

Program EVALPLOT
(Version 2018-1)

by

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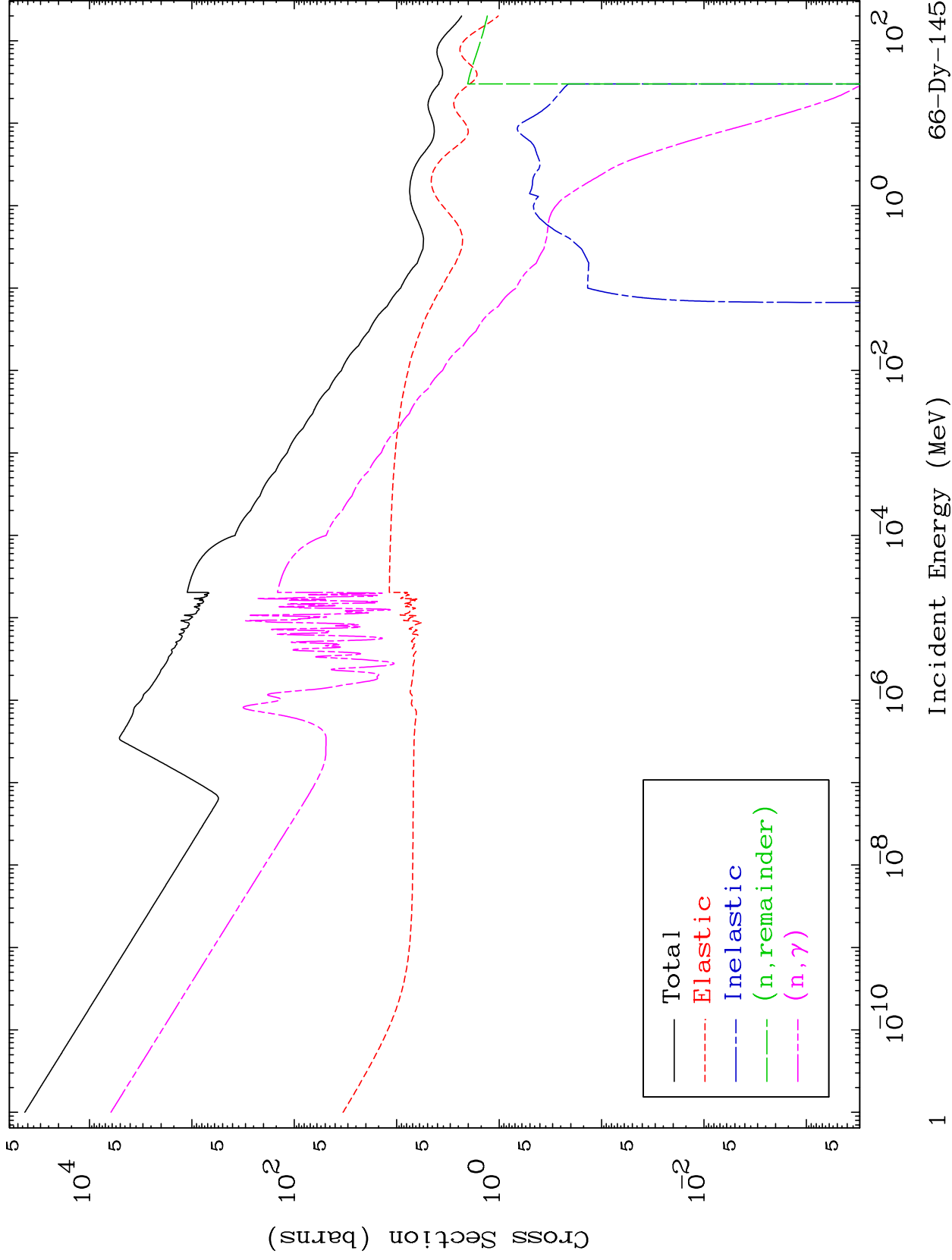
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Press Mouse Button to Start

MAT 6592

Major
293 Kelvin Cross Sections

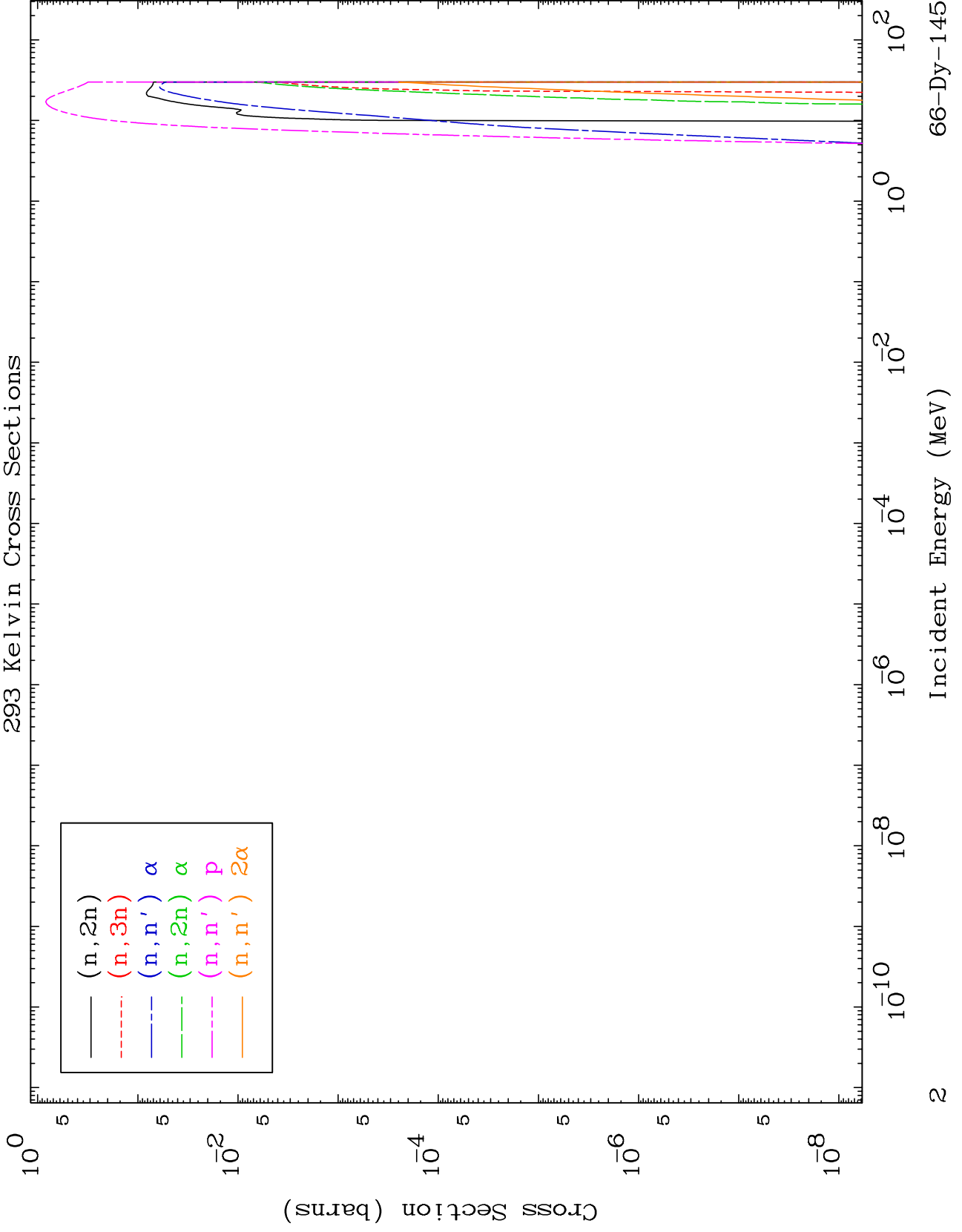
66-Dy-145

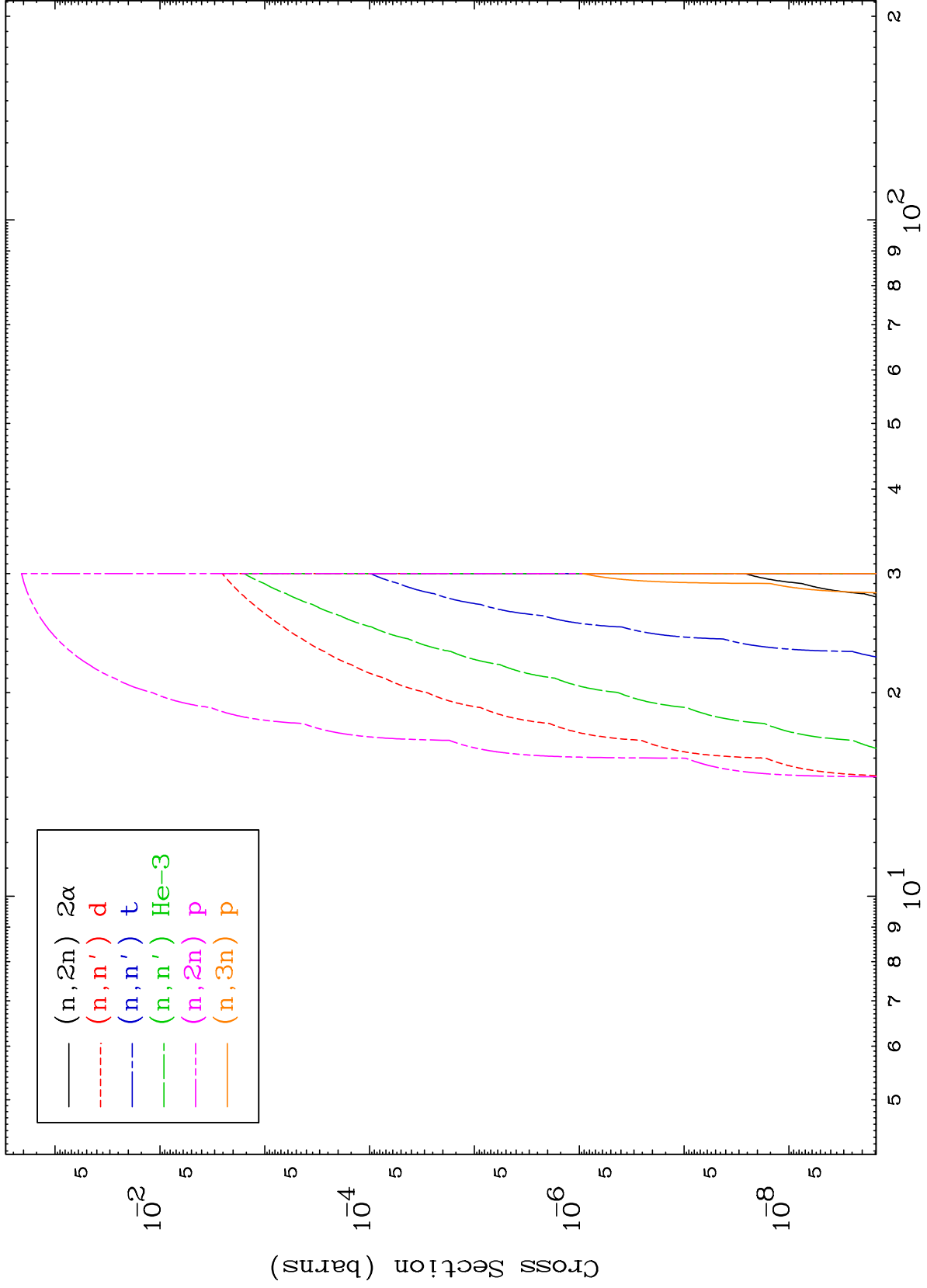


MAT 6592

Neutron Production
293 Kelvin Cross Sections

66-Dy-145

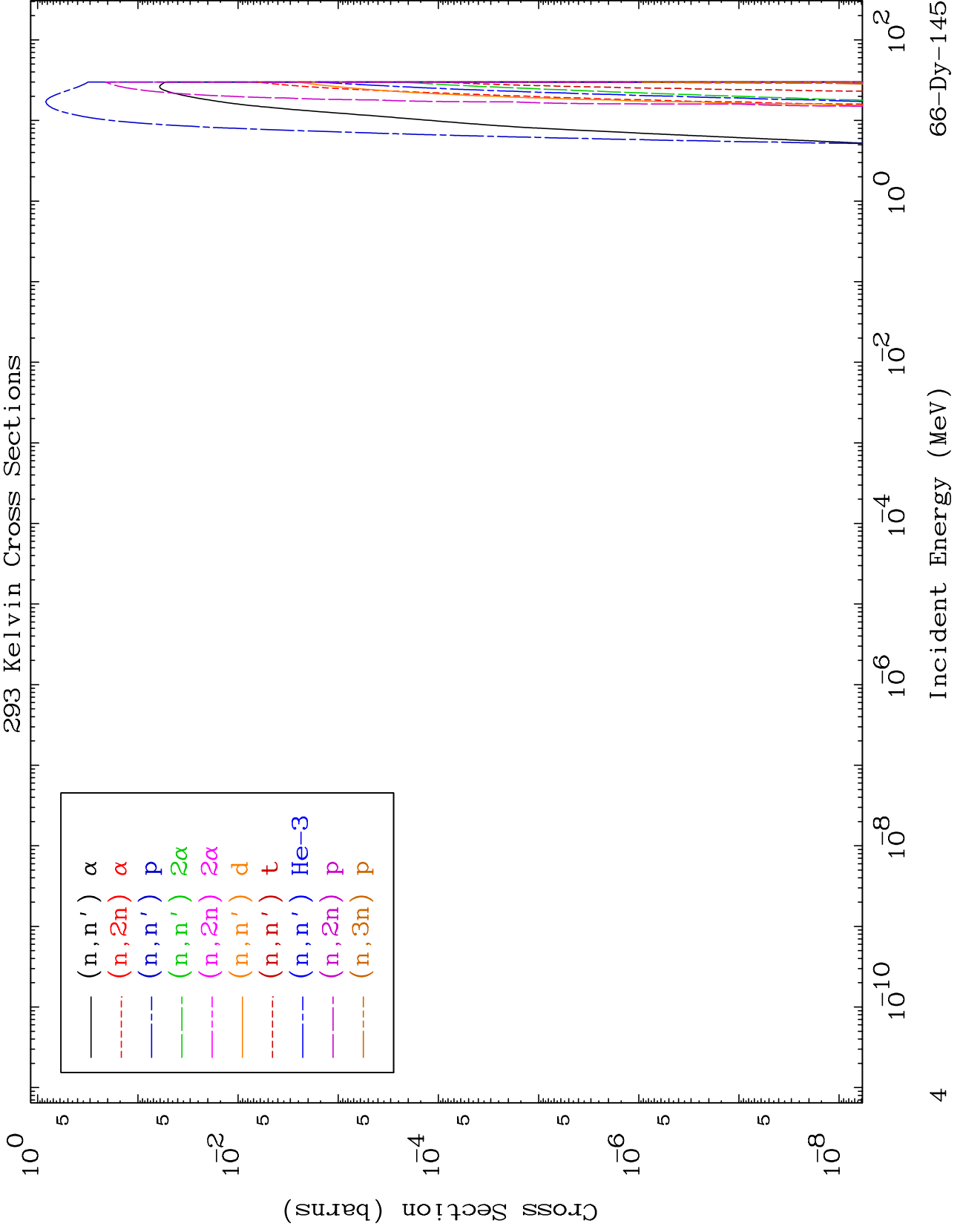




MAT 6592

Charged Particle
293 Kelvin Cross Sections

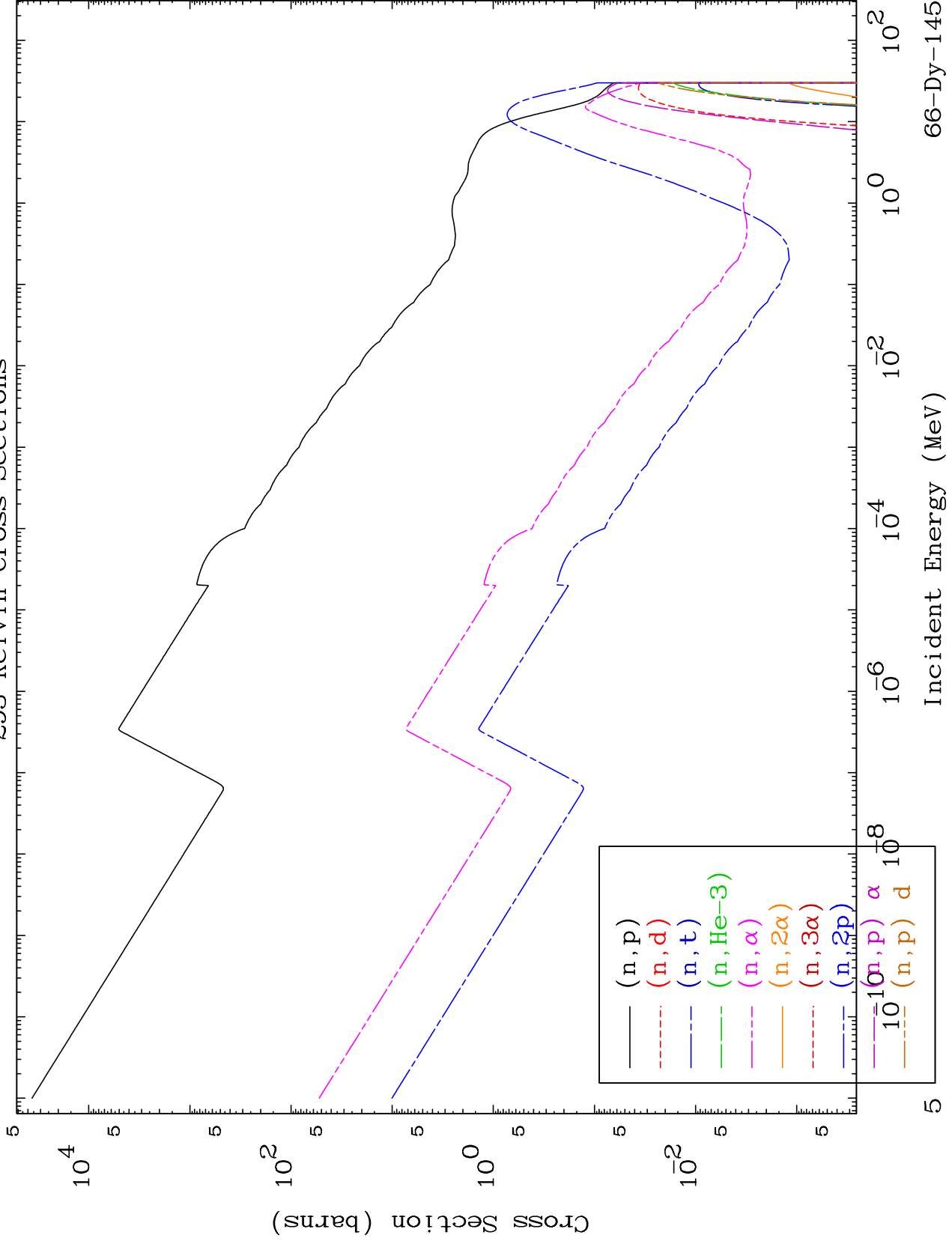
66-Dy-145



MAT 6592

Charged Particle
293 Kelvin Cross Sections

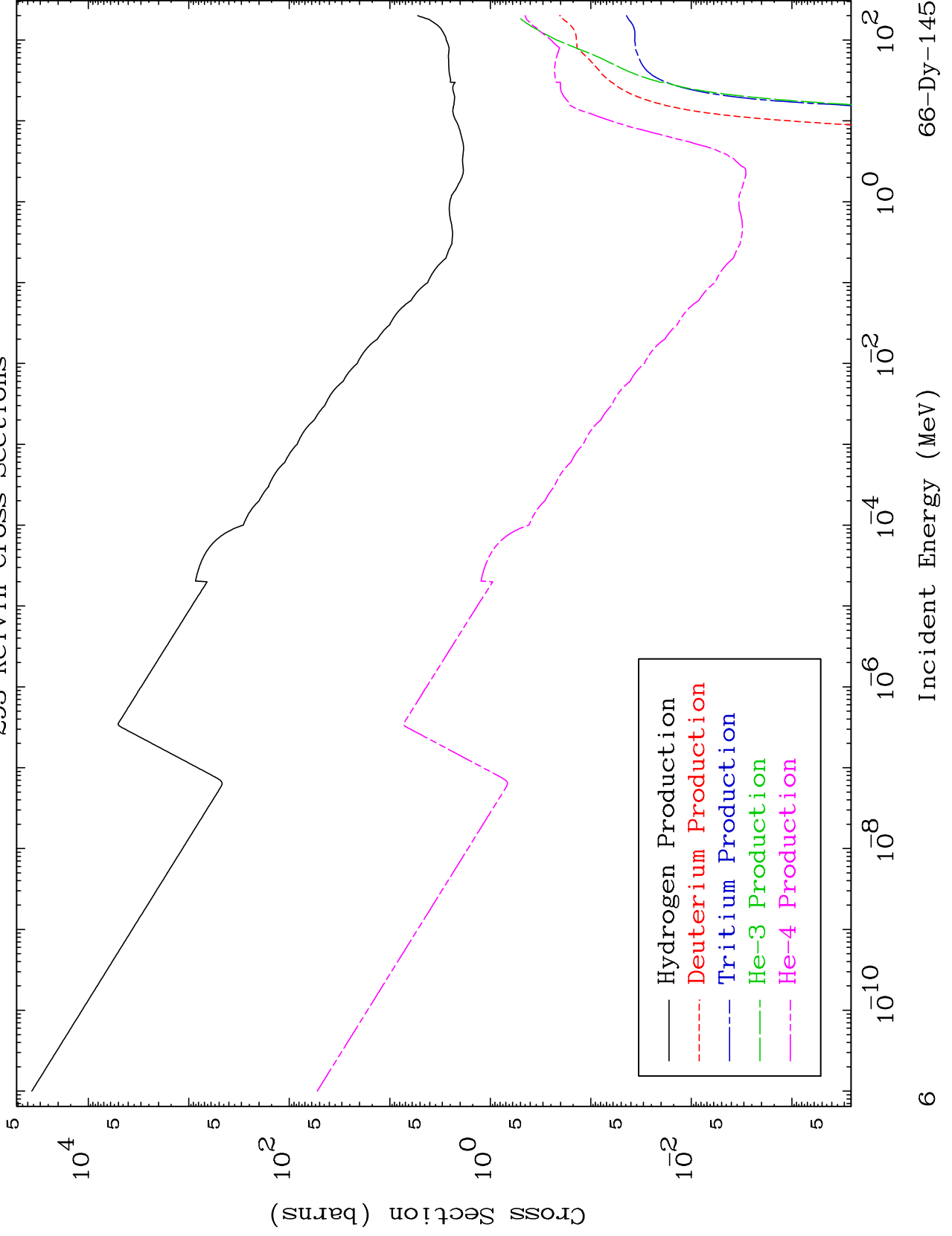
66-Dy-145



MAT 6592

Particle Production
293 Kelvin Cross Sections

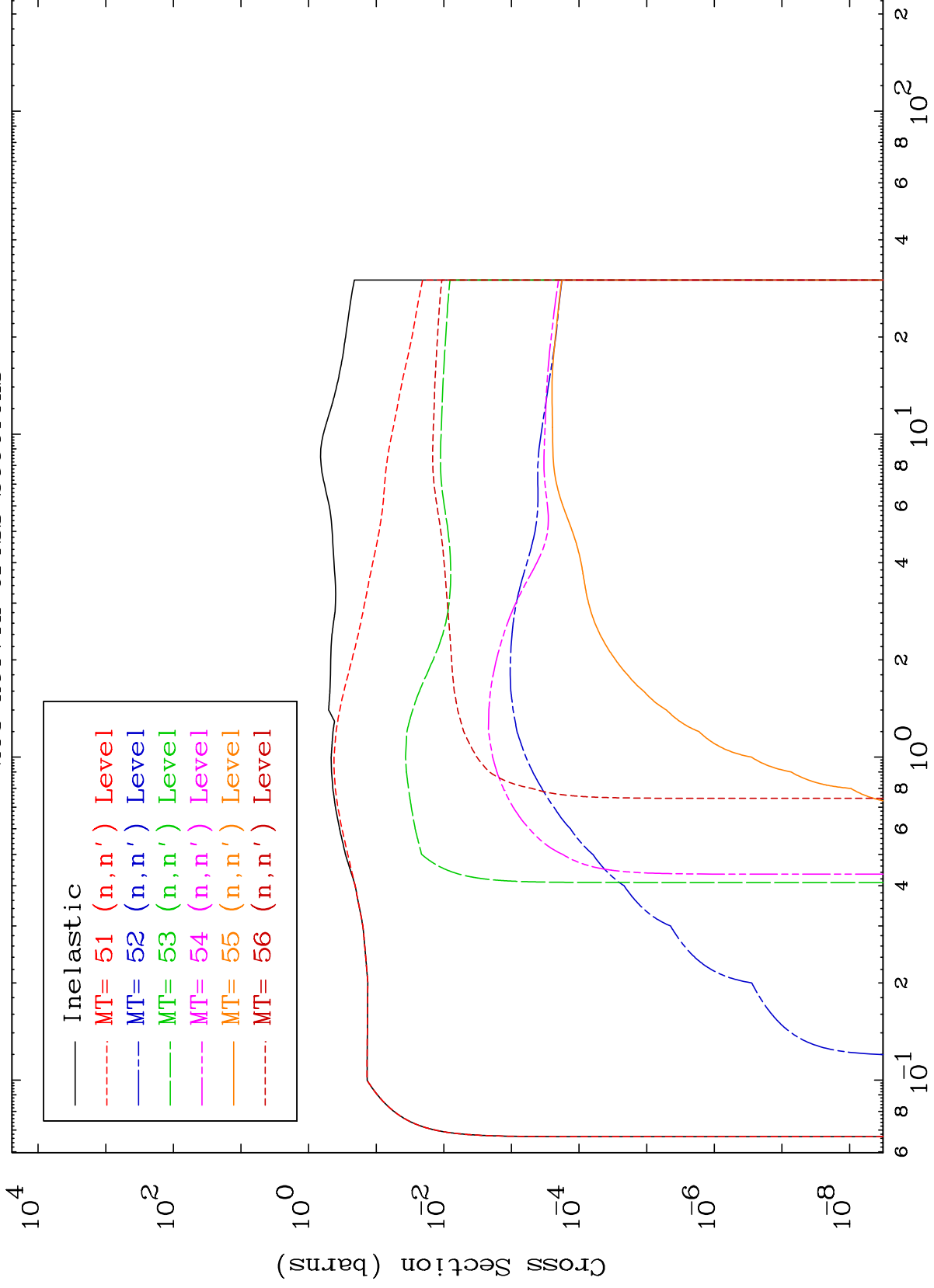
66-Dy-145



MAT 6592

(n,n') Level
293 Kelvin Cross Sections

66-Dy-145

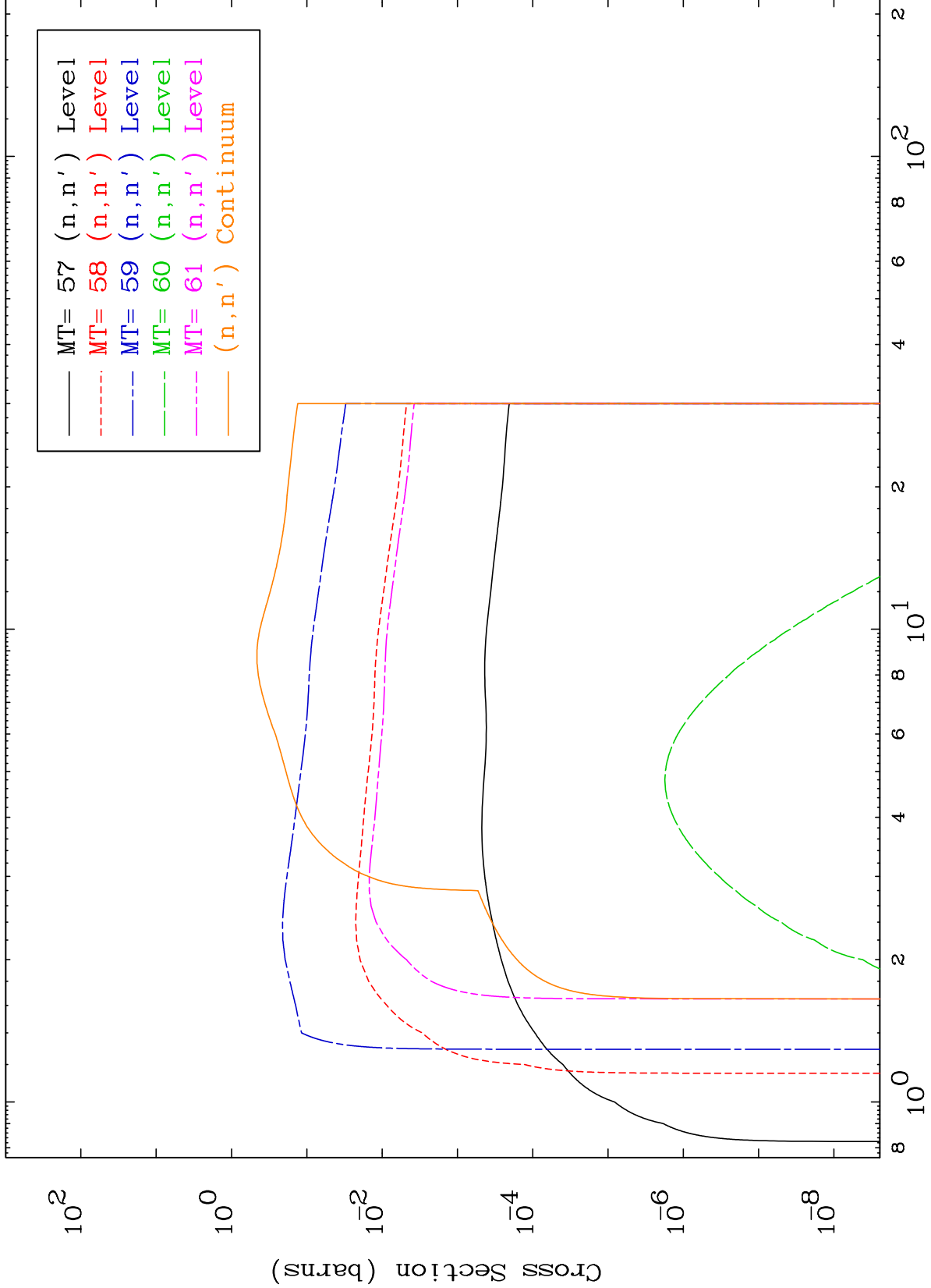


MAT 6592

(n,n') Level

66-Dy-145

293 Kelvin Cross Sections



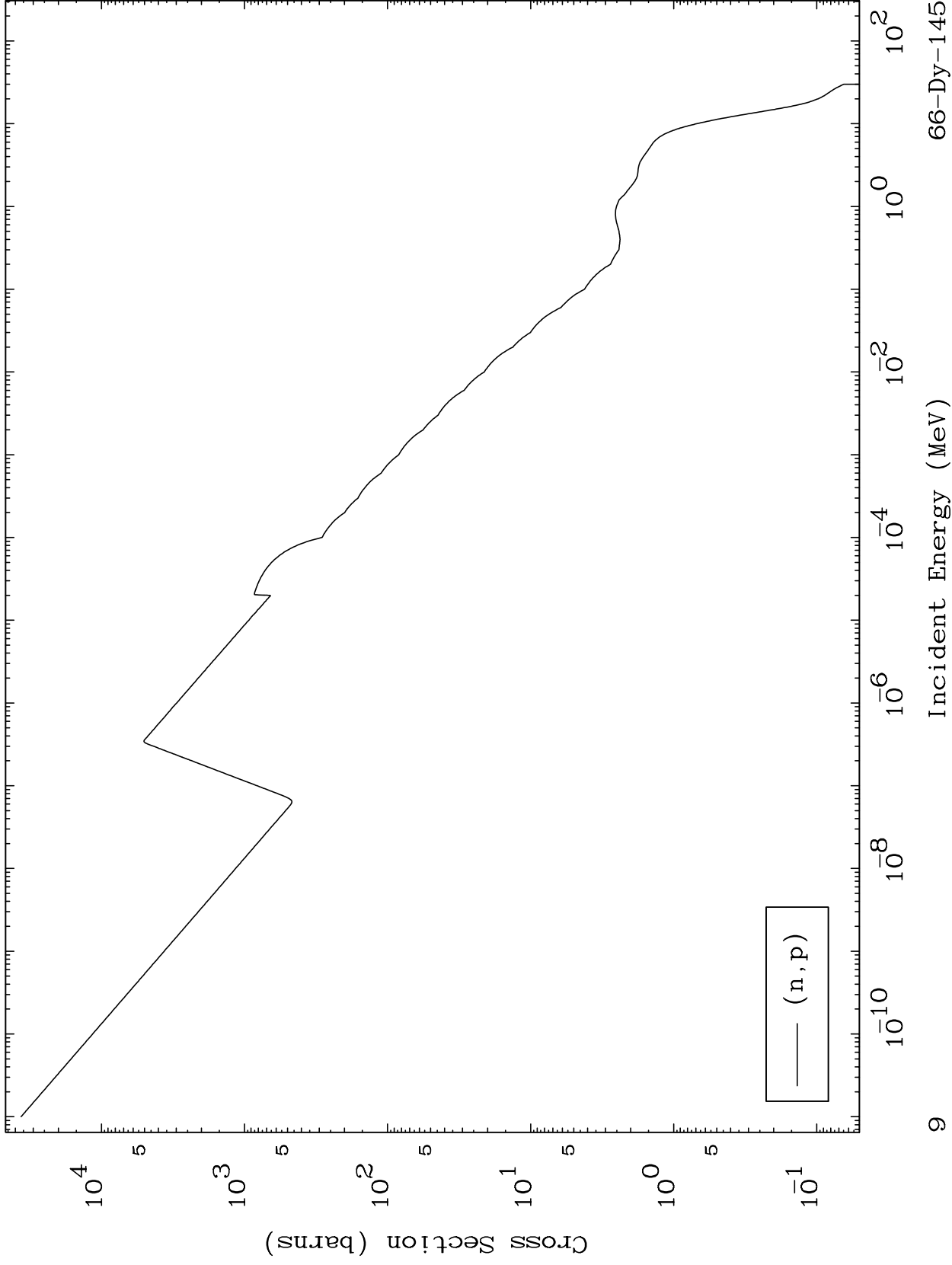
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,p) Levels
293 Kelvin Cross Sections

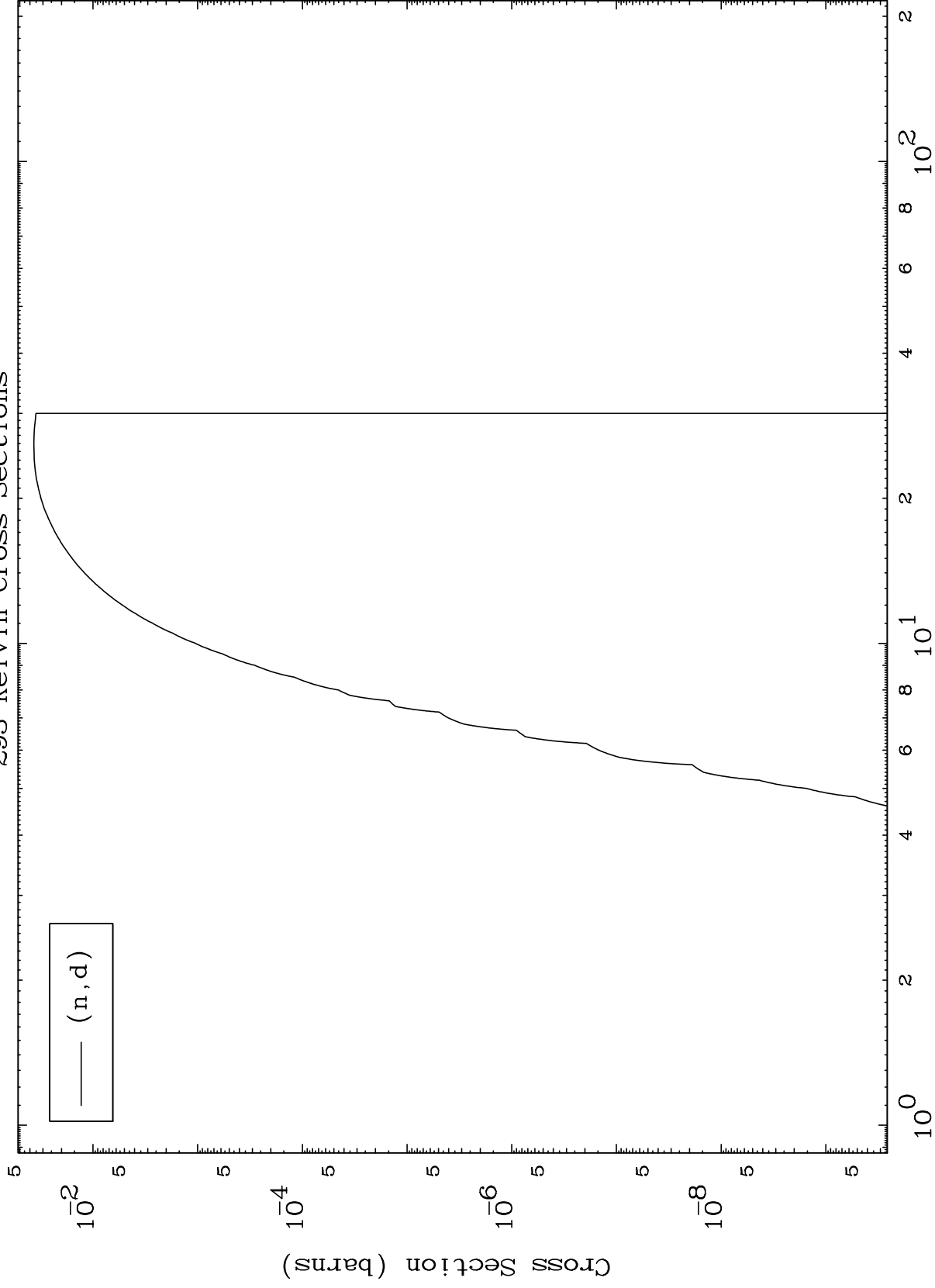
66-Dy-145



MAT 6592

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-145



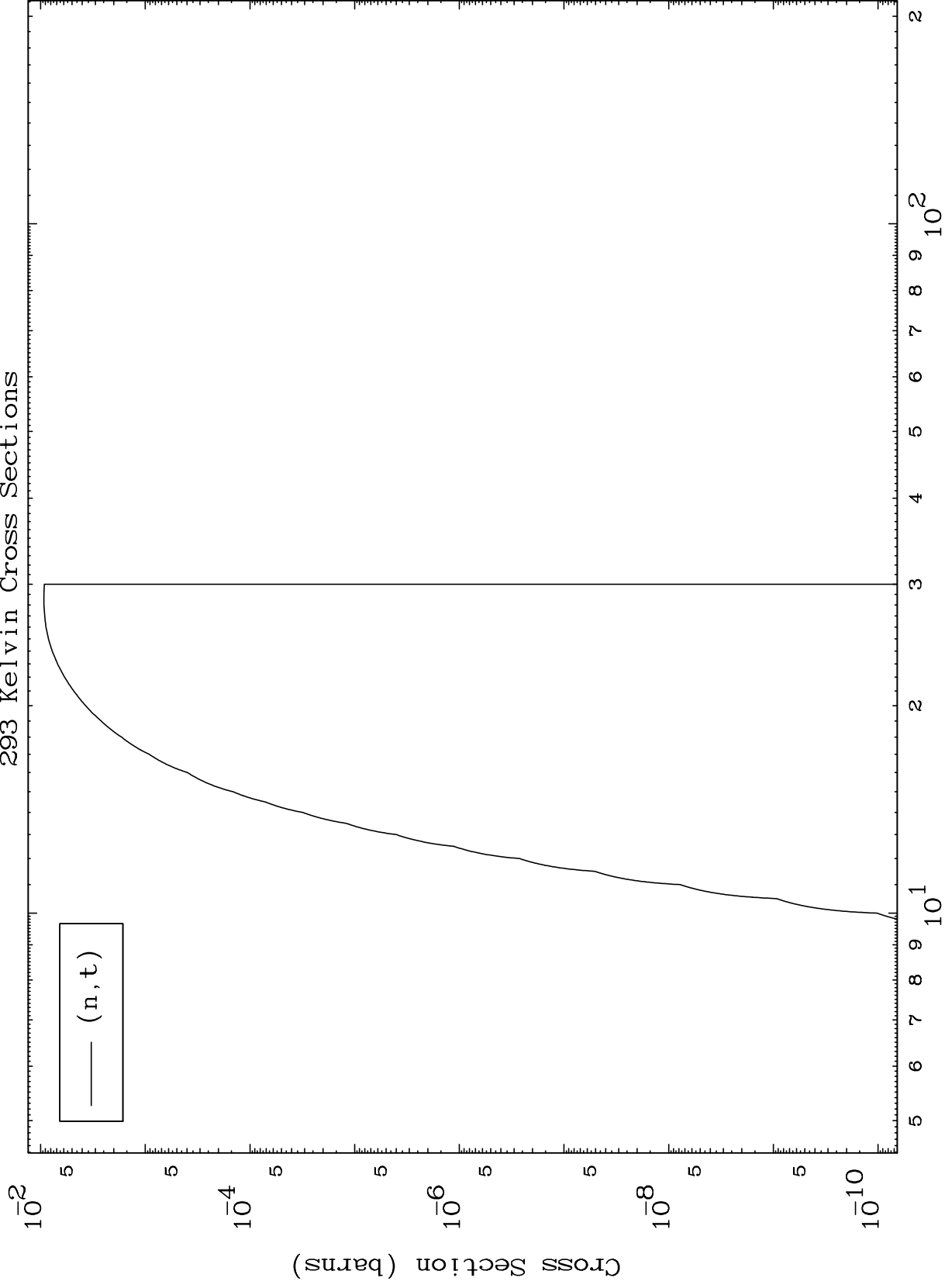
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-145



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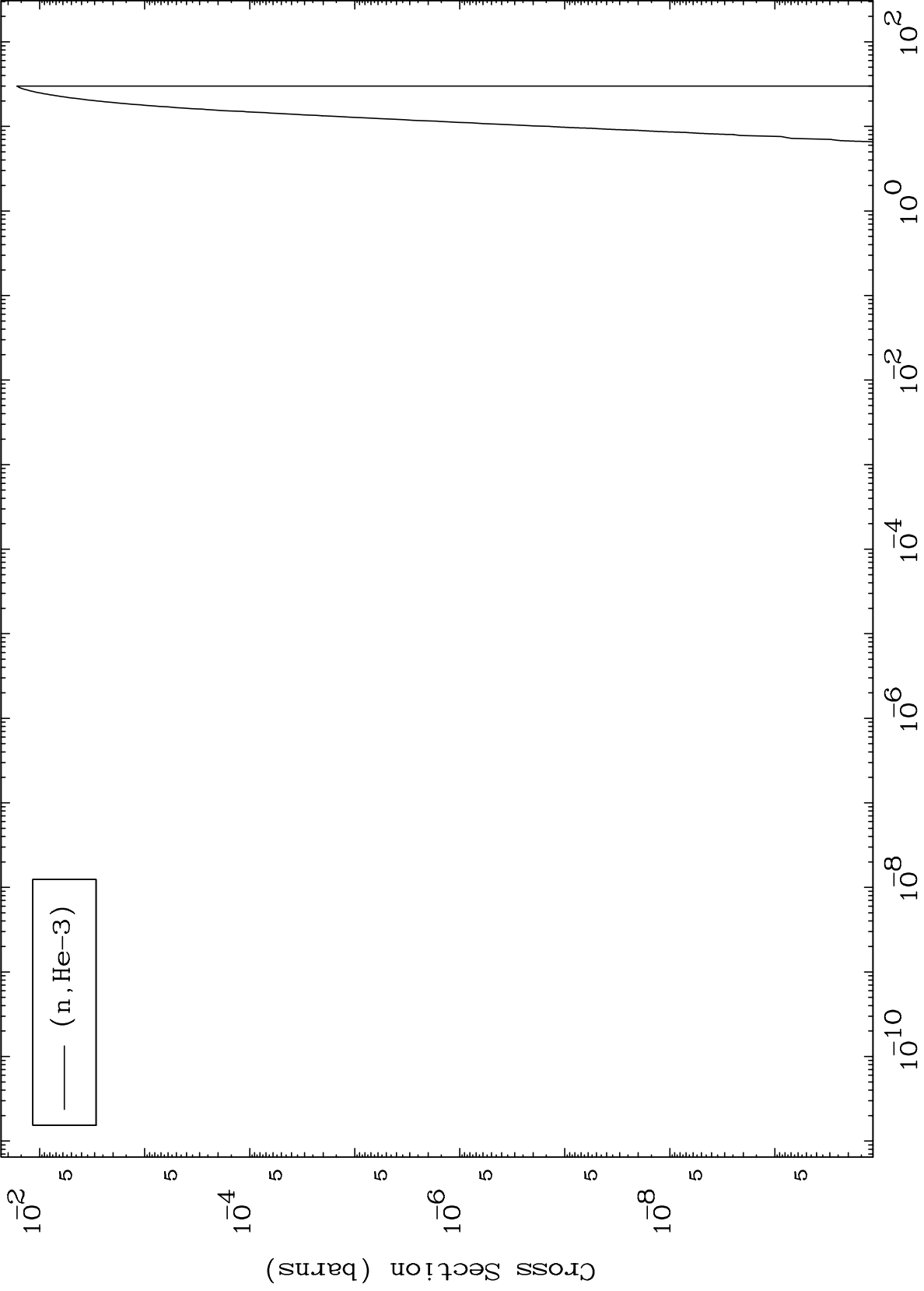
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66-Dy-145

MAT 6592

(n,He3) Levels
293 Kelvin Cross Sections

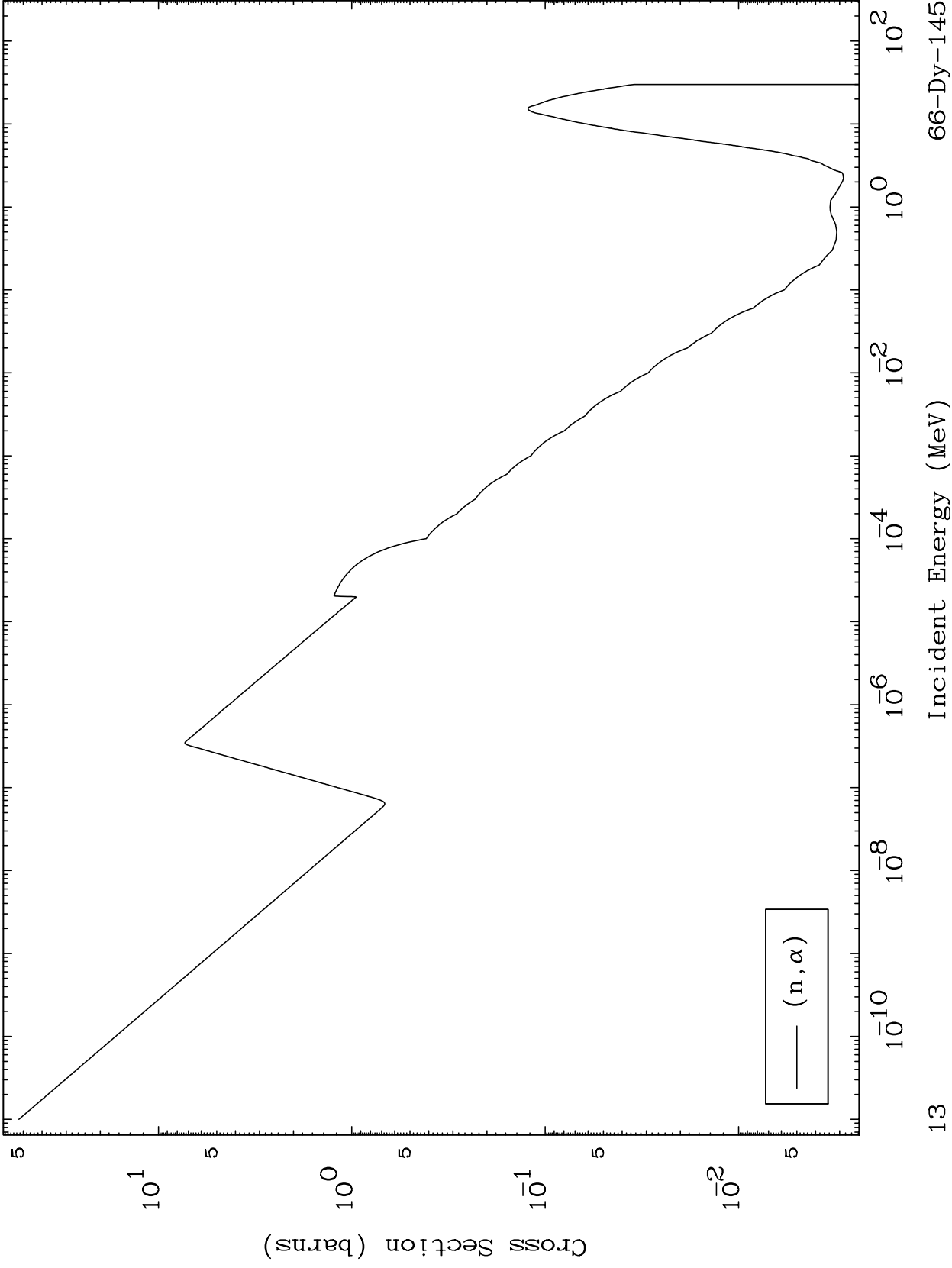
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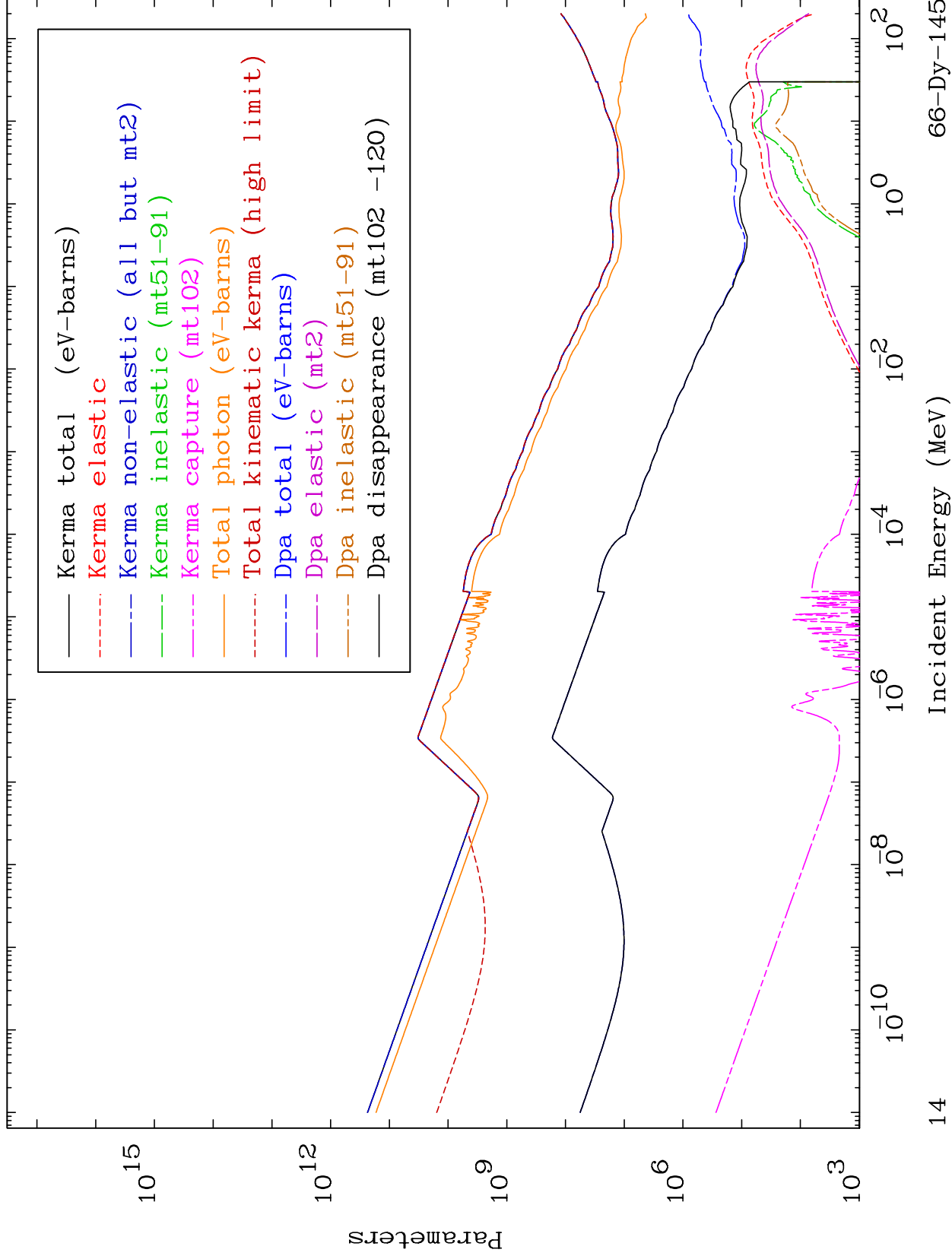


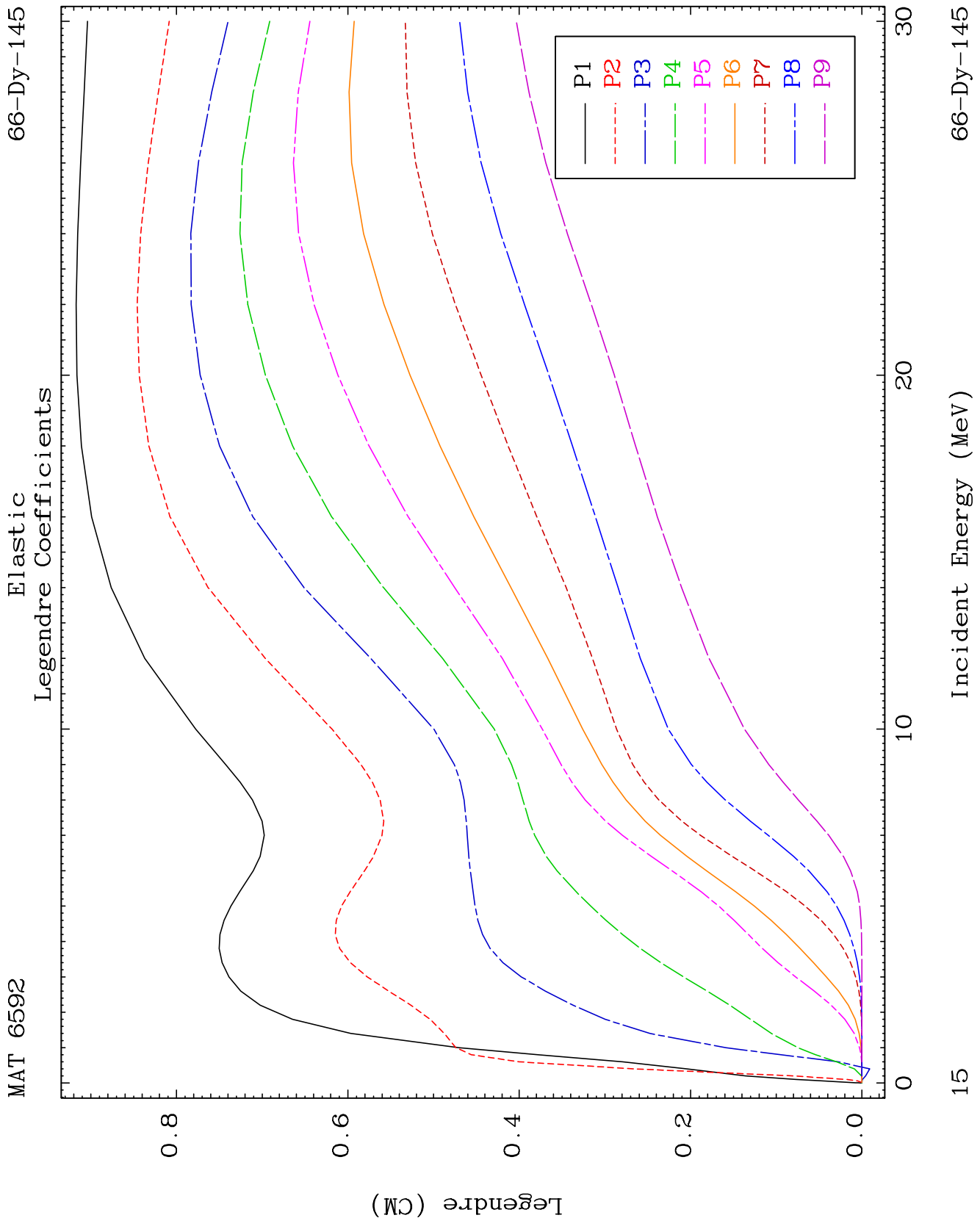
MAT 6592

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-145



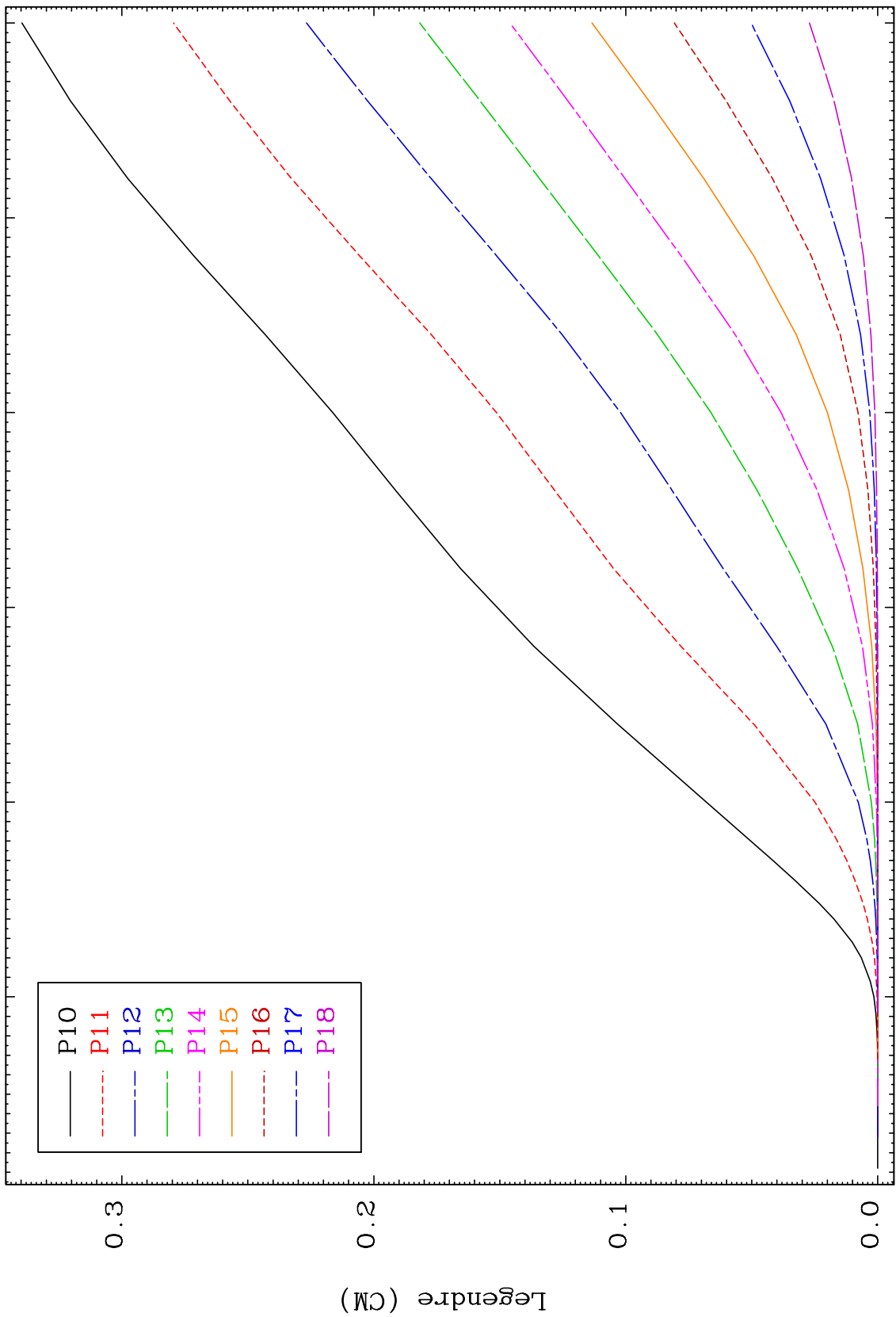




MAT 6592

Elastic Legendre Coefficients

66-Dy-145



16

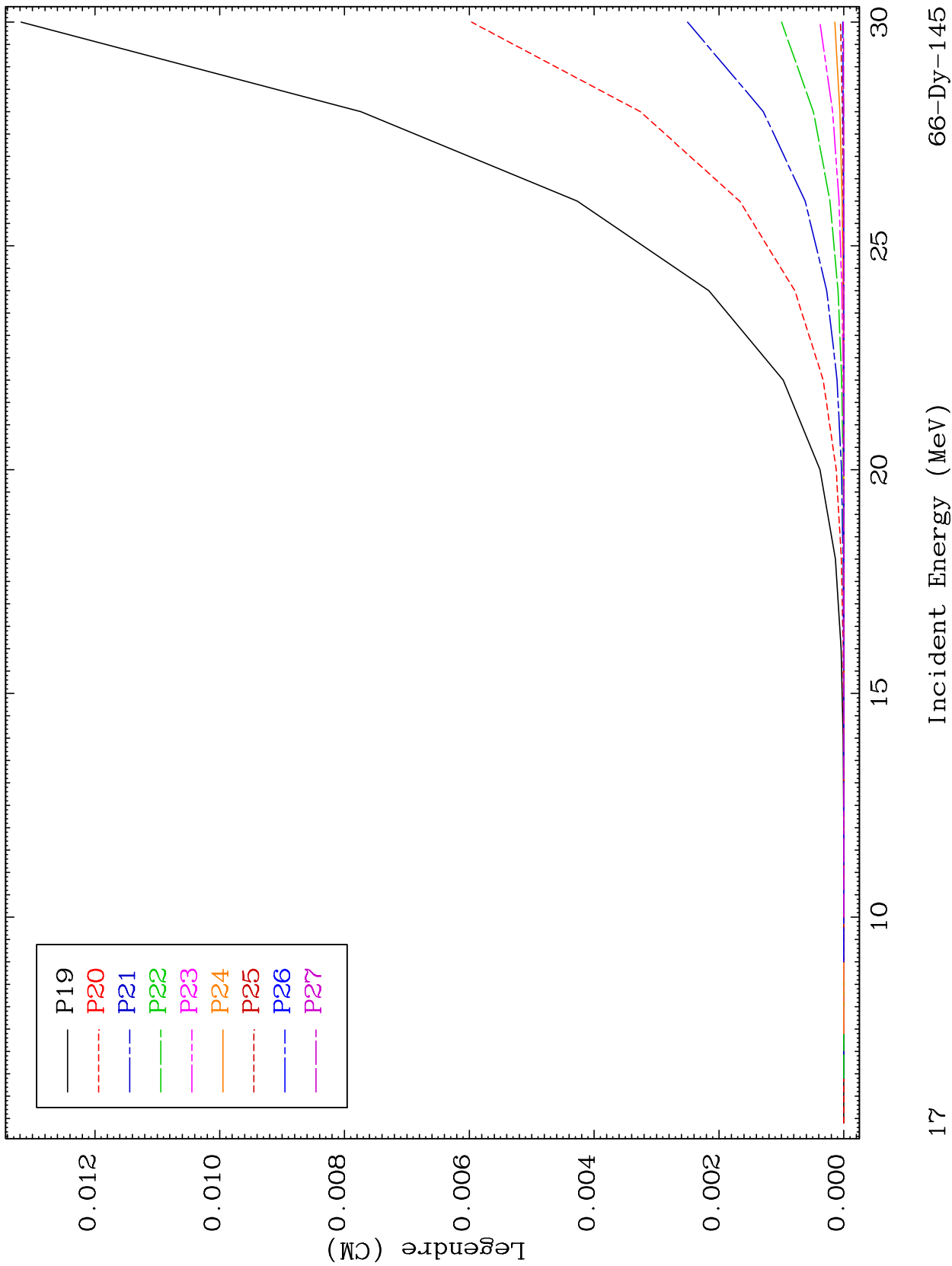
Incident Energy (MeV)

66-Dy-145

MAT 6592

Elastic Legendre Coefficients

66-Dy-145



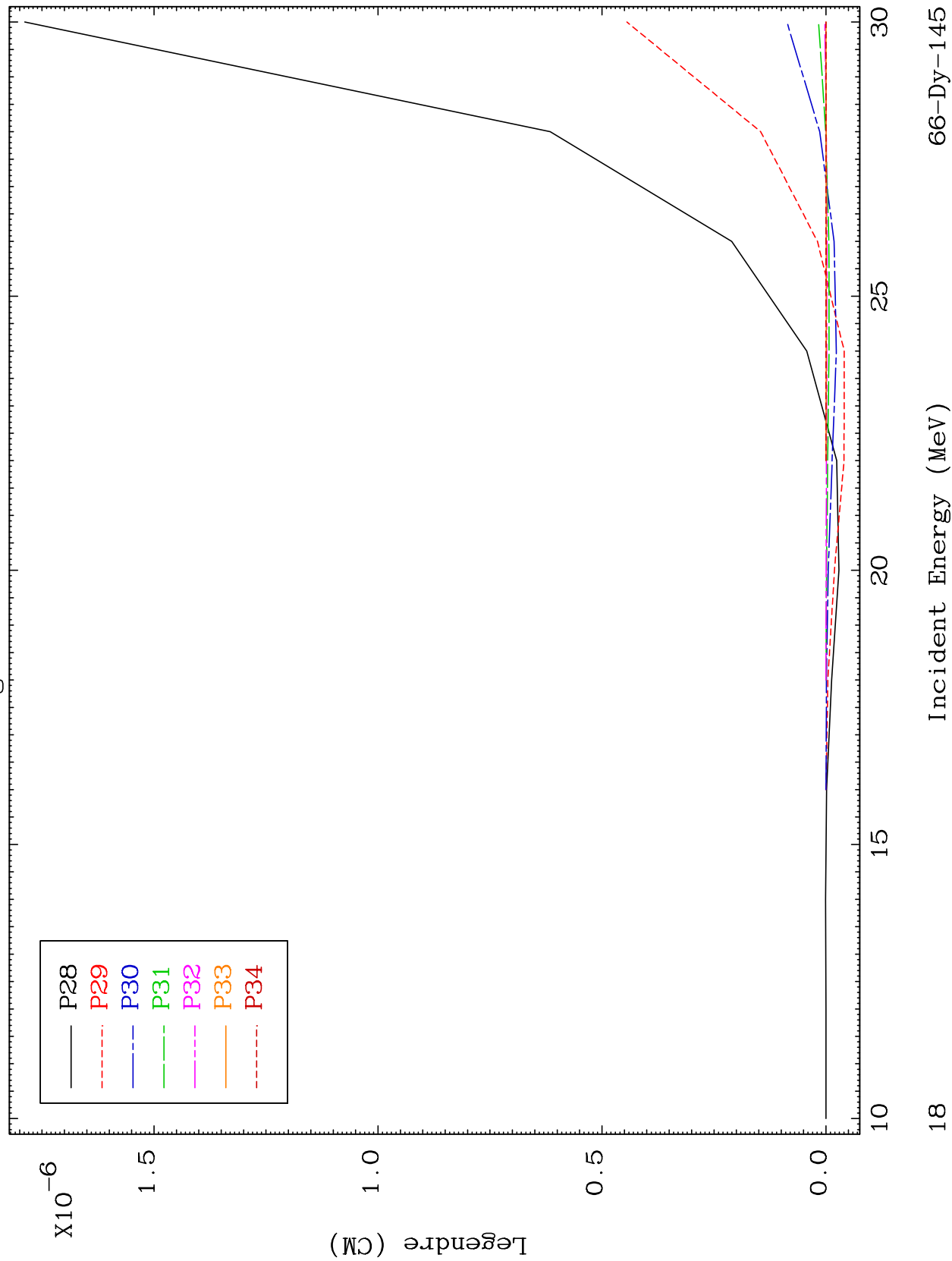
17

66-Dy-145

MAT 6592

Elastic Legendre Coefficients

66-Dy-145



18

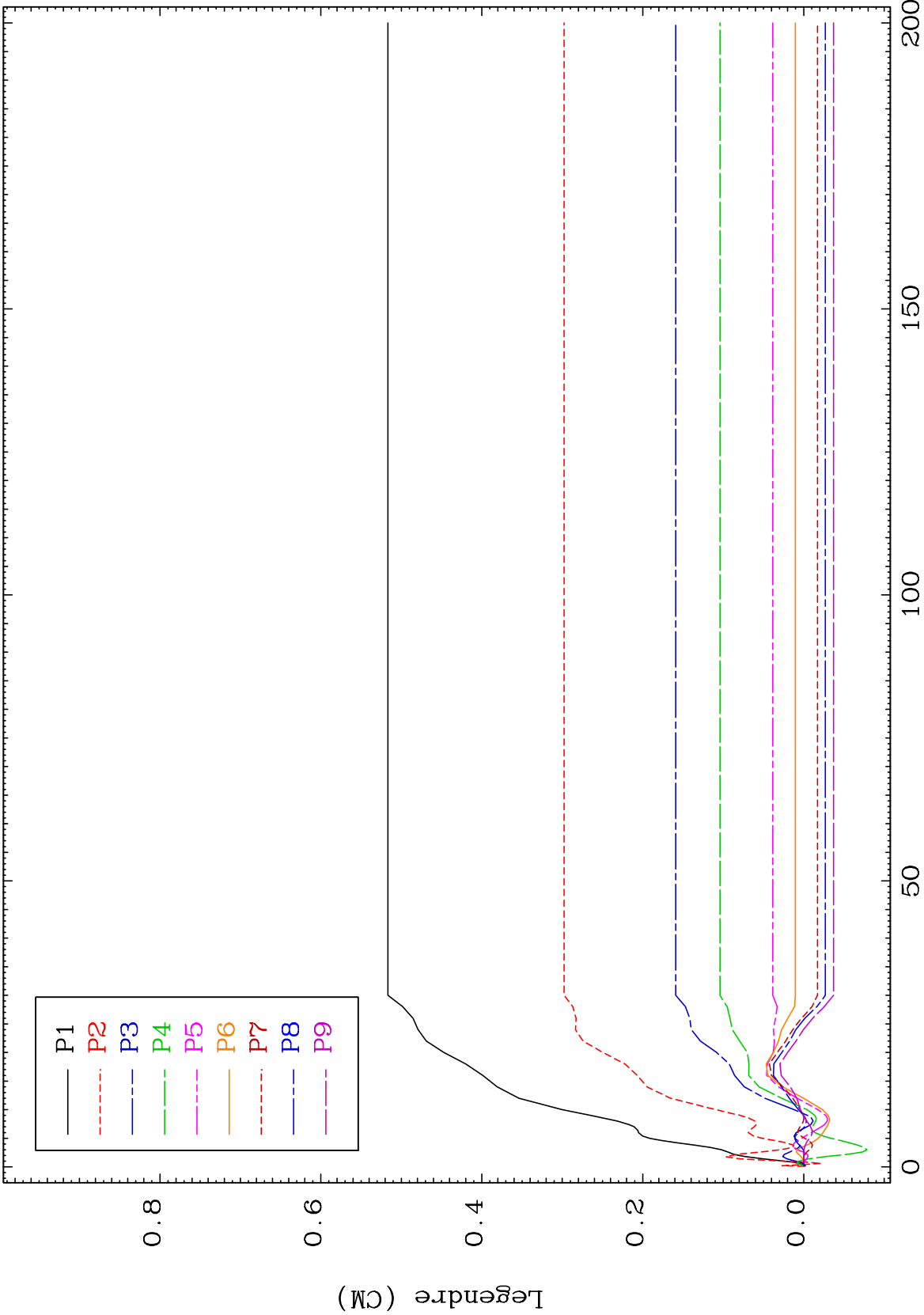
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



19

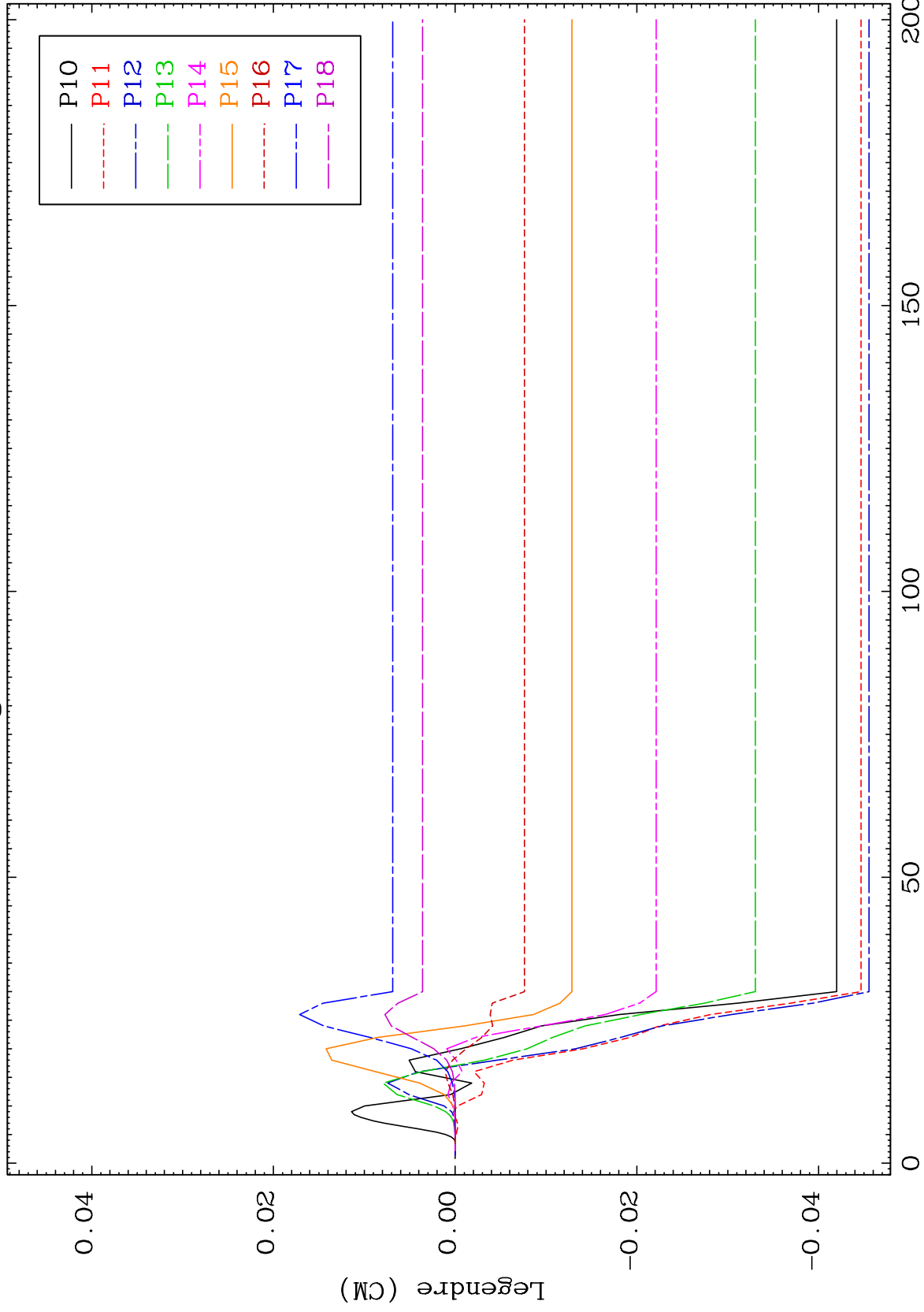
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



0

50

100

150

200

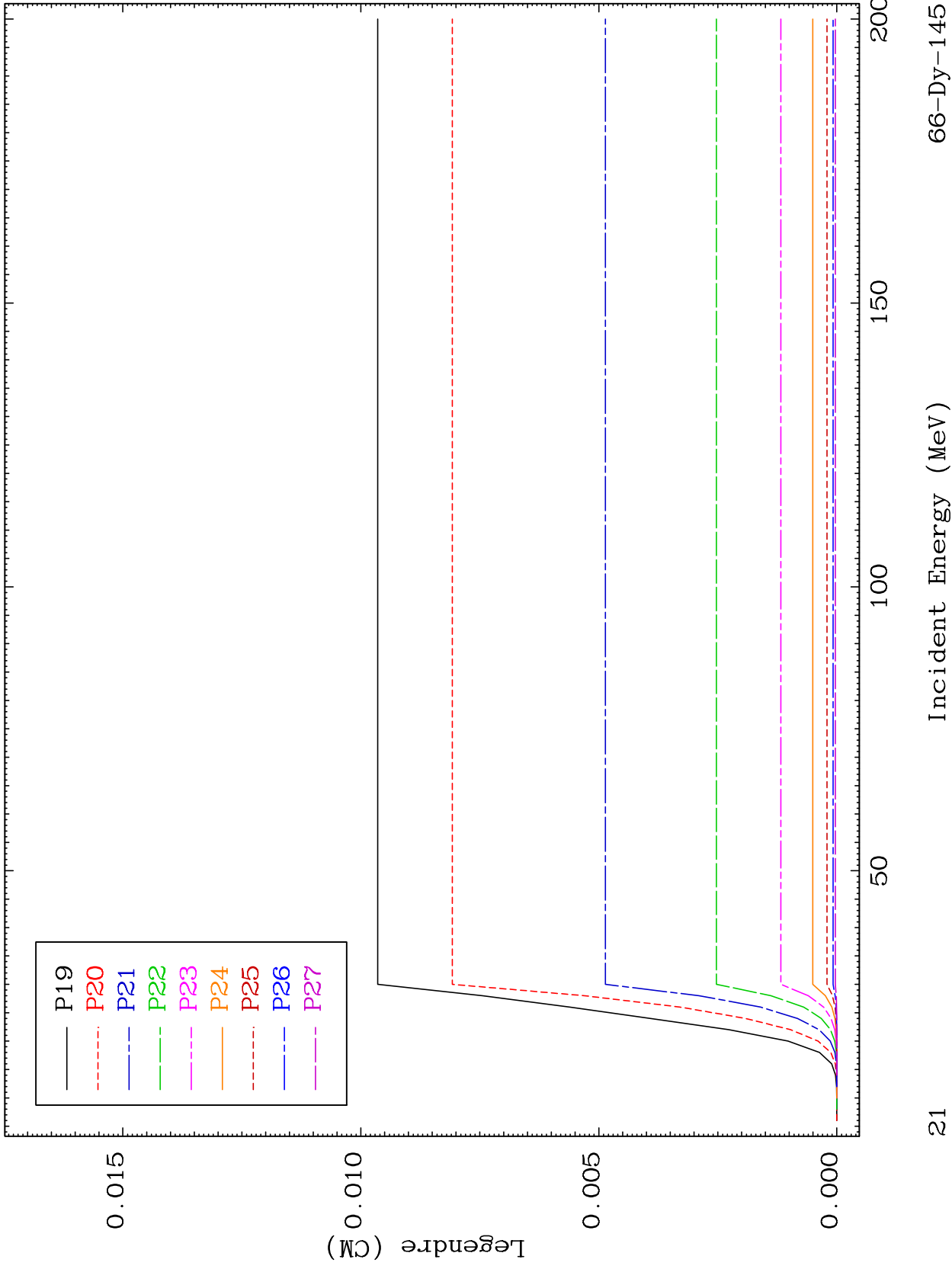
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

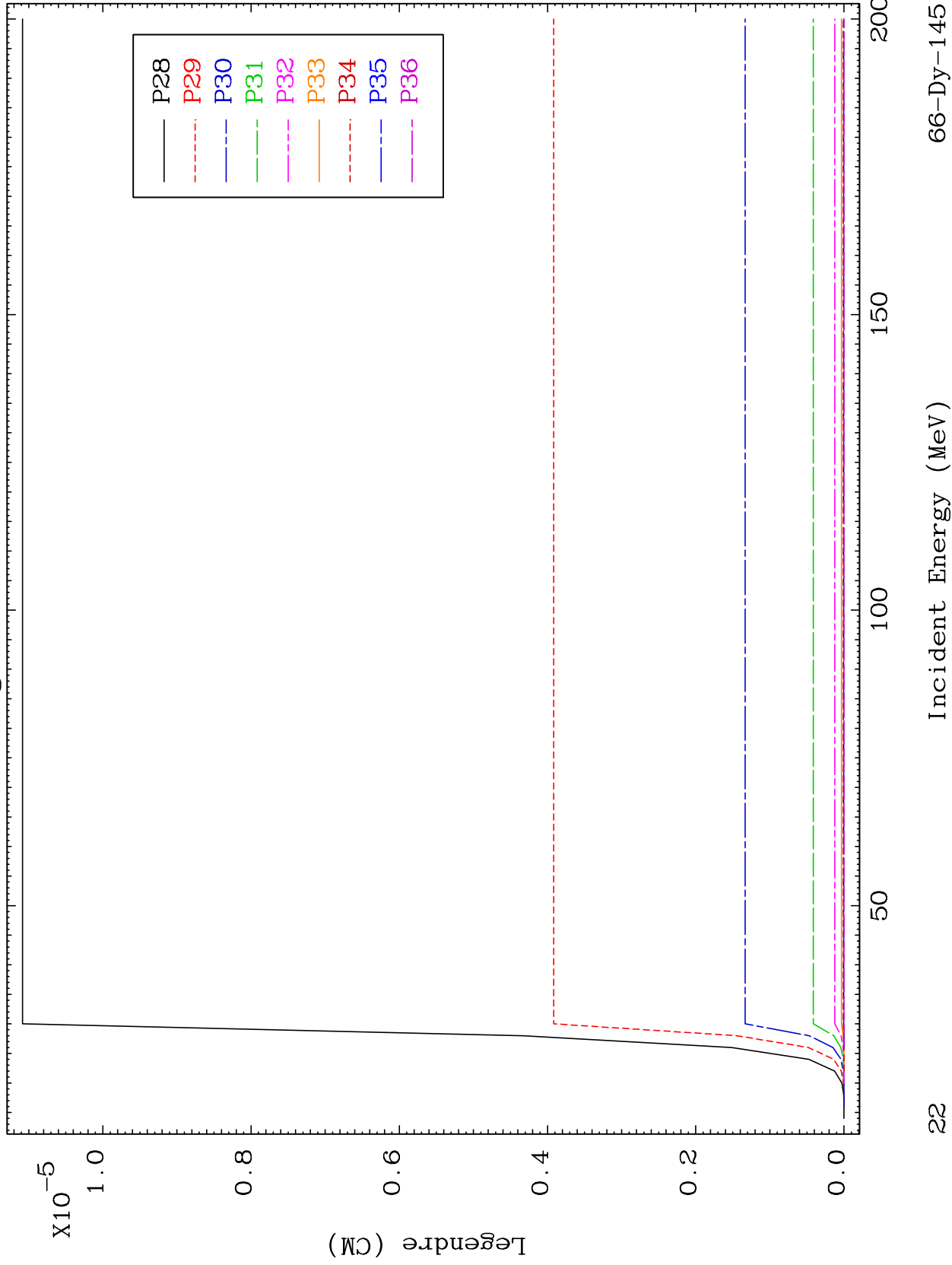
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MAT 6592

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

66-Dy-145



22

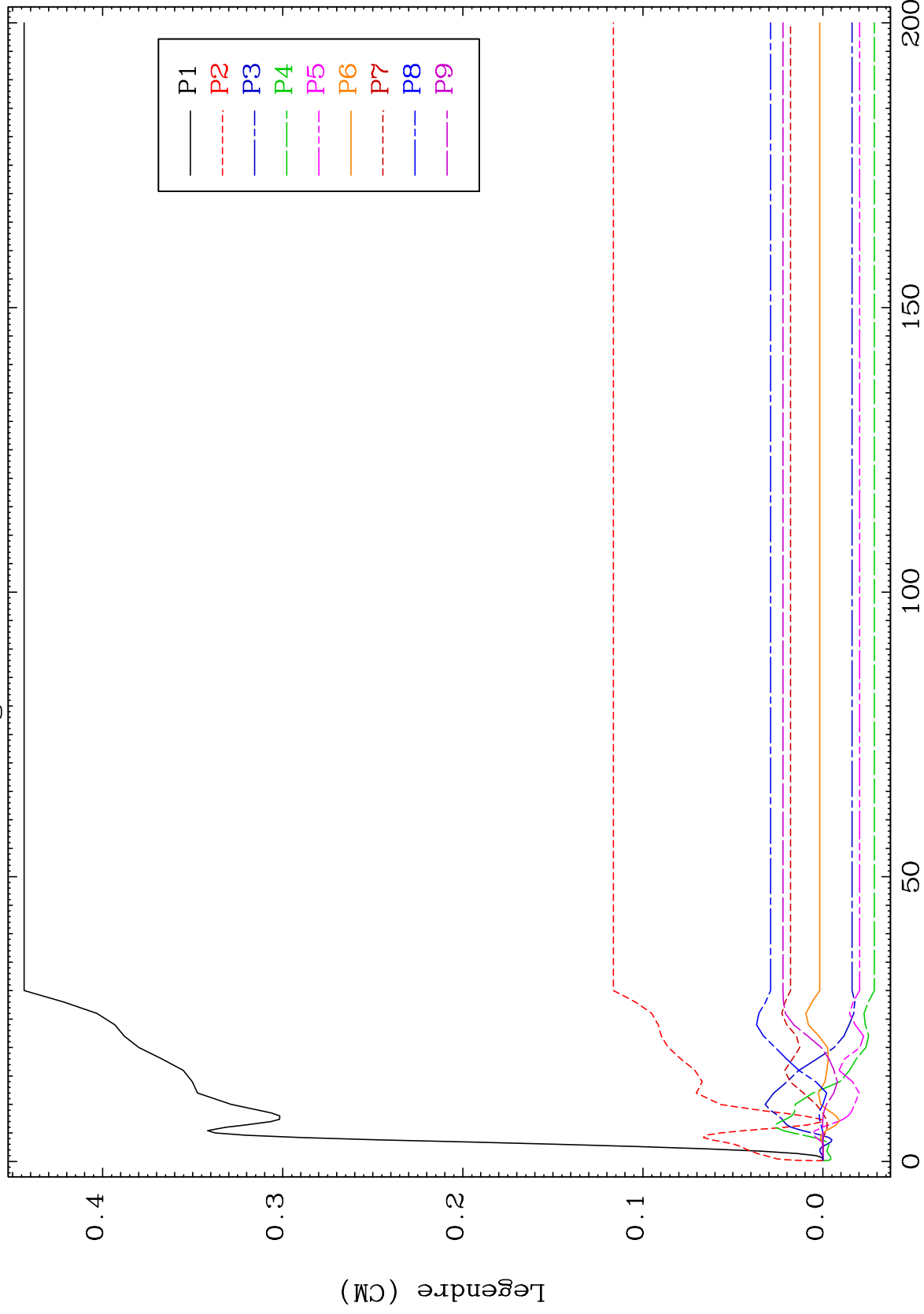
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



23

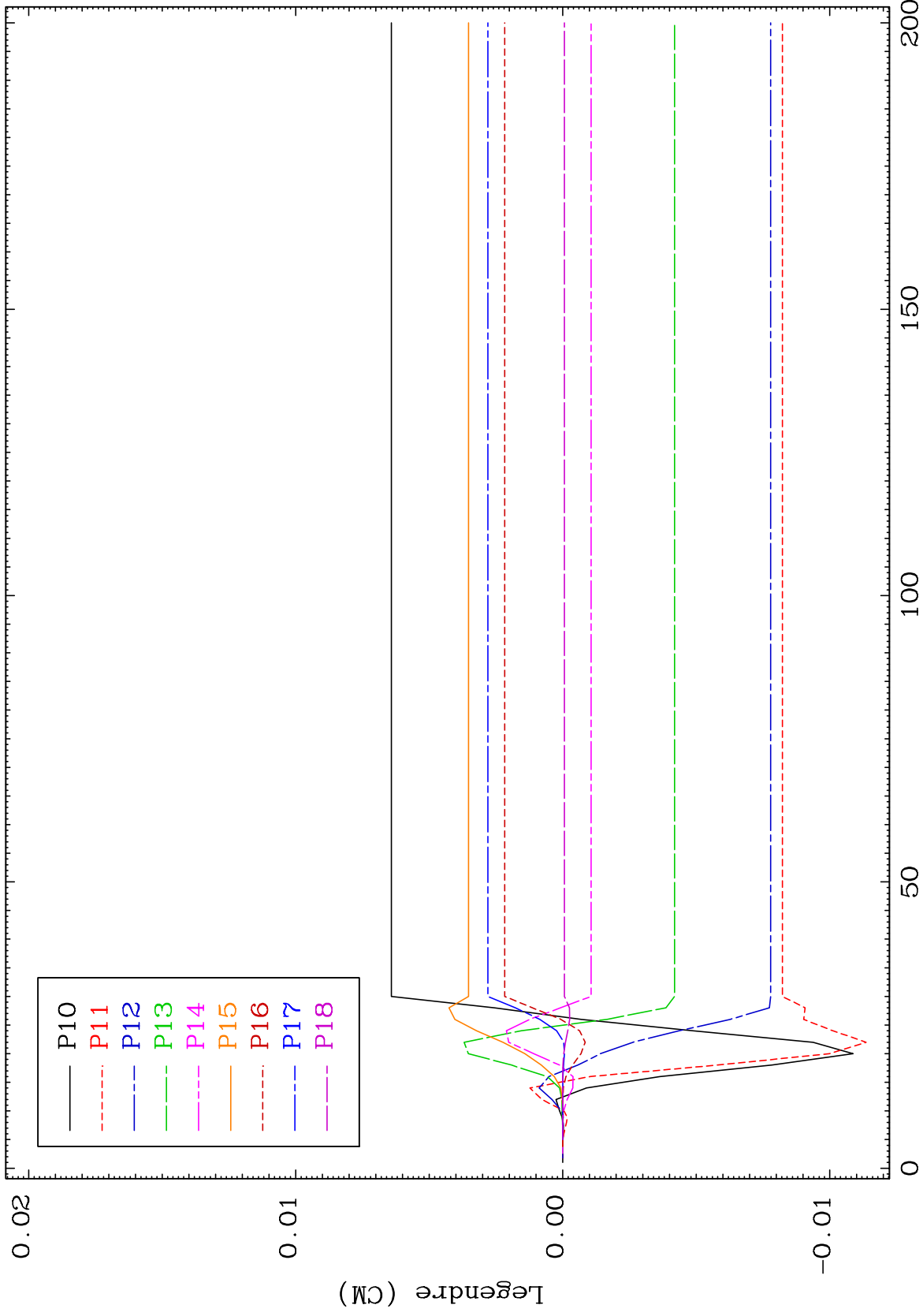
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



24

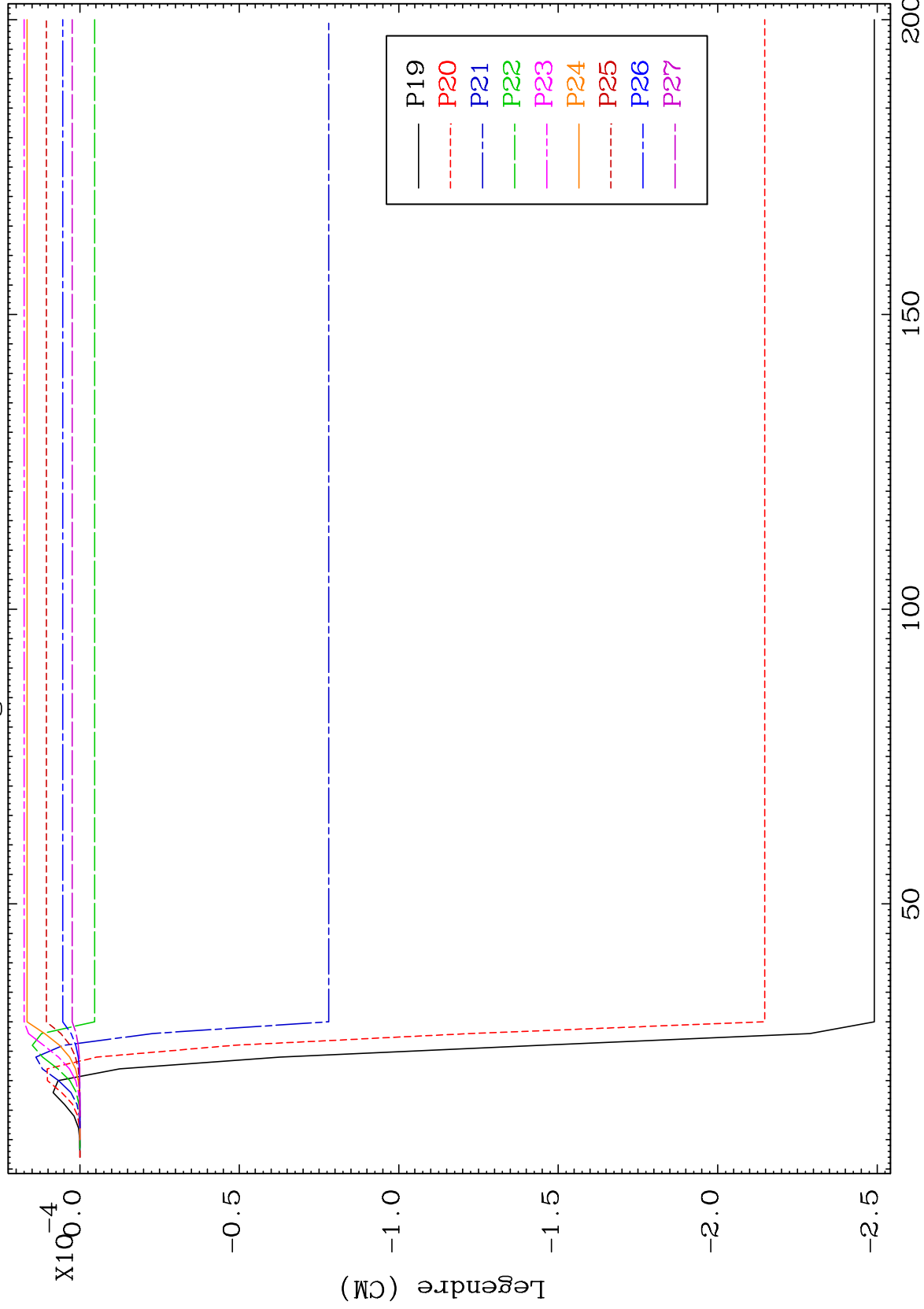
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



25

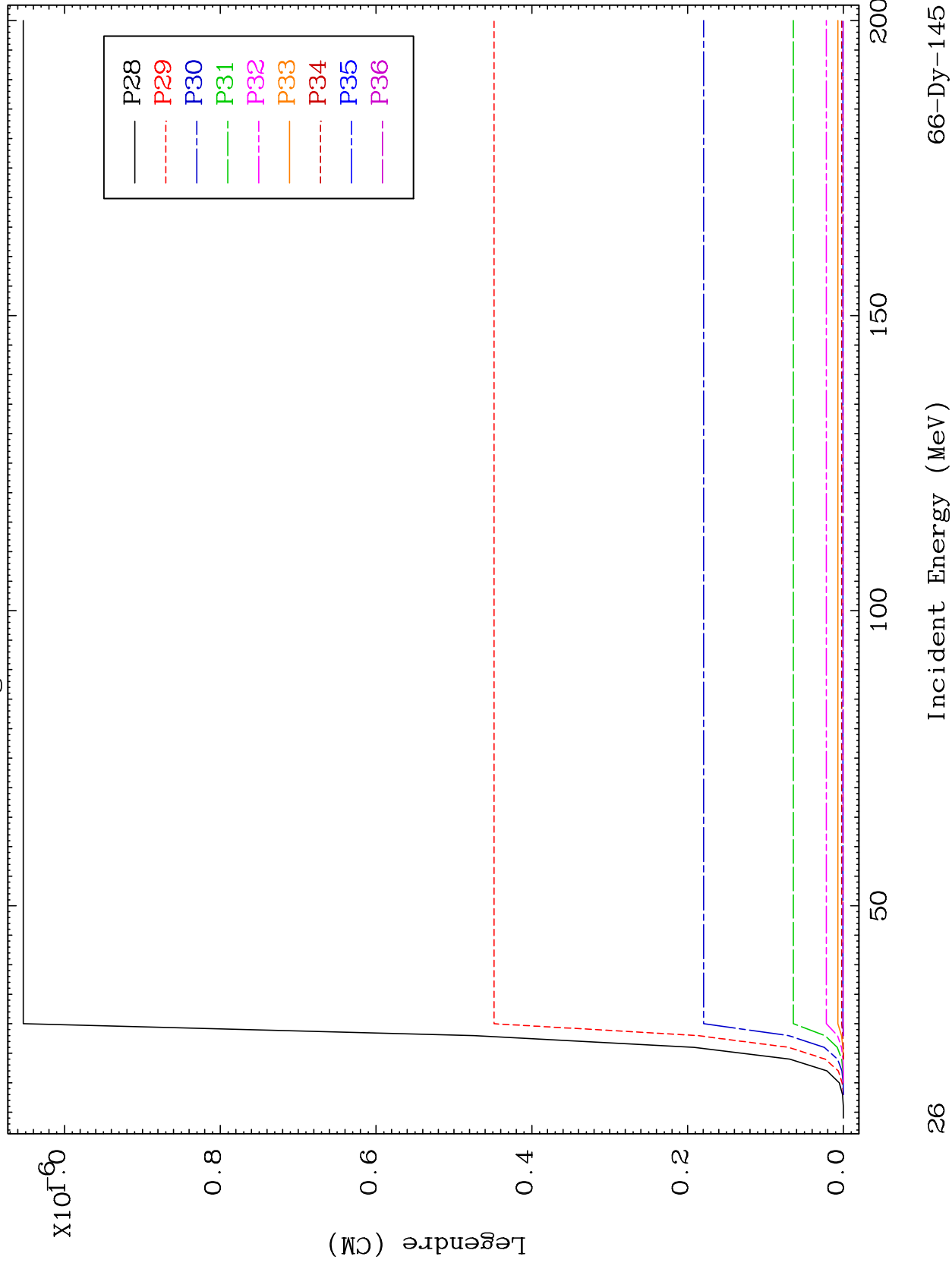
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



26

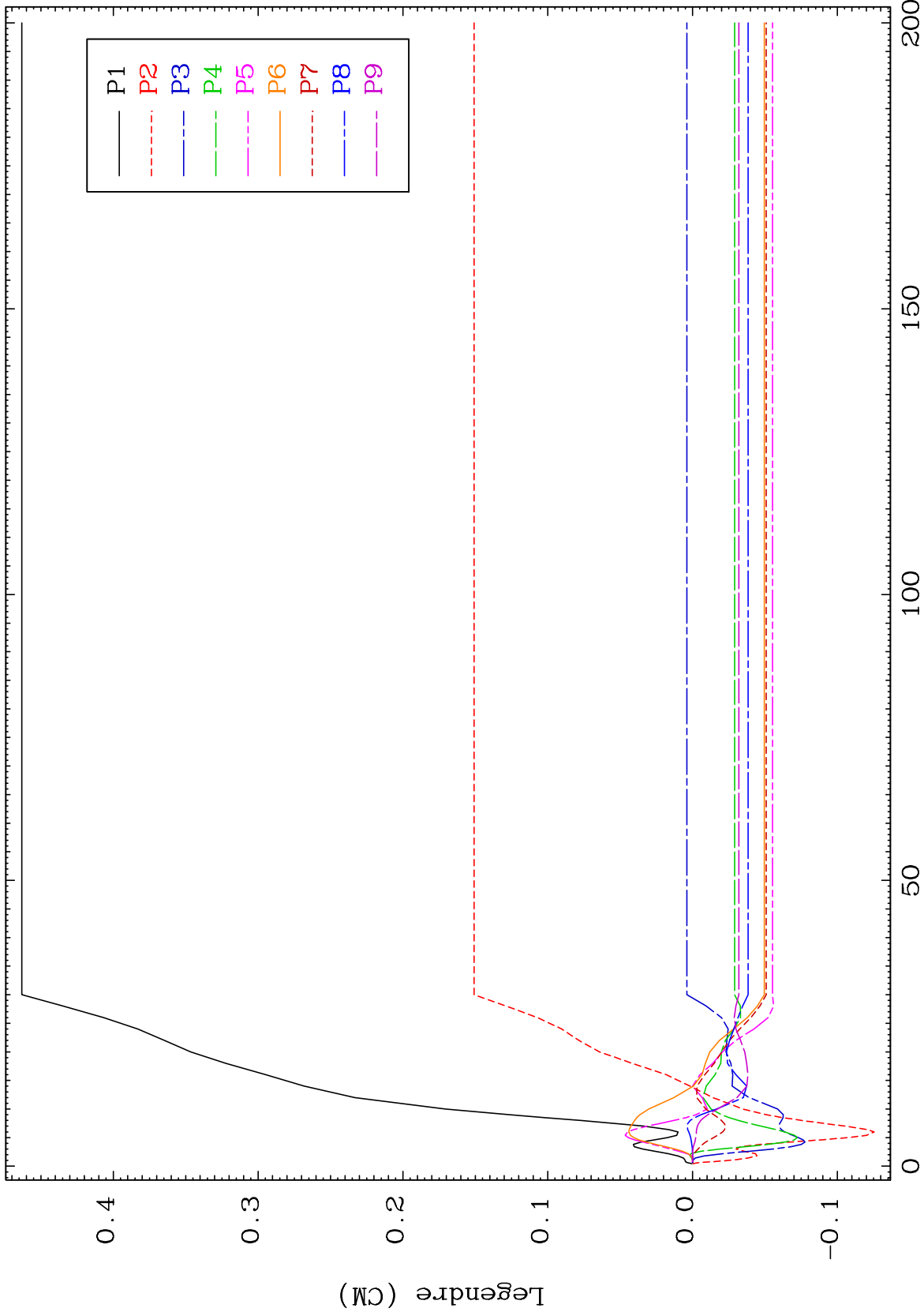
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



27

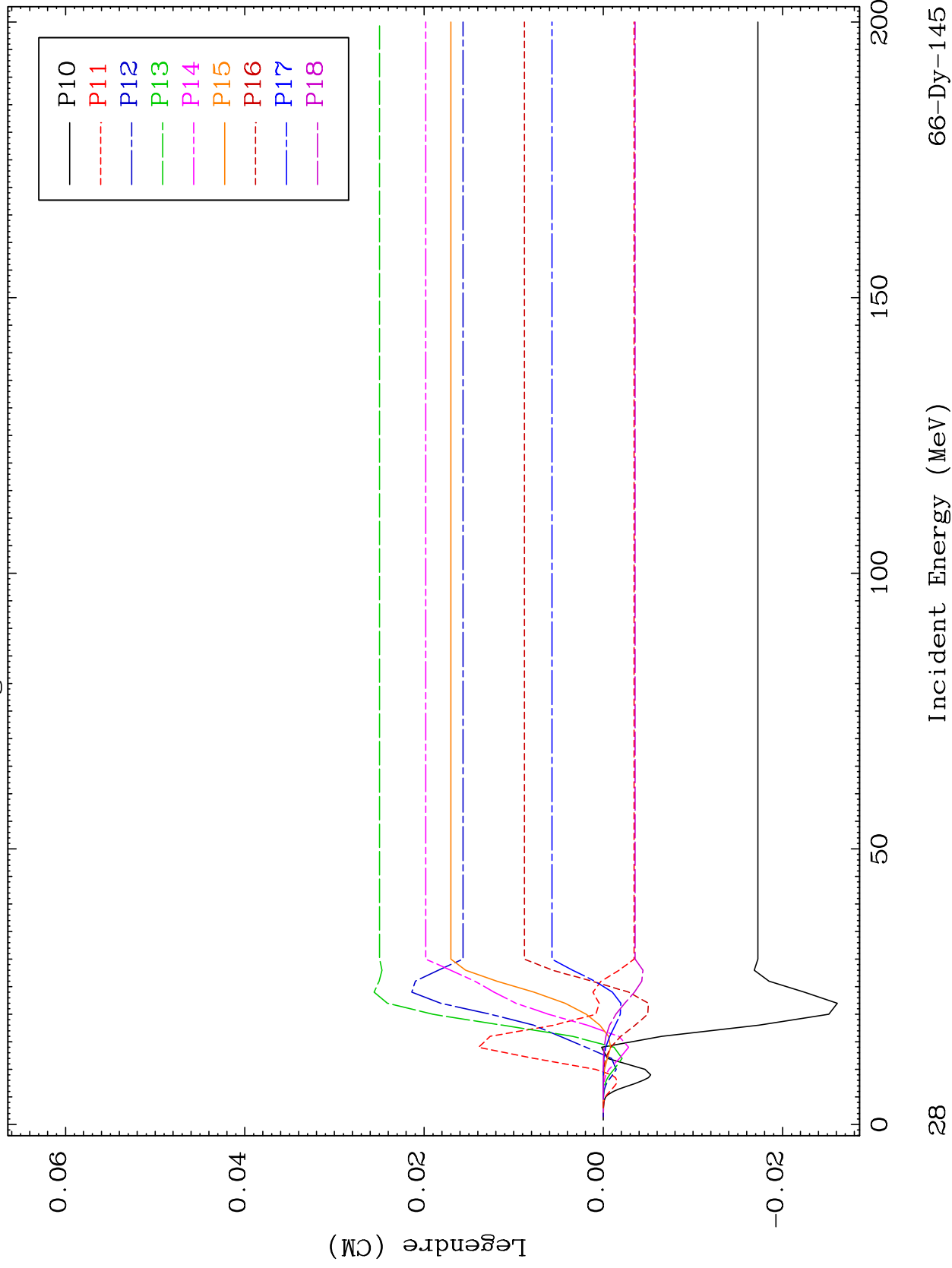
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145

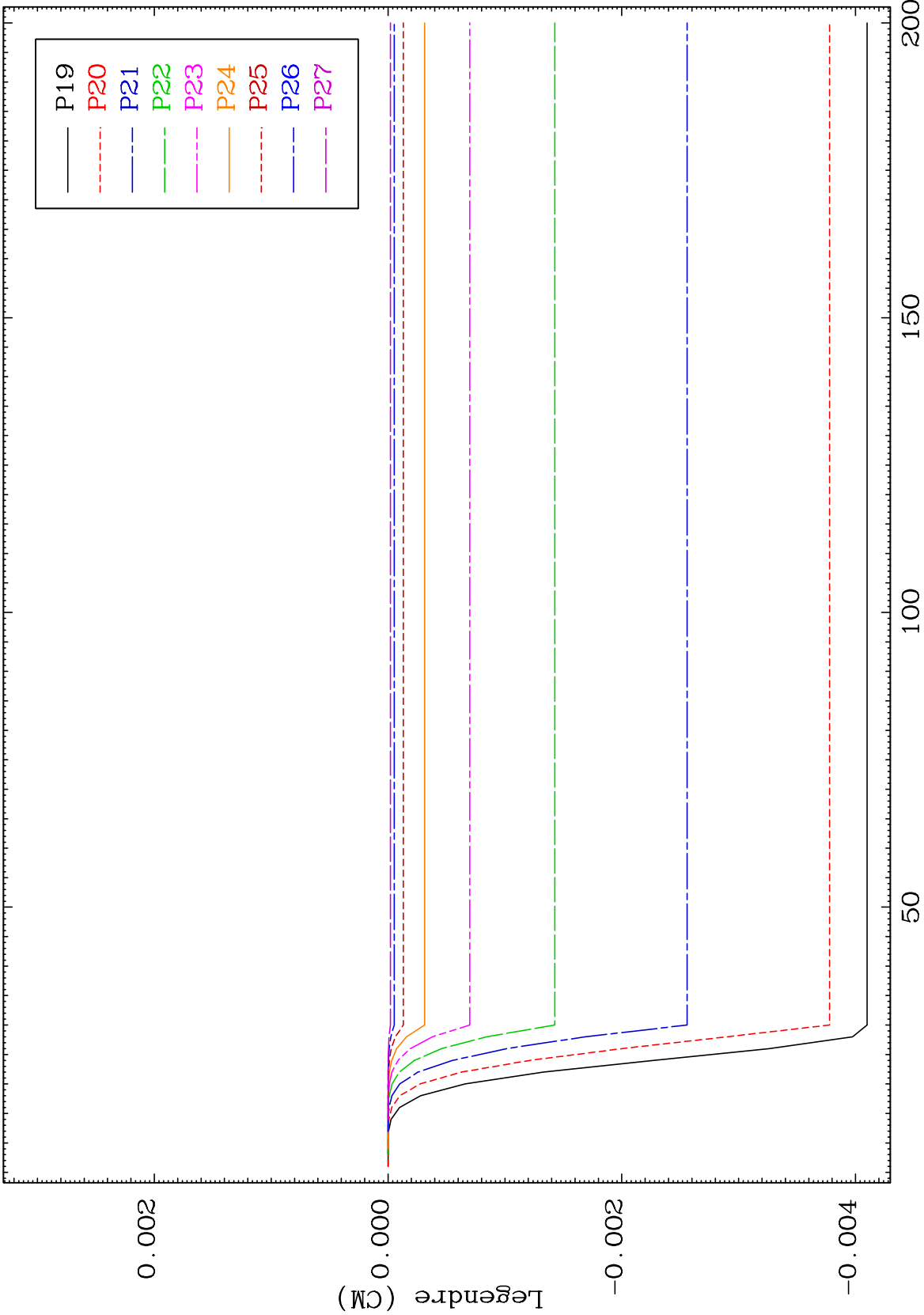


28

MAT 6592

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

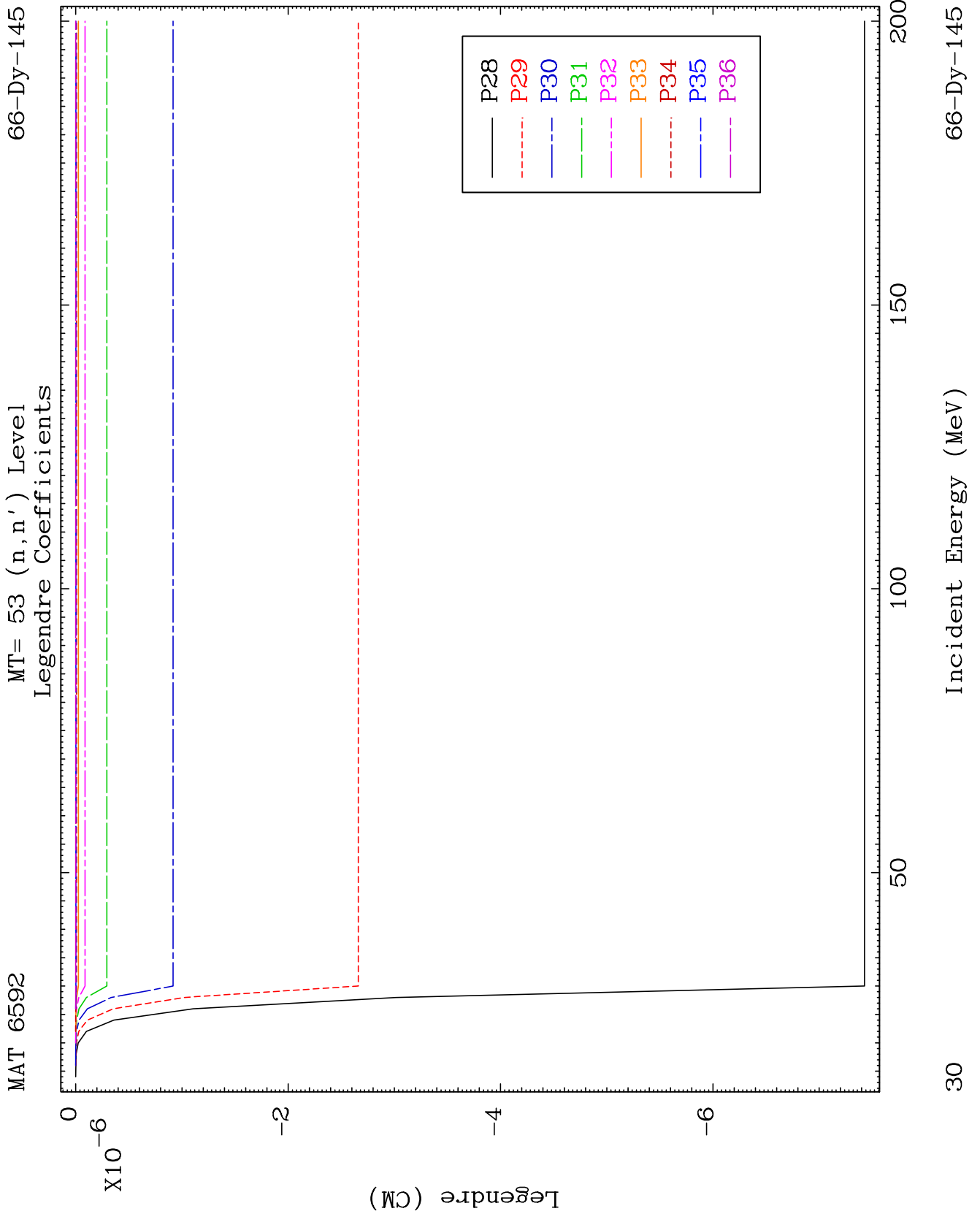
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Incident Energy (MeV)

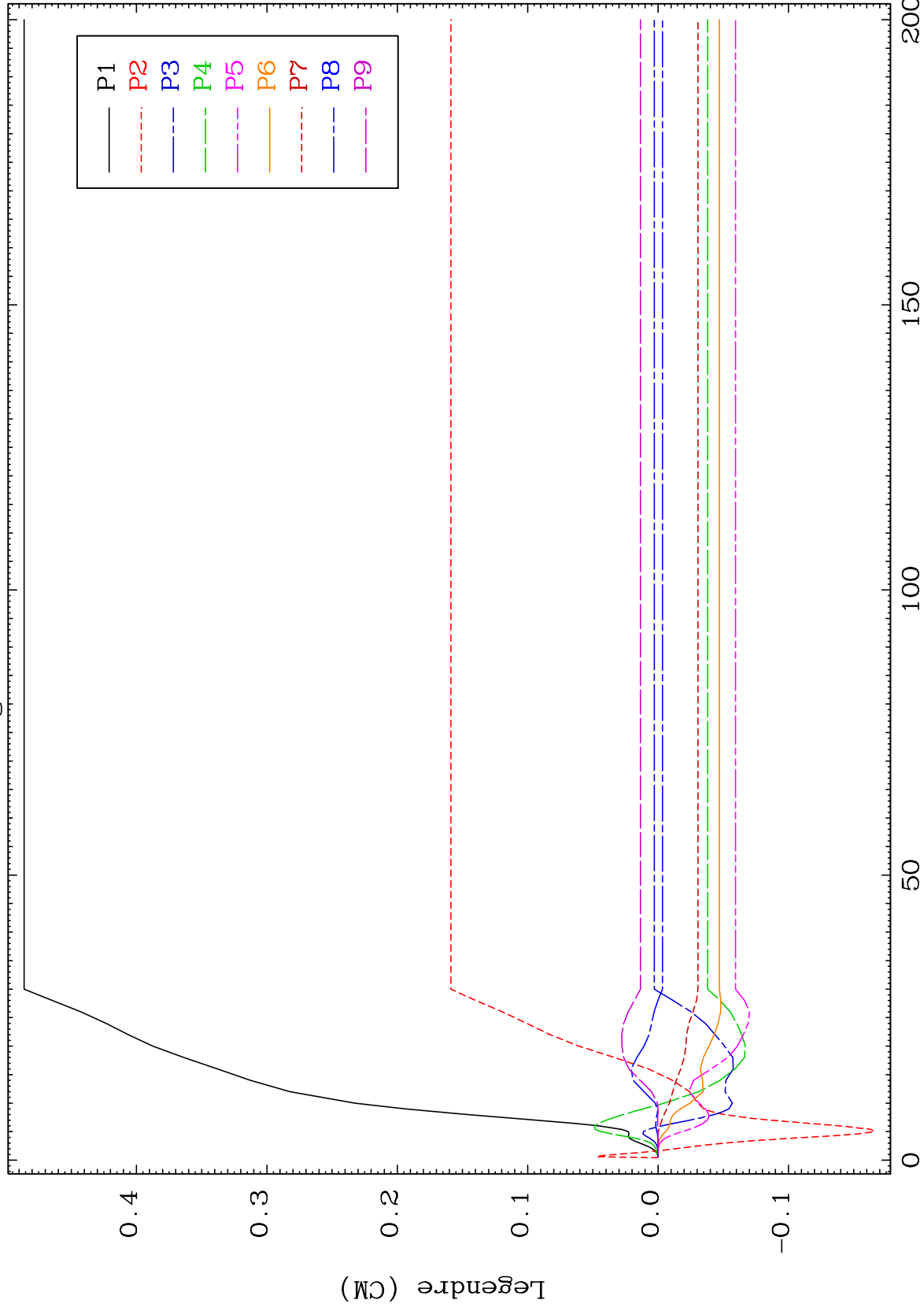
66-Dy-145



MAT 6592

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

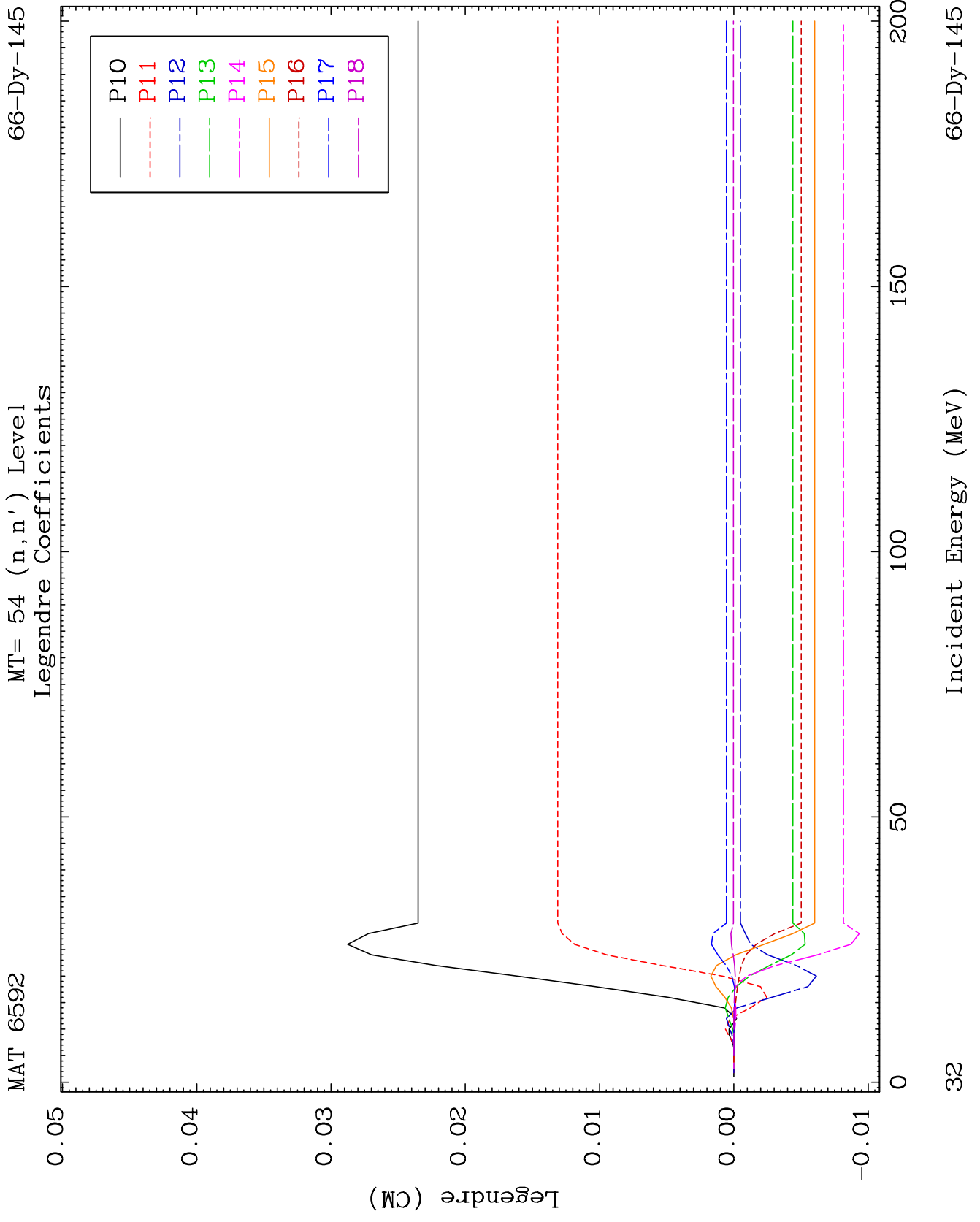
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31

Incident Energy (MeV)

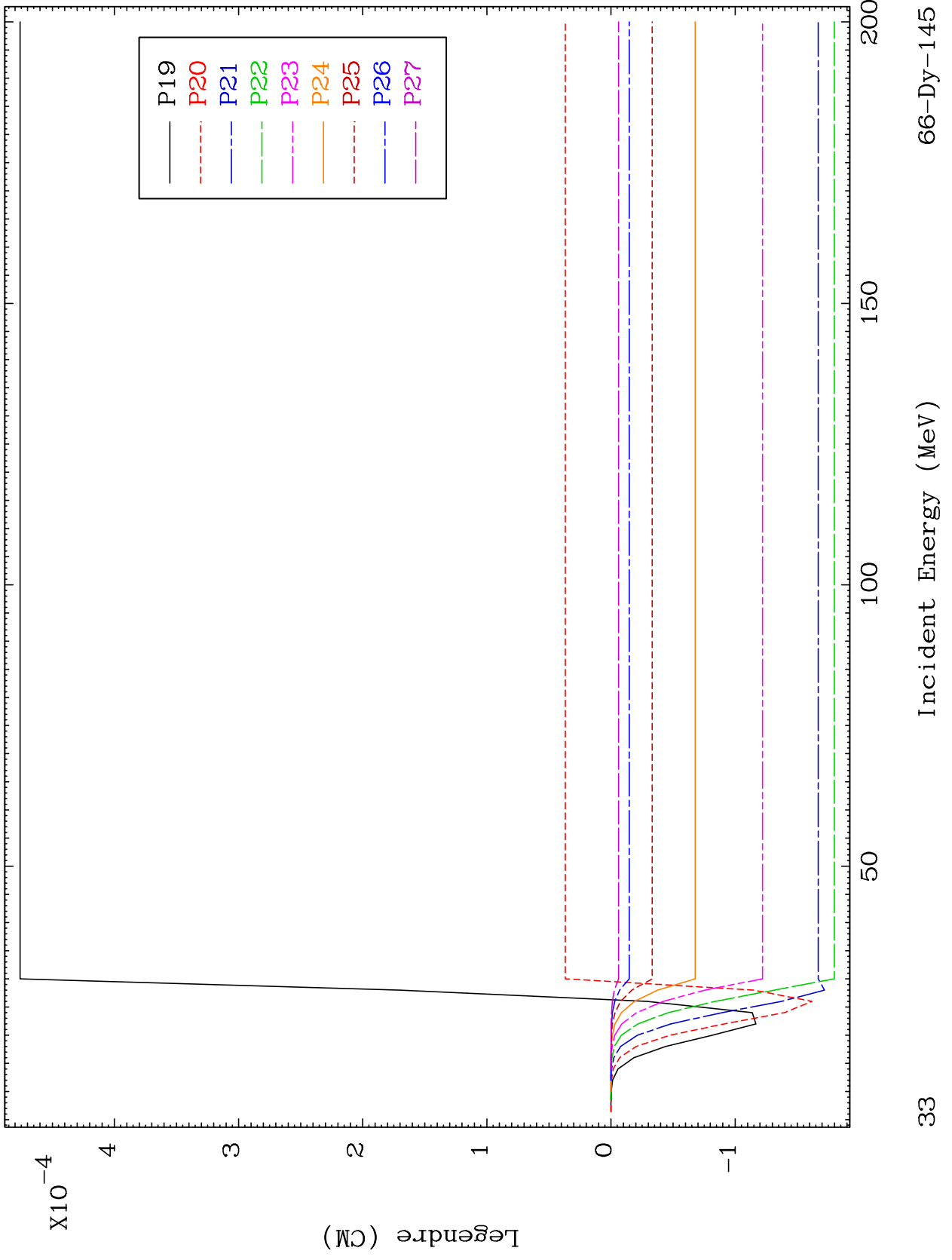
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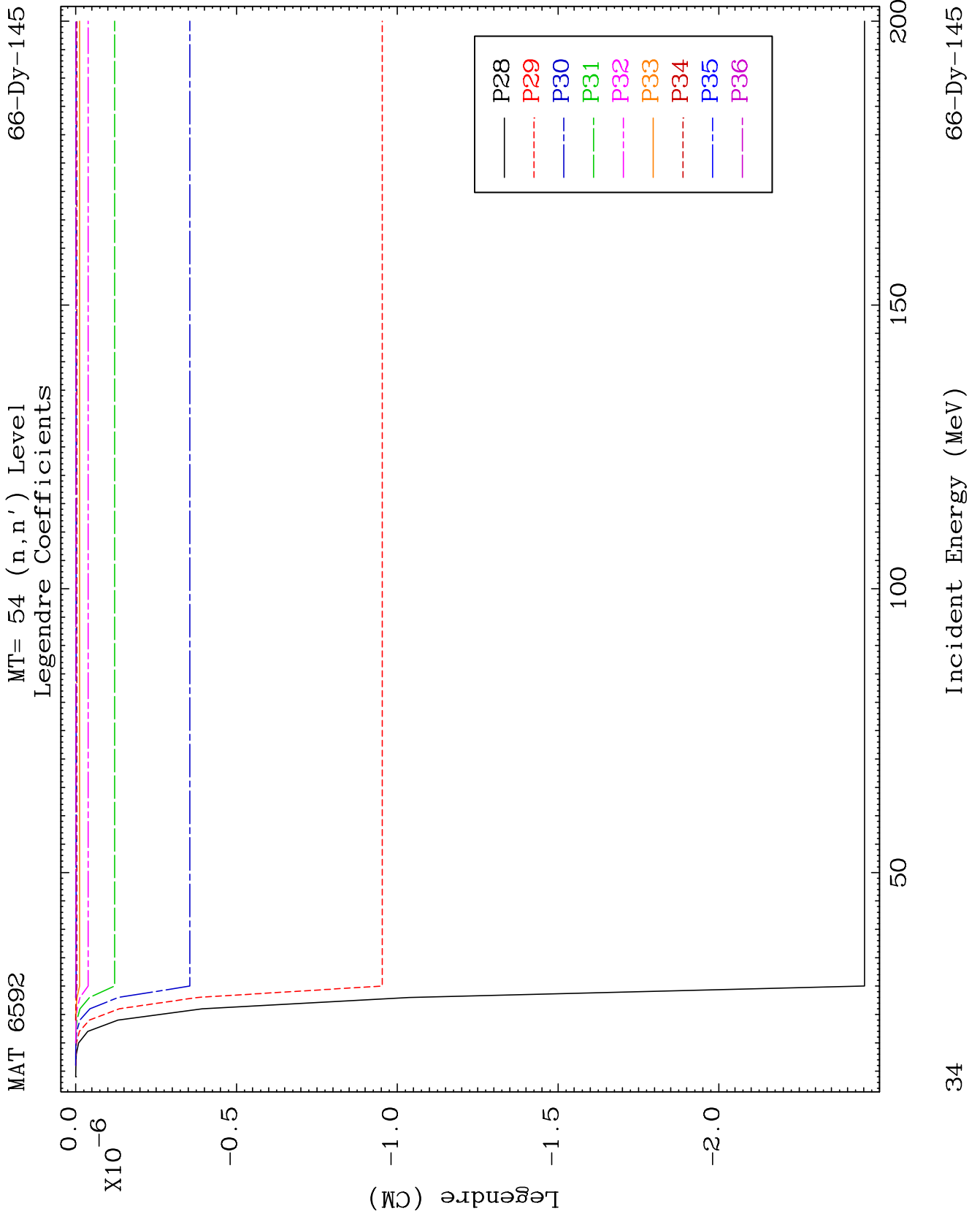


MAT 6592

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

66-Dy-145

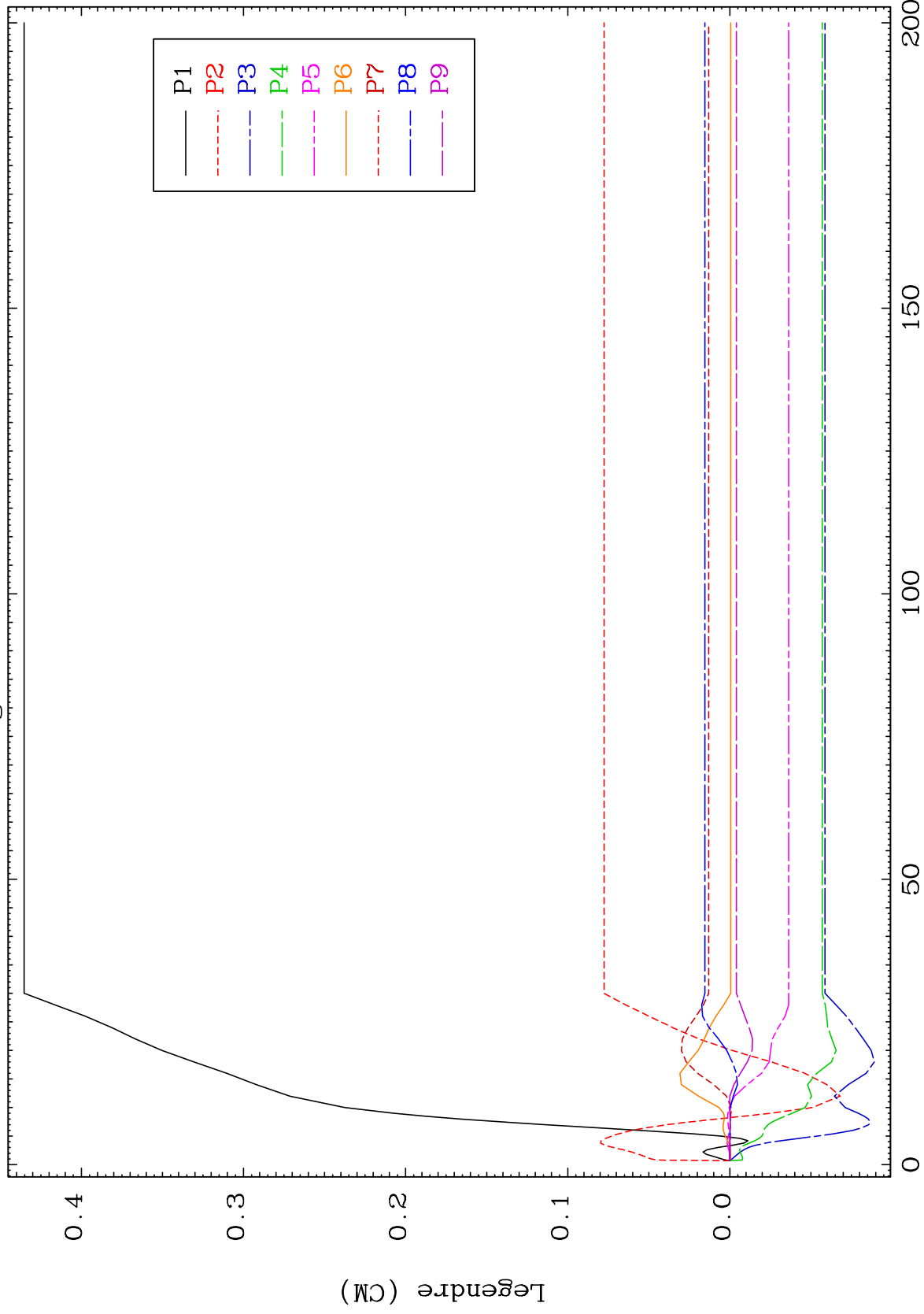




MAT 6592

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

66-Dy-145



66-Dy-145

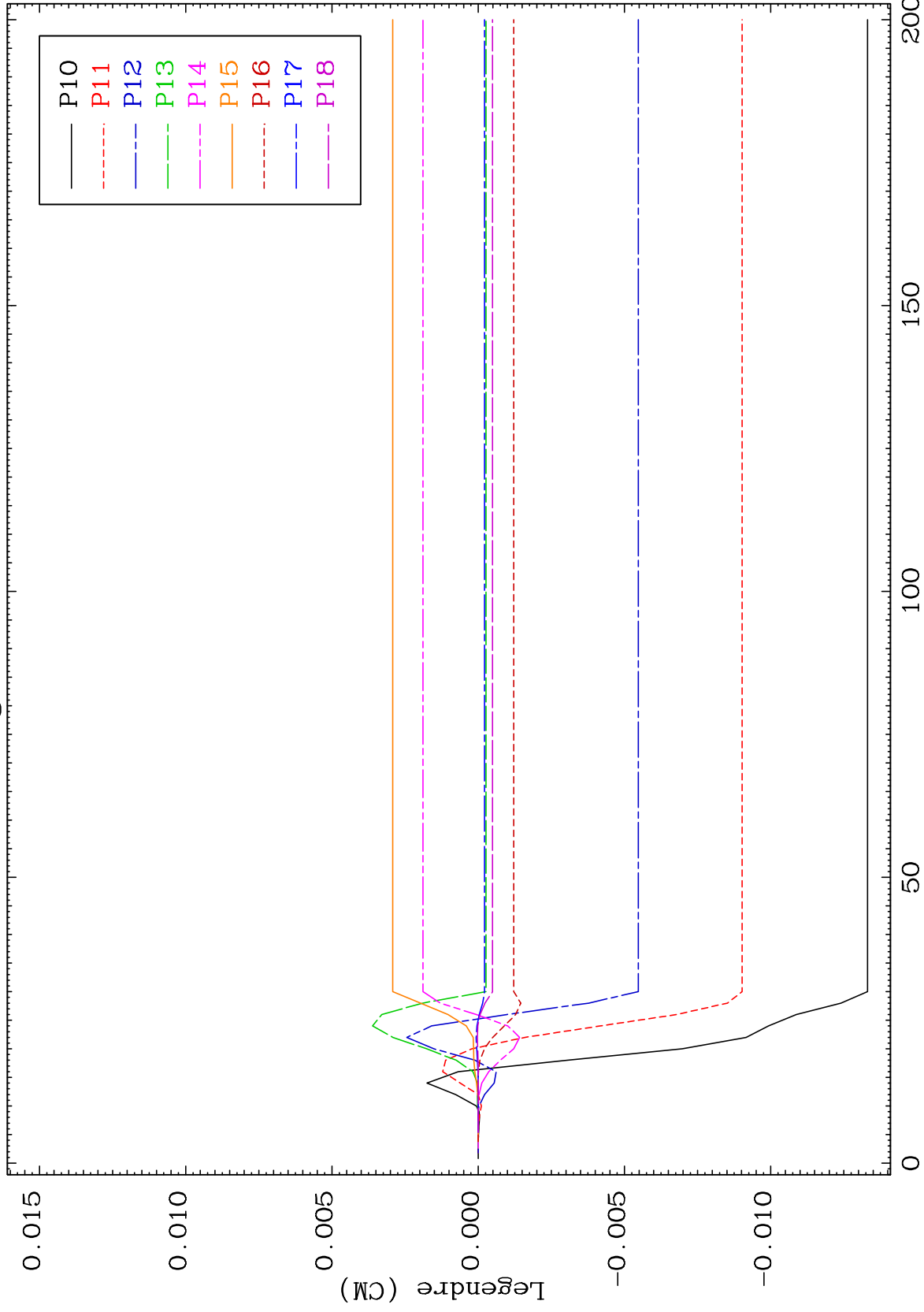
Incident Energy (MeV)

35

MAT 6592

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

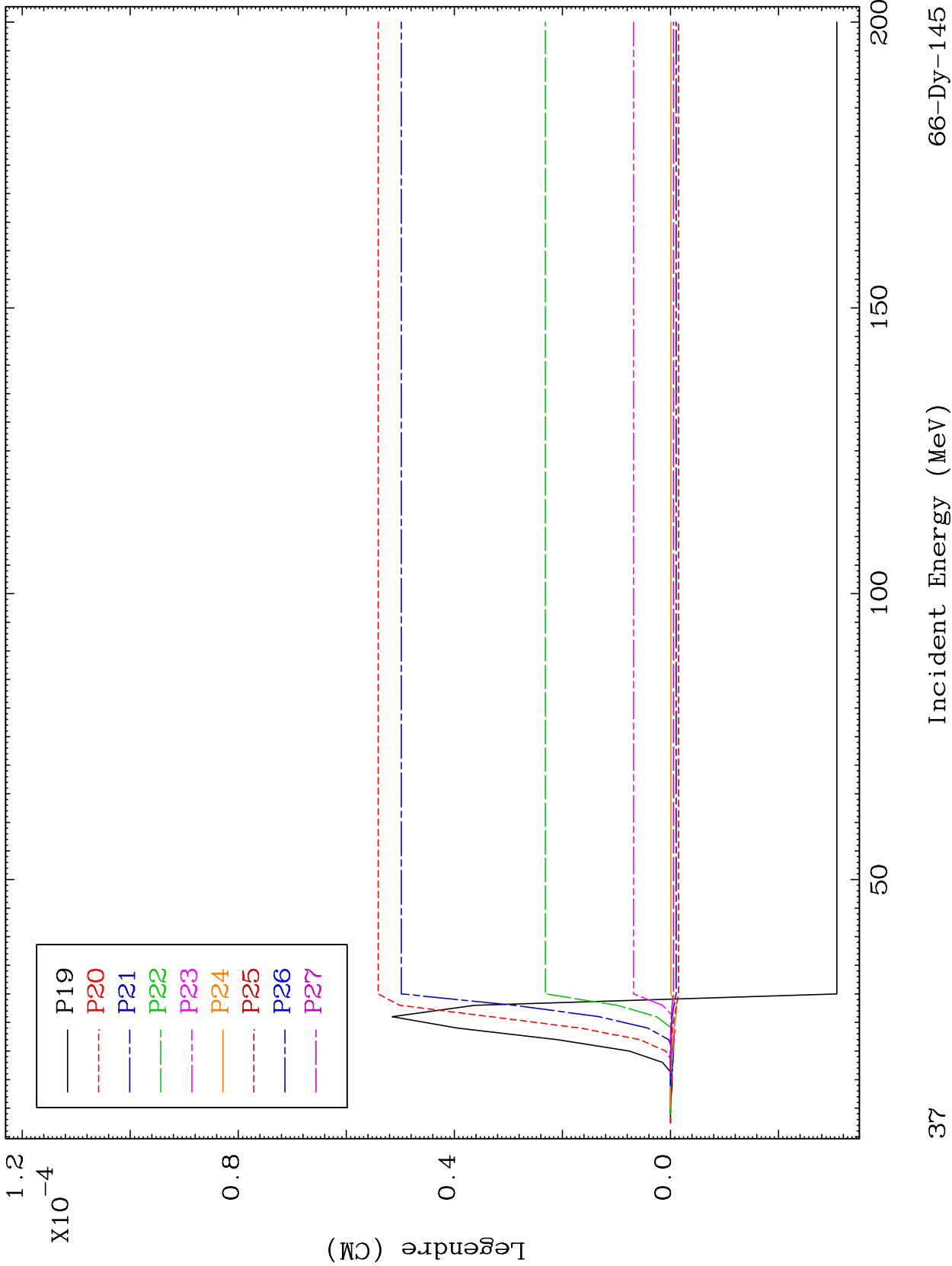
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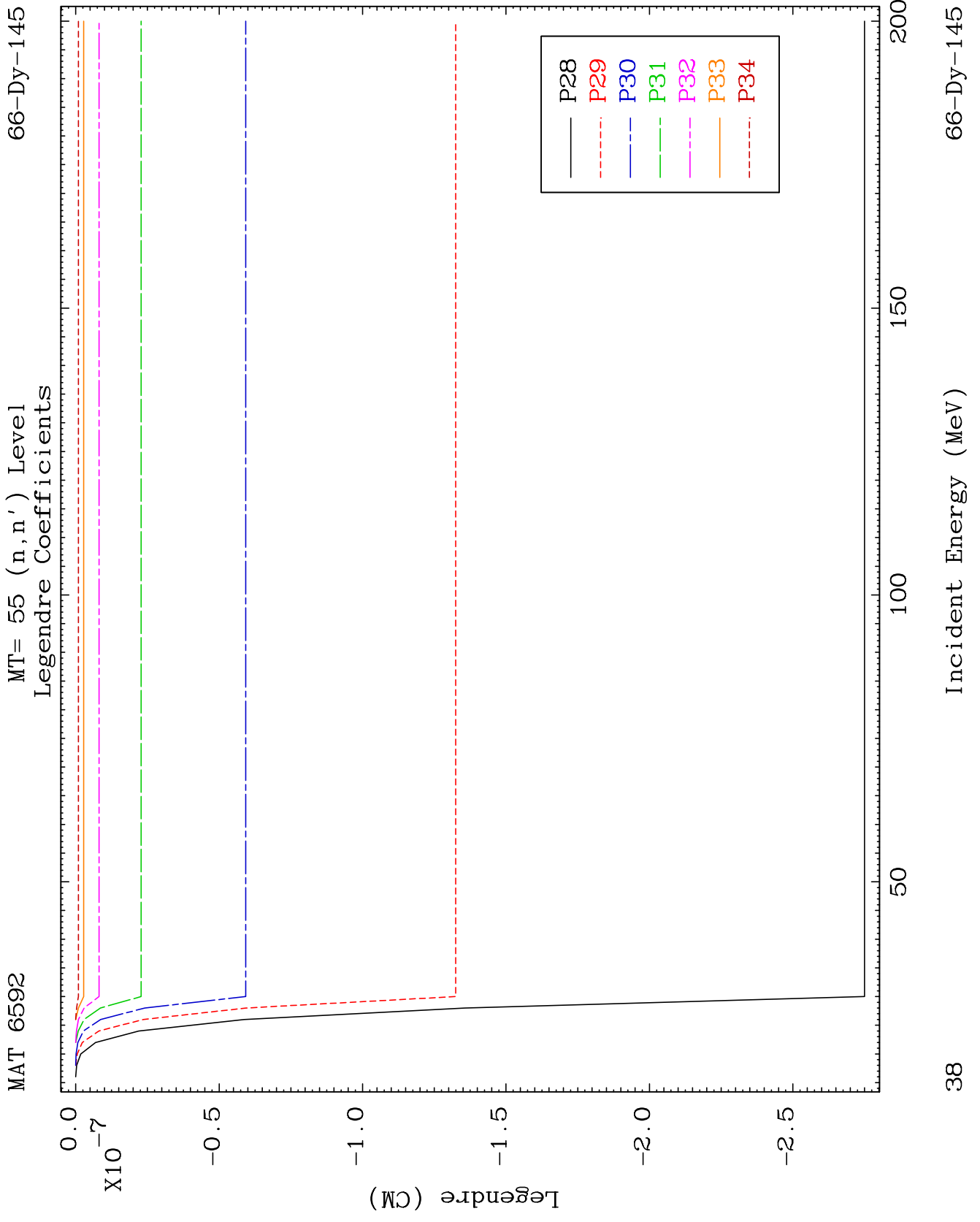


36

Incident Energy (MeV)

66-Dy-145

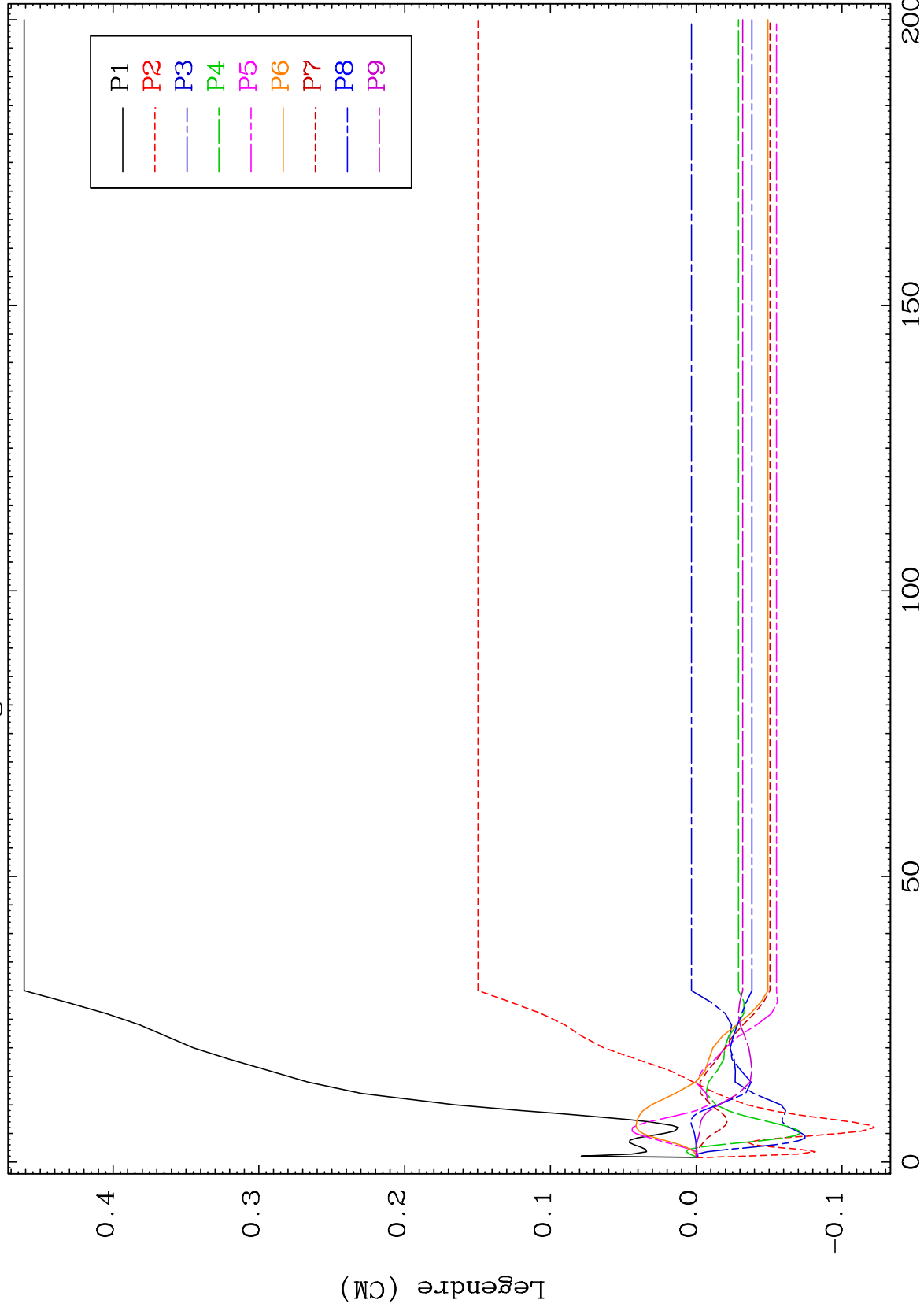




MAT 6592

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

66-Dy-145



39

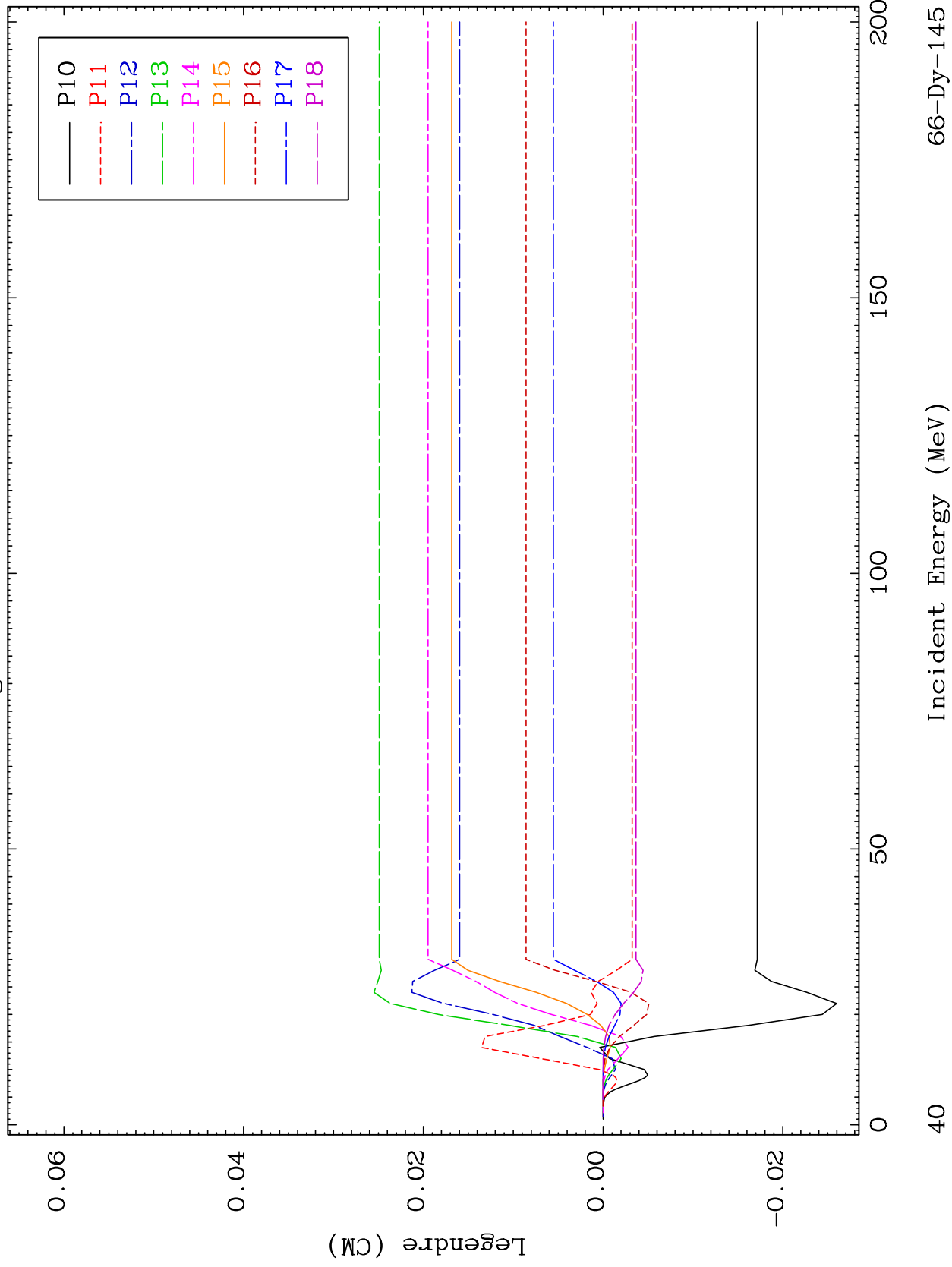
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

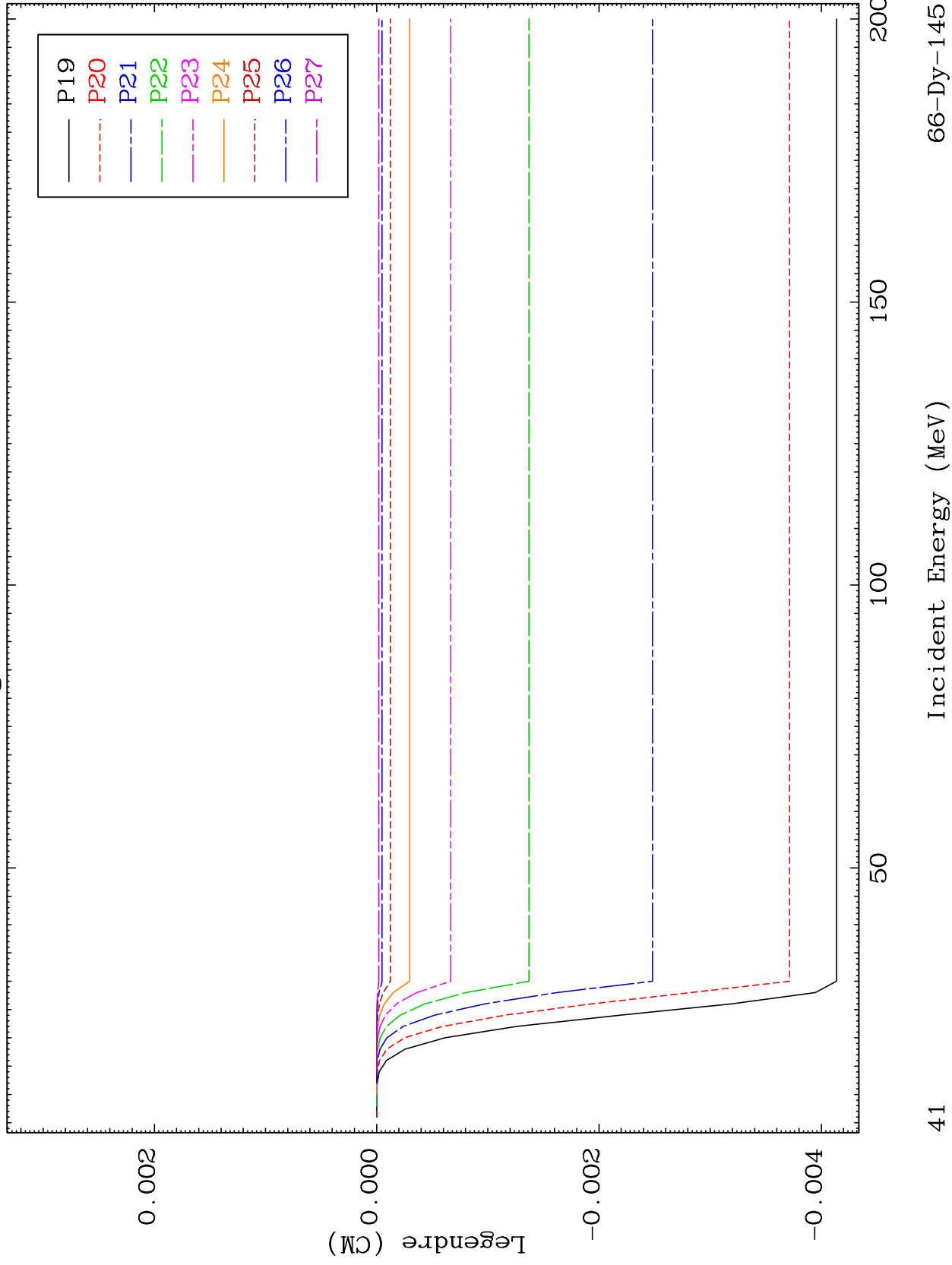
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MAT 6592

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

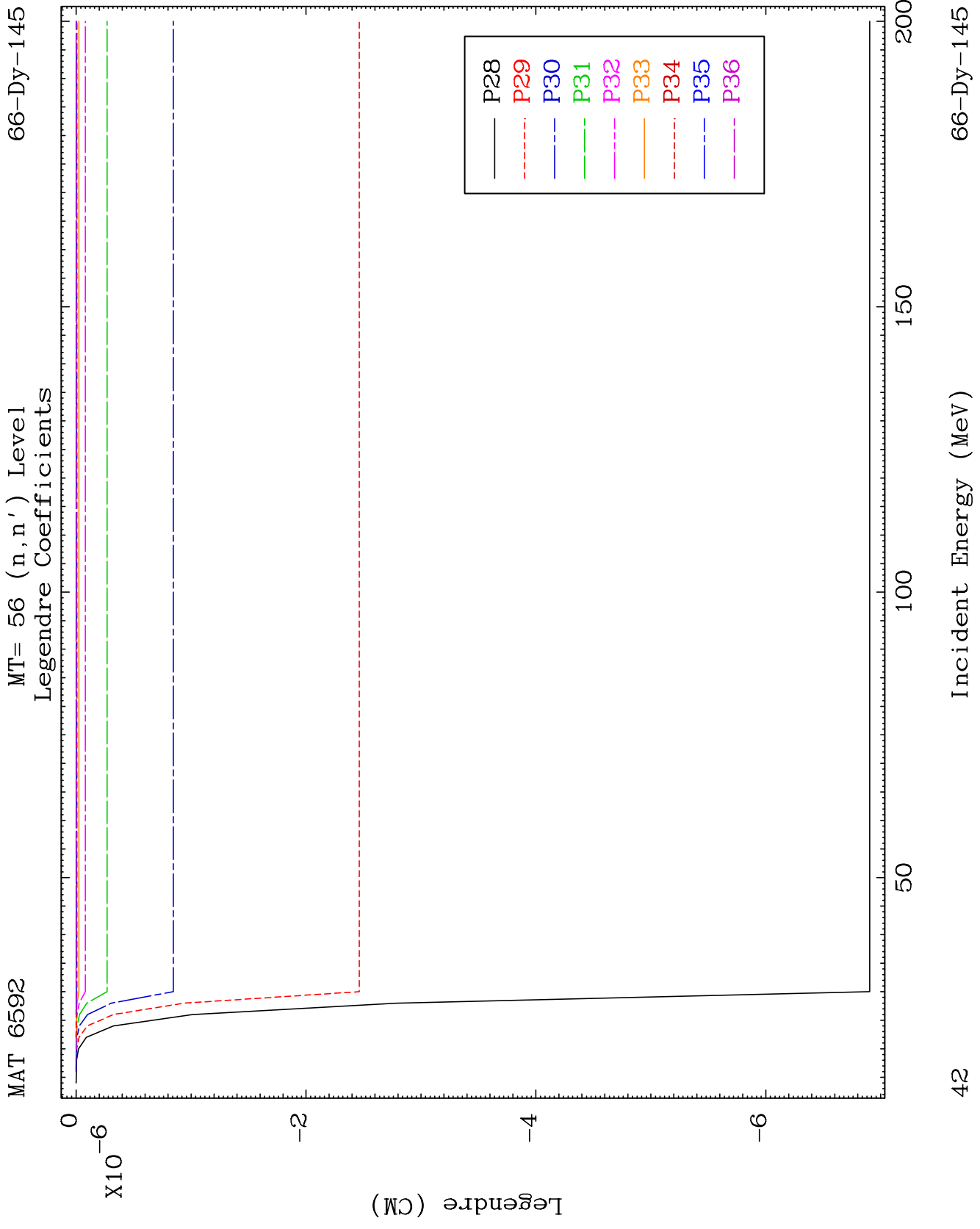
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41

Incident Energy (MeV)

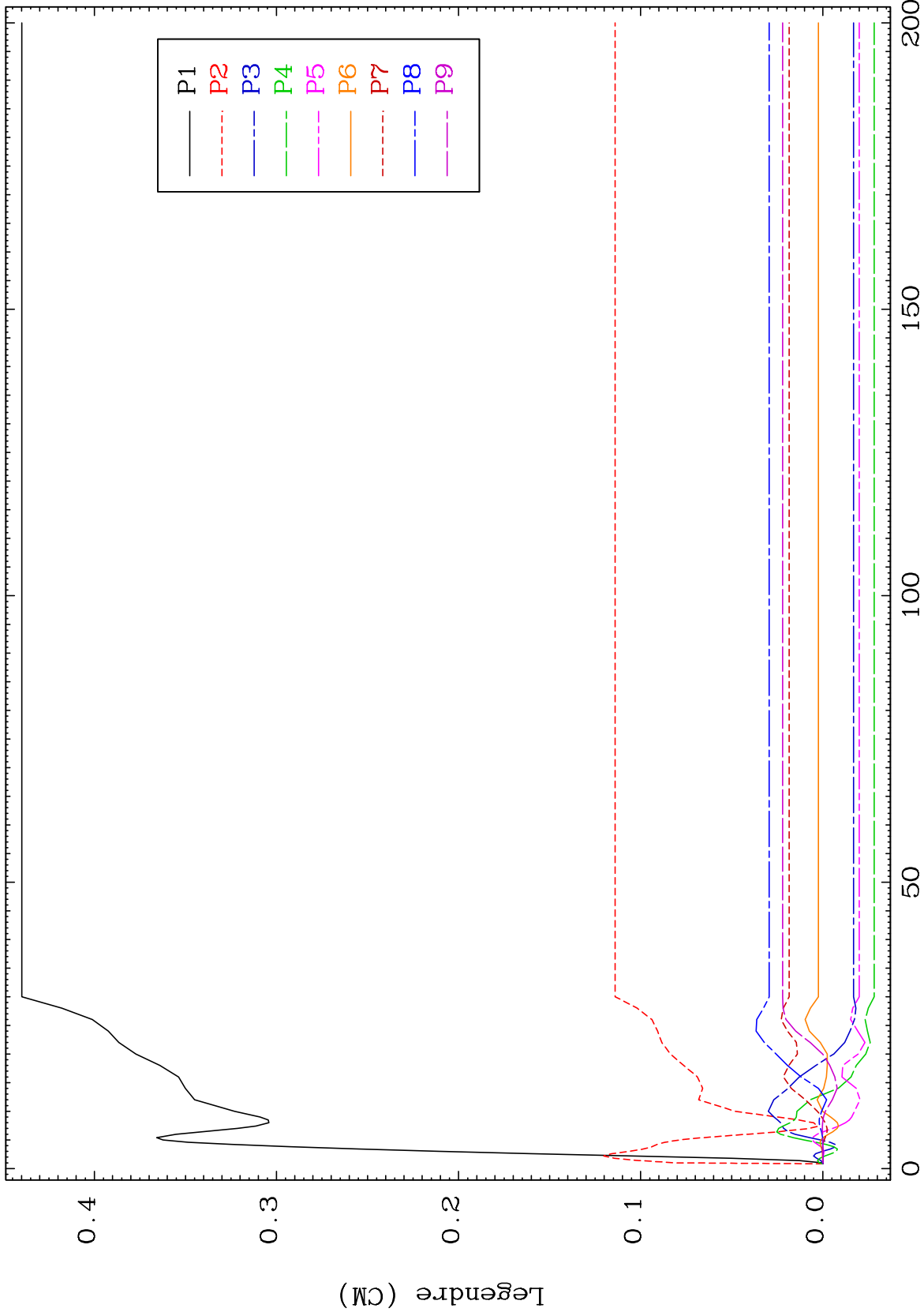
66-Dy-145



MAT 6592

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

66-Dy-145



43

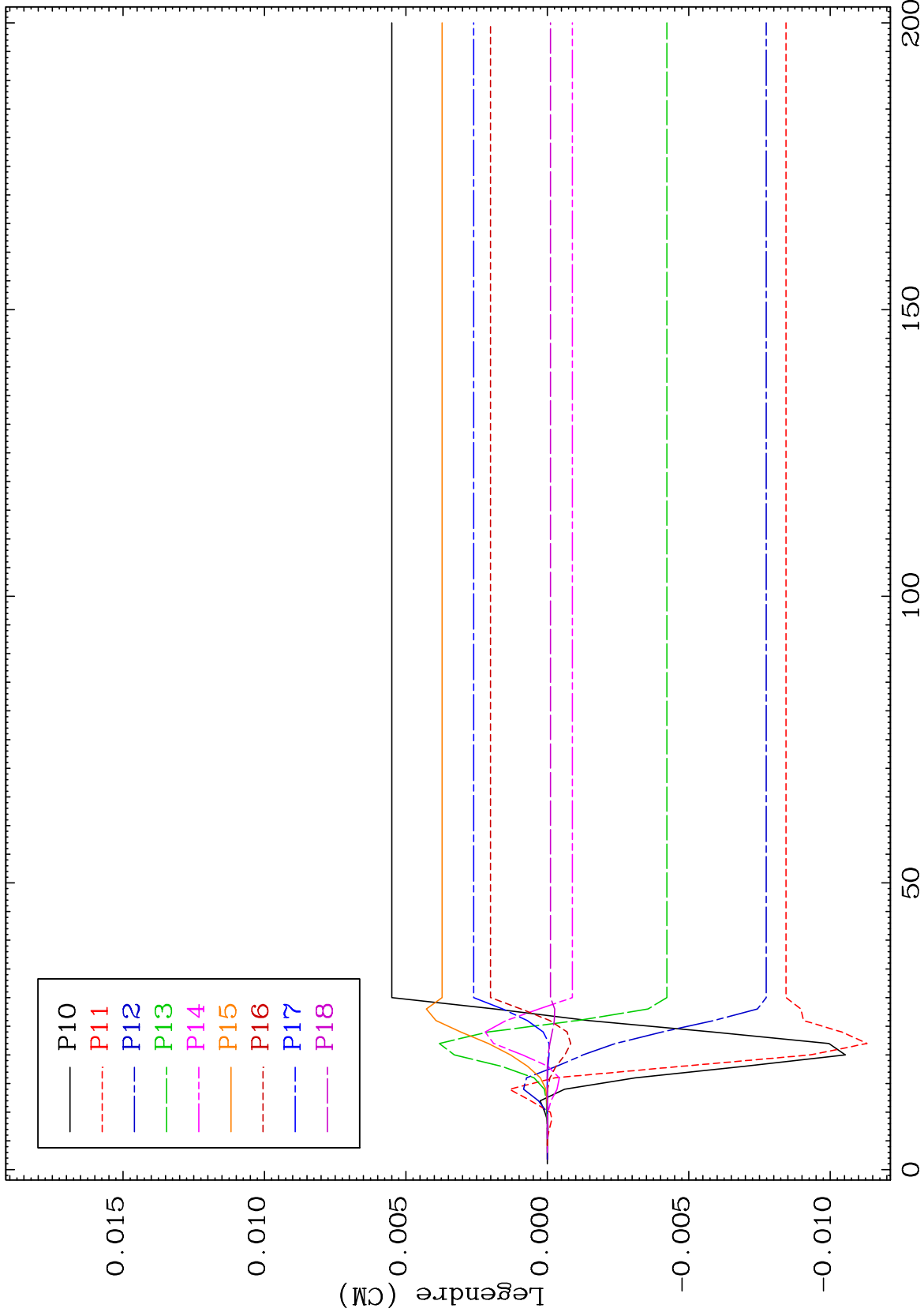
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

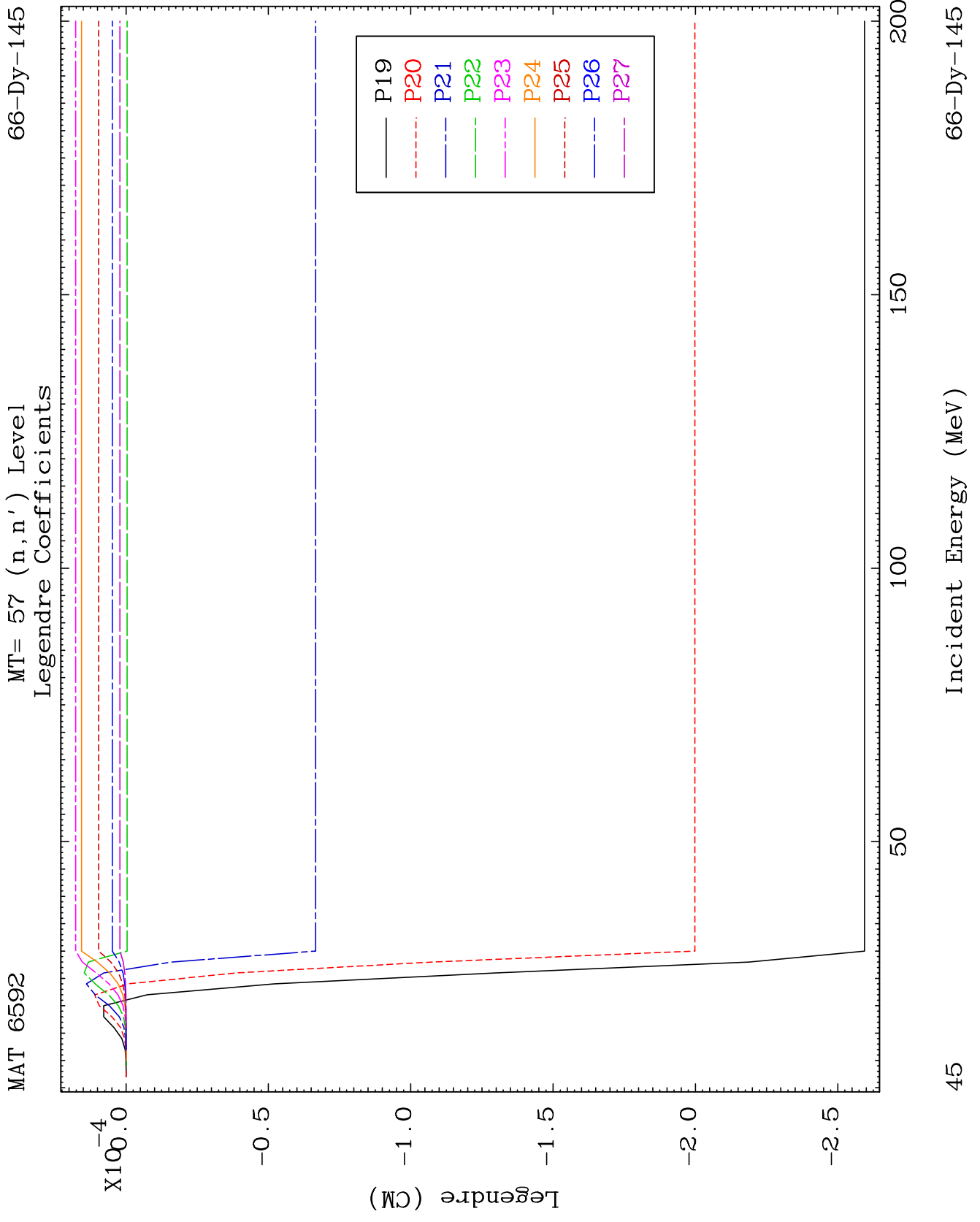
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44

Incident Energy (MeV)

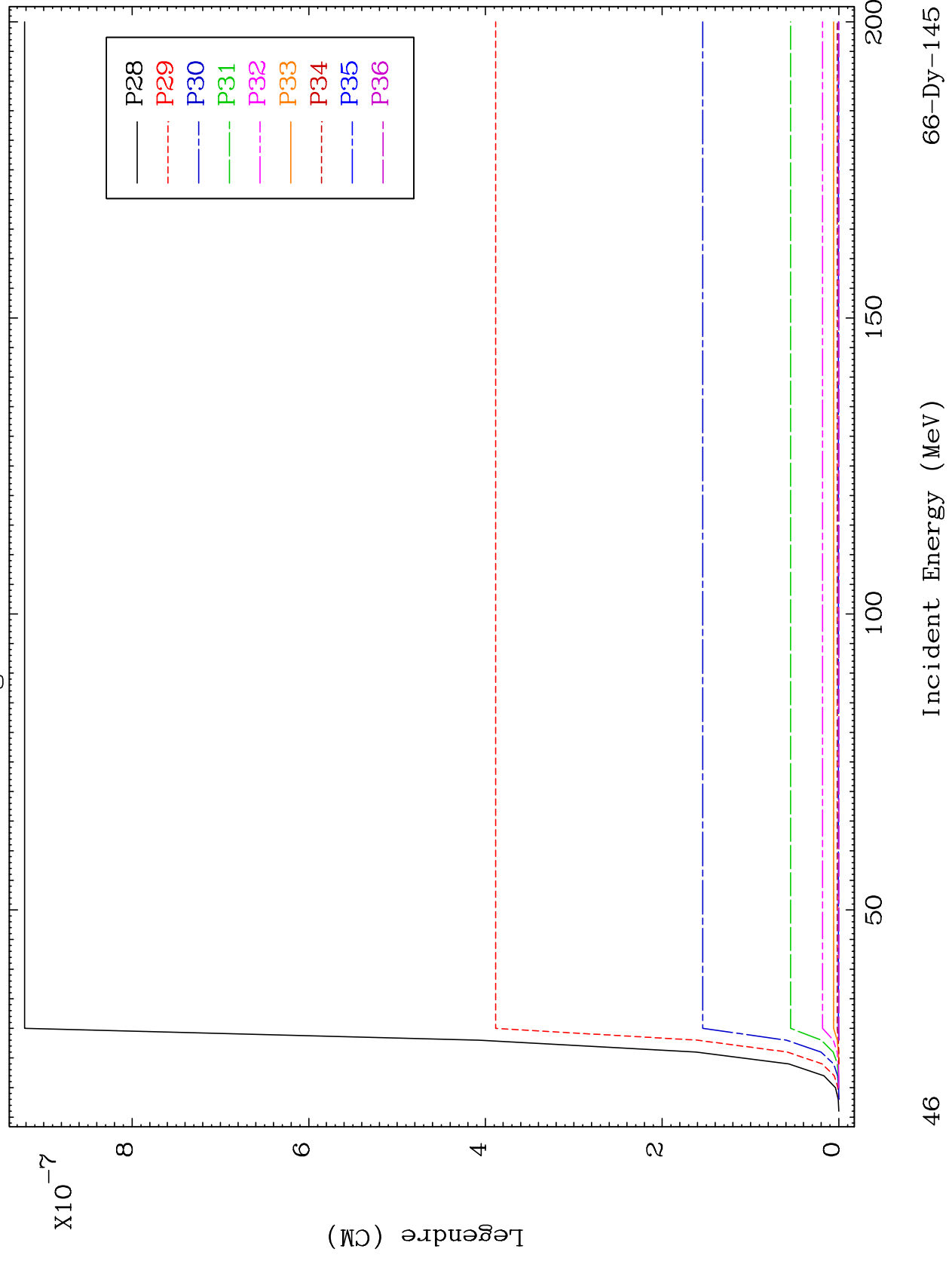
66-Dy-145



MAT 6592

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

66-Dy-145



46

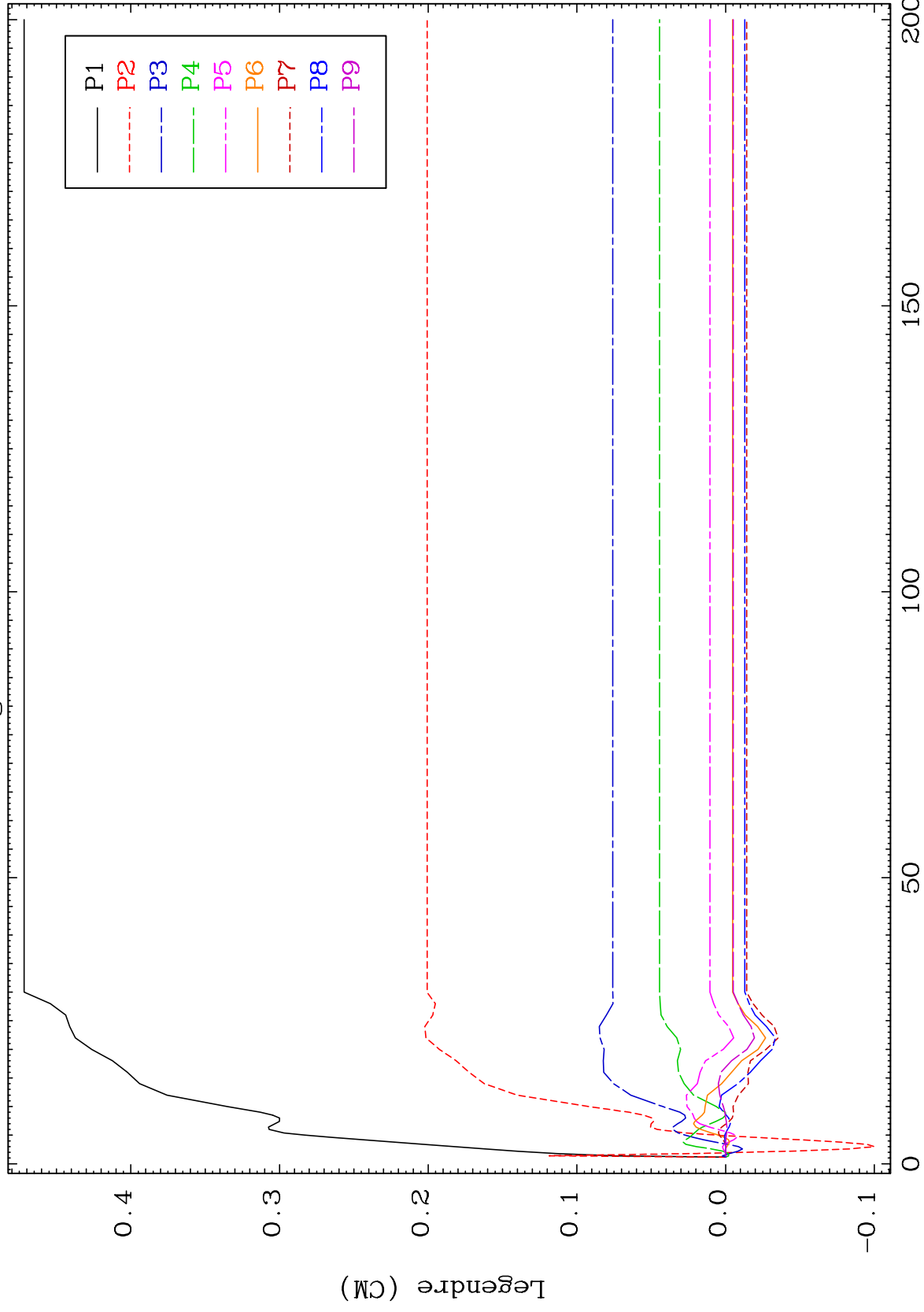
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



47

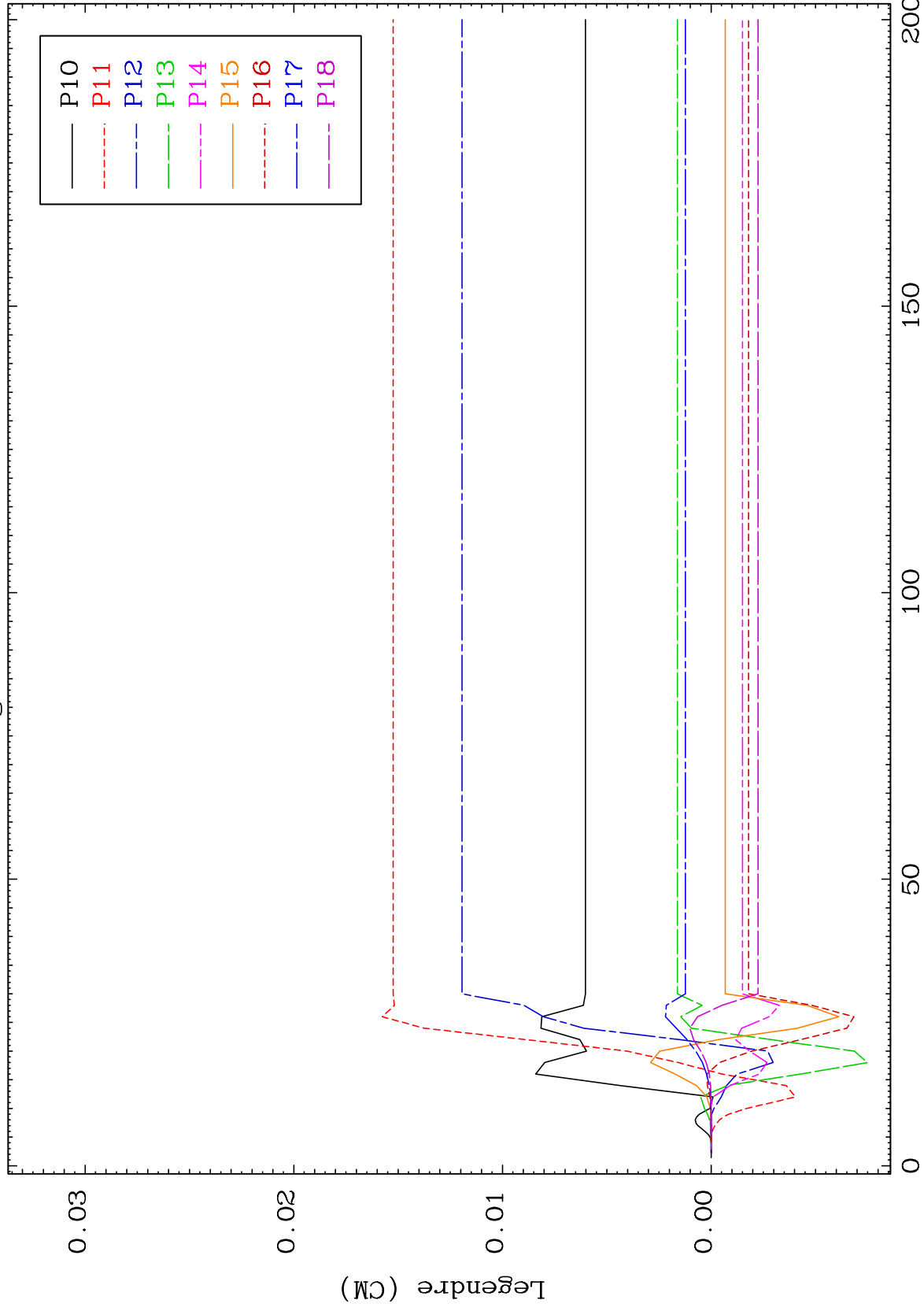
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



48

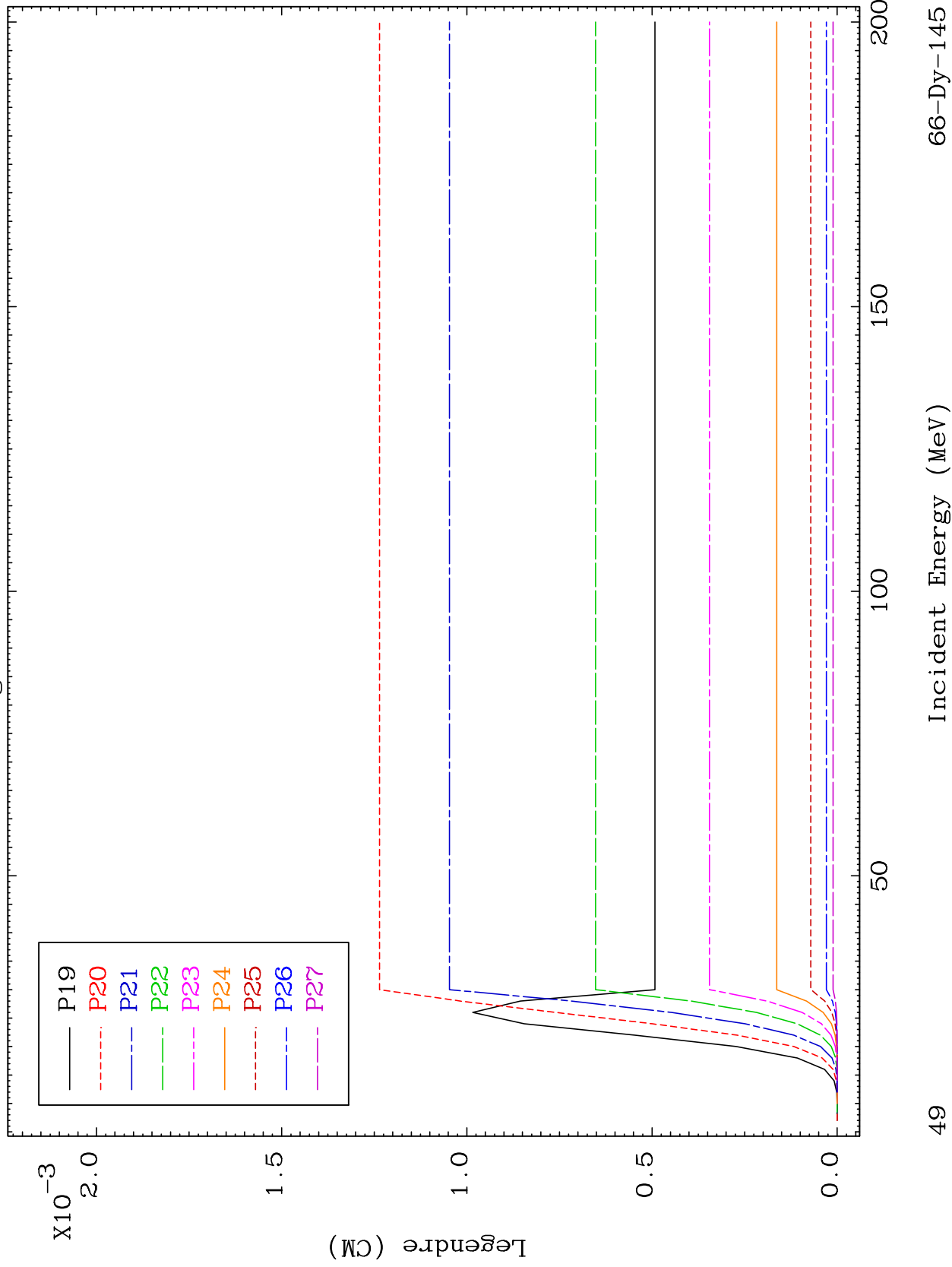
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

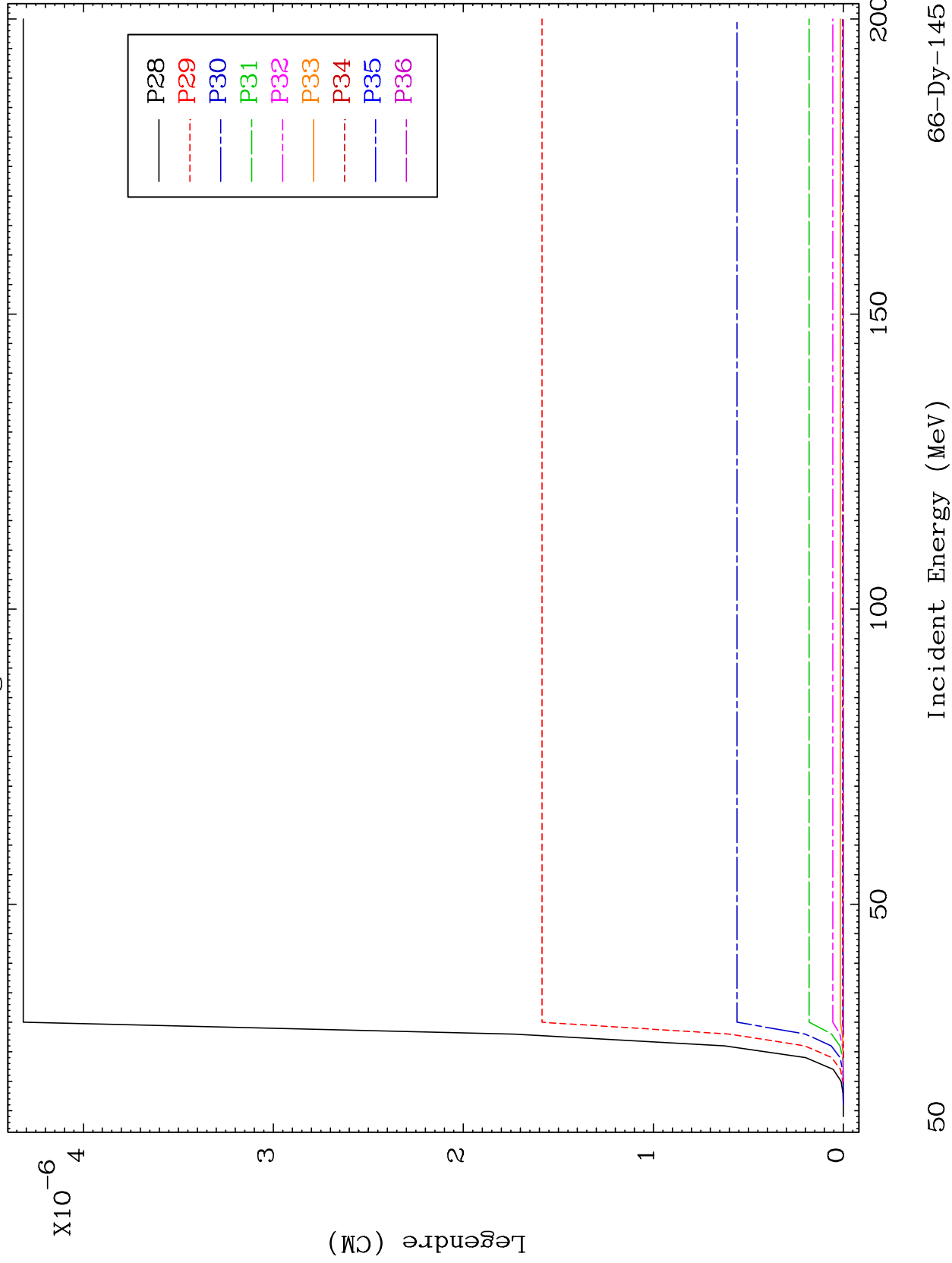
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MAT 6592

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

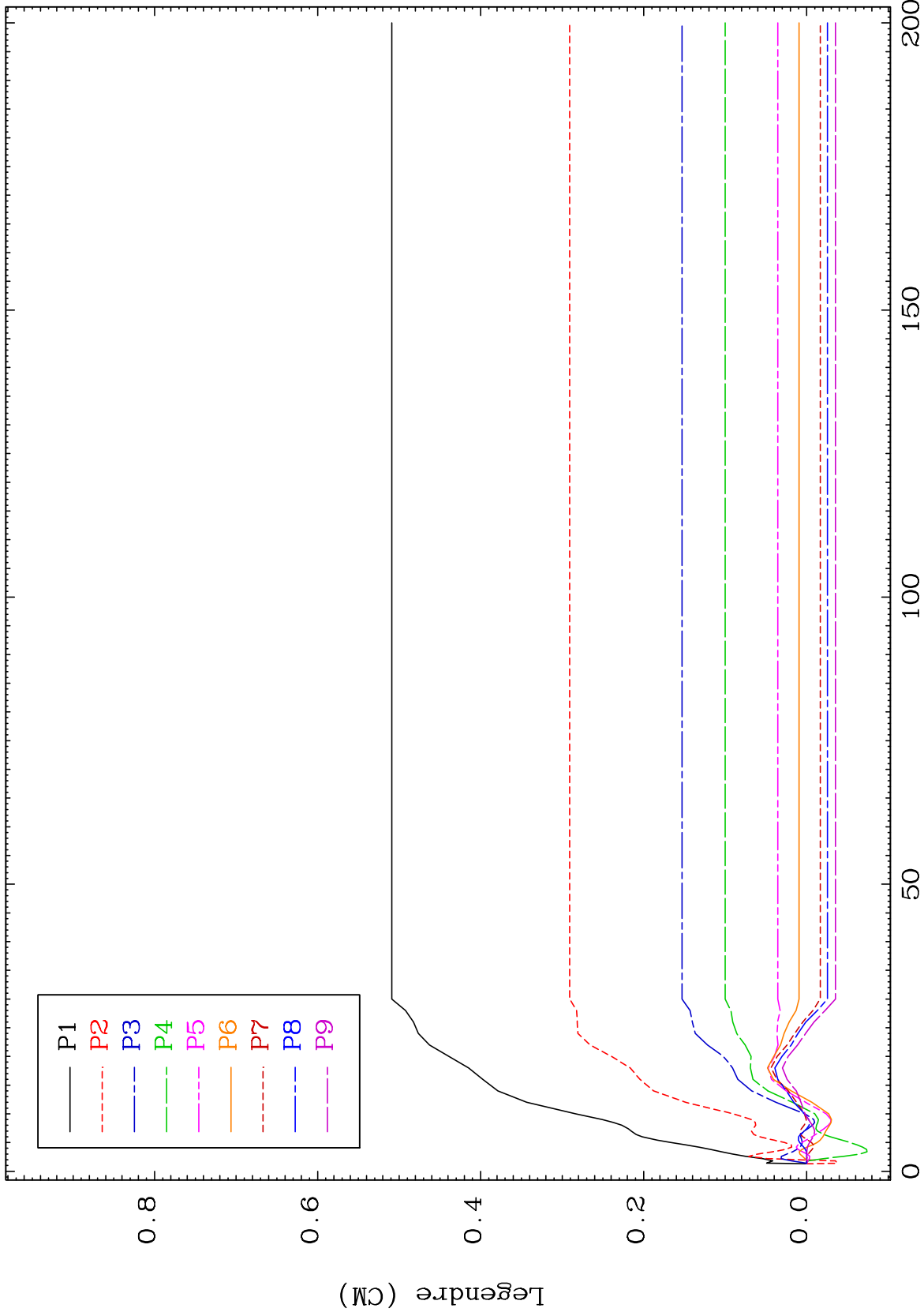
66-Dy-145



MAT 6592

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

66-Dy-145



51

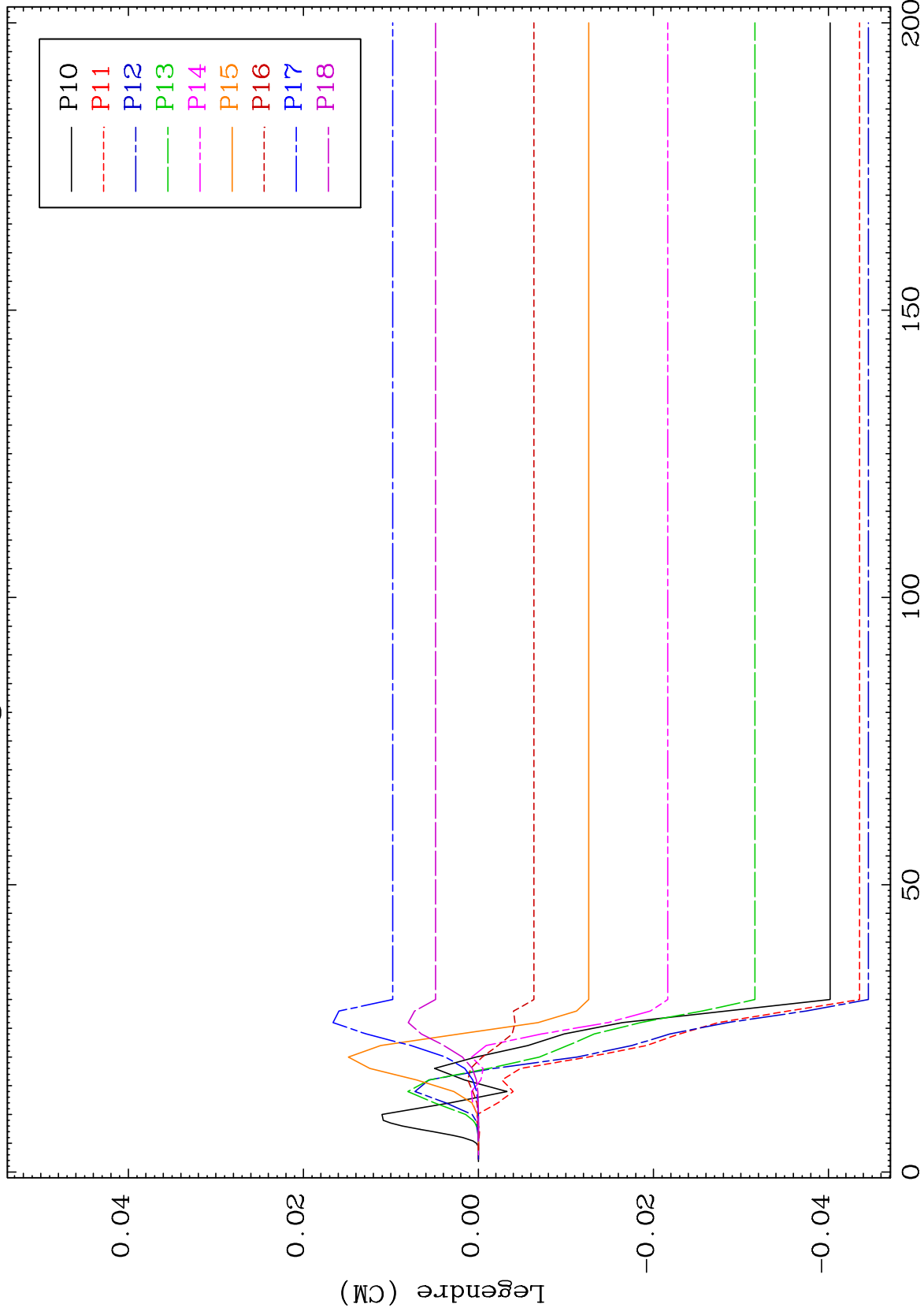
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



52

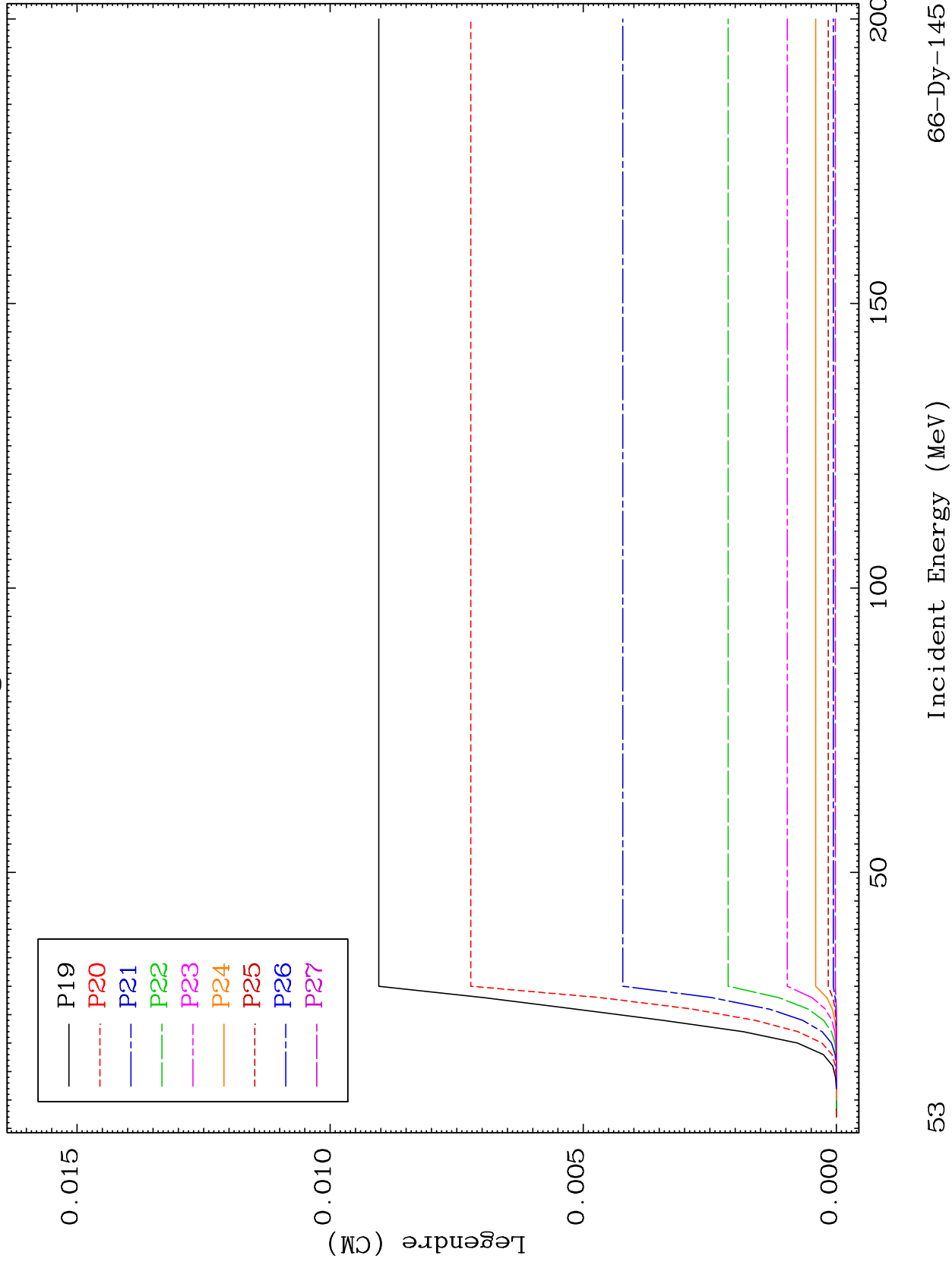
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



53

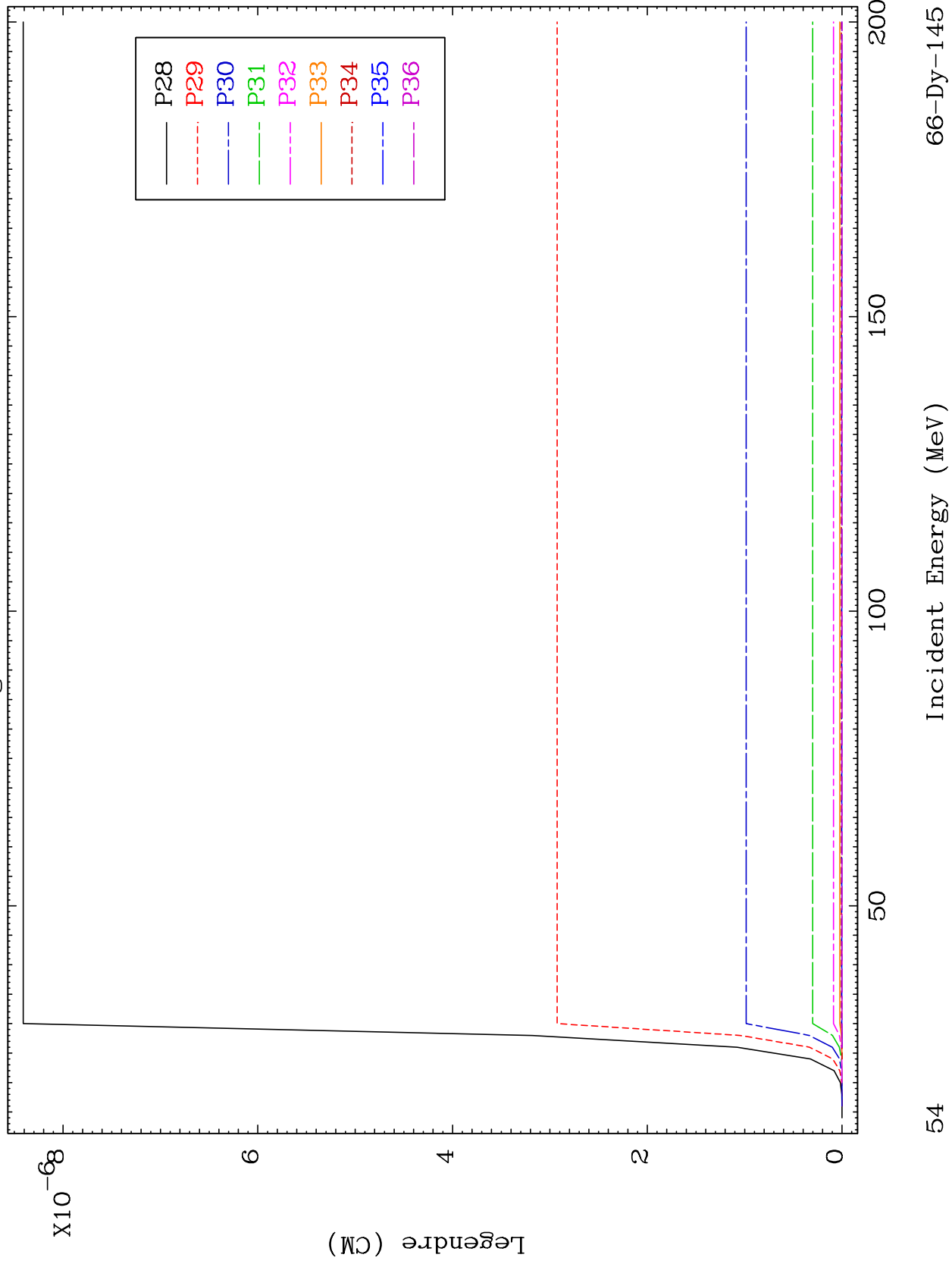
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



54

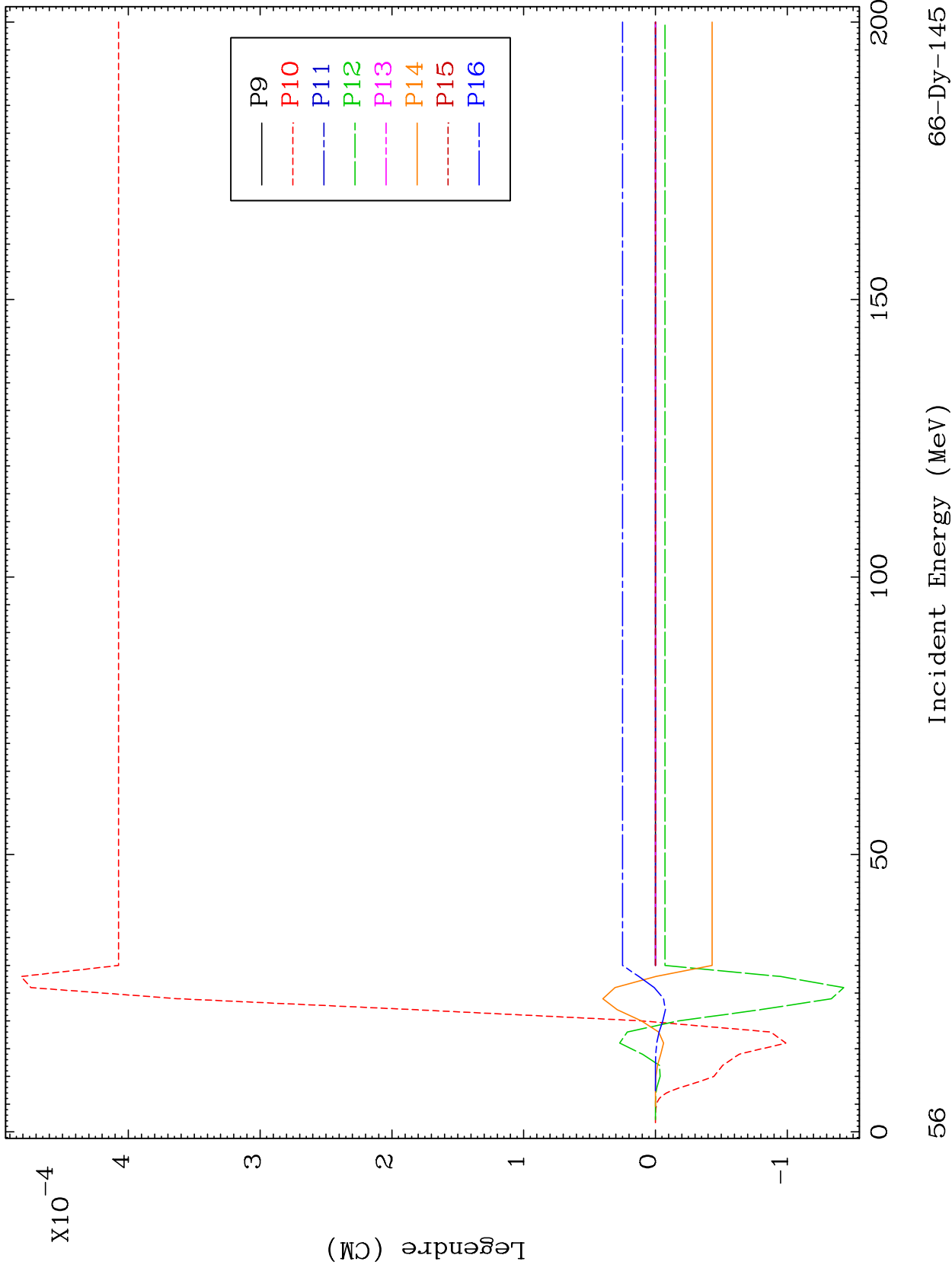
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

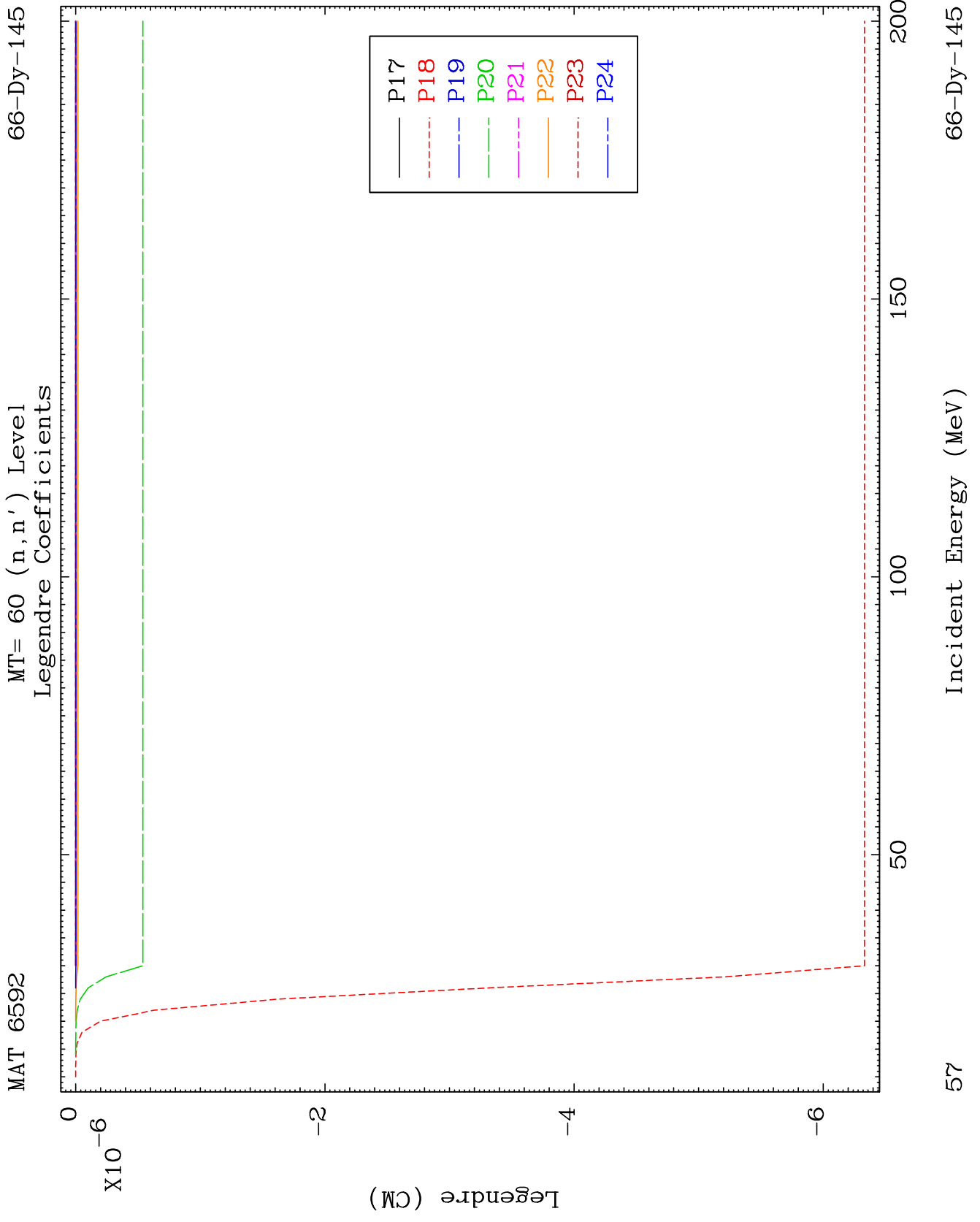
66-Dy-145



66-Dy-145

Incident Energy (MeV)

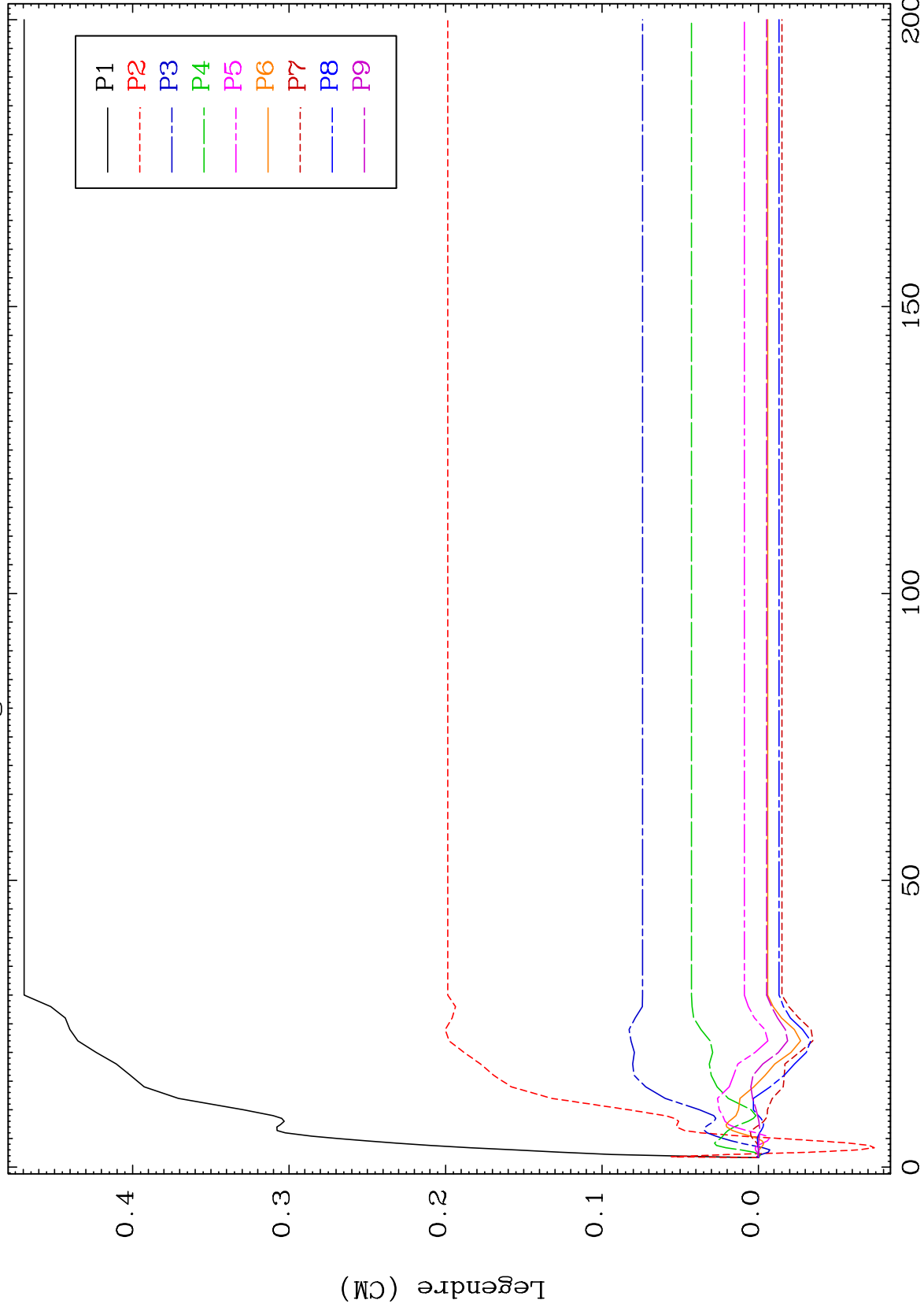
56



MAT 6592

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

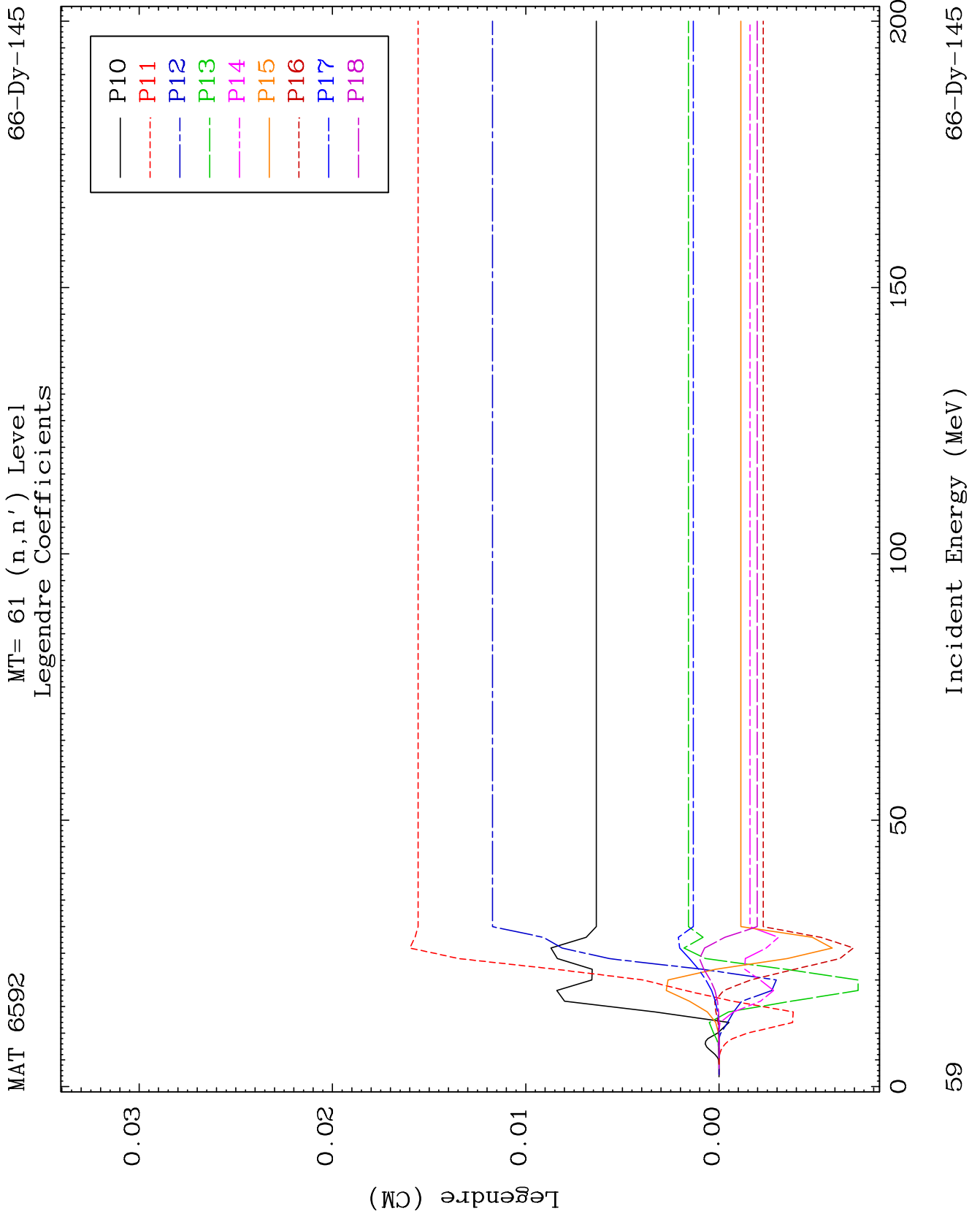
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58

66-Dy-145

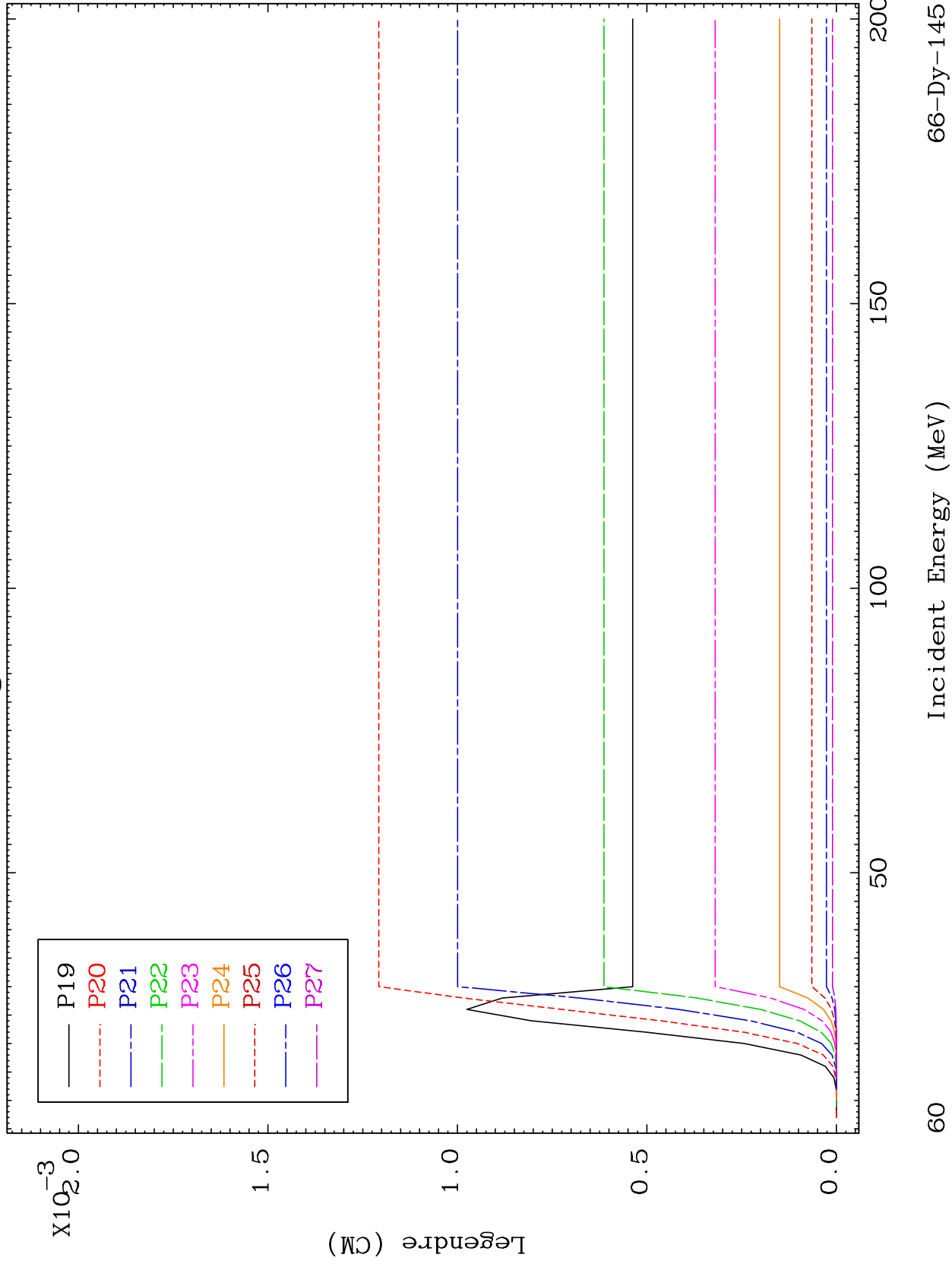
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MAT 6592

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

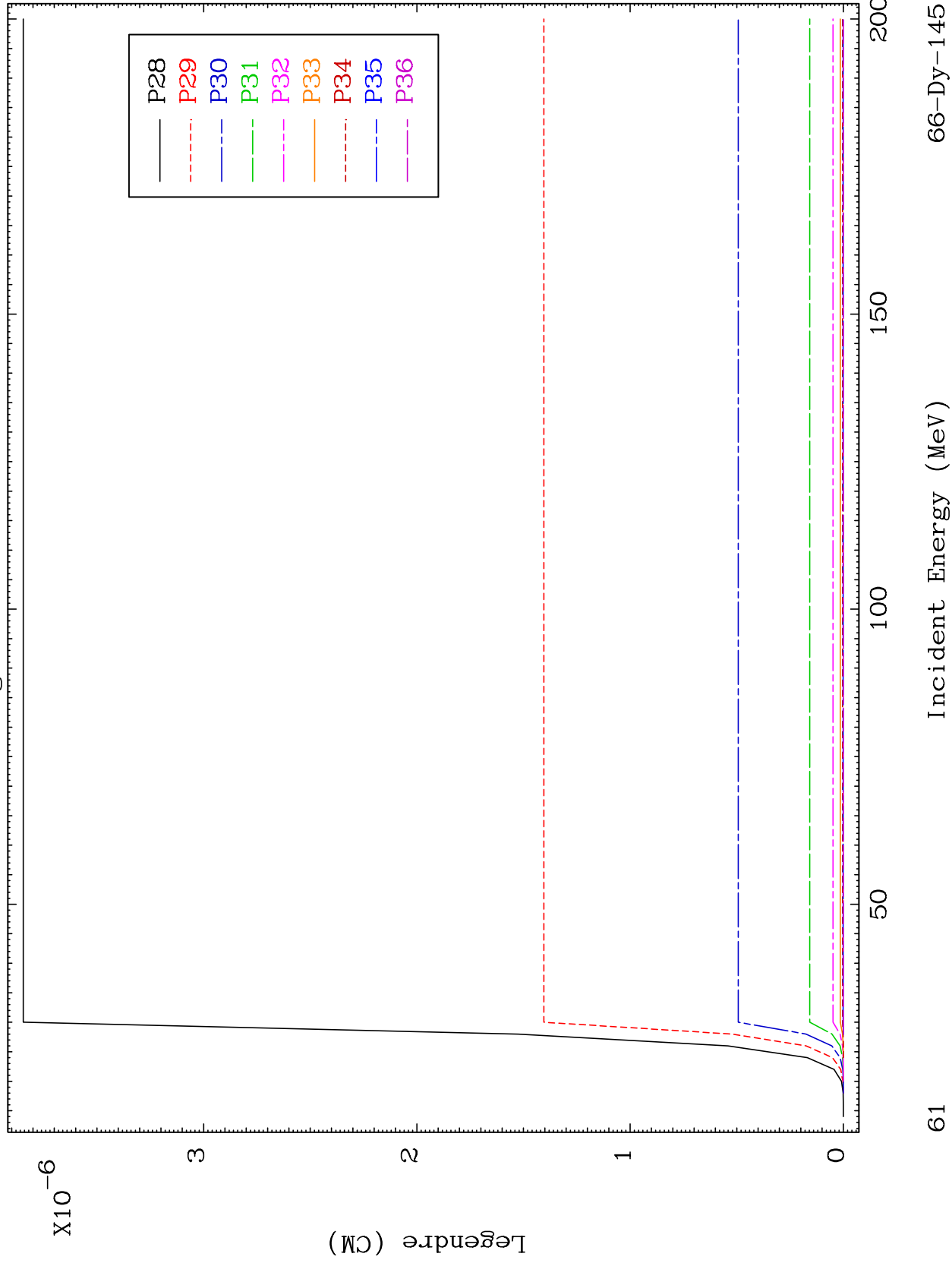
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MAT 6592

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

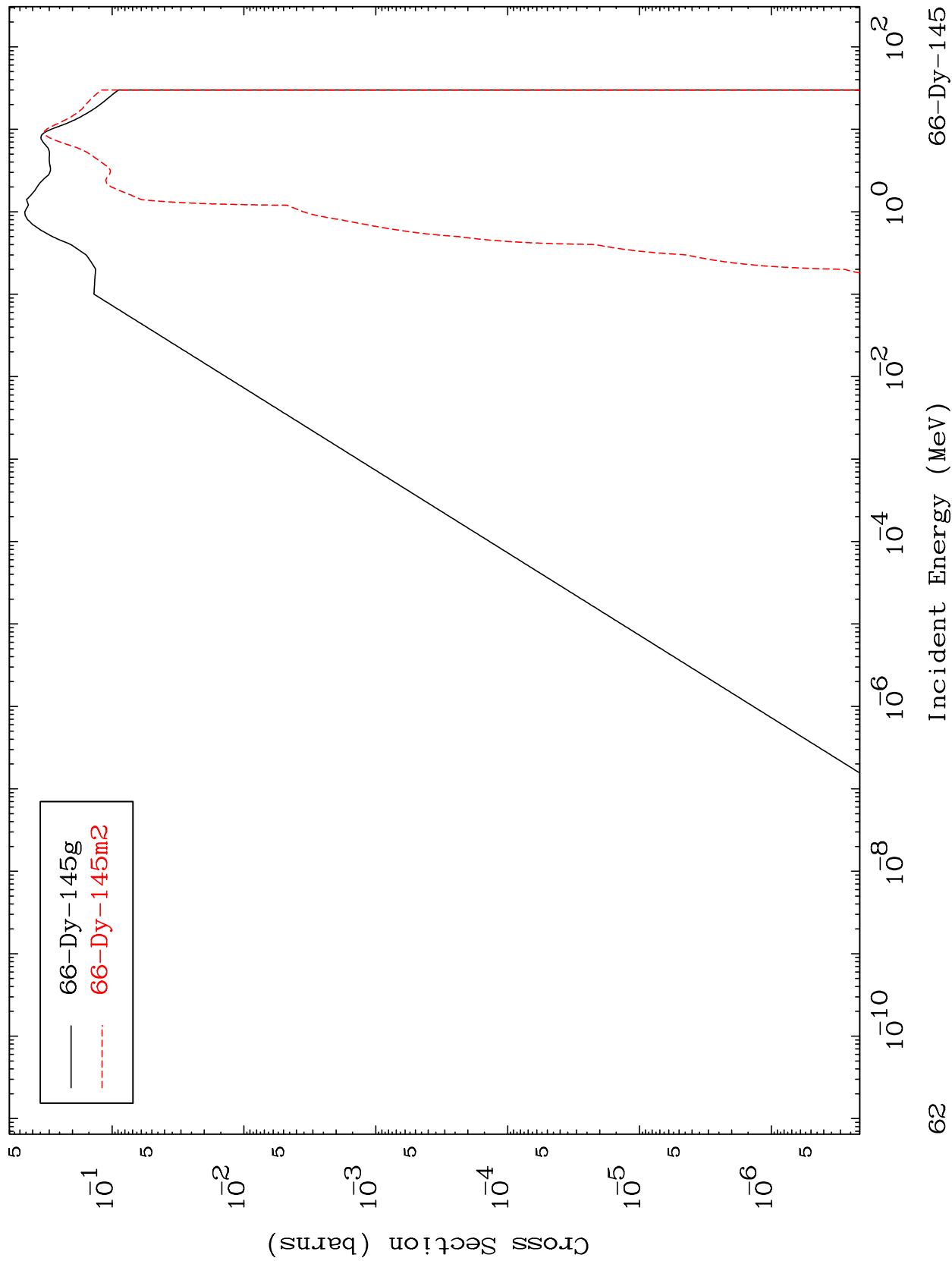
66-Dy-145



MAT 6592

Inelastic
Radionuclide Production Cross Section

66-Dy-145



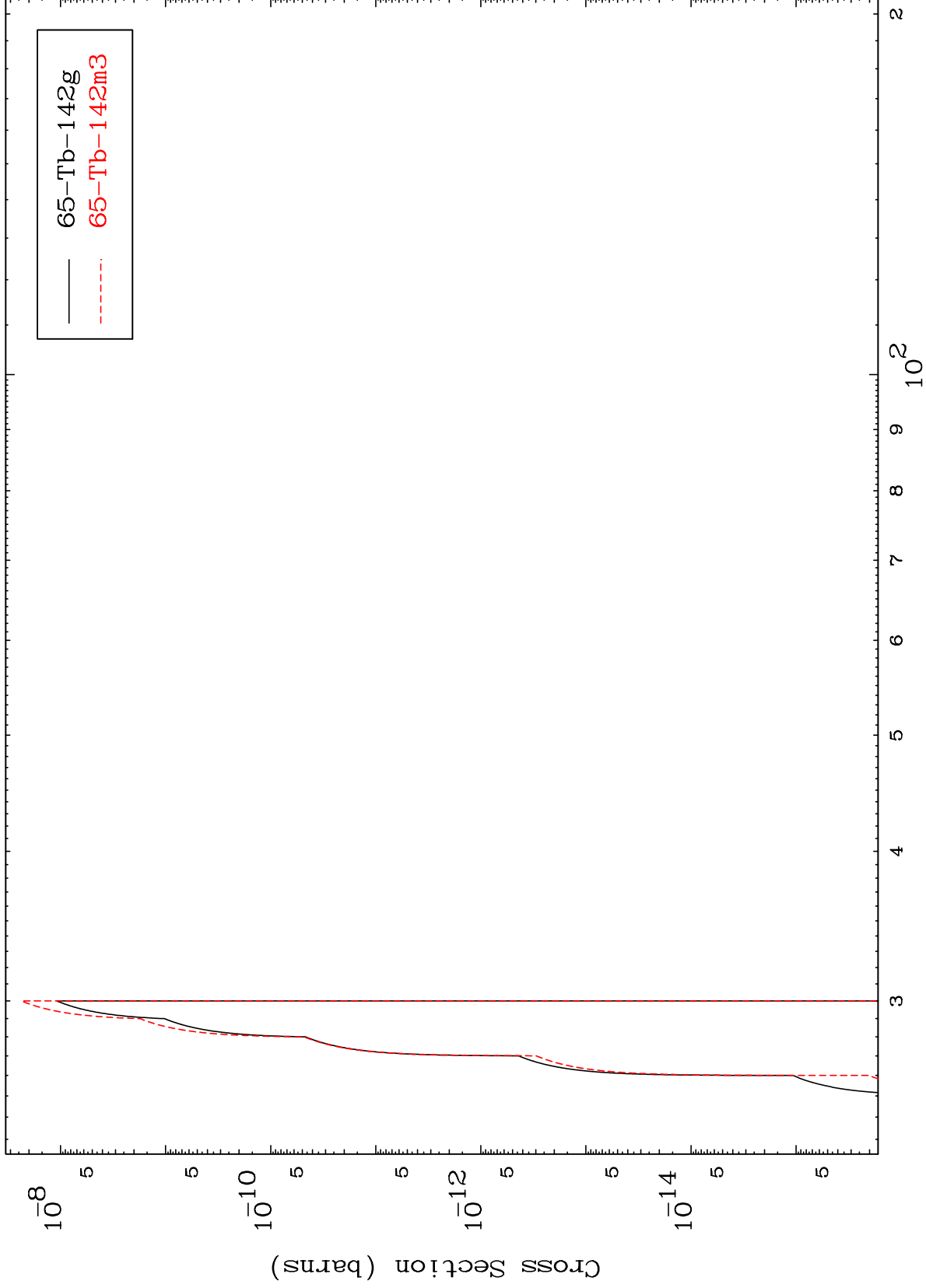
62

MAT 6592

(n,2n) d

66-Dy-145

Radionuclide Production Cross Section



63

Incident Energy (MeV)

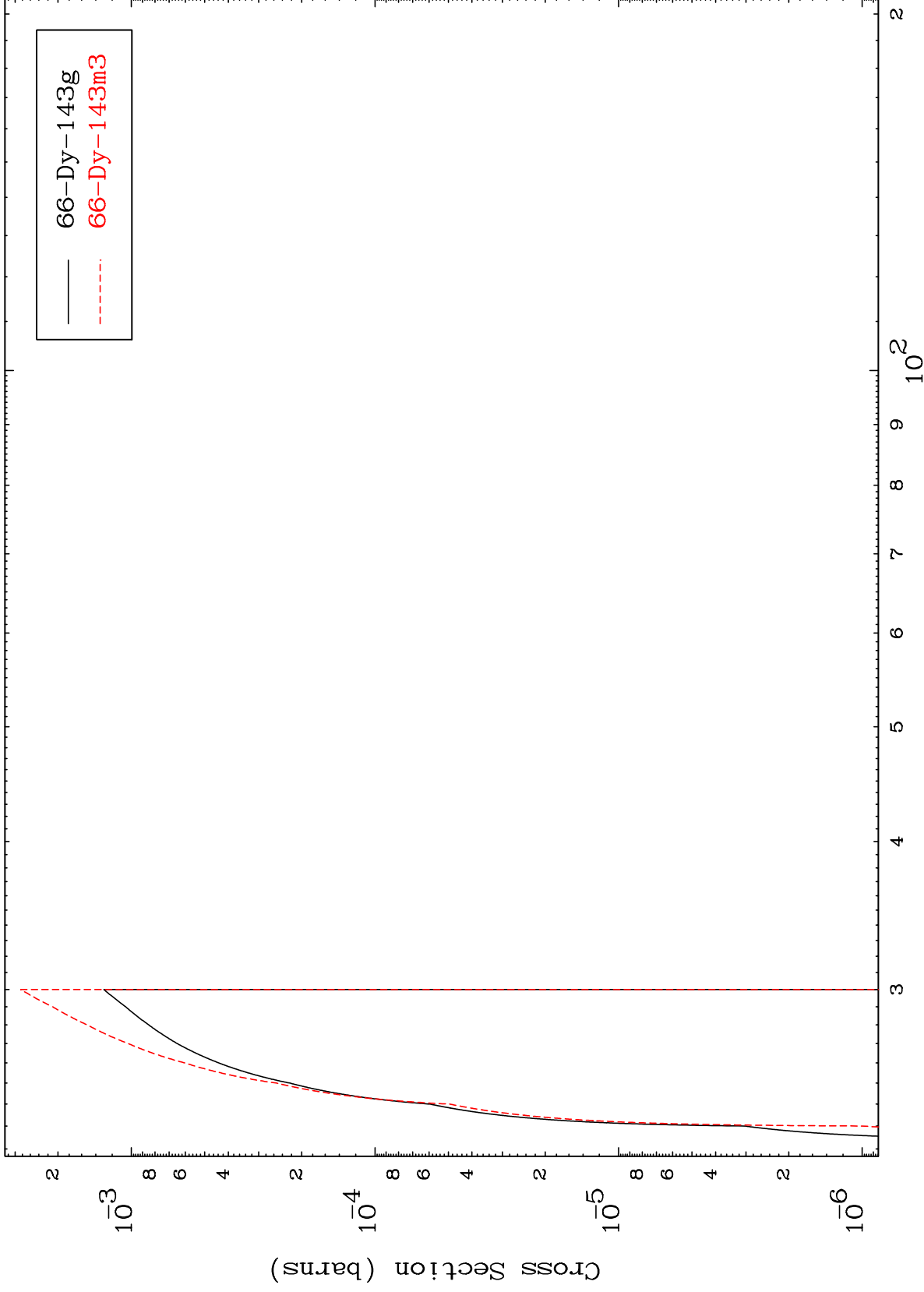
66-Dy-145

MAT 6592

(n,3n)

66-Dy-145

Radionuclide Production Cross Section



64

Incident Energy (MeV)

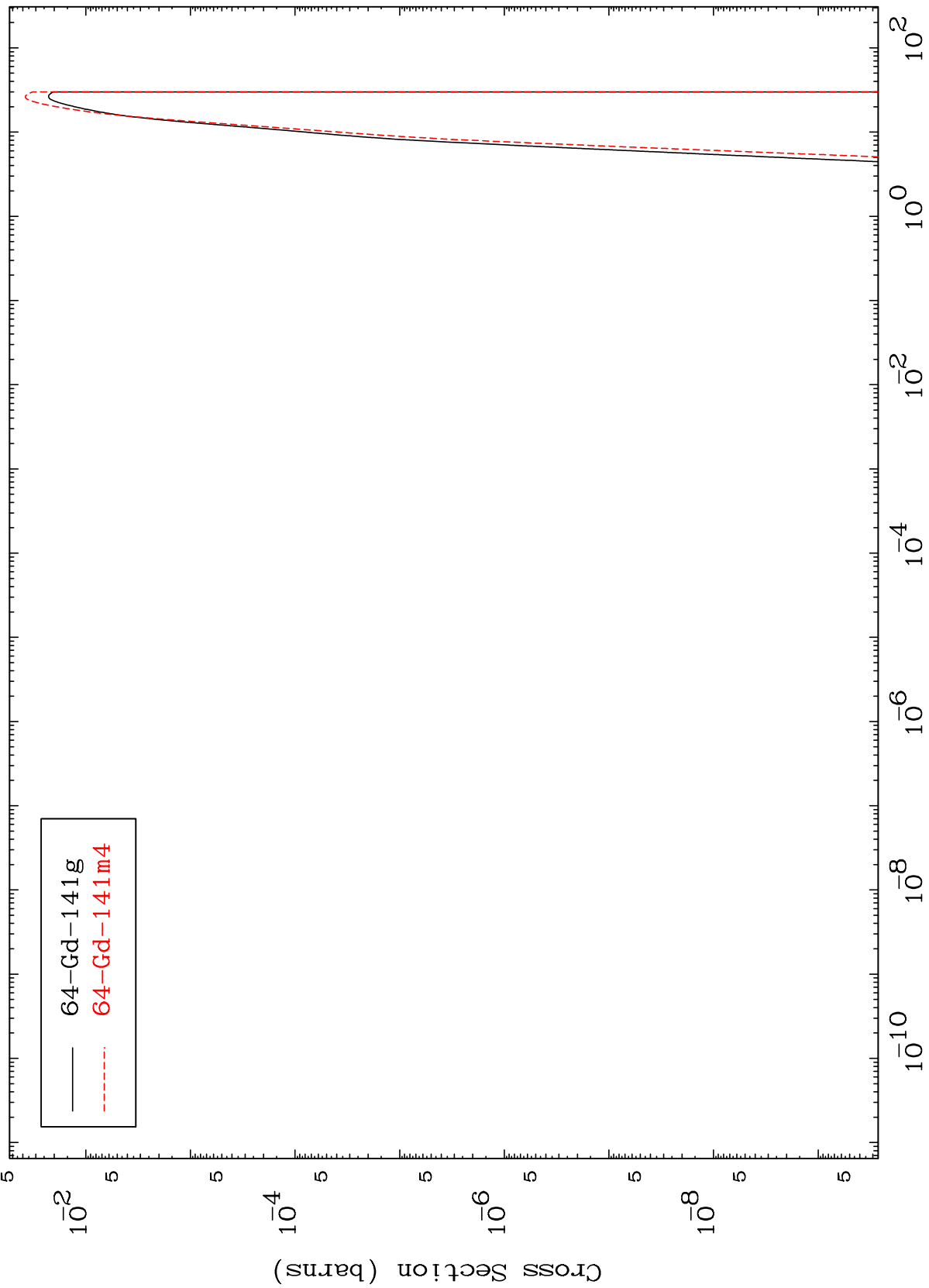
66-Dy-145

MAT 6592

(n,n') α

66-Dy-145

Radionuclide Production Cross Section



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

65

Incident Energy (MeV)

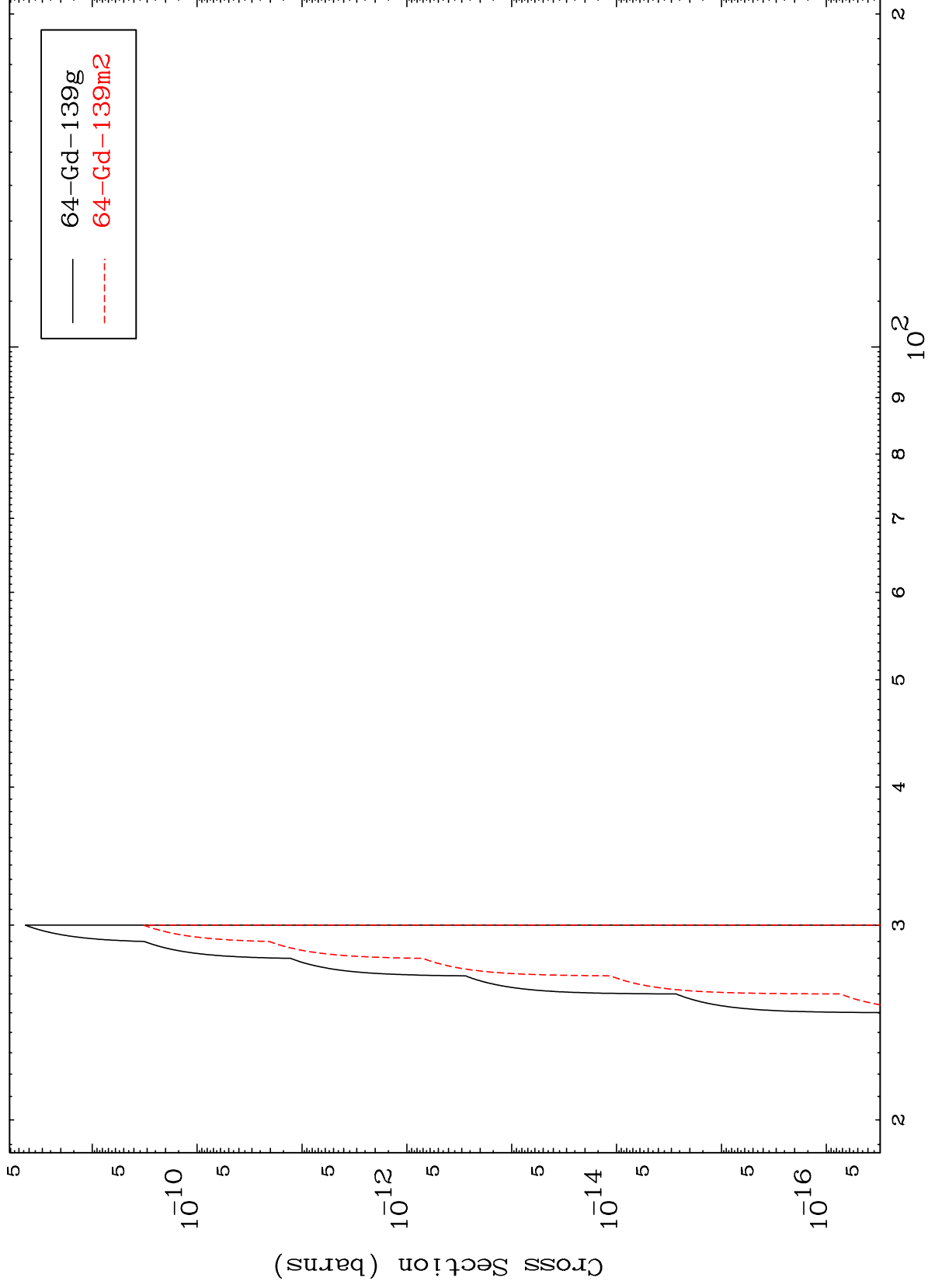
66-Dy-145

MAT 6592

(n,3n) α

66-Dy-145

Radionuclide Production Cross Section



66

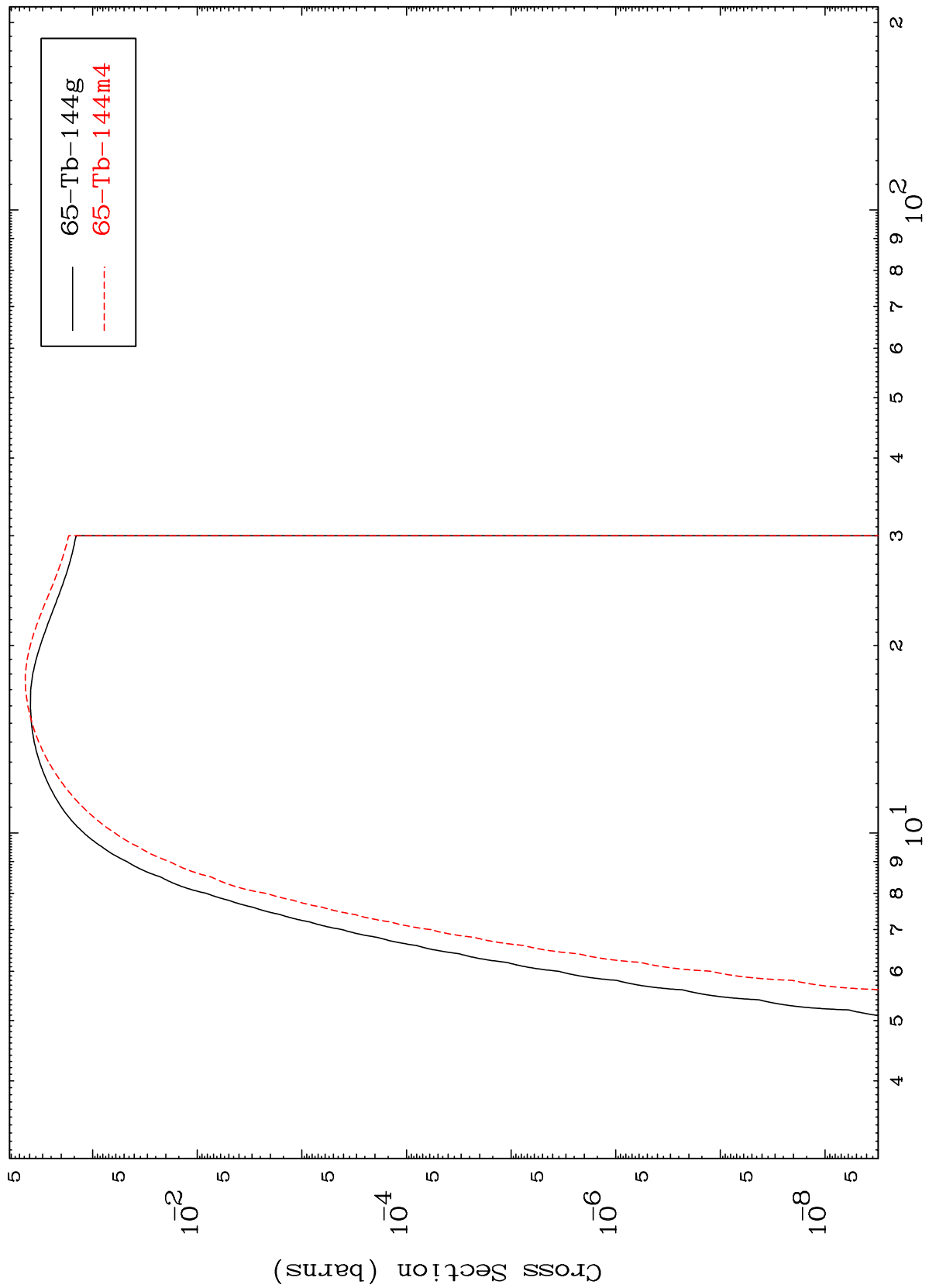
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n, n') p
Radionuclide Production Cross Section



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Incident Energy (MeV)

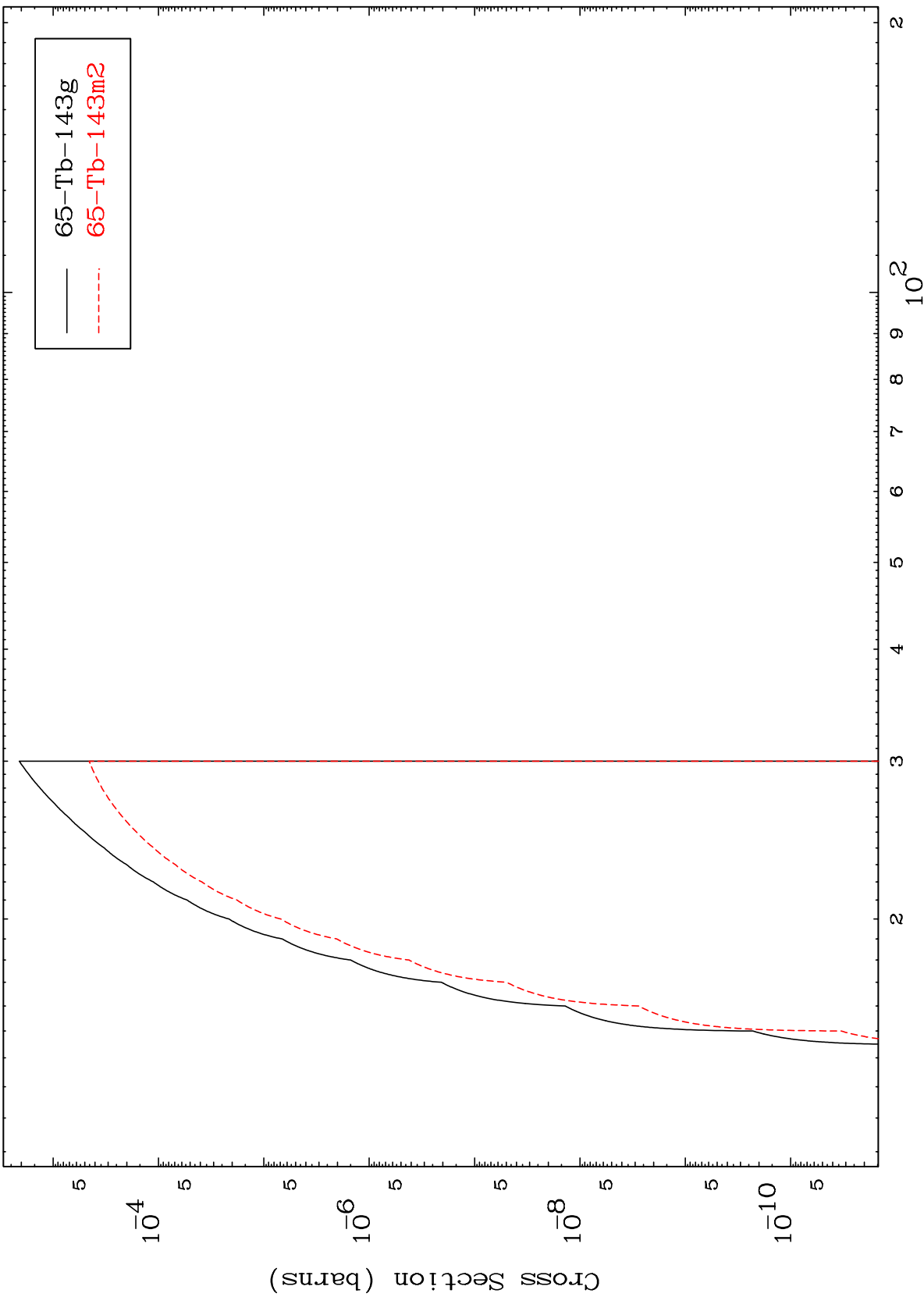
66-Dy-145

MAT 6592

(n,n') d

66-Dy-145

Radionuclide Production Cross Section



68

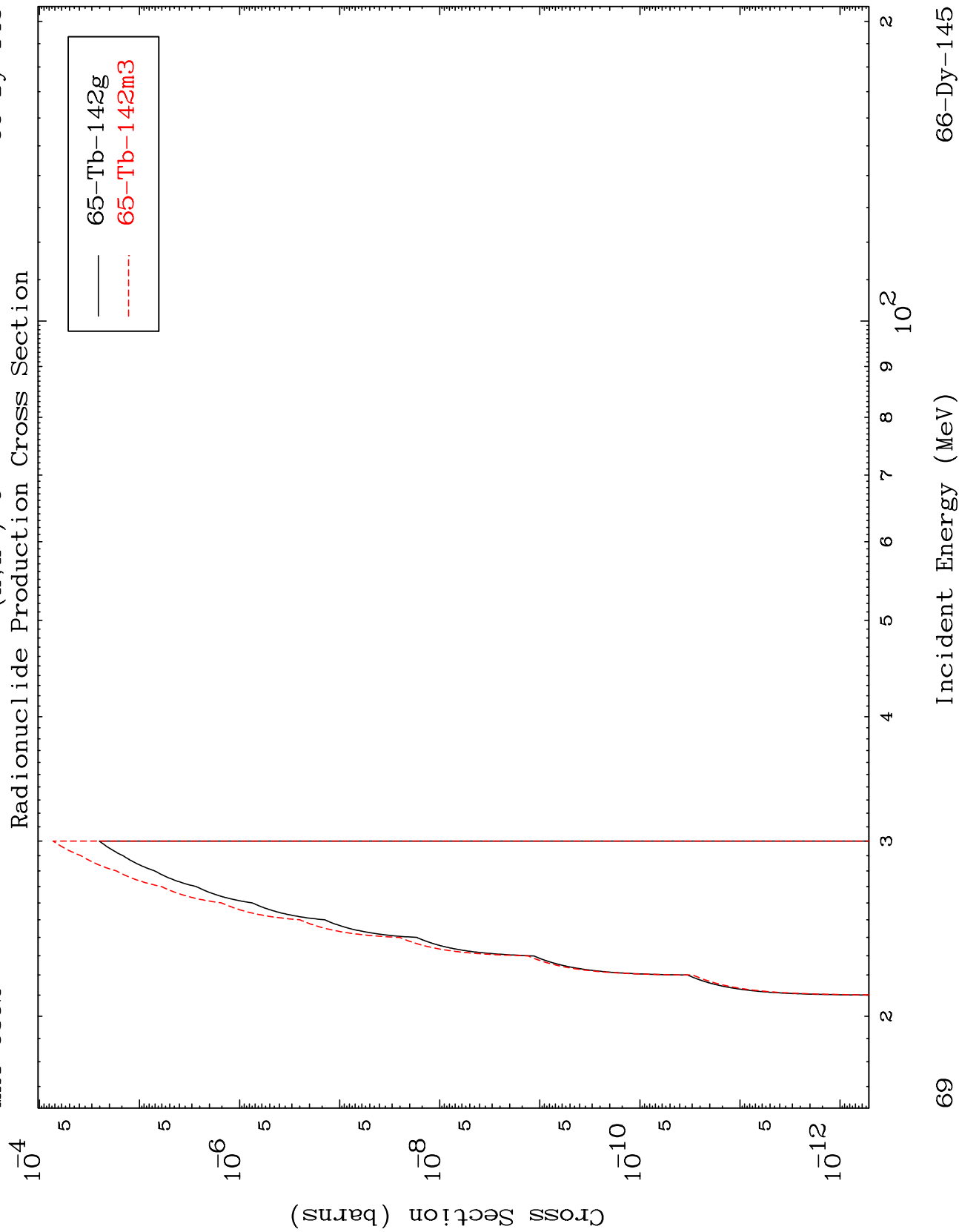
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,n') t

66-Dy-145



69

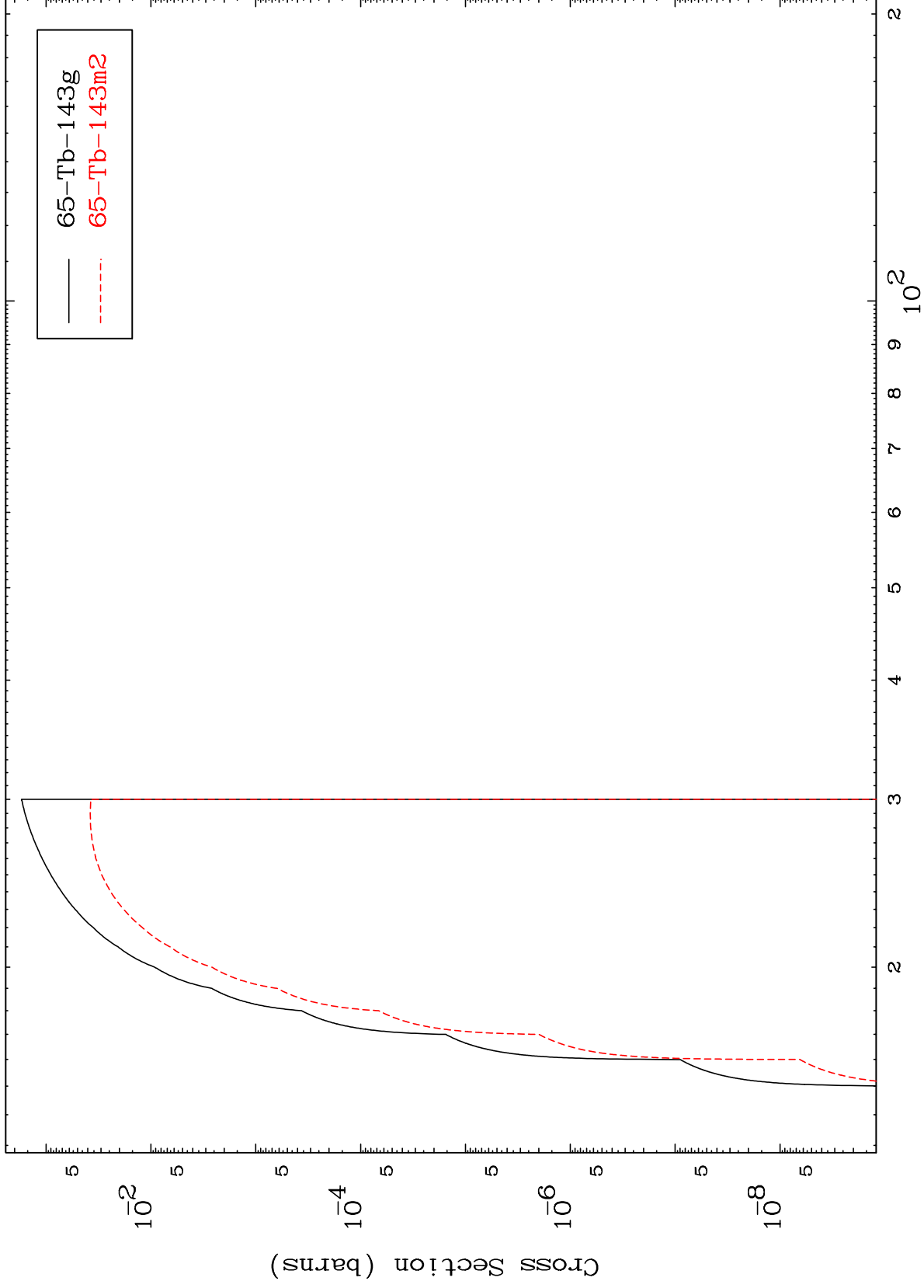
66-Dy-145

MAT 6592

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



70

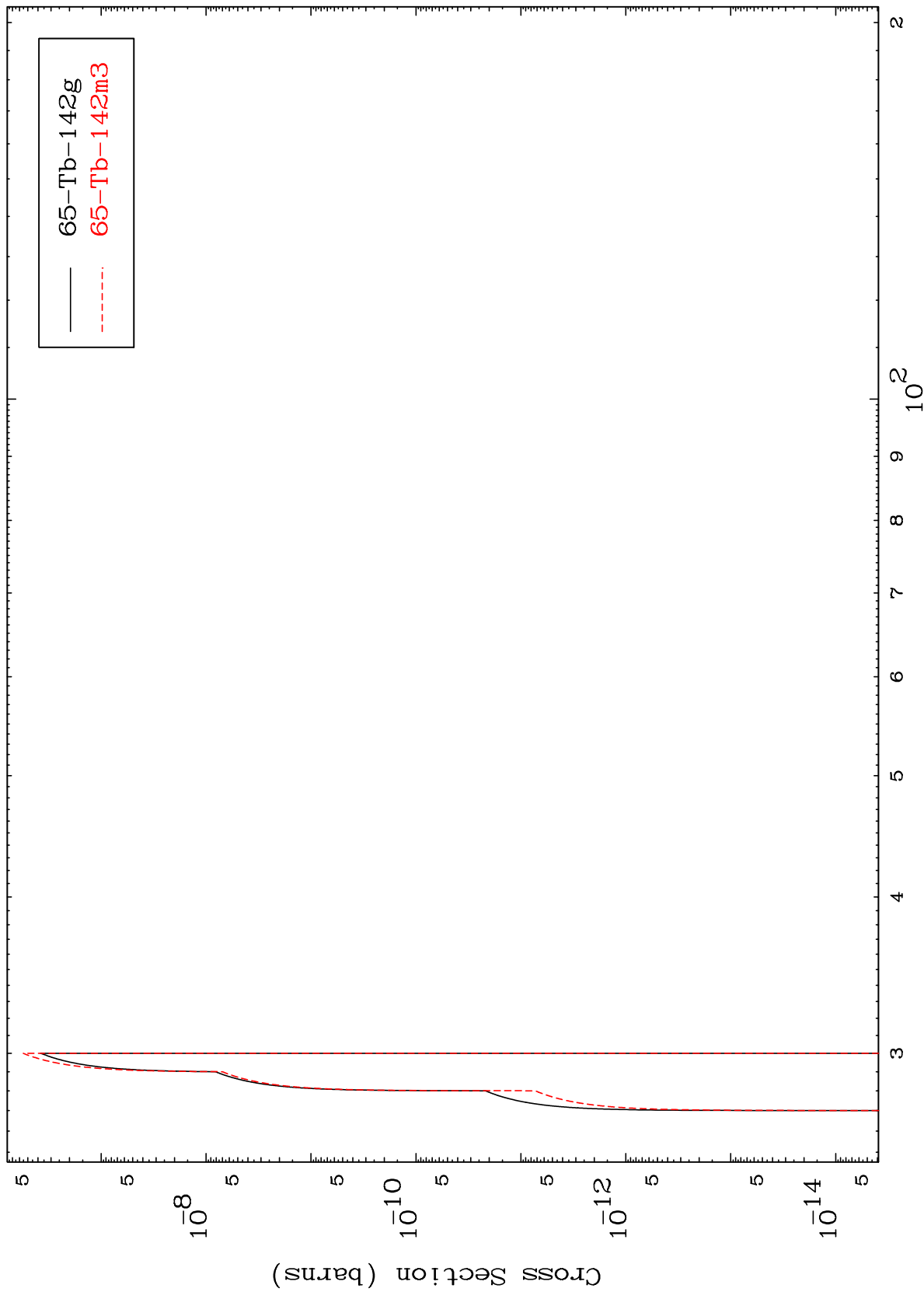
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n,3n) p
Radionuclide Production Cross Section



71

Incident Energy (MeV)

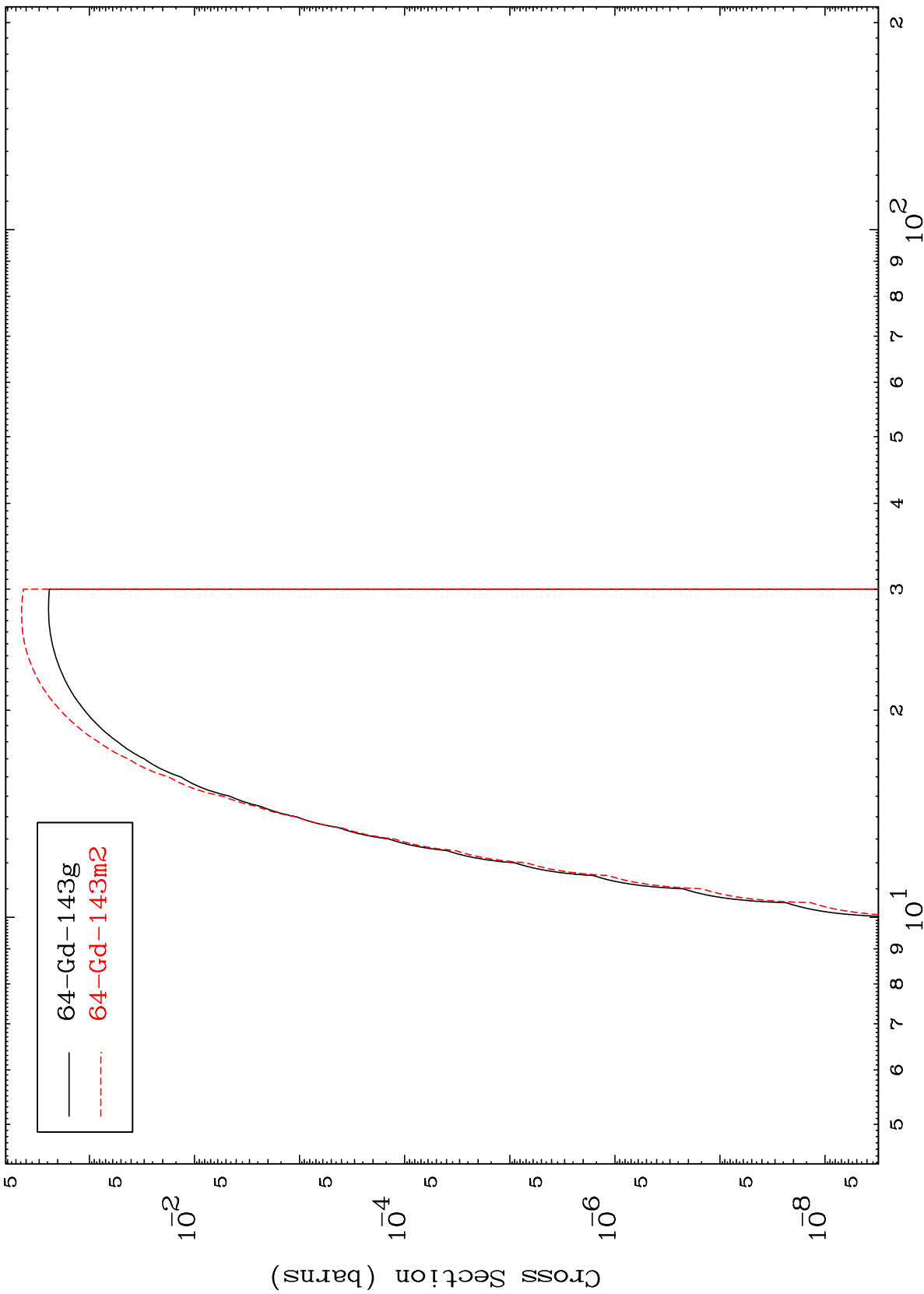
66-Dy-145

MAT 6592

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



72

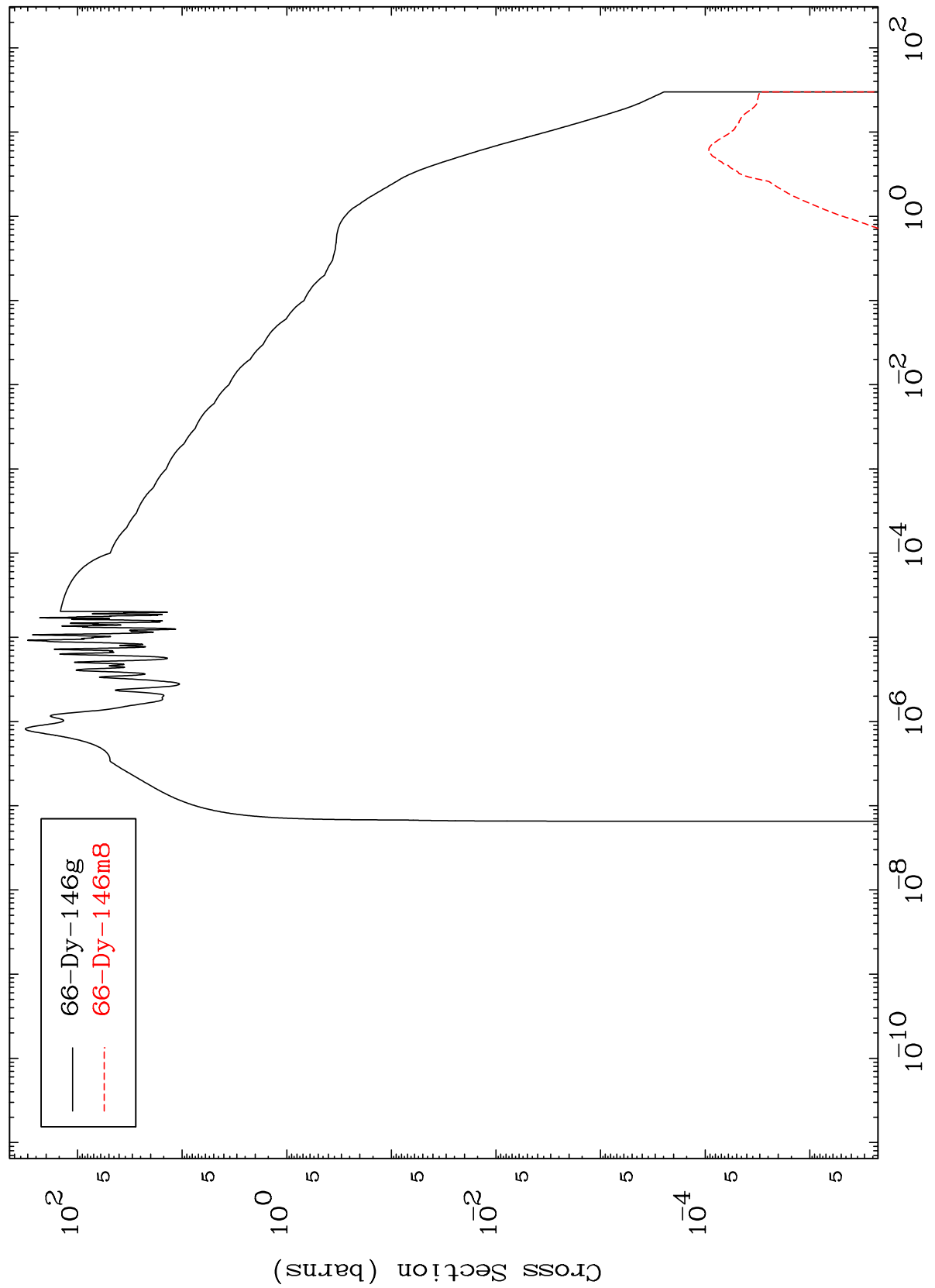
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n, γ)
Radionuclide Production Cross Section



73

66-Dy-145

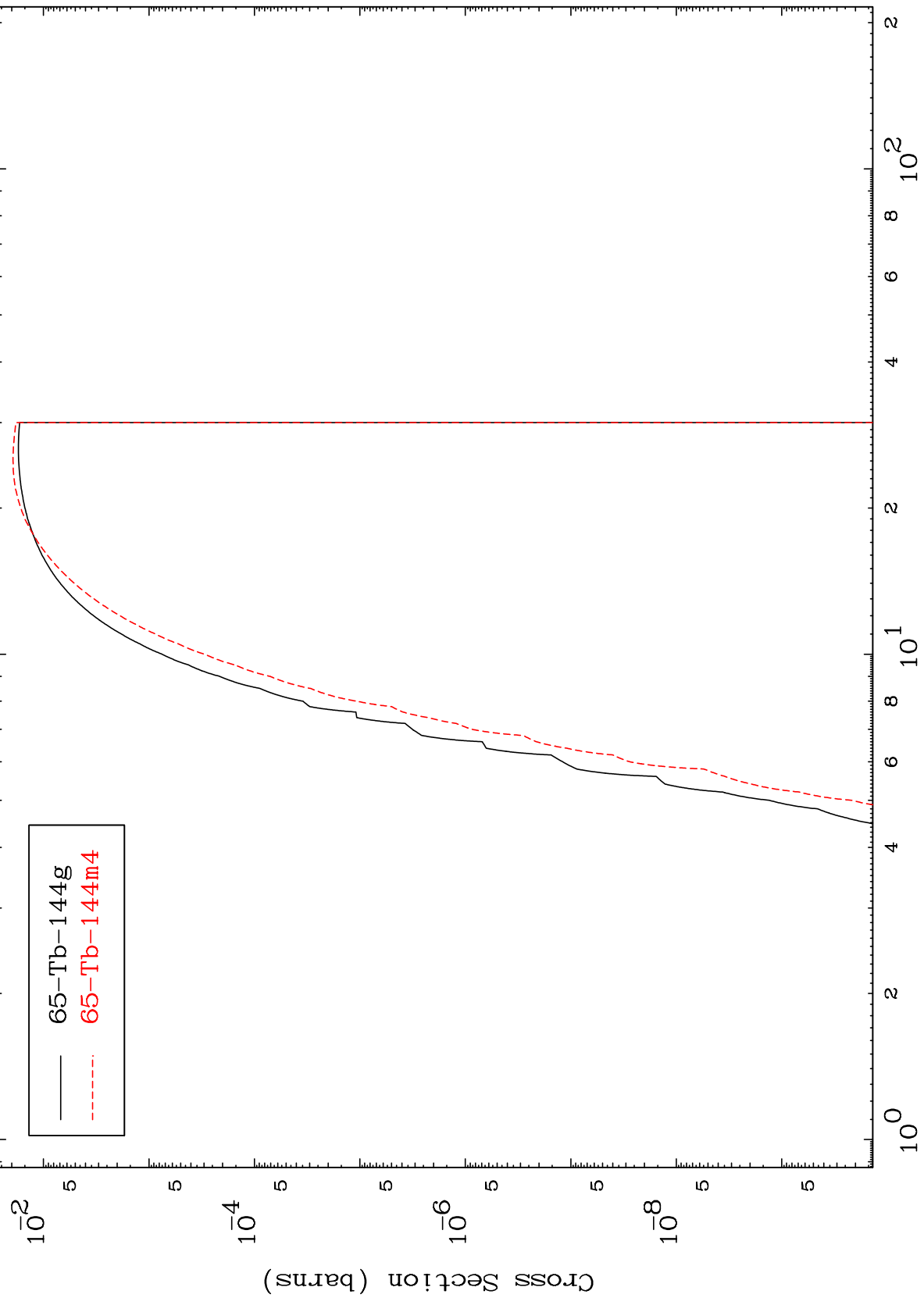
Incident Energy (MeV)

MAT 6592

(n,d)

66-Dy-145

Radionuclide Production Cross Section



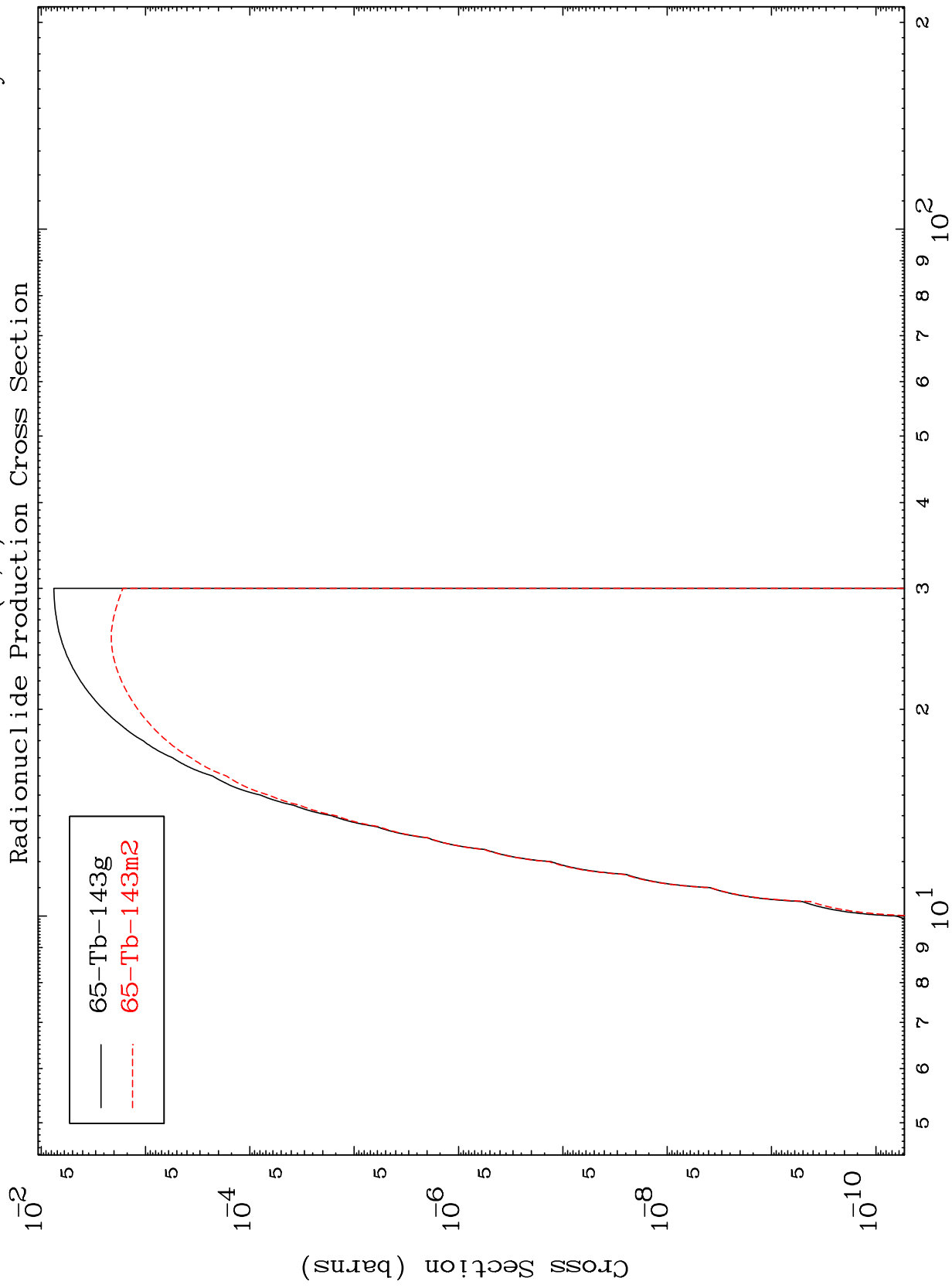
74

Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145



75

Incident Energy (MeV)

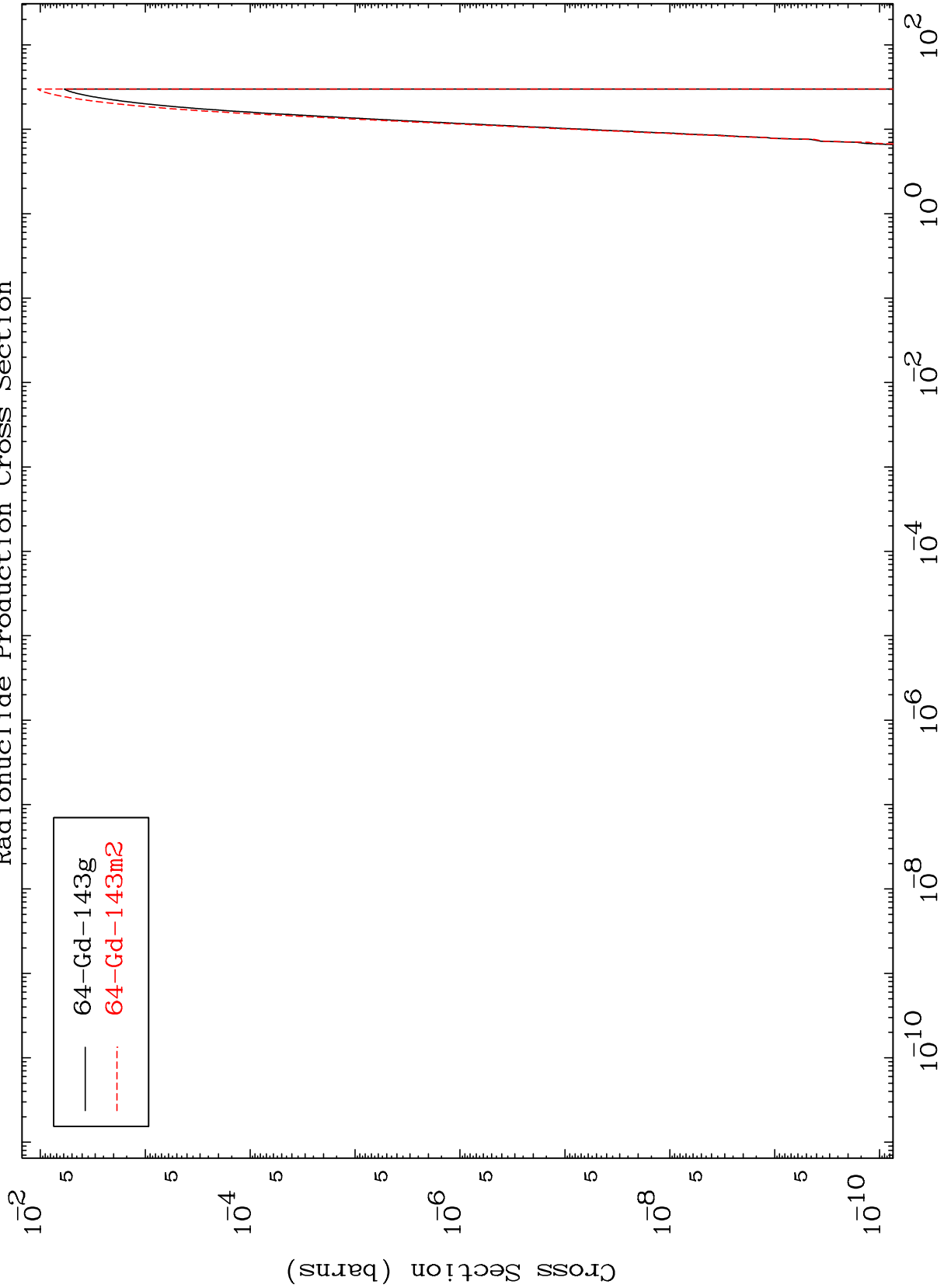
66-Dy-145

MAT 6592

(n,He-3)

66-Dy-145

Radionuclide Production Cross Section



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

Incident Energy (MeV)

66-Dy-145

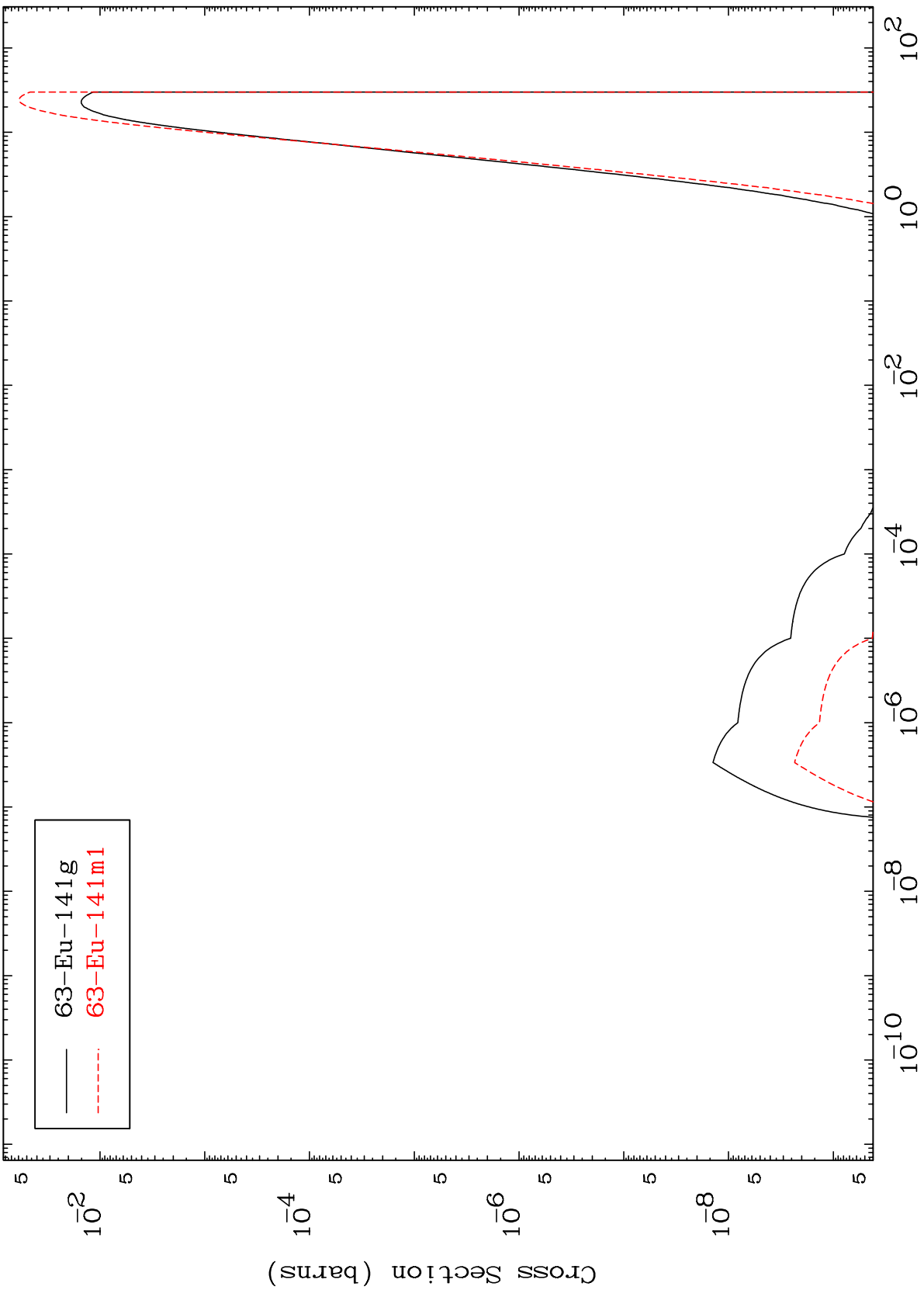
76

MAT 6592

(n,p) α

66-Dy-145

Radionuclide Production Cross Section

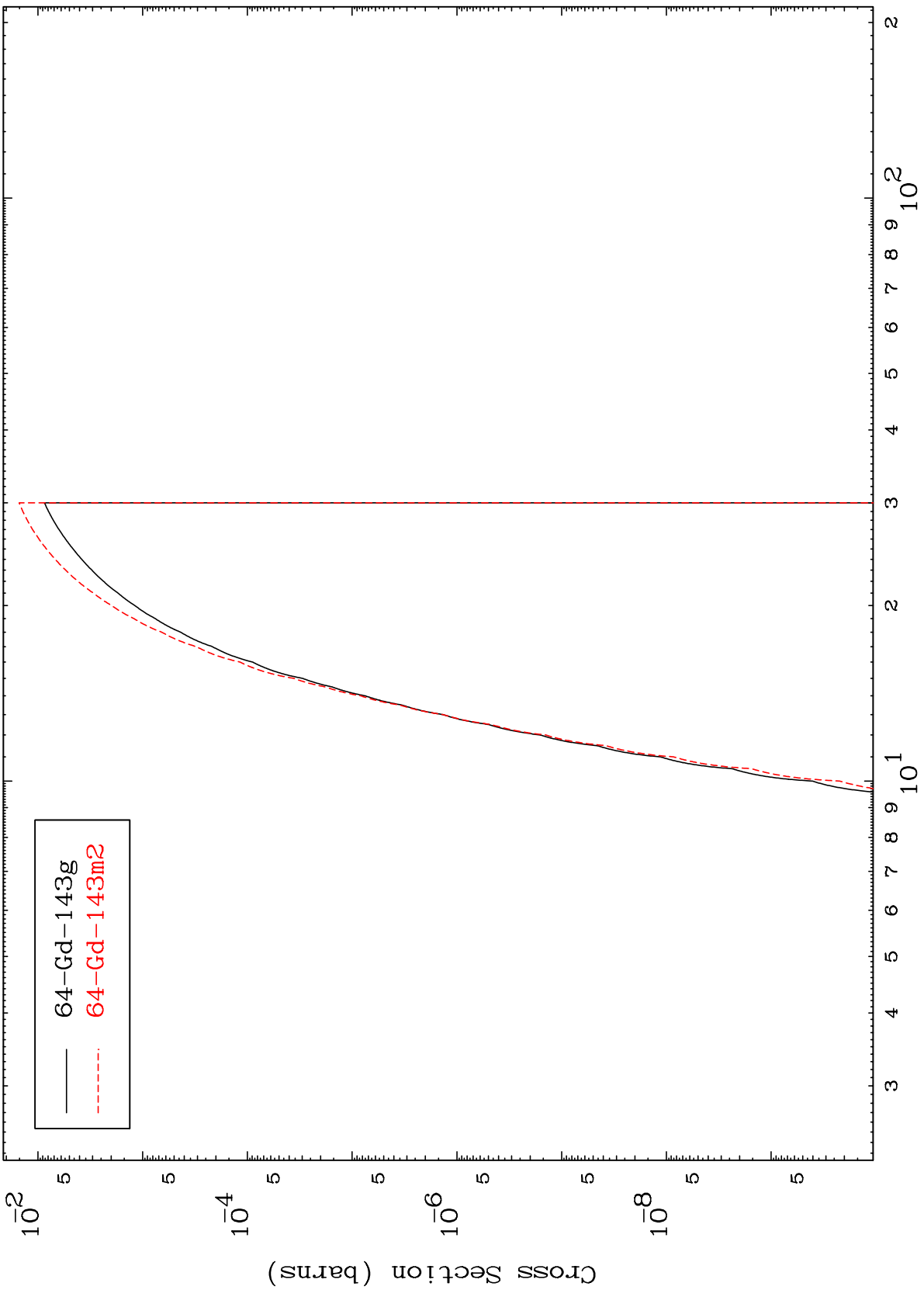


MAT 6592

(n,p) d

66-Dy-145

Radionuclide Production Cross Section



78

Incident Energy (MeV)

66-Dy-145