

Program EVALPLOT
(Version 2015-2)

by

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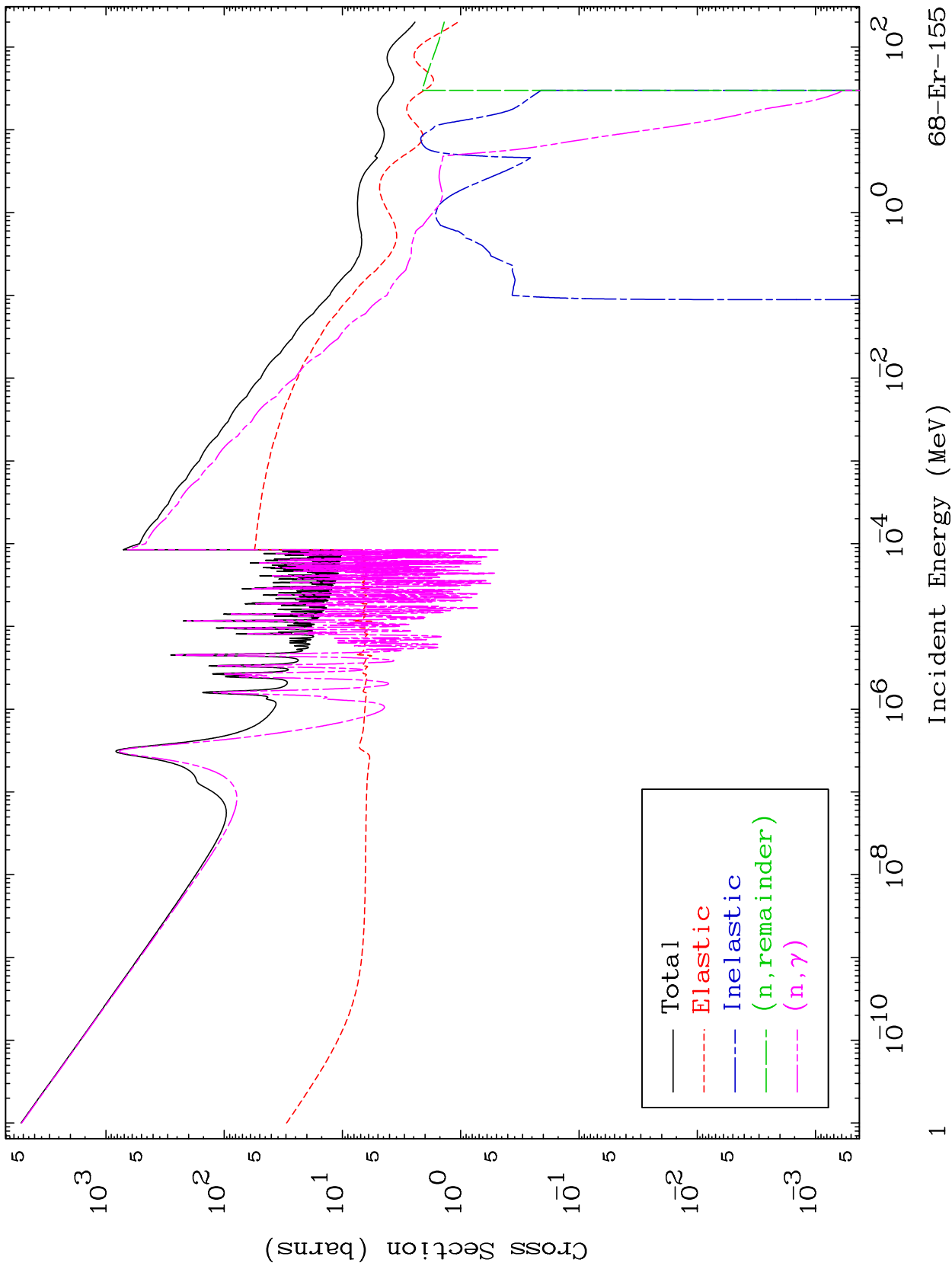
Press Mouse Button to Start

MAT 6804

Major

293 Kelvin Cross Sections

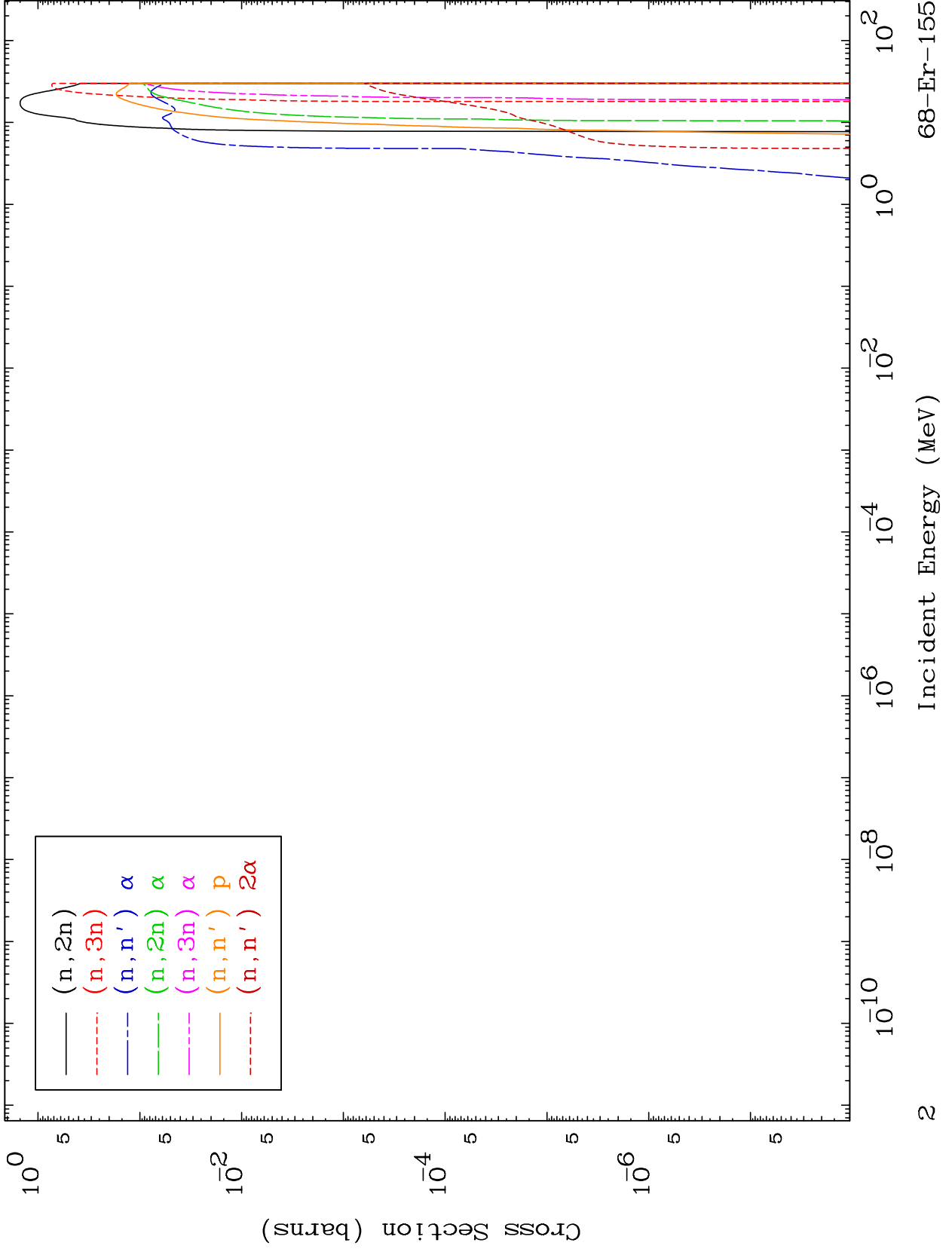
68-Er-155



MAT 6804

Neutron Production
293 Kelvin Cross Sections

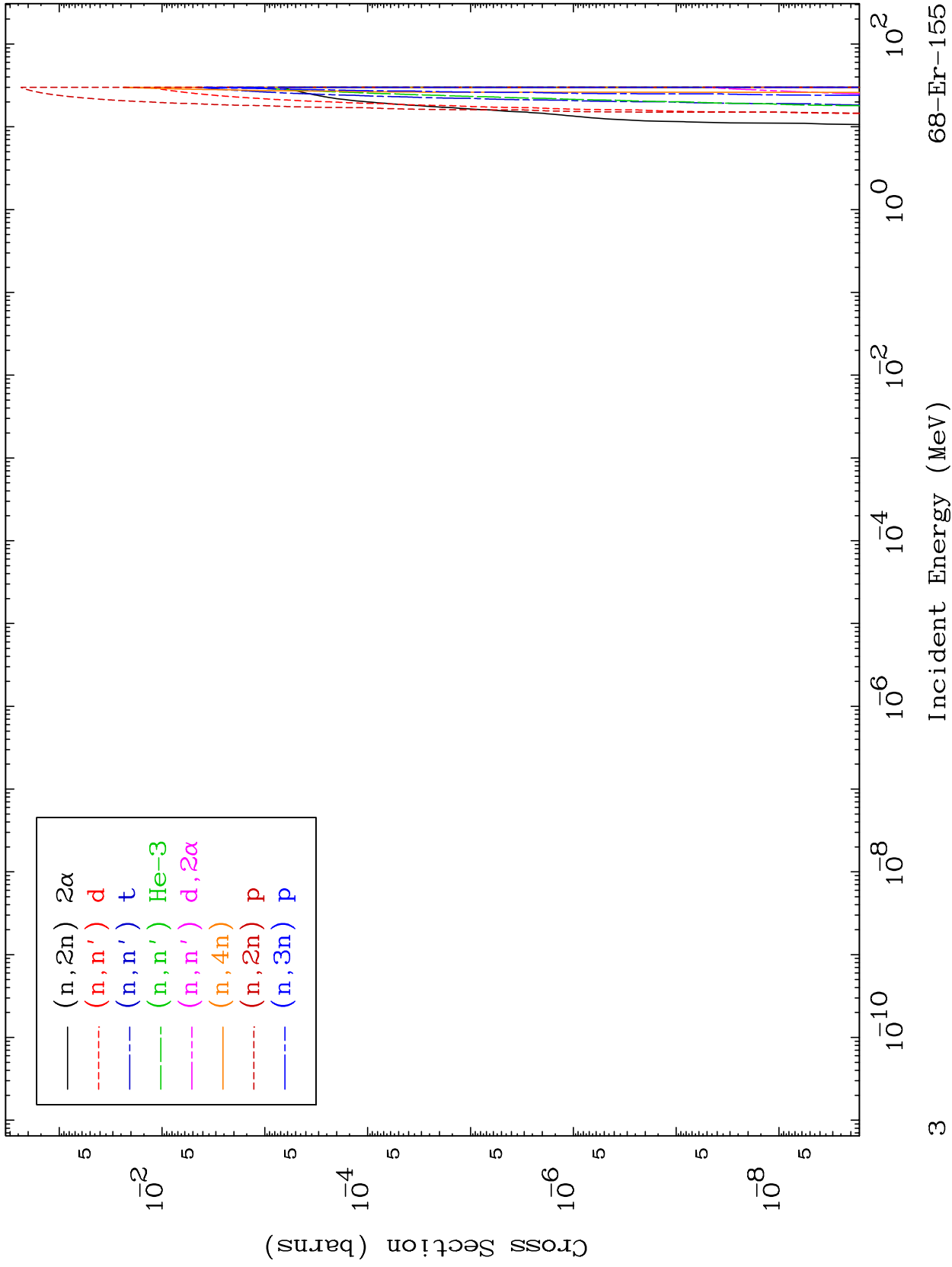
68-Er-155



MAT 6804

Neutron Production
293 Kelvin Cross Sections

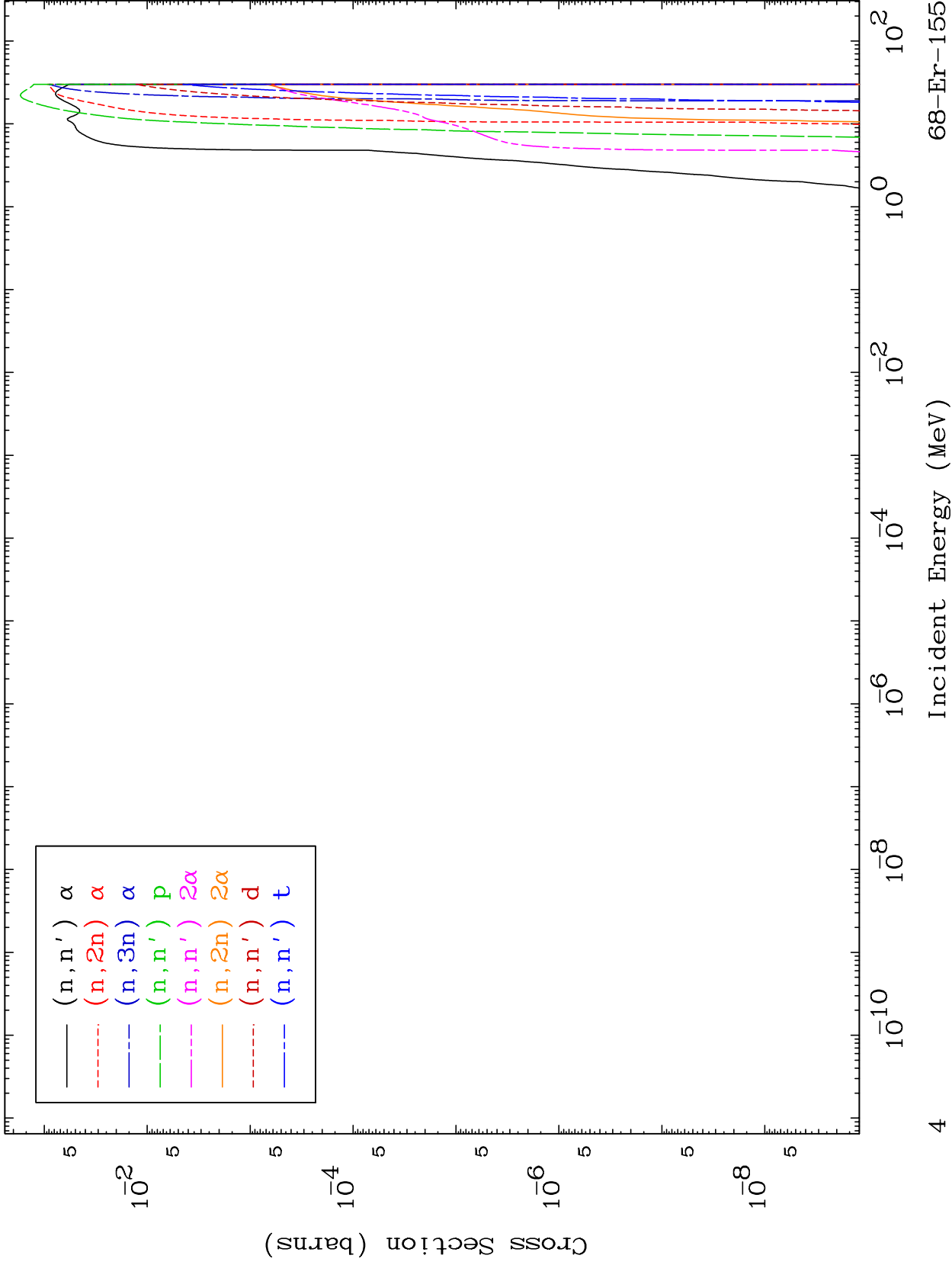
68-Er-155



MAT 6804

Charged Particle
293 Kelvin Cross Sections

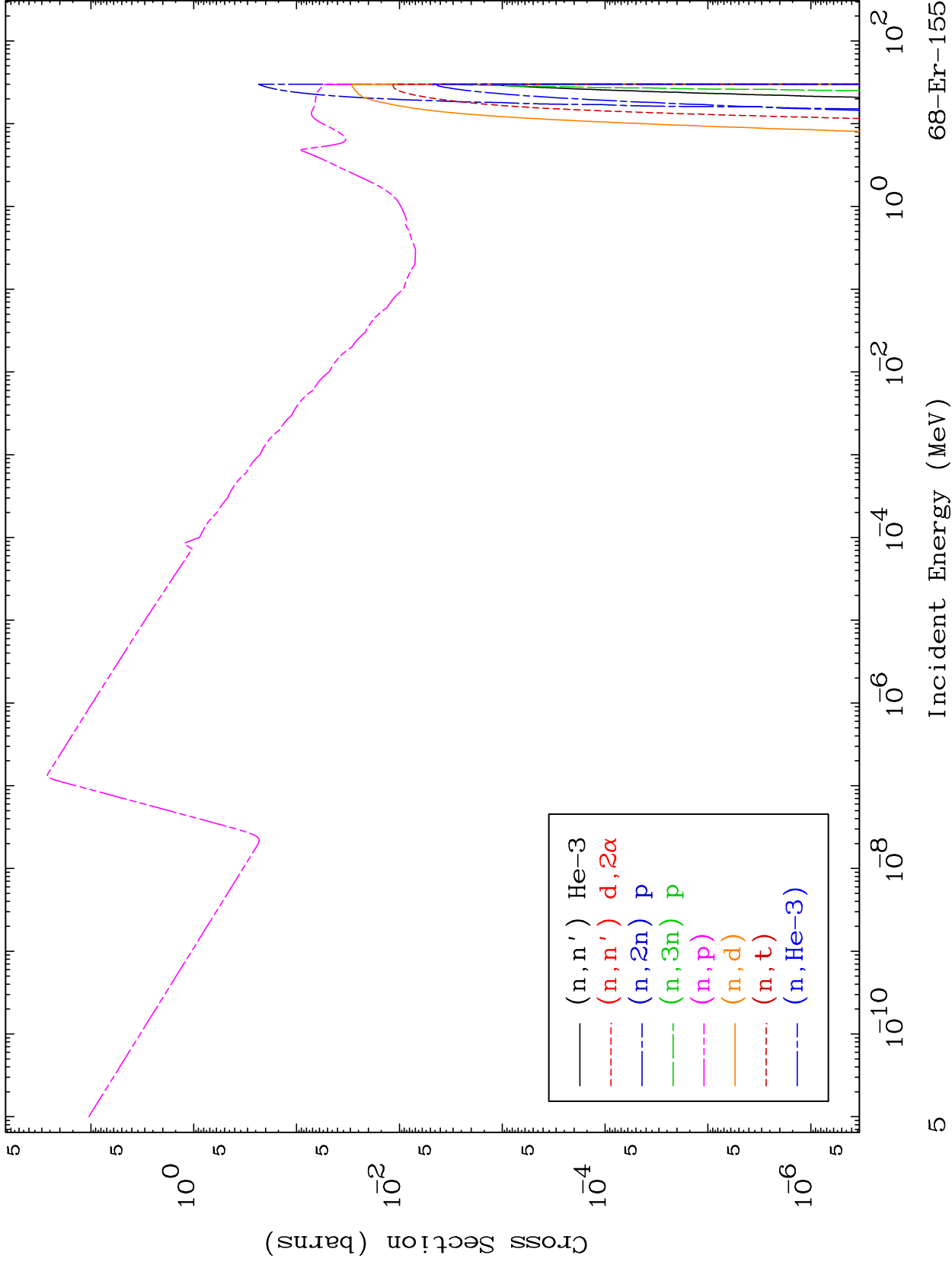
68-Er-155



MAT 6804

Charged Particle
293 Kelvin Cross Sections

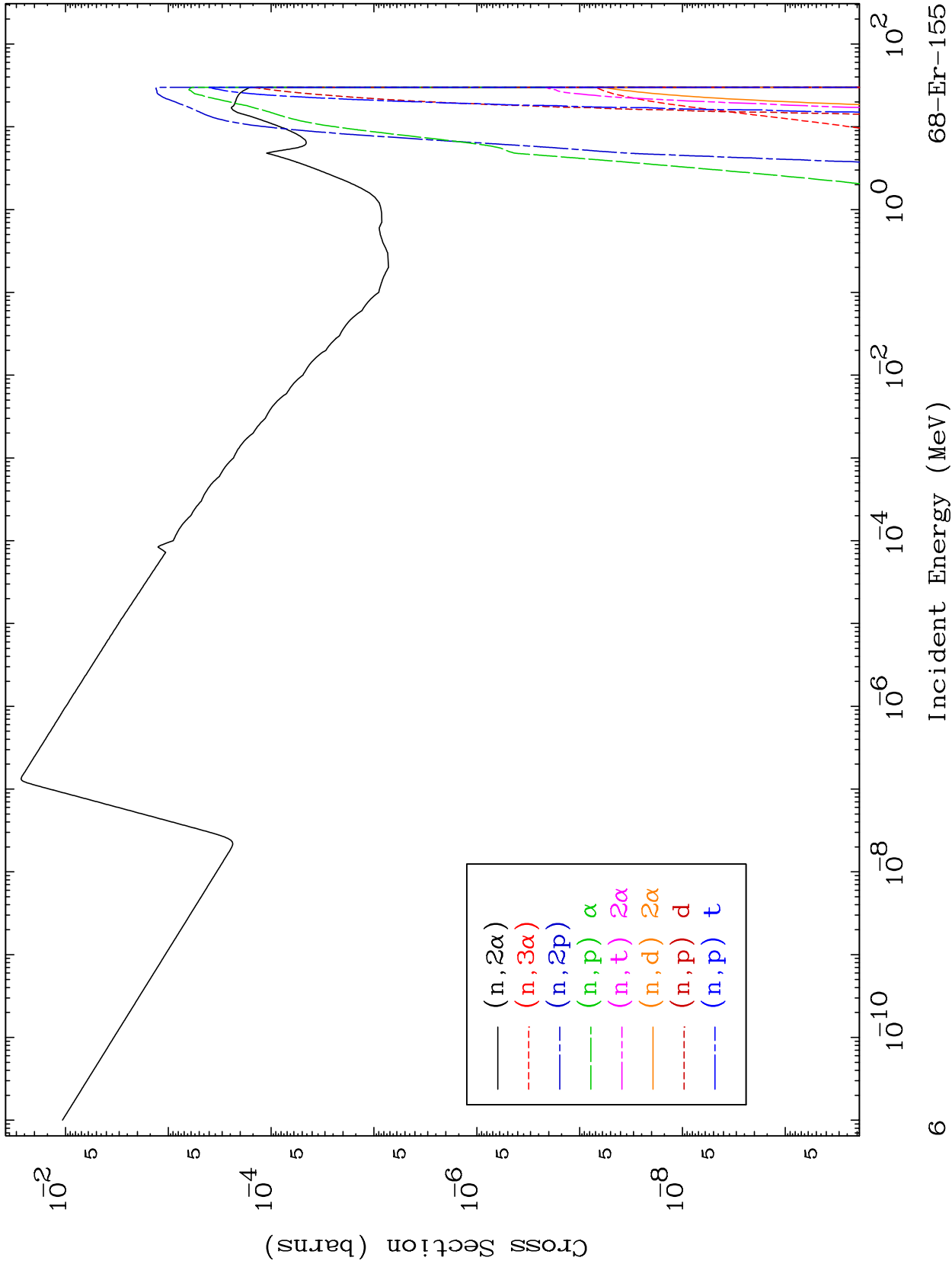
68-Er-155



MAT 6804

Charged Particle
293 Kelvin Cross Sections

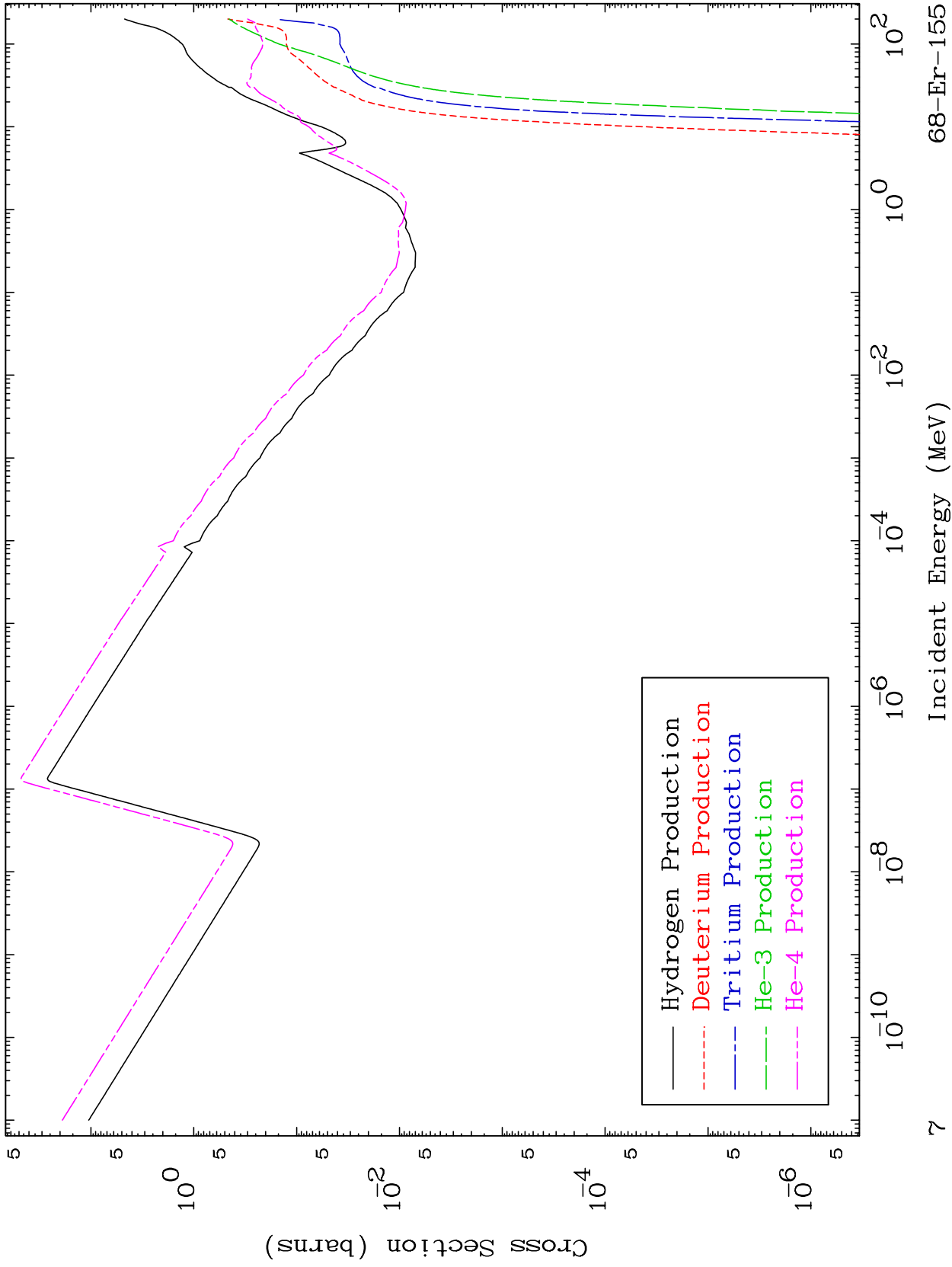
68-Er-155



MAT 6804

Particle Production
293 Kelvin Cross Sections

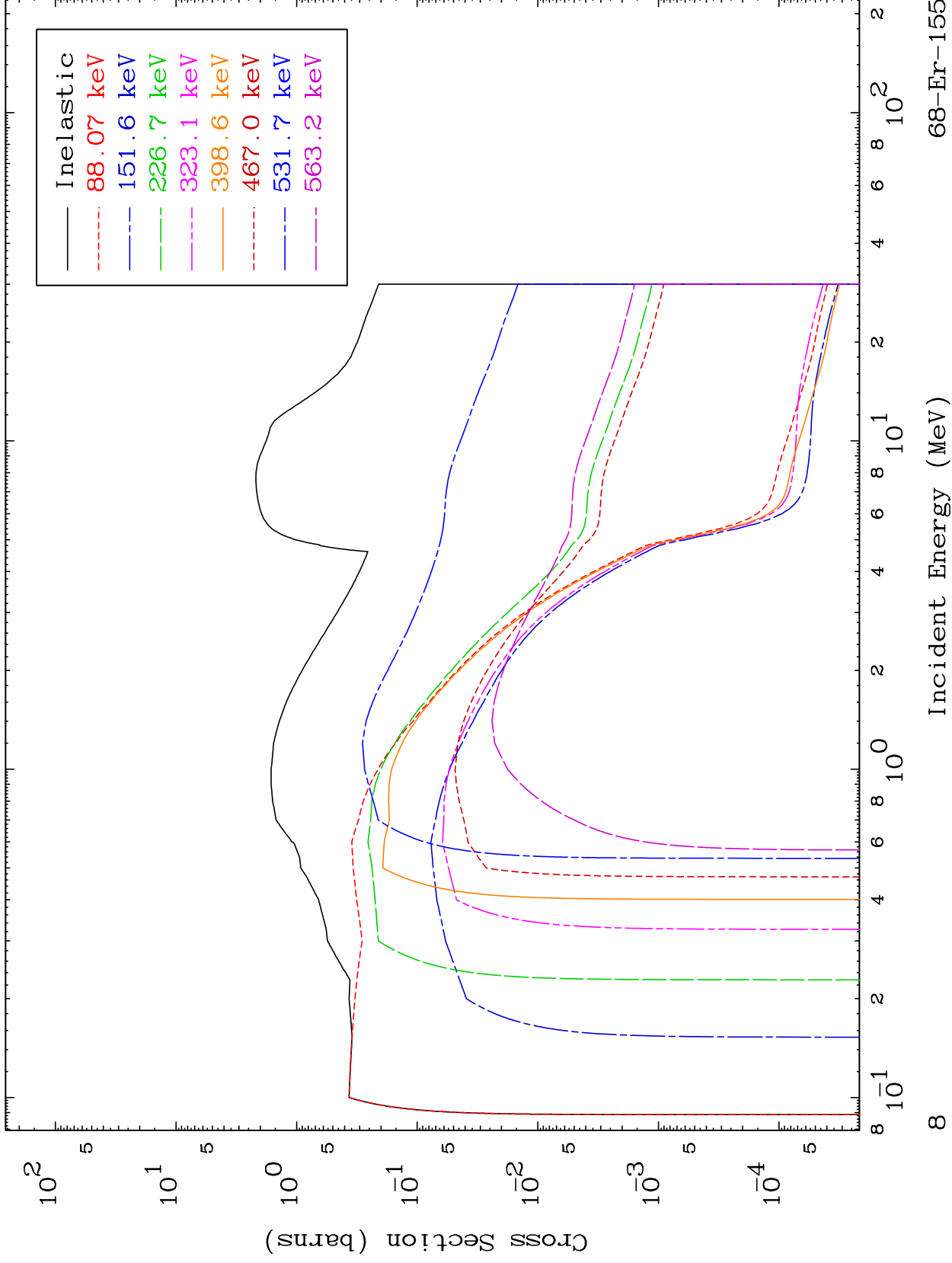
68-Er-155



MAT 6804

(n,n') Level
293 Kelvin Cross Sections

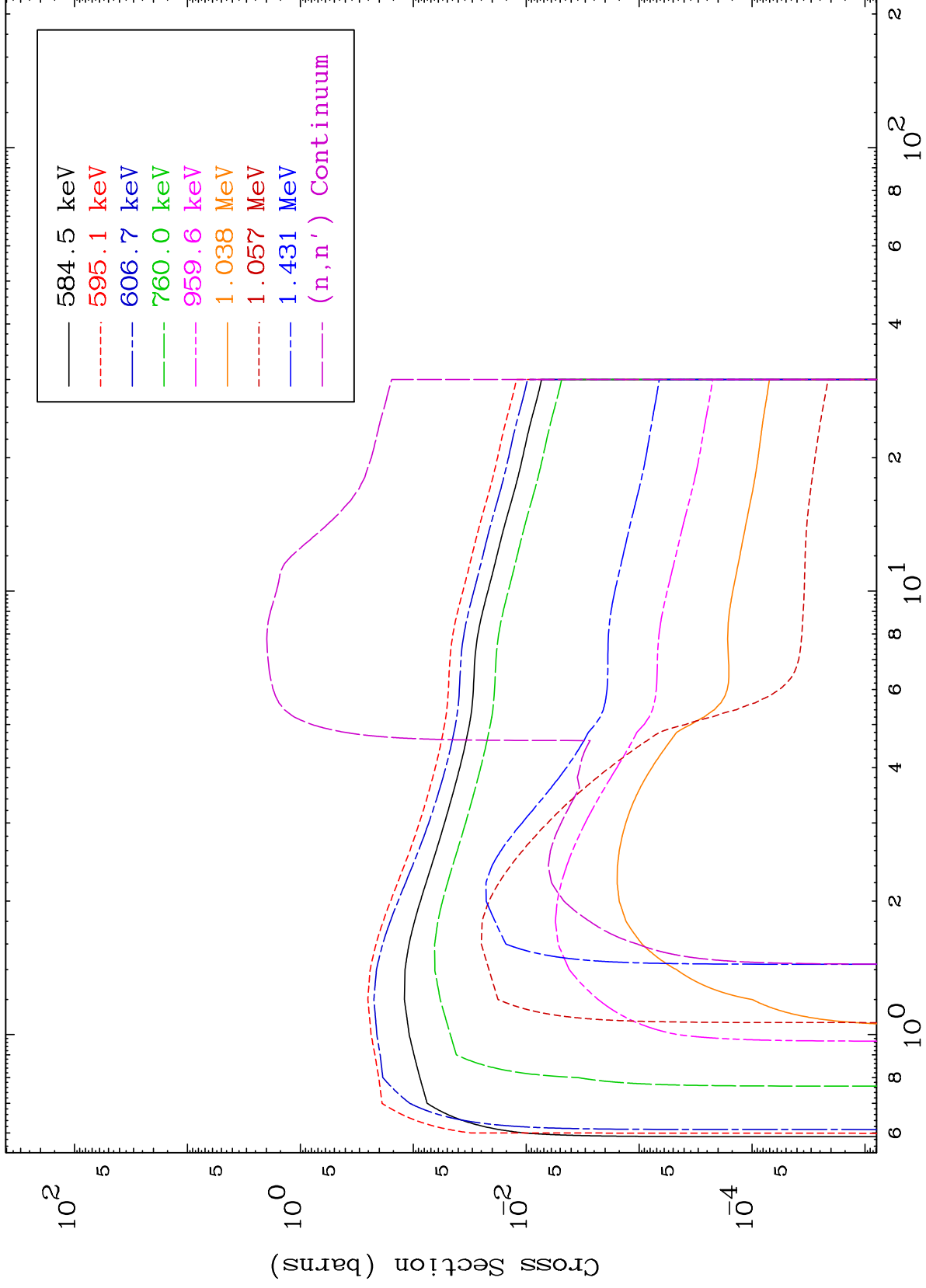
68-Er-155



68-Er-155

Incident Energy (MeV)

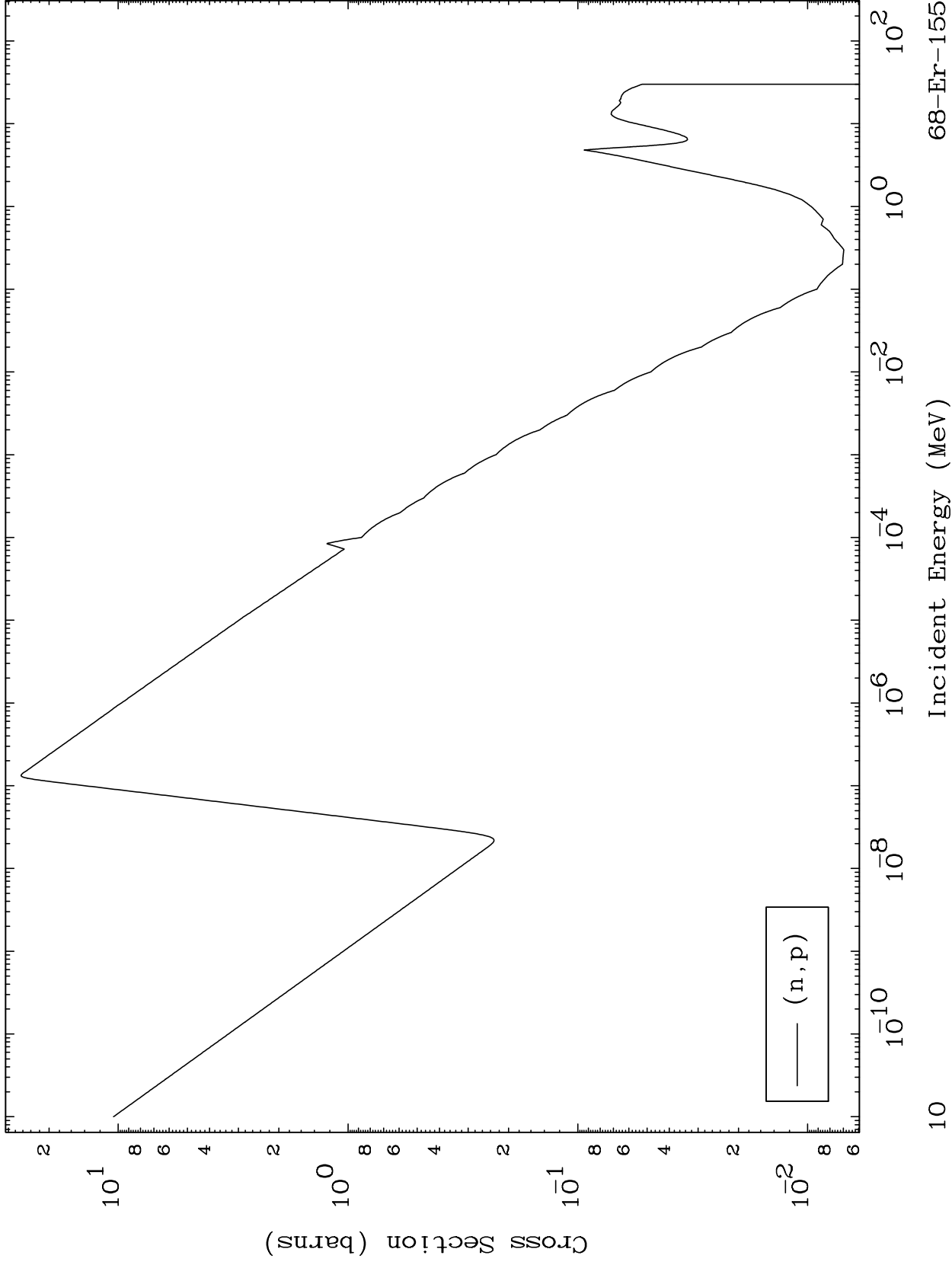
8



MAT 6804

(n,p) Levels
293 Kelvin Cross Sections

68-Er-155



10

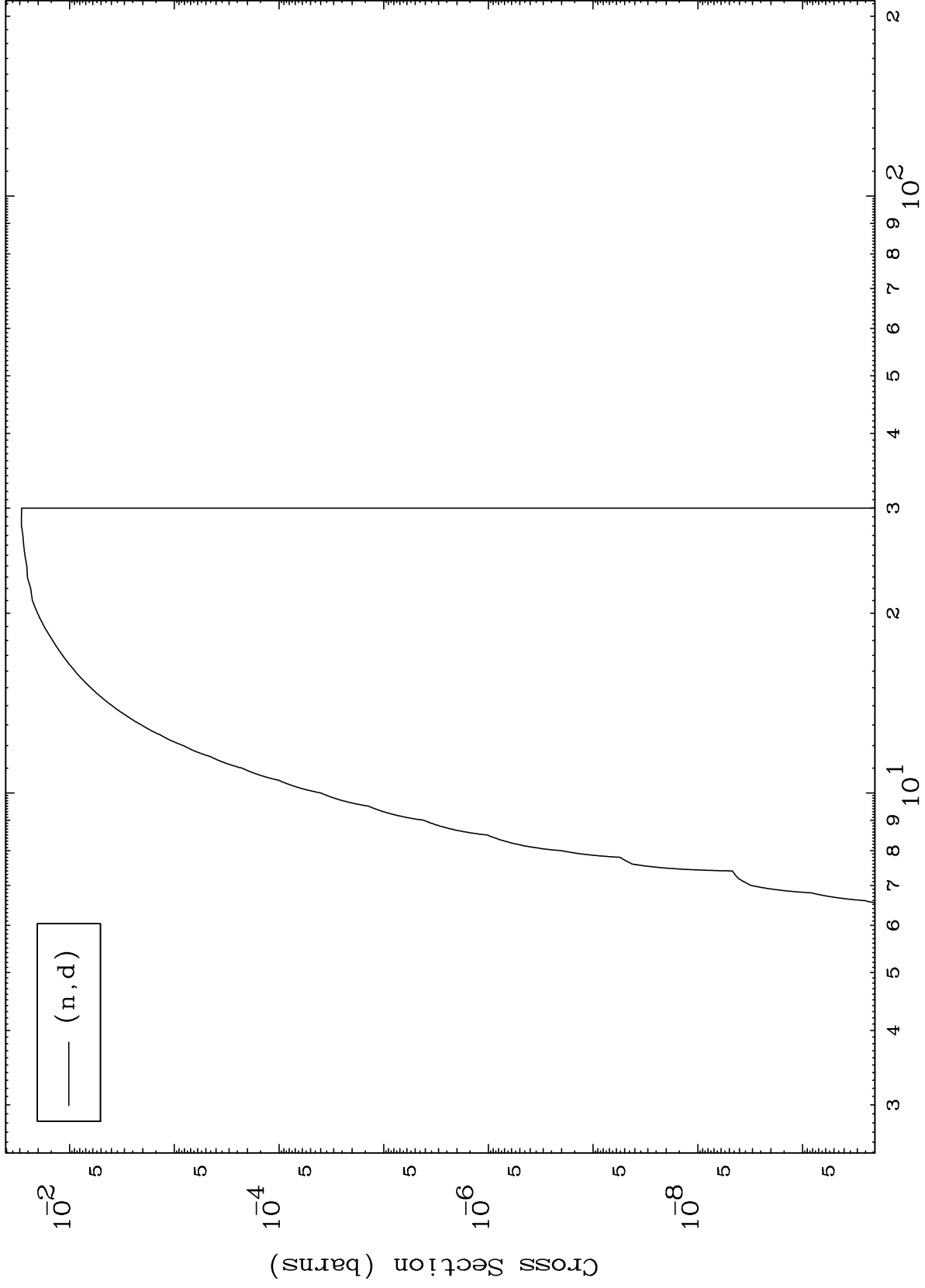
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,d) Levels
293 Kelvin Cross Sections

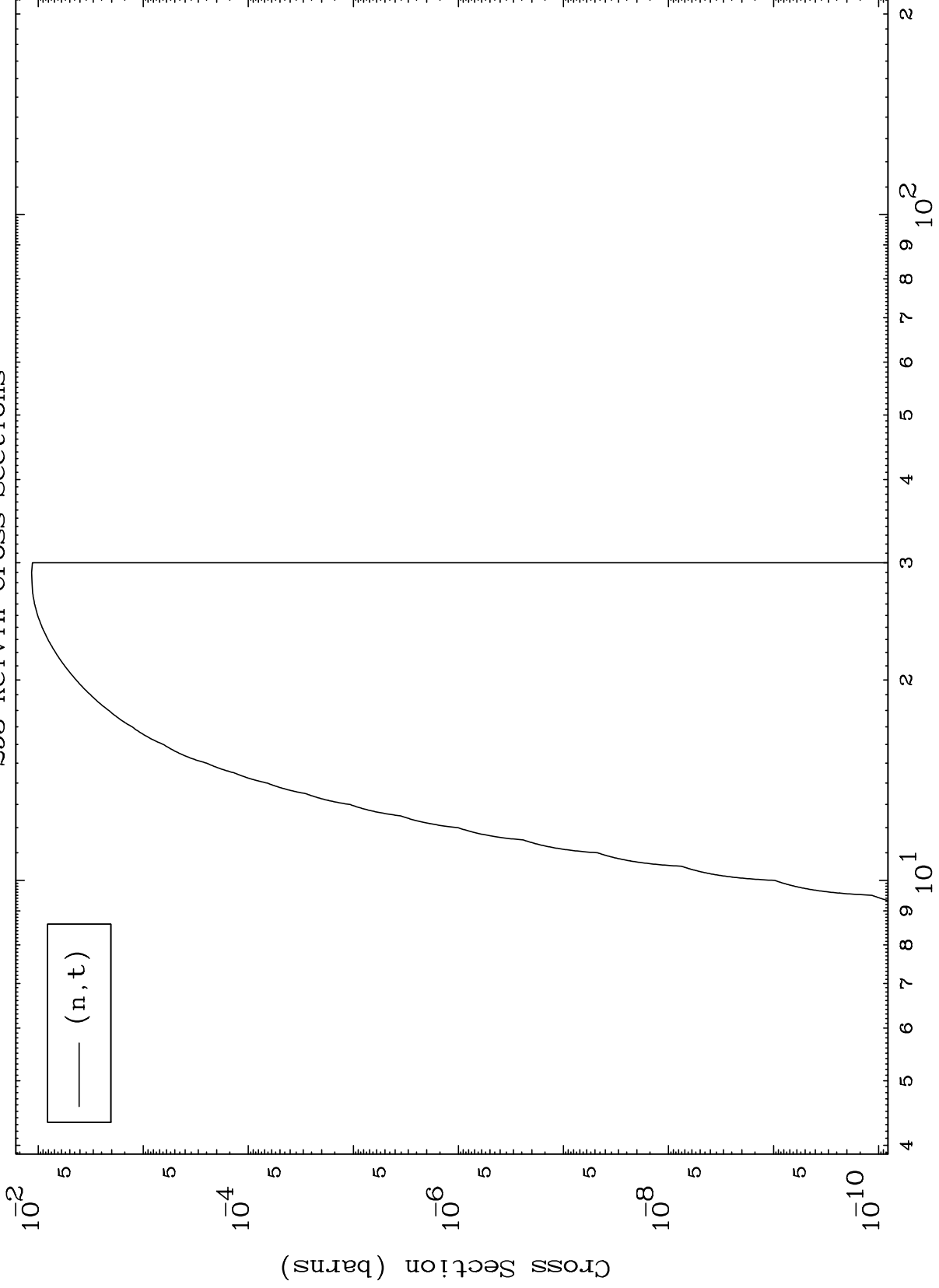
68-Er-155



MAT 6804

(n,t) Levels
293 Kelvin Cross Sections

68-Er-155



12

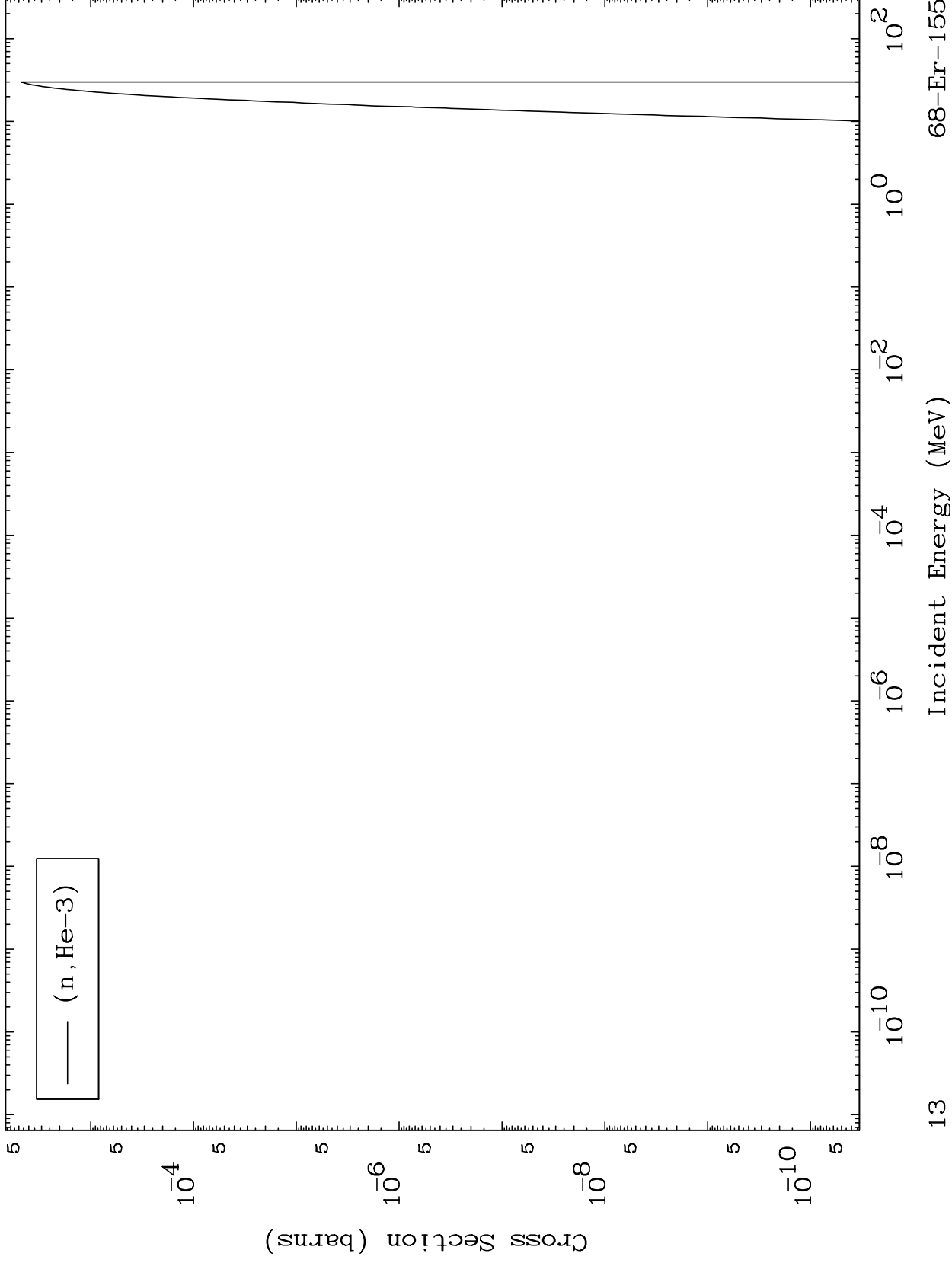
Incident Energy (MeV)

68-Er-155

MAT 6804

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-155



13

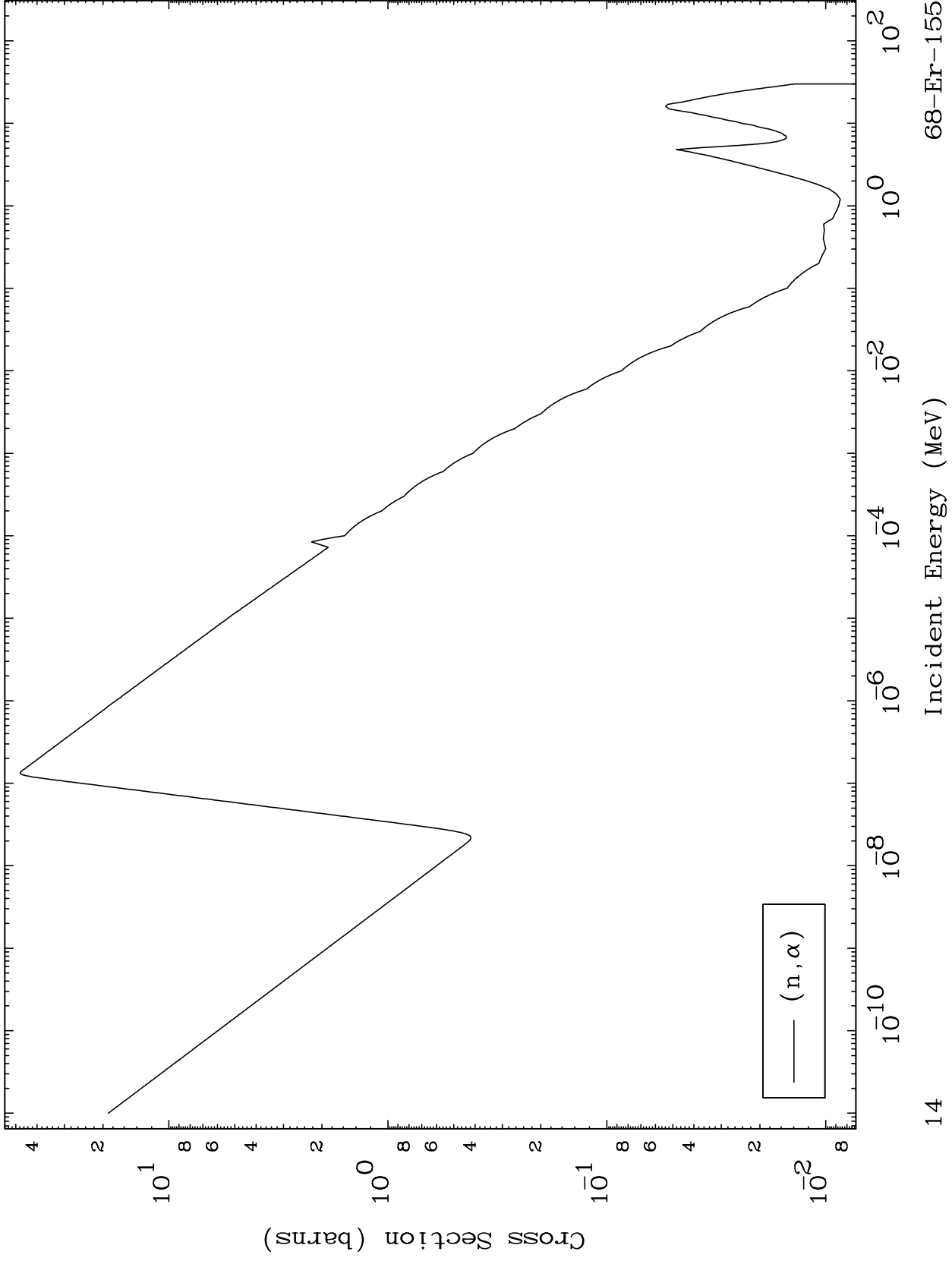
Incident Energy (MeV)

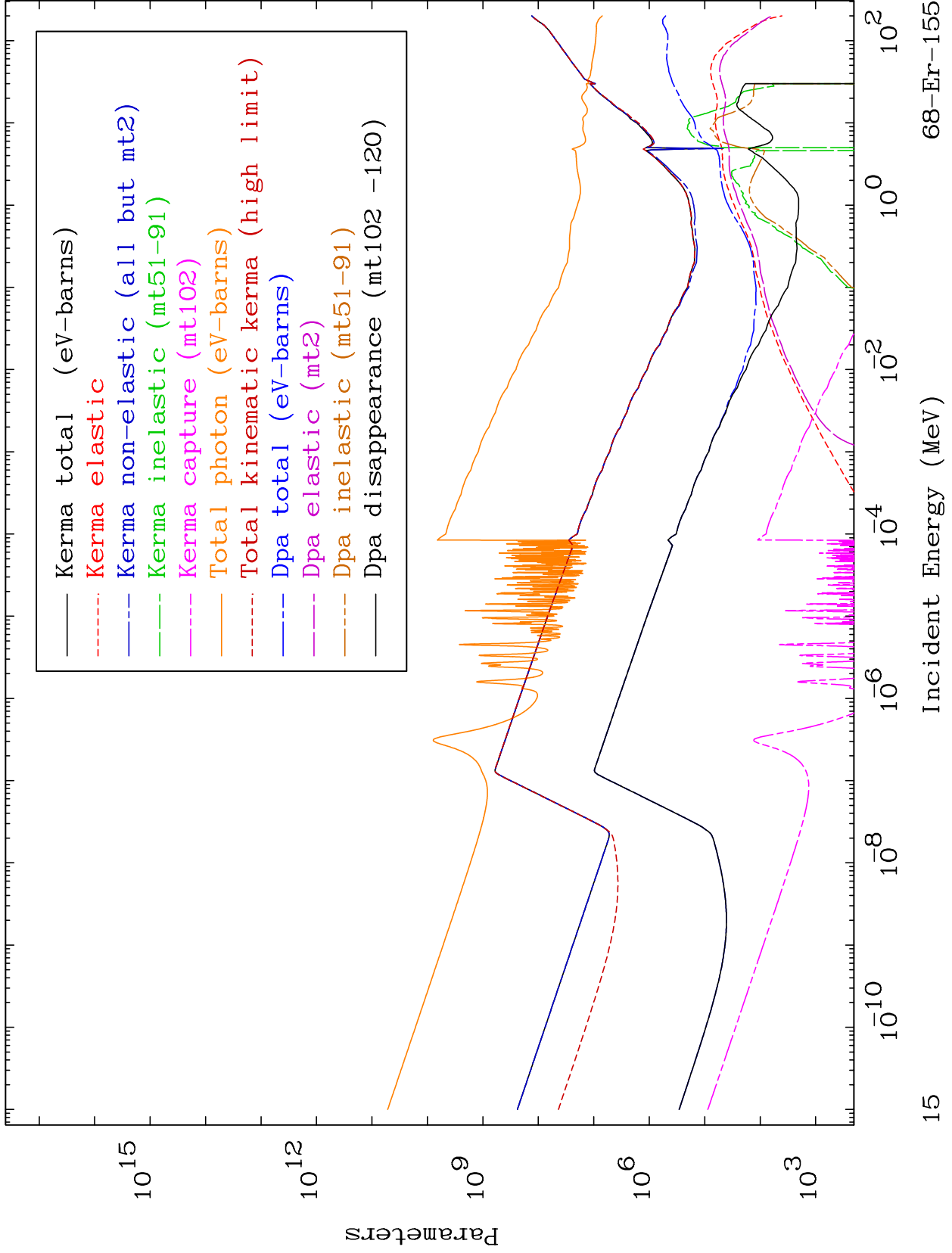
68-Er-155

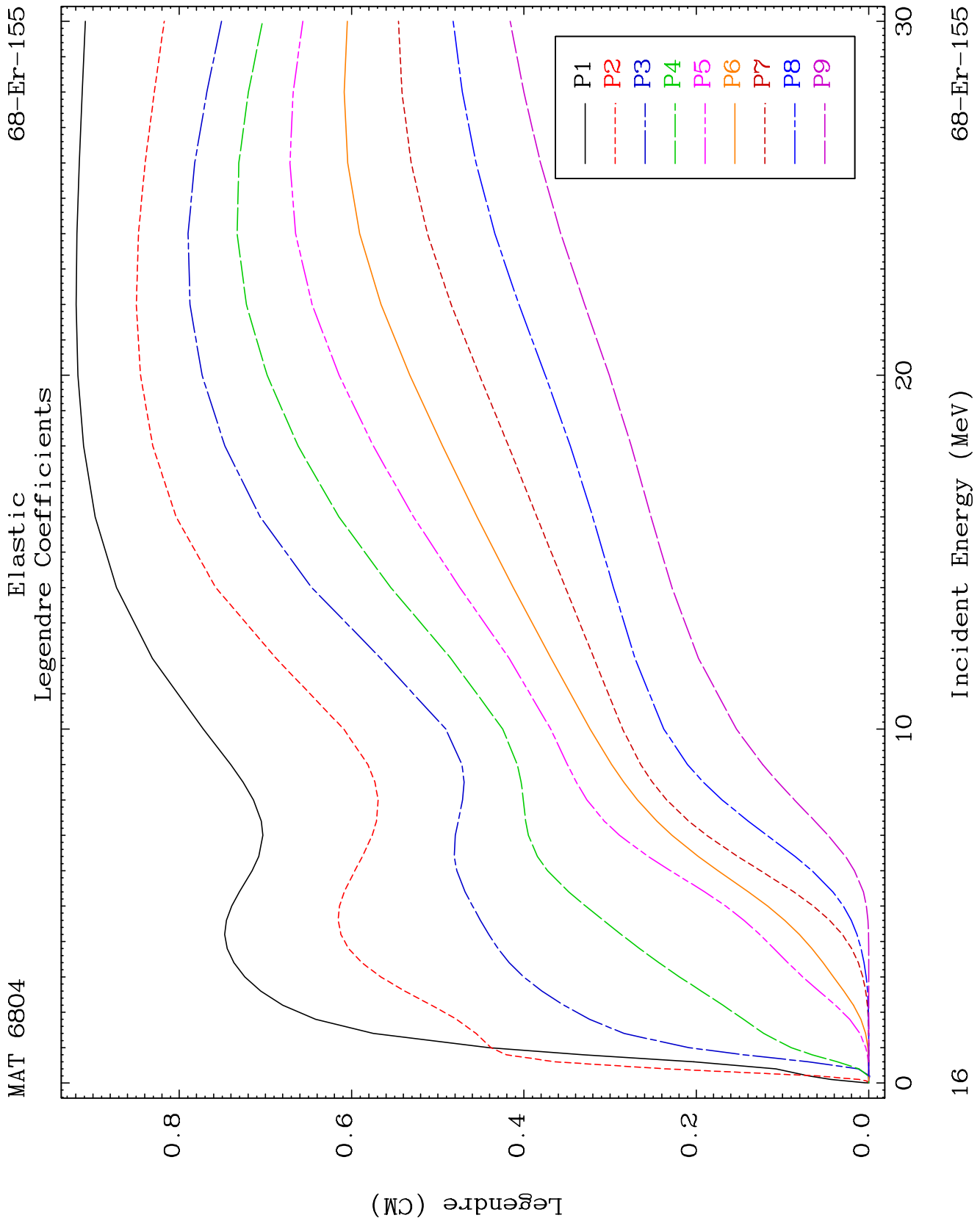
MAT 6804

(n, α) Levels
293 Kelvin Cross Sections

68-Er-155



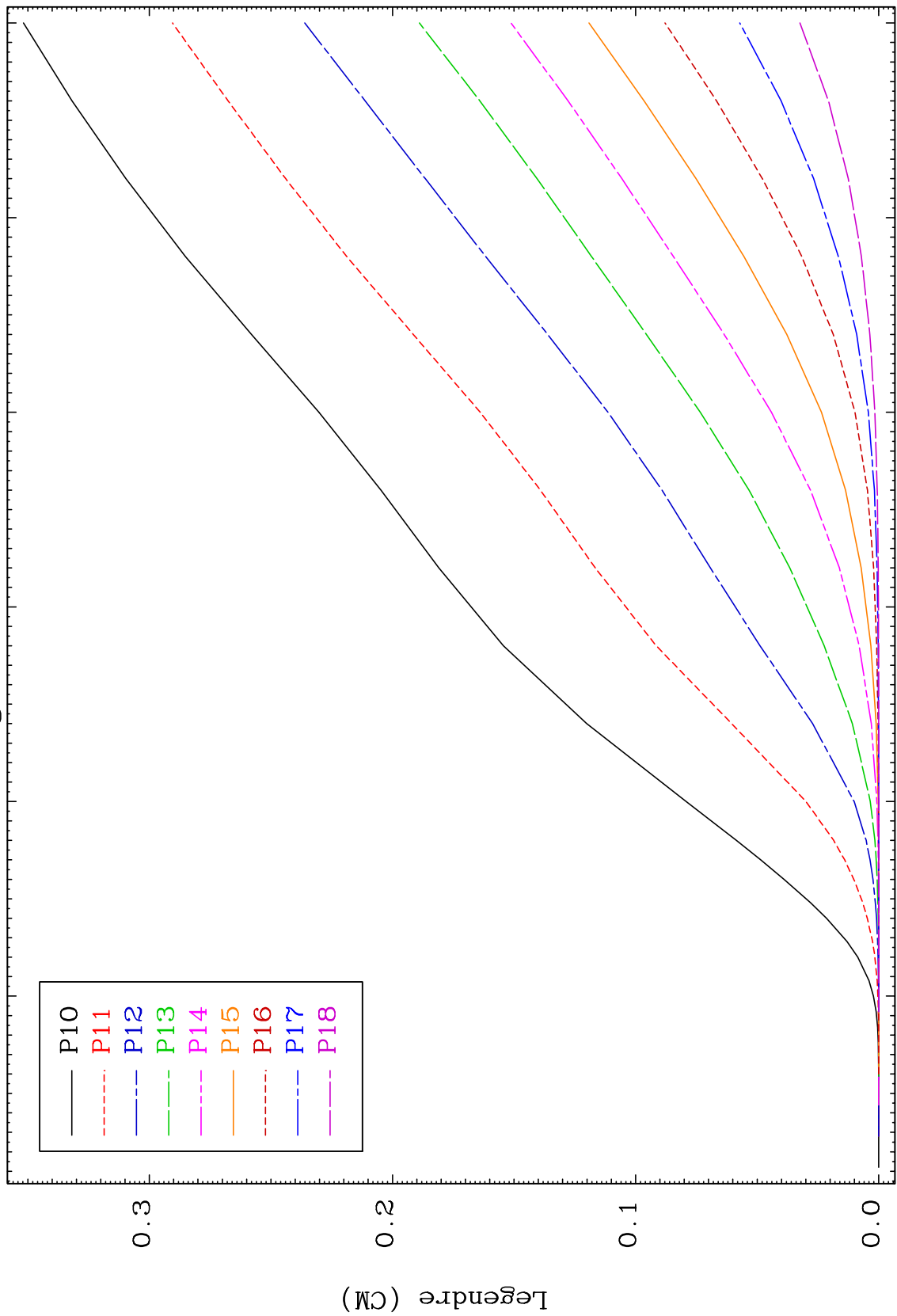




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Elastic Legendre Coefficients

68-Er-155



17

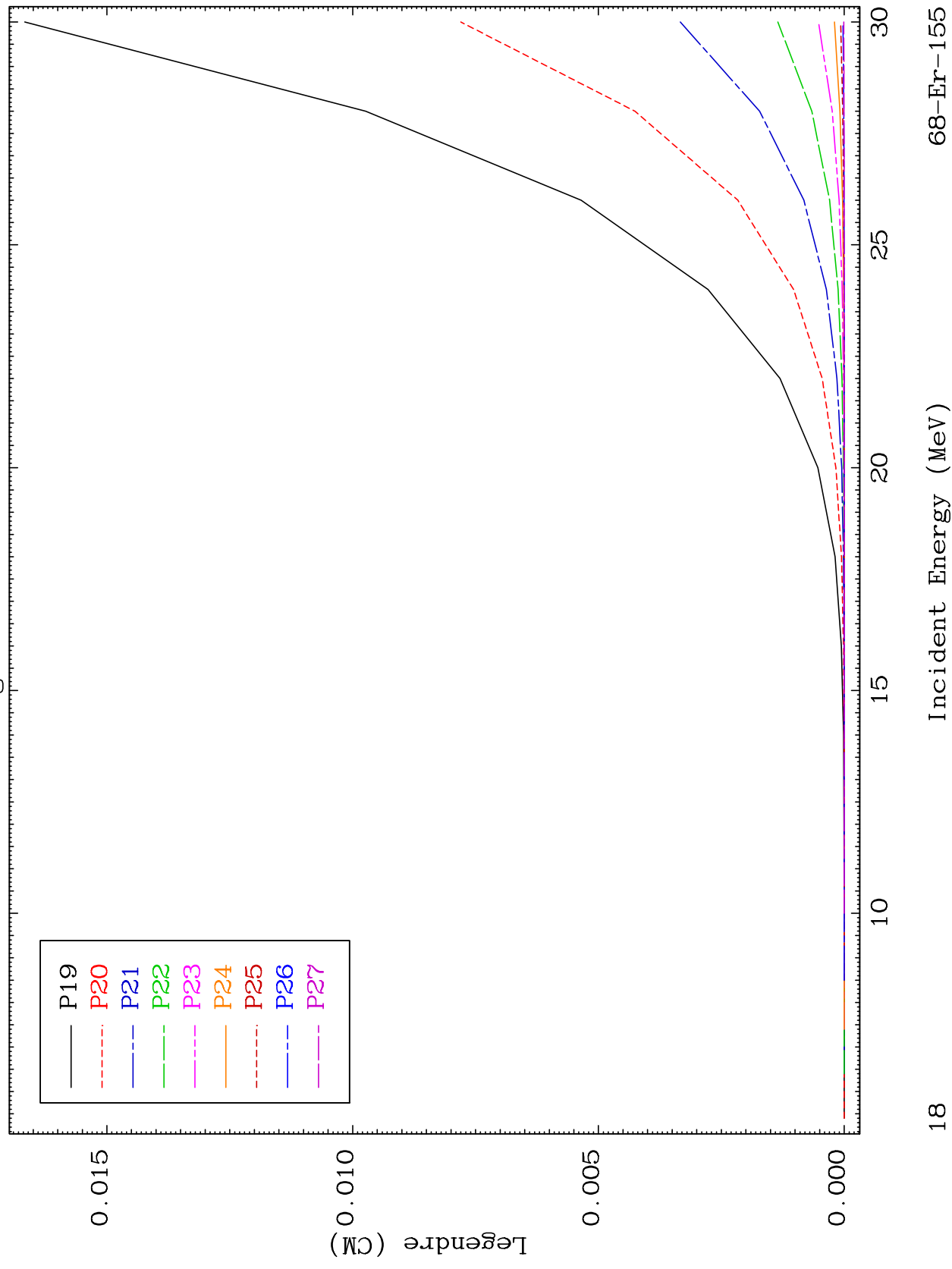
Incident Energy (MeV)

68-Er-155

MAT 6804

Elastic Legendre Coefficients

68-Er-155



18

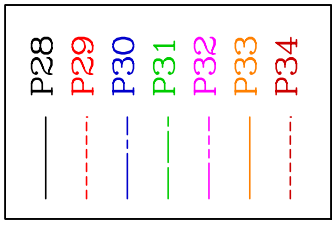
Incident Energy (MeV)

68-Er-155

MAT 6804

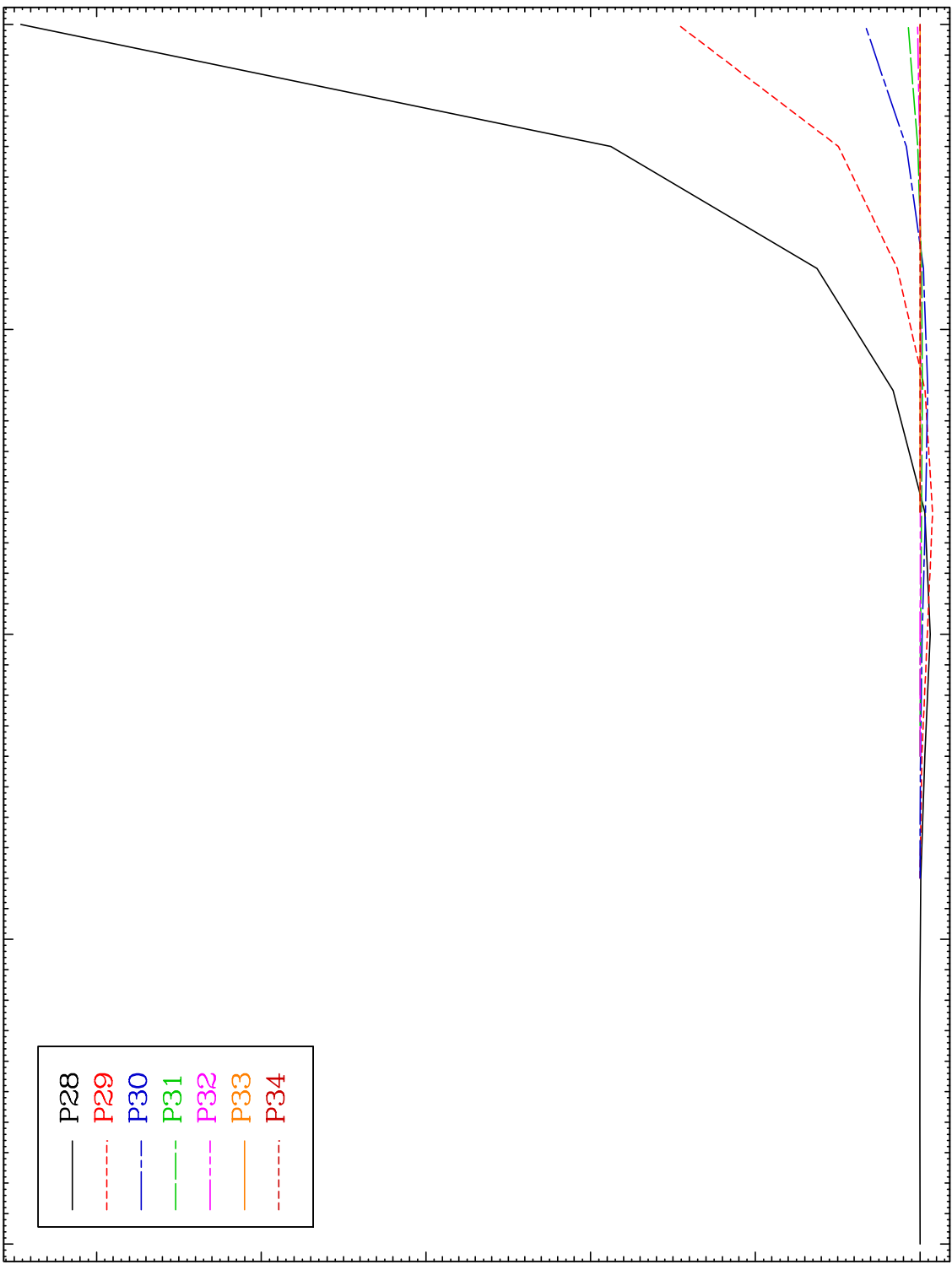
Elastic Legendre Coefficients

68-Er-155



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

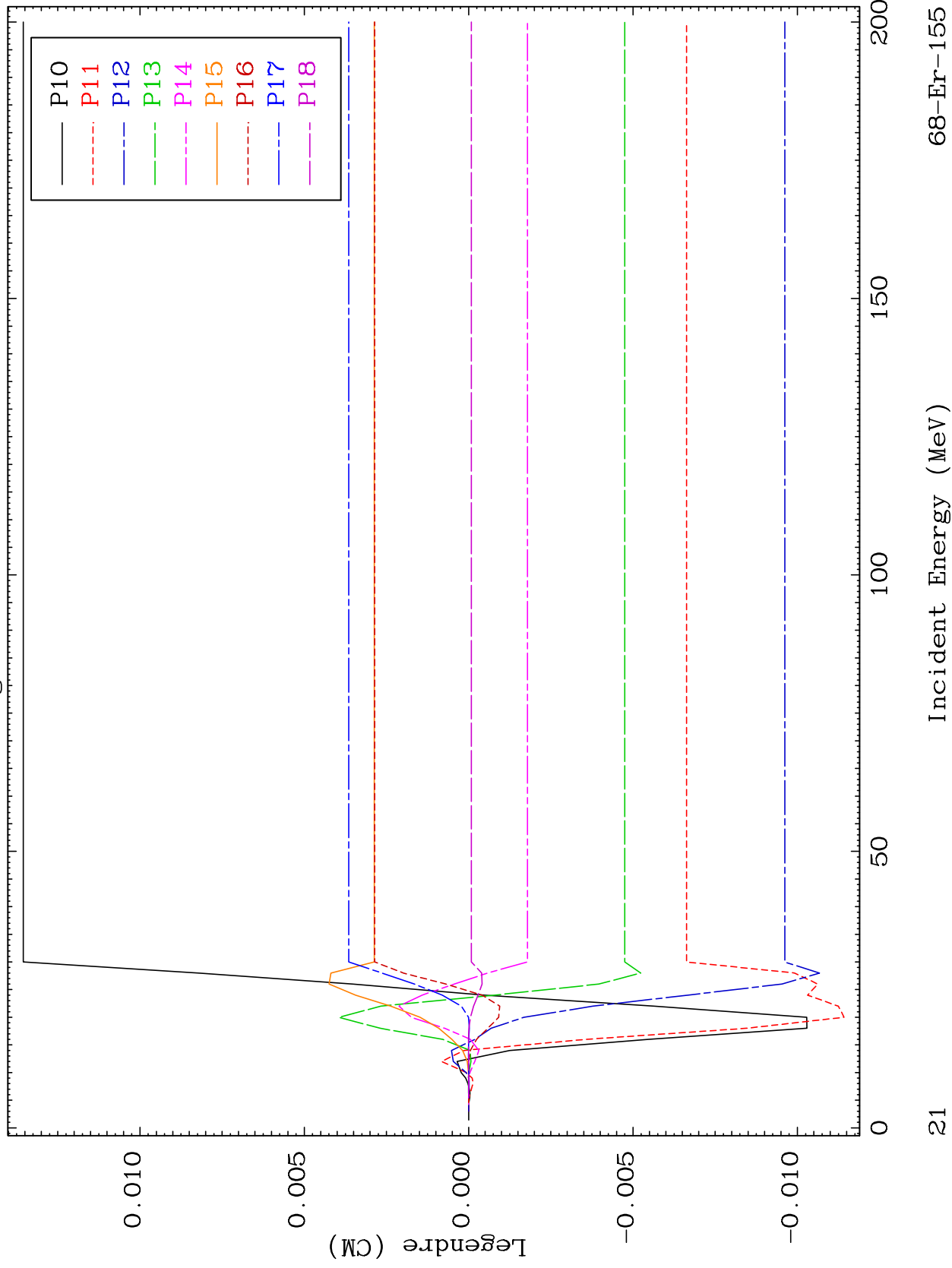
68-Er-155

19

MAT 6804

88.07 keV (n,n') Level
Legendre Coefficients

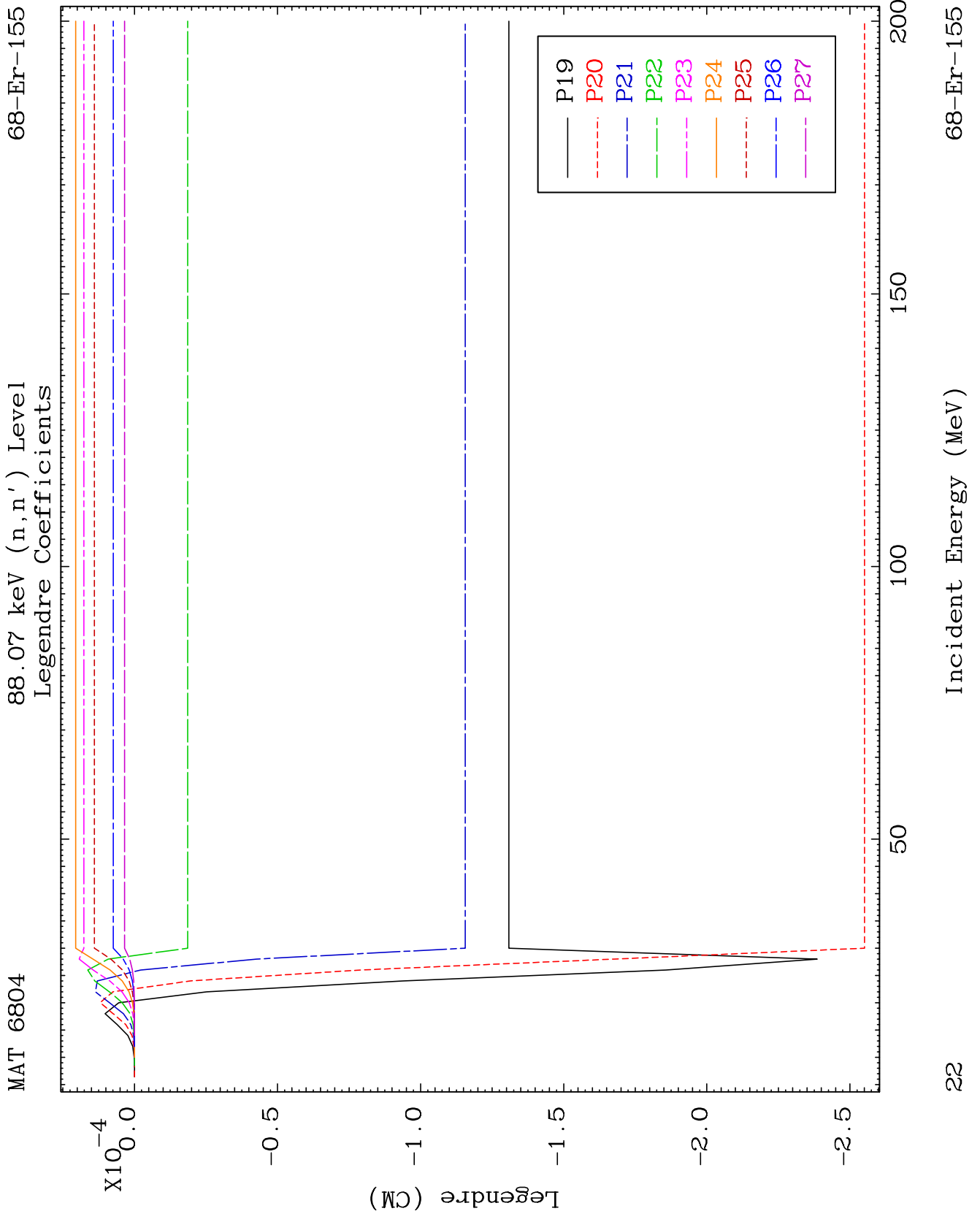
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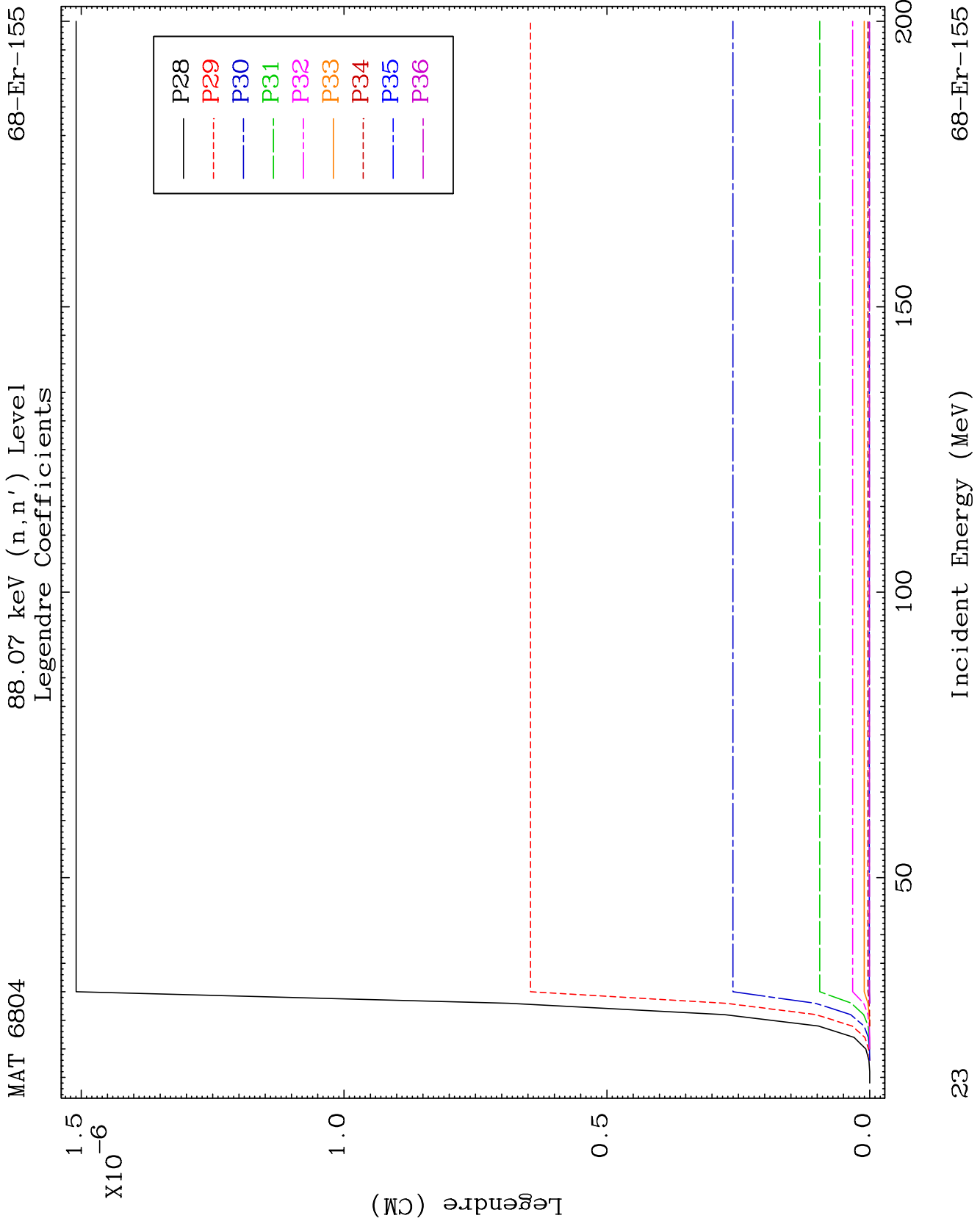


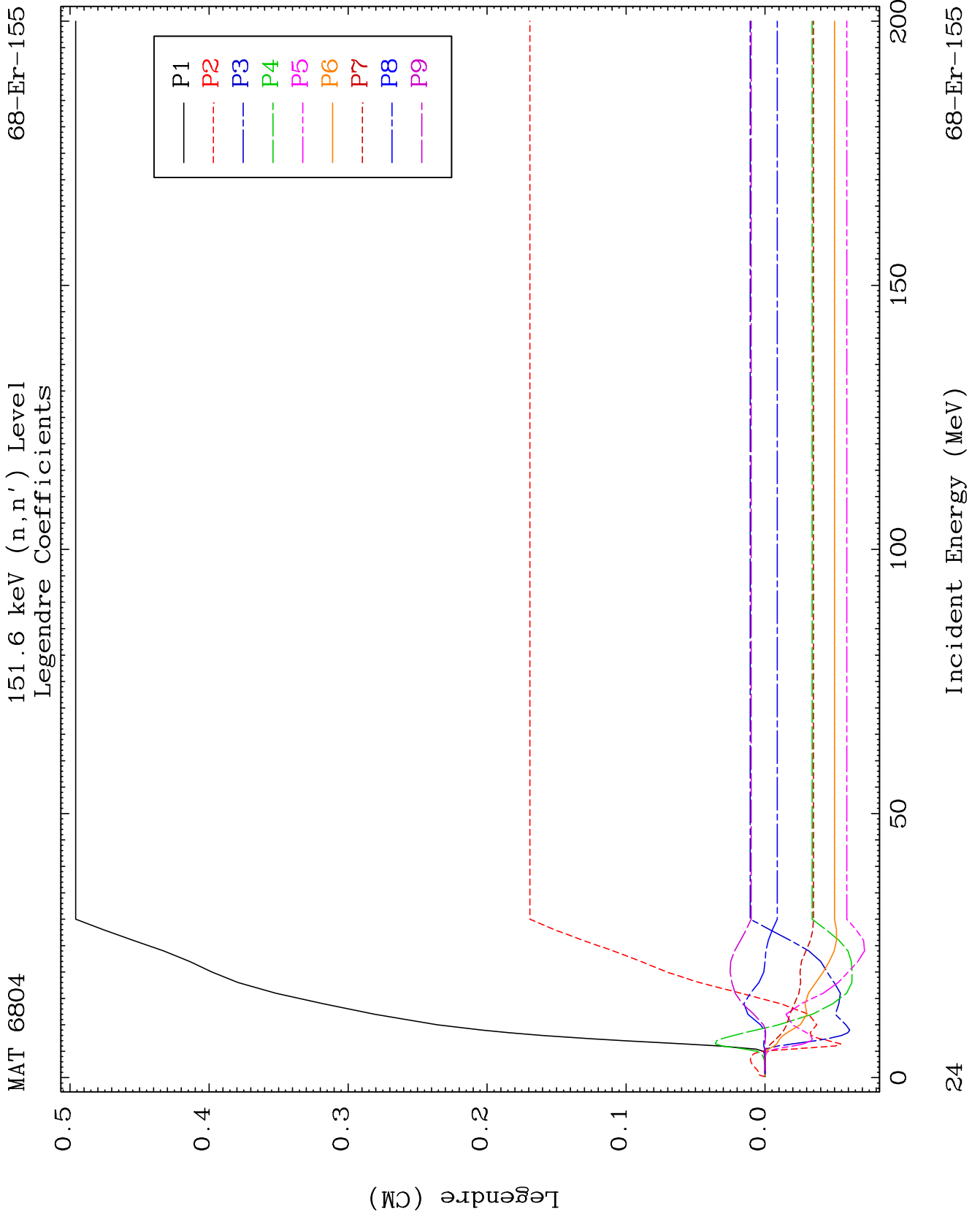
21

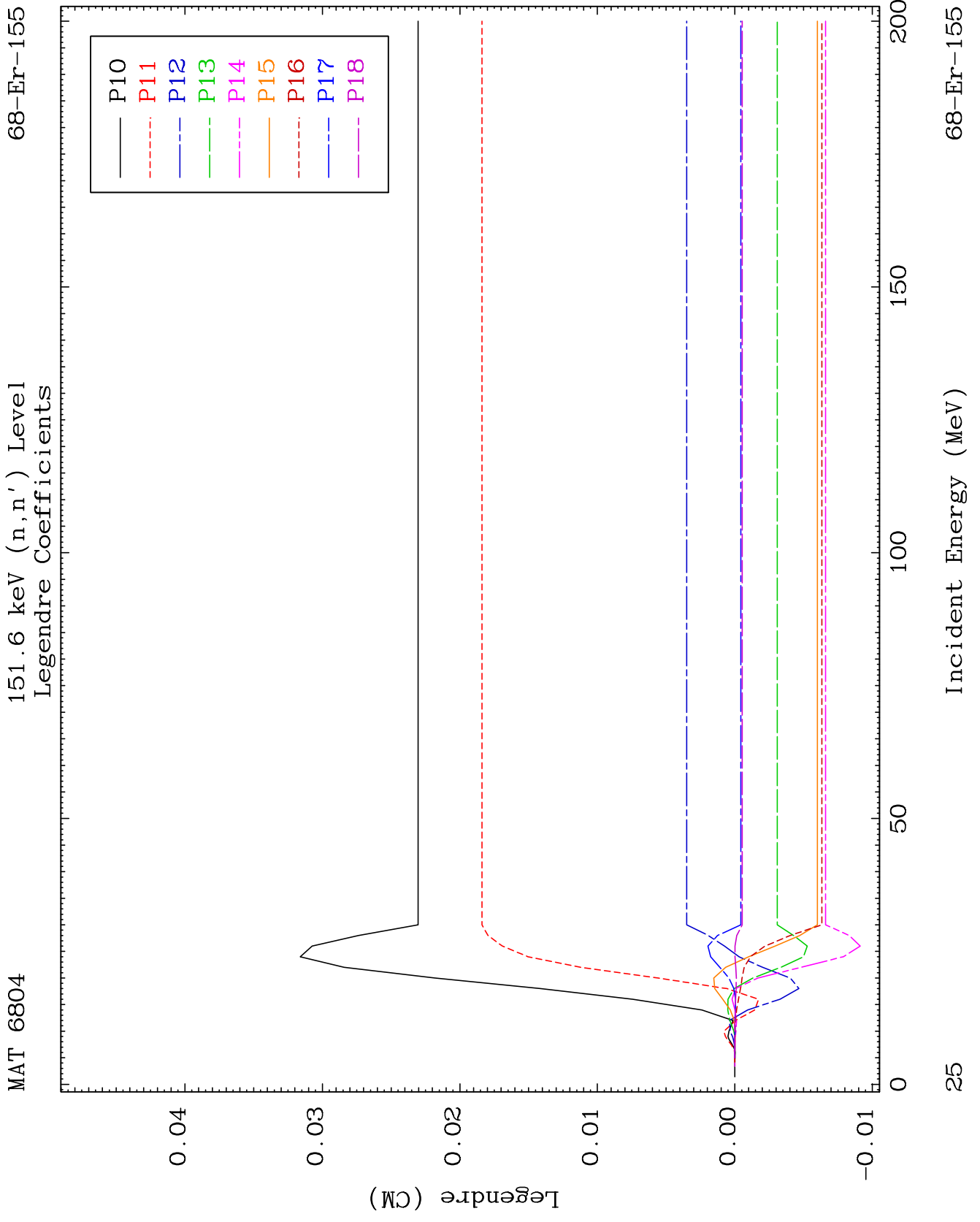
Incident Energy (MeV)

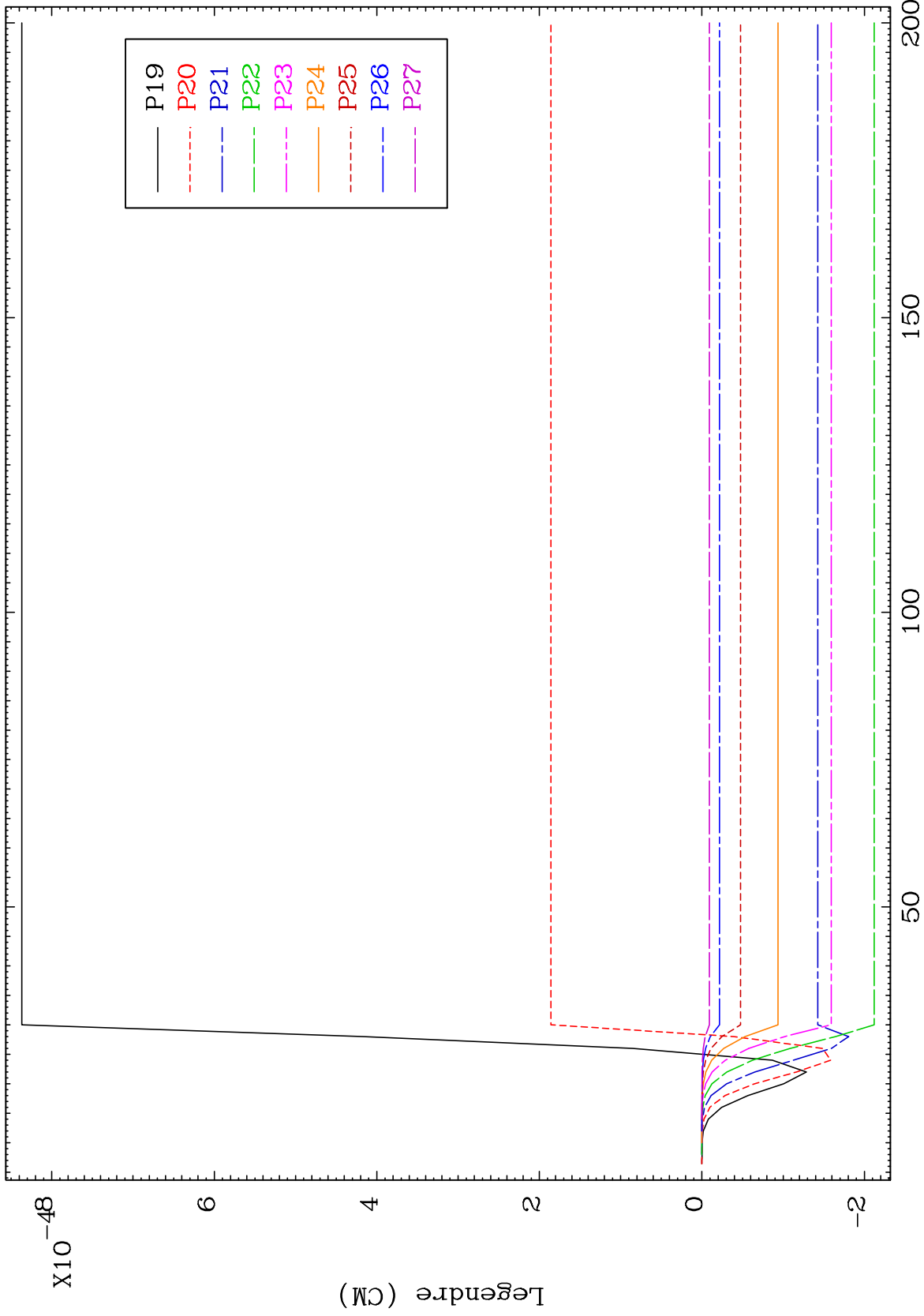
68-Er-155

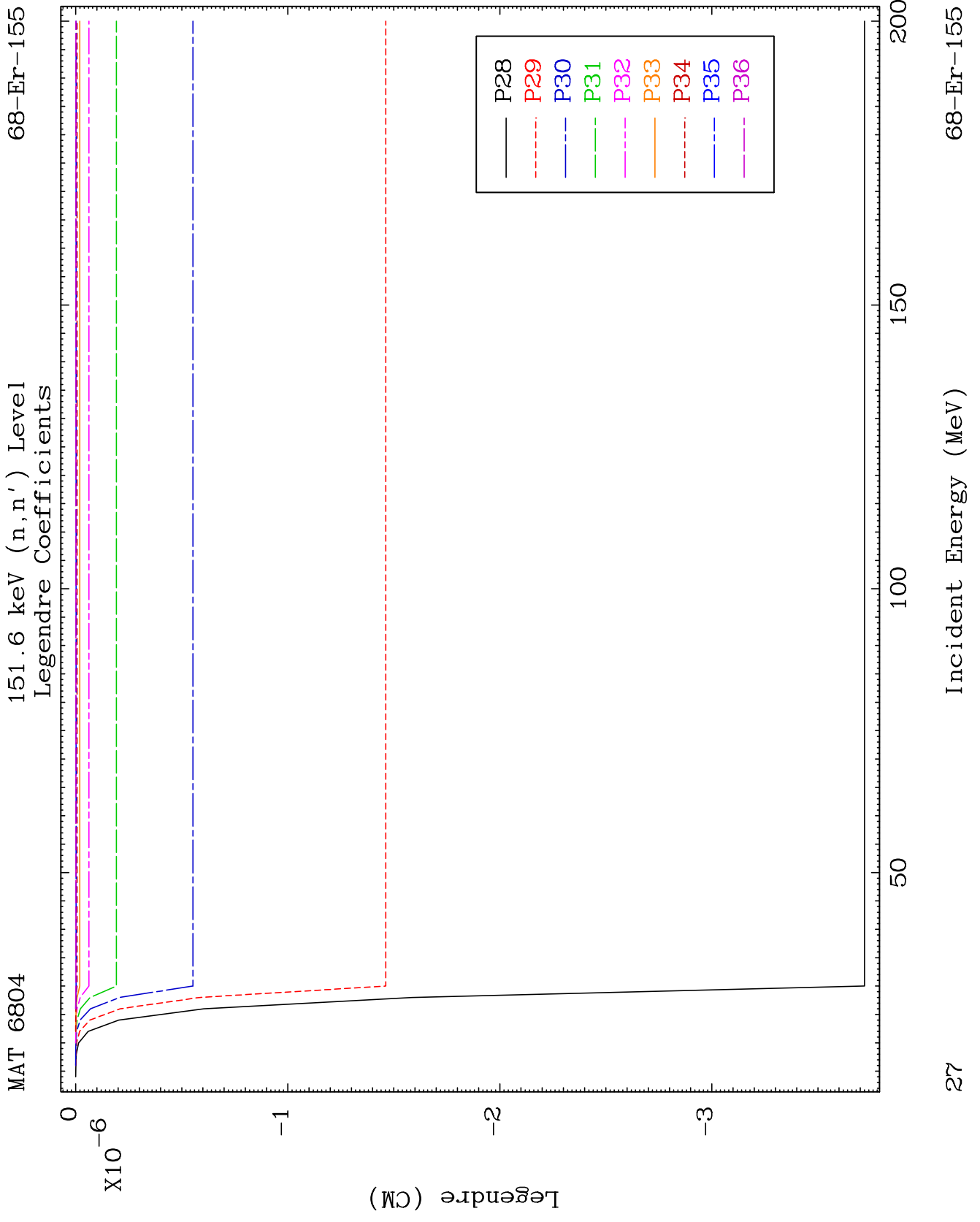








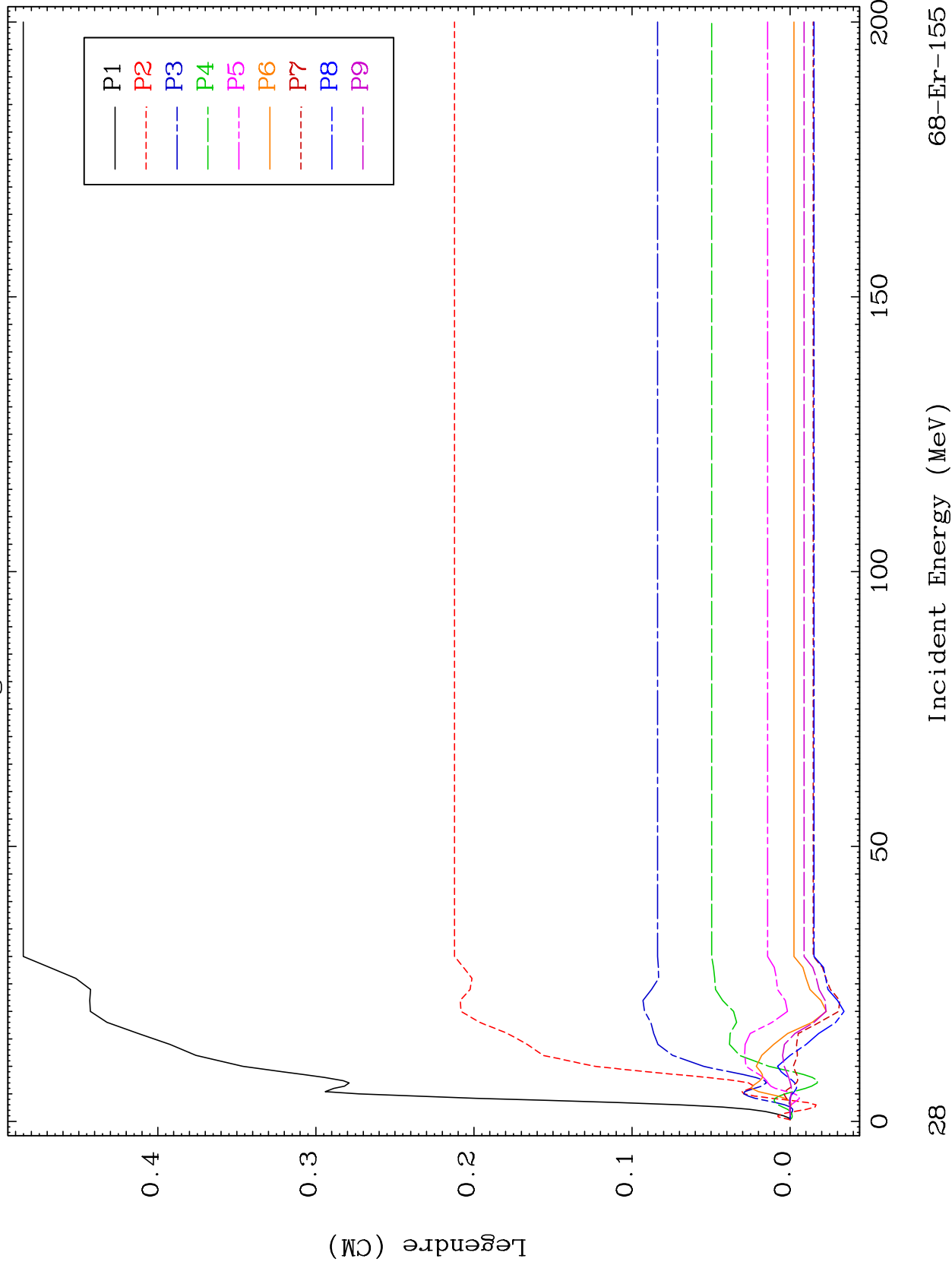




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226.7 keV (n,n') Level
Legendre Coefficients

68-Er-155



68-Er-155

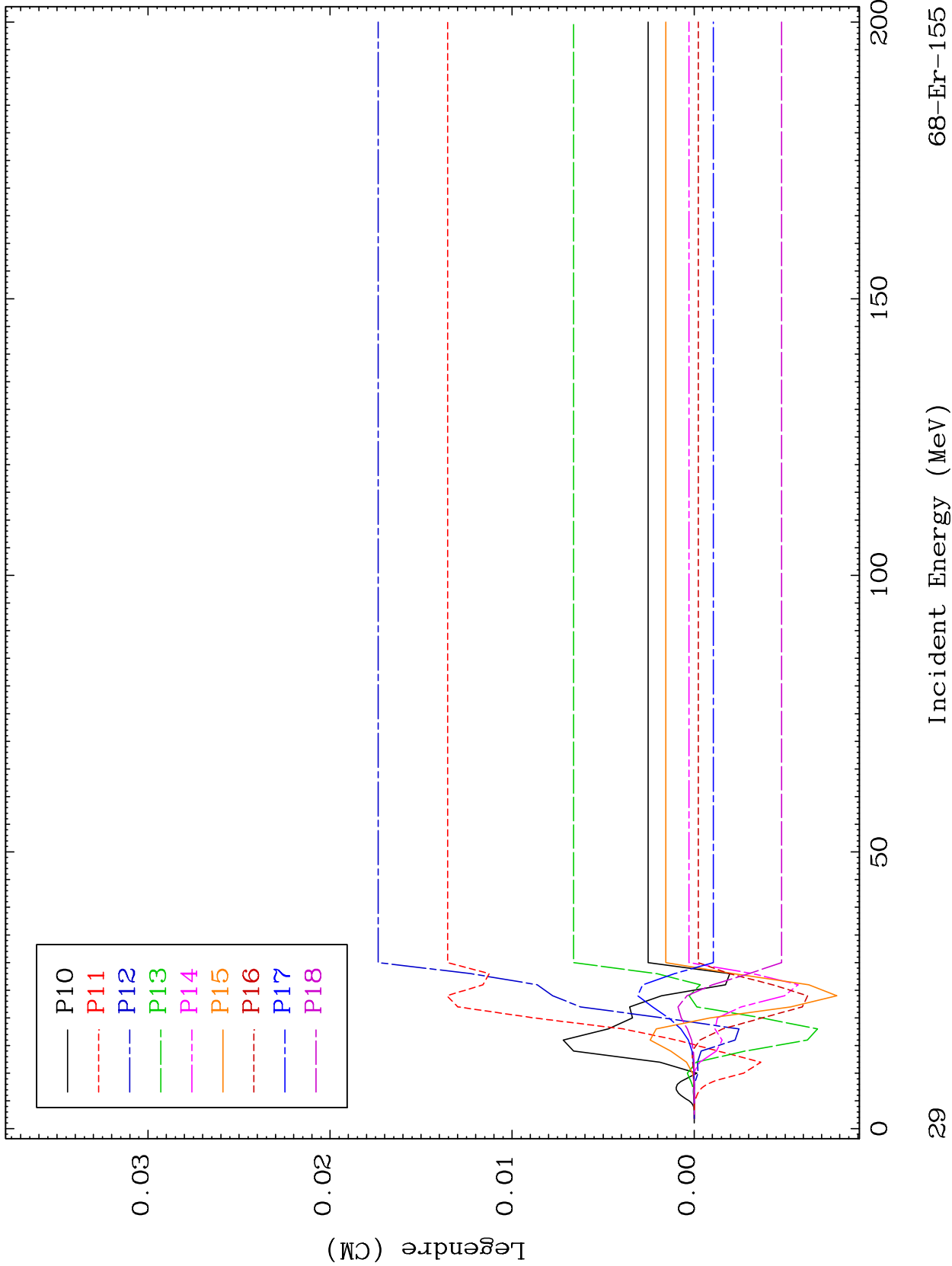
Incident Energy (MeV)

28

MAT 6804

226.7 keV (n, n') Level
Legendre Coefficients

68-Er-155



29

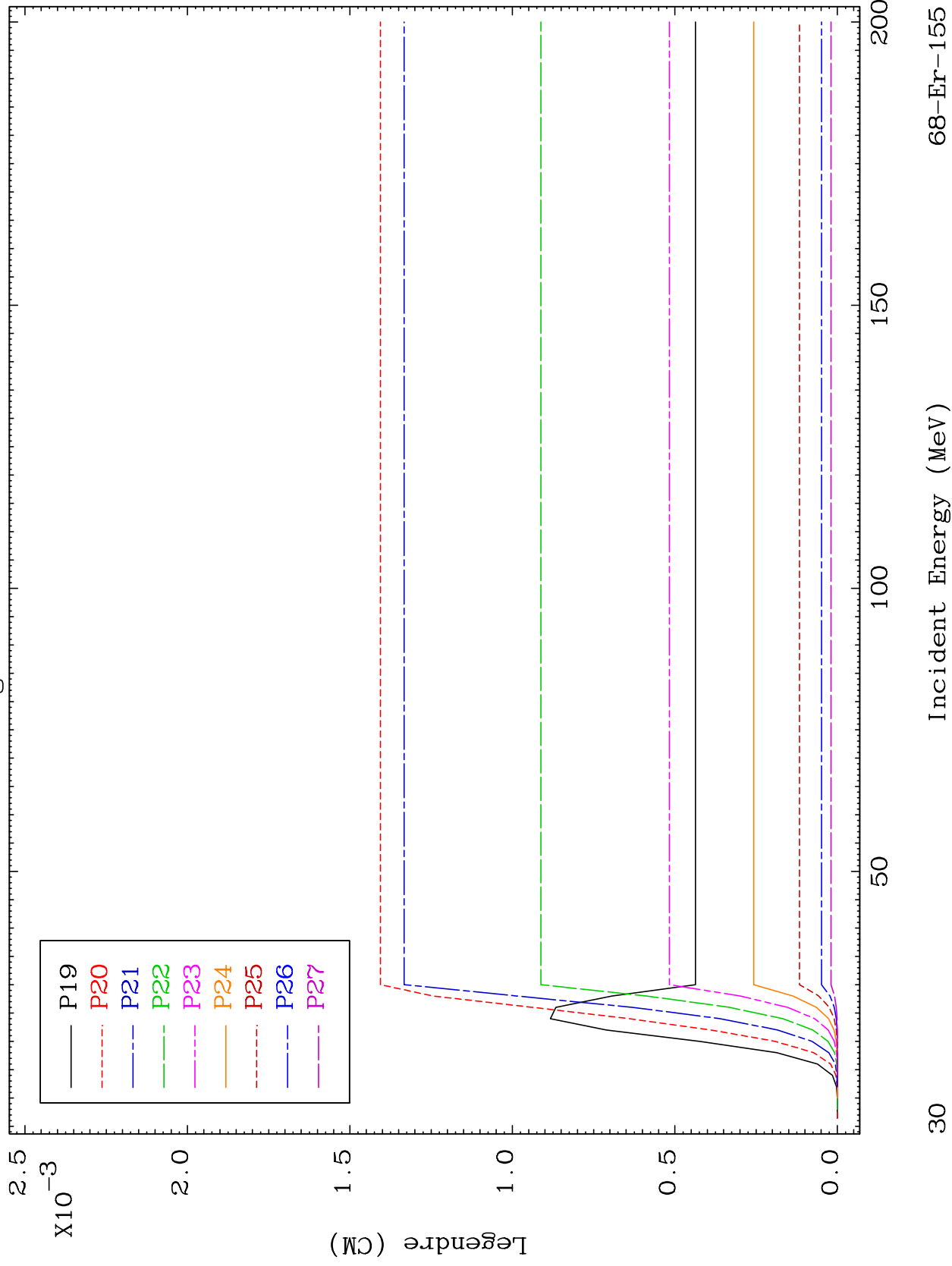
Incident Energy (MeV)

68-Er-155

MAT 6804

226.7 keV (n,n') Level
Legendre Coefficients

68-Er-155



30

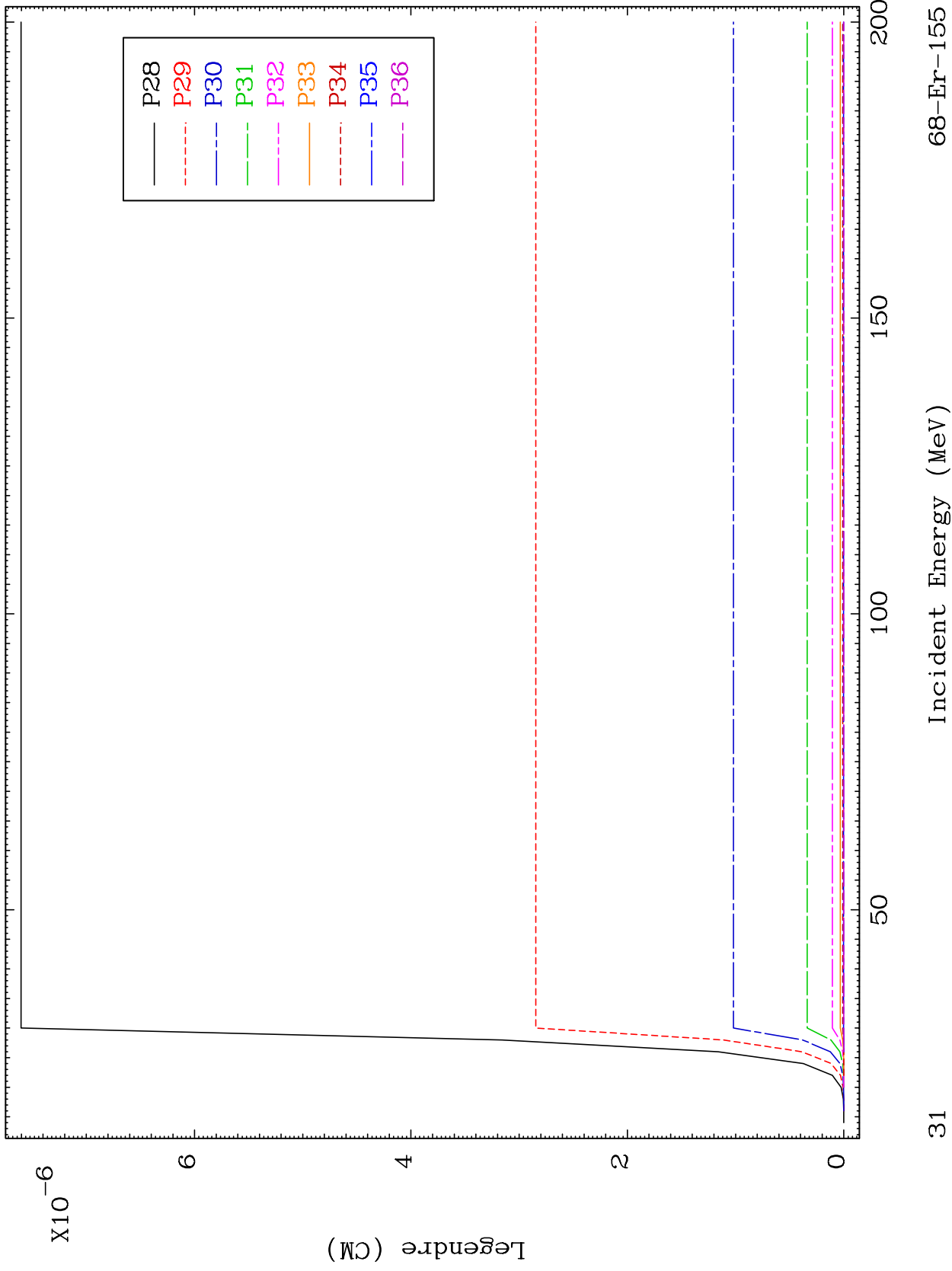
Incident Energy (MeV)

68-Er-155

MAT 6804

226.7 keV (n,n') Level
Legendre Coefficients

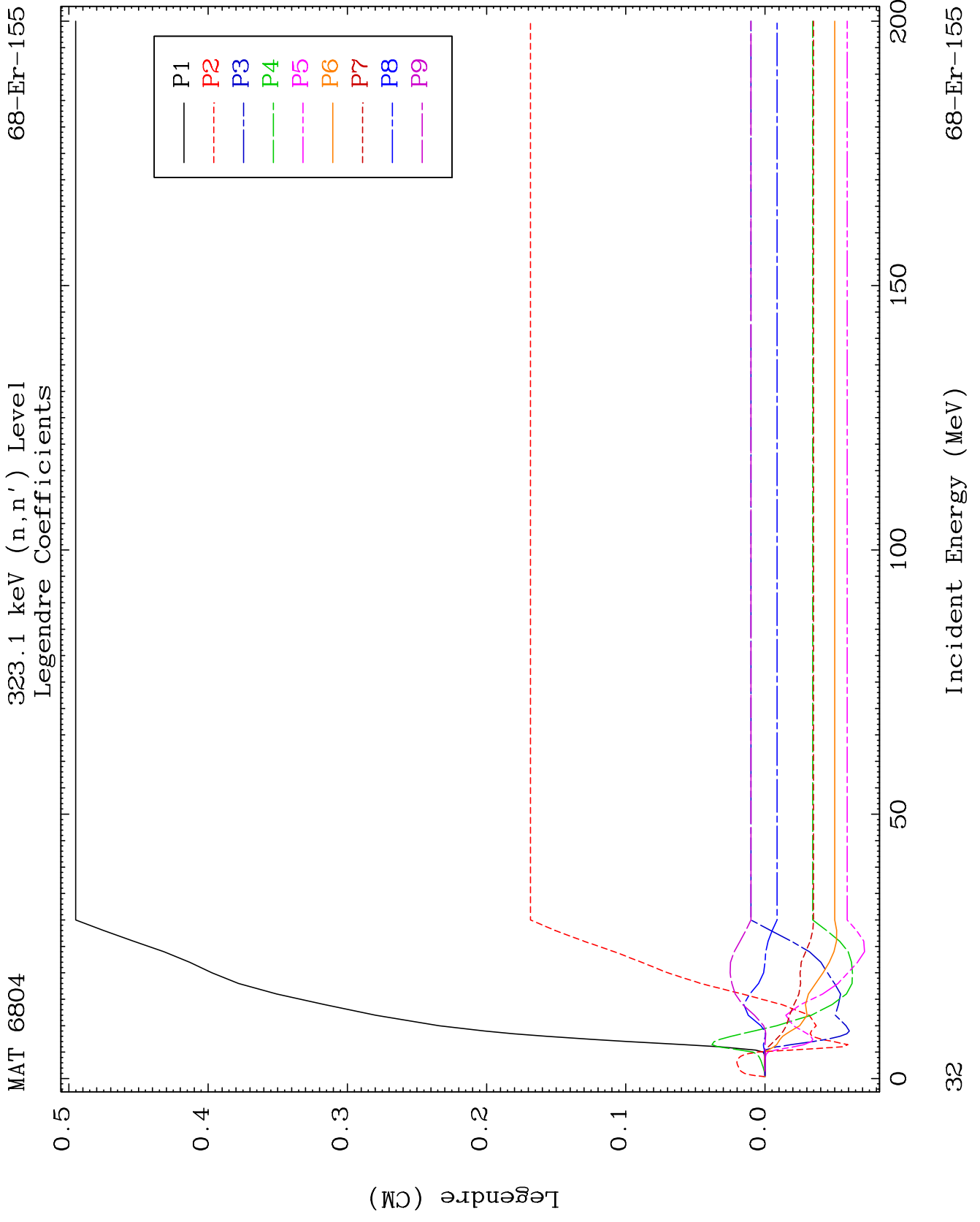
68-Er-155



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Incident Energy (MeV)

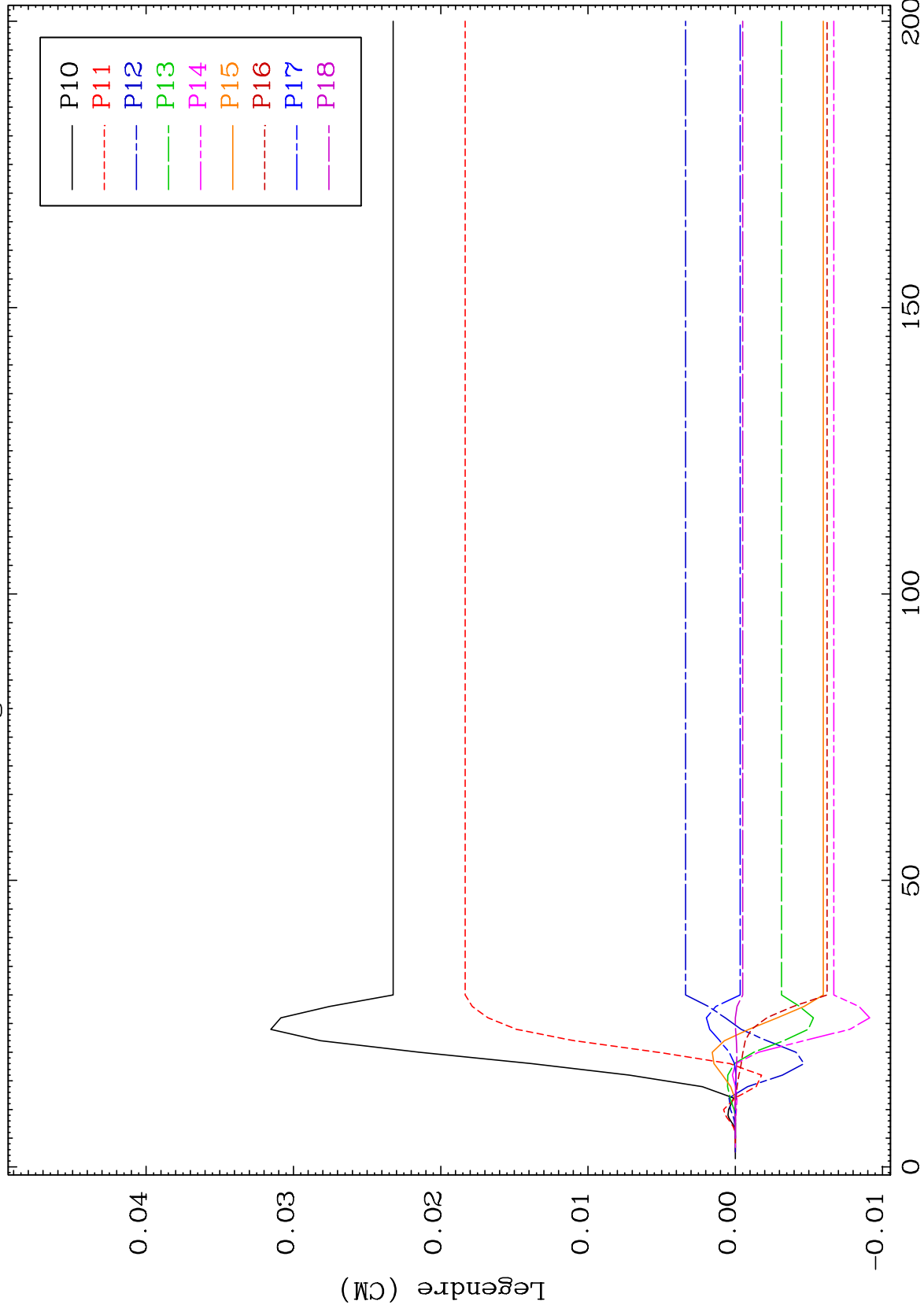
68-Er-155



MAT 6804

323.1 keV (n,n') Level
Legendre Coefficients

68-Er-155



33

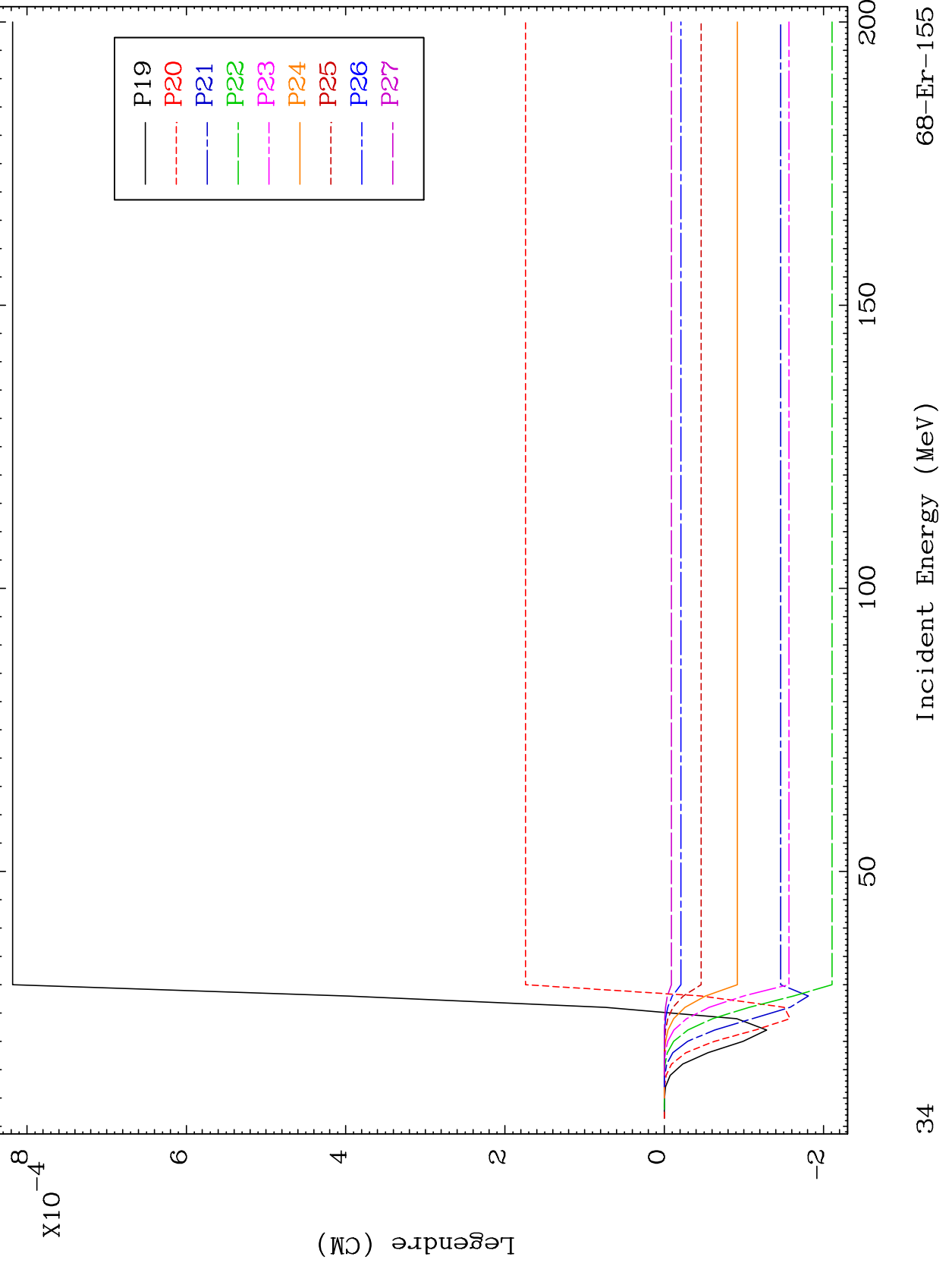
Incident Energy (MeV)

68-Er-155

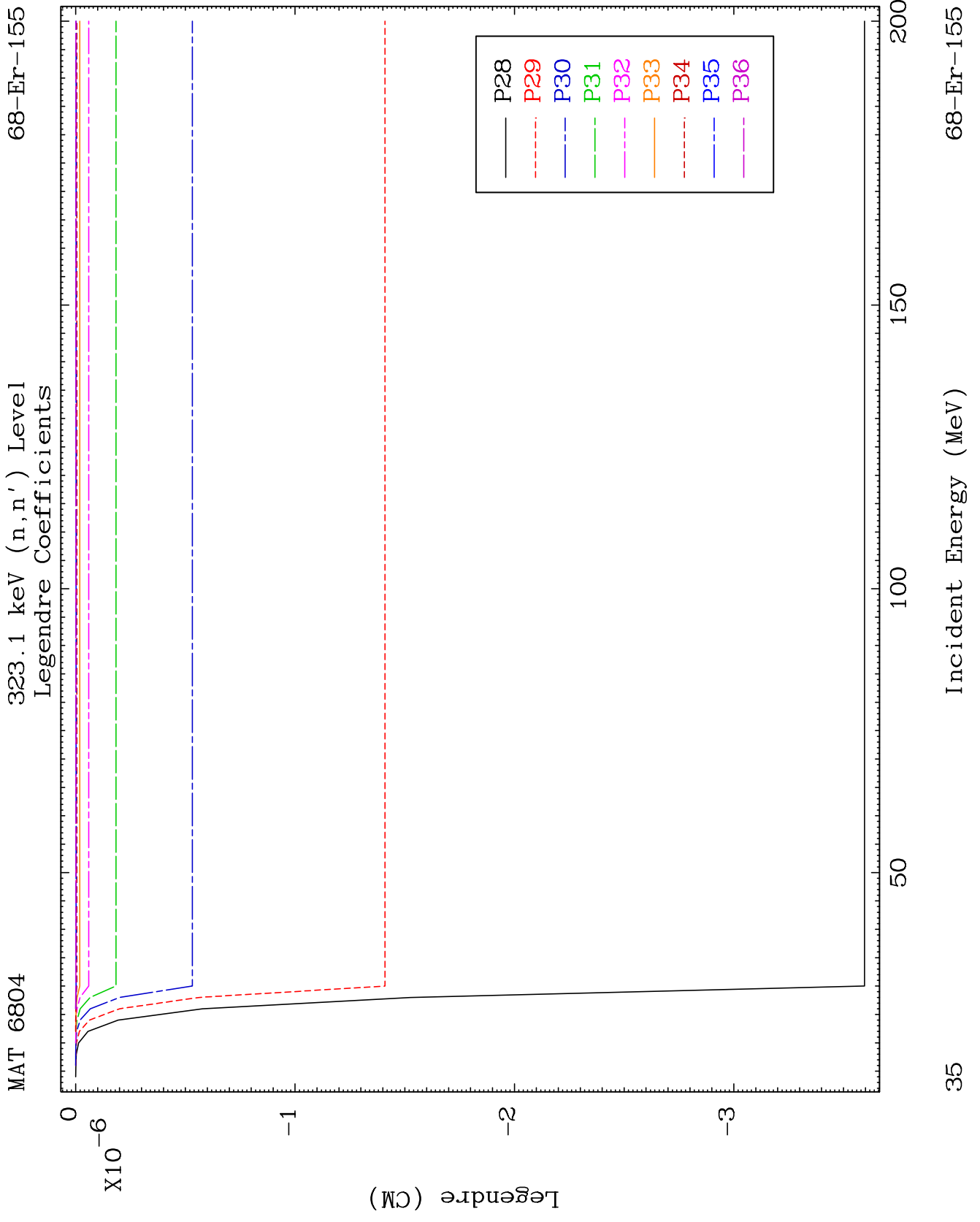
MAT 6804

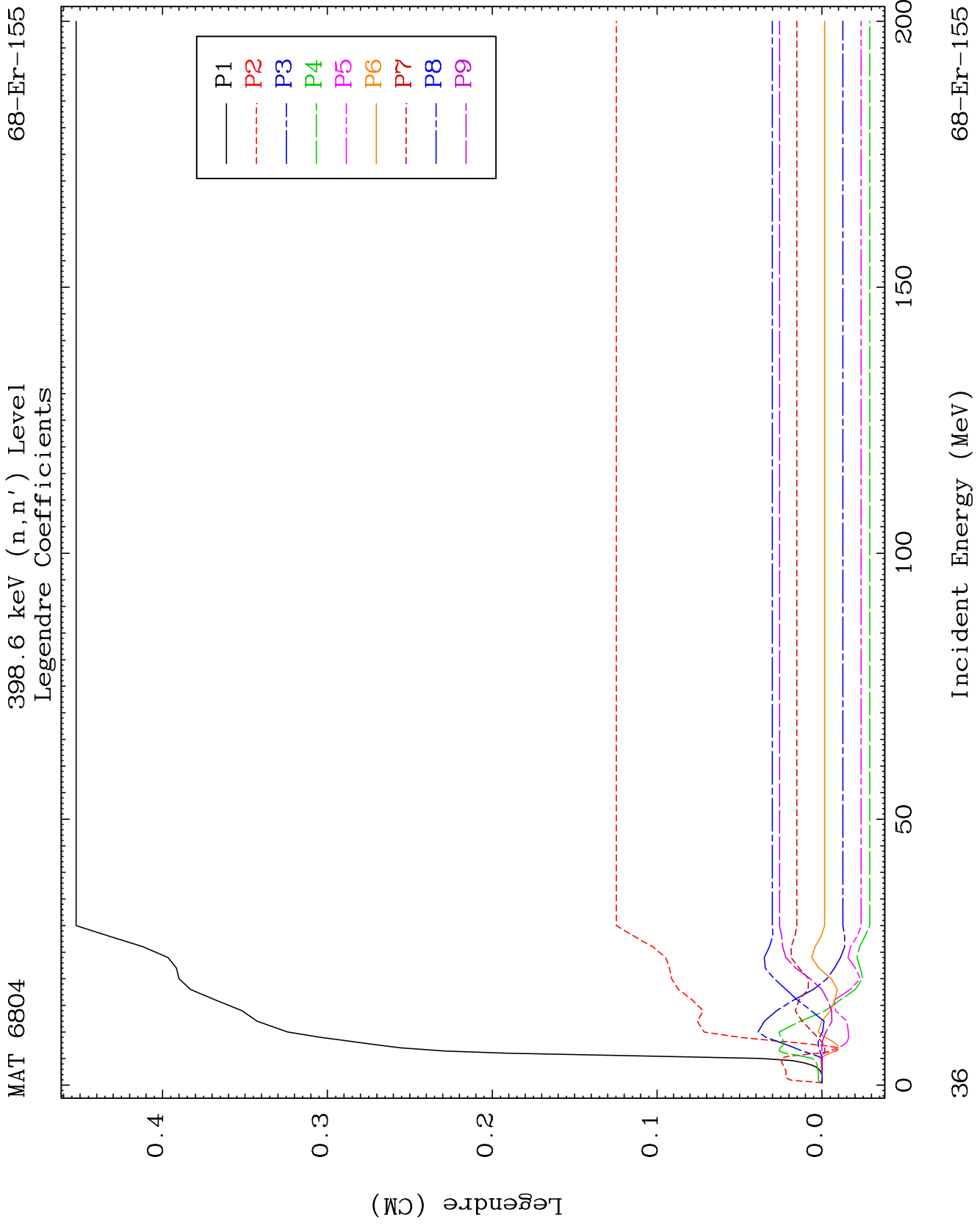
323.1 keV (n,n') Level
Legendre Coefficients

68-Er-155



34

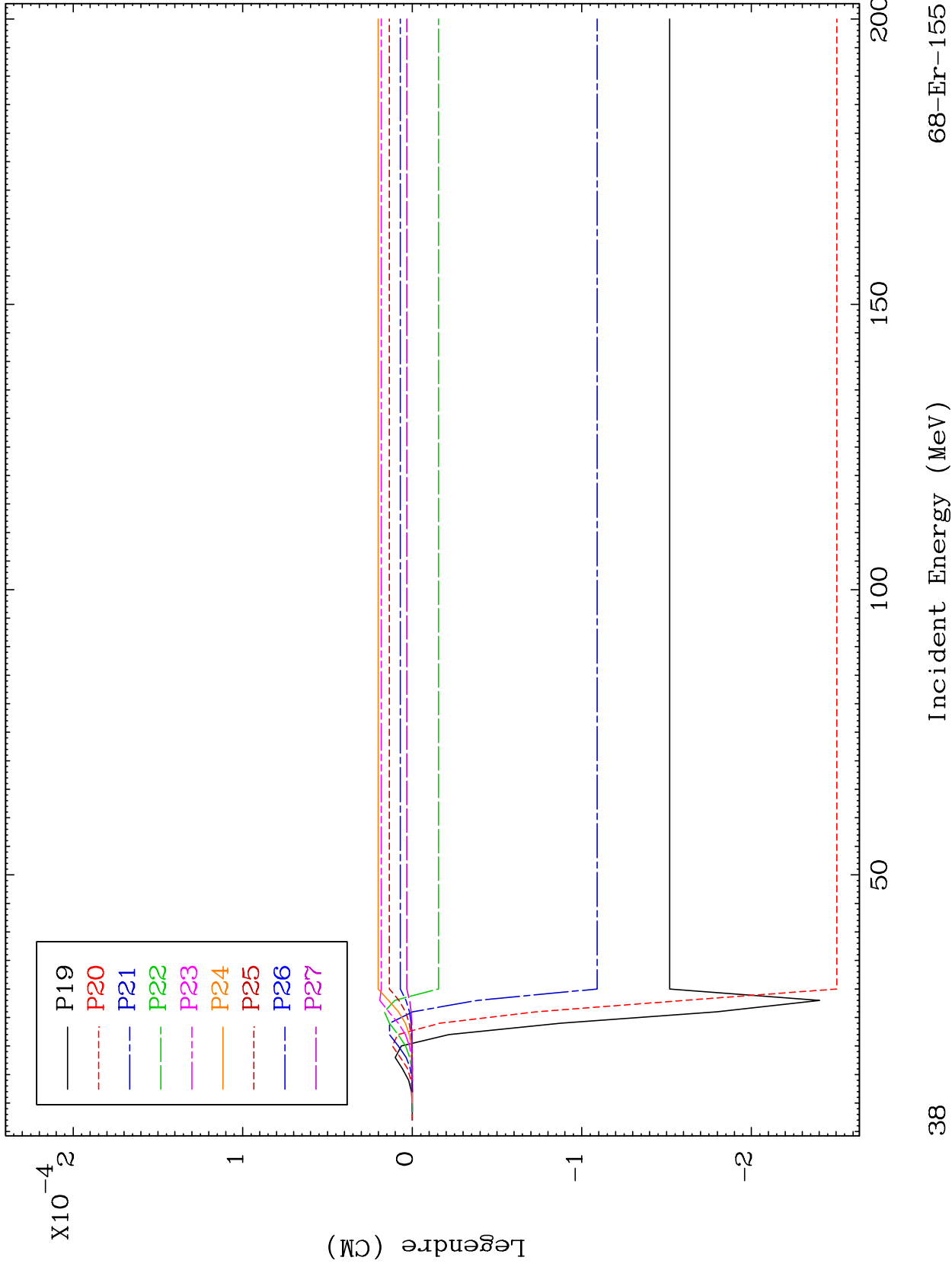




MAT 6804

398.6 keV (n,n') Level
Legendre Coefficients

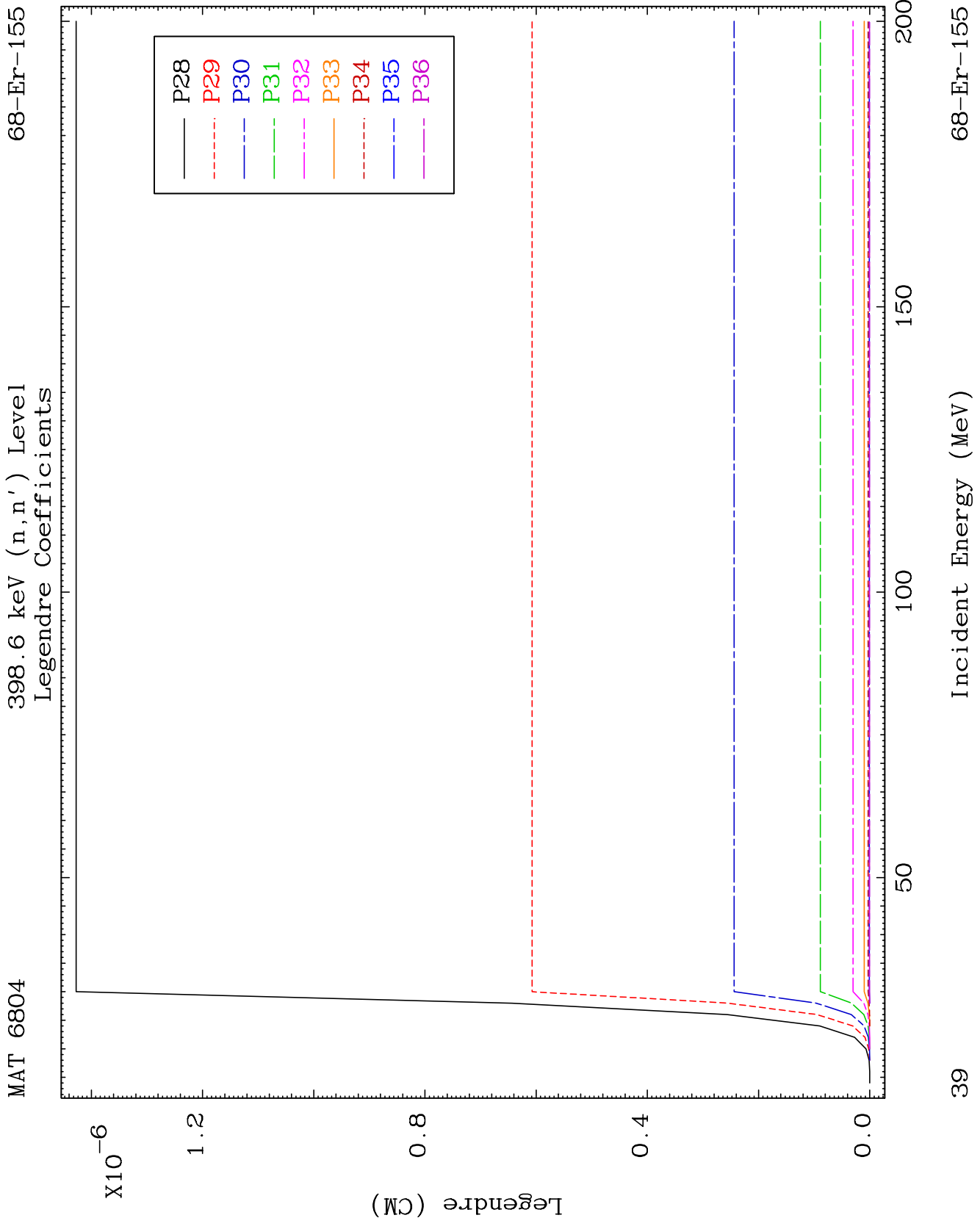
68-Er-155



38

Incident Energy (MeV)

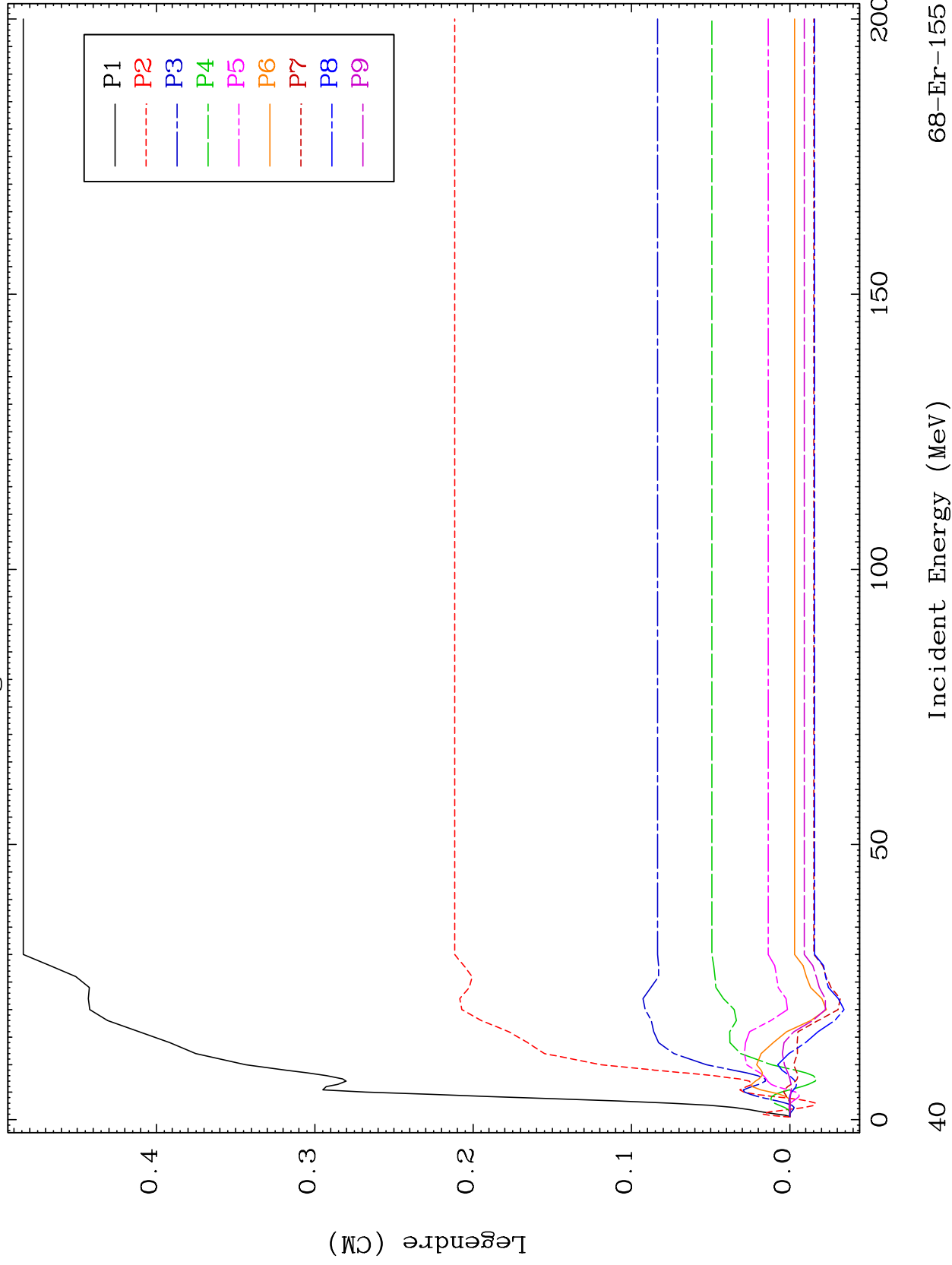
68-Er-155



MAT 6804

467.0 keV (n,n') Level
Legendre Coefficients

68-Er-155



68-Er-155

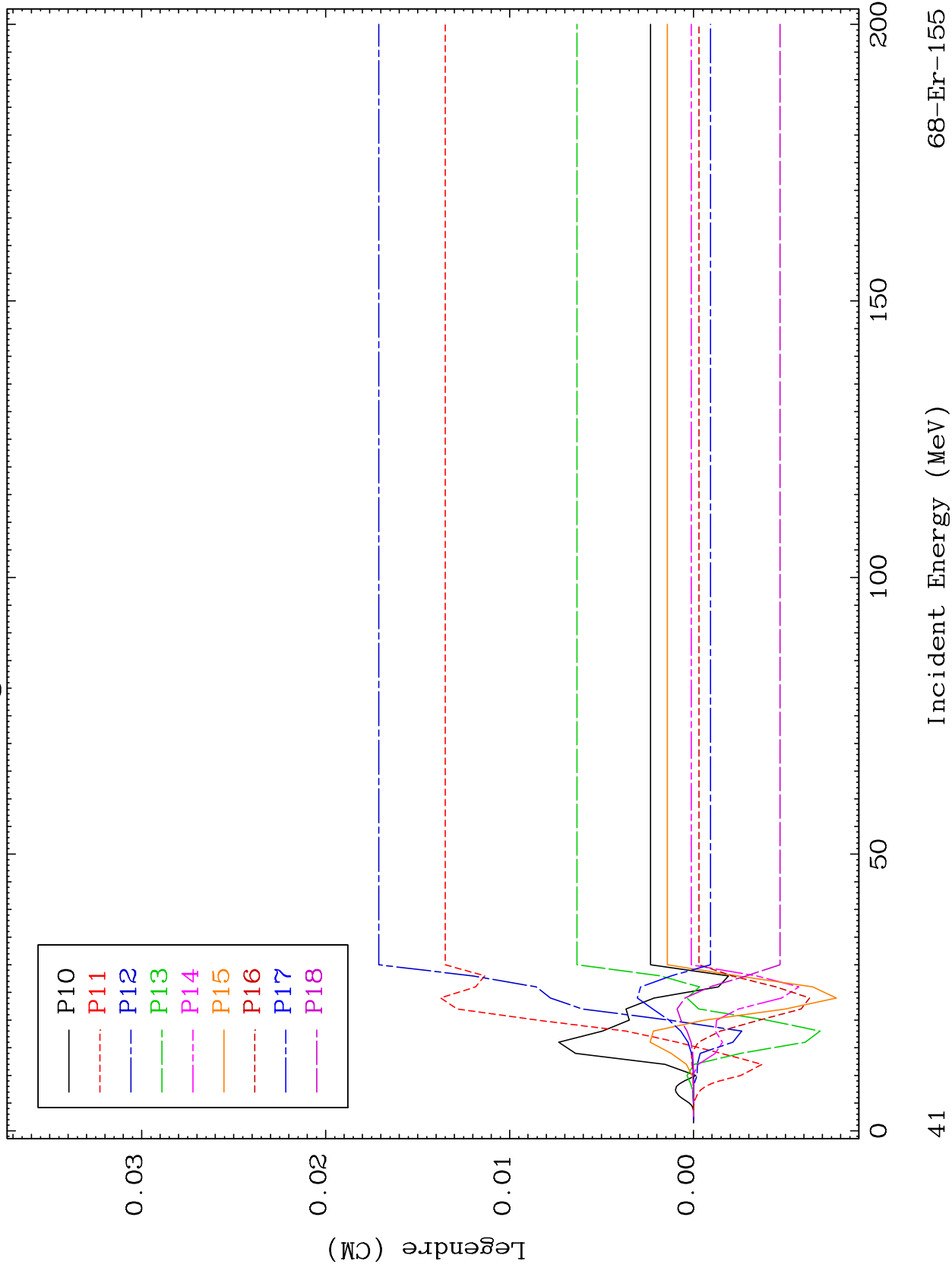
Incident Energy (MeV)

40

MAT 6804

467.0 keV (n,n') Level
Legendre Coefficients

68-Er-155



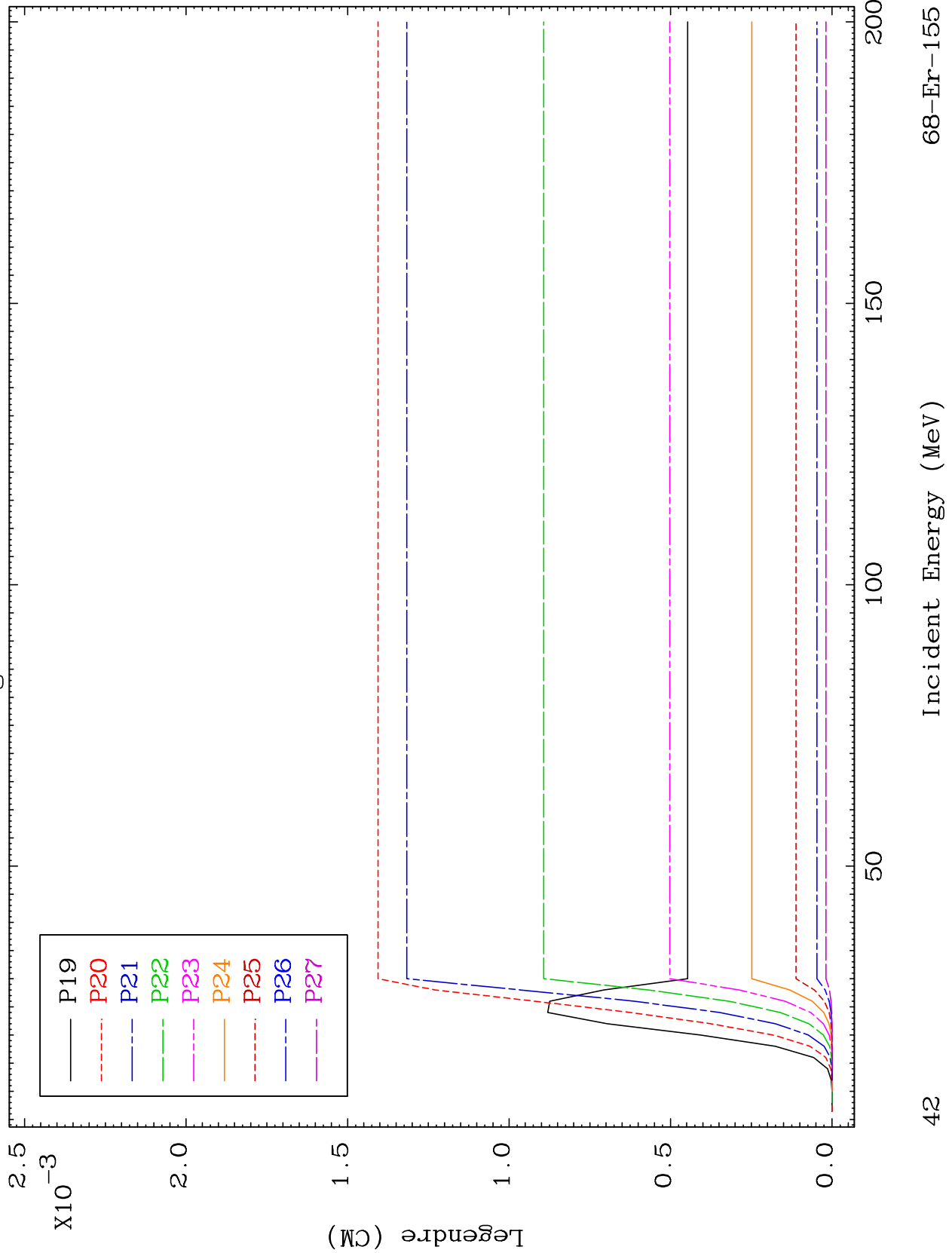
41

68-Er-155

MAT 6804

467.0 keV (n,n') Level
Legendre Coefficients

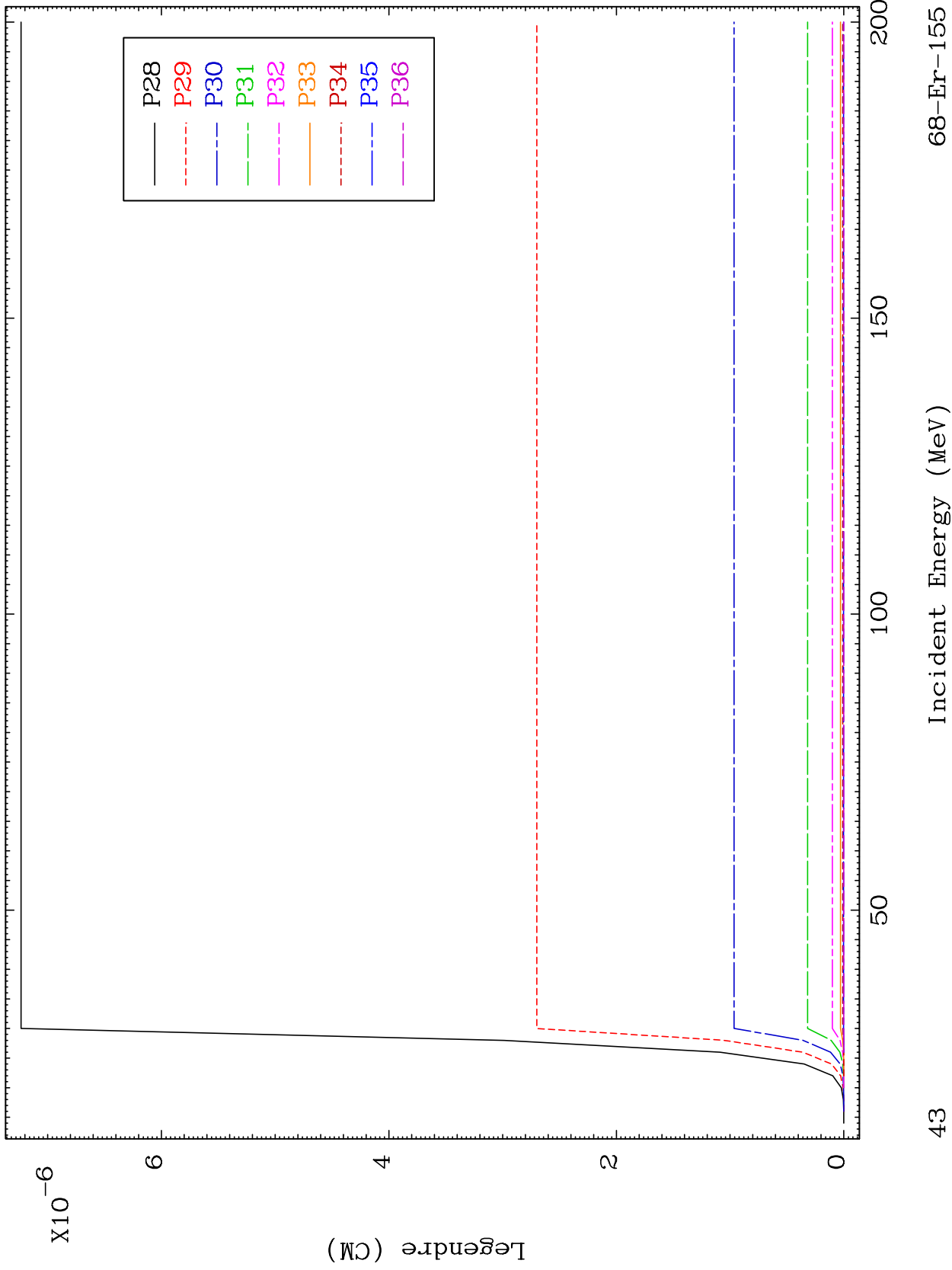
68-Er-155

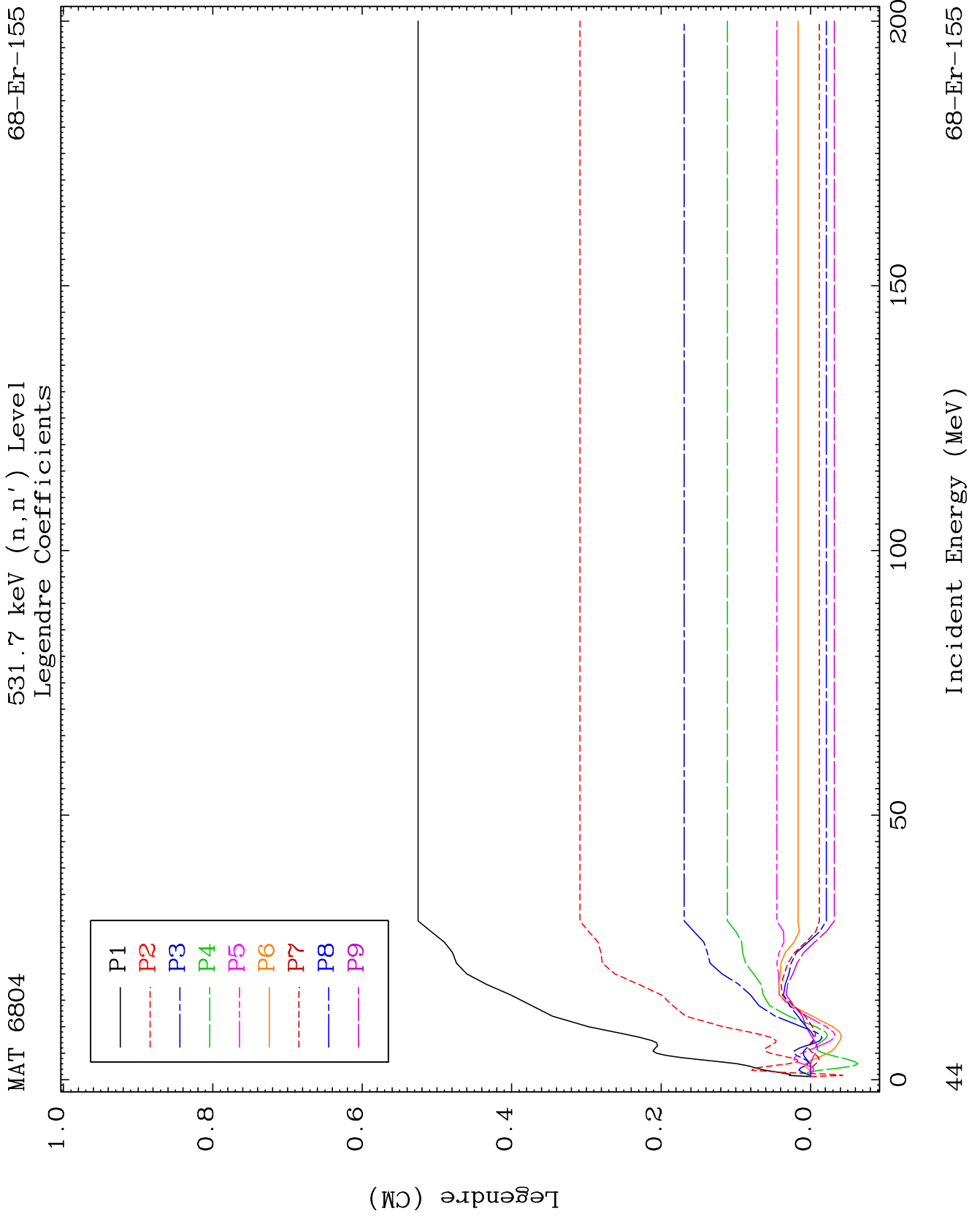


MAT 6804

467.0 keV (n,n') Level
Legendre Coefficients

68-Er-155

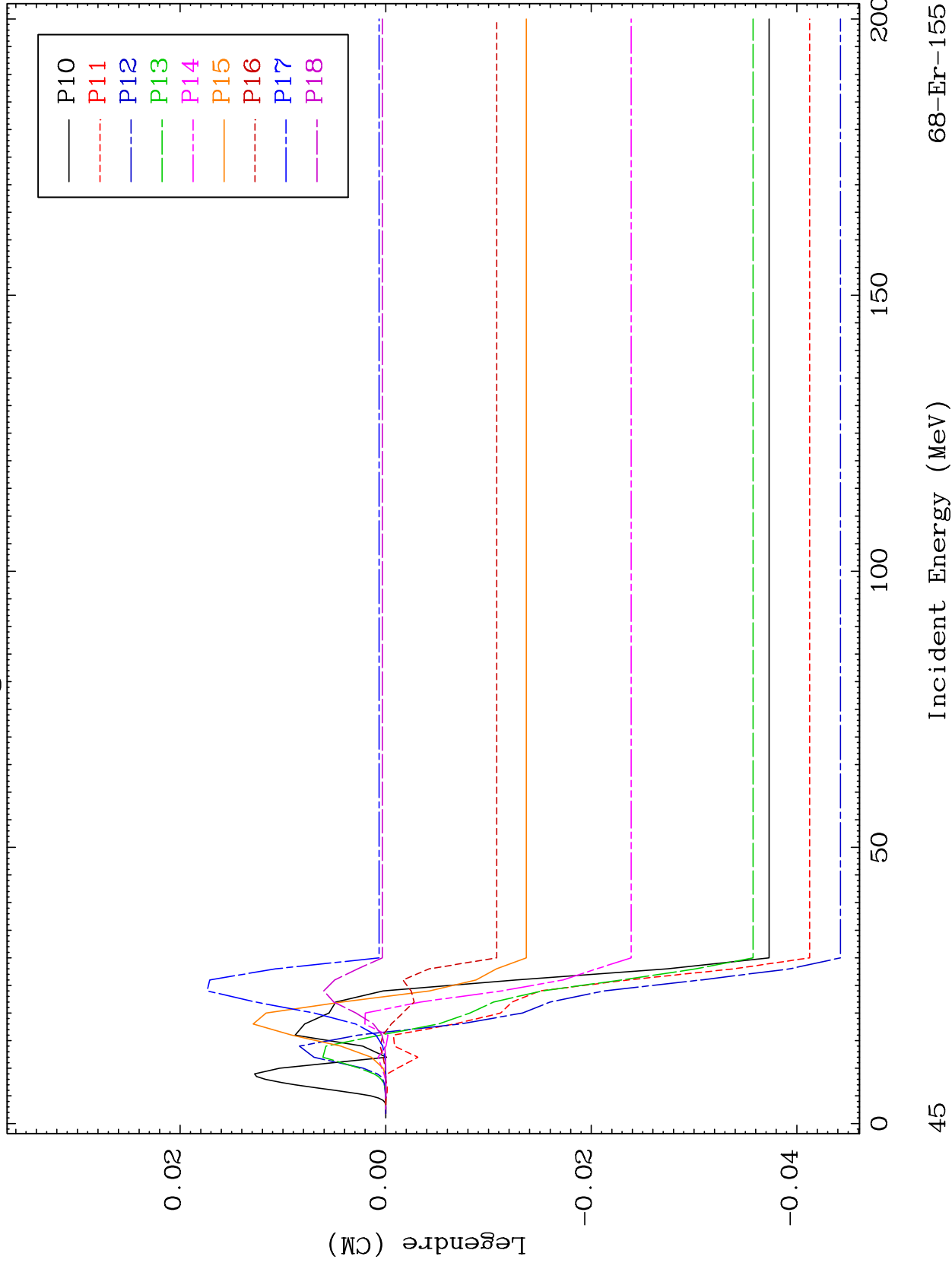




MAT 6804

531.7 keV (n,n') Level
Legendre Coefficients

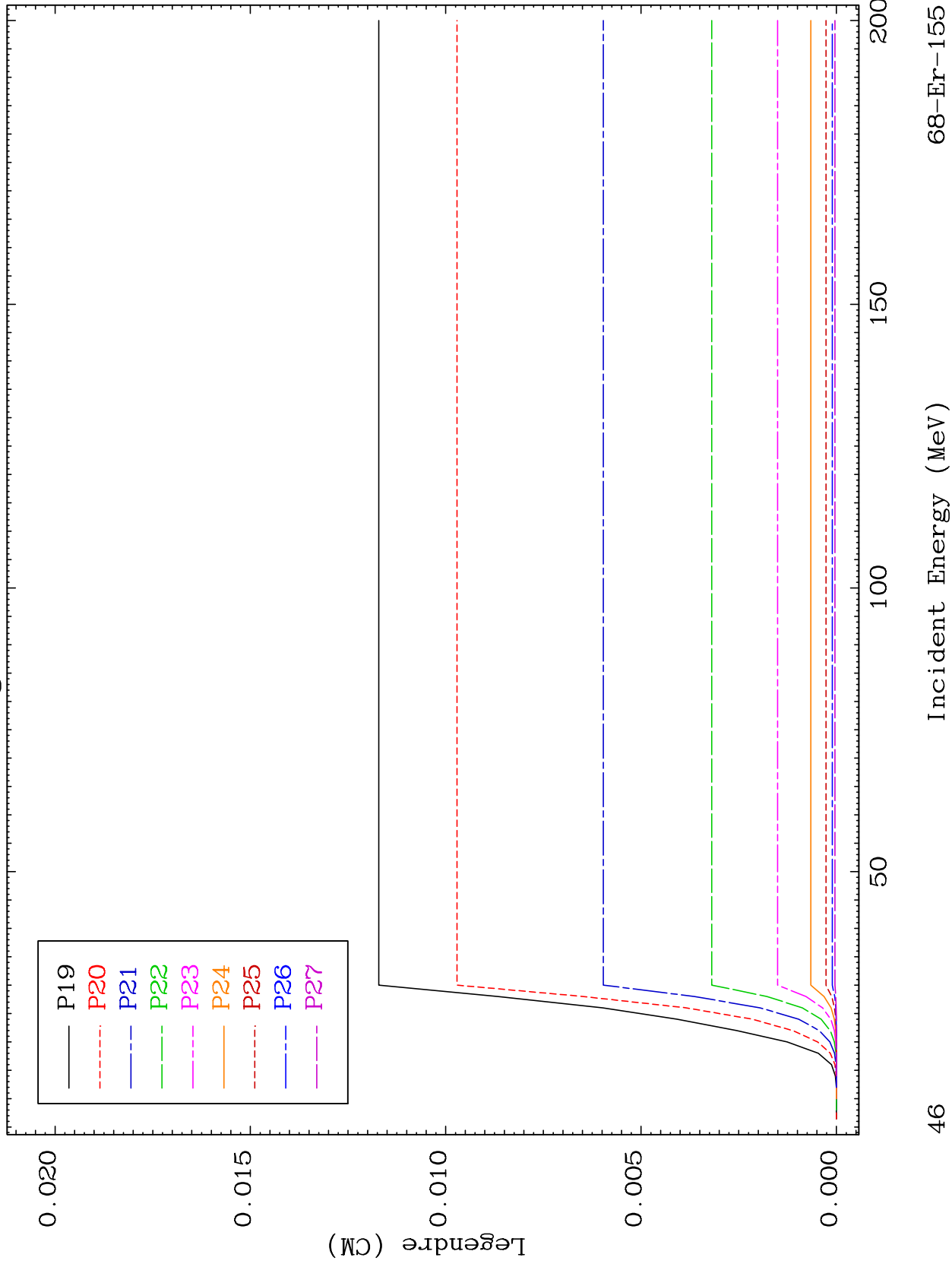
68-Er-155



MAT 6804

531.7 keV (n,n') Level
Legendre Coefficients

68-Er-155



46

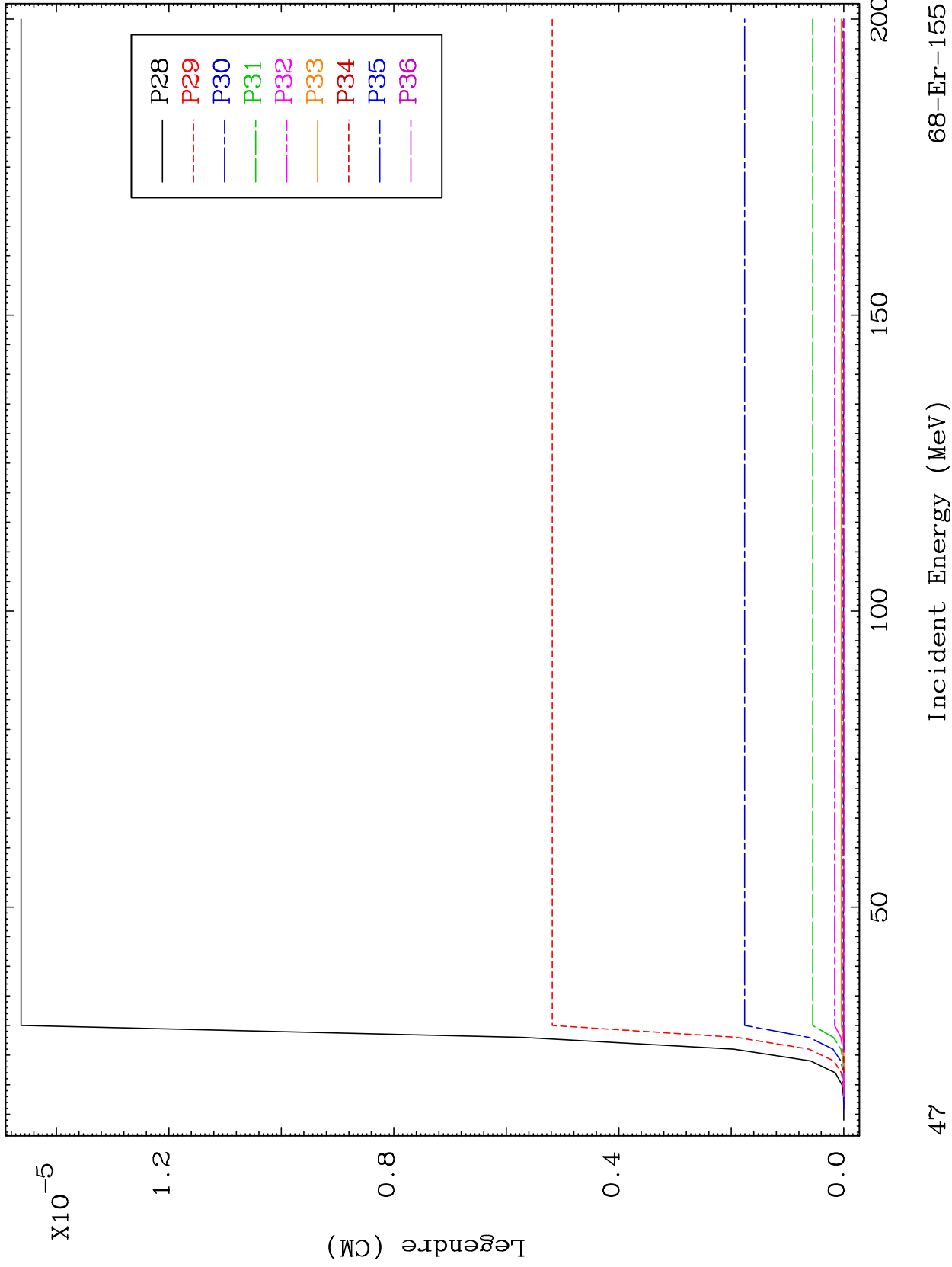
Incident Energy (MeV)

68-Er-155

MAT 6804

531.7 keV (n,n') Level
Legendre Coefficients

68-Er-155



47

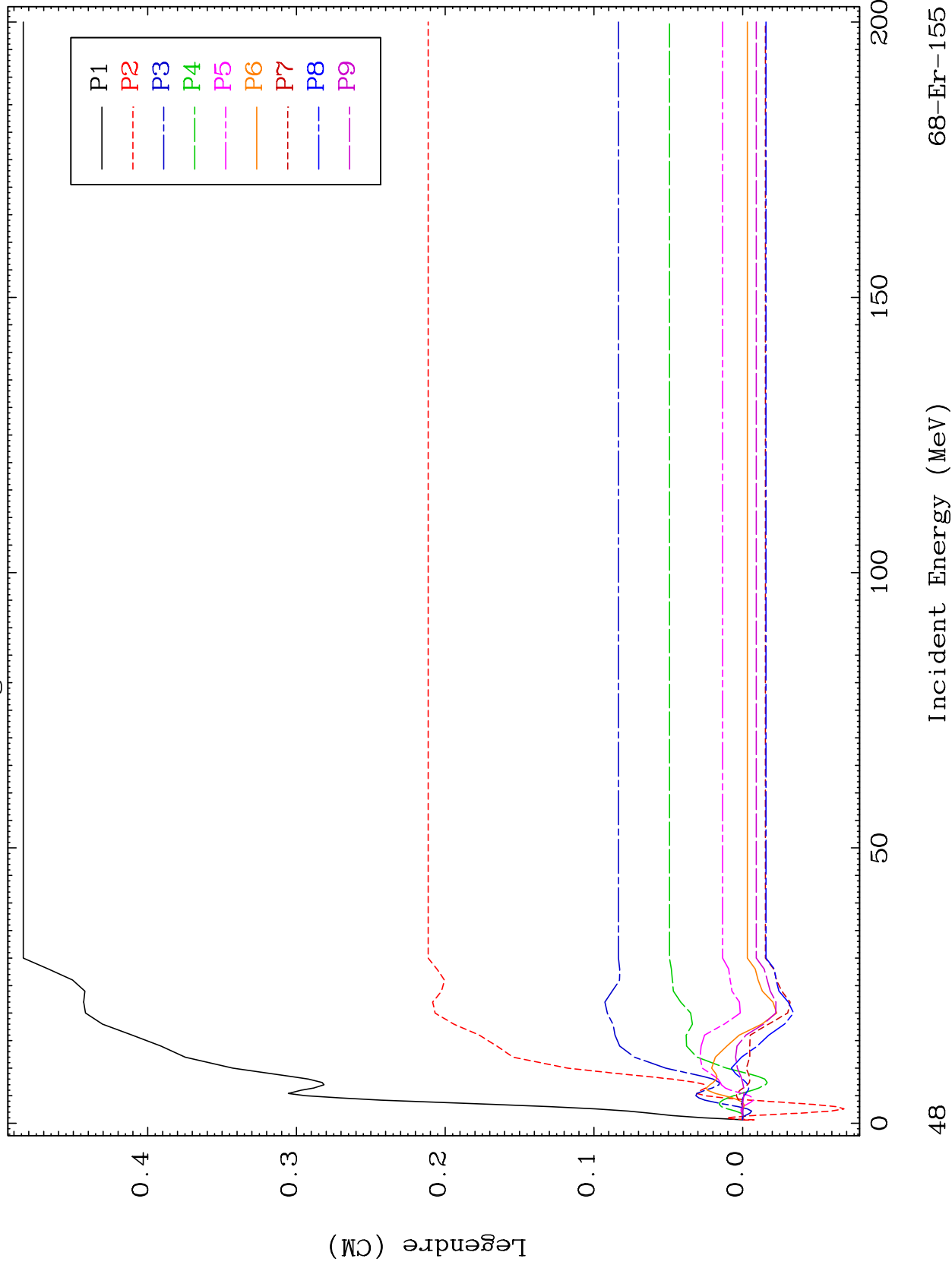
Incident Energy (MeV)

68-Er-155

MAT 6804

563.2 keV (n,n') Level
Legendre Coefficients

68-Er-155



68-Er-155

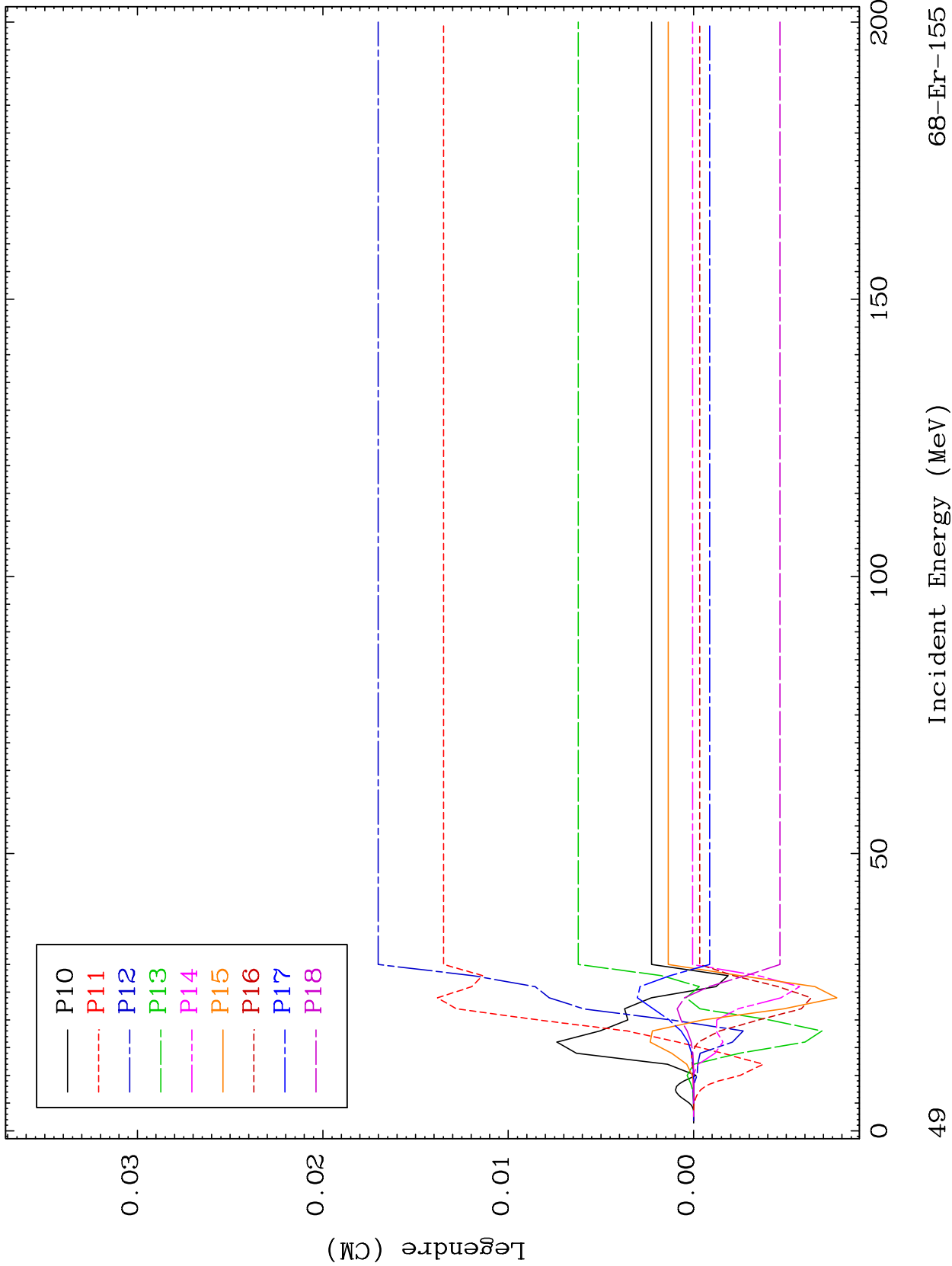
Incident Energy (MeV)

48

MAT 6804

563.2 keV (n,n') Level
Legendre Coefficients

68-Er-155



49

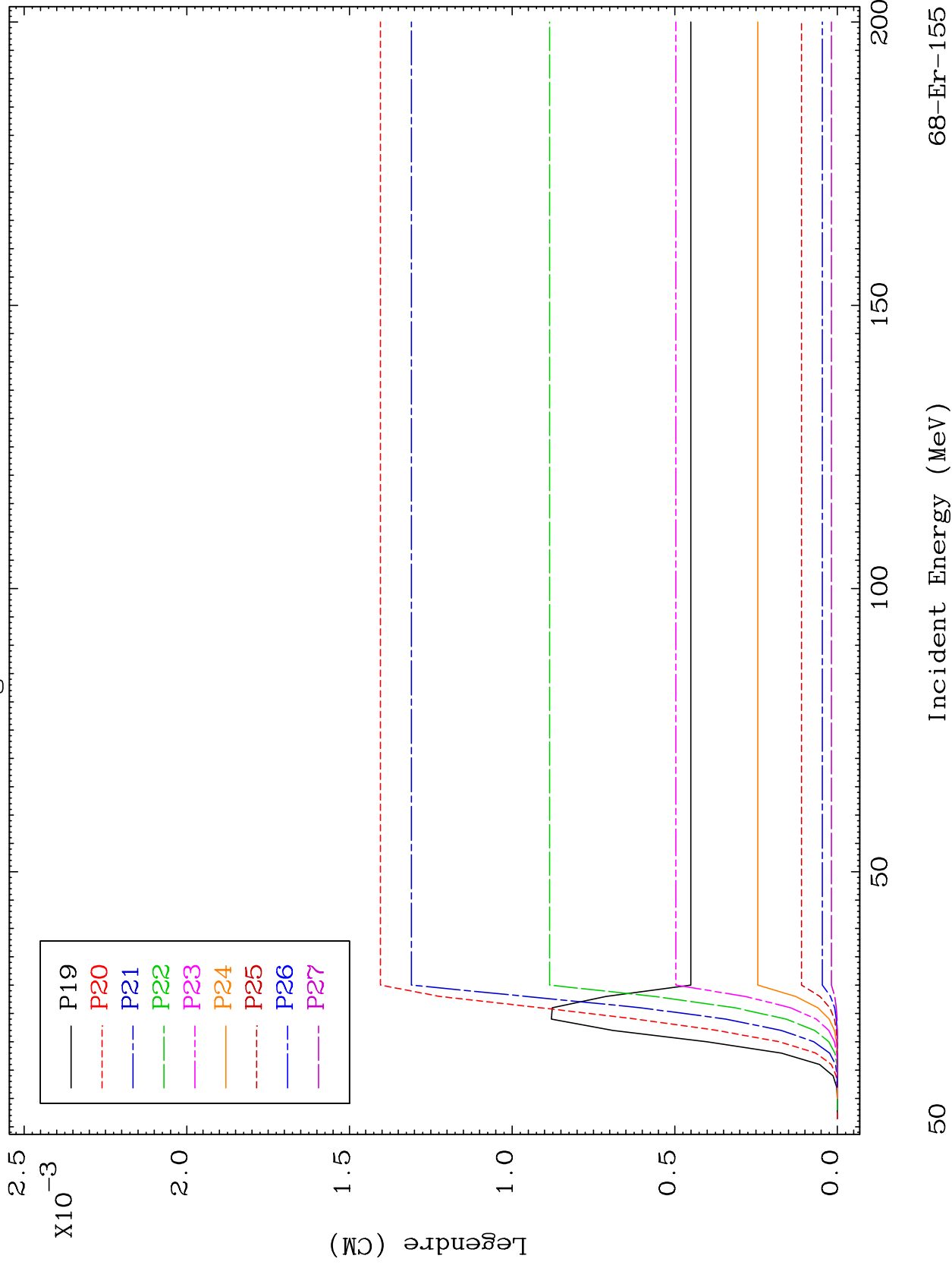
Incident Energy (MeV)

68-Er-155

MAT 6804

563.2 keV (n,n') Level
Legendre Coefficients

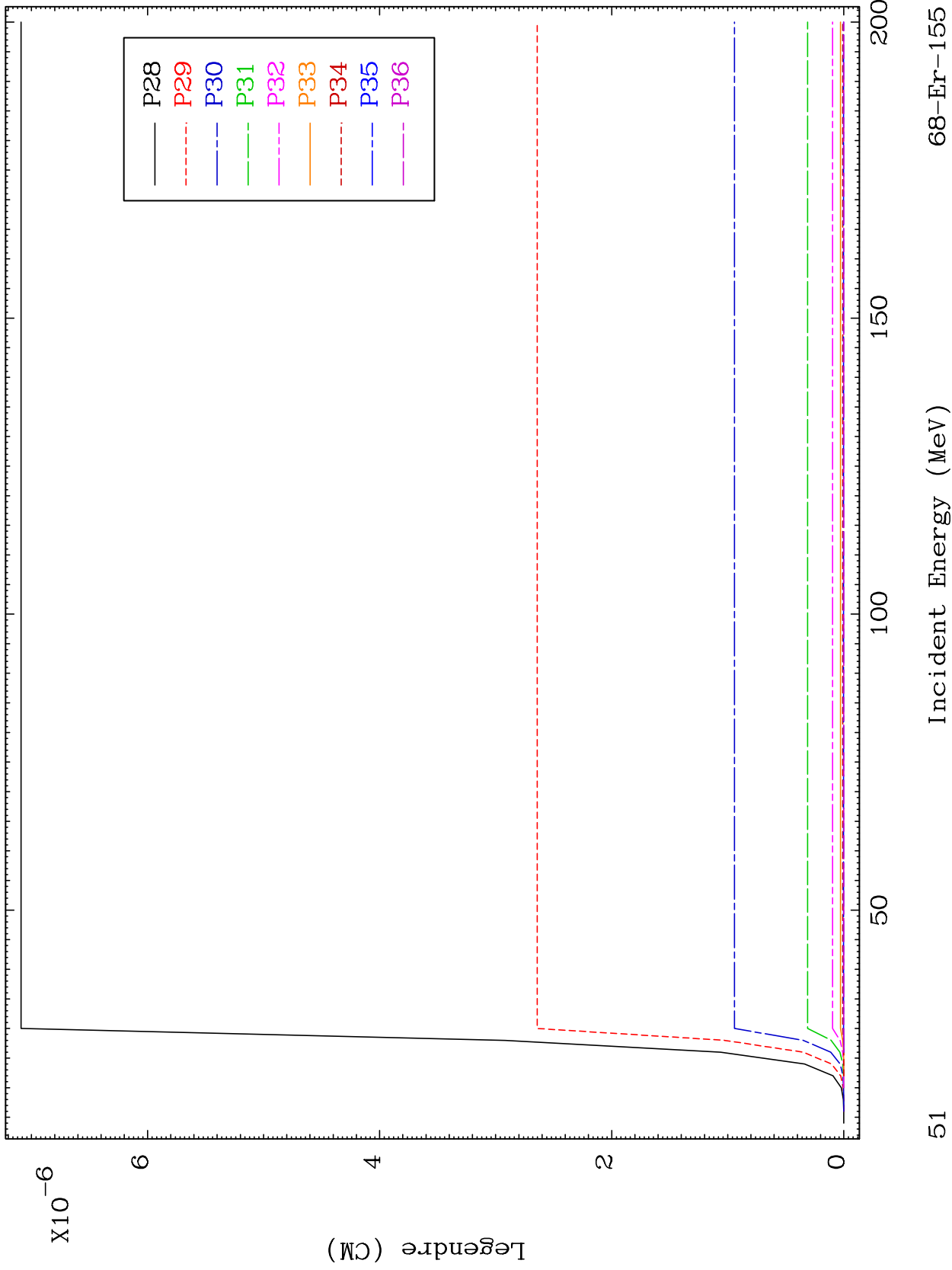
68-Er-155



MAT 6804

563.2 keV (n,n') Level
Legendre Coefficients

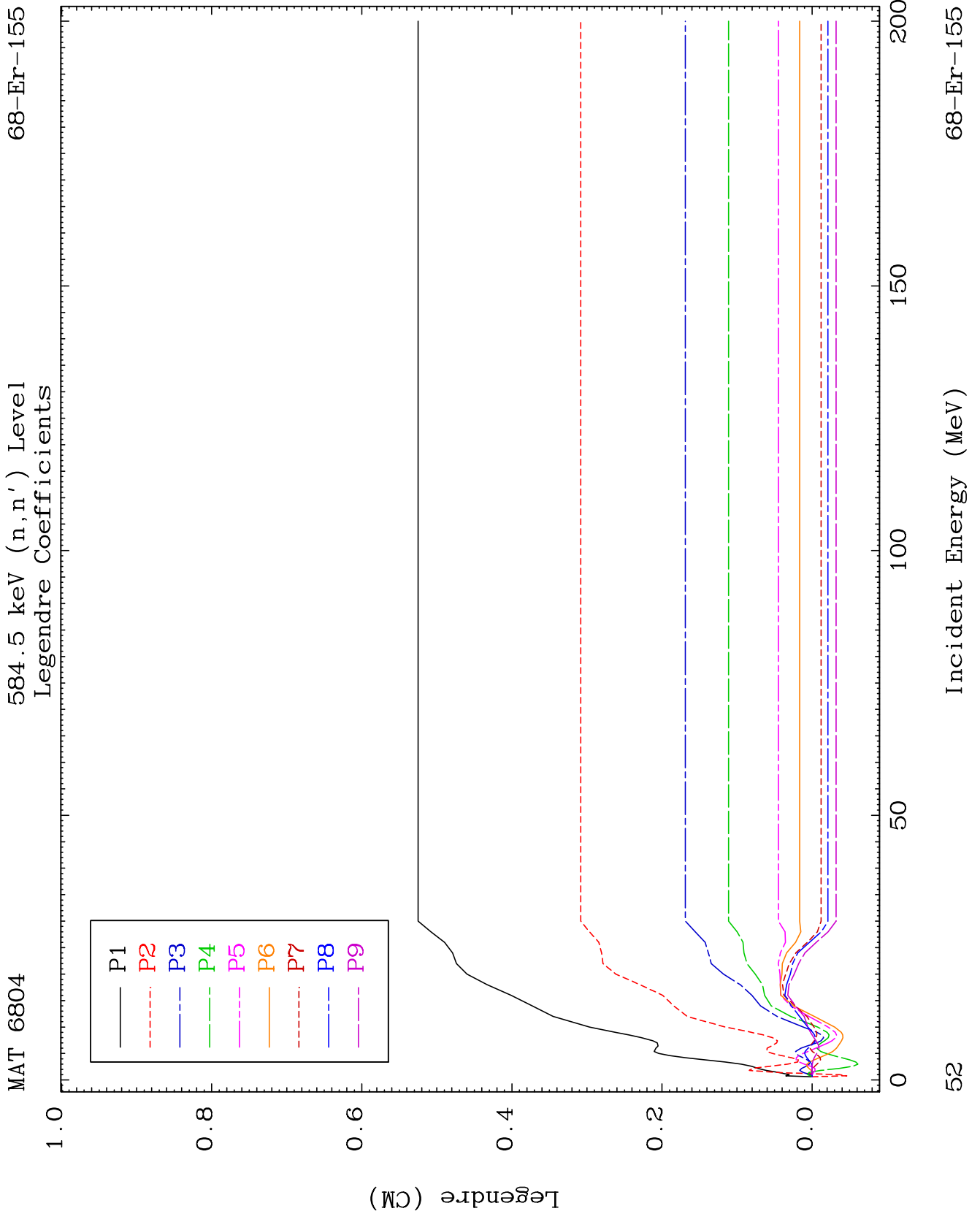
68-Er-155



51

Incident Energy (MeV)

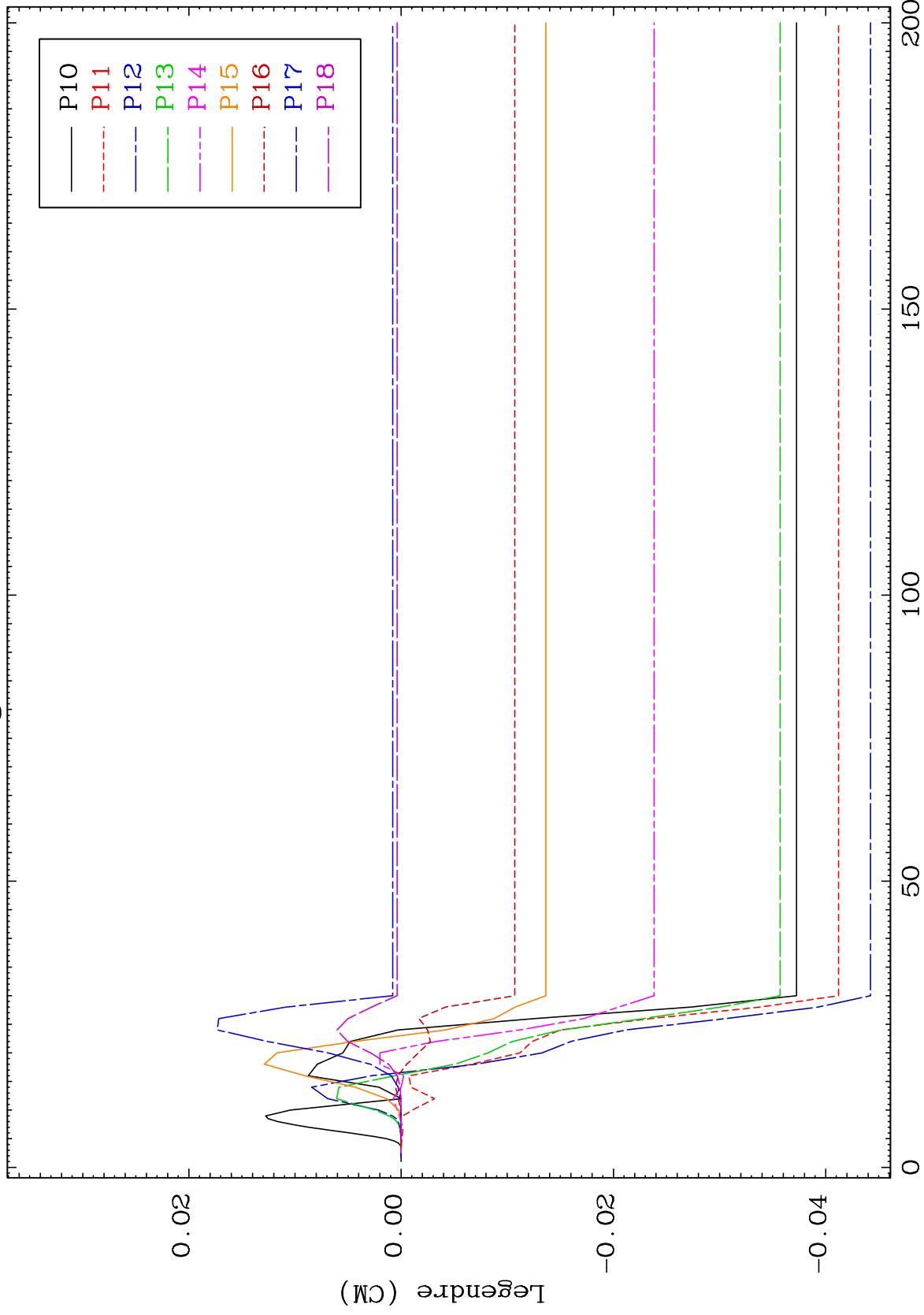
68-Er-155



MAT 6804

584.5 keV (n,n') Level
Legendre Coefficients

68-Er-155



53

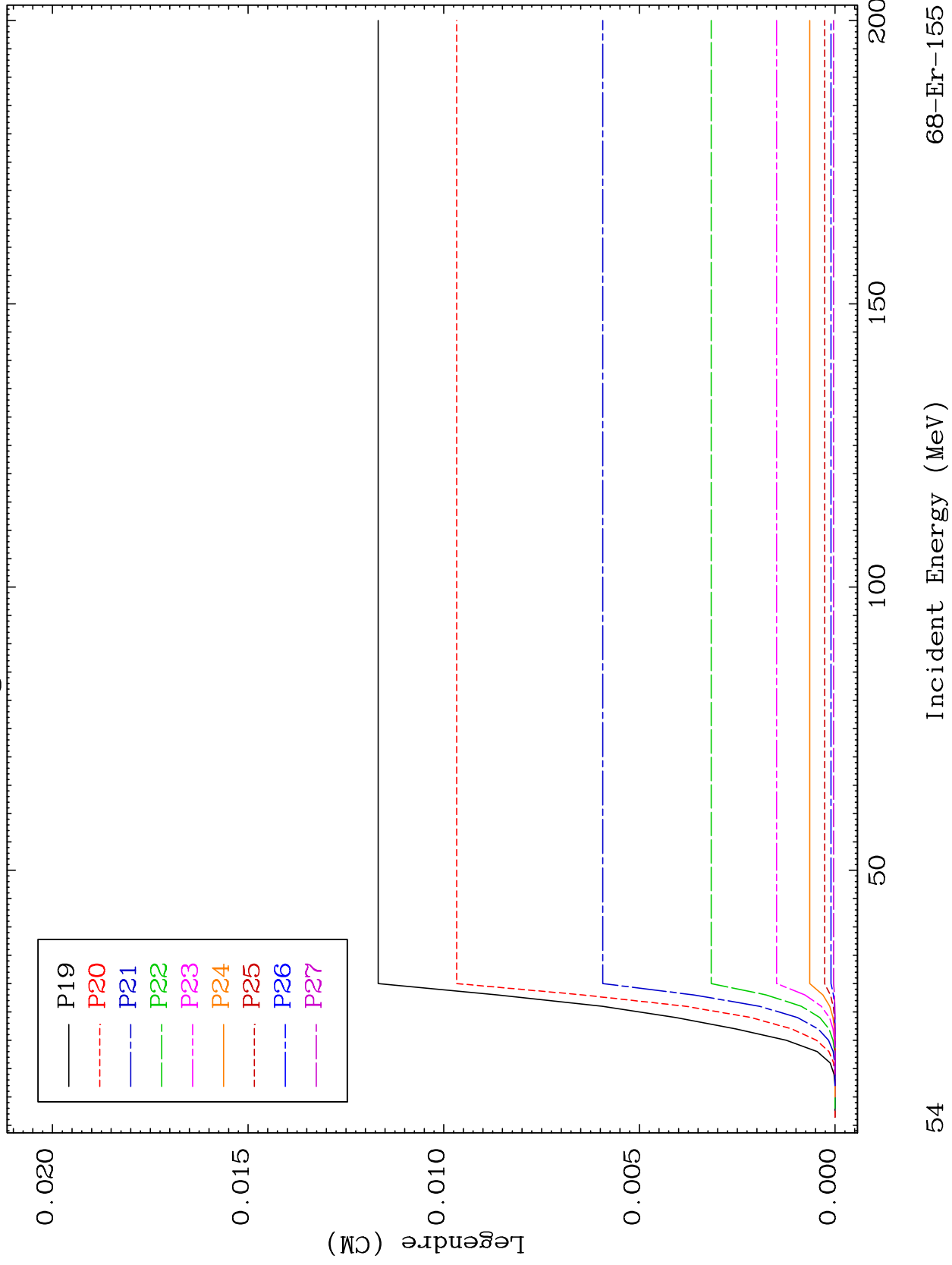
Incident Energy (MeV)

68-Er-155

MAT 6804

584.5 keV (n,n') Level
Legendre Coefficients

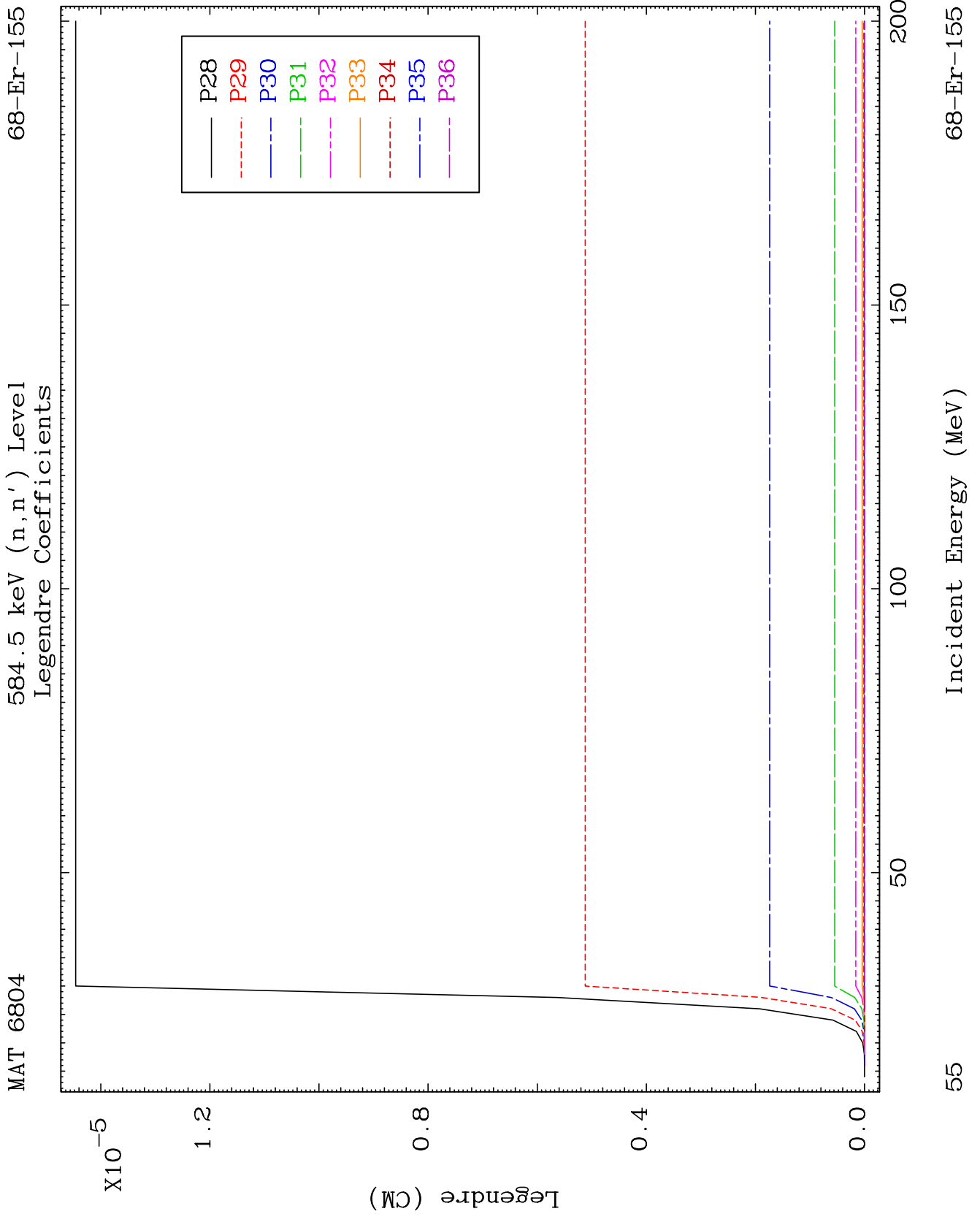
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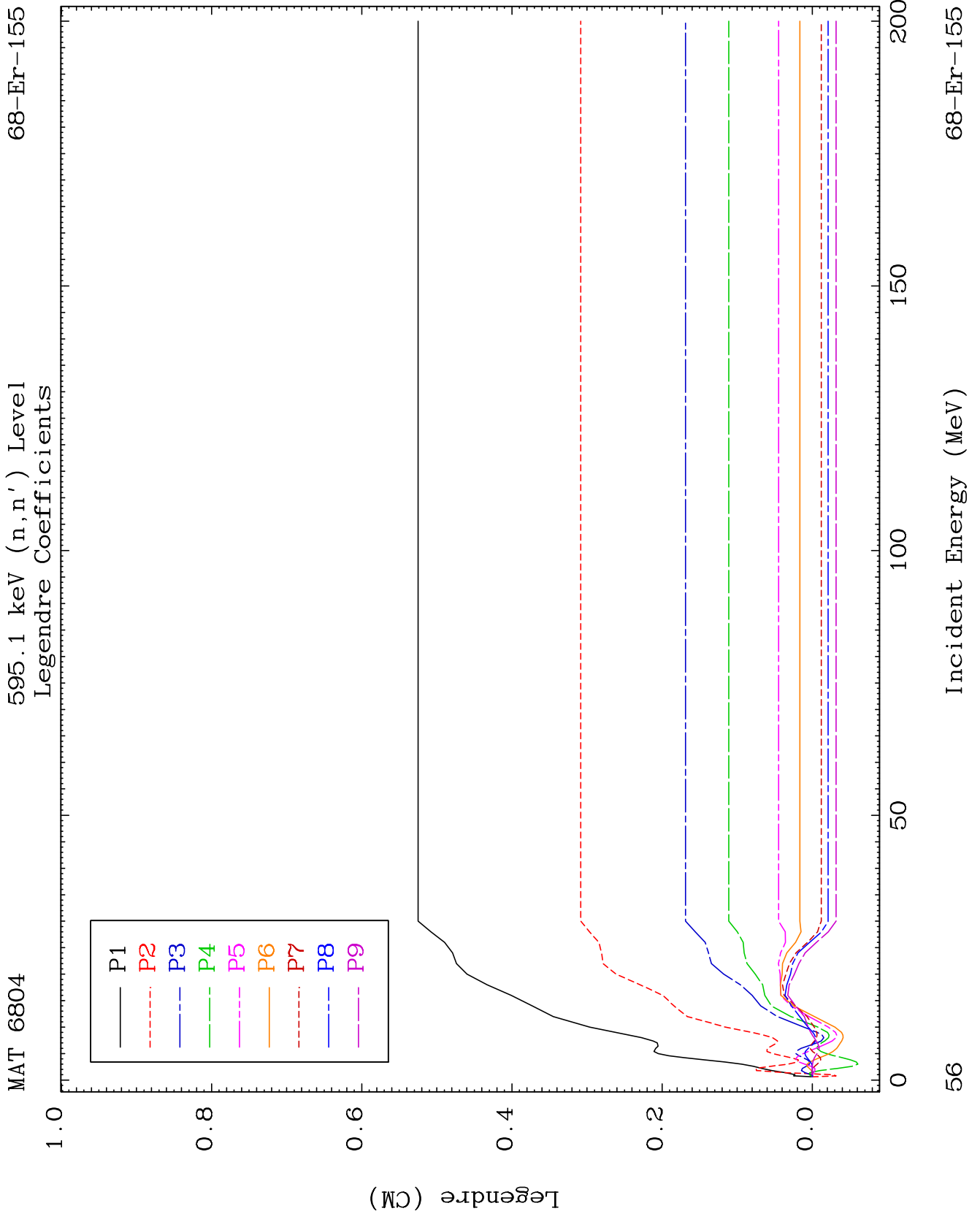


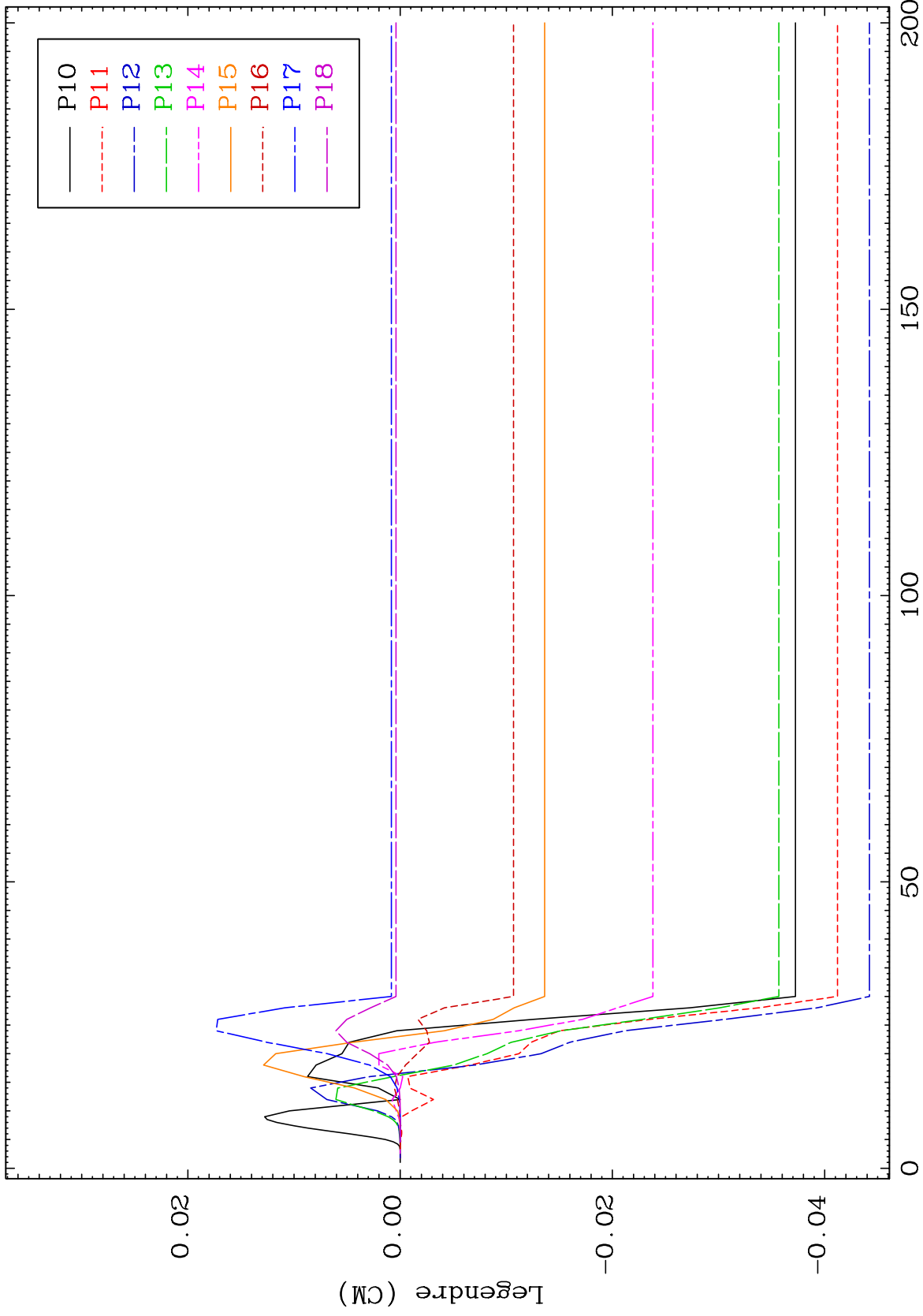
68-Er-155

Incident Energy (MeV)

54



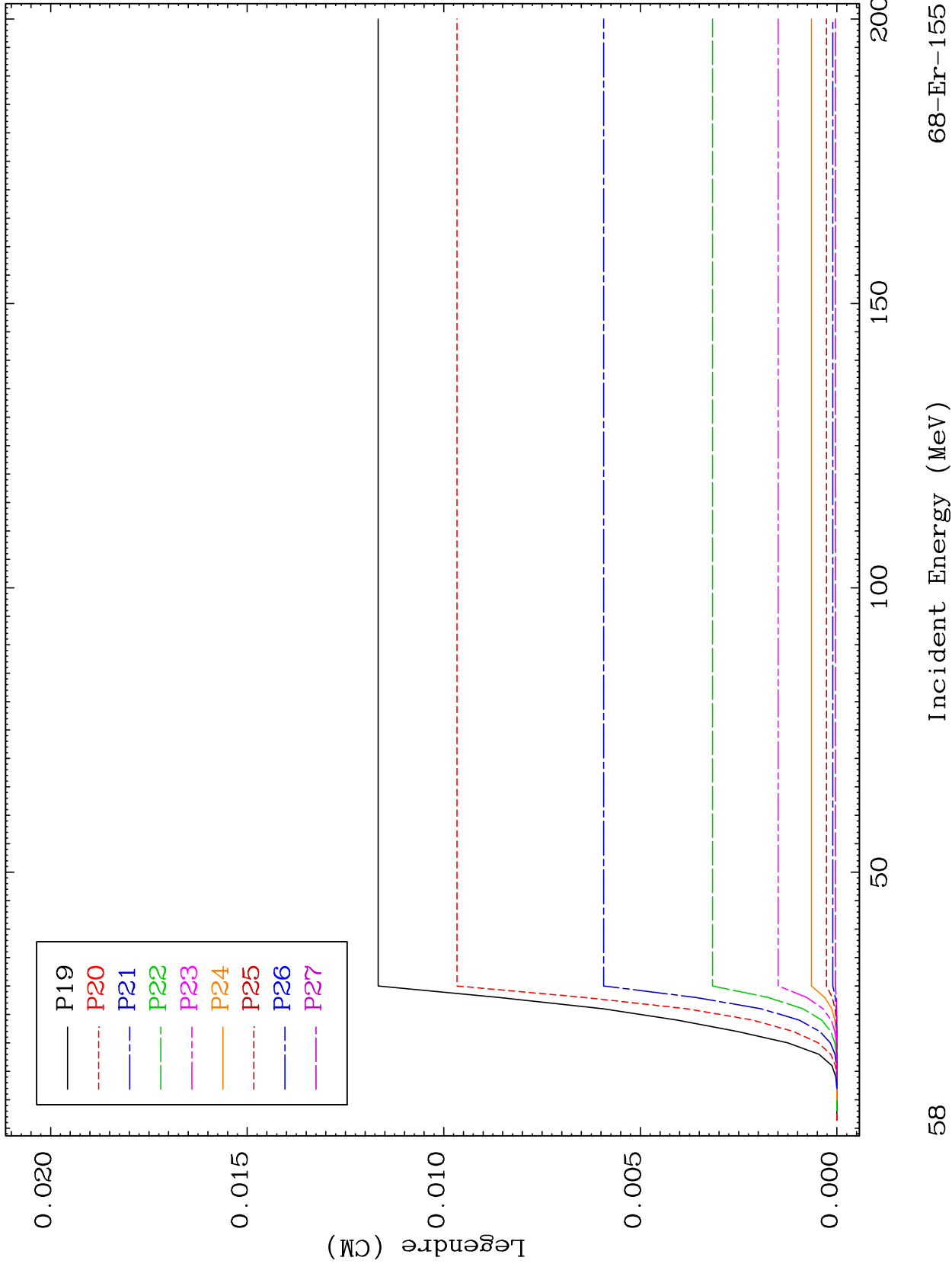




MAT 6804

595.1 keV (n,n') Level
Legendre Coefficients

68-Er-155



58

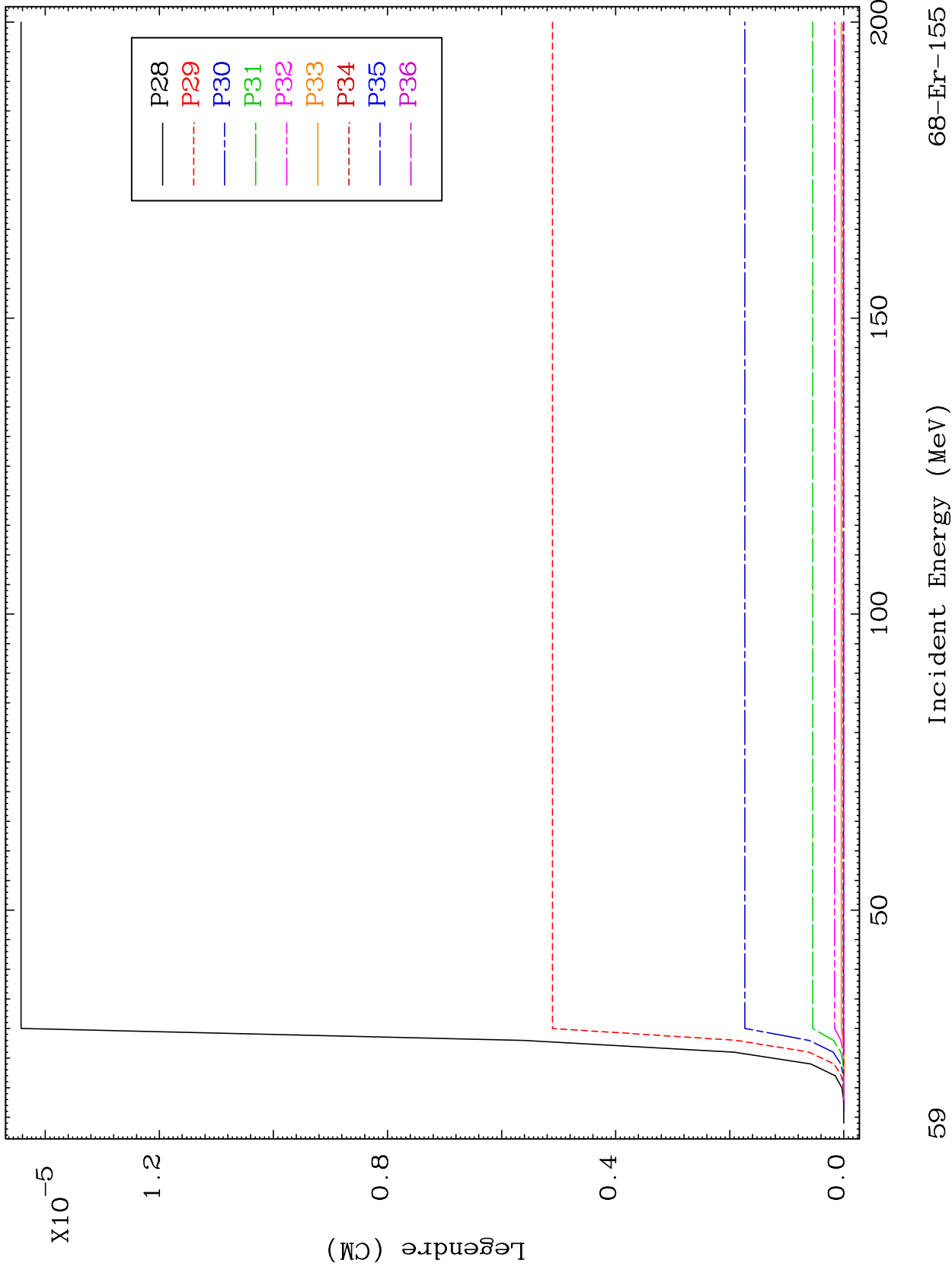
Incident Energy (MeV)

68-Er-155

MAT 6804

595.1 keV (n,n') Level
Legendre Coefficients

68-Er-155



59

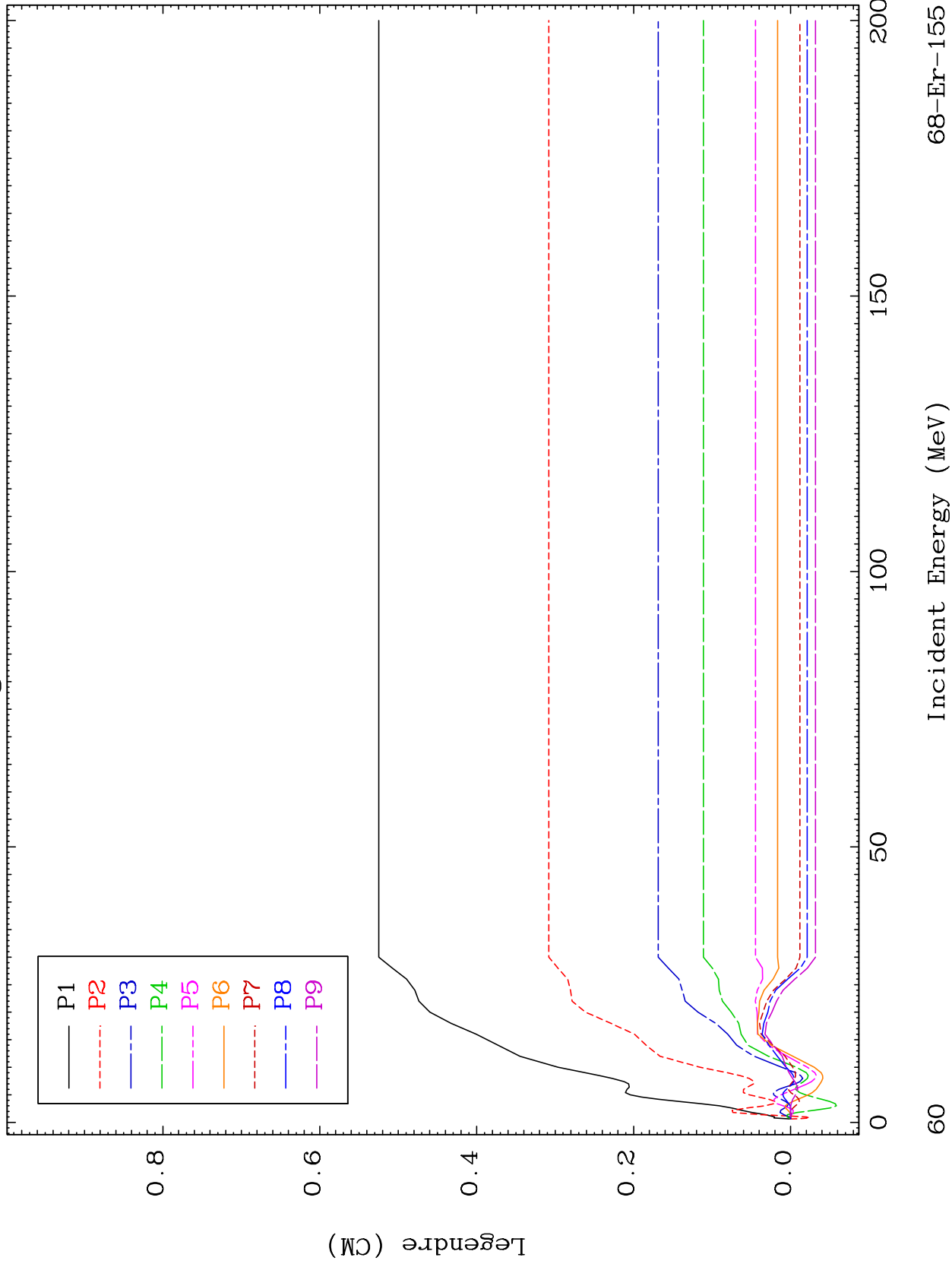
Incident Energy (MeV)

68-Er-155

MAT 6804

606.7 keV (n,n') Level
Legendre Coefficients

68-Er-155

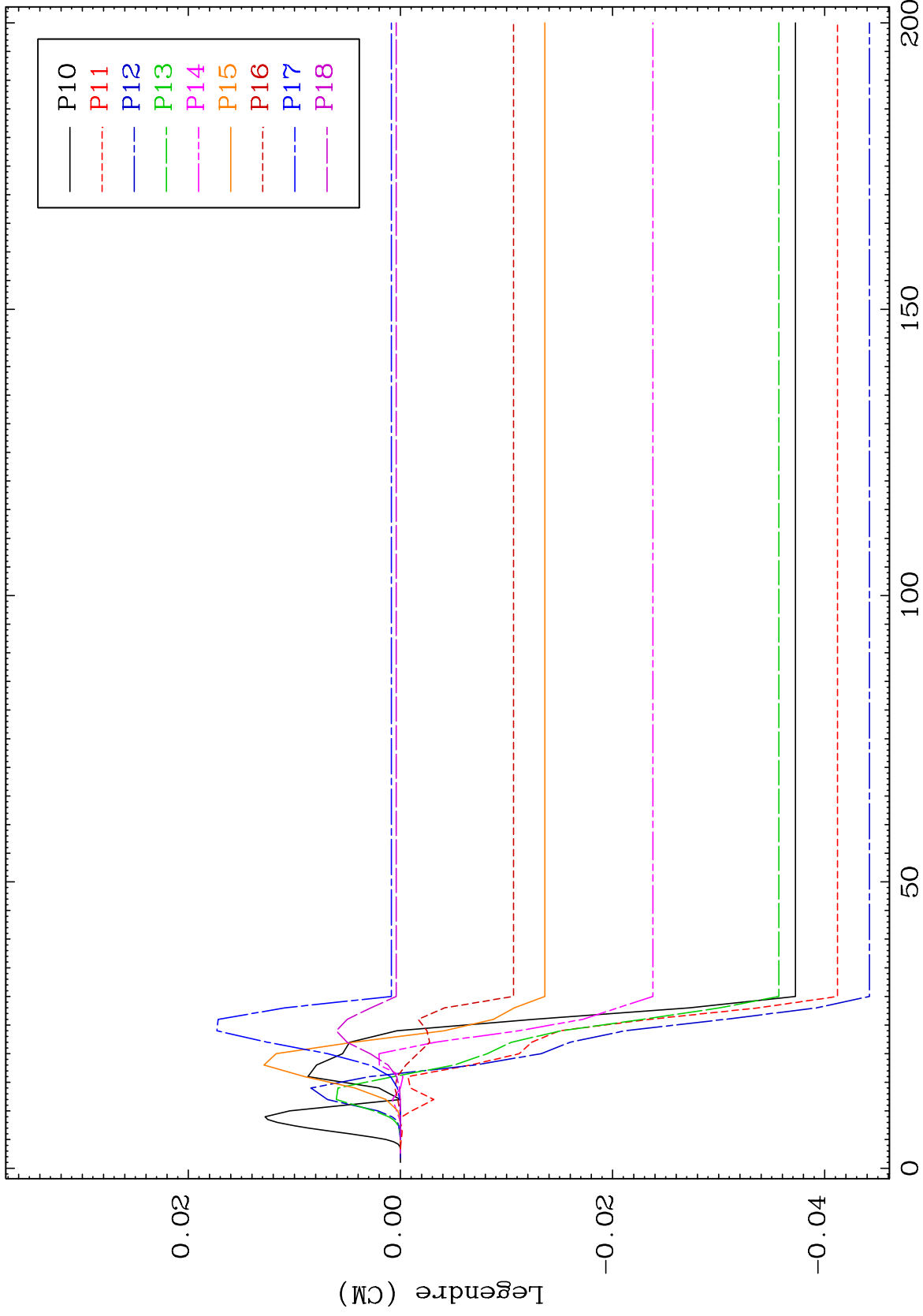


68-Er-155

MAT 6804

606.7 keV (n,n') Level
Legendre Coefficients

68-Er-155



61

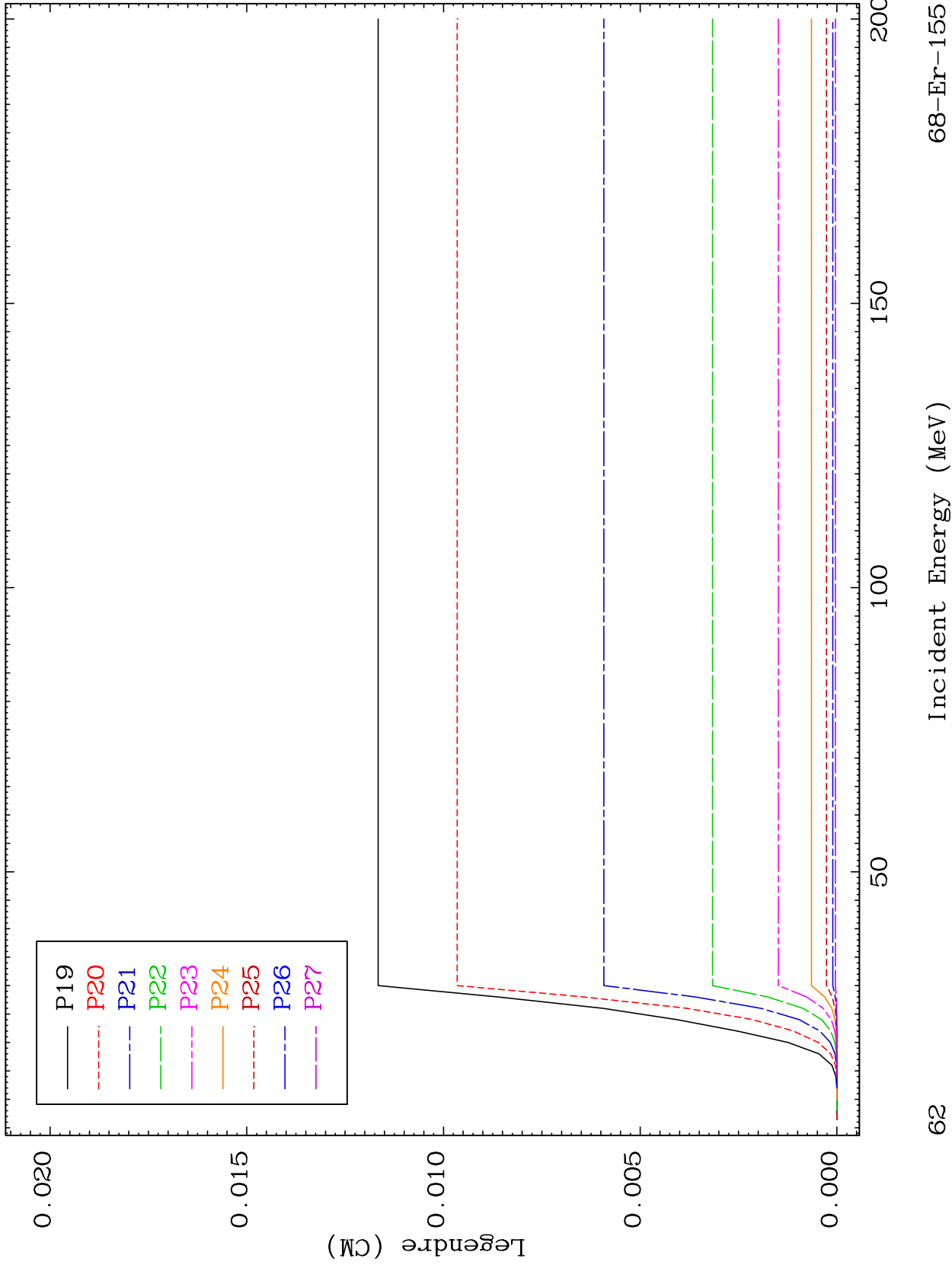
Incident Energy (MeV)

68-Er-155

MAT 6804

606.7 keV (n,n') Level
Legendre Coefficients

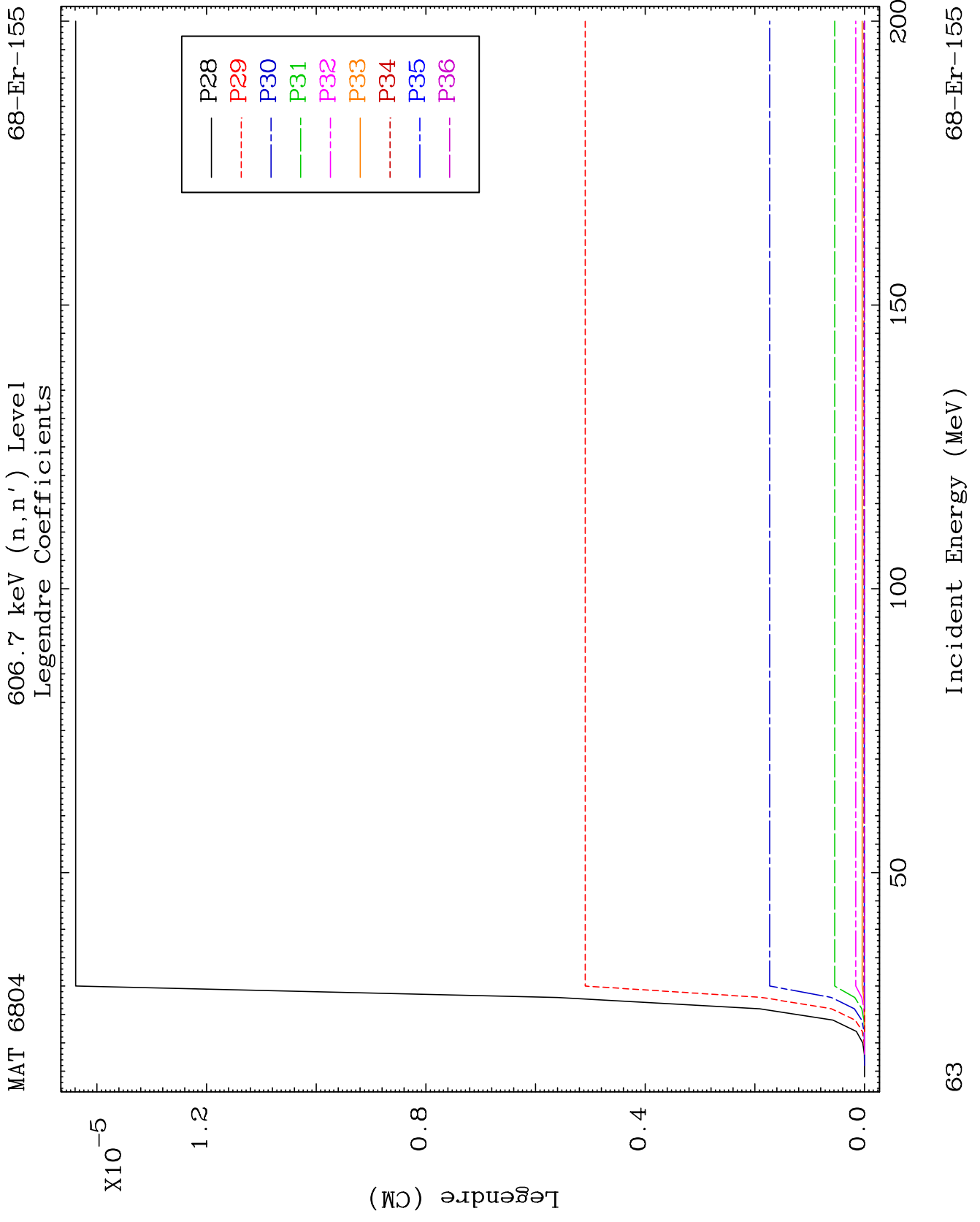
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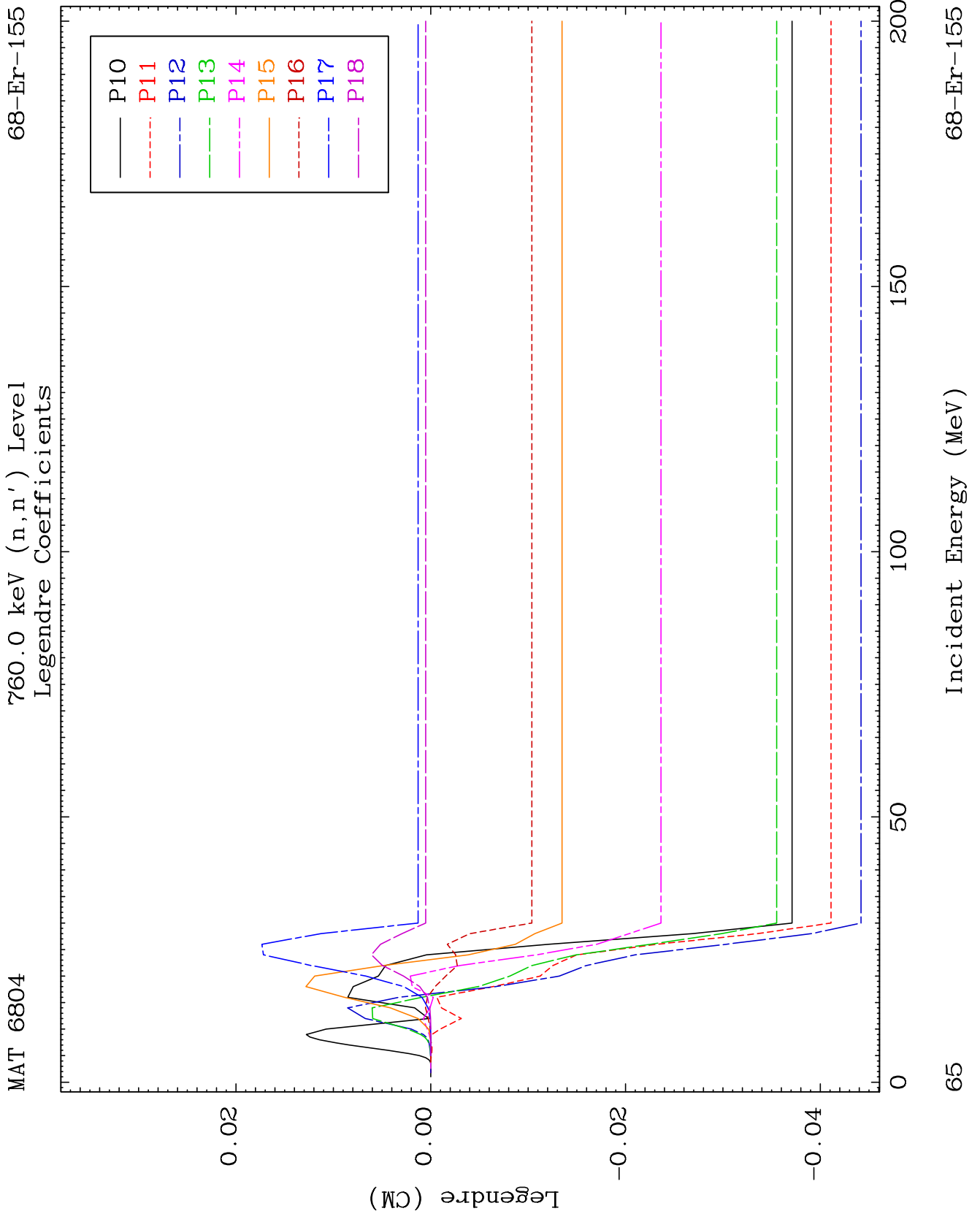


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Incident Energy (MeV)

68-Er-155

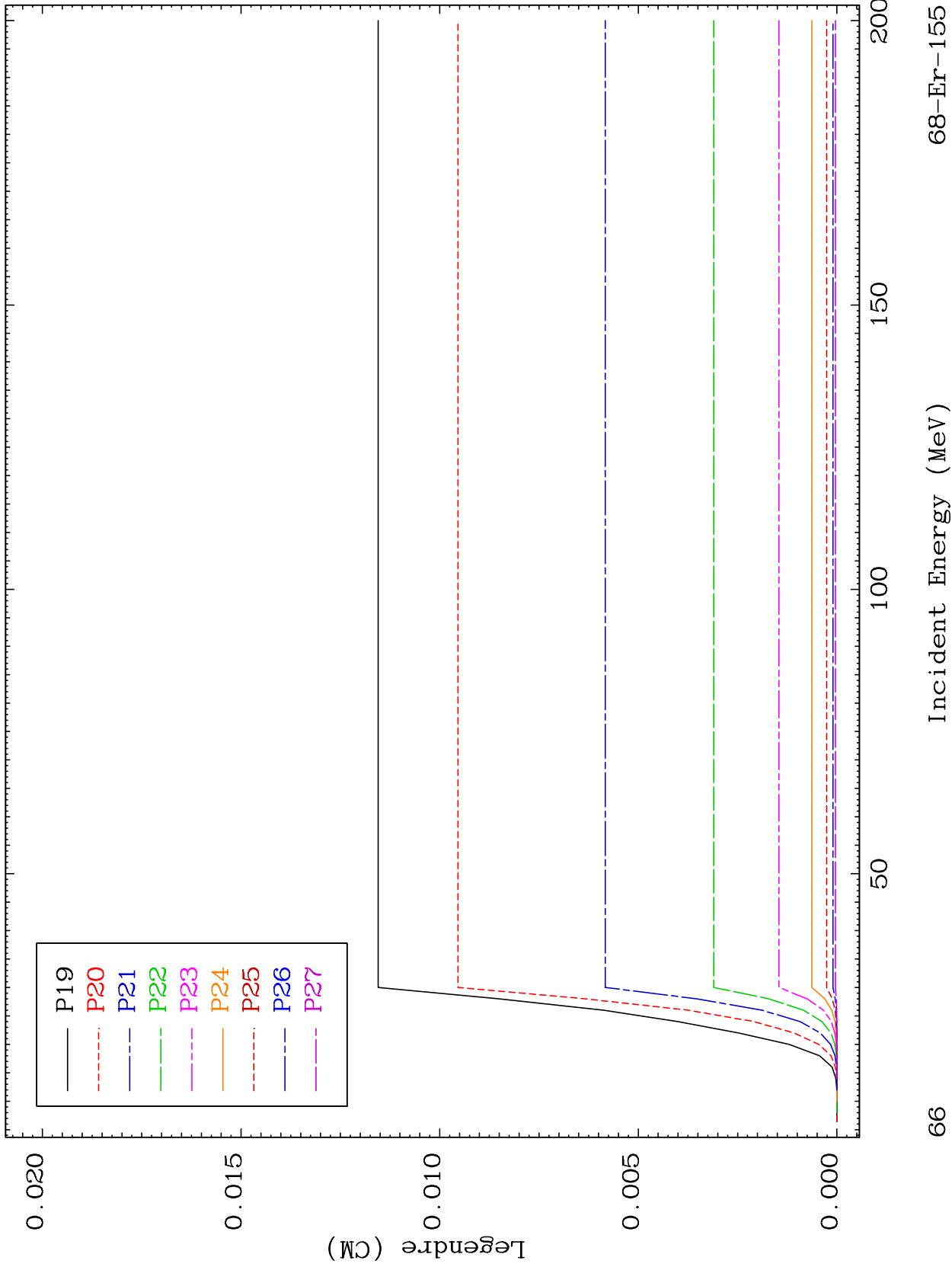




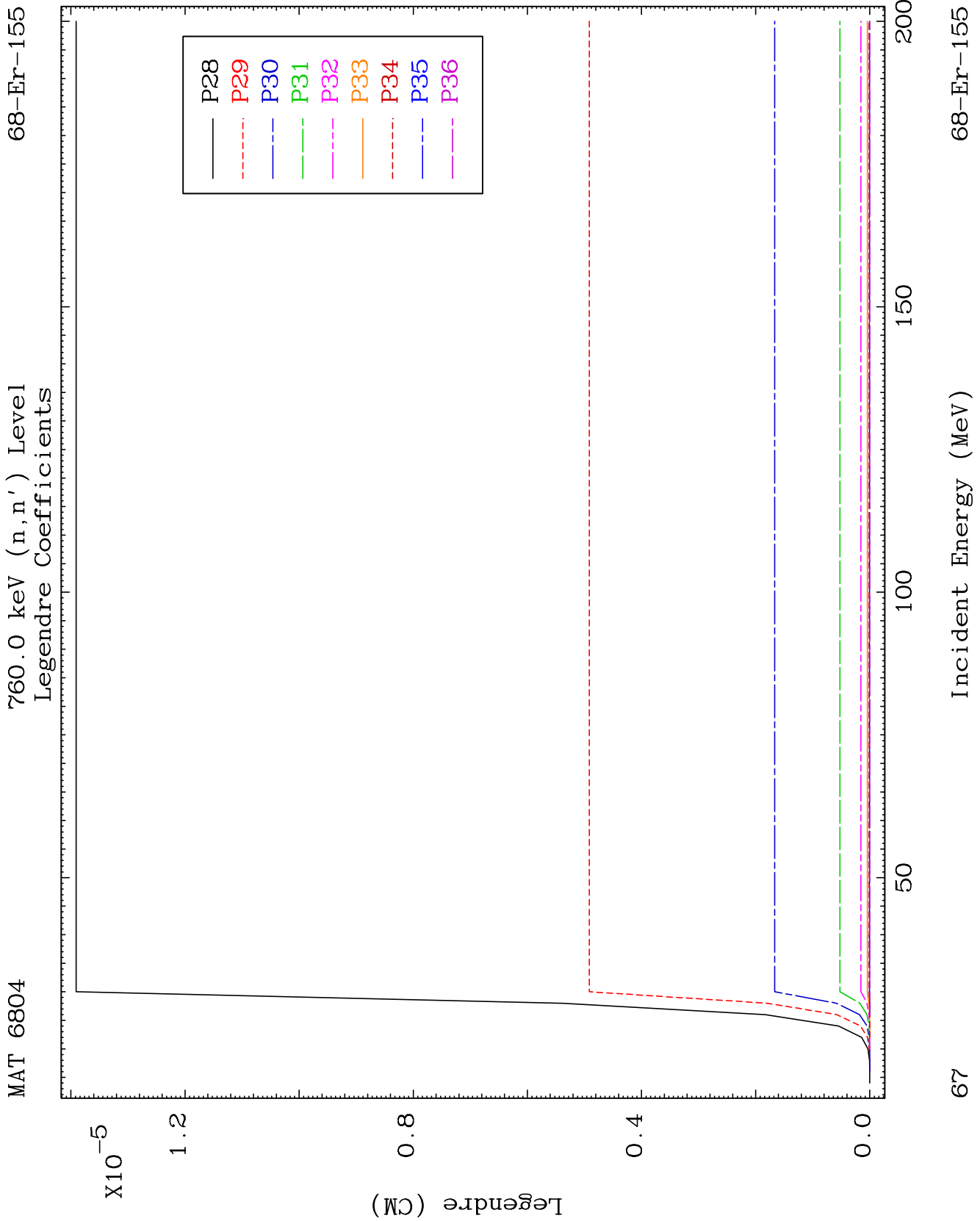
MAT 6804

760.0 keV (n,n') Level
Legendre Coefficients

68-Er-155



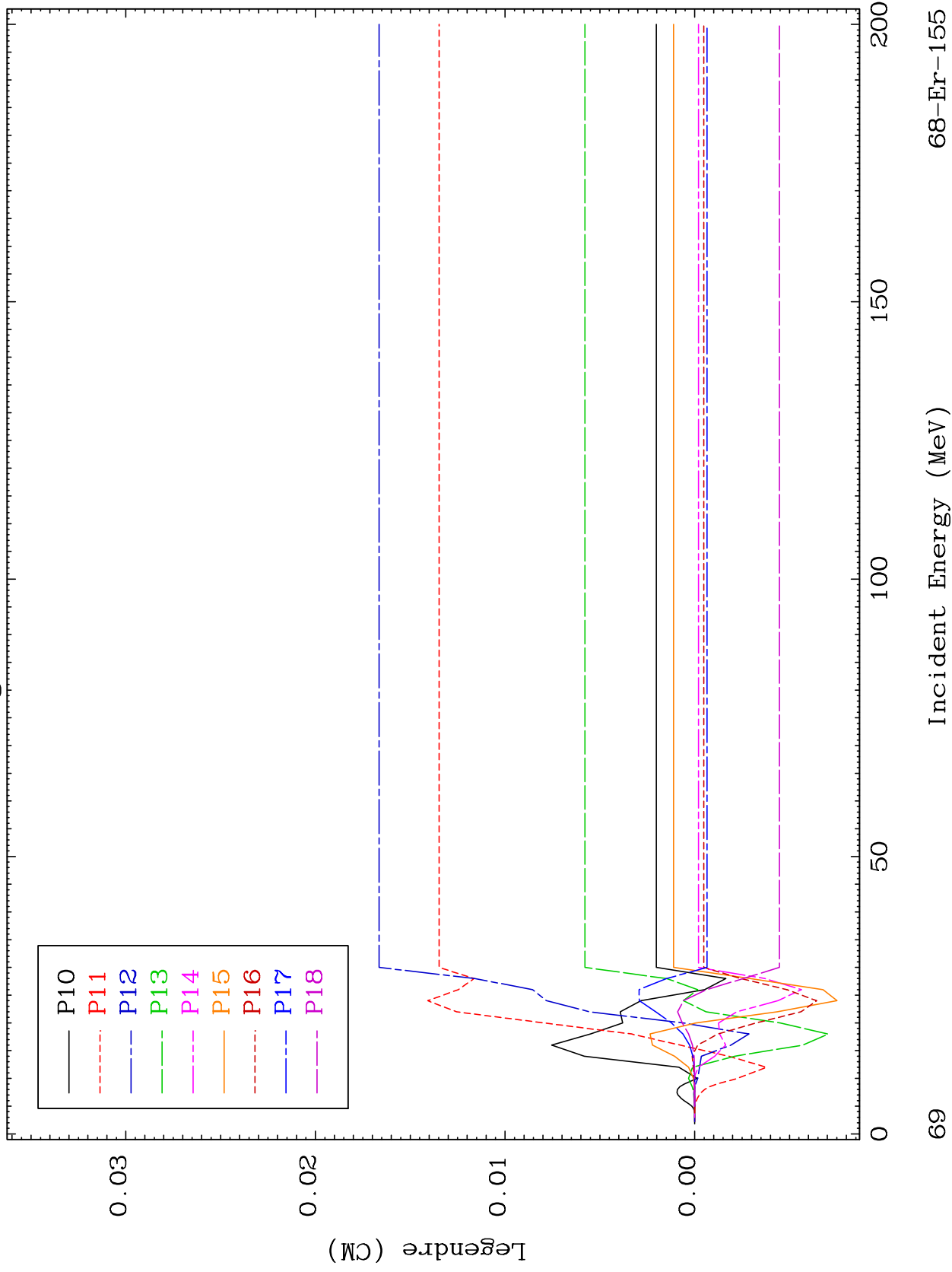
66



MAT 6804

959.6 keV (n,n') Level
Legendre Coefficients

68-Er-155



68-Er-155

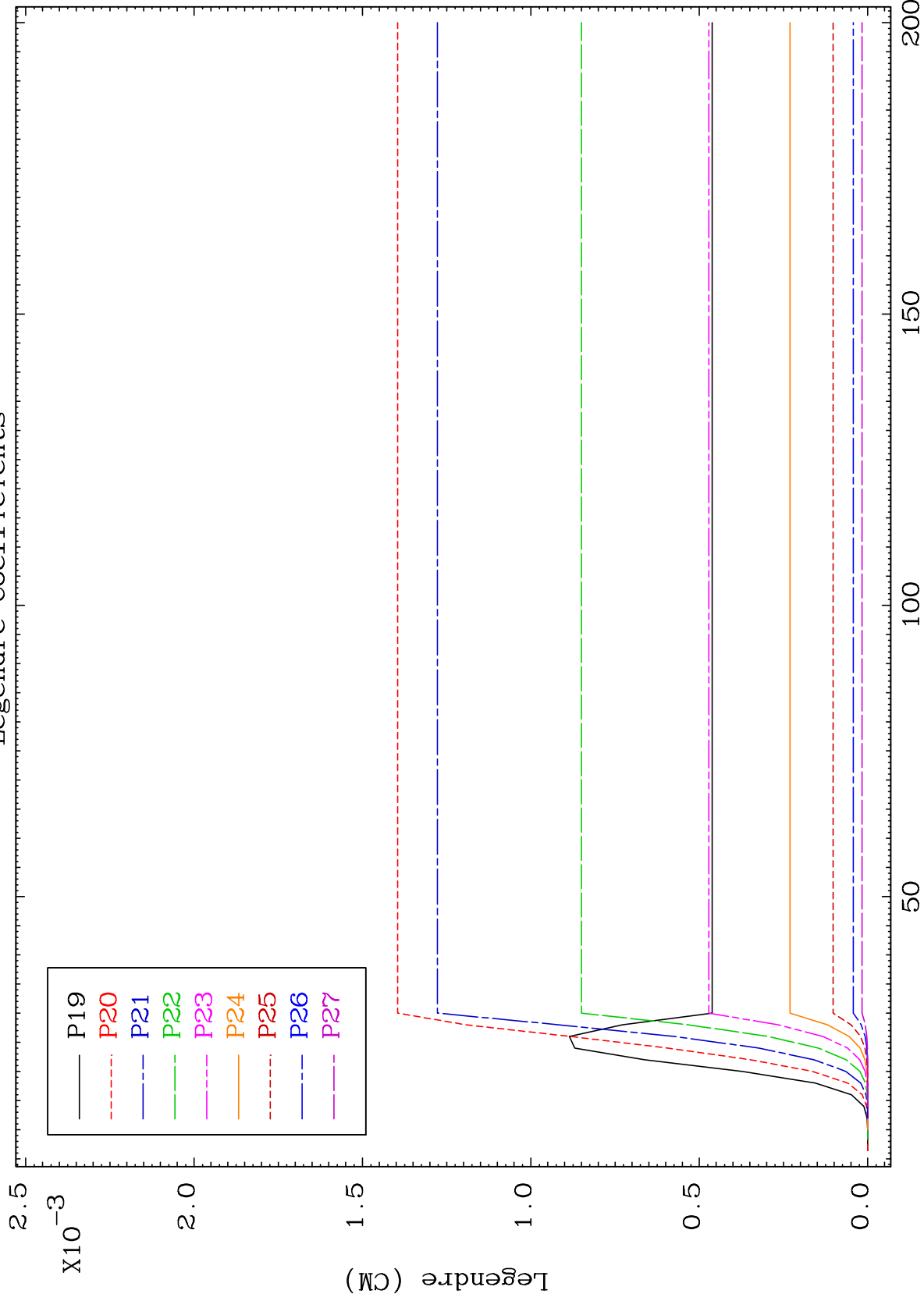
Incident Energy (MeV)

69

MAT 6804

959.6 keV (n,n') Level
Legendre Coefficients

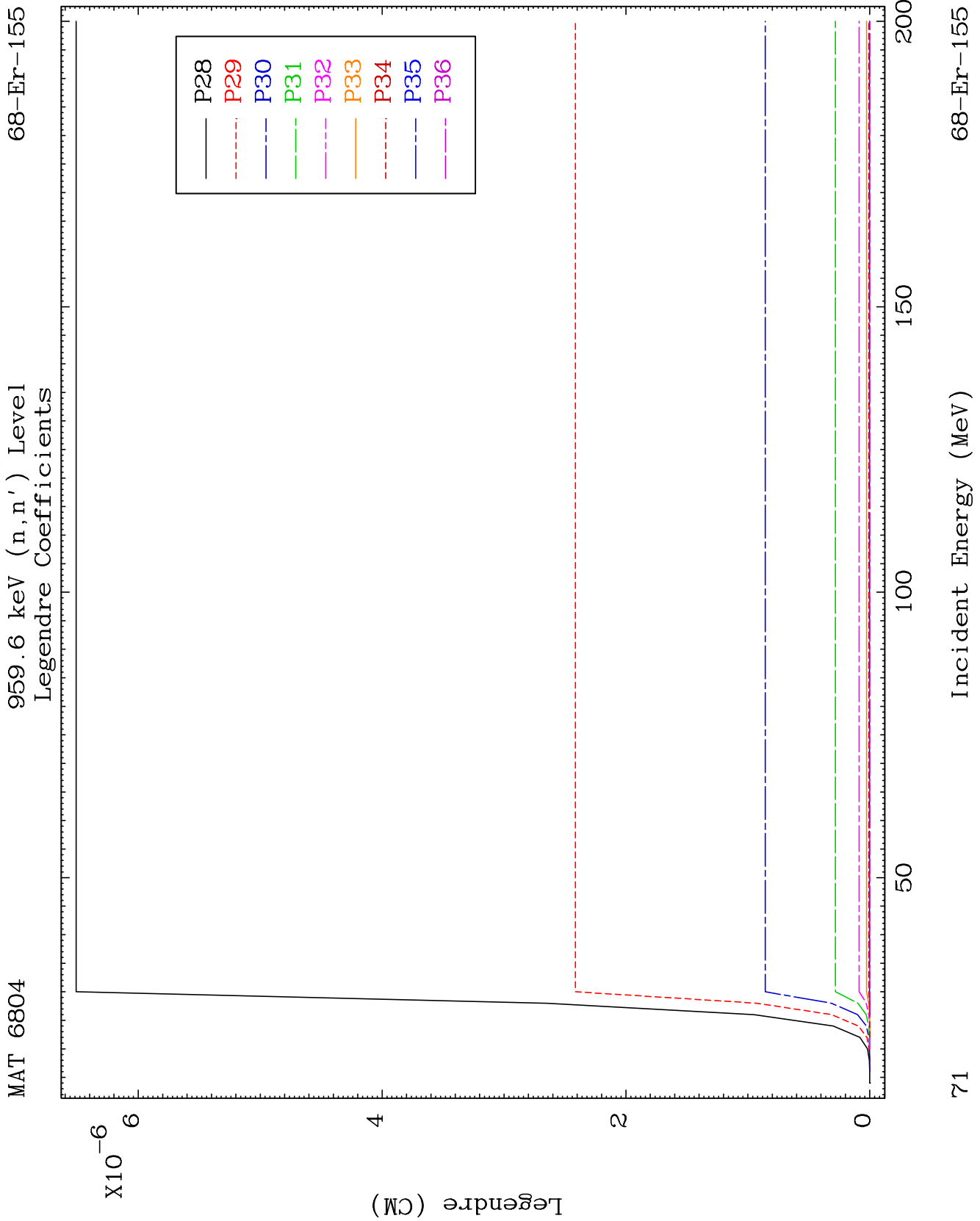
68-Er-155

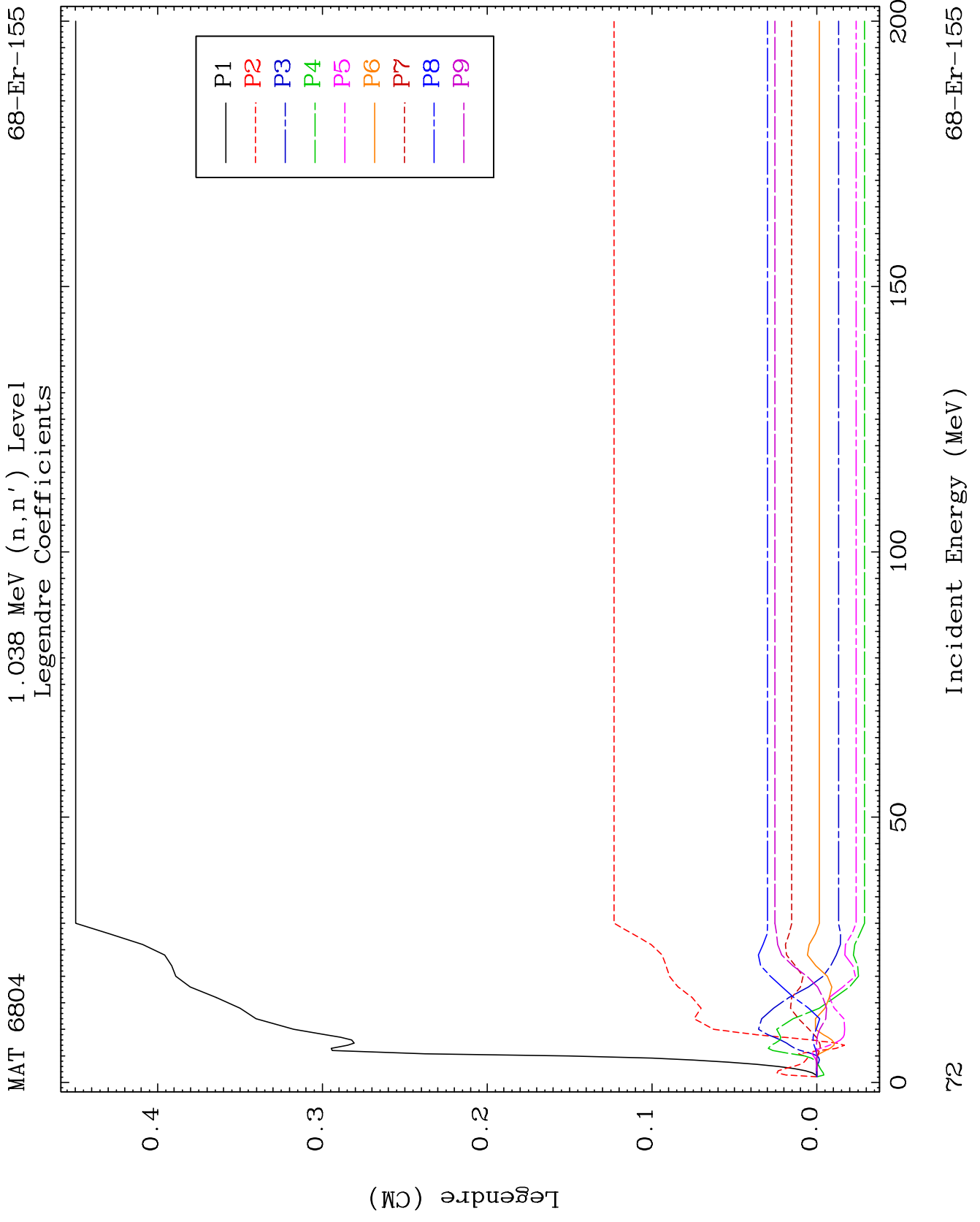


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Incident Energy (MeV)

68-Er-155

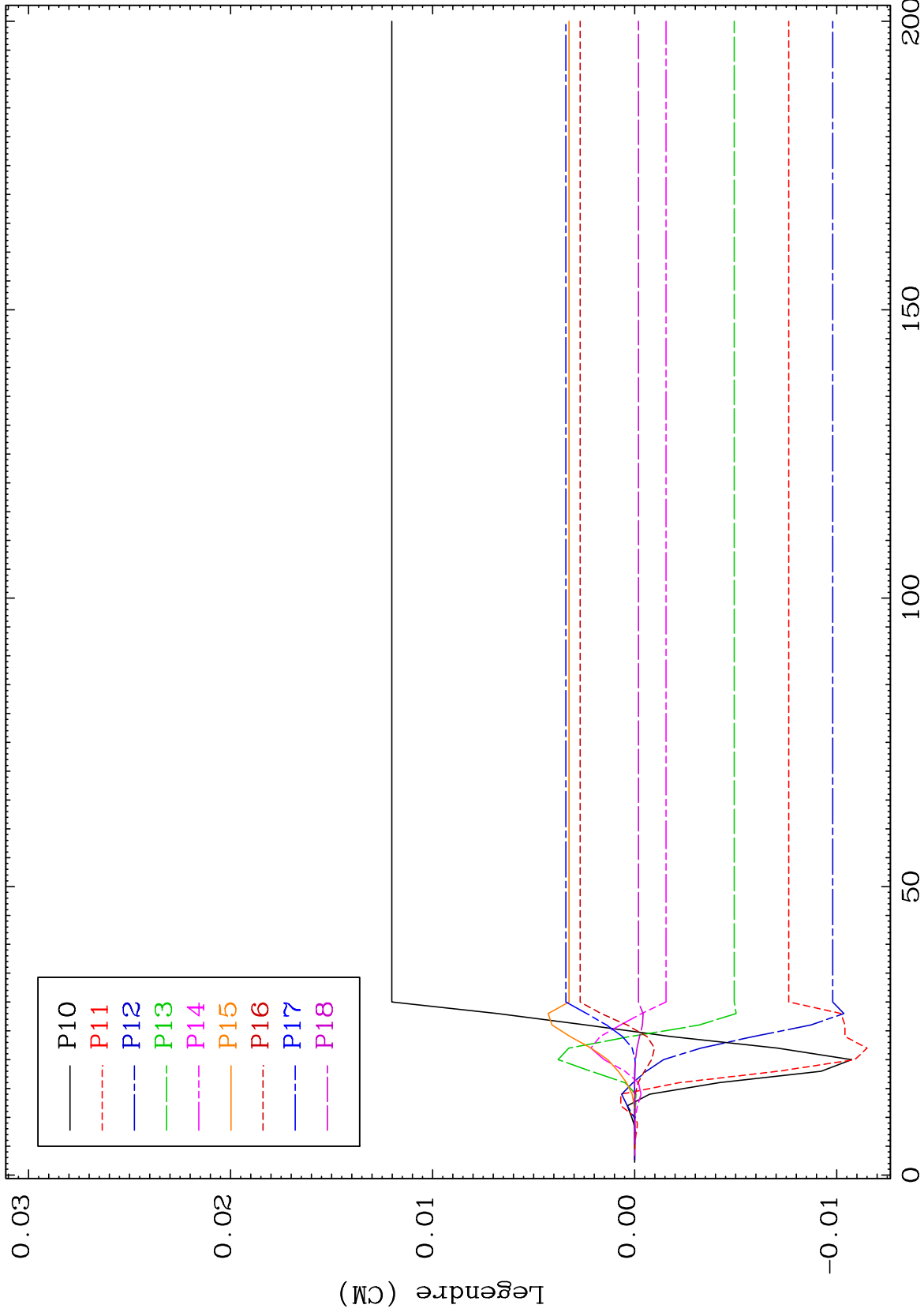




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1.038 MeV (n,n') Level
Legendre Coefficients

68-Er-155



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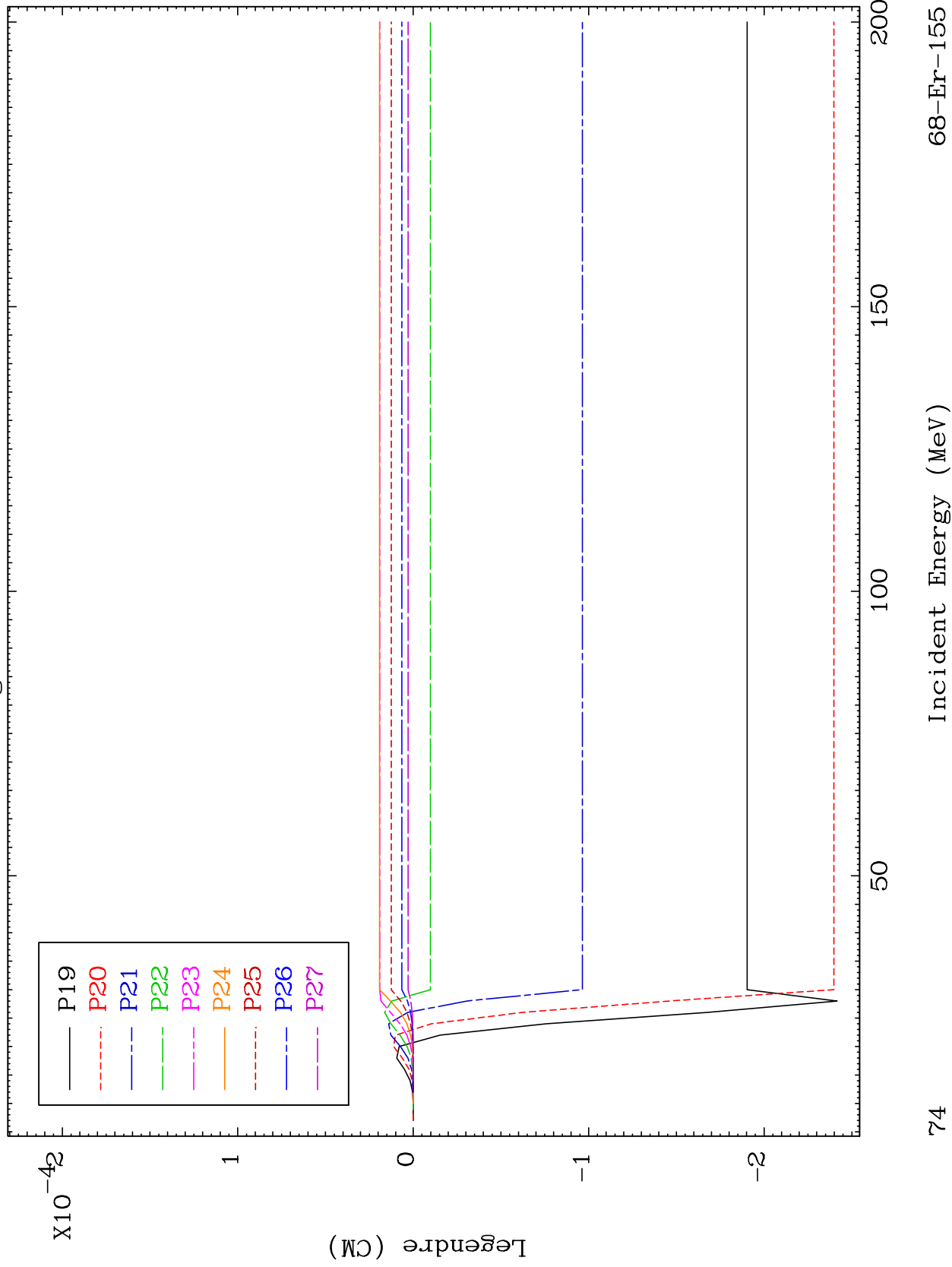
Incident Energy (MeV)

68-Er-155

MAT 6804

1.038 MeV (n,n') Level
Legendre Coefficients

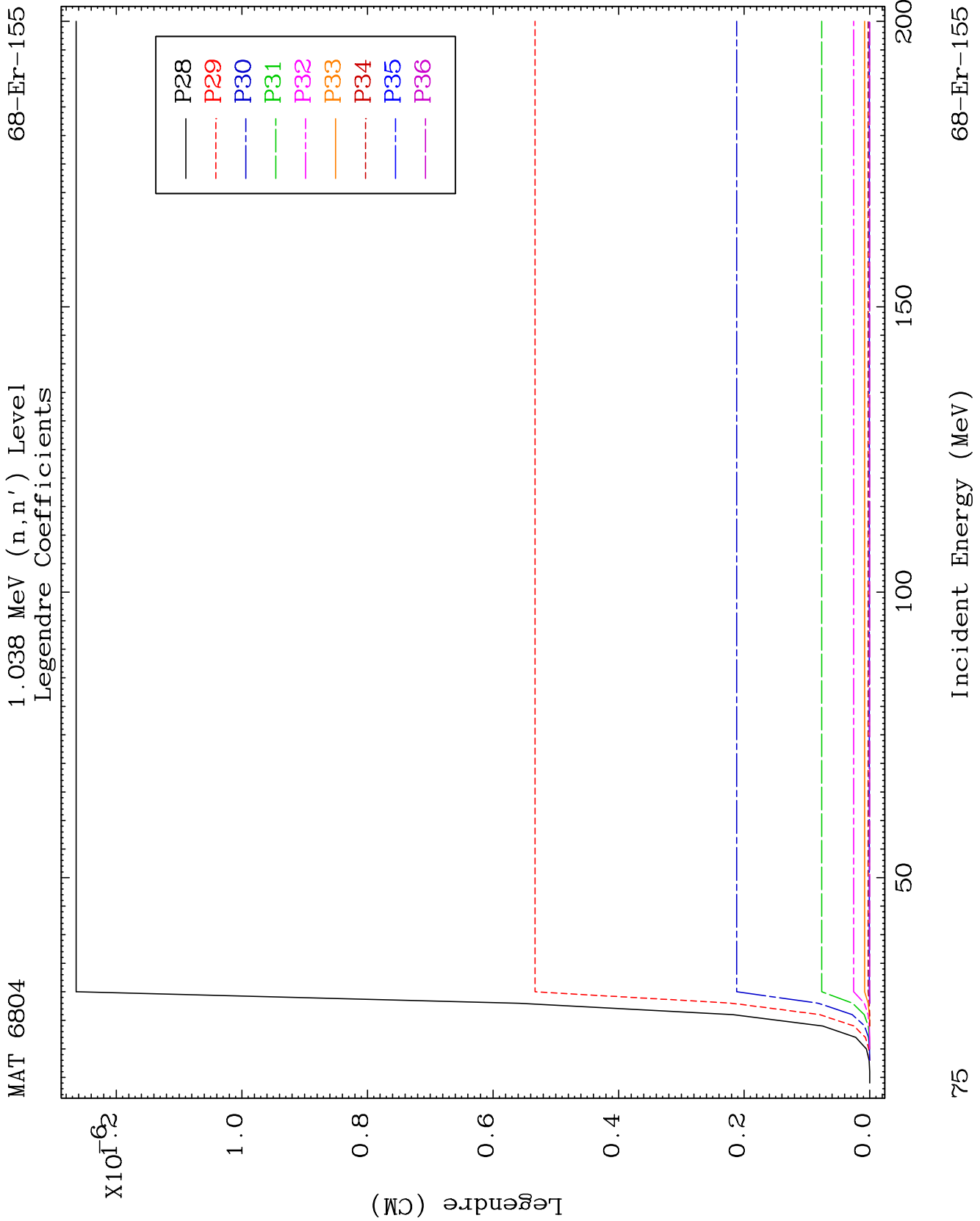
68-Er-155

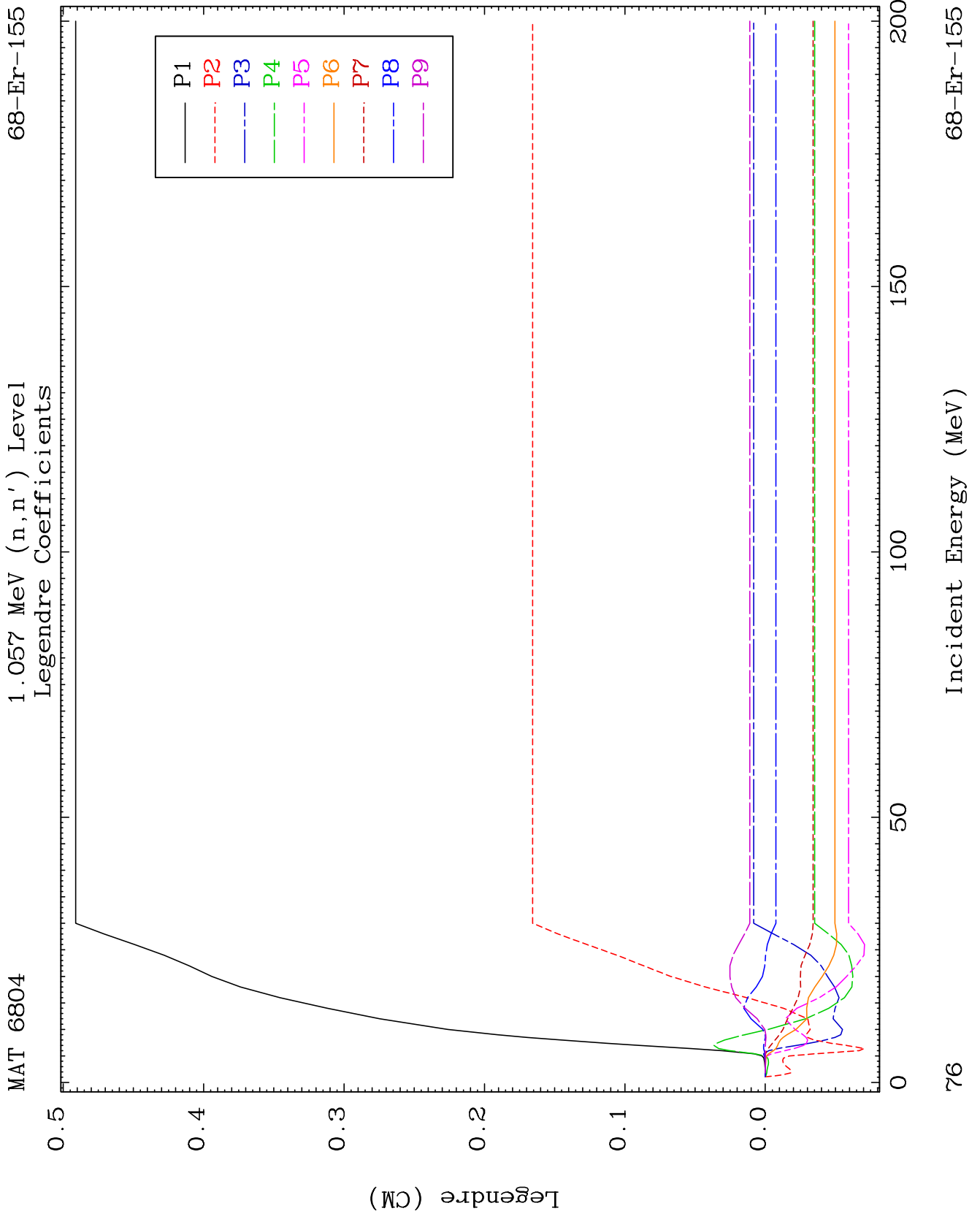


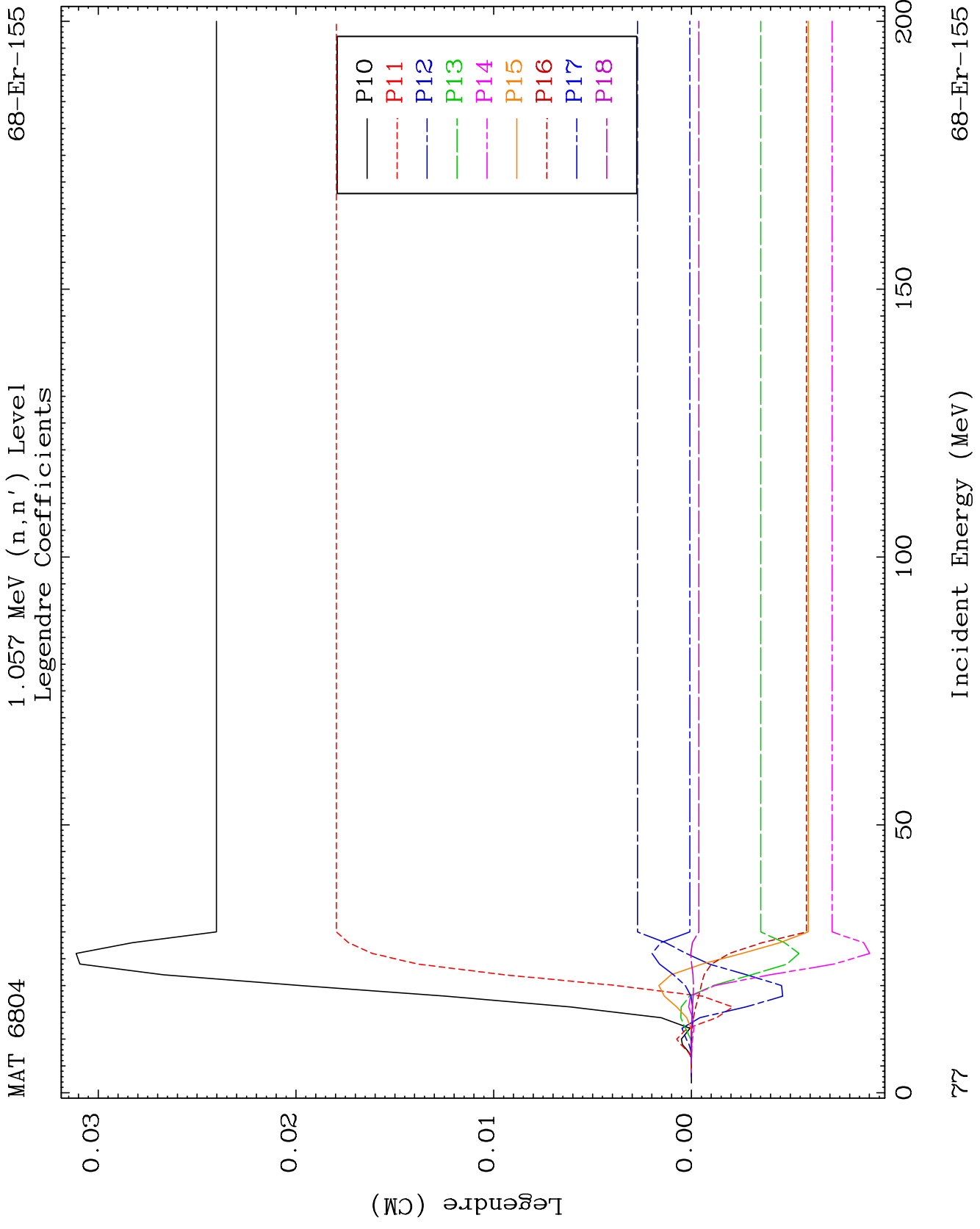
74

Incident Energy (MeV)

68-Er-155



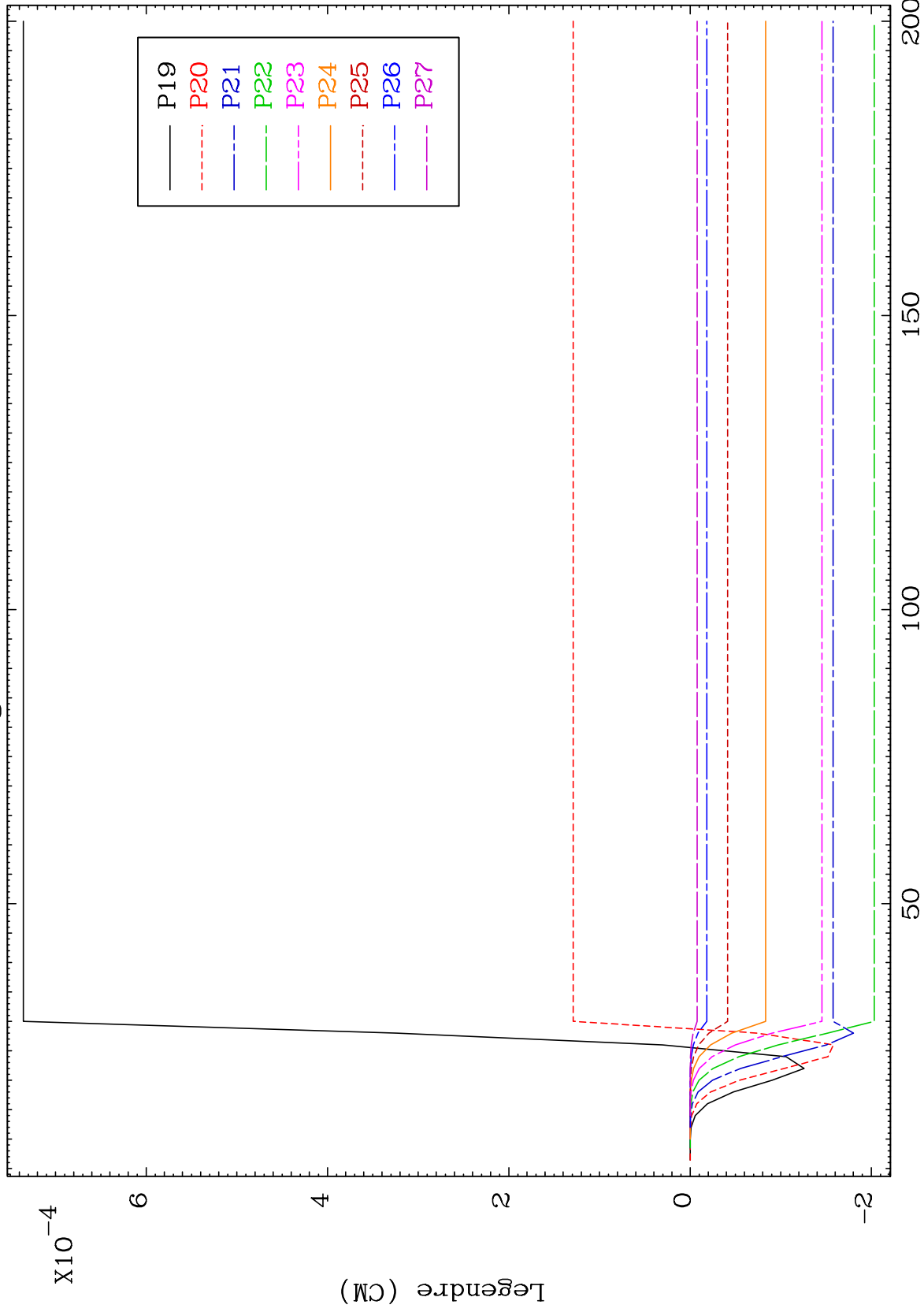




MAT 6804

1.057 MeV (n,n') Level
Legendre Coefficients

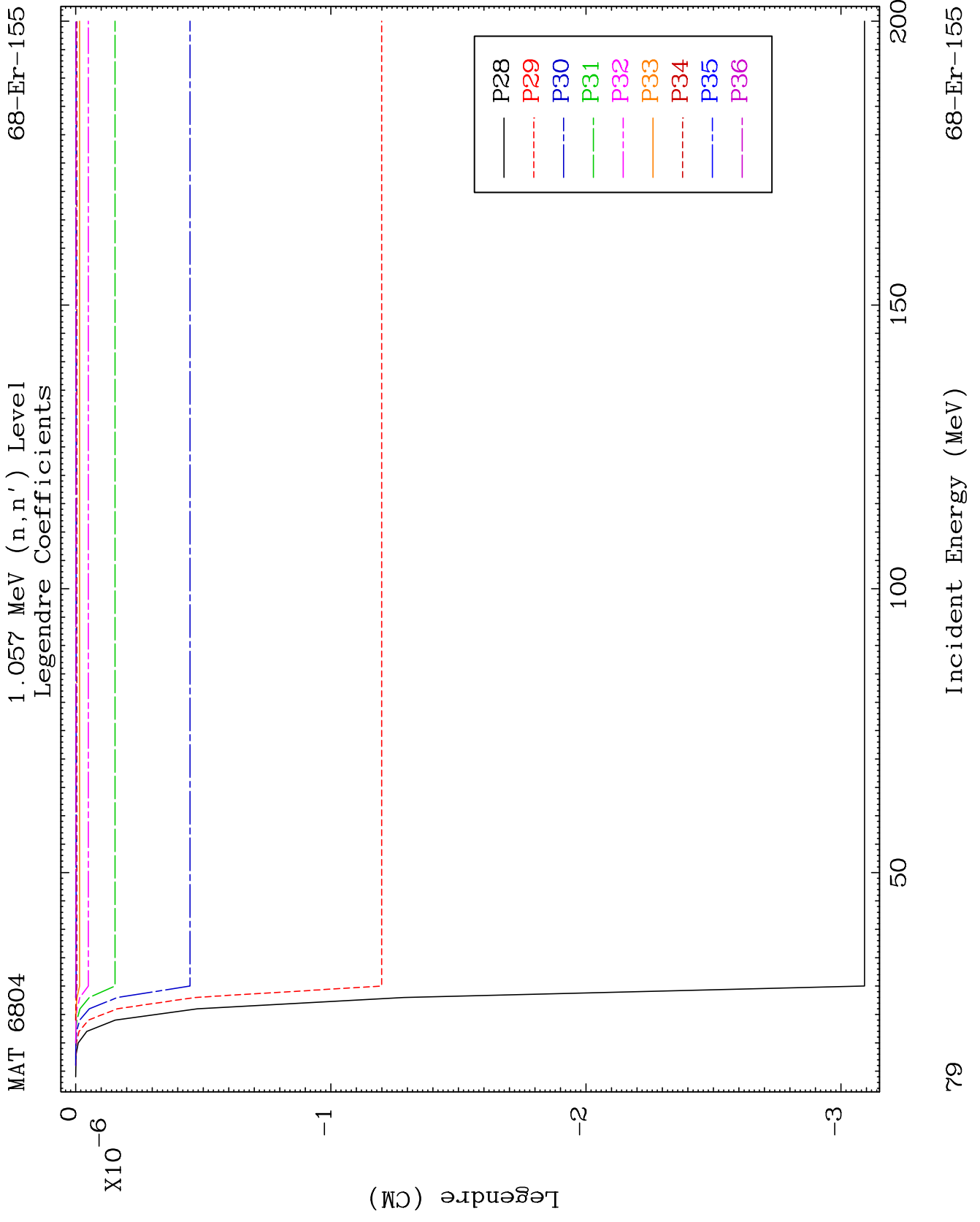
68-Er-155



78

Incident Energy (MeV)

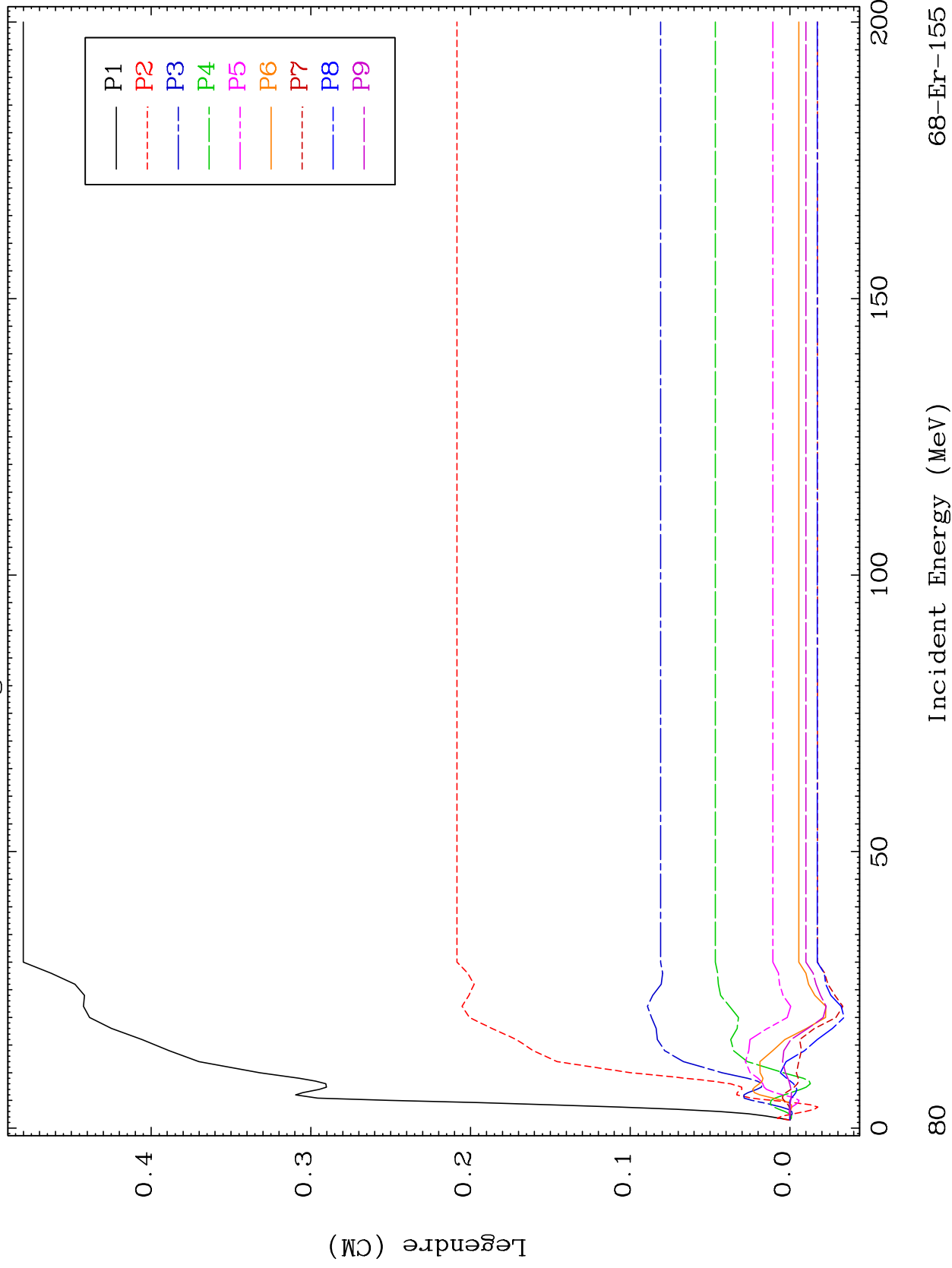
68-Er-155



MAT 6804

1.431 MeV (n,n') Level
Legendre Coefficients

68-Er-155



68-Er-155

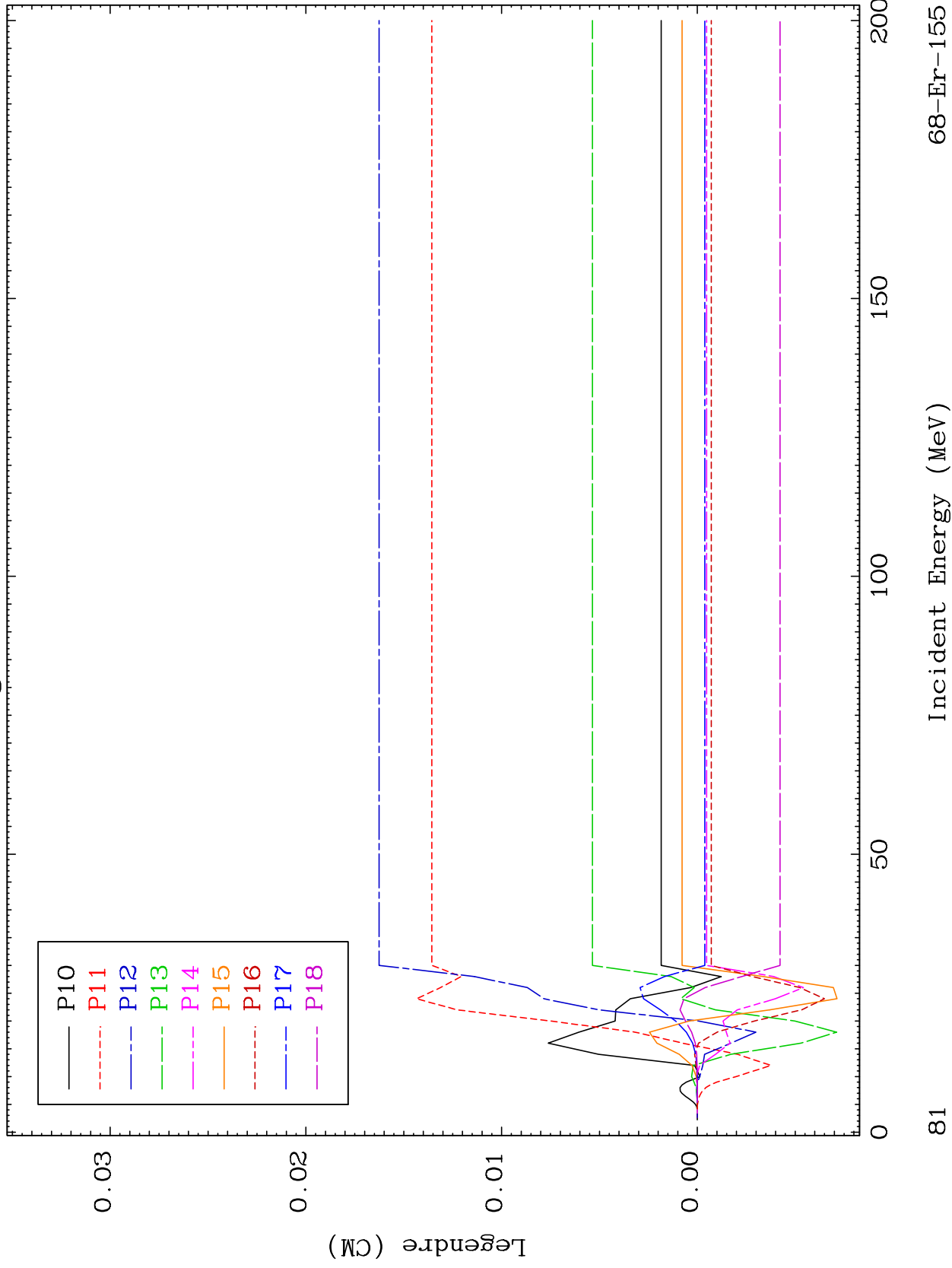
Incident Energy (MeV)

80

MAT 6804

1.431 MeV (n,n') Level
Legendre Coefficients

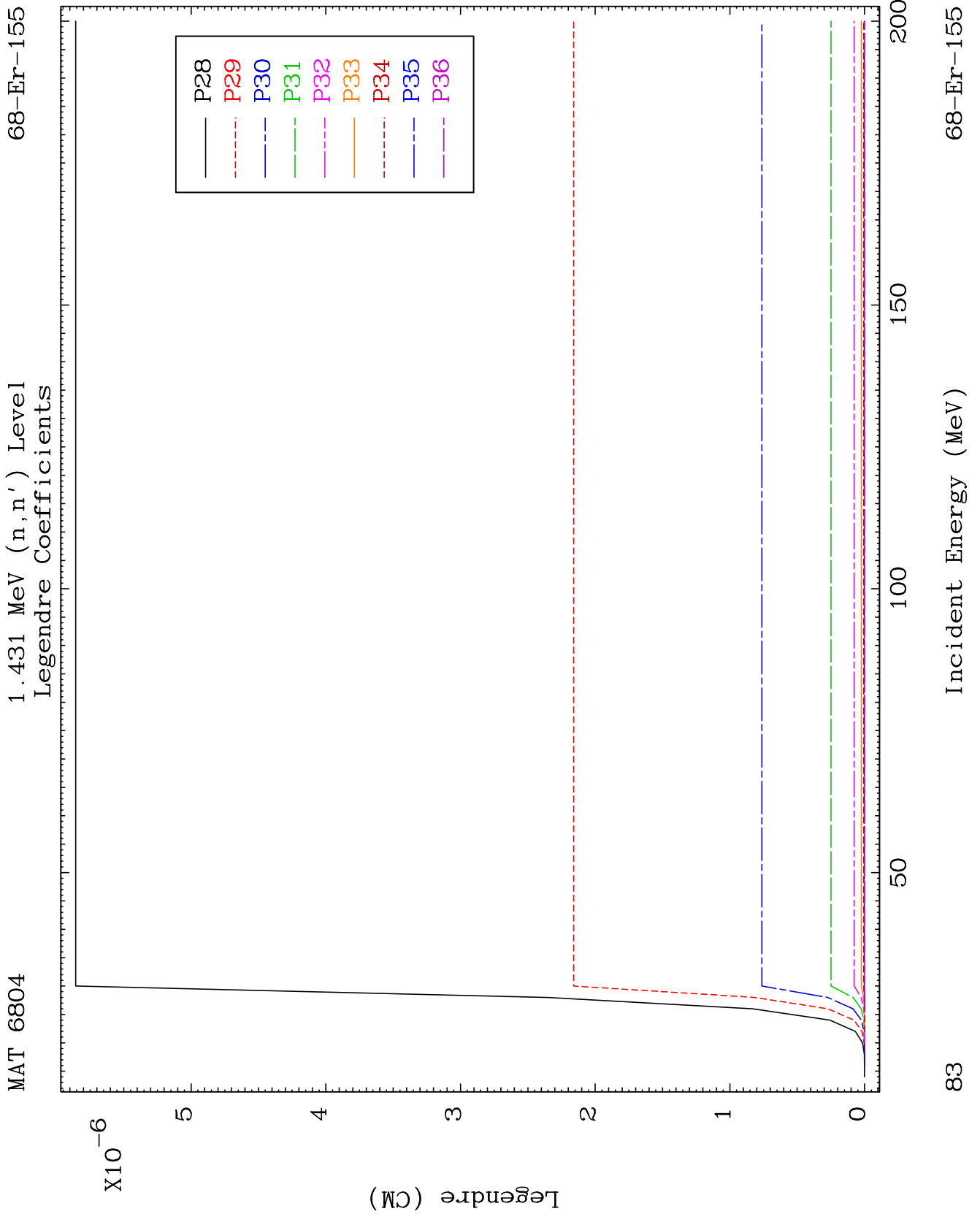
68-Er-155



81

Incident Energy (MeV)

68-Er-155

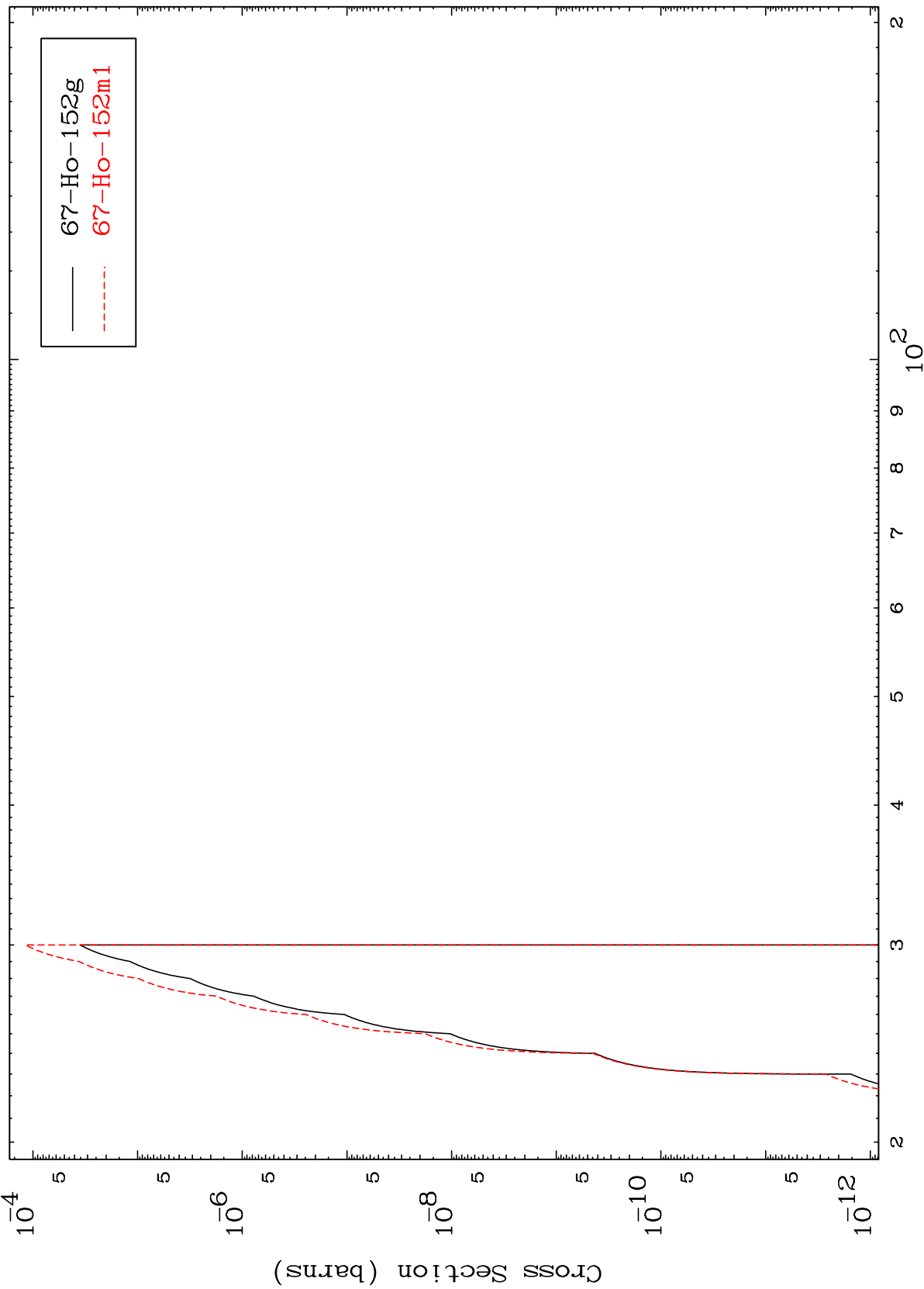


MAT 6804

(n,2n) d

68-Er-155

Radionuclide Production Cross Section



84

Incident Energy (MeV)

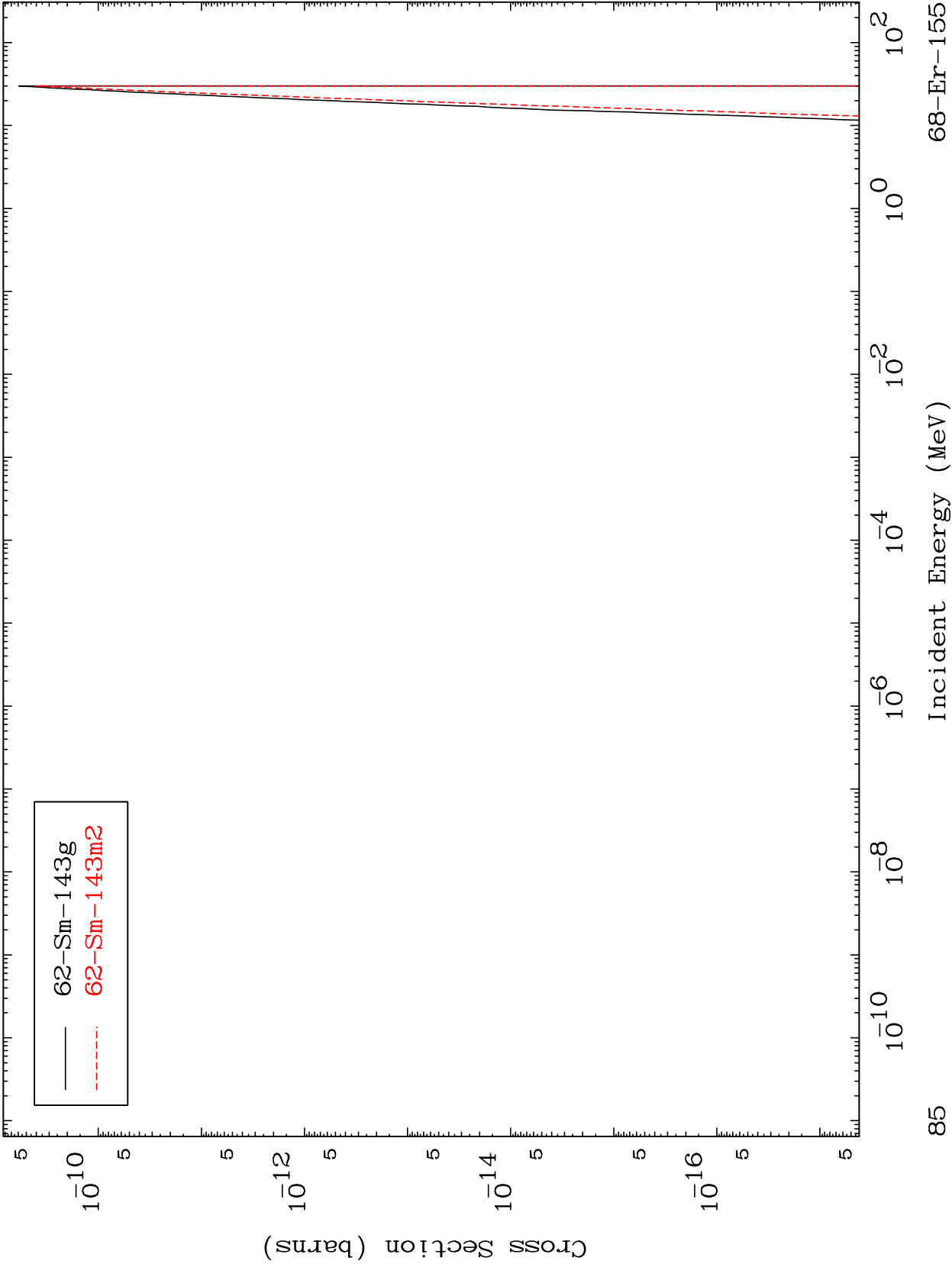
68-Er-155

MAT 6804

(n,n') 3α

68-Er-155

Radionuclide Production Cross Section

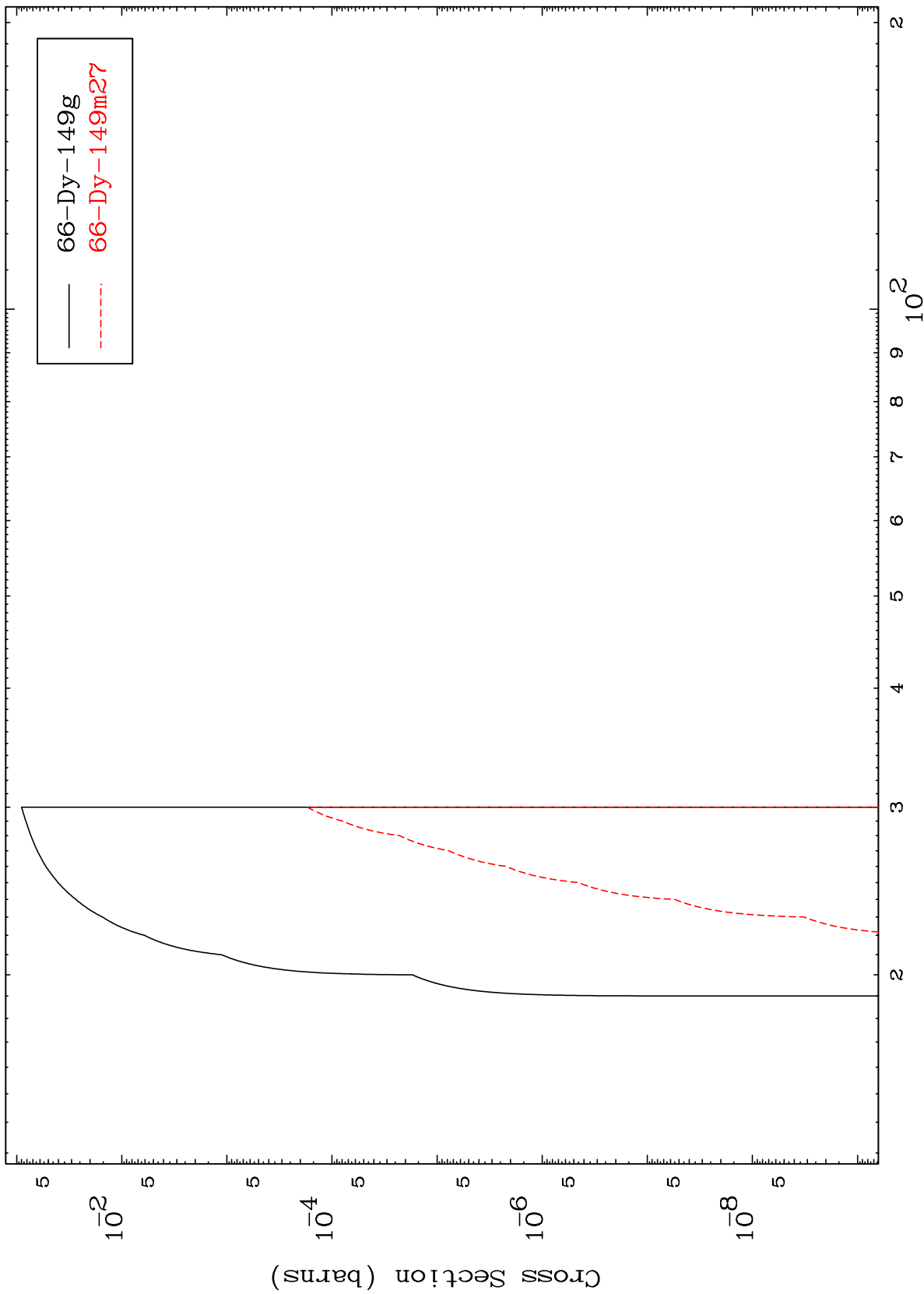


85

Incident Energy (MeV)

68-Er-155

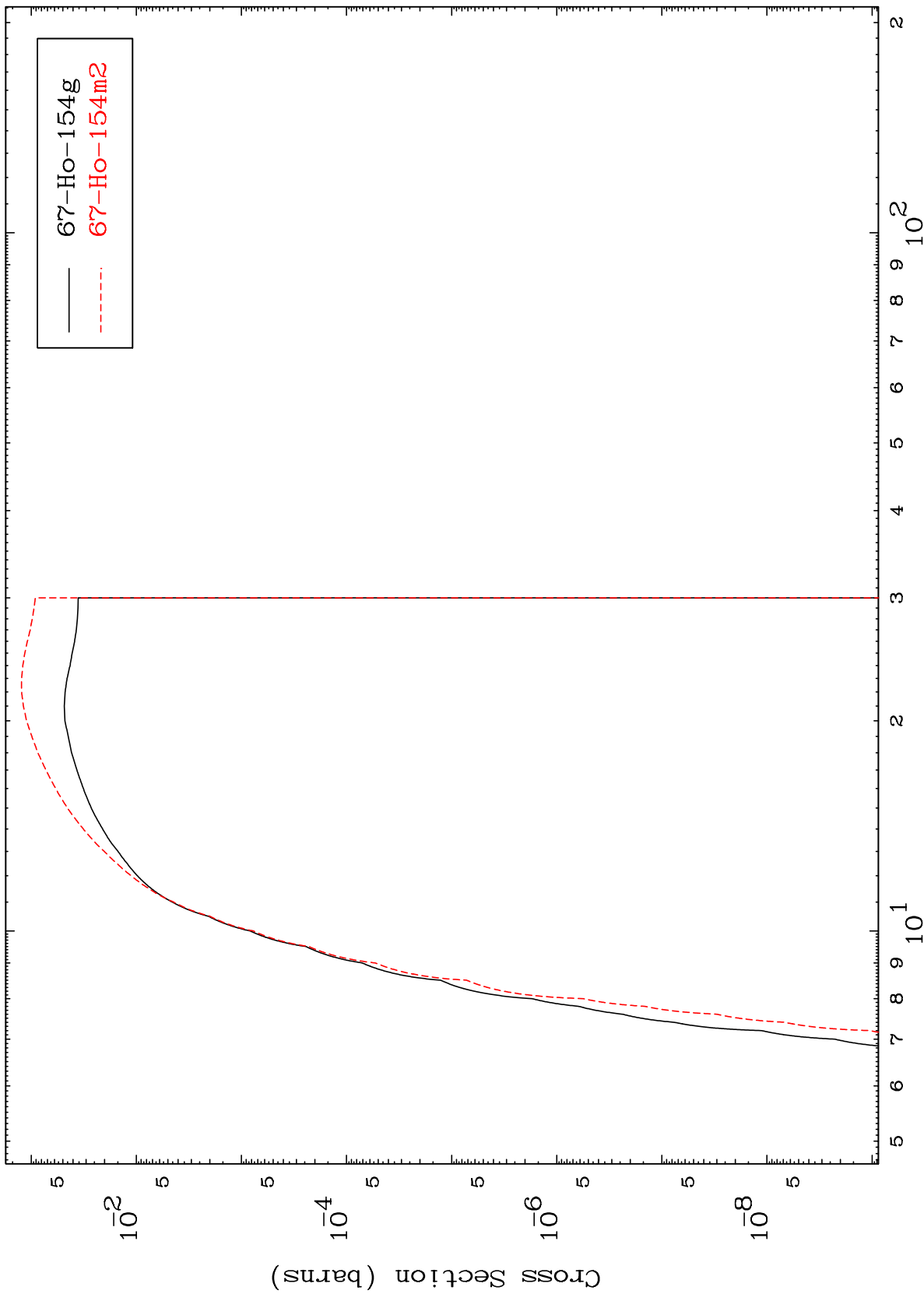
Radionuclide Production Cross Section



MAT 6804

68-Er-155

(n, n') p
Radionuclide Production Cross Section



87

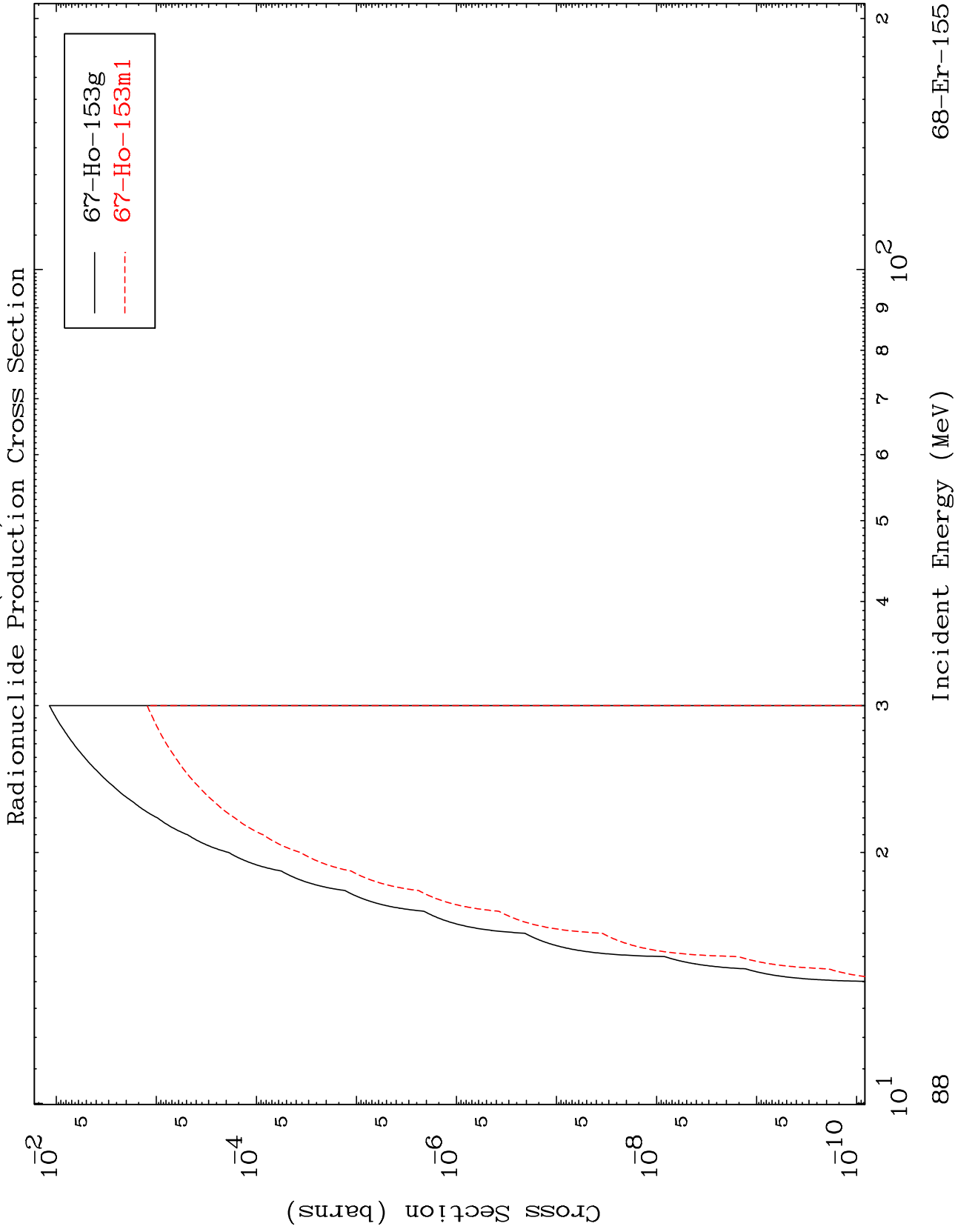
Incident Energy (MeV)

68-Er-155

MAT 6804

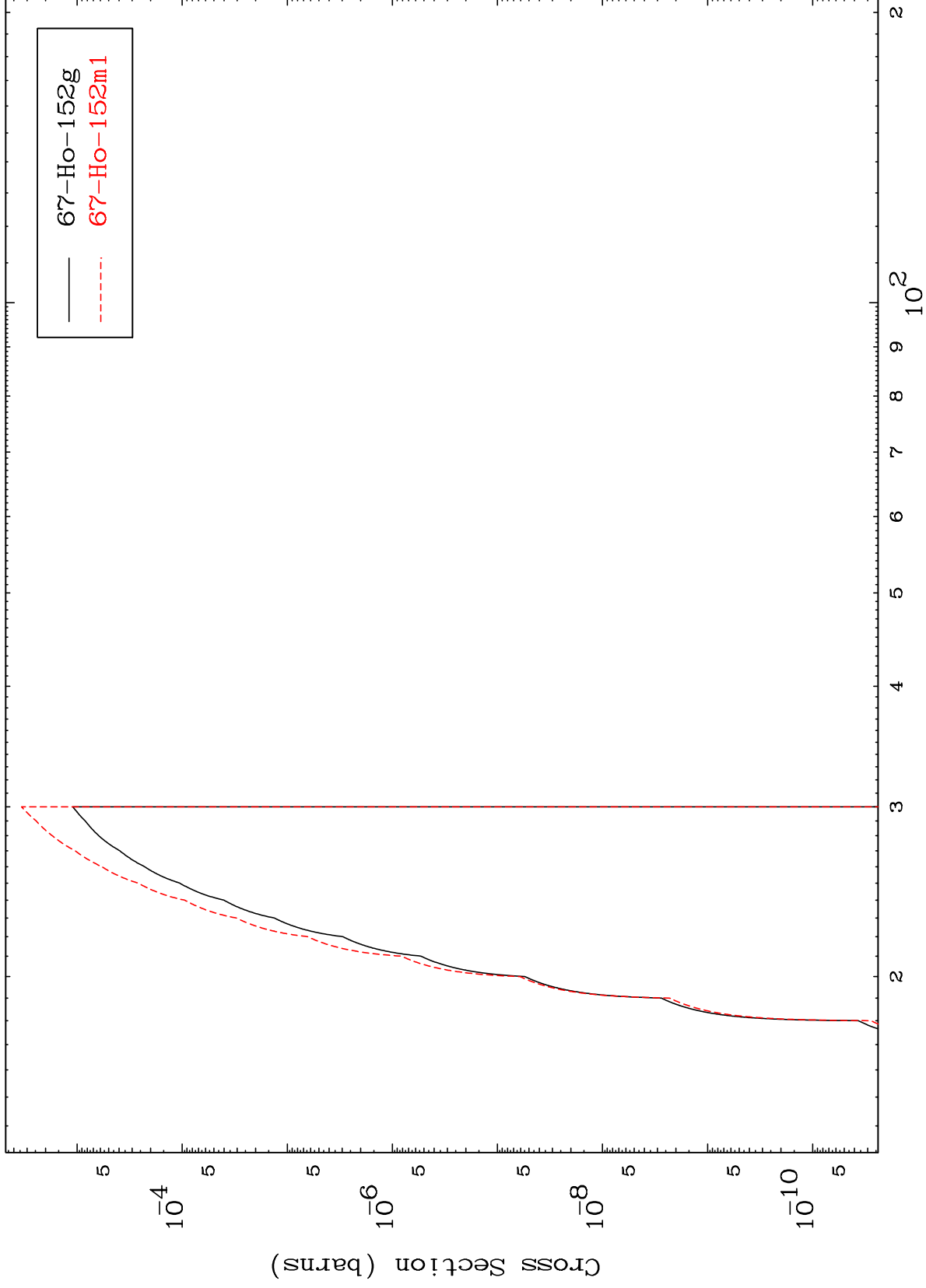
(n,n') d

68-Er-155



88

Radionuclide Production Cross Section

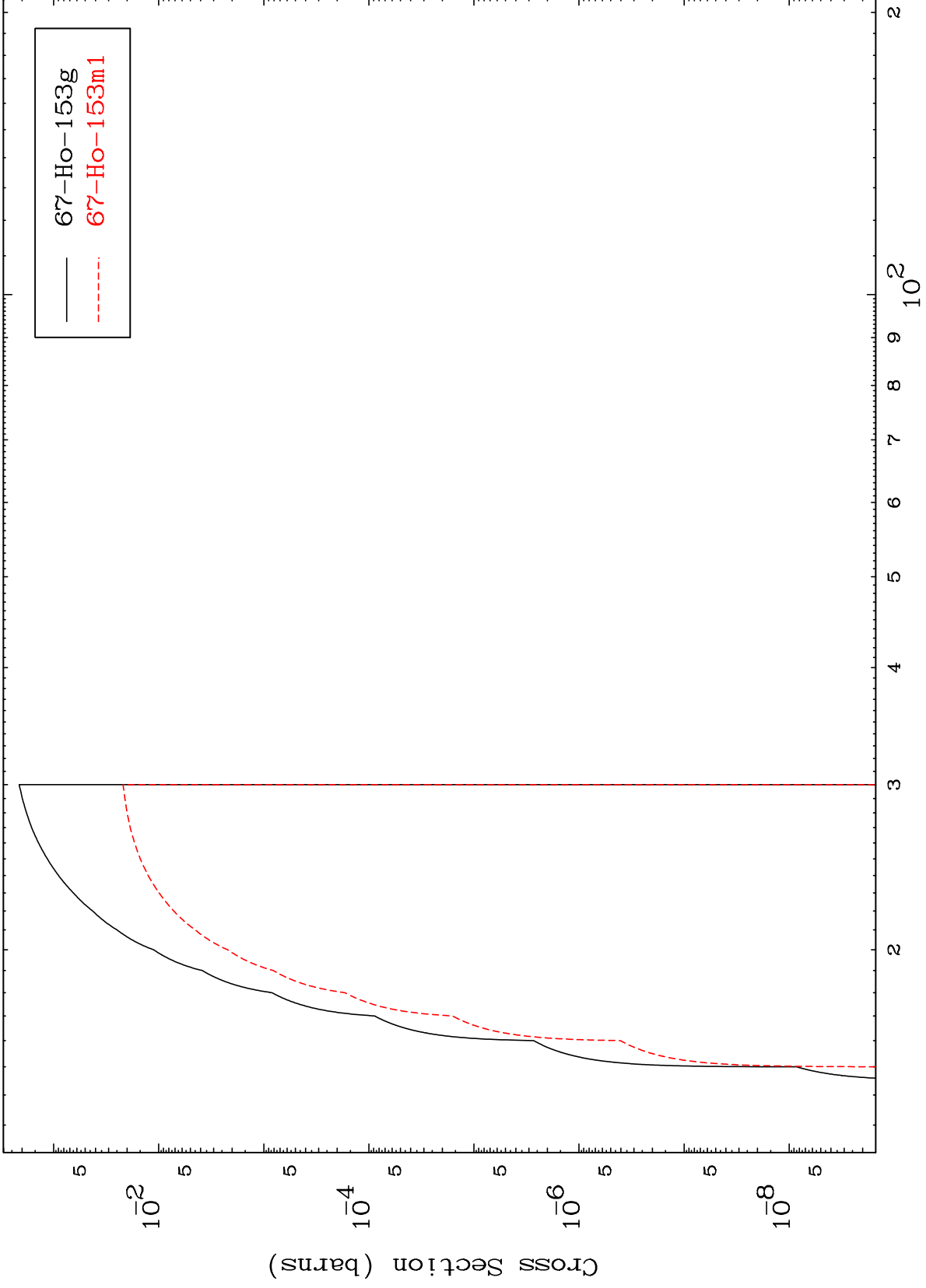


MAT 6804

(n,2n) p

68-Er-155

Radionuclide Production Cross Section

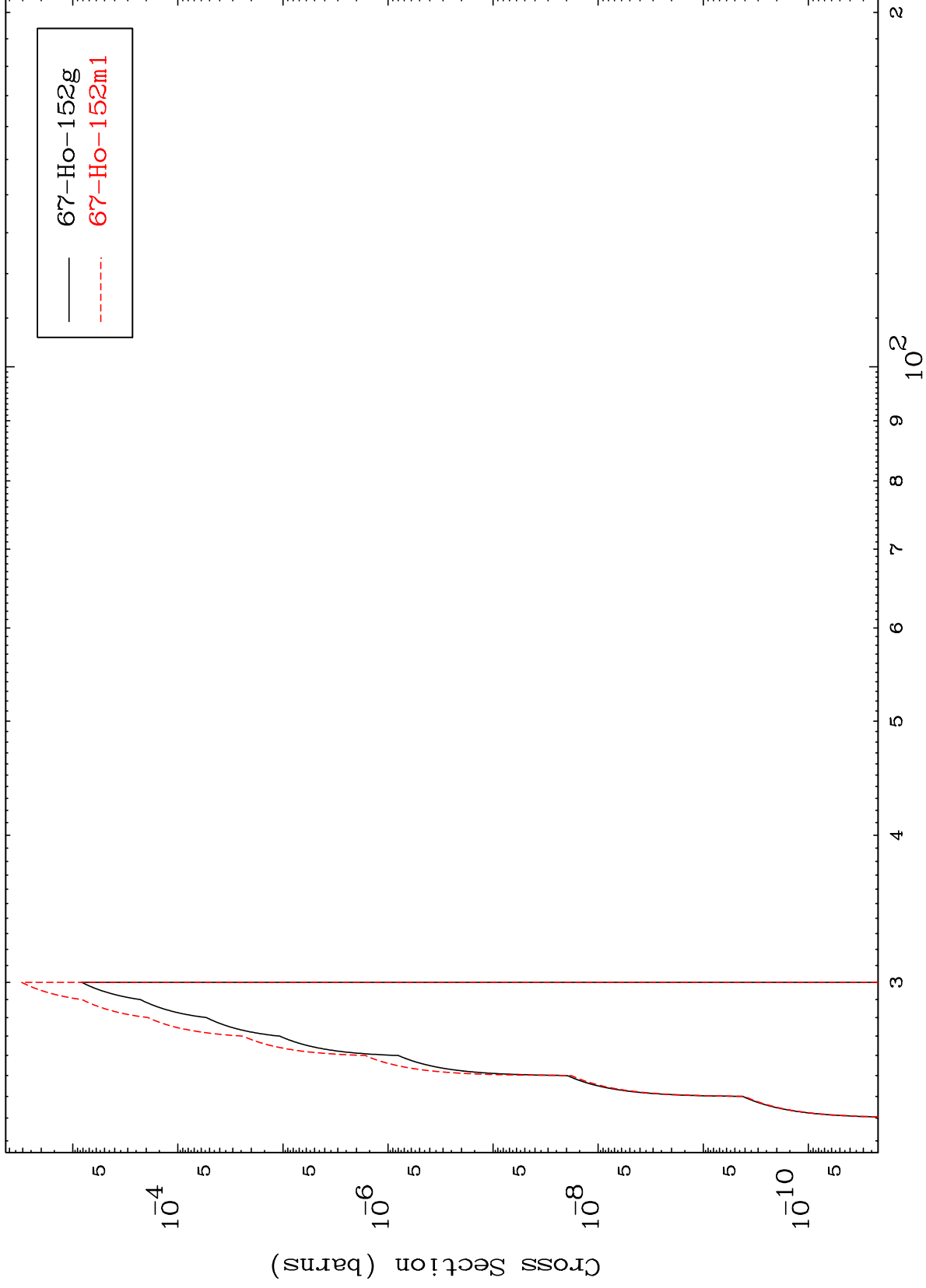


90

Incident Energy (MeV)

68-Er-155

Radionuclide Production Cross Section

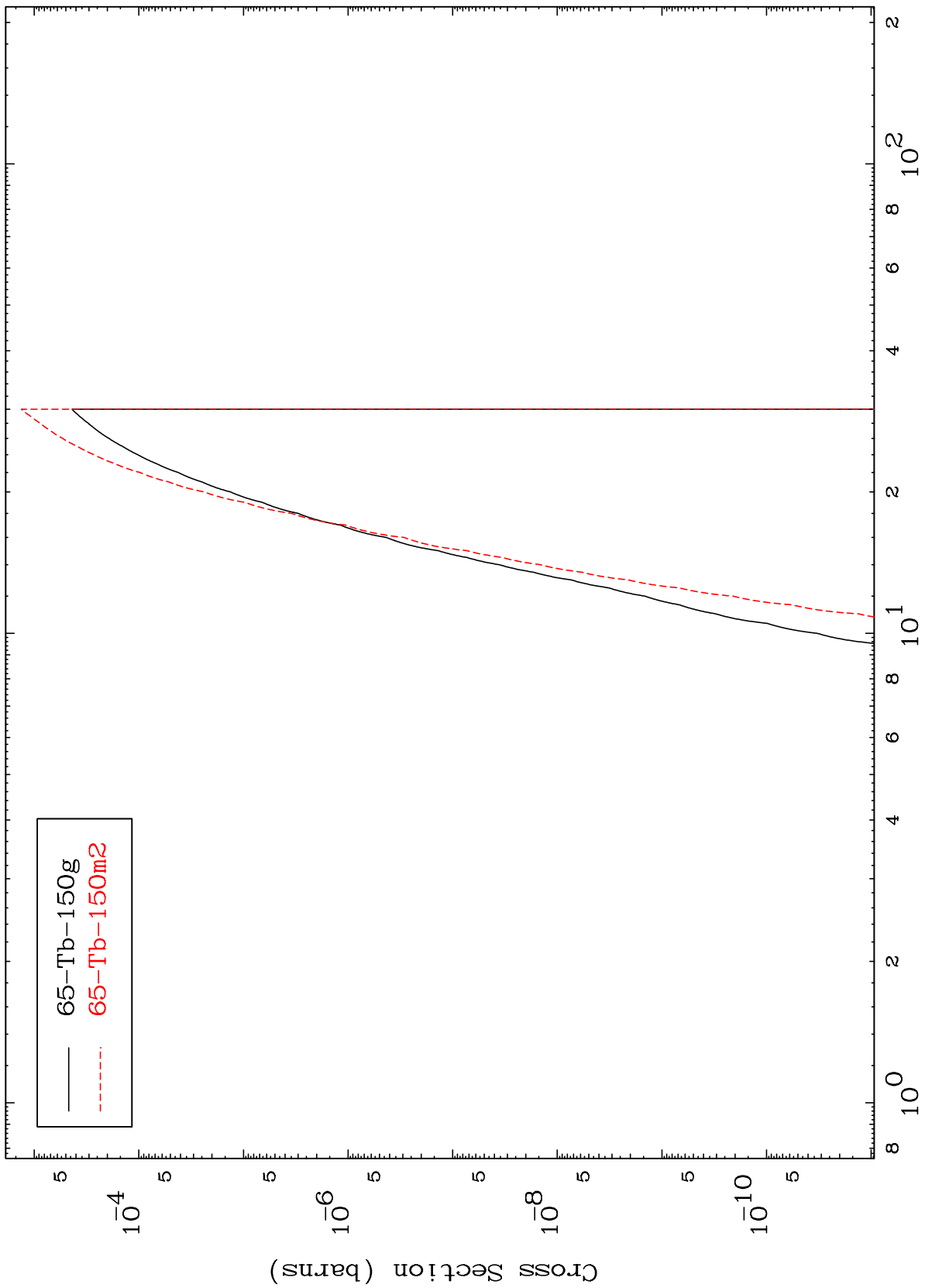


MAT 6804

(n,n') p α

68-Er-155

Radionuclide Production Cross Section



92

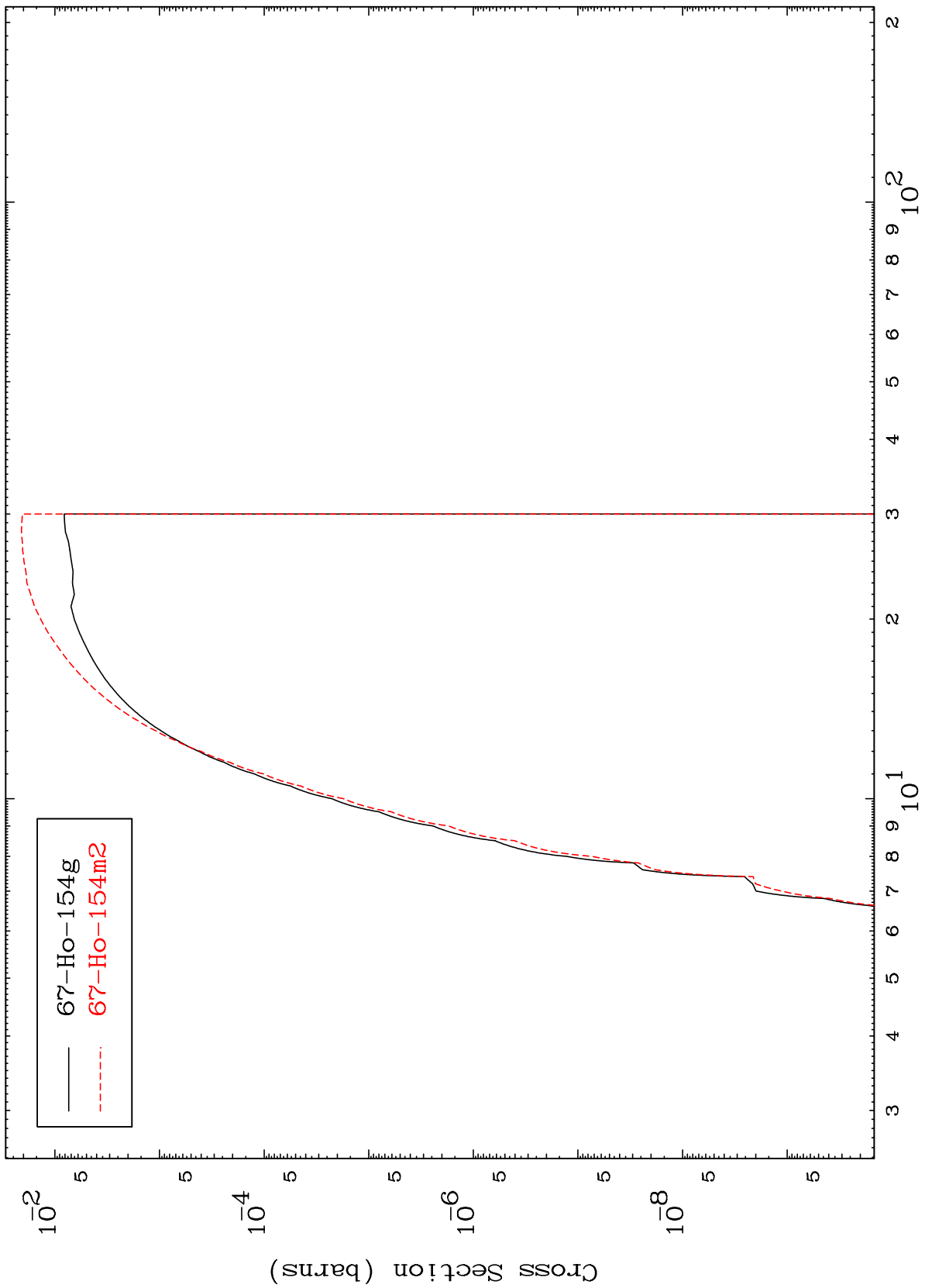
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

(n,d)
Radionuclide Production Cross Section



93

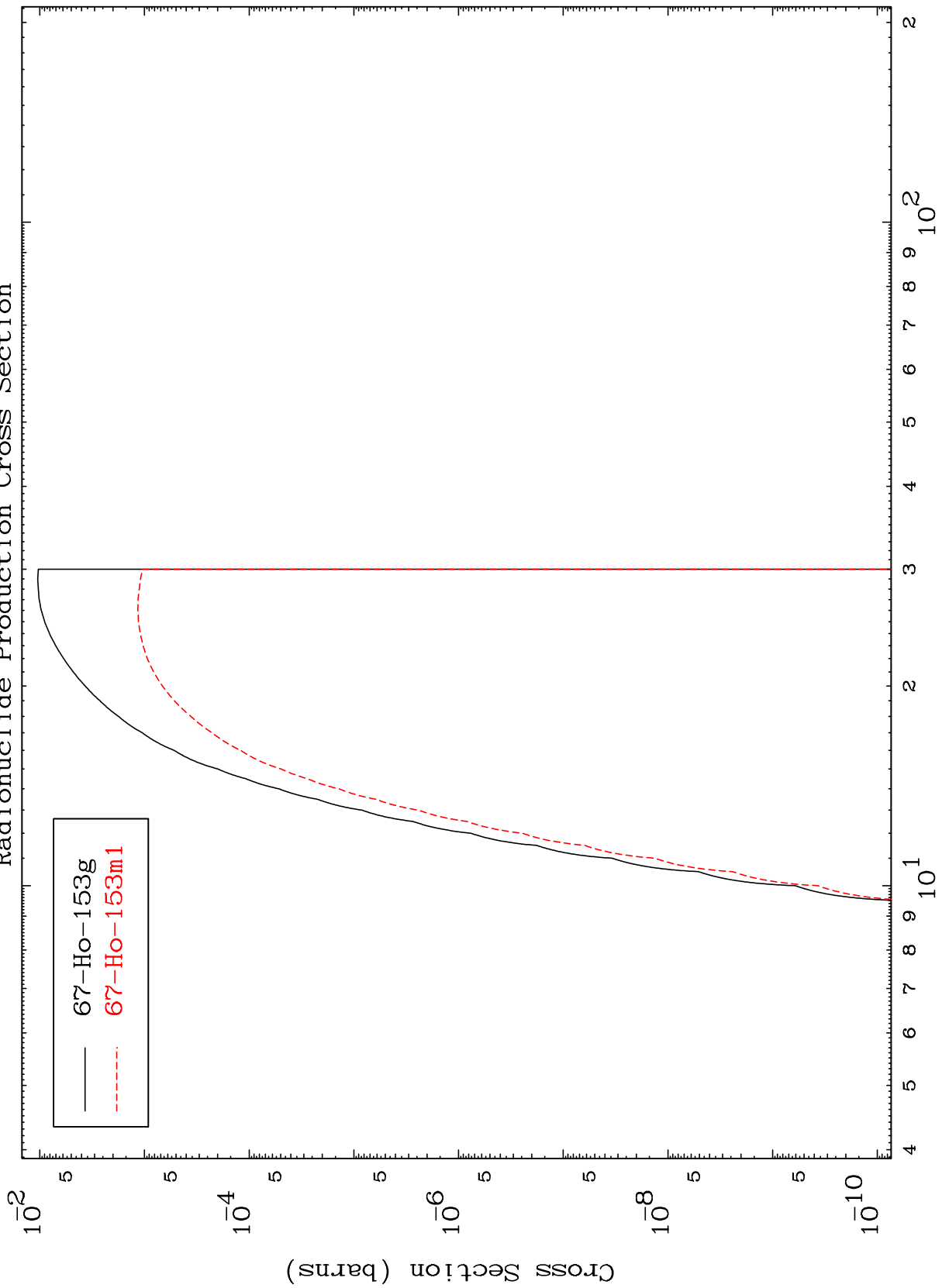
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

Radionuclide Production Cross Section (n, t)



— 67-Ho-153g
- - - 67-Ho-153m1

94

Incident Energy (MeV)

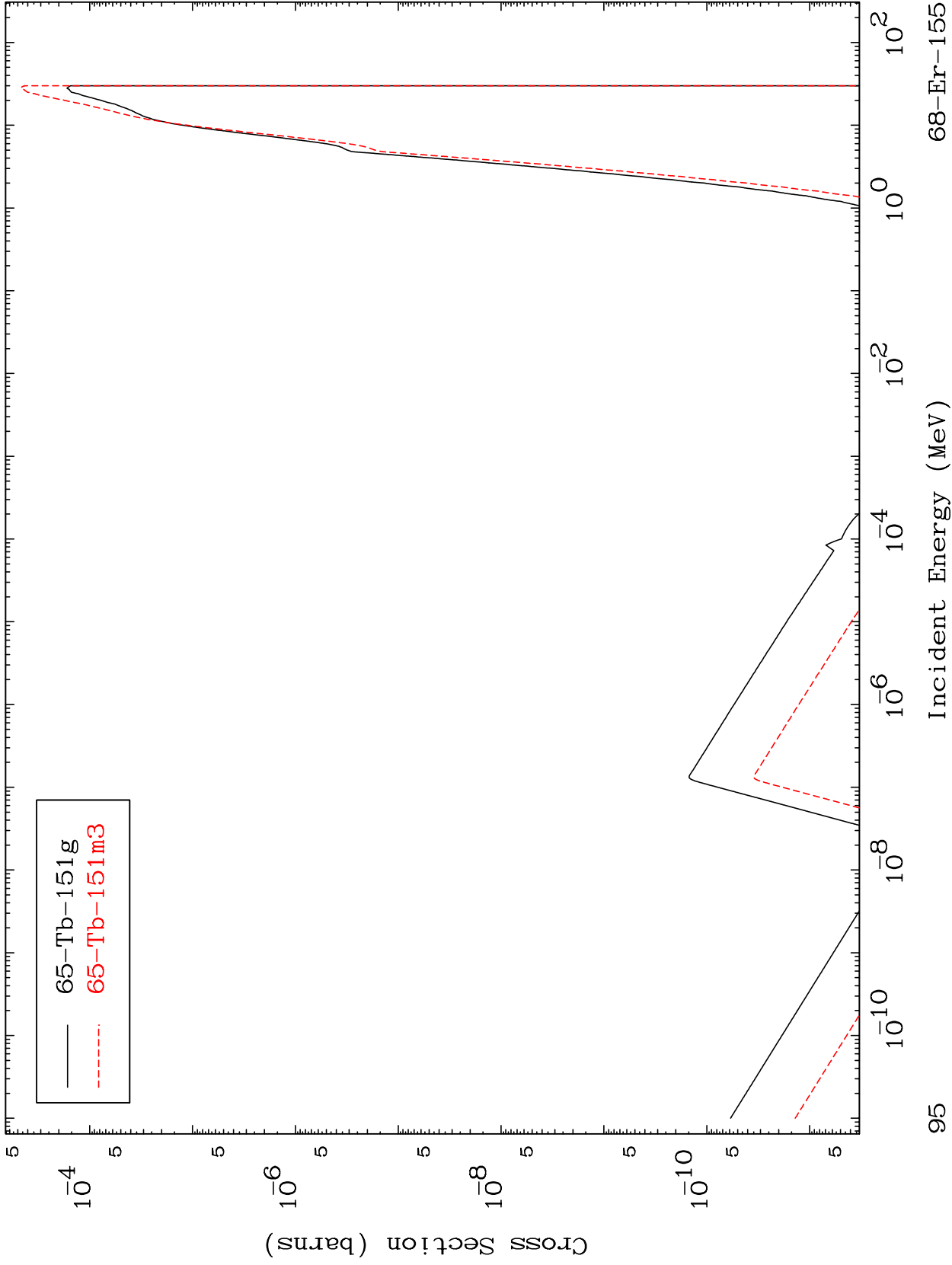
68-Er-155

MAT 6804

(n,p) α

68-Er-155

Radionuclide Production Cross Section

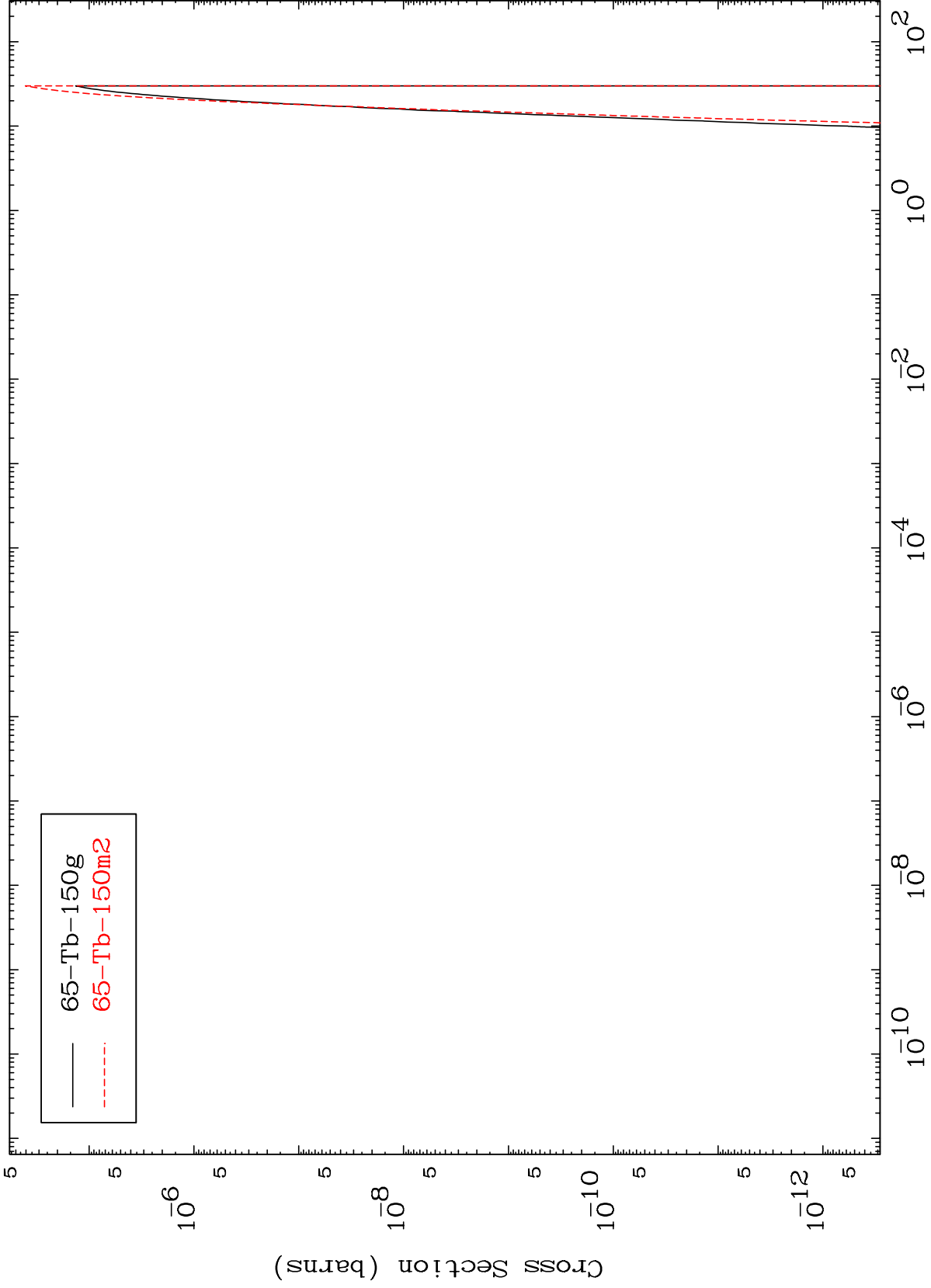


MAT 6804

(n,d) α

68-Er-155

Radionuclide Production Cross Section



96

Incident Energy (MeV)

68-Er-155