

Program EVALPLOT  
(Version 2018-1)

by

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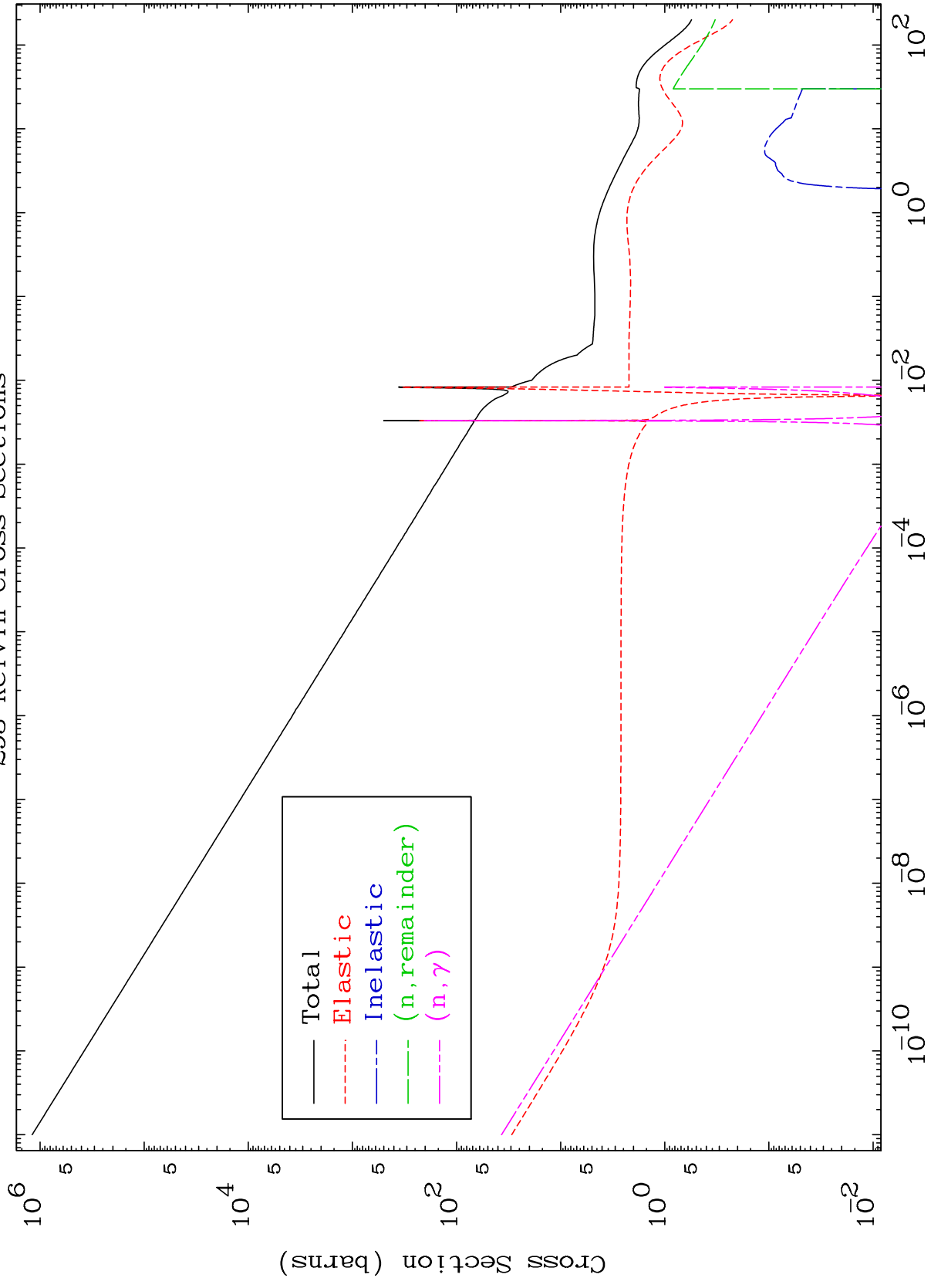
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1419

Major  
293 Kelvin Cross Sections

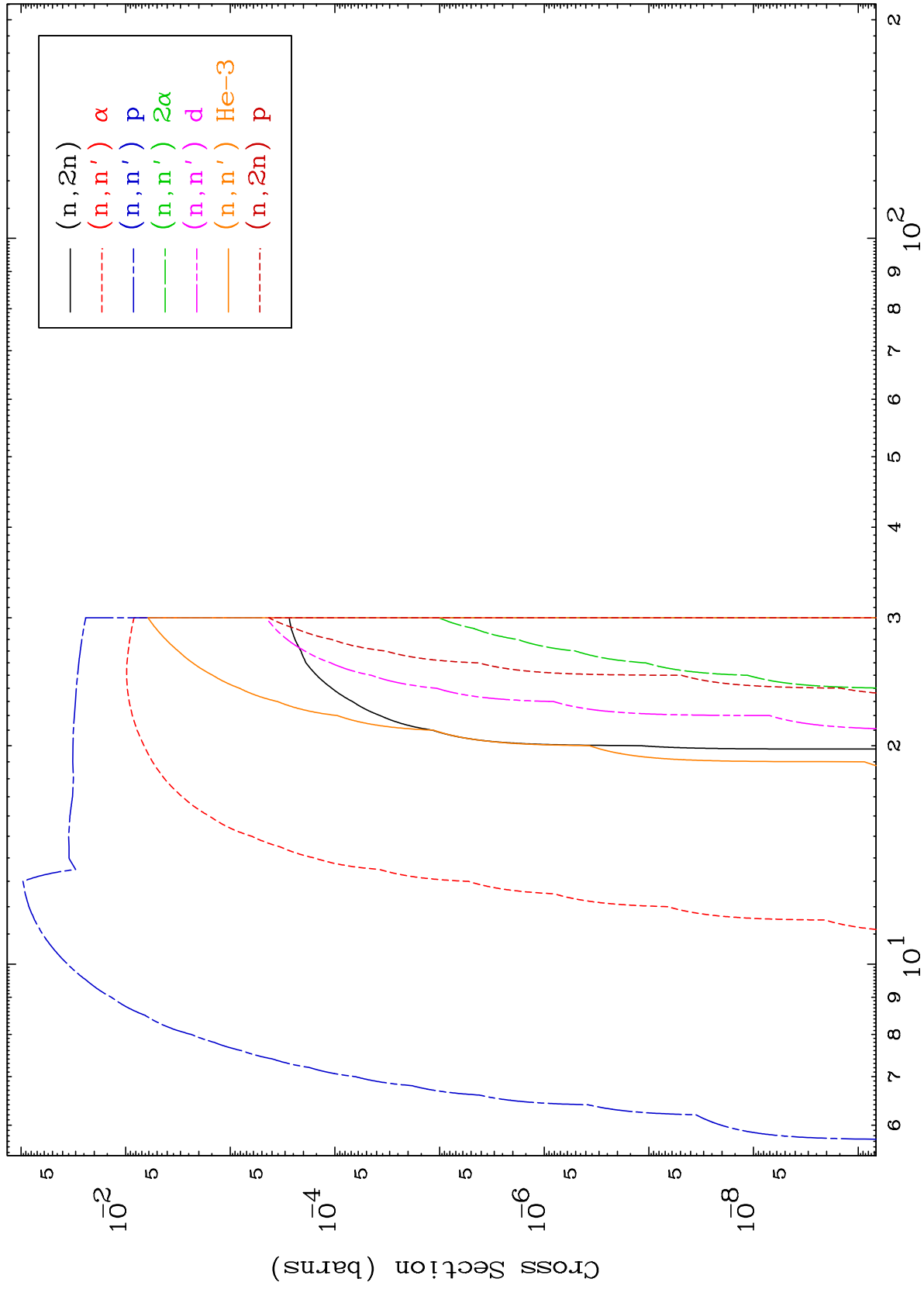
14-Si-26



MAT 1419

Neutron Production  
293 Kelvin Cross Sections

14-Si-26



2

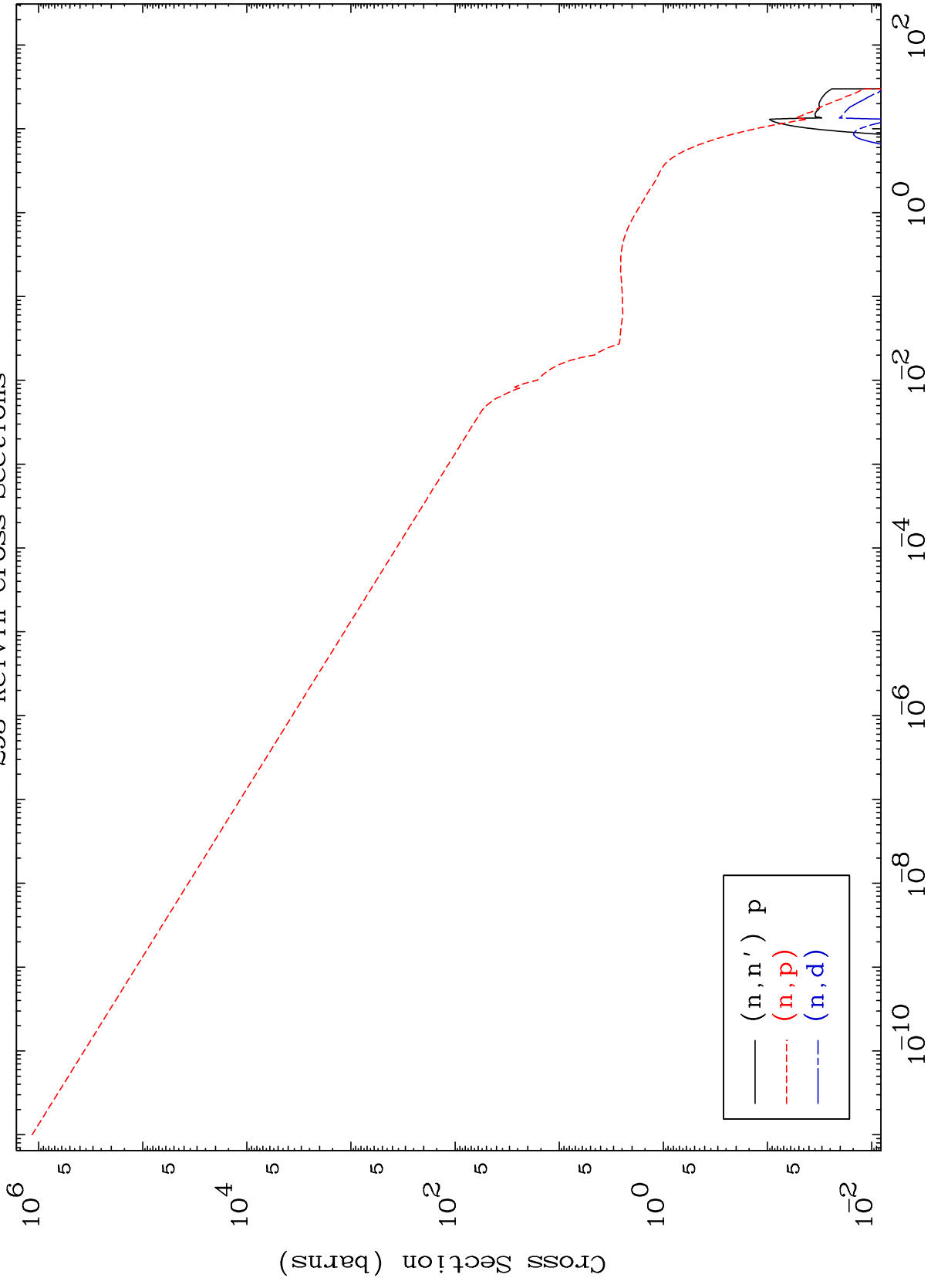
Incident Energy (MeV)

14-Si-26

MAT 1419

Charged Particle  
293 Kelvin Cross Sections

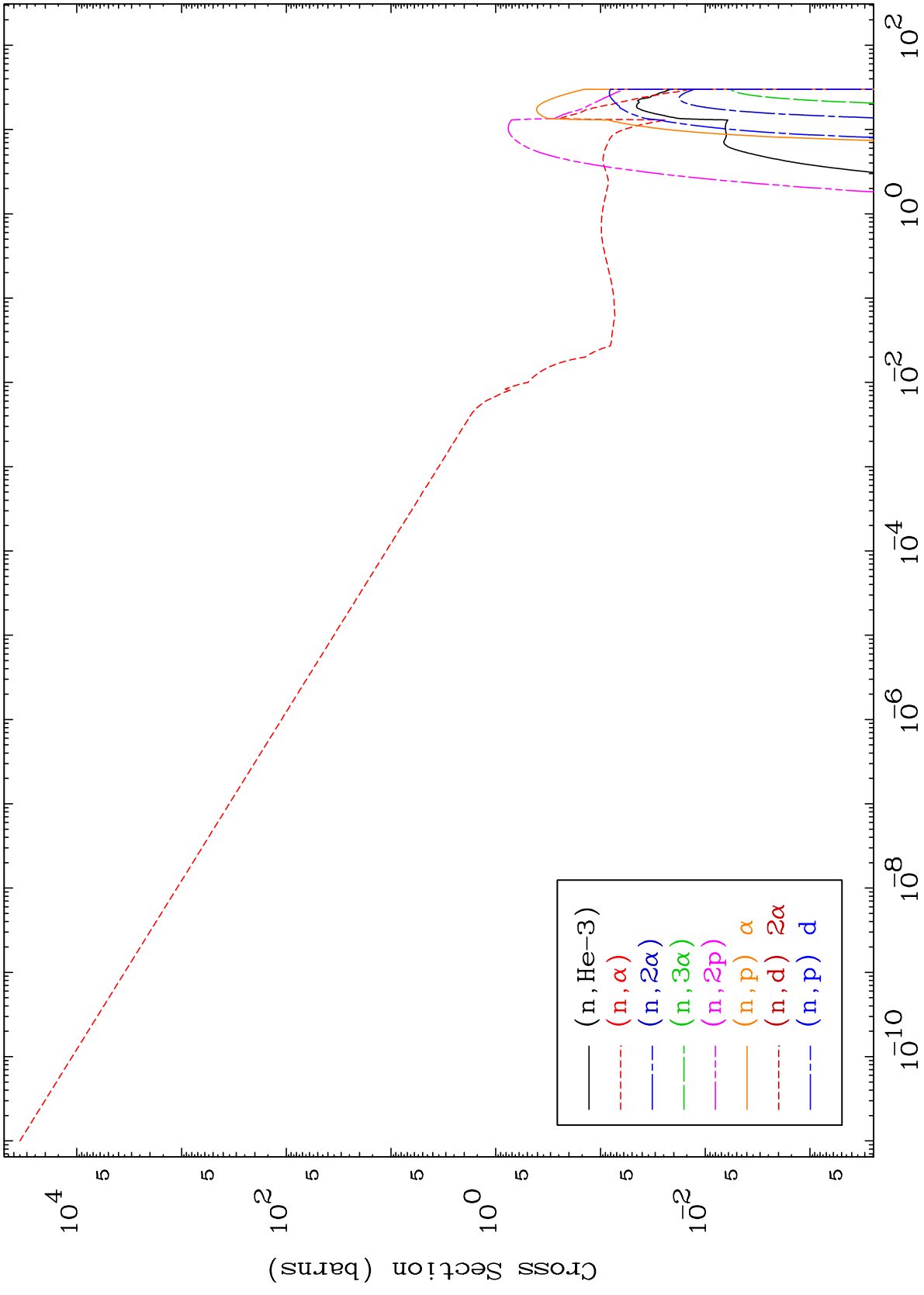
14-Si-26



MAT 1419

Charged Particle  
293 Kelvin Cross Sections

14-Si-26

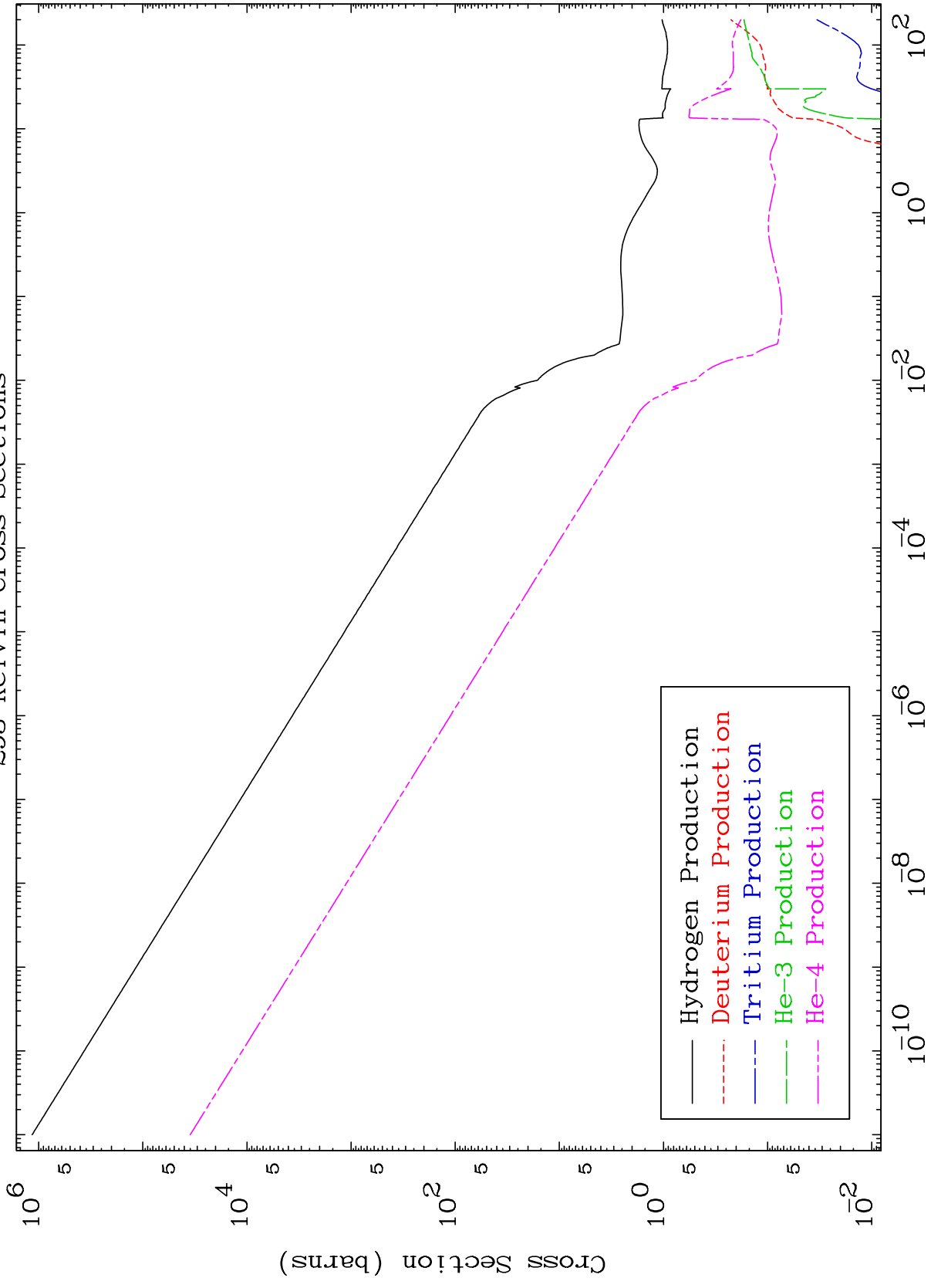


14-Si-26

MAT 1419

Particle Production  
293 Kelvin Cross Sections

14-Si-26



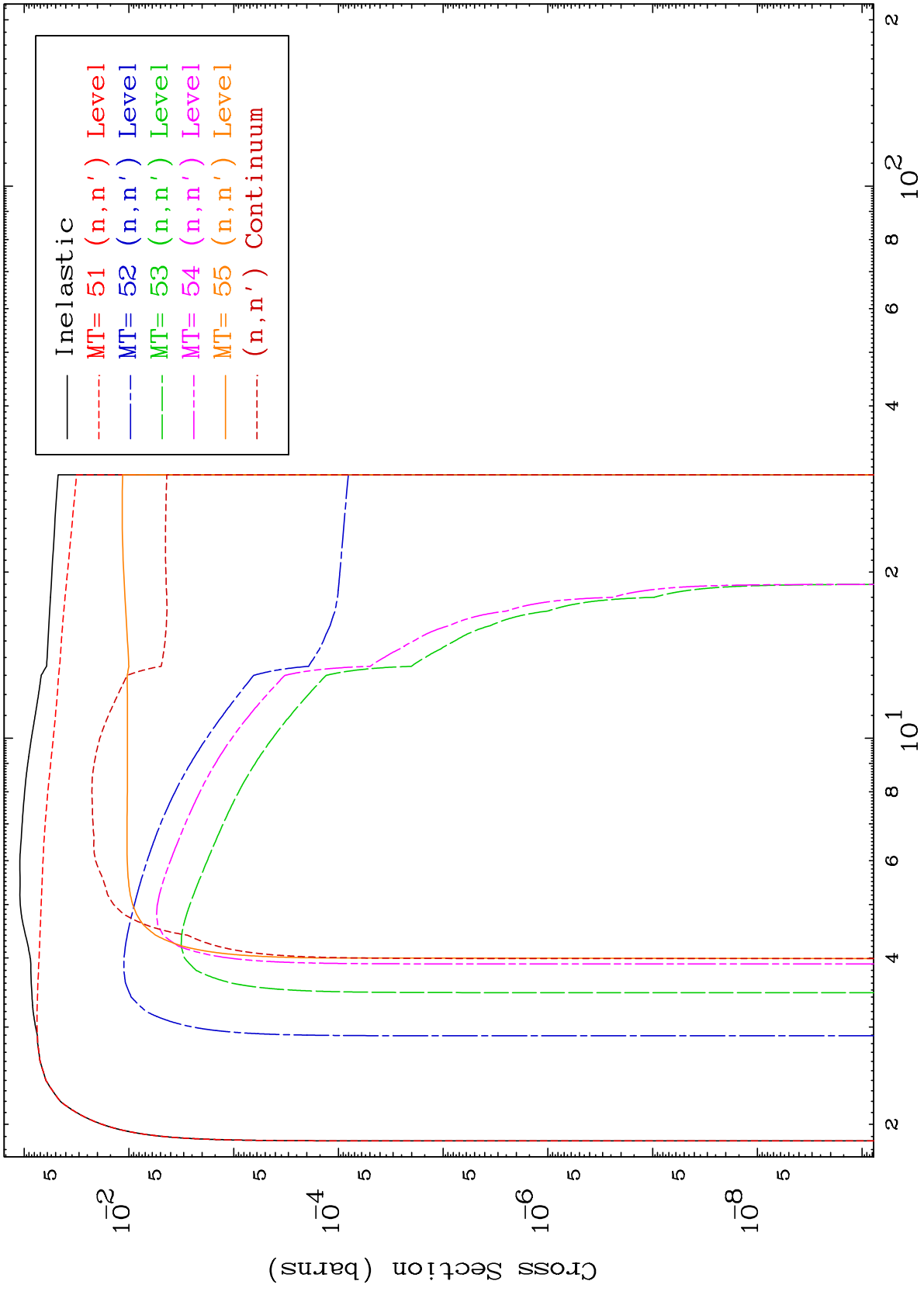
14-Si-26

MAT 1419

(n,n') Level

14-Si-26

293 Kelvin Cross Sections



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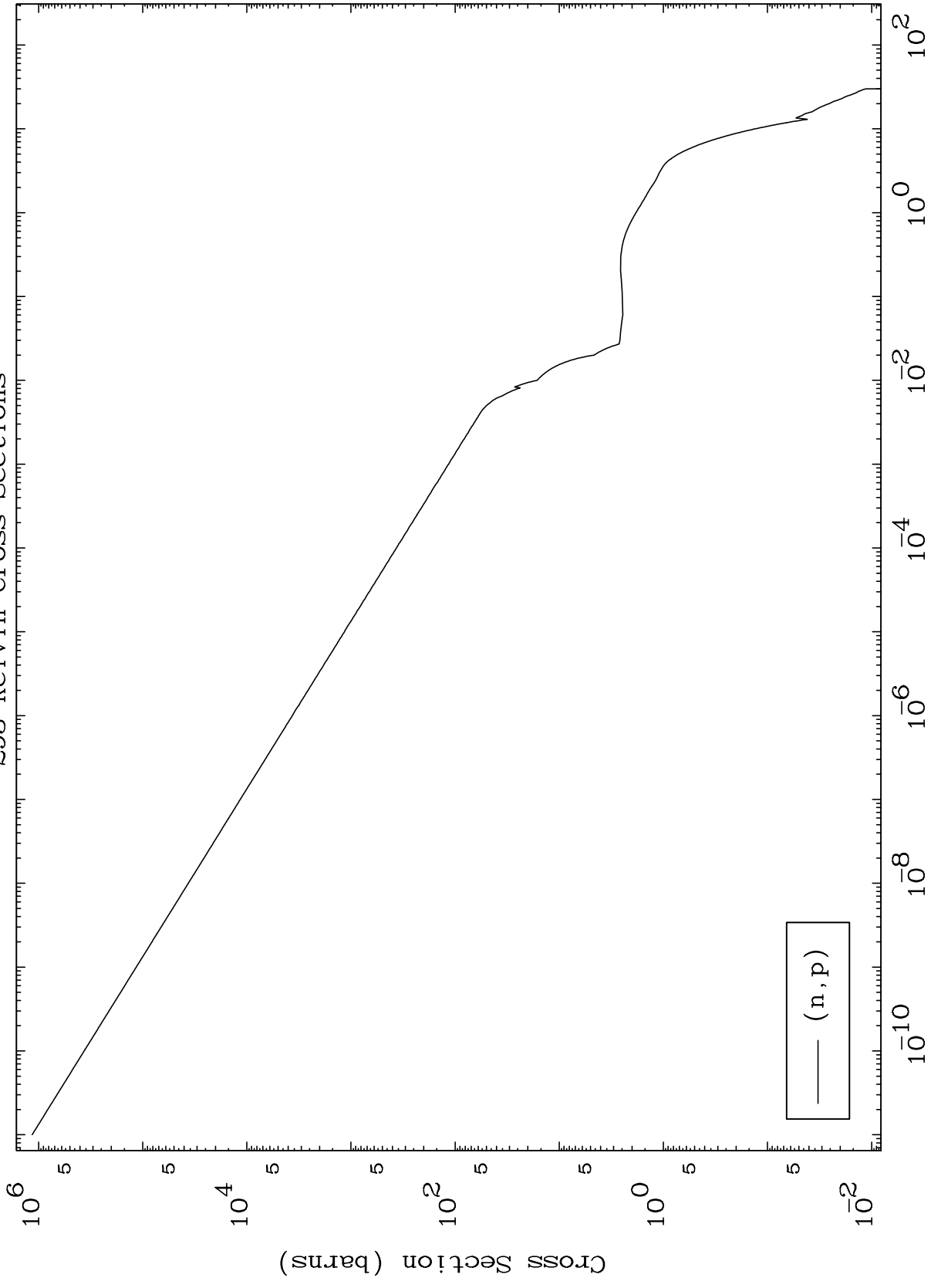
Incident Energy (MeV)

14-Si-26

MAT 1419

(n,p) Levels  
293 Kelvin Cross Sections

14-Si-26



(n,p)

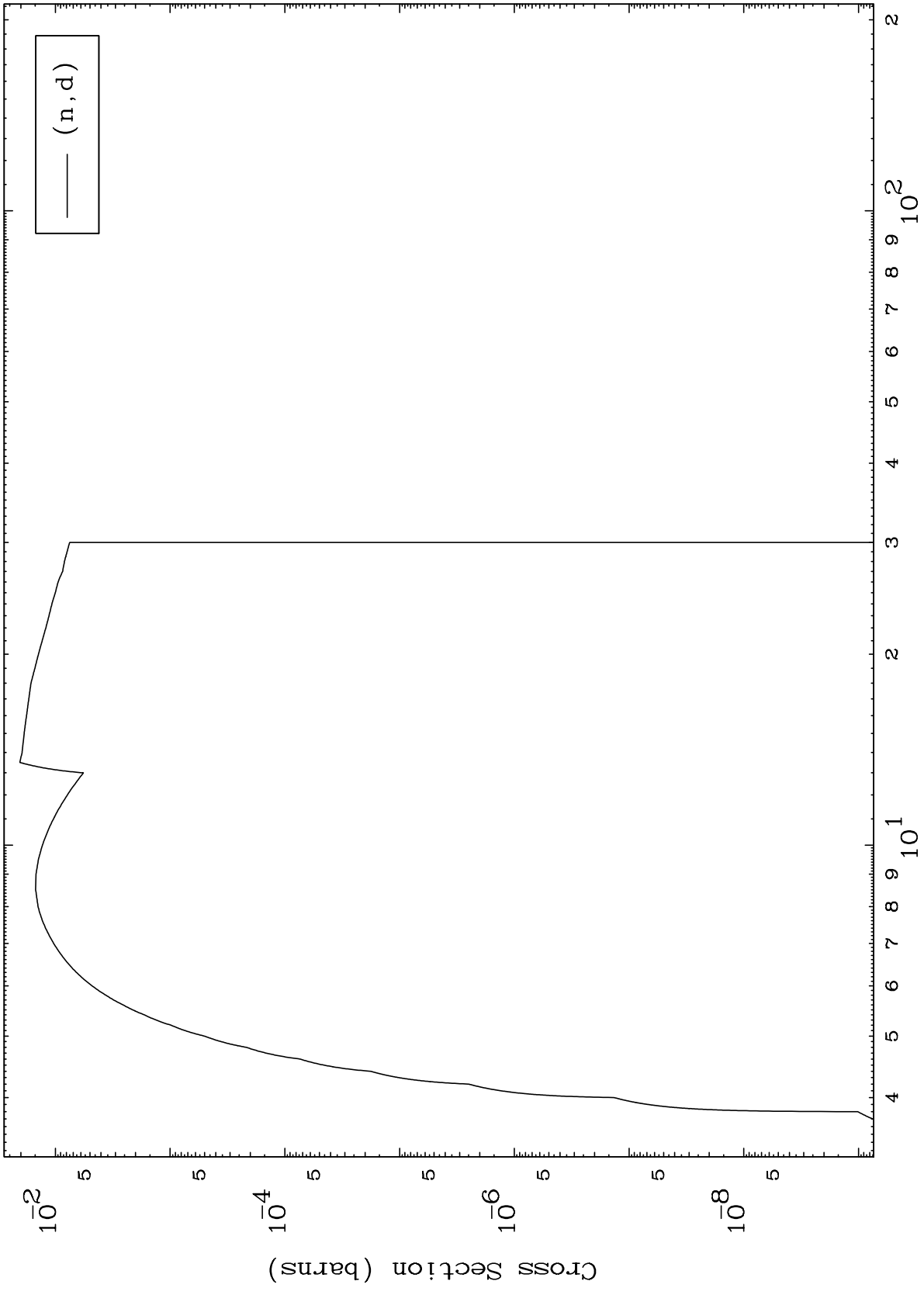
14-Si-26



MAT 1419

(n,d) Levels  
293 Kelvin Cross Sections

14-Si-26



8

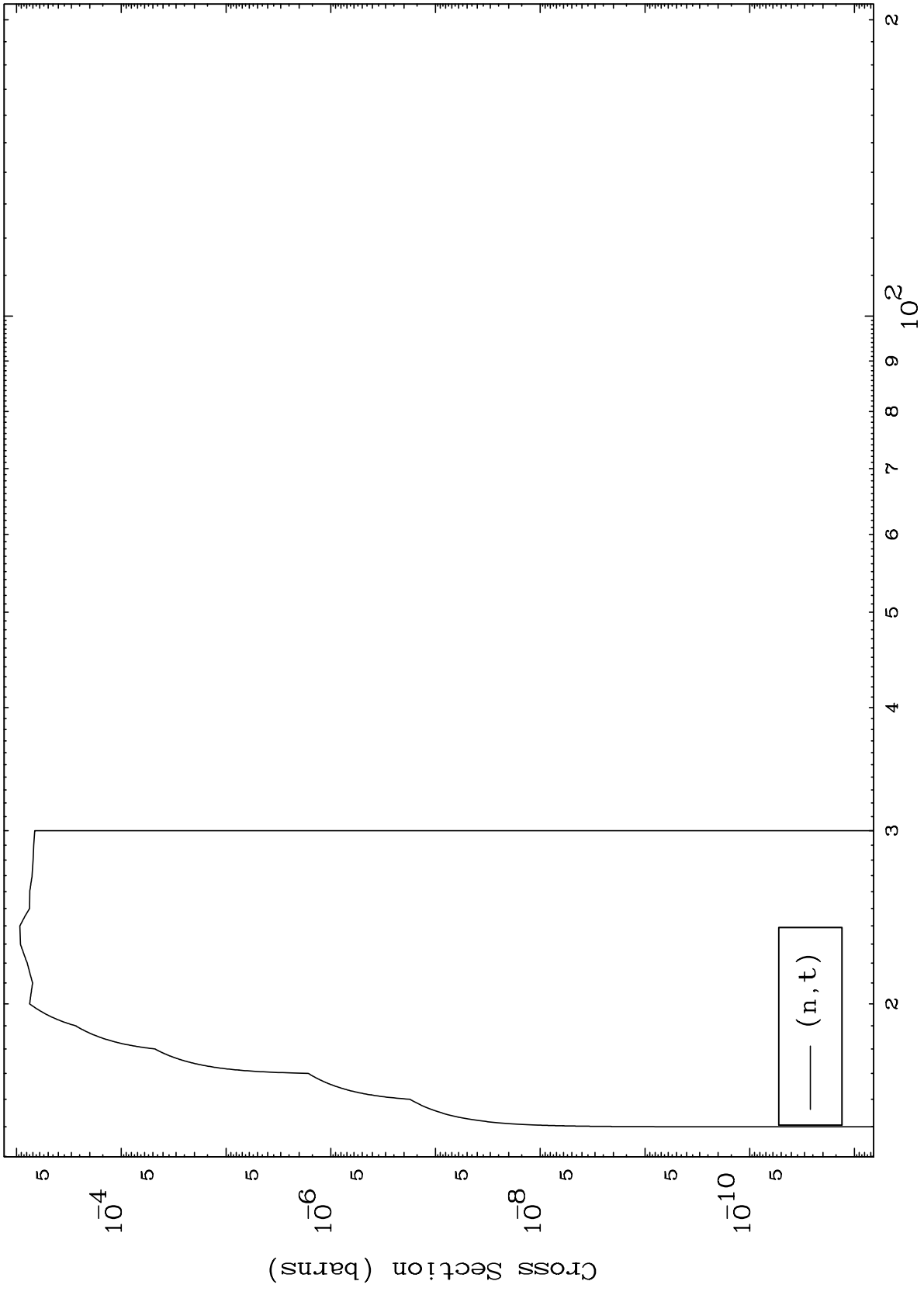
Incident Energy (MeV)

14-Si-26

MAT 1419

(n,t) Levels  
293 Kelvin Cross Sections

14-Si-26



9

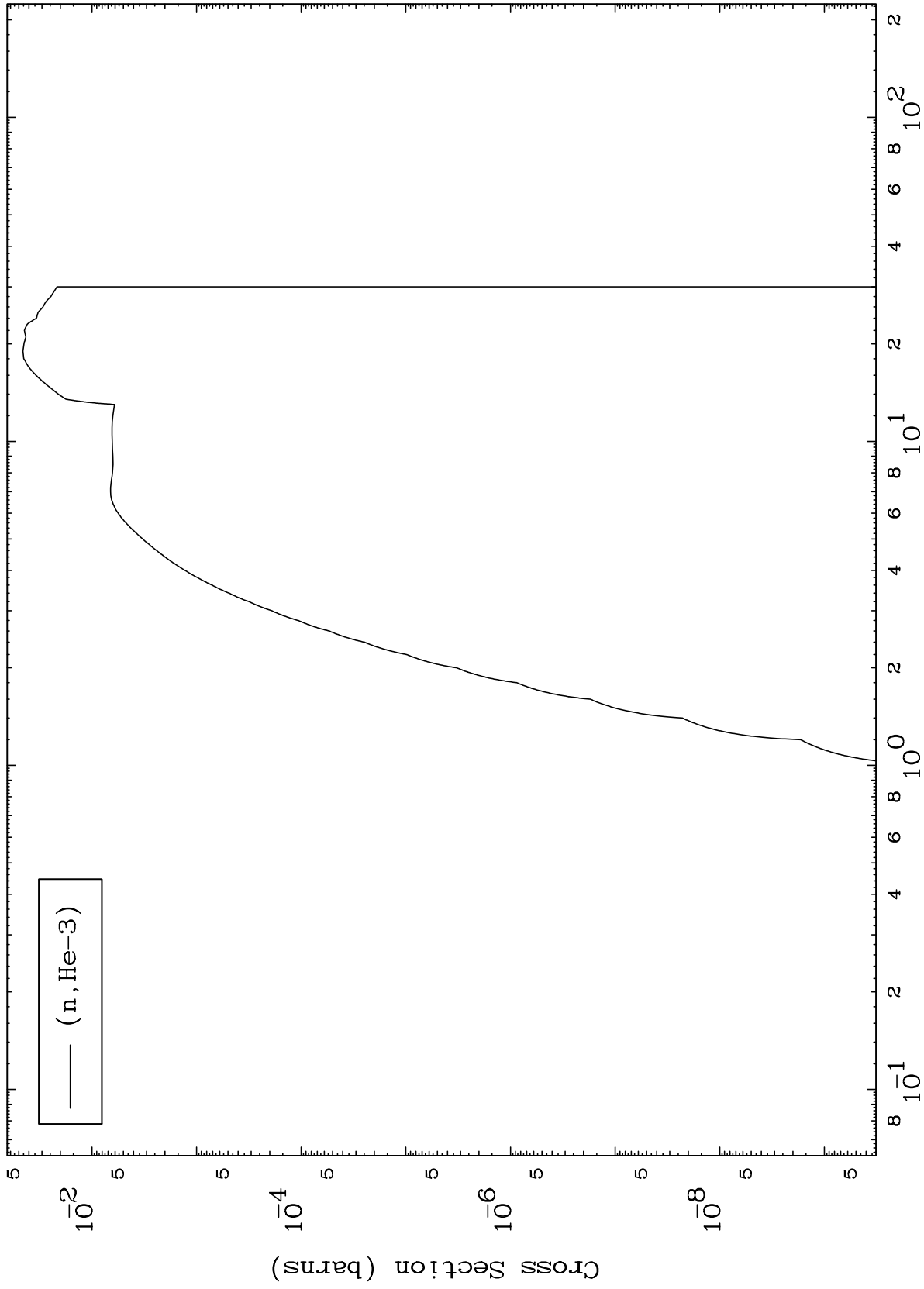
Incident Energy (MeV)

14-Si-26

MAT 1419

(n,He3) Levels  
293 Kelvin Cross Sections

14-Si-26



10

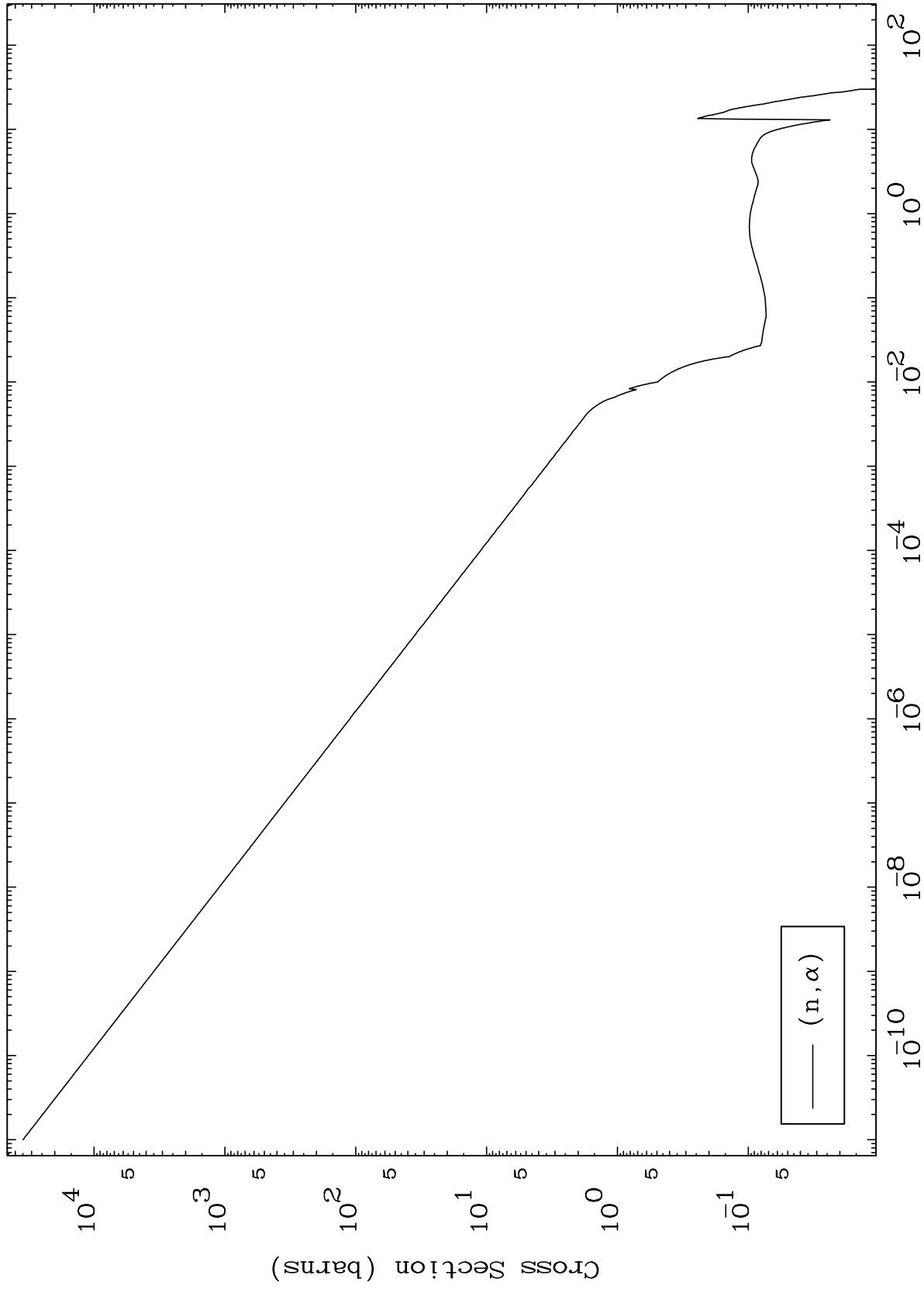
Incident Energy (MeV)

14-Si-26

MAT 1419

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

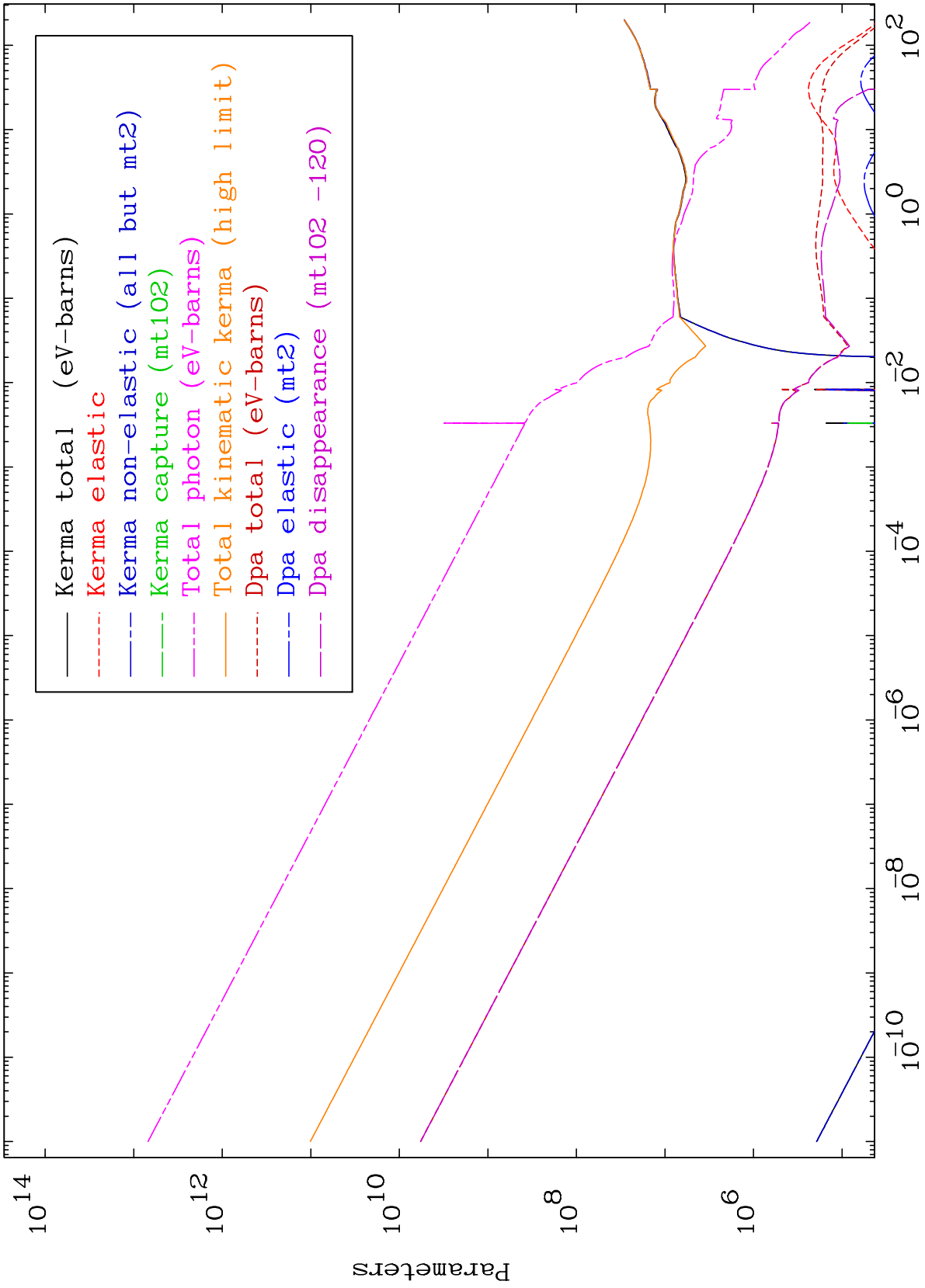
14-Si-26



11

Incident Energy (MeV)

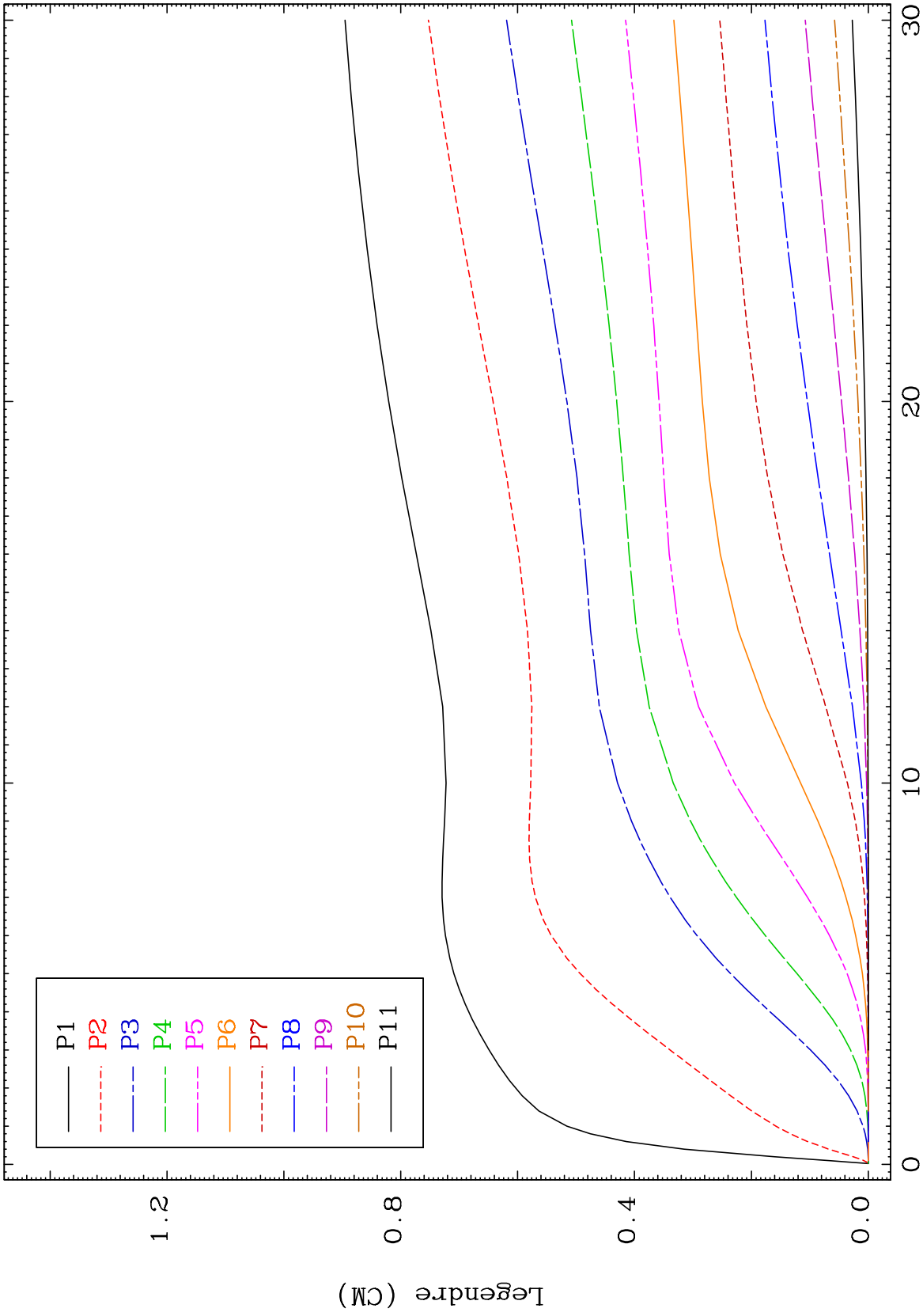
14-Si-26



MAT 1419

Elastic Legendre Coefficients

<sup>14</sup>Si-26



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Incident Energy (MeV)

<sup>14</sup>Si-26



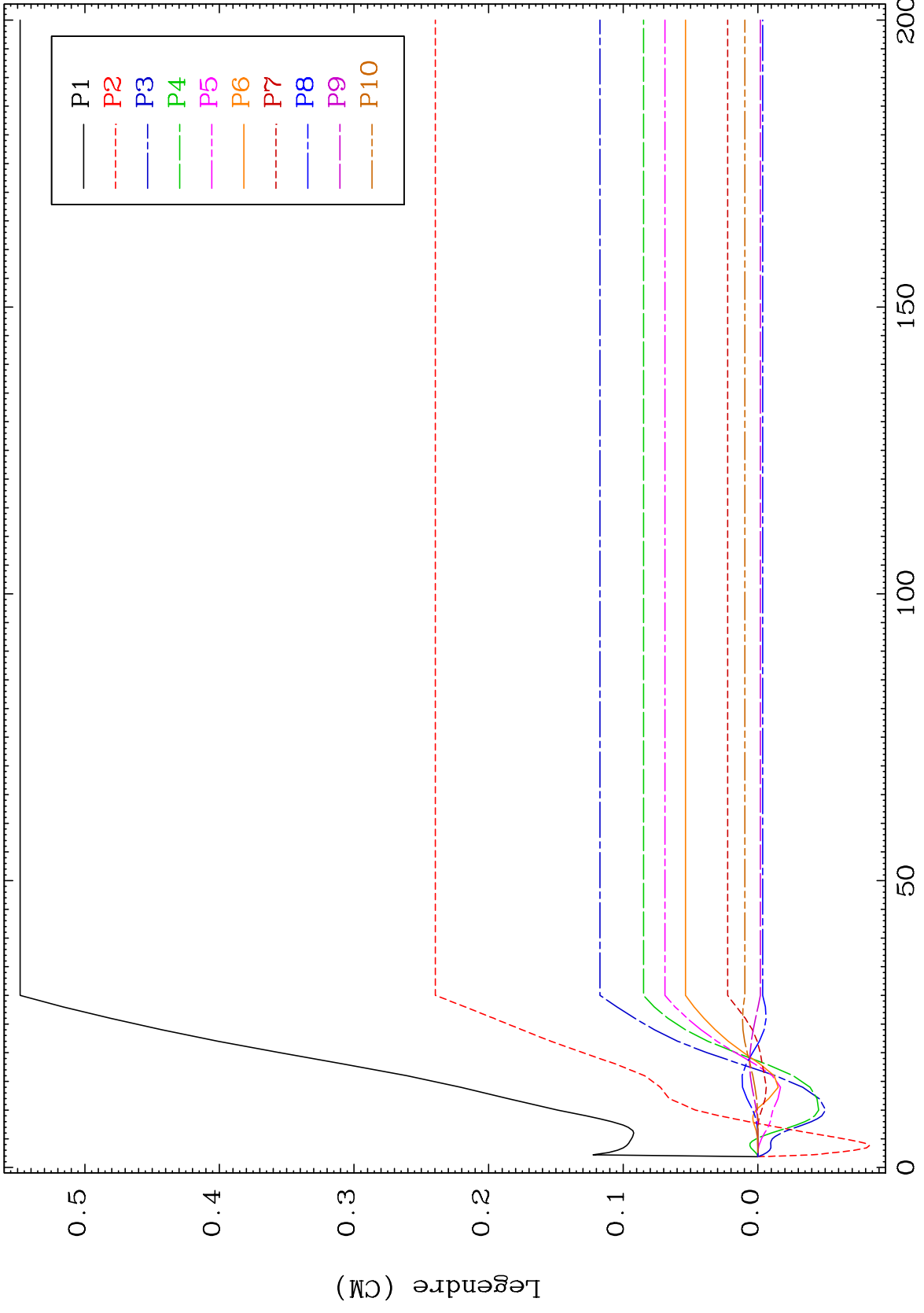




MAT 1419

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

14-Si-26



16

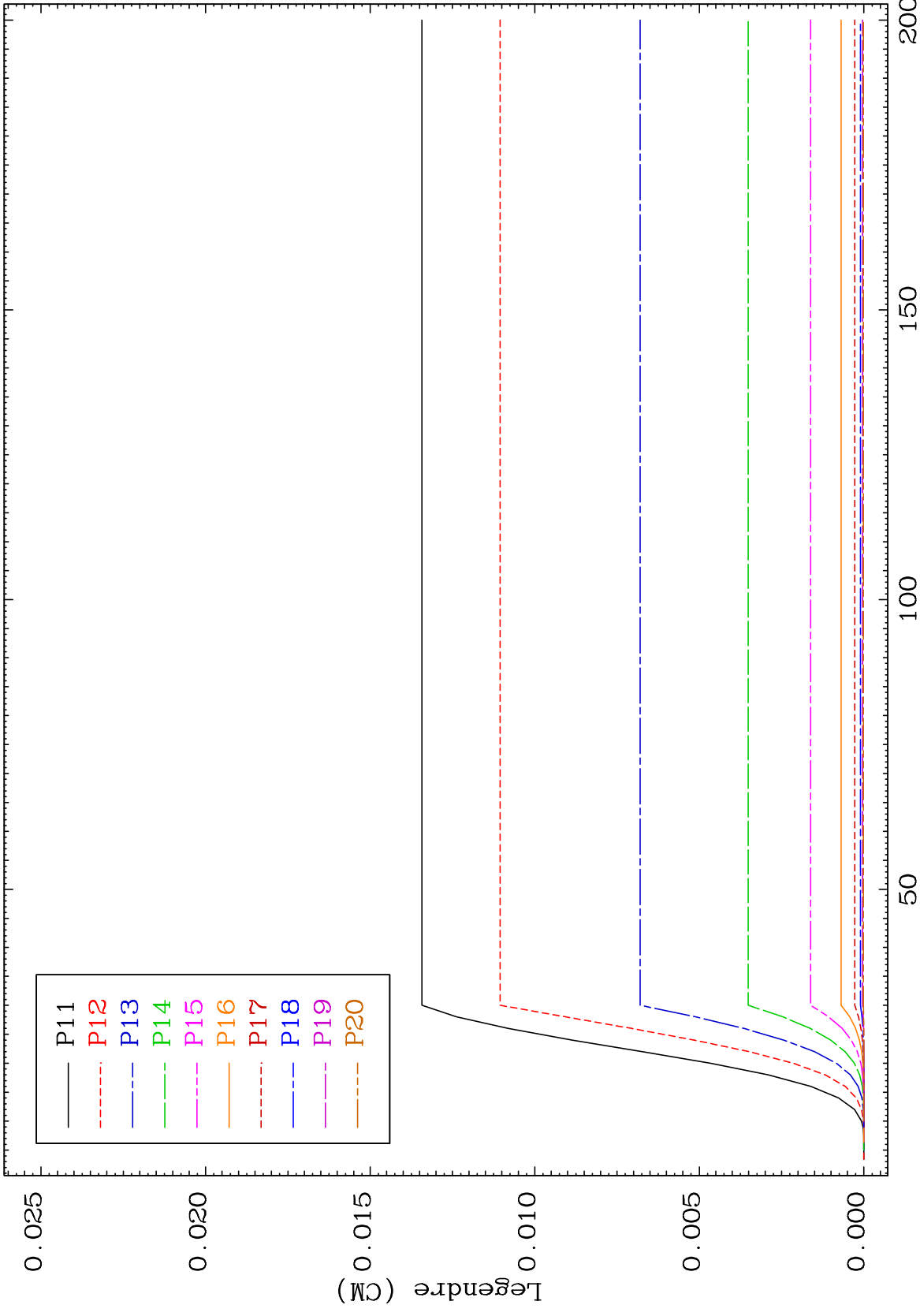
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26



17

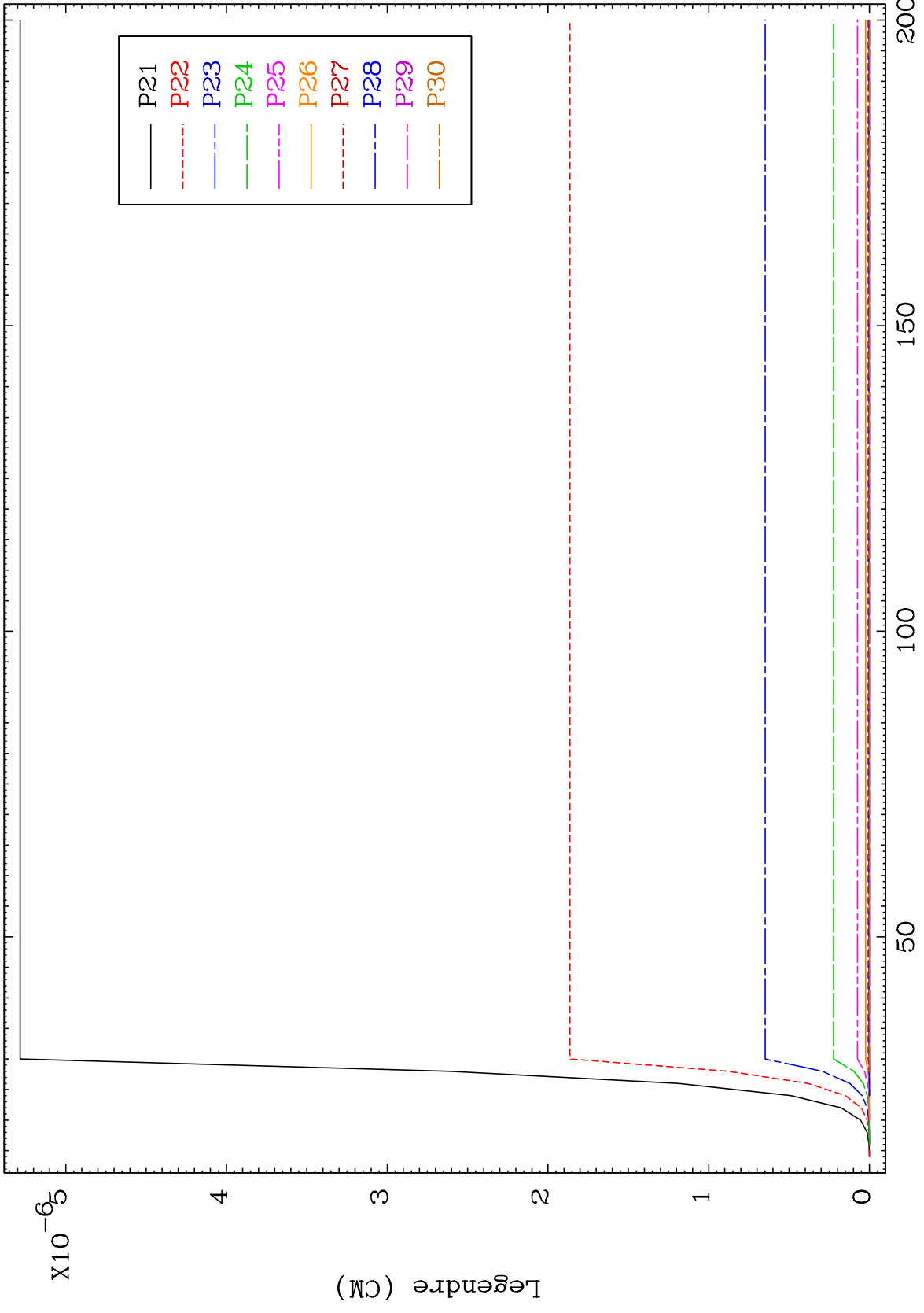
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26



18

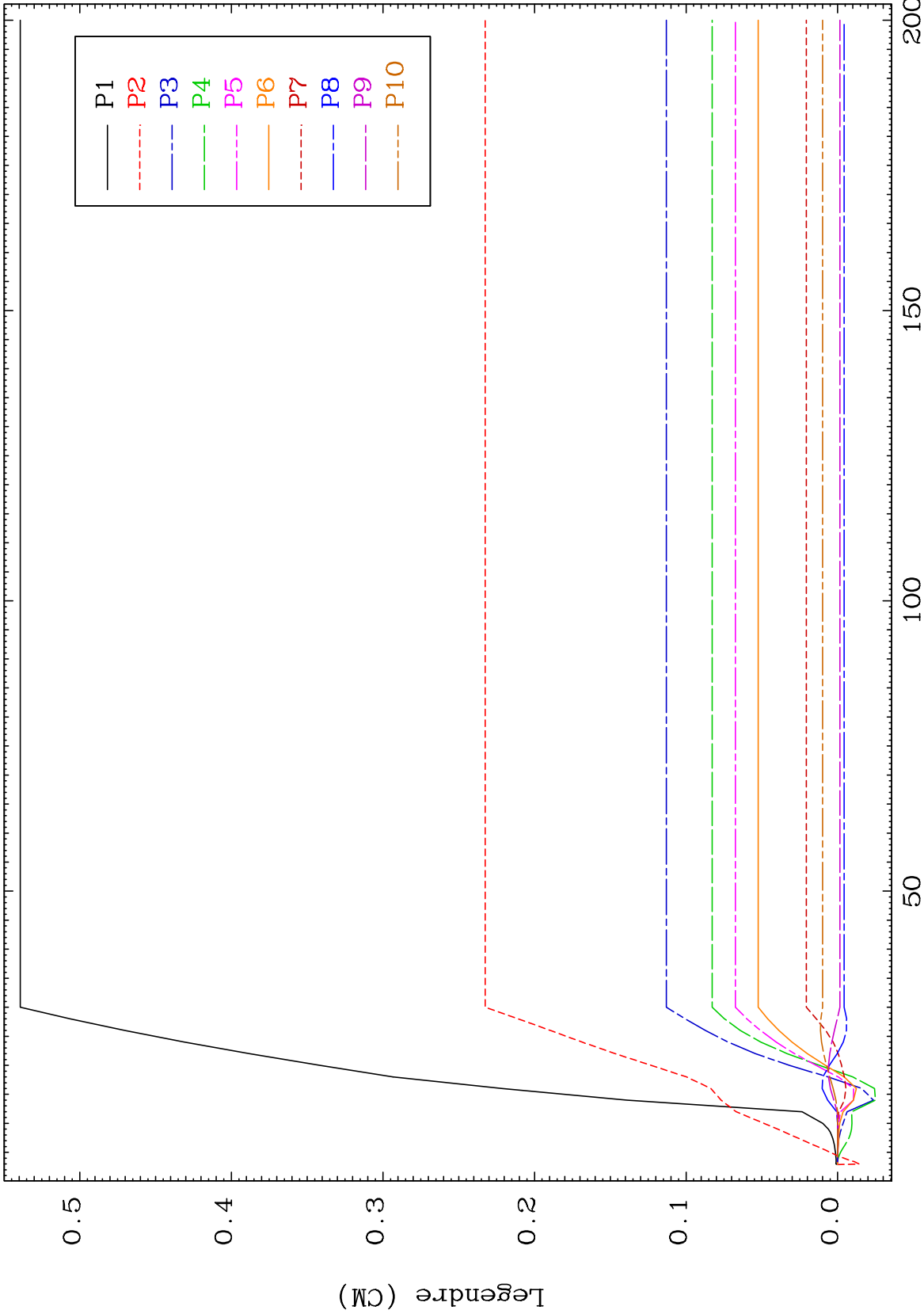
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26

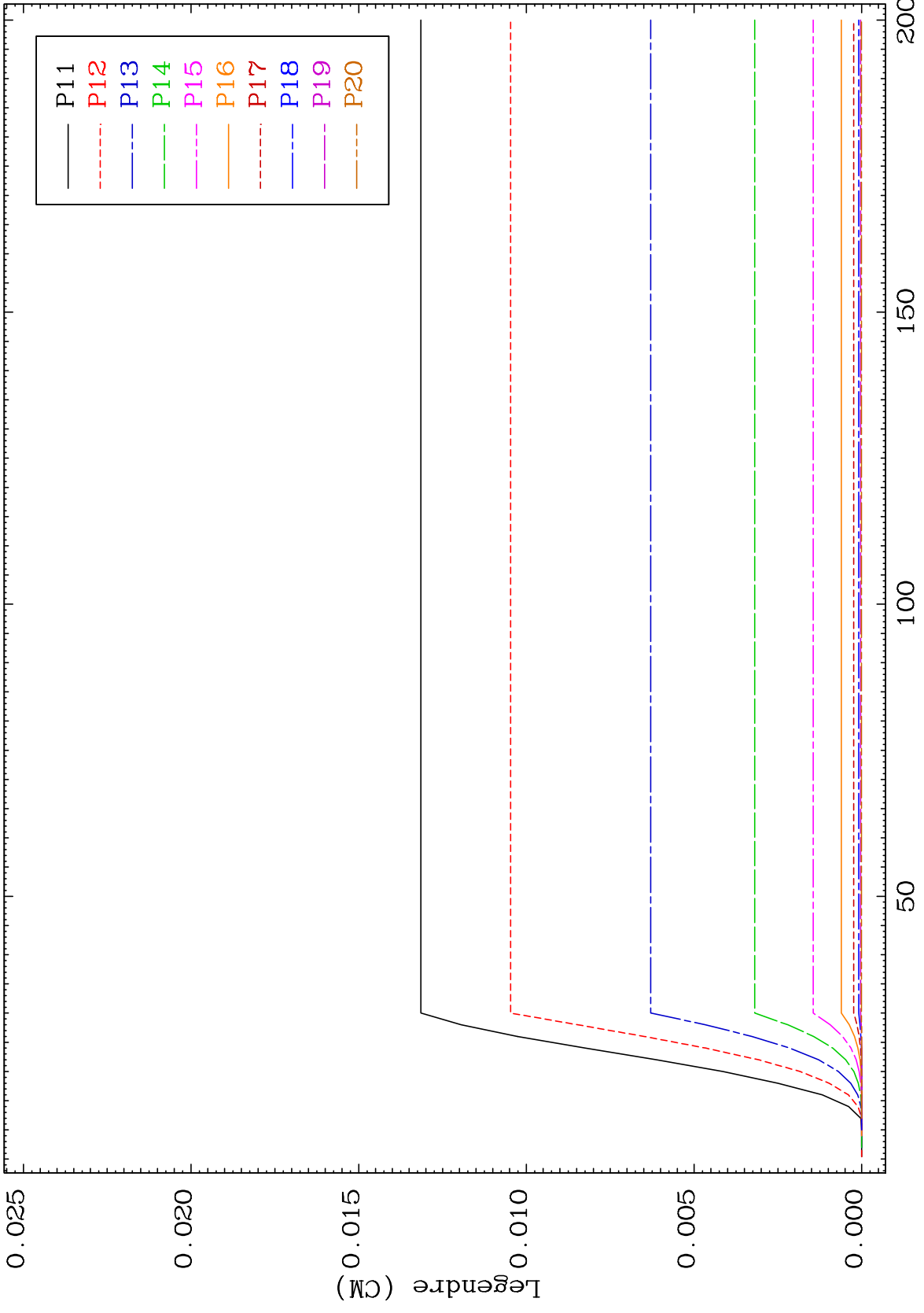


19

Incident Energy (MeV)

14-Si-26

MAT 1419 MT= 52 (n,n') Level Legendre Coefficients 14-Si-26

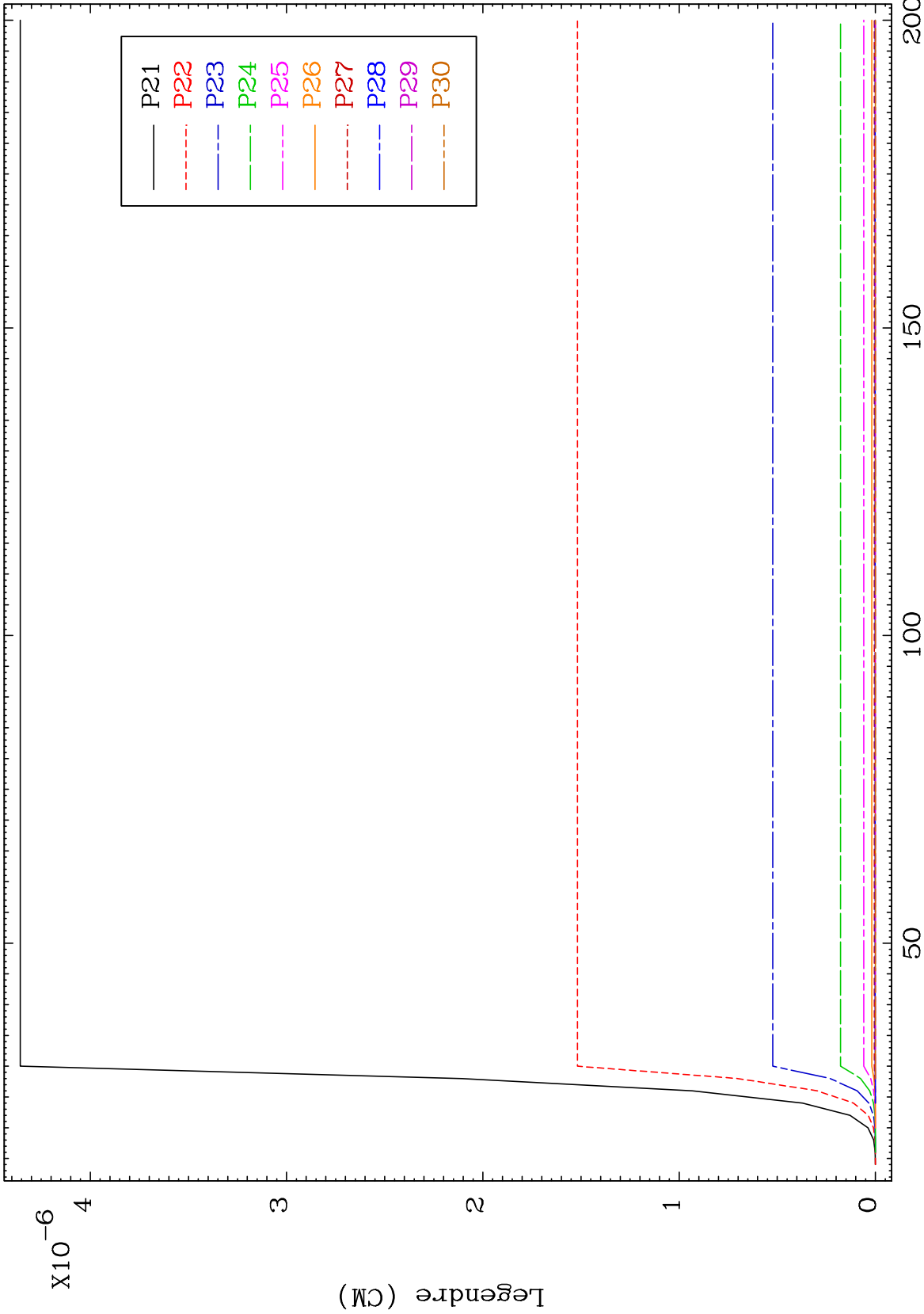


14-Si-26

MAT 1419

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

14-Si-26

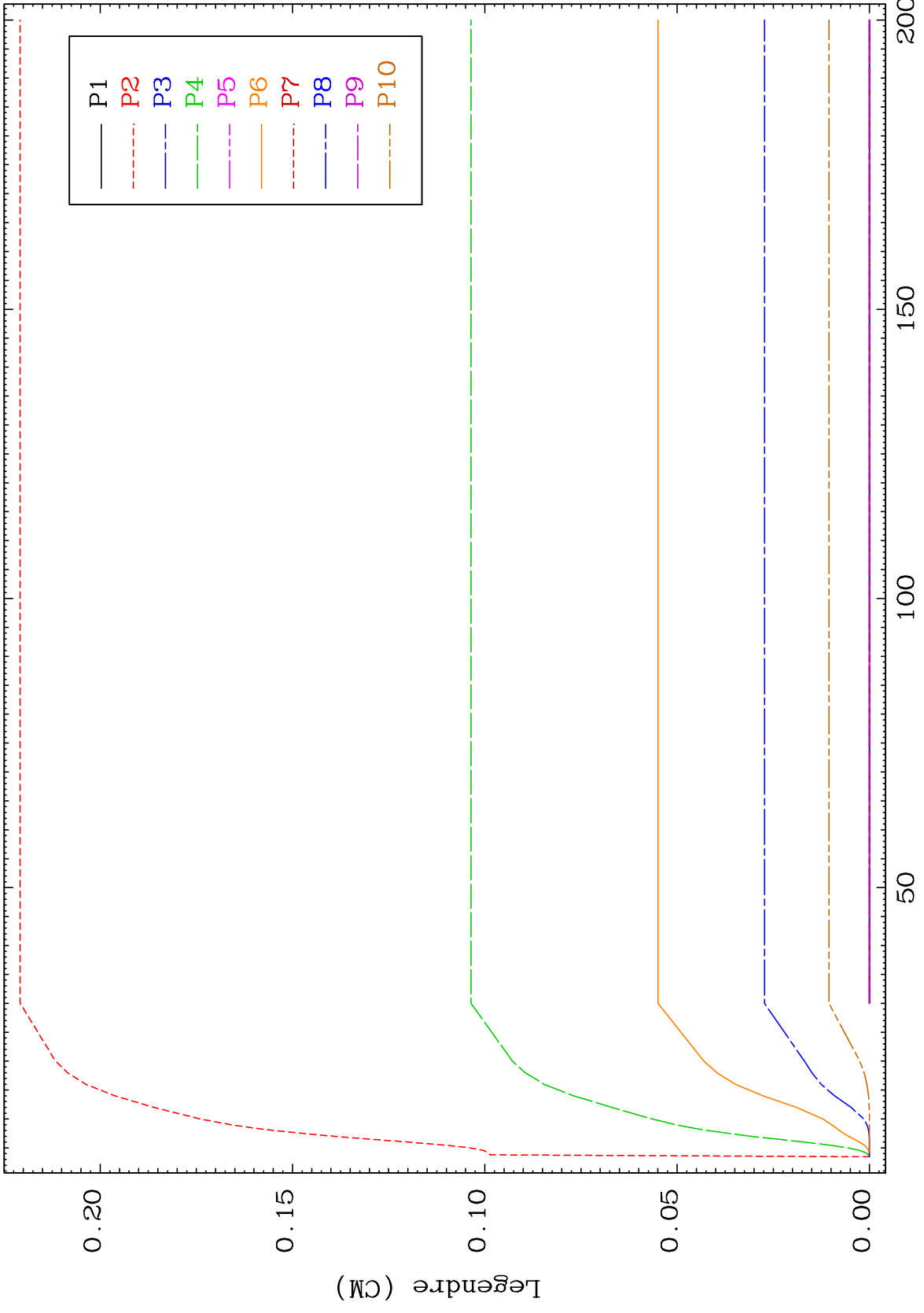


21

Incident Energy (MeV)

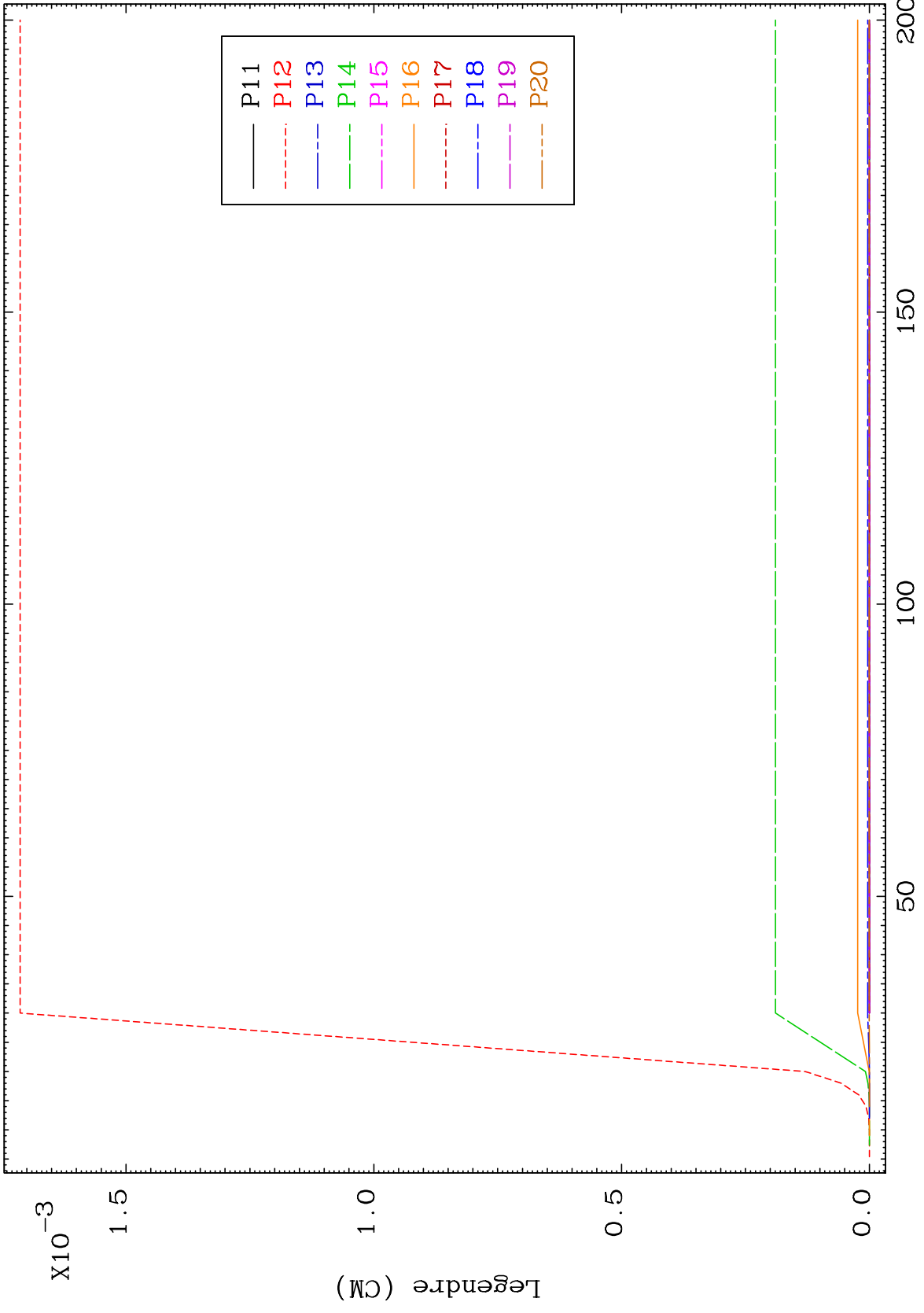
14-Si-26

MAT 1419 MT= 53 (n,n') Level Legendre Coefficients 14-Si-26



22 50 100 150 200

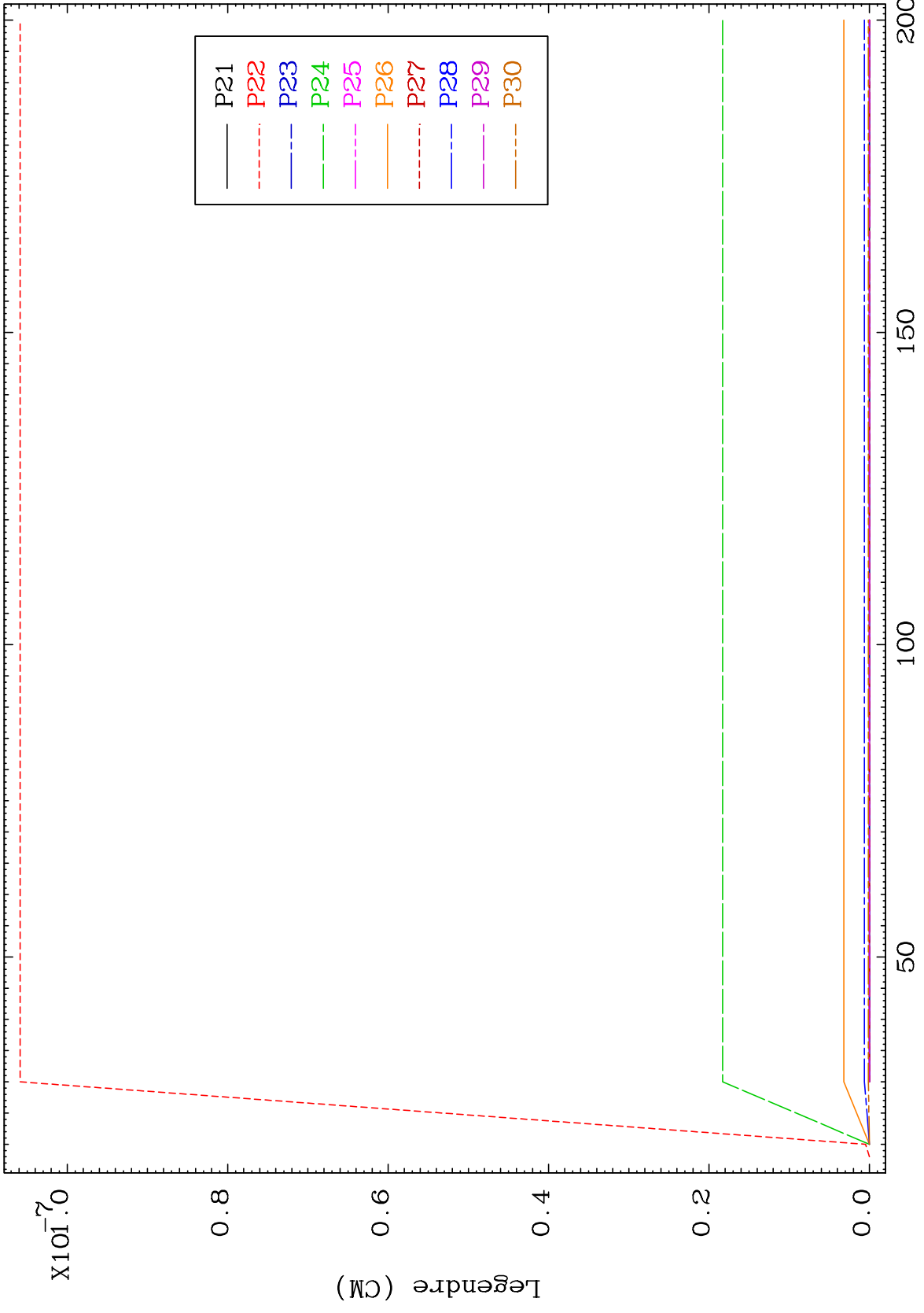
MAT 1419 MT= 53 (n,n') Level Legendre Coefficients 14-Si-26



23 Incident Energy (MeV) 14-Si-26

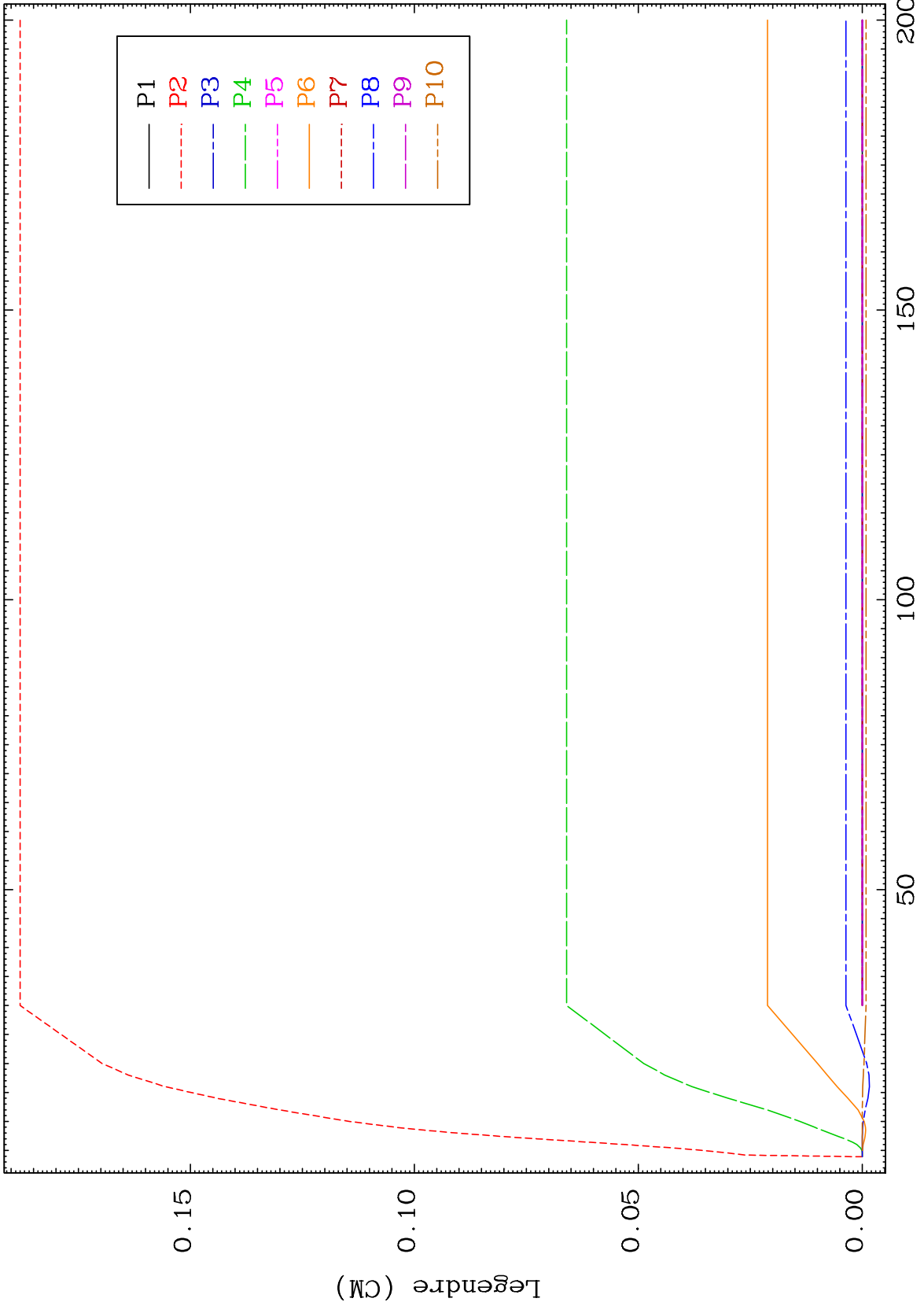


MAT 1419 MT= 53 (n,n') Level Legendre Coefficients 14-Si-26



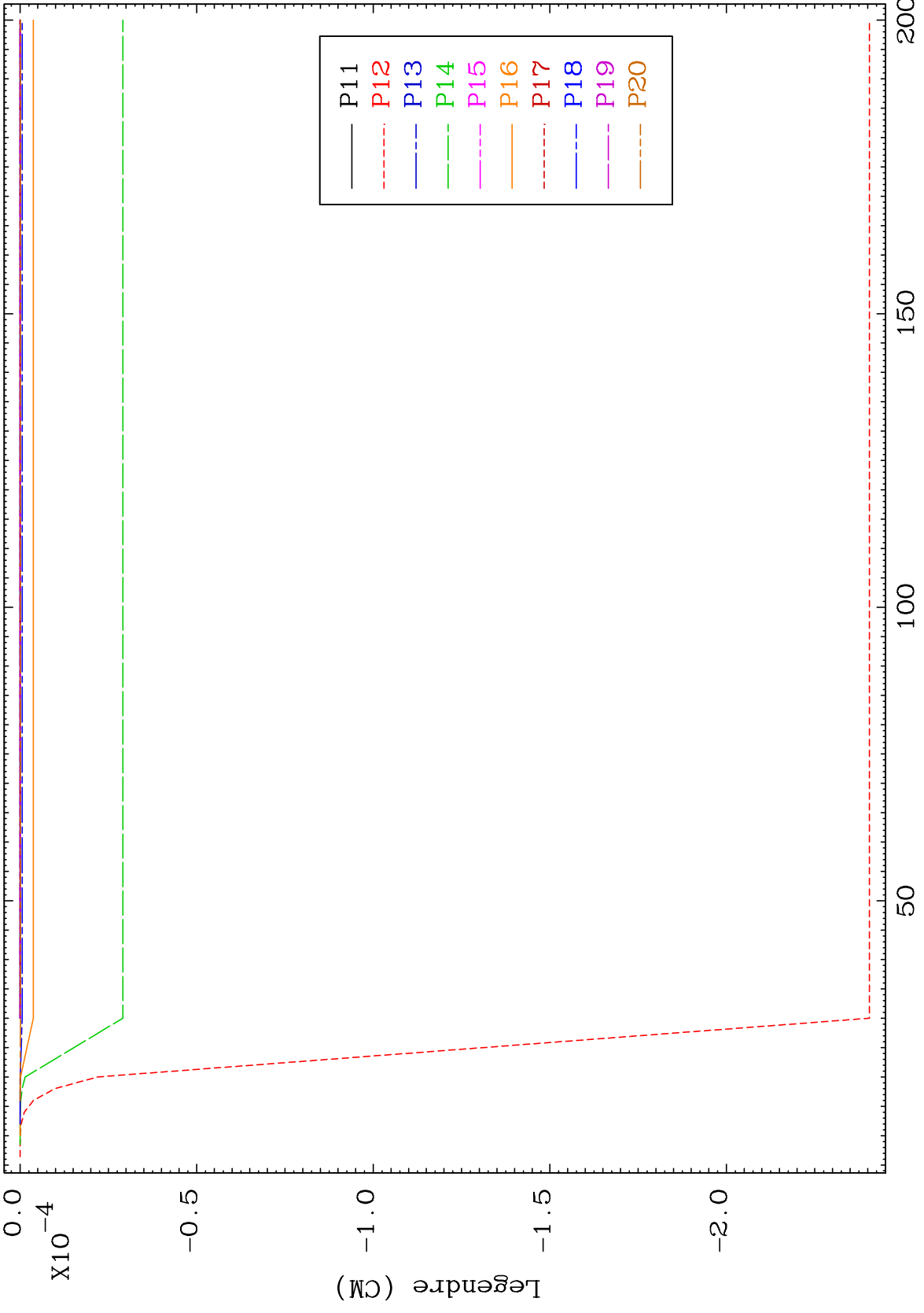
24 Incident Energy (MeV) 14-Si-26

MAT 1419 MT= 54 (n,n') Level Legendre Coefficients 14-Si-26



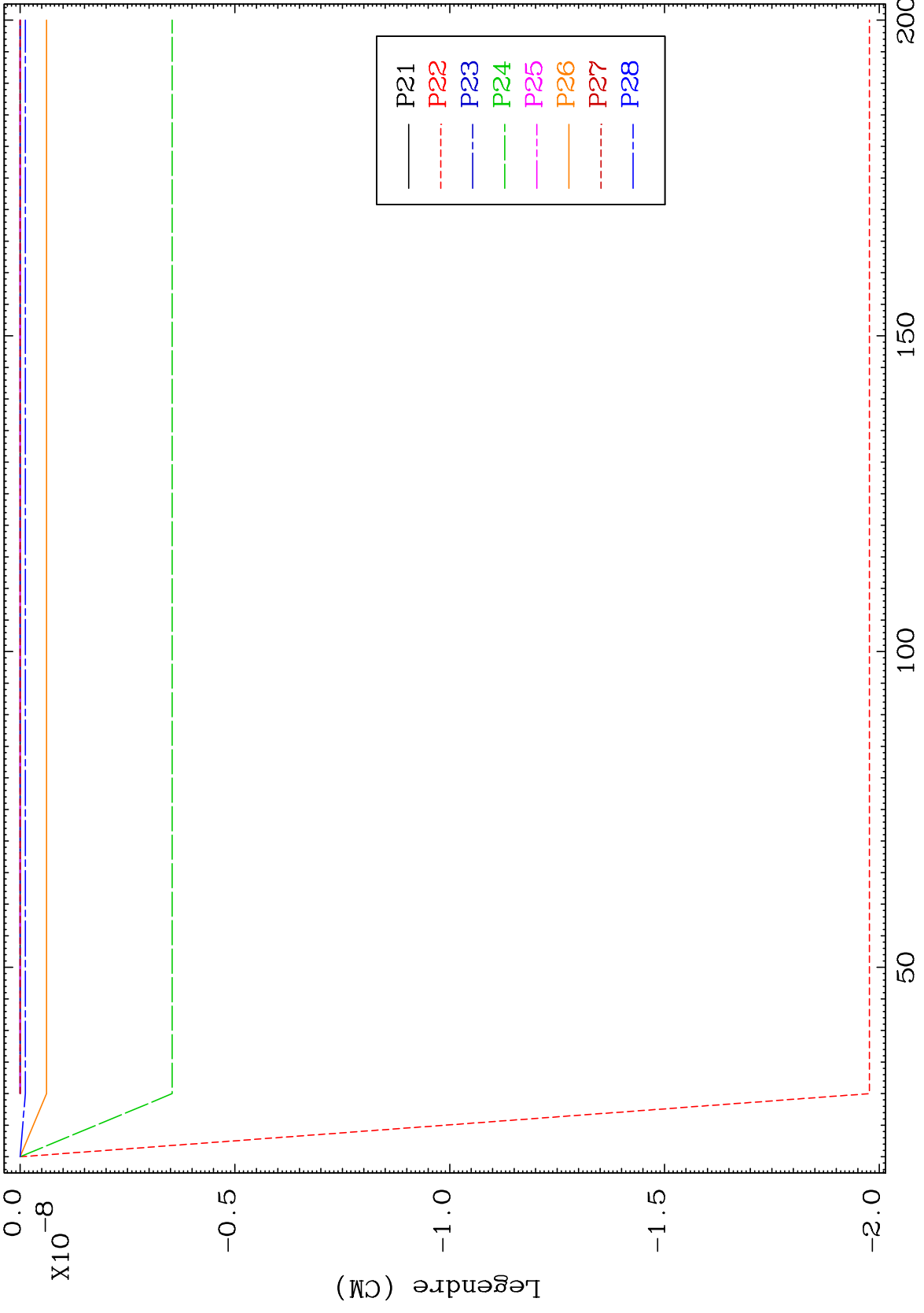
14-Si-26

MAT 1419 MT= 54 (n,n') Level Legendre Coefficients 14-Si-26



26 Incident Energy (MeV) 14-Si-26

MAT 1419 MT= 54 (n,n') Level Legendre Coefficients 14-Si-26

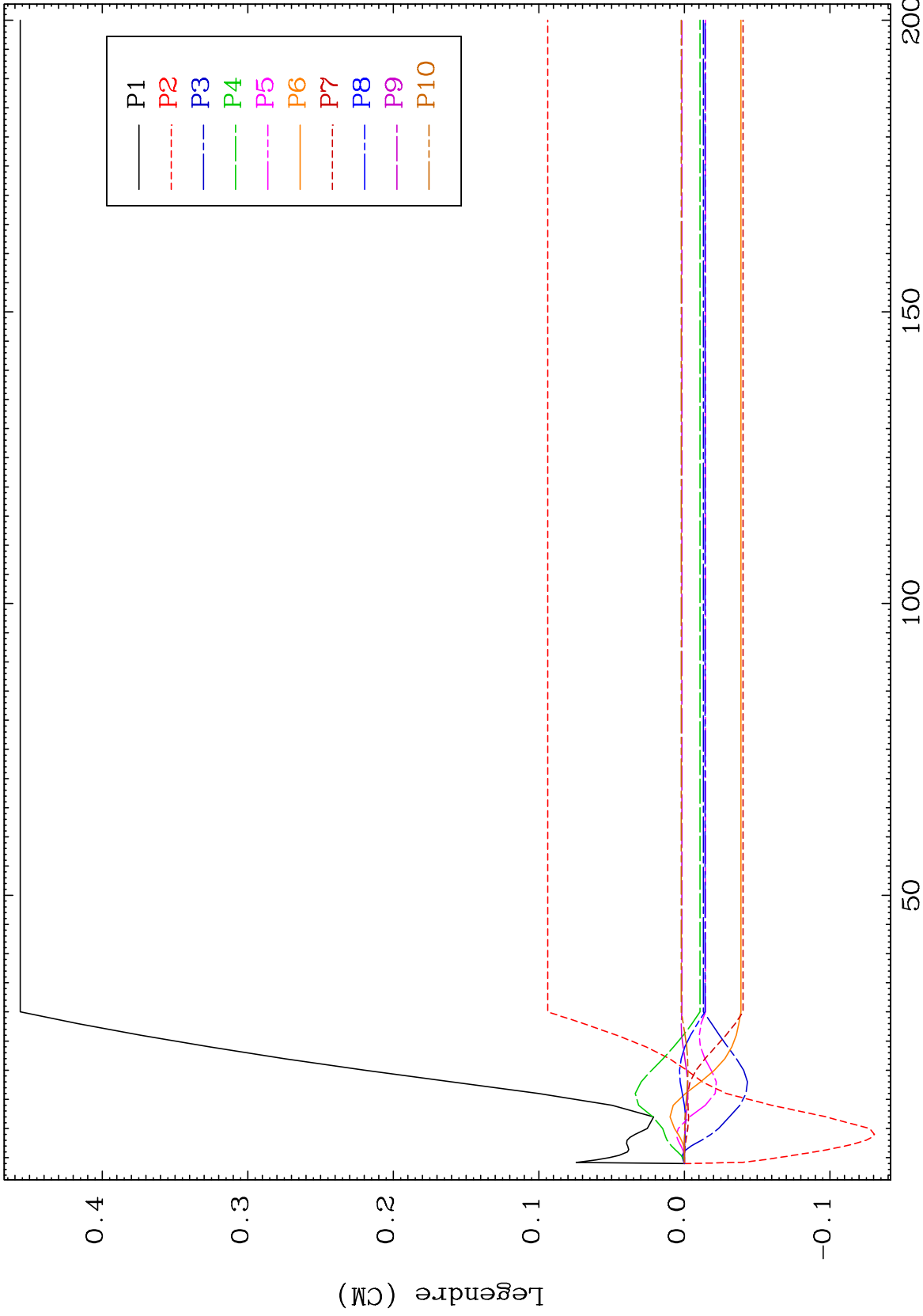


27 Incident Energy (MeV) 14-Si-26

MAT 1419

MT= 55 (n,n') Level  
Legendre Coefficients

14-Si-26



28

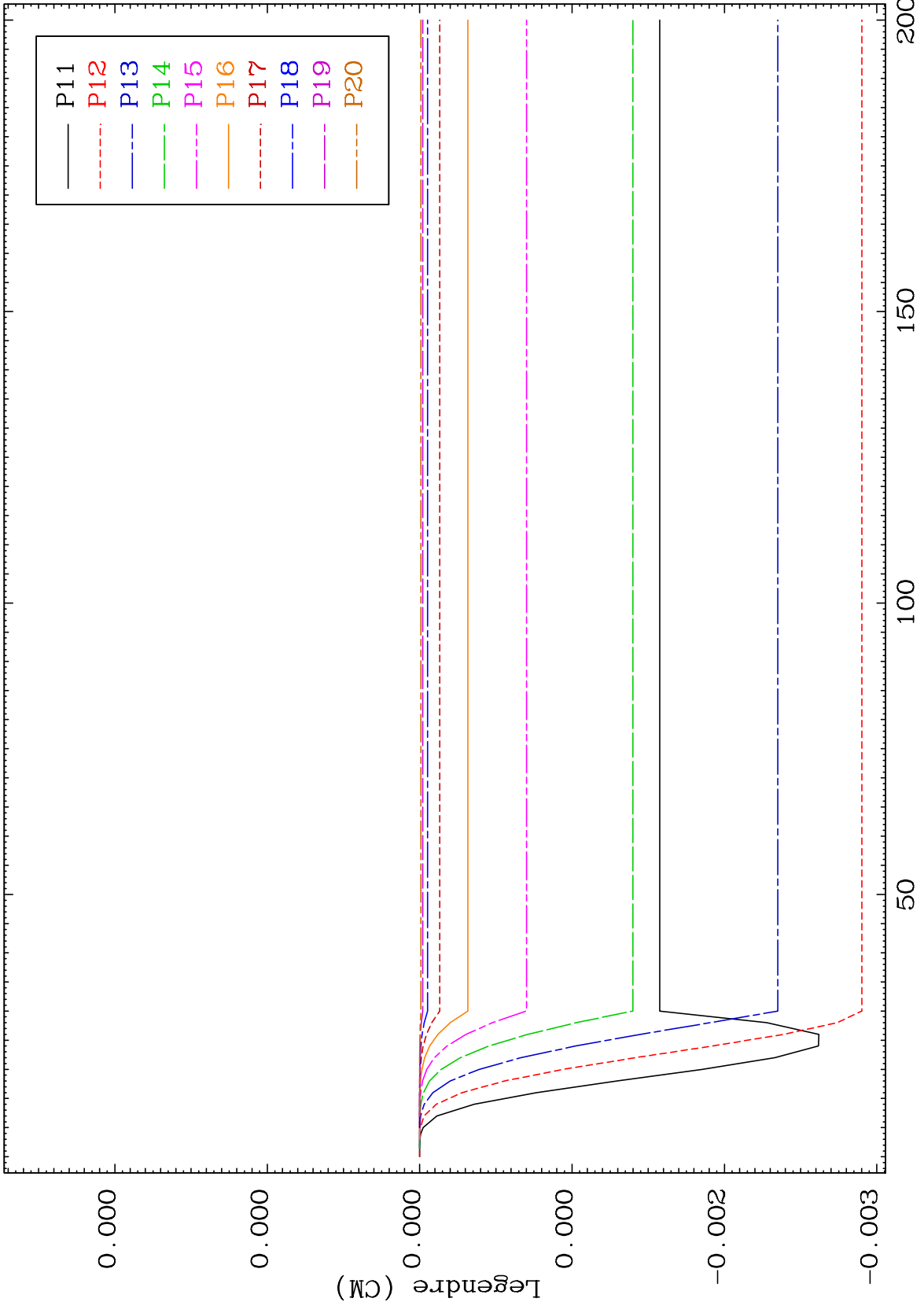
Incident Energy (MeV)

14-Si-26

MAT 1419

MT= 55 (n,n') Level  
Legendre Coefficients

14-Si-26



29

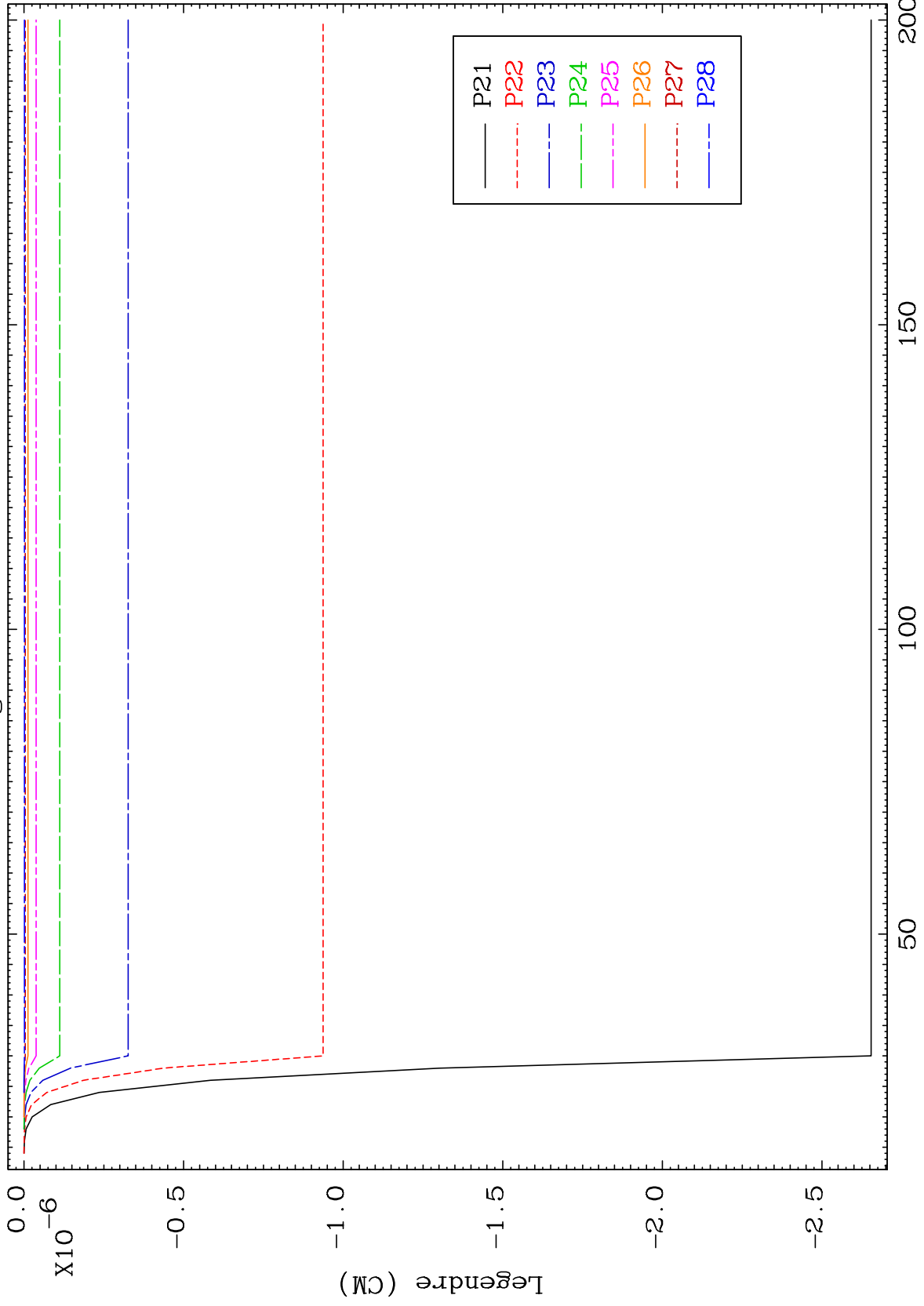
Incident Energy (MeV)

14-Si-26

MAT 1419

MT= 55 (n,n') Level  
Legendre Coefficients

14-Si-26



14-Si-26

Incident Energy (MeV)

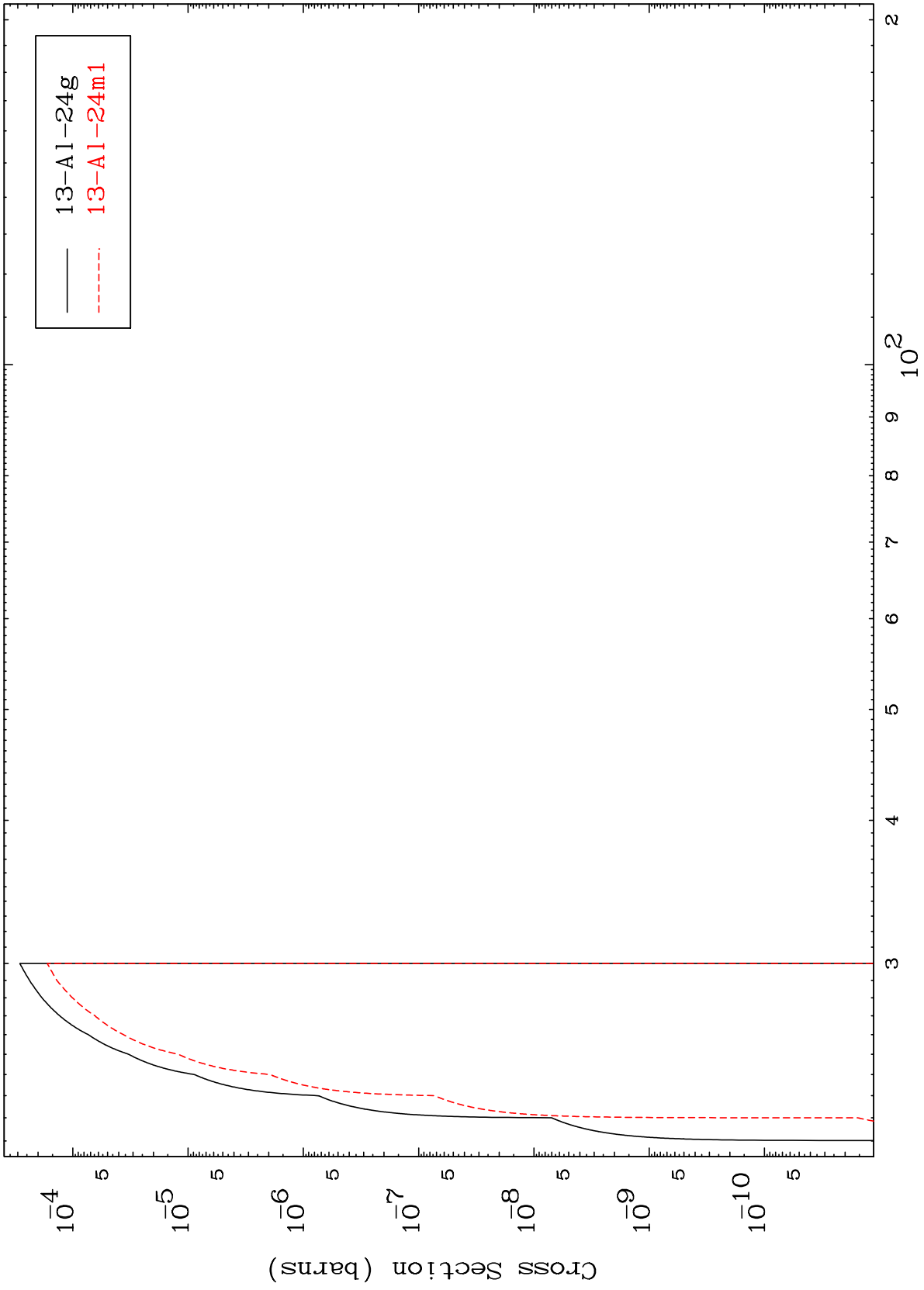
30

MAT 1419

(n,n') d

<sup>14</sup>Si-<sup>26</sup>

Radionuclide Production Cross Section



31

Incident Energy (MeV)

<sup>14</sup>Si-<sup>26</sup>

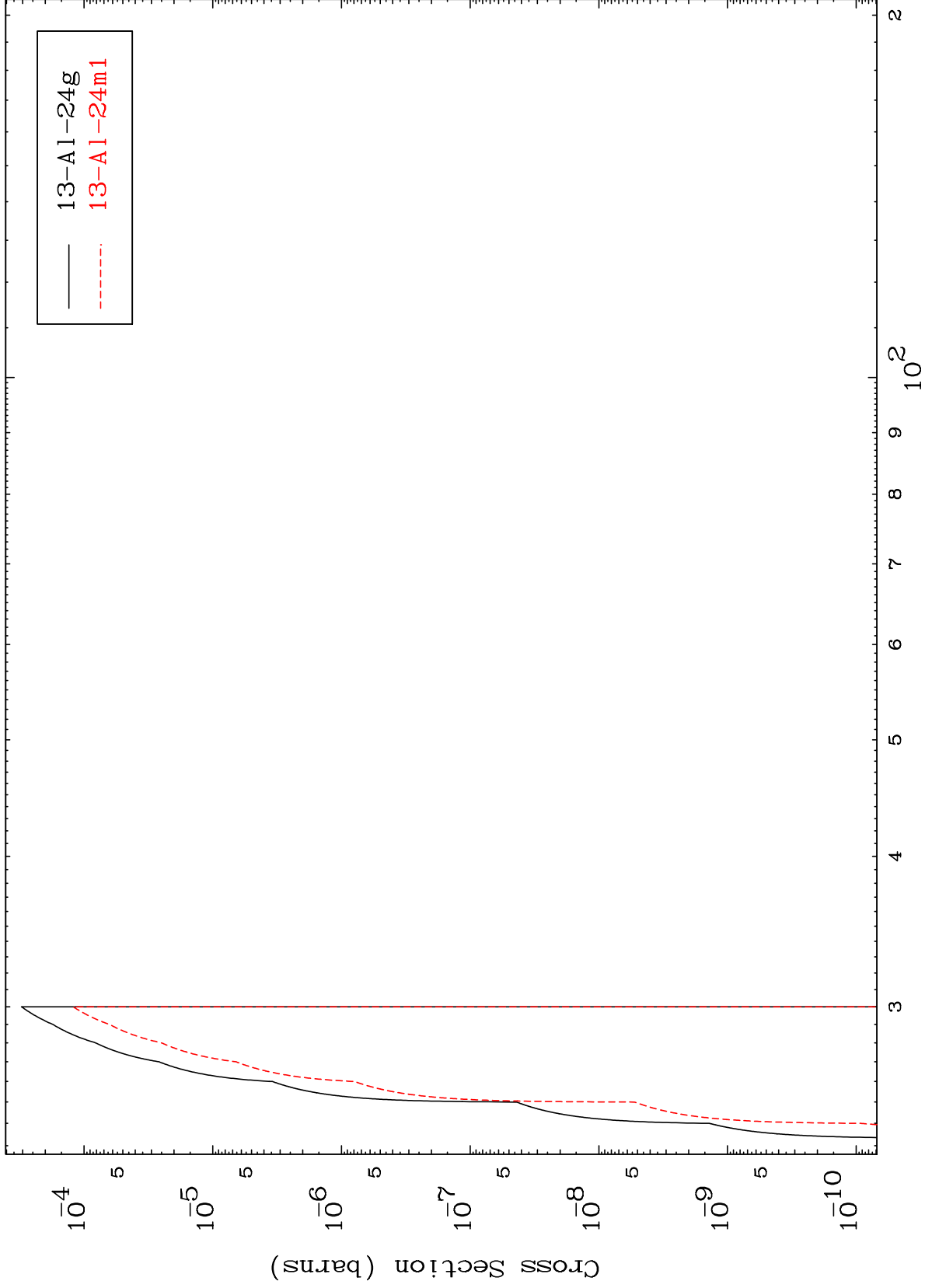


MAT 1419

(n,2n) p

<sup>14</sup>Si-26

Radionuclide Production Cross Section



32

Incident Energy (MeV)

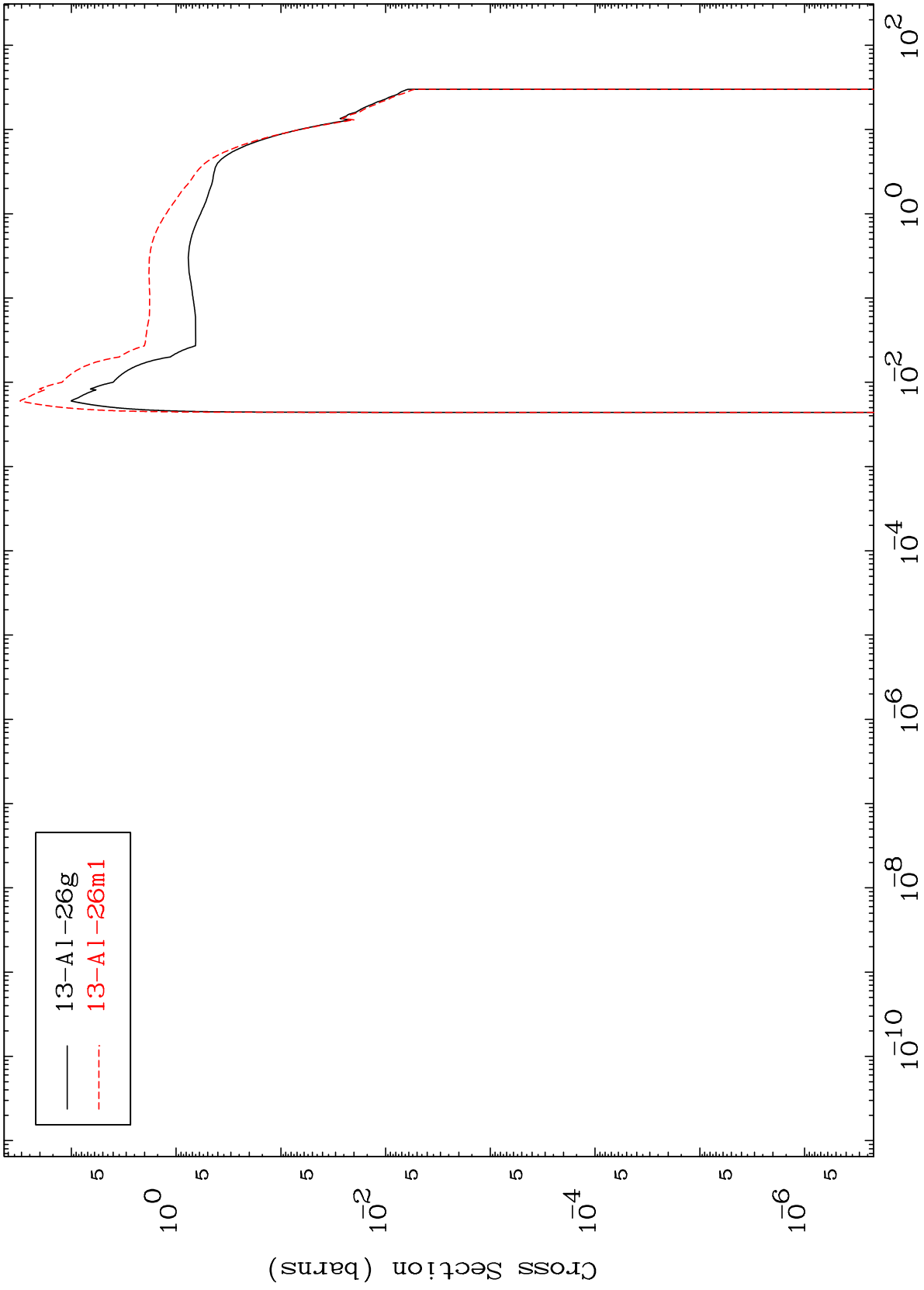
<sup>14</sup>Si-26

MAT 1419

(n,p)

<sup>14</sup>Si-26

Radionuclide Production Cross Section



33

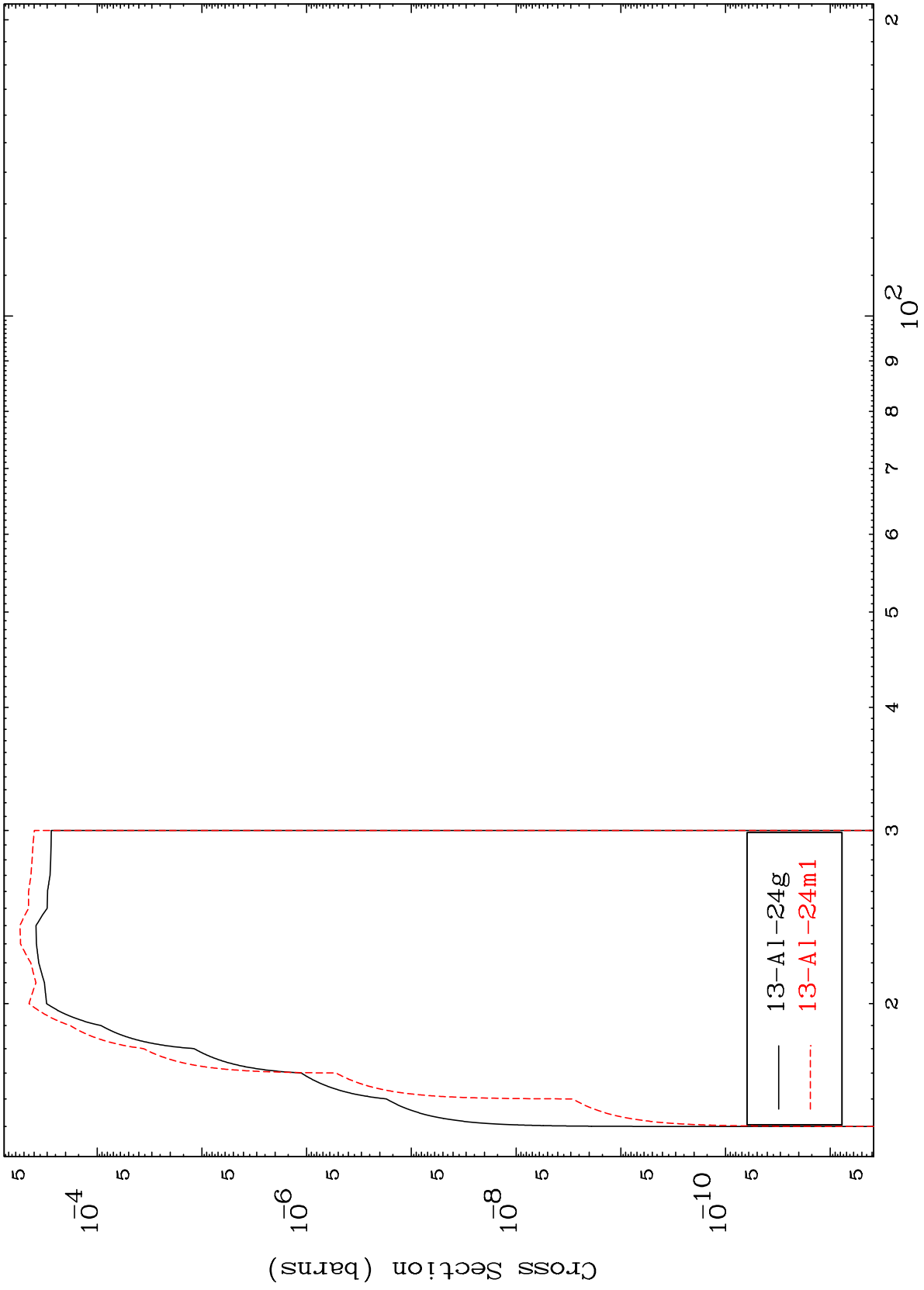
Incident Energy (MeV)

<sup>14</sup>Si-26

MAT 1419

14-Si-26

(n, t)  
Radionuclide Production Cross Section



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14-Si-26