

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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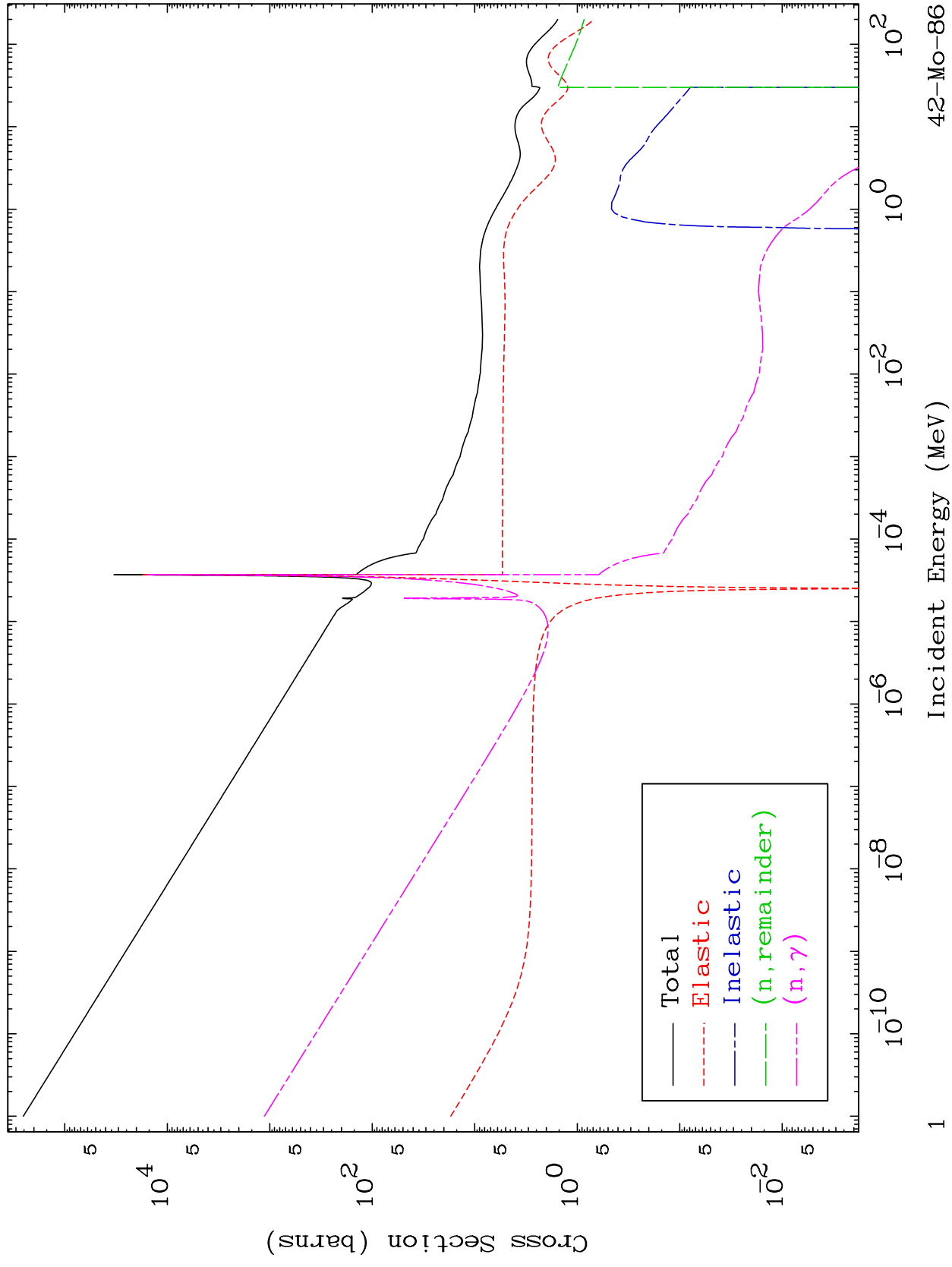
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4207

Major  
293 Kelvin Cross Sections

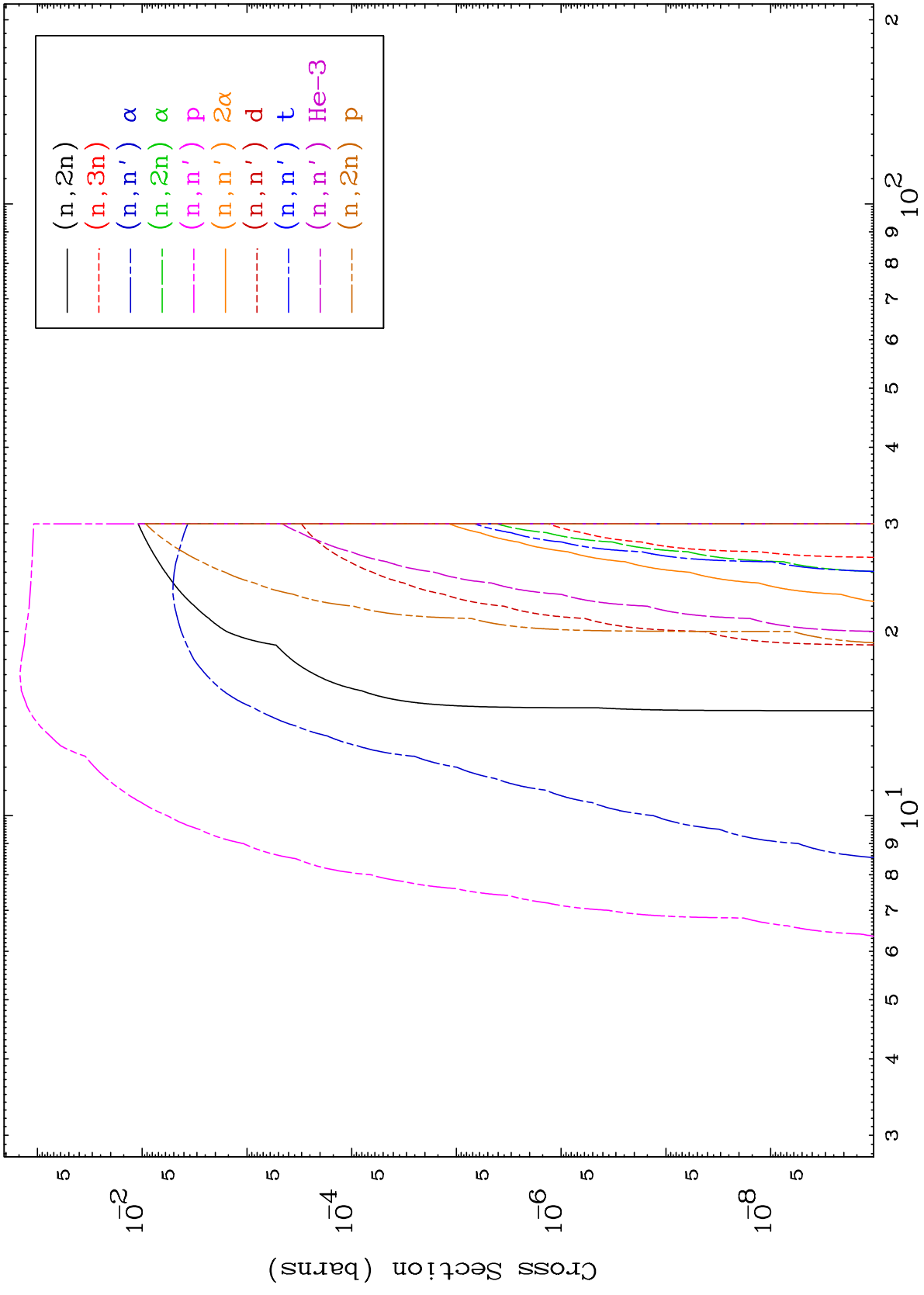
42-Mo-86



MAT 4207

### Neutron Production 293 Kelvin Cross Sections

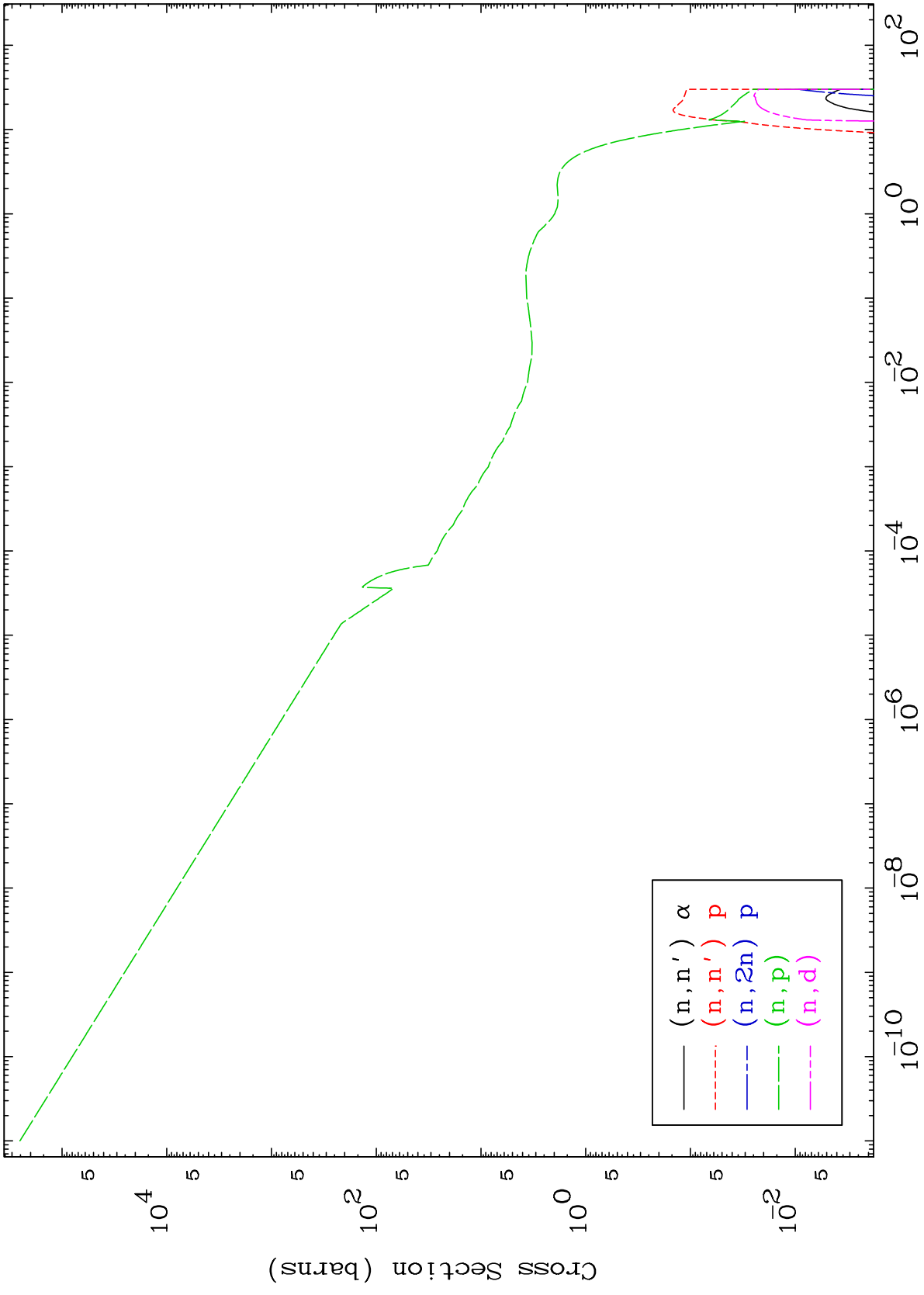
42-Mo-86



2

Incident Energy (MeV)

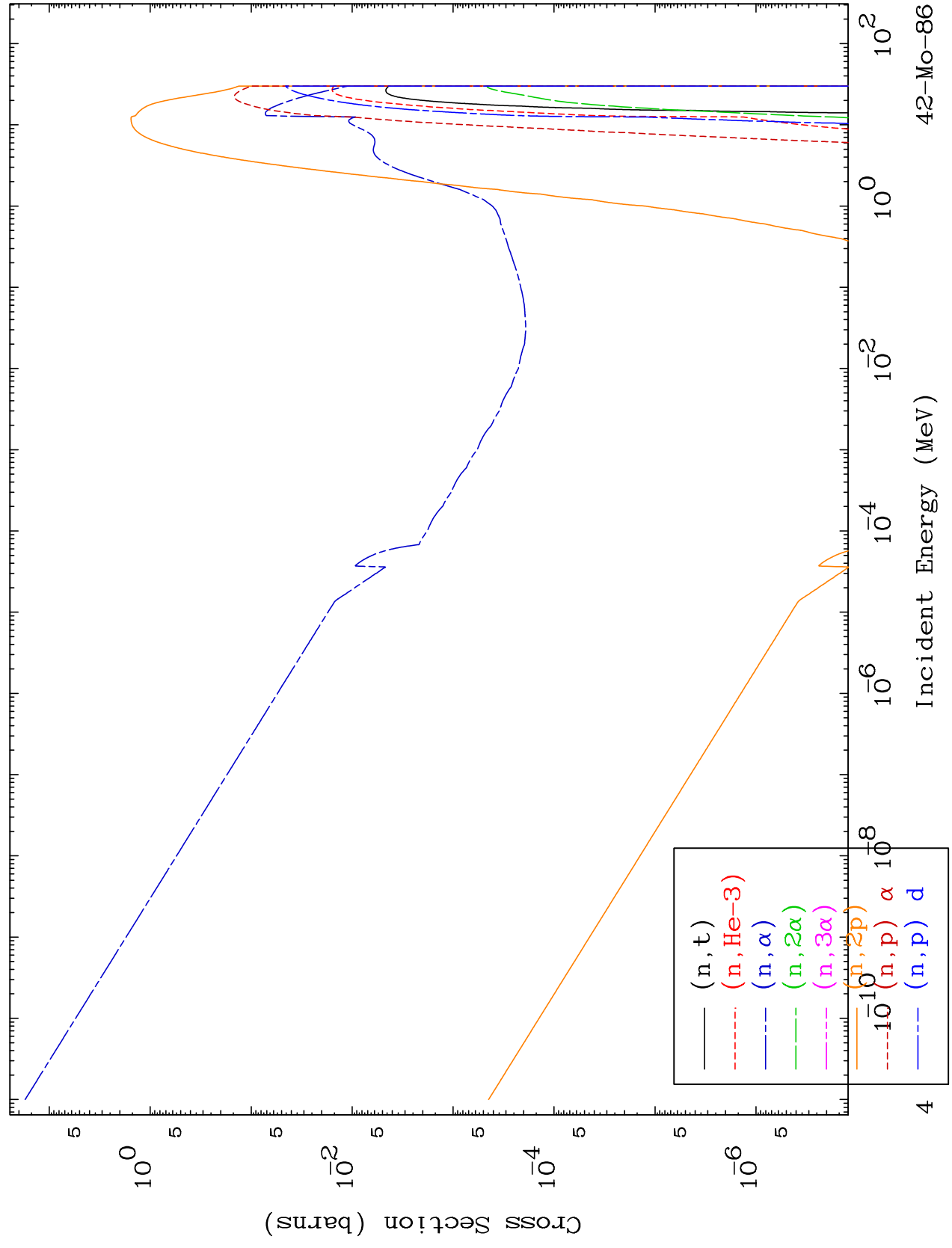
42-Mo-86

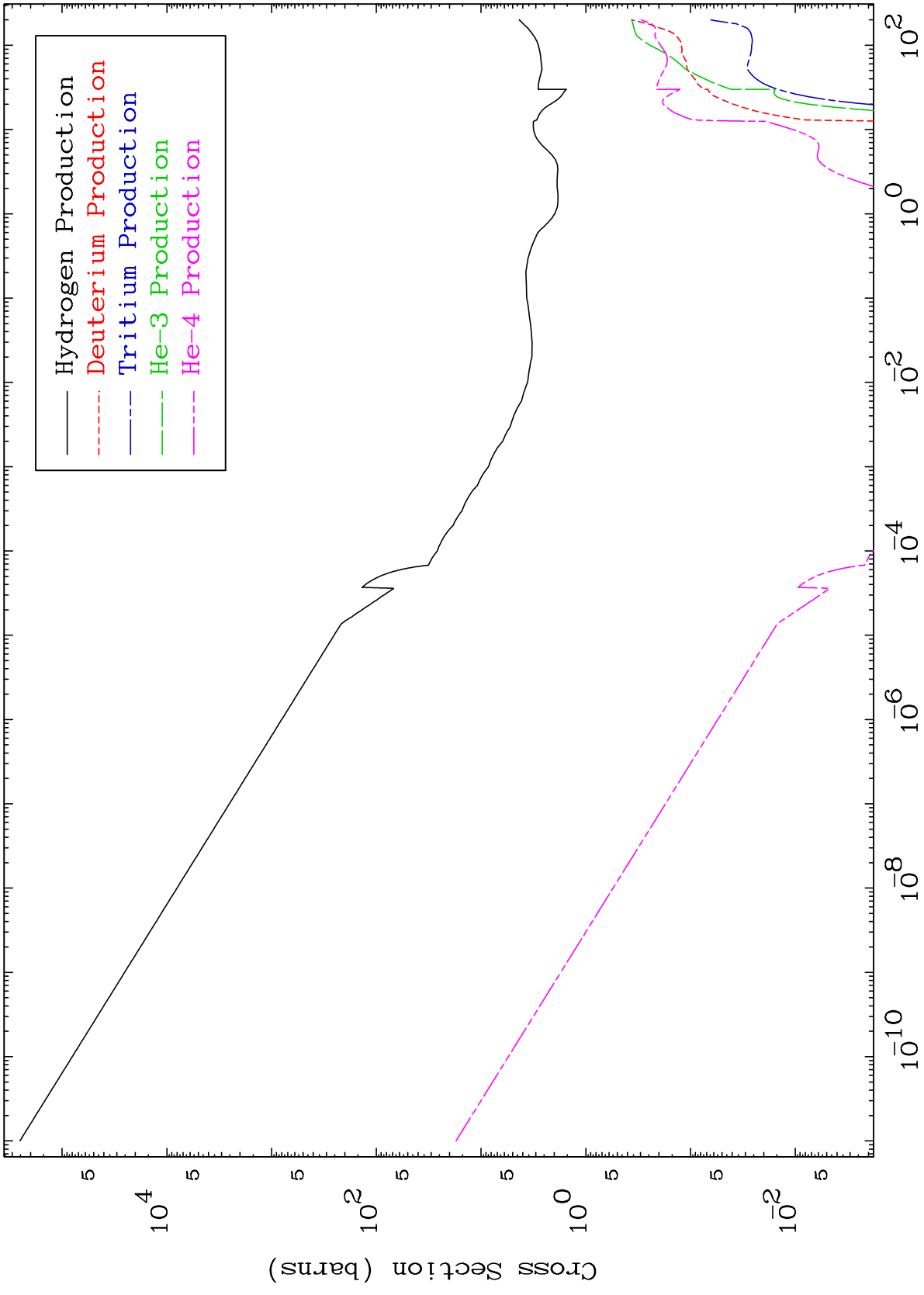


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Charged Particle  
293 Kelvin Cross Sections

42-Mo-86

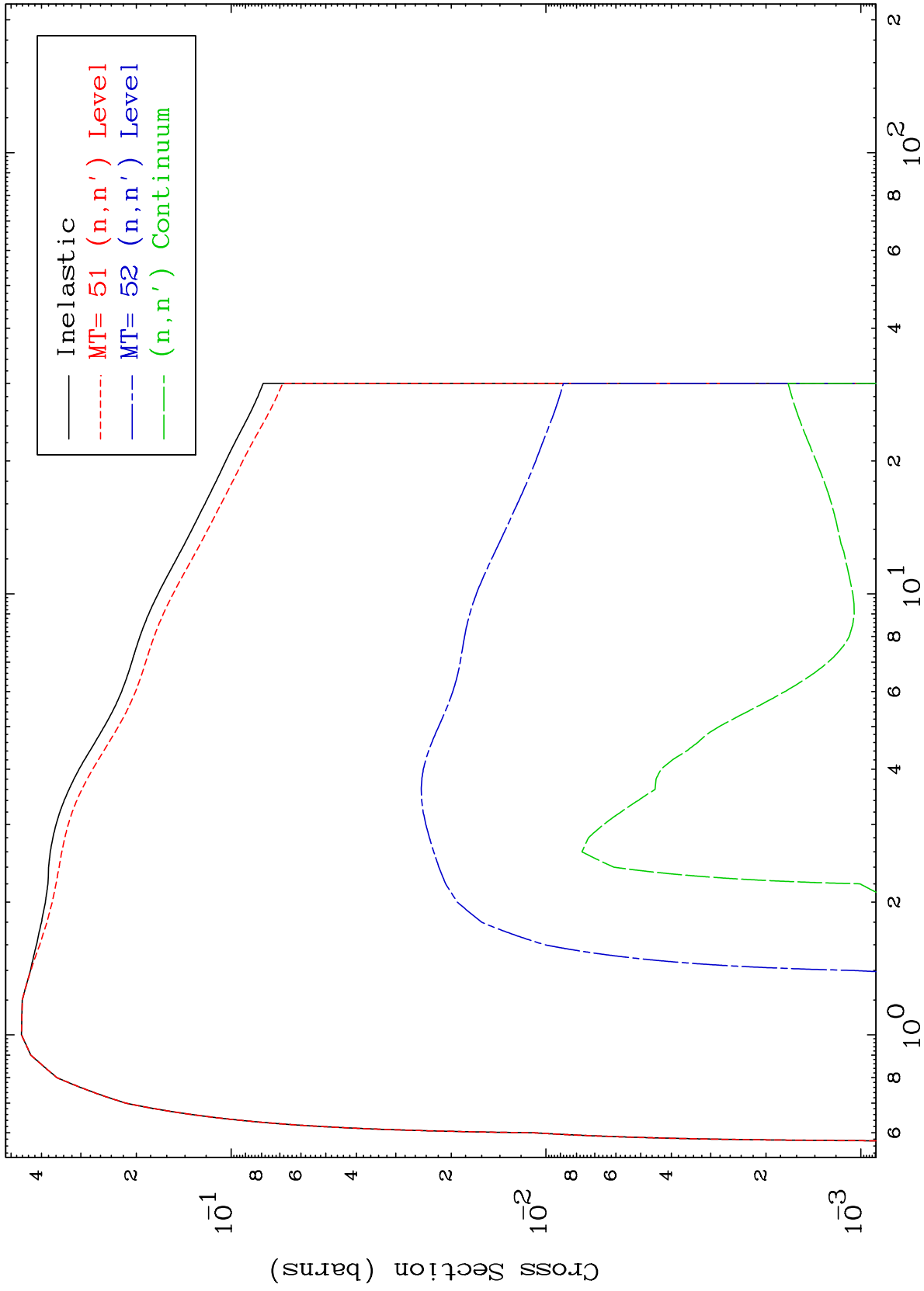




MAT 4207

(n,n') Level  
293 Kelvin Cross Sections

42-Mo-86



6

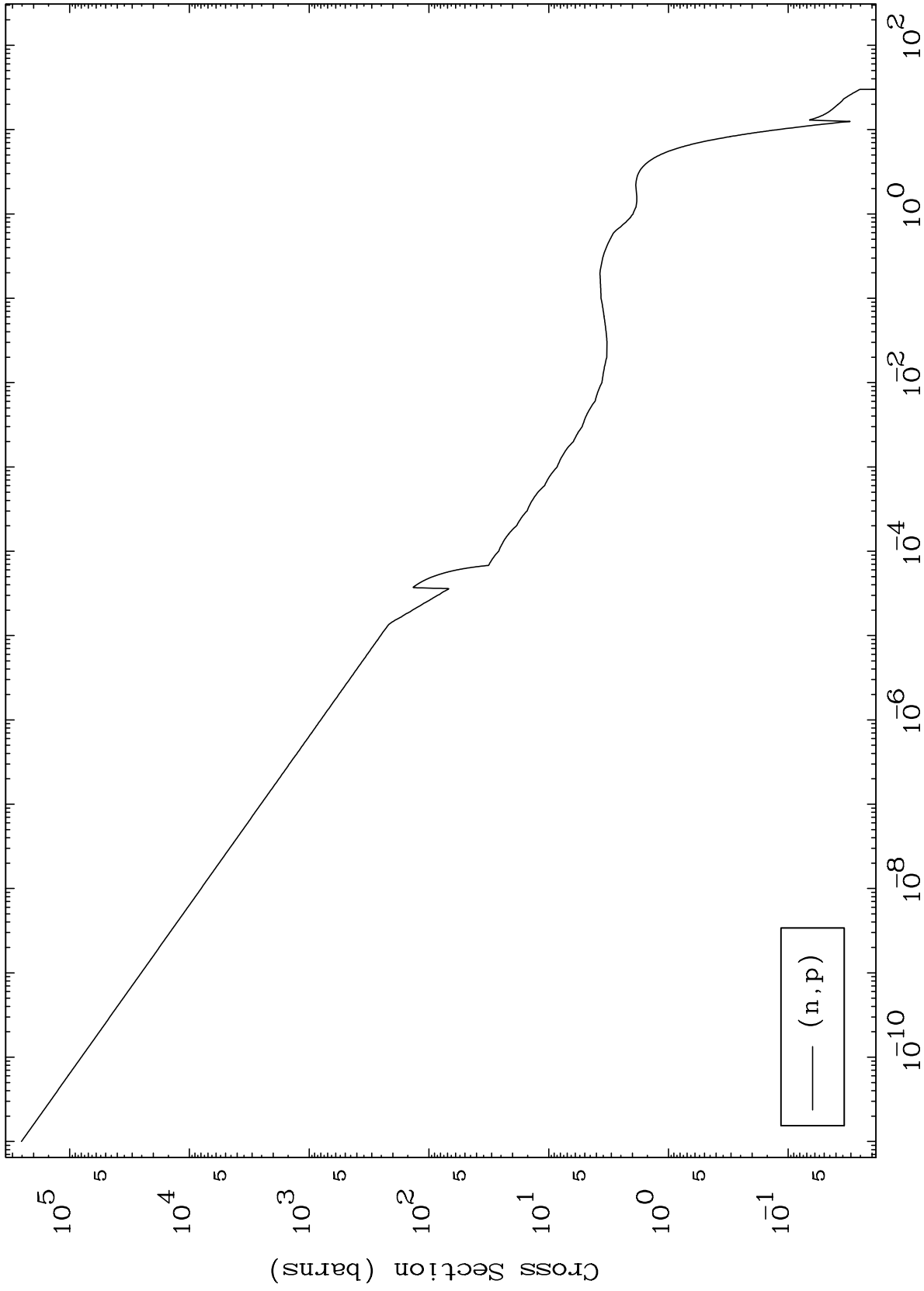
Incident Energy (MeV)

42-Mo-86

MAT 4207

(n,p) Levels  
293 Kelvin Cross Sections

42-Mo-86



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Incident Energy (MeV)

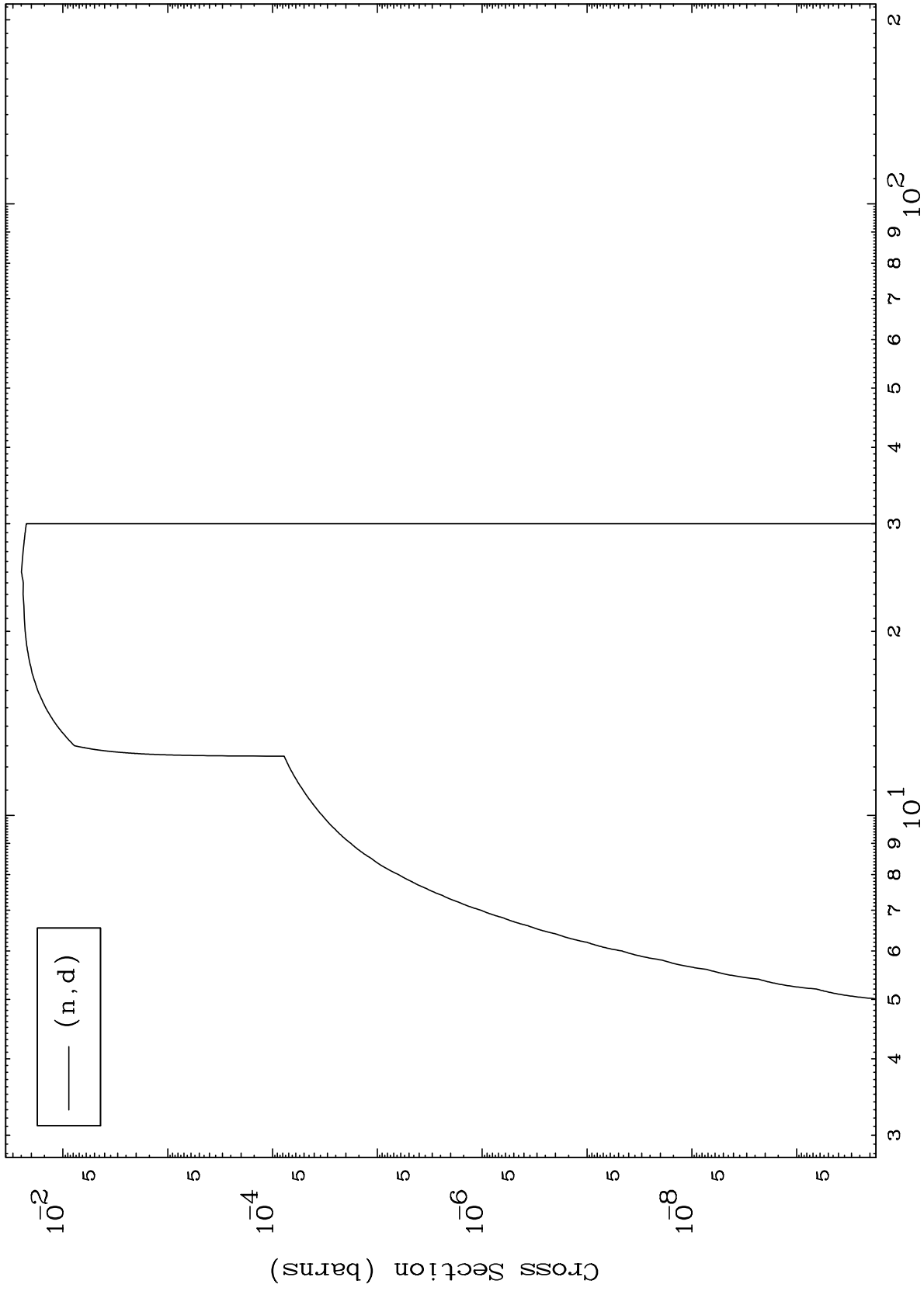
42-Mo-86



MAT 4207

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-86



8

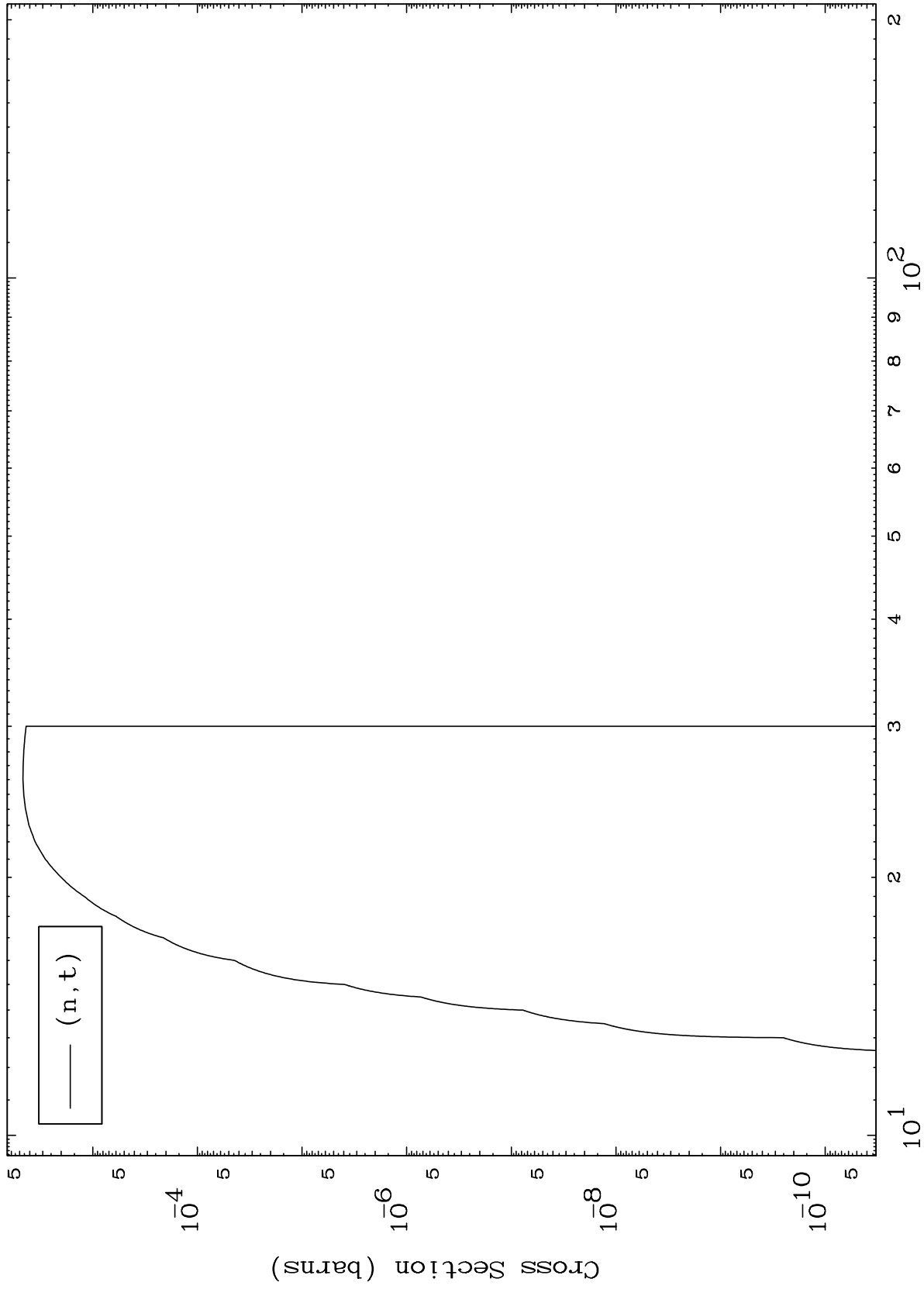
Incident Energy (MeV)

42-Mo-86

MAT 4207

(n,t) Levels  
293 Kelvin Cross Sections

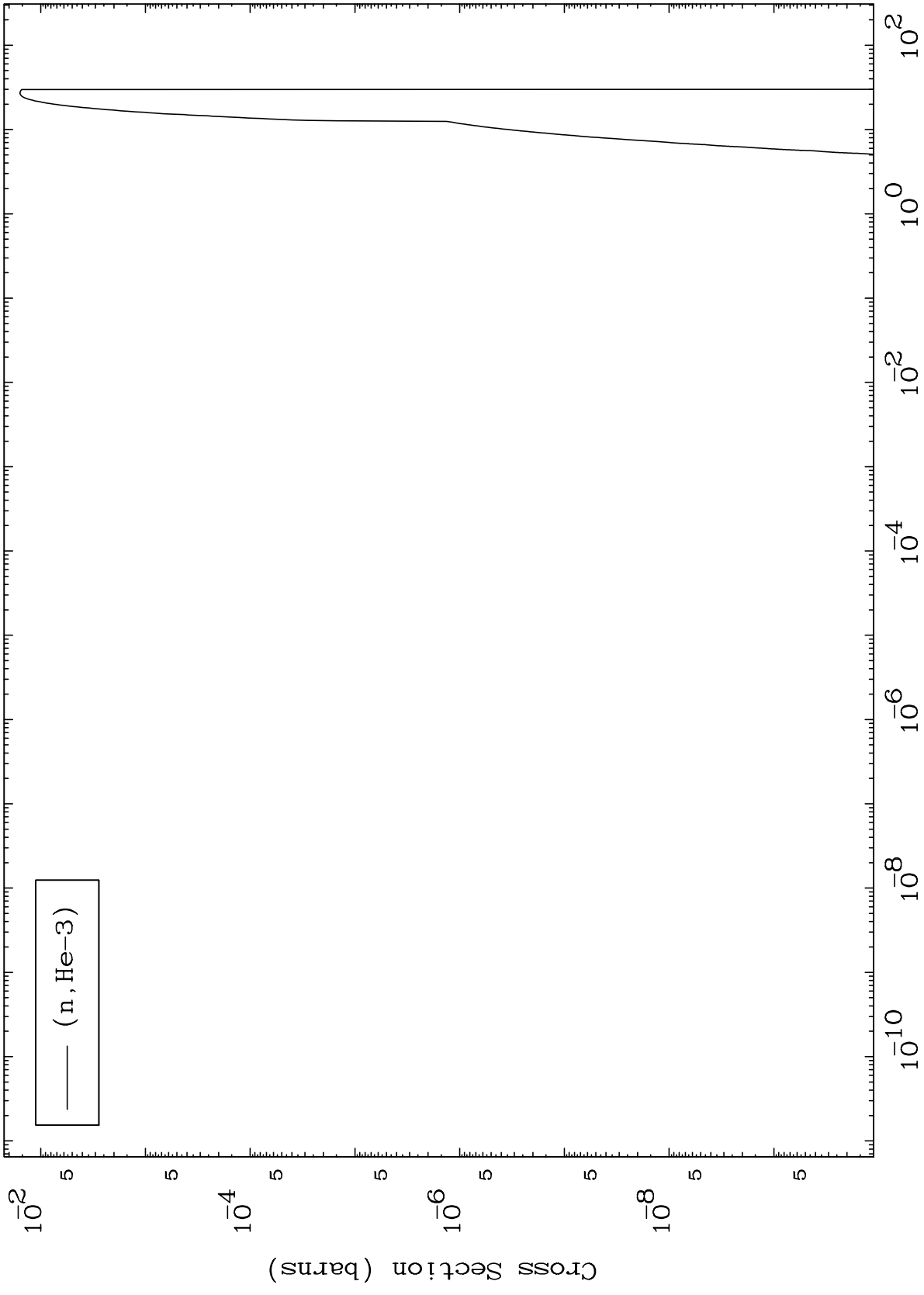
42-Mo-86



MAT 4207

(n,He3) Levels  
293 Kelvin Cross Sections

42-Mo-86



(n, He-3)

10

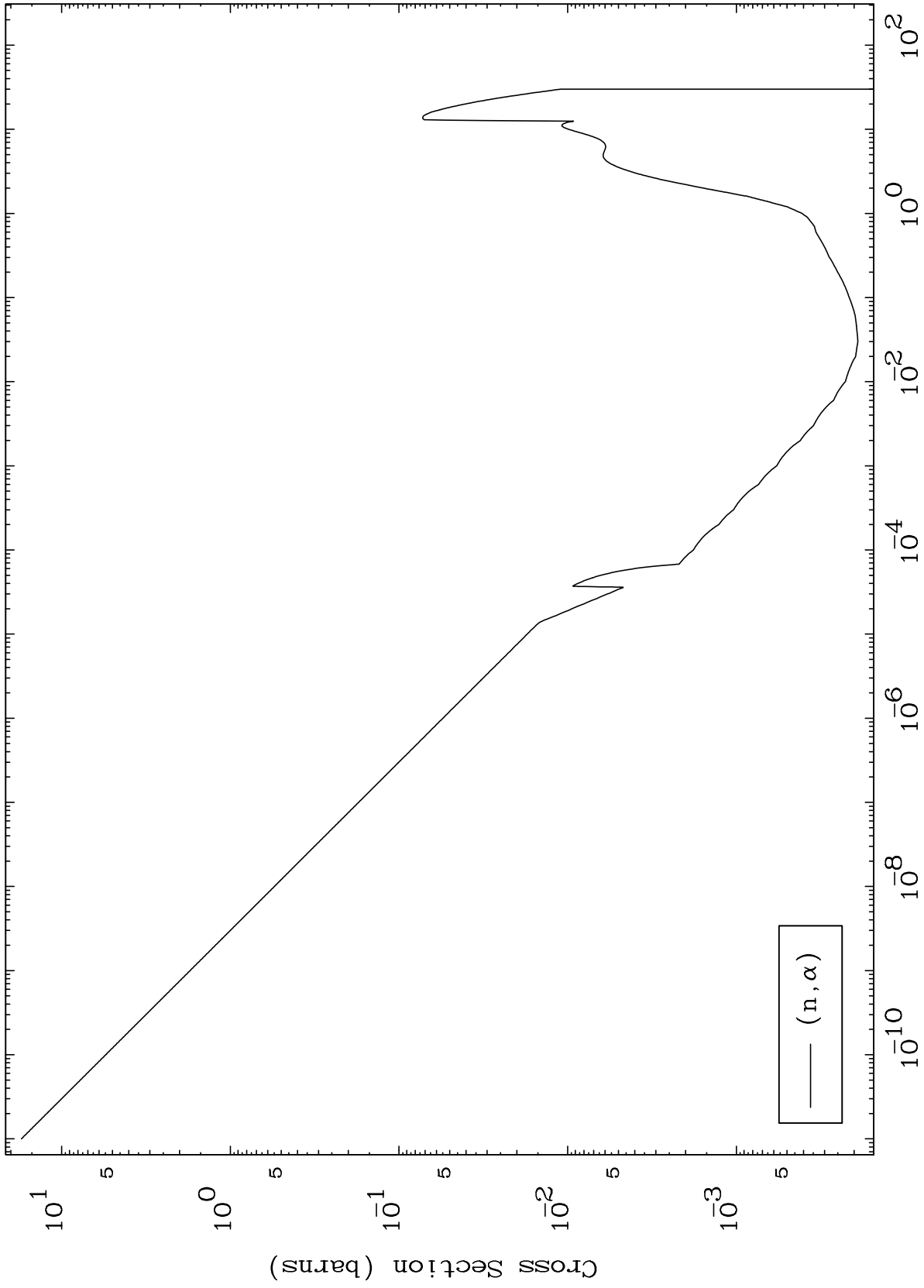
Incident Energy (MeV)

42-Mo-86

MAT 4207

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

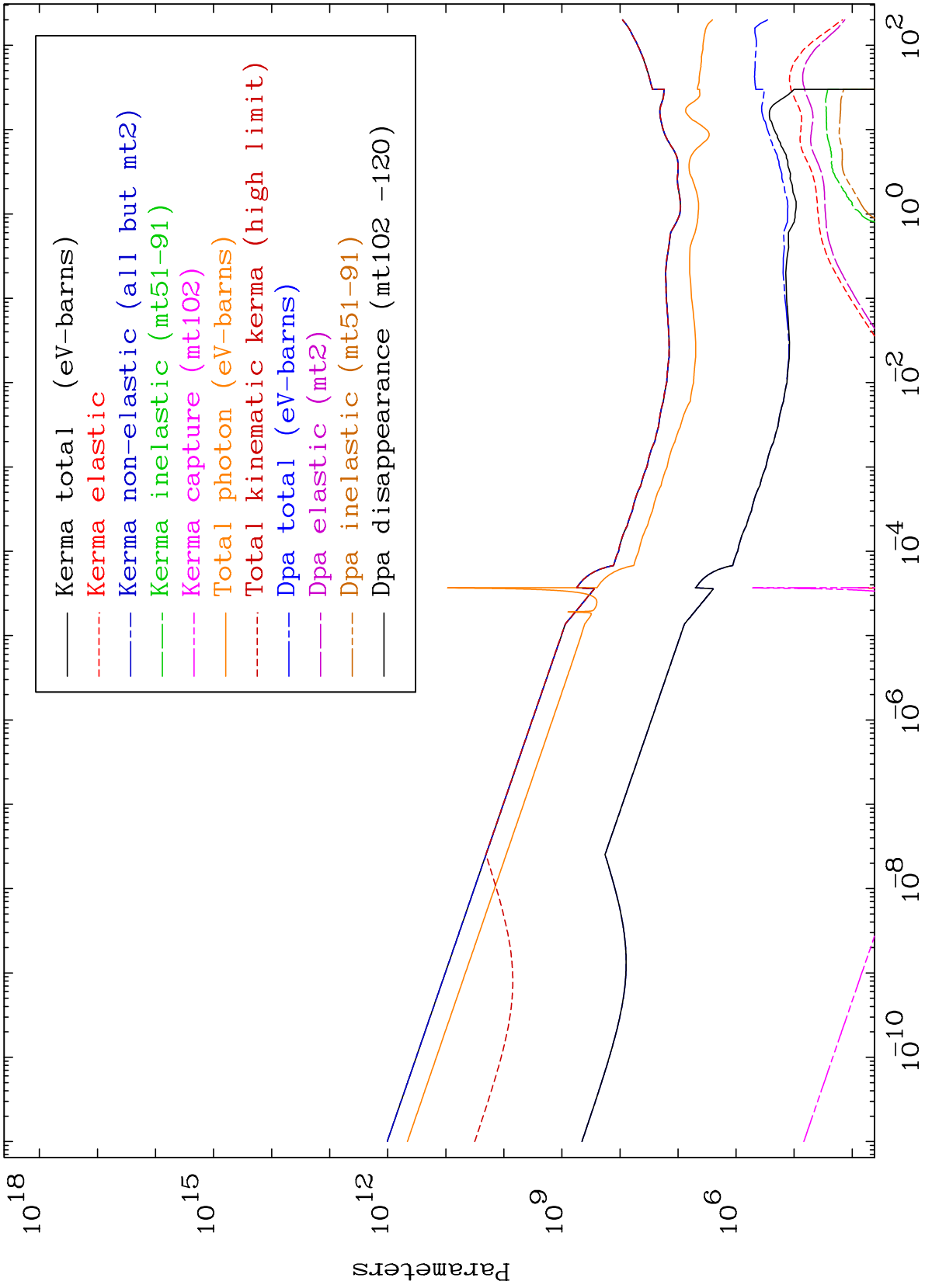
42-Mo-86



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Incident Energy (MeV)

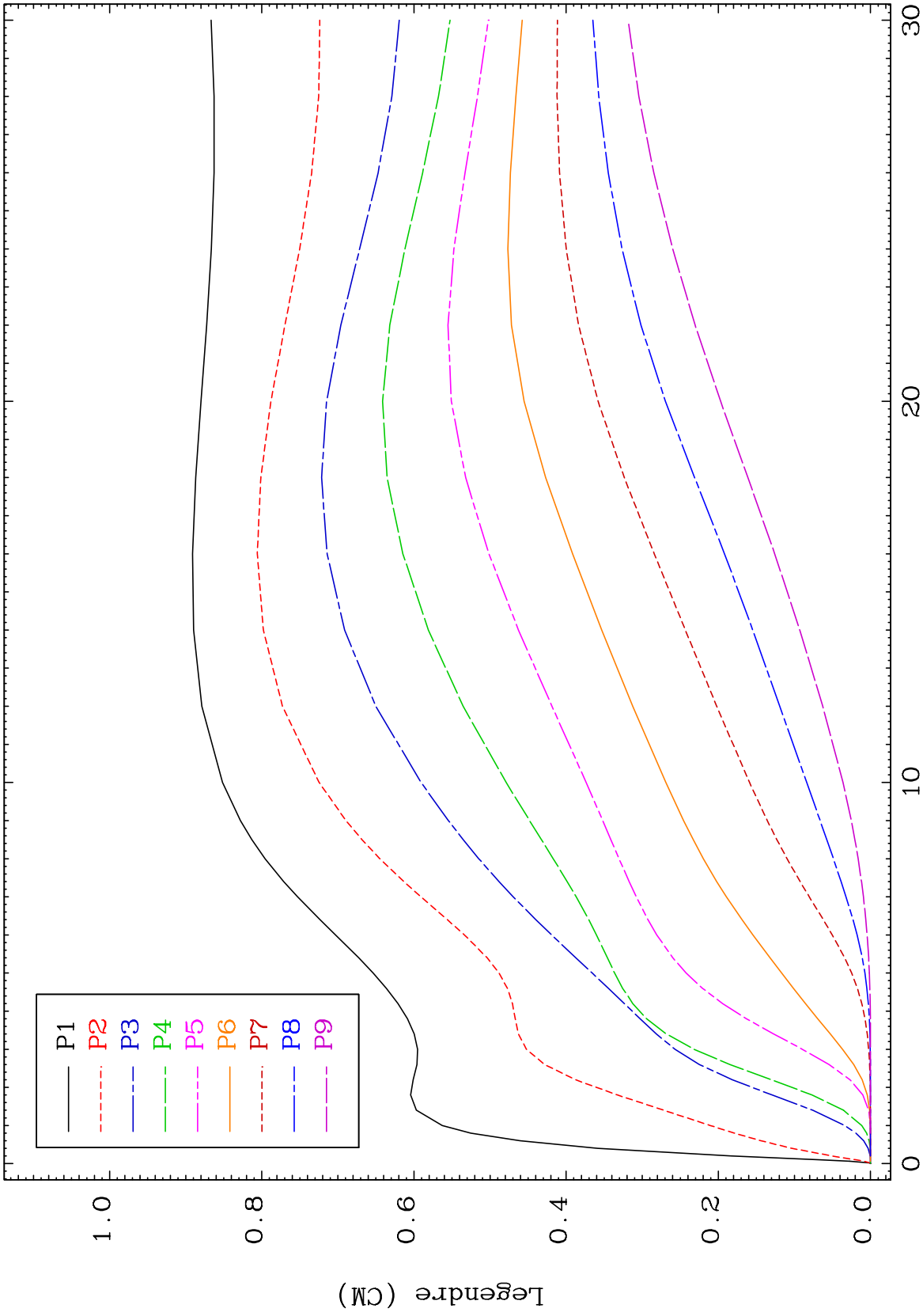
42-Mo-86



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Elastic Legendre Coefficients

42-Mo-86



13

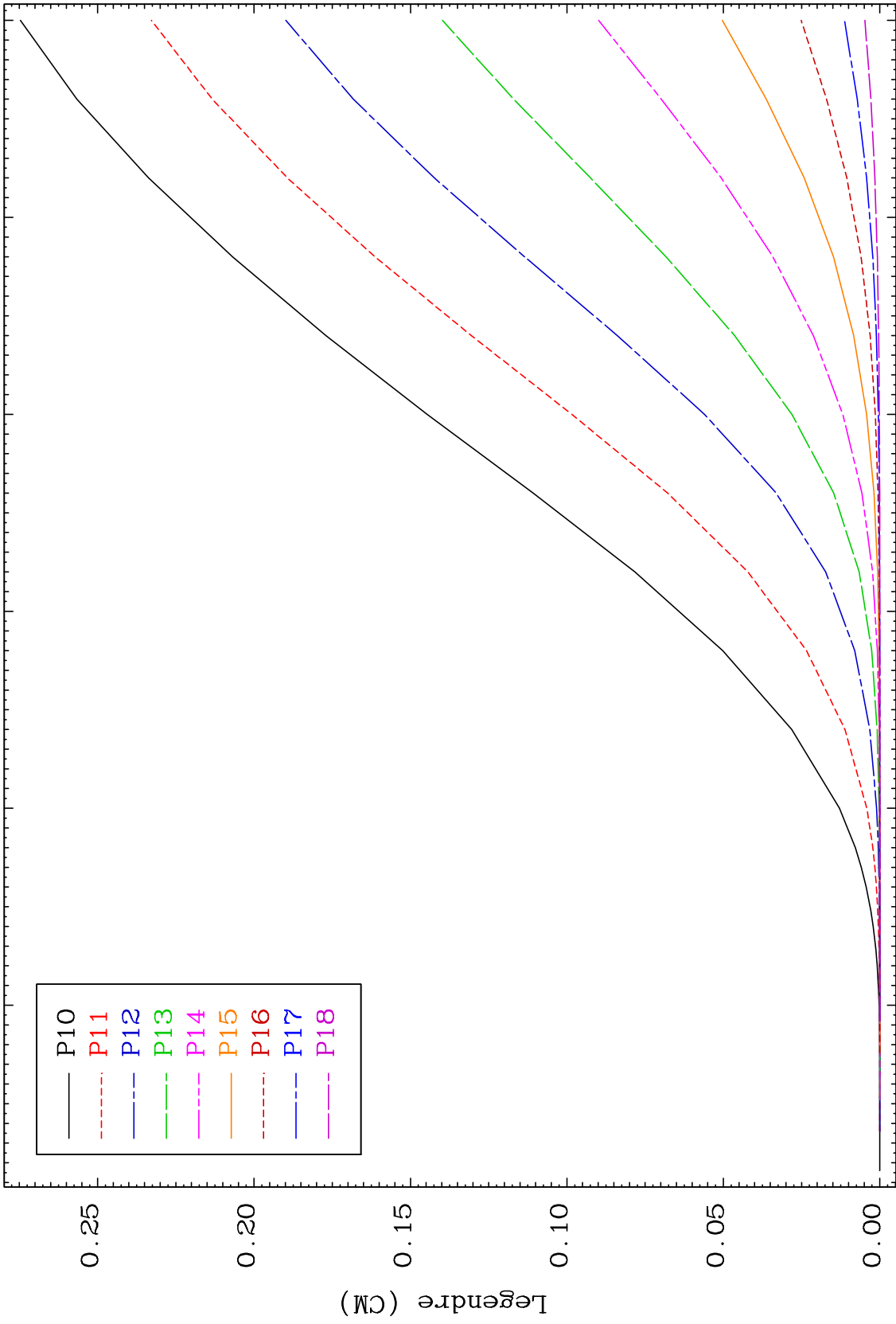
Incident Energy (MeV)

42-Mo-86

MAT 4207

Elastic Legendre Coefficients

42-Mo-86



14

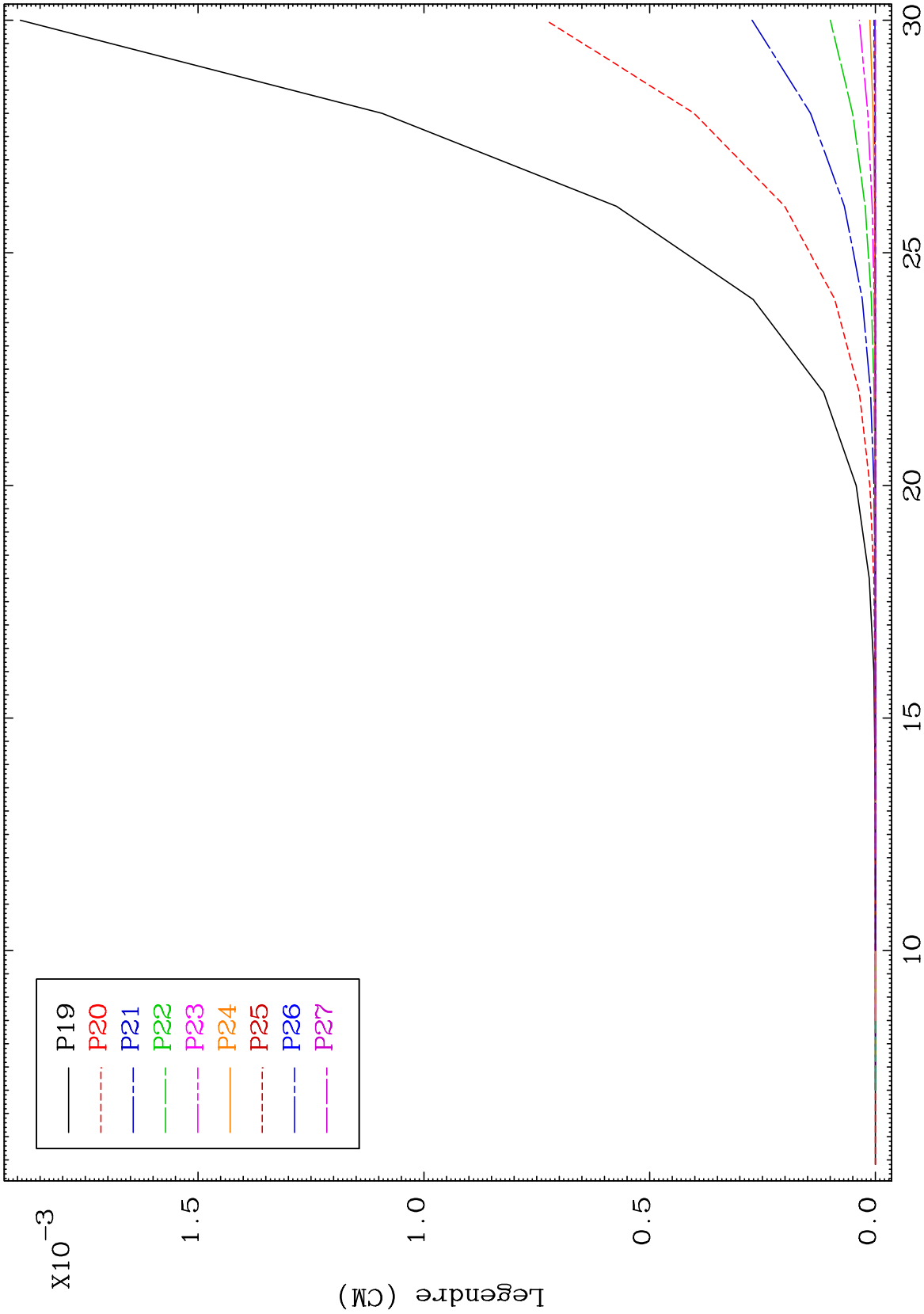
Incident Energy (MeV)

42-Mo-86

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### Elastic Legendre Coefficients

42-Mo-86



15

Incident Energy (MeV)

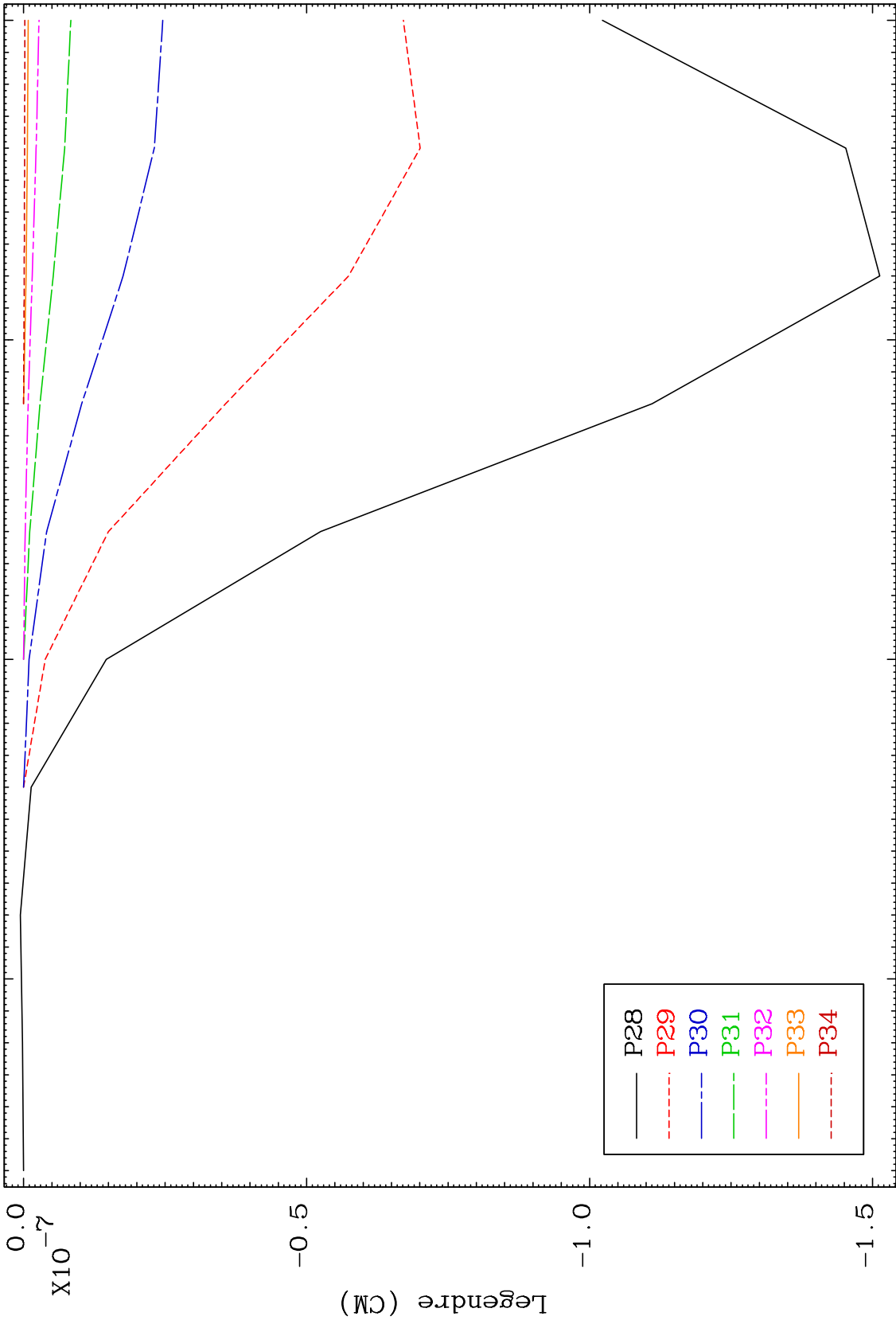
42-Mo-86



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42-Mo-86

Elastic Legendre Coefficients



16

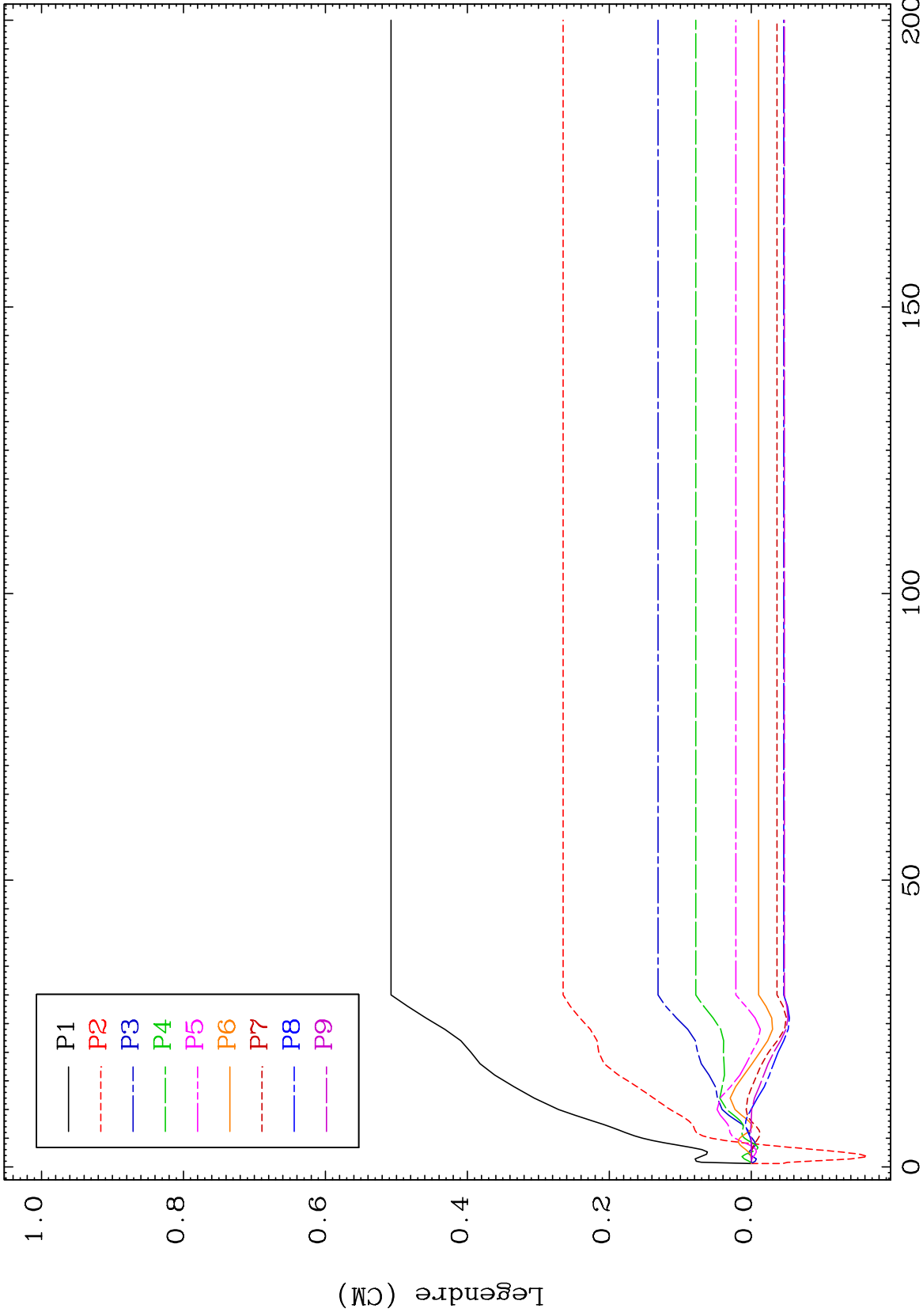
Incident Energy (MeV)

42-Mo-86

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

42-Mo-86



17

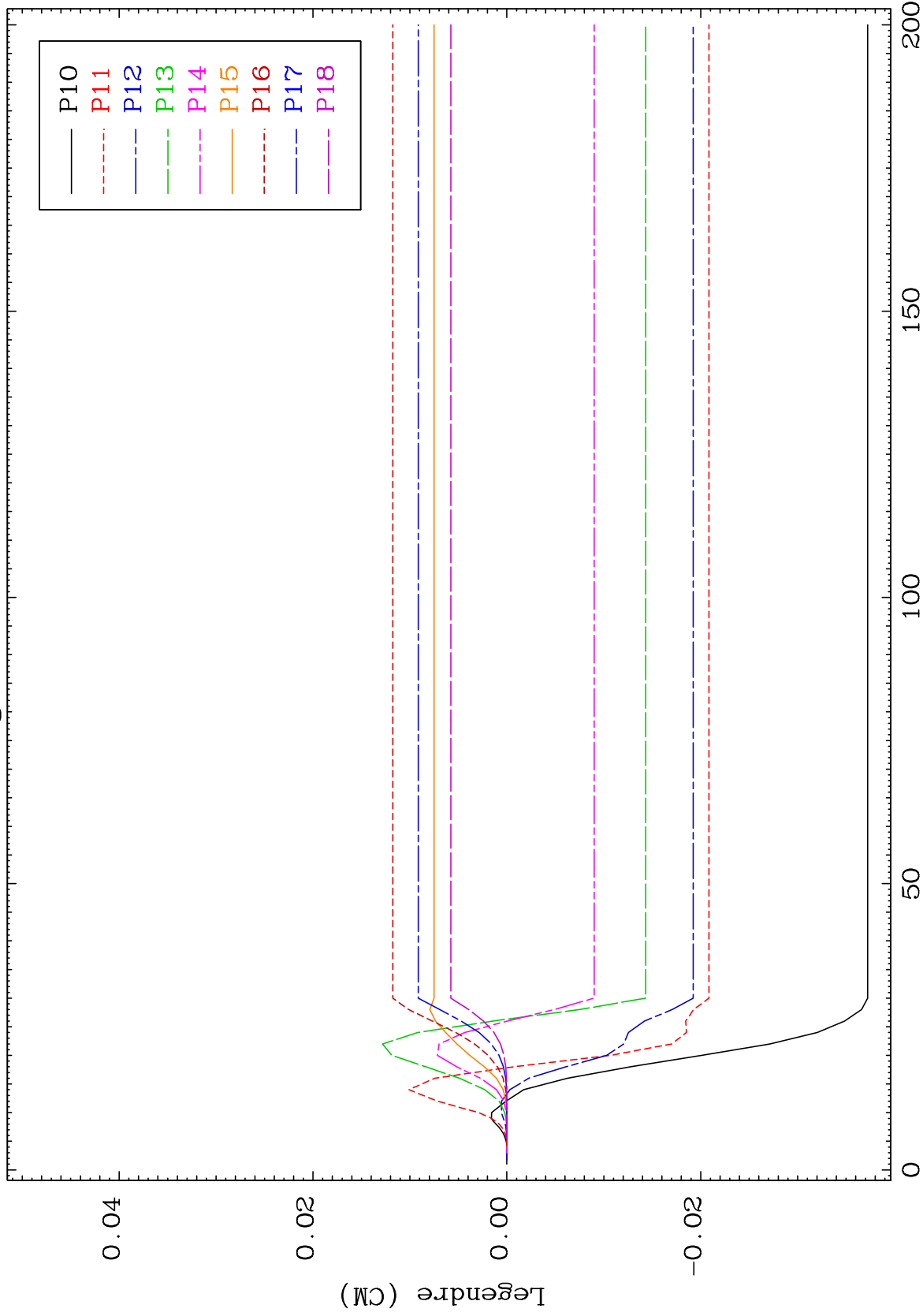
Incident Energy (MeV)

42-Mo-86

MAT 4207

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

42-Mo-86



18

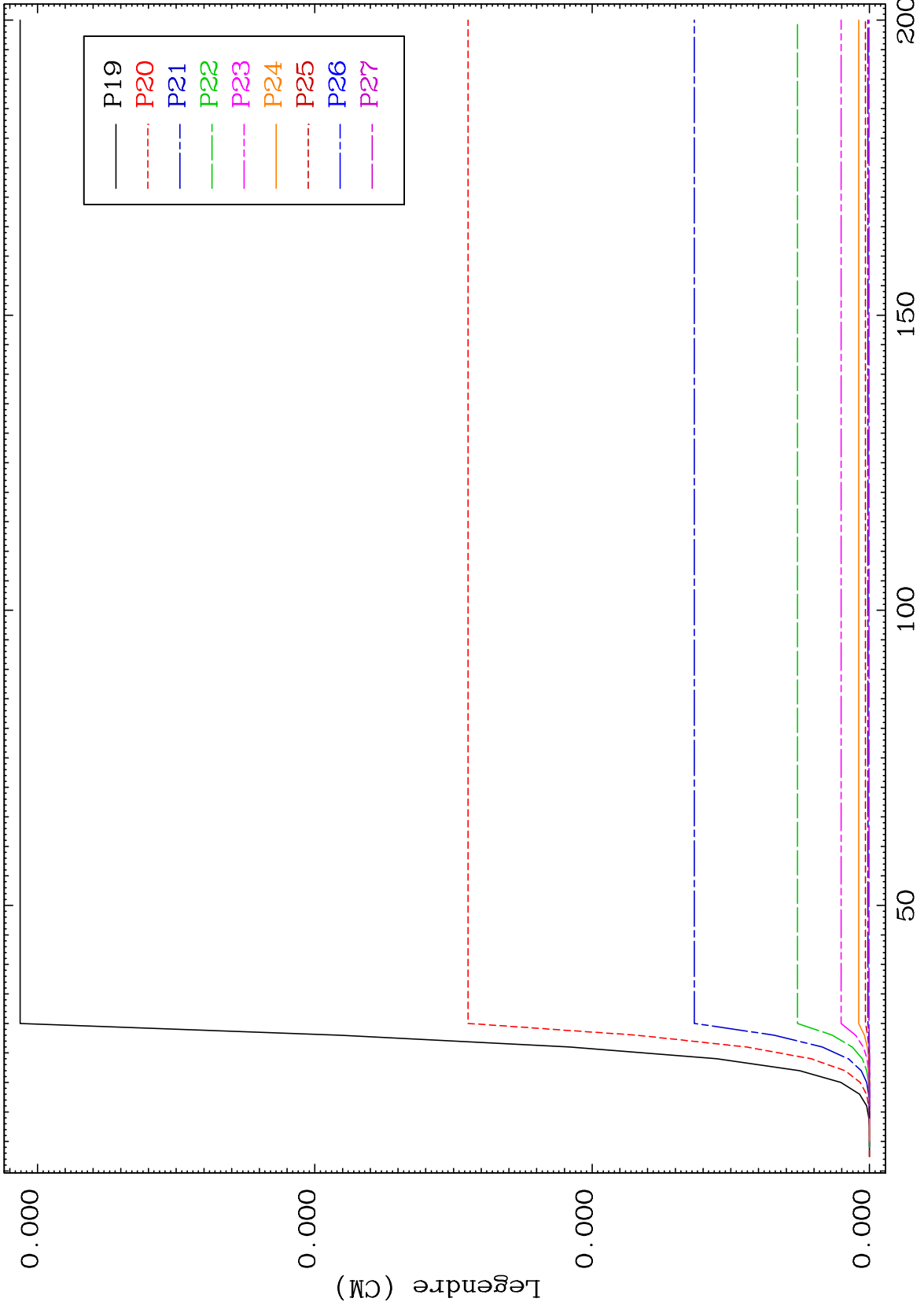
Incident Energy (MeV)

42-Mo-86

MAT 4207

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

42-Mo-86



19

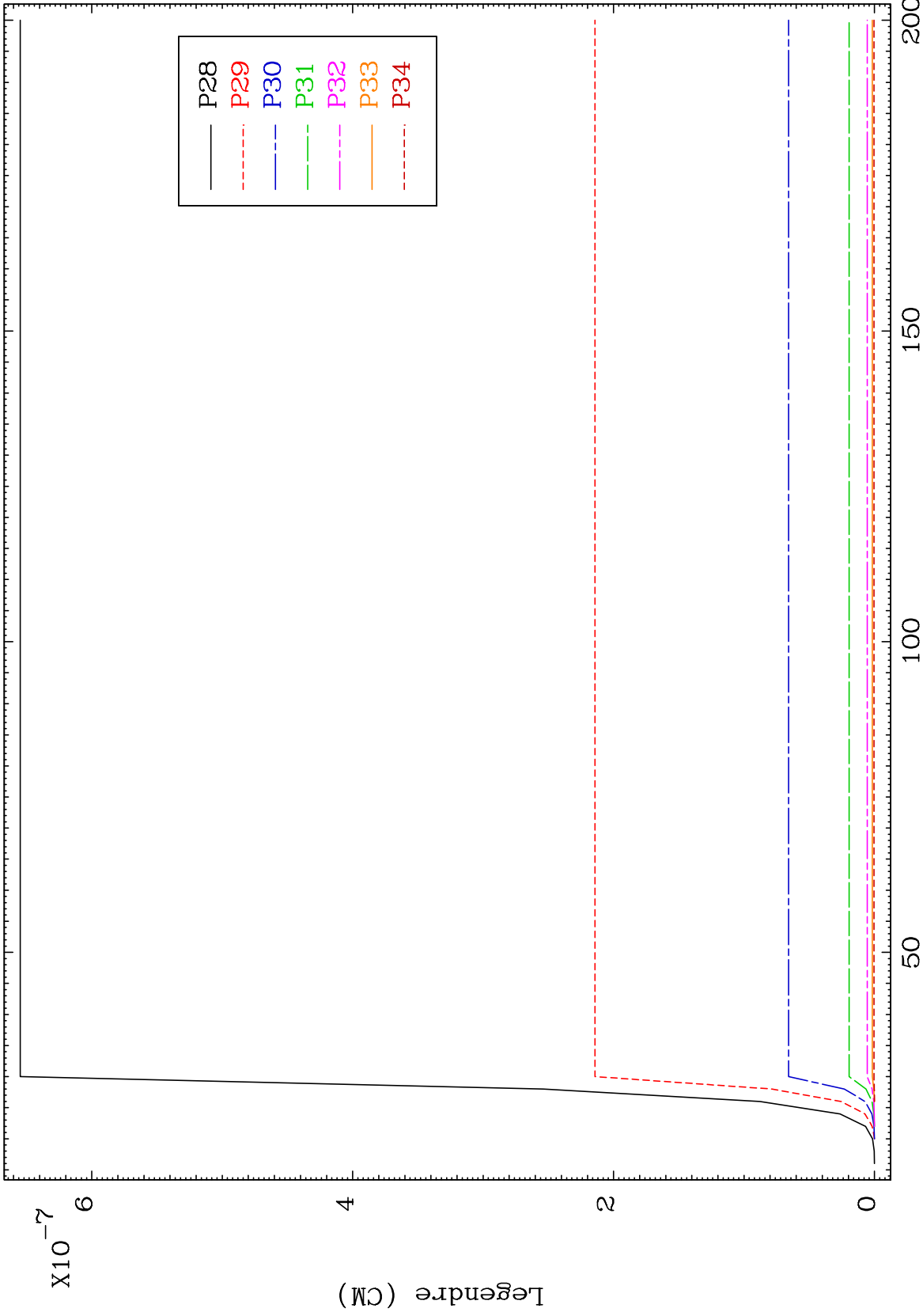
Incident Energy (MeV)

42-Mo-86

MAT 4207

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

42-Mo-86



20

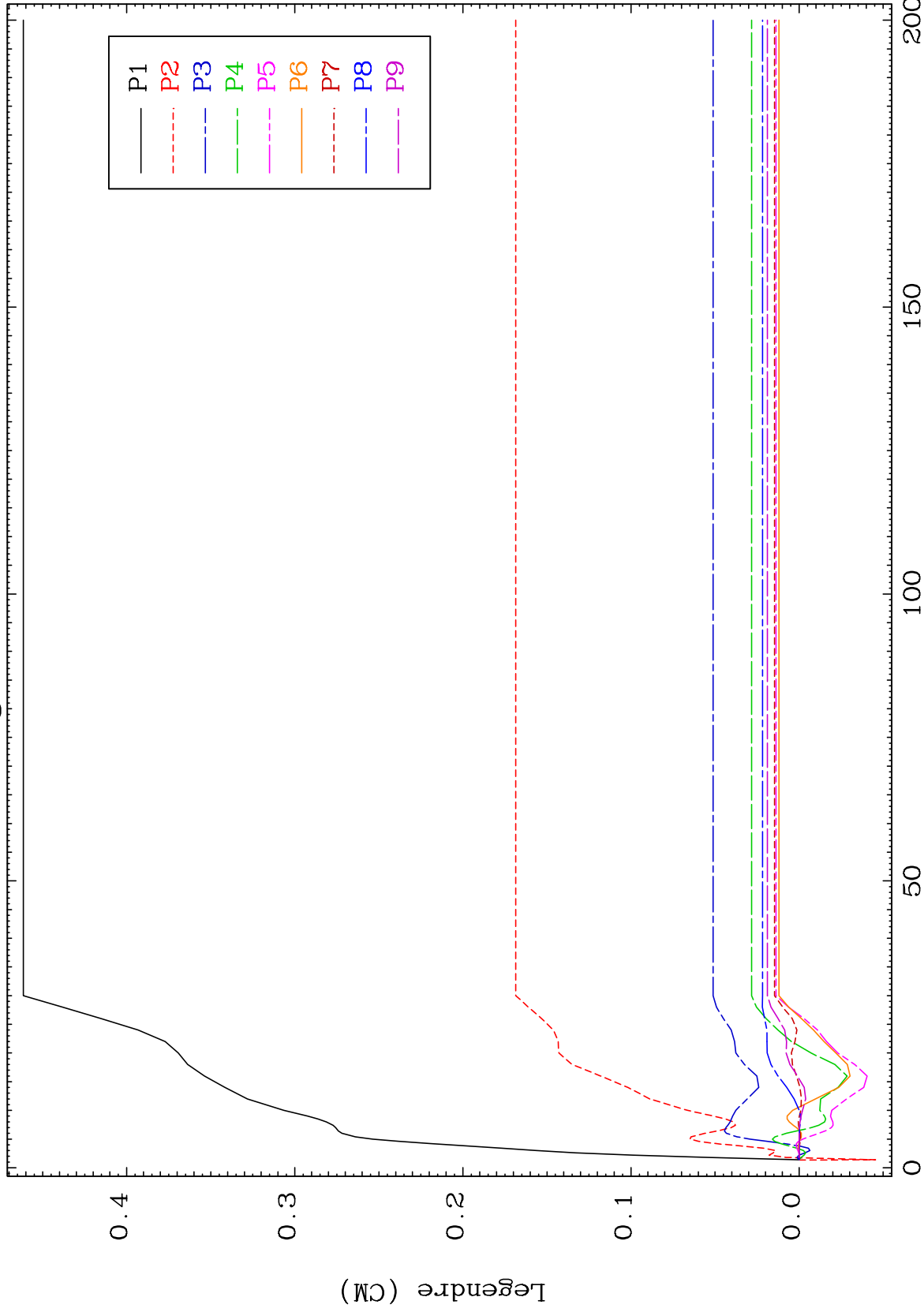
Incident Energy (MeV)

42-Mo-86

MAT 4207

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

42-Mo-86



21

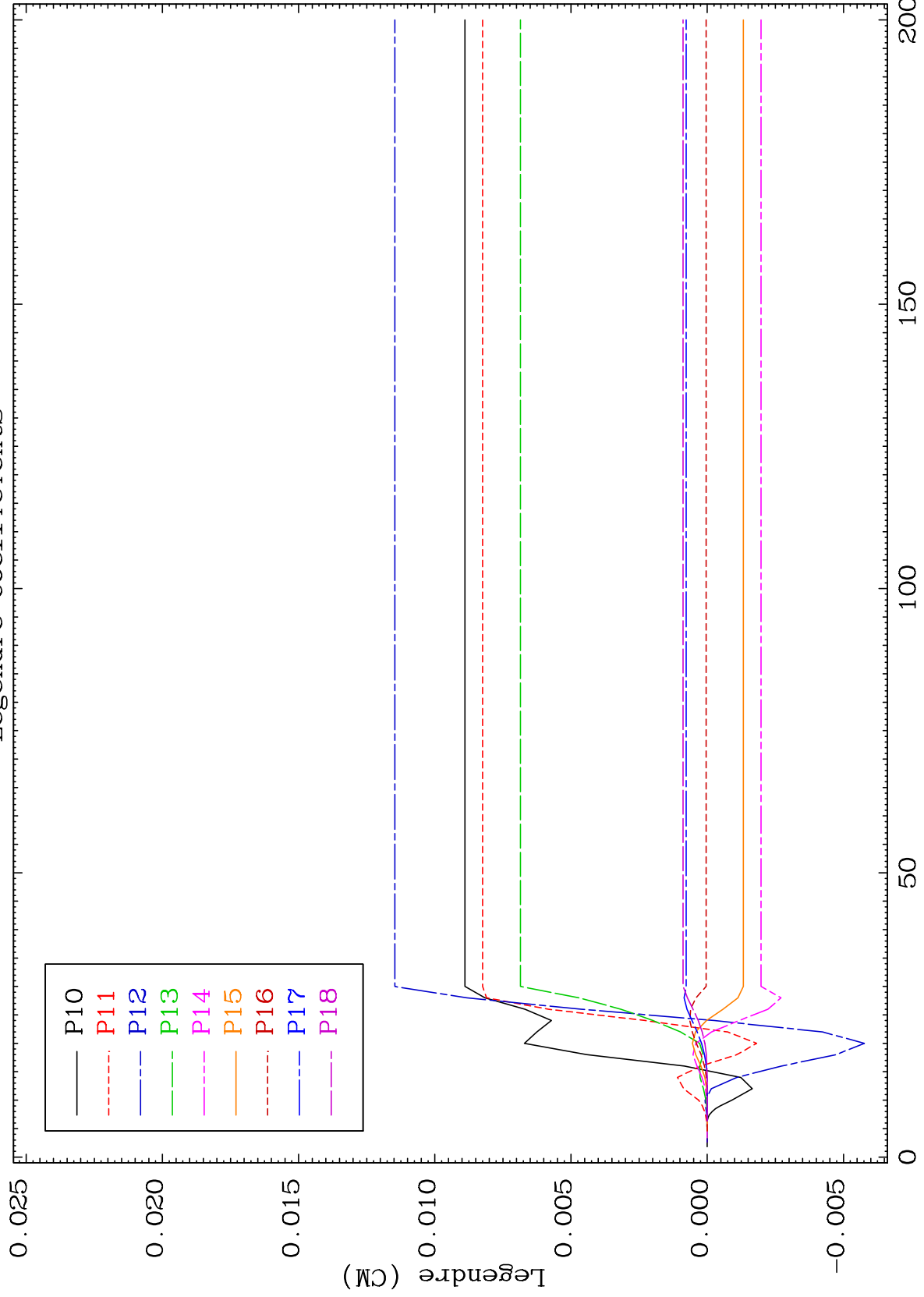
Incident Energy (MeV)

42-Mo-86

MAT 4207

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

42-Mo-86



22

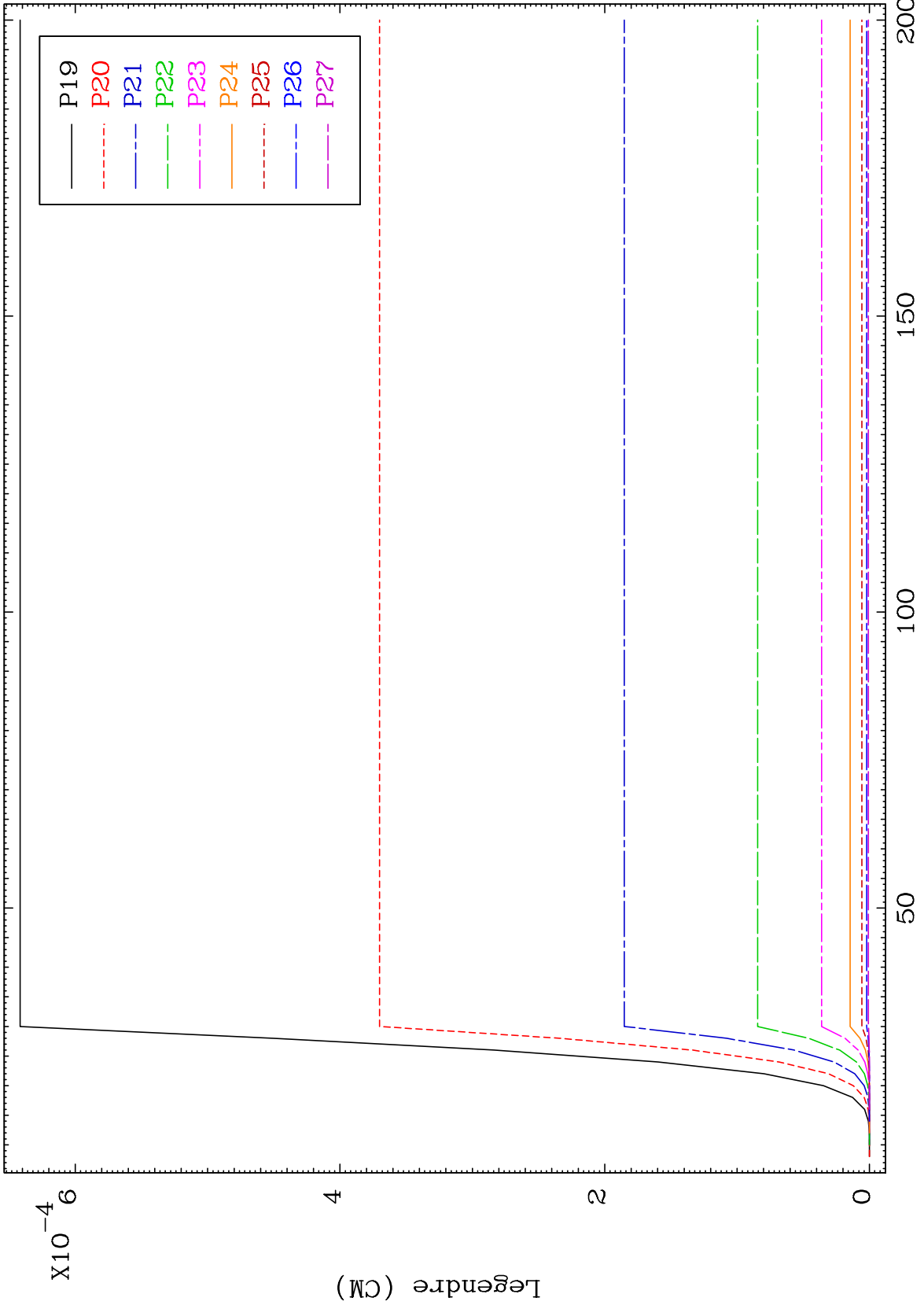
Incident Energy (MeV)

42-Mo-86

MAT 4207

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

42-Mo-86



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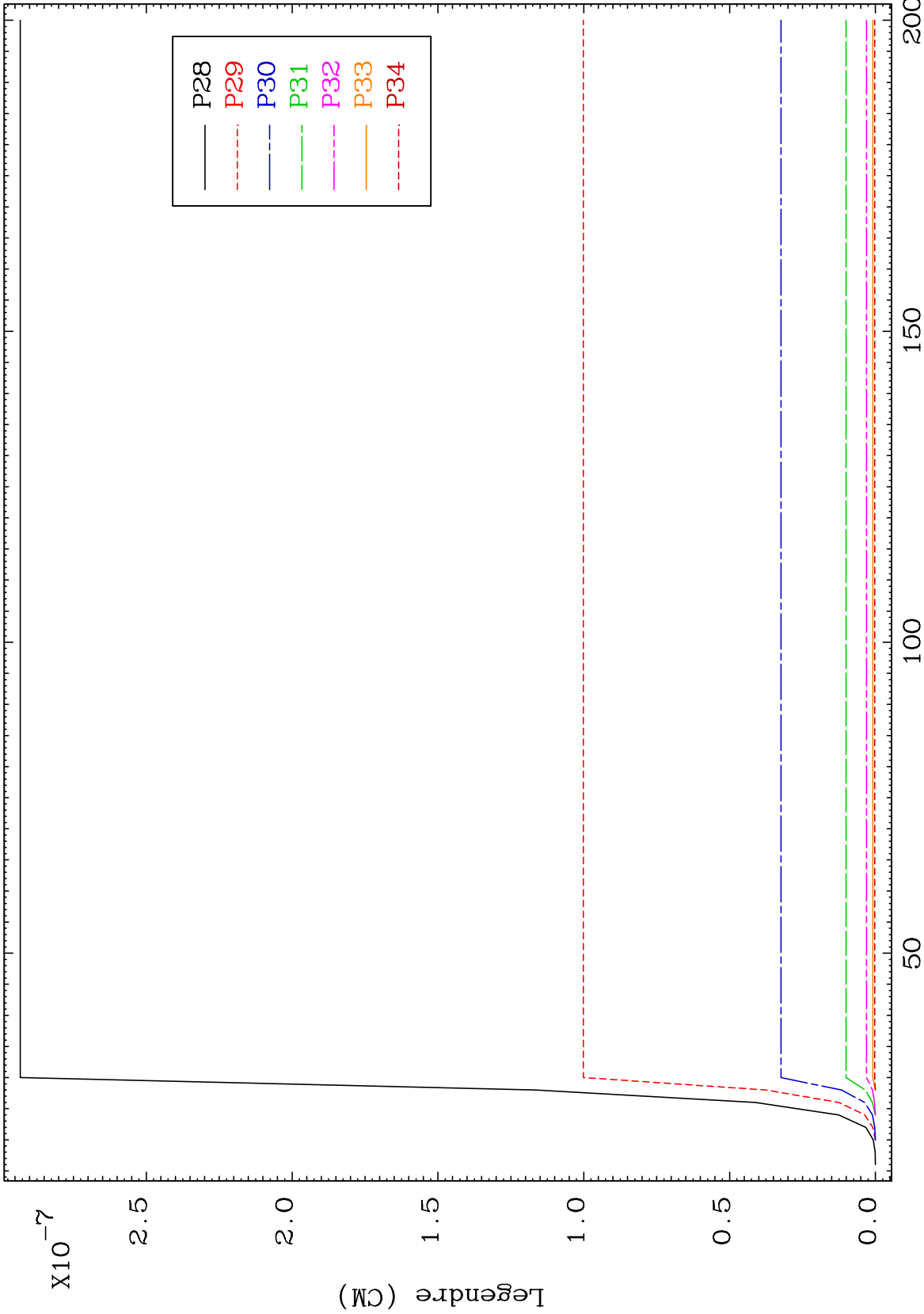
42-Mo-86



MAT 4207

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

42-Mo-86



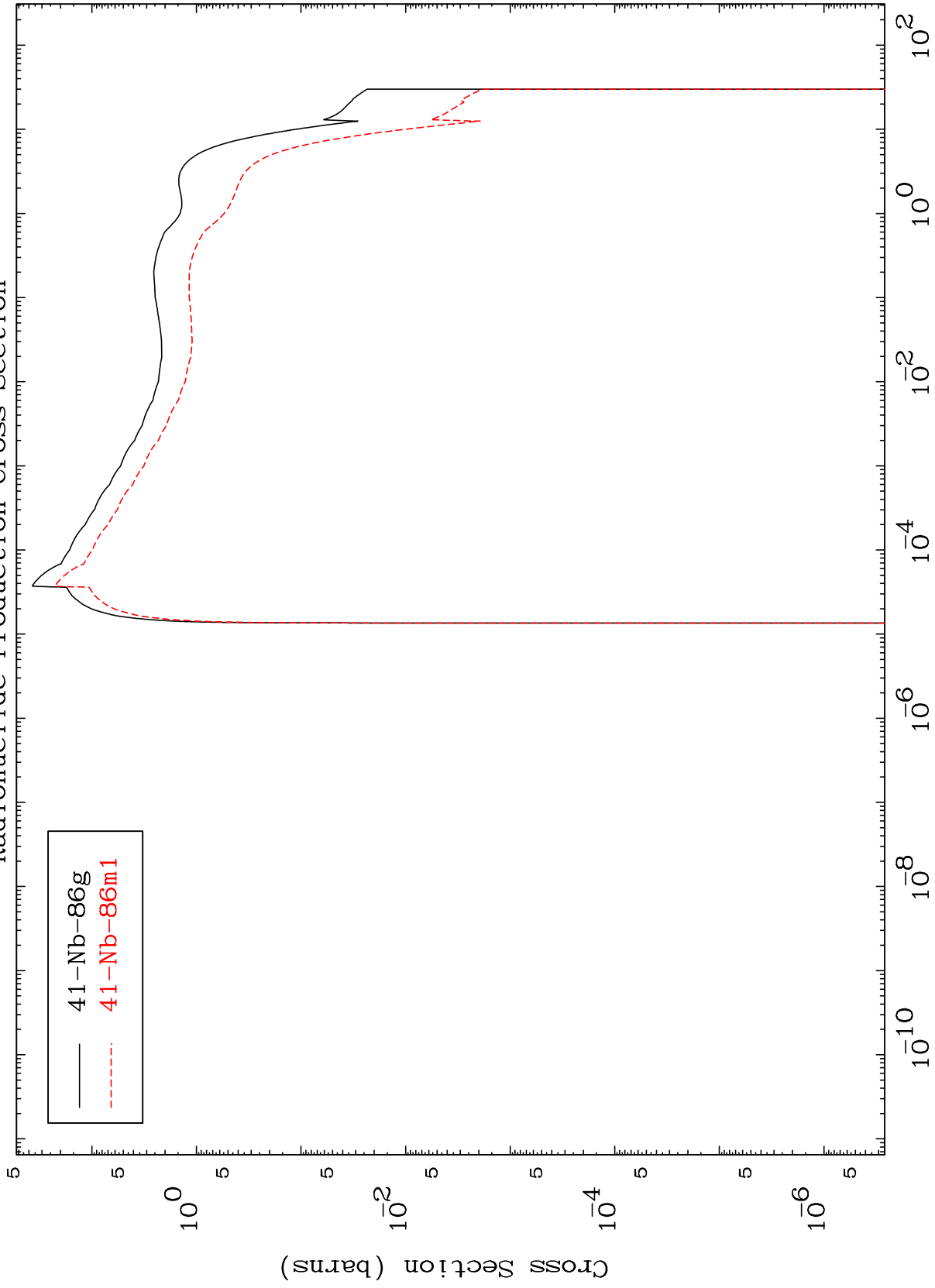
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42-Mo-86

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42-Mo-86

(n,p)  
Radionuclide Production Cross Section



41-Nb-86g  
41-Nb-86m1

25

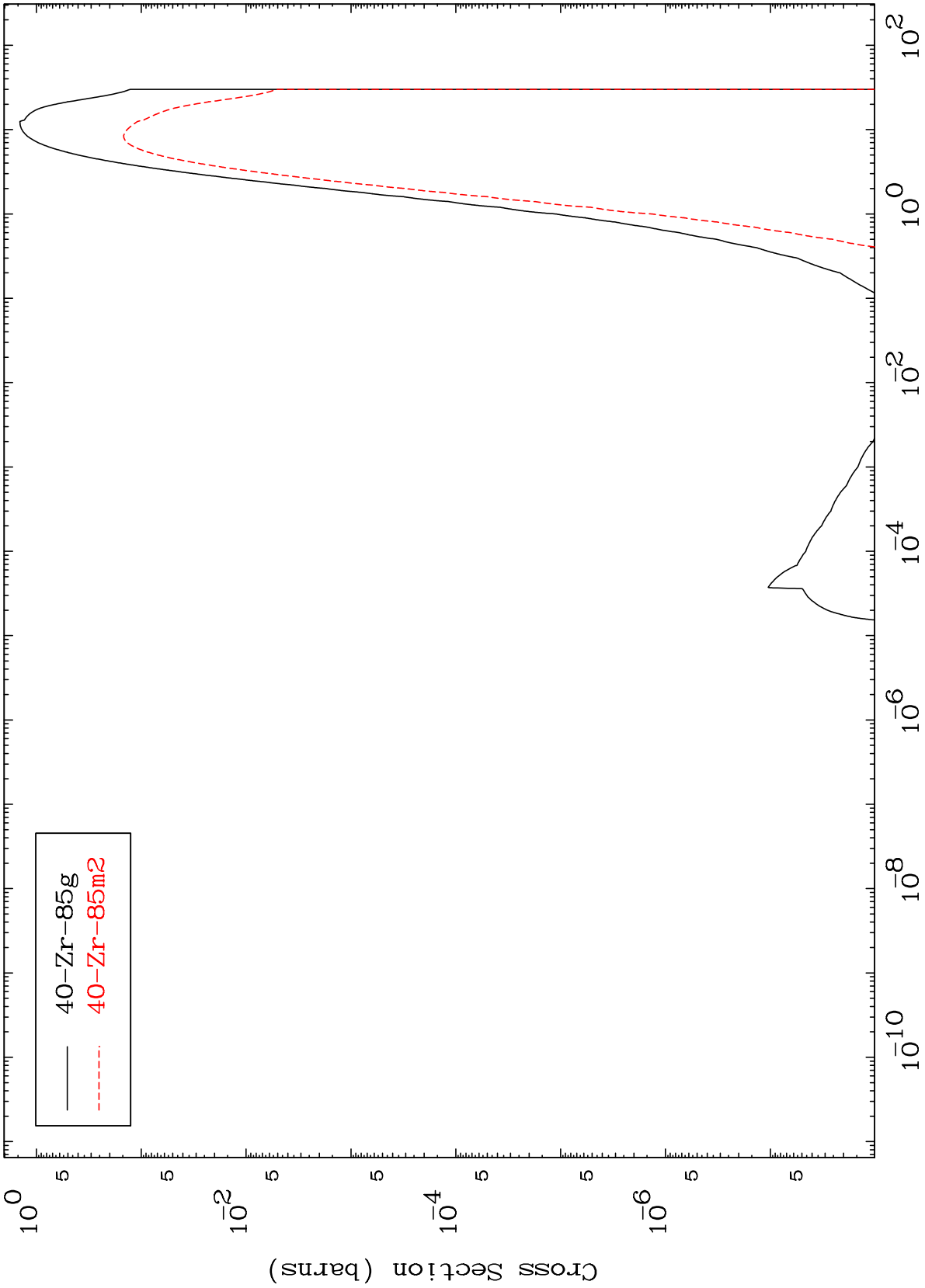
42-Mo-86

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(n,2p)

42-Mo-86

Radionuclide Production Cross Section



42-Mo-86