

Program EVALPLOT  
(Version 2018-1)

by

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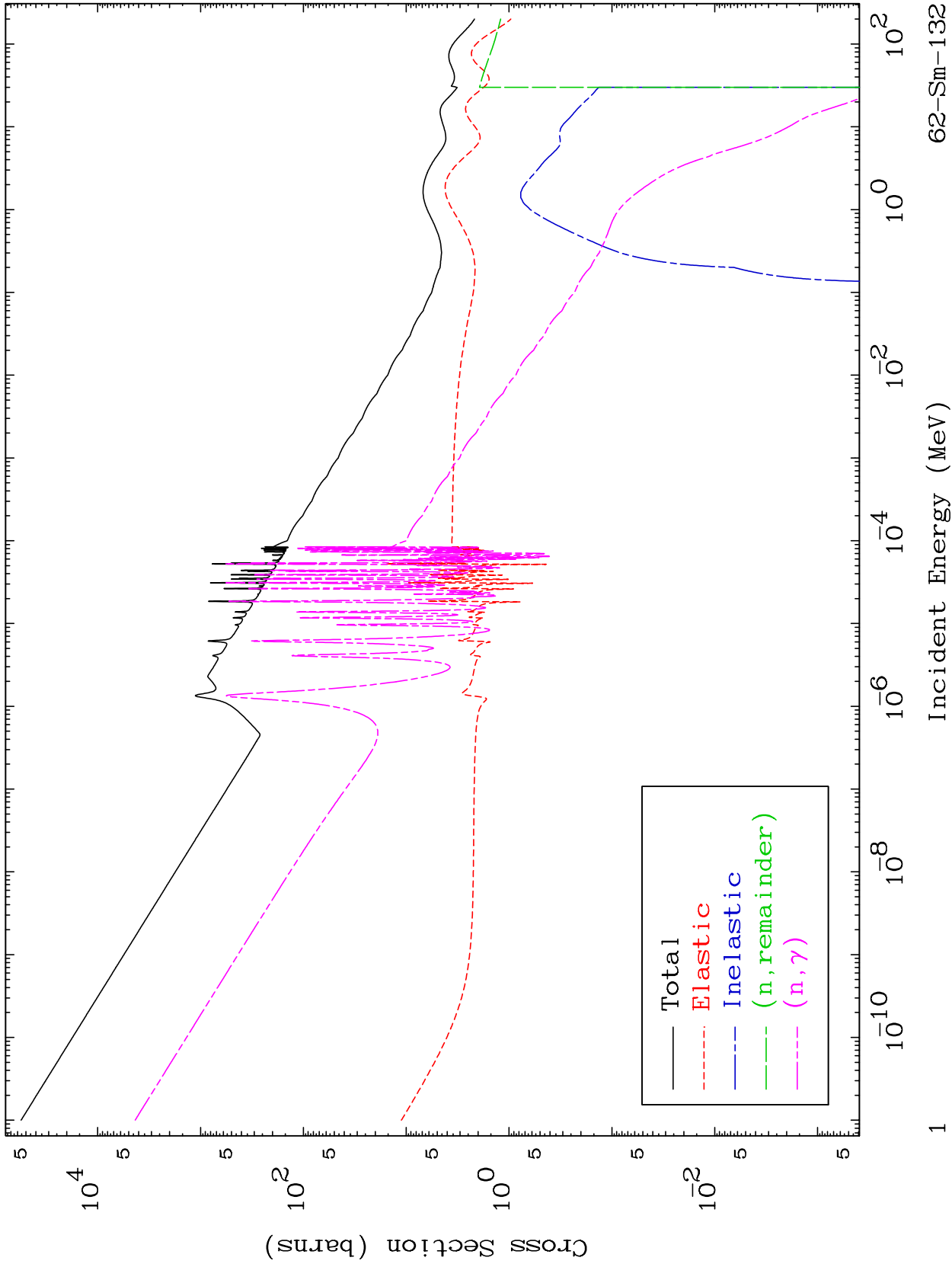
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6189

Major  
293 Kelvin Cross Sections

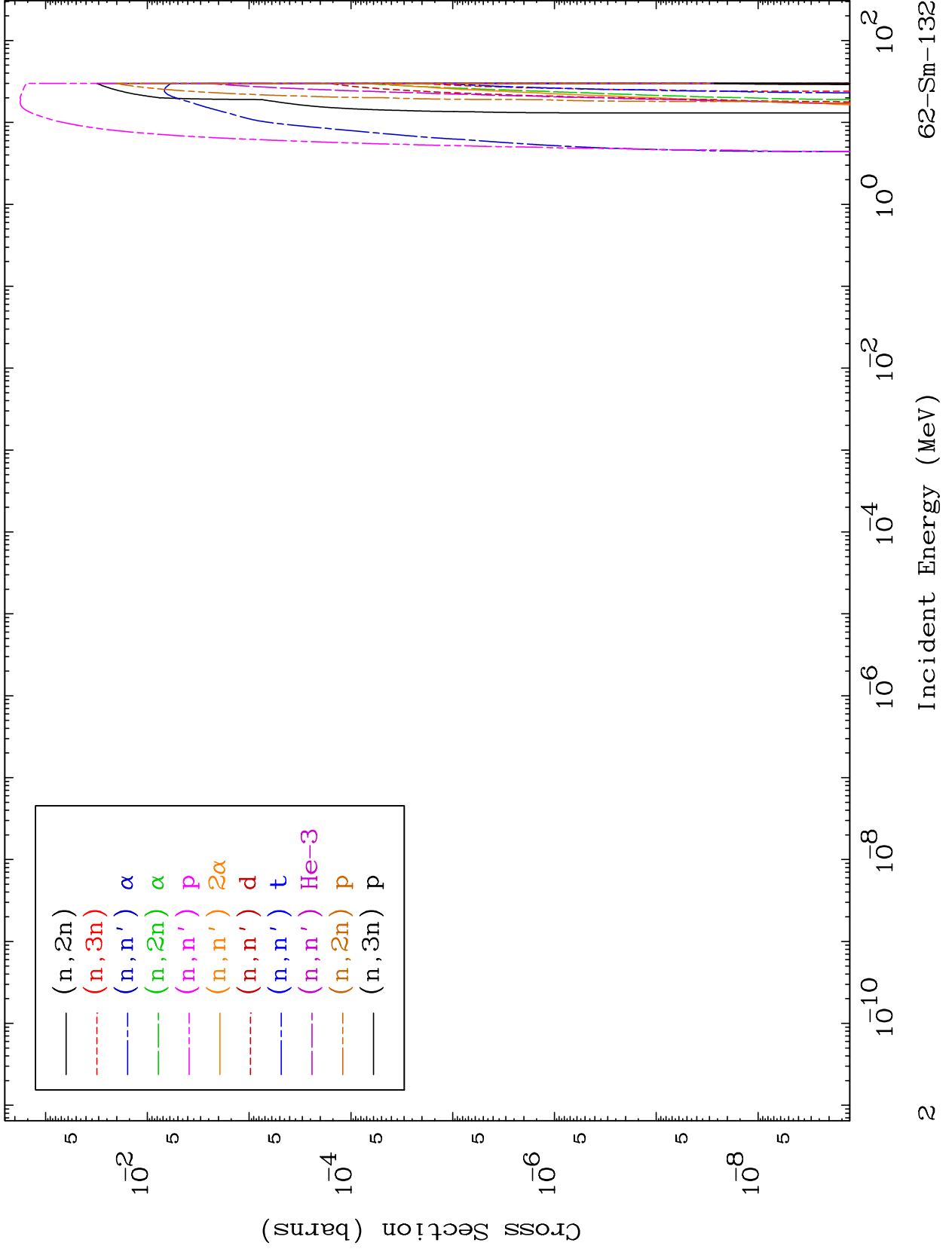
62-Sm-132



MAT 6189

Neutron Production  
293 Kelvin Cross Sections

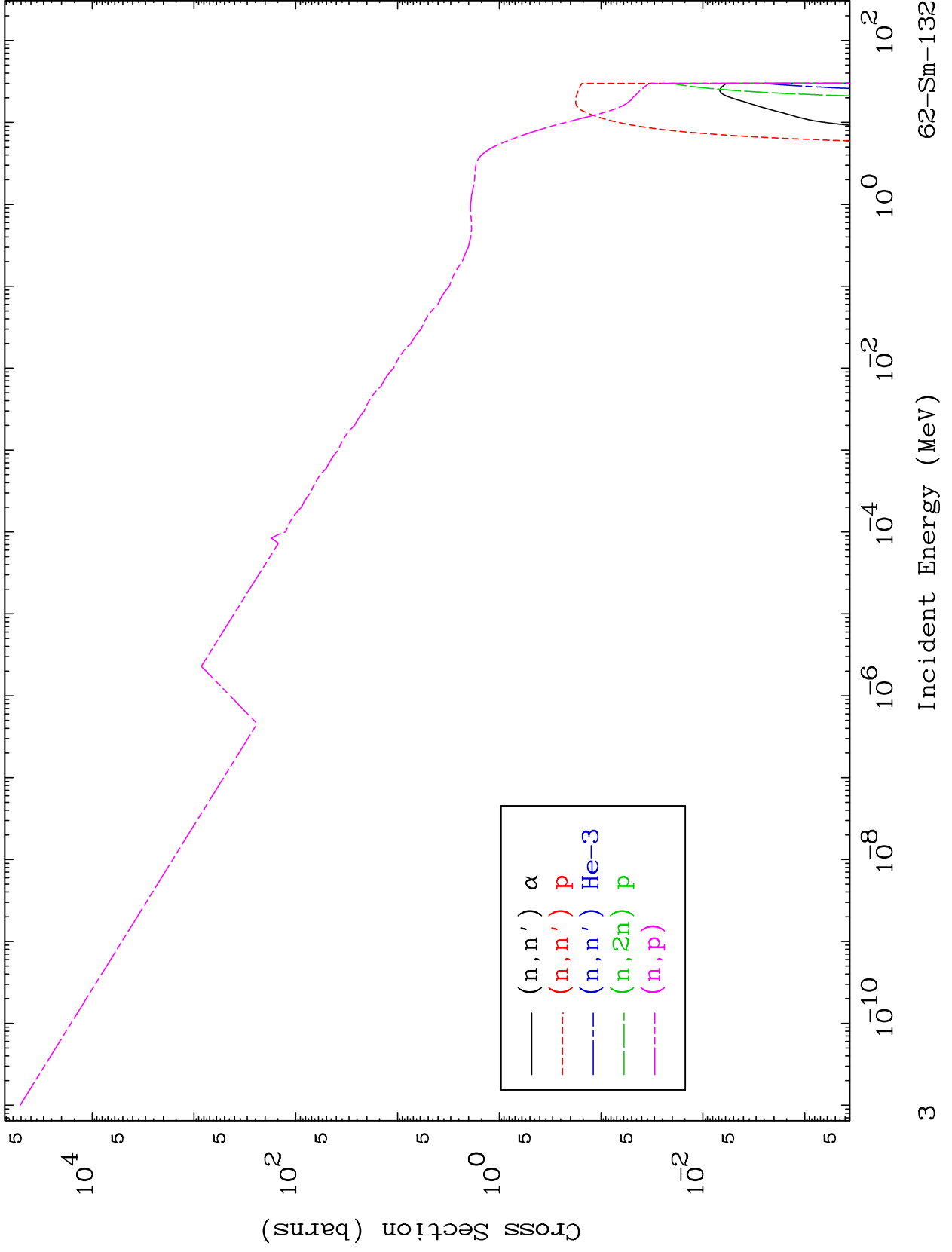
62-Sm-132

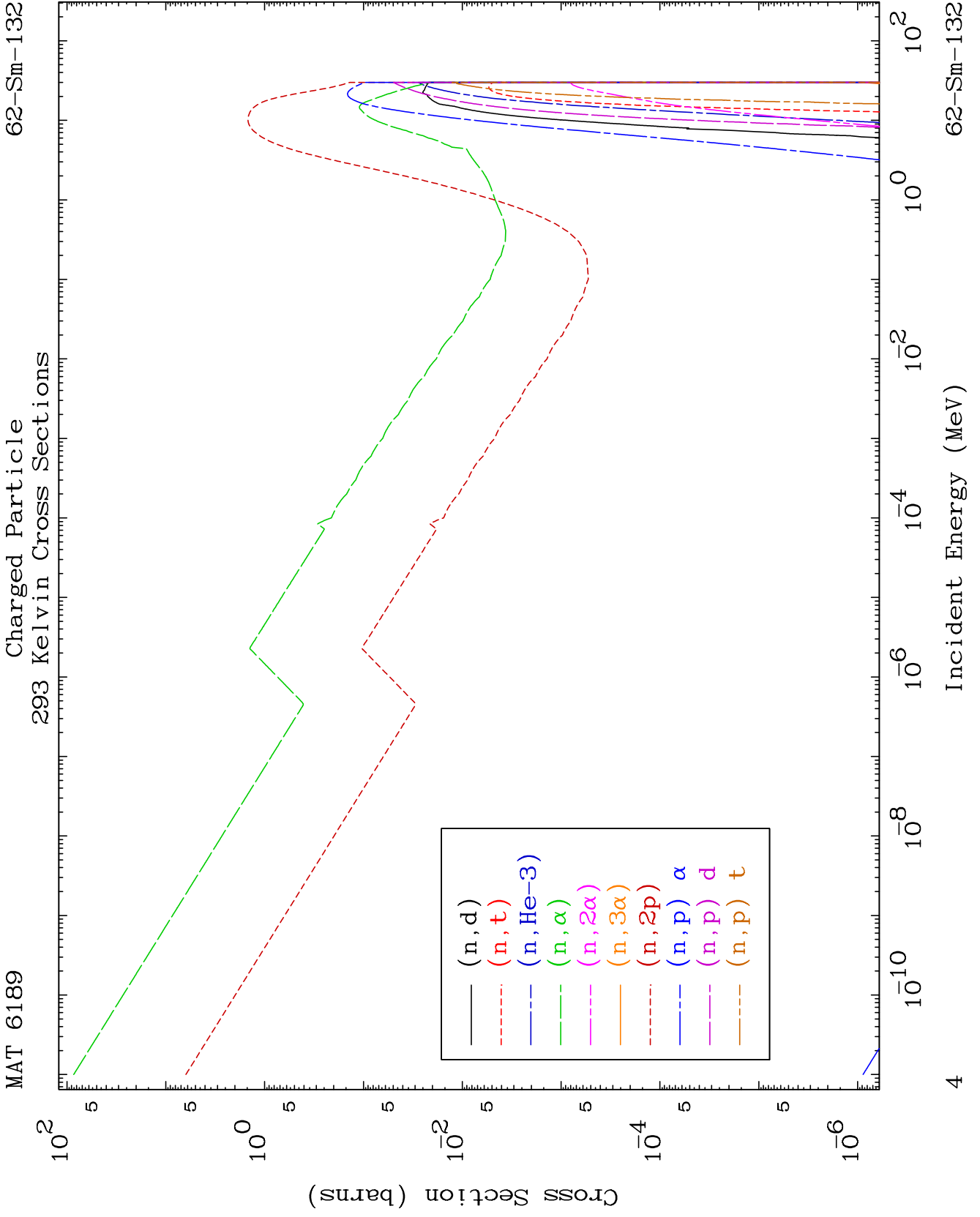


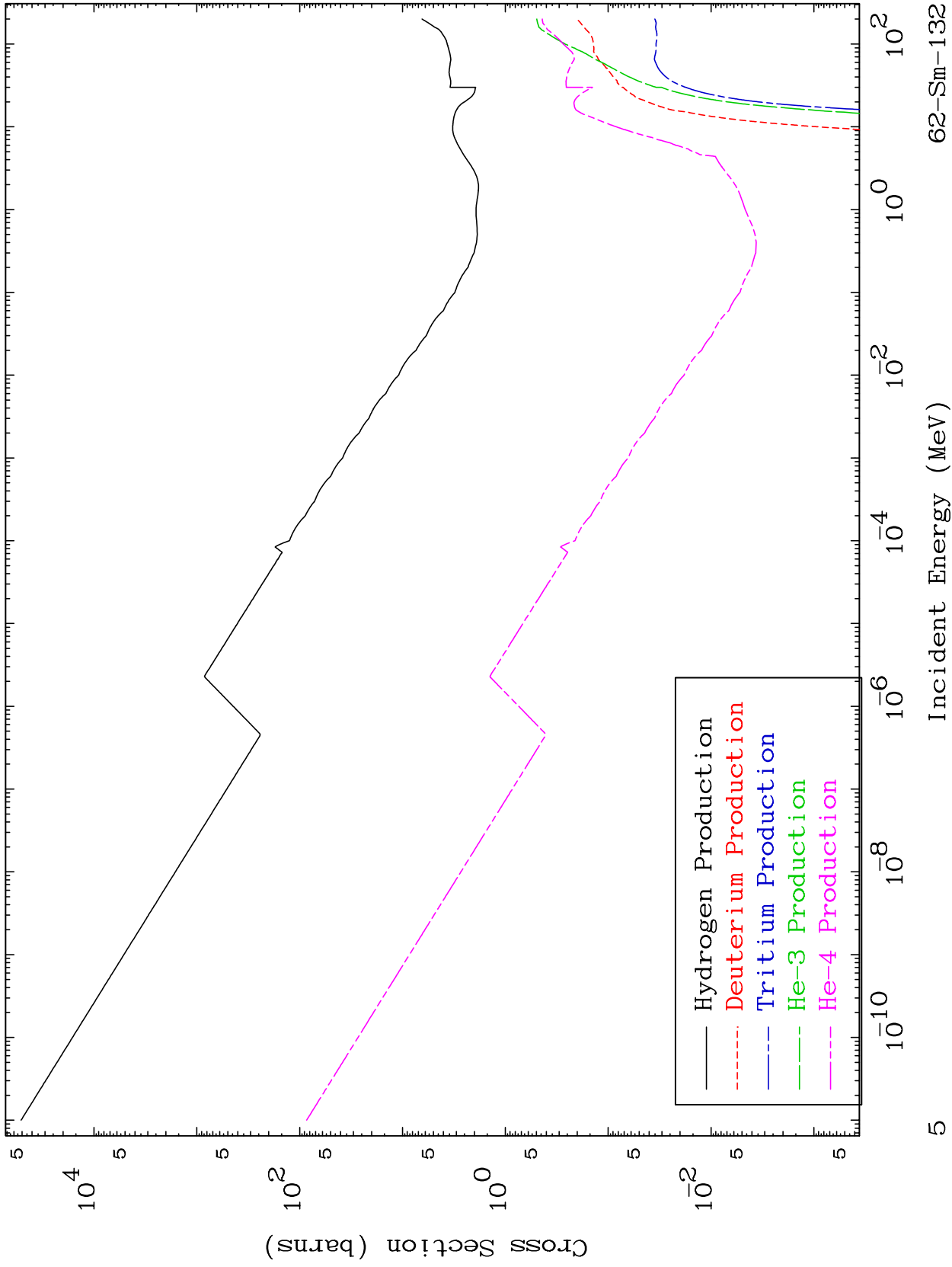
MAT 6189

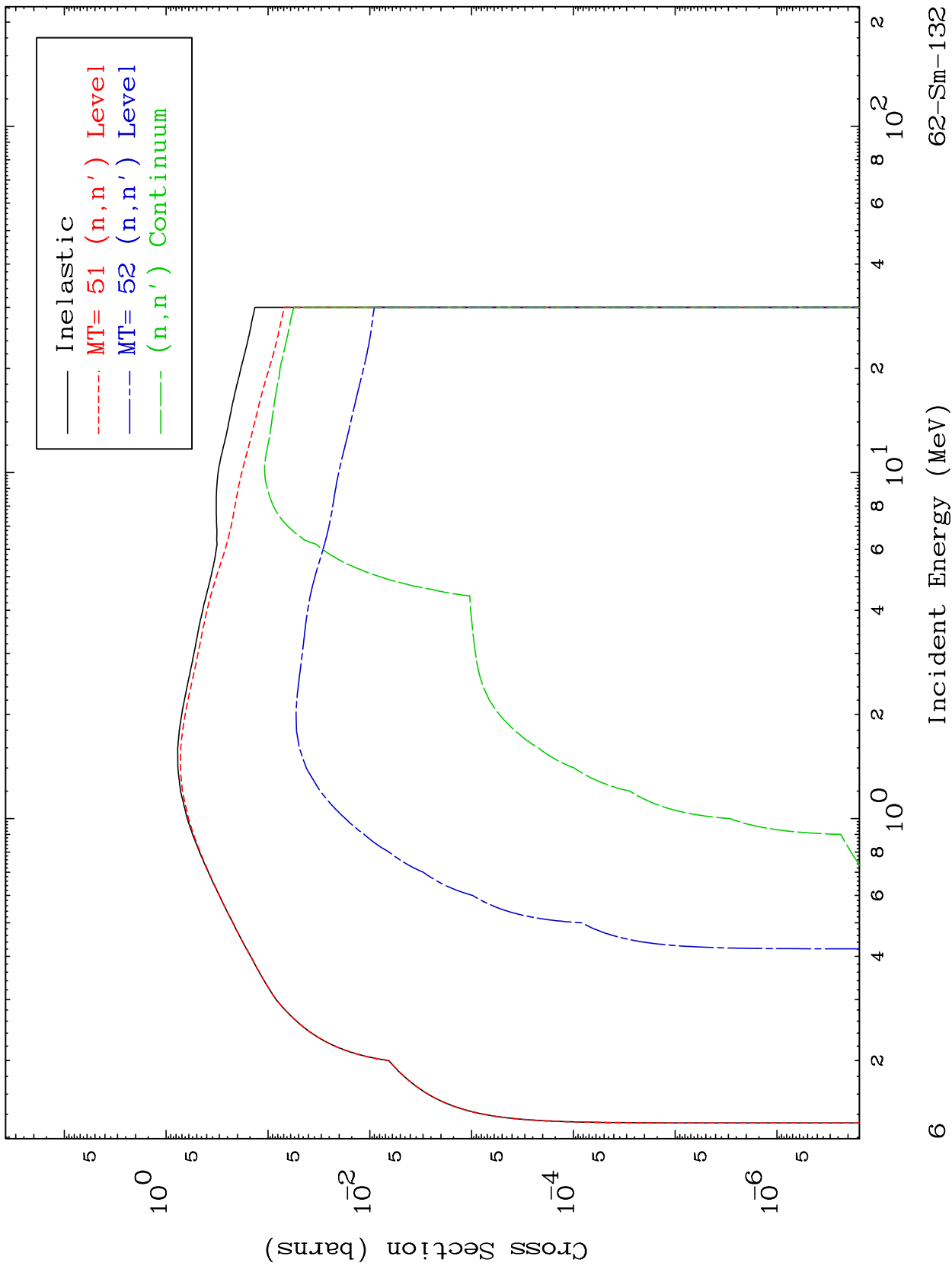
Charged Particle  
293 Kelvin Cross Sections

62-Sm-132





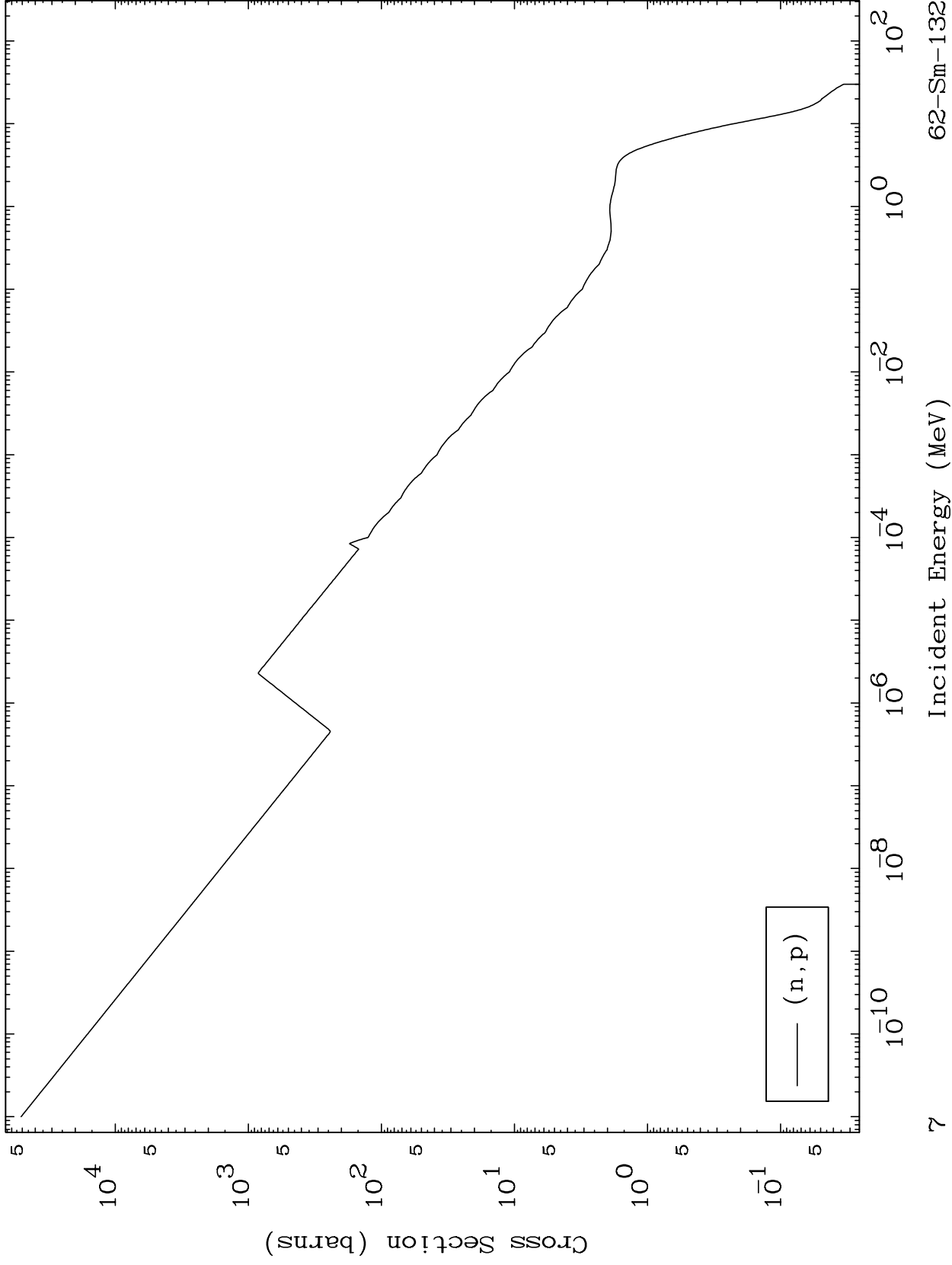




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(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-132

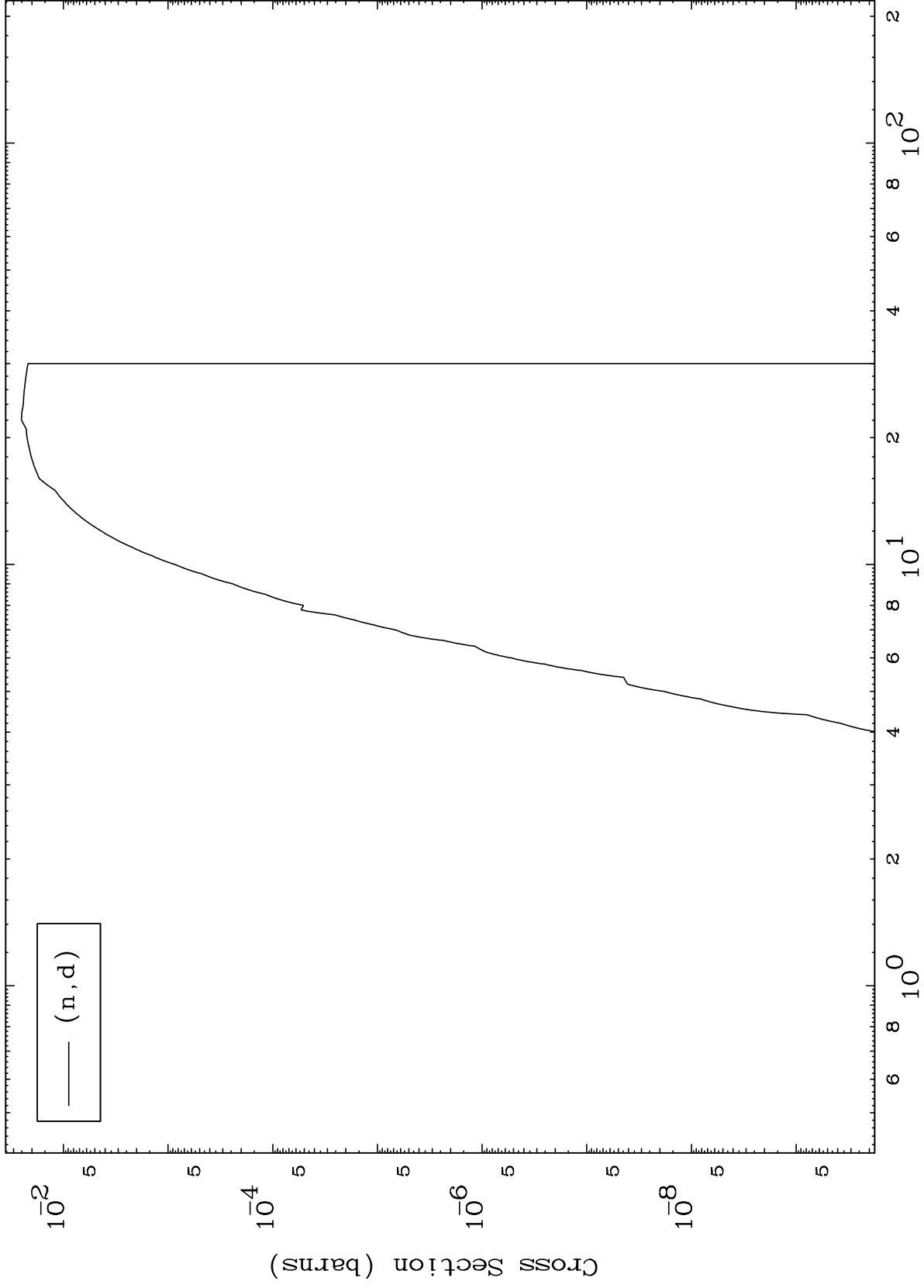




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(n,d) Levels  
293 Kelvin Cross Sections

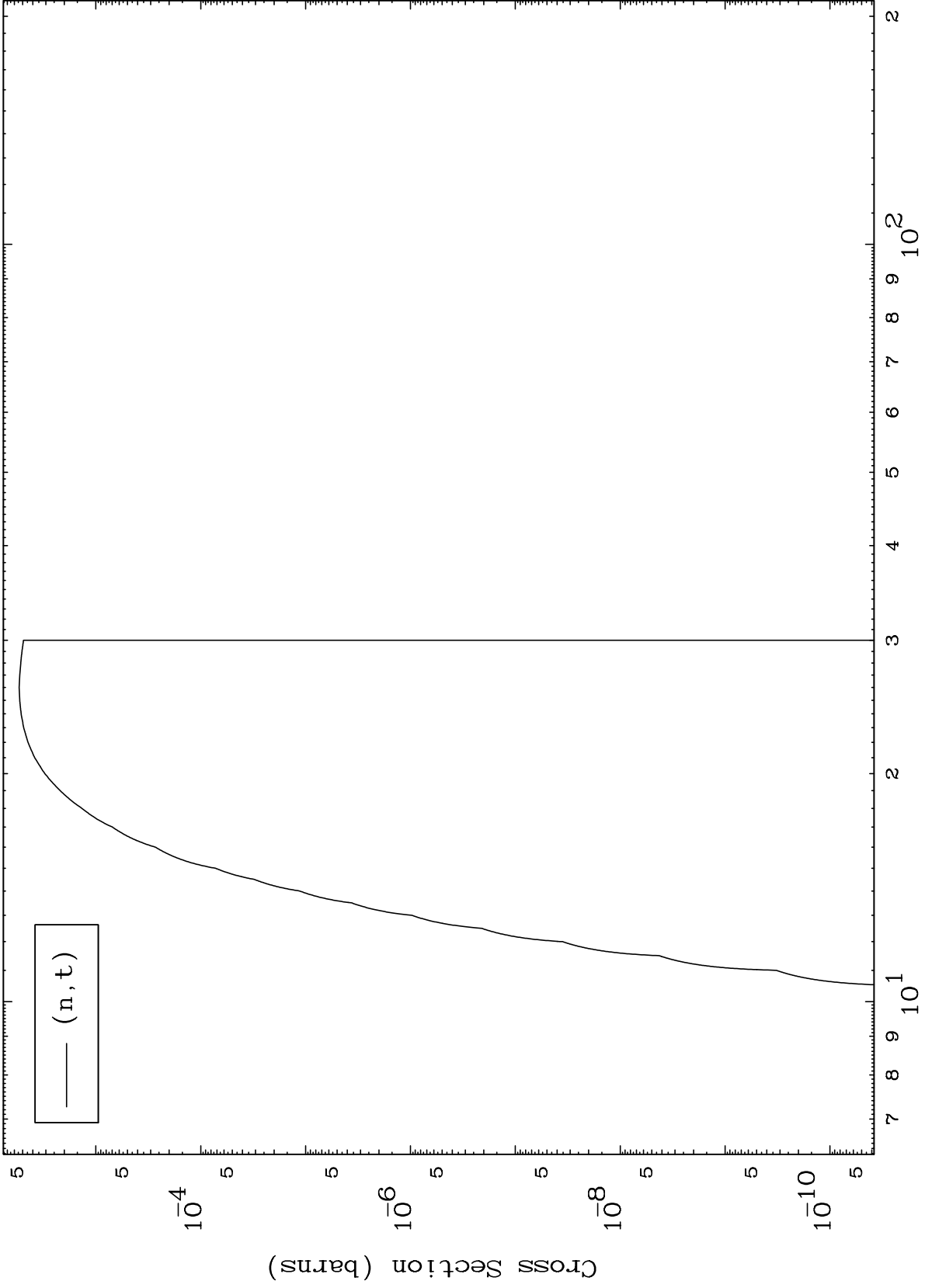
62-Sm-132



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(n,t) Levels  
293 Kelvin Cross Sections

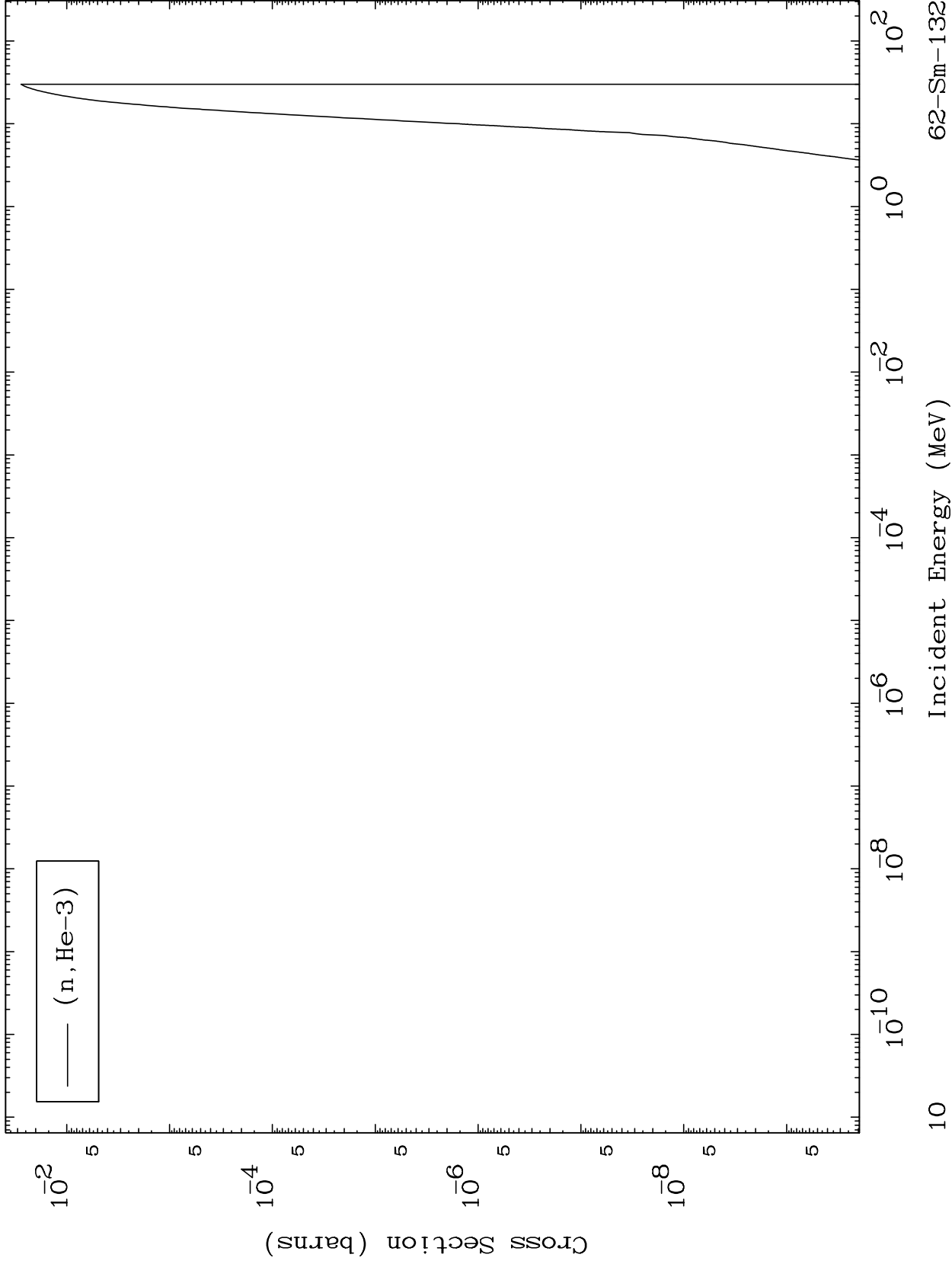
62-Sm-132



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(n,He3) Levels  
293 Kelvin Cross Sections

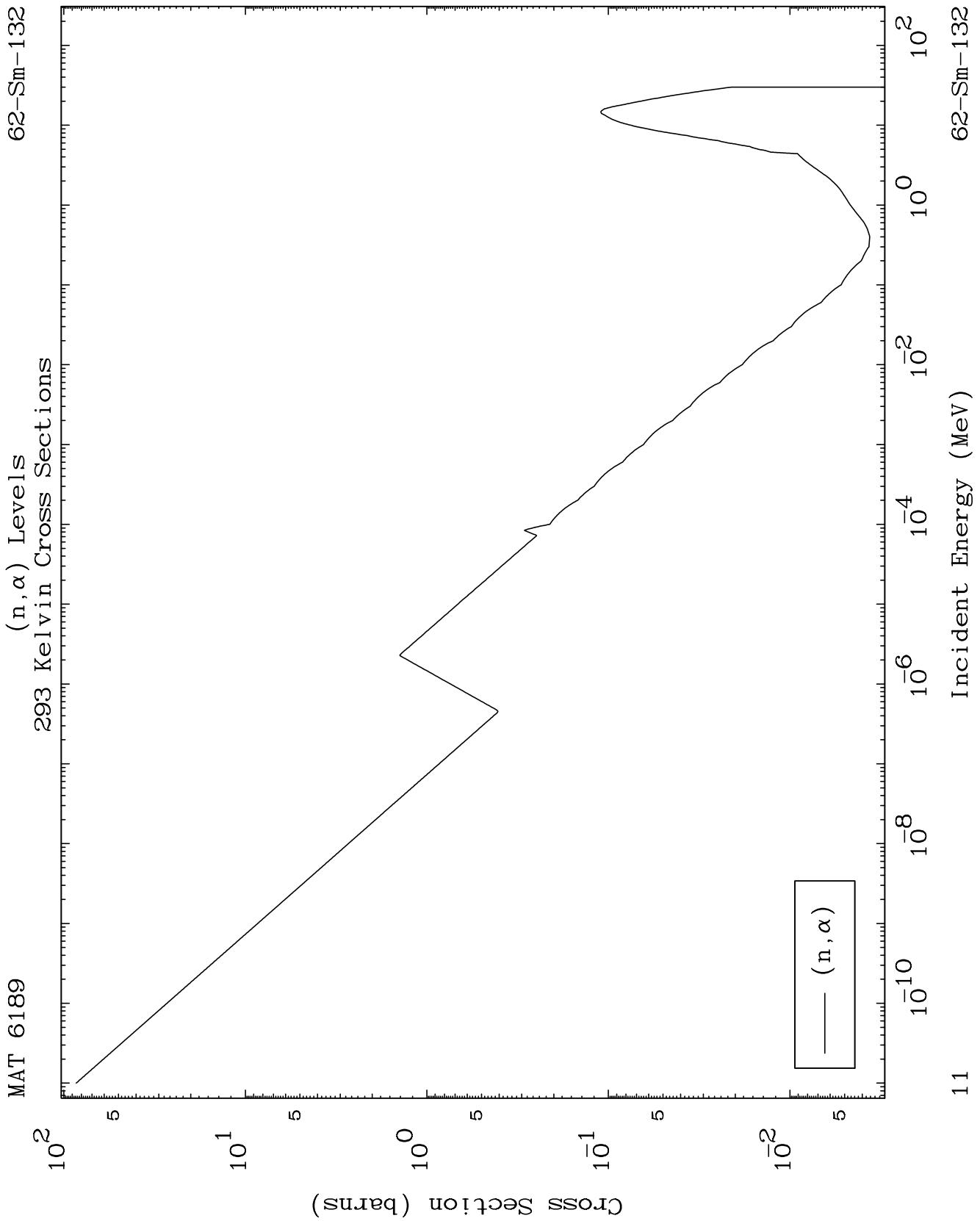
62-Sm-132

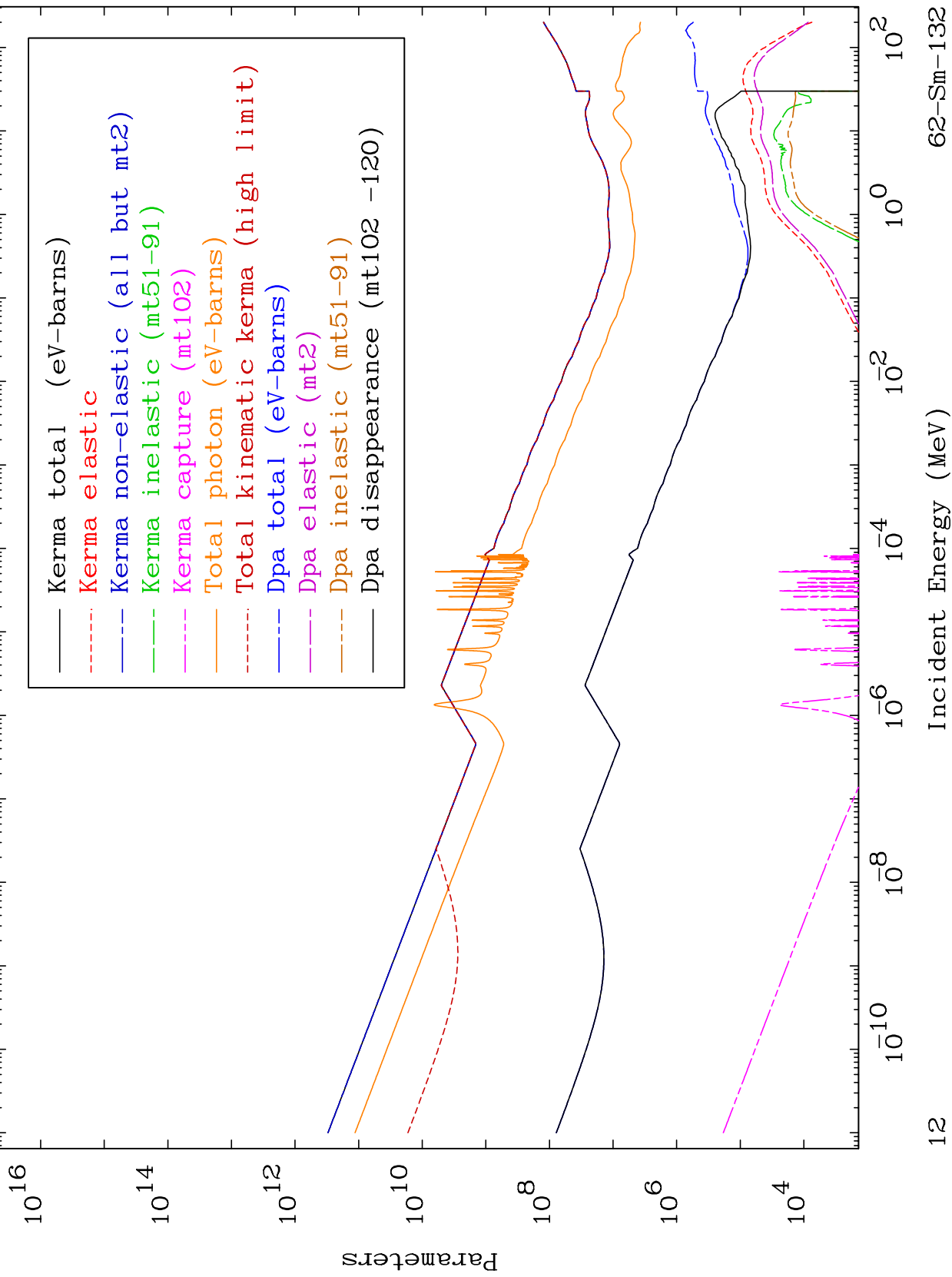


10

Incident Energy (MeV)

62-Sm-132

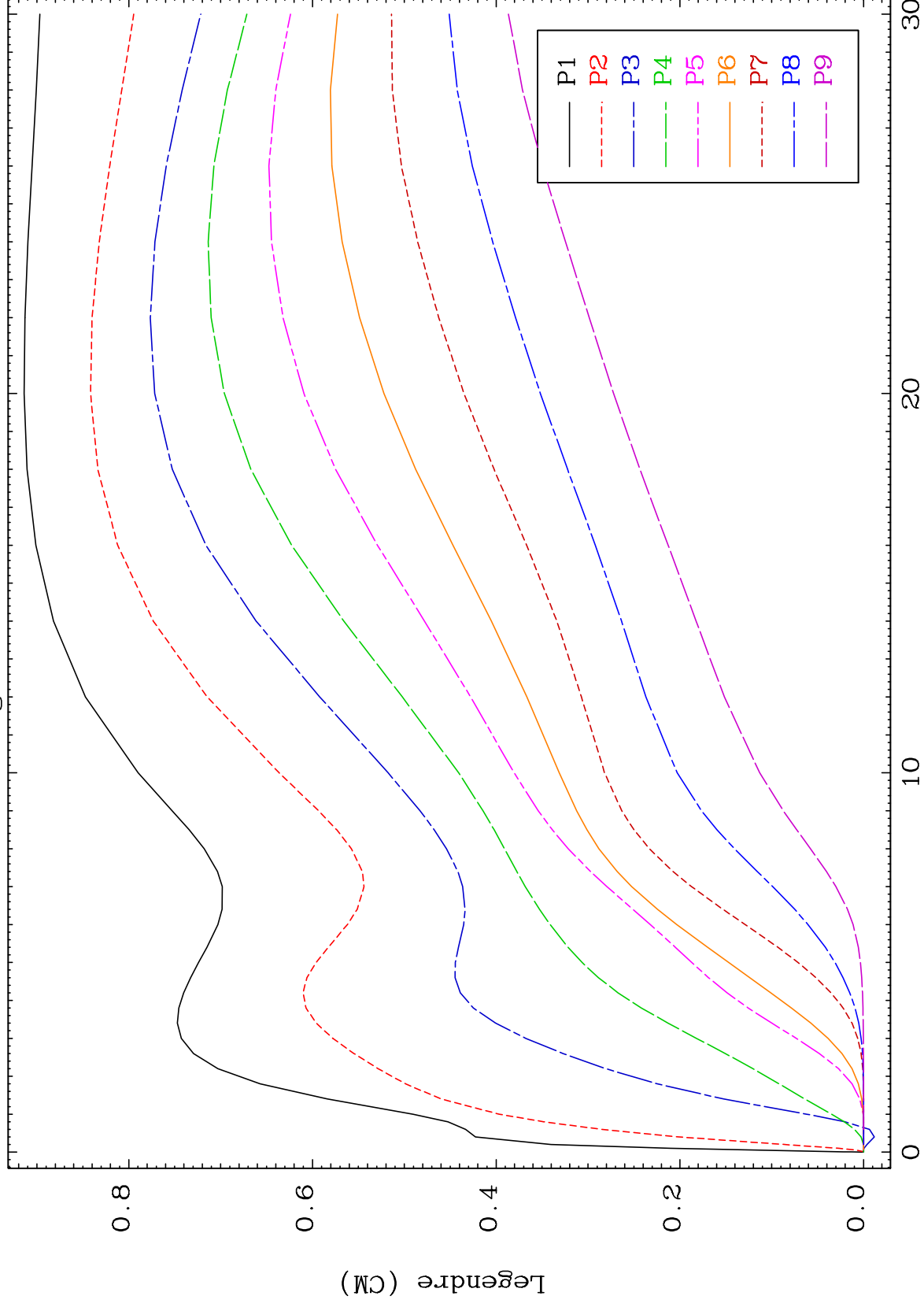




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Elastic Legendre Coefficients

$^{62}\text{Sm}-132$



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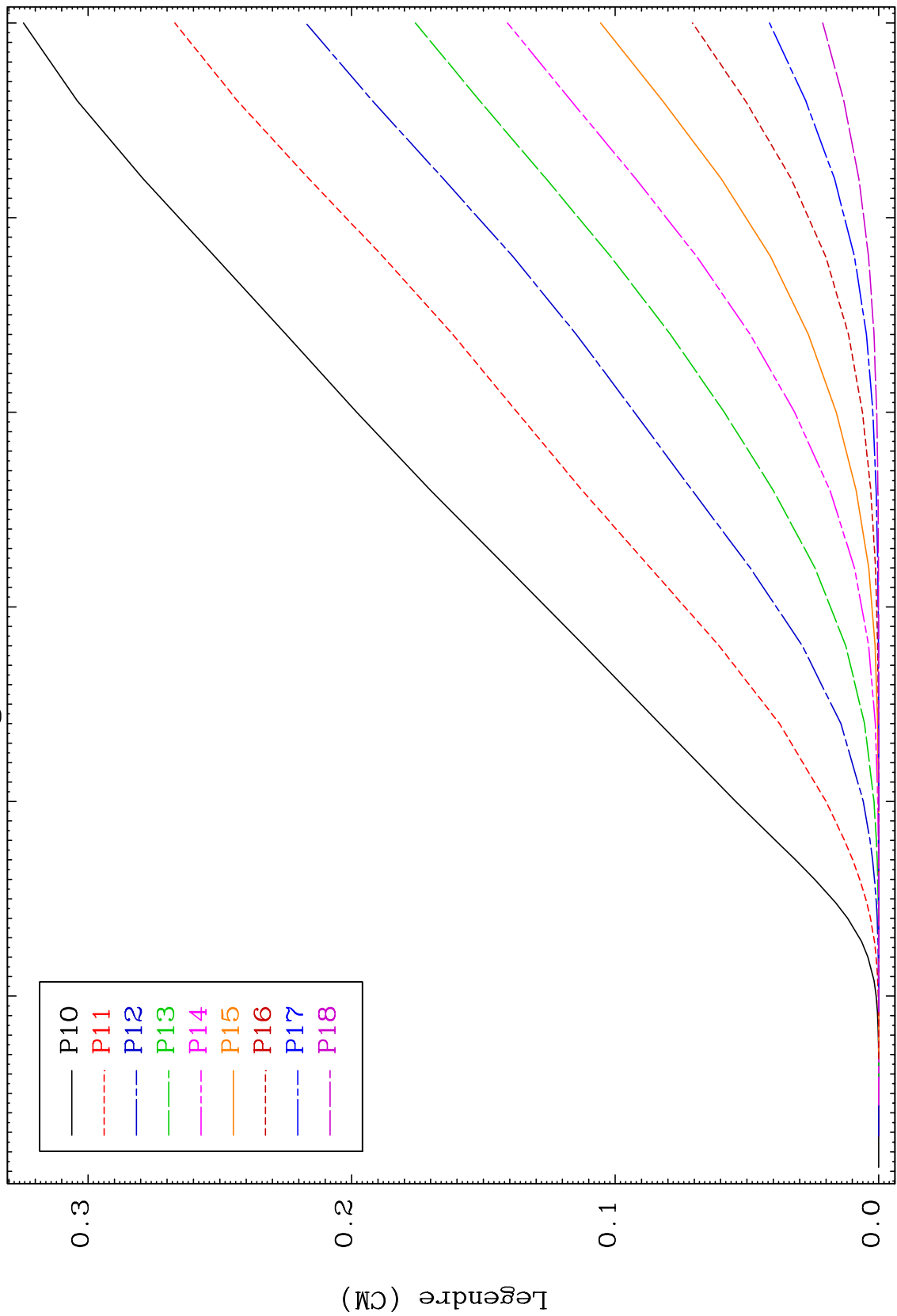
Incident Energy (MeV)

$^{62}\text{Sm}-132$

MAT 6189

Elastic Legendre Coefficients

62-Sm-132



14

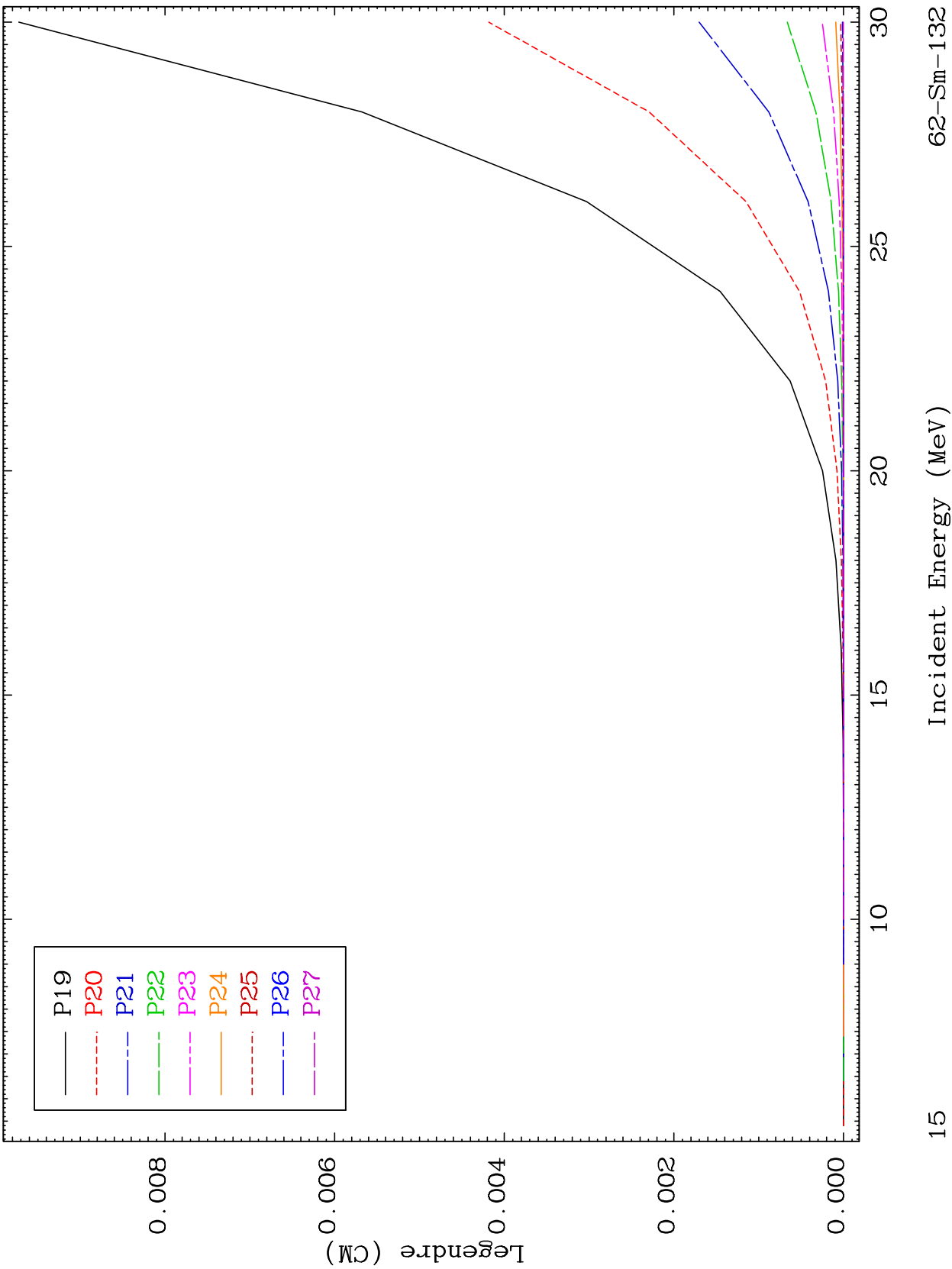
Incident Energy (MeV)

62-Sm-132

MAT 6189

### Elastic Legendre Coefficients

62-Sm-132



15

Incident Energy (MeV)

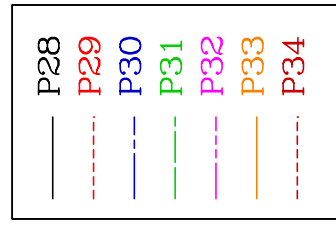
62-Sm-132



MAT 6189

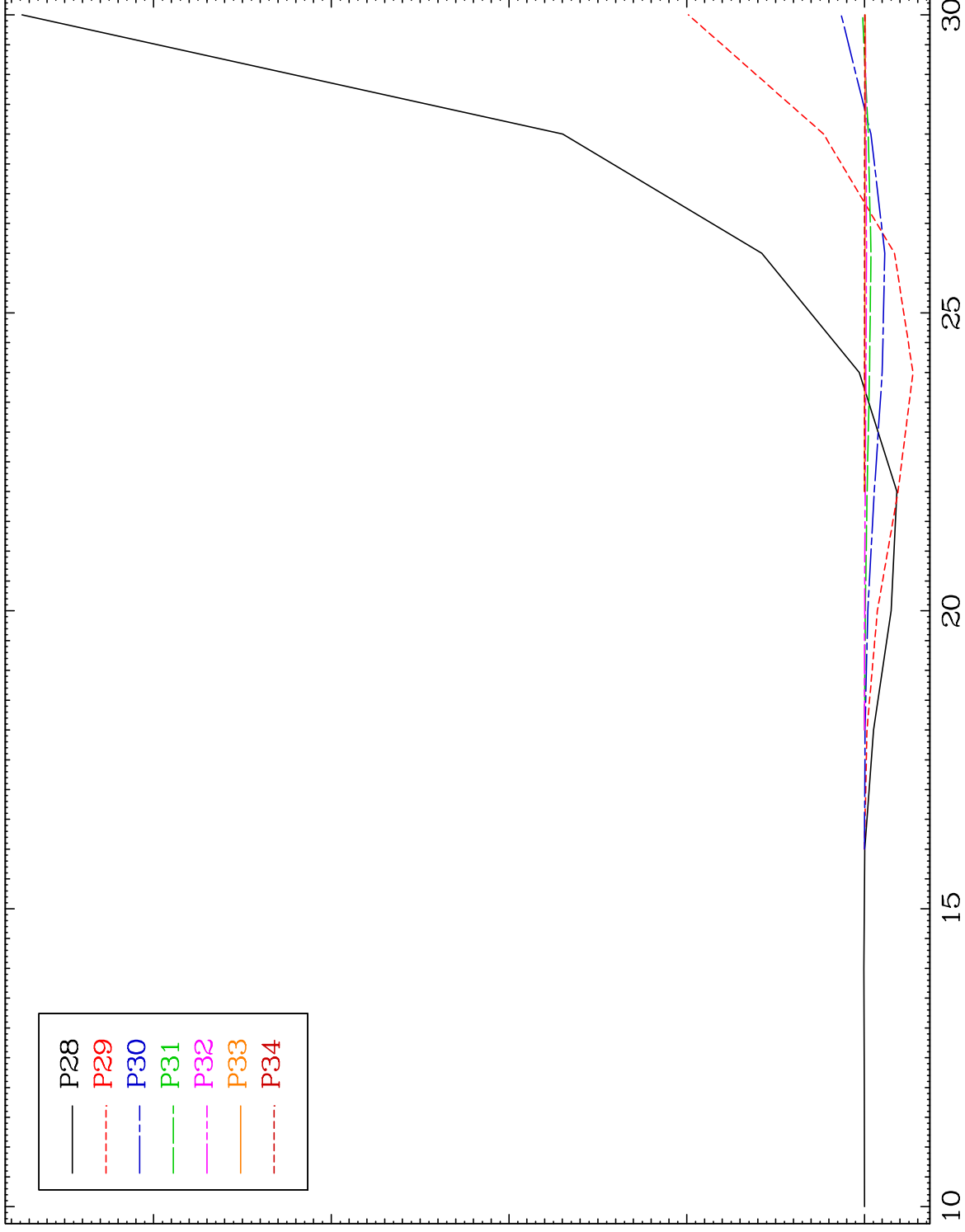
Elastic Legendre Coefficients

<sup>62</sup>Sm-132



$\times 10^{-7}$

Legendre (CM)



10

15

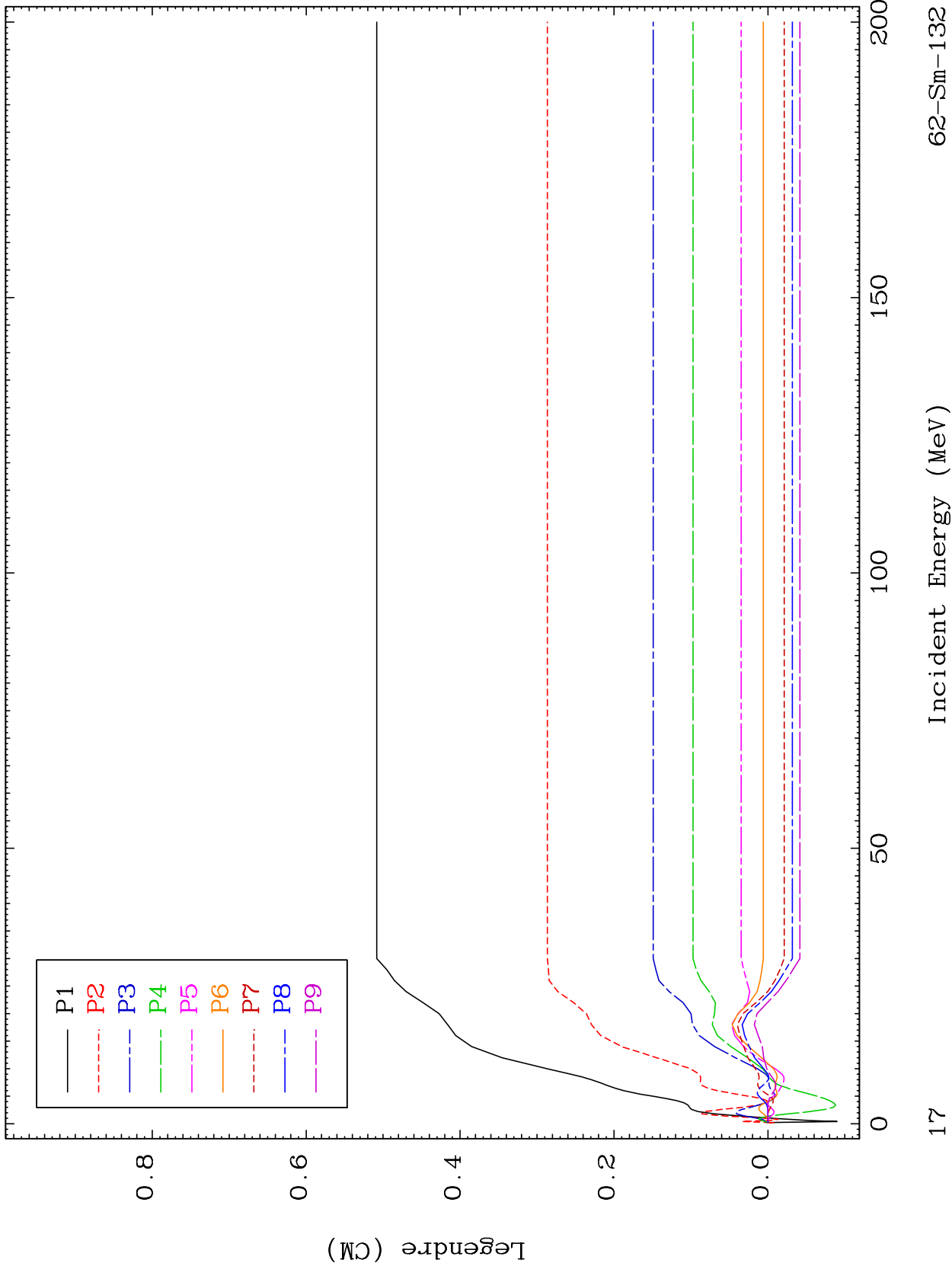
20

25

30

Incident Energy (MeV)

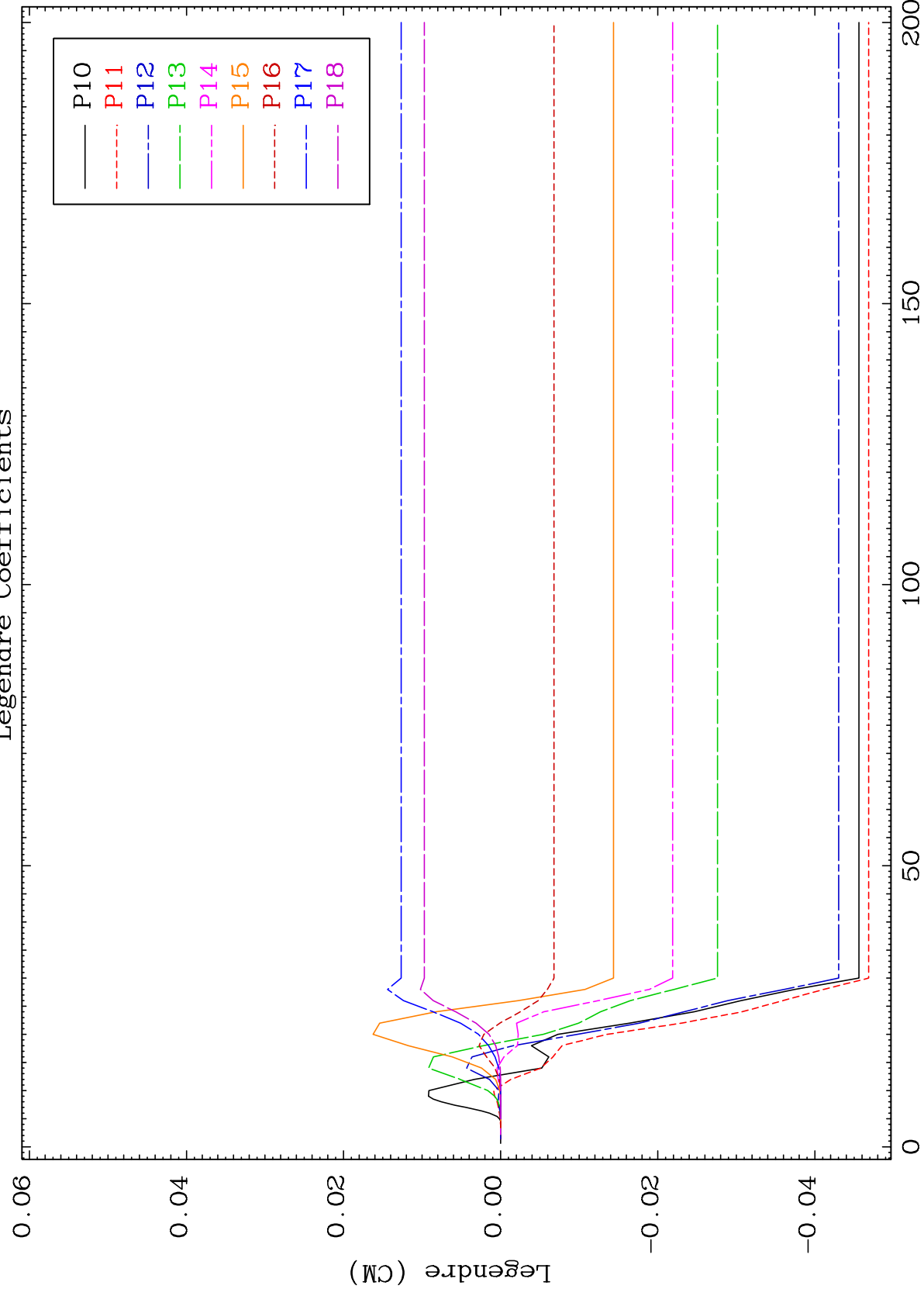
<sup>62</sup>Sm-132



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

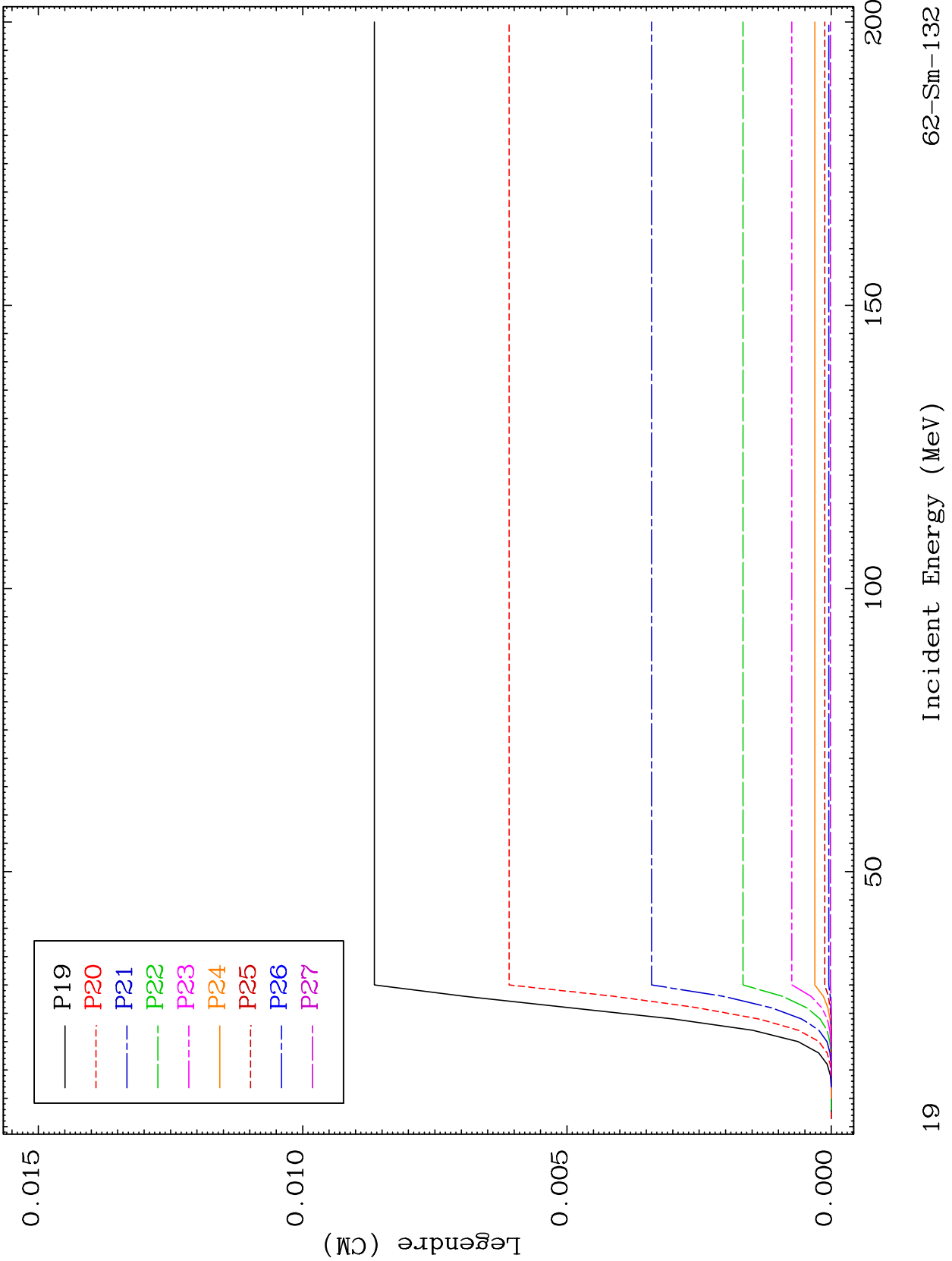
62-Sm-132



18

Incident Energy (MeV)

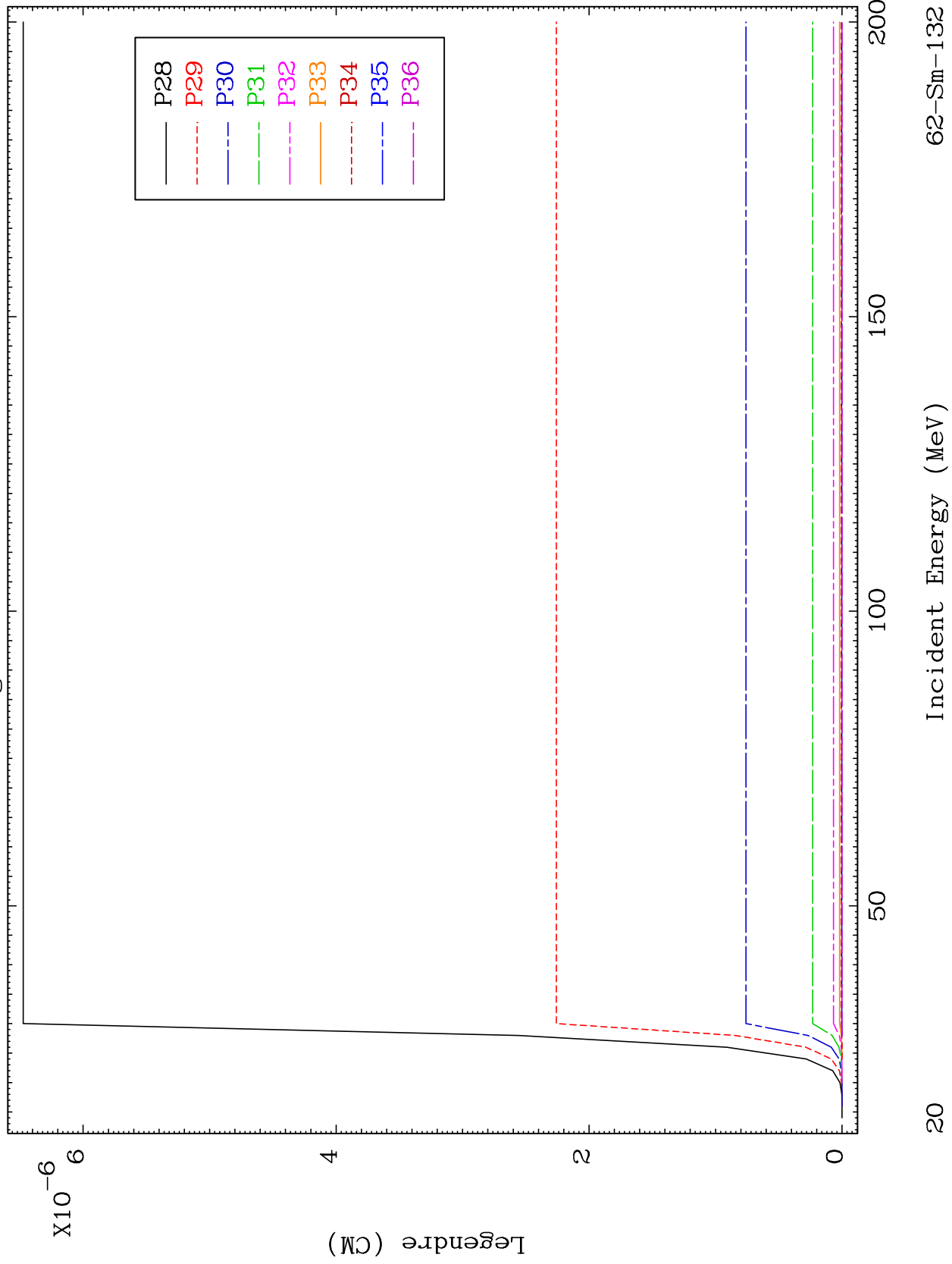
62-Sm-132



MAT 6189

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

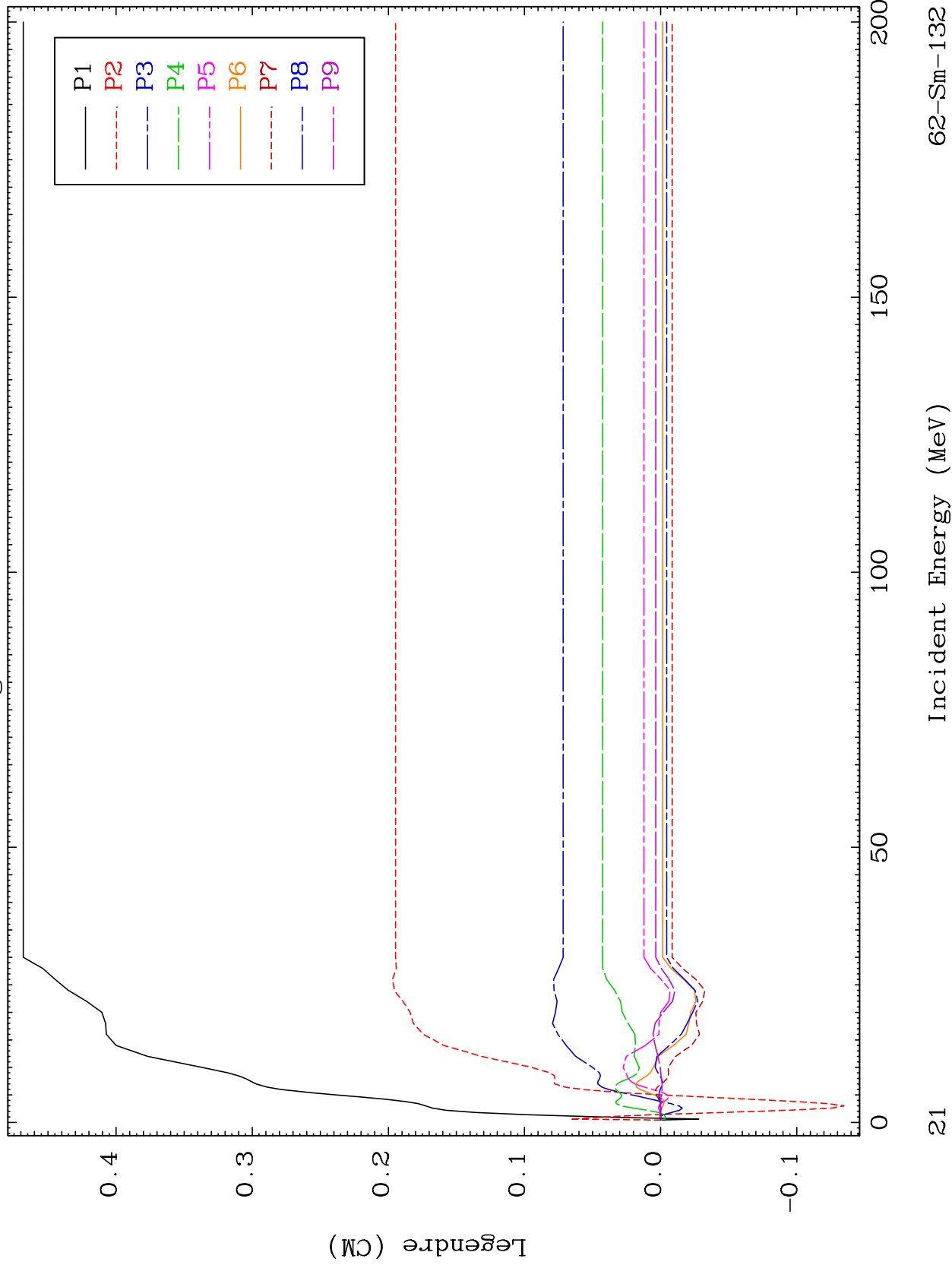
62-Sm-132



MAT 6189

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

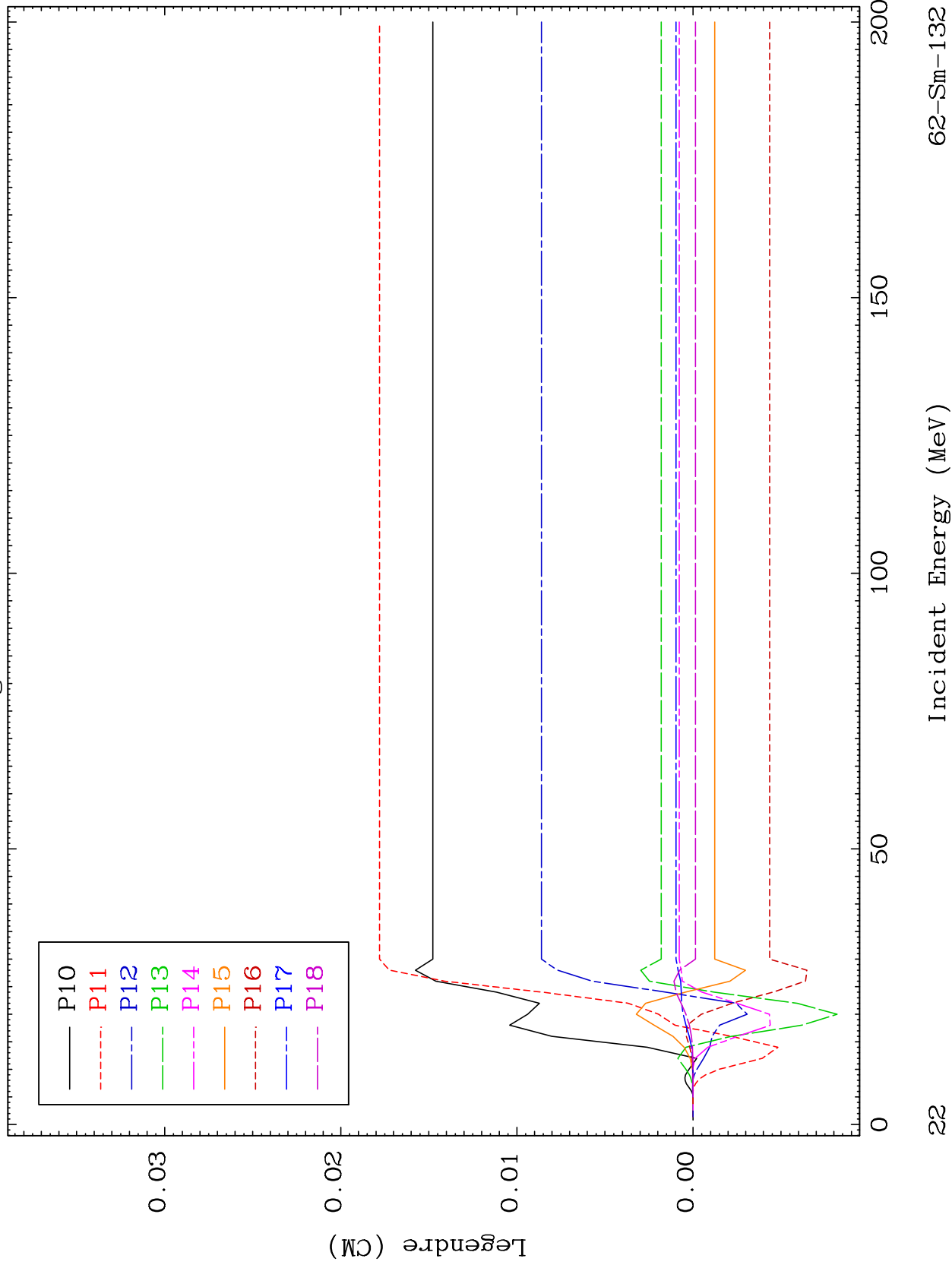
62-Sm-132



MAT 6189

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

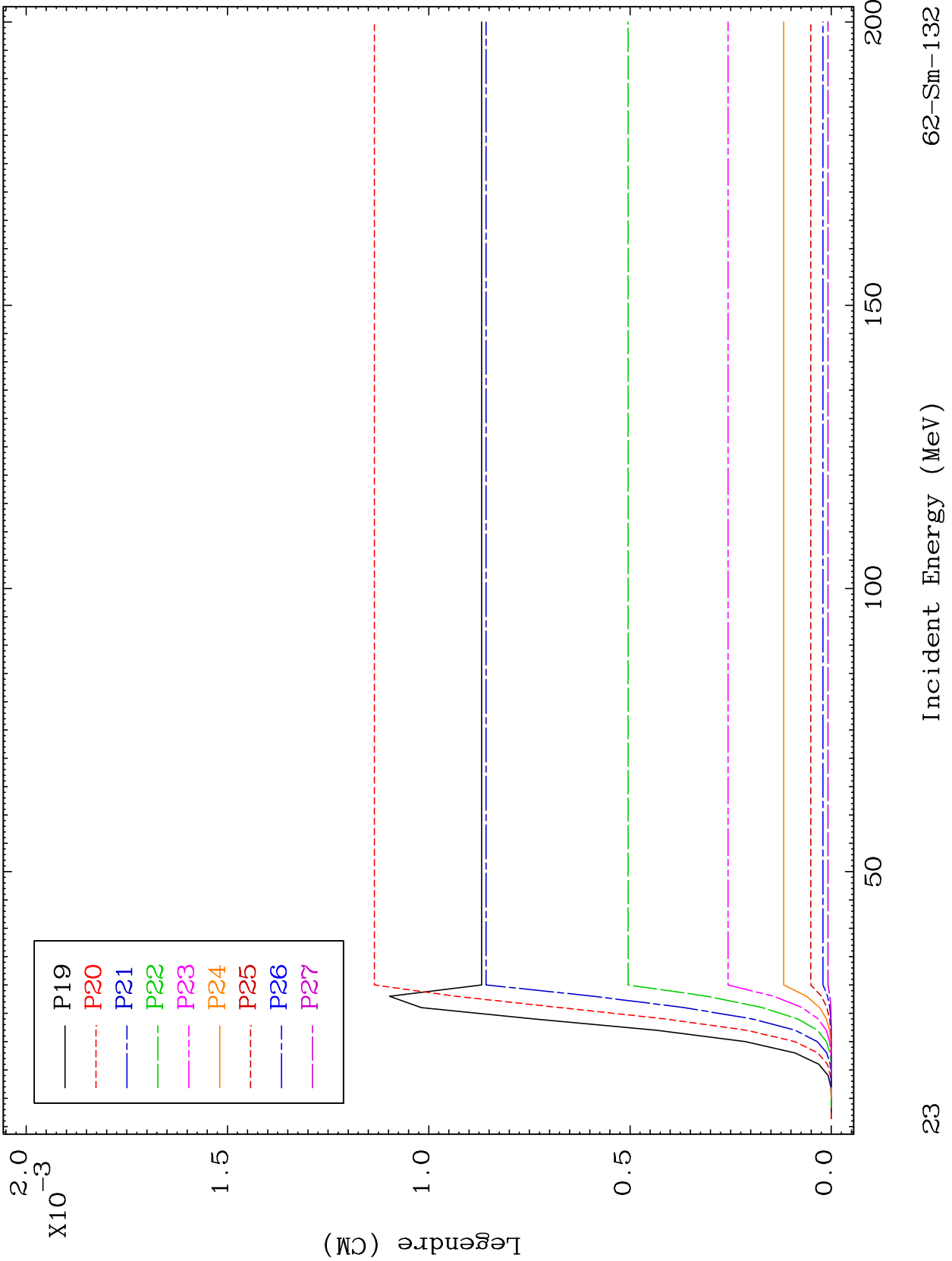
62-Sm-132



22

Incident Energy (MeV)

62-Sm-132

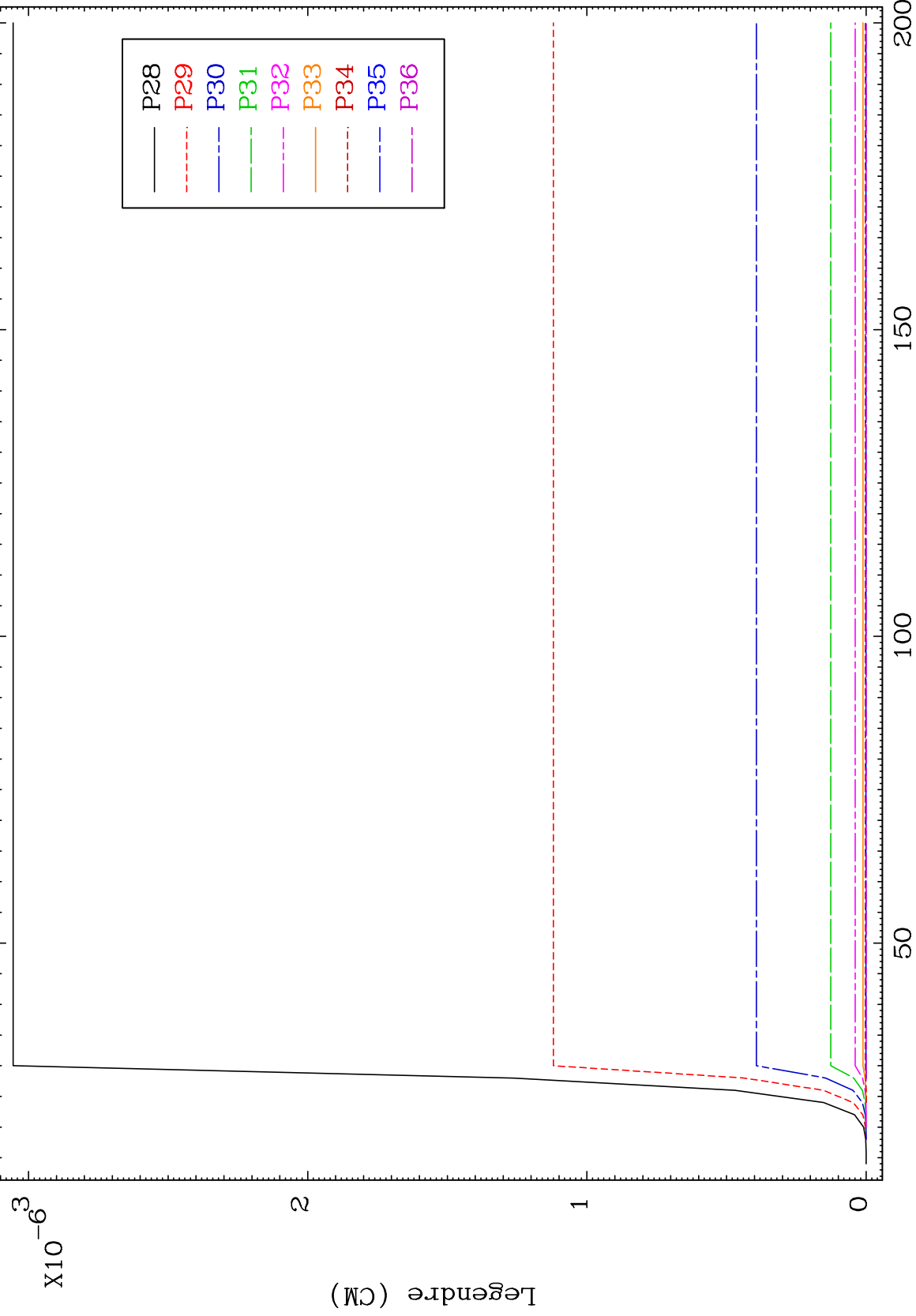




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MT= 52 (n,n') Level  
Legendre Coefficients

62-Sm-132



24

Incident Energy (MeV)

62-Sm-132

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62-Sm-132

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

