

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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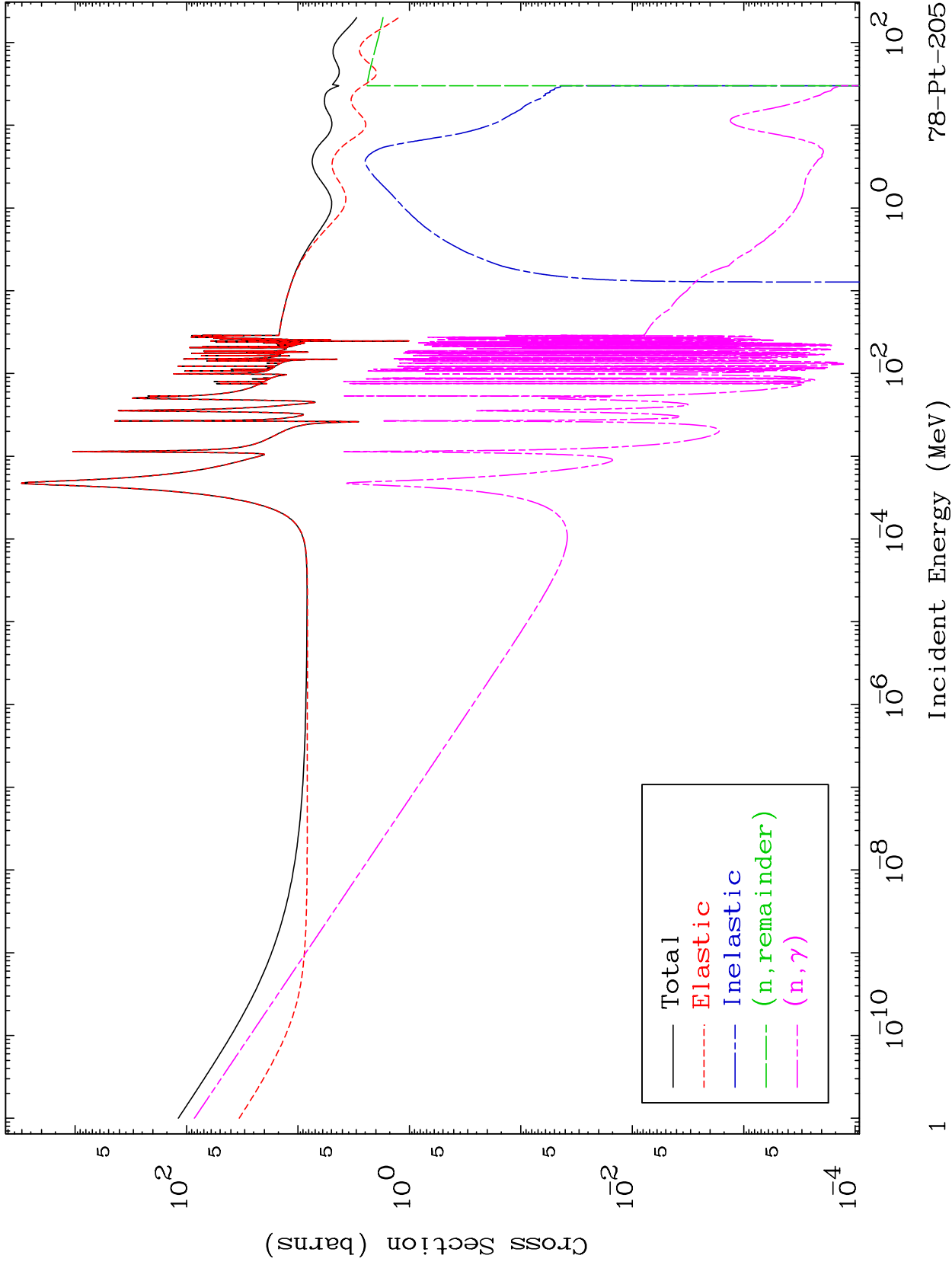
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7870

Major  
293 Kelvin Cross Sections

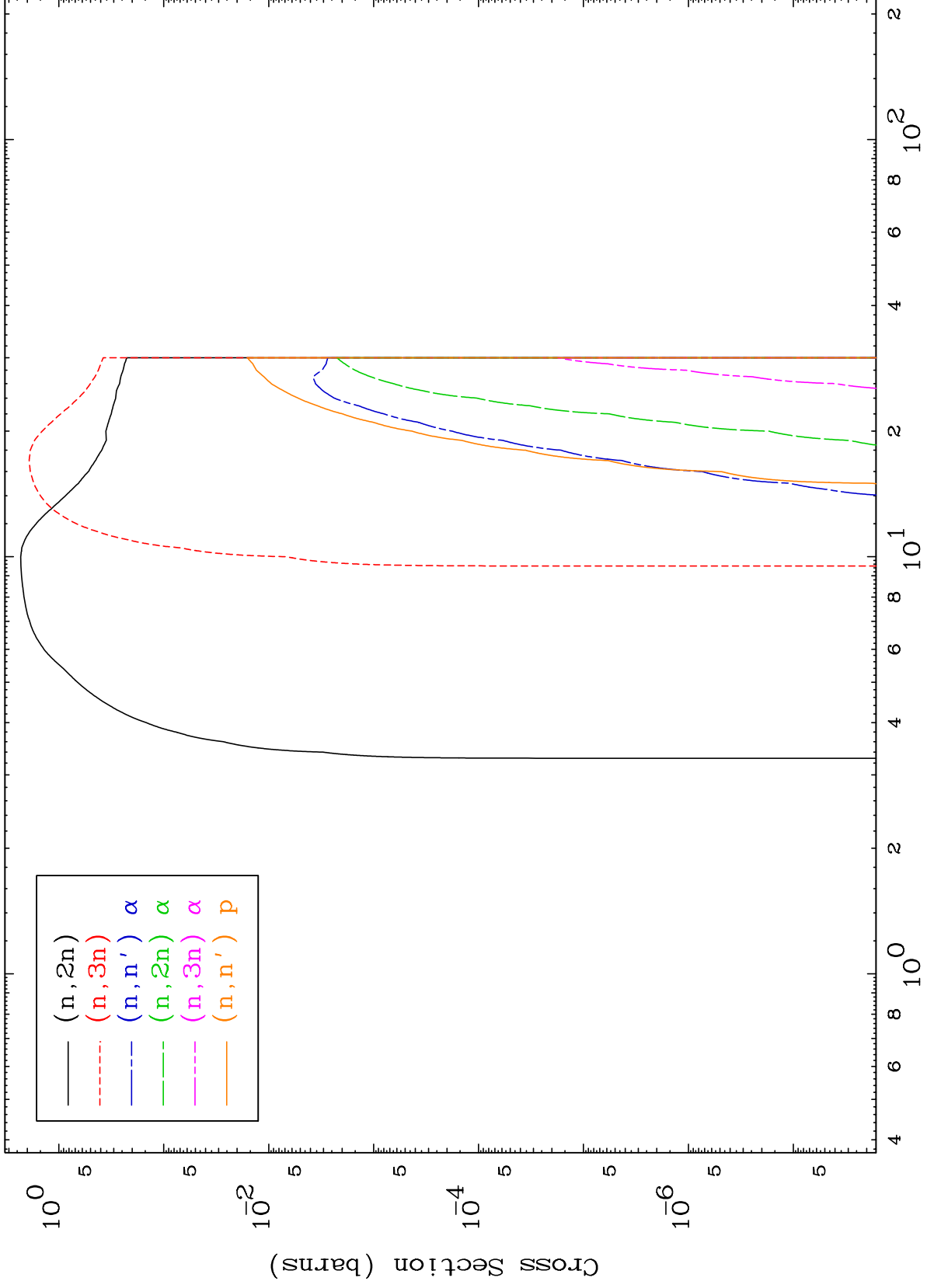
78-Pt-205



MAT 7870

Neutron Production  
293 Kelvin Cross Sections

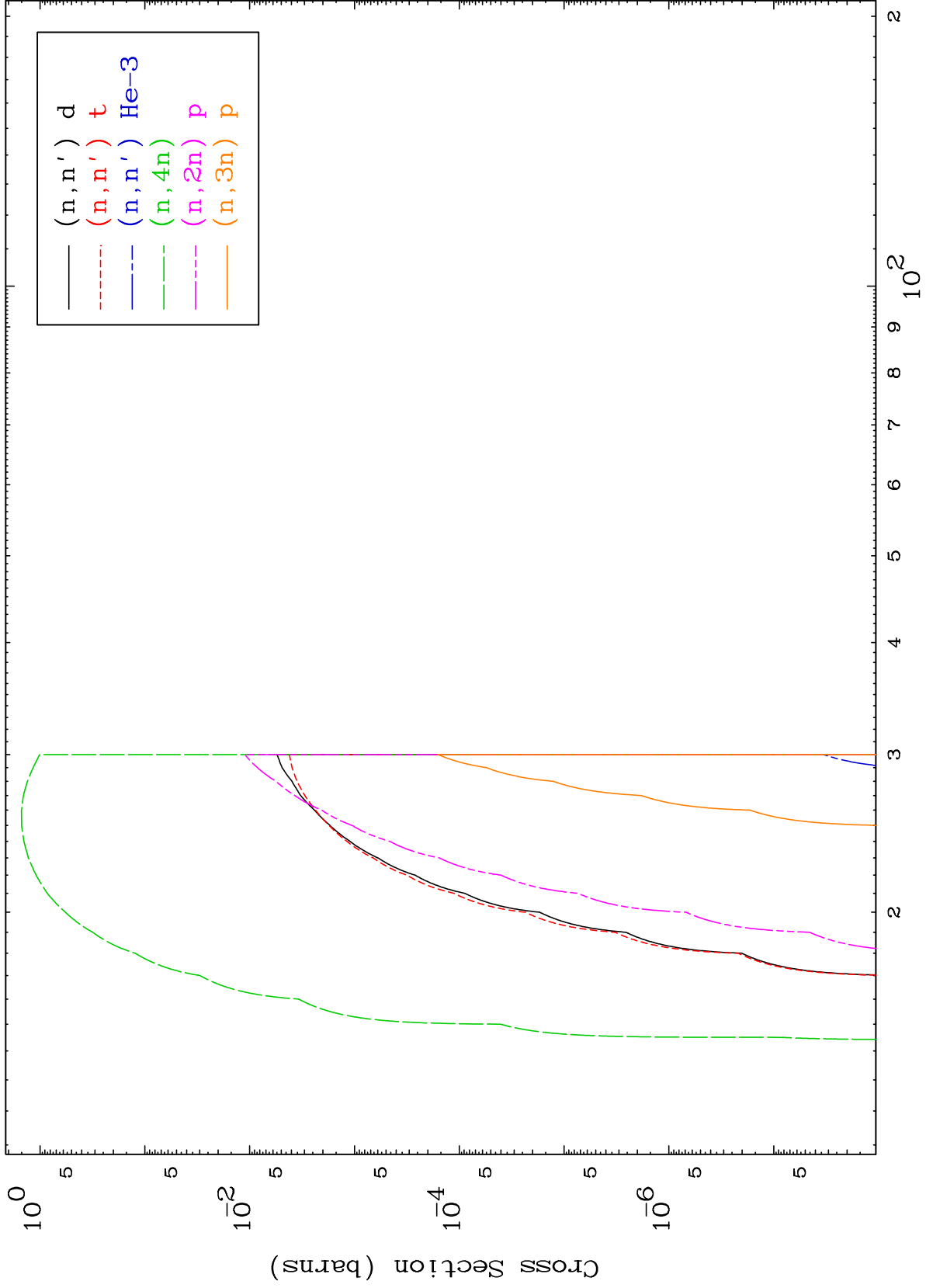
78-Pt-205



Incident Energy (MeV)

78-Pt-205

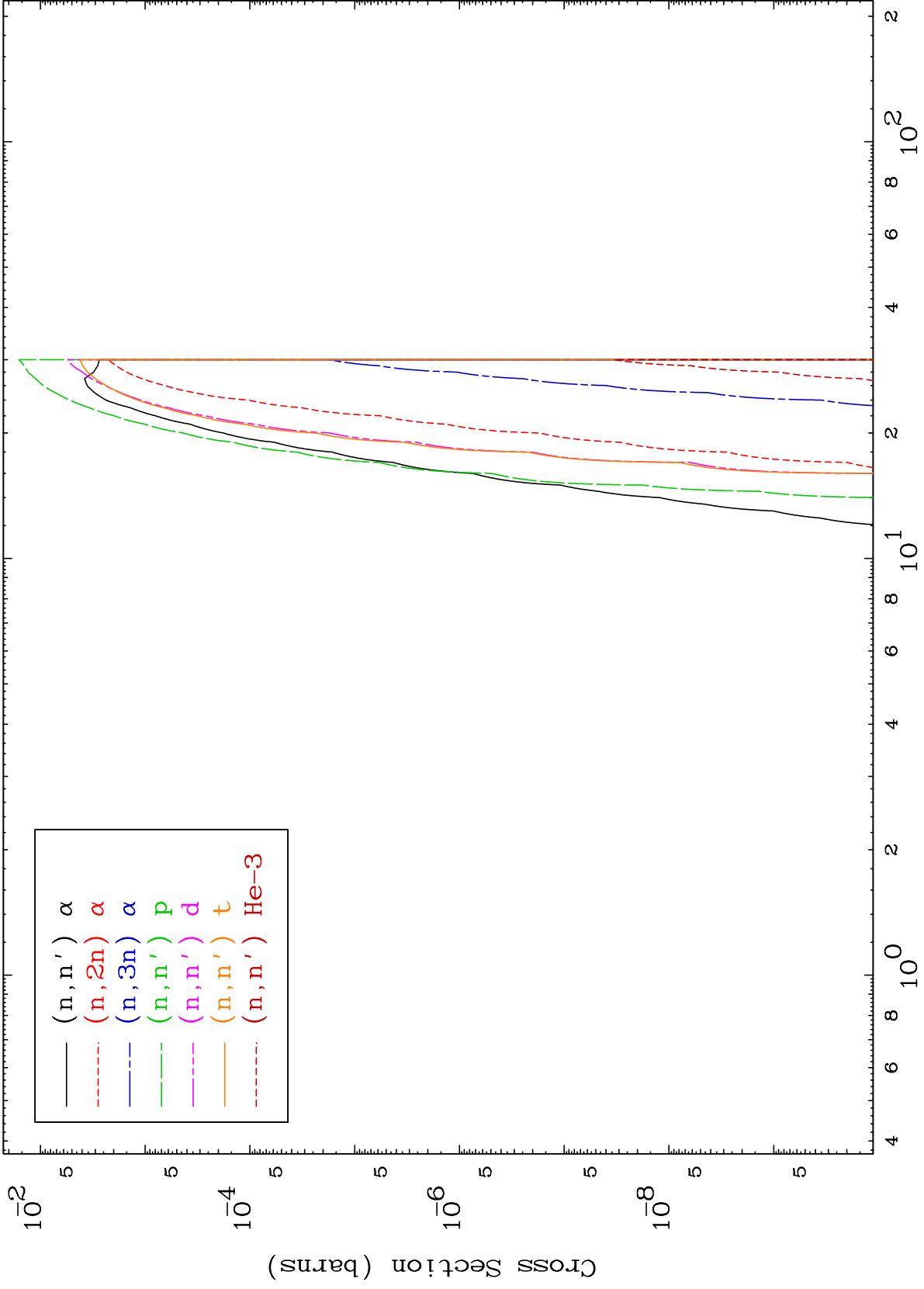
2



MAT 7870

Charged Particle  
293 Kelvin Cross Sections

78-Pt-205



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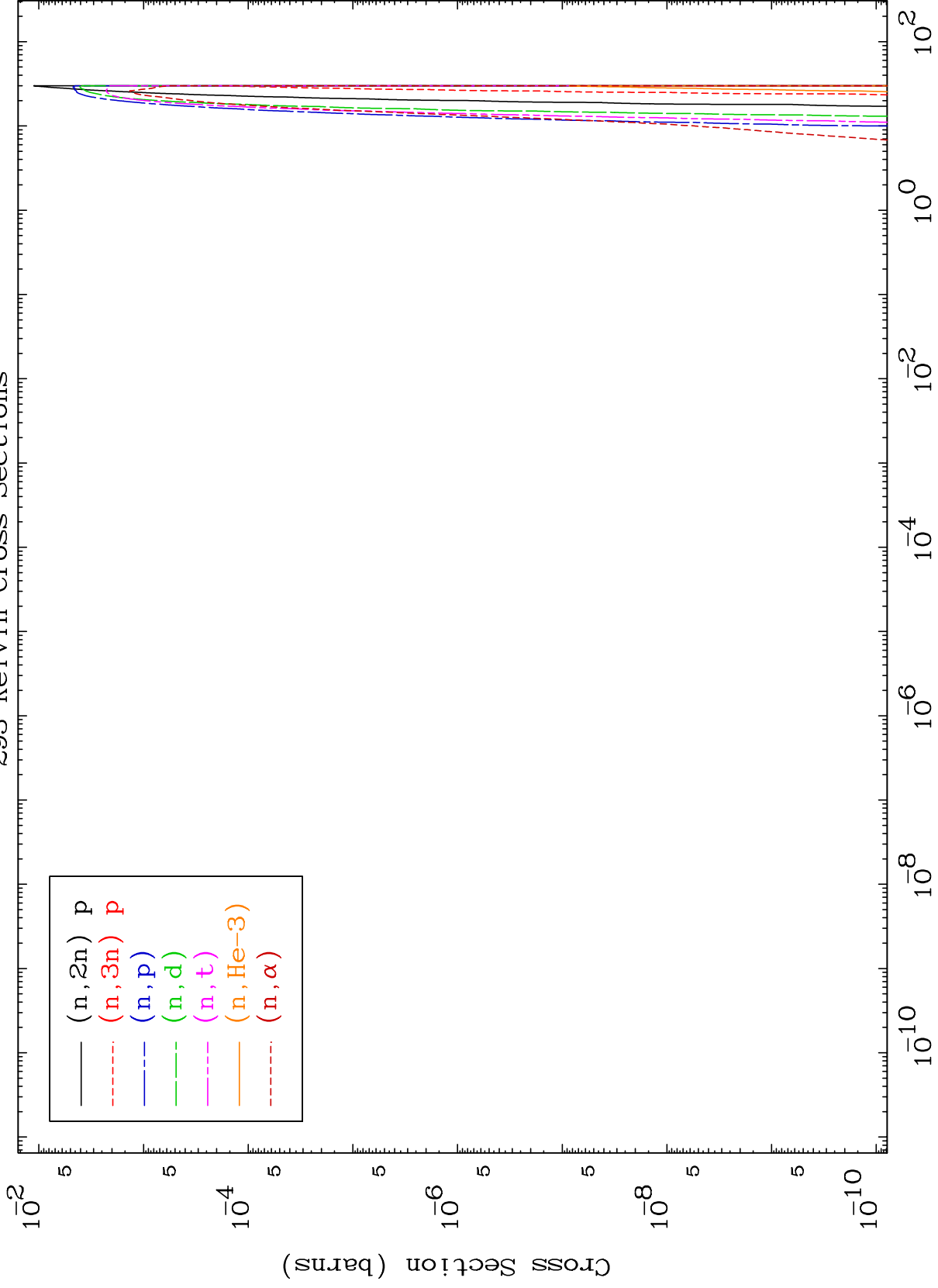
Incident Energy (MeV)

78-Pt-205

MAT 7870

Charged Particle  
293 Kelvin Cross Sections

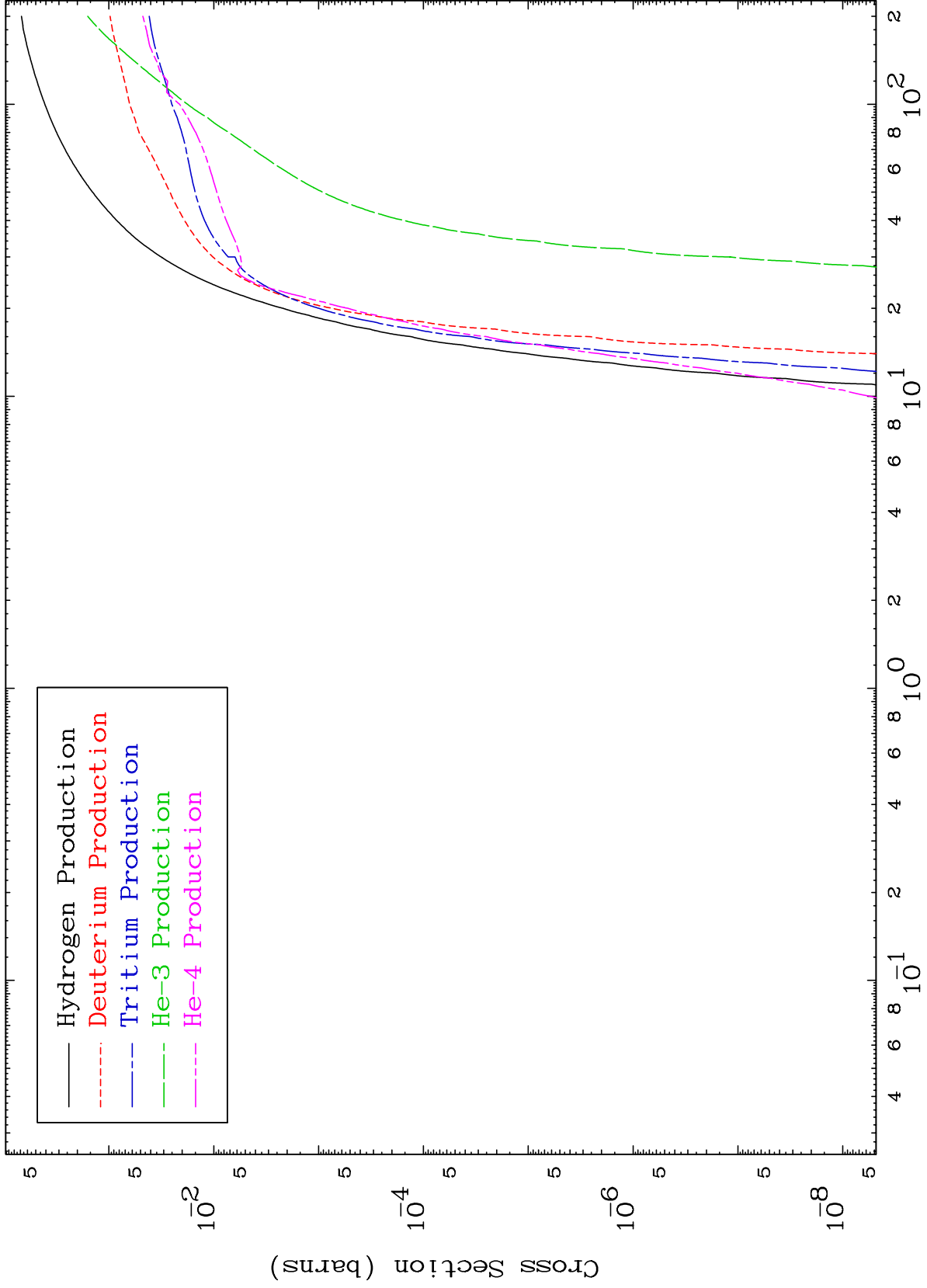
78-Pt-205



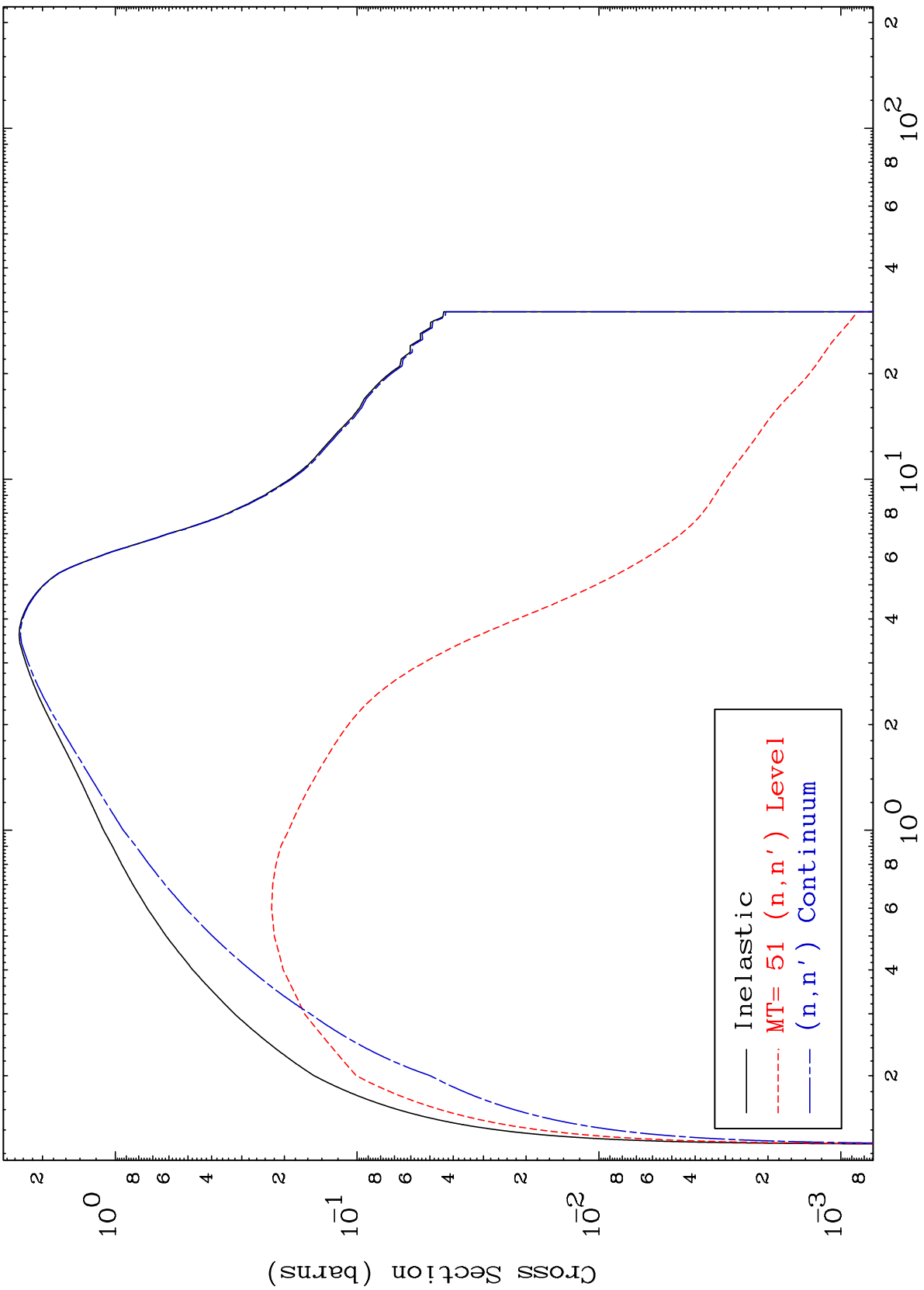
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Particle Production  
293 Kelvin Cross Sections

78-Pt-205



(n,n') Level  
293 Kelvin Cross Sections

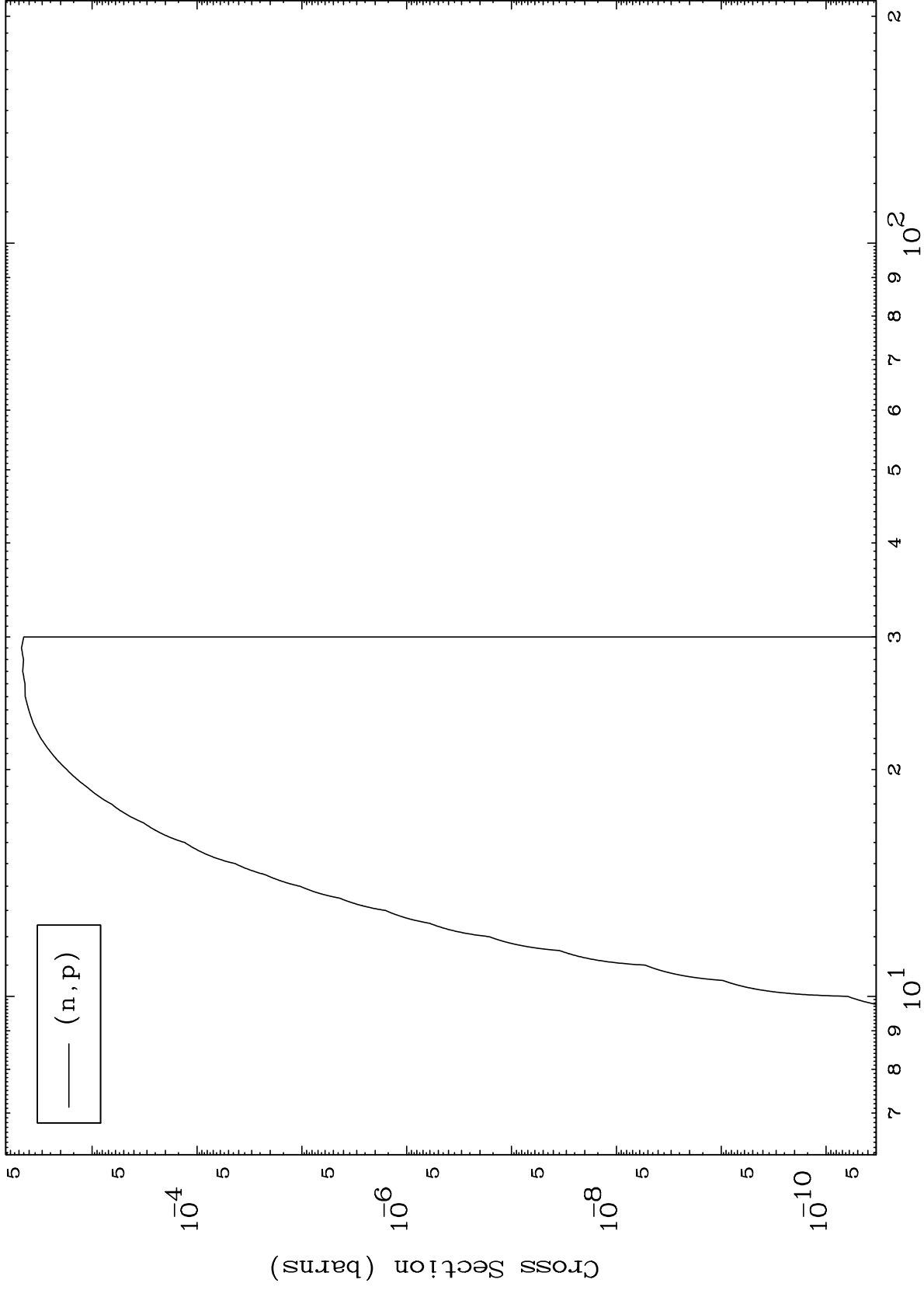




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(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-205



8

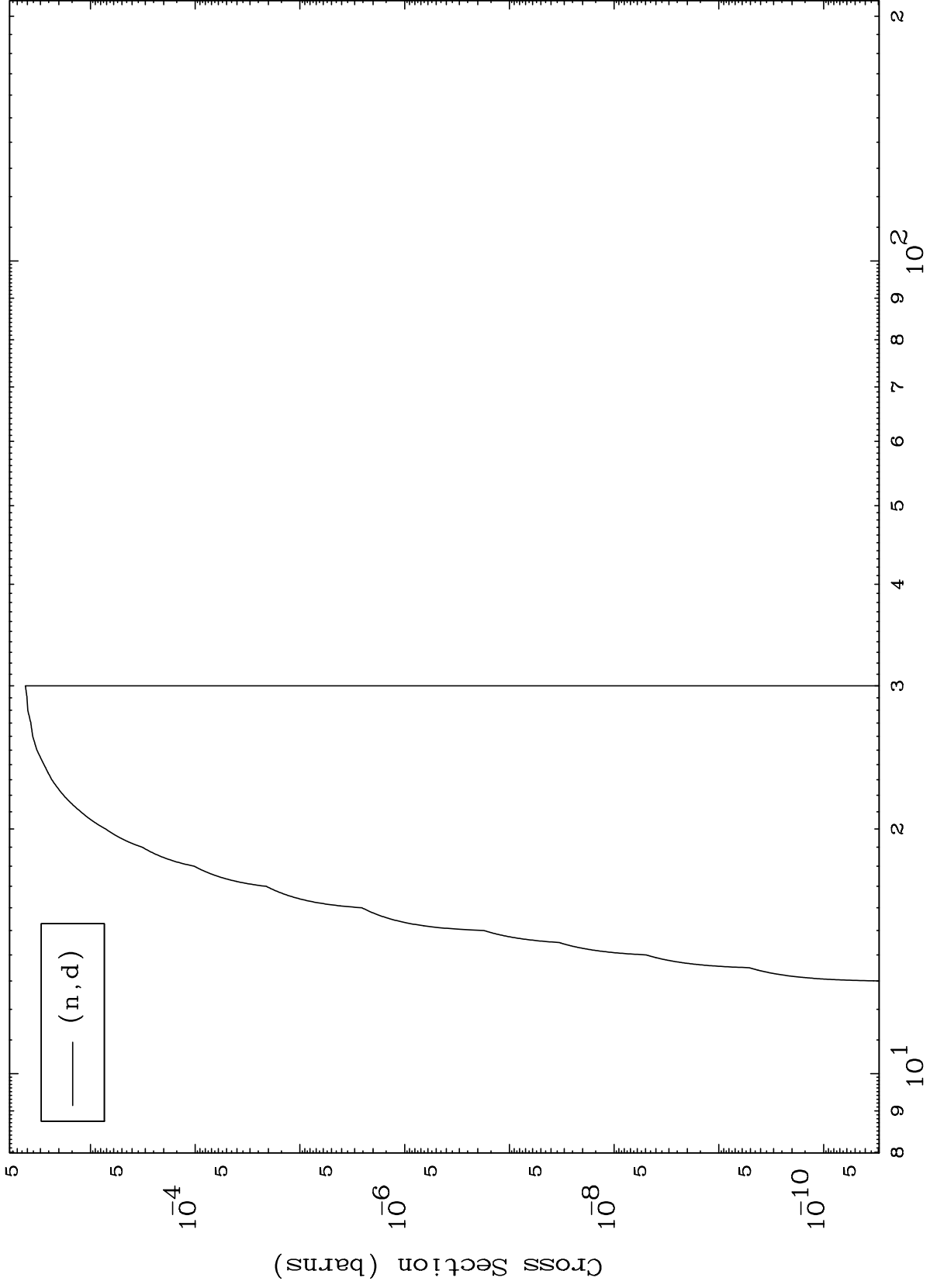
Incident Energy (MeV)

78-Pt-205

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(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-205



9

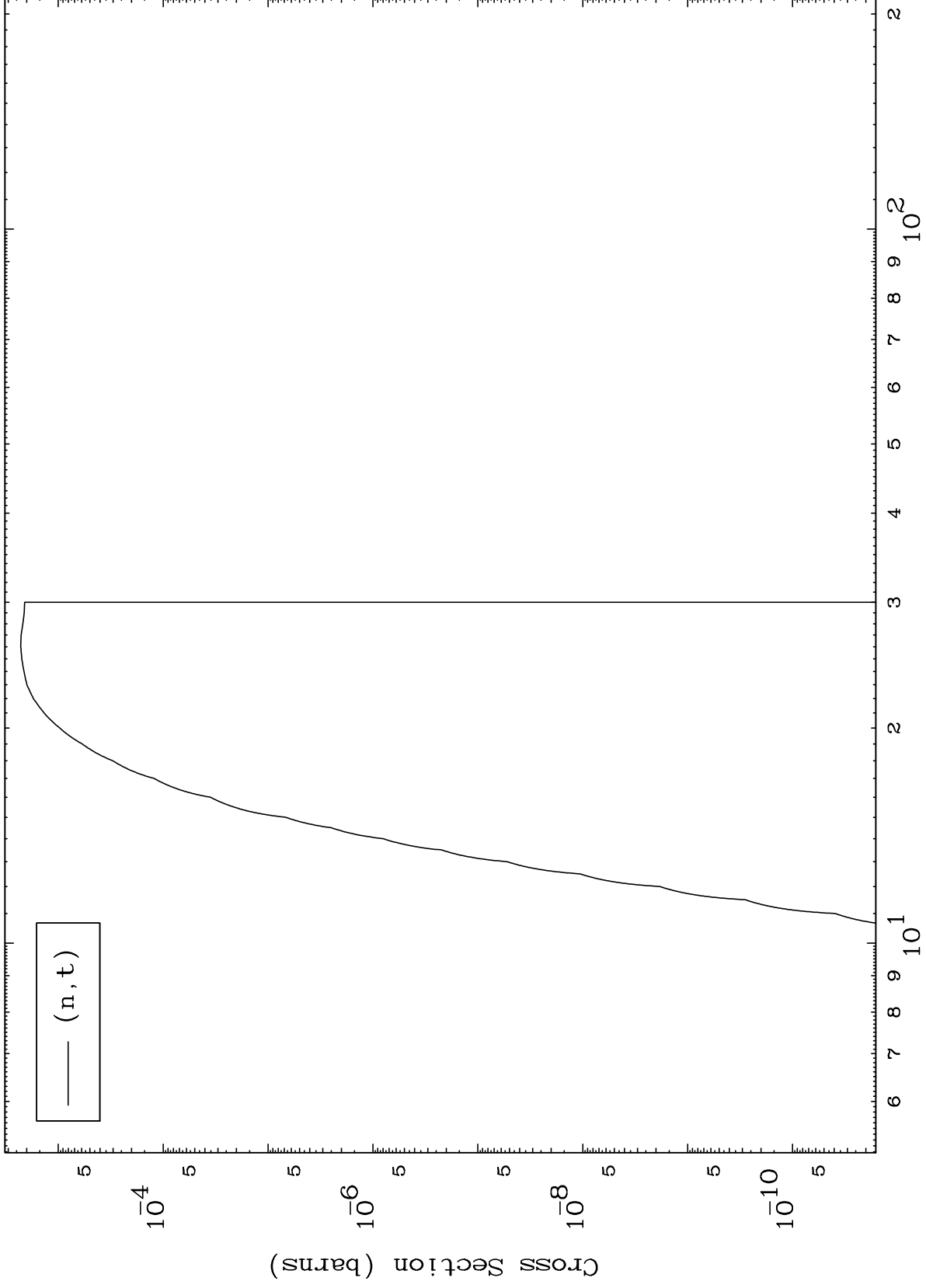
Incident Energy (MeV)

78-Pt-205

MAT 7870

(n, t) Levels  
293 Kelvin Cross Sections

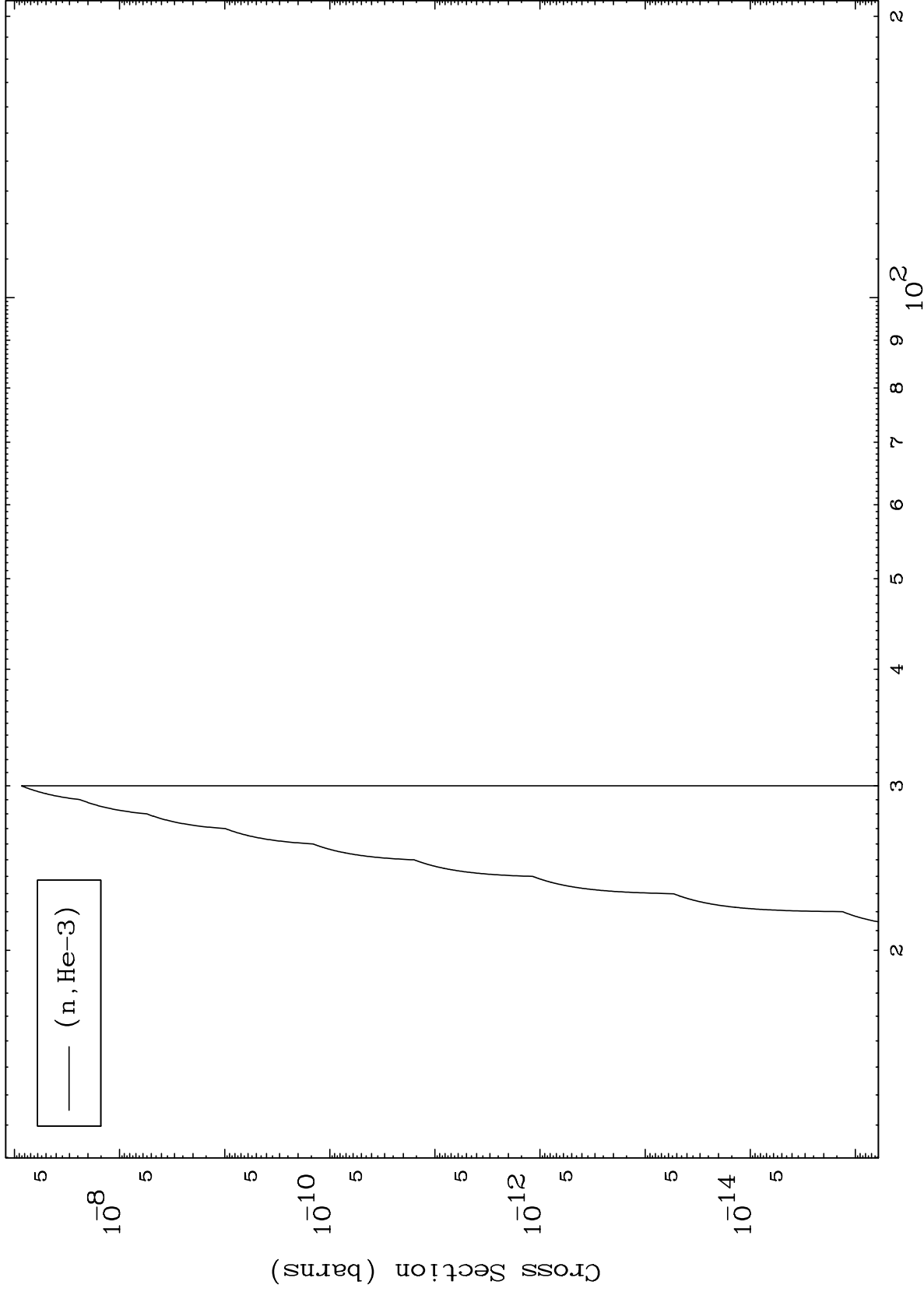
78-Pt-205



10

Incident Energy (MeV)

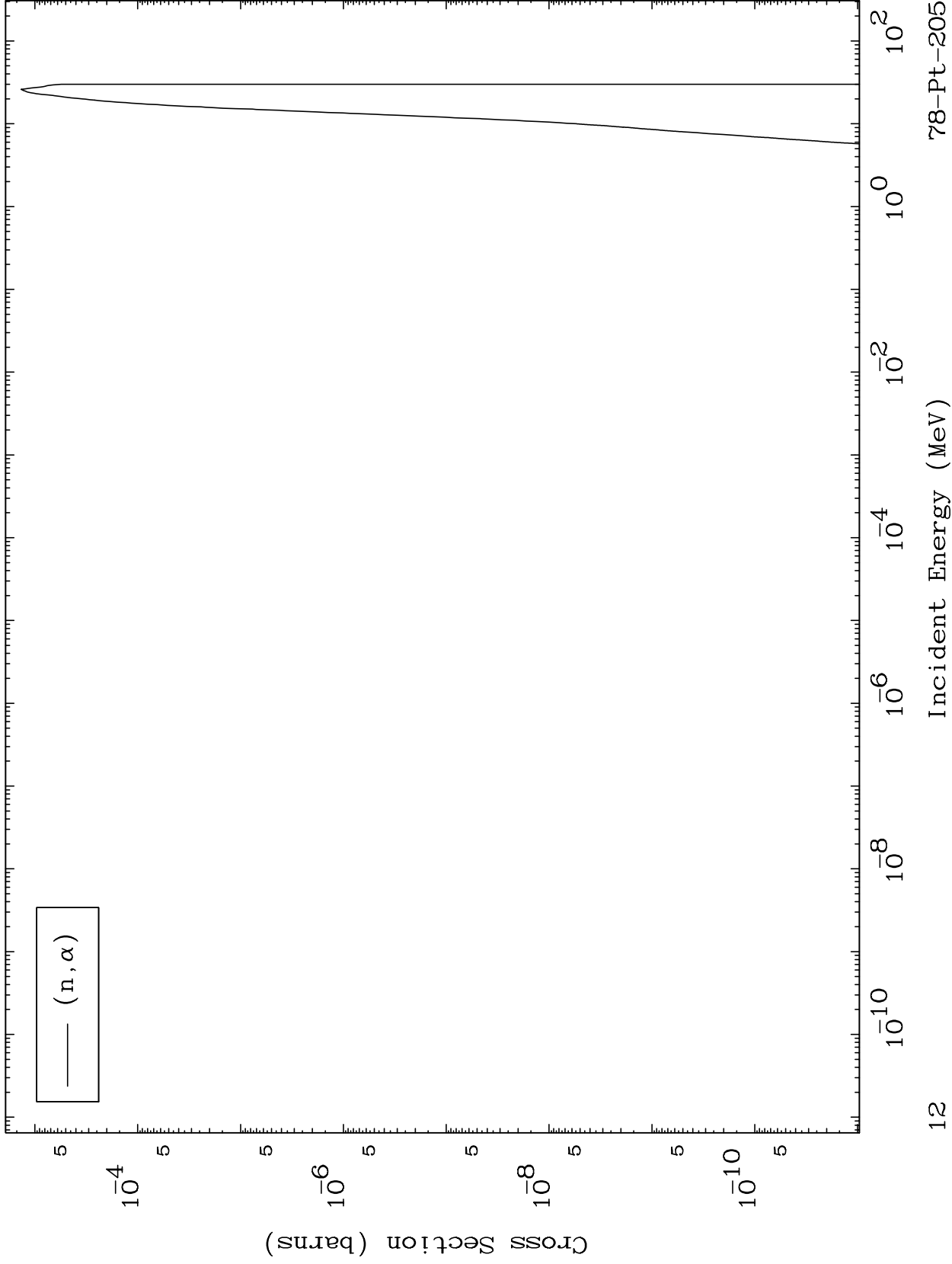
78-Pt-205

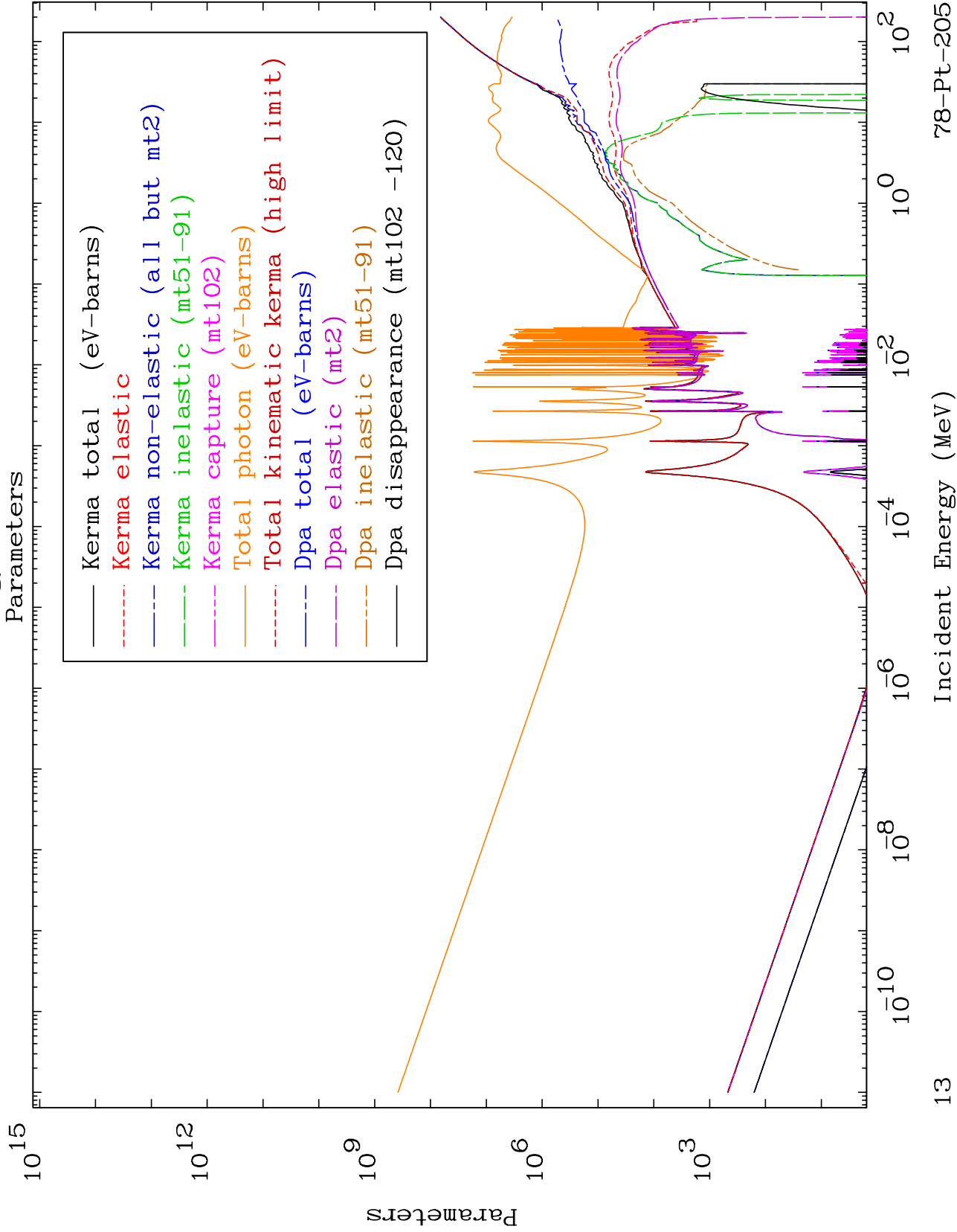


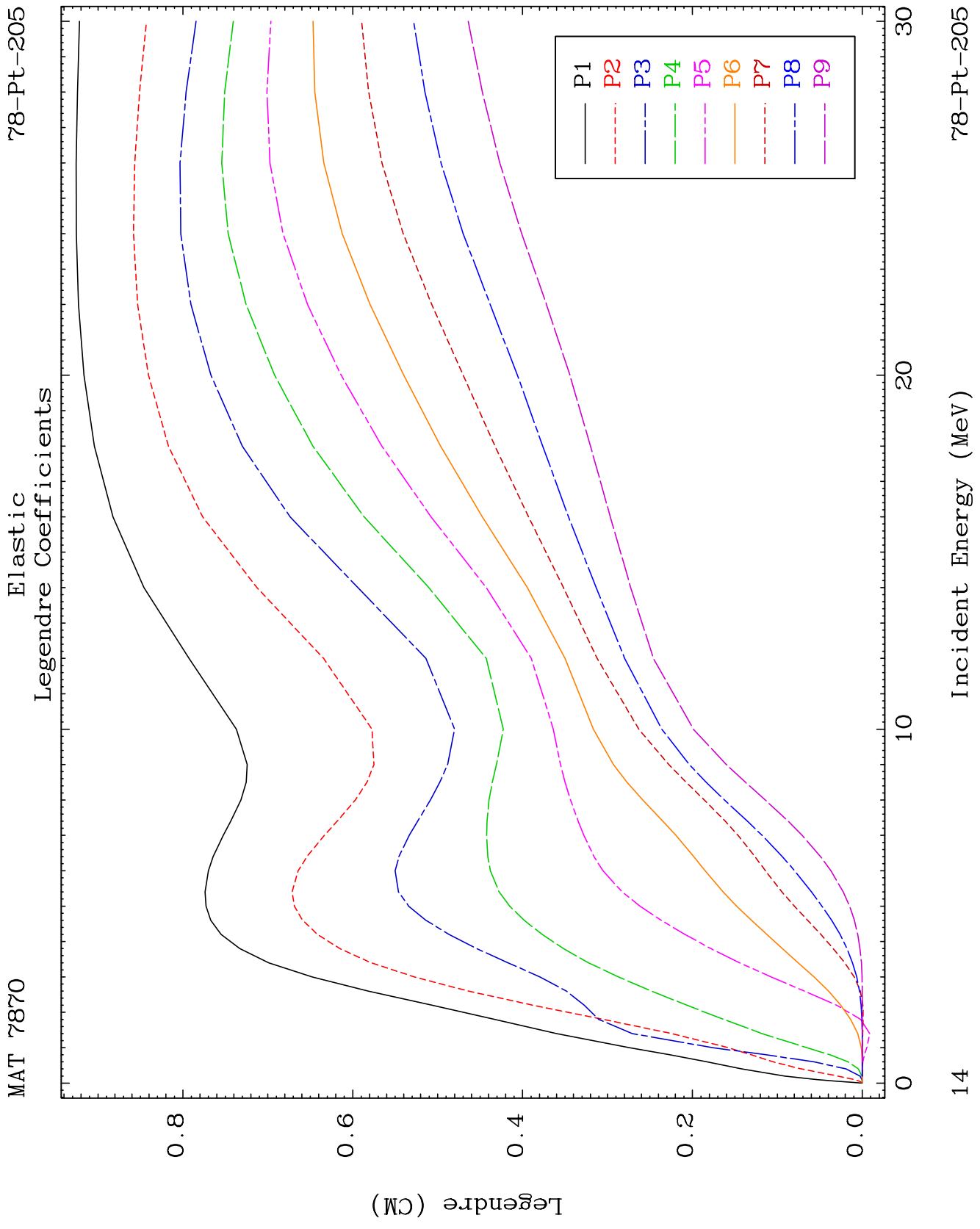
MAT 7870

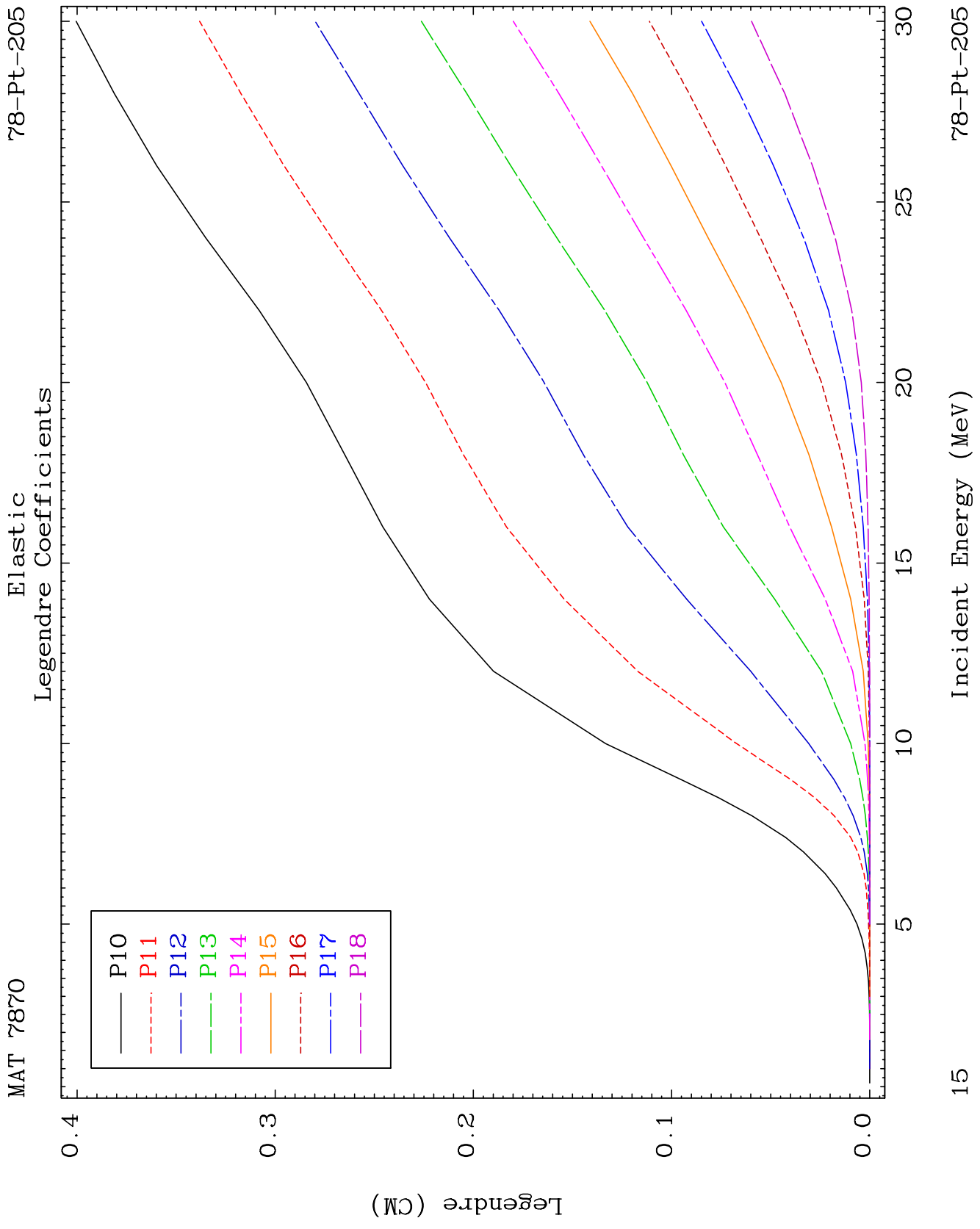
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

78-Pt-205







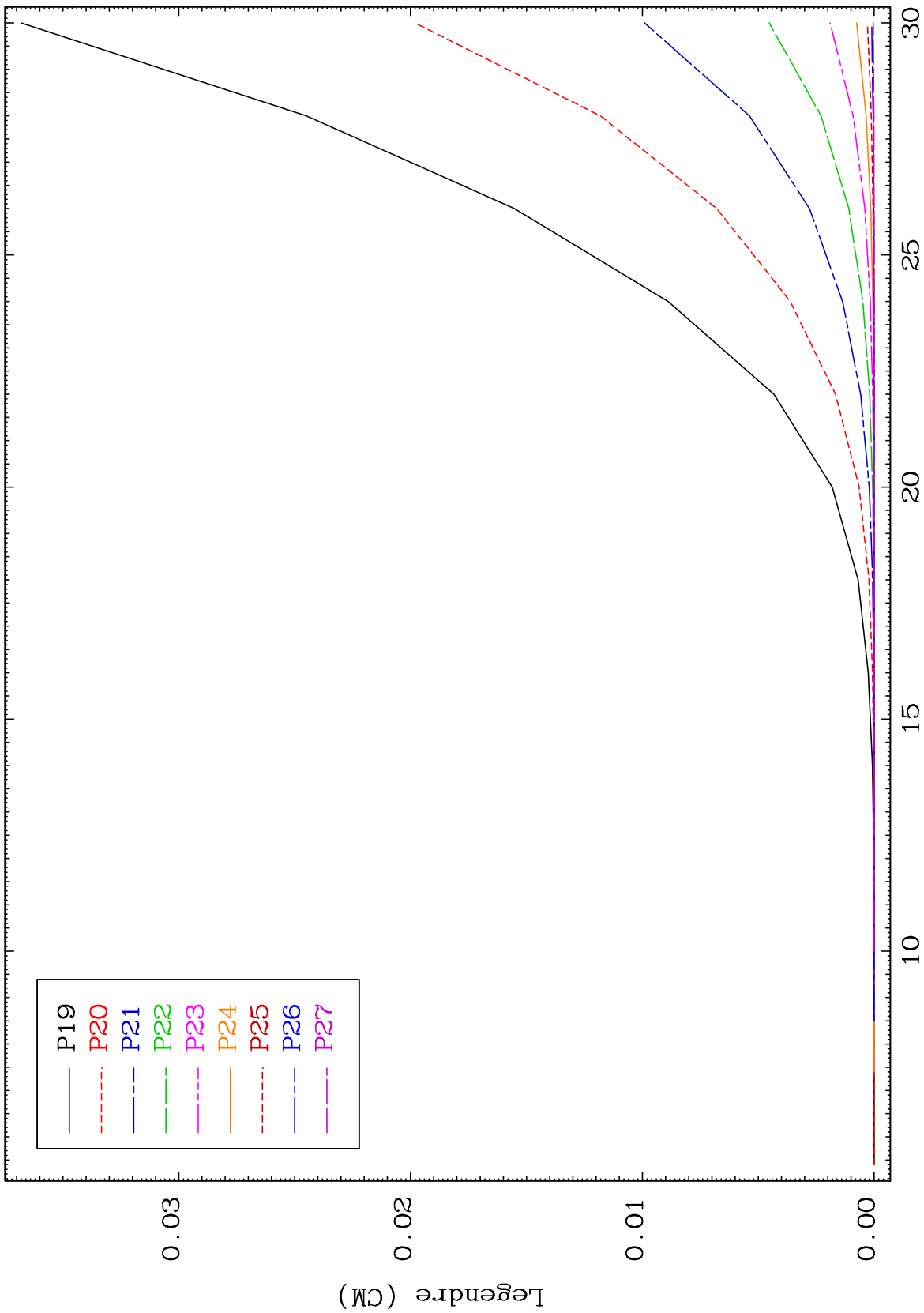




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Elastic  
Legendre Coefficients

78-Pt-205



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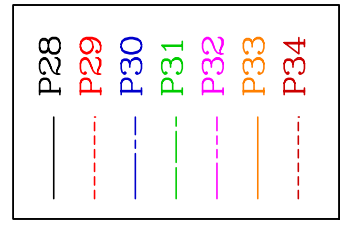
Incident Energy (MeV)

78-Pt-205

MAT 7870

Elastic Legendre Coefficients

78-Pt-205



$\times 10^{-5}$

1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

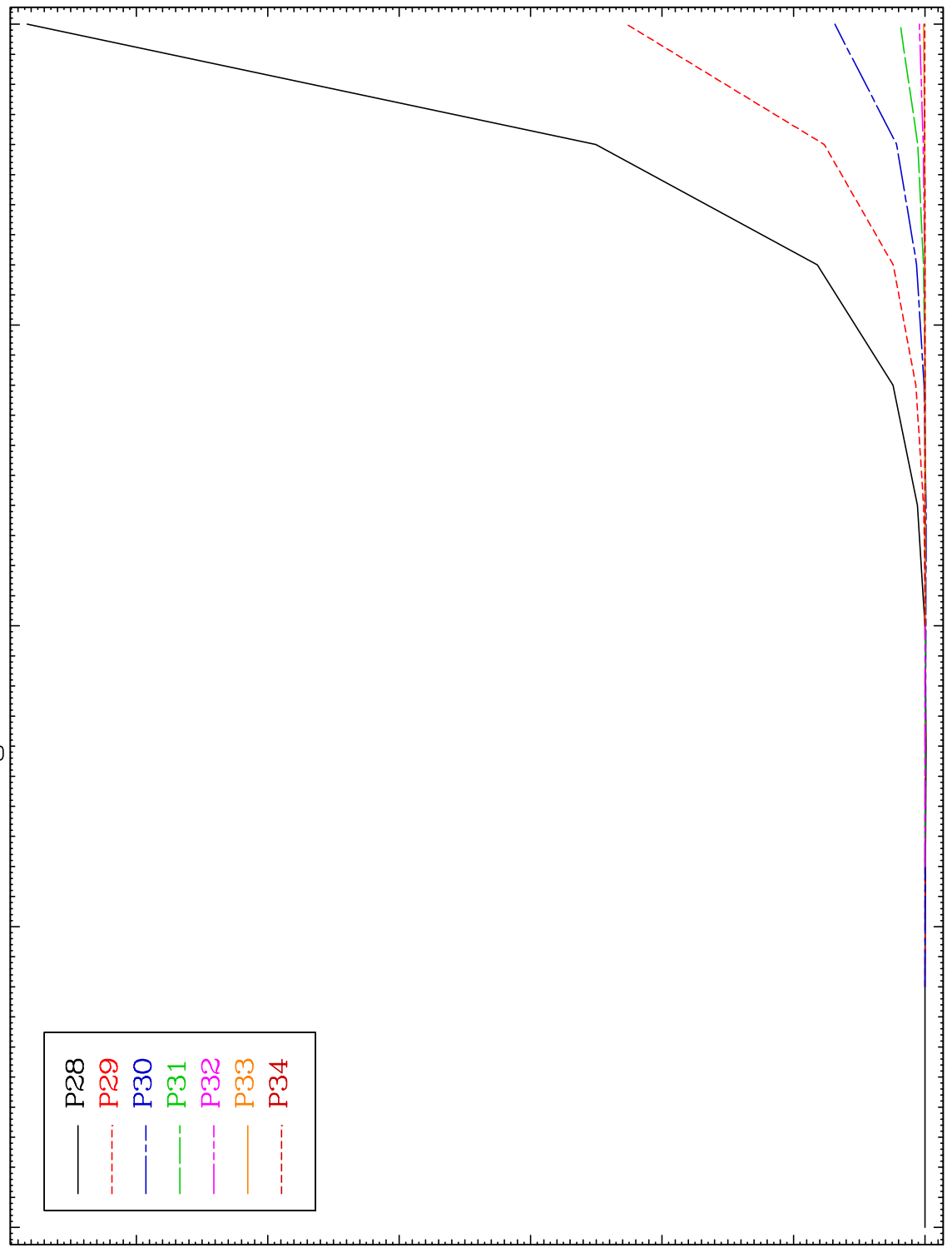
25

30

17

Incident Energy (MeV)

78-Pt-205

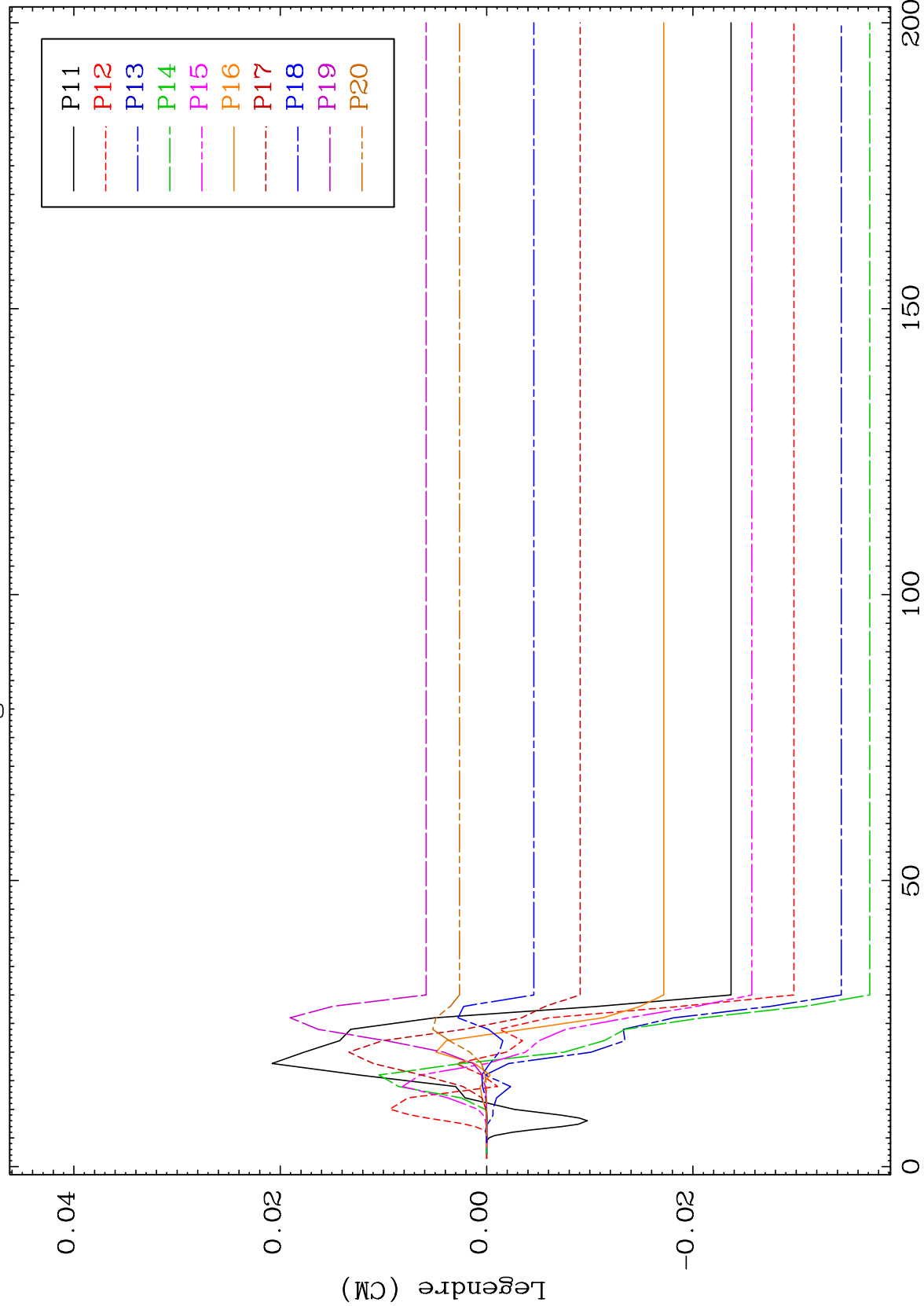




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MT= 51 (n,n') Level  
Legendre Coefficients

78-Pt-205



19

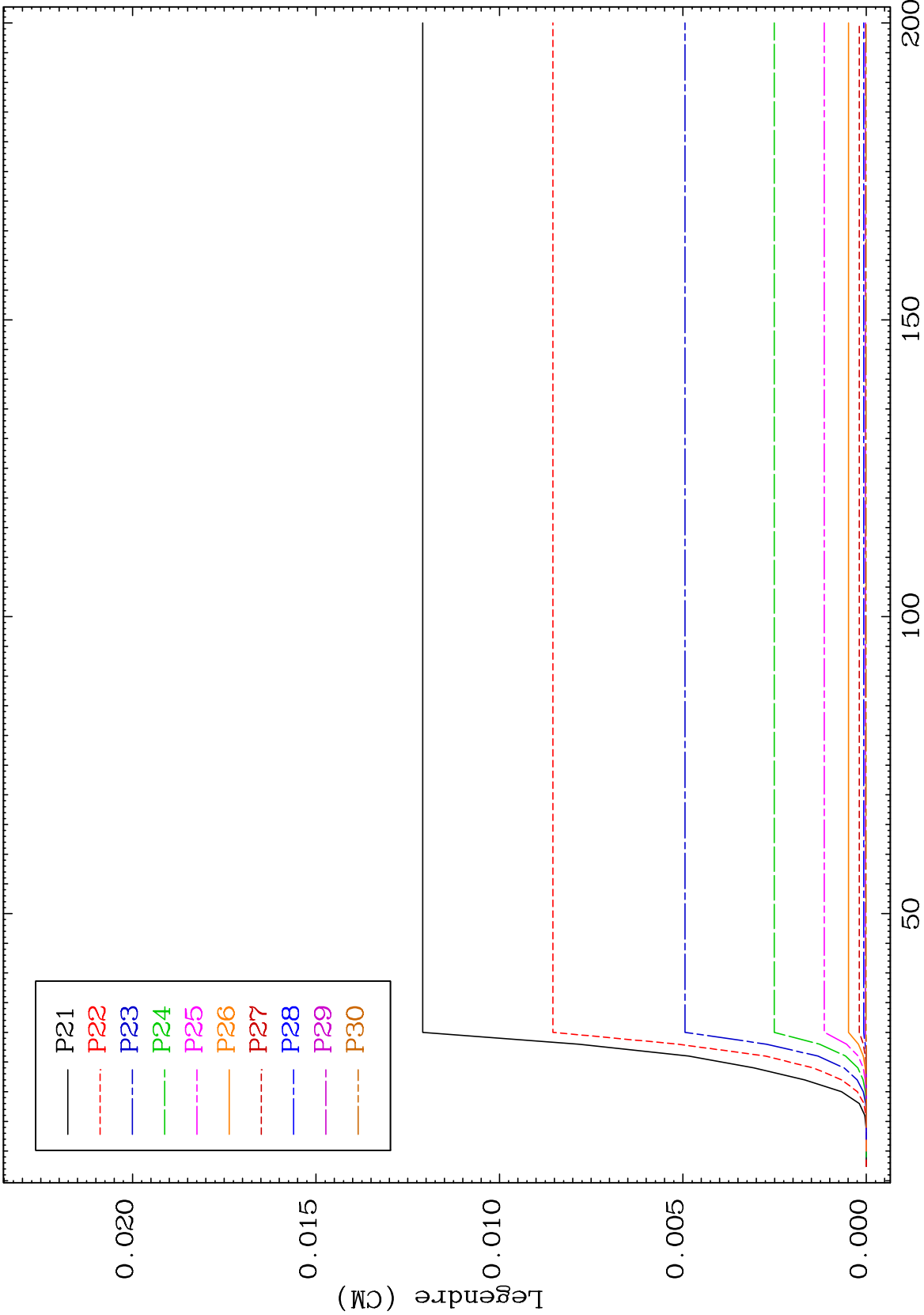
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



20

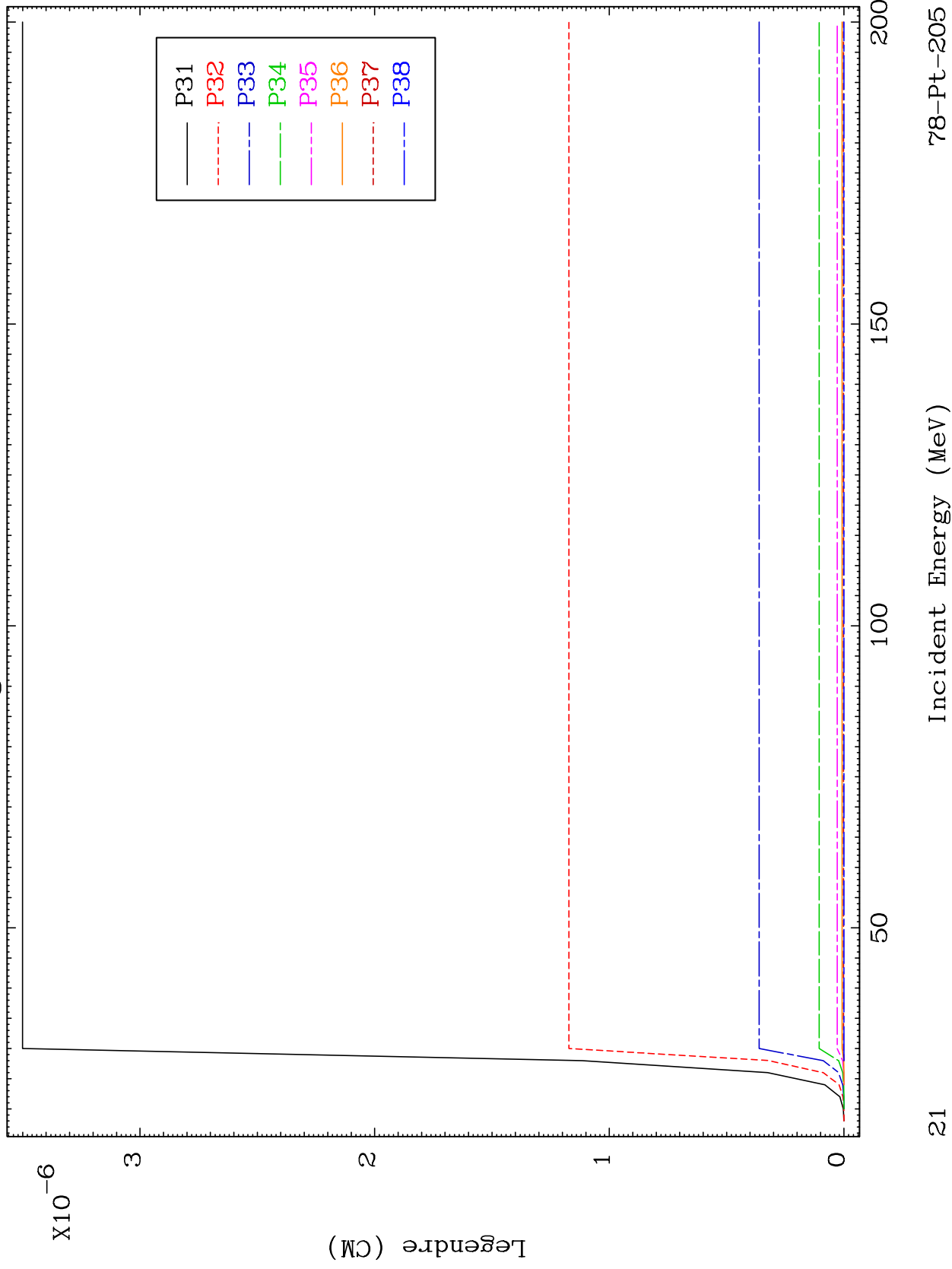
Incident Energy (MeV)

78-Pt-205

MAT 7870

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

78-Pt-205



21

Incident Energy (MeV)

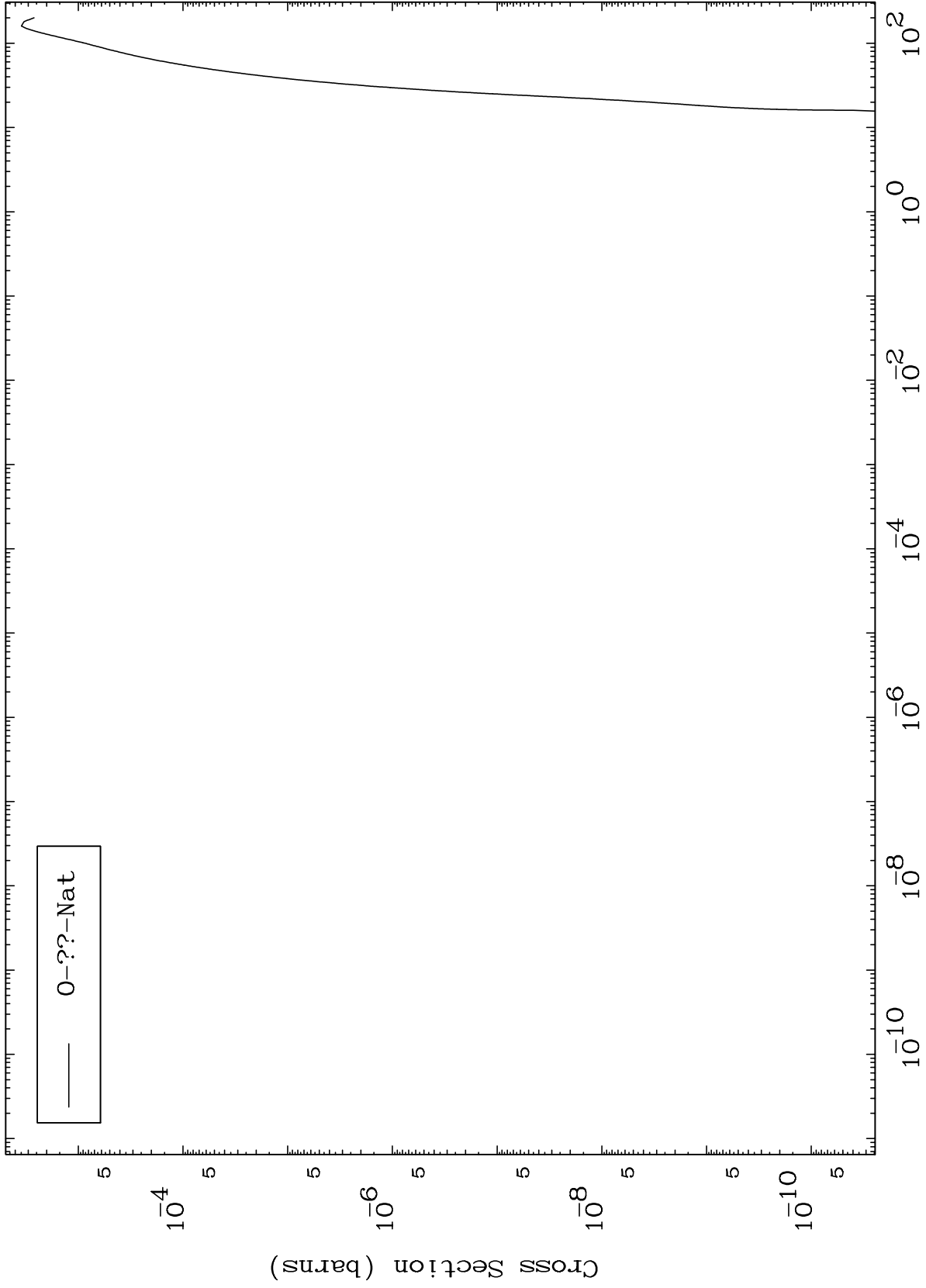
78-Pt-205

MAT 7870

Fission

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Radionuclide Production Cross Section



— 0-??-Nat