

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

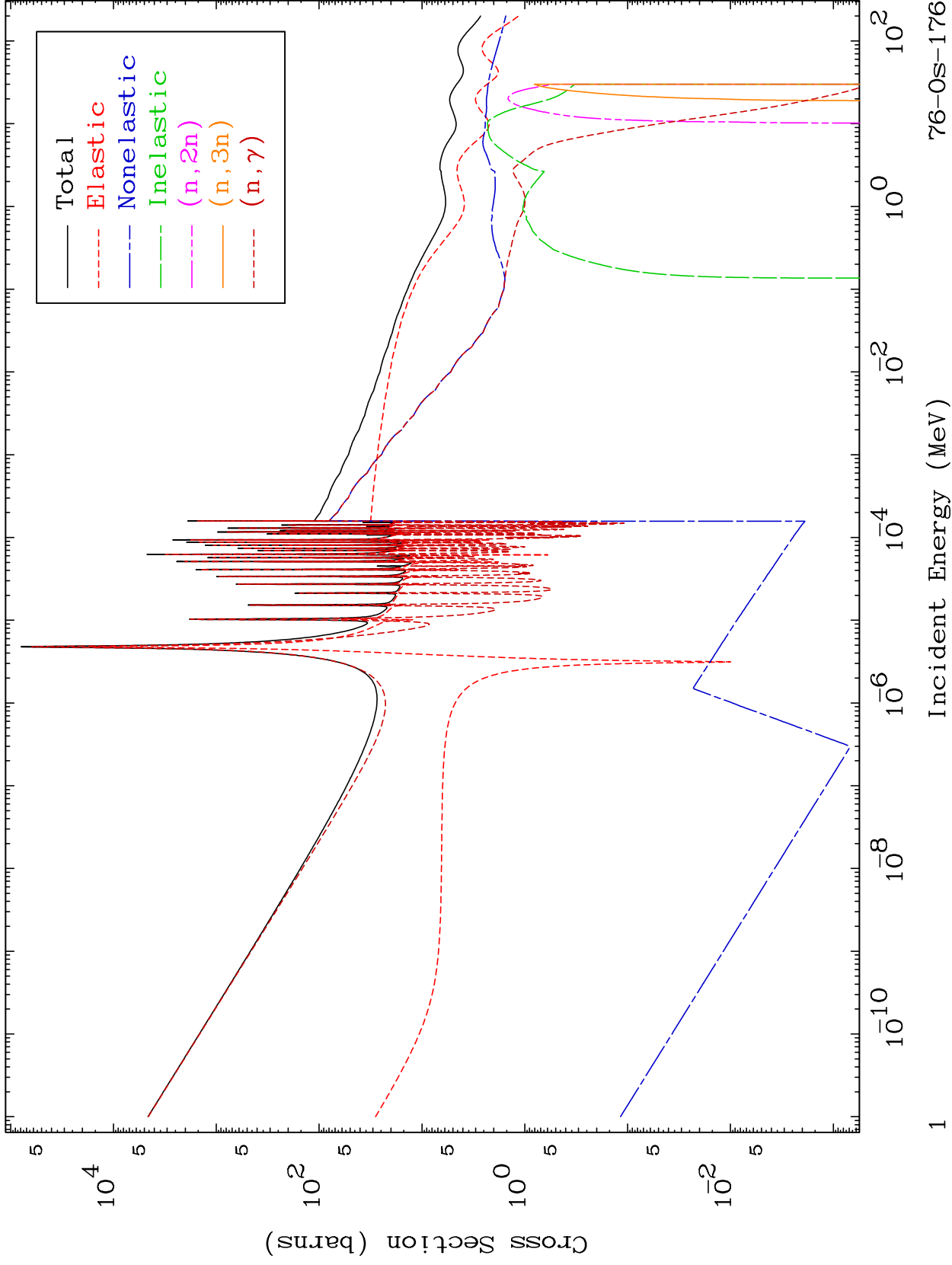
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7601

Neutron Major  
293 Kelvin Cross Sections

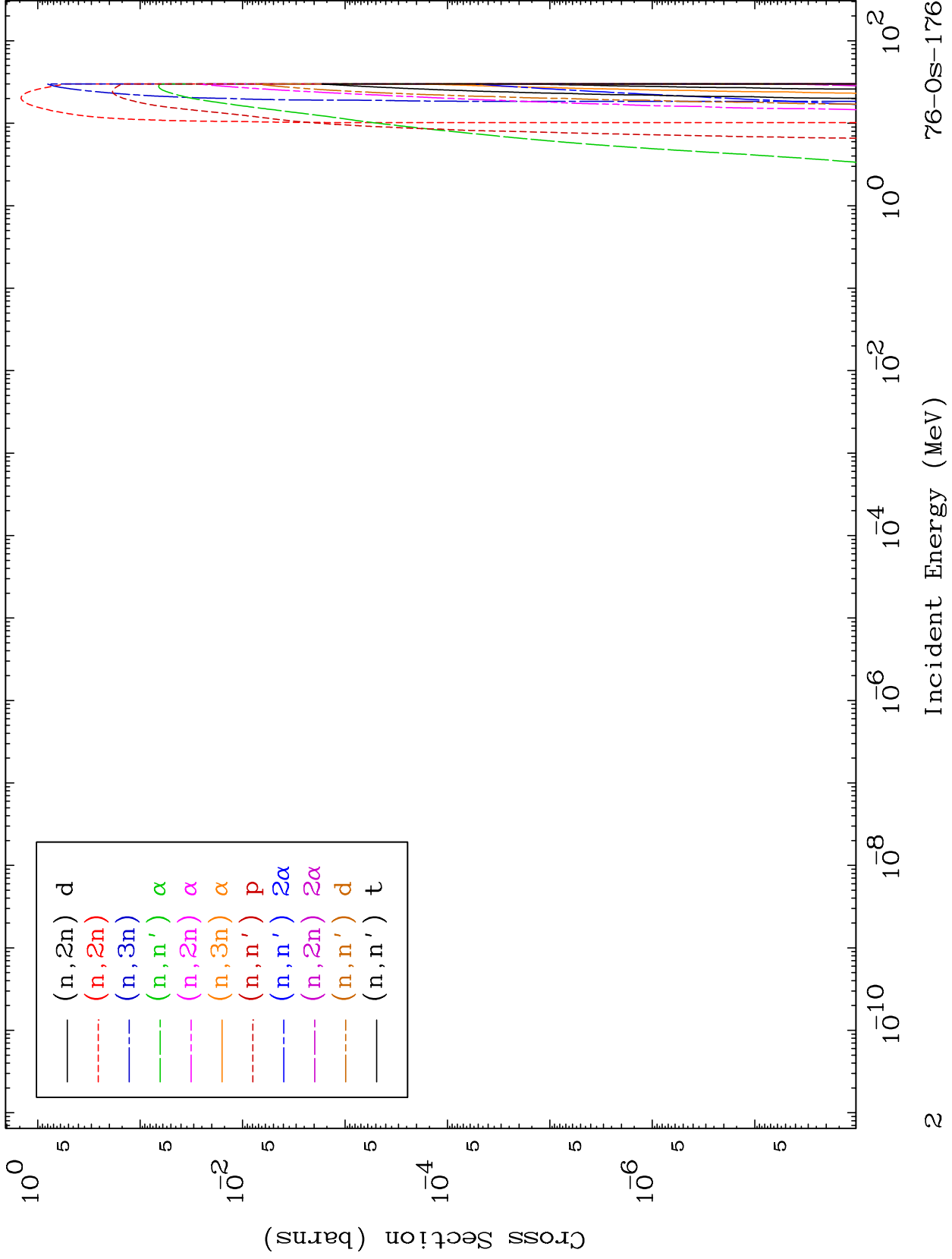
76-Os-176



MAT 7601

Neutron Absorption  
293 Kelvin Cross Sections

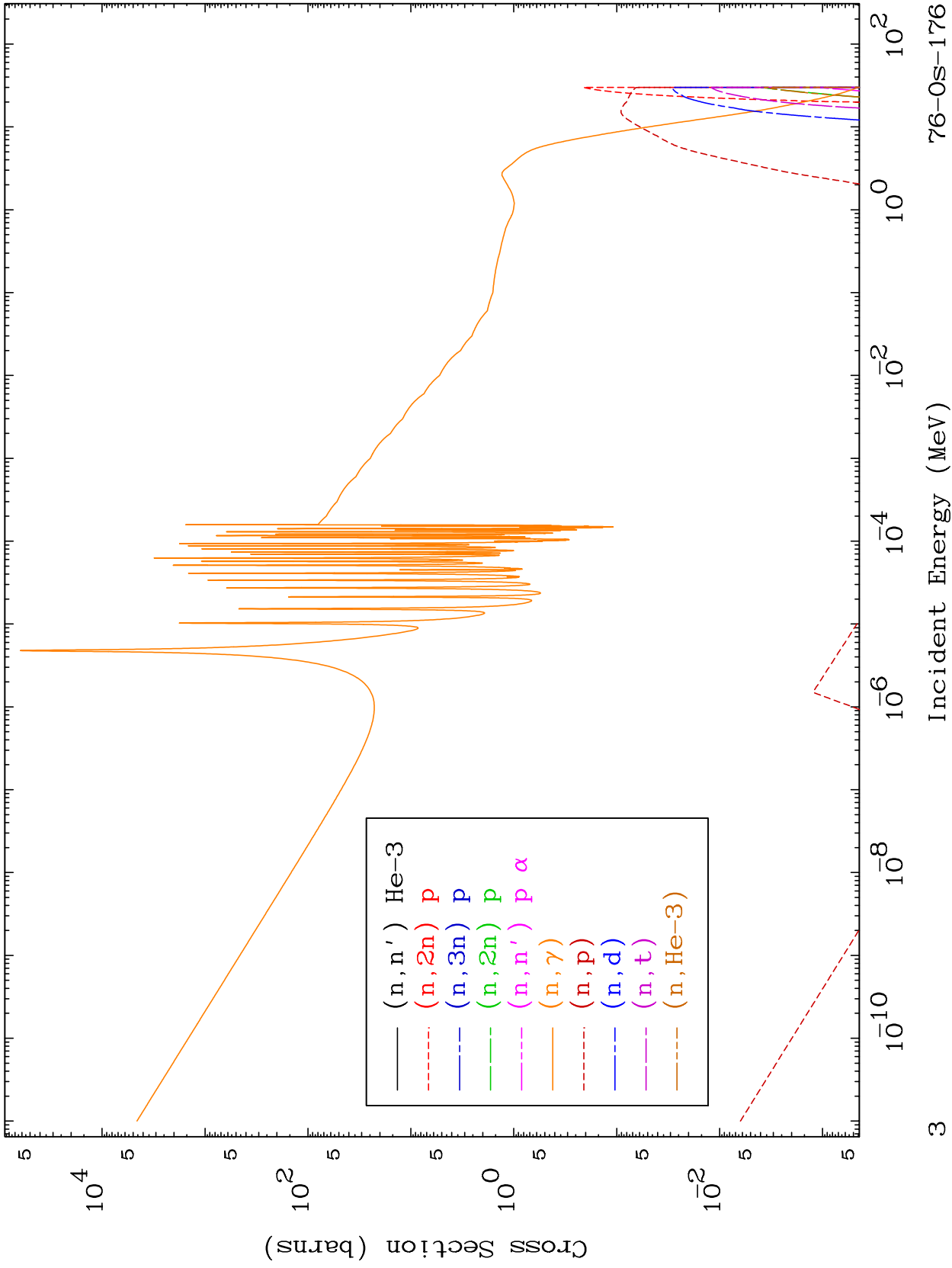
76-Os-176



MAT 7601

Neutron Absorption  
293 Kelvin Cross Sections

76-Os-176

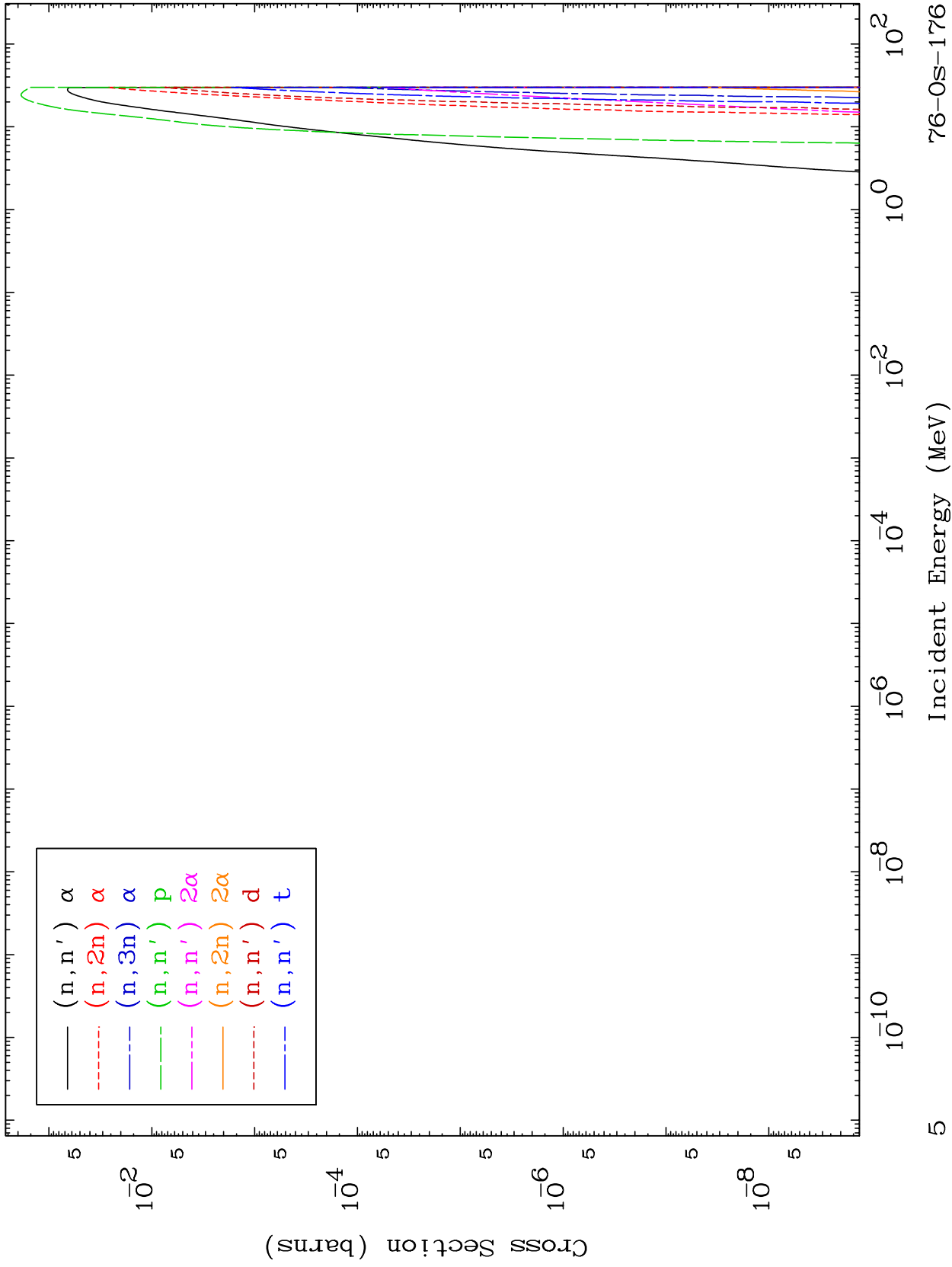




MAT 7601

Charged Particle  
293 Kelvin Cross Sections

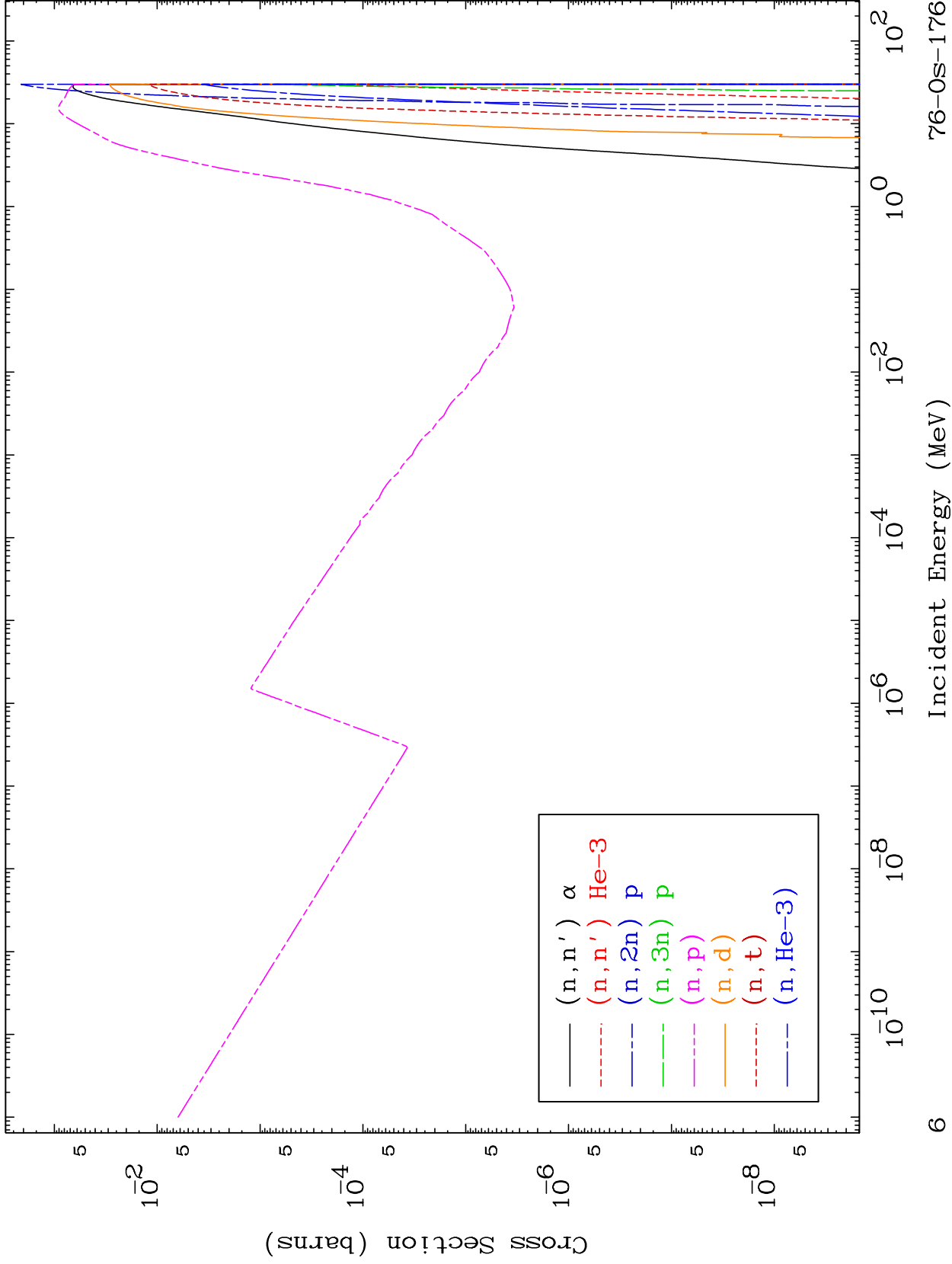
76-Os-176



MAT 7601

Charged Particle  
293 Kelvin Cross Sections

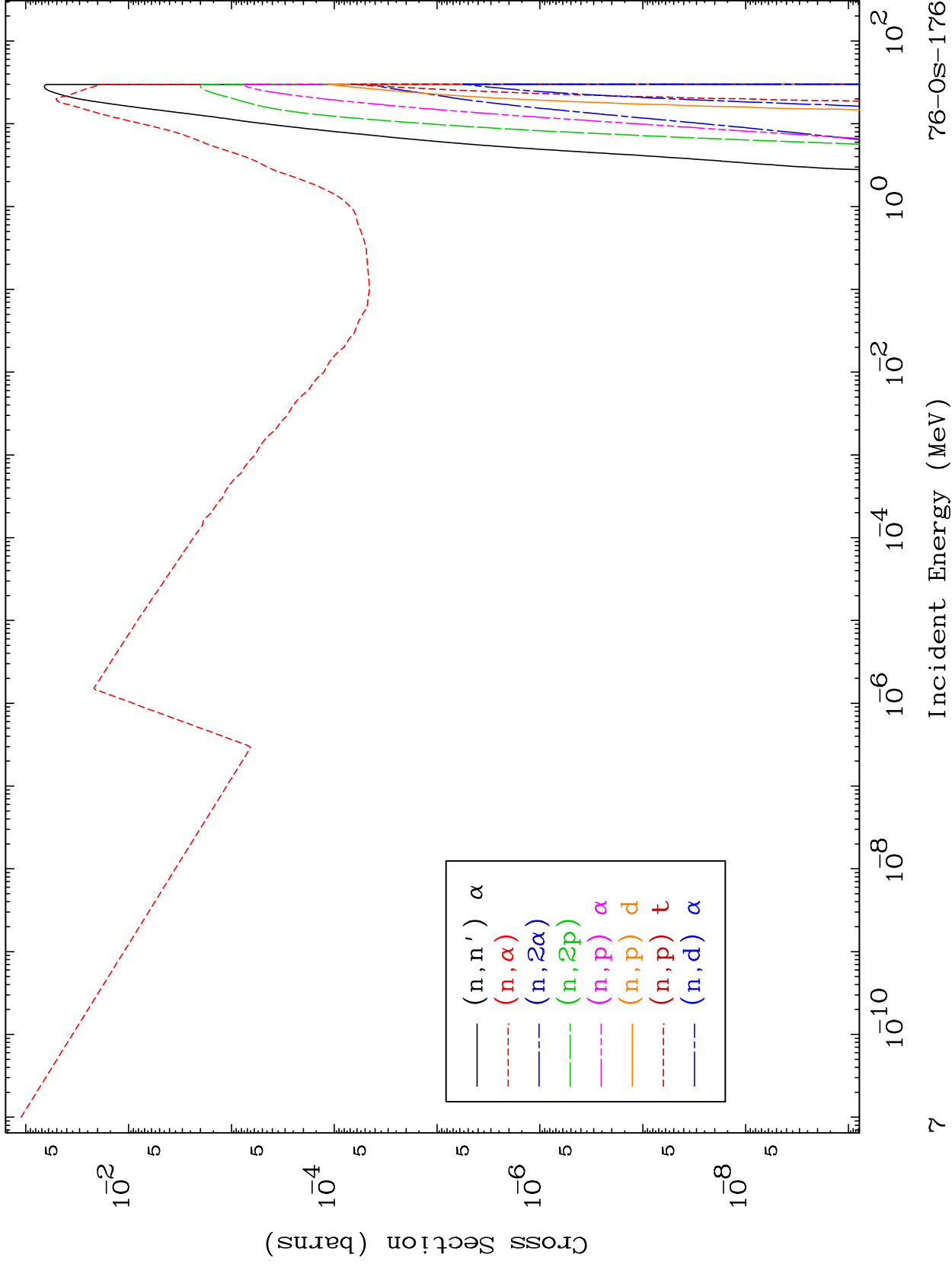
76-Os-176



MAT 7601

Charged Particle  
293 Kelvin Cross Sections

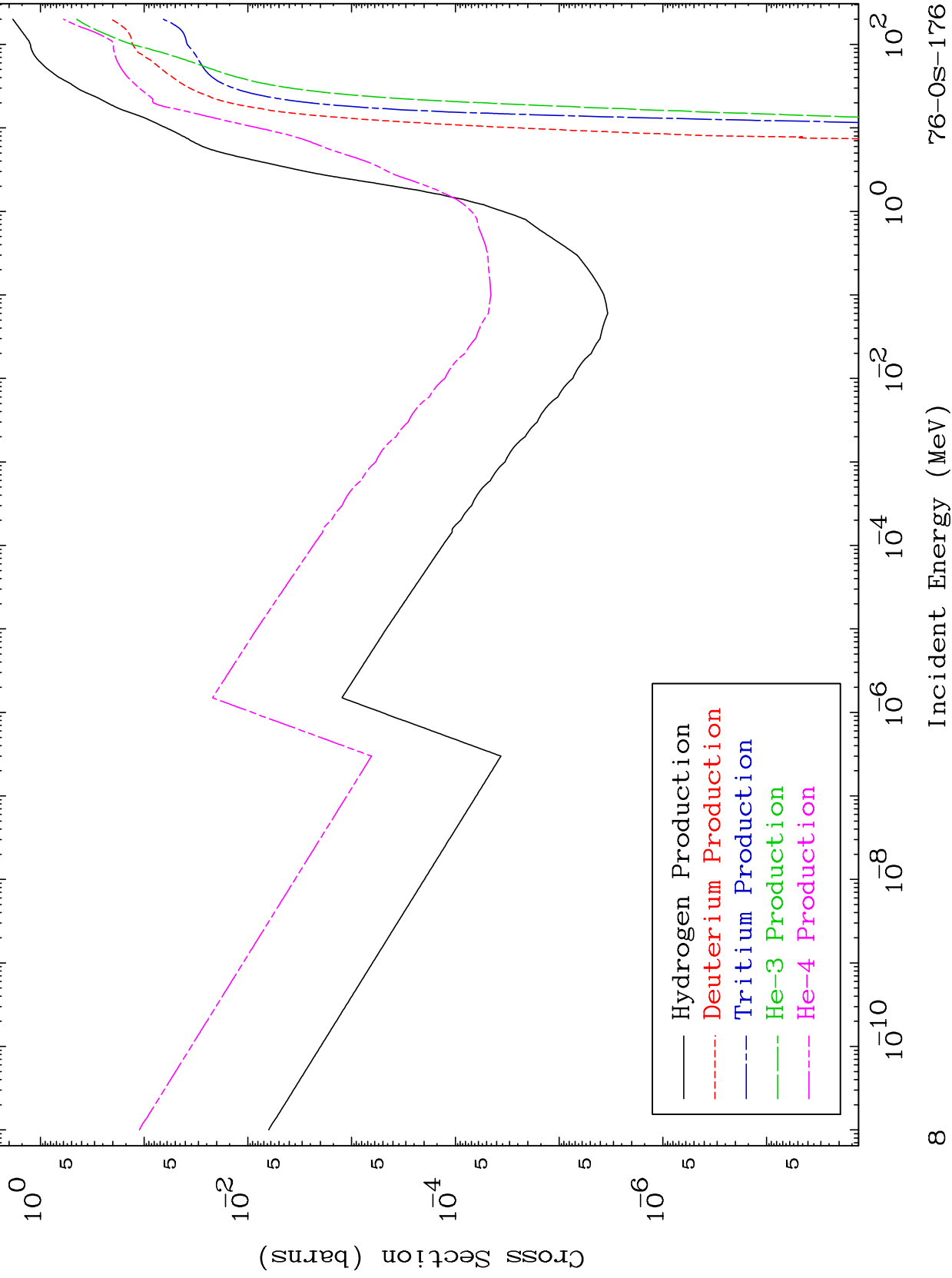
76-Os-176

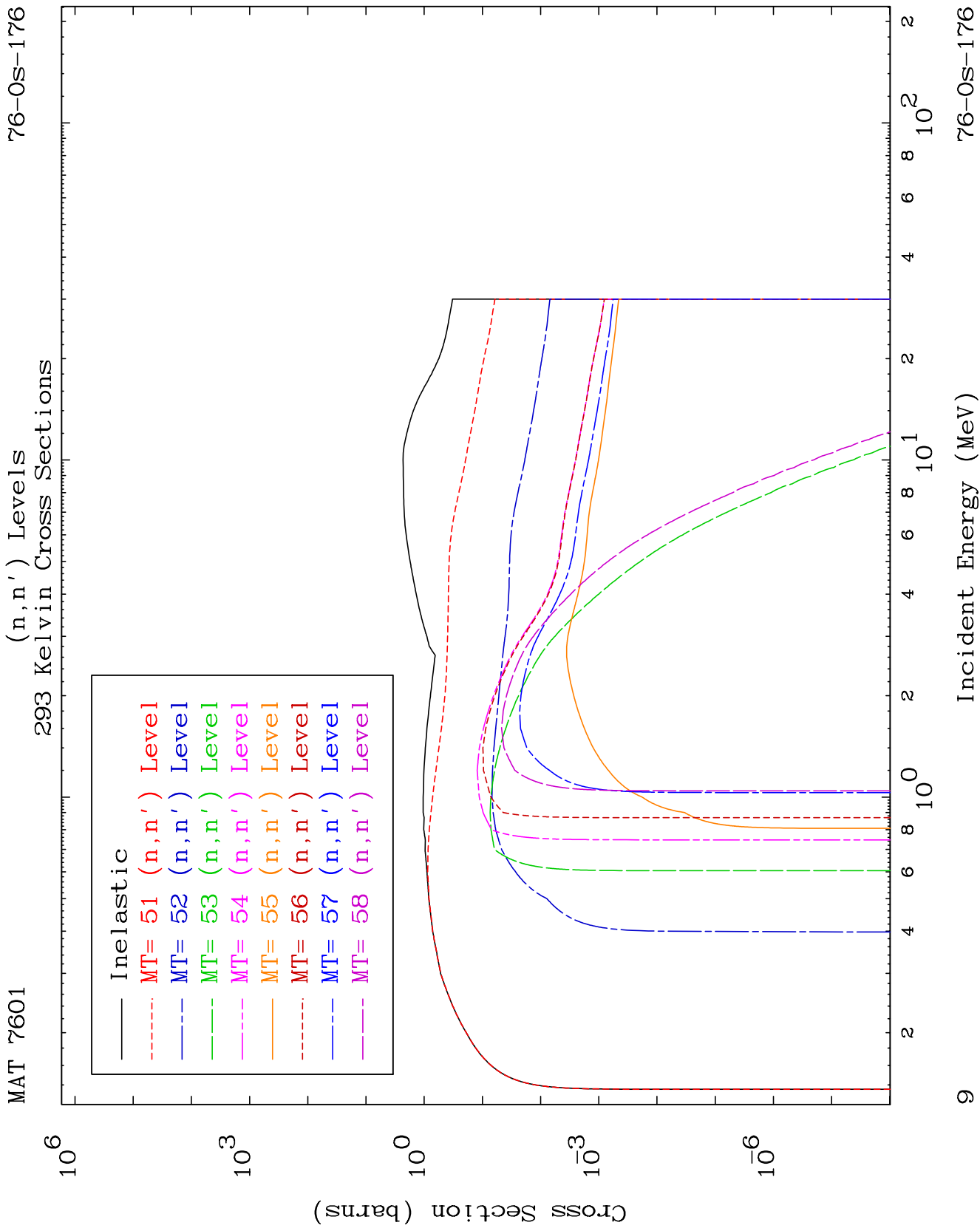


MAT 7601

Particle Production  
293 Kelvin Cross Sections

76-Os-176

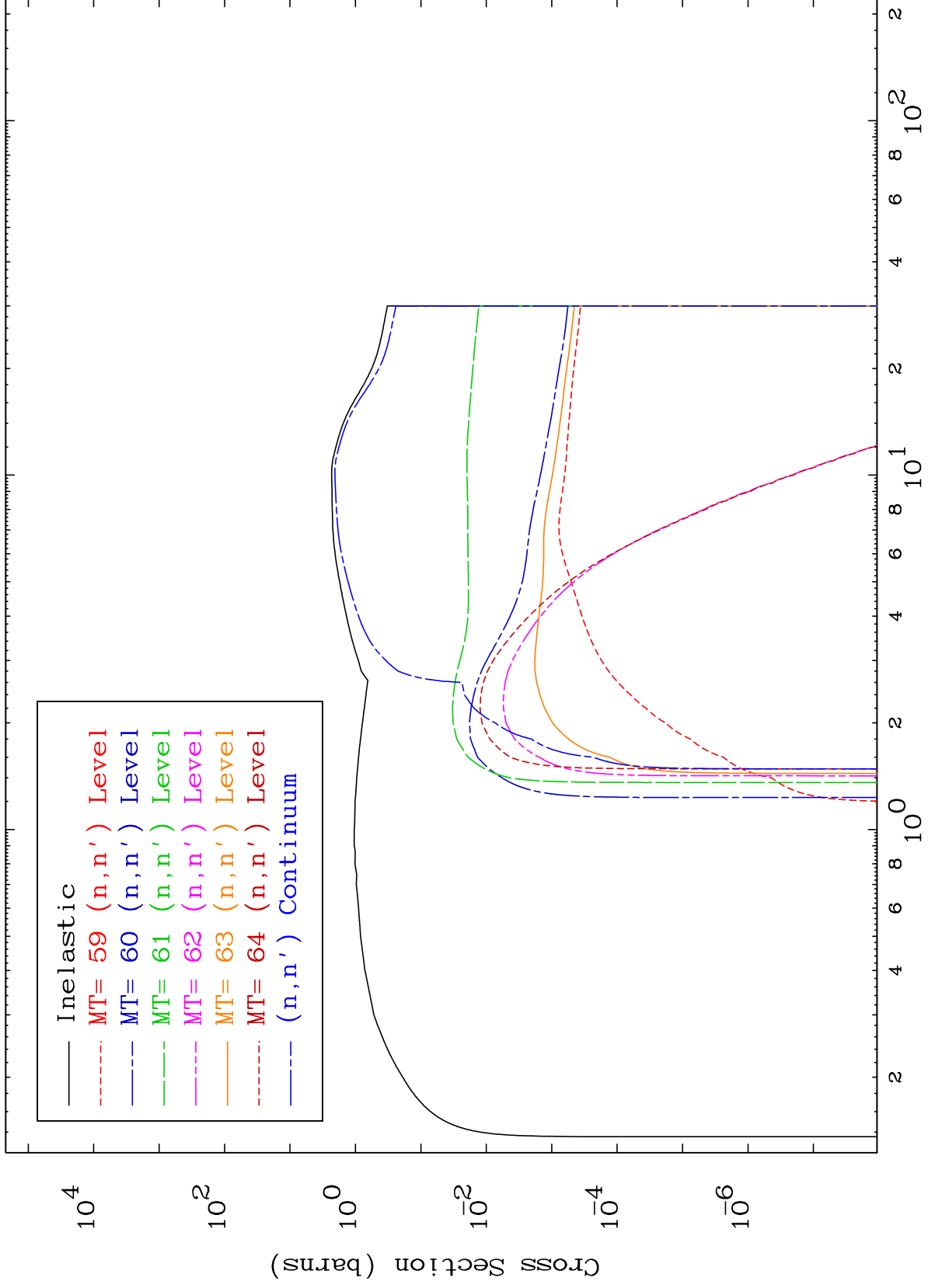




MAT 7601

293 Kelvin Cross Sections  
(n,n') Levels

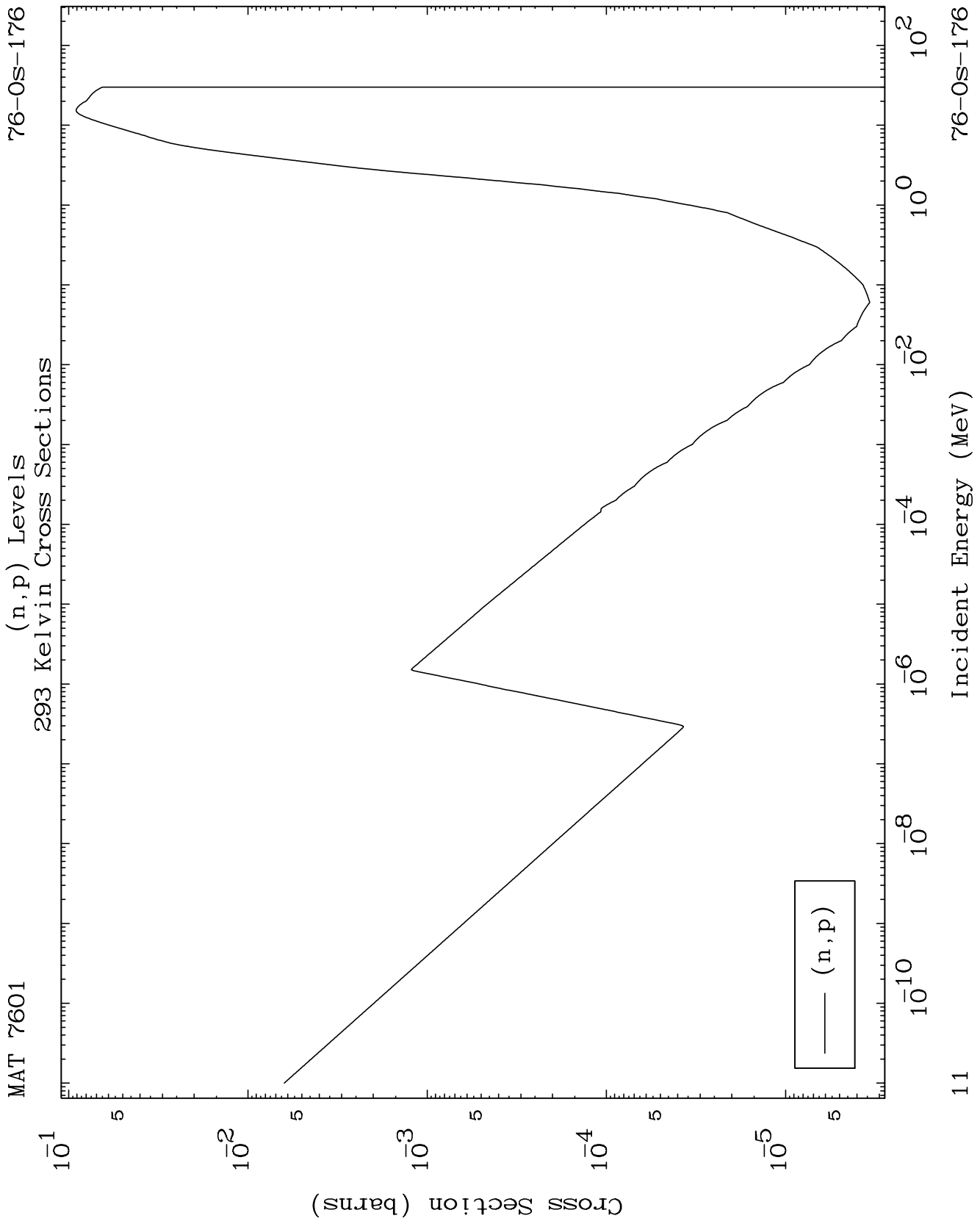
76-Os-176



10

Incident Energy (MeV)

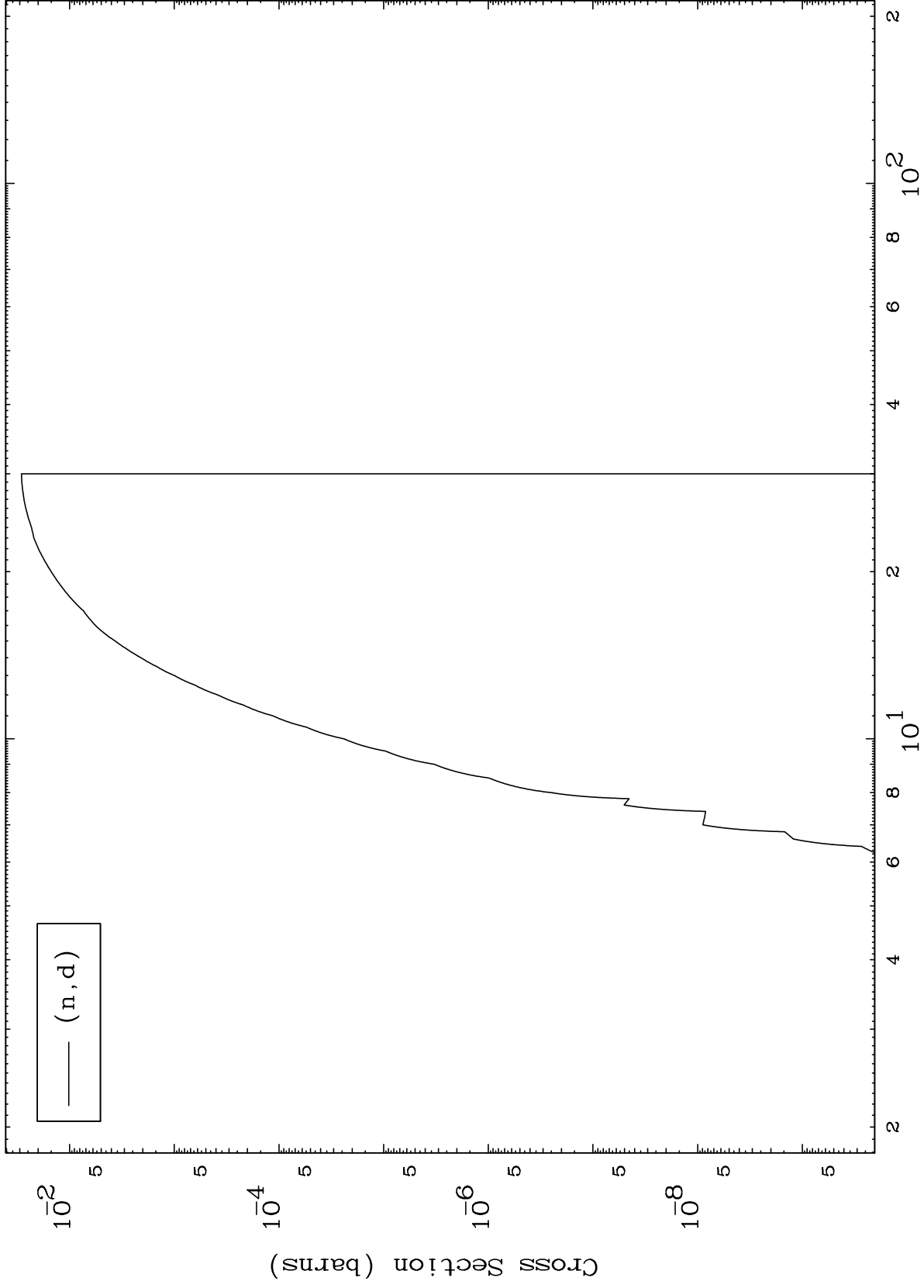
76-Os-176



MAT 7601

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-176



12

Incident Energy (MeV)

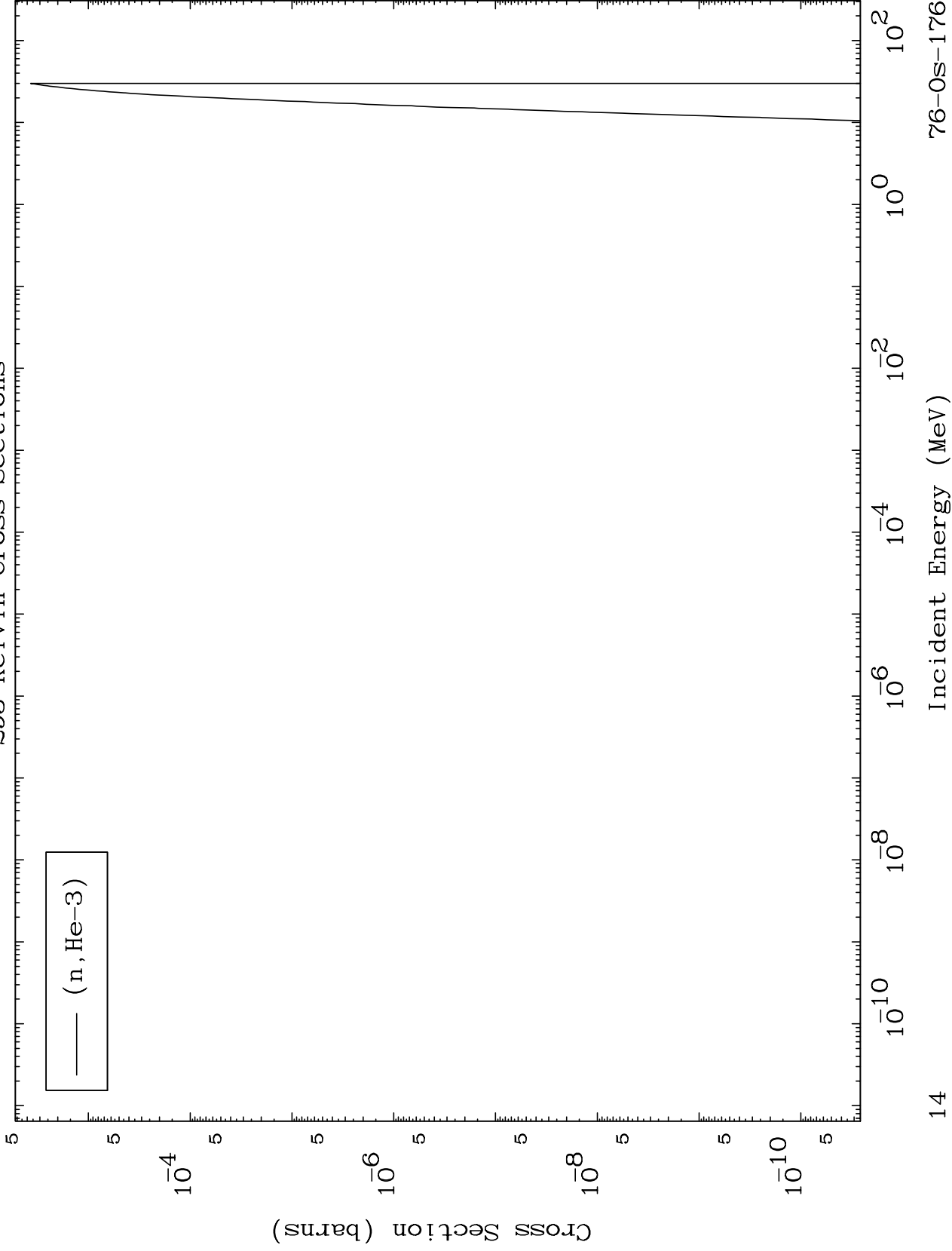
76-Os-176



MAT 7601

(n,He3) Levels  
293 Kelvin Cross Sections

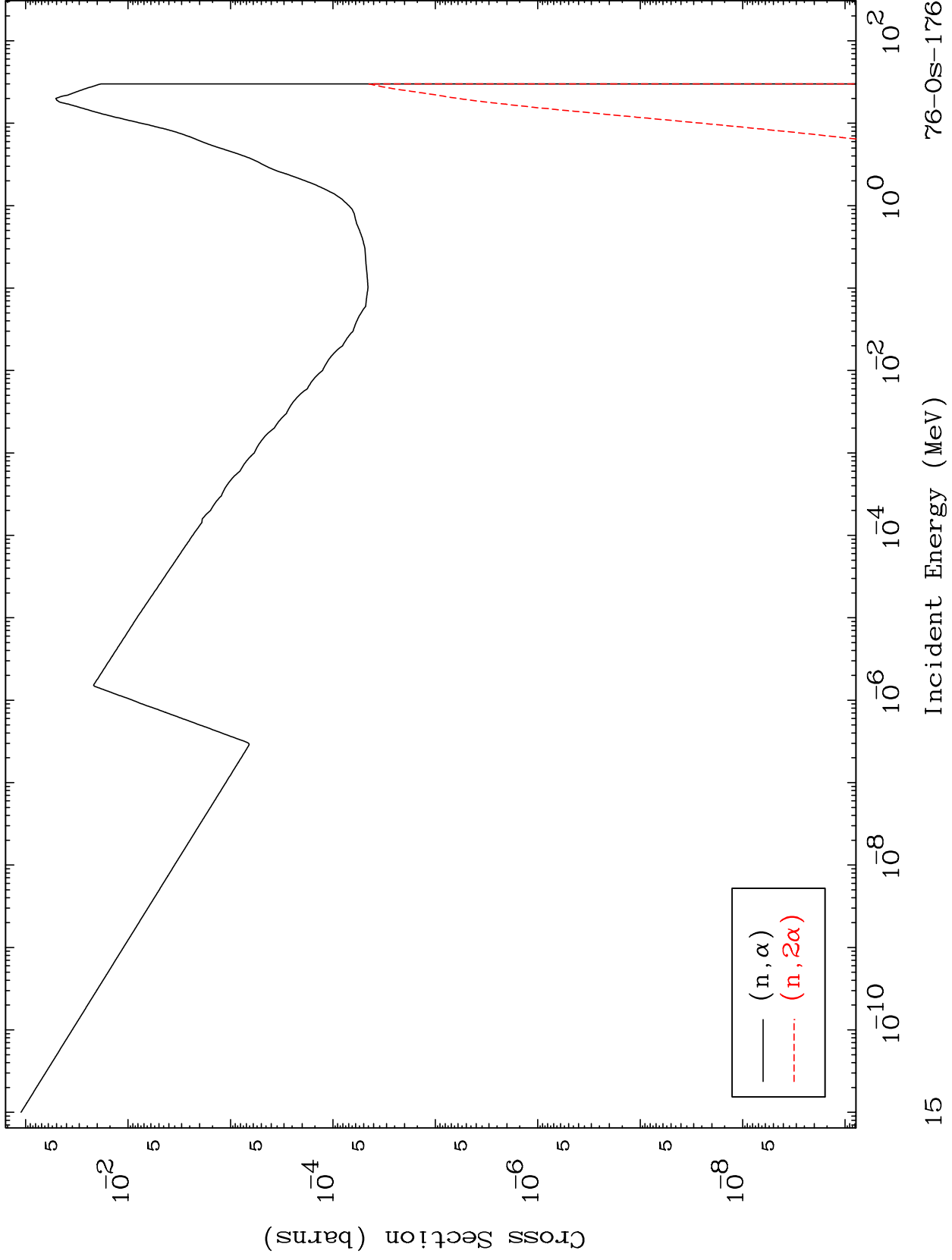
76-Os-176

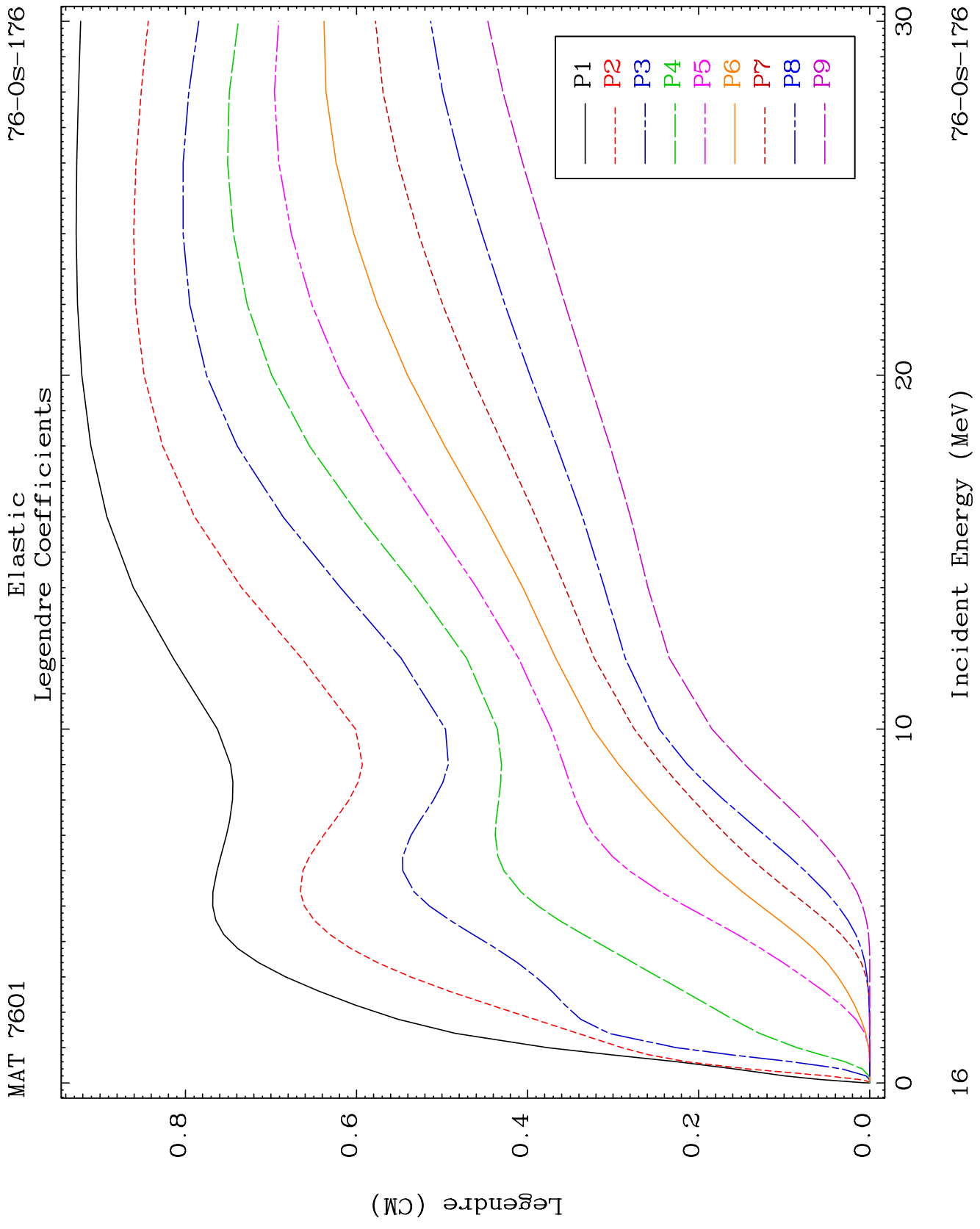


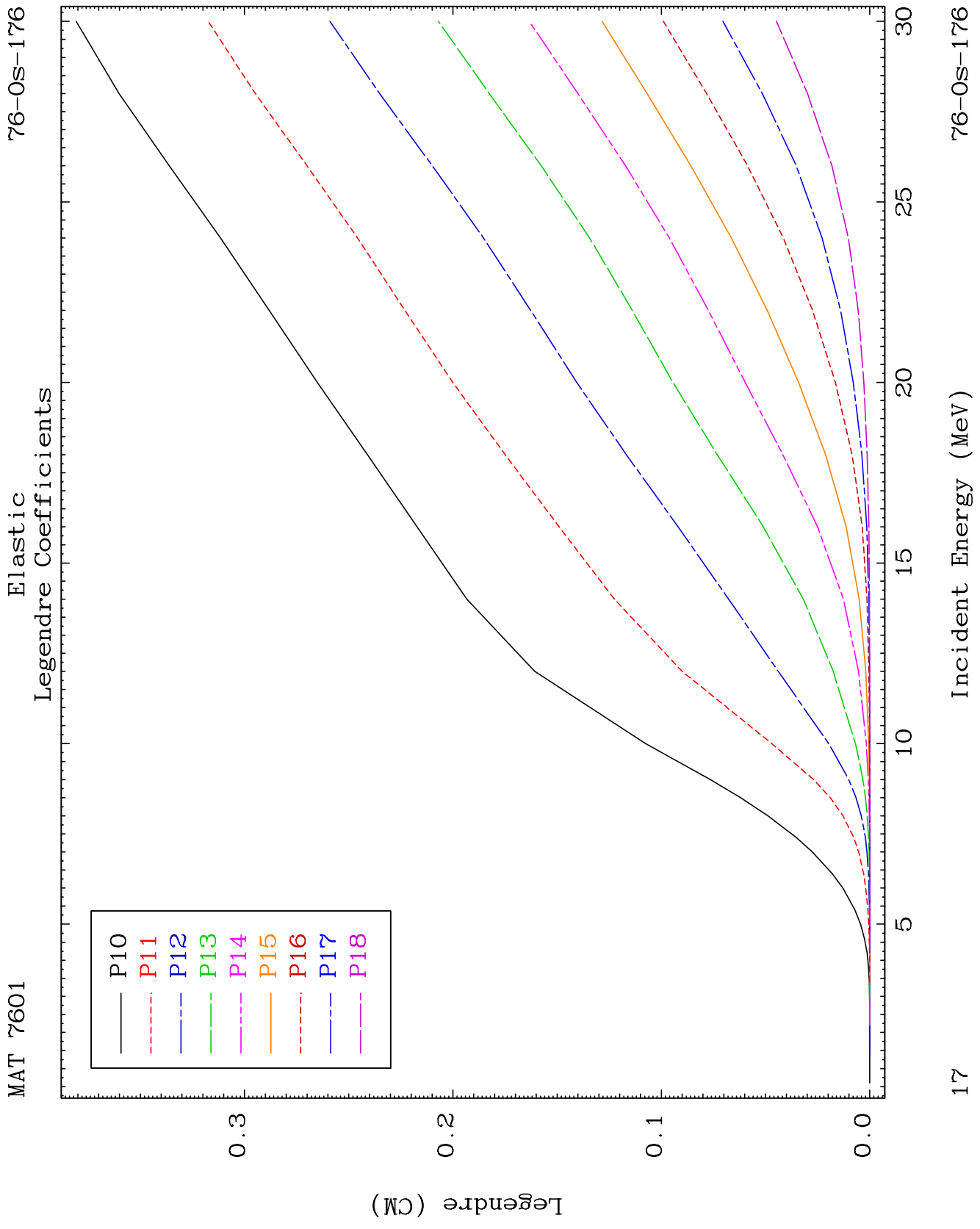
MAT 7601

(n,α) Levels  
293 Kelvin Cross Sections

76-Os-176



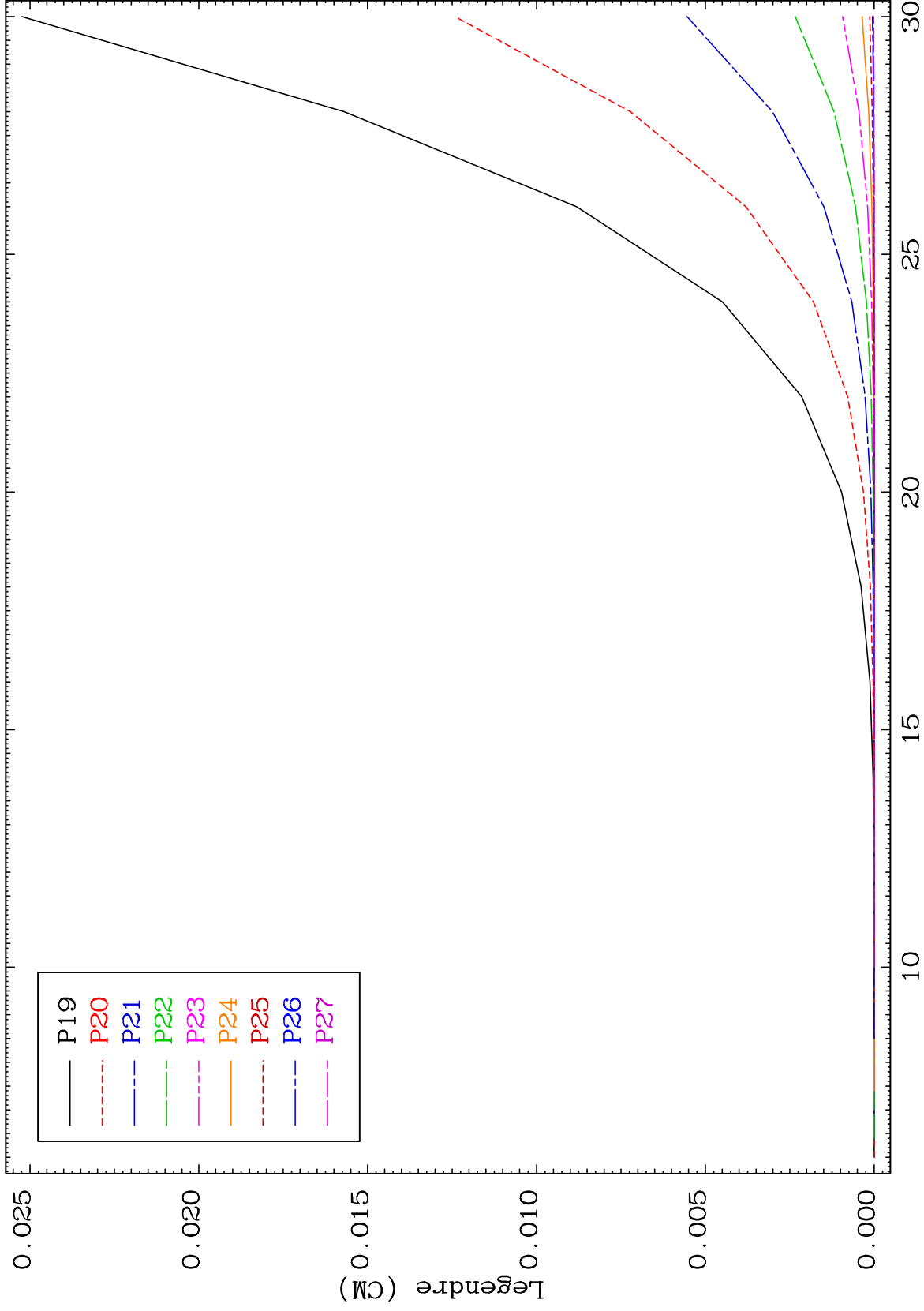




MAT 7601

Elastic Legendre Coefficients

76-Os-176



18

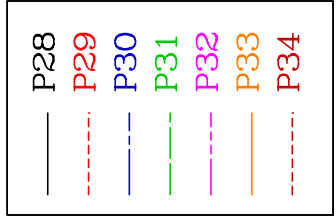
Incident Energy (MeV)

76-Os-176

MAT 7601

Elastic  
Legendre Coefficients

76-Os-176



$\times 10^{-6}$

Legendre (CM)

5

4

3

2

1

0

15

20

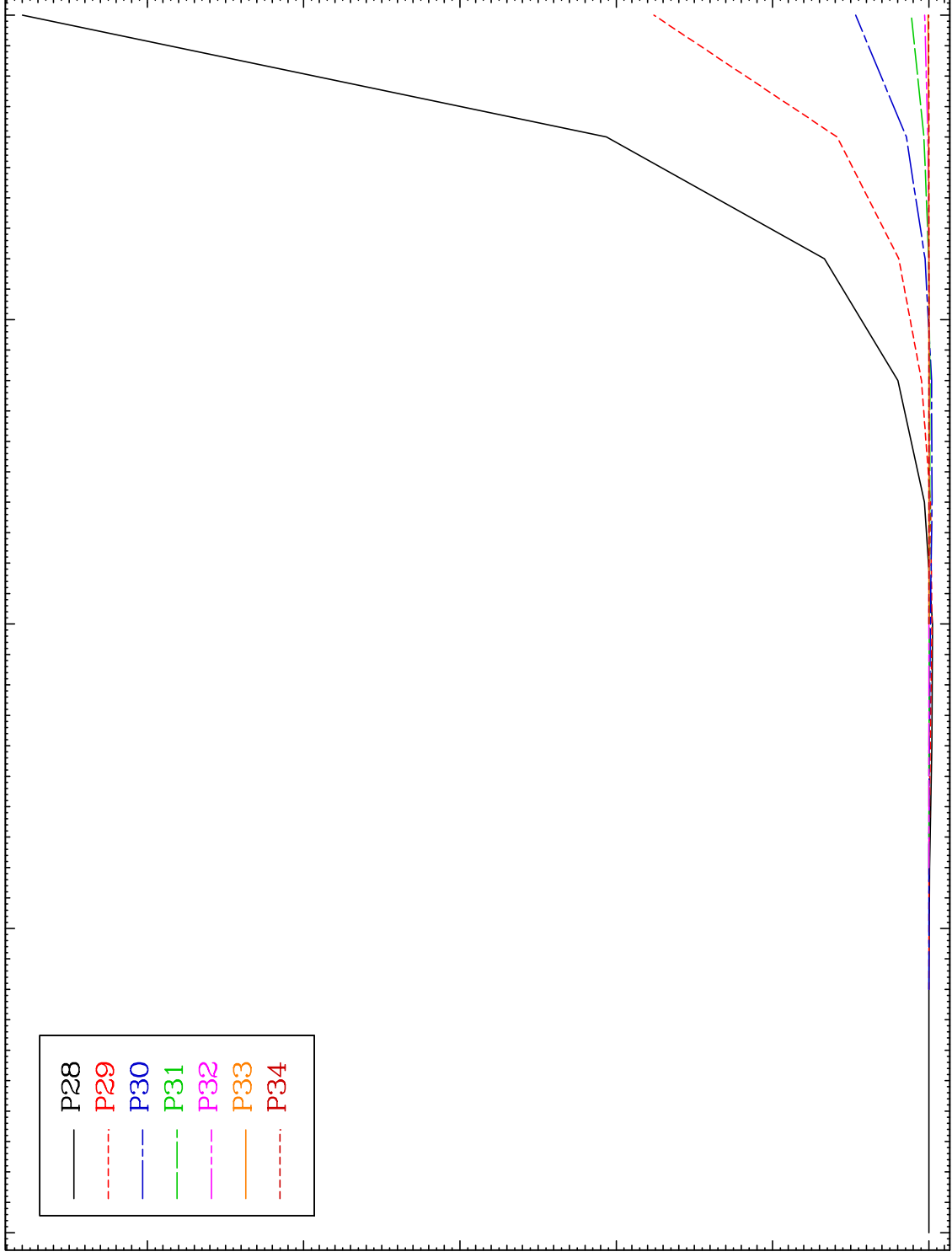
25

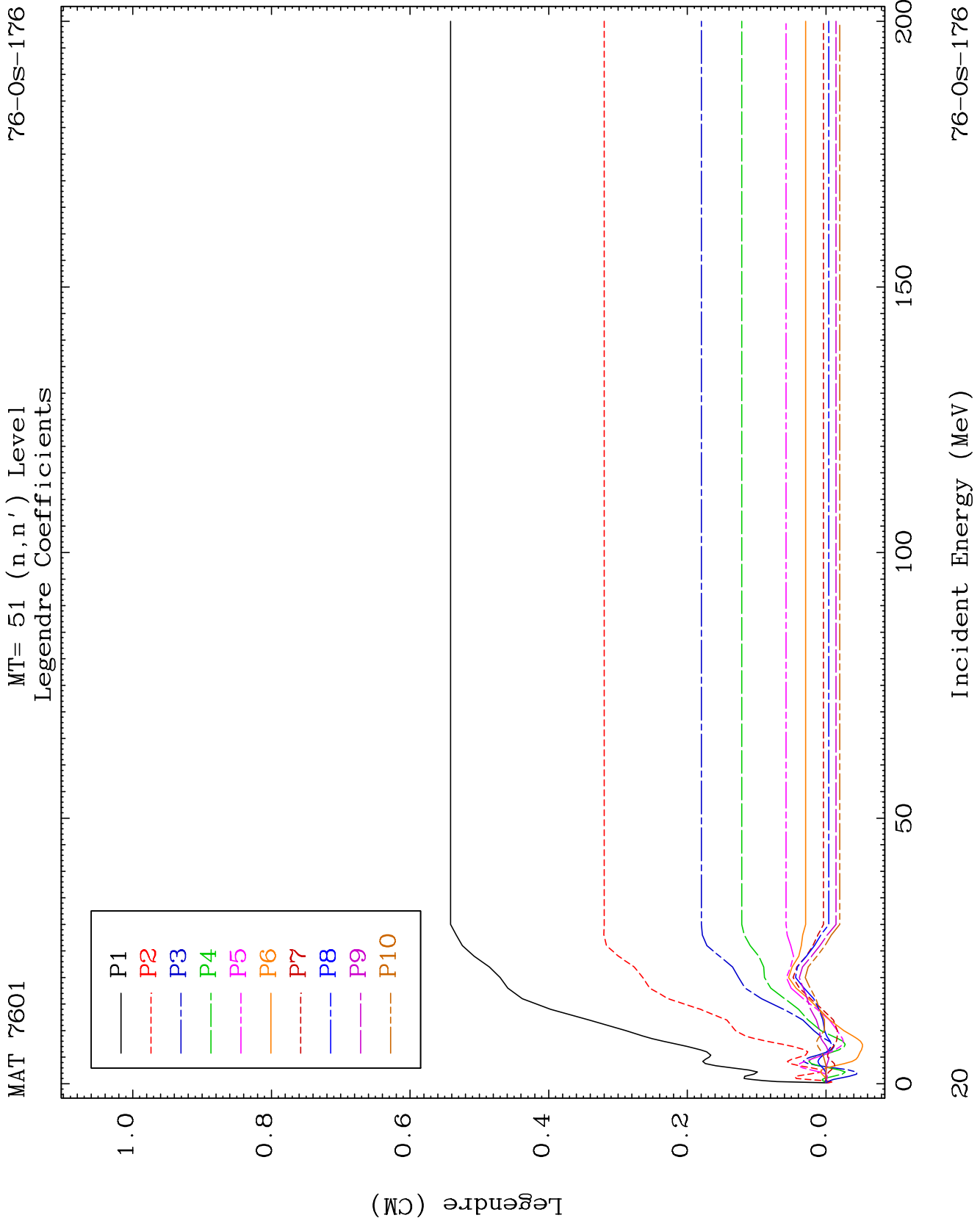
30

10

Incident Energy (MeV)

76-Os-176

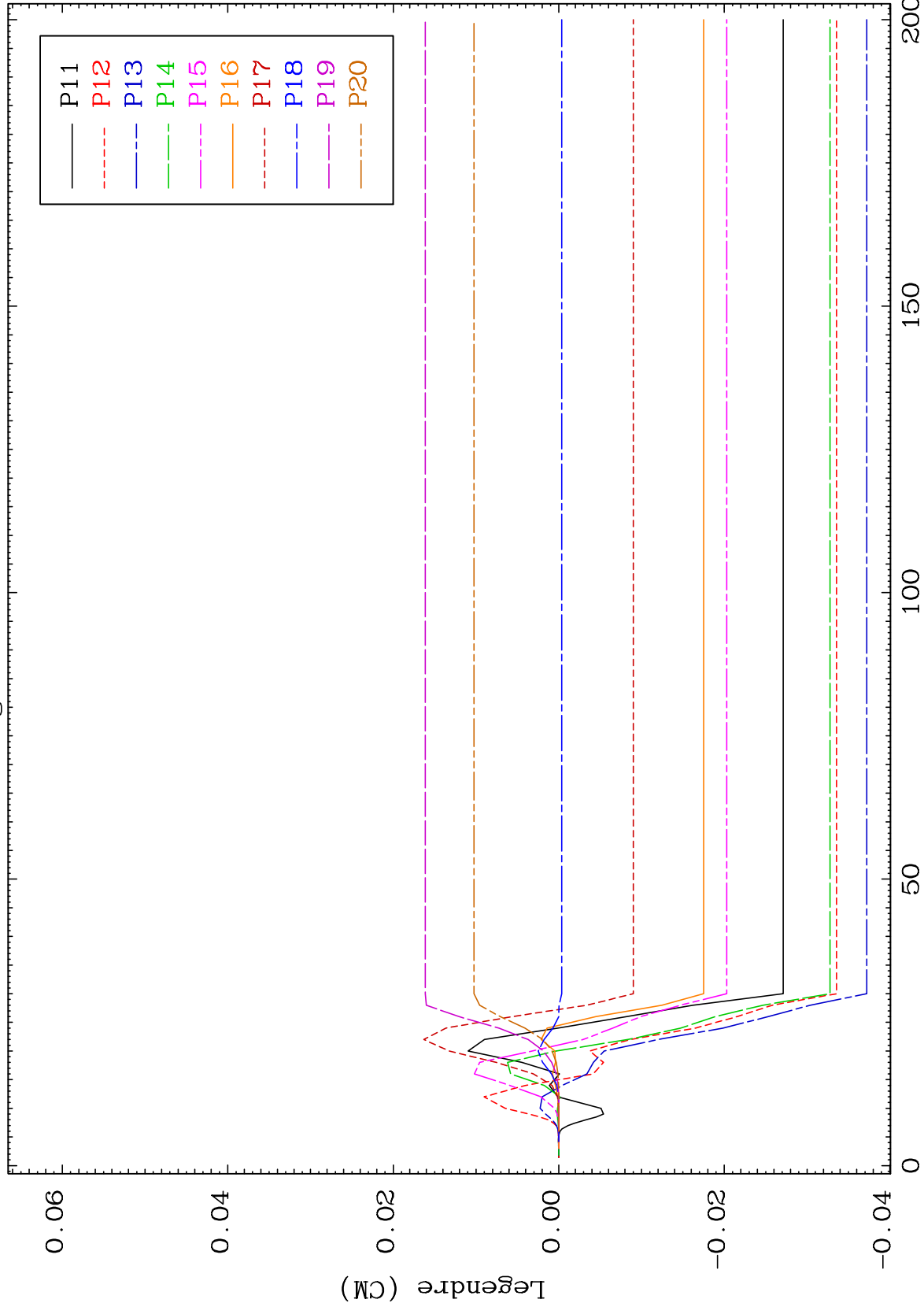




MAT 7601

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

76-Os-176



21

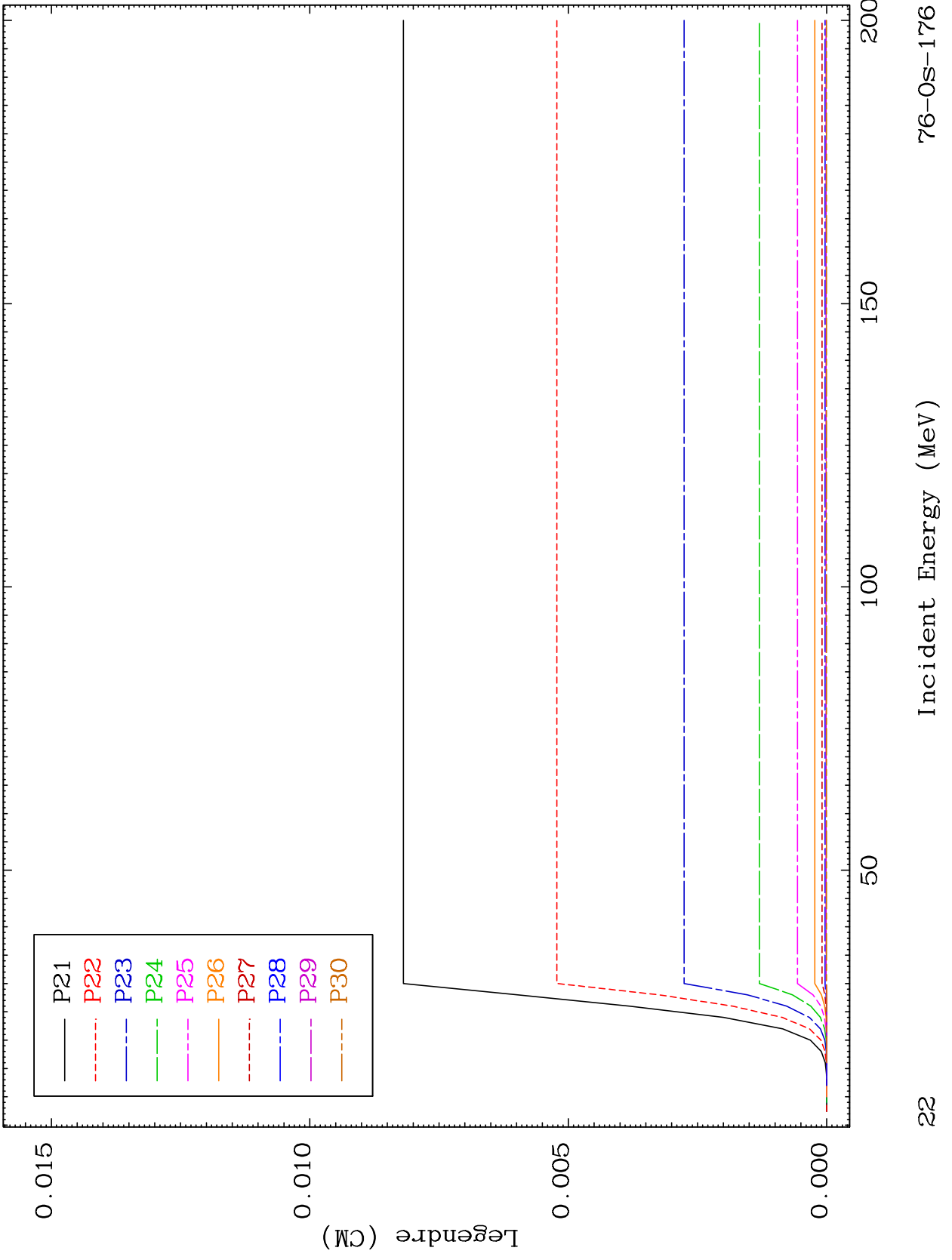
Incident Energy (MeV)

76-Os-176

MAT 7601

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

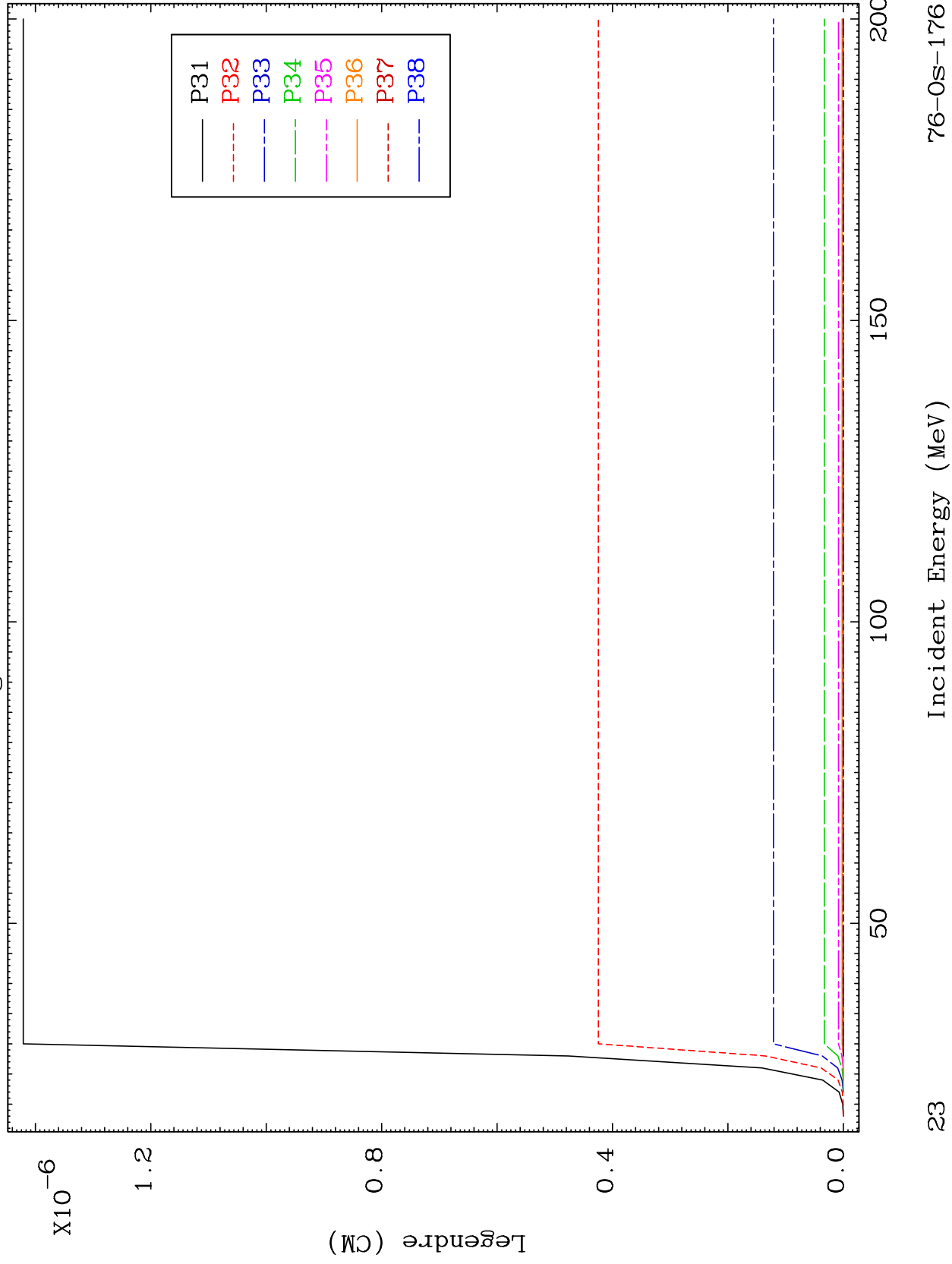
76-Os-176



MAT 7601

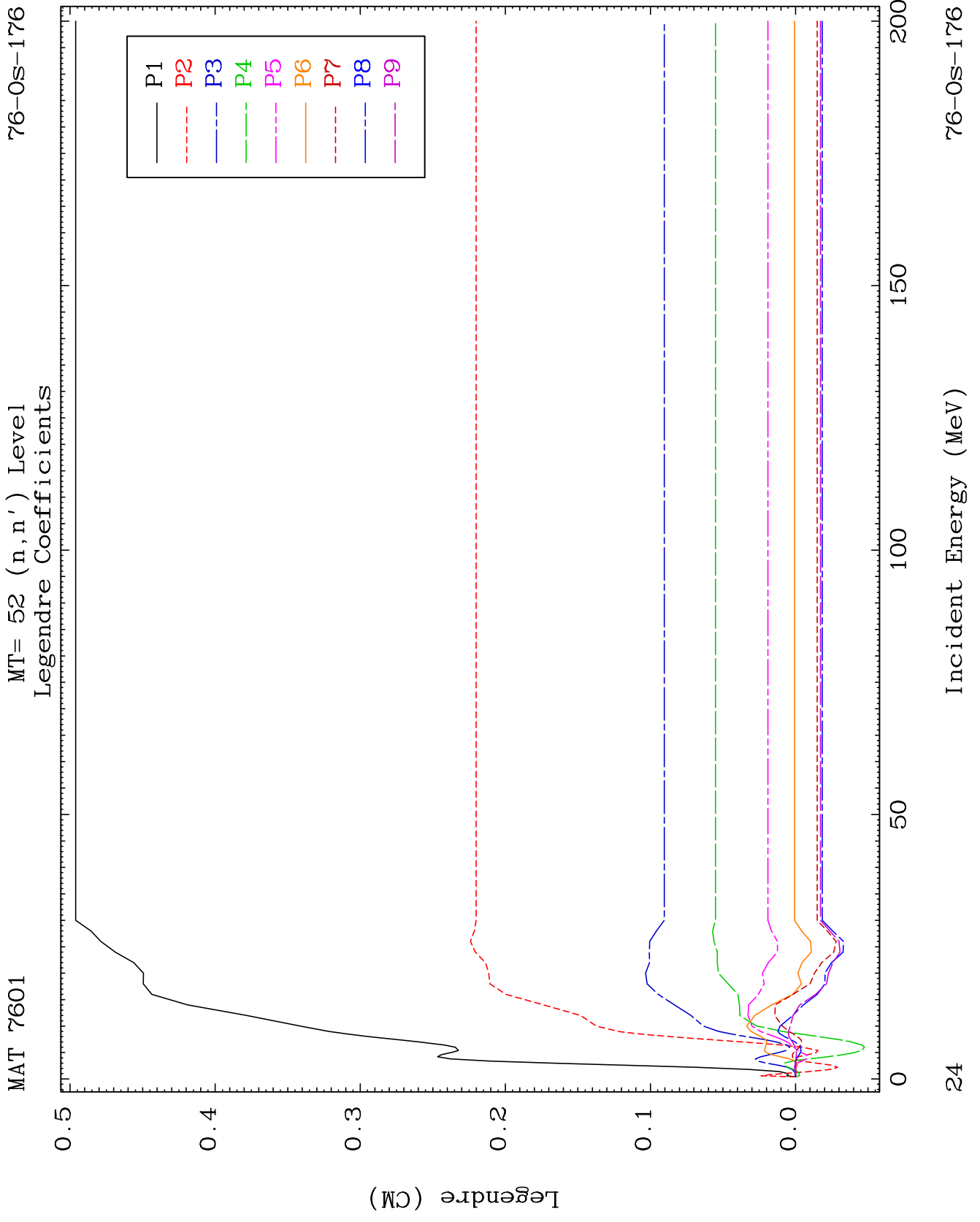
MT= 51 (n,n') Level  
Legendre Coefficients

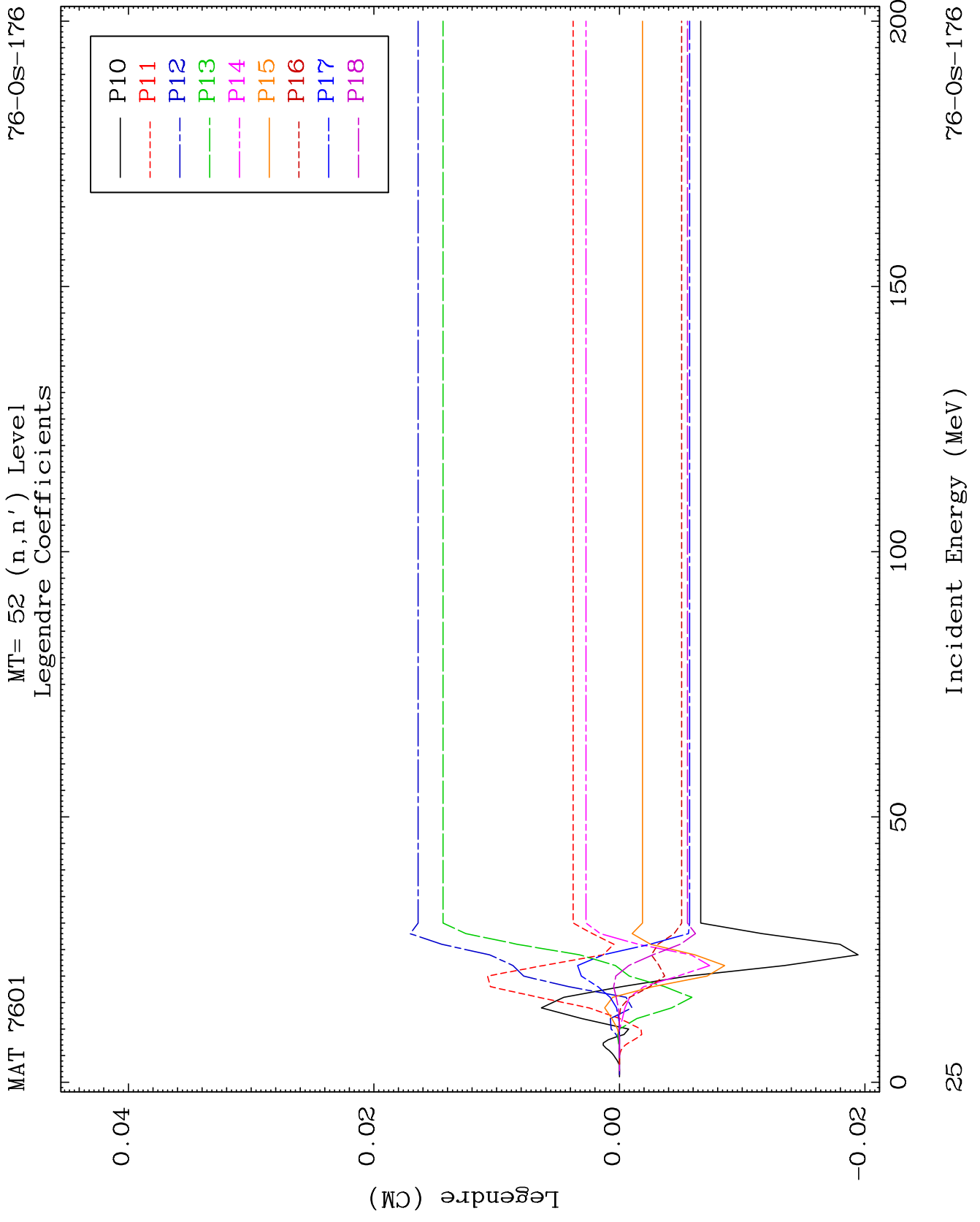
76-Os-176



23

76-Os-176

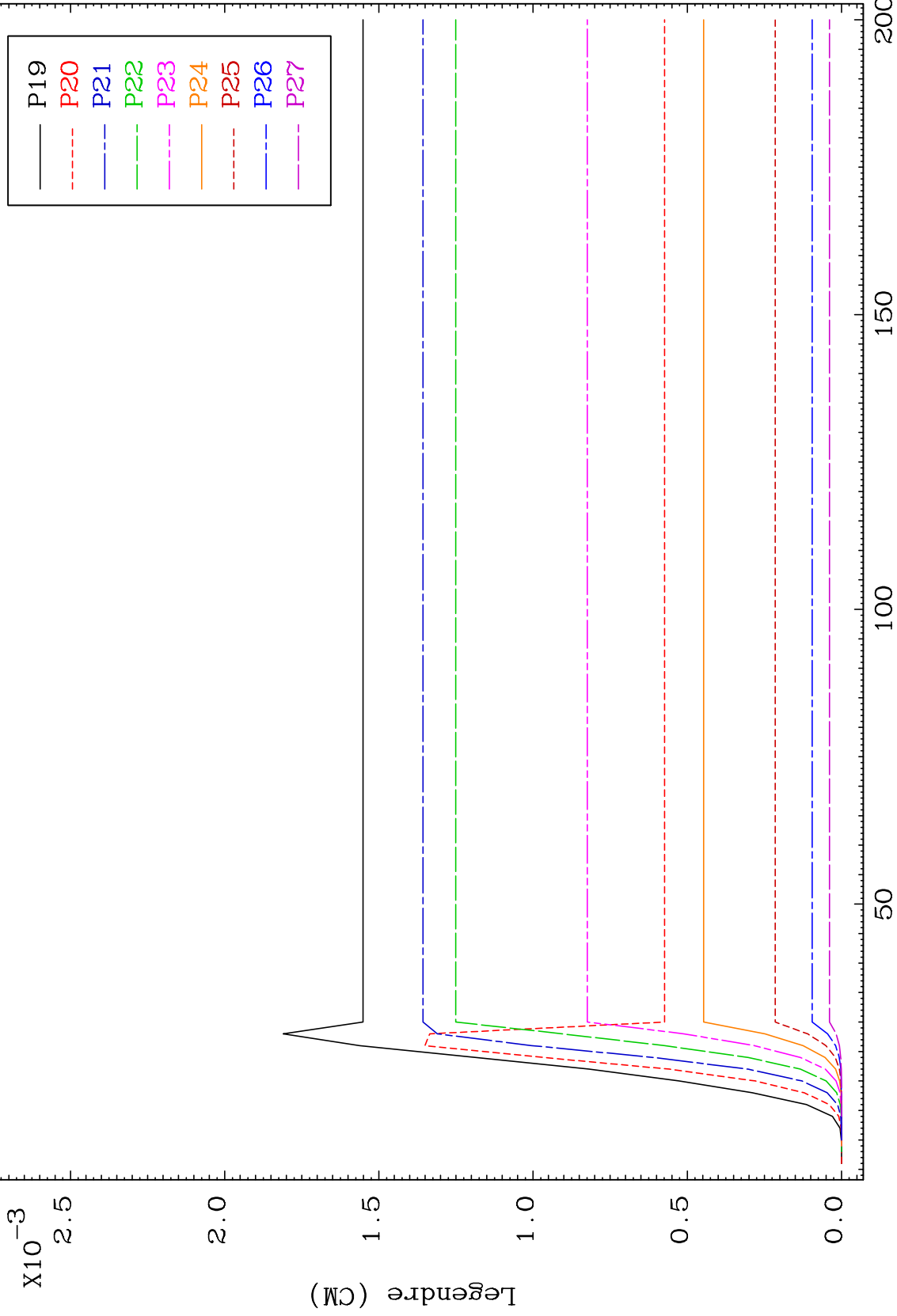




MAT 7601

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

76-Os-176



26

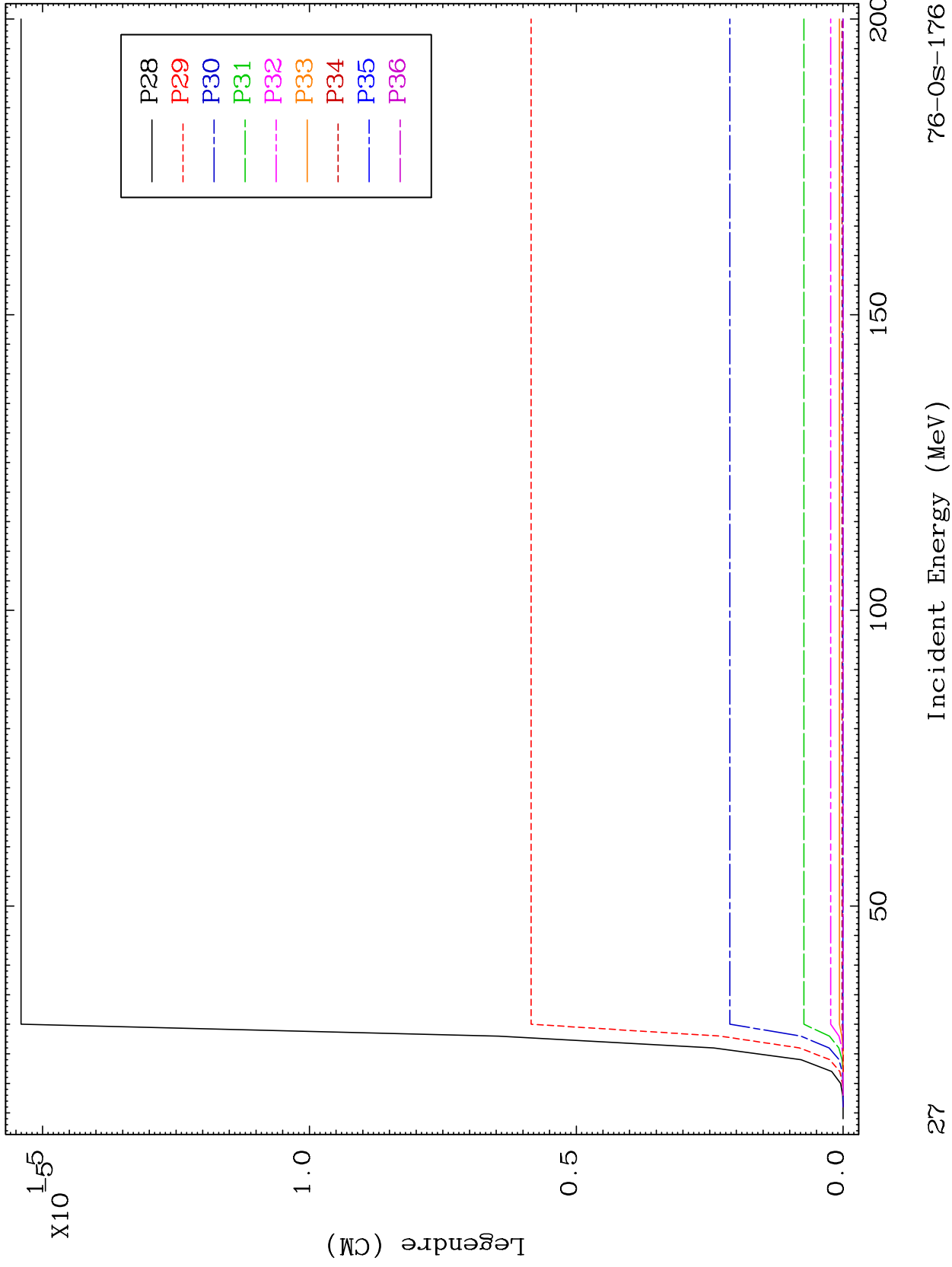
Incident Energy (MeV)

76-Os-176

MAT 7601

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

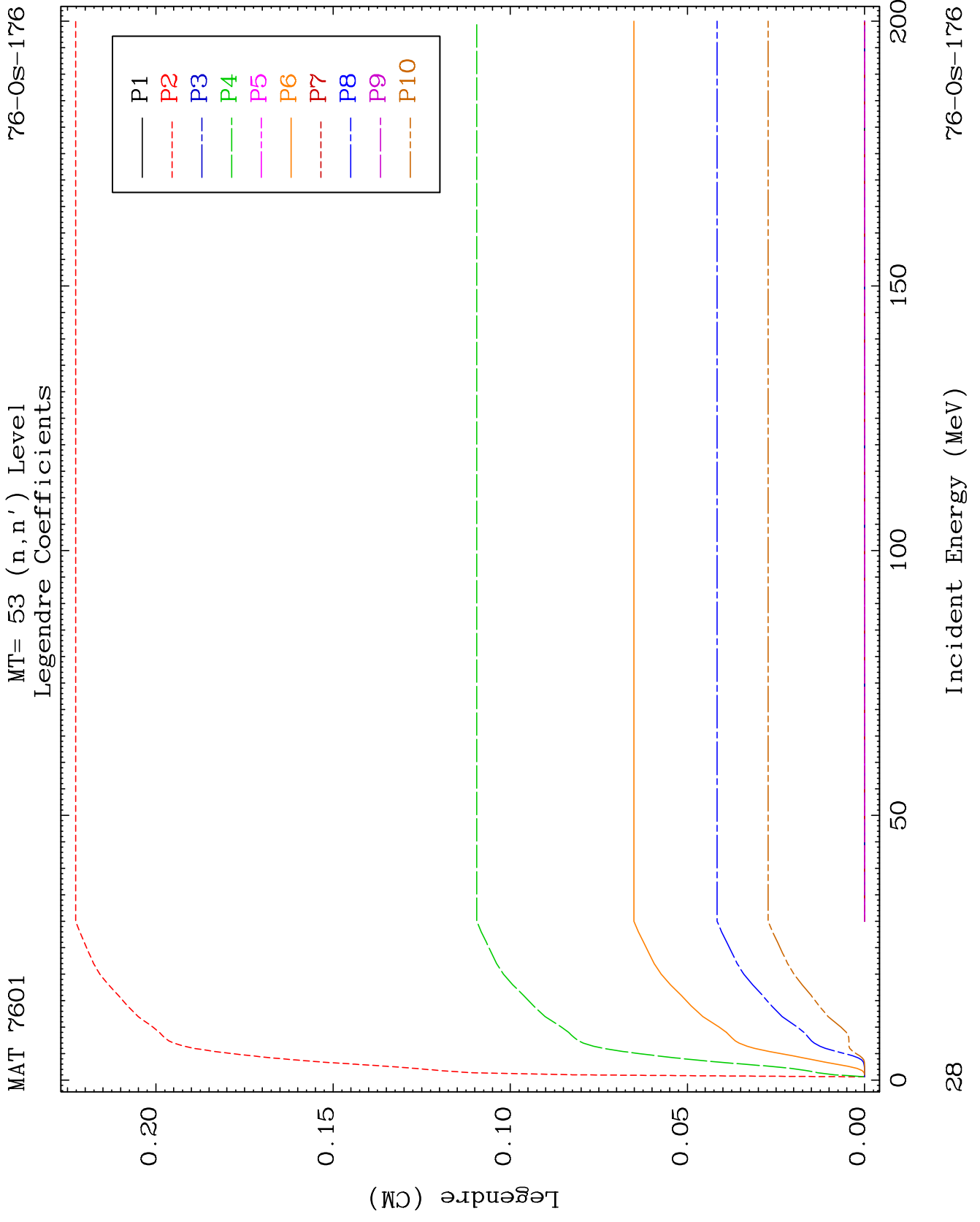
76-Os-176



27

Incident Energy (MeV)

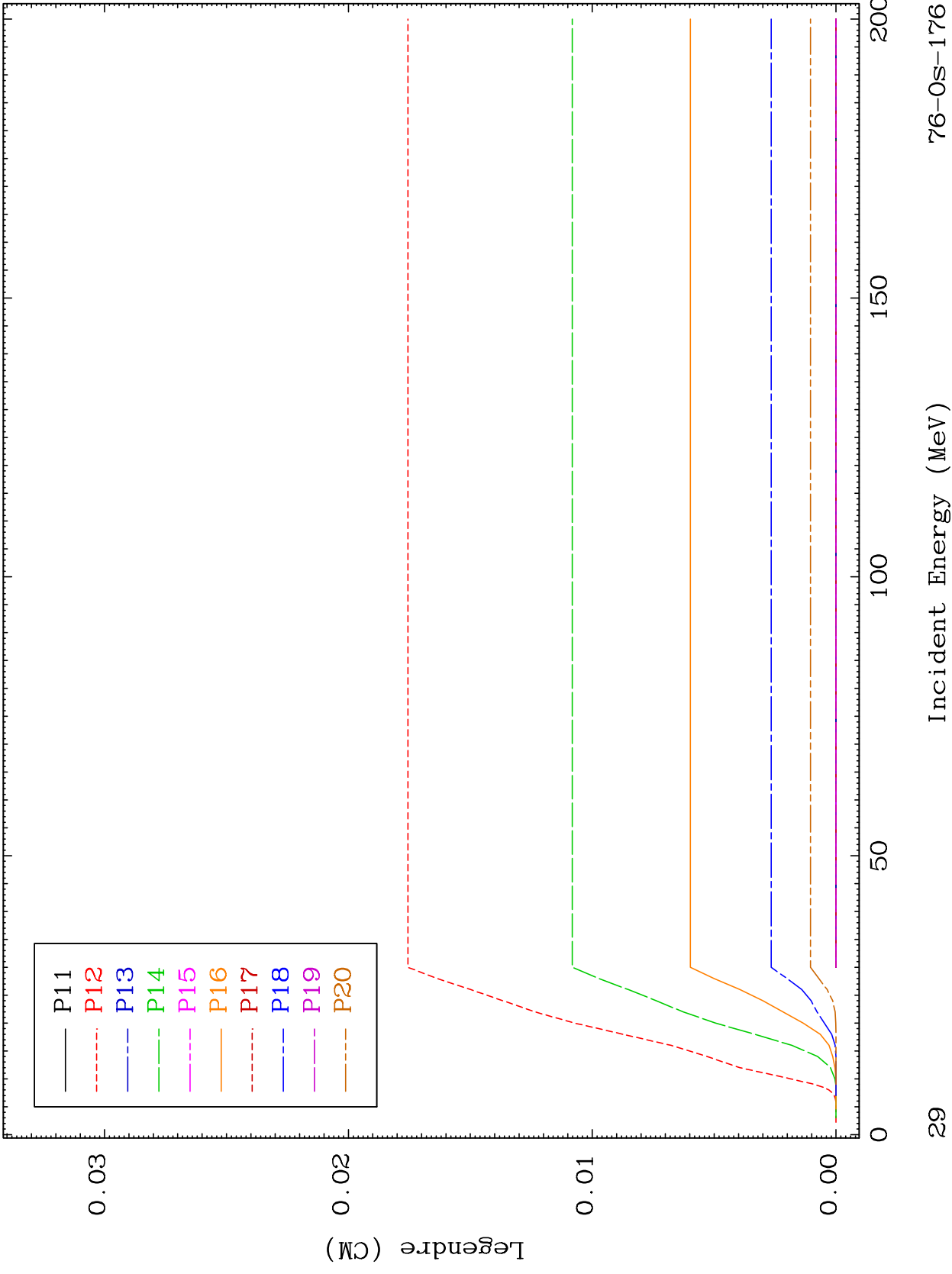
76-Os-176



MAT 7601

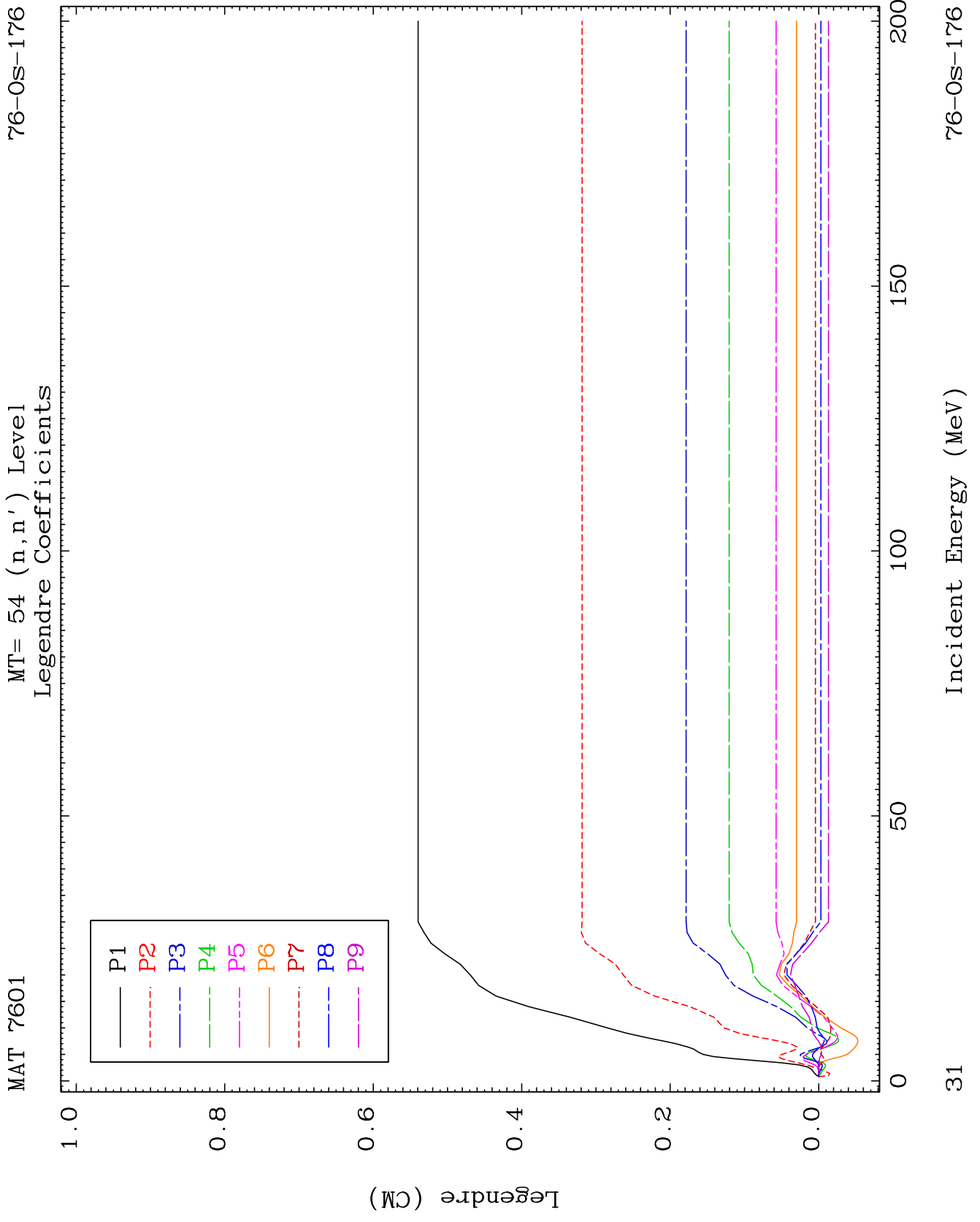
MT= 53 (n,n') Level  
Legendre Coefficients

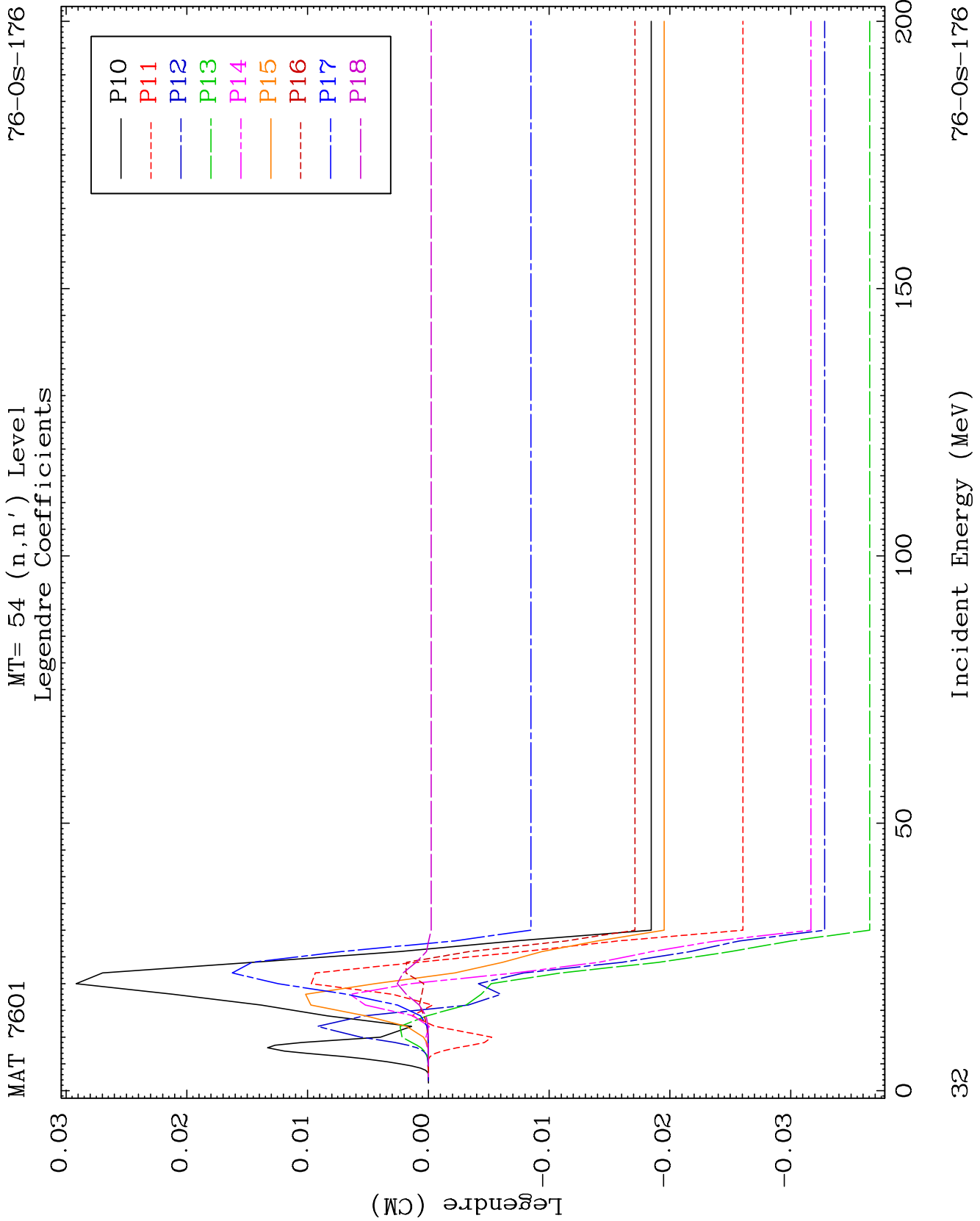
76-Os-176

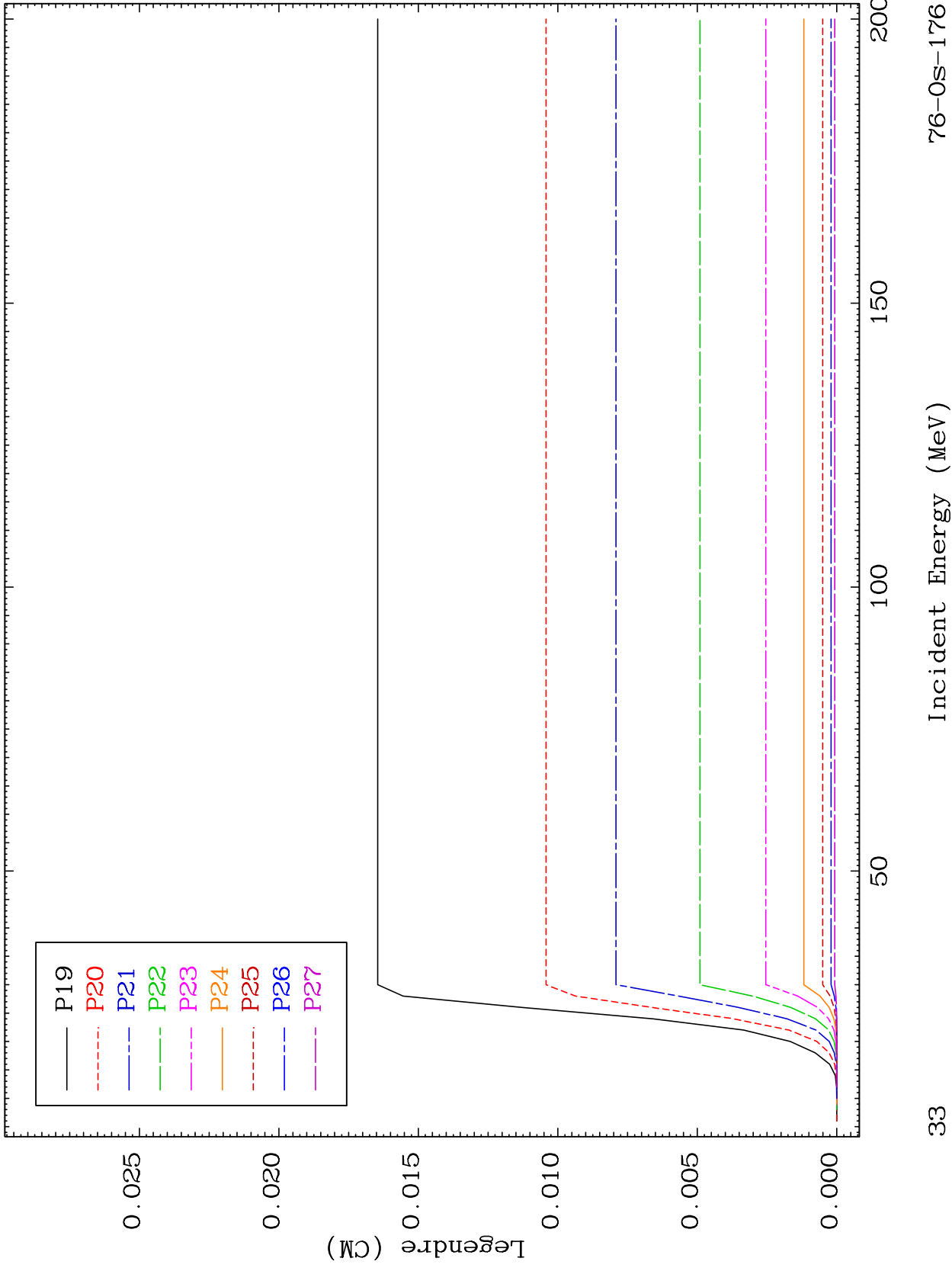


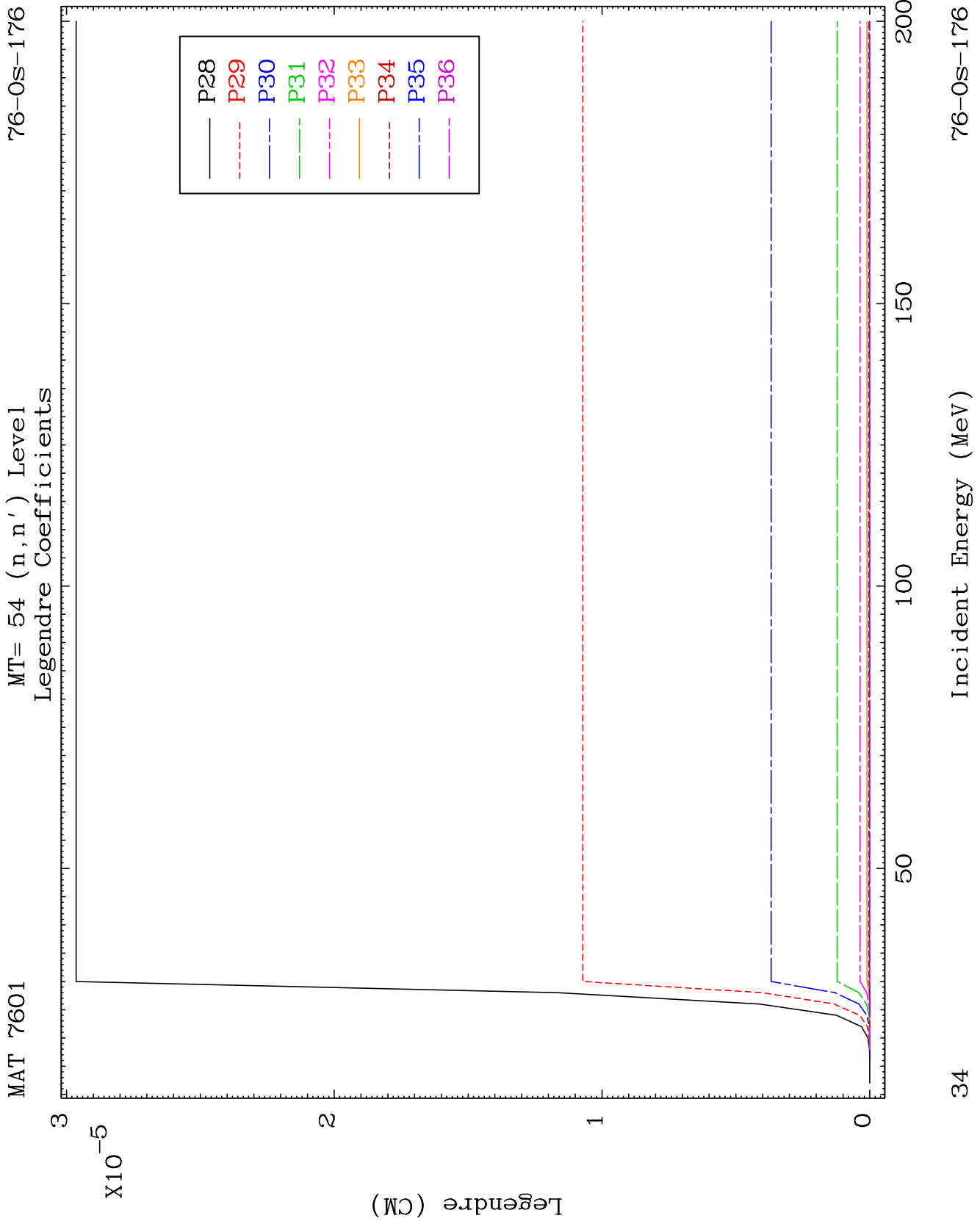
29







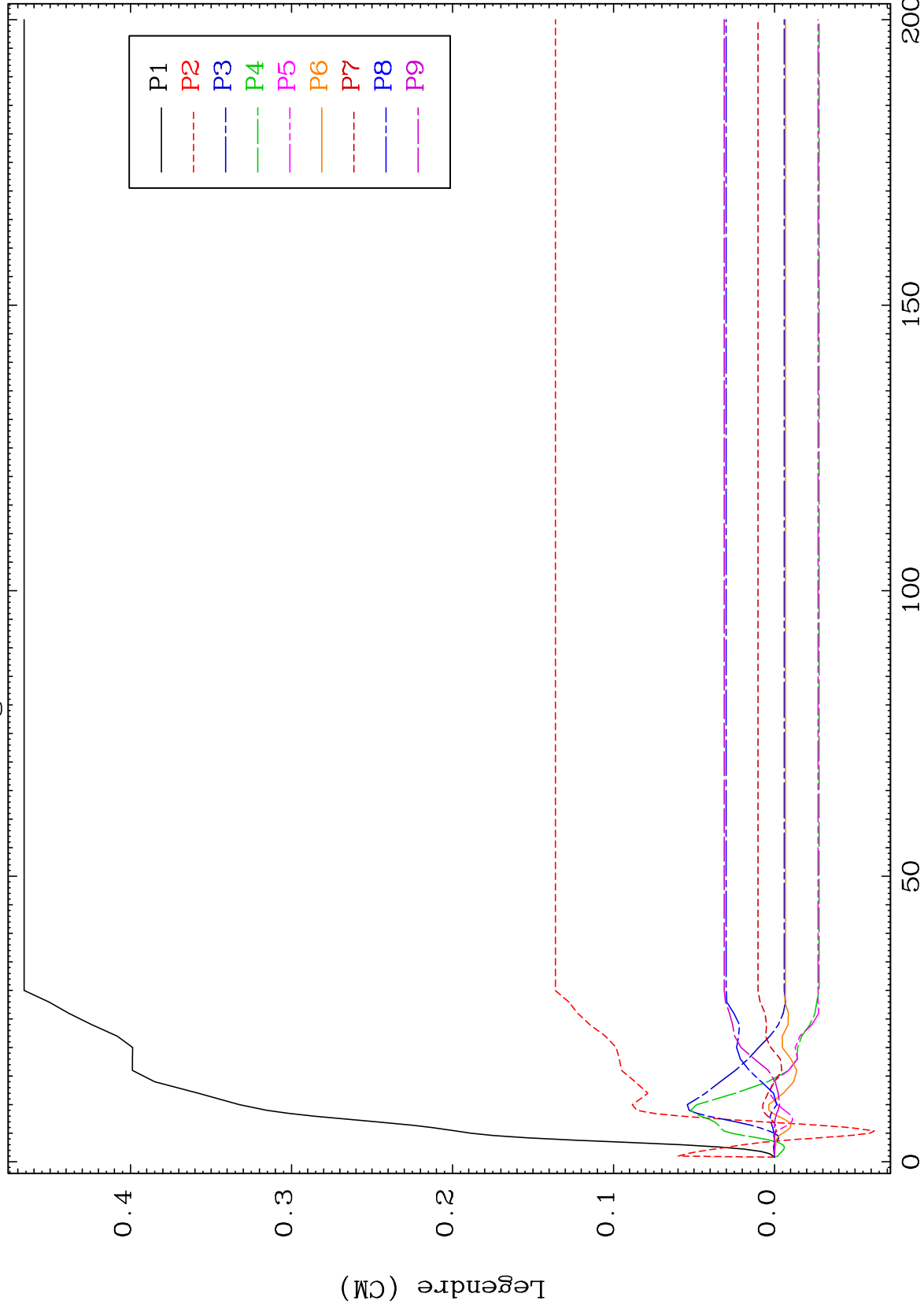




MAT 7601

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

76-Os-176



76-Os-176

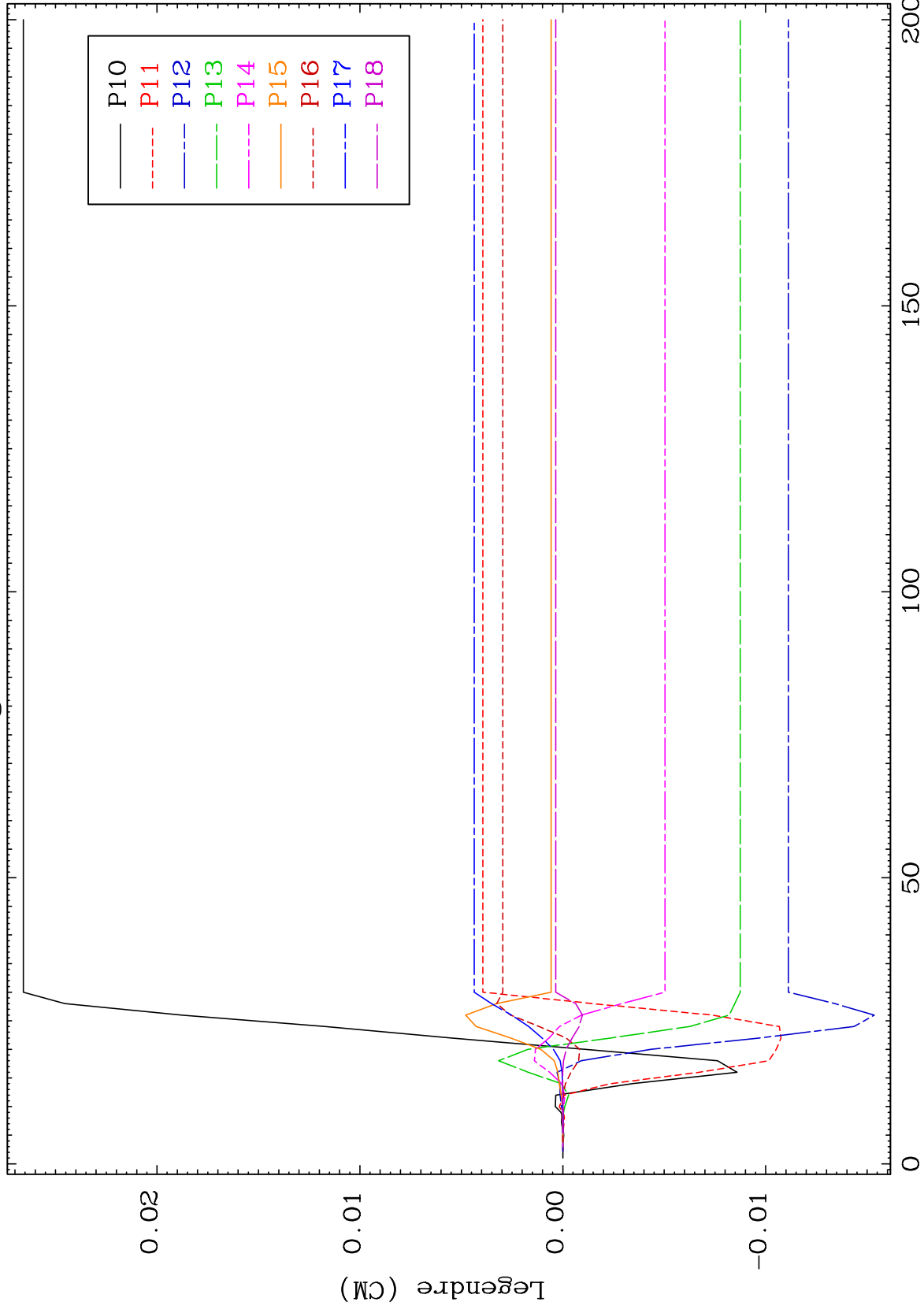
Incident Energy (MeV)

35

MAT 7601

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

76-Os-176



36

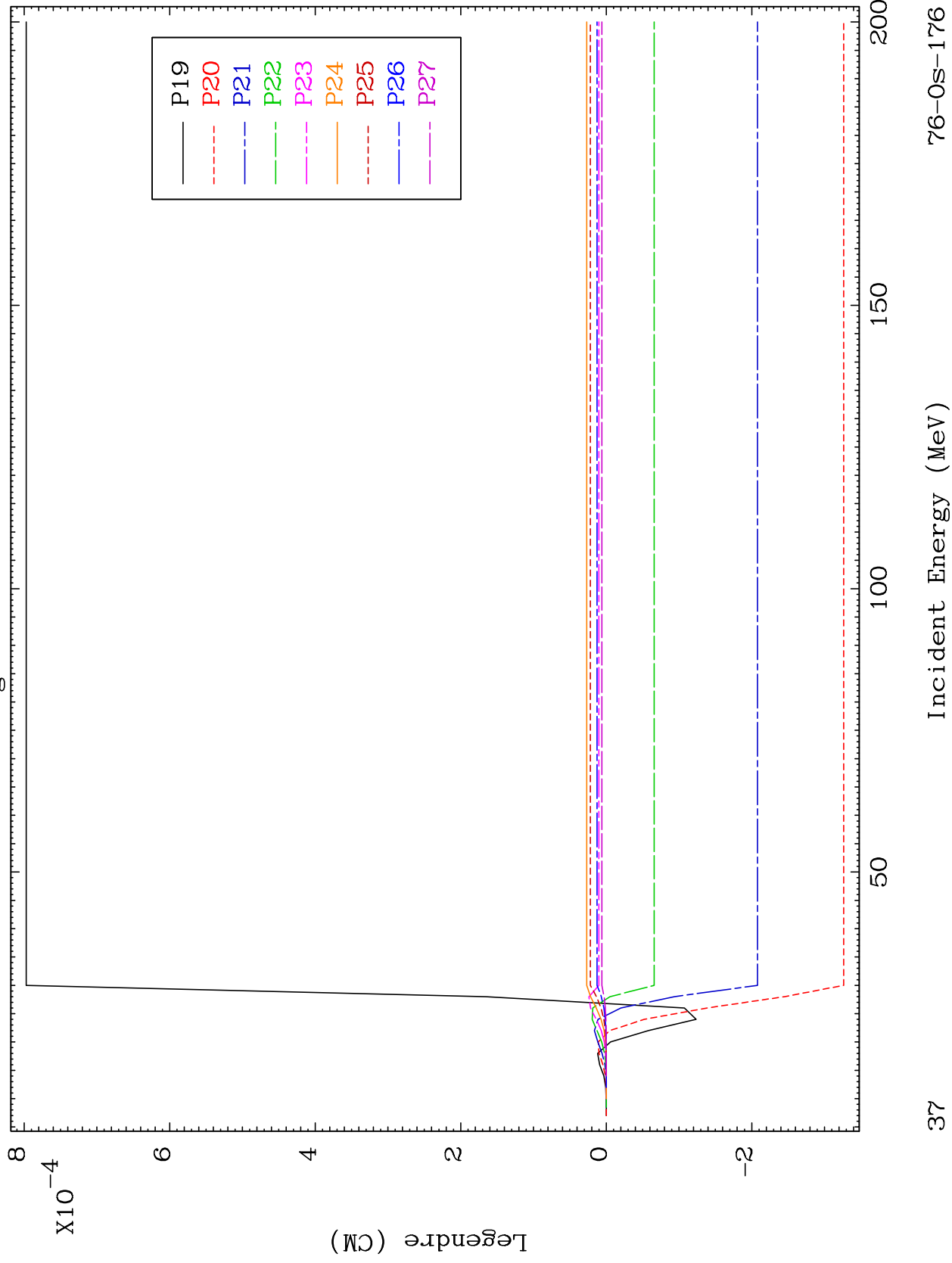
Incident Energy (MeV)

76-Os-176

MAT 7601

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

76-Os-176



37

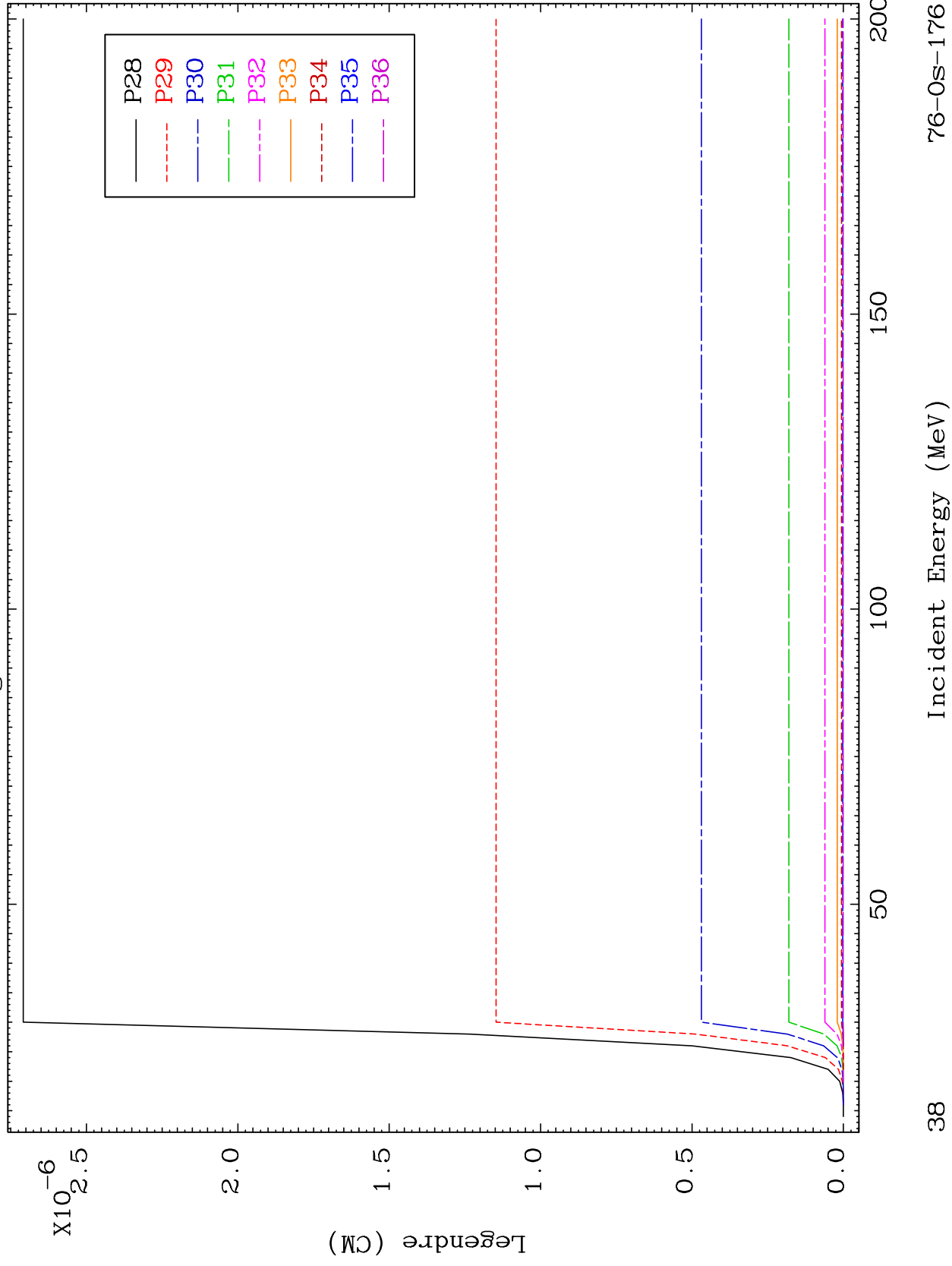
Incident Energy (MeV)

76-Os-176

MAT 7601

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

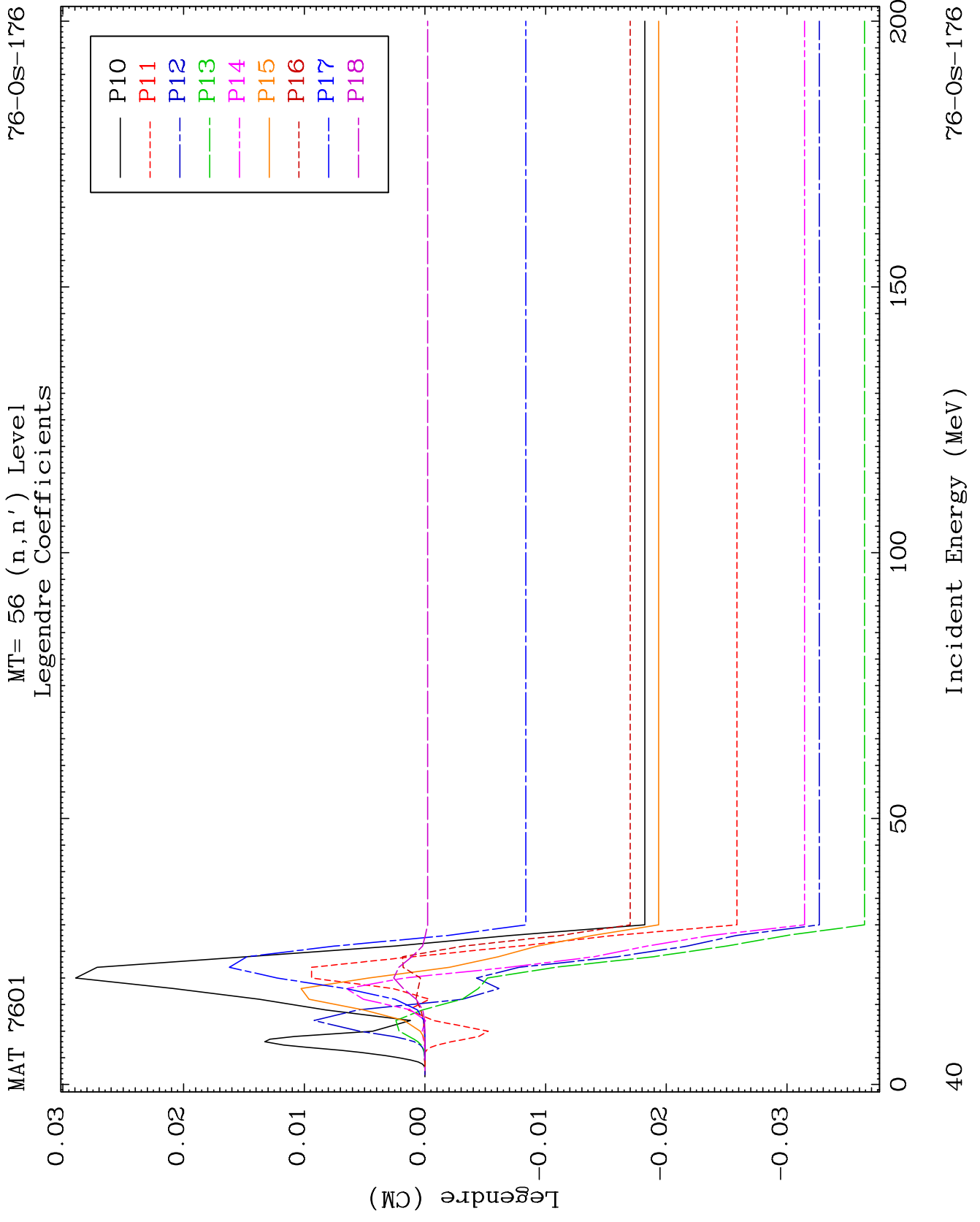
76-Os-176



38

76-Os-176

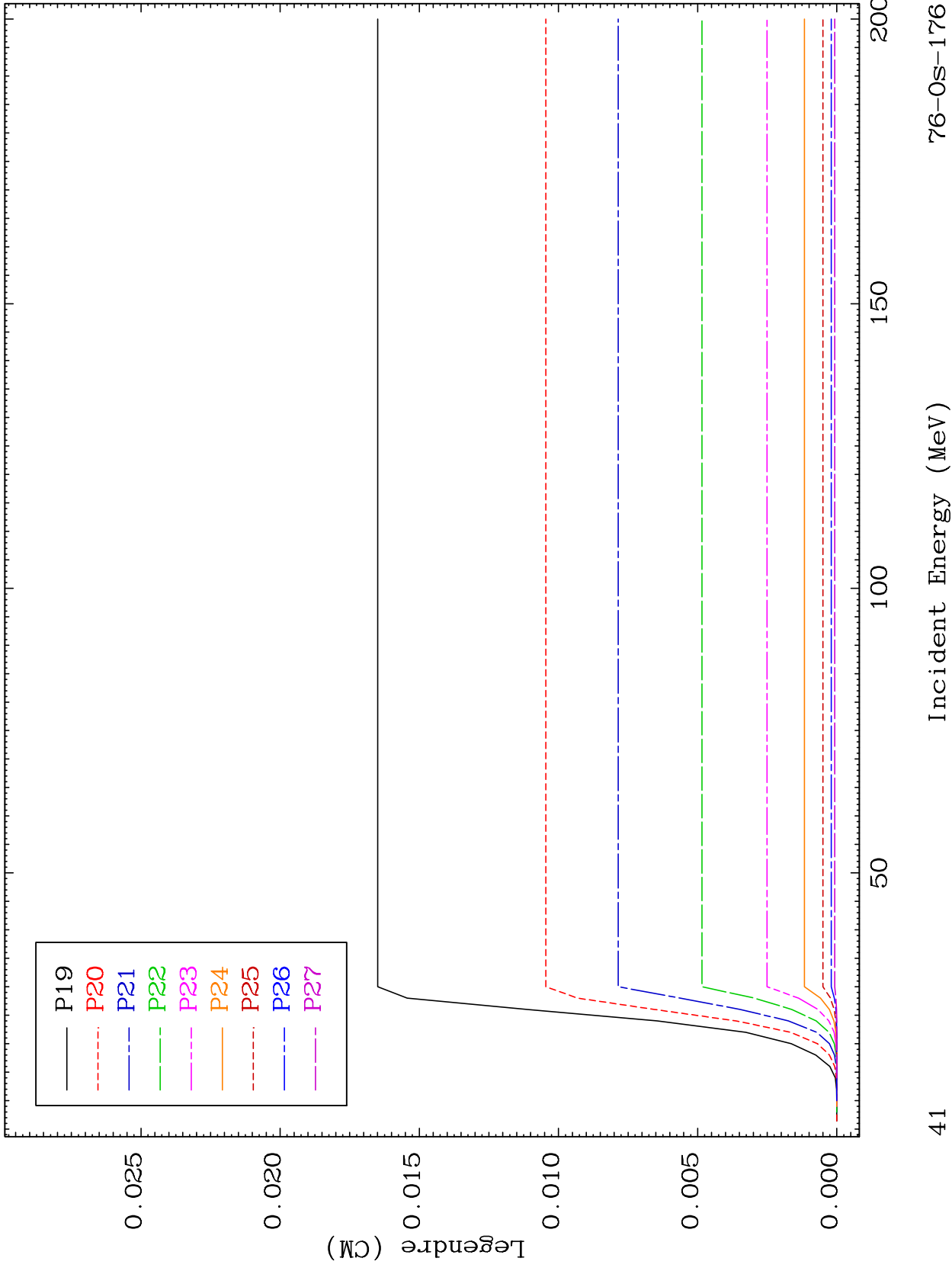




MAT 7601

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

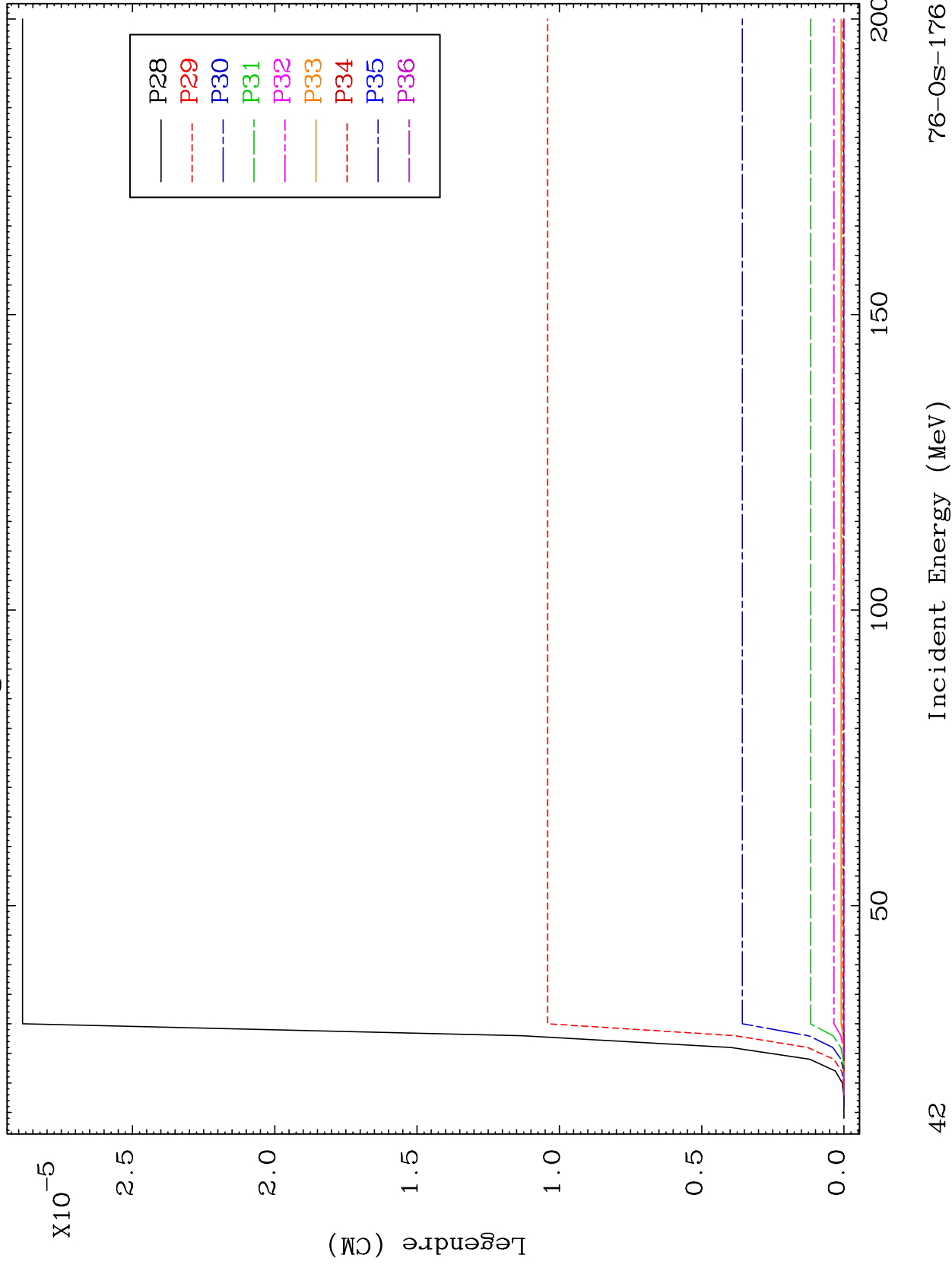
76-Os-176



MAT 7601

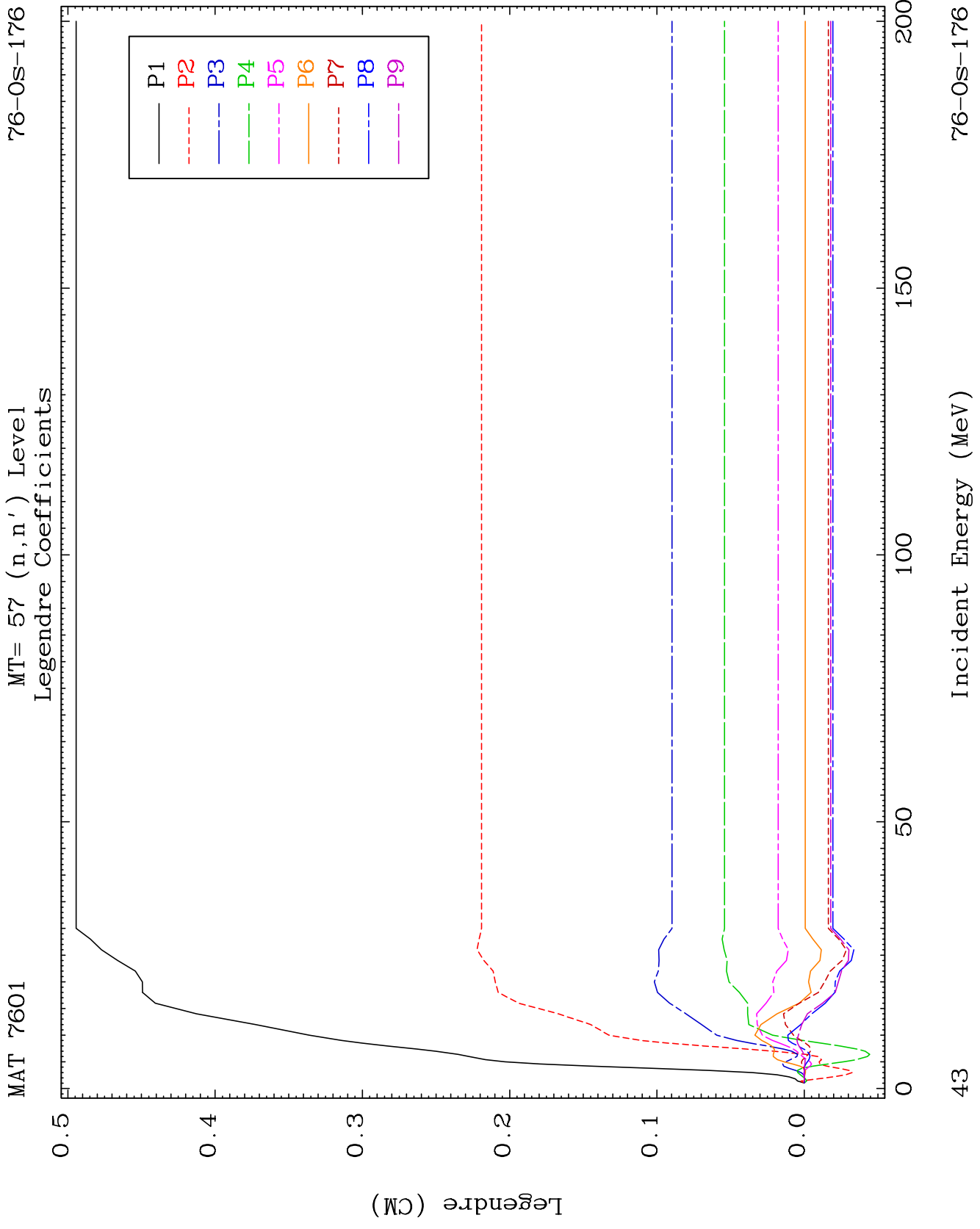
MT= 56 (n,n') Level  
Legendre Coefficients

76-Os-176



42

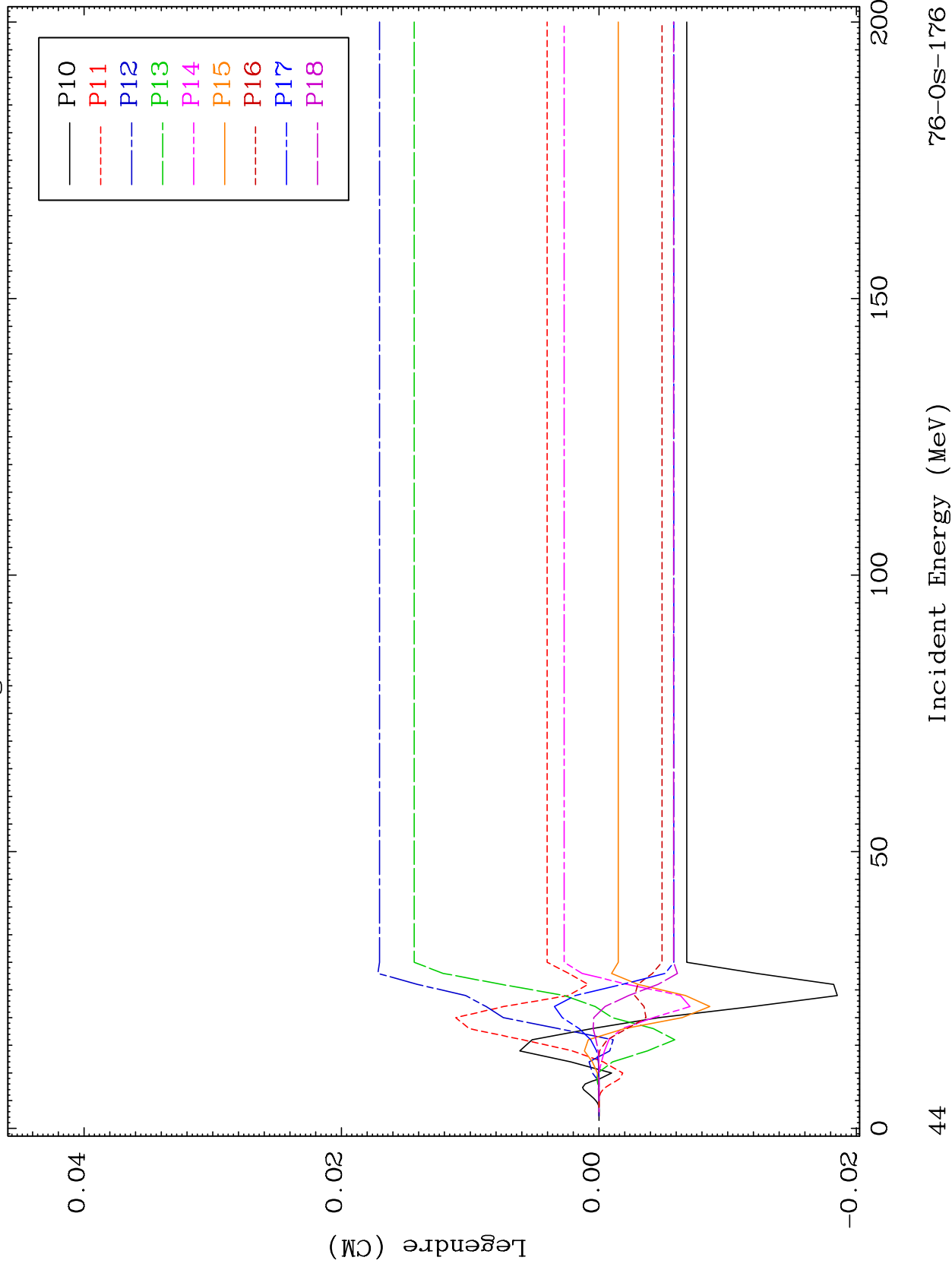
76-Os-176



MAT 7601

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

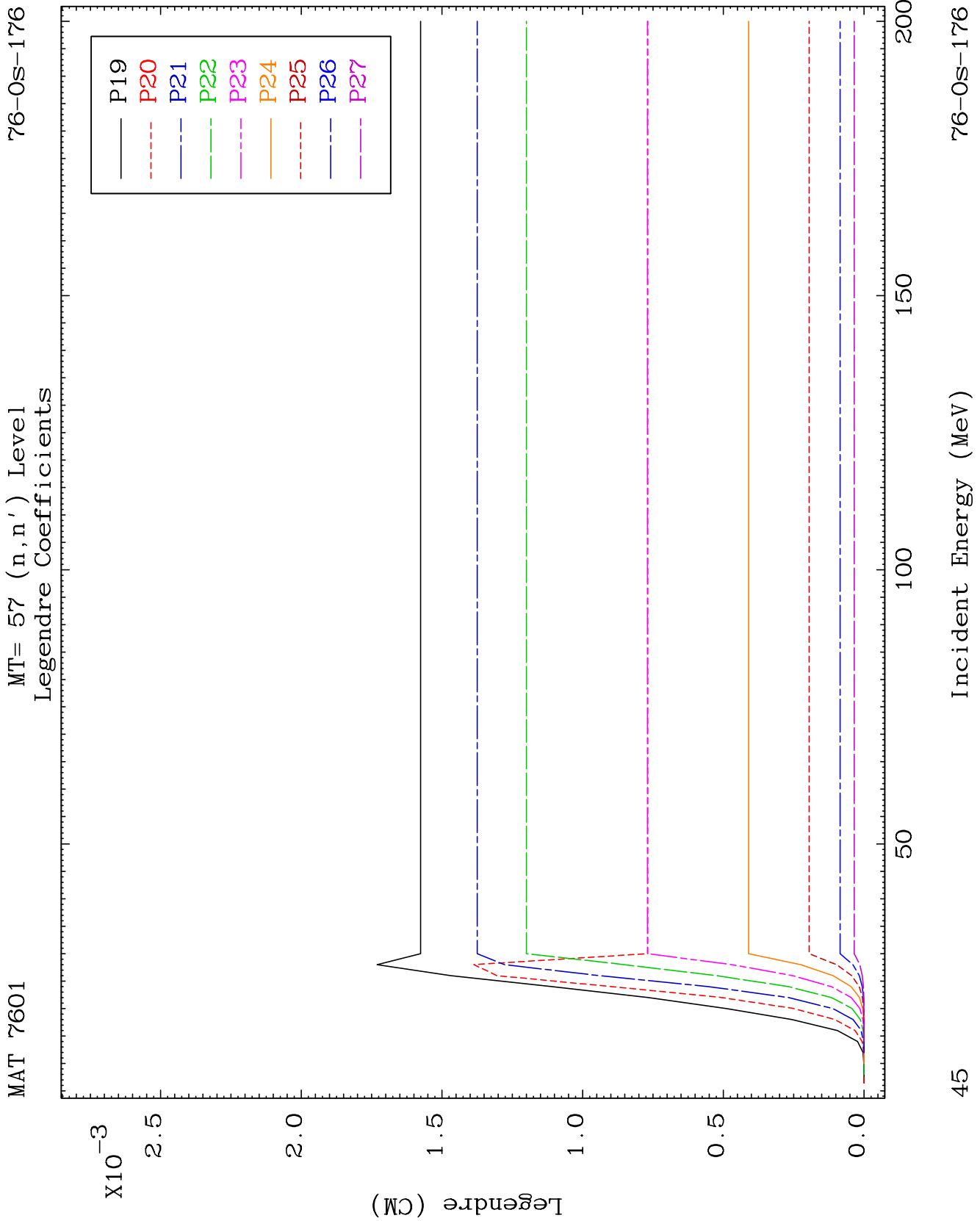
76-Os-176

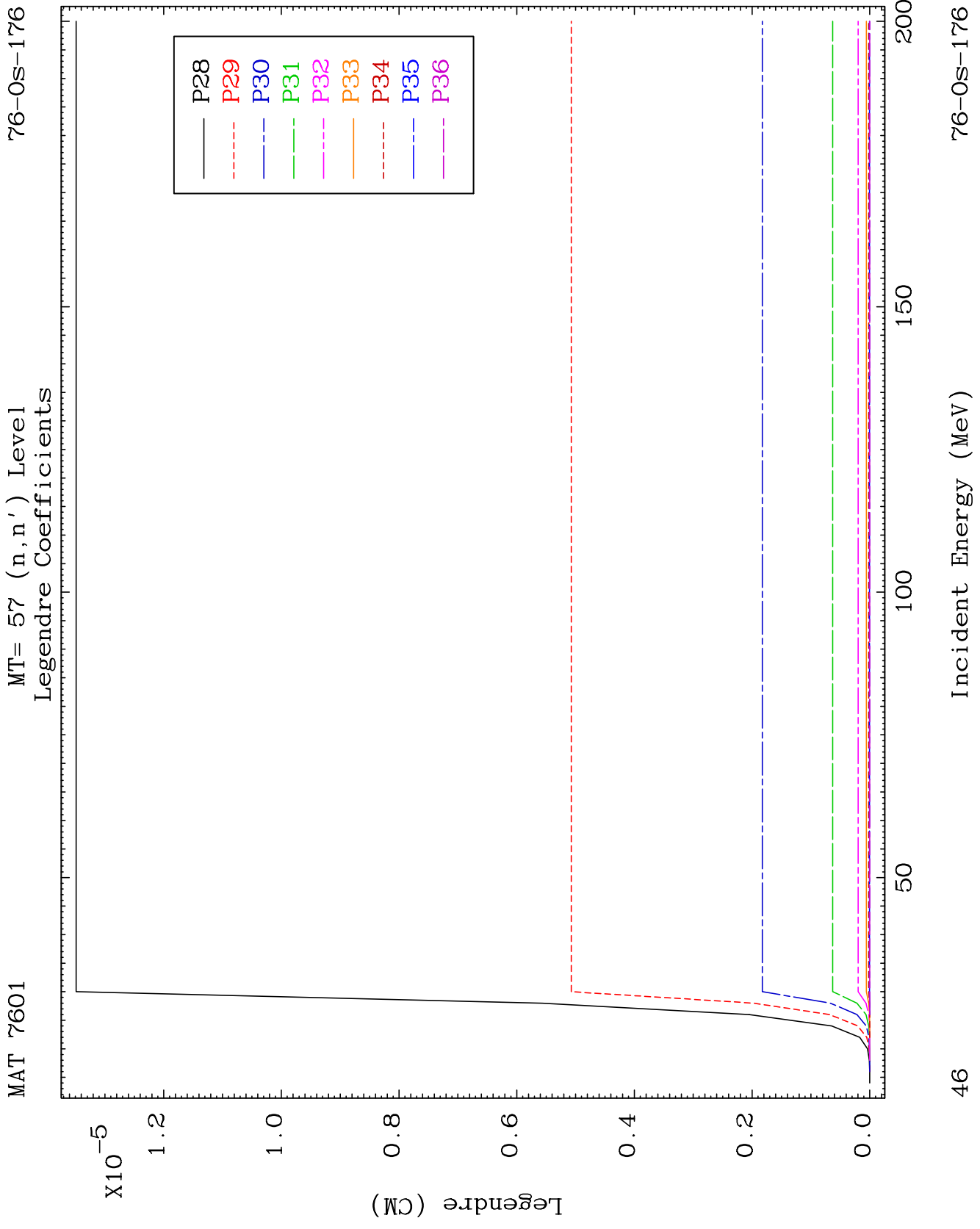


76-Os-176

Incident Energy (MeV)

44



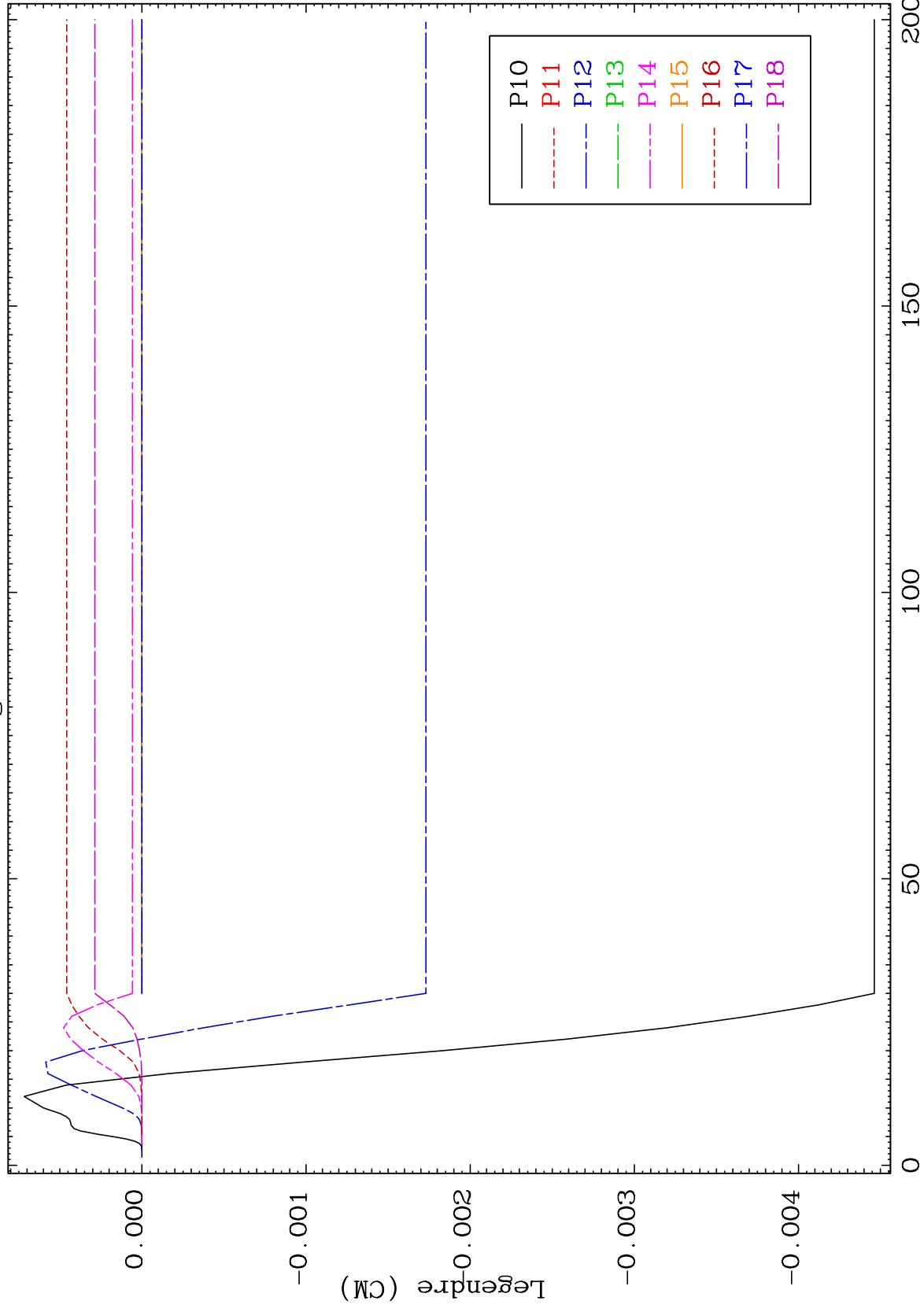




MAT 7601

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

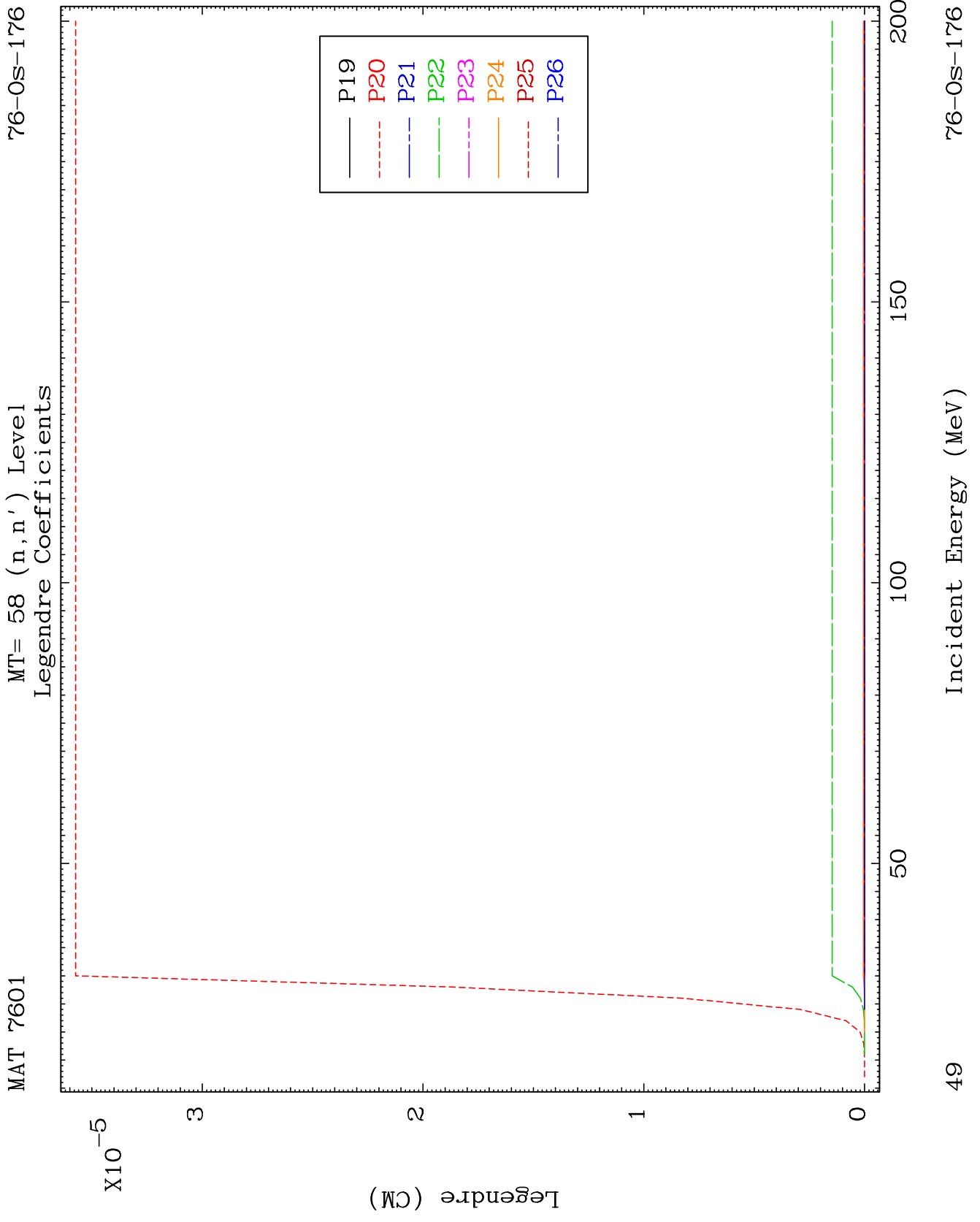
76-Os-176



48

Incident Energy (MeV)

76-Os-176

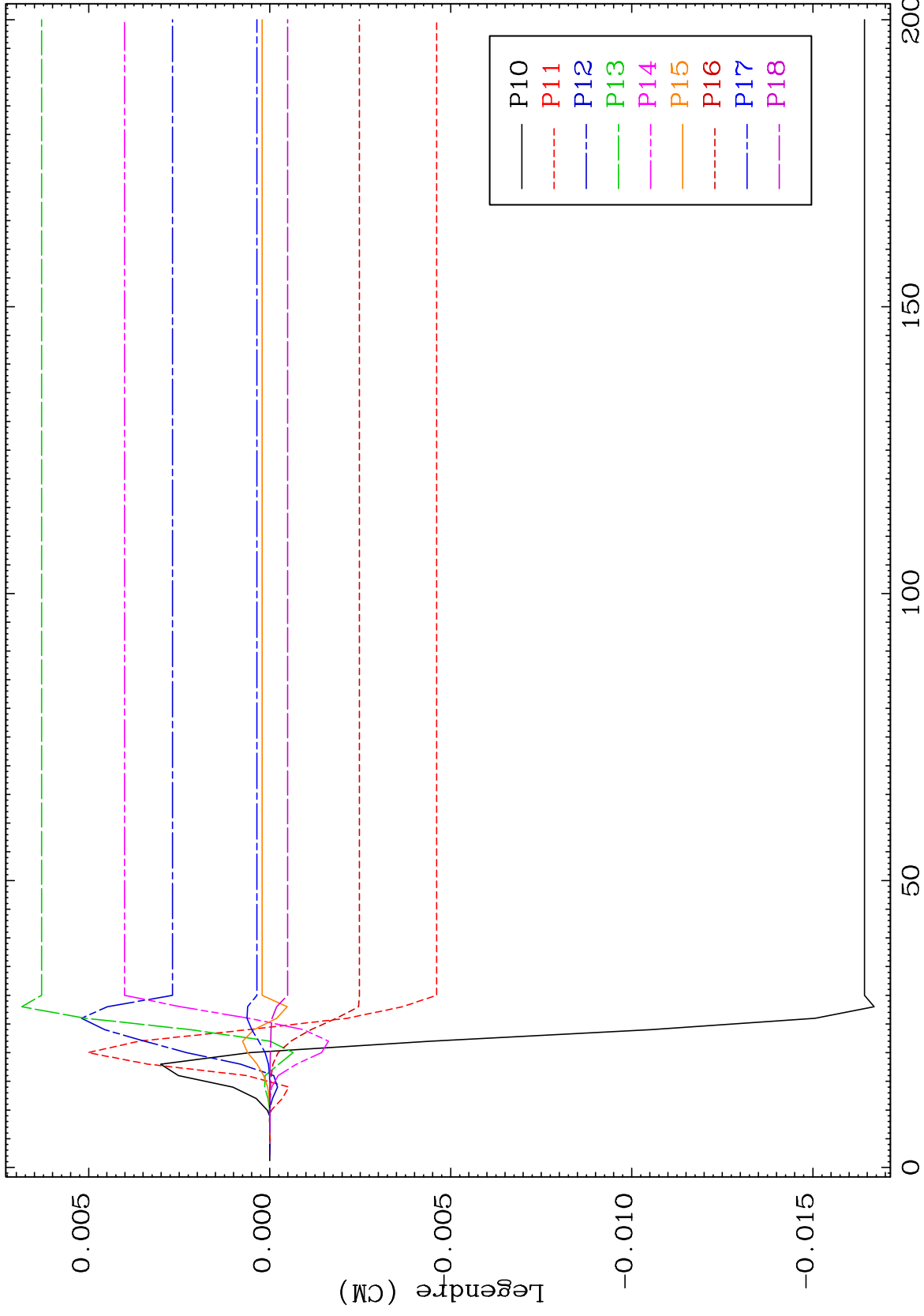




MAT 7601

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

76-0s-176



51

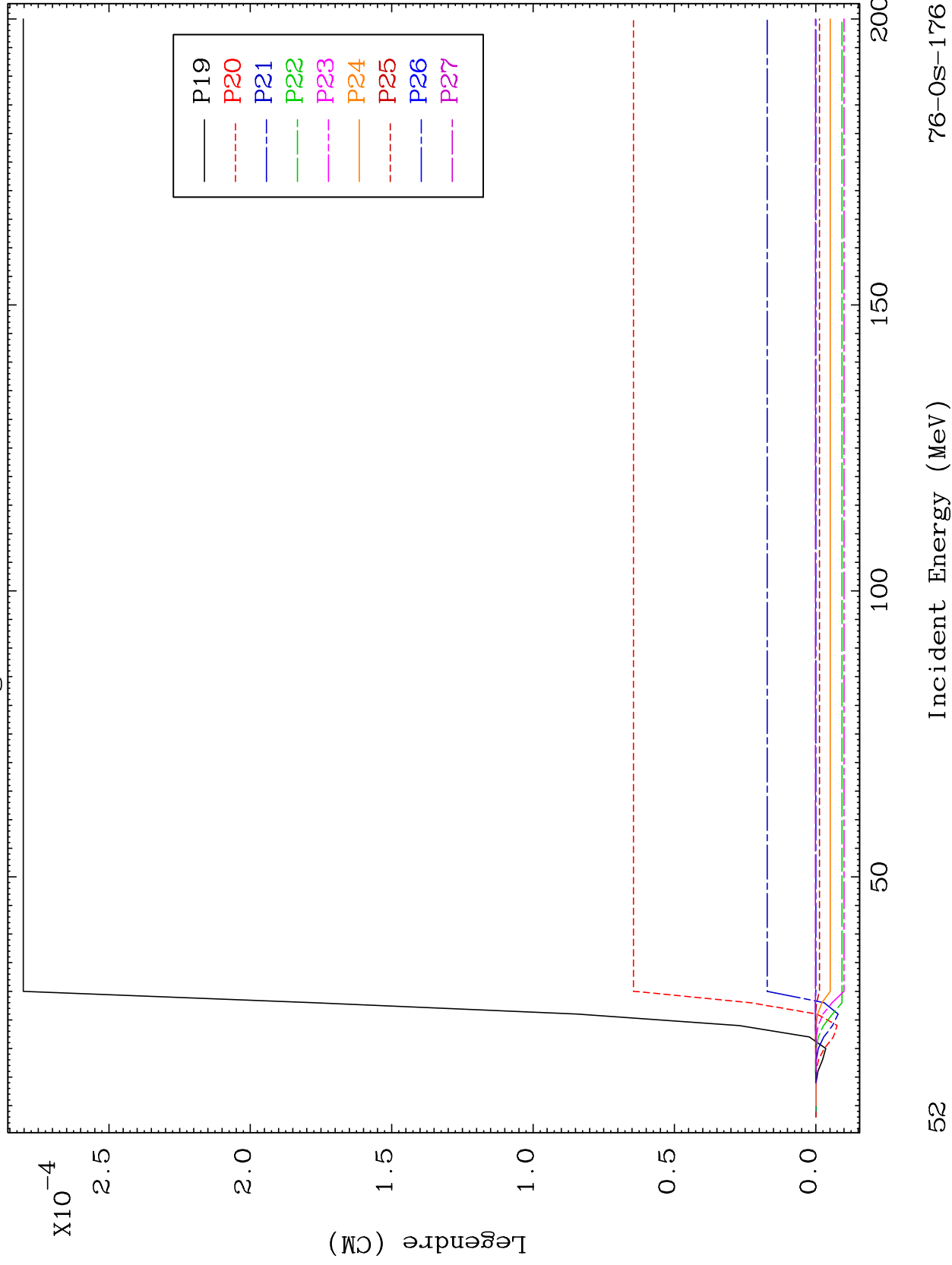
Incident Energy (MeV)

76-0s-176

MAT 7601

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

76-Os-176



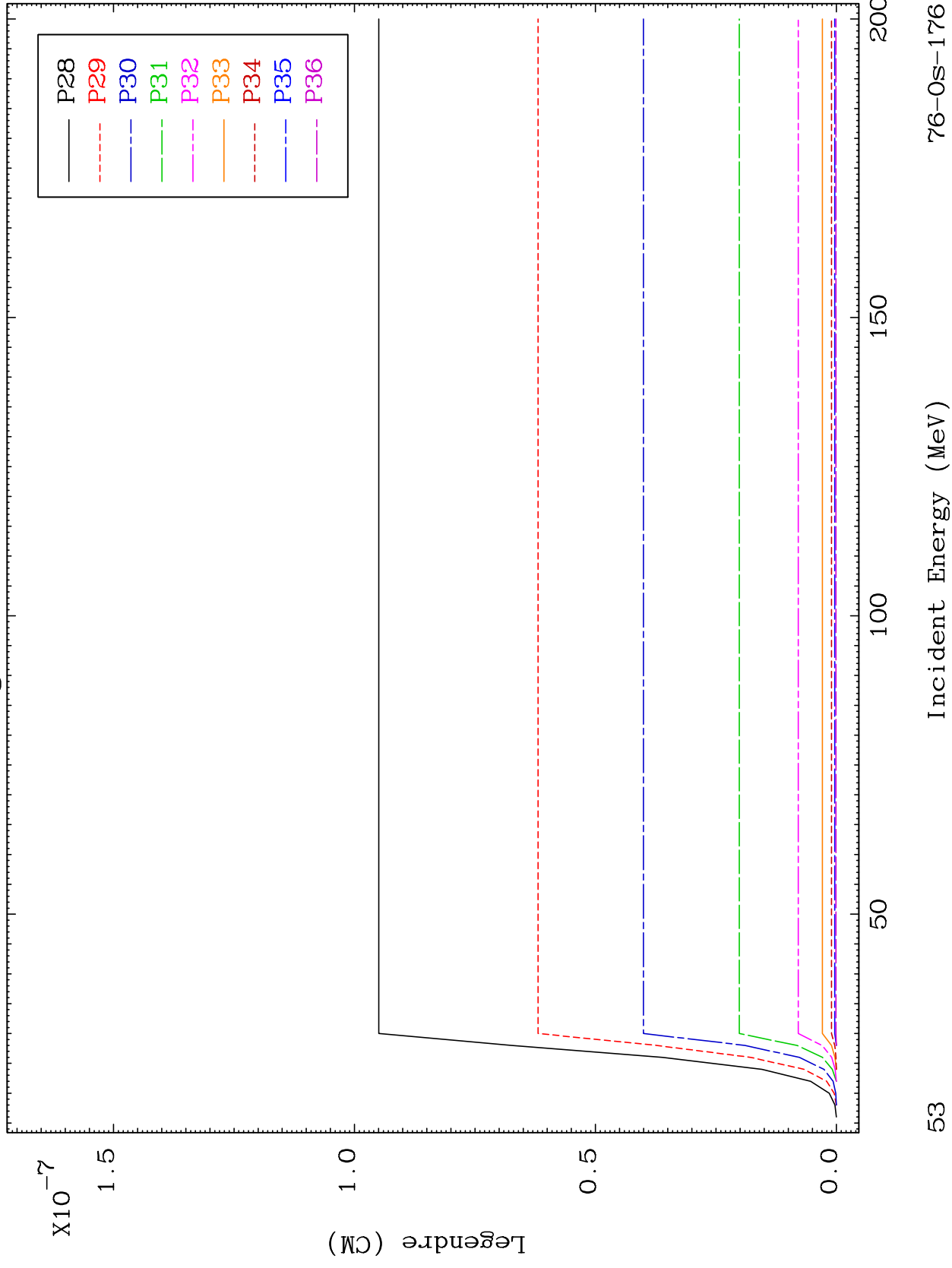
52

76-Os-176

MAT 7601

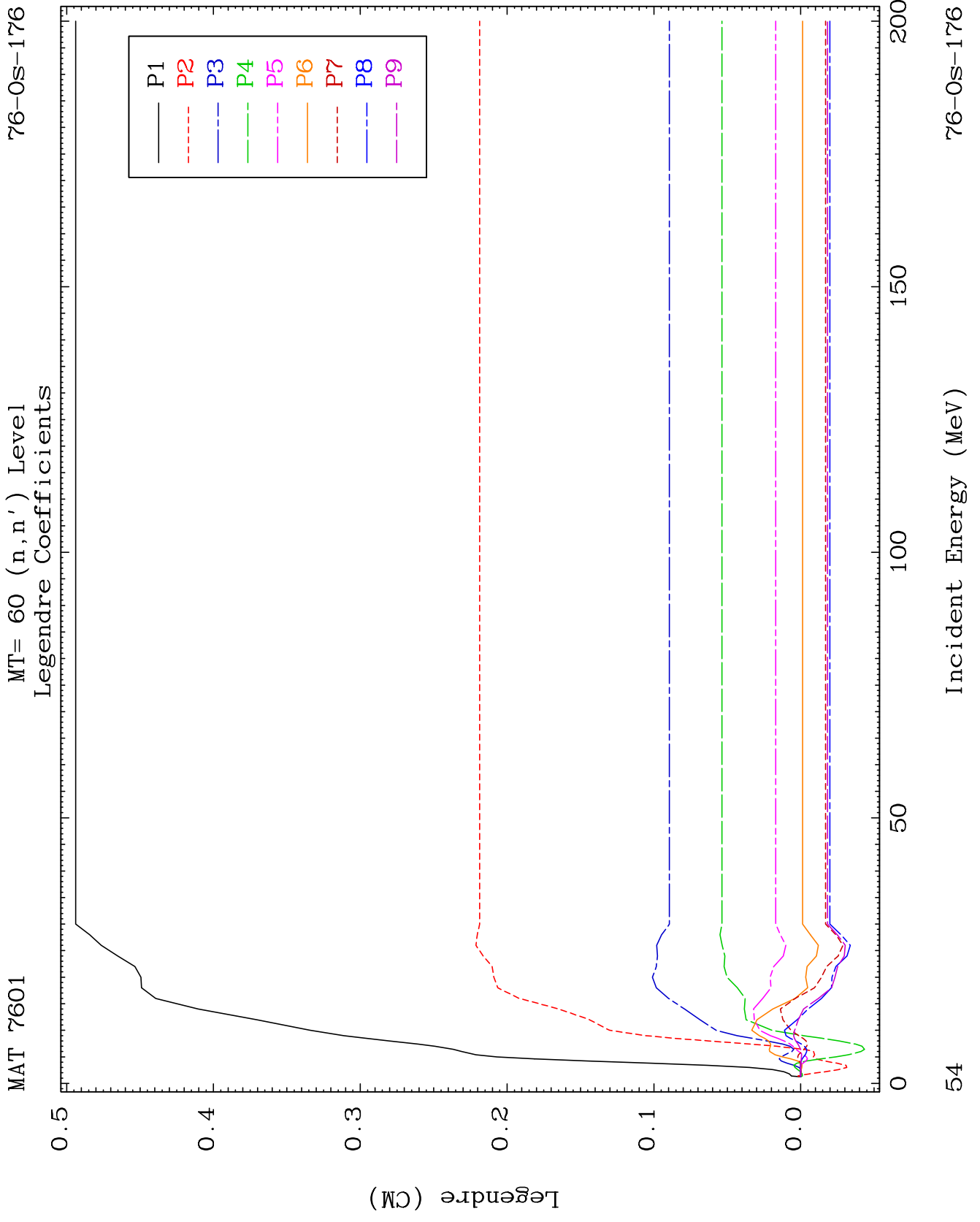
MT= 59 (n,n') Level  
Legendre Coefficients

76-Os-176



53

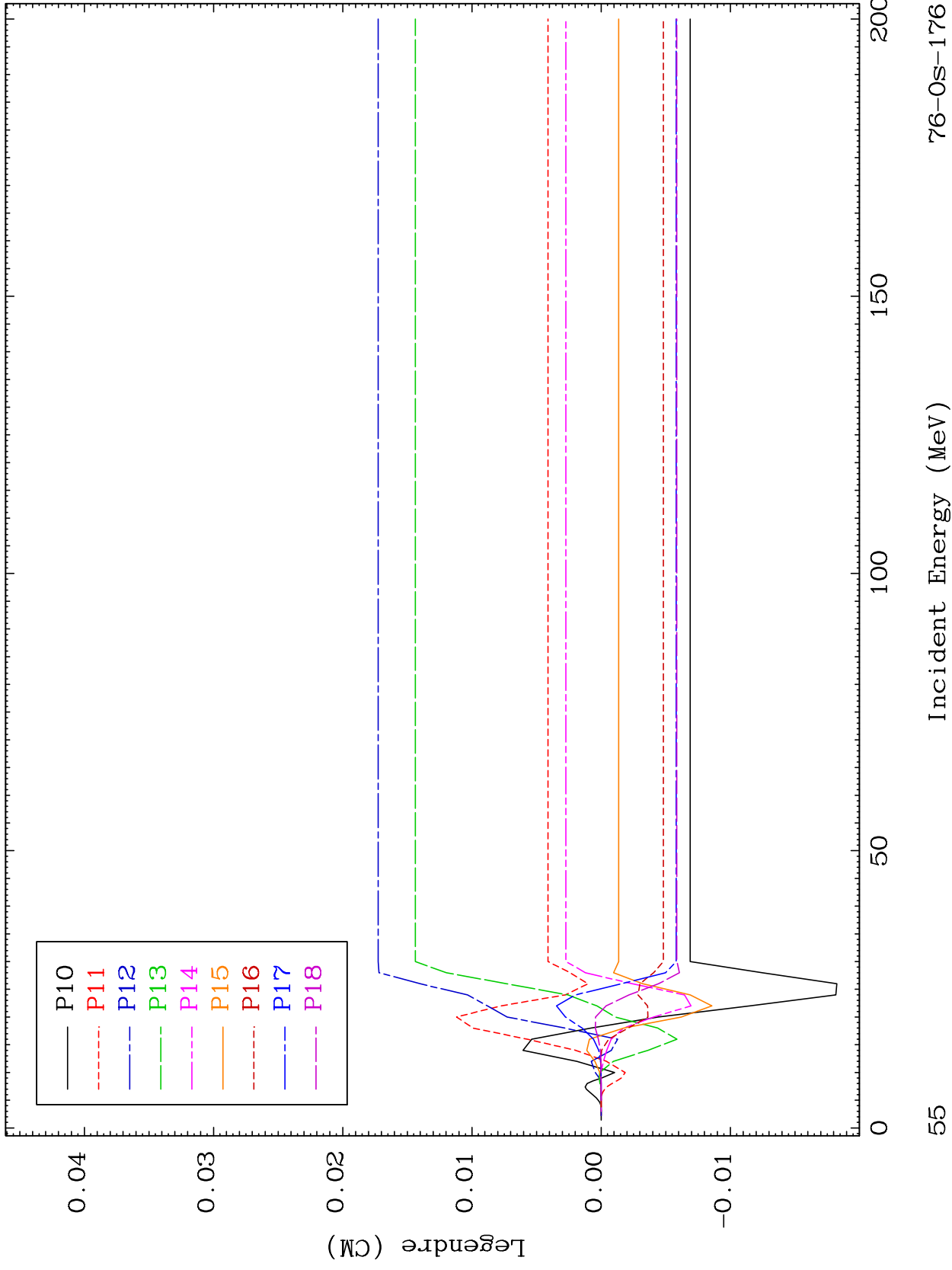
76-Os-176



MAT 7601

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

76-Os-176



55

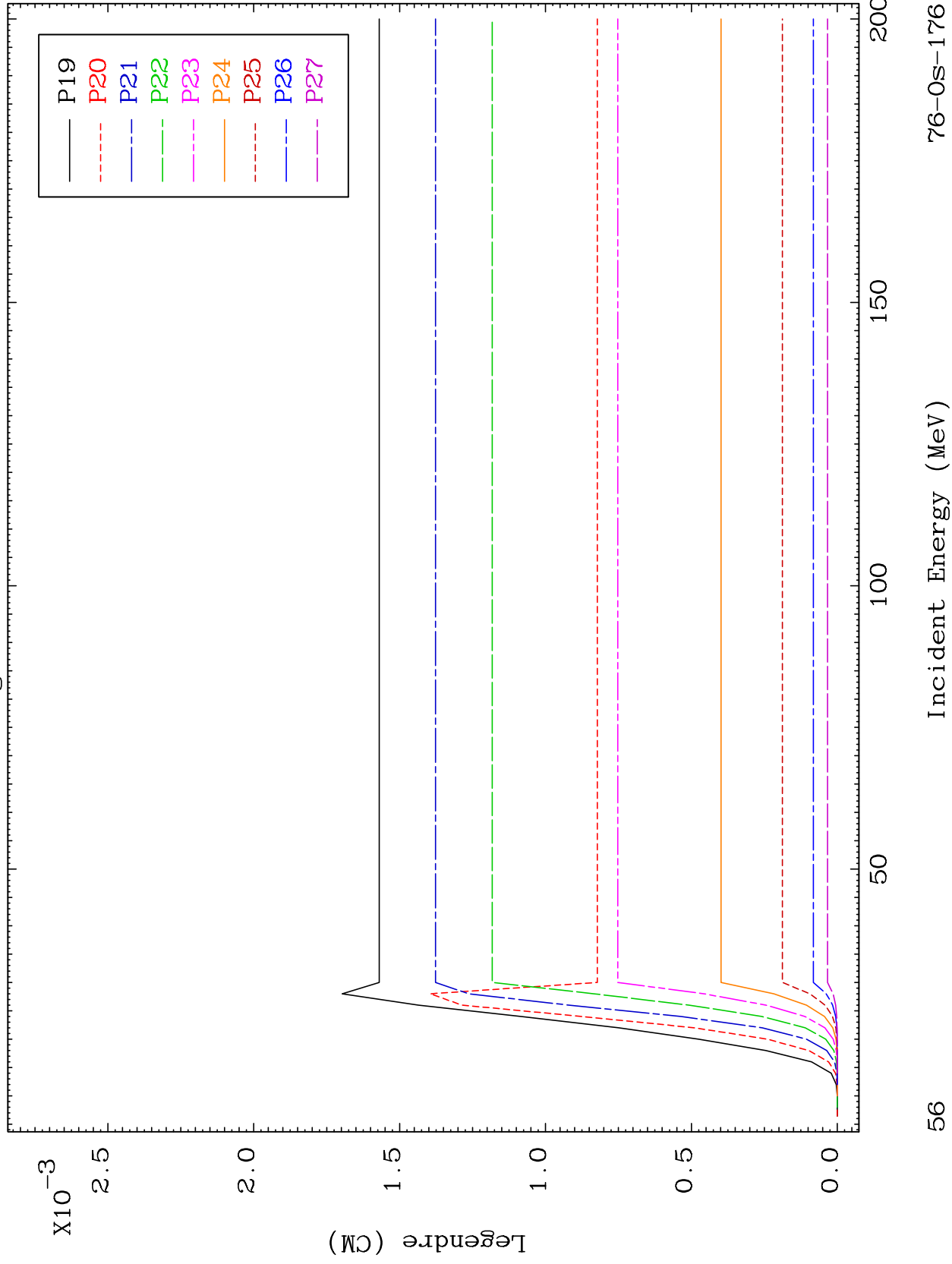
Incident Energy (MeV)

76-Os-176

MAT 7601

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

76-Os-176

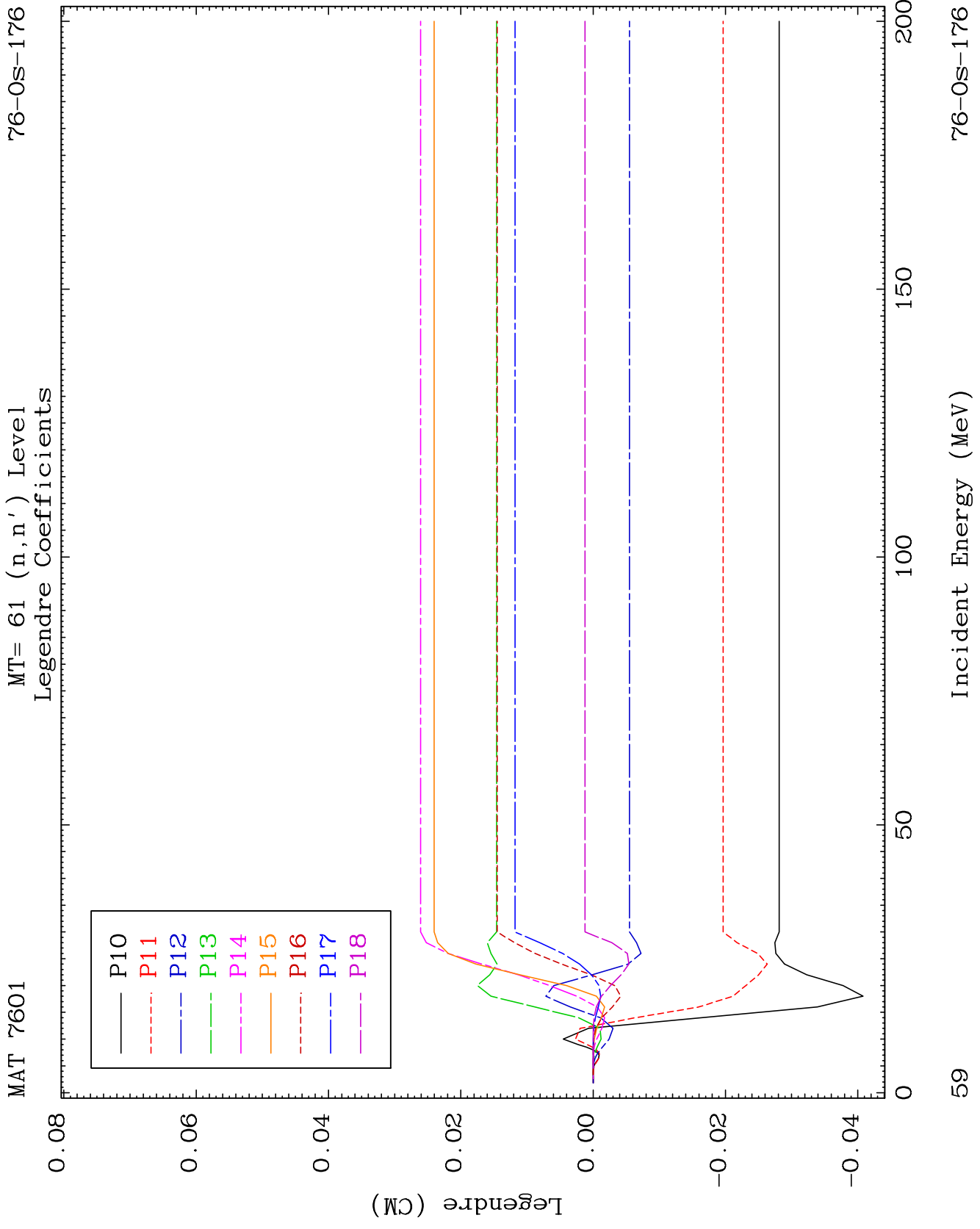


56

76-Os-176



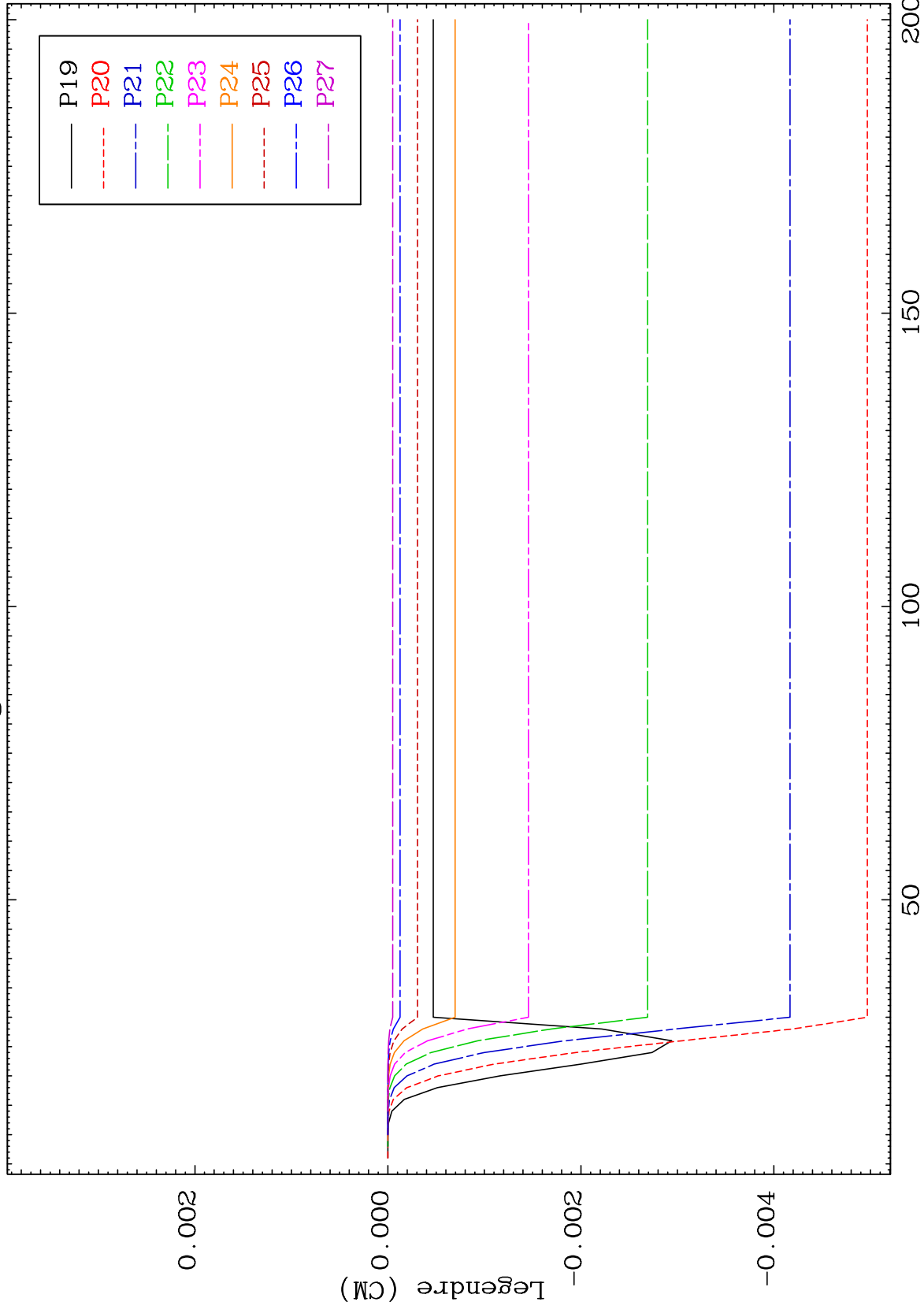




MAT 7601

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

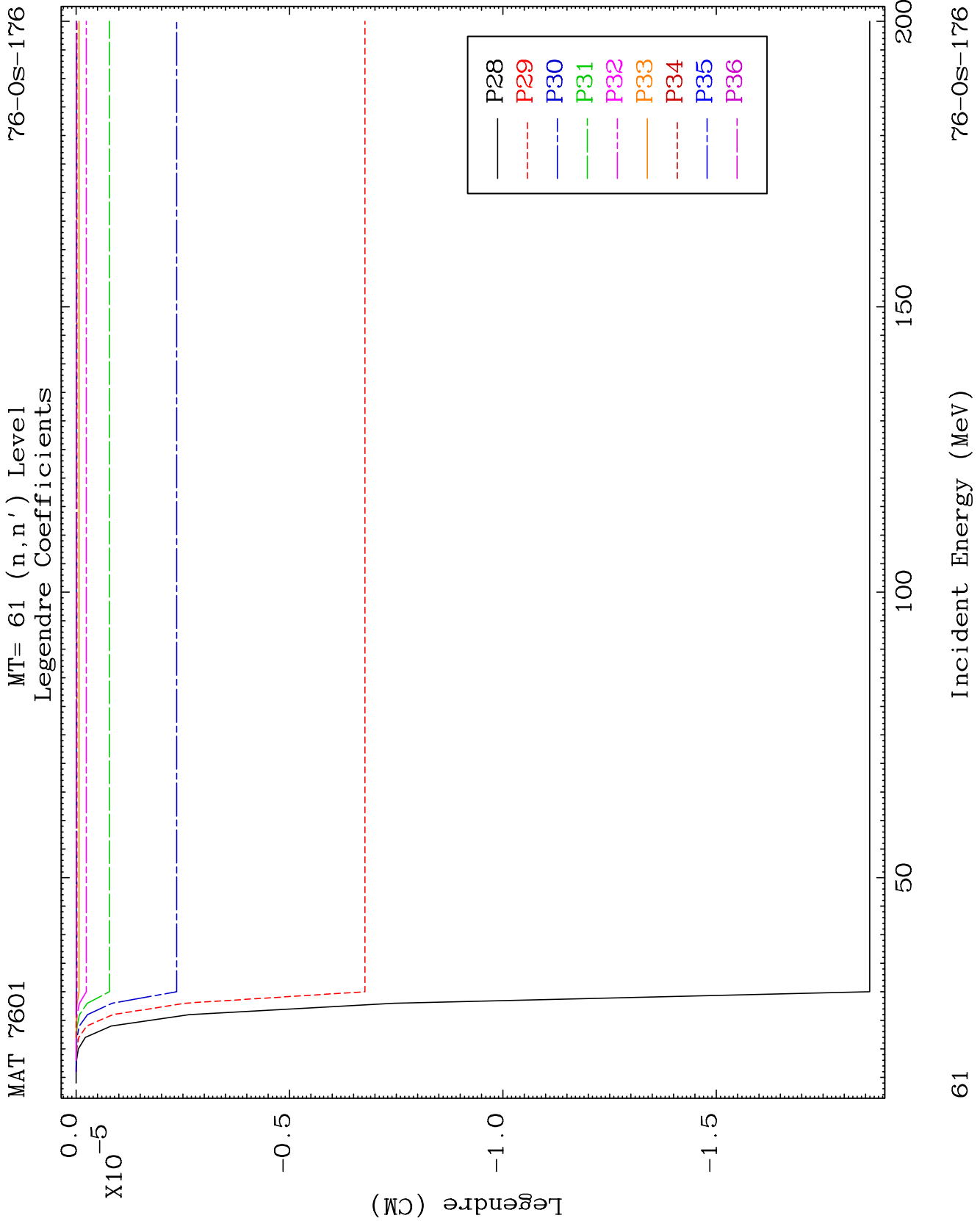
76-Os-176

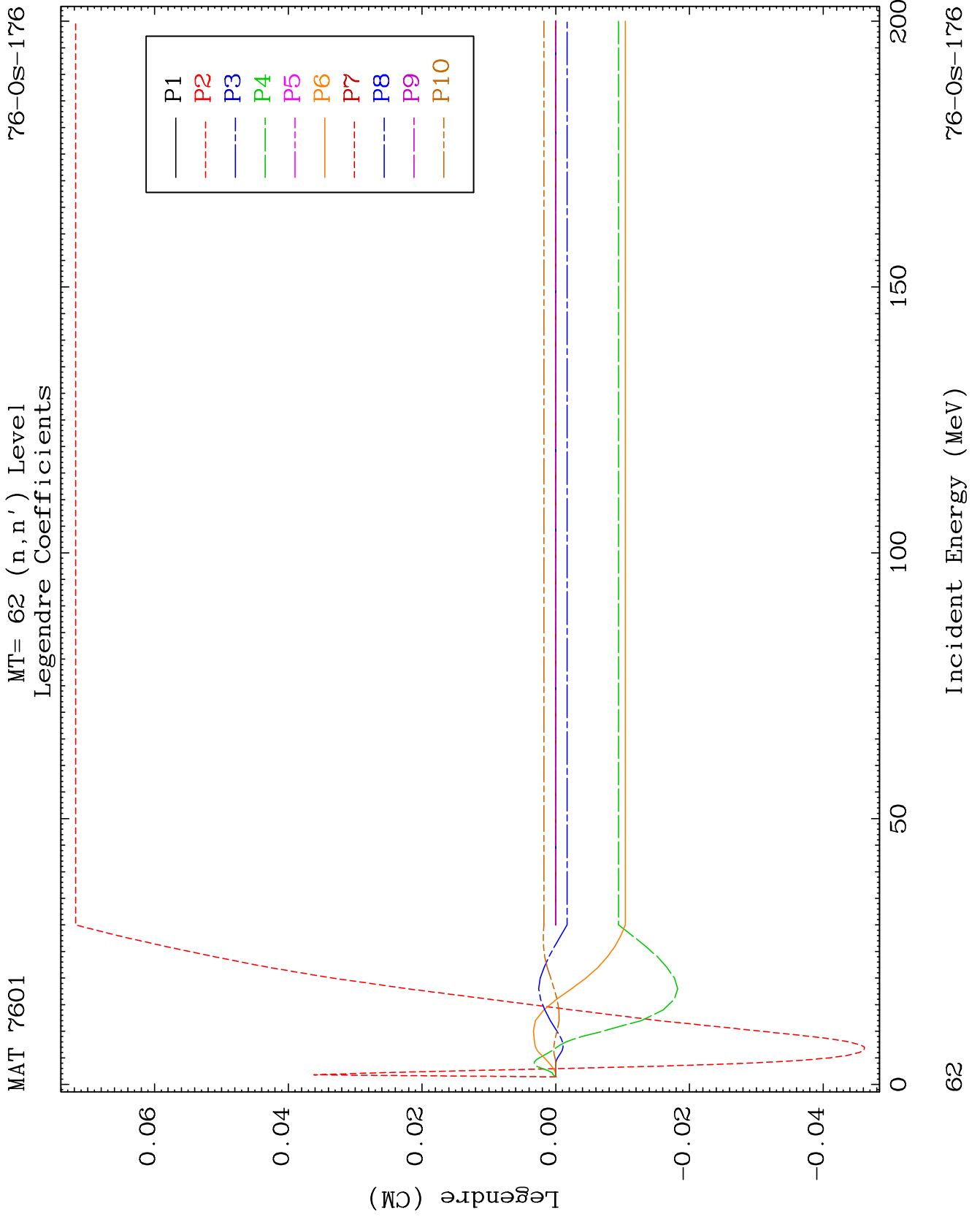


60

Incident Energy (MeV)

76-Os-176

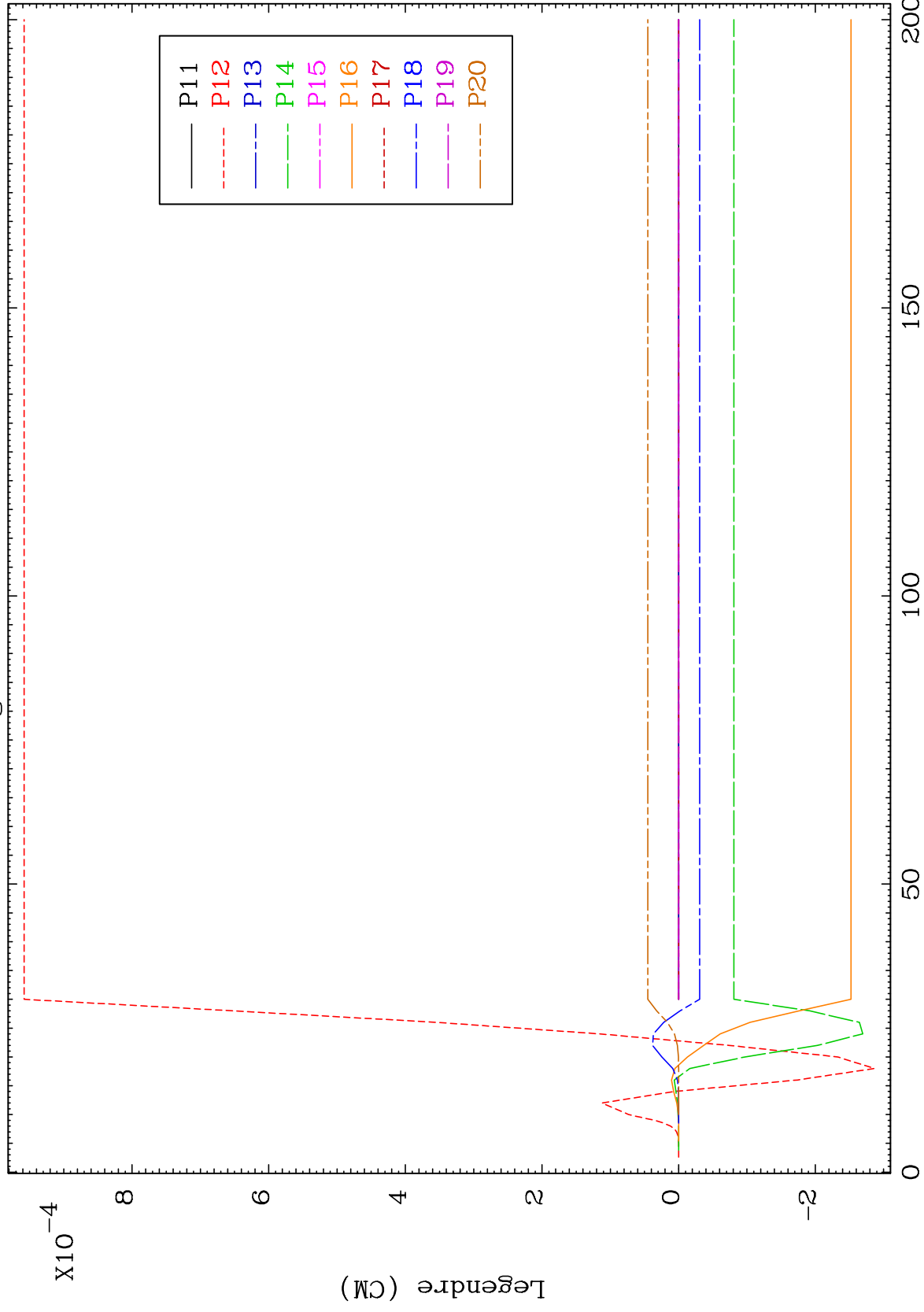




MAT 7601

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

76-Os-176



63

Incident Energy (MeV)

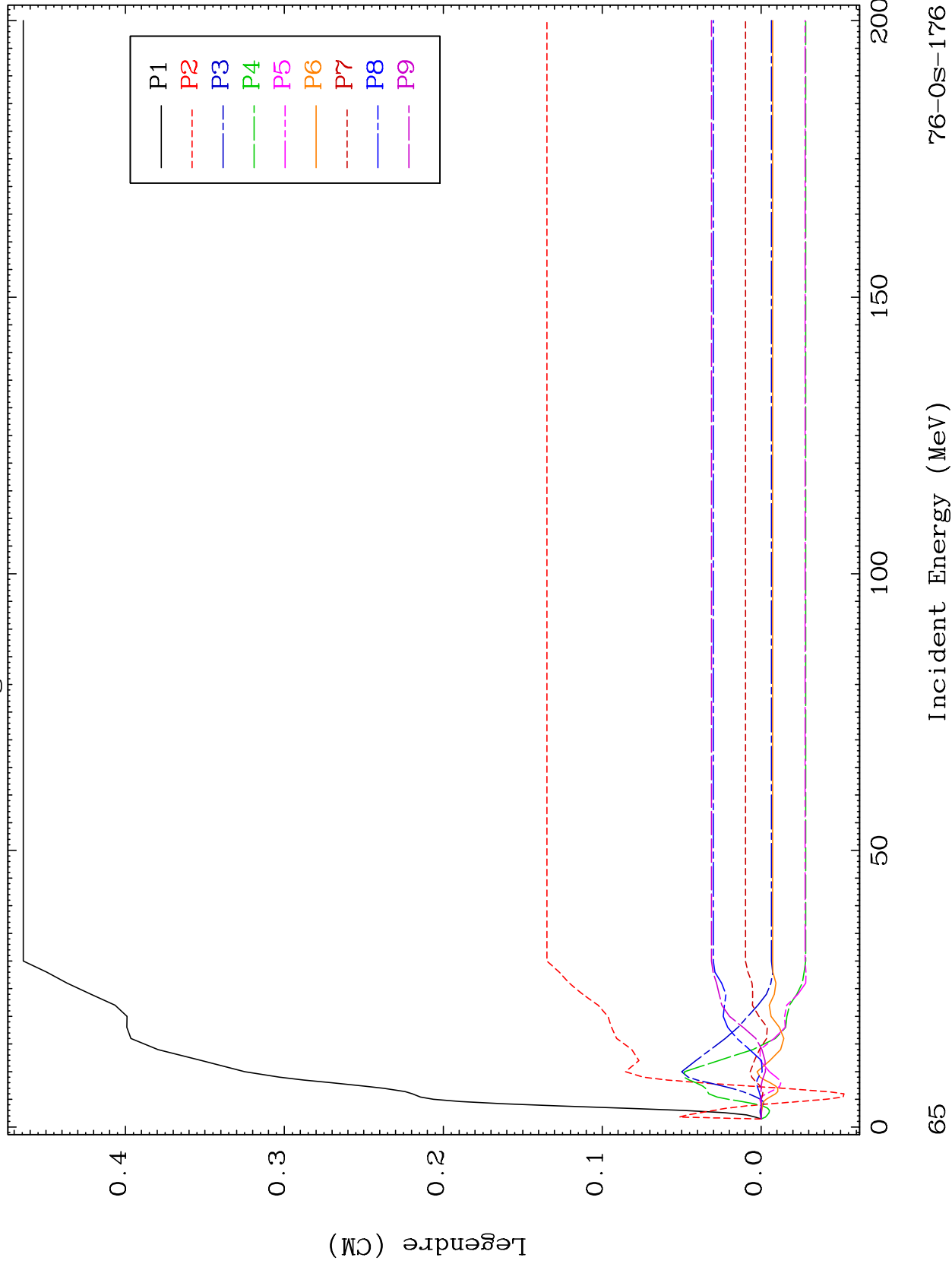
76-Os-176



MAT 7601

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

76-Os-176



76-Os-176

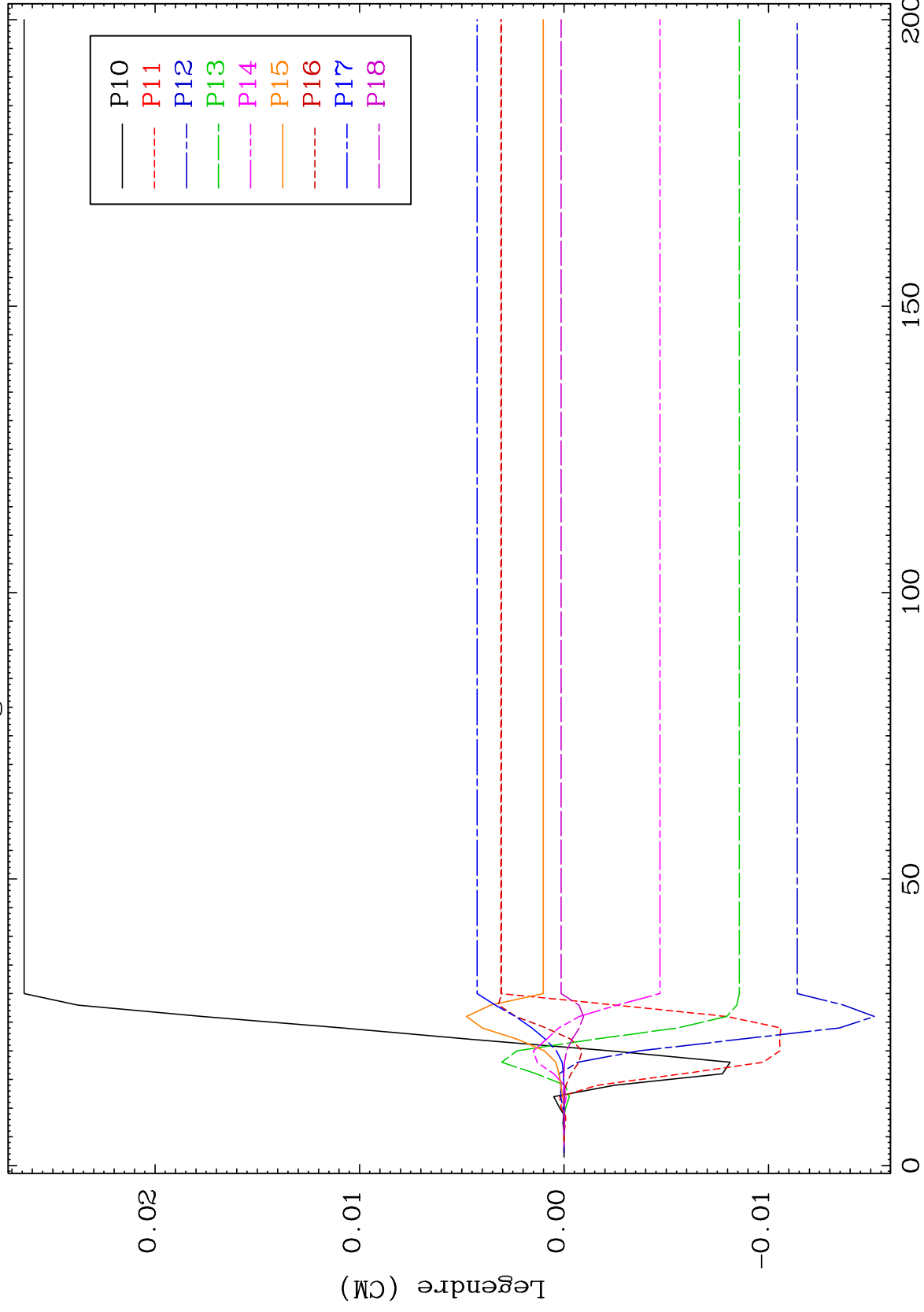
Incident Energy (MeV)

65

MAT 7601

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

76-Os-176



66

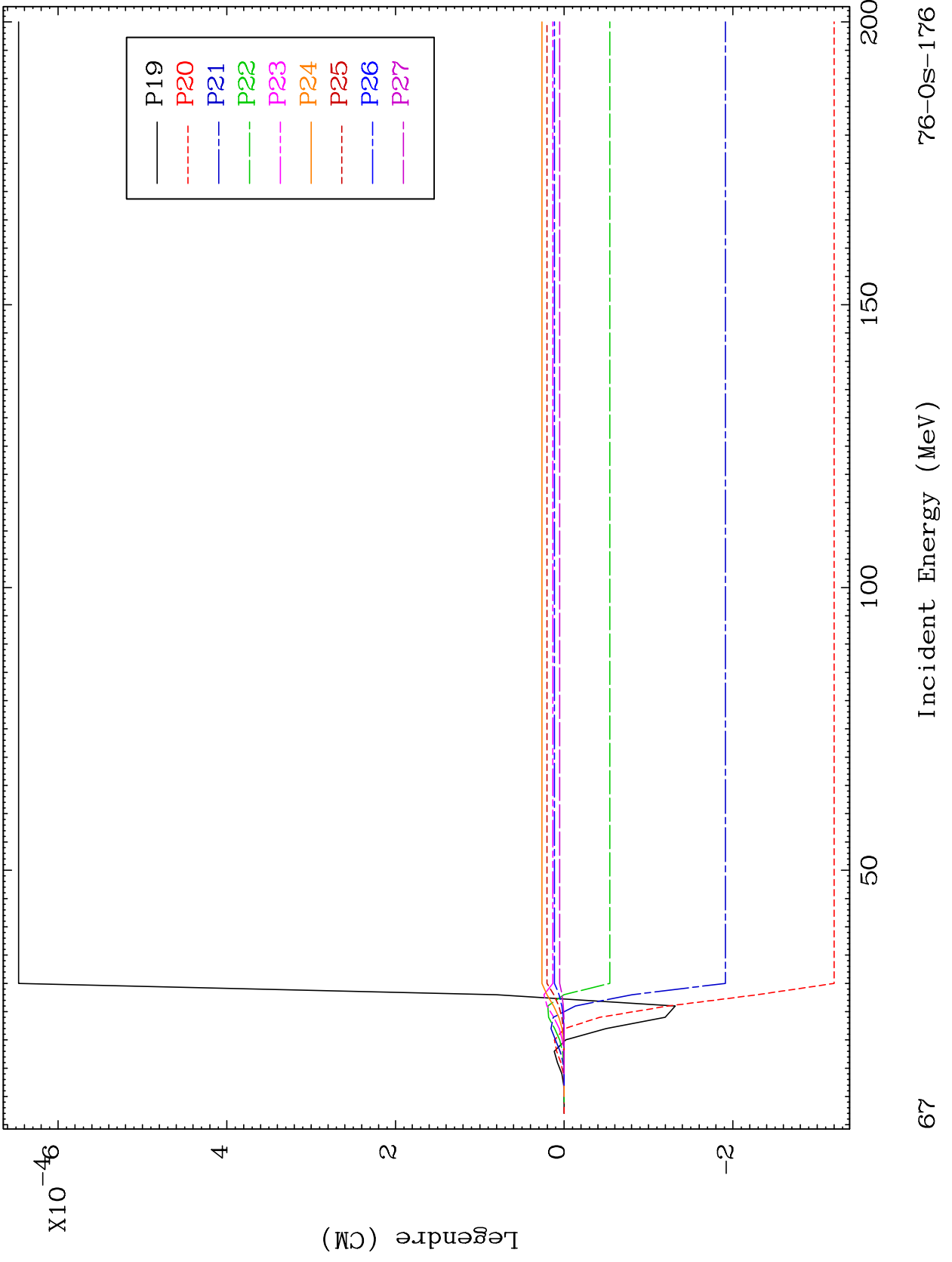
Incident Energy (MeV)

76-Os-176

MAT 7601

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

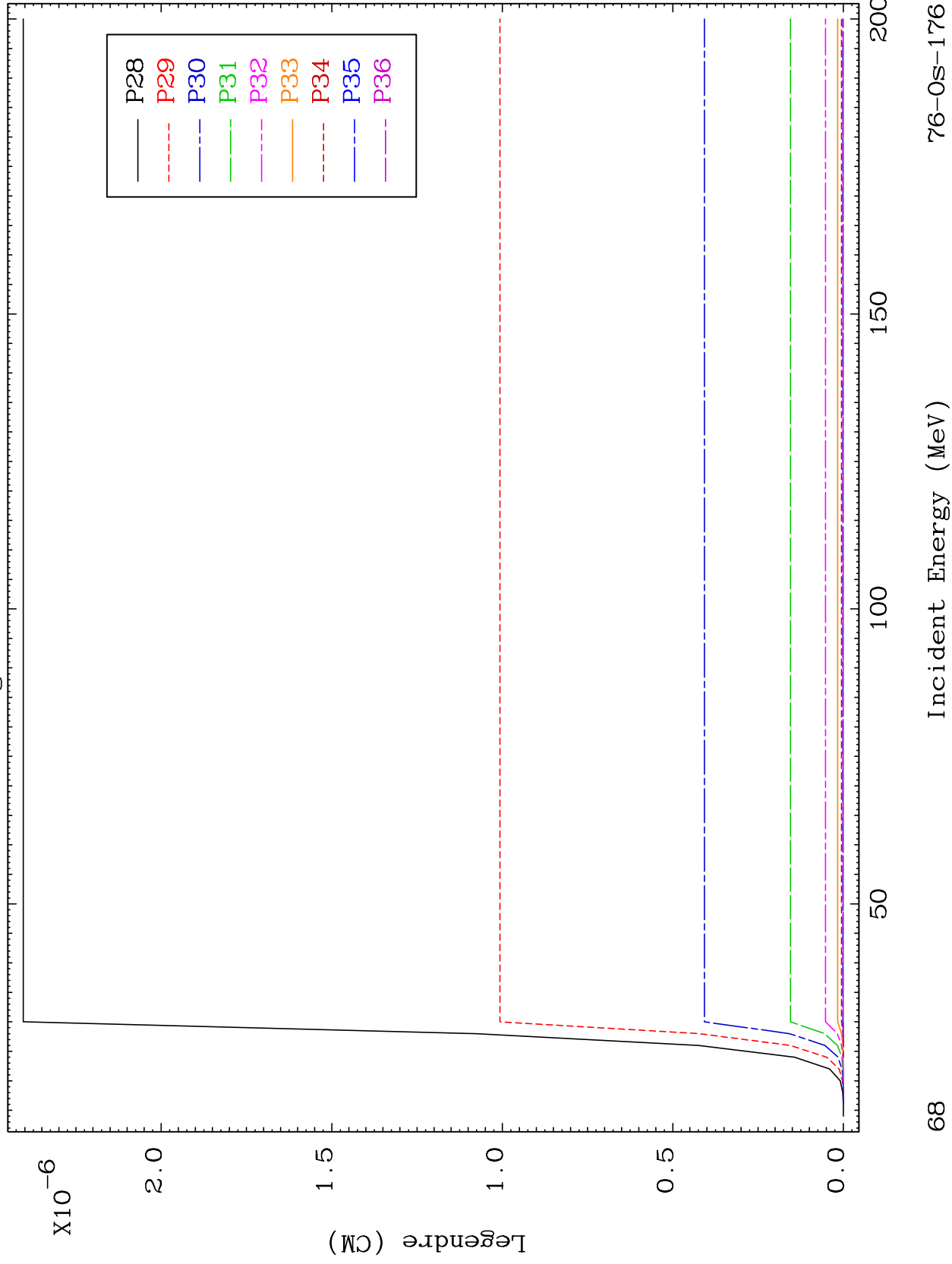
76-Os-176



MAT 7601

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

76-Os-176



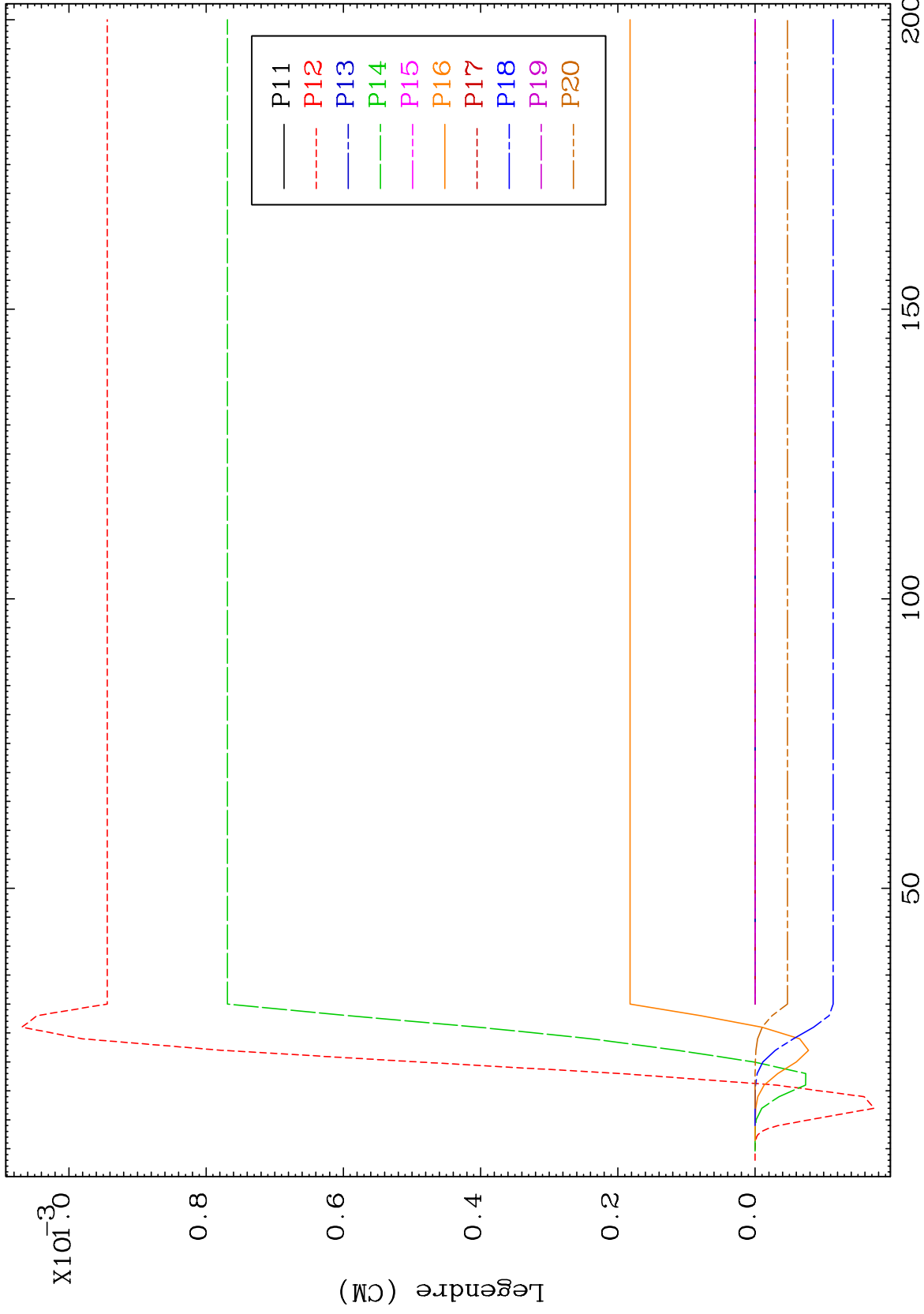
68



MAT 7601

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

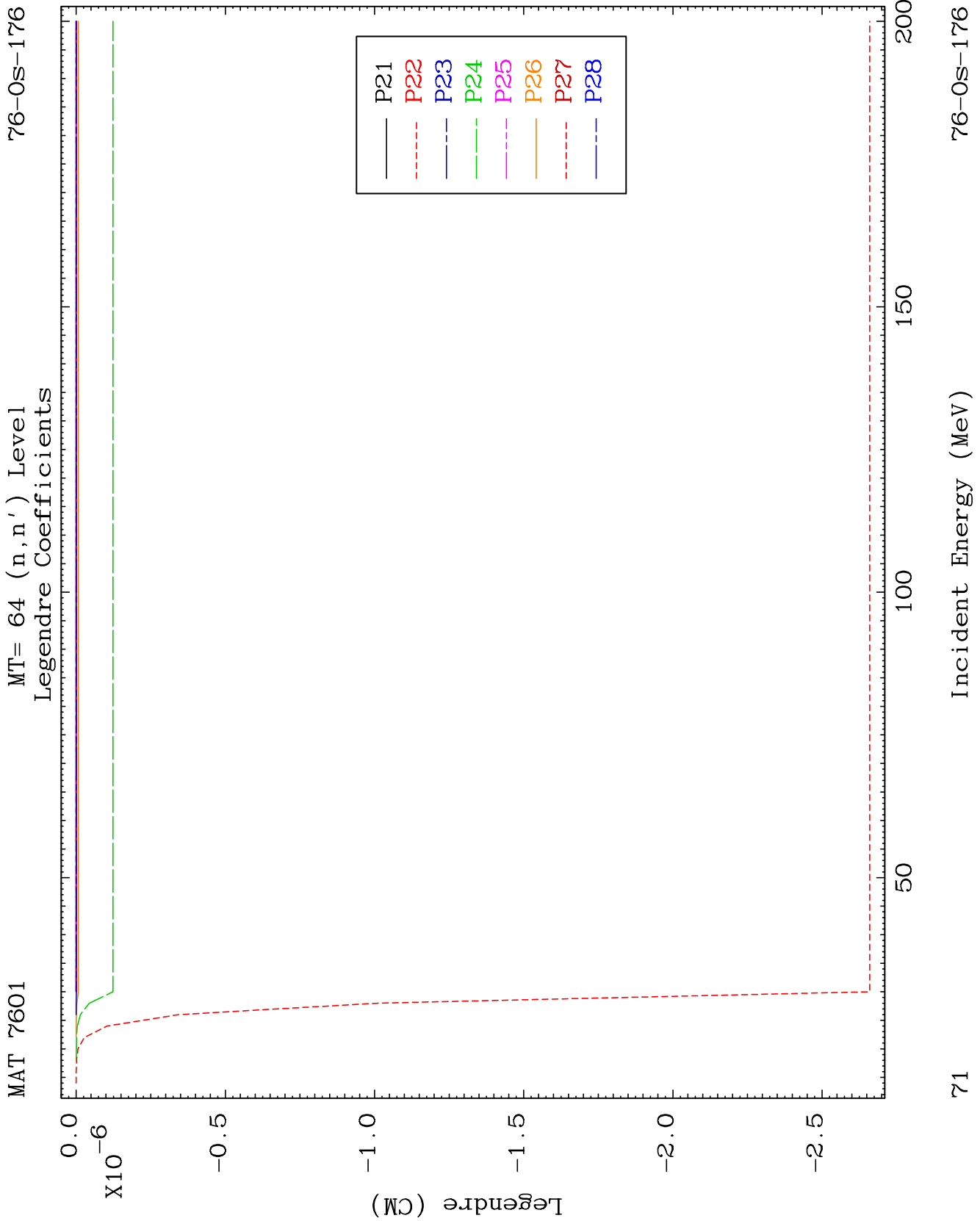
76-Os-176



70

Incident Energy (MeV)

76-Os-176

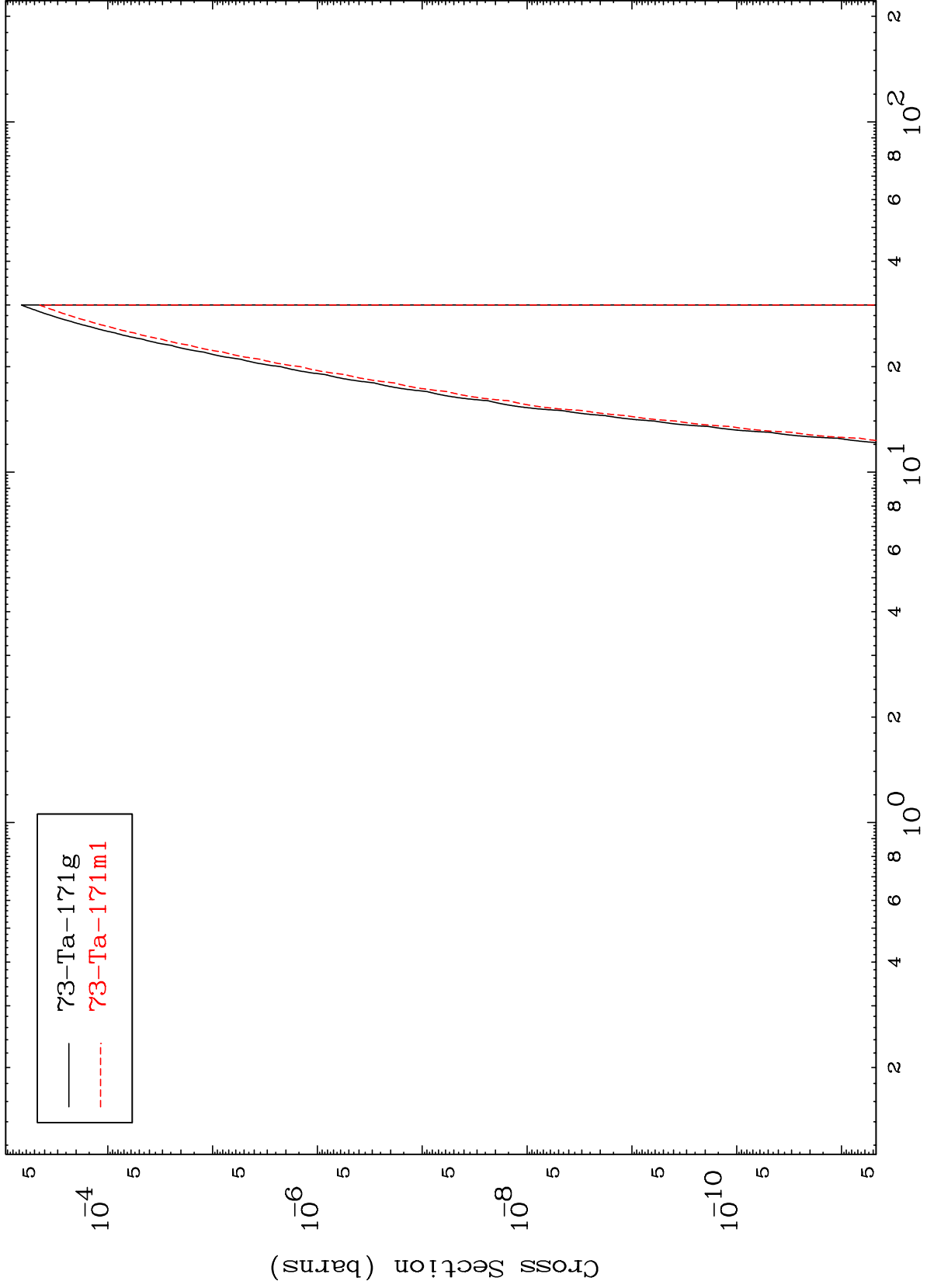


MAT 7601

(n,n') p  $\alpha$

76-Os-176

Radionuclide Production Cross Section



72

Incident Energy (MeV)

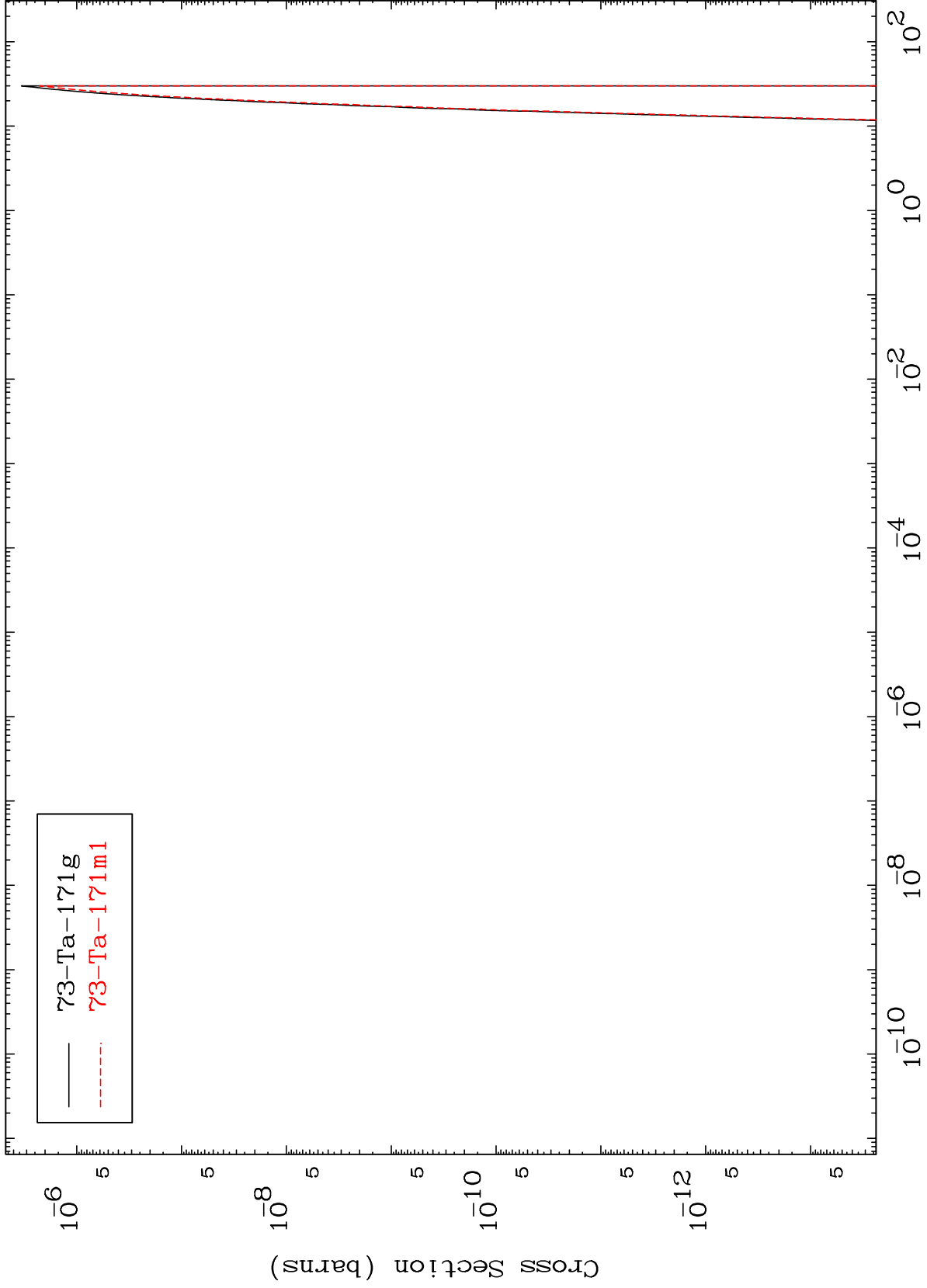
76-Os-176

MAT 7601

(n,d)  $\alpha$

76-Os-176

Radionuclide Production Cross Section



73

Incident Energy (MeV)

76-Os-176