

Program EVALPLOT
(Version 2018-1)

by

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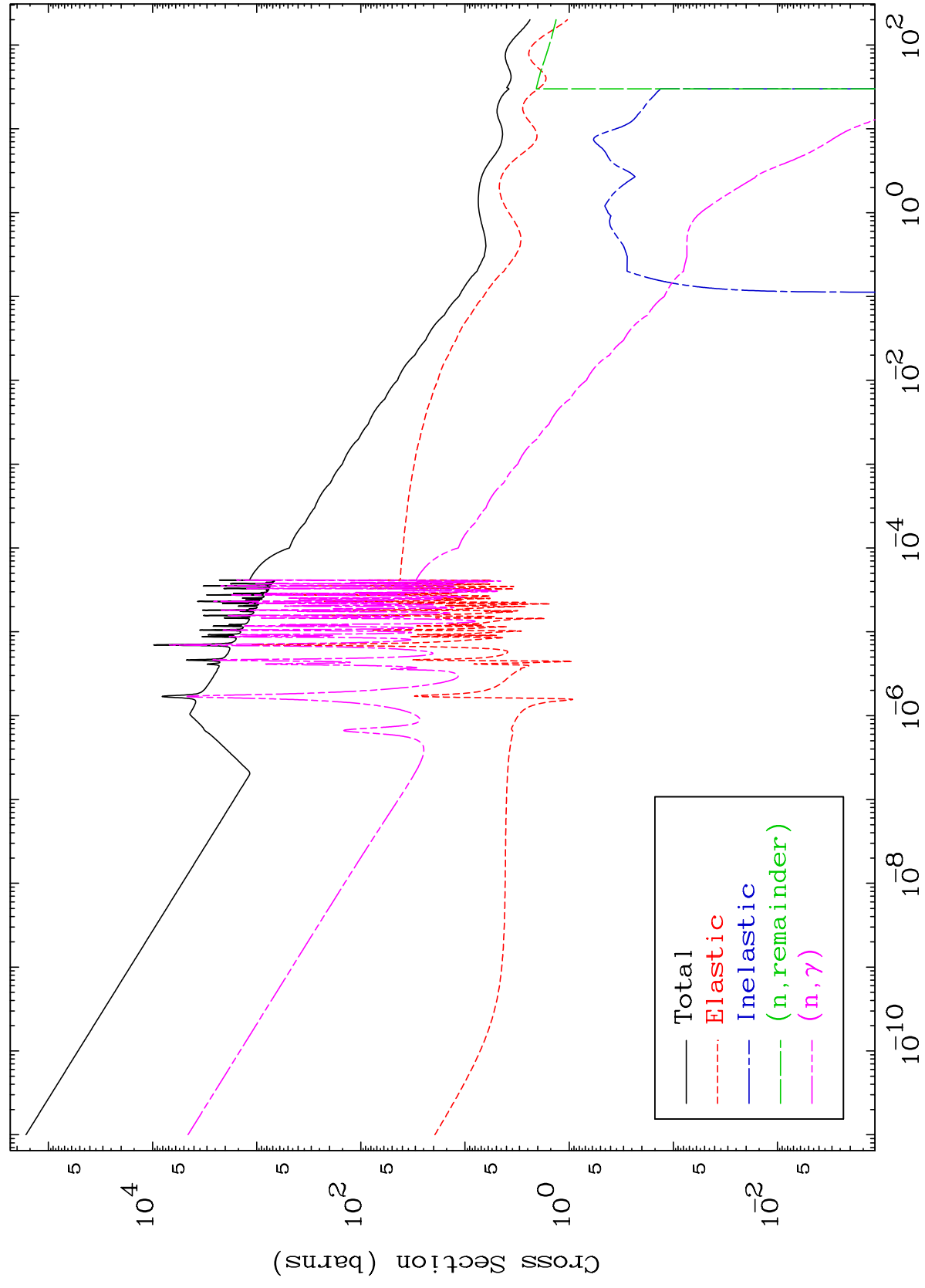
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6786

Major
293 Kelvin Cross Sections

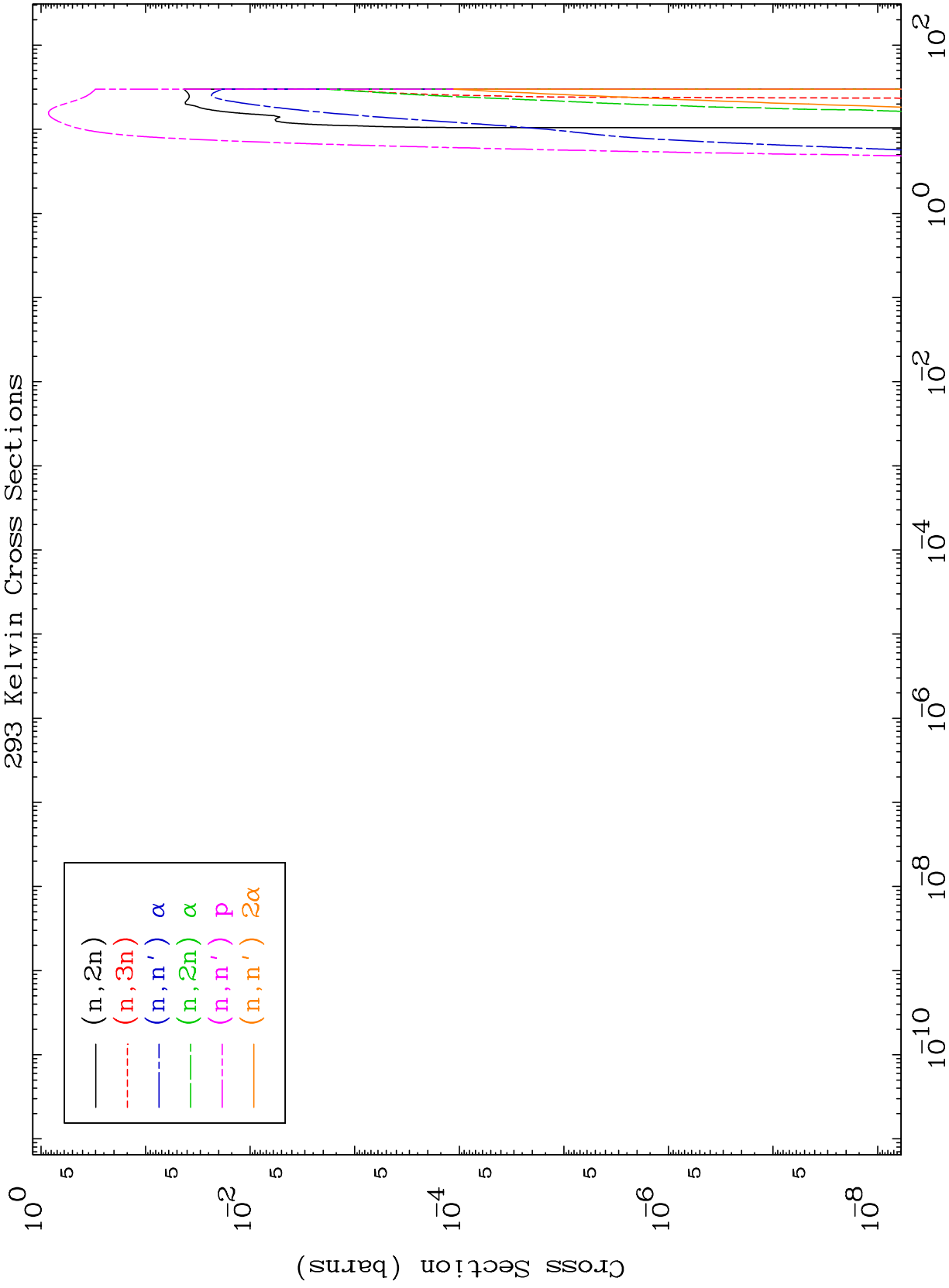
68-Er-149



MAT 6786

Neutron Production
293 Kelvin Cross Sections

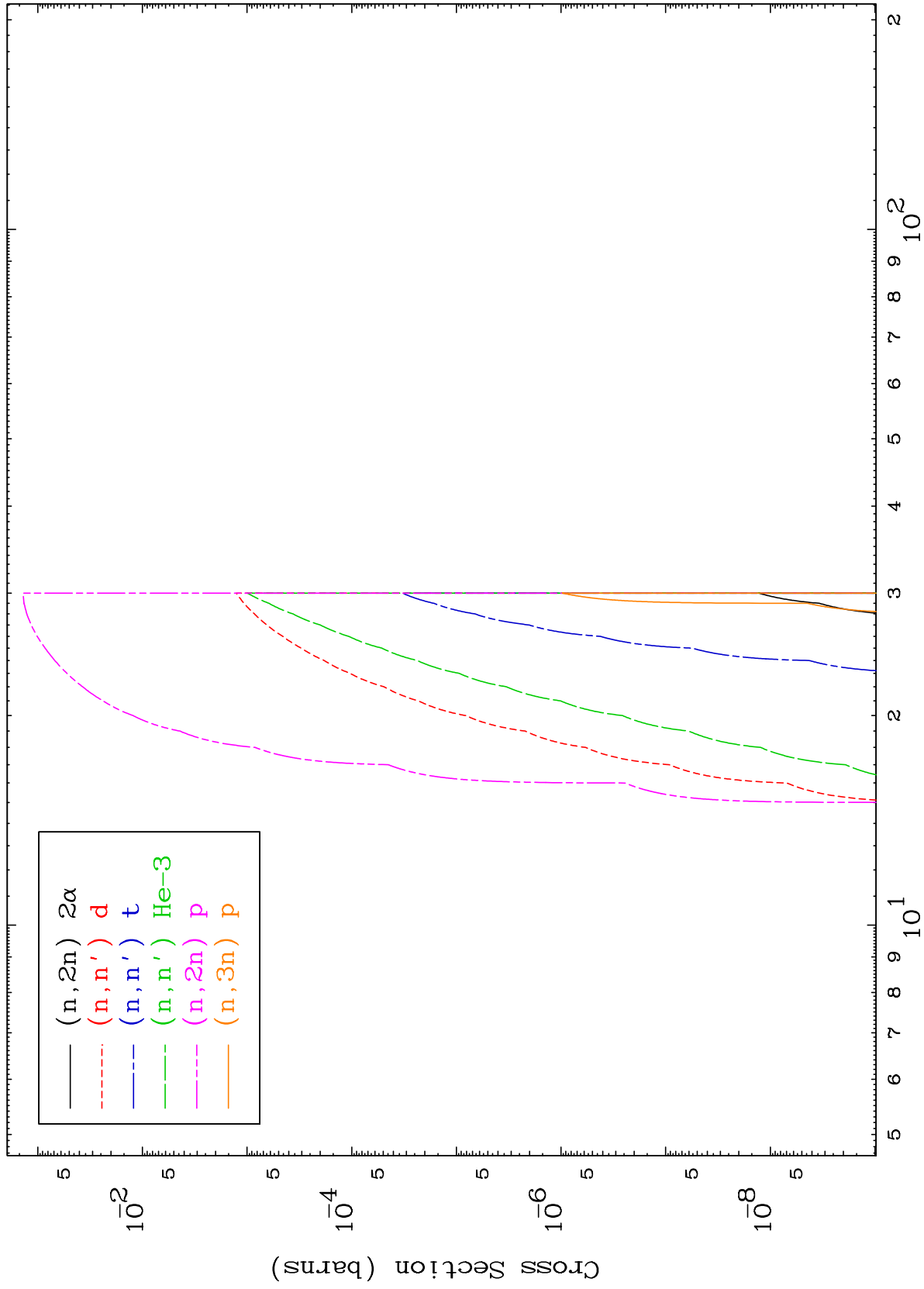
68-Er-149

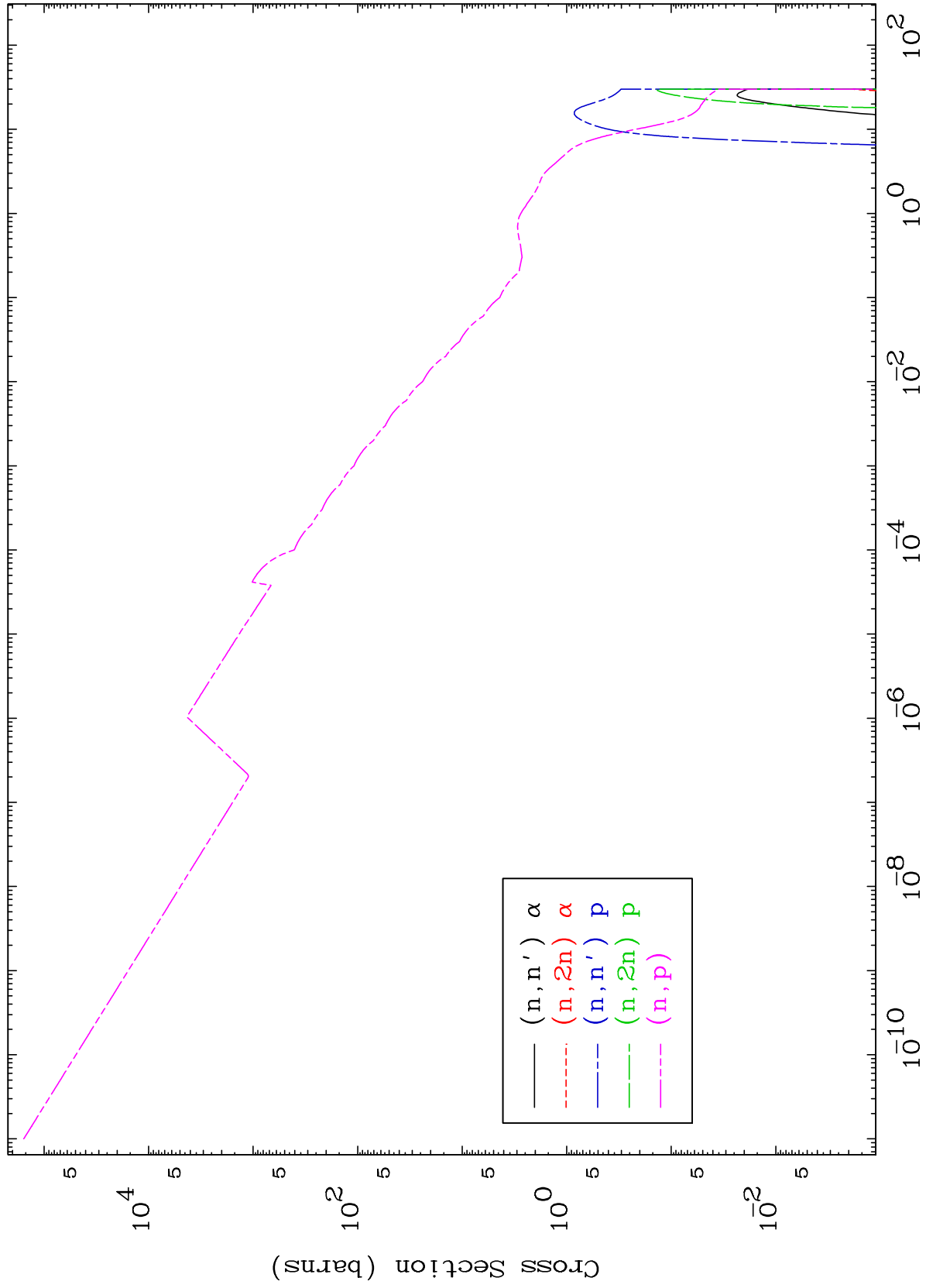


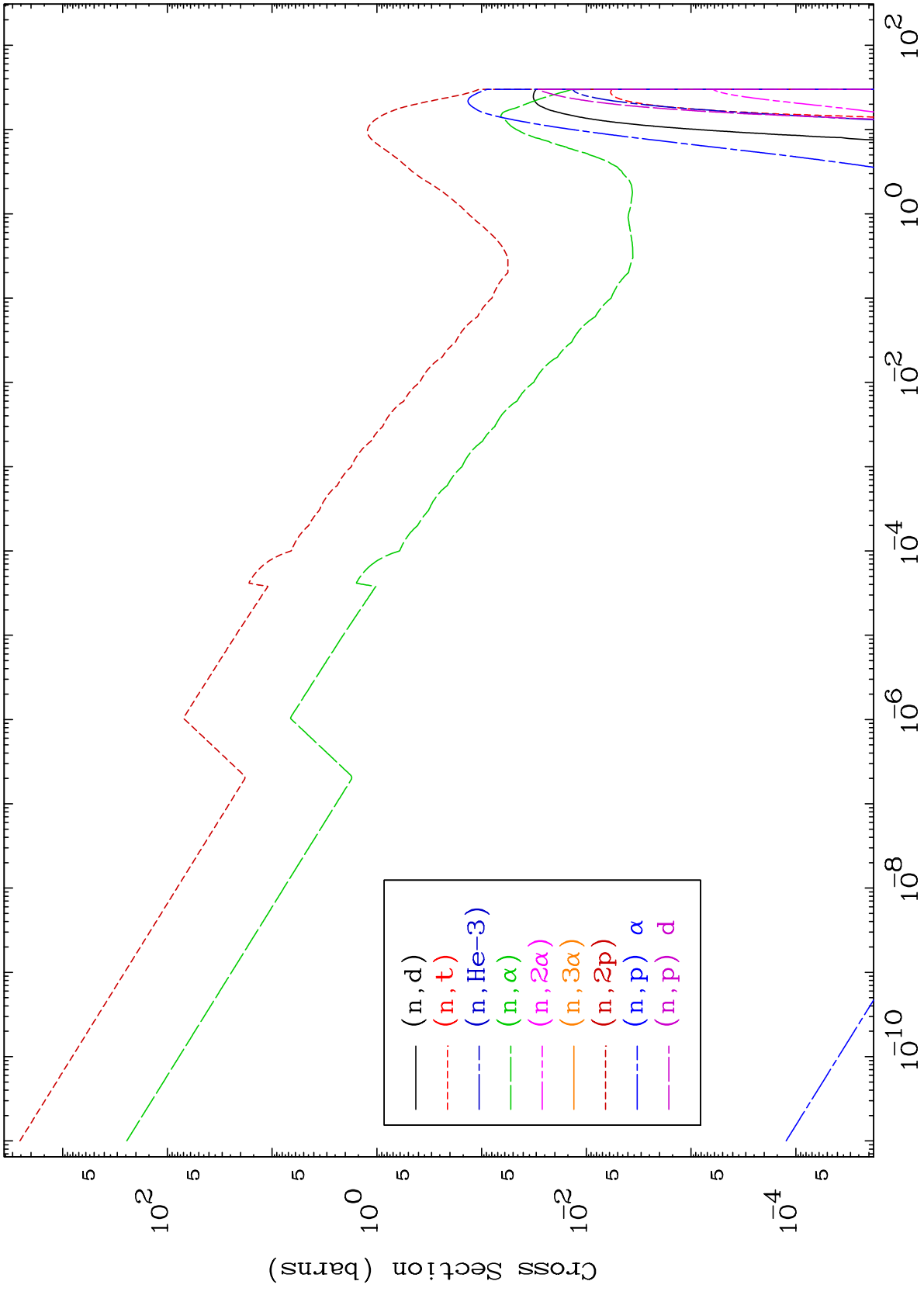
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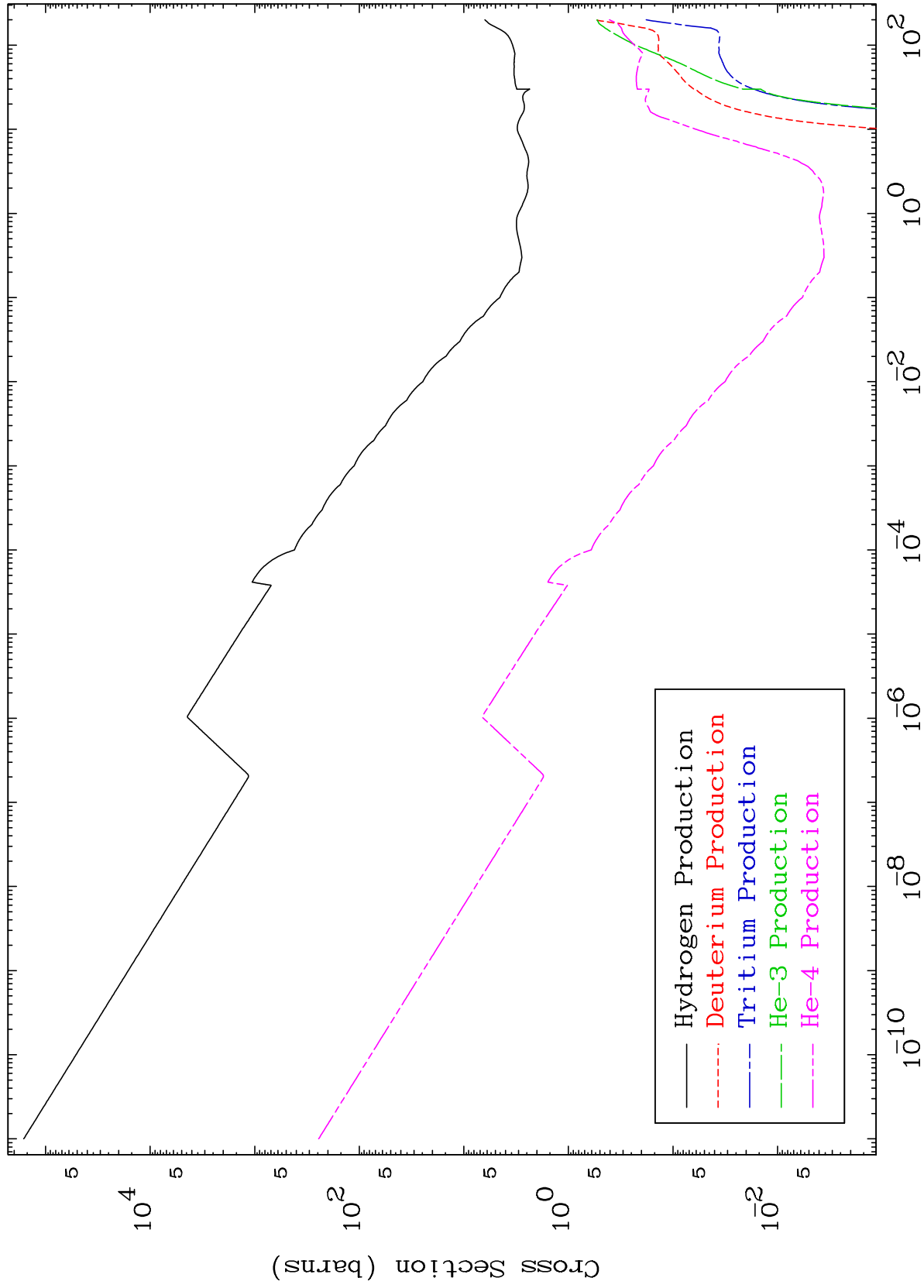
Incident Energy (MeV)

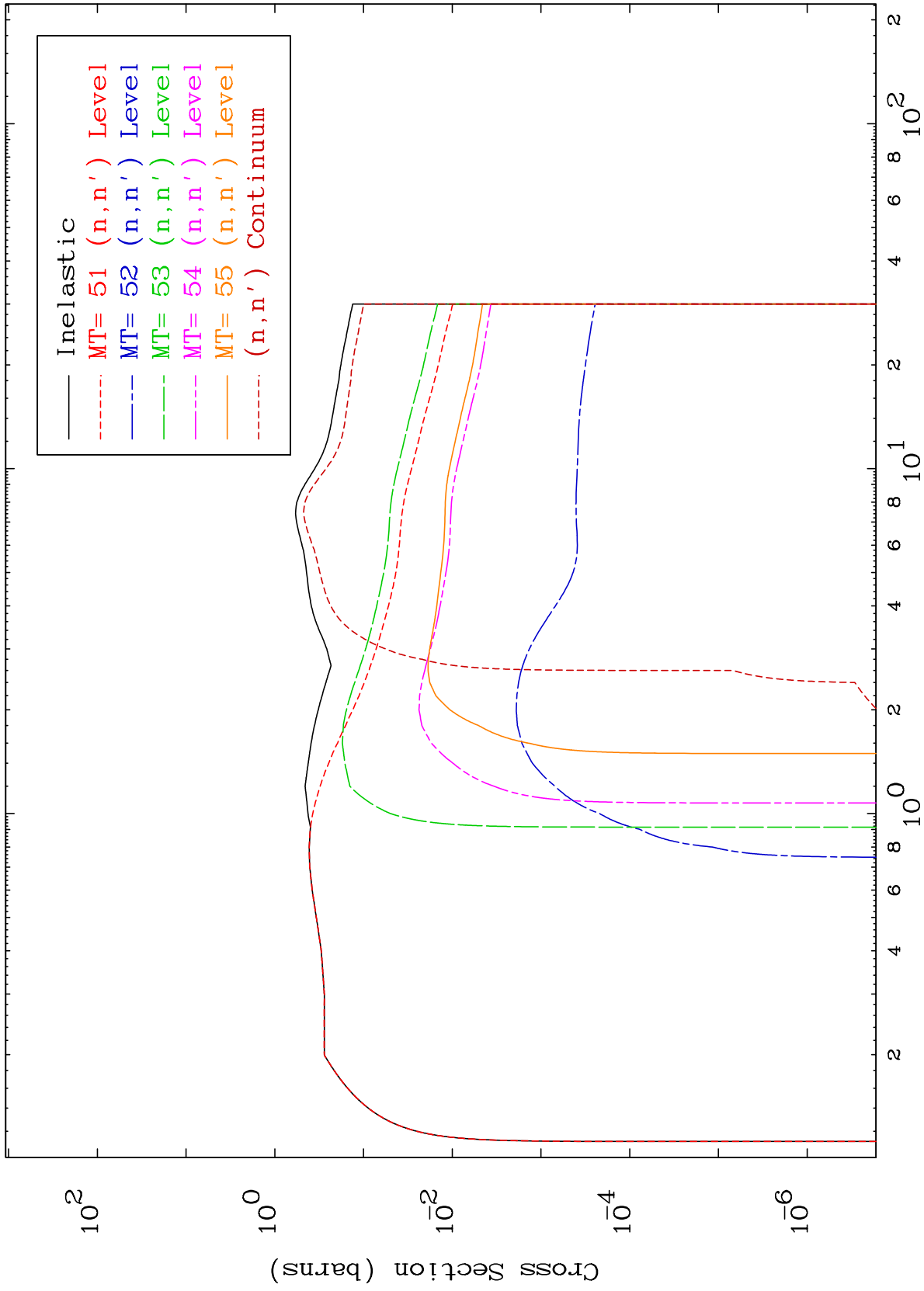
68-Er-149







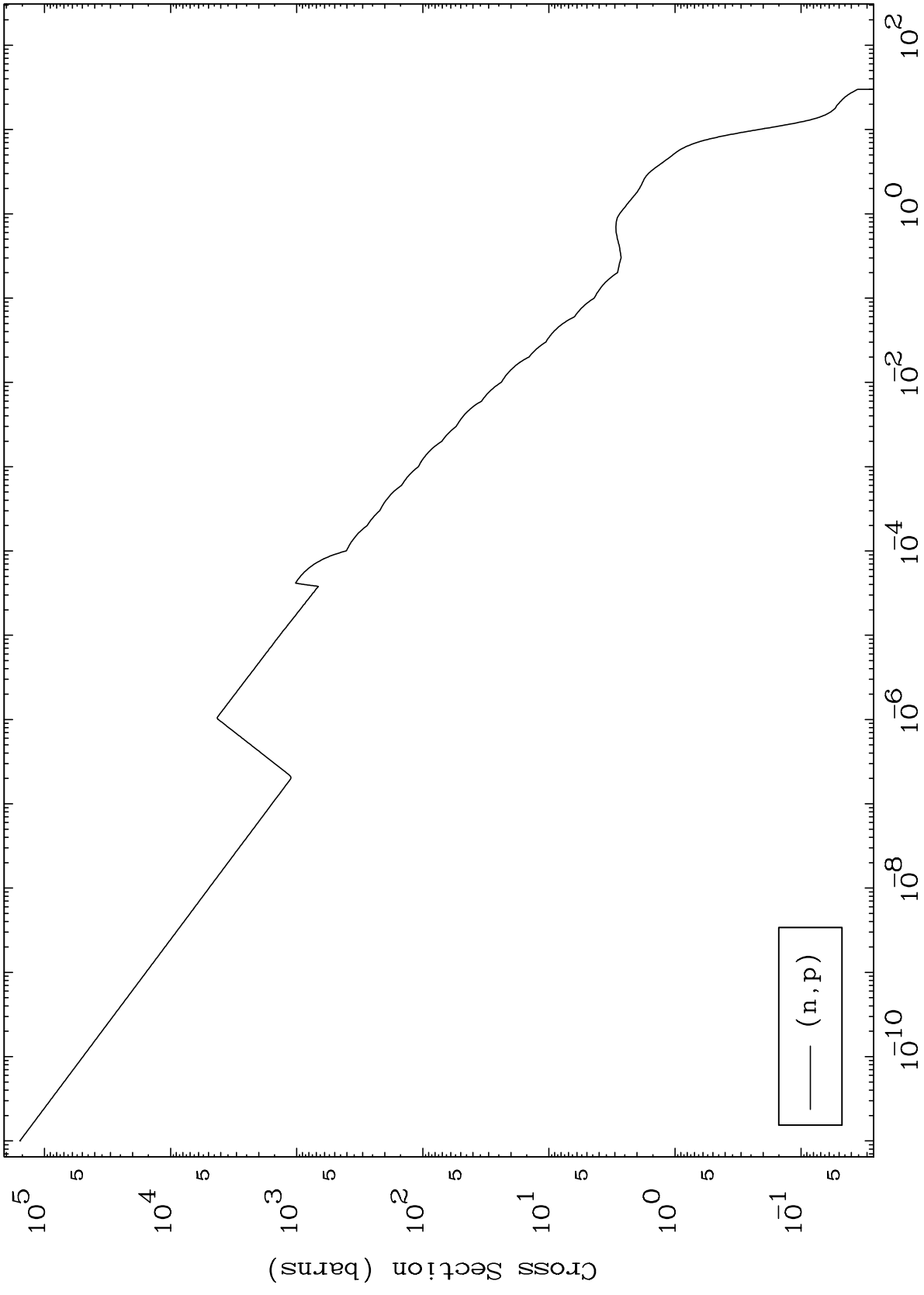




MAT 6786

(n,p) Levels
293 Kelvin Cross Sections

68-Er-149

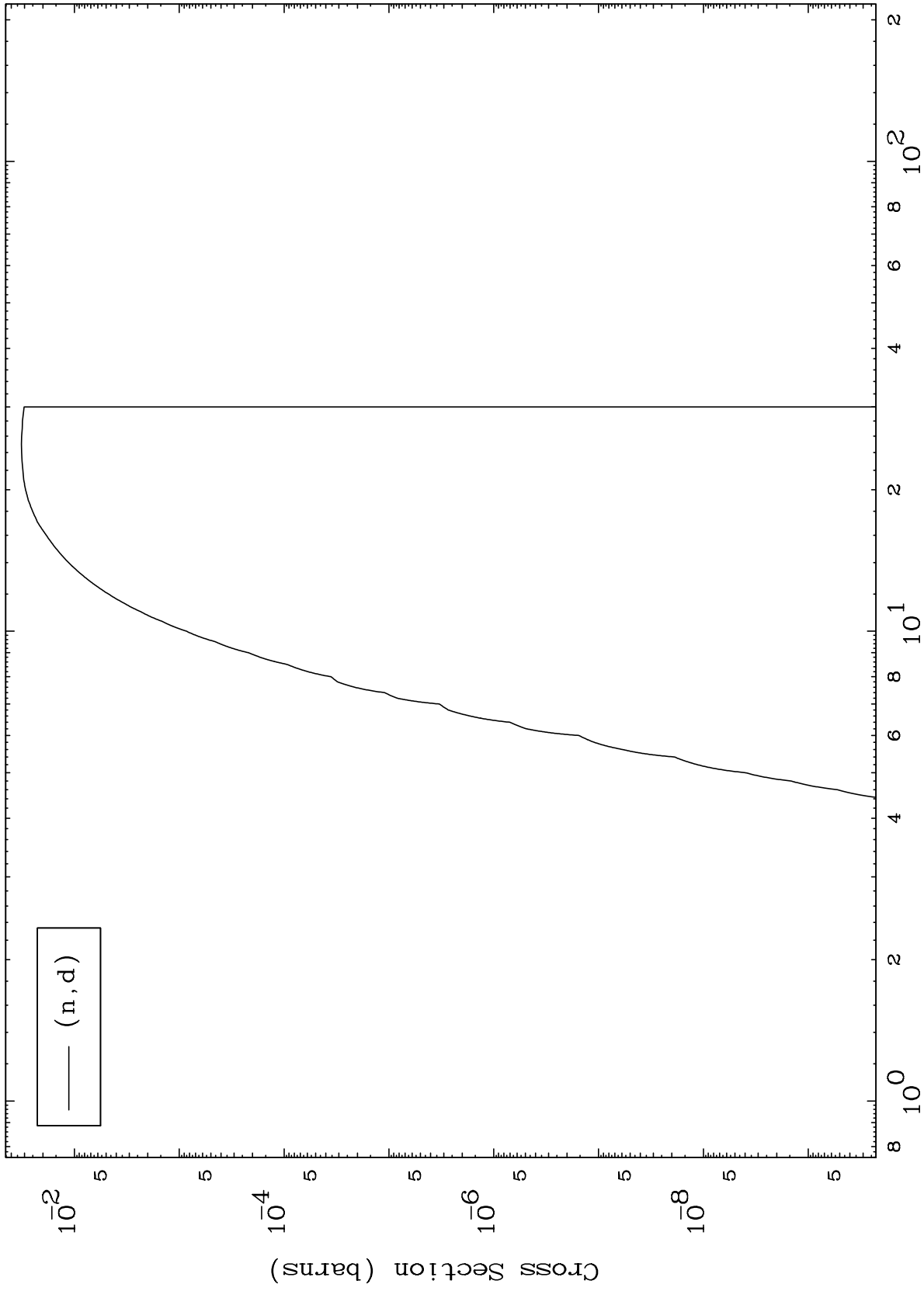


68-Er-149

MAT 6786

(n,d) Levels
293 Kelvin Cross Sections

68-Er-149



9

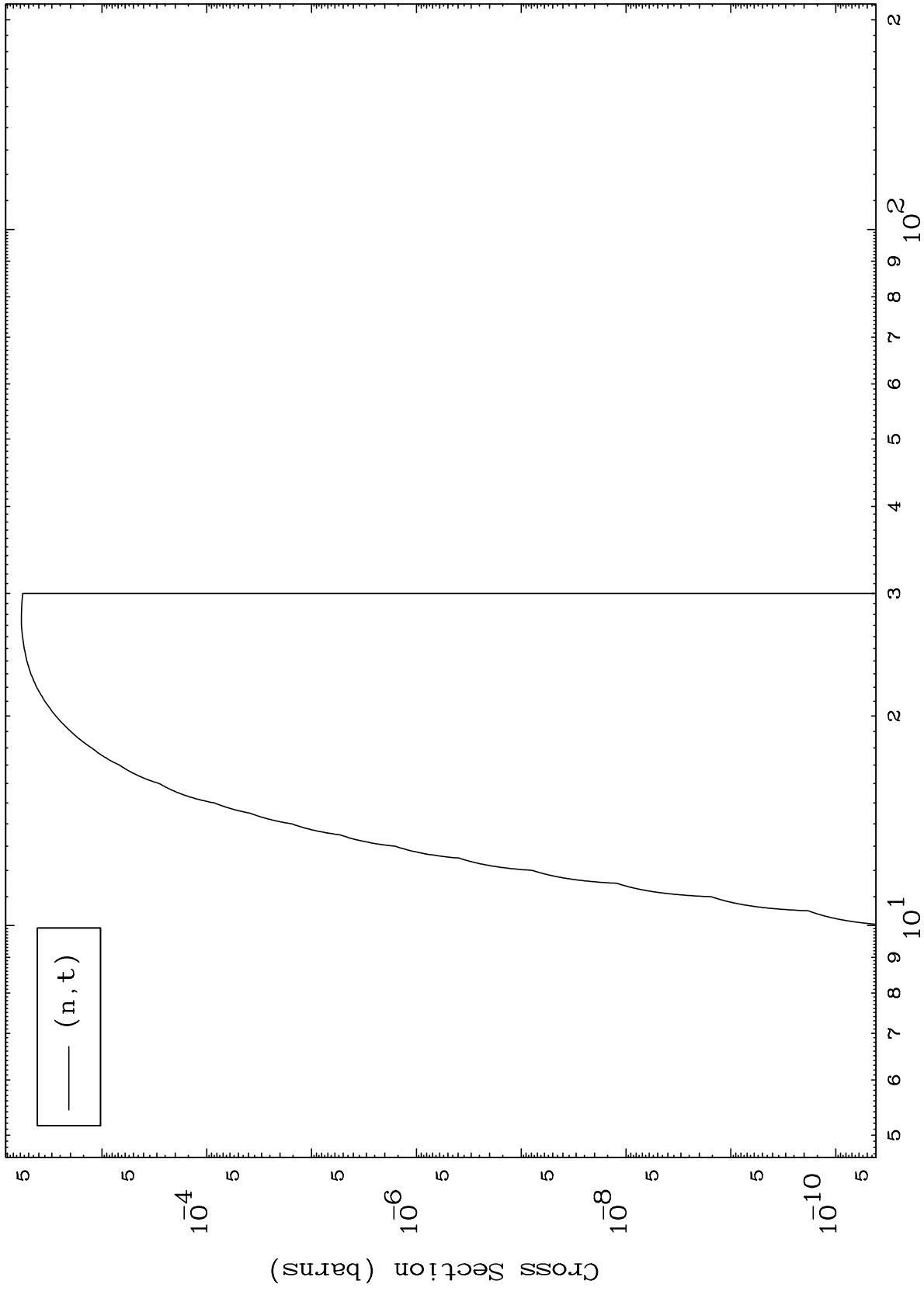
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,t) Levels
293 Kelvin Cross Sections

68-Er-149



10

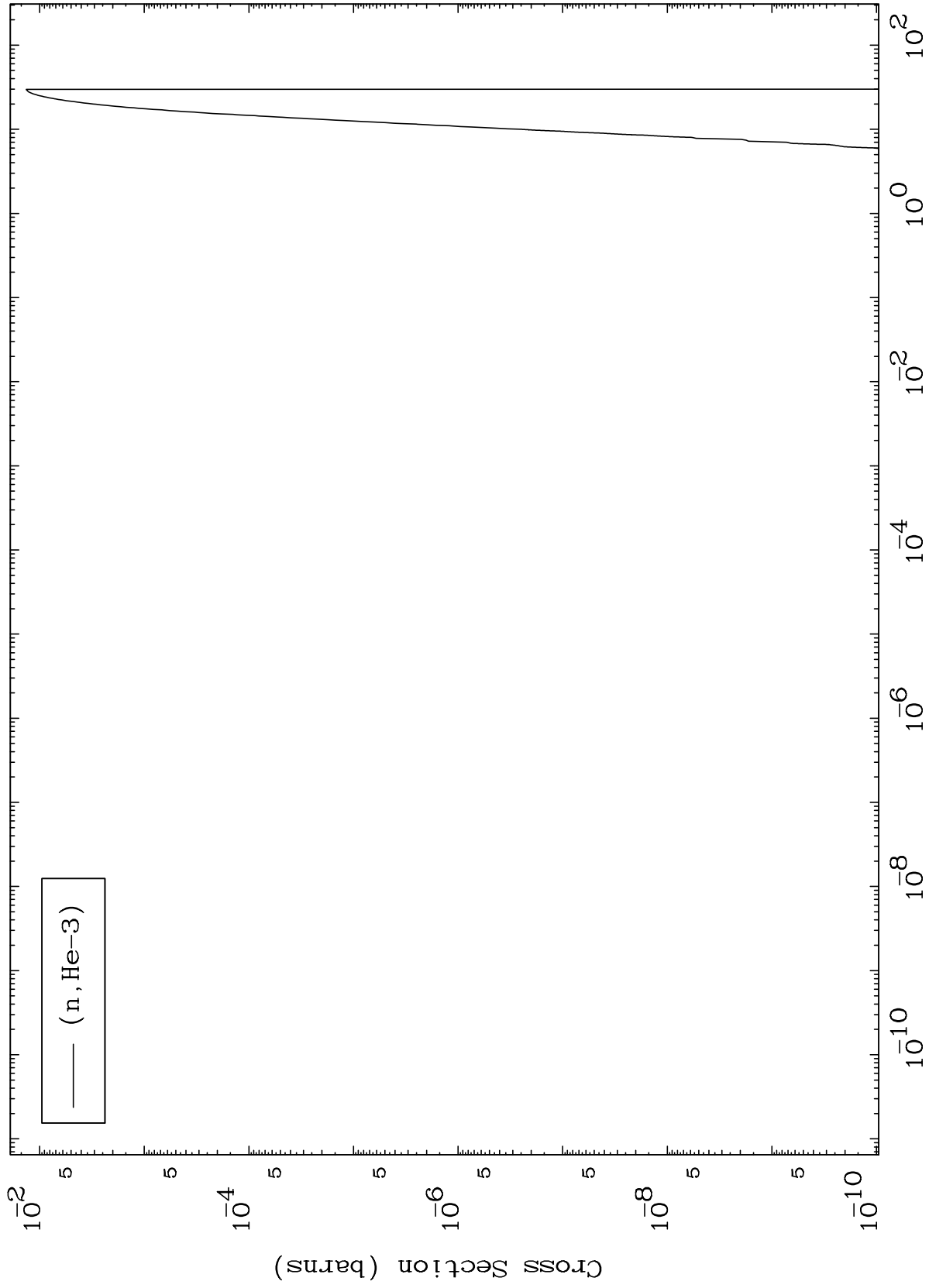
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-149



11

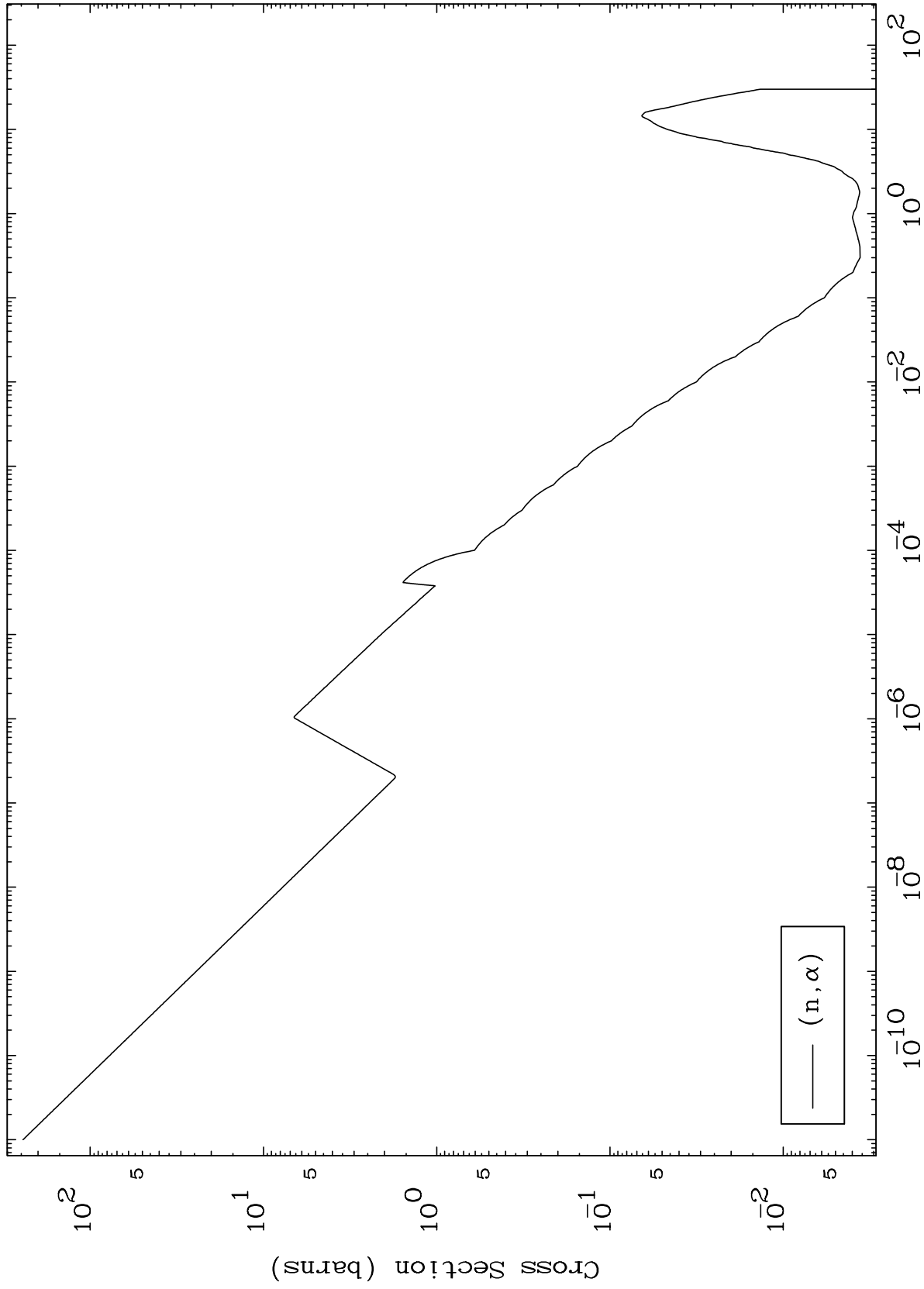
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,α) Levels
293 Kelvin Cross Sections

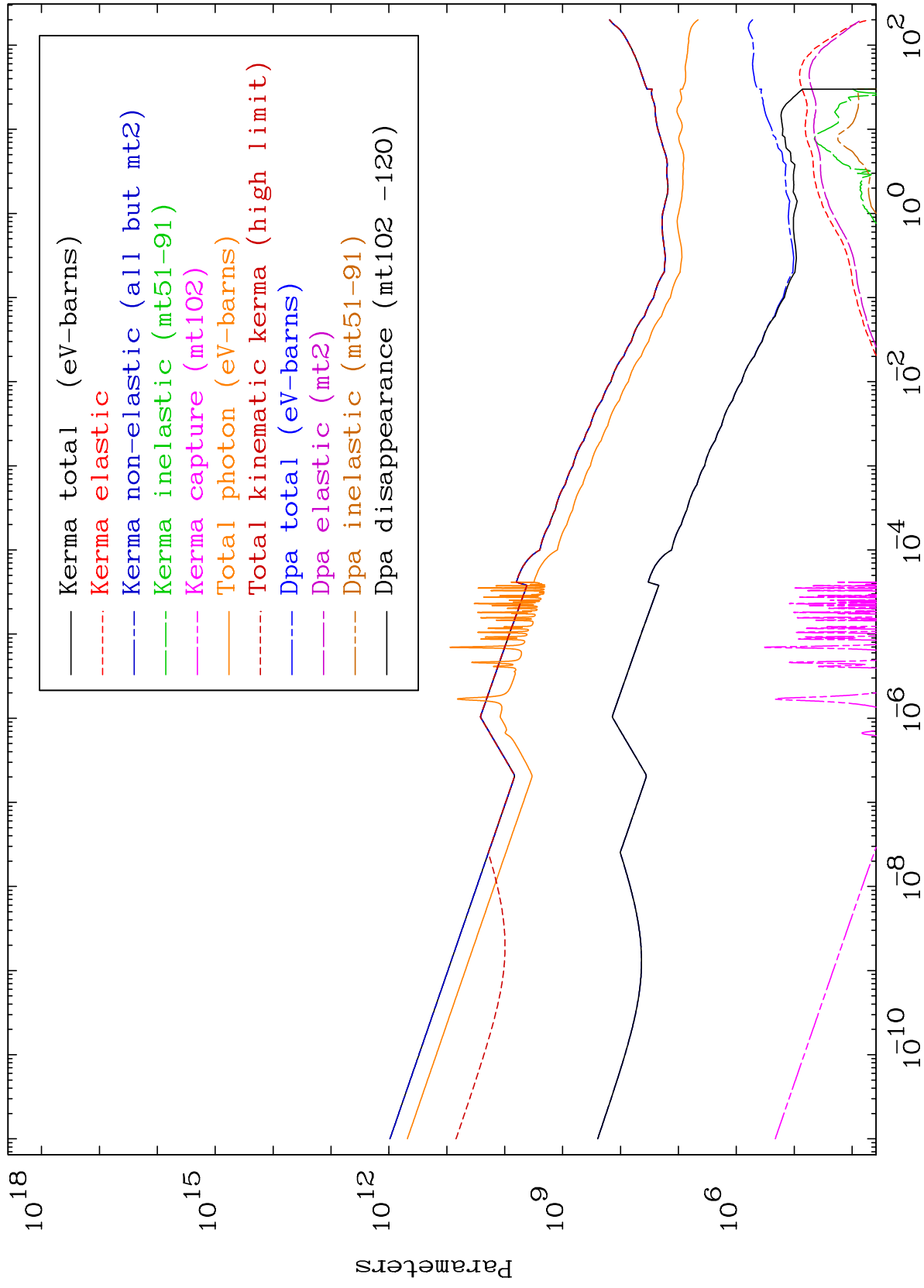
68-Er-149



12

Incident Energy (MeV)

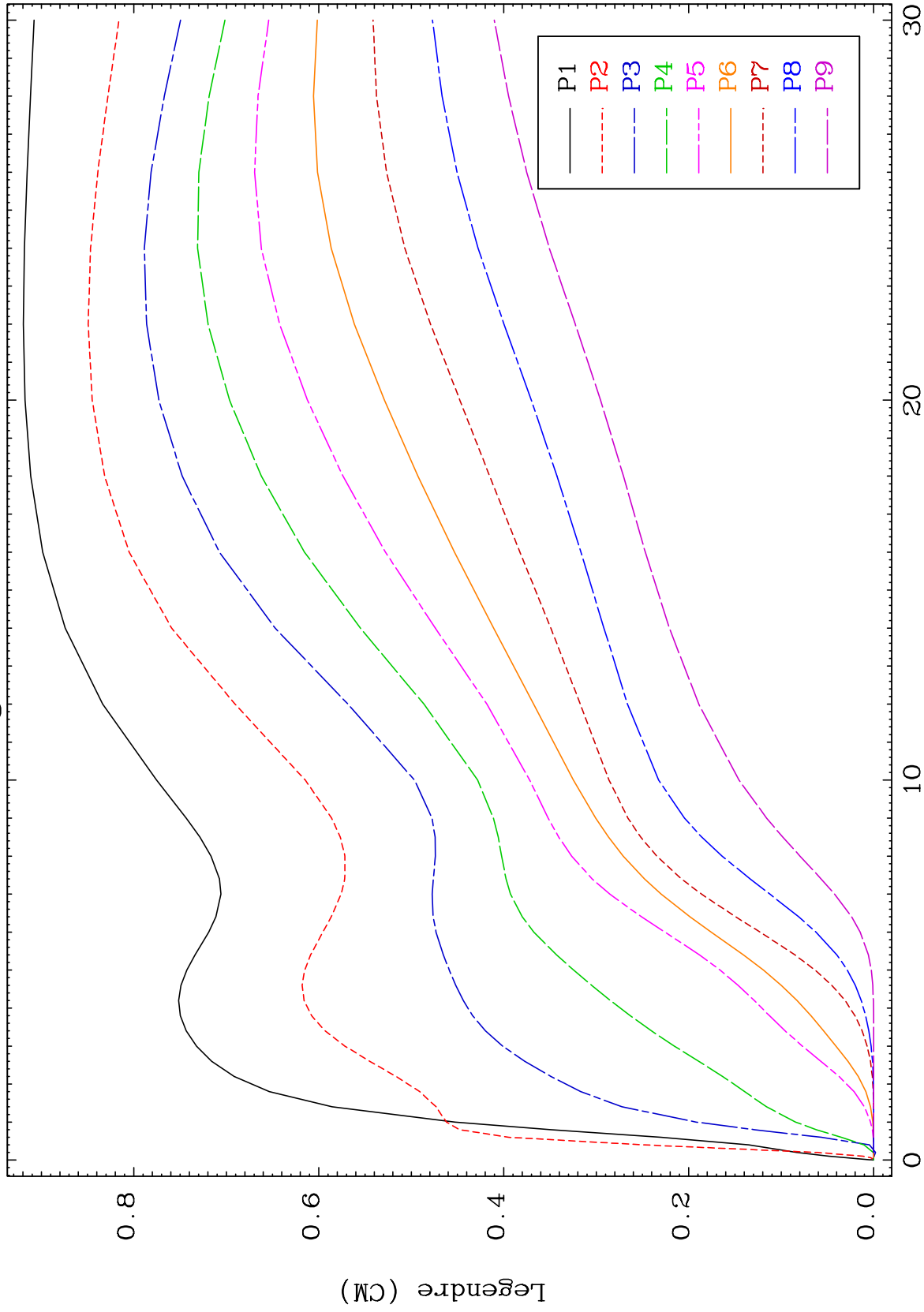
68-Er-149



MAT 6786

Elastic Legendre Coefficients

68-Er-149



14

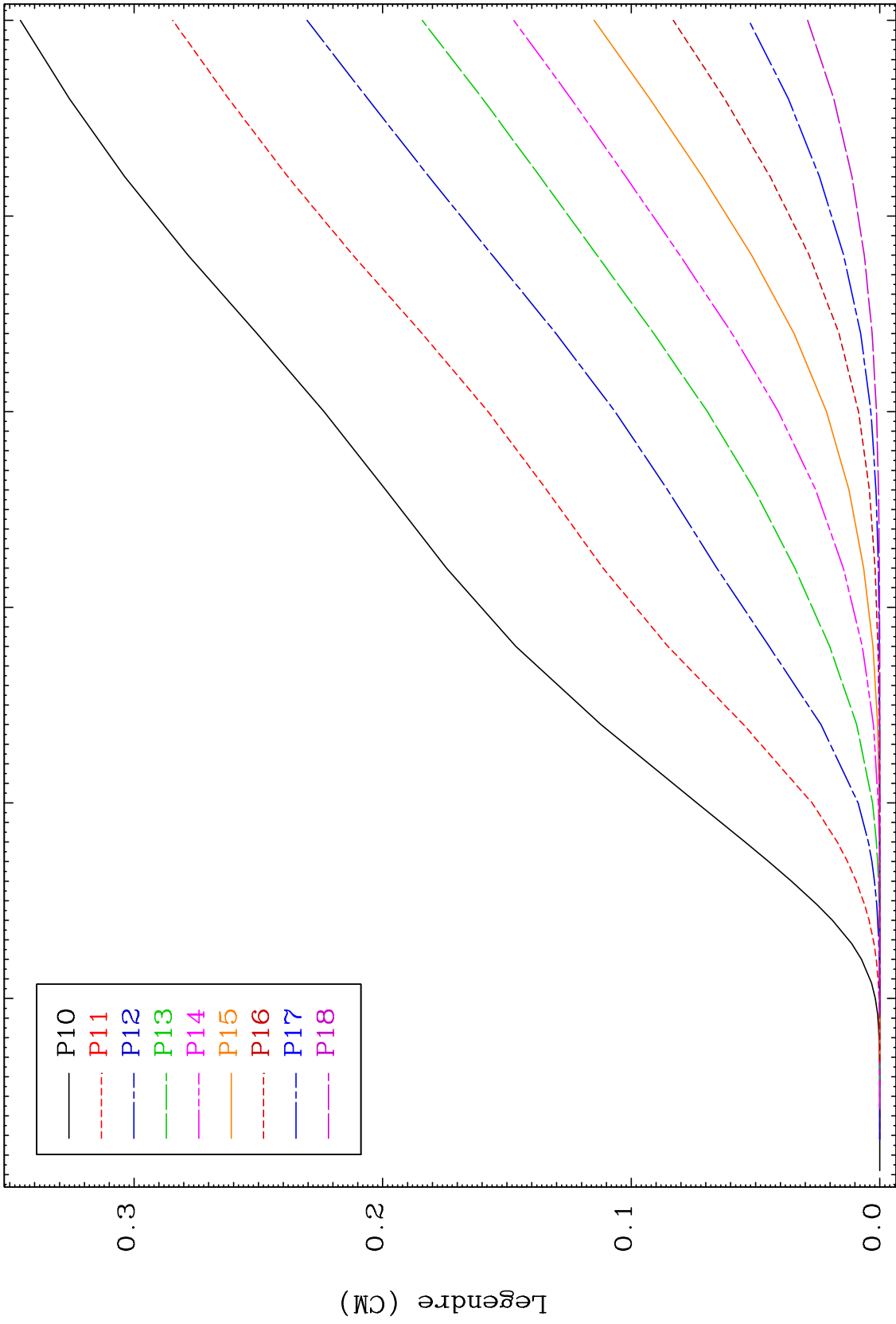
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



15

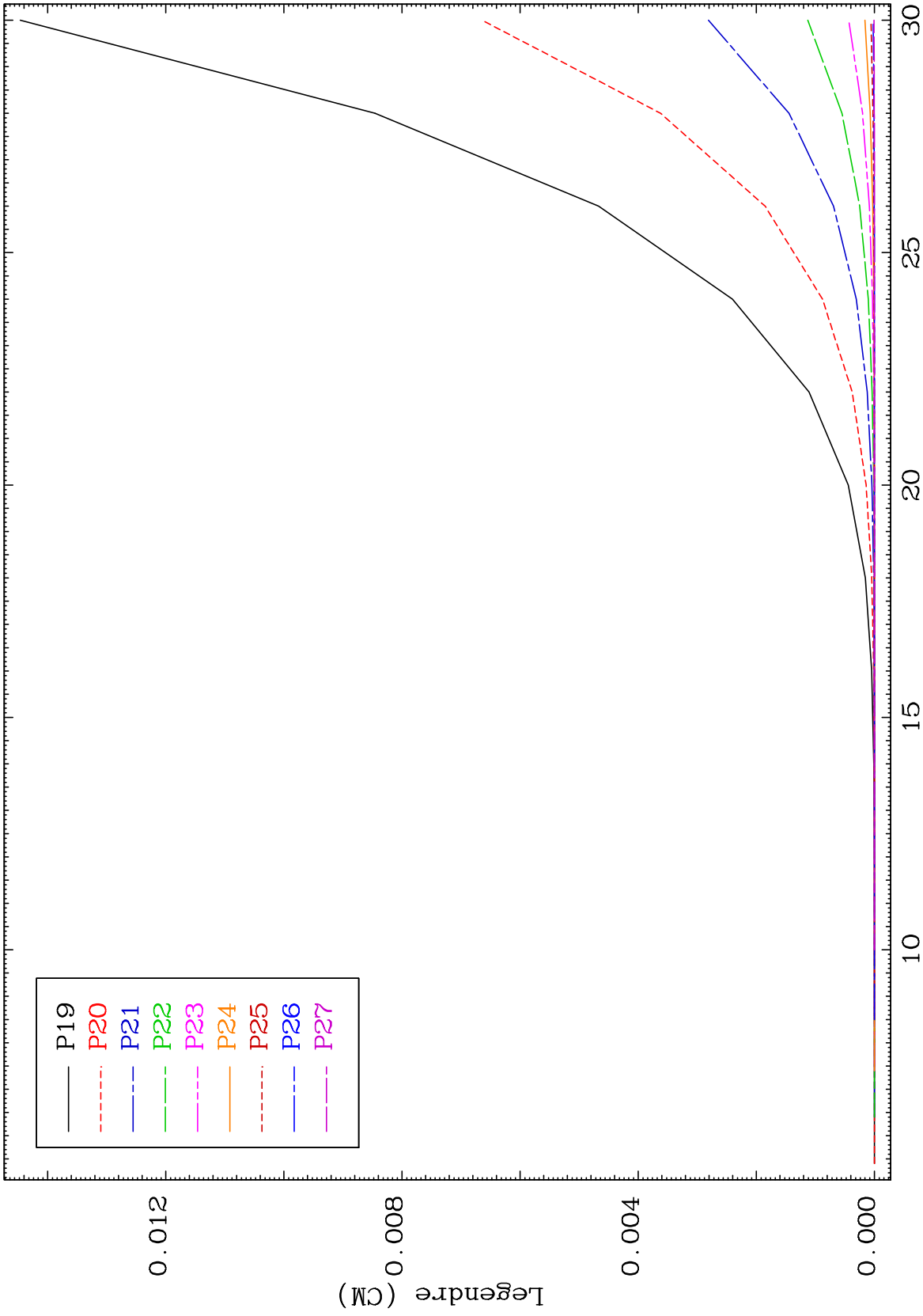
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



16

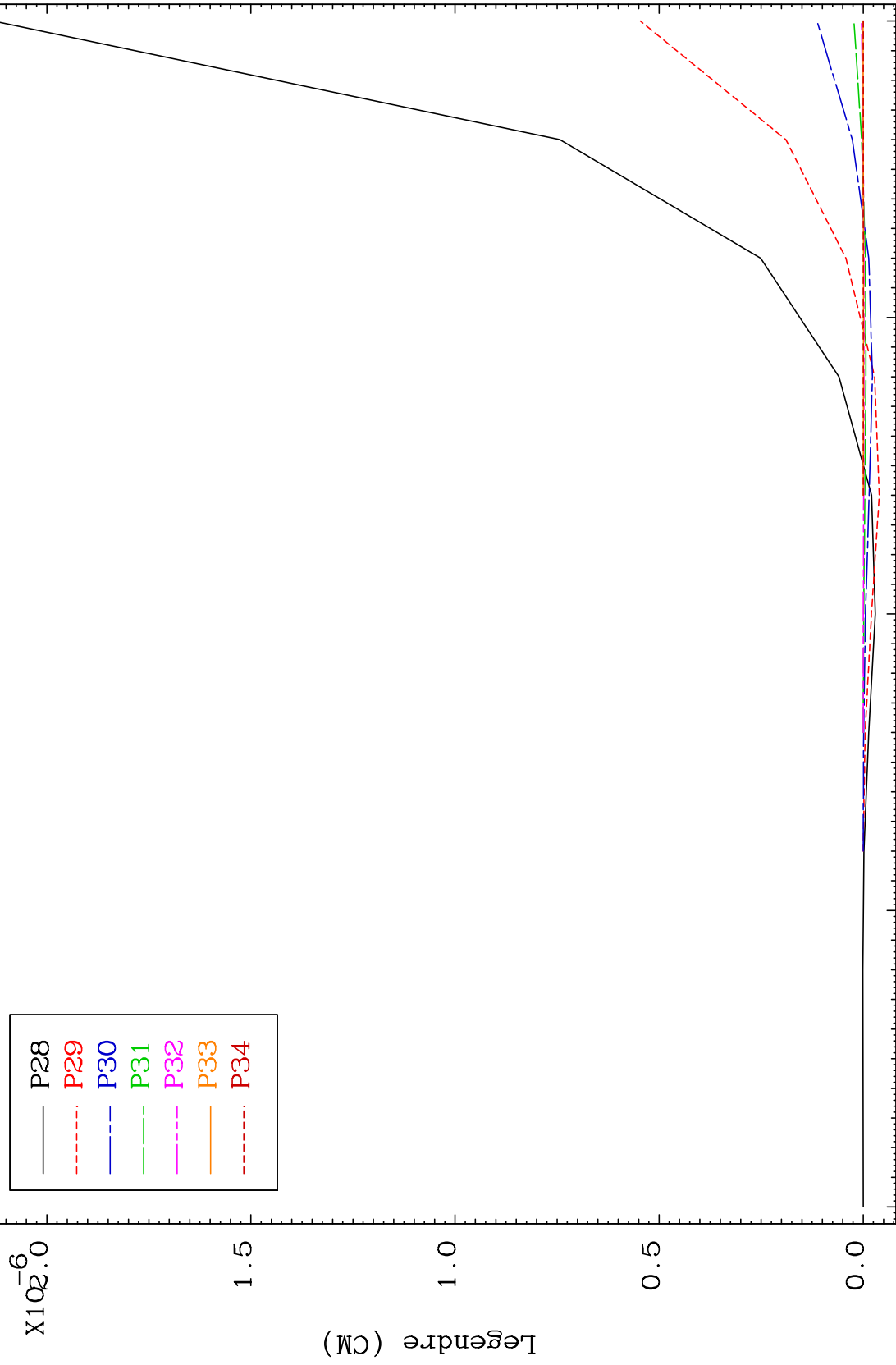
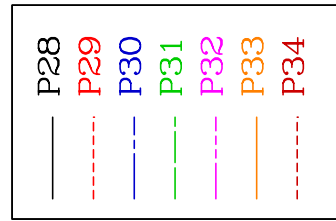
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



17

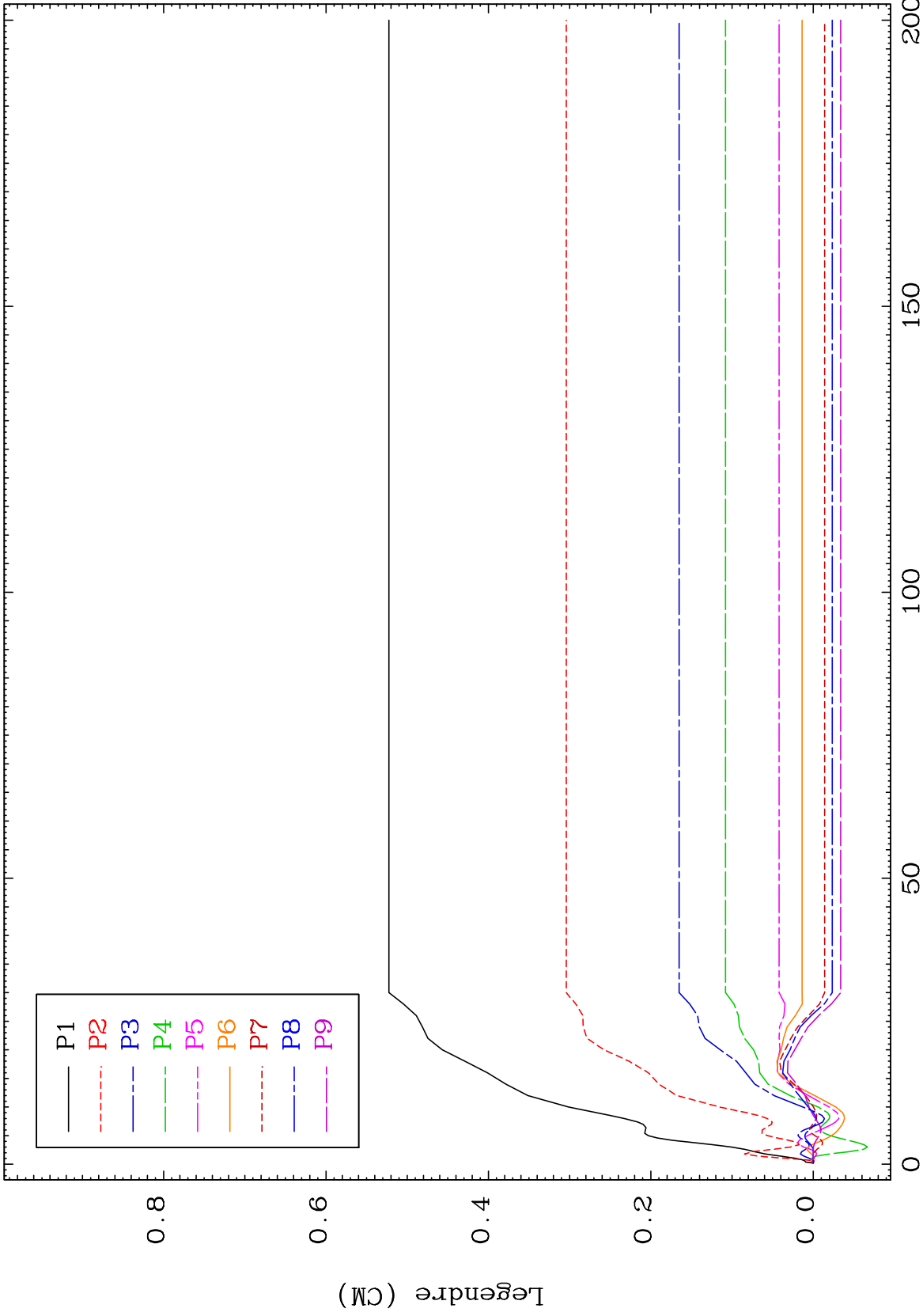
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



18

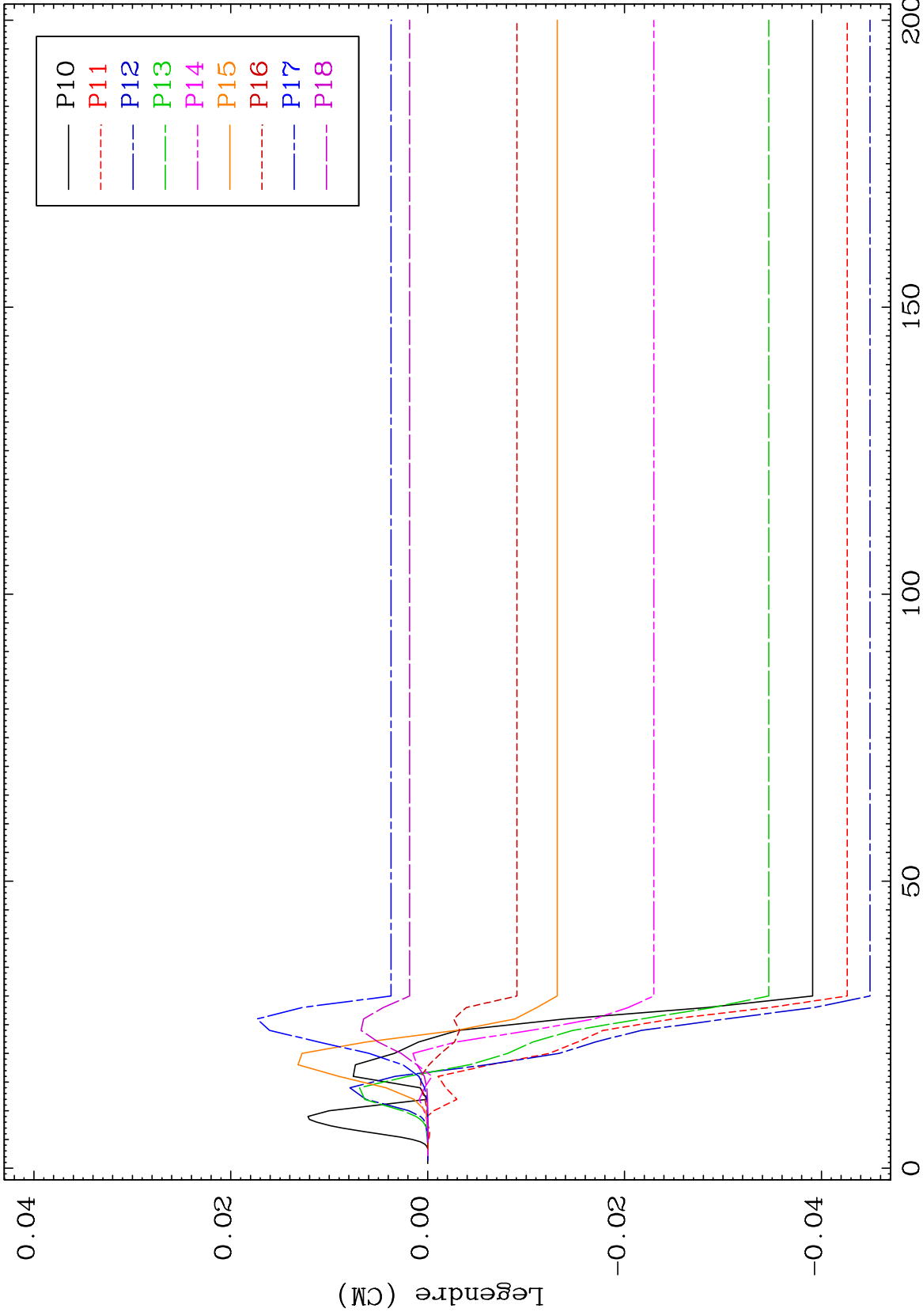
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



19

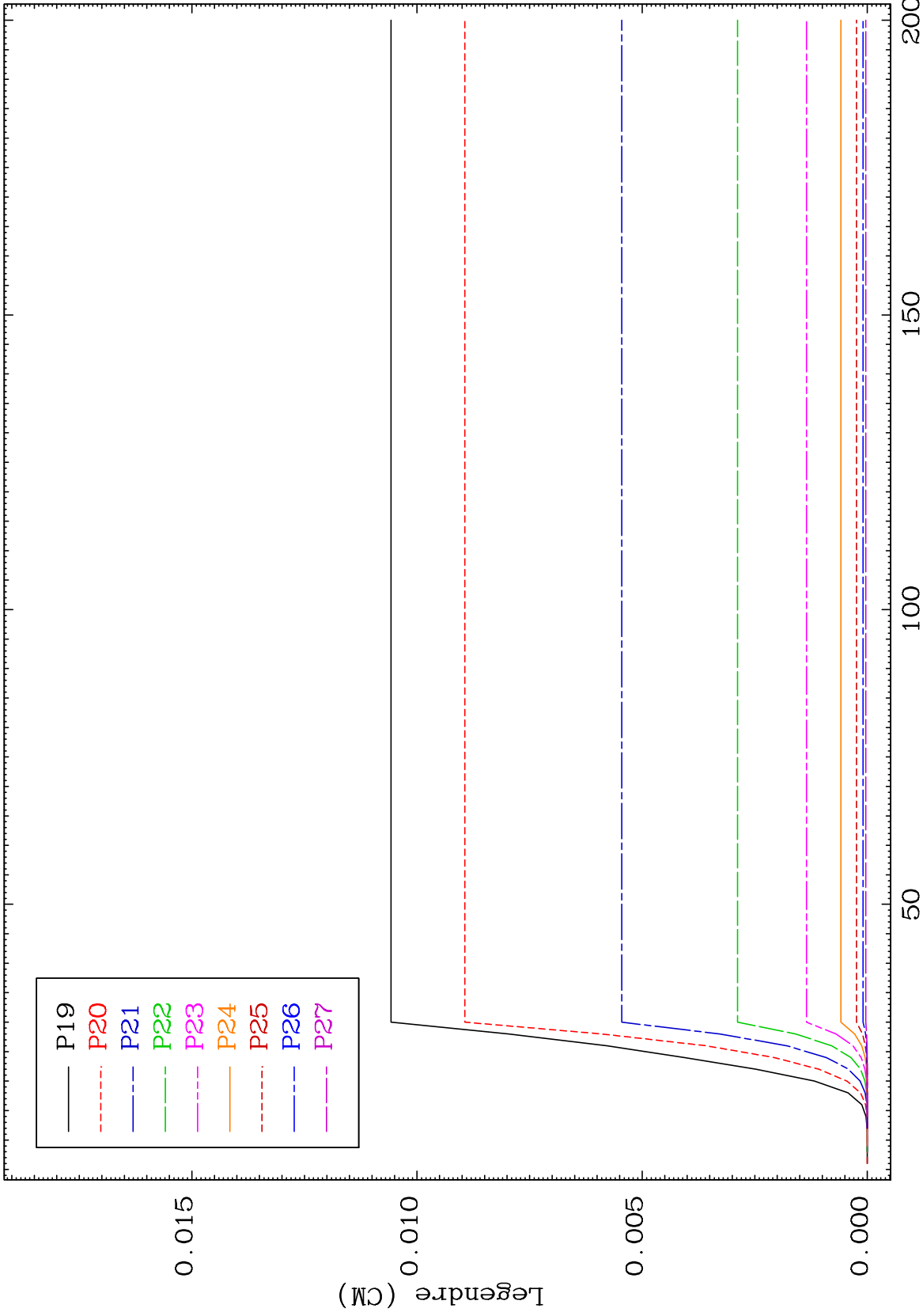
Incident Energy (MeV)

68-Er-149

MAT 6786

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

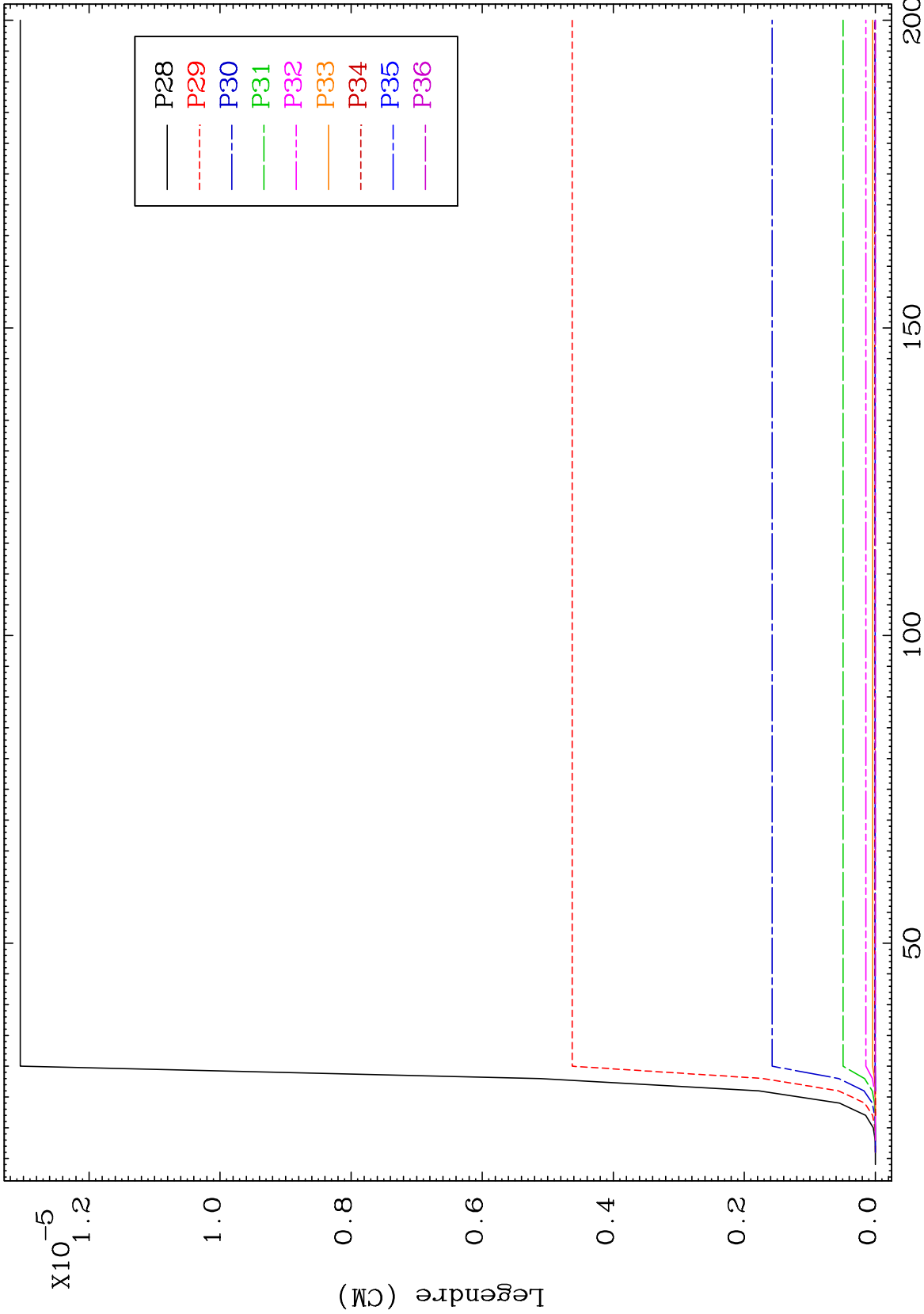
68-Er-149



20

Incident Energy (MeV)

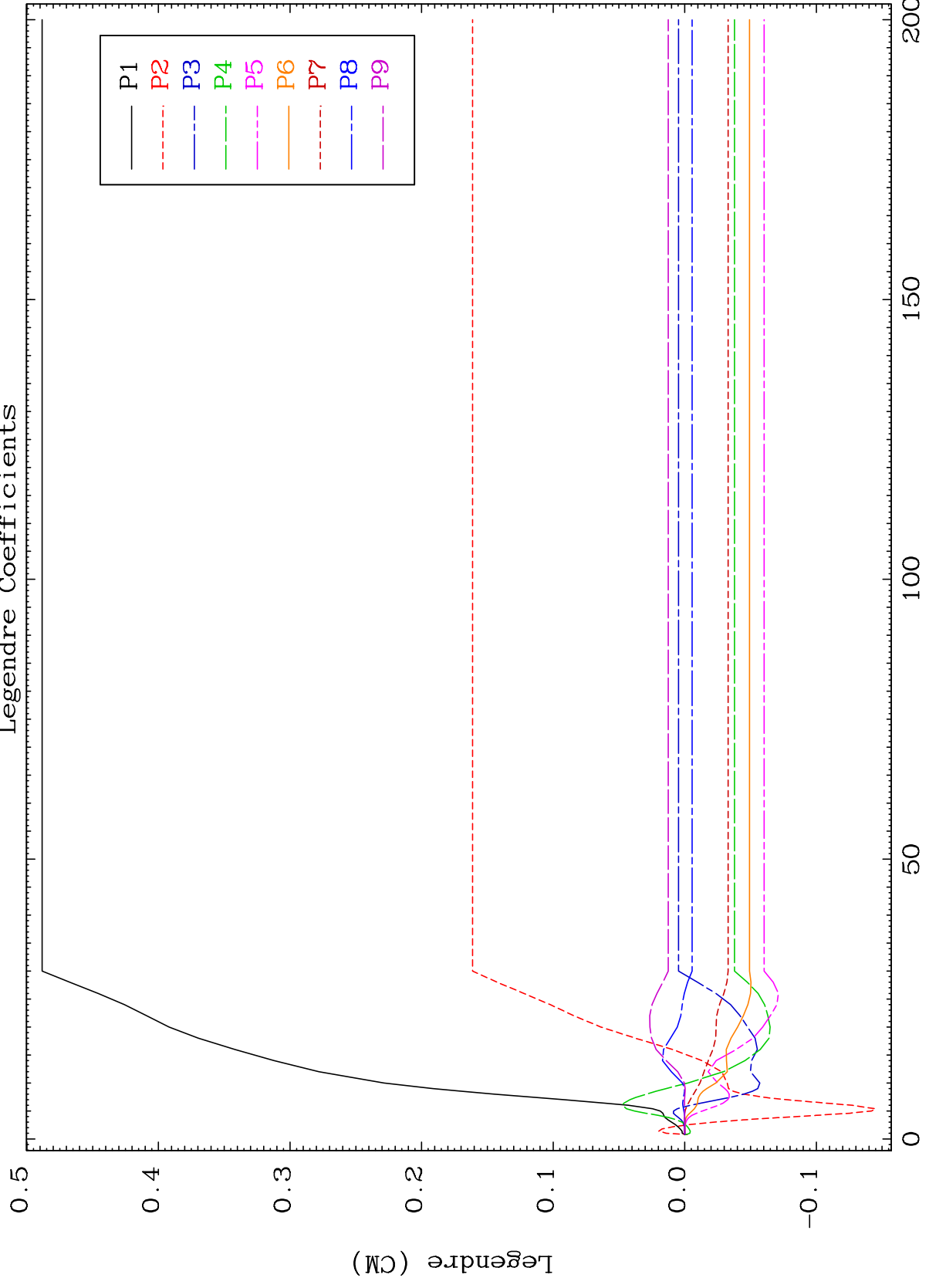
68-Er-149



MAT 6786

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

68-Er-149



22

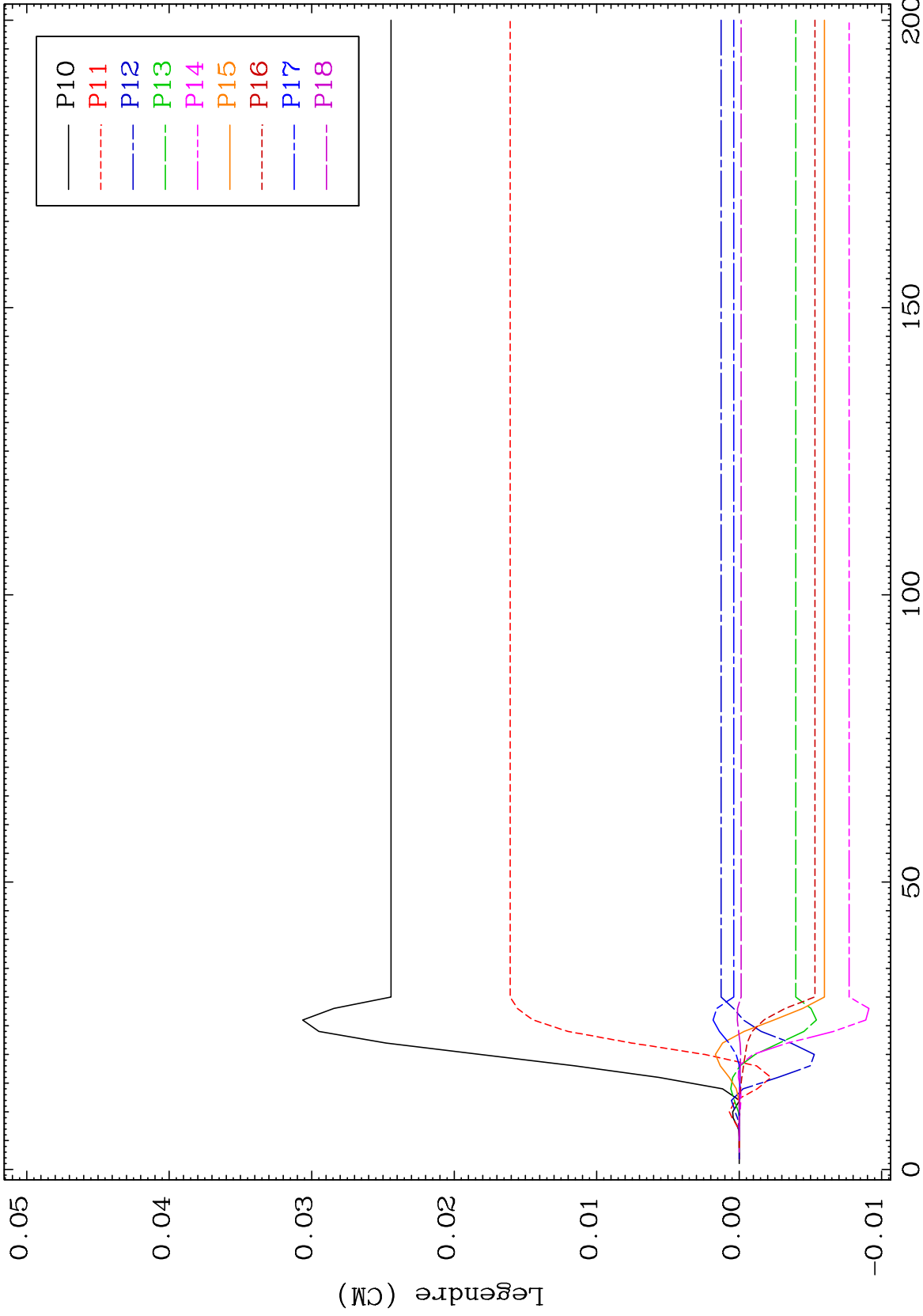
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



23

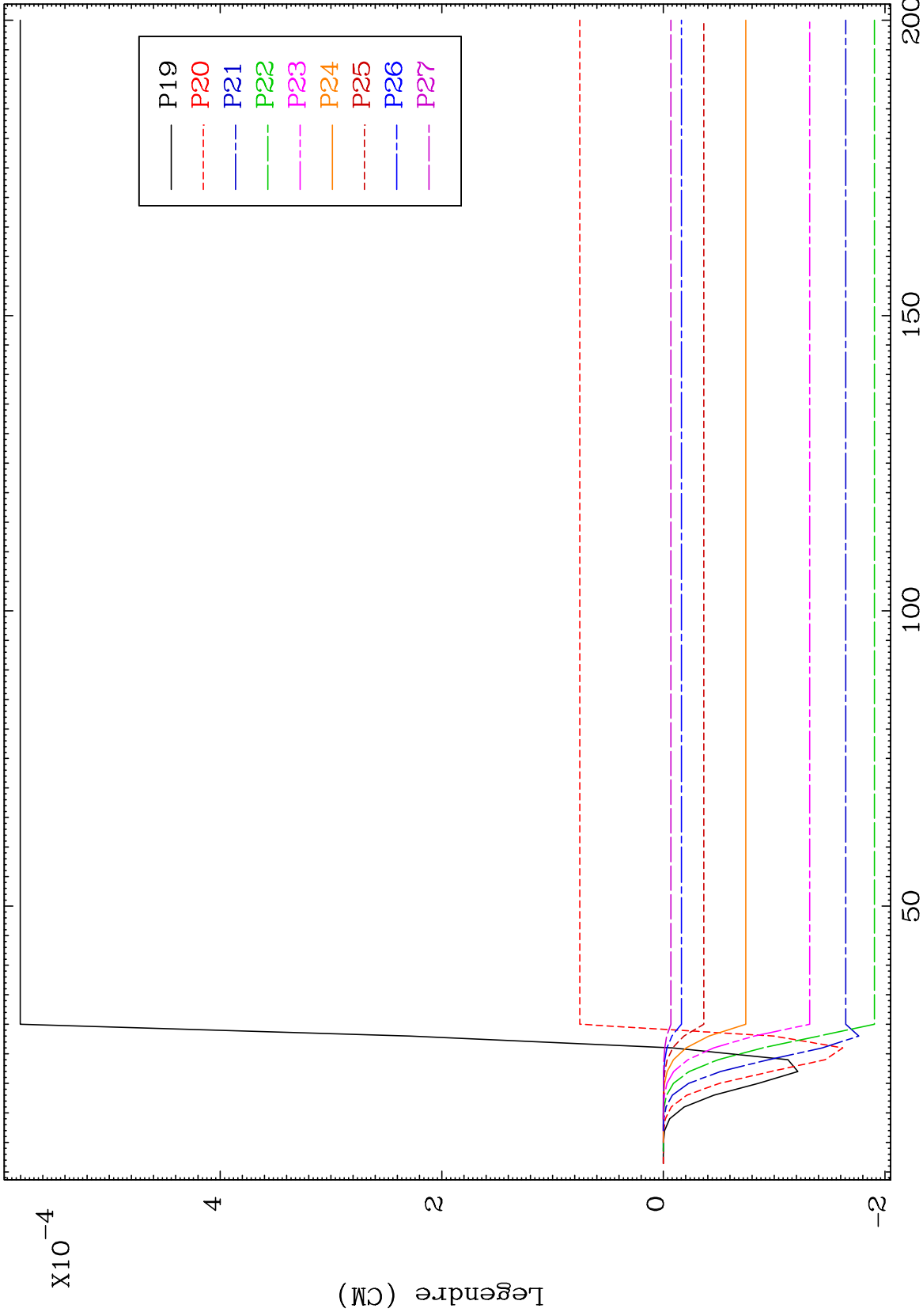
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



24

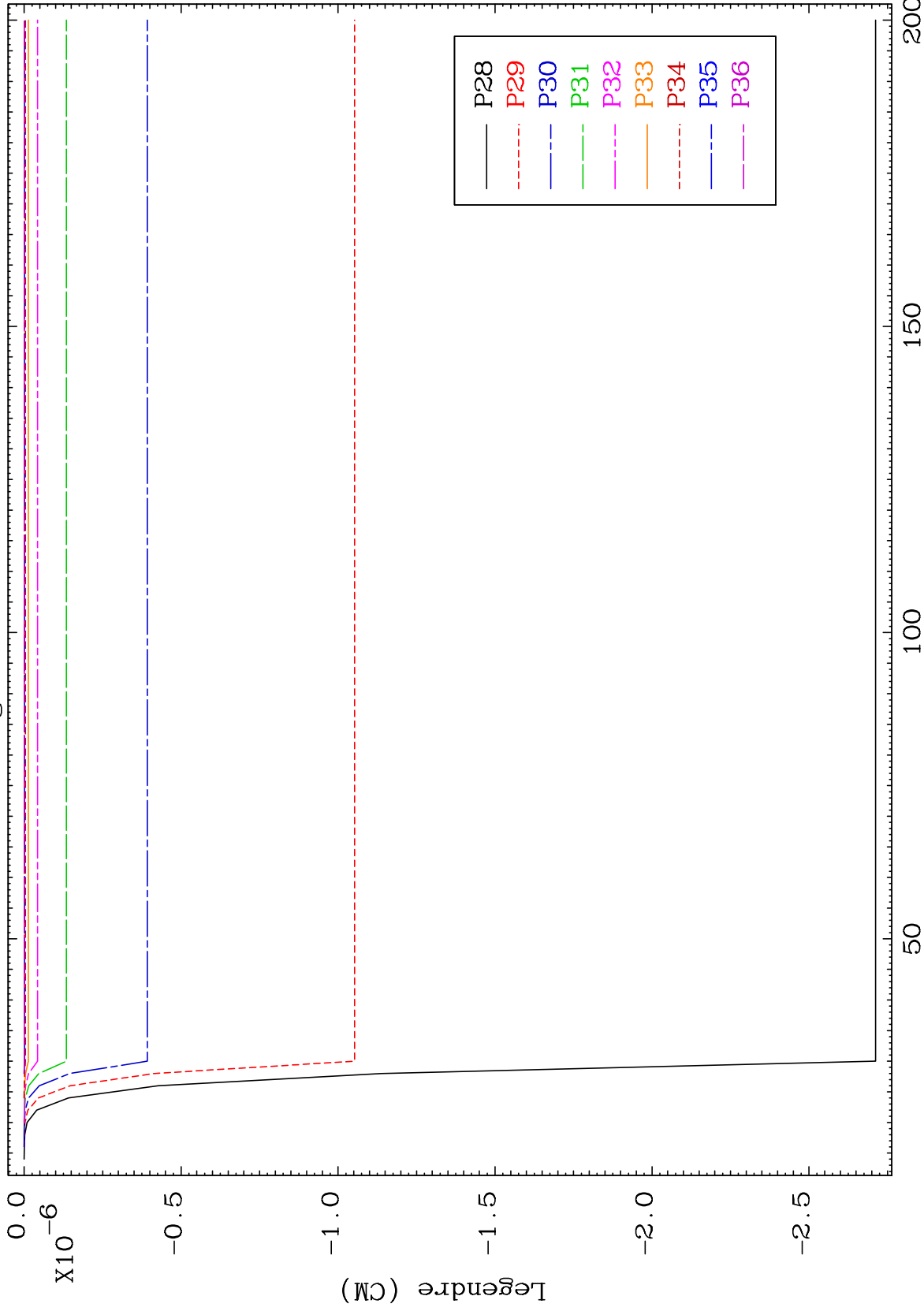
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



68-Er-149

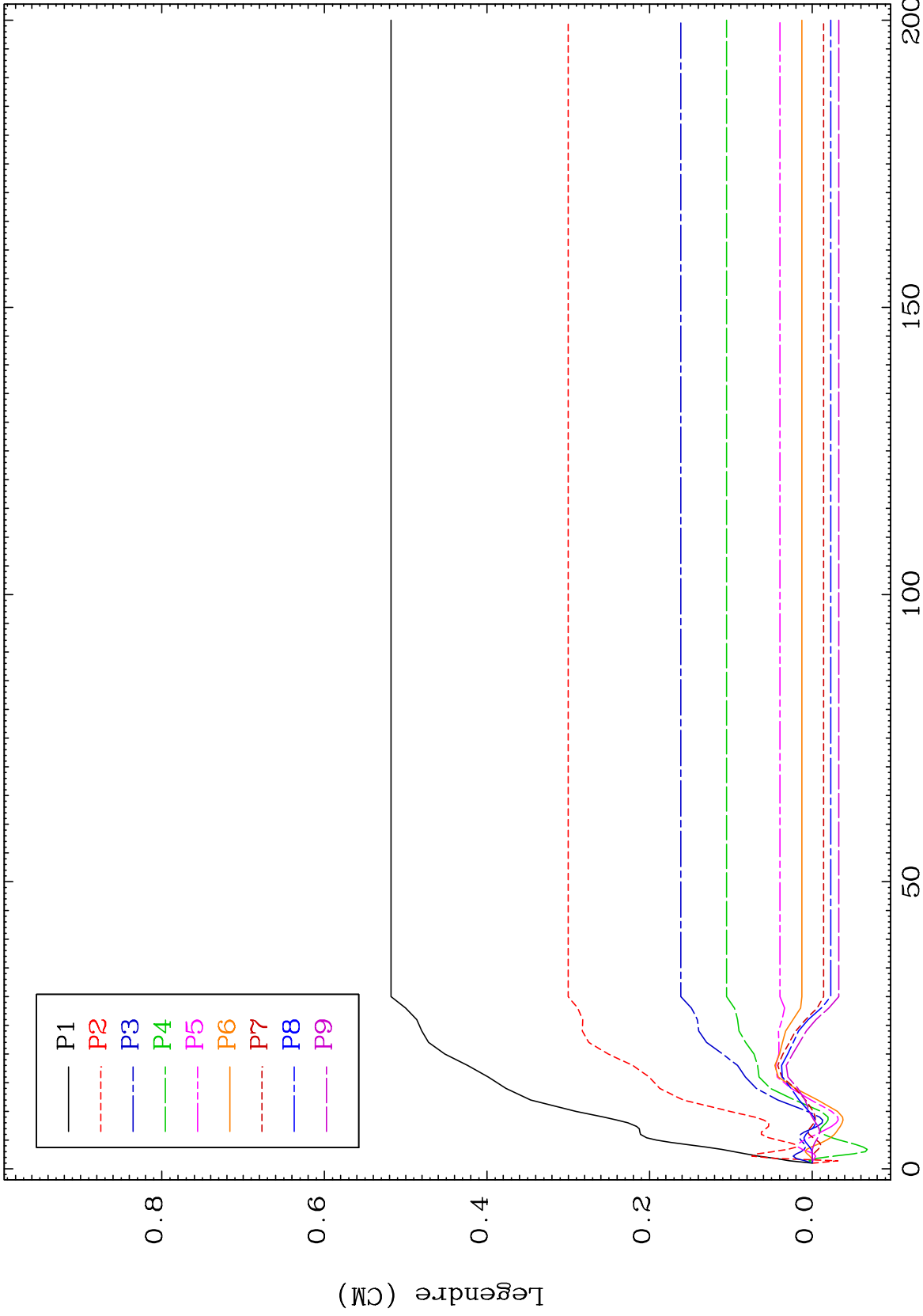
Incident Energy (MeV)

25

MAT 6786

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

68-Er-149



26

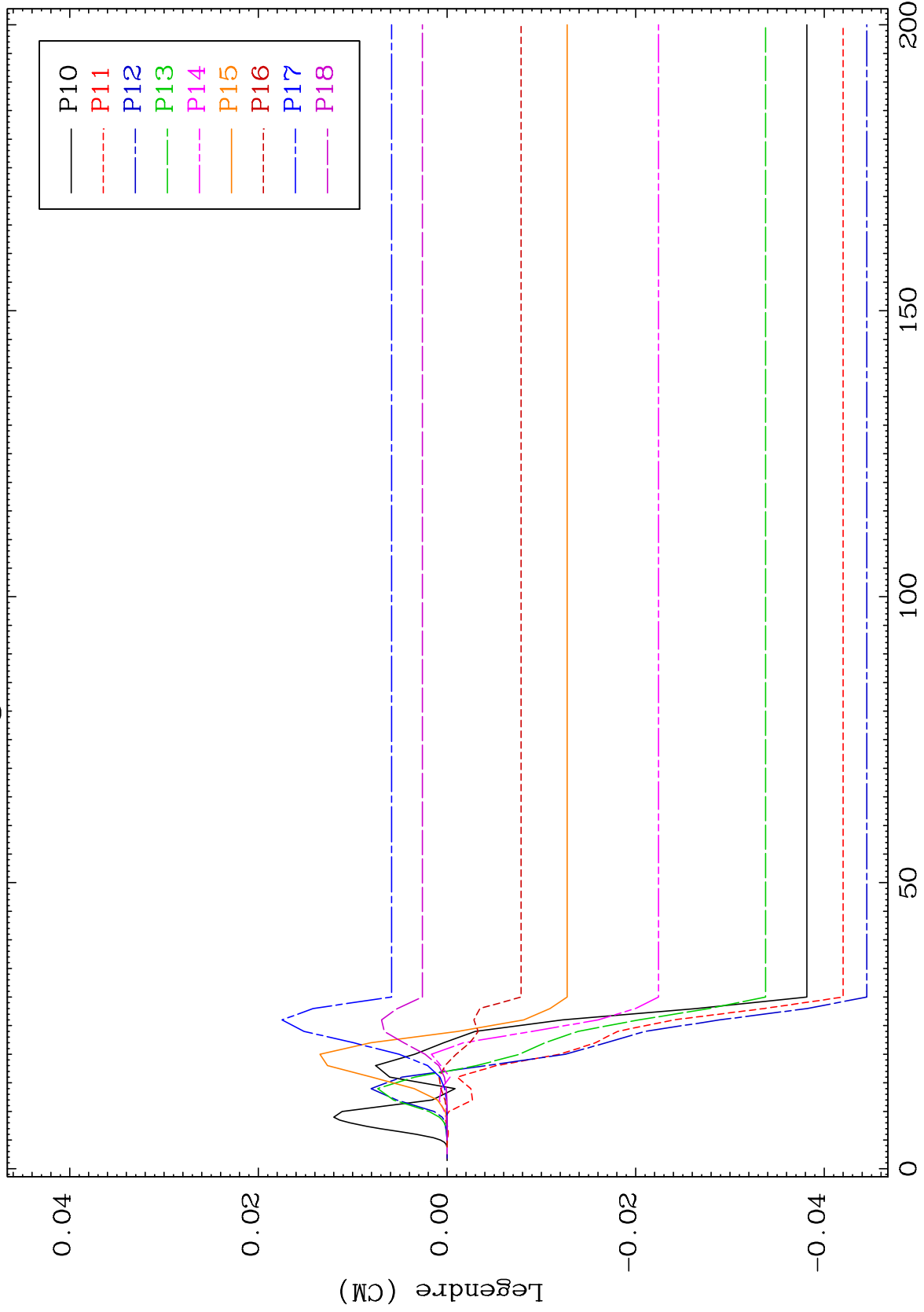
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



27

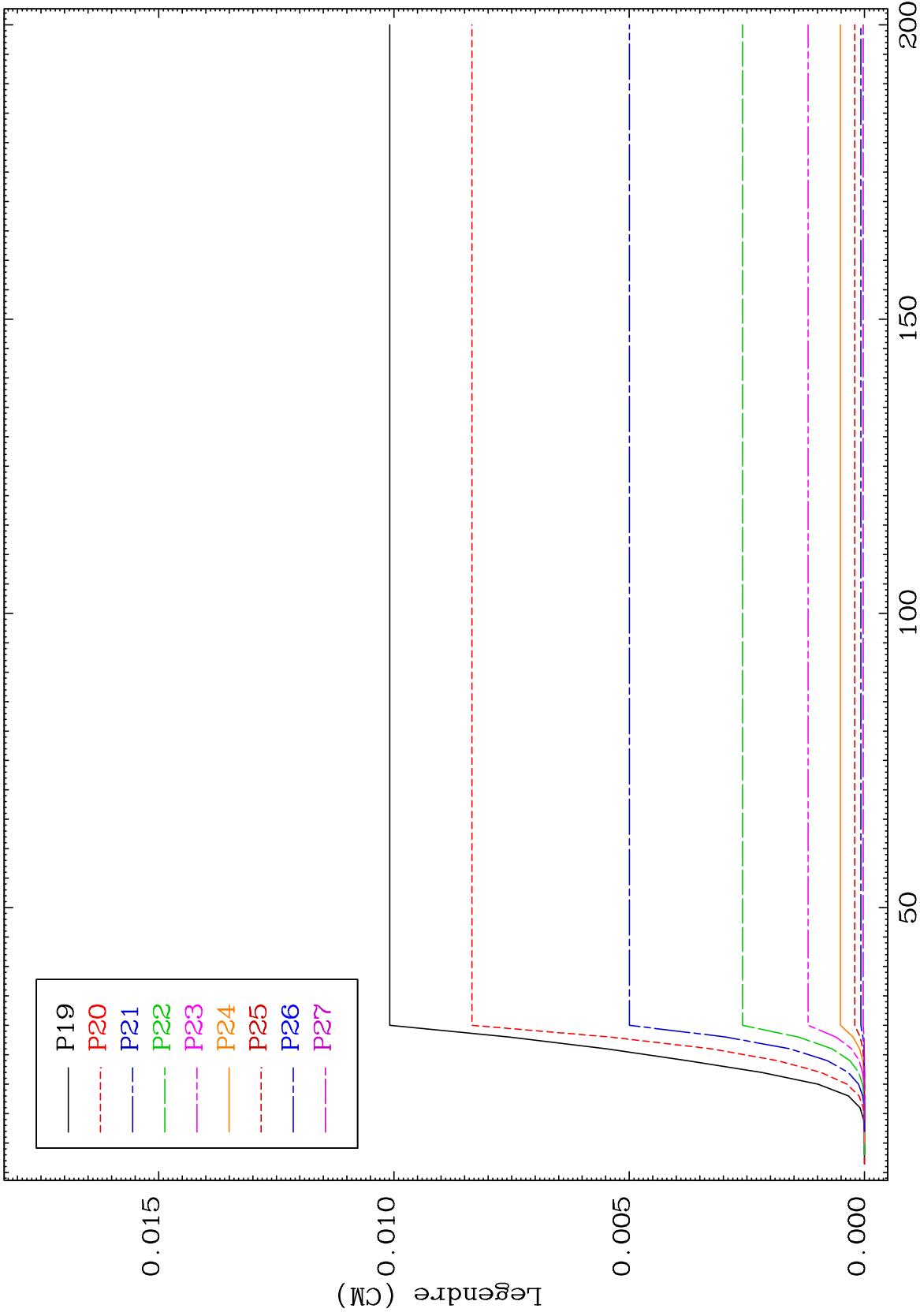
Incident Energy (MeV)

68-Er-149

MAT 6786

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

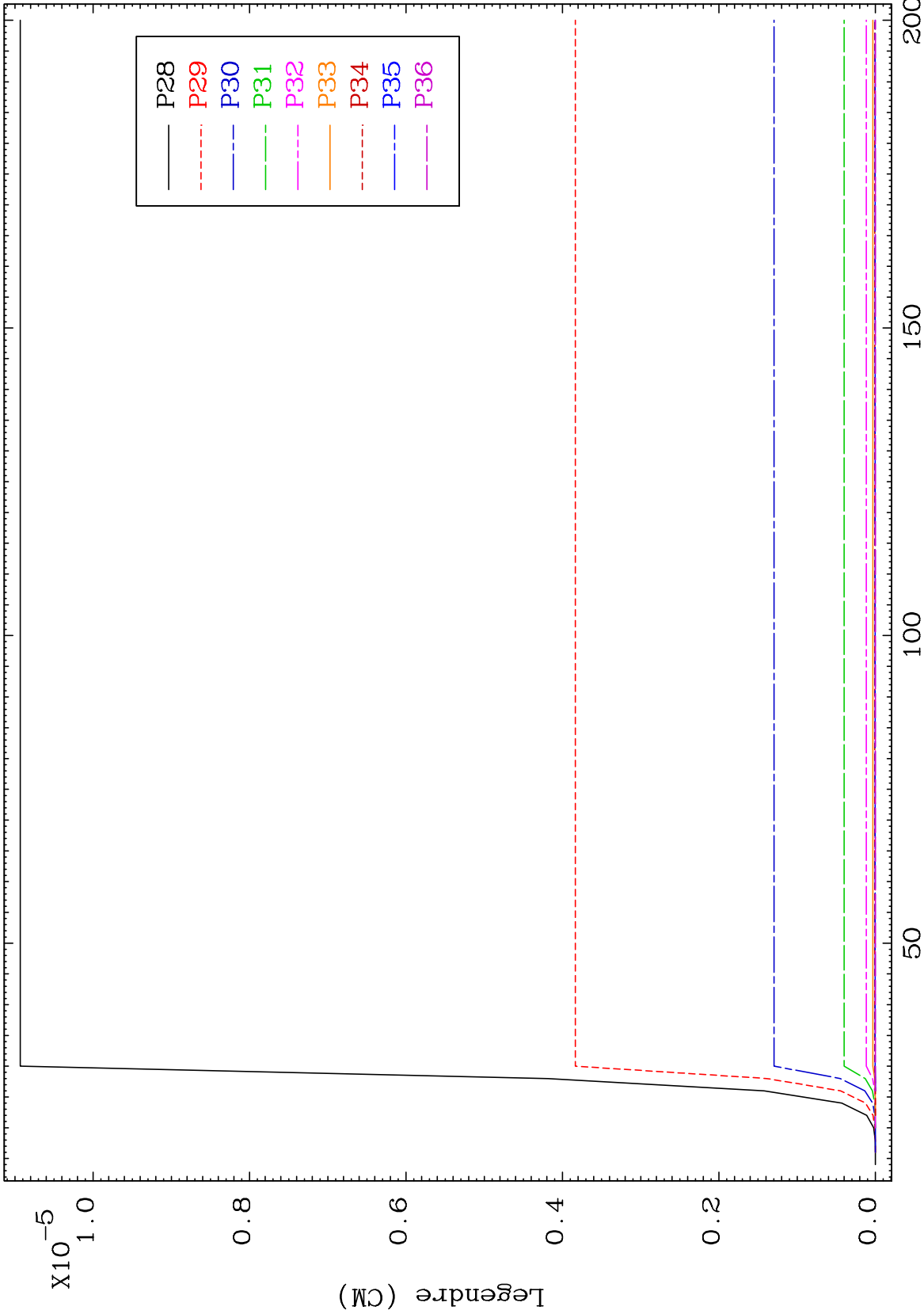
68-Er-149



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Incident Energy (MeV)

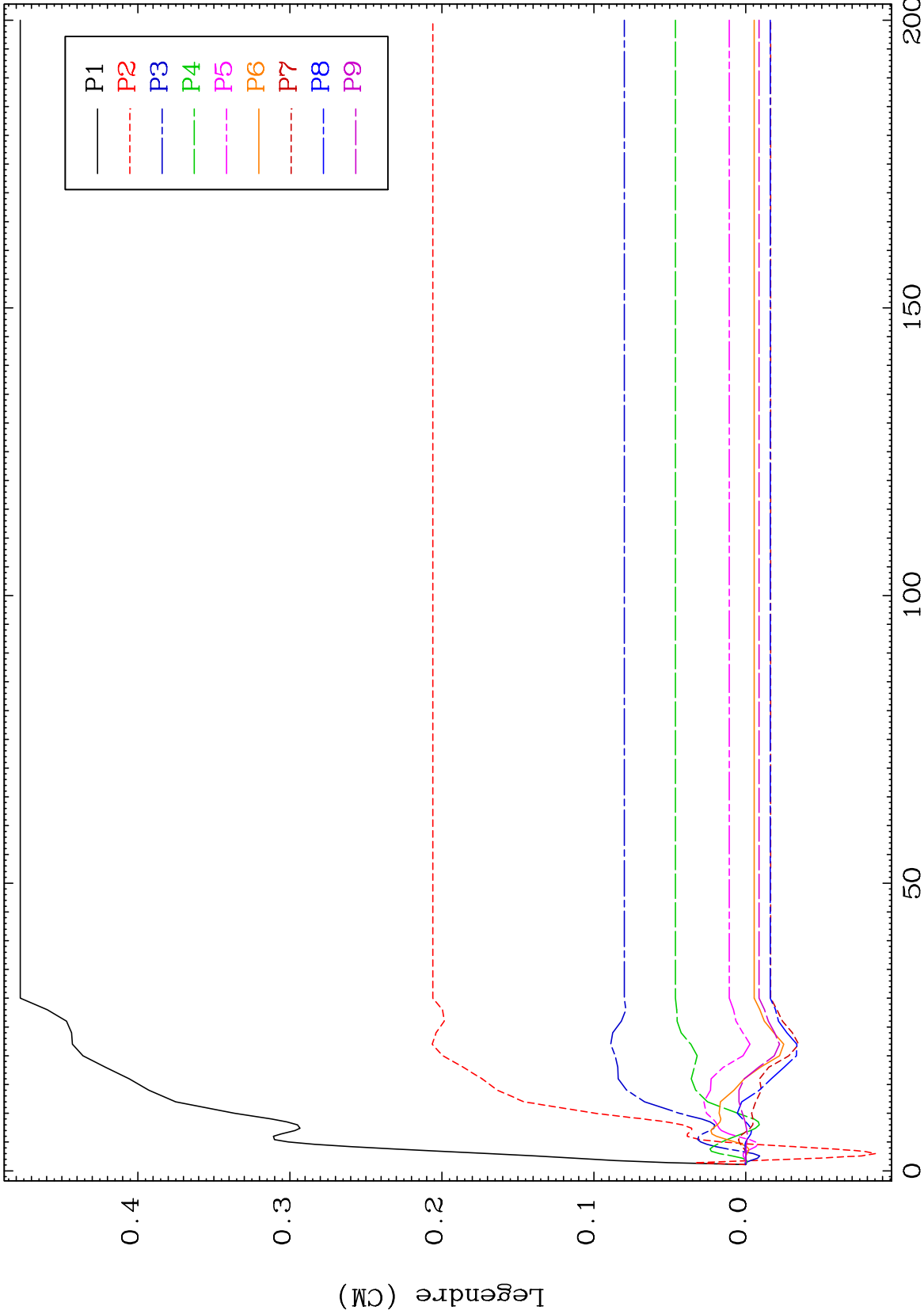
68-Er-149



MAT 6786

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

68-Er-149



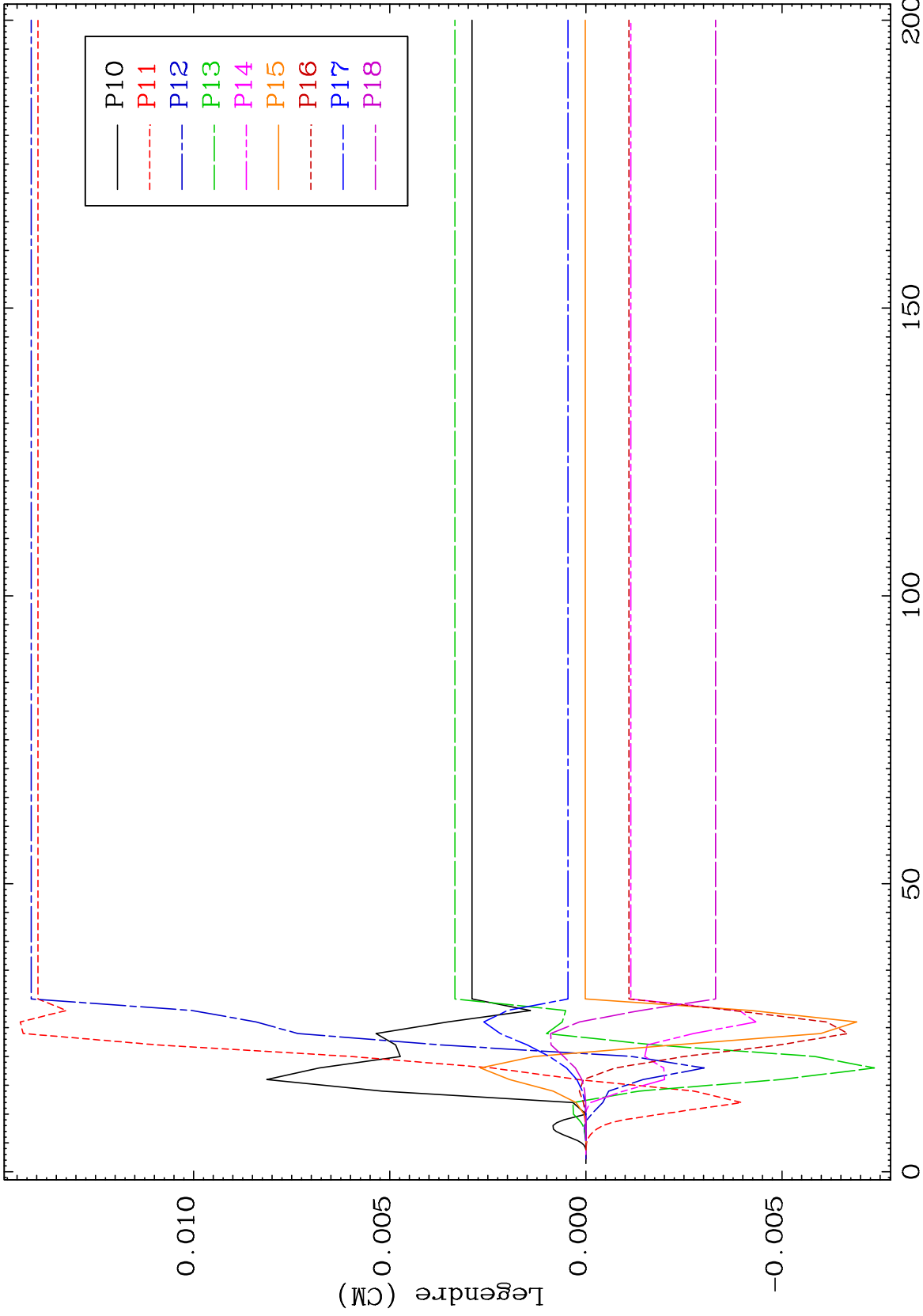
68-Er-149

Incident Energy (MeV)

MAT 6786

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

68-Er-149



31

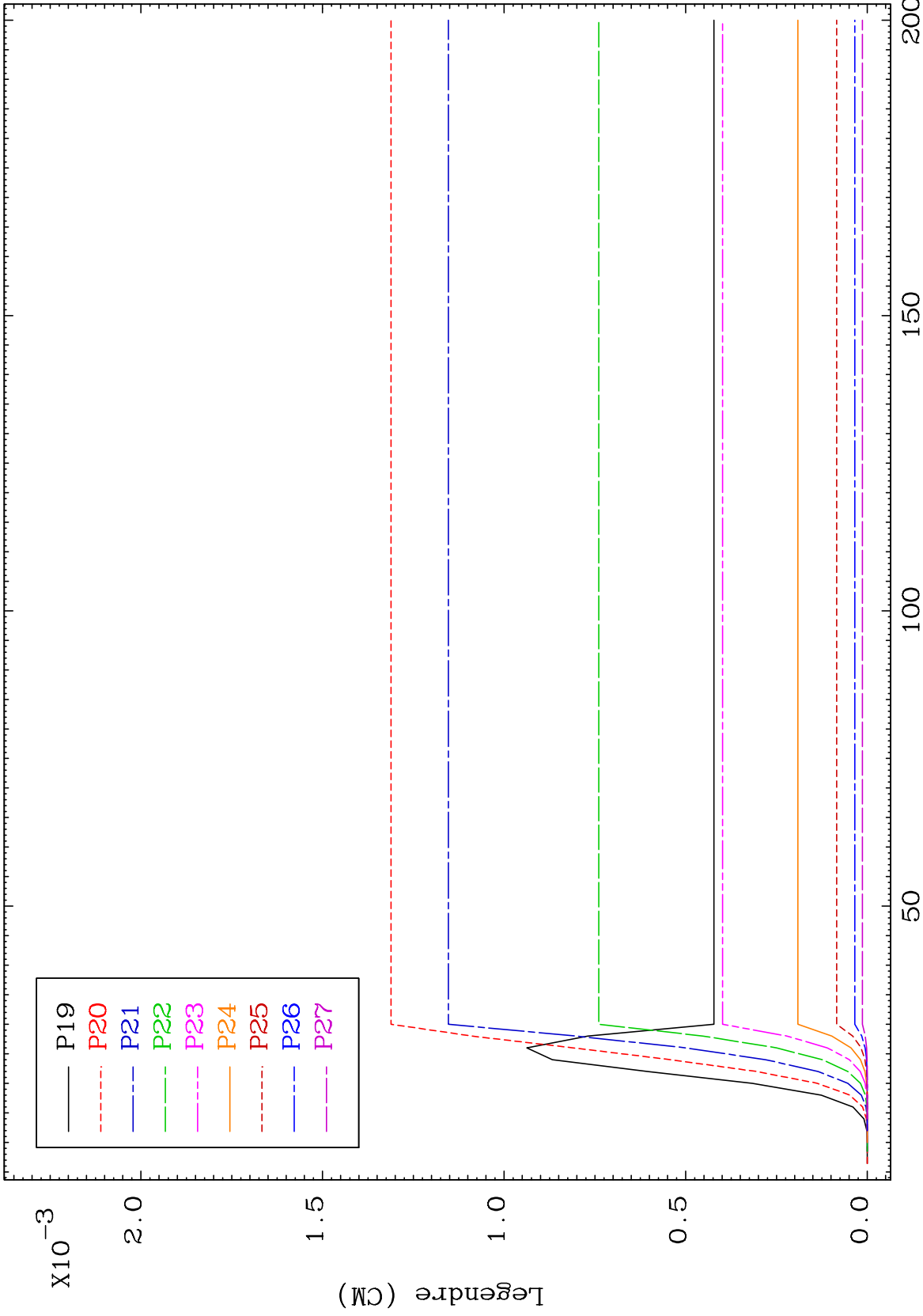
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



32

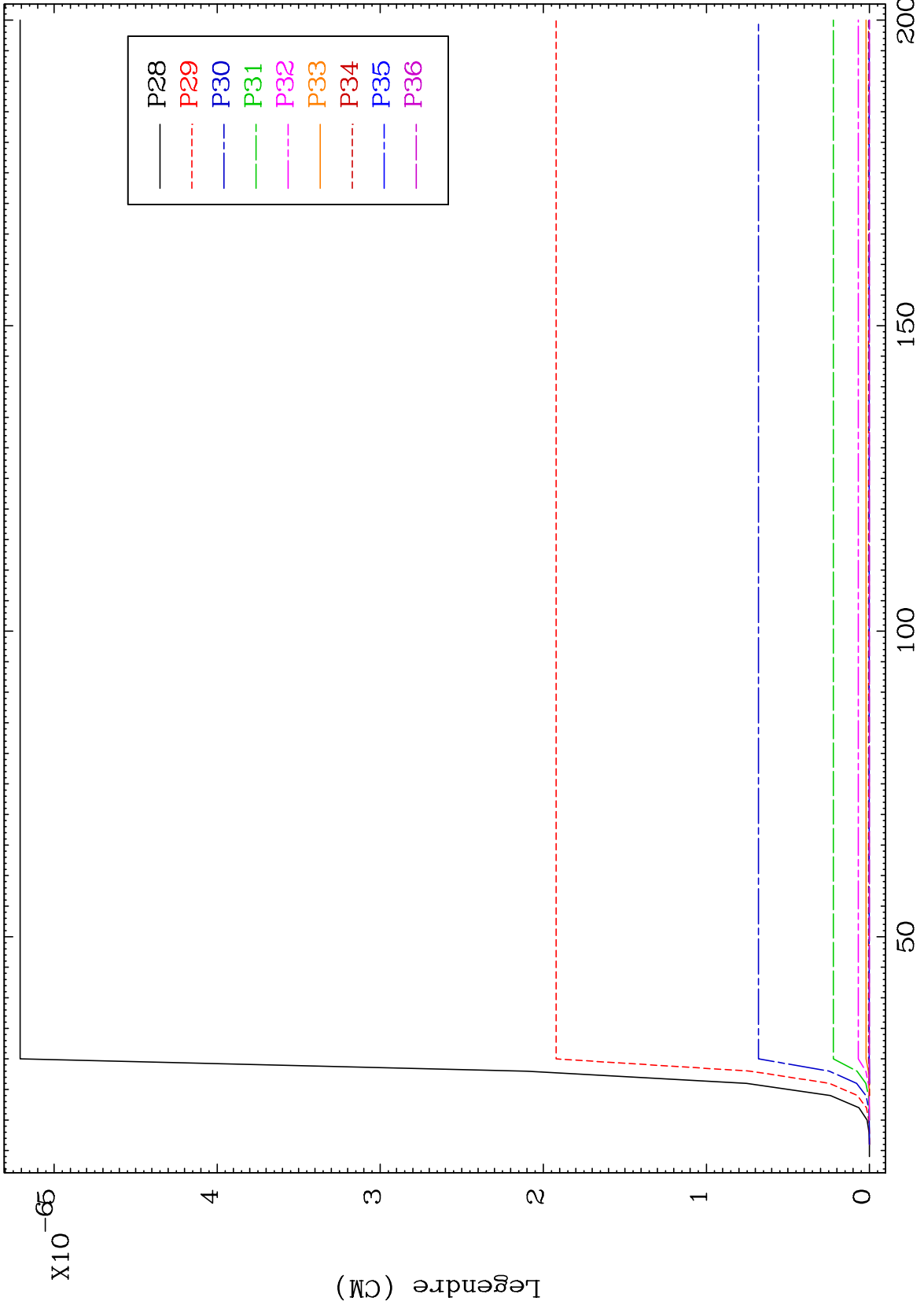
Incident Energy (MeV)

68-Er-149

MAT 6786

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

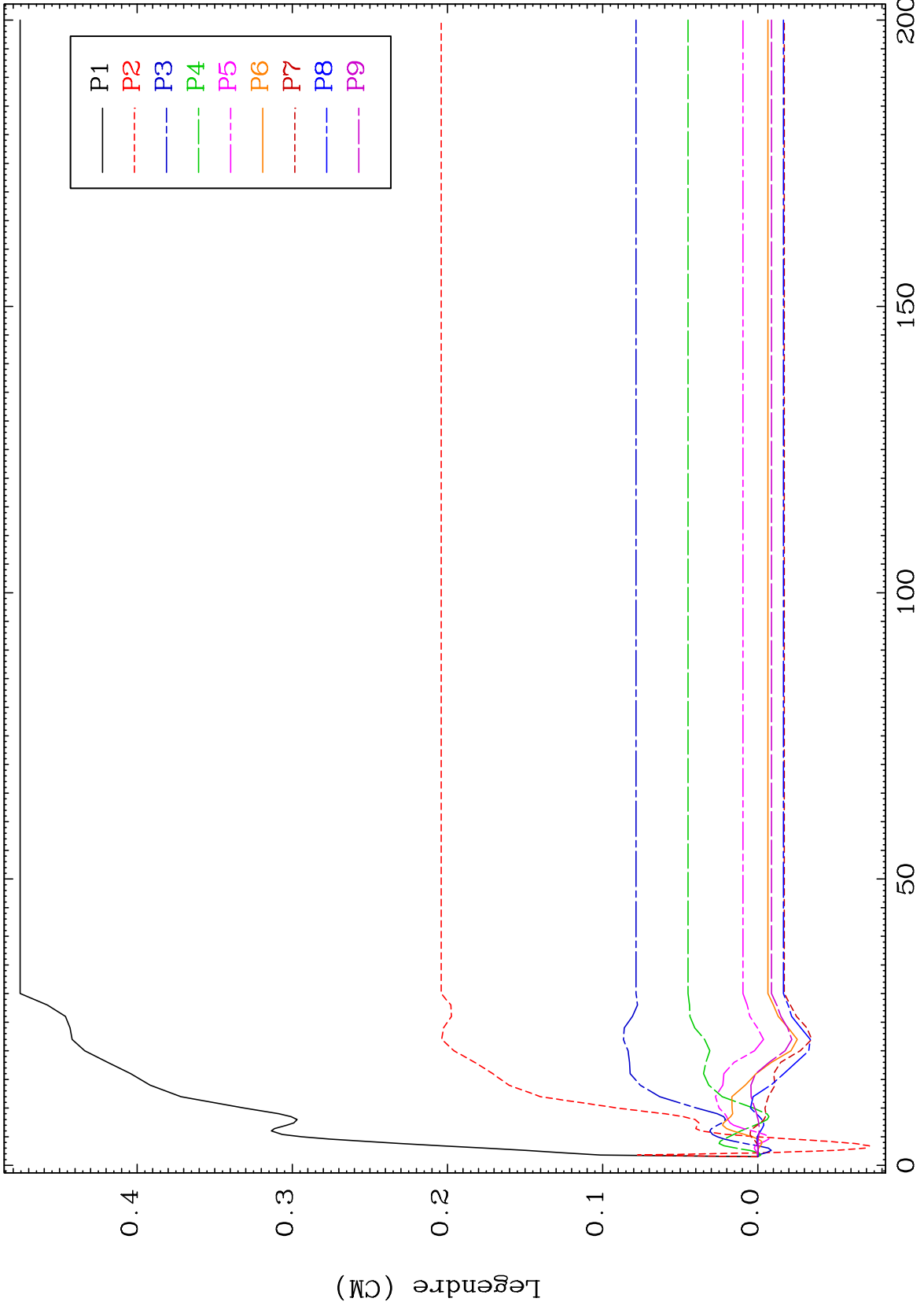
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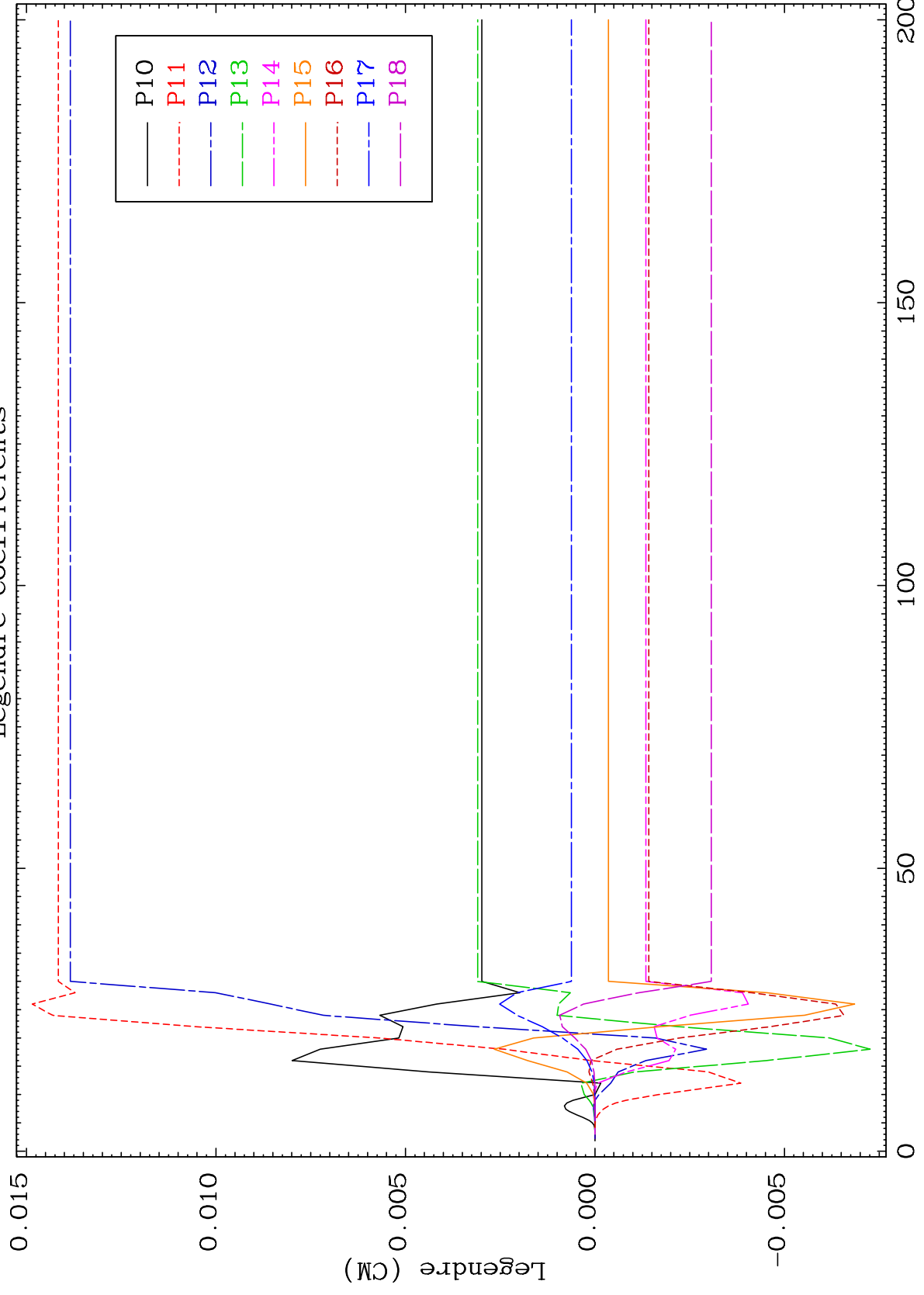
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Incident Energy (MeV)

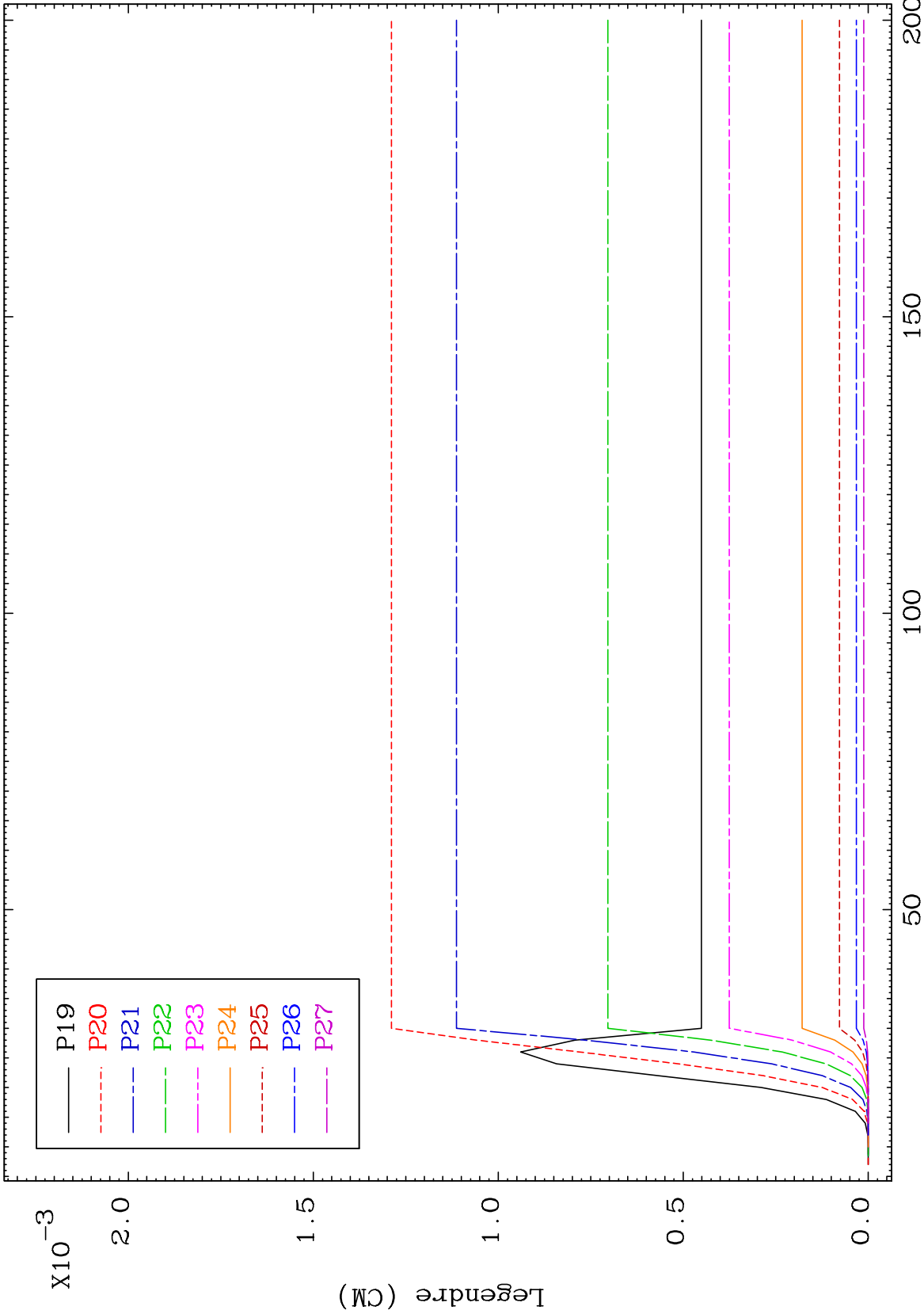
68-Er-149



MAT 6786 MT= 55 (n, n') Level Legendre Coefficients 68-Er-149



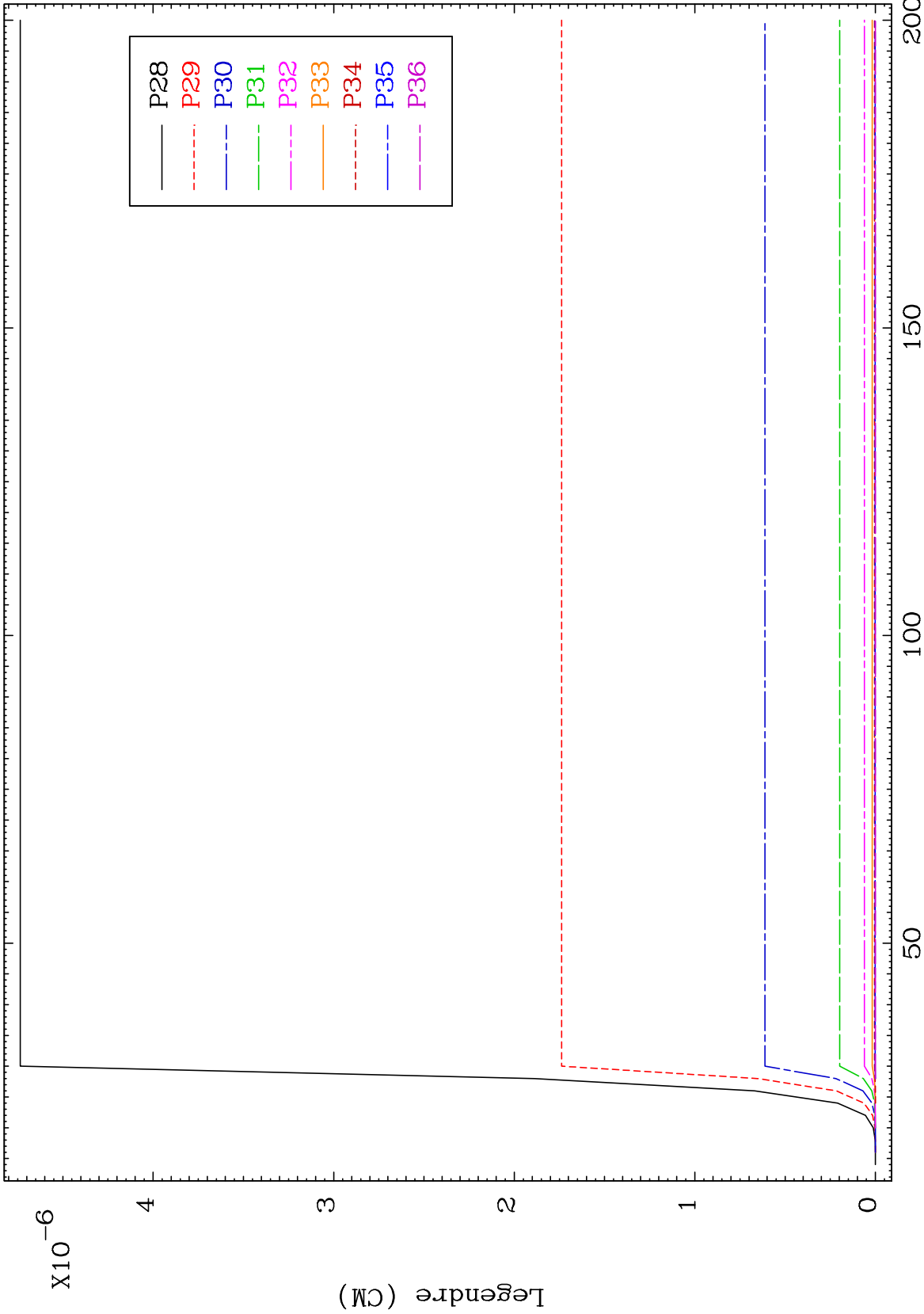
35 Incident Energy (MeV) 68-Er-149



MAT 6786

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

68-Er-149



37

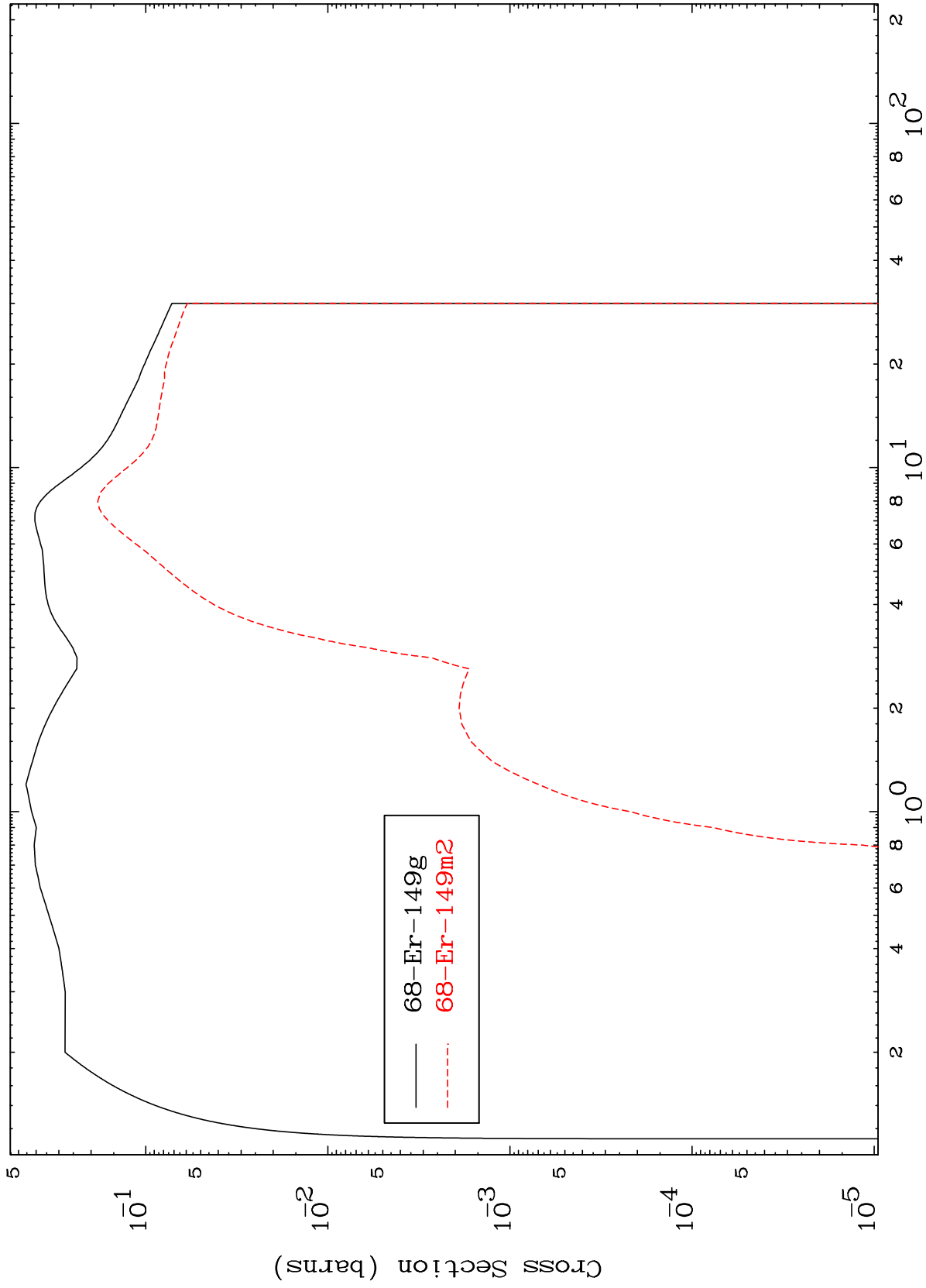
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

Inelastic Radionuclide Production Cross Section



38

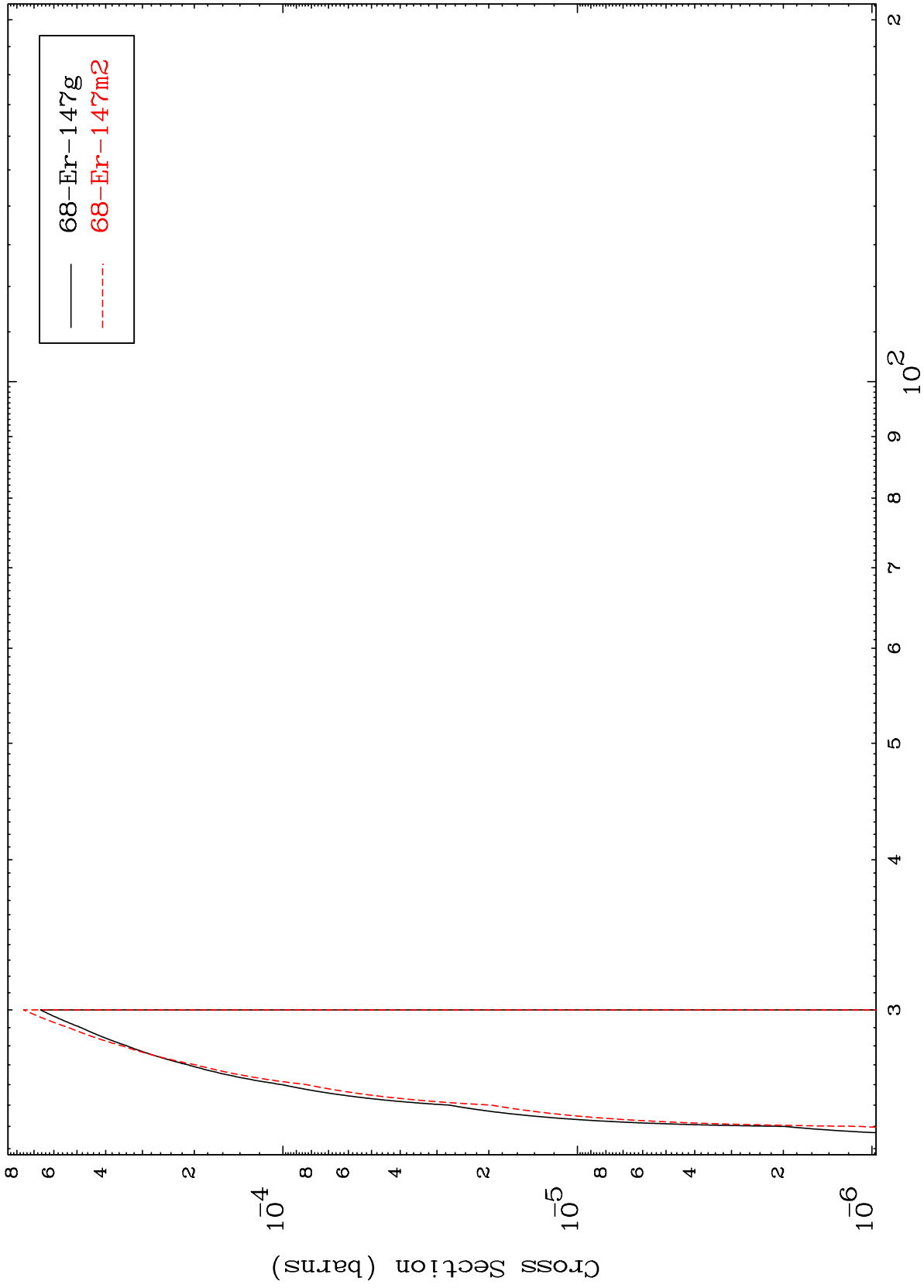
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n,3n)
Radionuclide Production Cross Section



39

Incident Energy (MeV)

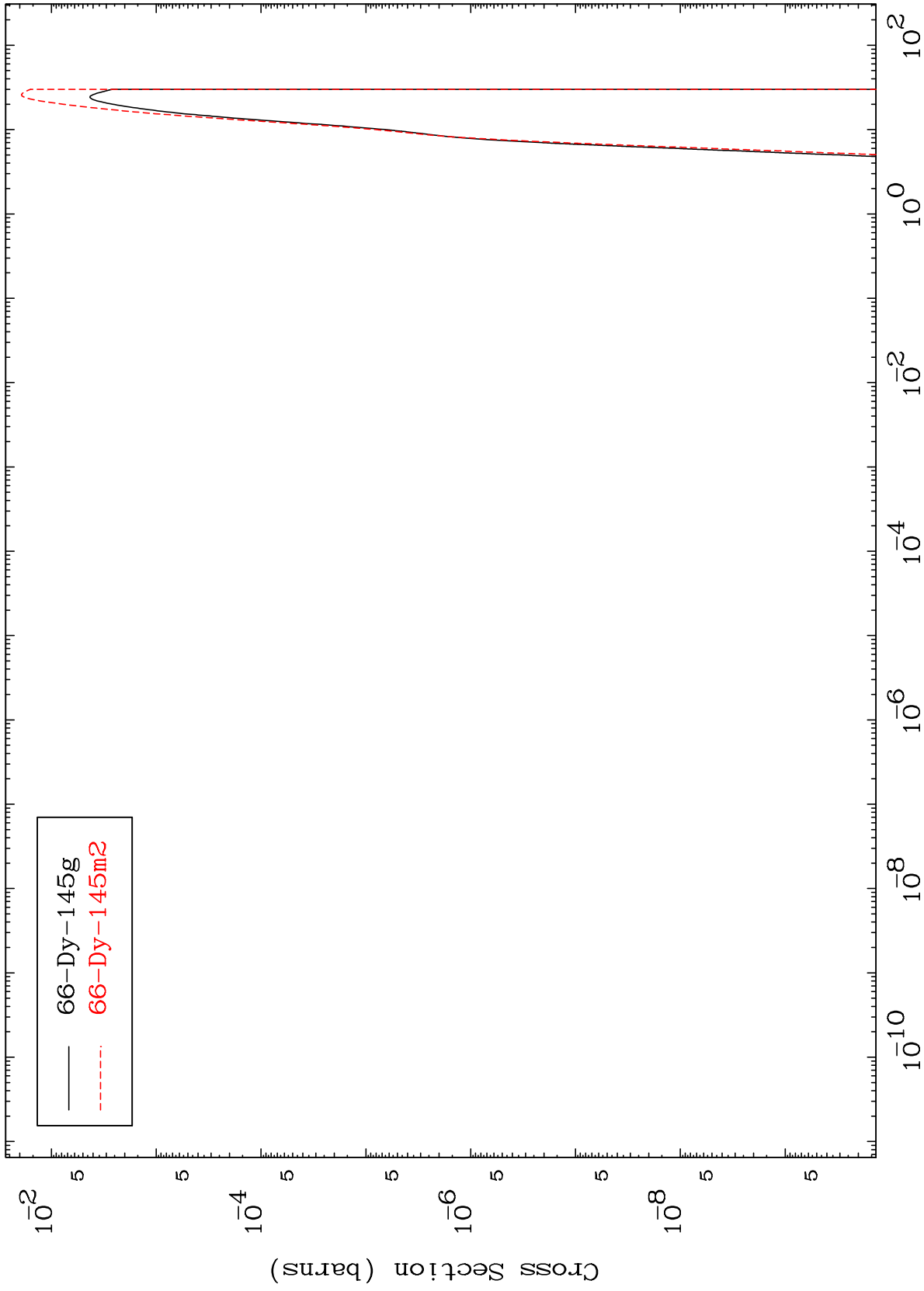
68-Er-149

MAT 6786

(n,n') α

68-Er-149

Radionuclide Production Cross Section



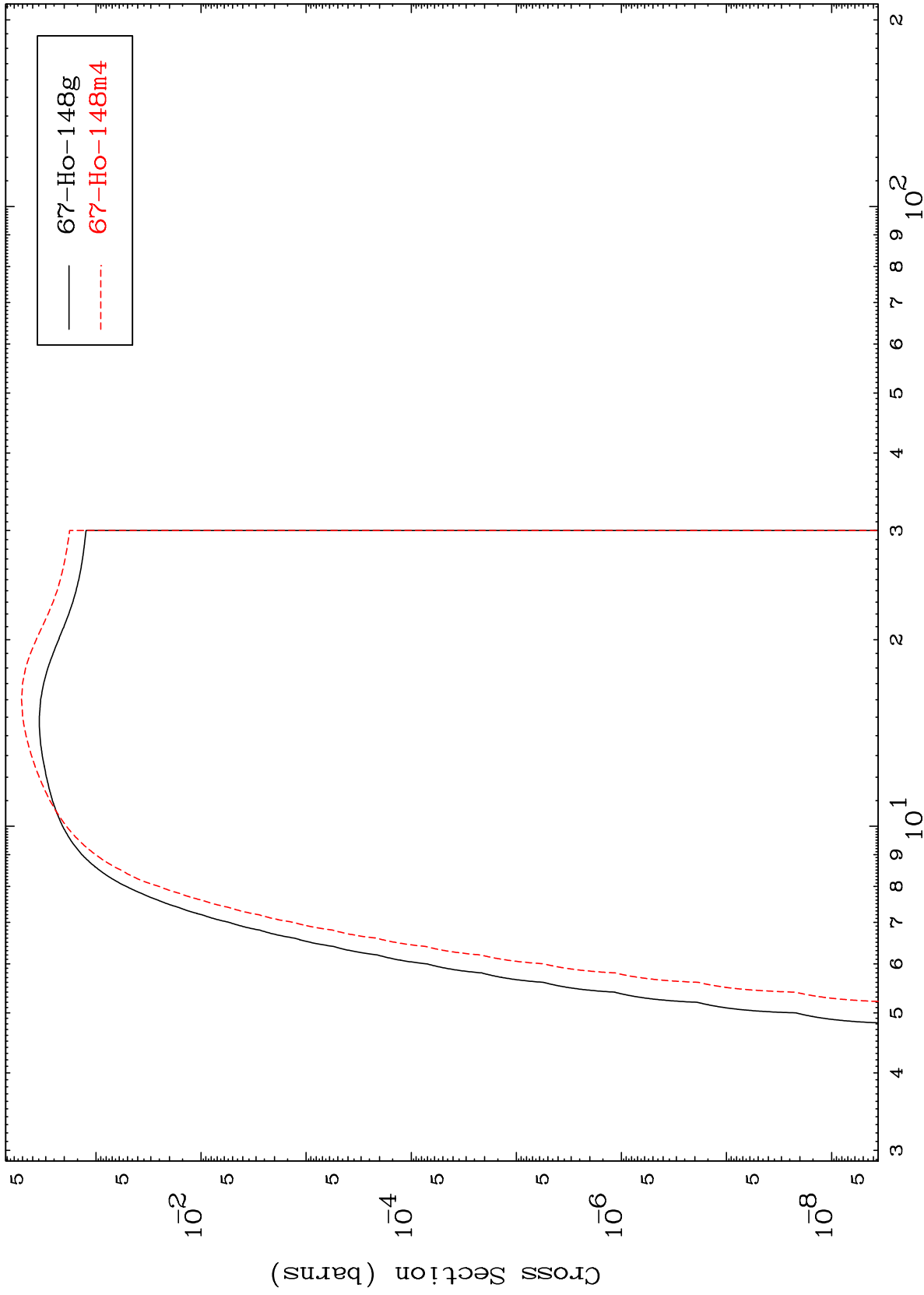
66-Dy-145g
66-Dy-145m2

MAT 6786

(n,n') p

68-Er-149

Radionuclide Production Cross Section



41

Incident Energy (MeV)

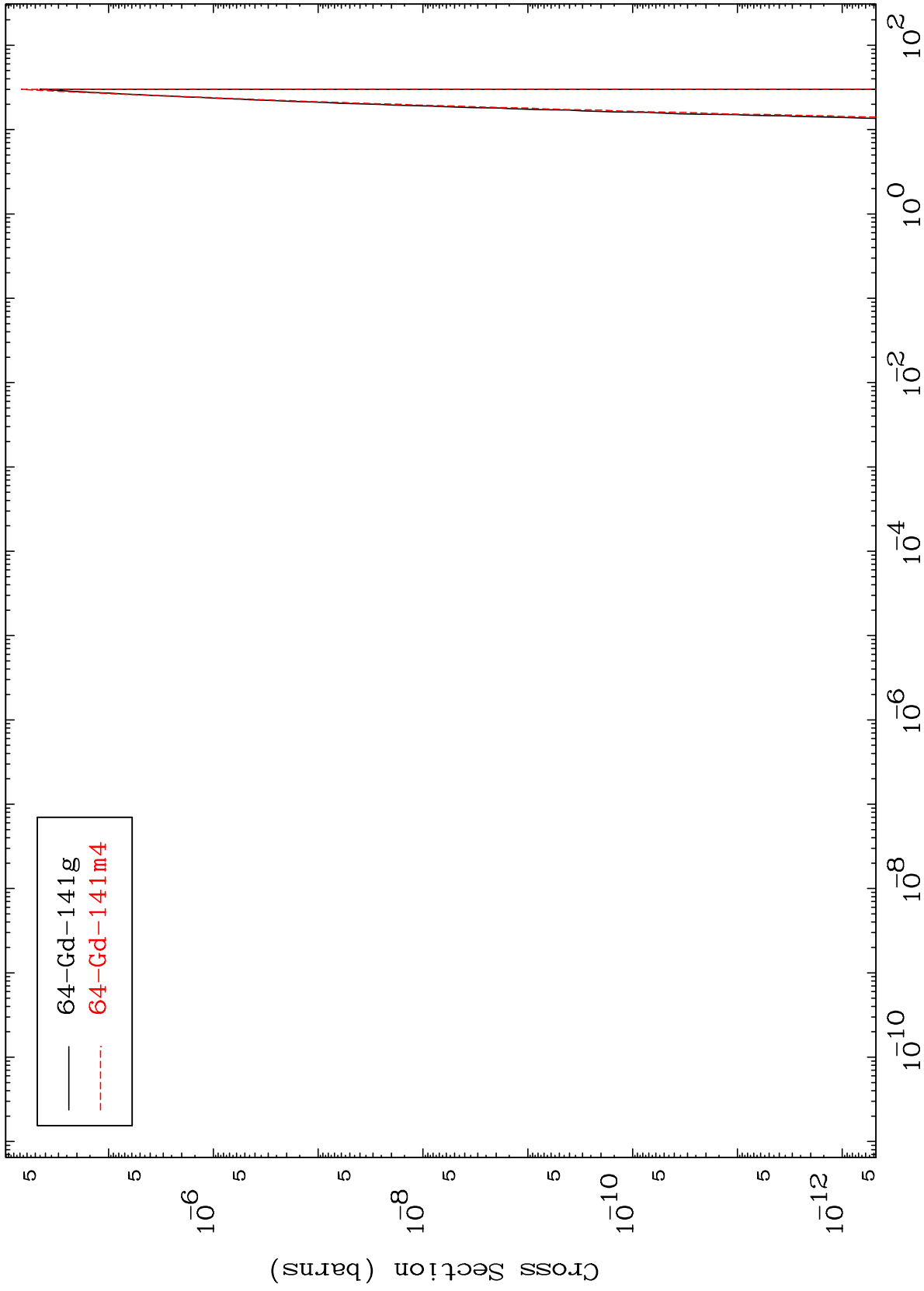
68-Er-149

MAT 6786

(n,n') 2 α

68-Er-149

Radionuclide Production Cross Section



42

Incident Energy (MeV)

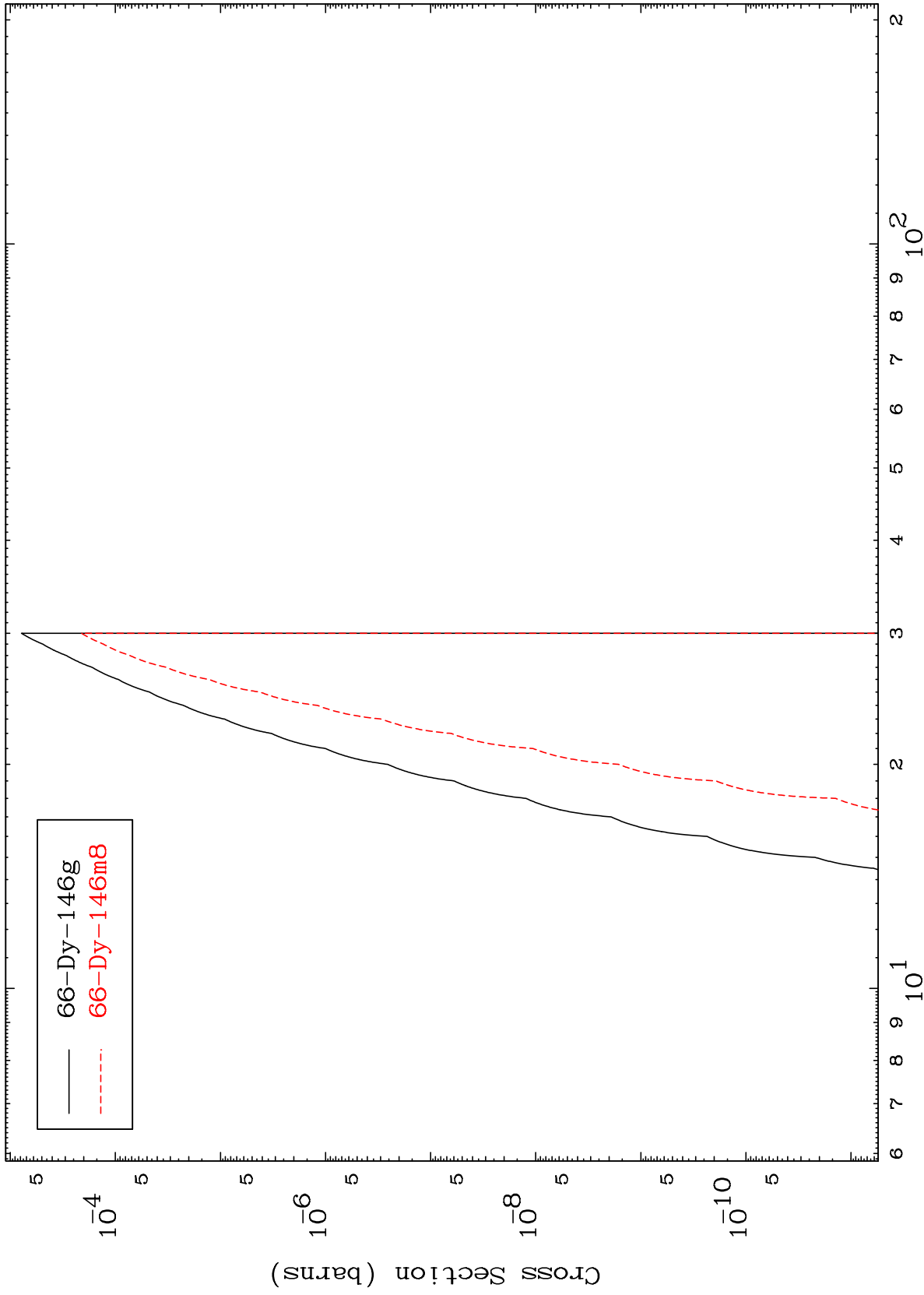
68-Er-149

MAT 6786

(n, n') He-3

68-Er-149

Radionuclide Production Cross Section



43

Incident Energy (MeV)

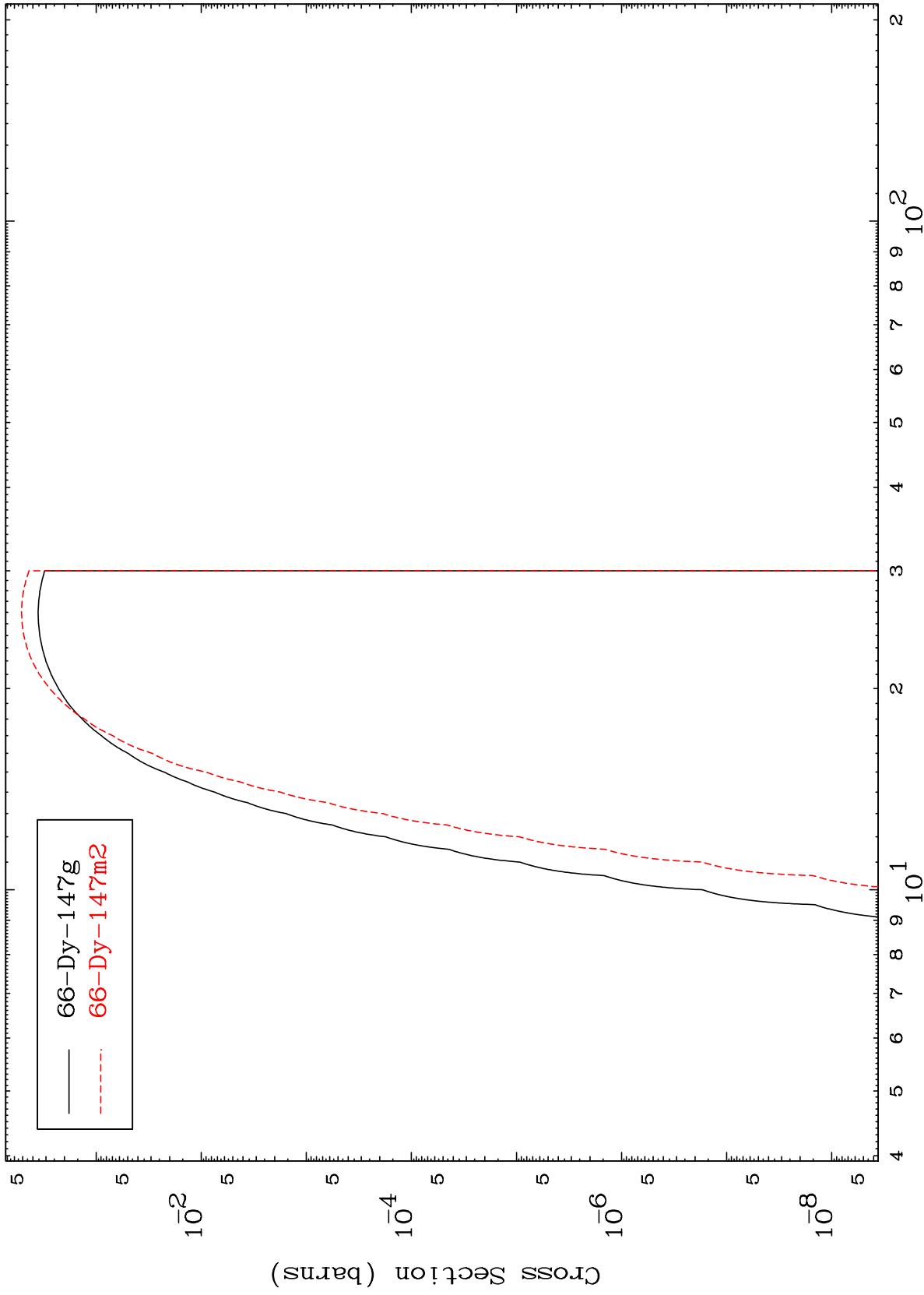
68-Er-149

MAT 6786

(n,2n) p

68-Er-149

Radionuclide Production Cross Section



44

Incident Energy (MeV)

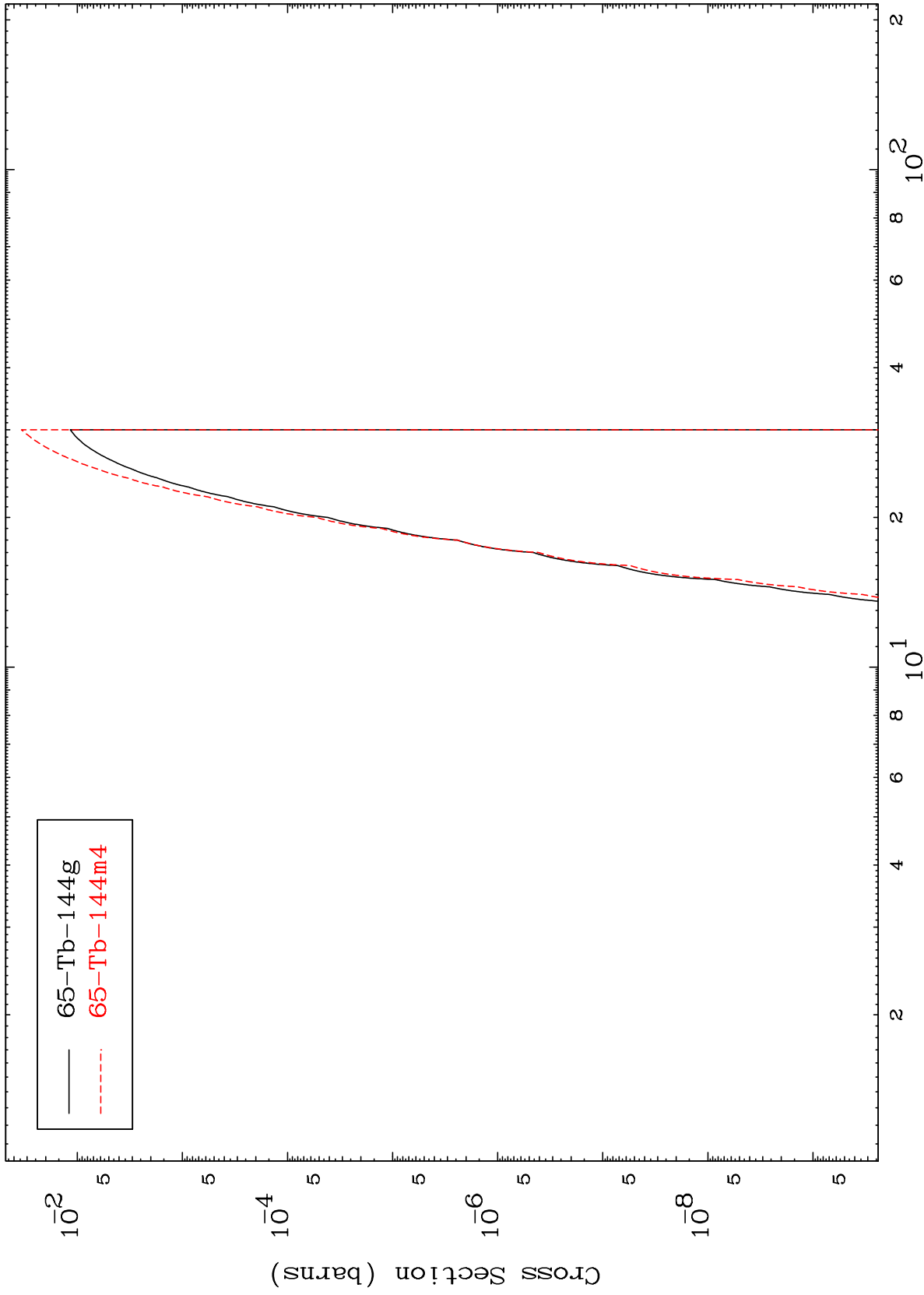
68-Er-149

MAT 6786

(n,n') p α

68-Er-149

Radionuclide Production Cross Section



45

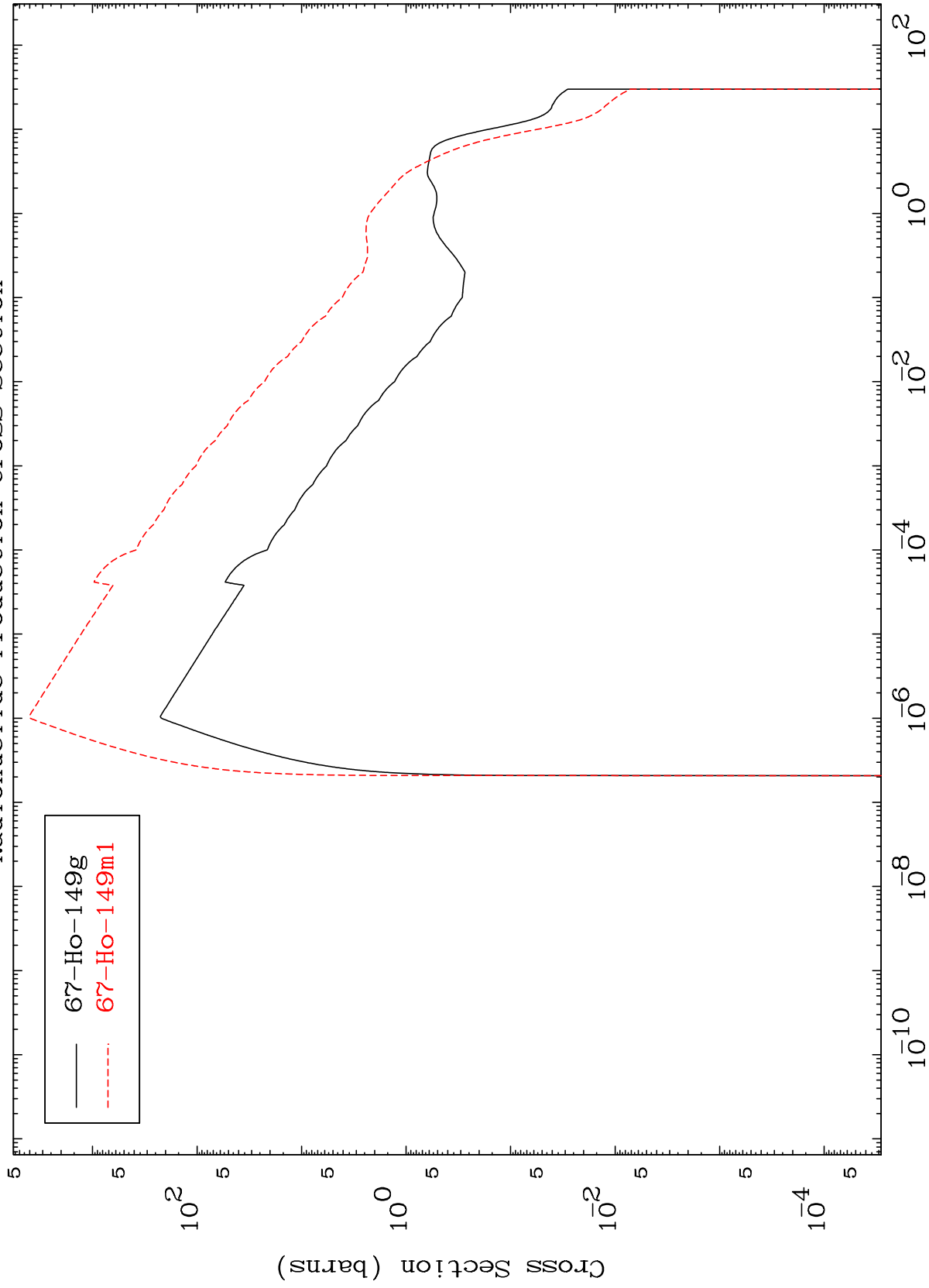
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n,p)
Radionuclide Production Cross Section



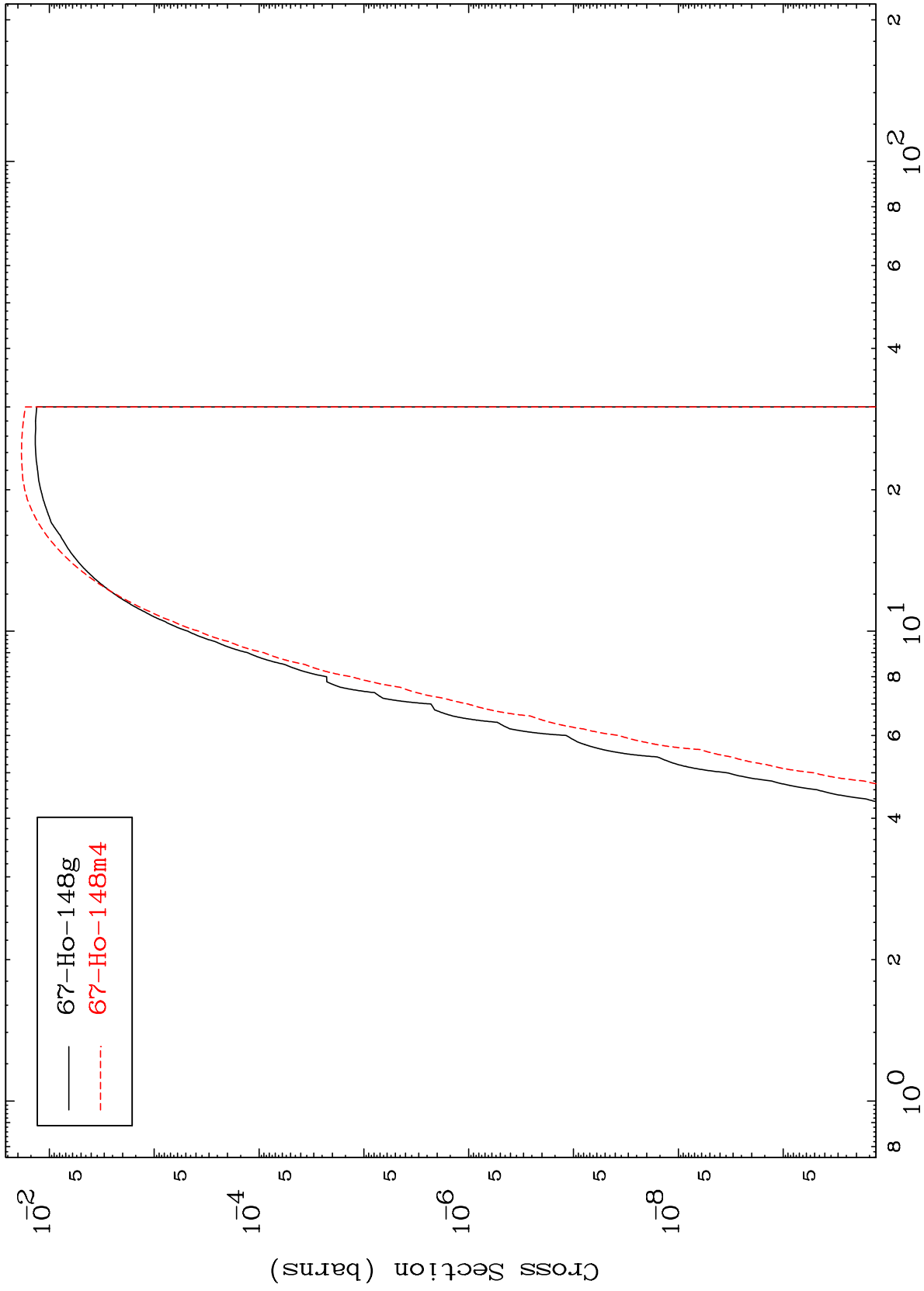
46

68-Er-149

MAT 6786

68-Er-149

(n,d)
Radionuclide Production Cross Section



47

Incident Energy (MeV)

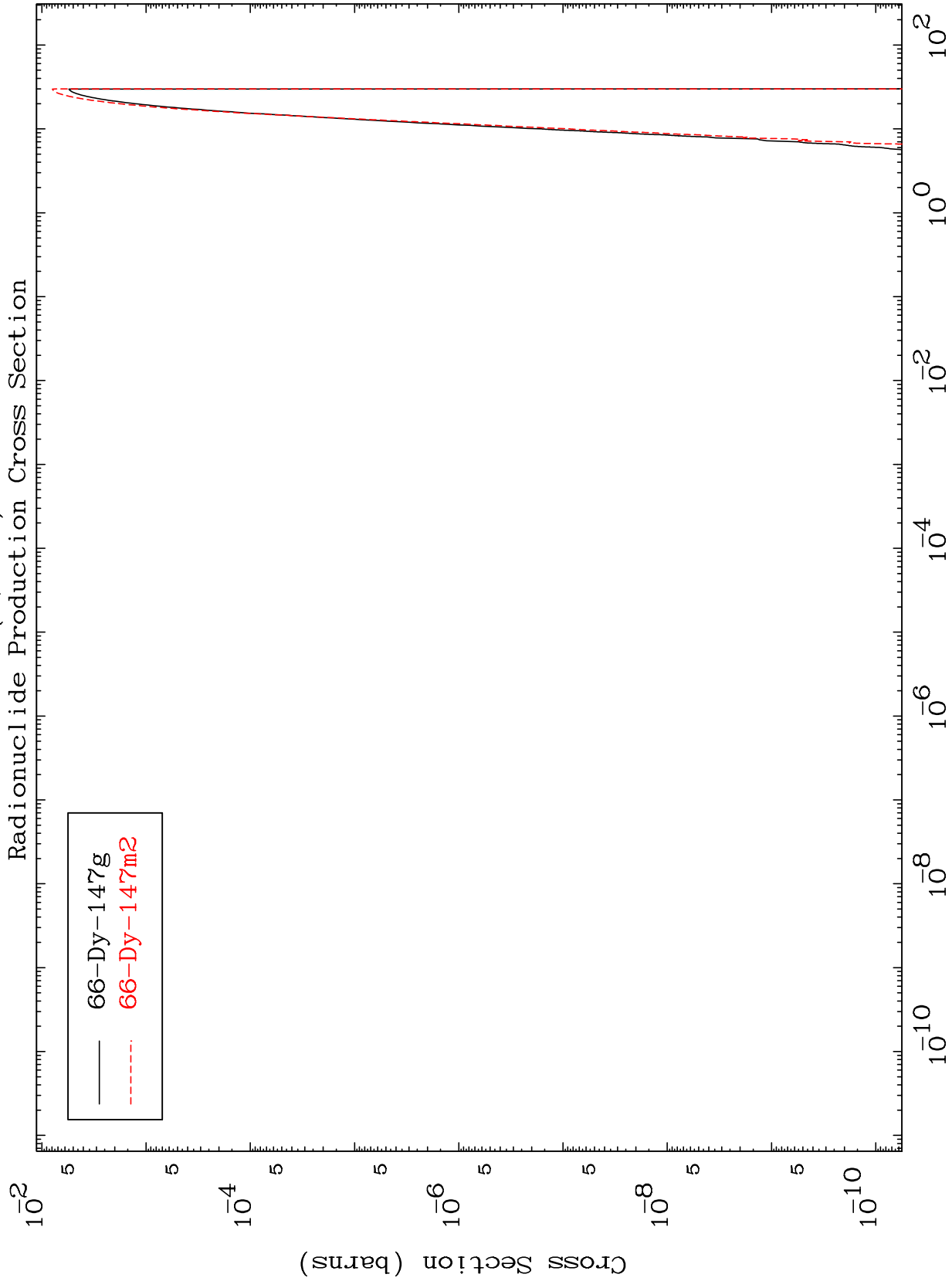
68-Er-149

MAT 6786

(n, He-3)

68-Er-149

Radionuclide Production Cross Section



66-Dy-147g
66-Dy-147m2

48

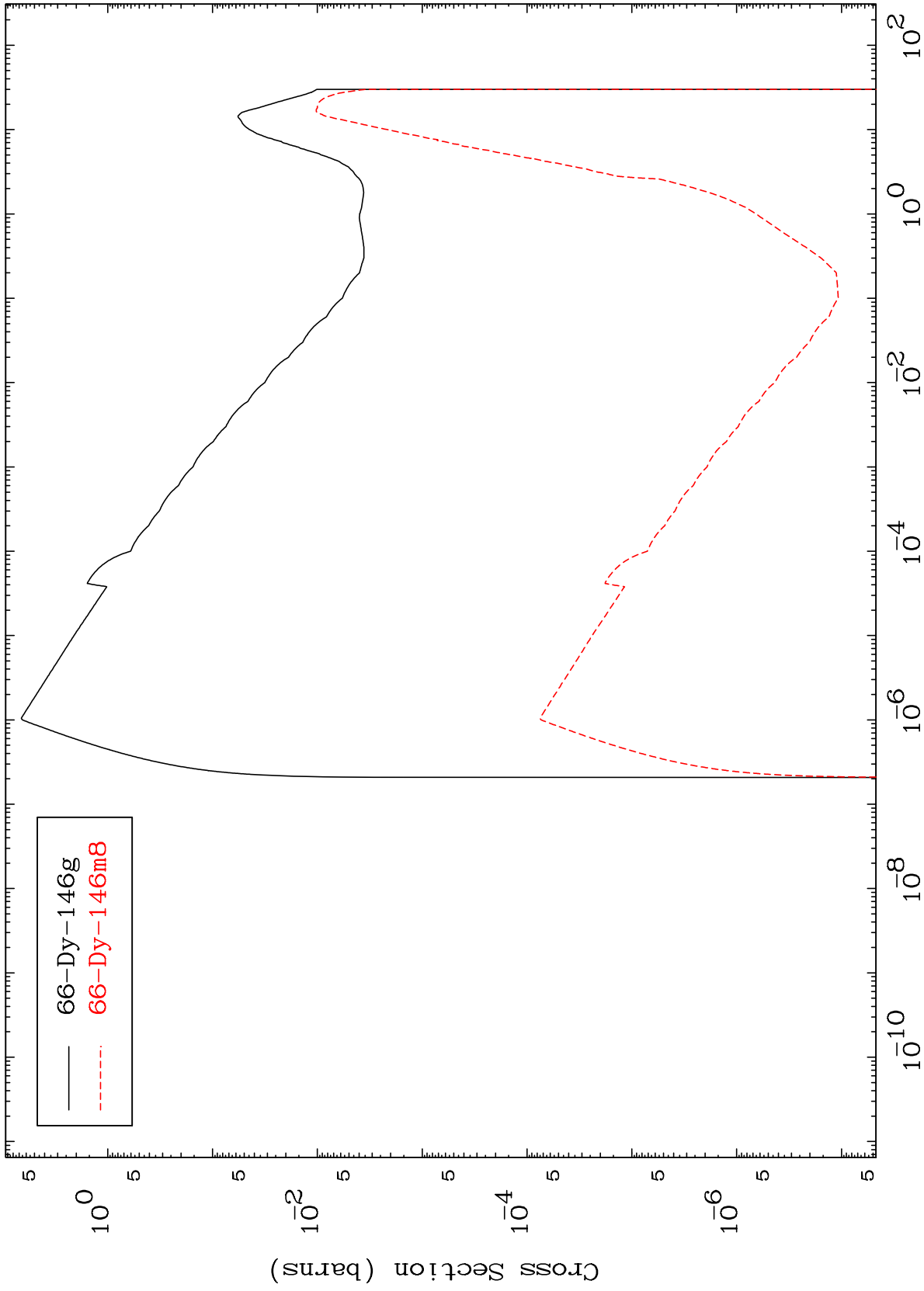
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

Radionuclide Production Cross Section



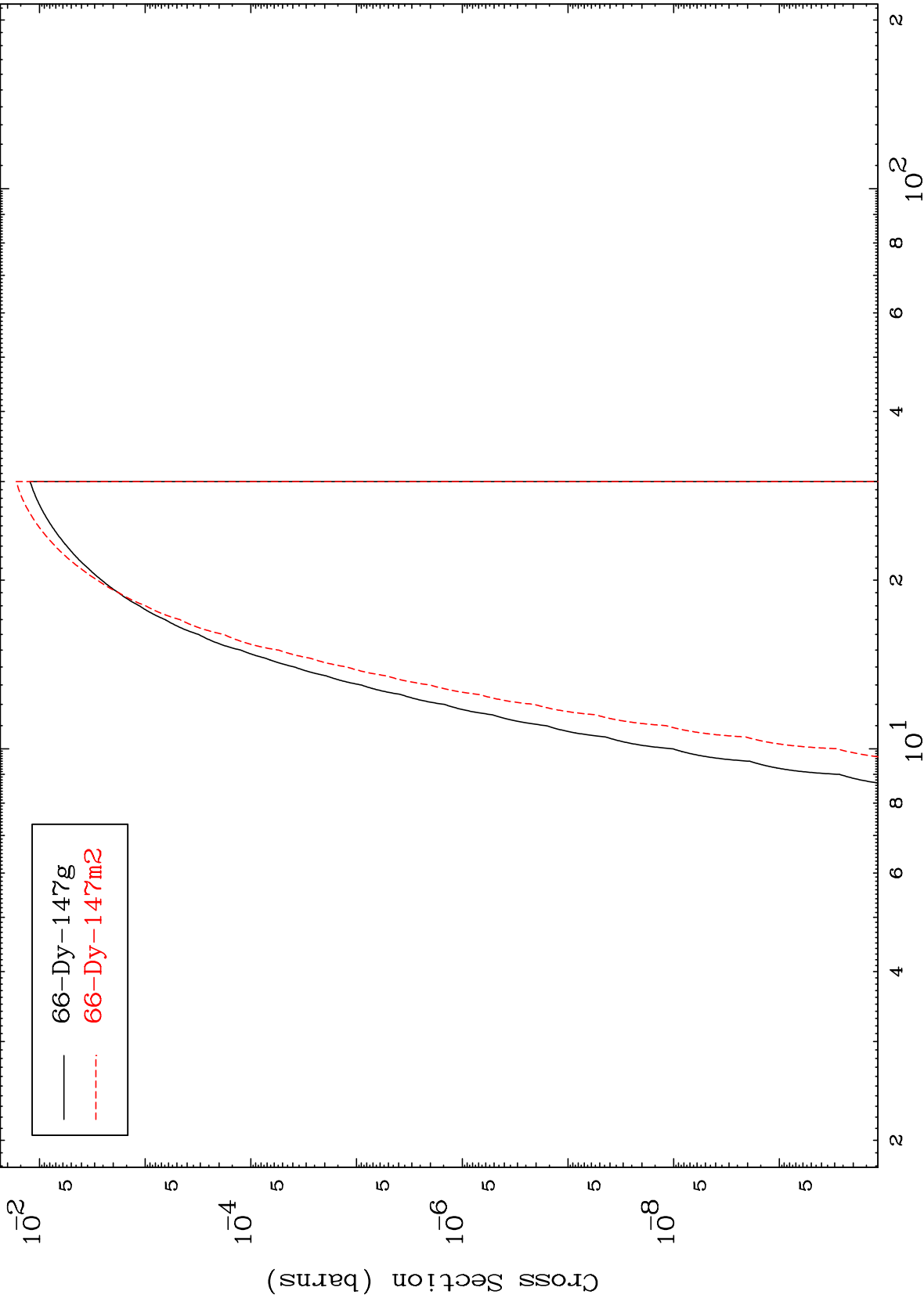
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66-Dy-146m8

MAT 6786

(n,p) d

68-Er-149

Radionuclide Production Cross Section



50

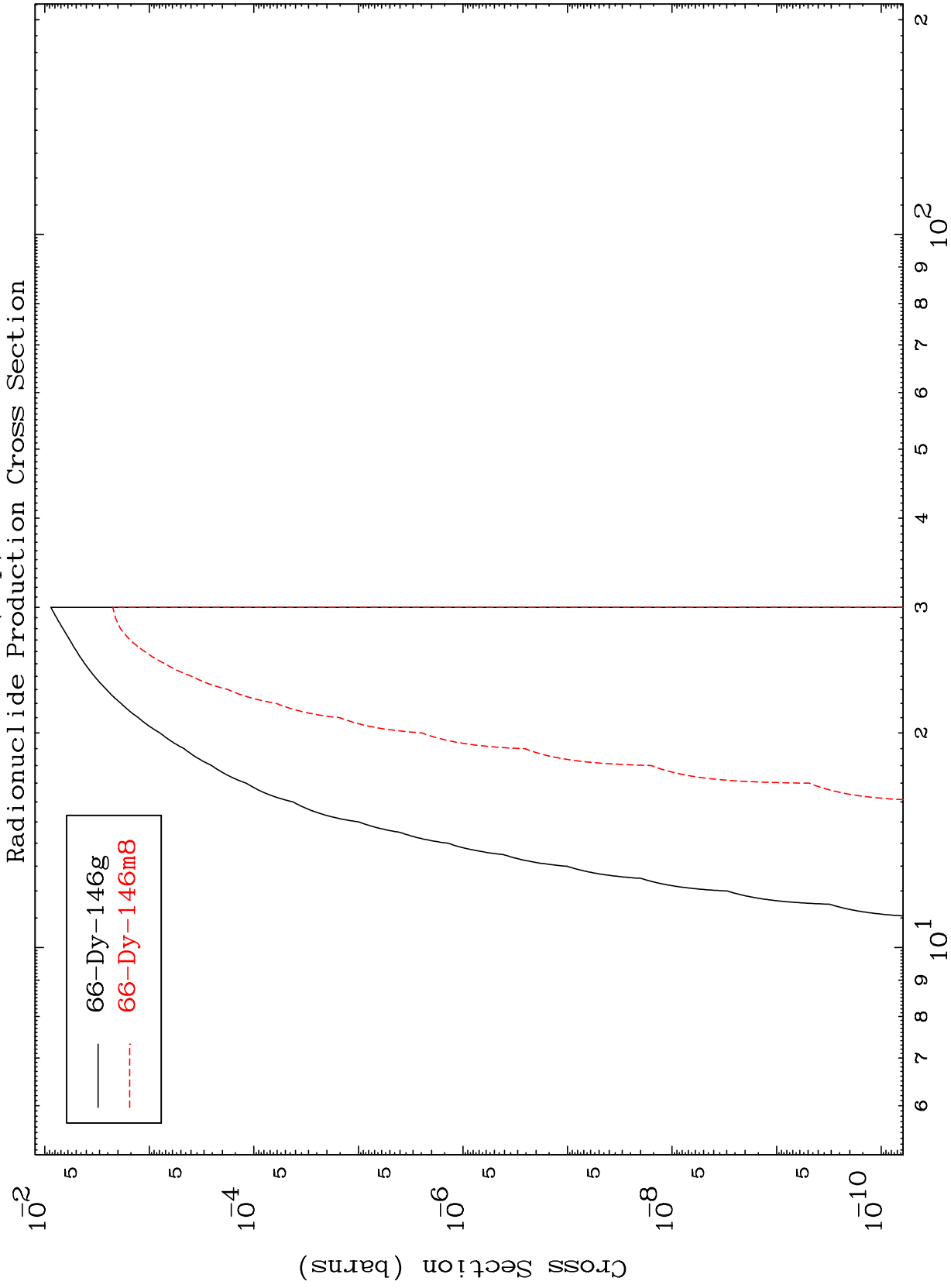
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,p) t

68-Er-149



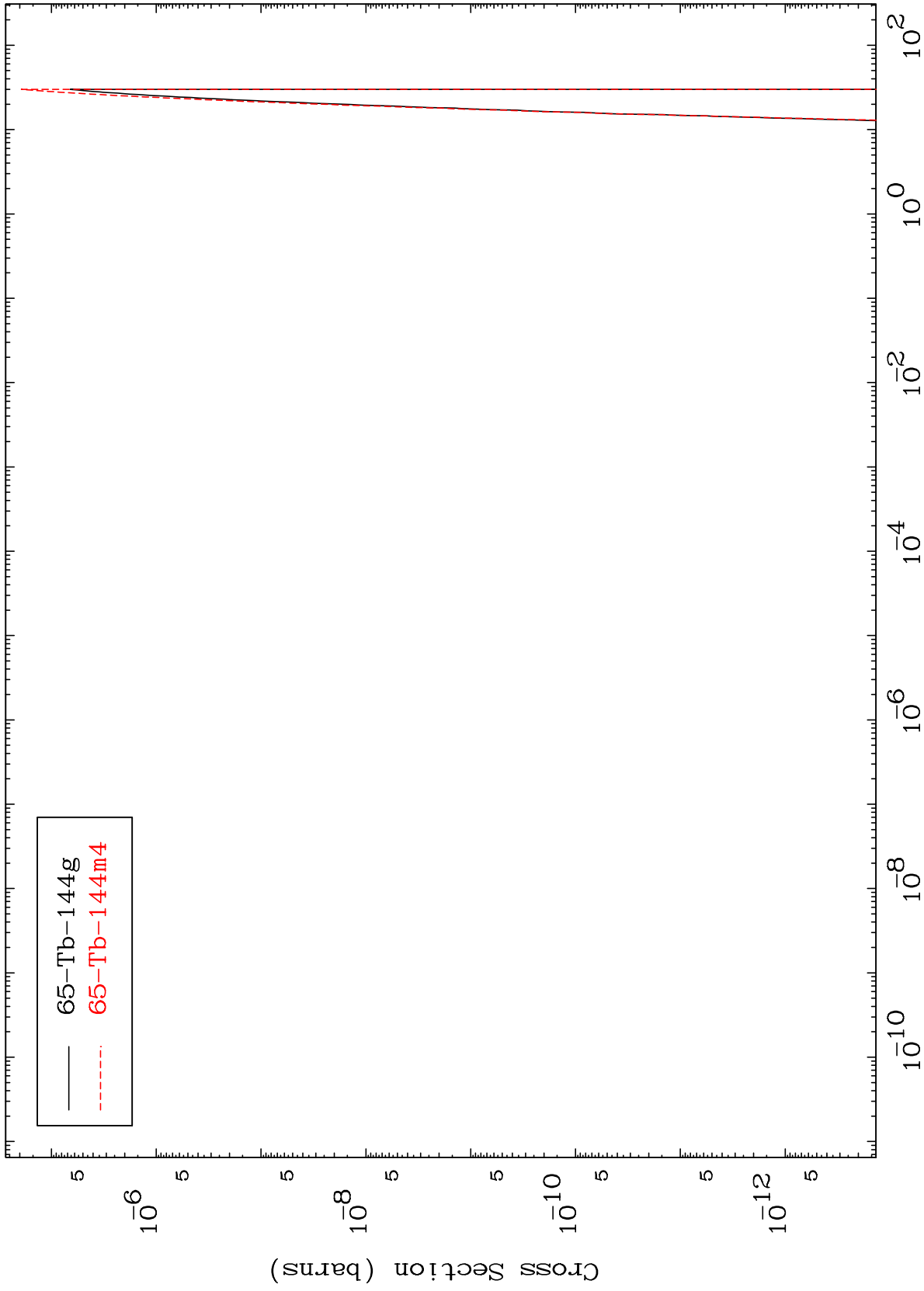
66-Dy-146g
66-Dy-146m8

MAT 6786

(n,d) α

68-Er-149

Radionuclide Production Cross Section



52

Incident Energy (MeV)

68-Er-149