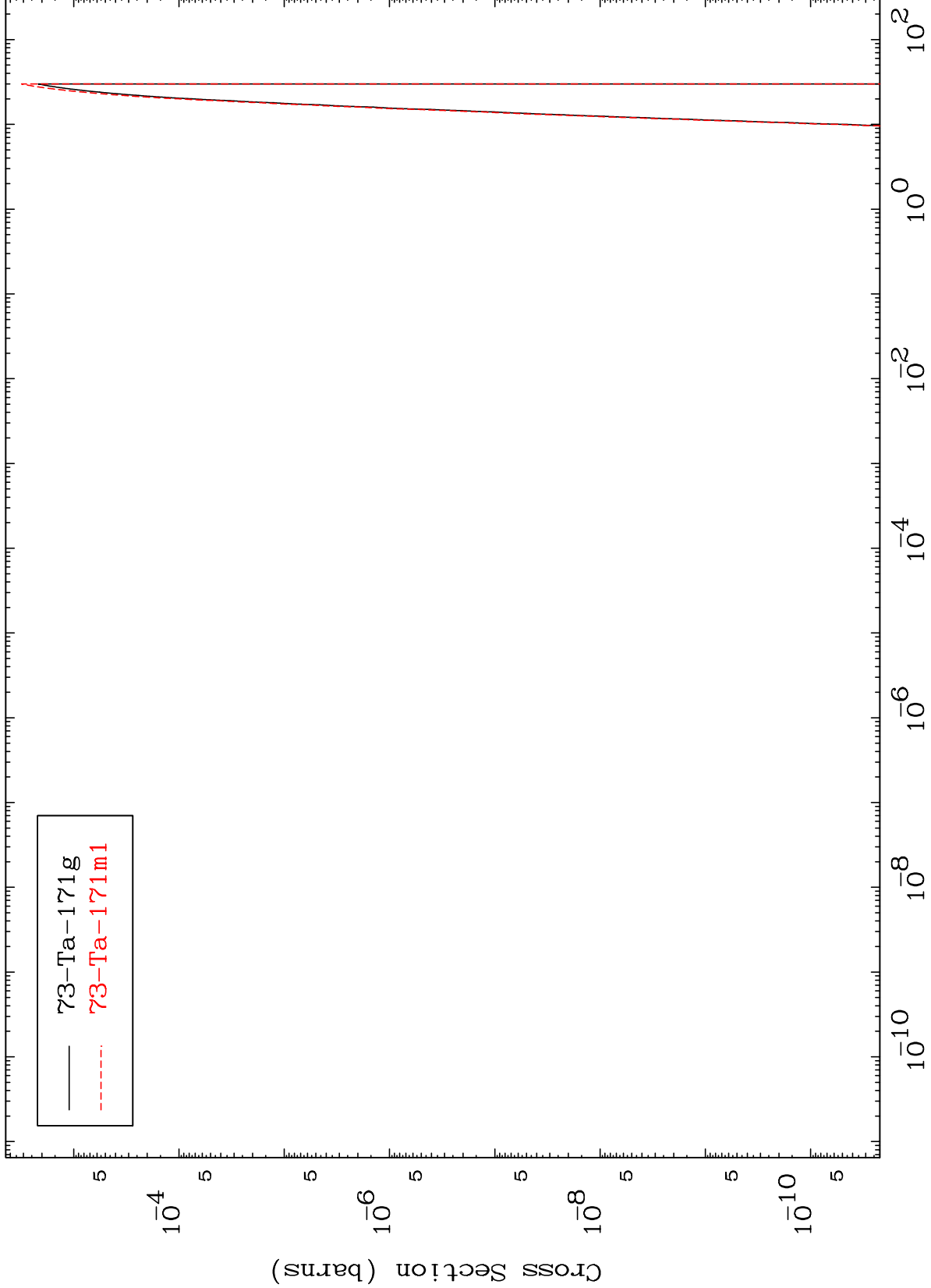
75-Re-173

MAT 7489

(n,He-3)

75-Re-173

Radionuclide Production Cross Section



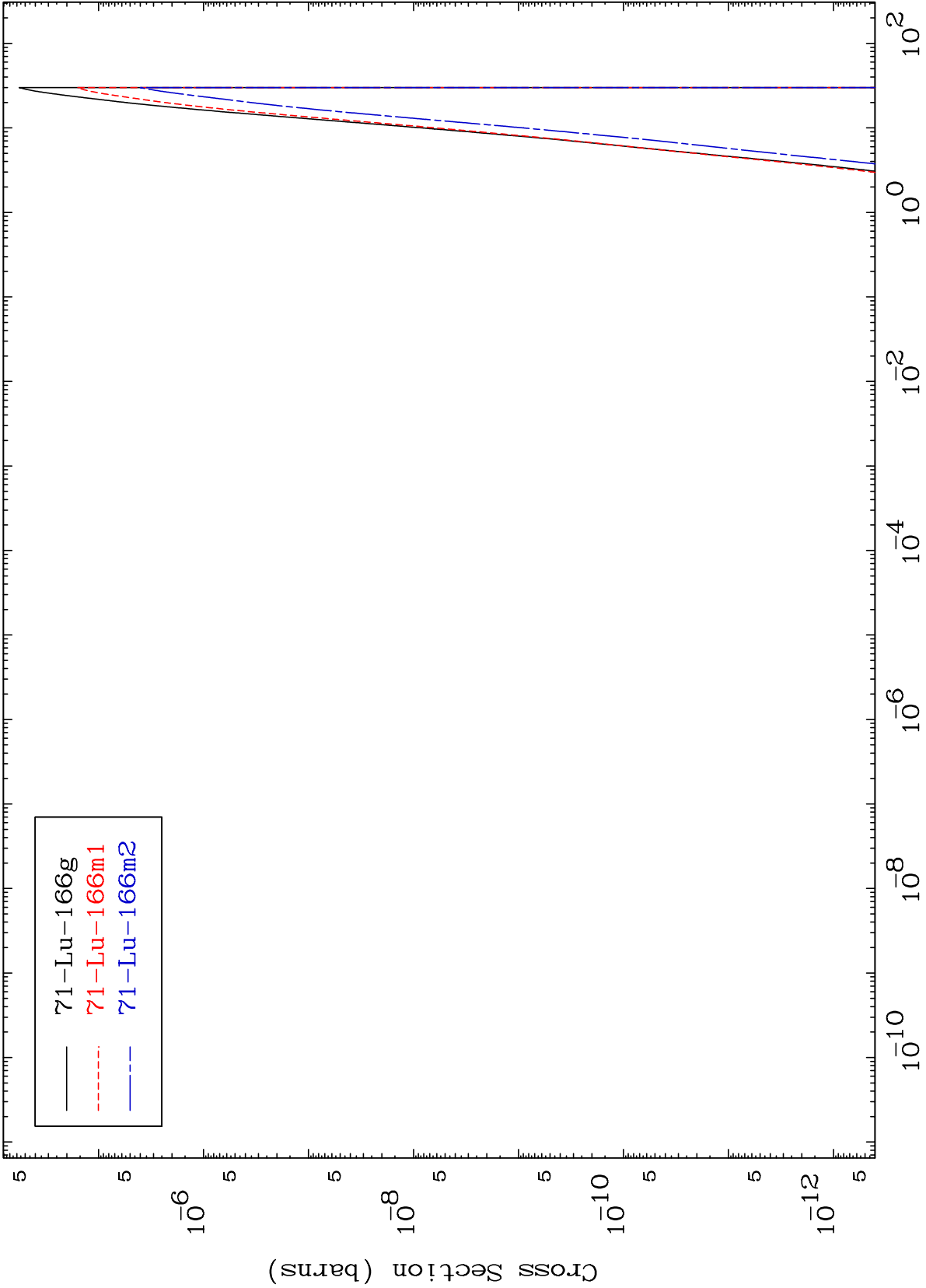
73-Ta-171g  
73-Ta-171m1

MAT 7489

(n,2α)

75-Re-173

Radionuclide Production Cross Section



90

Incident Energy (MeV)

75-Re-173

MAT 7489

(n,p) d

75-Re-173

Radionuclide Production Cross Section

