

Program EVALPLOT
(Version 2018-1)

by

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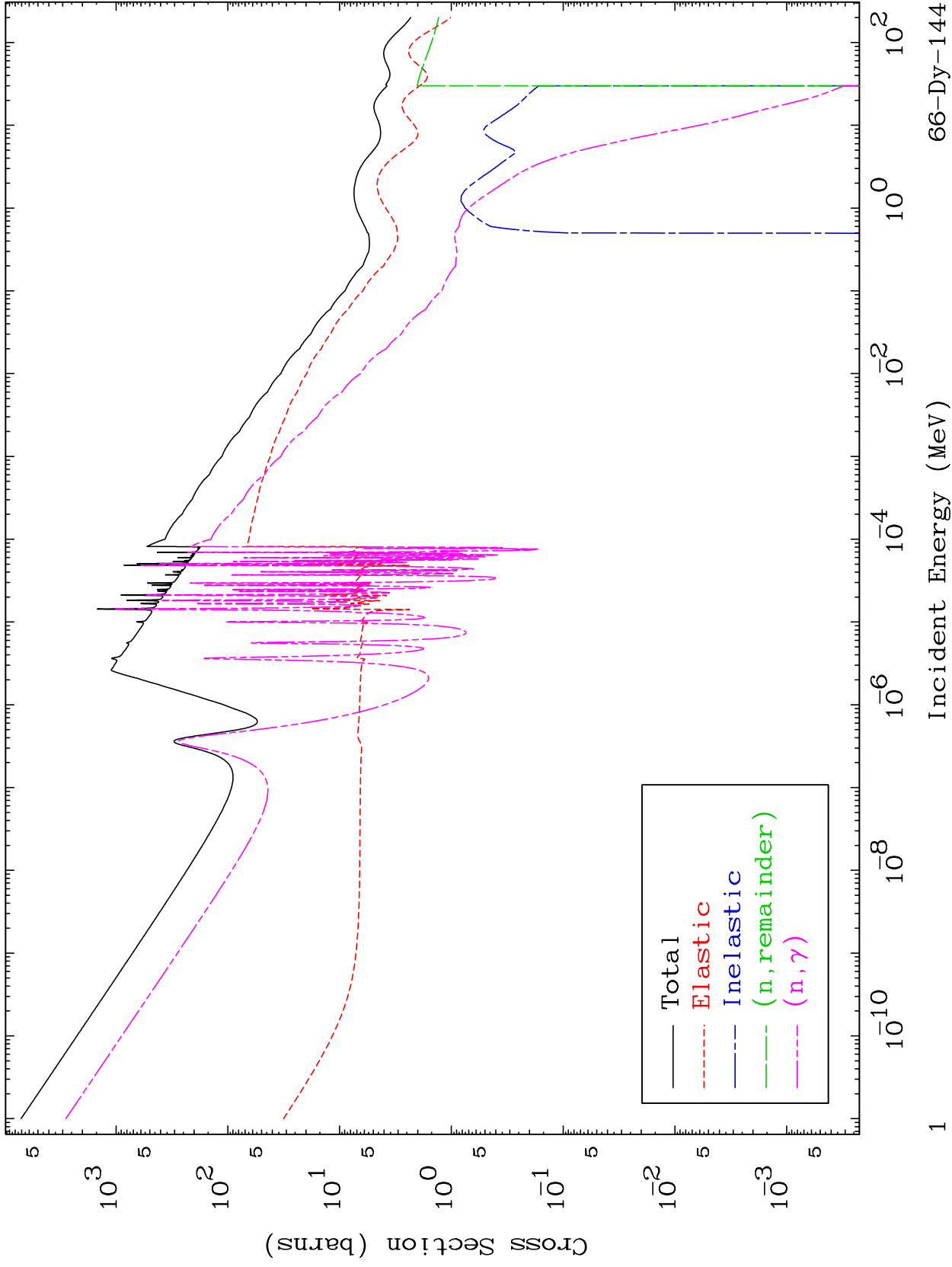
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6589

Major
293 Kelvin Cross Sections

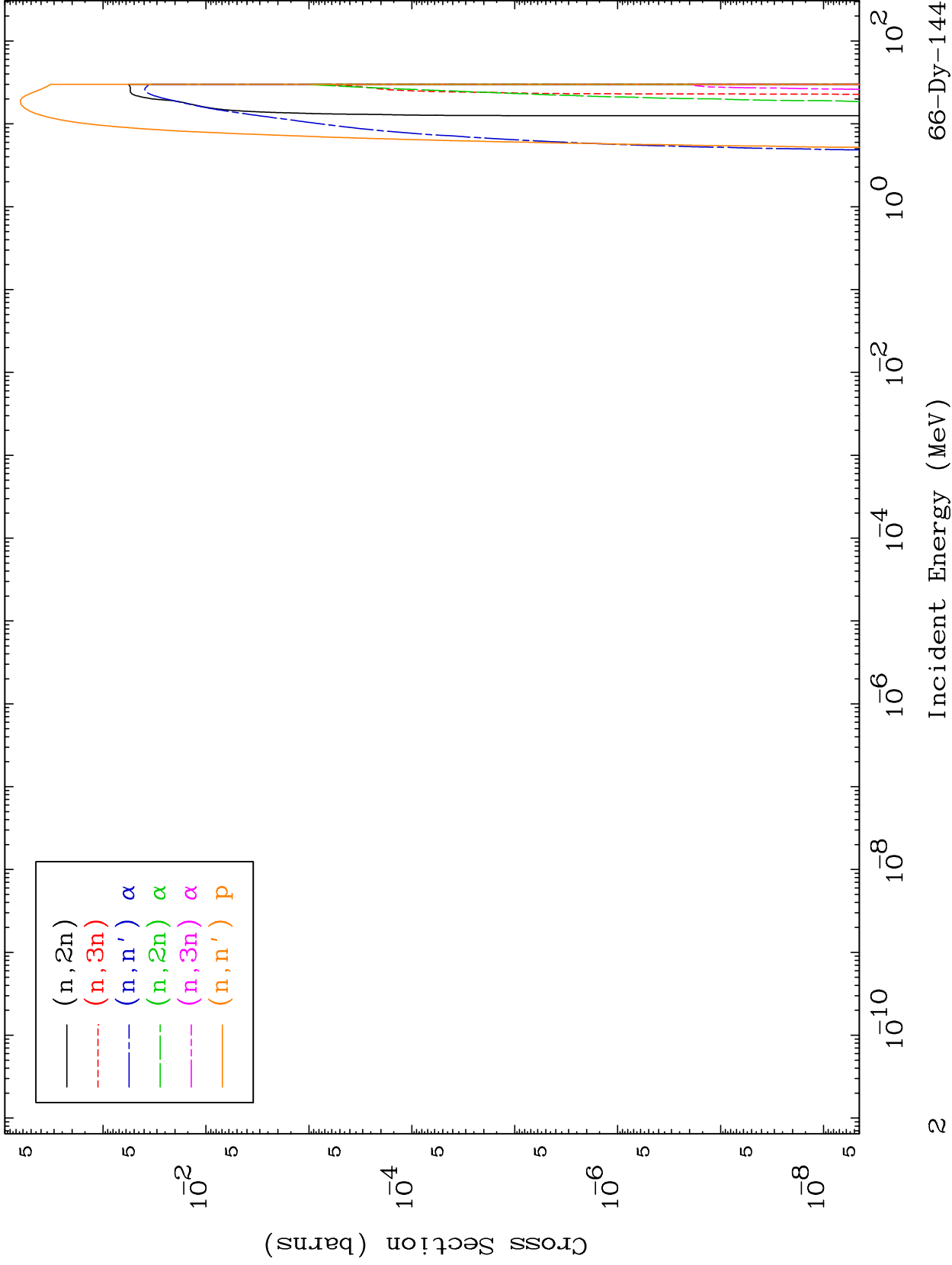
66-Dy-144



MAT 6589

Neutron Production
293 Kelvin Cross Sections

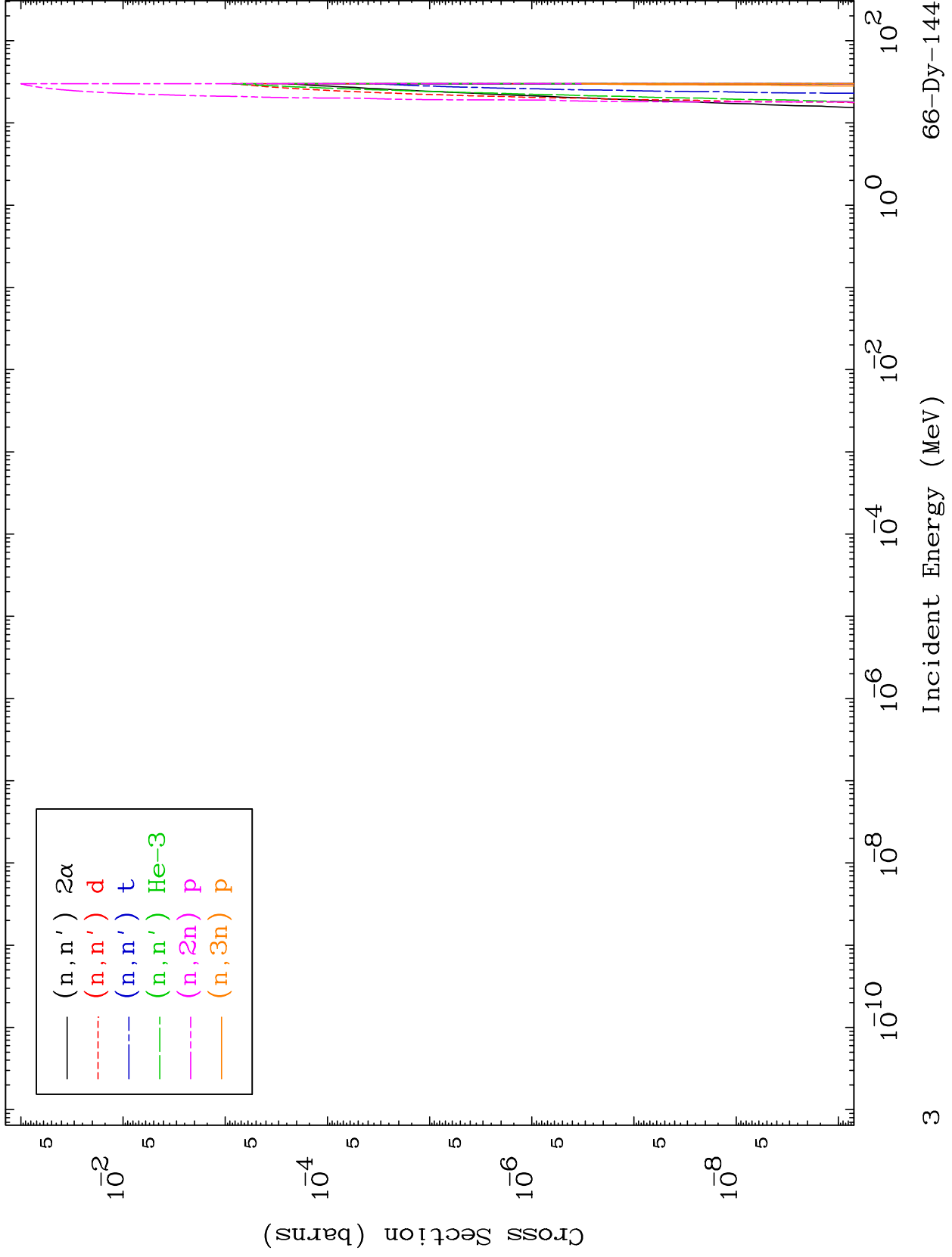
66-Dy-144



MAT 6589

Neutron Production
293 Kelvin Cross Sections

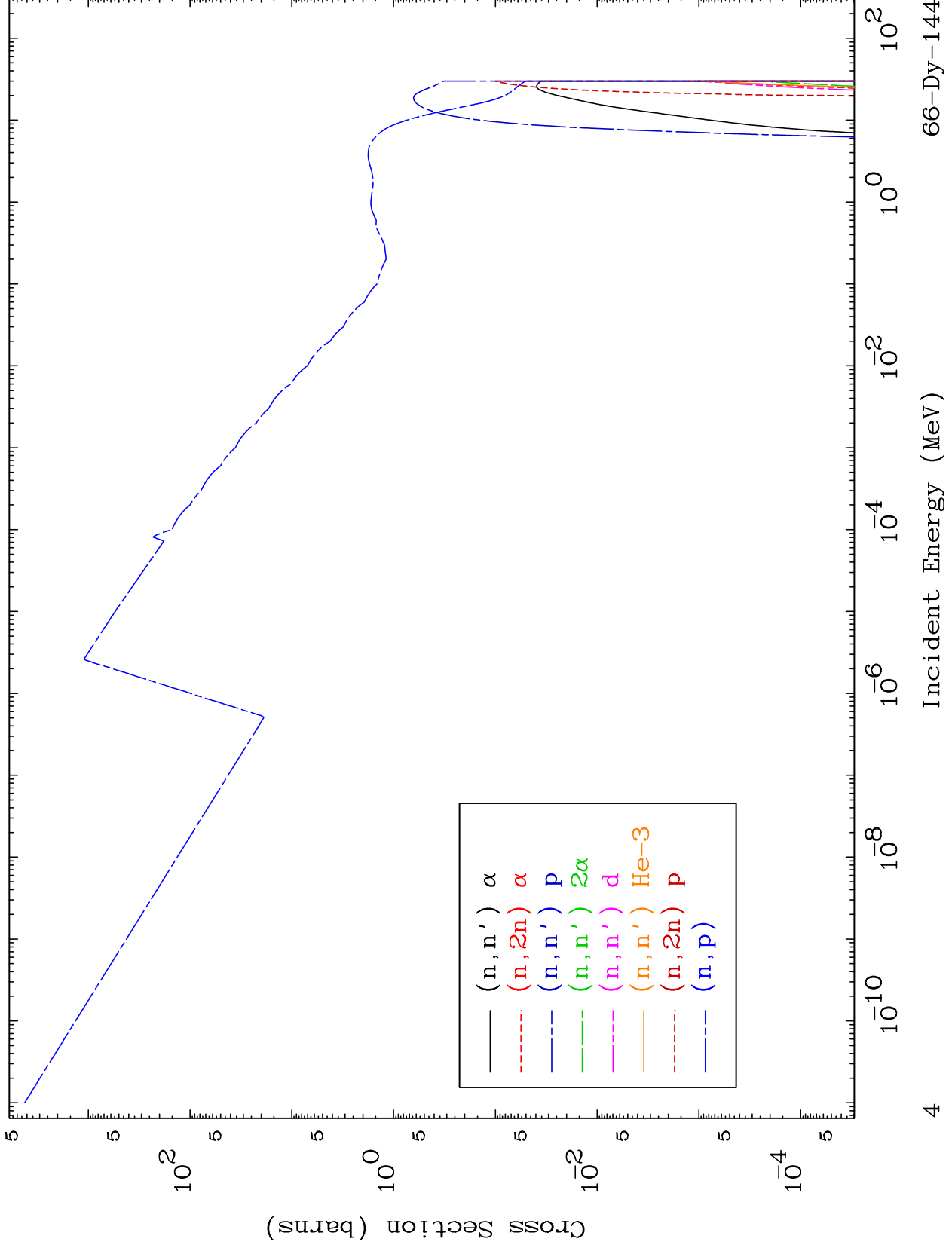
66-Dy-144



MAT 6589

Charged Particle
293 Kelvin Cross Sections

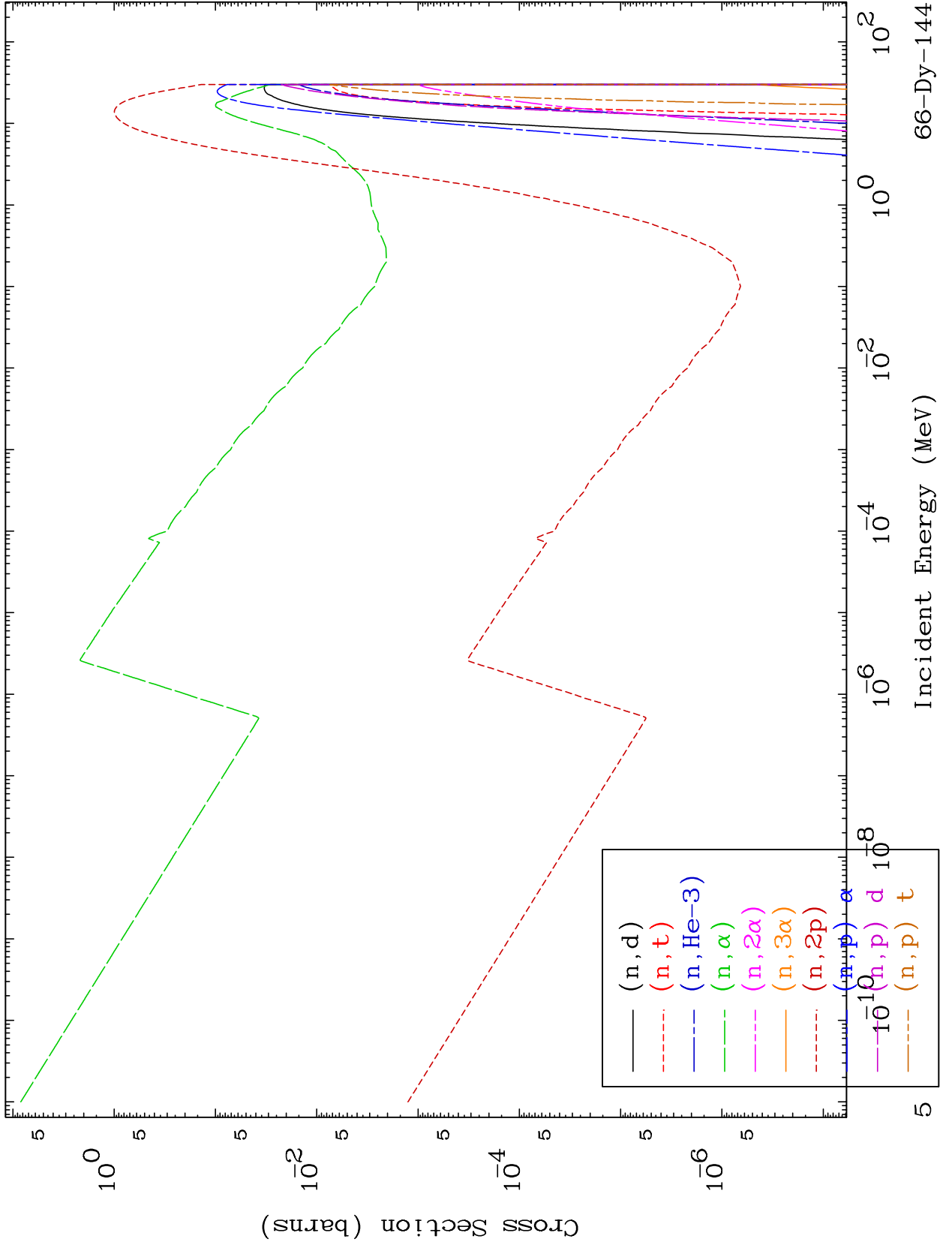
66-Dy-144



MAT 6589

Charged Particle
293 Kelvin Cross Sections

66-Dy-144

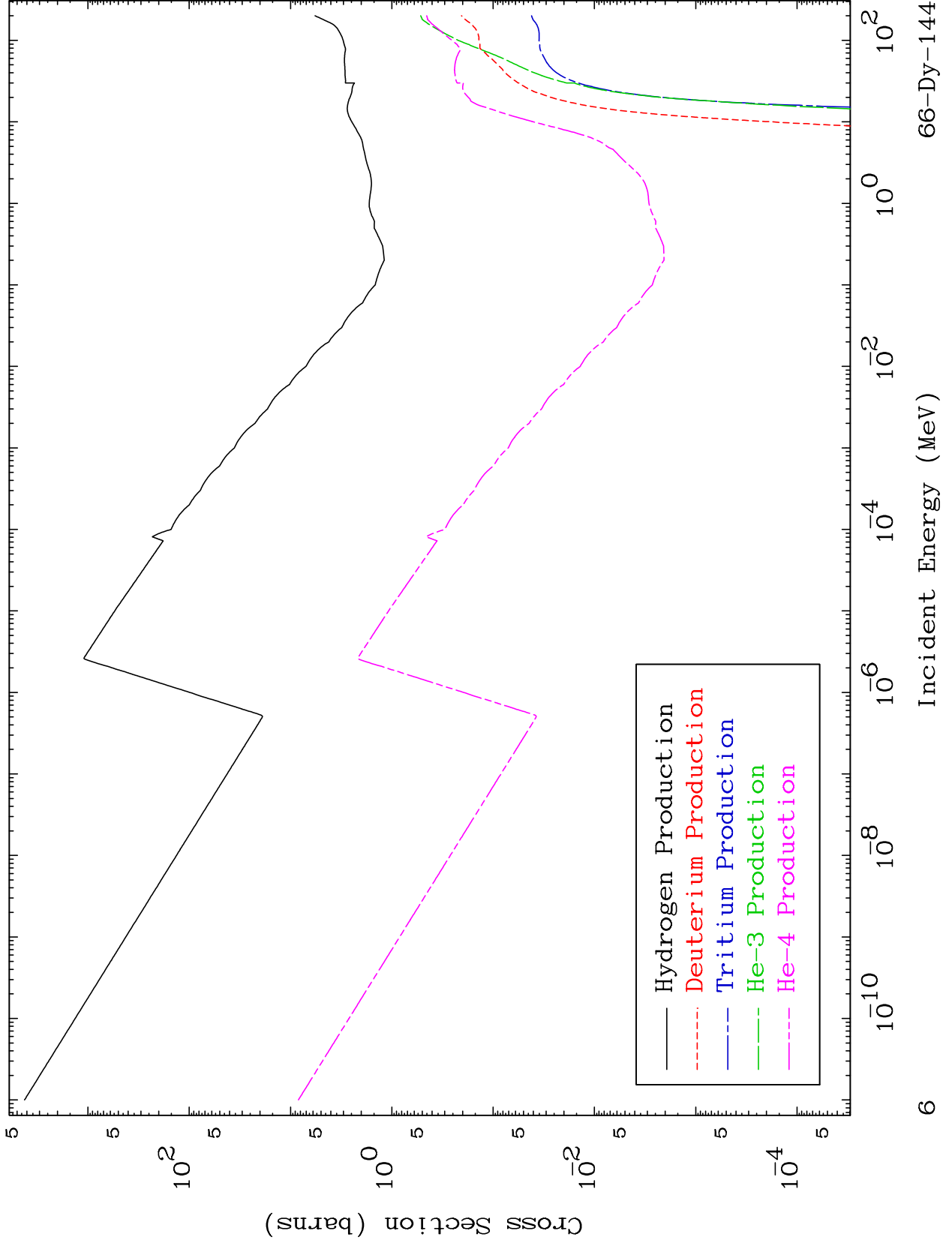


66-Dy-144

MAT 6589

Particle Production
293 Kelvin Cross Sections

66-Dy-144

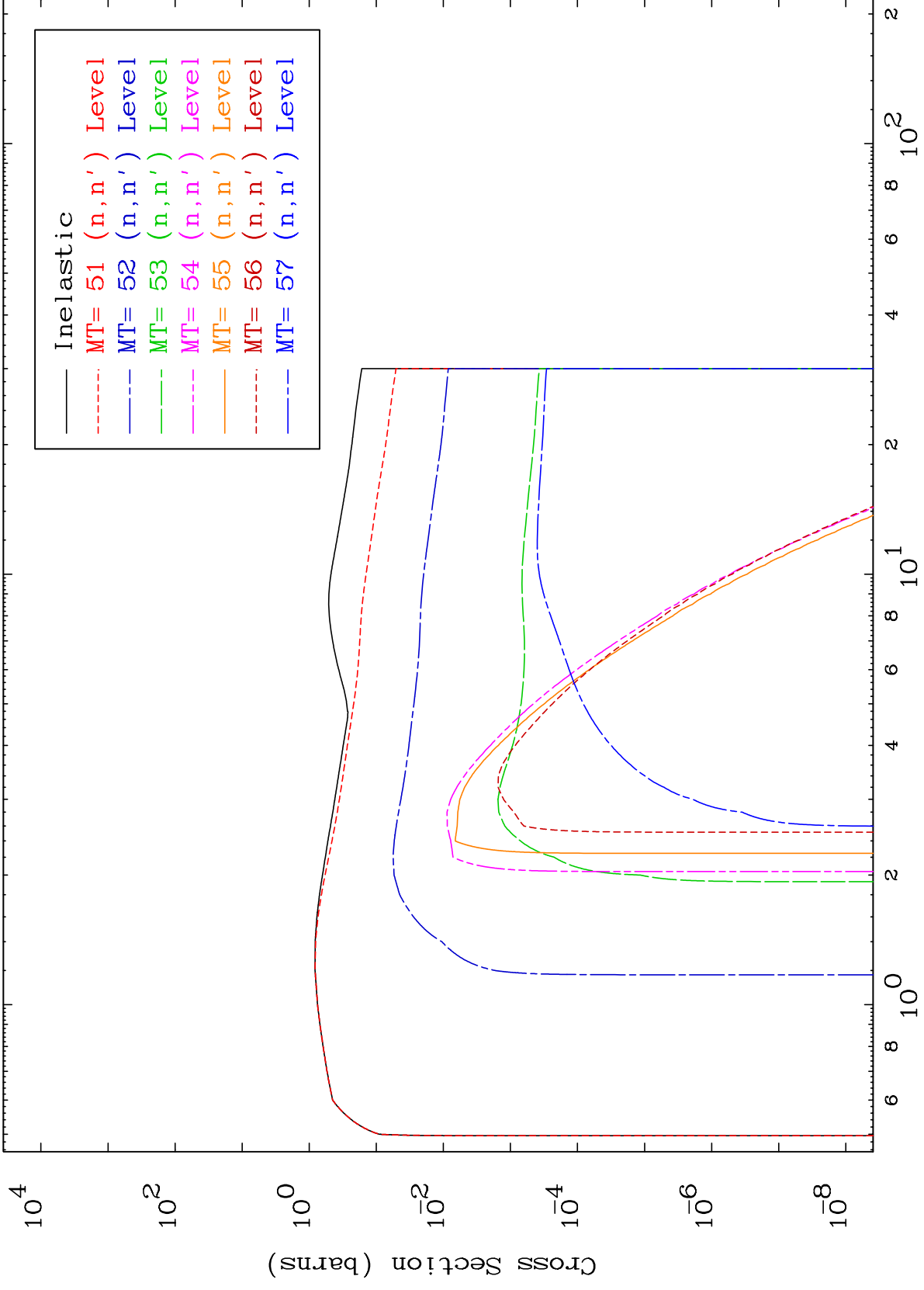


MAT 6589

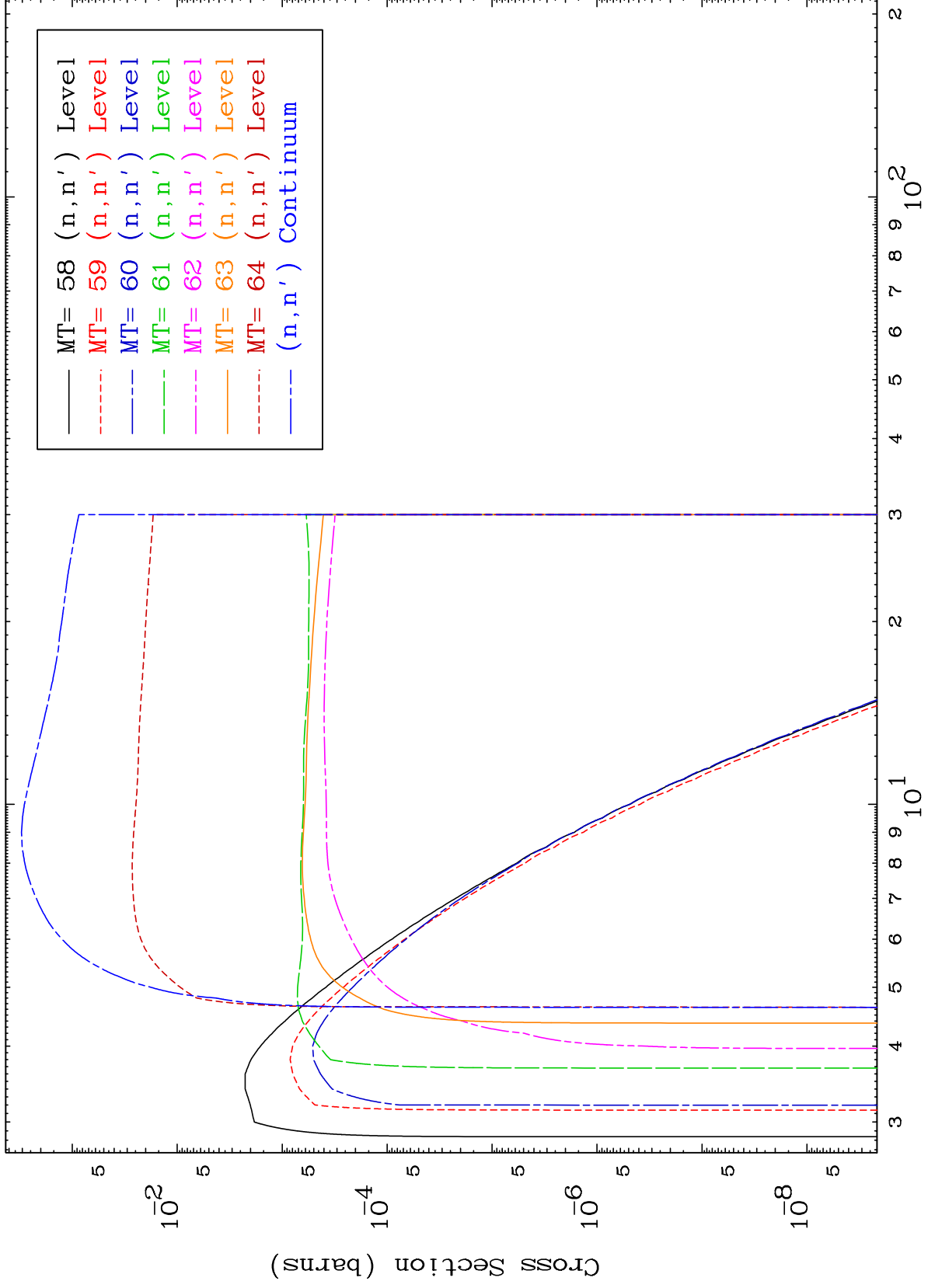
(n,n') Level

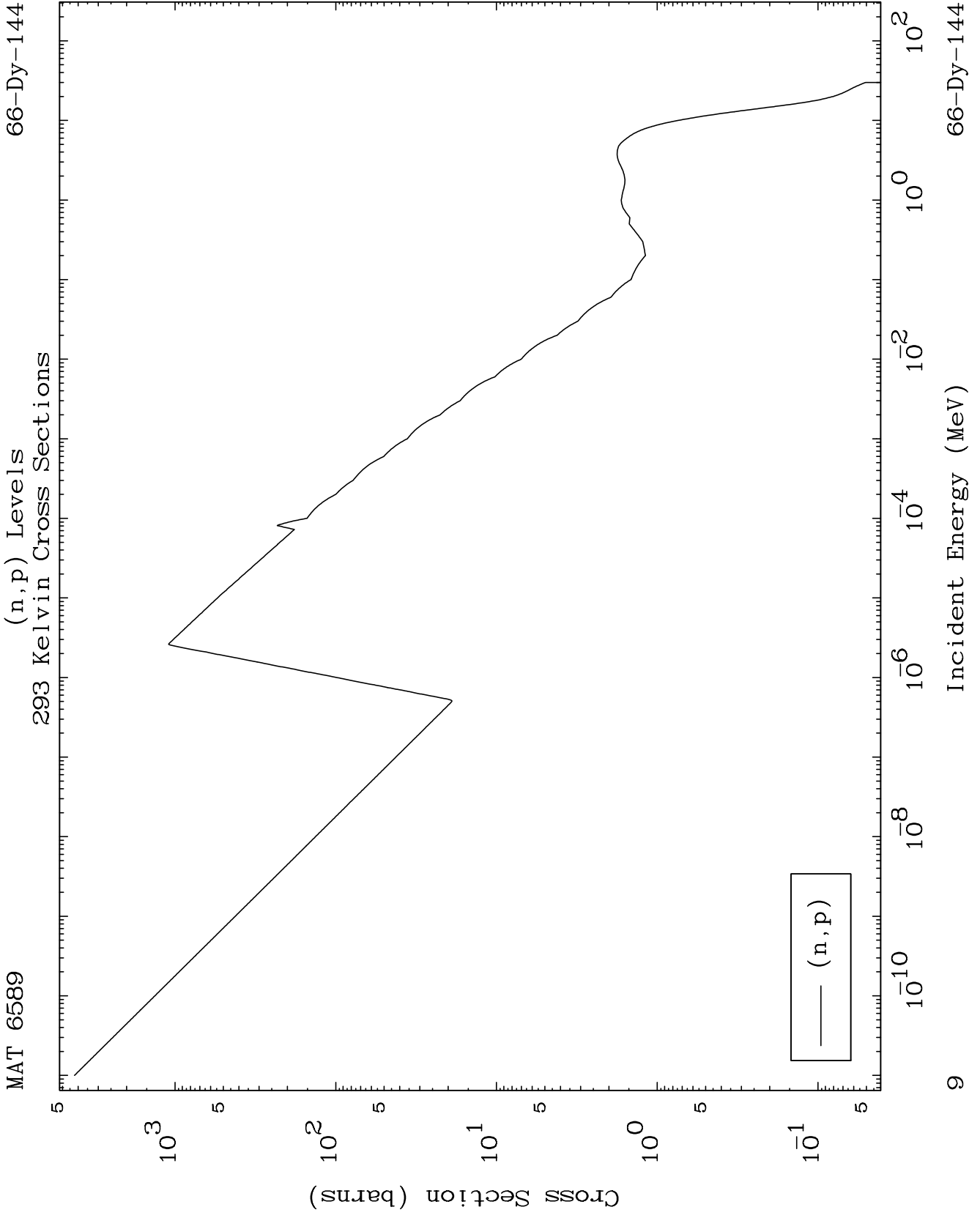
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293 Kelvin Cross Sections



293 Kelvin Cross Sections

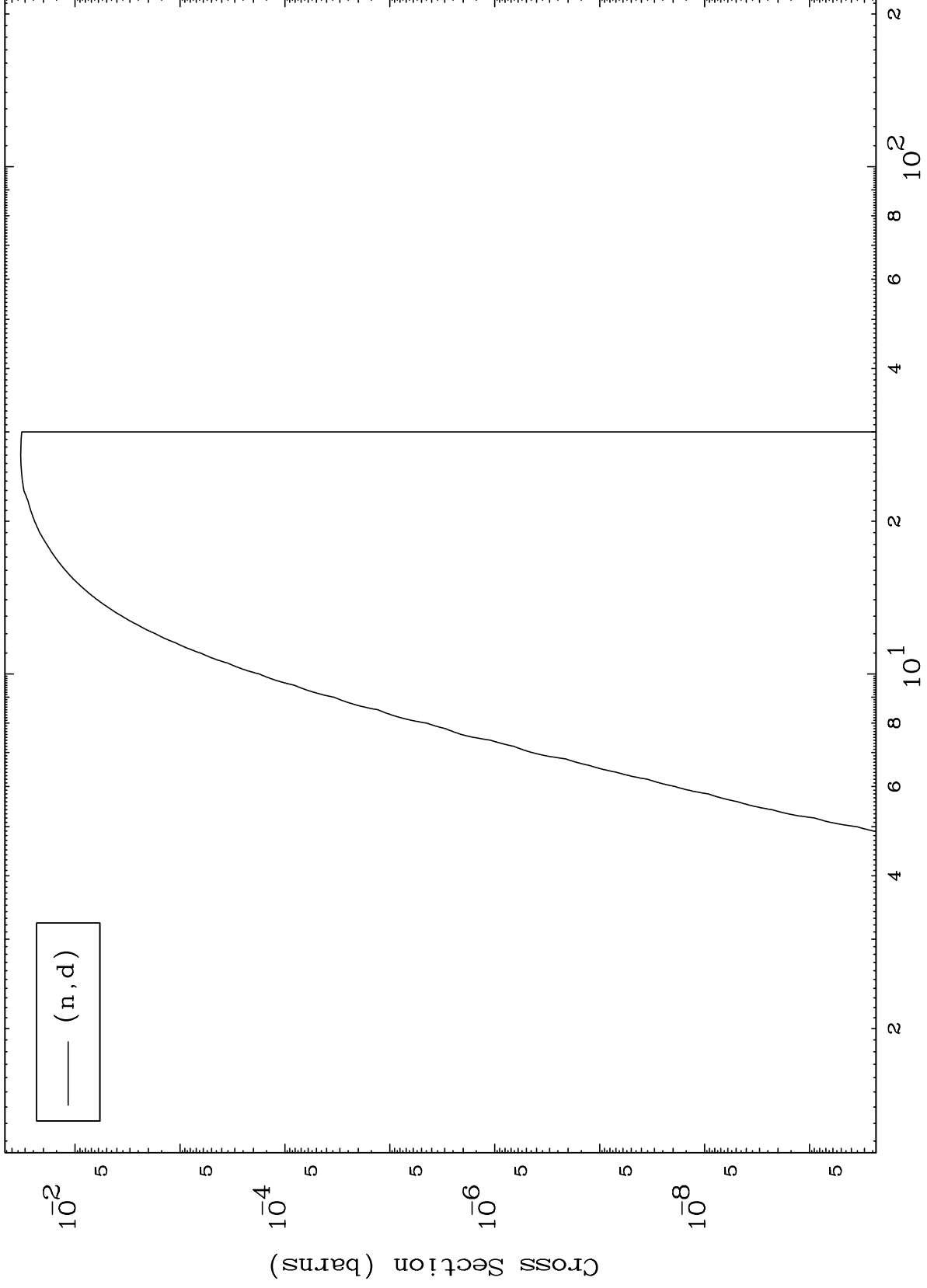




MAT 6589

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-144



10

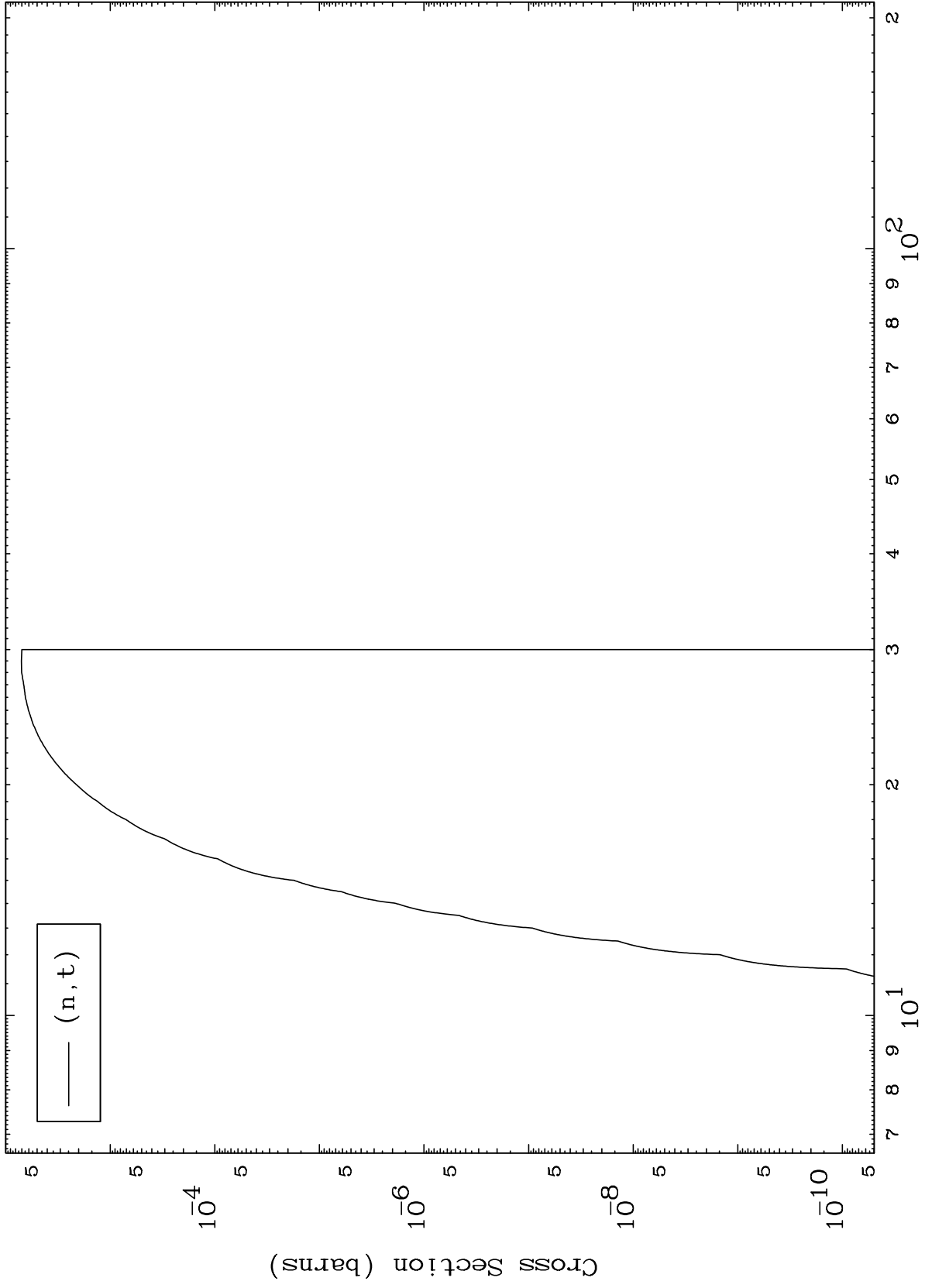
Incident Energy (MeV)

66-Dy-144

MAT 6589

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-144



11

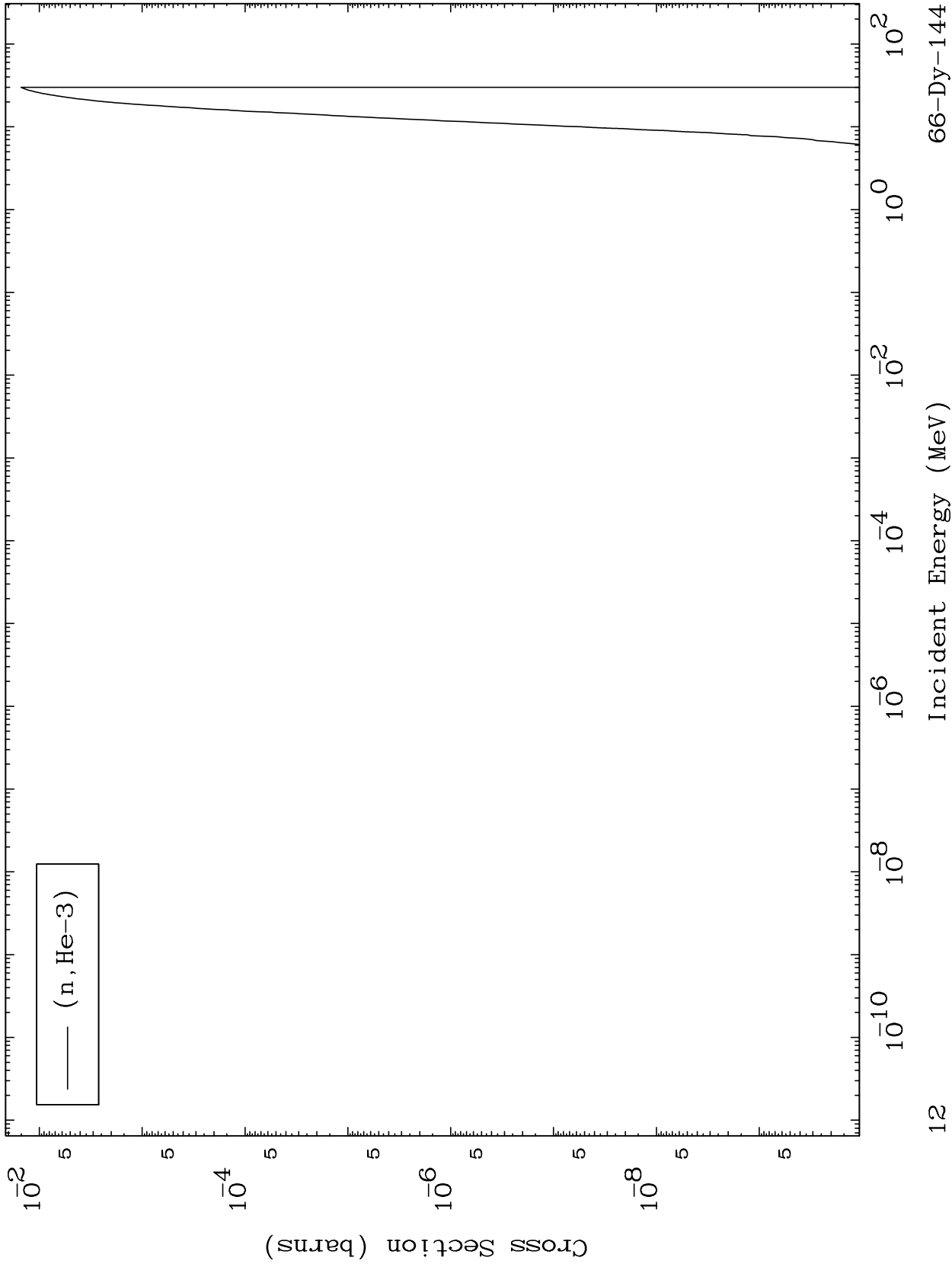
Incident Energy (MeV)

66-Dy-144

MAT 6589

(n,He3) Levels
293 Kelvin Cross Sections

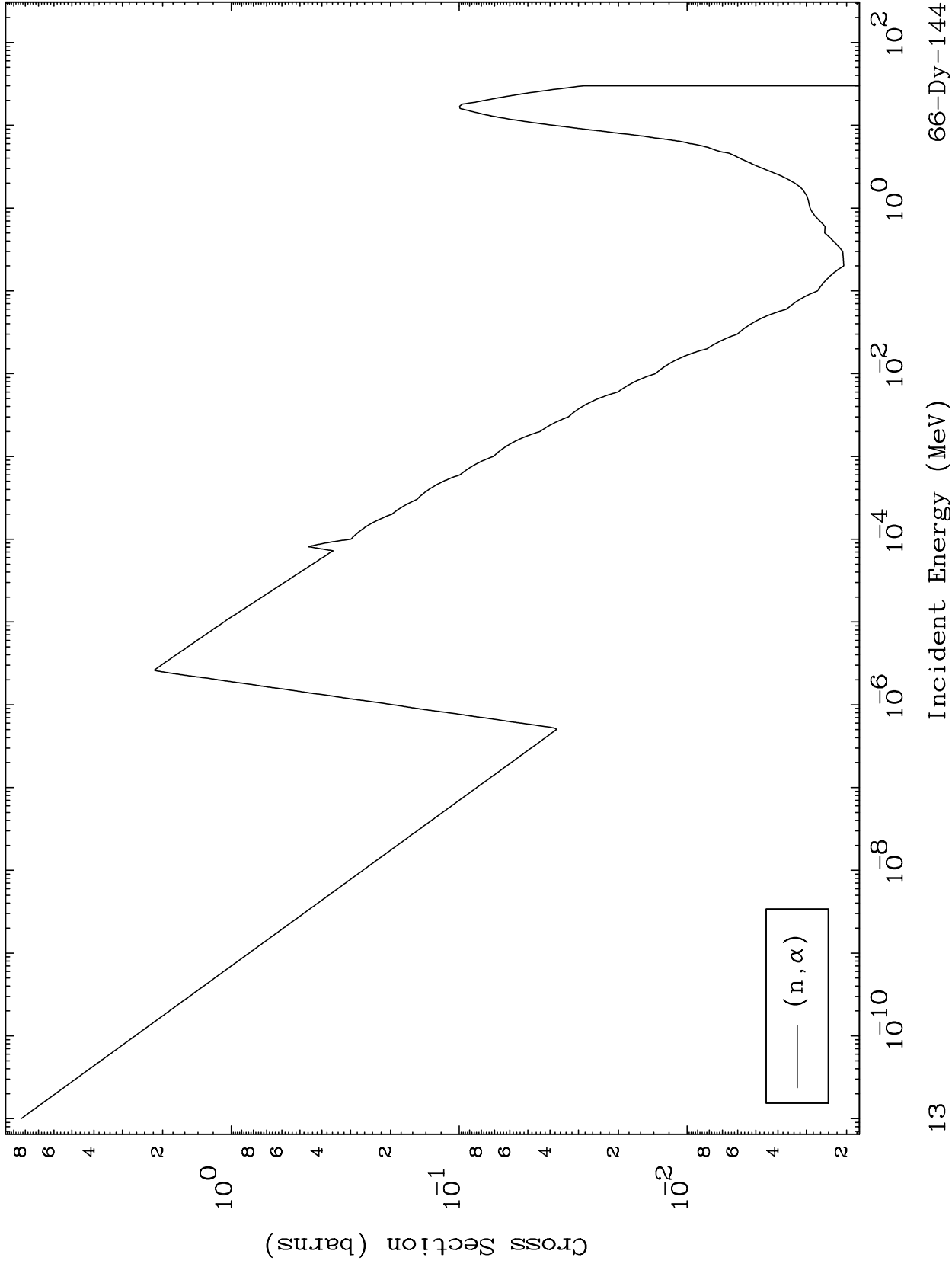
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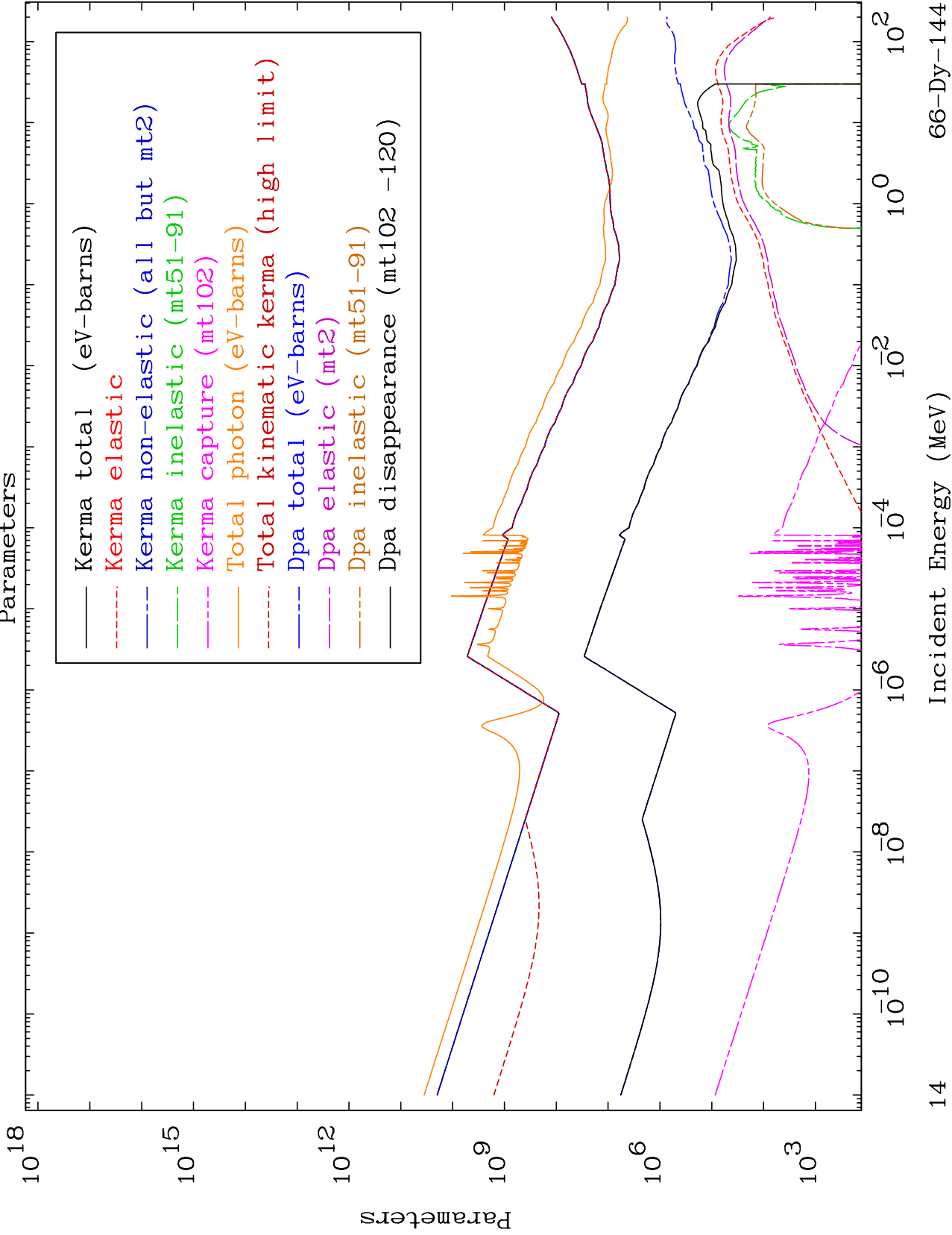


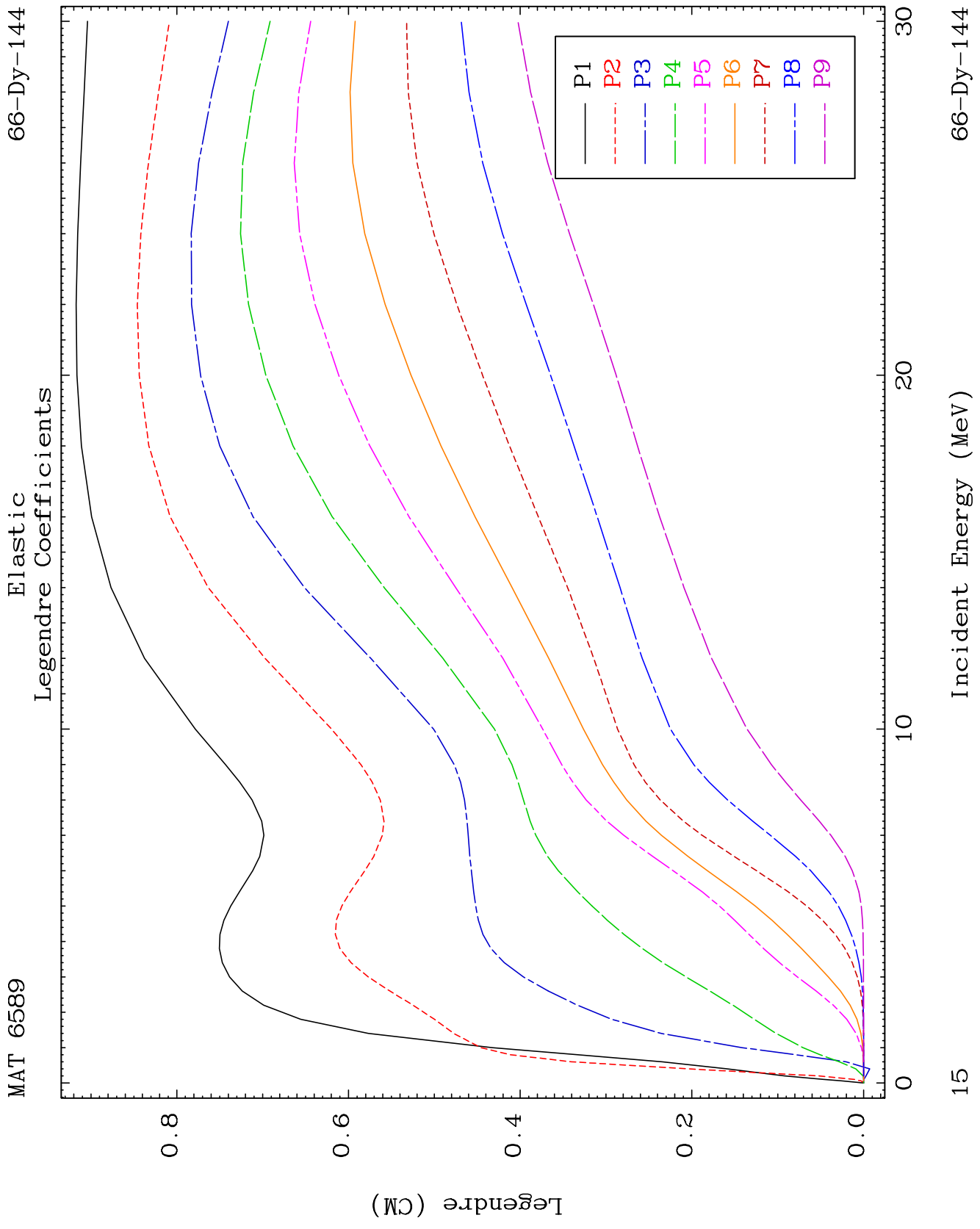
MAT 6589

(n, α) Levels
293 Kelvin Cross Sections

66-Dy-144



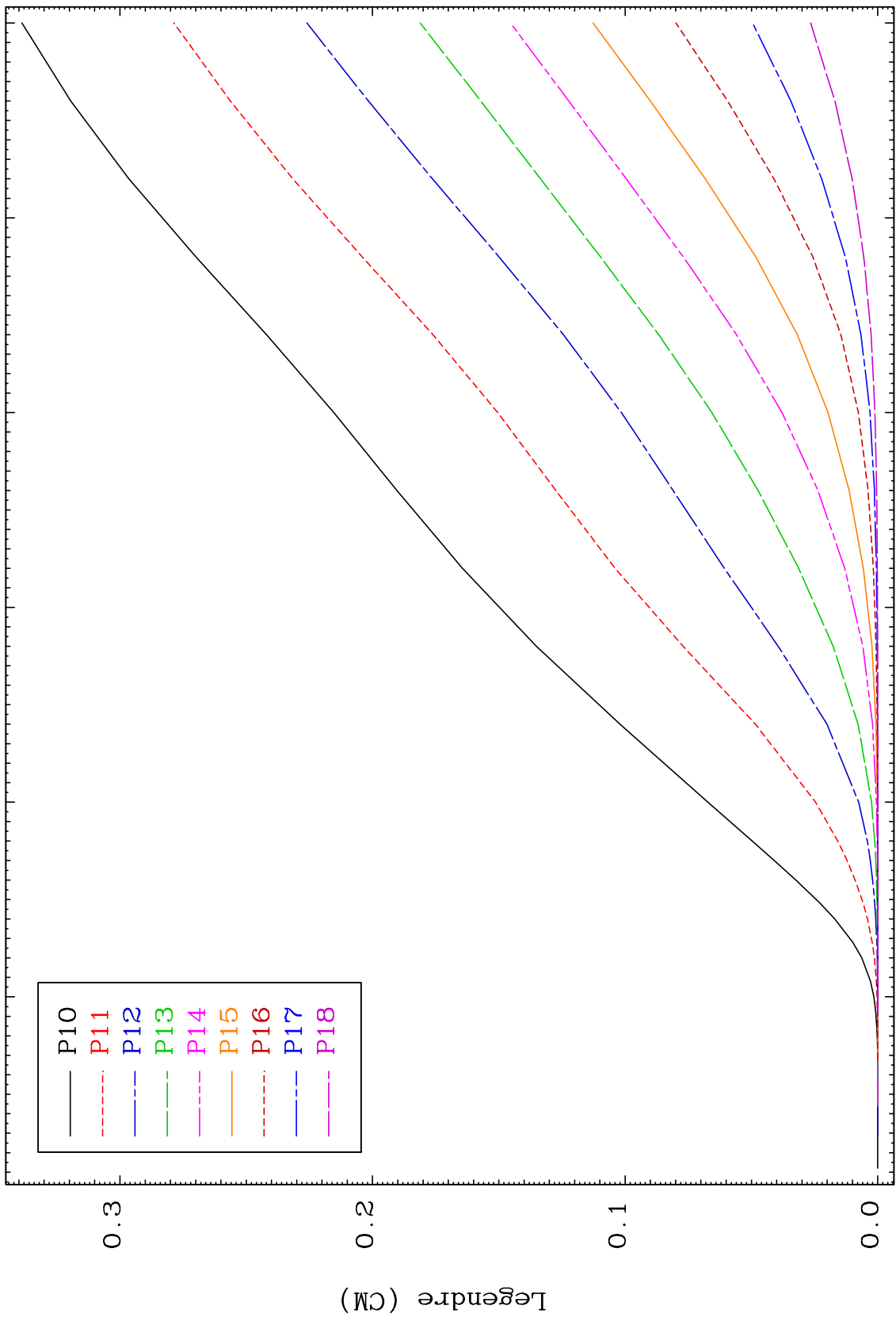




MAT 6589

Elastic Legendre Coefficients

66-Dy-144



16

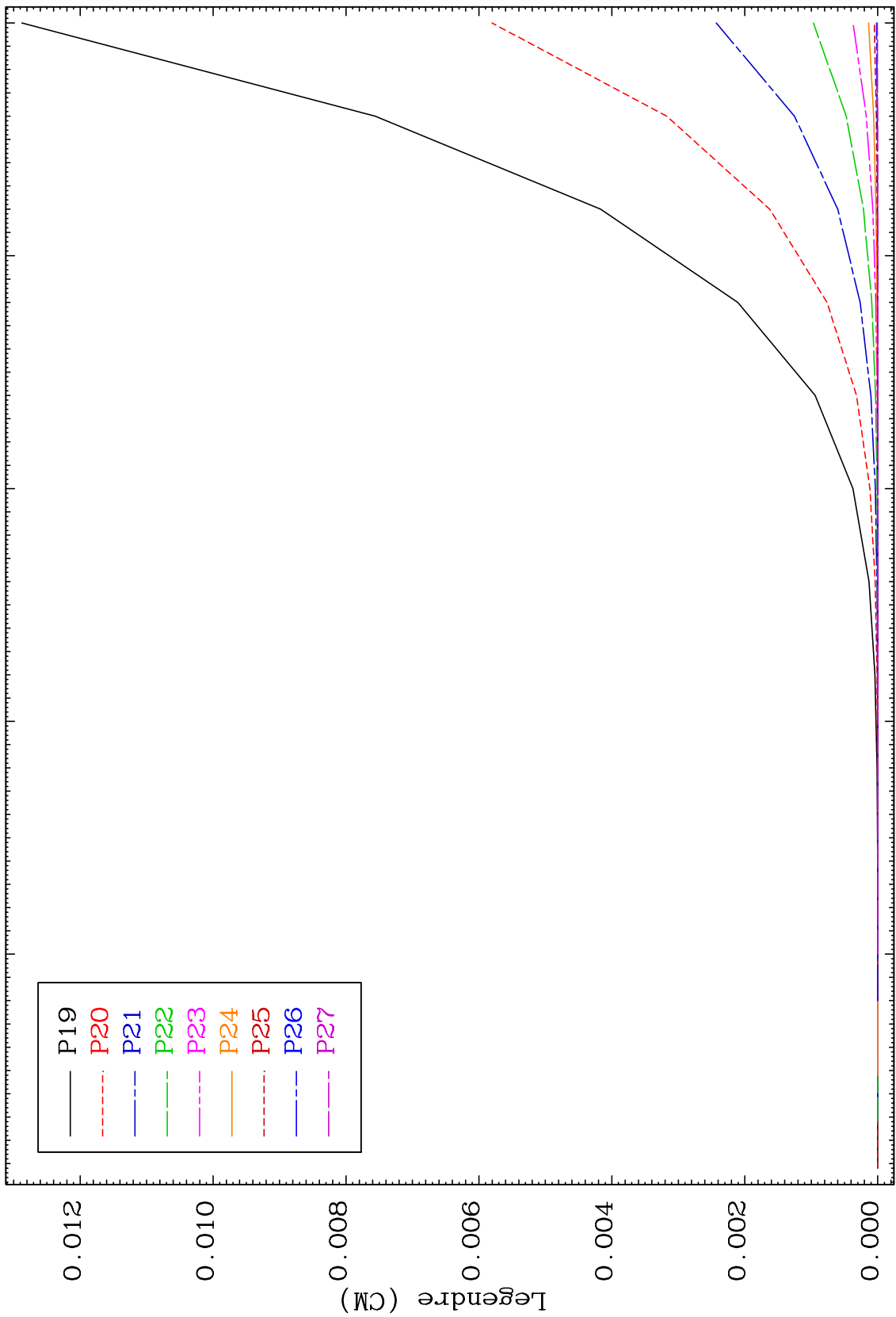
Incident Energy (MeV)

66-Dy-144

MAT 6589

Elastic Legendre Coefficients

66-Dy-144



17

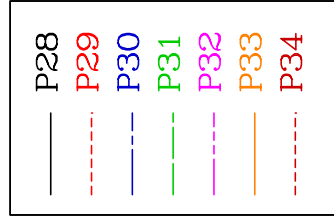
Incident Energy (MeV)

66-Dy-144

MAT 6589

Elastic
Legendre Coefficients

66-Dy-144



$\times 10^{-6}$

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

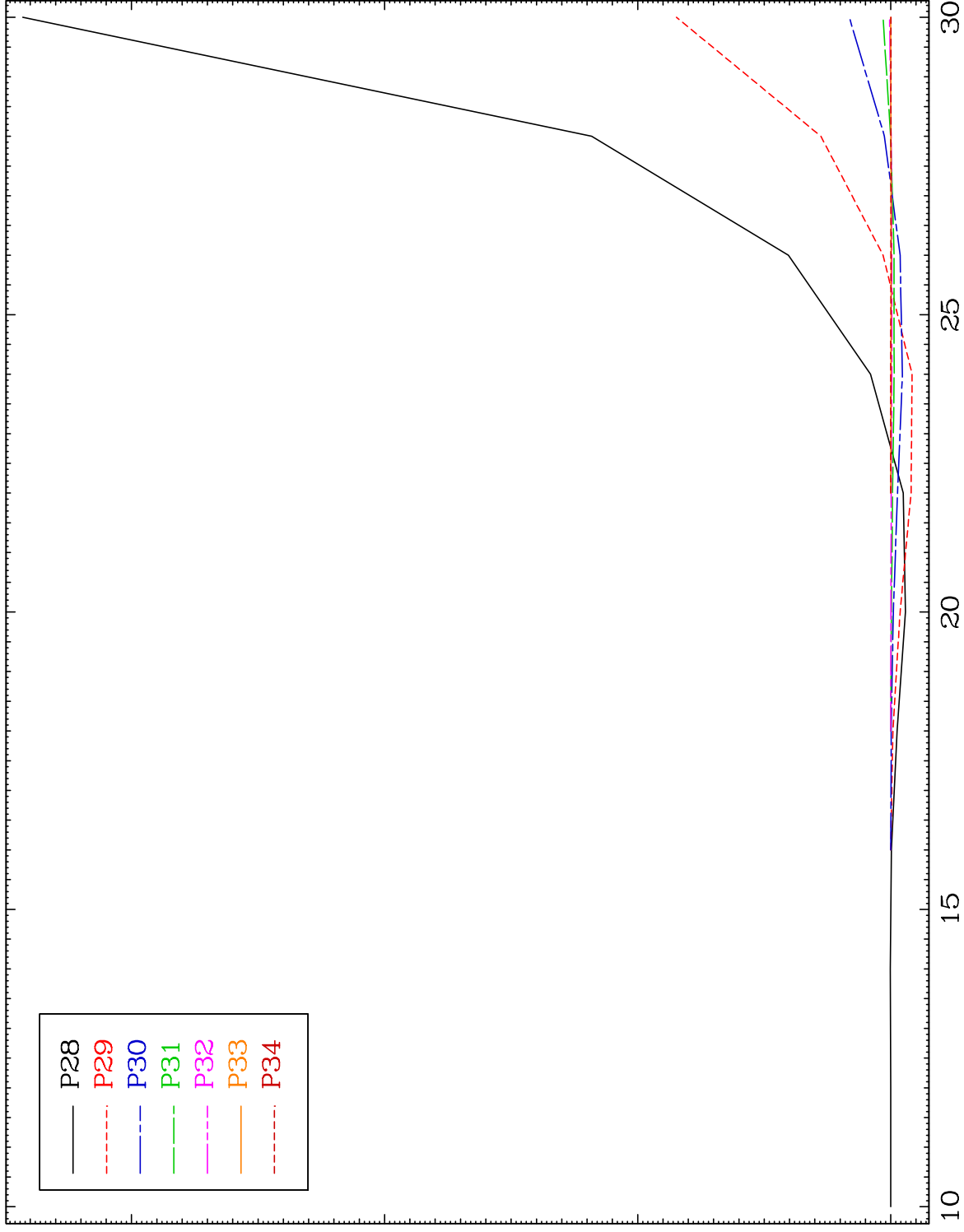
25

30

18

Incident Energy (MeV)

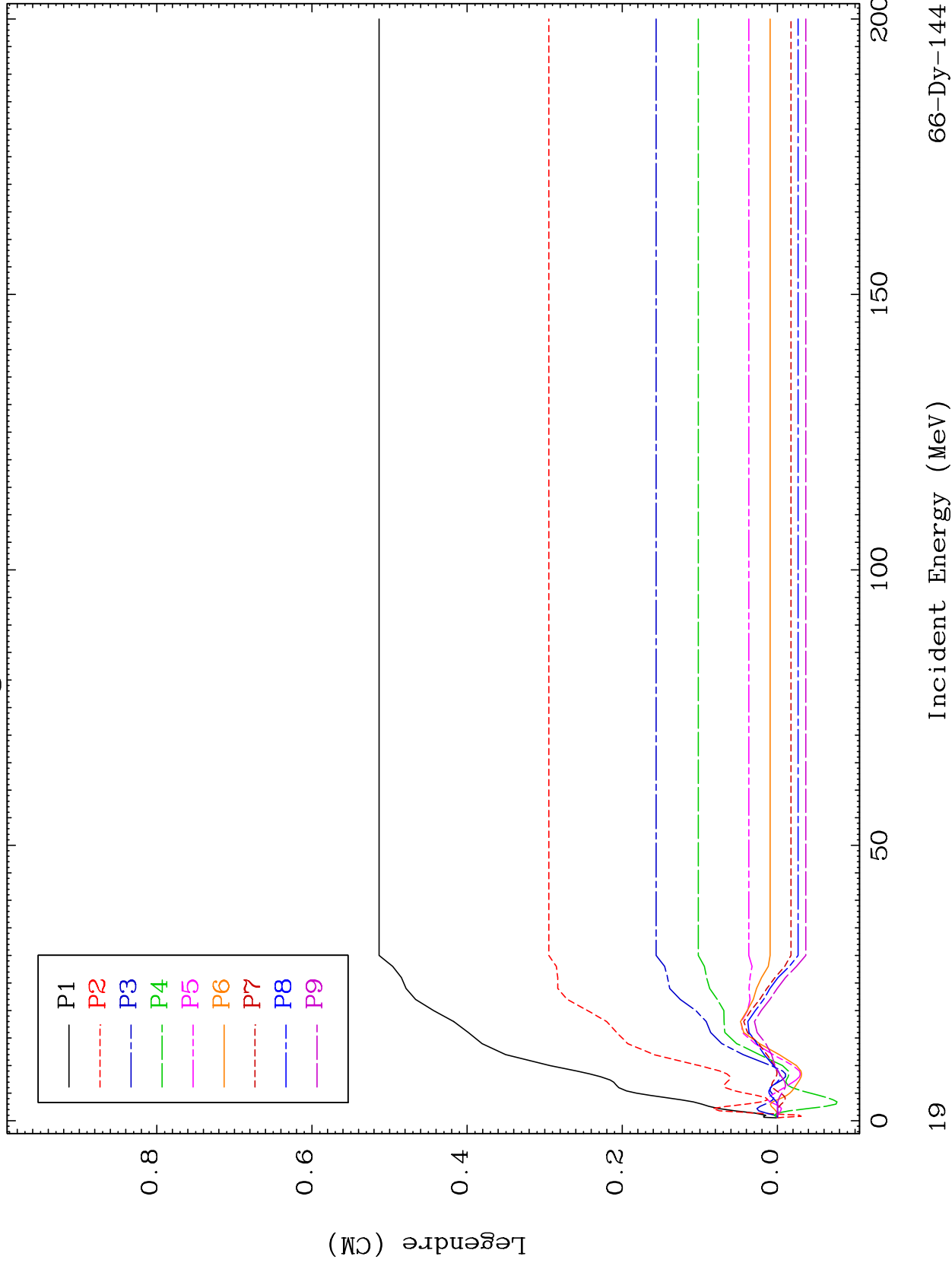
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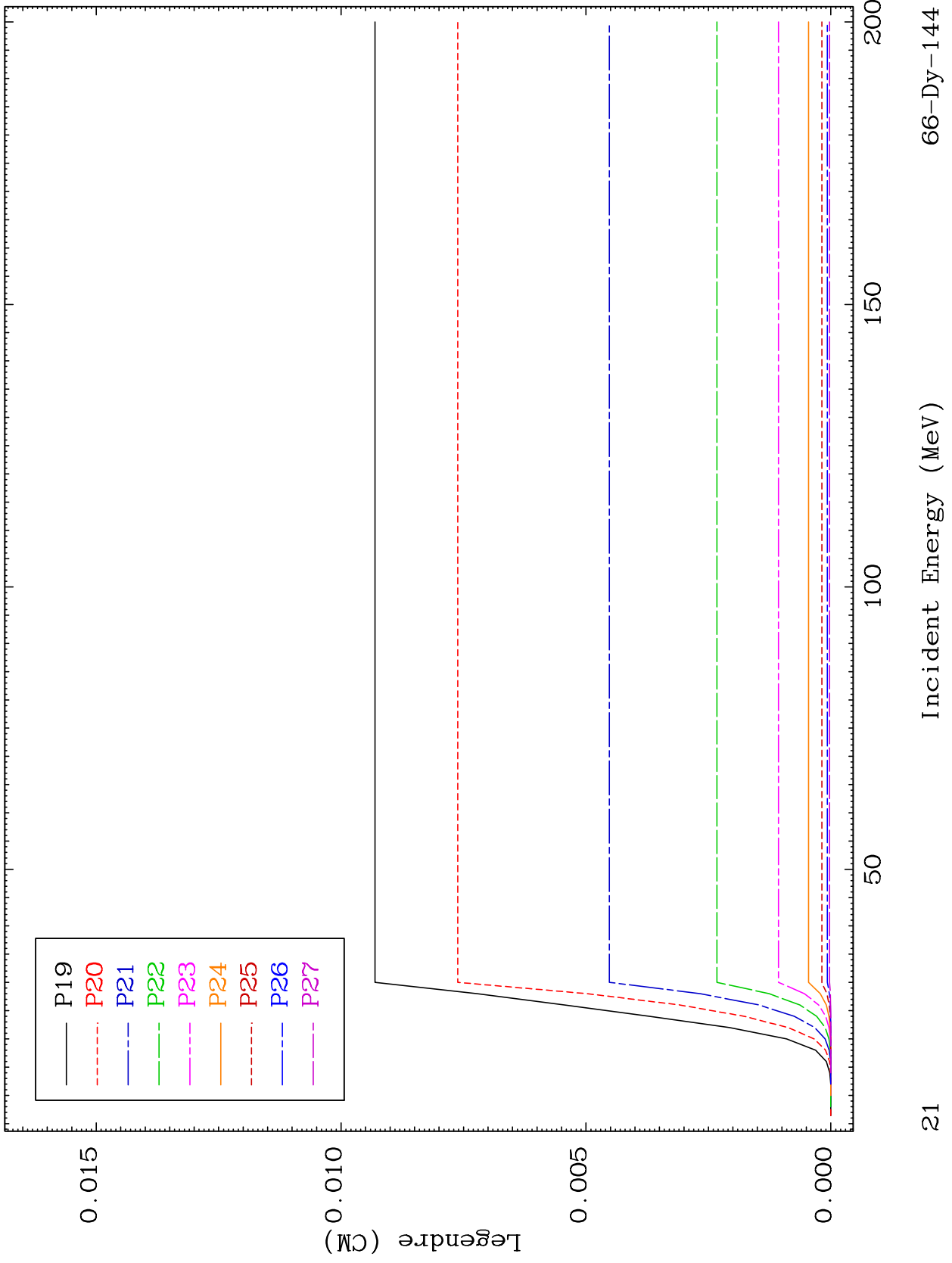
MAT 6589

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

66-Dy-144



19



MAT 6589

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

66-Dy-144

$\times 10^{-6}$

8

Legendre (CM)

6

4

2

0

P28

P29

P30

P31

P32

P33

P34

P35

P36

50

100

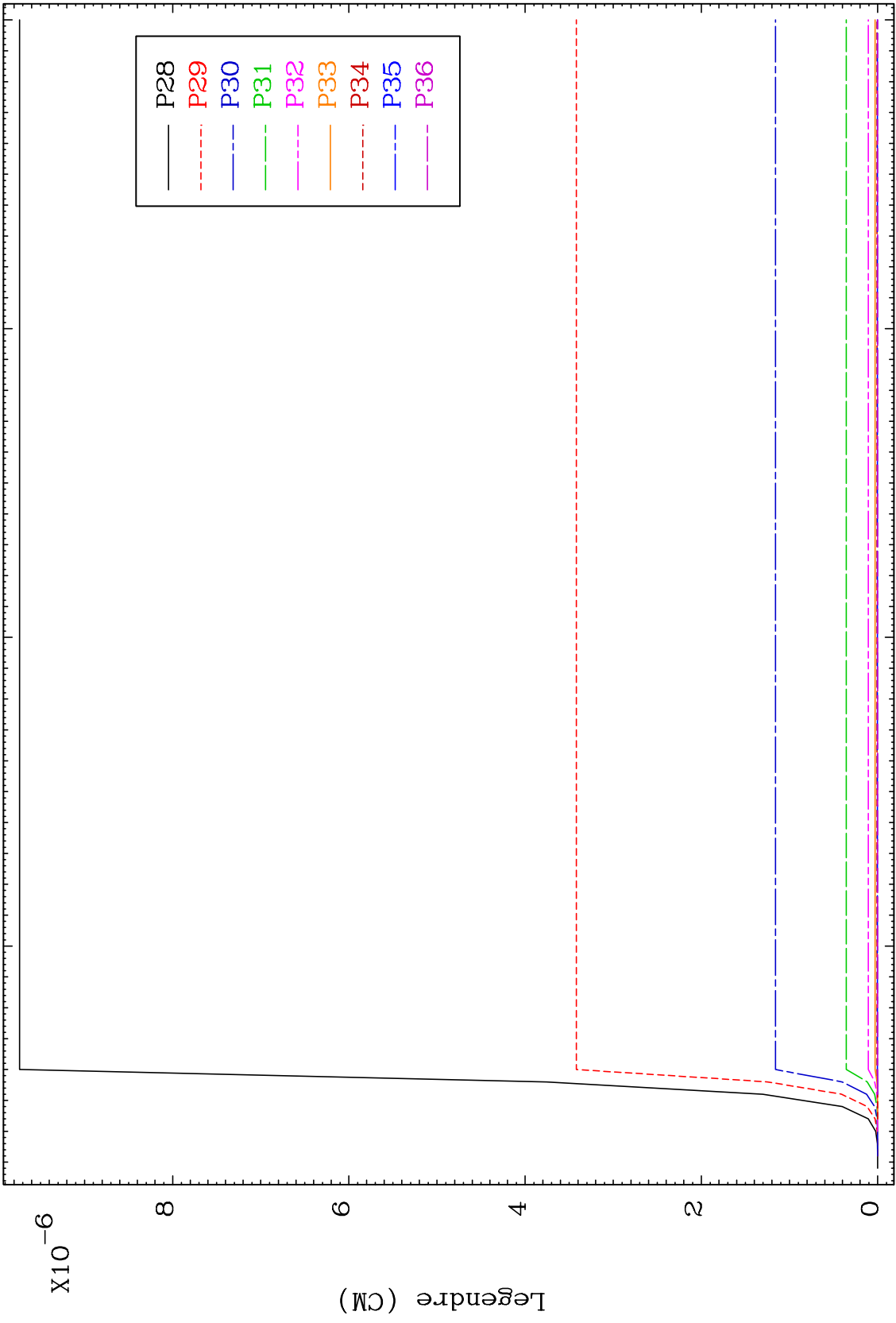
150

200

22

Incident Energy (MeV)

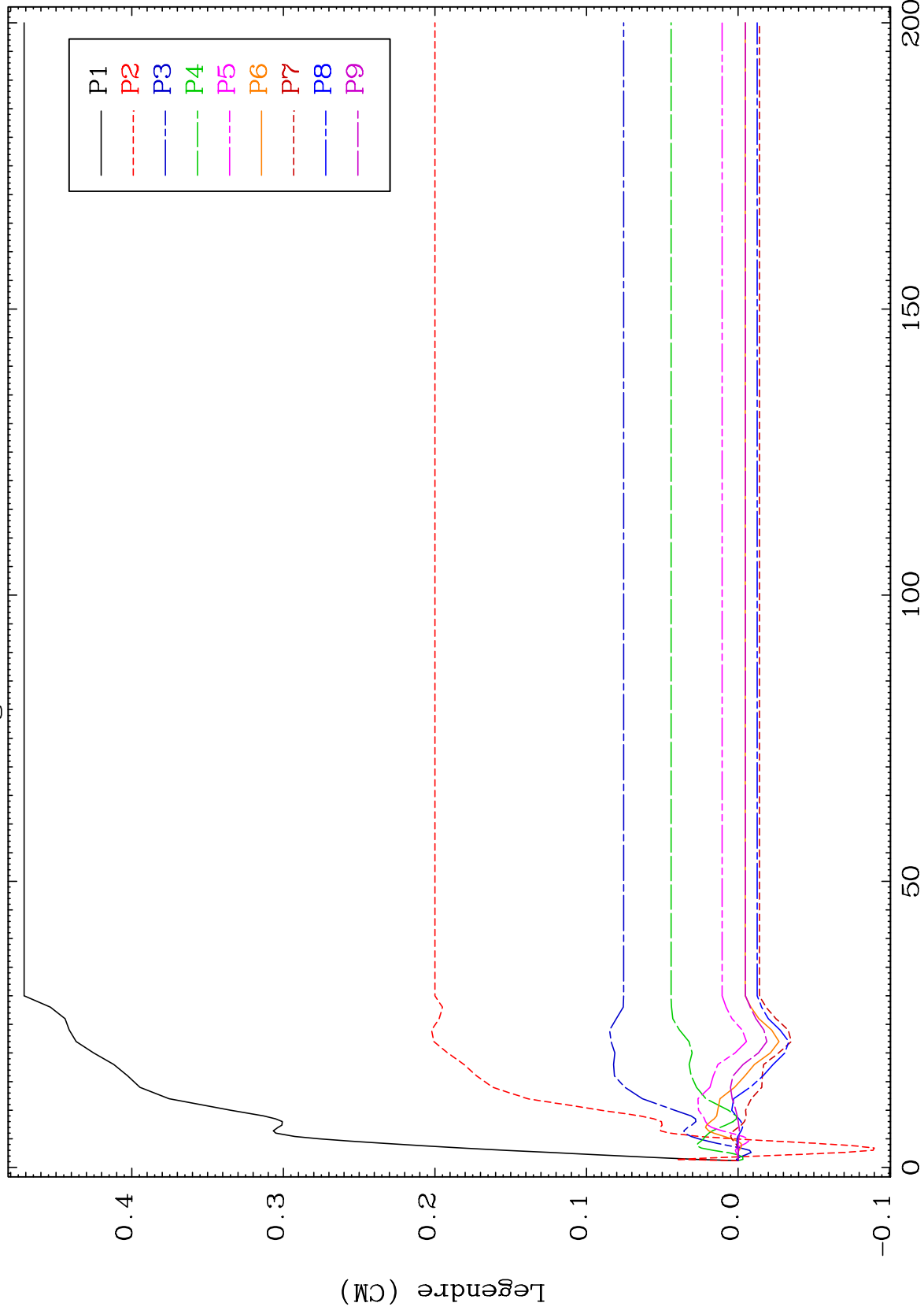
66-Dy-144



MAT 6589

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

66-Dy-144



23

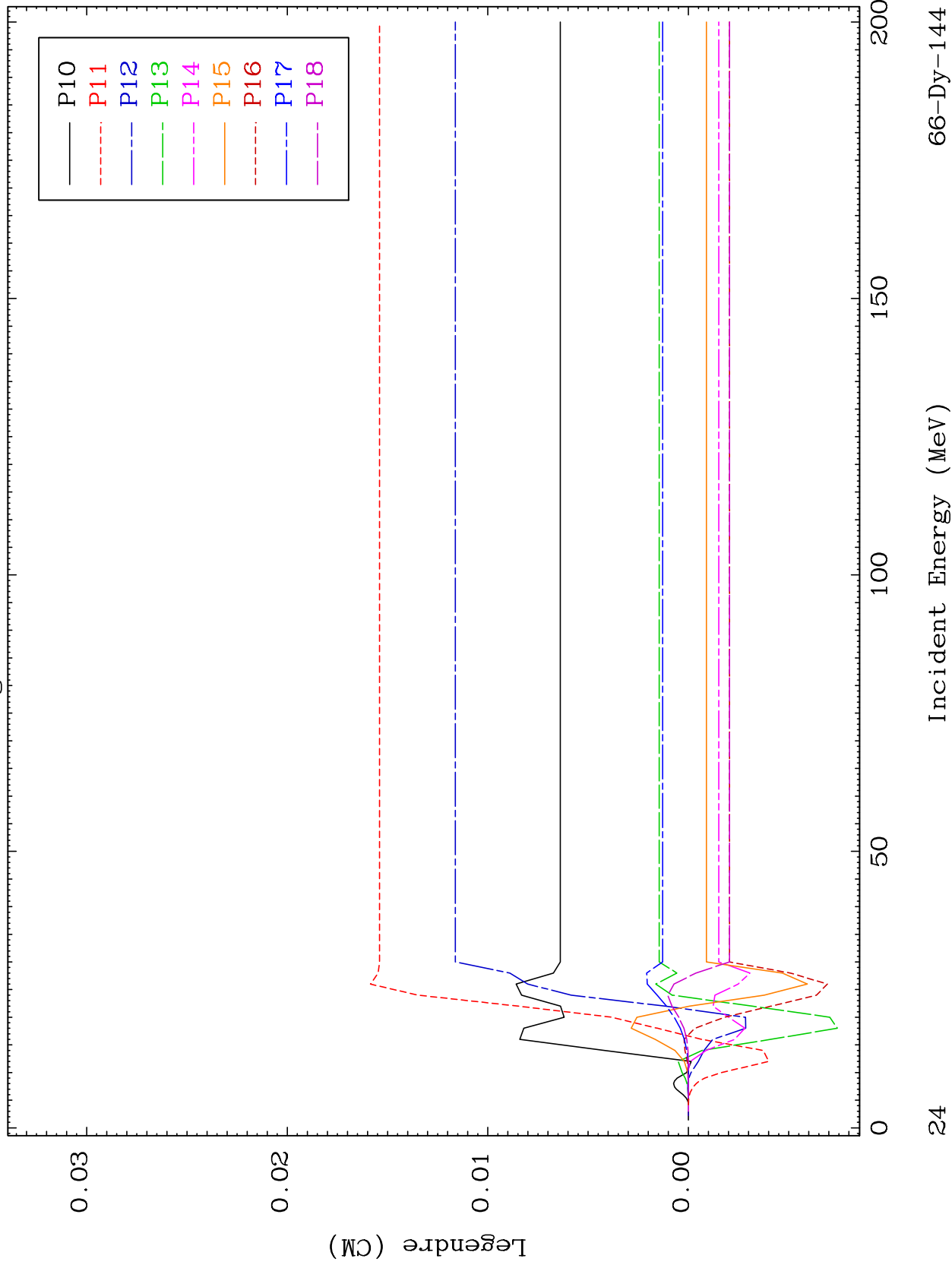
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



66-Dy-144

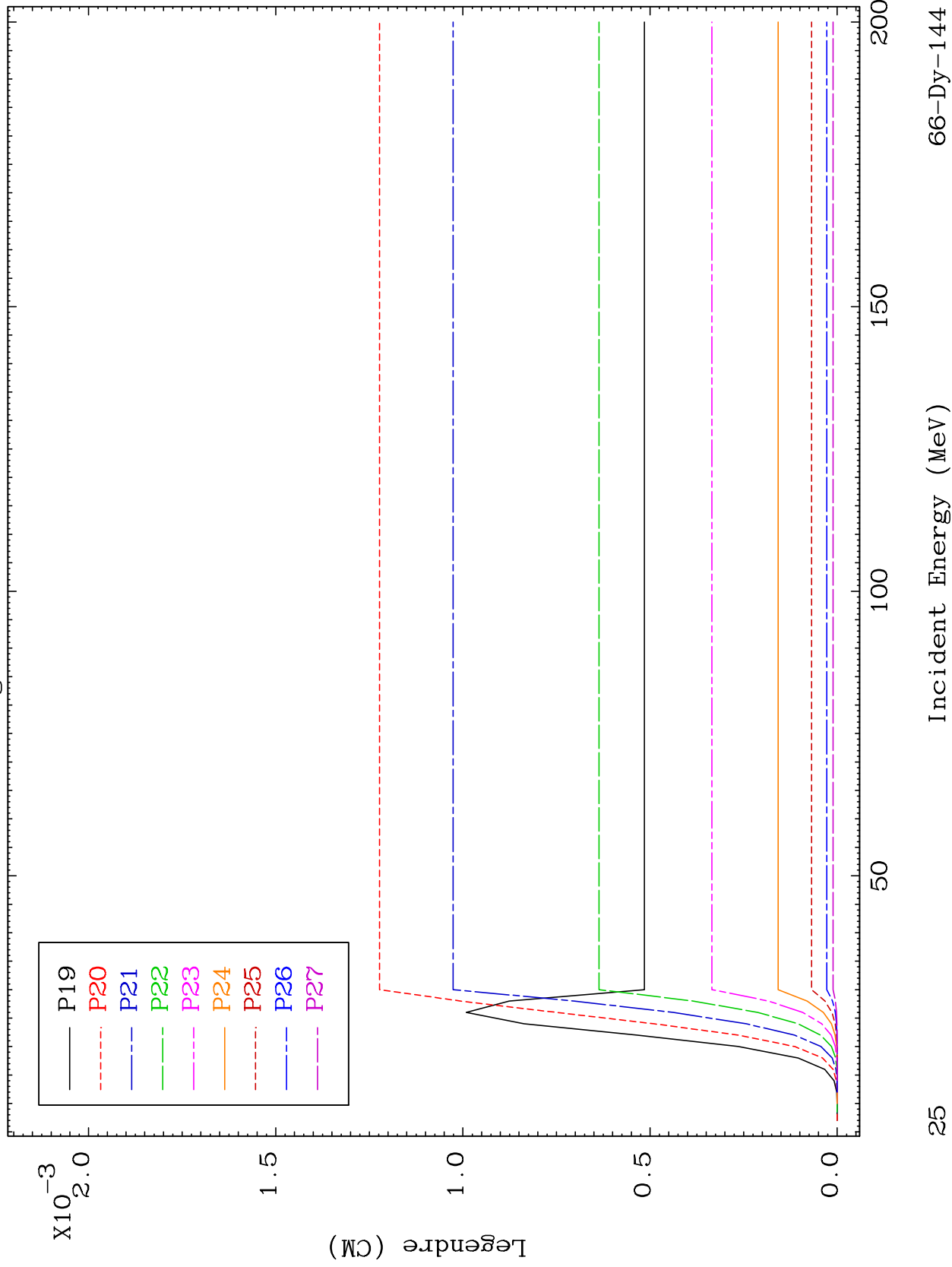
Incident Energy (MeV)

24

MAT 6589

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

66-Dy-144



25

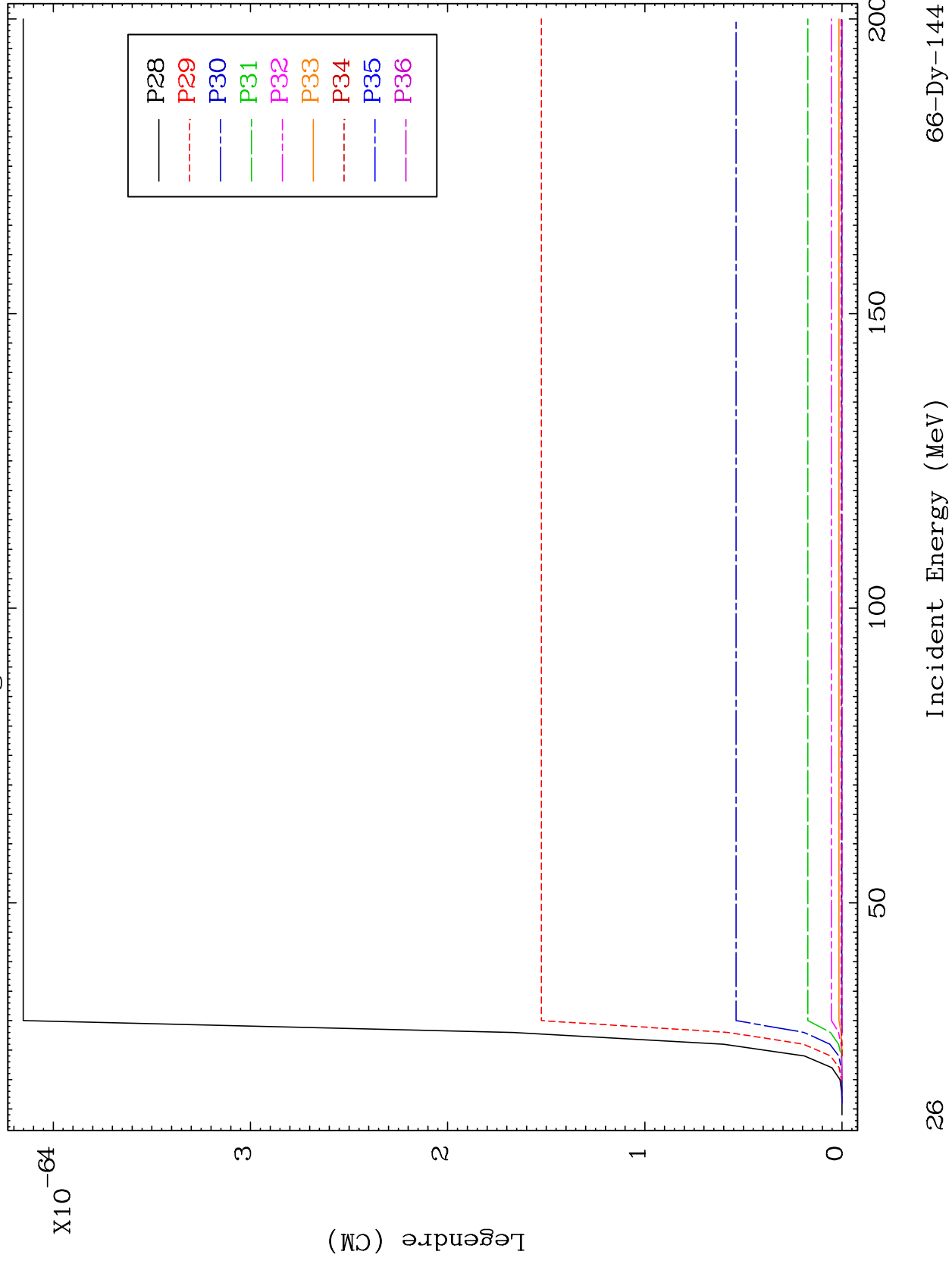
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

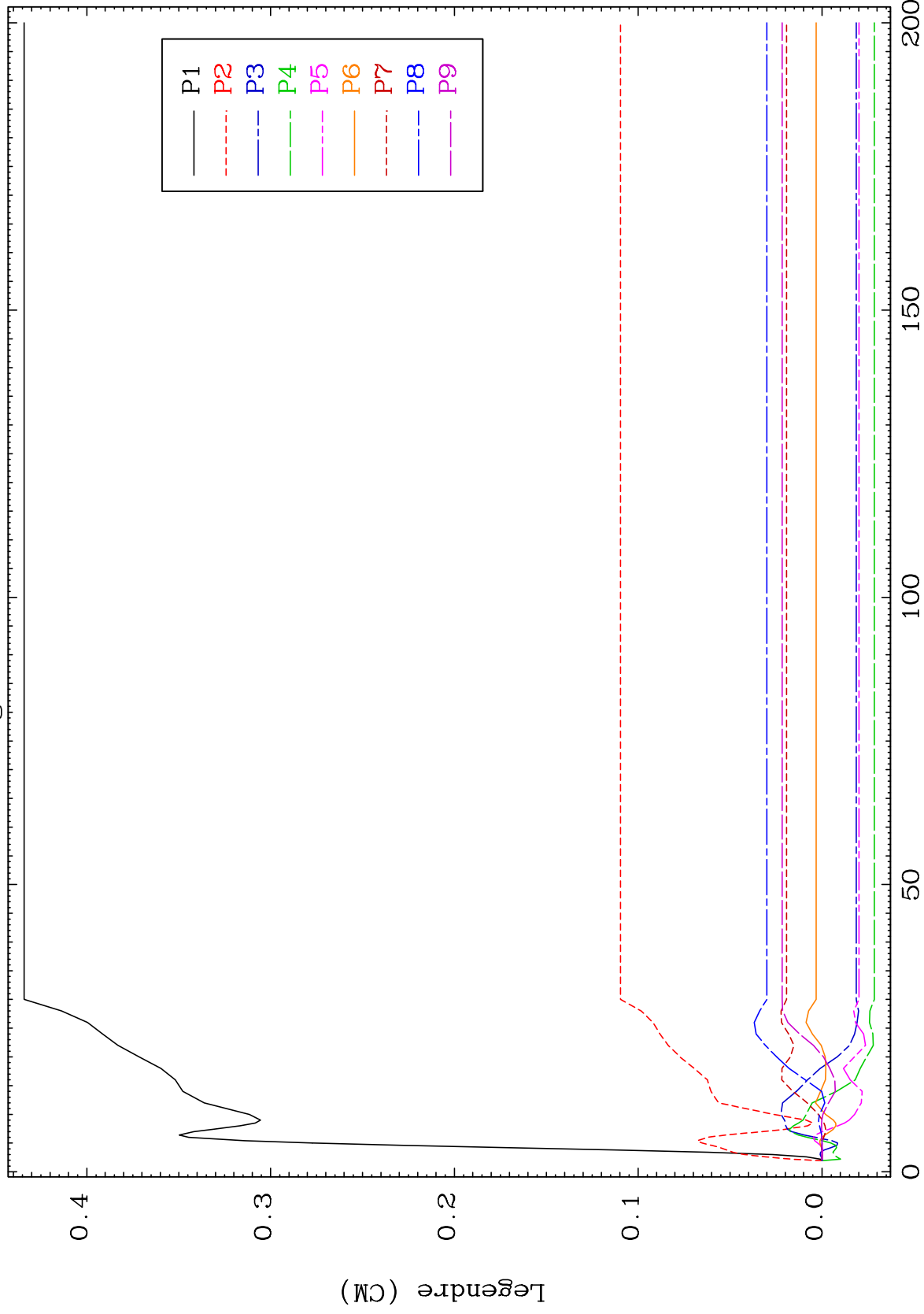
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MAT 6589

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

66-Dy-144



27

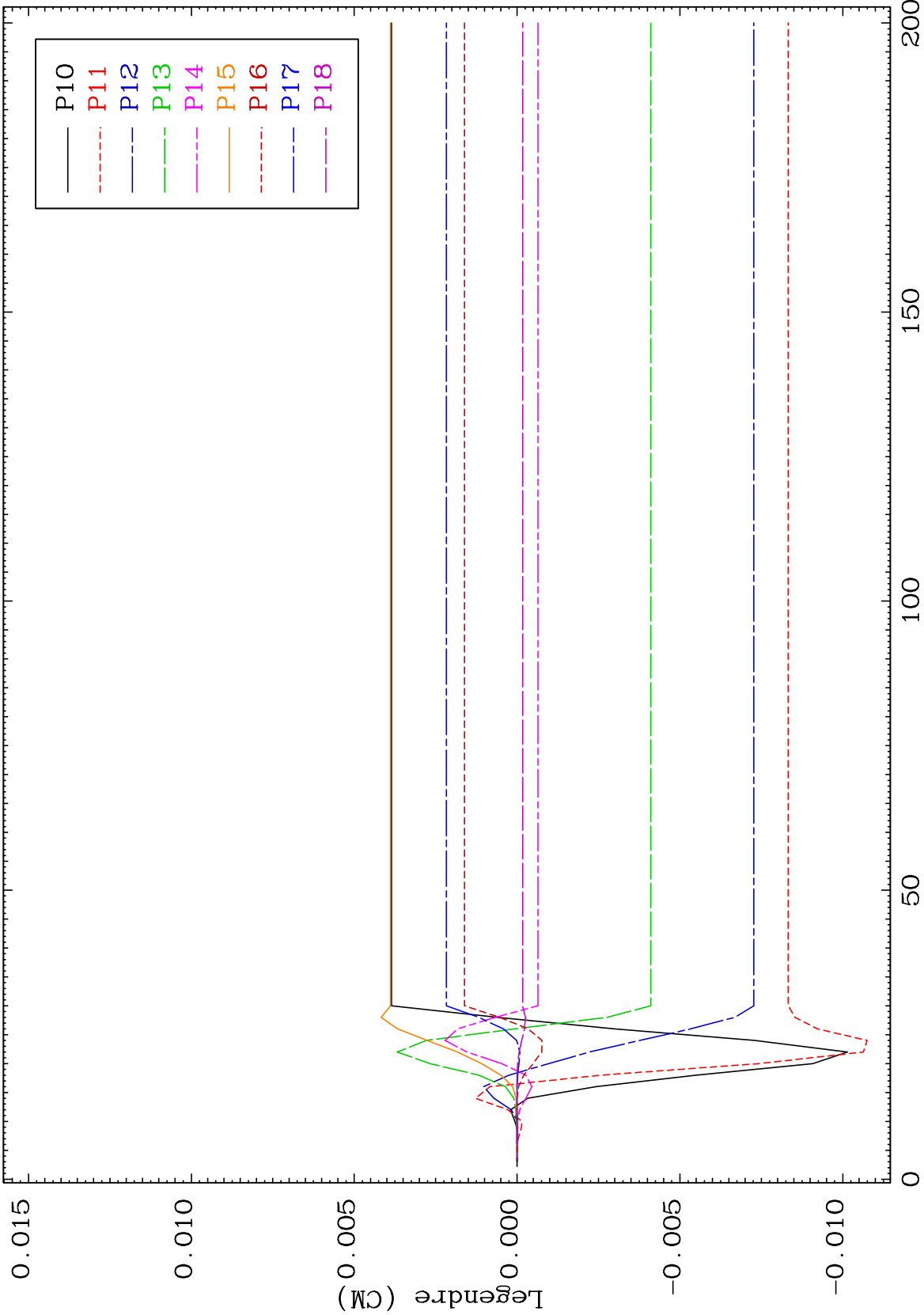
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



28

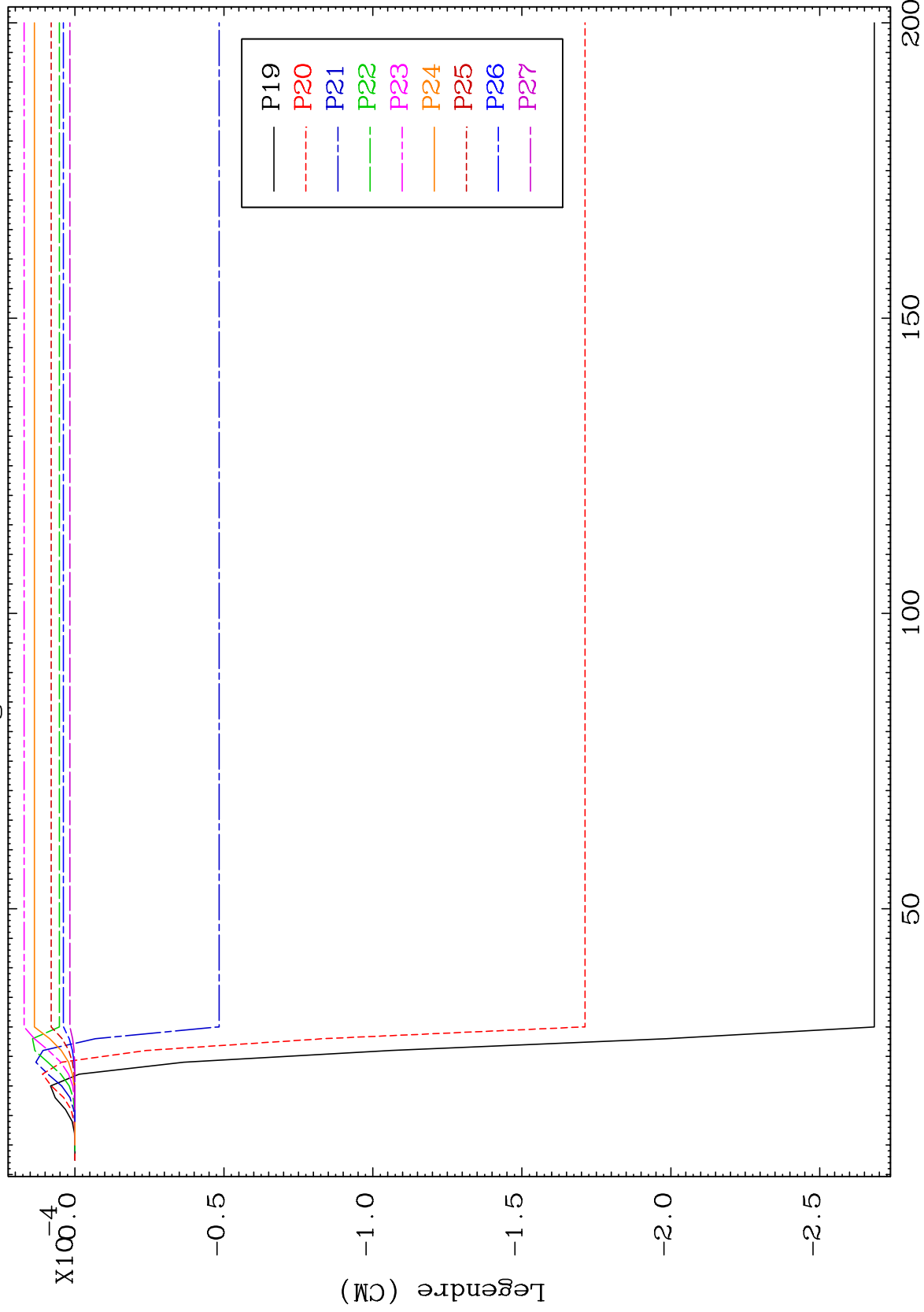
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



29

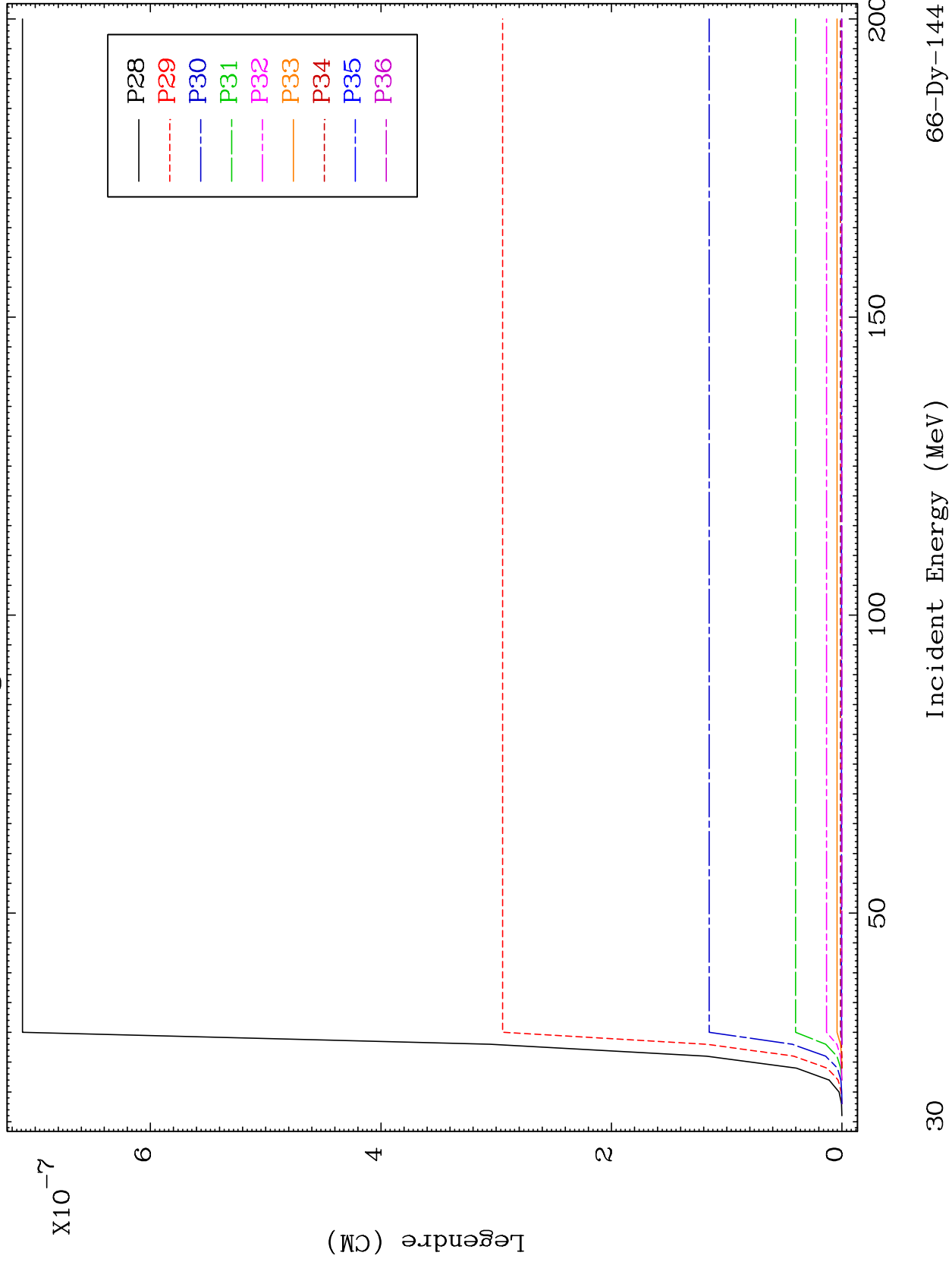
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



66-Dy-144

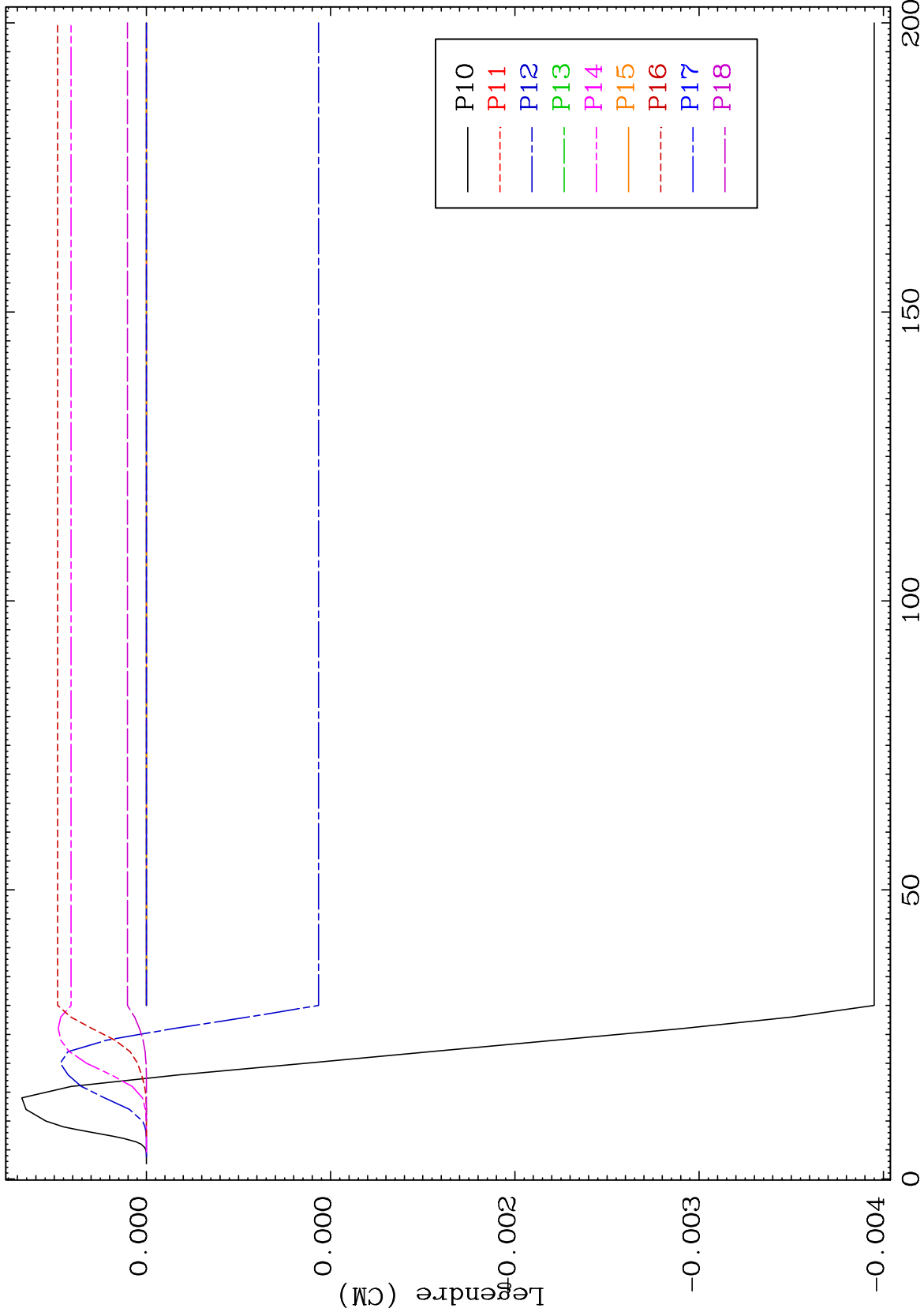
Incident Energy (MeV)

30

MAT 6589

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

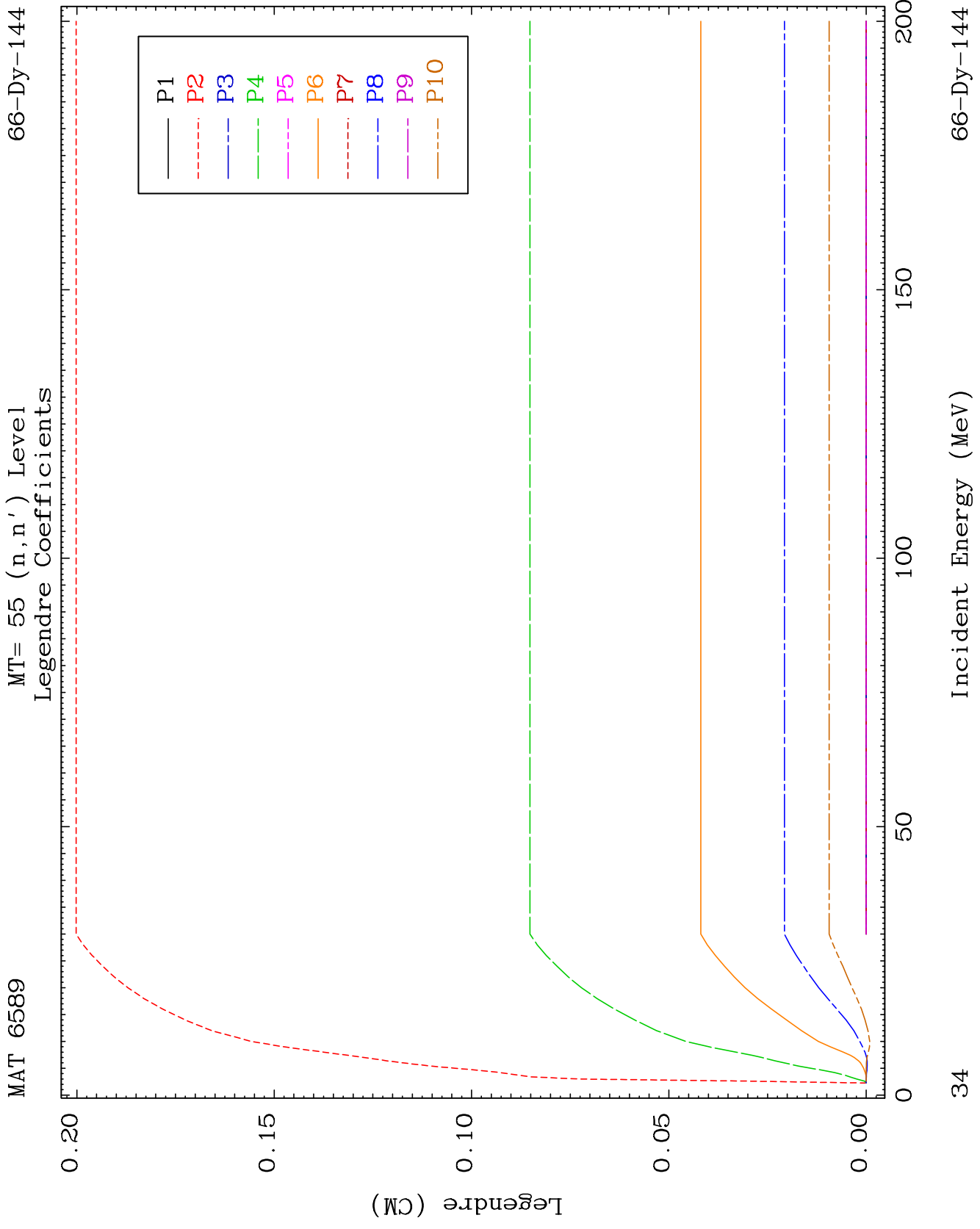
66-Dy-144



32

Incident Energy (MeV)

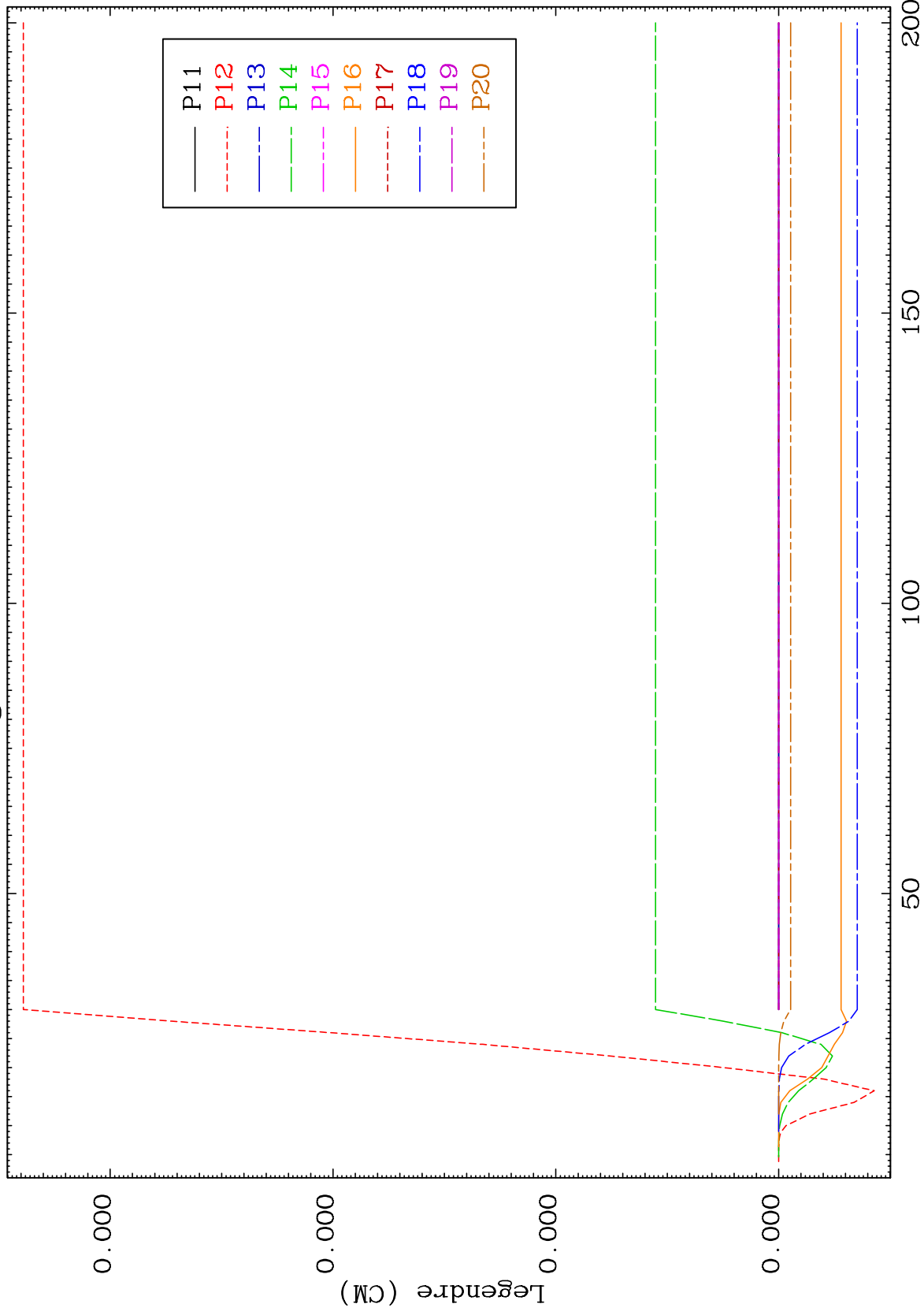
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MAT 6589

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

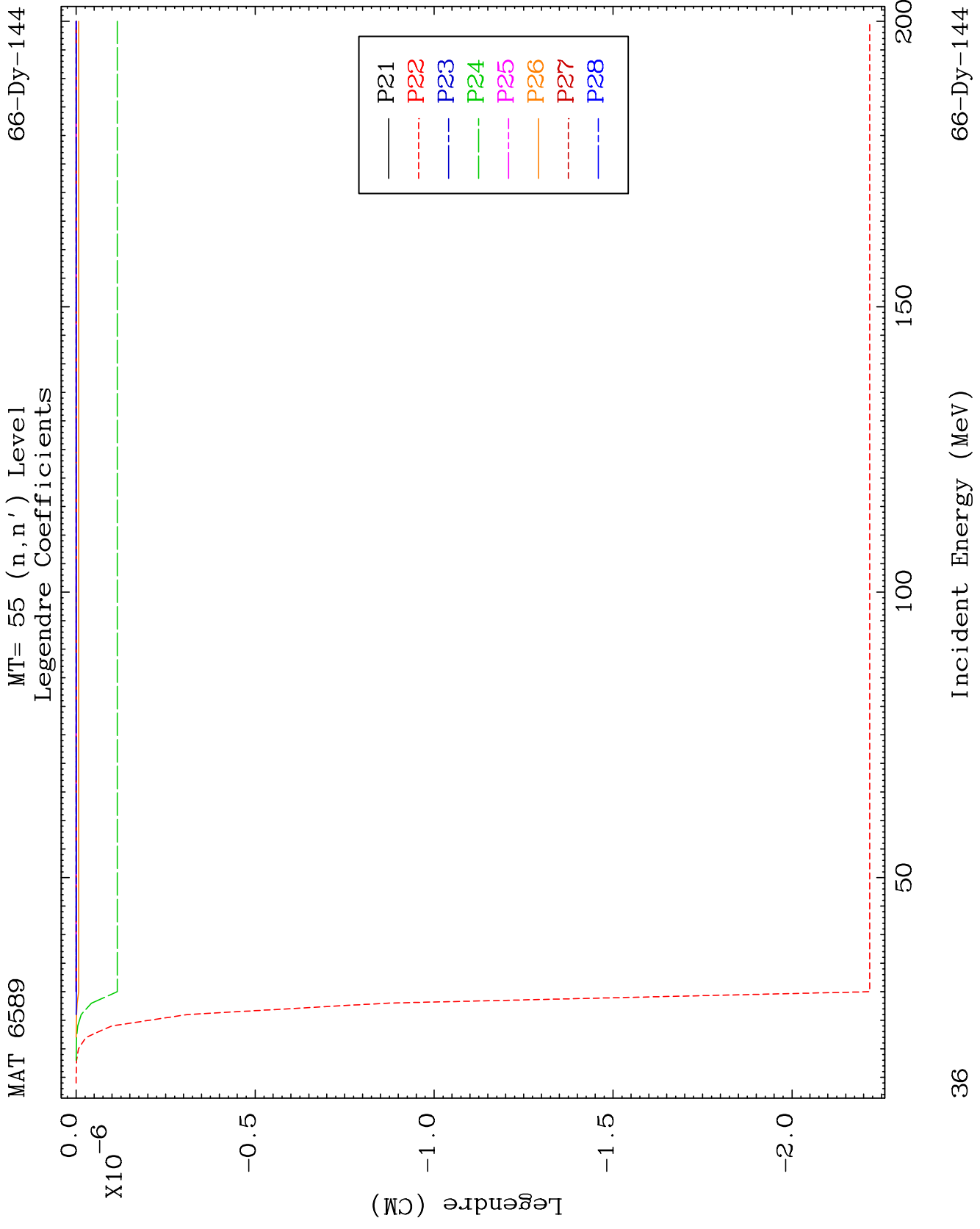
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35

Incident Energy (MeV)

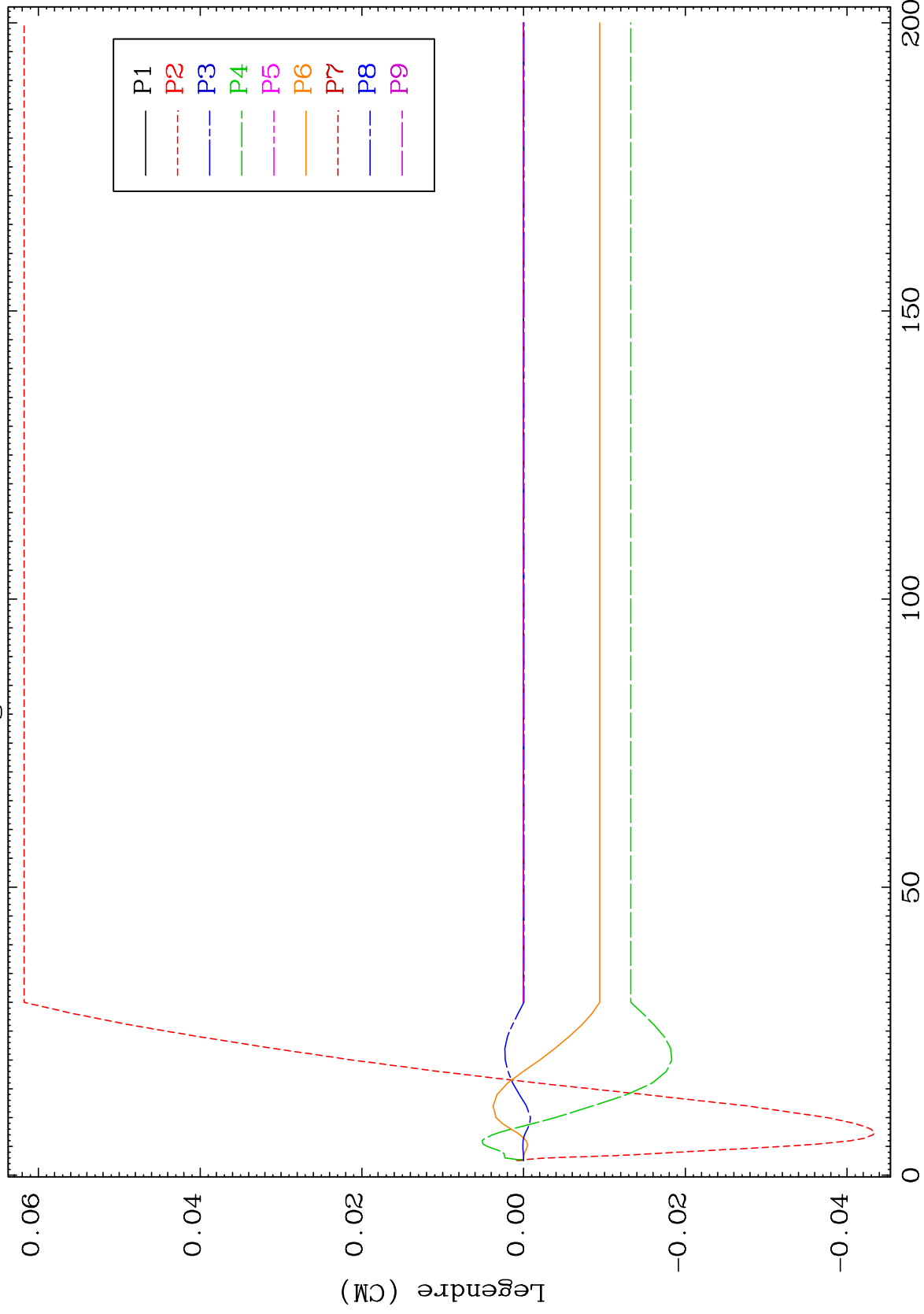
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MAT 6589

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

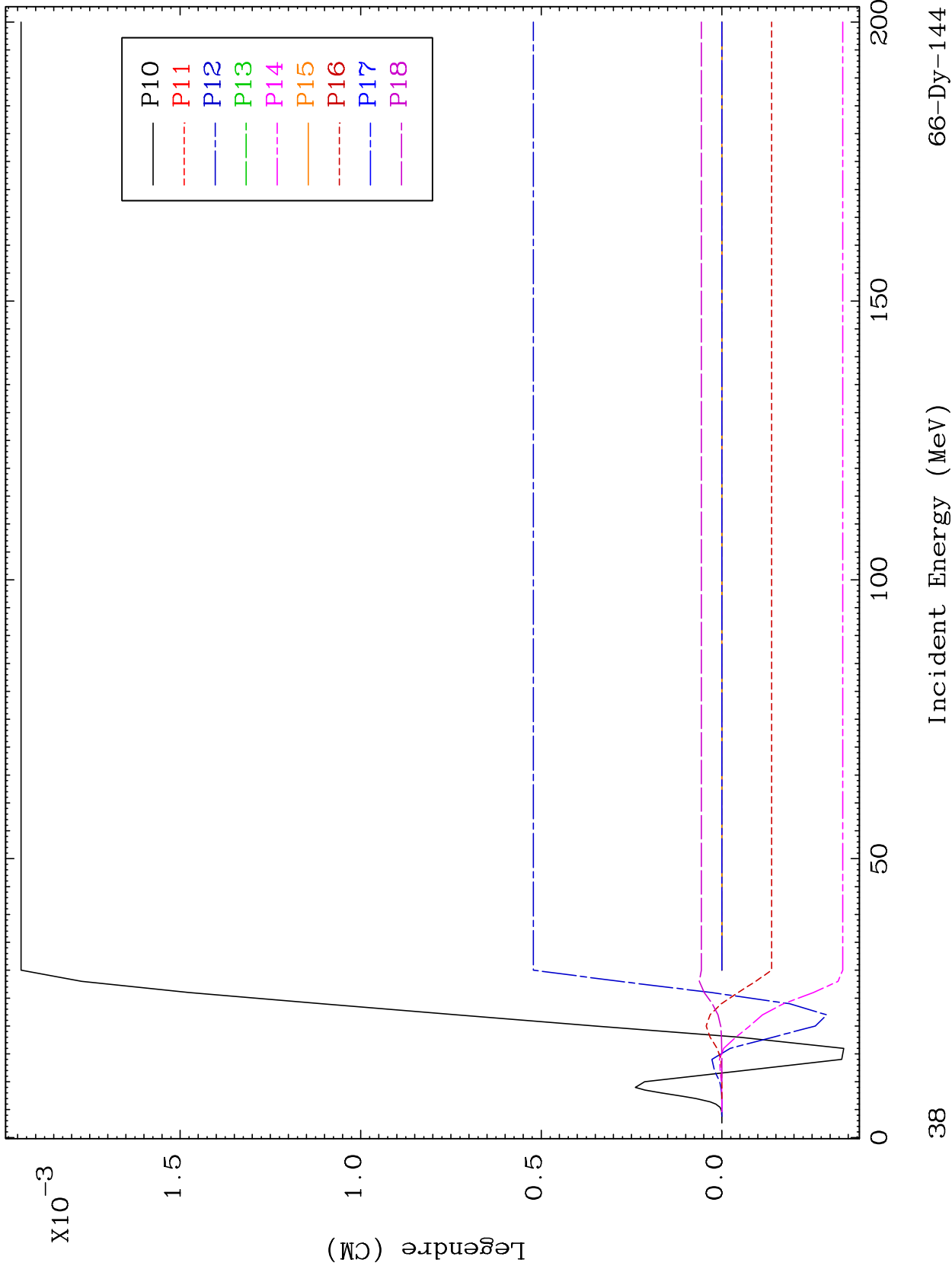
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37

Incident Energy (MeV)

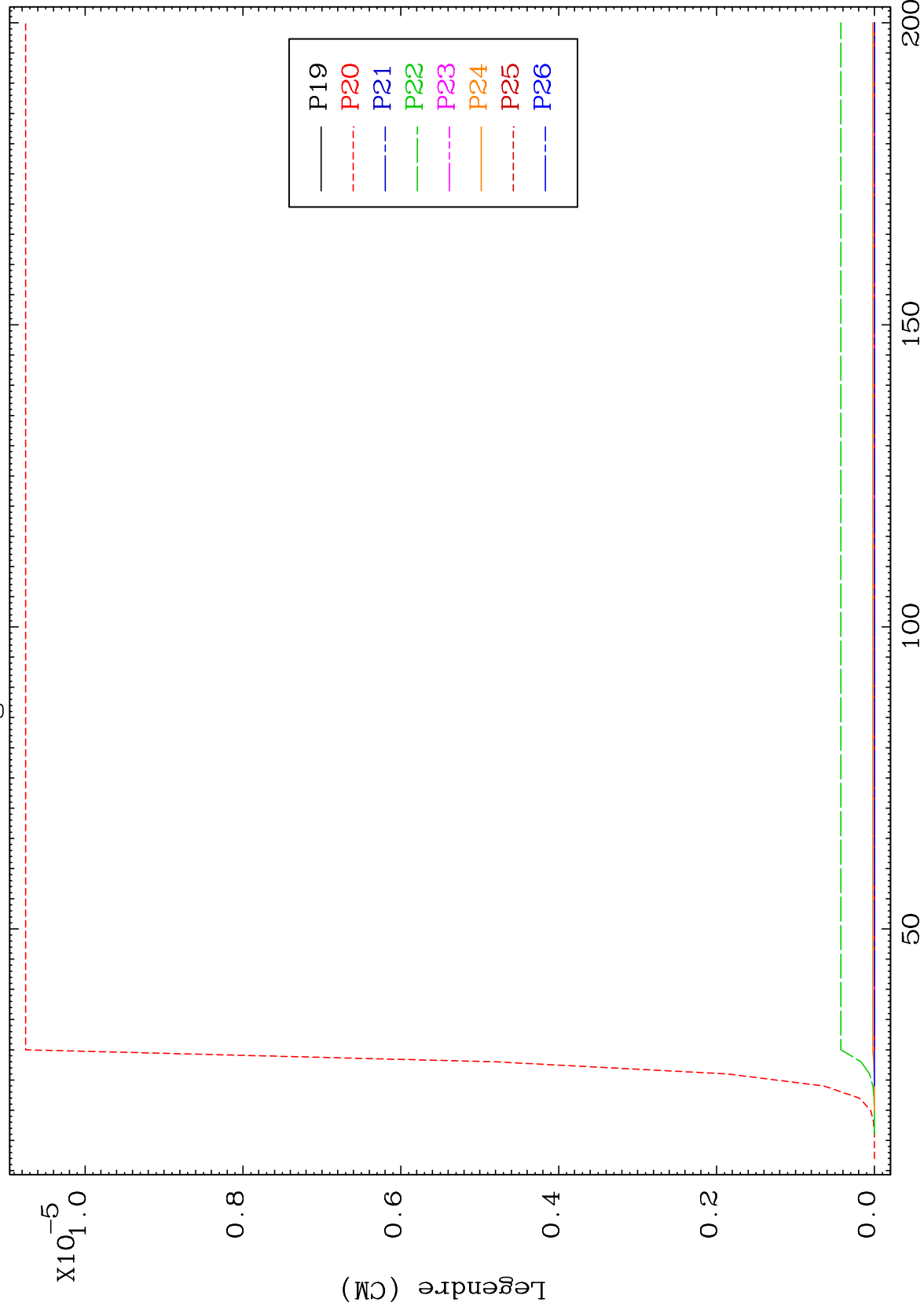
66-Dy-144



MAT 6589

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

66-Dy-144



66-Dy-144

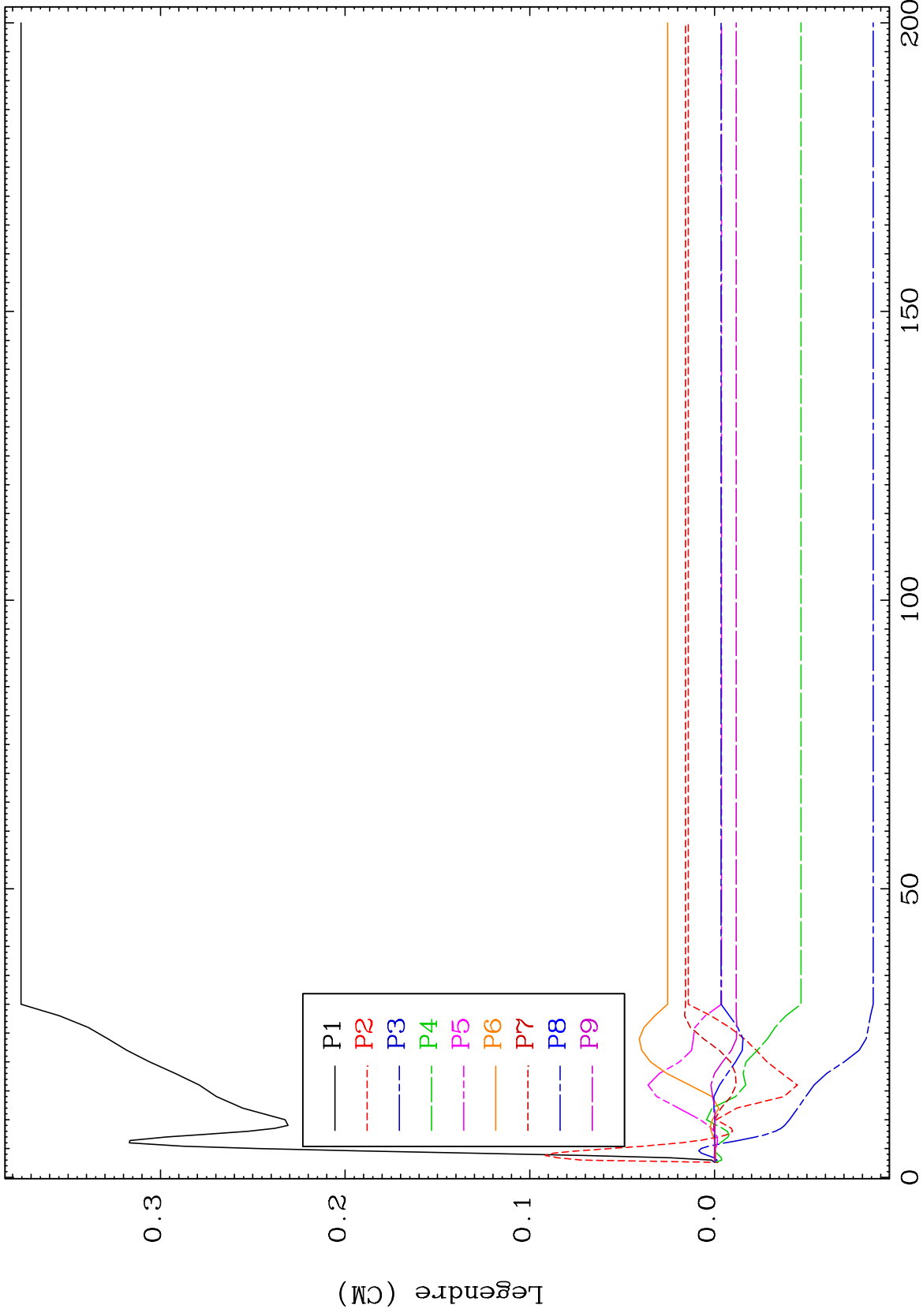
Incident Energy (MeV)

39

MAT 6589

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

66-Dy-144



40

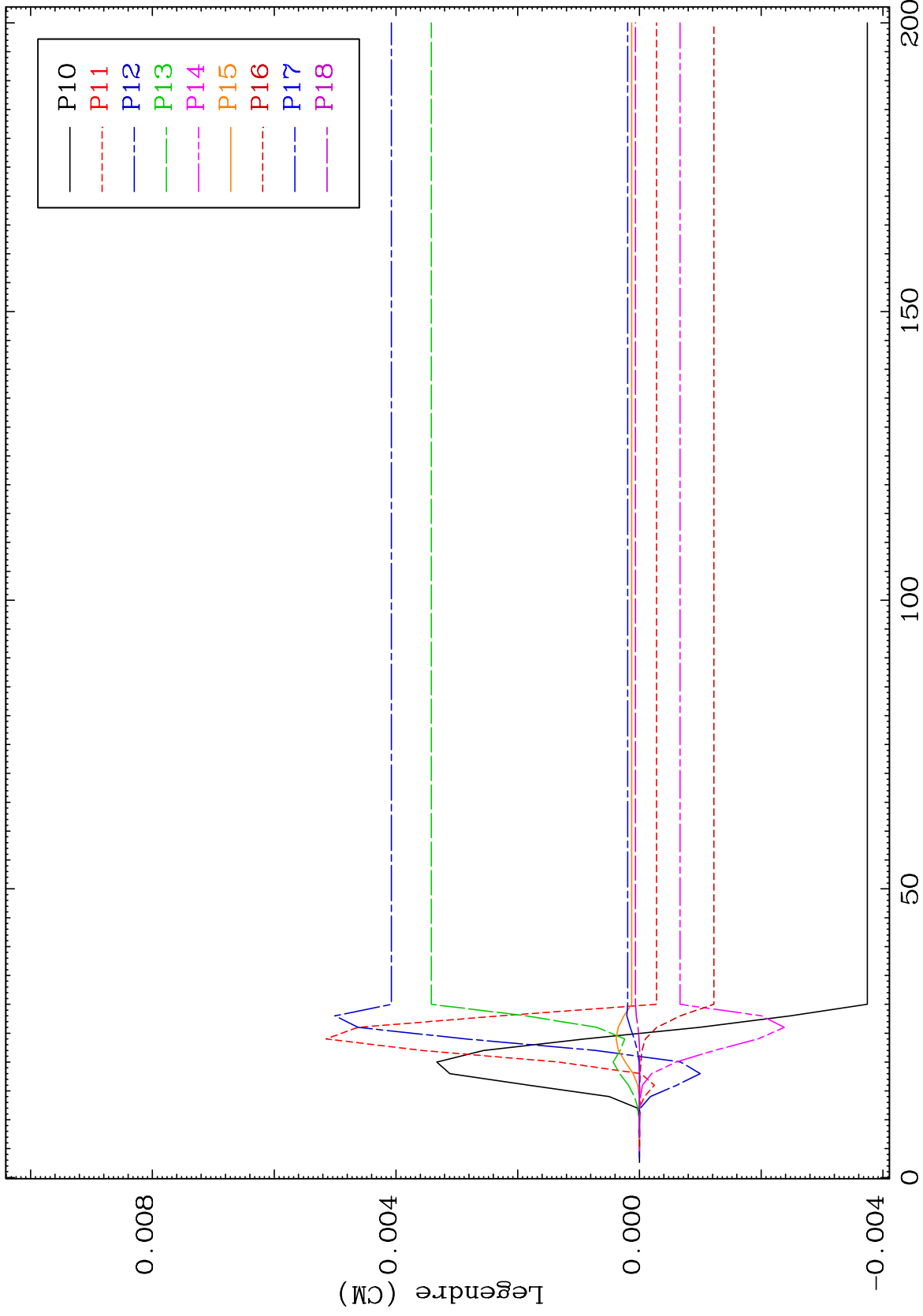
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



41

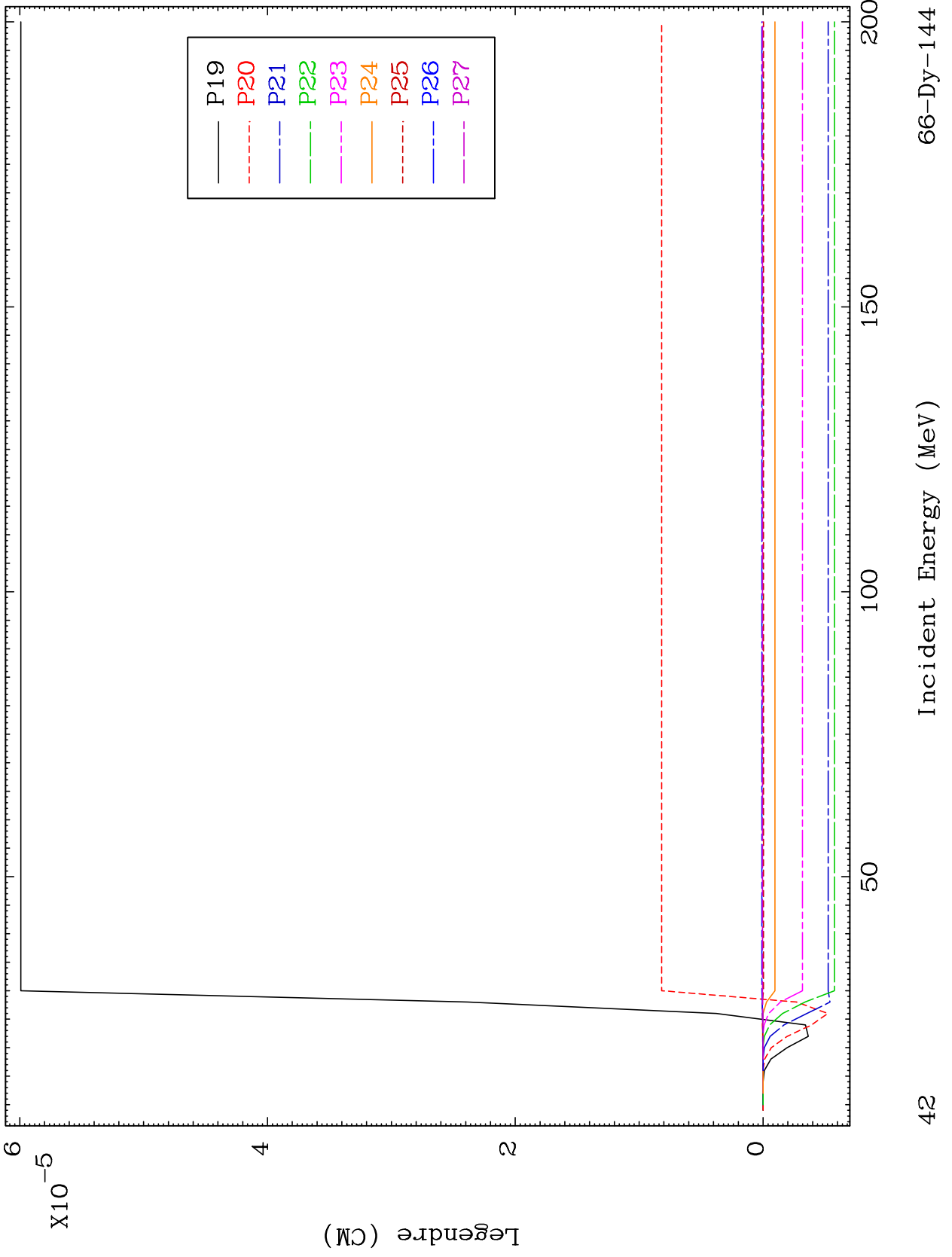
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144

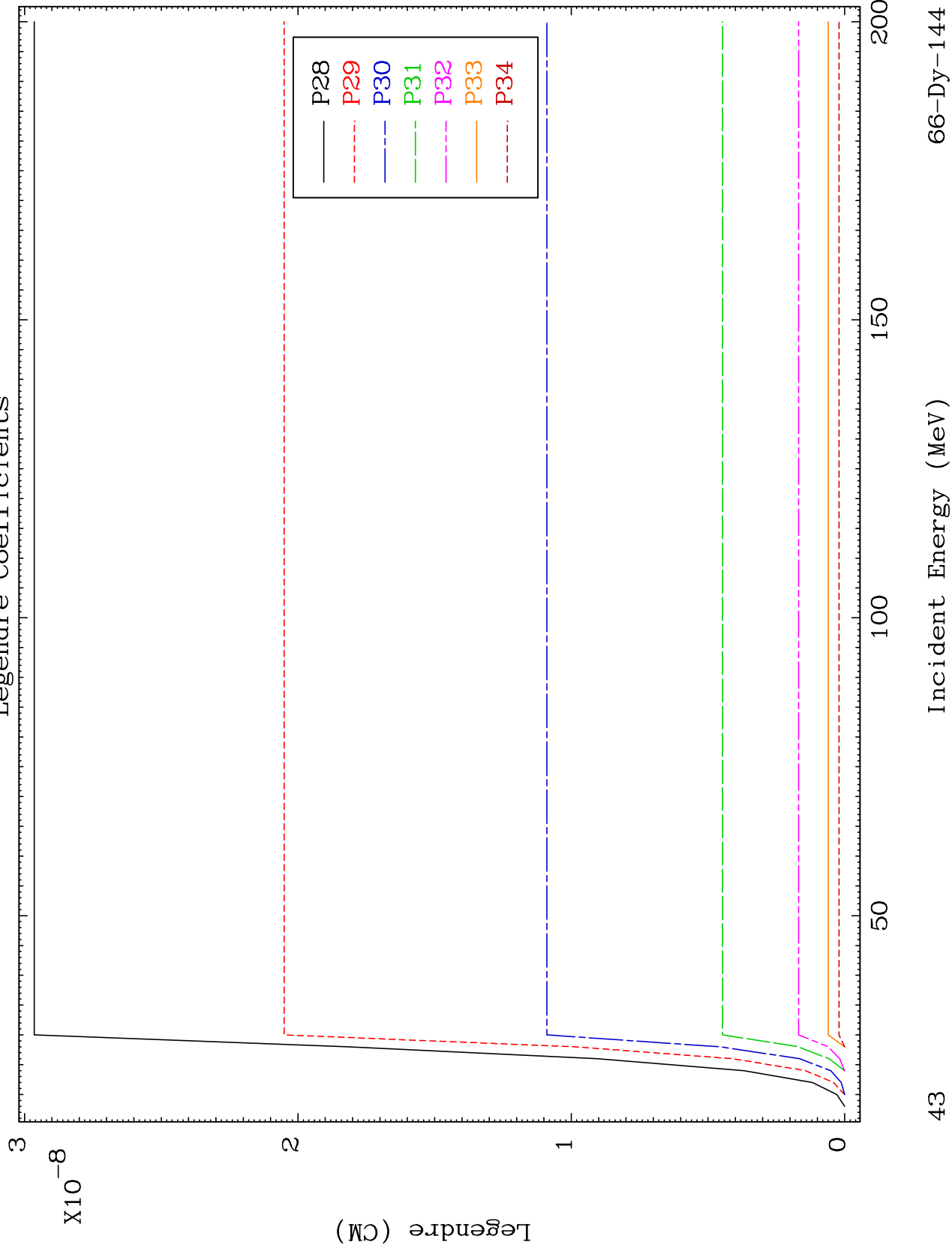


42

MAT 6589

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

66-Dy-144



43

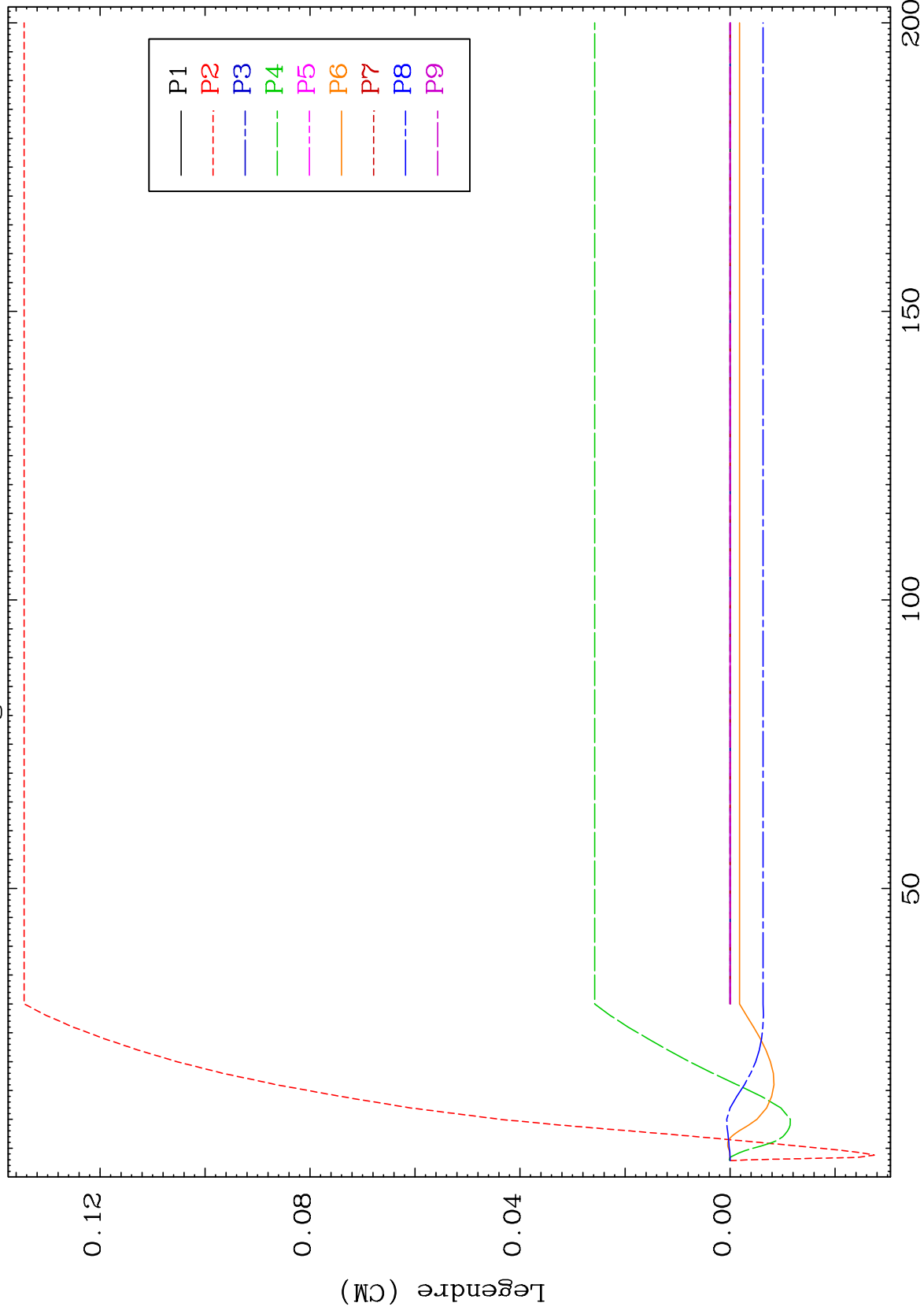
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



44

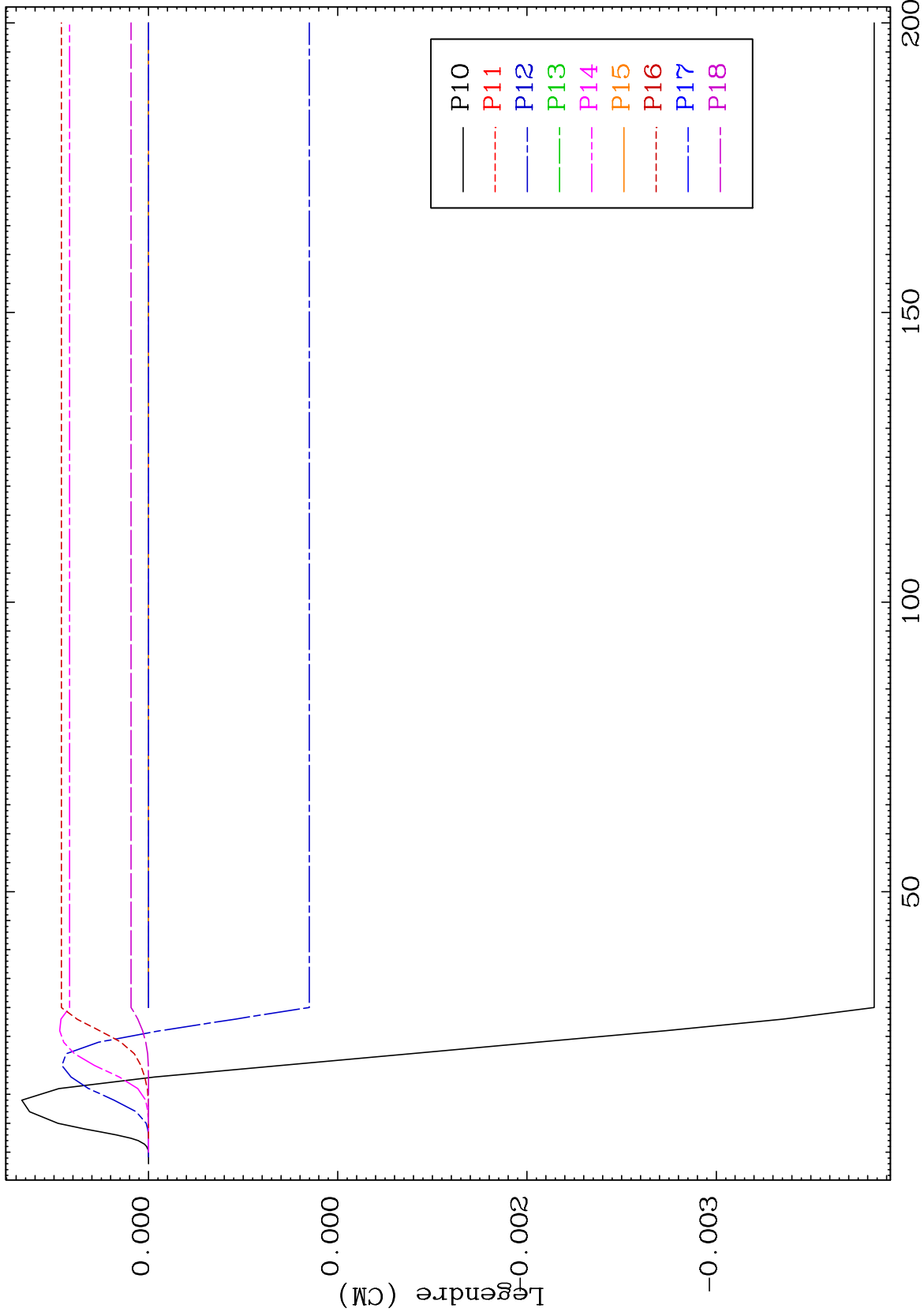
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



45

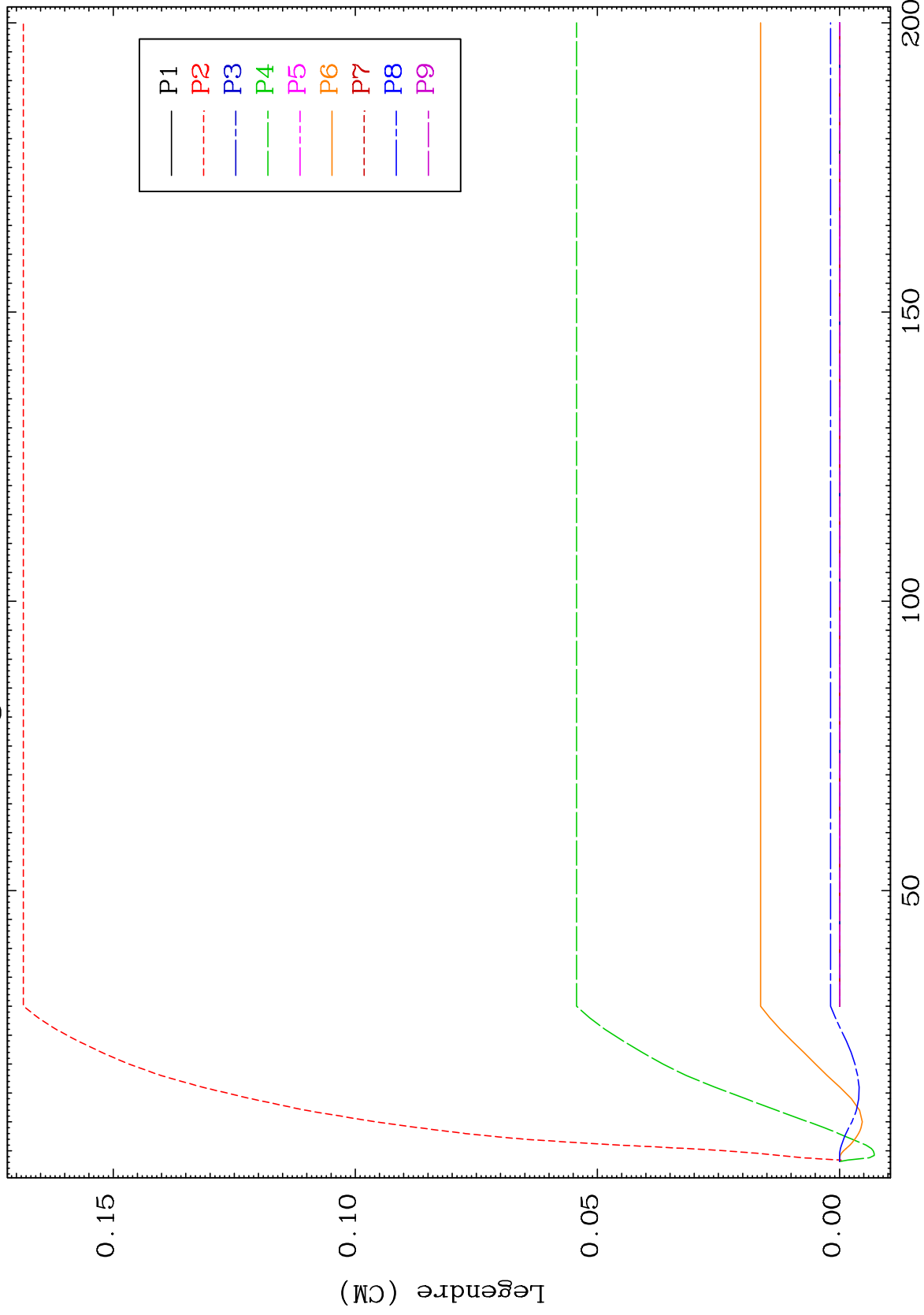
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



47

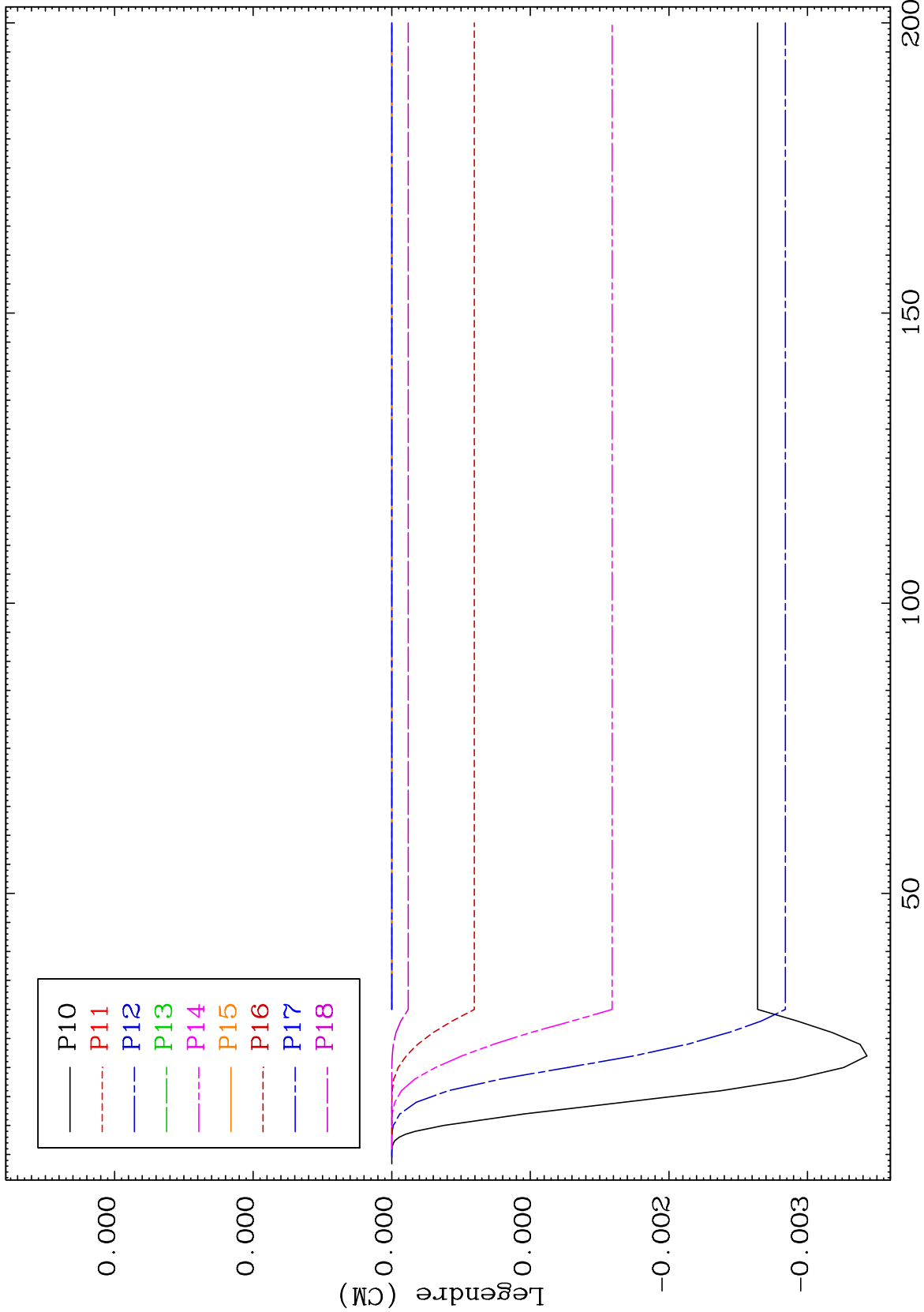
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

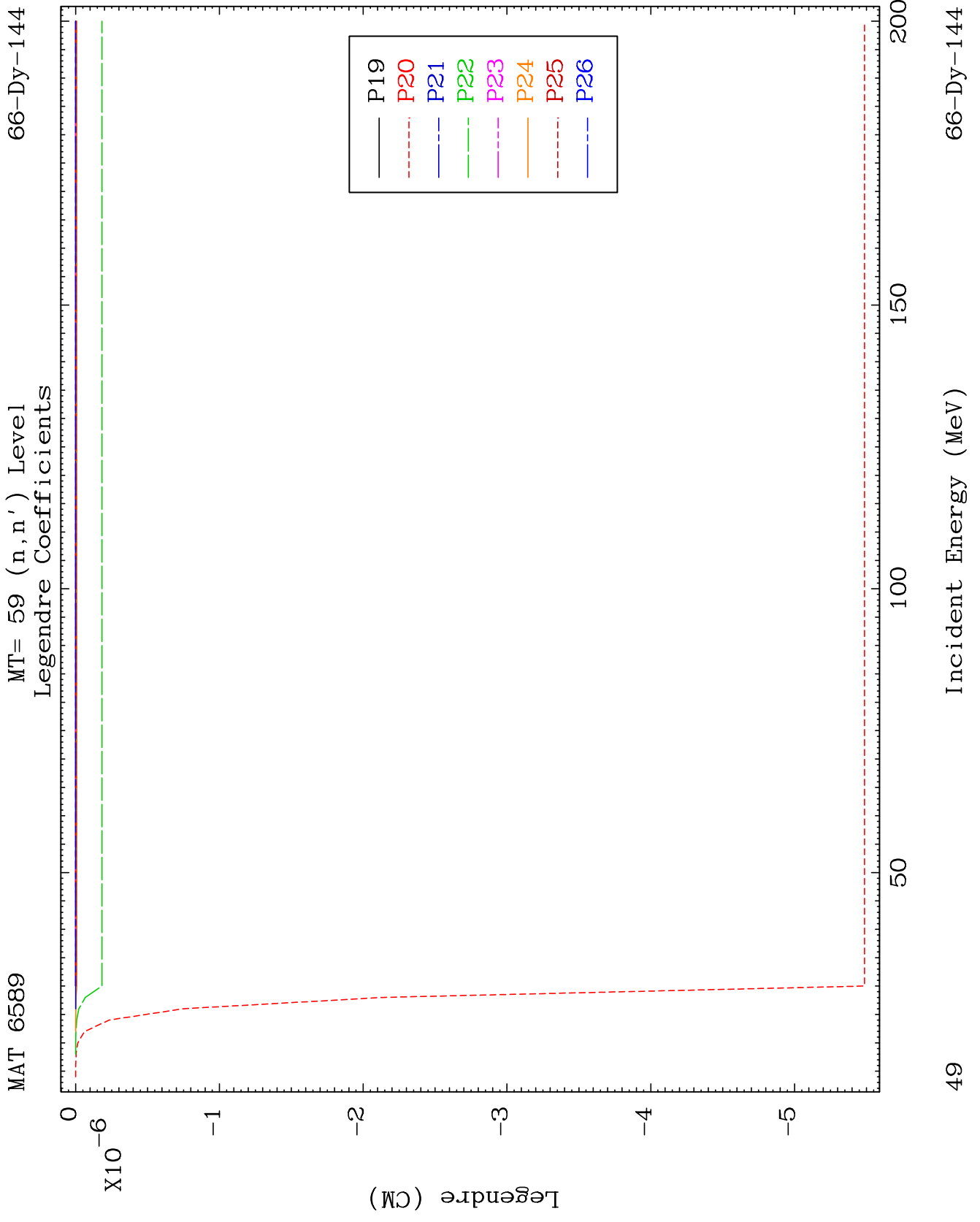
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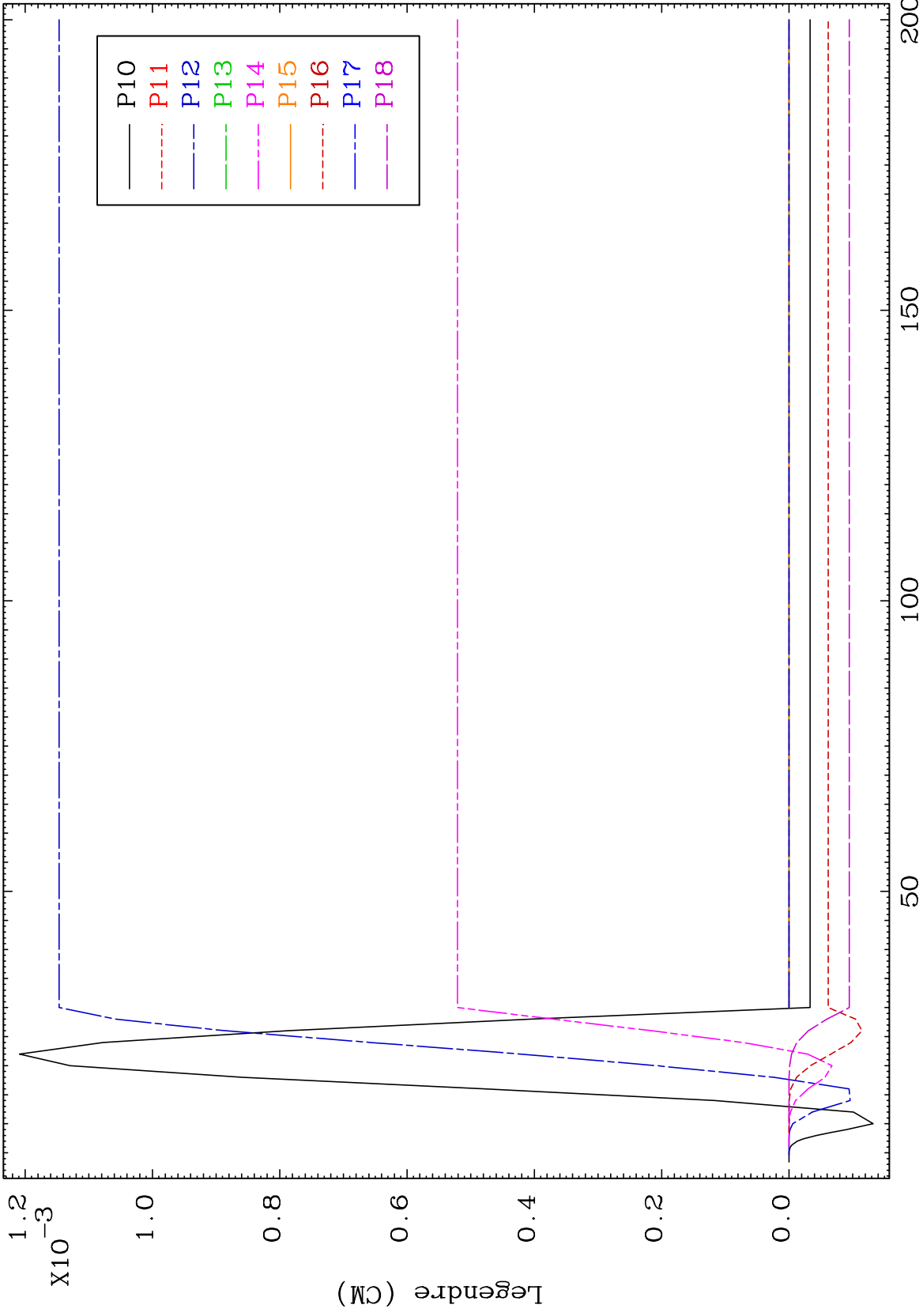


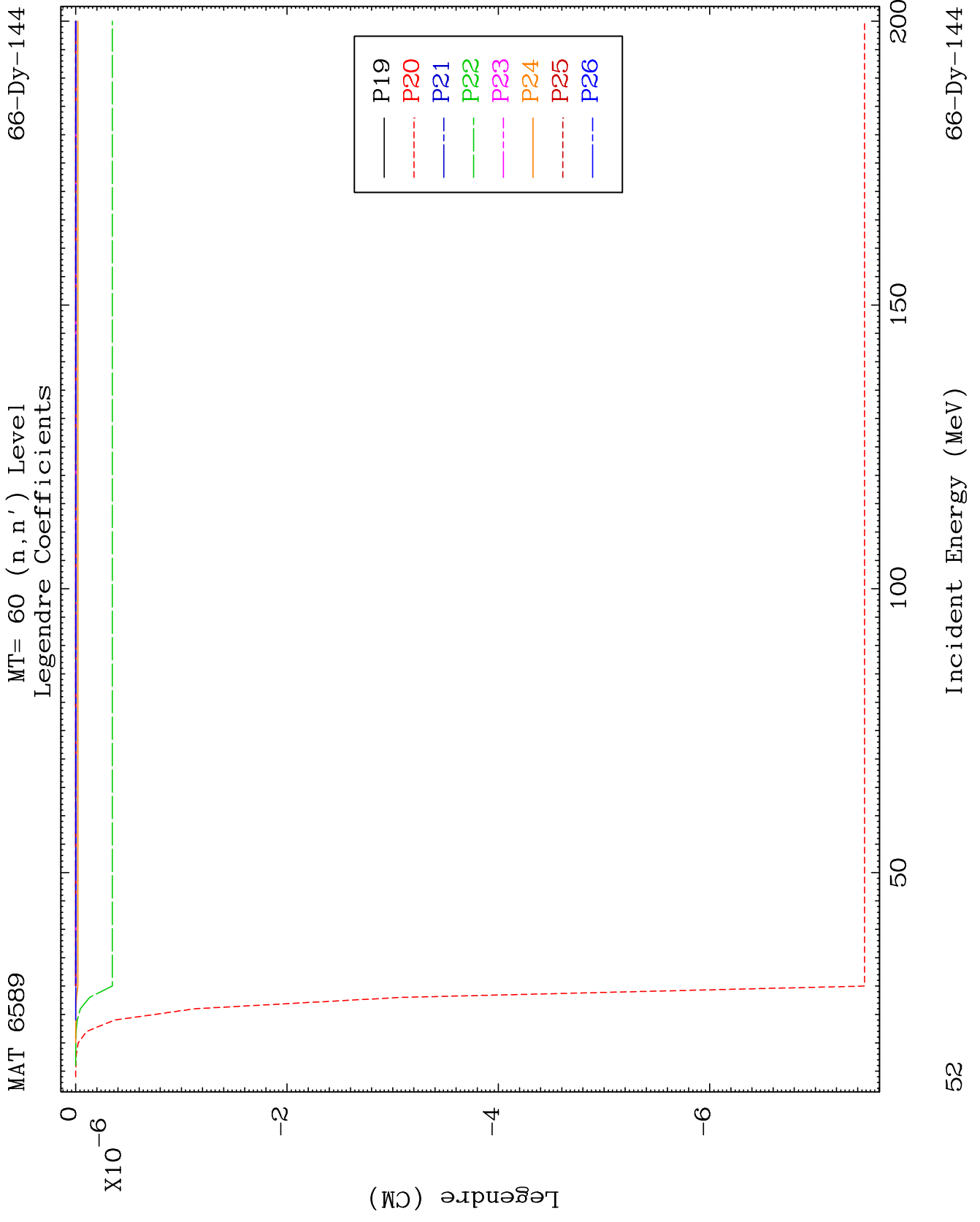
48

Incident Energy (MeV)

66-Dy-144



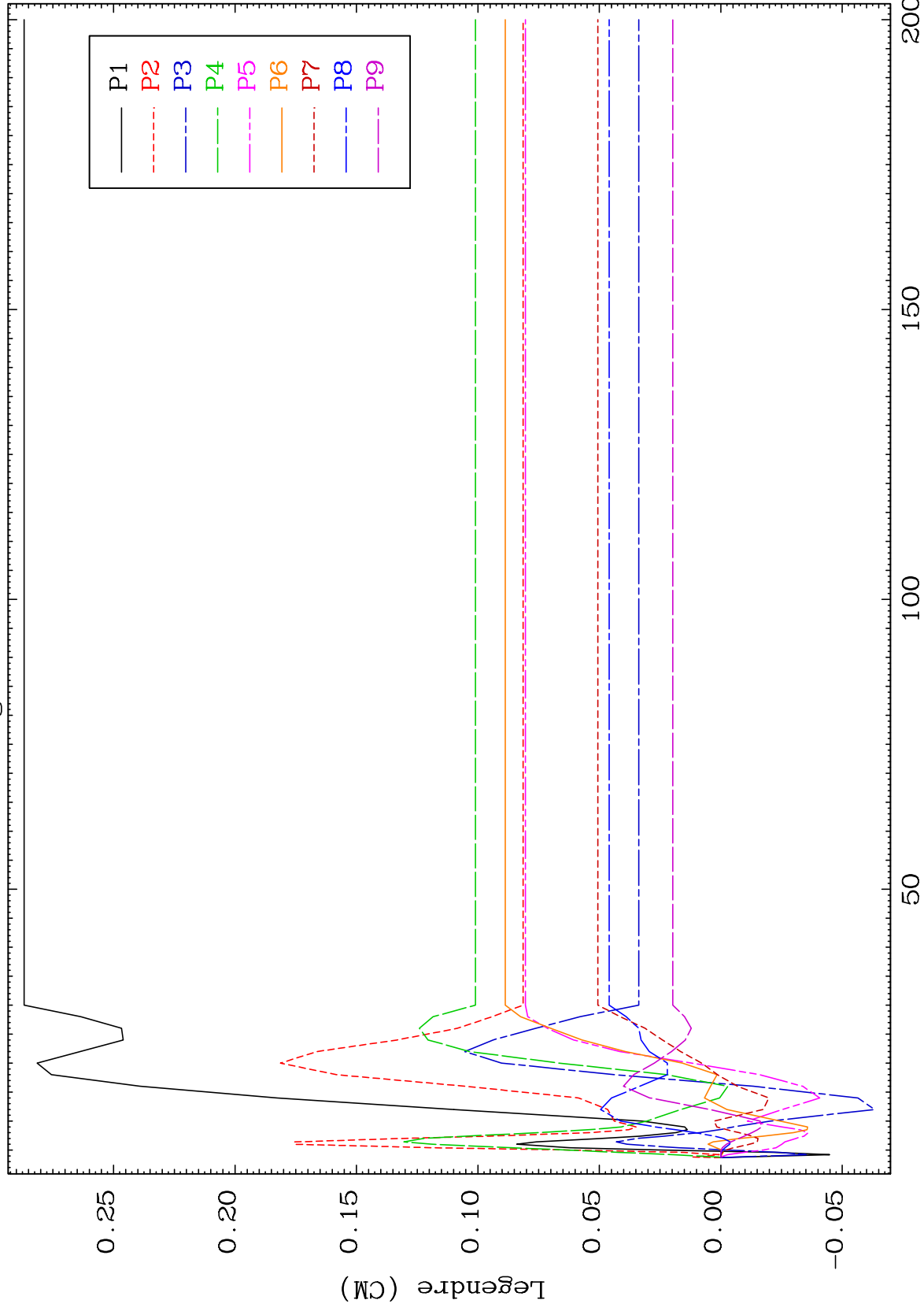




MAT 6589

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

66-Dy-144



53

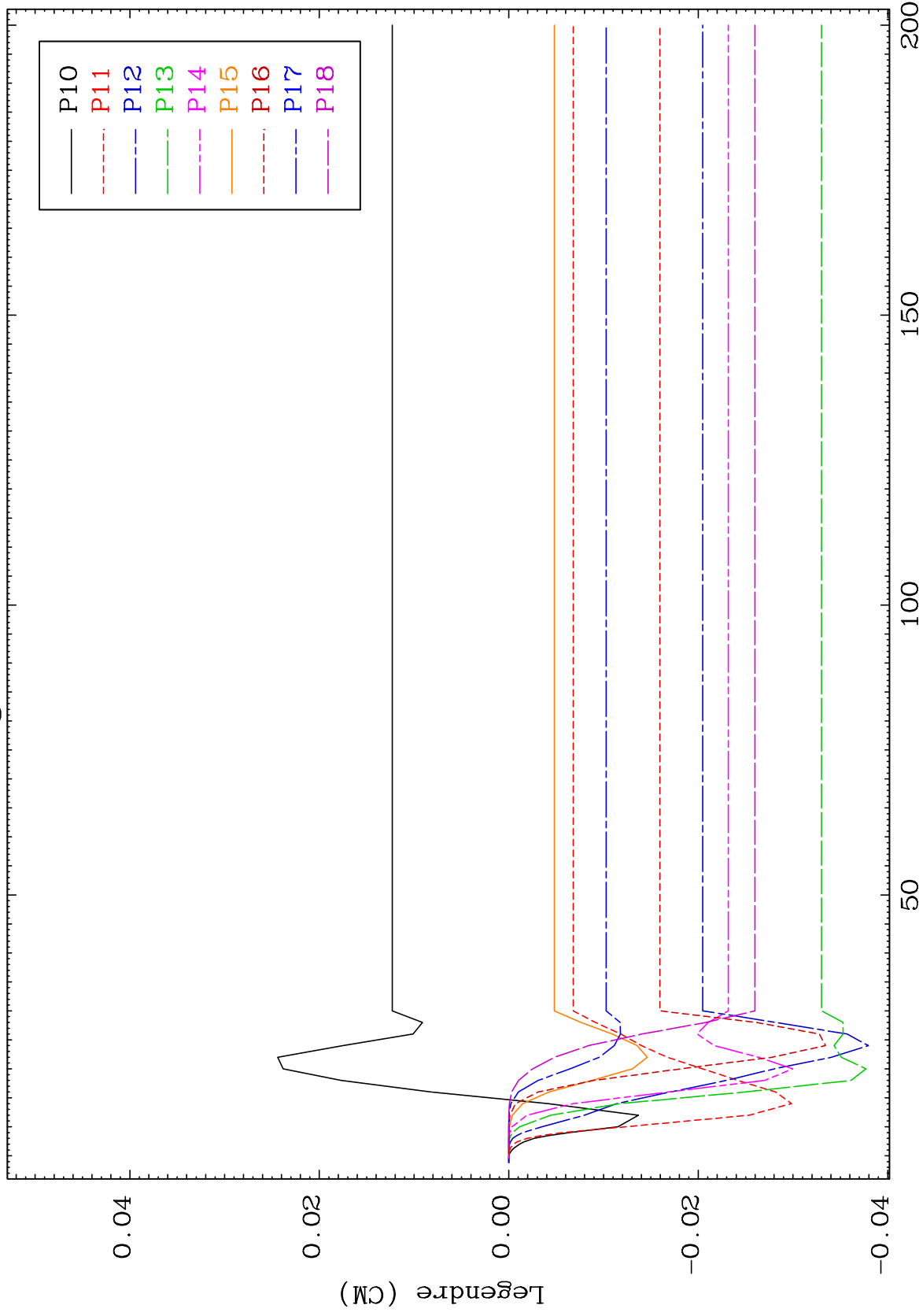
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

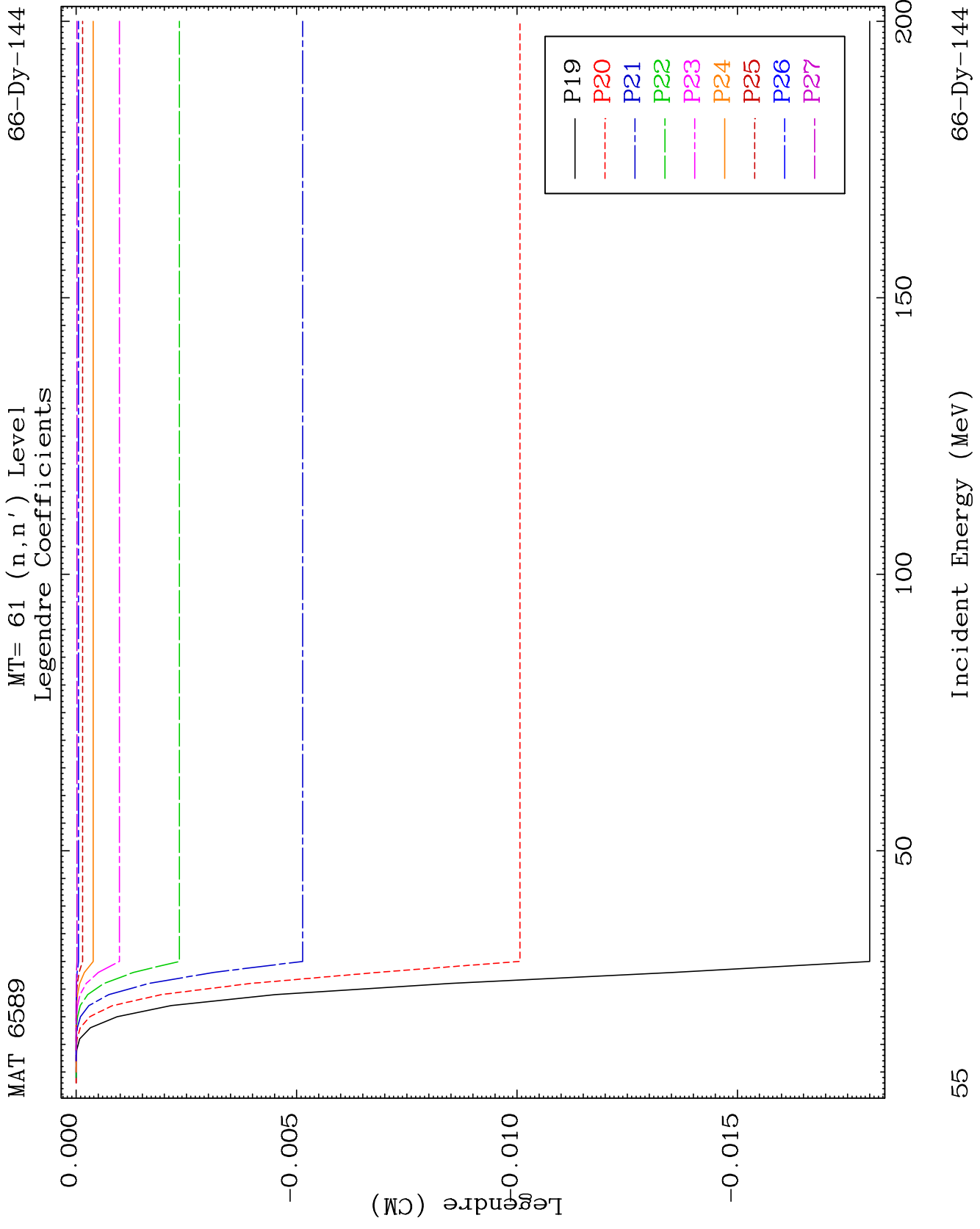
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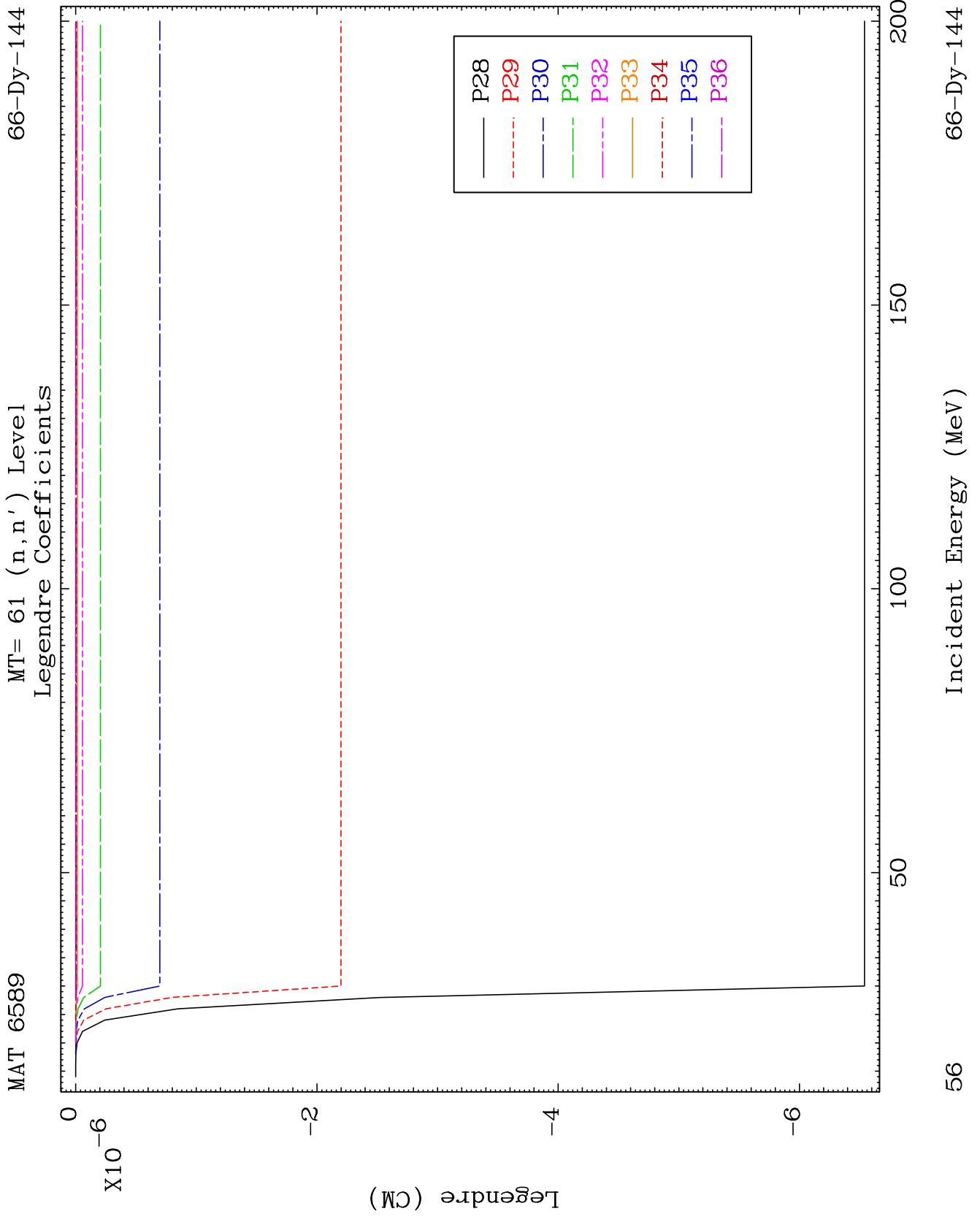


54

Incident Energy (MeV)

66-Dy-144

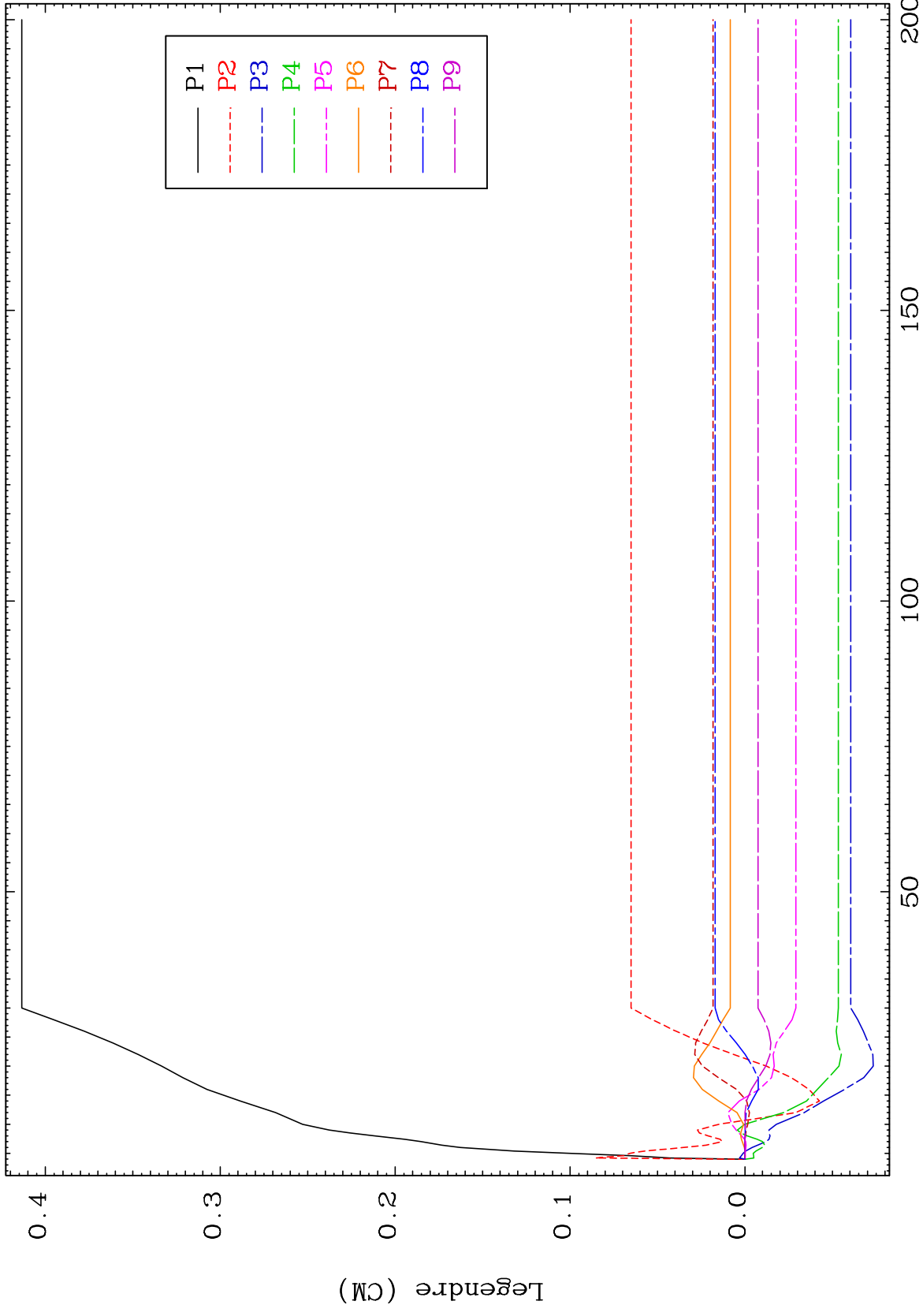




MAT 6589

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

66-Dy-144



57

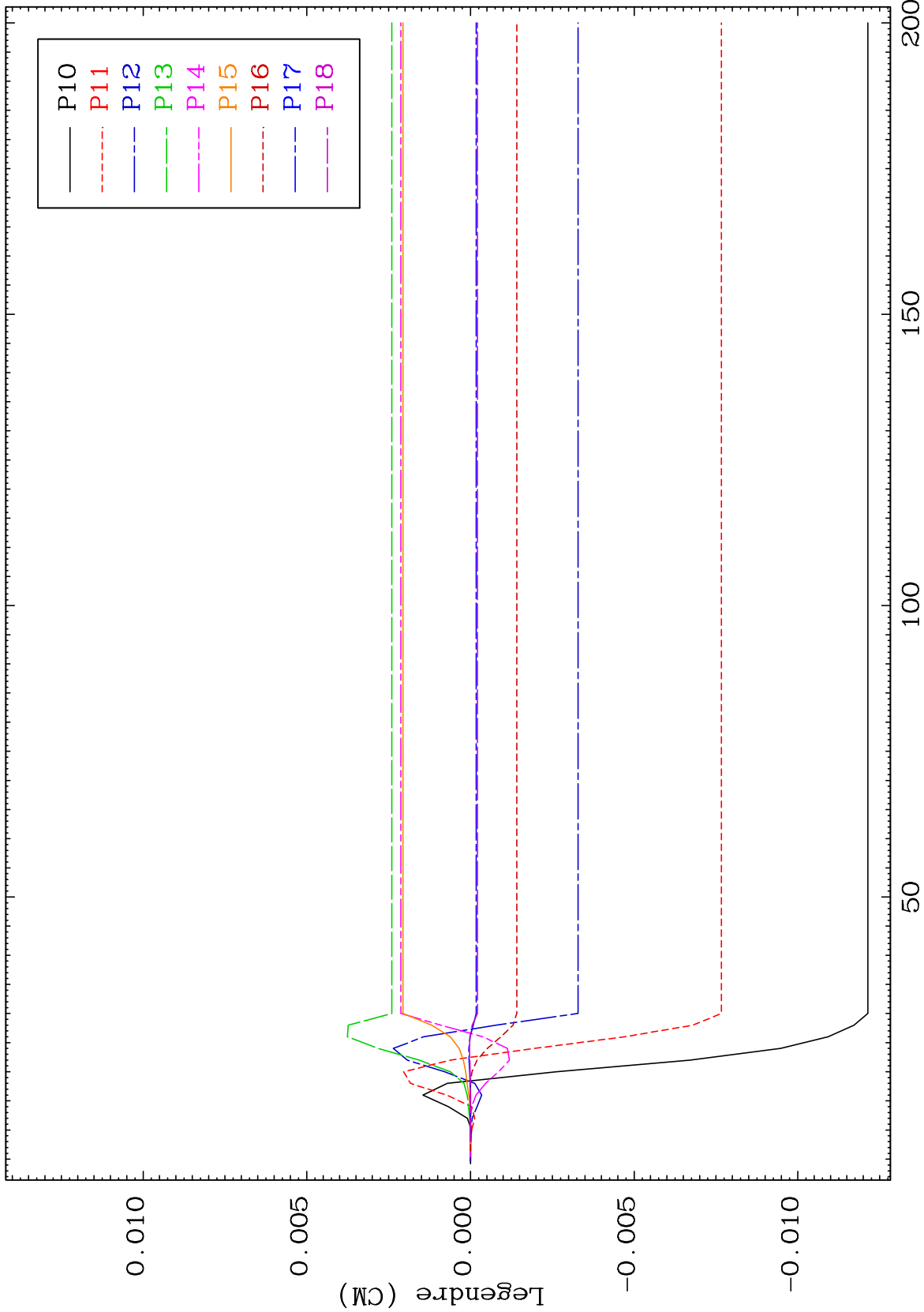
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



58

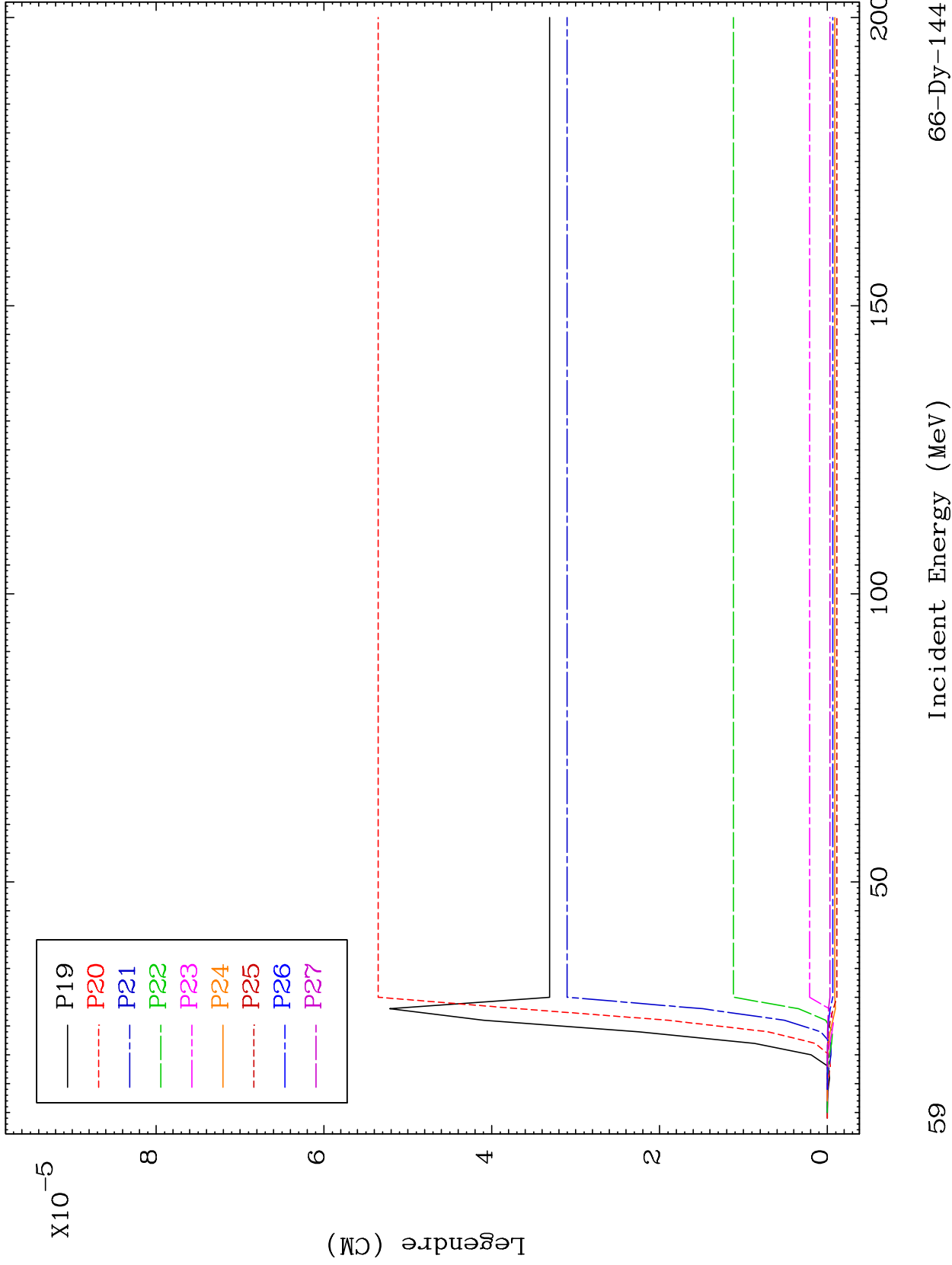
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

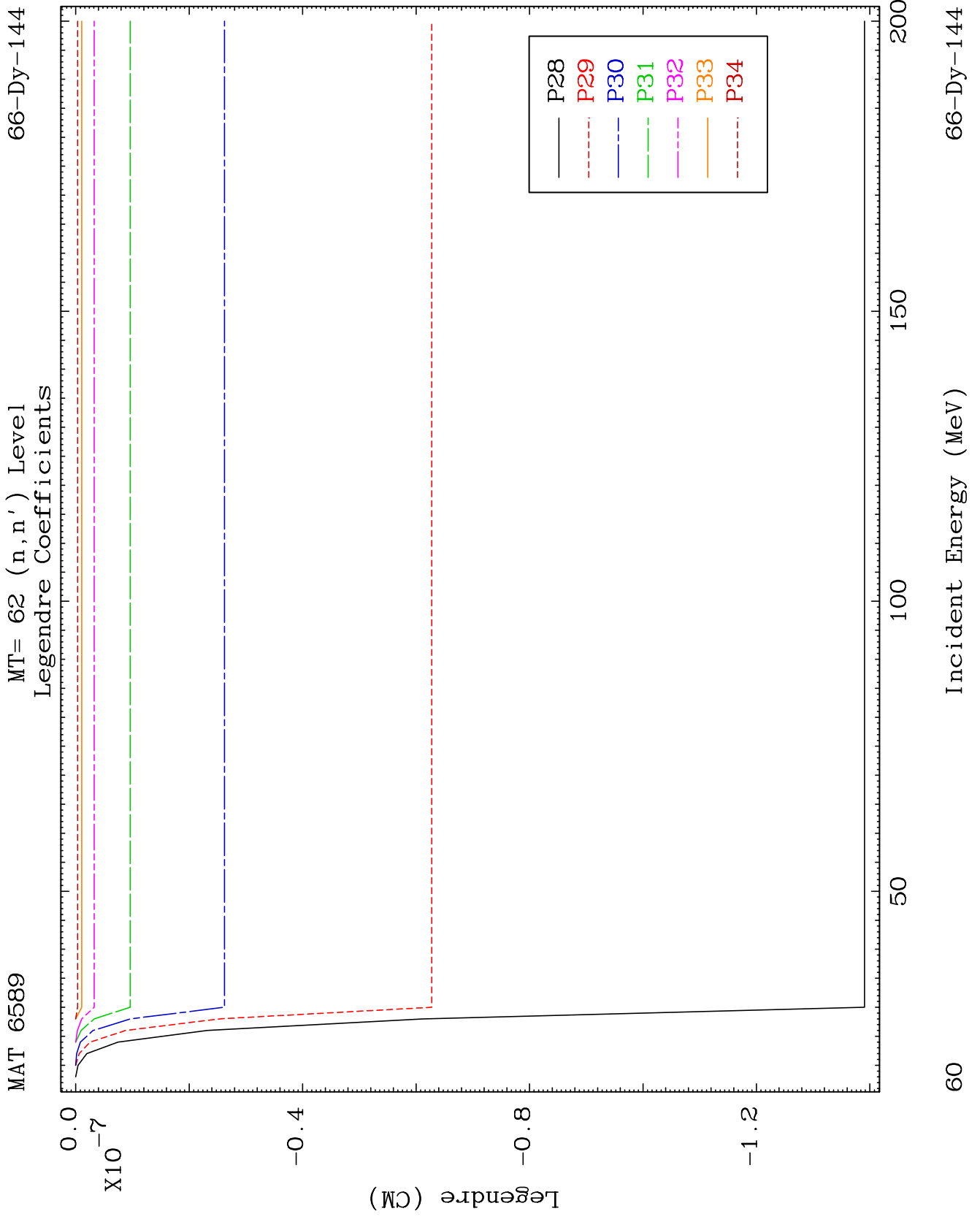
66-Dy-144



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Incident Energy (MeV)

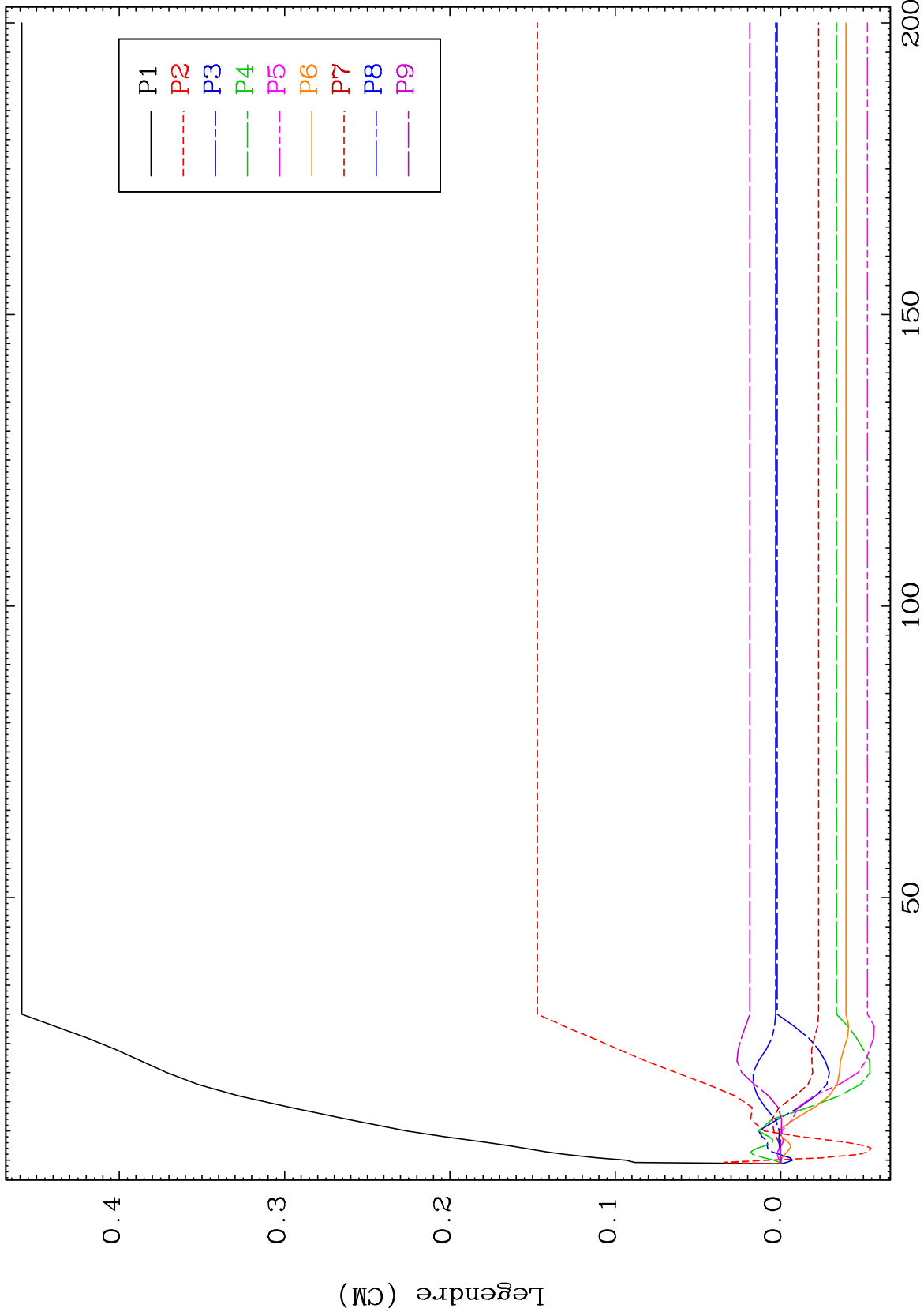
66-Dy-144



MAT 6589

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

66-Dy-144



61

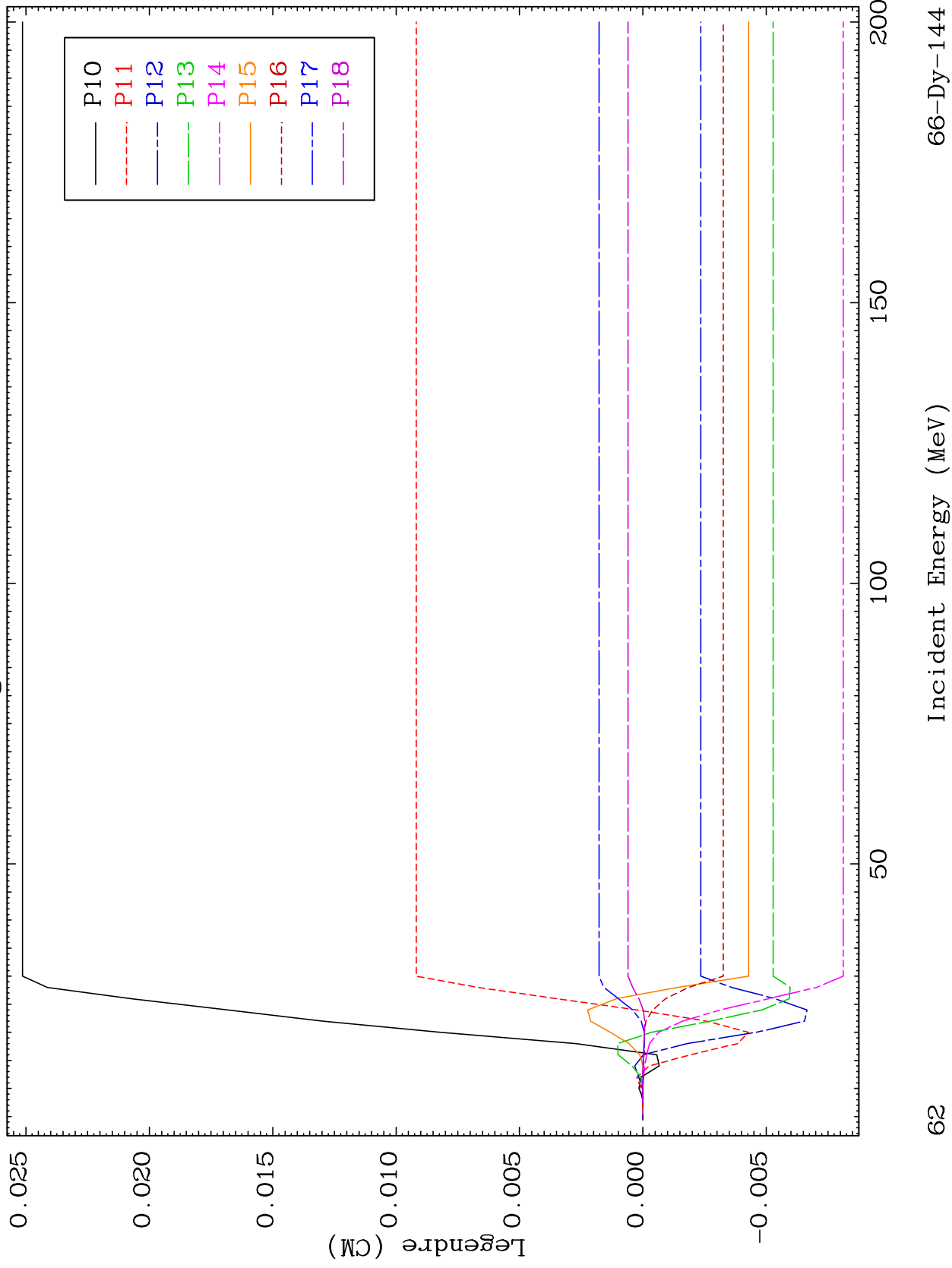
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



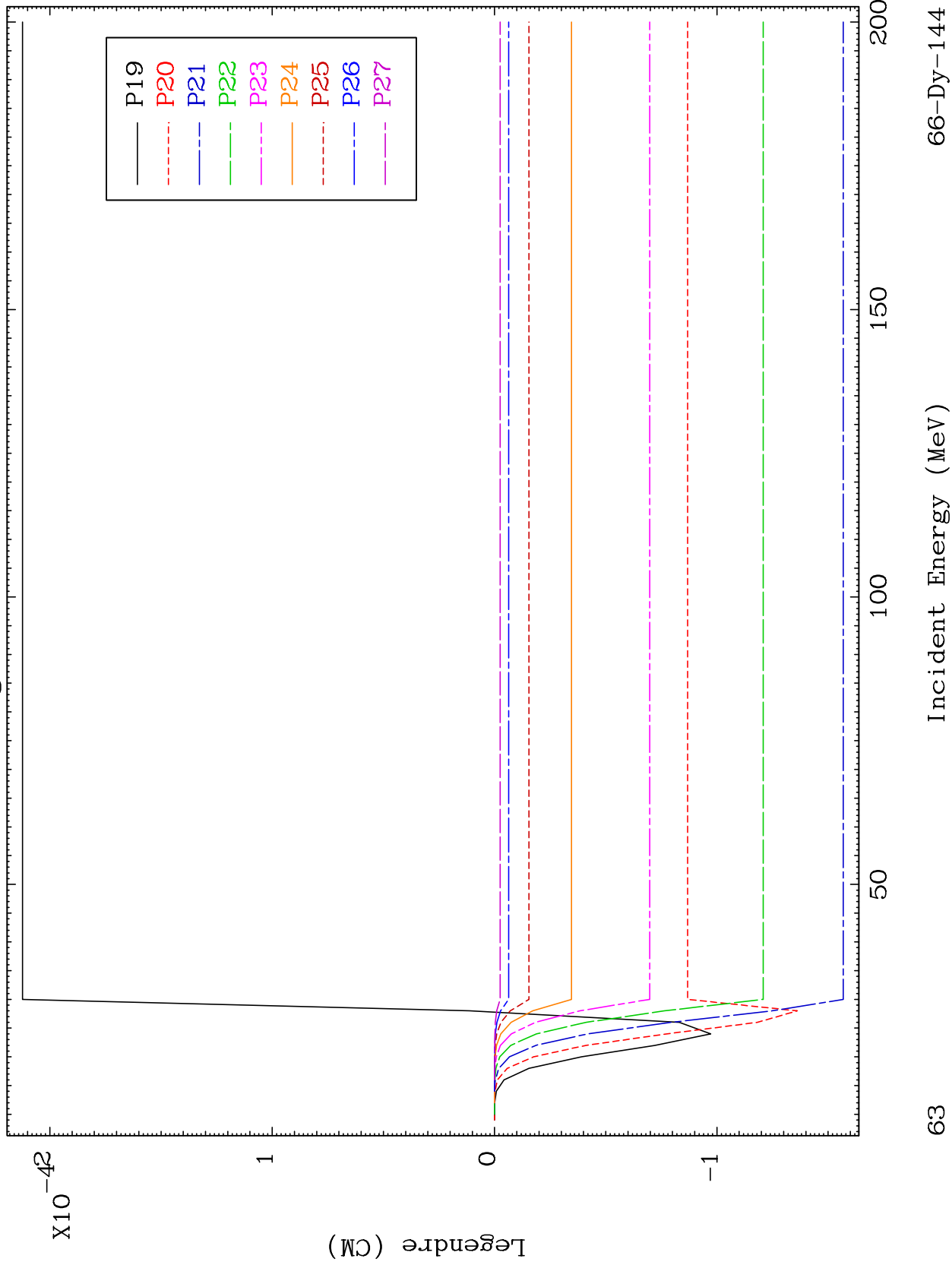
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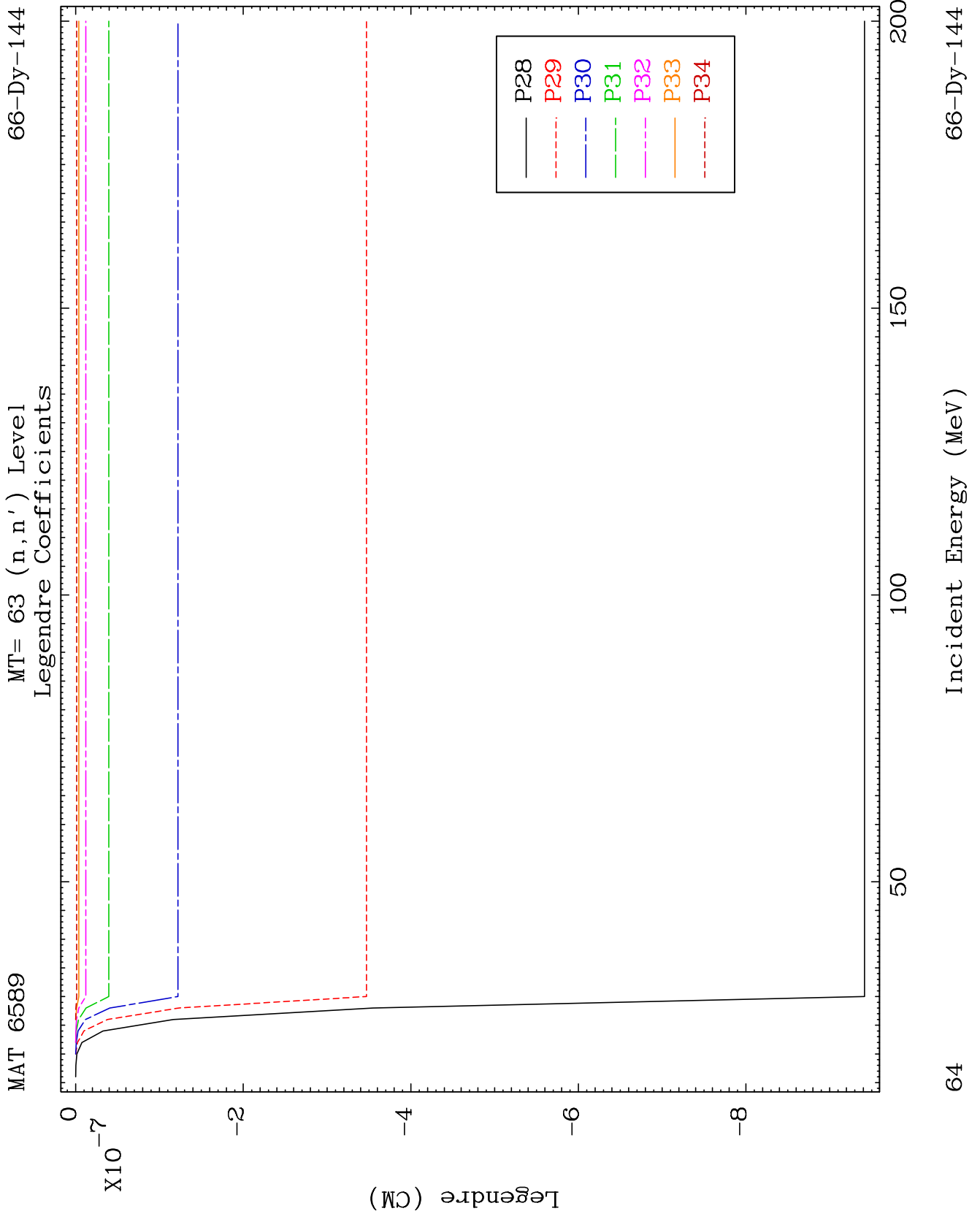
66-Dy-144

MAT 6589

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

66-Dy-144

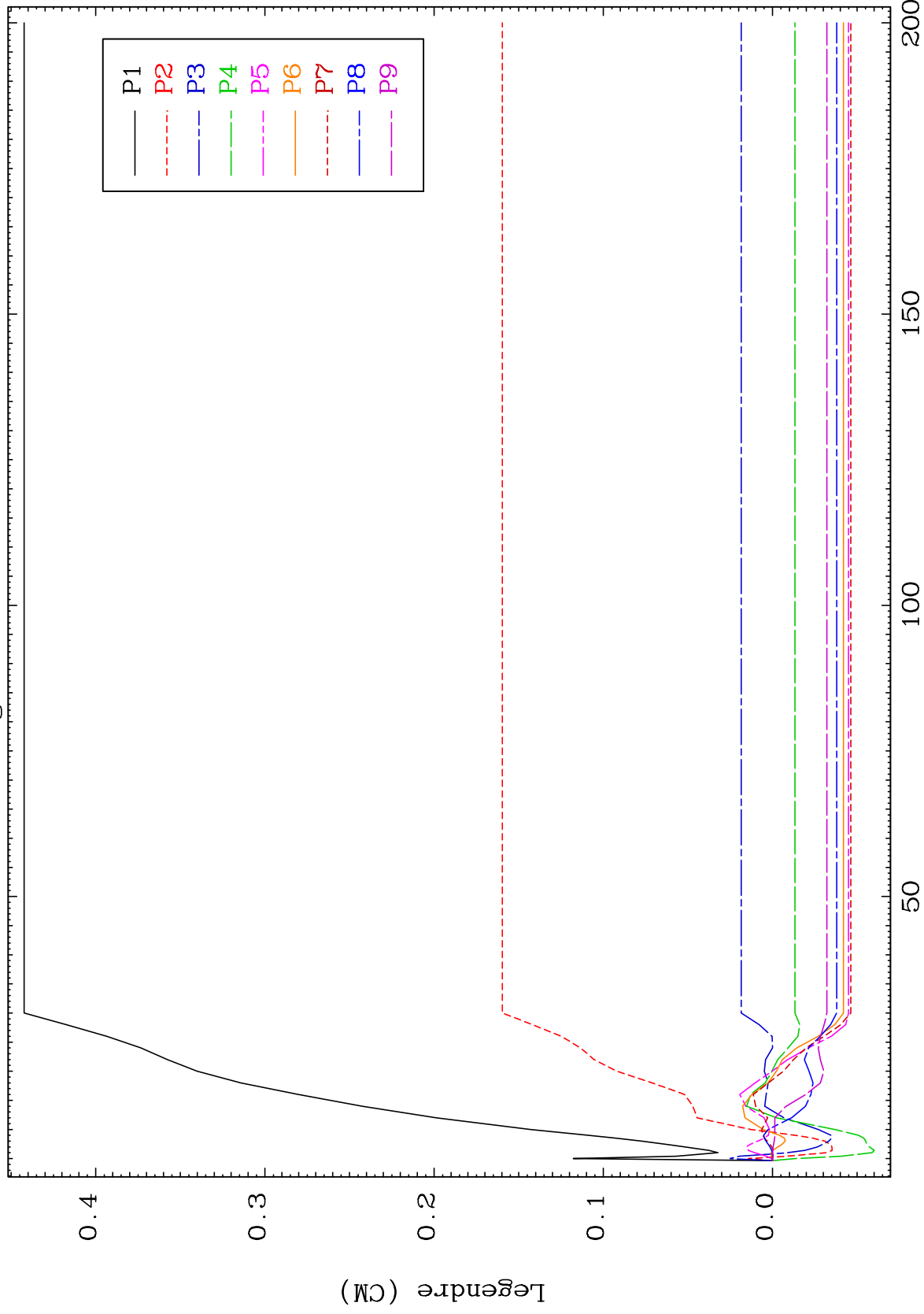




MAT 6589

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

66-Dy-144



65

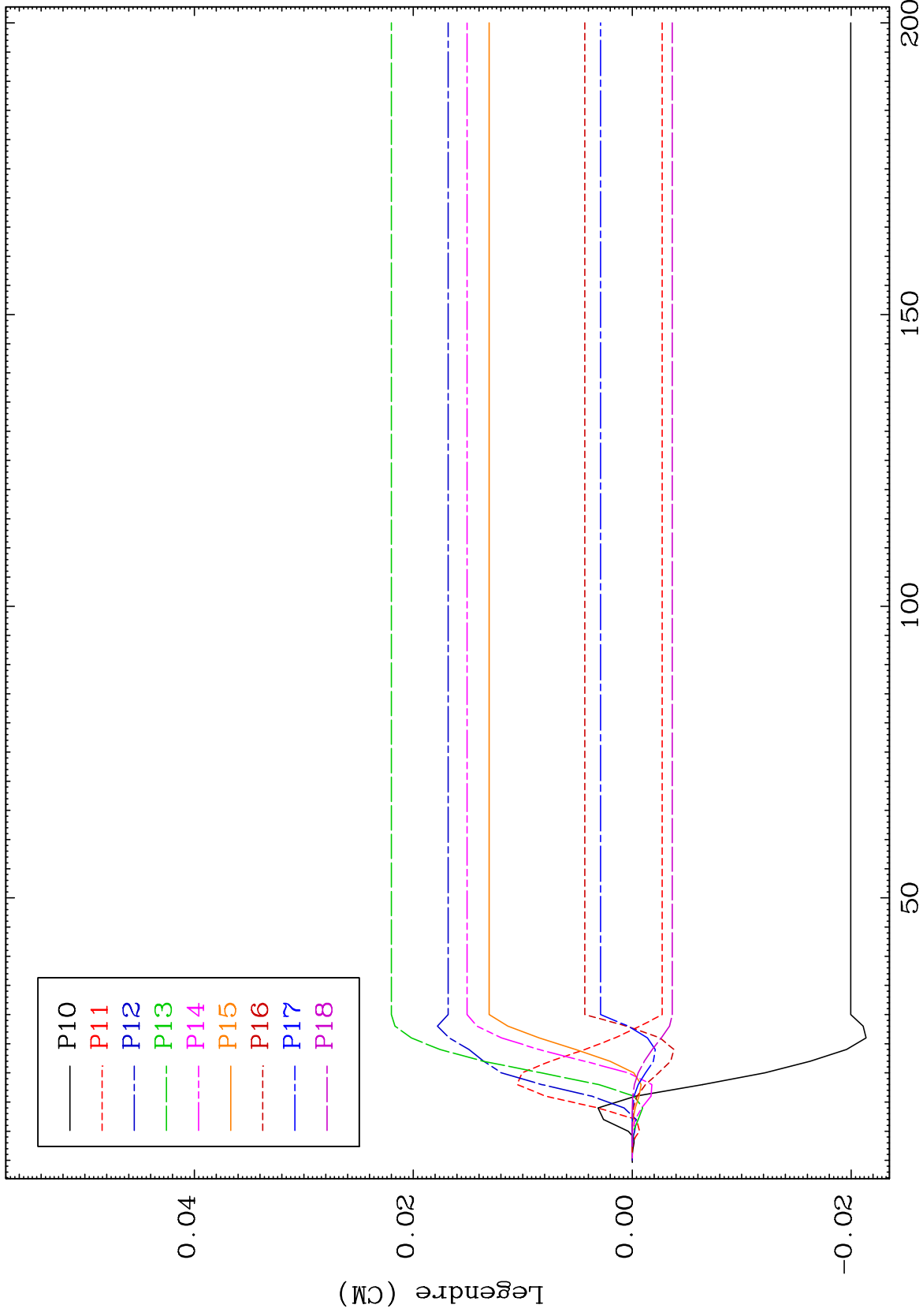
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



66

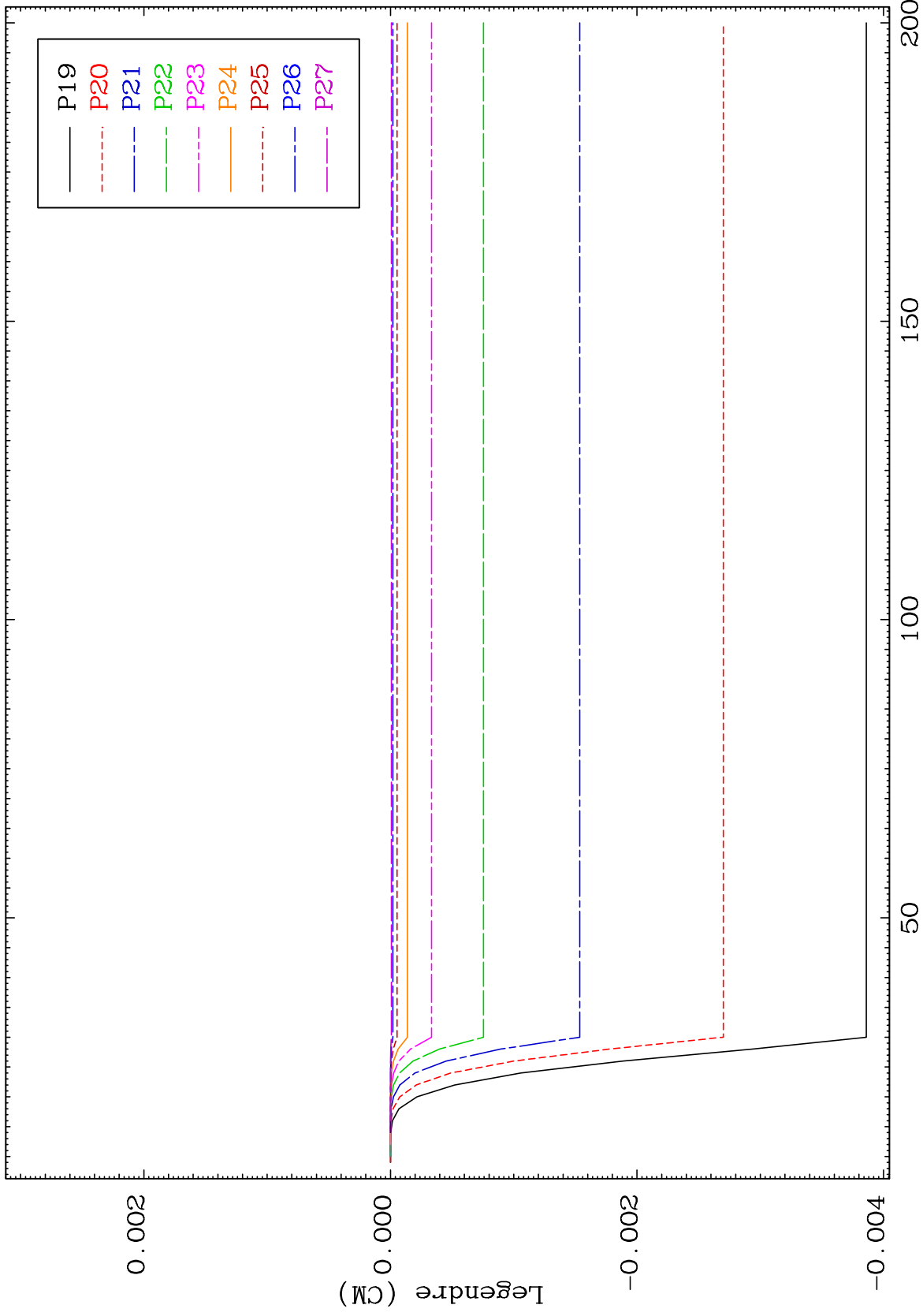
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

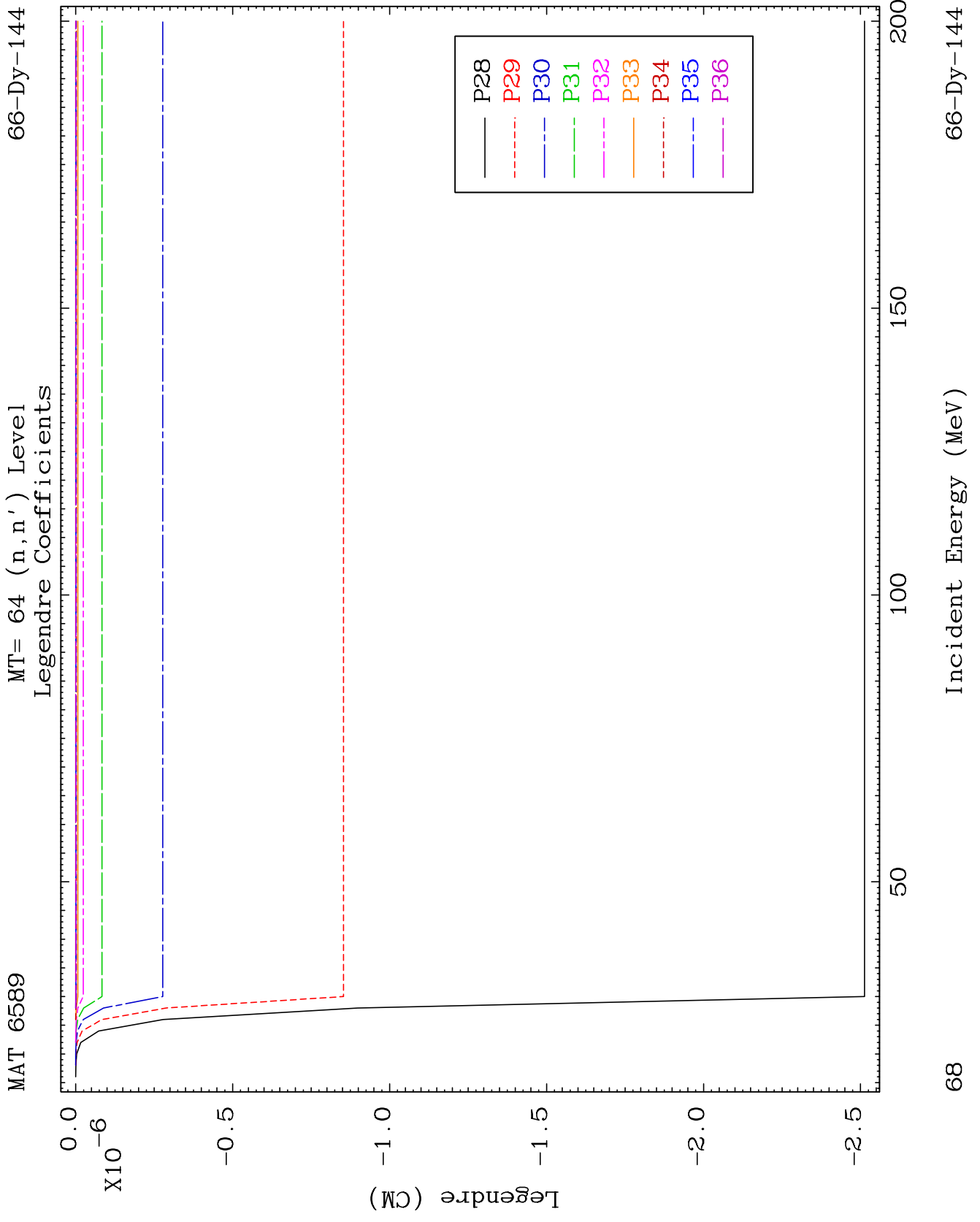
66-Dy-144



67

Incident Energy (MeV)

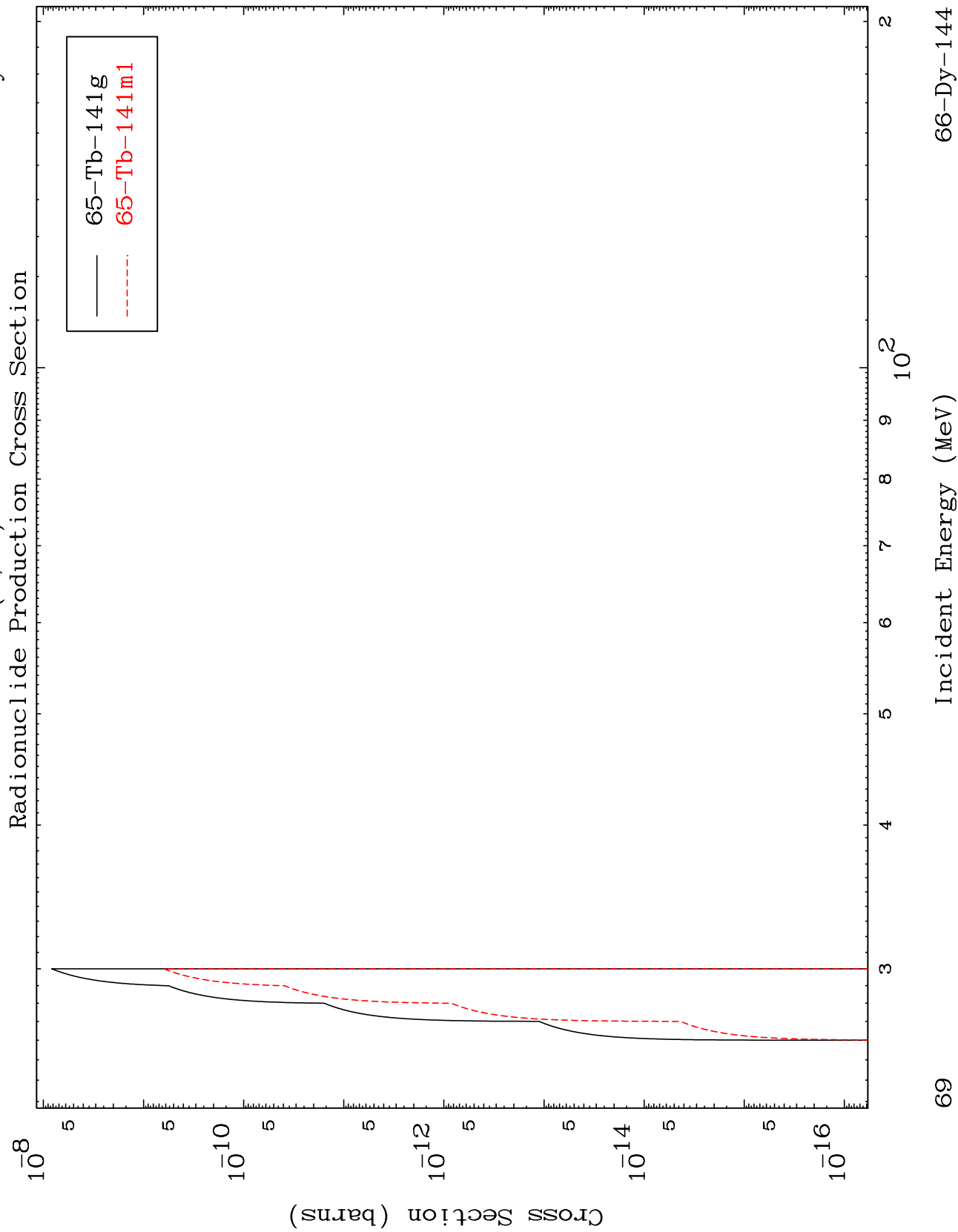
66-Dy-144



MAT 6589

(n,2n) d

66-Dy-144



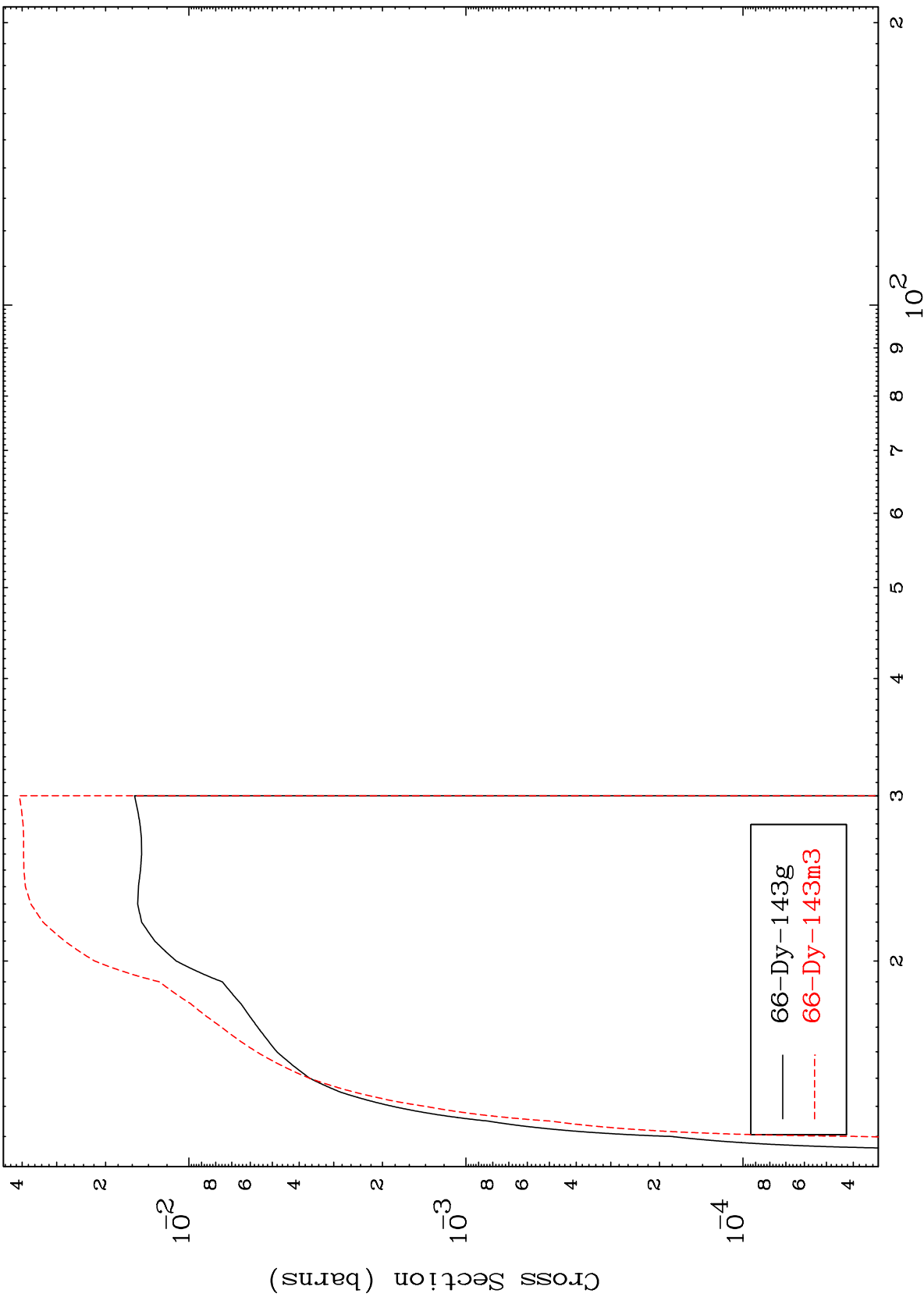
69

66-Dy-144

MAT 6589

66-Dy-144

(n,2n)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

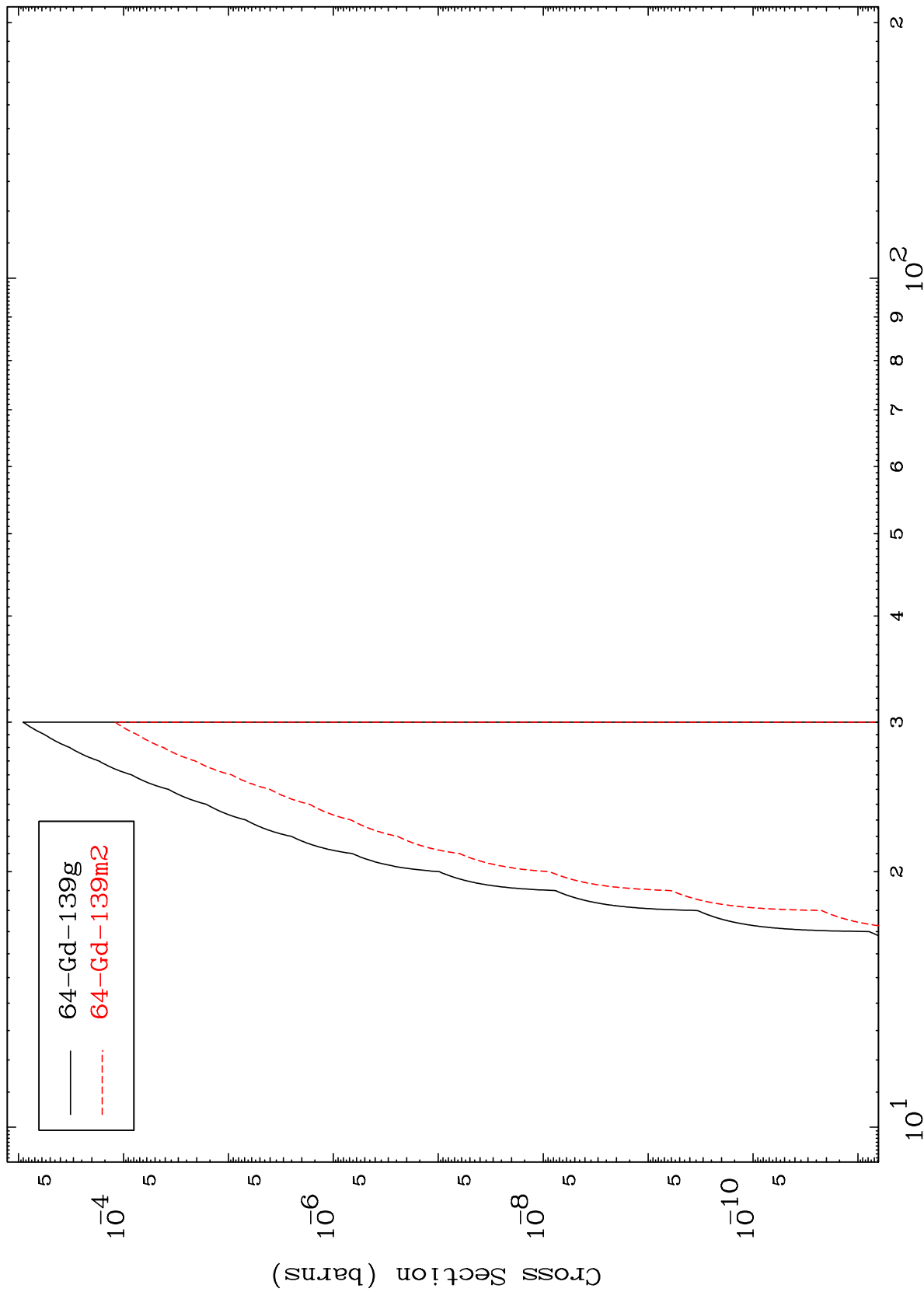
66-Dy-144

MAT 6589

(n,2n) α

66-Dy-144

Radionuclide Production Cross Section



71

Incident Energy (MeV)

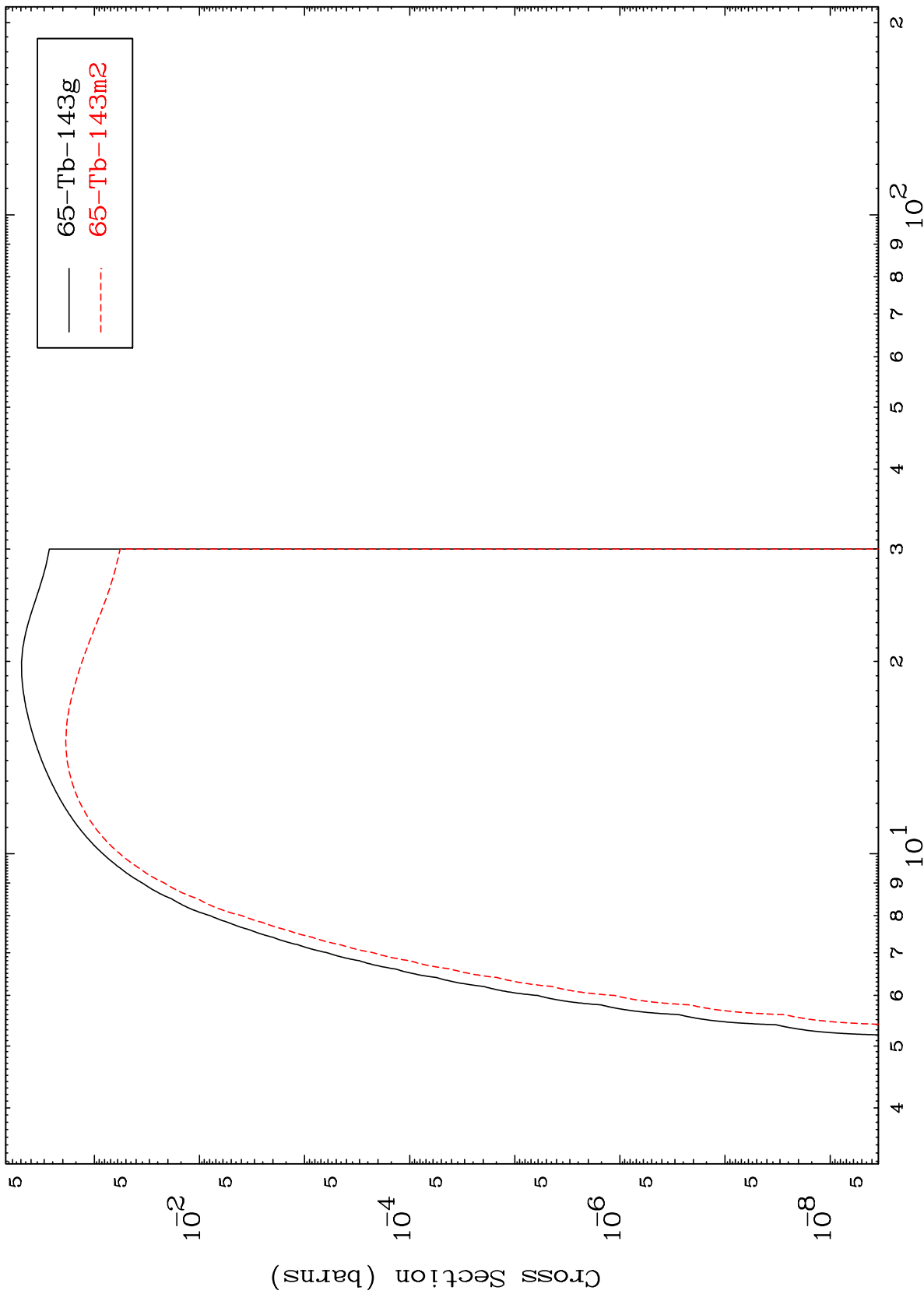
66-Dy-144

MAT 6589

(n,n') p

66-Dy-144

Radionuclide Production Cross Section



72

Incident Energy (MeV)

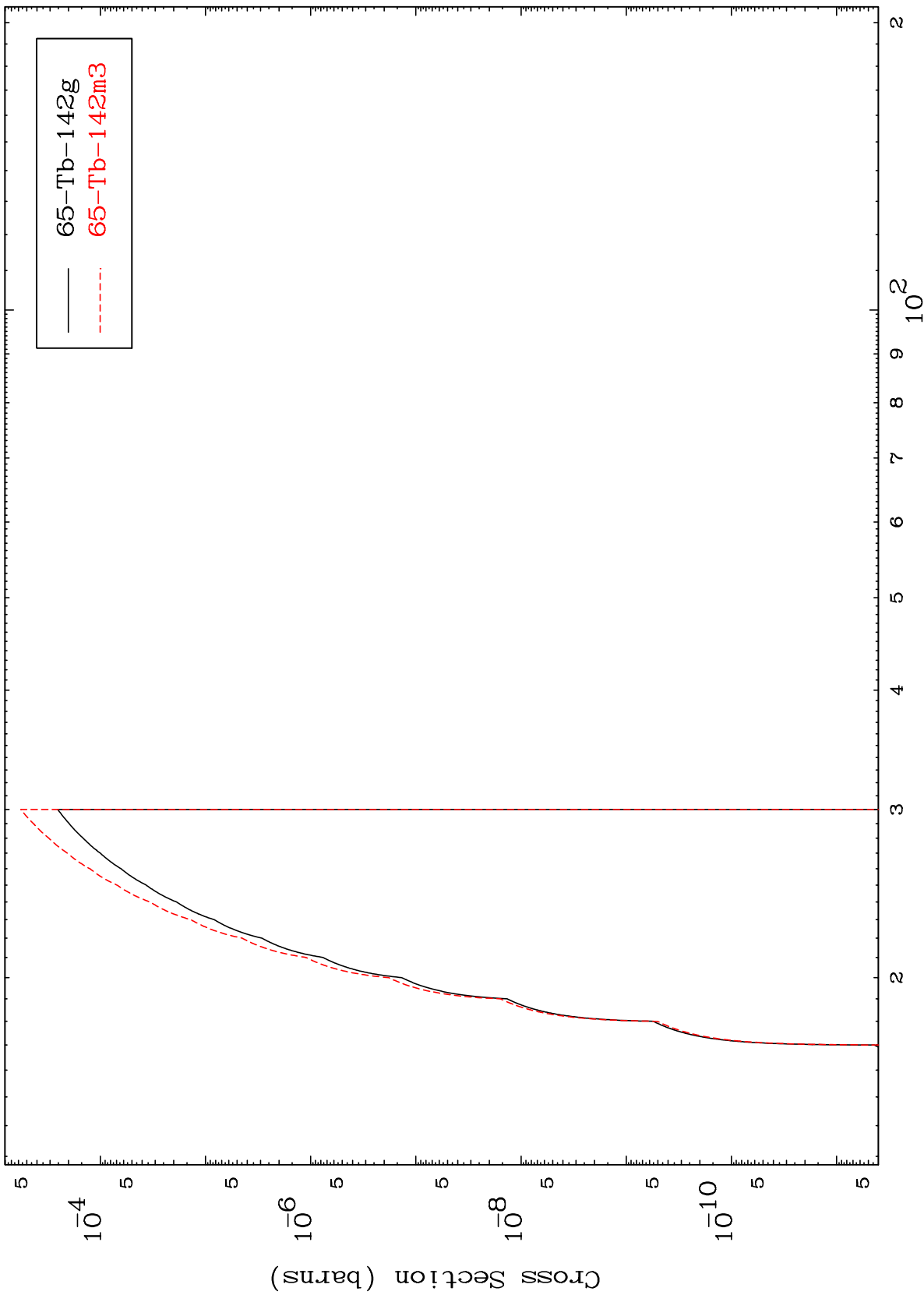
66-Dy-144

MAT 6589

(n,n') d

66-Dy-144

Radionuclide Production Cross Section

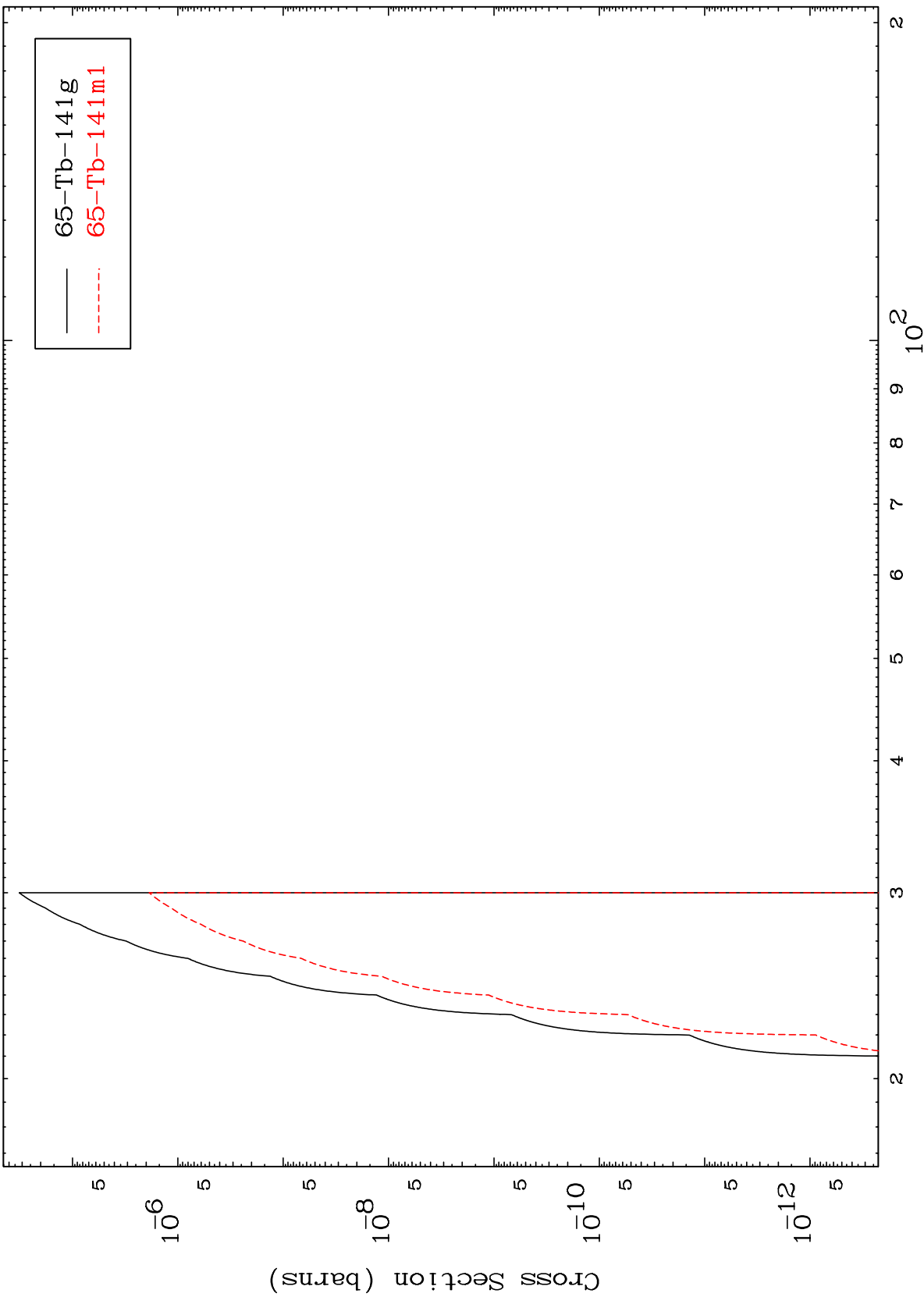


73

Incident Energy (MeV)

66-Dy-144

Radionuclide Production Cross Section



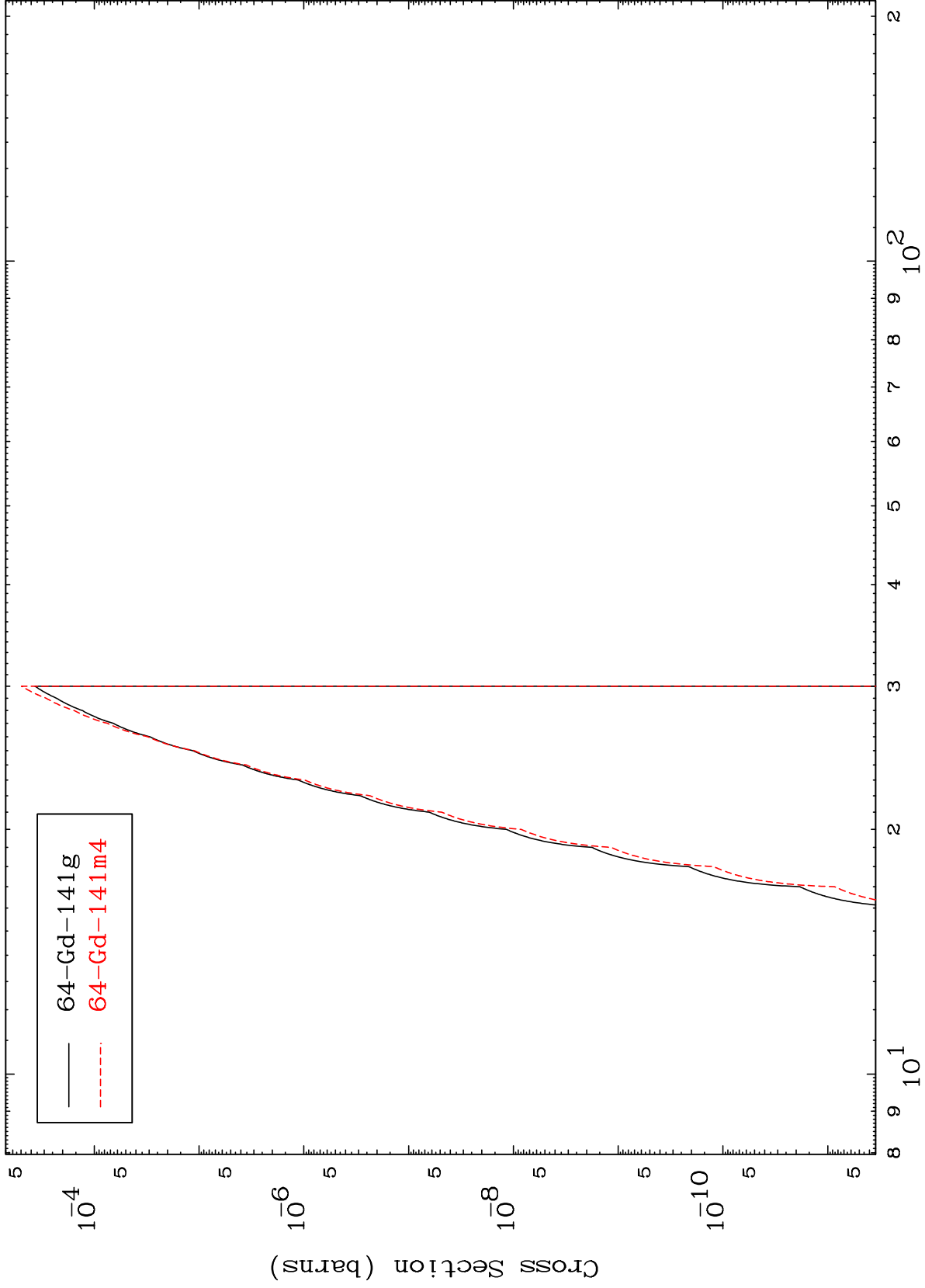
65-Tb-141g
65-Tb-141m1

MAT 6589

(n,n') He-3

66-Dy-144

Radionuclide Production Cross Section



75

Incident Energy (MeV)

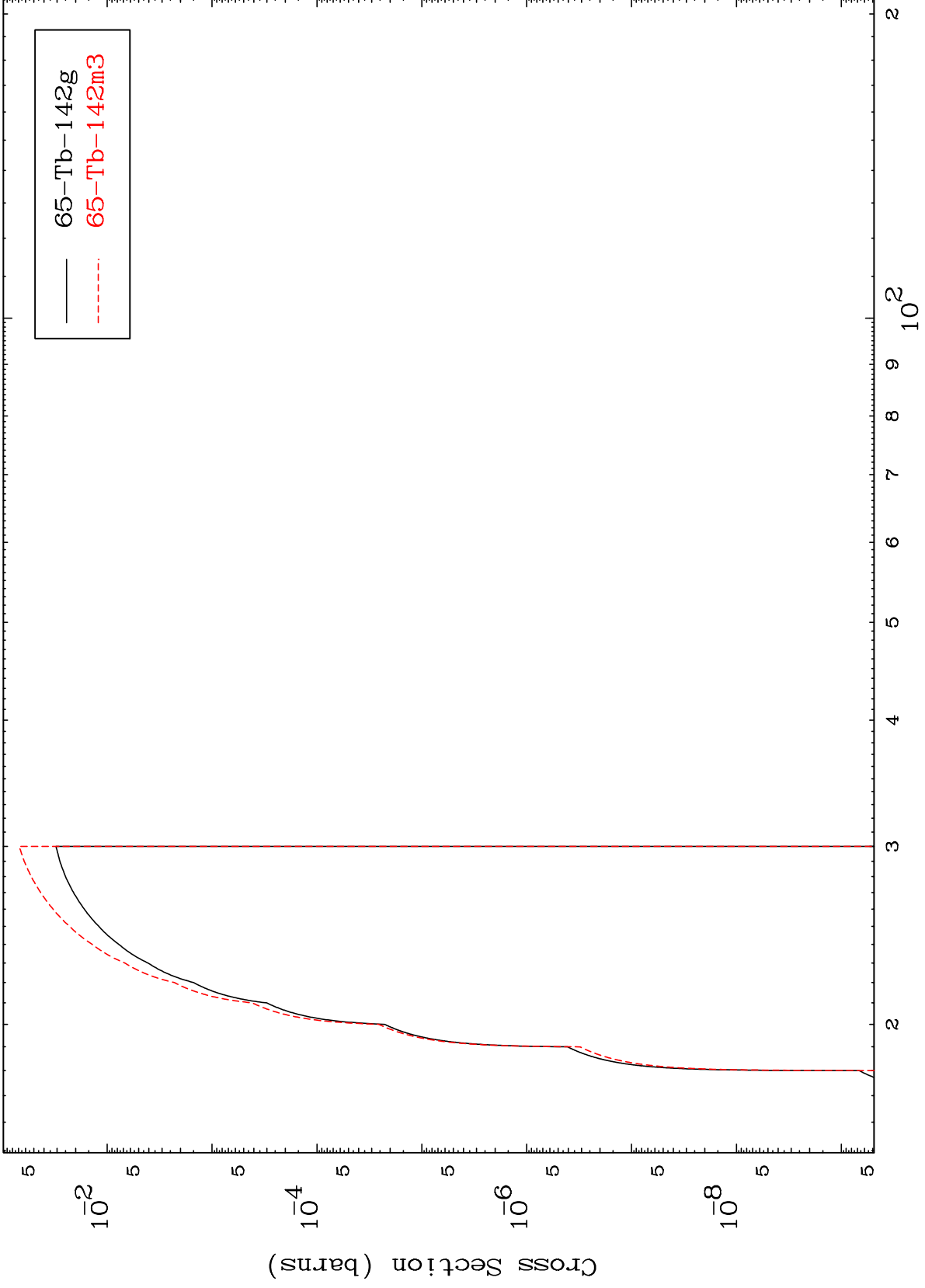
66-Dy-144

MAT 6589

(n,2n) p

66-Dy-144

Radionuclide Production Cross Section



76

Incident Energy (MeV)

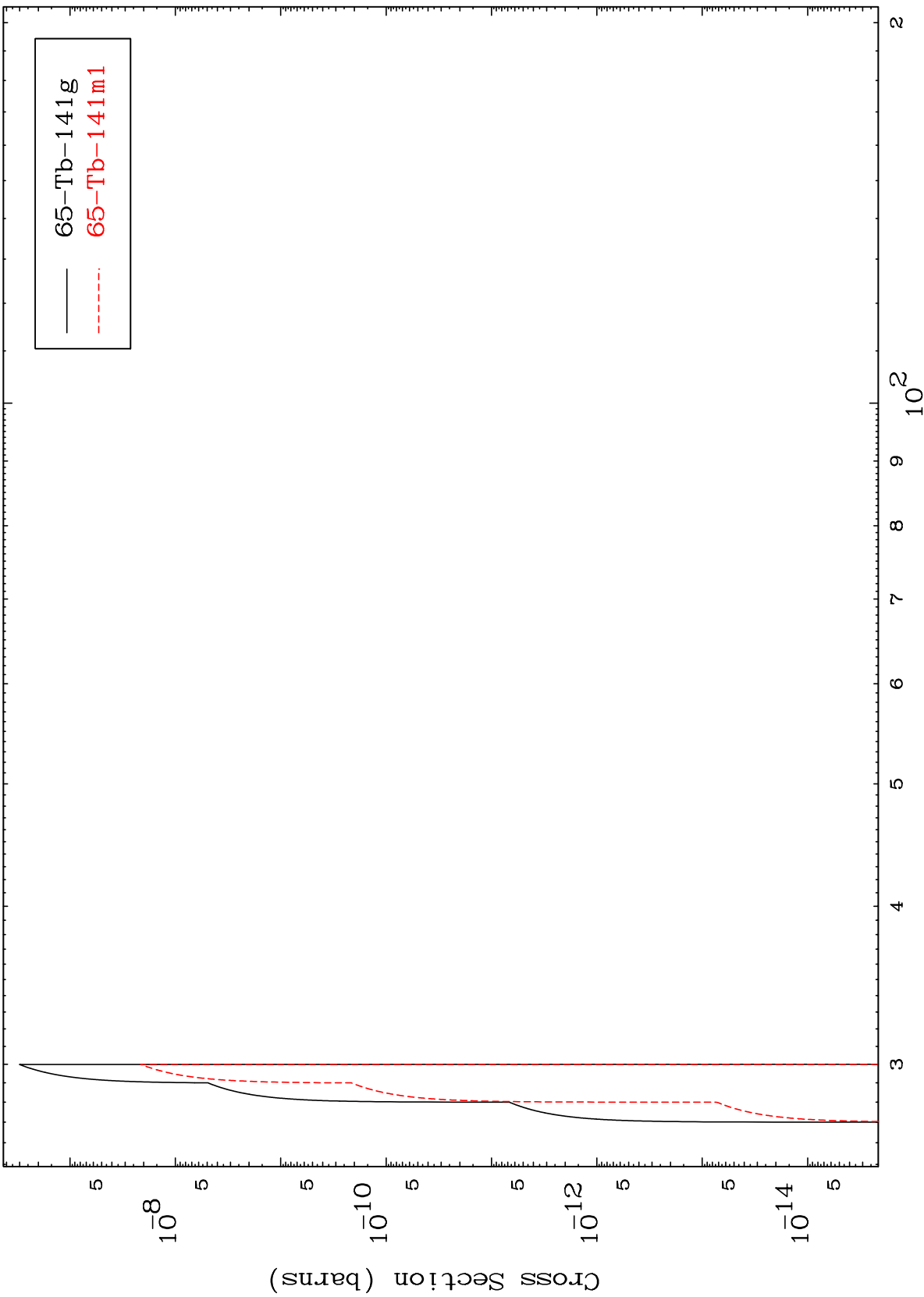
66-Dy-144

MAT 6589

(n,3n) p

66-Dy-144

Radionuclide Production Cross Section



77

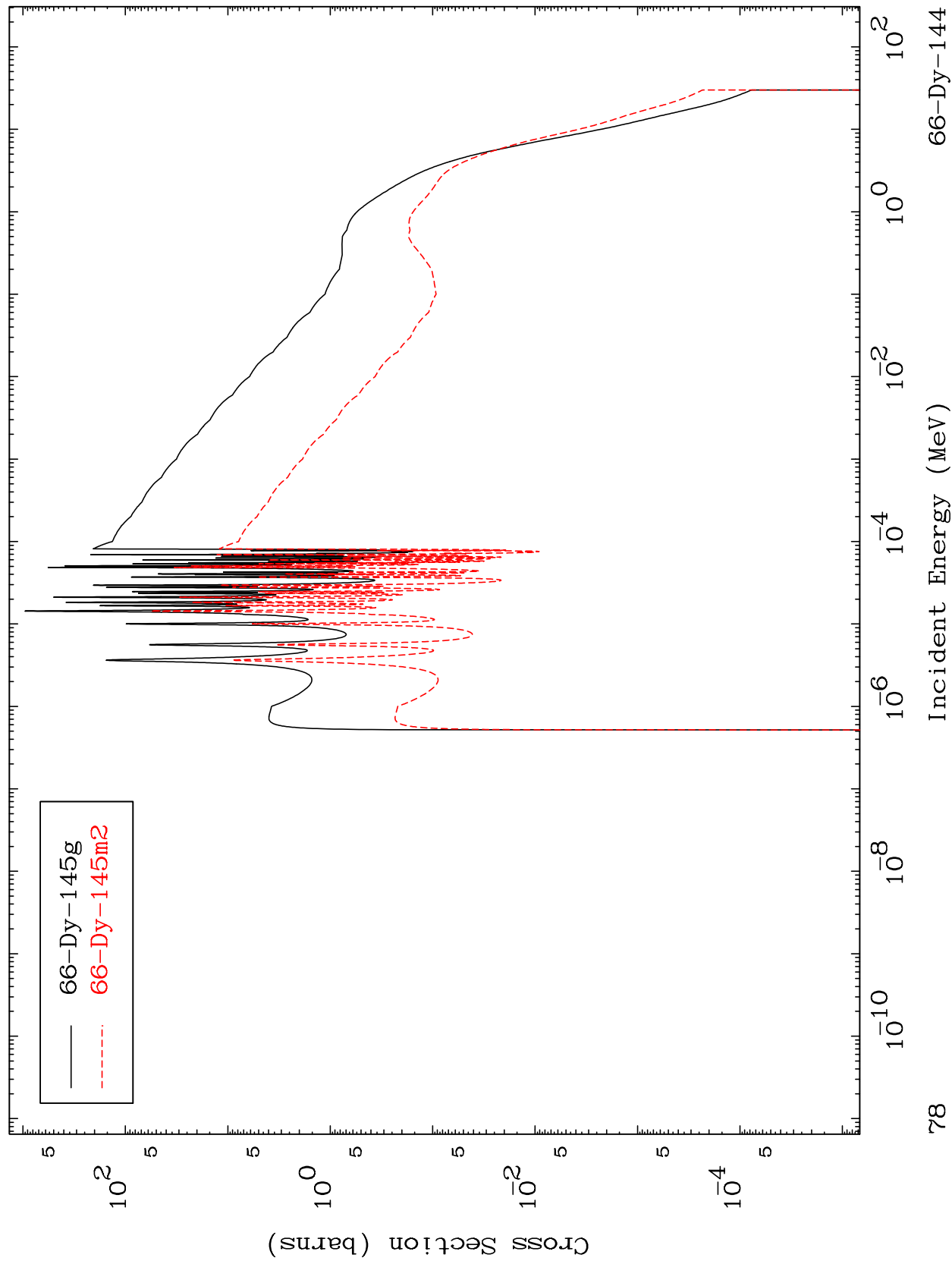
Incident Energy (MeV)

66-Dy-144

MAT 6589

66-Dy-144

(n,γ)
Radionuclide Production Cross Section

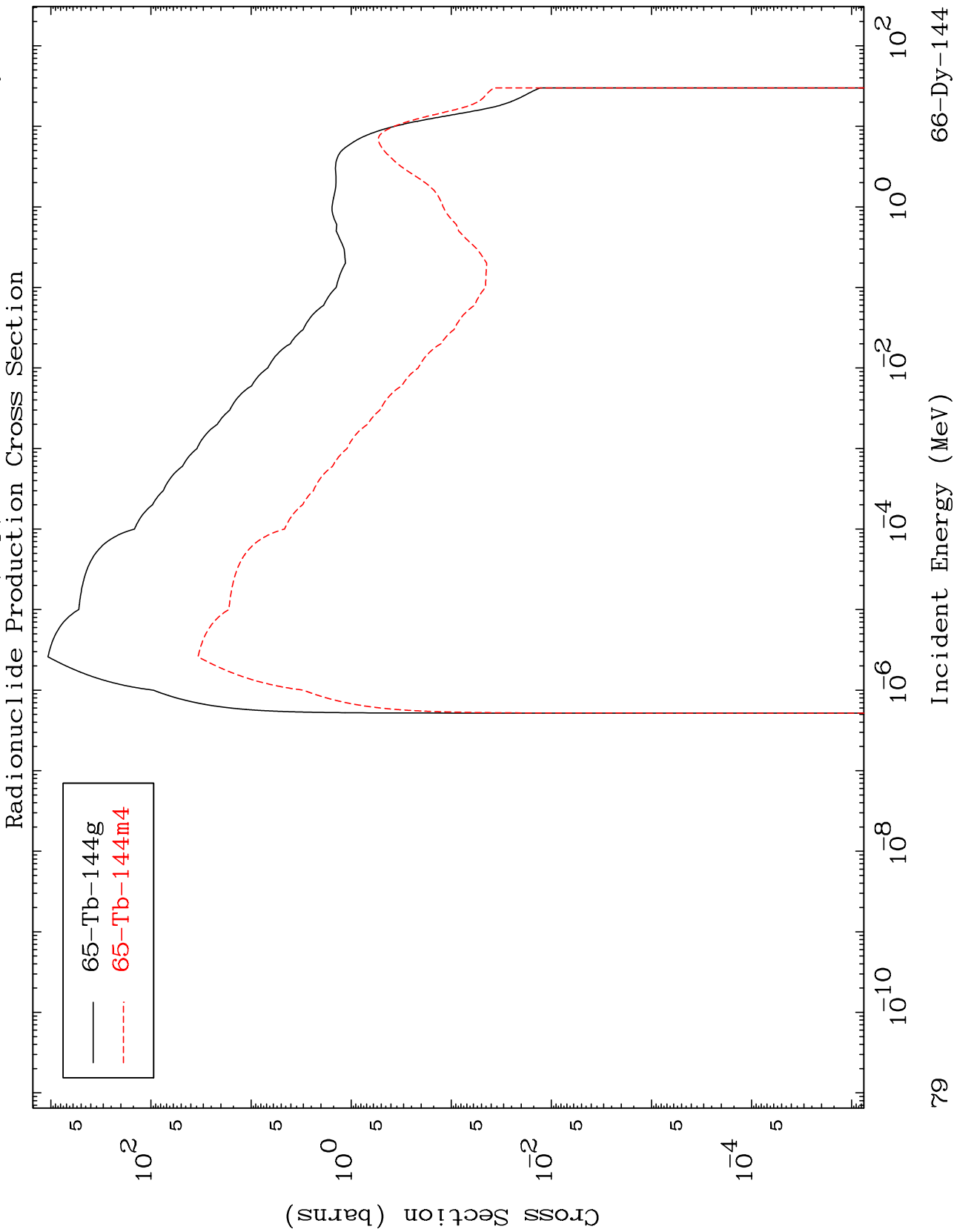


78

66-Dy-144

MAT 6589

66-Dy-144

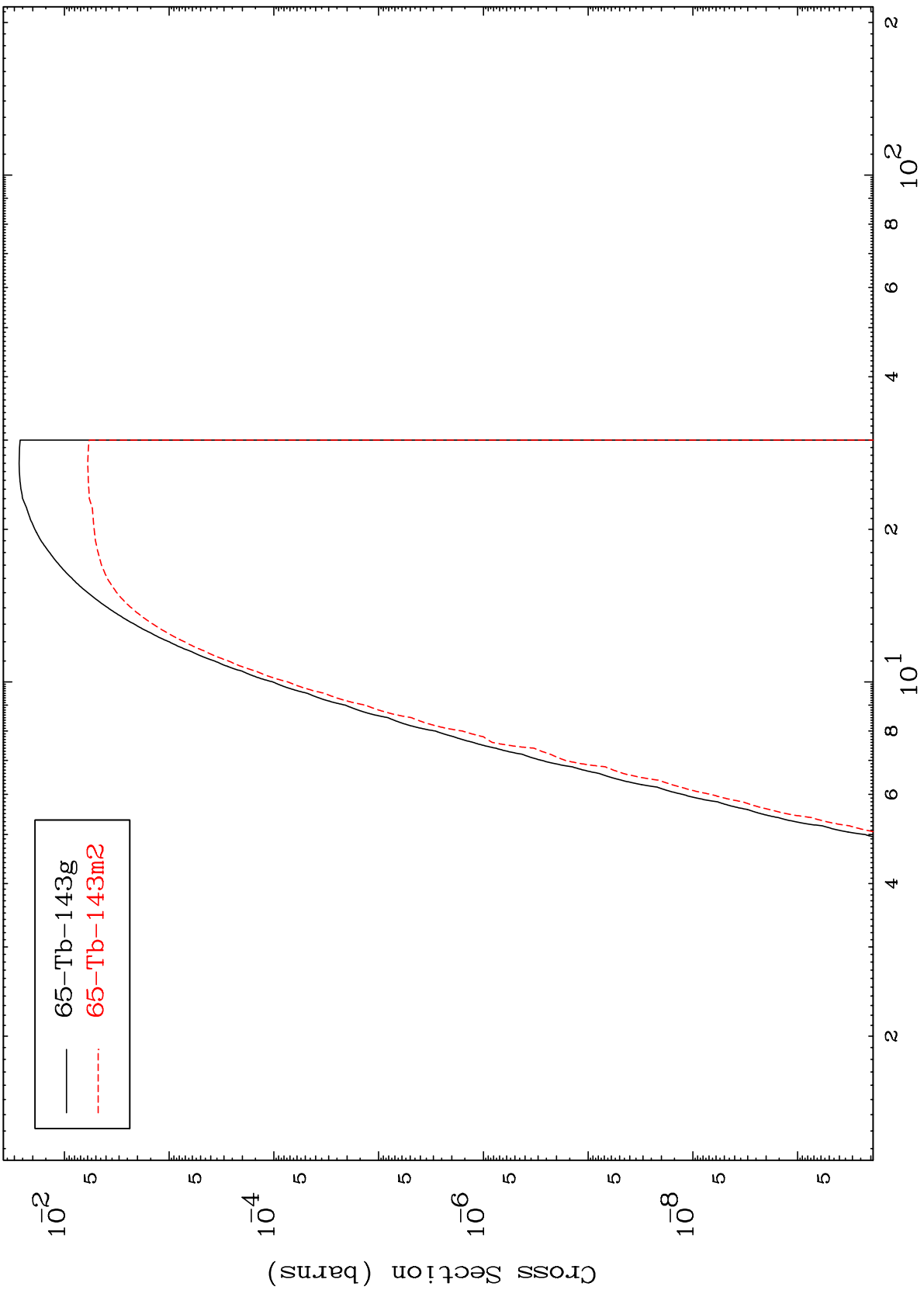


MAT 6589

(n,d)

66-Dy-144

Radionuclide Production Cross Section



80

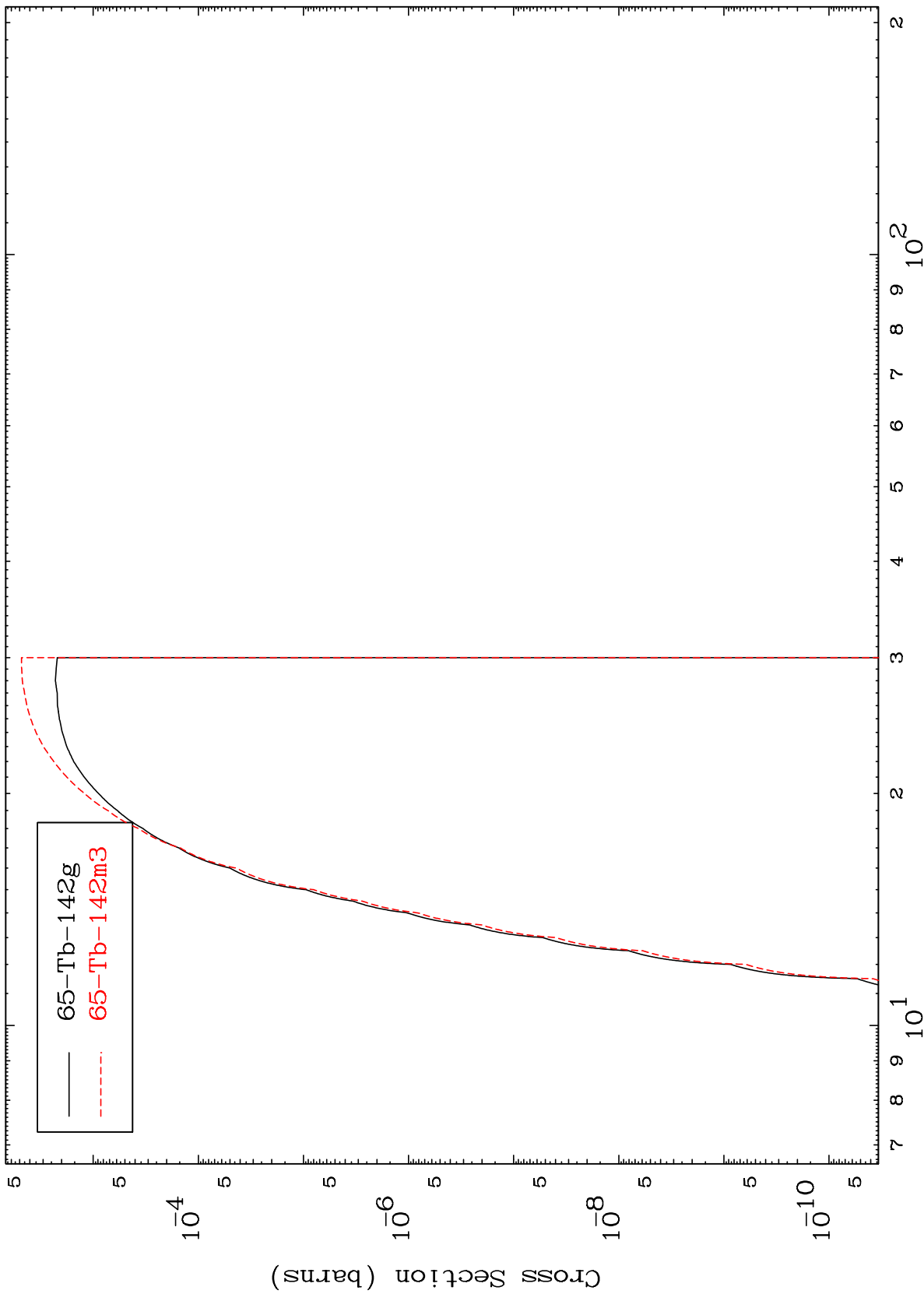
Incident Energy (MeV)

66-Dy-144

MAT 6589

66-Dy-144

(n,t)
Radionuclide Production Cross Section



81

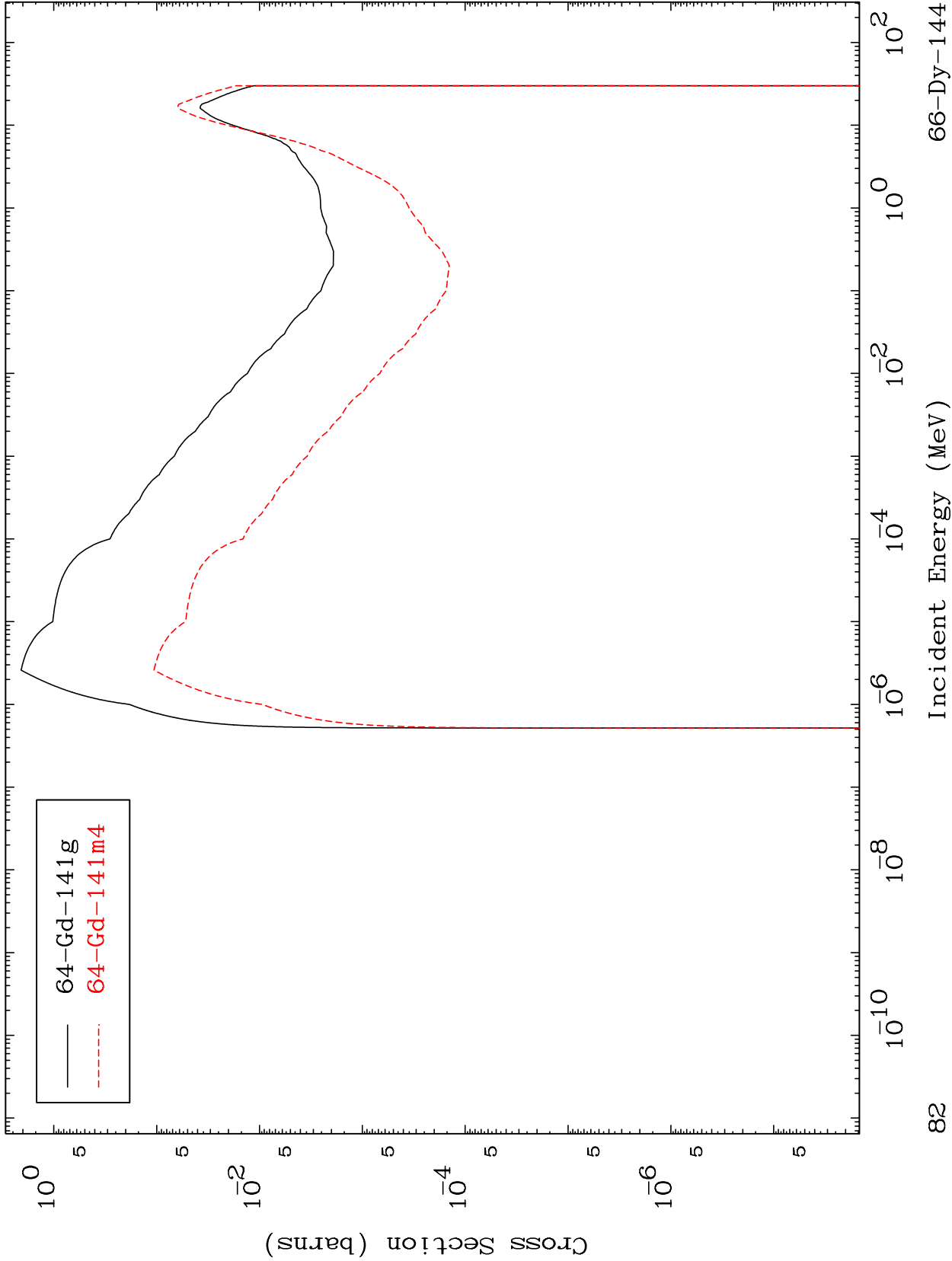
Incident Energy (MeV)

66-Dy-144

MAT 6589

66-Dy-144

(n, α)
Radionuclide Production Cross Section

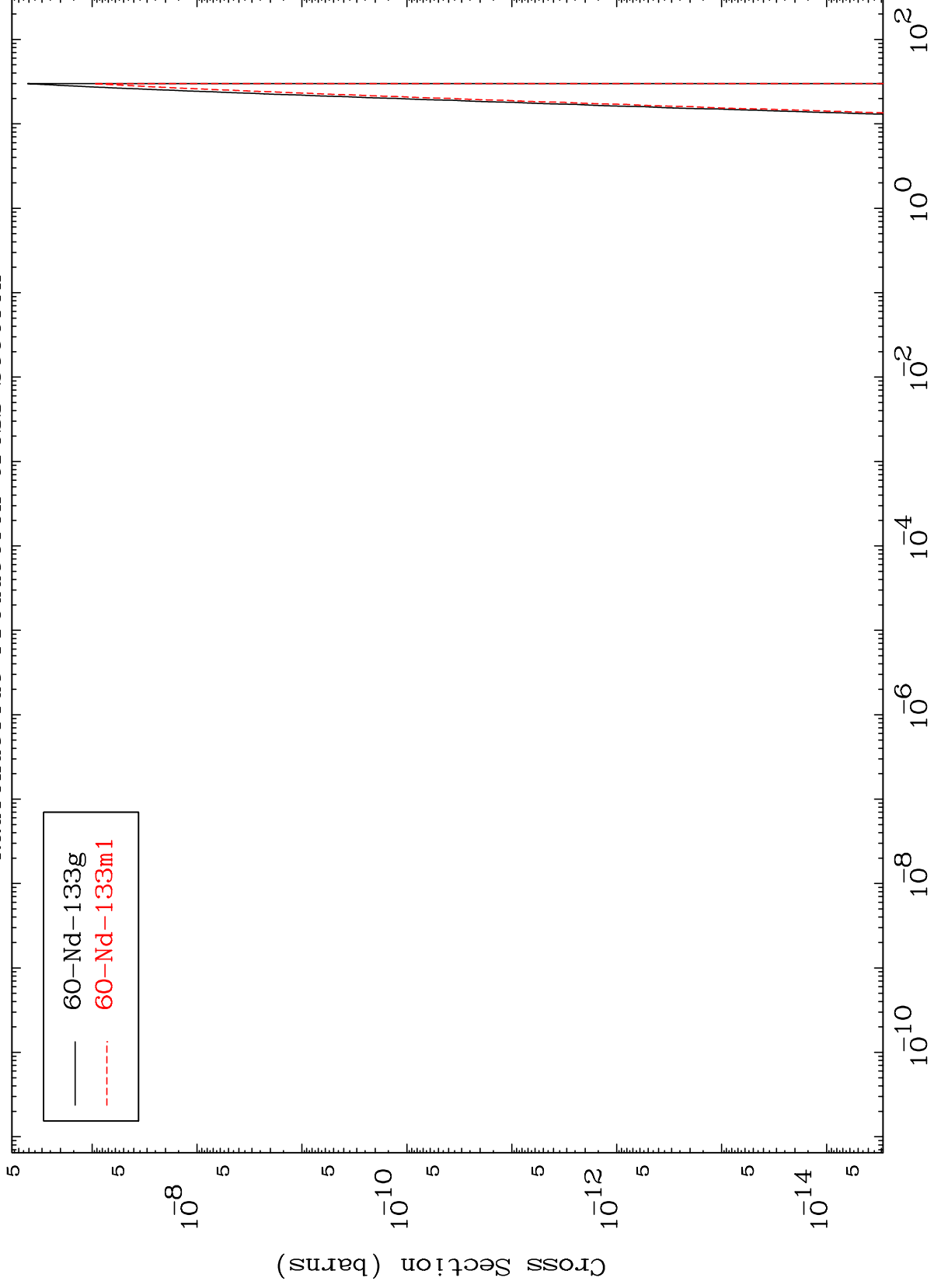


MAT 6589

(n,3 α)

66-Dy-144

Radionuclide Production Cross Section



83

Incident Energy (MeV)

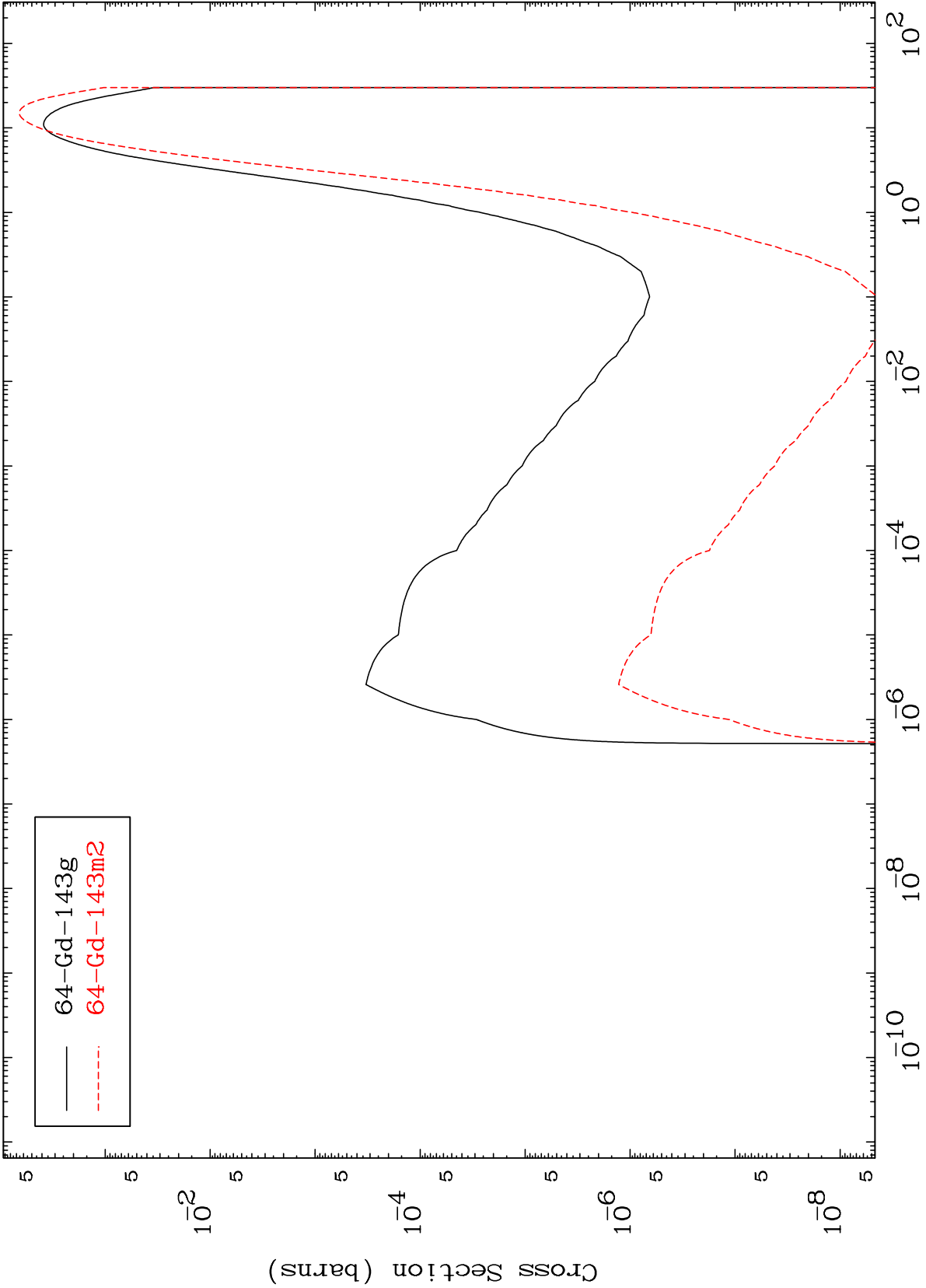
66-Dy-144

MAT 6589

(n,2p)

66-Dy-144

Radionuclide Production Cross Section



84

Incident Energy (MeV)

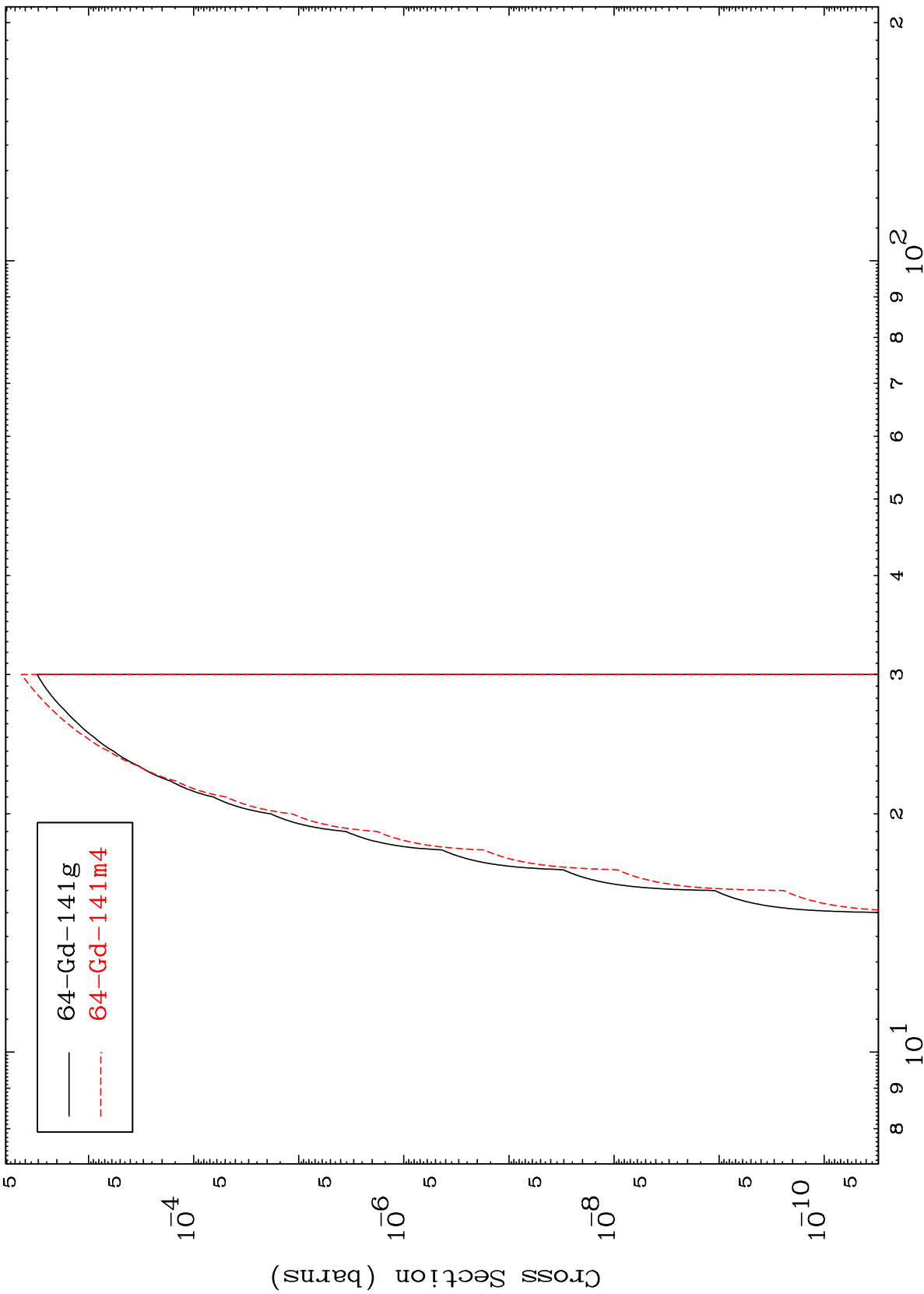
66-Dy-144

MAT 6589

(n,p) t

66-Dy-144

Radionuclide Production Cross Section



85

Incident Energy (MeV)

66-Dy-144