

Program EVALPLOT  
(Version 2021-1)

by

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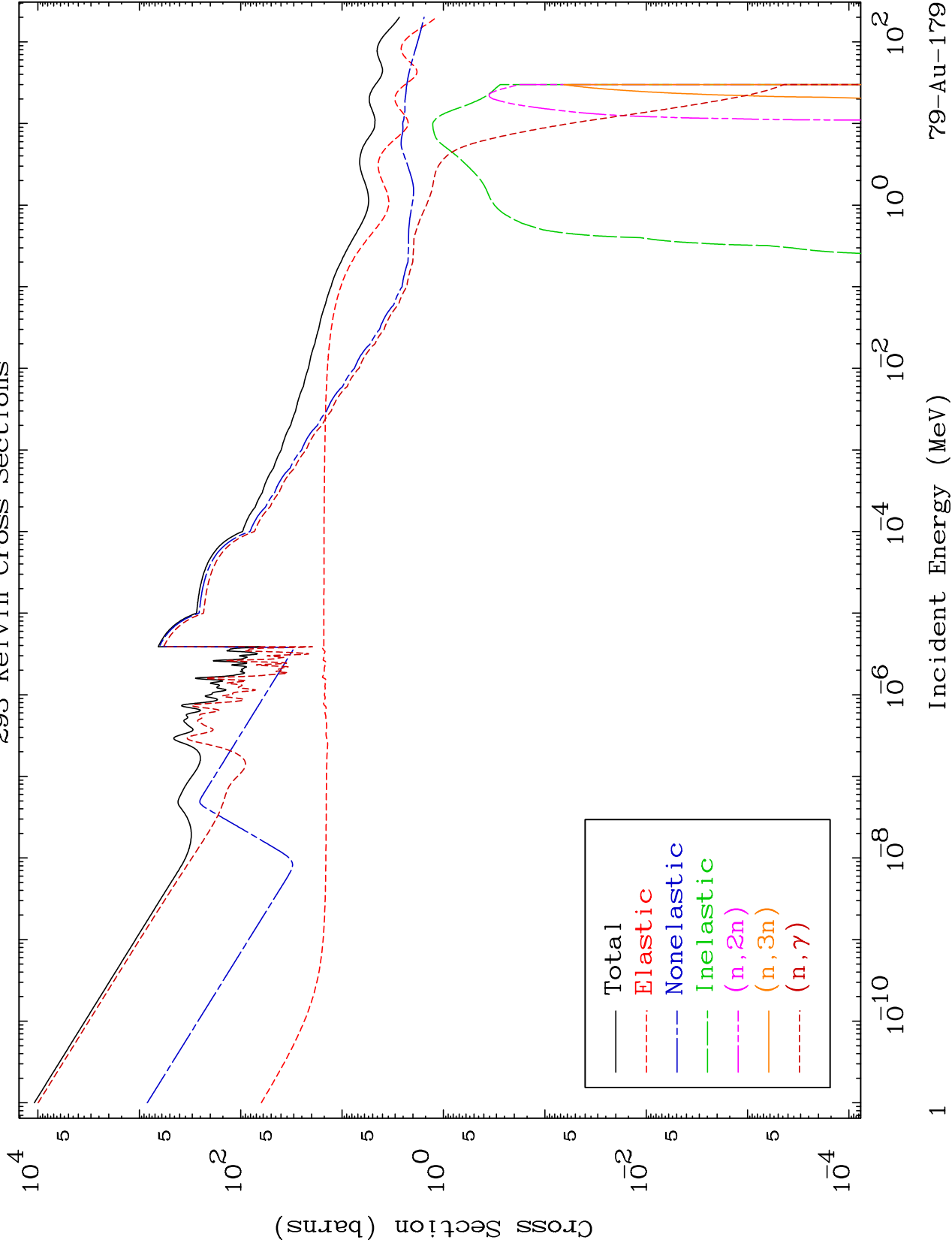
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Press Mouse Button to Start

MAT 7871

Neutron Major  
293 Kelvin Cross Sections

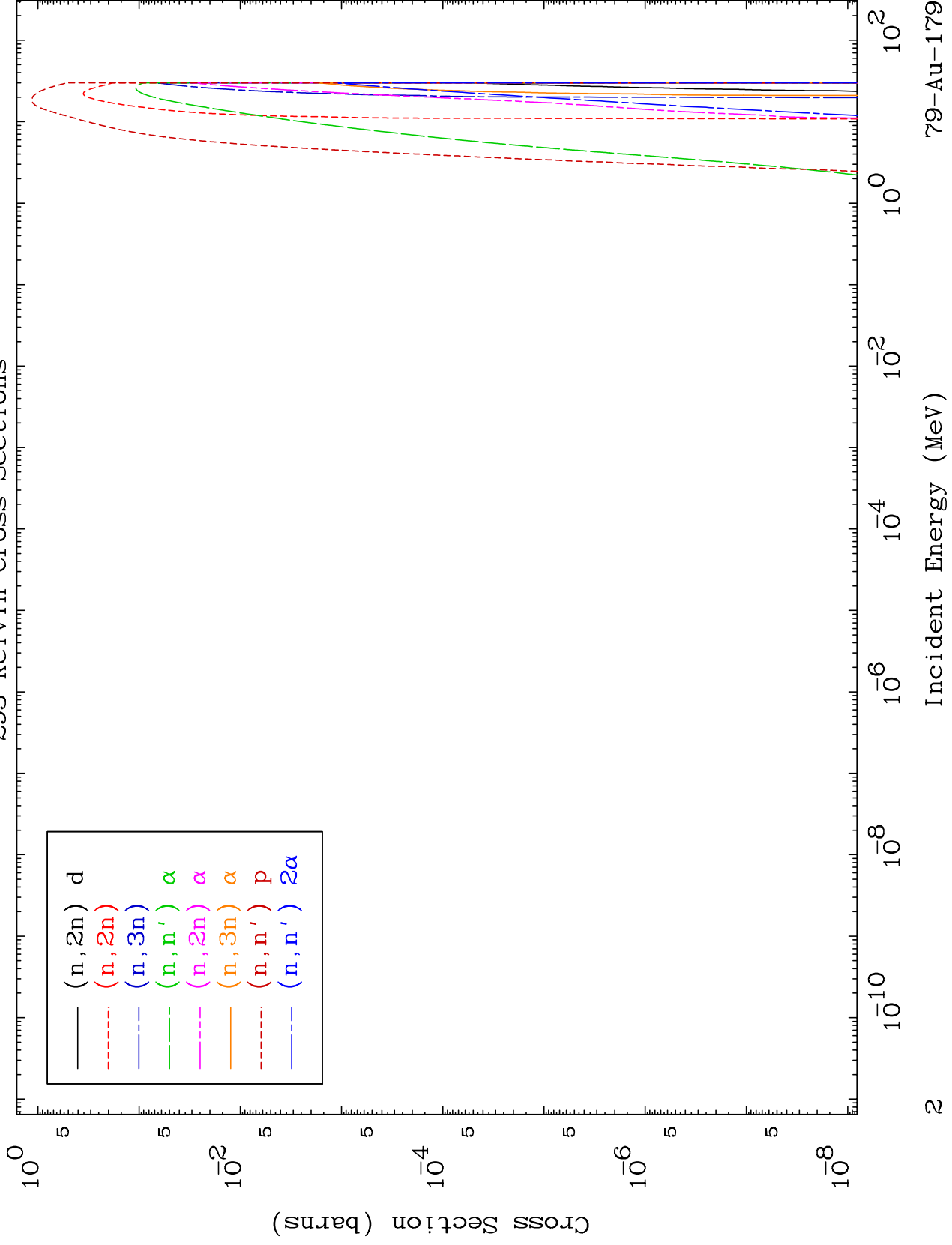
79-Au-179



MAT 7871

Neutron Absorption  
293 Kelvin Cross Sections

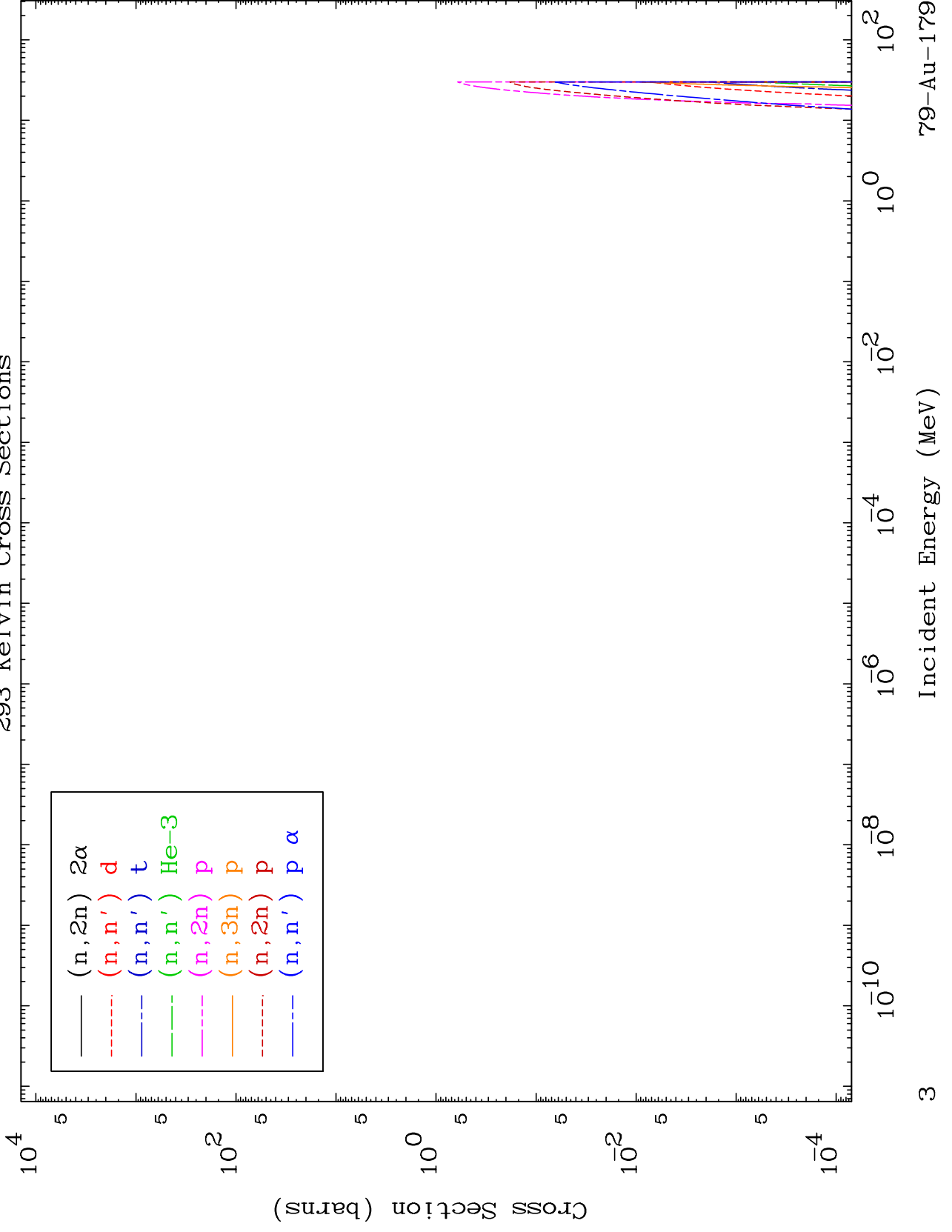
79-Au-179



MAT 7871

Neutron Absorption  
293 Kelvin Cross Sections

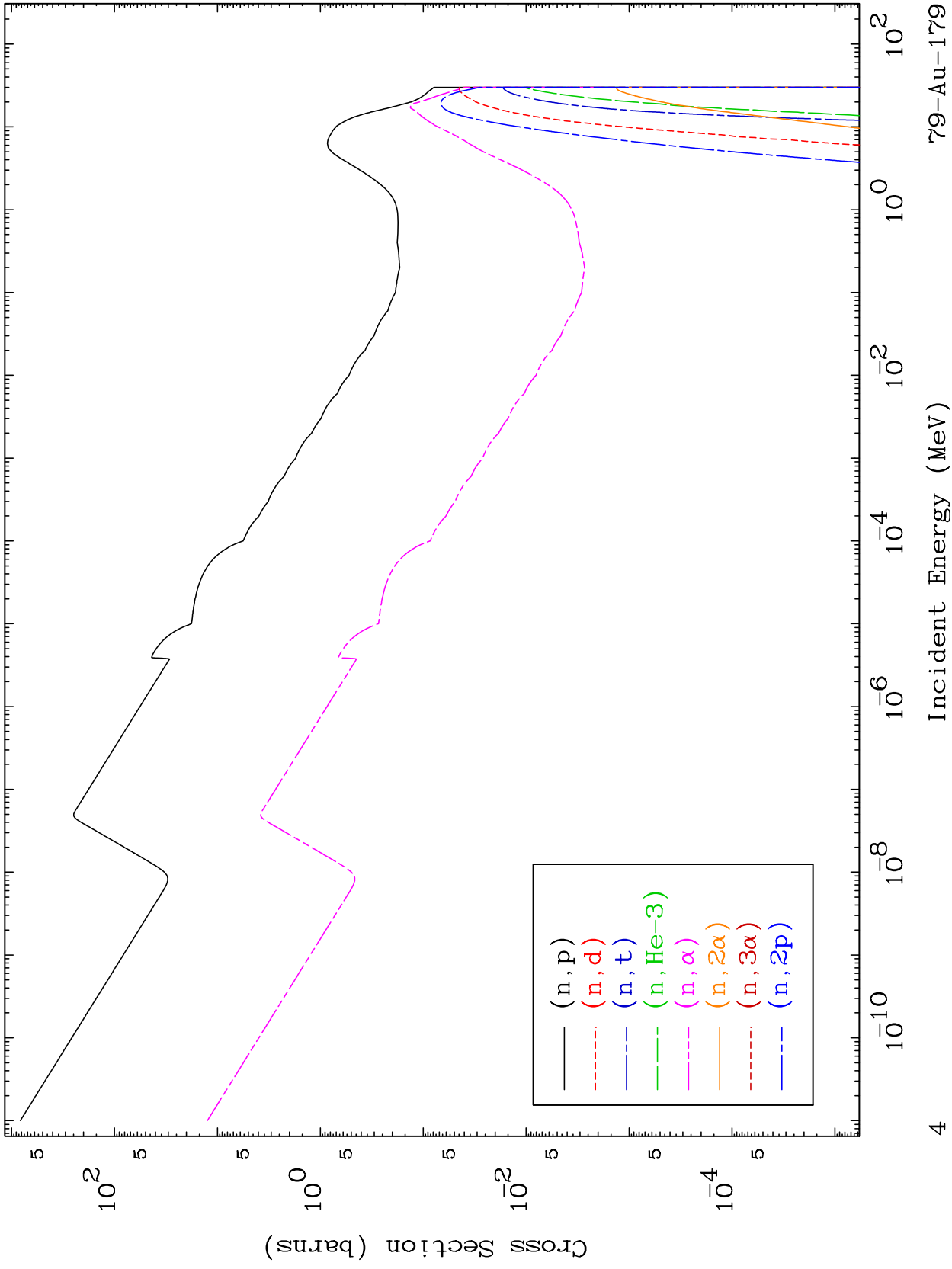
79-Au-179

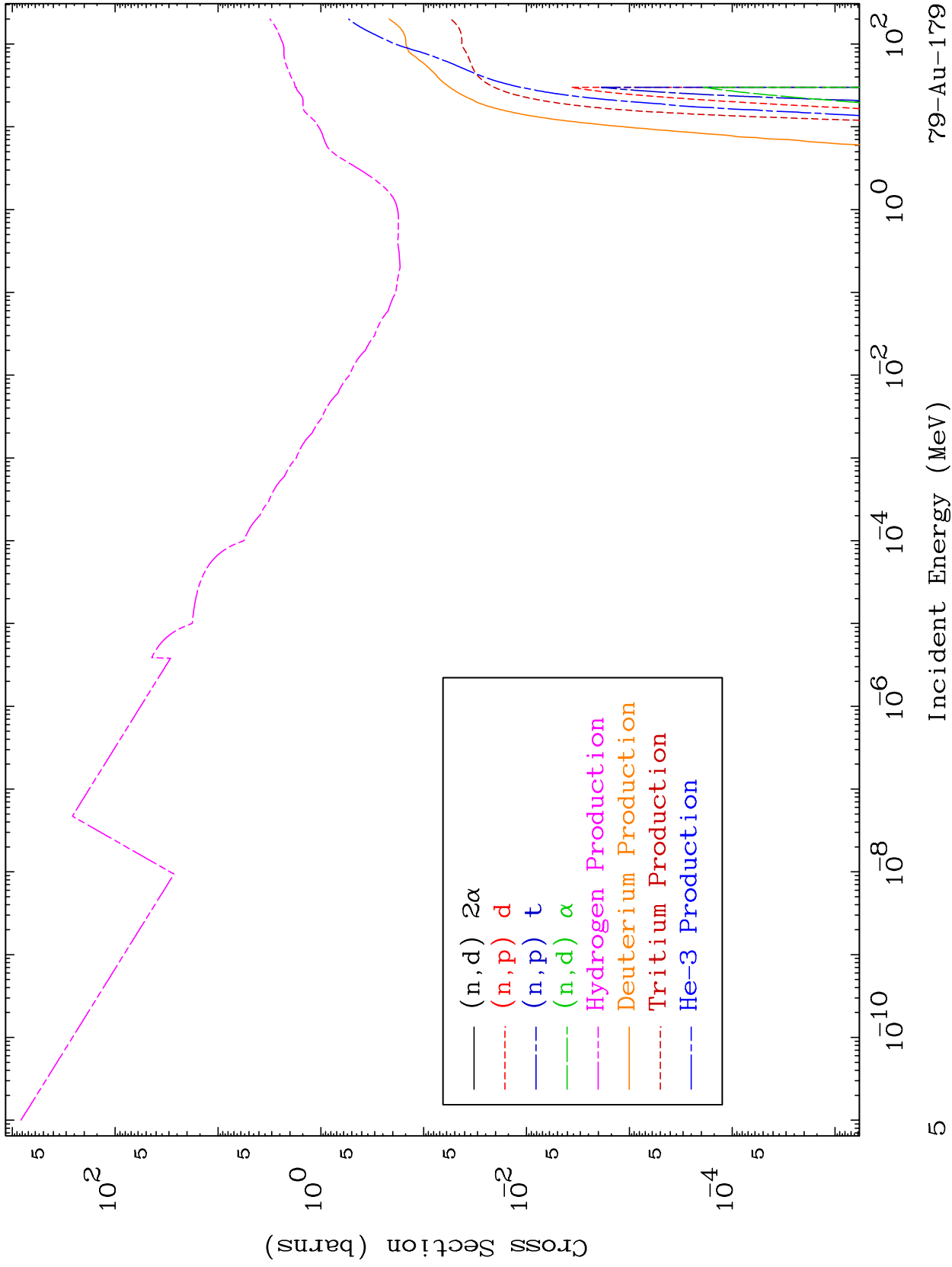


MAT 7871

Neutron Absorption  
293 Kelvin Cross Sections

79-Au-179

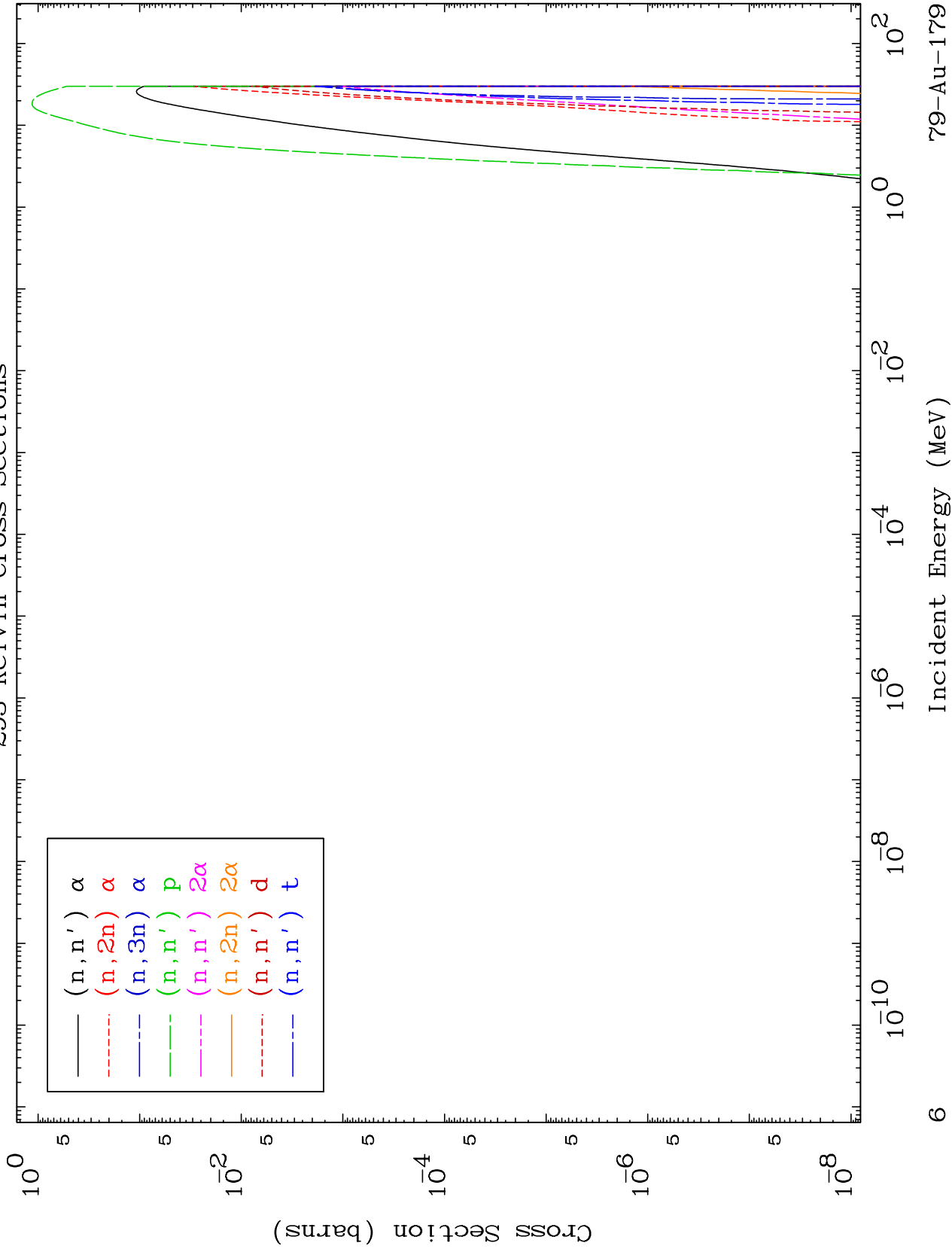




MAT 7871

Charged Particle  
293 Kelvin Cross Sections

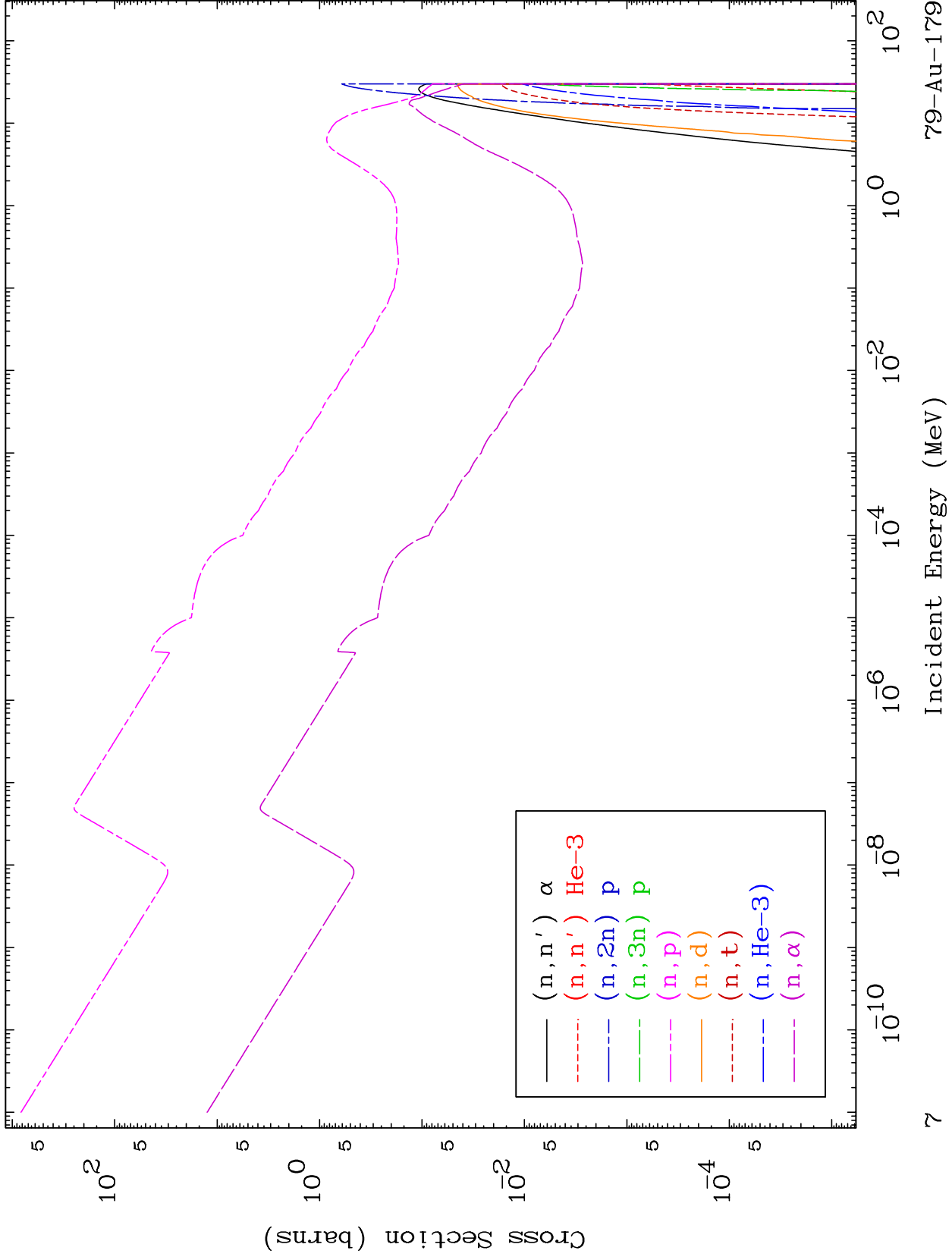
79-Au-179



MAT 7871

Charged Particle  
293 Kelvin Cross Sections

79-Au-179

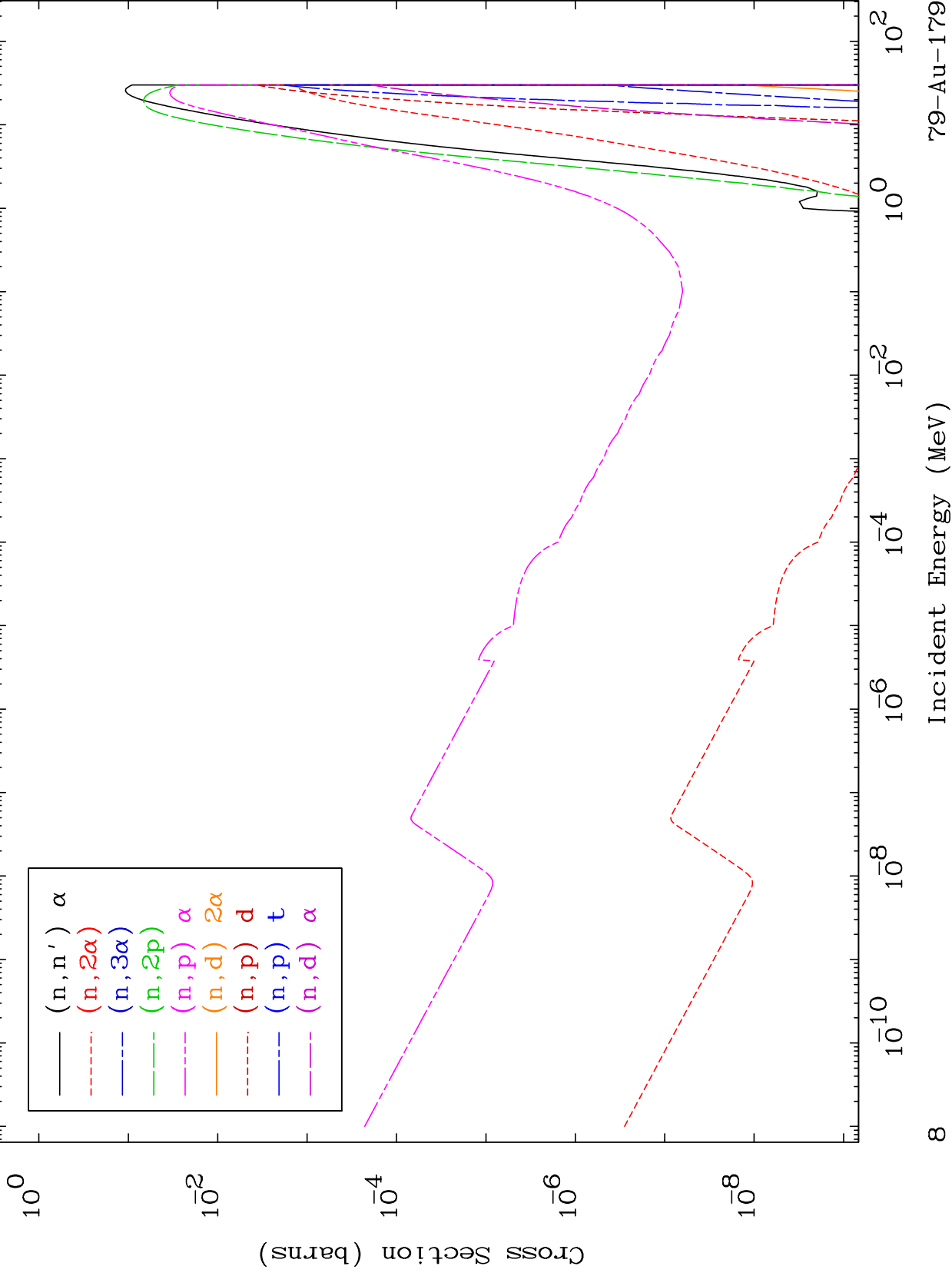


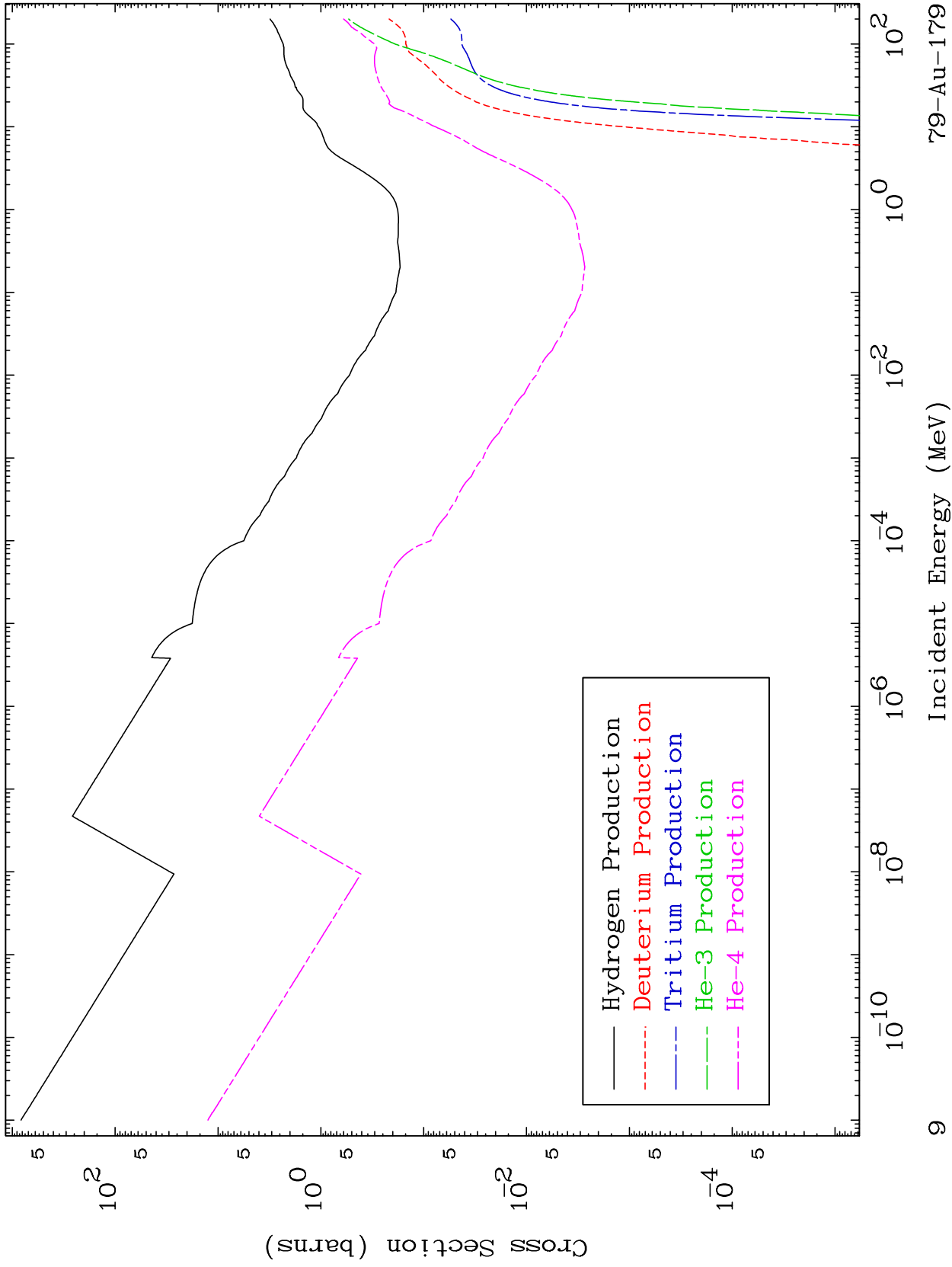


MAT 7871

Charged Particle  
293 Kelvin Cross Sections

79-Au-179

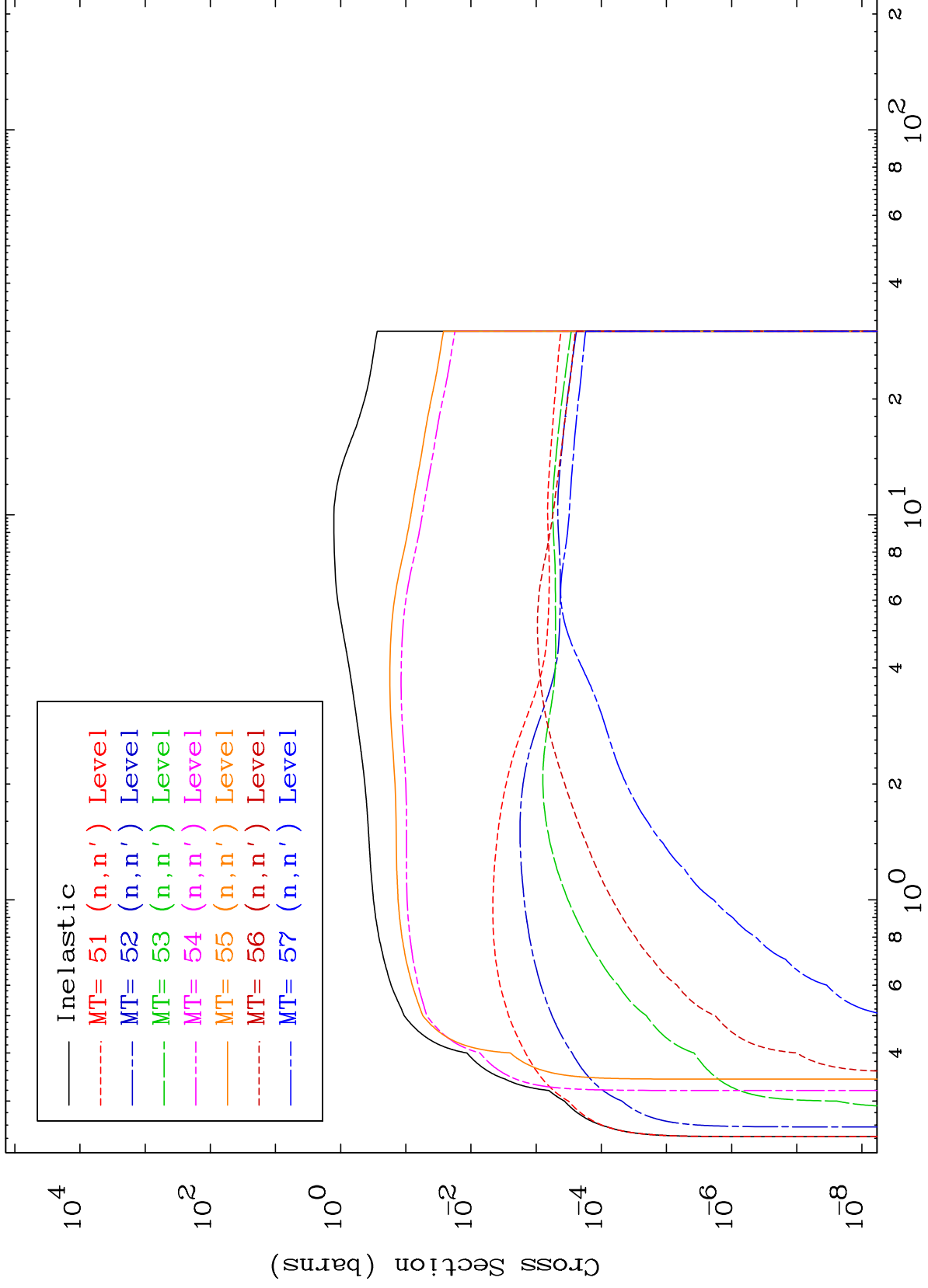




MAT 7871

(n,n') Levels  
293 Kelvin Cross Sections

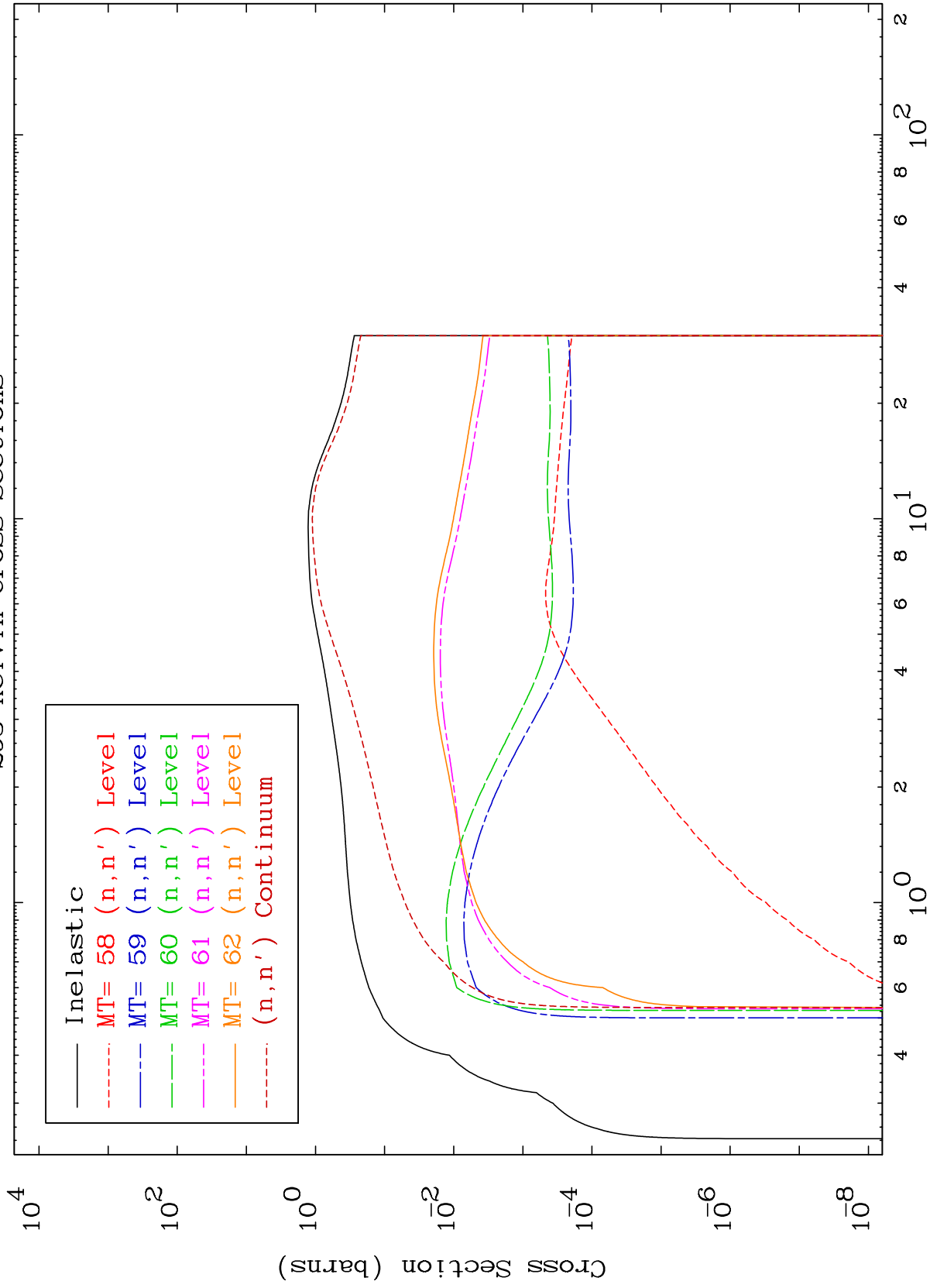
79-Au-179



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Incident Energy (MeV)

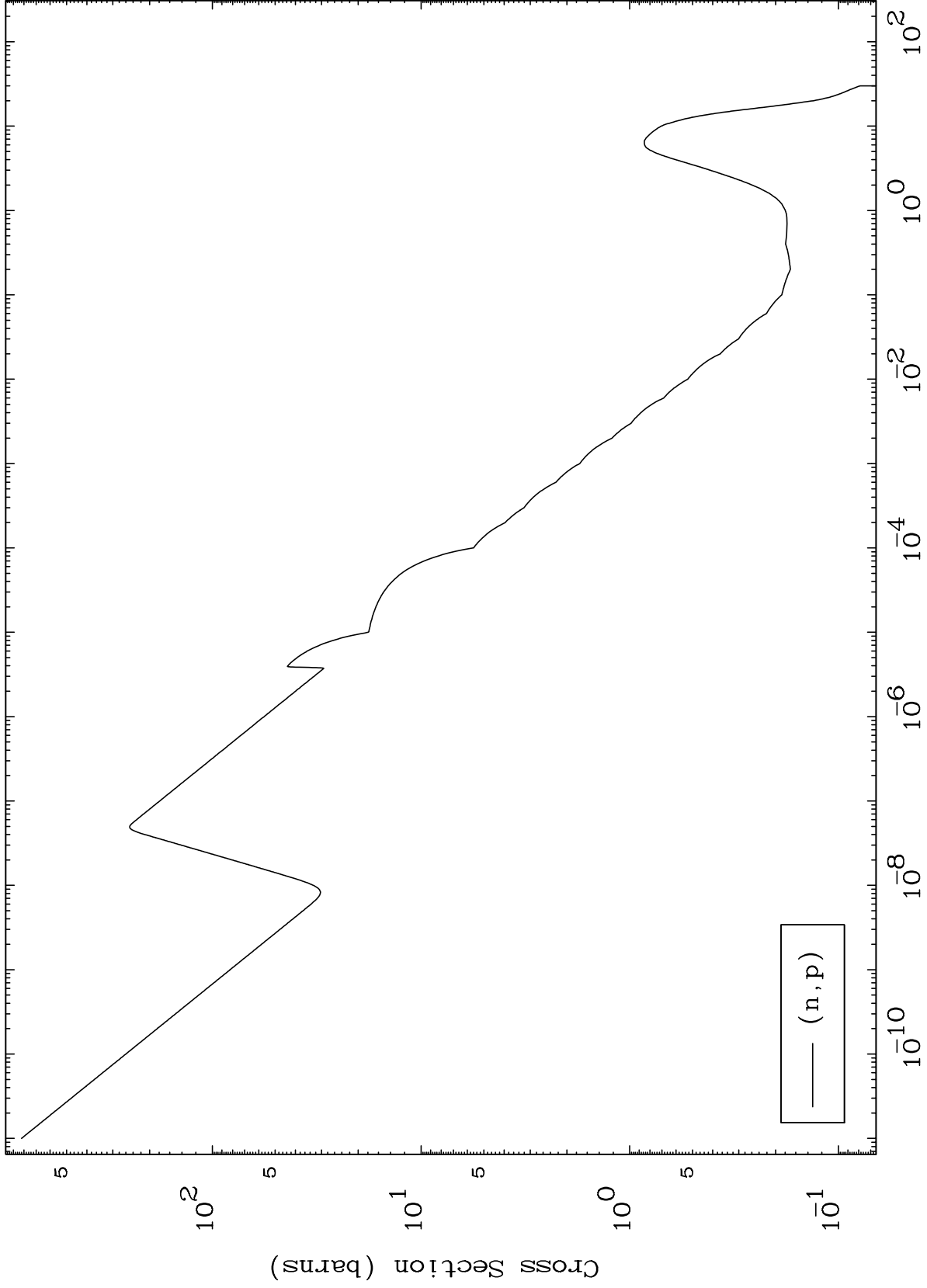
79-Au-179



MAT 7871

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-179



12

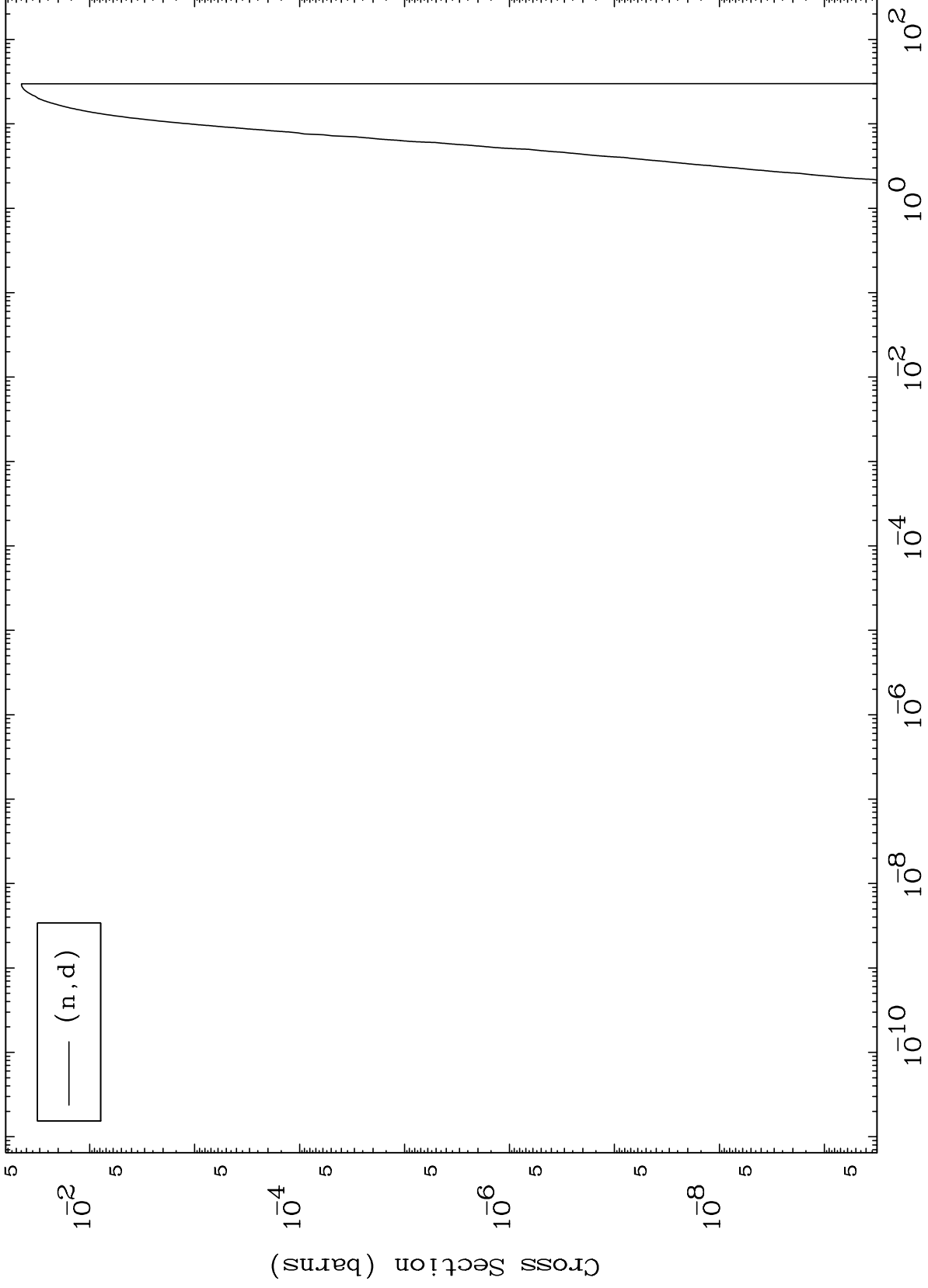
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-179



13

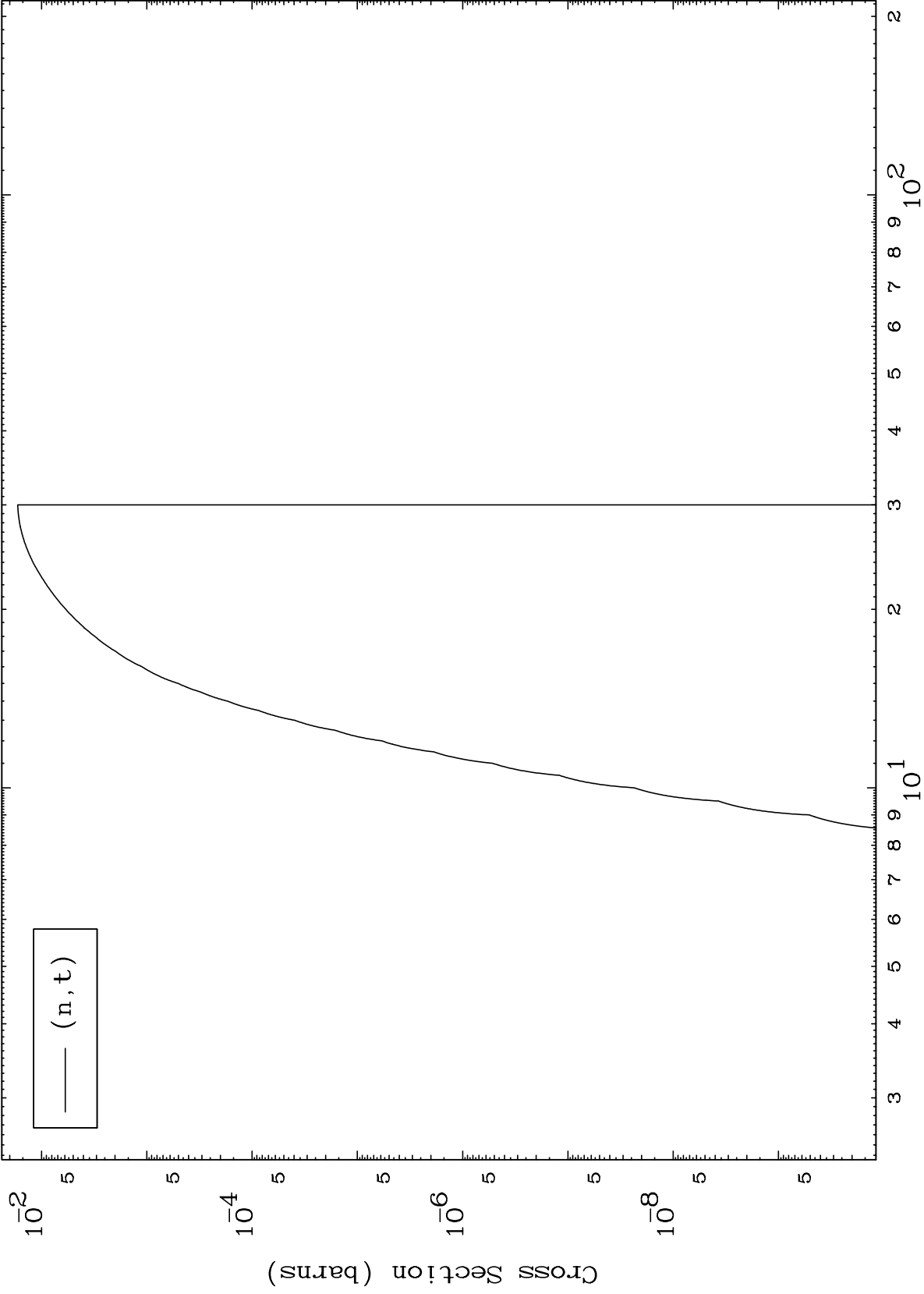
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-179



14

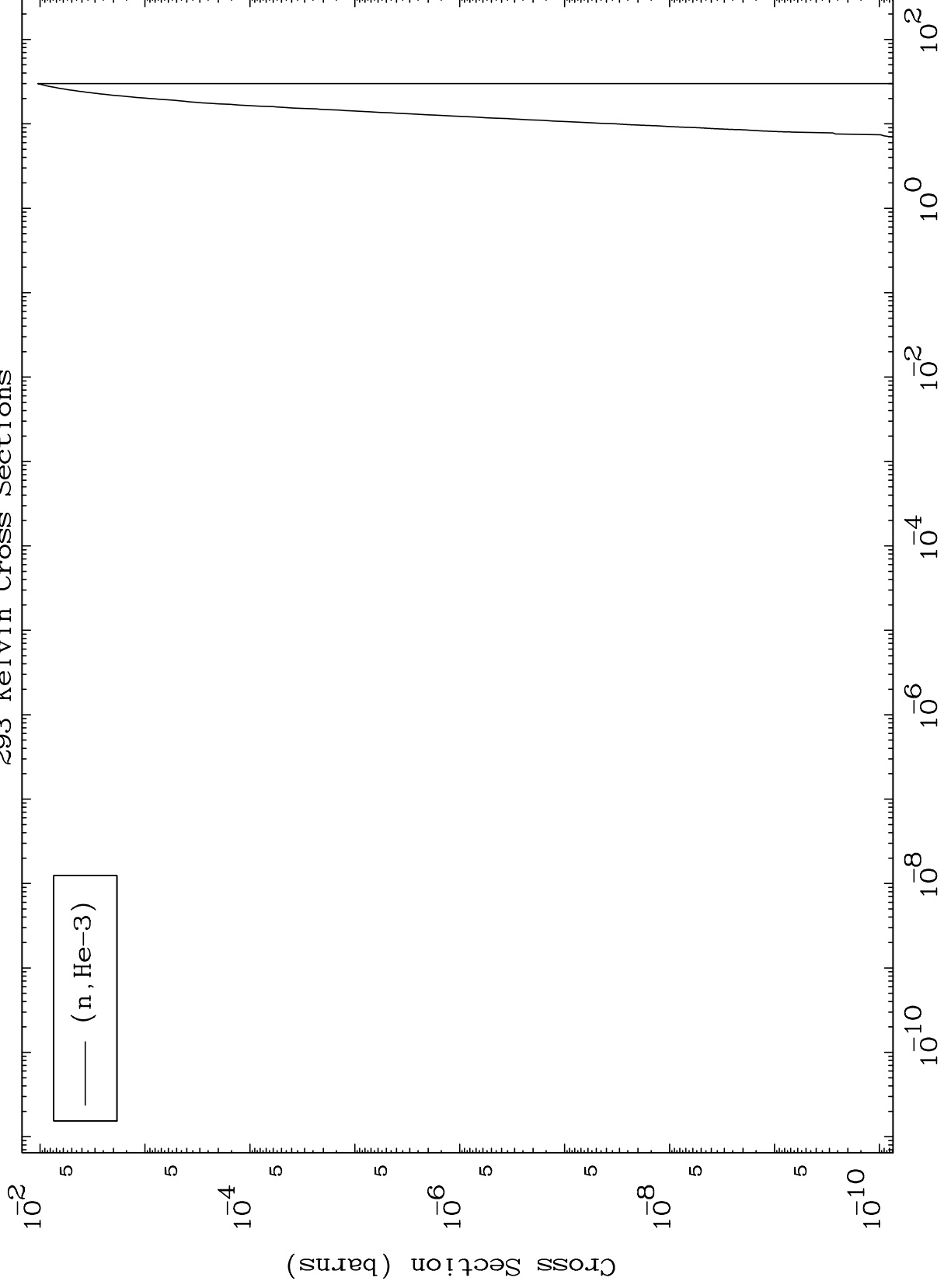
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-179



15

Incident Energy (MeV)

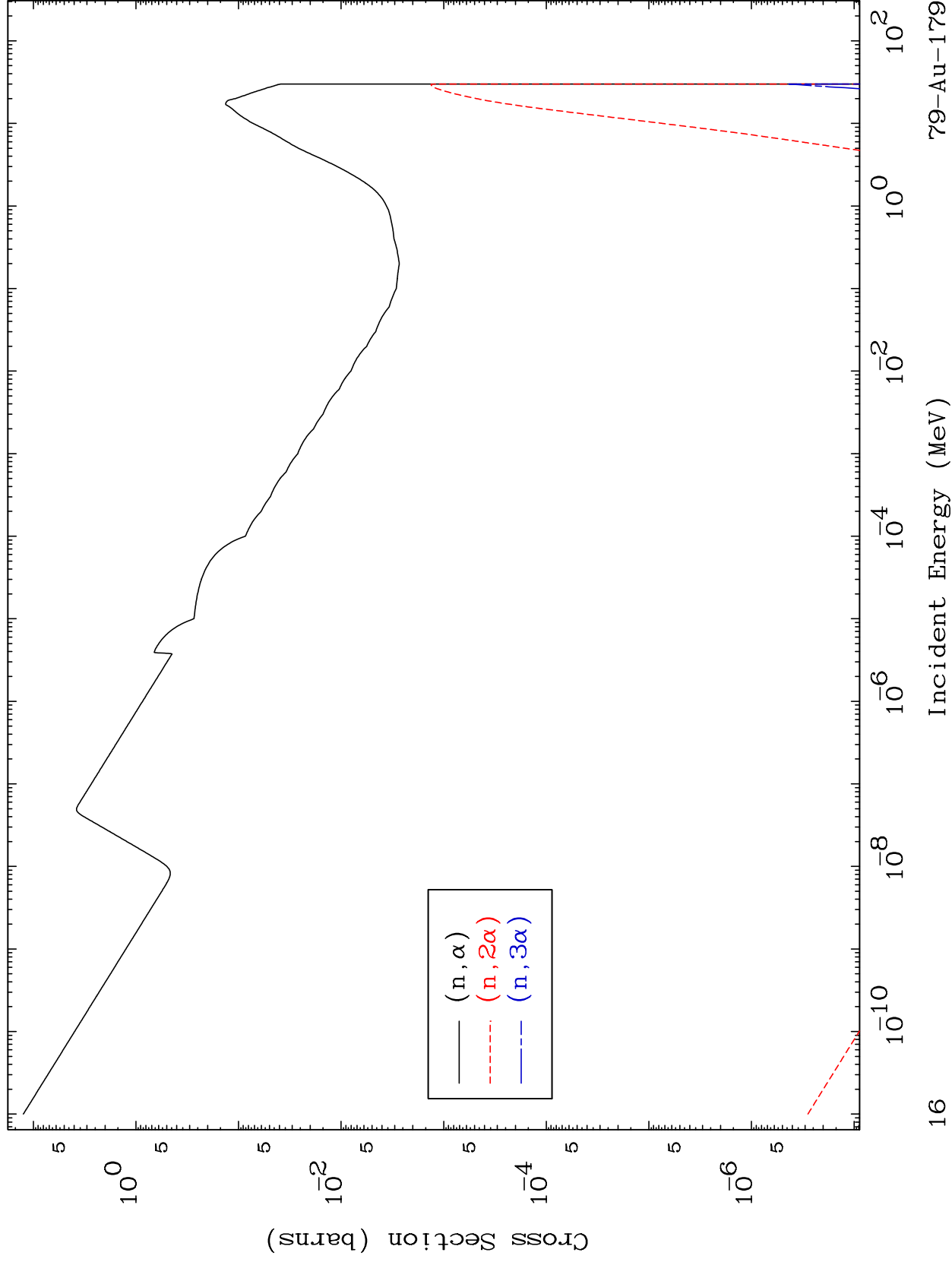
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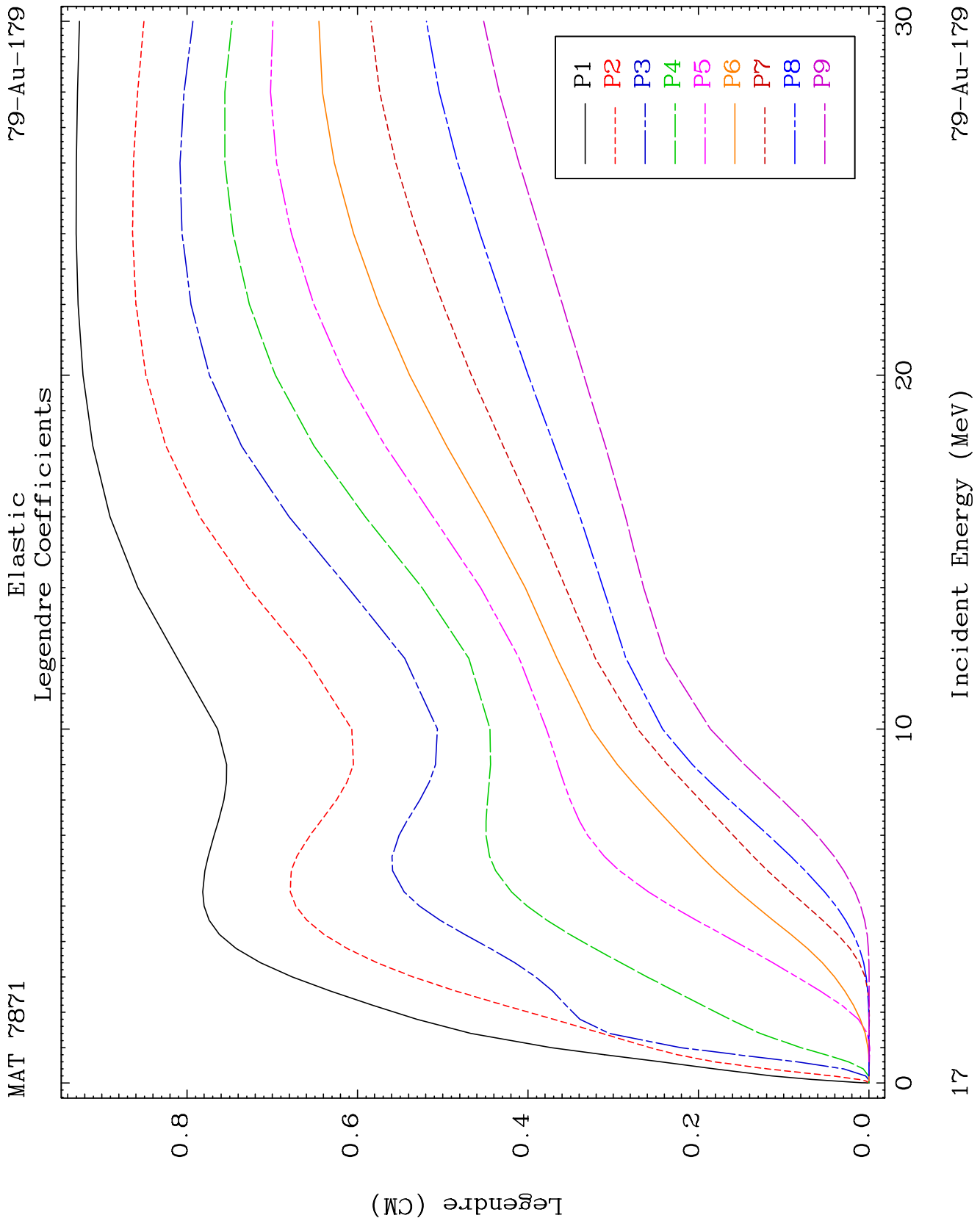


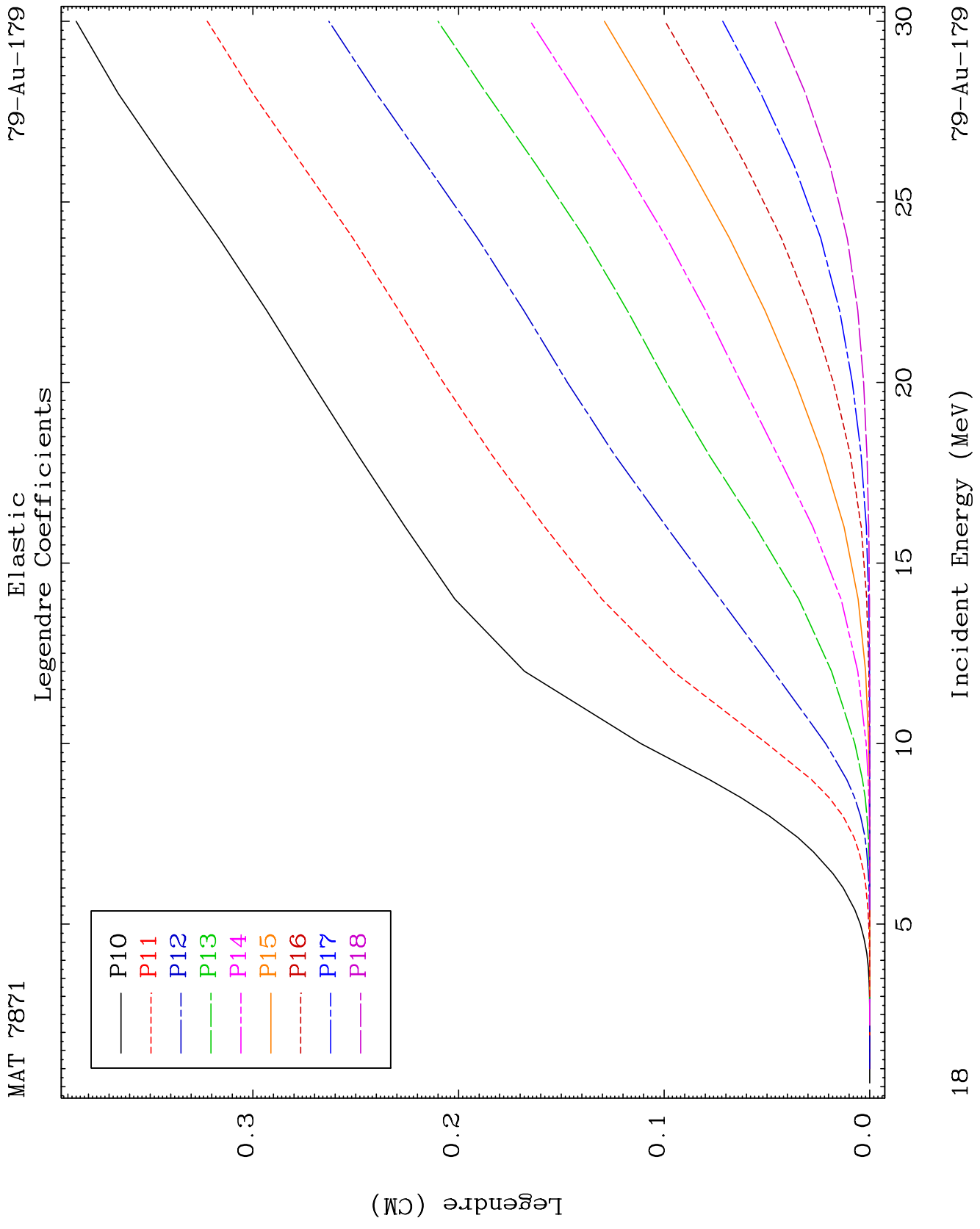
MAT 7871

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

79-Au-179



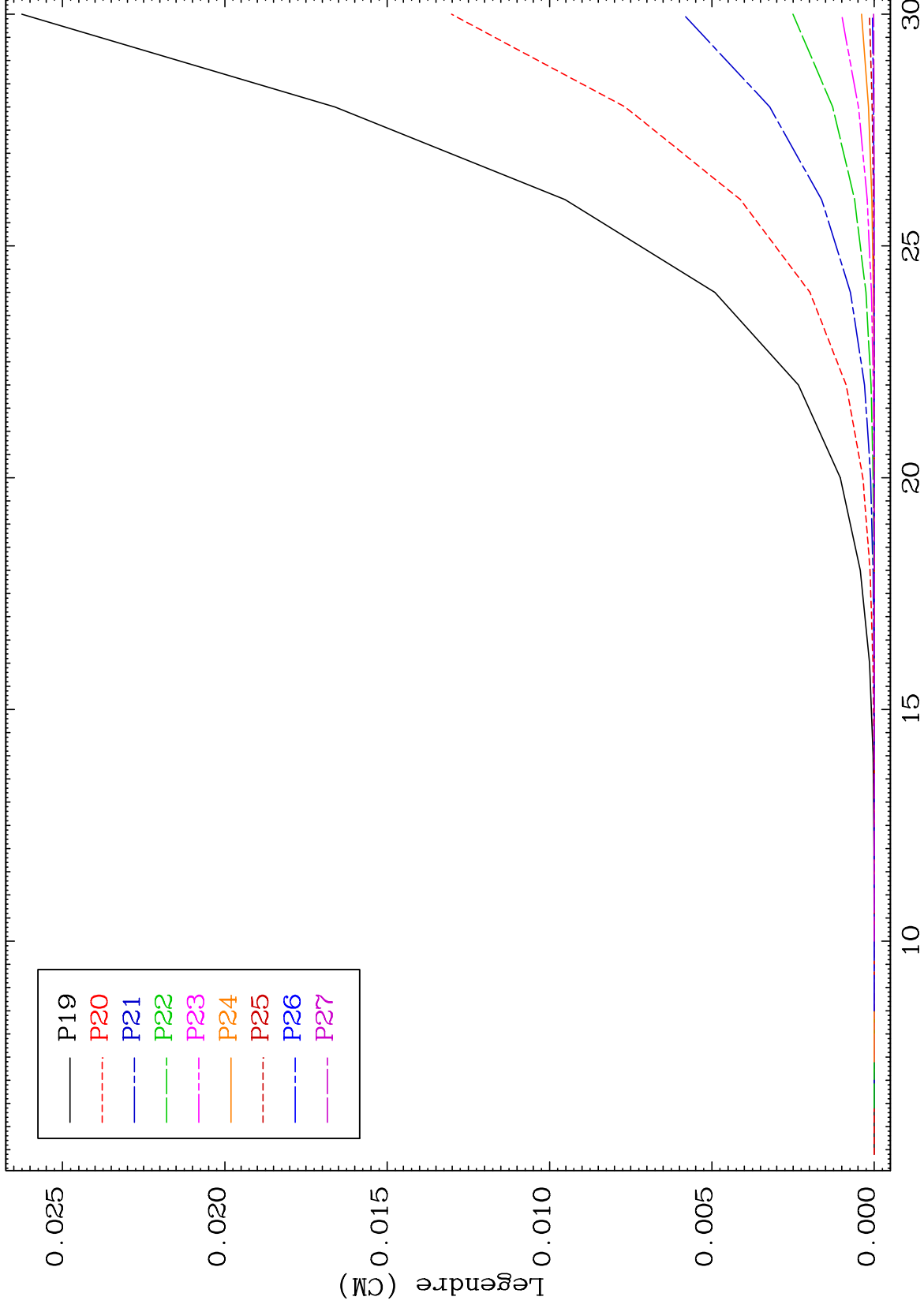




MAT 7871

Elastic Legendre Coefficients

79-Au-179



19

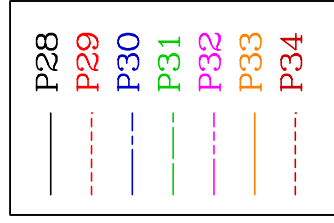
Incident Energy (MeV)

79-Au-179

MAT 7871

Elastic  
Legendre Coefficients

79-Au-179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

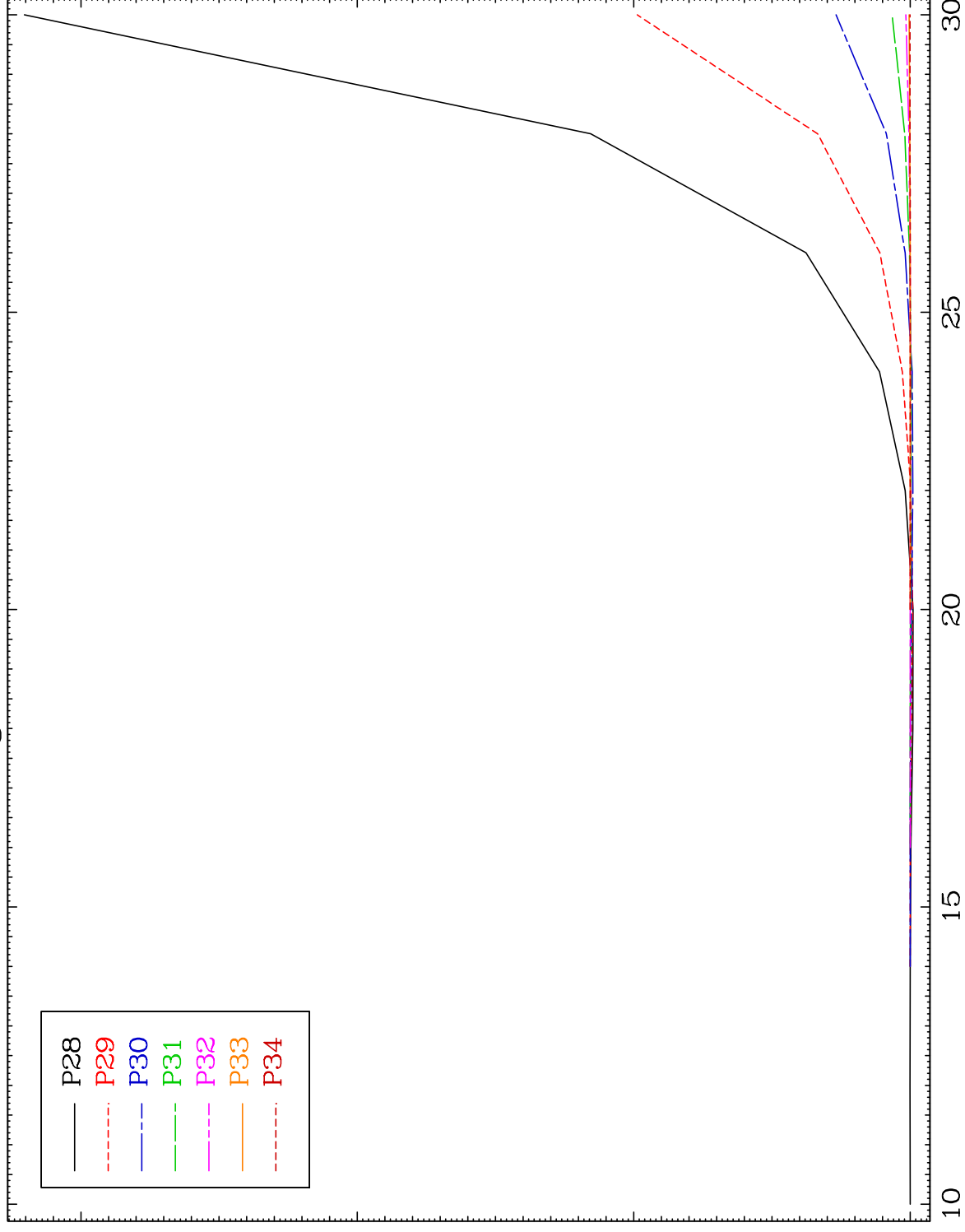
25

30

20

Incident Energy (MeV)

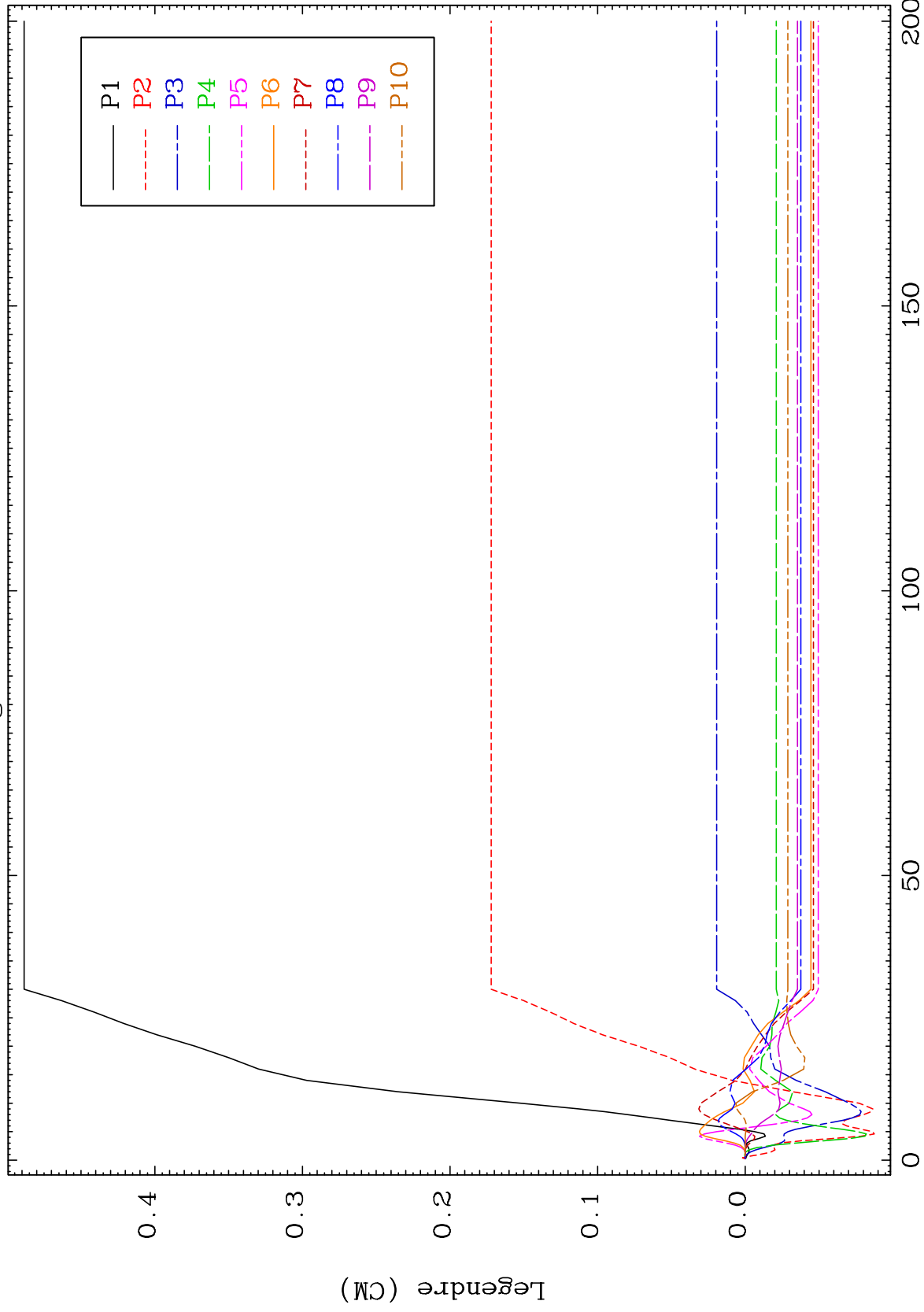
79-Au-179



MAT 7871

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

79-Au-179



21

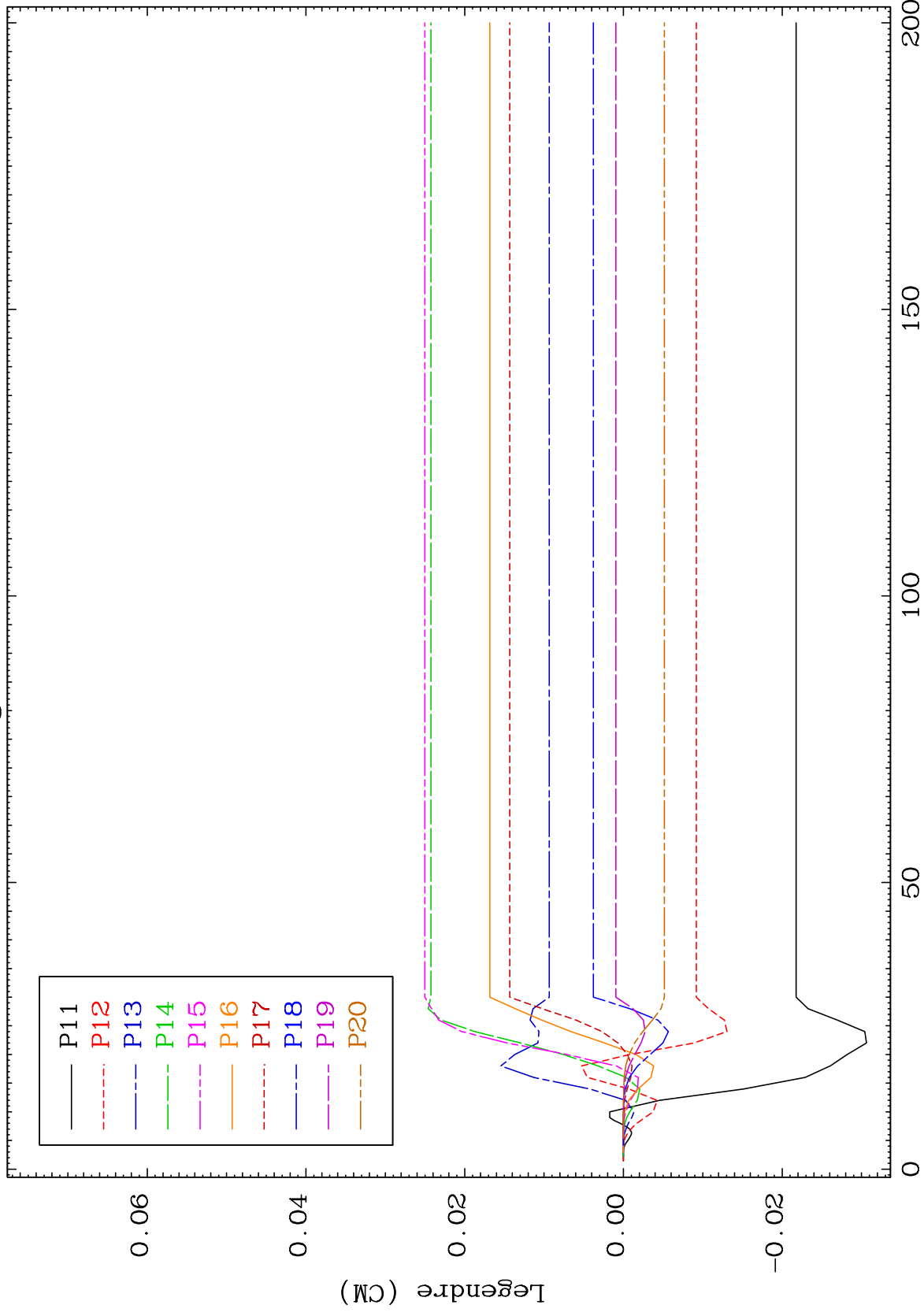
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



22

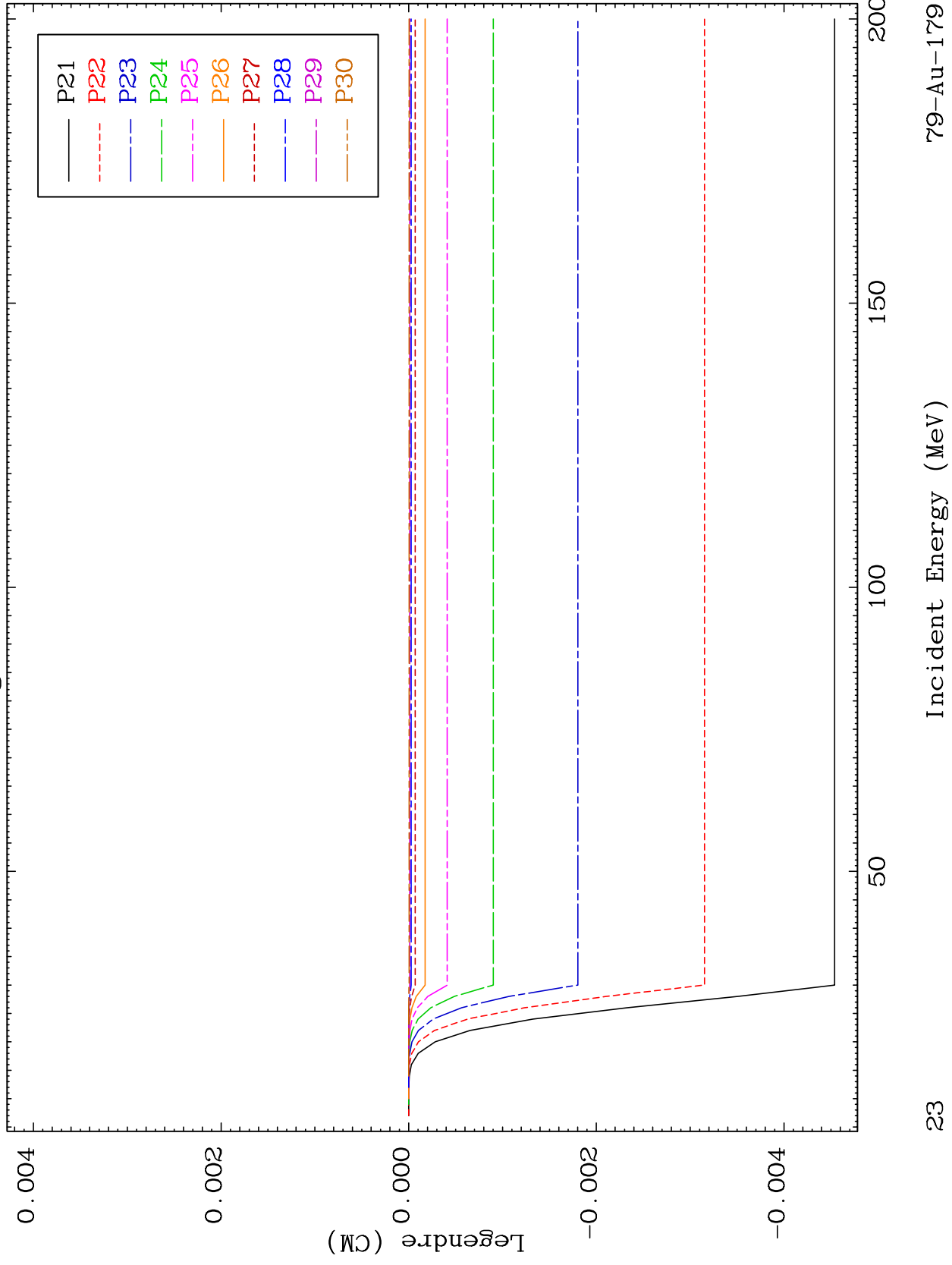
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179

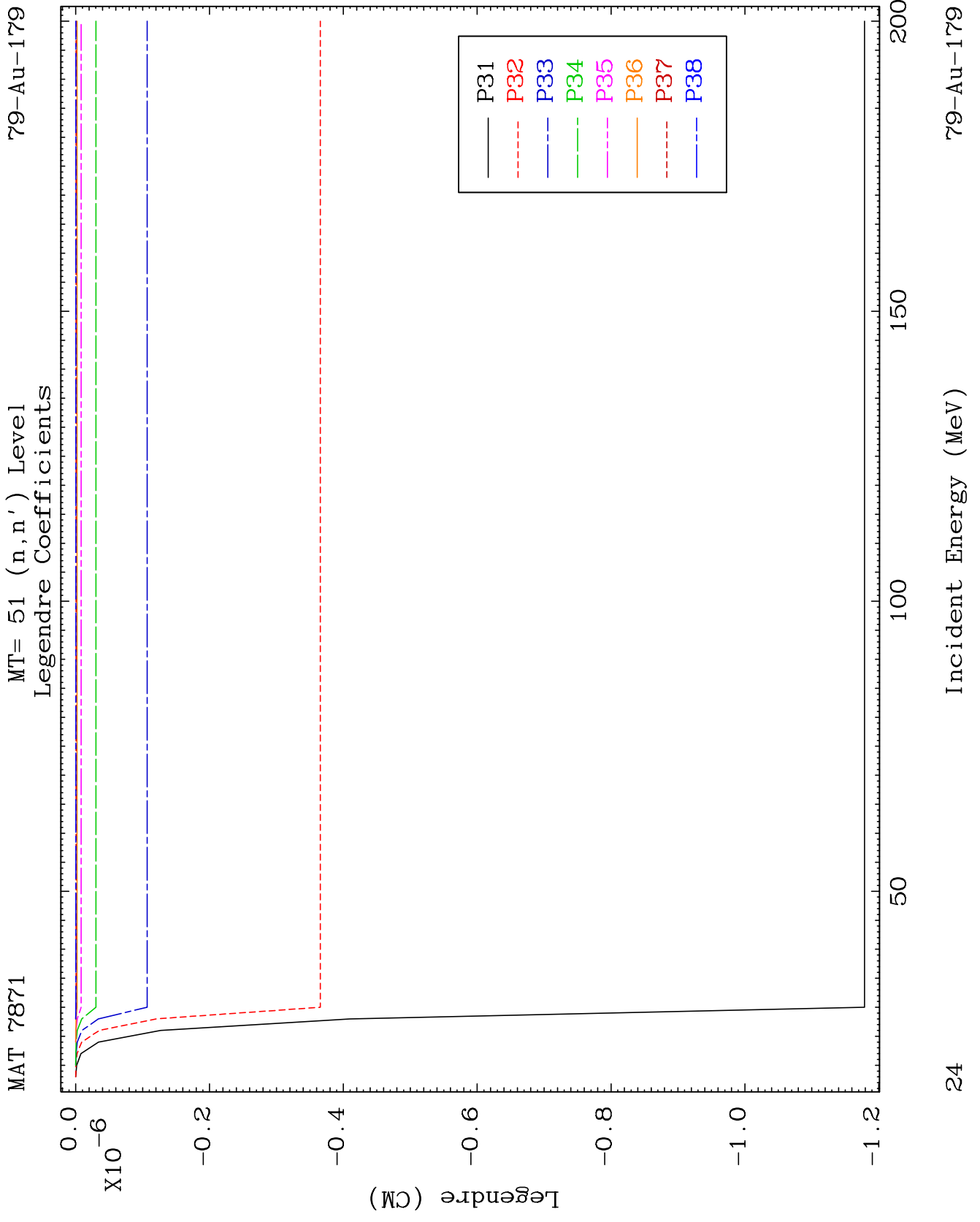


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Incident Energy (MeV)

79-Au-179

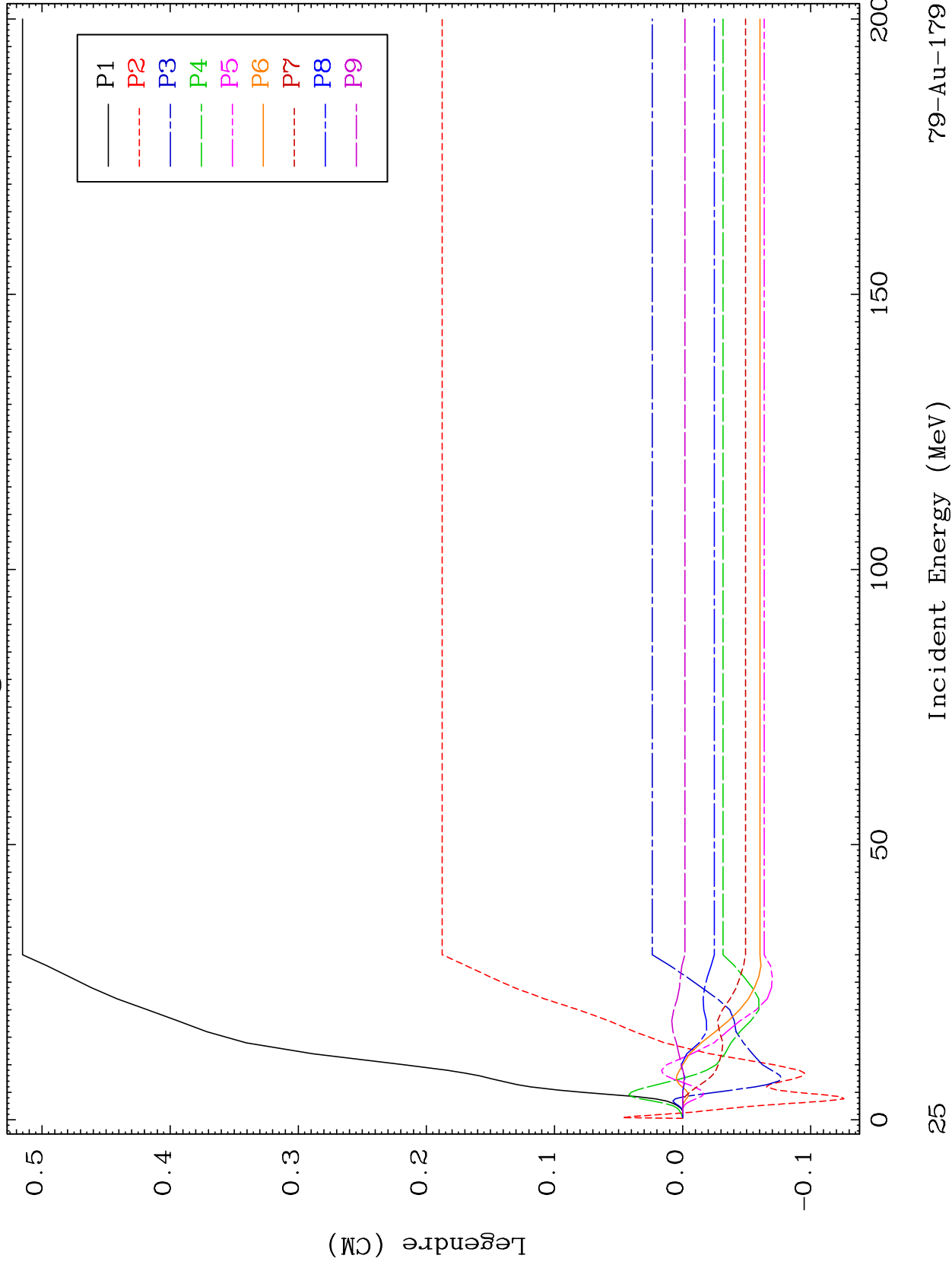




MAT 7871

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

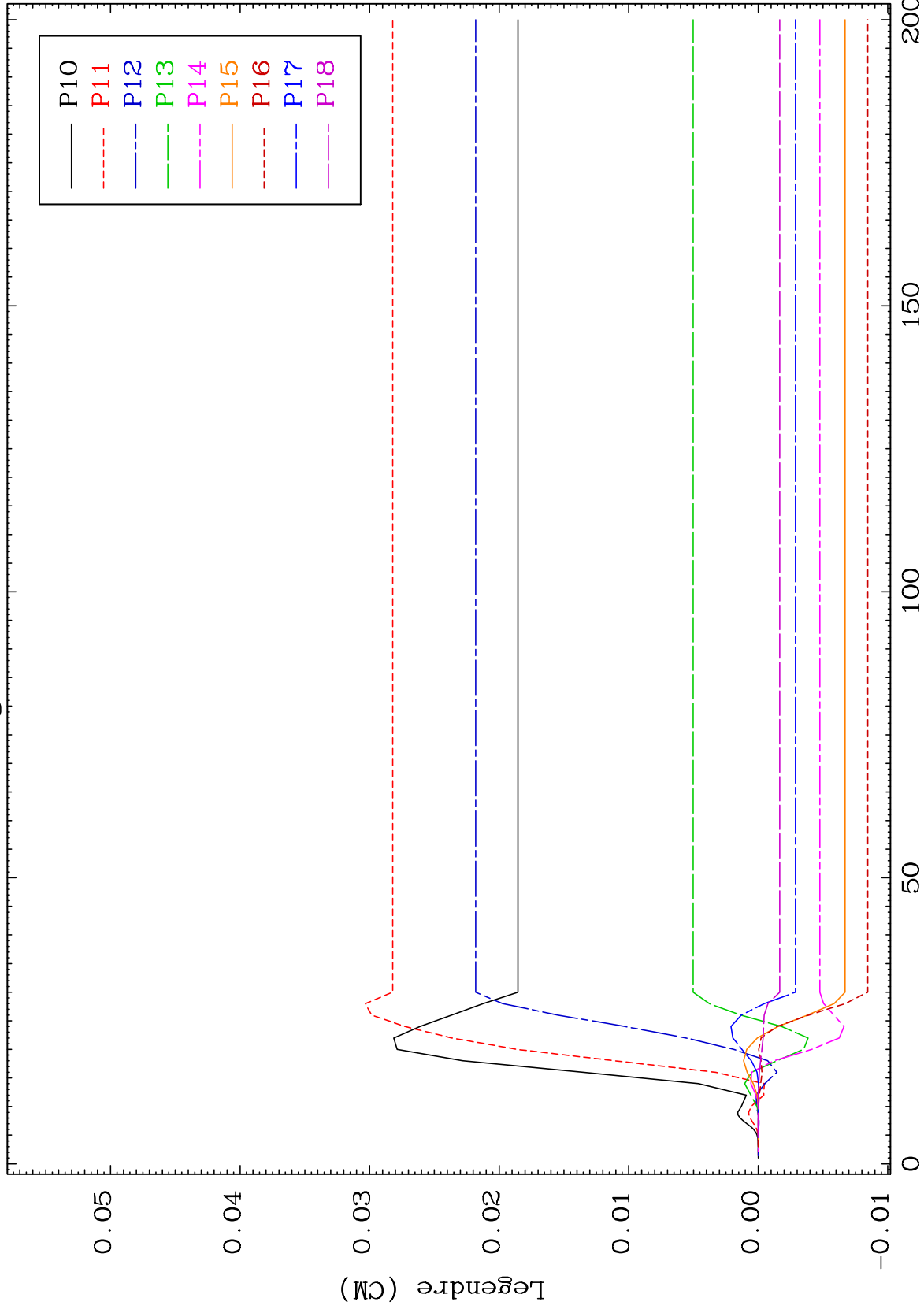
79-Au-179



MAT 7871

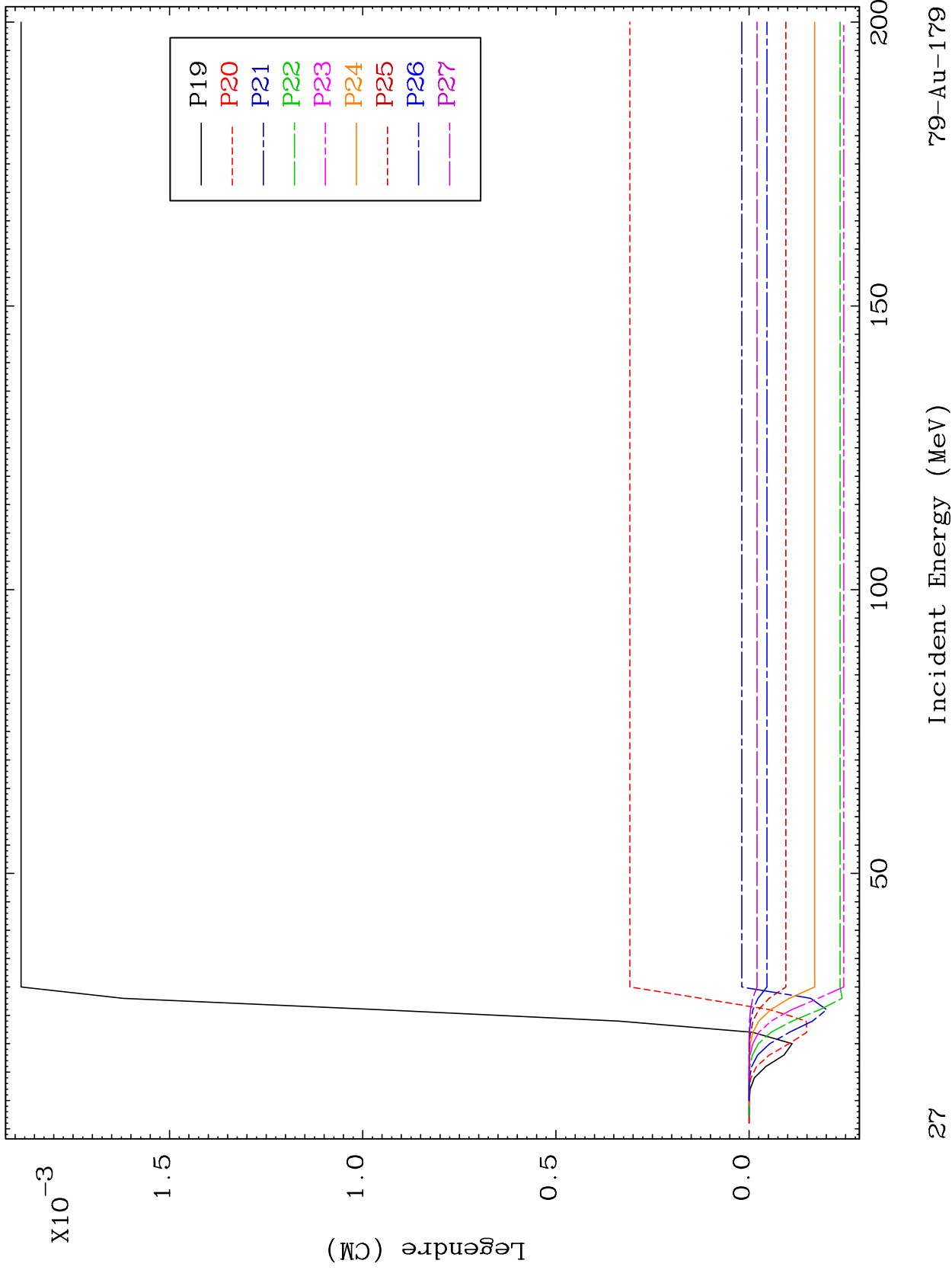
MT= 52 (n,n') Level  
Legendre Coefficients

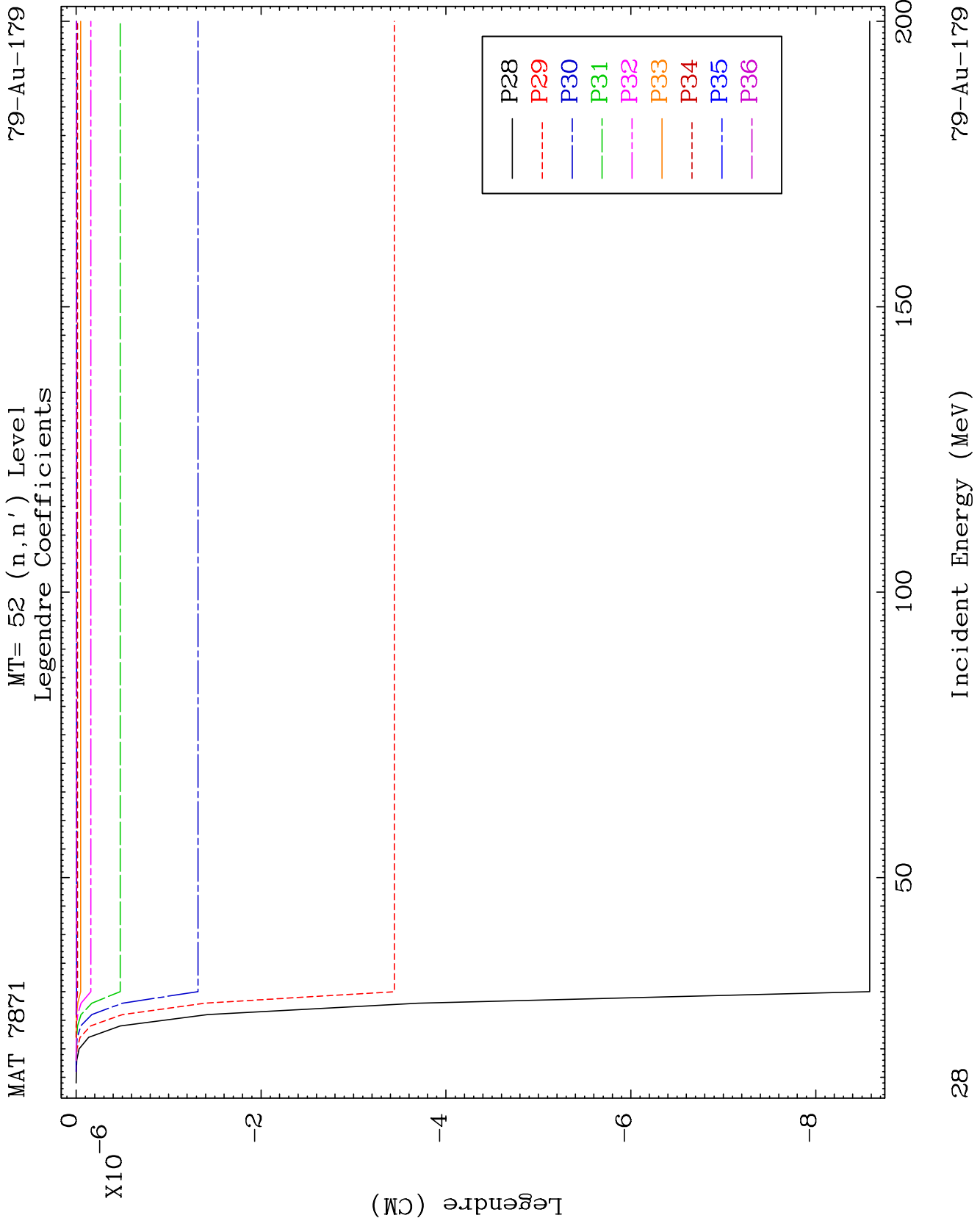
79-Au-179



26

79-Au-179

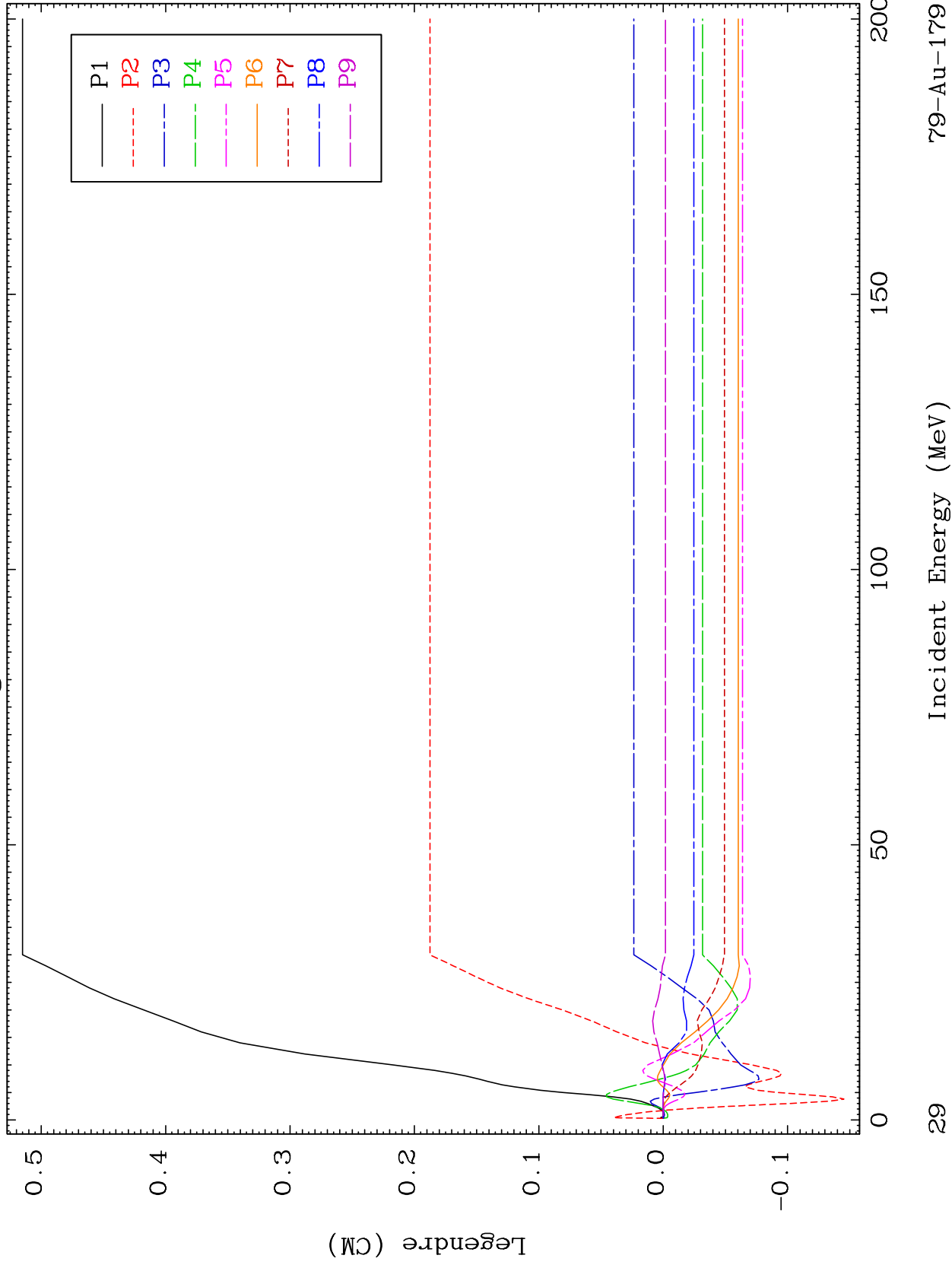




MAT 7871

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

79-Au-179



79-Au-179

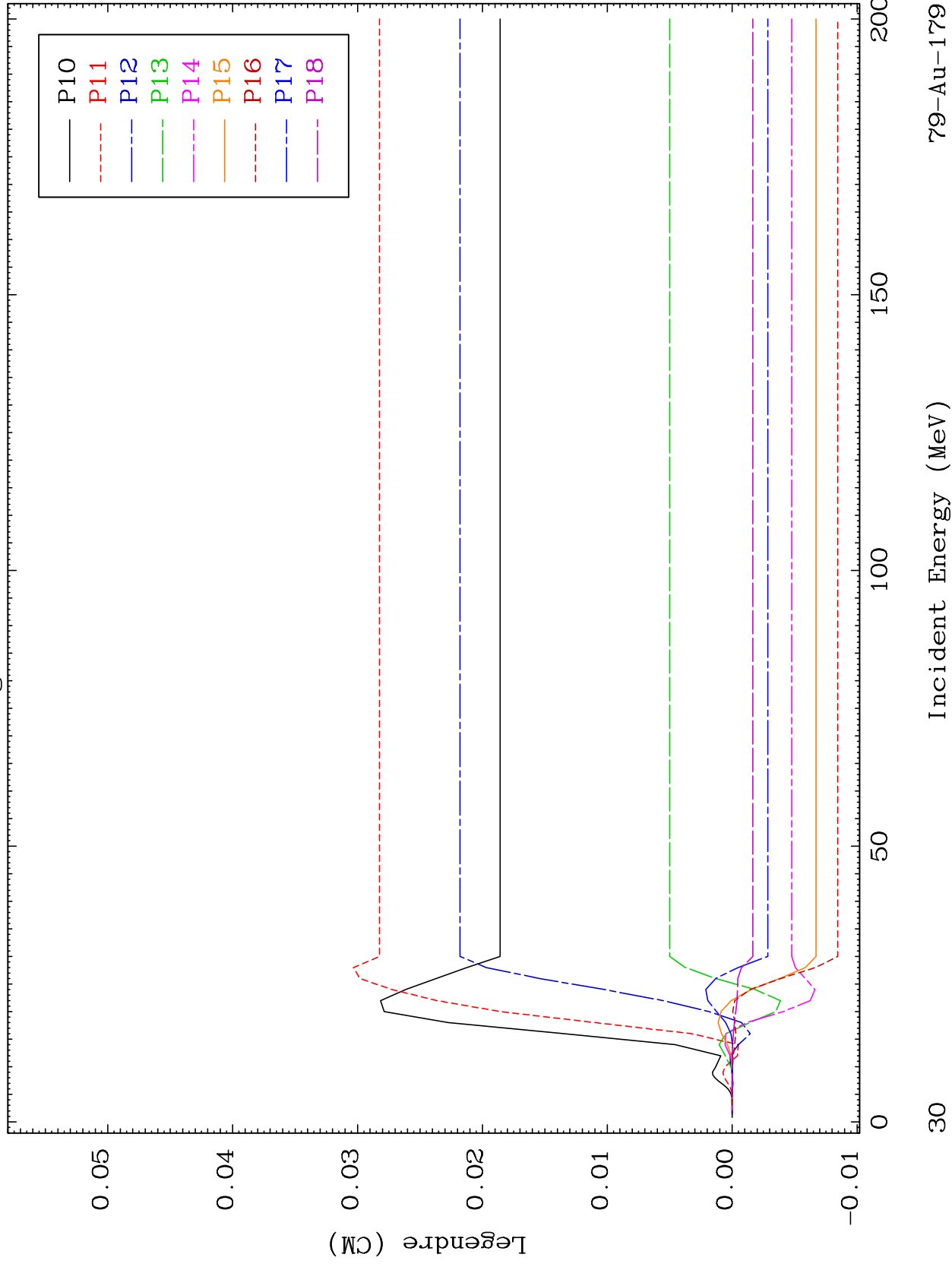
Incident Energy (MeV)

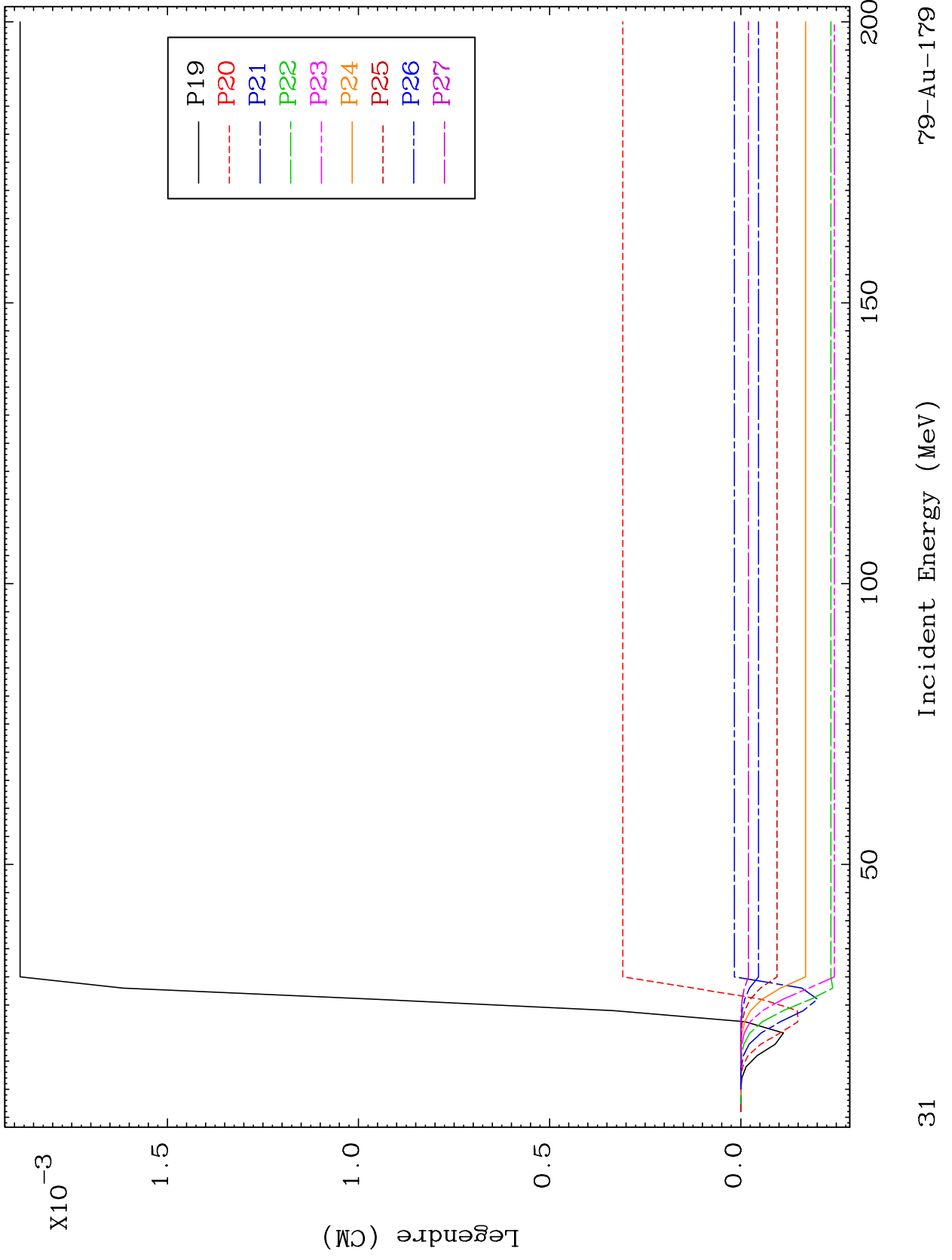
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MAT 7871

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

79-Au-179



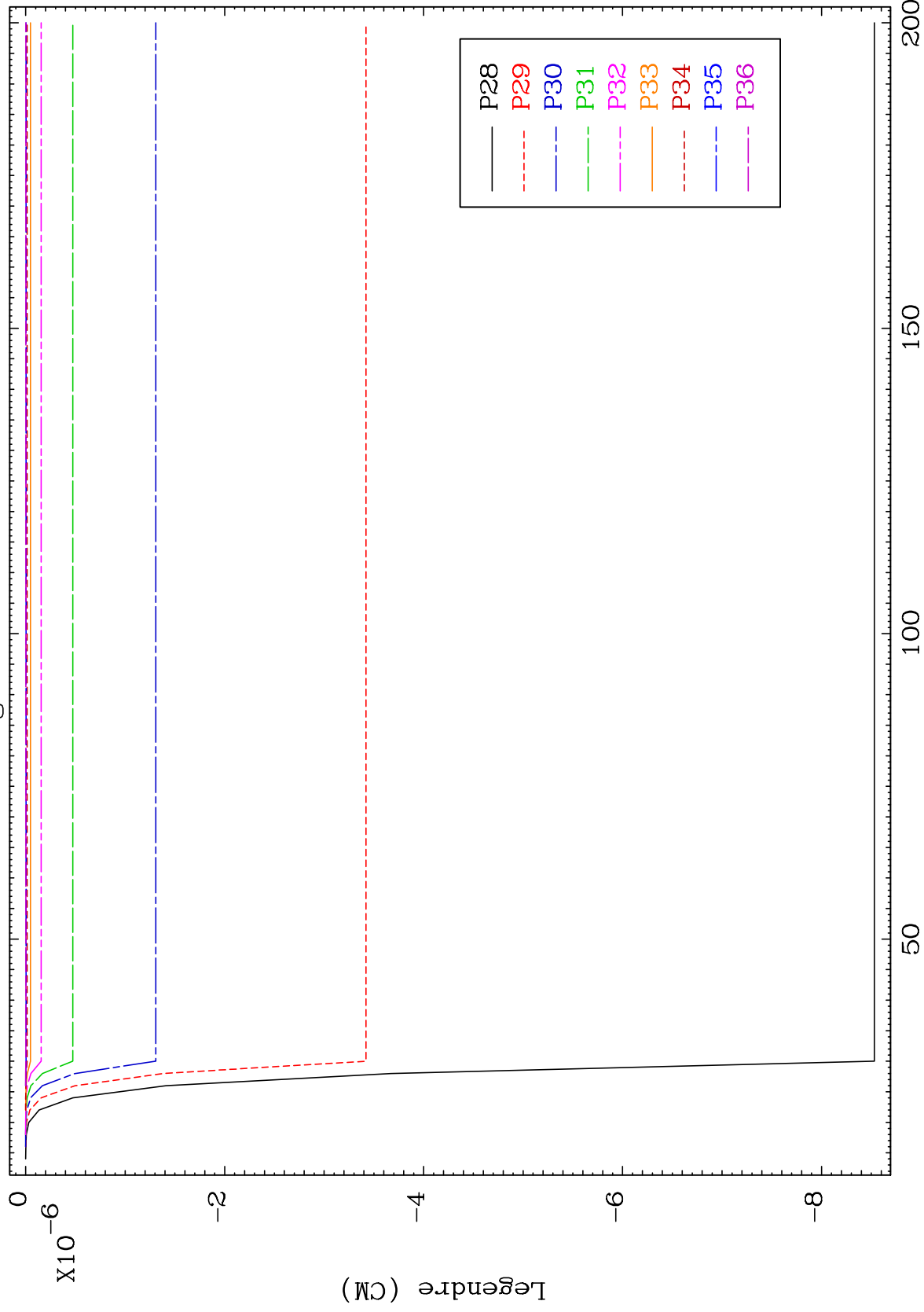




MAT 7871

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

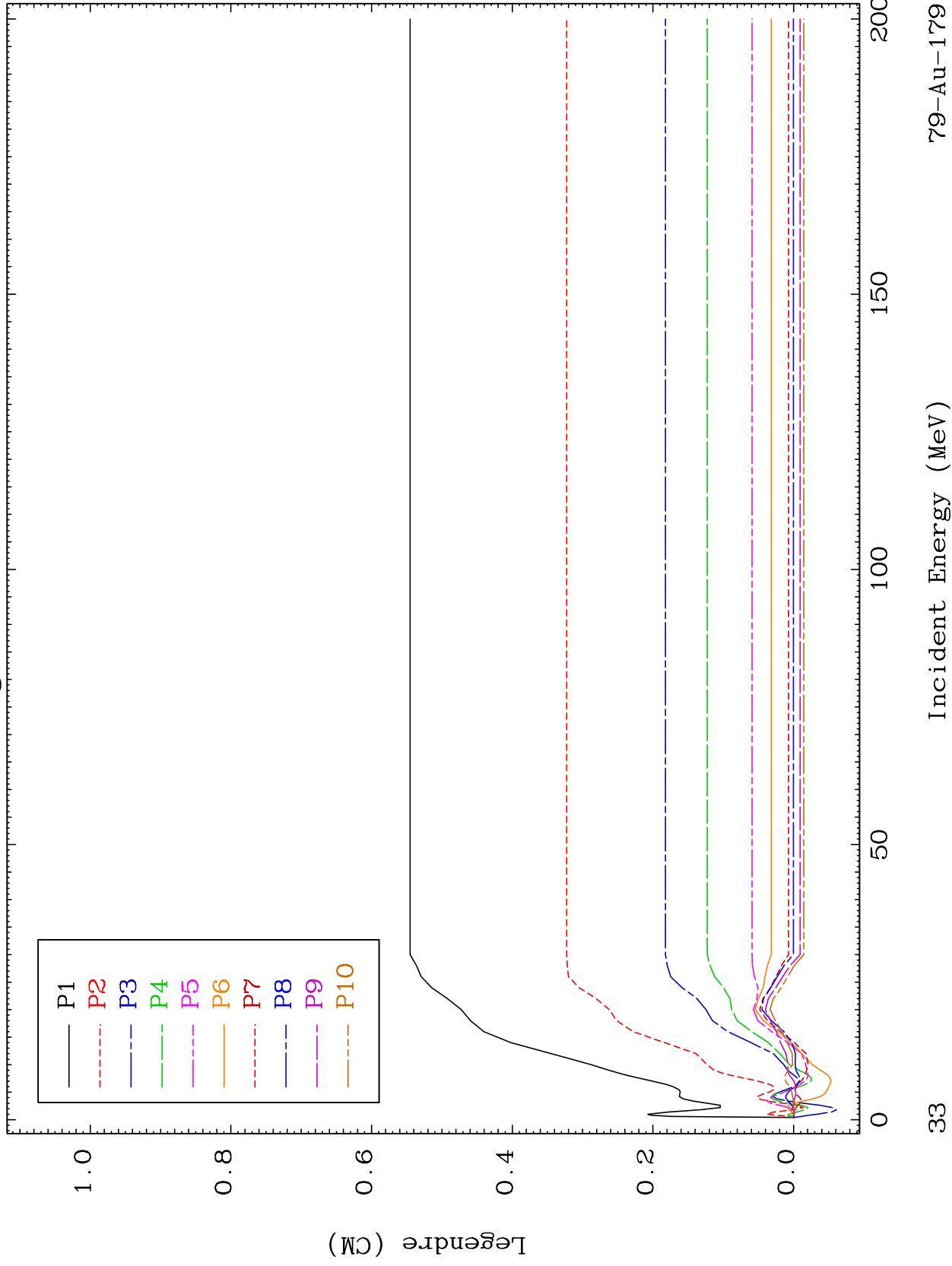
79-Au-179



32

Incident Energy (MeV)

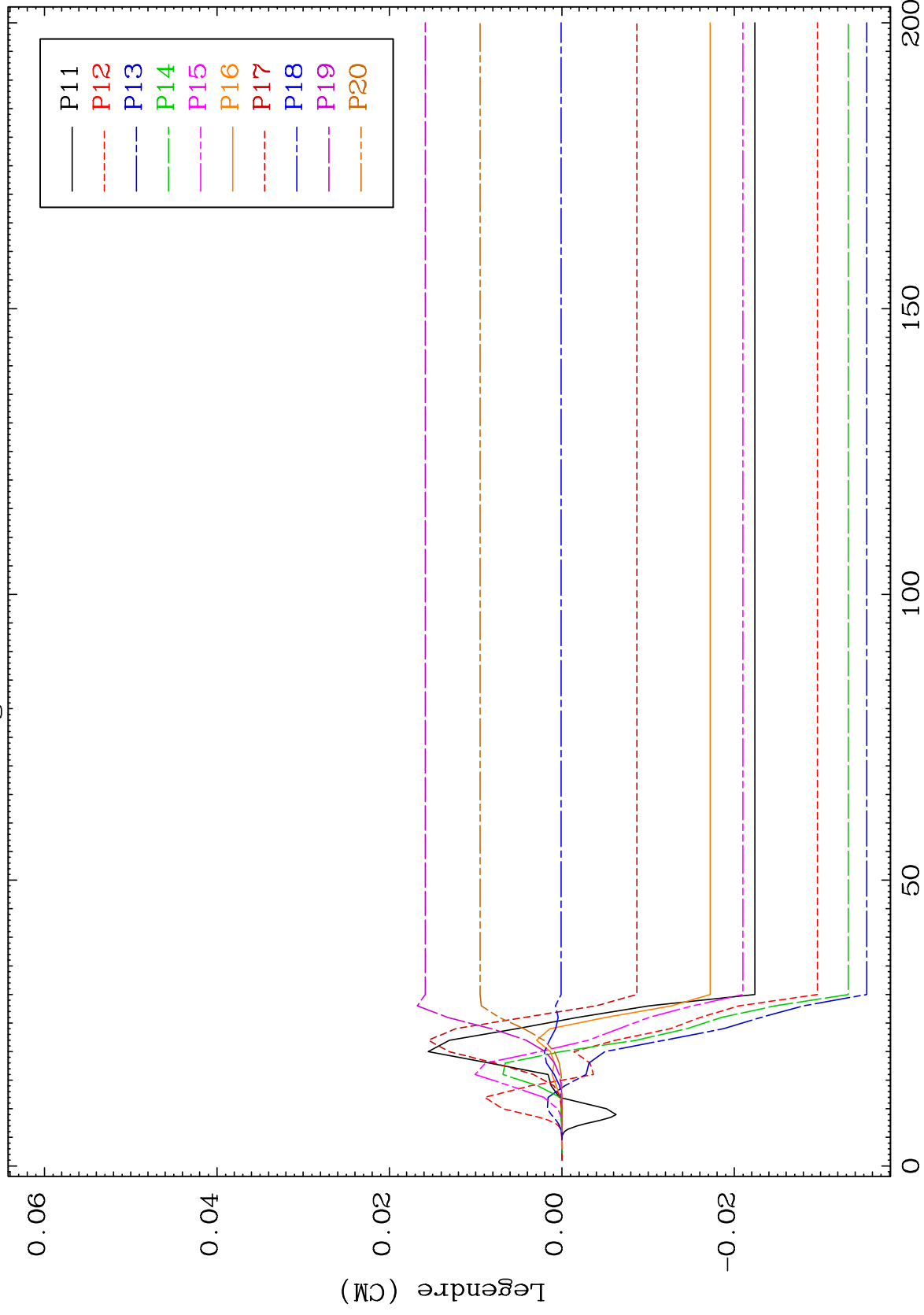
79-Au-179



MAT 7871

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

79-Au-179



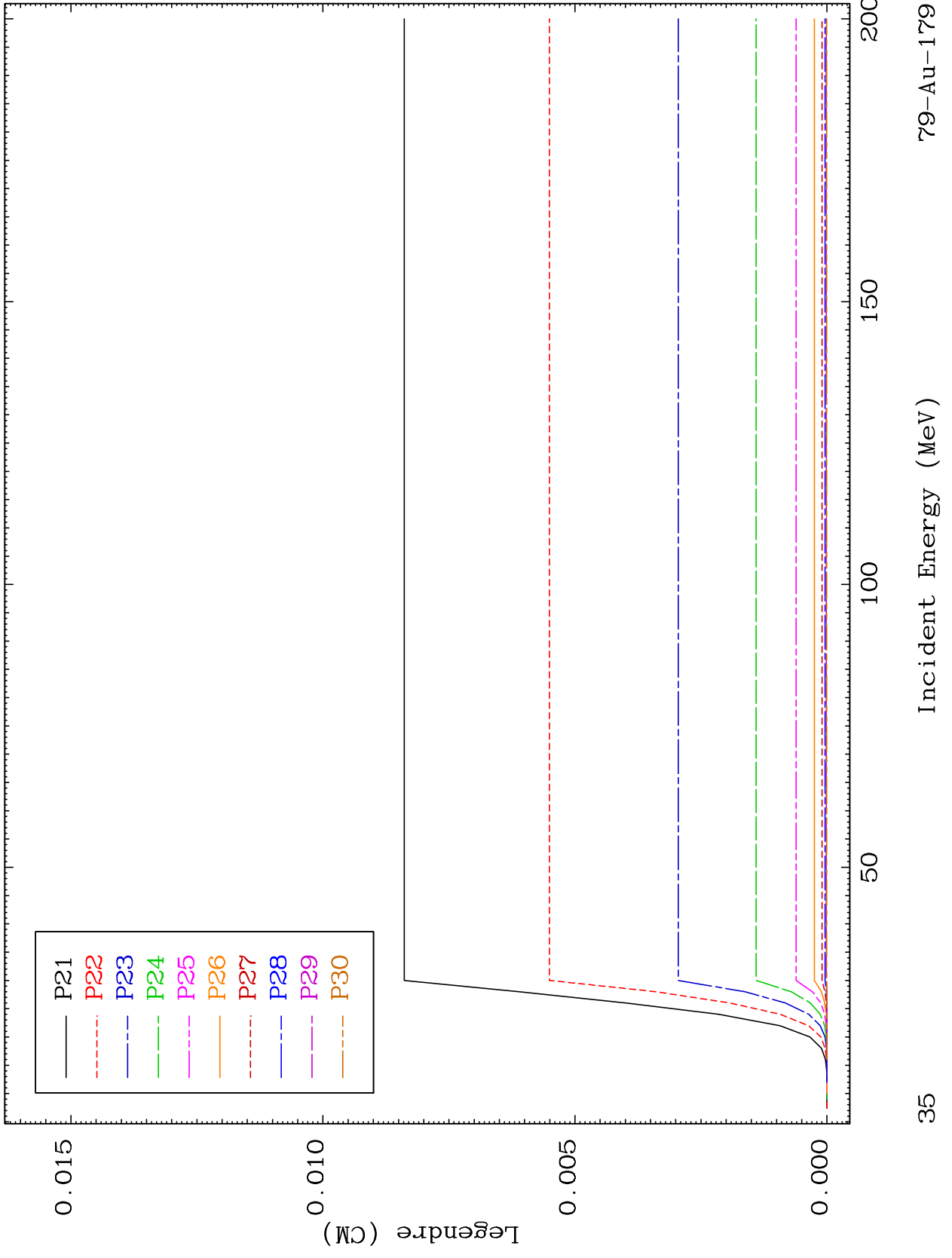
34

79-Au-179

MAT 7871

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

79-Au-179



35

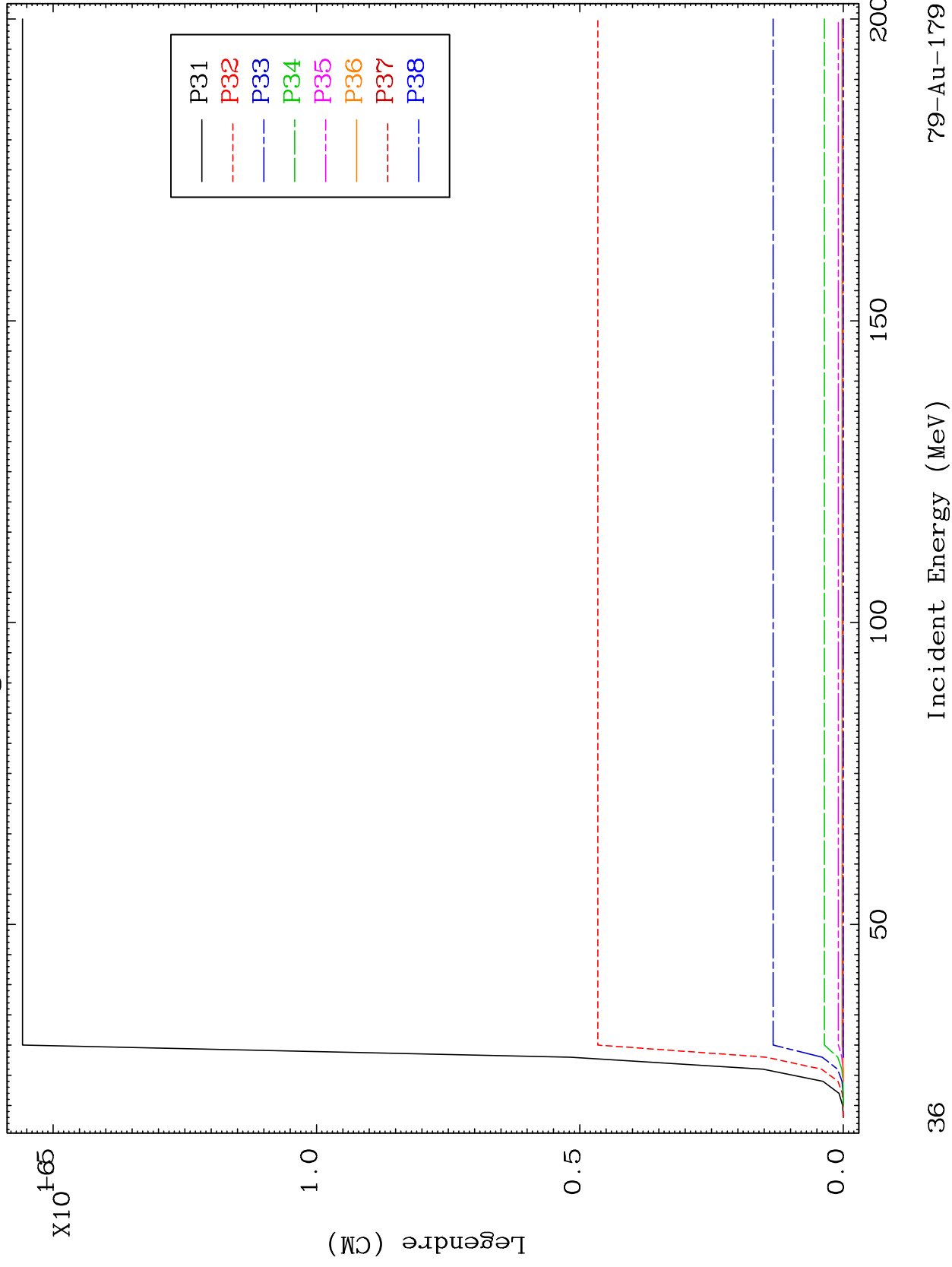
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



36

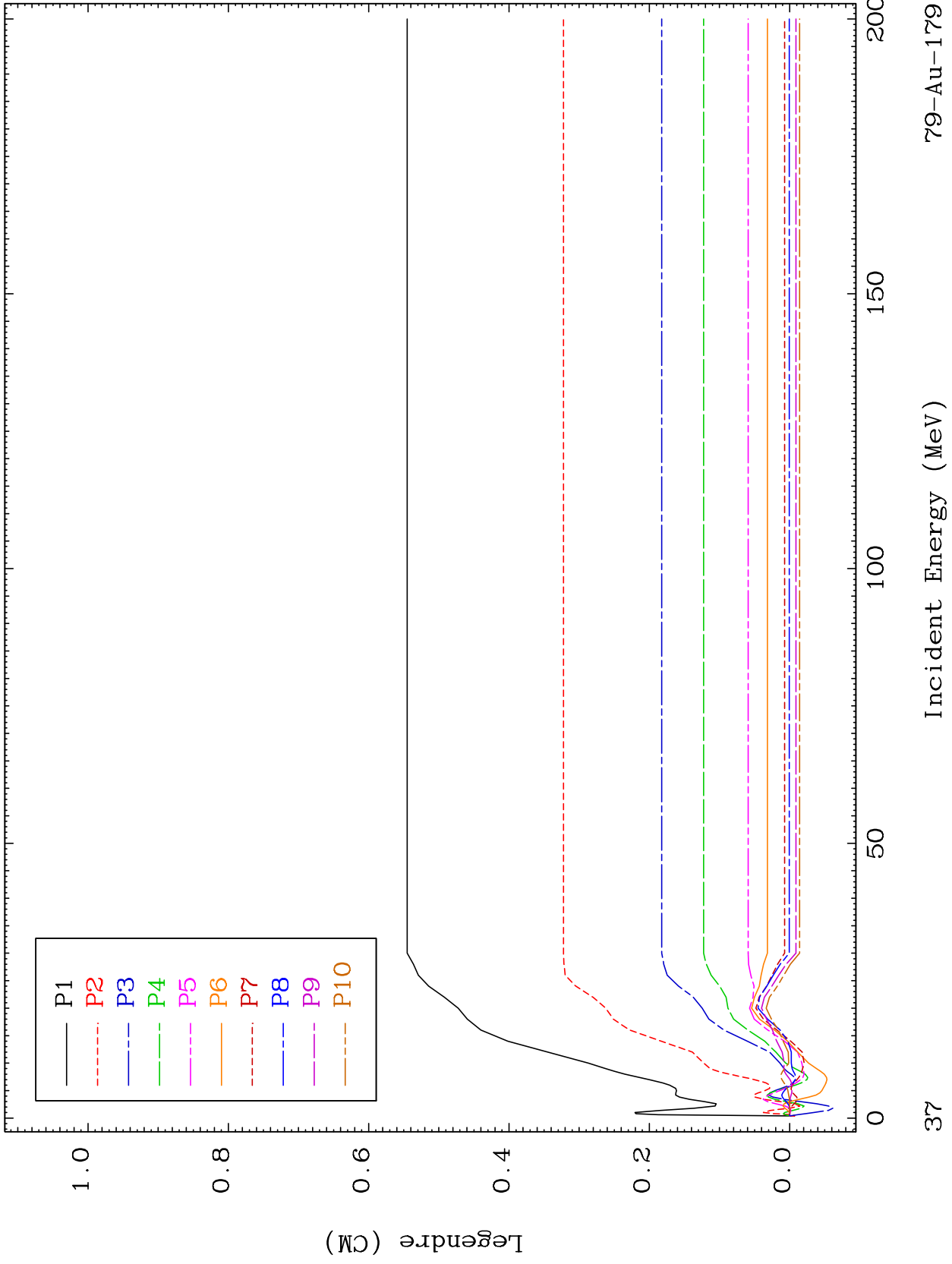
Incident Energy (MeV)

79-Au-179

MAT 7871

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

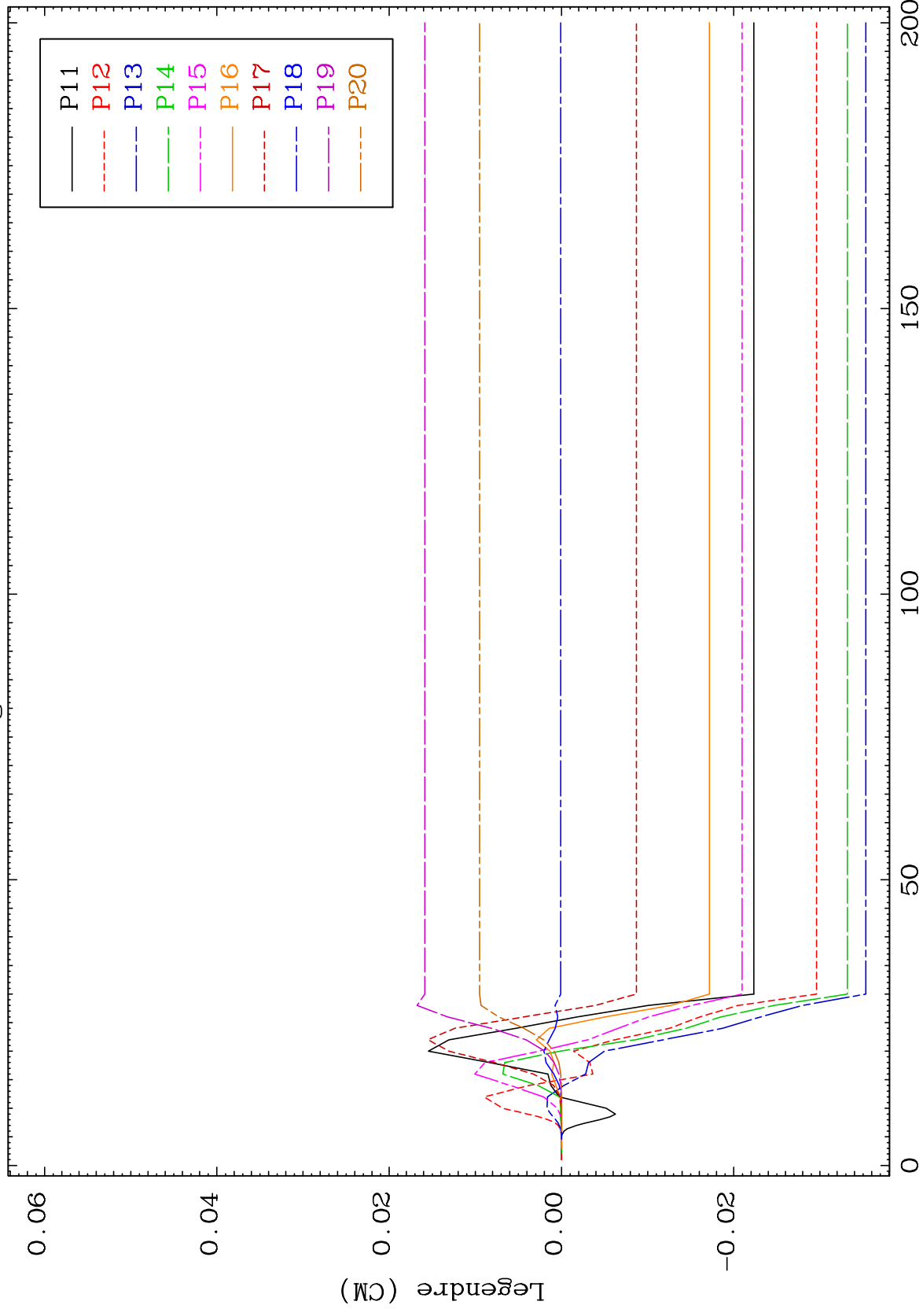
79-Au-179



MAT 7871

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

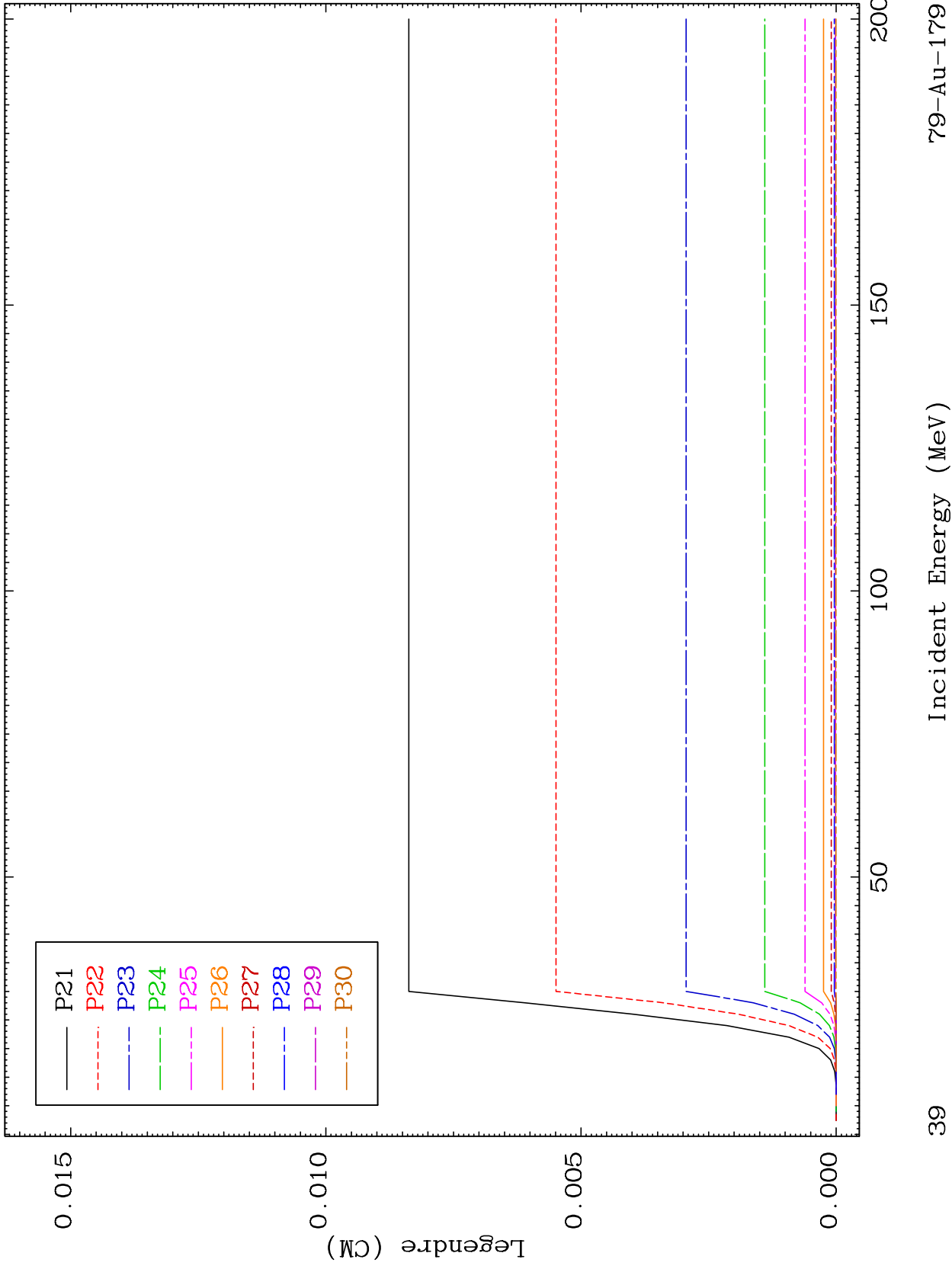
79-Au-179



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Incident Energy (MeV)

79-Au-179



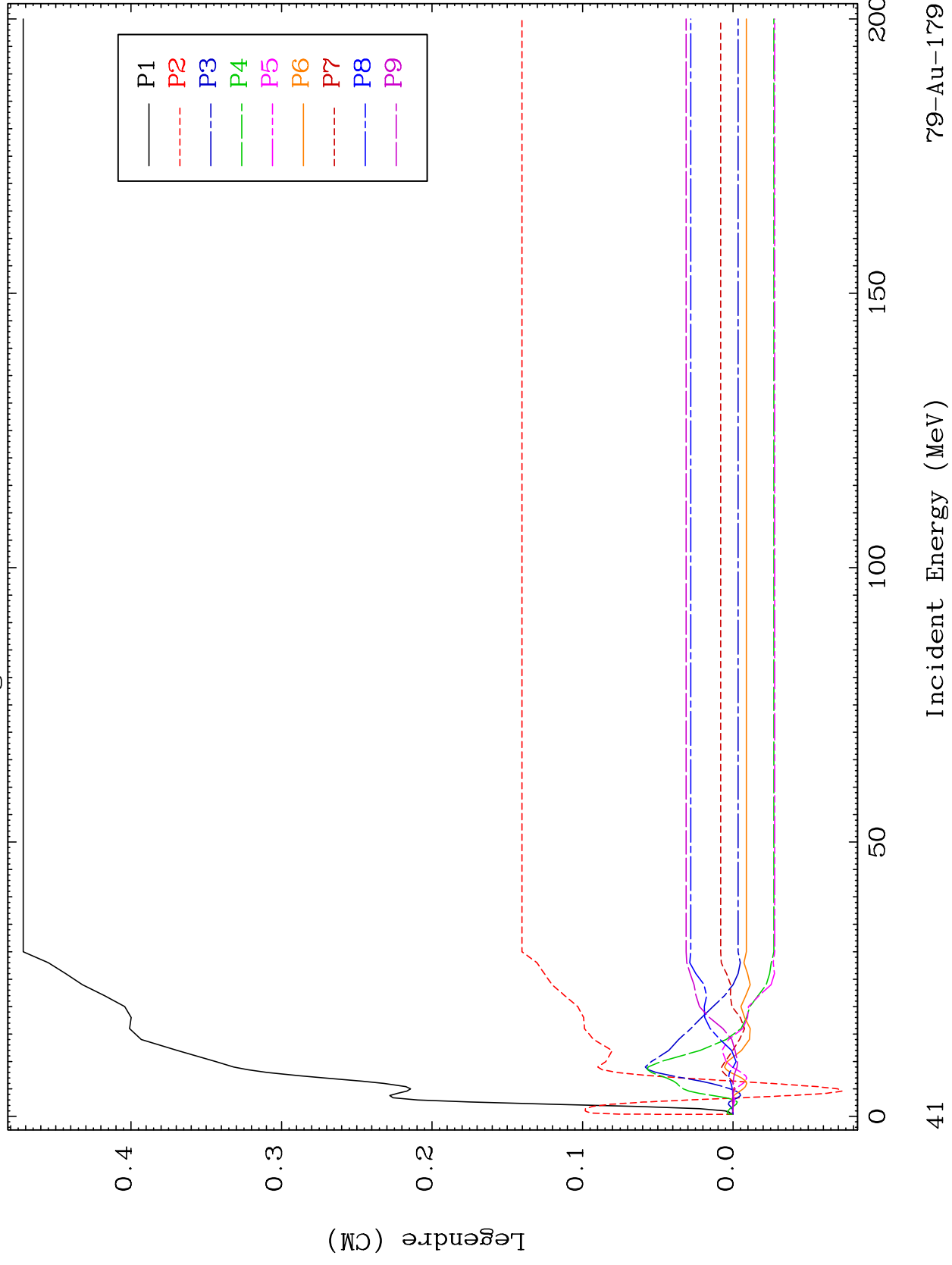




MAT 7871

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

79-Au-179



41

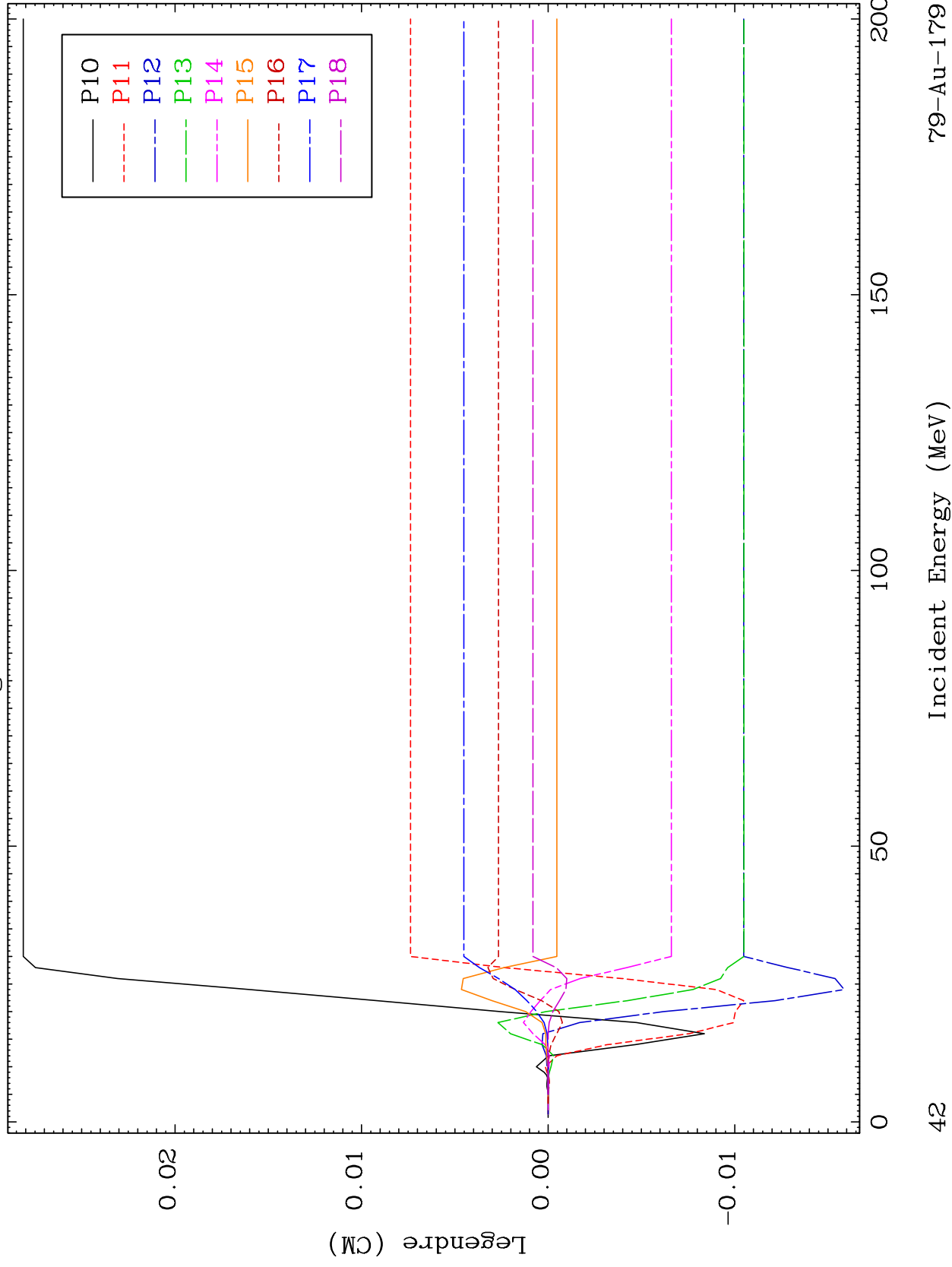
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



42

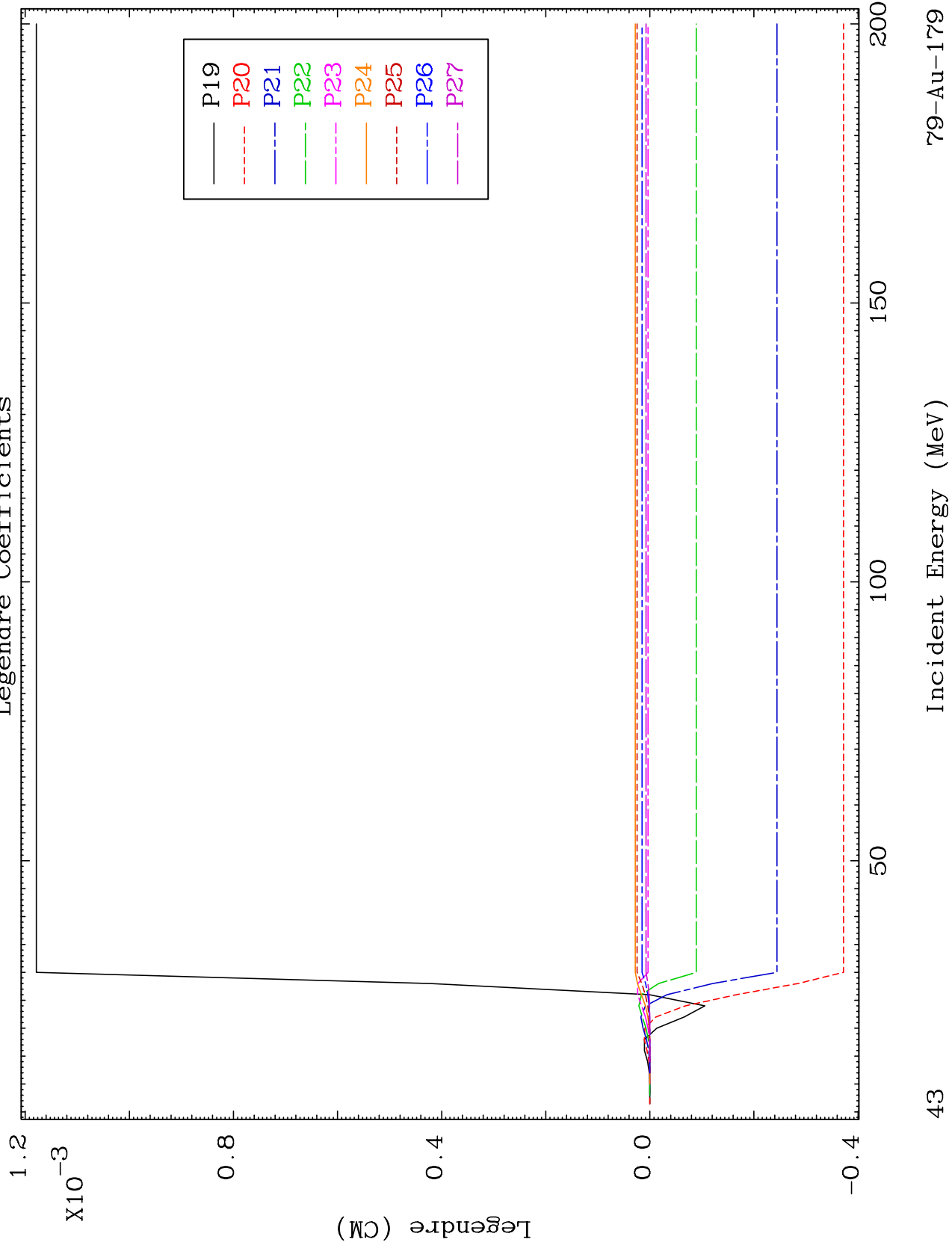
Incident Energy (MeV)

79-Au-179

MAT 7871

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

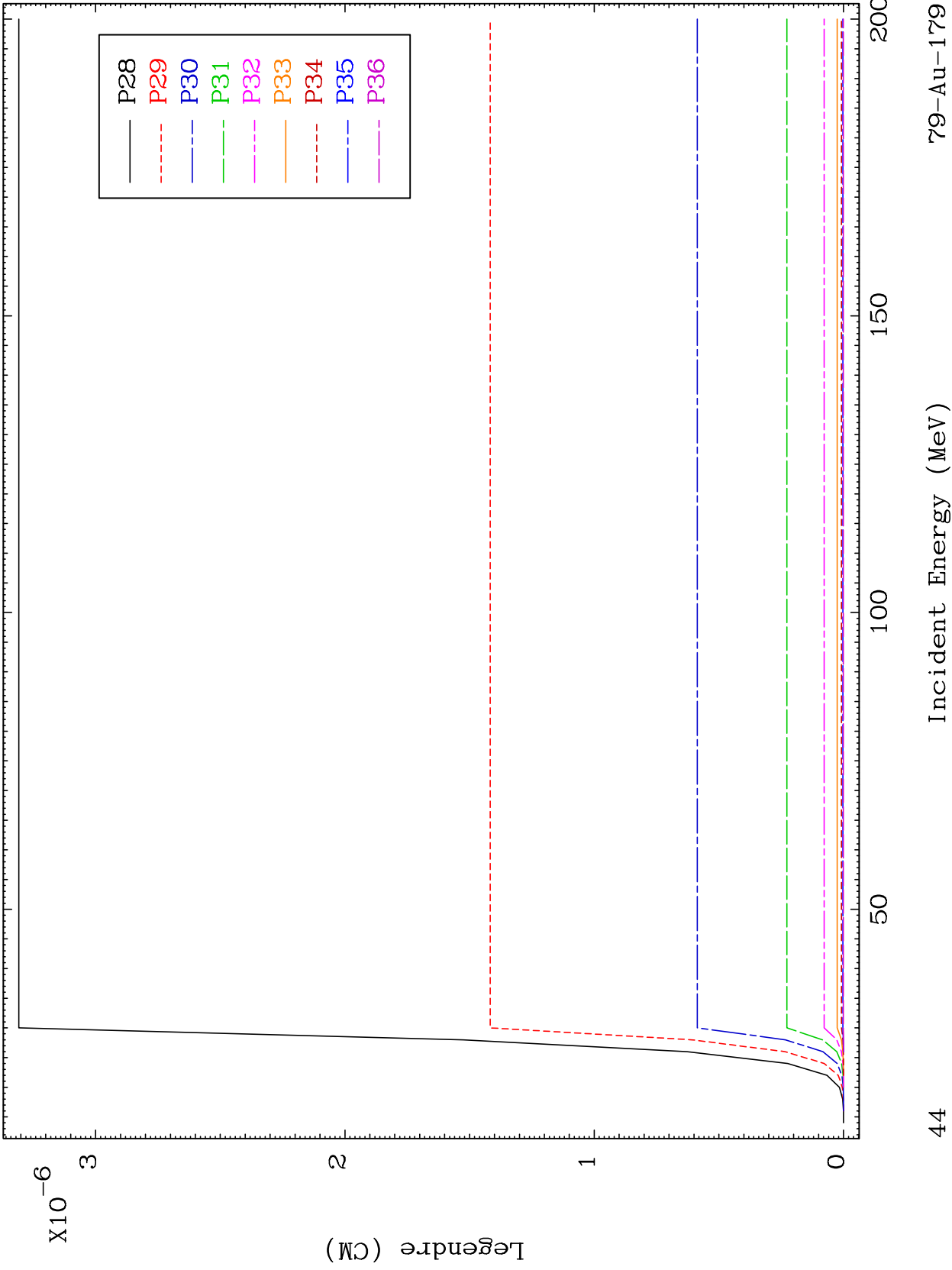
79-Au-179



MAT 7871

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

79-Au-179



44

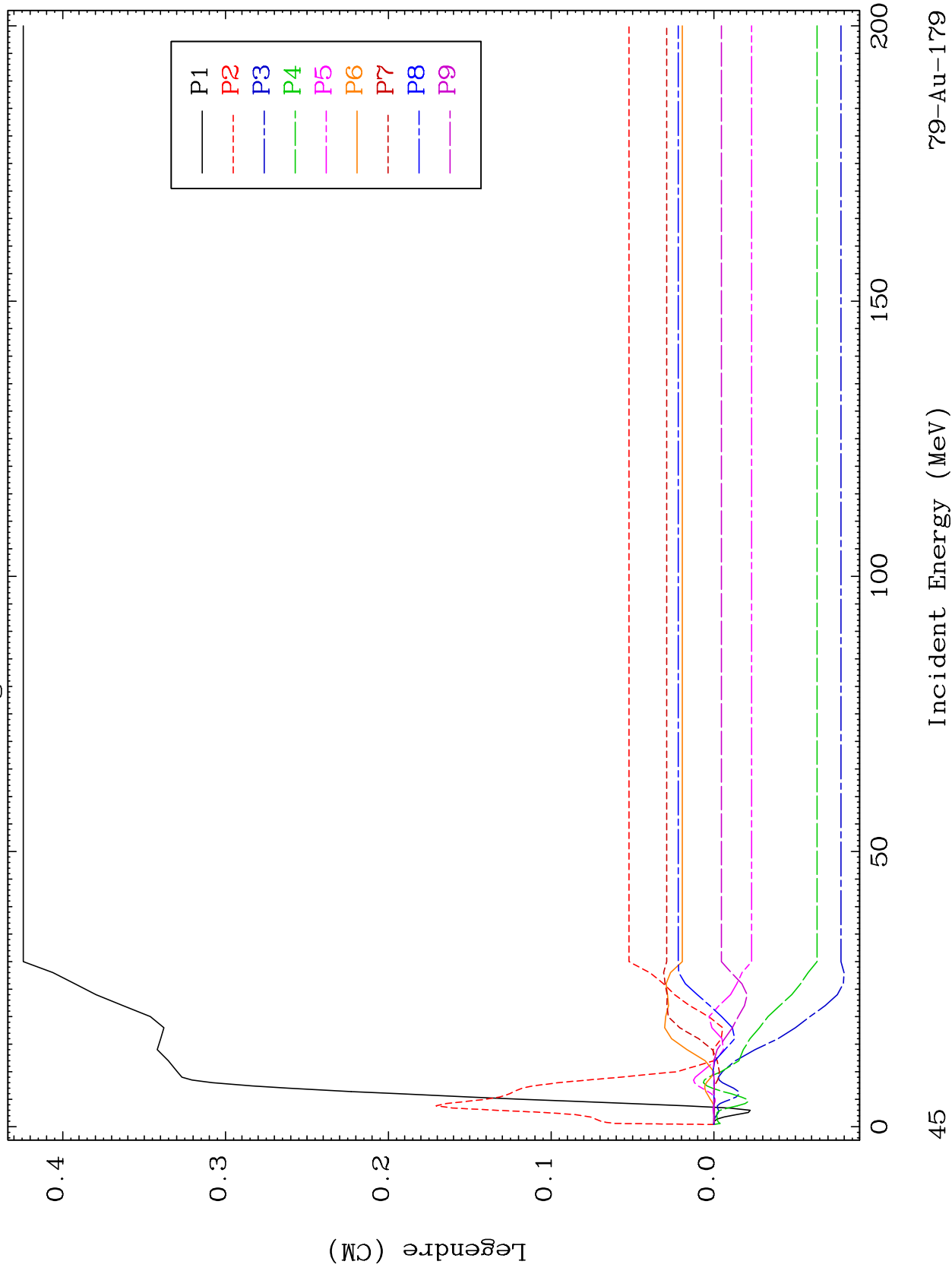
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



79-Au-179

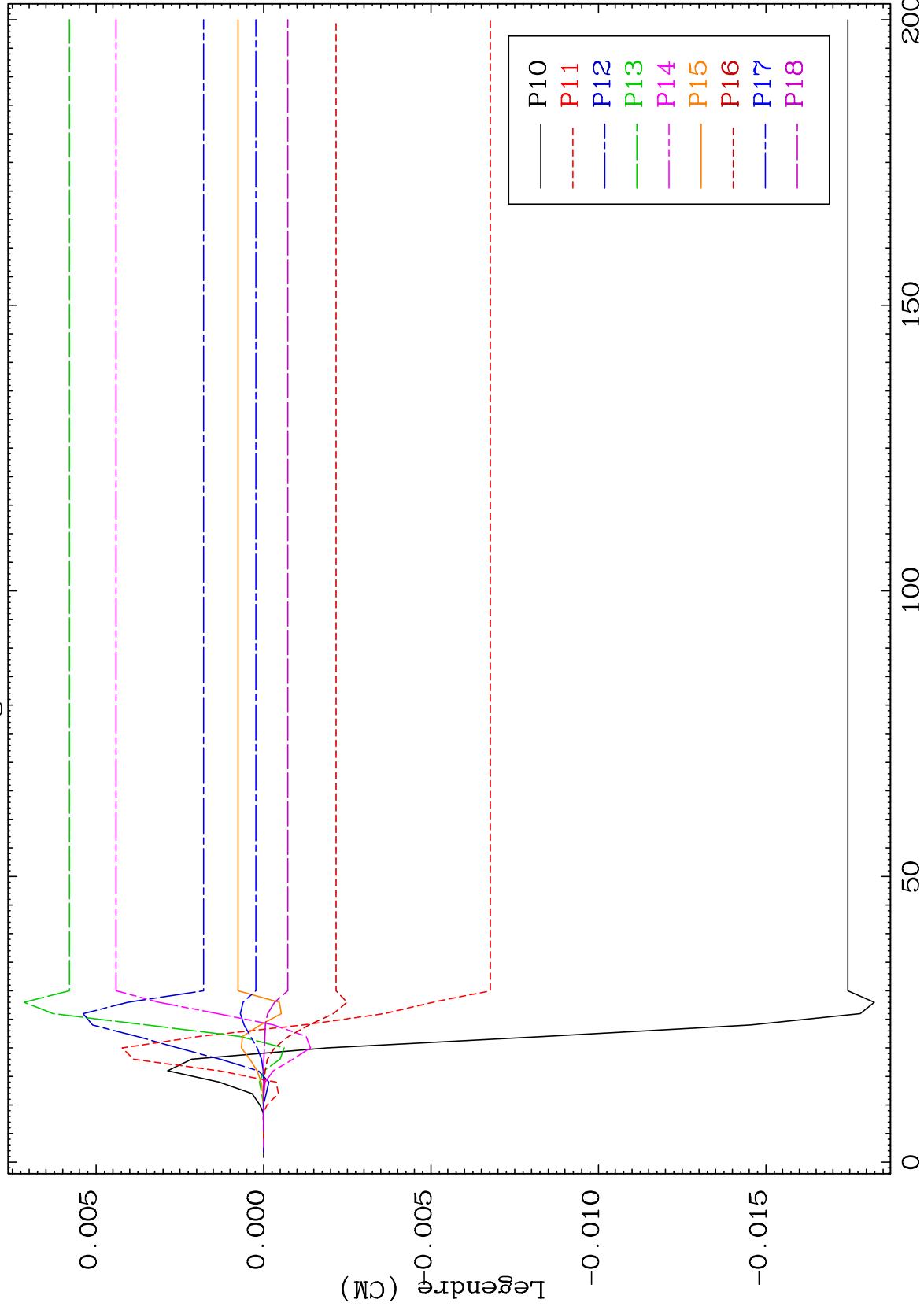
Incident Energy (MeV)

45

MAT 7871

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

79-Au-179



46

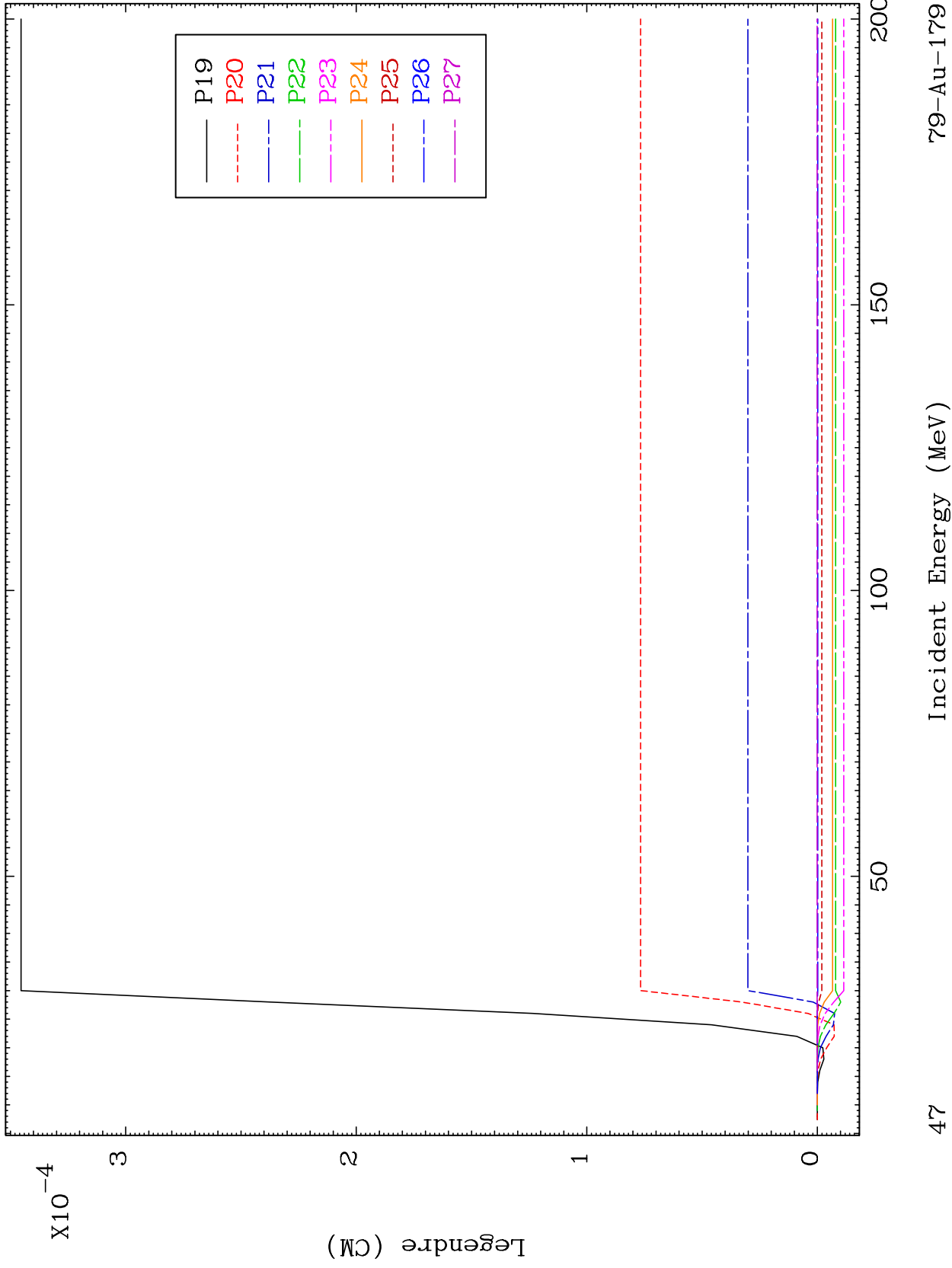
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179

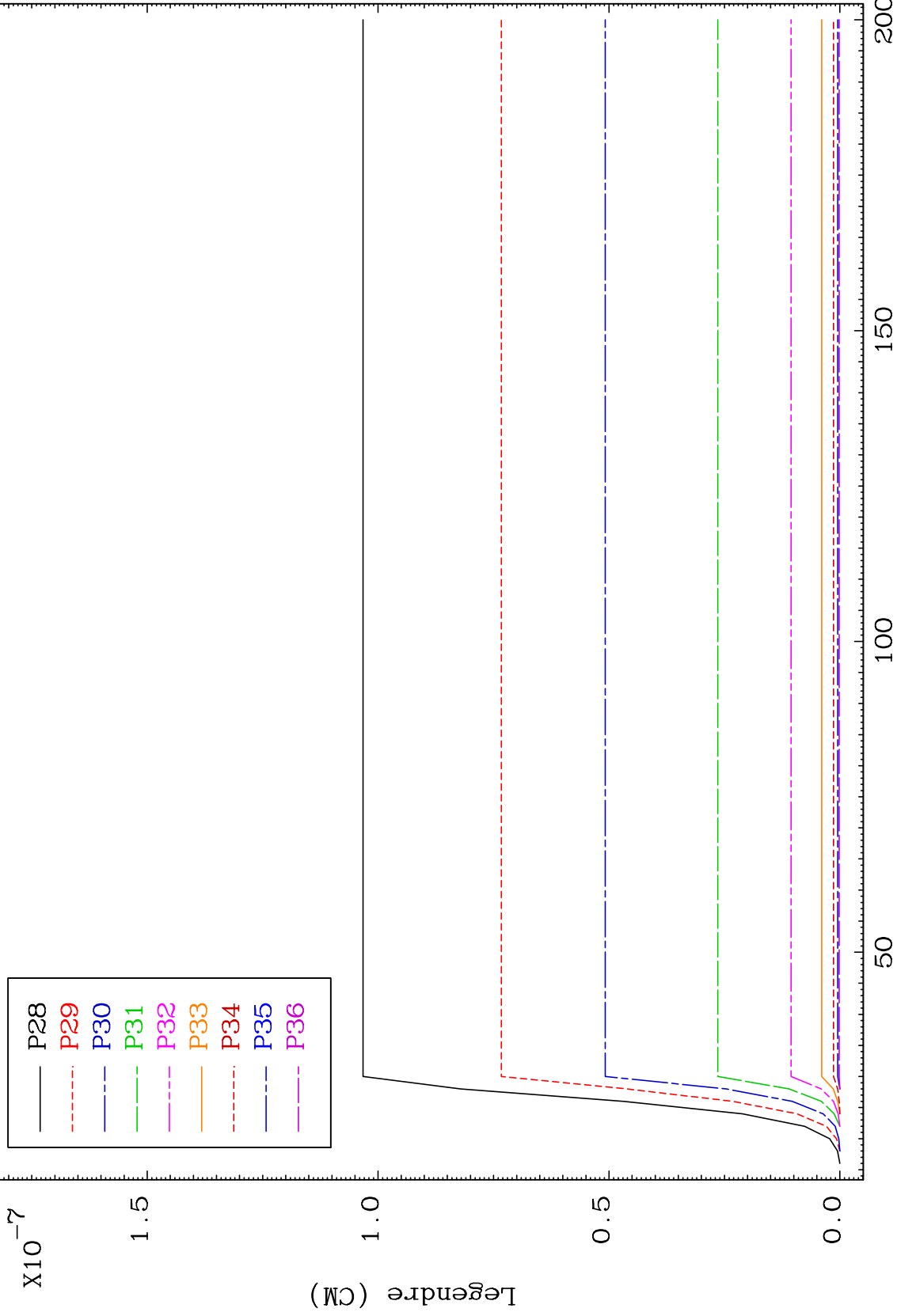
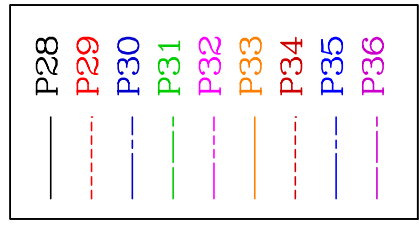




MAT 7871

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

79-Au-179



48

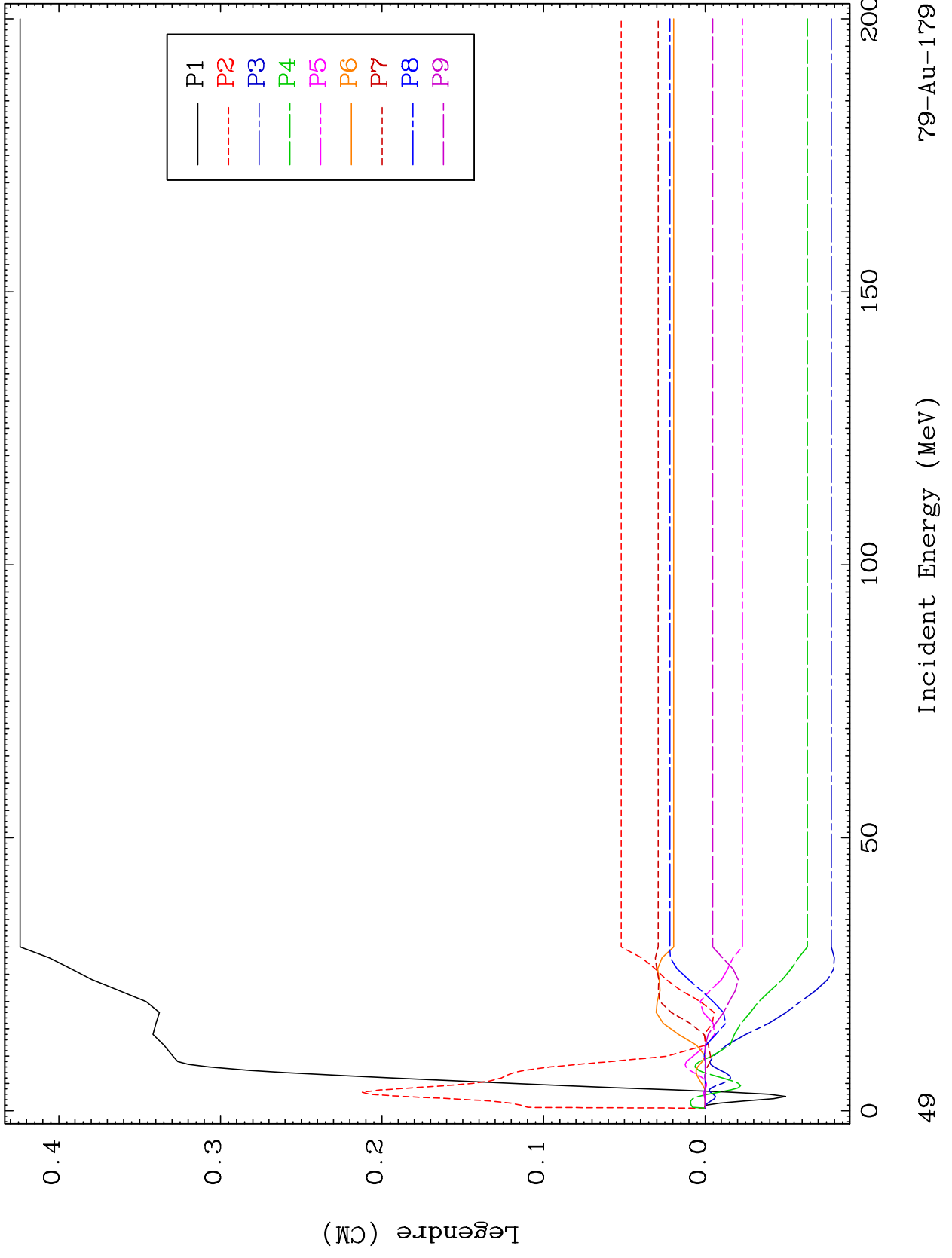
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



79-Au-179

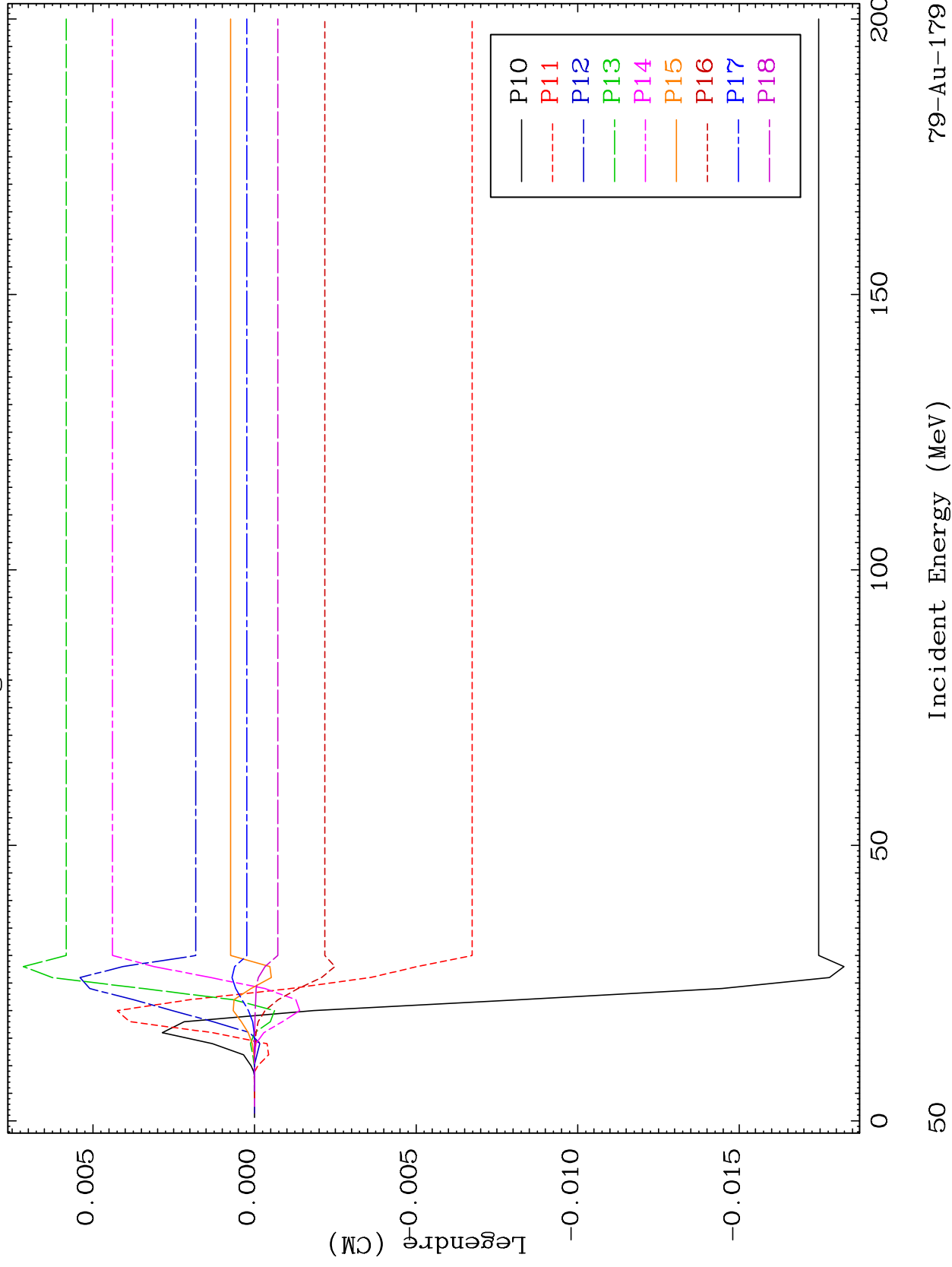
Incident Energy (MeV)

49

MAT 7871

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

79-Au-179



79-Au-179

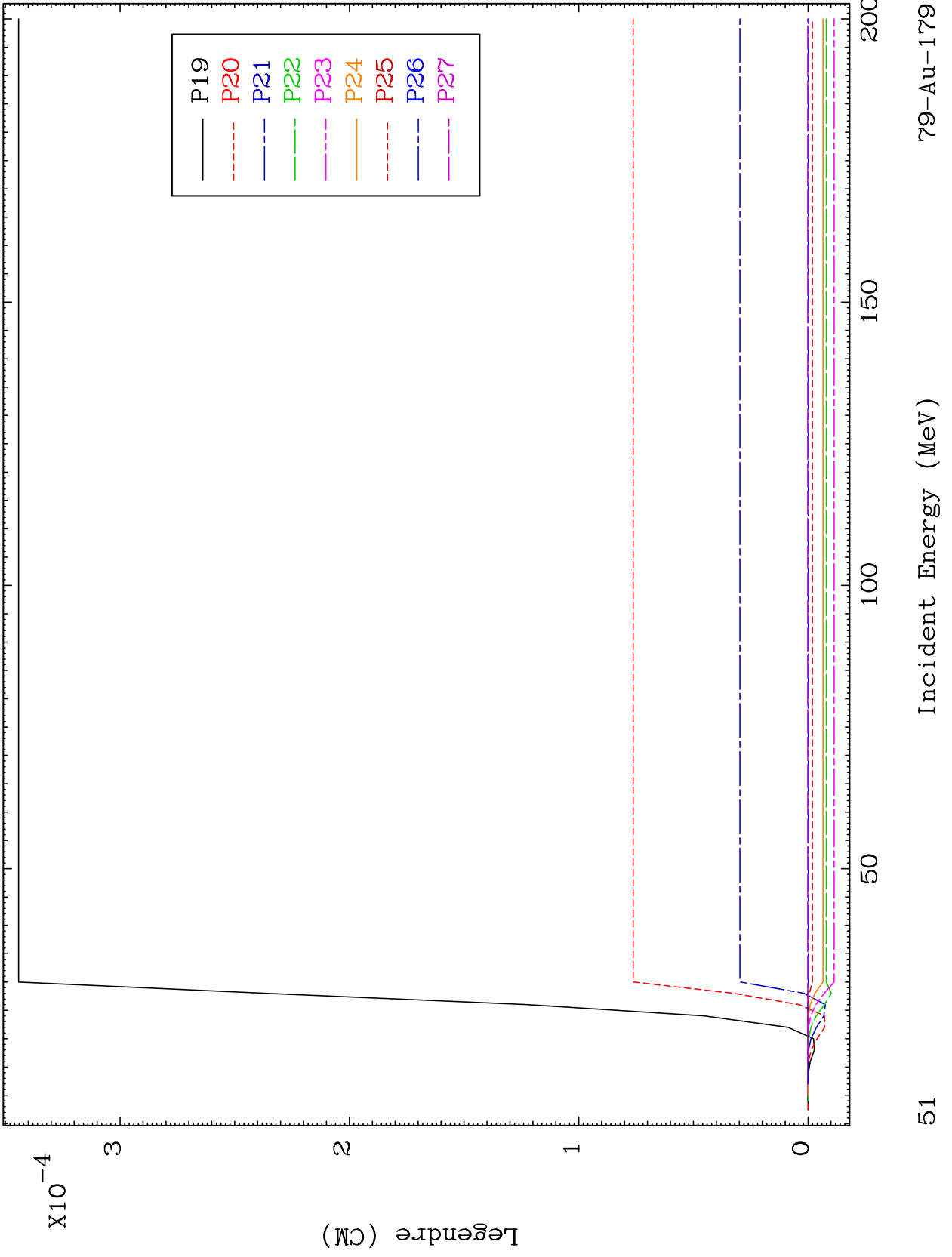
Incident Energy (MeV)

50

MAT 7871

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

79-Au-179



51

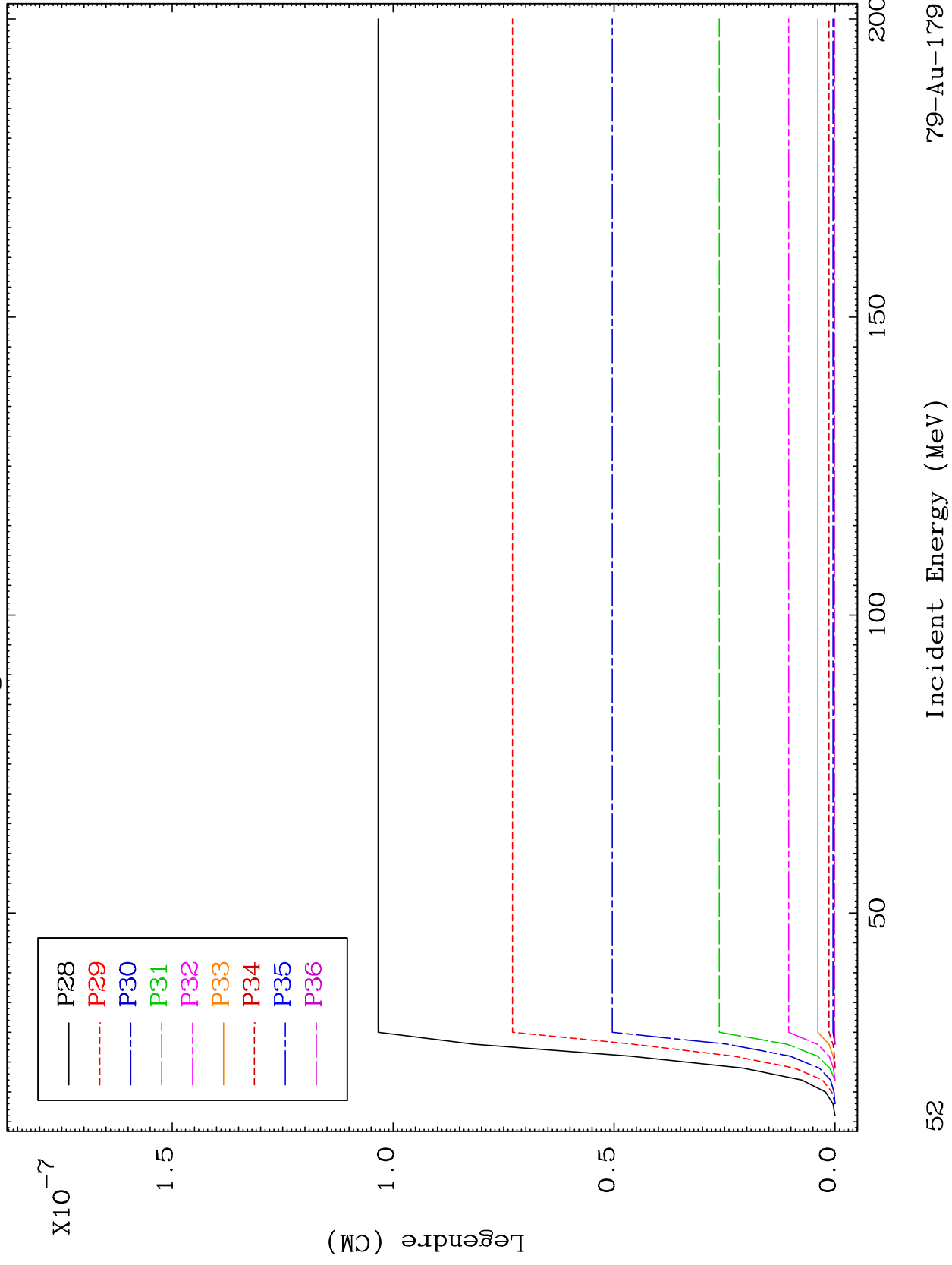
Incident Energy (MeV)

79-Au-179

MAT 7871

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

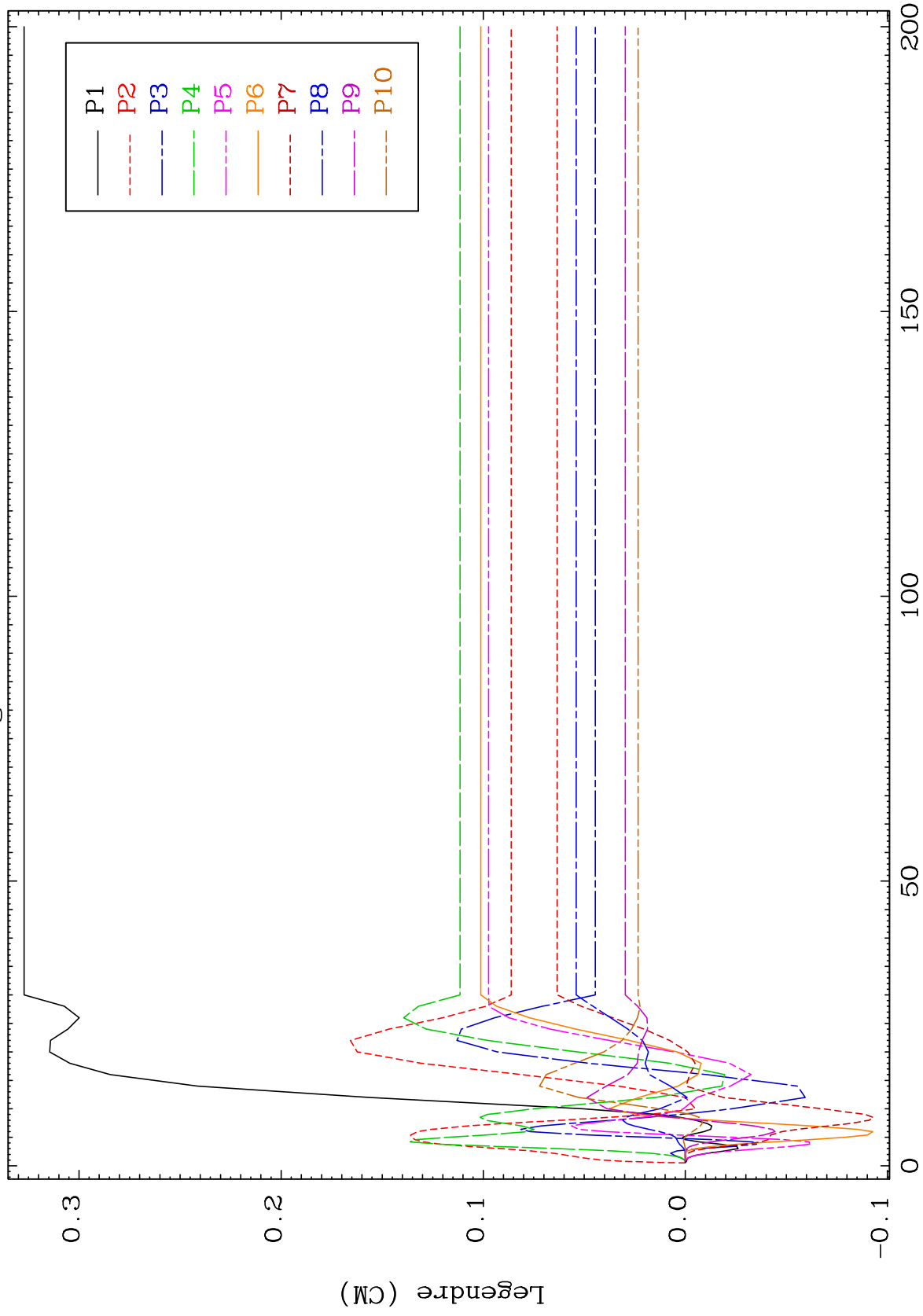
79-Au-179



MAT 7871

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

79-Au-179



53

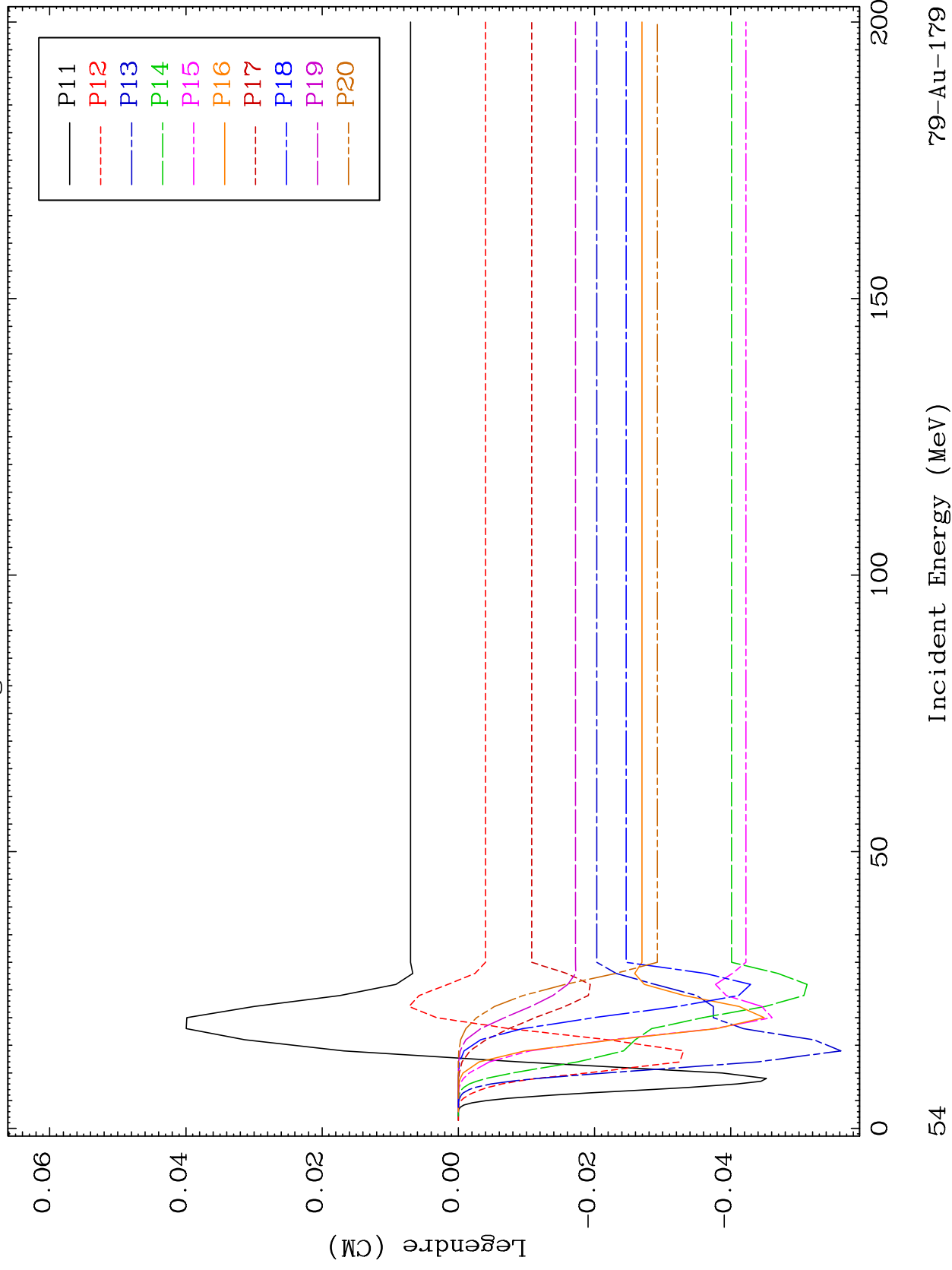
Incident Energy (MeV)

79-Au-179

MAT 7871

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

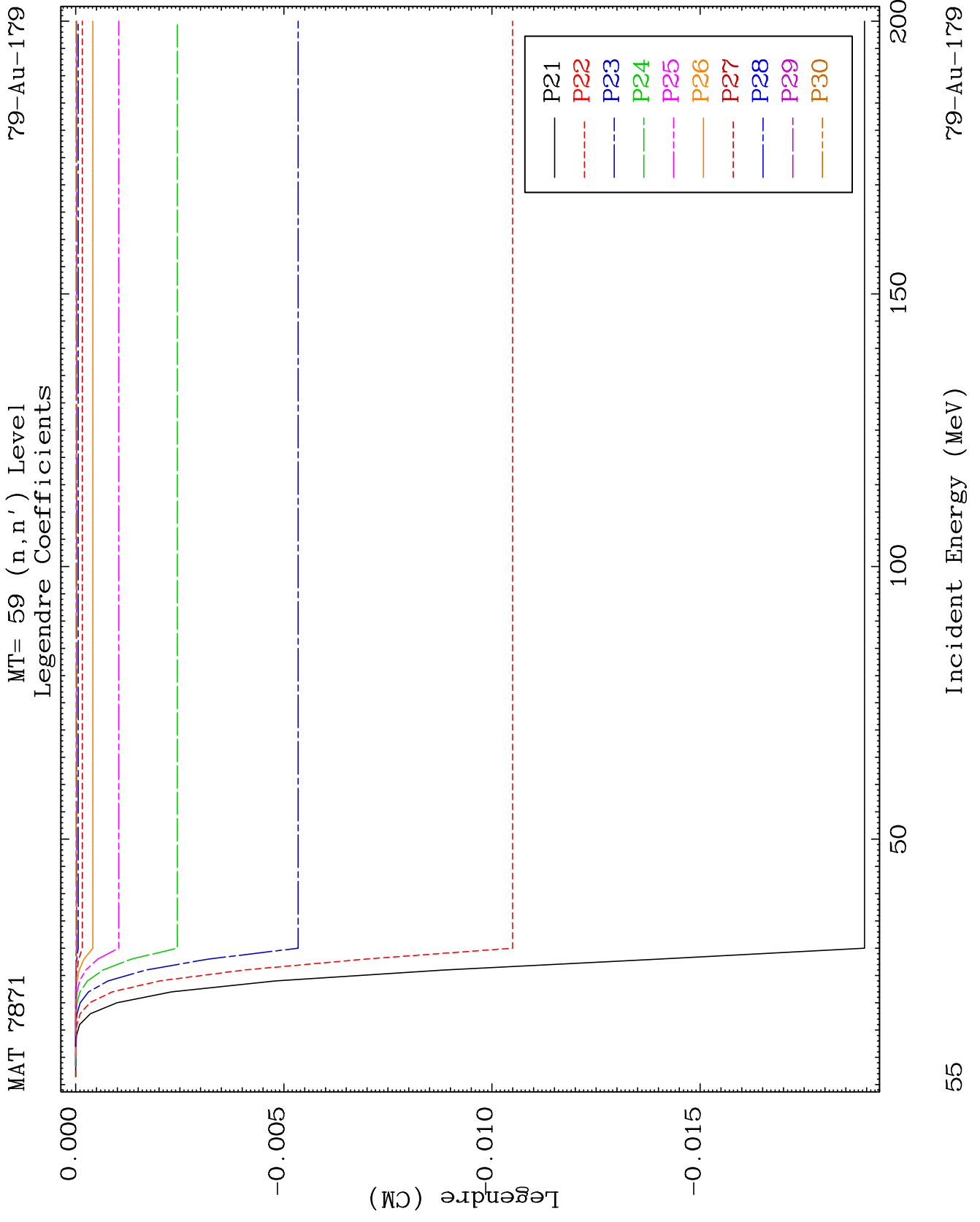
79-Au-179



79-Au-179

Incident Energy (MeV)

54

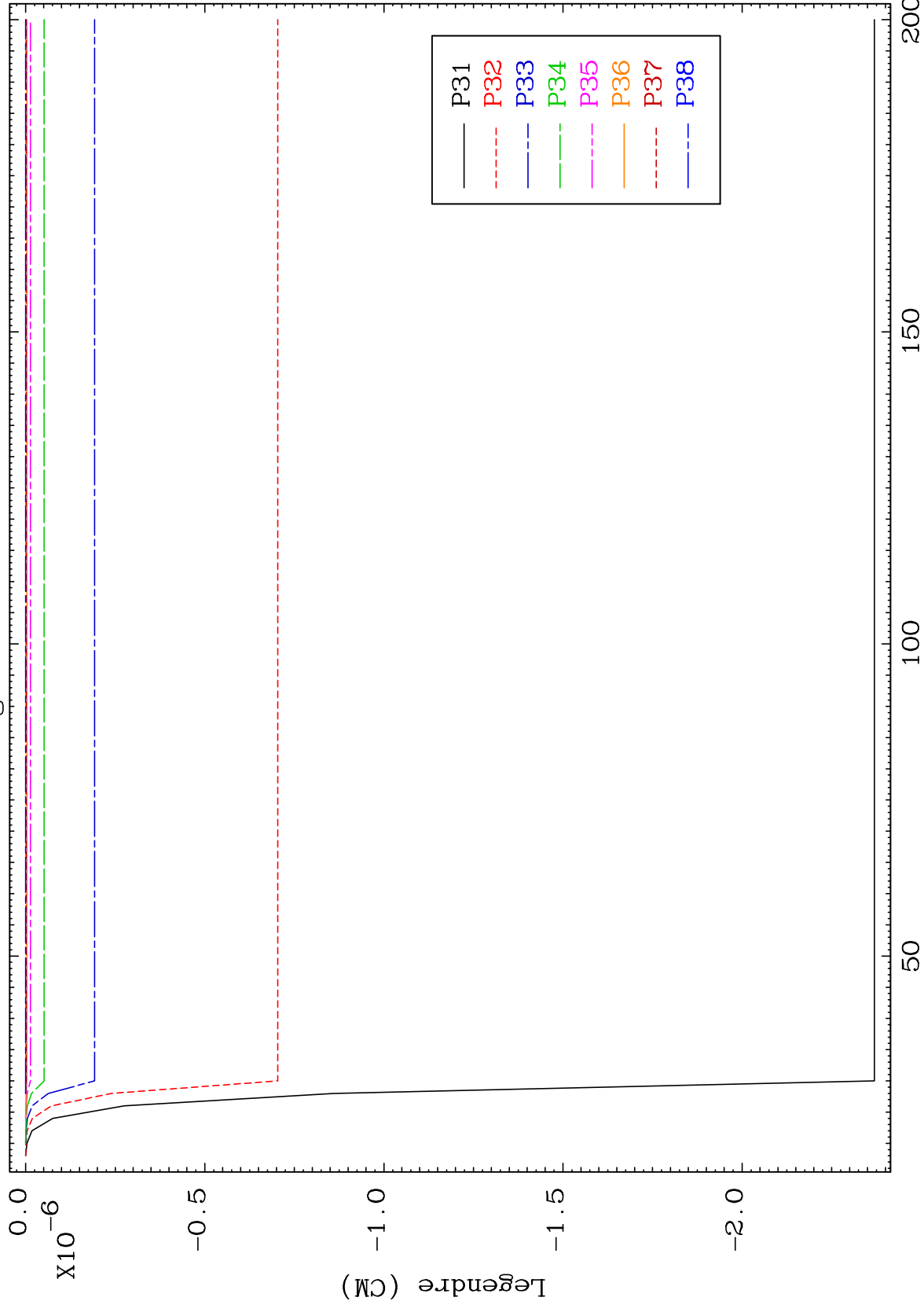




MAT 7871

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

79-Au-179



56

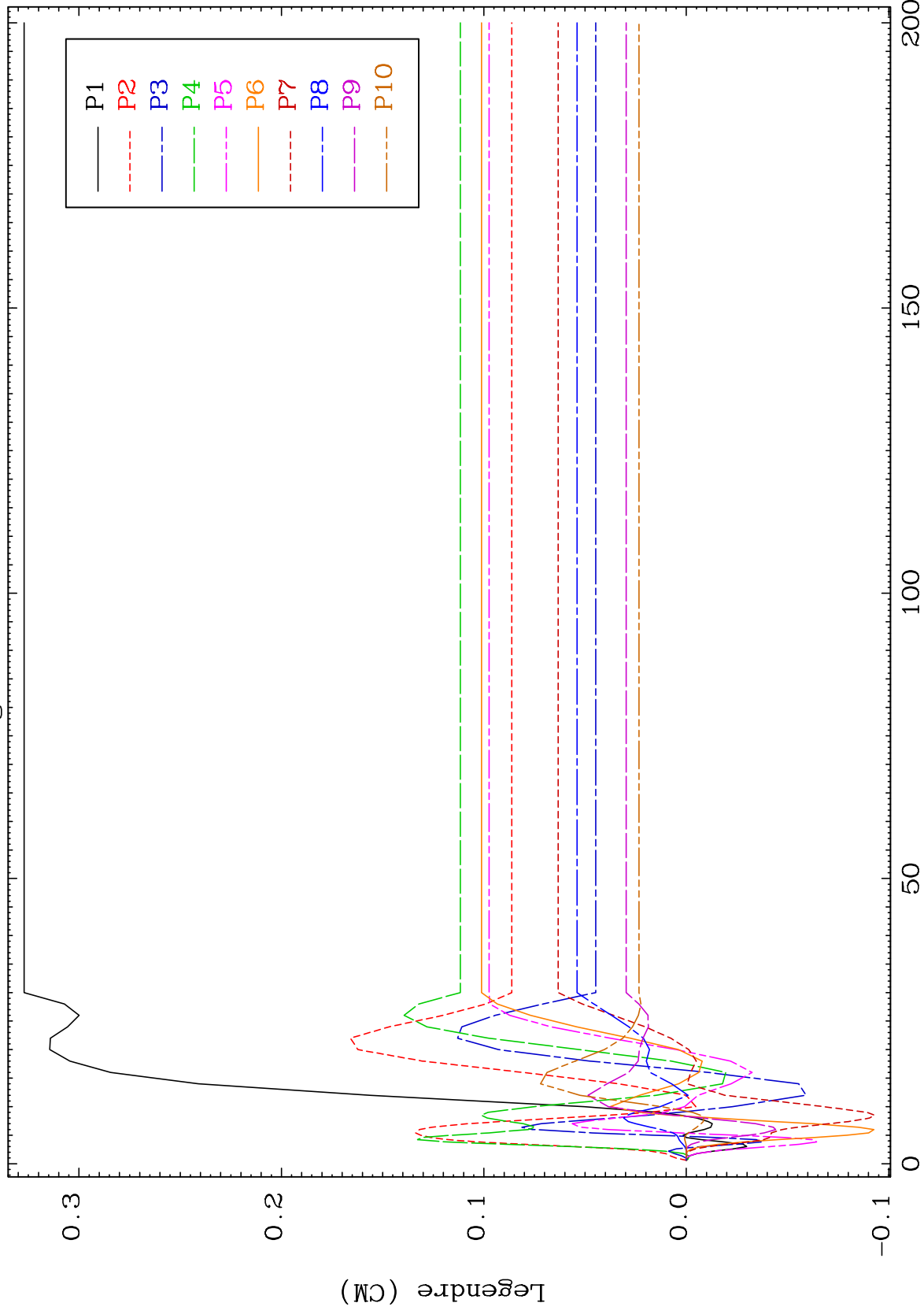
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



57

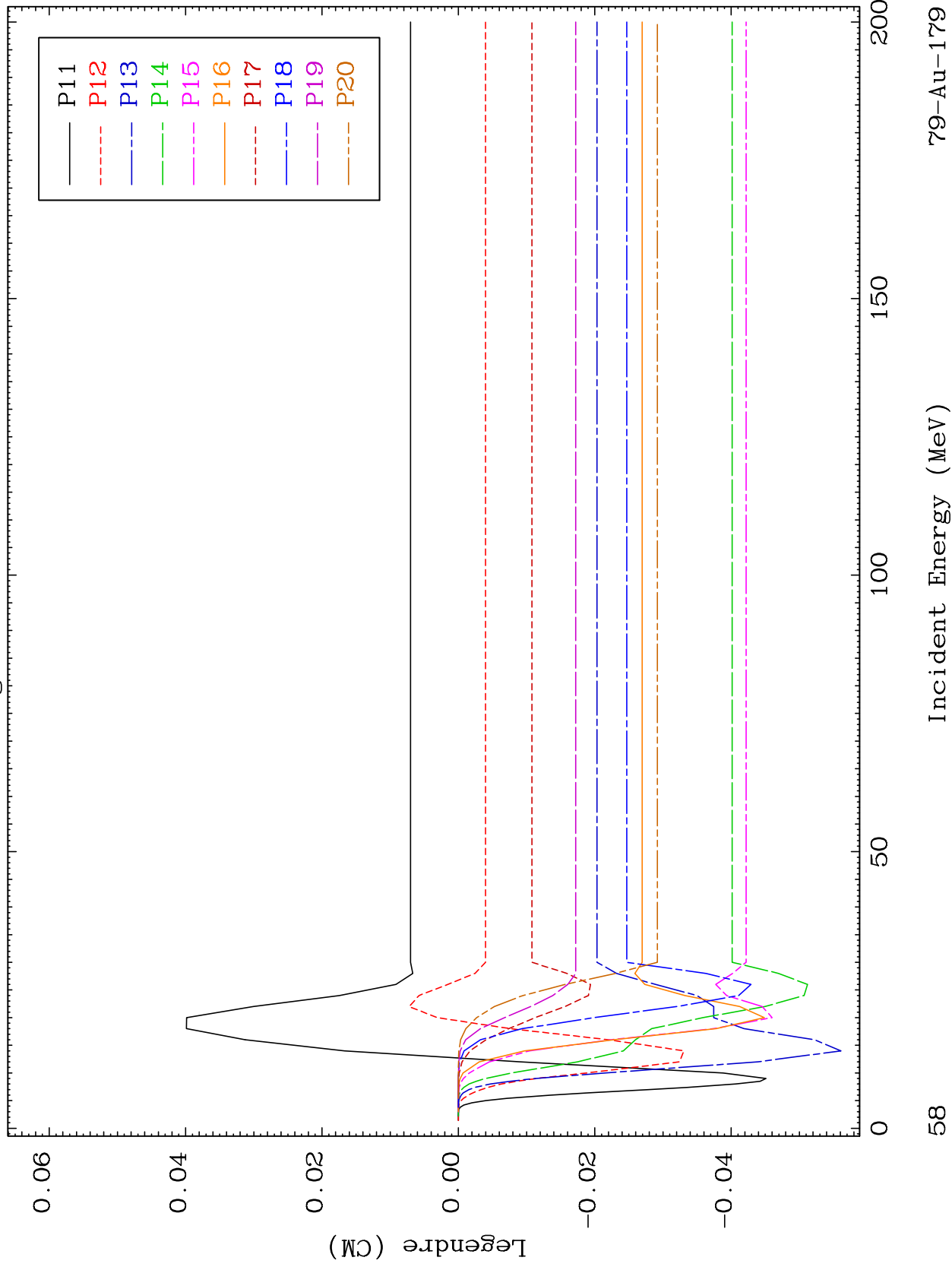
Incident Energy (MeV)

79-Au-179

MAT 7871

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

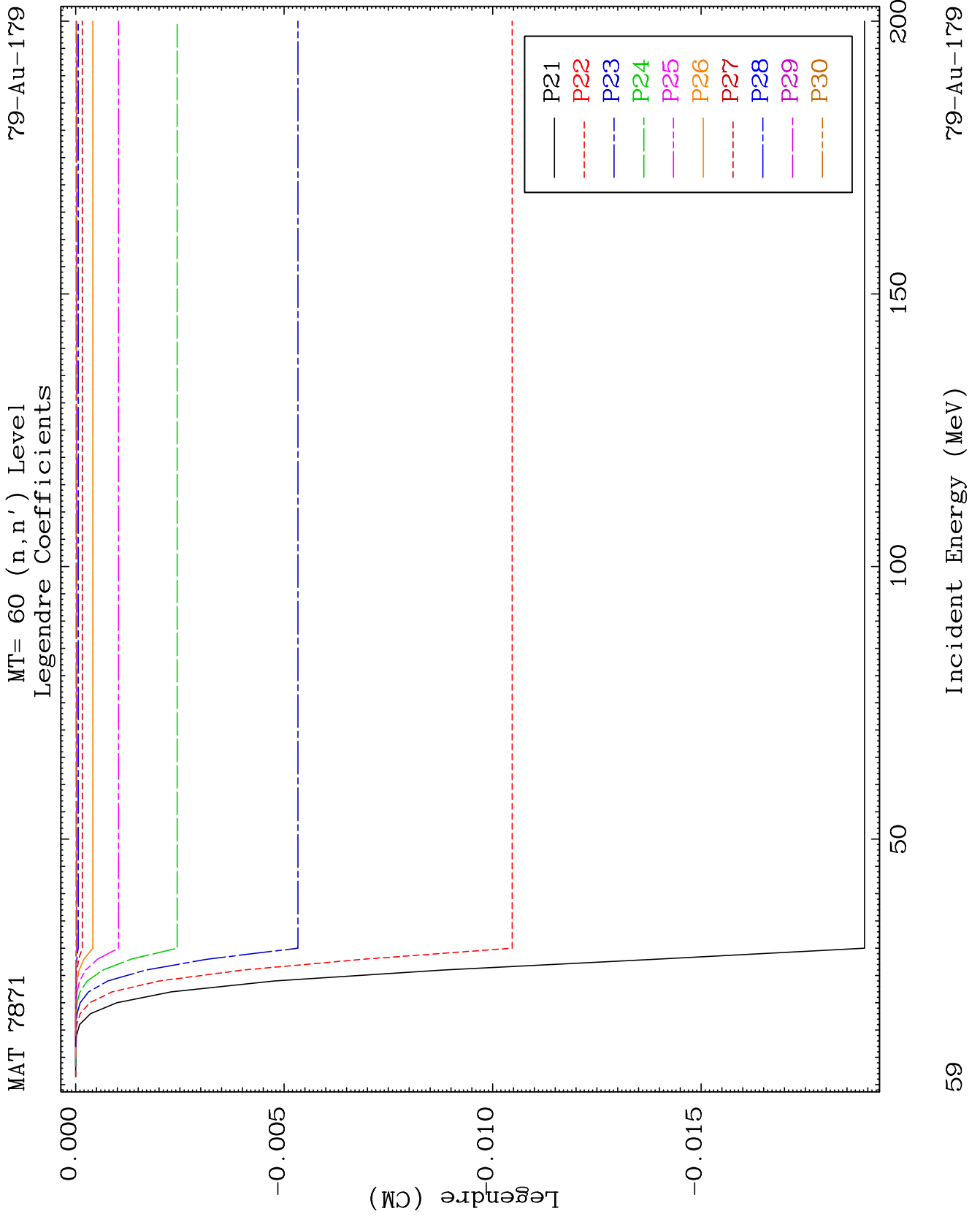
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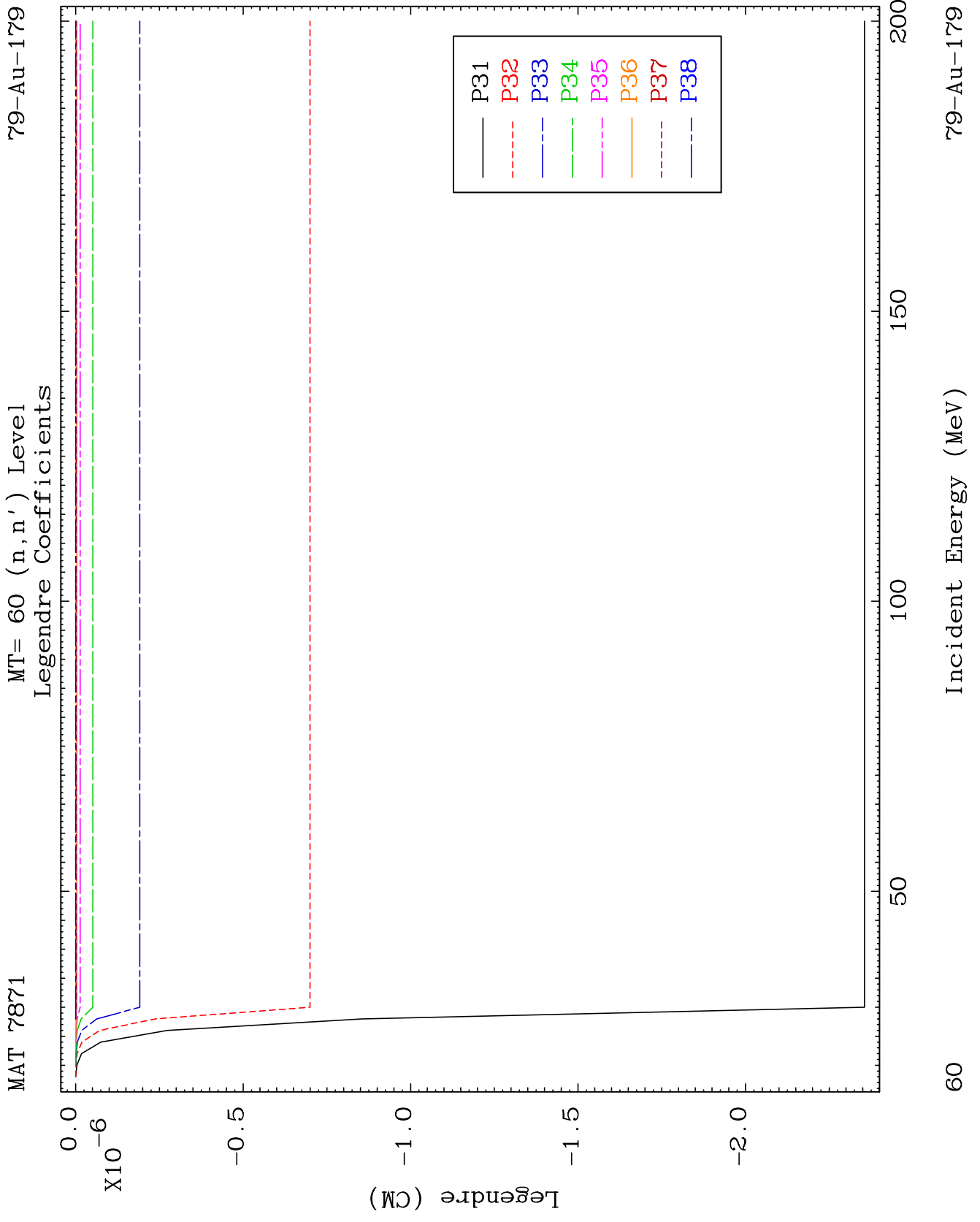


79-Au-179

Incident Energy (MeV)

58

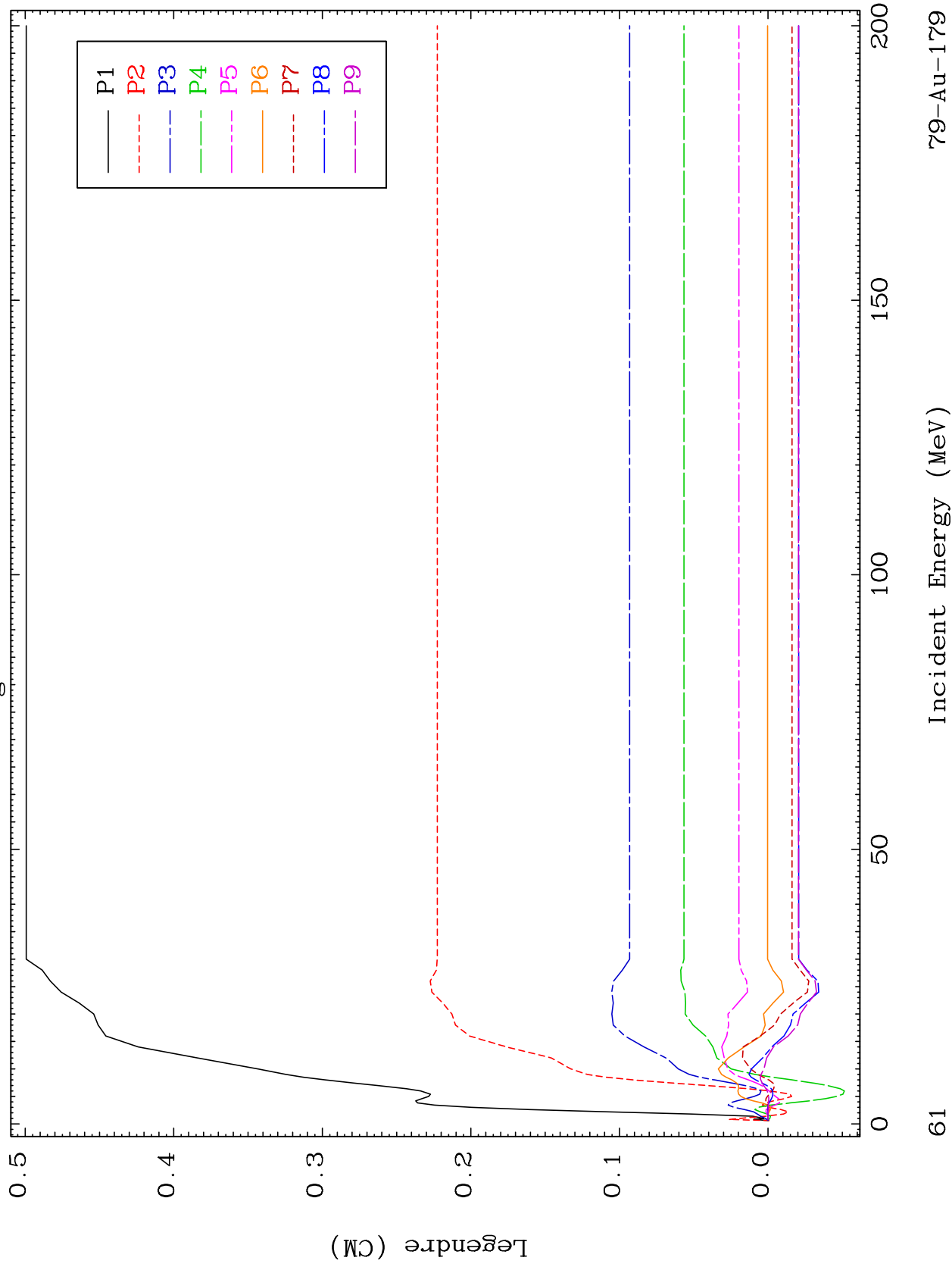




MAT 7871

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

79-Au-179



79-Au-179

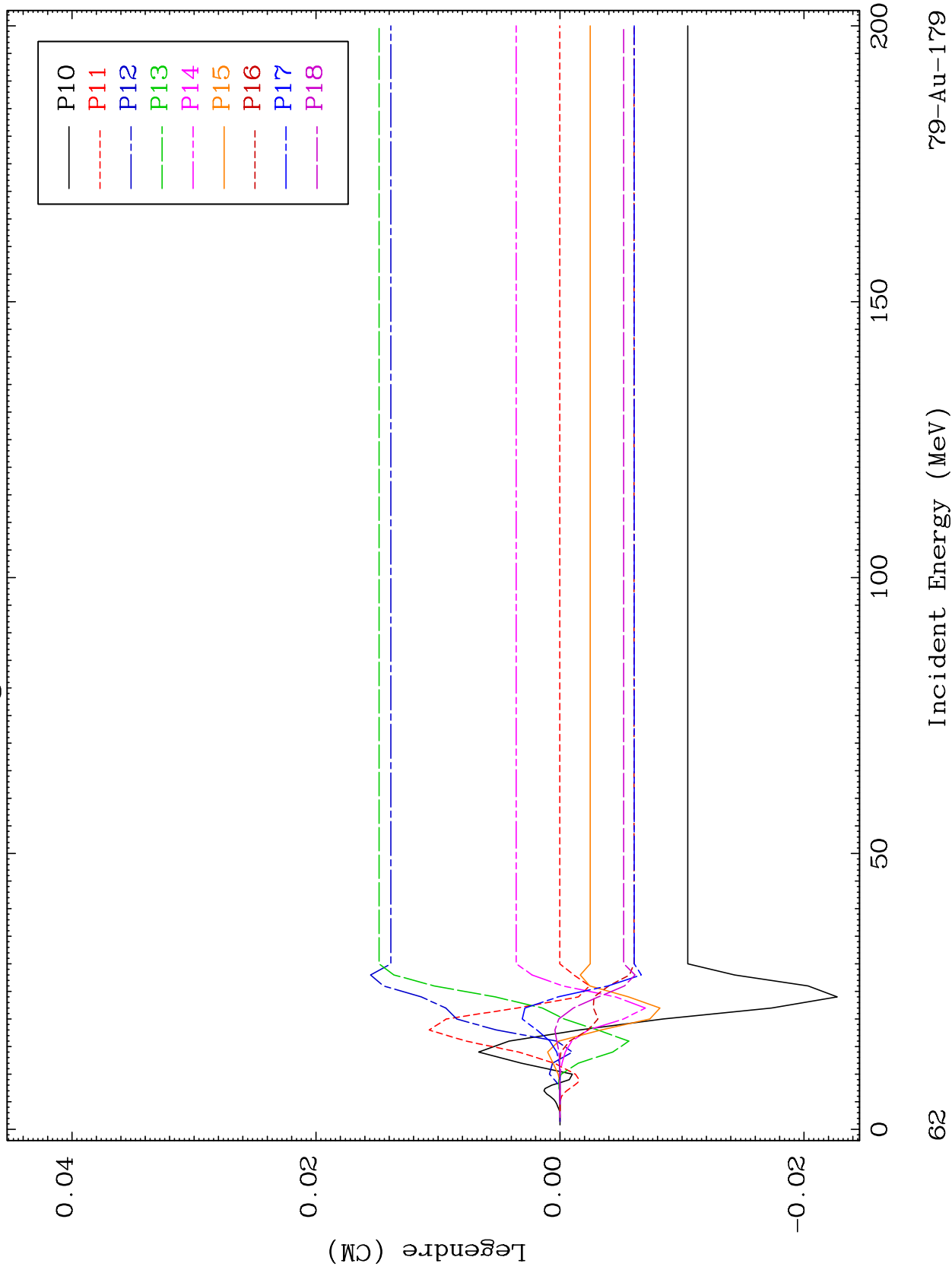
Incident Energy (MeV)

61

MAT 7871

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

79-Au-179



79-Au-179

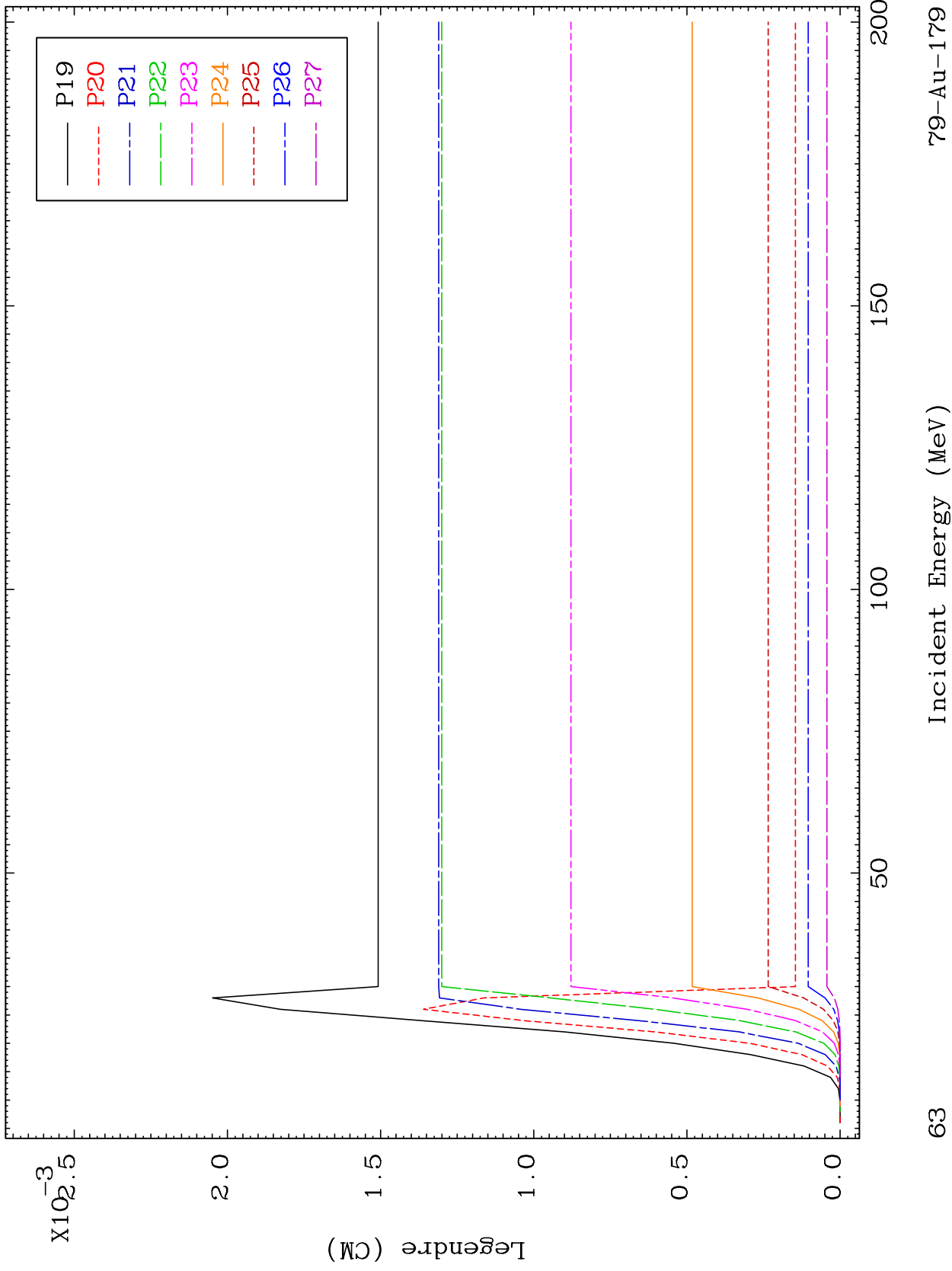
Incident Energy (MeV)

62

MAT 7871

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

79-Au-179



63

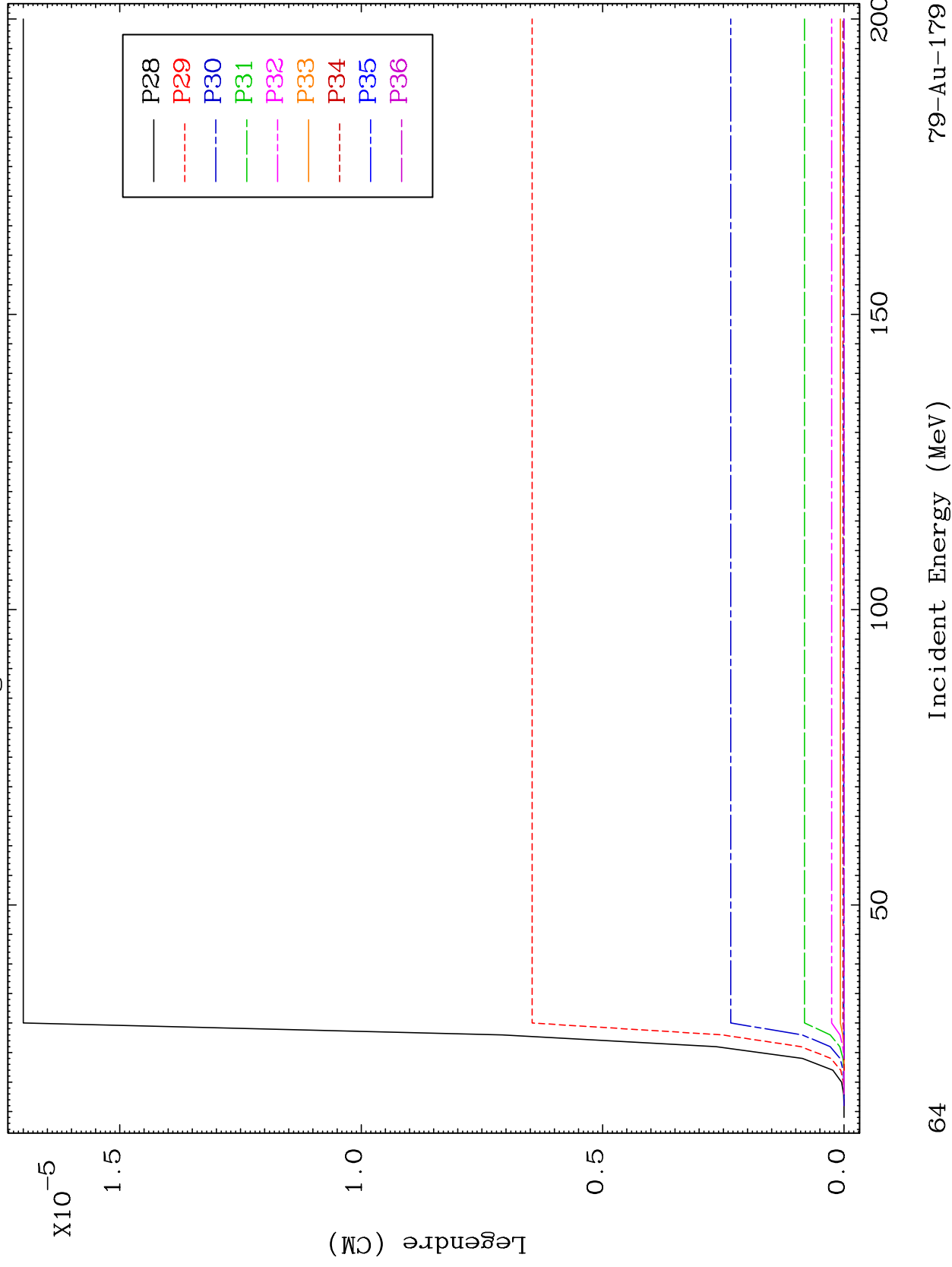
79-Au-179



MAT 7871

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

79-Au-179



64

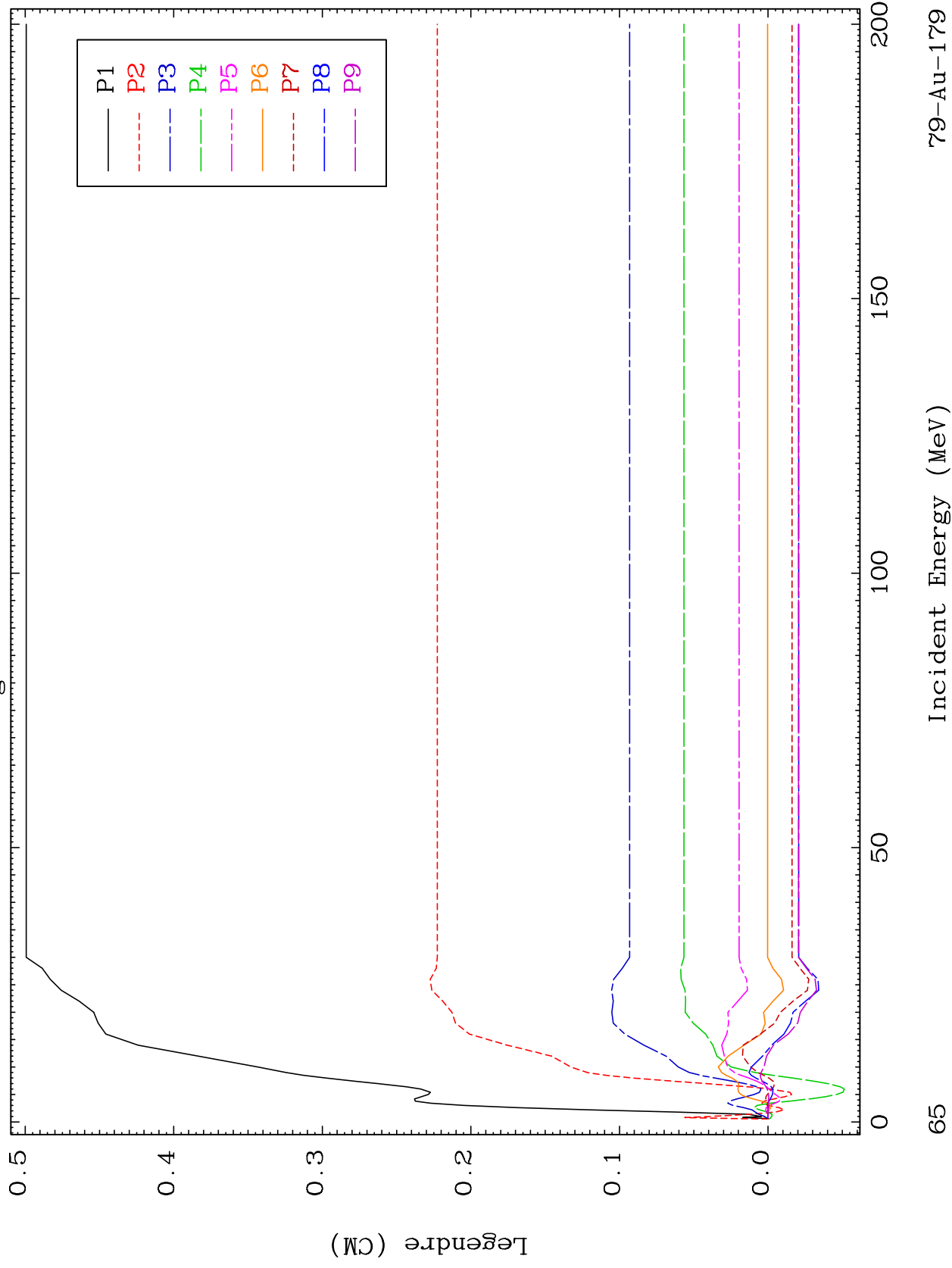
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



79-Au-179

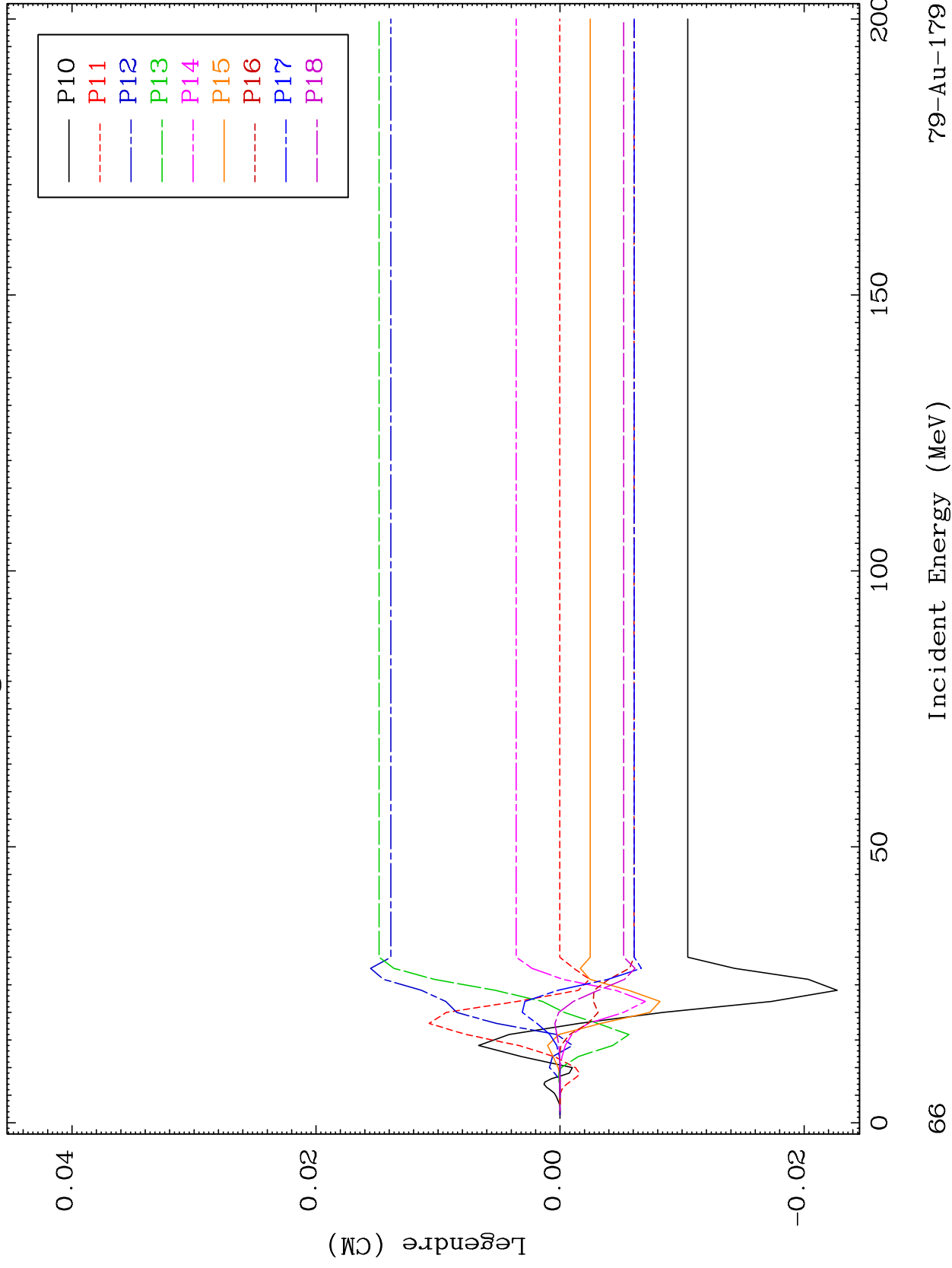
Incident Energy (MeV)

65

MAT 7871

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

79-Au-179



79-Au-179

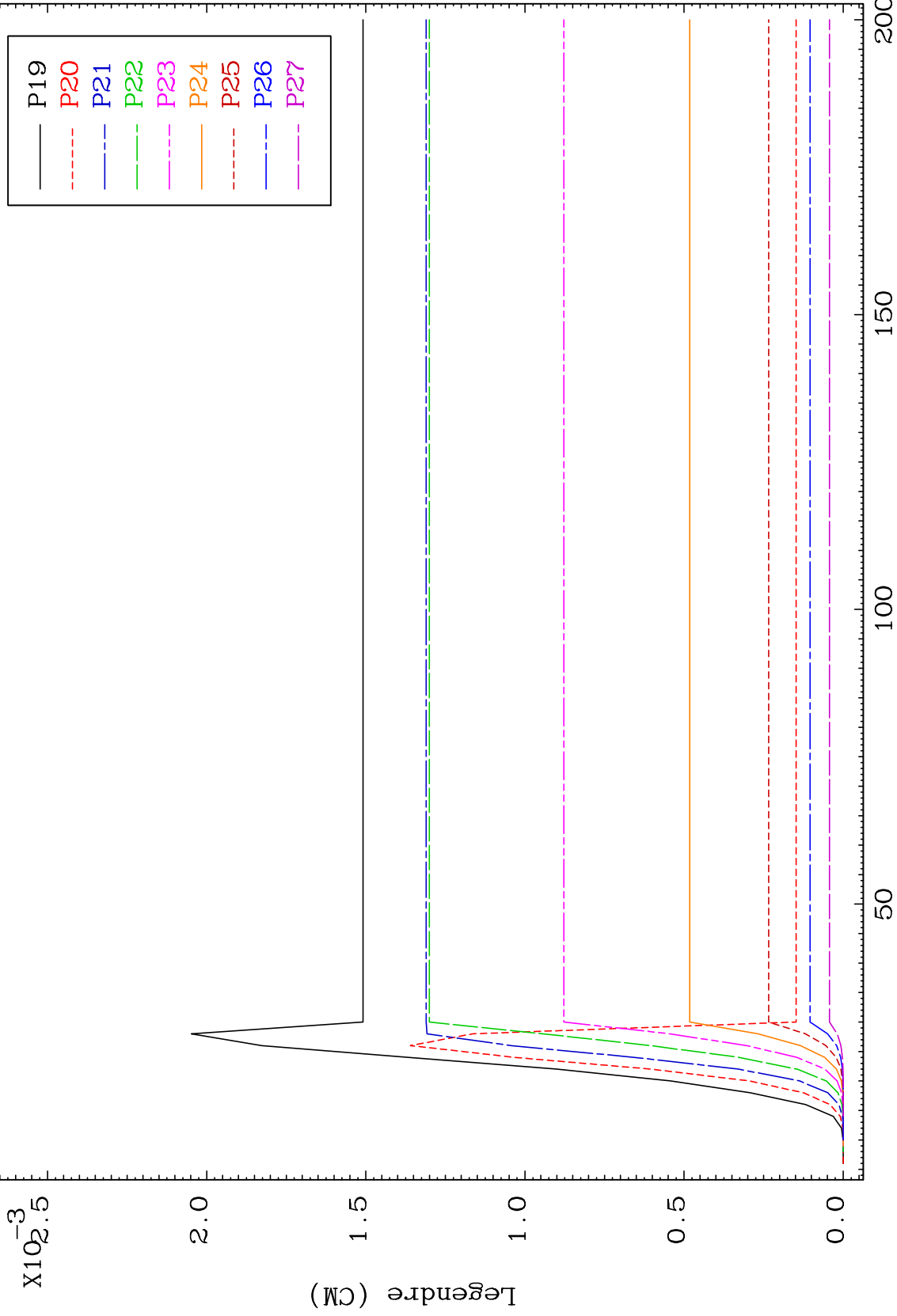
Incident Energy (MeV)

66

MAT 7871

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

79-Au-179



67

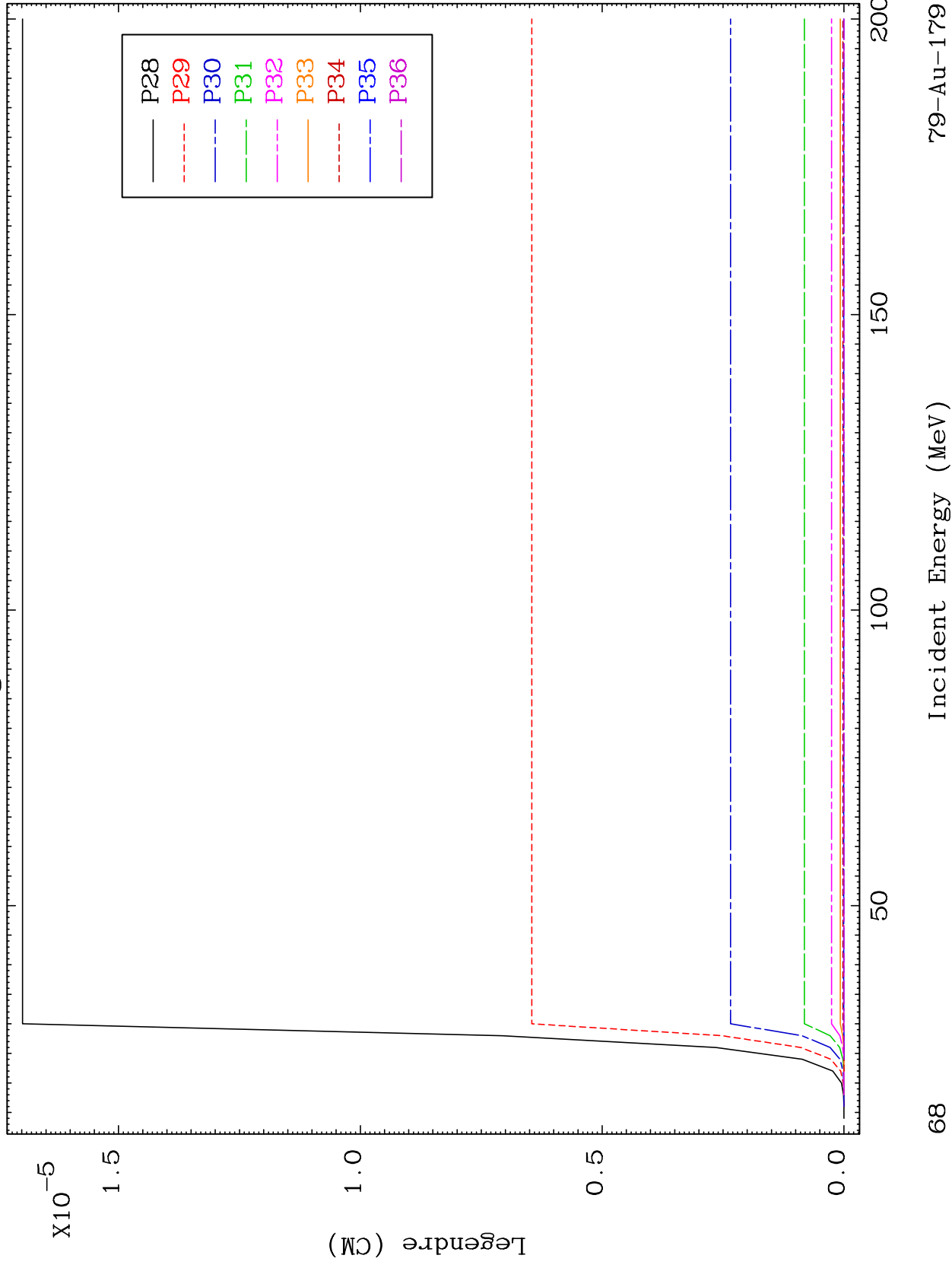
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



68

Incident Energy (MeV)

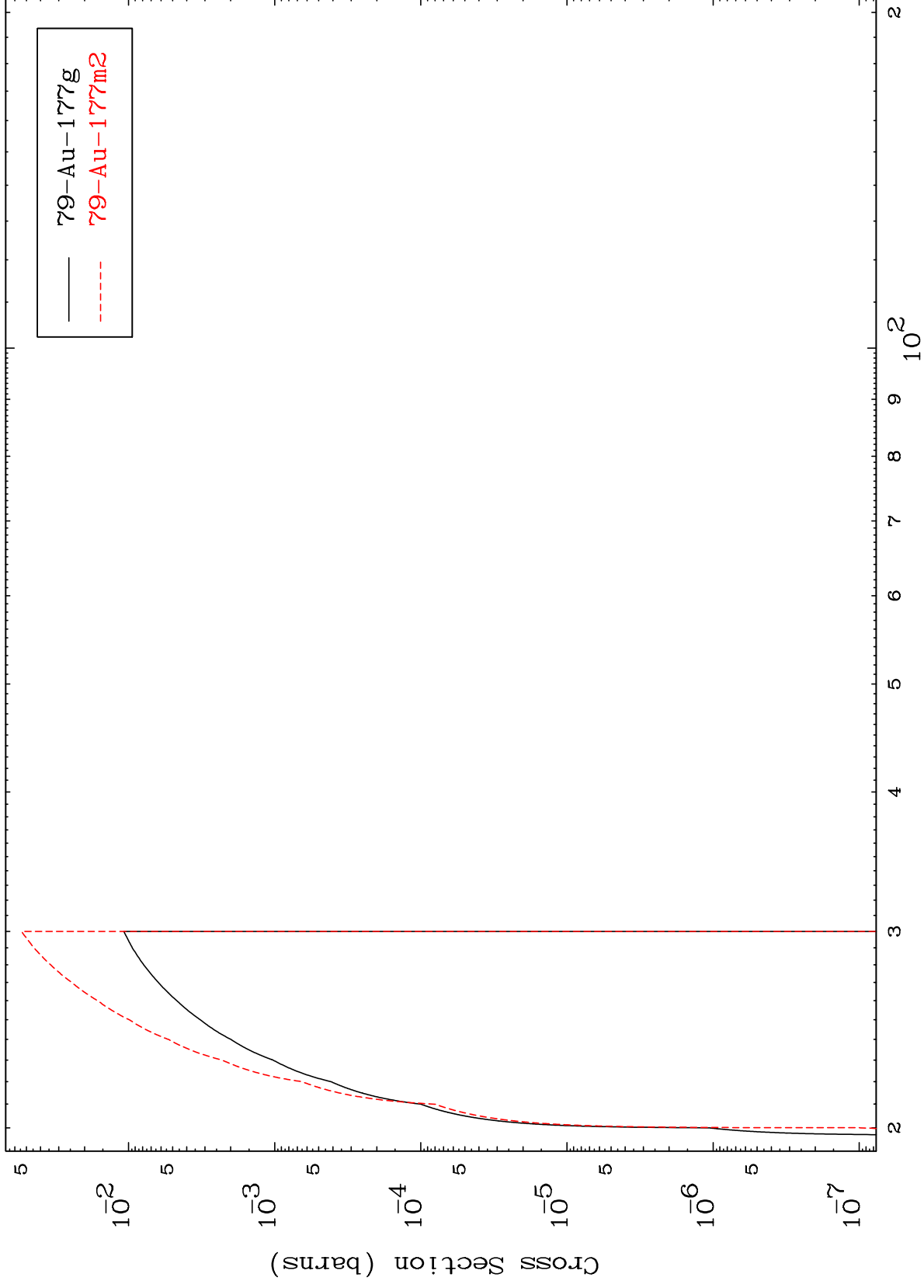
79-Au-179

MAT 7871

(n,3n)

79-Au-179

Radionuclide Production Cross Section



69

Incident Energy (MeV)

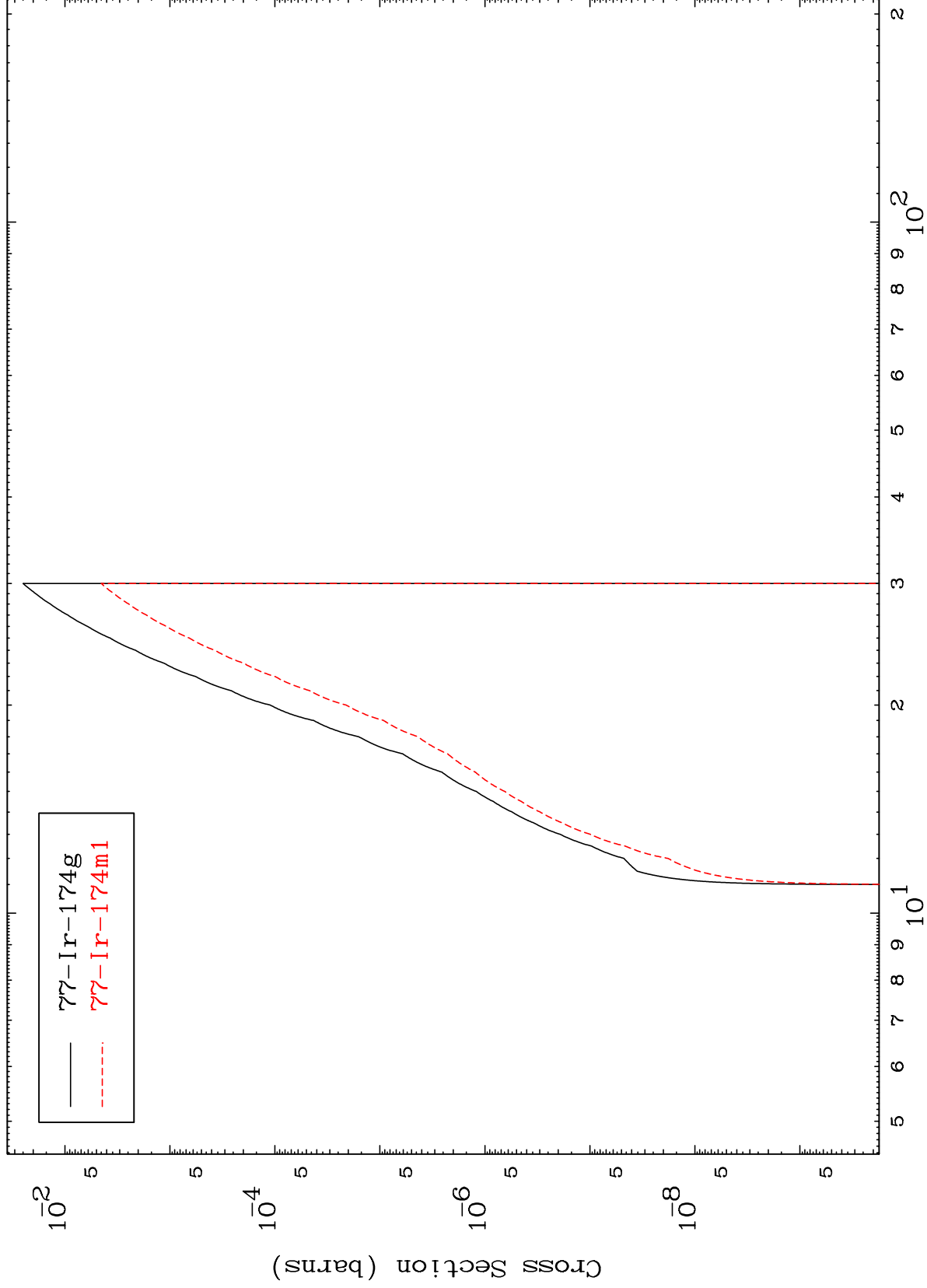
79-Au-179

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$(n,2n) \alpha$

$^{79}\text{Au-179}$

Radionuclide Production Cross Section



70

Incident Energy (MeV)

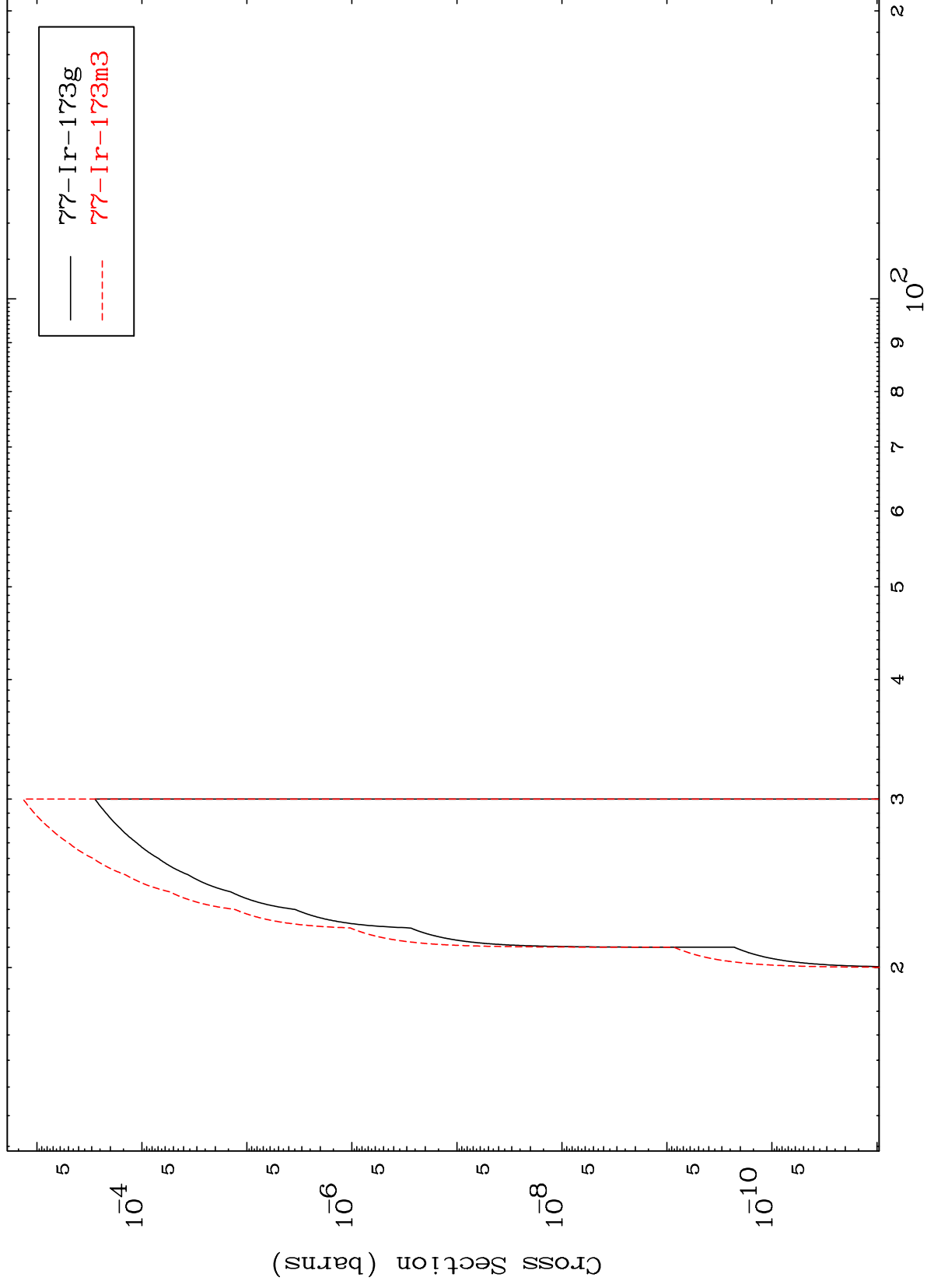
$^{79}\text{Au-179}$

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$(n,3n) \alpha$

$^{79}\text{Au-179}$

Radionuclide Production Cross Section



71

Incident Energy (MeV)

$^{79}\text{Au-179}$

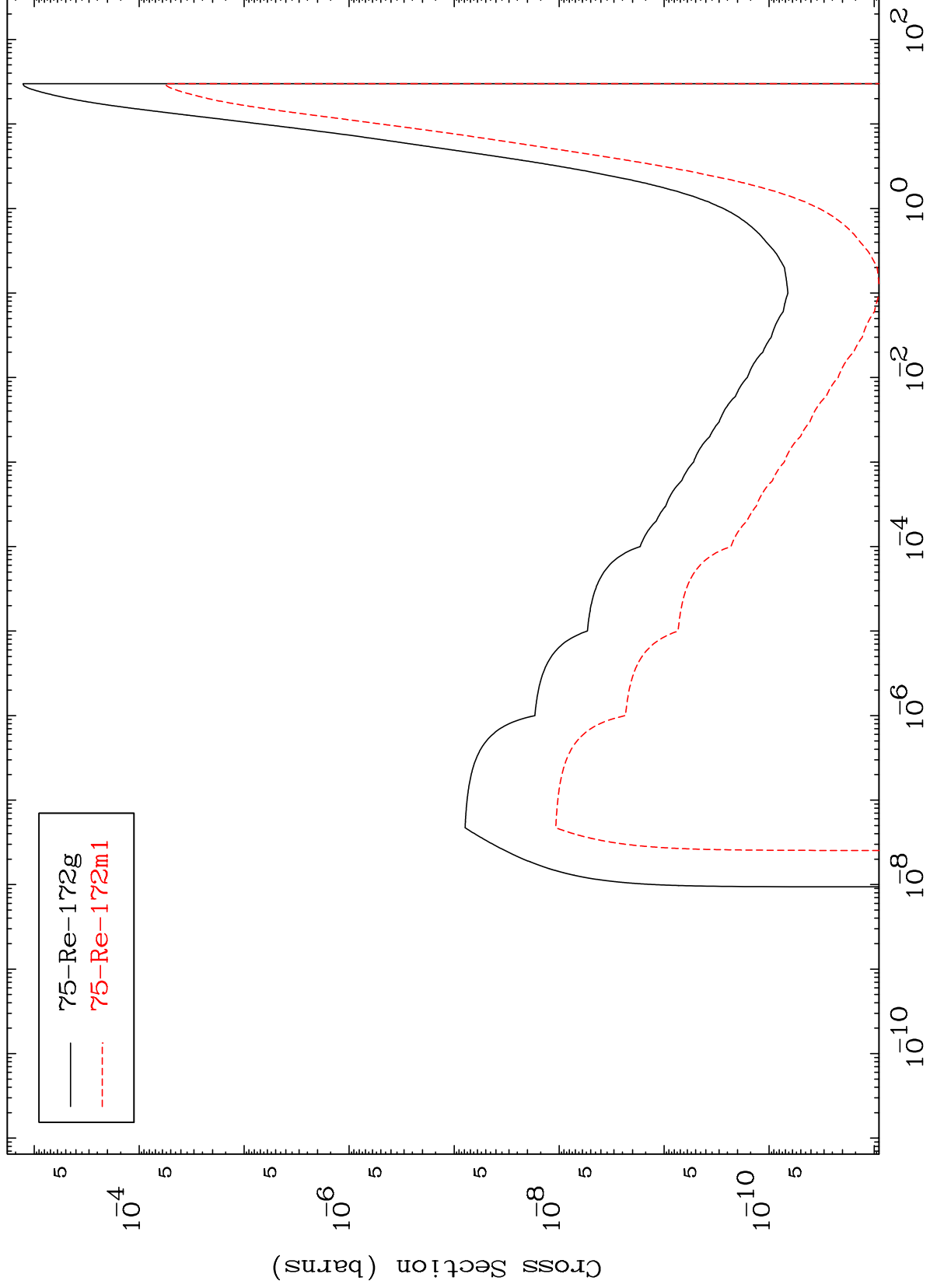


MAT 7871

(n,2α)

79-Au-179

Radionuclide Production Cross Section



72

Incident Energy (MeV)

79-Au-179