

Program EVALPLOT  
(Version 2021-1)

by

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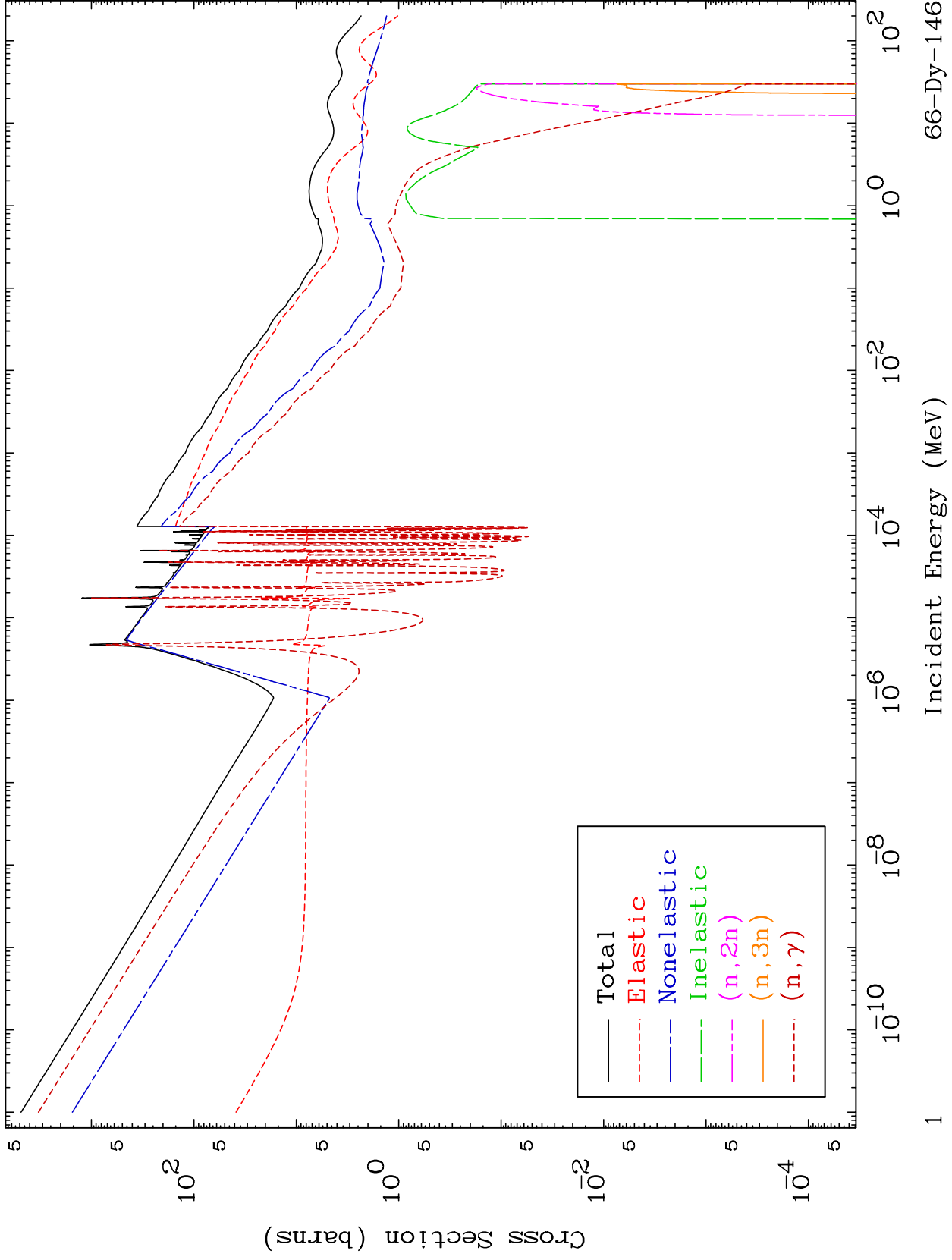
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Press Mouse Button to Start

MAT 6595

Neutron Major  
293 Kelvin Cross Sections

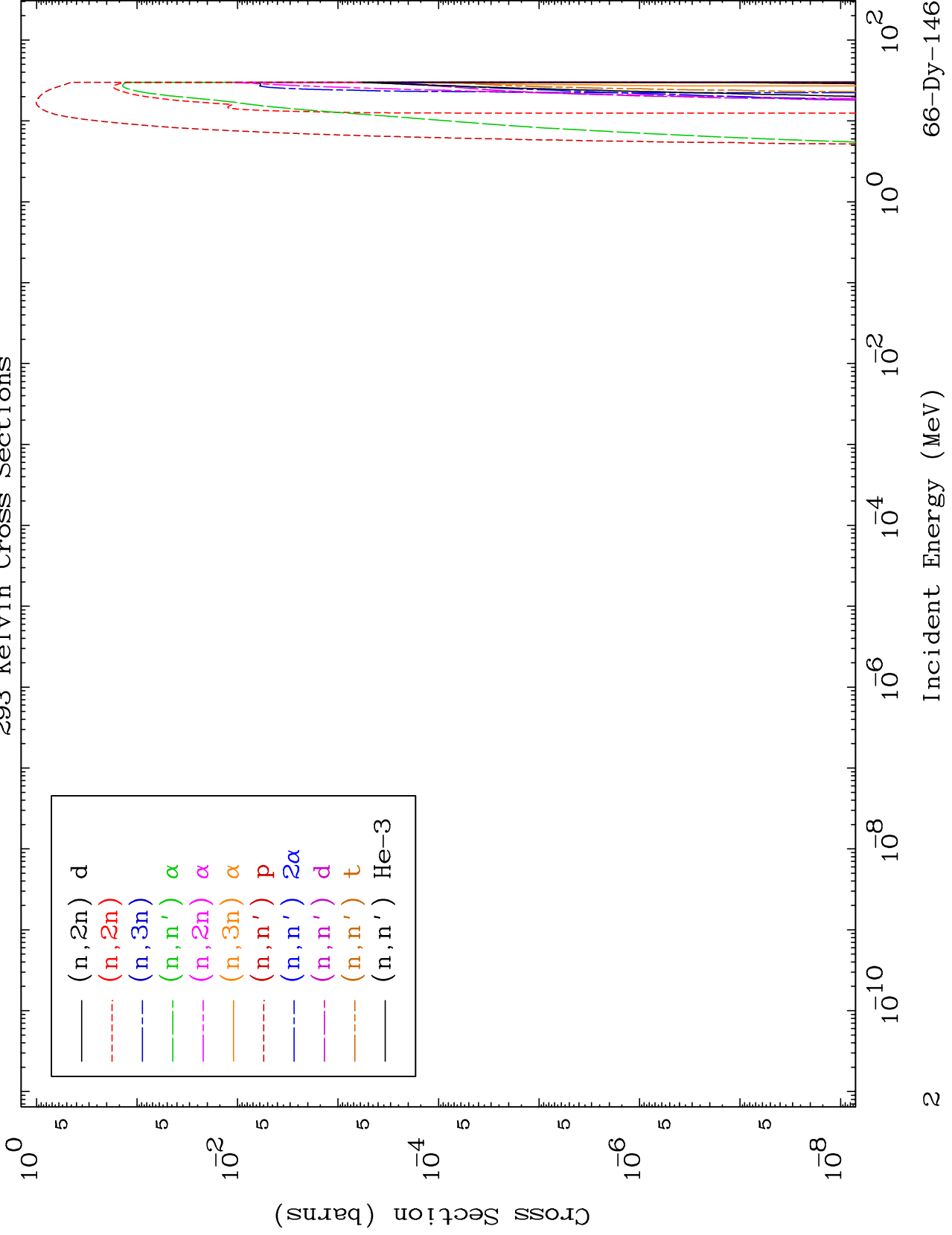
66-Dy-146



MAT 6595

Neutron Absorption  
293 Kelvin Cross Sections

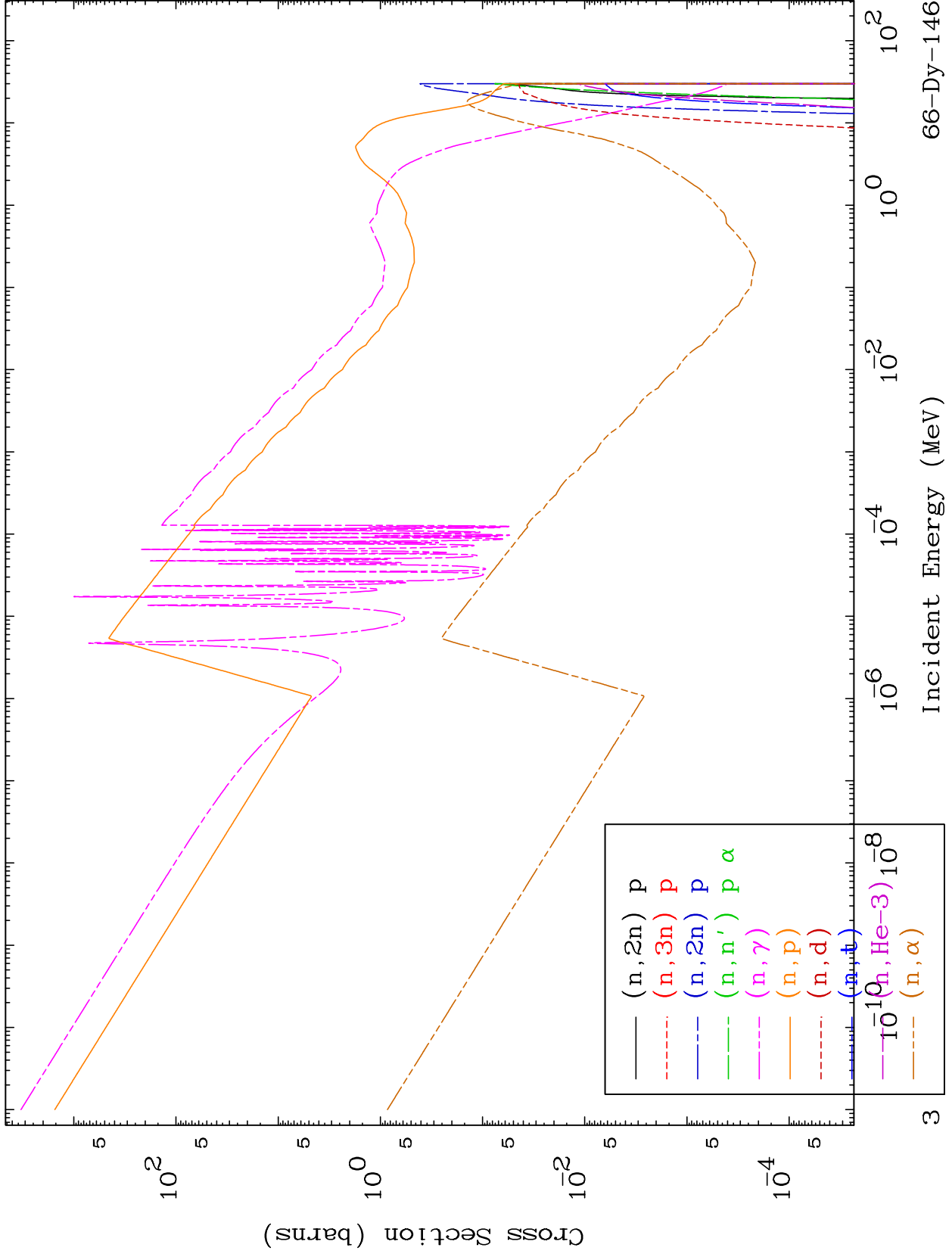
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MAT 6595

Neutron Absorption  
293 Kelvin Cross Sections

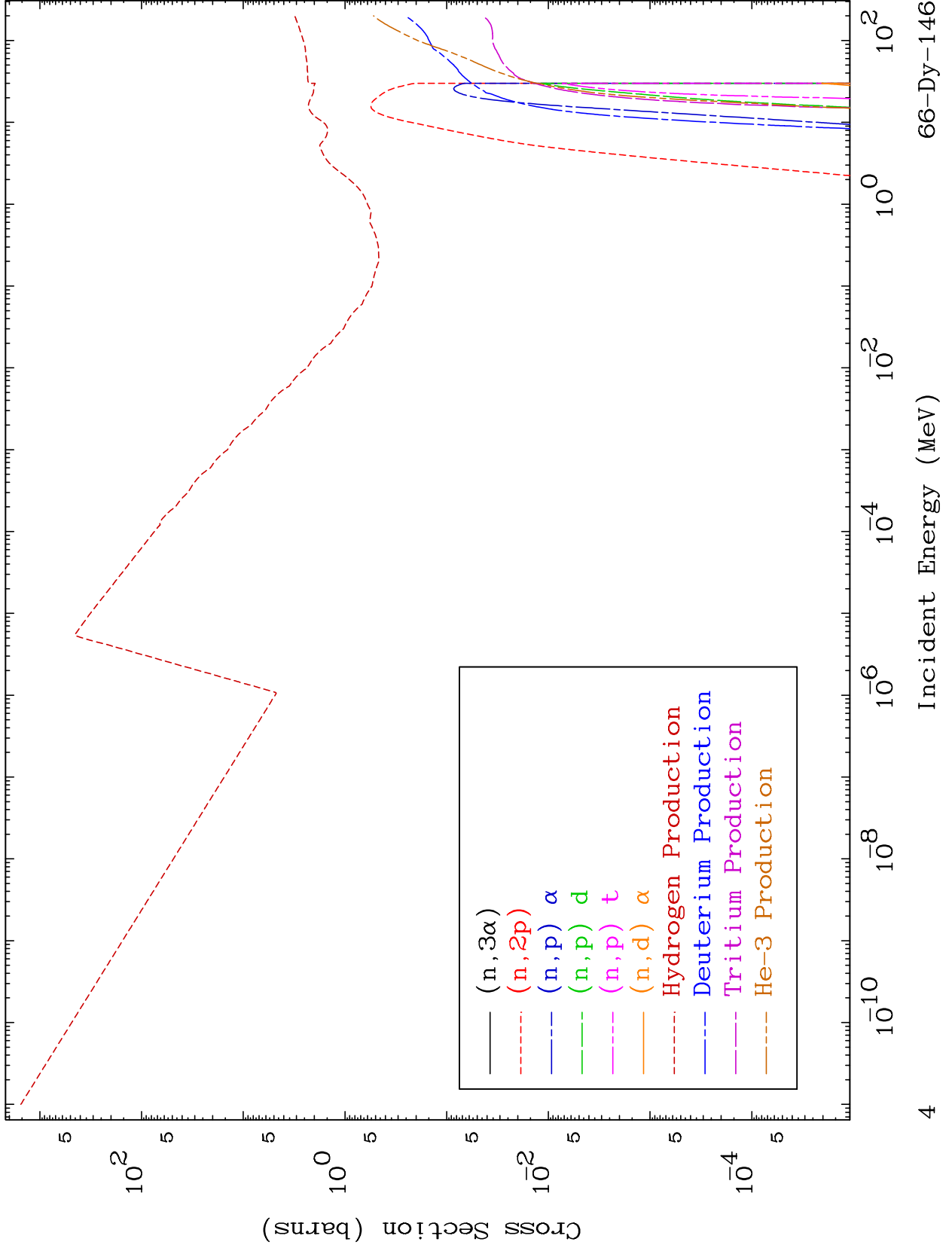
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MAT 6595

Neutron Absorption  
293 Kelvin Cross Sections

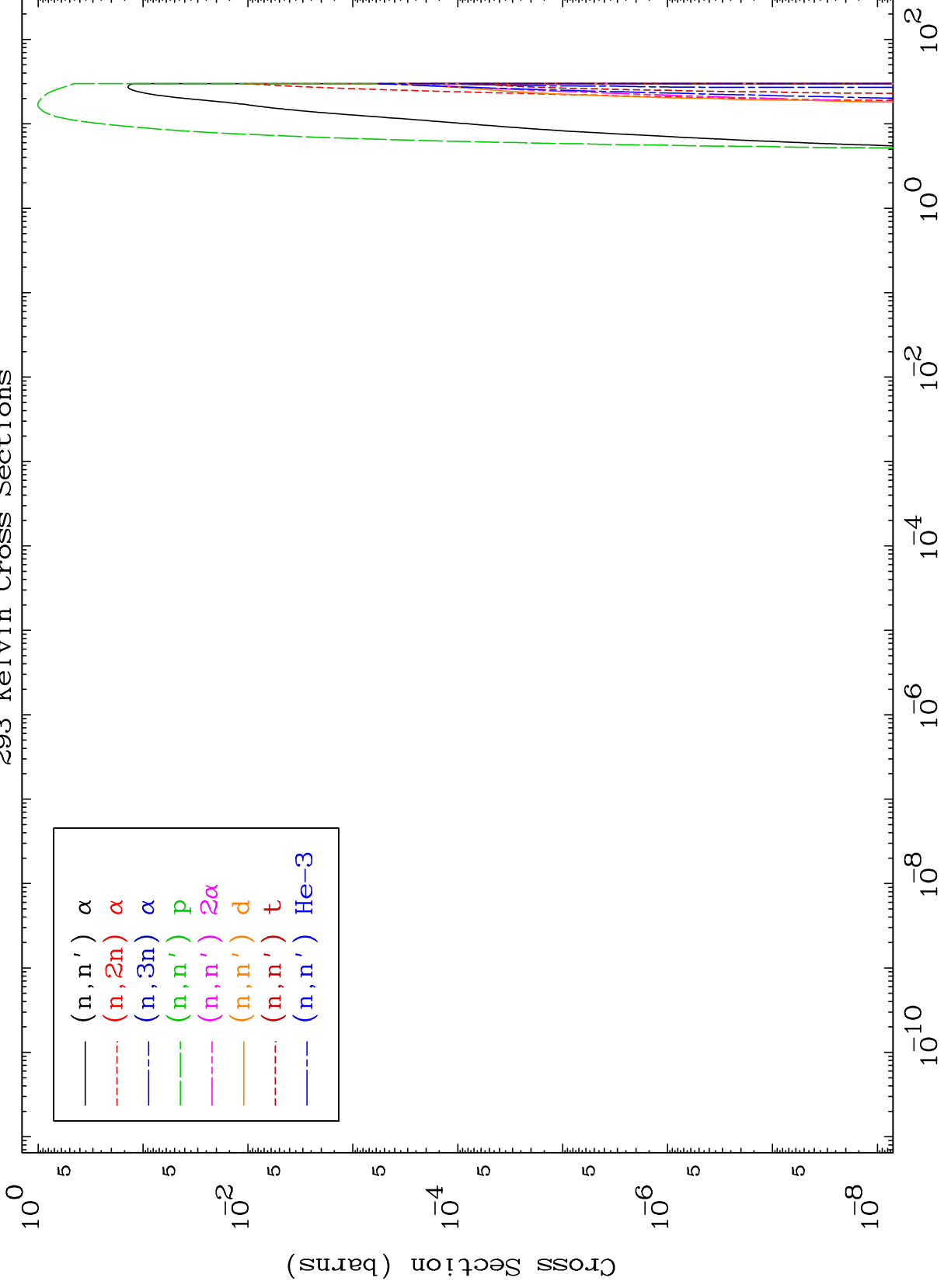
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MAT 6595

Charged Particle  
293 Kelvin Cross Sections

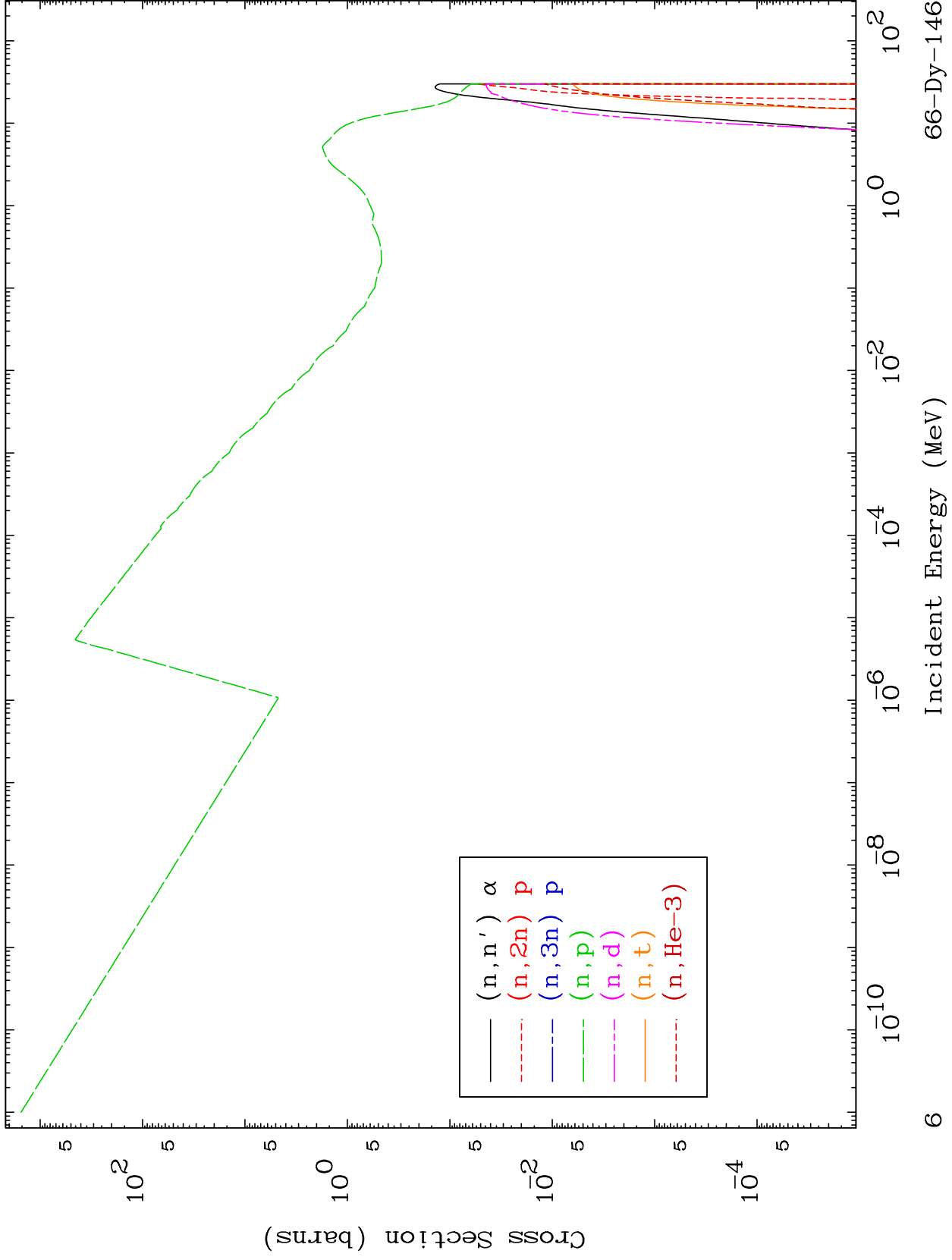
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MAT 6595

Charged Particle  
293 Kelvin Cross Sections

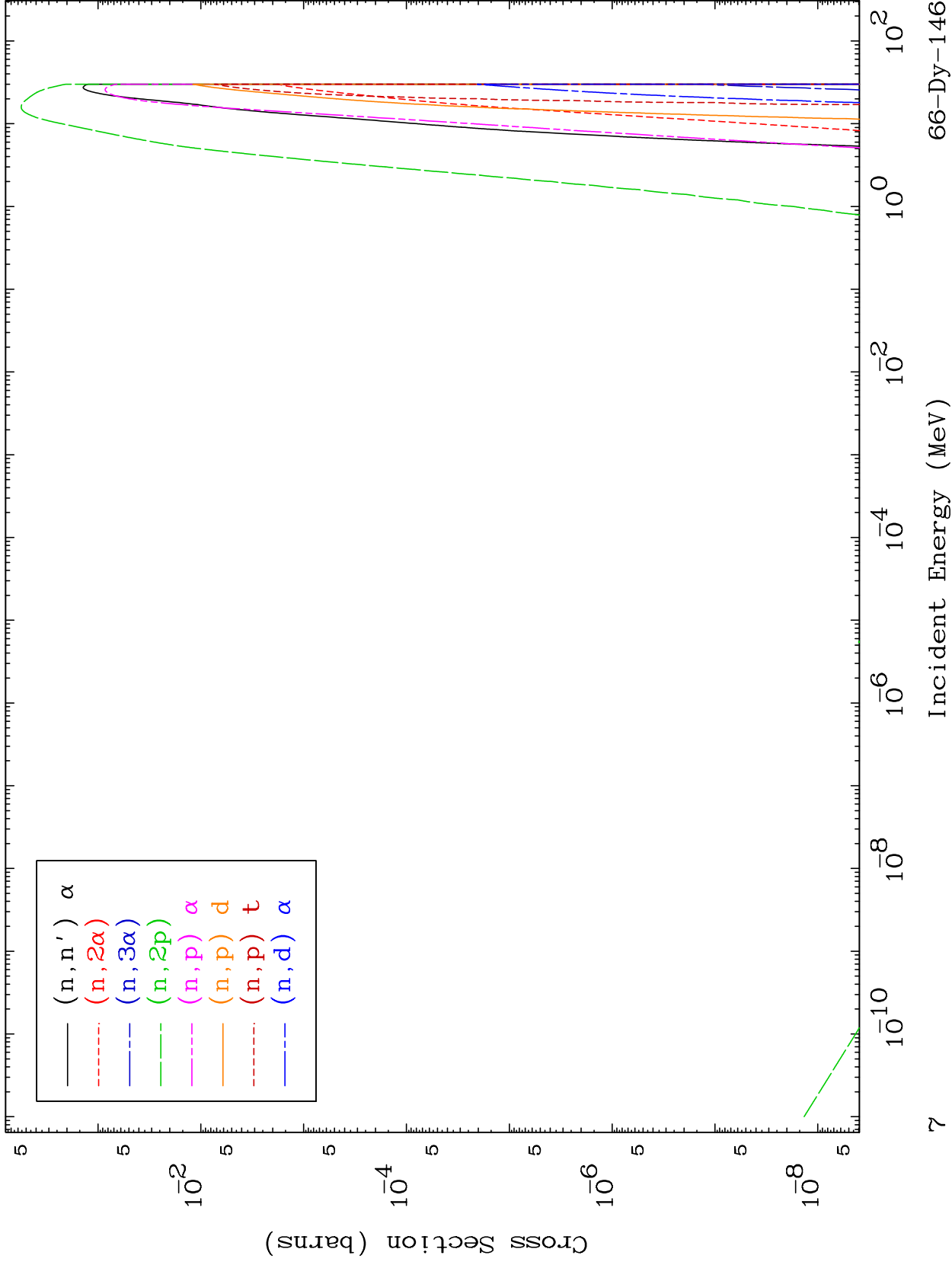
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MAT 6595

Charged Particle  
293 Kelvin Cross Sections

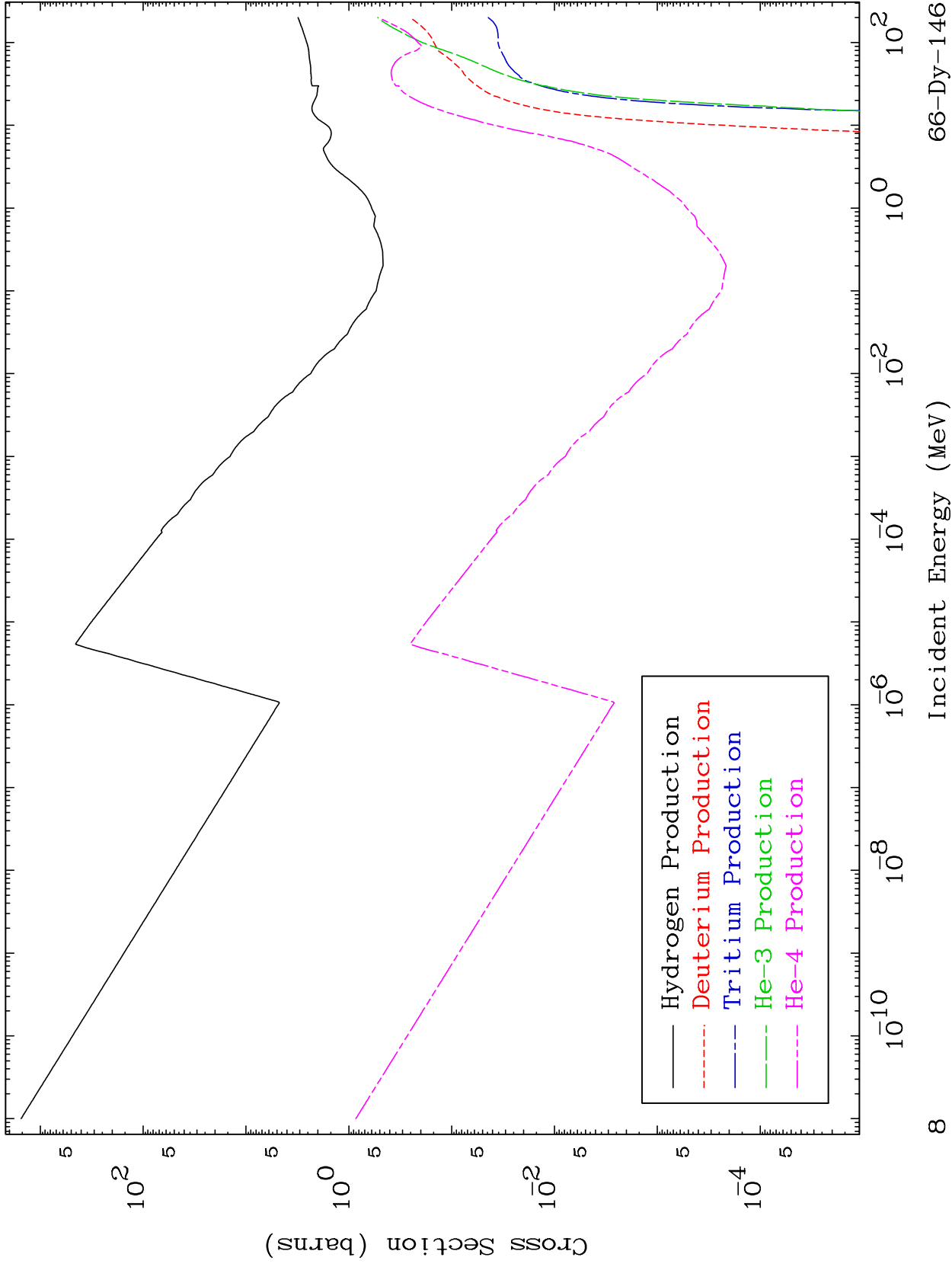
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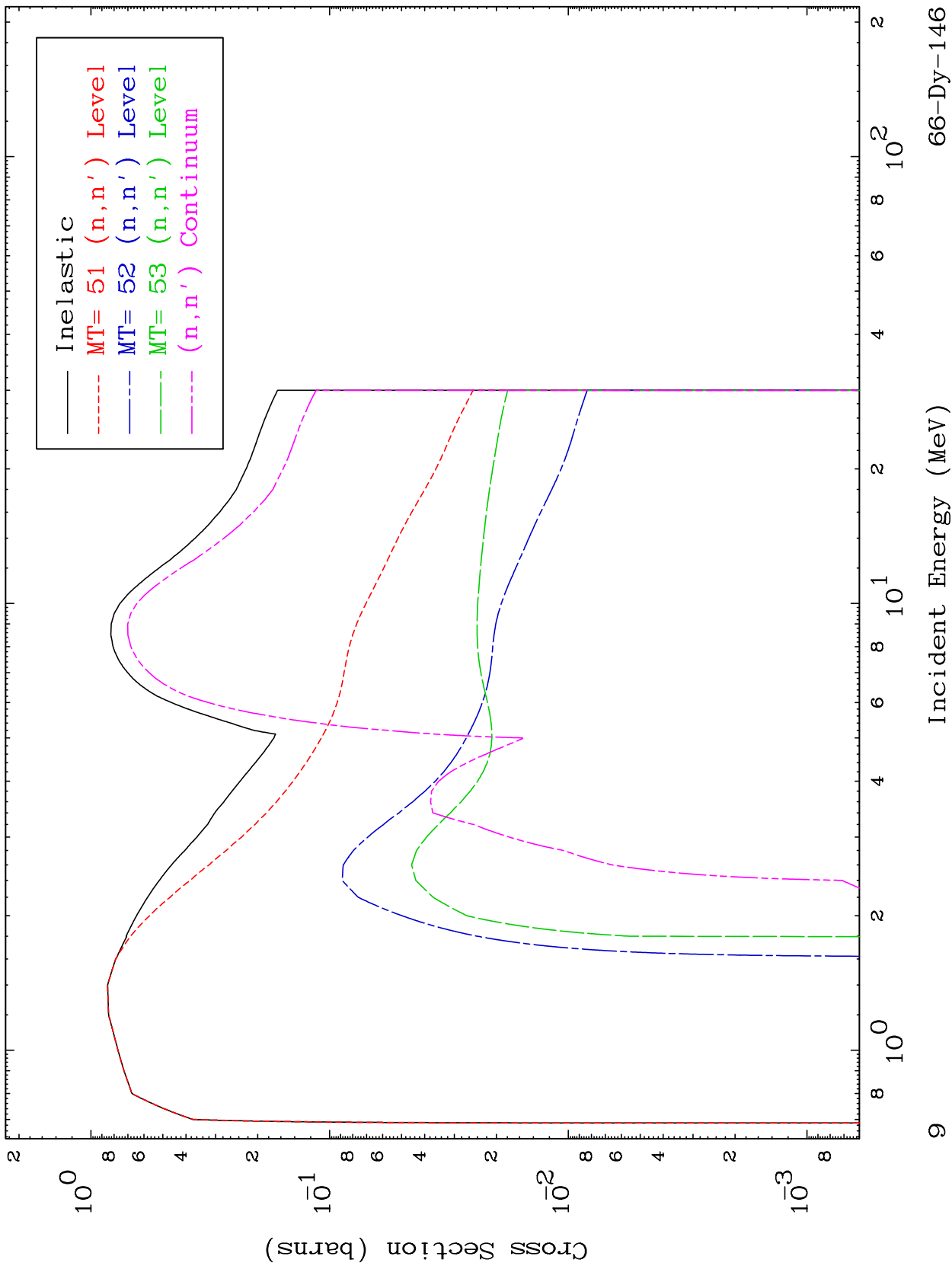


MAT 6595

Particle Production  
293 Kelvin Cross Sections

66-Dy-146

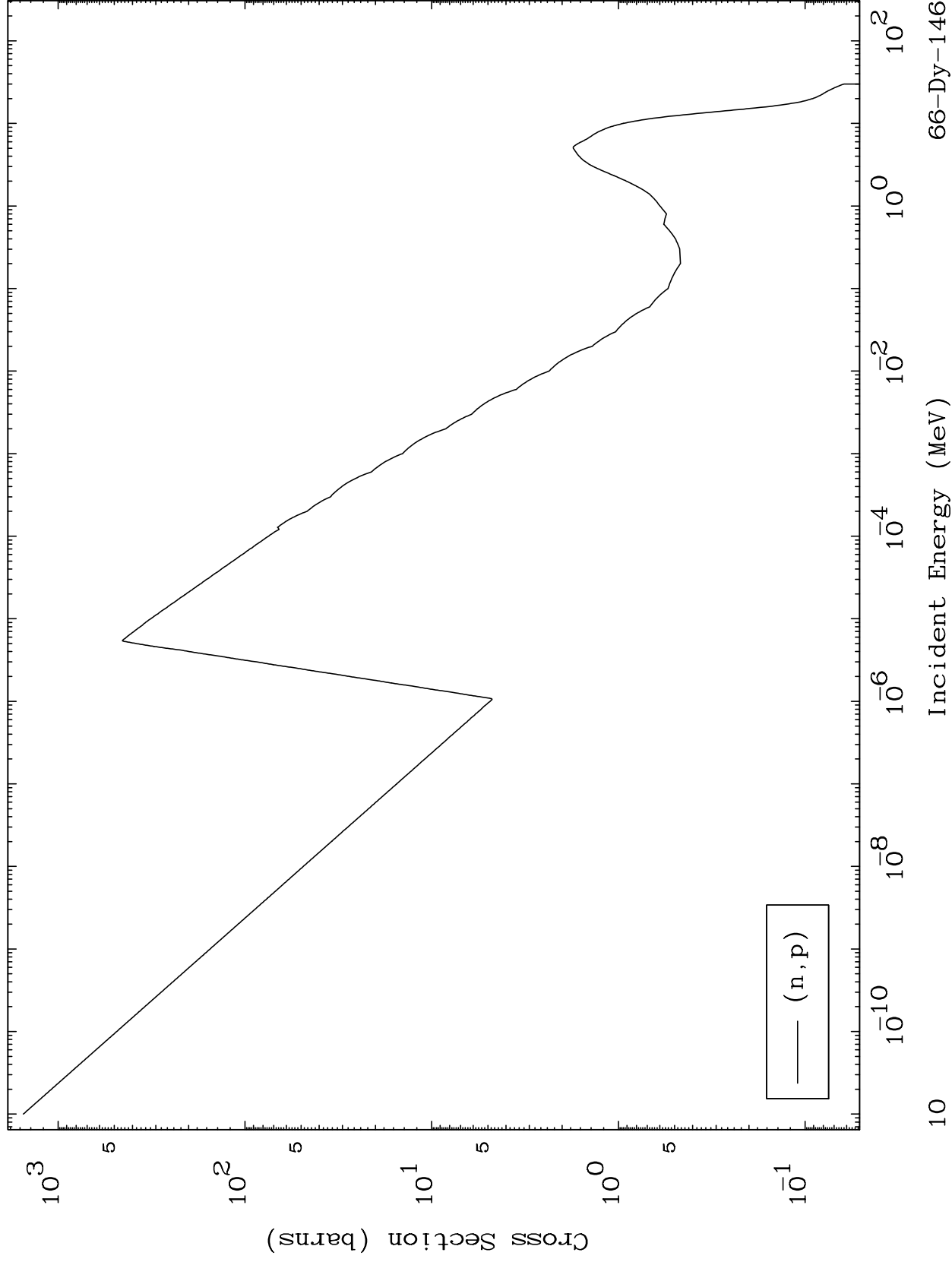




MAT 6595

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-146



(n,p)

10

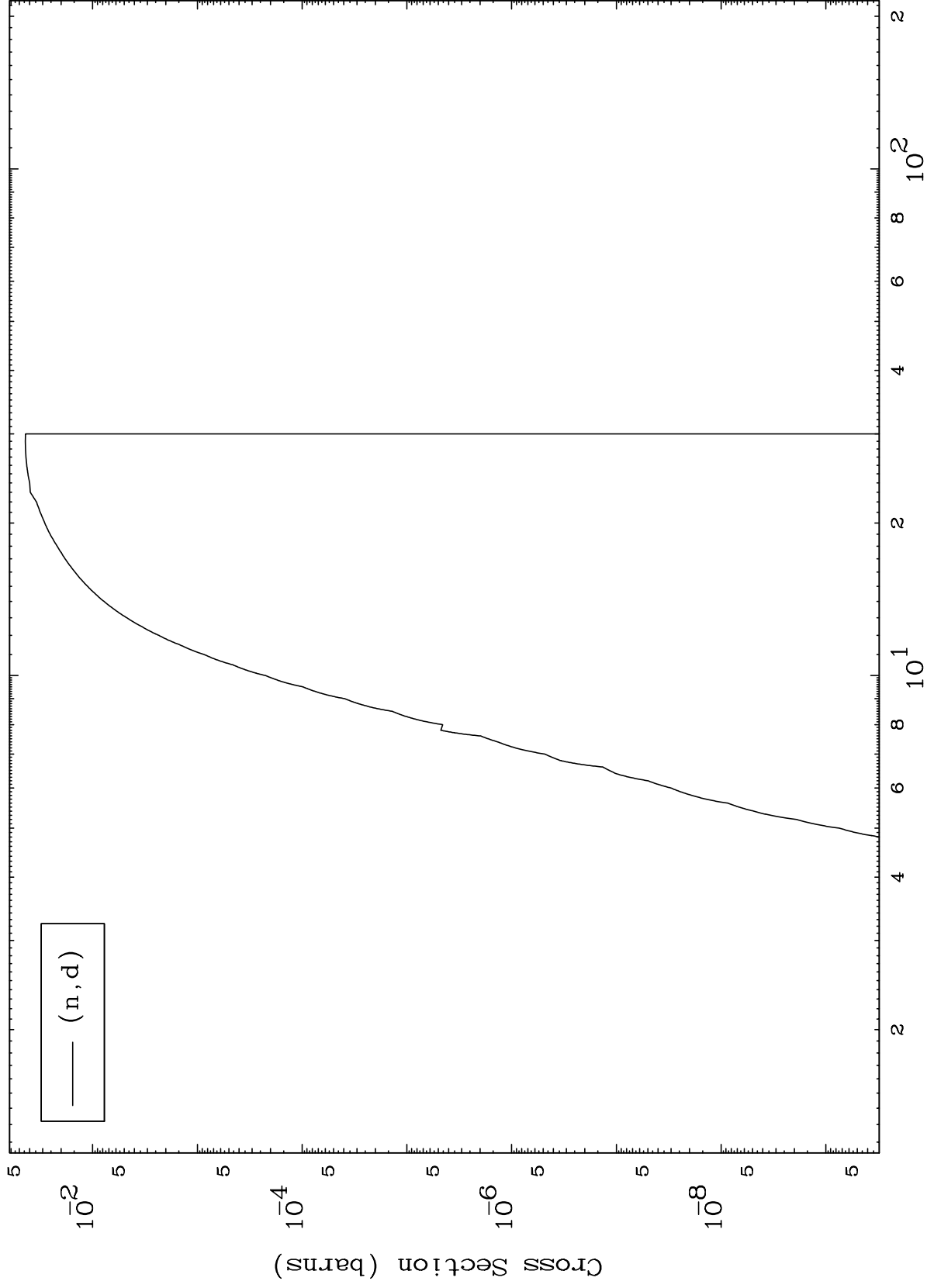
Incident Energy (MeV)

66-Dy-146

MAT 6595

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-146



11

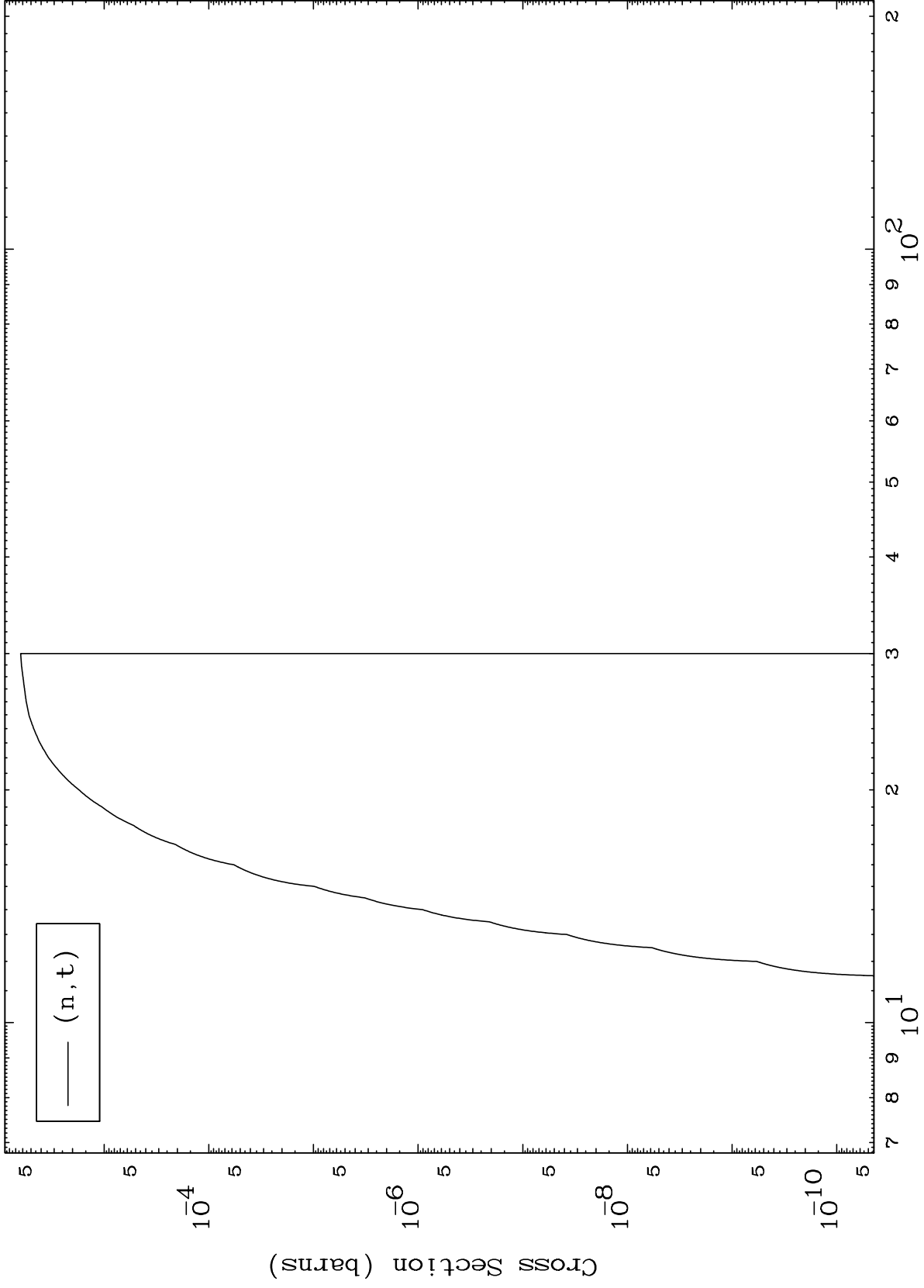
Incident Energy (MeV)

66-Dy-146

MAT 6595

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-146



12

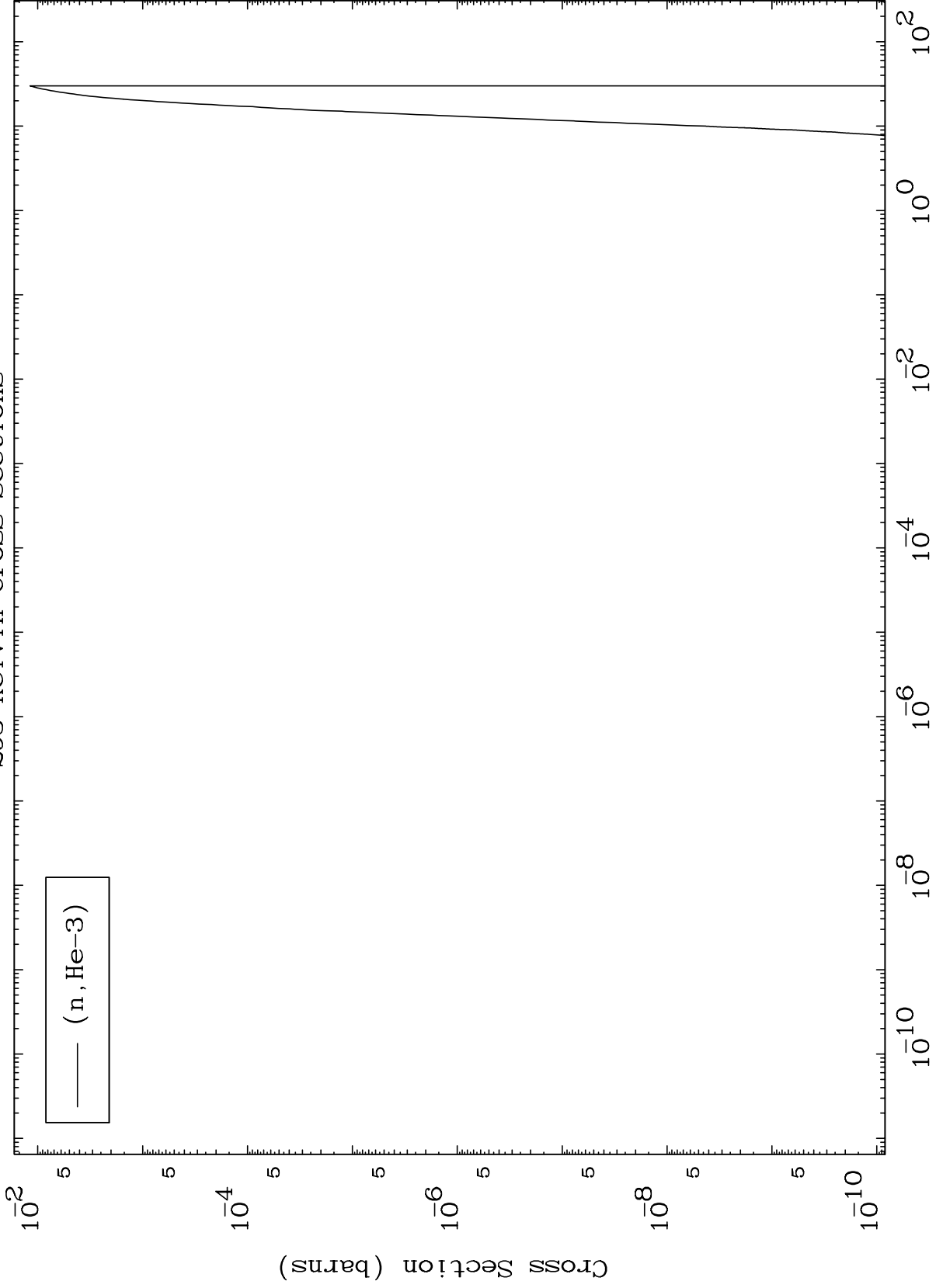
Incident Energy (MeV)

66-Dy-146

MAT 6595

(n,He3) Levels  
293 Kelvin Cross Sections

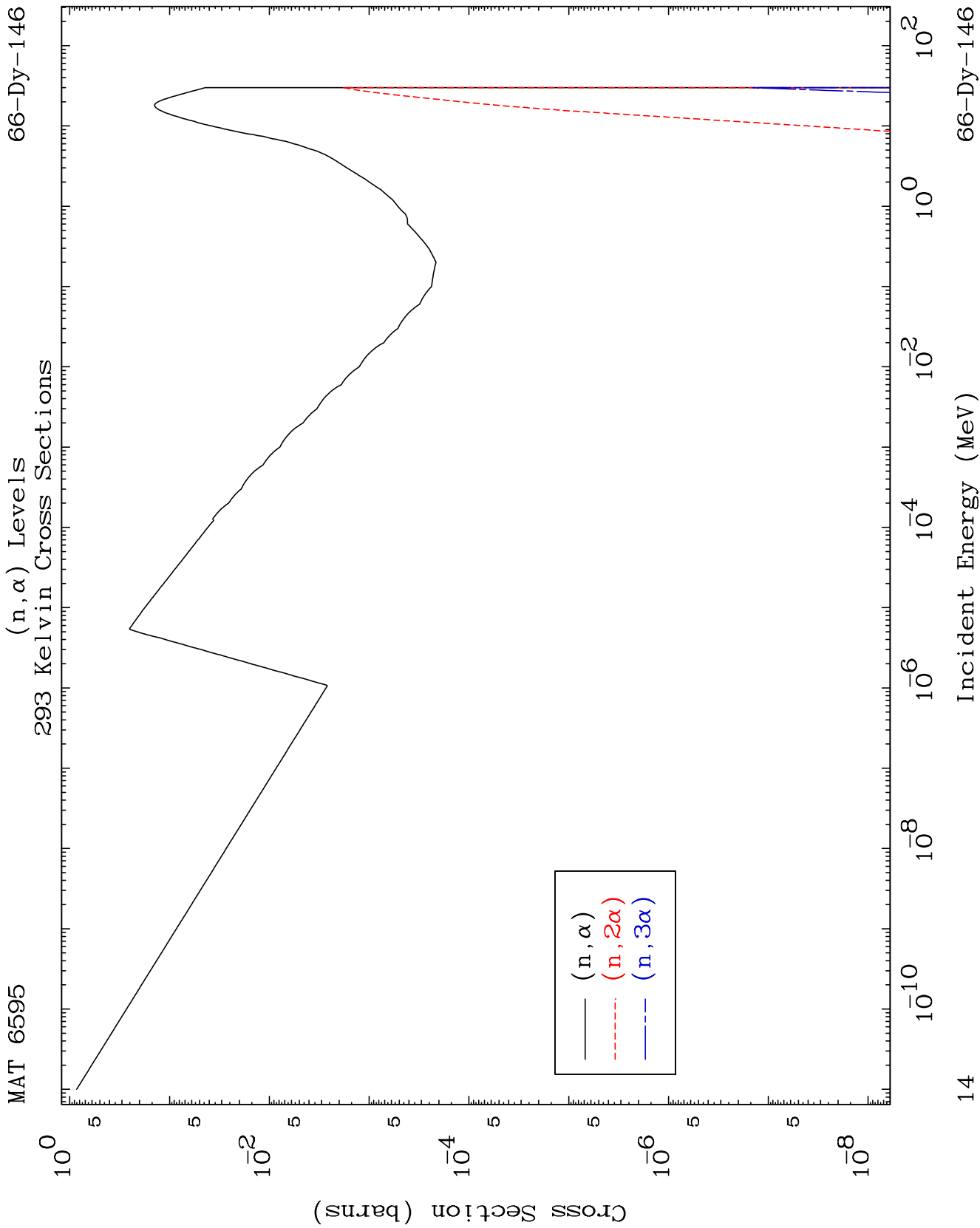
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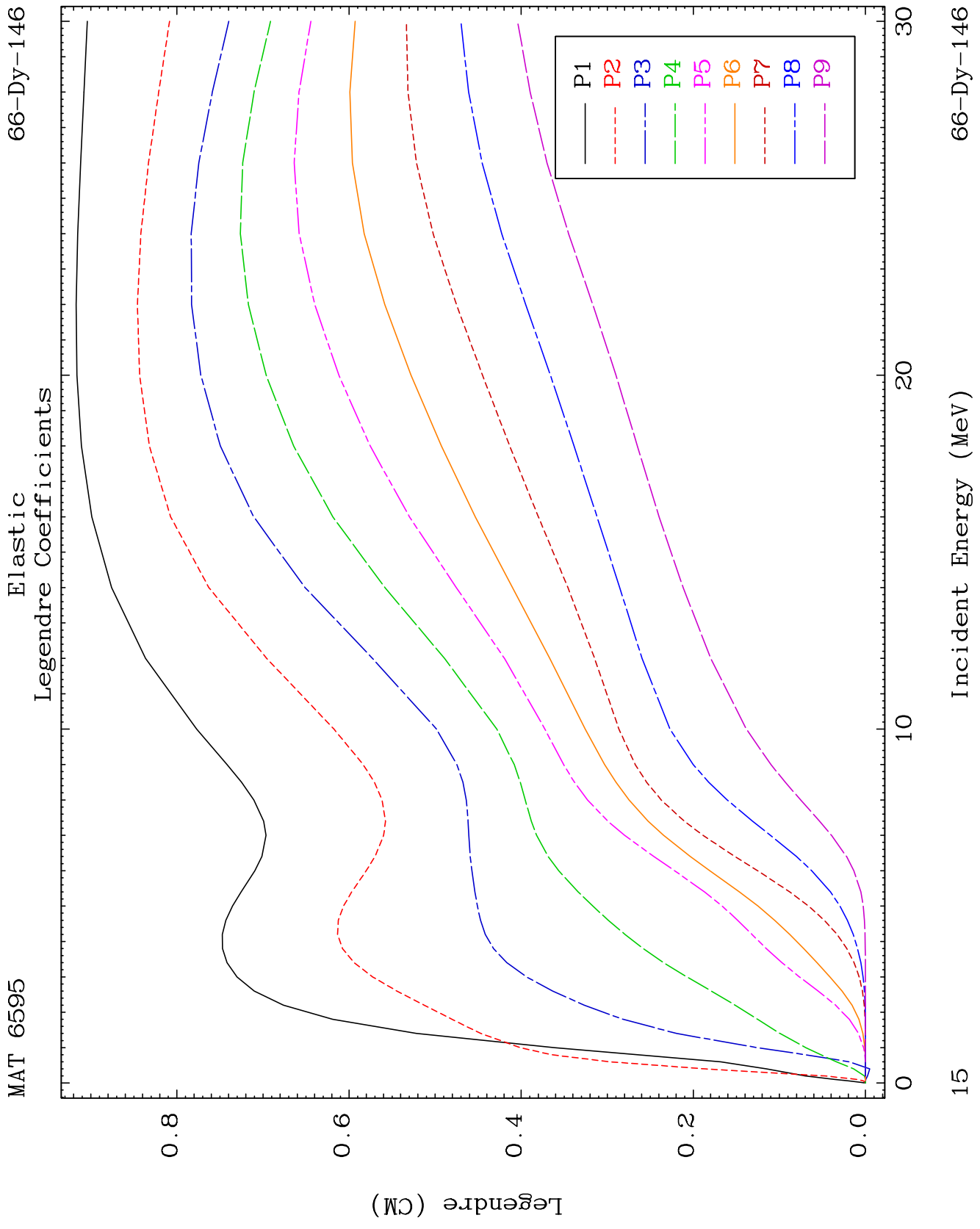


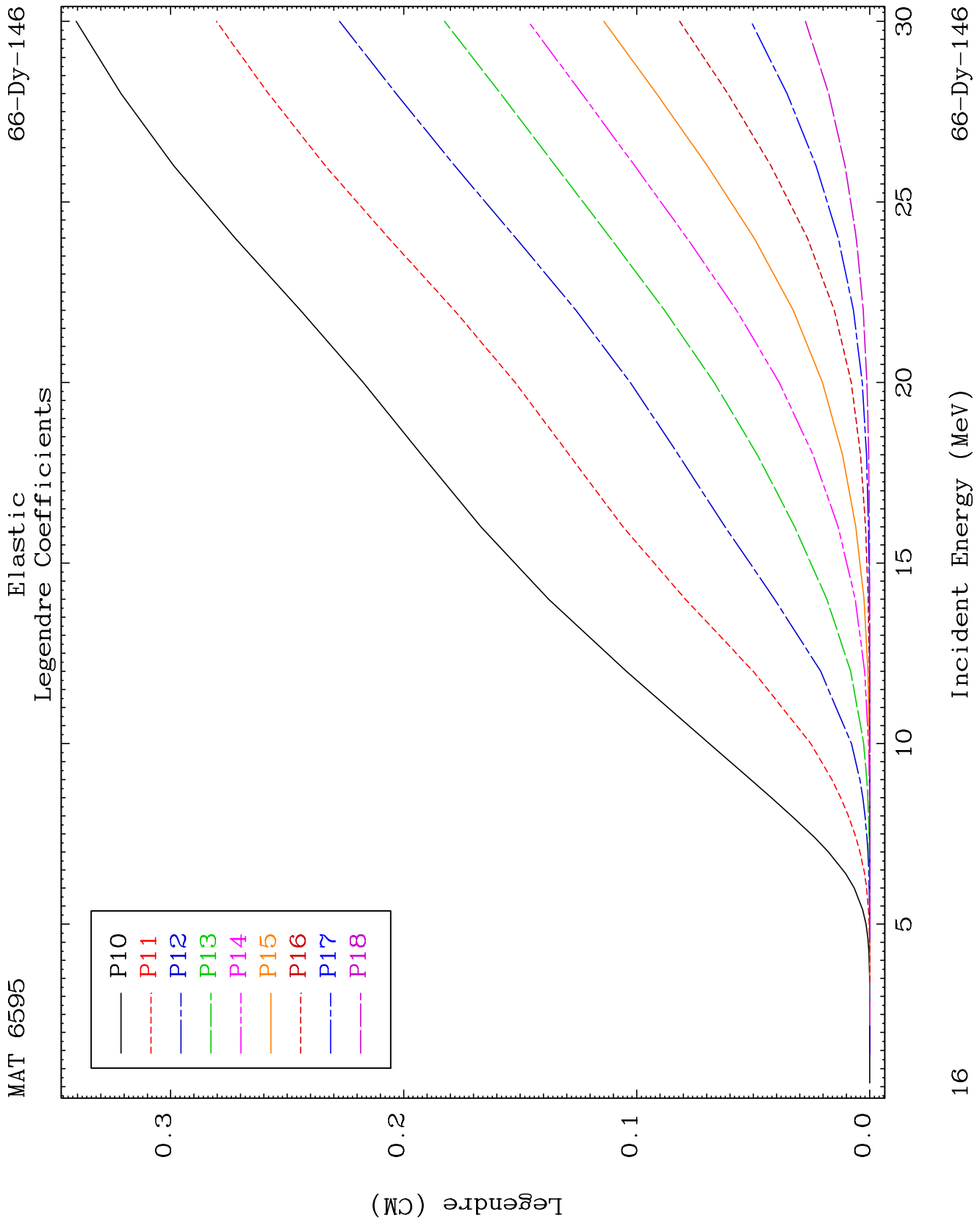
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Incident Energy (MeV)

66-Dy-146



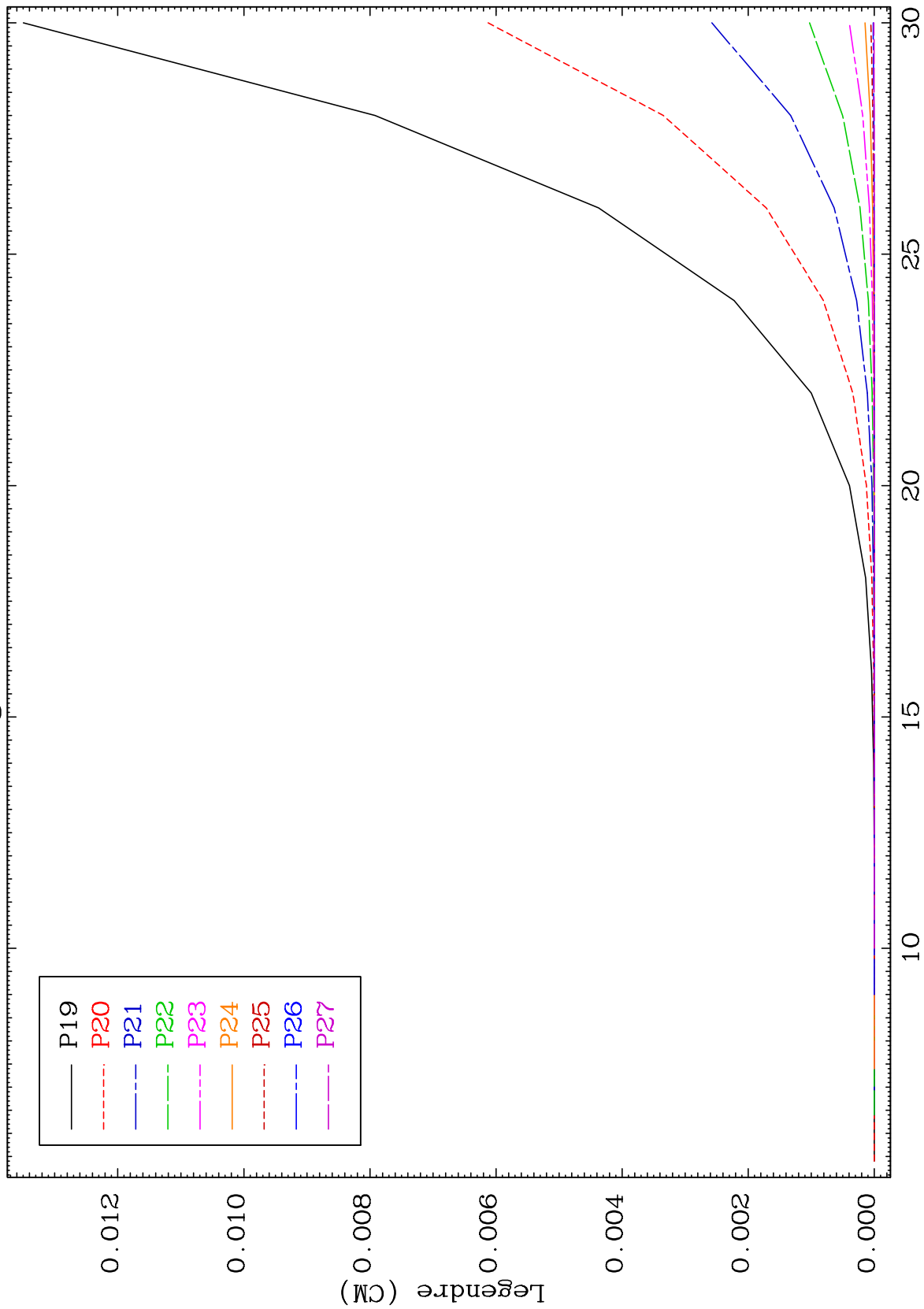




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### Elastic Legendre Coefficients

66-Dy-146



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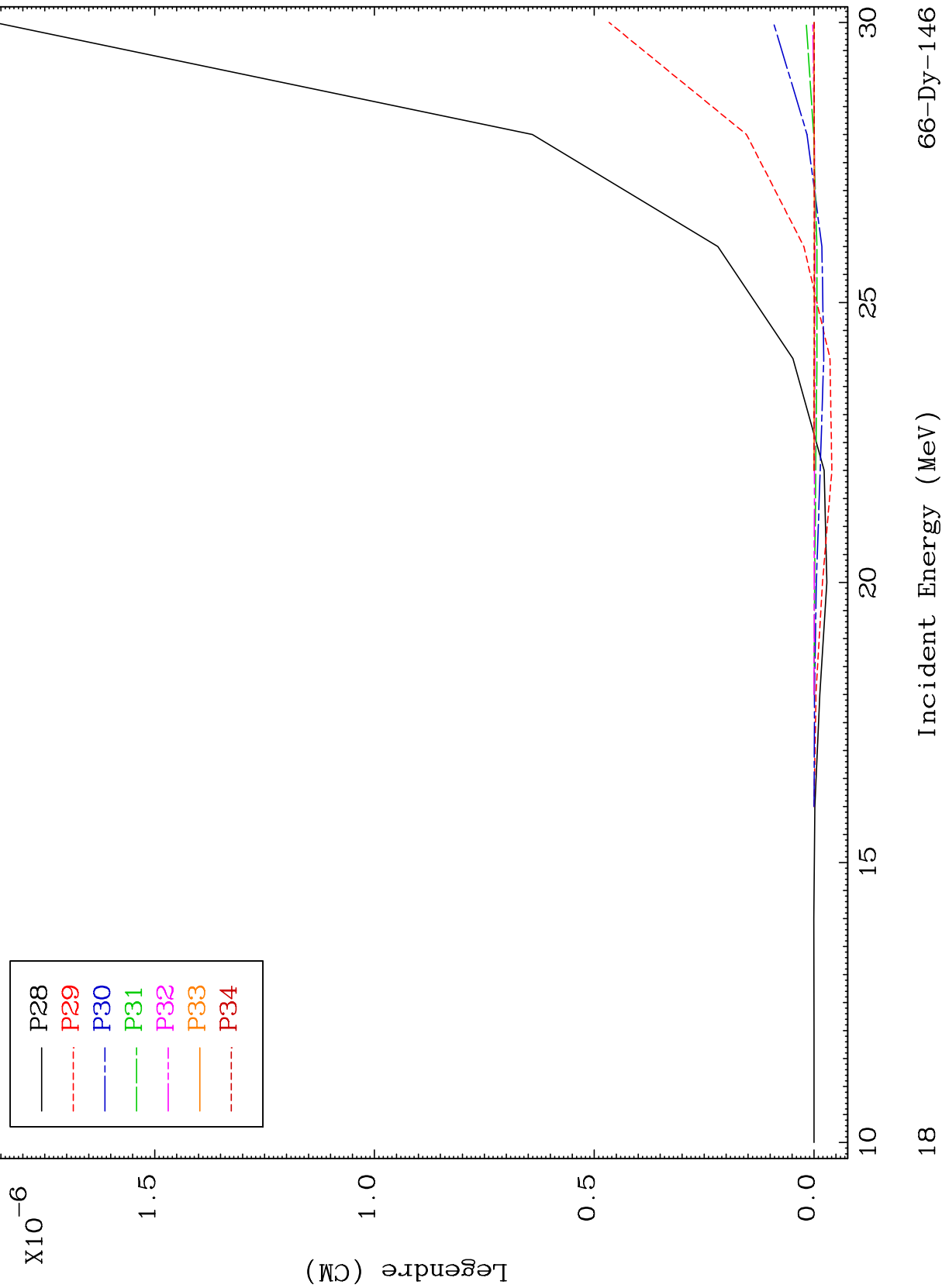
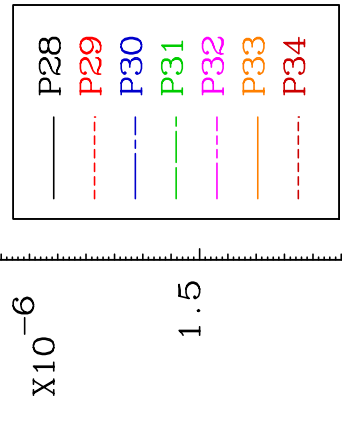
Incident Energy (MeV)

66-Dy-146

MAT 6595

Elastic Legendre Coefficients

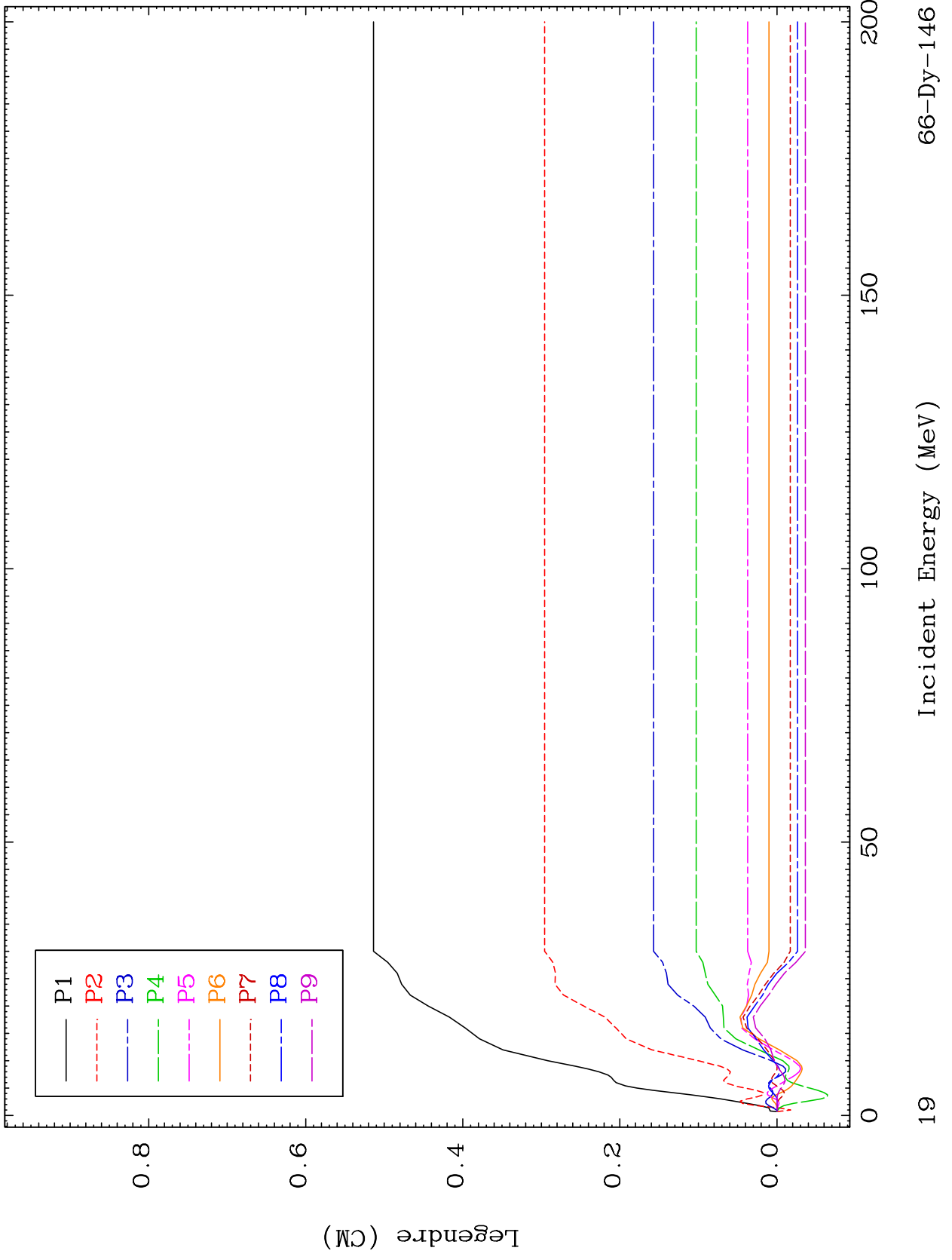
66-Dy-146



MAT 6595

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

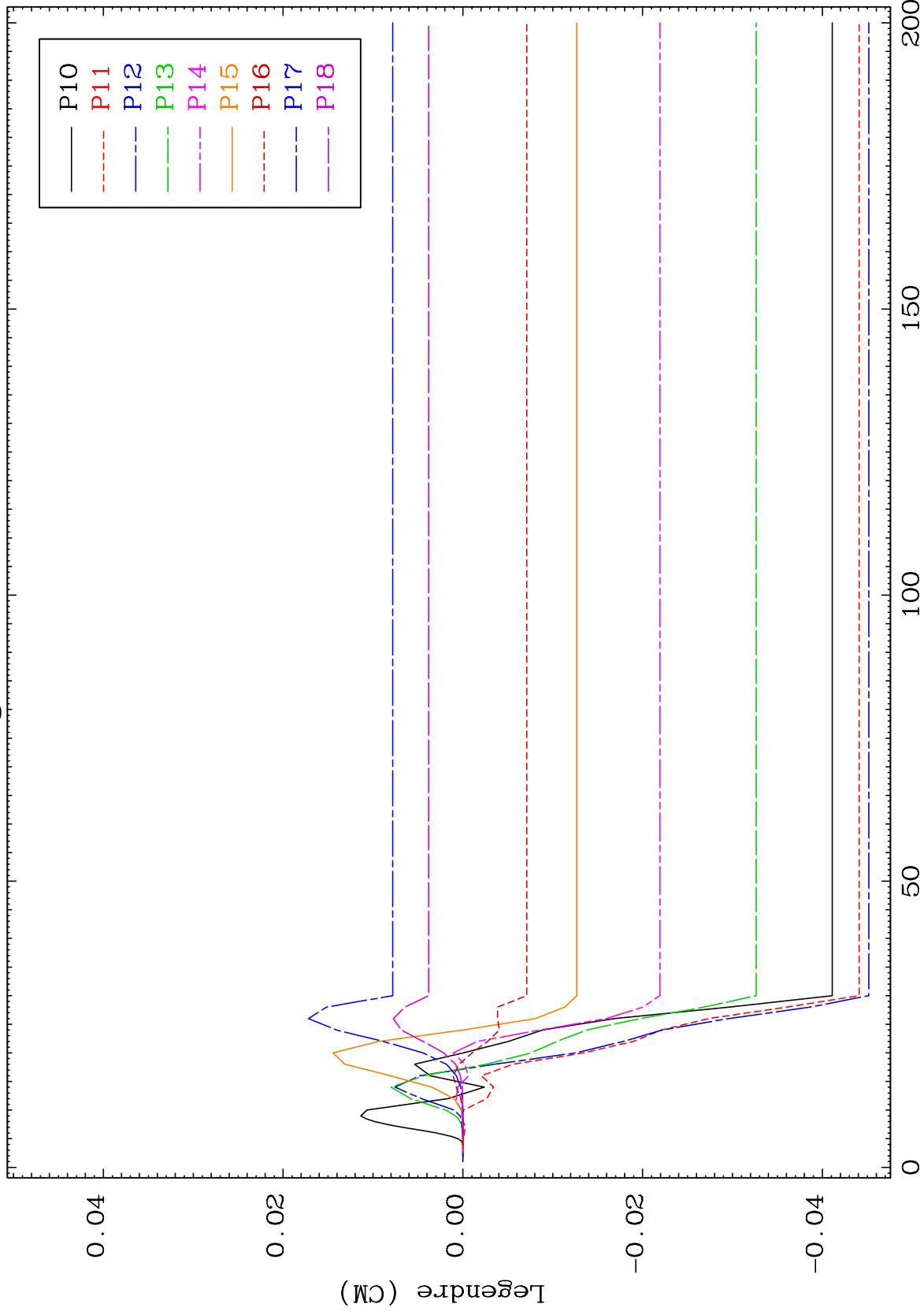
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MAT 6595

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

66-Dy-146



66-Dy-146

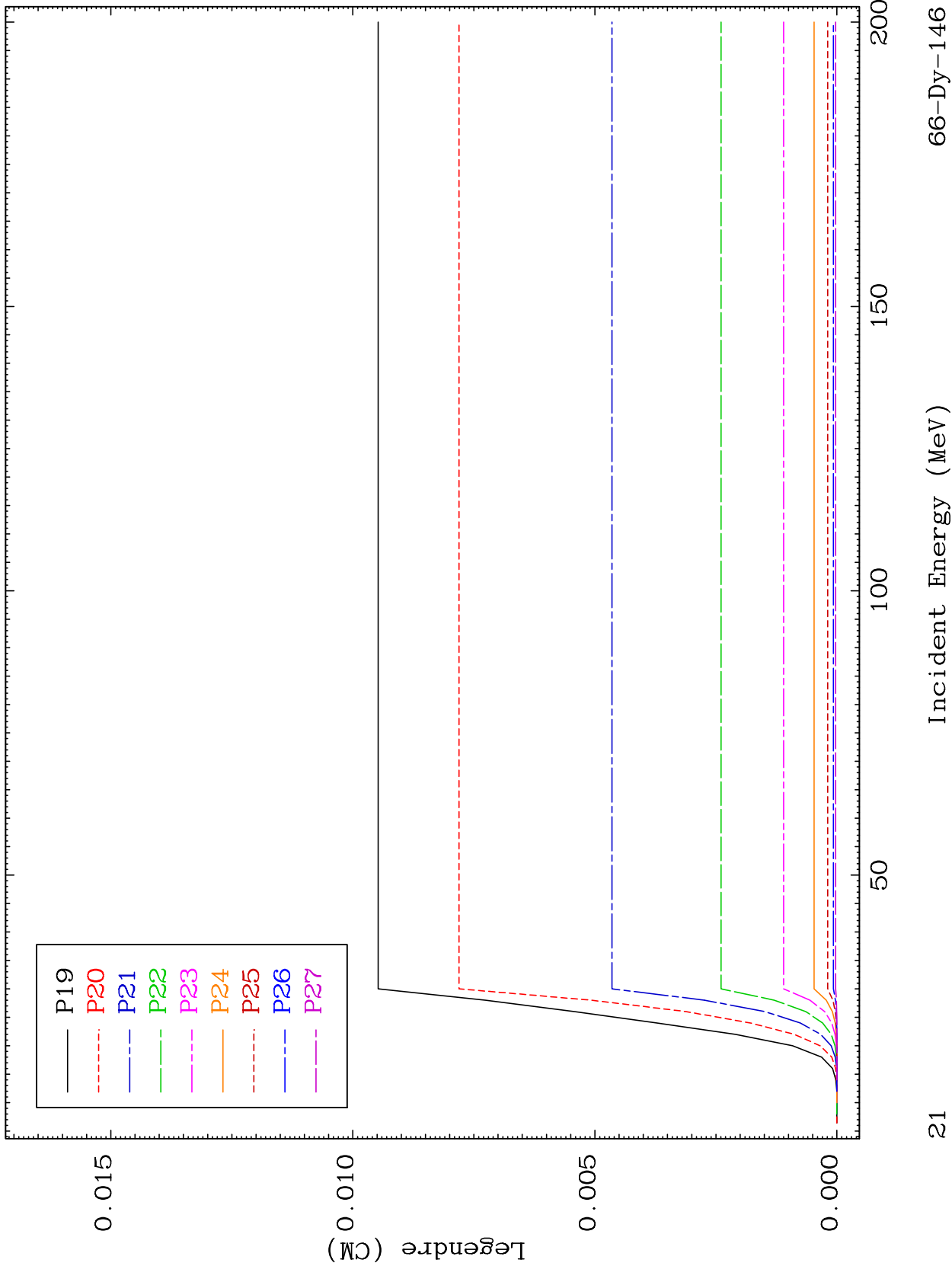
Incident Energy (MeV)

20

MAT 6595

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

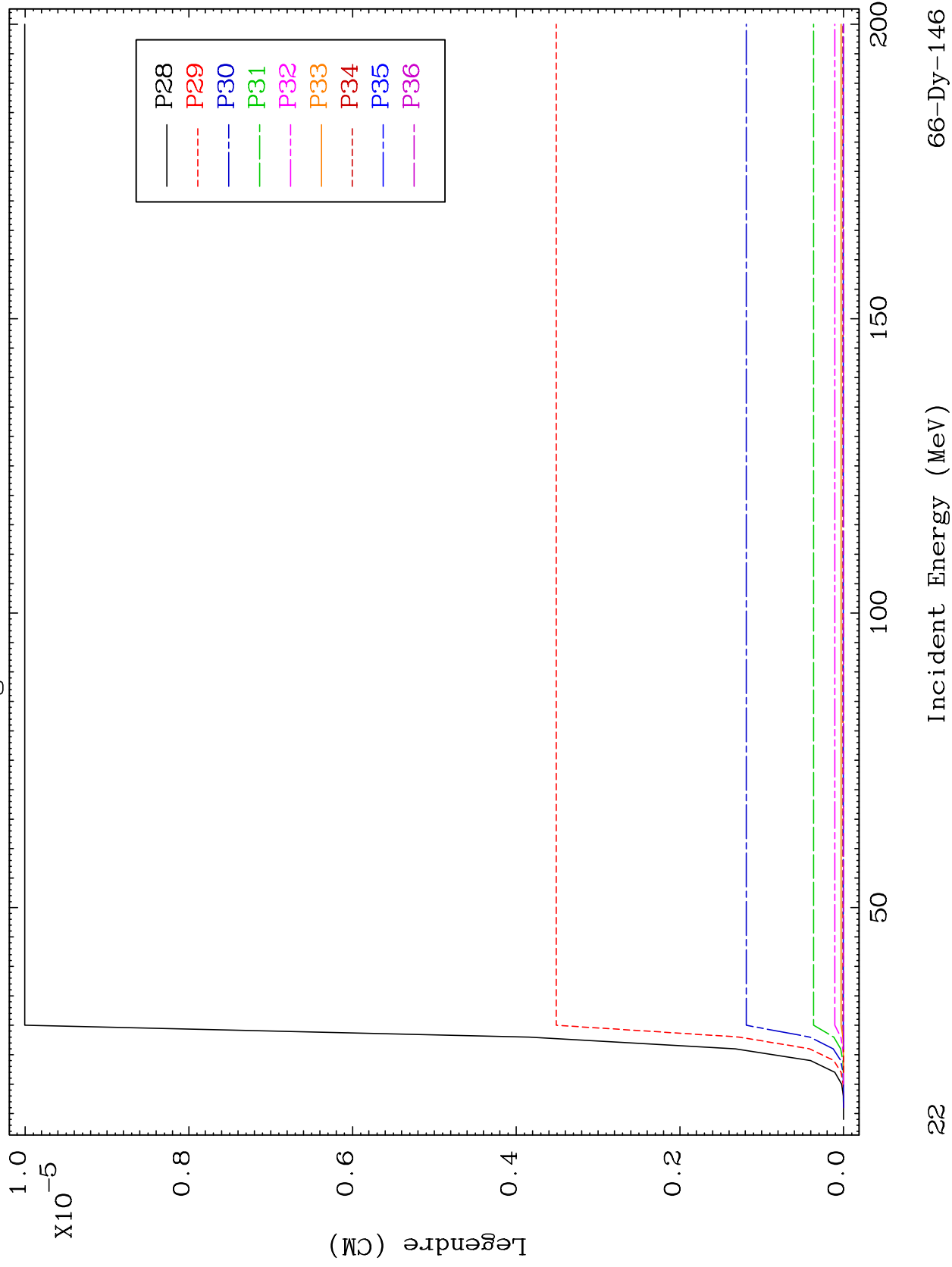
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MAT 6595

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

66-Dy-146

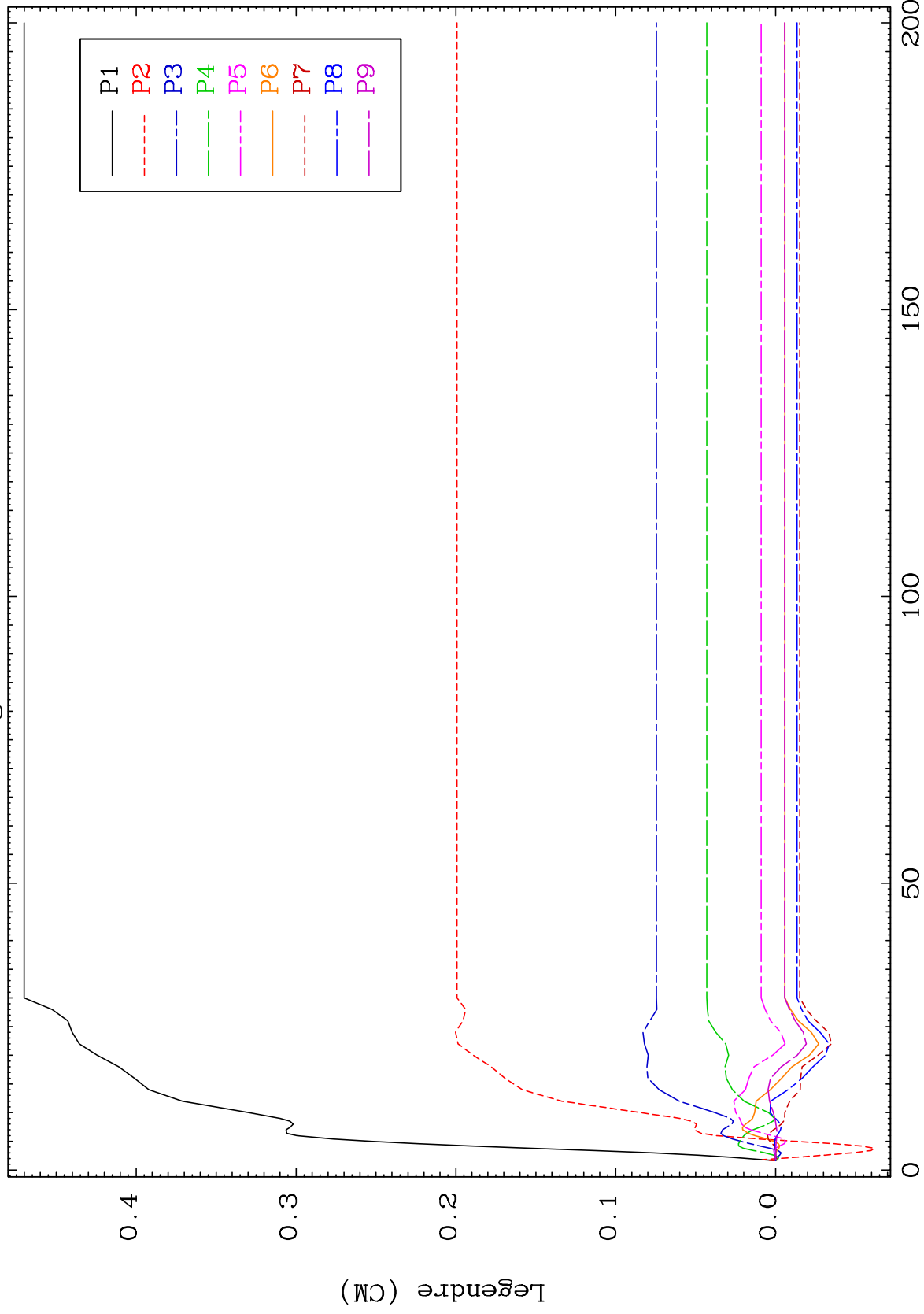


22

MAT 6595

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

66-Dy-146



23

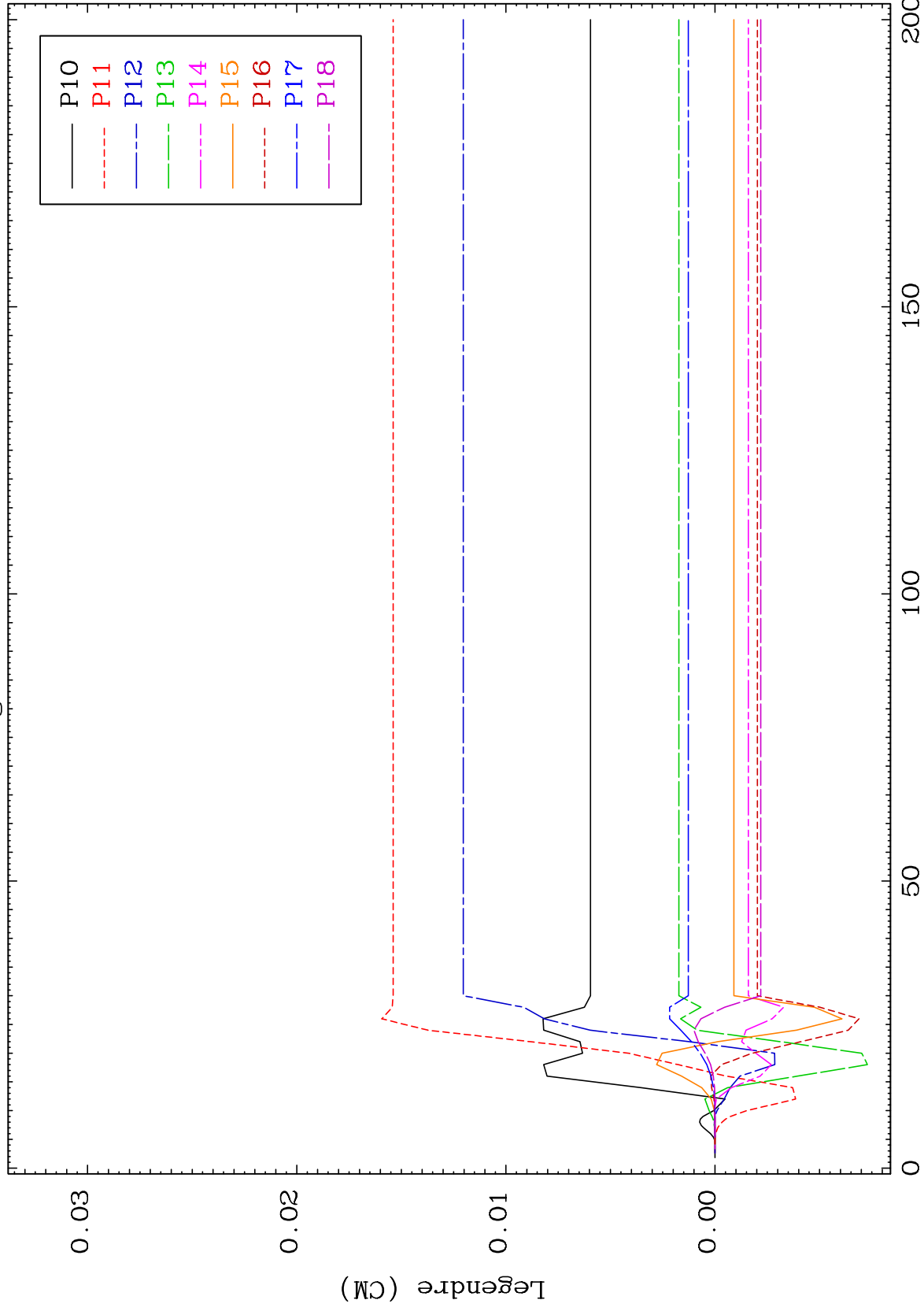
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



24

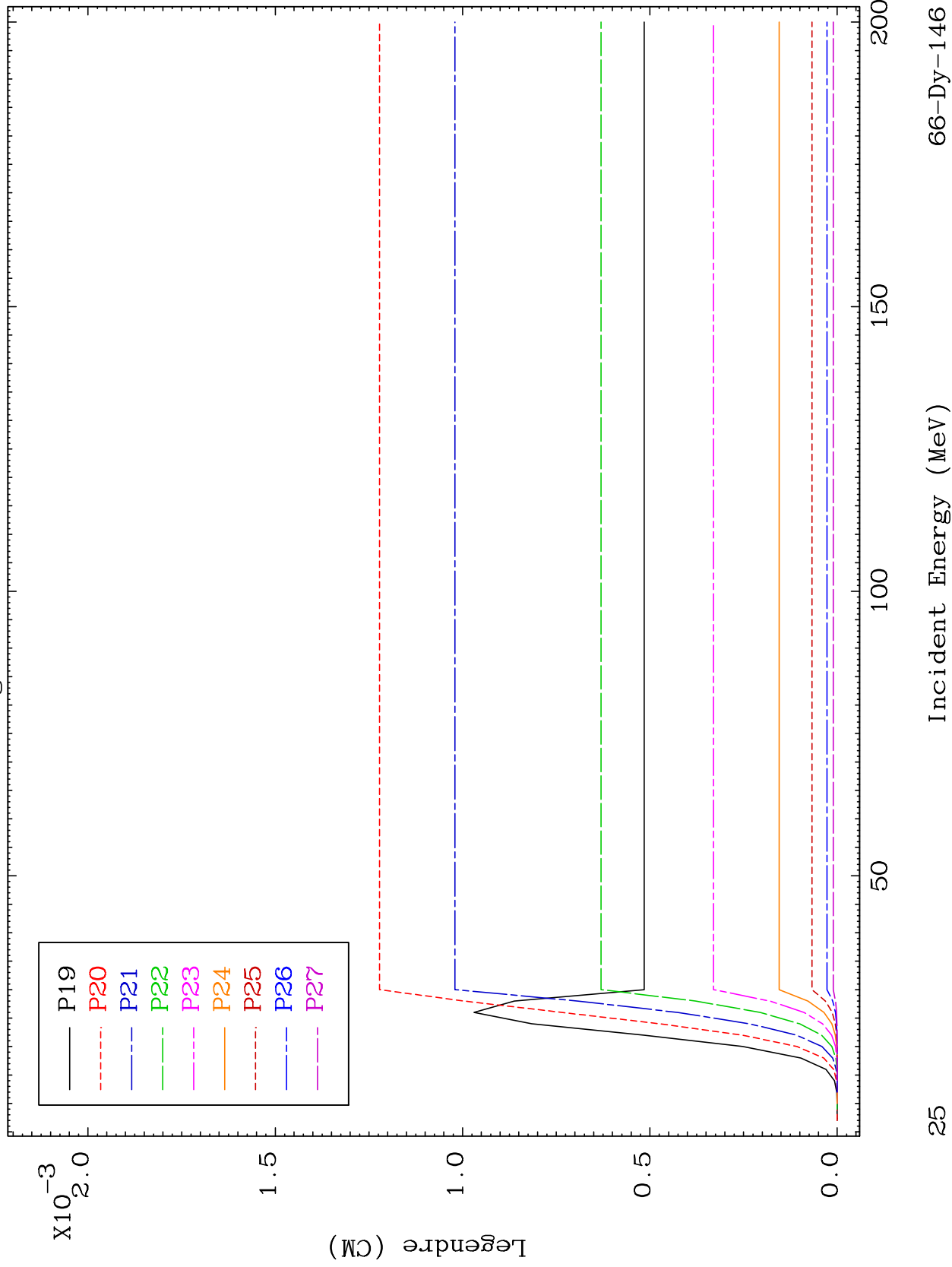
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

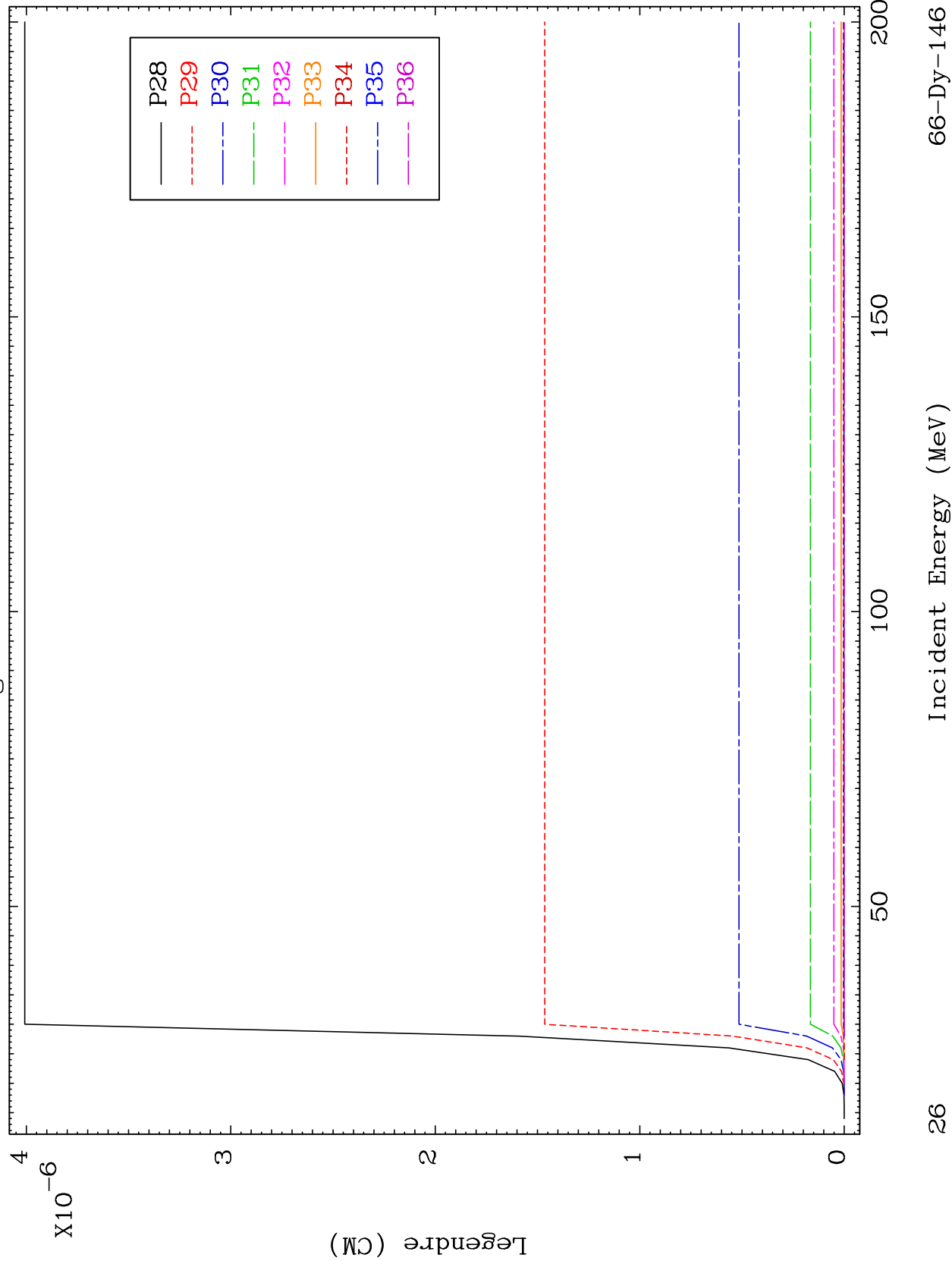
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MAT 6595

MT= 52 (n,n') Level  
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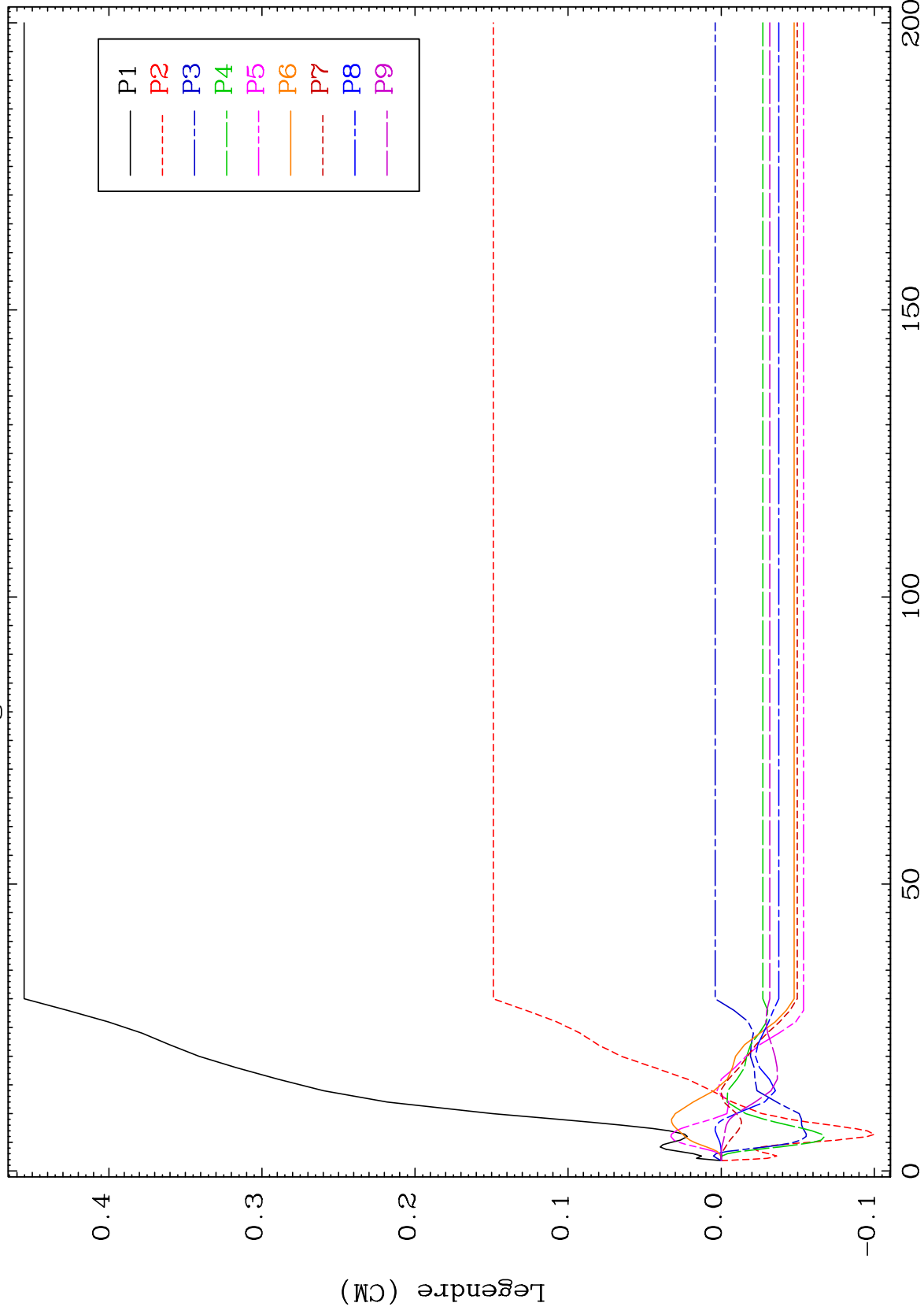
66-Dy-146



MAT 6595

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

66-Dy-146



27

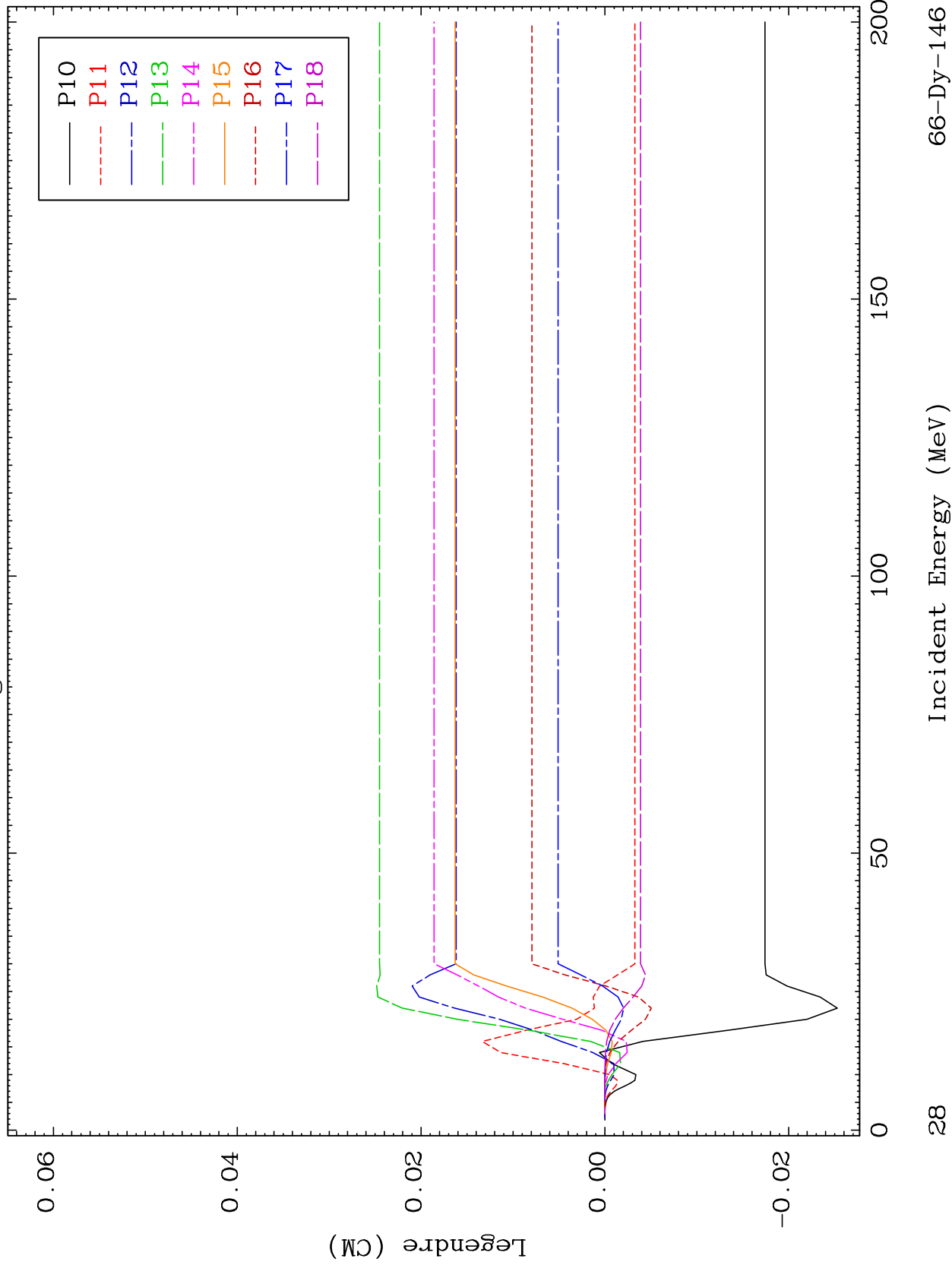
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



66-Dy-146

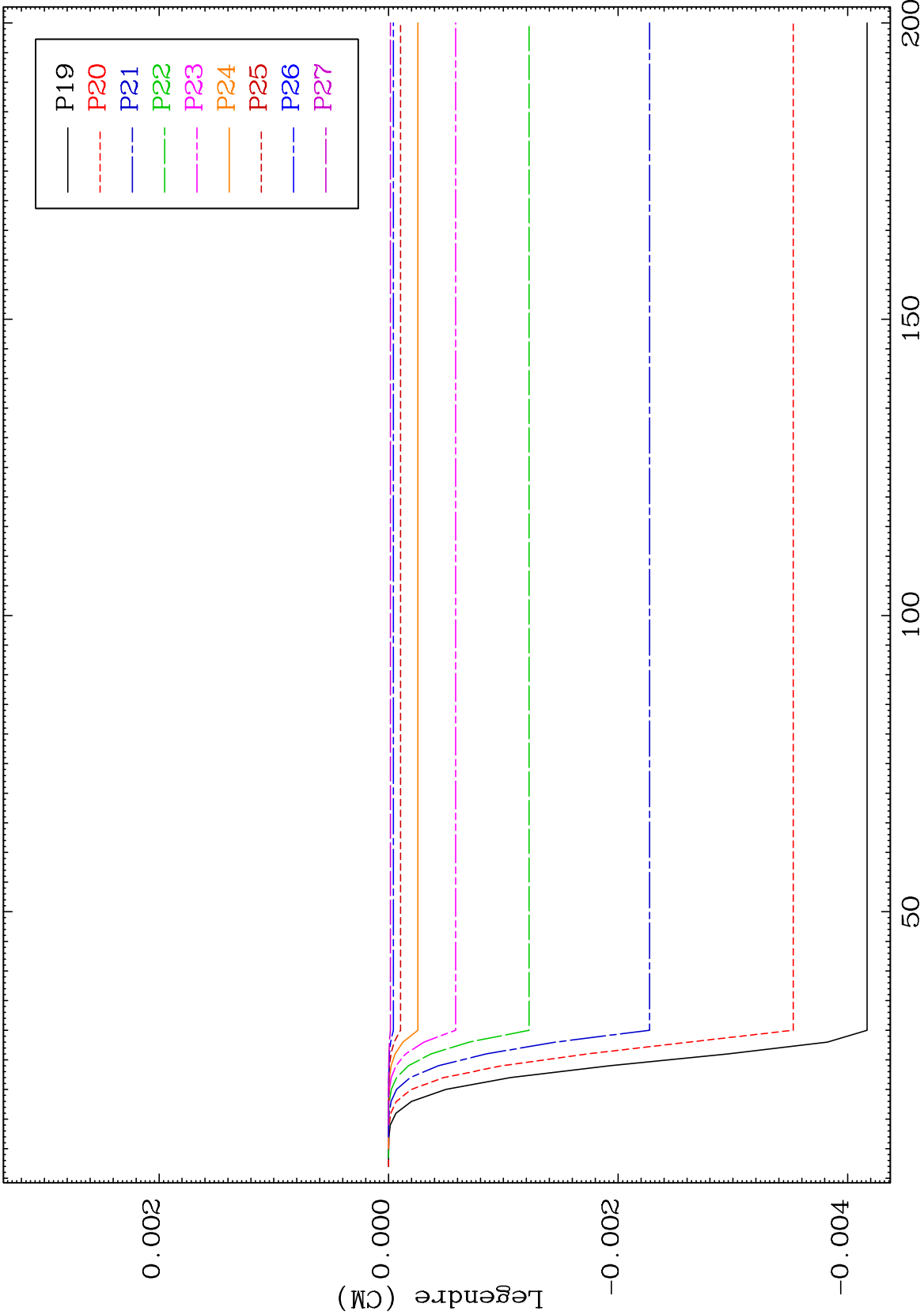
Incident Energy (MeV)

28

MAT 6595

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

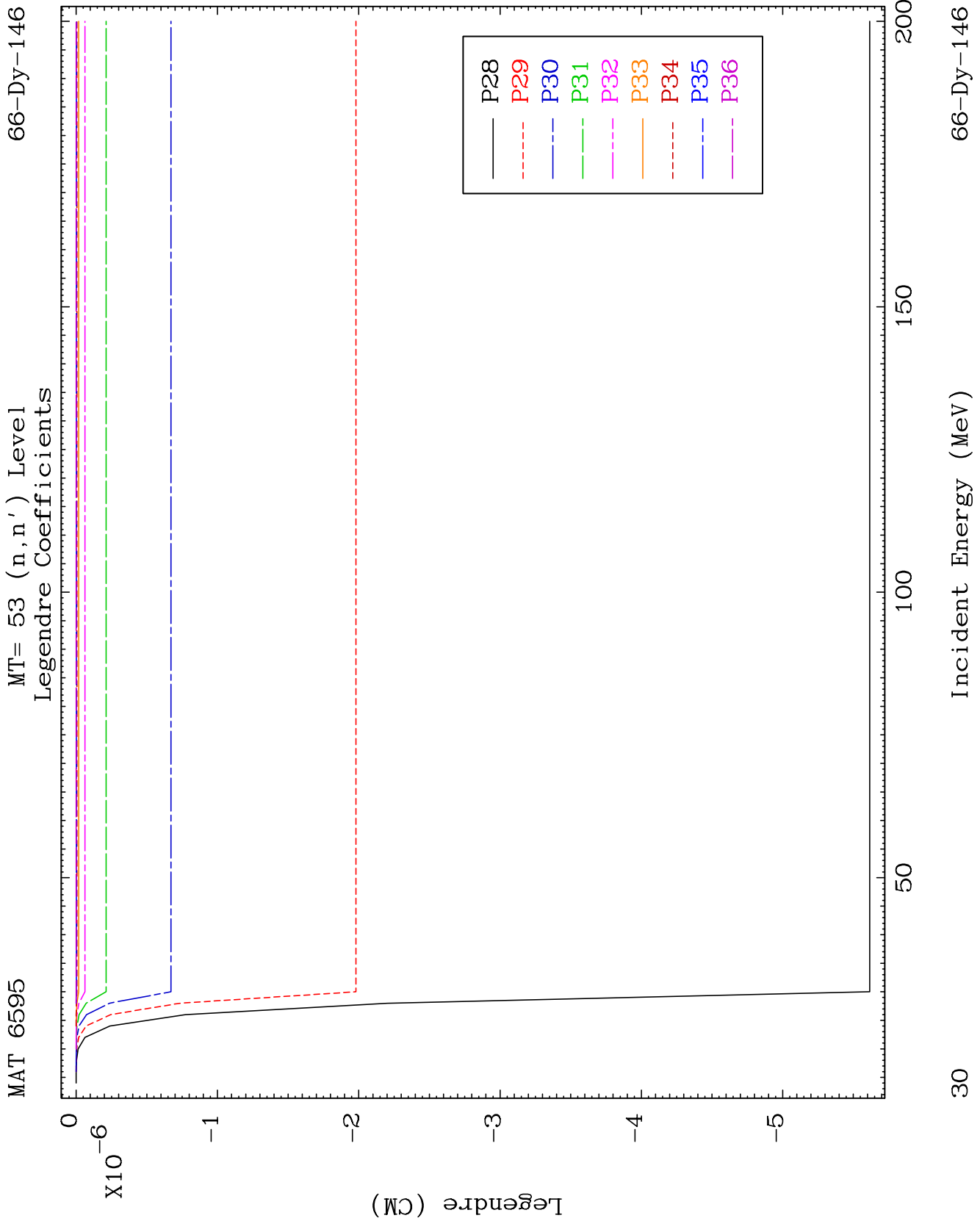
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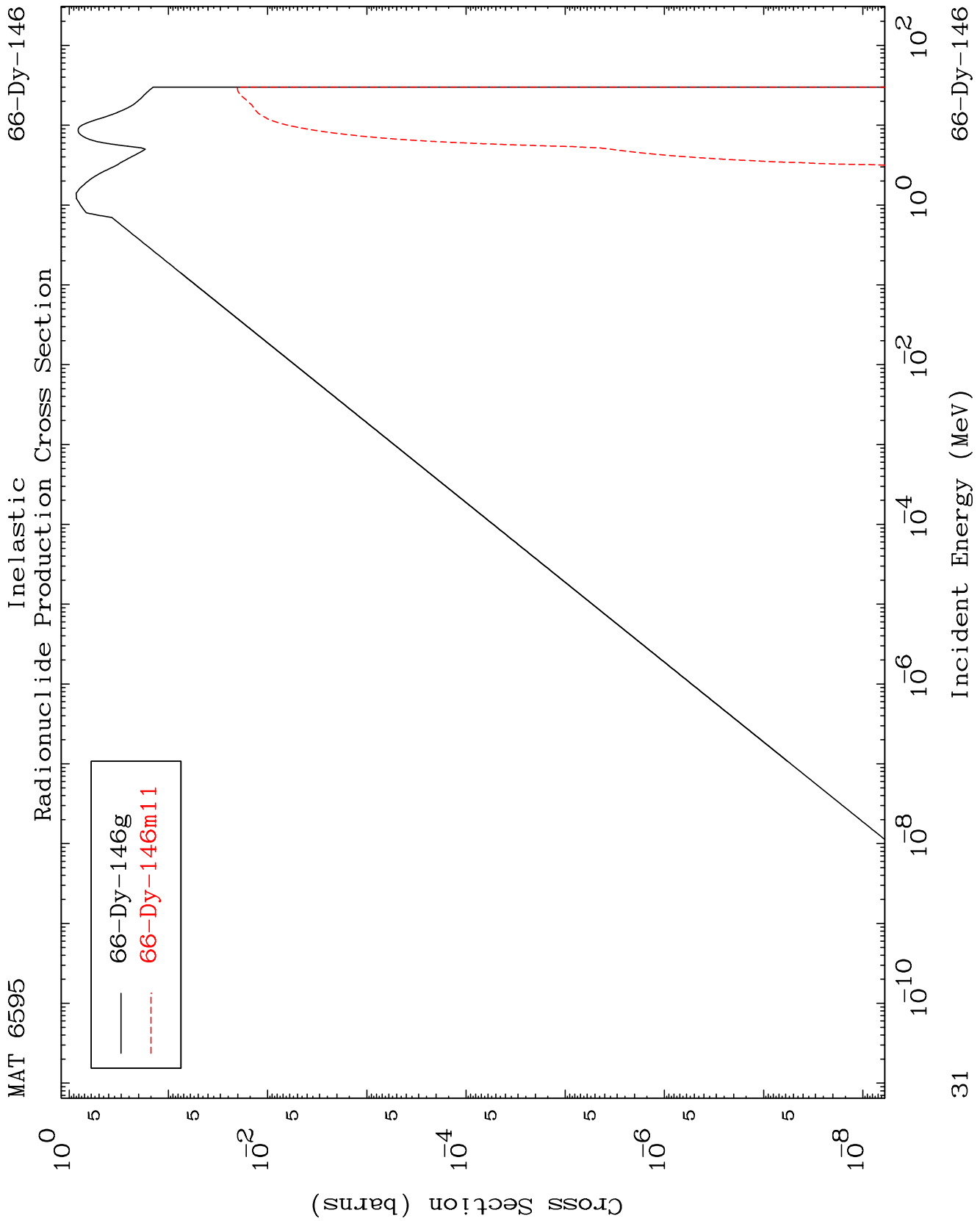


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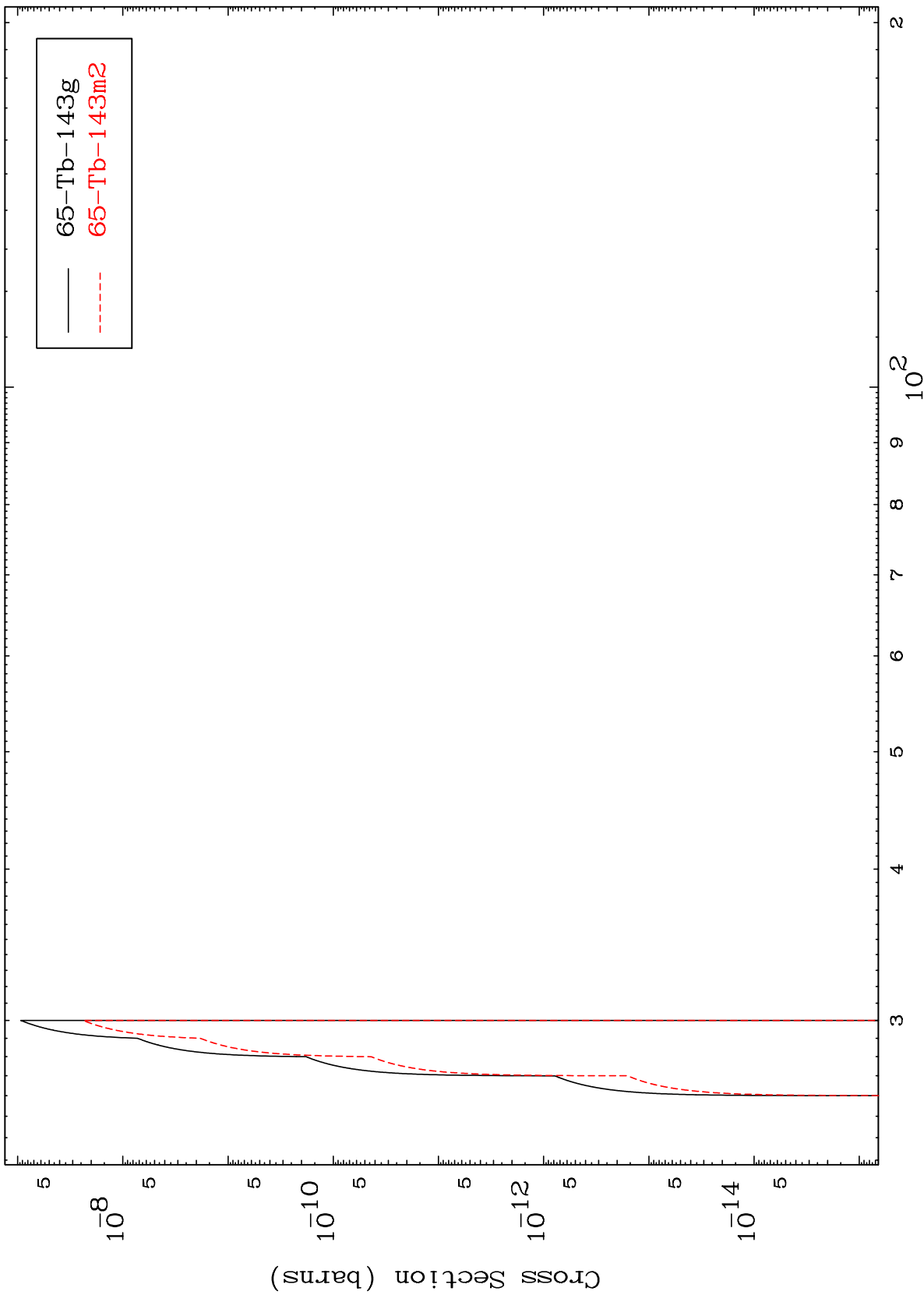
Incident Energy (MeV)

66-Dy-146





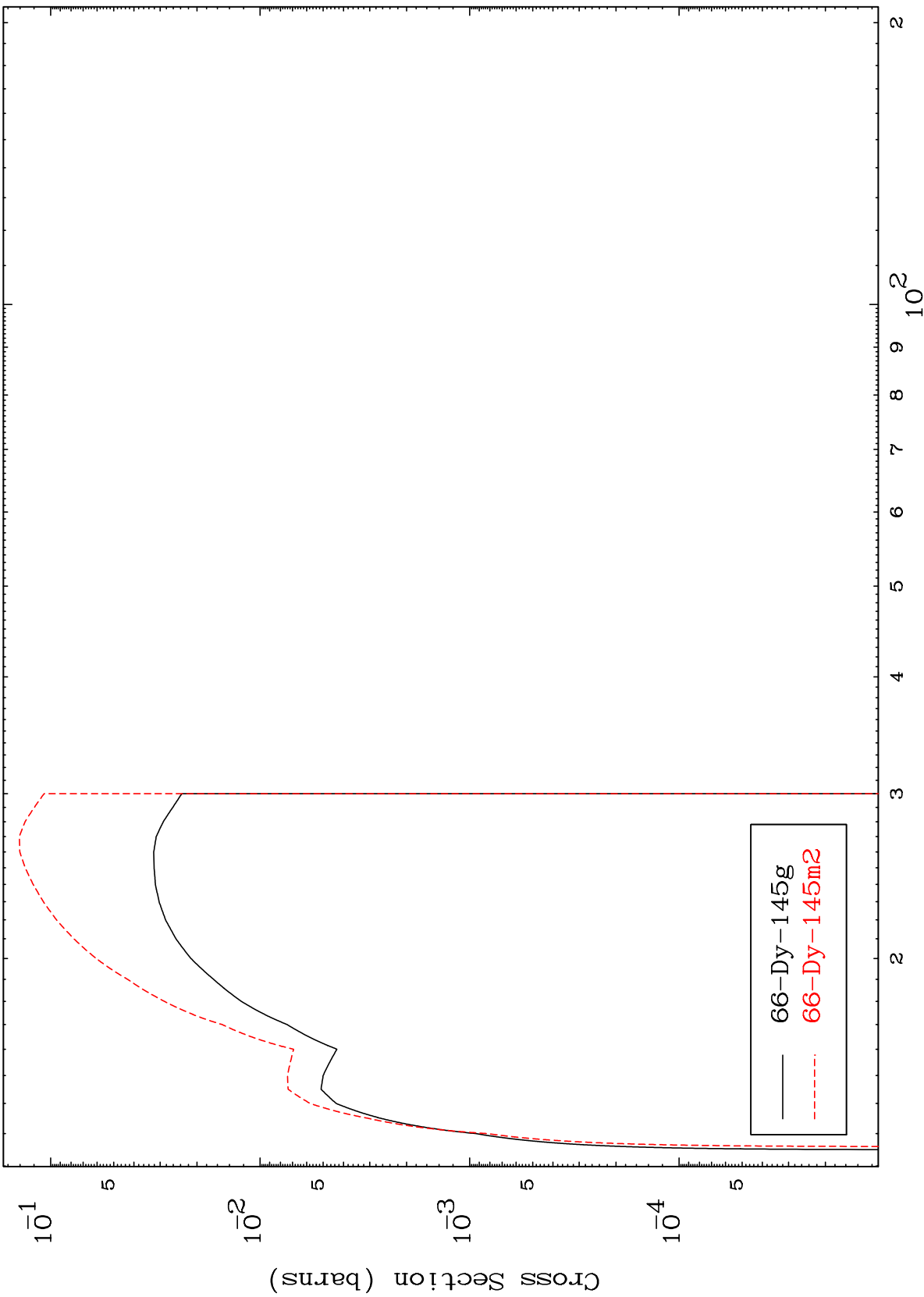
Radionuclide Production Cross Section



MAT 6595

66-Dy-146

(n,2n)  
Radionuclide Production Cross Section



66-Dy-146

Incident Energy (MeV)

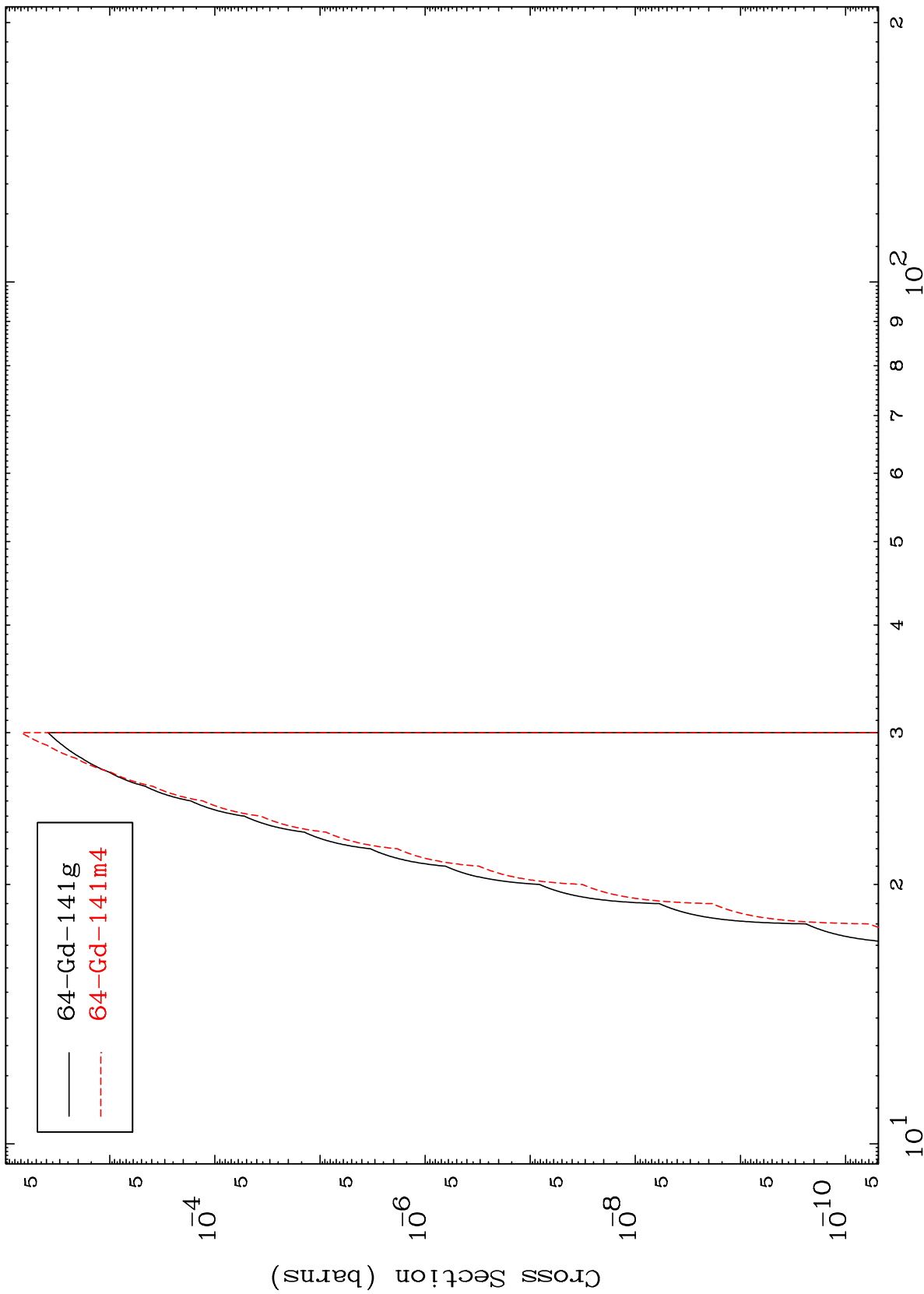
33

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(n,2n)  $\alpha$

66-Dy-146

Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

Incident Energy (MeV)

66-Dy-146

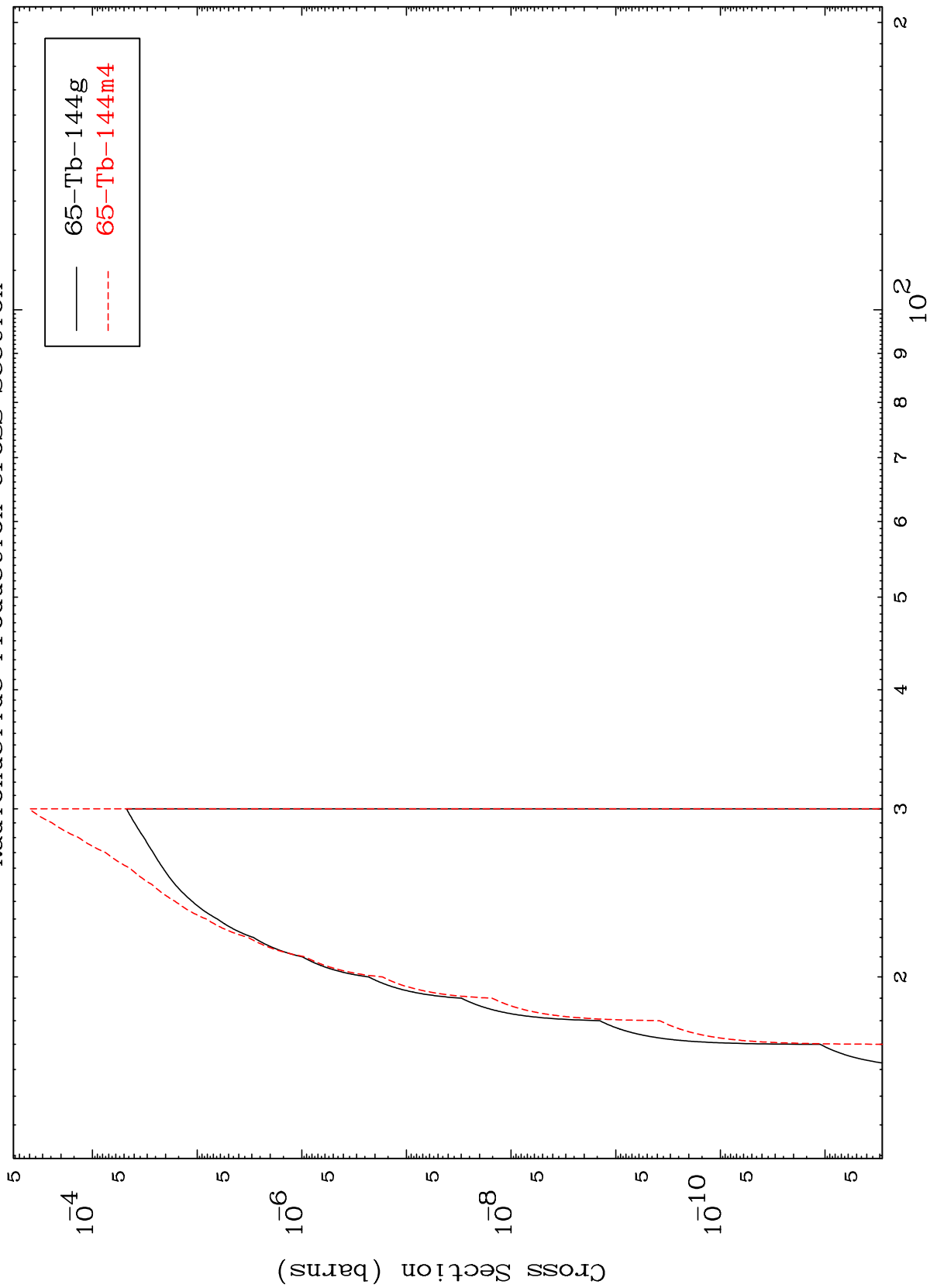
34

MAT 6595

(n,n') d

66-Dy-146

Radionuclide Production Cross Section

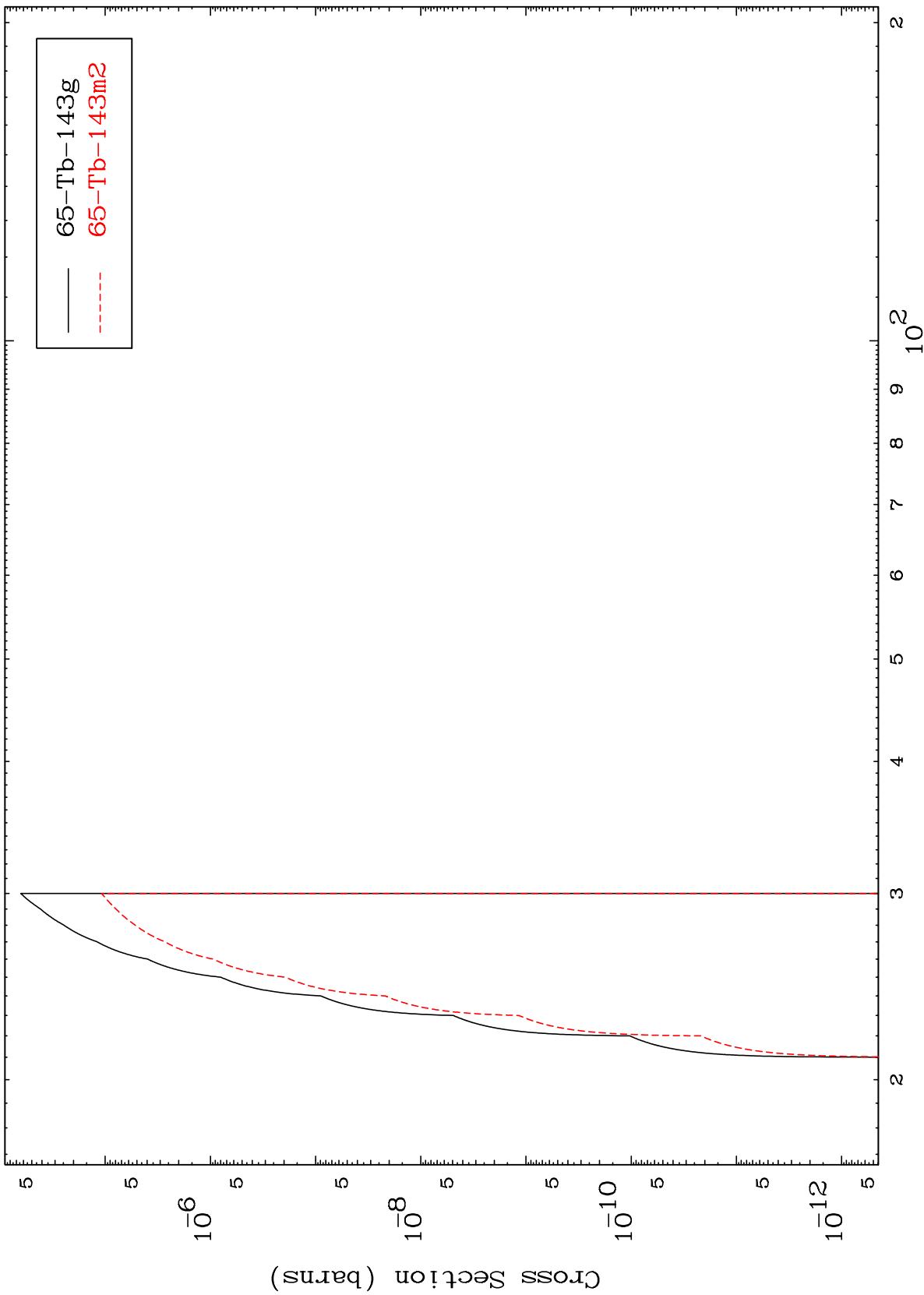


35

Incident Energy (MeV)

66-Dy-146

Radionuclide Production Cross Section

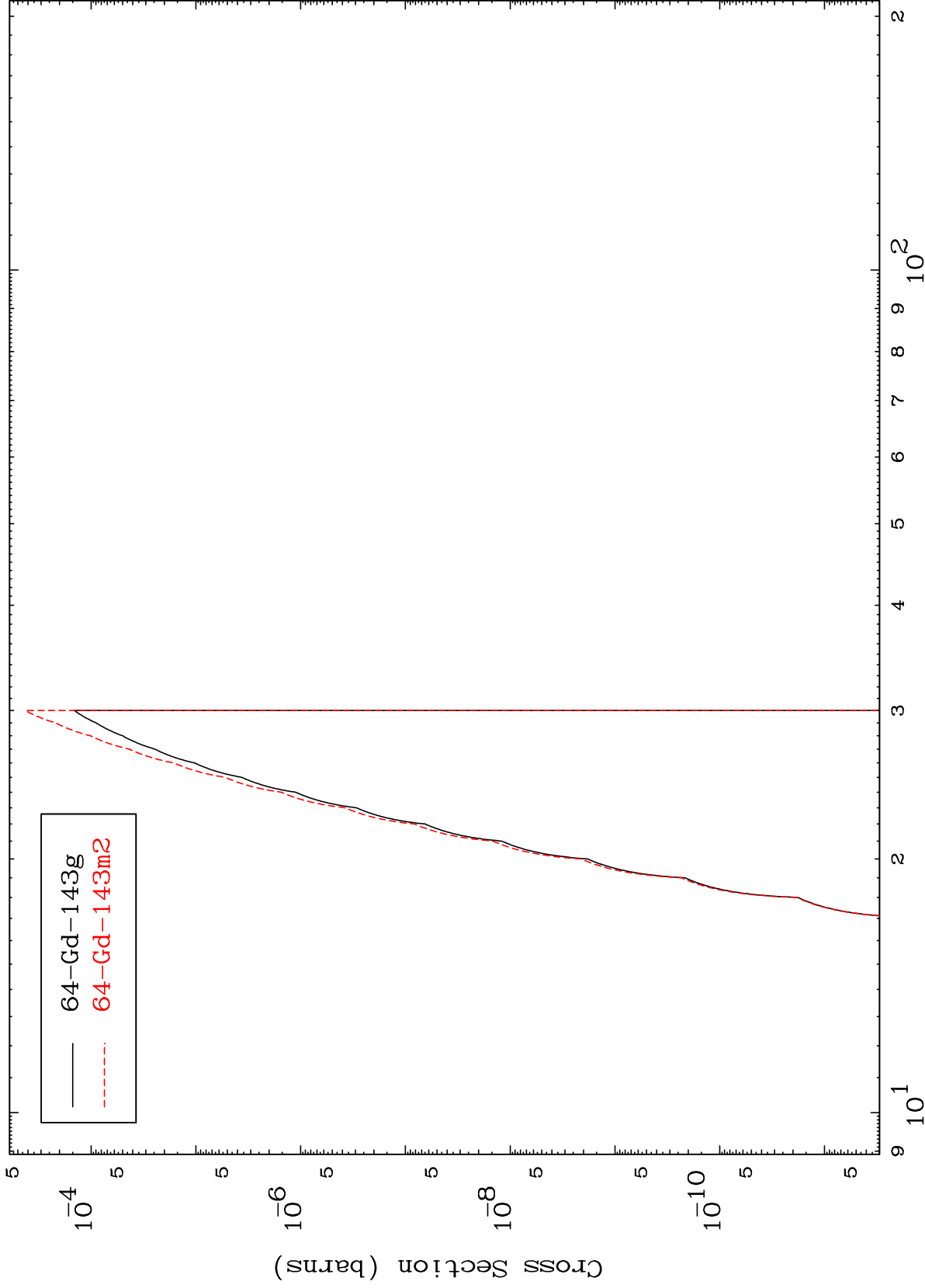


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(n,n') He-3

66-Dy-146

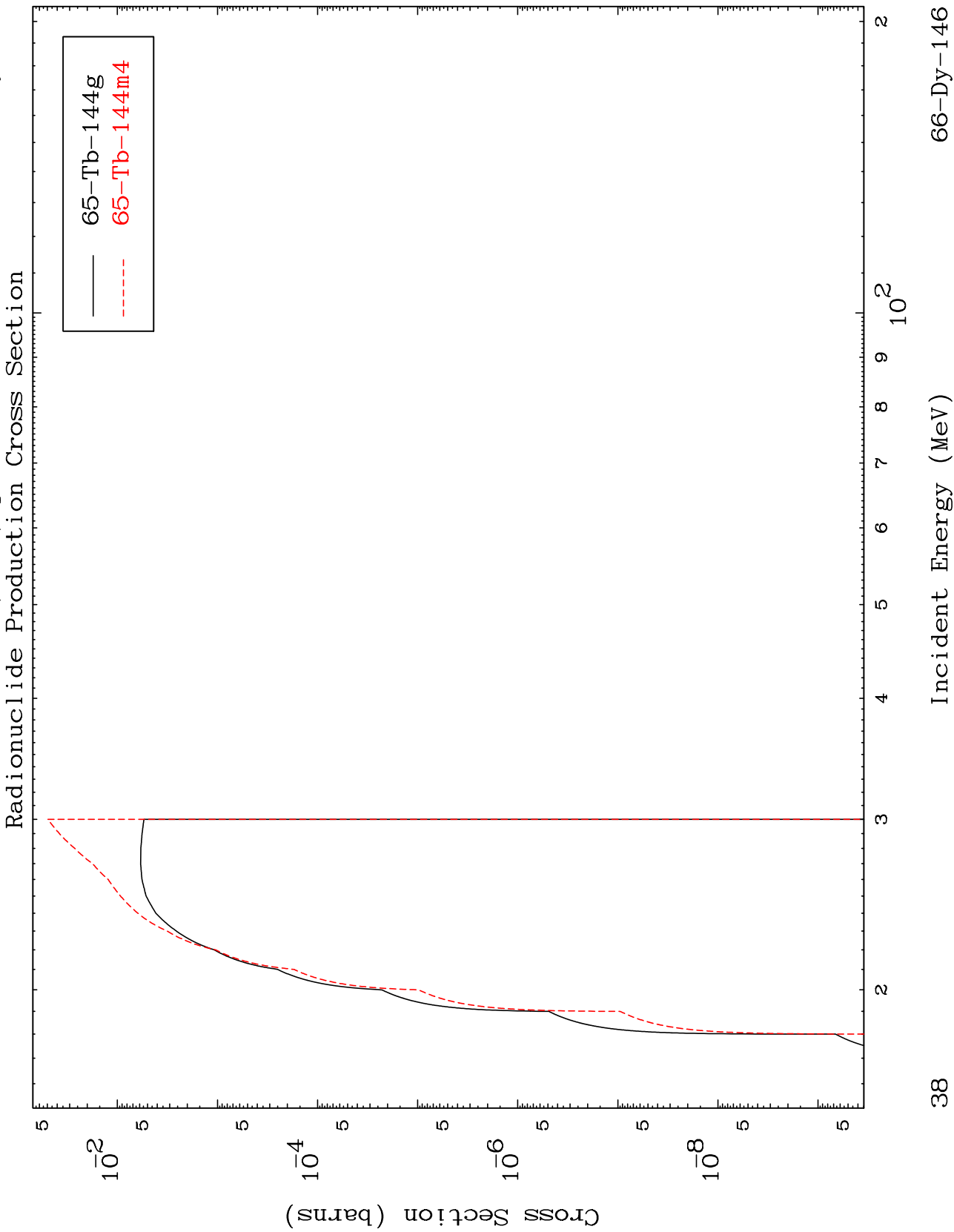
Radionuclide Production Cross Section



37

Incident Energy (MeV)

66-Dy-146

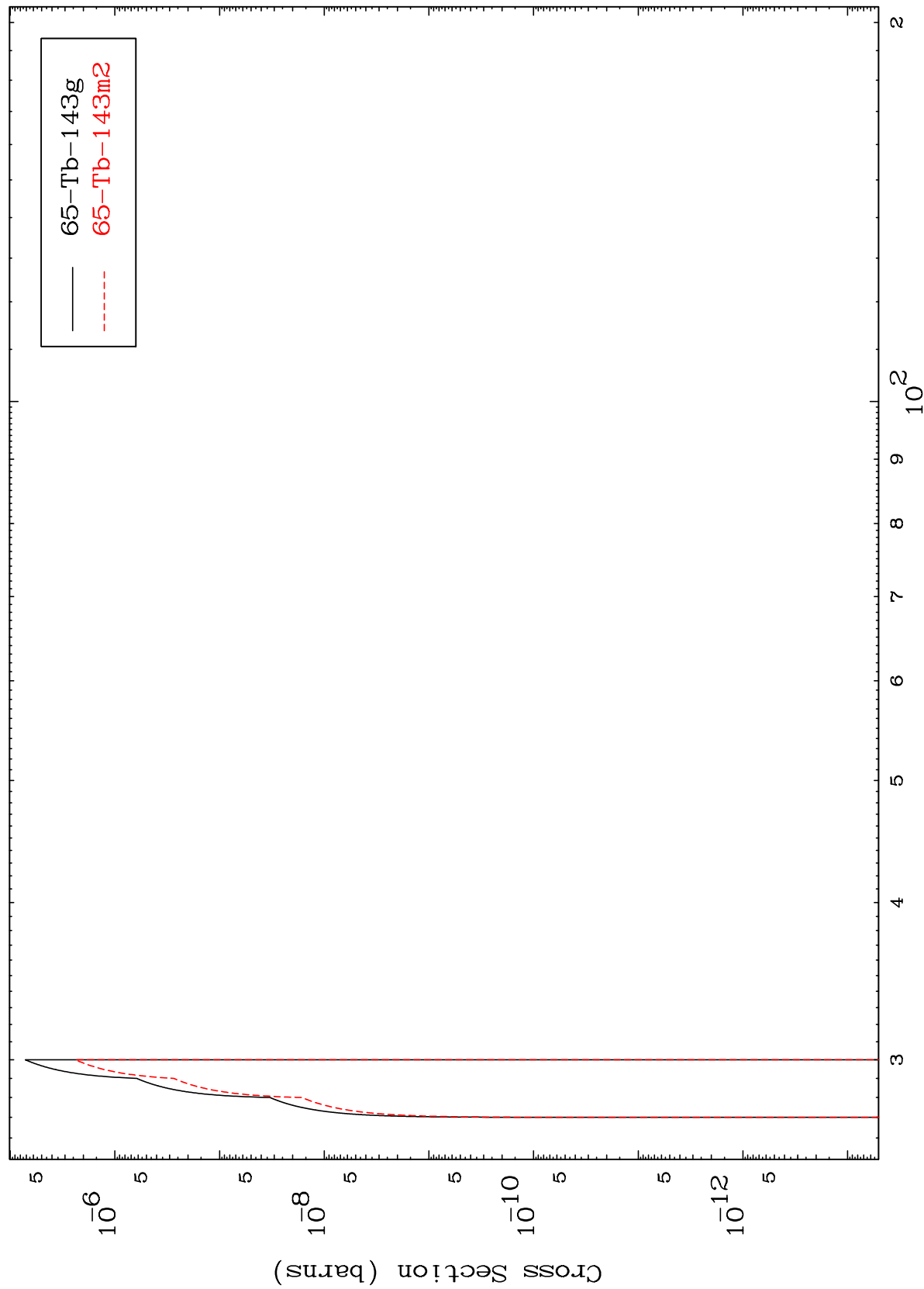


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(n,3n) p

66-Dy-146

Radionuclide Production Cross Section



39

Incident Energy (MeV)

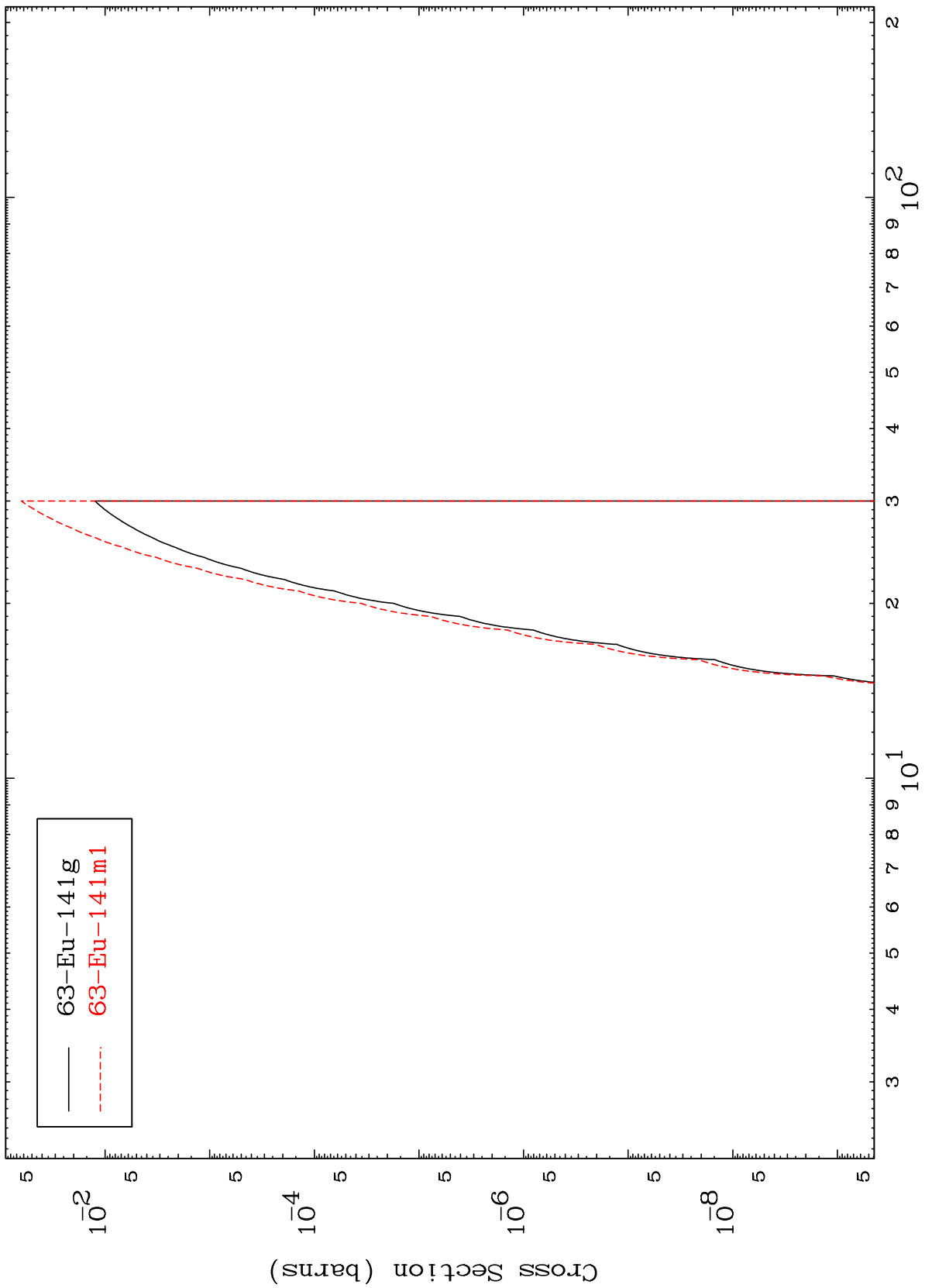
66-Dy-146

MAT 6595

(n,n') p  $\alpha$

66-Dy-146

Radionuclide Production Cross Section



40

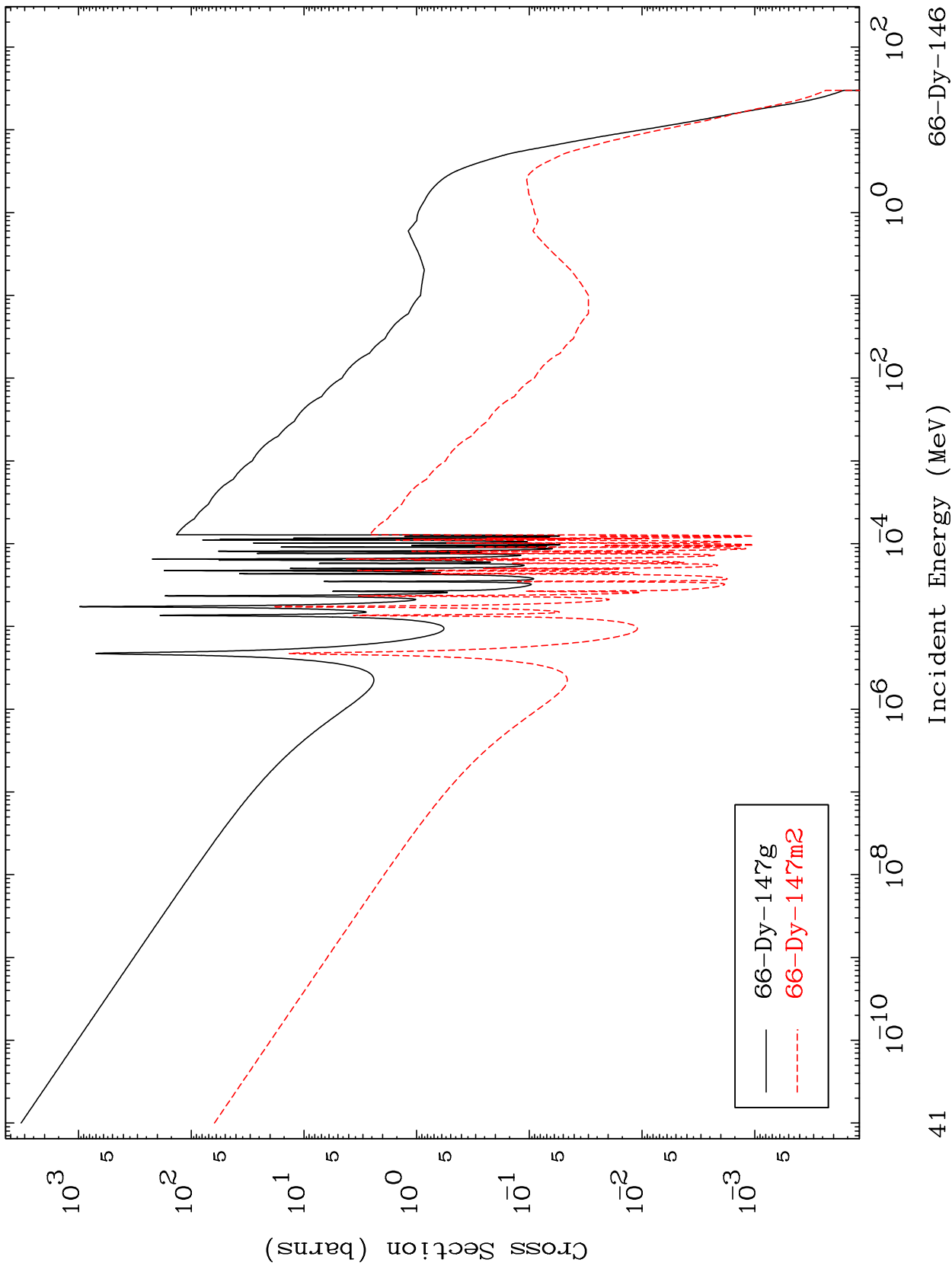
Incident Energy (MeV)

66-Dy-146

MAT 6595

66-Dy-146

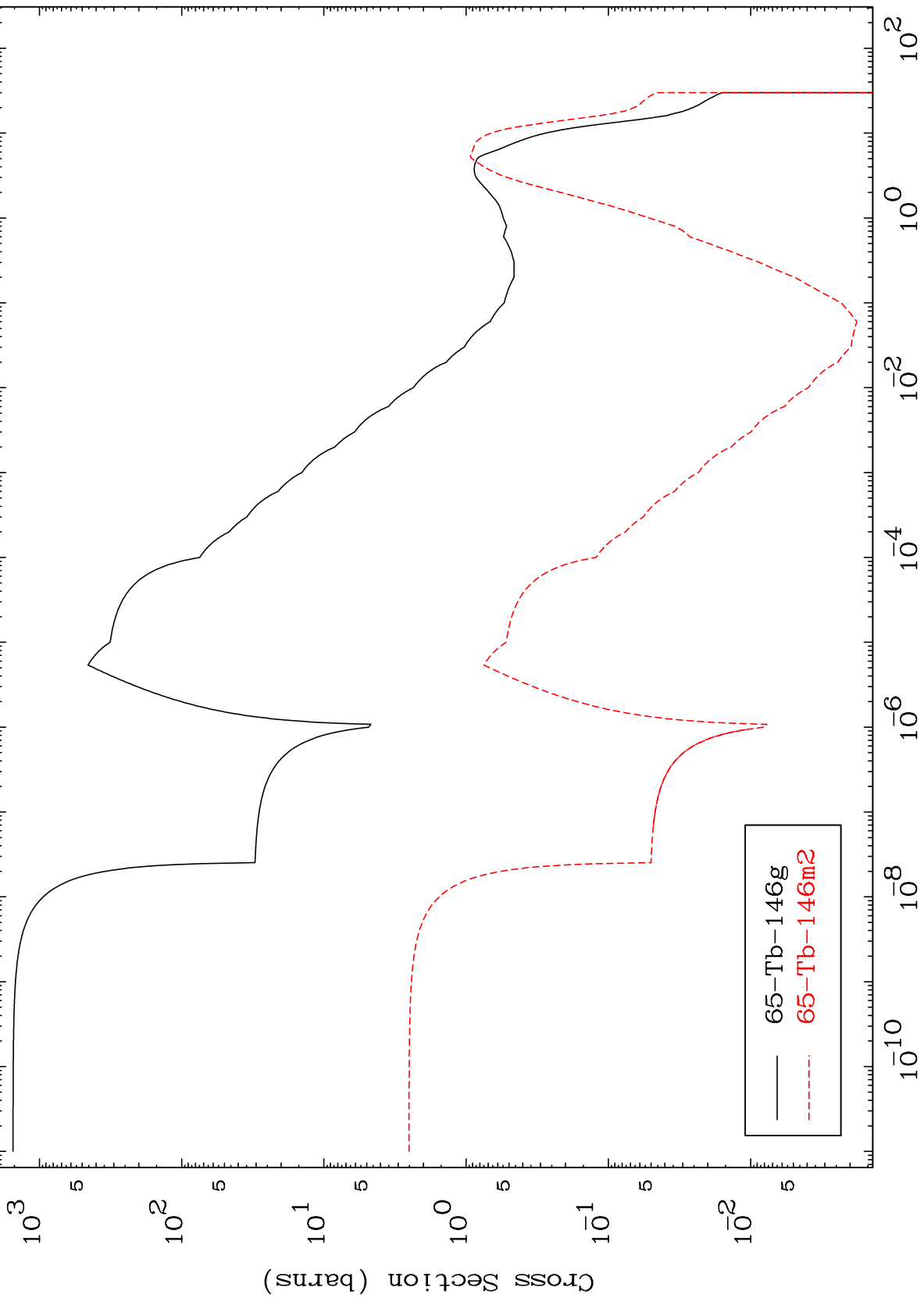
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 6595

66-Dy-146

(n,p)  
Radionuclide Production Cross Section



66-Dy-146

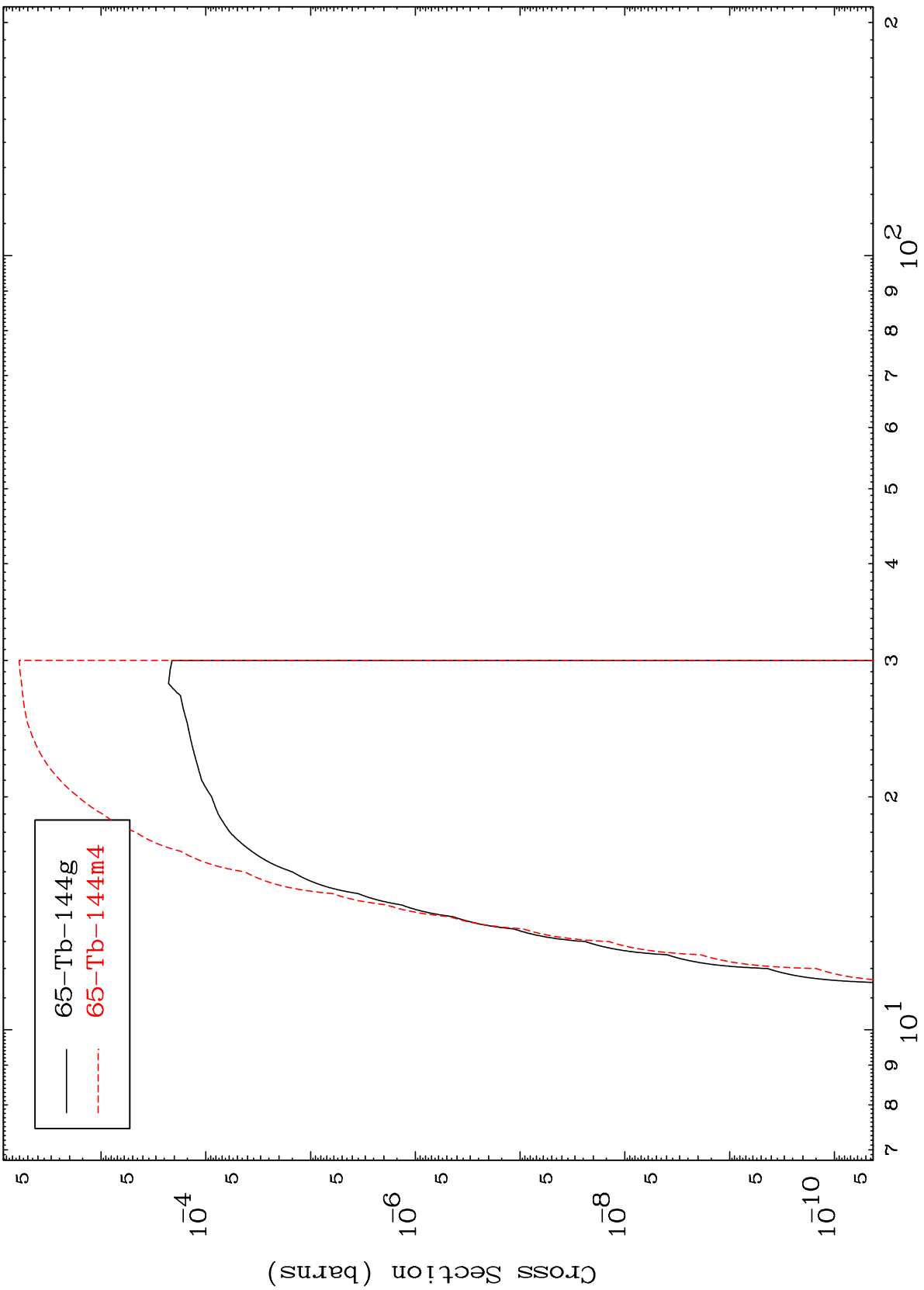
Incident Energy (MeV)

42

MAT 6595

66-Dy-146

(n,t)  
Radionuclide Production Cross Section



43

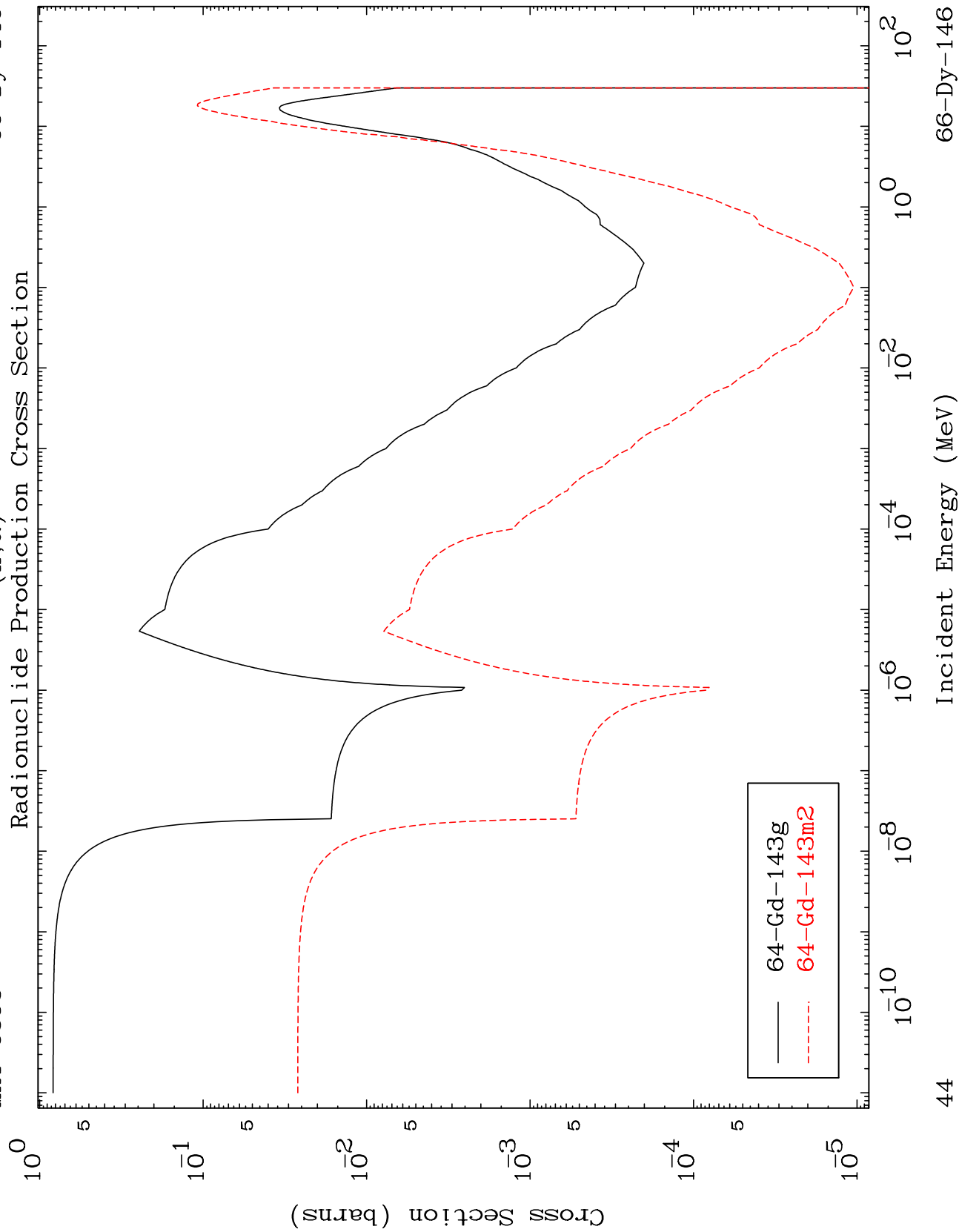
Incident Energy (MeV)

66-Dy-146

MAT 6595

66-Dy-146

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

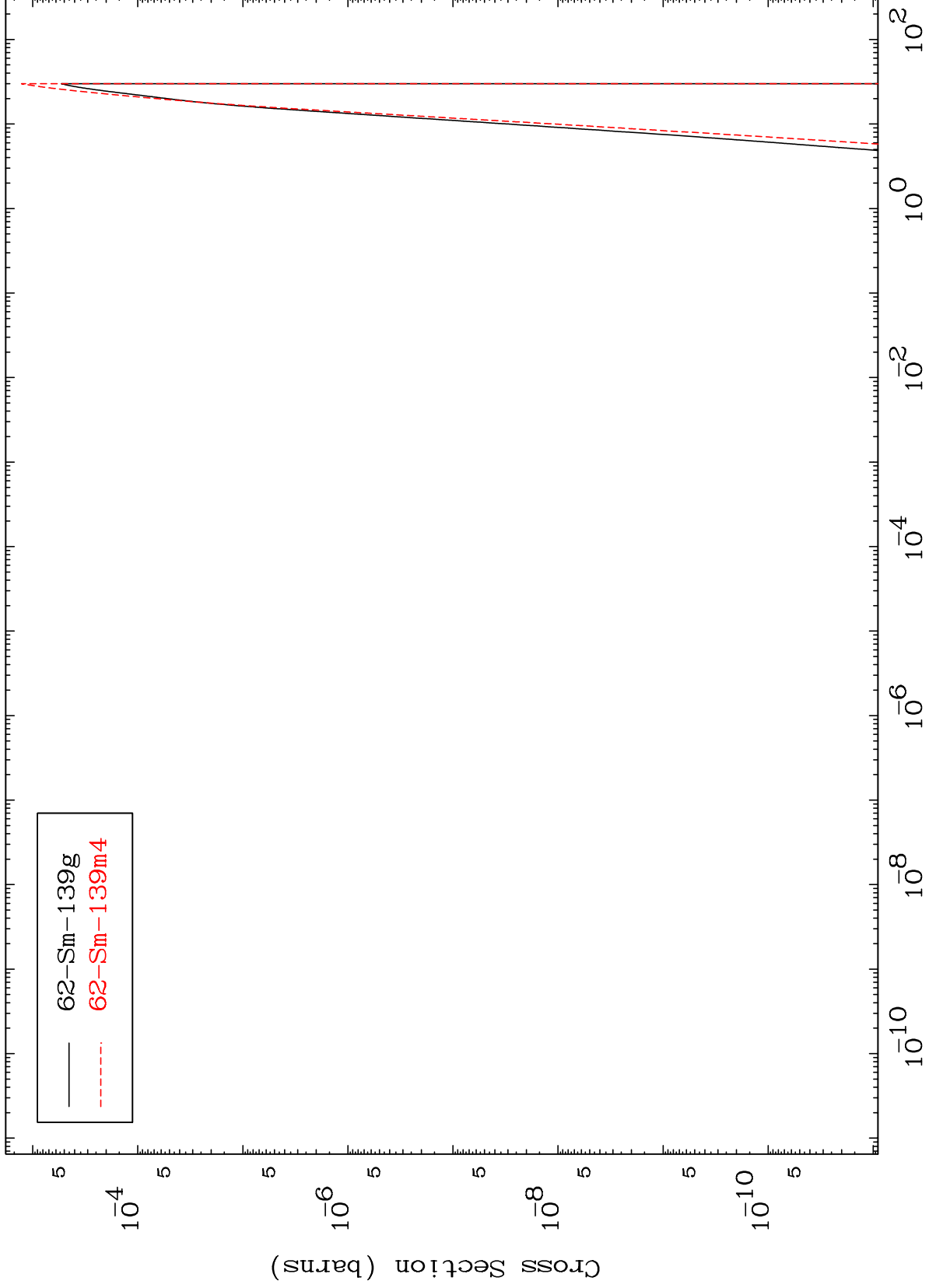


MAT 6595

(n,2α)

66-Dy-146

Radionuclide Production Cross Section



45

Incident Energy (MeV)

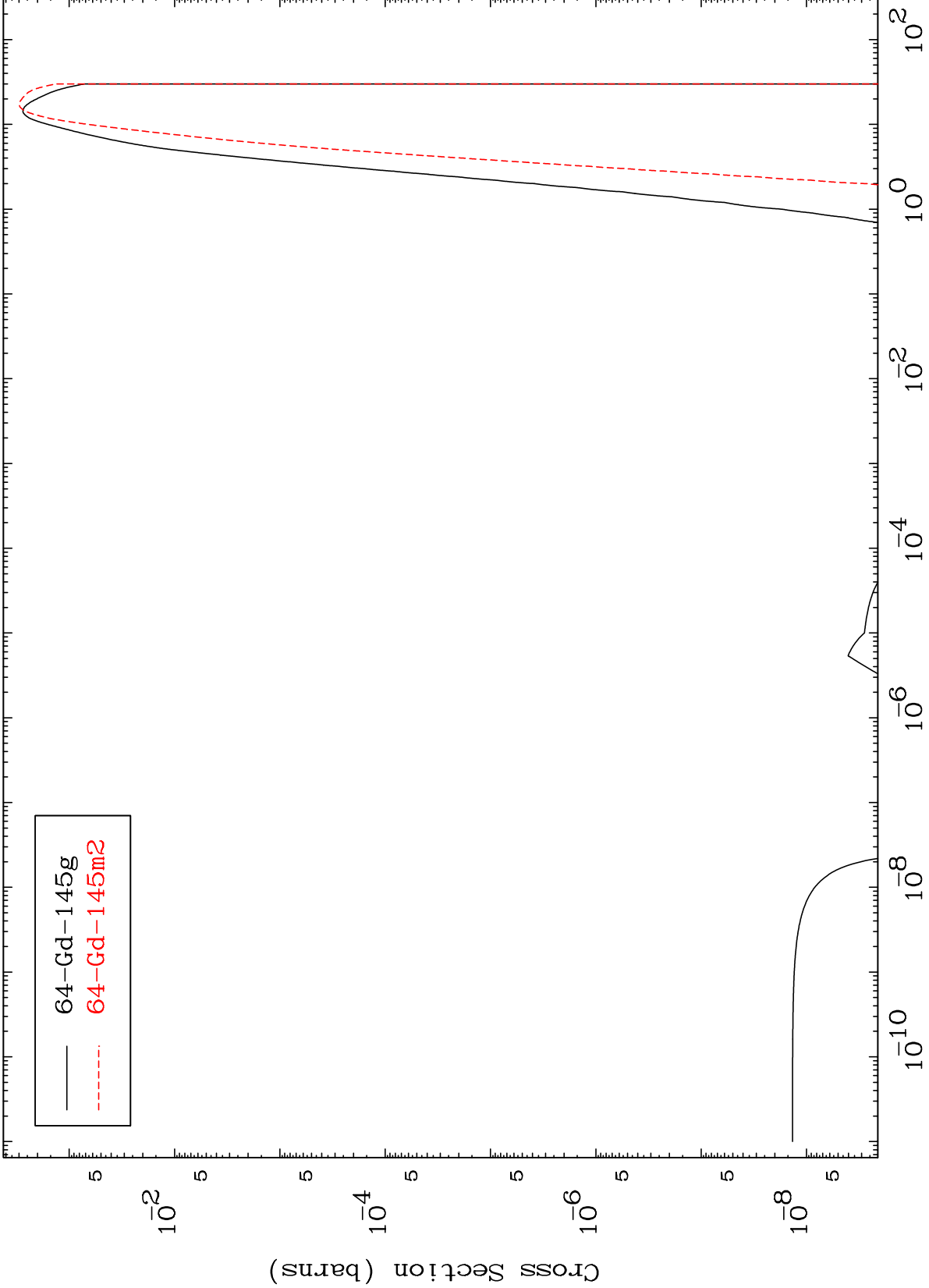
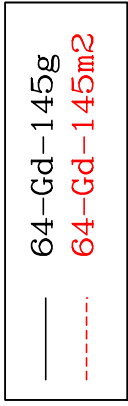
66-Dy-146

MAT 6595

(n,2p)

66-Dy-146

Radionuclide Production Cross Section



46

Incident Energy (MeV)

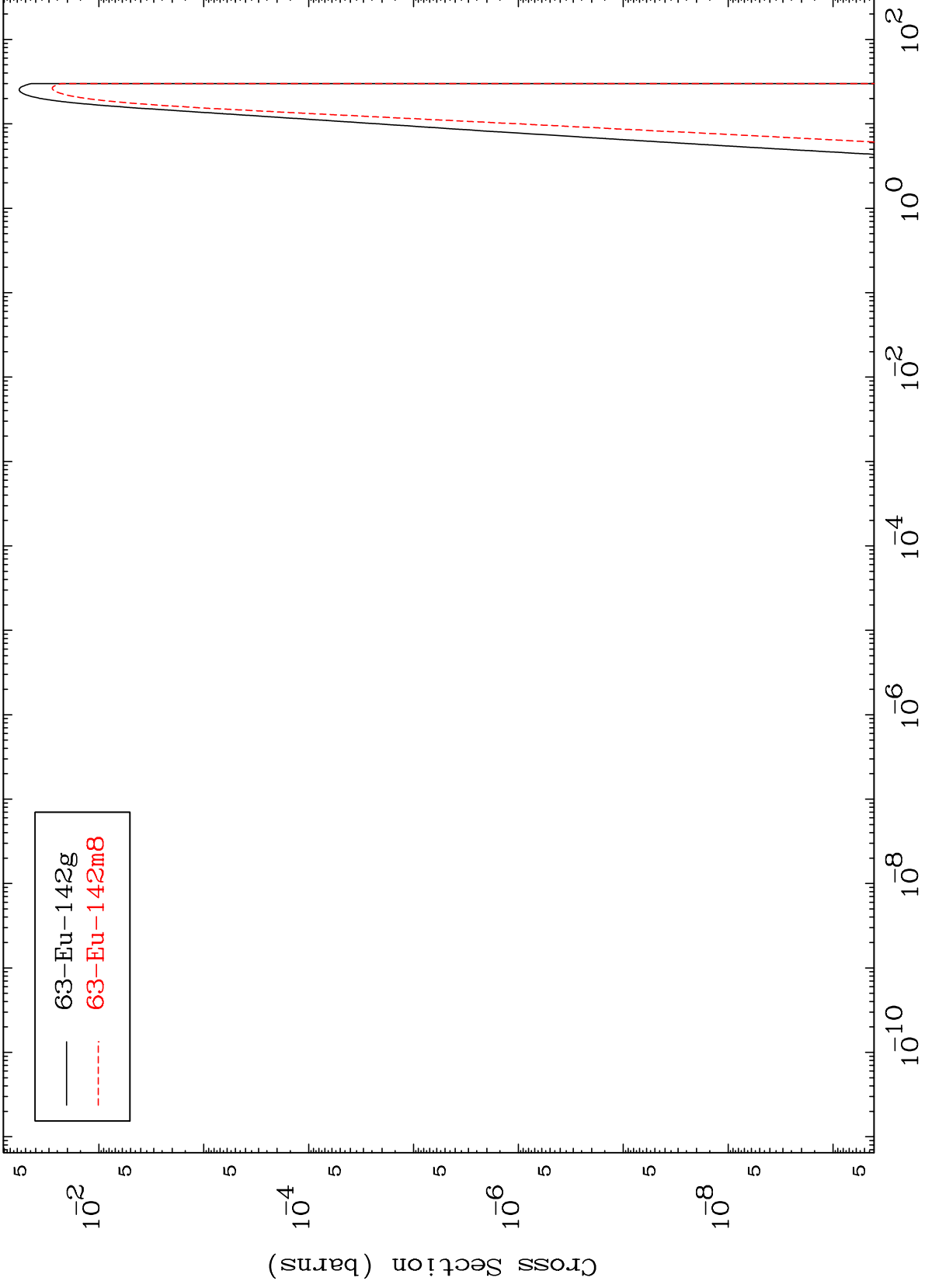
66-Dy-146

MAT 6595

(n,p)  $\alpha$

66-Dy-146

Radionuclide Production Cross Section



47

Incident Energy (MeV)

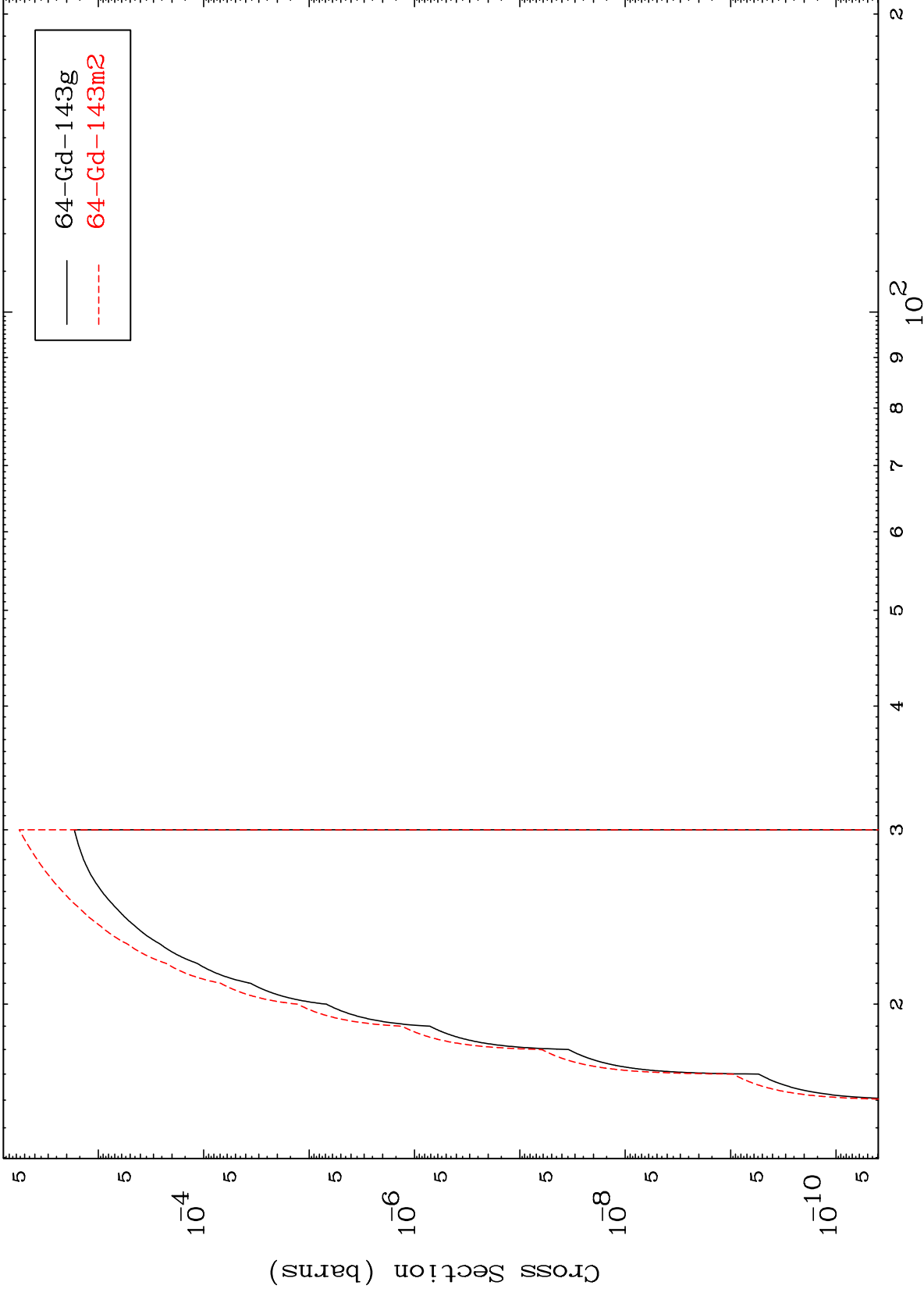
66-Dy-146

MAT 6595

(n,p) t

66-Dy-146

Radionuclide Production Cross Section



48

Incident Energy (MeV)

66-Dy-146

MAT 6595

(n,d)  $\alpha$

66-Dy-146

