

Program EVALPLOT
(Version 2018-1)

by

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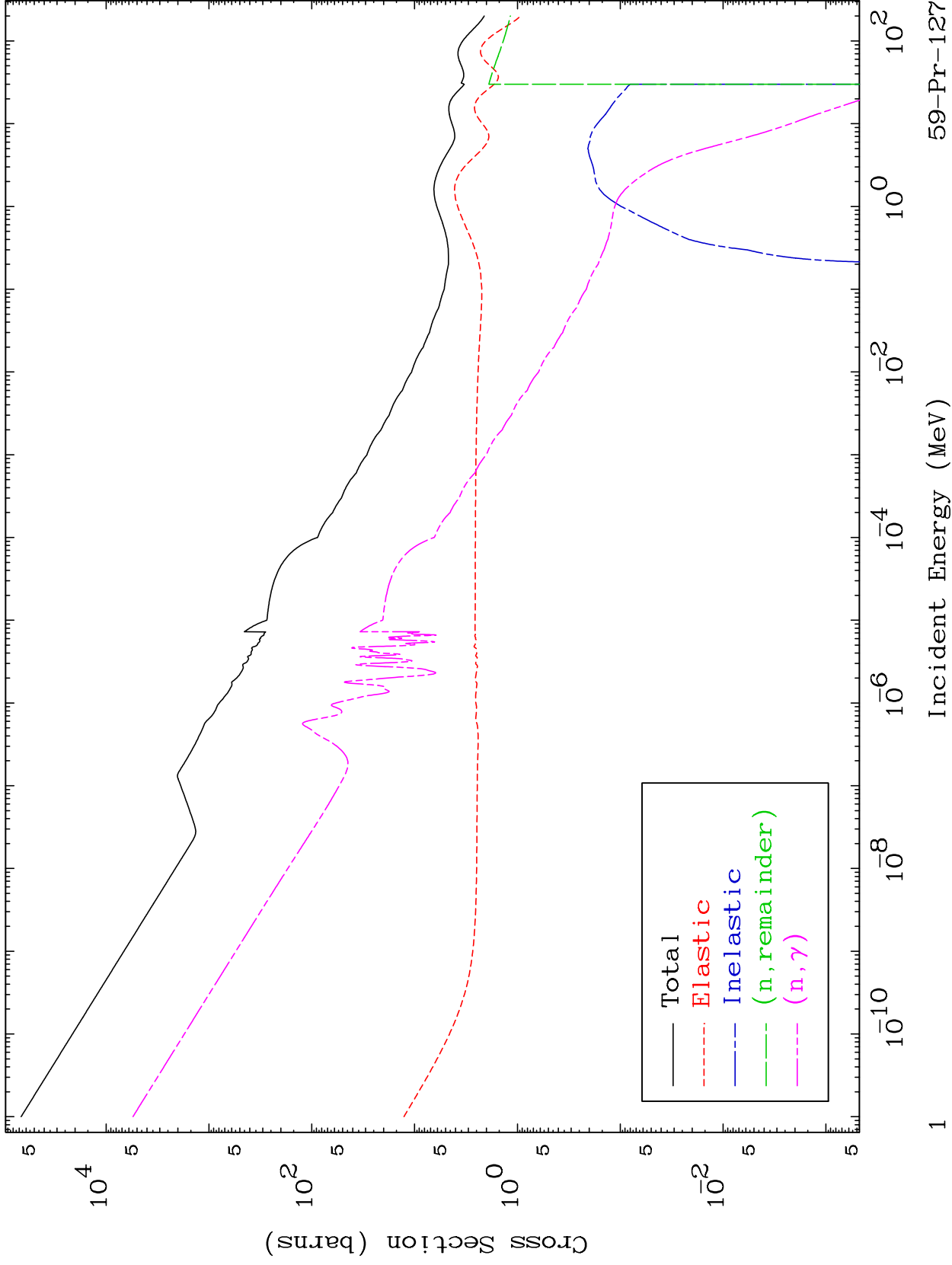
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5883

Major
293 Kelvin Cross Sections

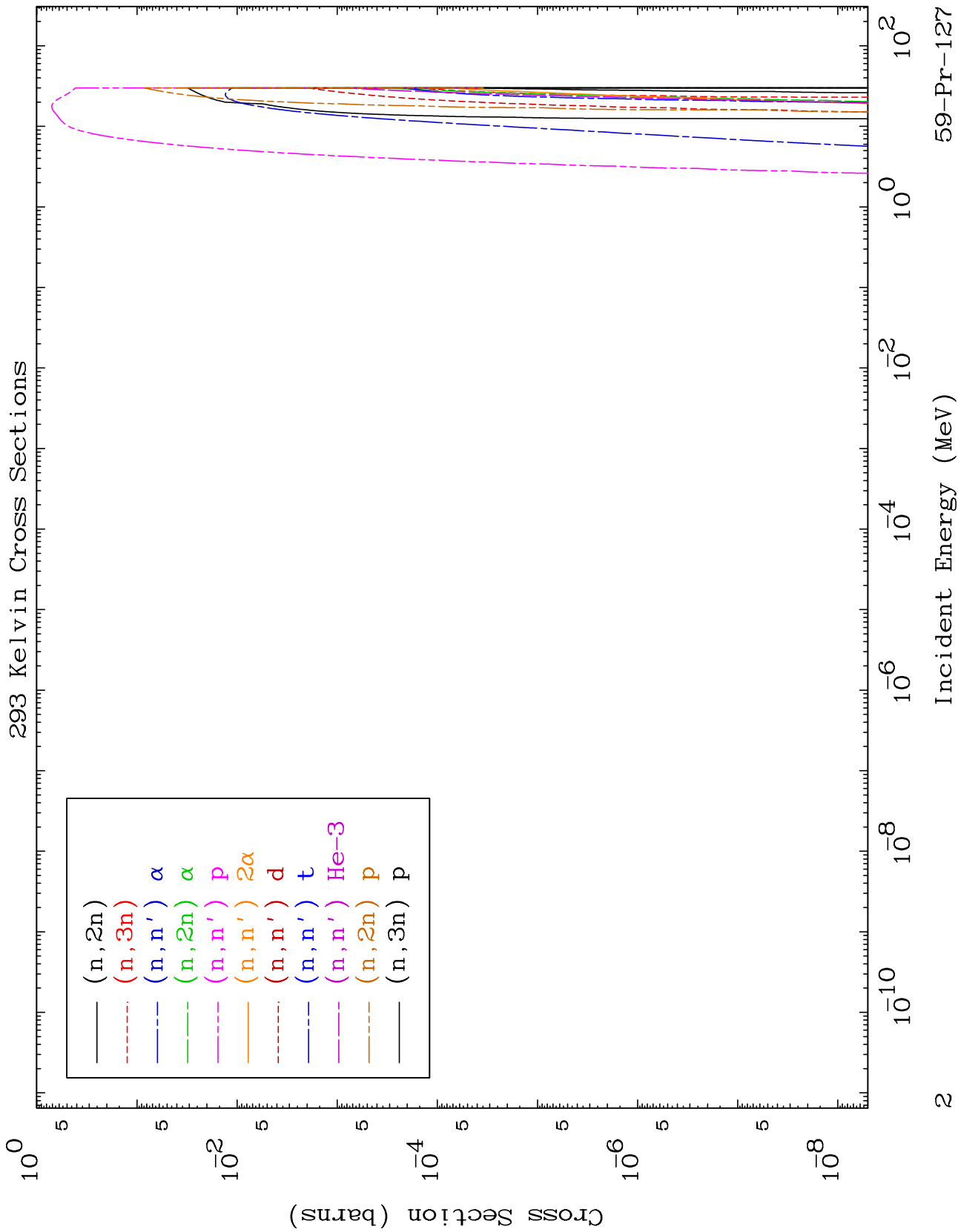
59-Pr-127



MAT 5883

Neutron Production
293 Kelvin Cross Sections

59-Pr-127



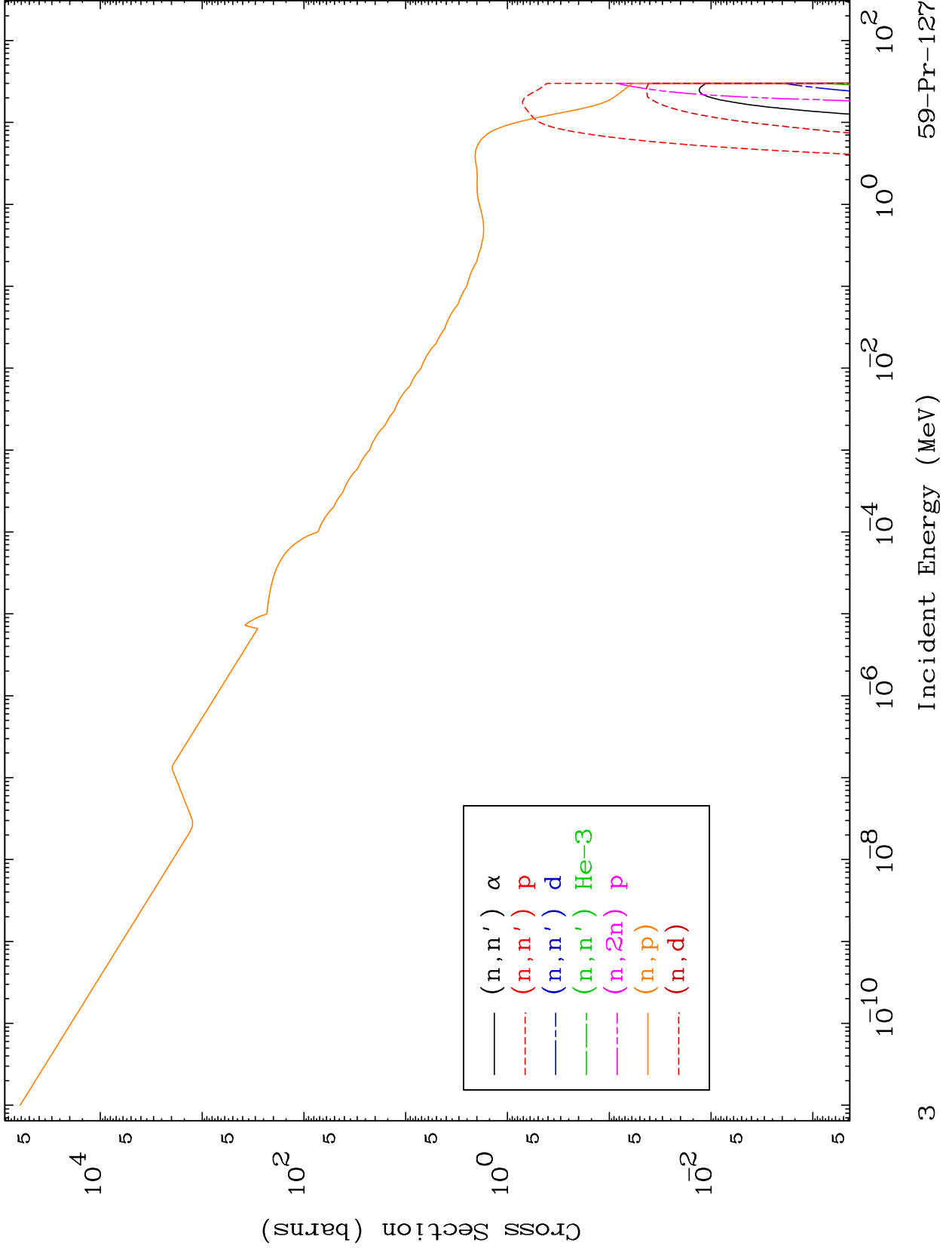
59-Pr-127

Incident Energy (MeV)

MAT 5883

Charged Particle
293 Kelvin Cross Sections

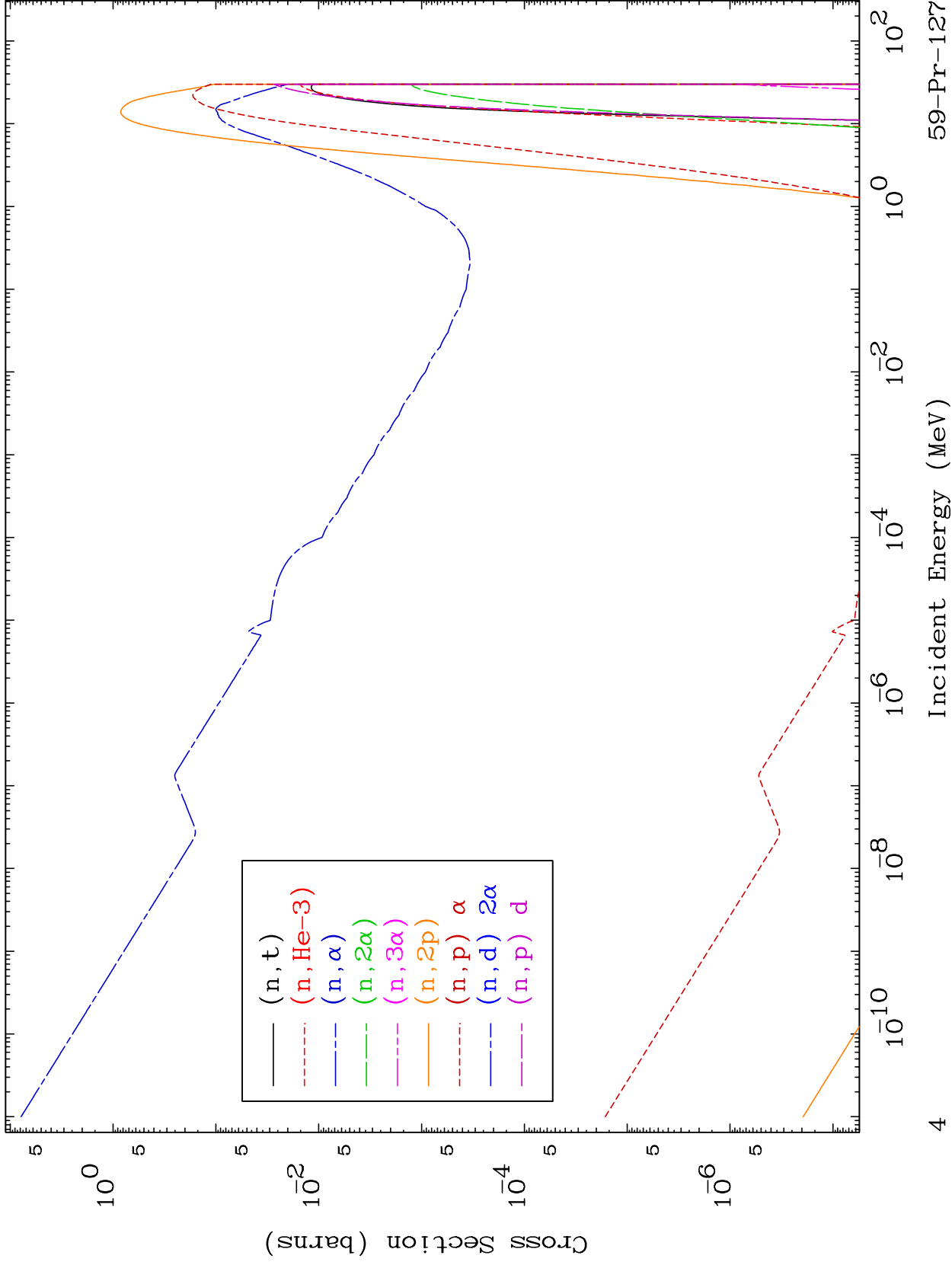
59-Pr-127



MAT 5883

Charged Particle
293 Kelvin Cross Sections

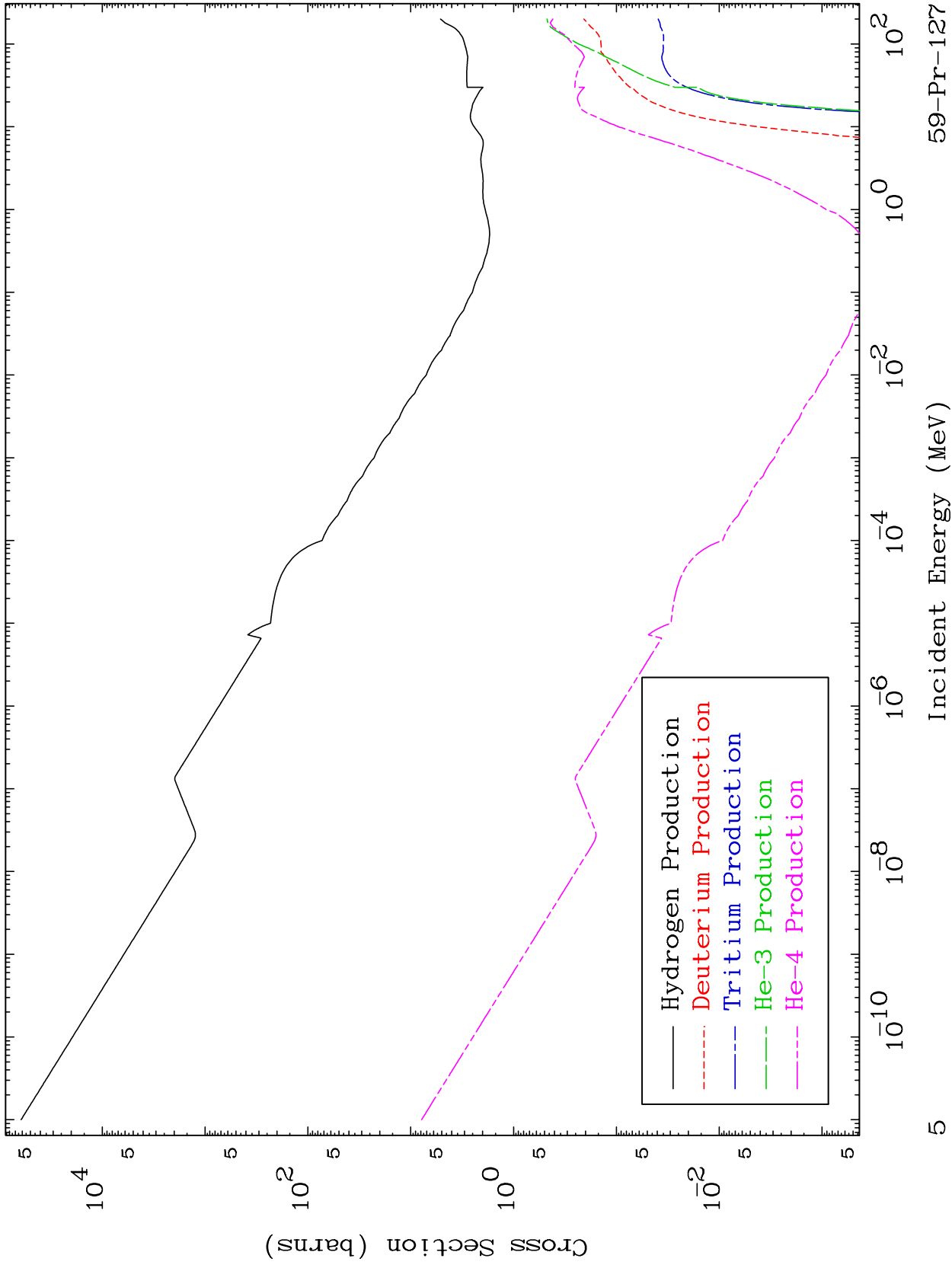
59-Pr-127



MAT 5883

Particle Production
293 Kelvin Cross Sections

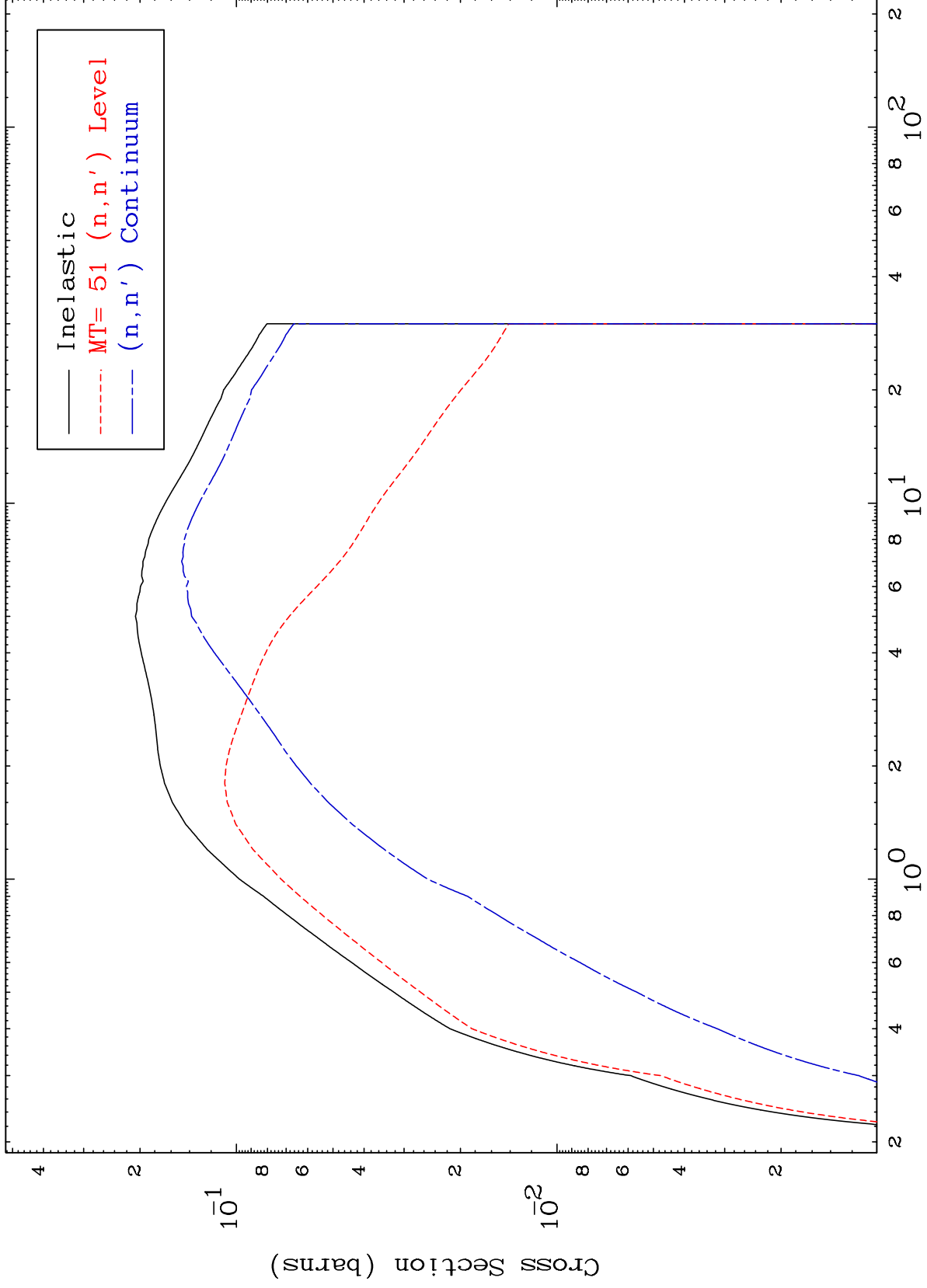
59-Pr-127



MAT 5883

(n,n') Level
293 Kelvin Cross Sections

59-Pr-127



6

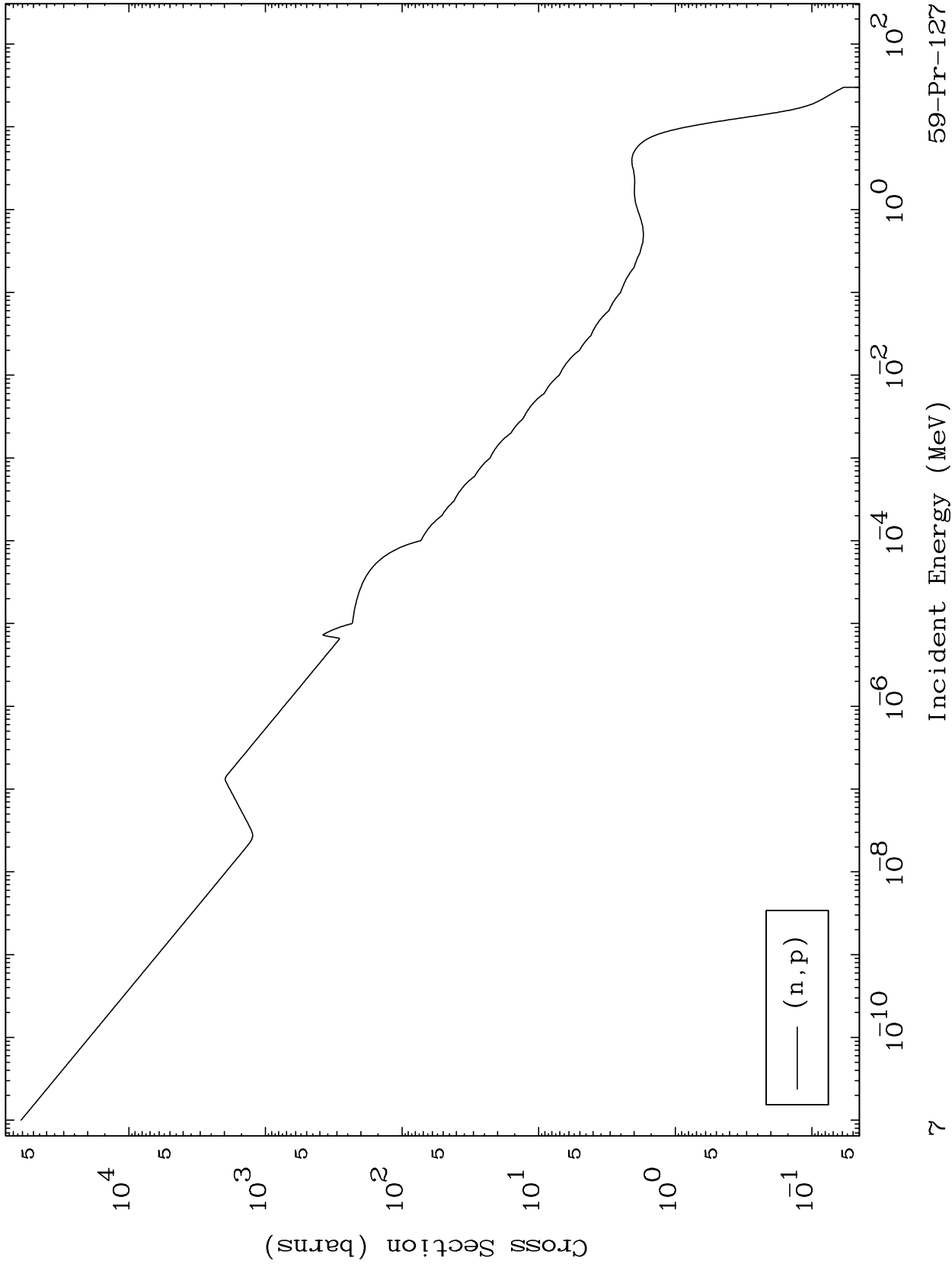
Incident Energy (MeV)

59-Pr-127

MAT 5883

(n,p) Levels
293 Kelvin Cross Sections

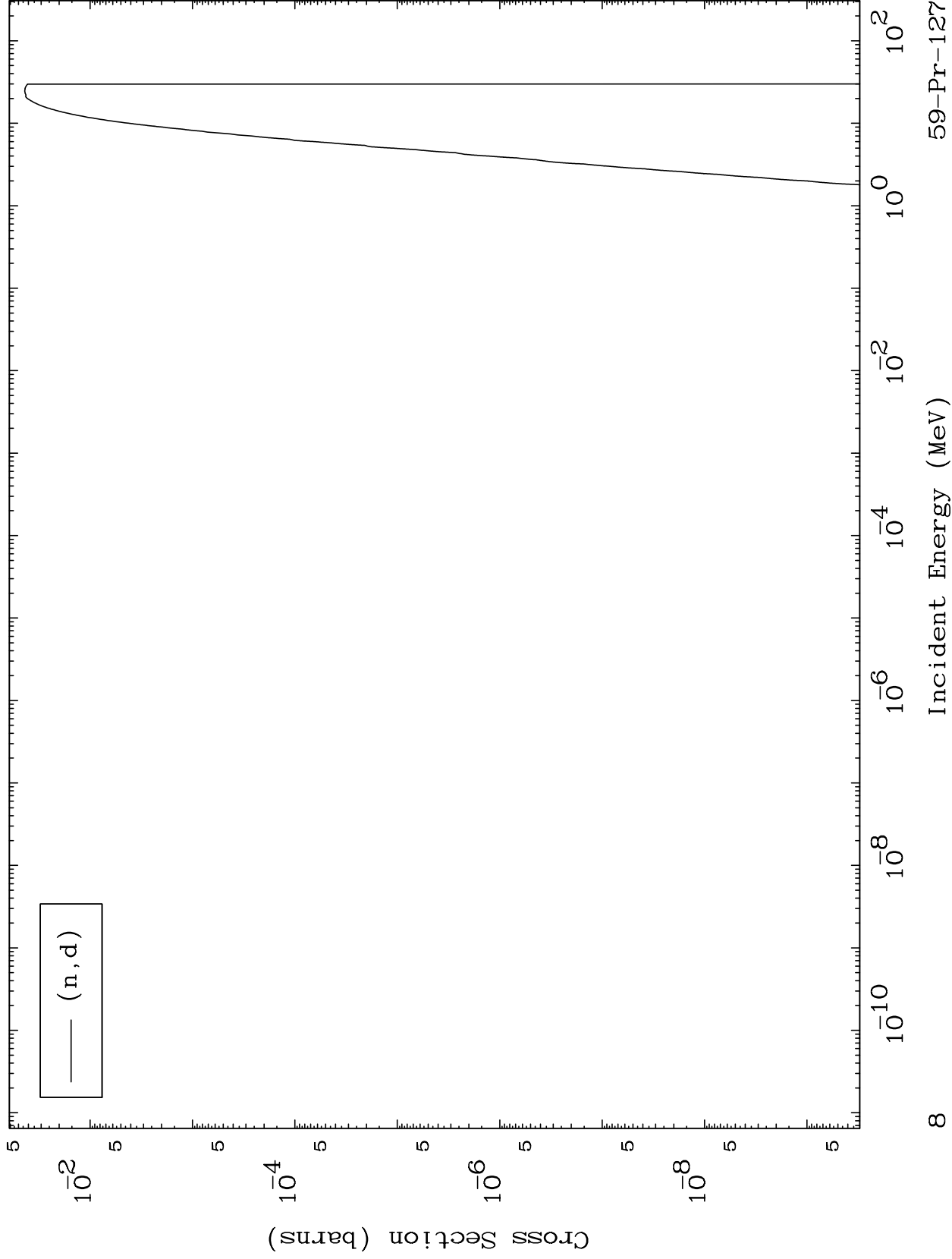
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MAT 5883

(n,d) Levels
293 Kelvin Cross Sections

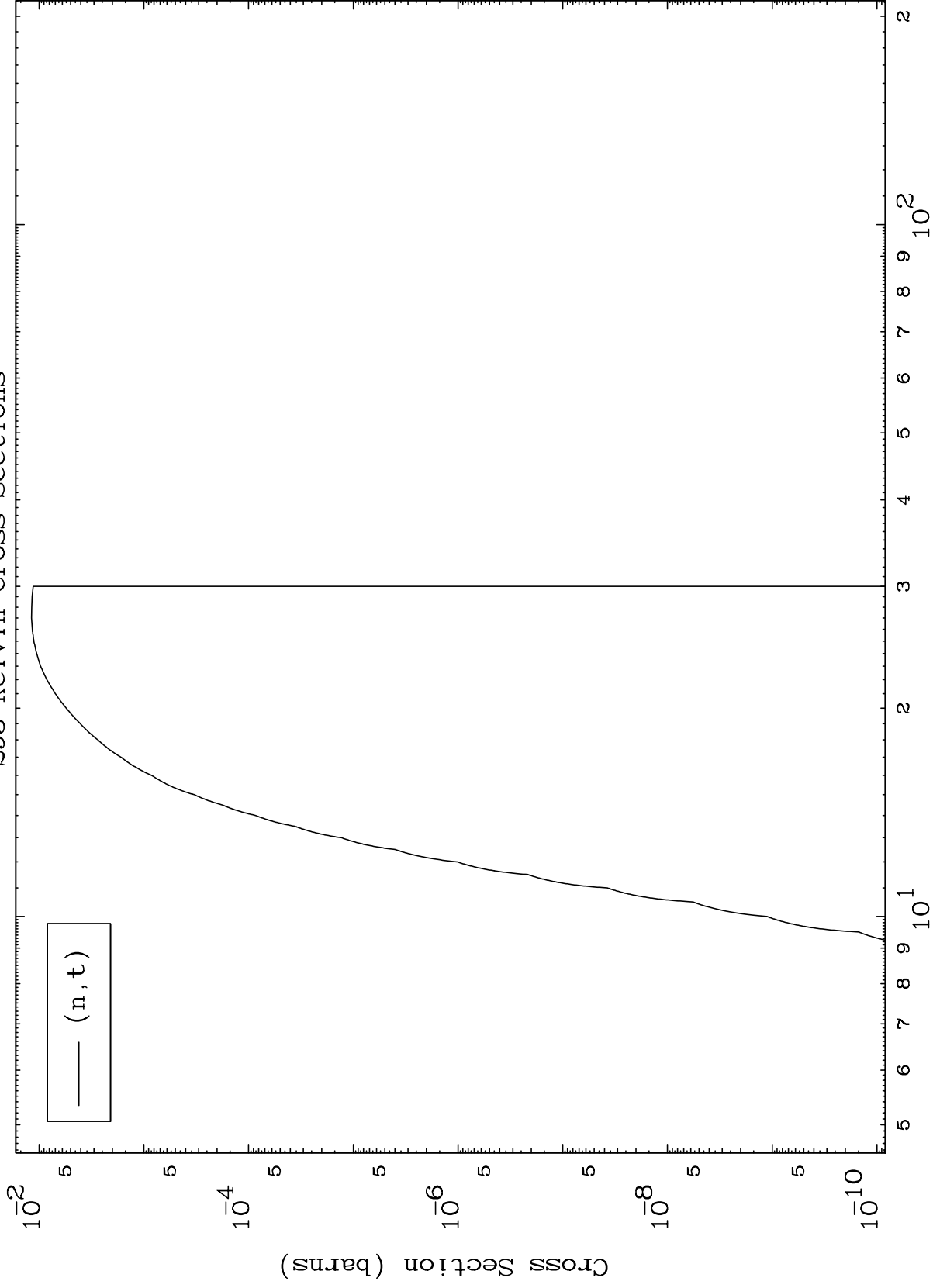
59-Pr-127



MAT 5883

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-127



9

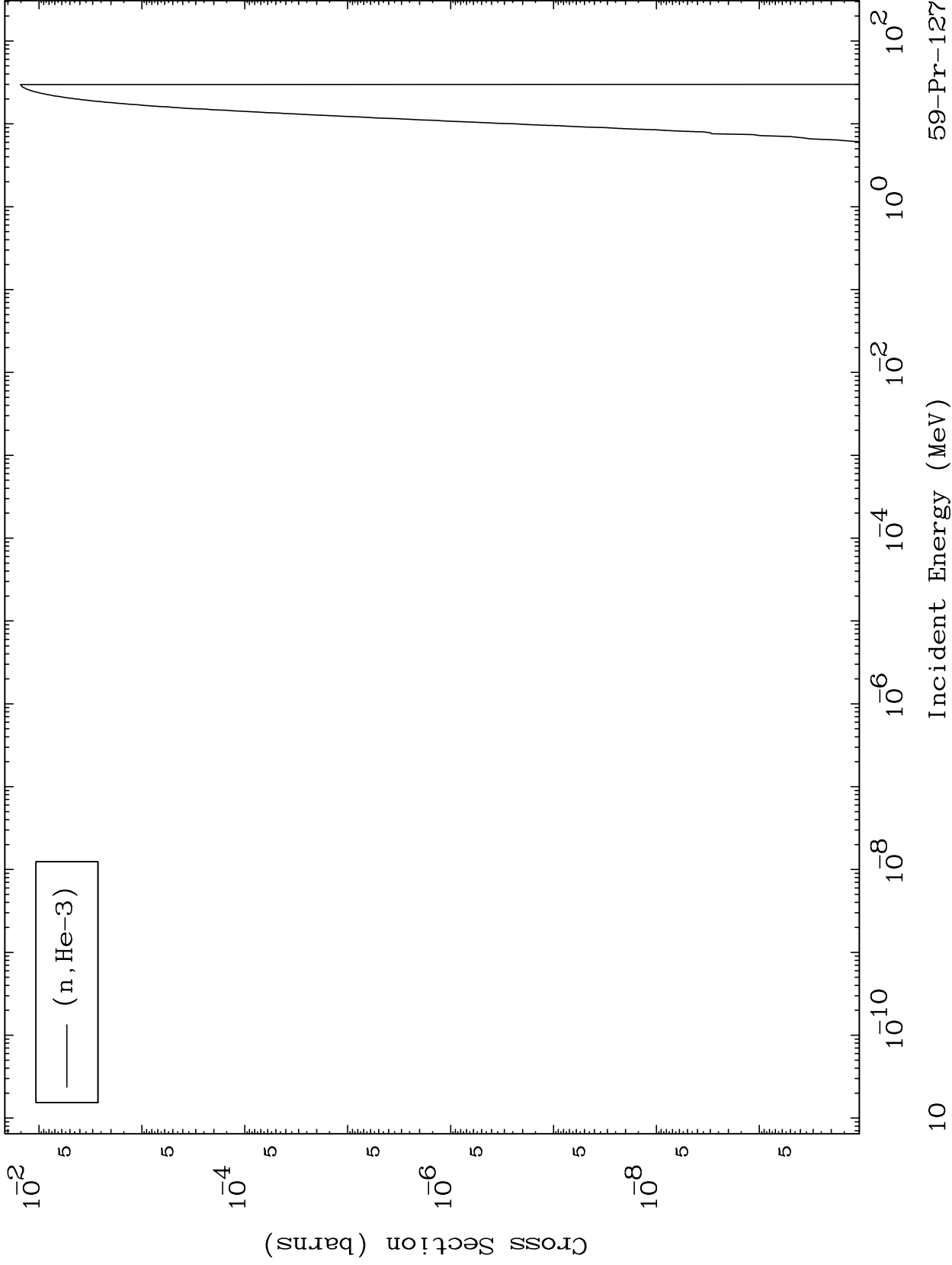
Incident Energy (MeV)

59-Pr-127

MAT 5883

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-127



10

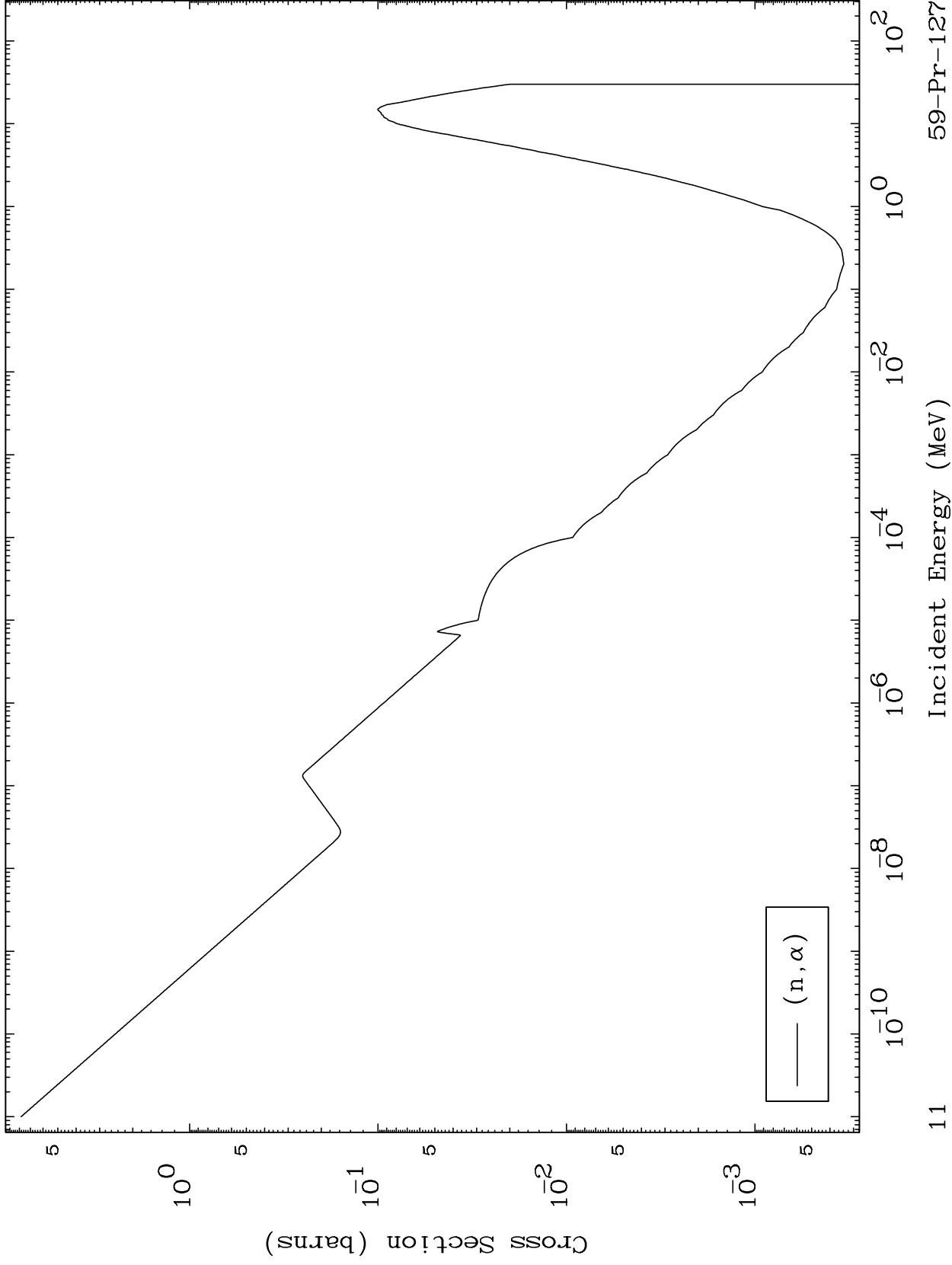
Incident Energy (MeV)

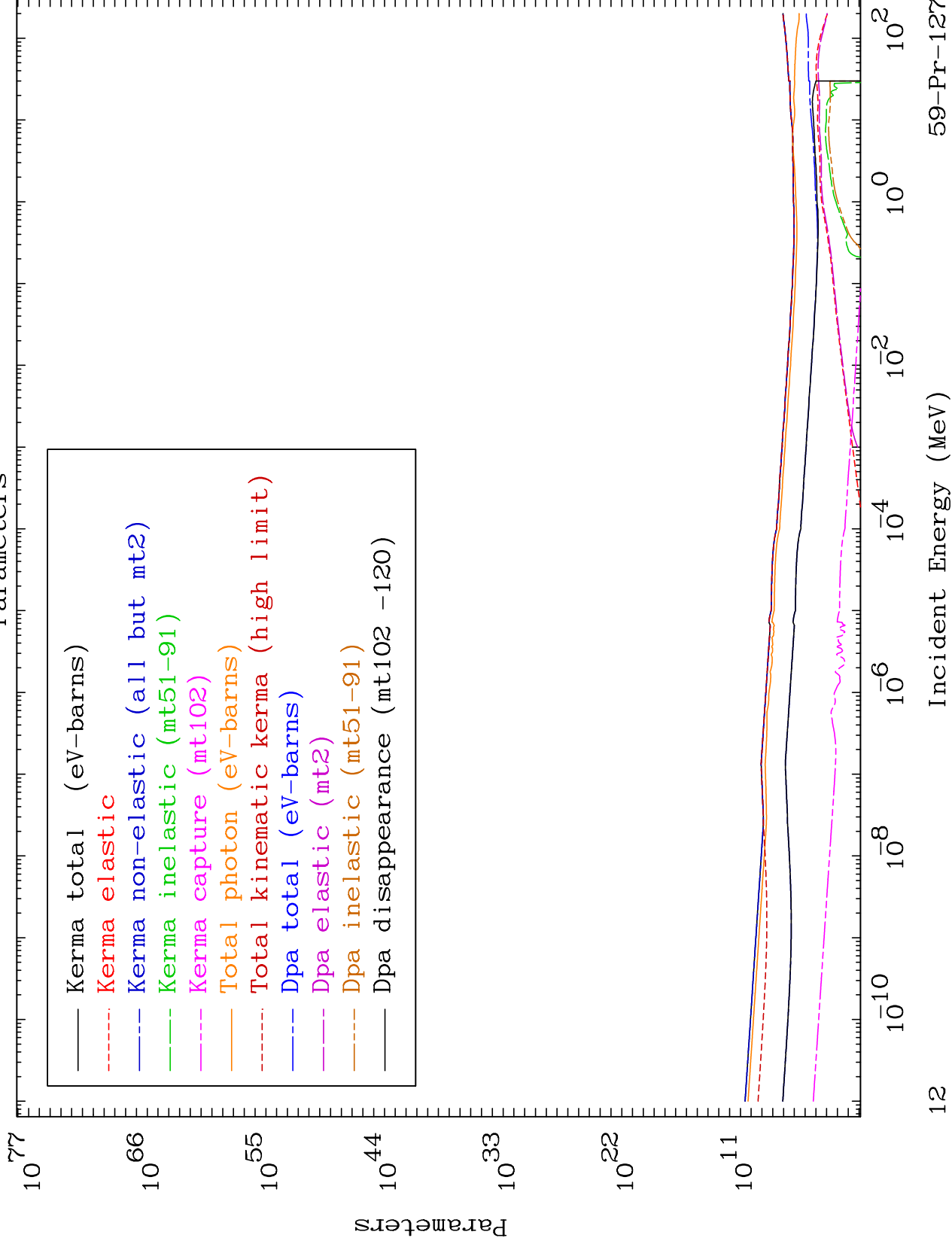
59-Pr-127

MAT 5883

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-127

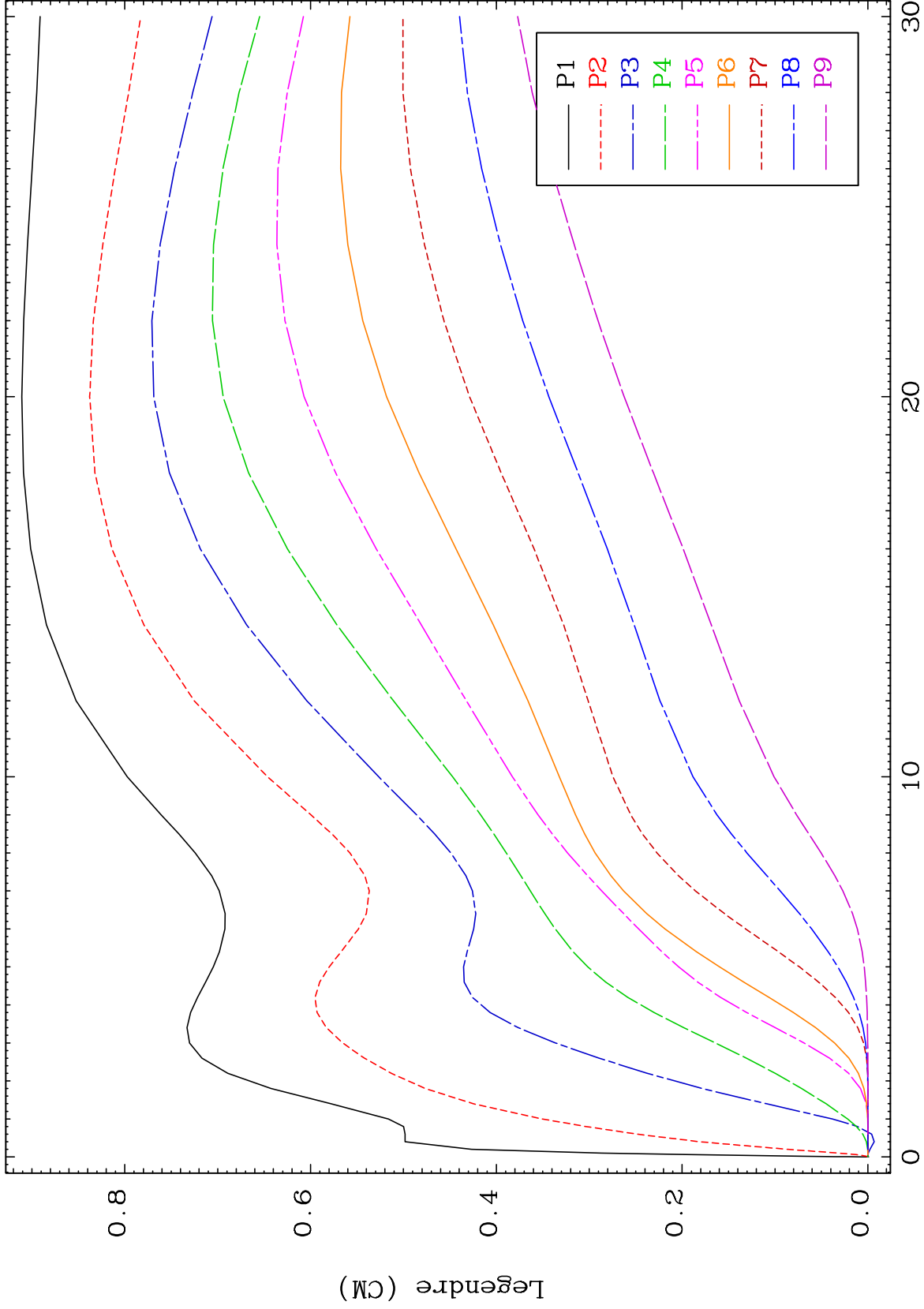




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Elastic Legendre Coefficients

59-Pr-127



13

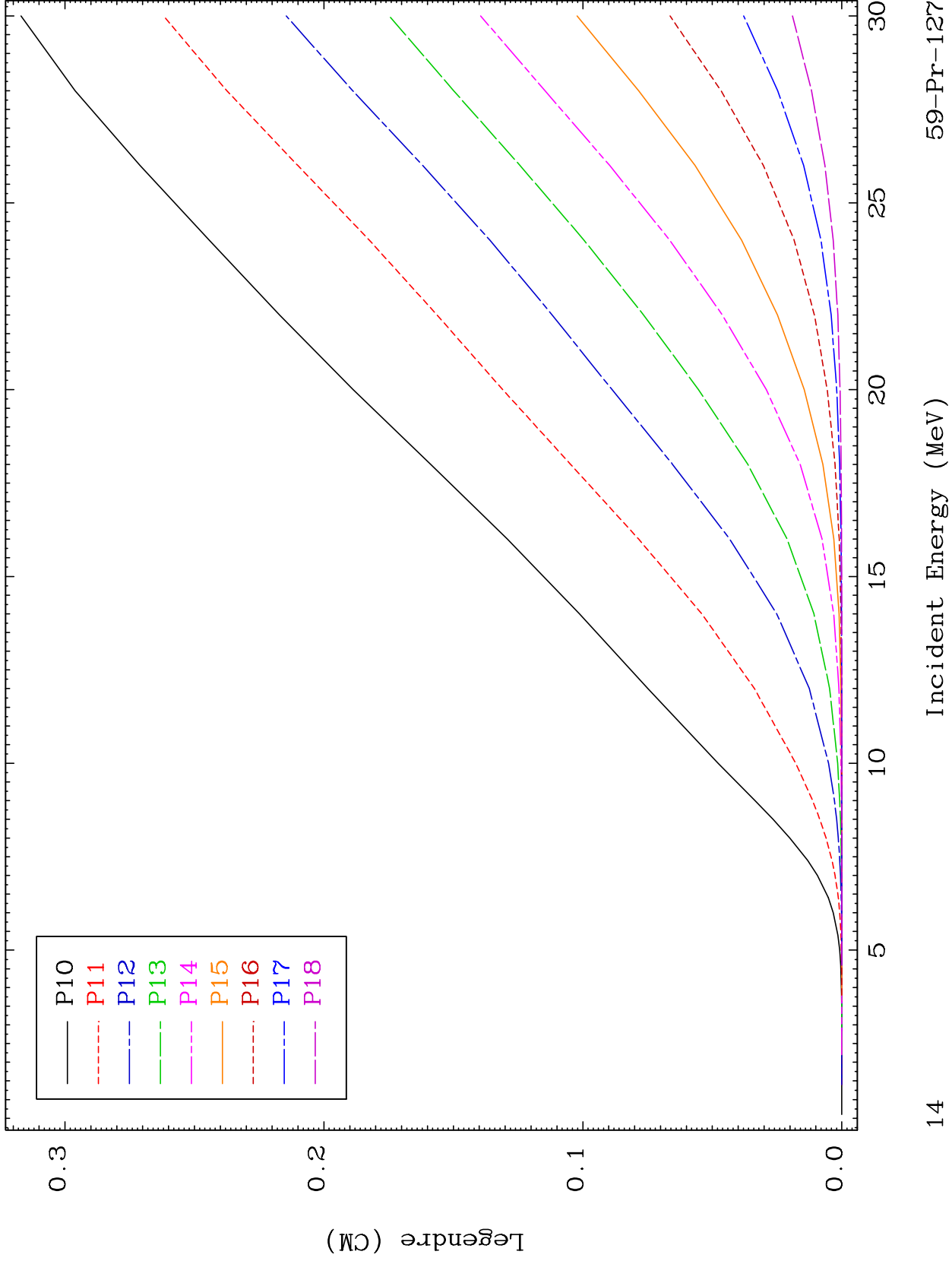
Incident Energy (MeV)

59-Pr-127

MAT 5883

Elastic Legendre Coefficients

59-Pr-127



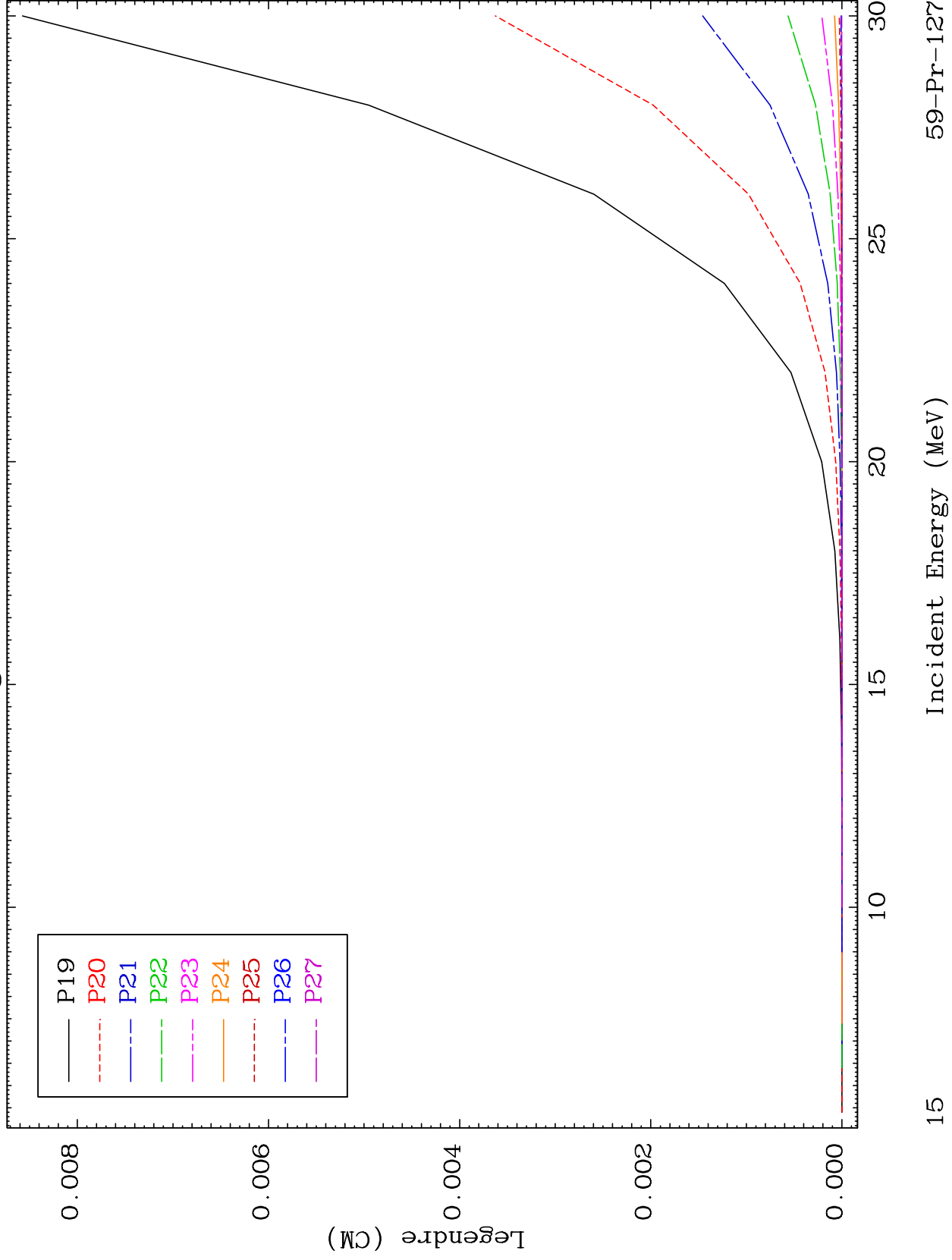
14

59-Pr-127

MAT 5883

Elastic Legendre Coefficients

59-Pr-127



15

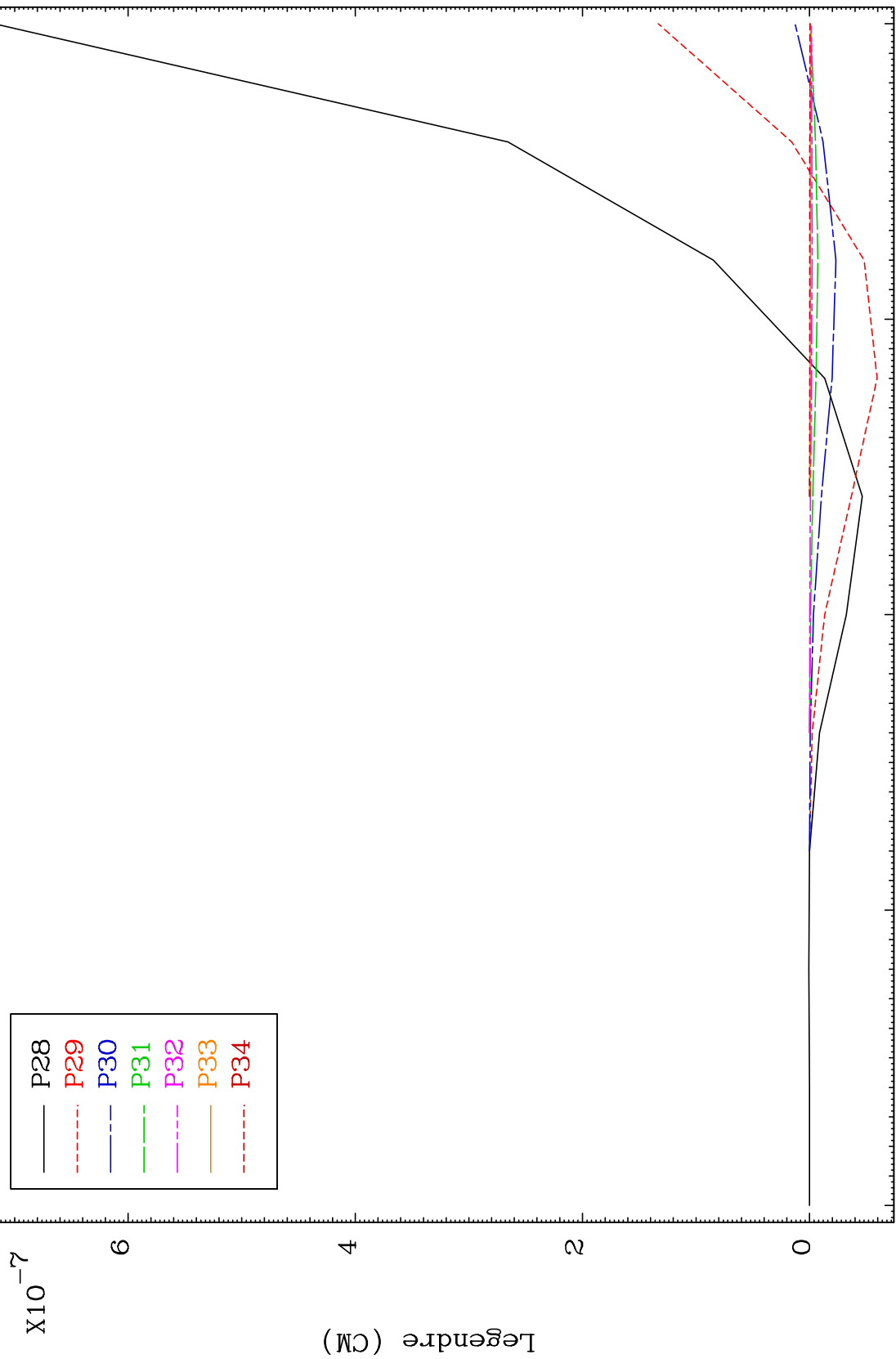
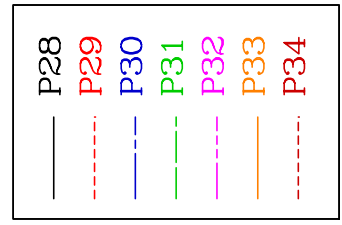
Incident Energy (MeV)

59-Pr-127

MAT 5883

Elastic Legendre Coefficients

59-Pr-127



59-Pr-127

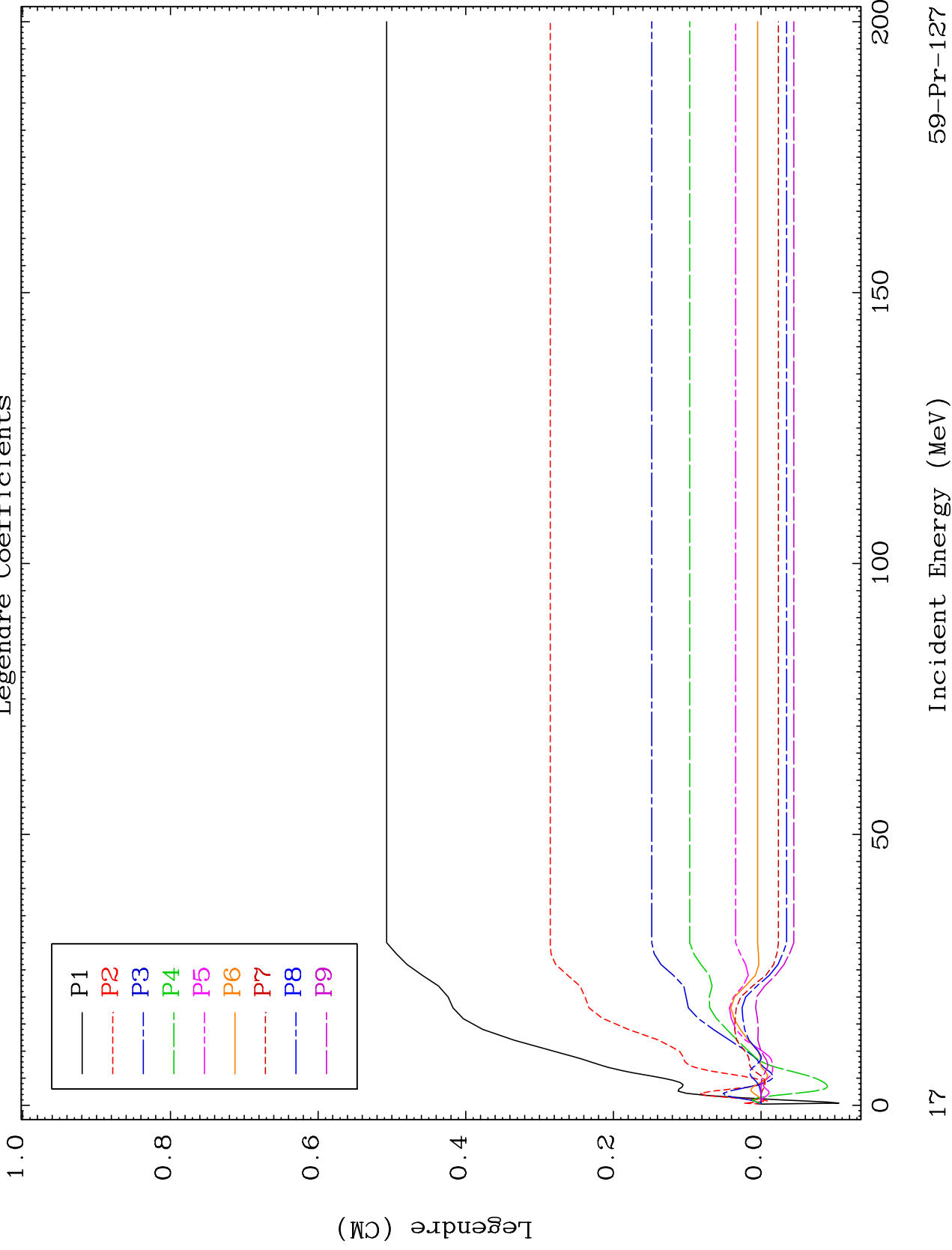
Incident Energy (MeV)

16

MAT 5883

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

59-Pr-127



59-Pr-127

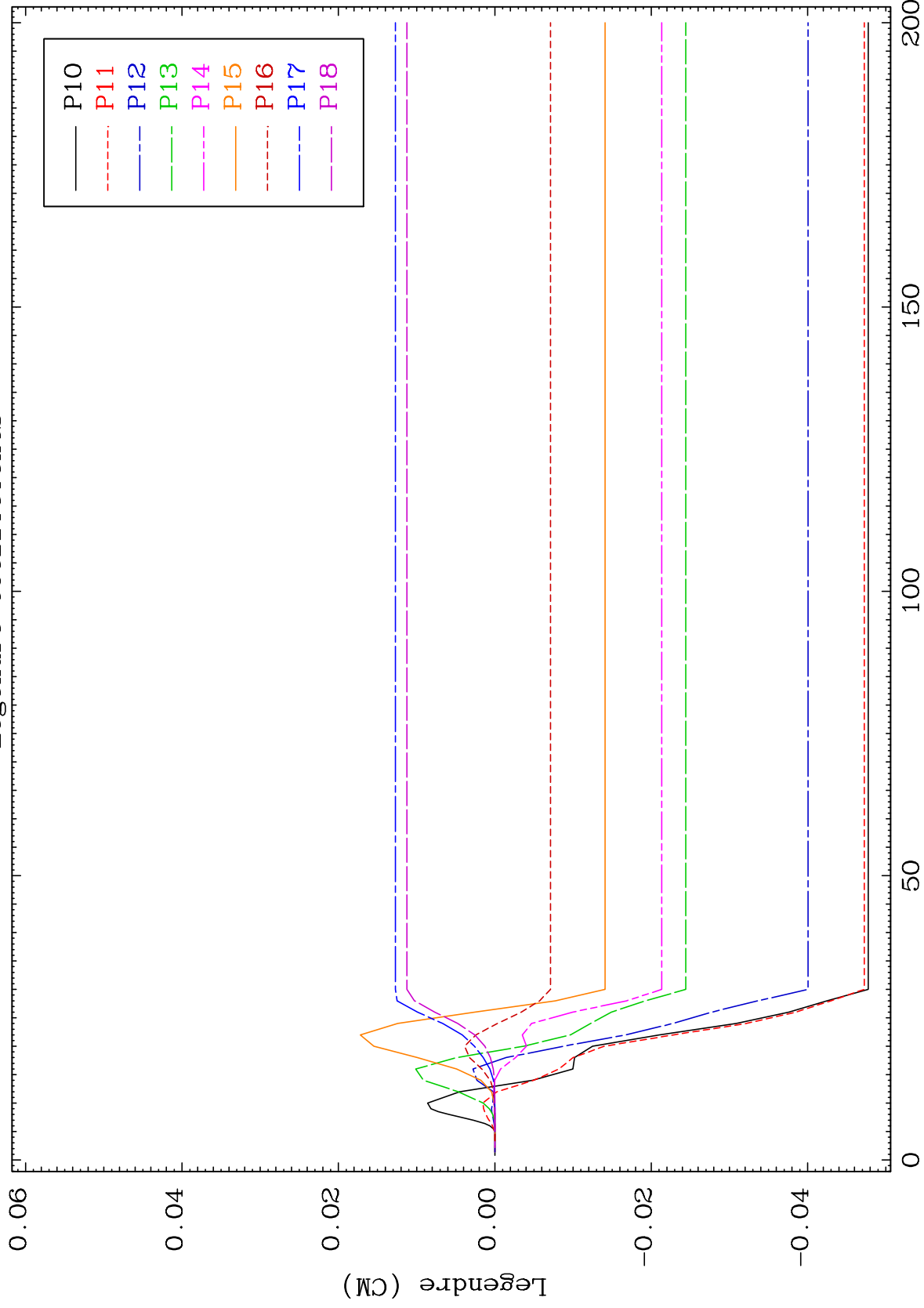
Incident Energy (MeV)

17

MAT 5883

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

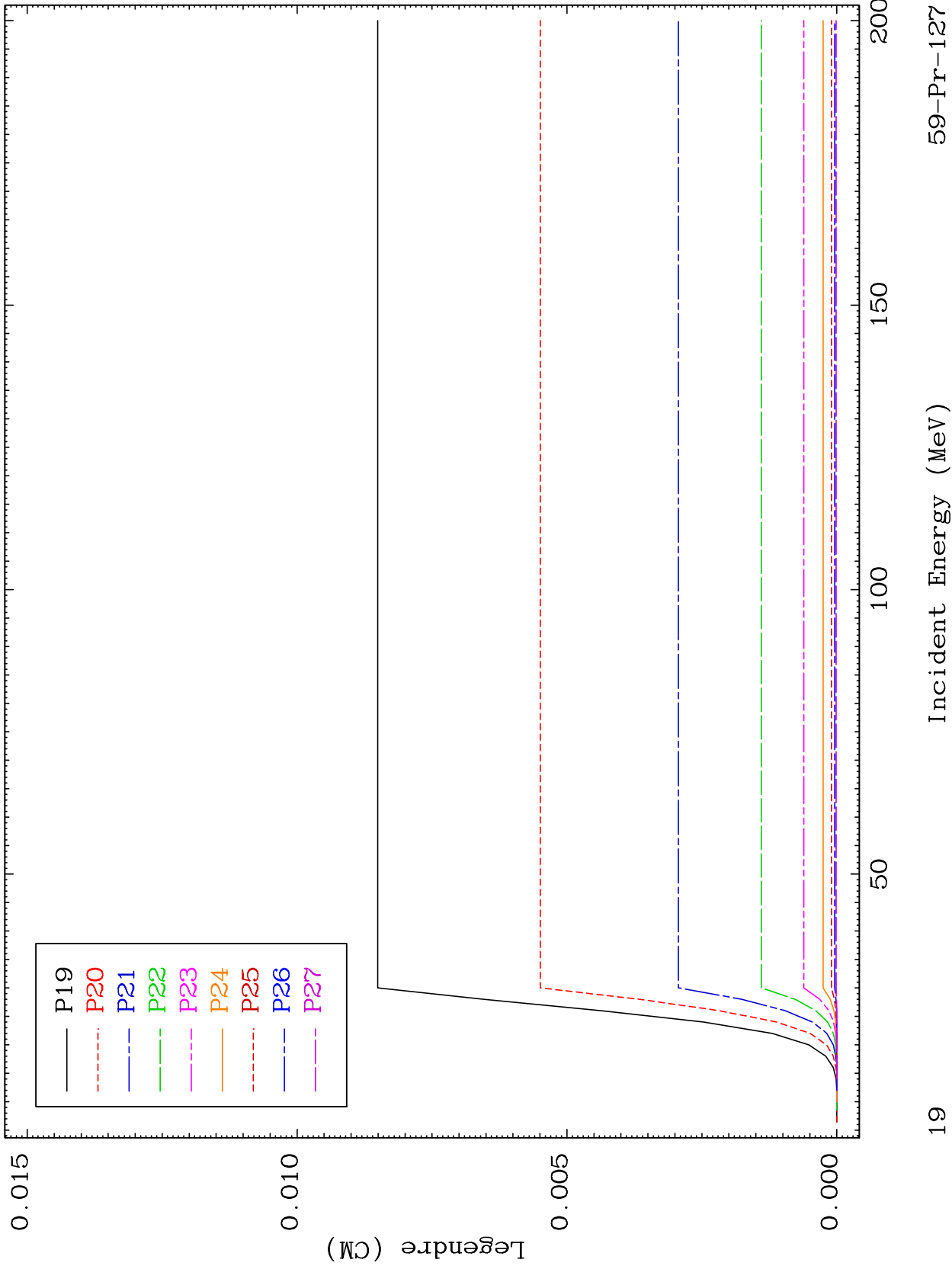
59-Pr-127



18

Incident Energy (MeV)

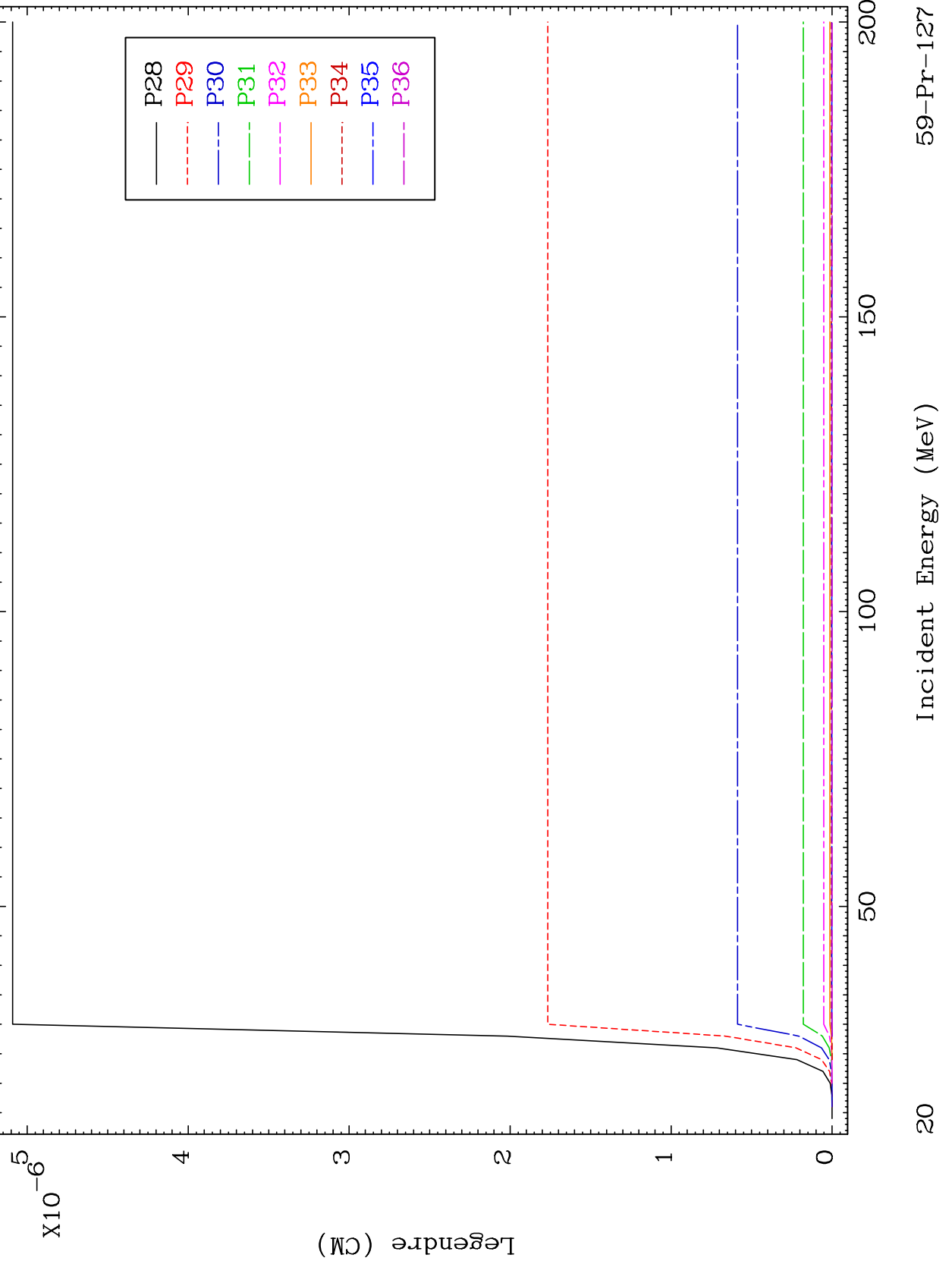
59-Pr-127



MAT 5883

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

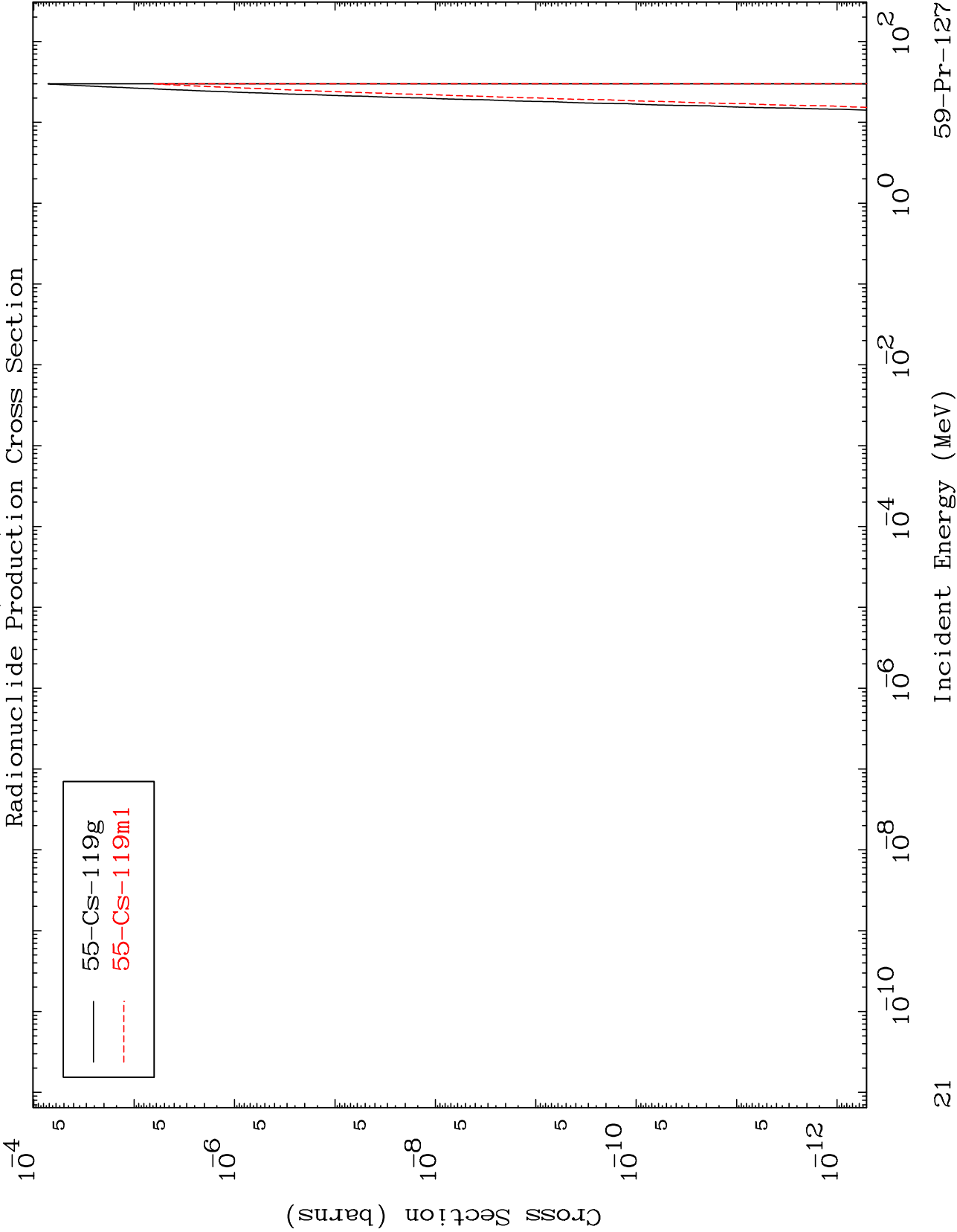
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(n,n') 2α

59-Pr-127

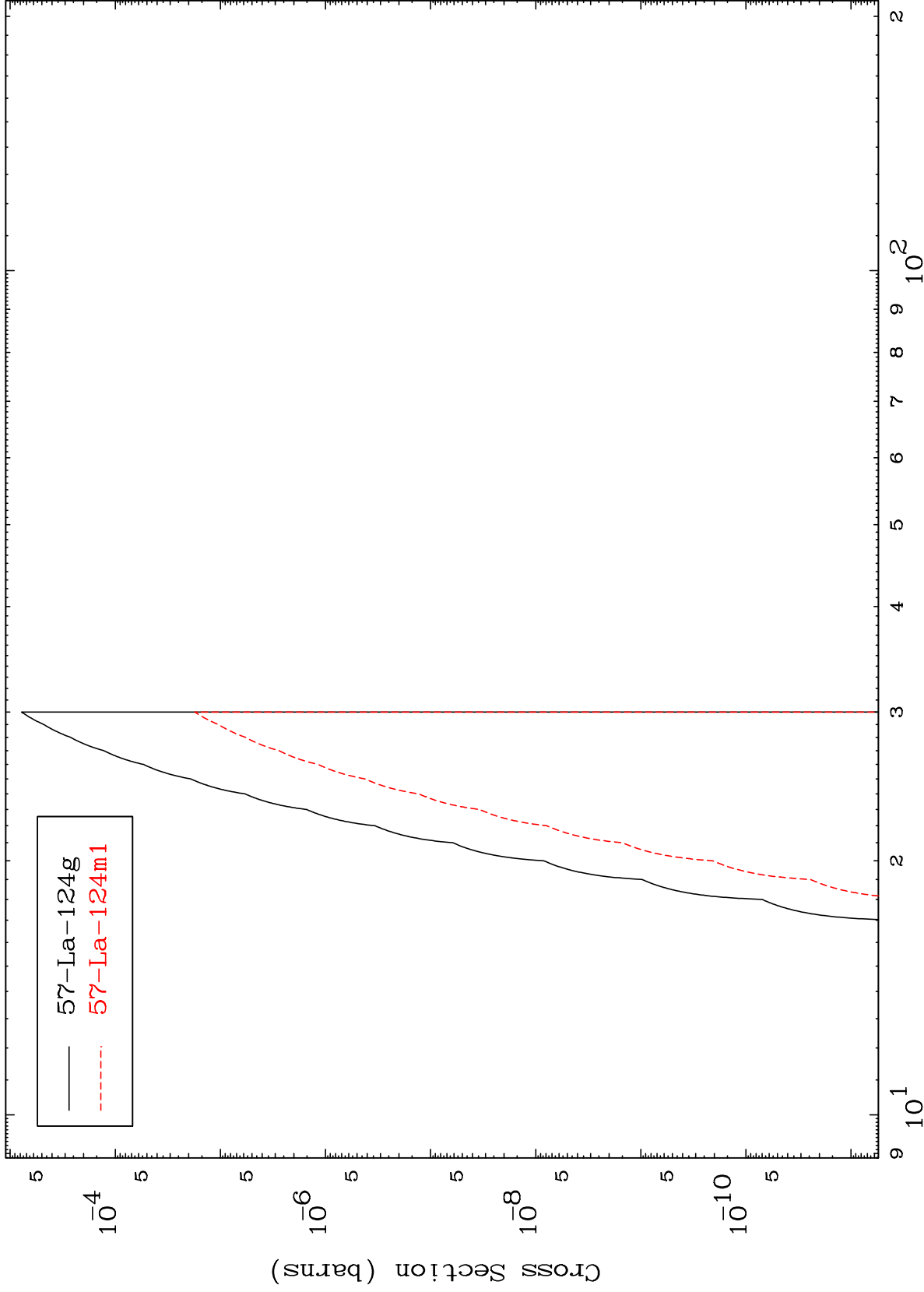


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(n,n') He-3

59-Pr-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

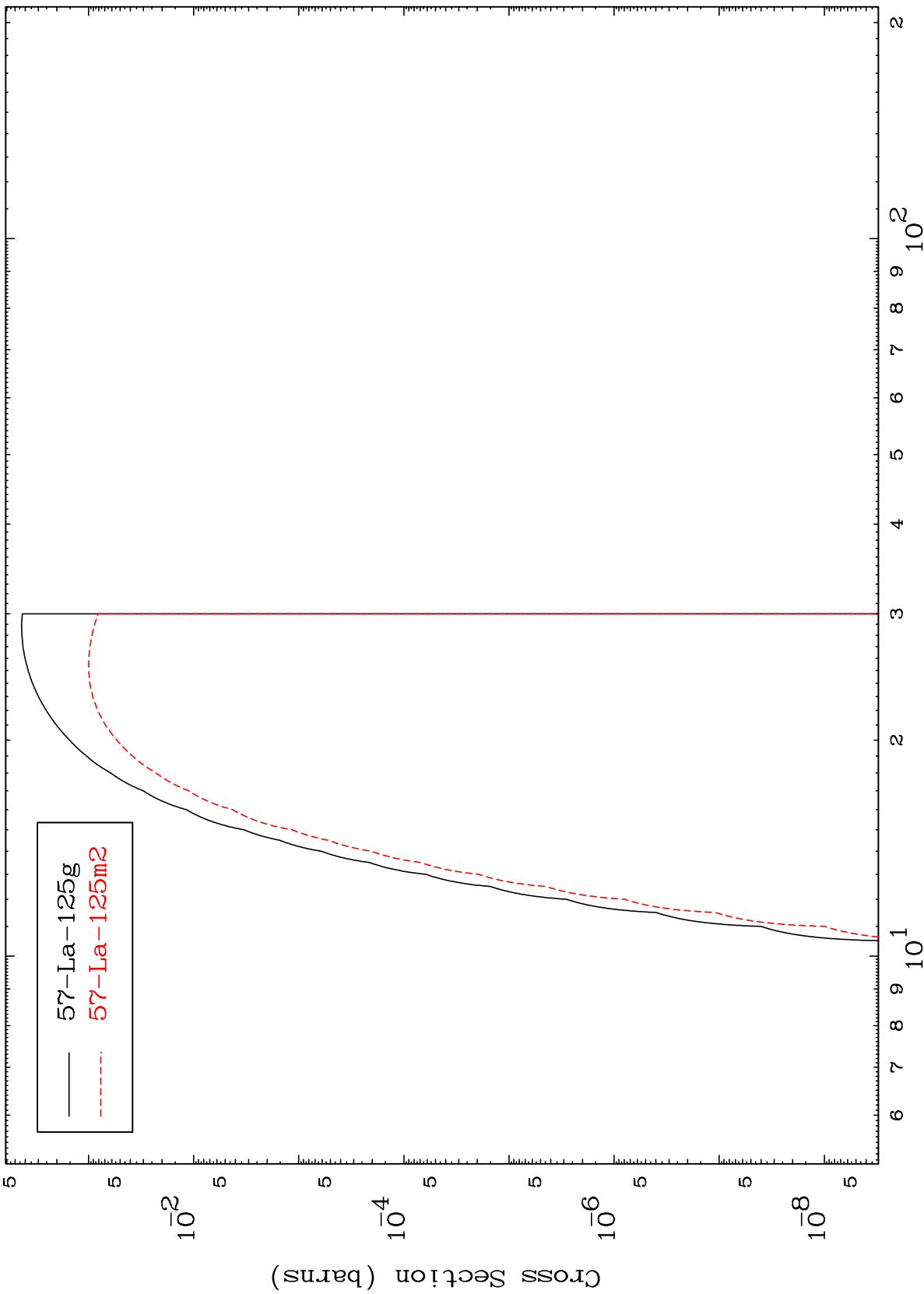
59-Pr-127

MAT 5883

(n,2n) p

59-Pr-127

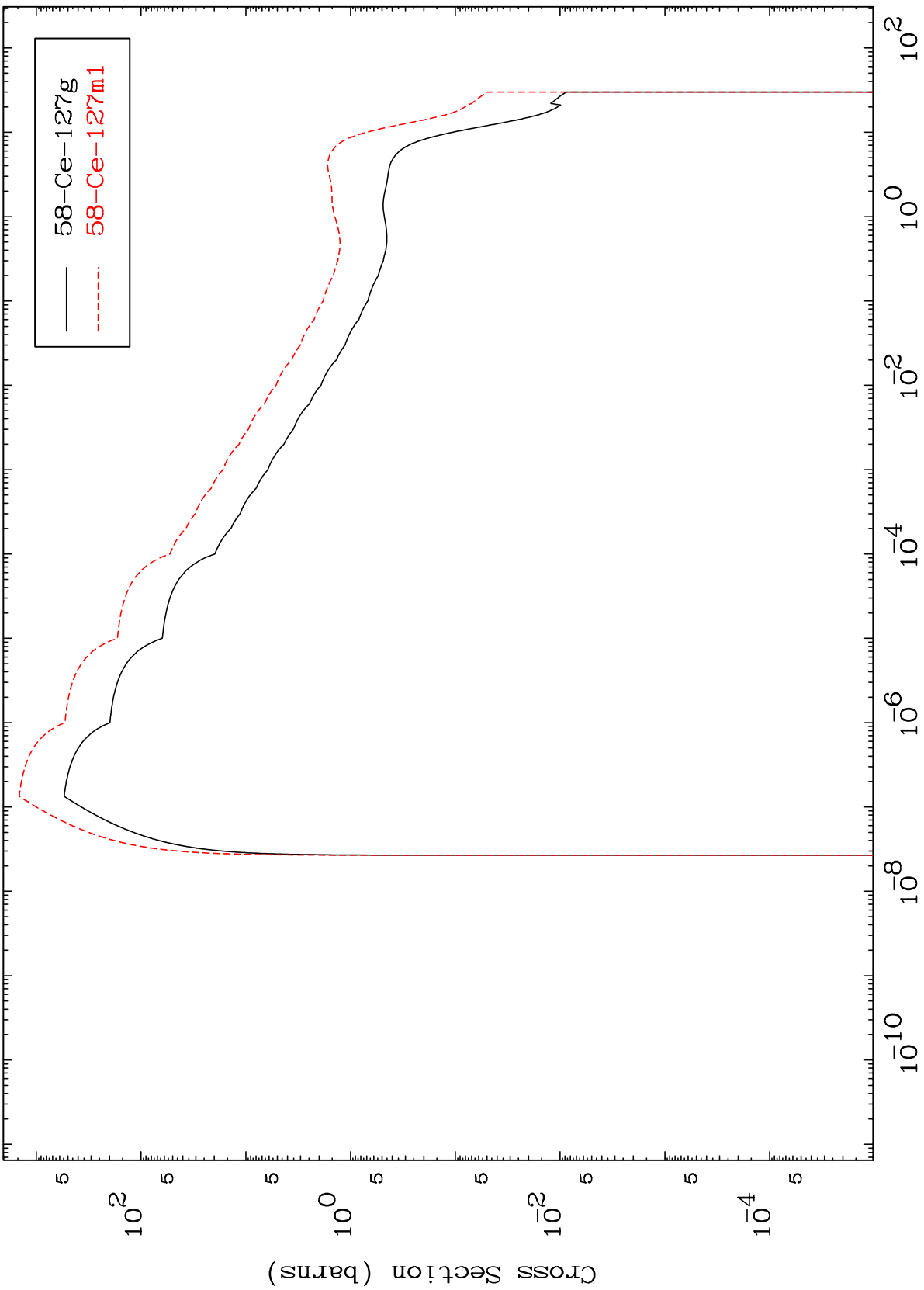
Radionuclide Production Cross Section



MAT 5883

59-Pr-127

(n,p)
Radionuclide Production Cross Section



24

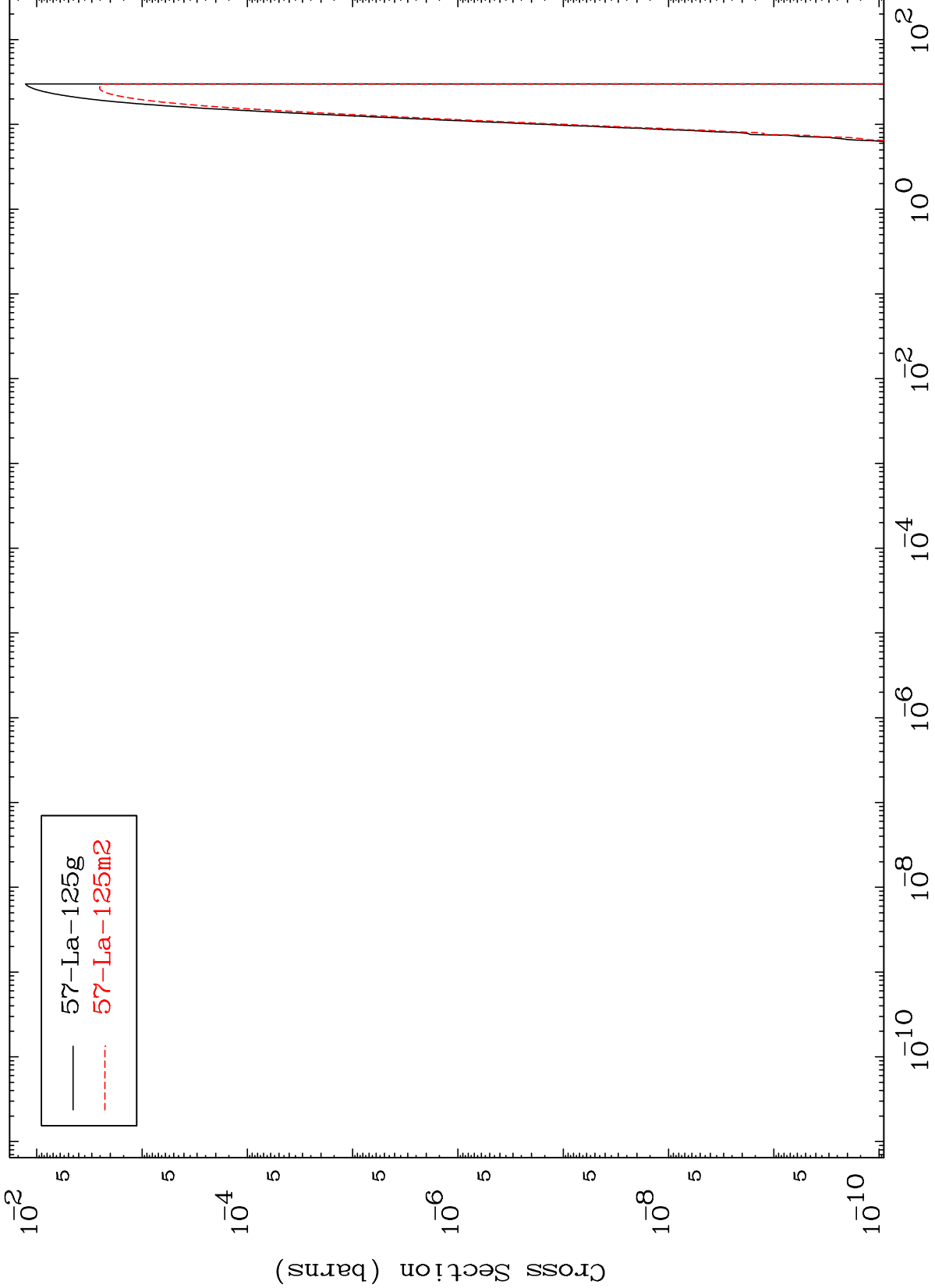
59-Pr-127

MAT 5883

(n,He-3)

59-Pr-127

Radionuclide Production Cross Section

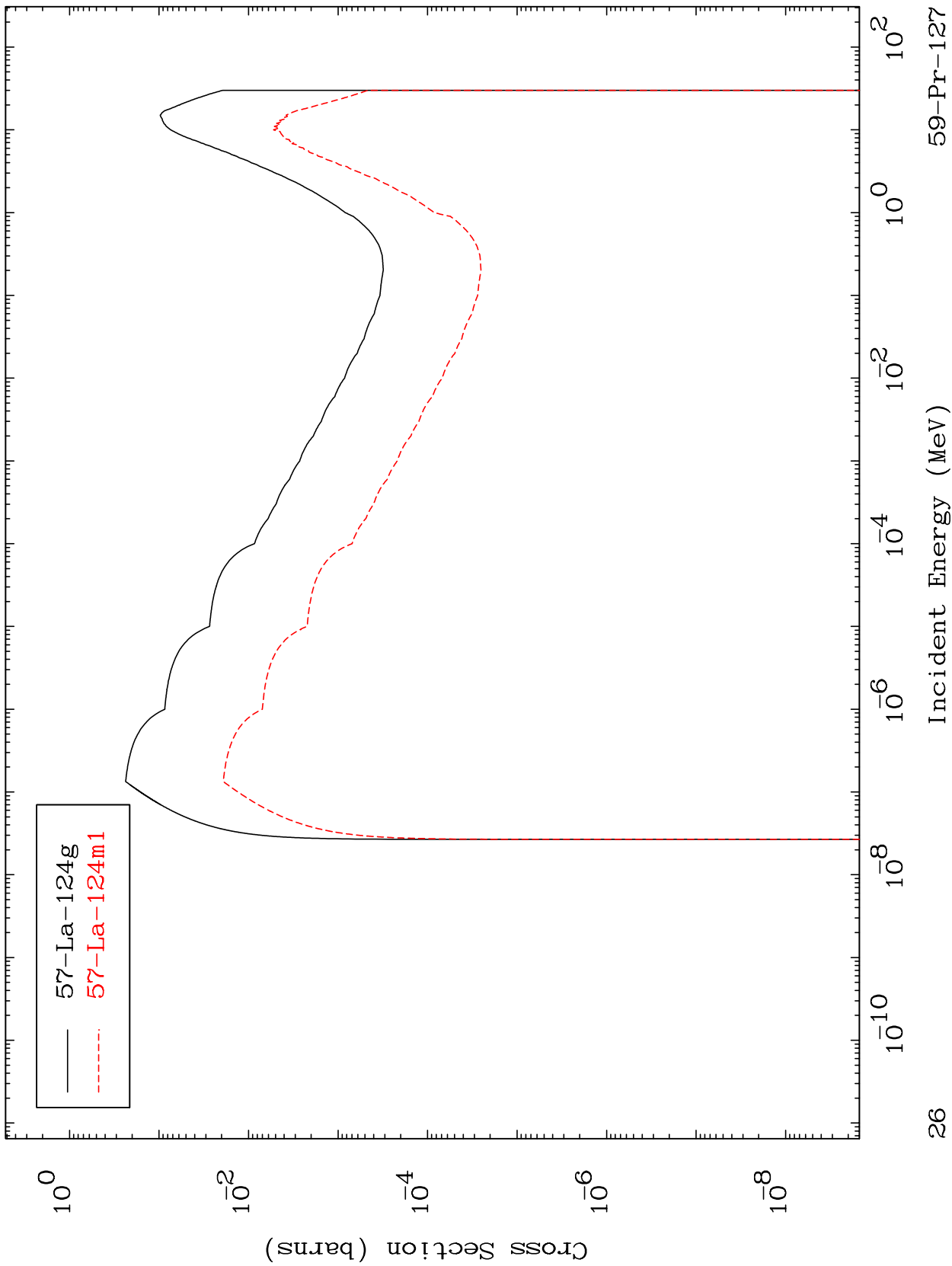


— 57-La-125g
- - - 57-La-125m2

MAT 5883

59-Pr-127

(n, α)
Radionuclide Production Cross Section



26

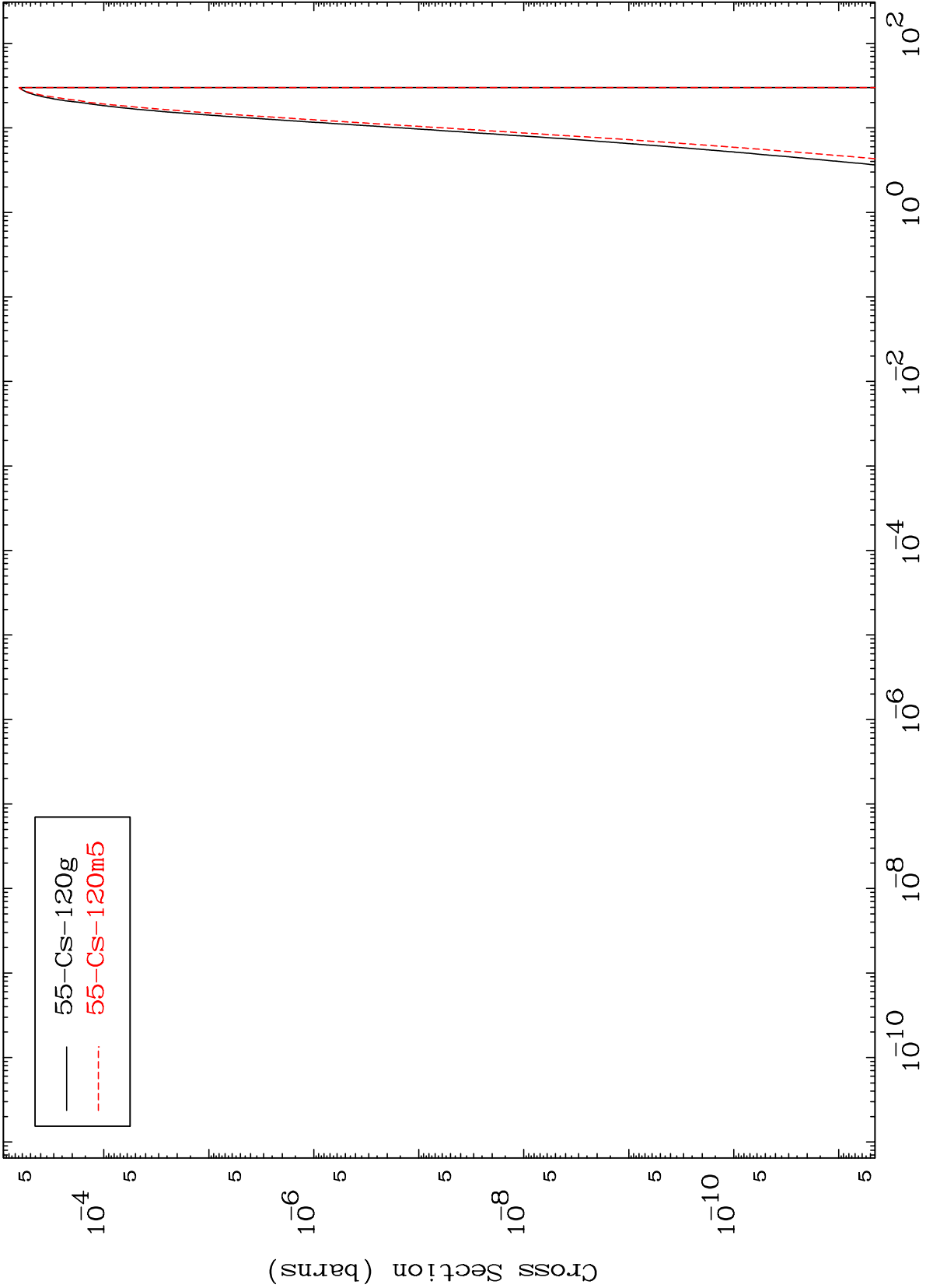
59-Pr-127

MAT 5883

(n,2α)

59-Pr-127

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

Incident Energy (MeV)

59-Pr-127

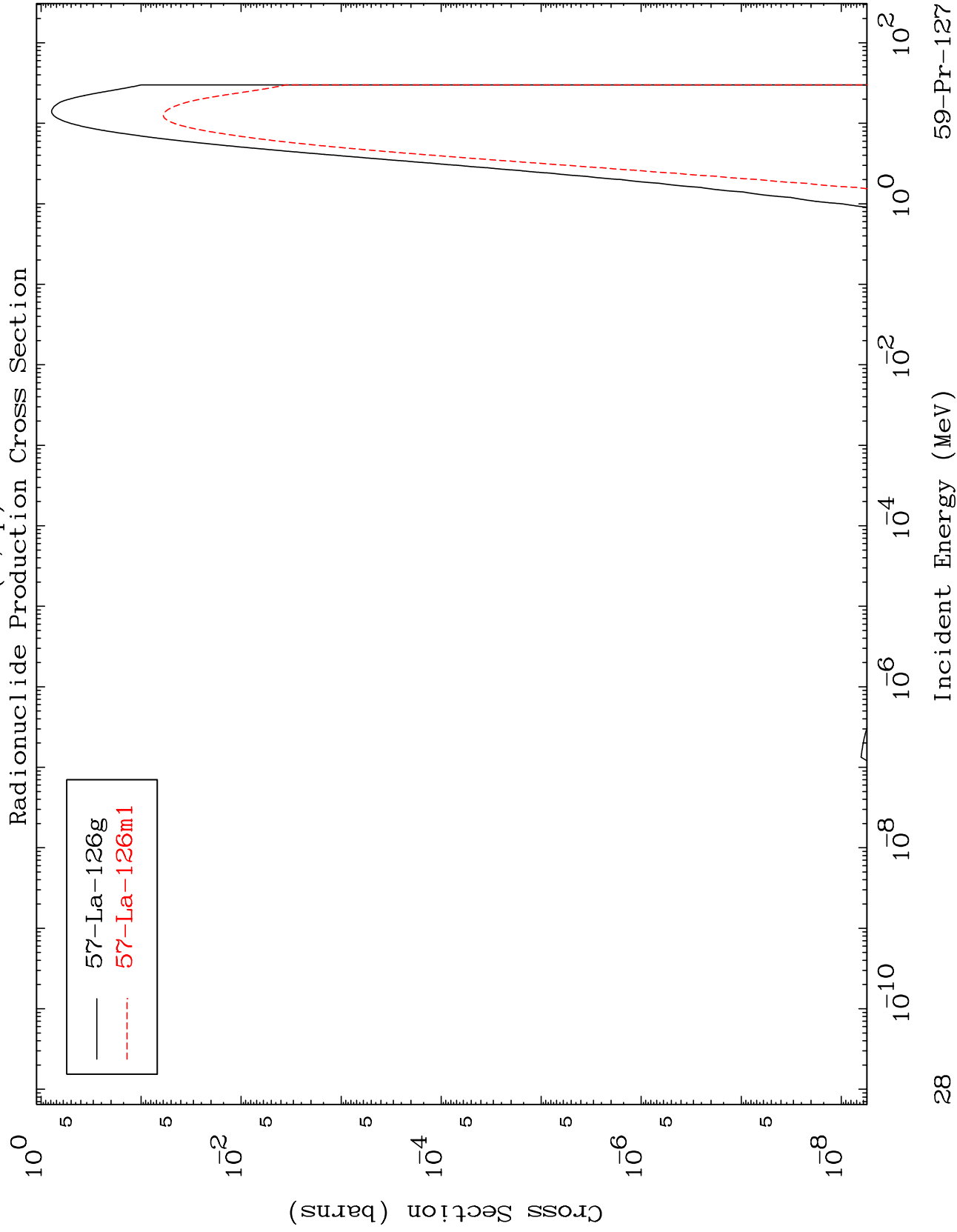
27

MAT 5883

(n,2p)

59-Pr-127

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-127

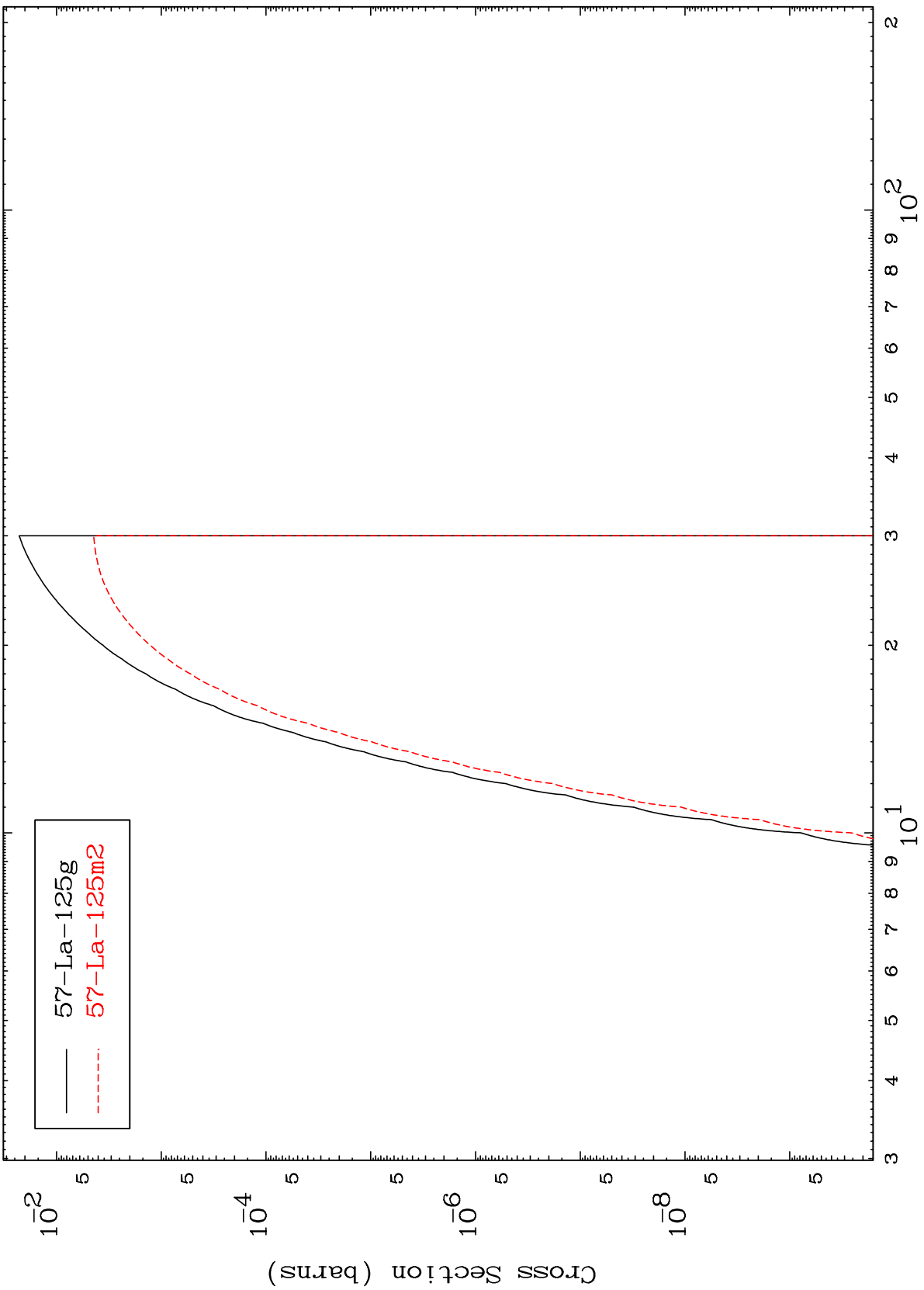
28

MAT 5883

(n,p) d

59-Pr-127

Radionuclide Production Cross Section

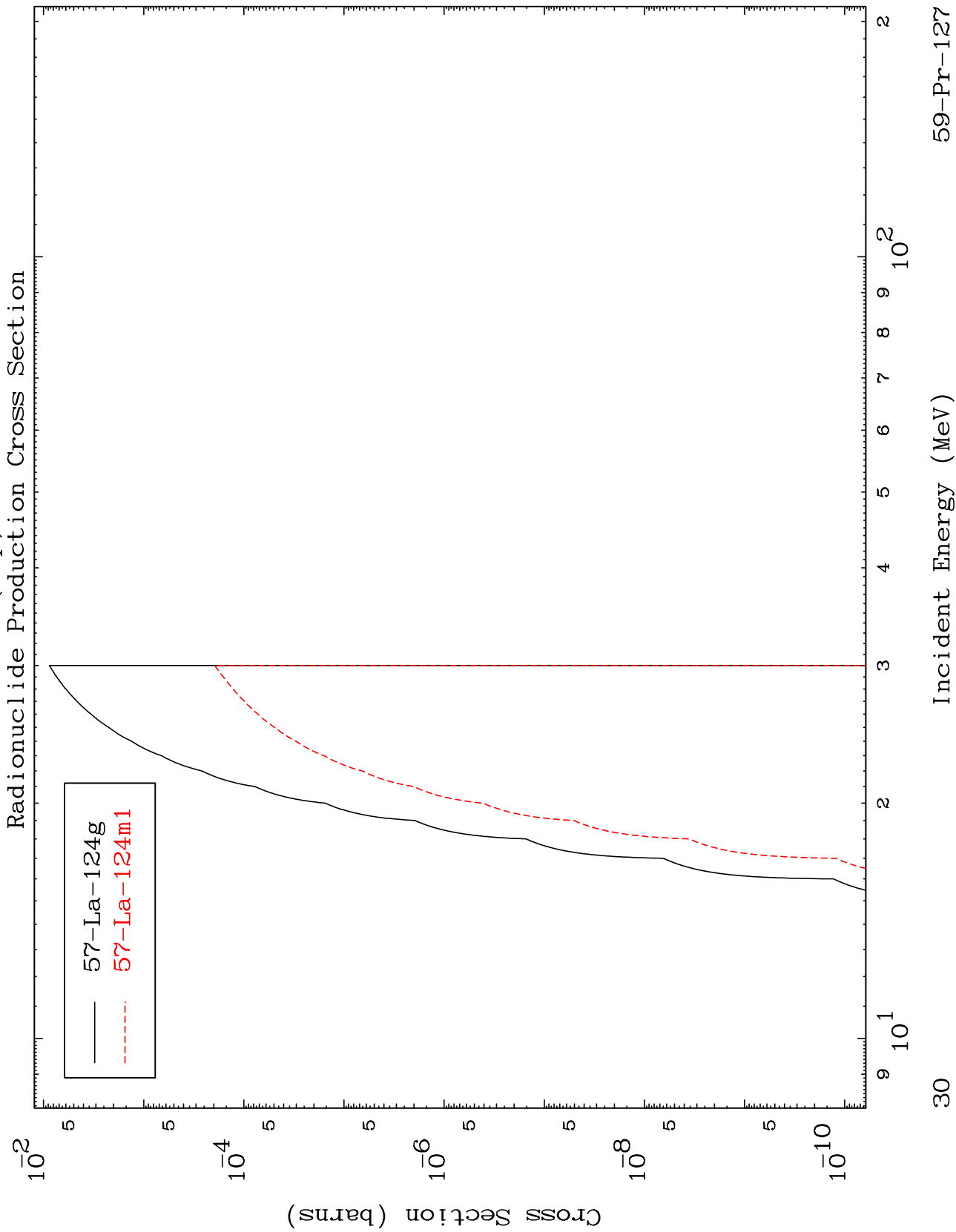


— 57-La-125g
- - - 57-La-125m2

MAT 5883

(n,p) t

59-Pr-127



30

59-Pr-127