

Program EVALPLOT  
(Version 2018-1)

by

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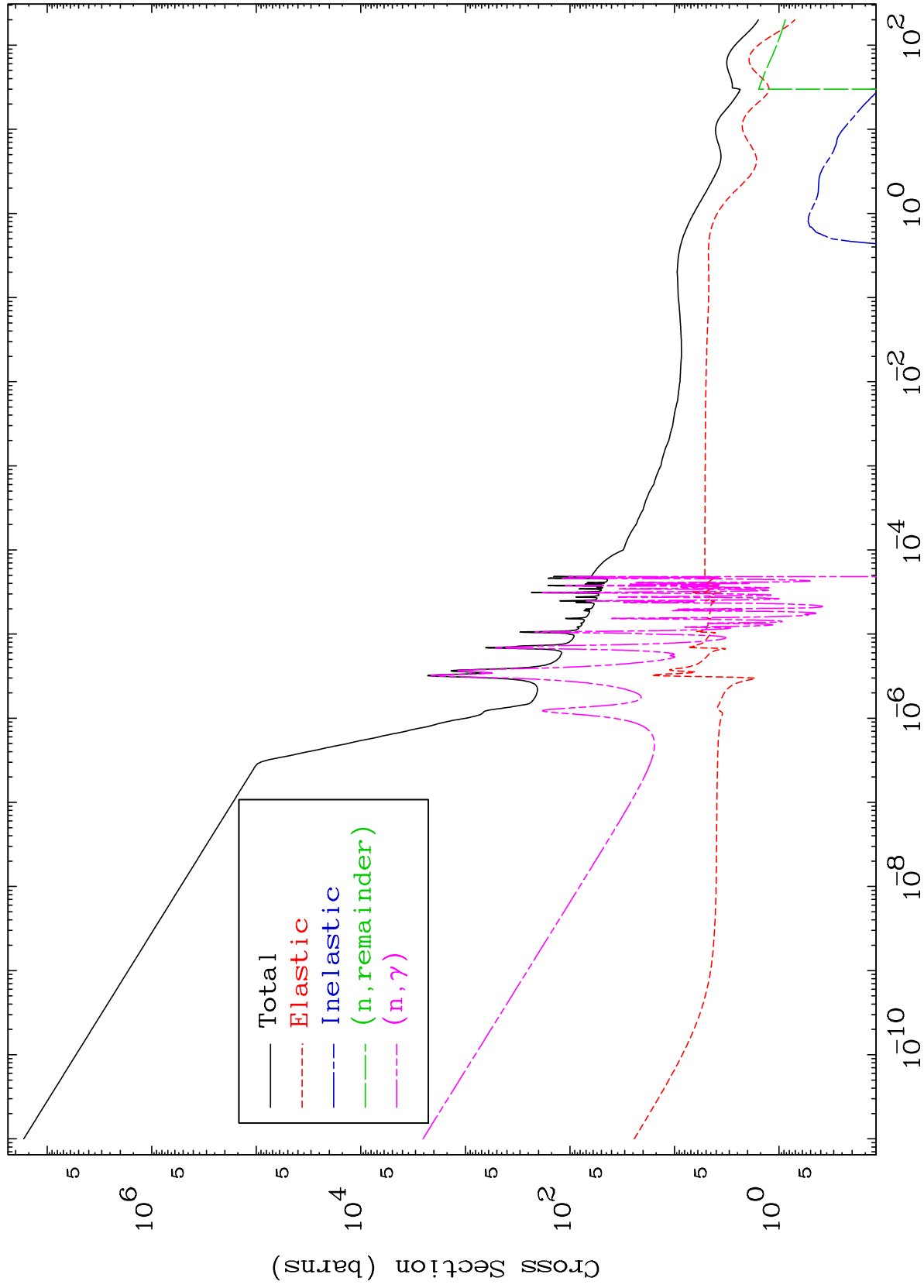
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4292

Major  
293 Kelvin Cross Sections

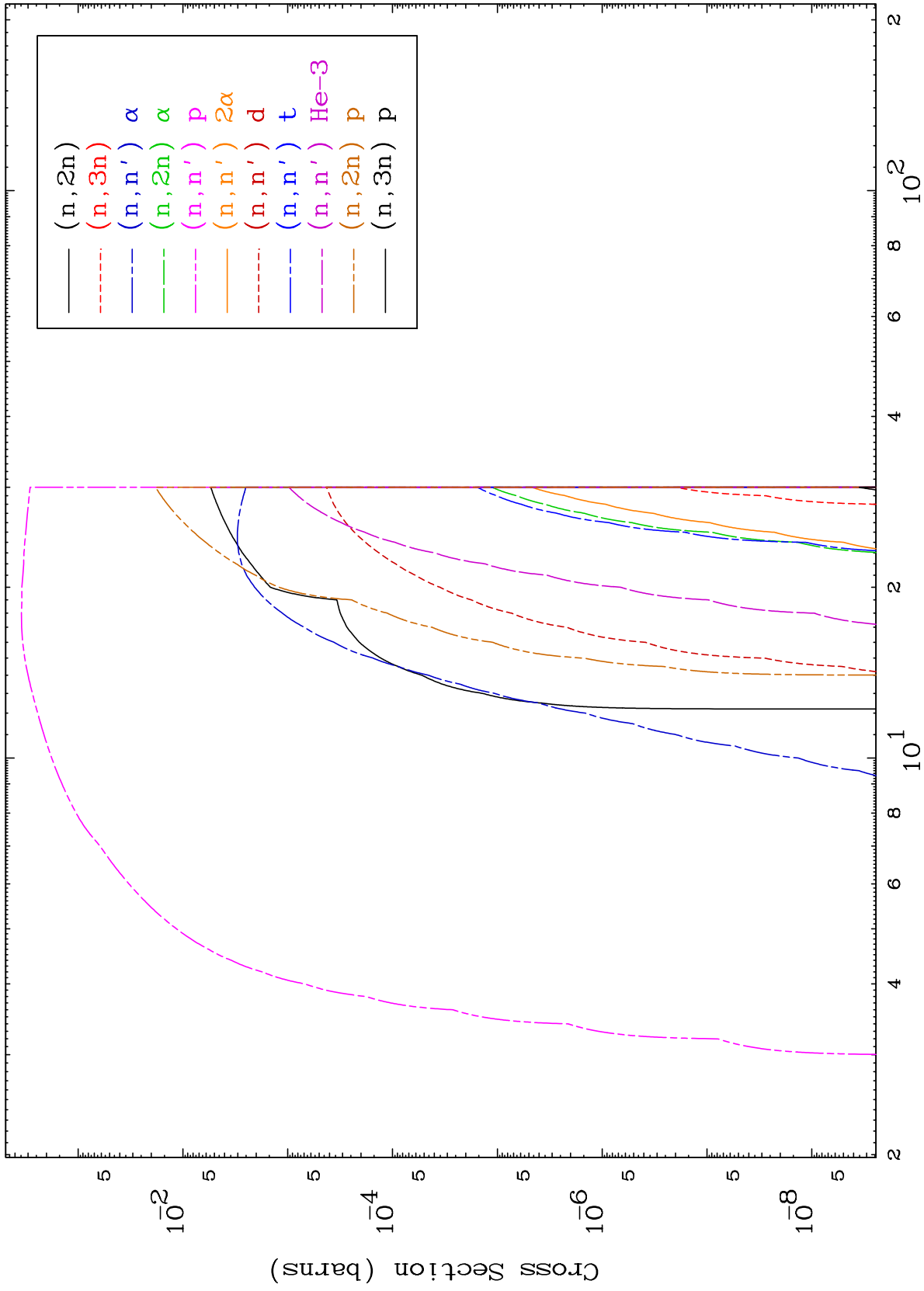
43-Tc-88



MAT 4292

### Neutron Production 293 Kelvin Cross Sections

43-Tc-88



2

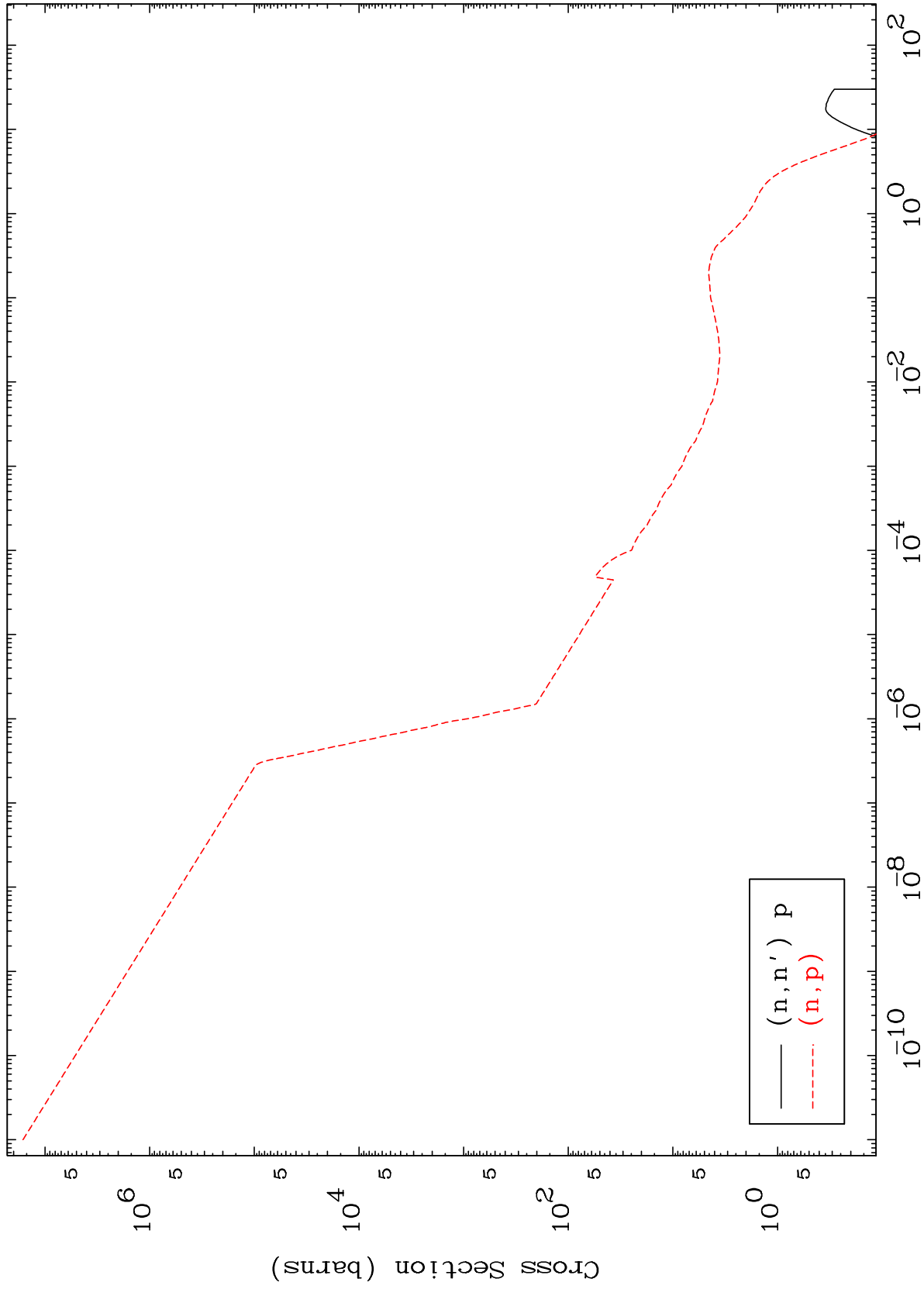
Incident Energy (MeV)

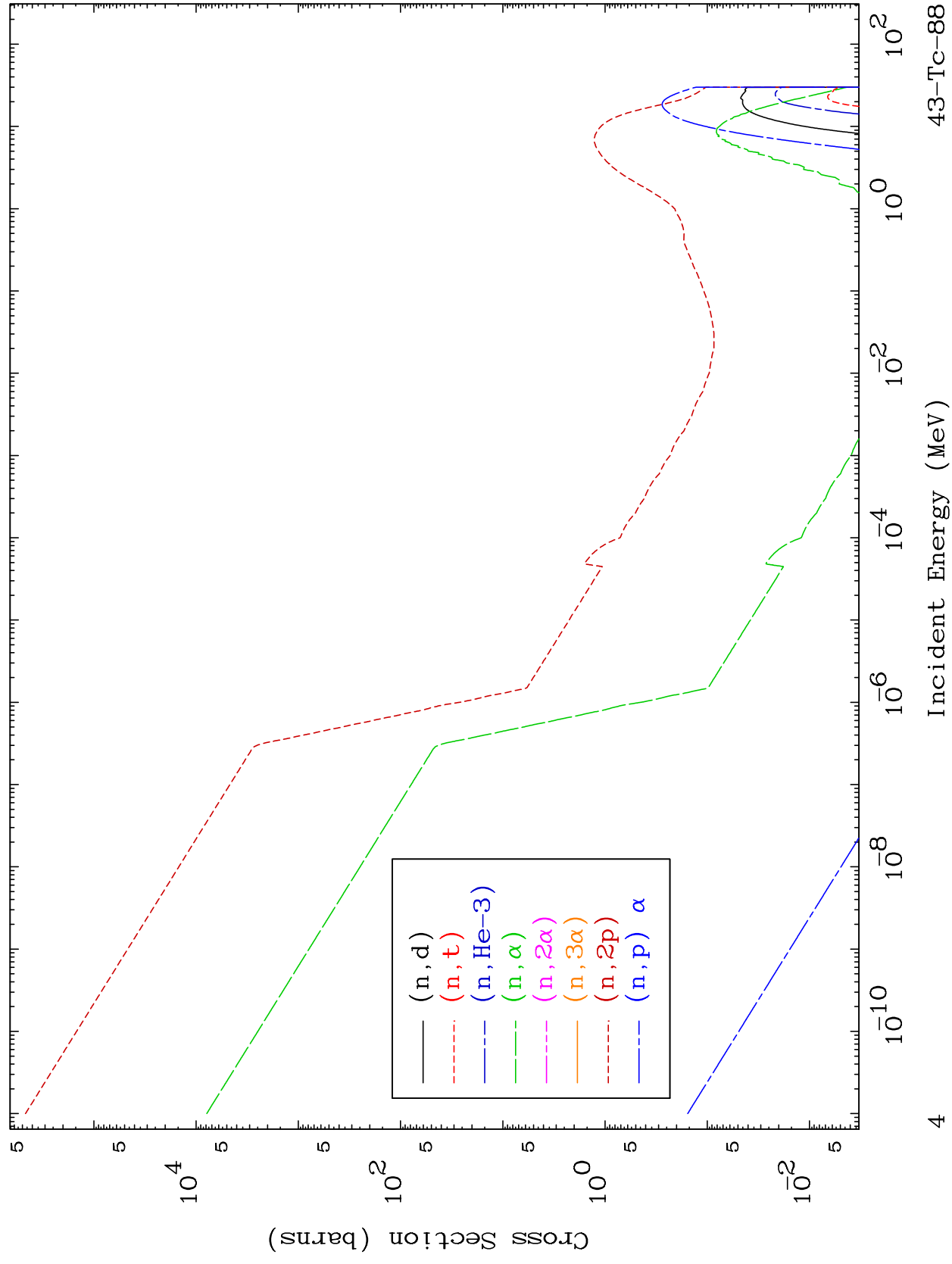
43-Tc-88

MAT 4292

Charged Particle  
293 Kelvin Cross Sections

43-Tc-88

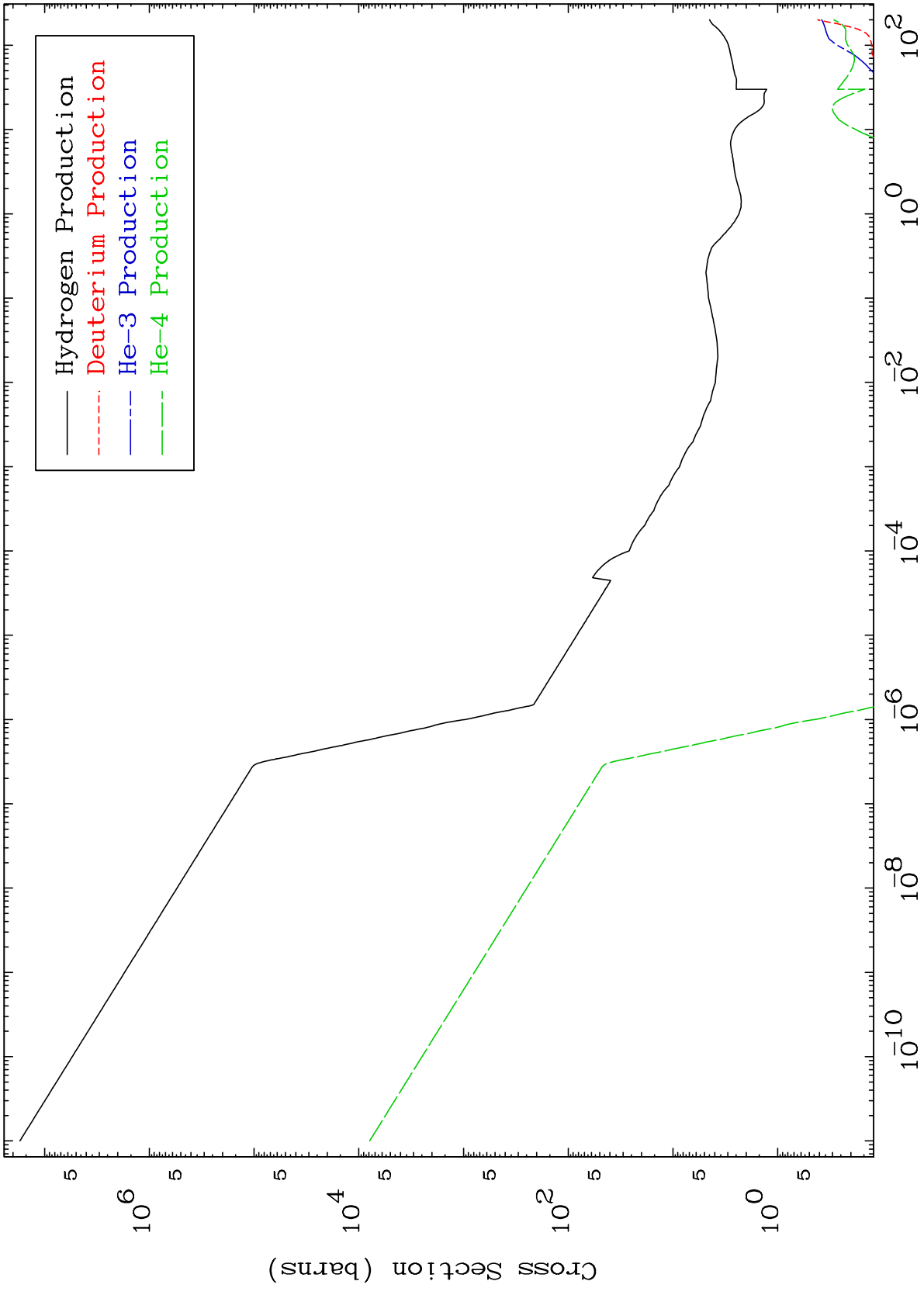




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Particle Production  
293 Kelvin Cross Sections

43-Tc-88



5

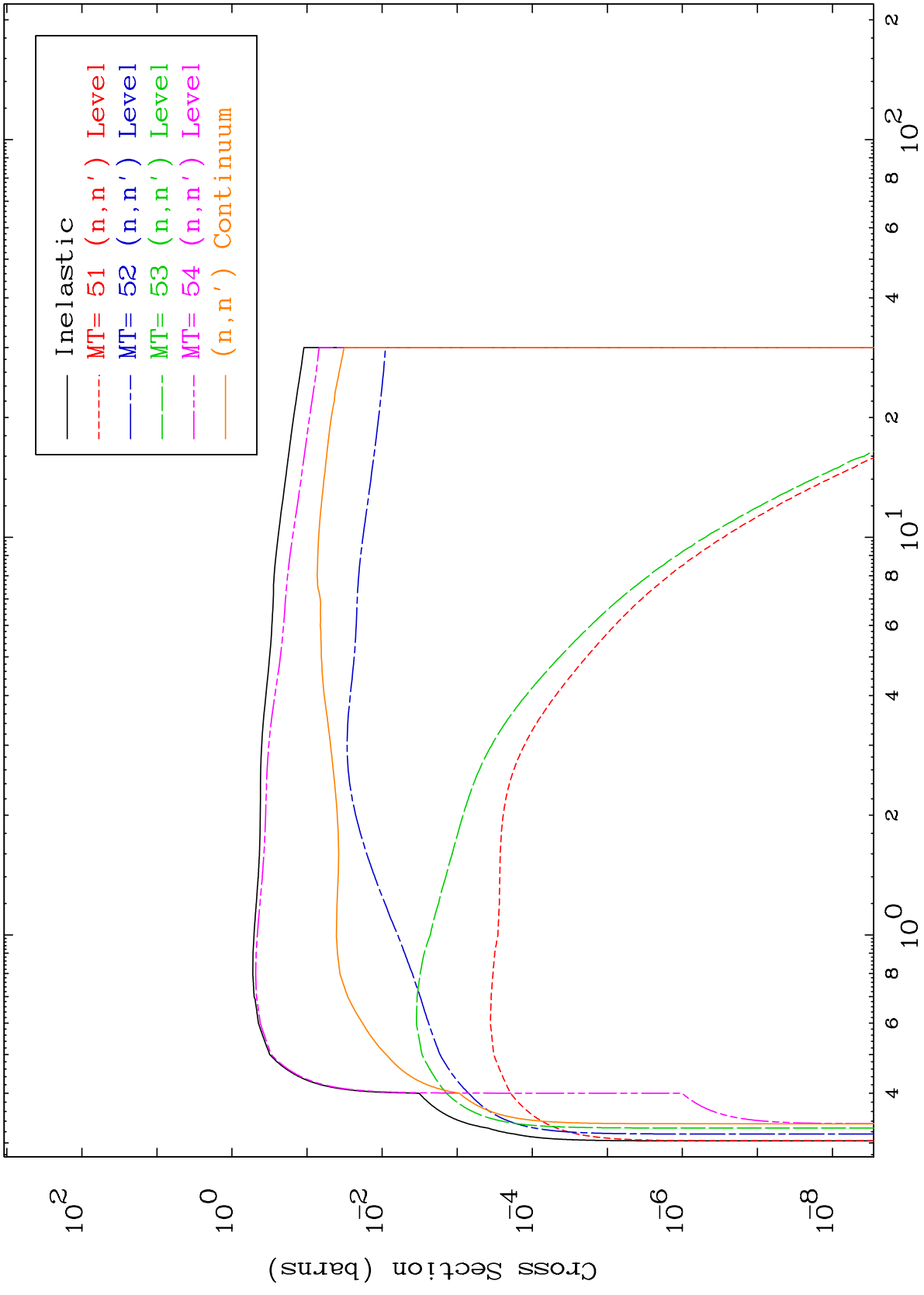
43-Tc-88

MAT 4292

(n,n') Level

43-Tc-88

293 Kelvin Cross Sections



6

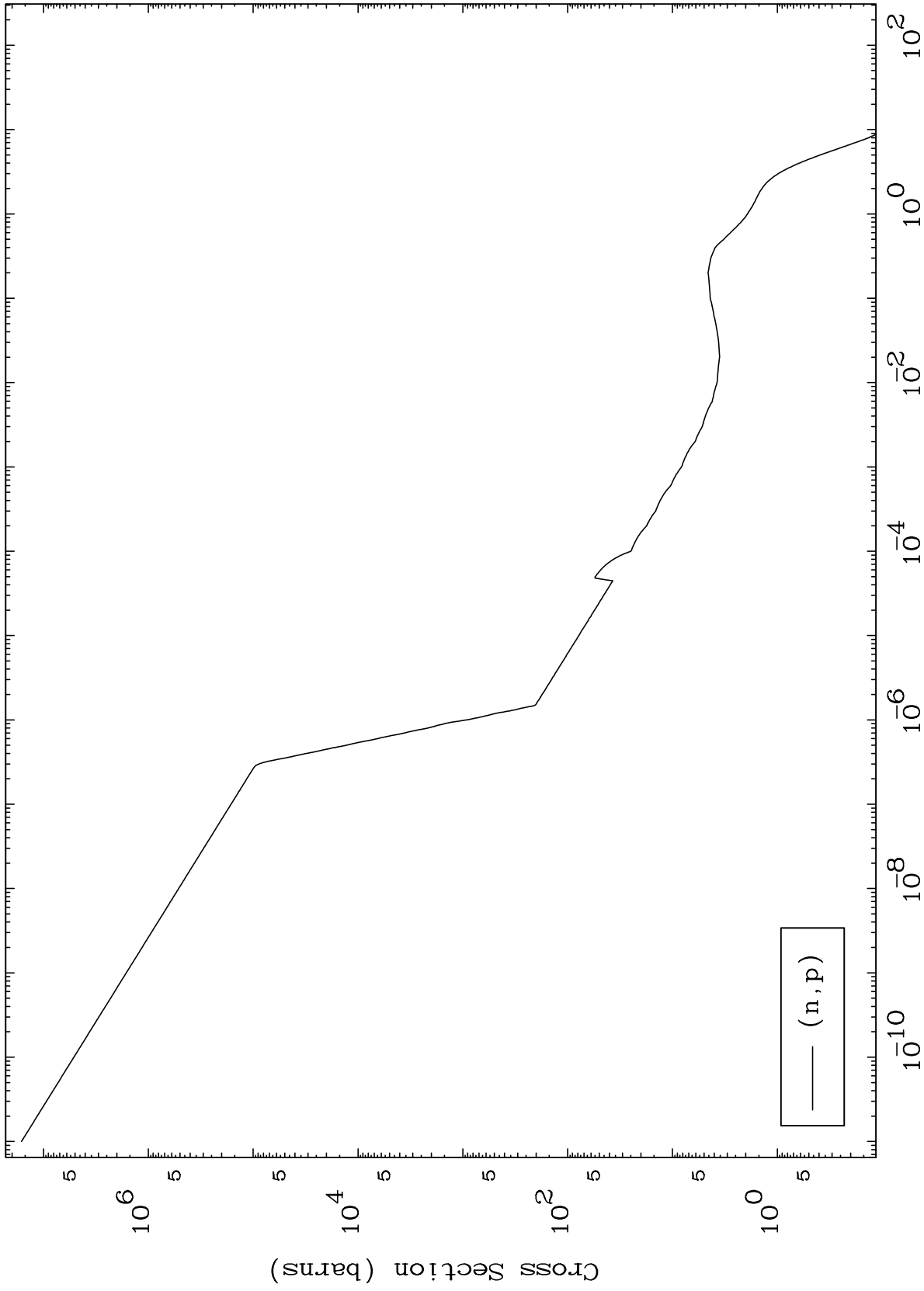
Incident Energy (MeV)

43-Tc-88

MAT 4292

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-88



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Incident Energy (MeV)

43-Tc-88

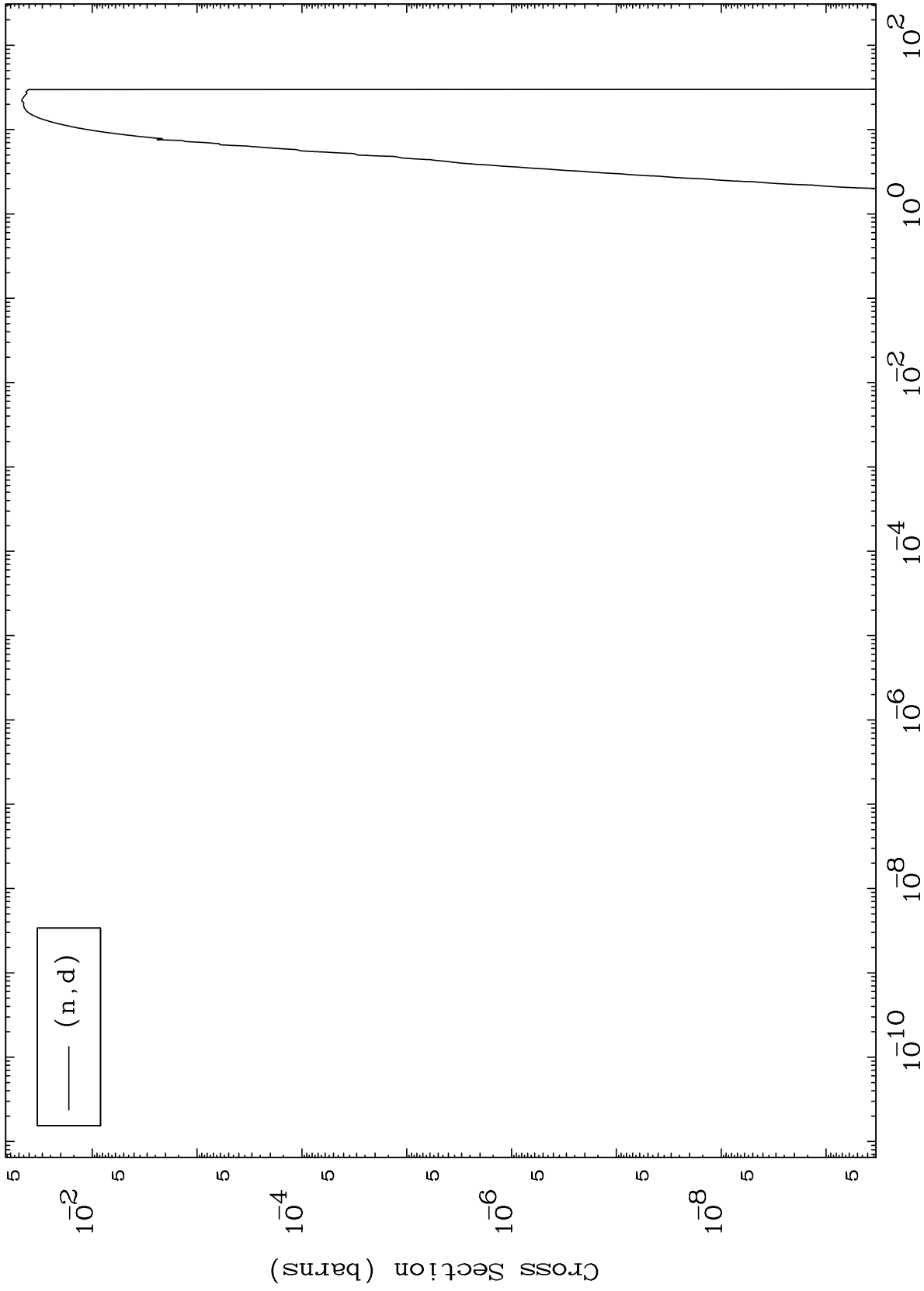
— (n, p)



MAT 4292

(n,d) Levels  
293 Kelvin Cross Sections

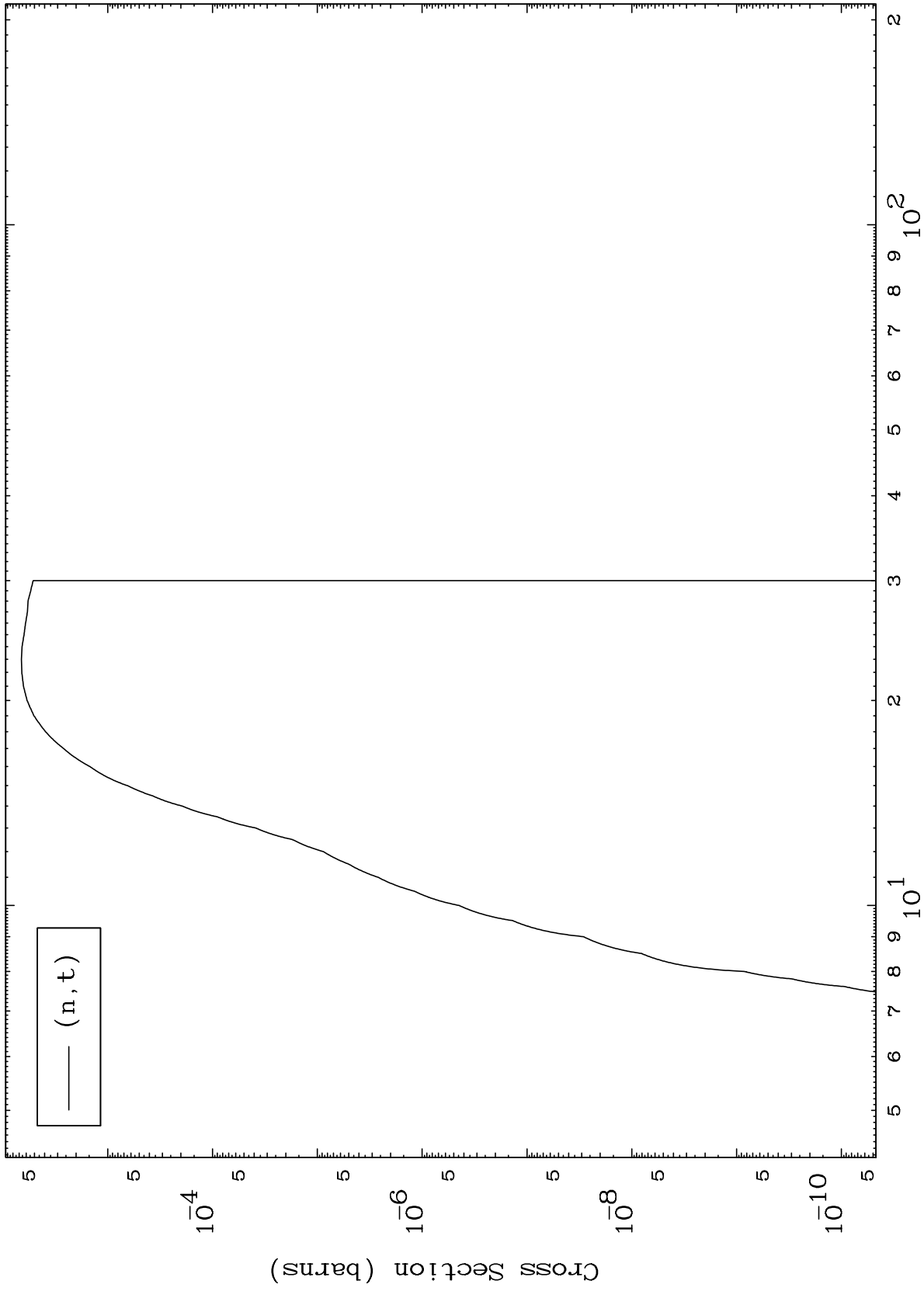
43-Tc-88



MAT 4292

(n,t) Levels  
293 Kelvin Cross Sections

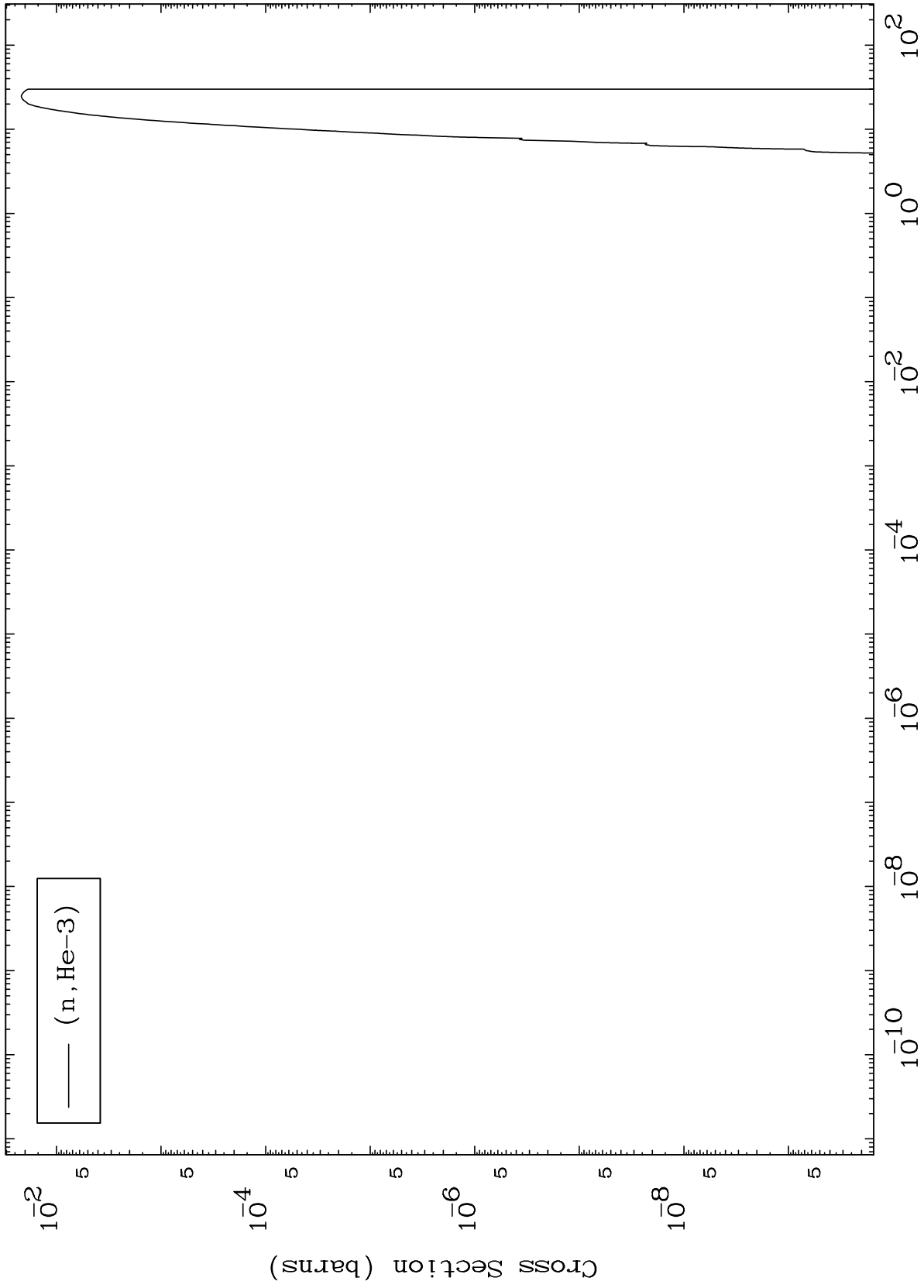
43-Tc-88



MAT 4292

(n,He3) Levels  
293 Kelvin Cross Sections

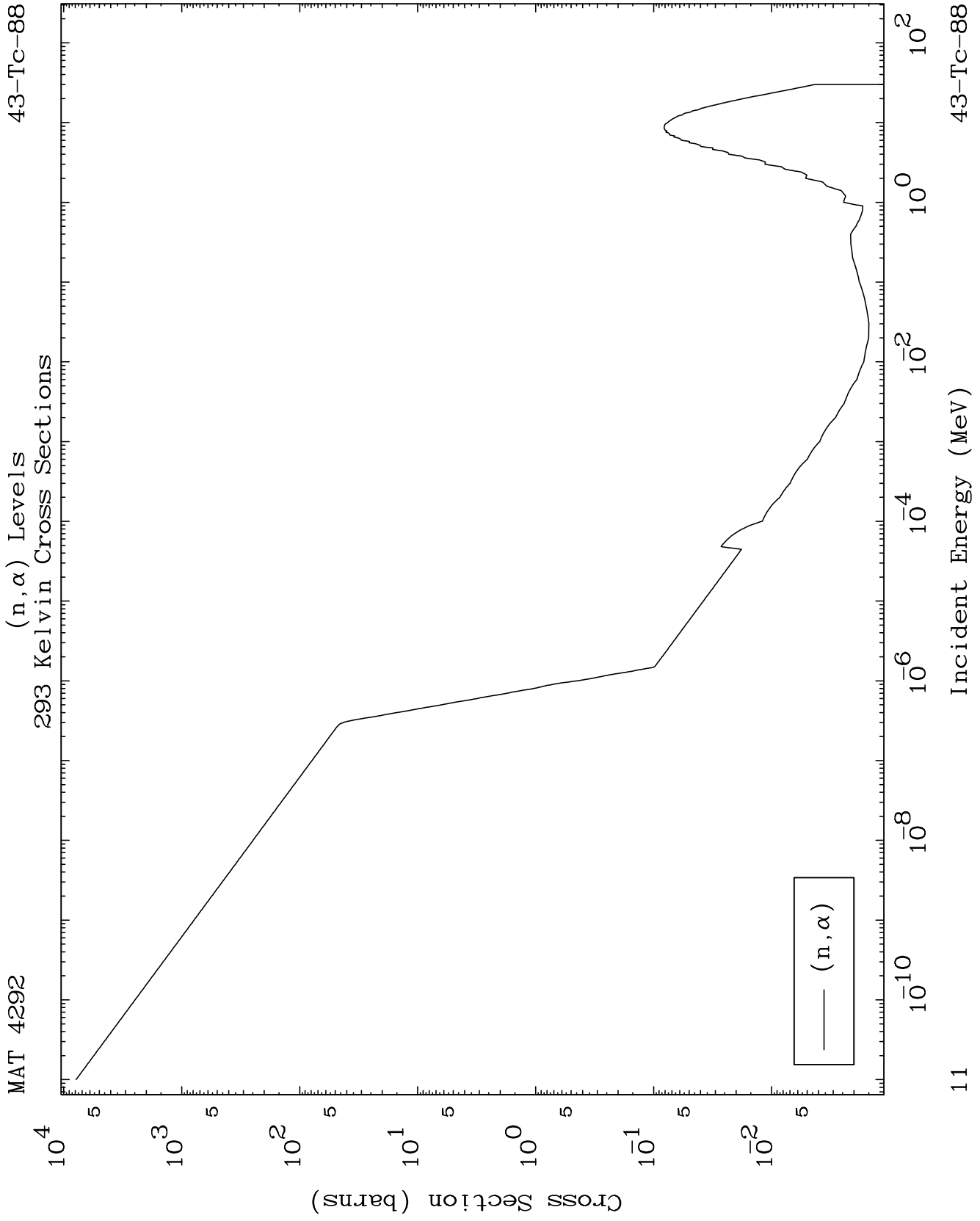
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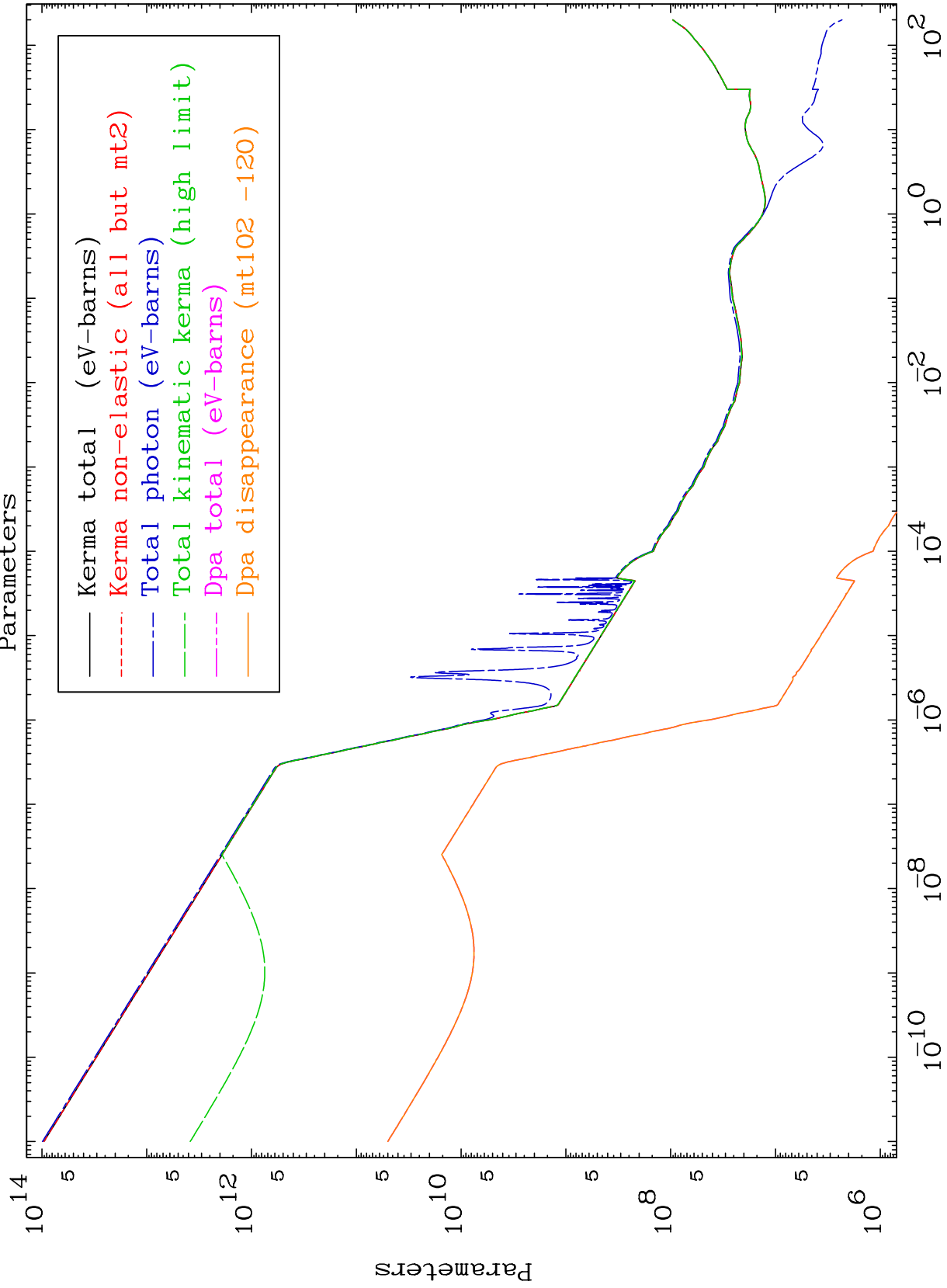


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Incident Energy (MeV)

43-Tc-88

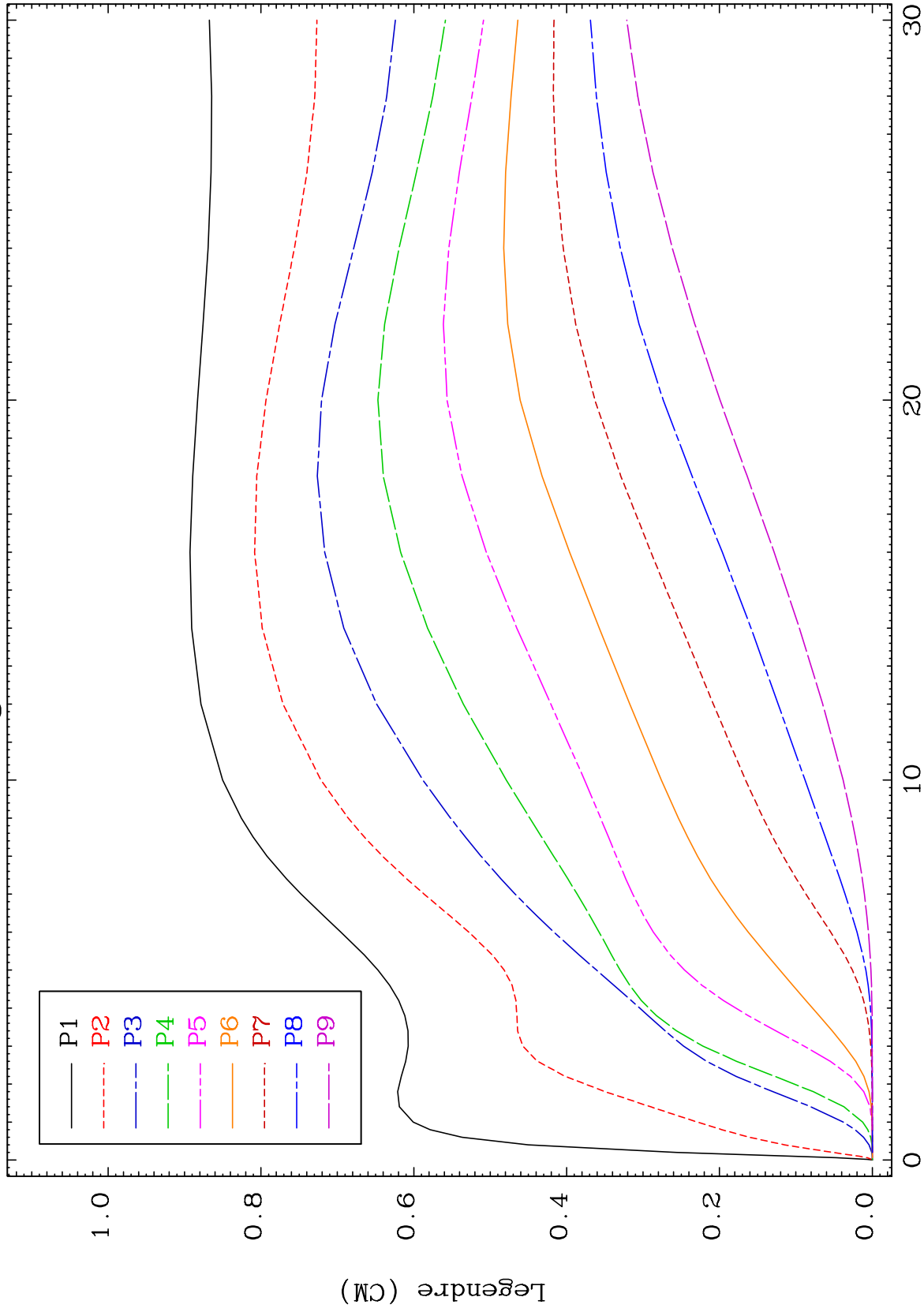




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Elastic Legendre Coefficients

43-Tc-88



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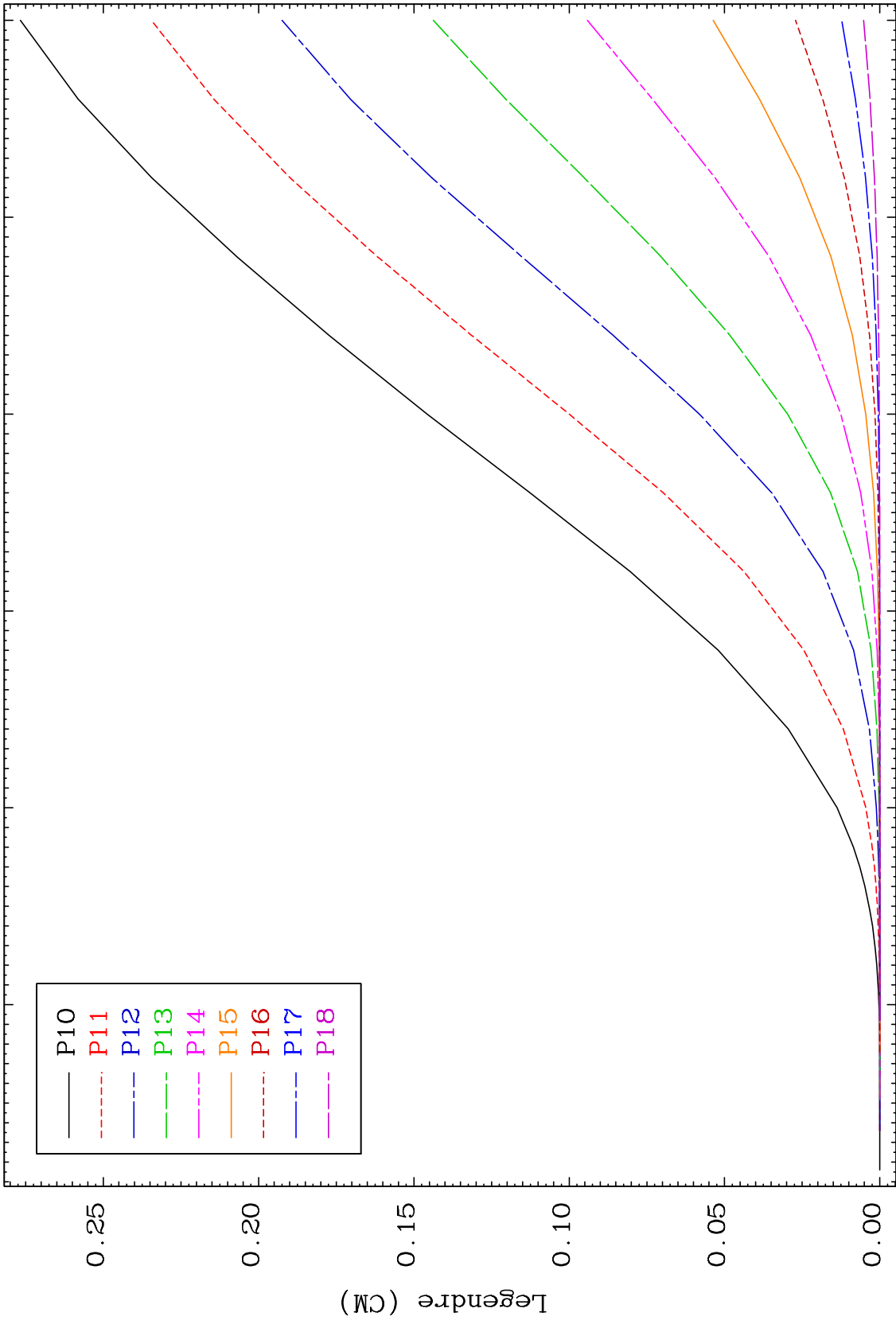
Incident Energy (MeV)

43-Tc-88

MAT 4292

Elastic Legendre Coefficients

43-Tc-88



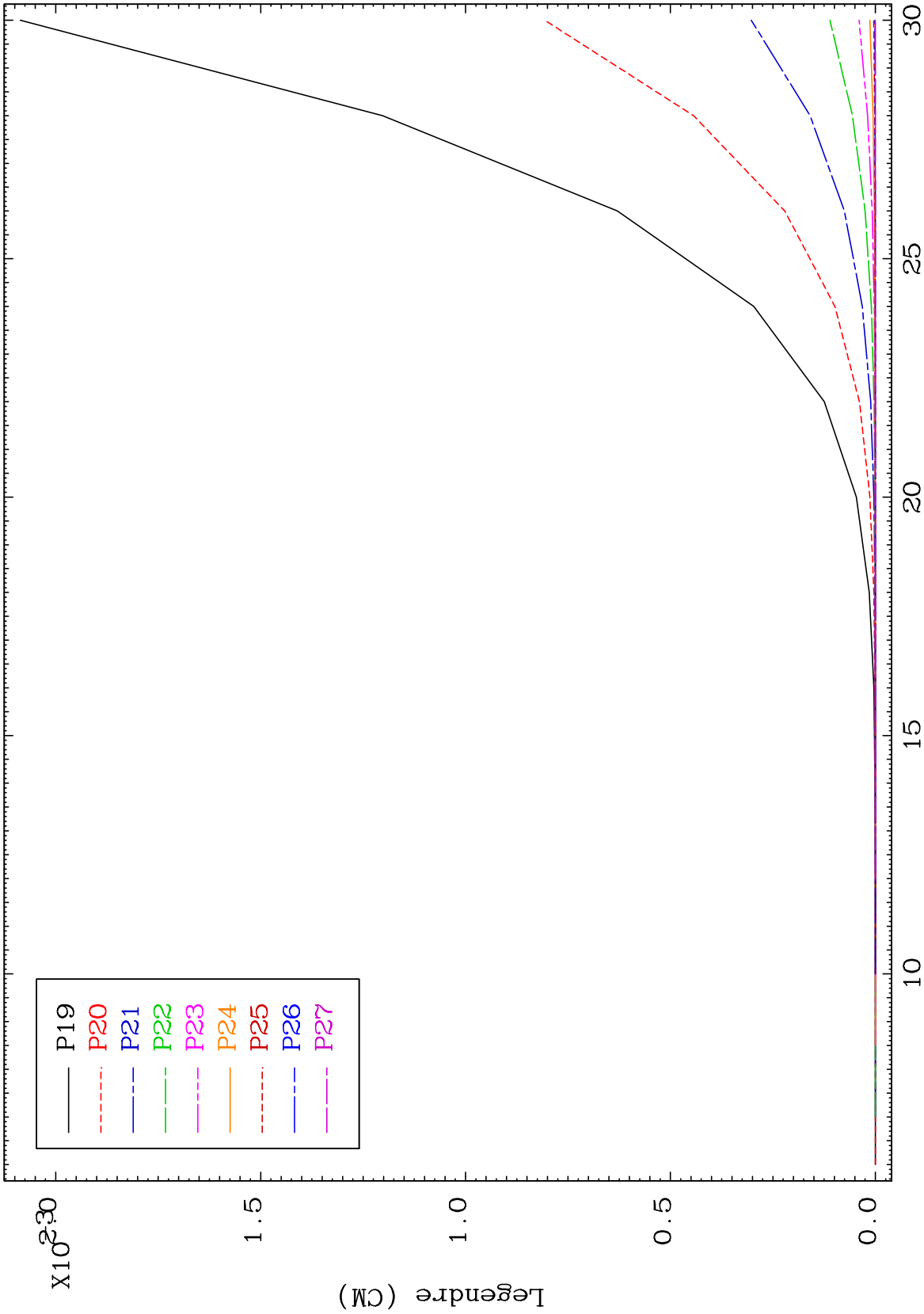
14

43-Tc-88

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### Elastic Legendre Coefficients

43-Tc-88



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Incident Energy (MeV)

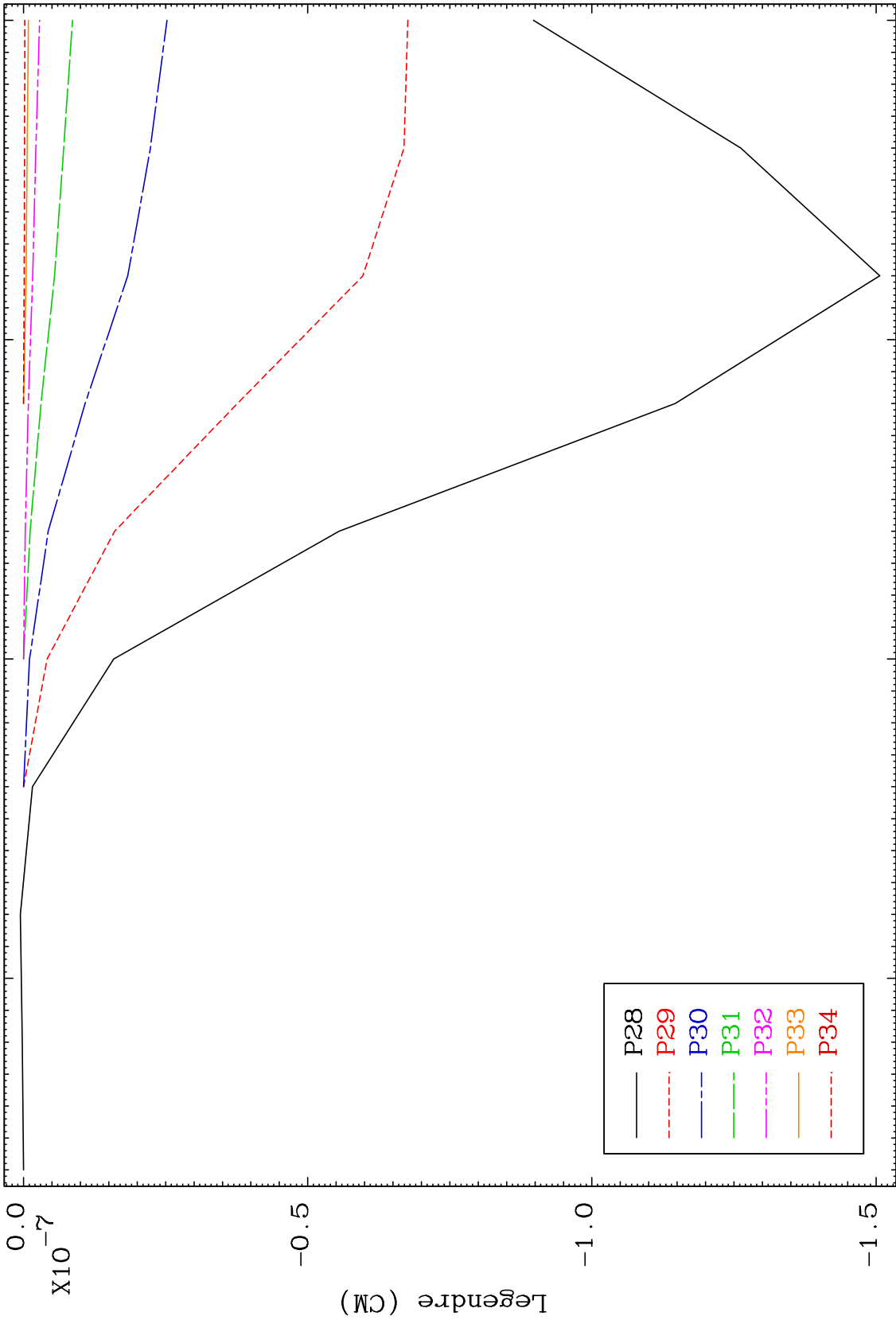
43-Tc-88



MAT 4292

43-Tc-88

Elastic Legendre Coefficients



16

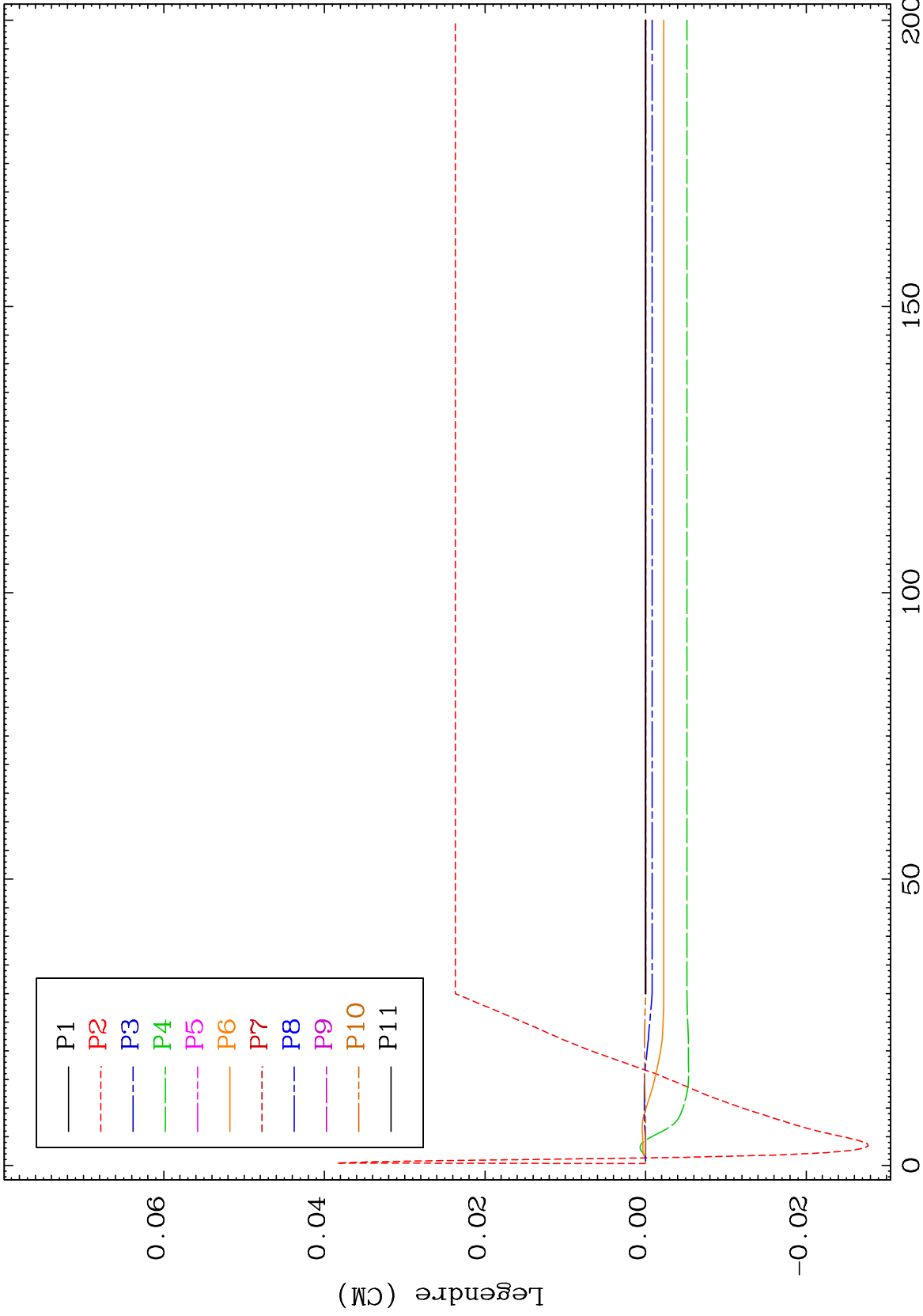
Incident Energy (MeV)

43-Tc-88

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

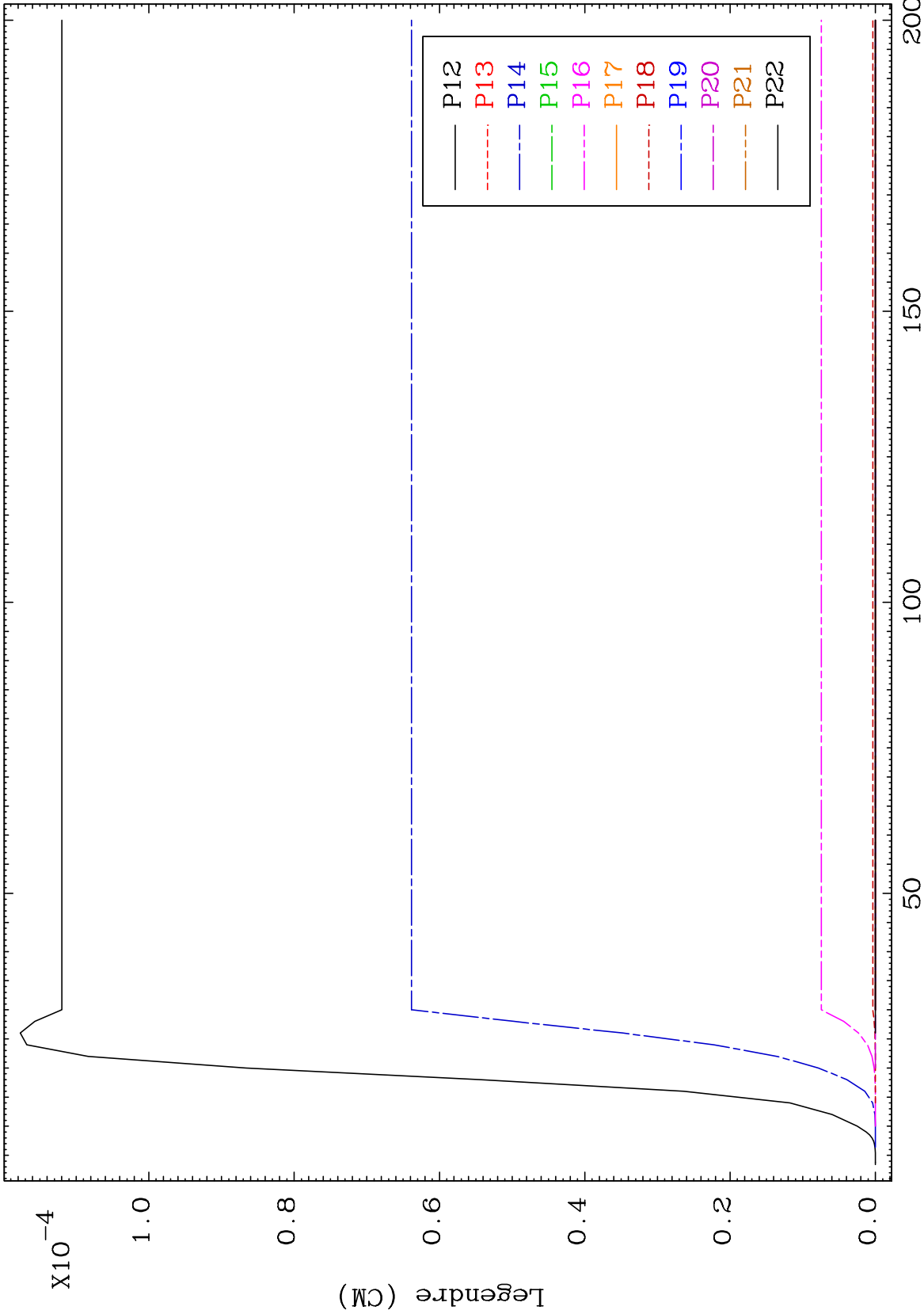
43-Tc-88



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Incident Energy (MeV)

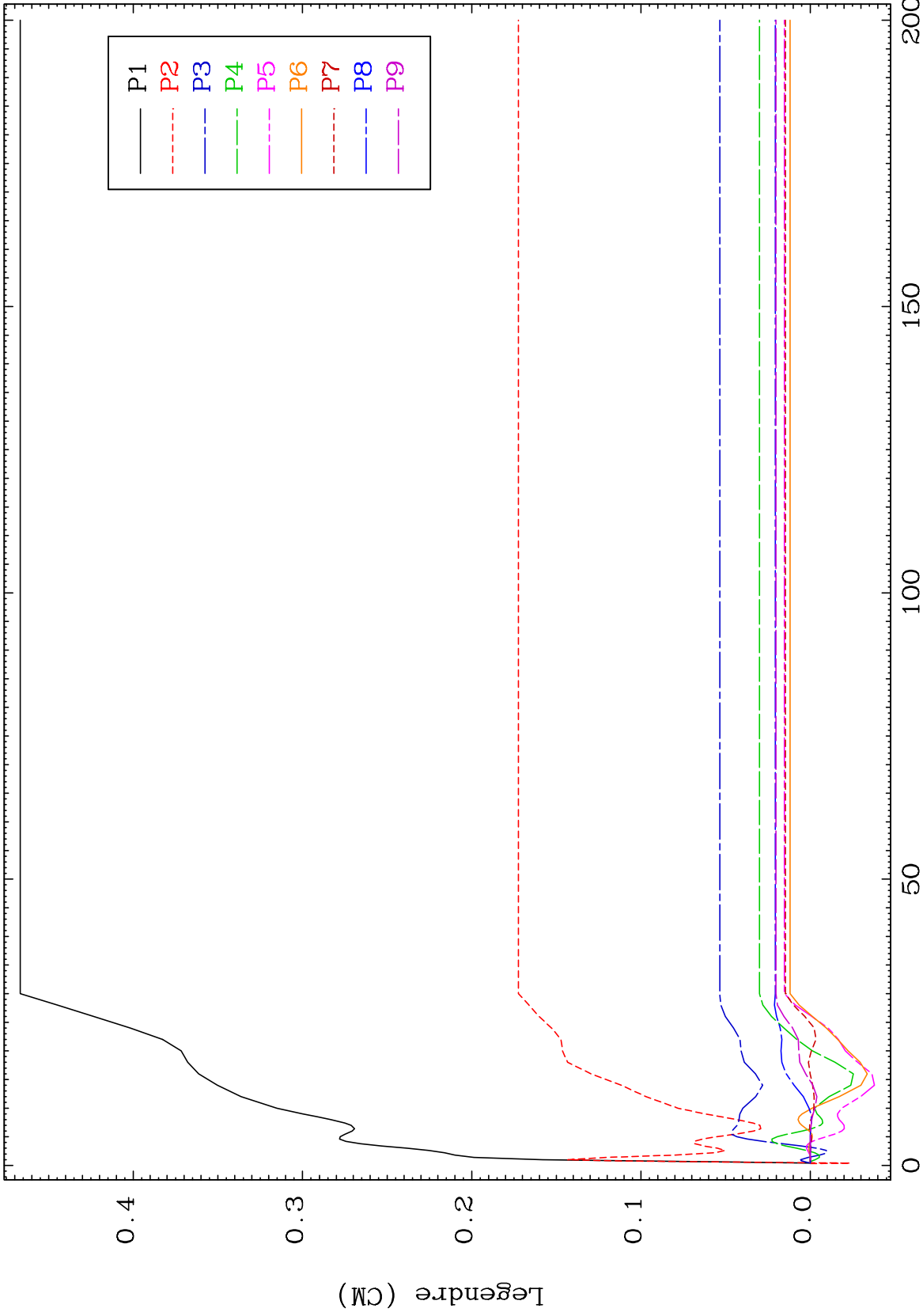
43-Tc-88



MAT 4292

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

43-Tc-88



19

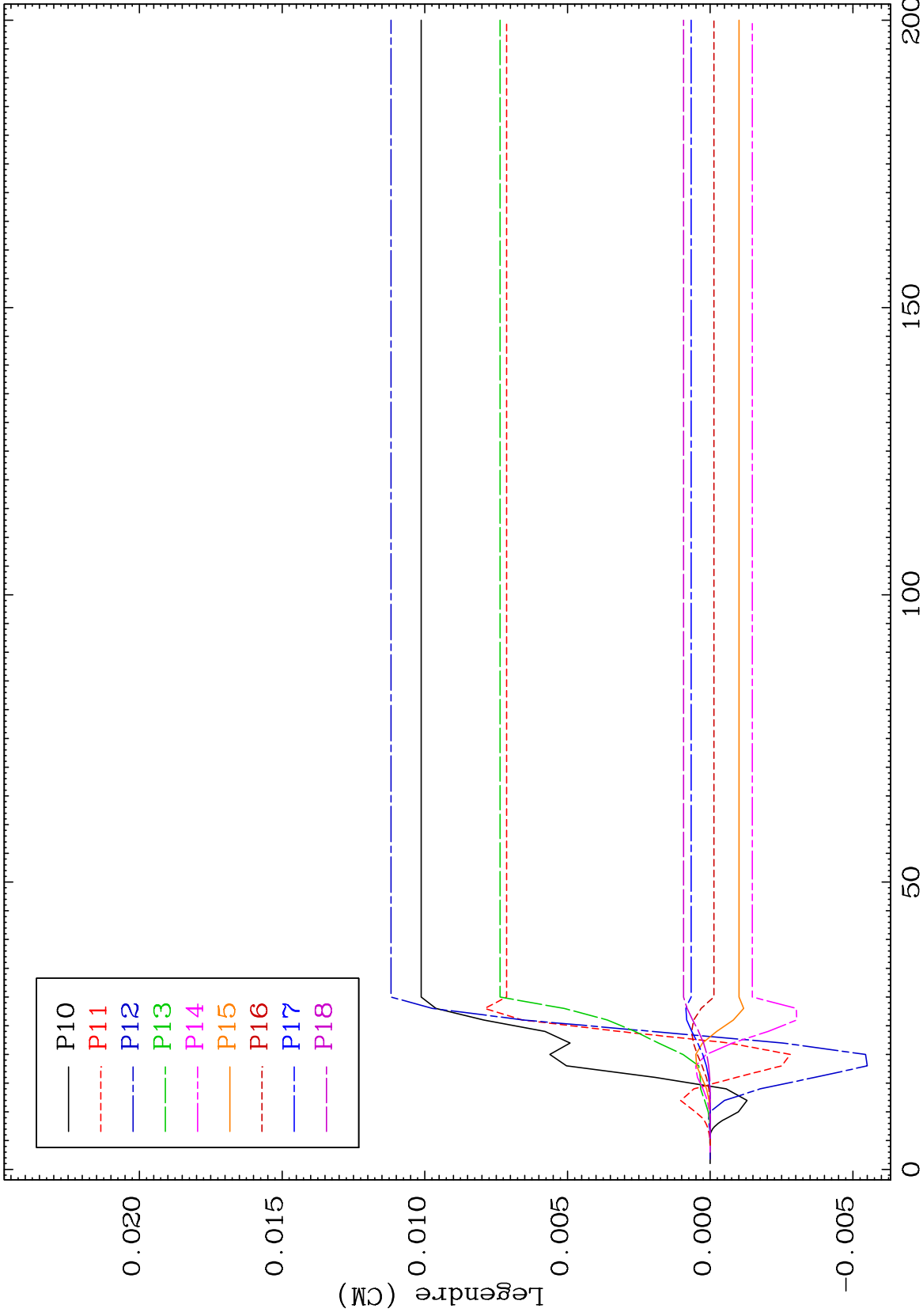
Incident Energy (MeV)

43-Tc-88

MAT 4292

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

43-Tc-88



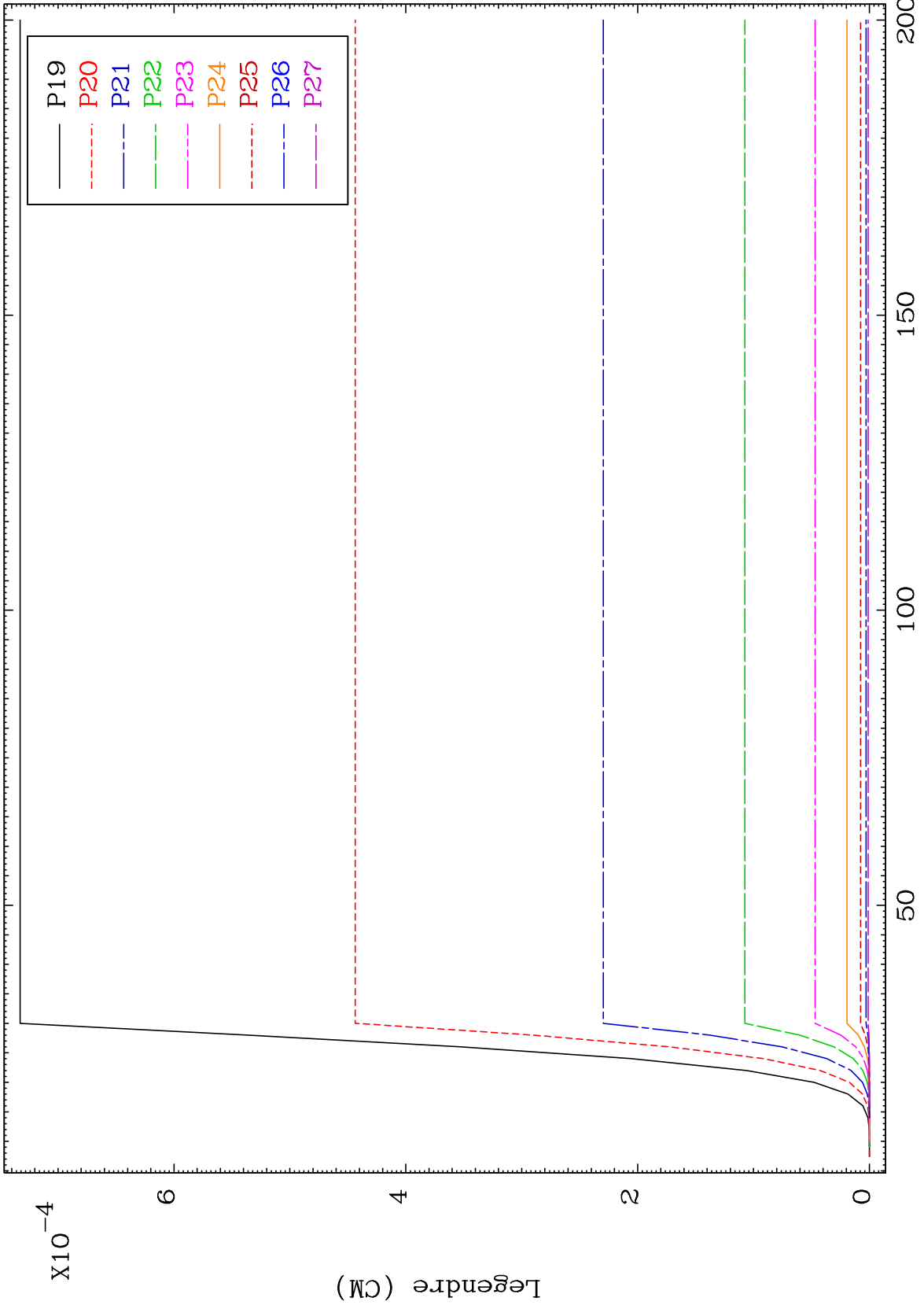
43-Tc-88

Incident Energy (MeV)

MAT 4292

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

43-Tc-88



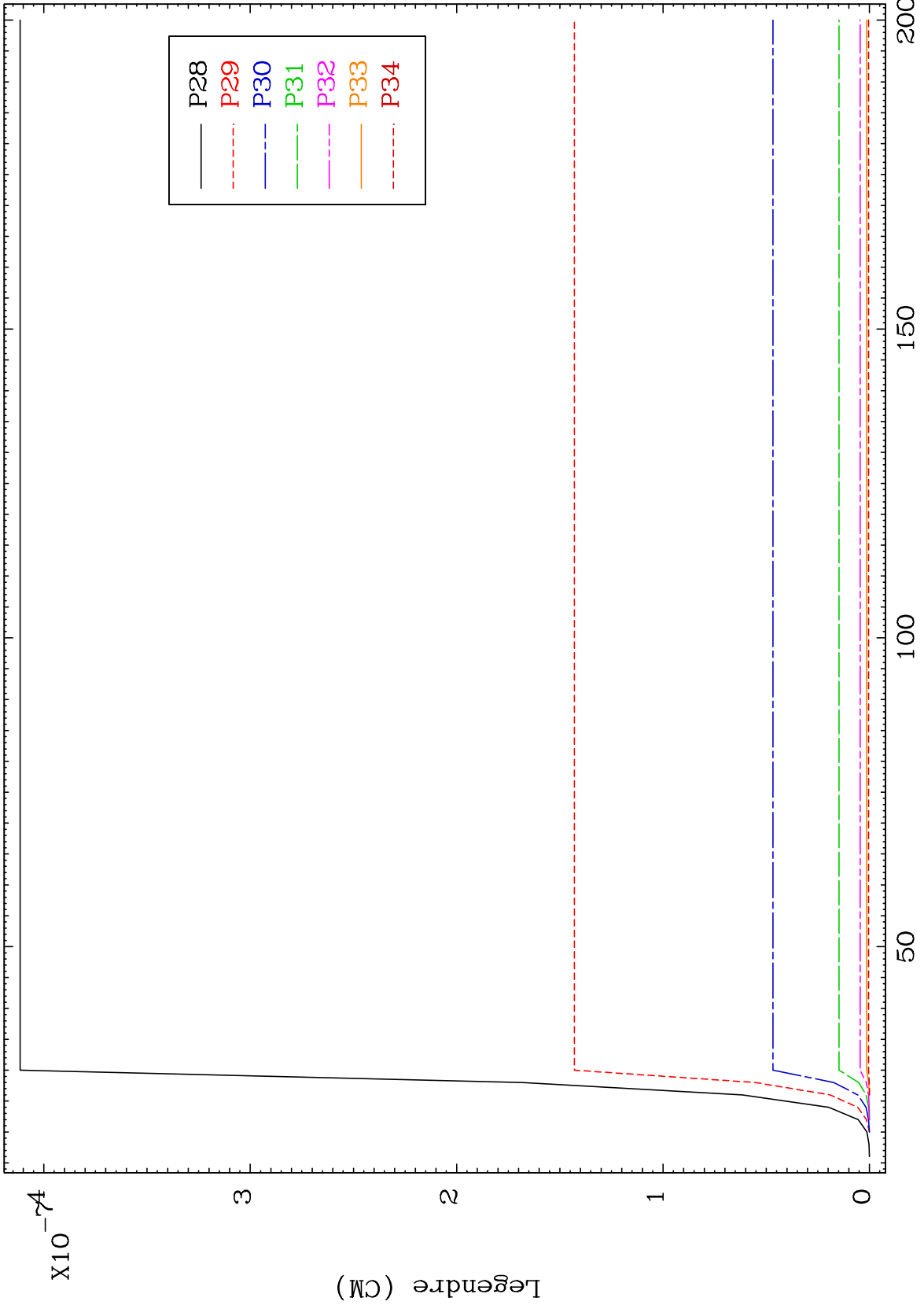
21

43-Tc-88

MAT 4292

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

43-Tc-88



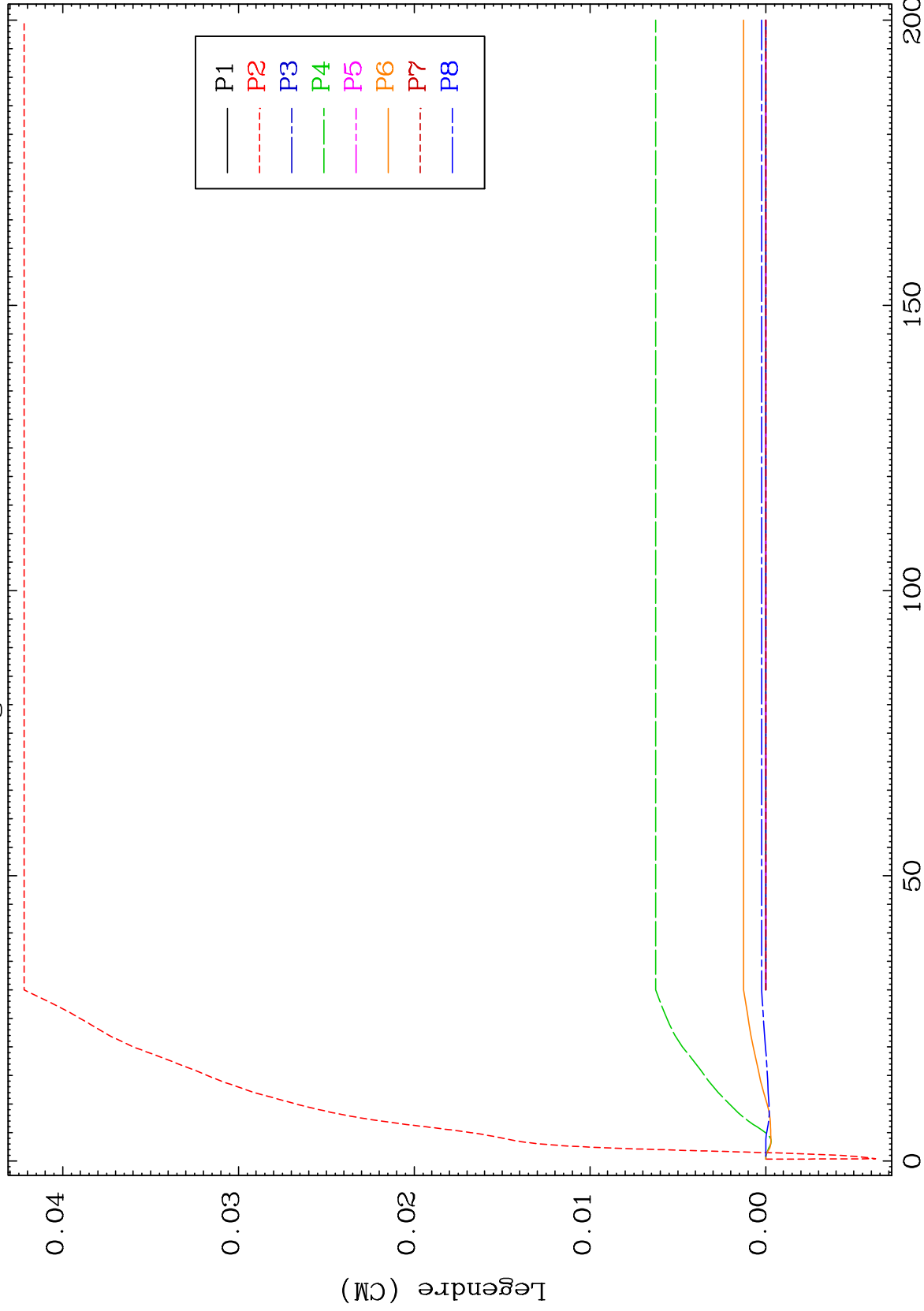
22

43-Tc-88

MAT 4292

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

43-Tc-88



23

Incident Energy (MeV)

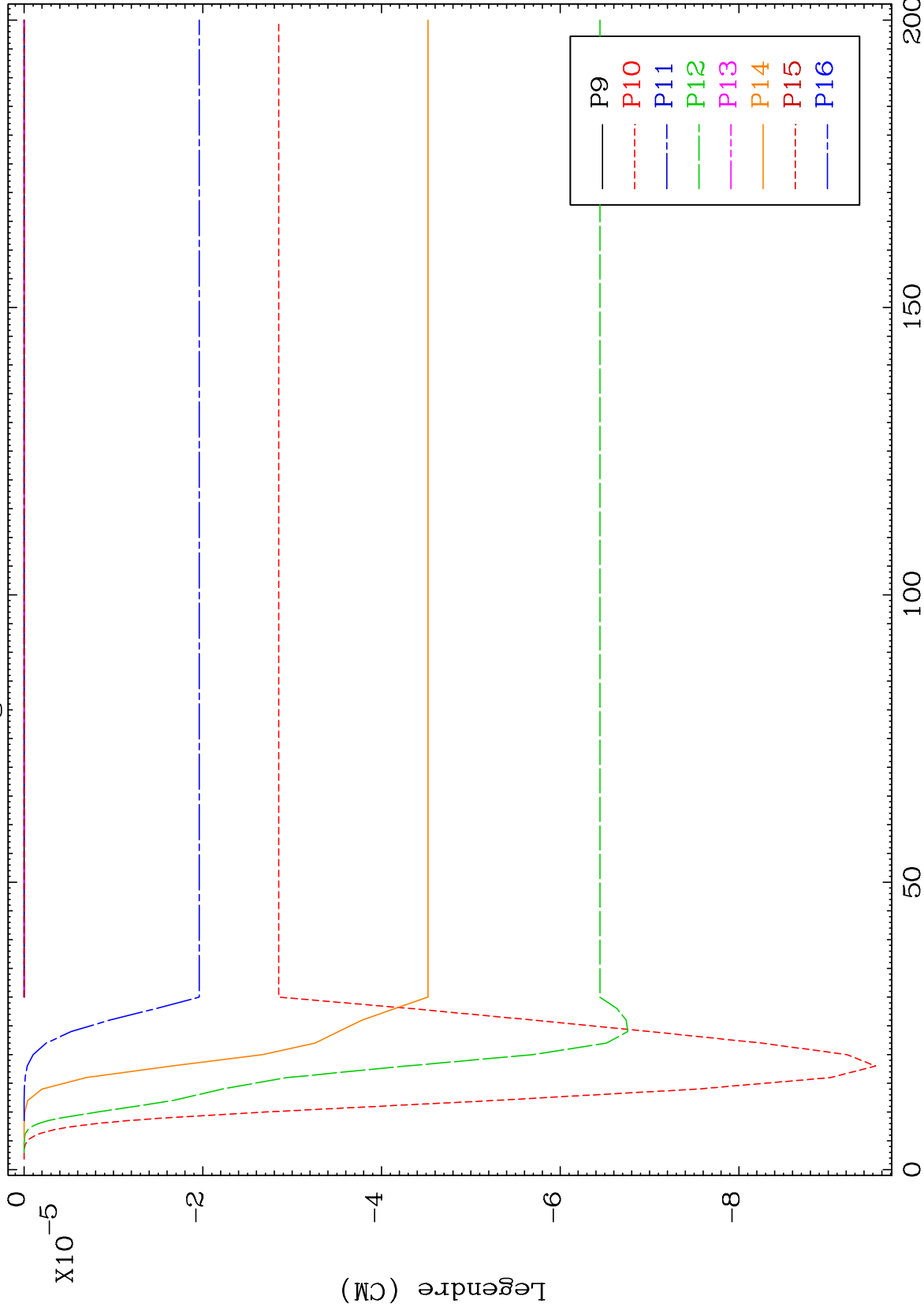
43-Tc-88



MAT 4292

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

43-Tc-88



24

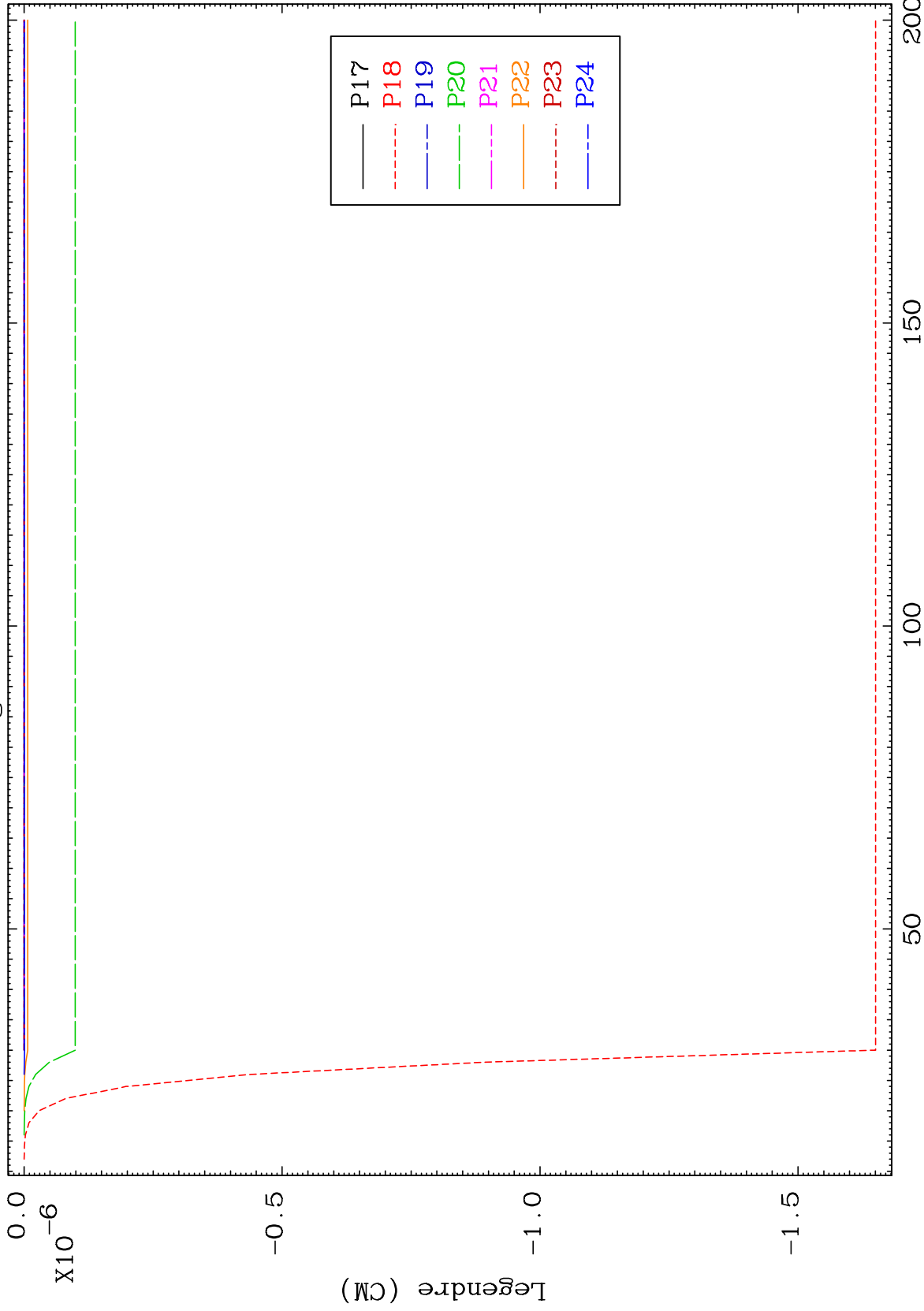
Incident Energy (MeV)

43-Tc-88

MAT 4292

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

43-Tc-88



25

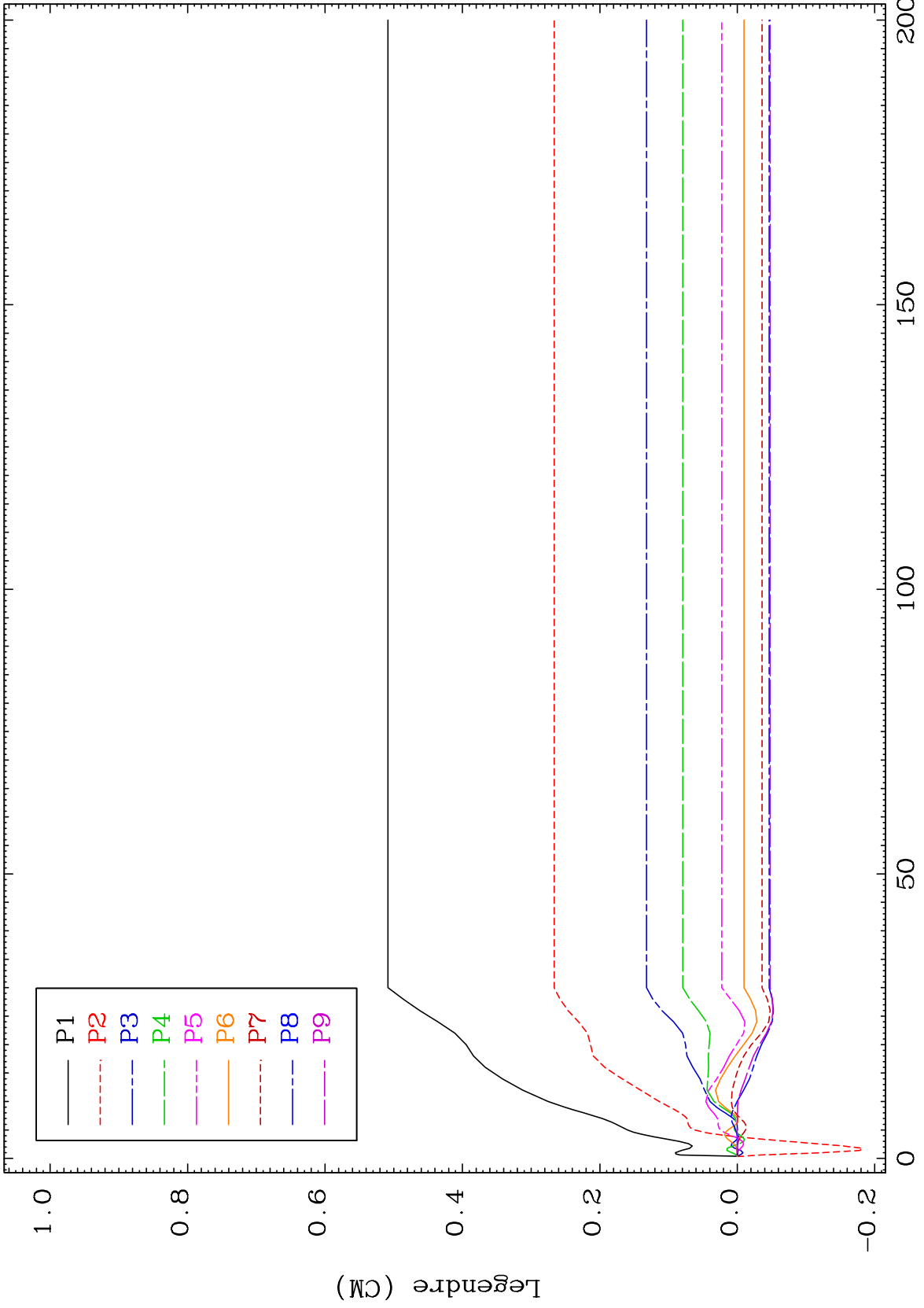
Incident Energy (MeV)

43-Tc-88

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MT= 54 (n,n') Level  
Legendre Coefficients

43-Tc-88



26

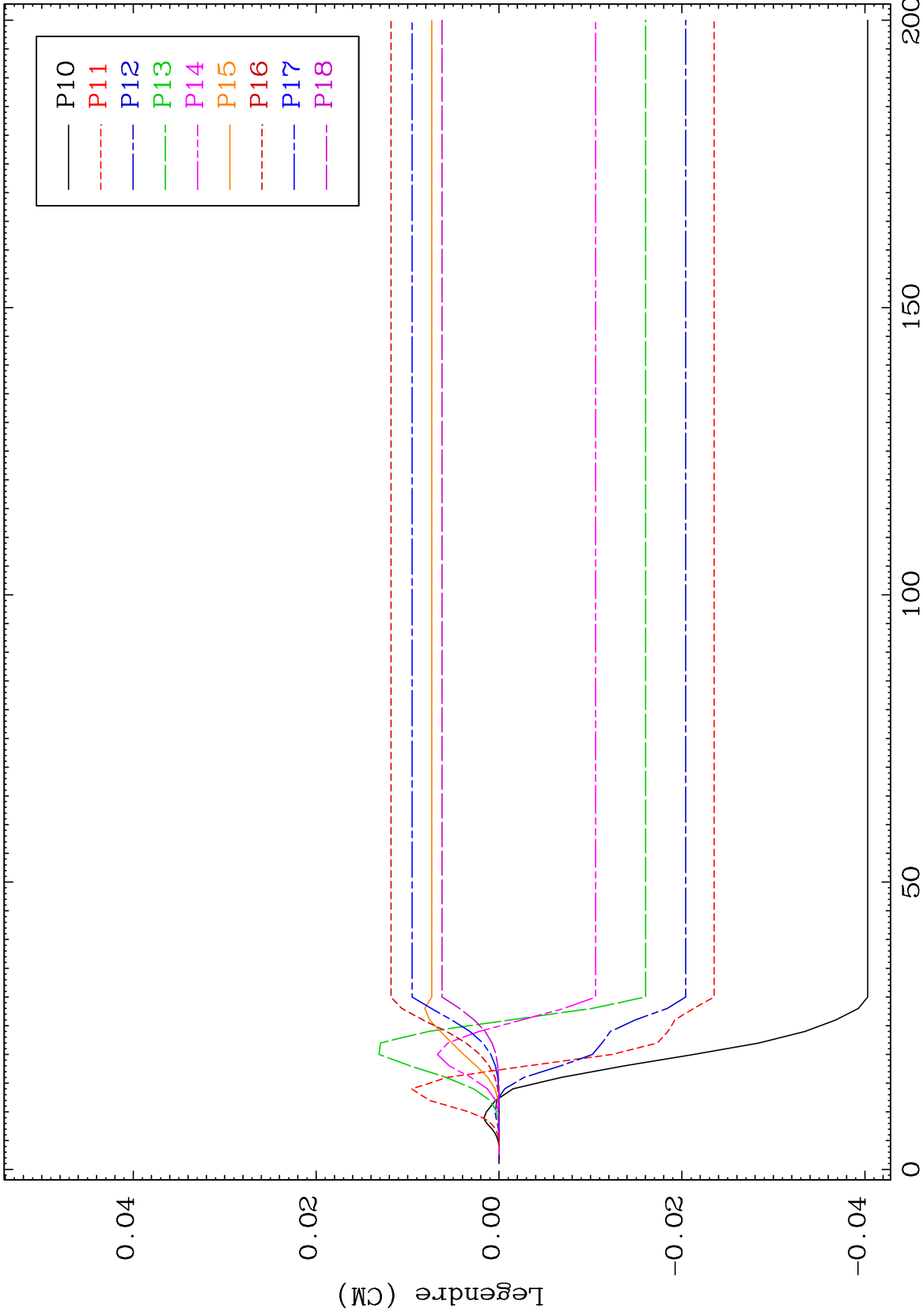
Incident Energy (MeV)

43-Tc-88

MAT 4292

MT= 54 (n,n') Level  
Legendre Coefficients

43-Tc-88



27

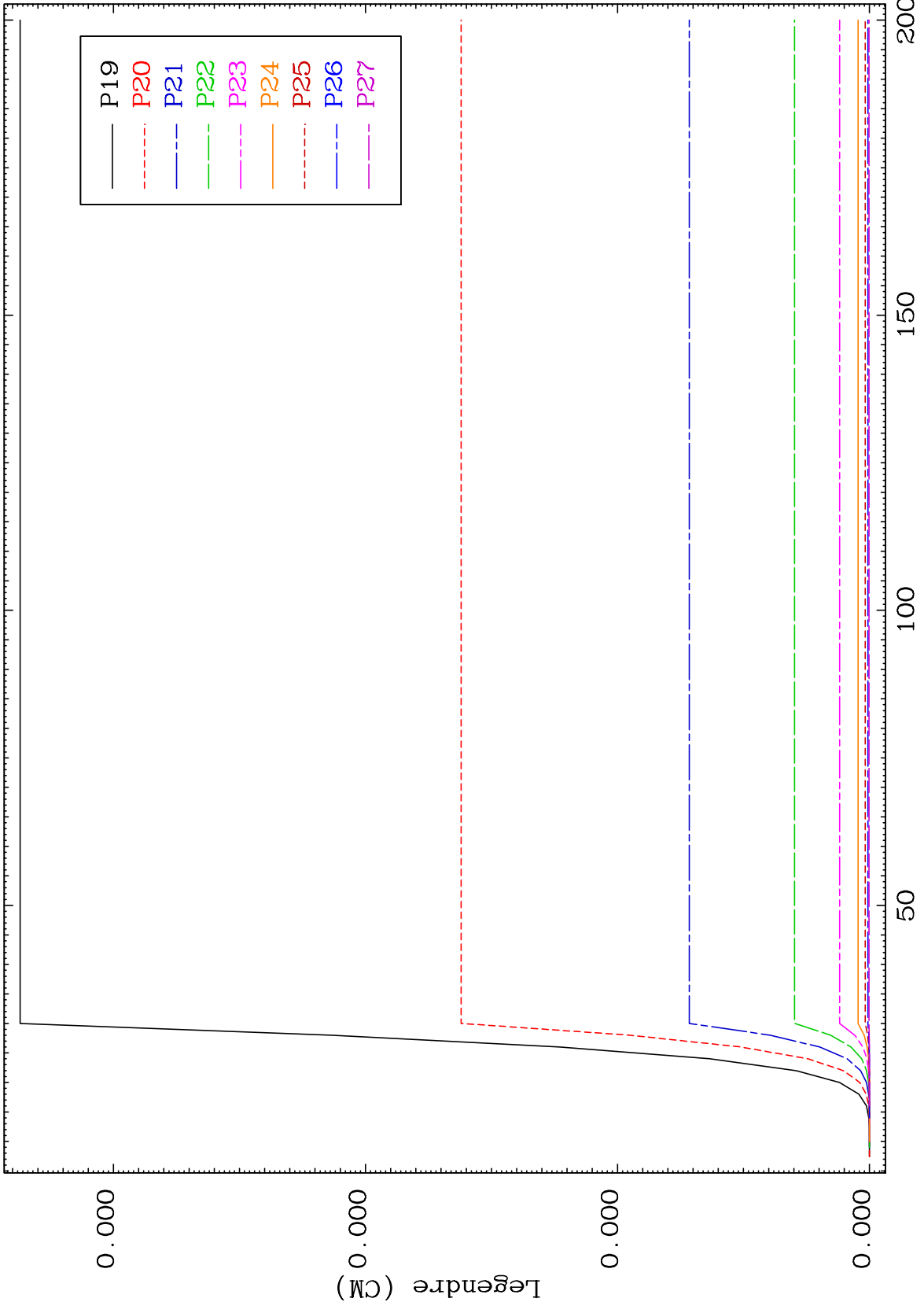
Incident Energy (MeV)

43-Tc-88

MAT 4292

MT= 54 (n,n') Level  
Legendre Coefficients

43-Tc-88



28

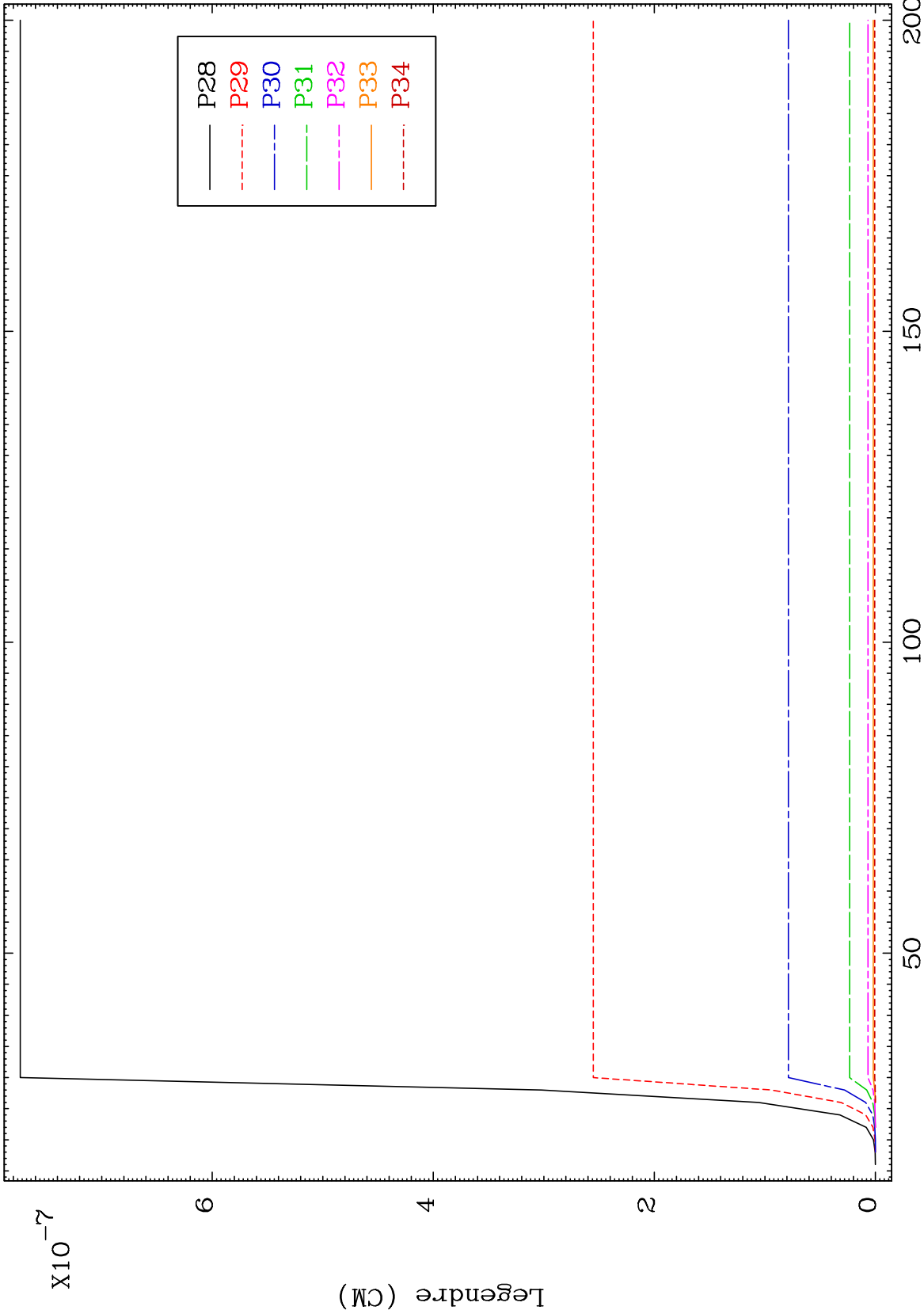
Incident Energy (MeV)

43-Tc-88

MAT 4292

MT= 54 (n,n') Level  
Legendre Coefficients

43-Tc-88



29

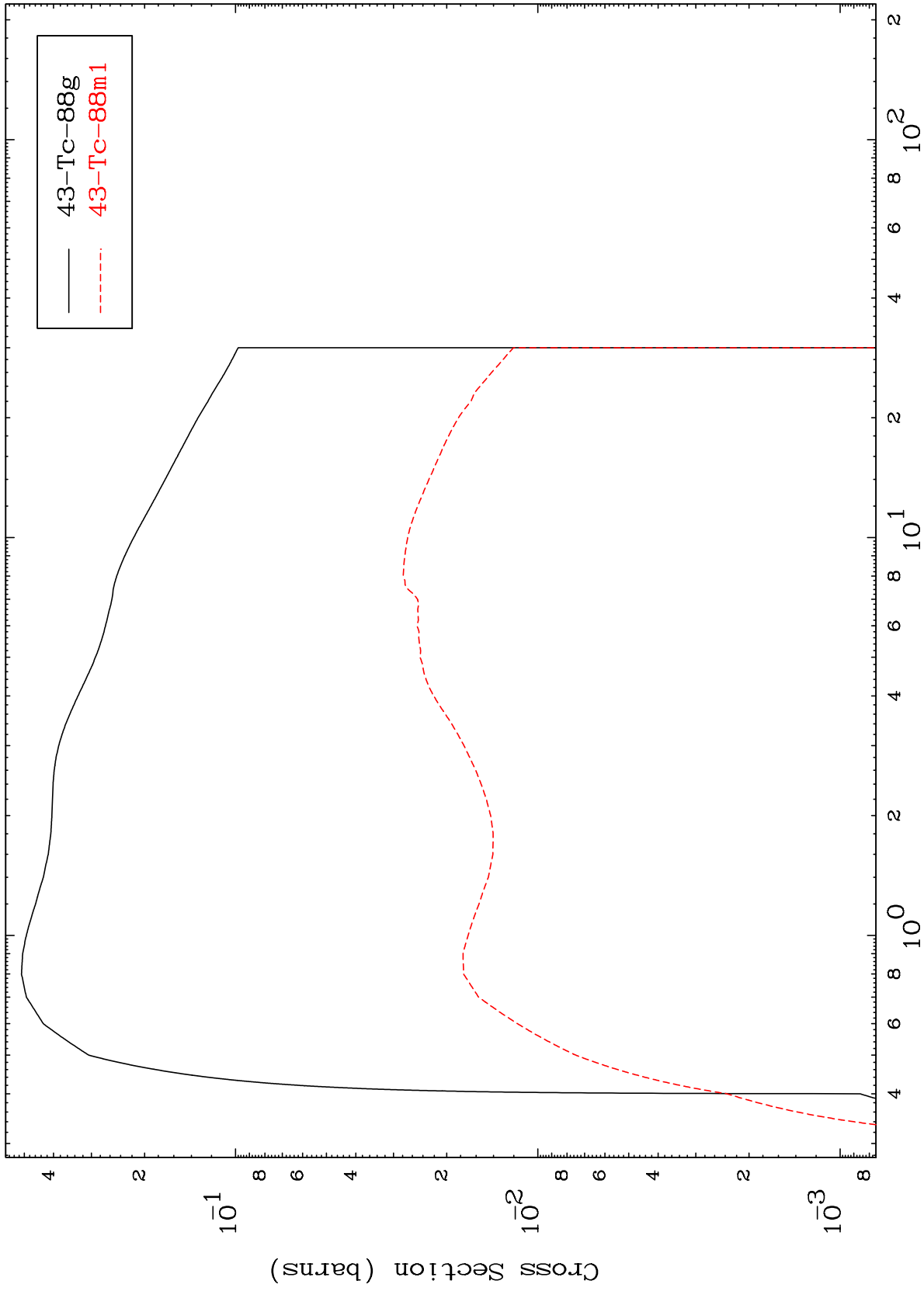
Incident Energy (MeV)

43-Tc-88

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43-Tc-88

Inelastic  
Radionuclide Production Cross Section



30

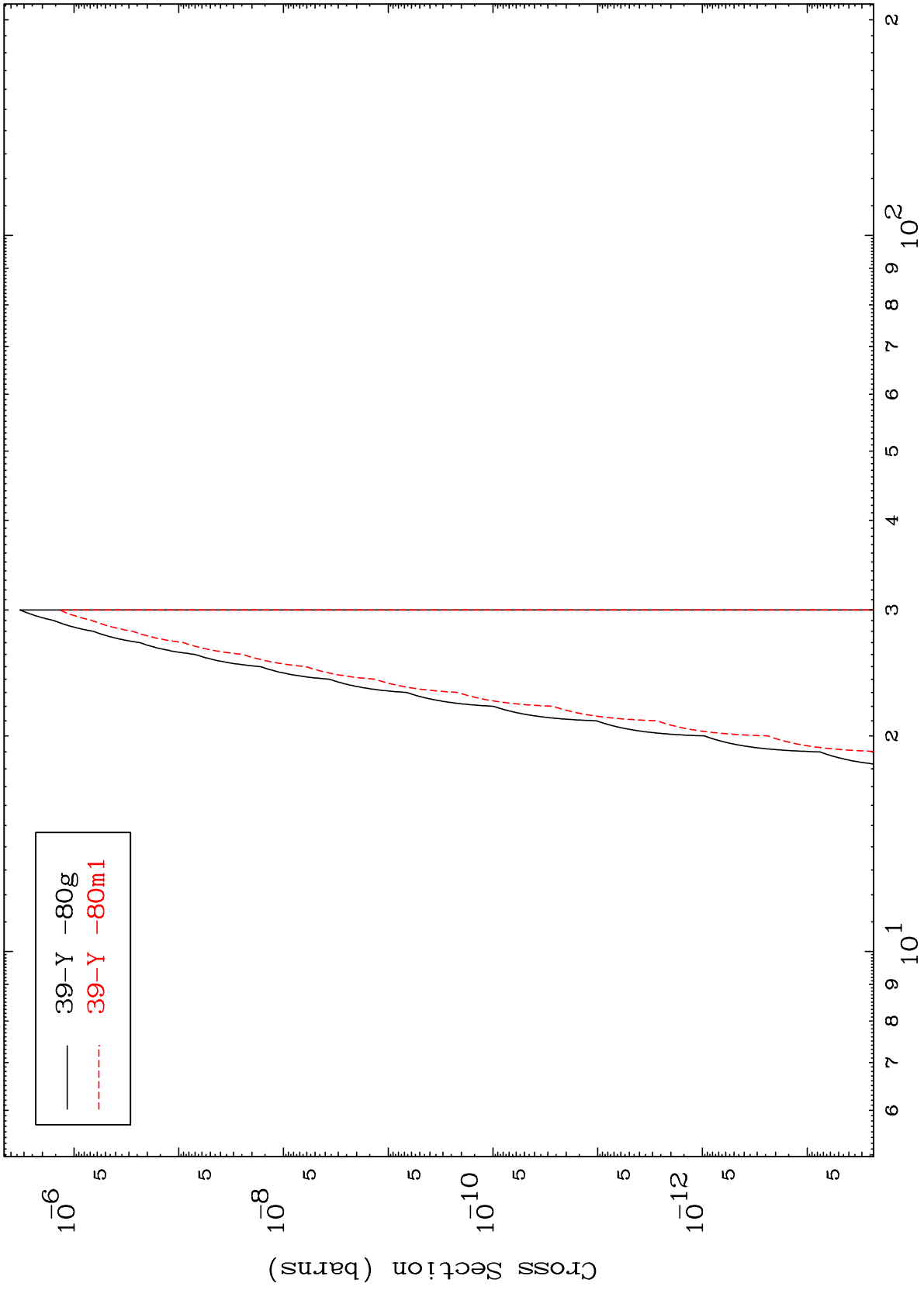
Incident Energy (MeV)

43-Tc-88

MAT 4292

43-Tc-88

(n,n') 2 $\alpha$   
Radionuclide Production Cross Section



31

43-Tc-88

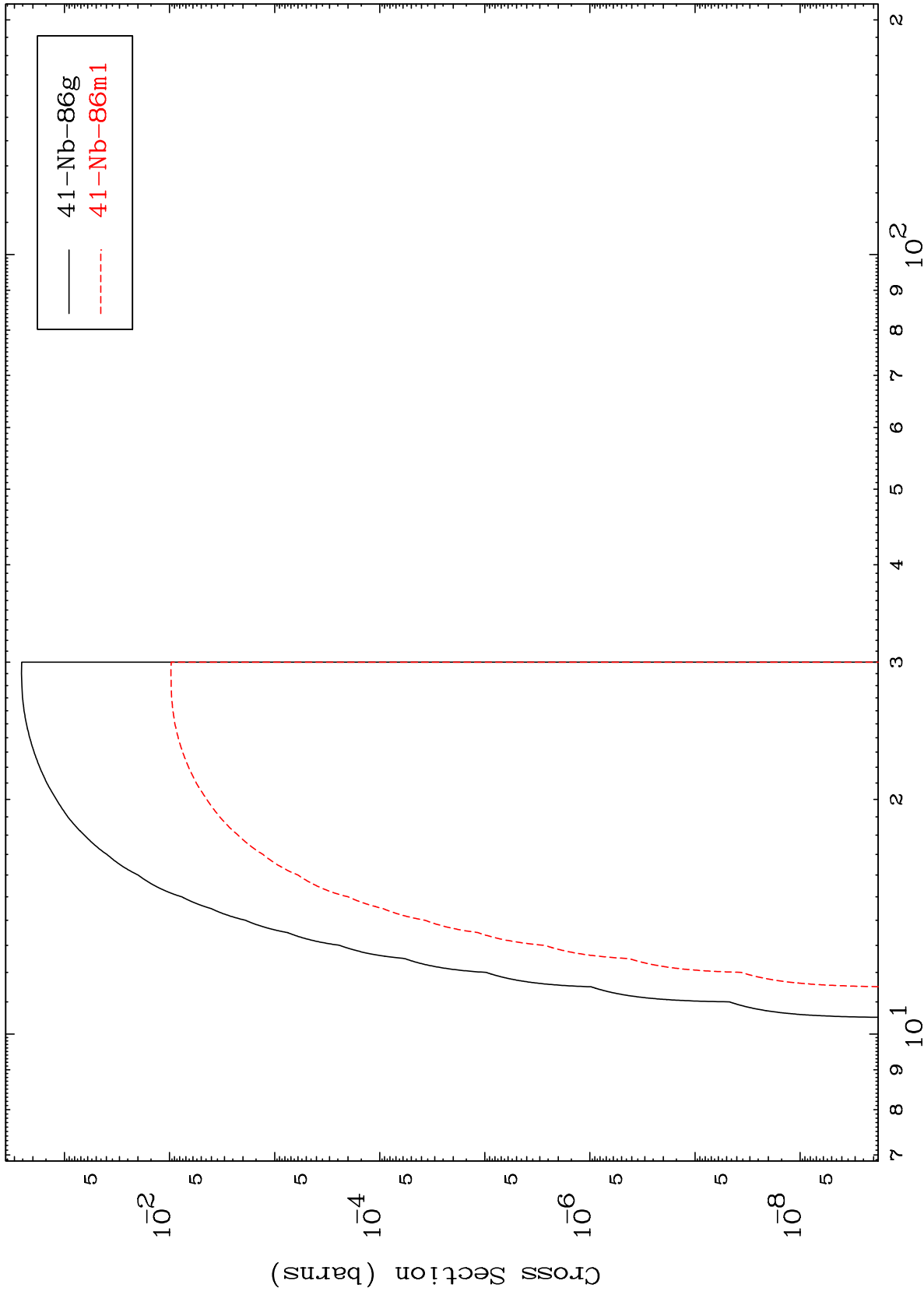


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(n,2n) p

43-Tc-88

Radionuclide Production Cross Section



32

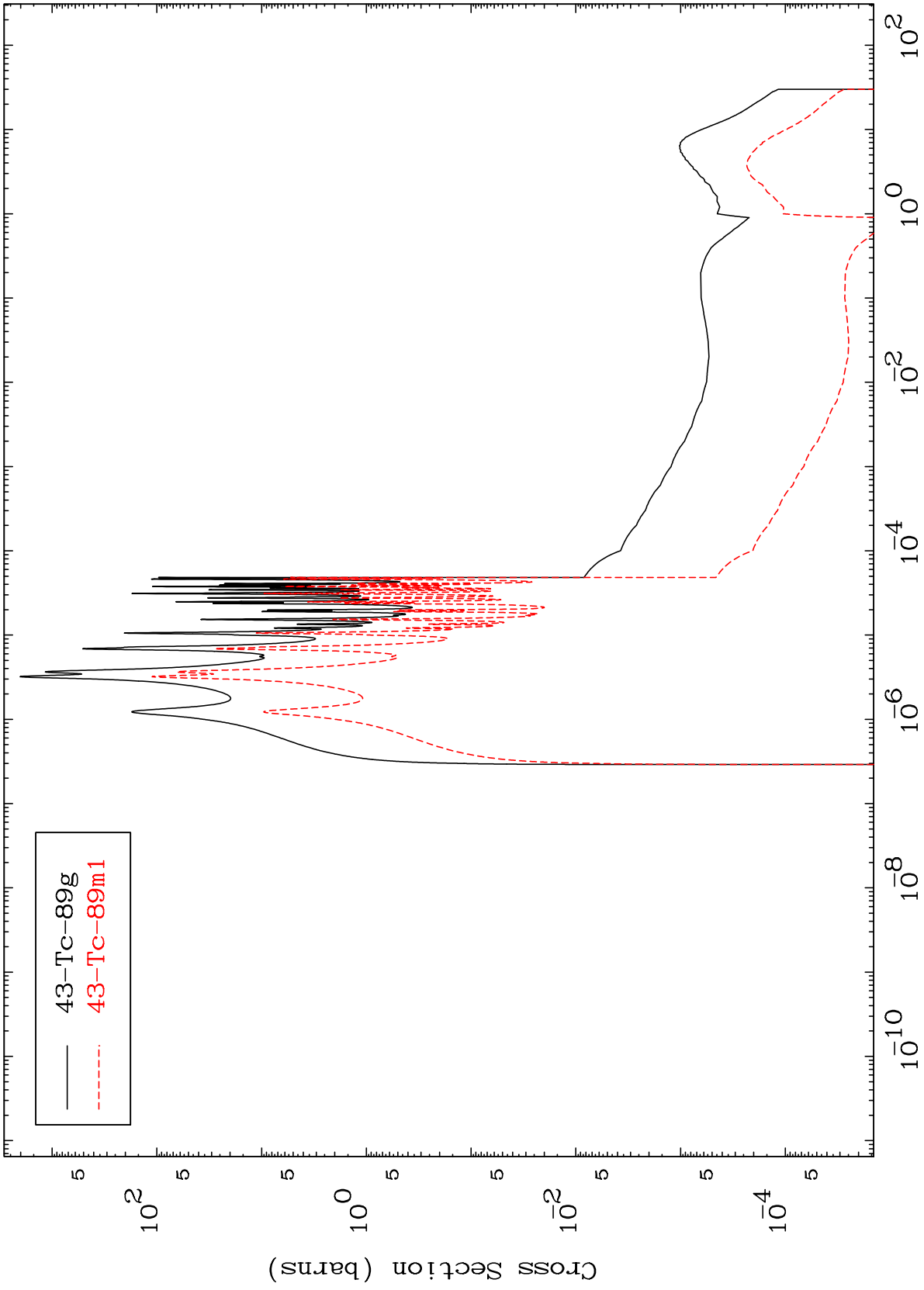
Incident Energy (MeV)

43-Tc-88

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<sup>43</sup>Tc-88

Radionuclide Production Cross Section (n,γ)



33

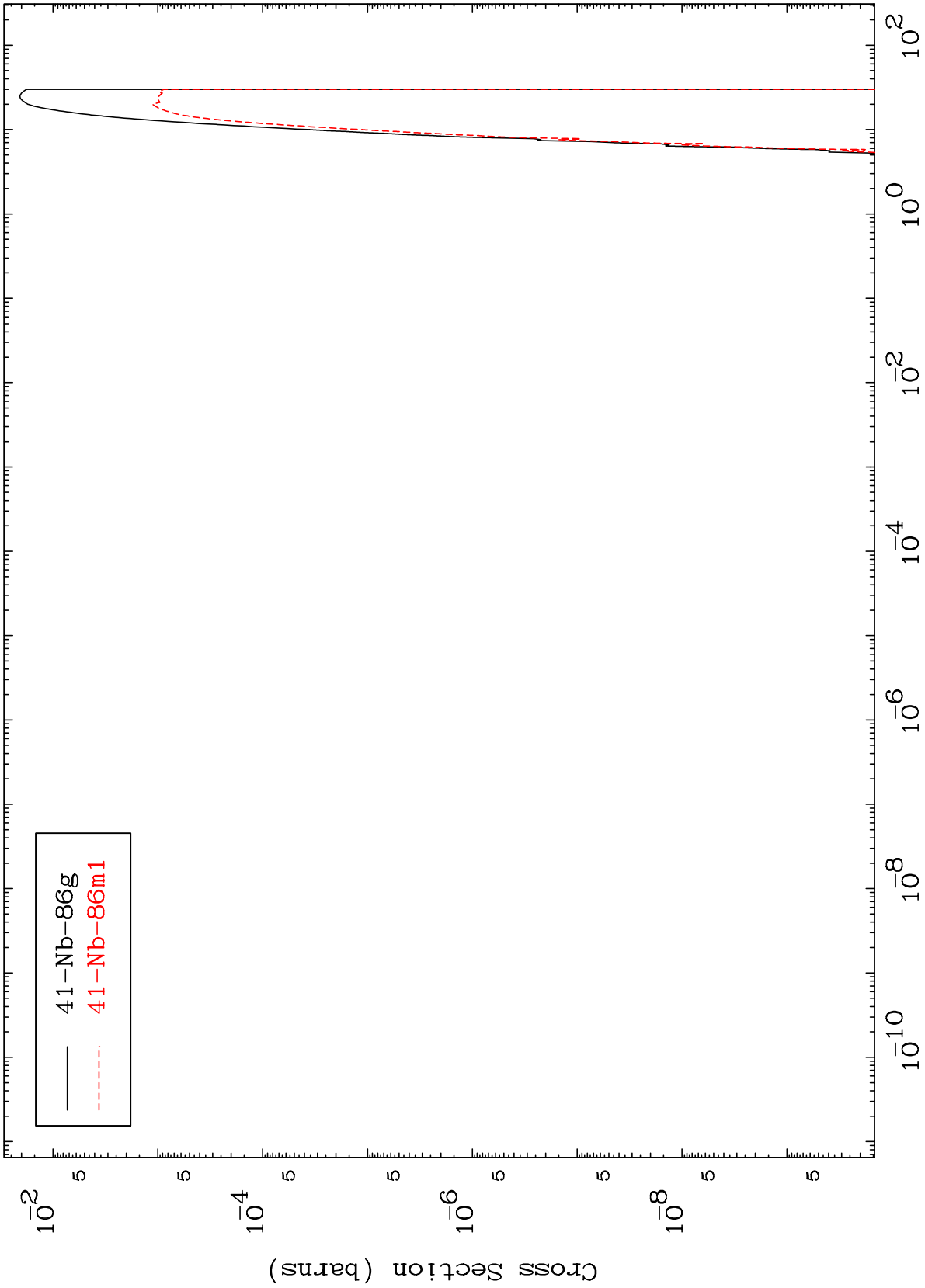
<sup>43</sup>Tc-88

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(n, He-3)

43-Tc-88

Radionuclide Production Cross Section



— 41-Nb-86g  
- - - 41-Nb-86m1

34

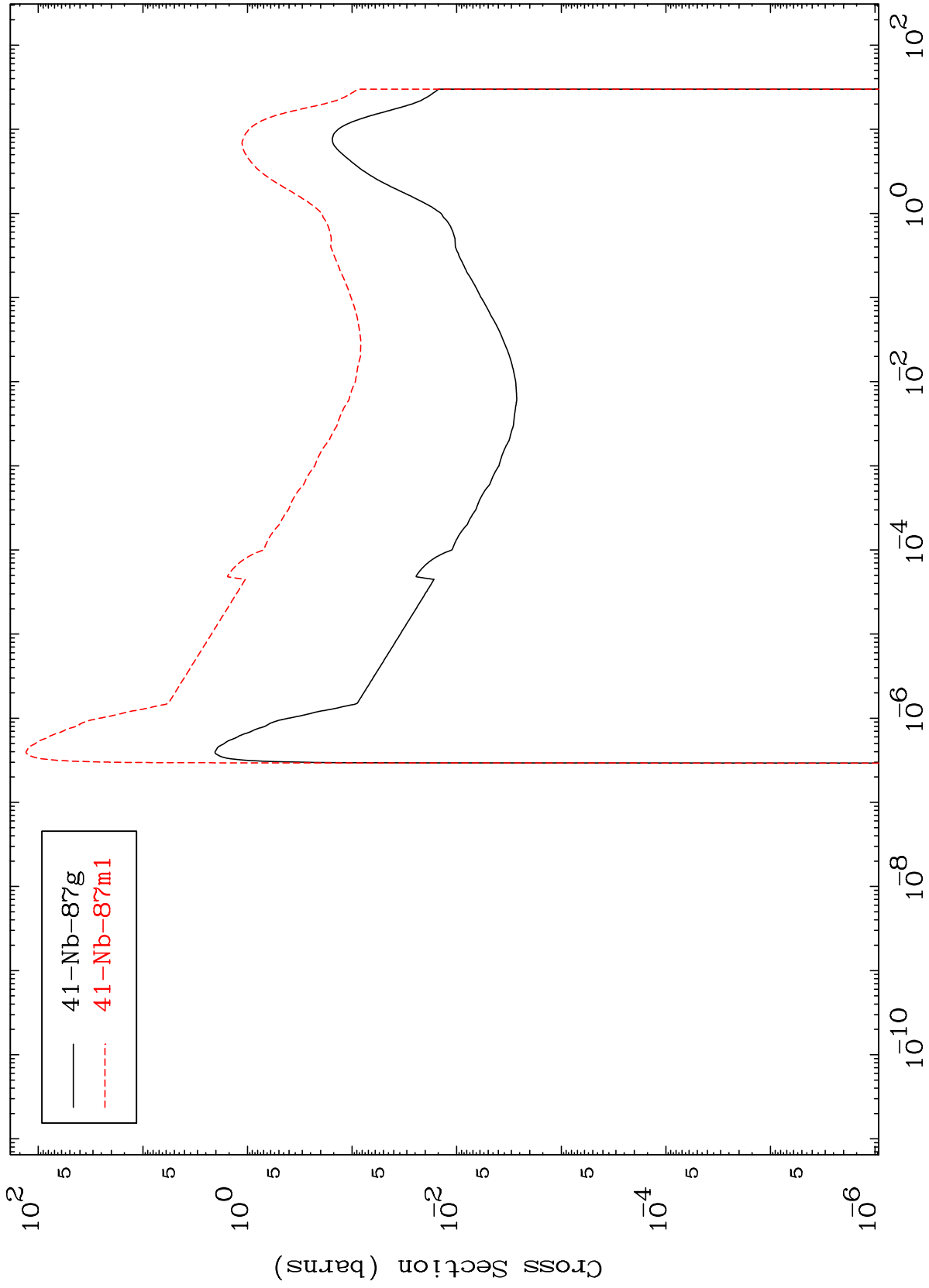
Incident Energy (MeV)

43-Tc-88

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43-Tc-88

(n,2p)  
Radionuclide Production Cross Section



35

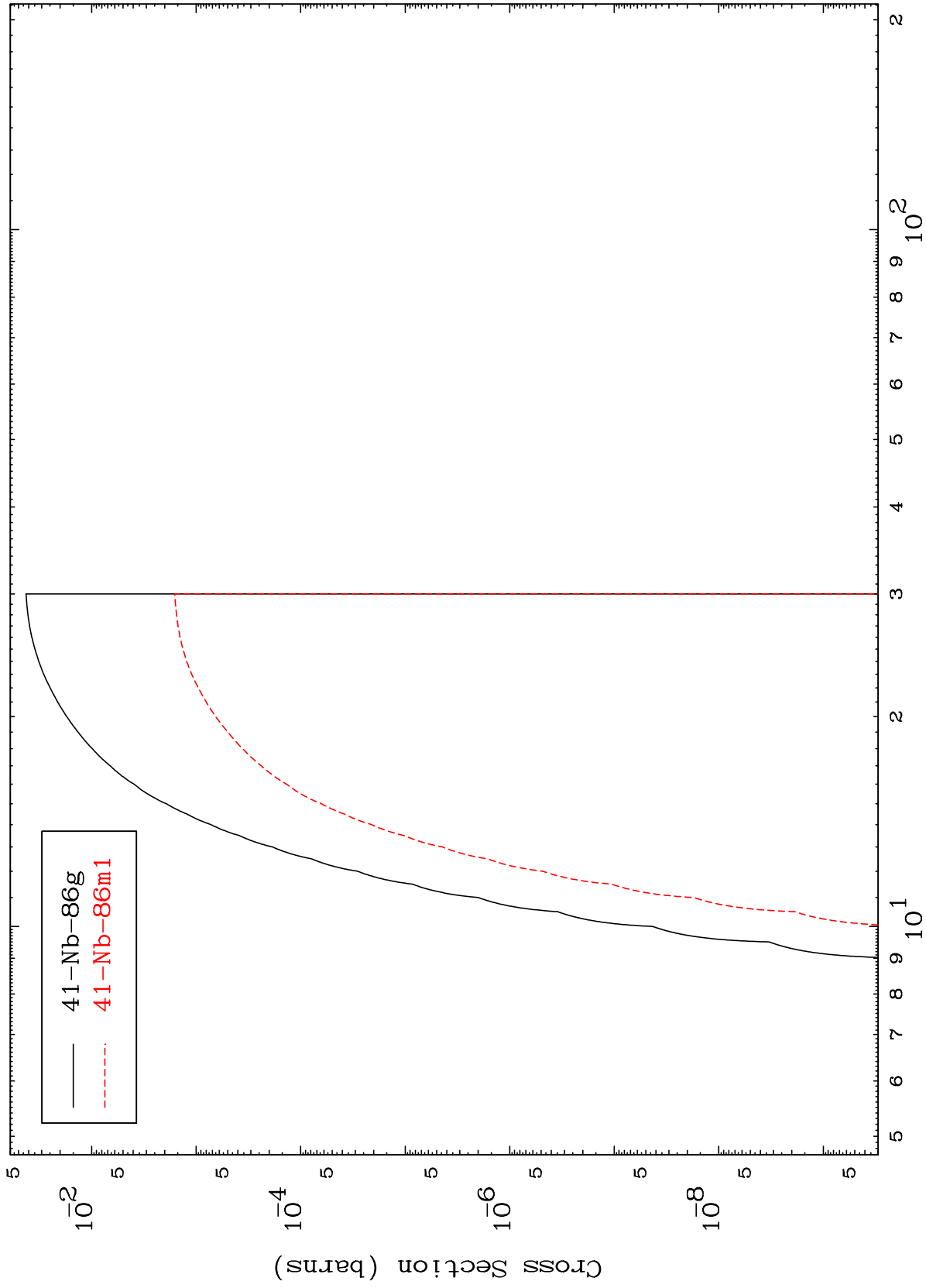
43-Tc-88

MAT 4292

(n,p) d

43-Tc-88

Radionuclide Production Cross Section



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Incident Energy (MeV)

43-Tc-88