

Program EVALPLOT
(Version 2018-1)

by

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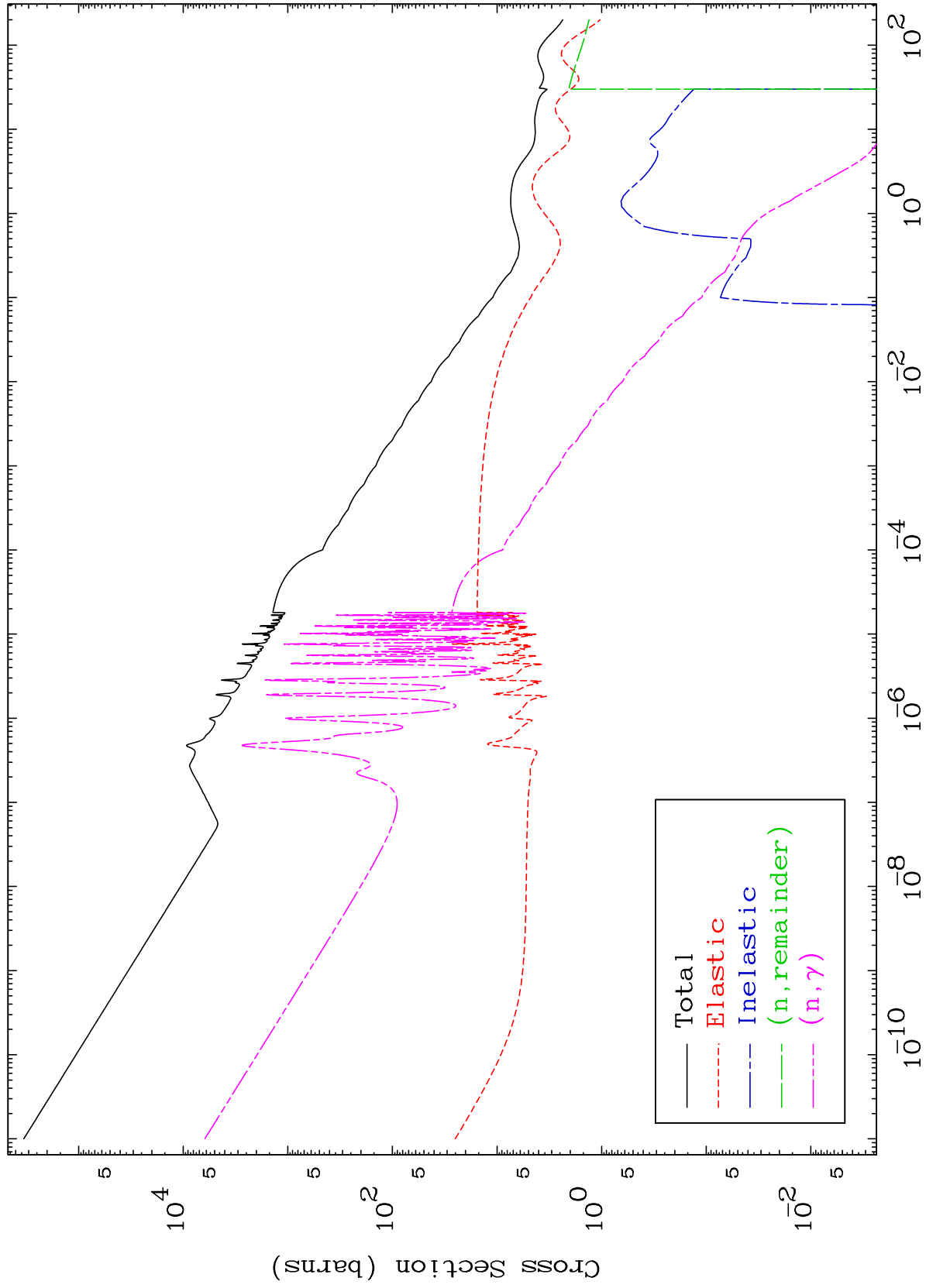
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6780

Major
293 Kelvin Cross Sections

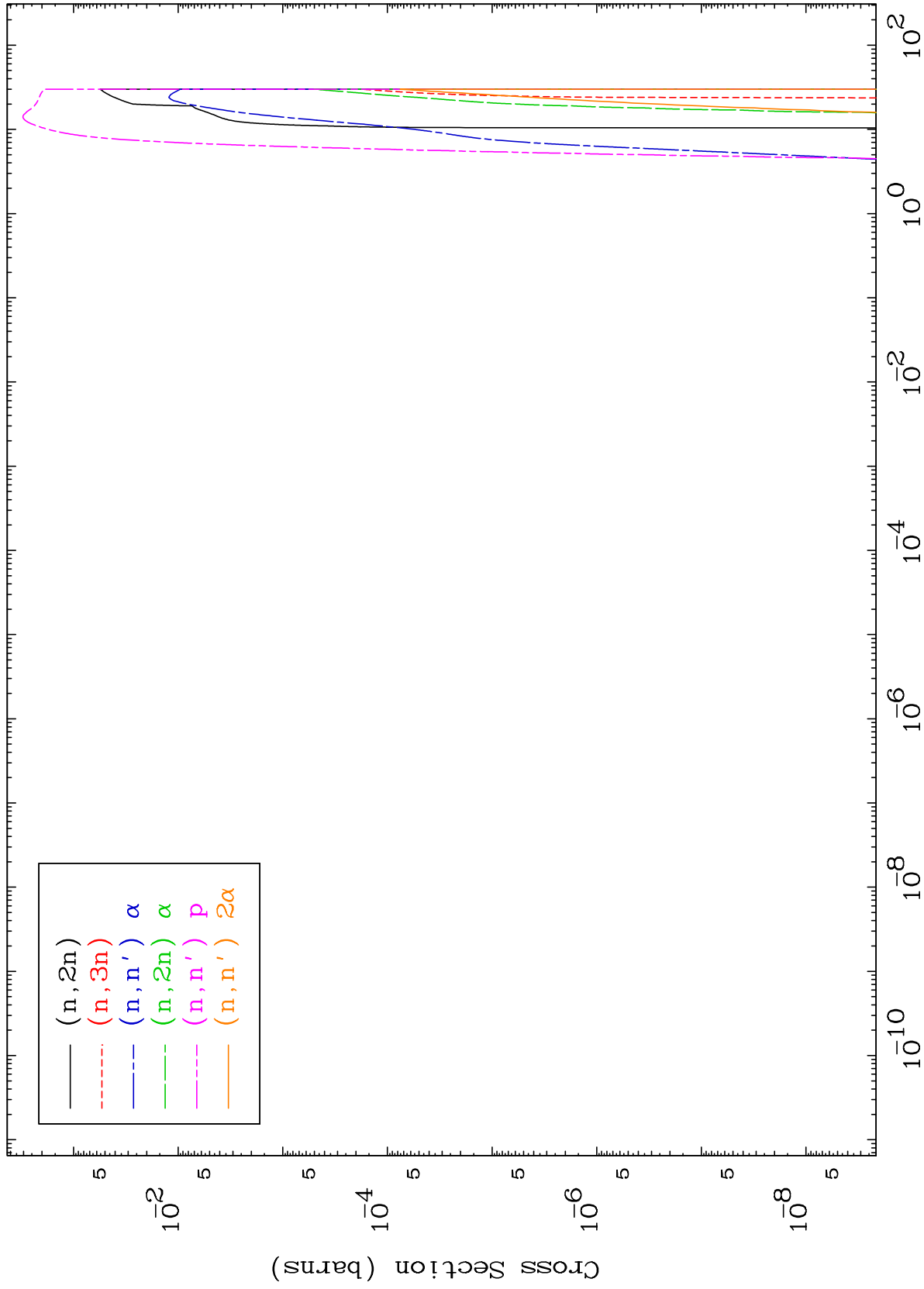
68-Er-147



MAT 6780

Neutron Production
293 Kelvin Cross Sections

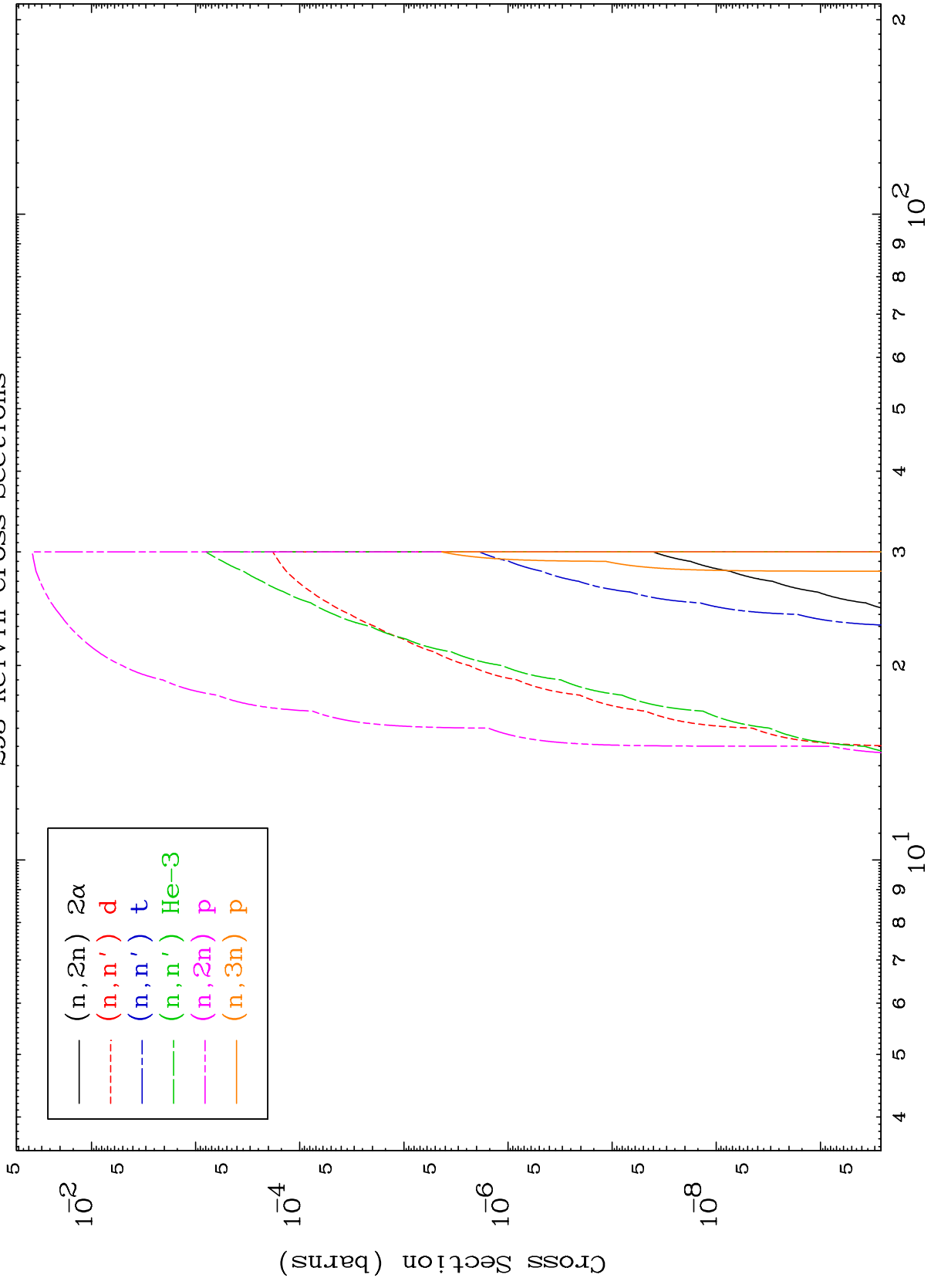
68-Er-147



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Incident Energy (MeV)

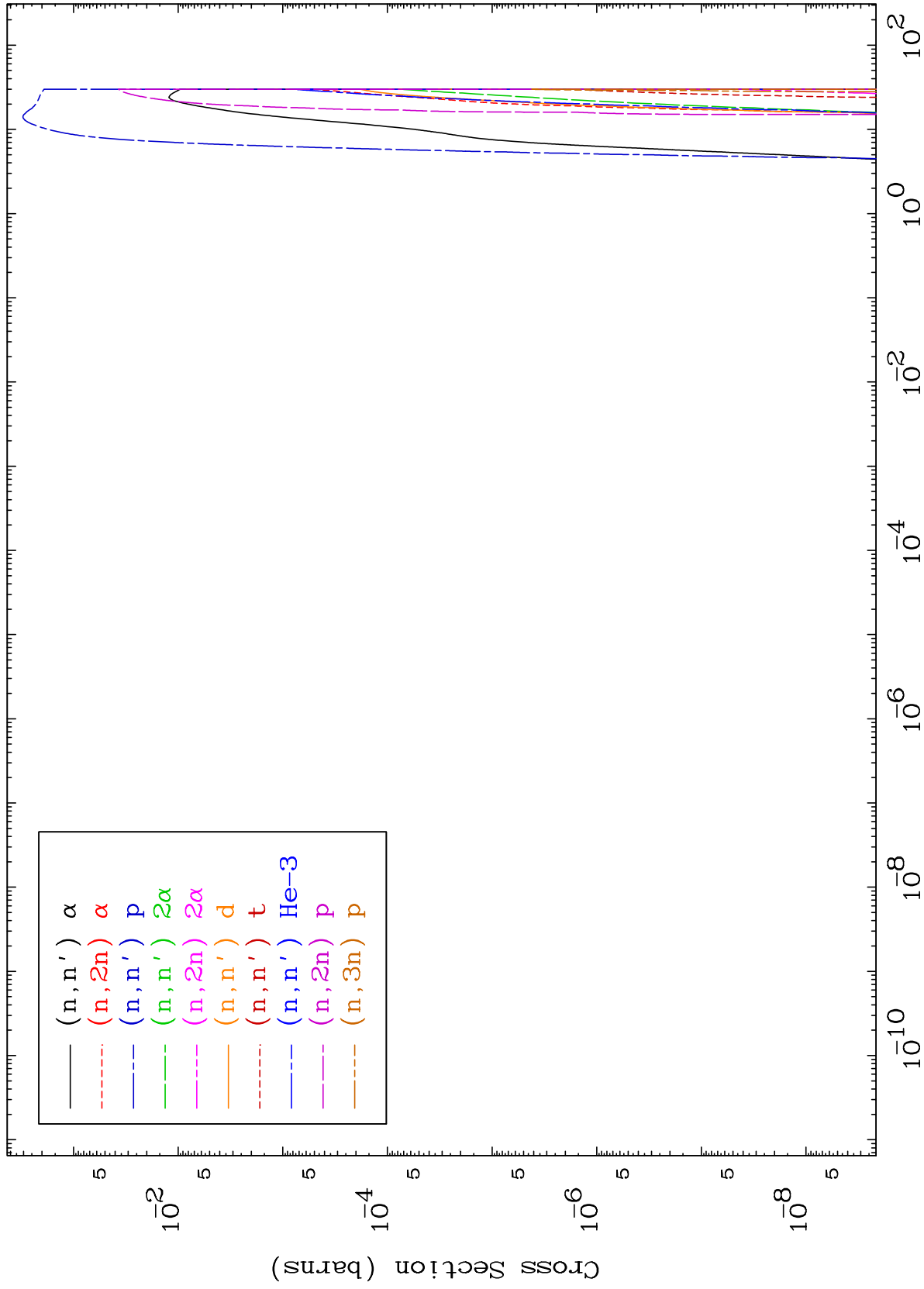
68-Er-147

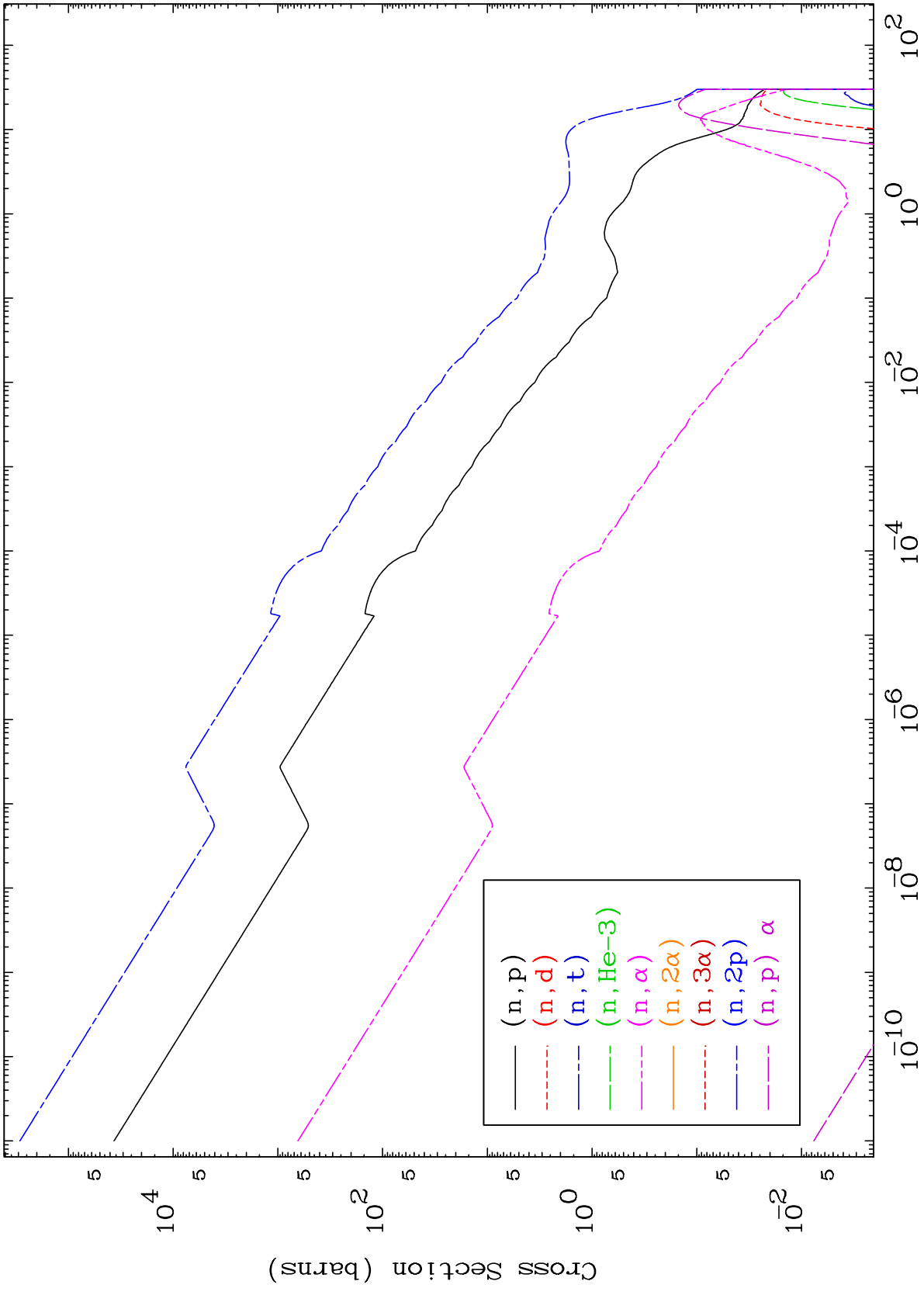


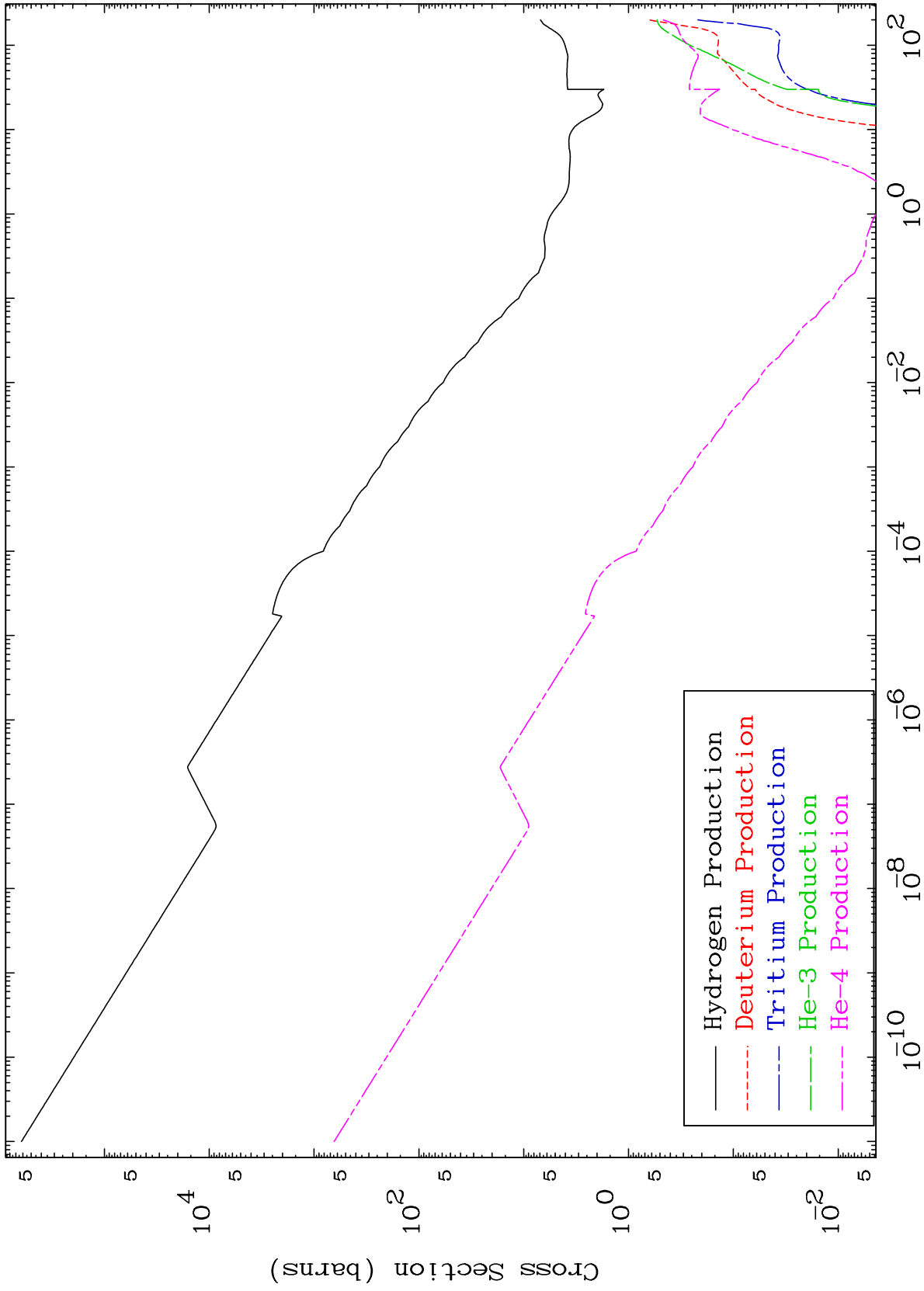
MAT 6780

Charged Particle
293 Kelvin Cross Sections

68-Er-147



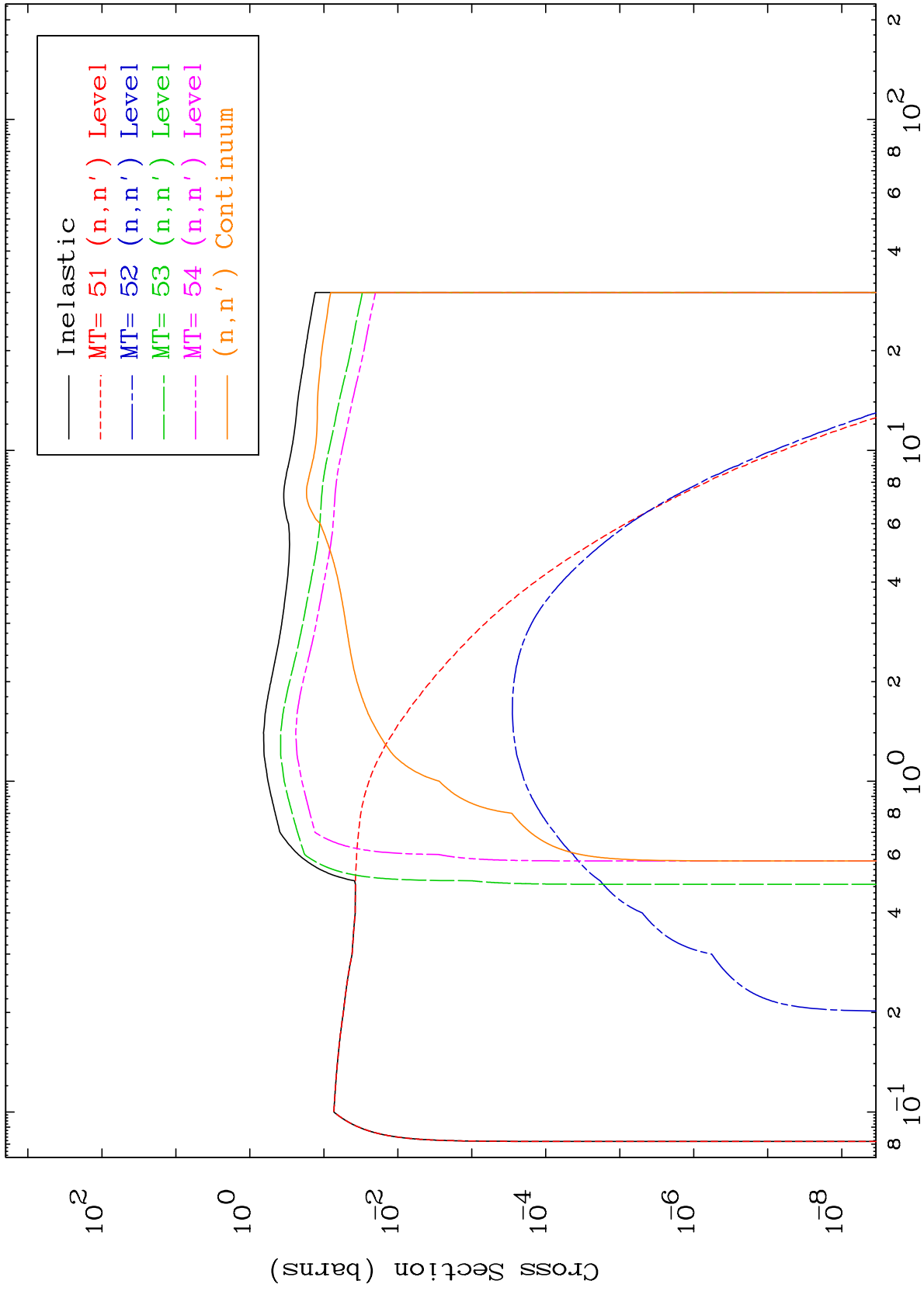




MAT 6780

(n,n') Level
293 Kelvin Cross Sections

68-Er-147



7

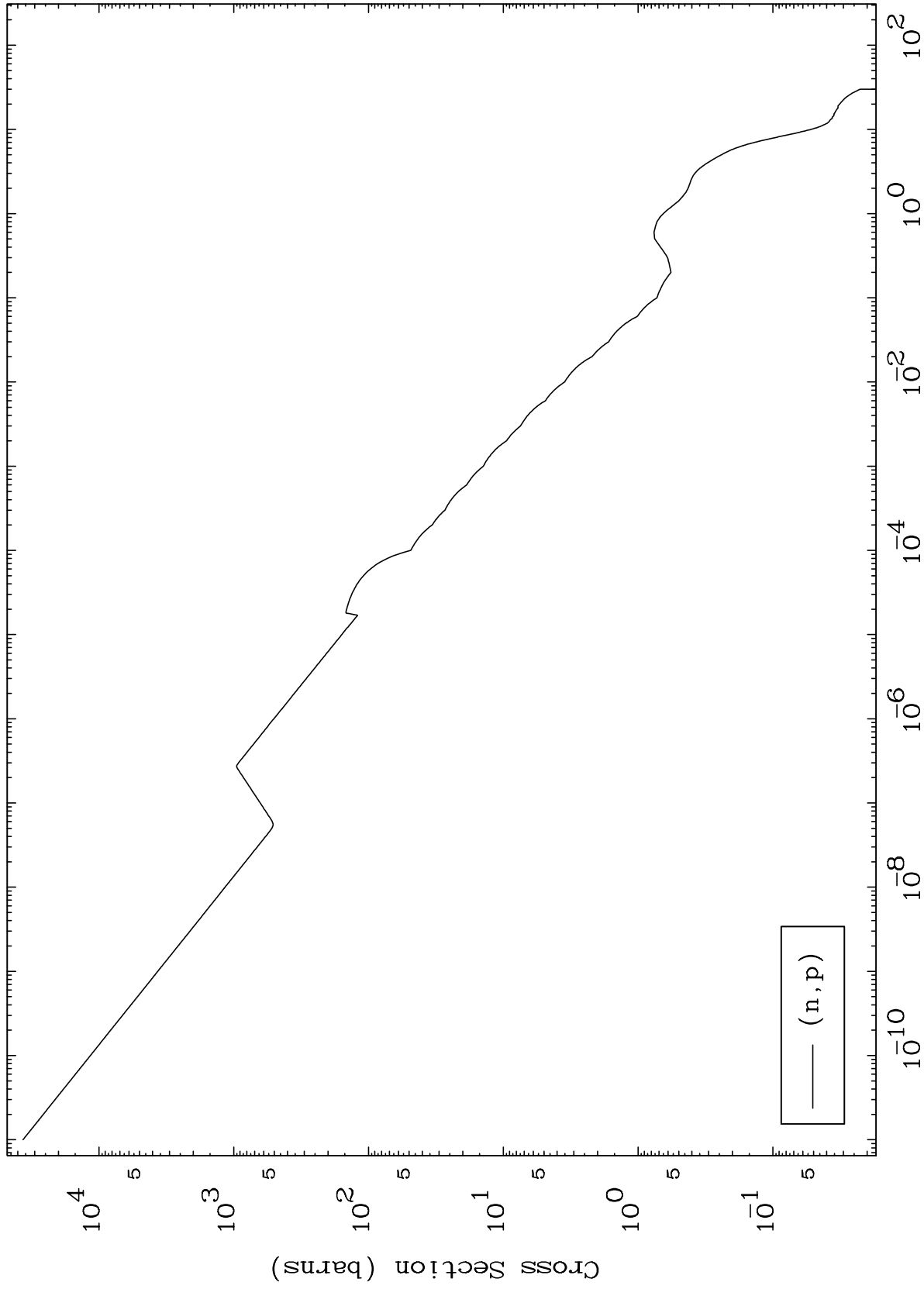
Incident Energy (MeV)

68-Er-147

MAT 6780

(n,p) Levels
293 Kelvin Cross Sections

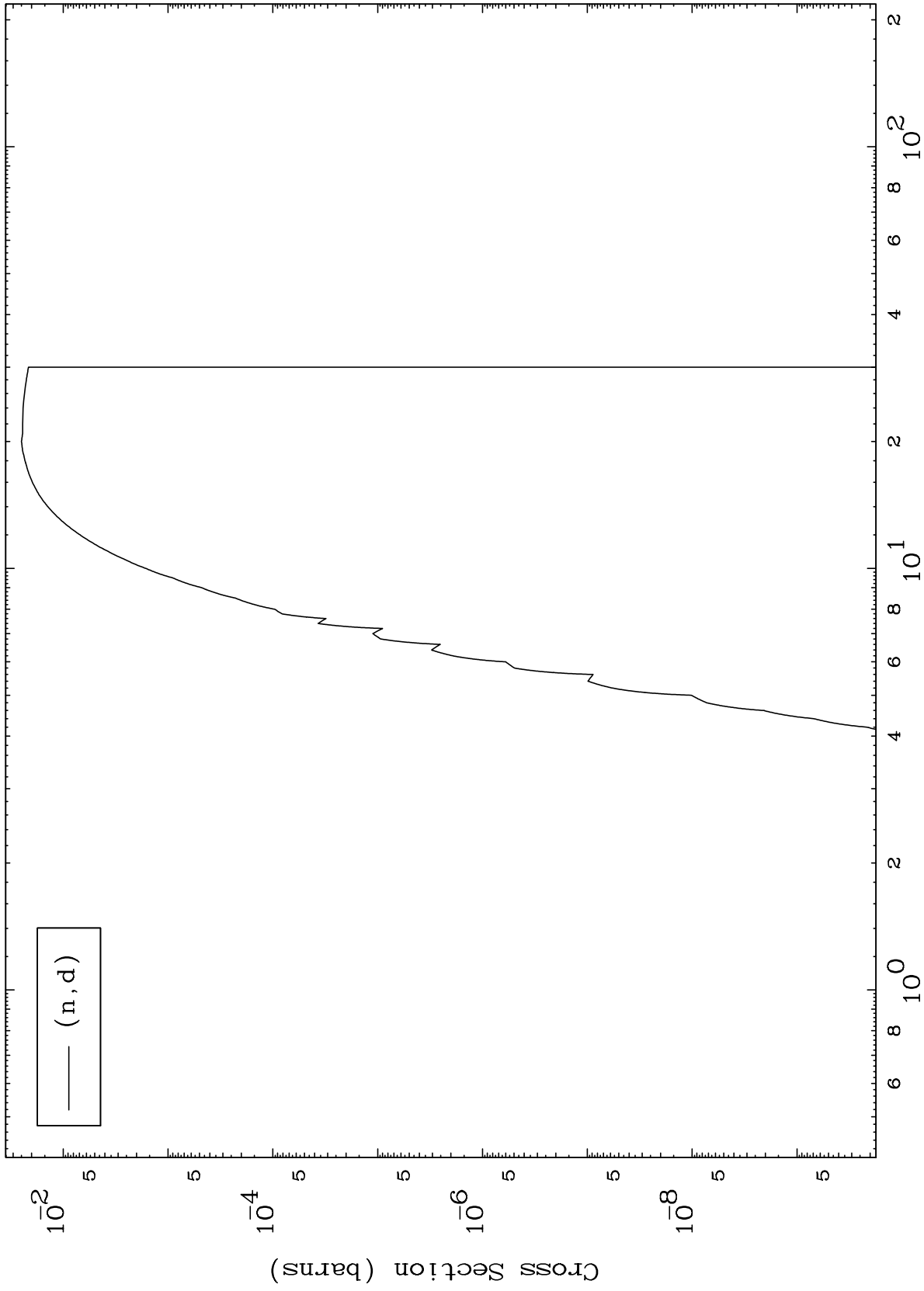
68-Er-147



MAT 6780

(n,d) Levels
293 Kelvin Cross Sections

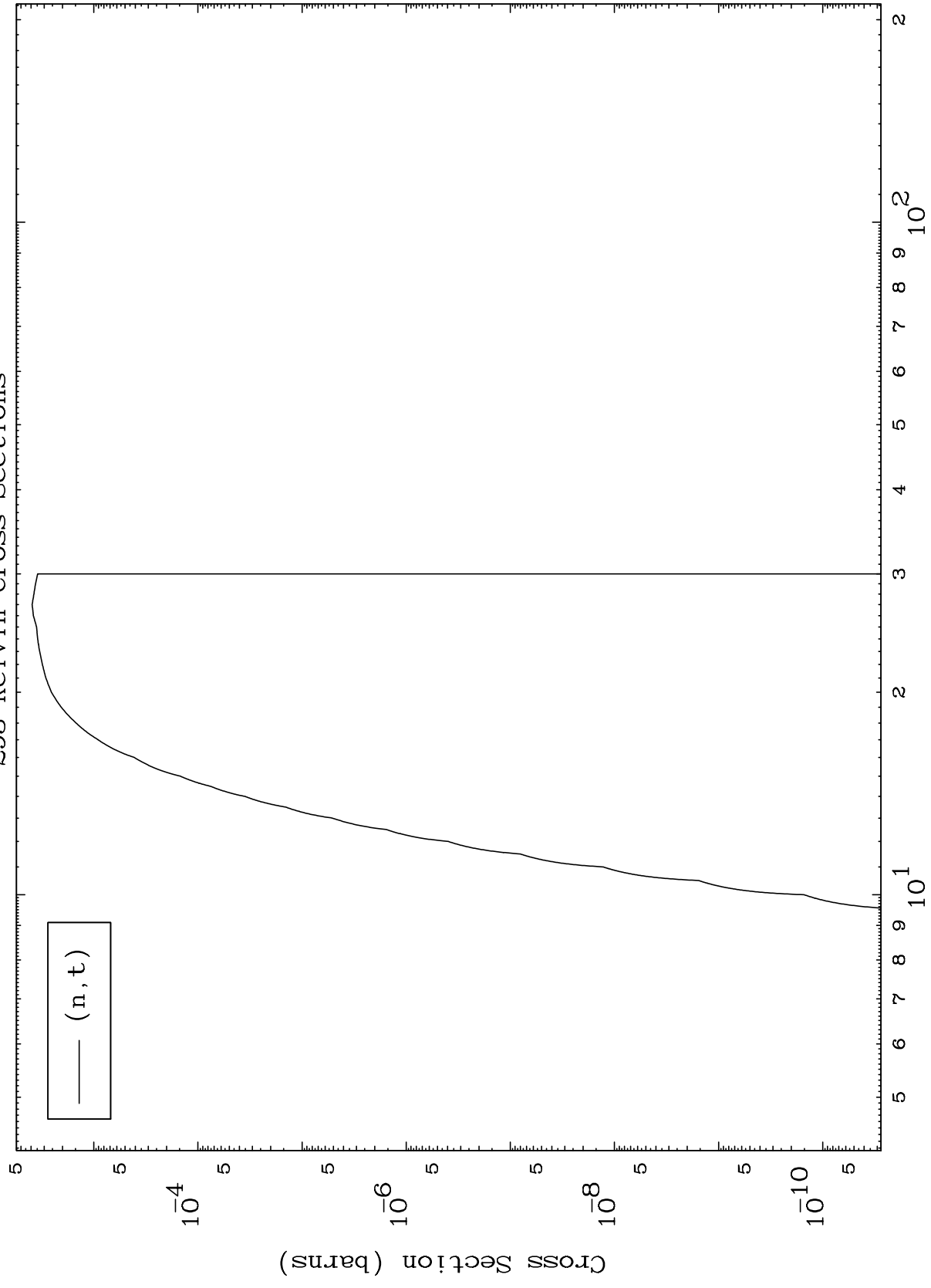
68-Er-147



MAT 6780

(n,t) Levels
293 Kelvin Cross Sections

68-Er-147



10

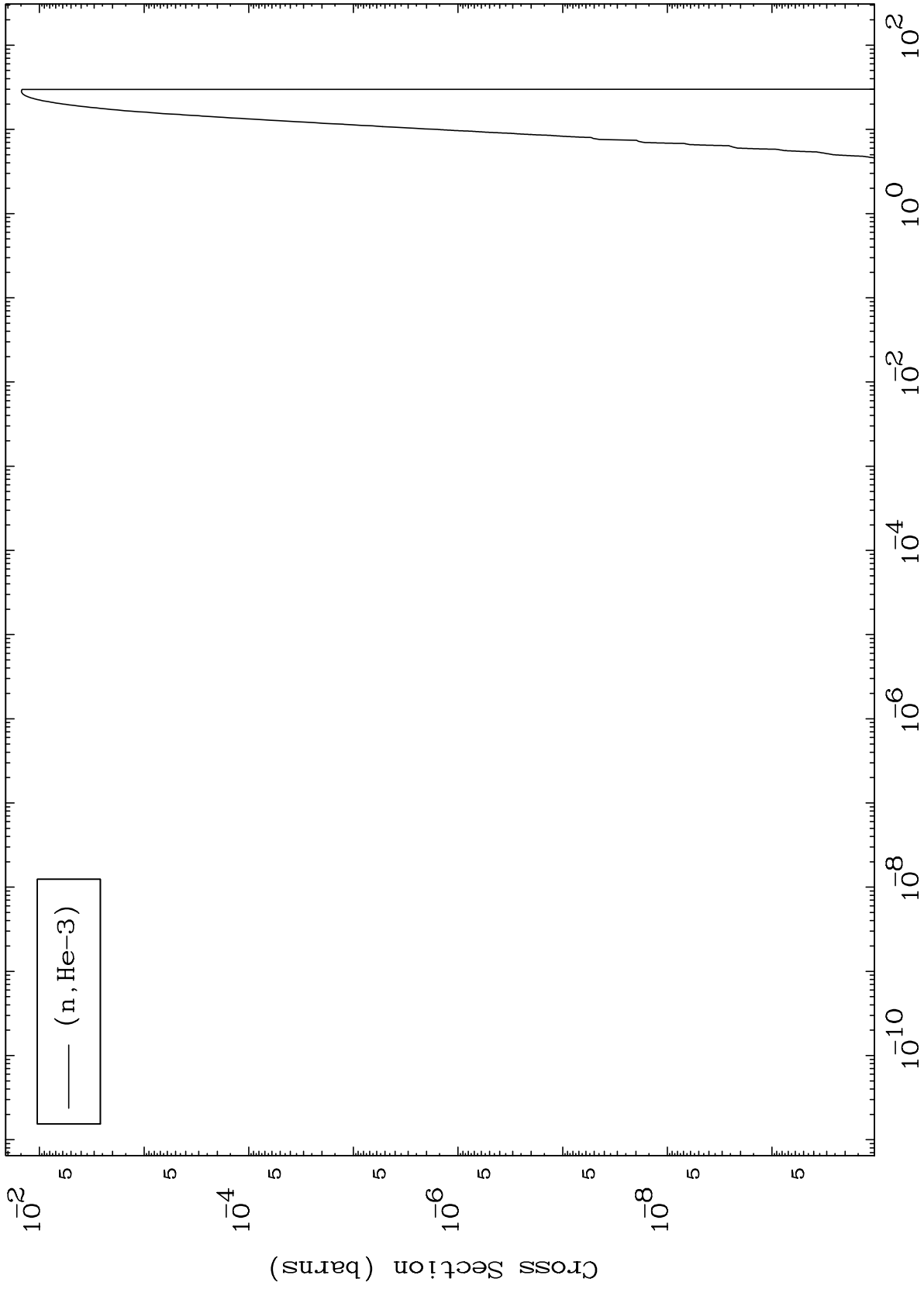
Incident Energy (MeV)

68-Er-147

MAT 6780

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-147



11

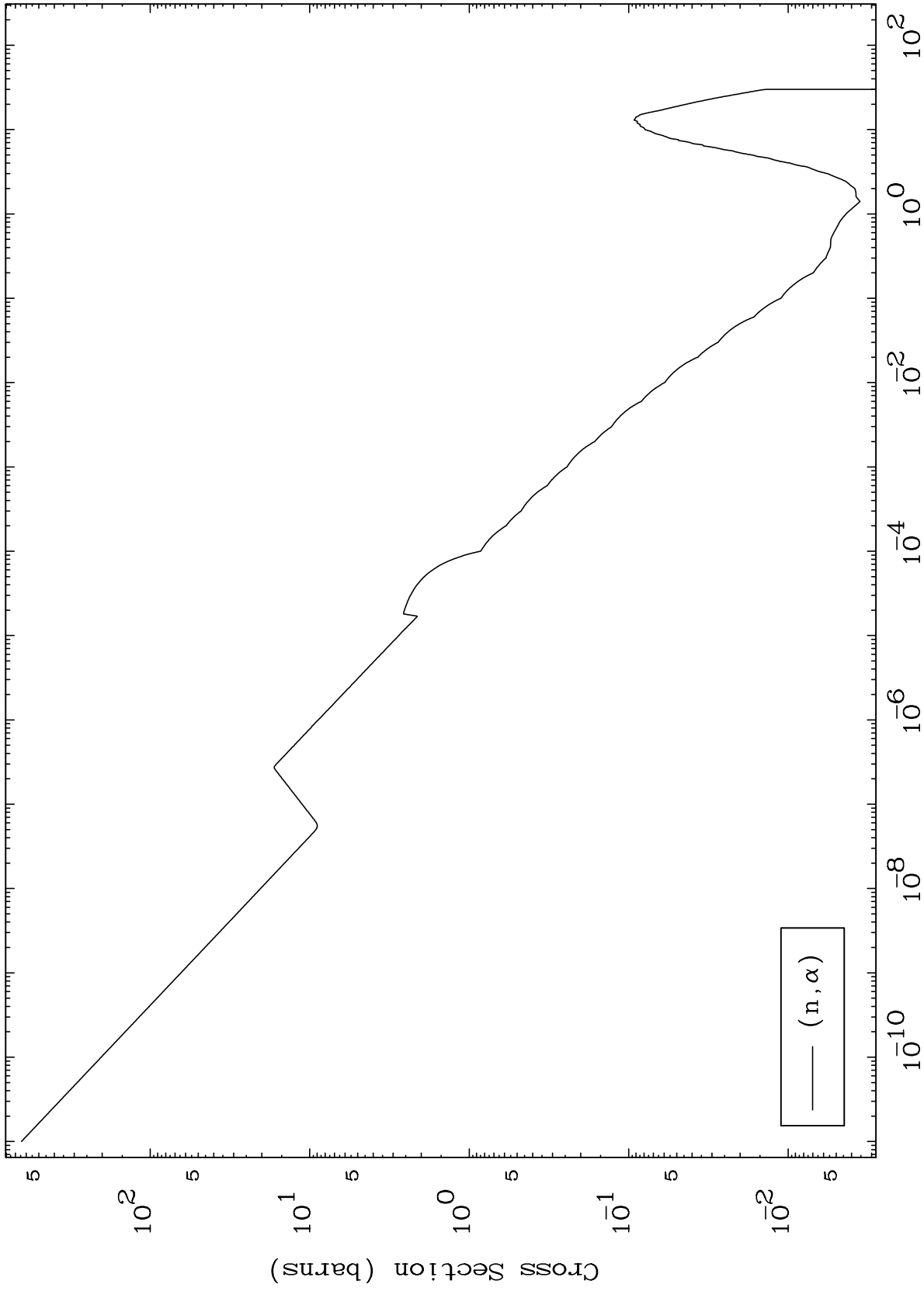
Incident Energy (MeV)

68-Er-147

MAT 6780

(n,α) Levels
293 Kelvin Cross Sections

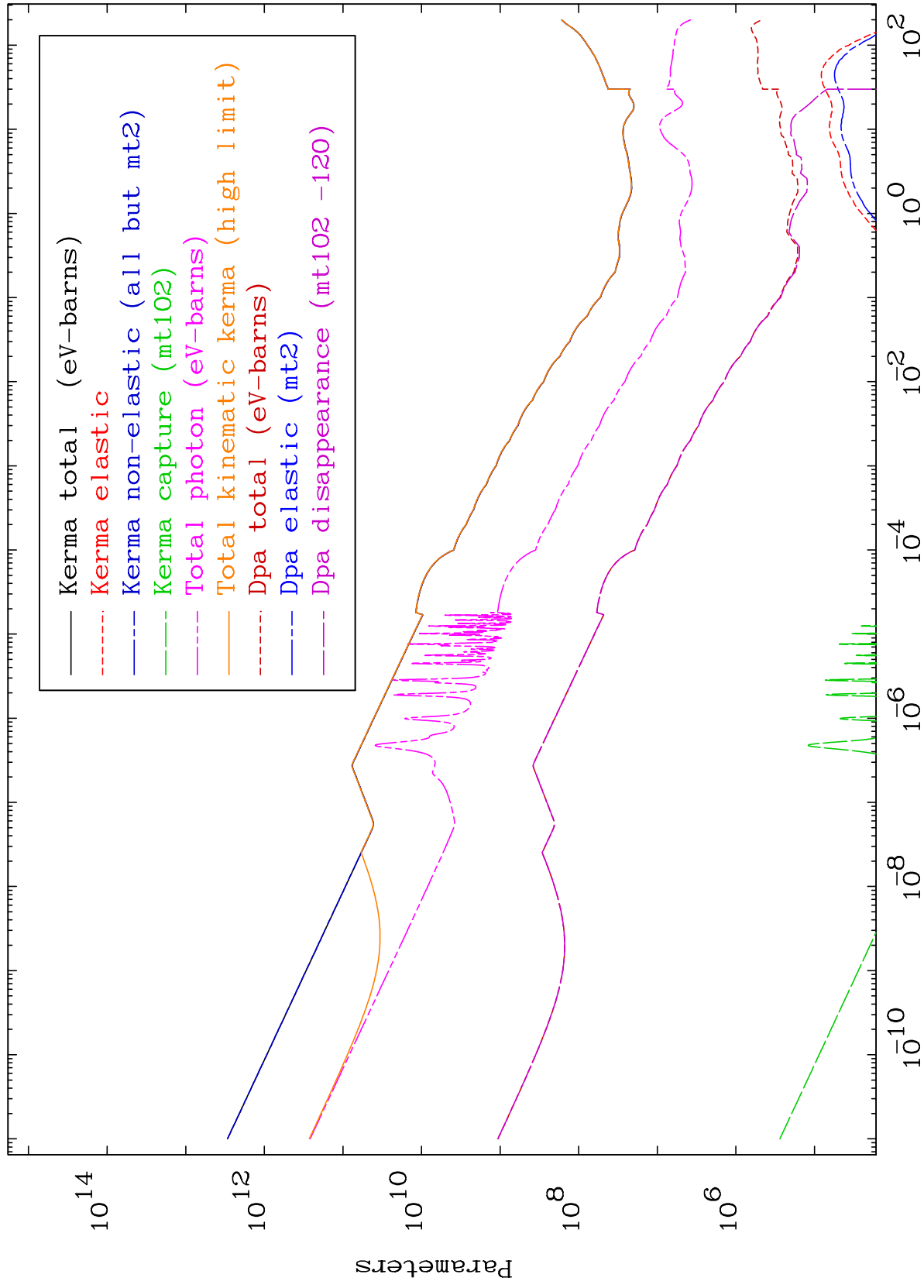
68-Er-147



12

Incident Energy (MeV)

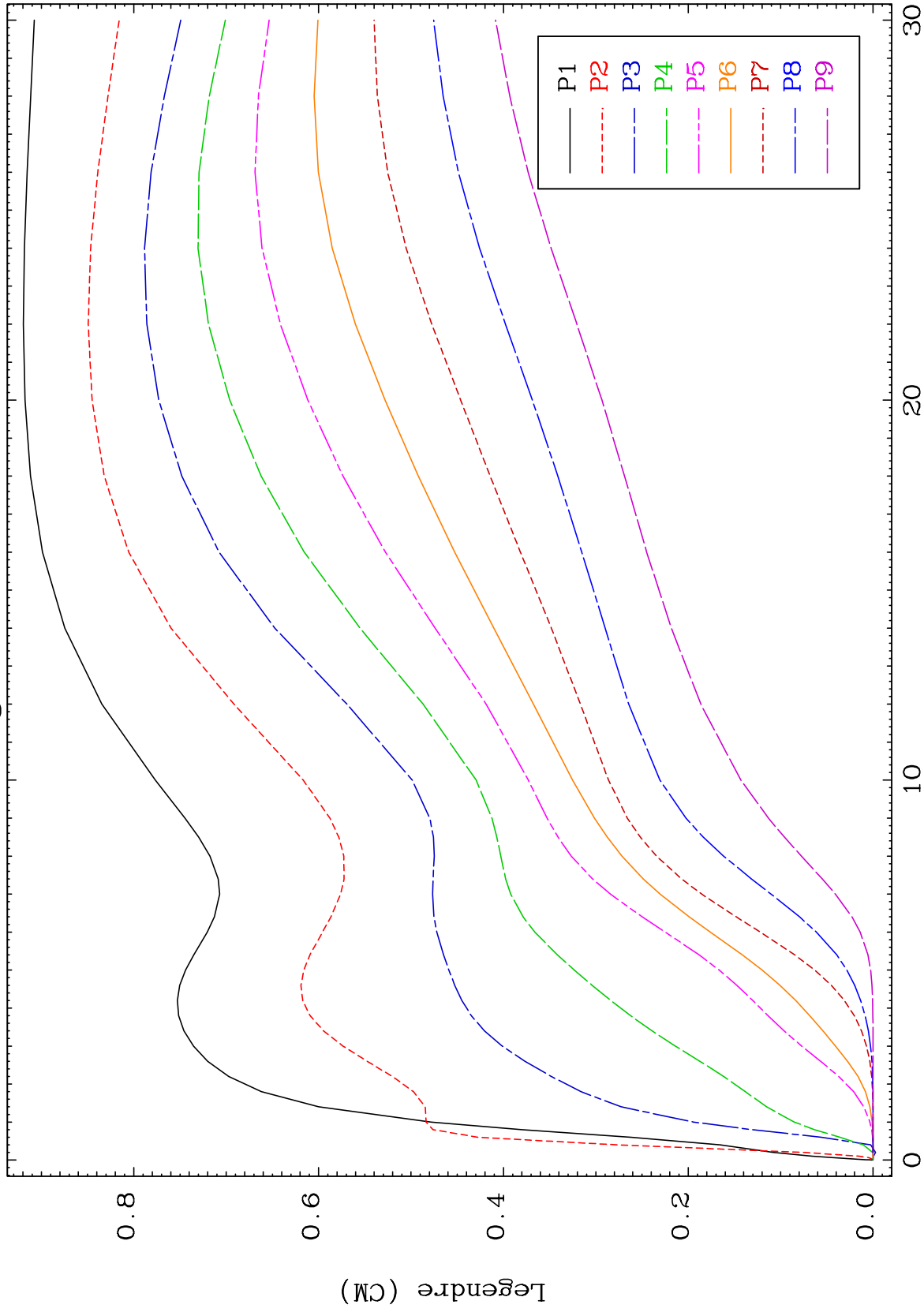
68-Er-147



MAT 6780

Elastic Legendre Coefficients

68-Er-147



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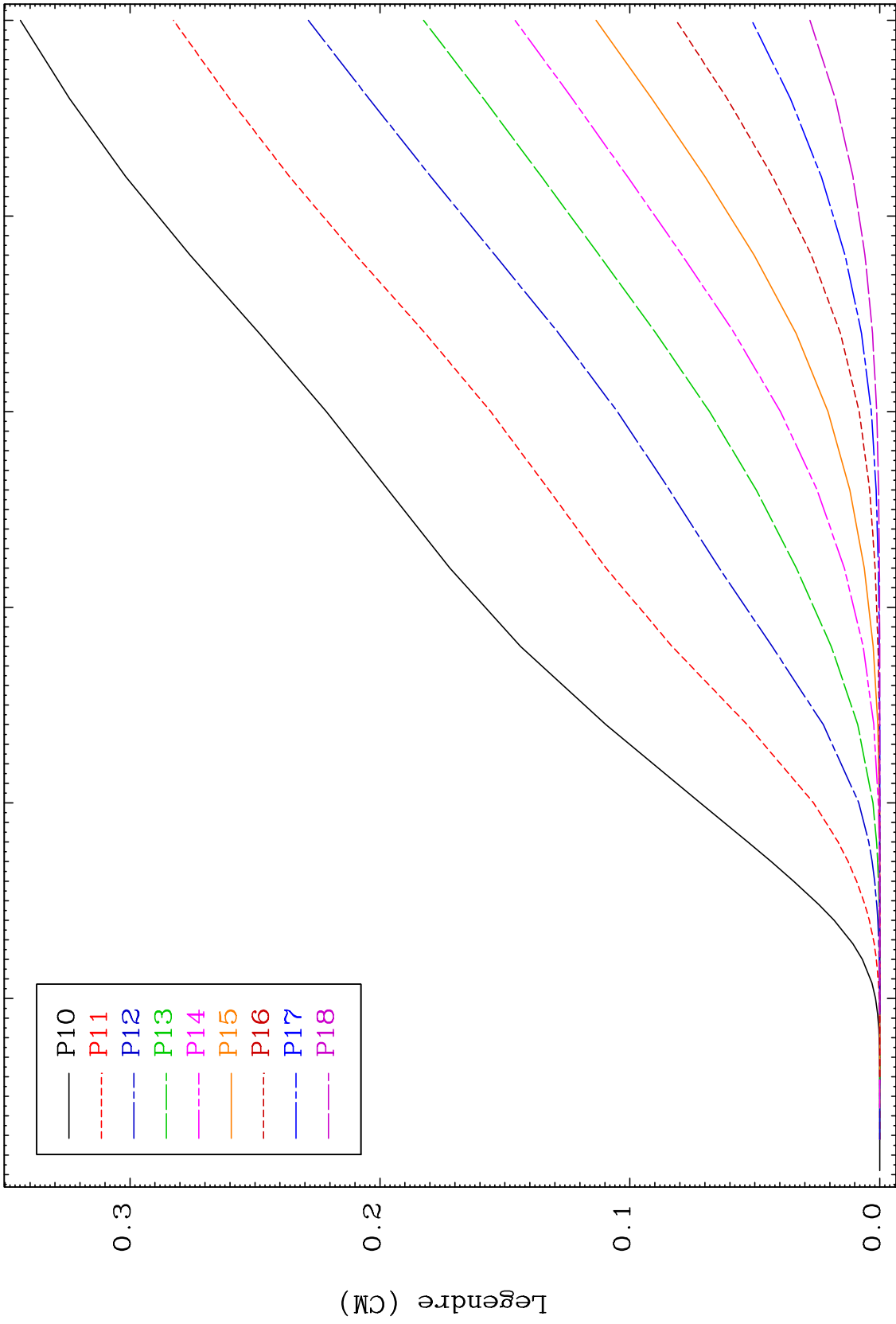
Incident Energy (MeV)

68-Er-147

MAT 6780

Elastic Legendre Coefficients

68-Er-147



15

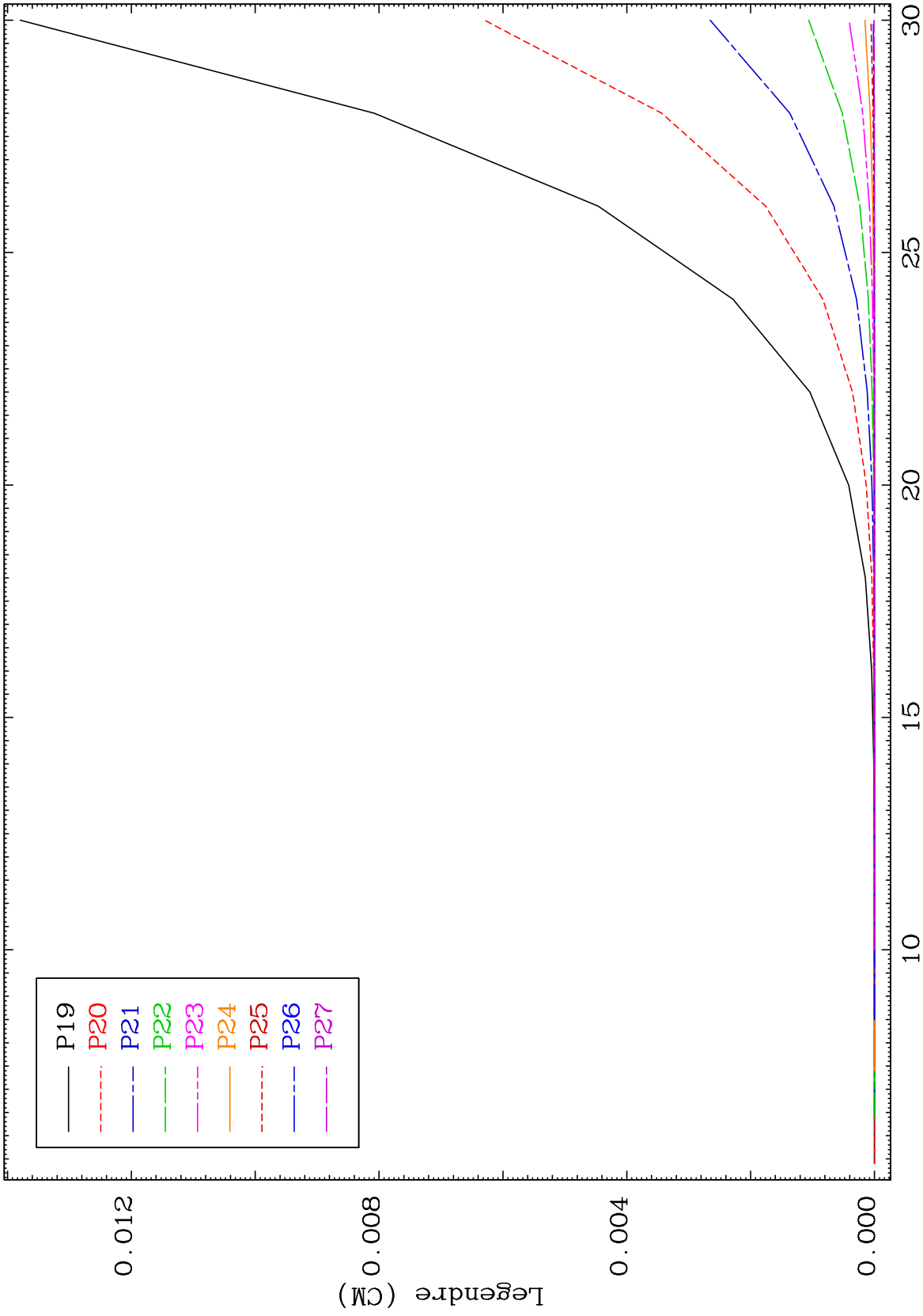
Incident Energy (MeV)

68-Er-147

MAT 6780

Elastic Legendre Coefficients

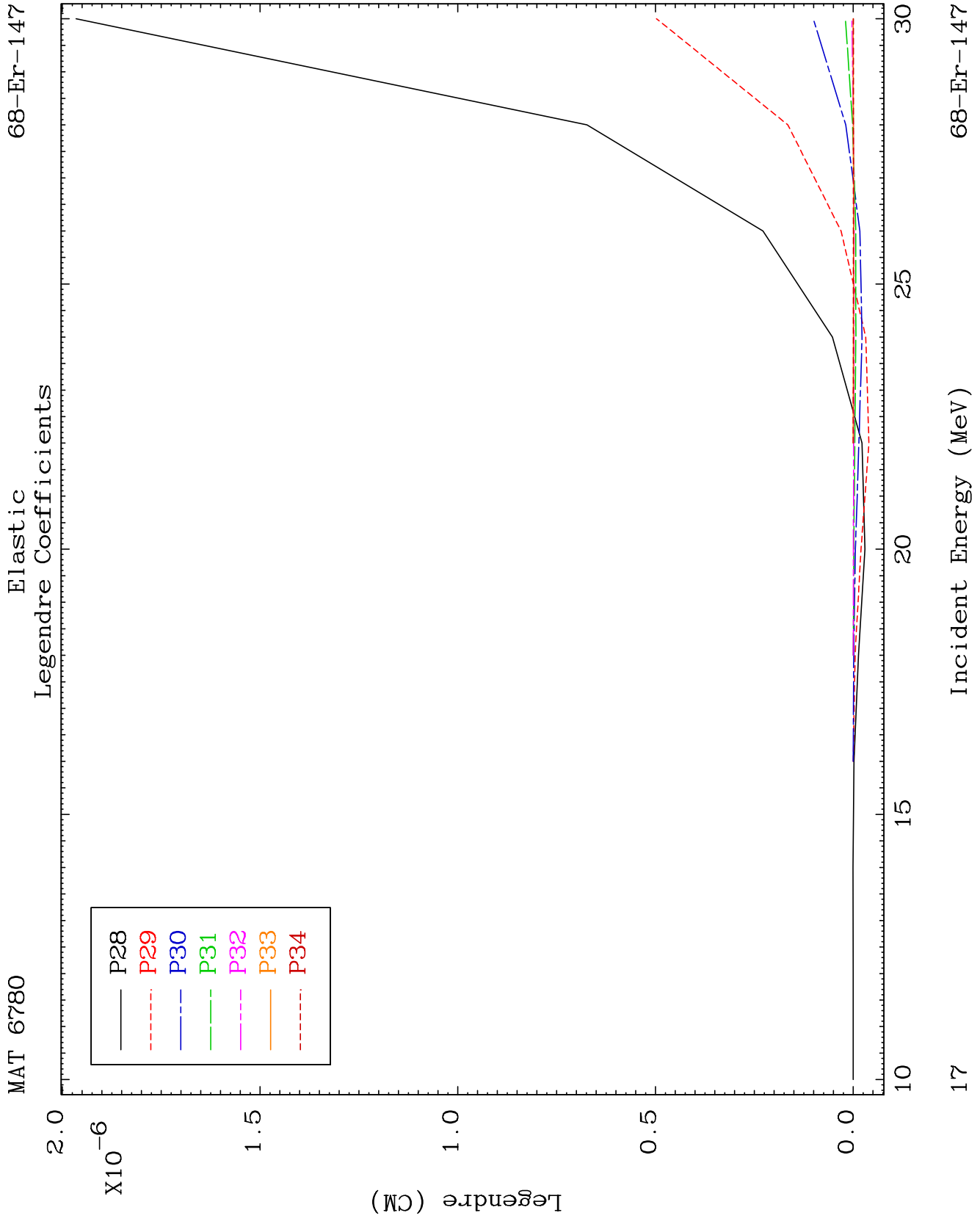
68-Er-147



16

Incident Energy (MeV)

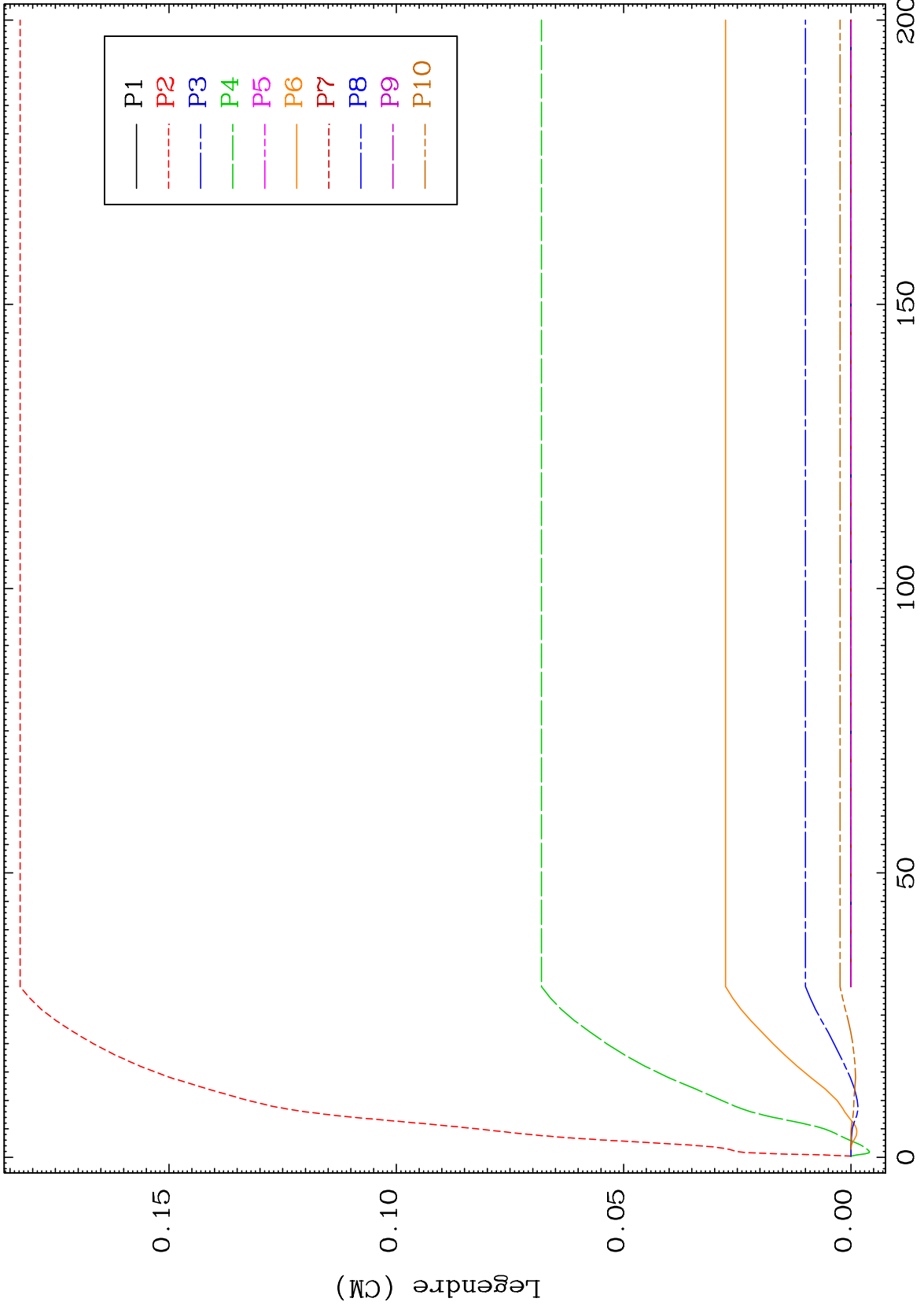
68-Er-147



MAT 6780

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

68-Er-147



18

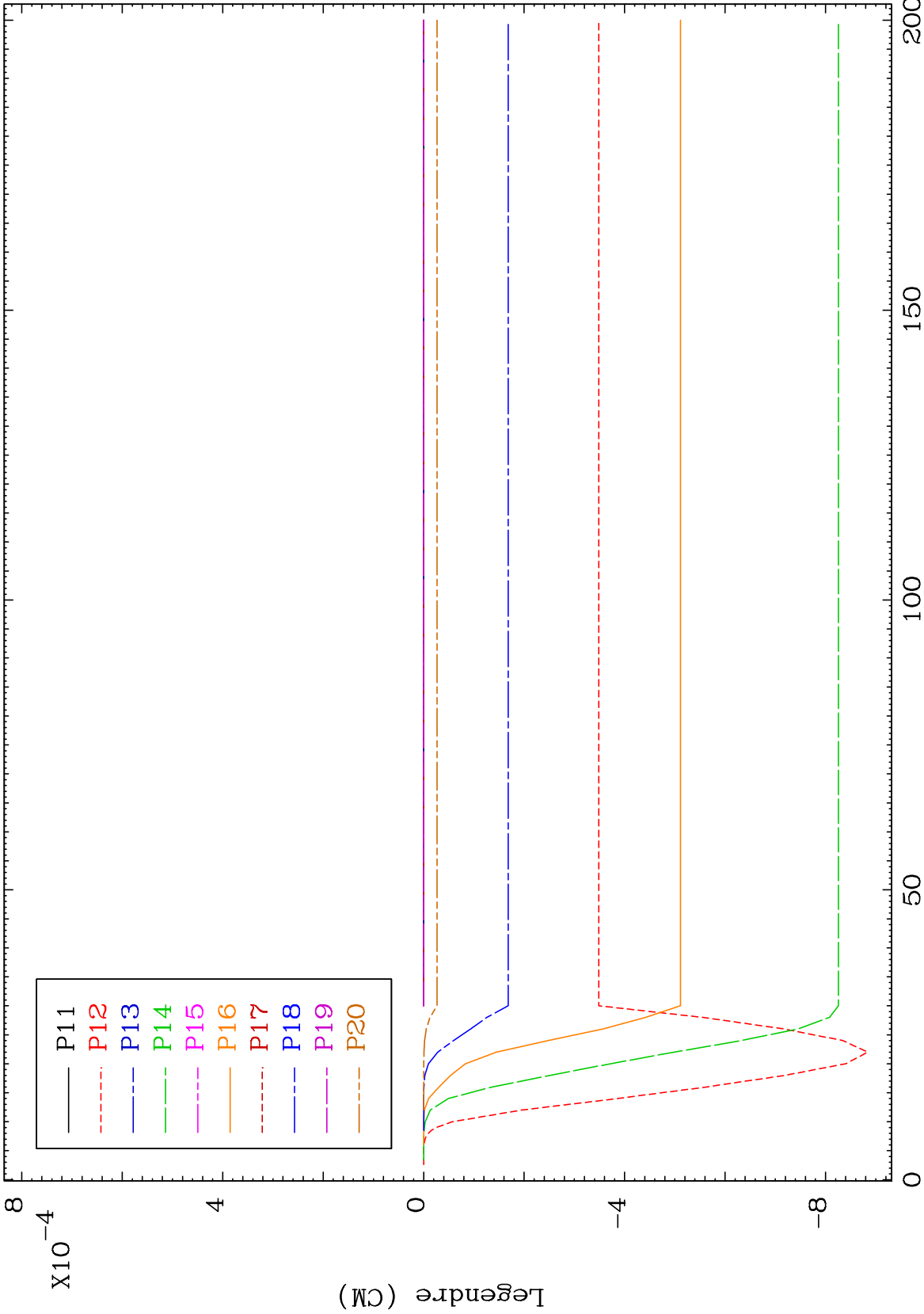
Incident Energy (MeV)

68-Er-147

MAT 6780

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

68-Er-147



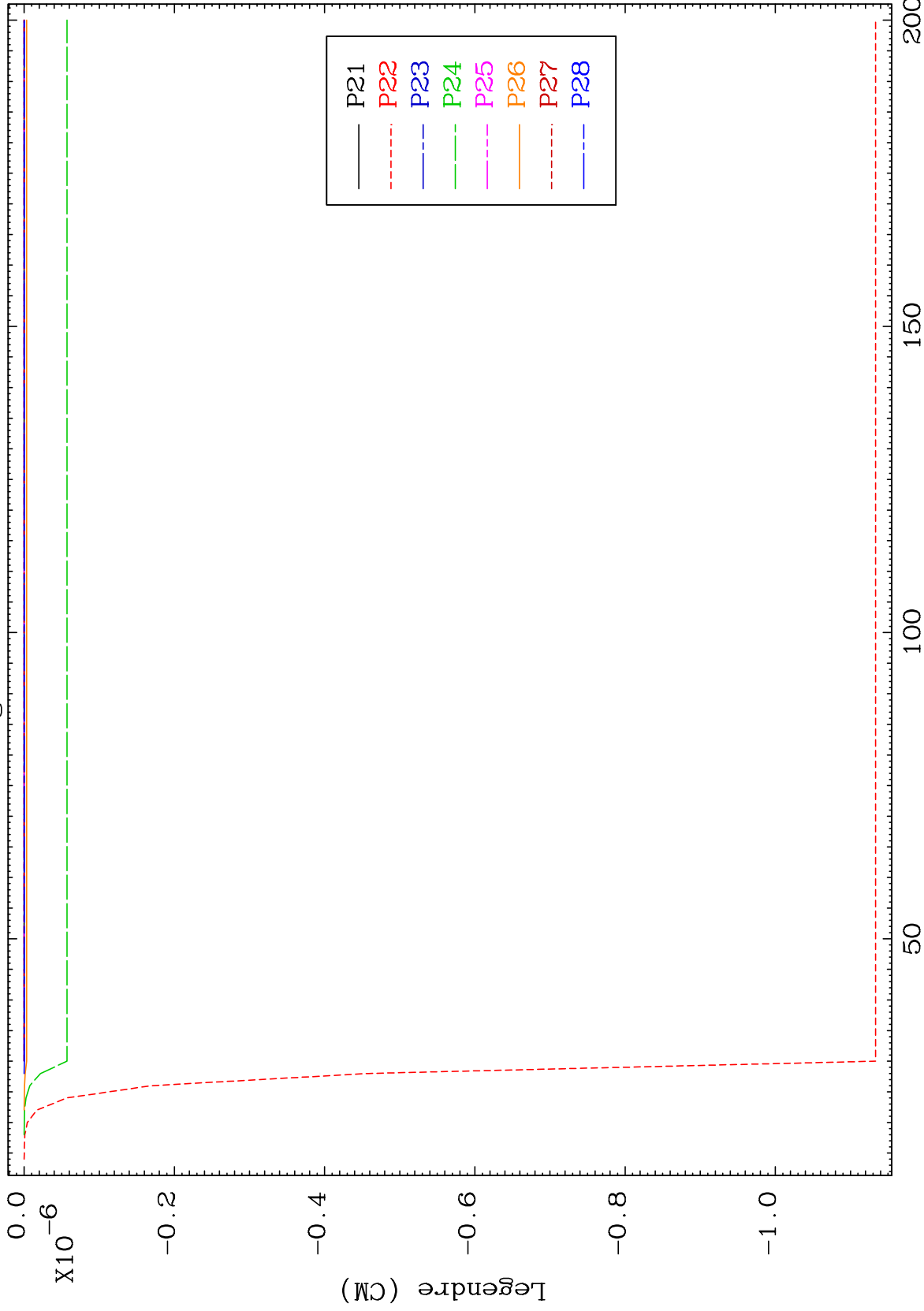
19

68-Er-147

MAT 6780

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

68-Er-147



68-Er-147

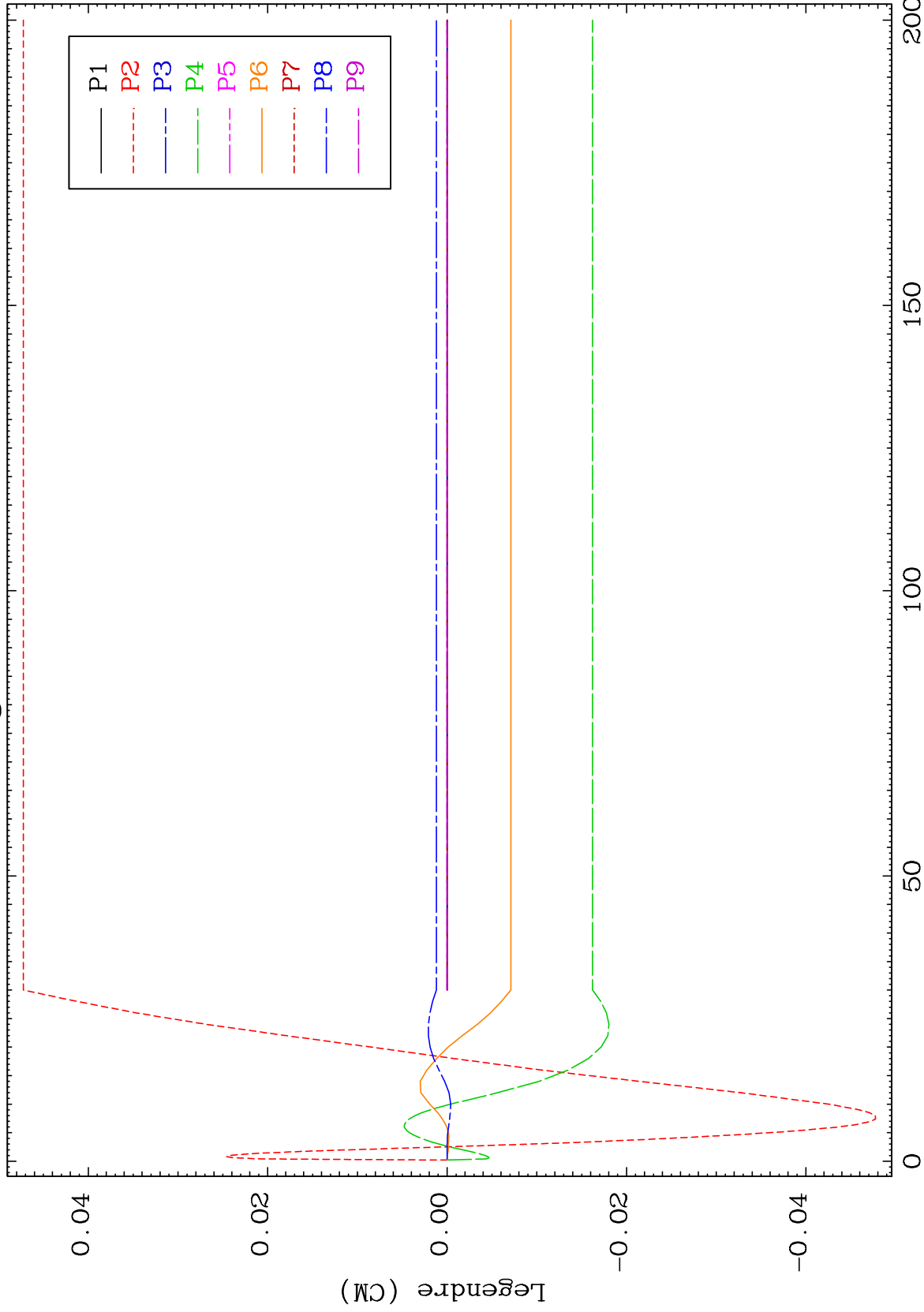
Incident Energy (MeV)

20

MAT 6780

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

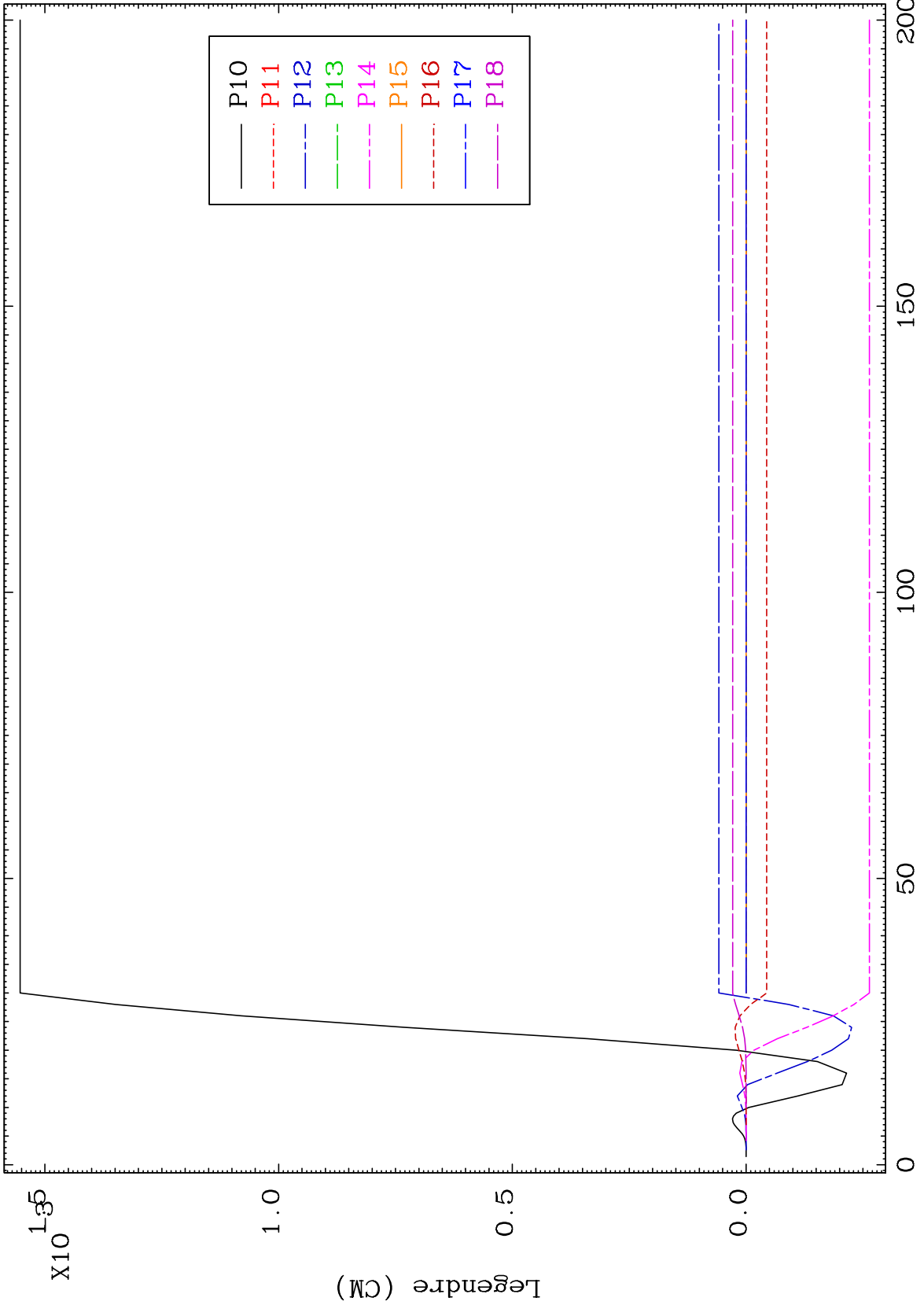
68-Er-147



21

Incident Energy (MeV)

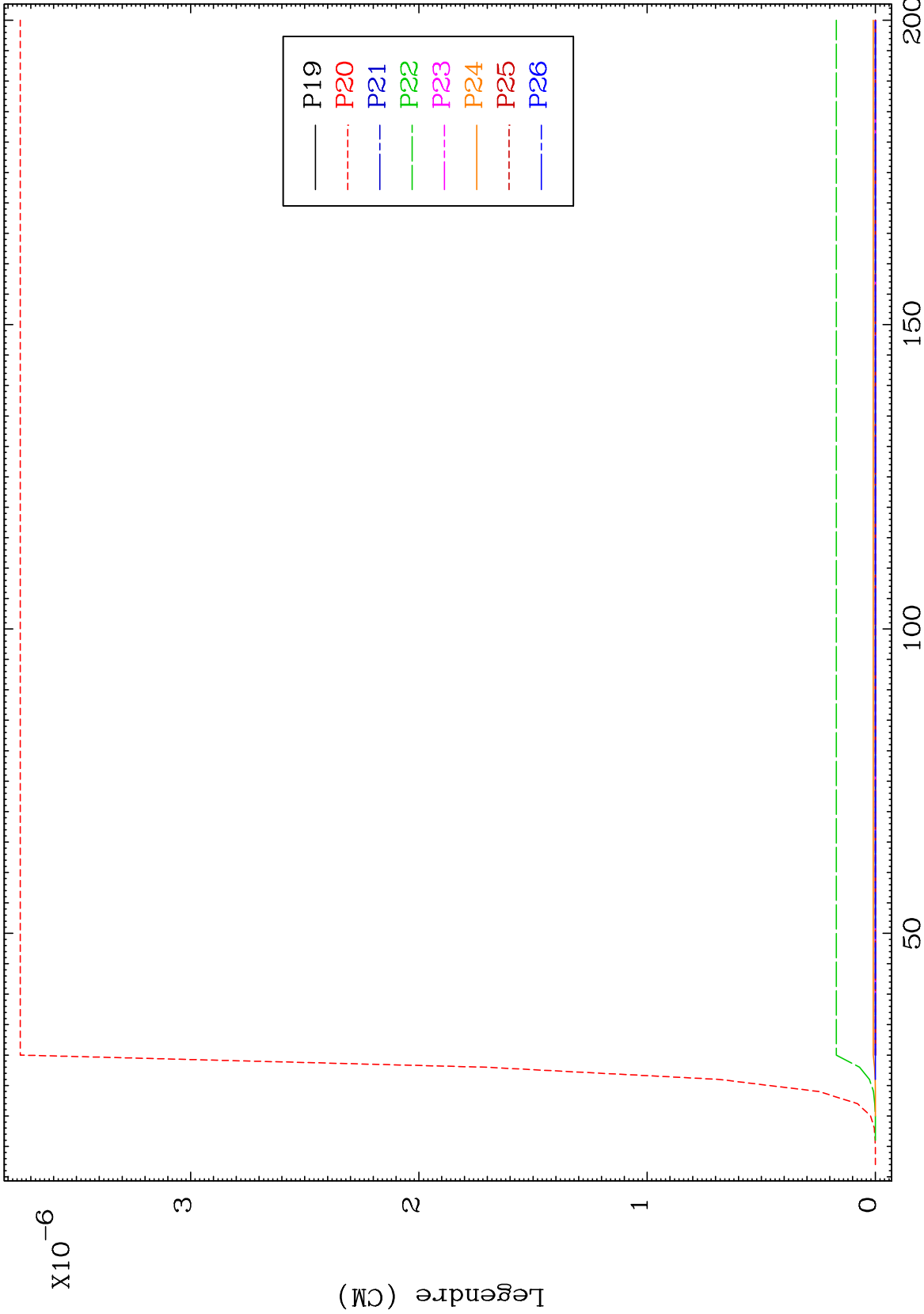
68-Er-147



MAT 6780

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

68-Er-147



23

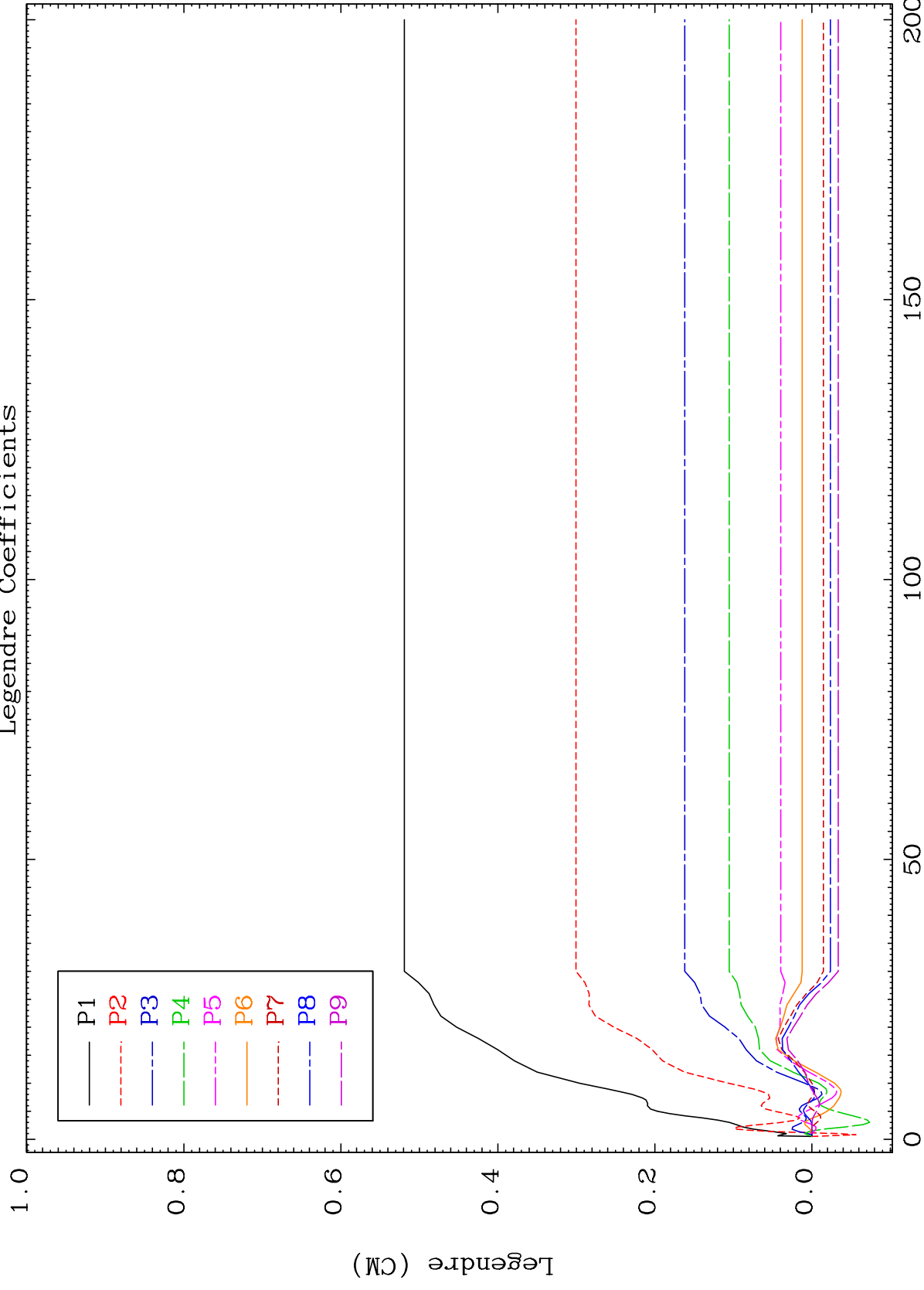
Incident Energy (MeV)

68-Er-147

MAT 6780

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

68-Er-147



68-Er-147

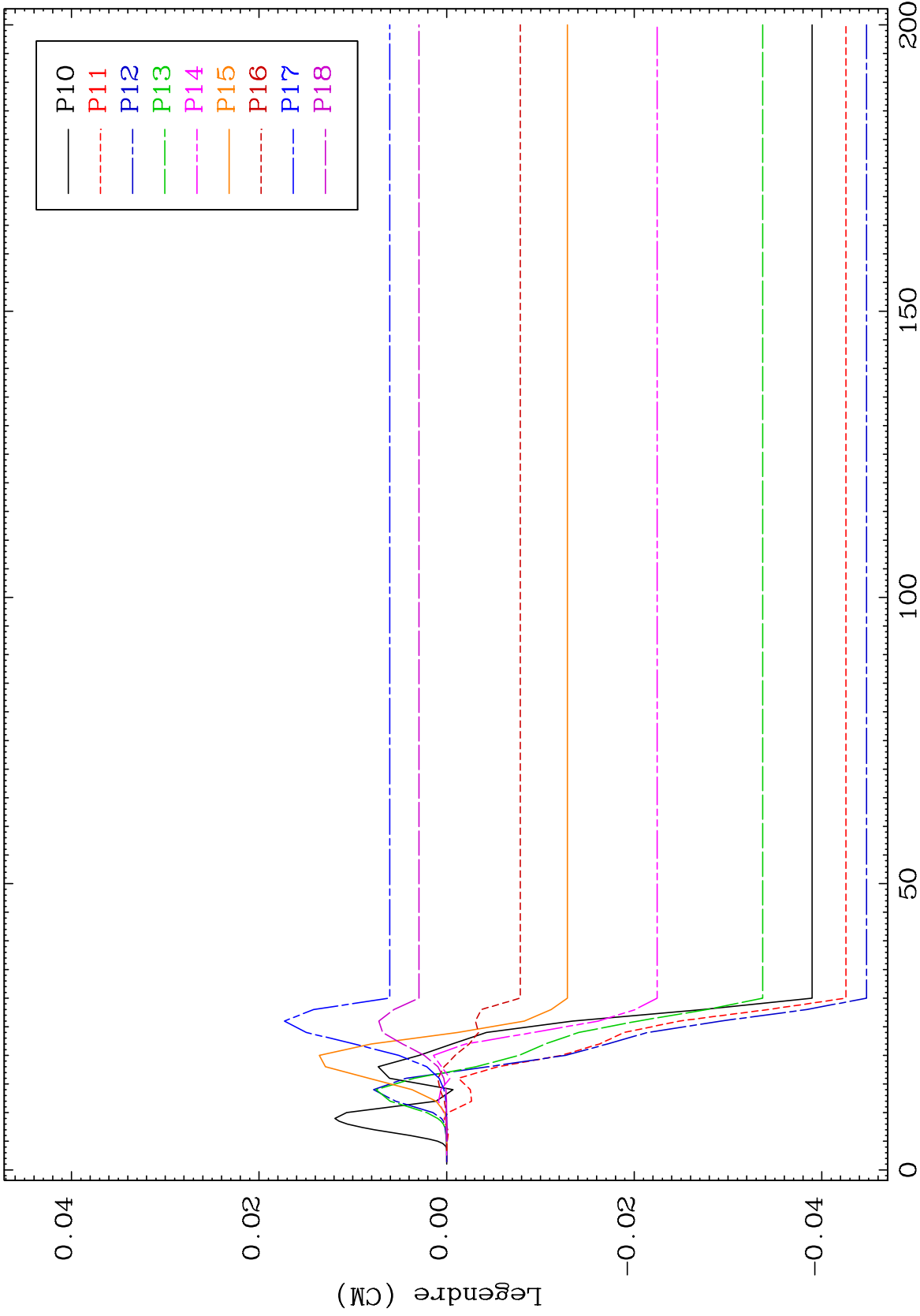
Incident Energy (MeV)

24

MAT 6780

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

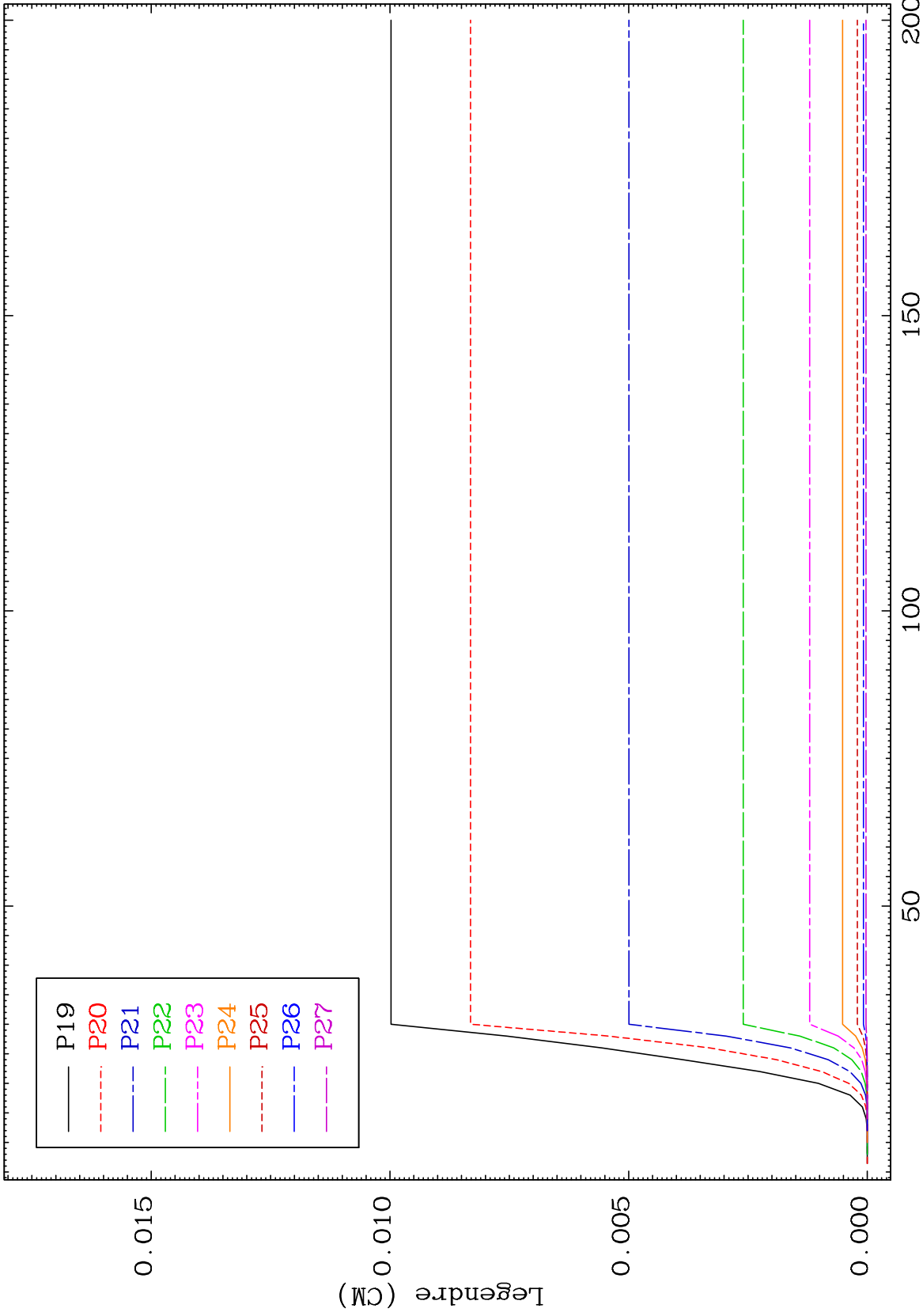
68-Er-147

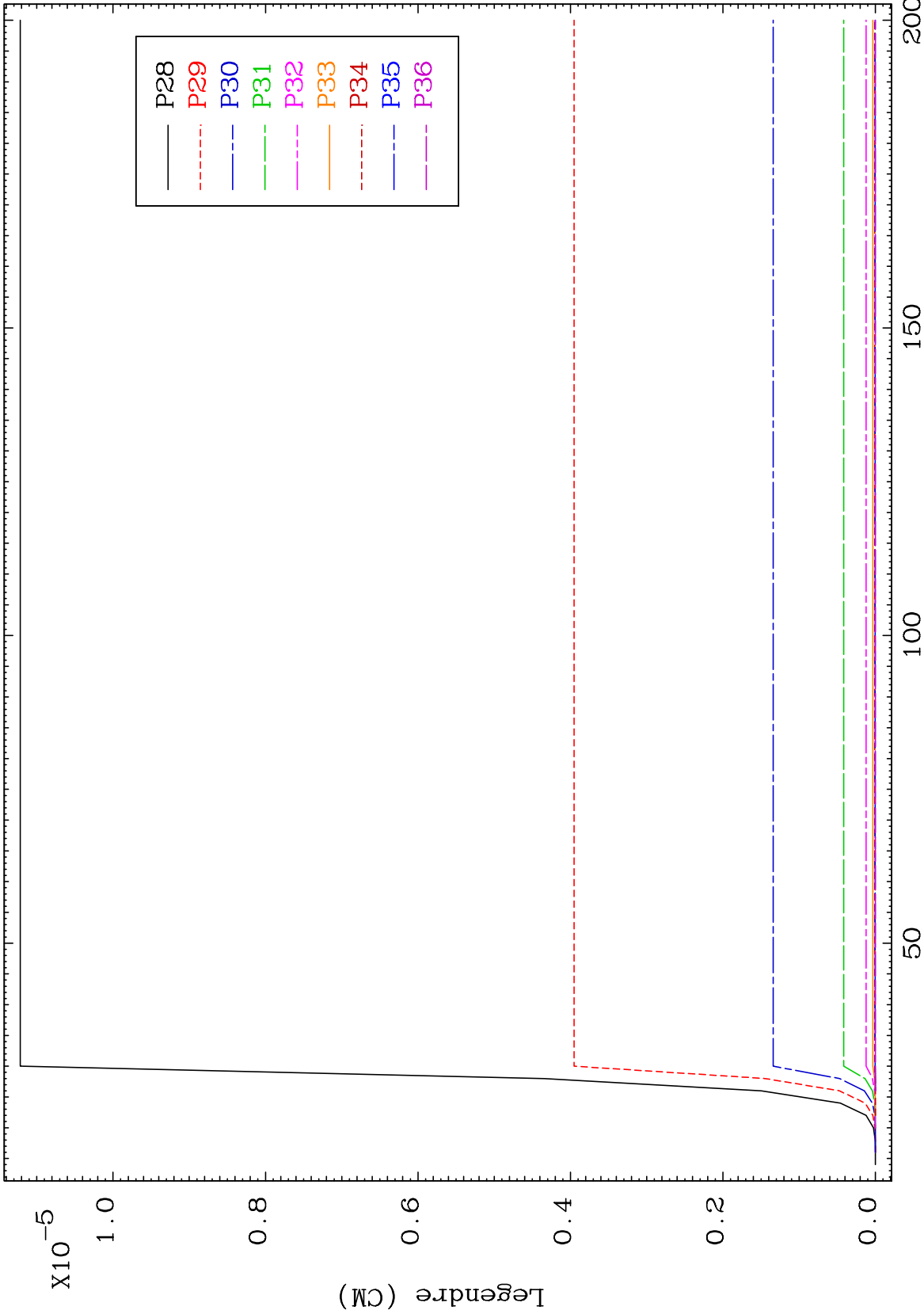


25

Incident Energy (MeV)

68-Er-147

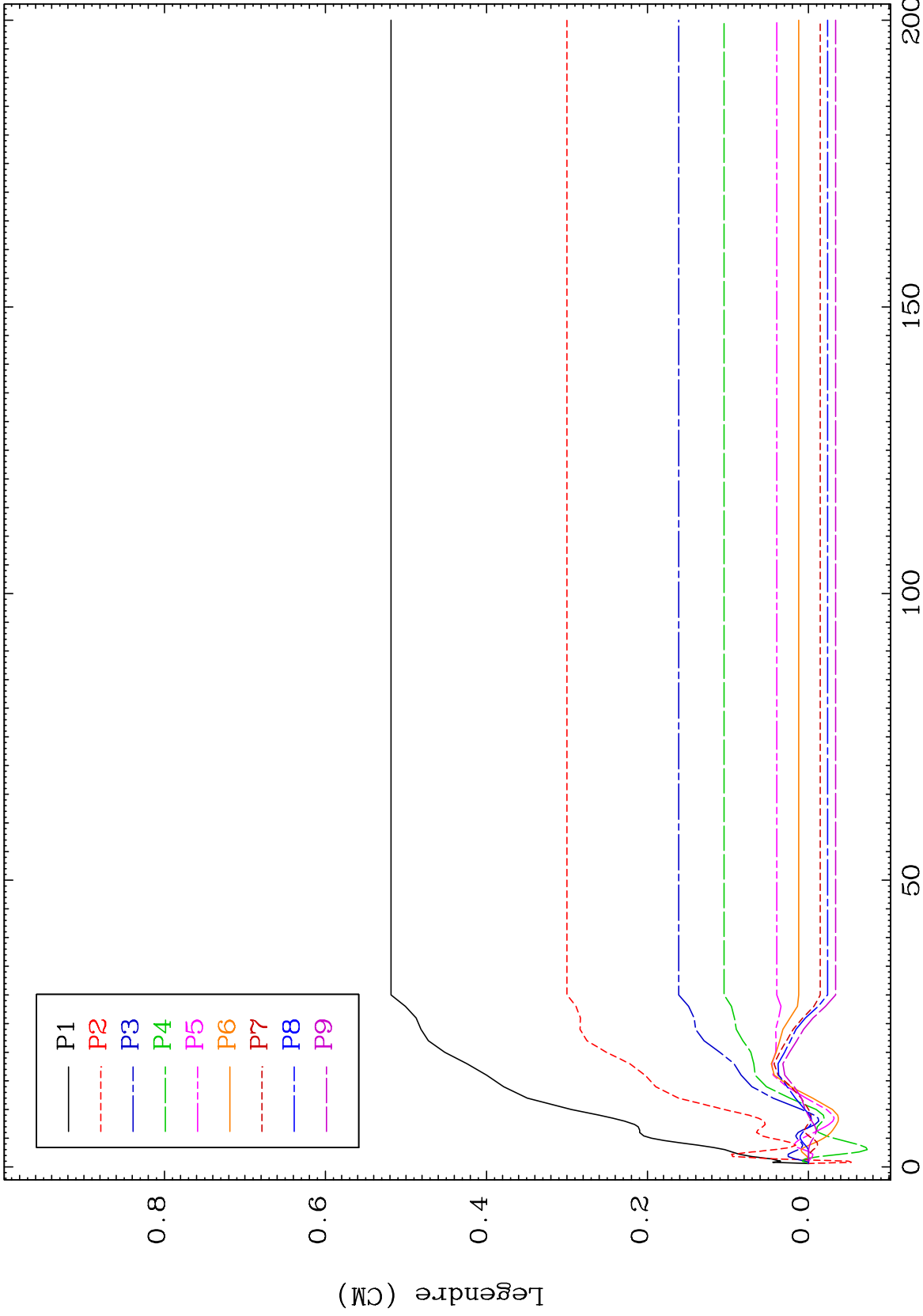




MAT 6780

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

68-Er-147



28

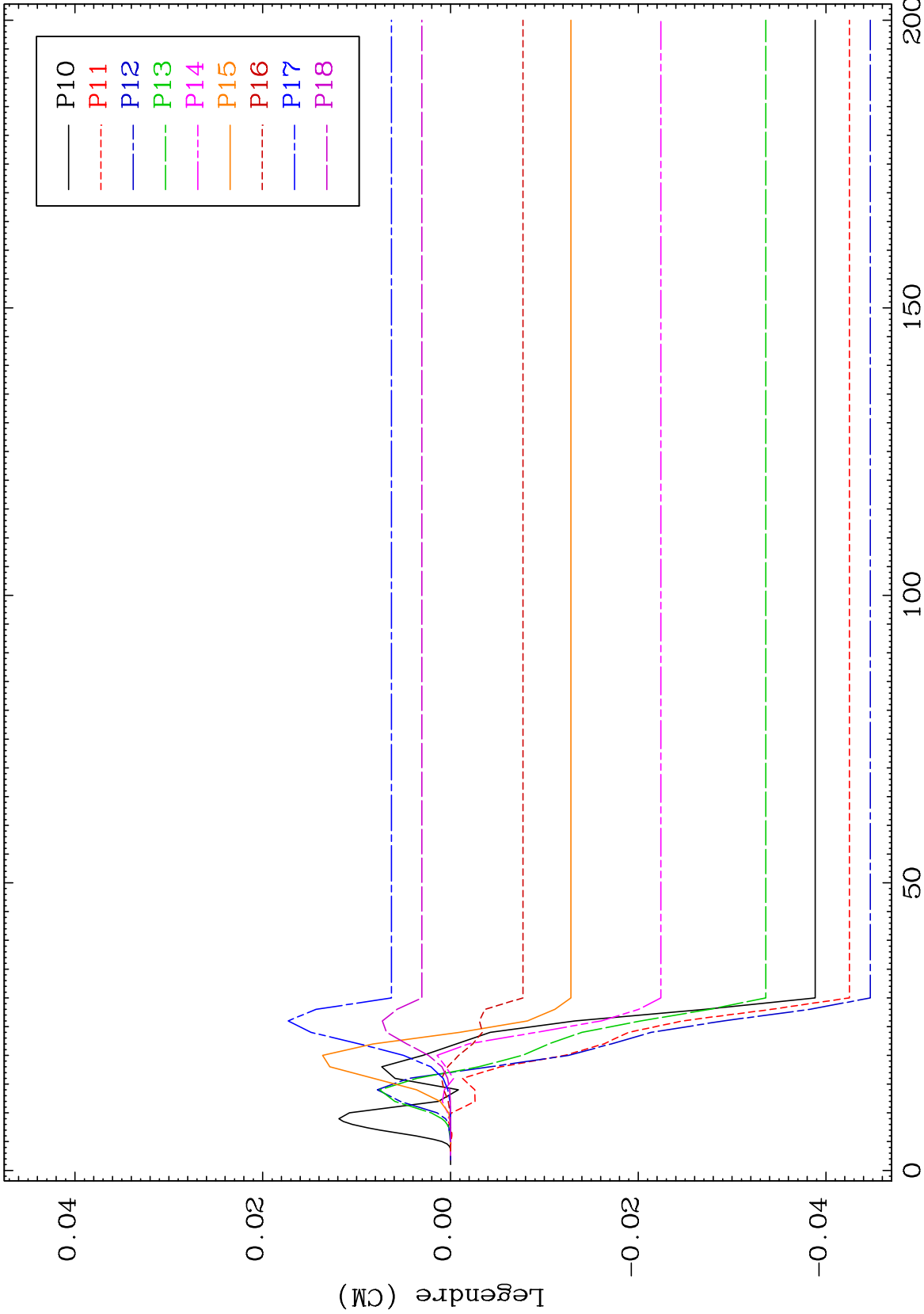
Incident Energy (MeV)

68-Er-147

MAT 6780

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

68-Er-147



29

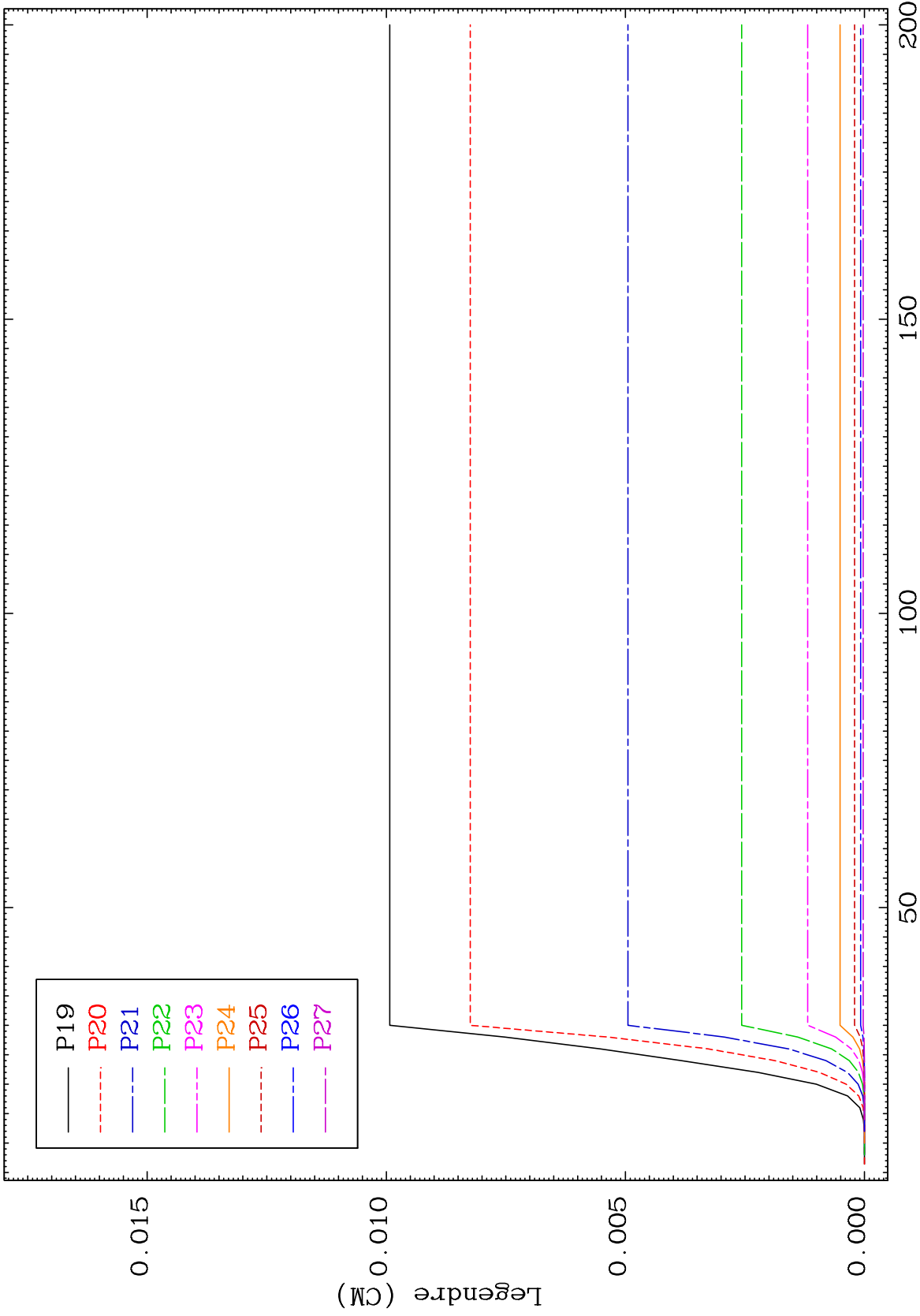
Incident Energy (MeV)

68-Er-147

MAT 6780

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

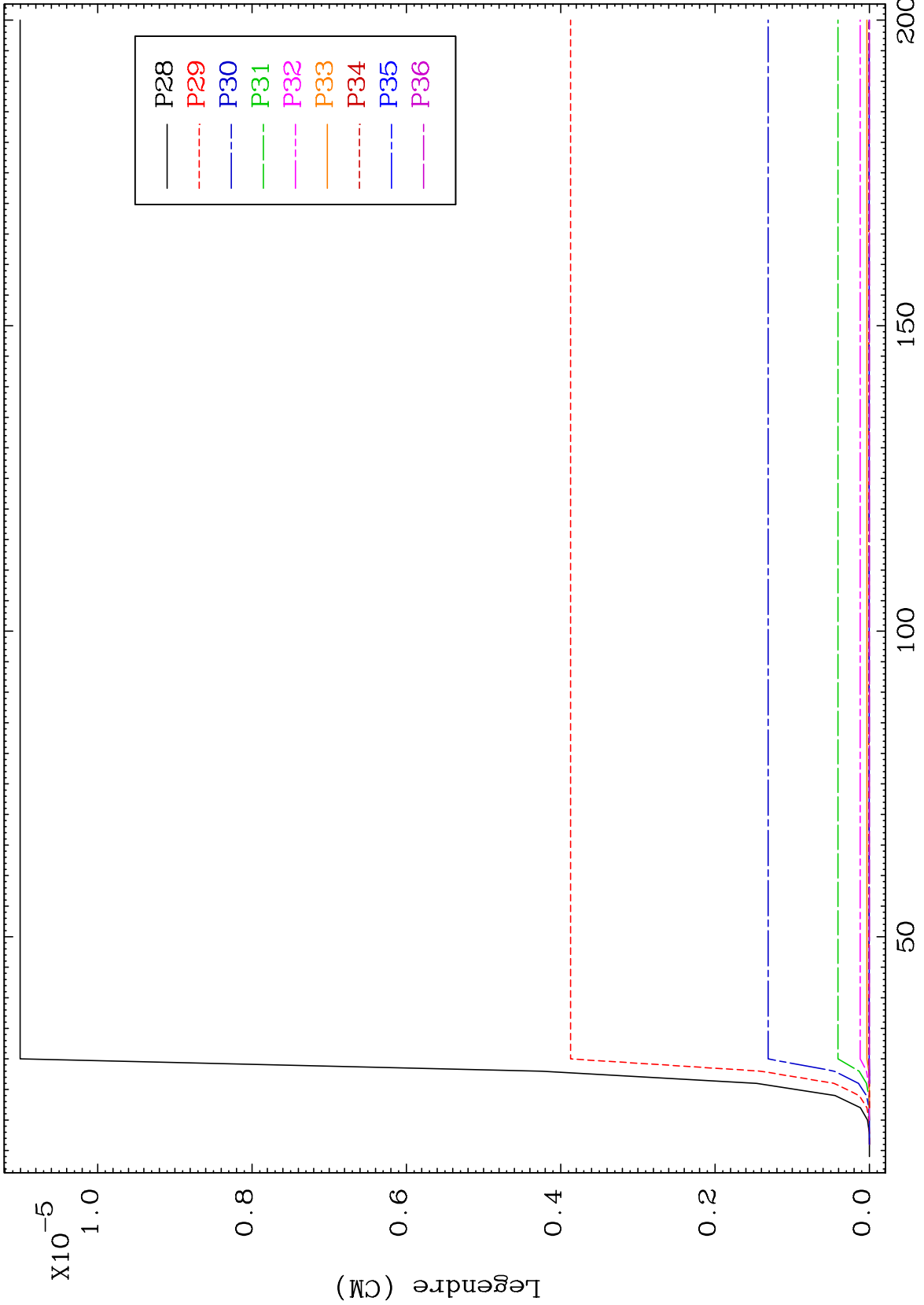
68-Er-147



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Incident Energy (MeV)

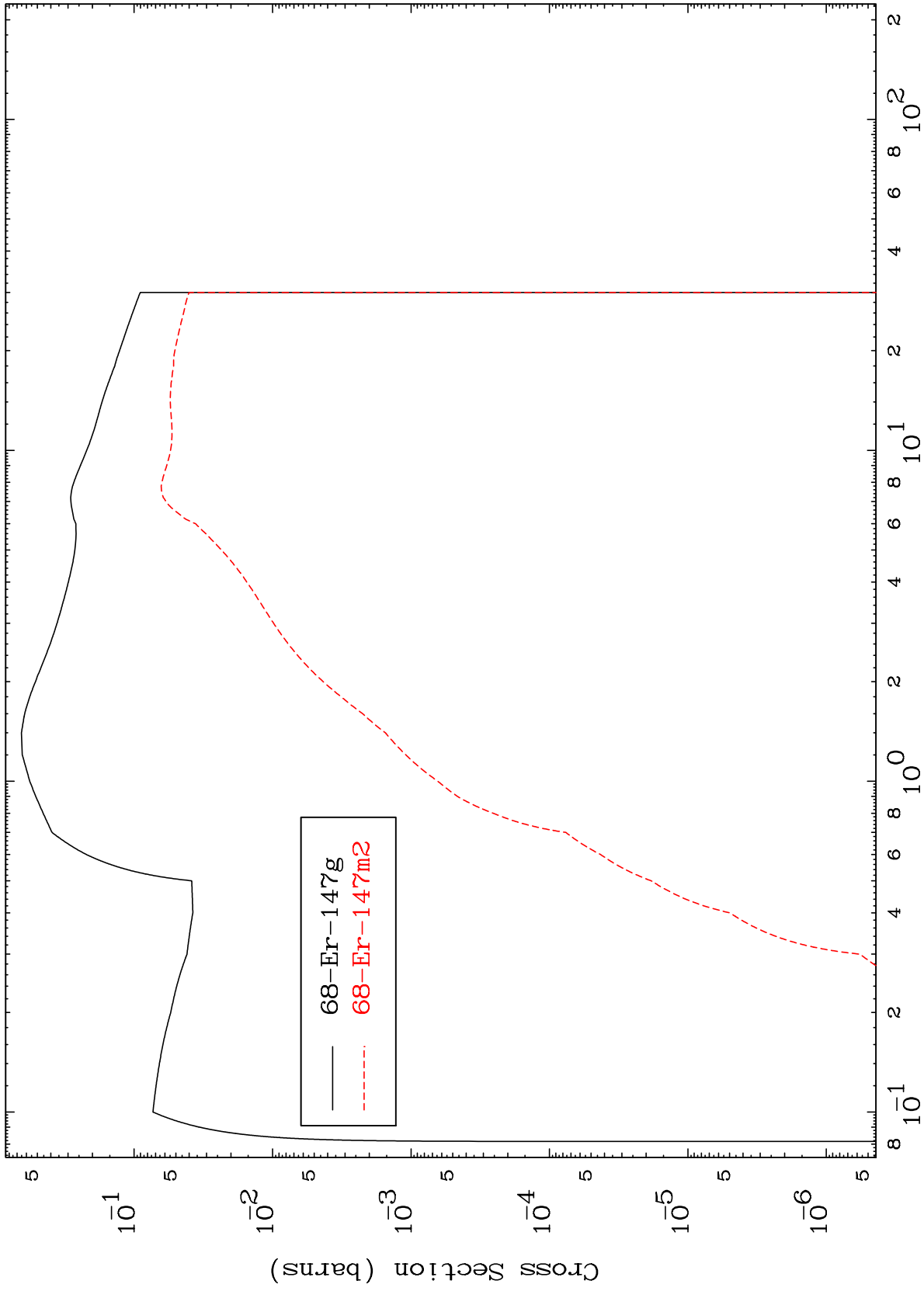
68-Er-147



MAT 6780

68-Er-147

Inelastic Radionuclide Production Cross Section



32

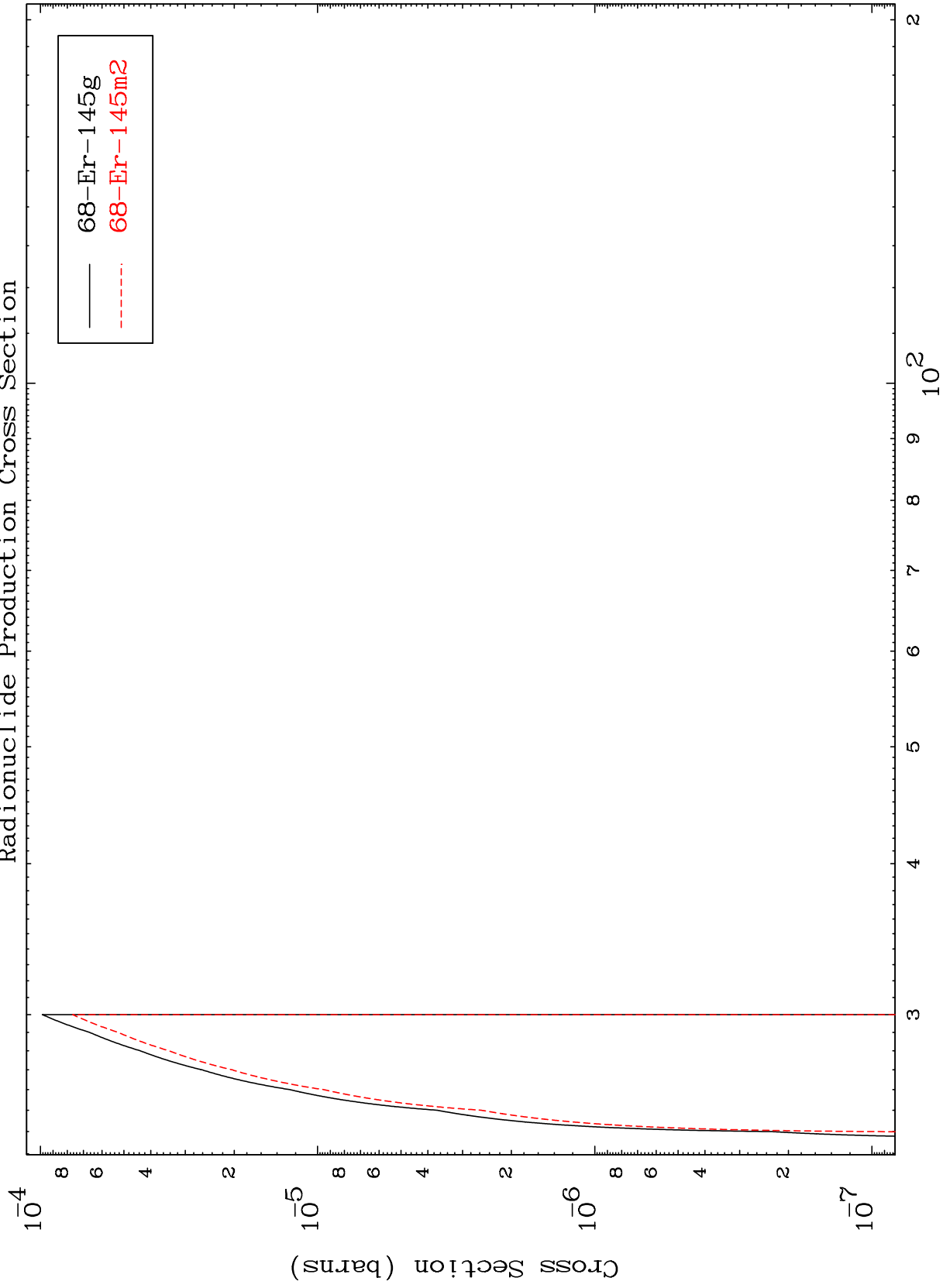
Incident Energy (MeV)

68-Er-147

MAT 6780

68-Er-147

(n,3n)
Radionuclide Production Cross Section



33

68-Er-147

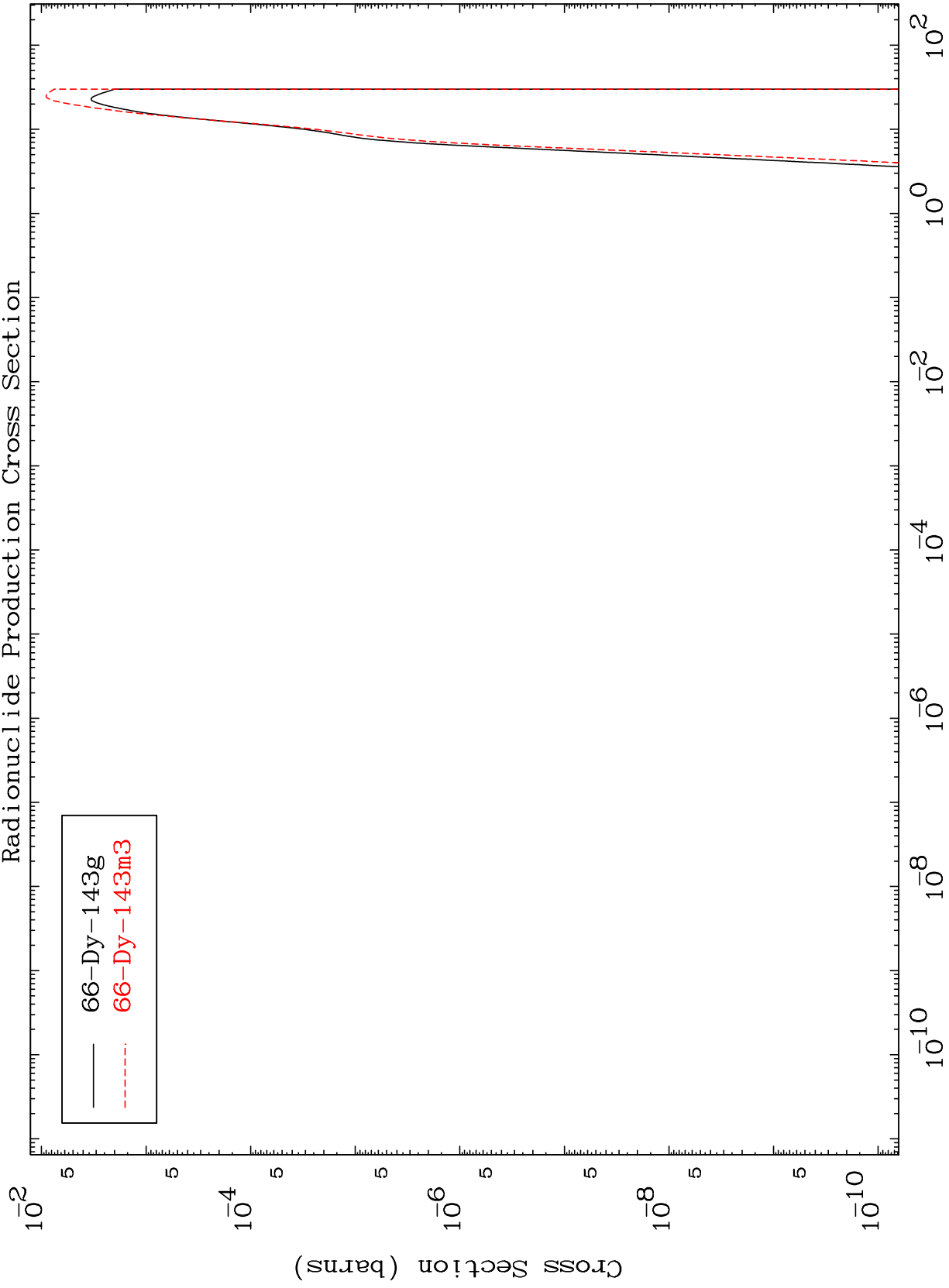
Incident Energy (MeV)

MAT 6780

(n,n') α

68-Er-147

Radionuclide Production Cross Section



66-Dy-143g
66-Dy-143m3

34

Incident Energy (MeV)

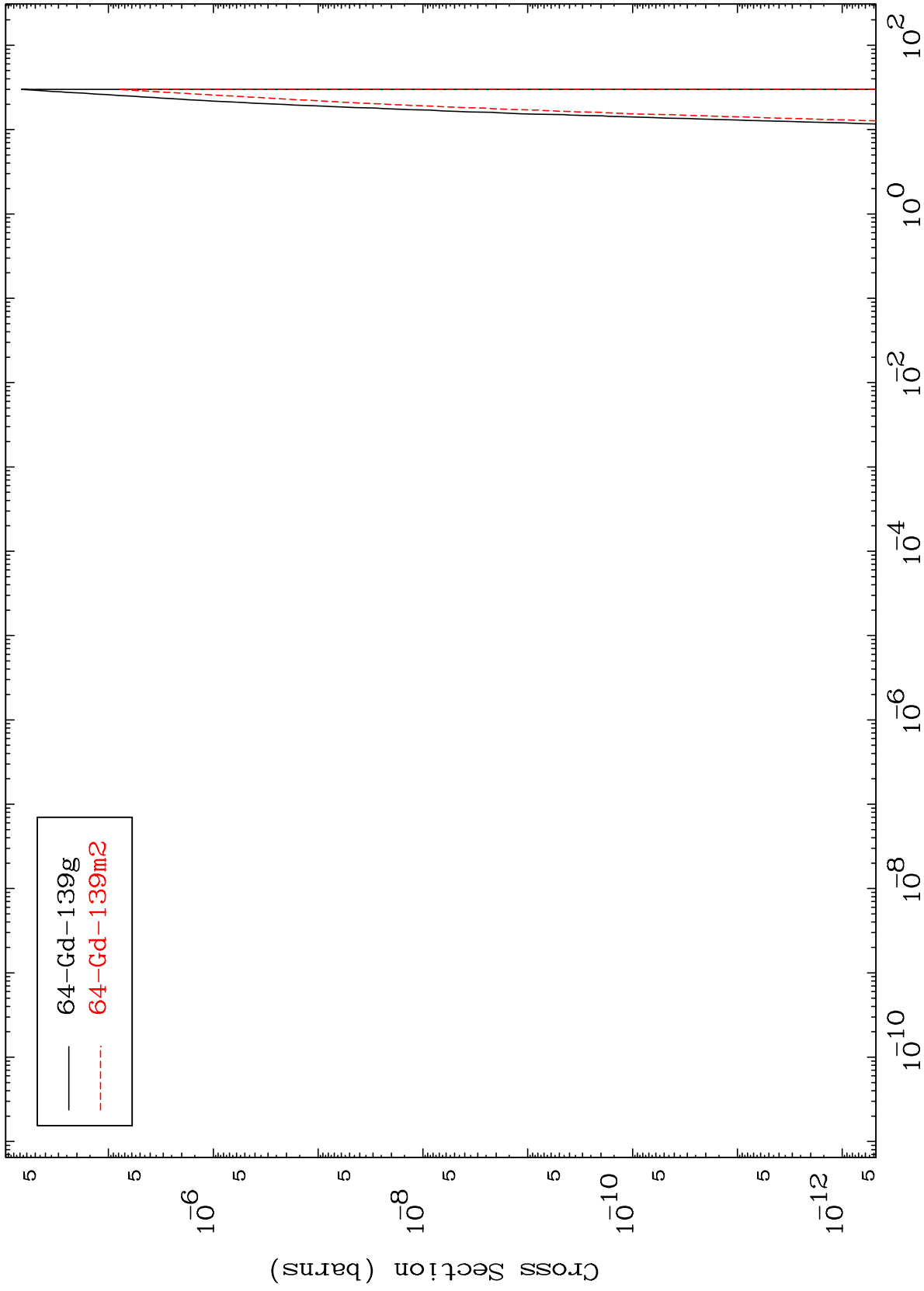
68-Er-147

MAT 6780

(n,n') 2 α

68-Er-147

Radionuclide Production Cross Section



35

Incident Energy (MeV)

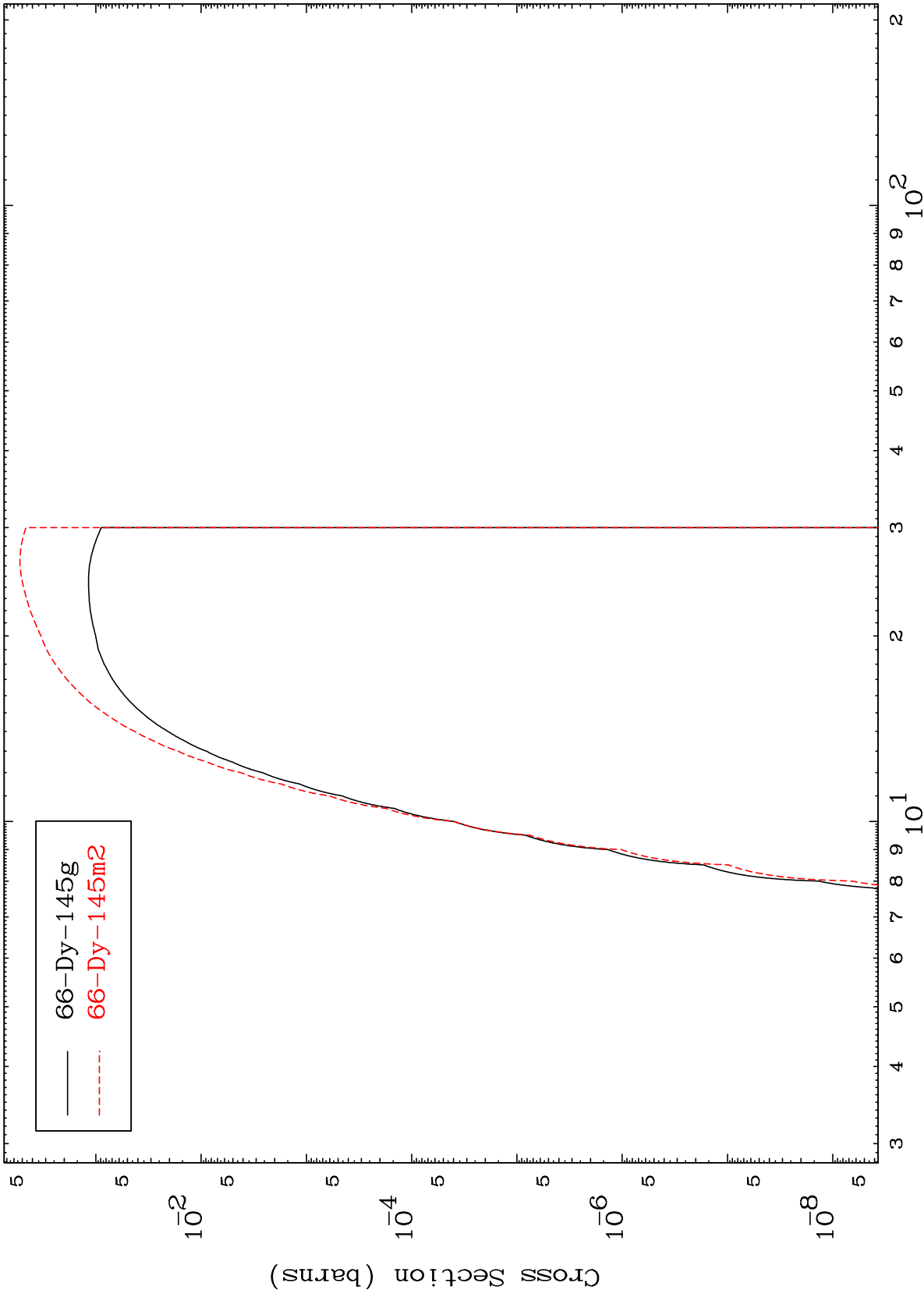
68-Er-147

MAT 6780

(n,2n) p

68-Er-147

Radionuclide Production Cross Section



36

Incident Energy (MeV)

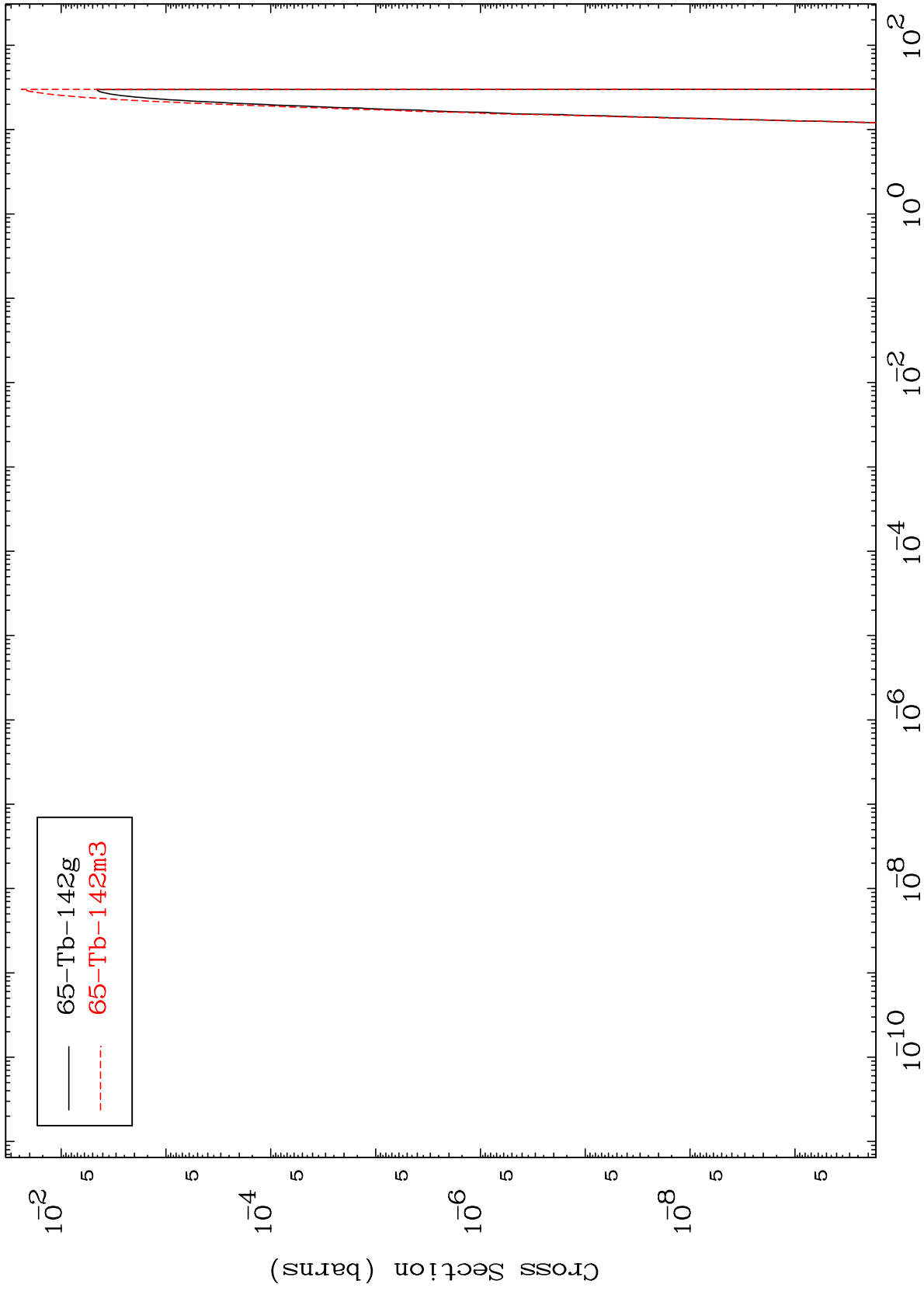
68-Er-147

MAT 6780

(n,n') p α

68-Er-147

Radionuclide Production Cross Section



37

Incident Energy (MeV)

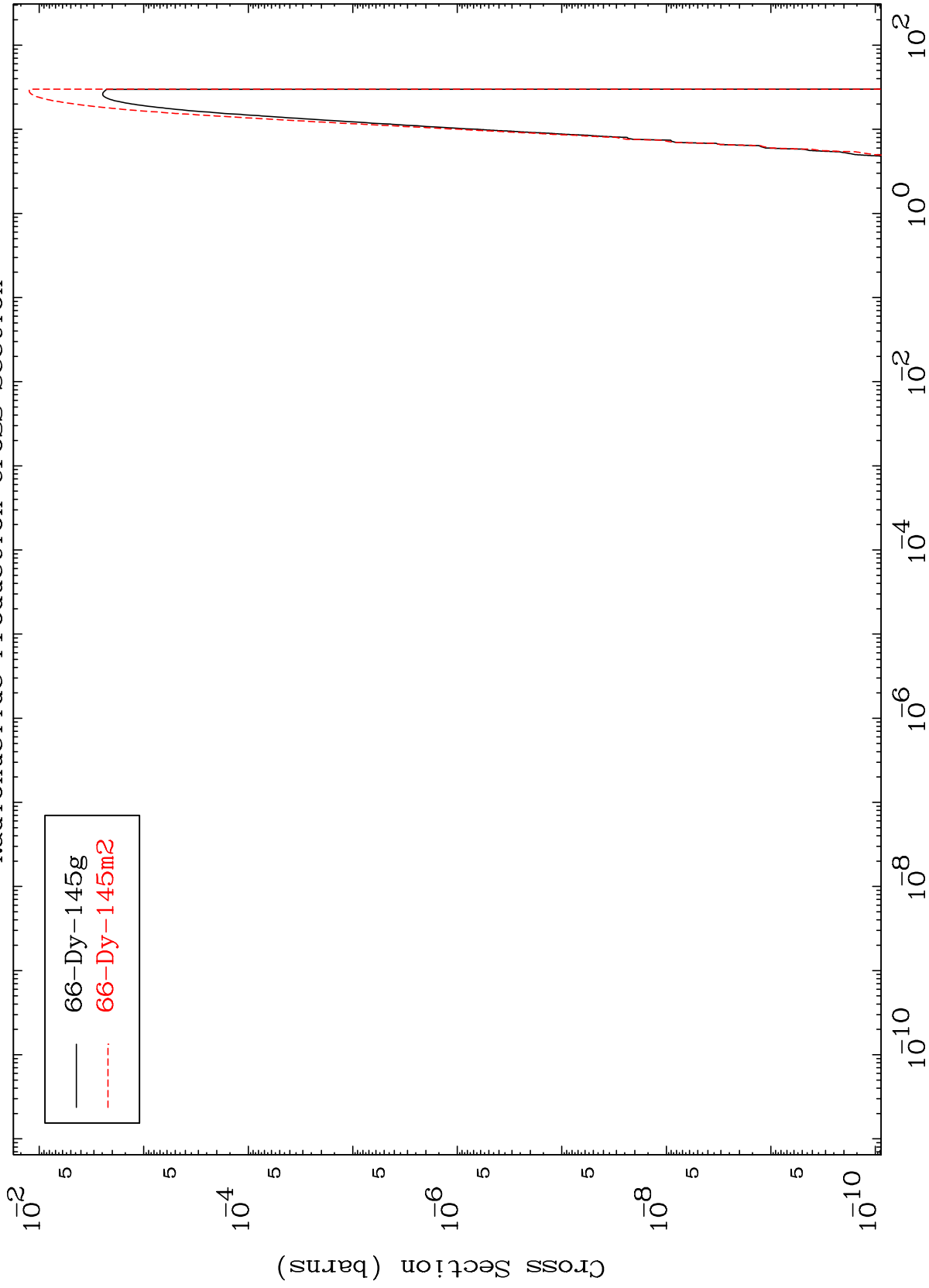
68-Er-147

MAT 6780

(n,He-3)

68-Er-147

Radionuclide Production Cross Section



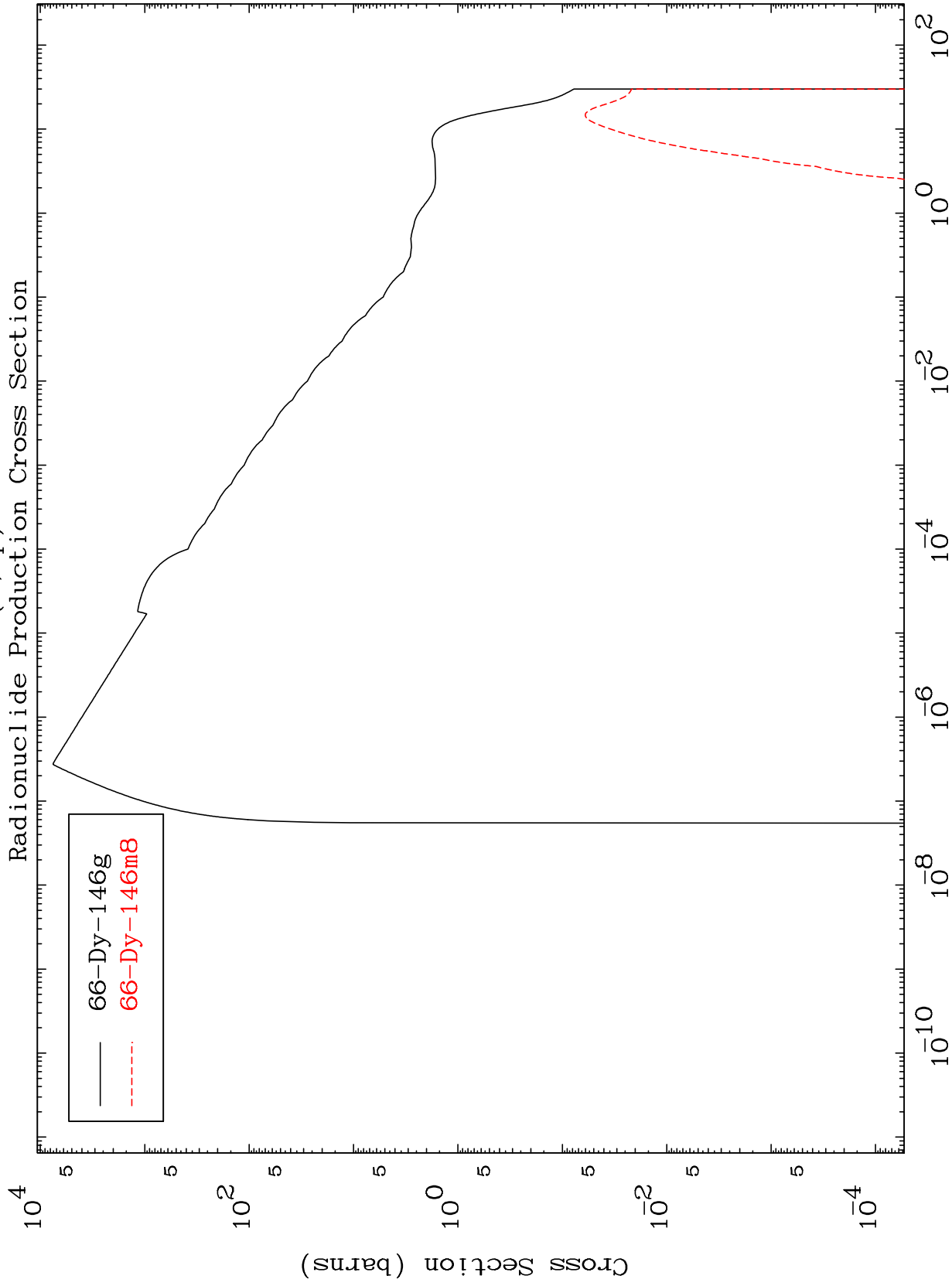
66-Dy-145g
66-Dy-145m2

38

68-Er-147

MAT 6780

68-Er-147



39

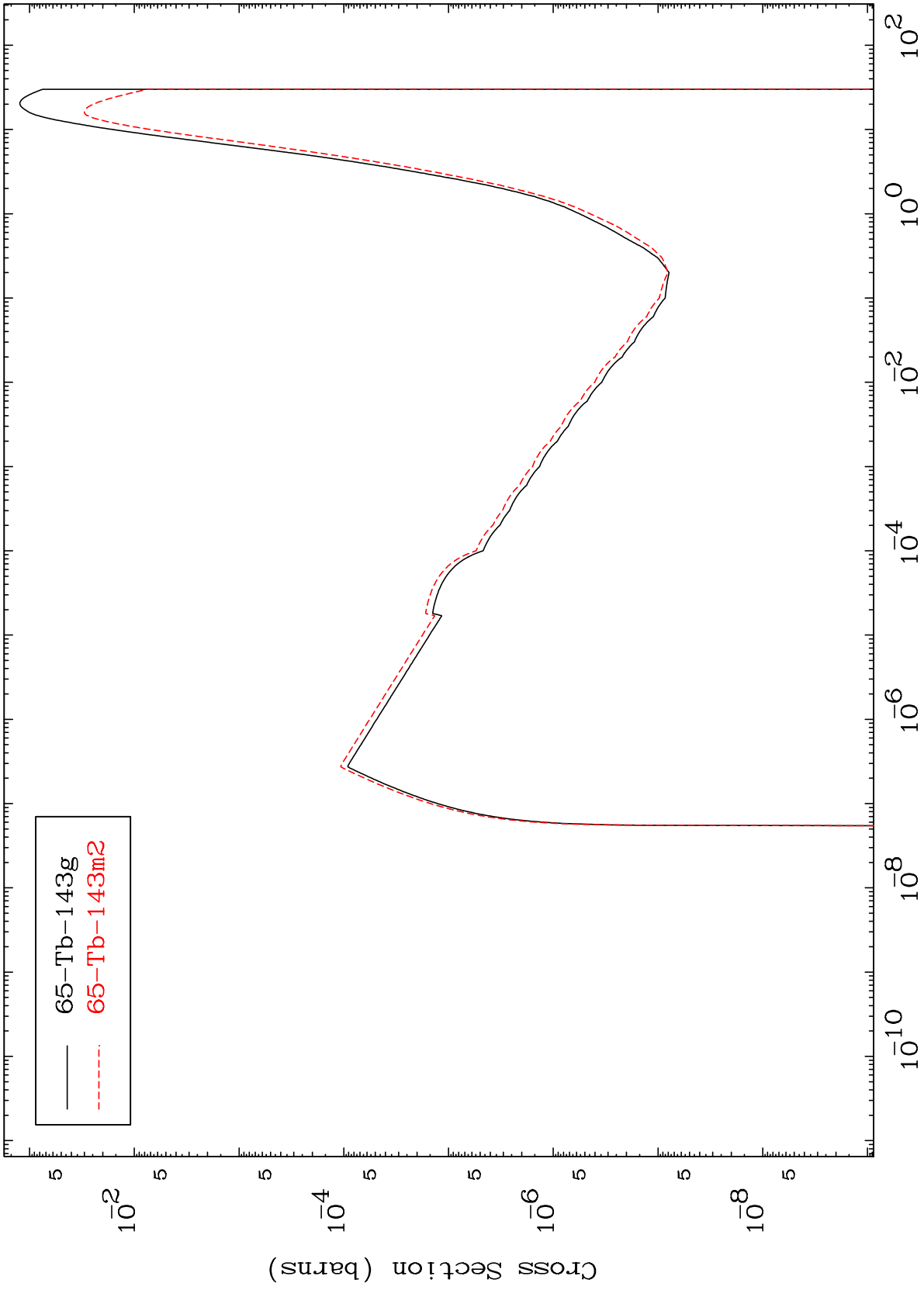
68-Er-147

MAT 6780

(n,p) α

68-Er-147

Radionuclide Production Cross Section



65-Tb-143g
65-Tb-143m2

40

Incident Energy (MeV)

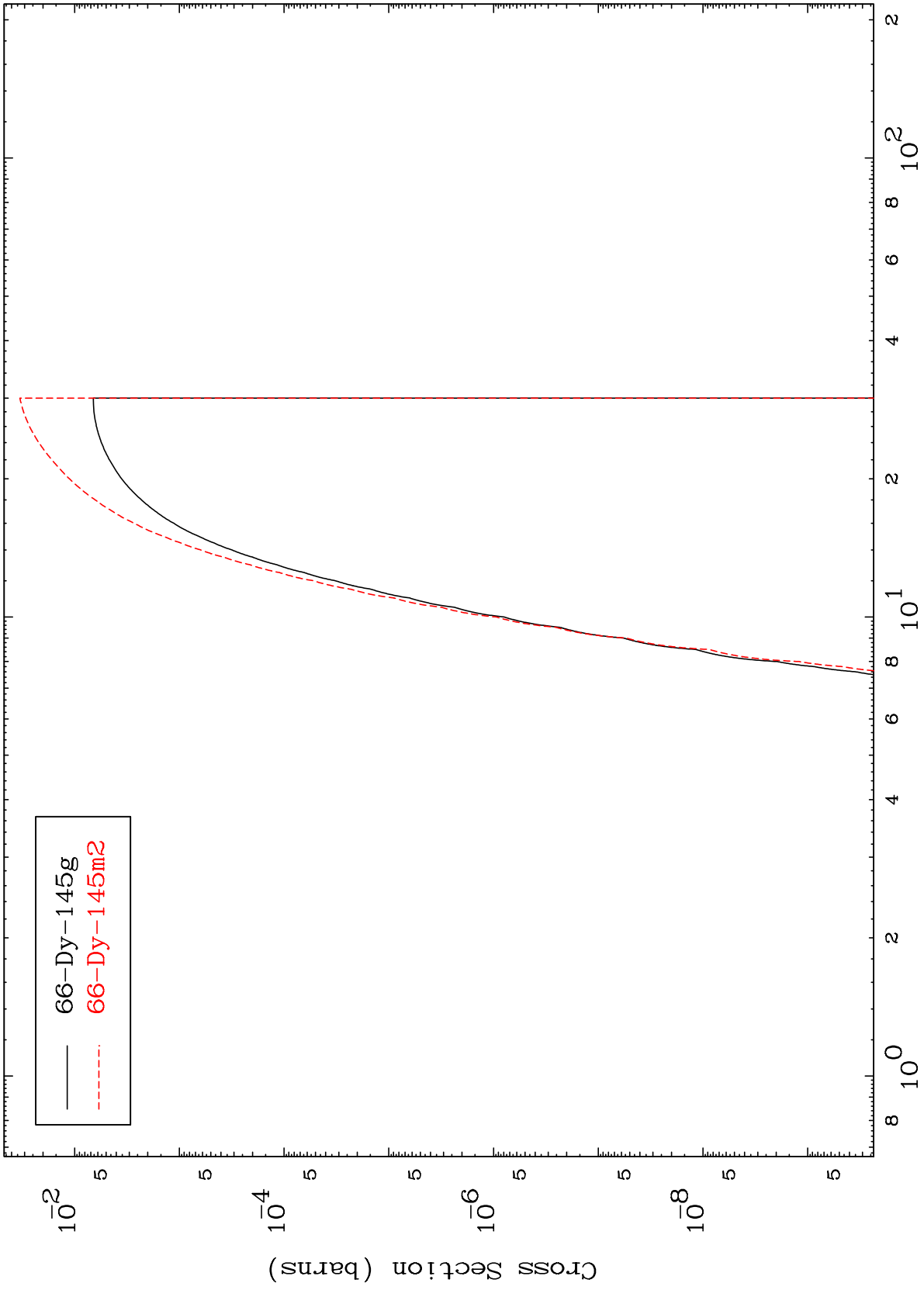
68-Er-147

MAT 6780

(n,p) d

68-Er-147

Radionuclide Production Cross Section



41

Incident Energy (MeV)

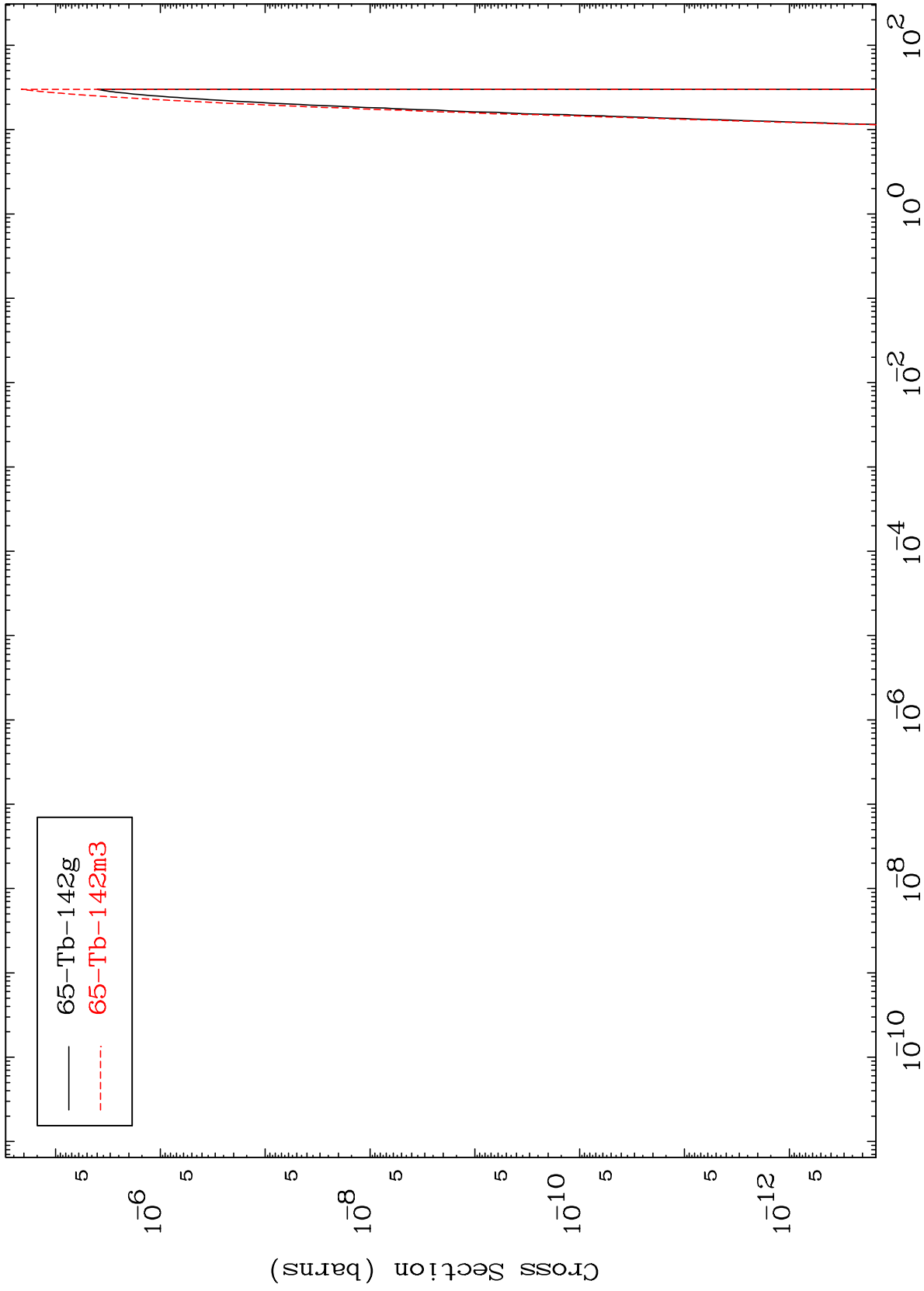
68-Er-147

MAT 6780

(n,d) α

68-Er-147

Radionuclide Production Cross Section



42

Incident Energy (MeV)

68-Er-147