

Program EVALPLOT  
(Version 2018-1)

by

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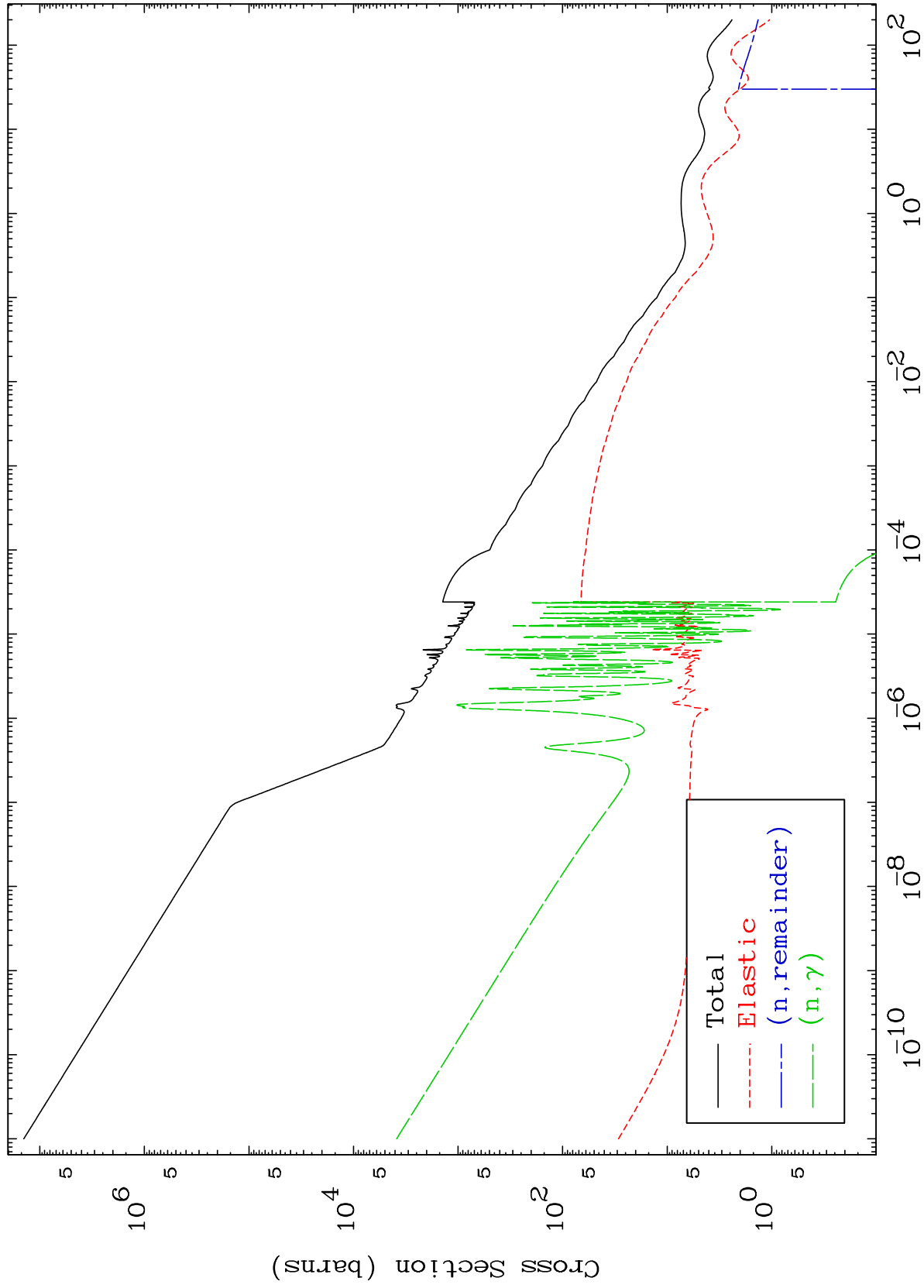
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6871

Major  
293 Kelvin Cross Sections

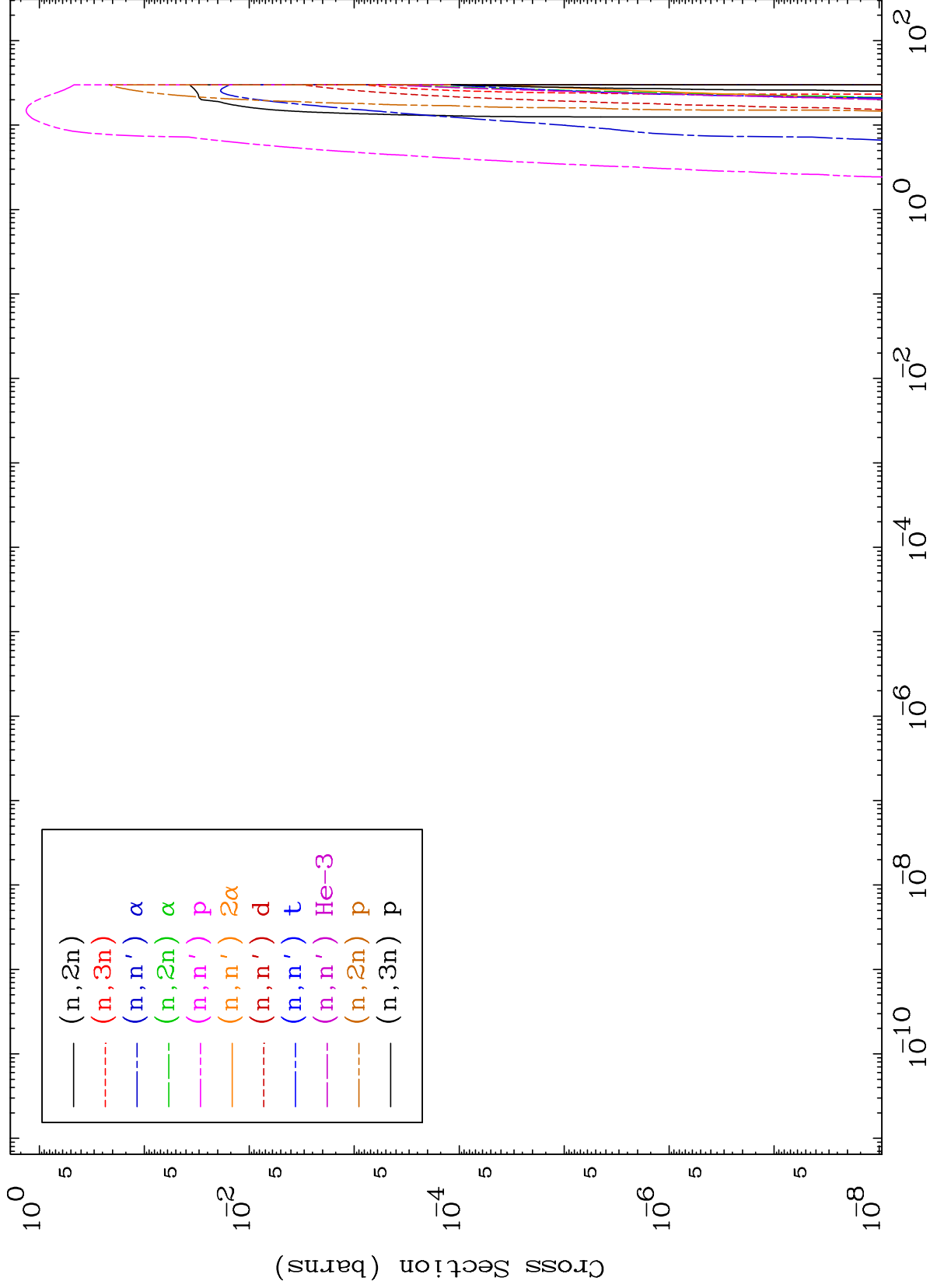
69-Tm-151



MAT 6871

Neutron Production  
293 Kelvin Cross Sections

69-Tm-151



2

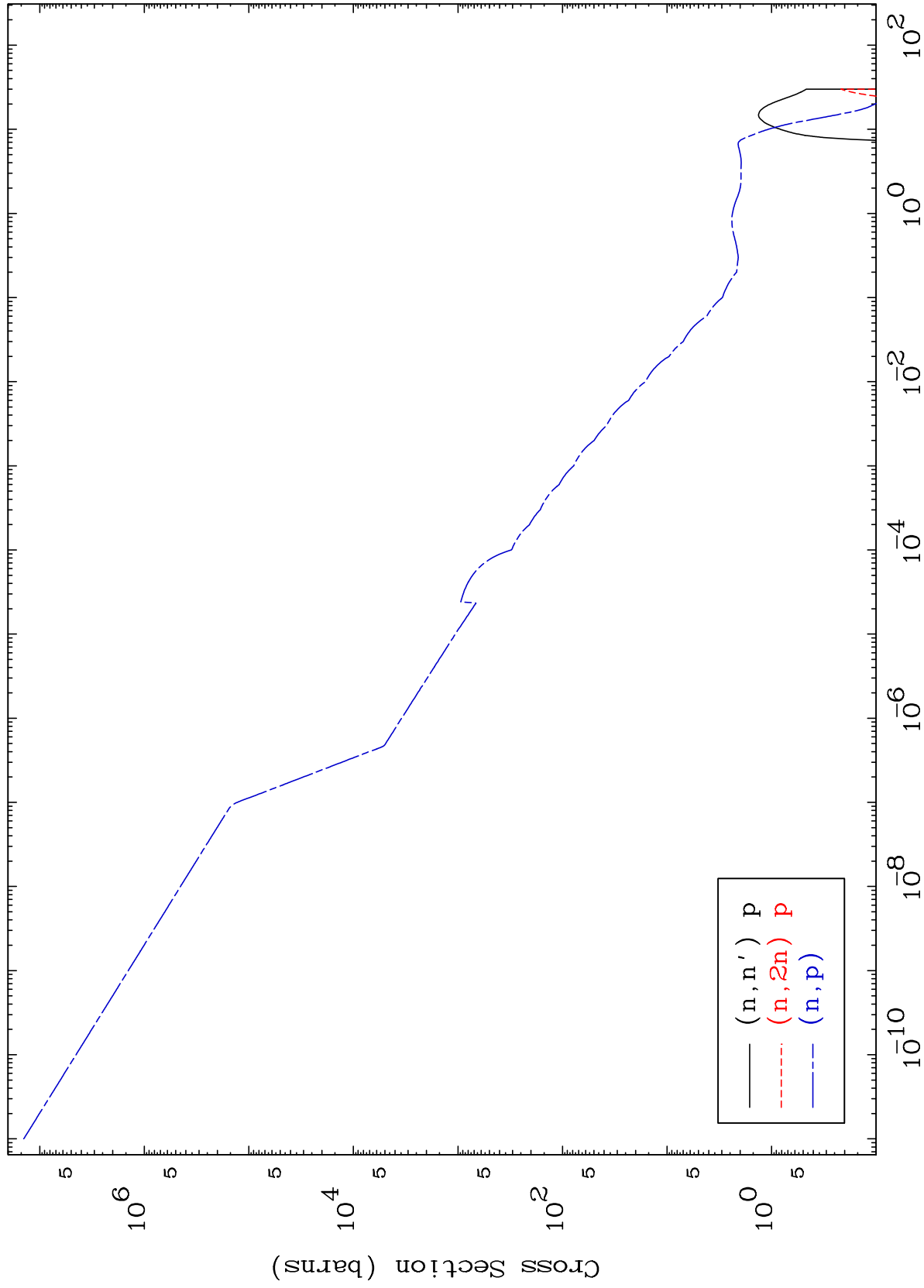
Incident Energy (MeV)

69-Tm-151

MAT 6871

Charged Particle  
293 Kelvin Cross Sections

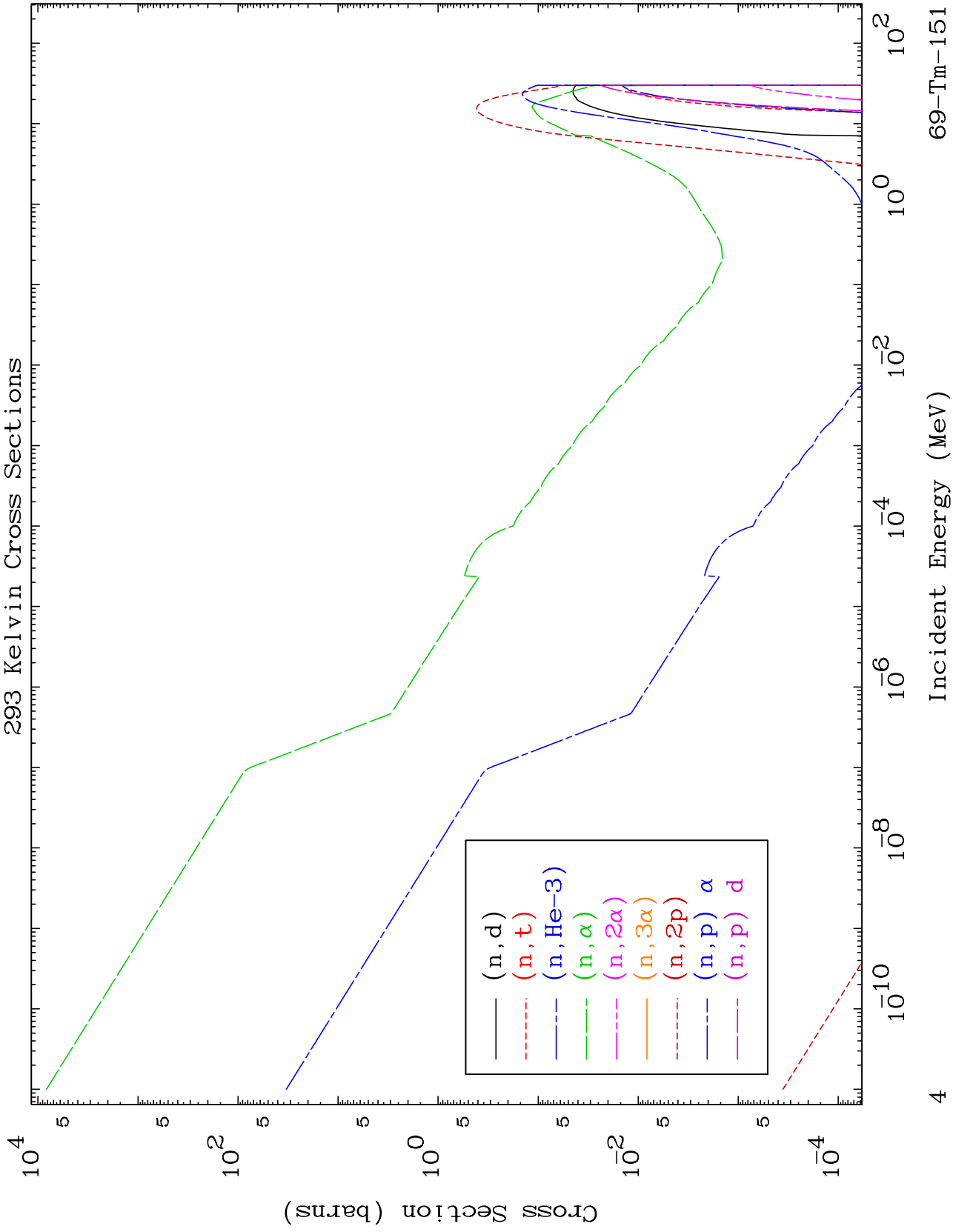
69-Tm-151



MAT 6871

Charged Particle  
293 Kelvin Cross Sections

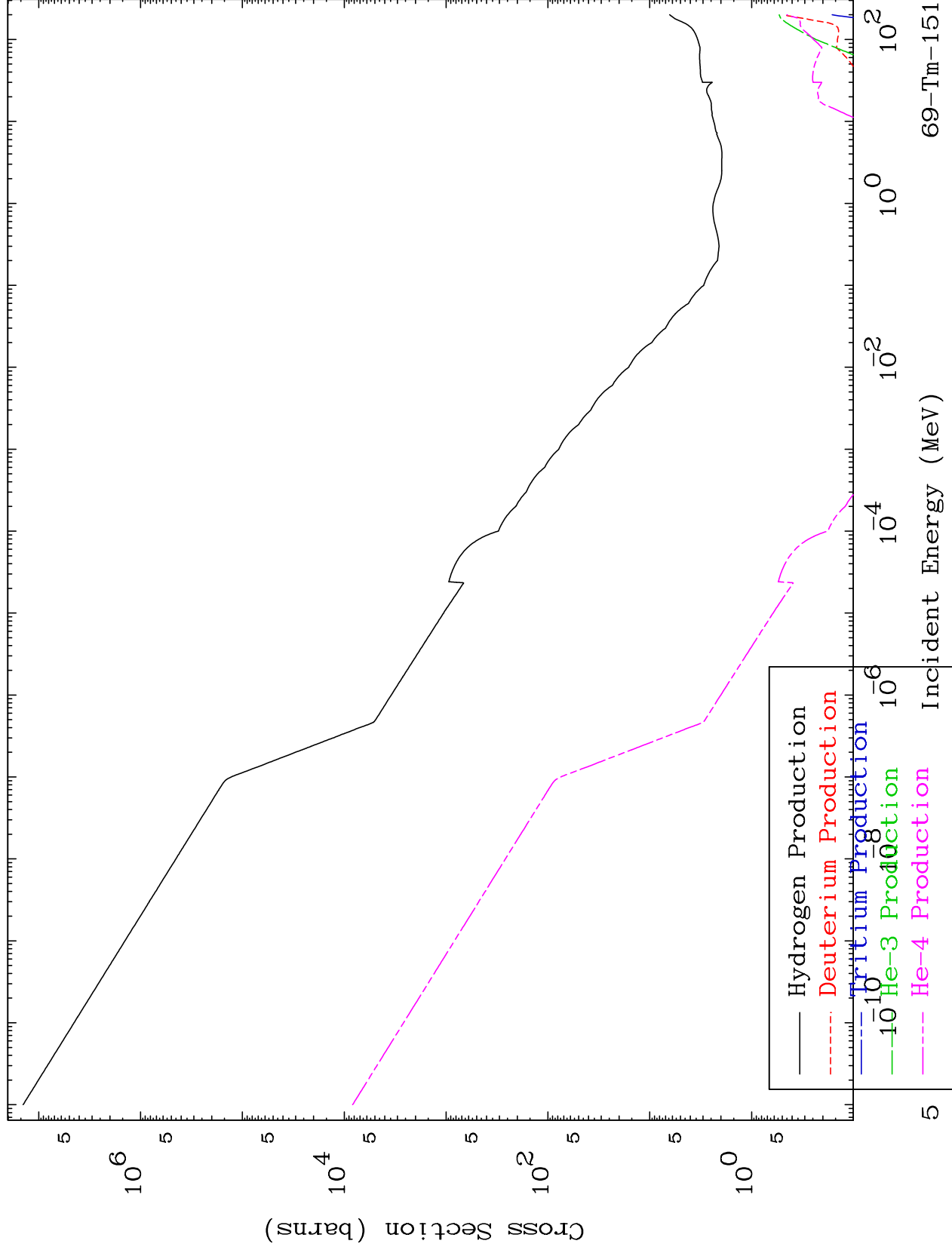
69-Tm-151



MAT 6871

Particle Production  
293 Kelvin Cross Sections

69-Tm-151



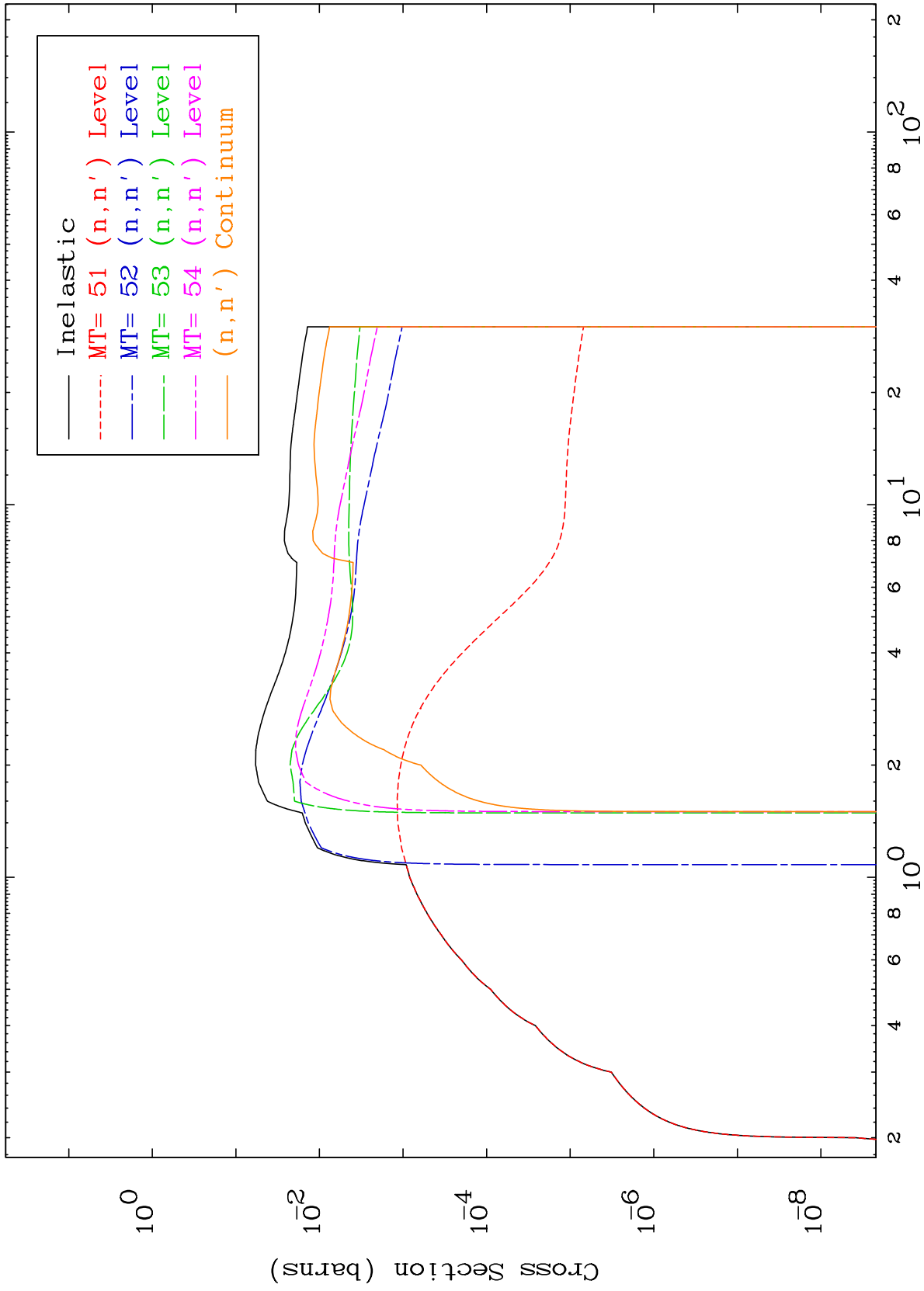
69-Tm-151

MAT 6871

(n,n') Level

69-Tm-151

293 Kelvin Cross Sections



6

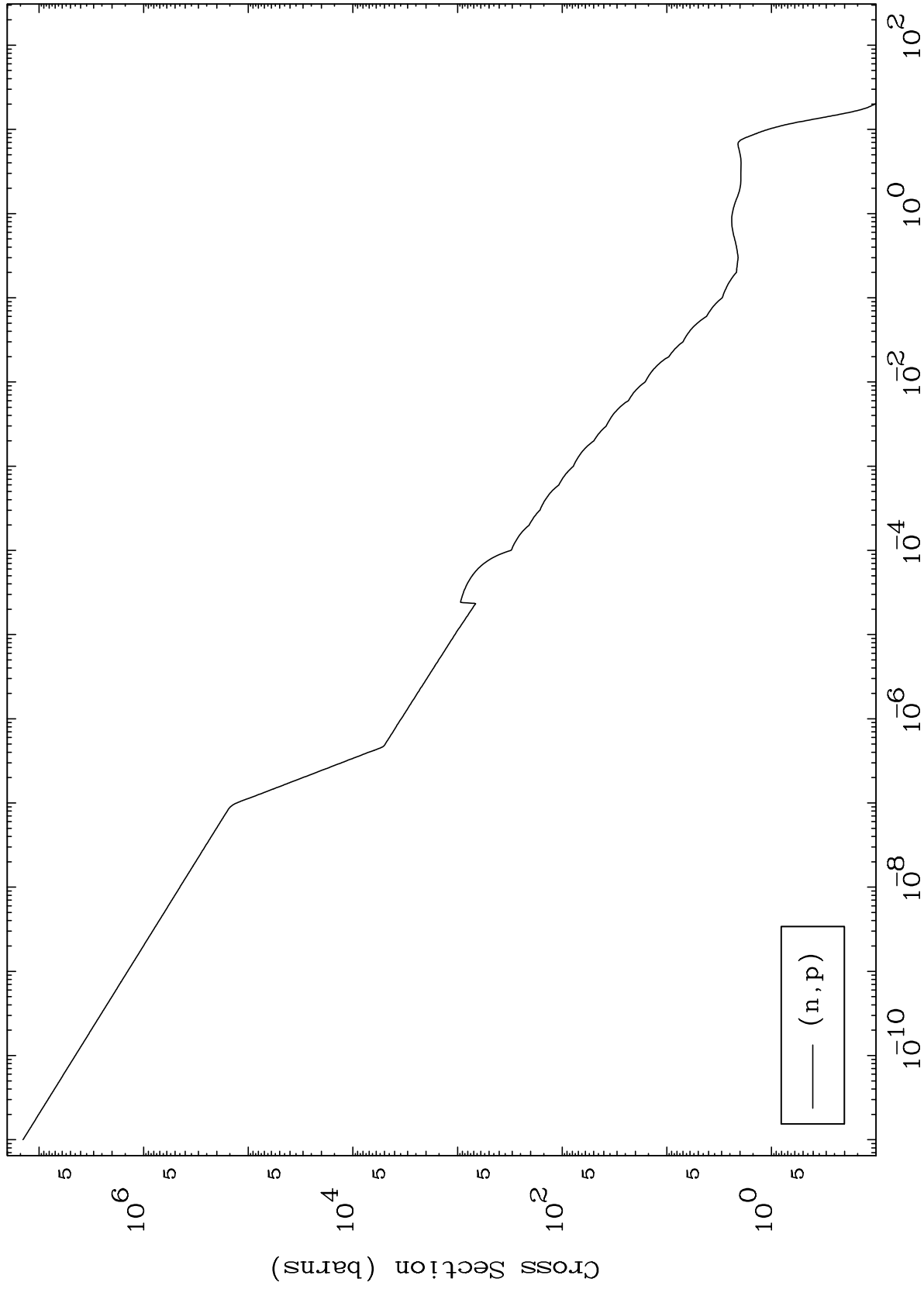
Incident Energy (MeV)

69-Tm-151

MAT 6871

(n,p) Levels  
293 Kelvin Cross Sections

69-Tm-151



7

Incident Energy (MeV)

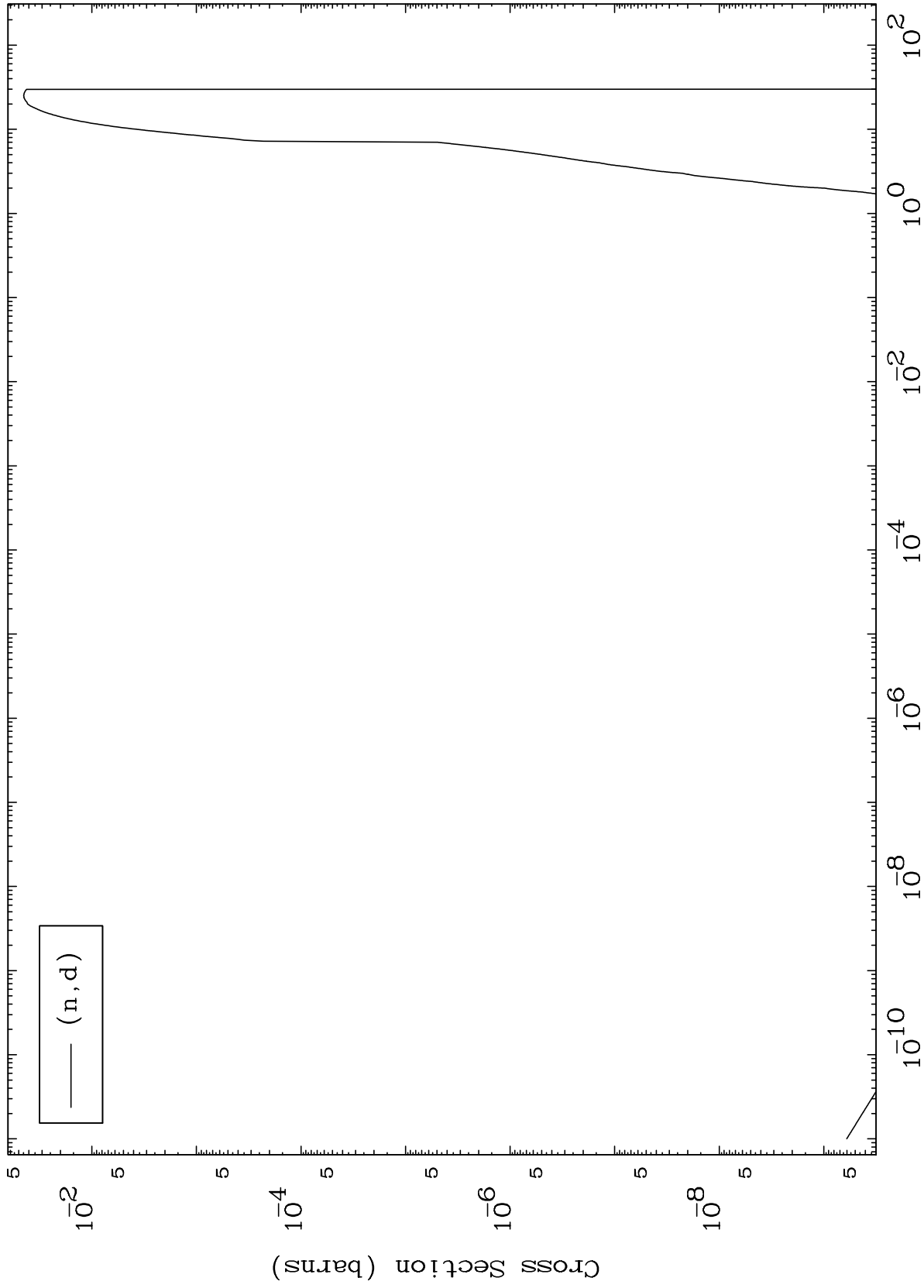
69-Tm-151



MAT 6871

(n,d) Levels  
293 Kelvin Cross Sections

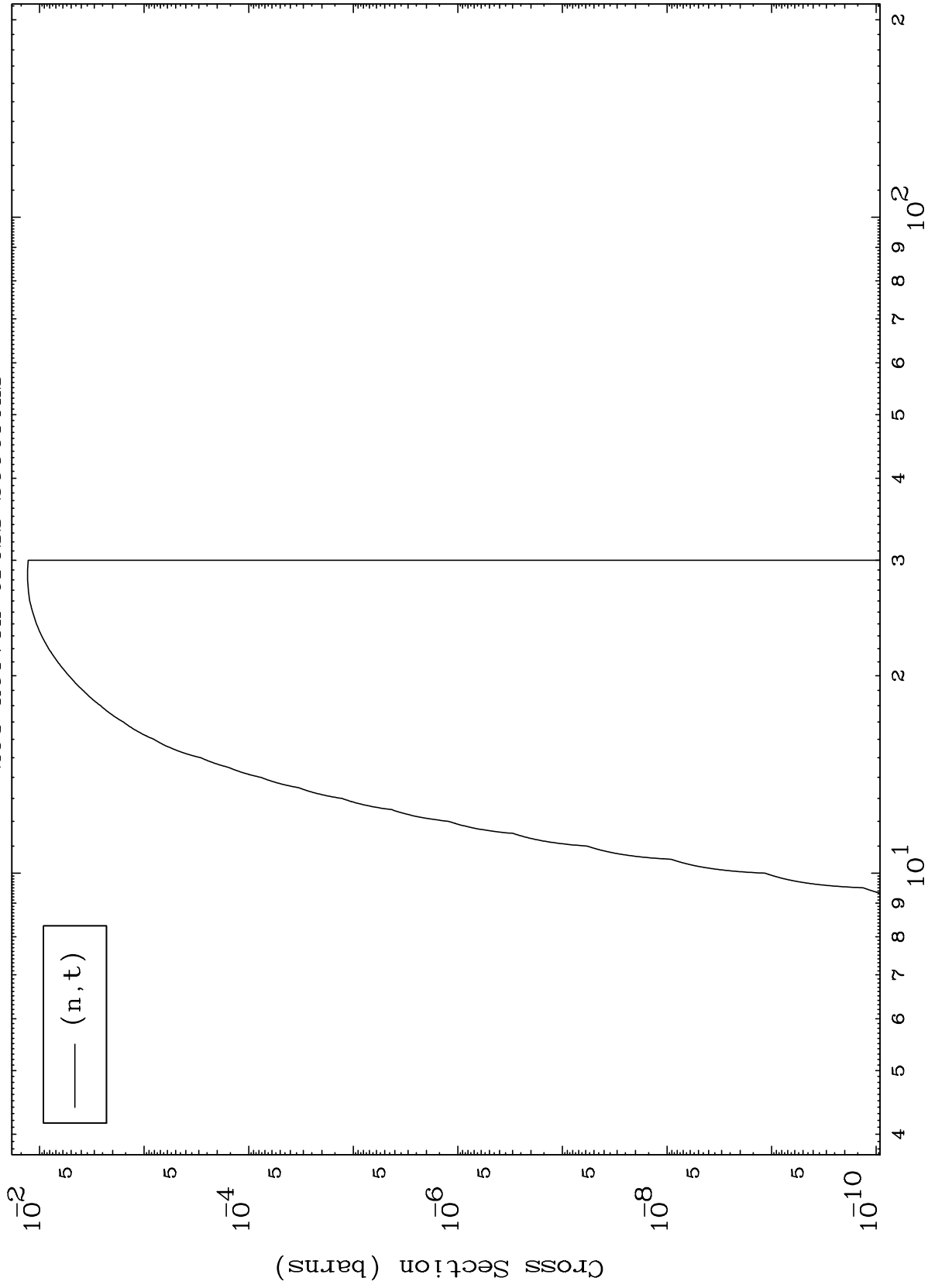
69-Tm-151



MAT 6871

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-151



9

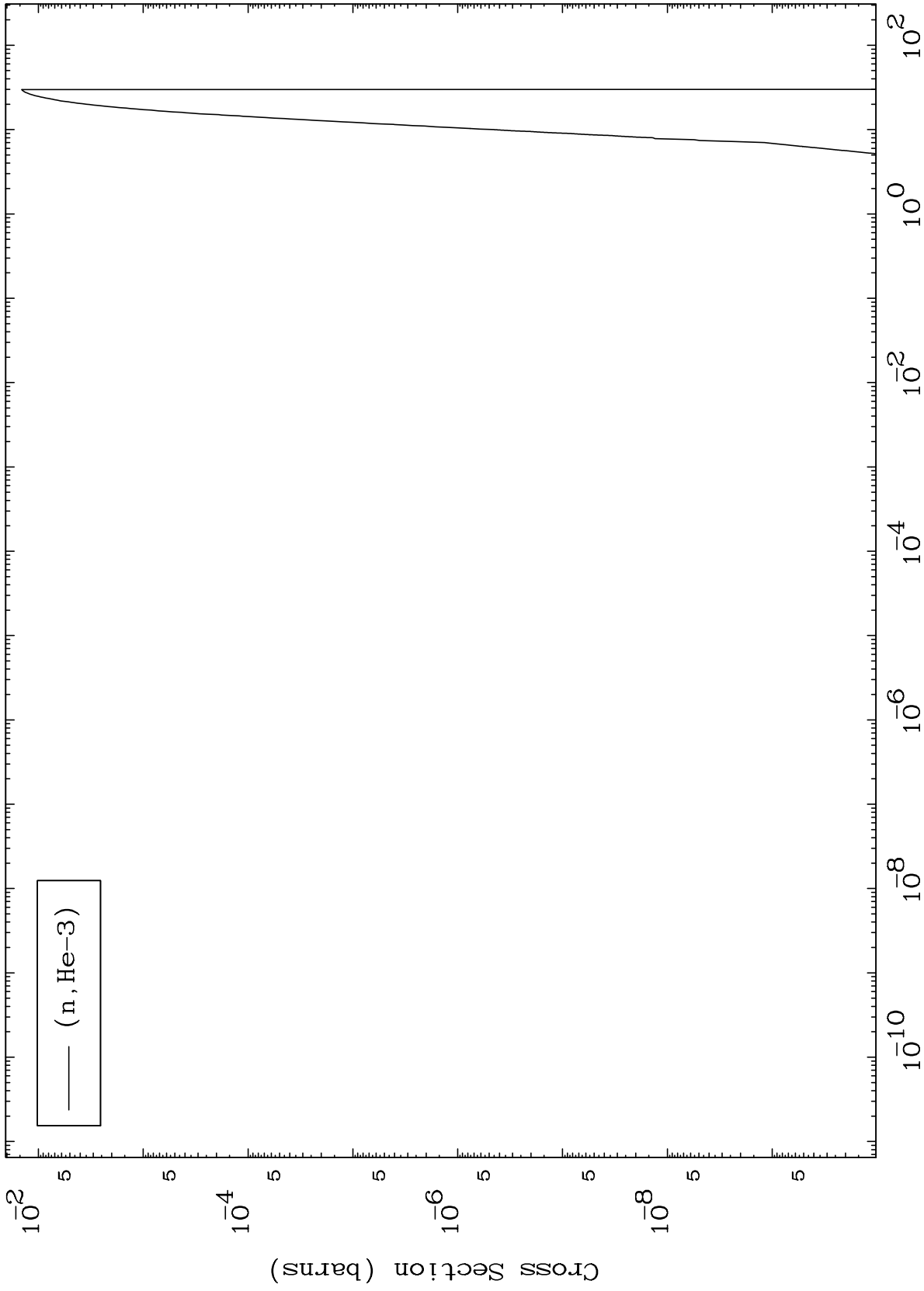
Incident Energy (MeV)

69-Tm-151

MAT 6871

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-151



(n, He-3)

10

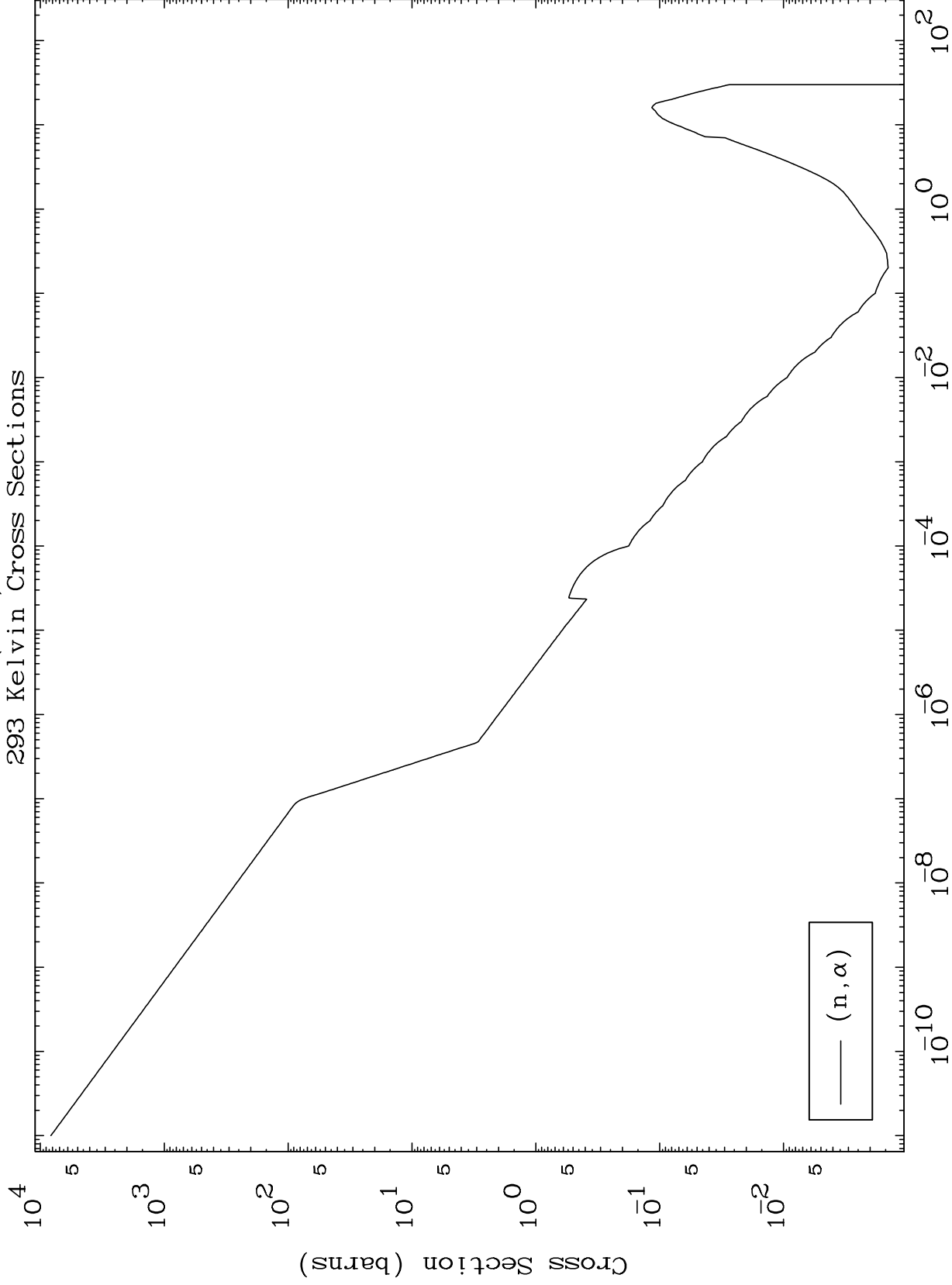
Incident Energy (MeV)

69-Tm-151

MAT 6871

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

69-Tm-151



11

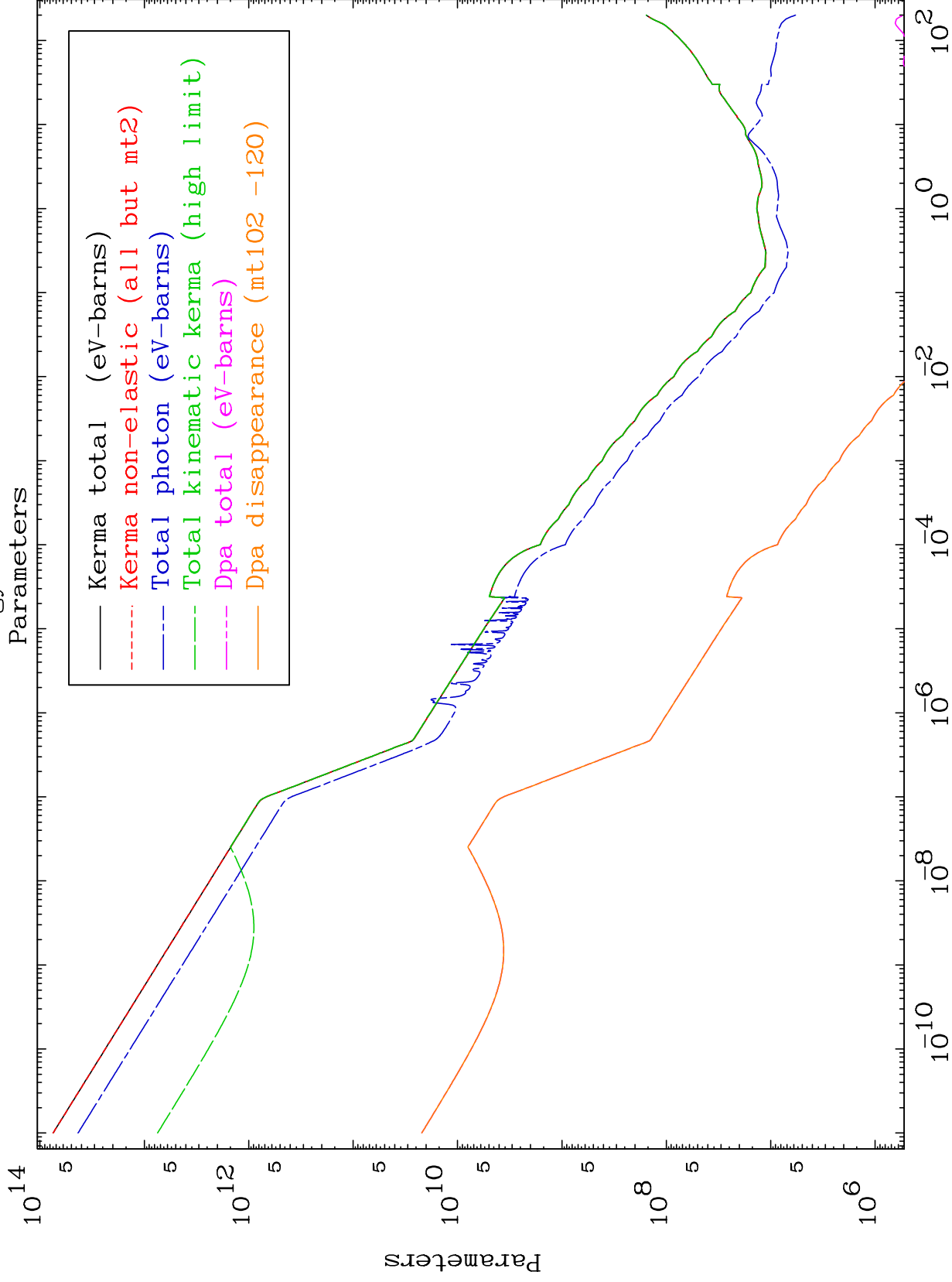
Incident Energy (MeV)

69-Tm-151

MAT 6871

Energy Release  
Parameters

69-Tm-151



12

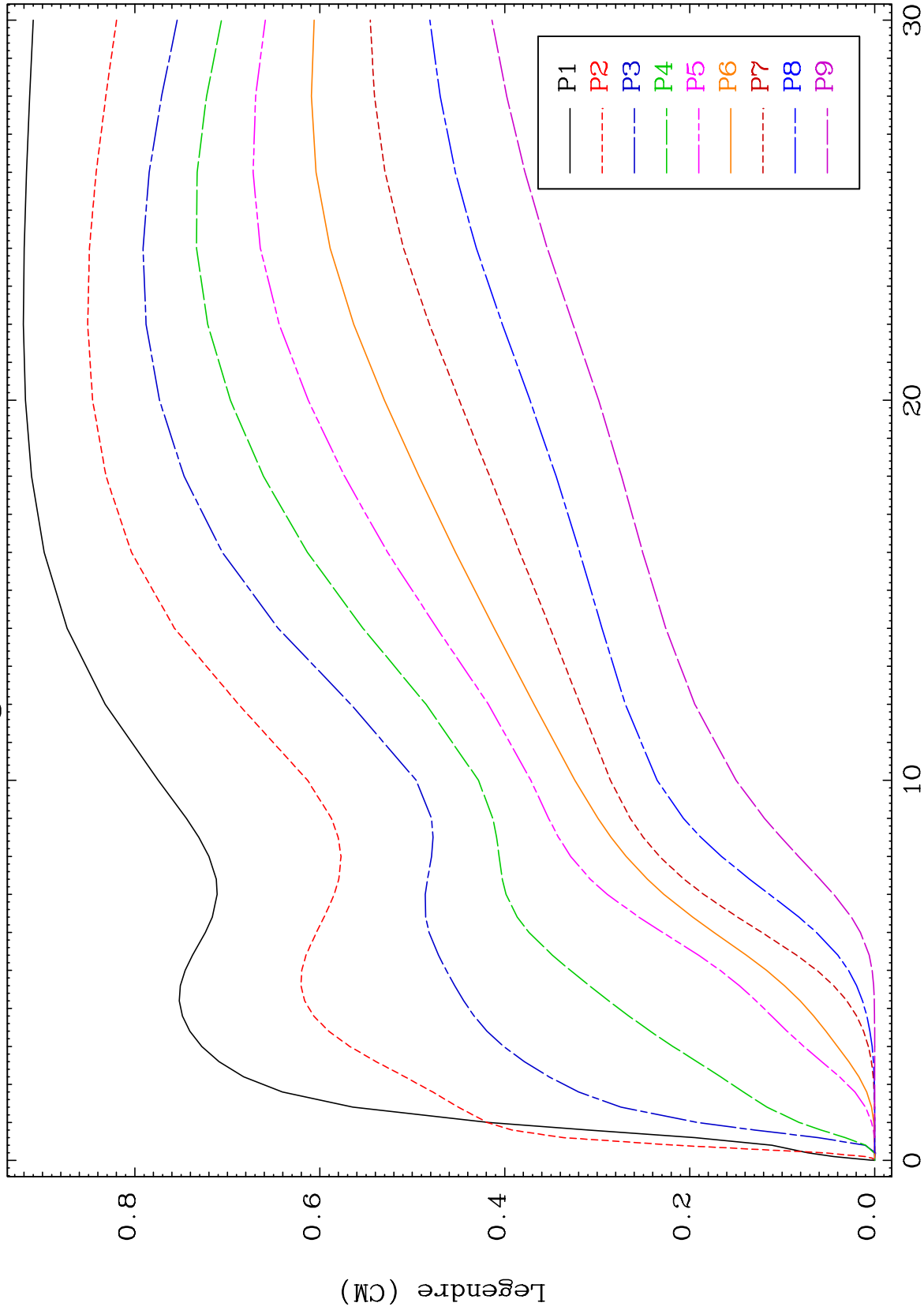
Incident Energy (MeV)

69-Tm-151

MAT 6871

Elastic Legendre Coefficients

69-Tm-151



13

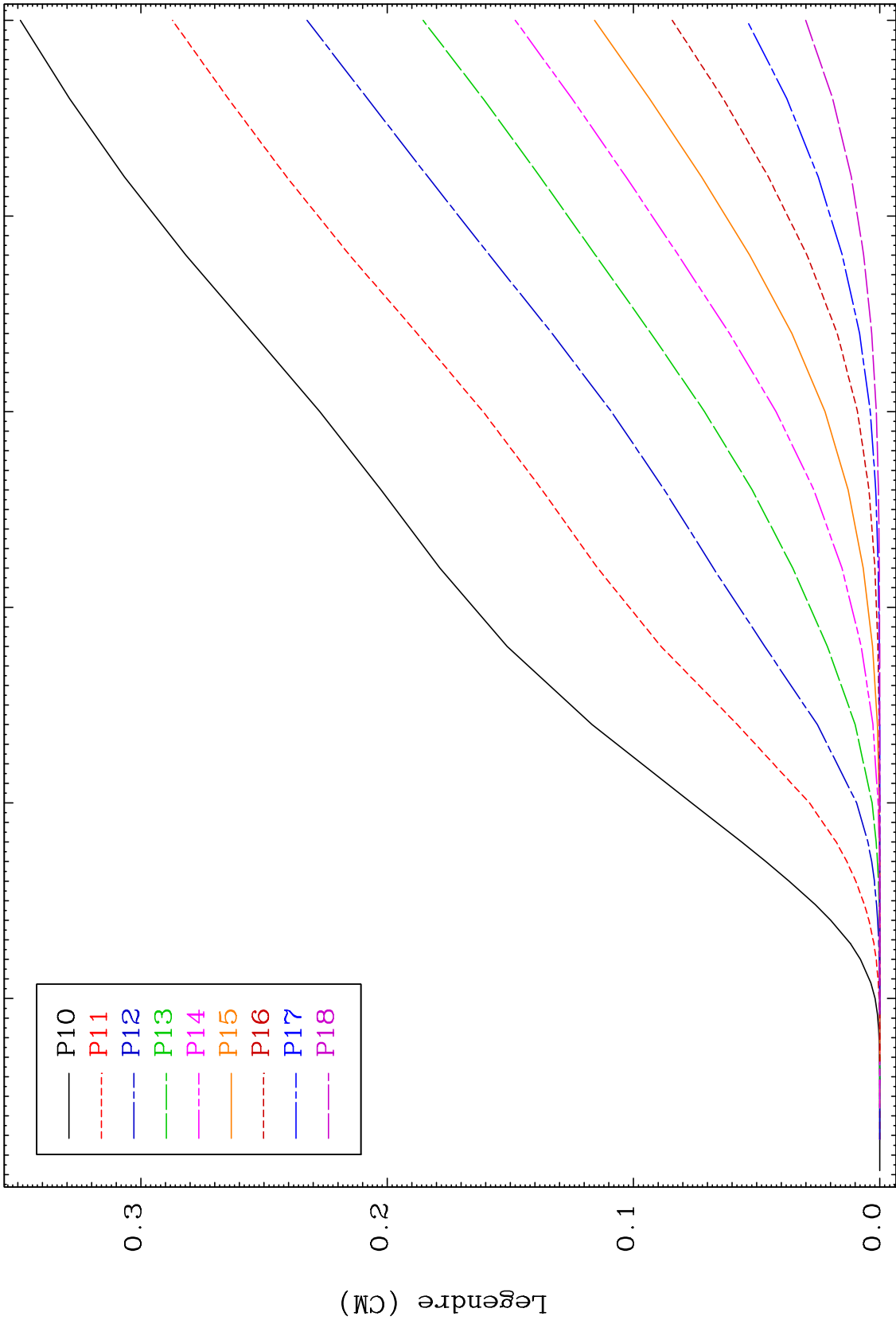
Incident Energy (MeV)

69-Tm-151

MAT 6871

Elastic Legendre Coefficients

69-Tm-151



14

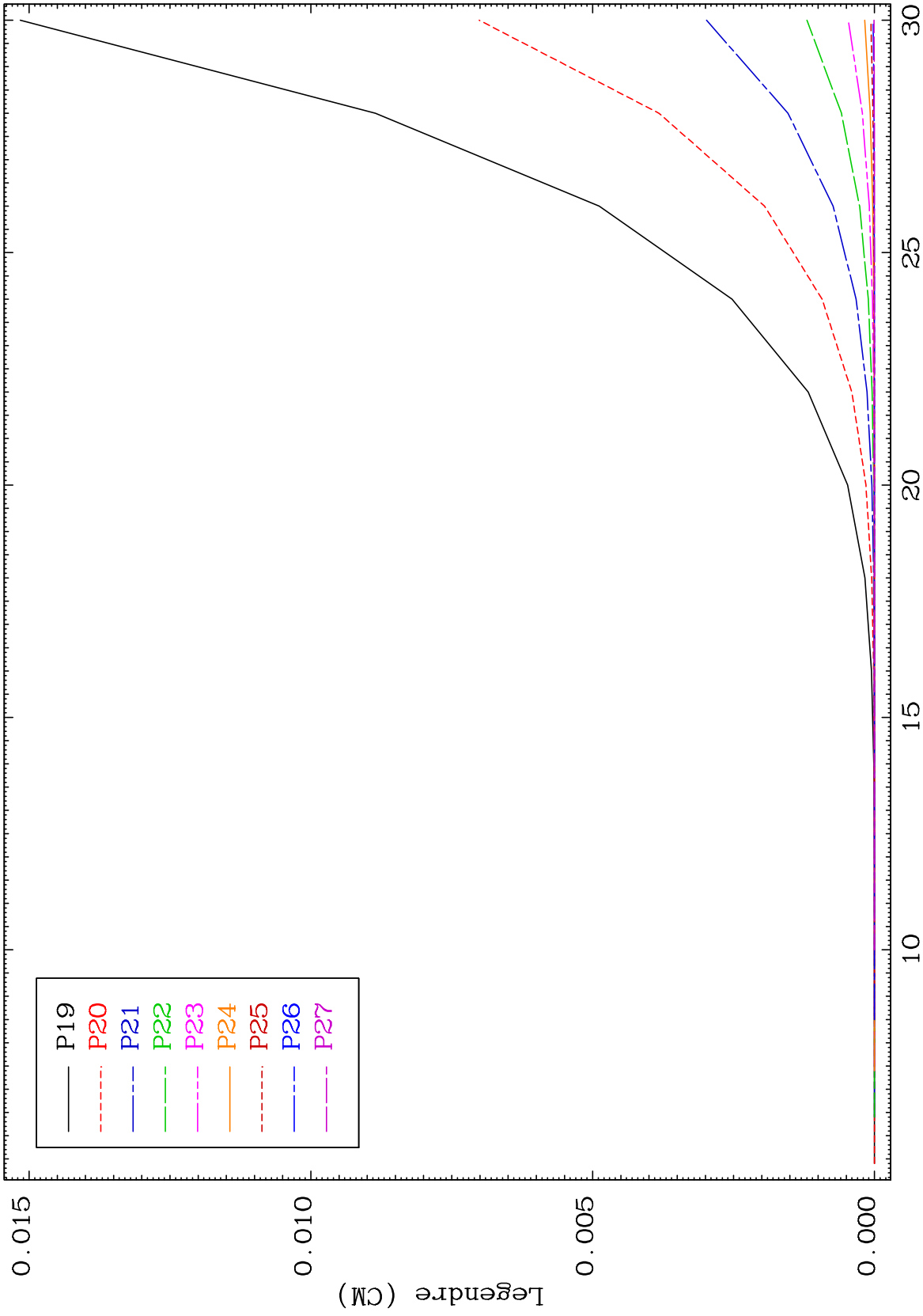
Incident Energy (MeV)

69-Tm-151

MAT 6871

Elastic  
Legendre Coefficients

69-Tm-151



15

Incident Energy (MeV)

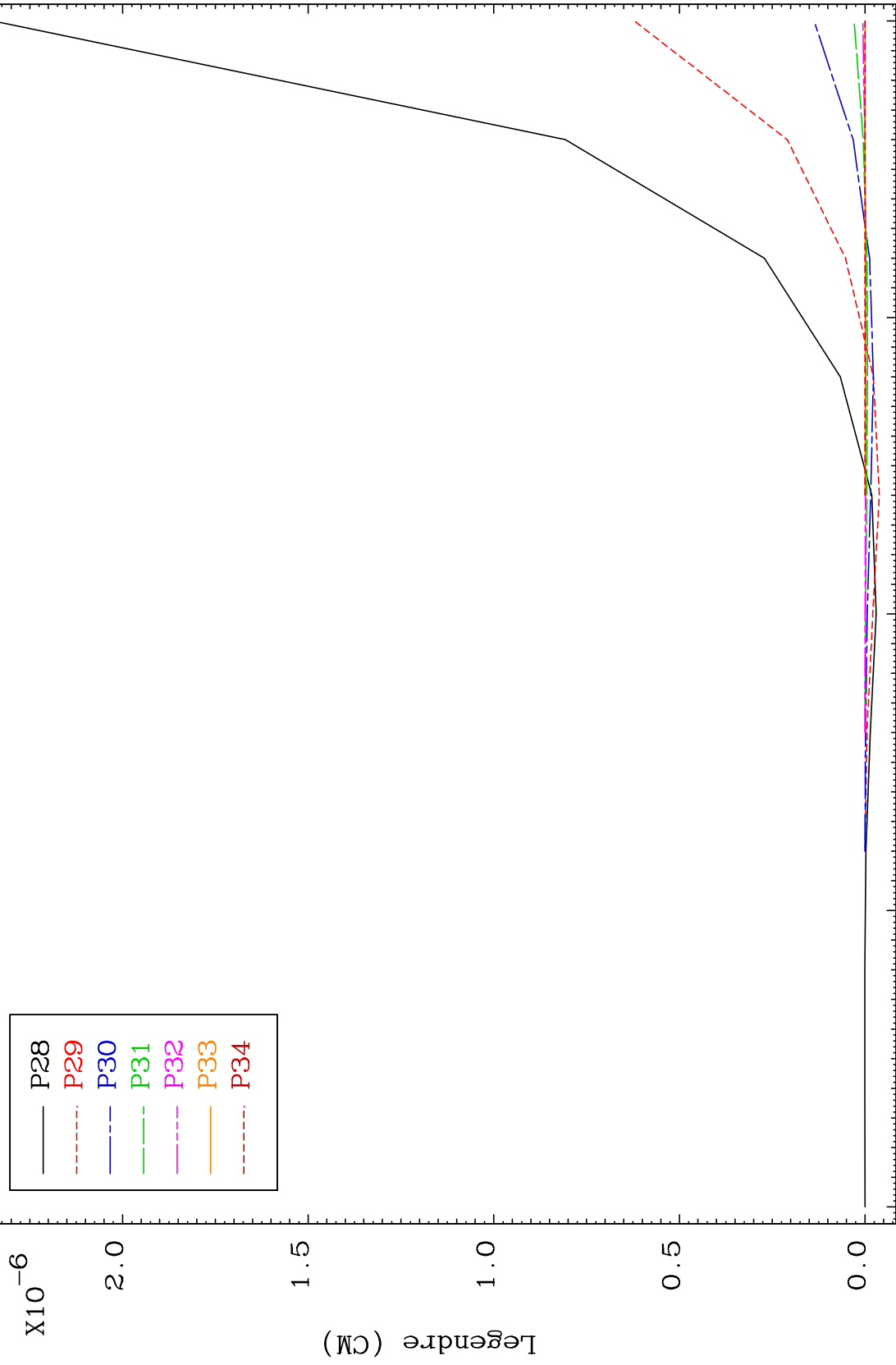
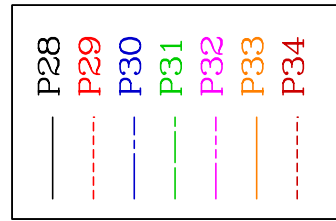
69-Tm-151



MAT 6871

Elastic Legendre Coefficients

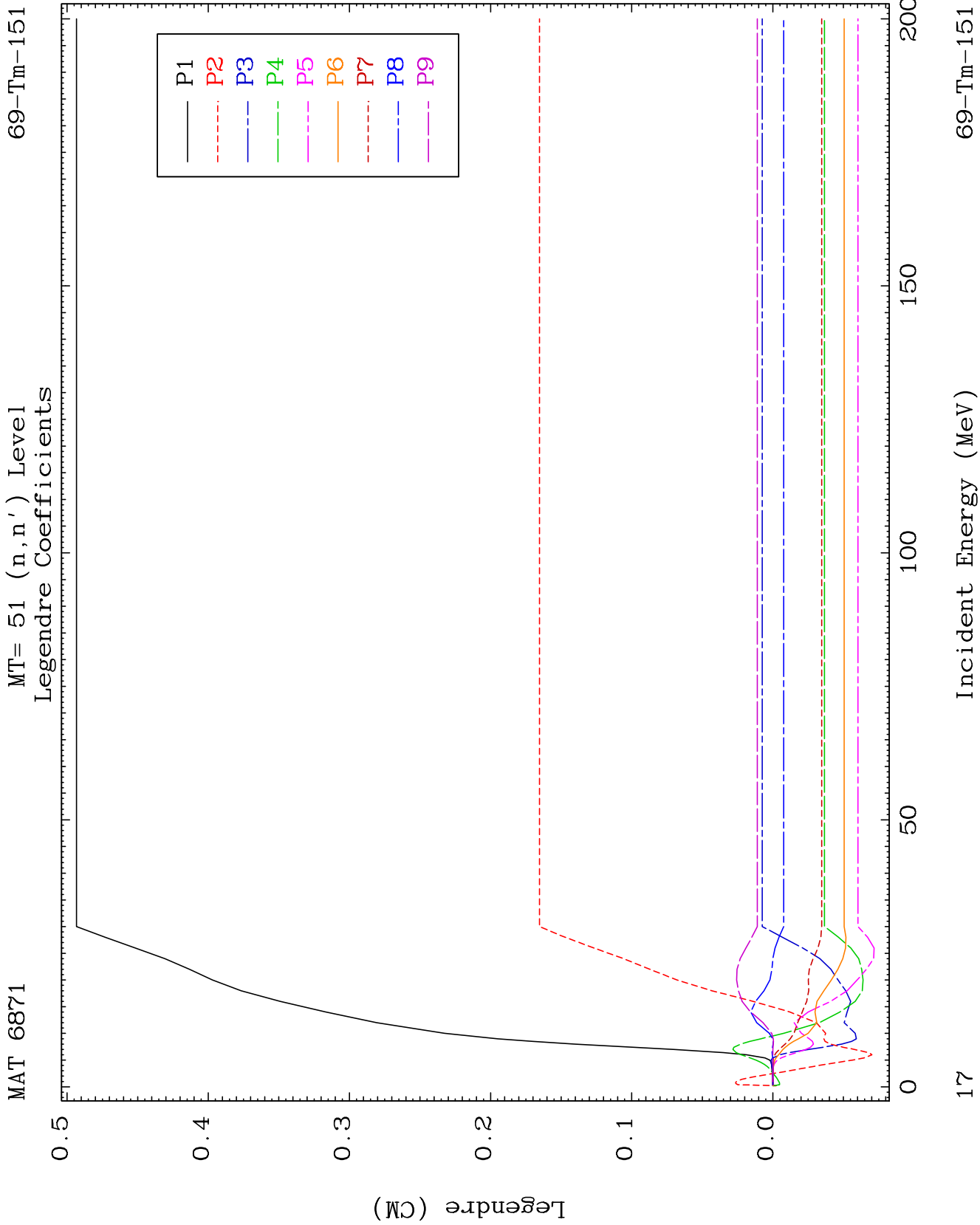
69-Tm-151

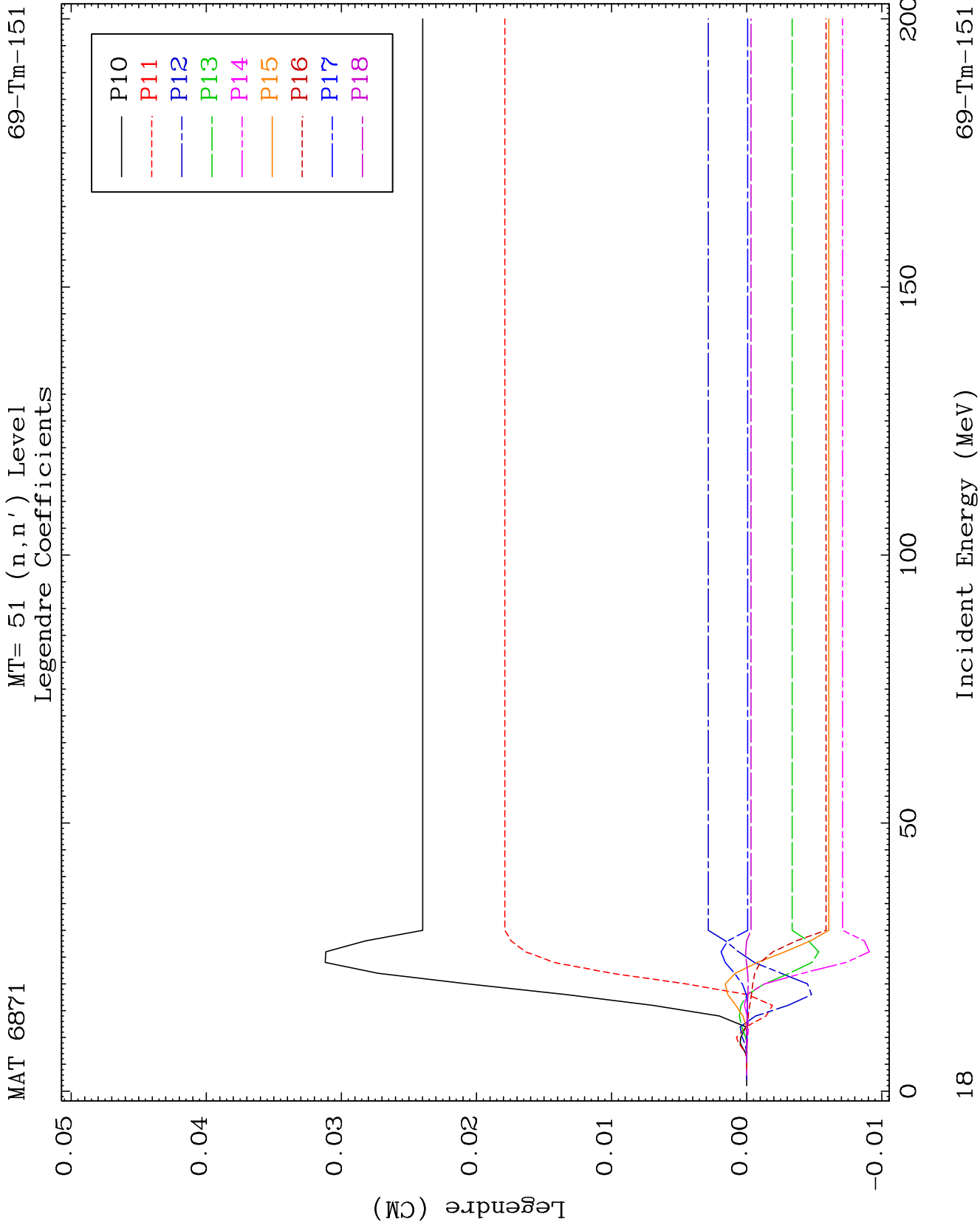


69-Tm-151

Incident Energy (MeV)

16

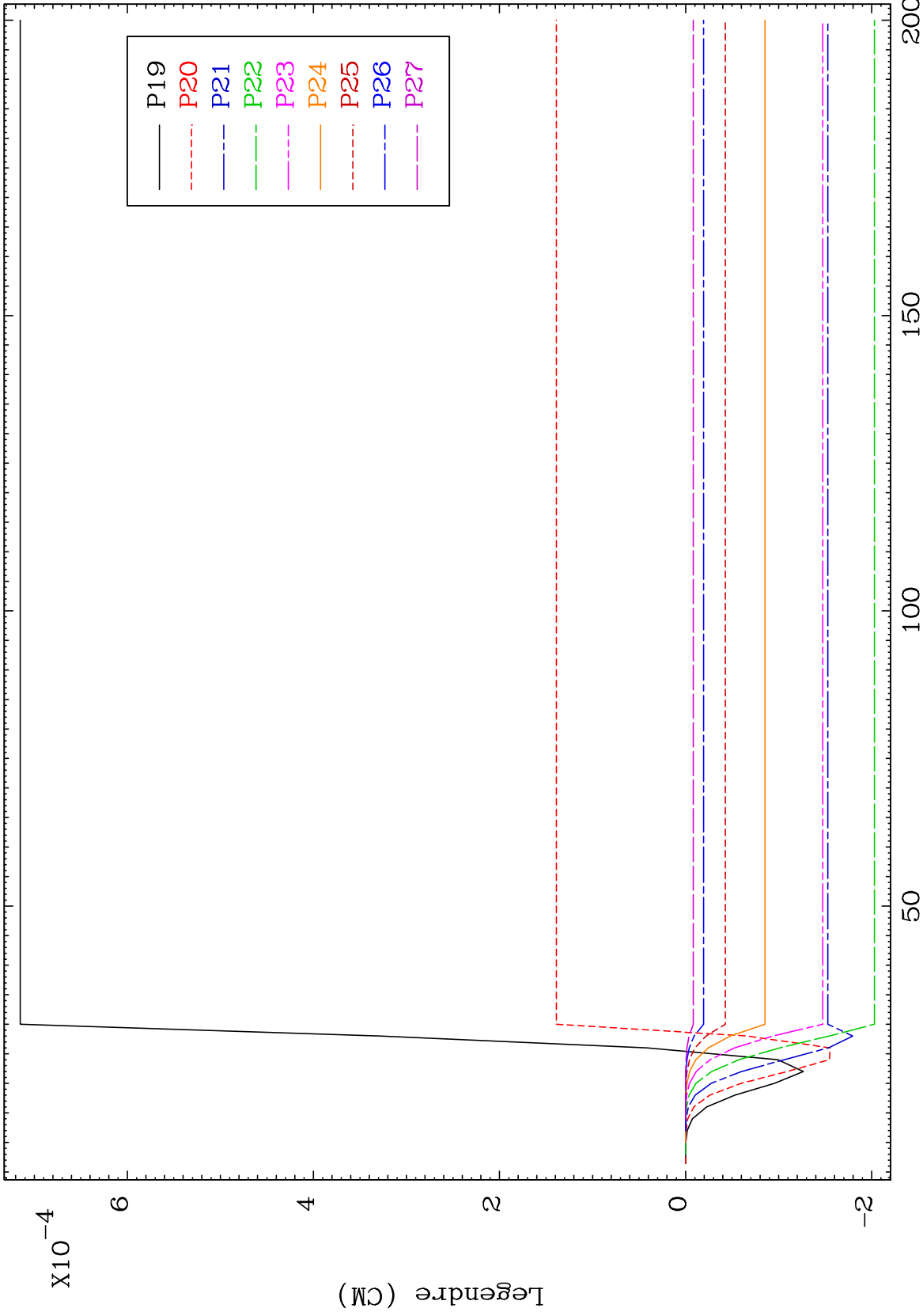




MAT 6871

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

69-Tm-151



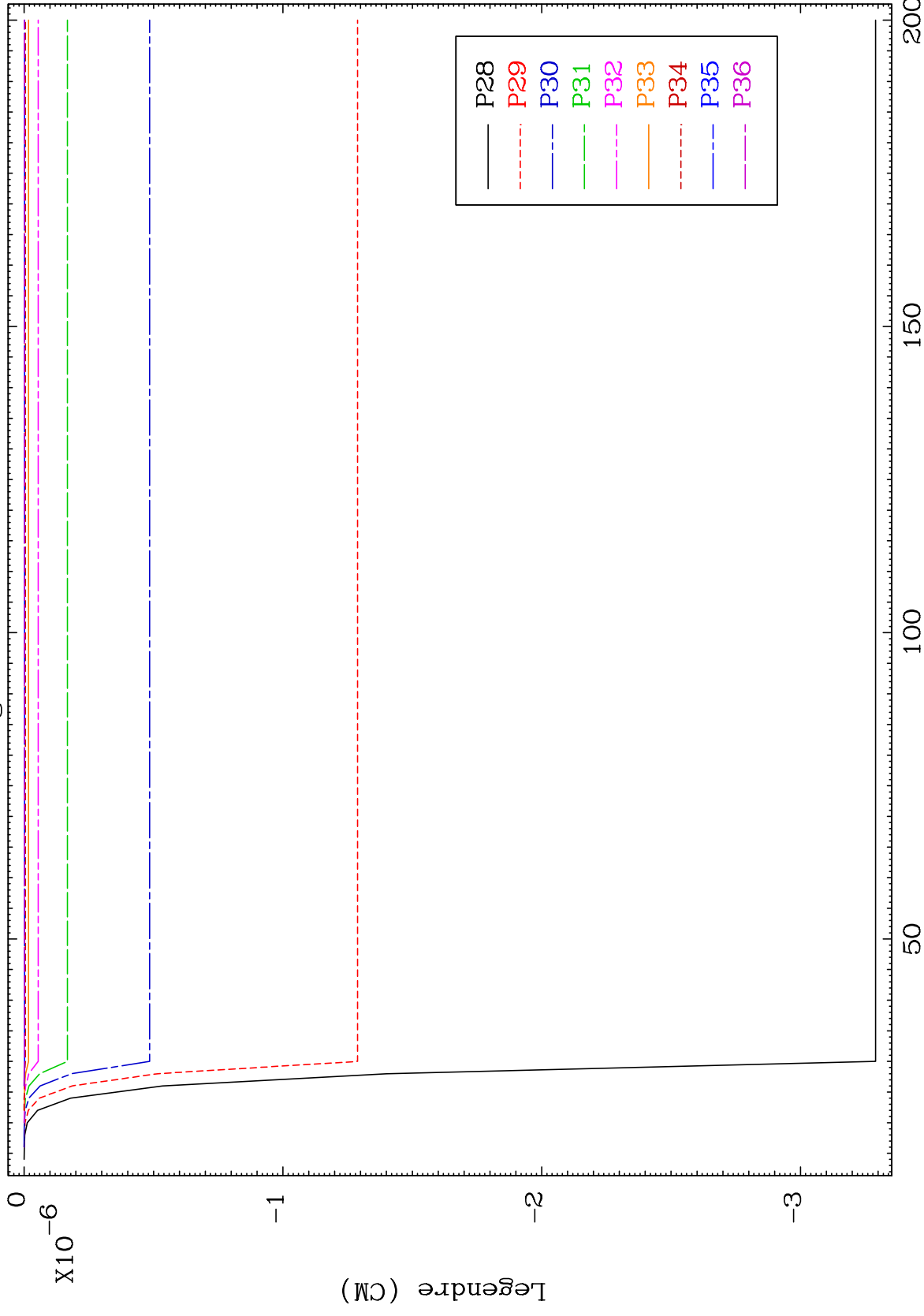
19

69-Tm-151

MAT 6871

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

69-Tm-151



69-Tm-151

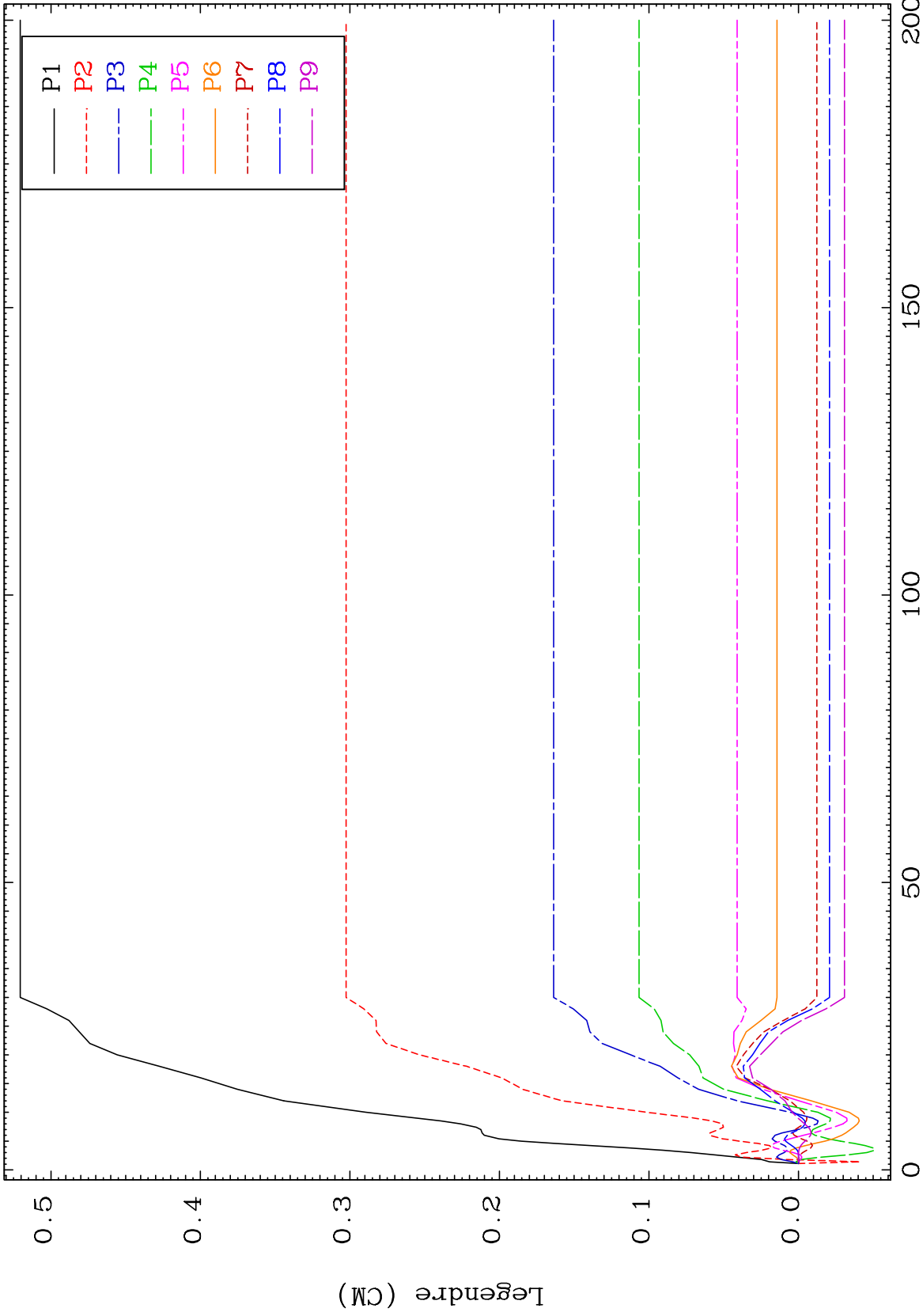
Incident Energy (MeV)

20

MAT 6871

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

69-Tm-151



21

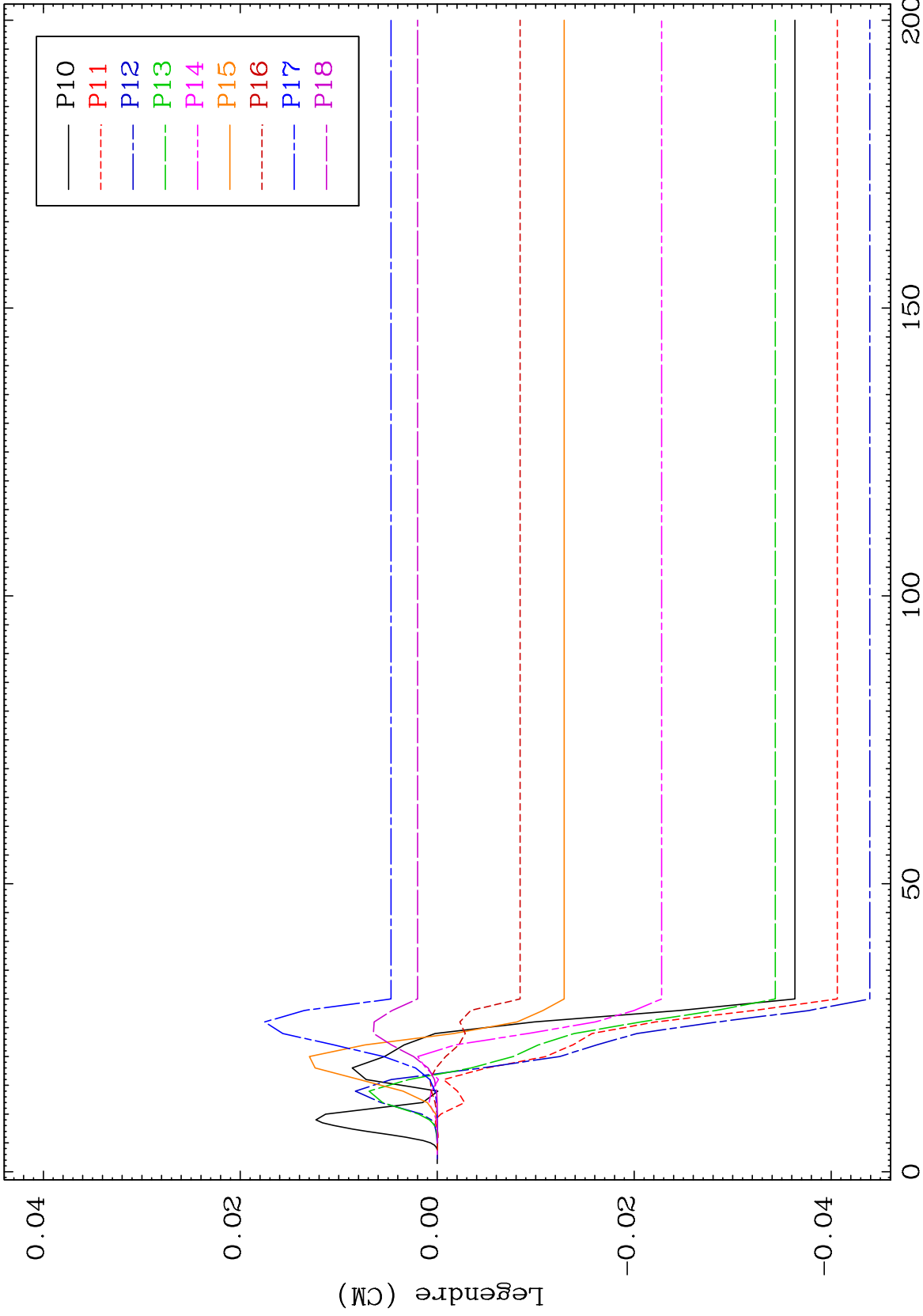
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



22

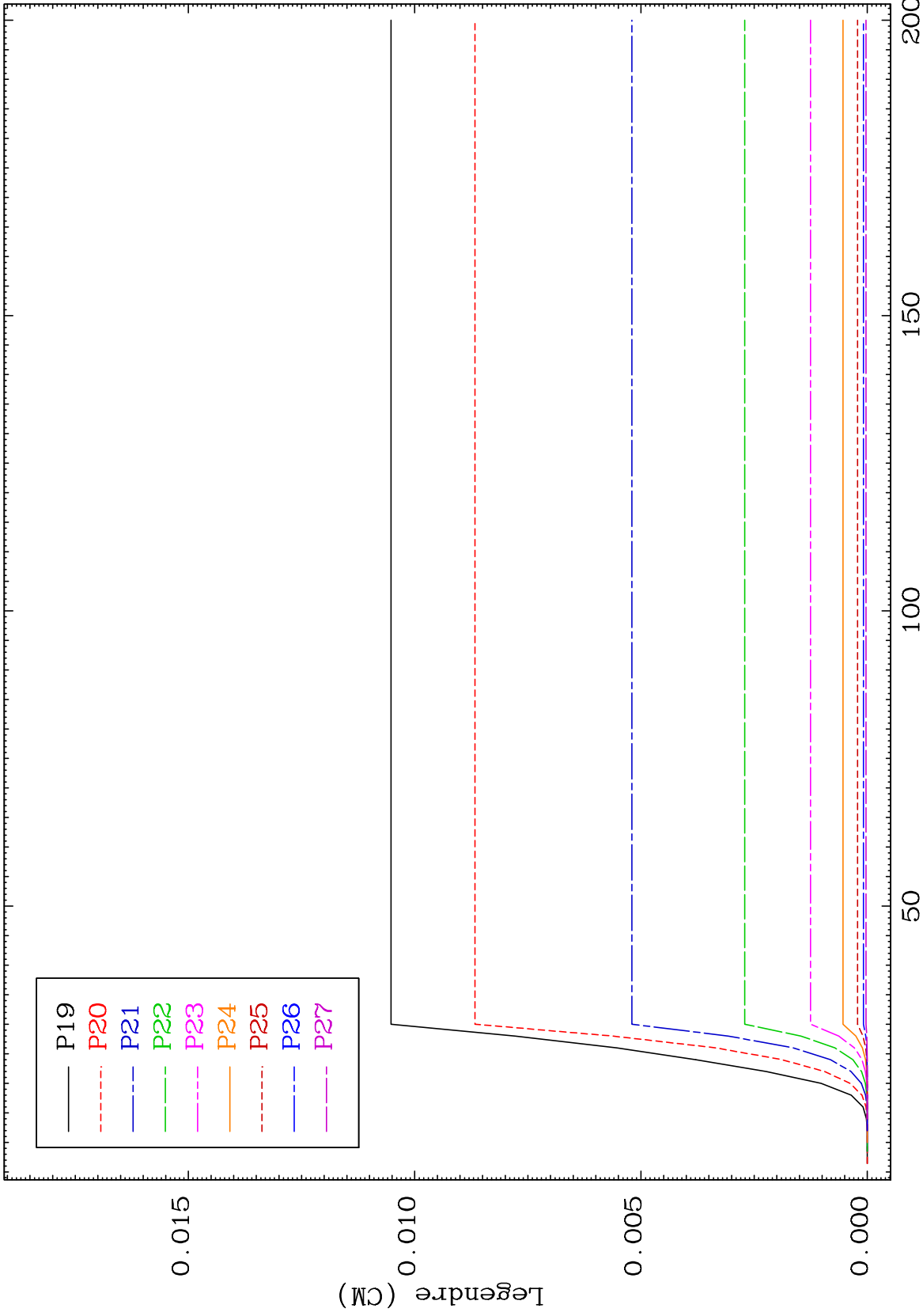
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



23

Incident Energy (MeV)

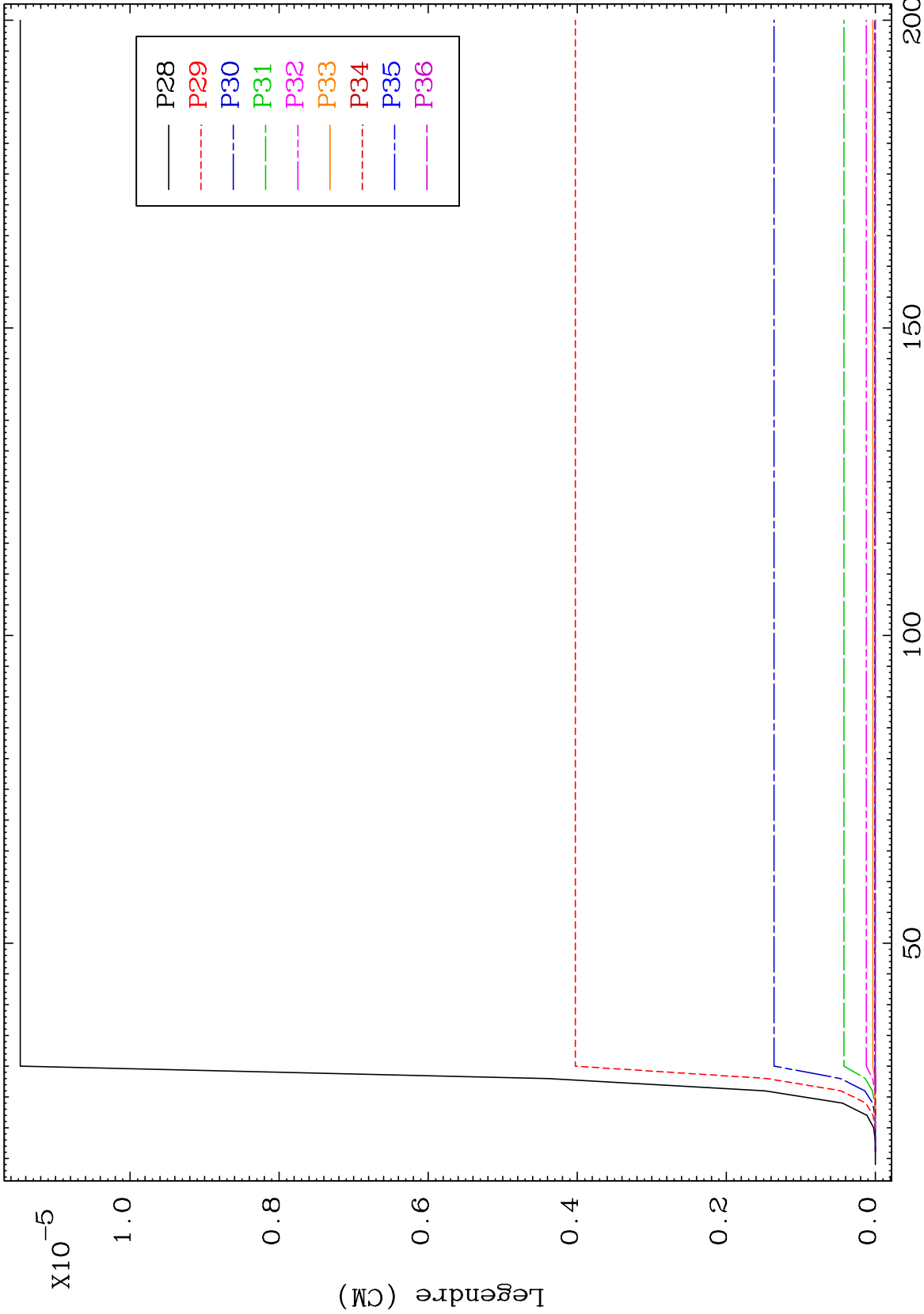
69-Tm-151



MAT 6871

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

69-Tm-151



24

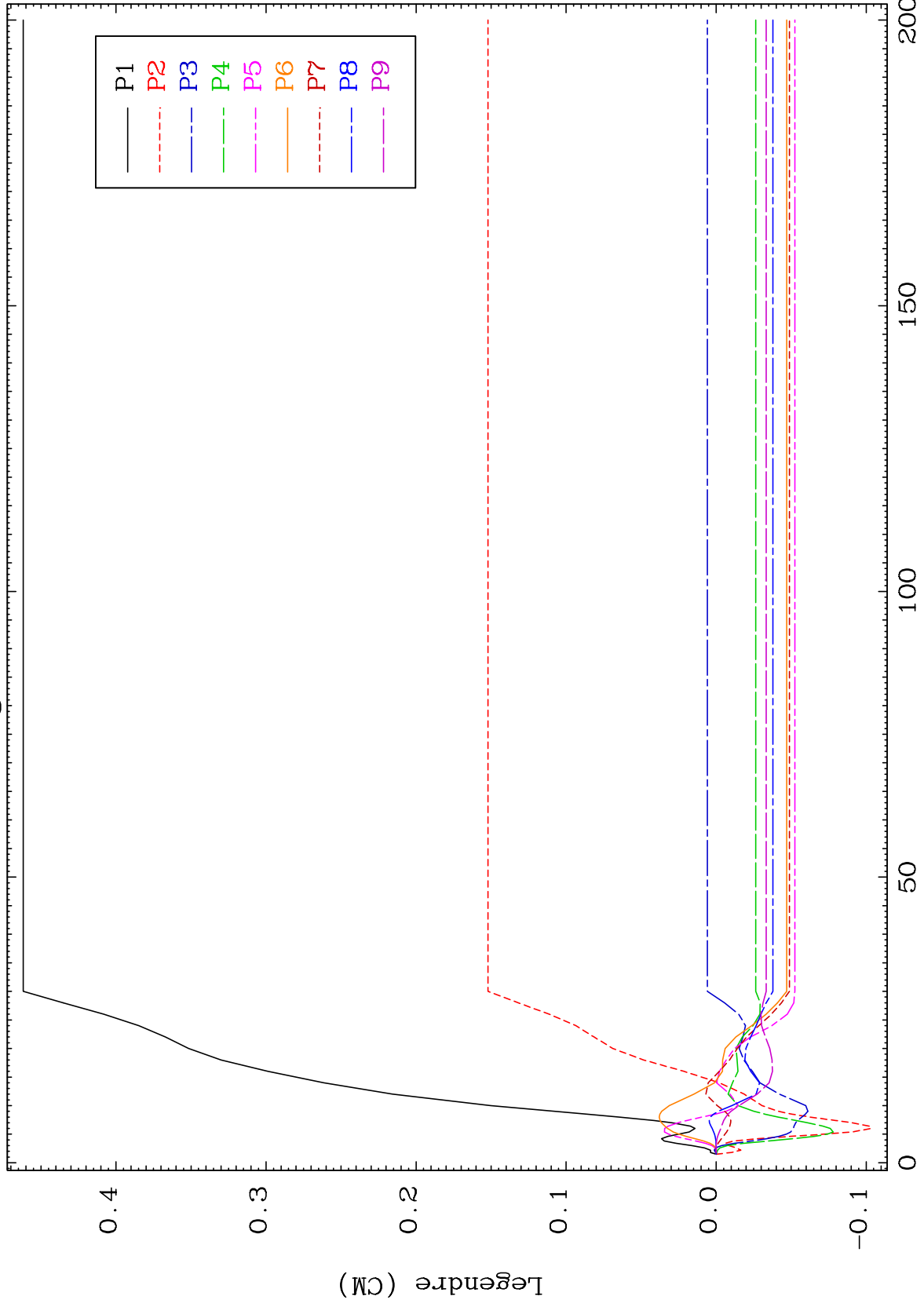
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



69-Tm-151

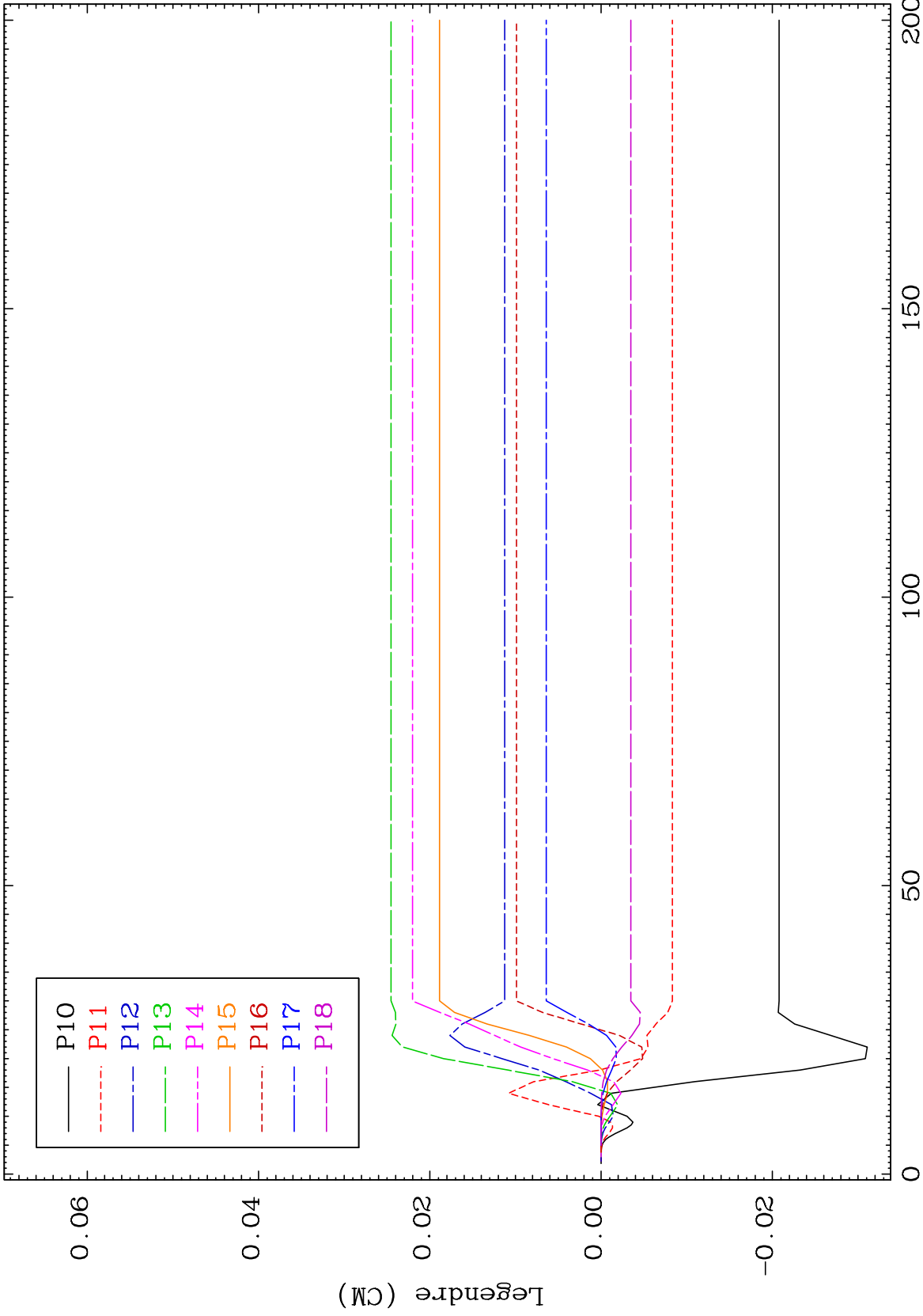
Incident Energy (MeV)

25

MAT 6871

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

69-Tm-151



26

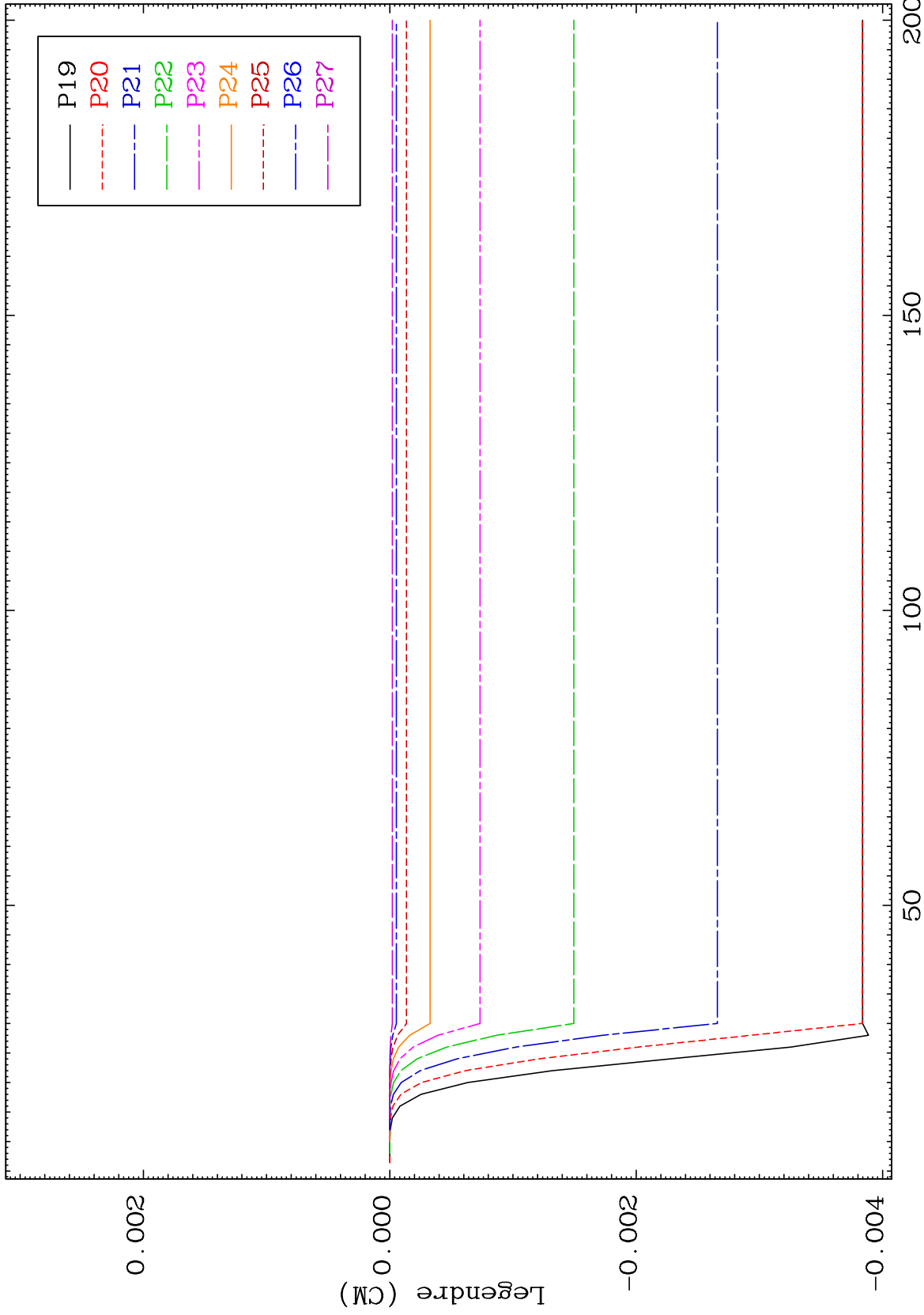
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151

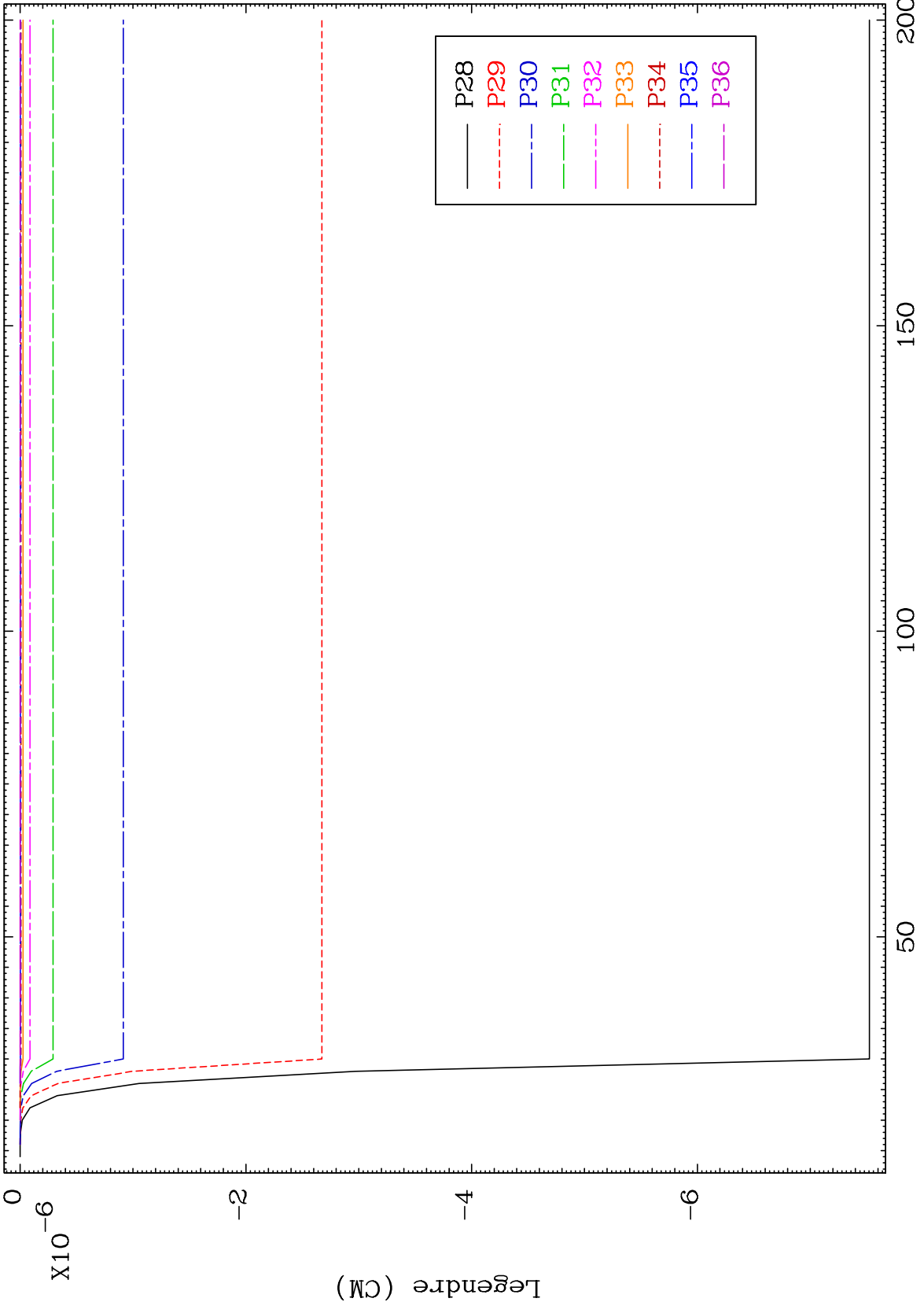


27

Incident Energy (MeV)

69-Tm-151

MAT 6871 MT= 53 (n,n') Level Legendre Coefficients 69-Tm-151

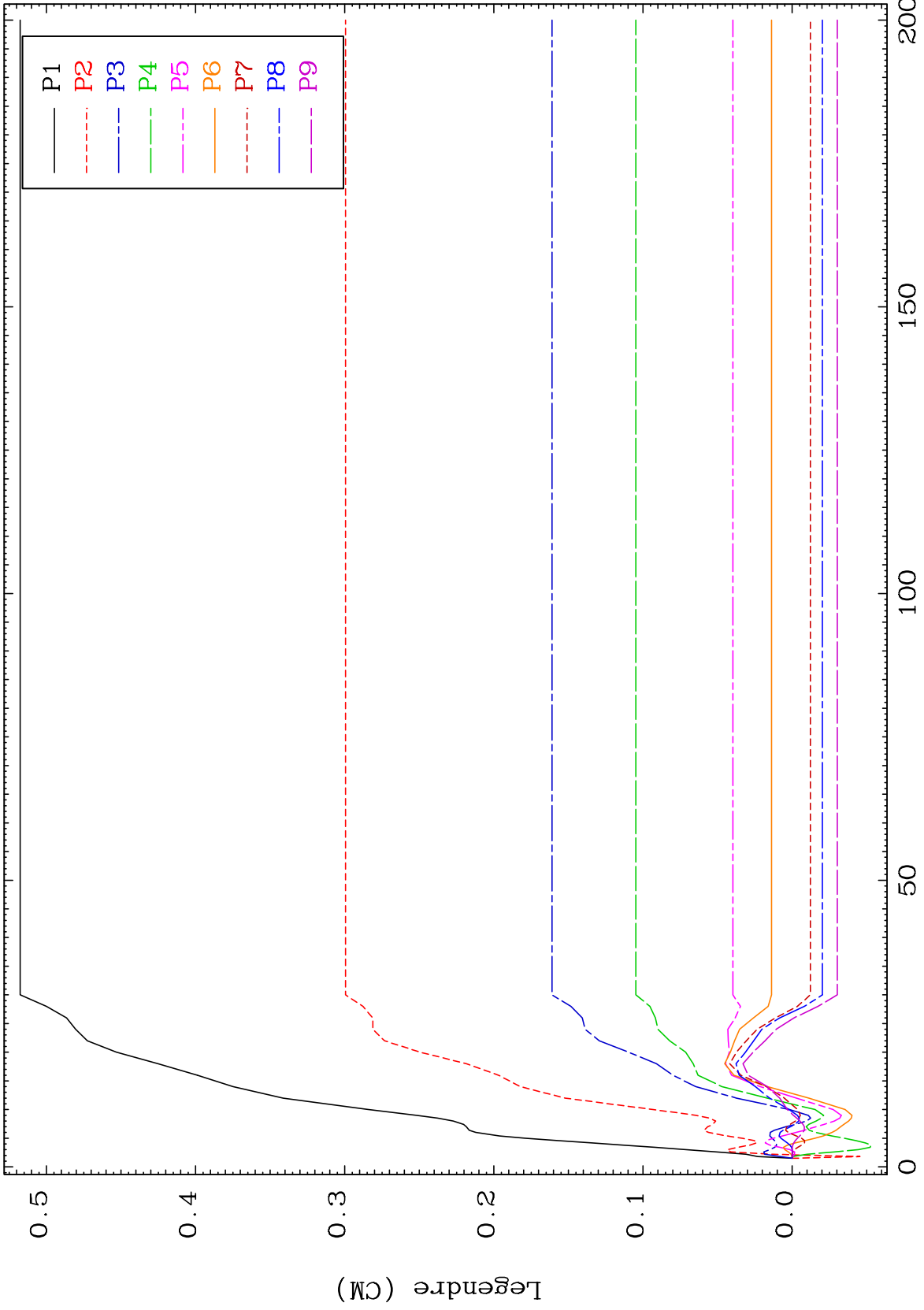


28 69-Tm-151

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

69-Tm-151



29

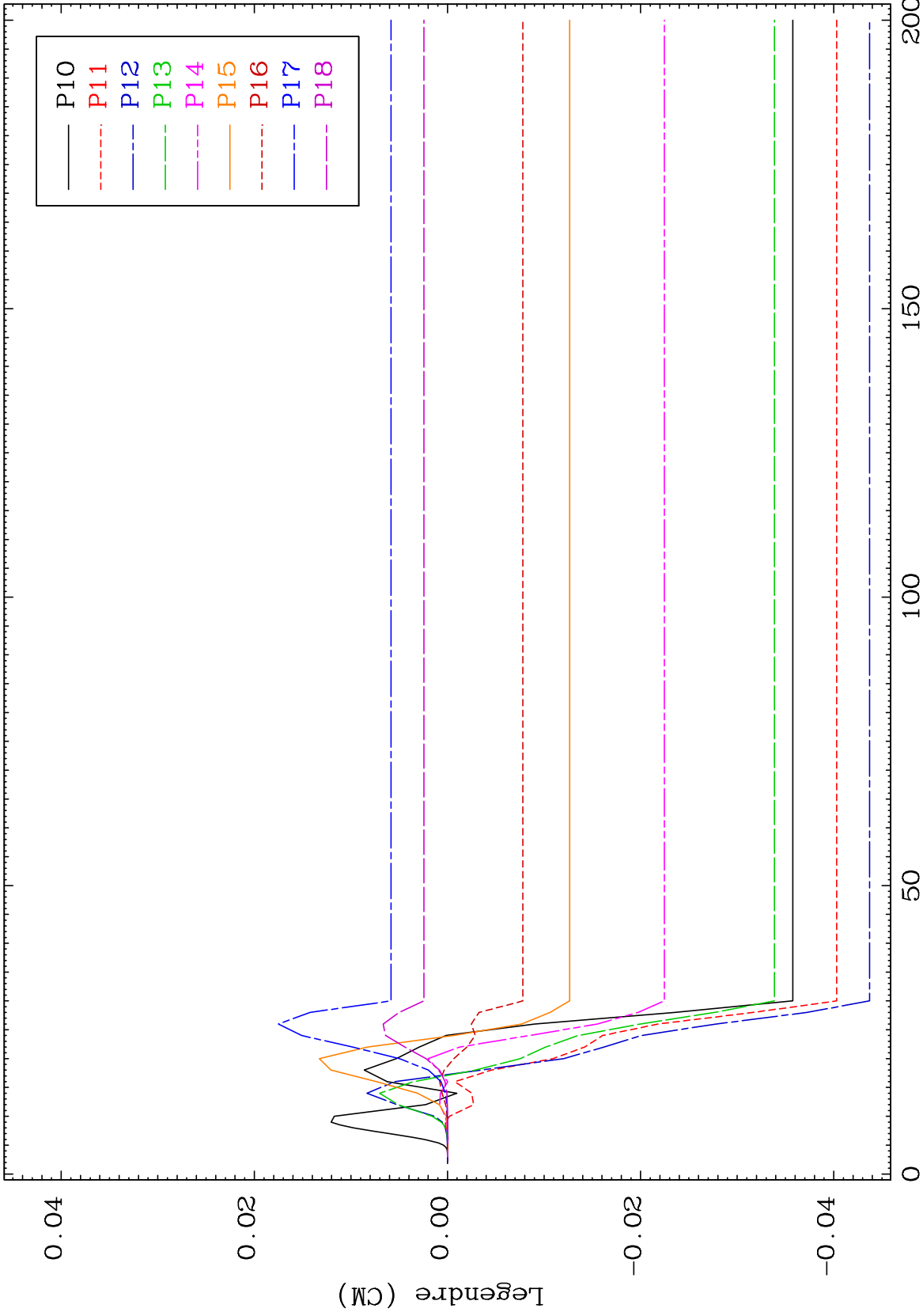
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



30

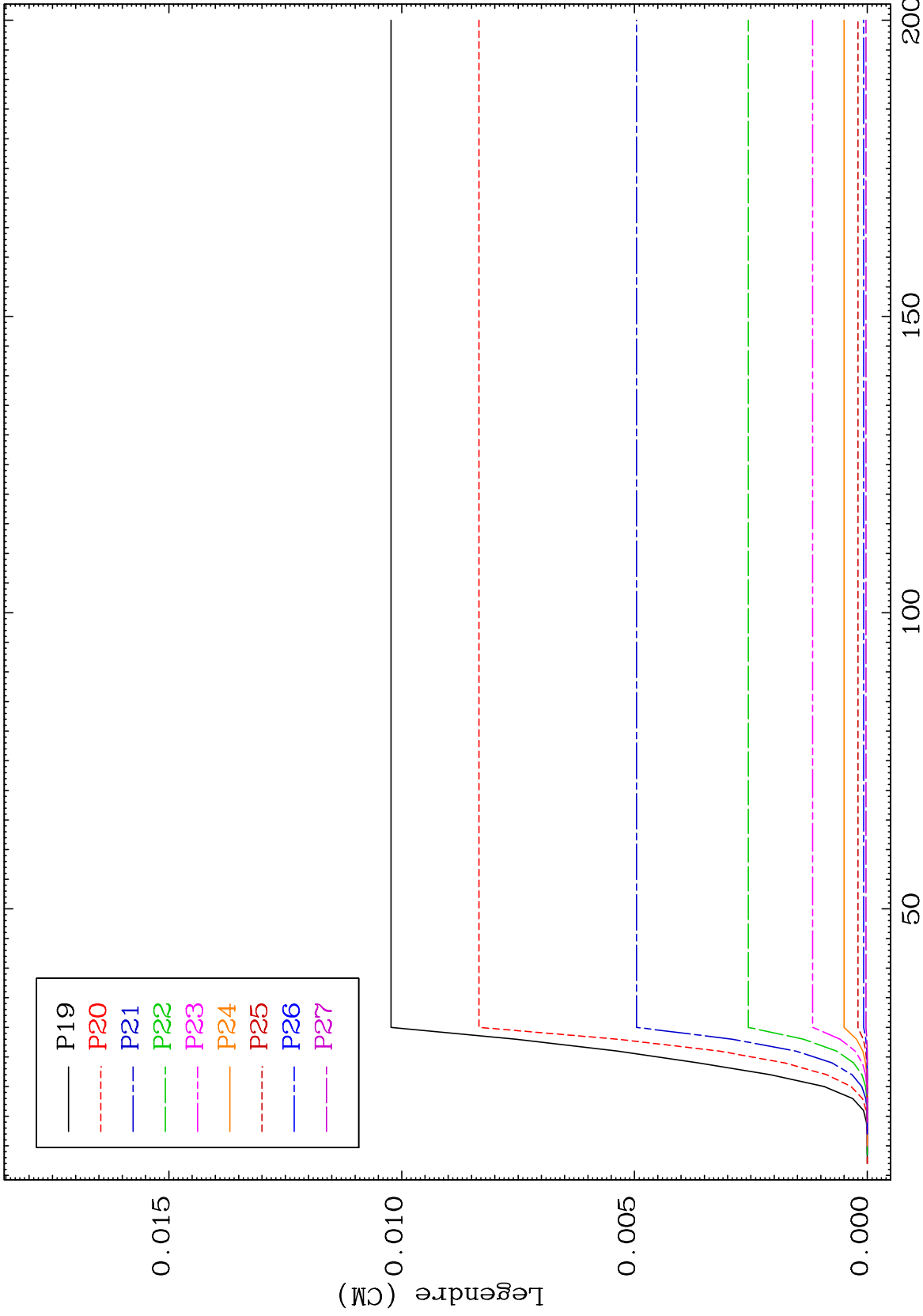
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



31

Incident Energy (MeV)

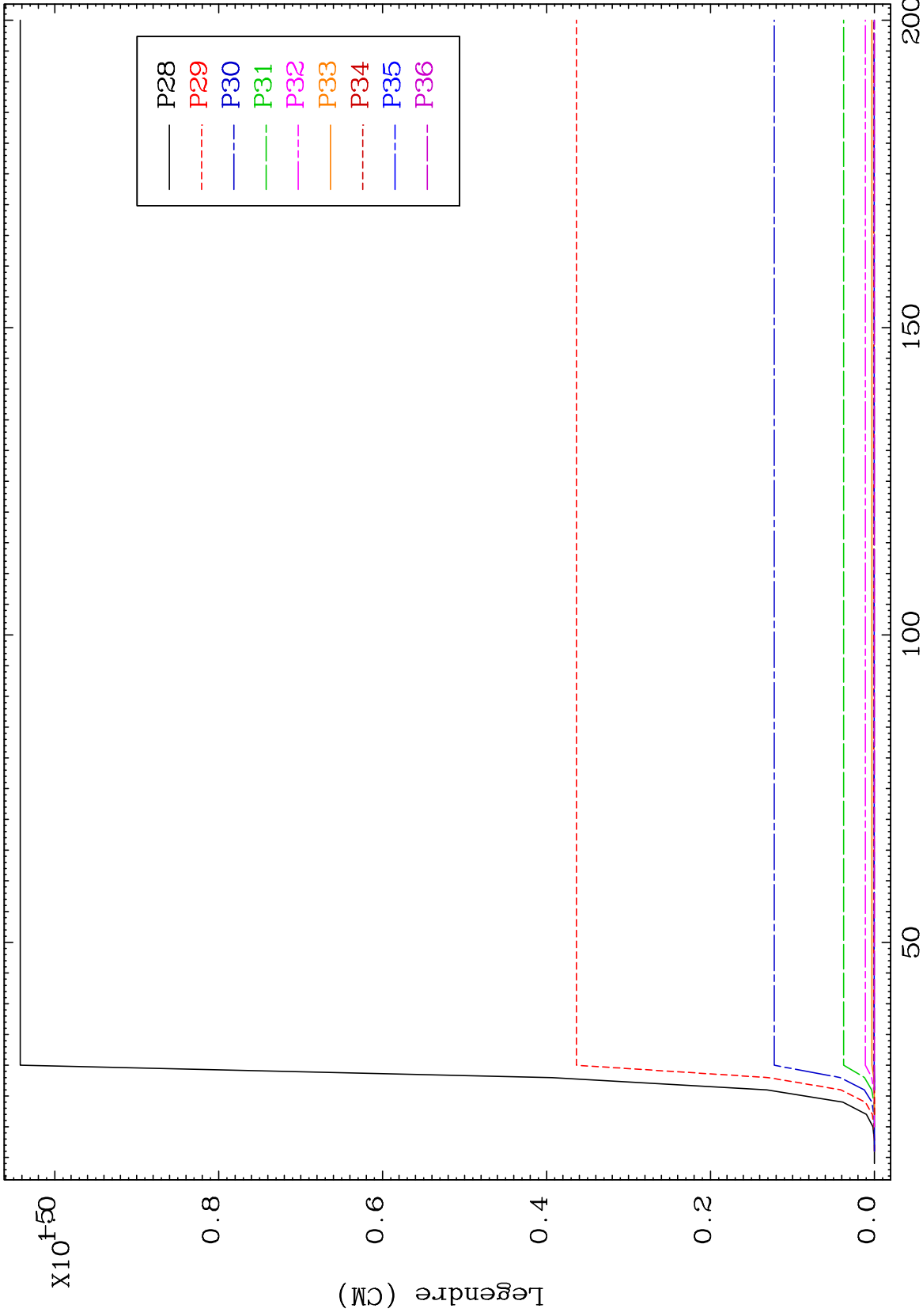
69-Tm-151



MAT 6871

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

69-Tm-151



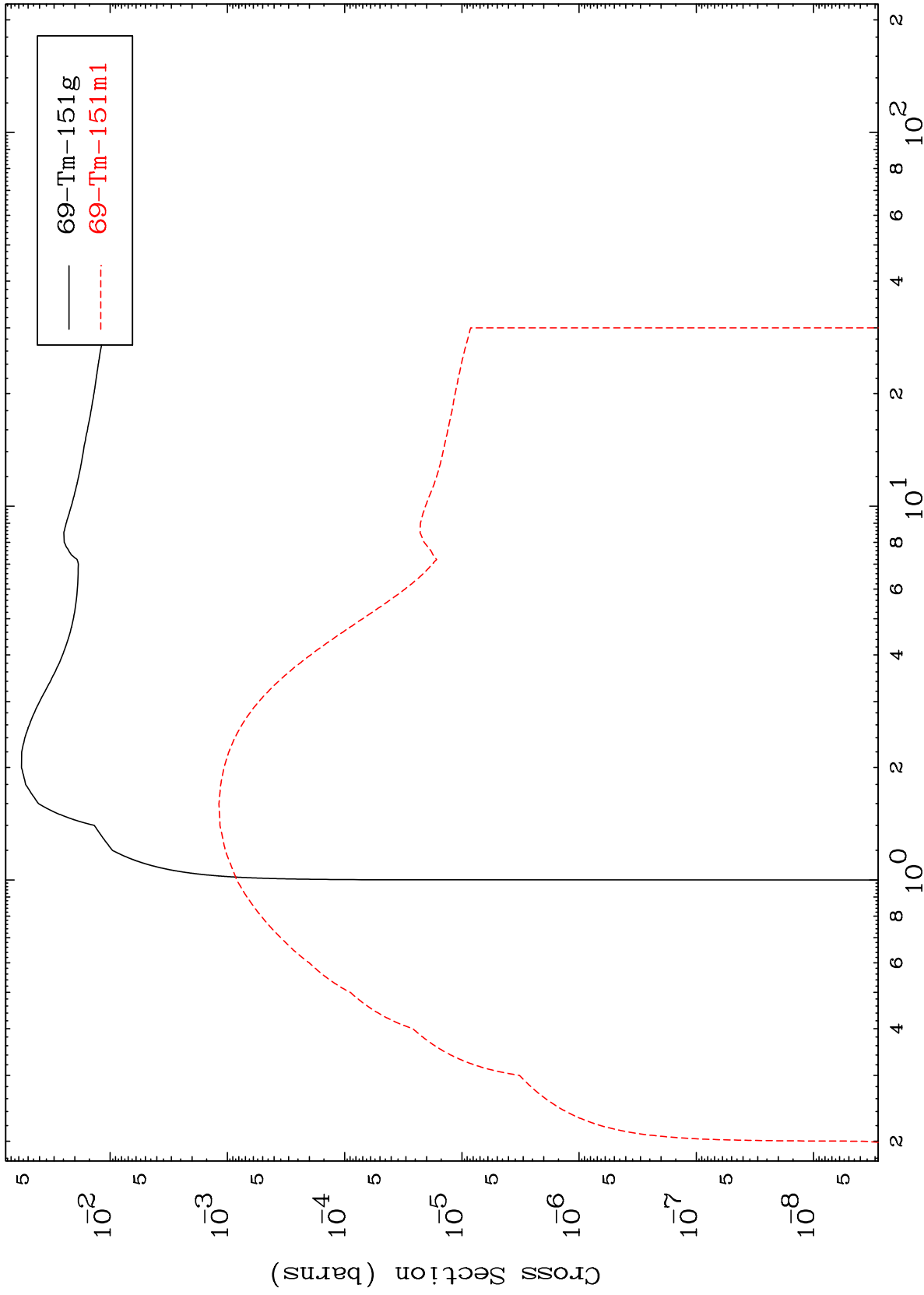
32

69-Tm-151

MAT 6871

69-Tm-151

Inelastic  
Radionuclide Production Cross Section



33

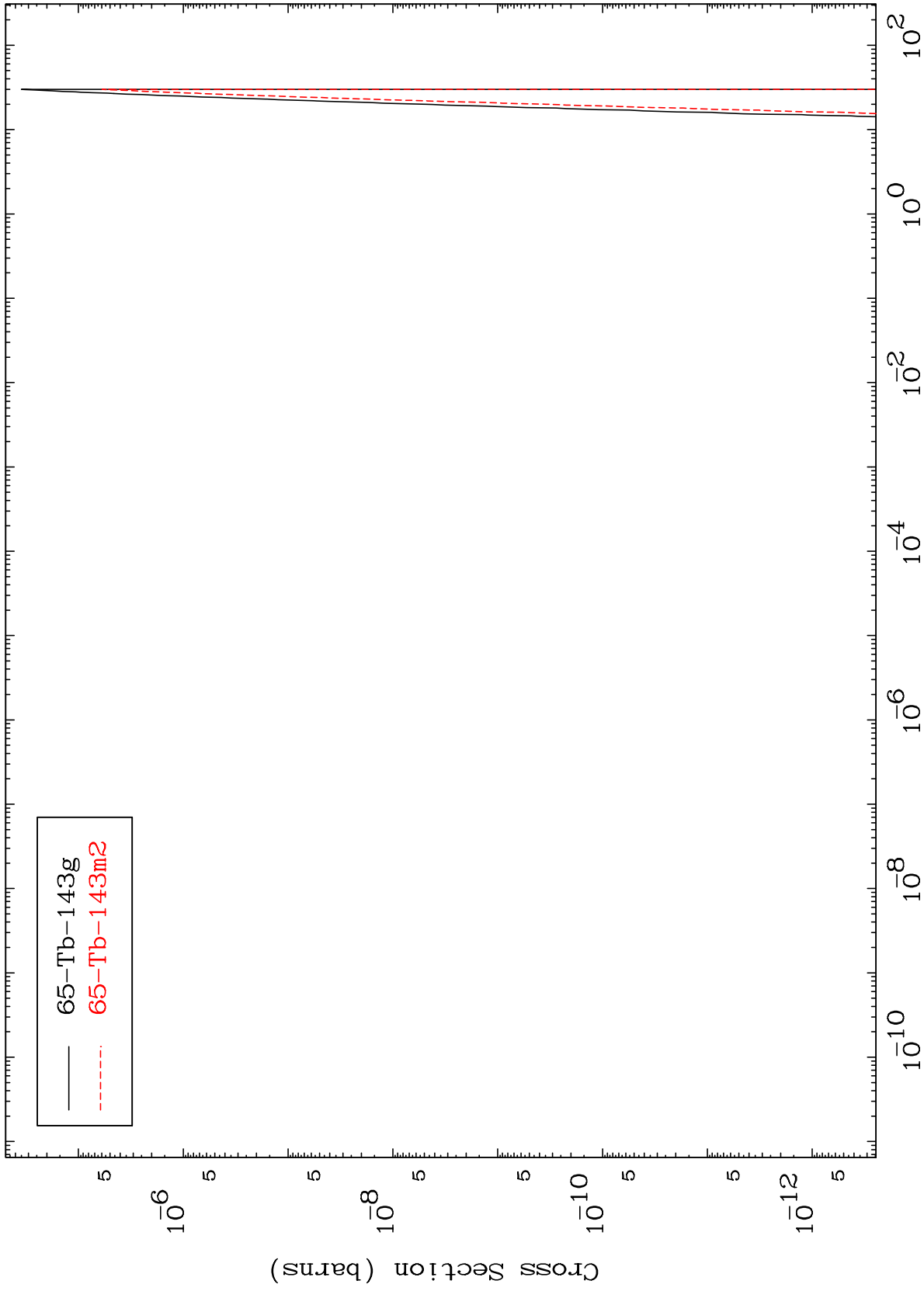
69-Tm-151

MAT 6871

(n,n') 2 $\alpha$

69-Tm-151

Radionuclide Production Cross Section



34

Incident Energy (MeV)

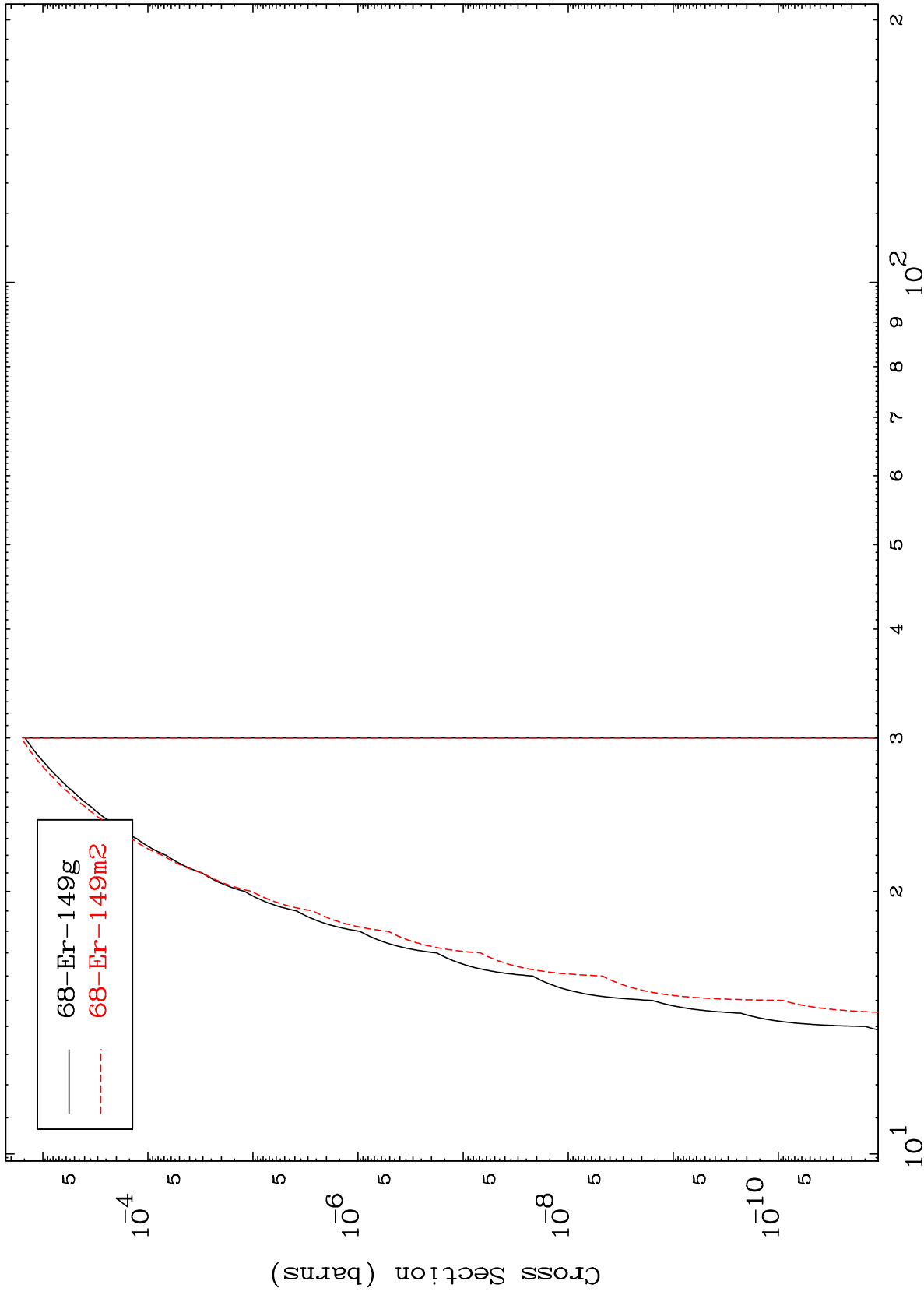
69-Tm-151

MAT 6871

(n,n') d

69-Tm-151

Radionuclide Production Cross Section



35

Incident Energy (MeV)

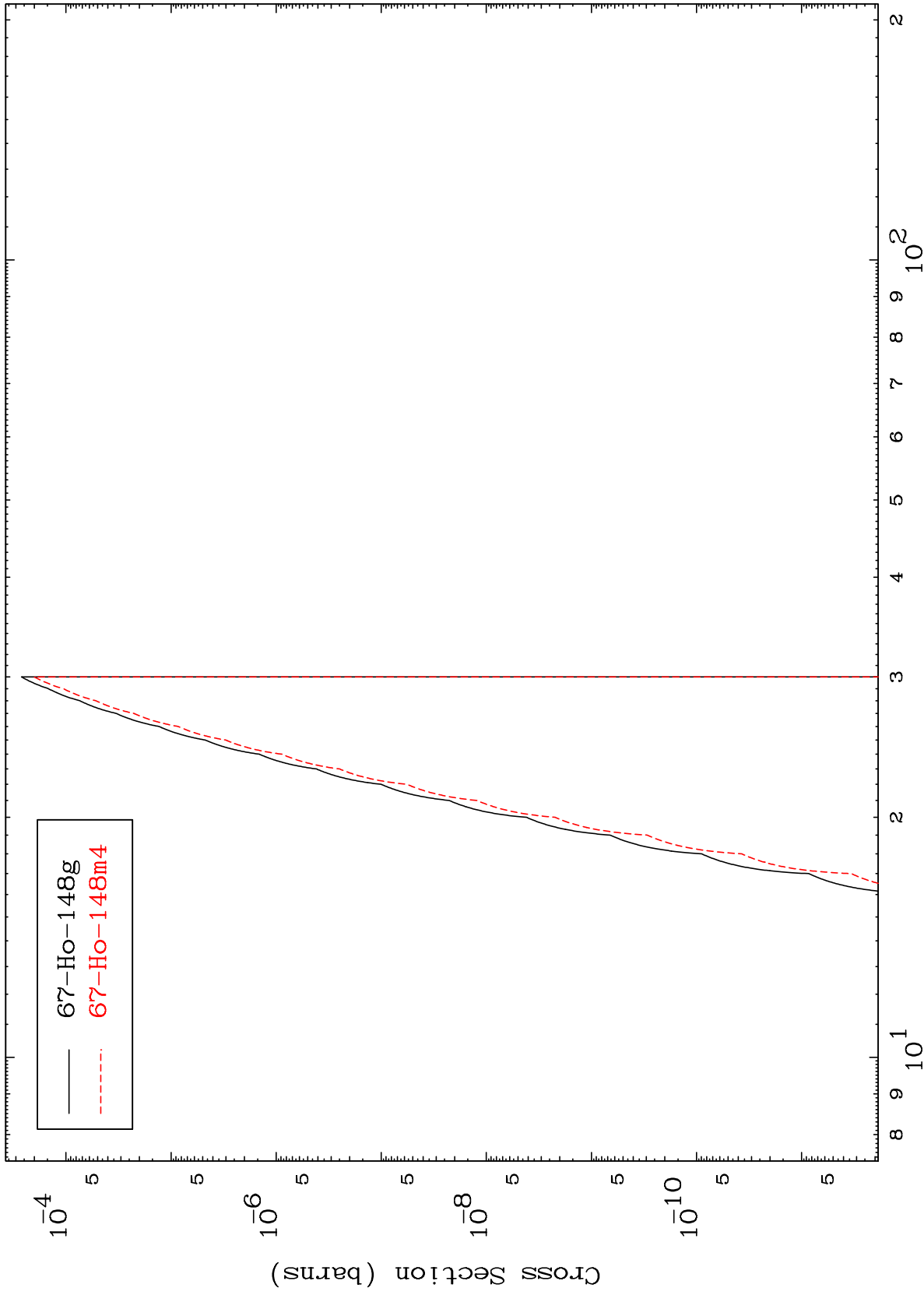
69-Tm-151

MAT 6871

(n, n') He-3

69-Tm-151

Radionuclide Production Cross Section



36

Incident Energy (MeV)

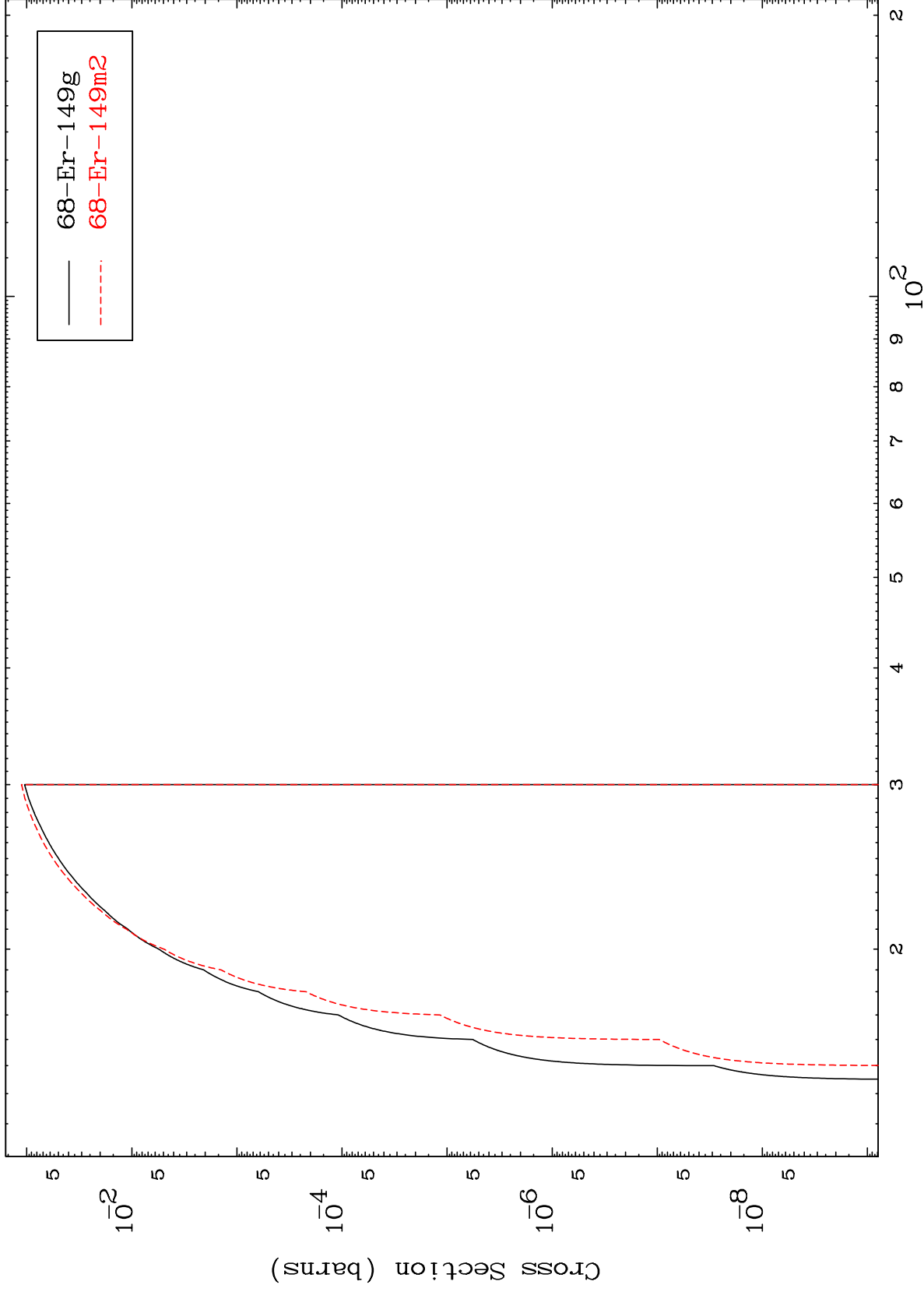
69-Tm-151

MAT 6871

(n,2n) p

69-Tm-151

Radionuclide Production Cross Section



37

Incident Energy (MeV)

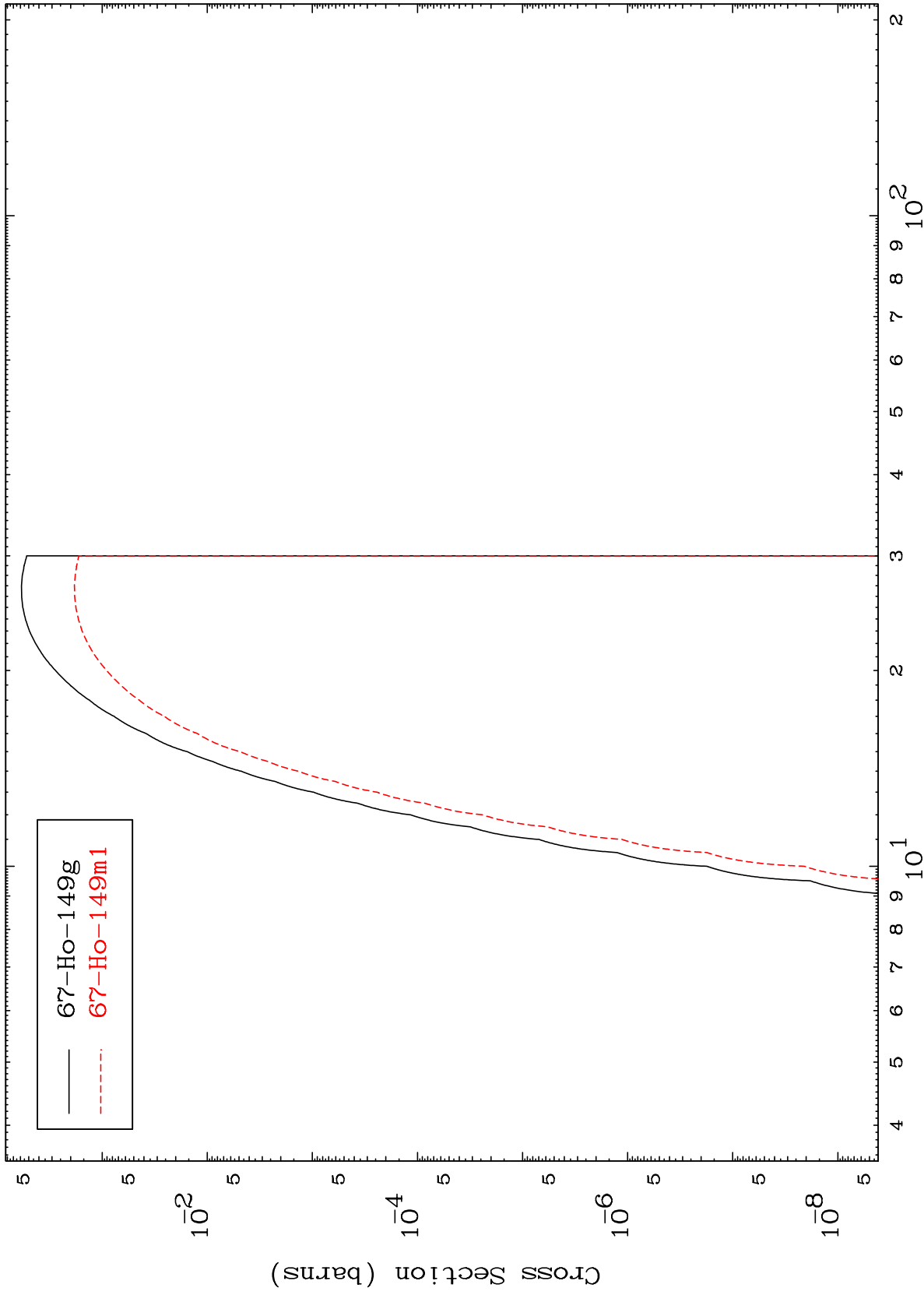
69-Tm-151

MAT 6871

(n,2n) p

69-Tm-151

Radionuclide Production Cross Section



38

Incident Energy (MeV)

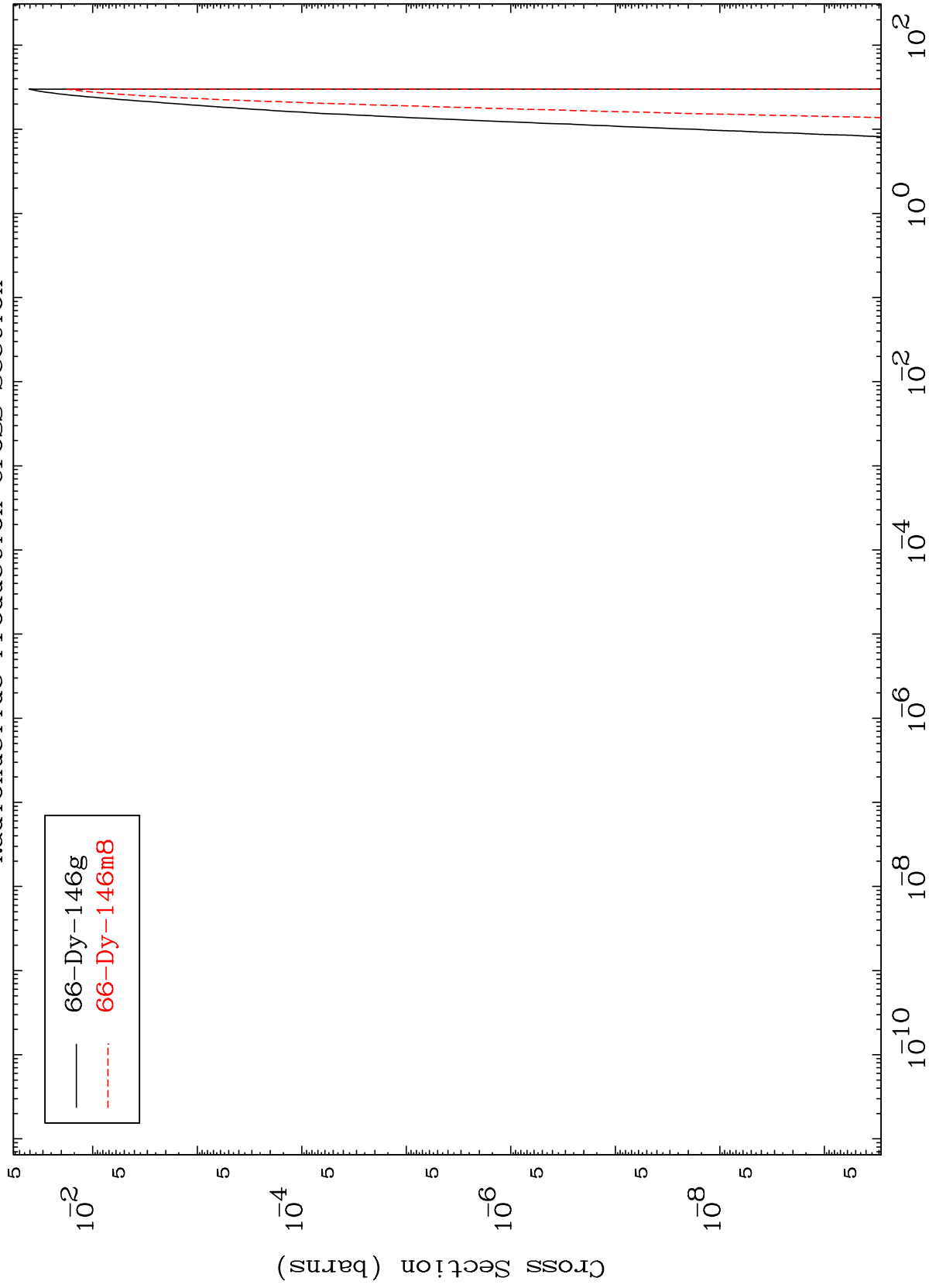
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MAT 6871

(n,n') p  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



39

Incident Energy (MeV)

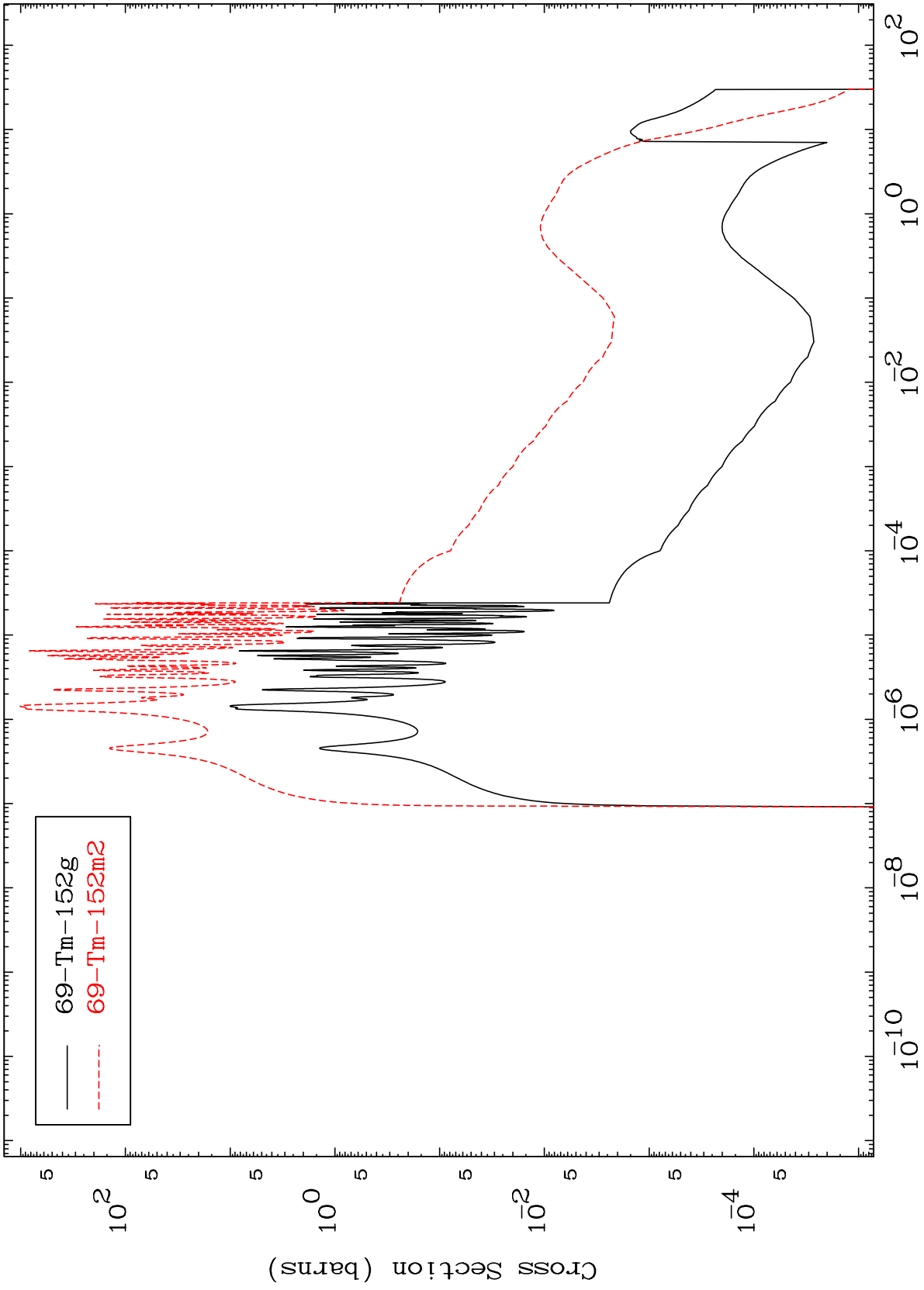
69-Tm-151



MAT 6871

Radionuclide Production Cross Section  
(n,γ)

69-Tm-151



40

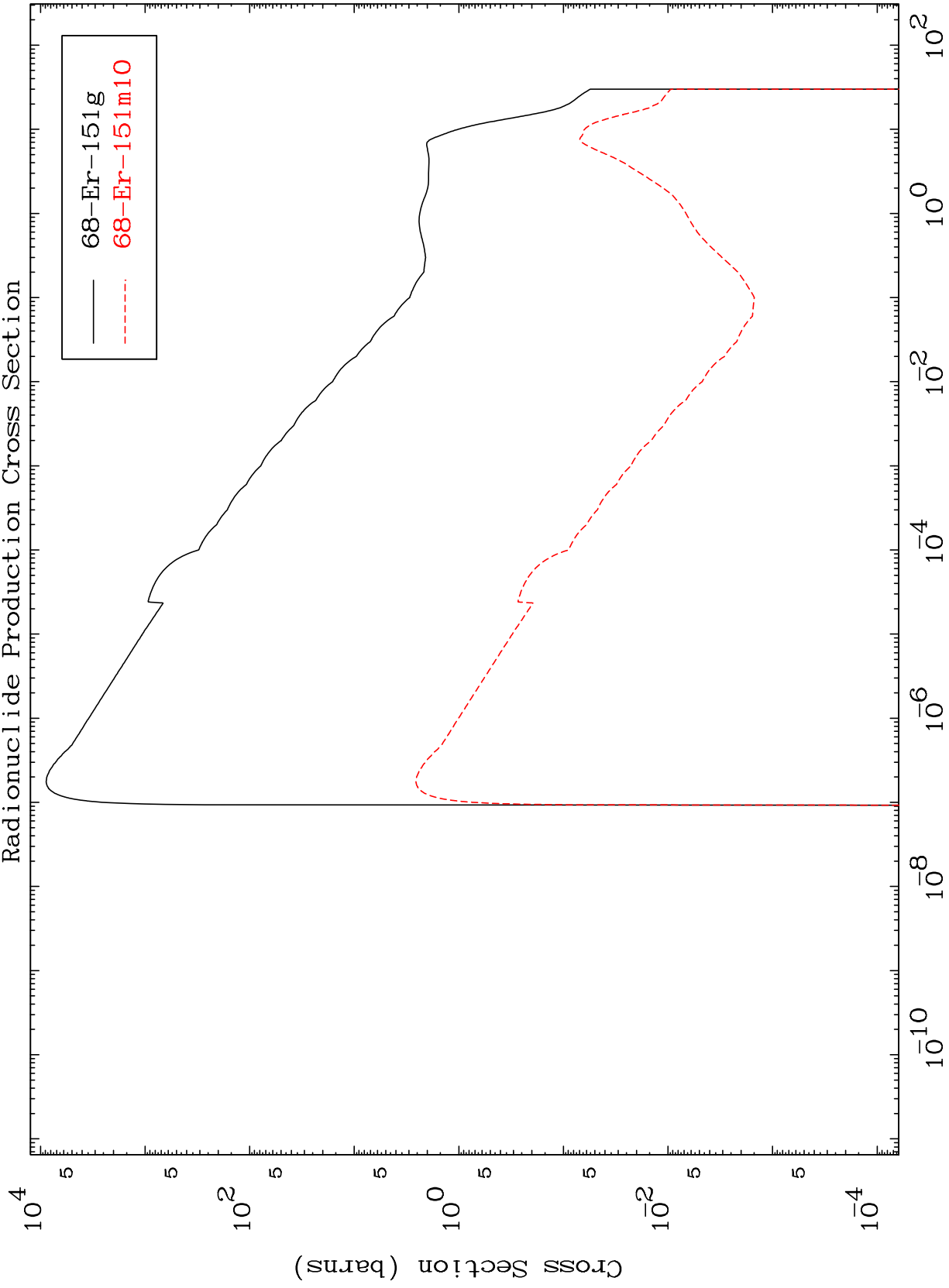
Incident Energy (MeV)

69-Tm-151

MAT 6871

69-Tm-151

(n,p)  
Radionuclide Production Cross Section



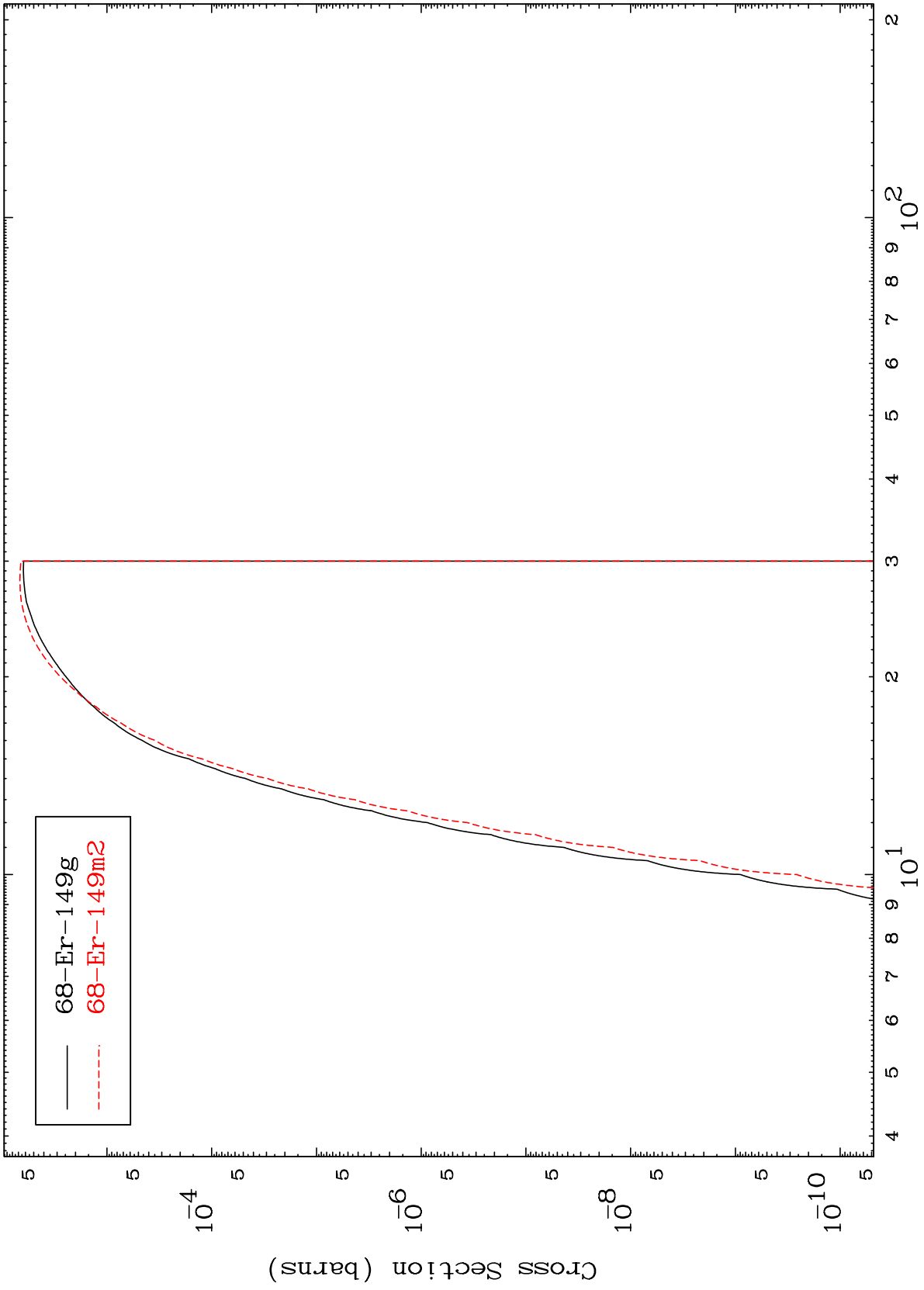
41

69-Tm-151

MAT 6871

69-Tm-151

(n, t)  
Radionuclide Production Cross Section



42

Incident Energy (MeV)

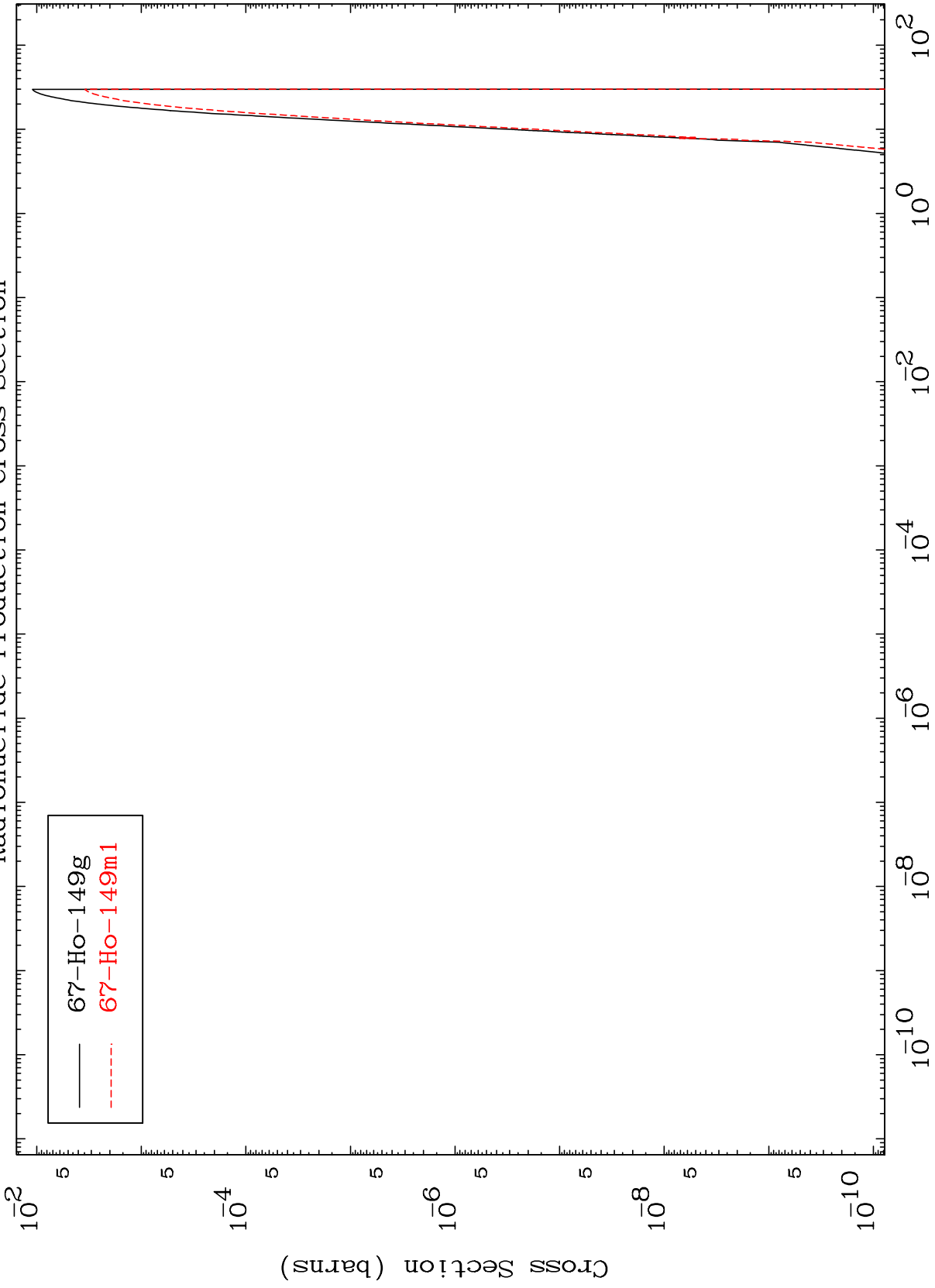
69-Tm-151

MAT 6871

(n, He-3)

69-Tm-151

Radionuclide Production Cross Section



67-Ho-149g  
67-Ho-149m1

43

Incident Energy (MeV)

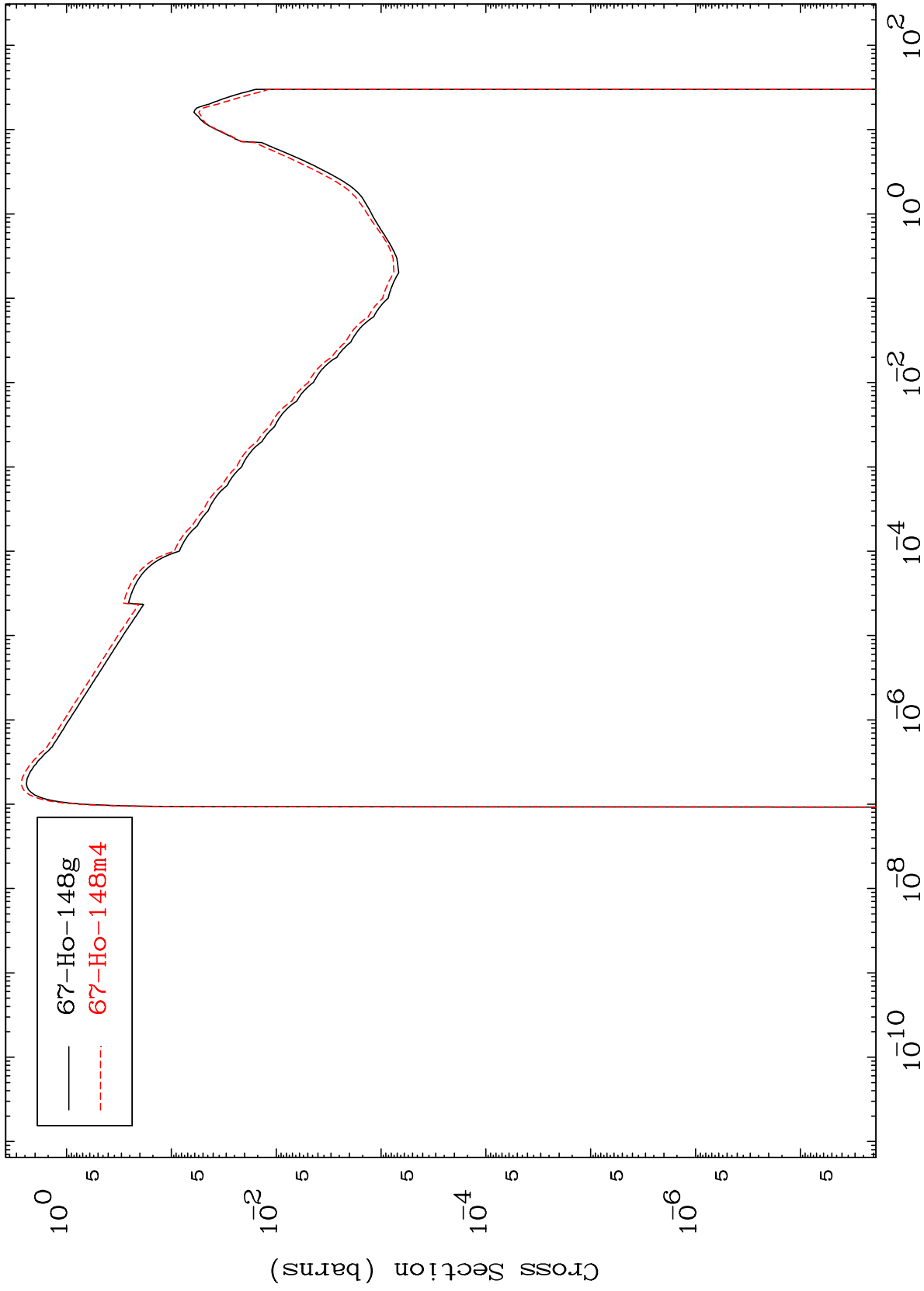
69-Tm-151

MAT 6871

(n,  $\alpha$ )

69-Tm-151

Radionuclide Production Cross Section

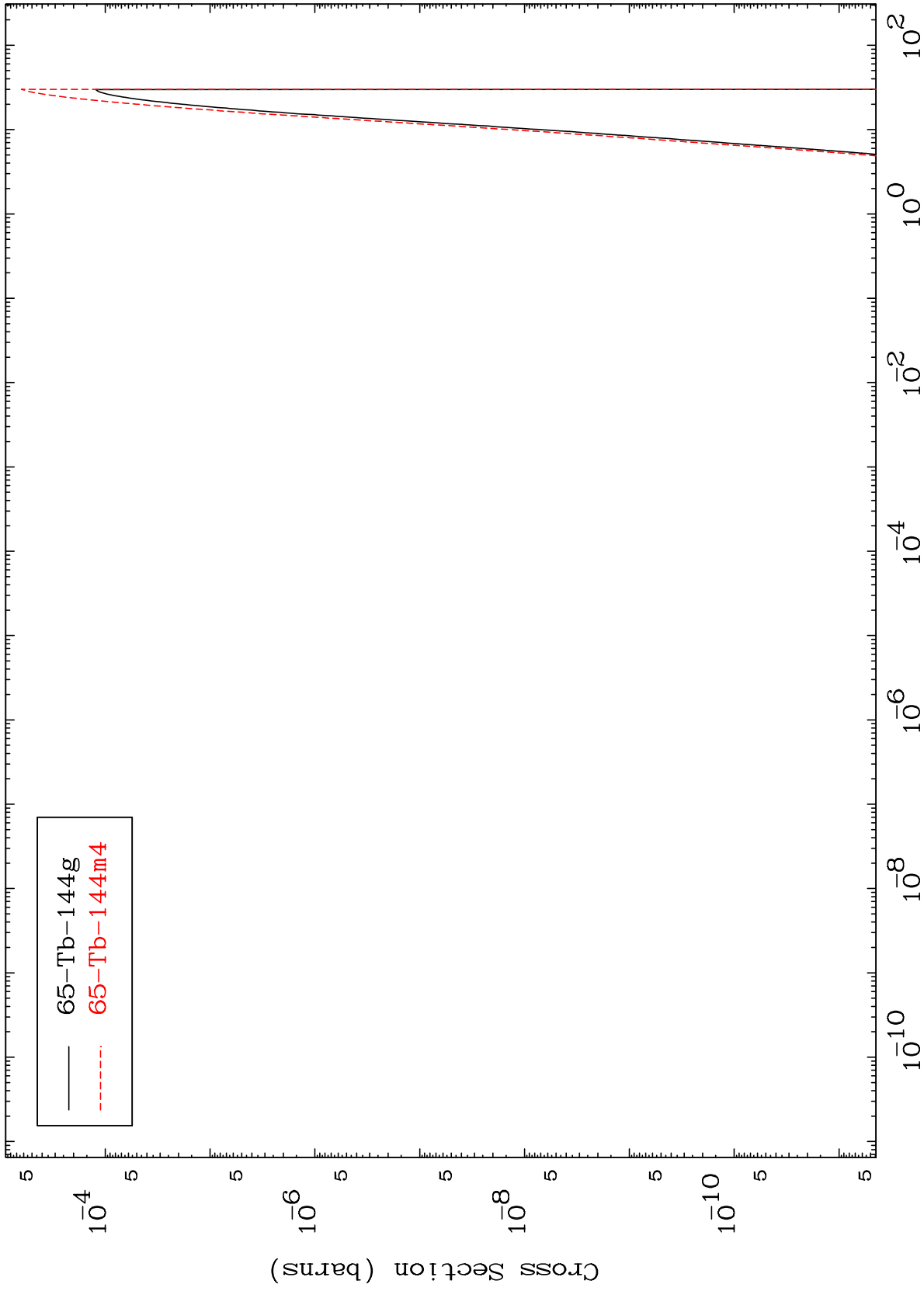


MAT 6871

(n,2α)

69-Tm-151

Radionuclide Production Cross Section



45

Incident Energy (MeV)

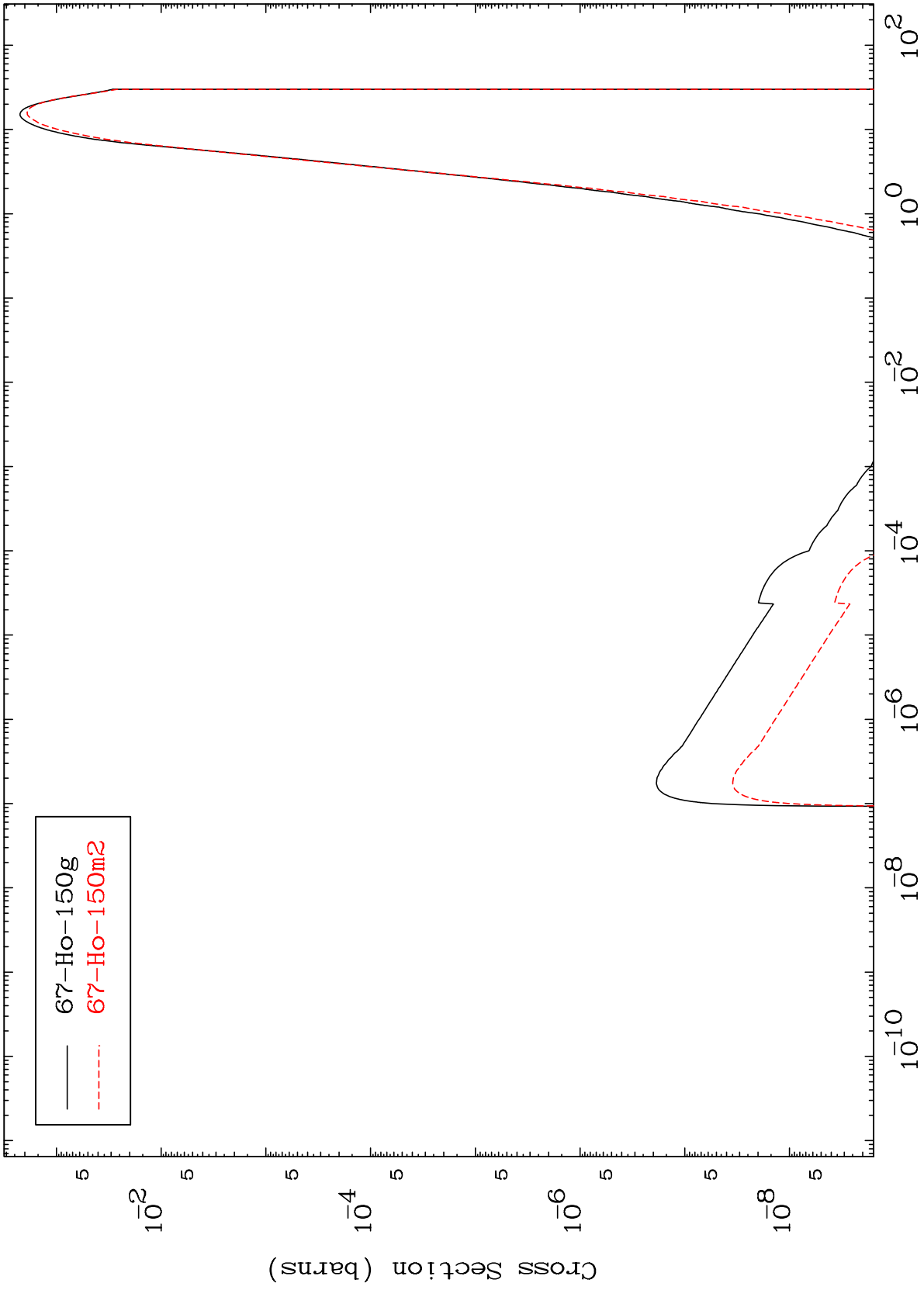
69-Tm-151

MAT 6871

(n,2p)

69-Tm-151

Radionuclide Production Cross Section



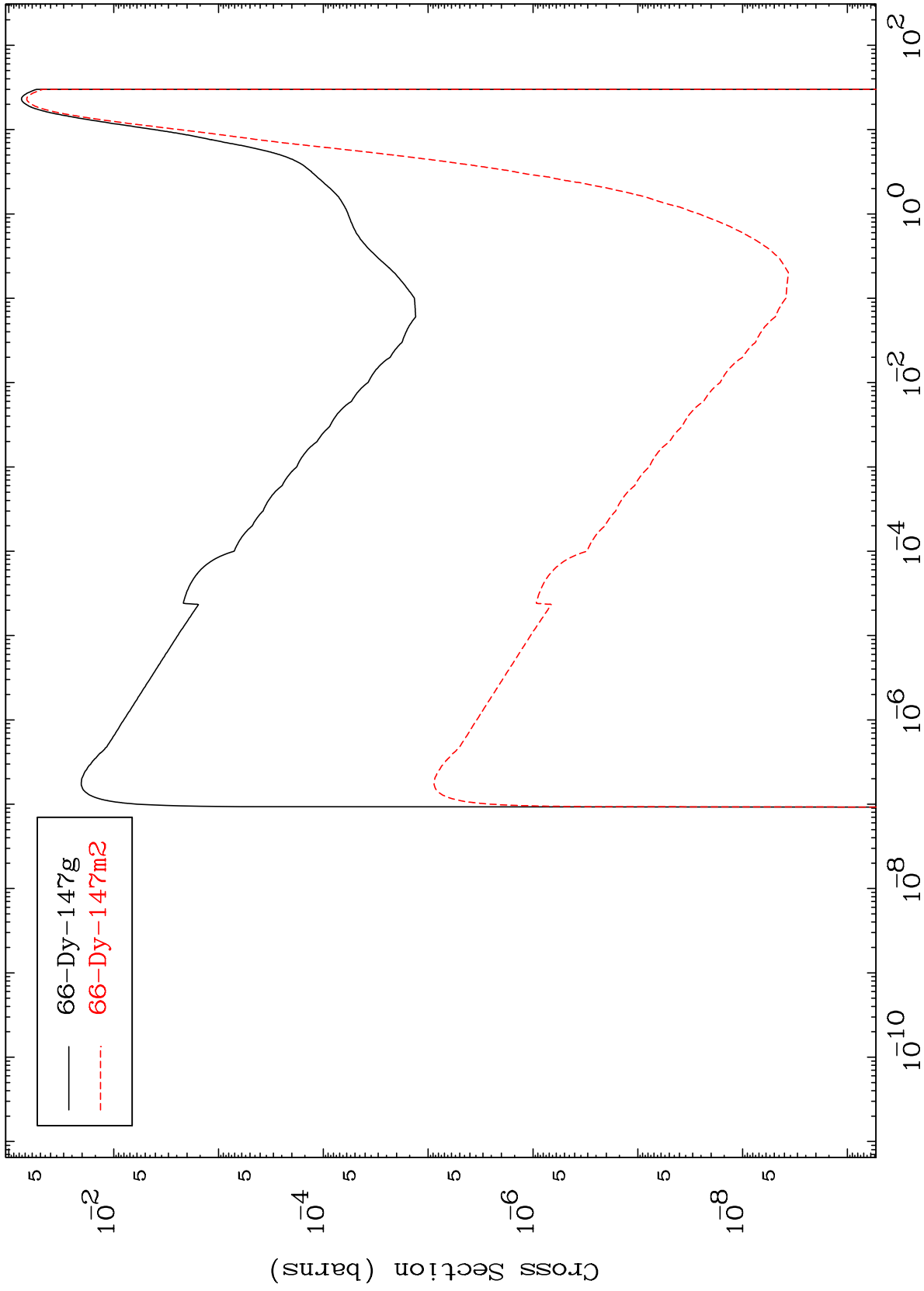
67-Ho-150g  
67-Ho-150mg

MAT 6871

(n,p)  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



47

Incident Energy (MeV)

69-Tm-151

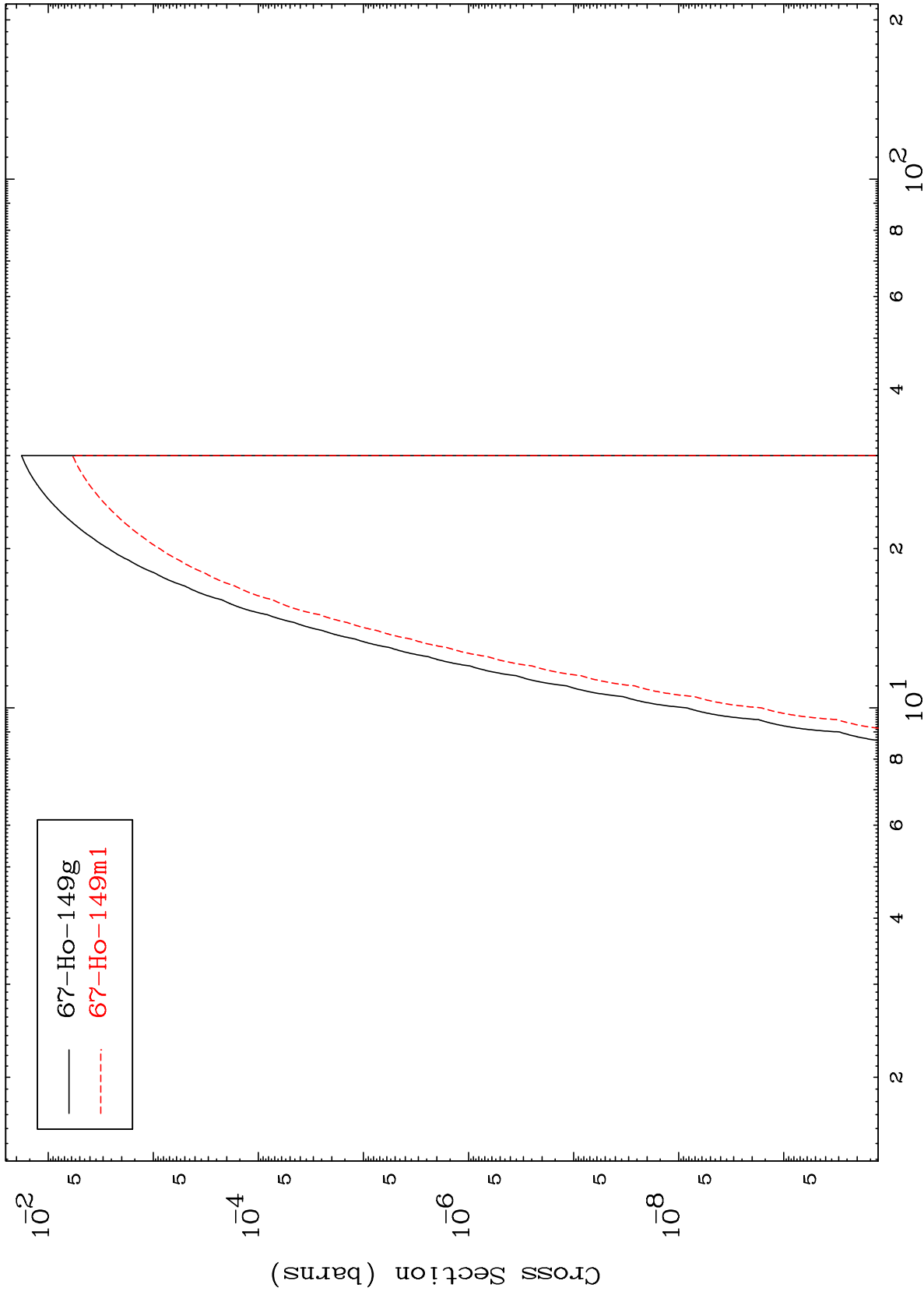


MAT 6871

(n,p) d

69-Tm-151

Radionuclide Production Cross Section



48

Incident Energy (MeV)

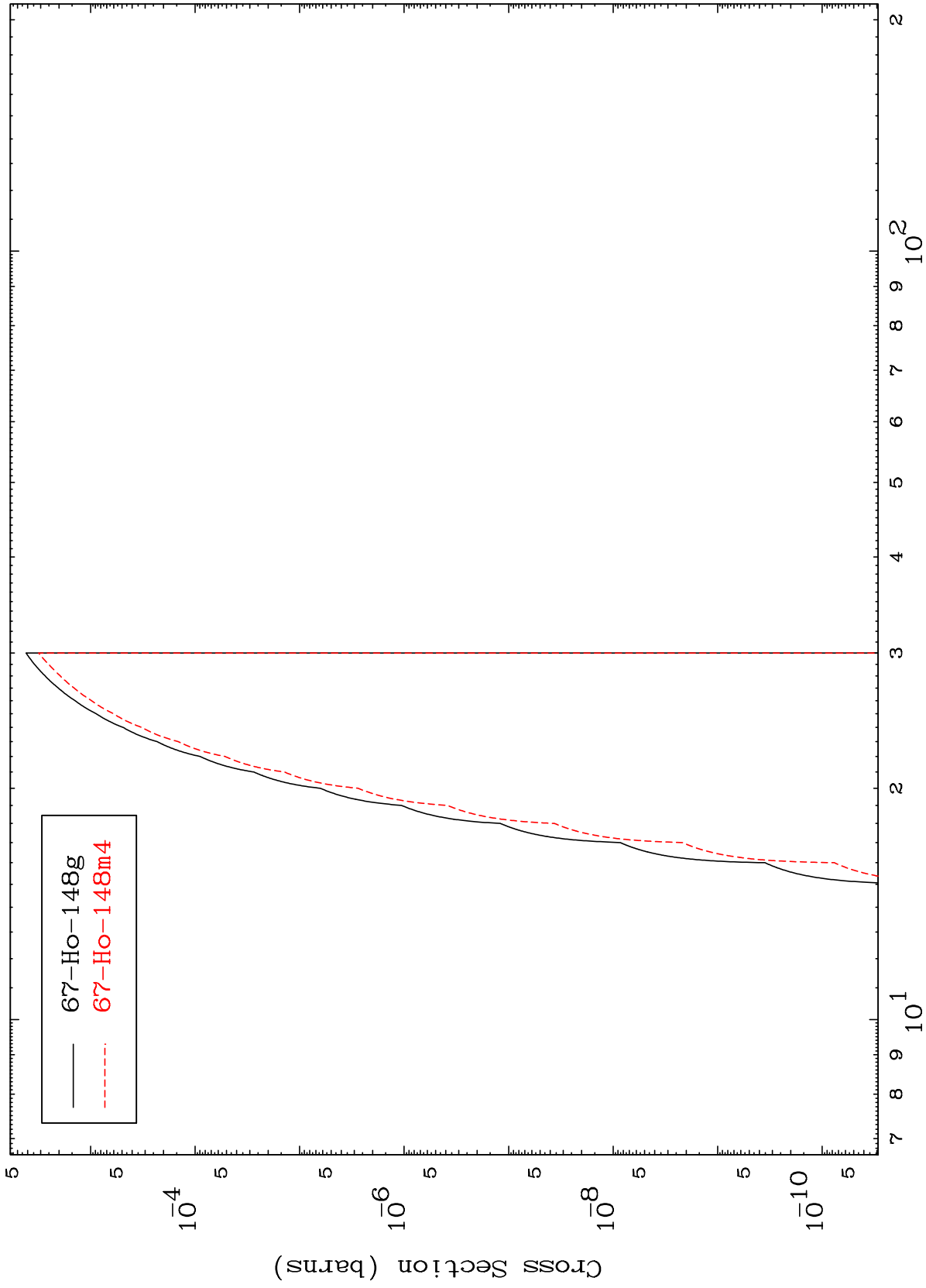
69-Tm-151

MAT 6871

(n,p) t

69-Tm-151

Radionuclide Production Cross Section



49

Incident Energy (MeV)

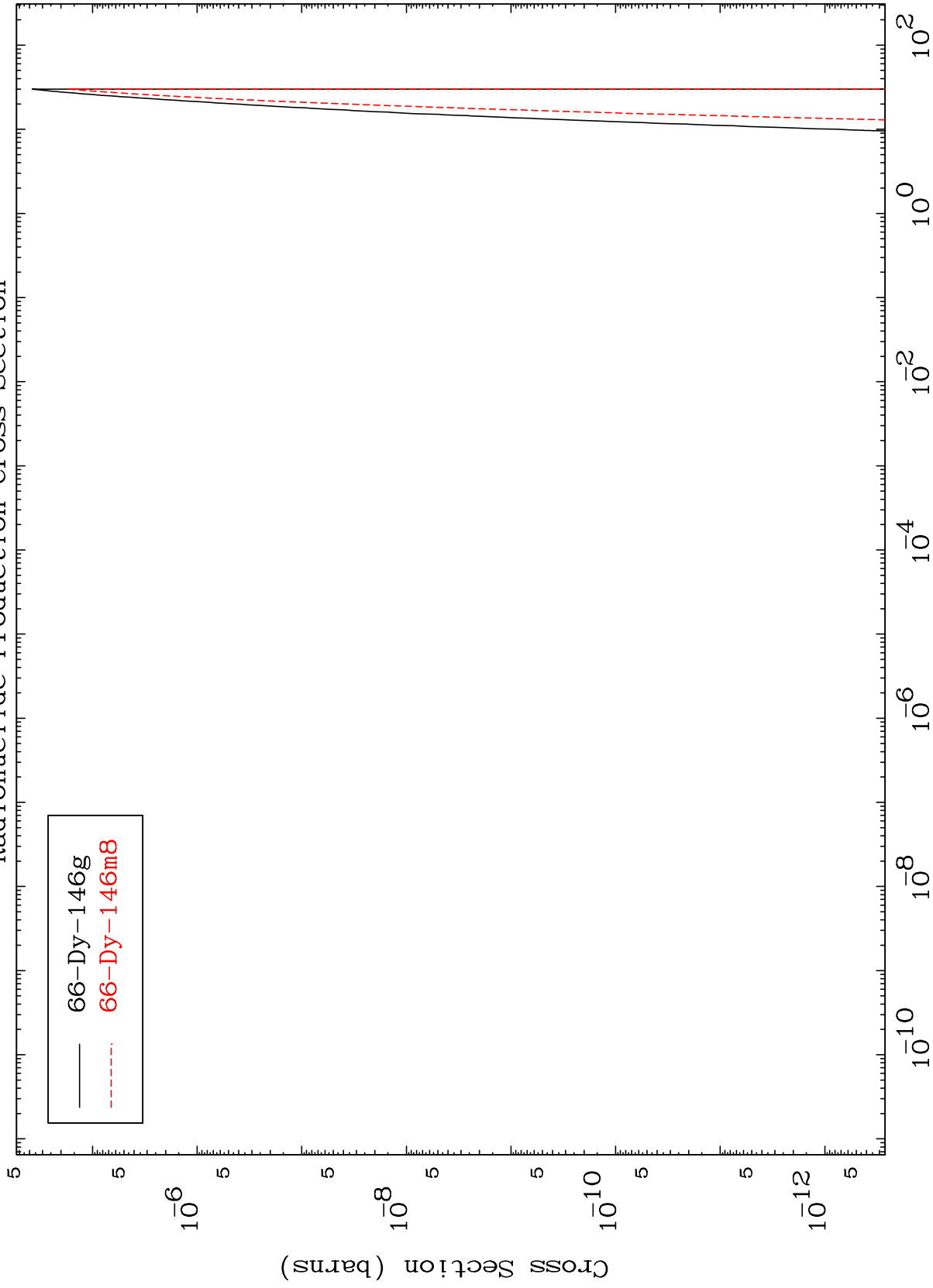
69-Tm-151

MAT 6871

(n,d)  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



50

Incident Energy (MeV)

69-Tm-151