

Program EVALPLOT  
(Version 2021-1)

by

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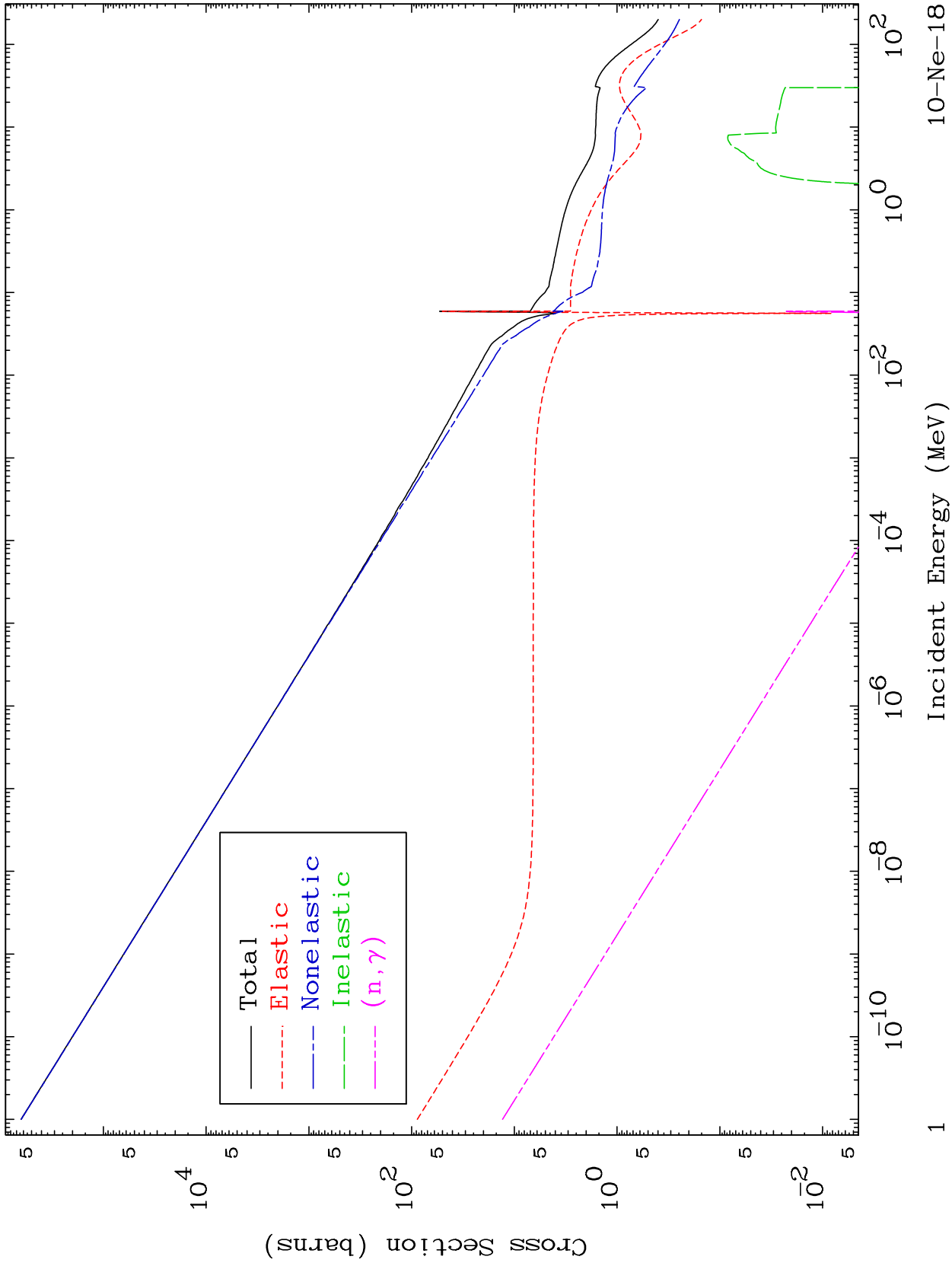
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1019

Neutron Major  
293 Kelvin Cross Sections

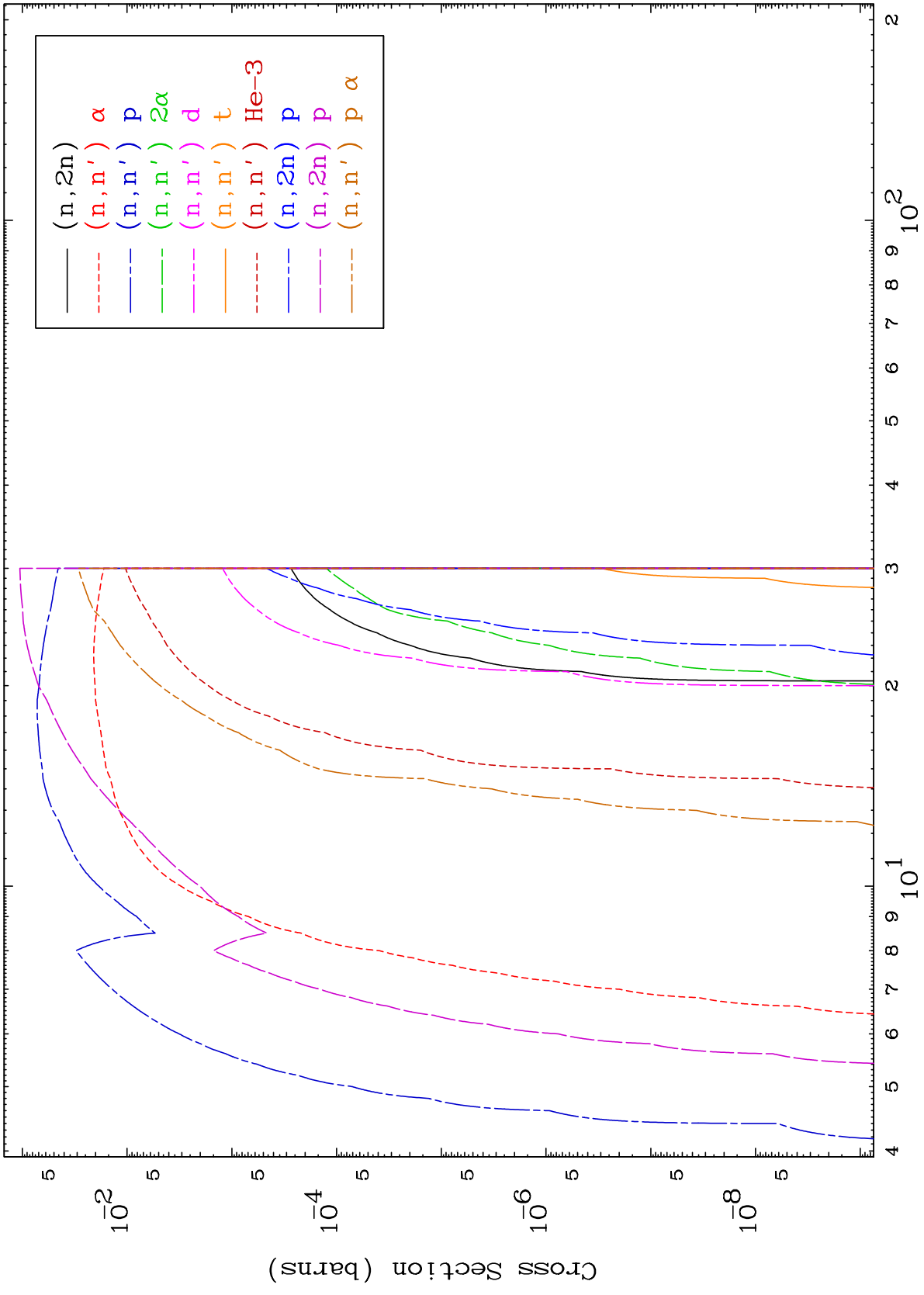
10-Ne-18



MAT 1019

Neutron Absorption  
293 Kelvin Cross Sections

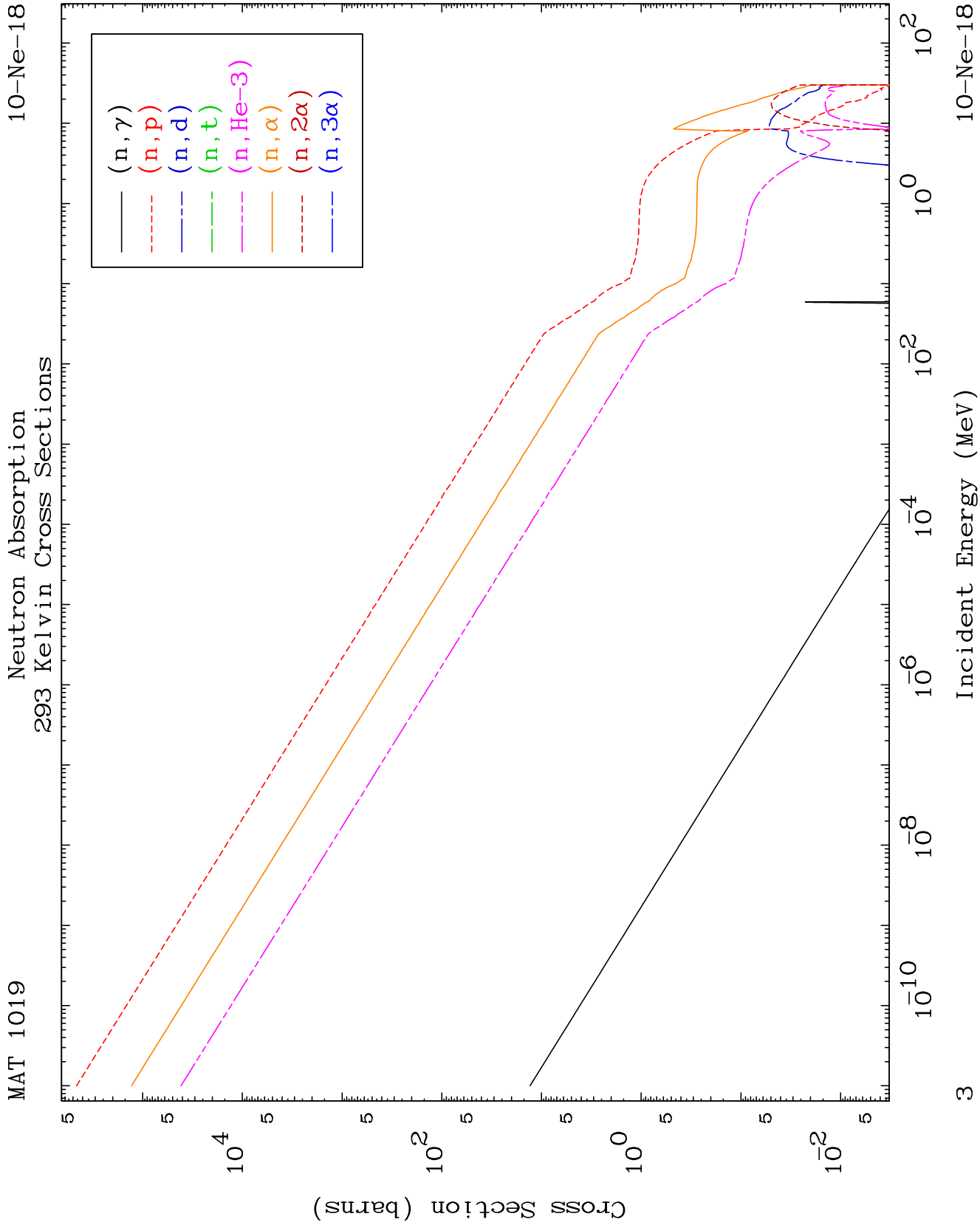
10-Ne-18



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Incident Energy (MeV)

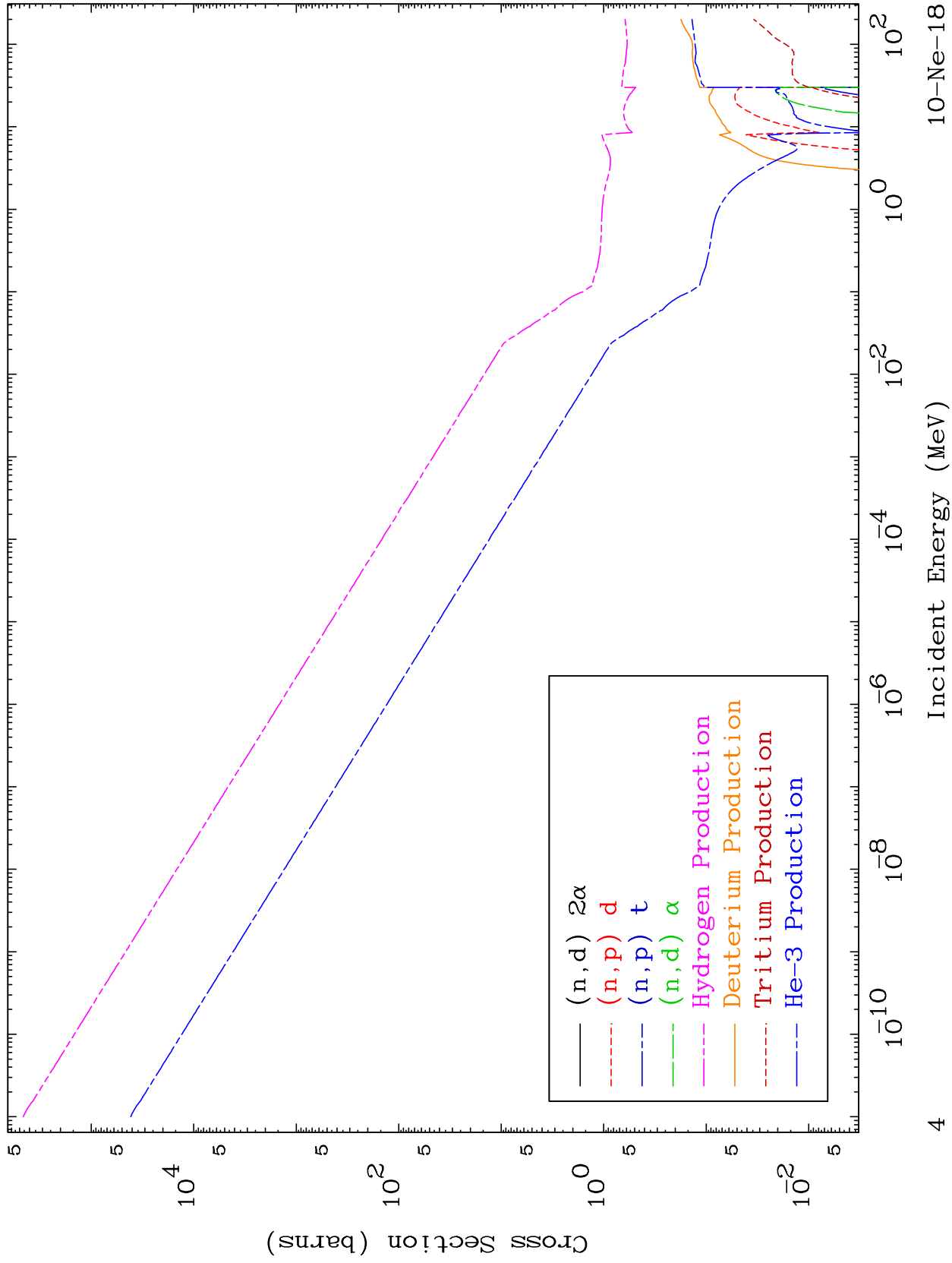
10-Ne-18



MAT 1019

Neutron Absorption  
293 Kelvin Cross Sections

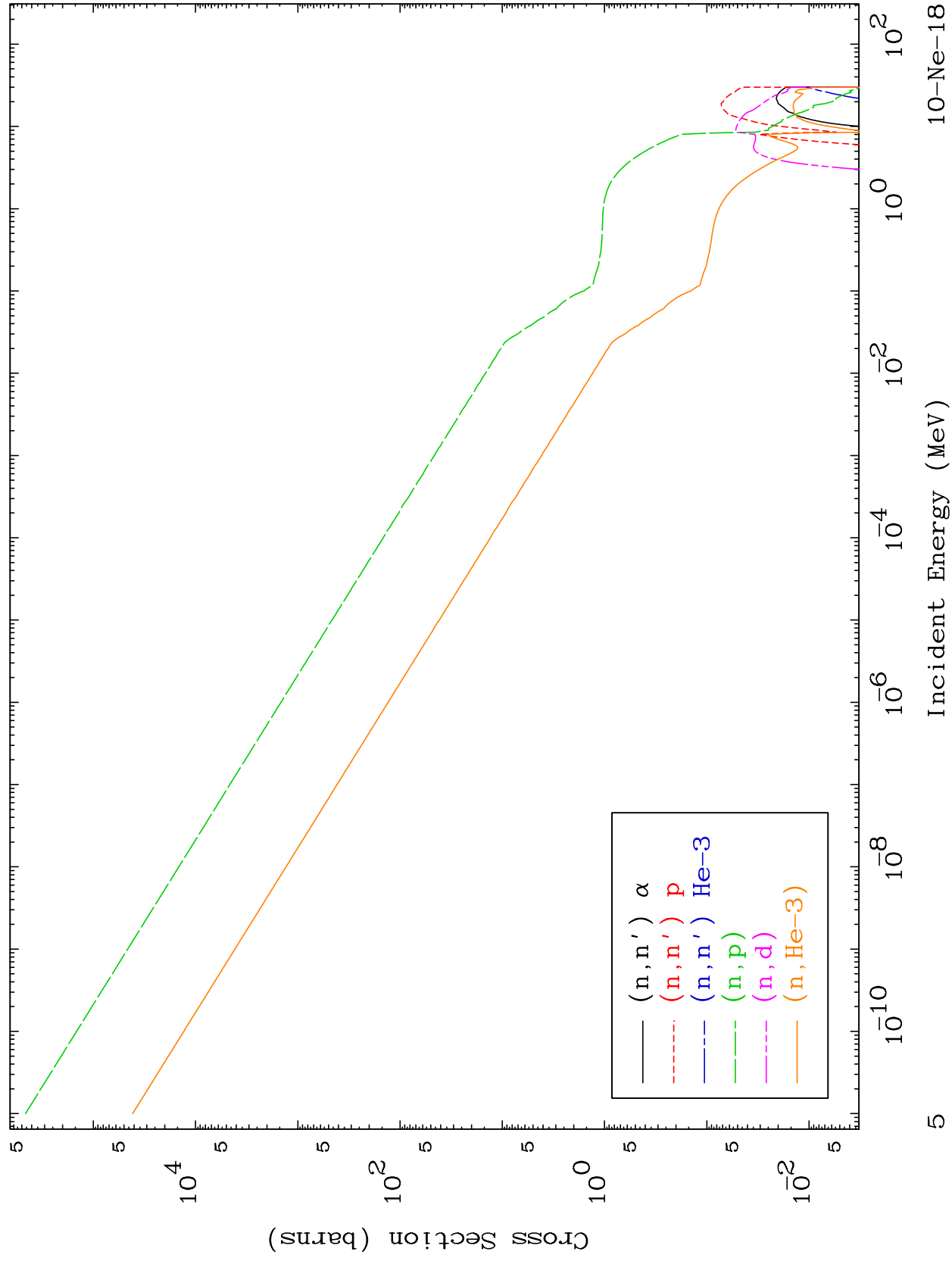
10-Ne-18



MAT 1019

Charged Particle  
293 Kelvin Cross Sections

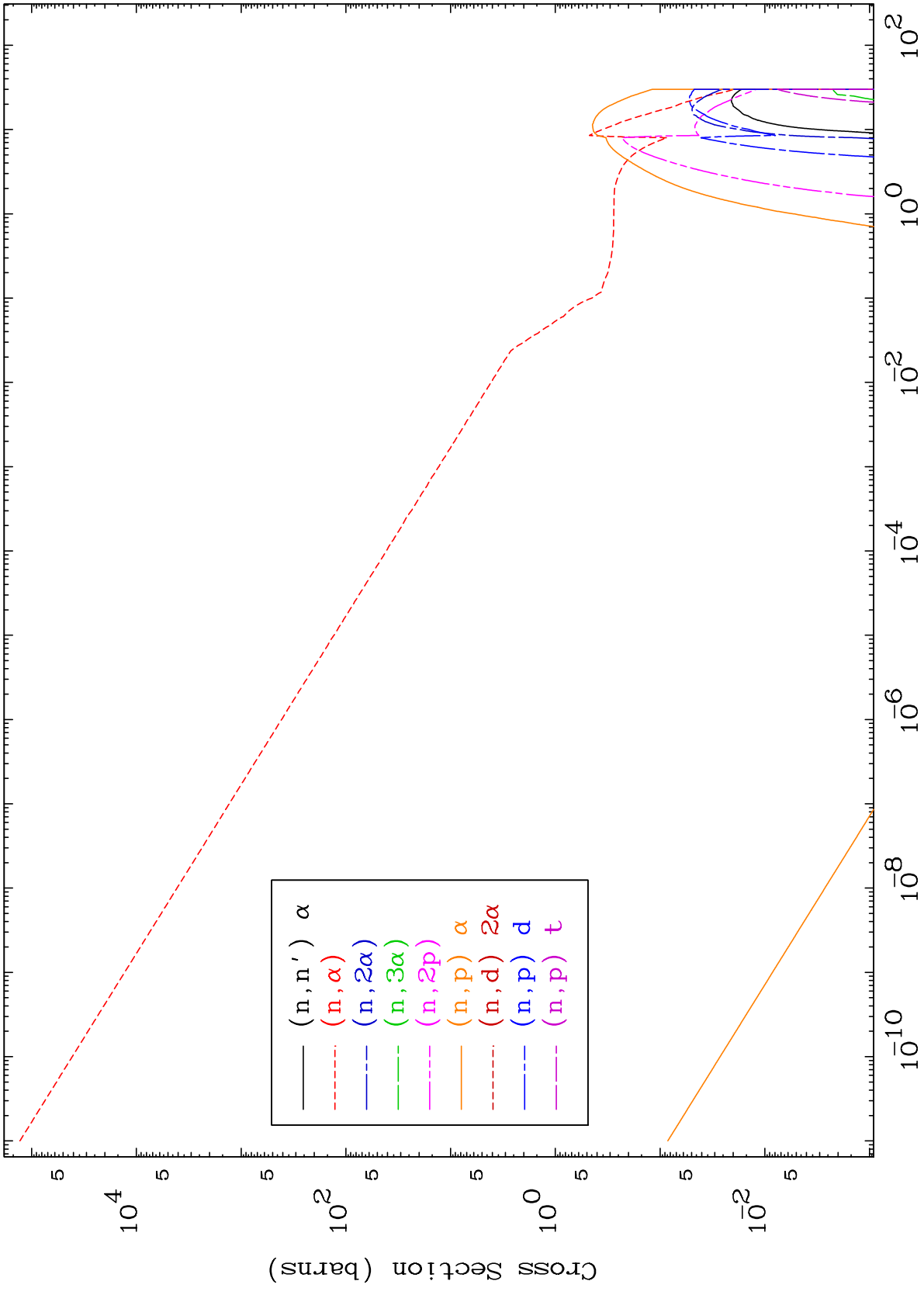
10-Ne-18



MAT 1019

Charged Particle  
293 Kelvin Cross Sections

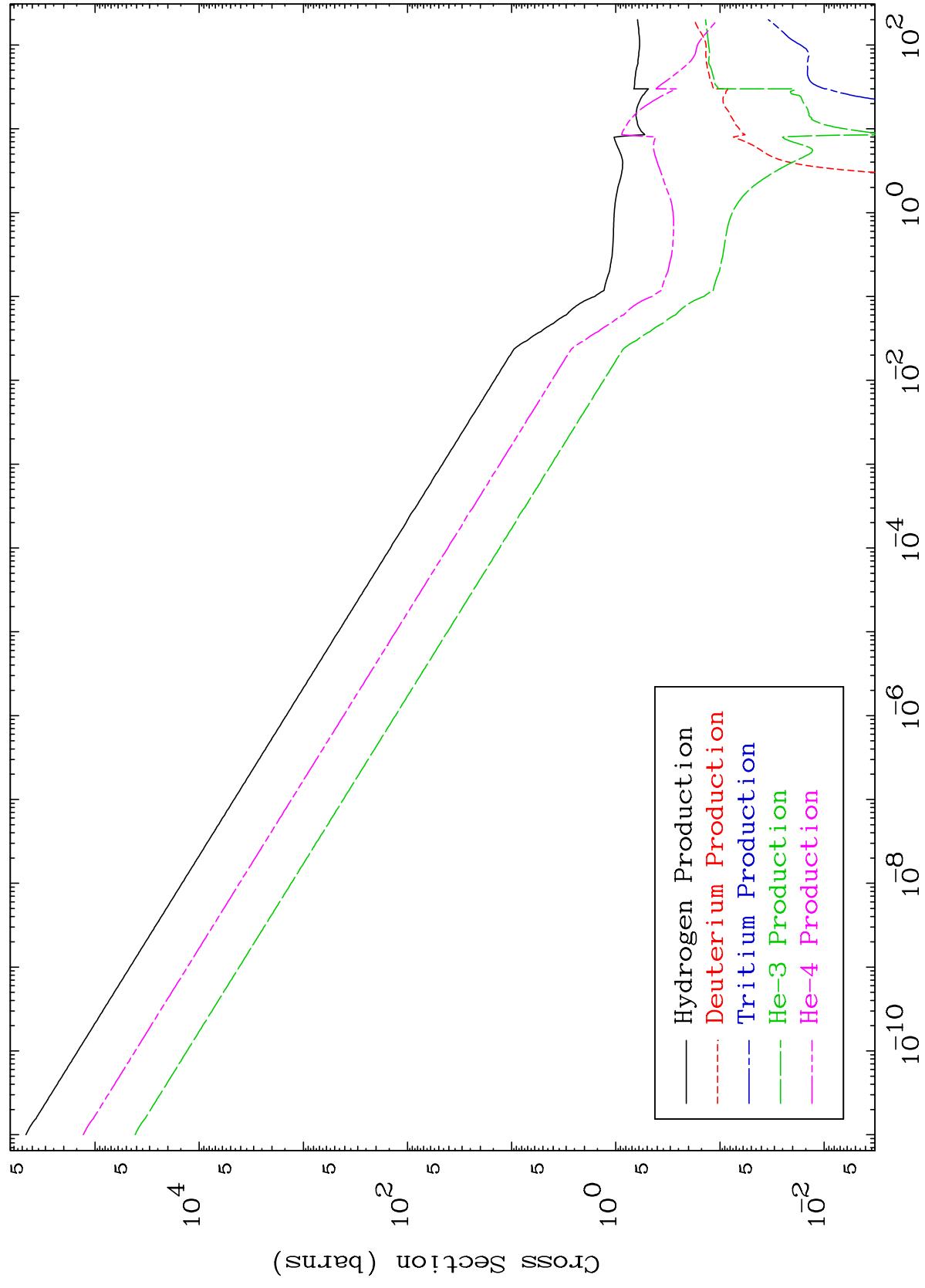
10-Ne-18



MAT 1019

Particle Production  
293 Kelvin Cross Sections

10-Ne-18

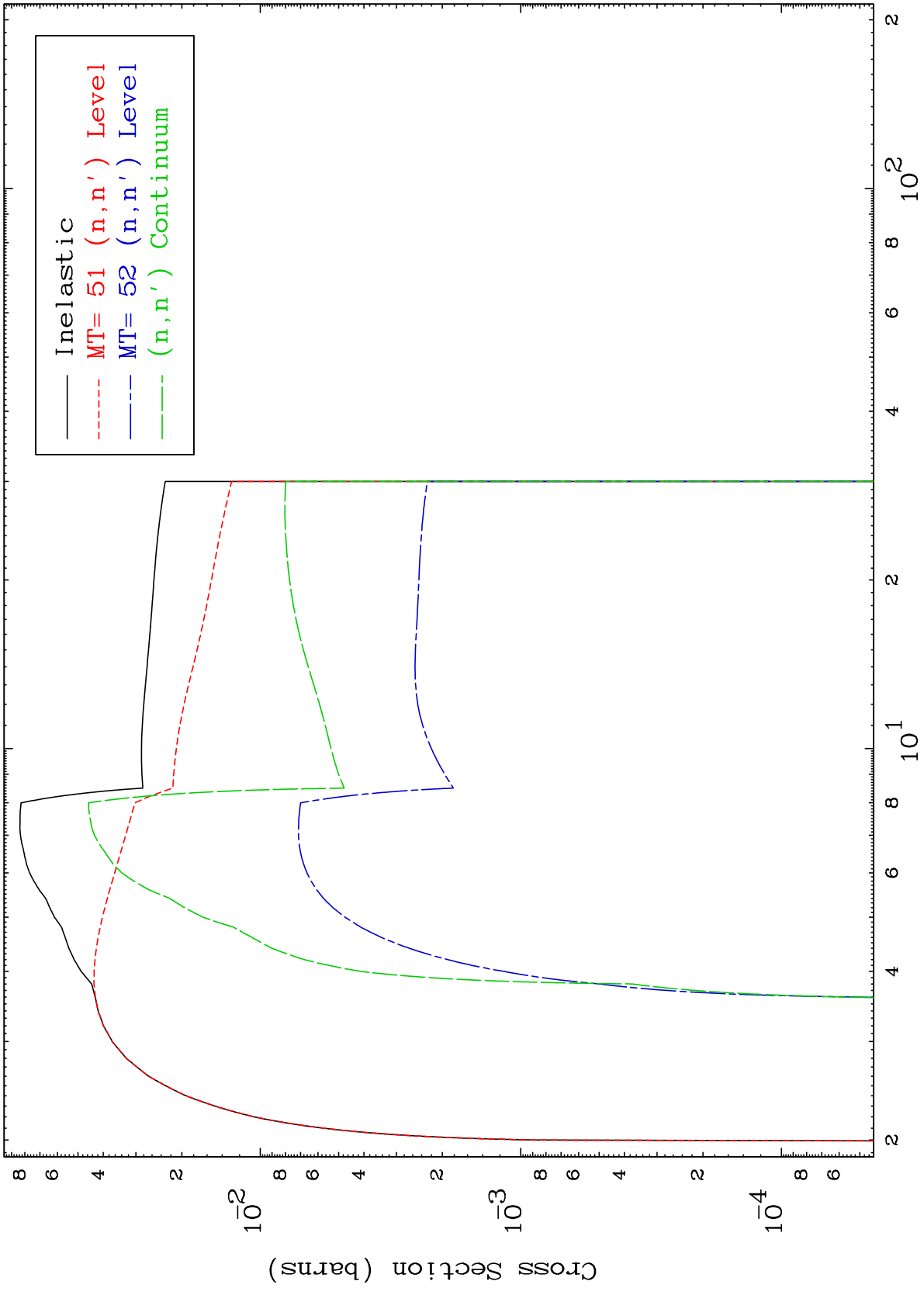




MAT 1019

(n,n') Levels  
293 Kelvin Cross Sections

10-Ne-18

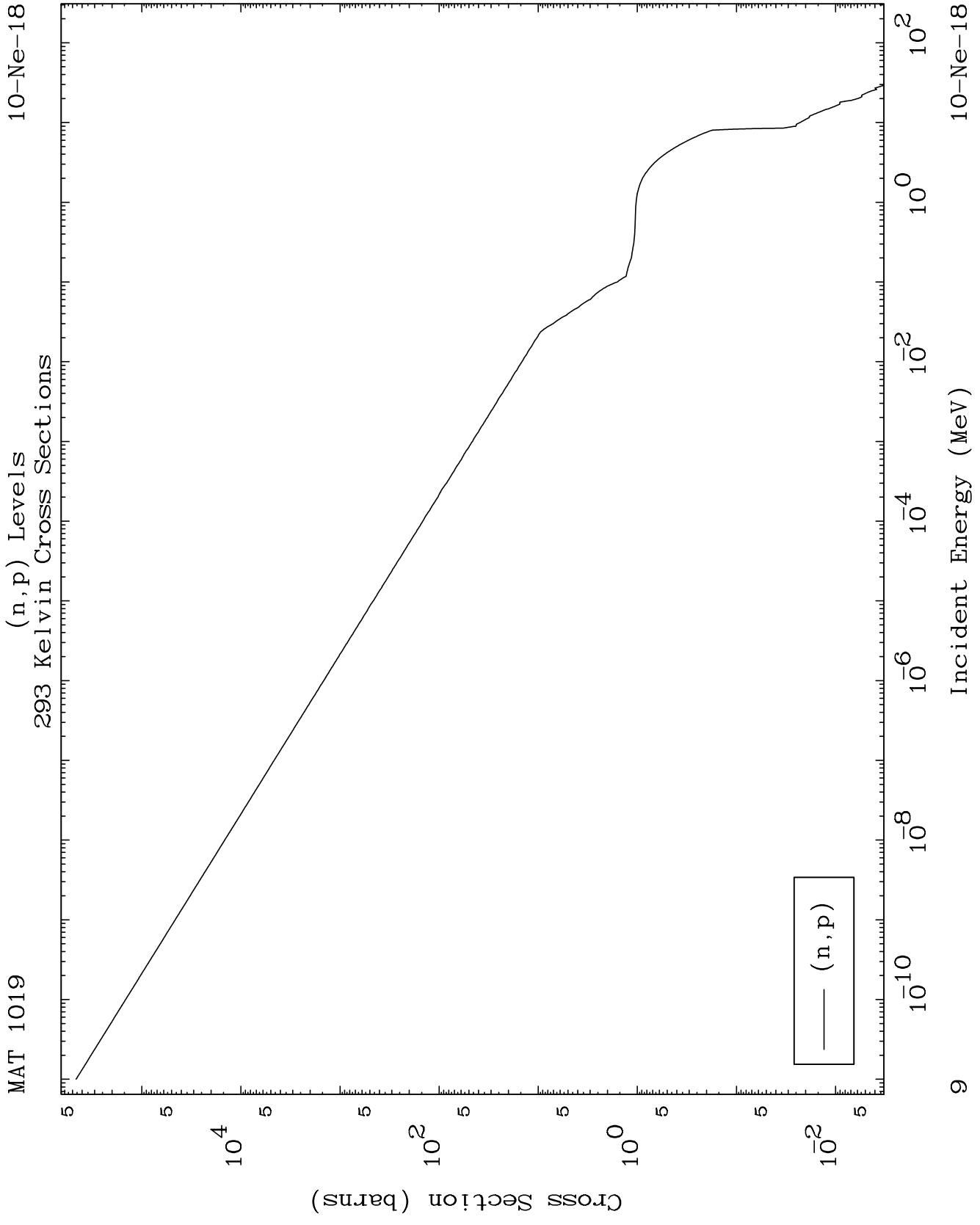


Inelastic  
MT= 51 (n,n') Level  
MT= 52 (n,n') Level  
(n,n') Continuum

8

Incident Energy (MeV)

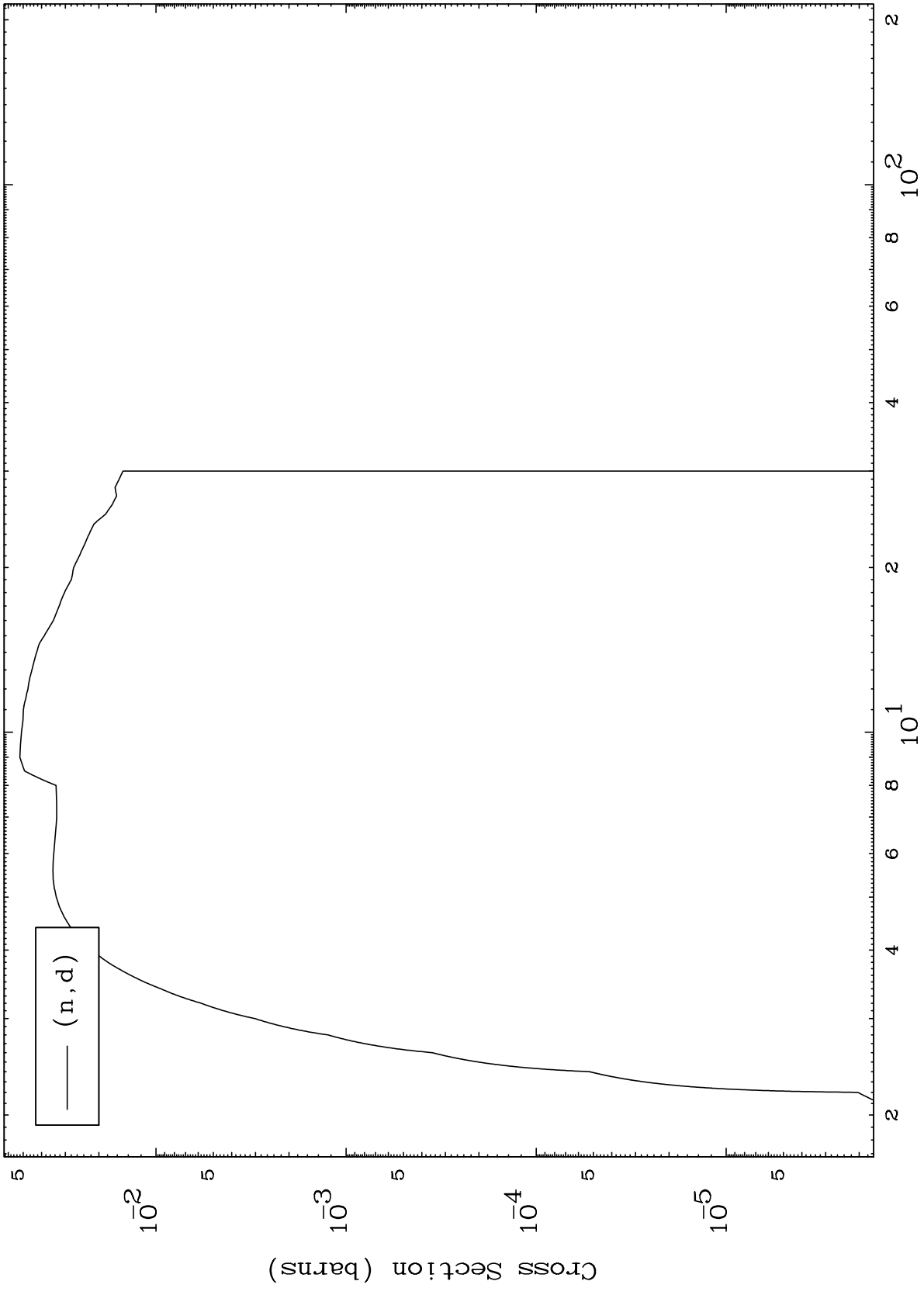
10-Ne-18



MAT 1019

(n,d) Levels  
293 Kelvin Cross Sections

10-Ne-18



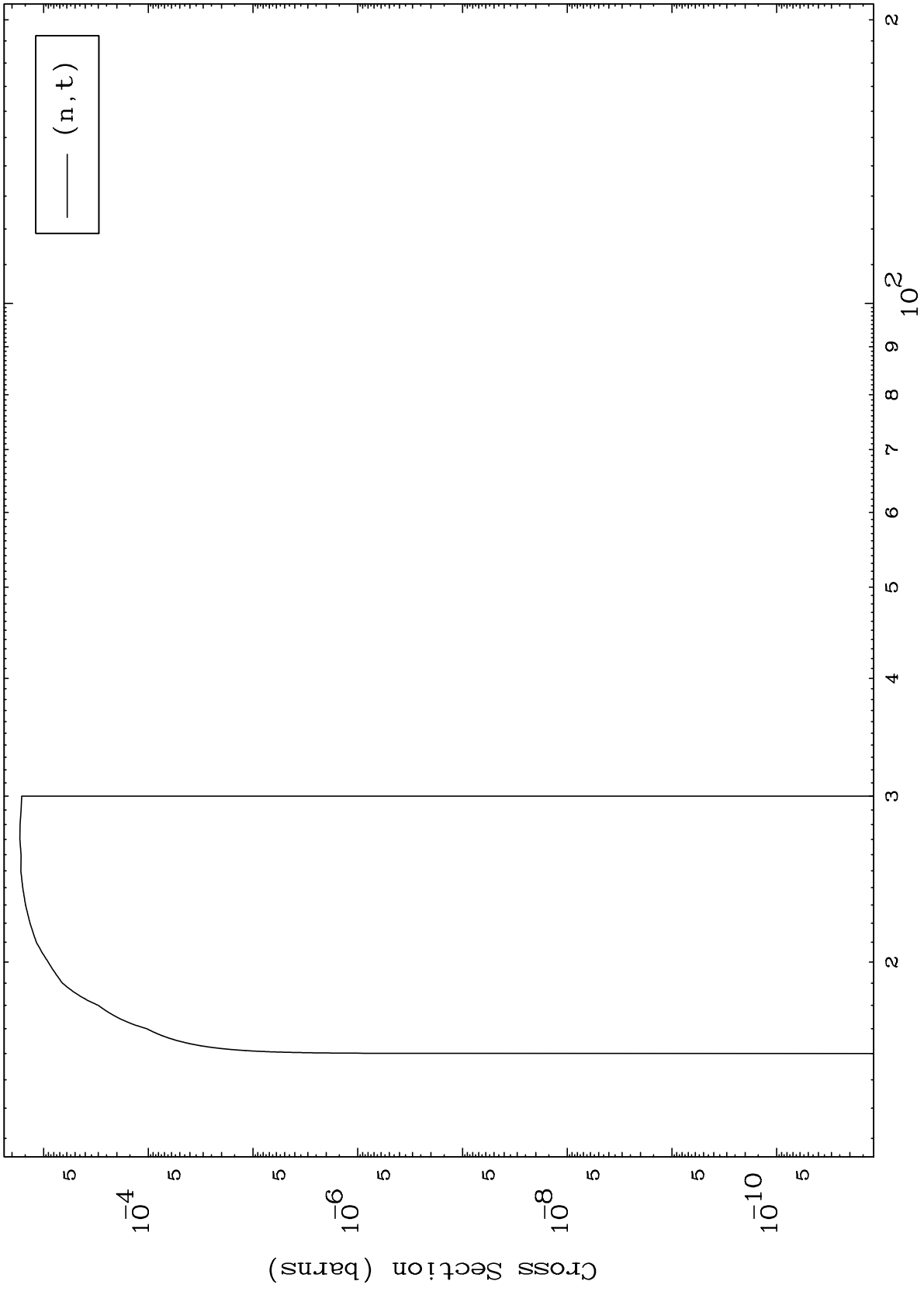
10

10-Ne-18

MAT 1019

(n,t) Levels  
293 Kelvin Cross Sections

10-Ne-18



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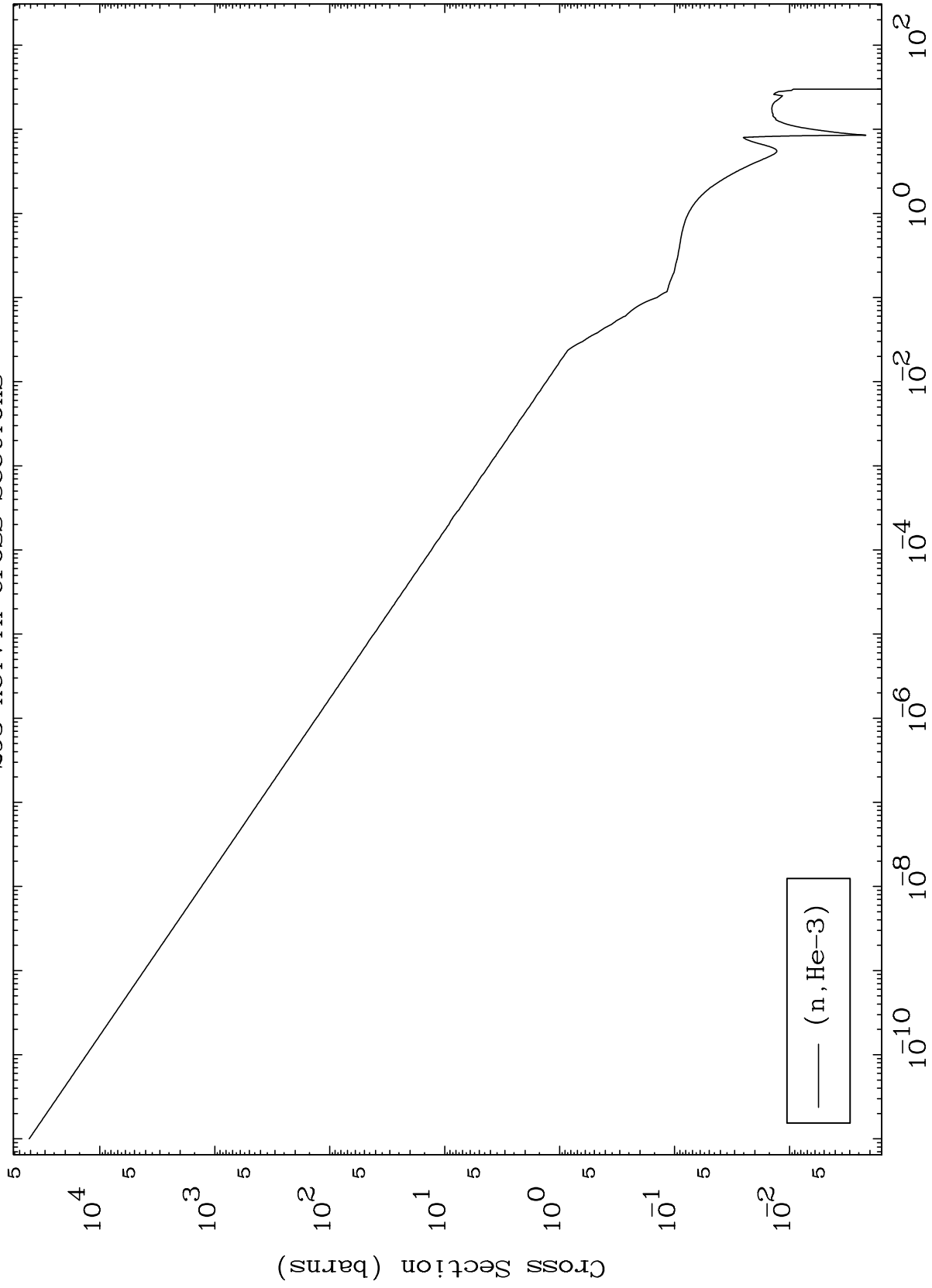
Incident Energy (MeV)

10-Ne-18

MAT 1019

(n,He3) Levels  
293 Kelvin Cross Sections

10-Ne-18

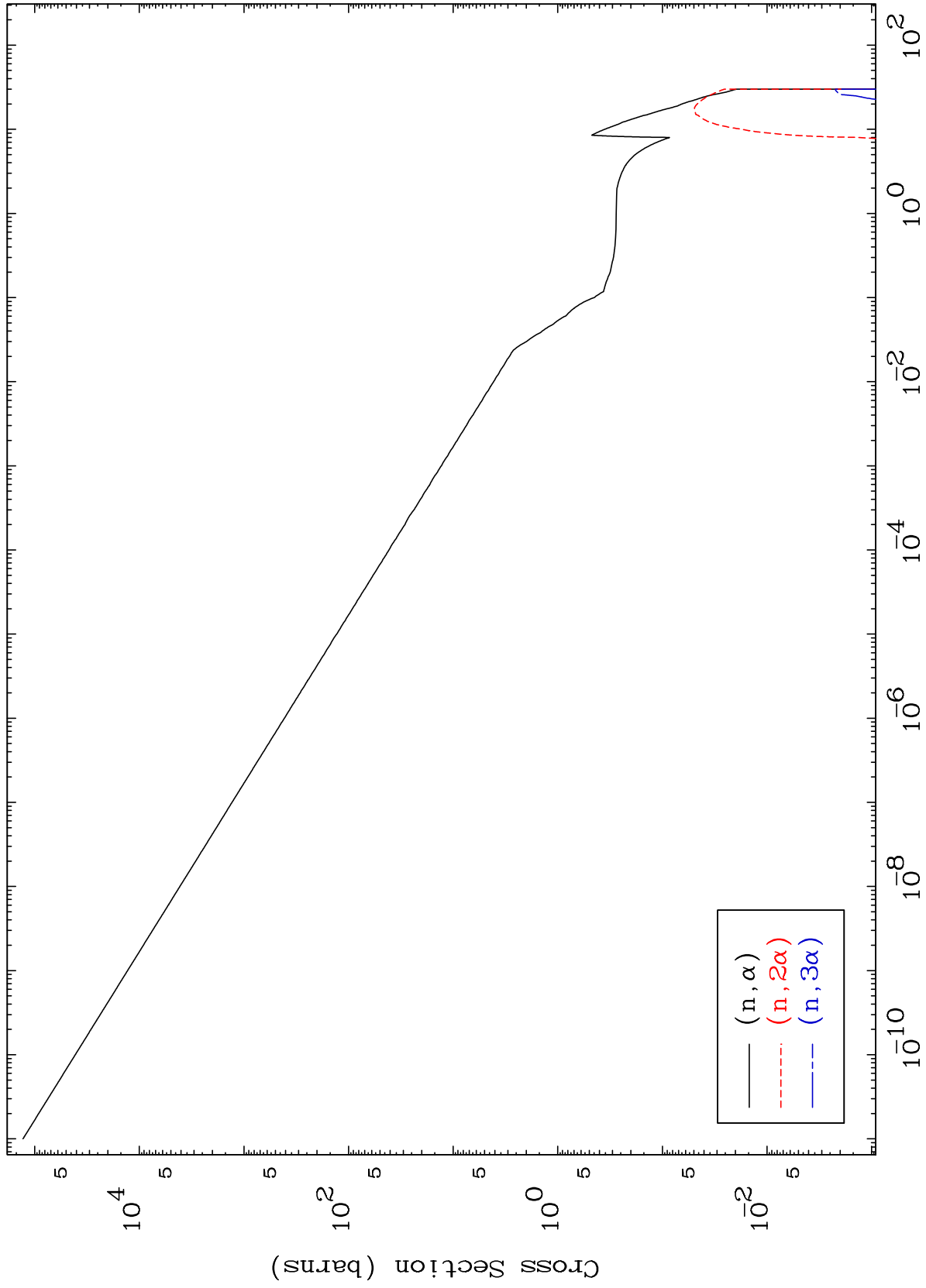


12

MAT 1019

(n,α) Levels  
293 Kelvin Cross Sections

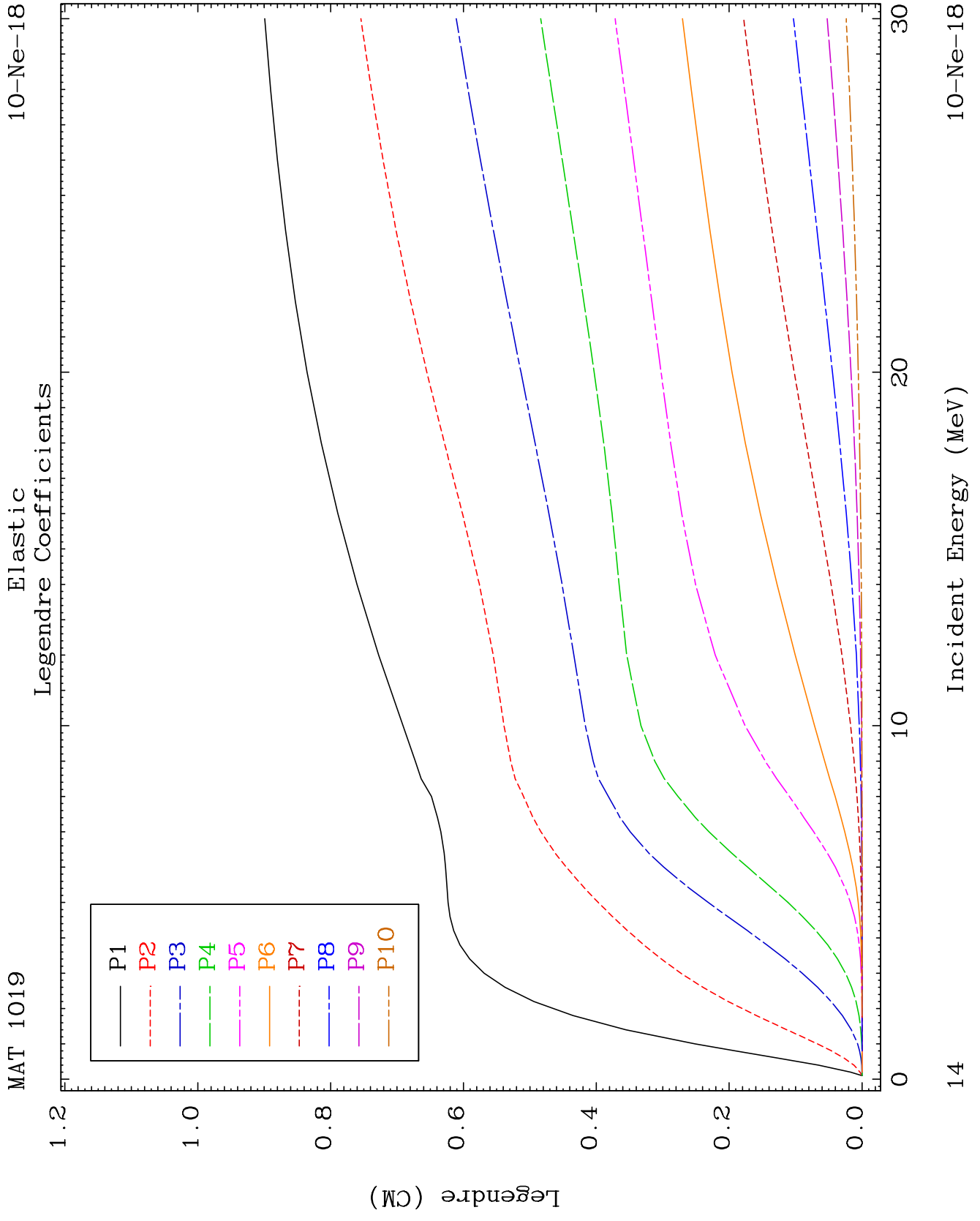
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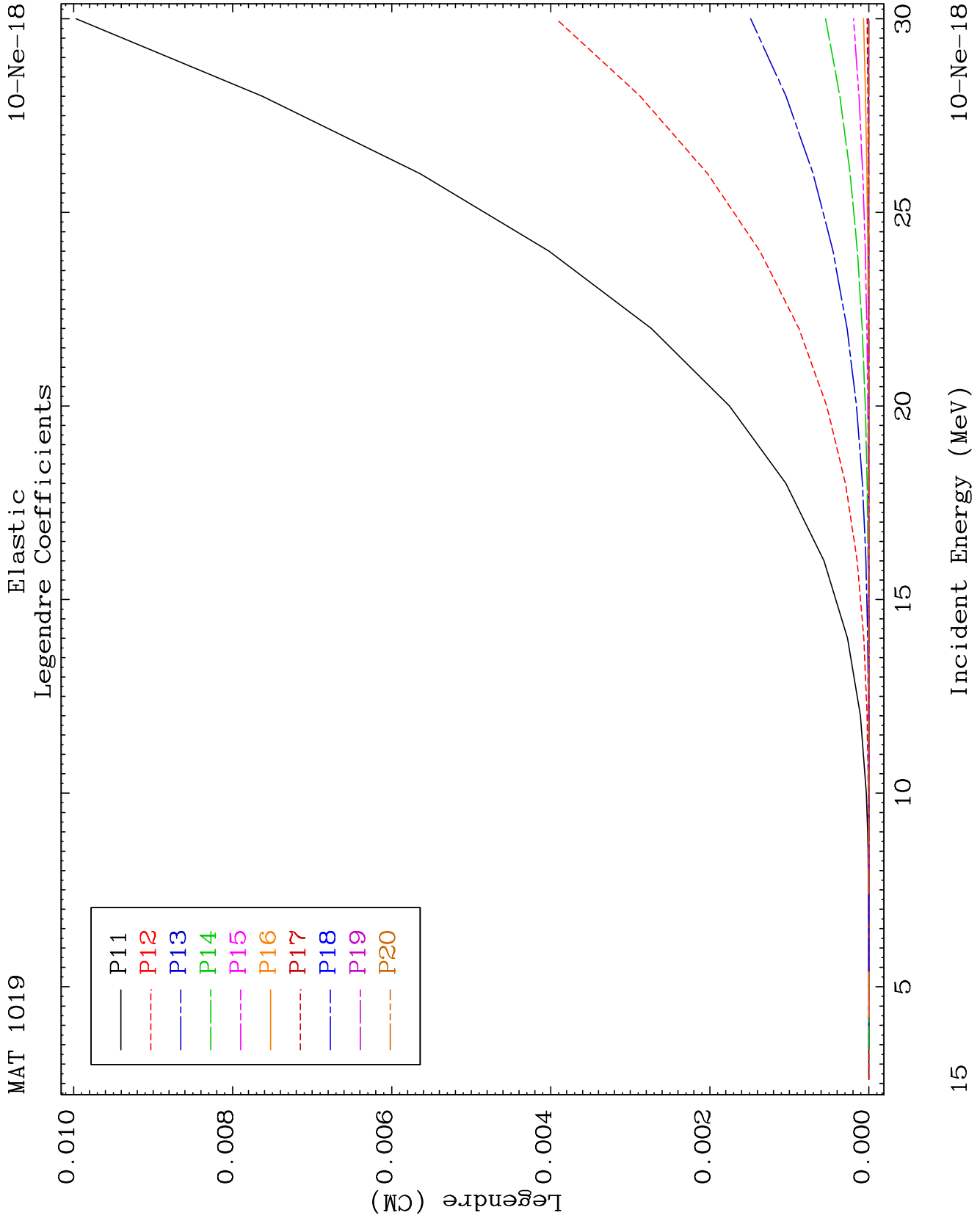


13

Incident Energy (MeV)

10-Ne-18

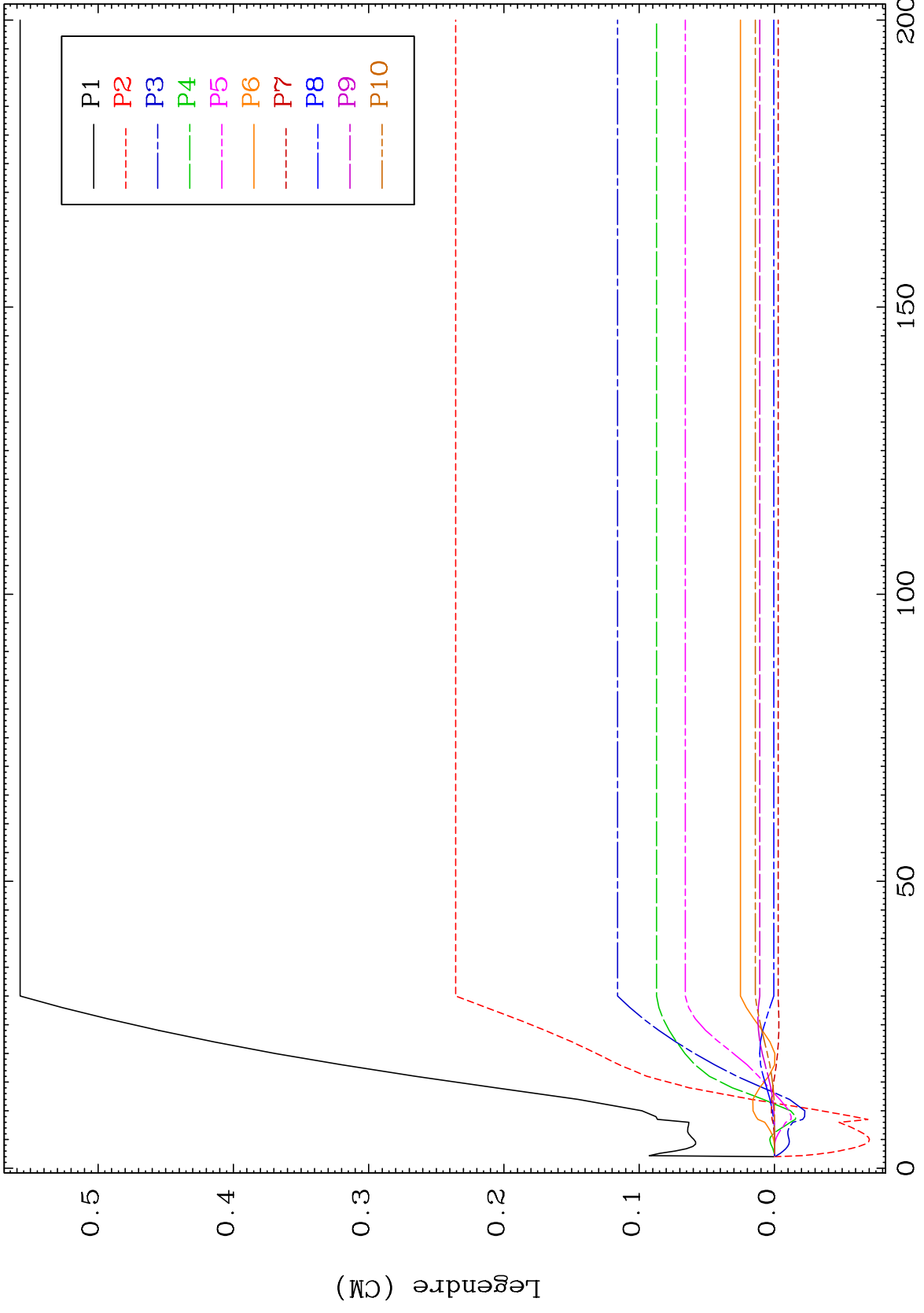




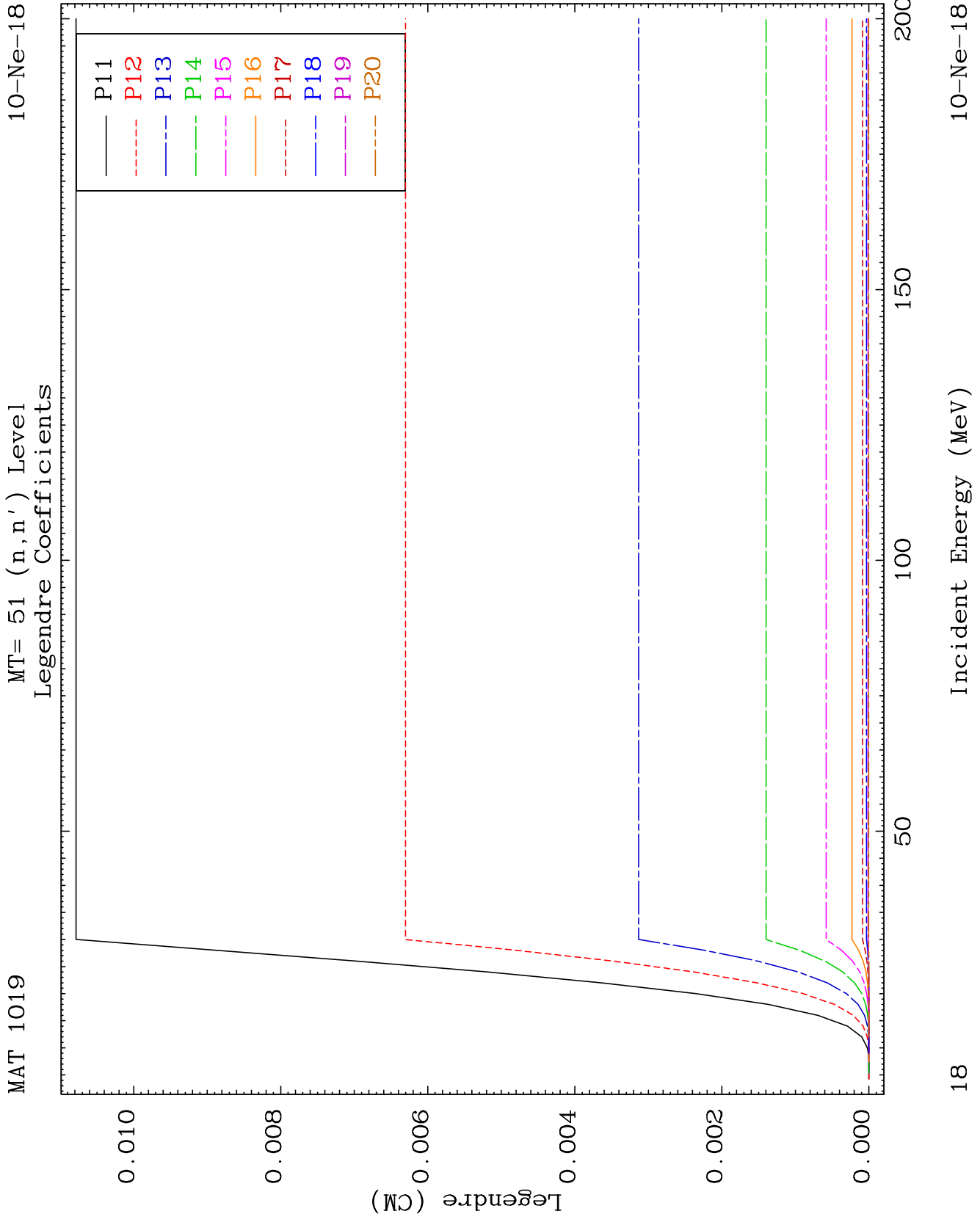




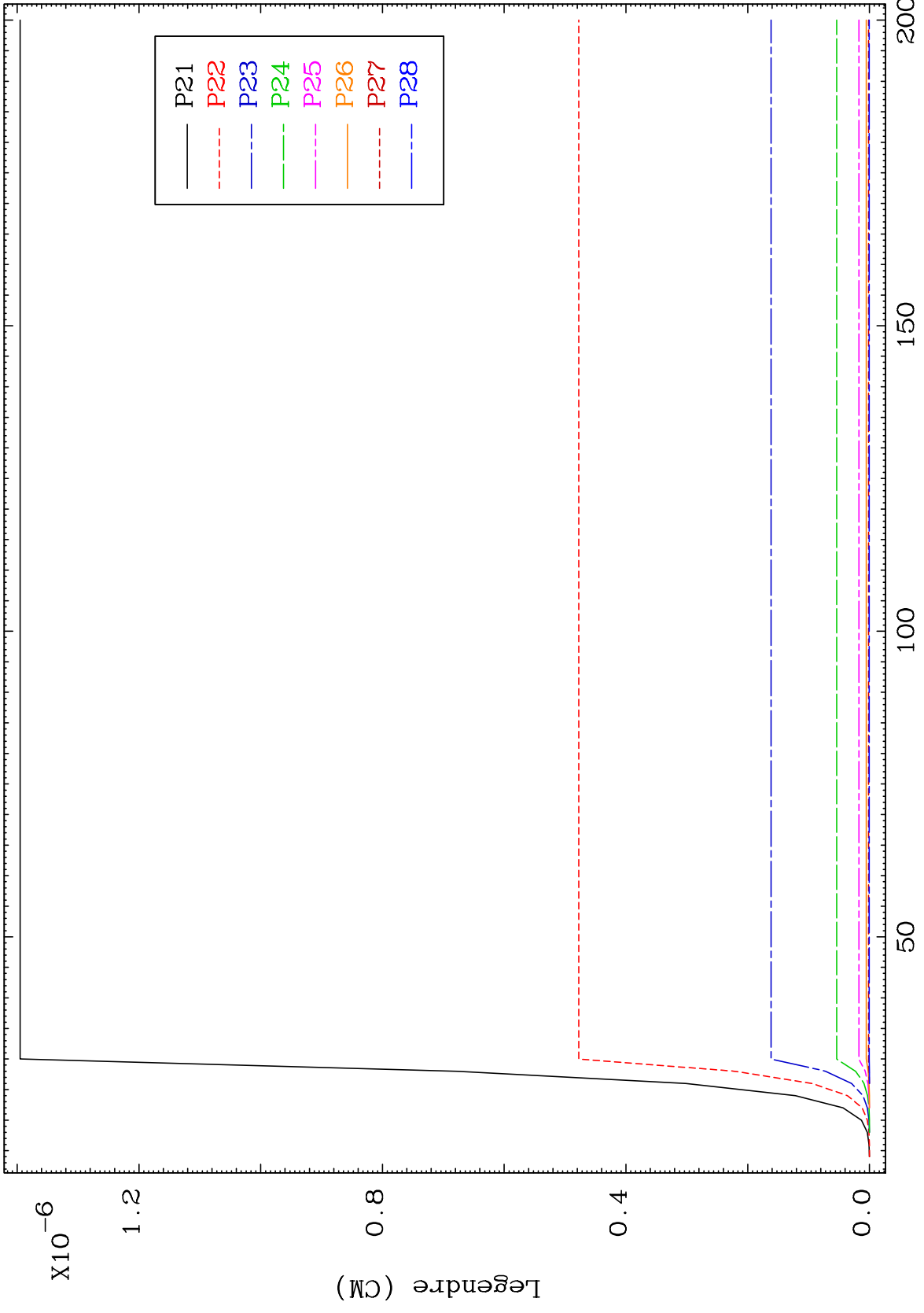
MAT 1019 MT= 51 (n,n') Level Legendre Coefficients 10-Ne-18



17 10-Ne-18

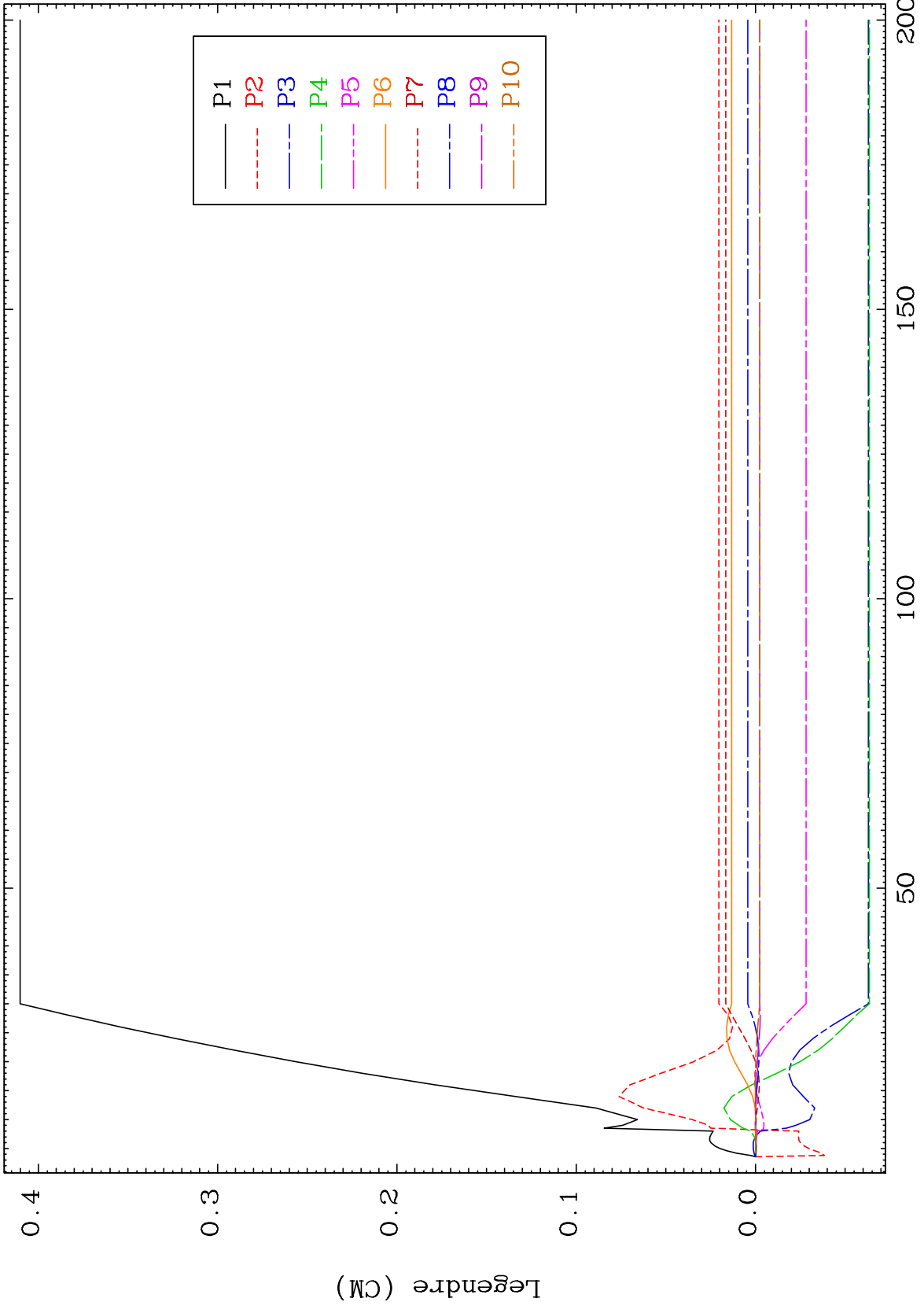


MAT 1019 MT= 51 (n,n') Level Legendre Coefficients 10-Ne-18

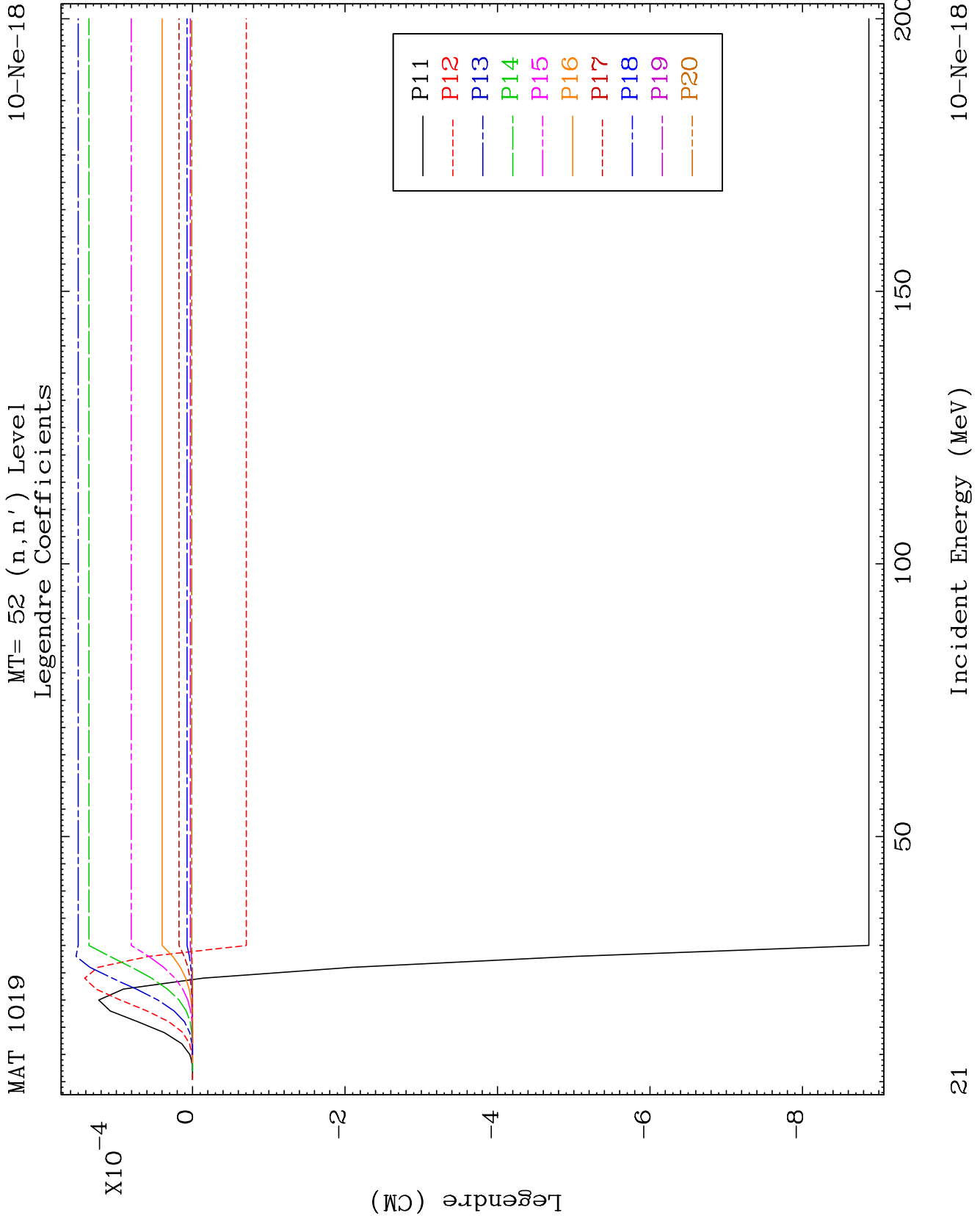


19 10-Ne-18

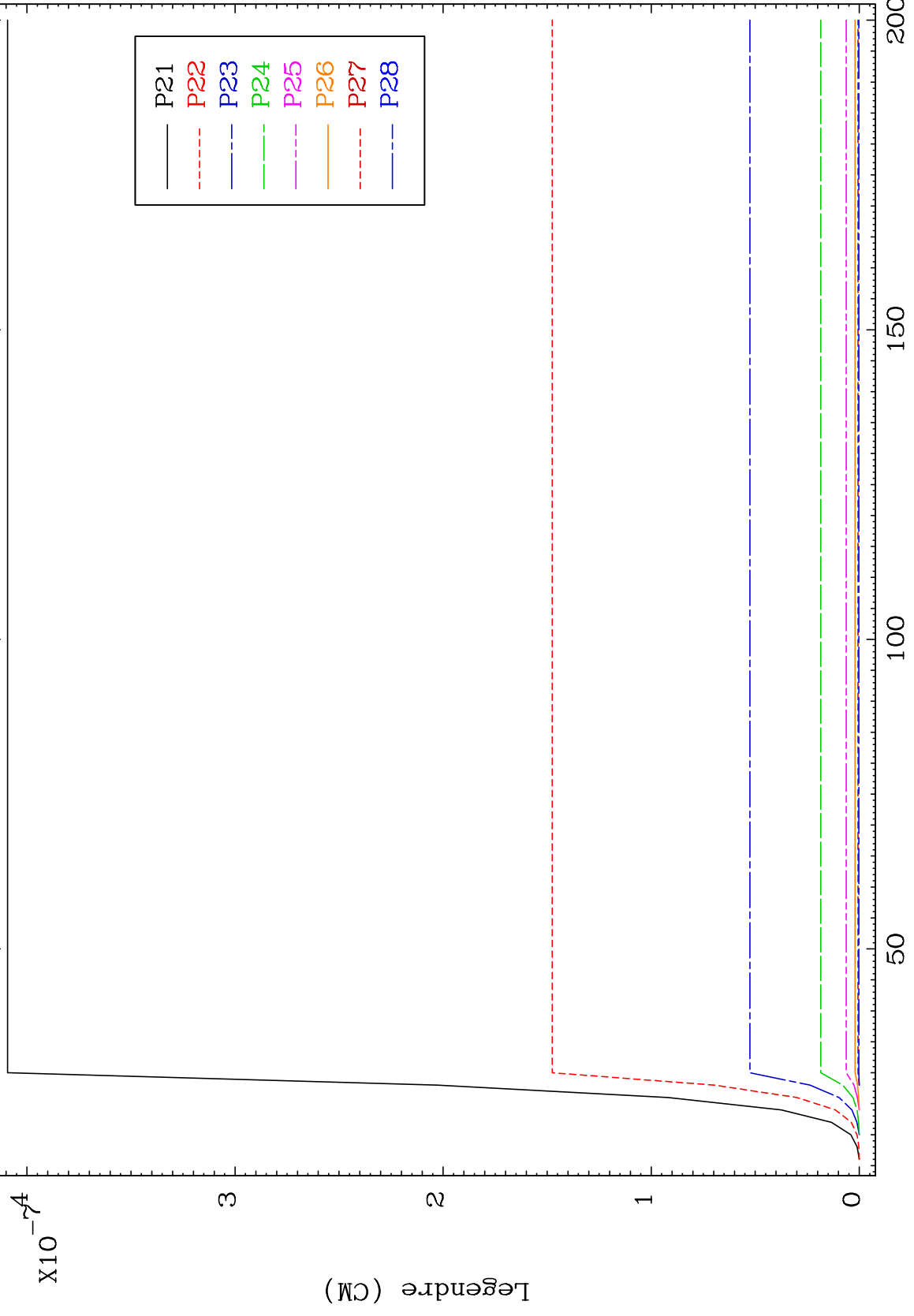
MAT 1019 MT= 52 (n,n') Level Legendre Coefficients 10-Ne-18



Incident Energy (MeV) 10-Ne-18



MAT 1019 MT= 52 (n,n') Level Legendre Coefficients 10-Ne-18

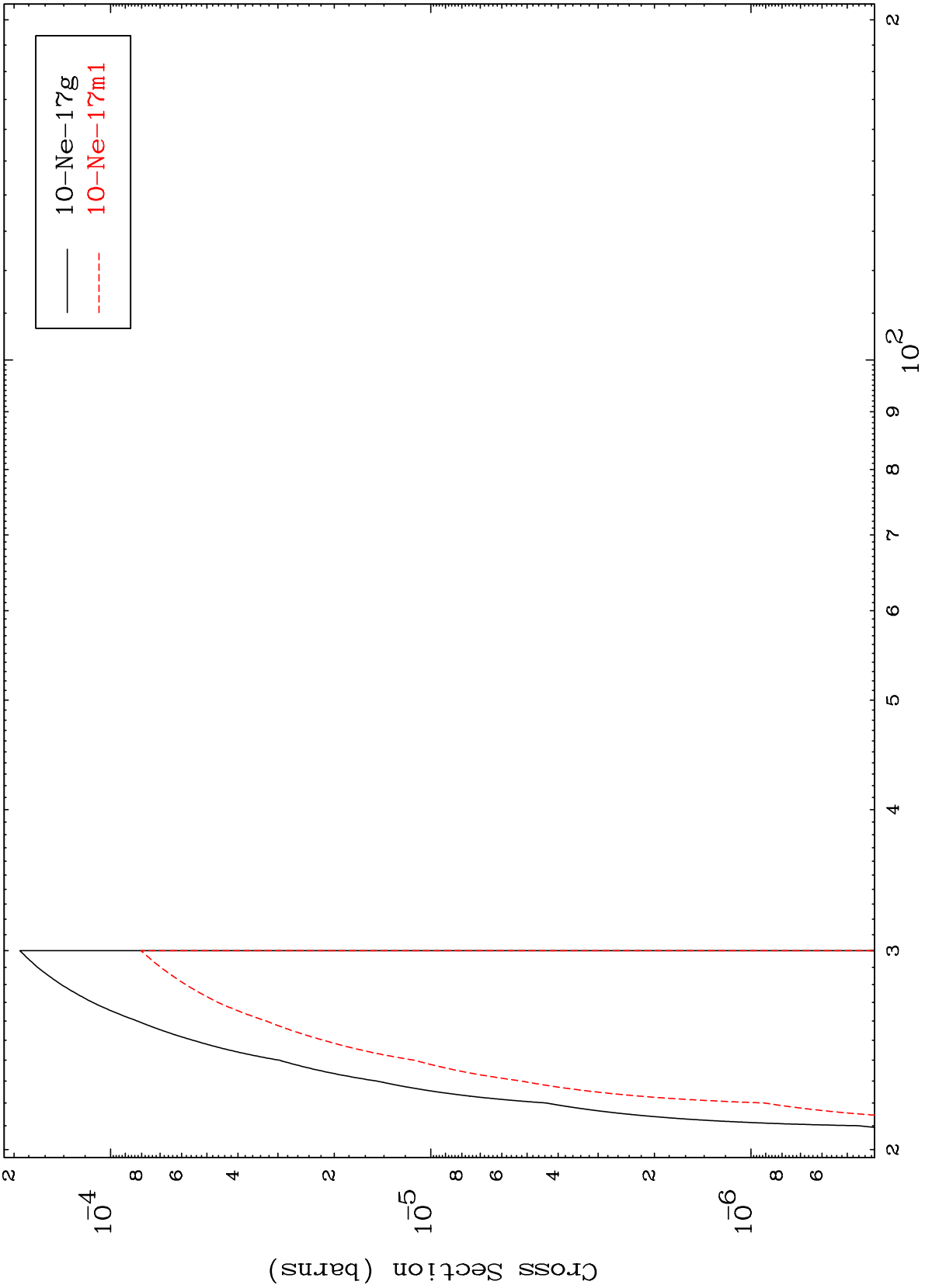


22 50 100 150 200 10-Ne-18

MAT 1019

10-Ne-18

(n,2n)  
Radionuclide Production Cross Section



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10-Ne-18