

Program EVALPLOT
(Version 2021-1)

by

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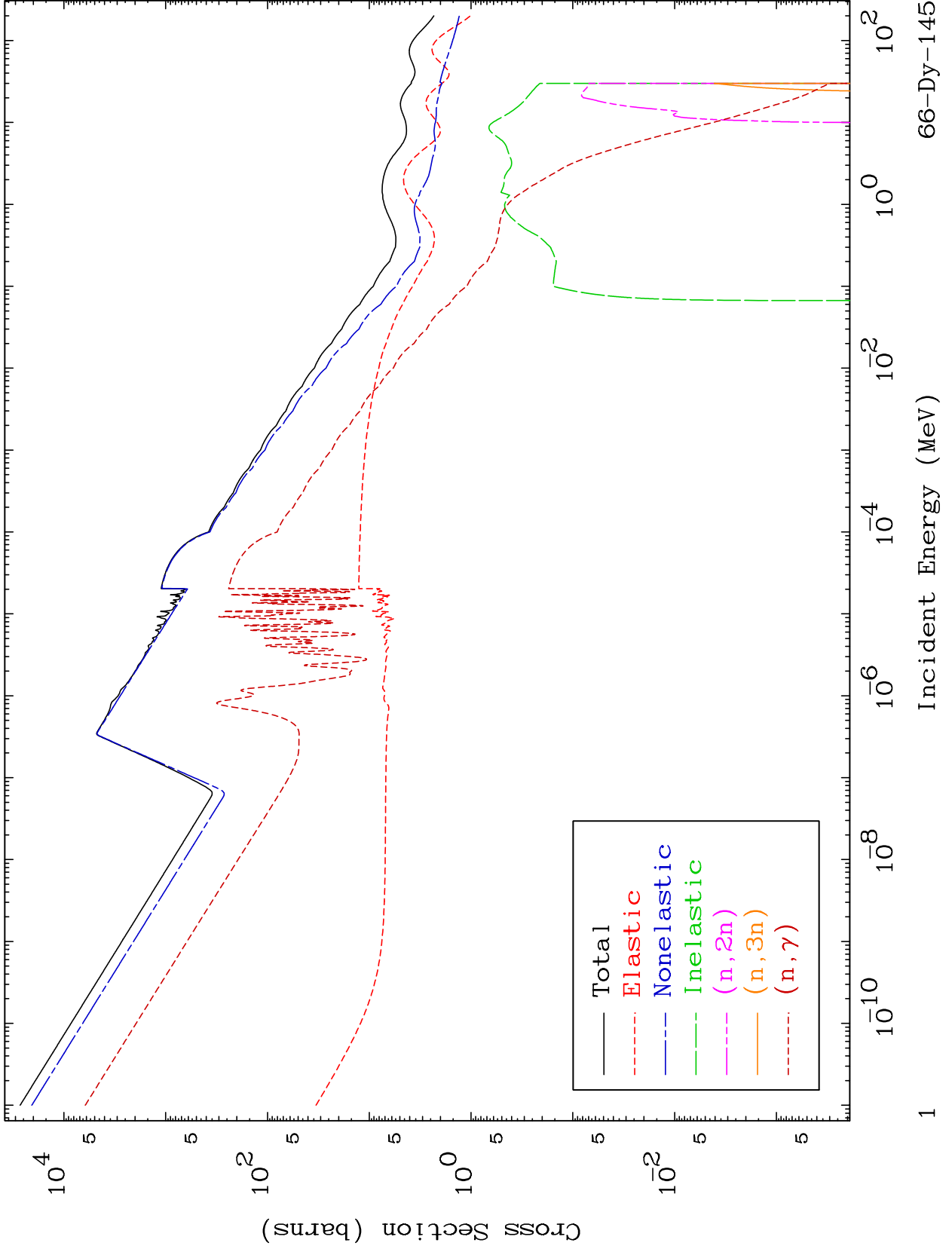
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Press Mouse Button to Start

MAT 6592

Neutron Major
293 Kelvin Cross Sections

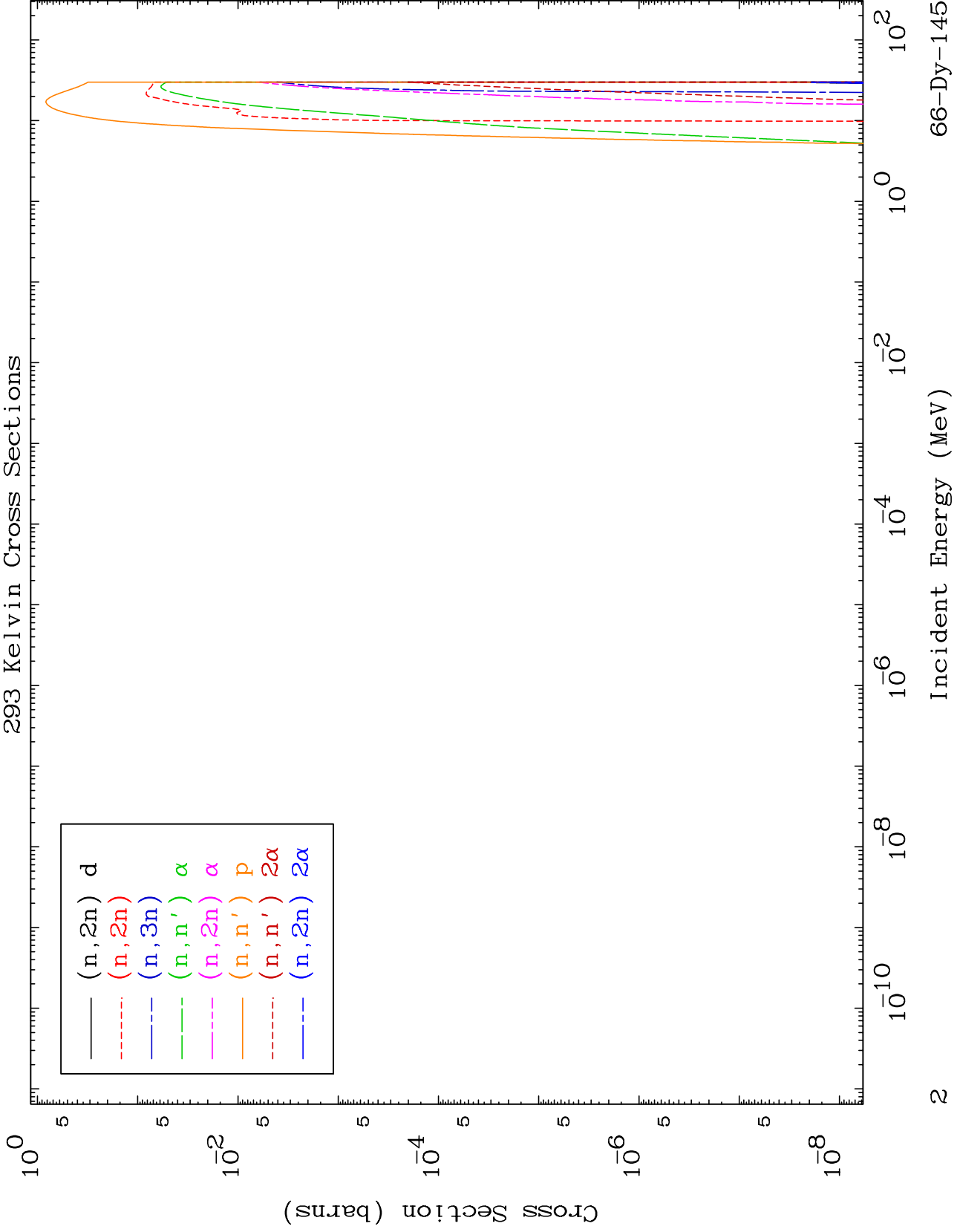
66-Dy-145



MAT 6592

Neutron Absorption
293 Kelvin Cross Sections

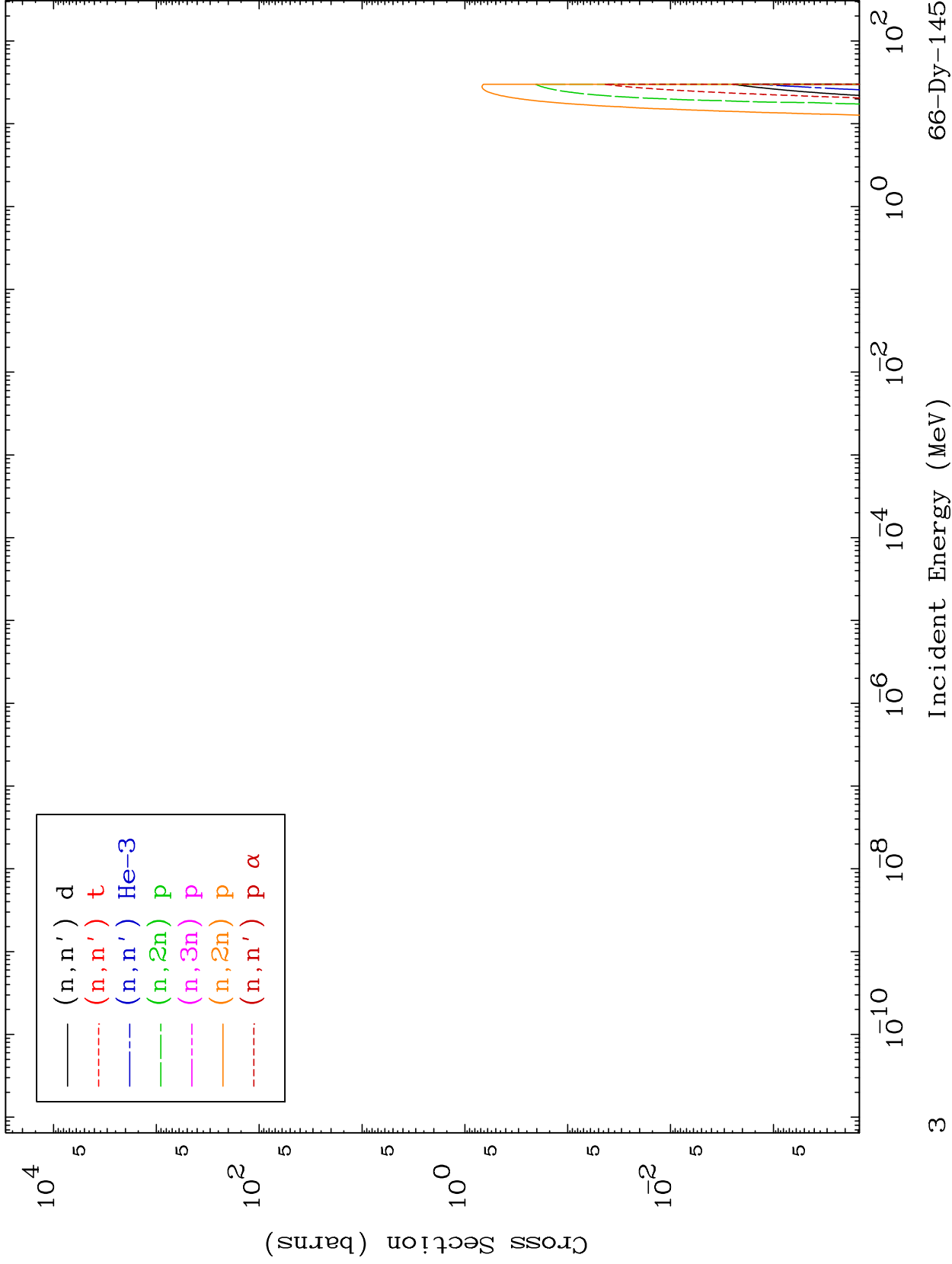
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MAT 6592

Neutron Absorption
293 Kelvin Cross Sections

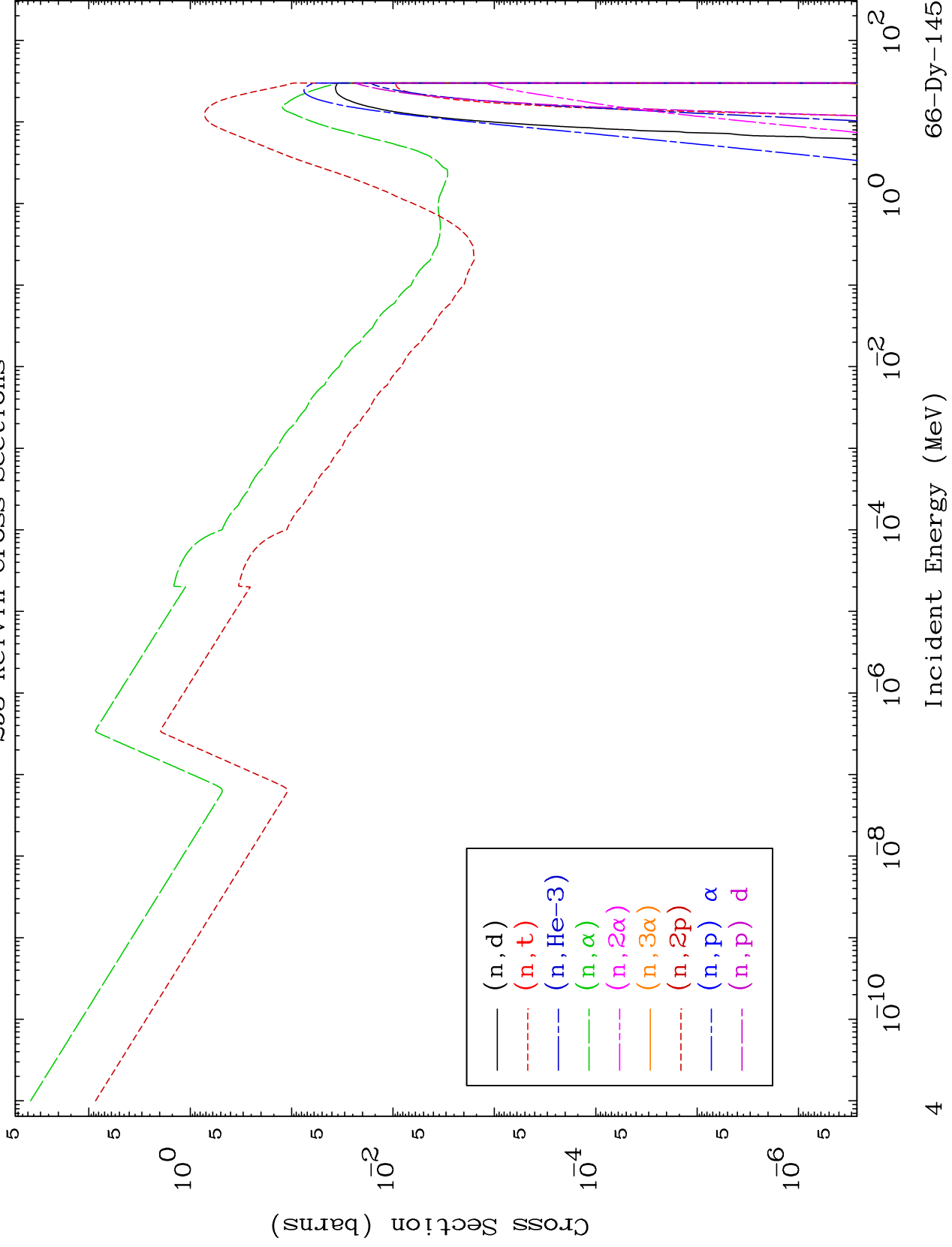
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MAT 6592

Neutron Absorption
293 Kelvin Cross Sections

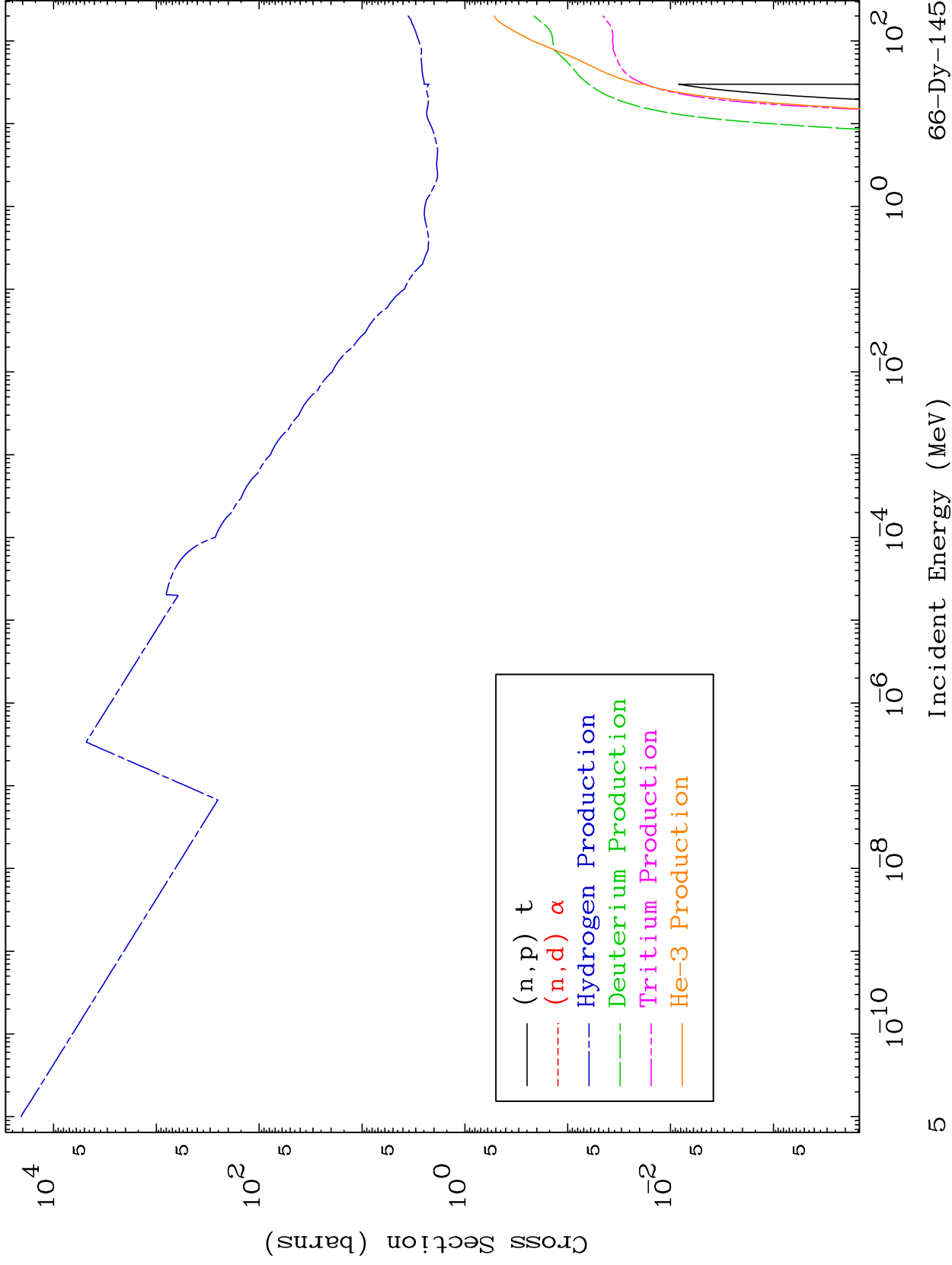
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MAT 6592

Neutron Absorption
293 Kelvin Cross Sections

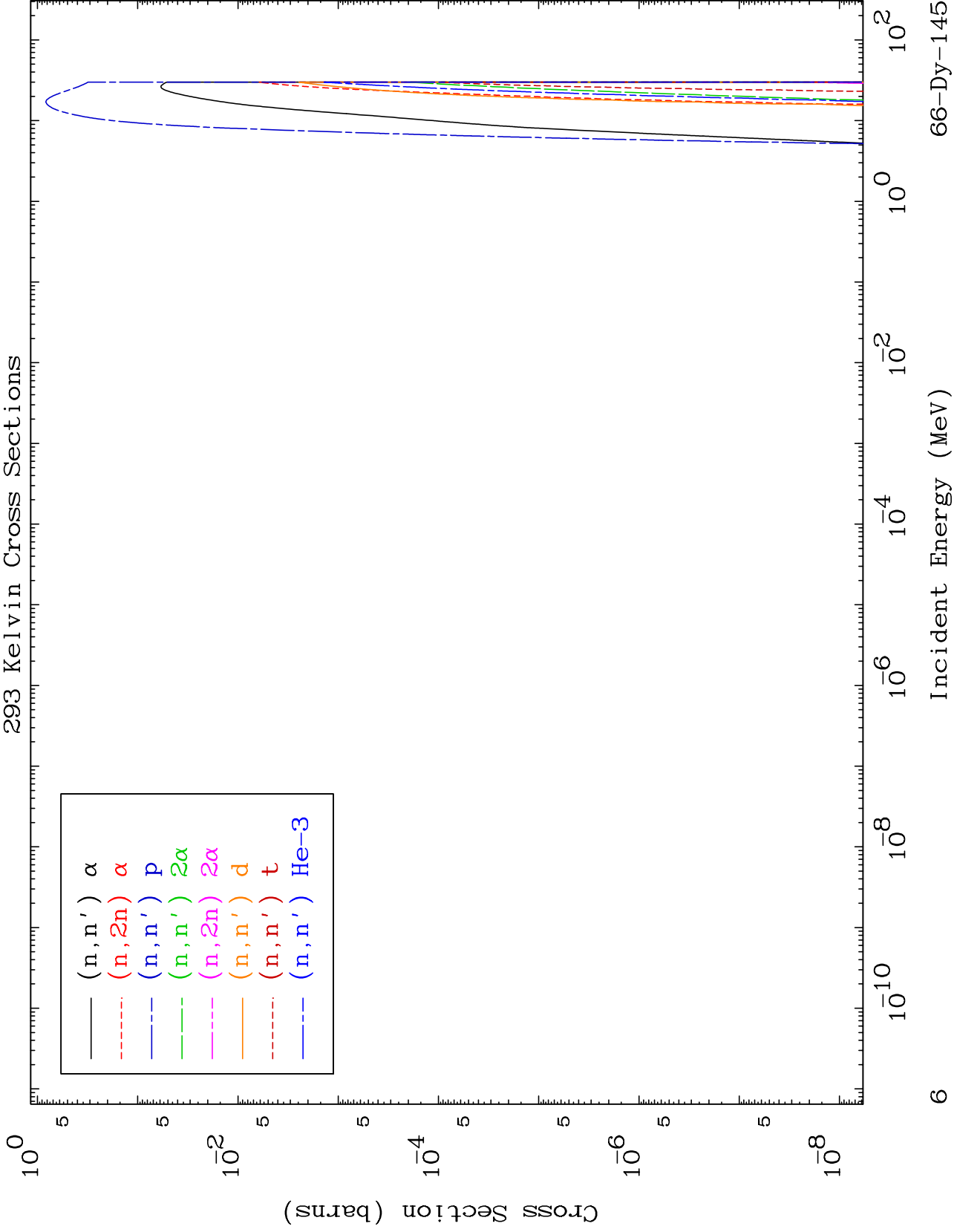
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MAT 6592

Charged Particle
293 Kelvin Cross Sections

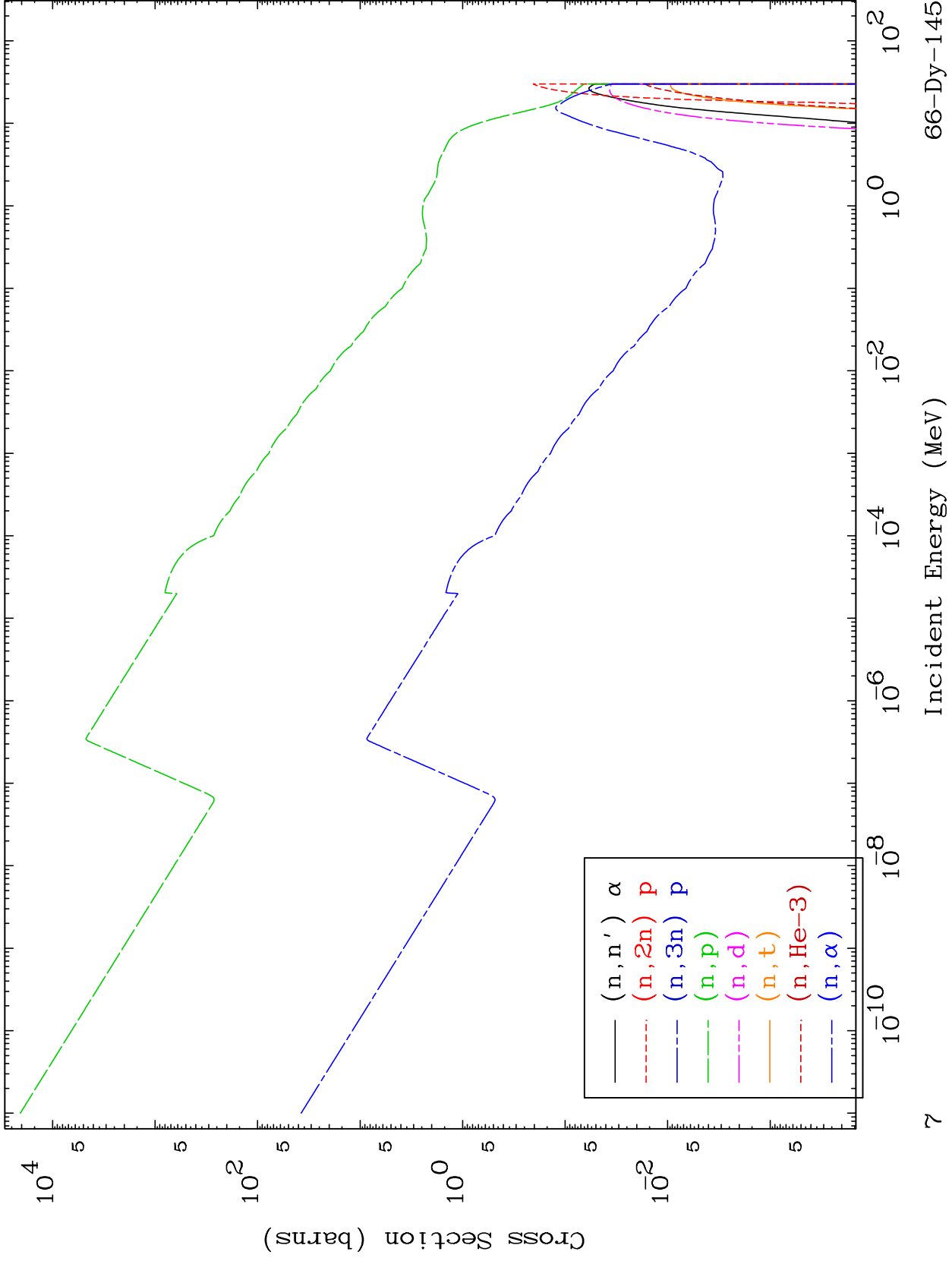
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MAT 6592

Charged Particle
293 Kelvin Cross Sections

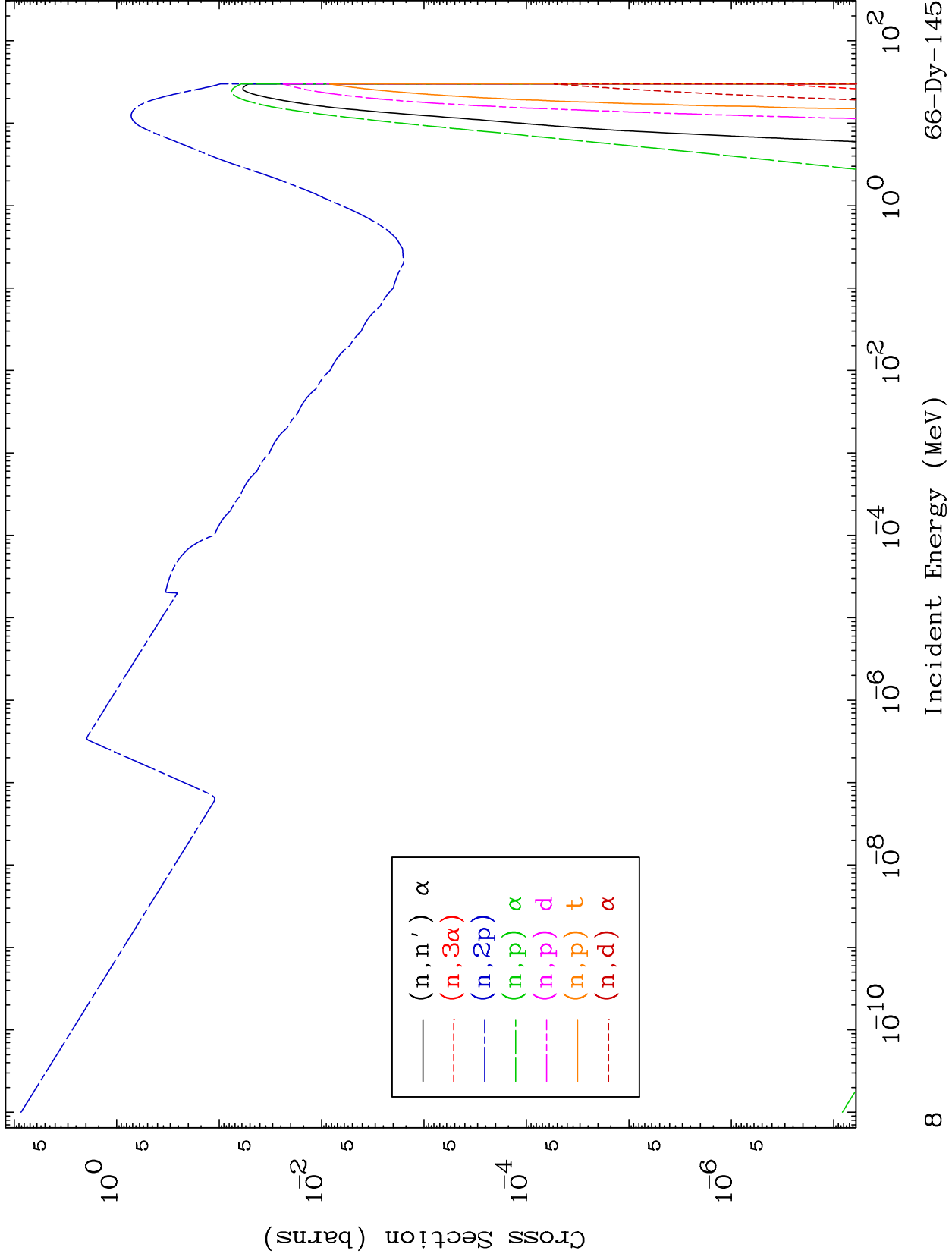
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MAT 6592

Charged Particle
293 Kelvin Cross Sections

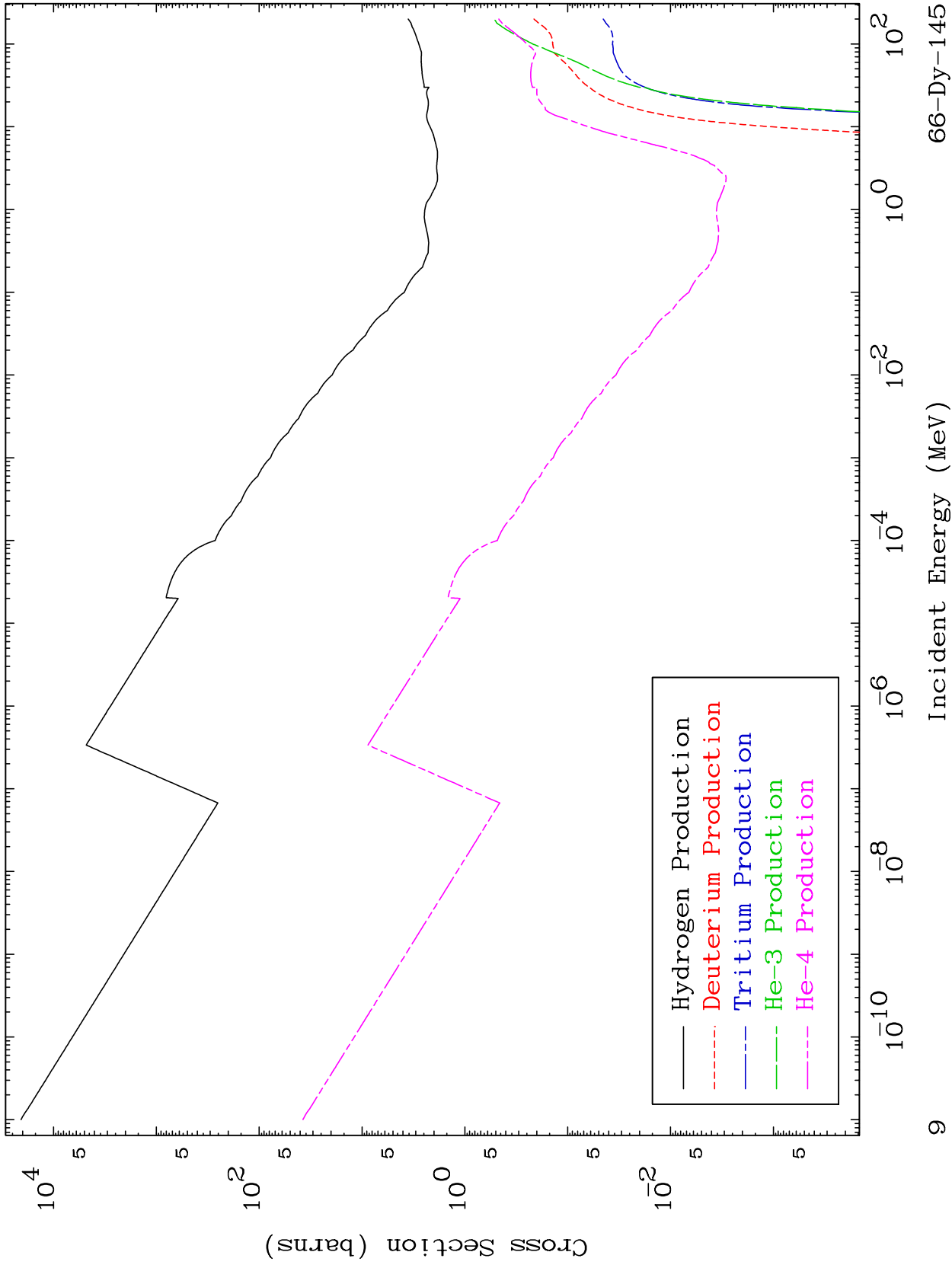
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MAT 6592

Particle Production
293 Kelvin Cross Sections

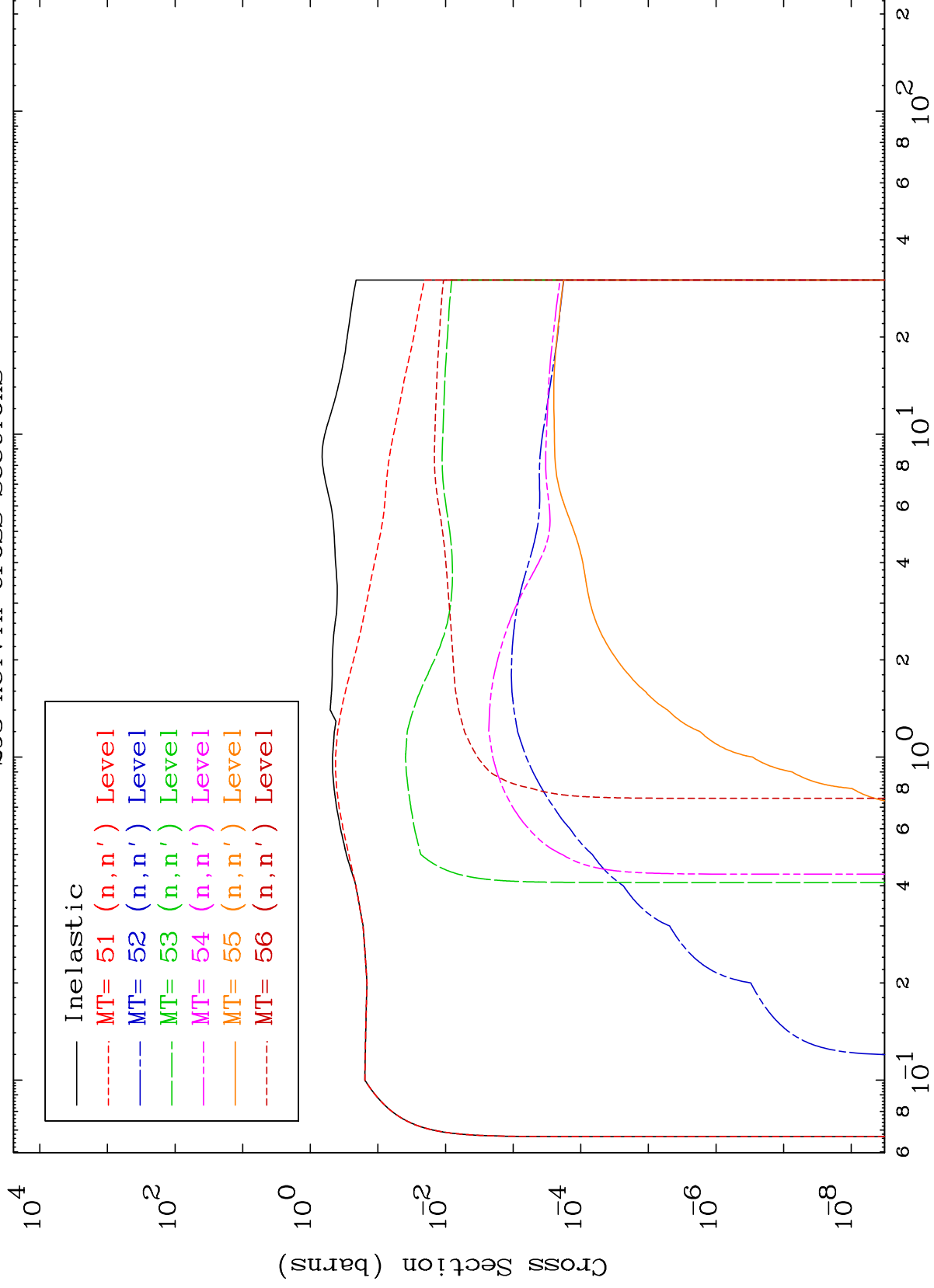
66-Dy-145



MAT 6592

(n,n') Levels
293 Kelvin Cross Sections

66-Dy-145



10

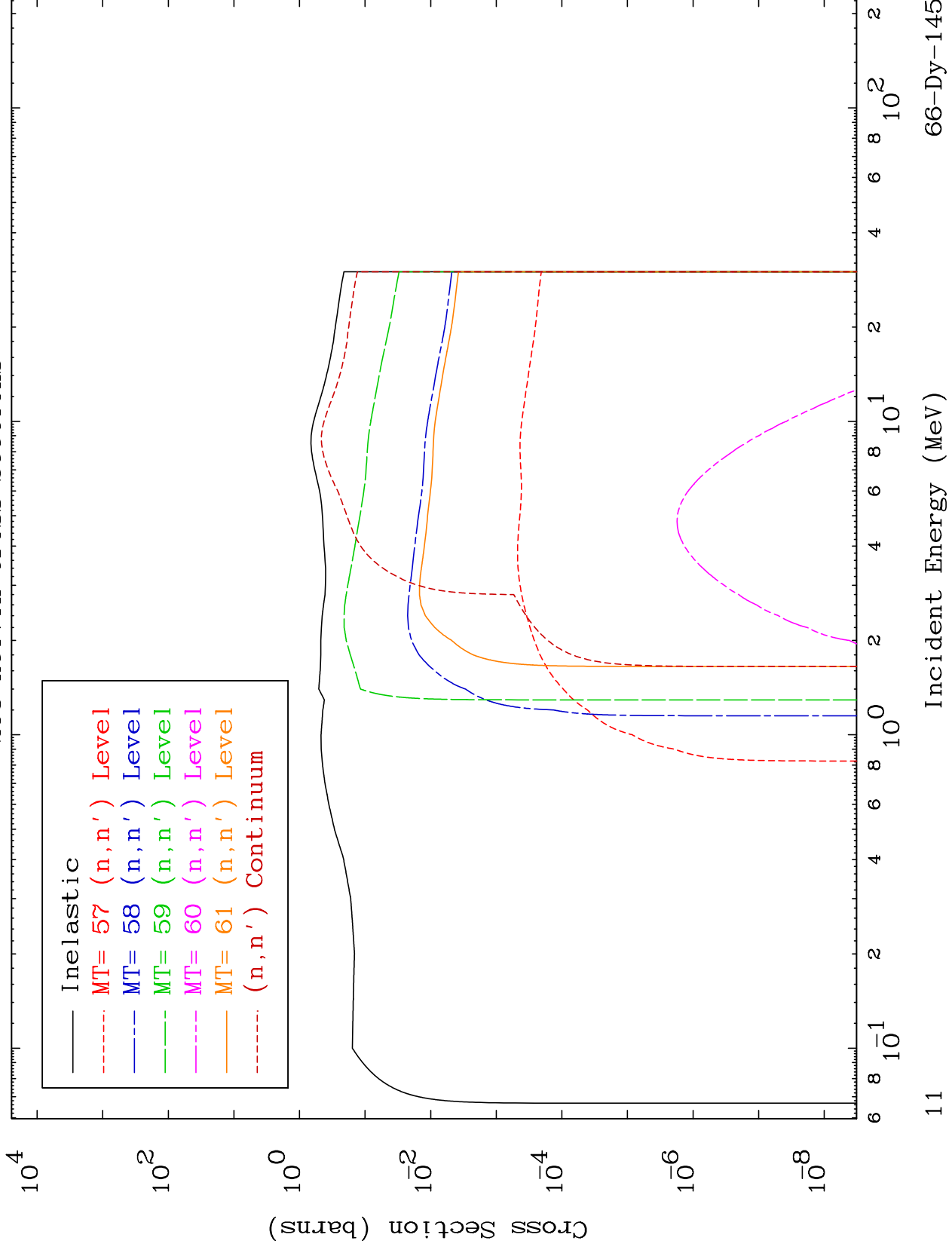
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,n') Levels
293 Kelvin Cross Sections

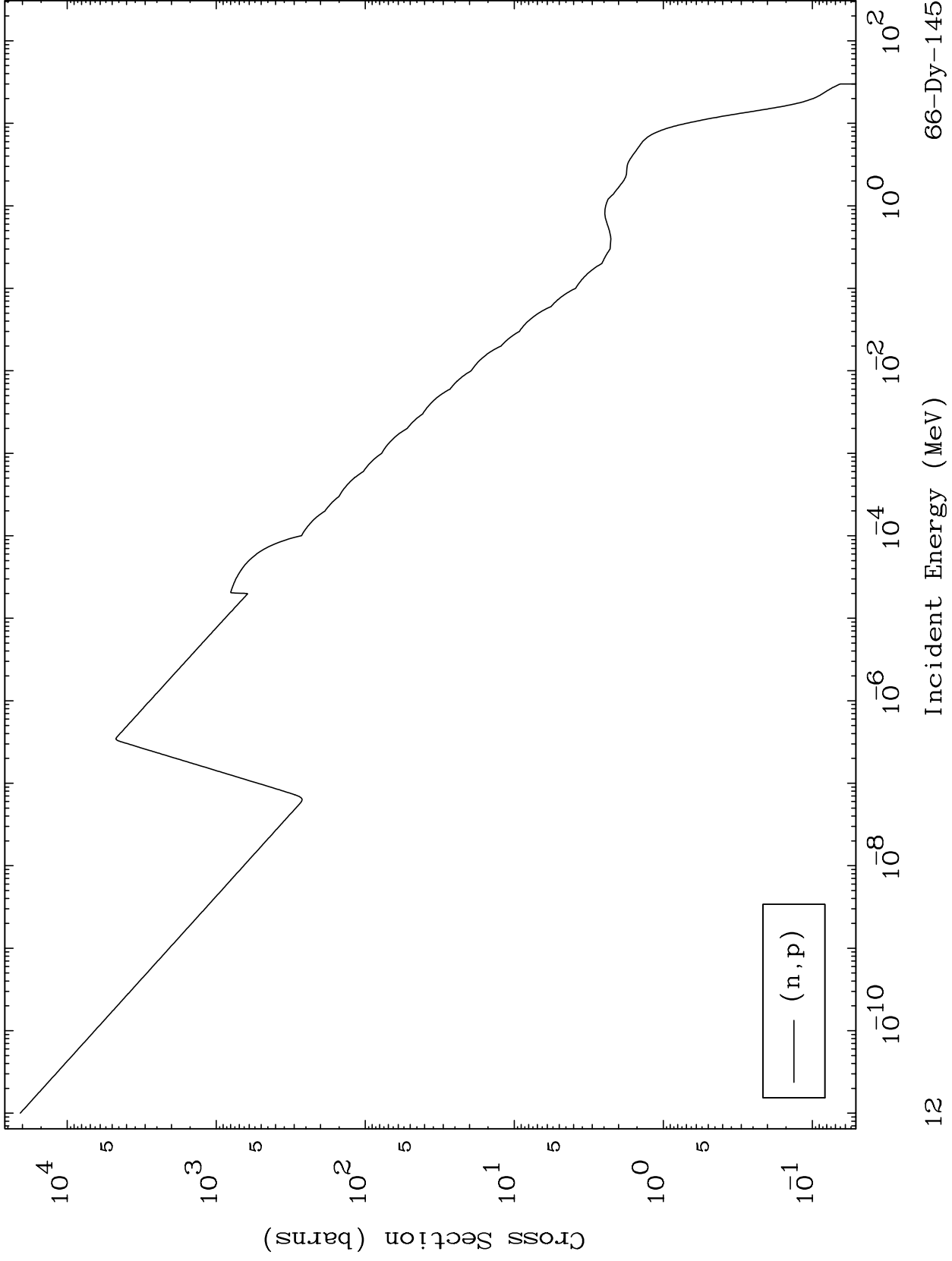
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MAT 6592

(n,p) Levels
293 Kelvin Cross Sections

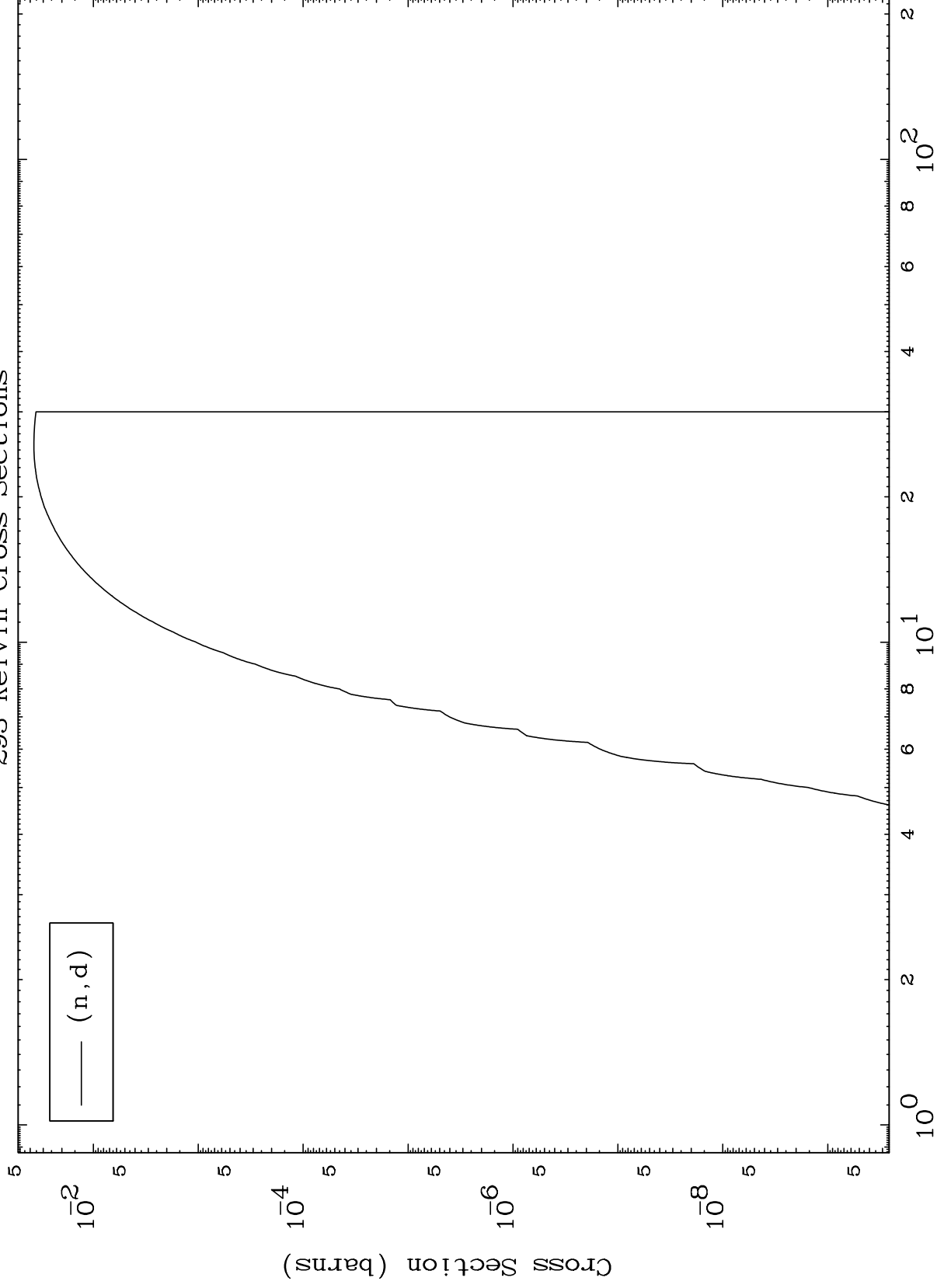
66-Dy-145



MAT 6592

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-145



13

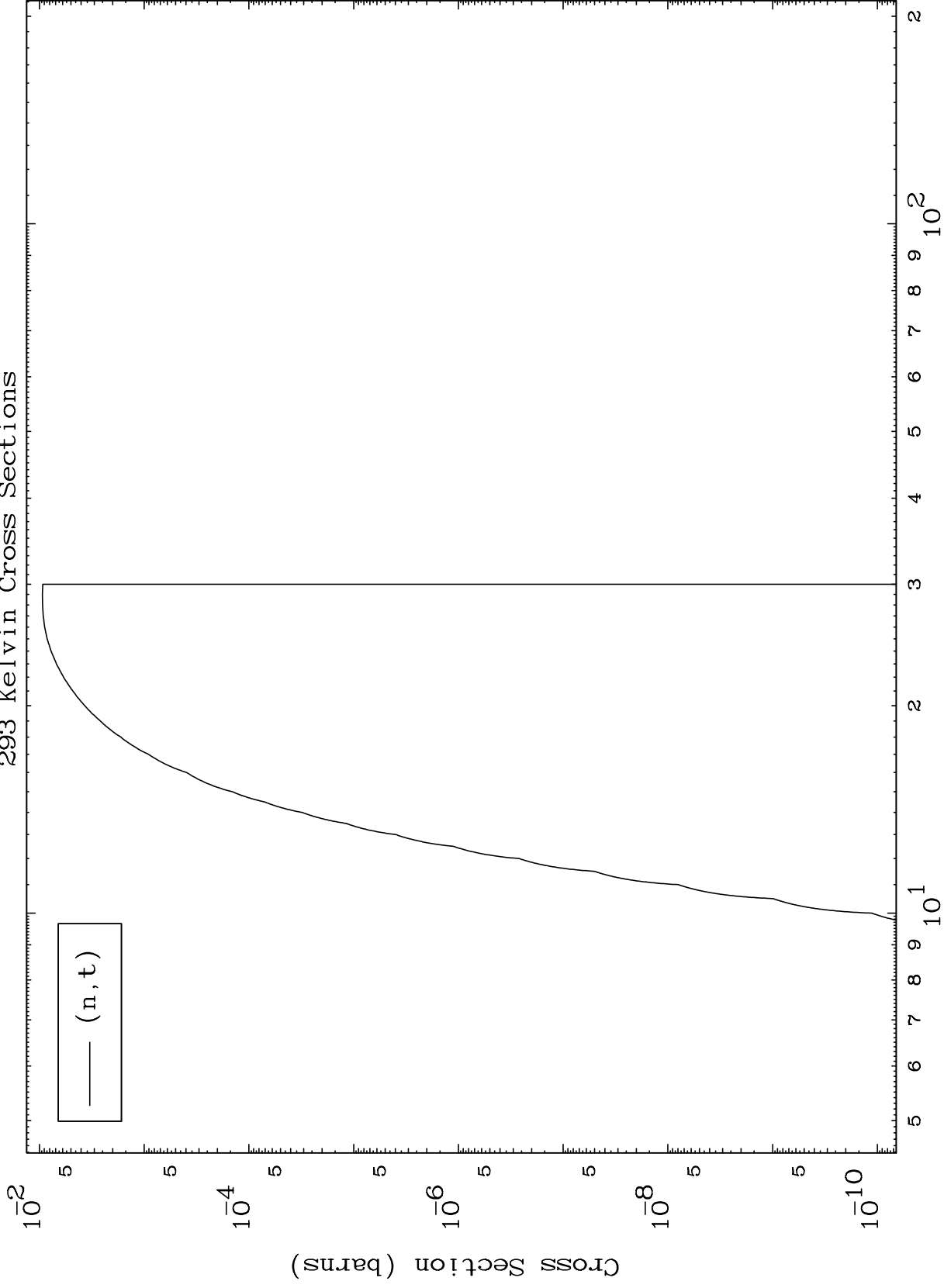
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-145



14

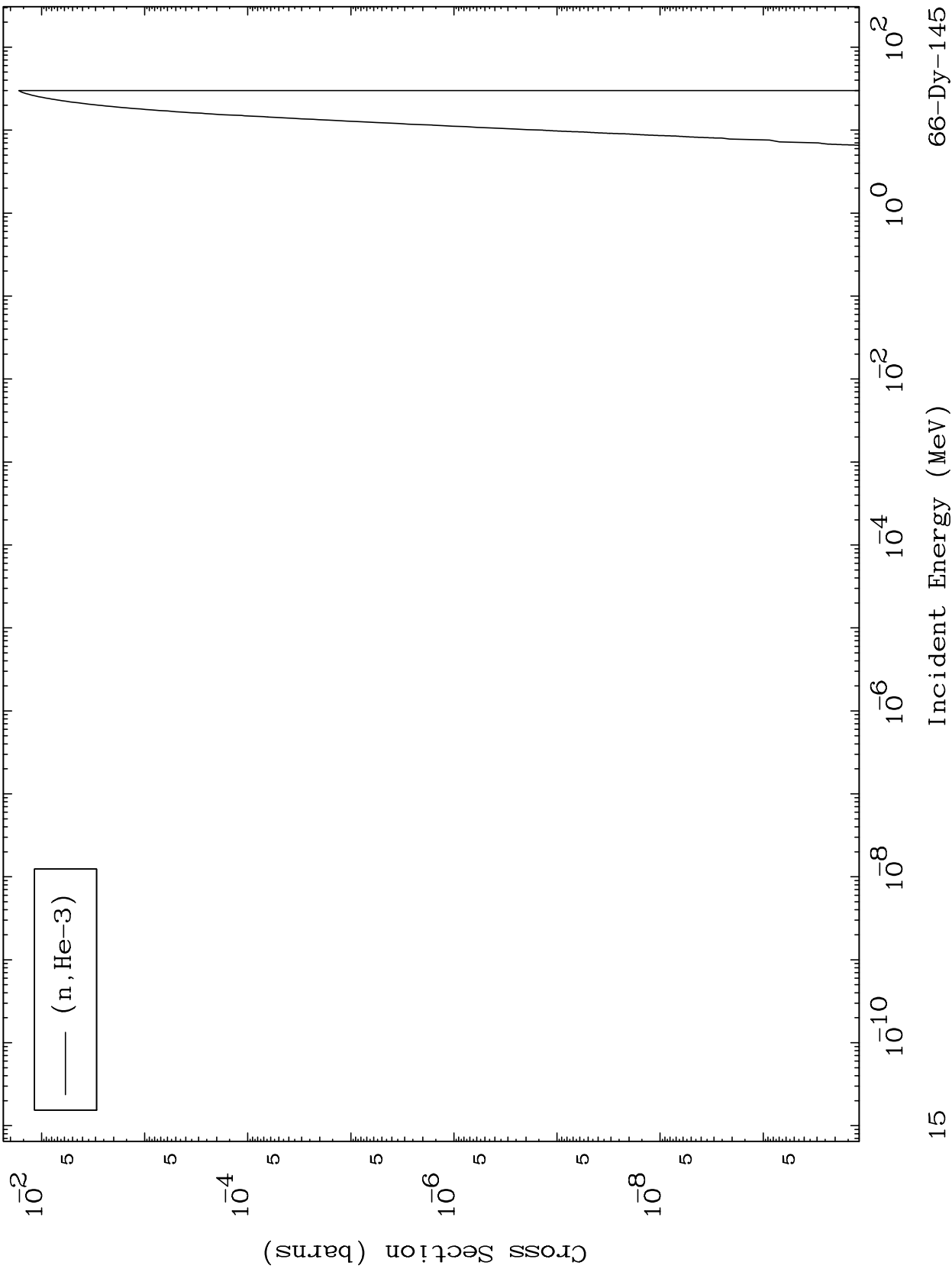
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,He3) Levels
293 Kelvin Cross Sections

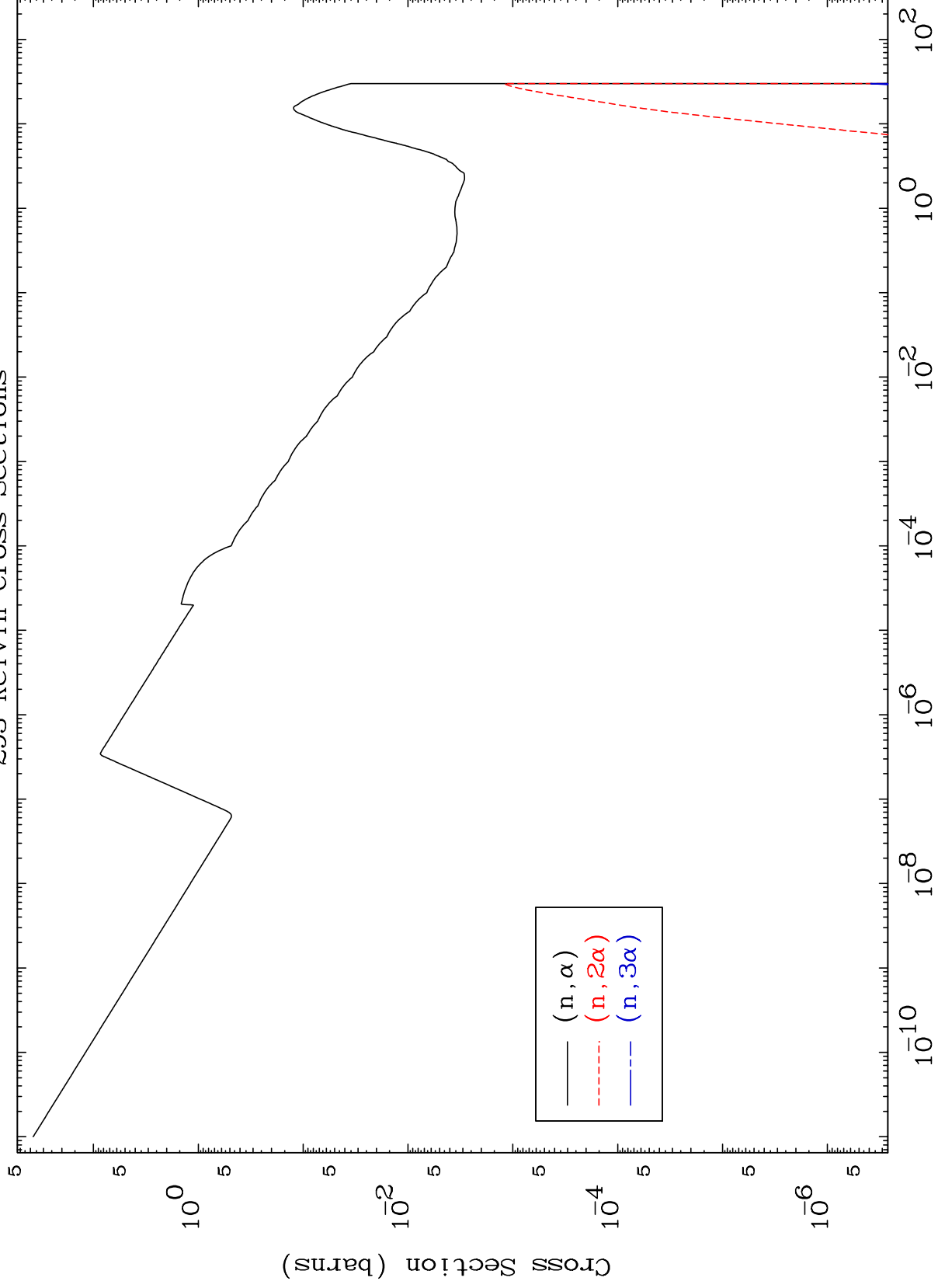
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MAT 6592

(n, α) Levels
293 Kelvin Cross Sections

66-Dy-145



16

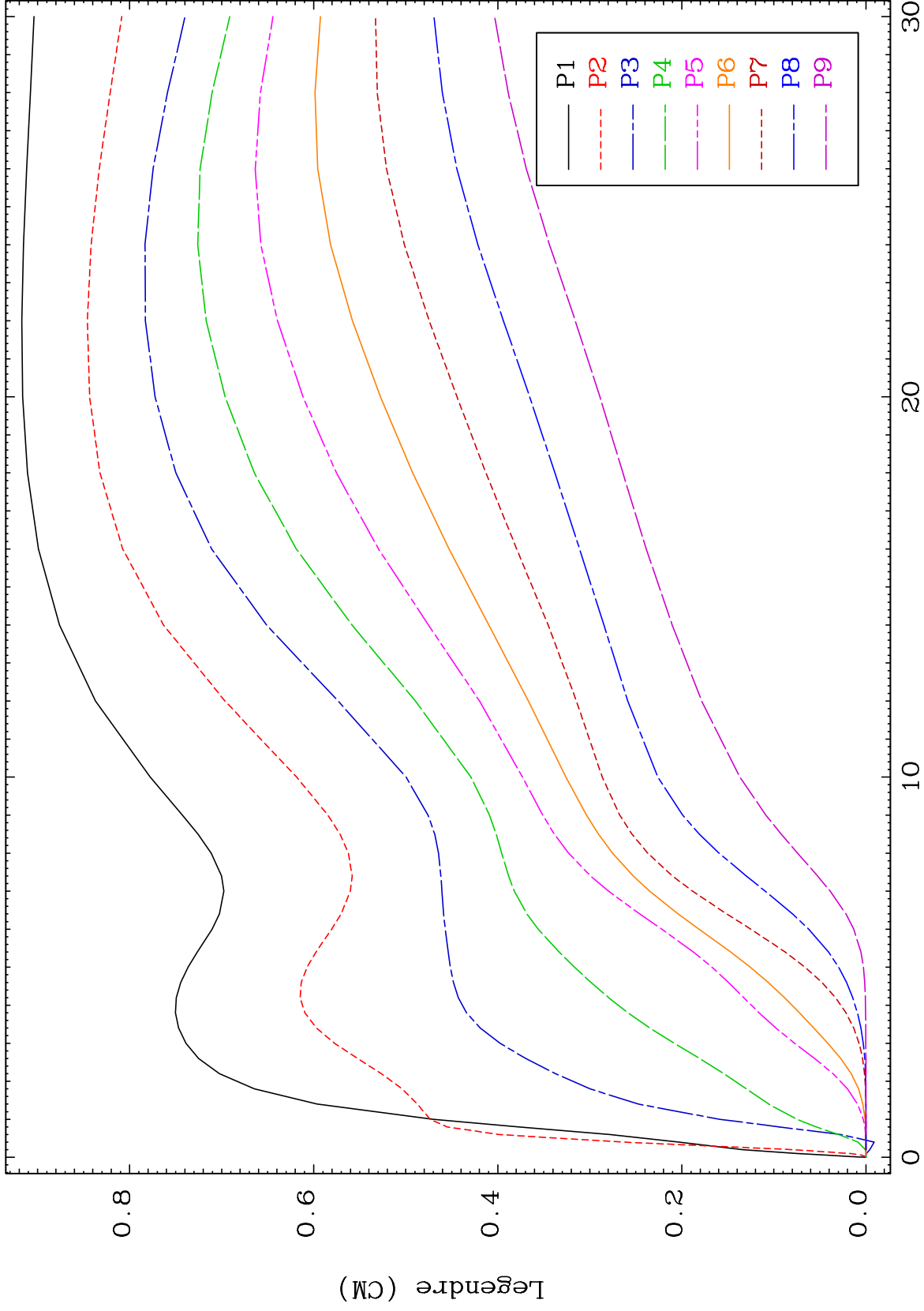
Incident Energy (MeV)

66-Dy-145

MAT 6592

Elastic Legendre Coefficients

66-Dy-145



17

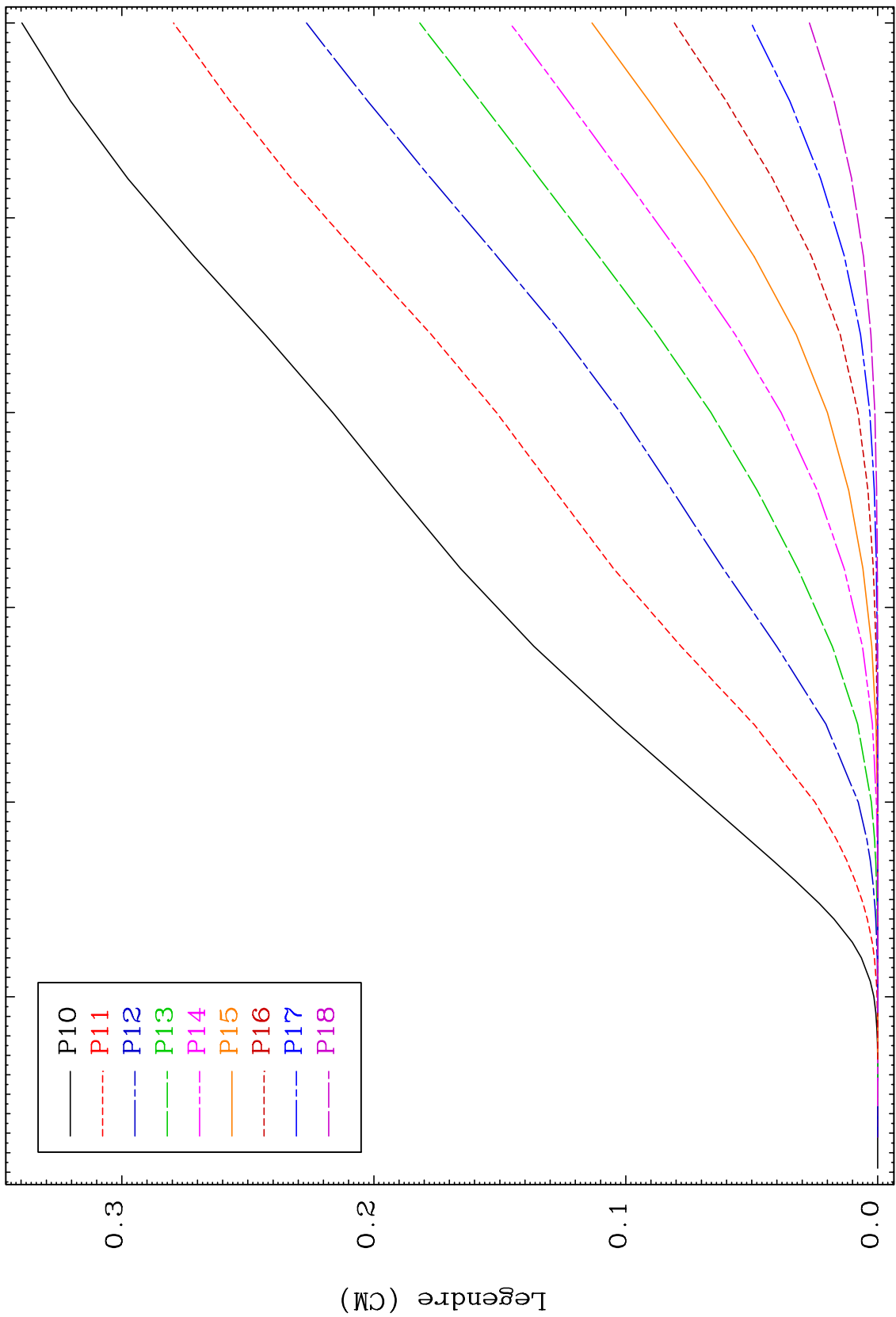
Incident Energy (MeV)

66-Dy-145

MAT 6592

Elastic Legendre Coefficients

66-Dy-145



18

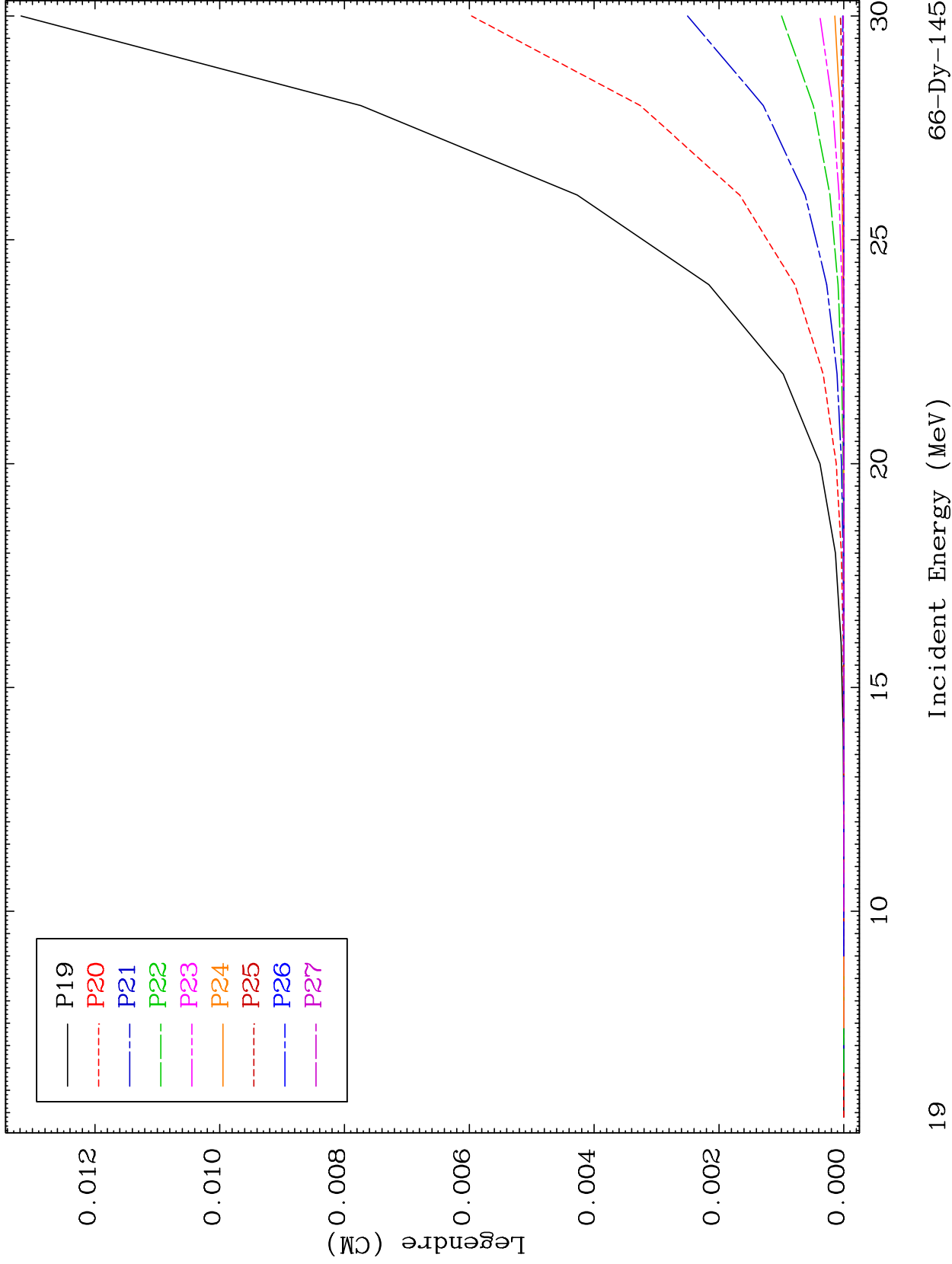
Incident Energy (MeV)

66-Dy-145

MAT 6592

Elastic Legendre Coefficients

66-Dy-145



19

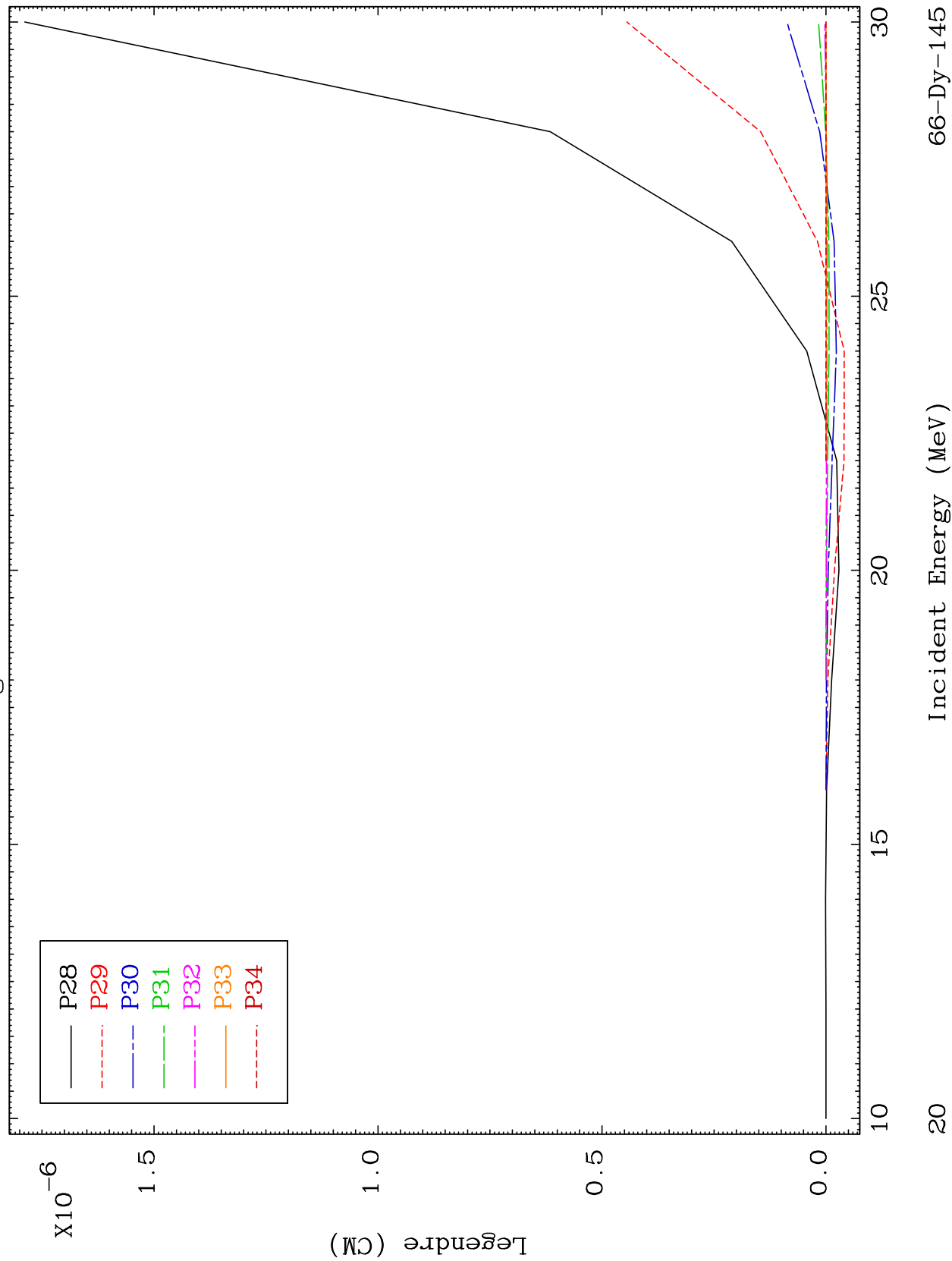
Incident Energy (MeV)

66-Dy-145

MAT 6592

Elastic Legendre Coefficients

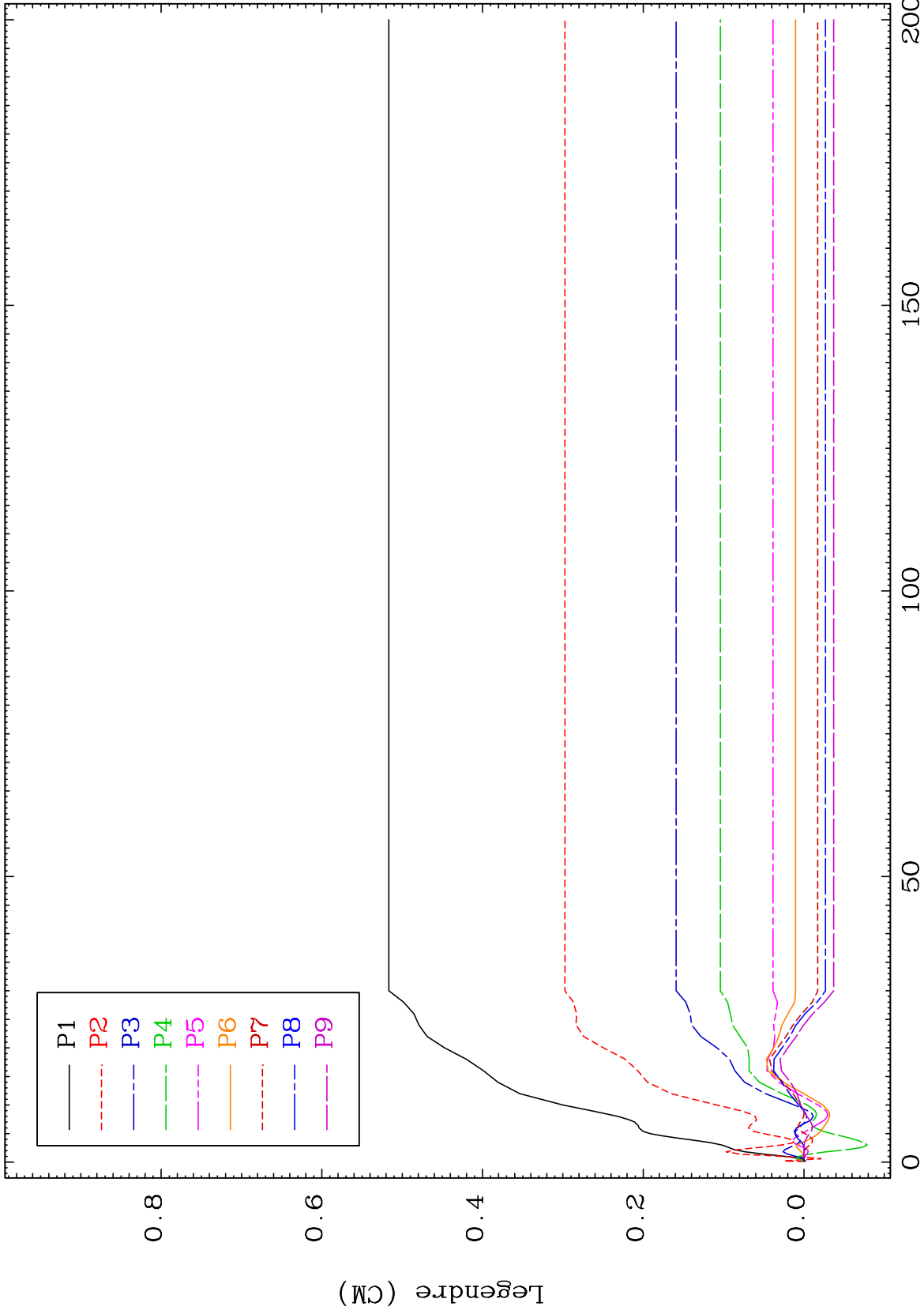
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MAT 6592

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

66-Dy-145



21

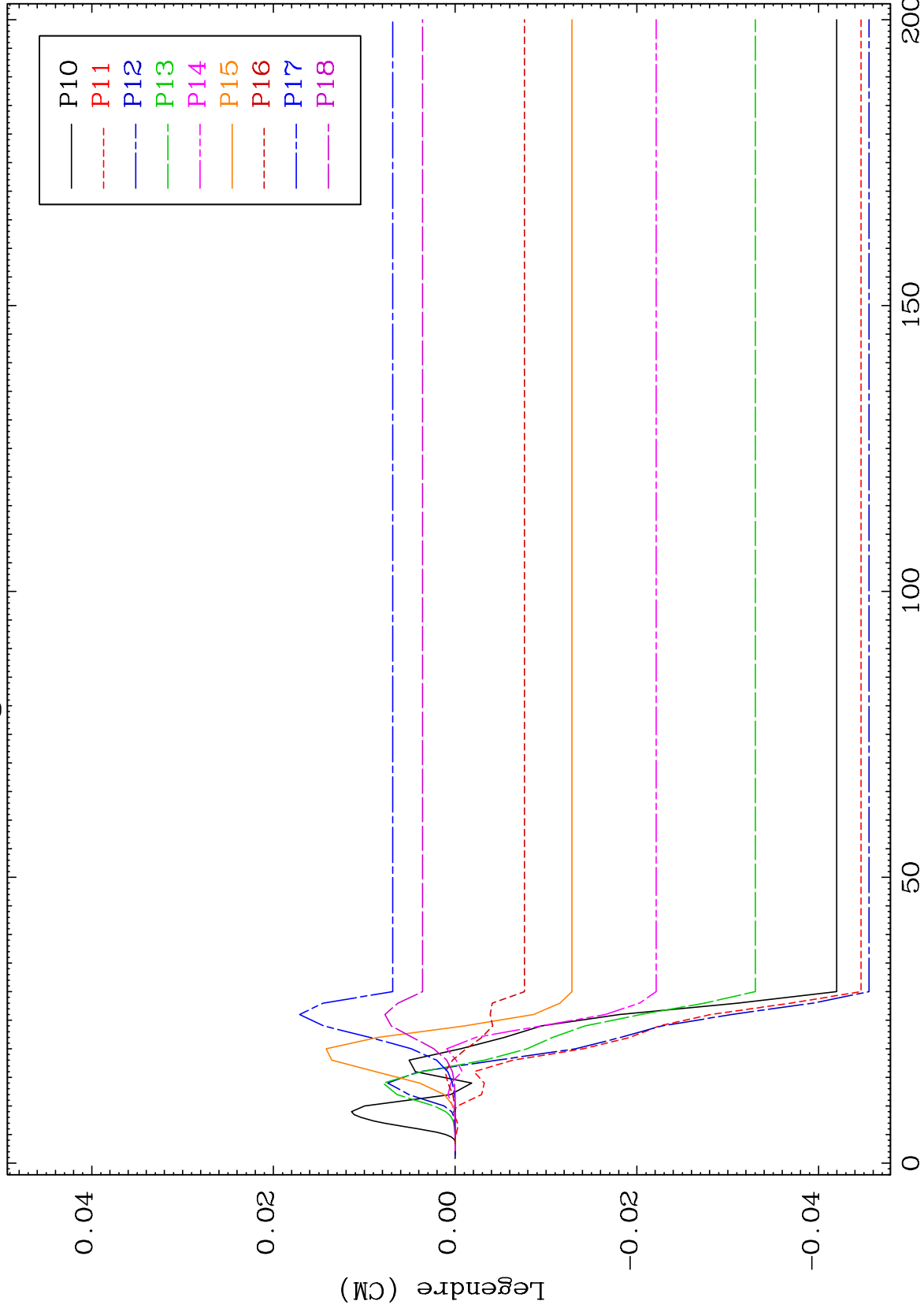
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



22

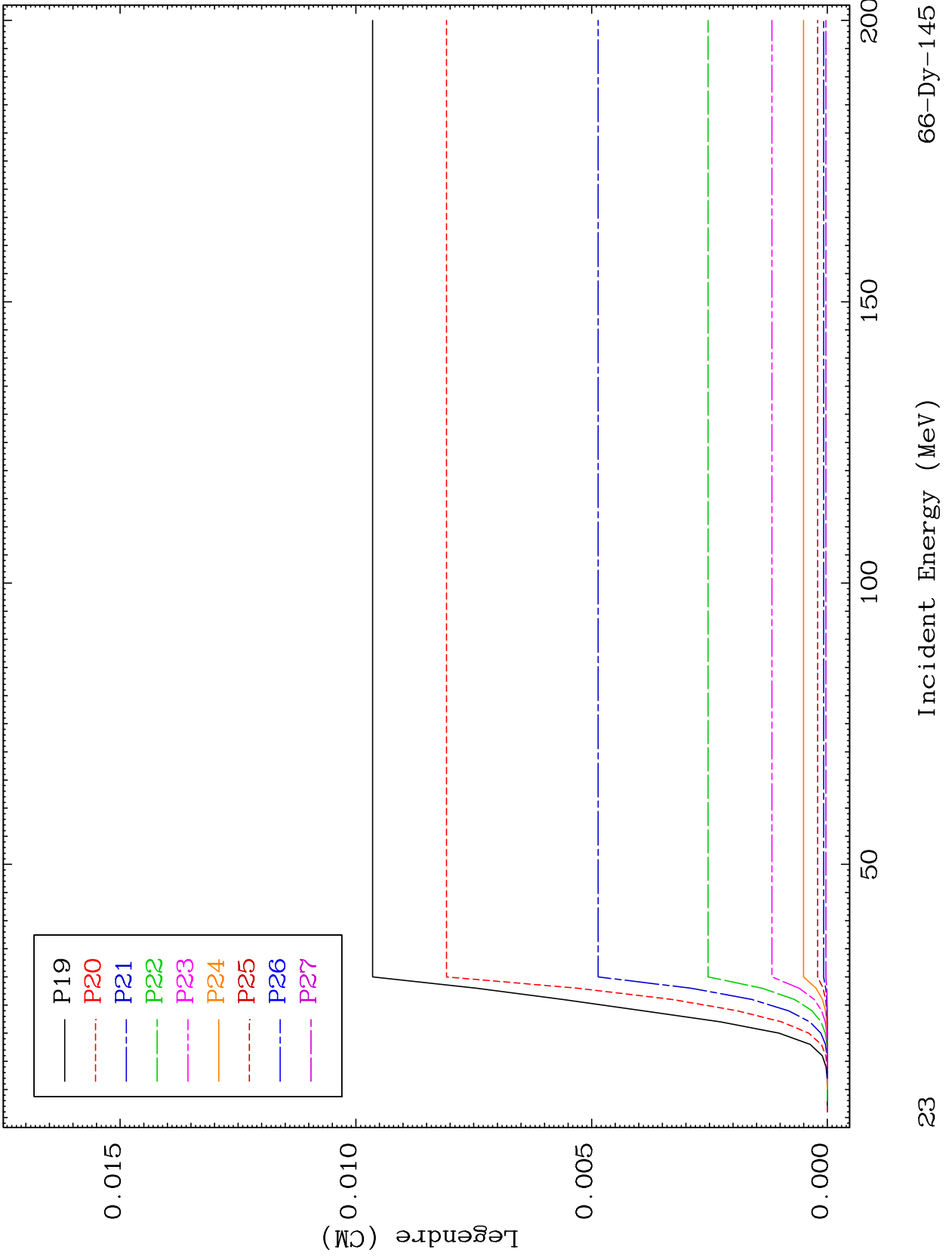
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

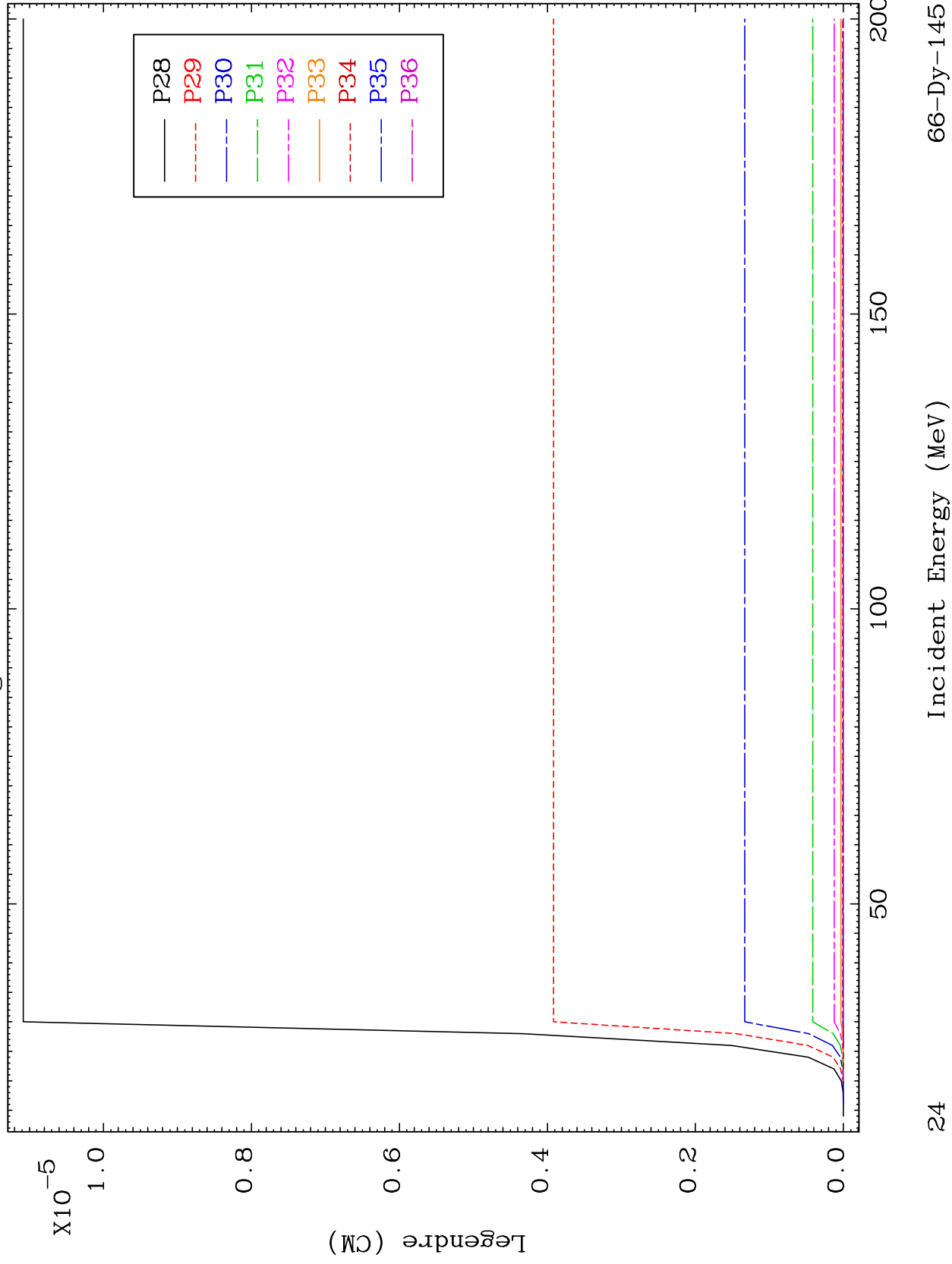
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MAT 6592

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

66-Dy-145

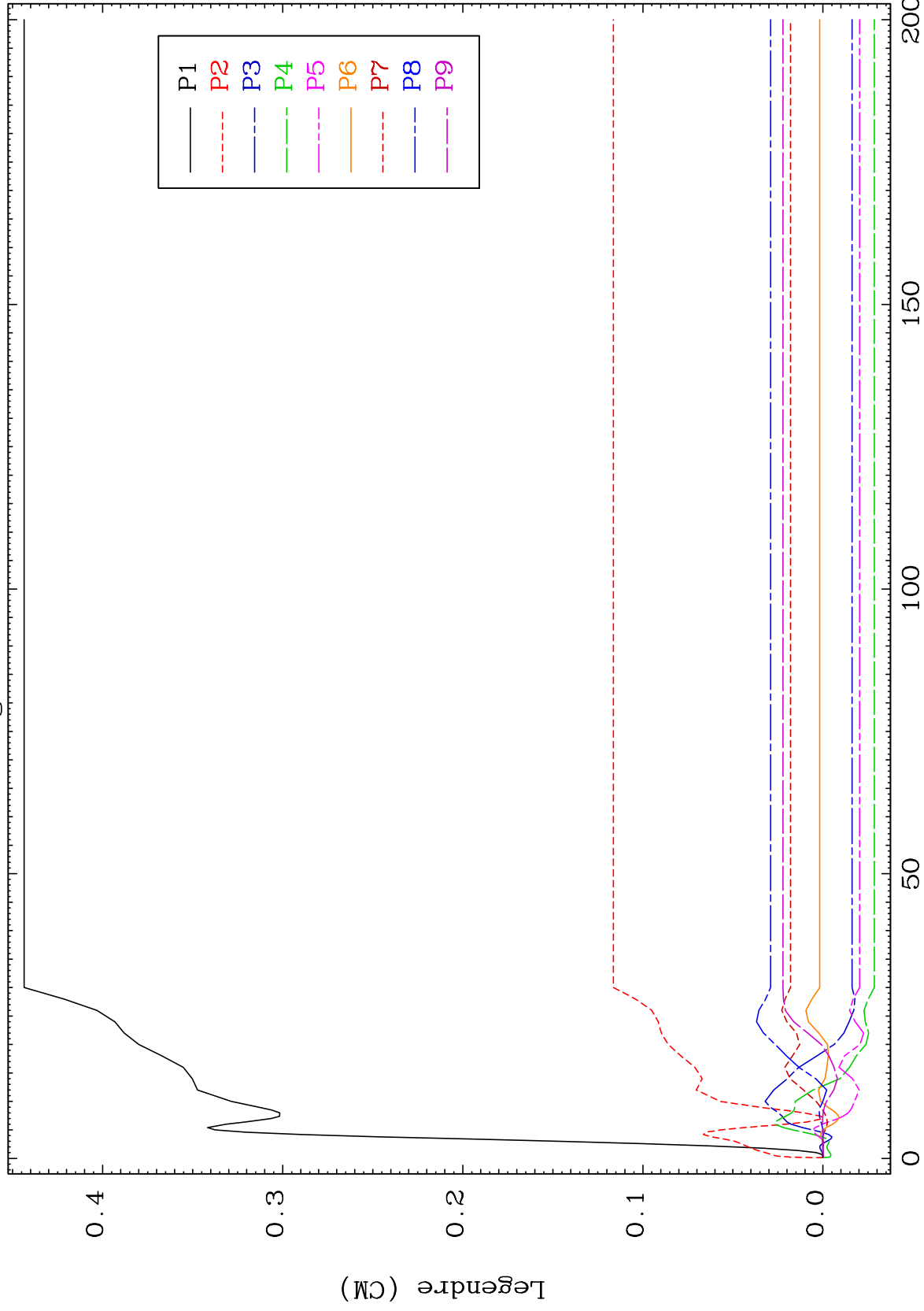


24

MAT 6592

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

66-Dy-145



66-Dy-145

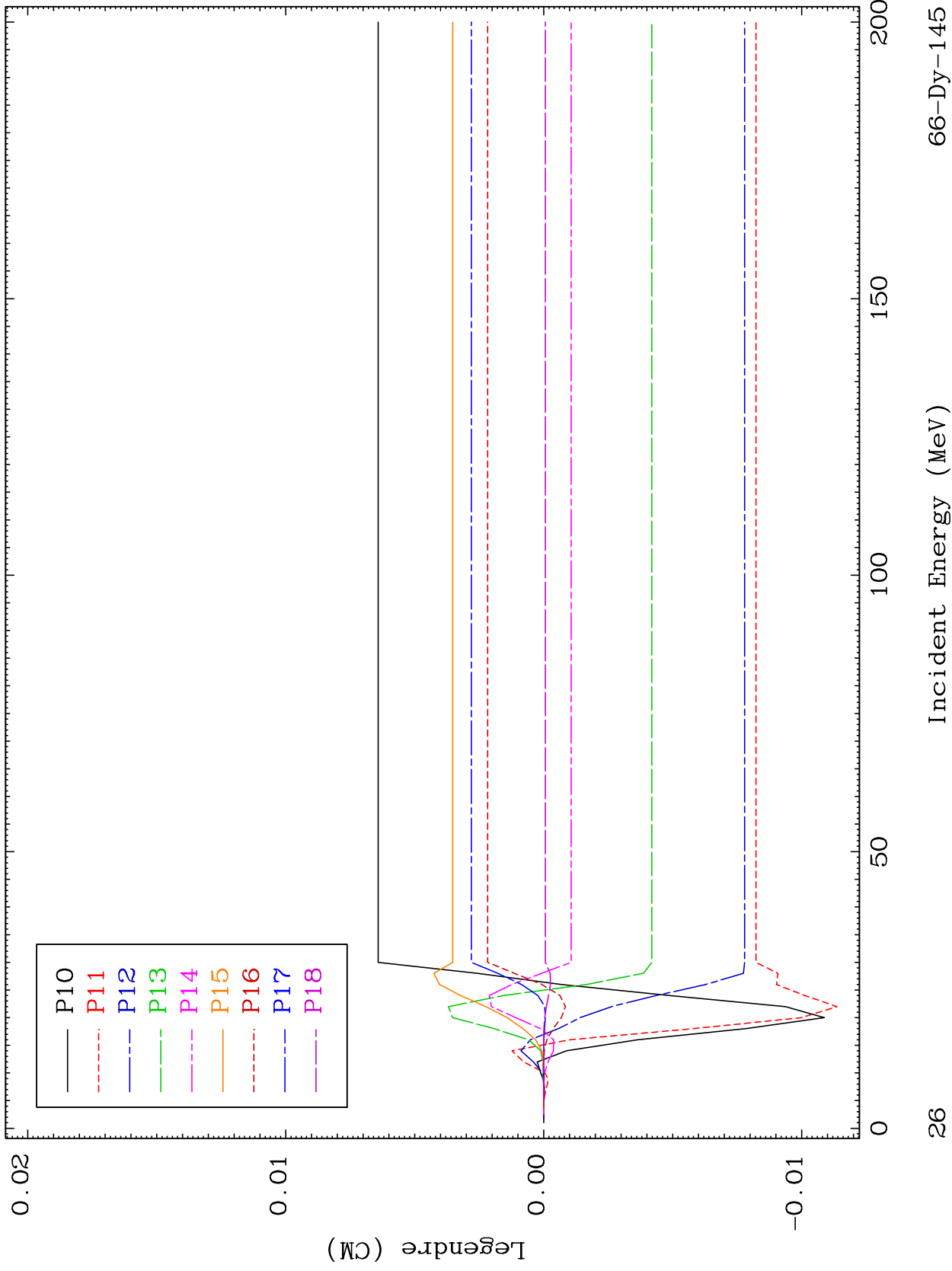
Incident Energy (MeV)

25

MAT 6592

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

66-Dy-145



26

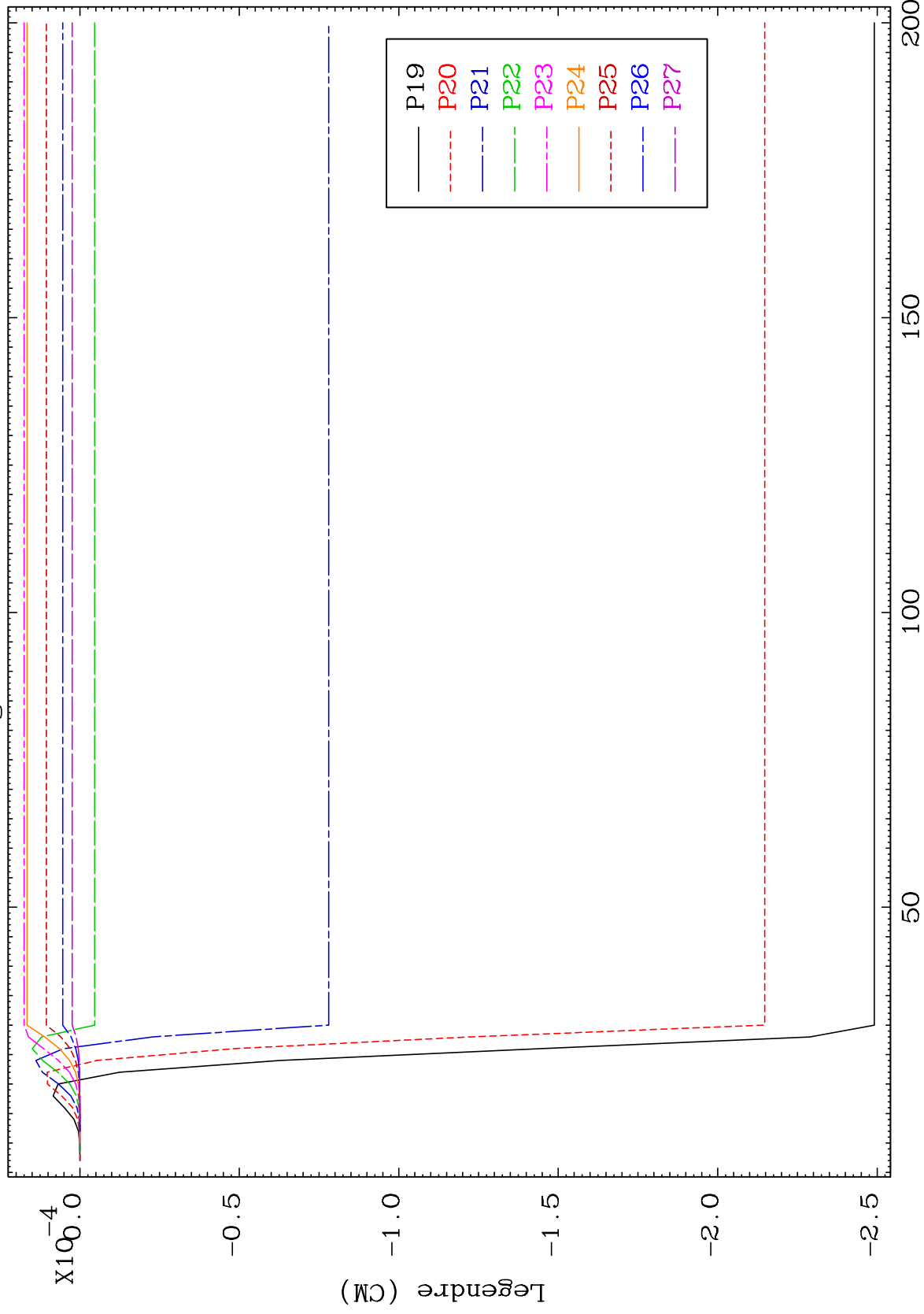
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

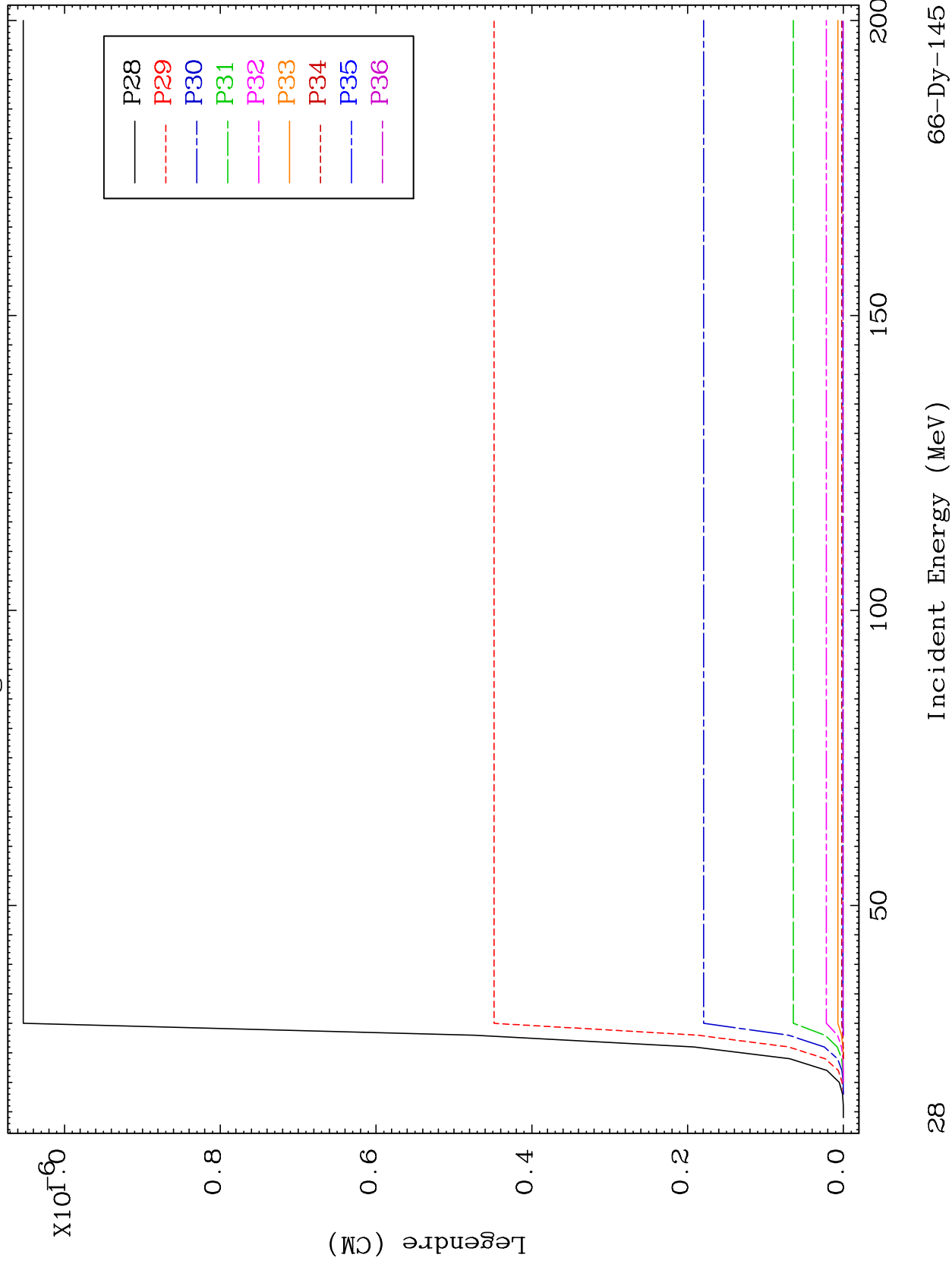
66-Dy-145



MAT 6592

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

66-Dy-145



28

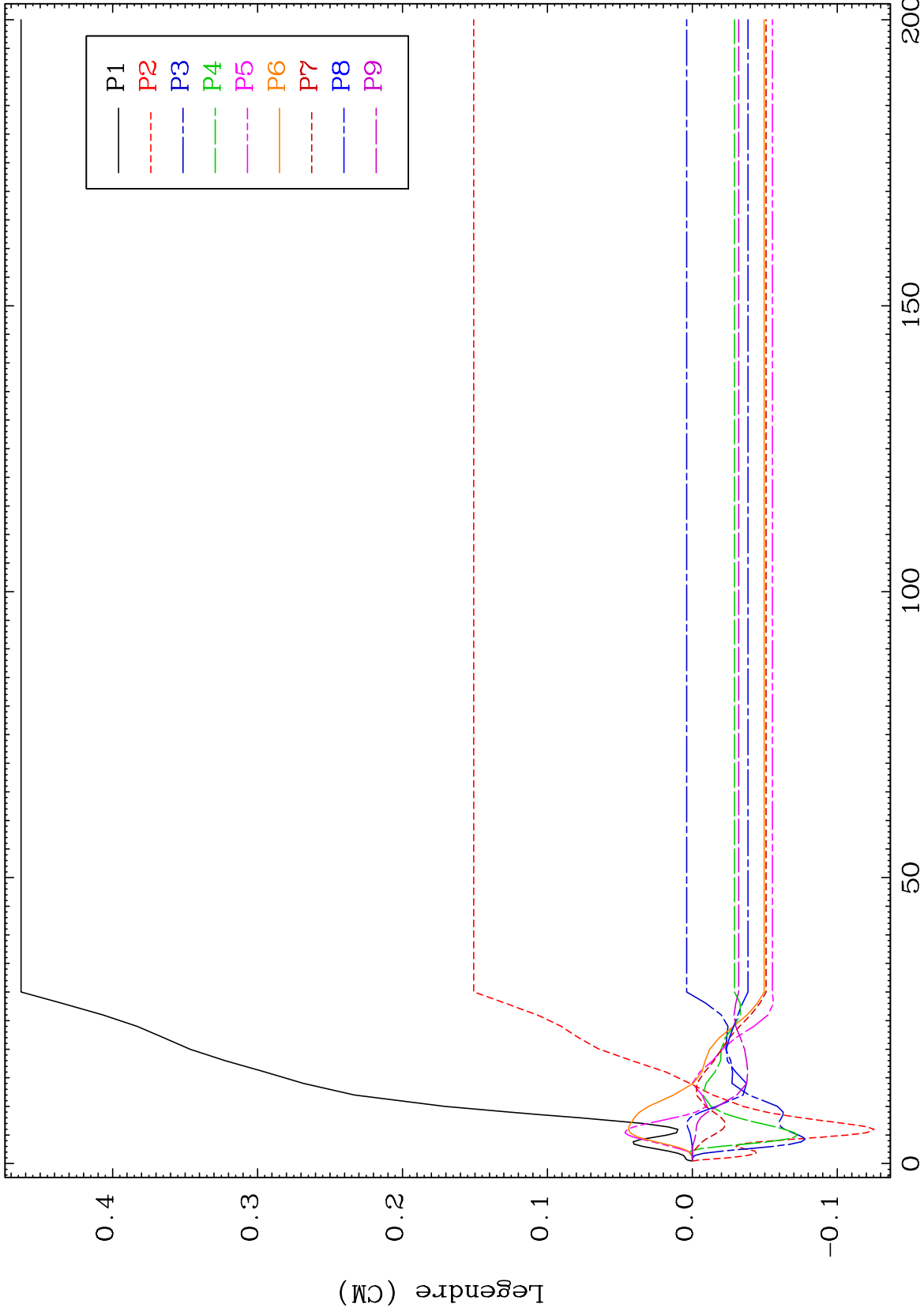
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



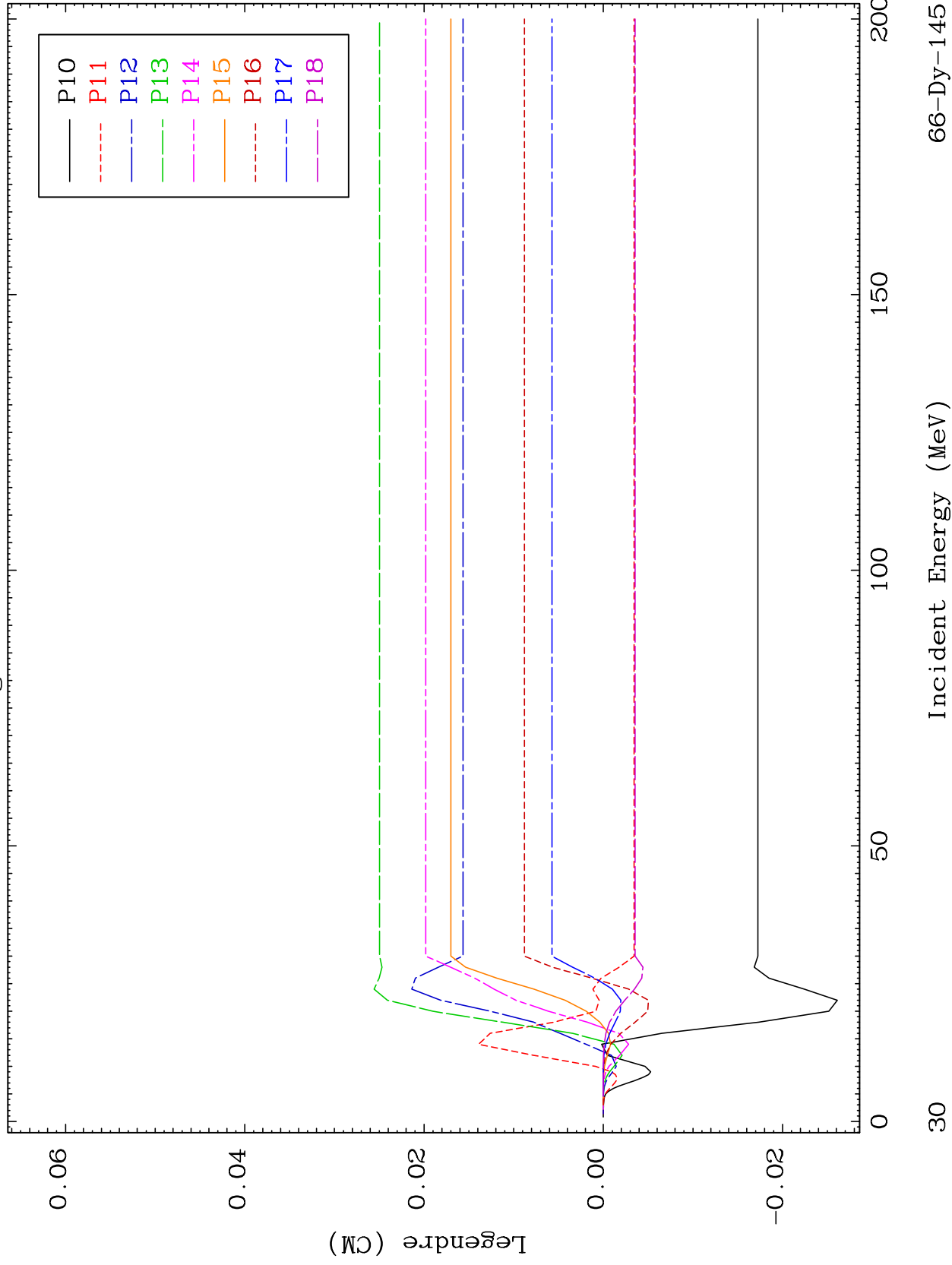
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66-Dy-145

MAT 6592

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

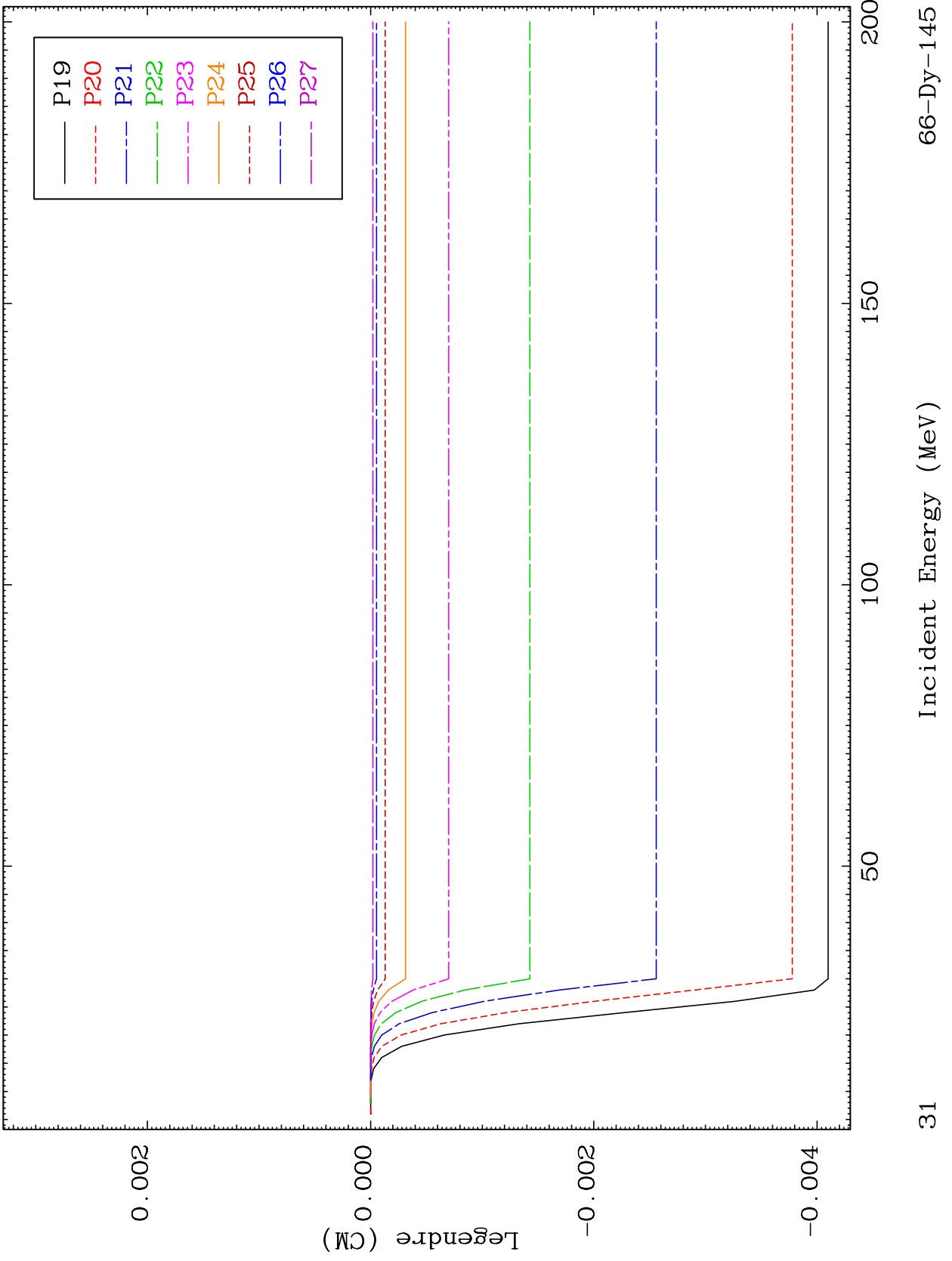
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MAT 6592

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

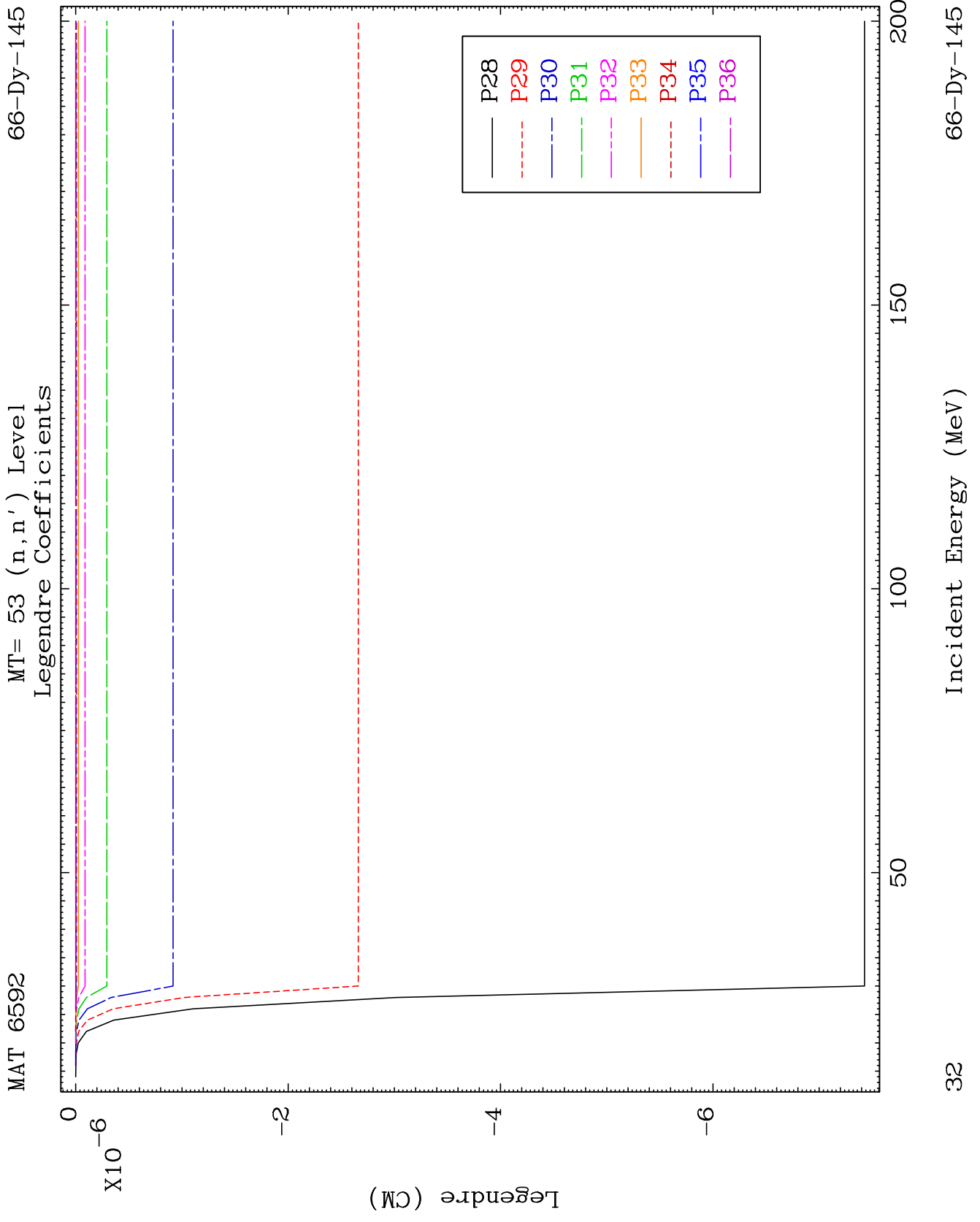
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31

Incident Energy (MeV)

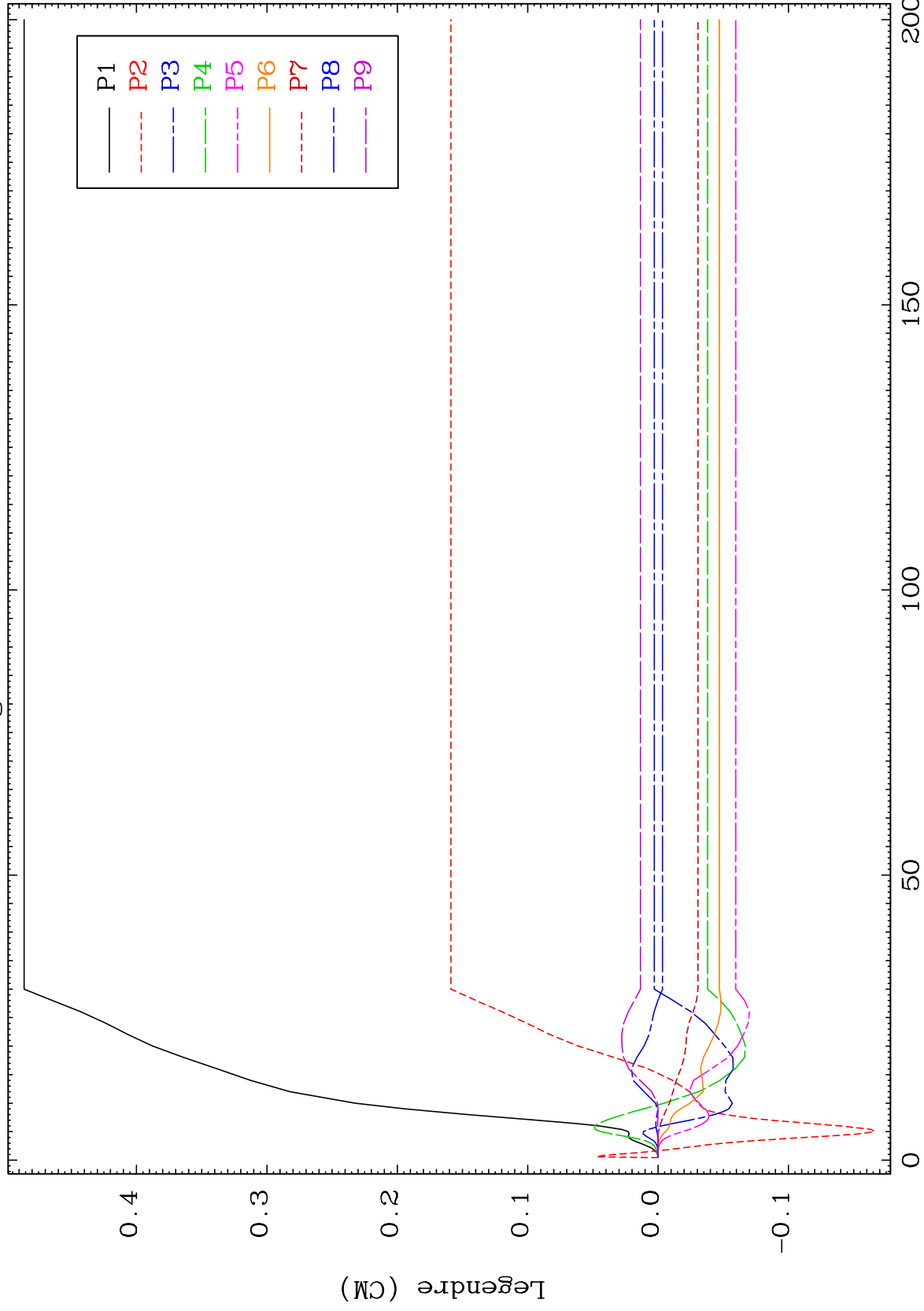
66-Dy-145



MAT 6592

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

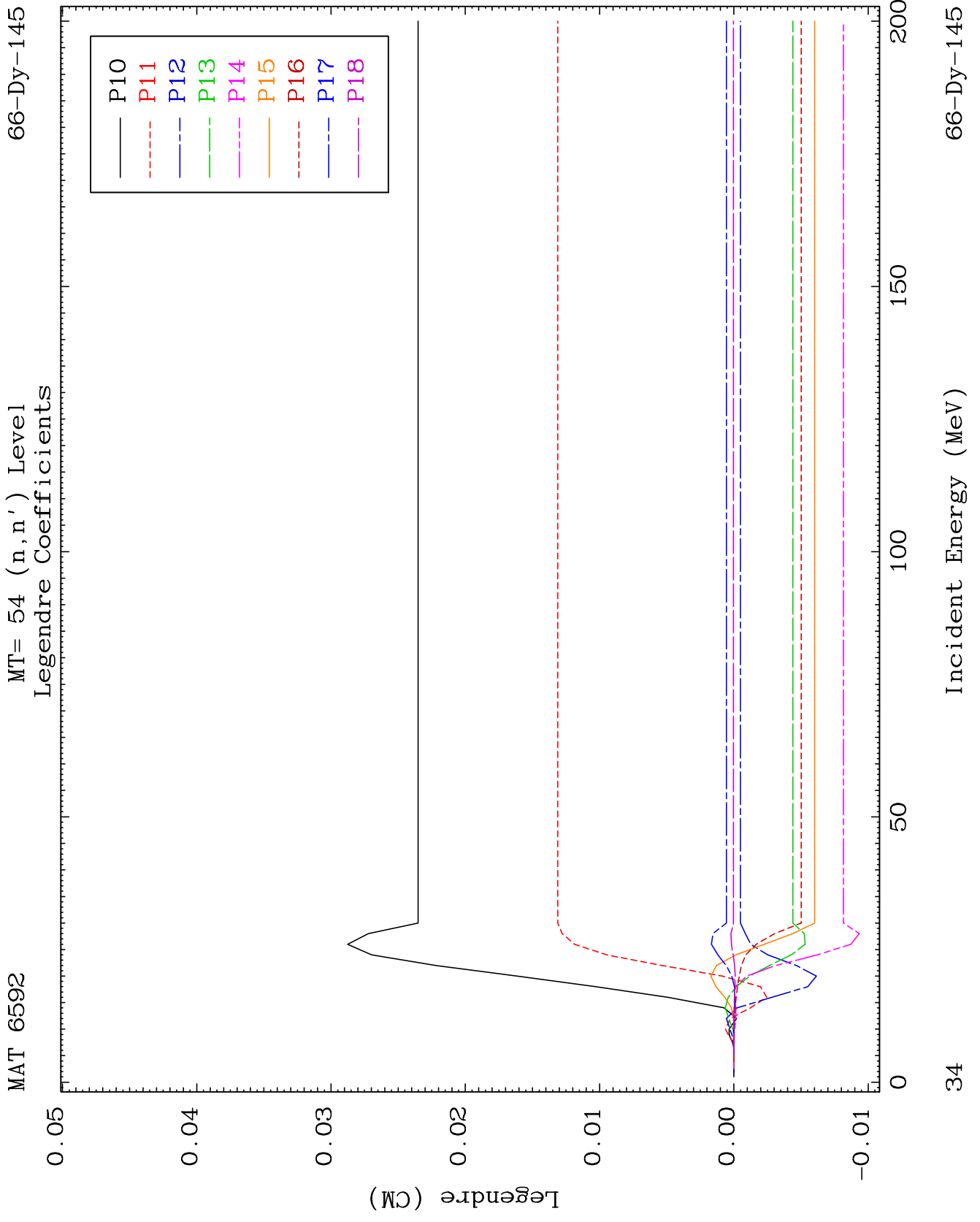
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33

Incident Energy (MeV)

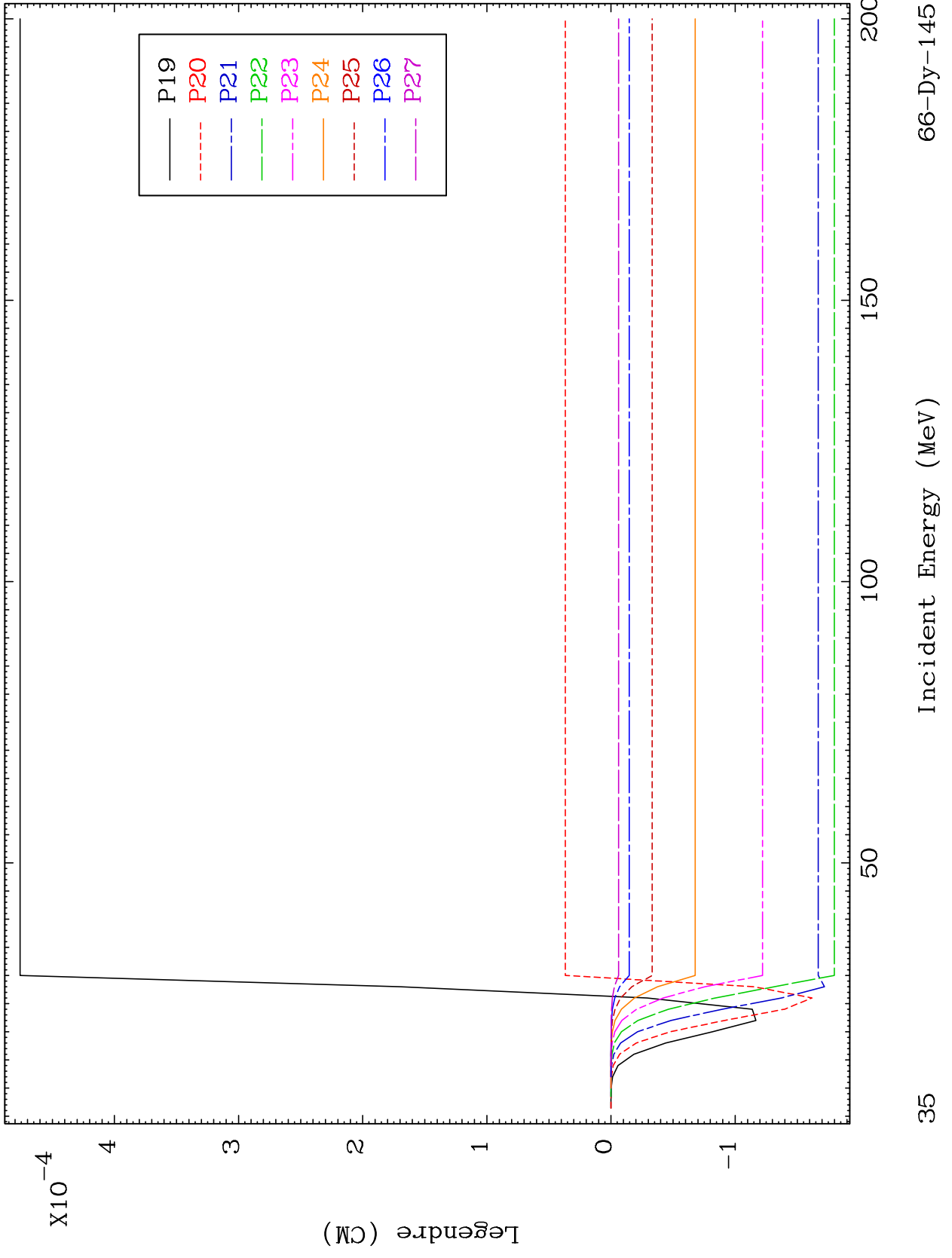
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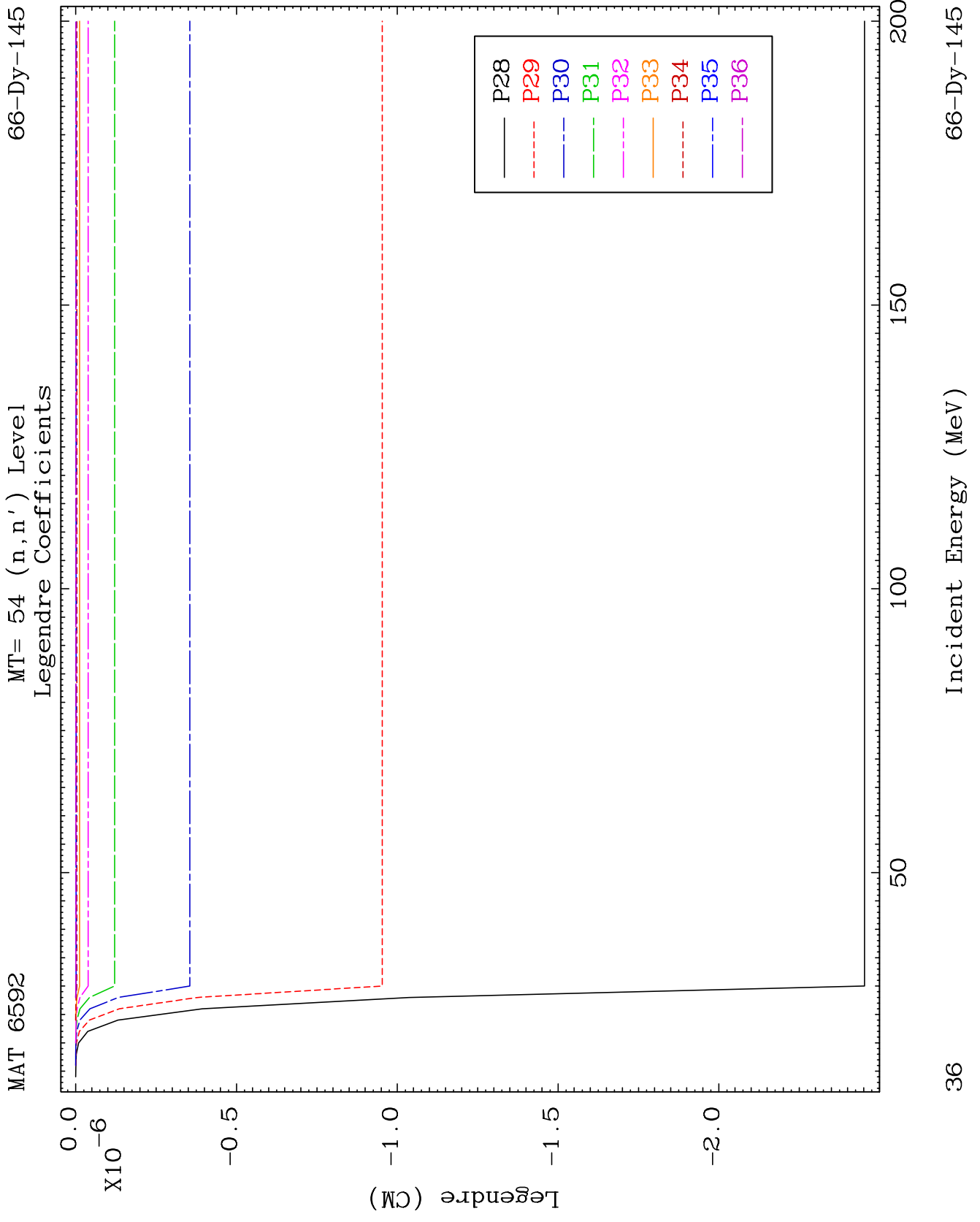


MAT 6592

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

66-Dy-145

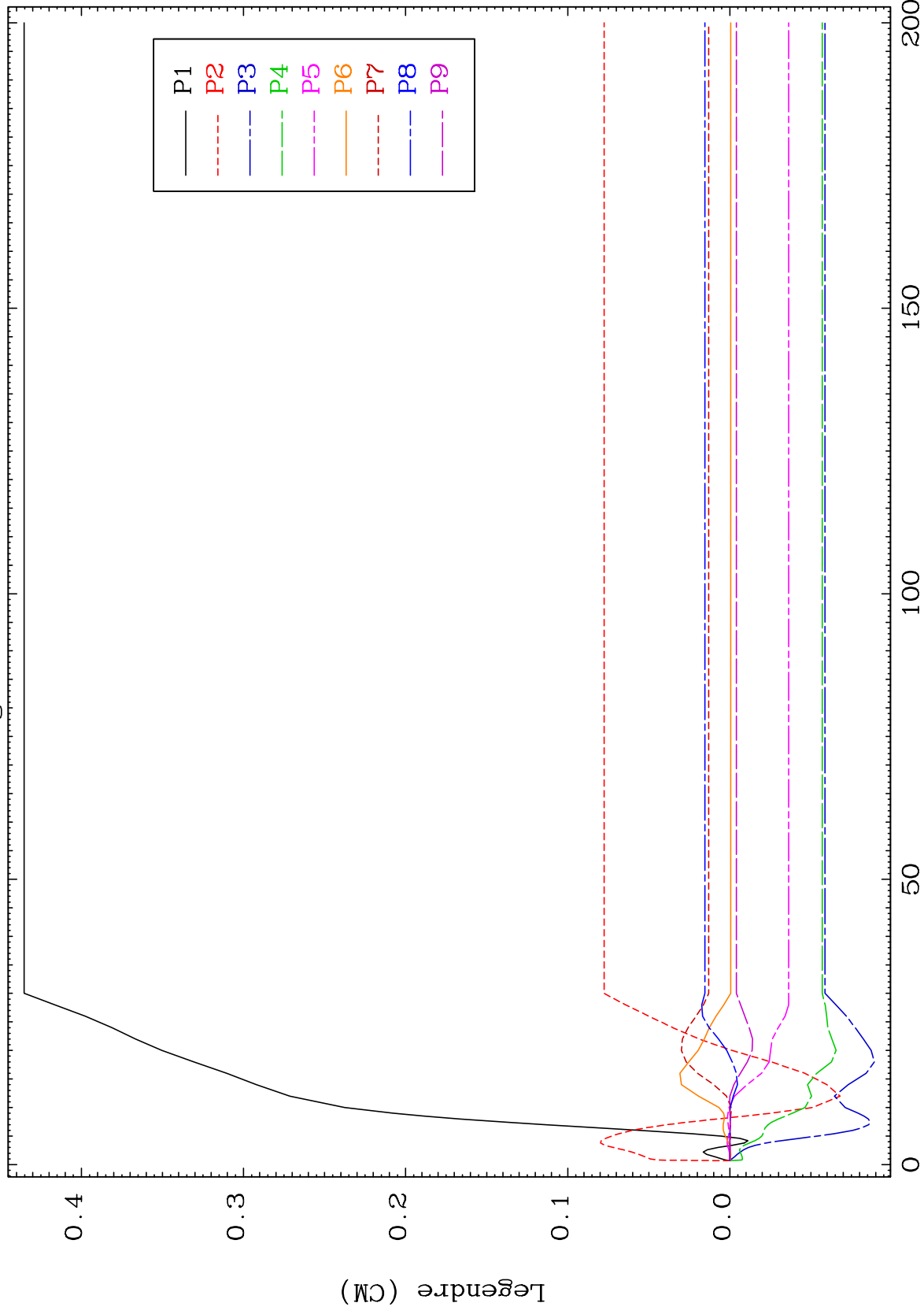




MAT 6592

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

66-Dy-145



37

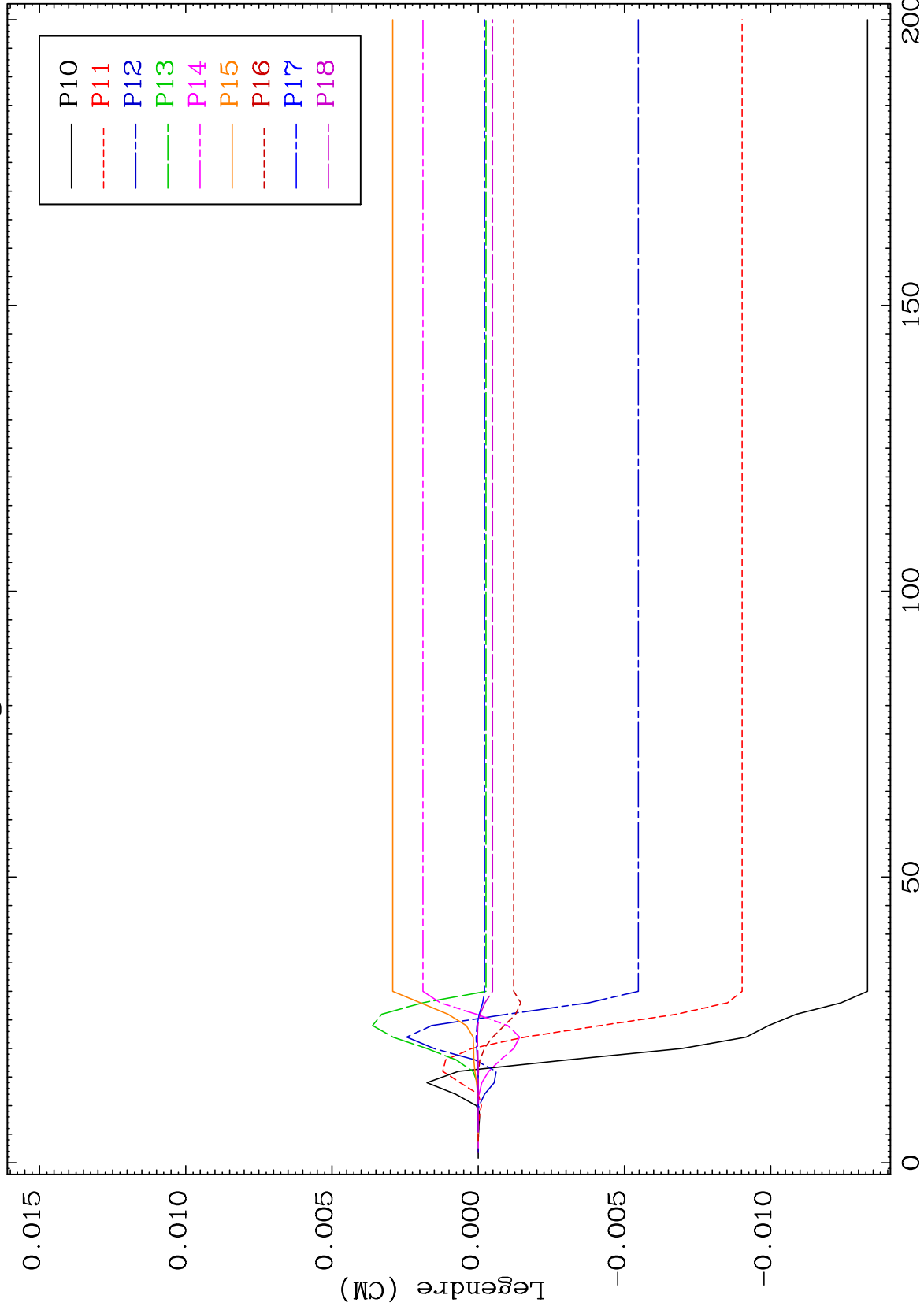
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



38

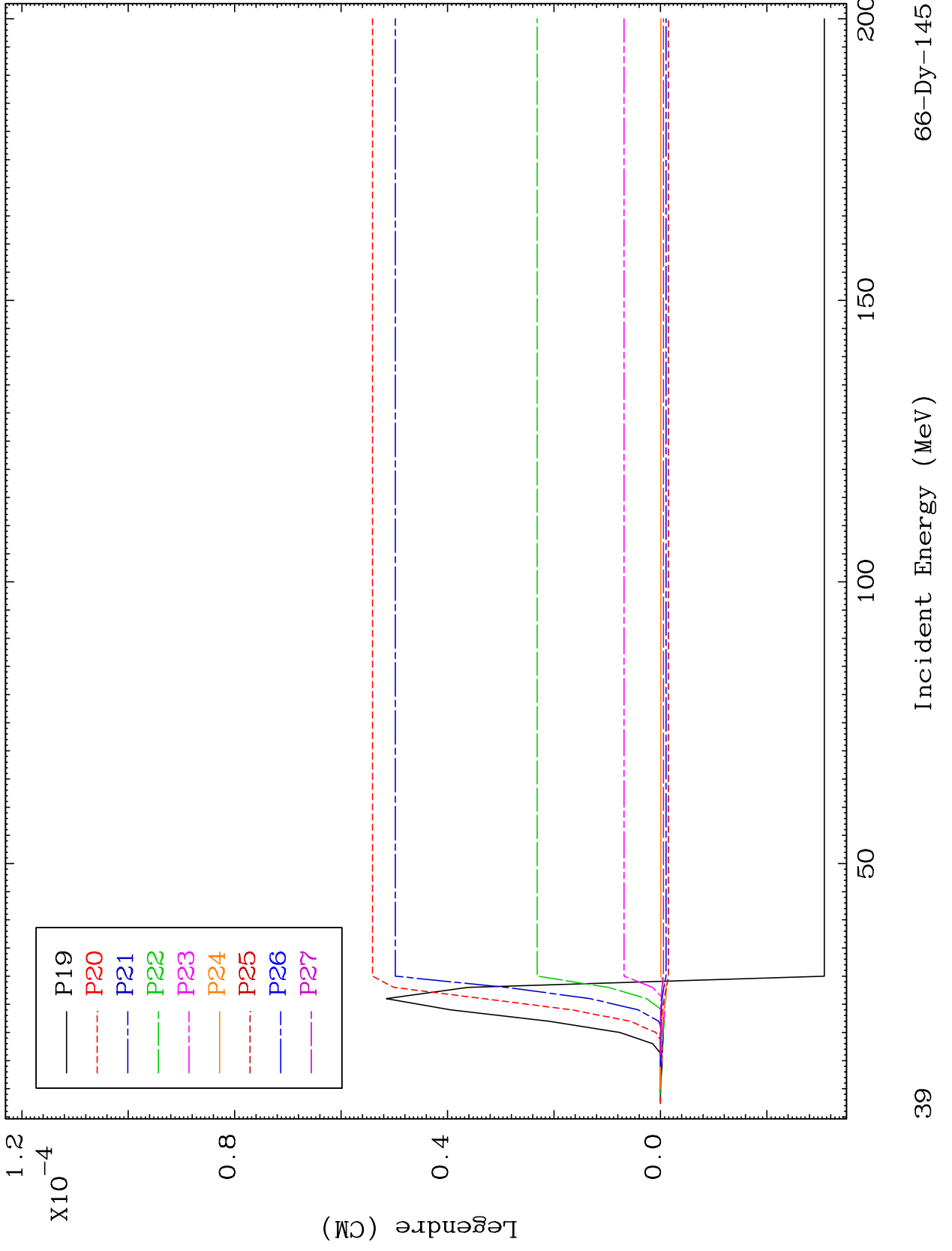
Incident Energy (MeV)

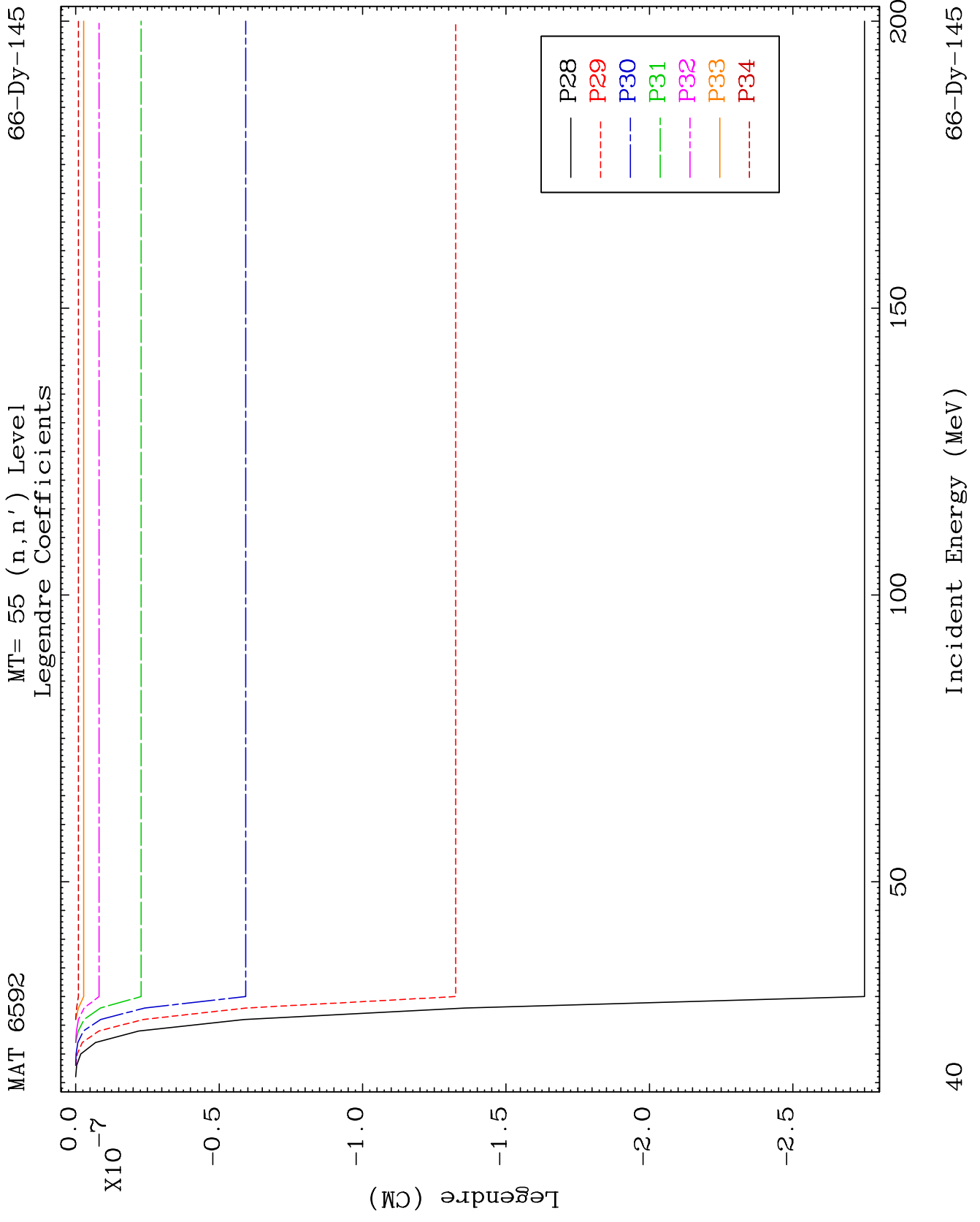
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MAT 6592

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

66-Dy-145

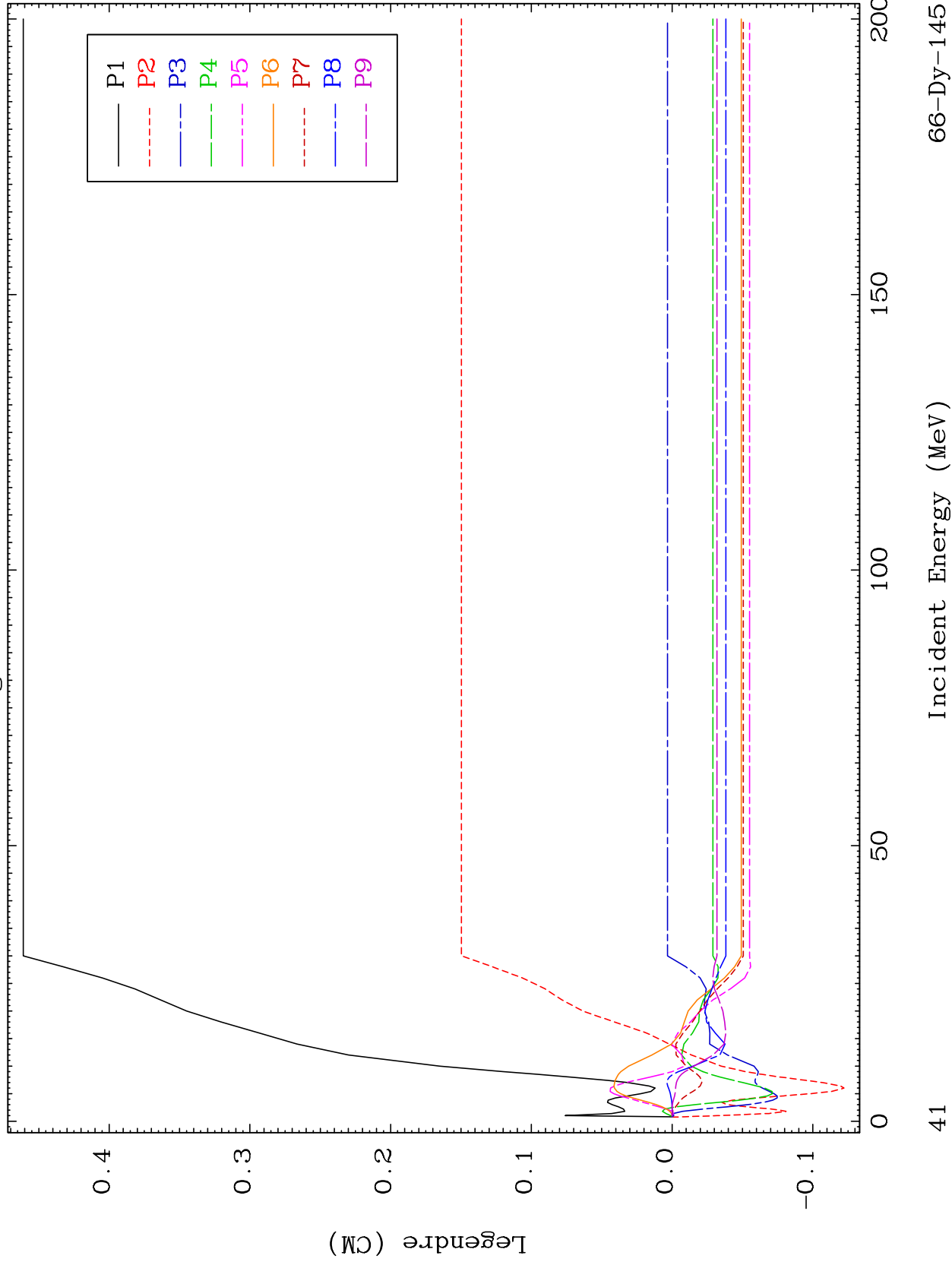




MAT 6592

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

66-Dy-145



41

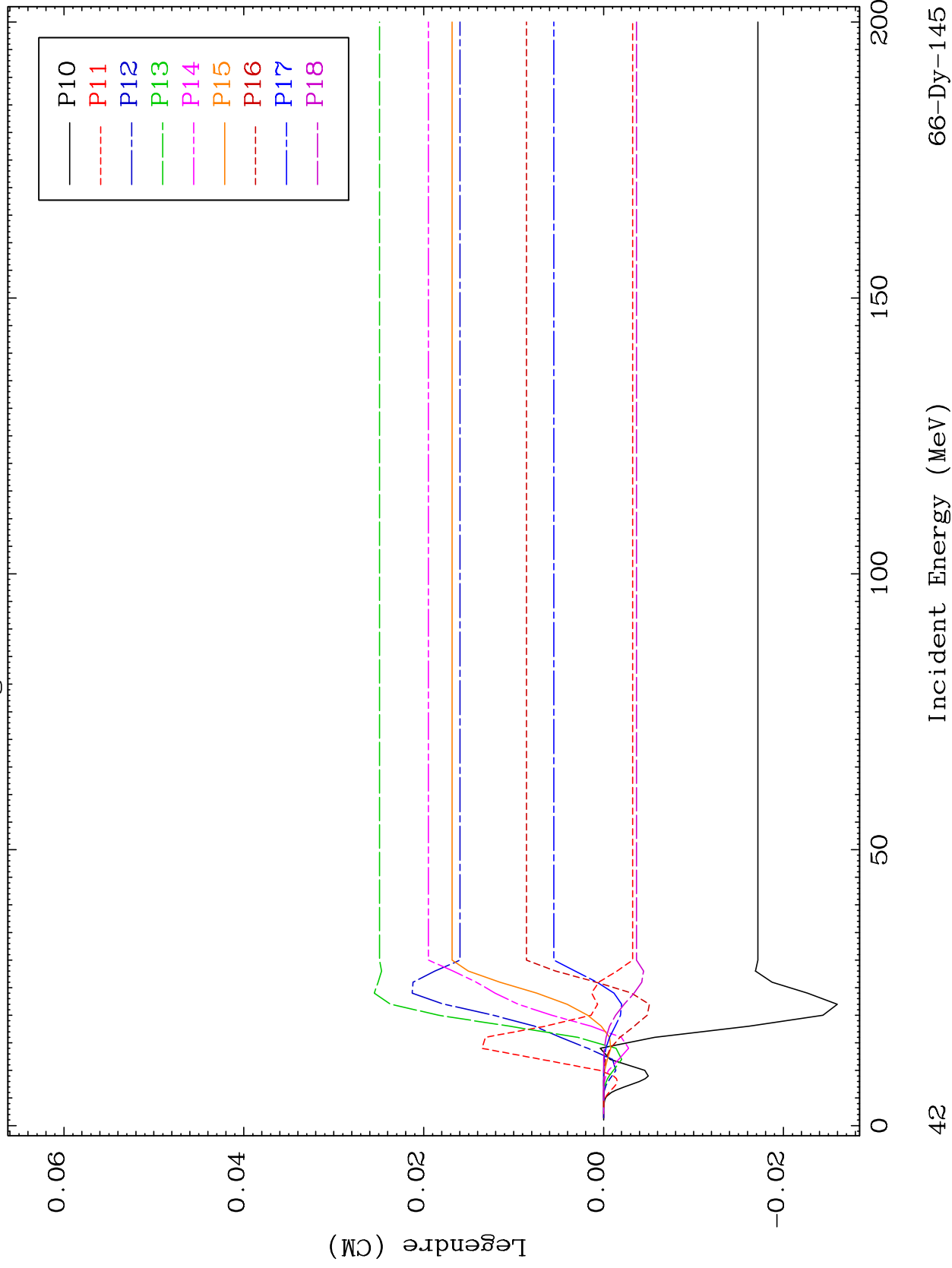
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



66-Dy-145

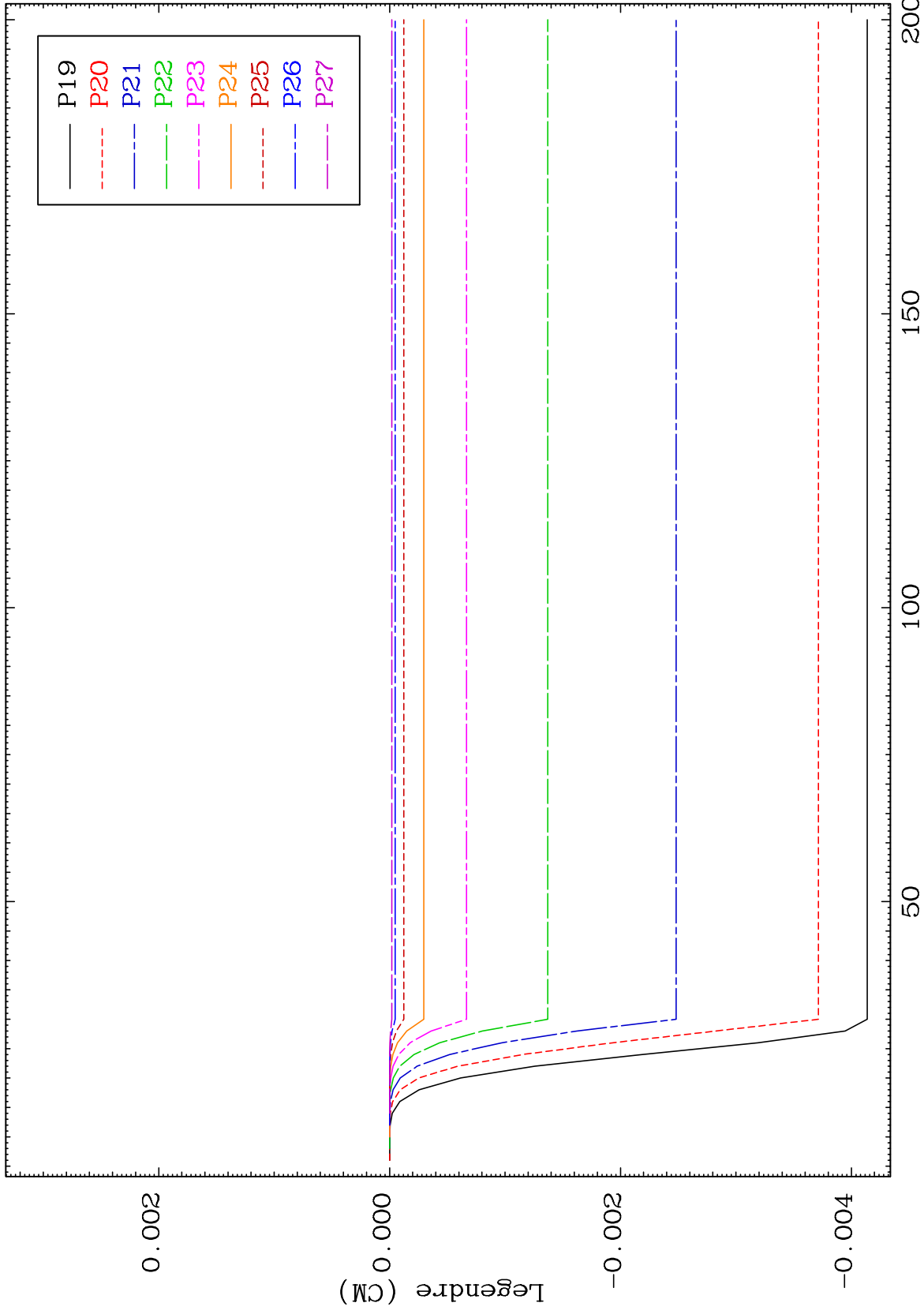
Incident Energy (MeV)

42

MAT 6592

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

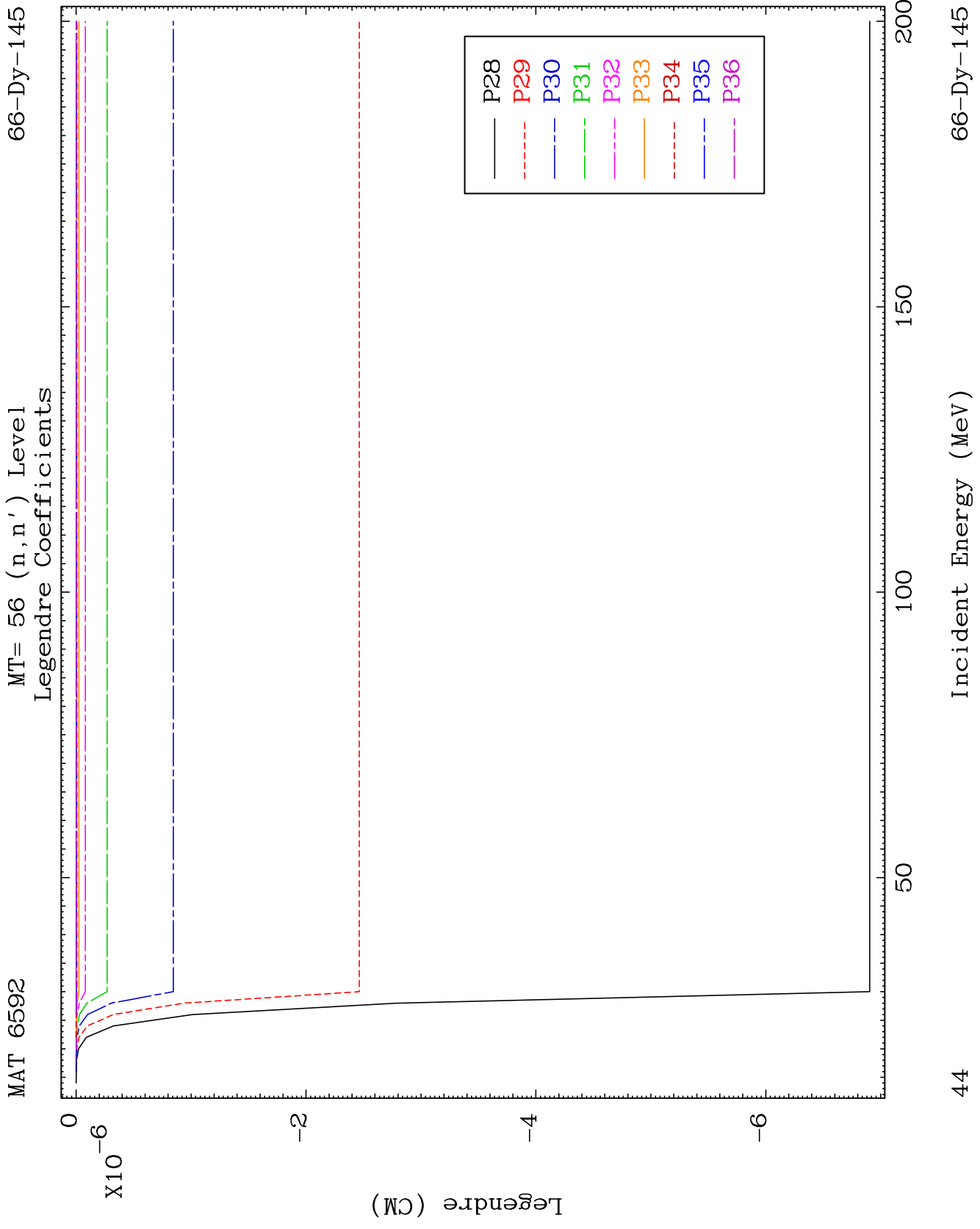
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43

Incident Energy (MeV)

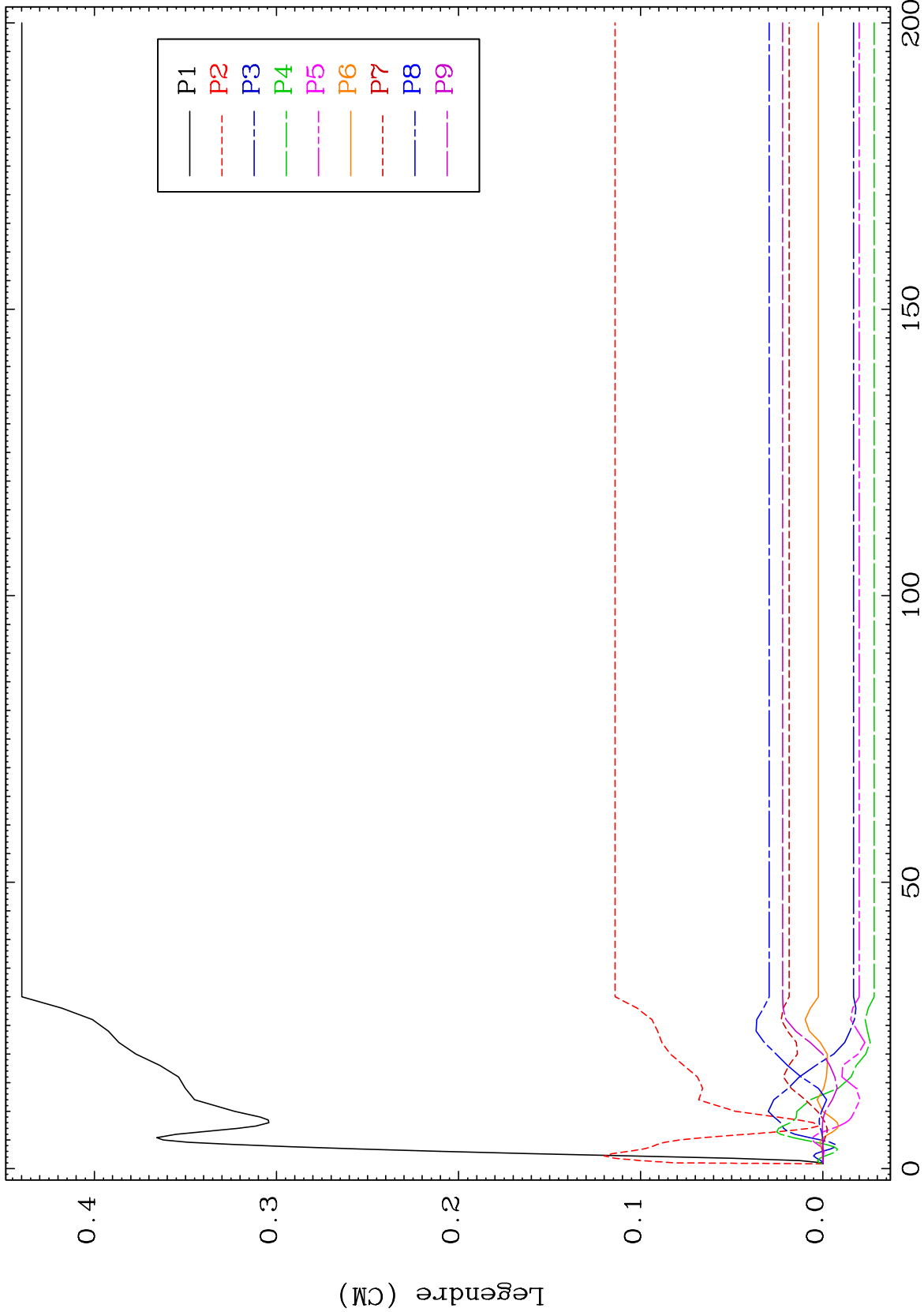
66-Dy-145



MAT 6592

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

66-Dy-145



66-Dy-145

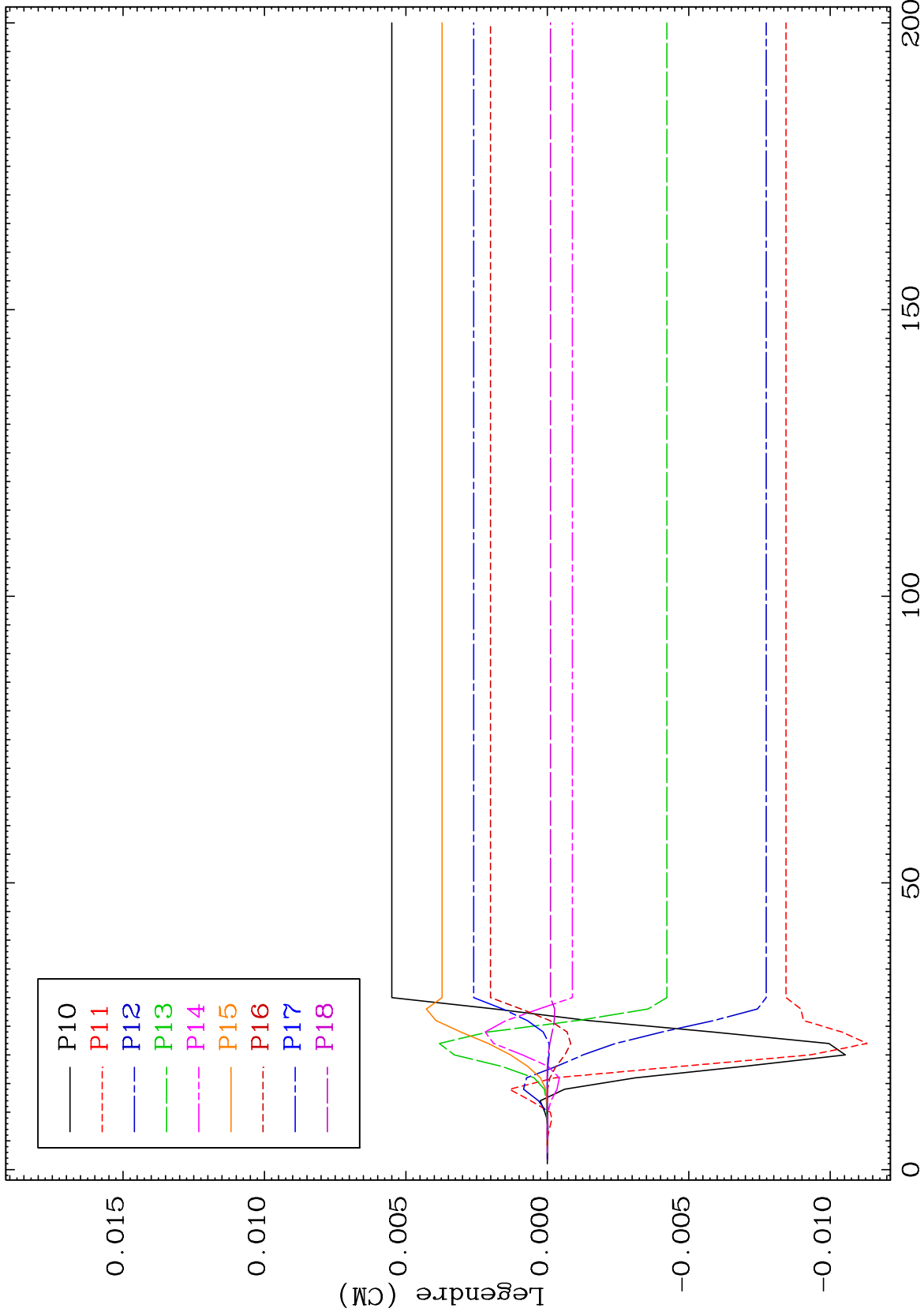
Incident Energy (MeV)

45

MAT 6592

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

66-Dy-145

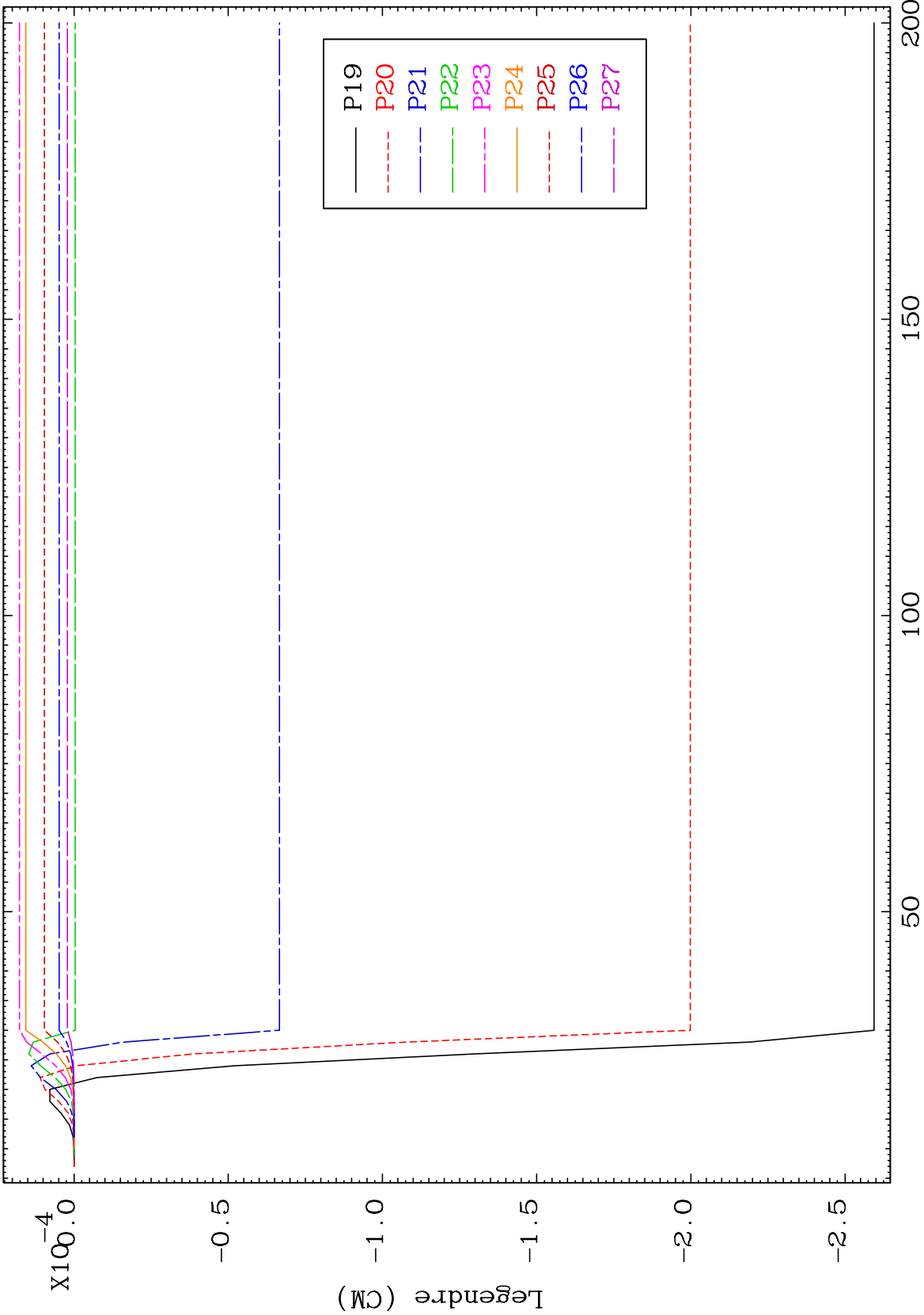


46

Incident Energy (MeV)

66-Dy-145

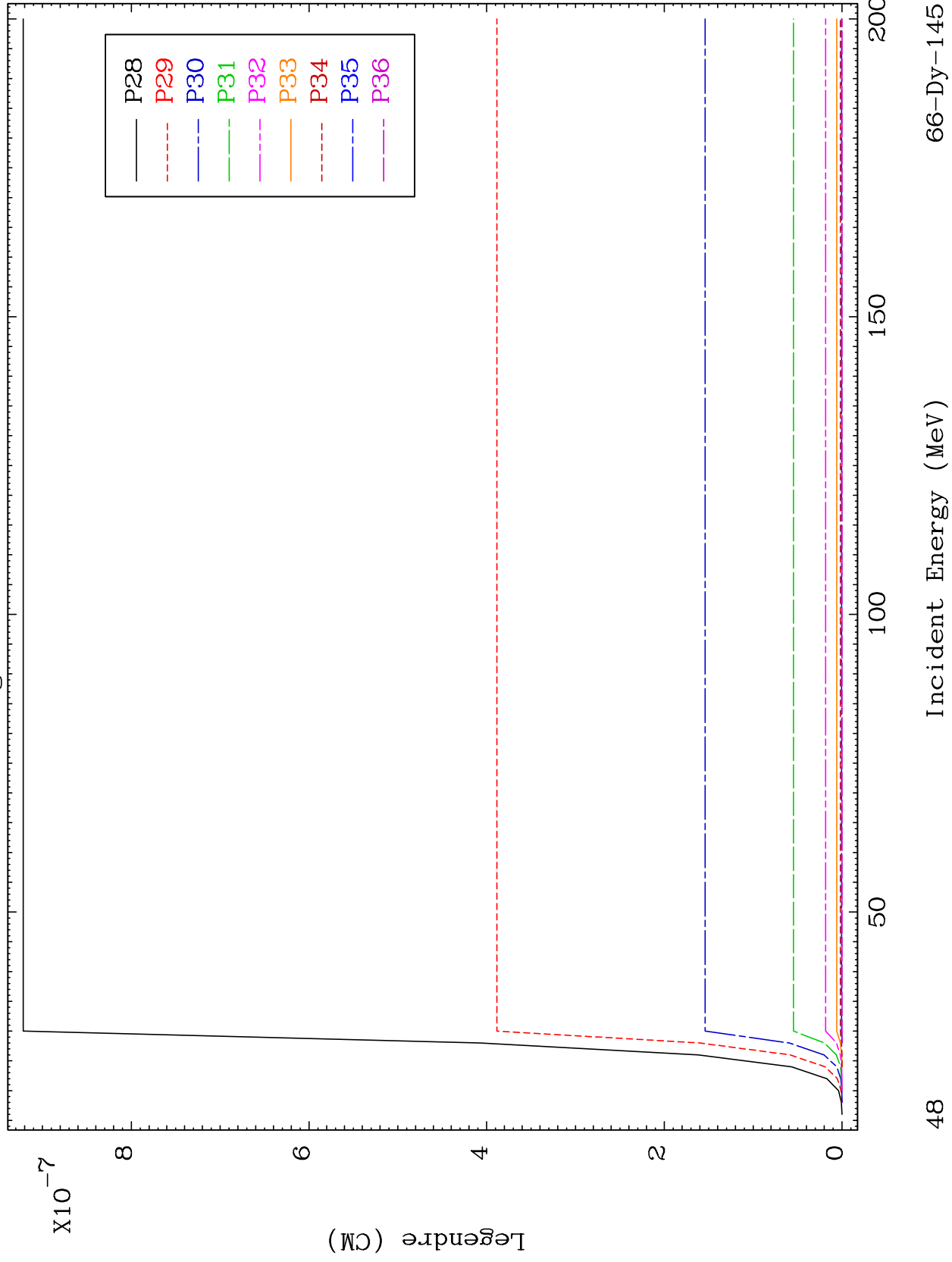
Legendre Coefficients



MAT 6592

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

66-Dy-145



48

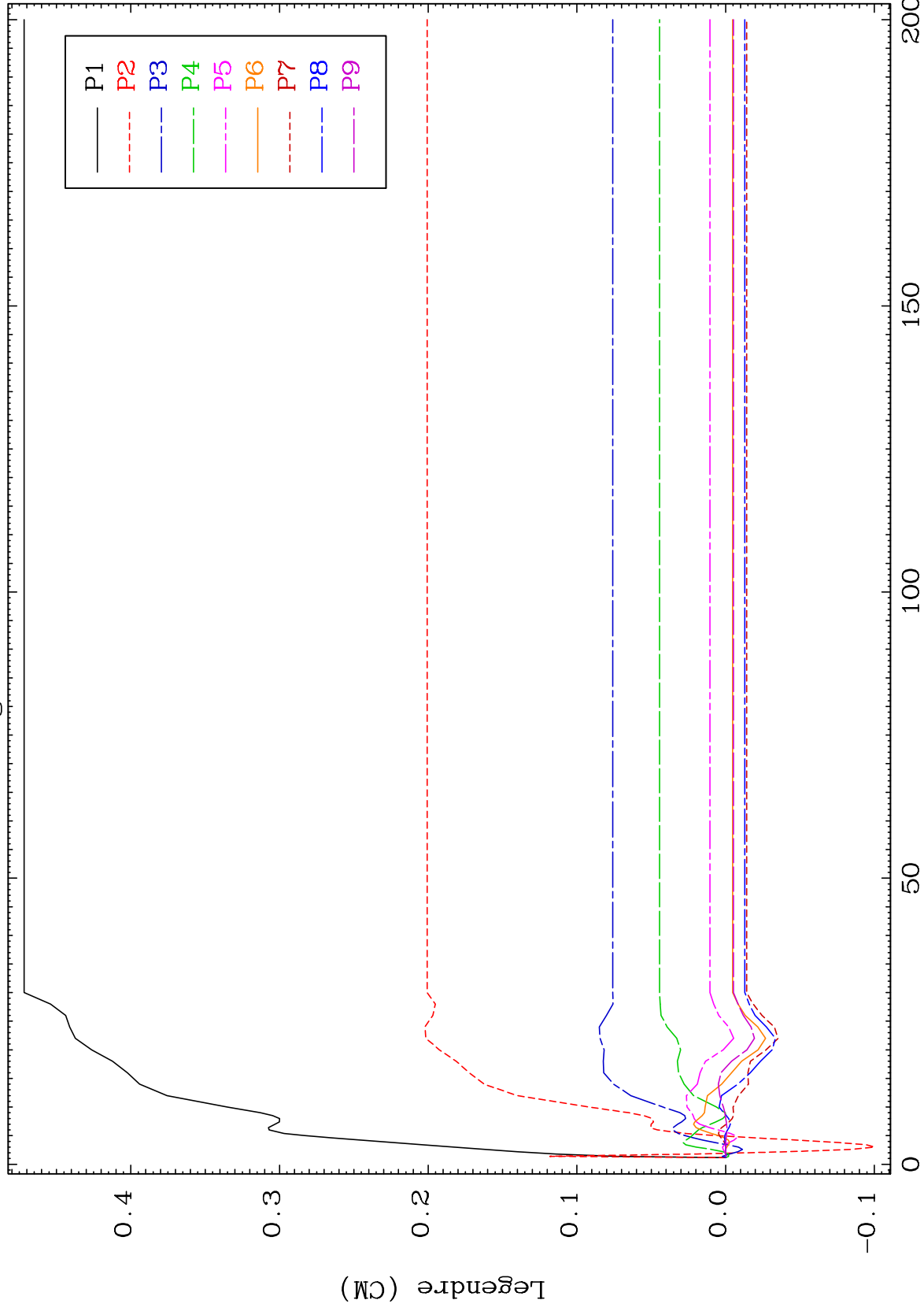
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



49

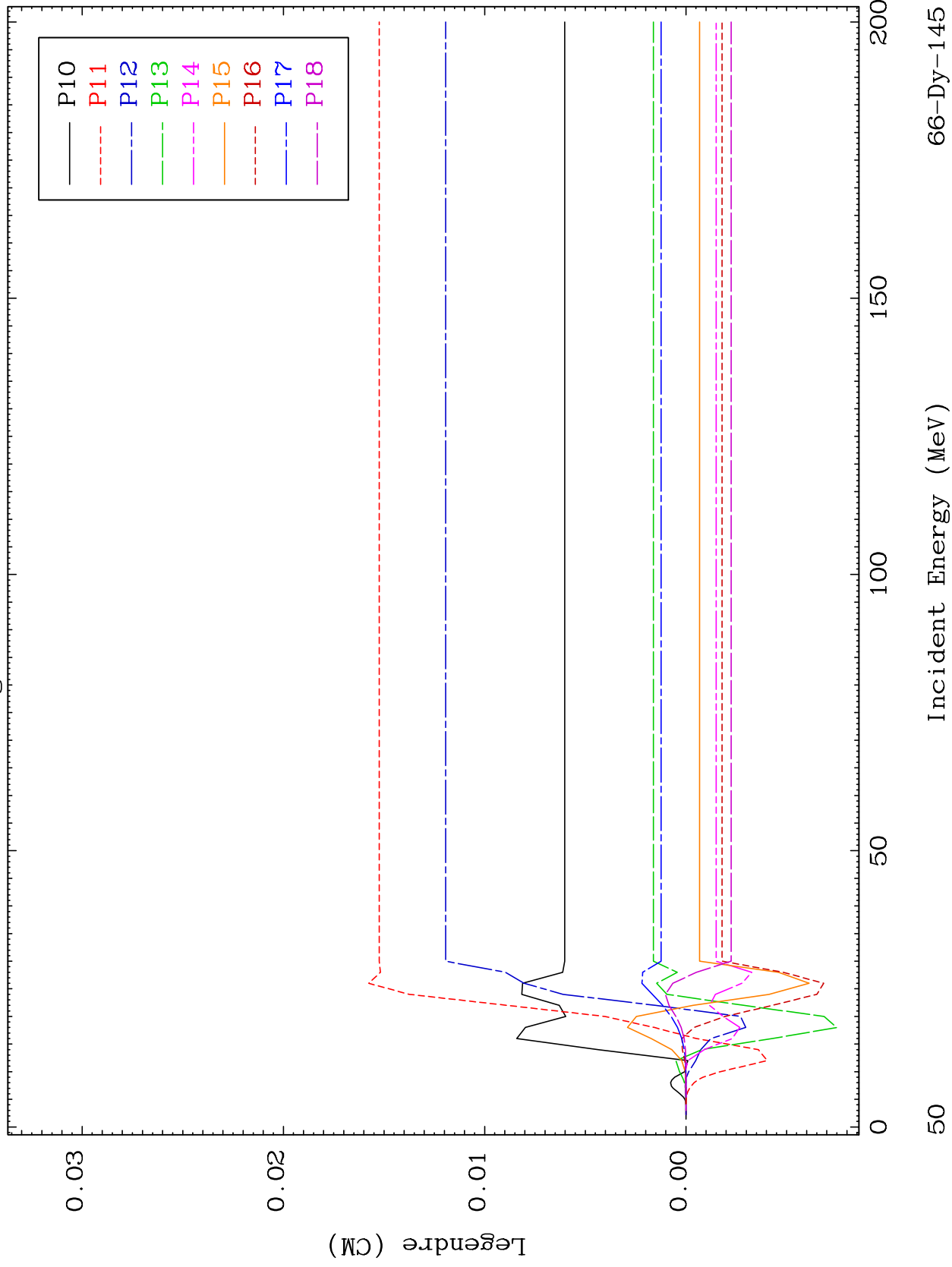
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



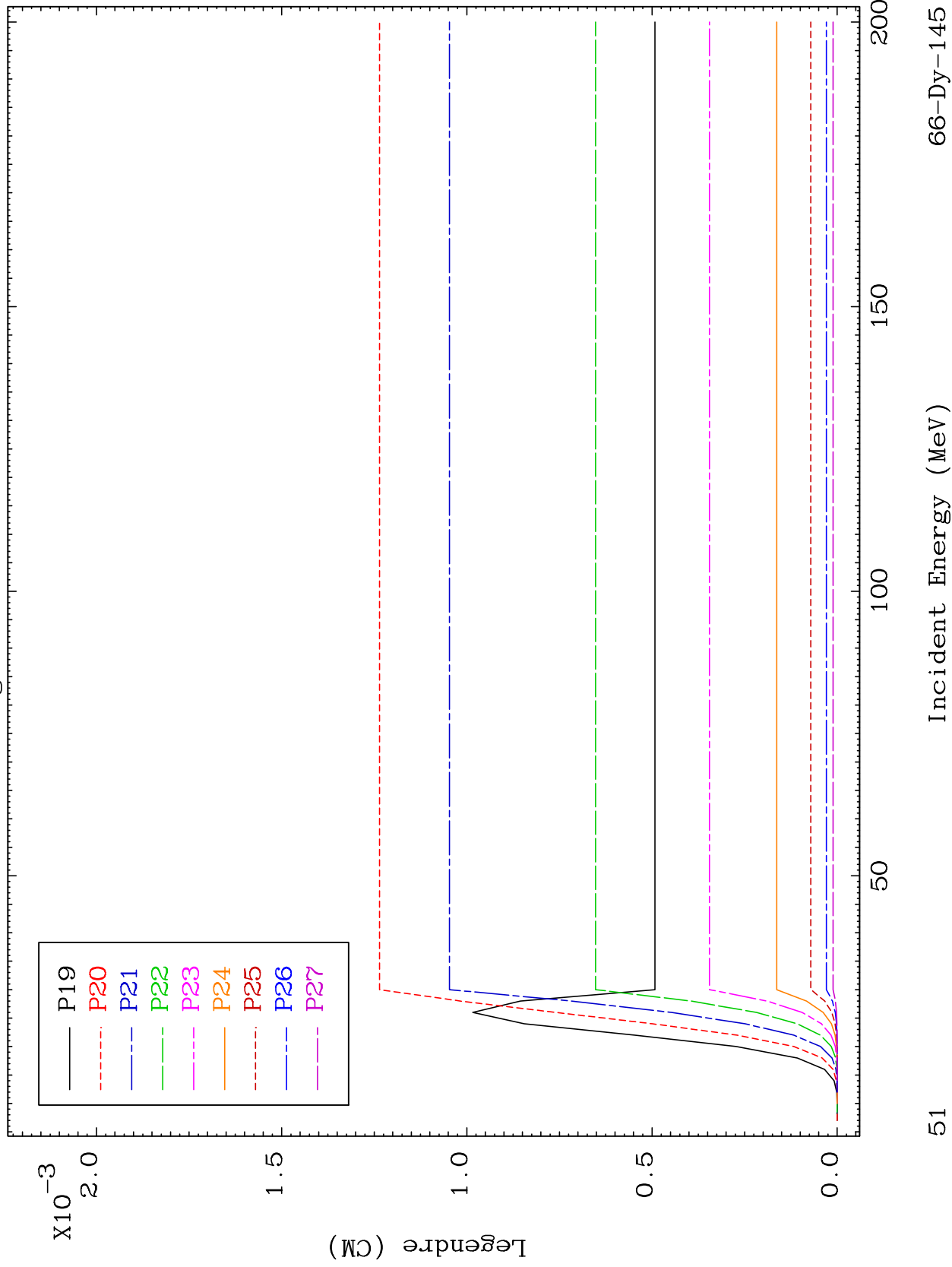
66-Dy-145

Incident Energy (MeV)

MAT 6592

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

66-Dy-145



51

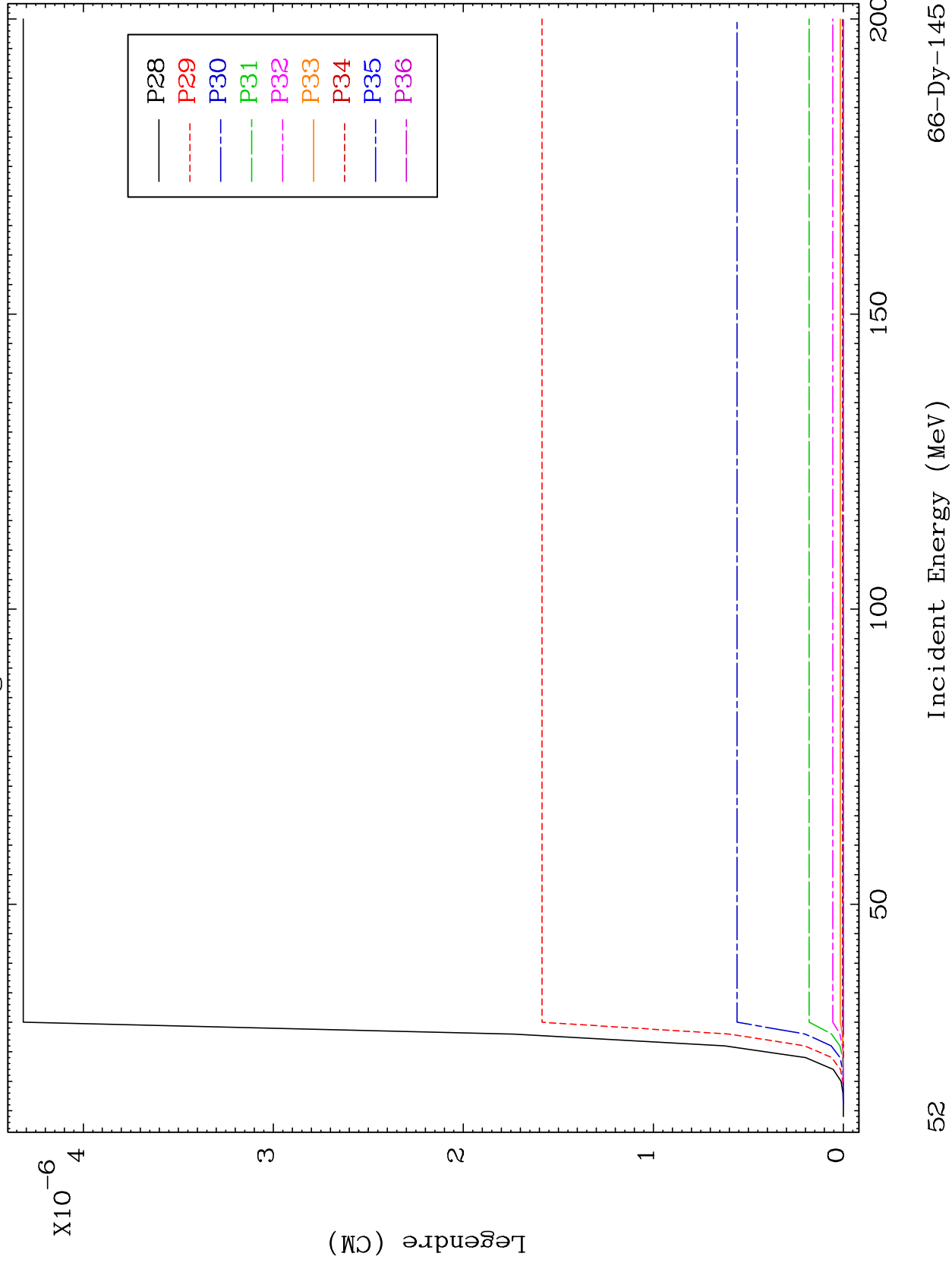
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

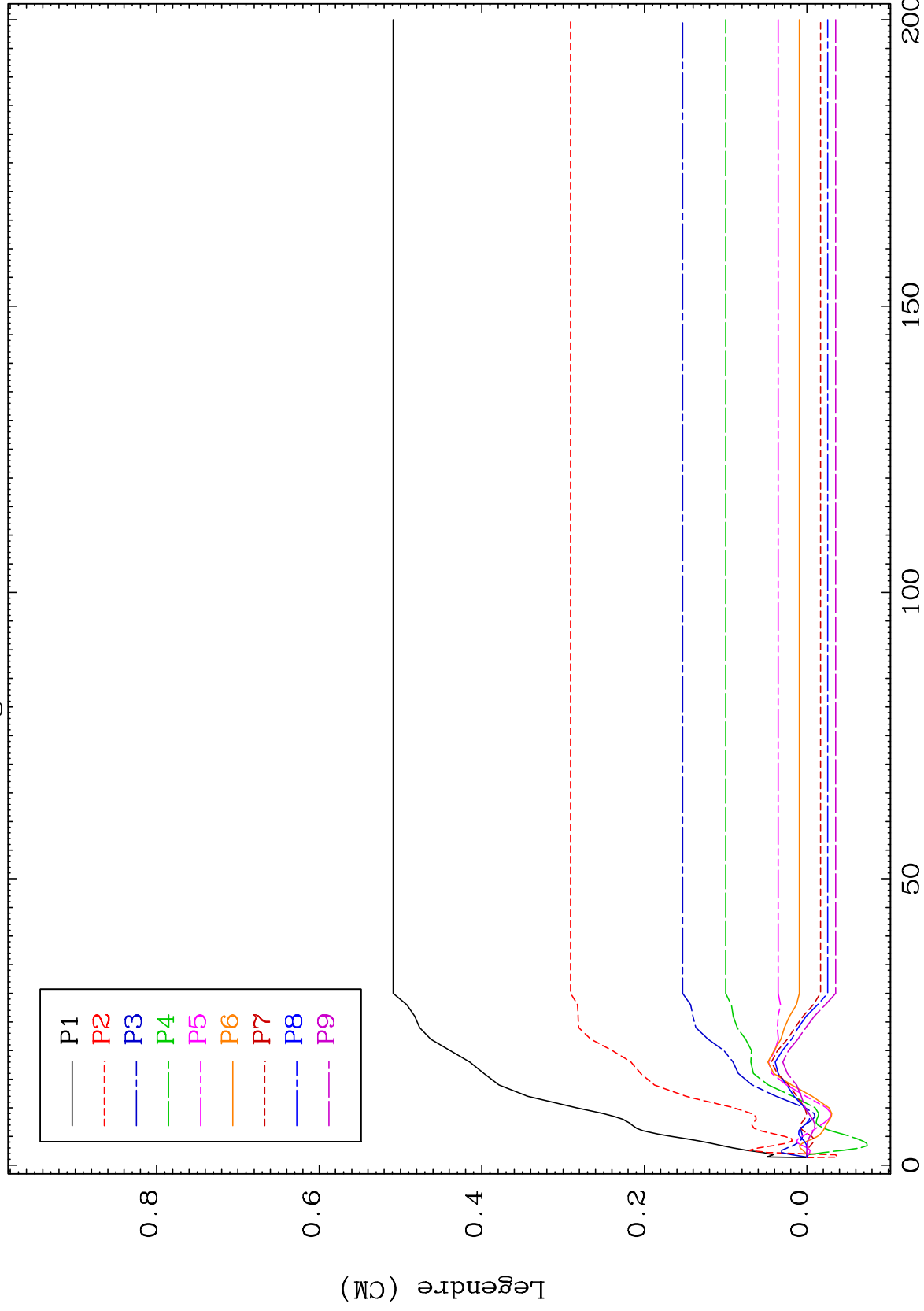
66-Dy-145



MAT 6592

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

66-Dy-145



53

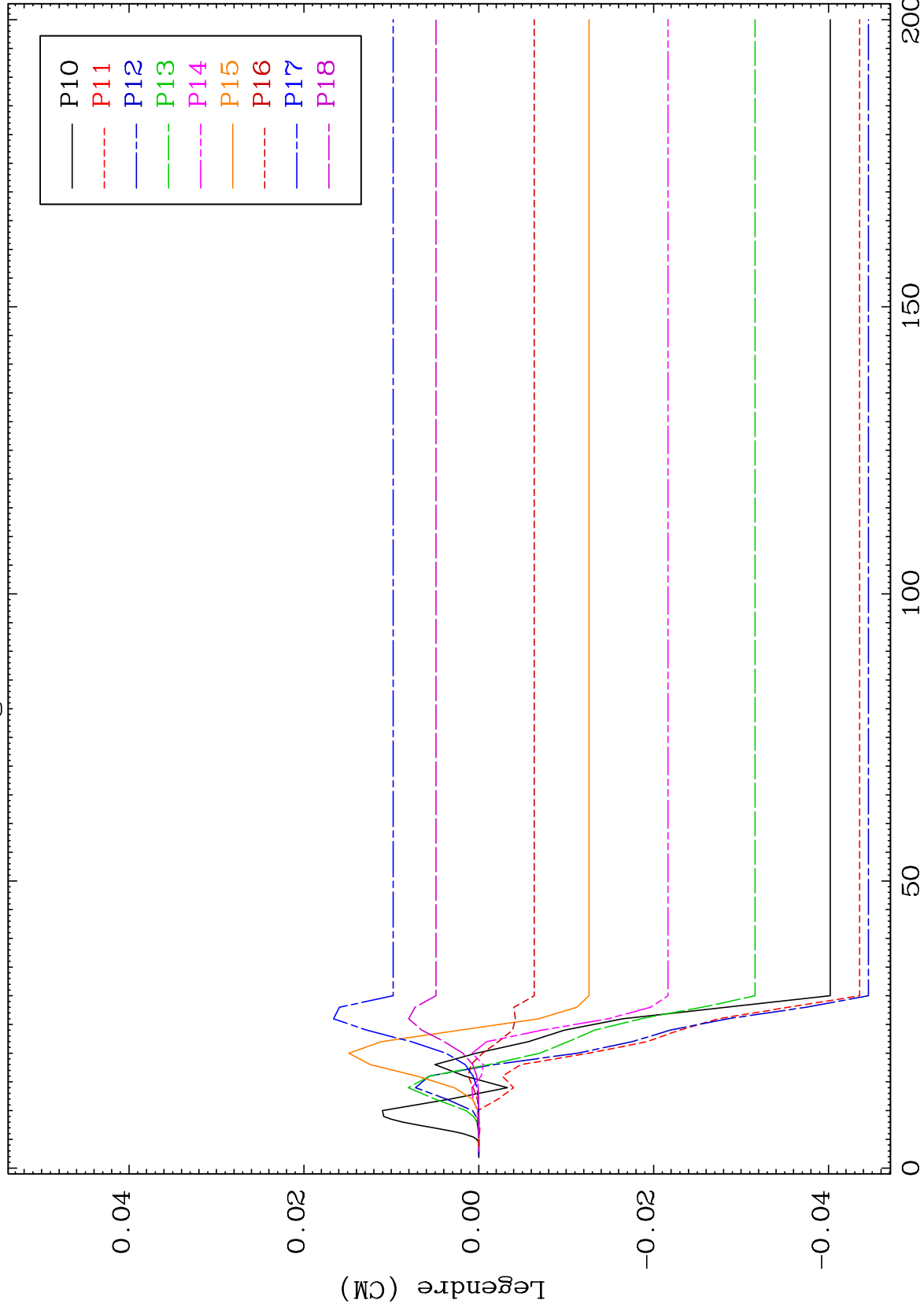
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



54

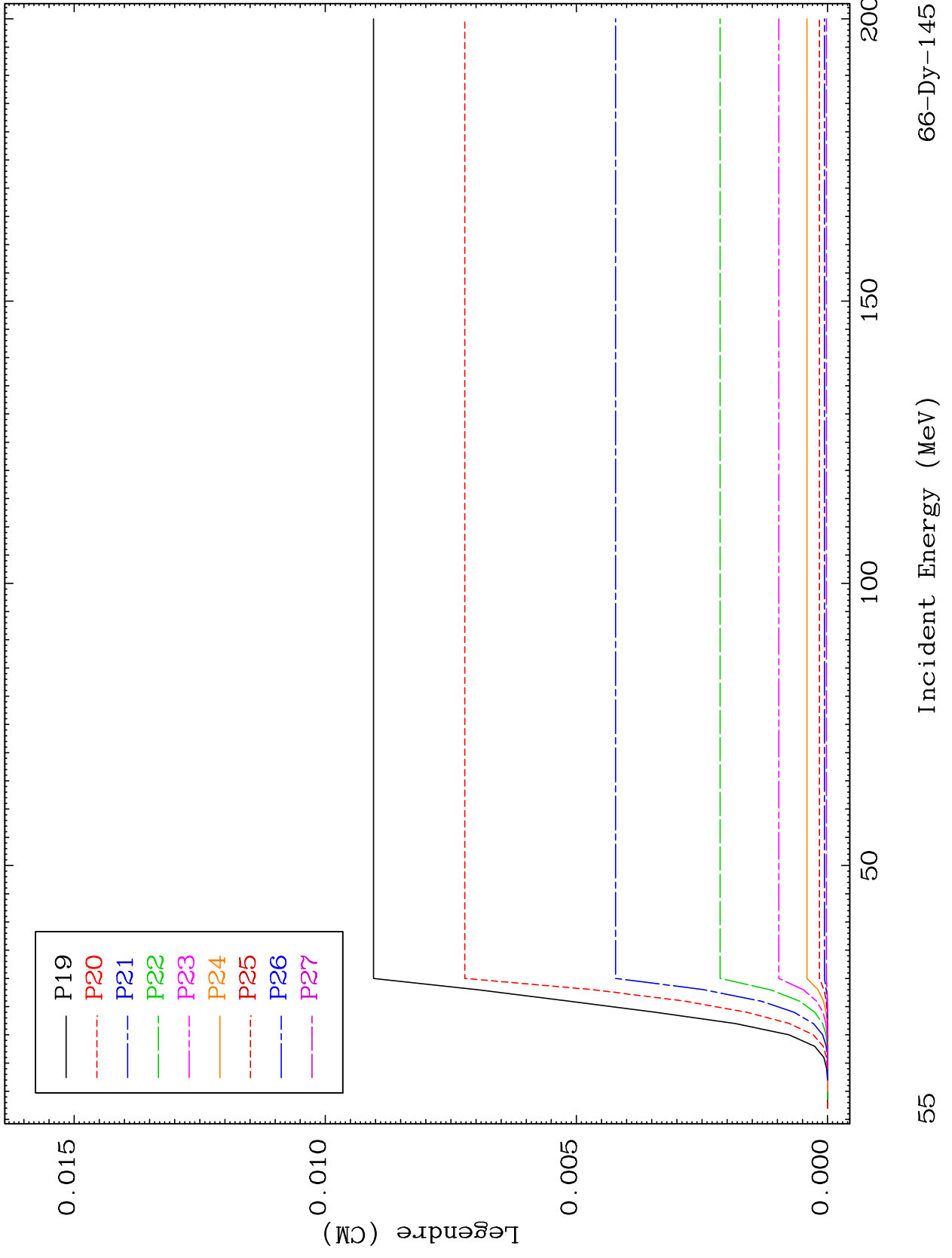
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



55

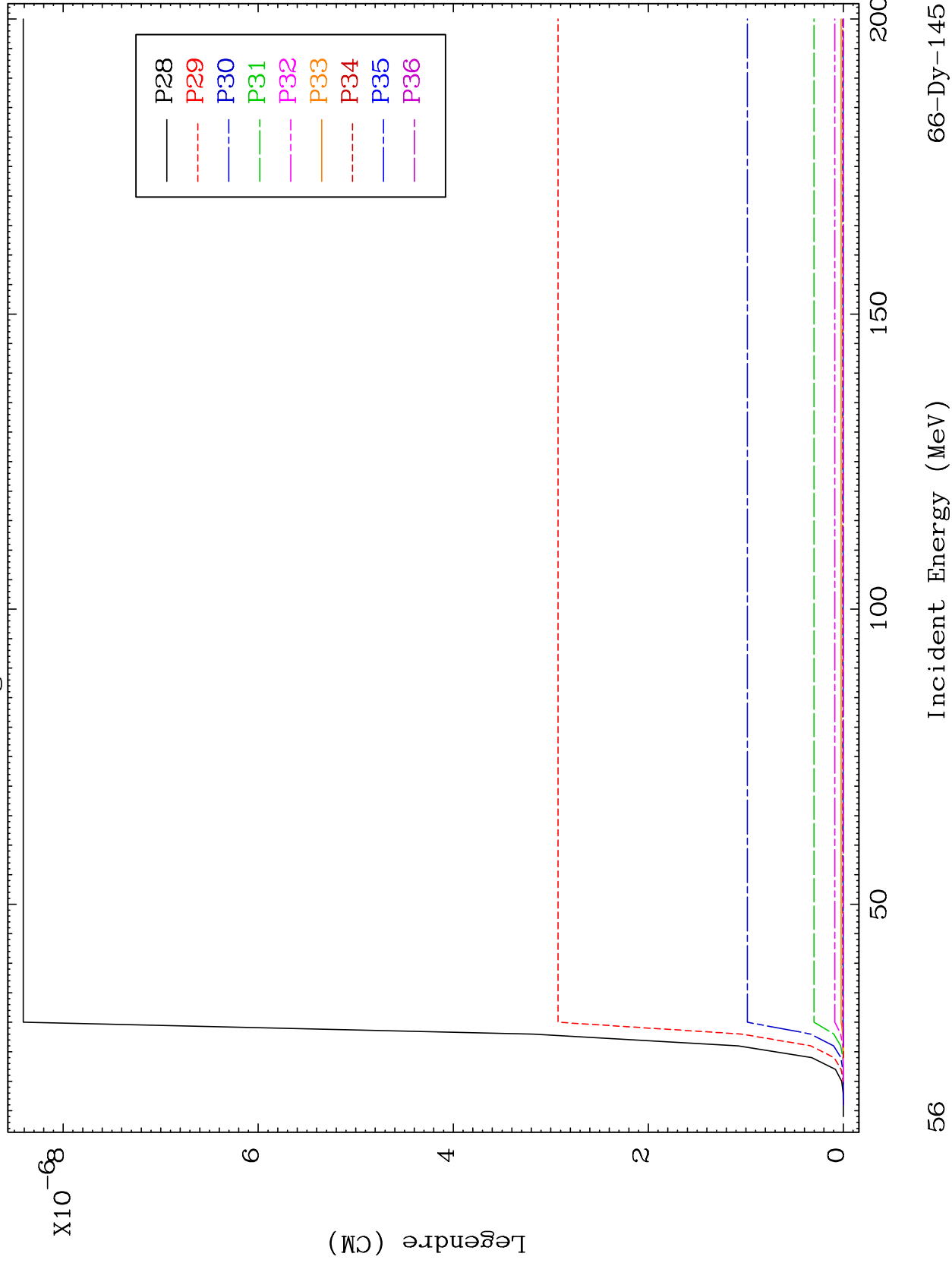
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



56

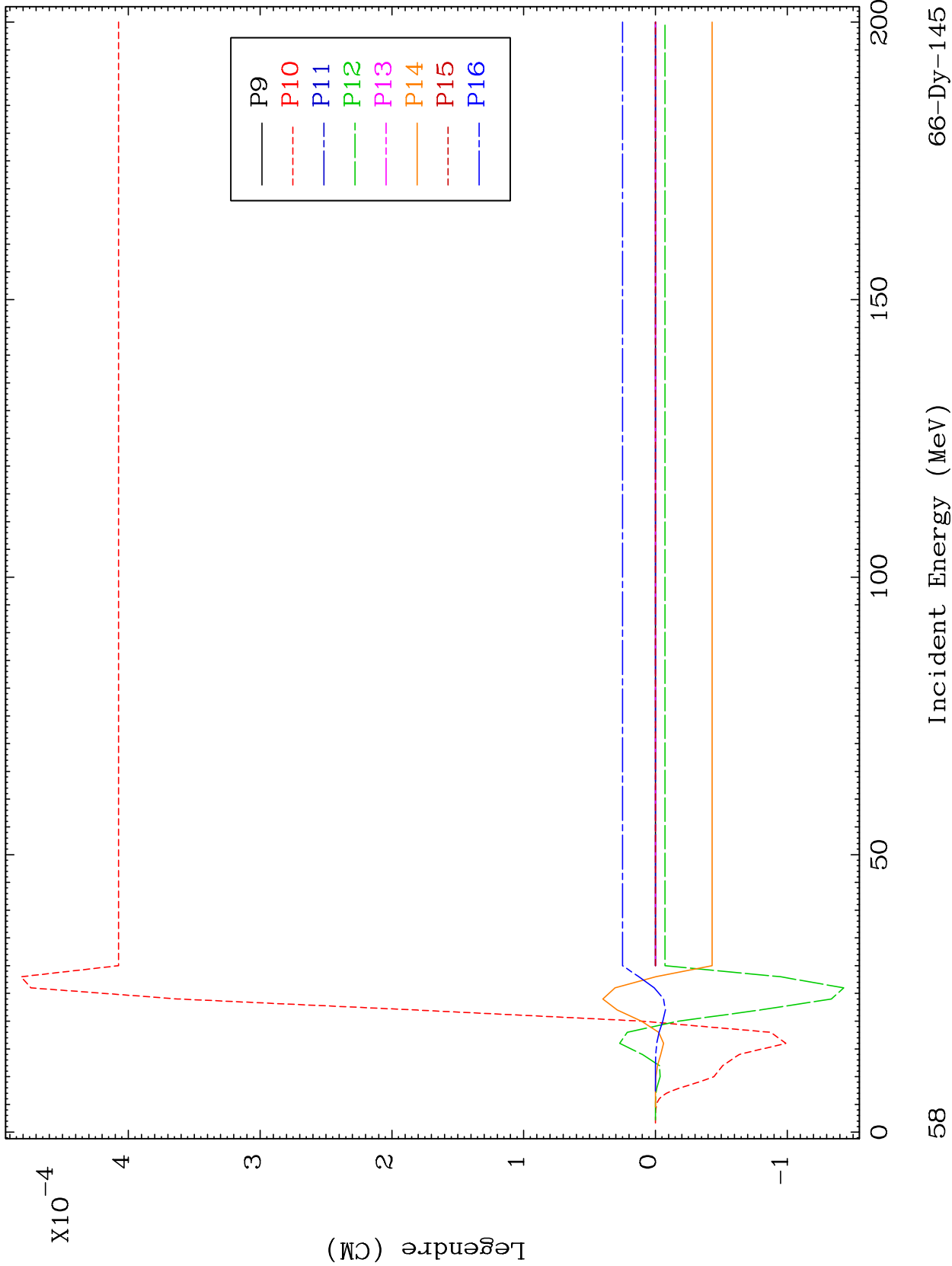
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

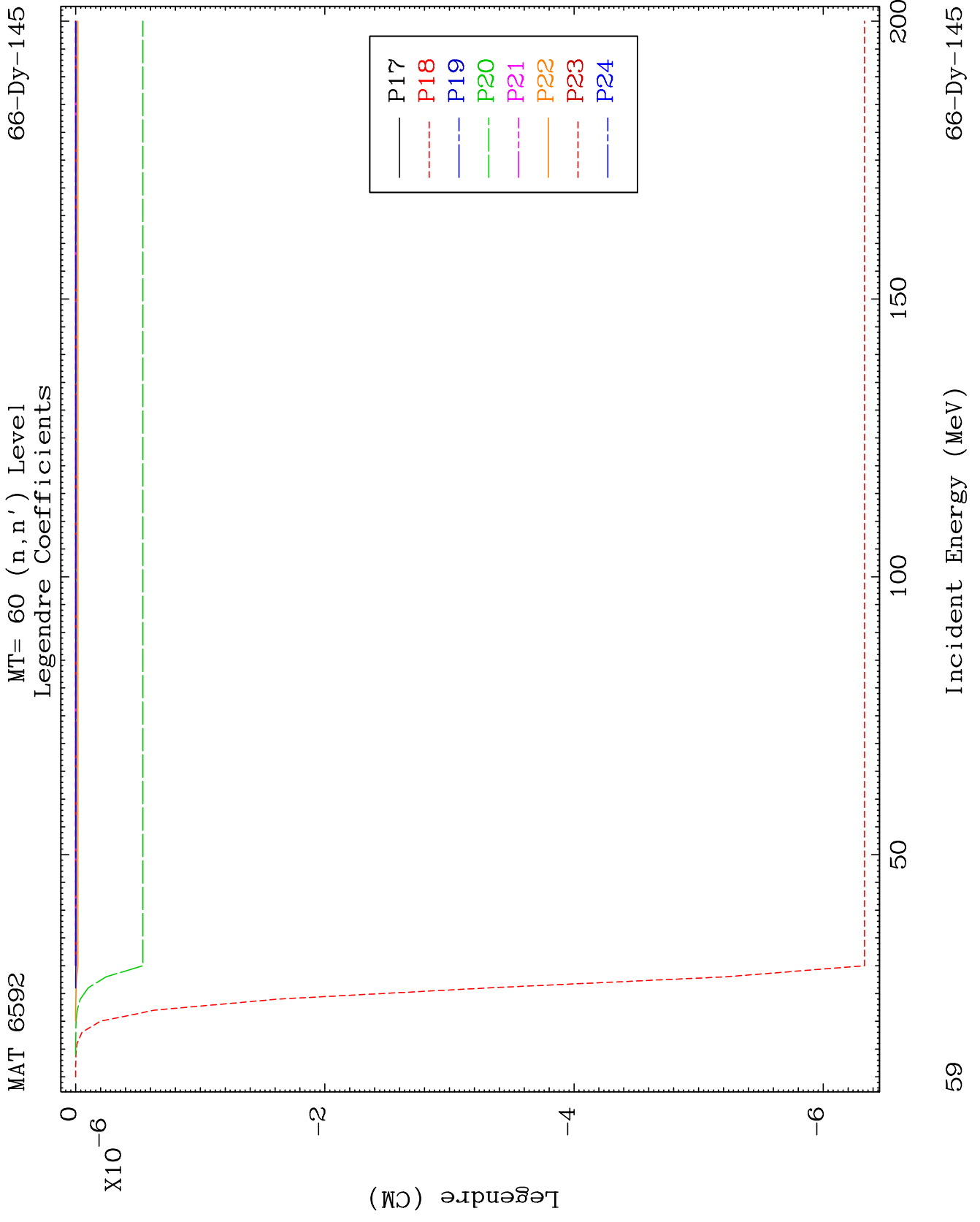
66-Dy-145



66-Dy-145

Incident Energy (MeV)

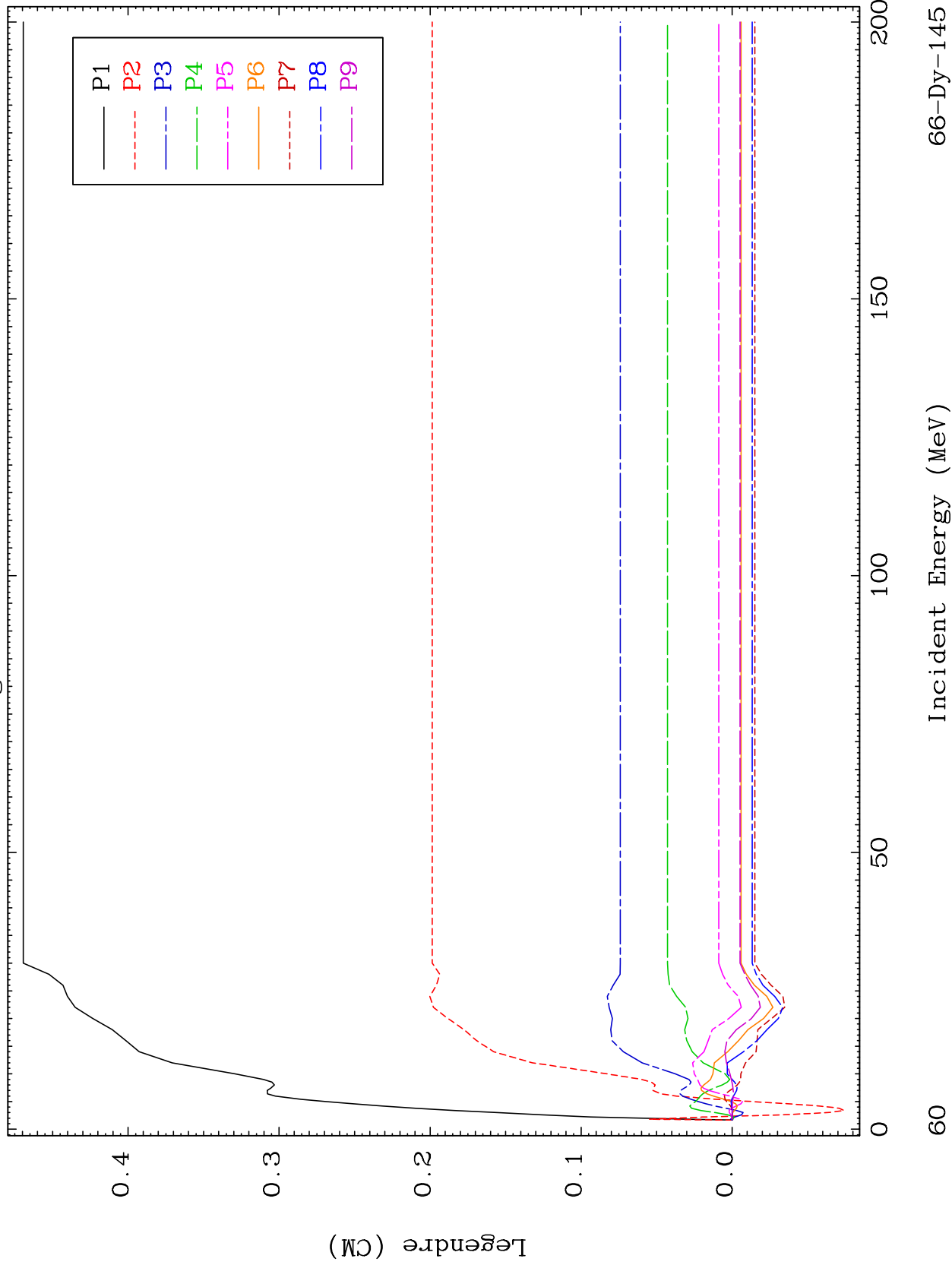
58



MAT 6592

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

66-Dy-145



66-Dy-145

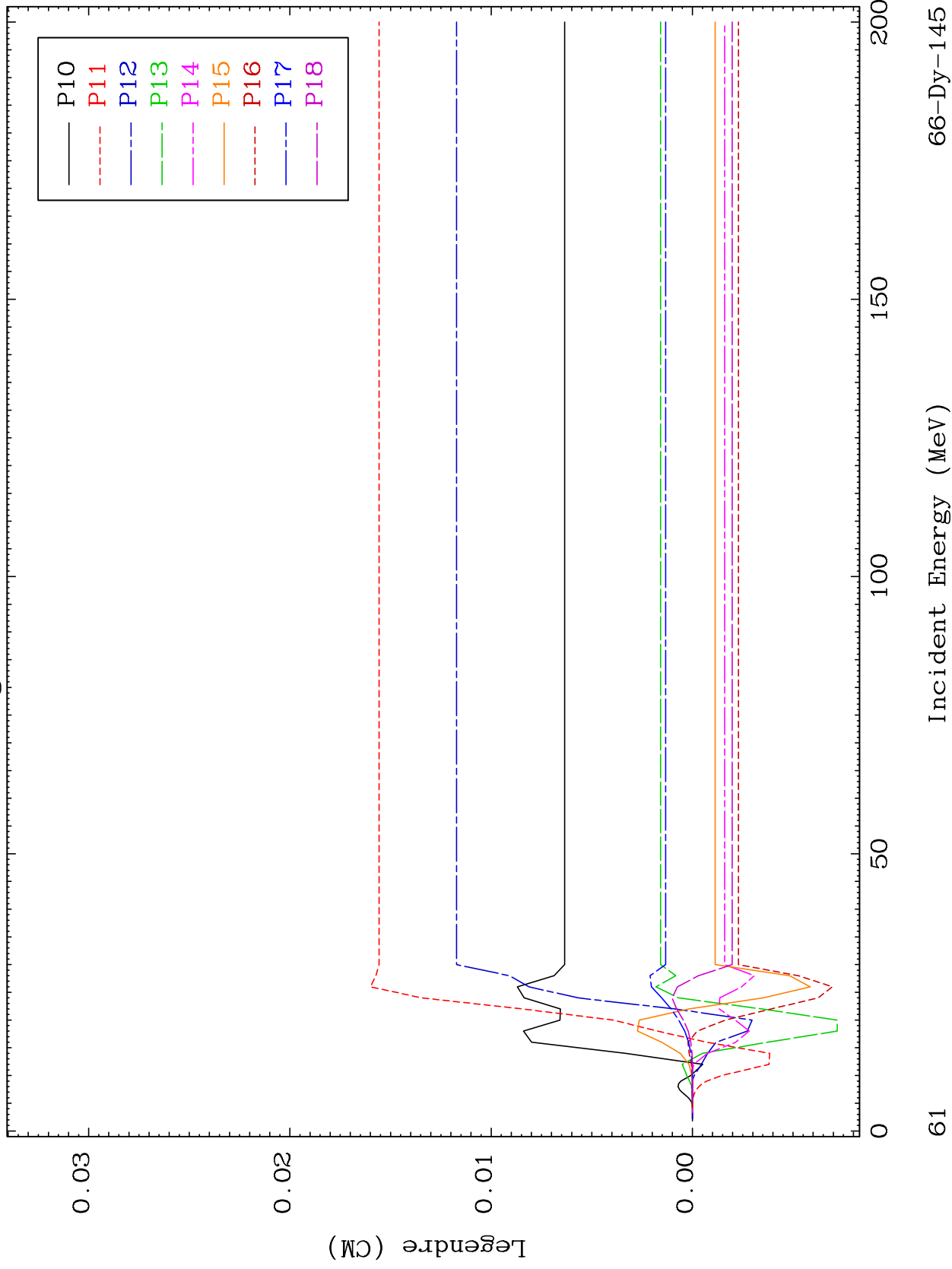
Incident Energy (MeV)

60

MAT 6592

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

66-Dy-145



66-Dy-145

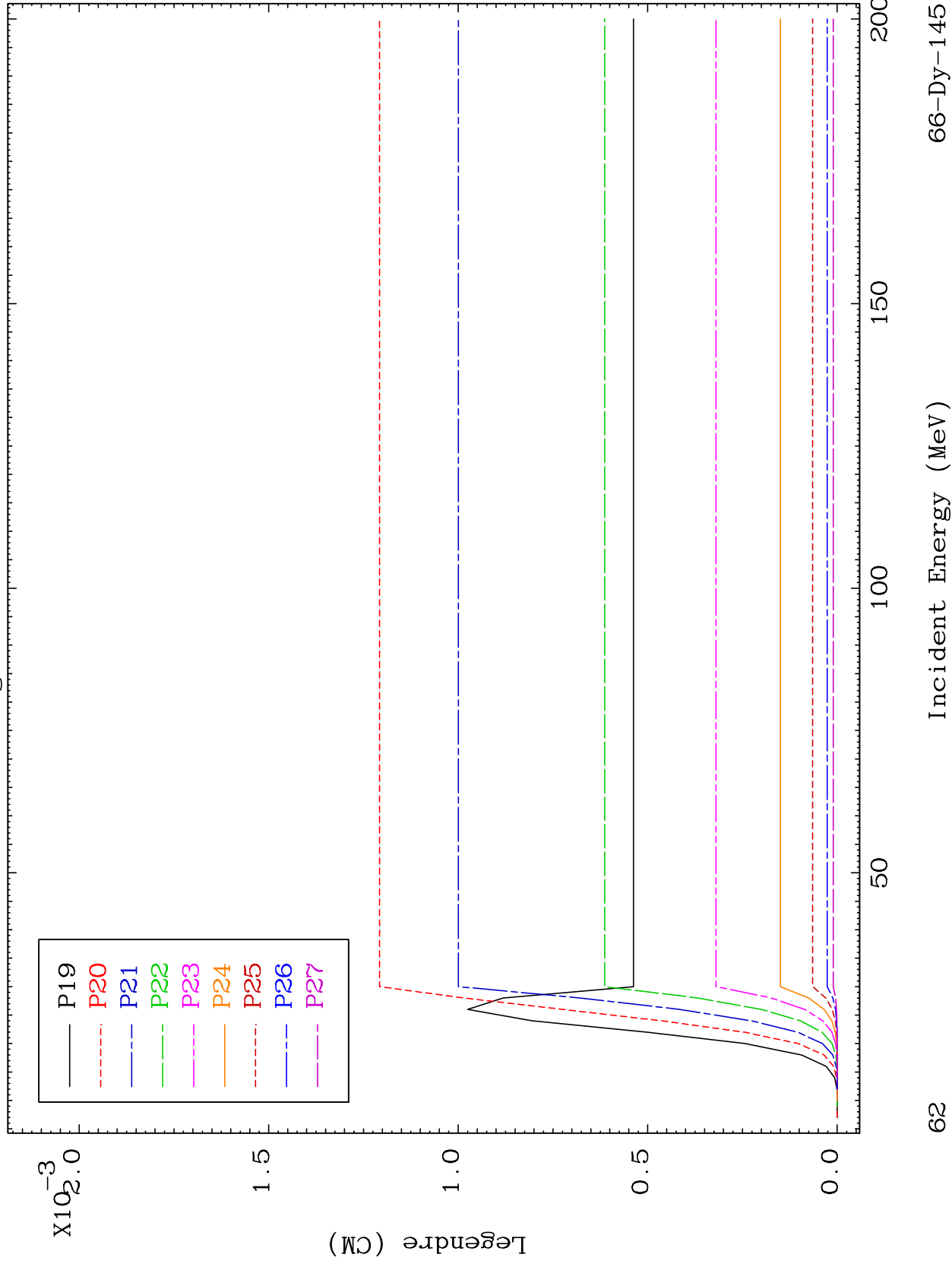
Incident Energy (MeV)

61

MAT 6592

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

66-Dy-145

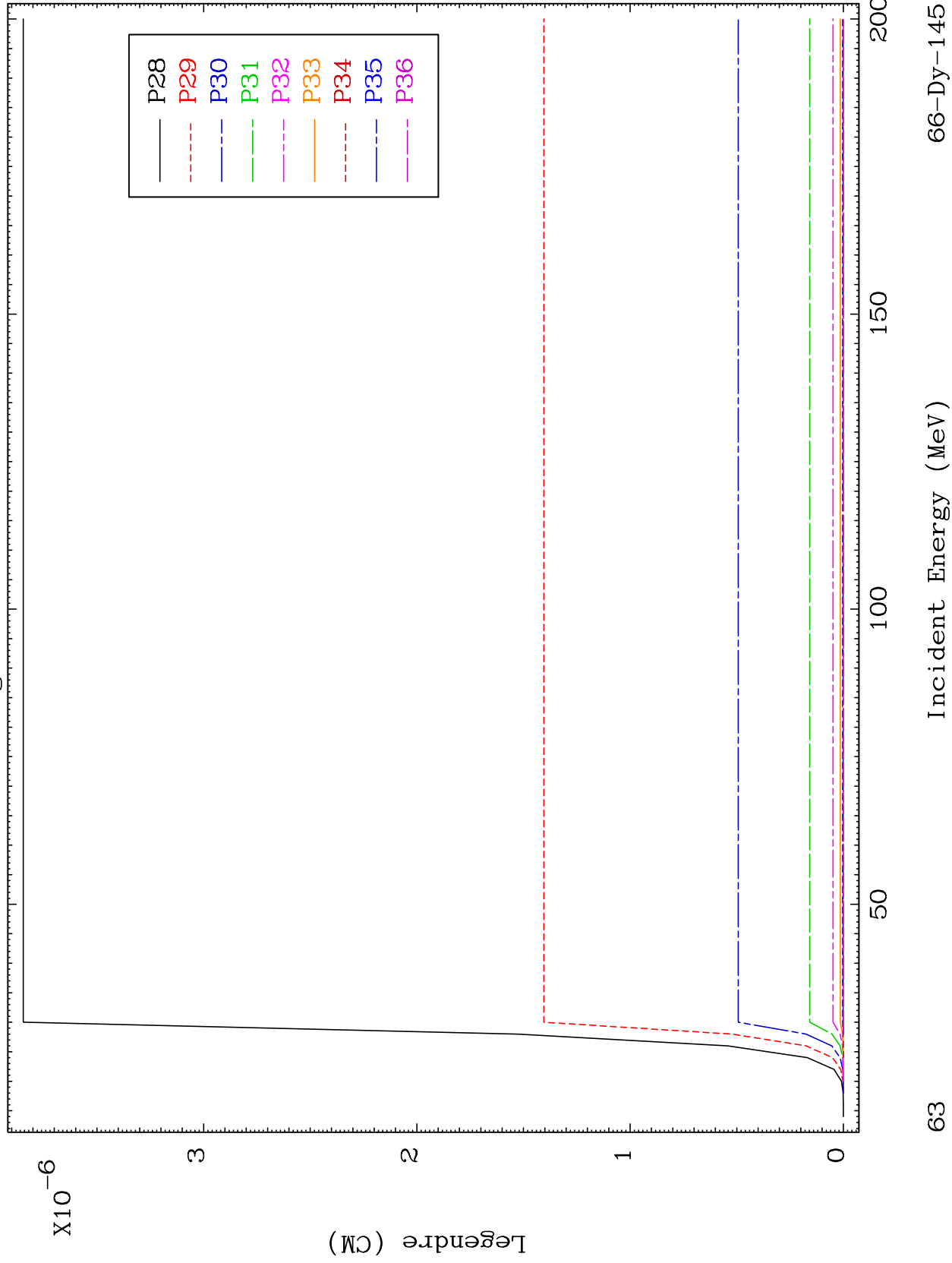


62

MAT 6592

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

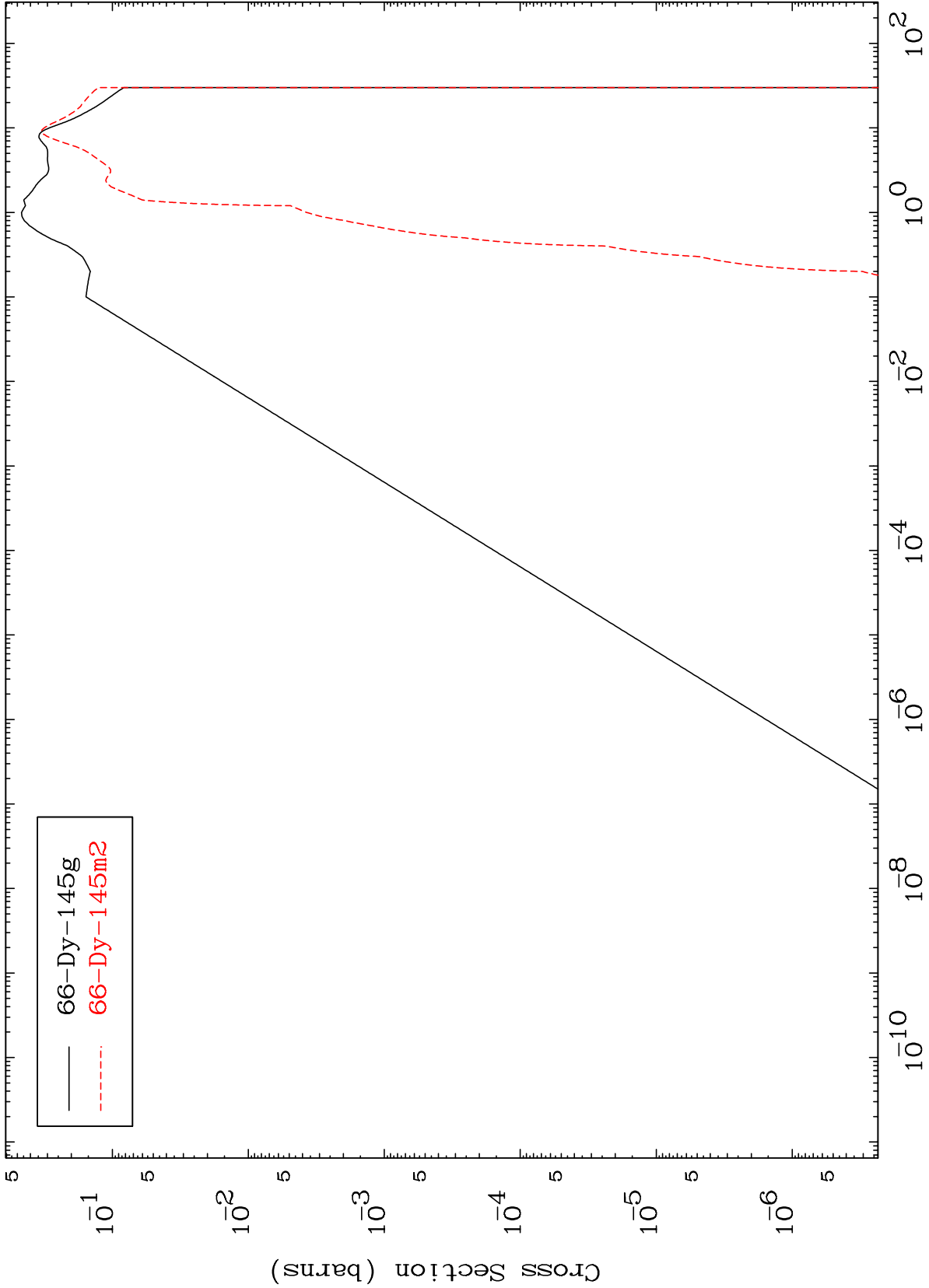
66-Dy-145



MAT 6592

Inelastic
Radionuclide Production Cross Section

66-Dy-145



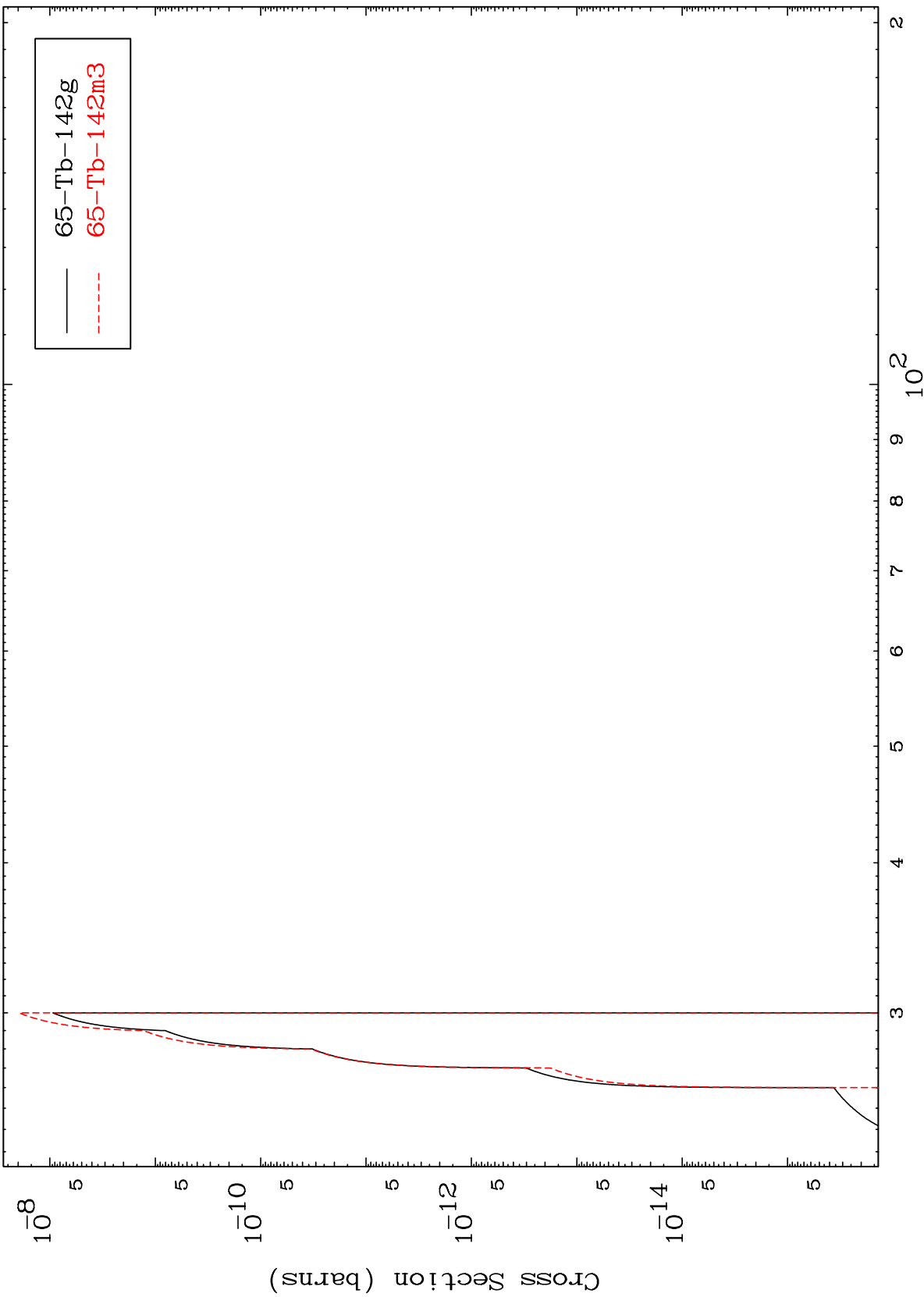
66-Dy-145g
66-Dy-145m2

MAT 6592

(n,2n) d

66-Dy-145

Radionuclide Production Cross Section



65

Incident Energy (MeV)

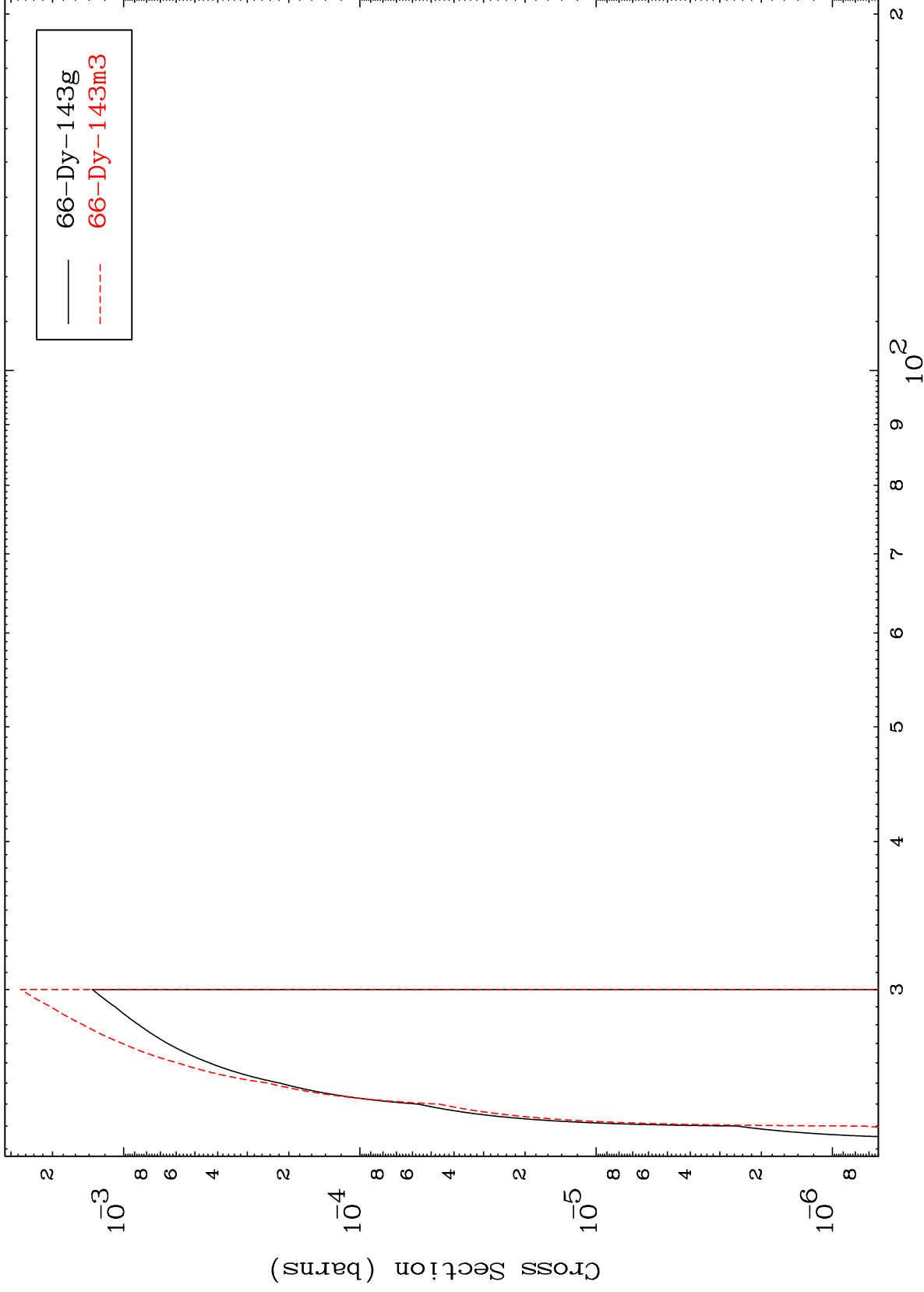
66-Dy-145

MAT 6592

(n,3n)

66-Dy-145

Radionuclide Production Cross Section



66

Incident Energy (MeV)

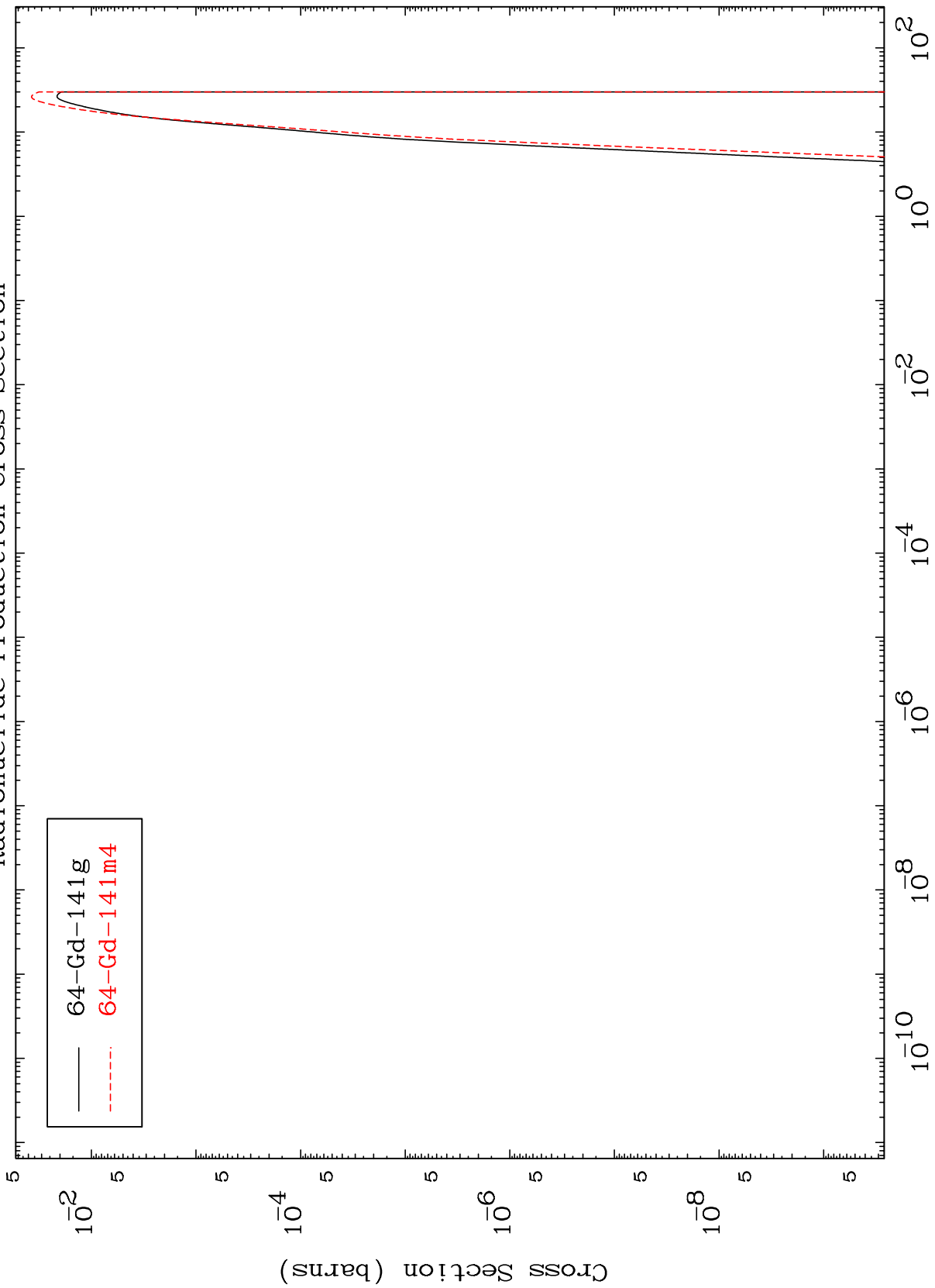
66-Dy-145

MAT 6592

(n, n') α

66-Dy-145

Radionuclide Production Cross Section



64-Gd-141g
64-Gd-141m4

Incident Energy (MeV)

66-Dy-145

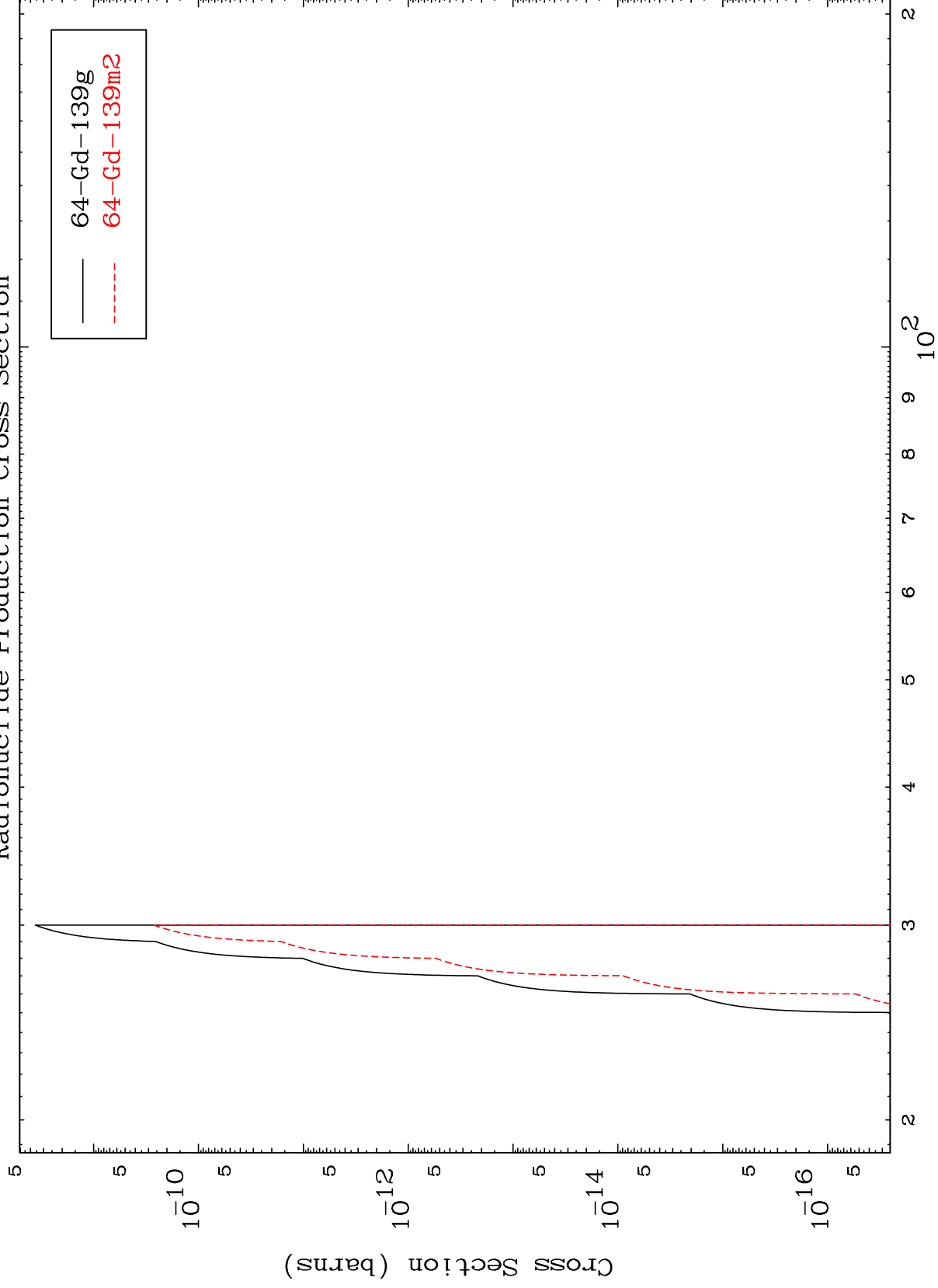
67

MAT 6592

(n,3n) α

66-Dy-145

Radionuclide Production Cross Section



68

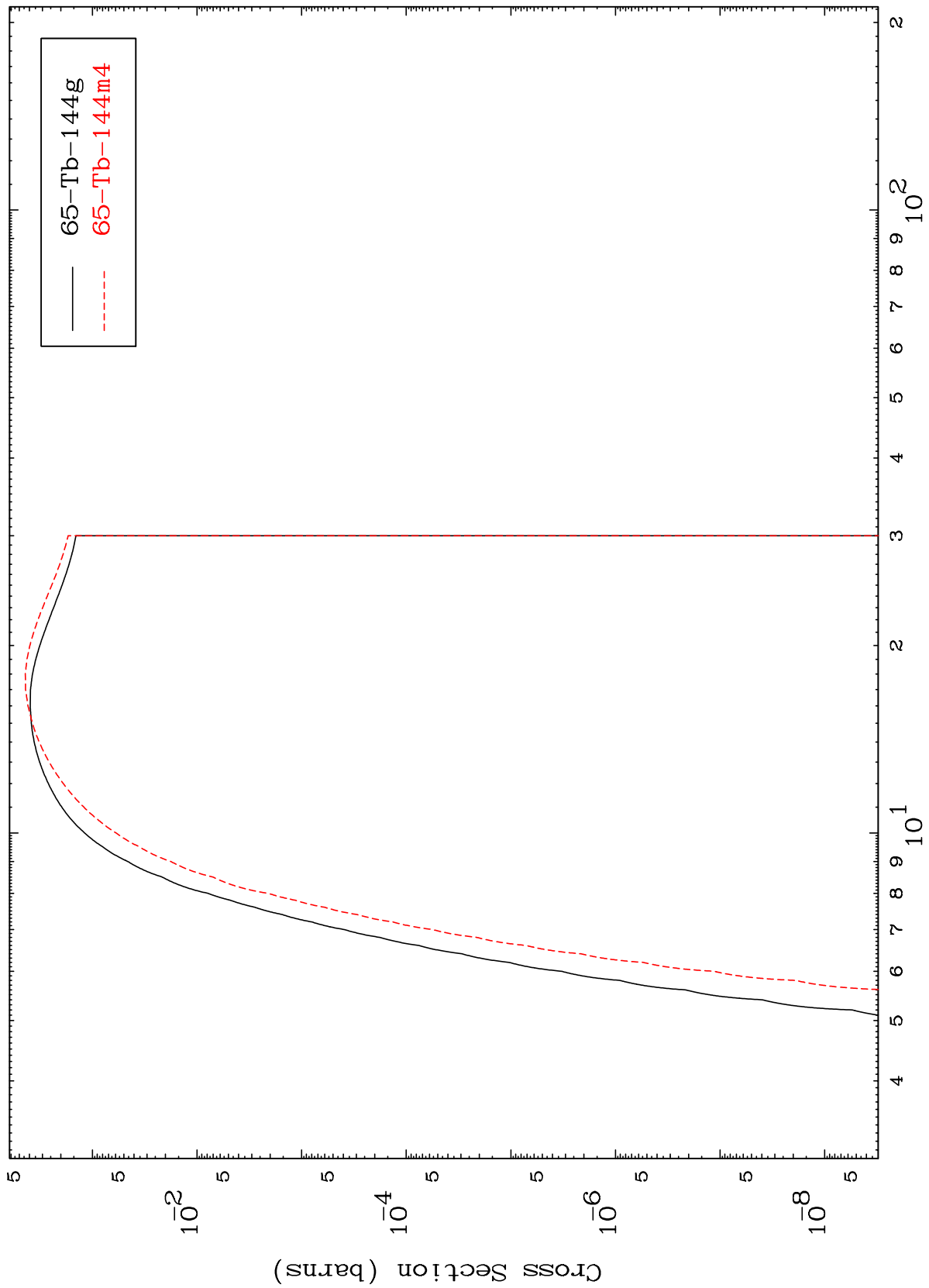
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n, n') p
Radionuclide Production Cross Section



69

Incident Energy (MeV)

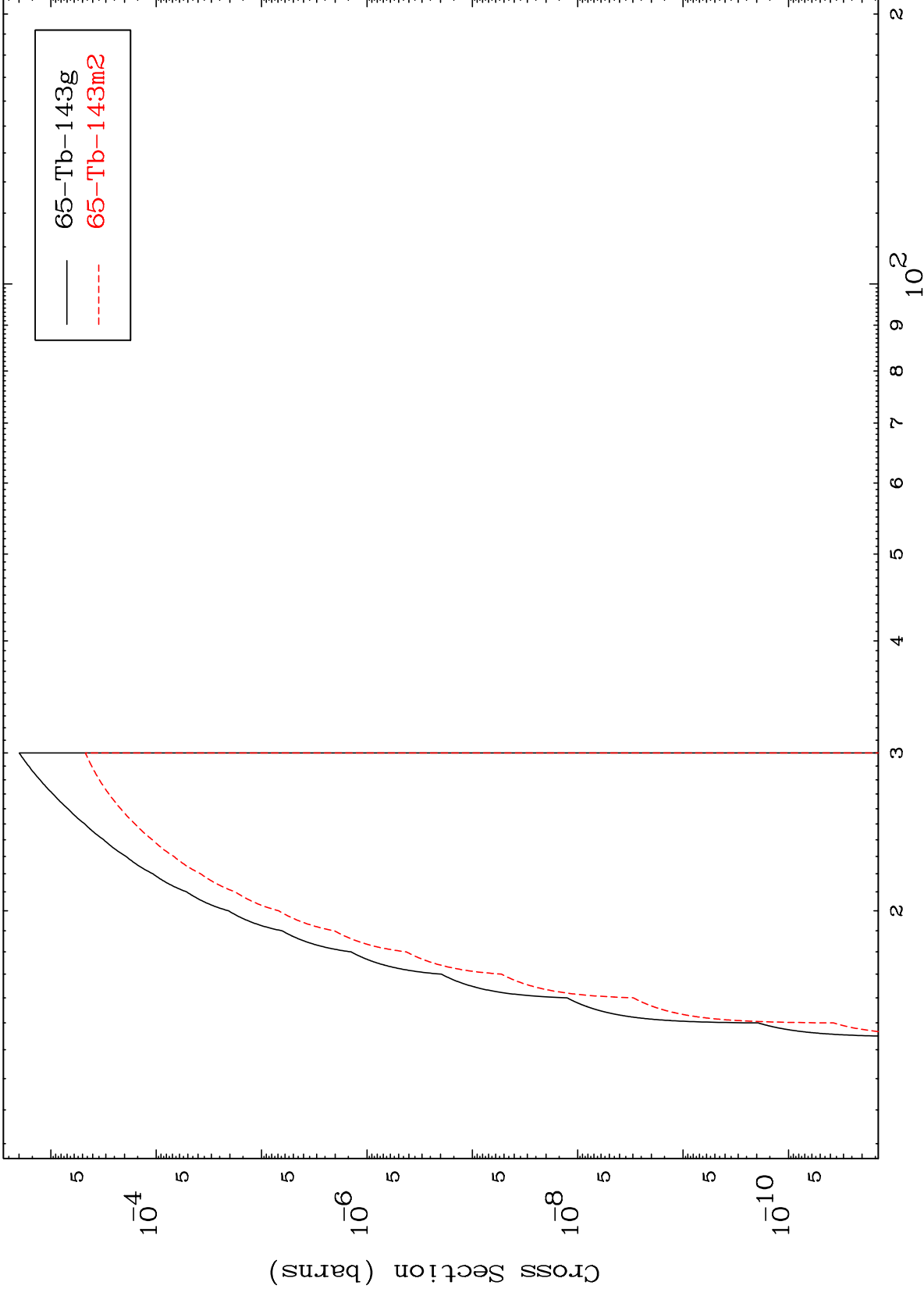
66-Dy-145

MAT 6592

(n,n') d

66-Dy-145

Radionuclide Production Cross Section



70

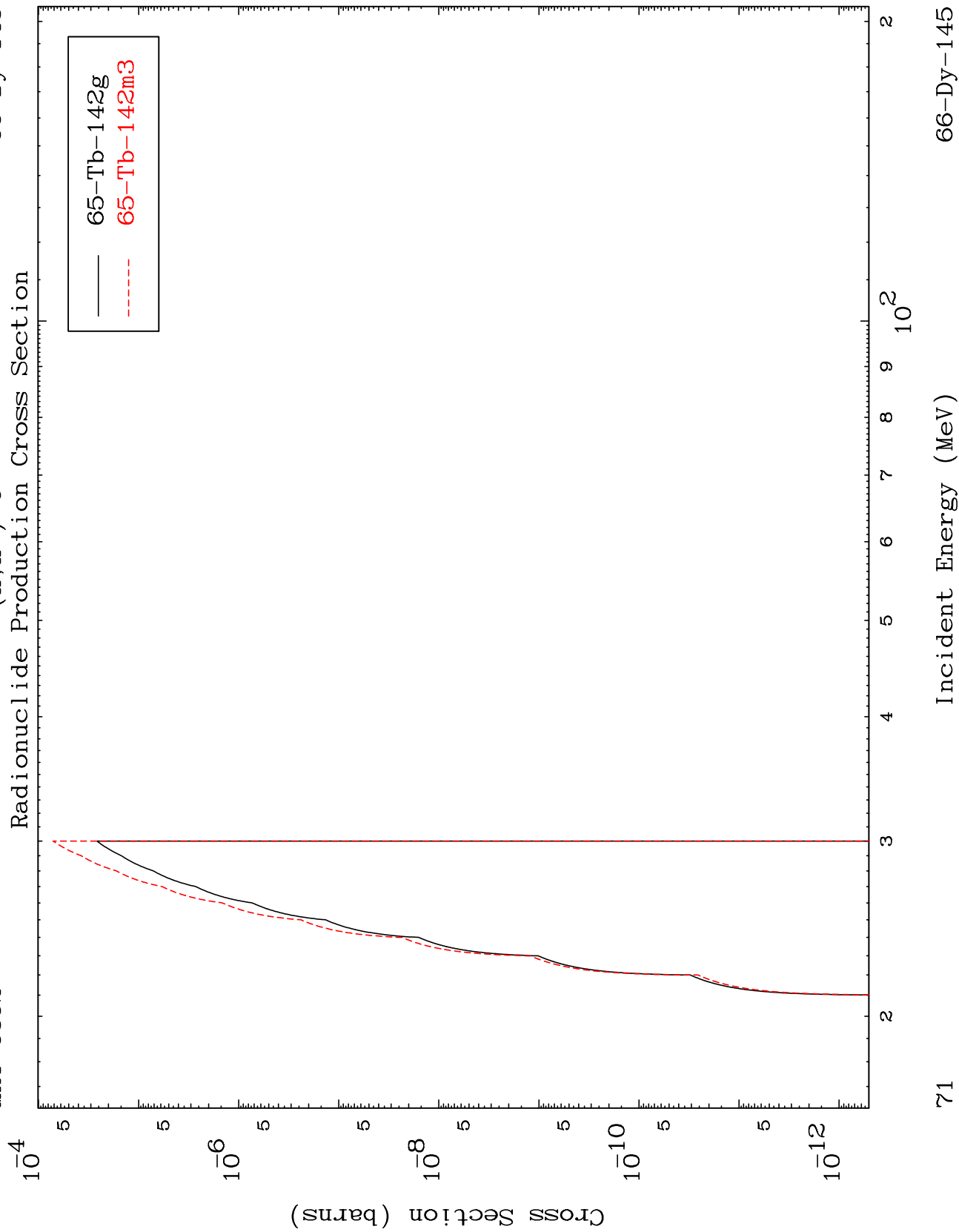
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,n') t

66-Dy-145



71

Incident Energy (MeV)

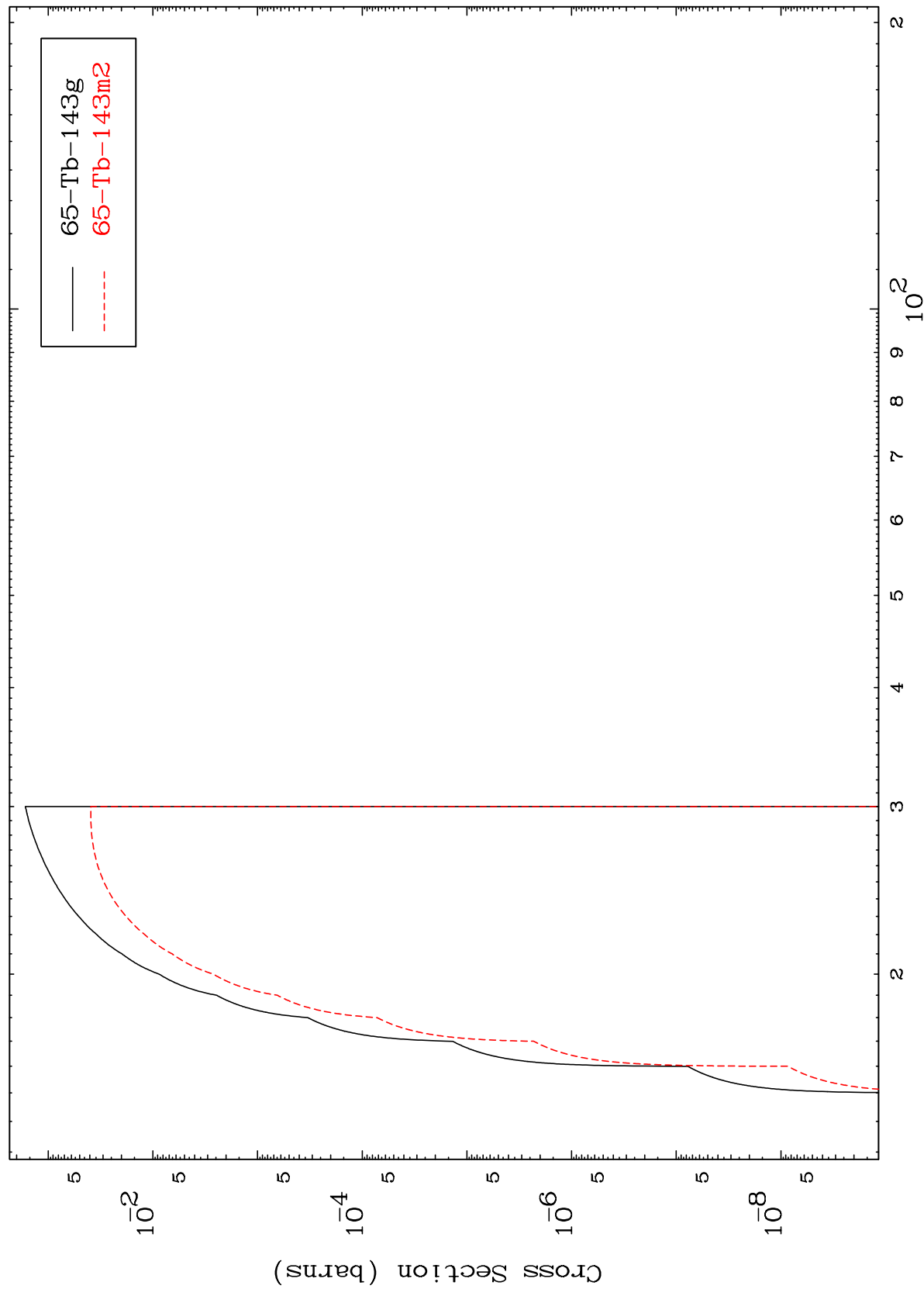
66-Dy-145

MAT 6592

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



72

Incident Energy (MeV)

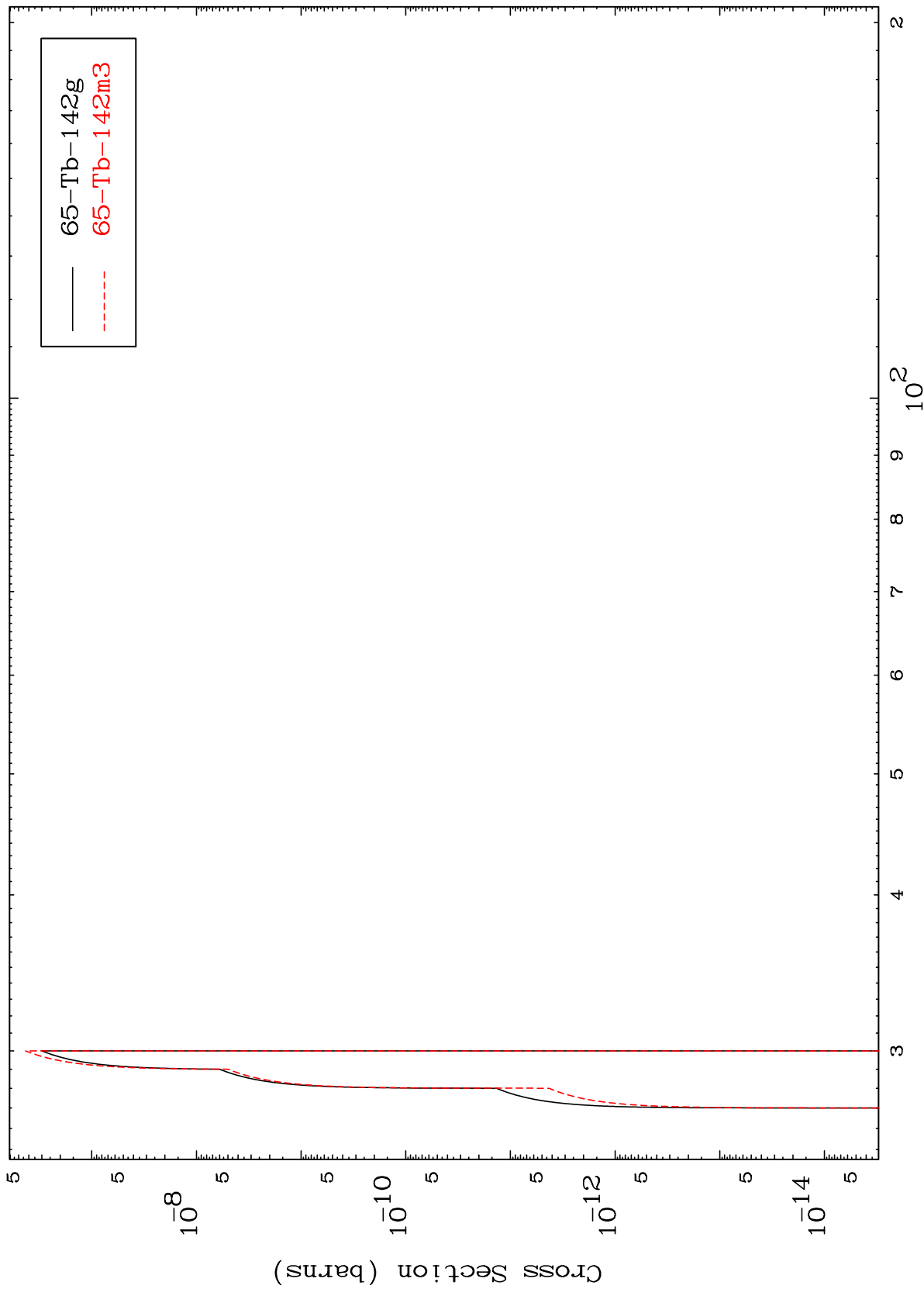
66-Dy-145

MAT 6592

(n,3n) p

66-Dy-145

Radionuclide Production Cross Section



73

Incident Energy (MeV)

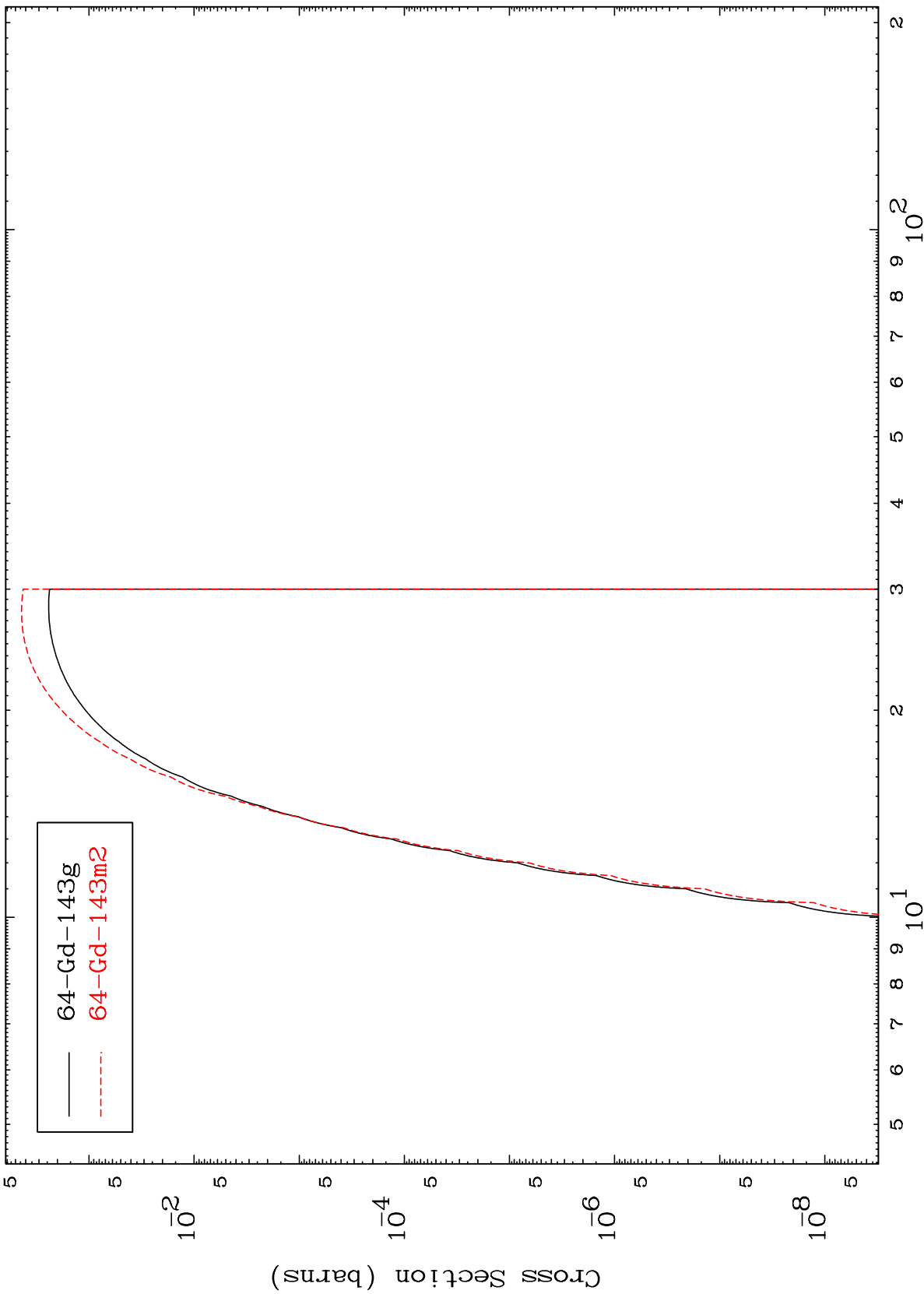
66-Dy-145

MAT 6592

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



74

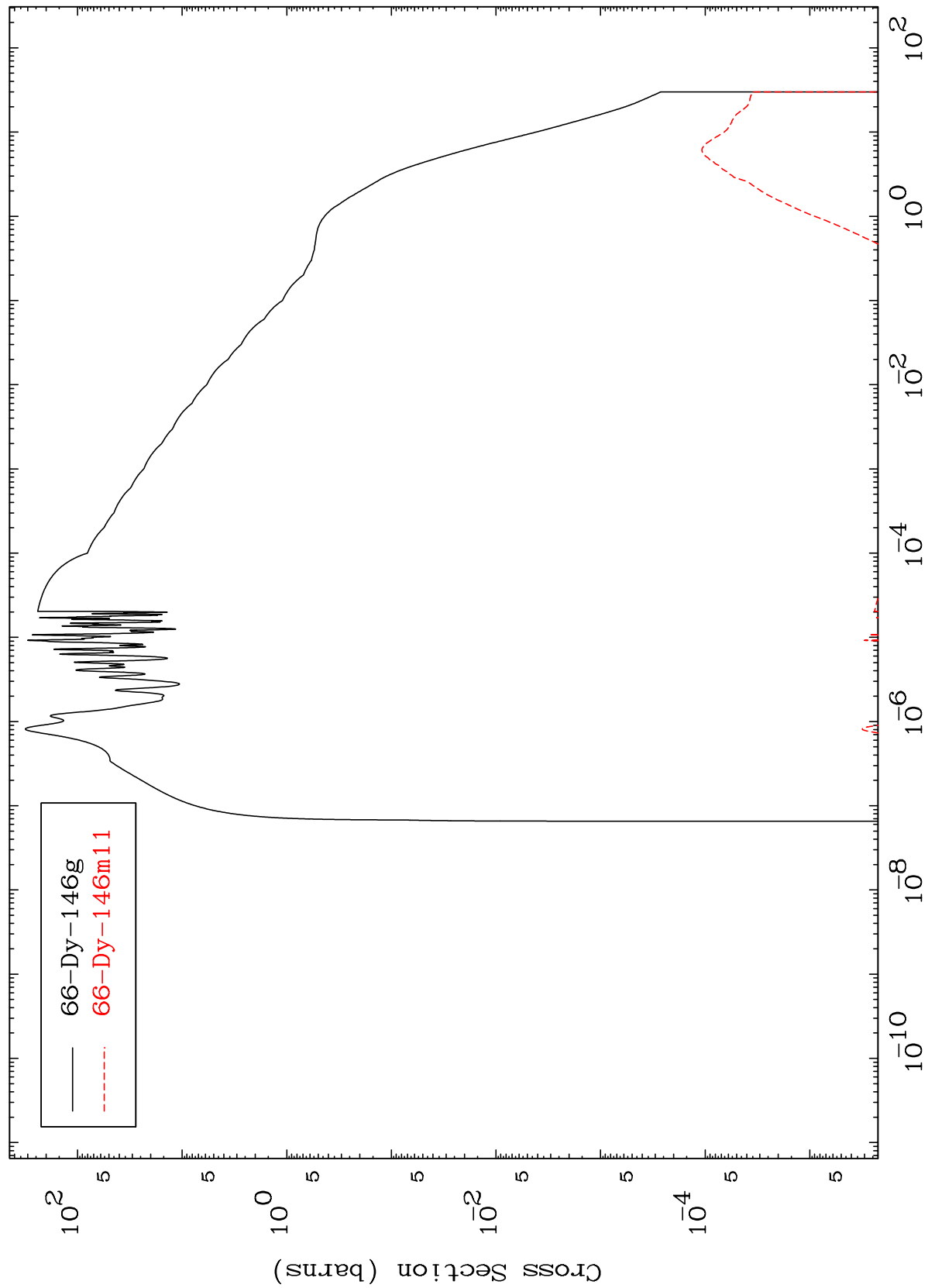
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

Radionuclide Production Cross Section
(n, γ)



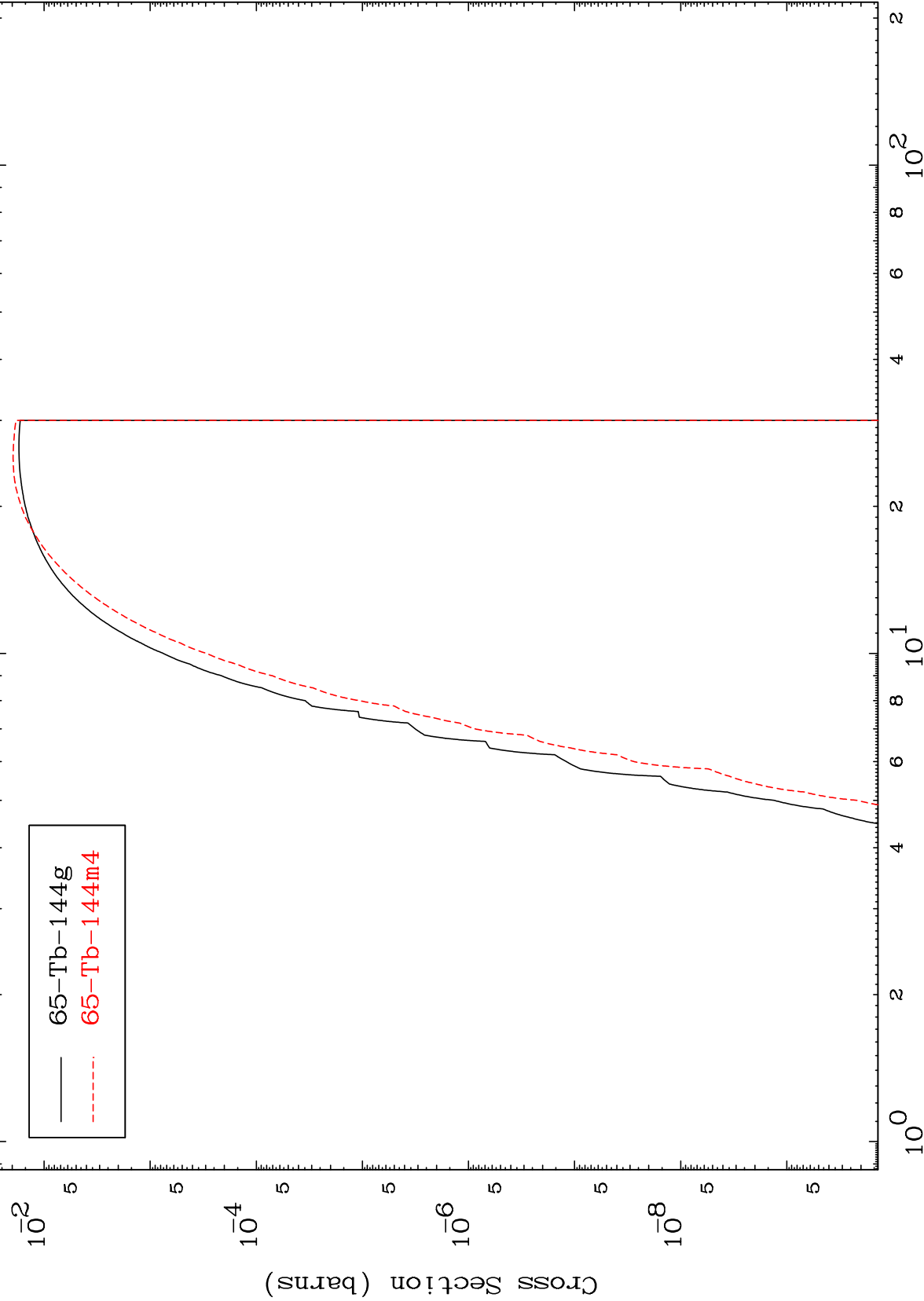
75

66-Dy-145

MAT 6592

66-Dy-145

(n,d)
Radionuclide Production Cross Section



76

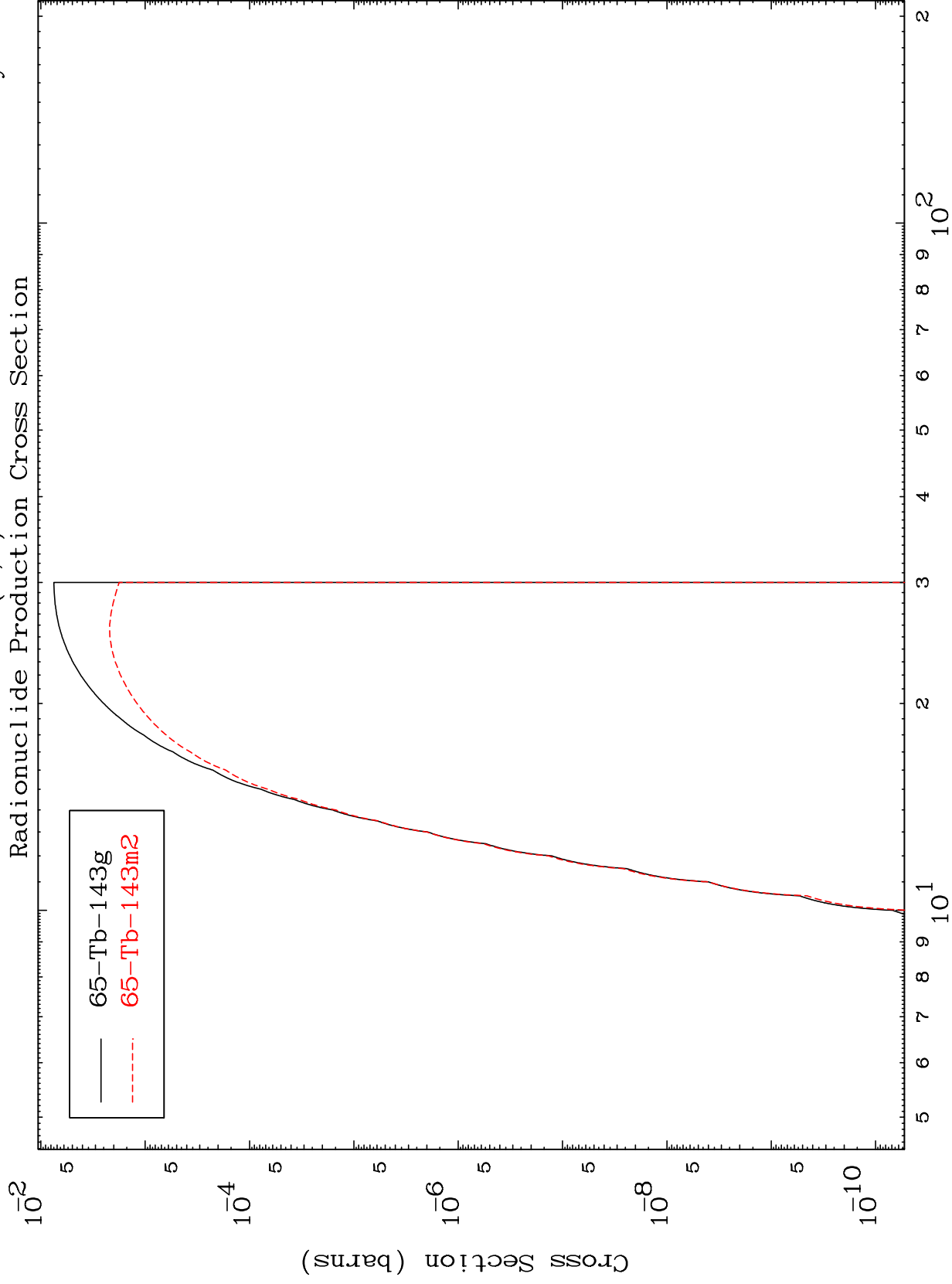
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n,t)
Radionuclide Production Cross Section



77

Incident Energy (MeV)

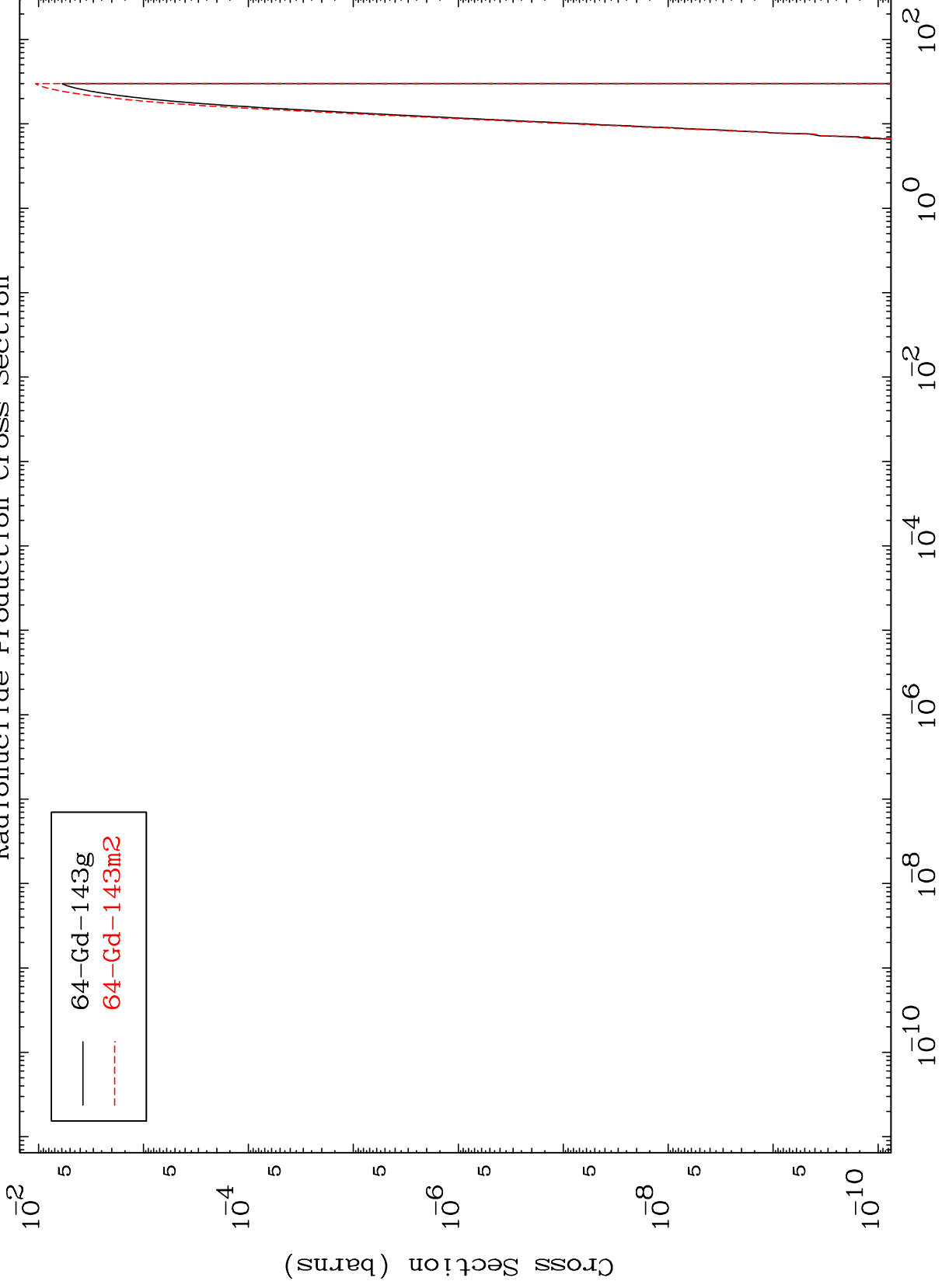
66-Dy-145

MAT 6592

(n,He-3)

66-Dy-145

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

78

Incident Energy (MeV)

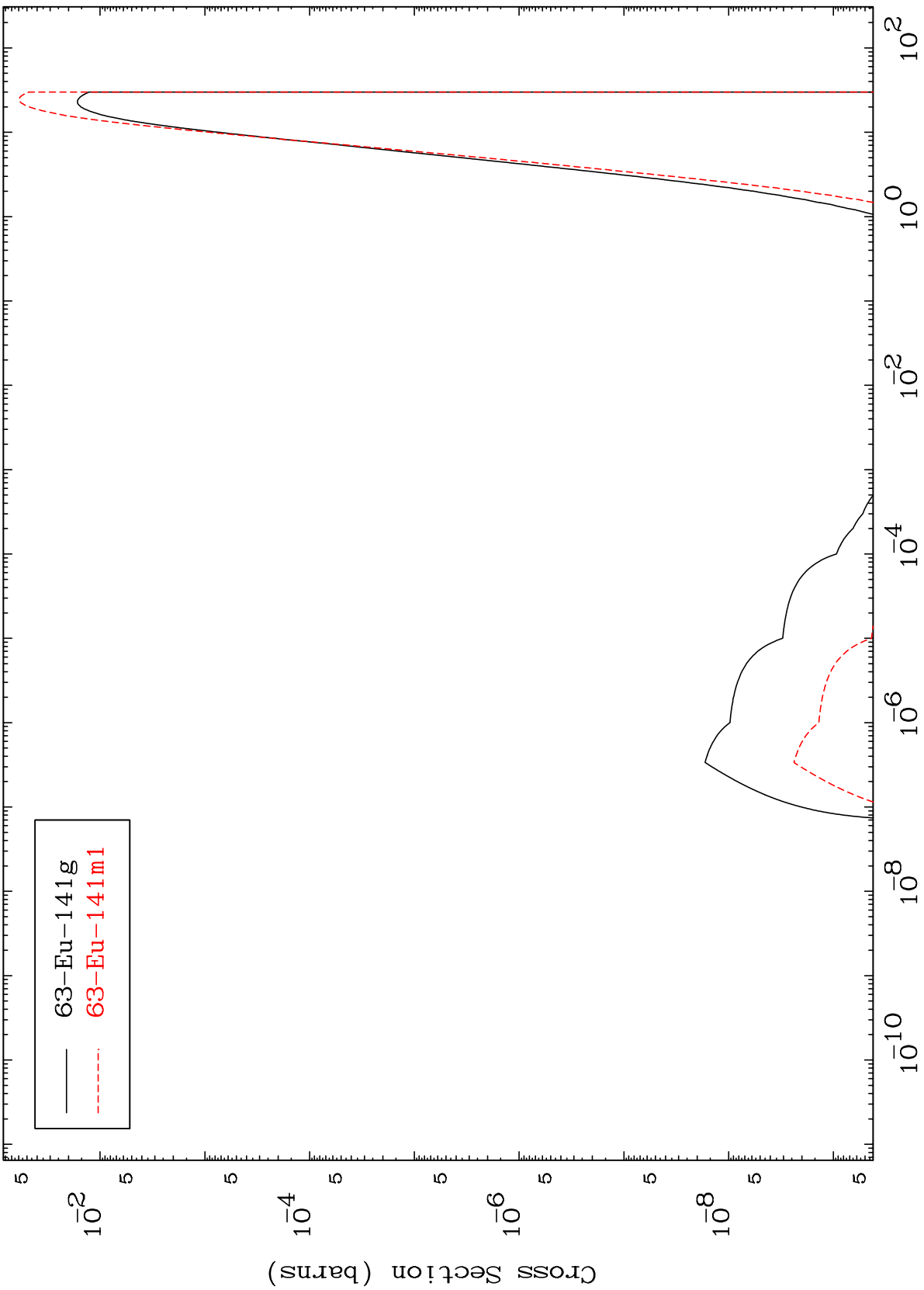
66-Dy-145

MAT 6592

(n,p) α

66-Dy-145

Radionuclide Production Cross Section



79

Incident Energy (MeV)

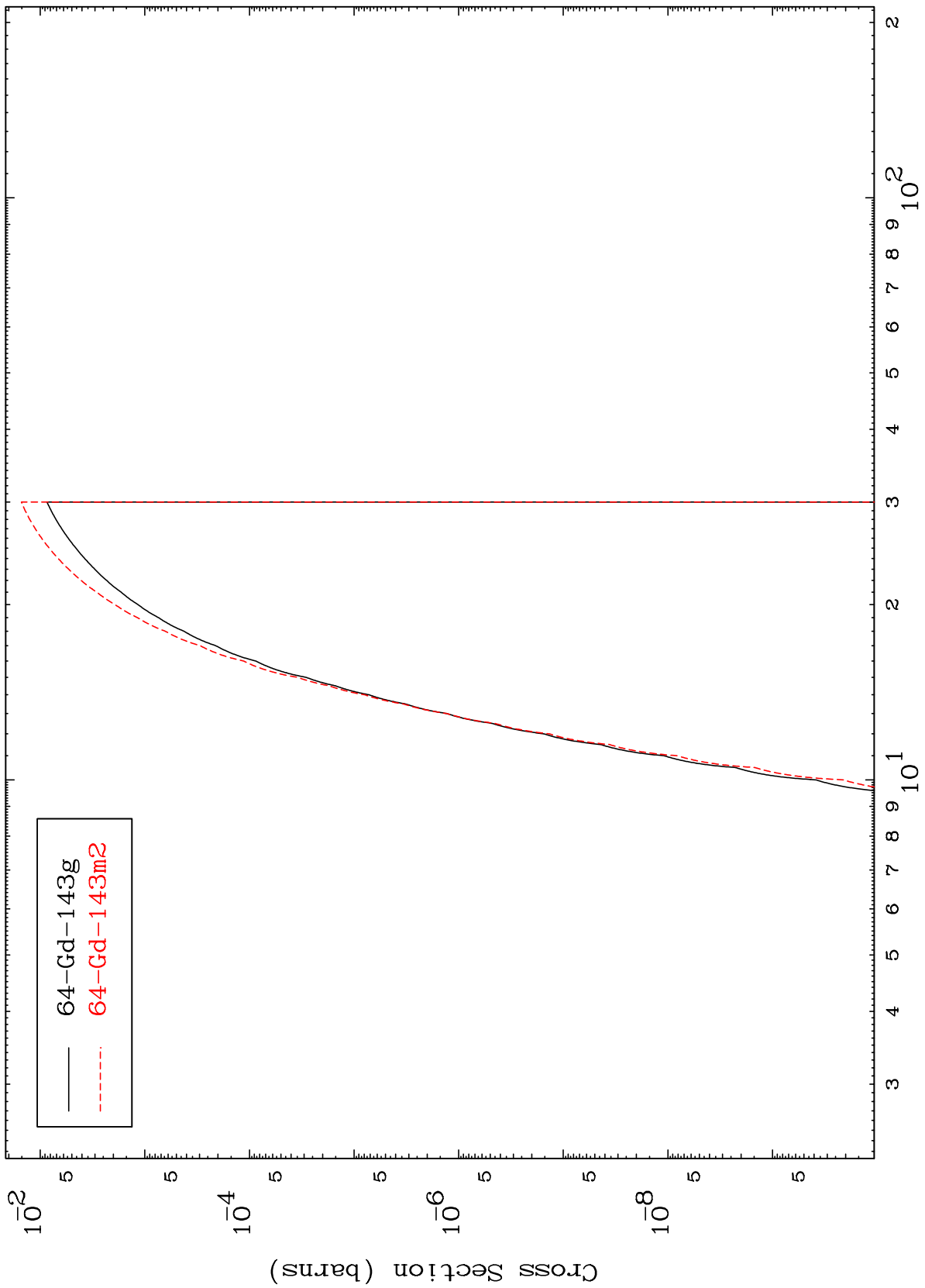
66-Dy-145

MAT 6592

(n,p) d

66-Dy-145

Radionuclide Production Cross Section



80

Incident Energy (MeV)

66-Dy-145