

Program EVALPLOT  
(Version 2021-1)

by

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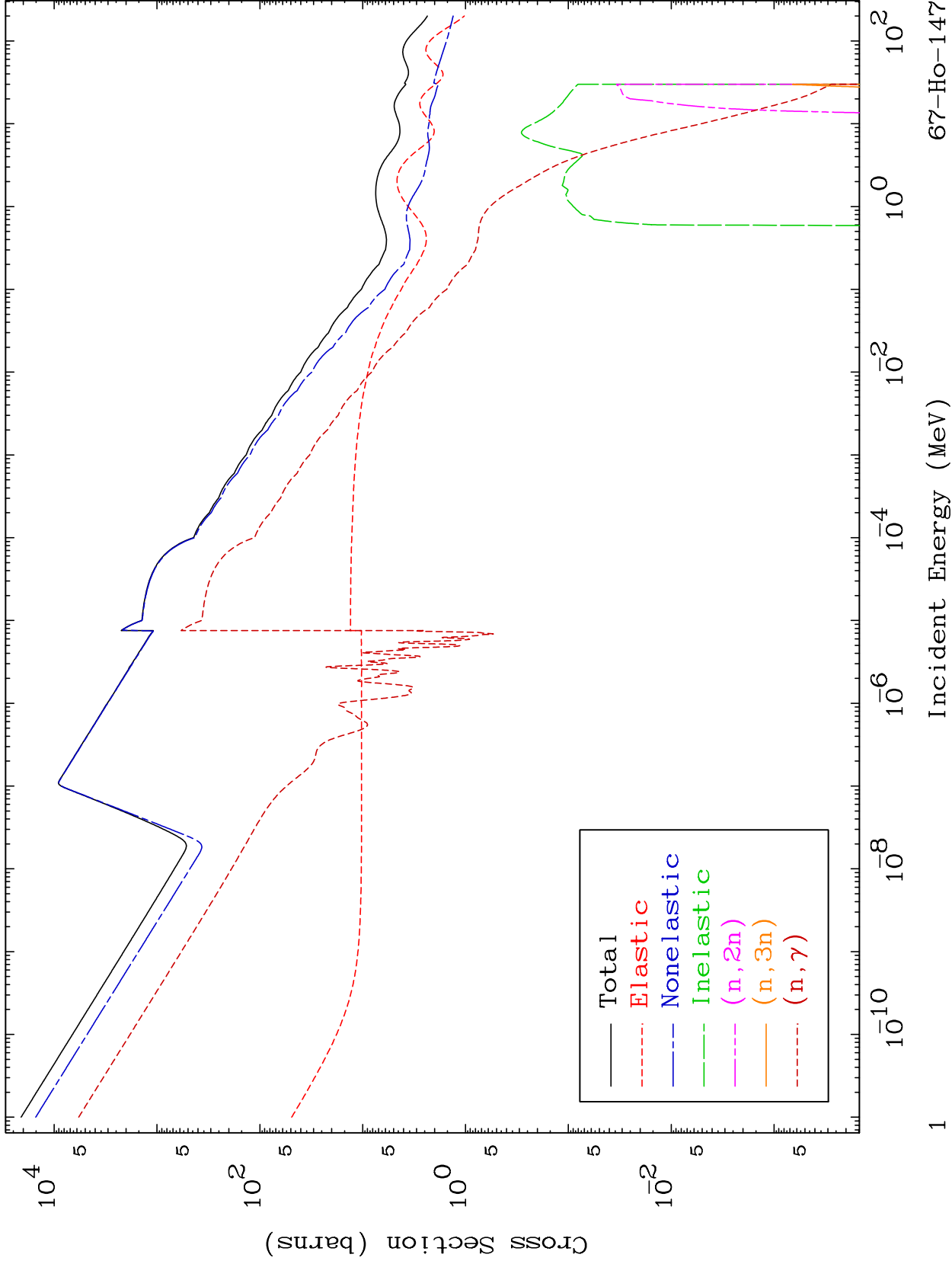
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6671

Neutron Major  
293 Kelvin Cross Sections

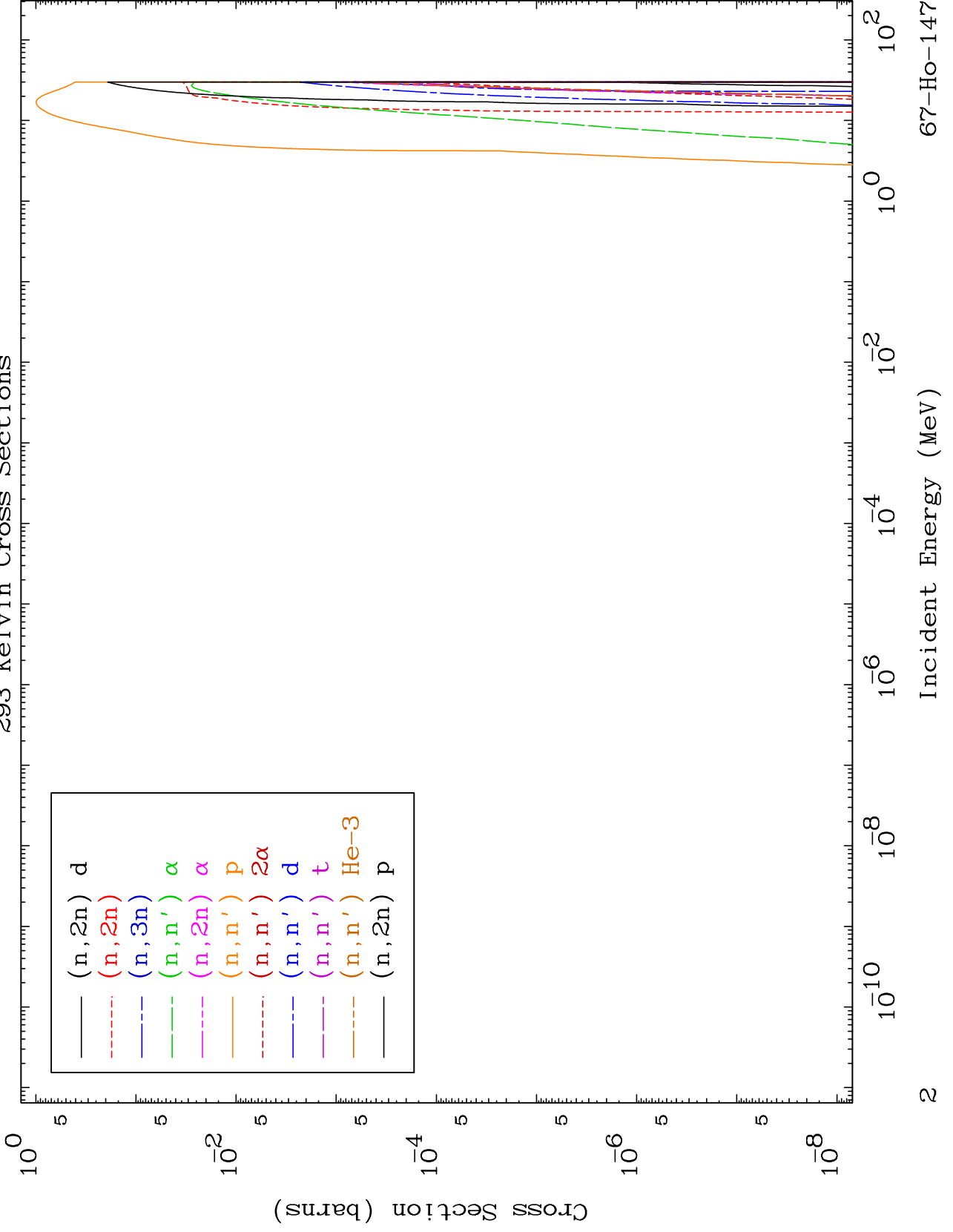
67-Ho-147



MAT 6671

Neutron Absorption  
293 Kelvin Cross Sections

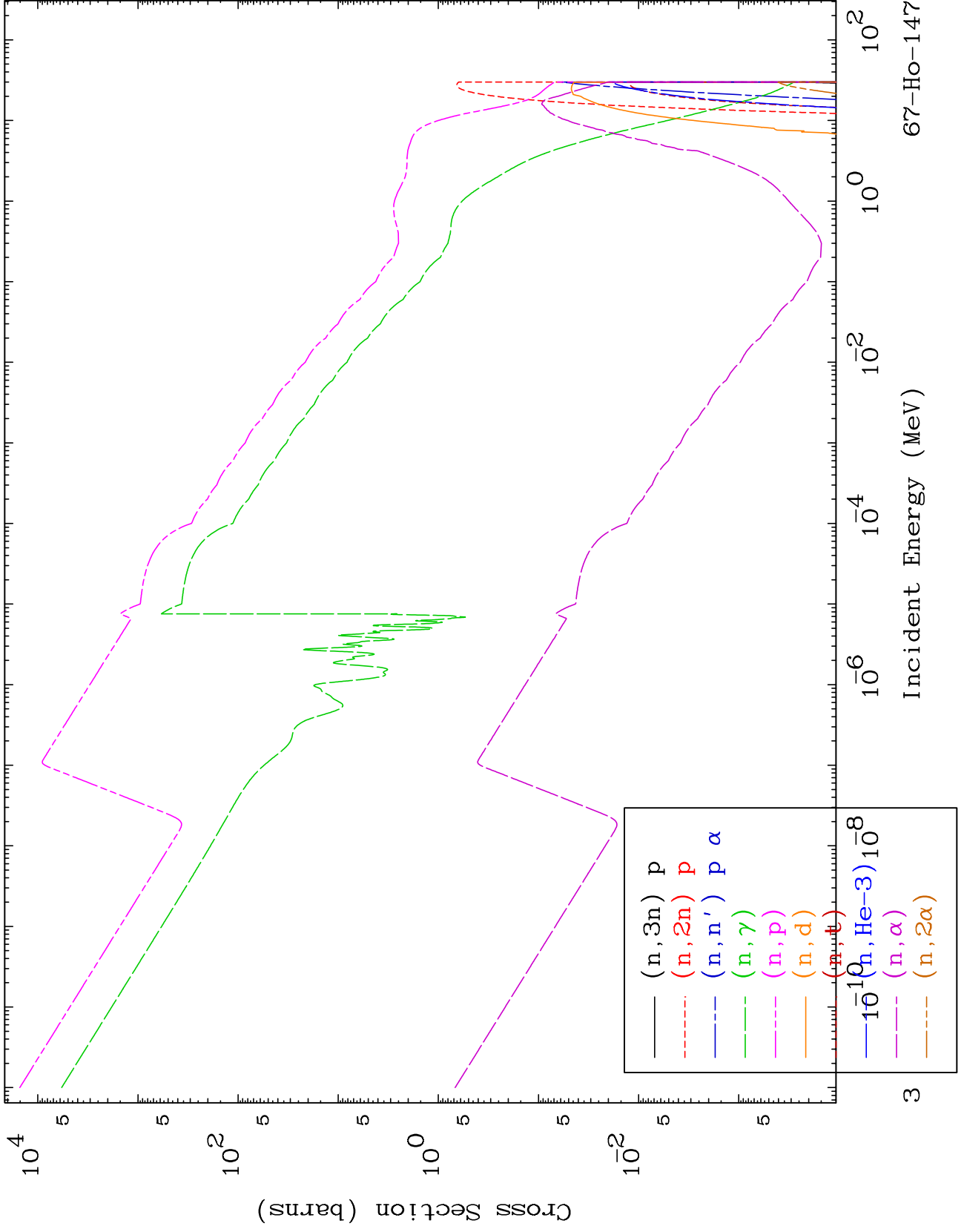
67-Ho-147



MAT 6671

Neutron Absorption  
293 Kelvin Cross Sections

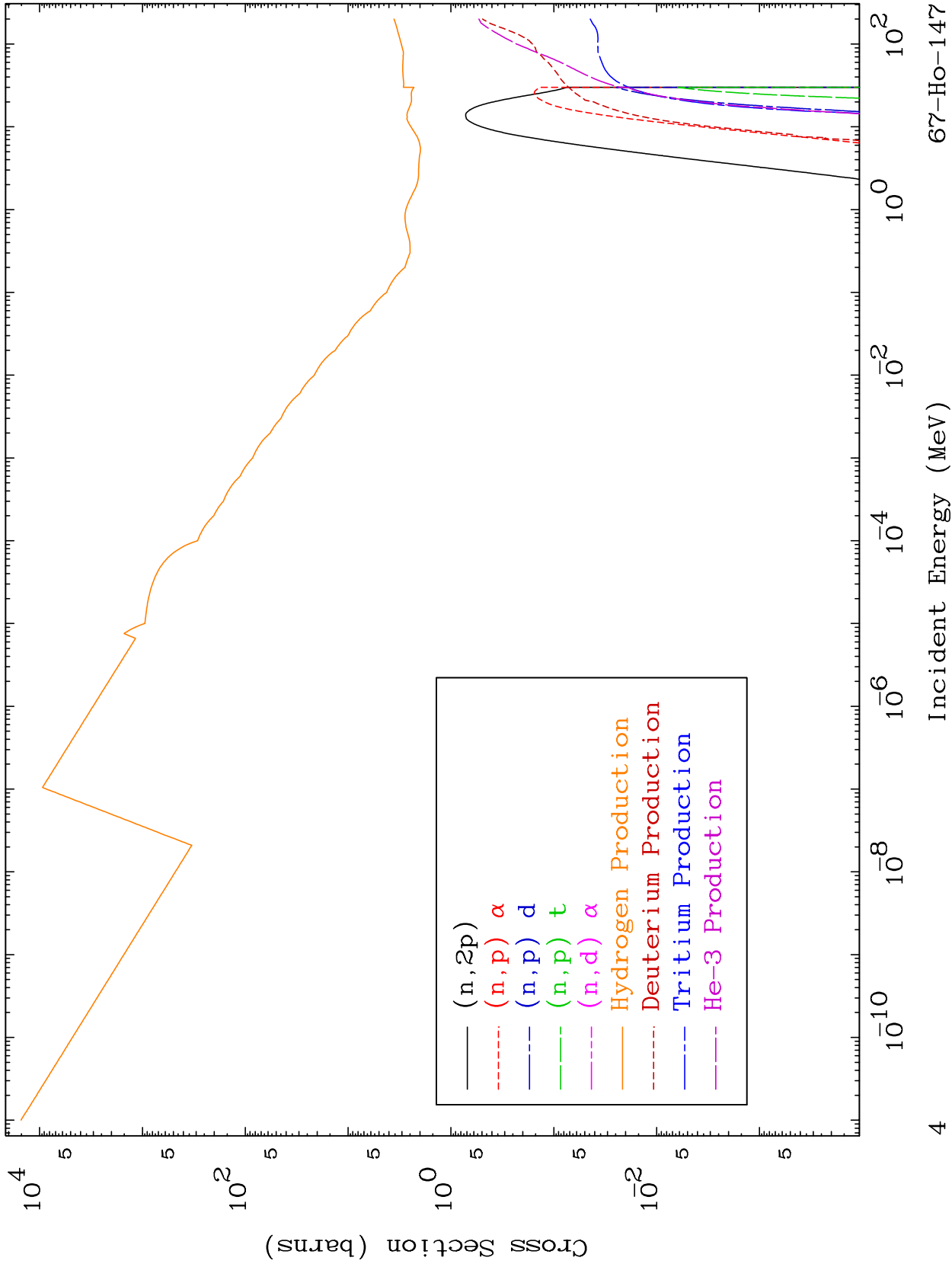
67-Ho-147



MAT 6671

Neutron Absorption  
293 Kelvin Cross Sections

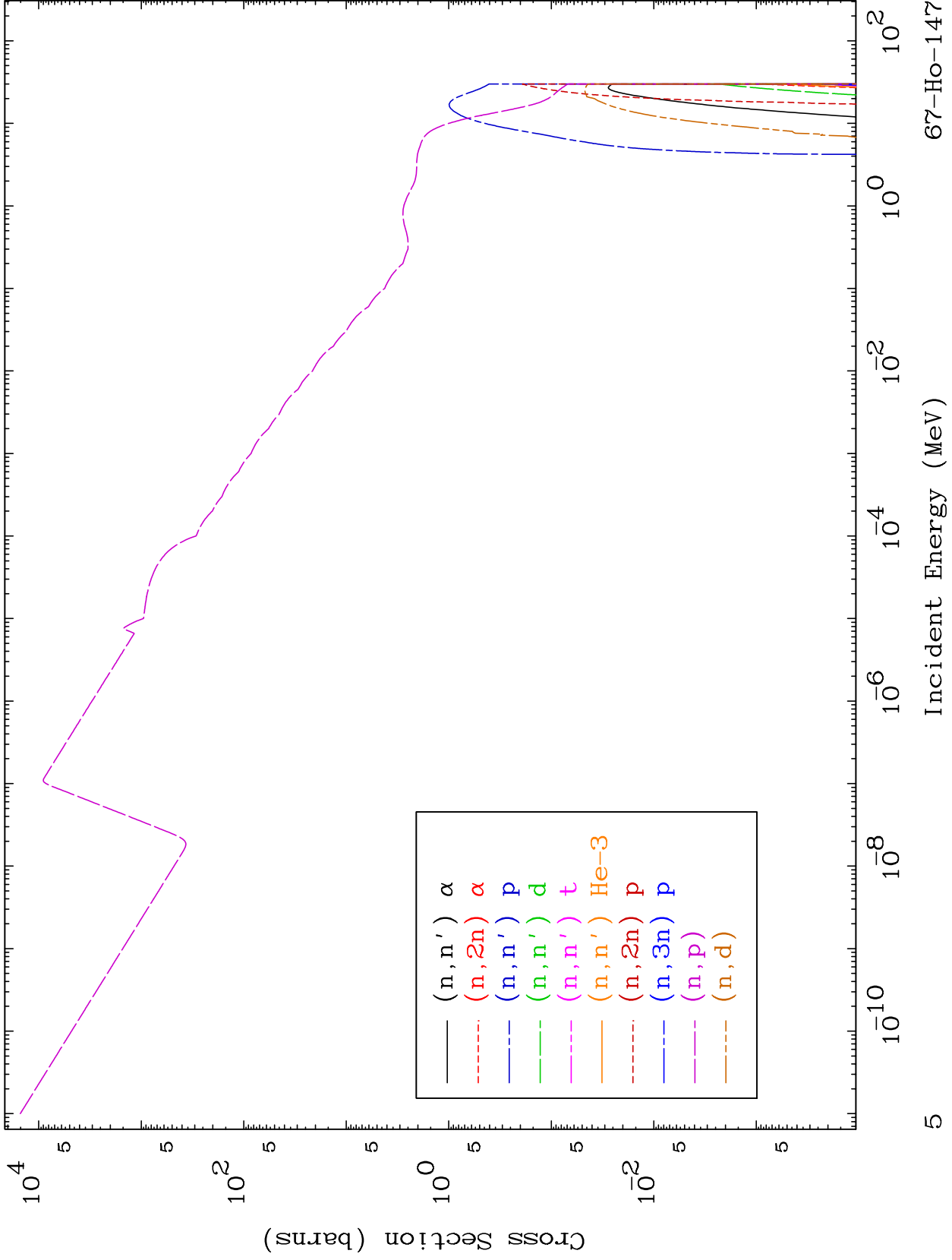
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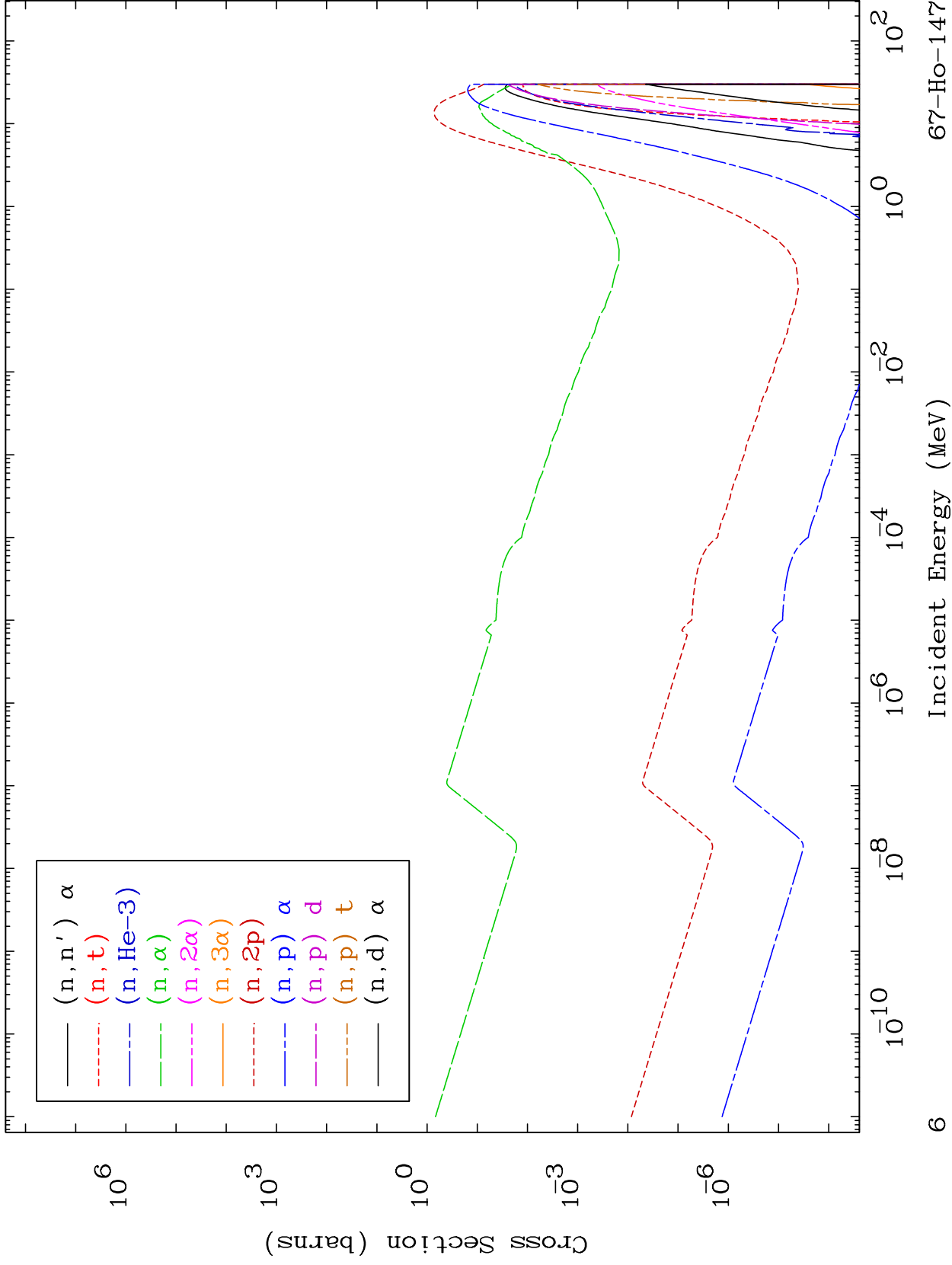


MAT 6671

Charged Particle  
293 Kelvin Cross Sections

67-Ho-147

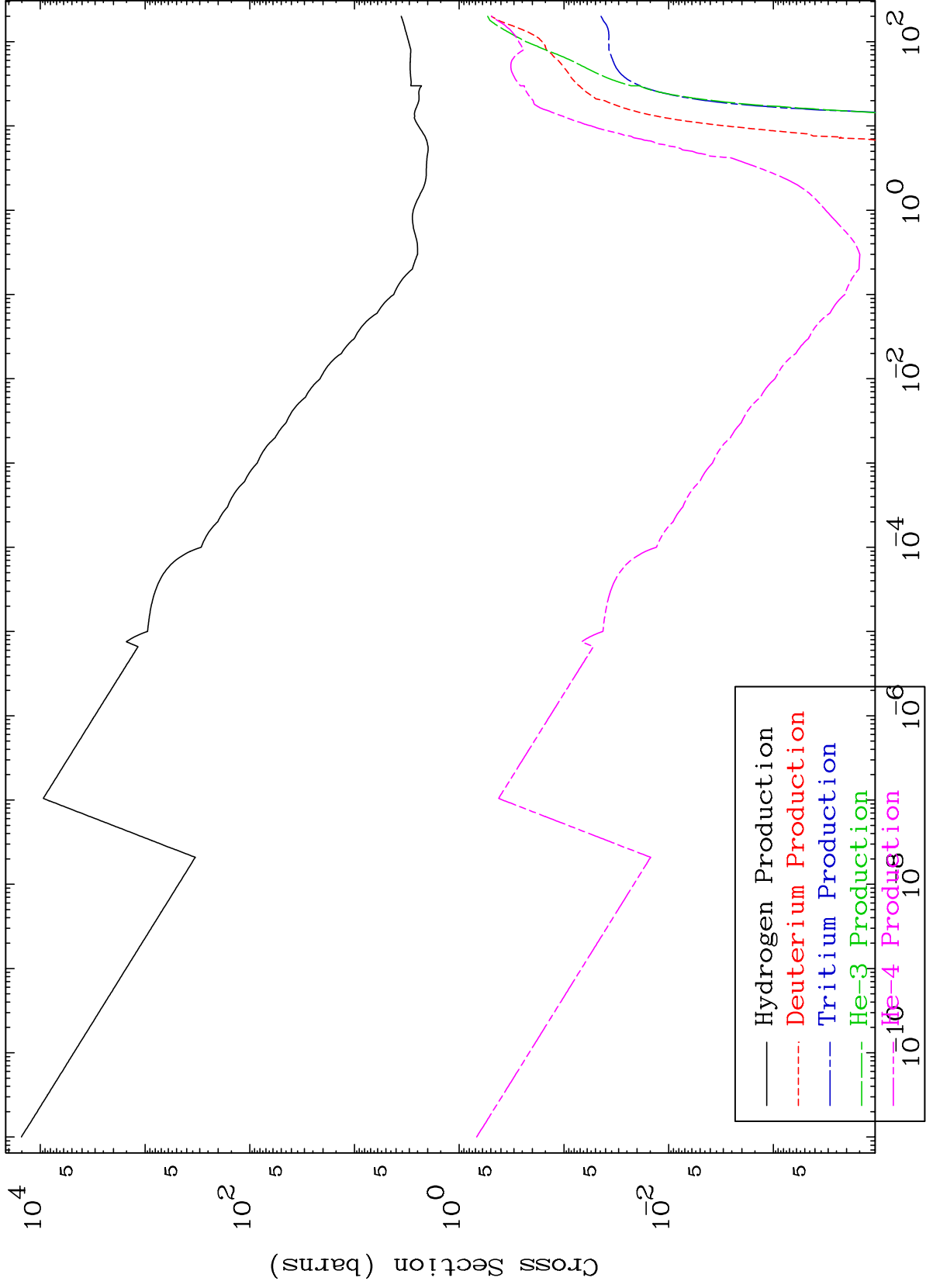




MAT 6671

Particle Production  
293 Kelvin Cross Sections

67-Ho-147

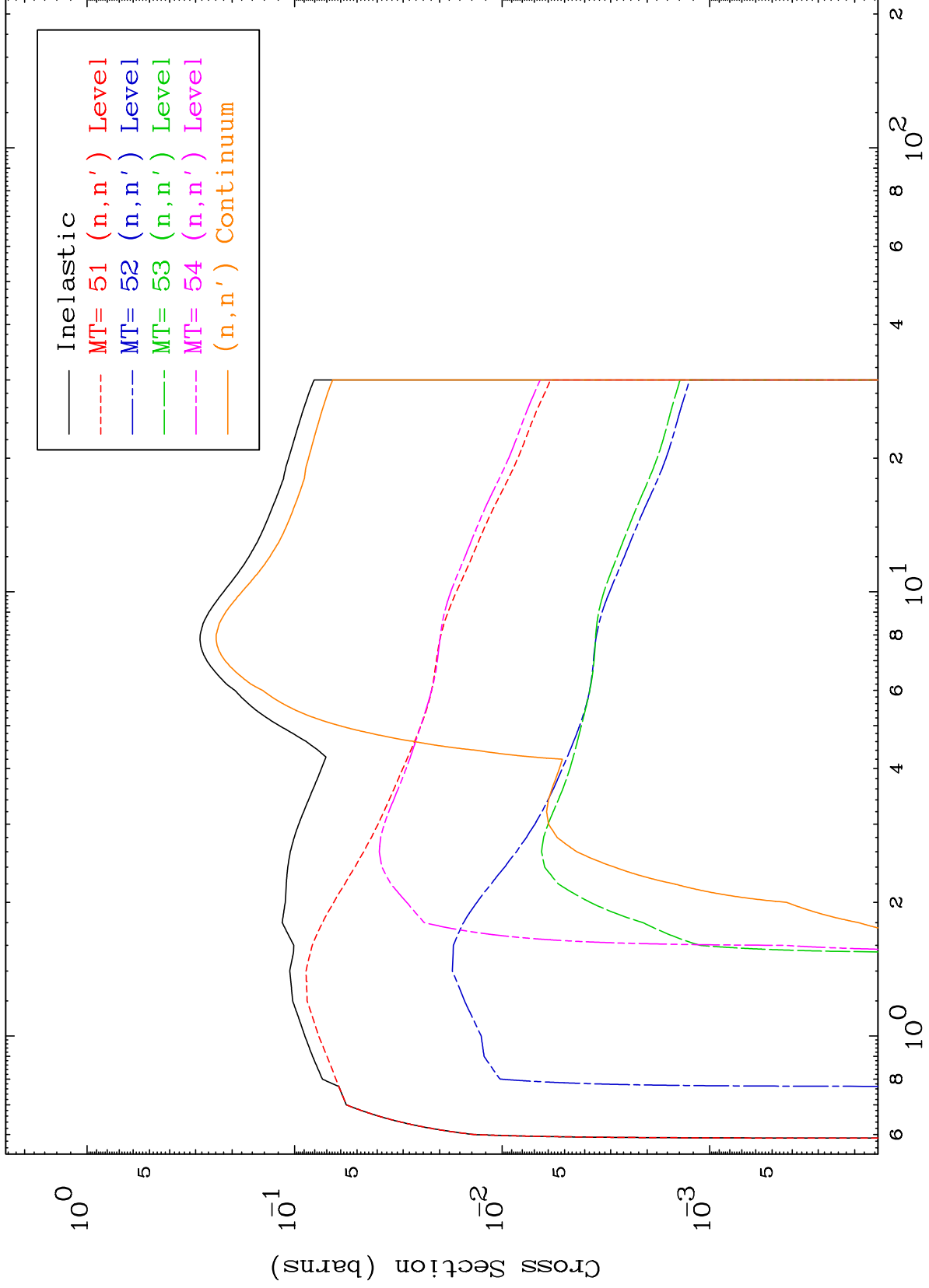


7

Incident Energy (MeV)

67-Ho-147

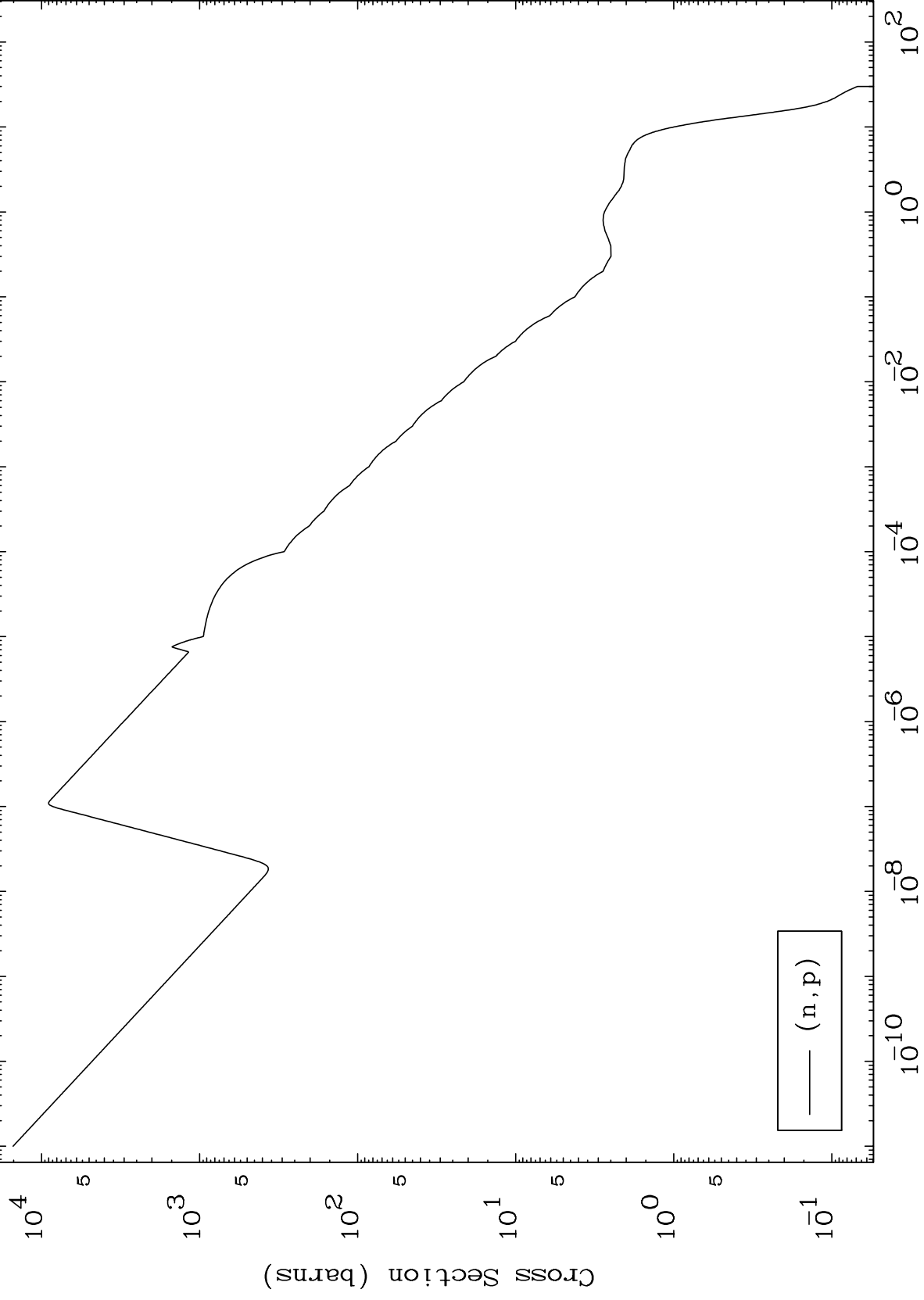
293 Kelvin Cross Sections



MAT 6671

(n,p) Levels  
293 Kelvin Cross Sections

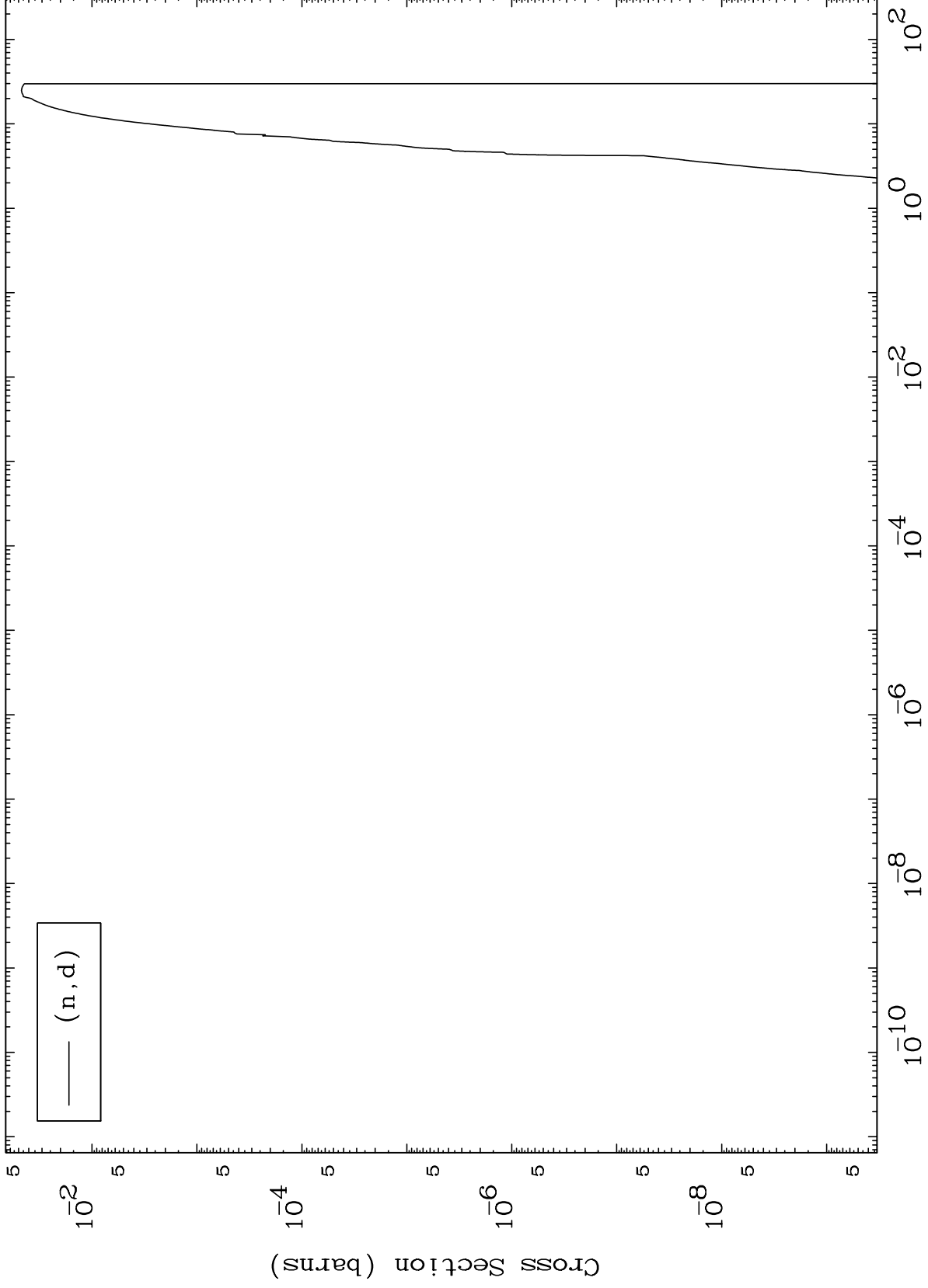
67-Ho-147



MAT 6671

(n,d) Levels  
293 Kelvin Cross Sections

67-Ho-147



10

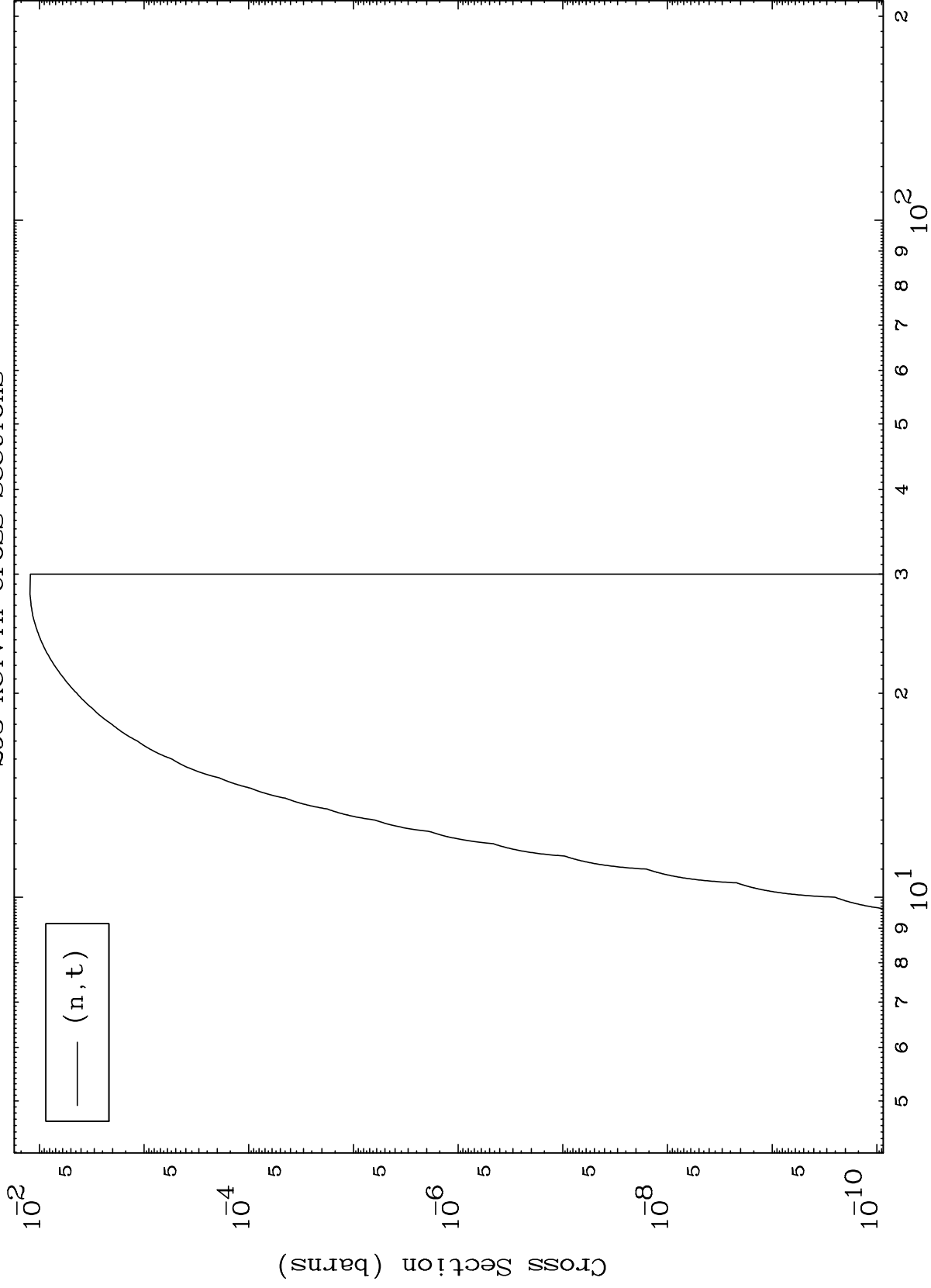
Incident Energy (MeV)

67-Ho-147

MAT 6671

(n,t) Levels  
293 Kelvin Cross Sections

67-Ho-147



11

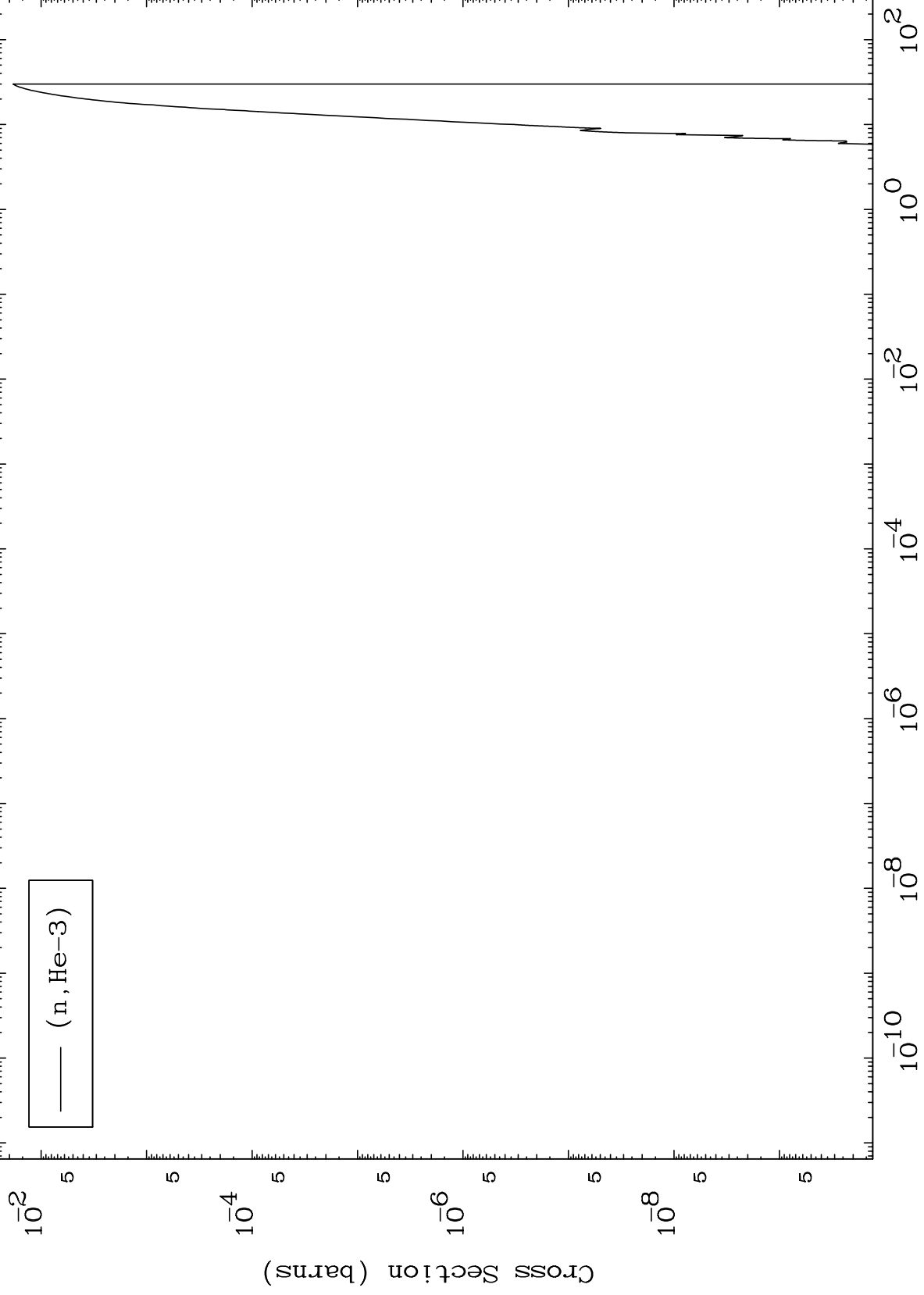
Incident Energy (MeV)

67-Ho-147

MAT 6671

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-147



12

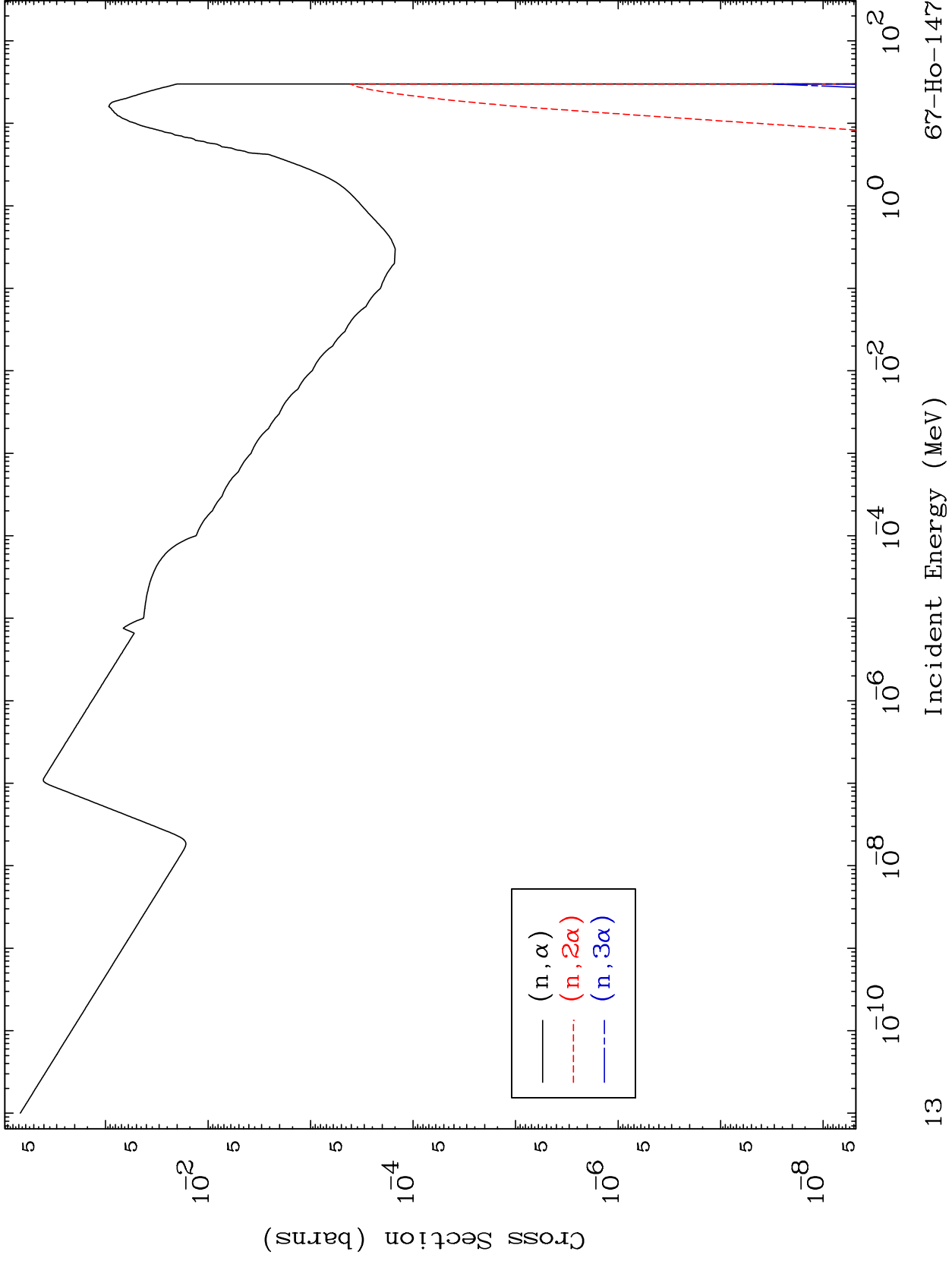
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

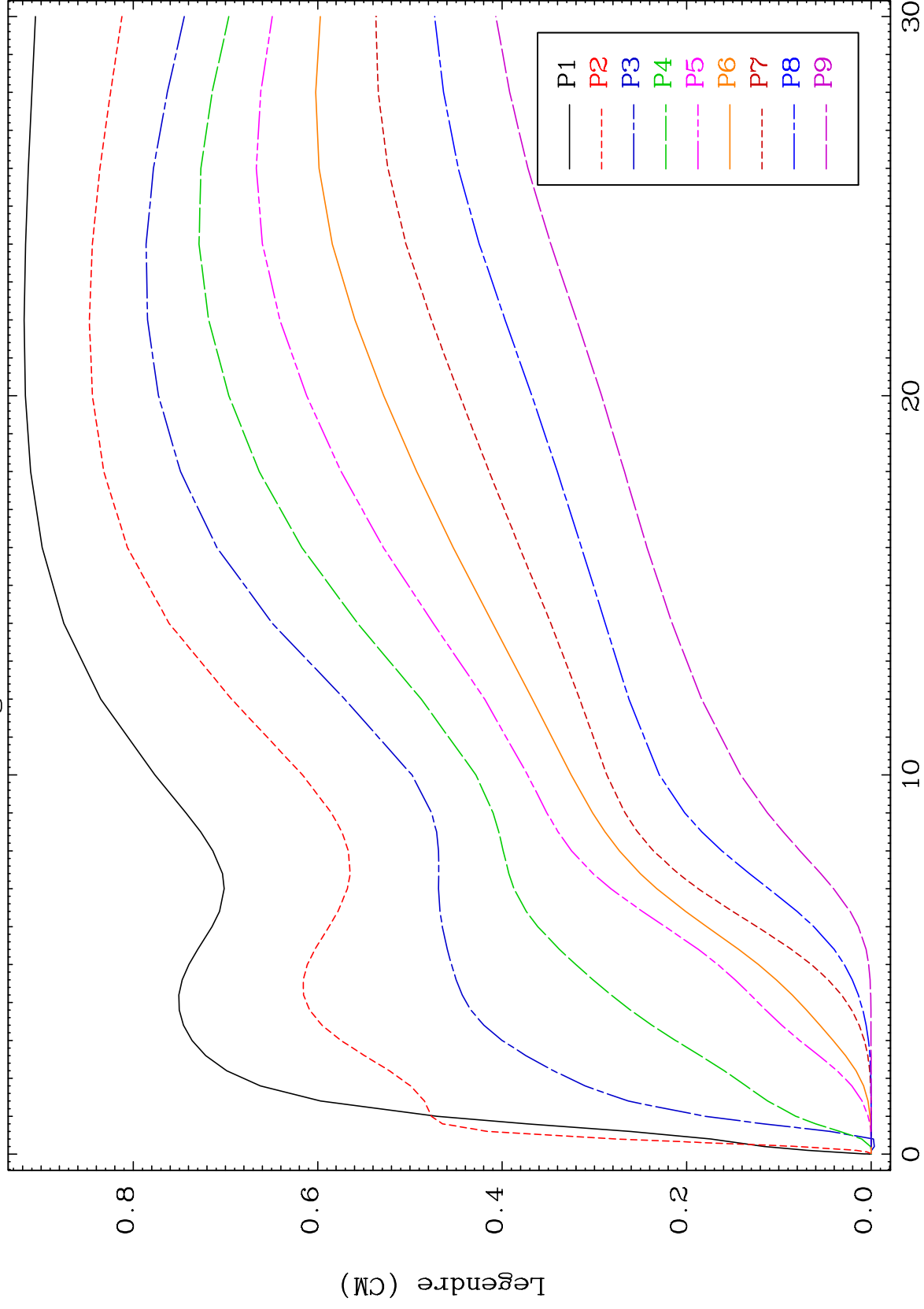
67-Ho-147



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Elastic Legendre Coefficients

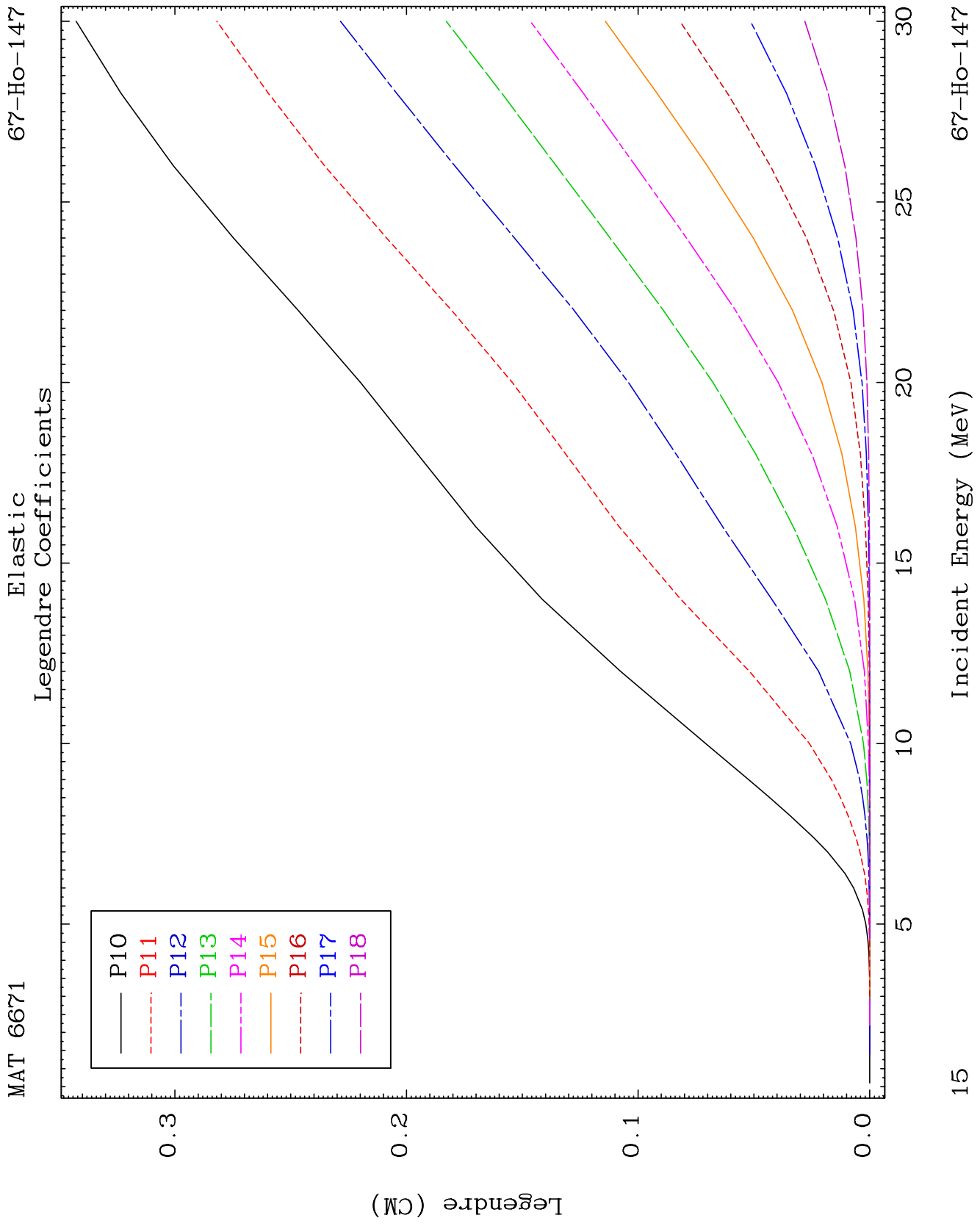
67-Ho-147



14

Incident Energy (MeV)

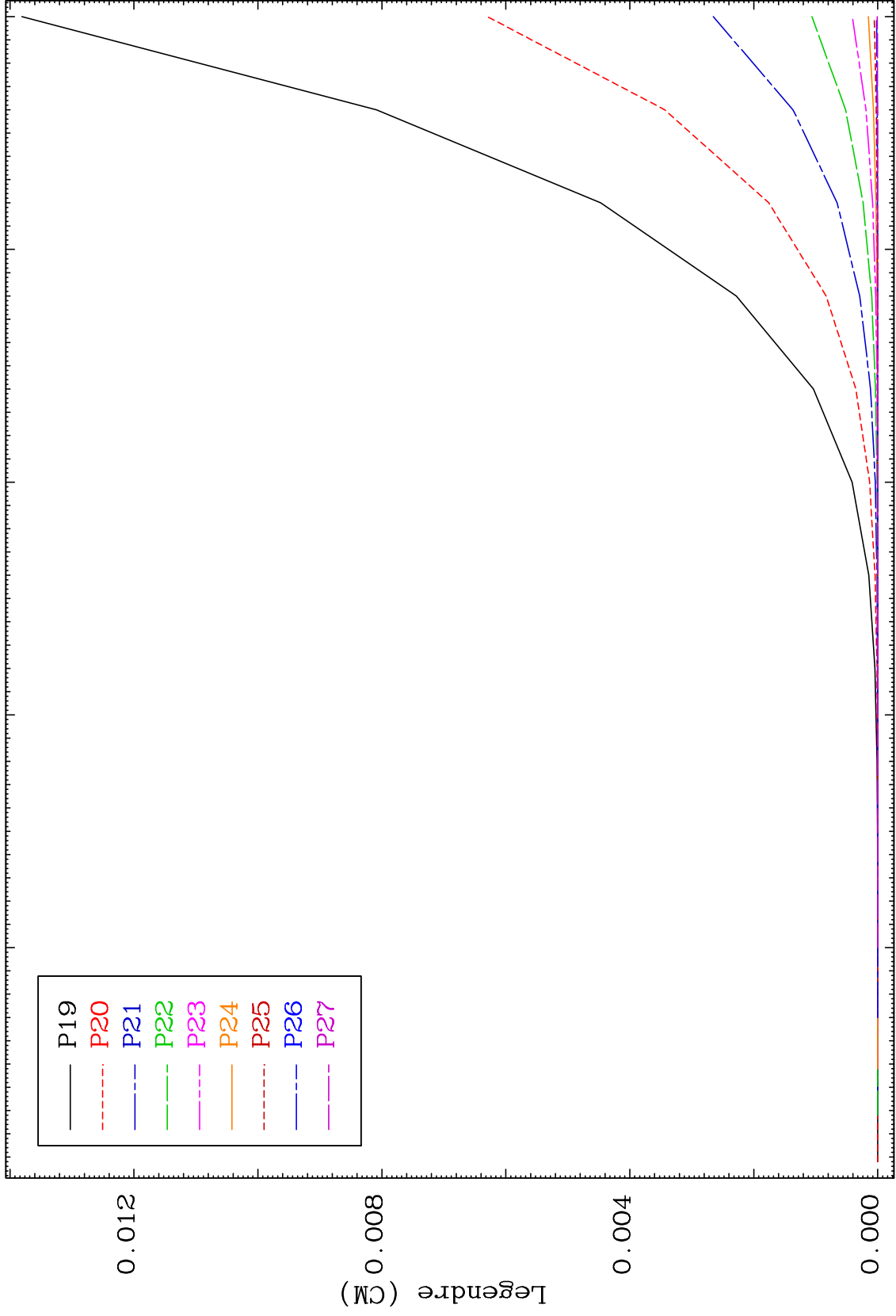
67-Ho-147



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### Elastic Legendre Coefficients

67-Ho-147



16

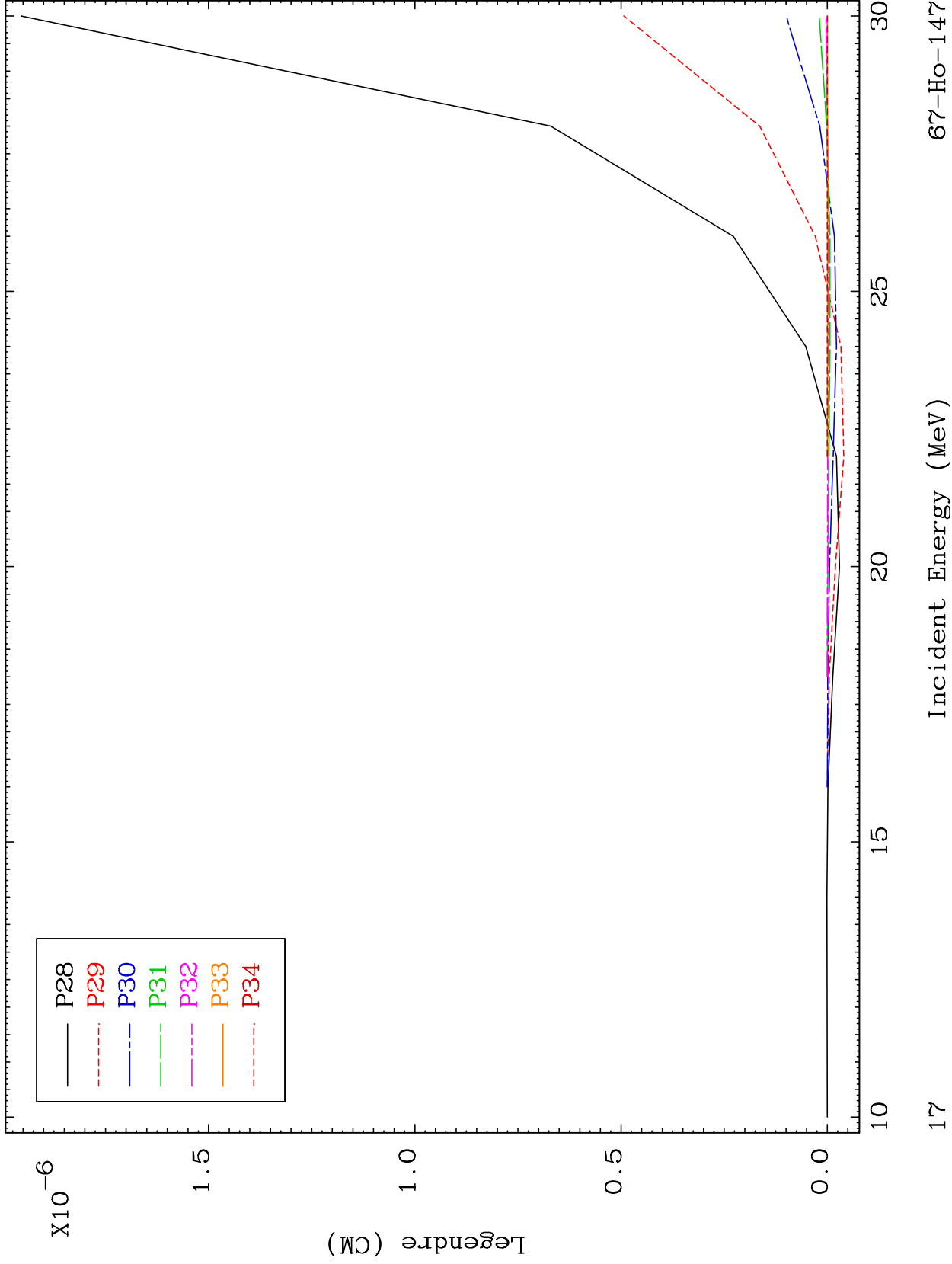
Incident Energy (MeV)

67-Ho-147

MAT 6671

Elastic Legendre Coefficients

67-Ho-147



17

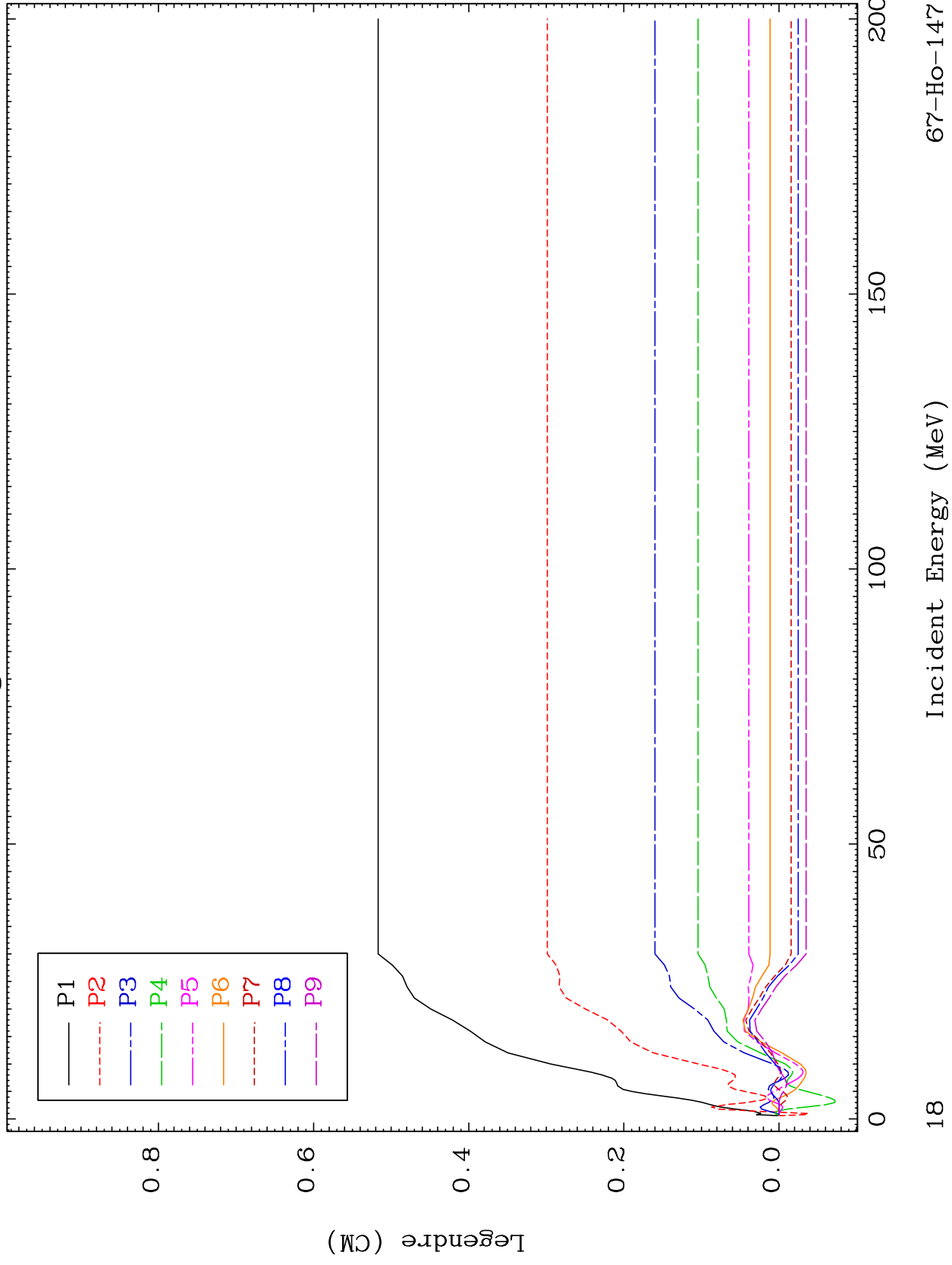
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



67-Ho-147

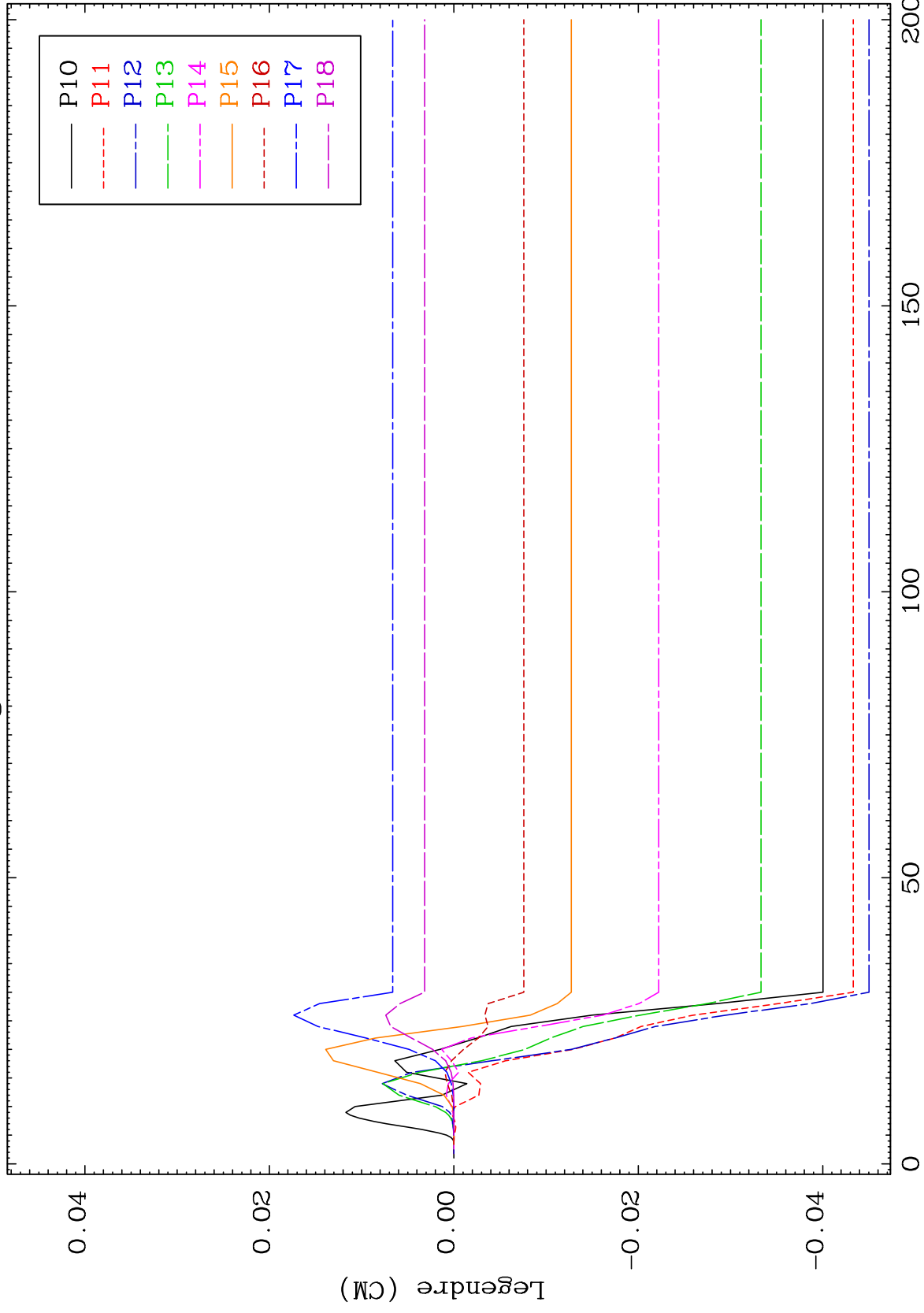
Incident Energy (MeV)

18

MAT 6671

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

67-Ho-147



19

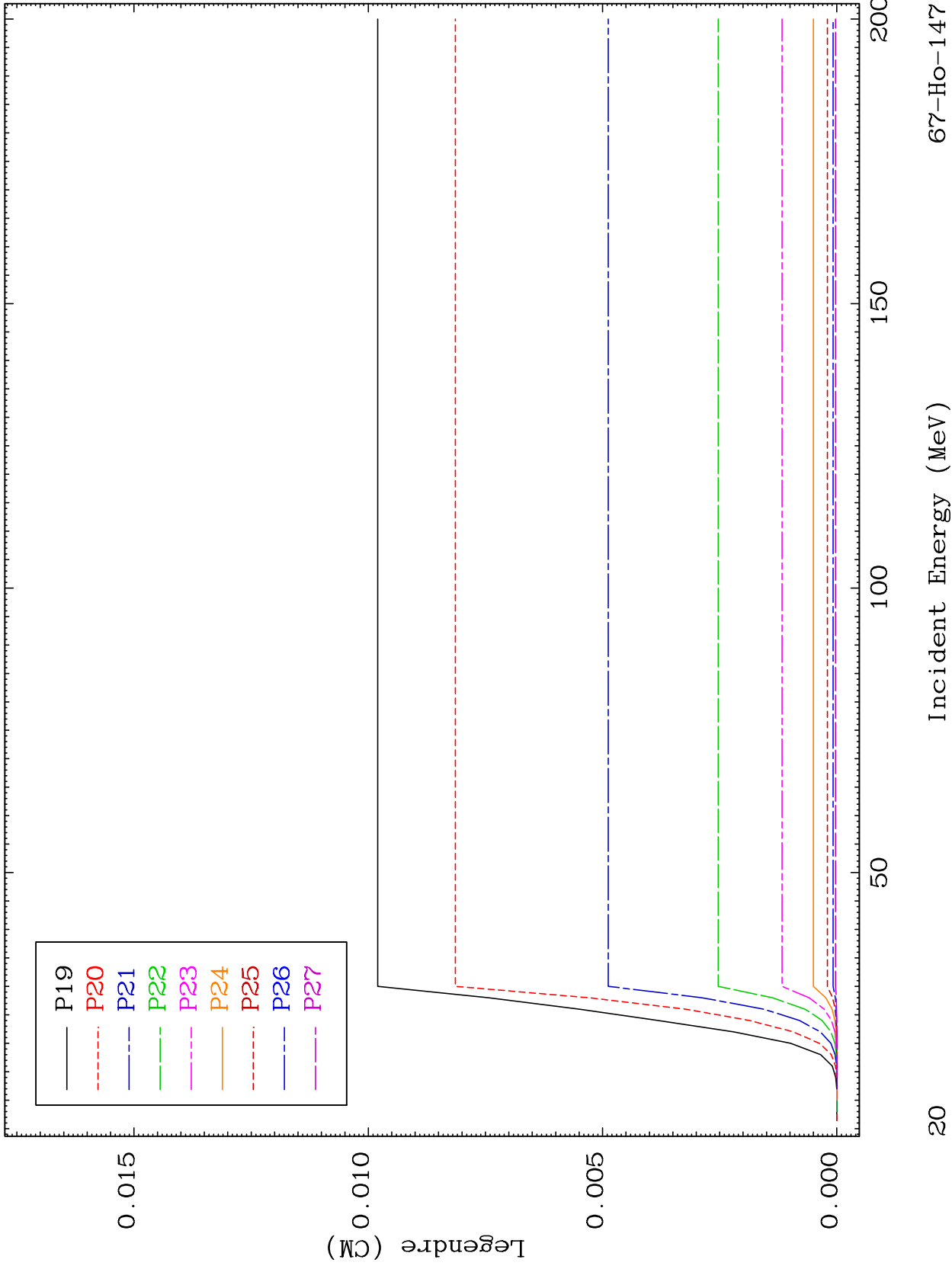
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



67-Ho-147

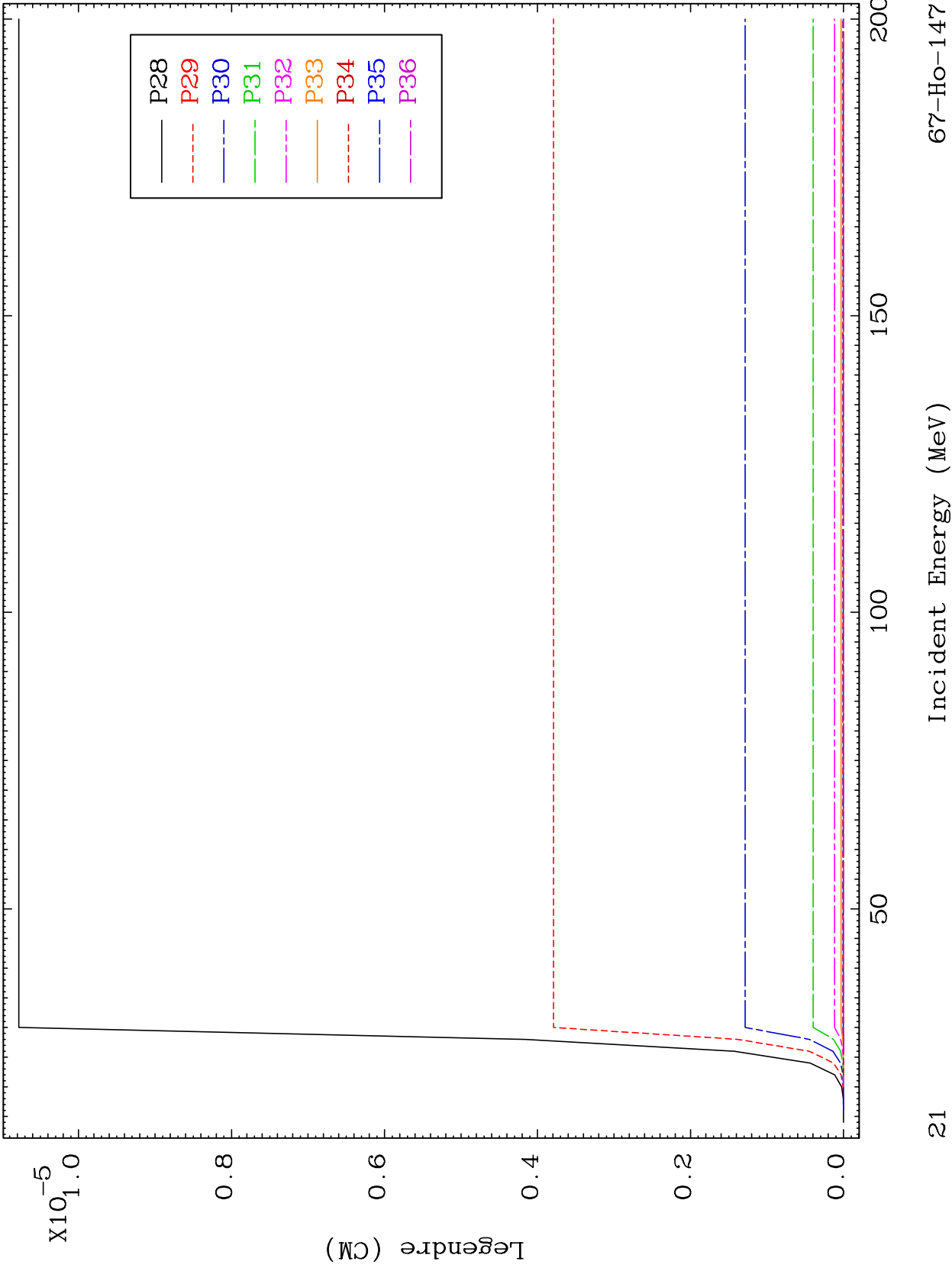
Incident Energy (MeV)

20

MAT 6671

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

67-Ho-147



21

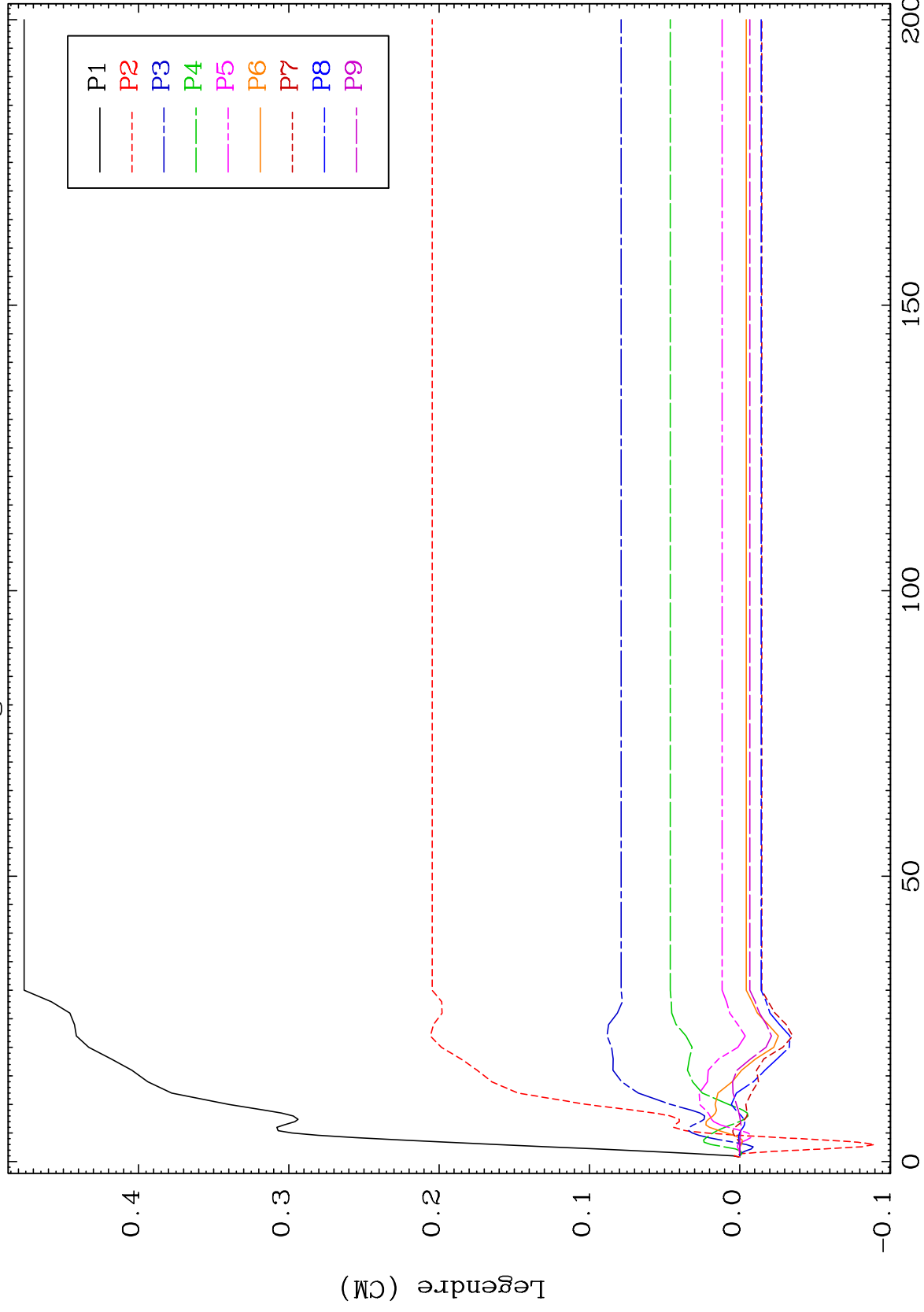
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

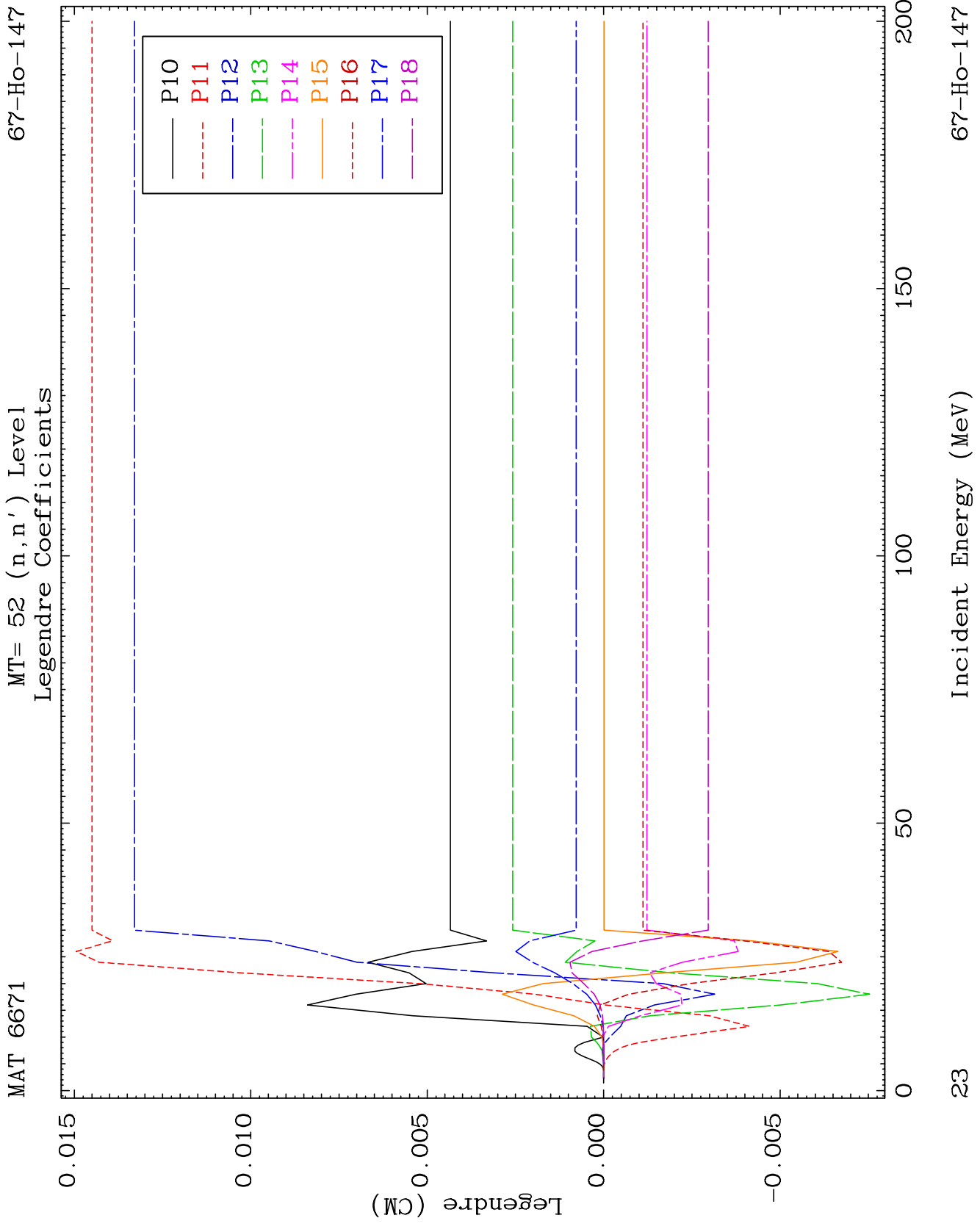
67-Ho-147



22

67-Ho-147

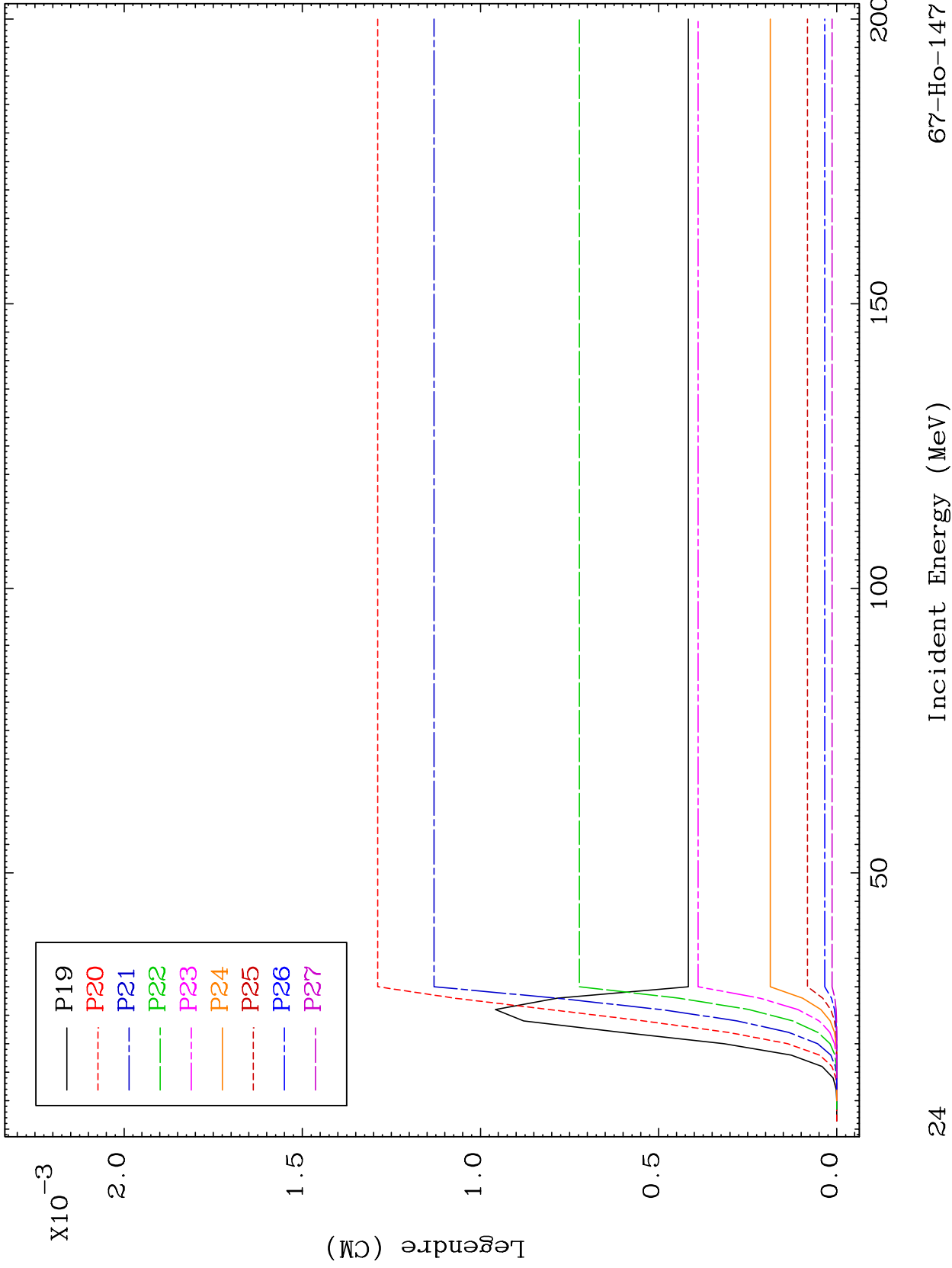
67-Ho-147



MAT 6671

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

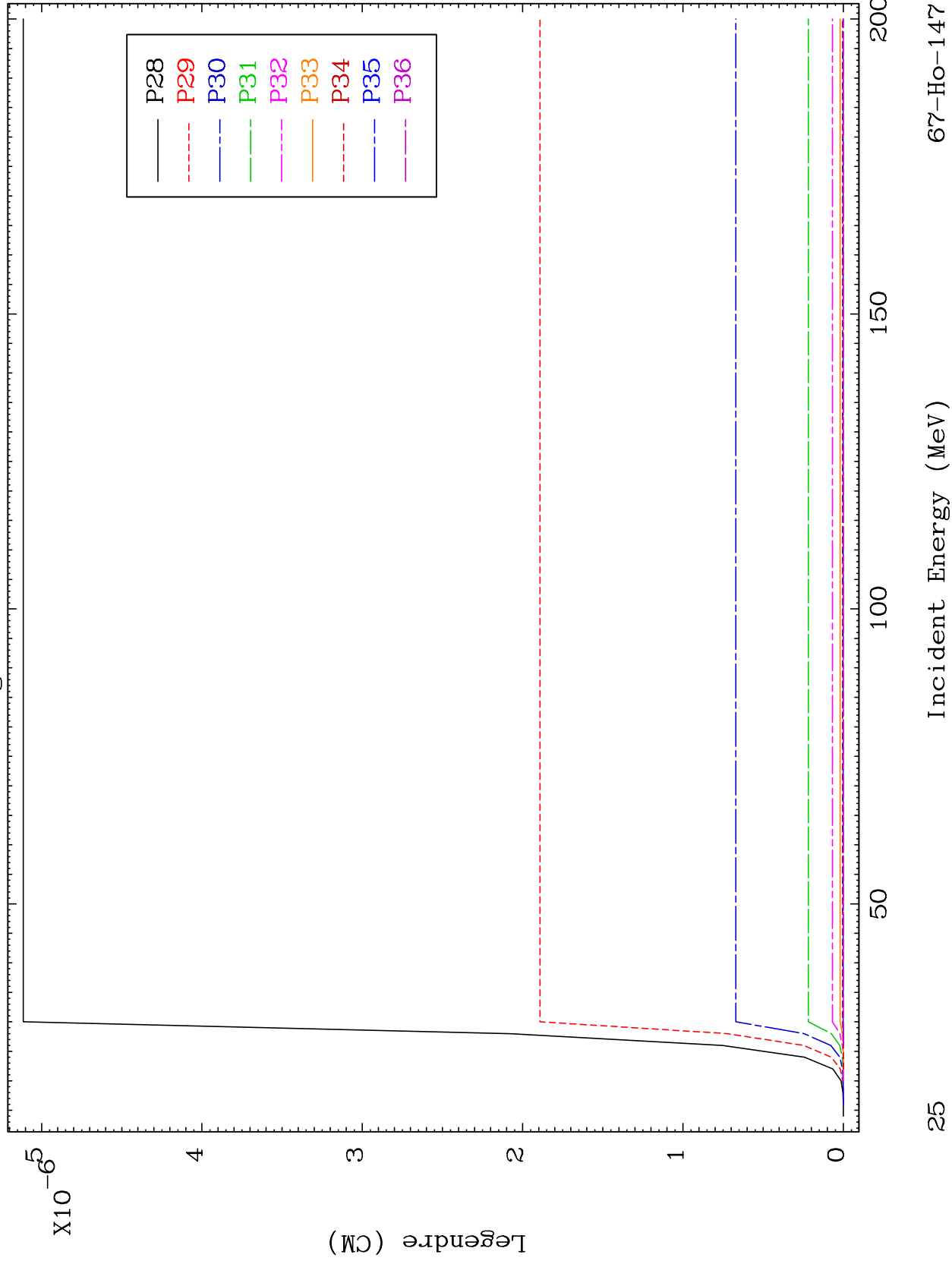
67-Ho-147



MAT 6671

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

67-Ho-147



25

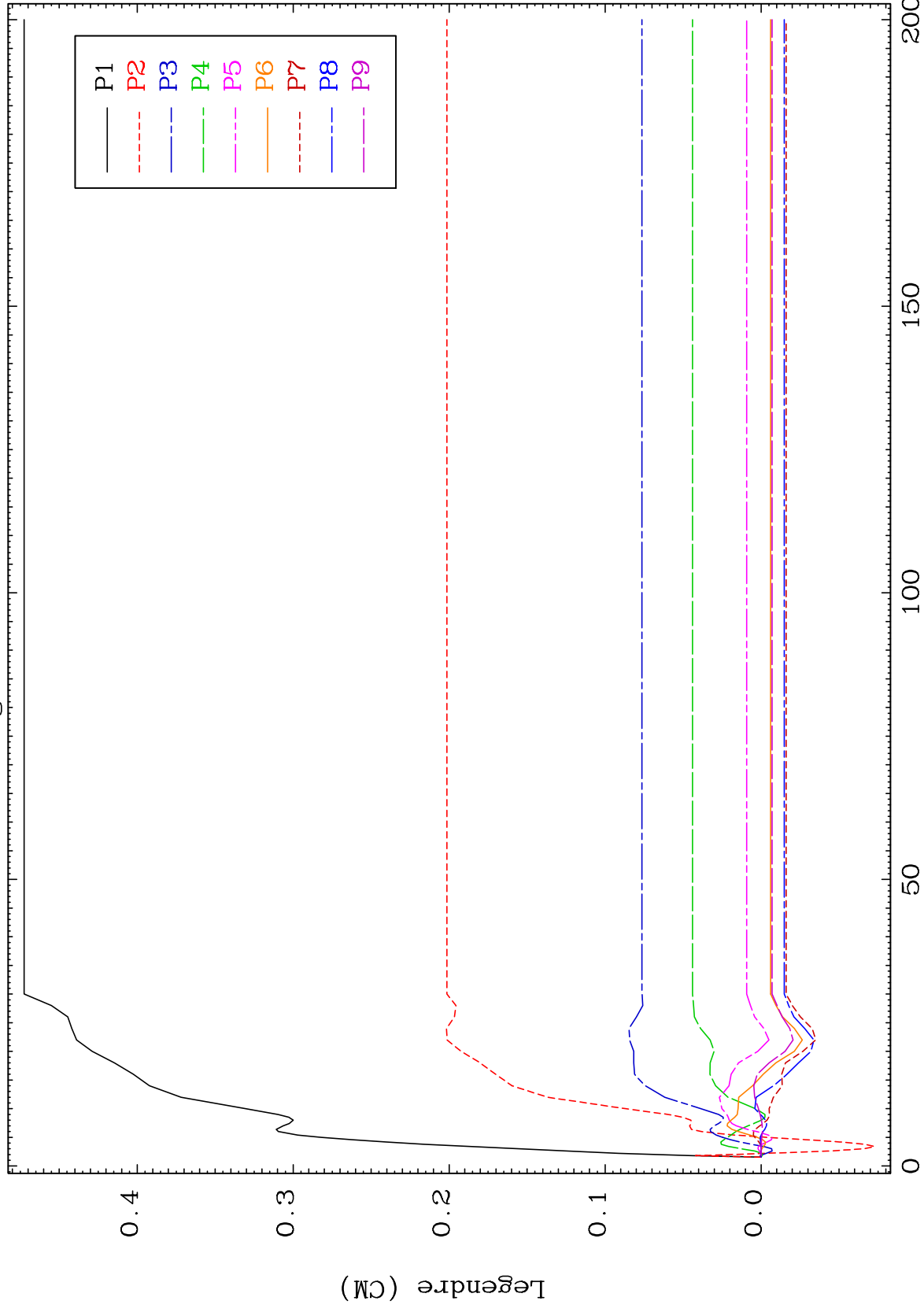
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



26

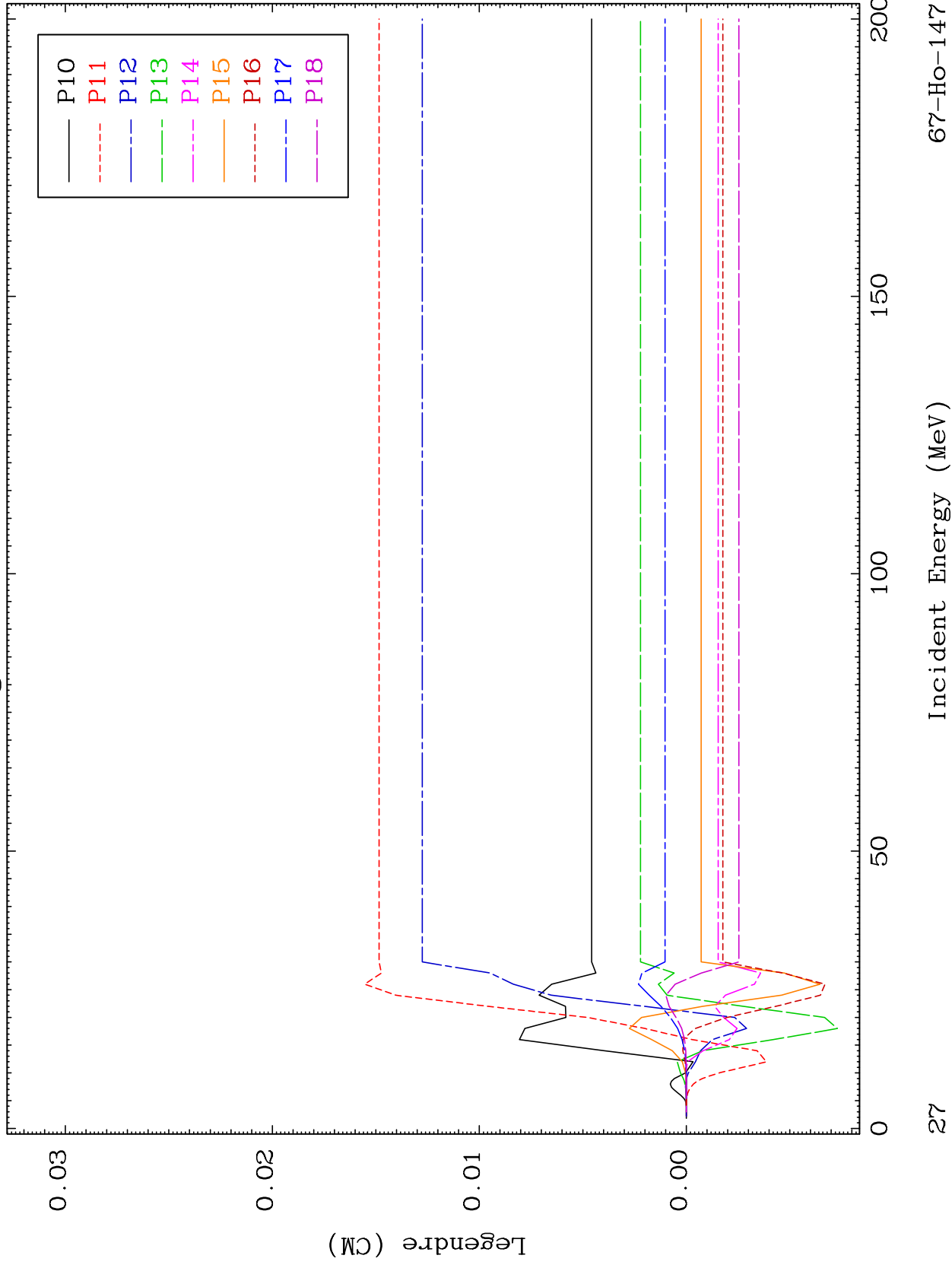
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

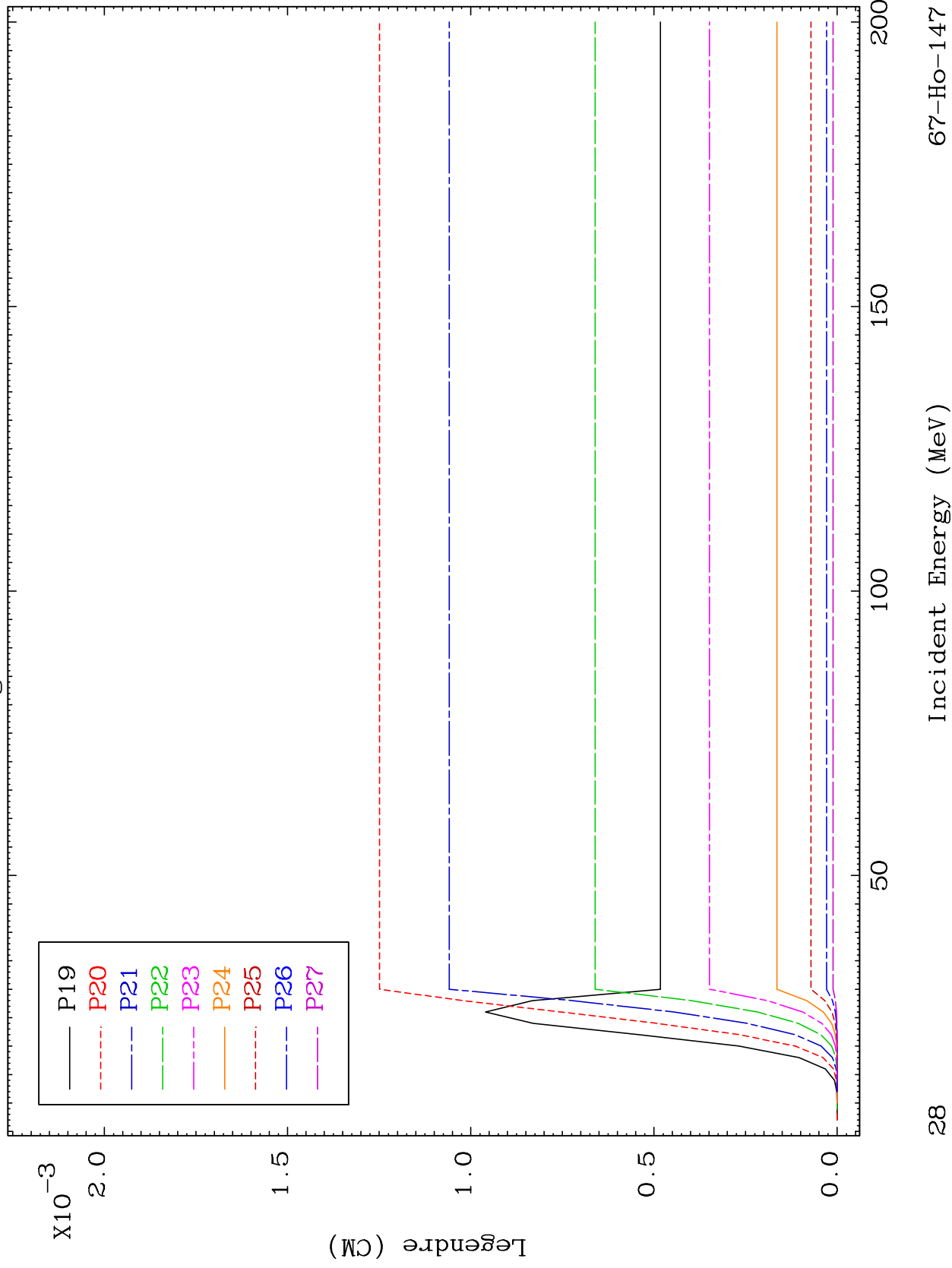
67-Ho-147



67-Ho-147

Incident Energy (MeV)

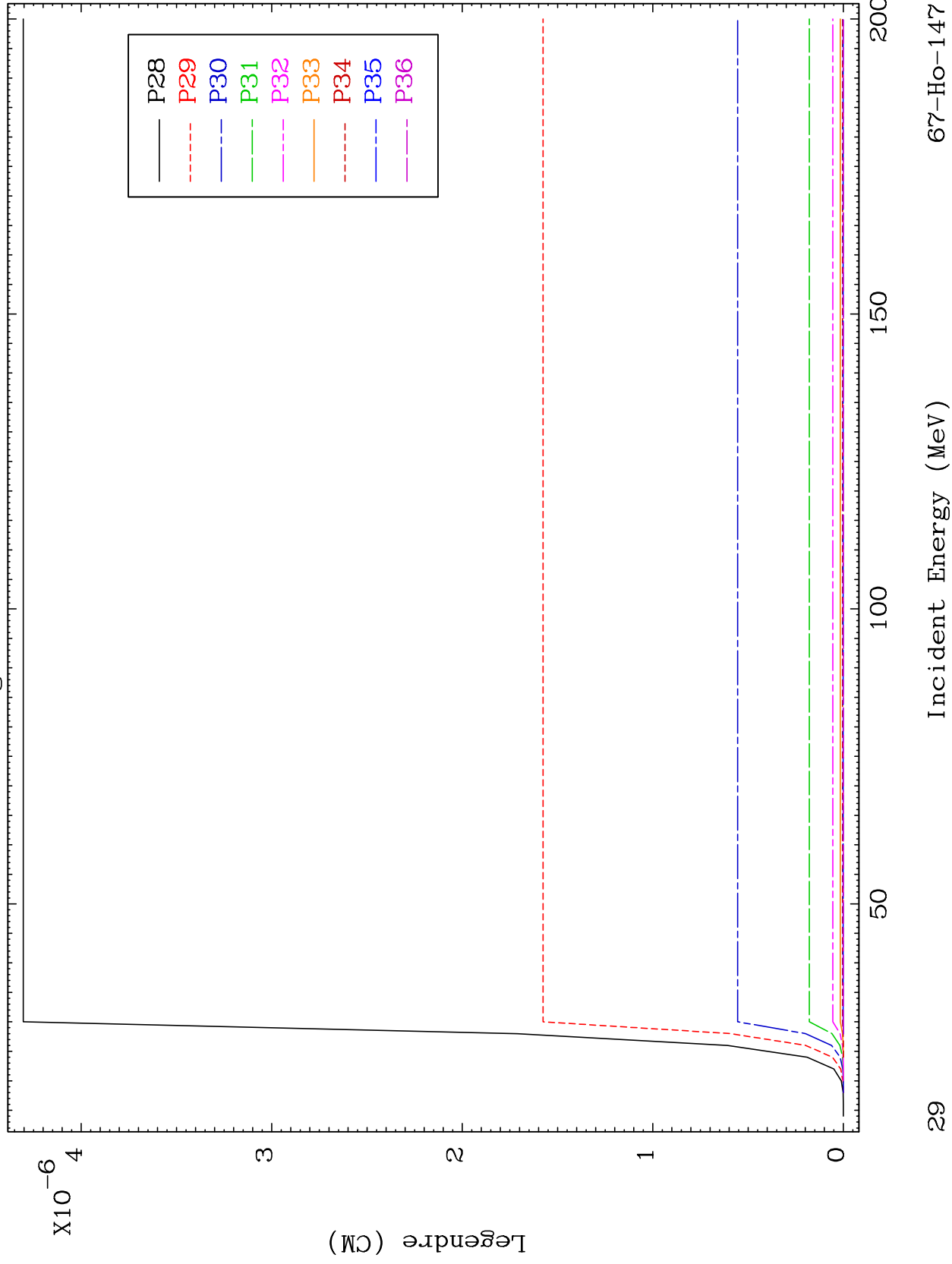
27



MAT 6671

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

67-Ho-147



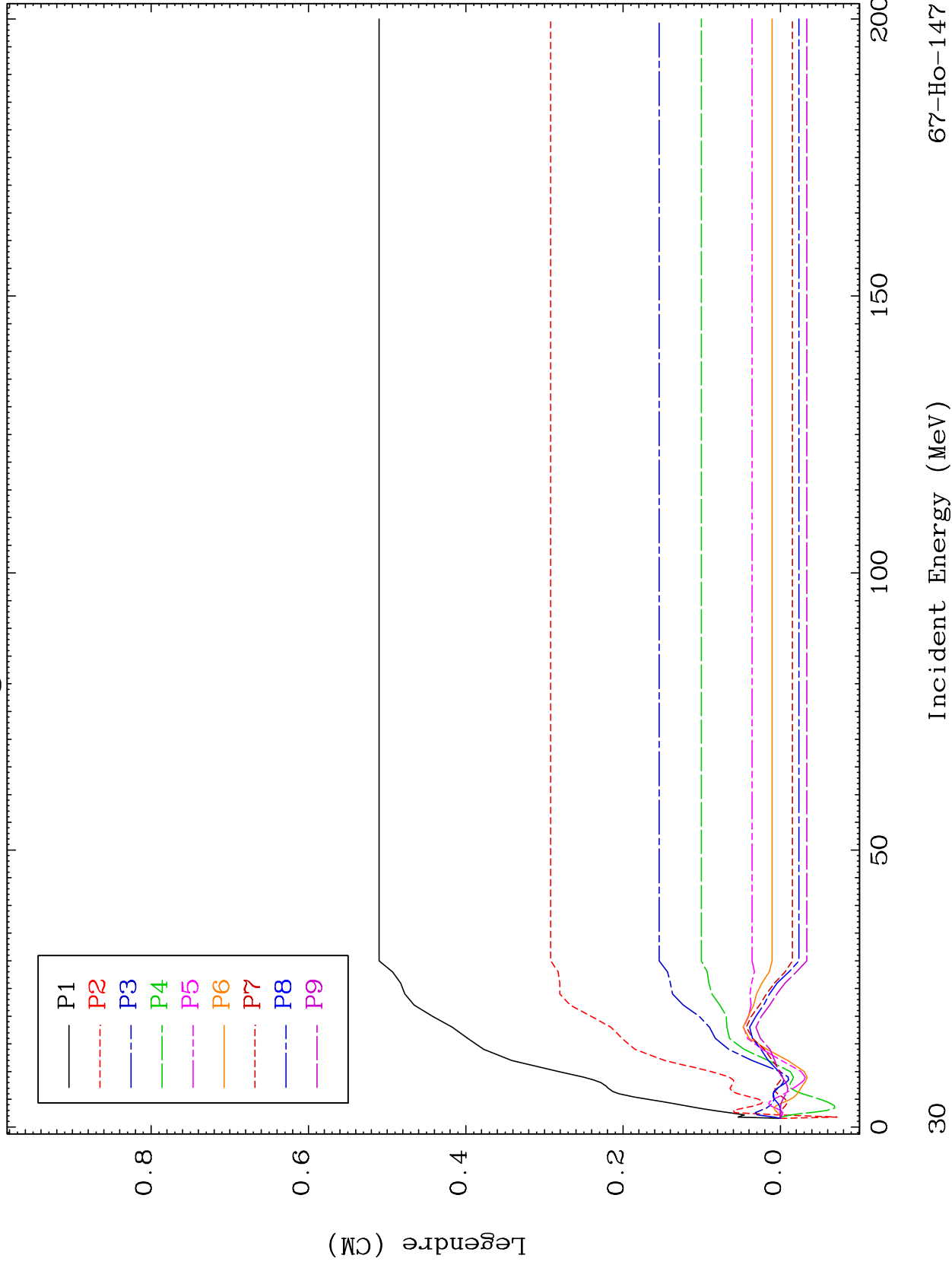
29

67-Ho-147

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

67-Ho-147



67-Ho-147

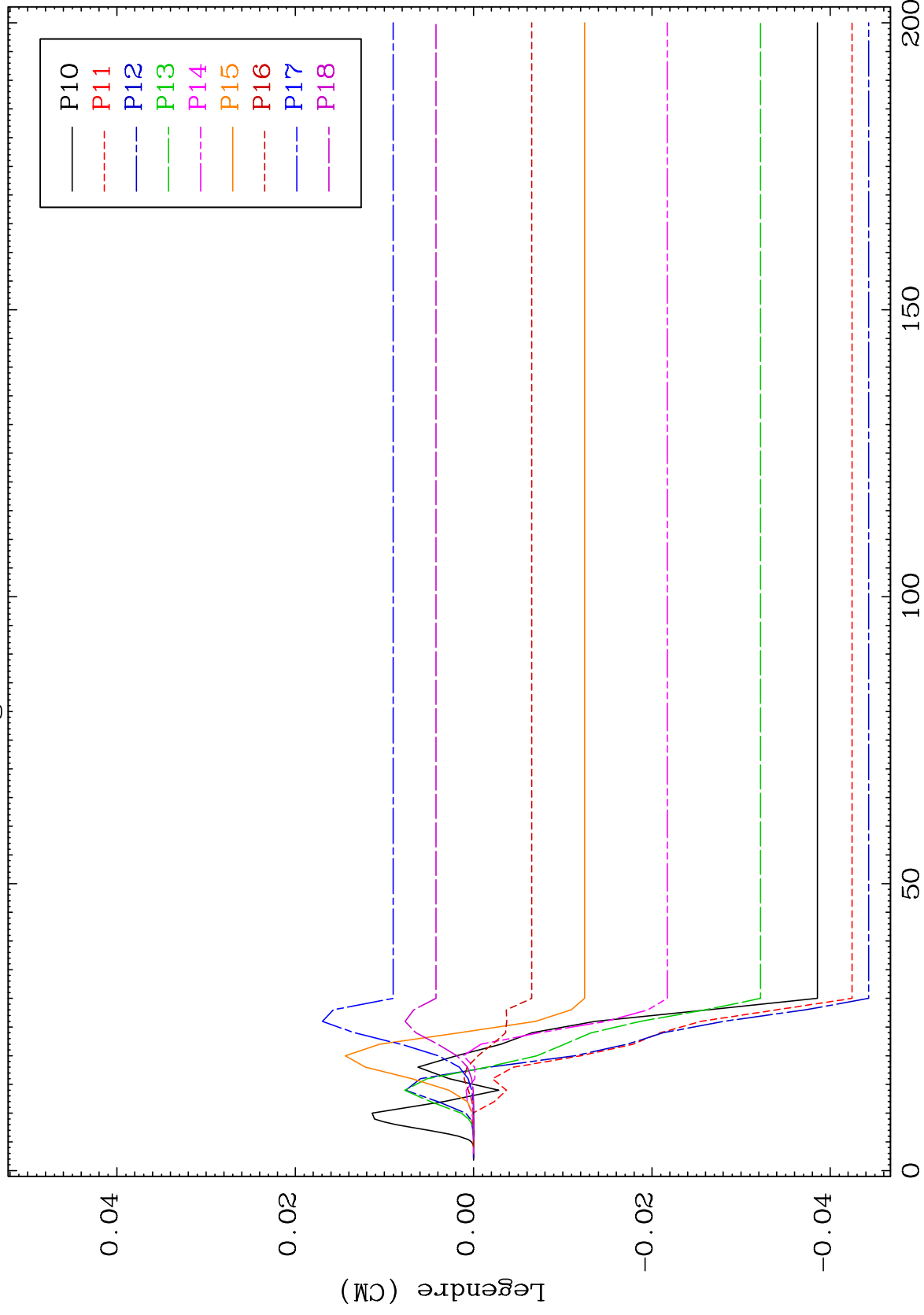
Incident Energy (MeV)

30

MAT 6671

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

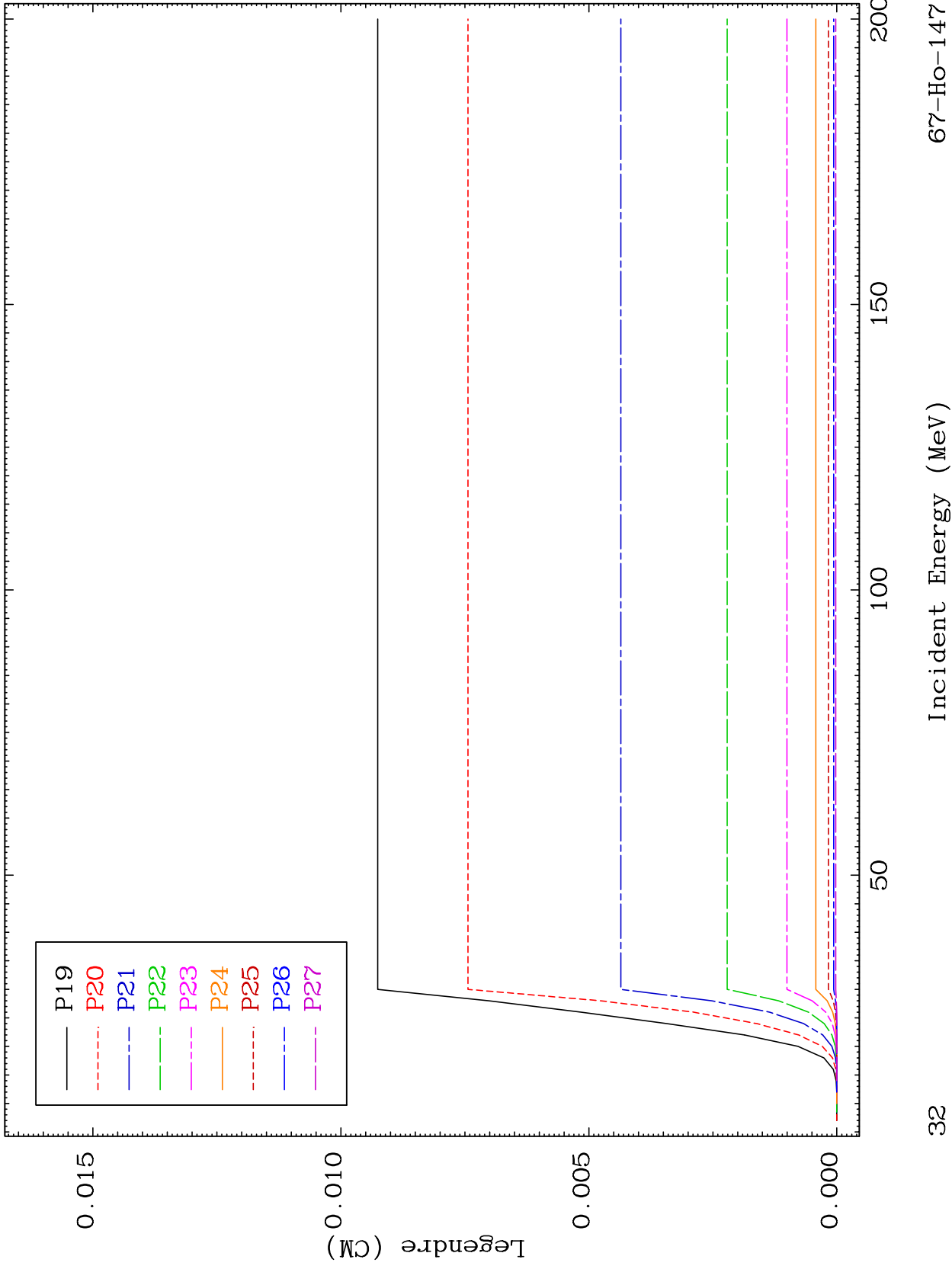
67-Ho-147



31

Incident Energy (MeV)

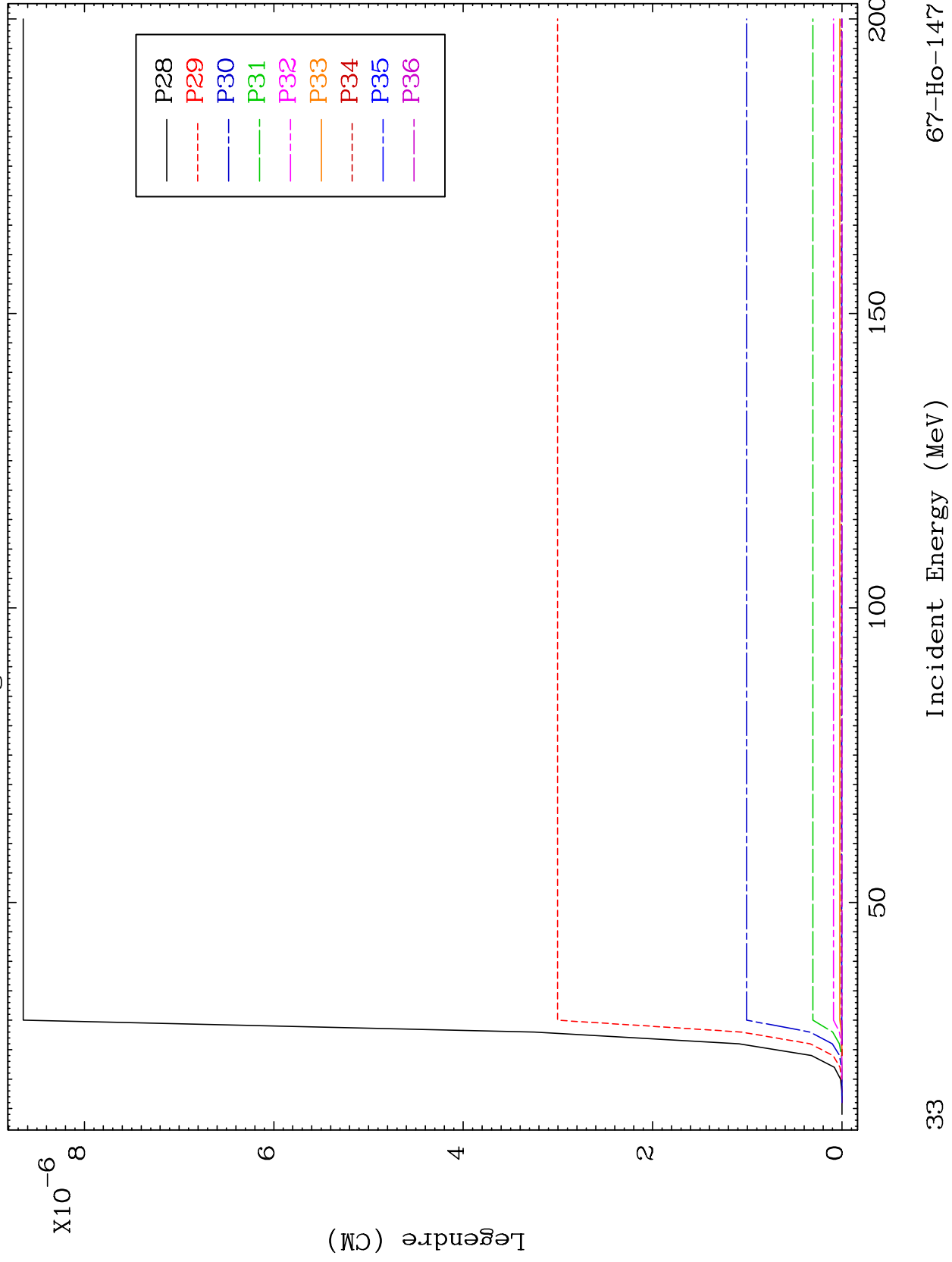
67-Ho-147



MAT 6671

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

67-Ho-147

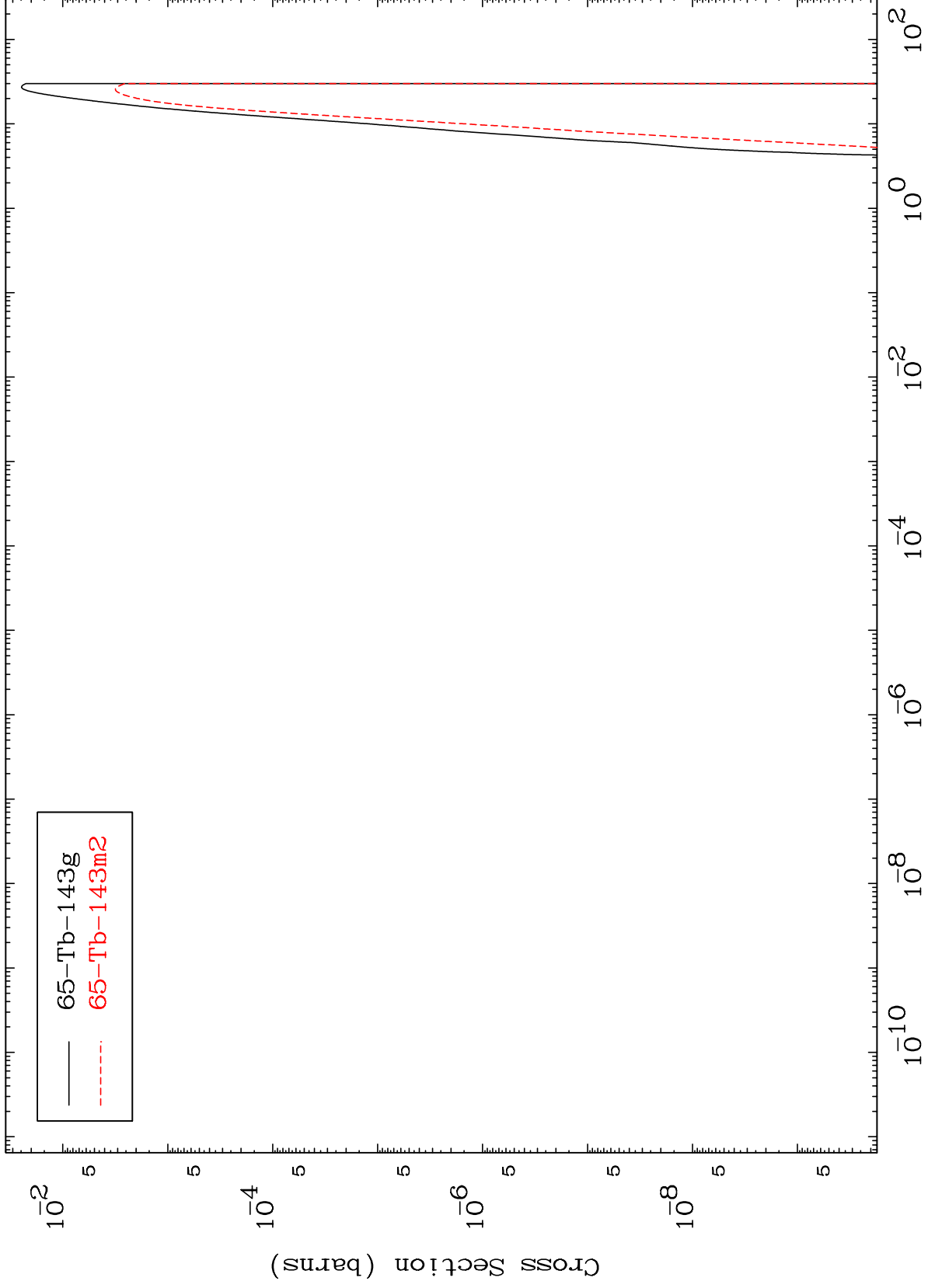


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$(n, n') \alpha$

$^{67}\text{Ho-147}$

Radionuclide Production Cross Section

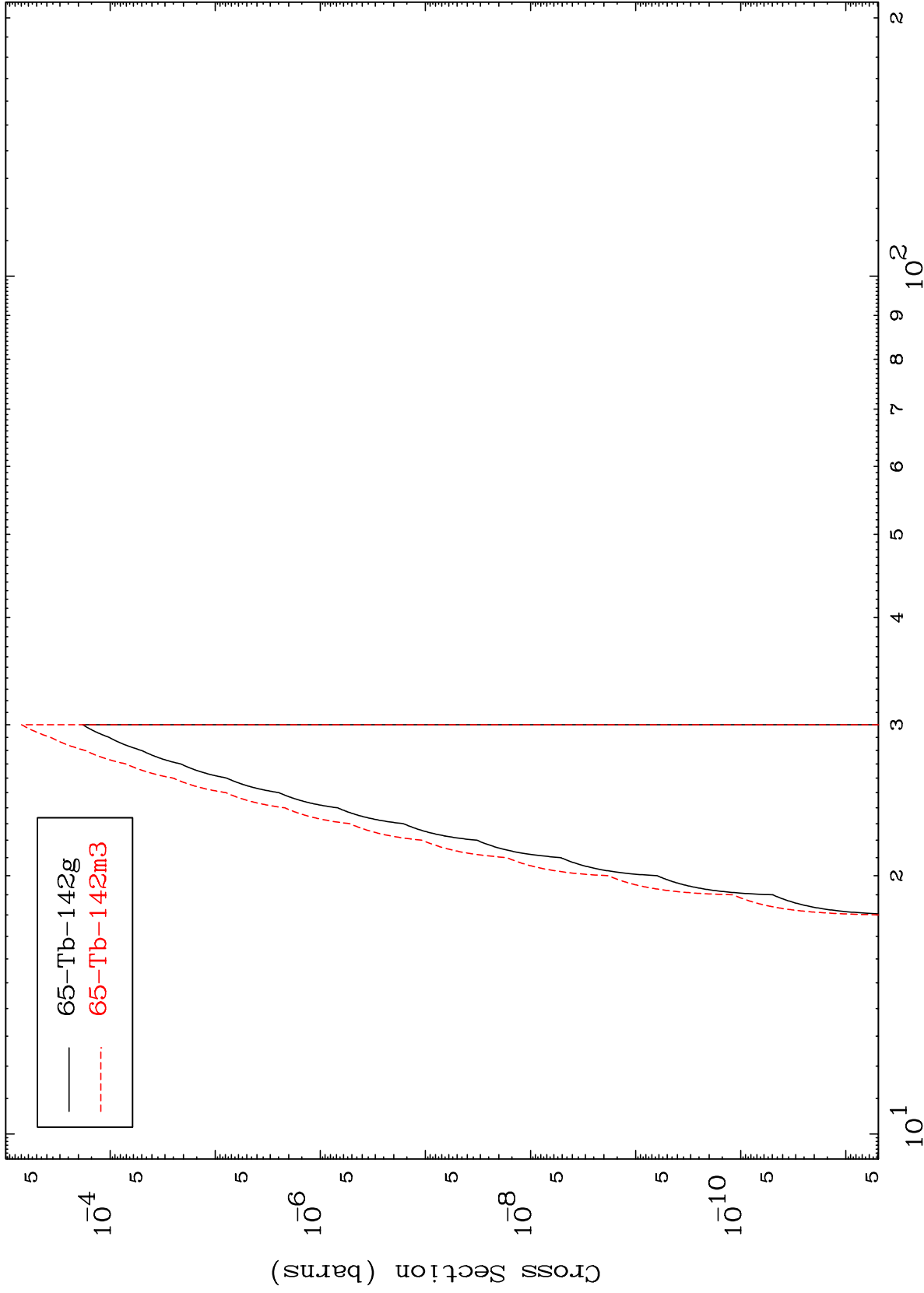


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(n,2n)  $\alpha$

67-Ho-147

Radionuclide Production Cross Section

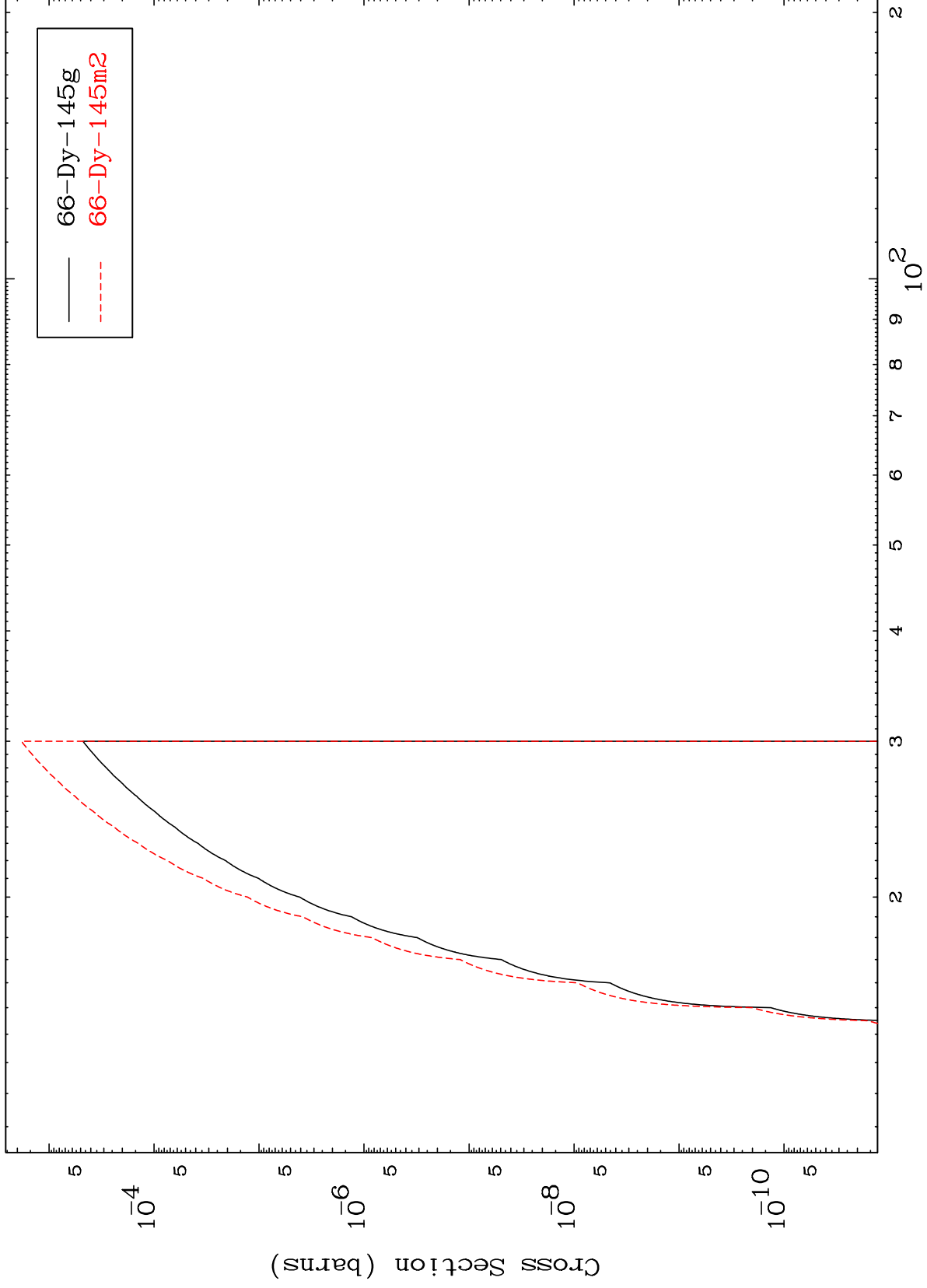


Incident Energy (MeV)

67-Ho-147

35

Radionuclide Production Cross Section

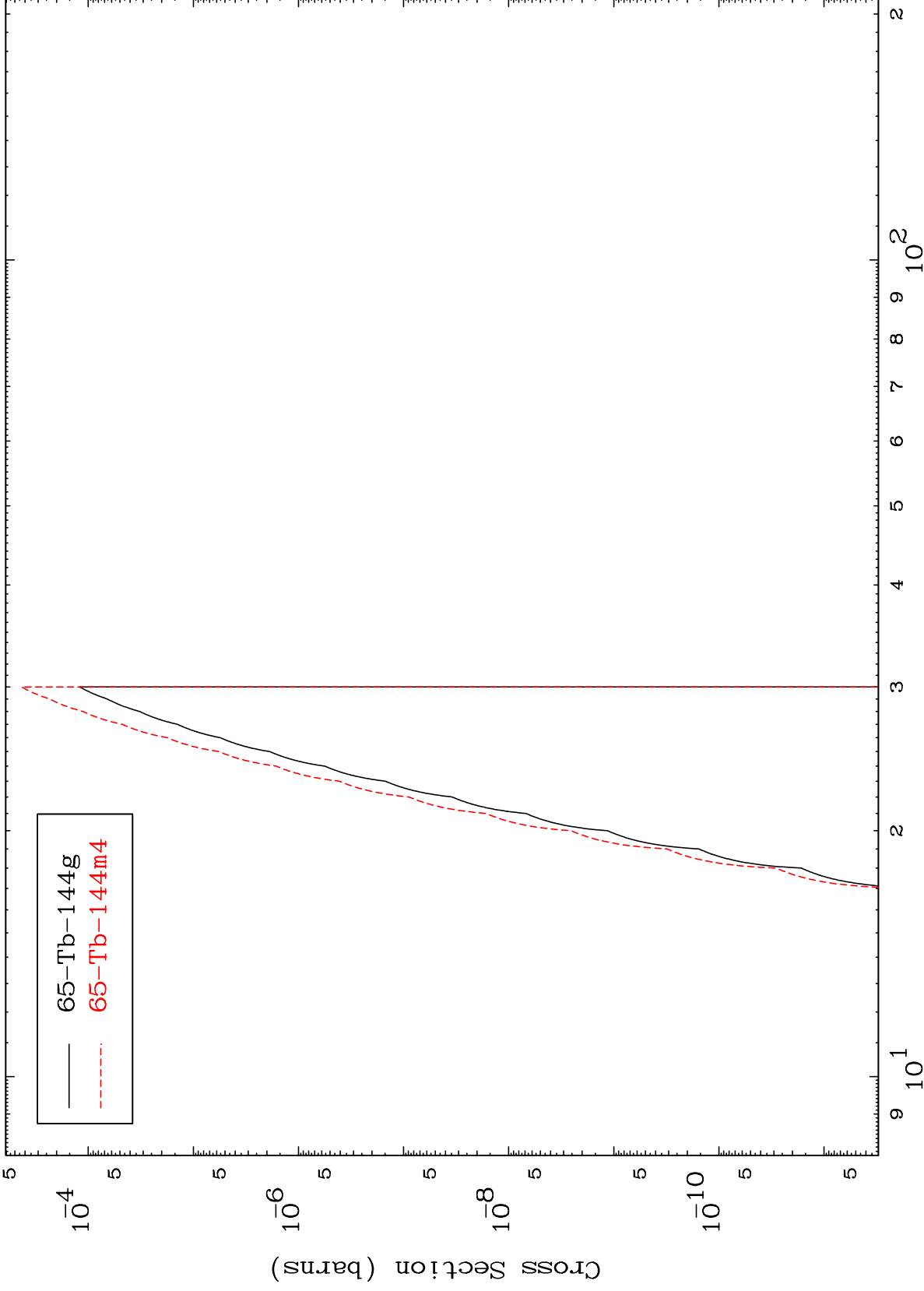


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(n,n') He-3

67-Ho-147

Radionuclide Production Cross Section

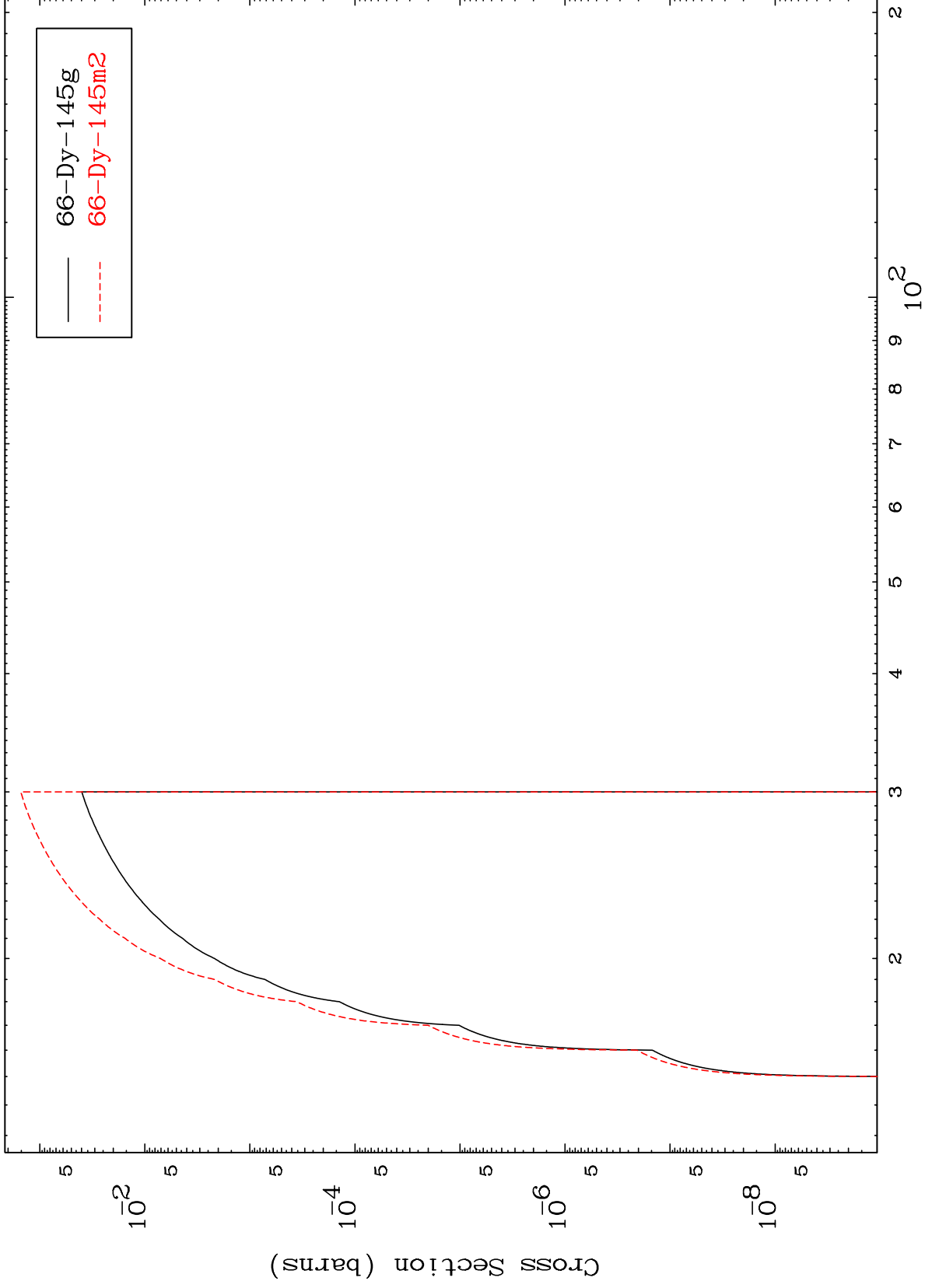


37

Incident Energy (MeV)

67-Ho-147

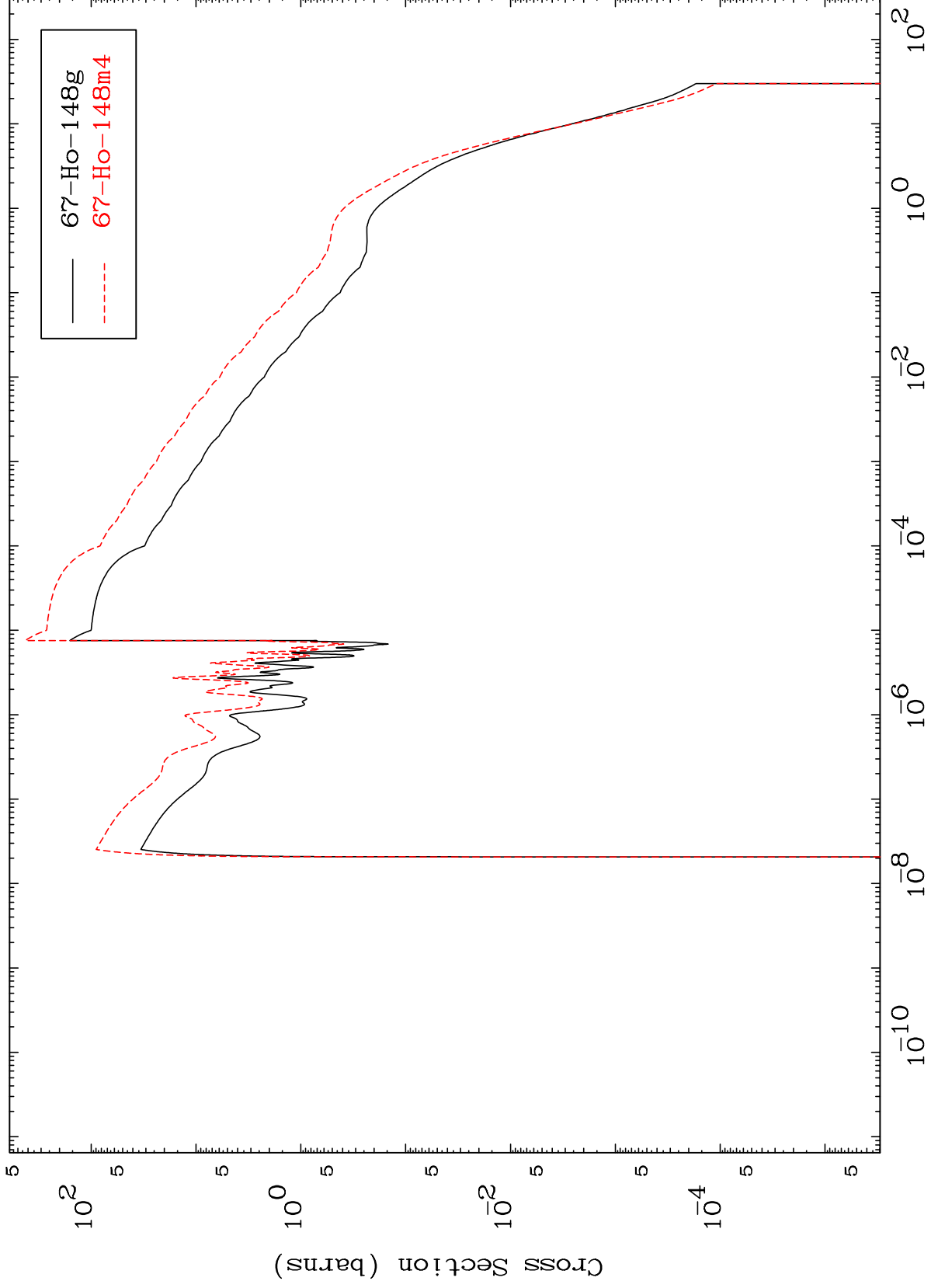
Radionuclide Production Cross Section



MAT 6671

<sup>67</sup>Ho-147

(n,γ)  
Radionuclide Production Cross Section



39

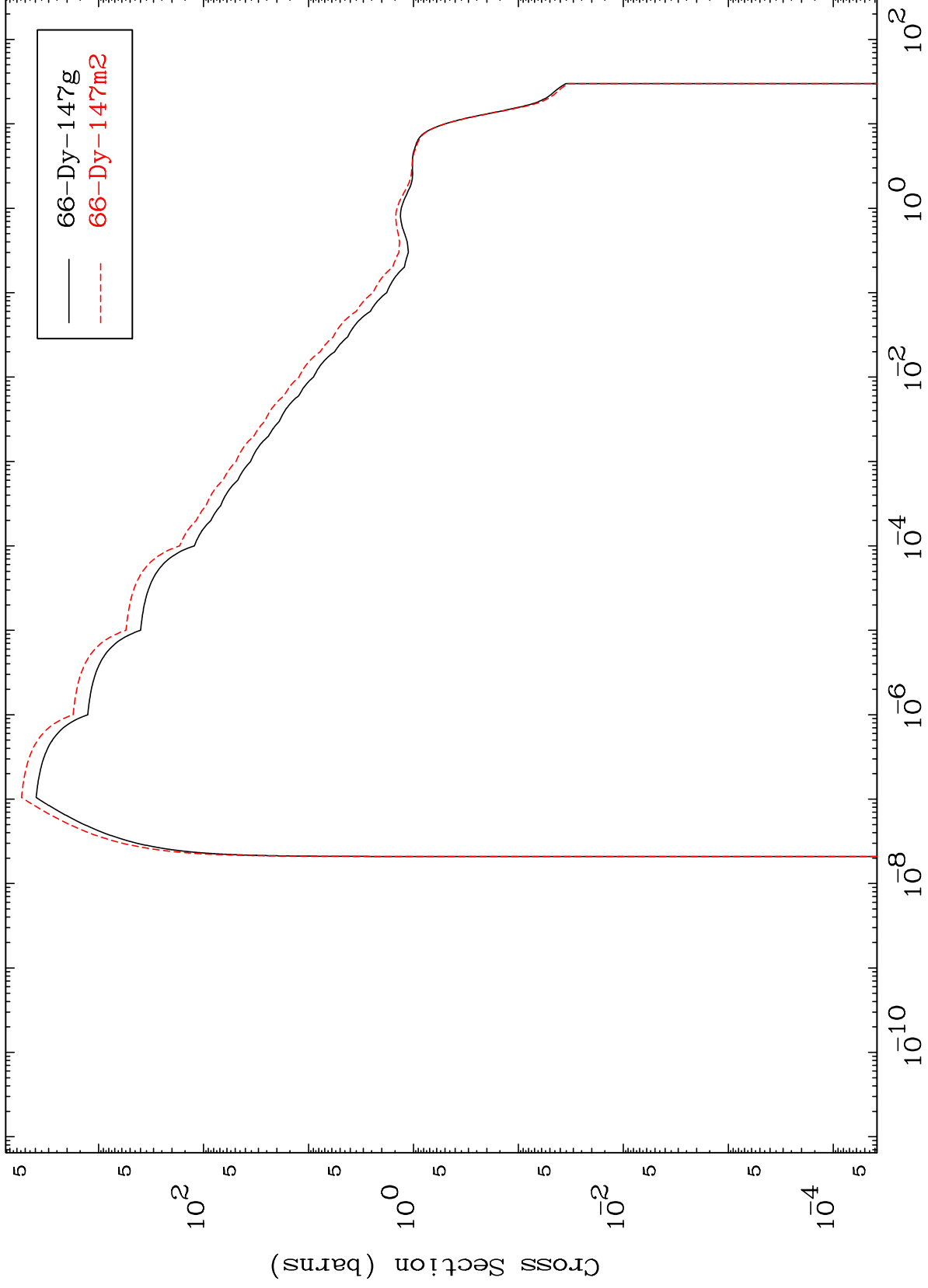
<sup>67</sup>Ho-147

Incident Energy (MeV)

MAT 6671

67-Ho-147

(n,p)  
Radionuclide Production Cross Section



40

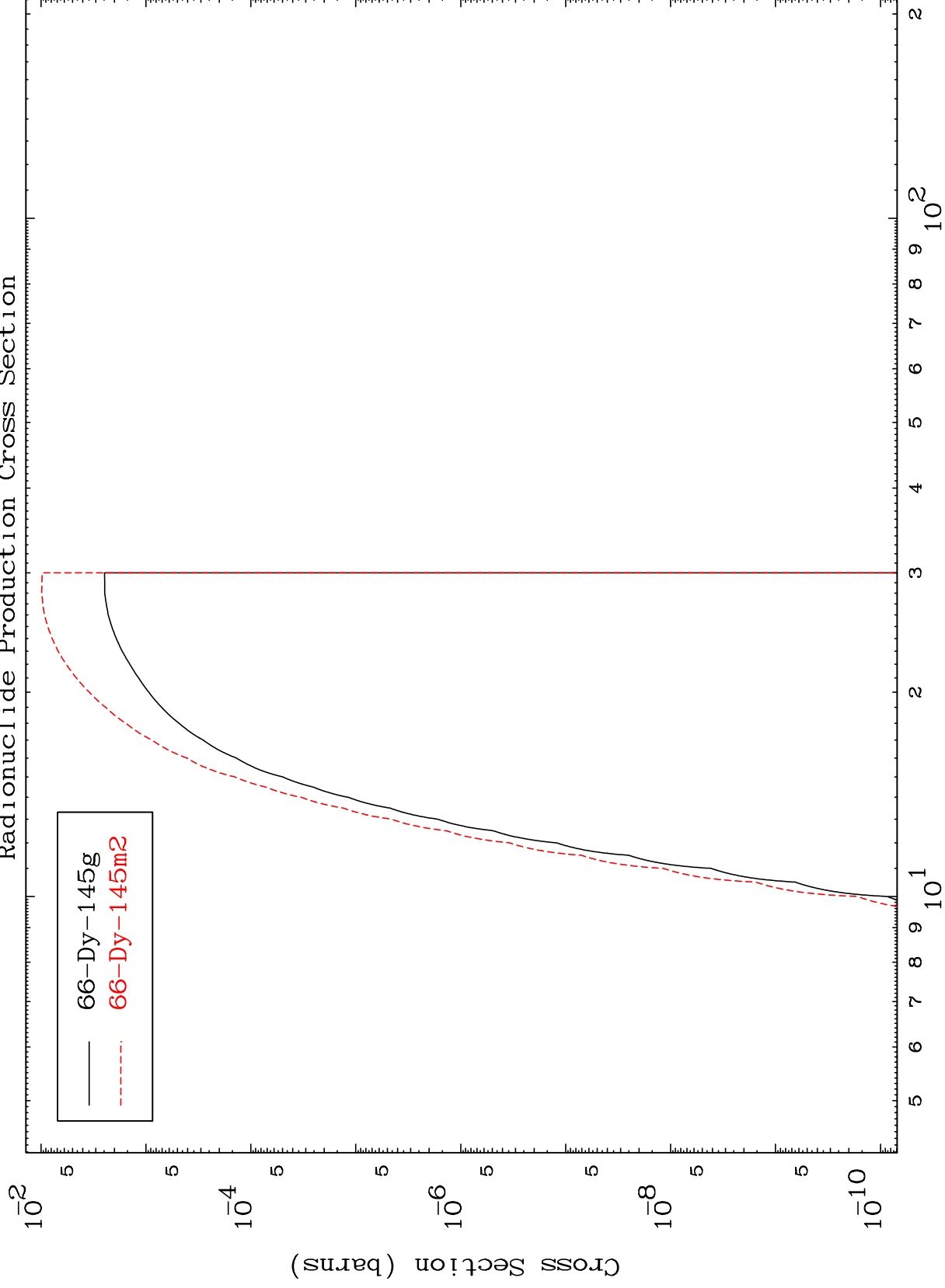
Incident Energy (MeV)

67-Ho-147

MAT 6671

67-Ho-147

Radionuclide Production Cross Section (n, t)



Incident Energy (MeV)

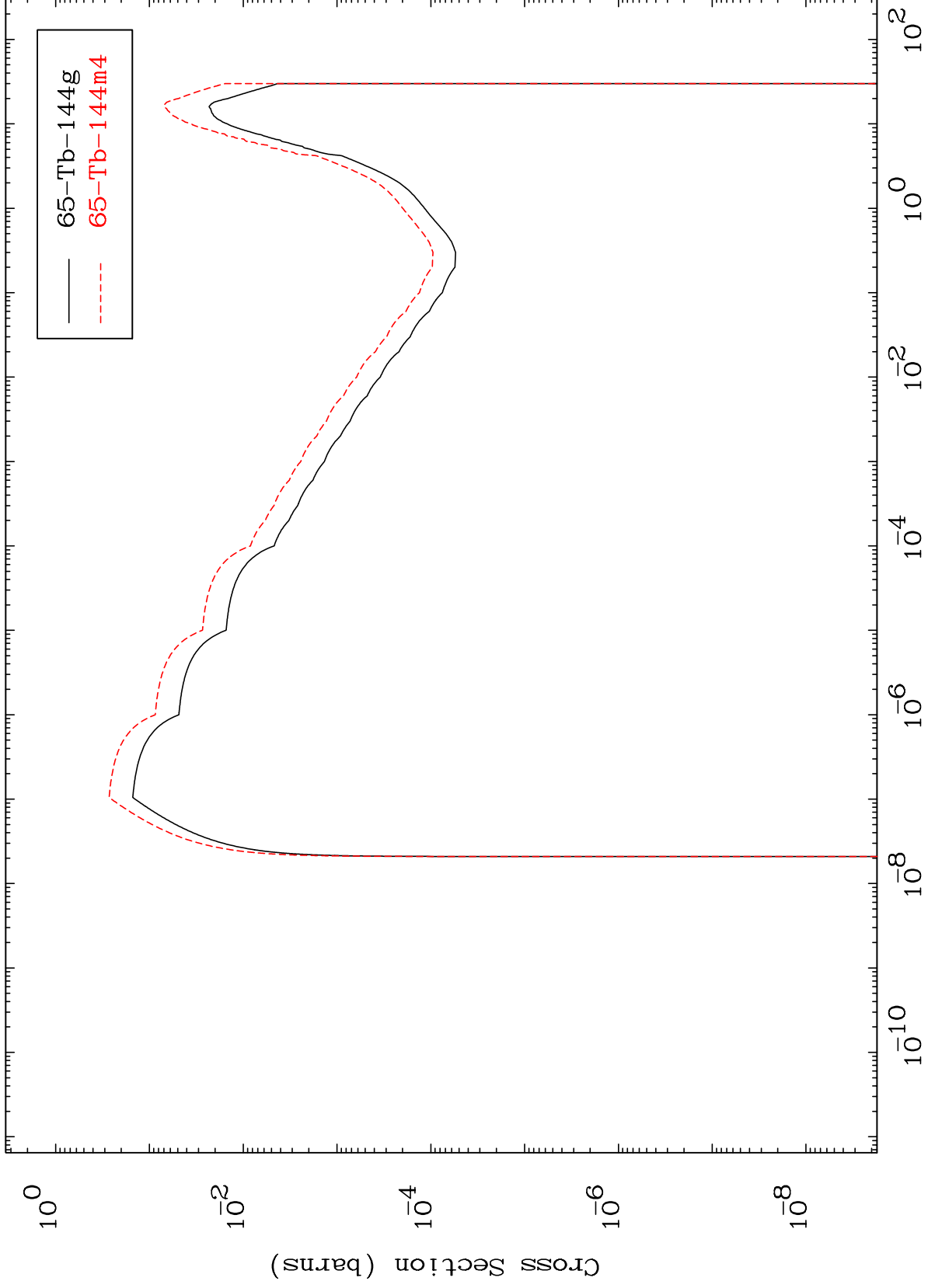
67-Ho-147

41

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67-Ho-147

(n,  $\alpha$ )  
Radionuclide Production Cross Section



42

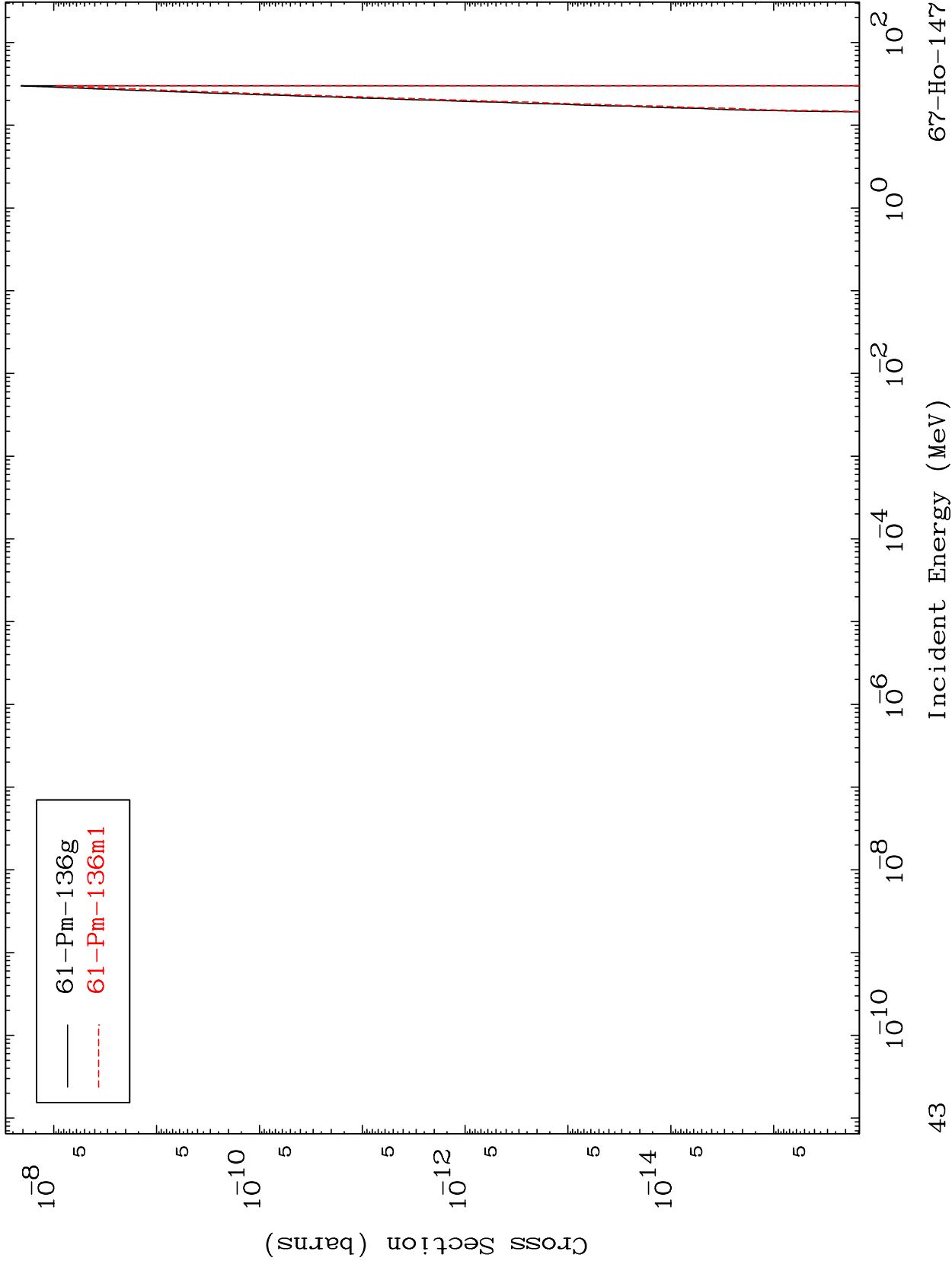
67-Ho-147

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(n,3α)

67-Ho-147

Radionuclide Production Cross Section

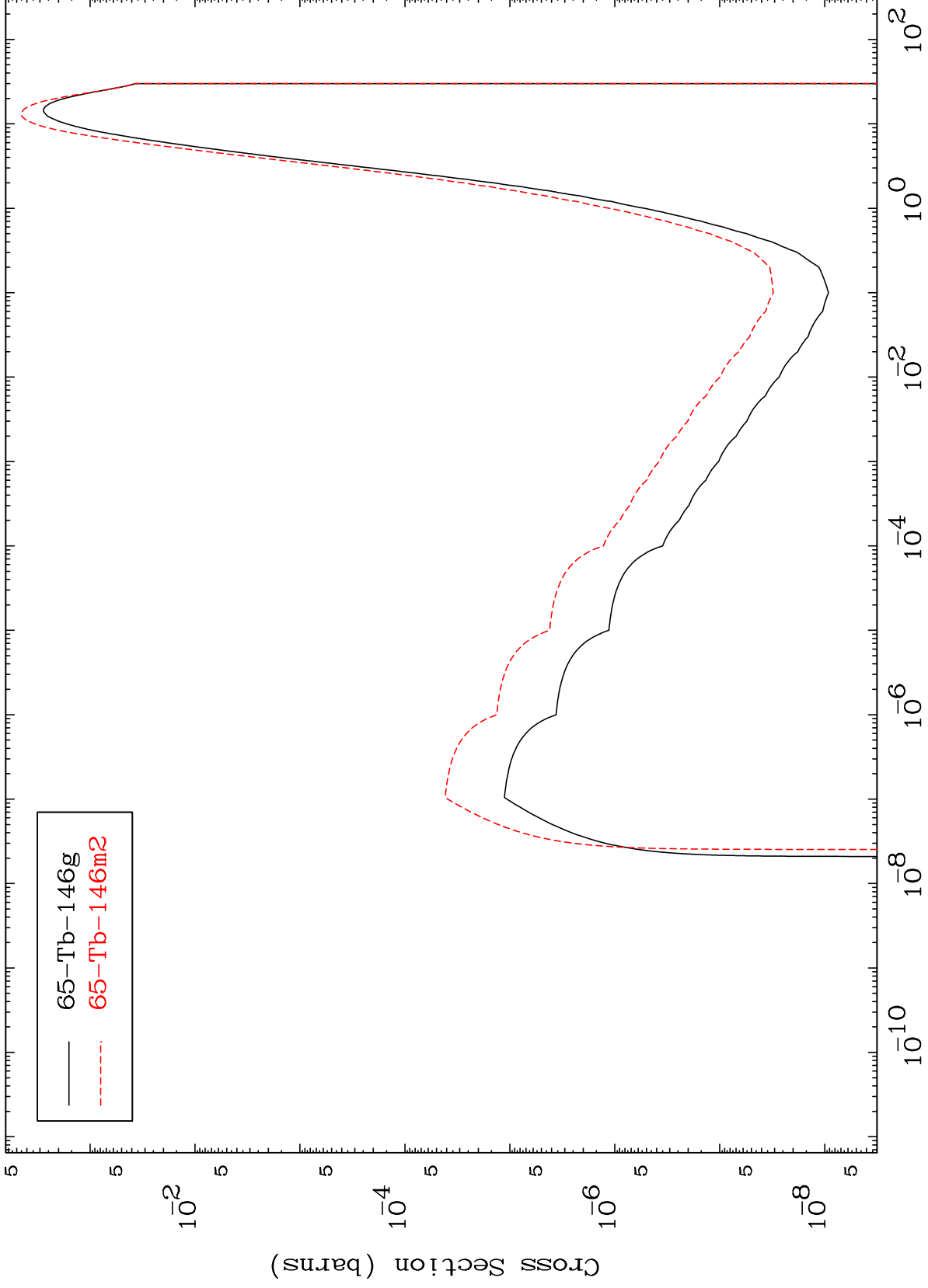


MAT 6671

(n,2p)

<sup>67</sup>Ho-147

Radionuclide Production Cross Section



44

Incident Energy (MeV)

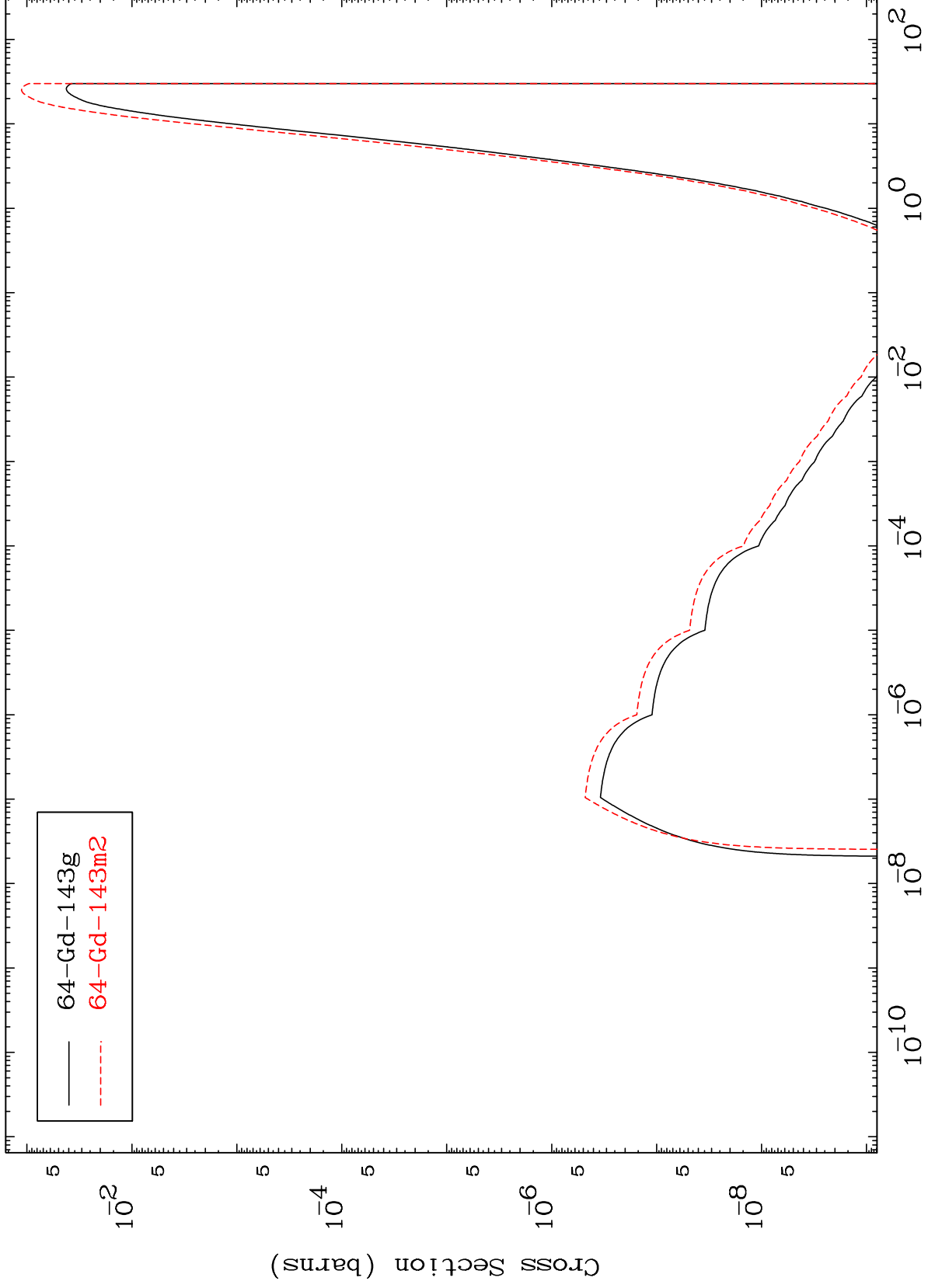
<sup>67</sup>Ho-147

MAT 6671

(n,p)  $\alpha$

$^{67}\text{Ho-147}$

Radionuclide Production Cross Section



45

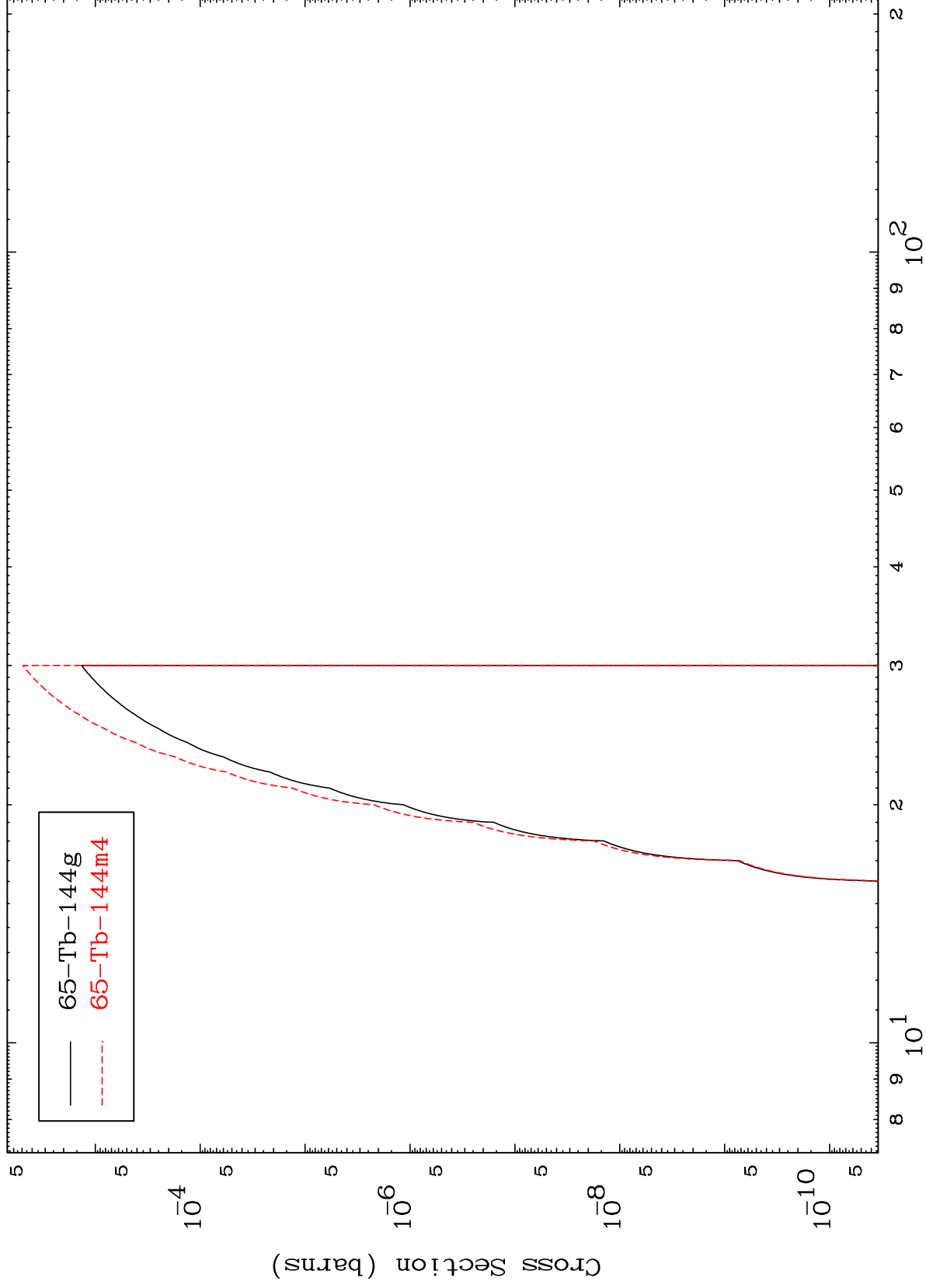
Incident Energy (MeV)

$^{67}\text{Ho-147}$

MAT 6671

67-Ho-147

(n,p) t  
Radionuclide Production Cross Section



46

Incident Energy (MeV)

67-Ho-147