

Program EVALPLOT
(Version 2021-1)

by

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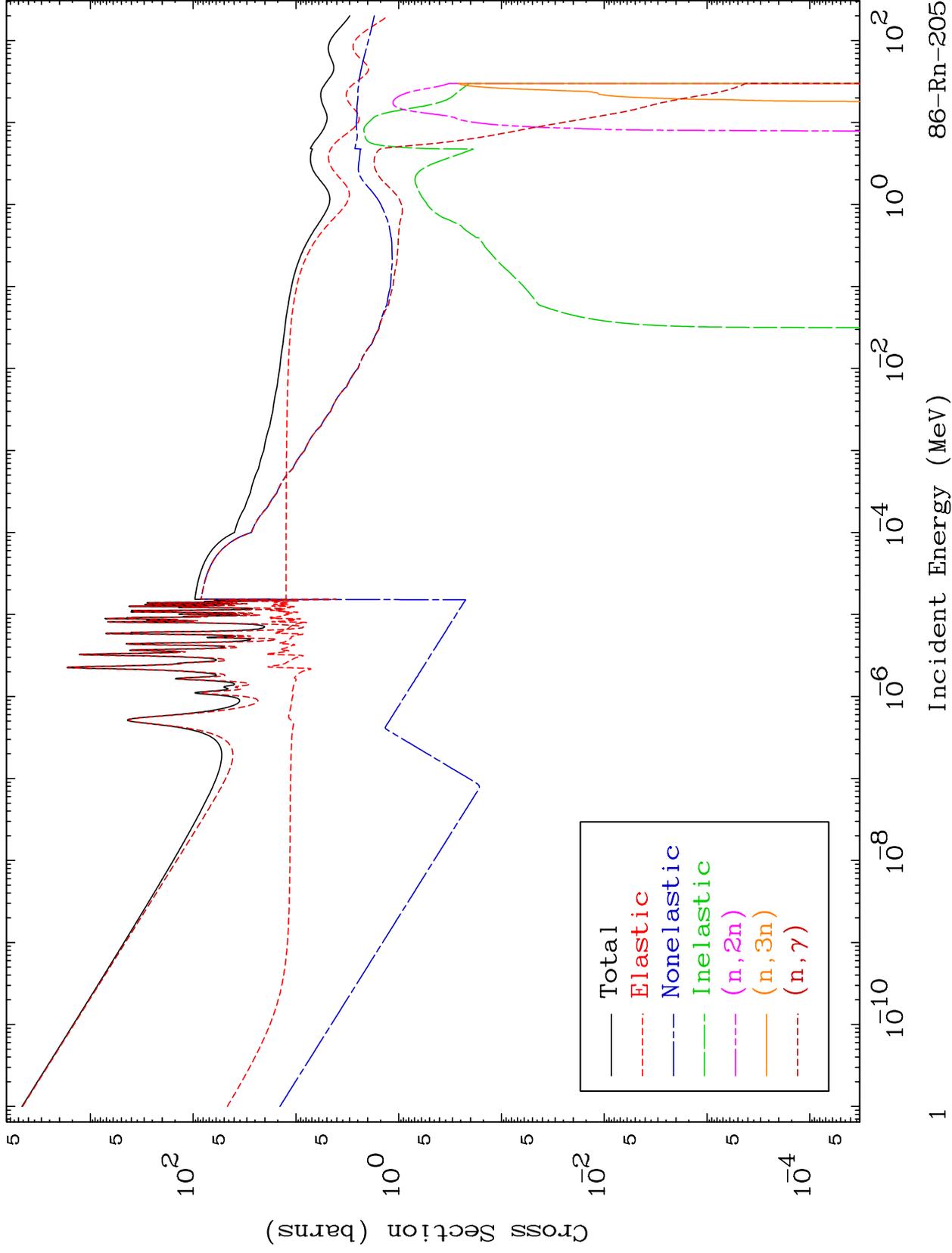
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Press Mouse Button to Start

MAT 8607

Neutron Major
293 Kelvin Cross Sections

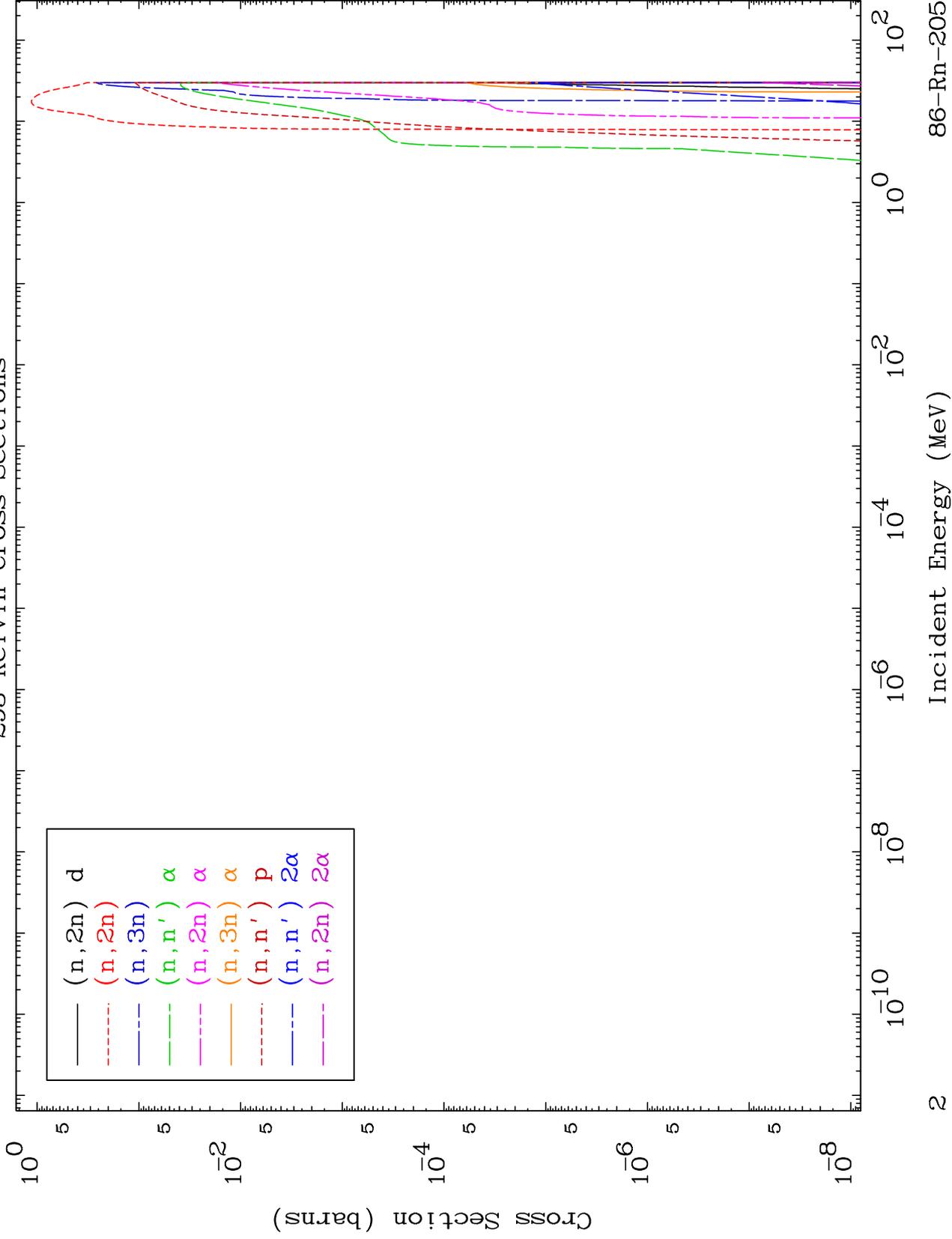
86-Rn-205



MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

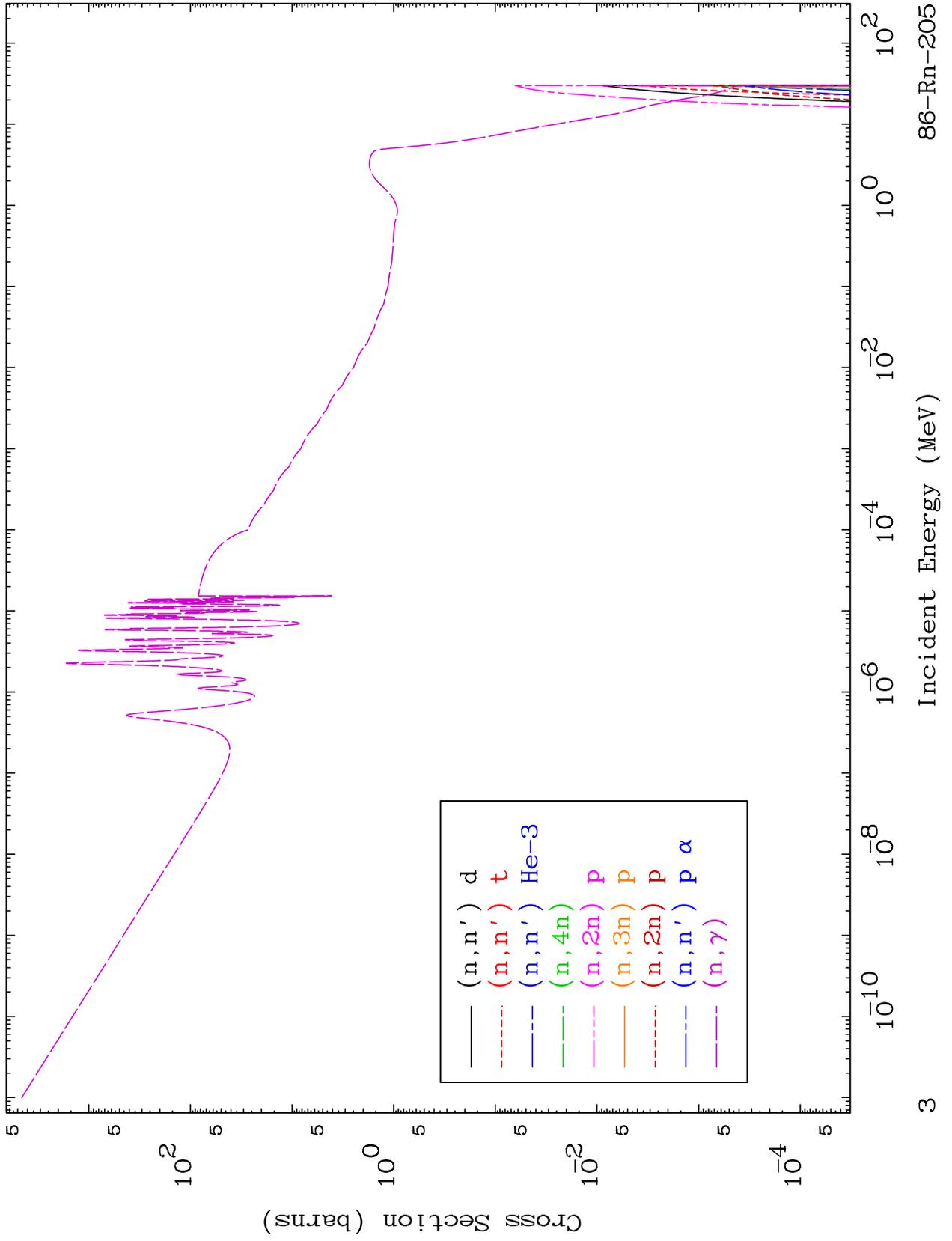
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MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

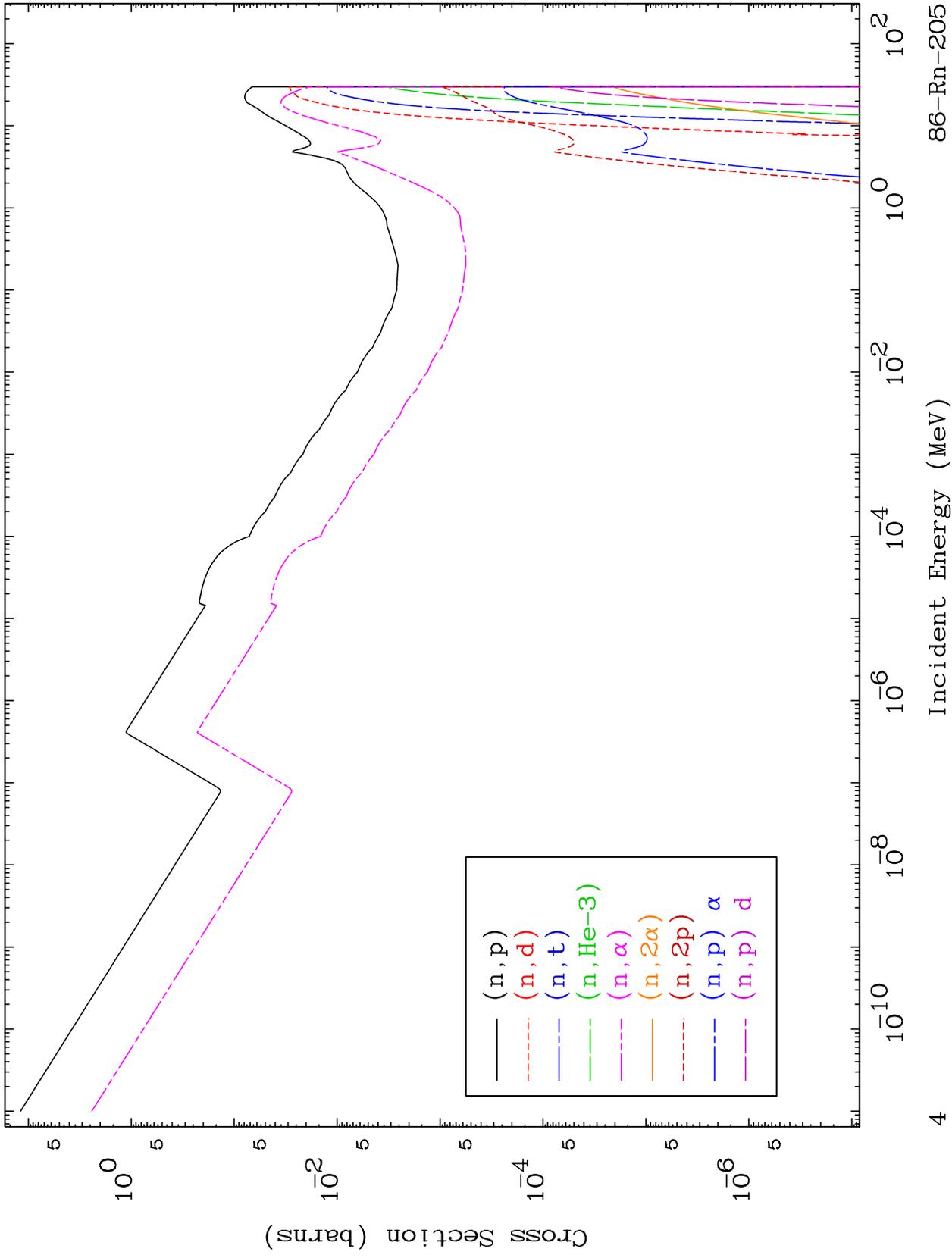
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MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

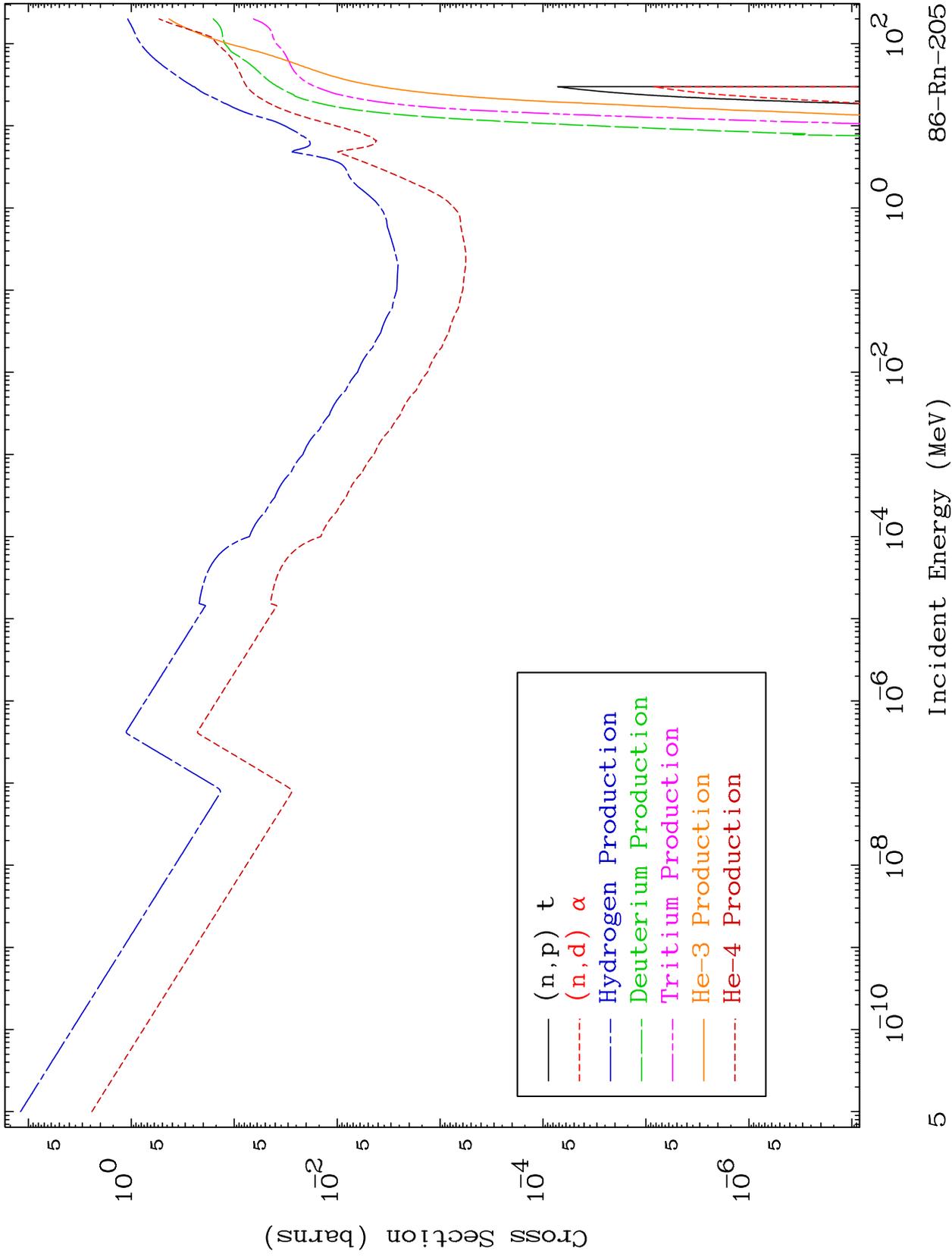
86-Rn-205



MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

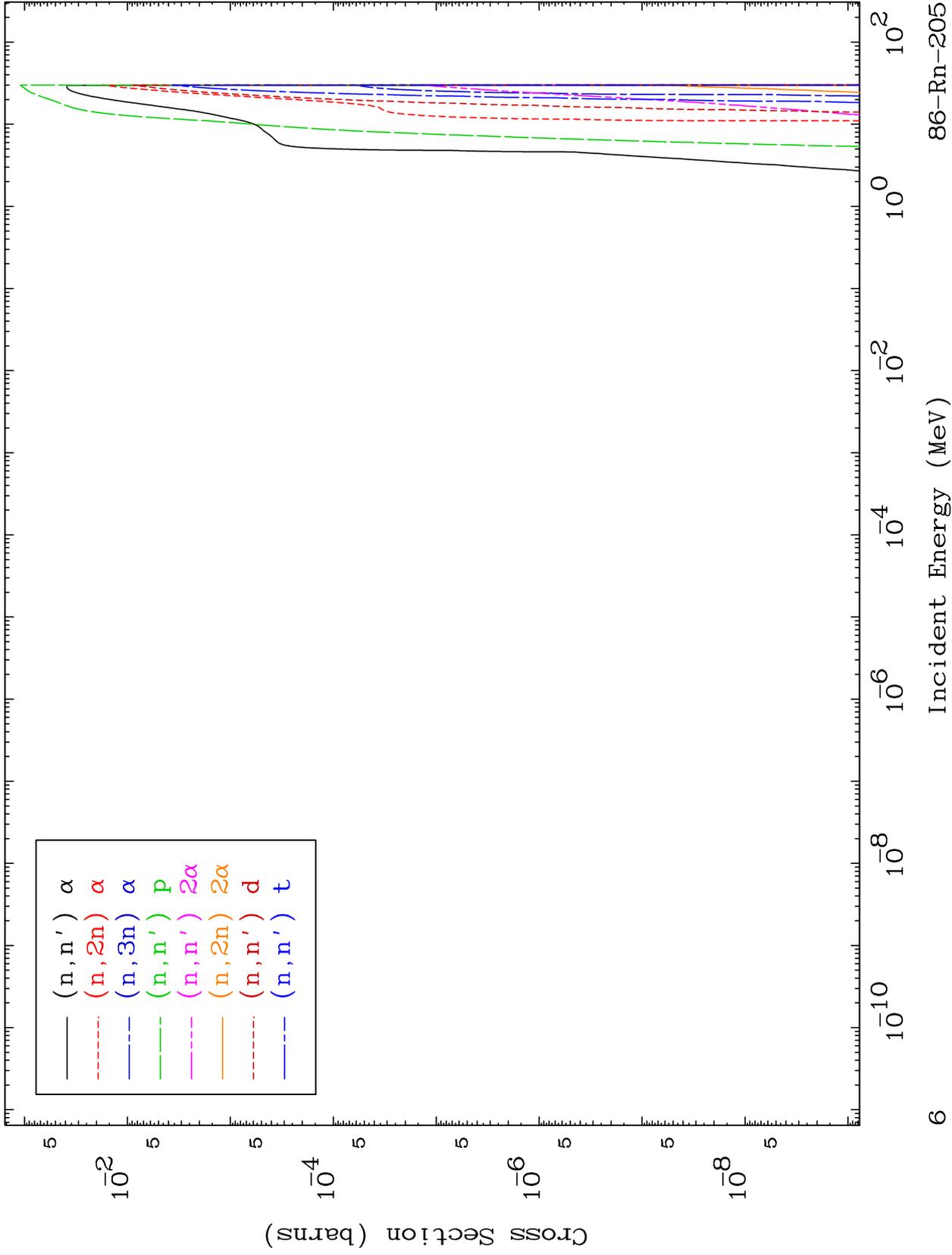
86-Rn-205



MAT 8607

Charged Particle
293 Kelvin Cross Sections

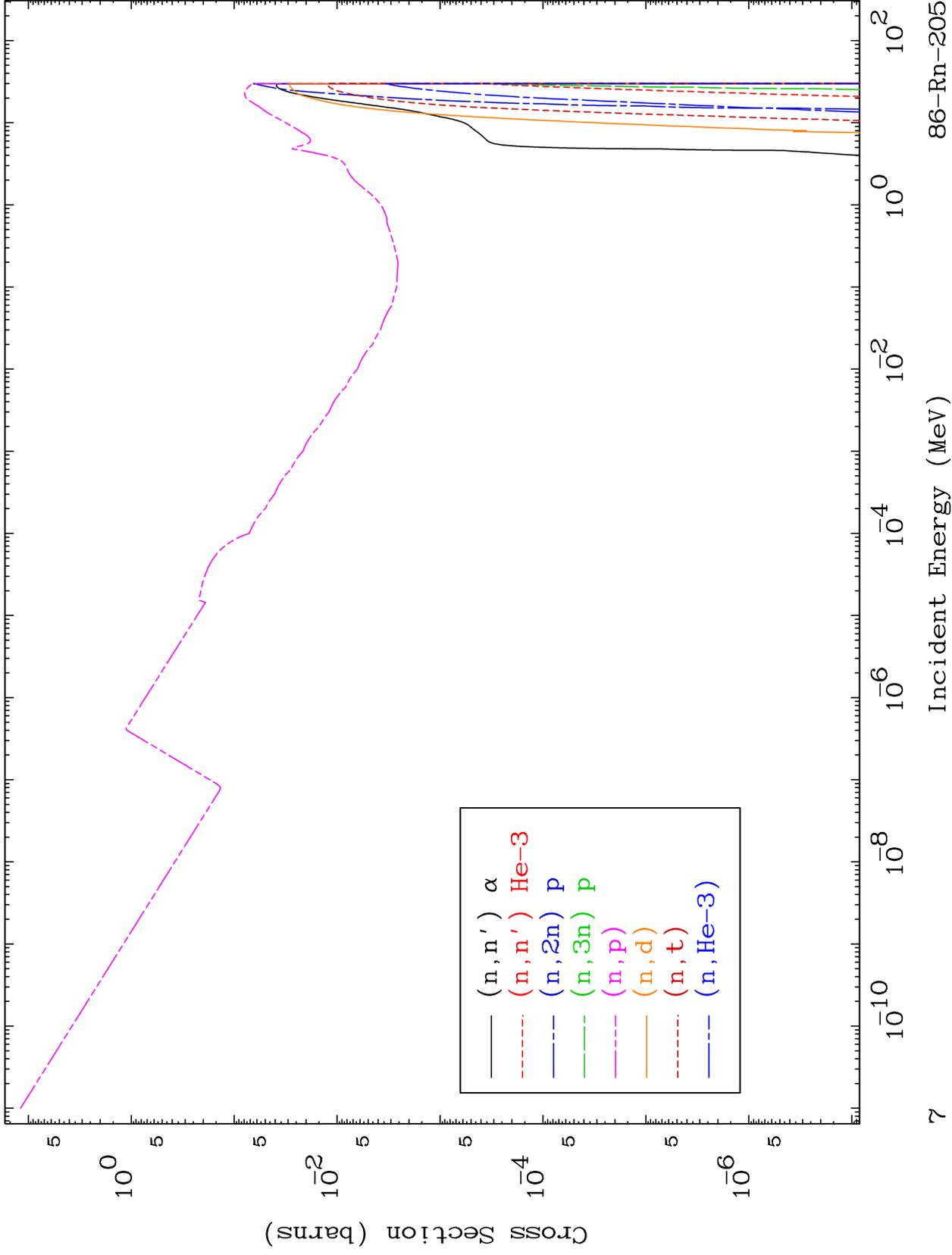
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MAT 8607

Charged Particle
293 Kelvin Cross Sections

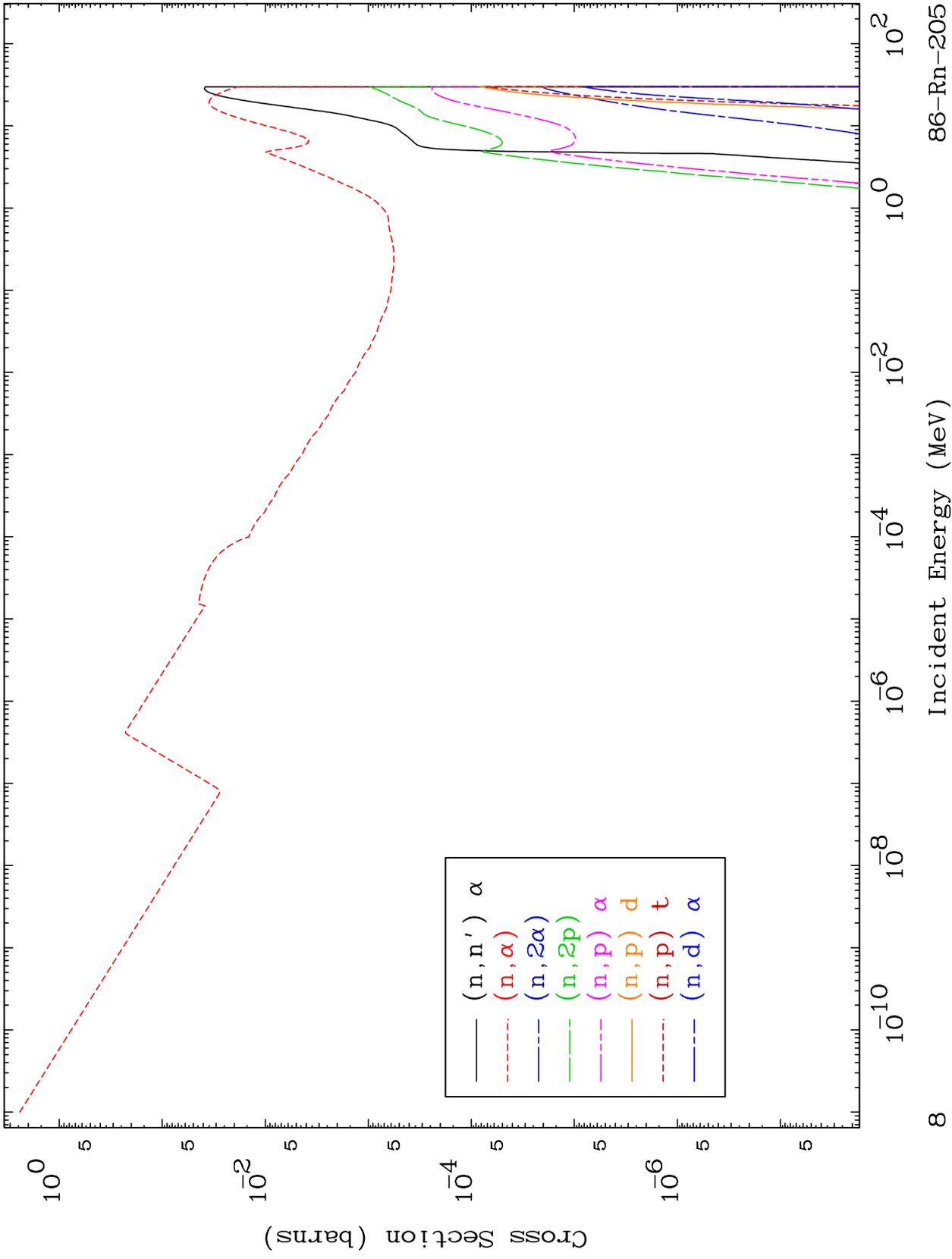
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MAT 8607

Charged Particle
293 Kelvin Cross Sections

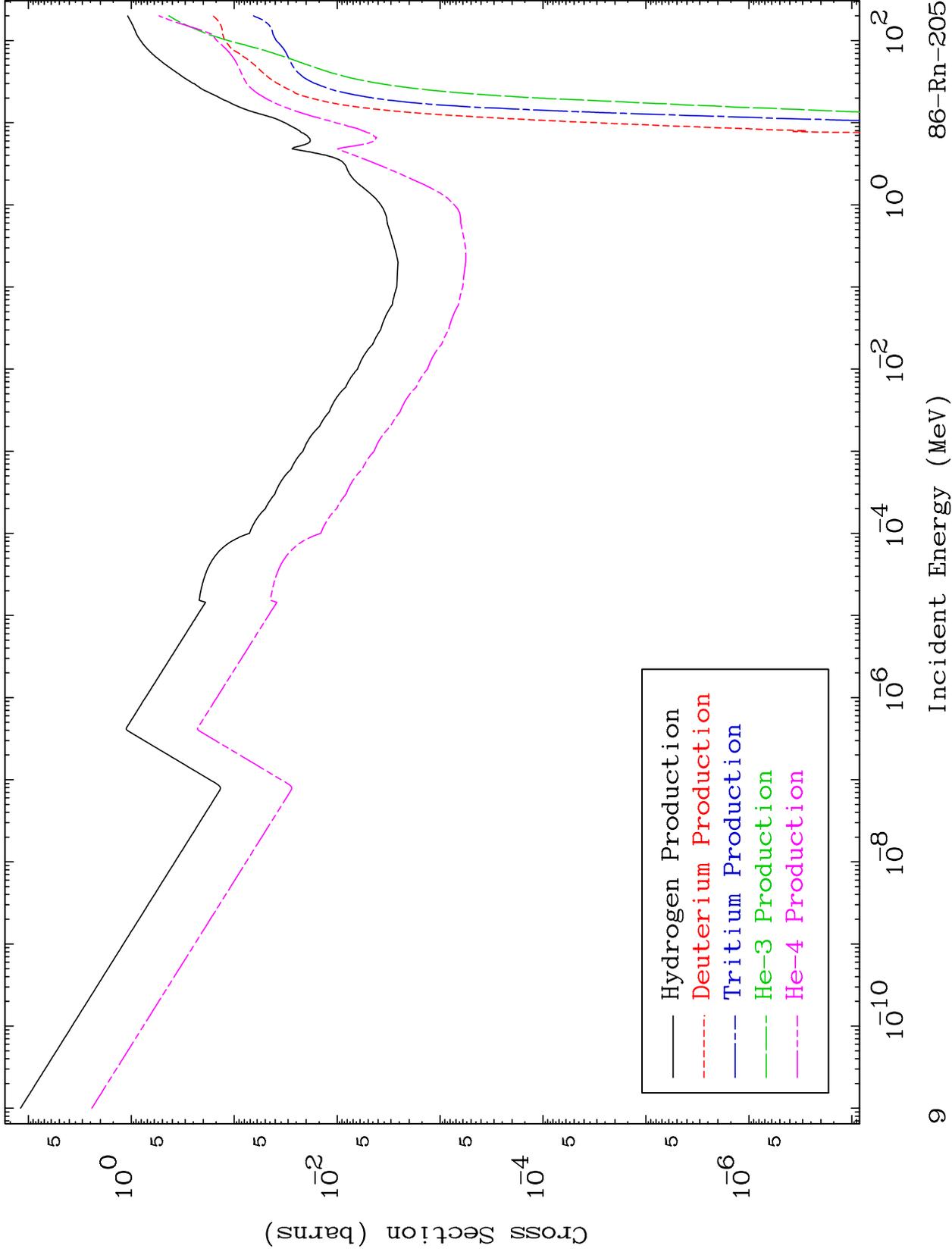
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MAT 8607

Particle Production
293 Kelvin Cross Sections

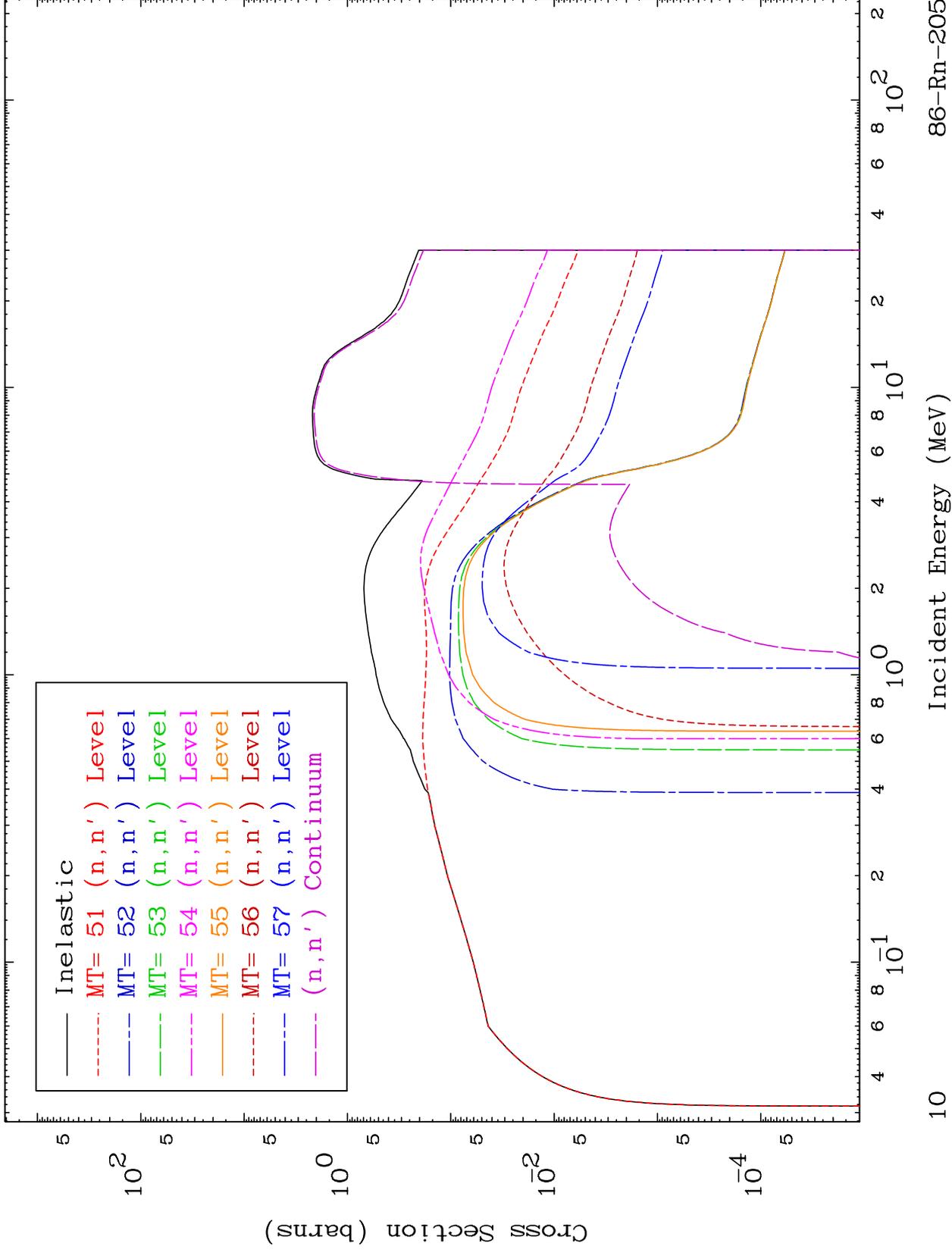
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MAT 8607

(n,n') Levels
293 Kelvin Cross Sections

86-Rn-205



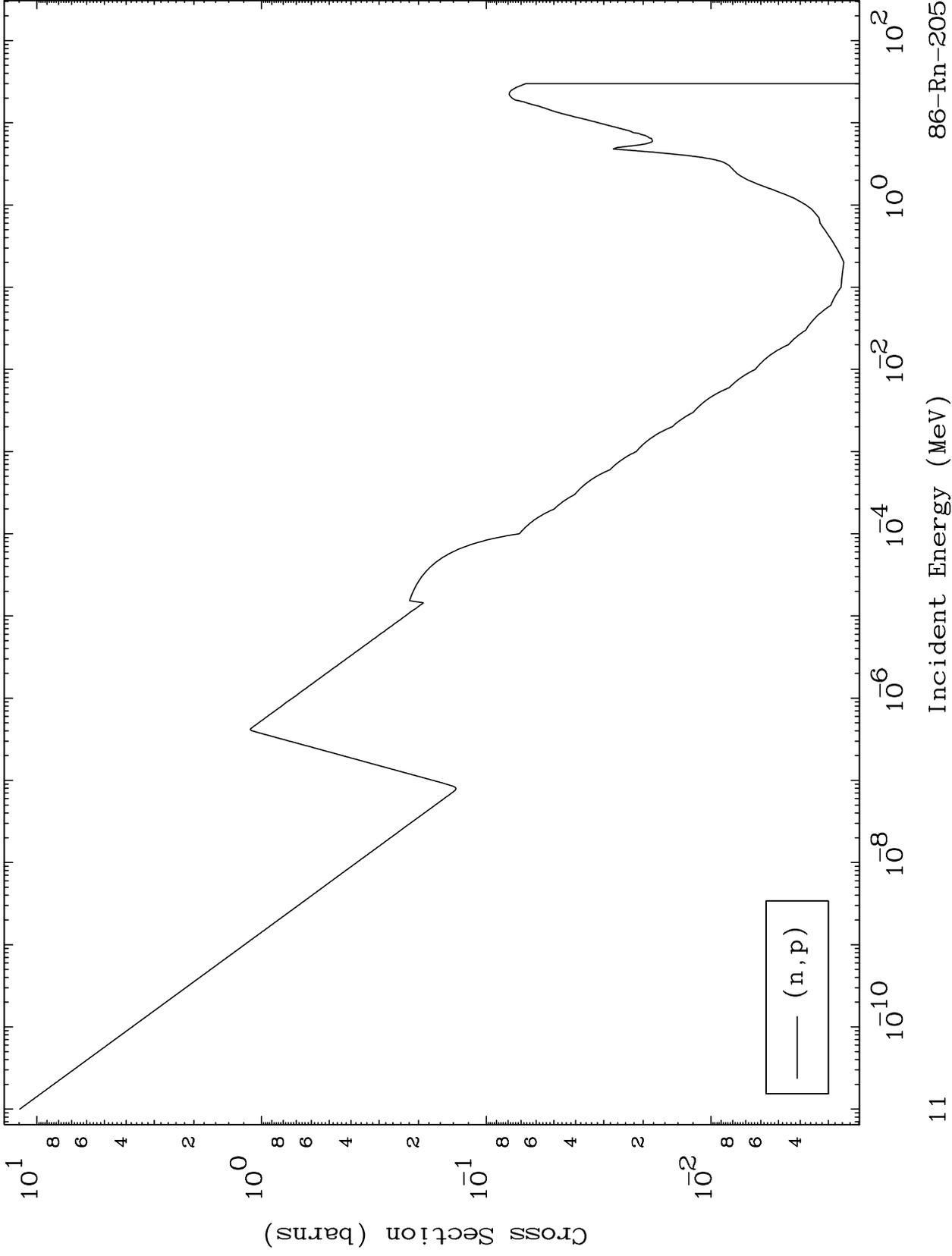
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86-Rn-205

MAT 8607

(n,p) Levels
293 Kelvin Cross Sections

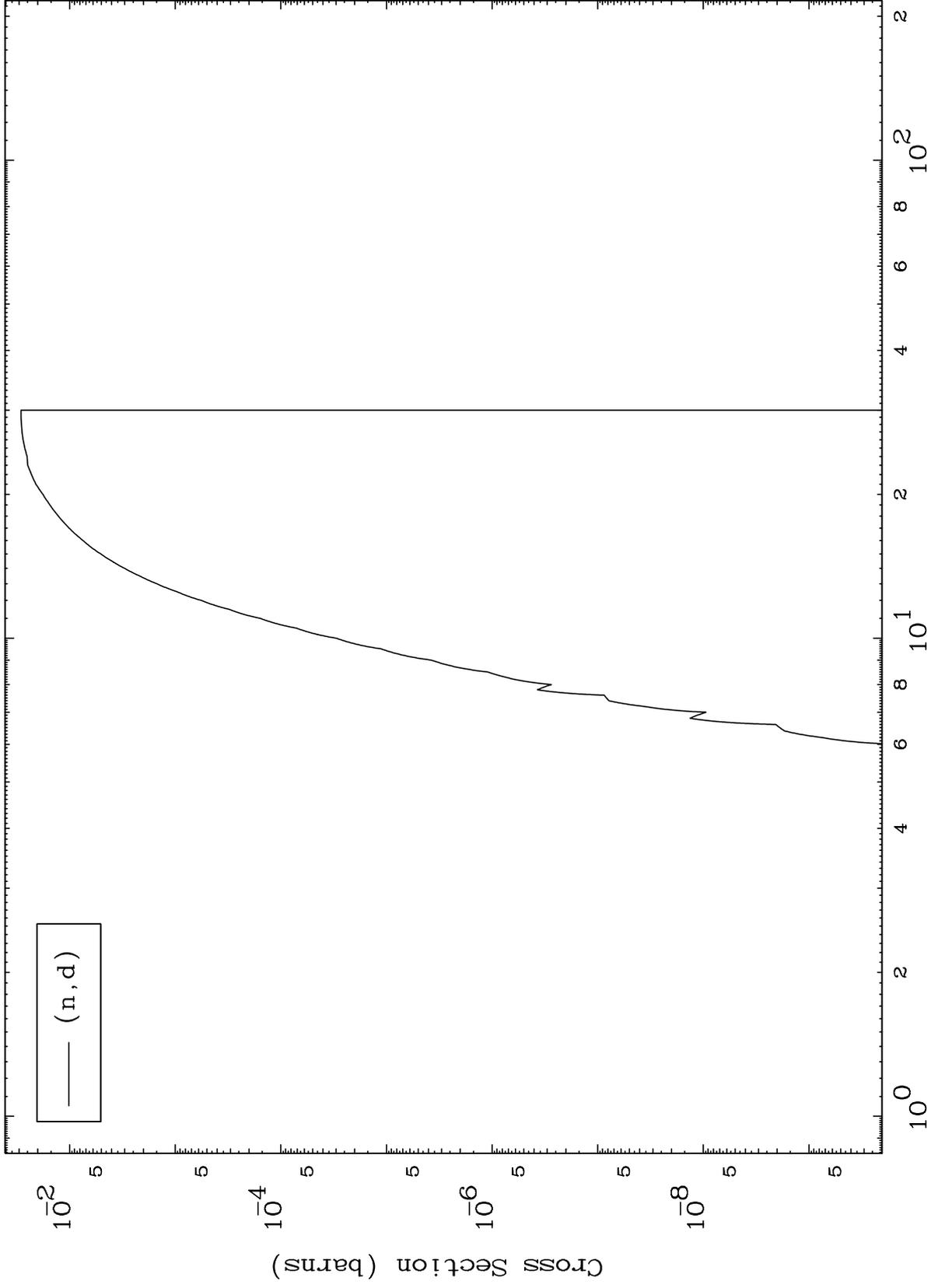
86-Rn-205



MAT 8607

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-205



12

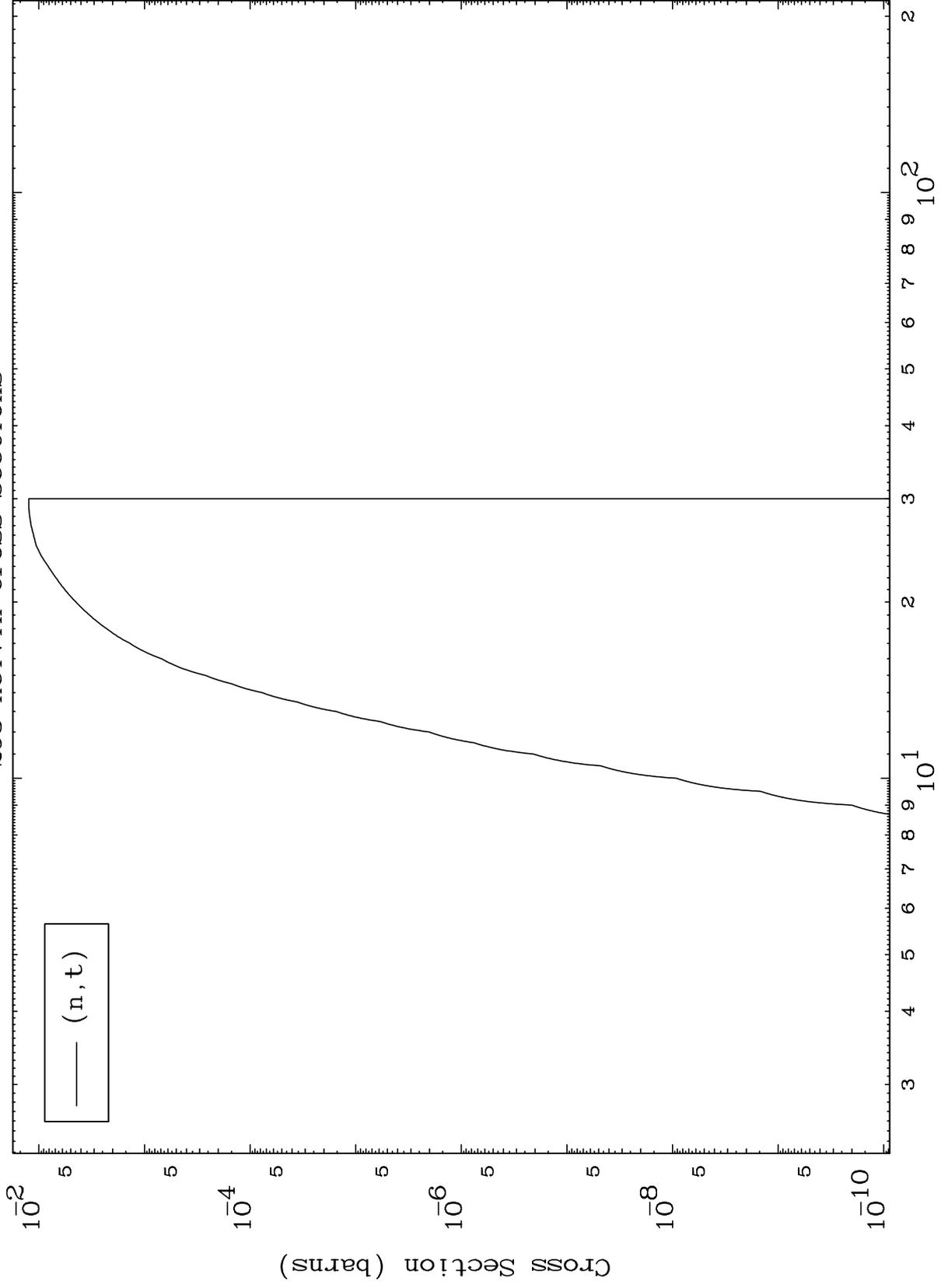
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86-Rn-205

MAT 8607

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-205



13

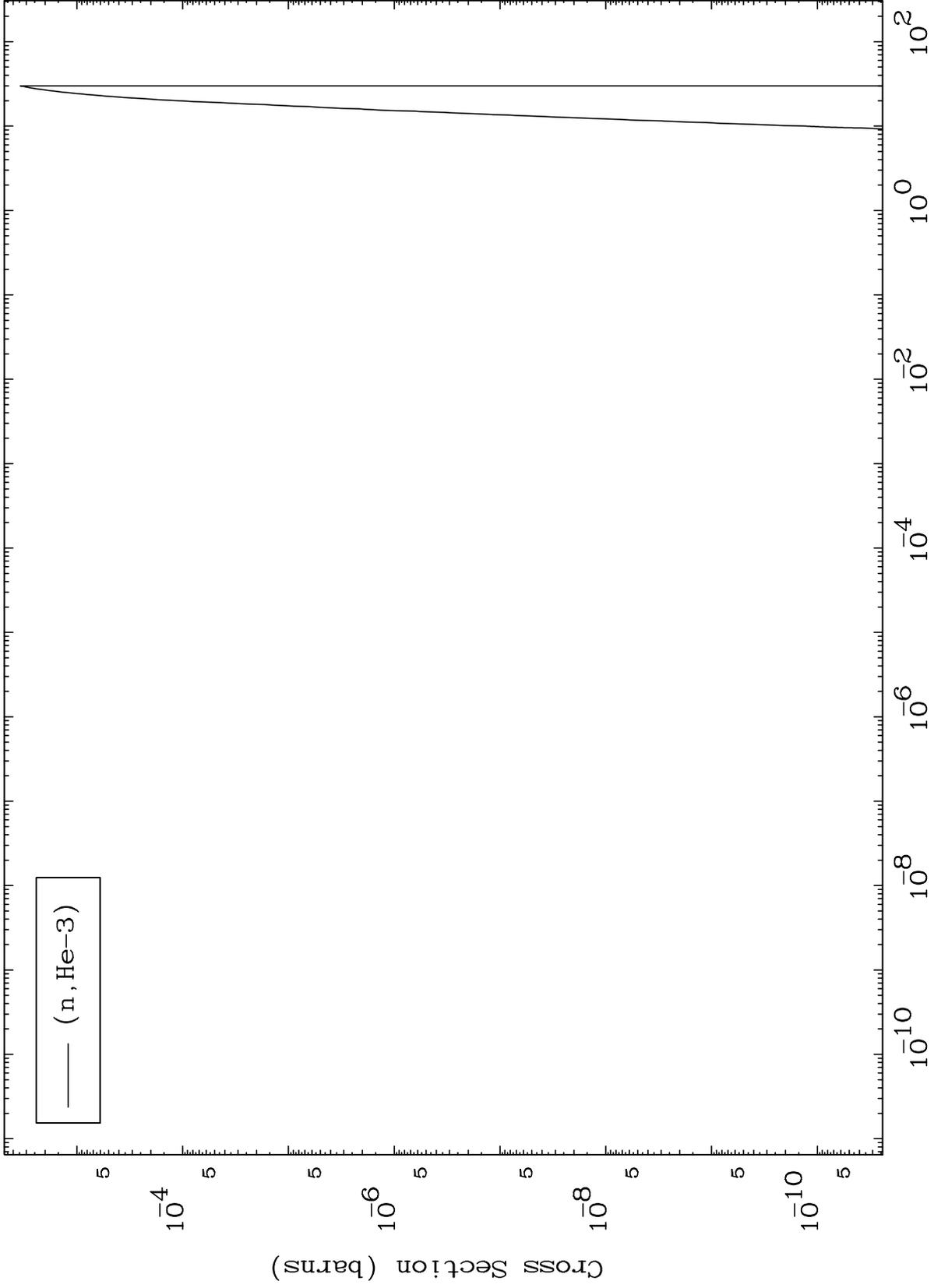
Incident Energy (MeV)

86-Rn-205

MAT 8607

(n,He3) Levels
293 Kelvin Cross Sections

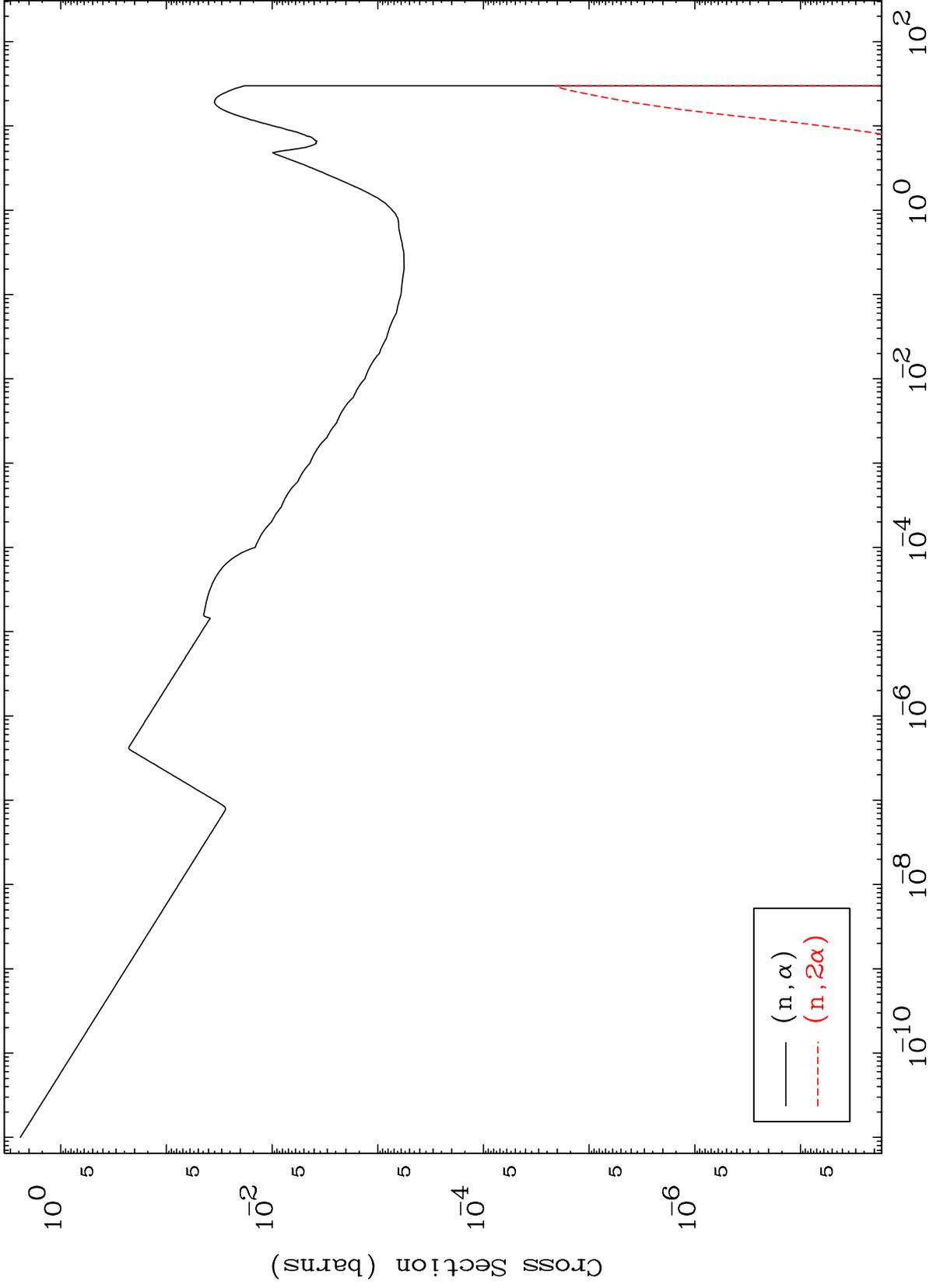
86-Rn-205



MAT 8607

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-205



15

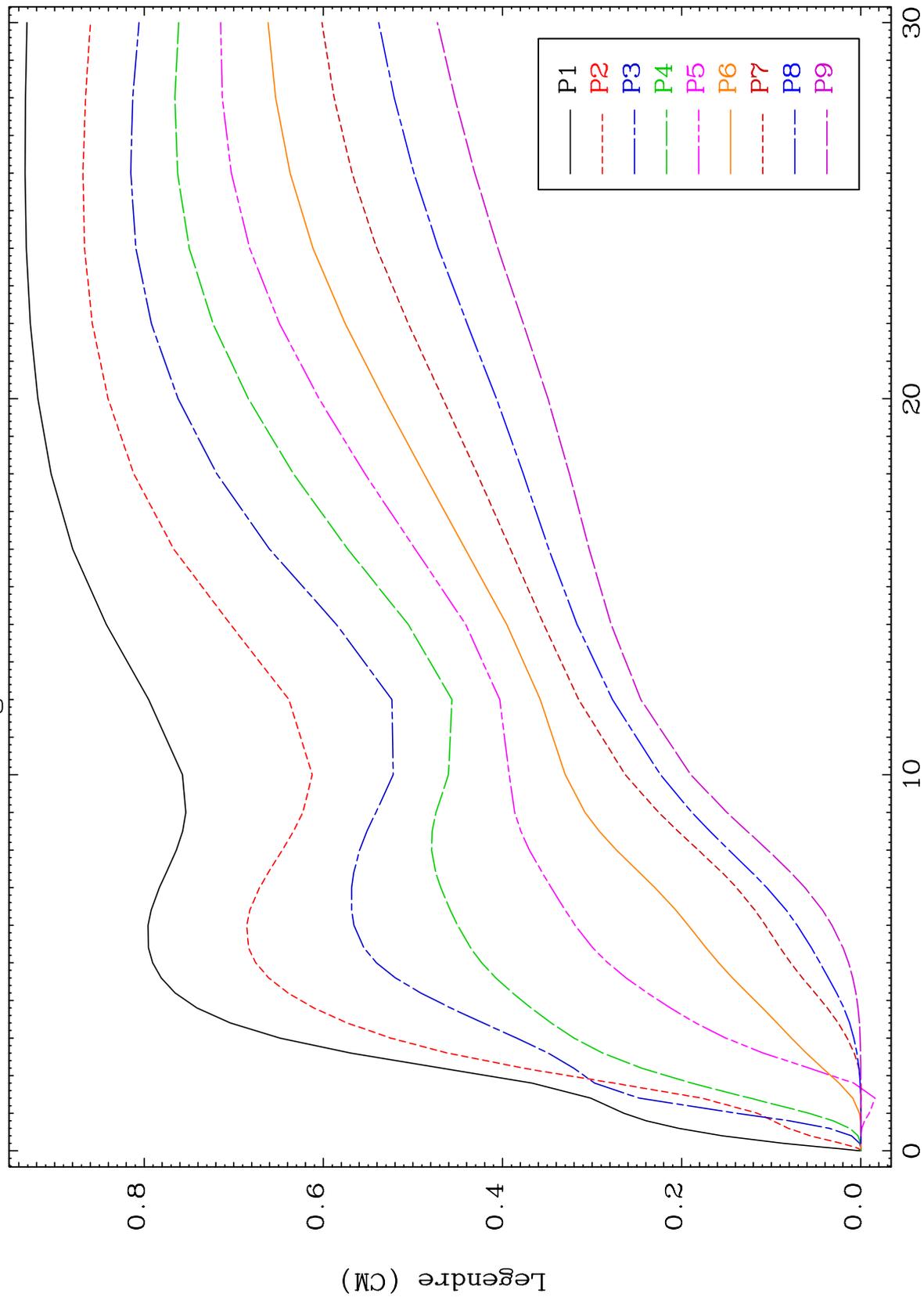
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86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



16

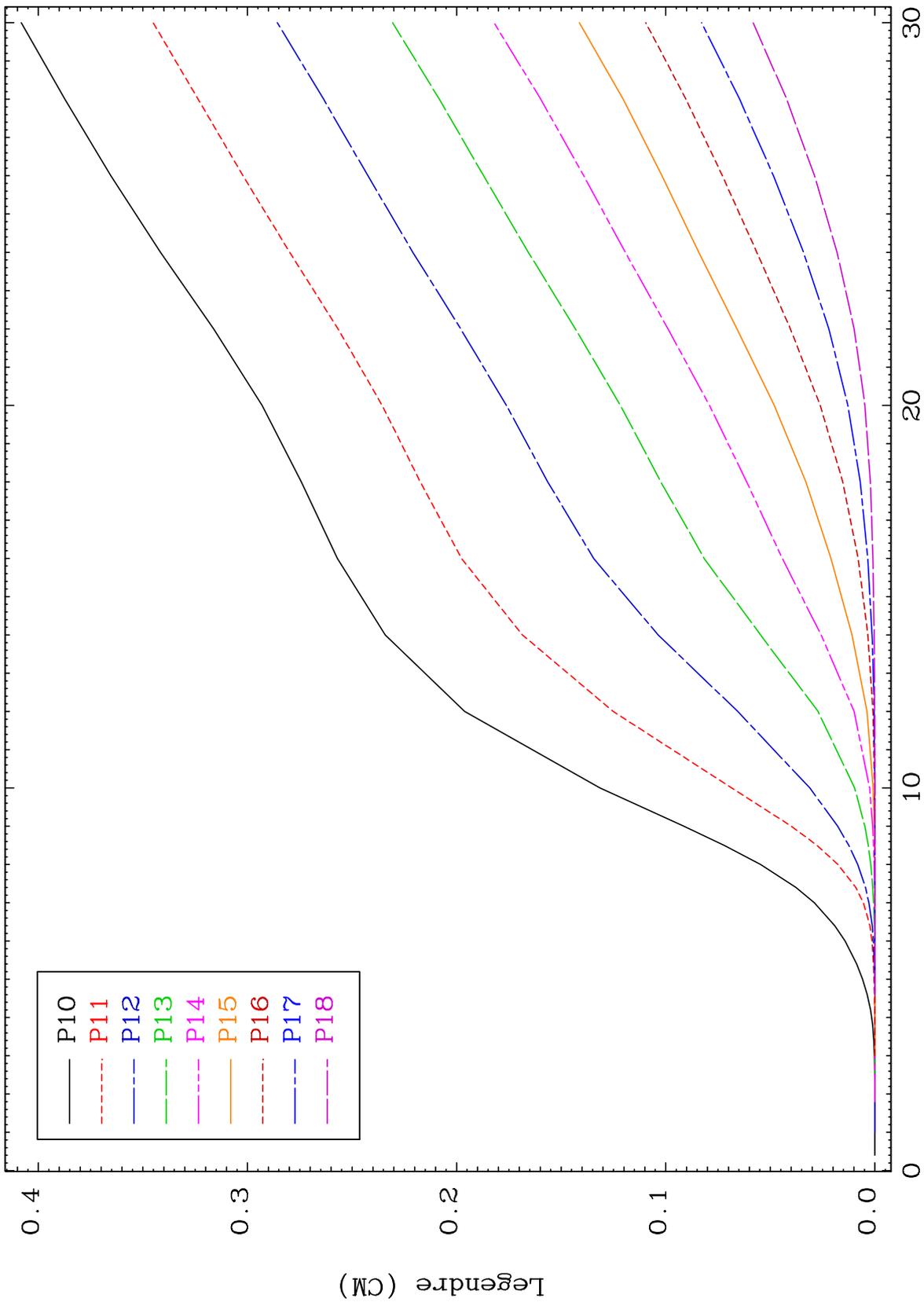
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



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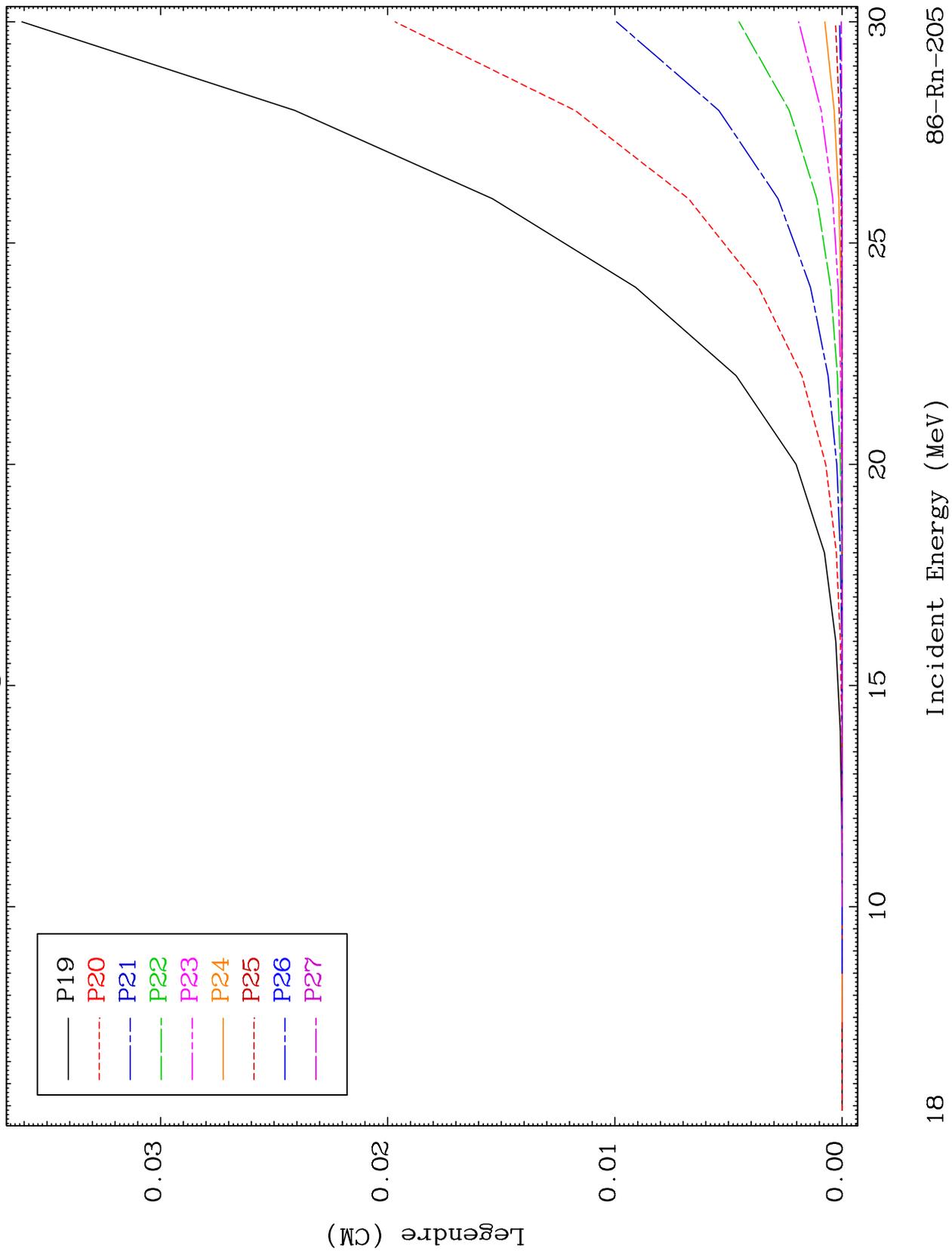
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



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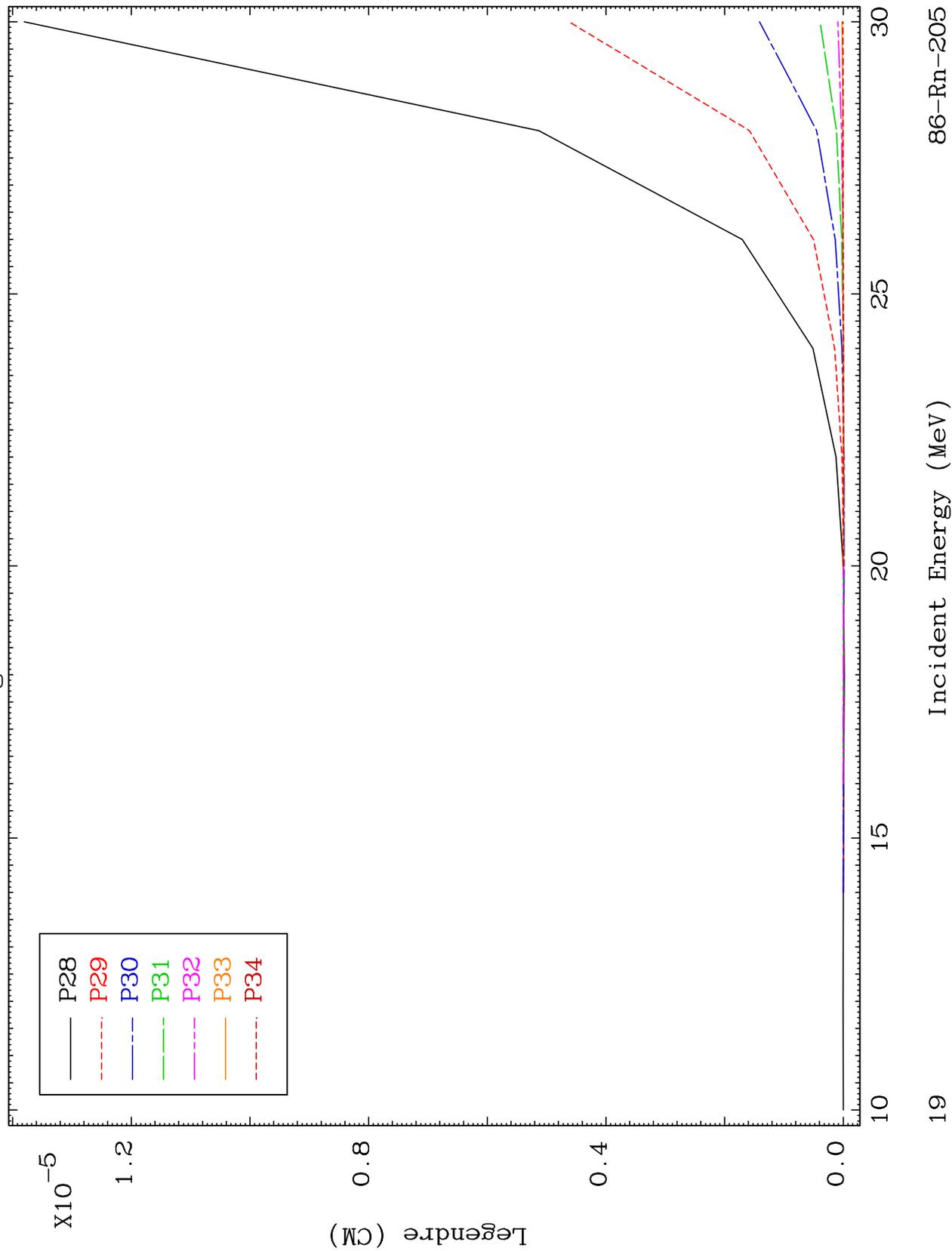
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



19

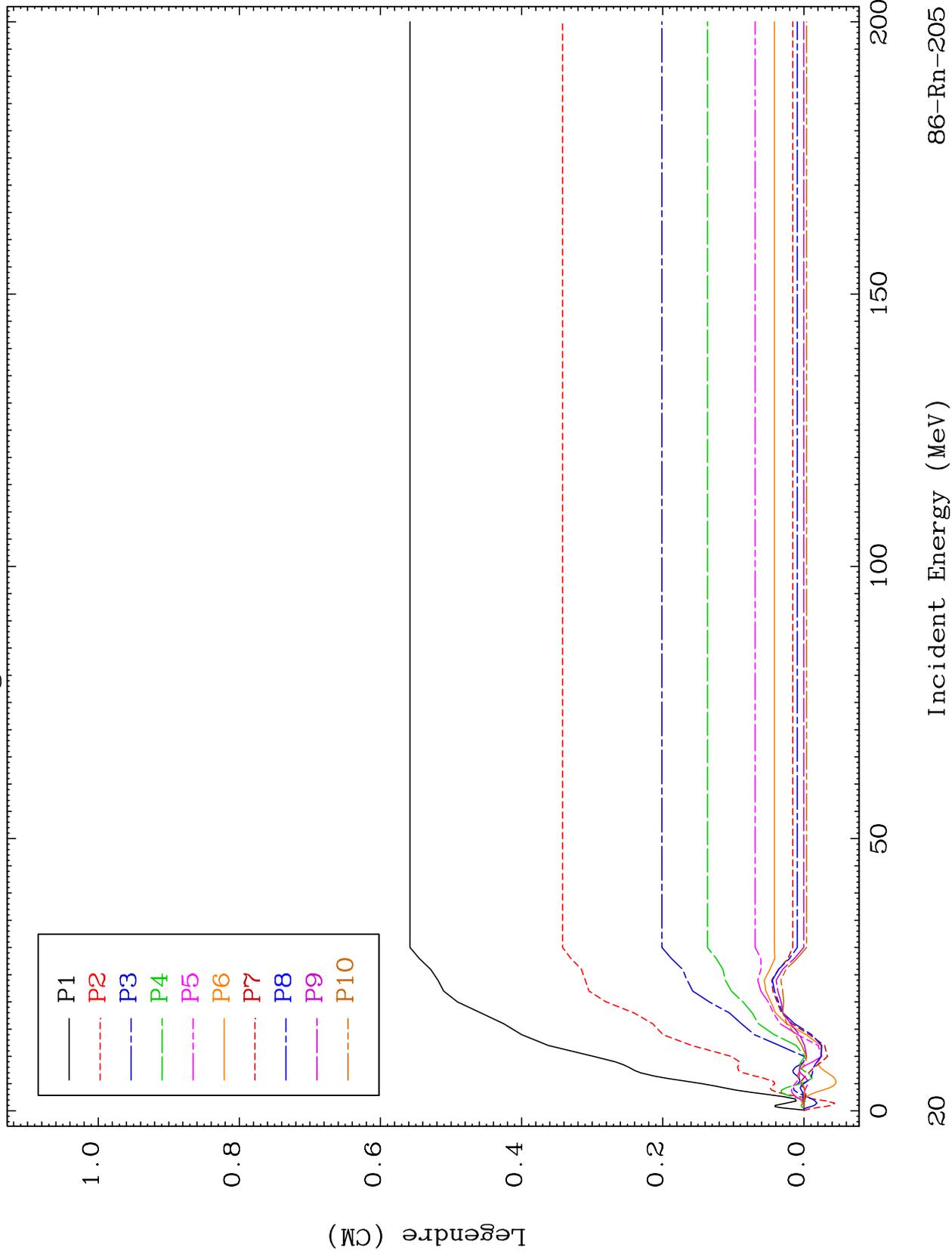
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

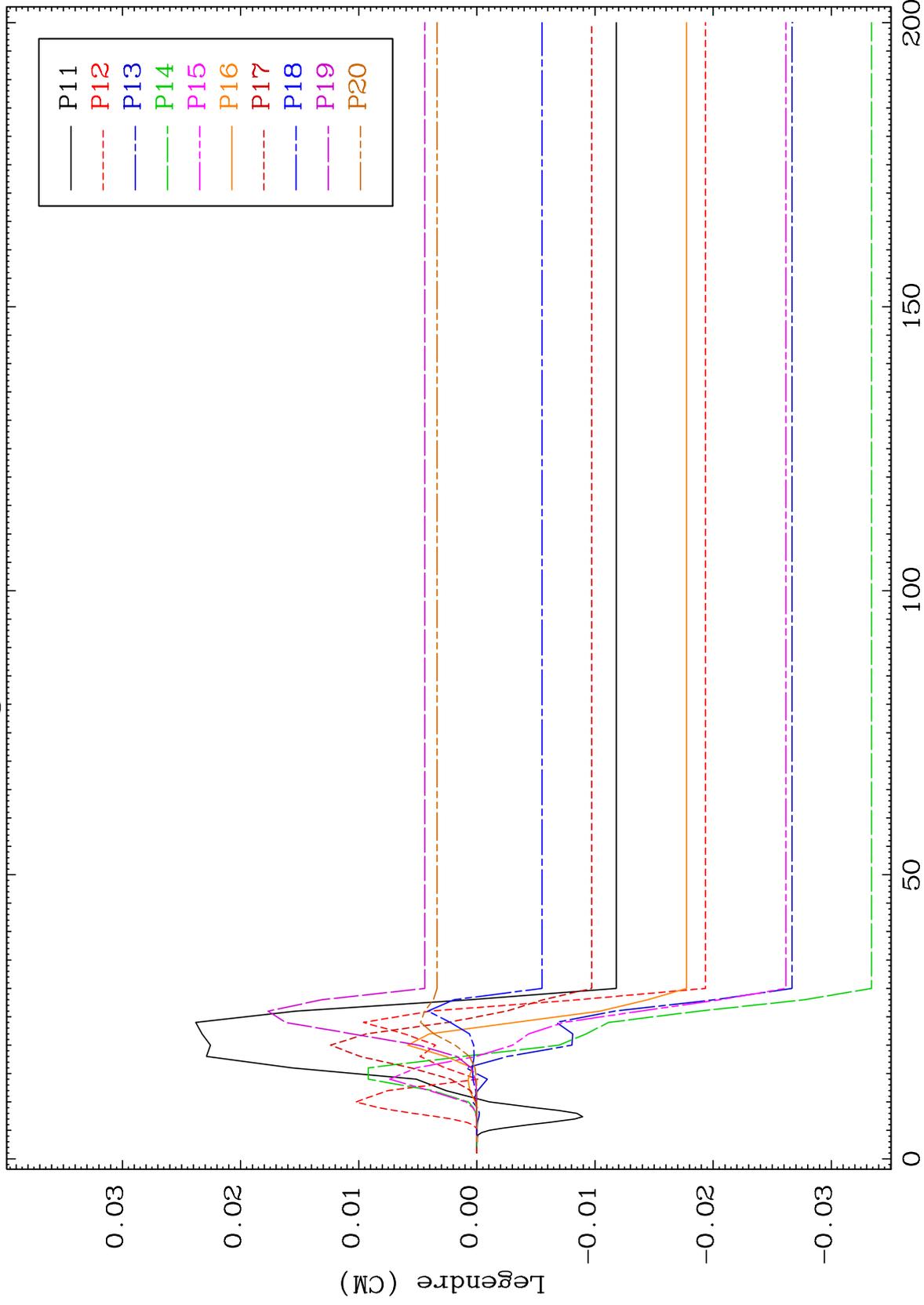
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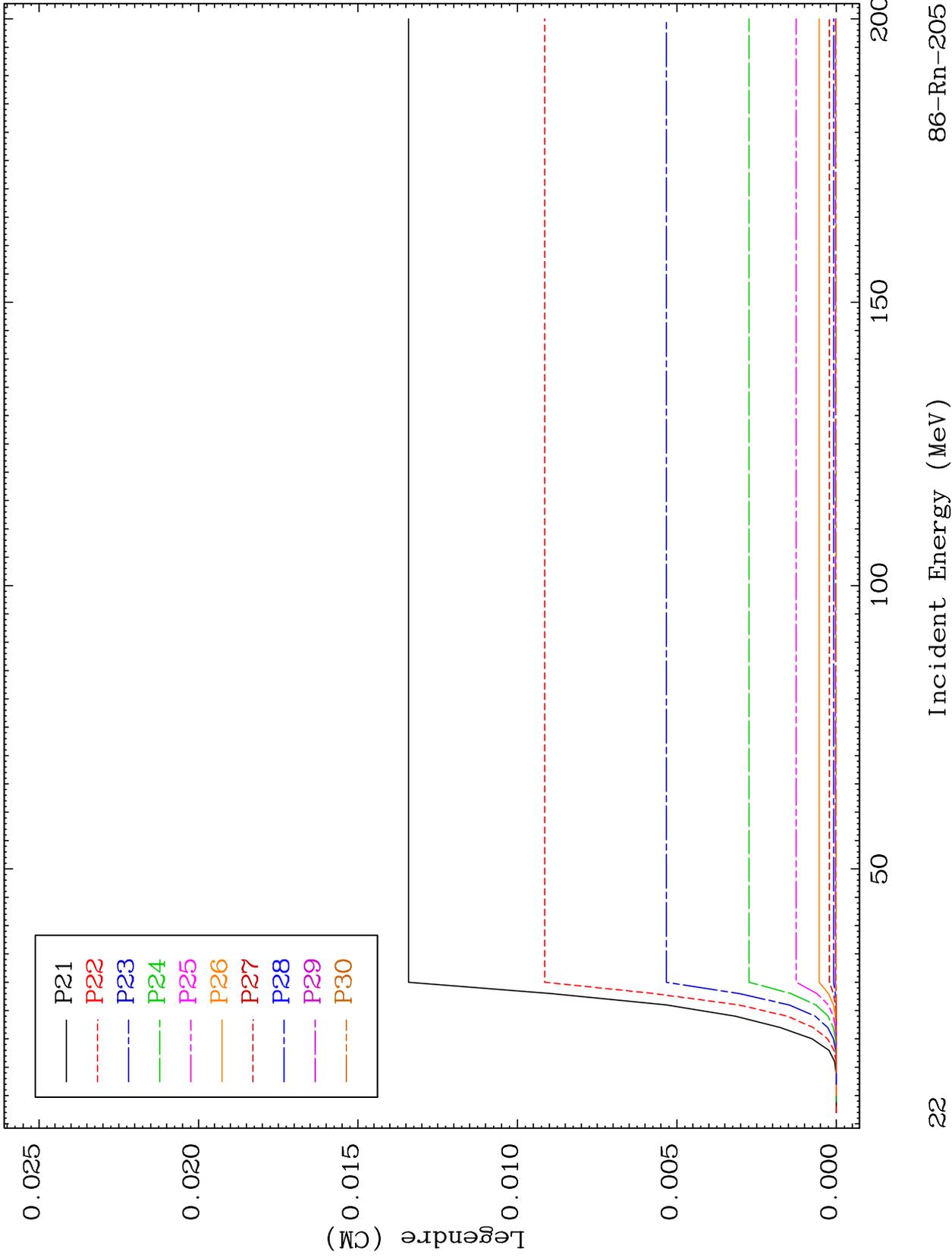


MAT 8607

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

86-Rn-205

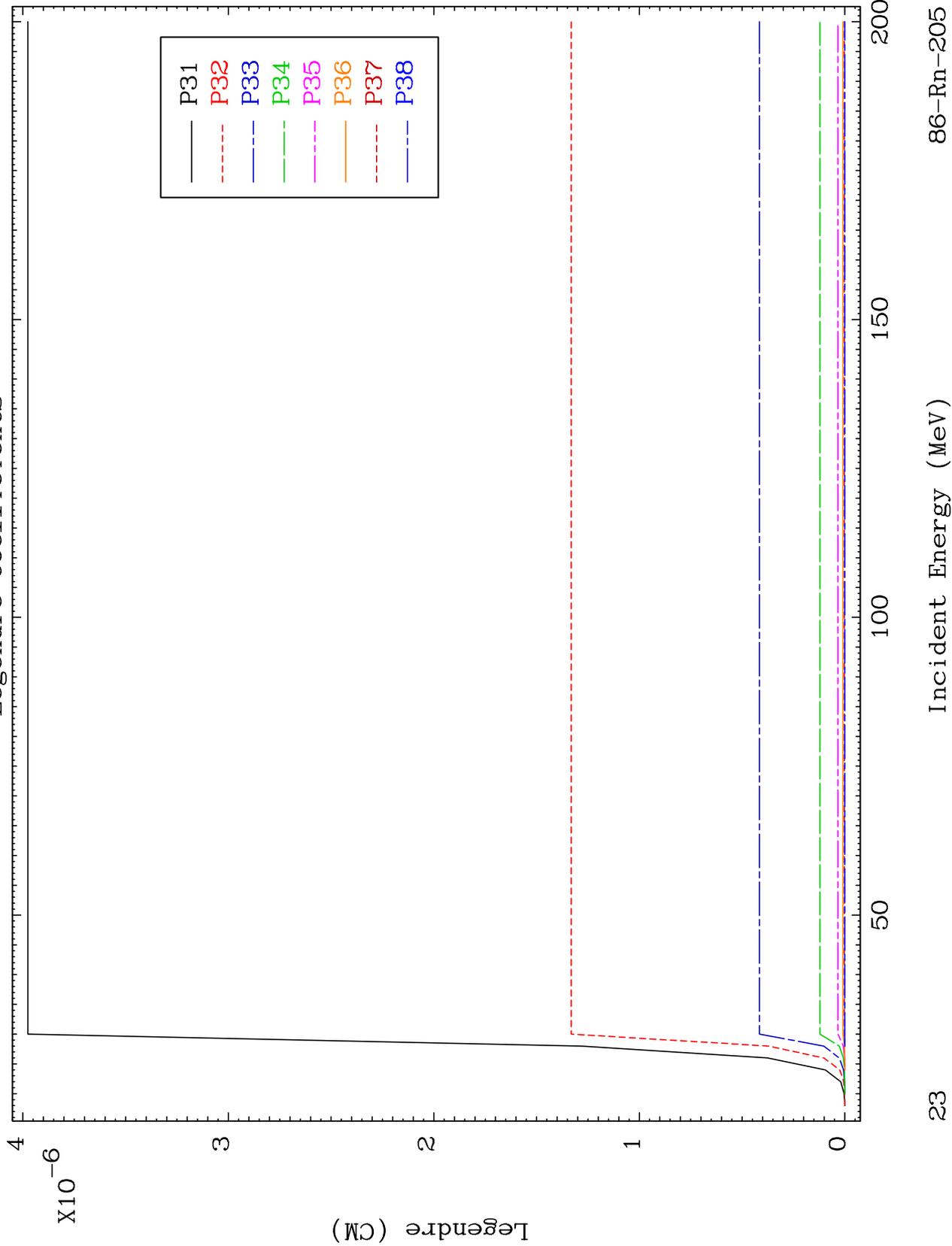




MAT 8607

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

86-Rn-205

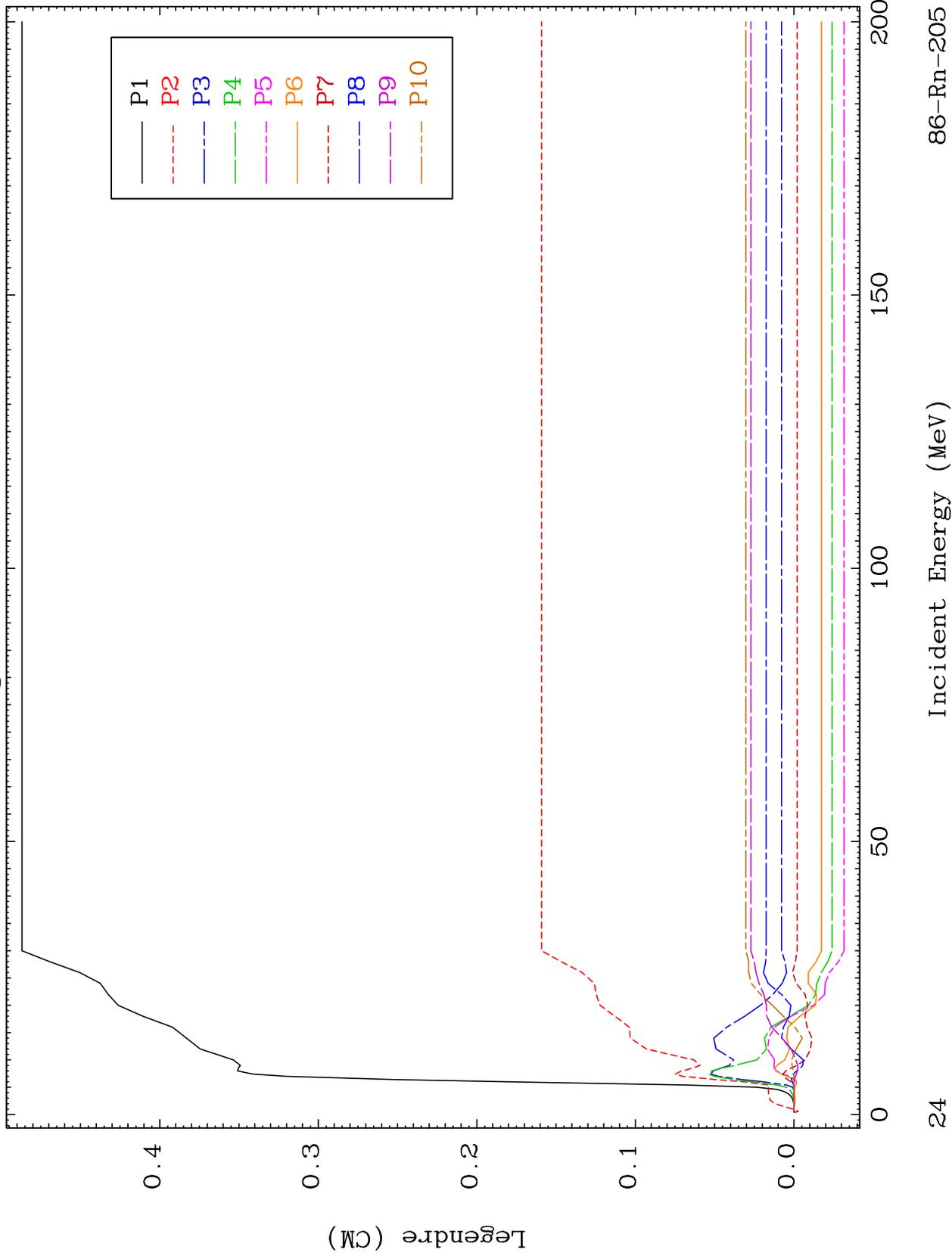


23

MAT 8607

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

86-Rn-205



24

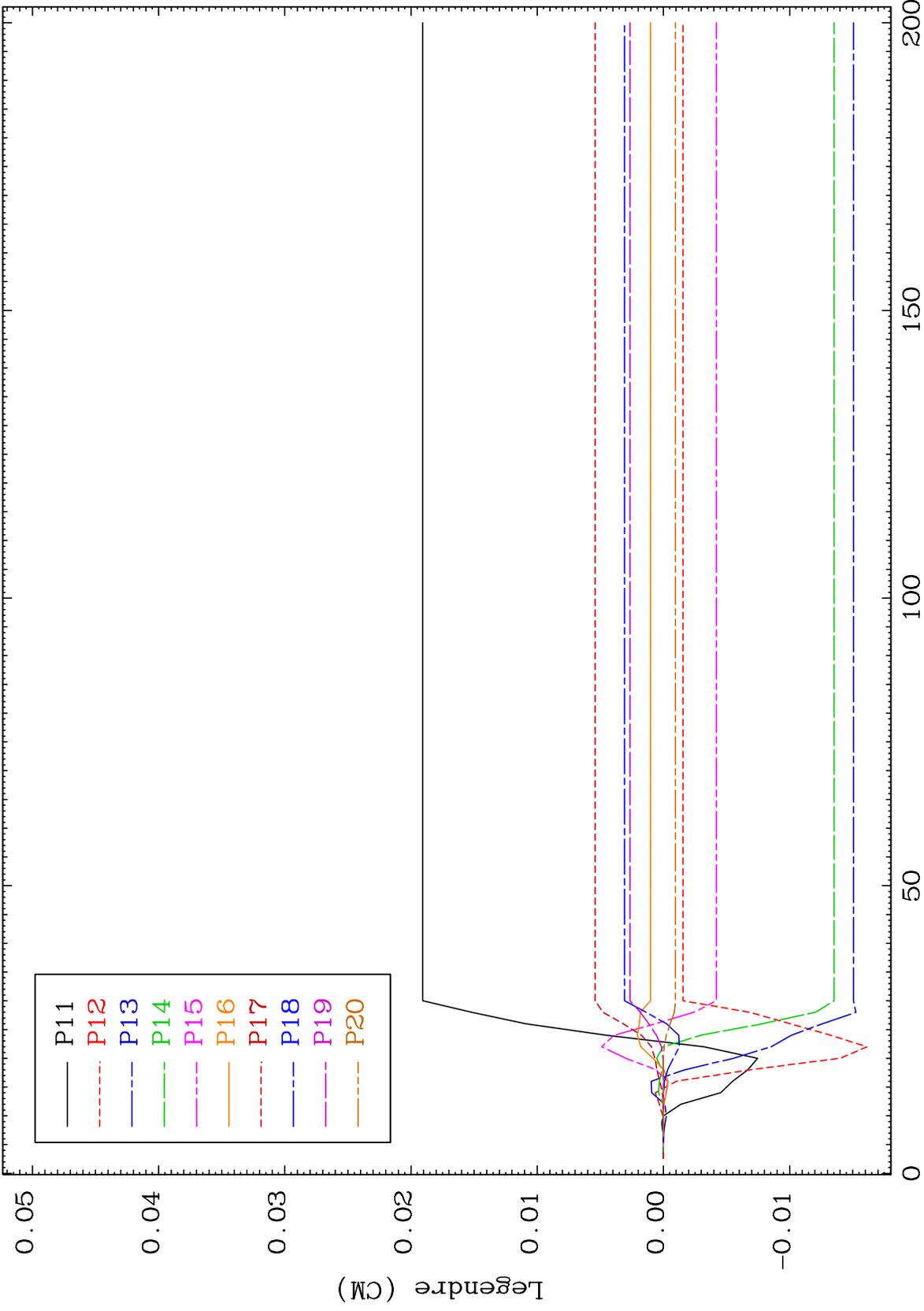
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

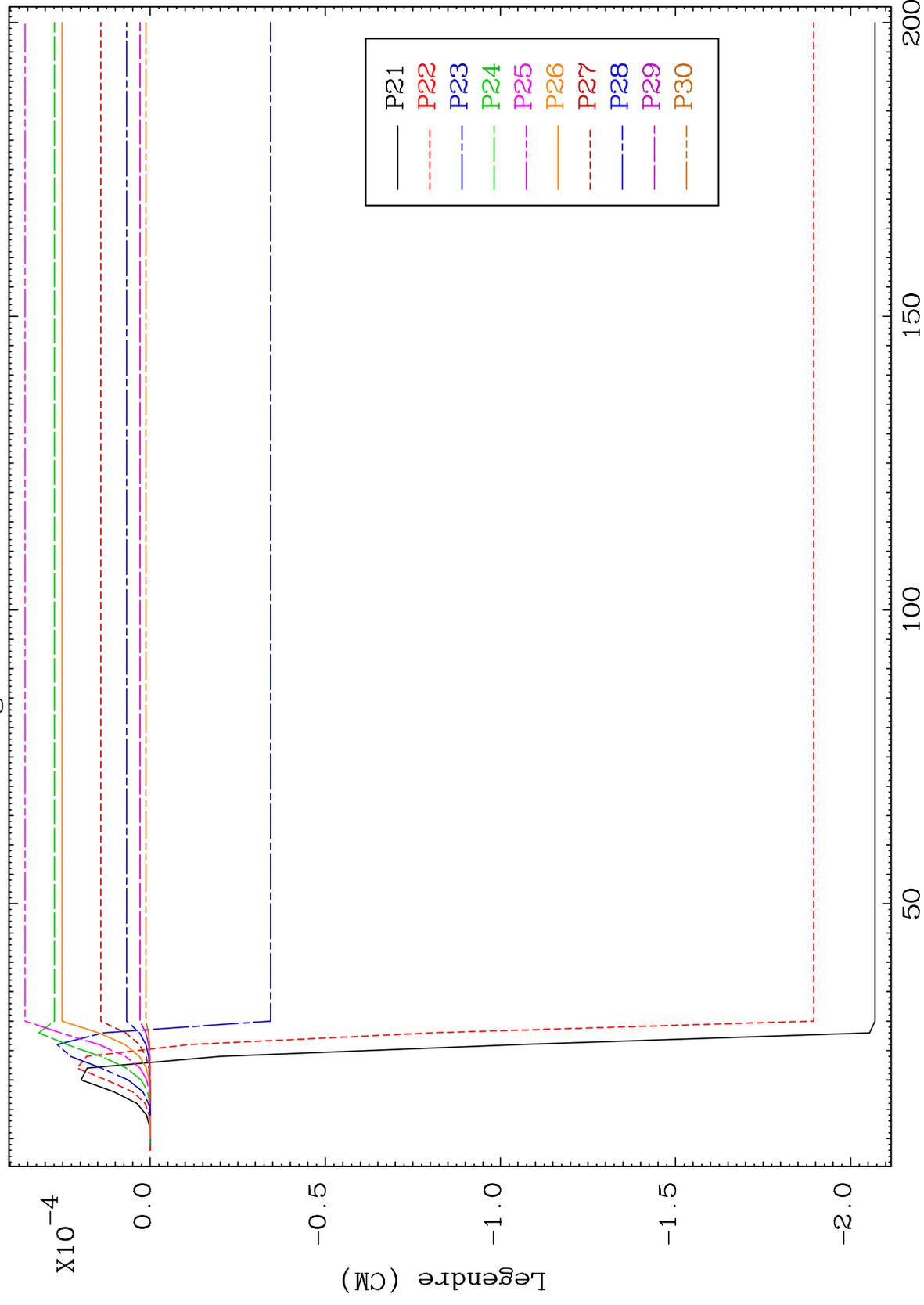
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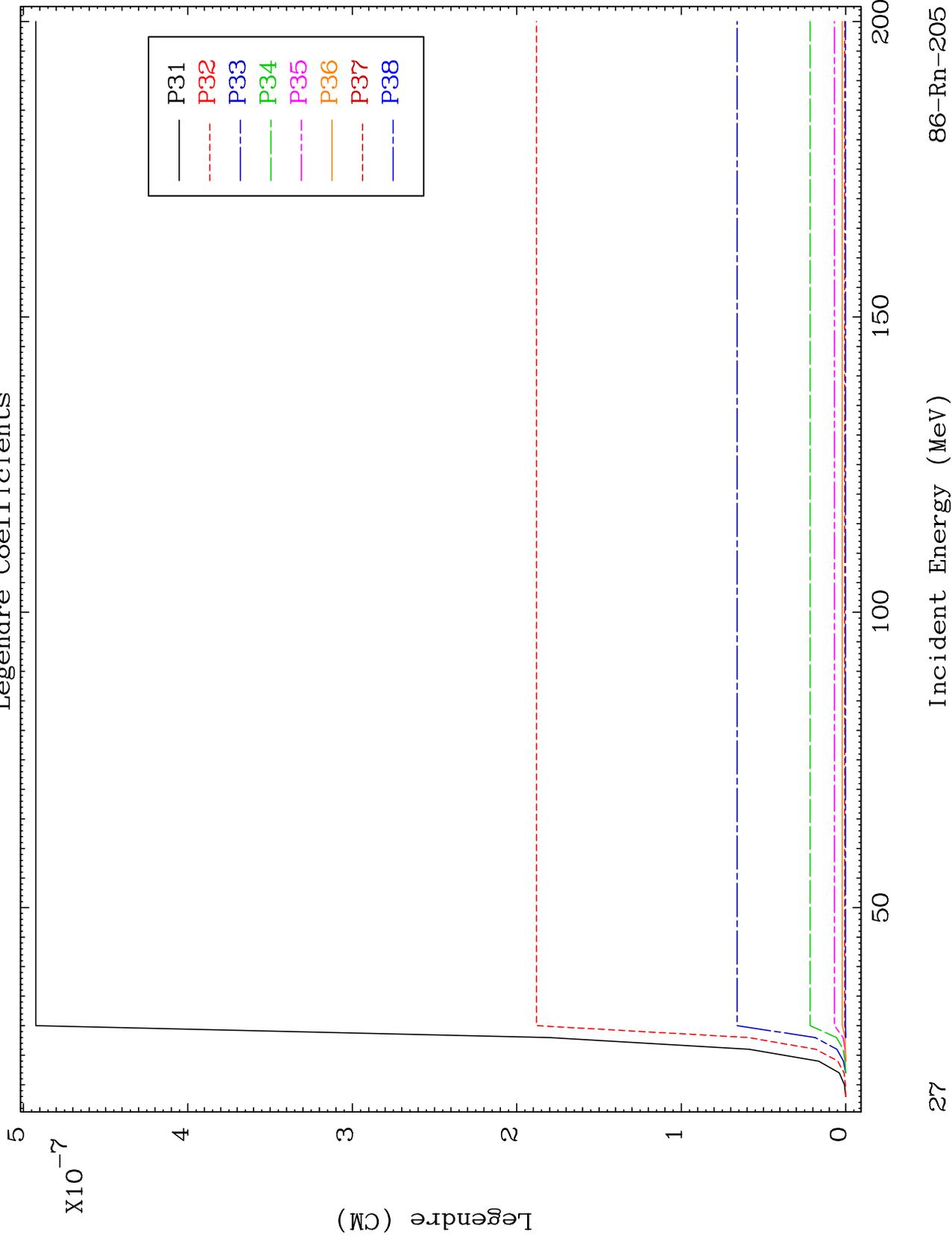


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Incident Energy (MeV)

86-Rn-205

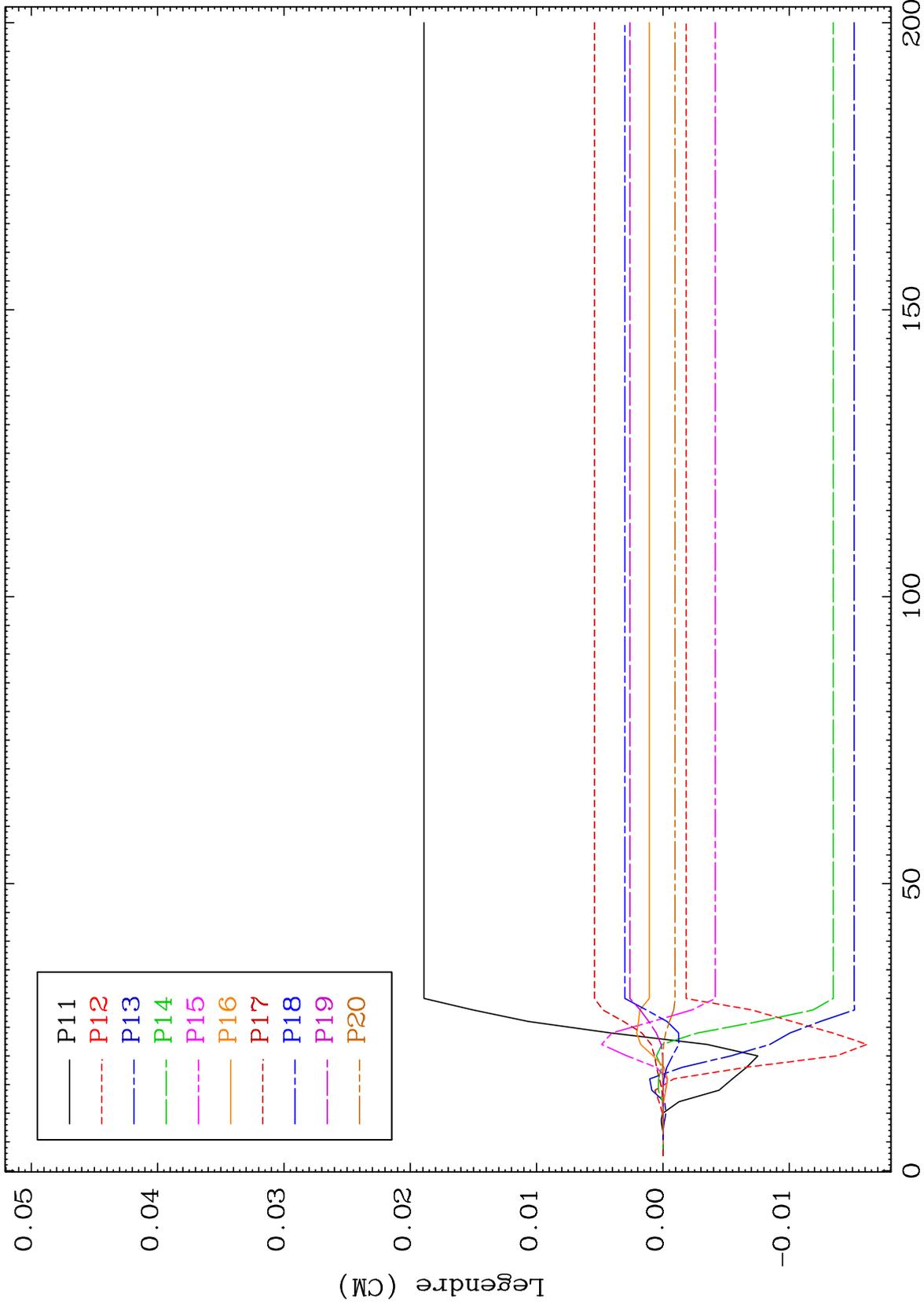




MAT 8607

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

86-Rn-205



29

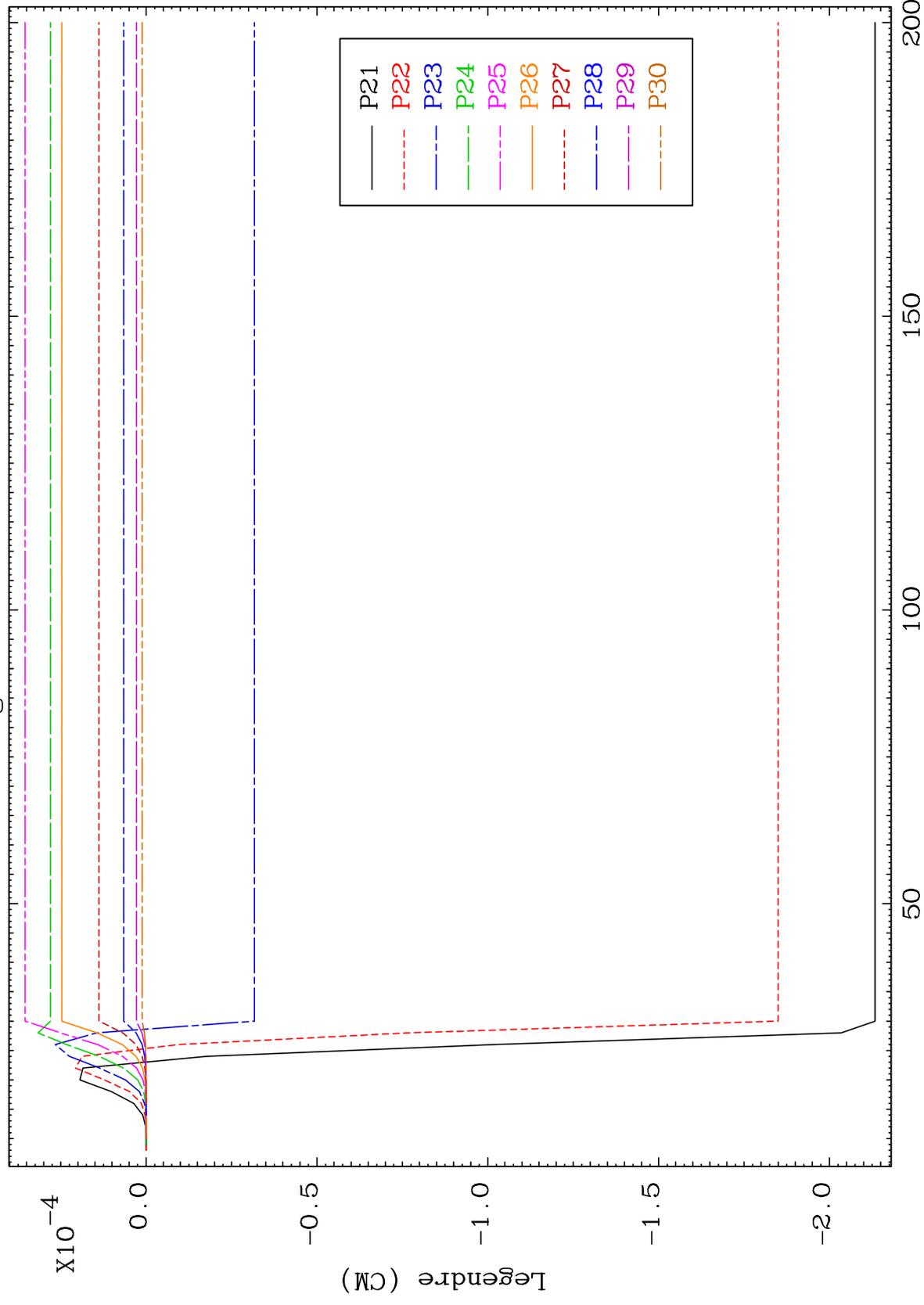
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



30

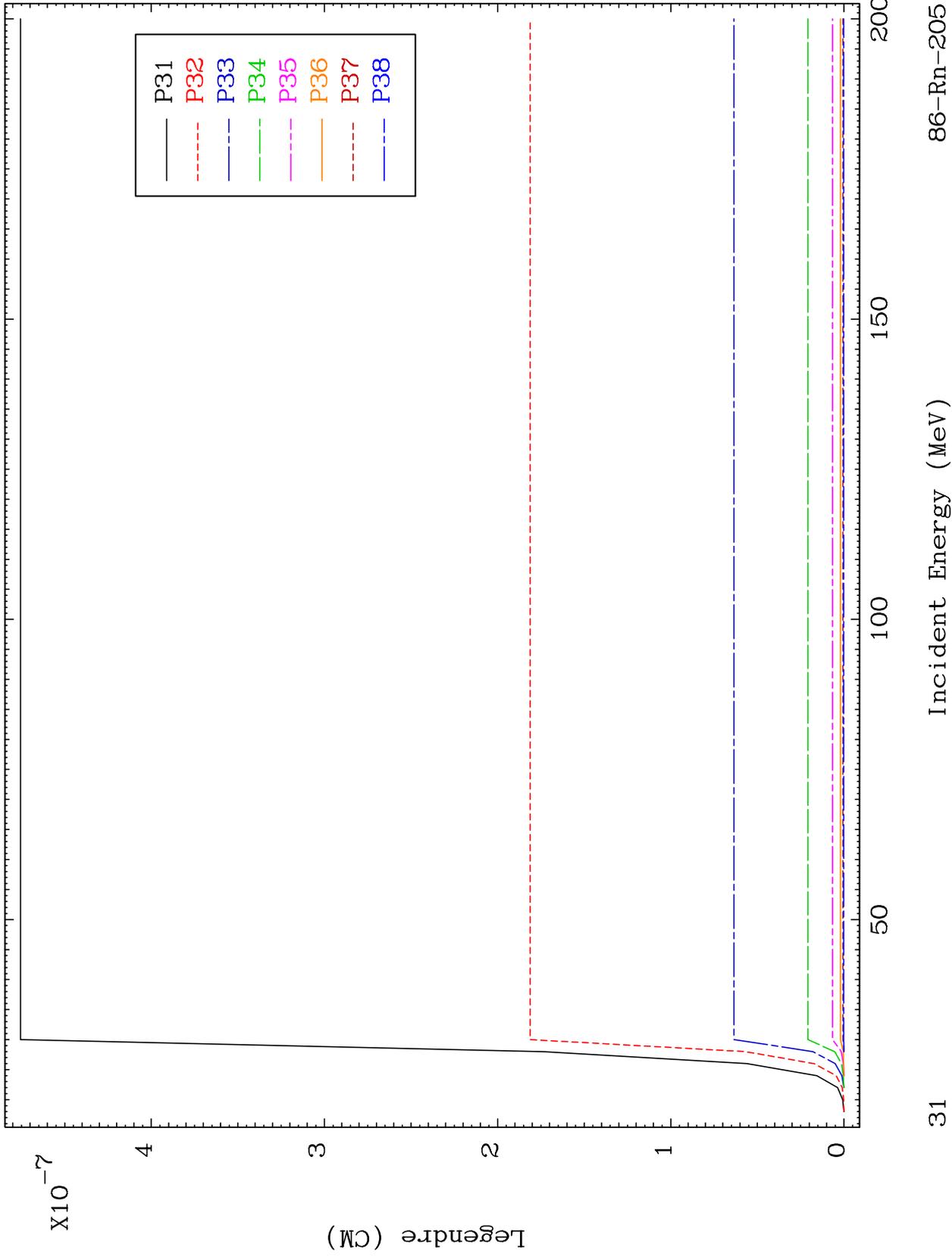
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

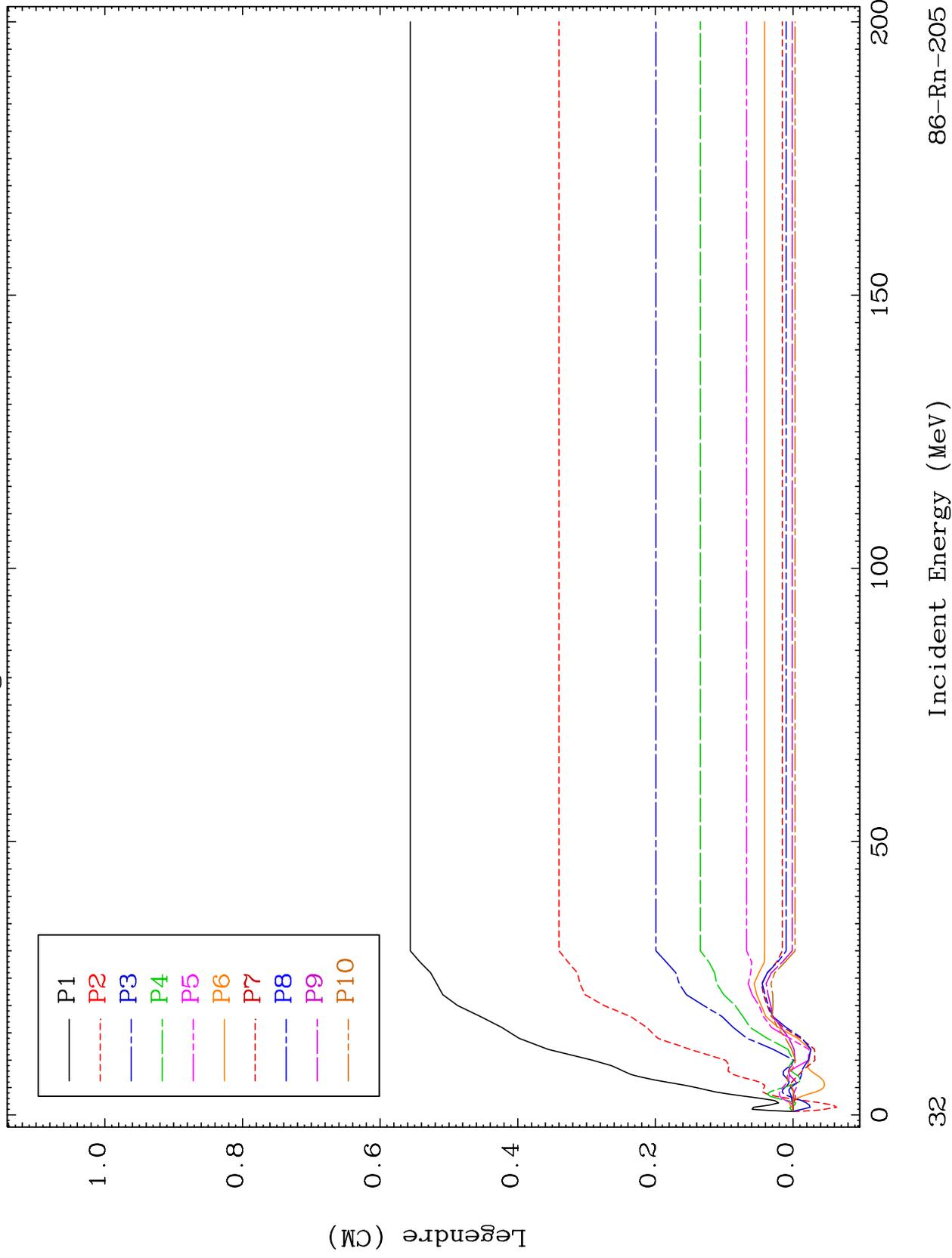
86-Rn-205



MAT 8607

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

86-Rn-205

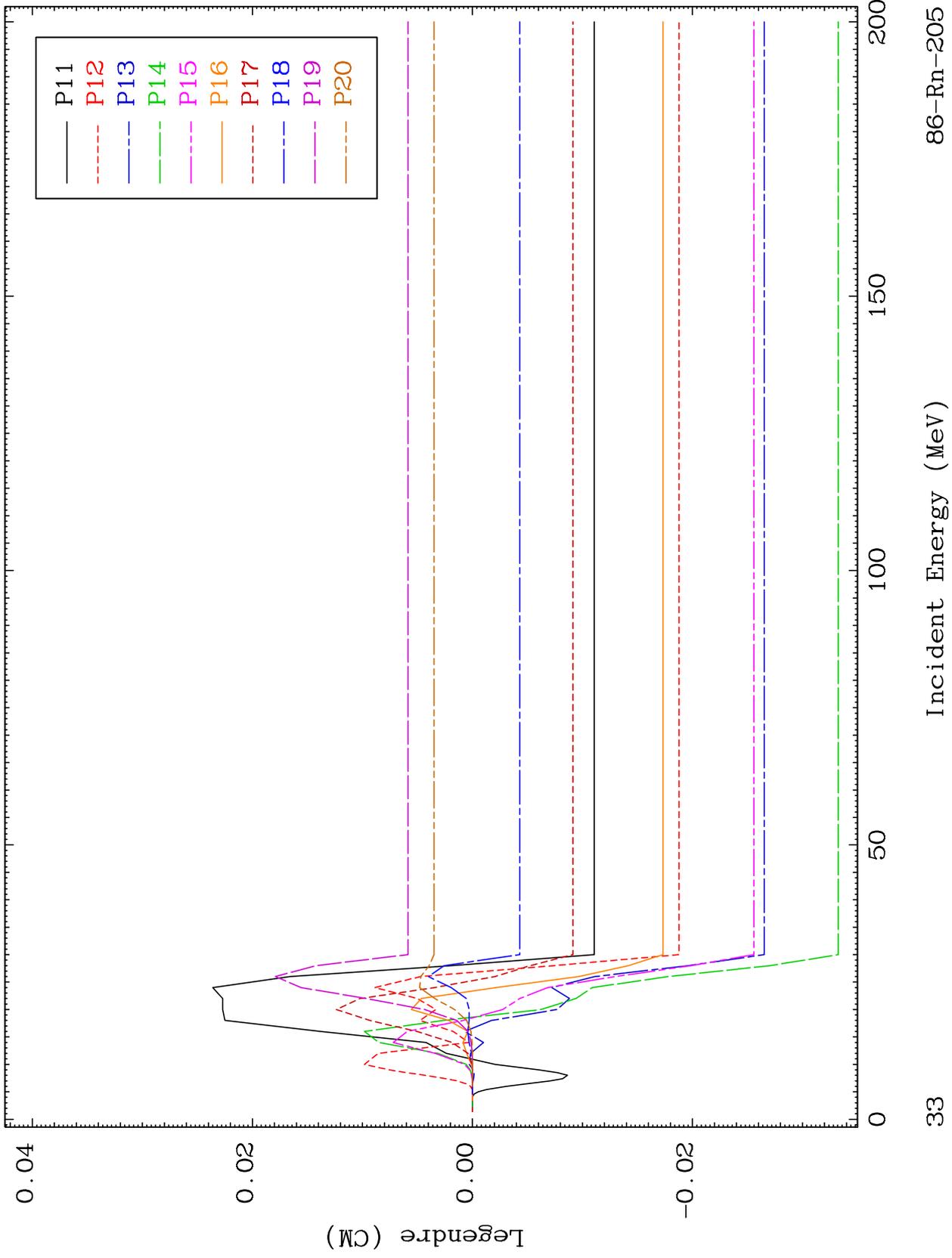


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MAT 8607

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

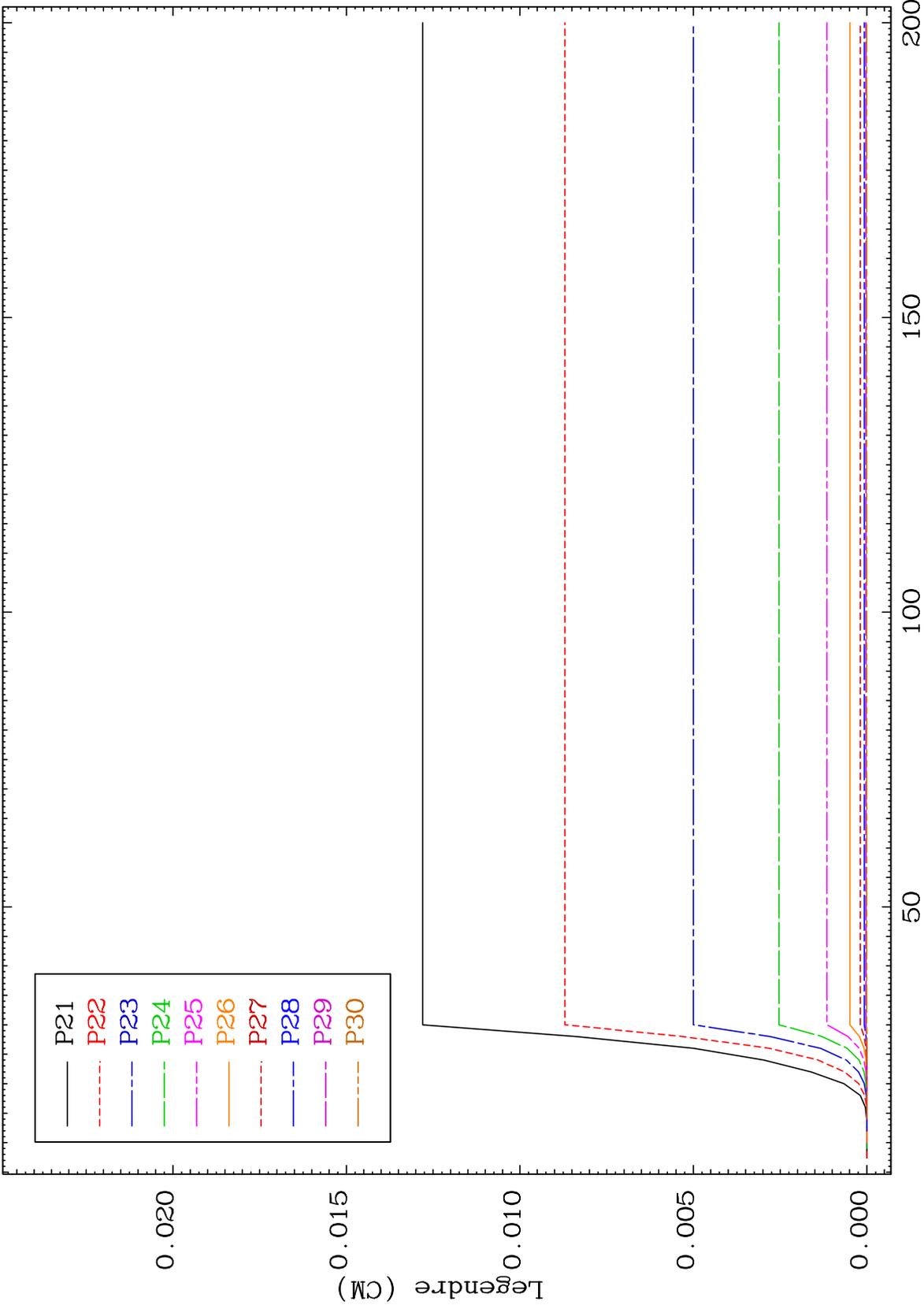
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33

Incident Energy (MeV)

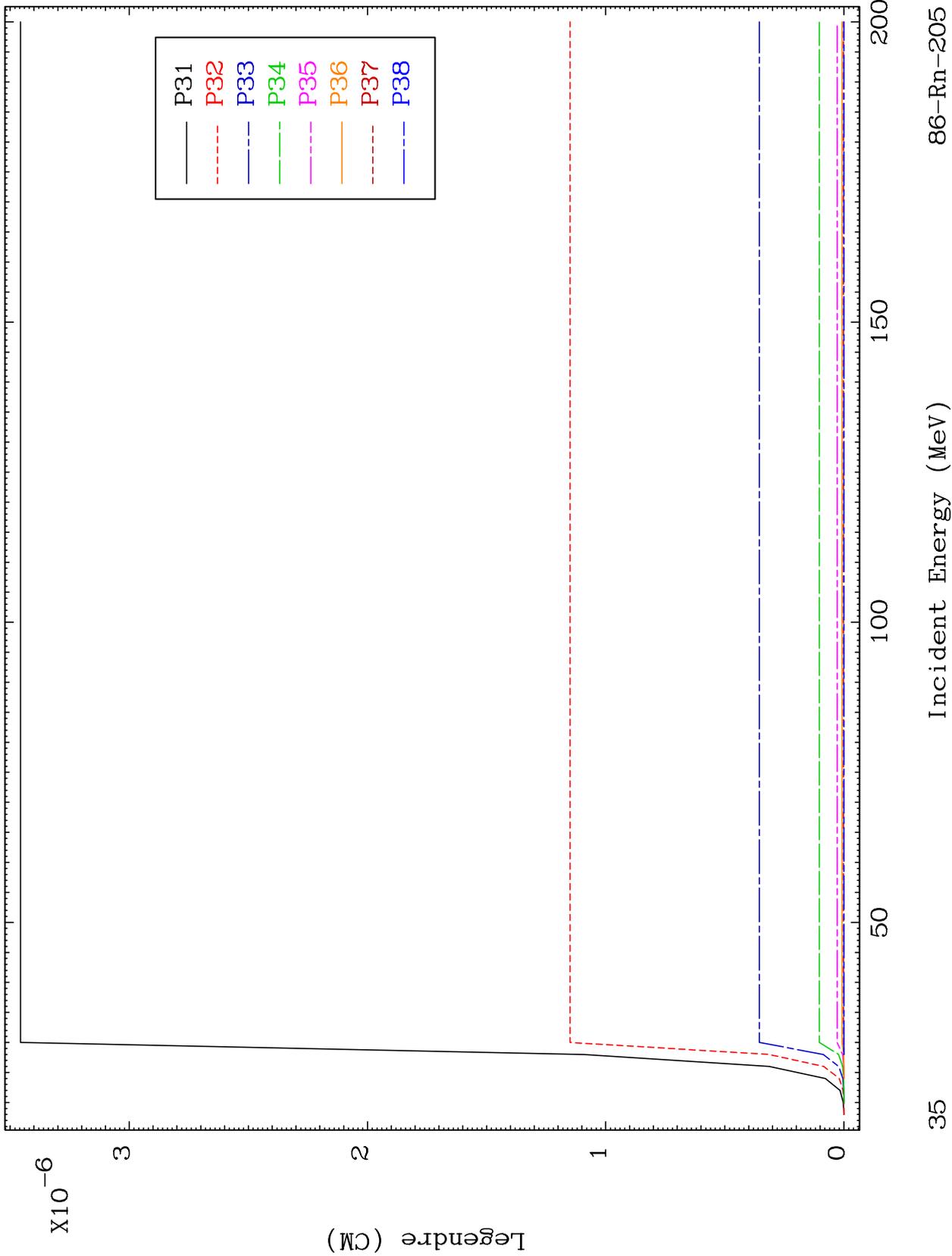
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MAT 8607

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

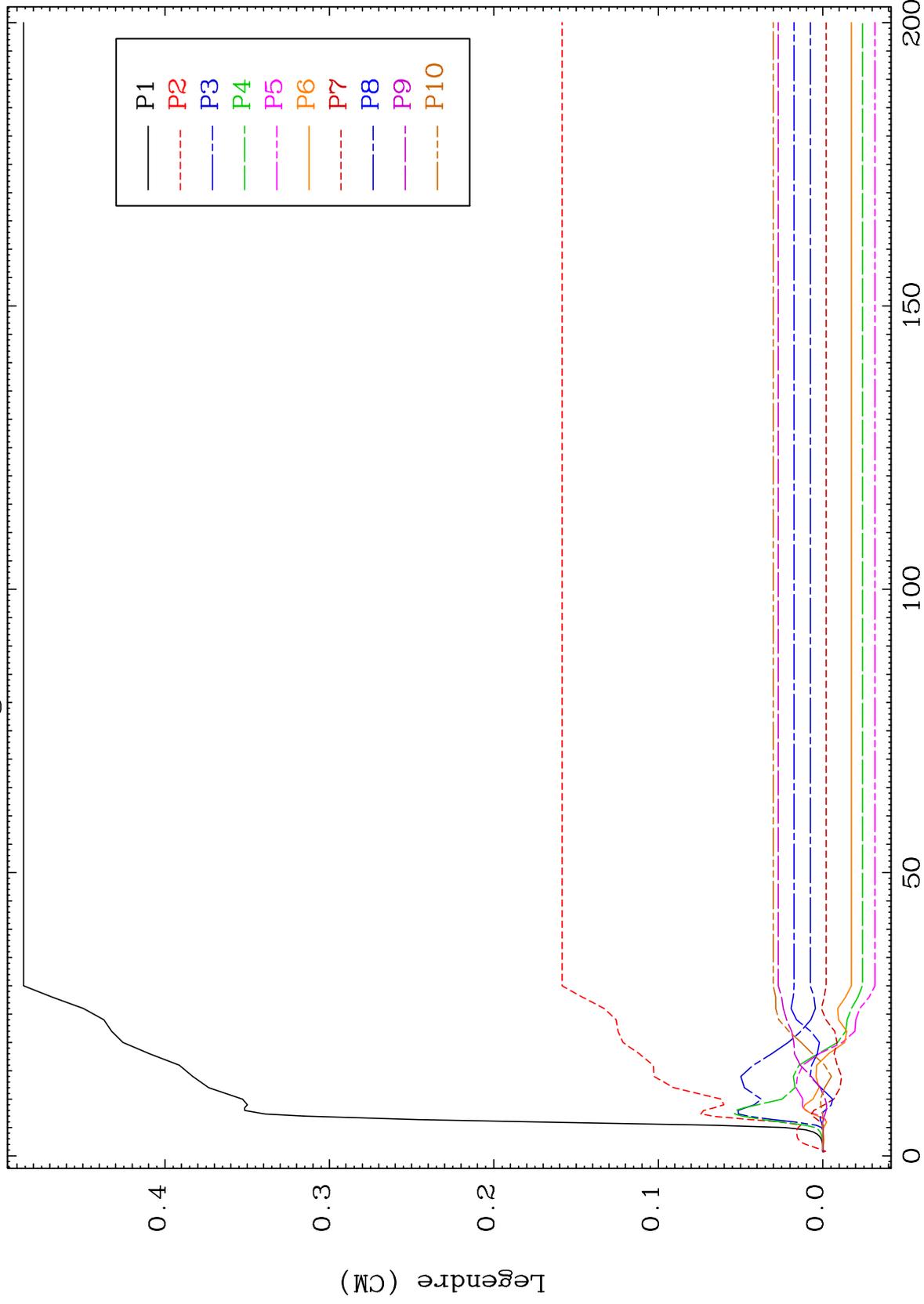
86-Rn-205



MAT 8607

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

86-Rn-205



86-Rn-205

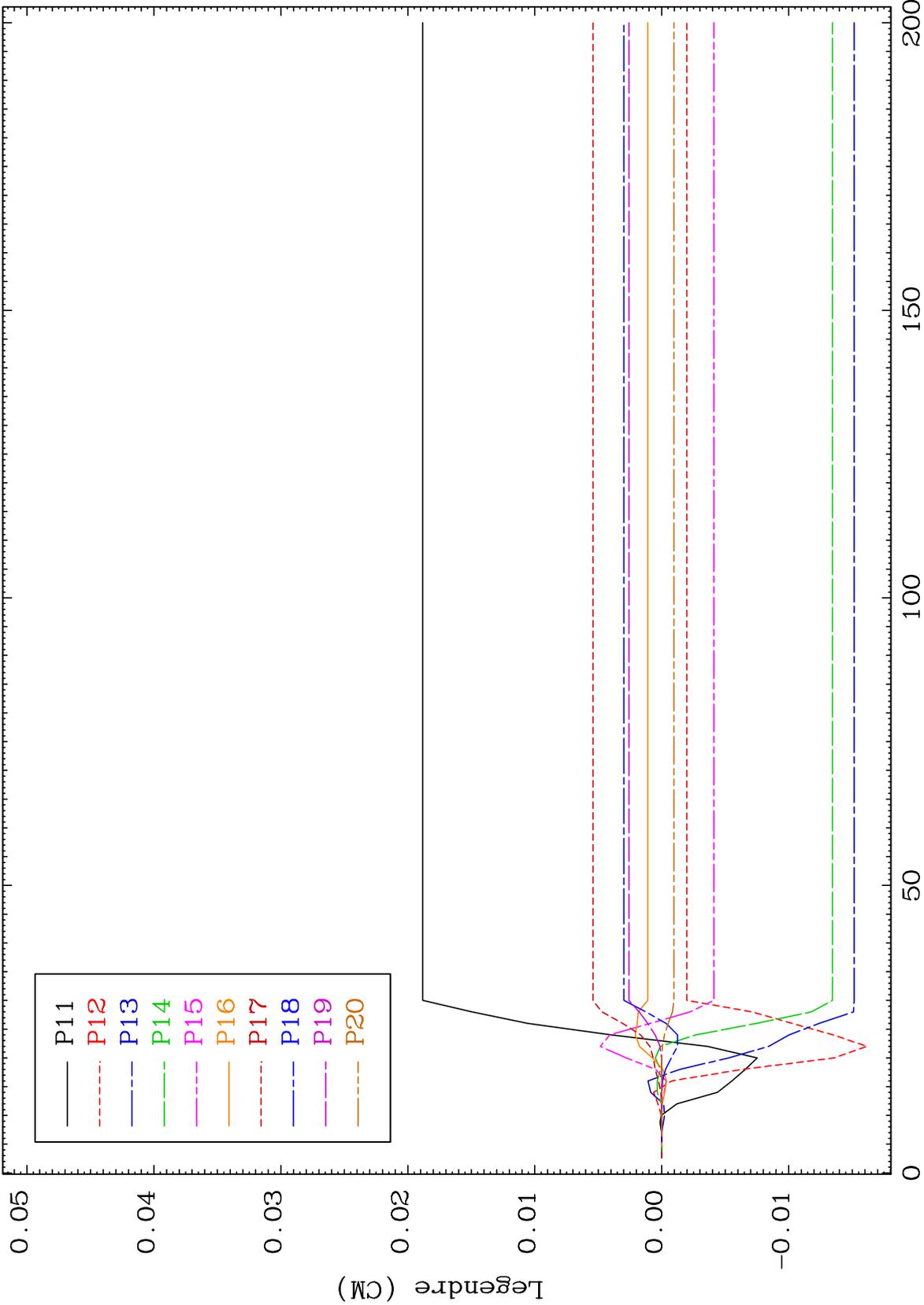
Incident Energy (MeV)

36

MAT 8607

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

86-Rn-205



37

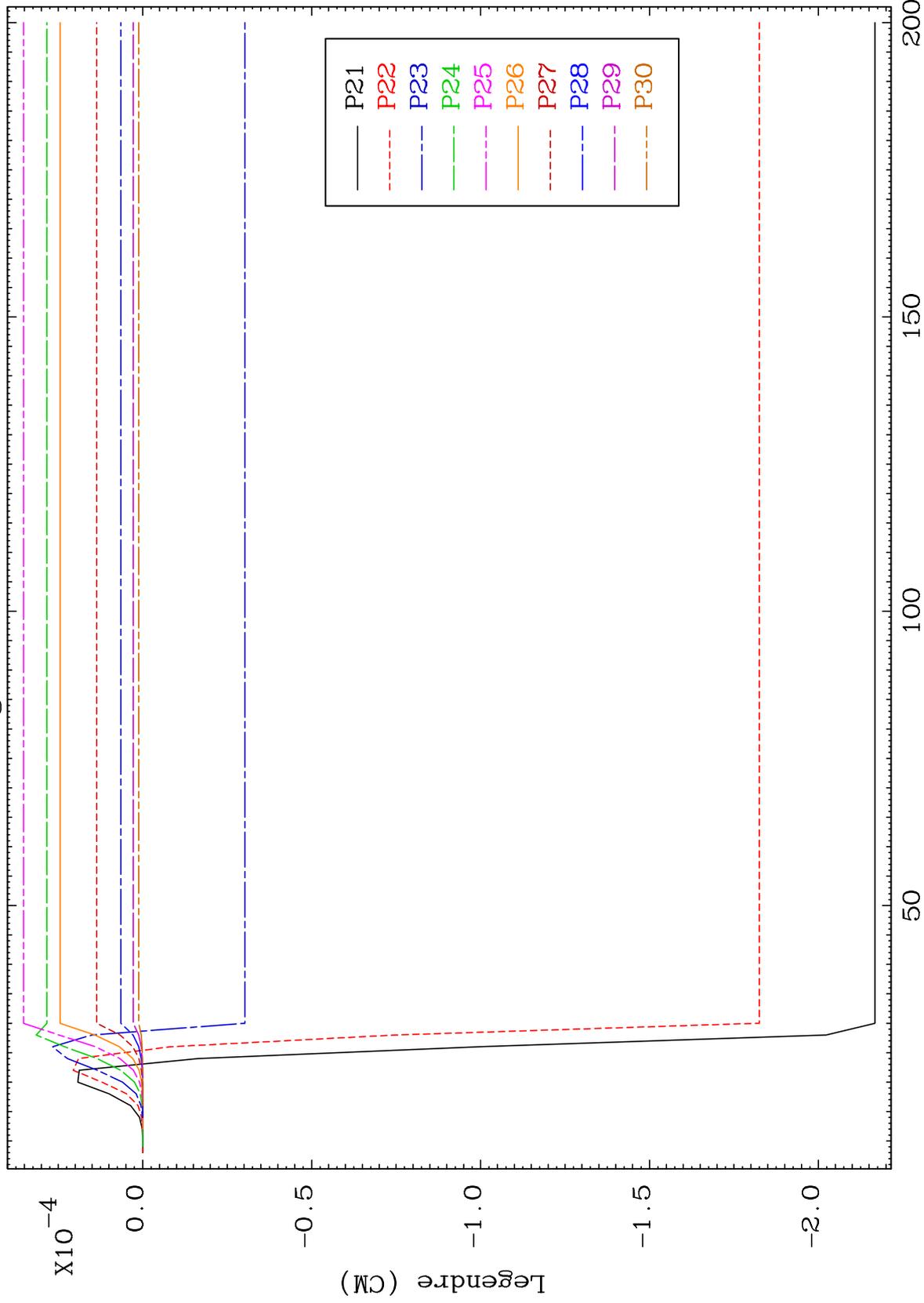
Incident Energy (MeV)

86-Rn-205

MAT 8607

86-Rn-205

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



38

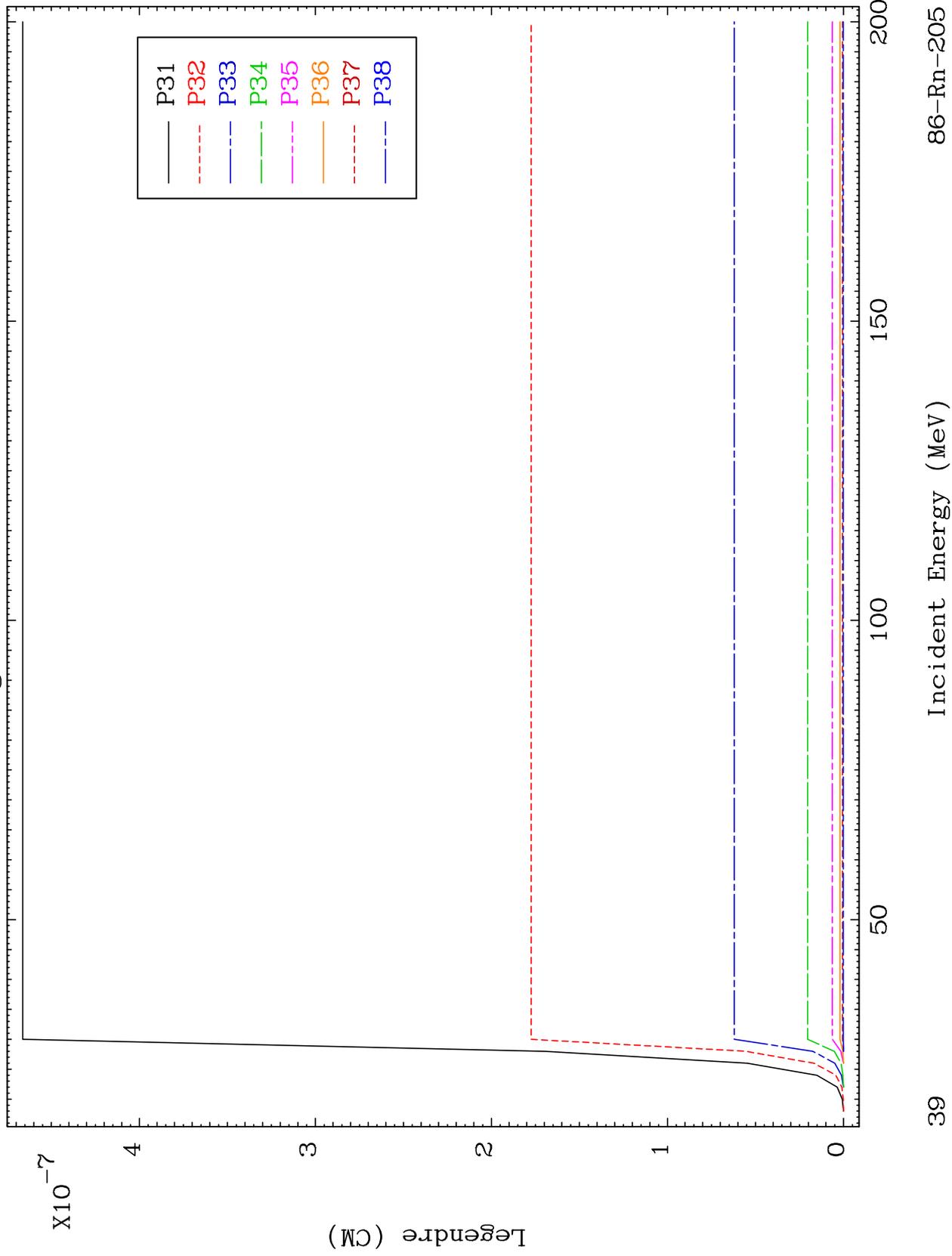
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205

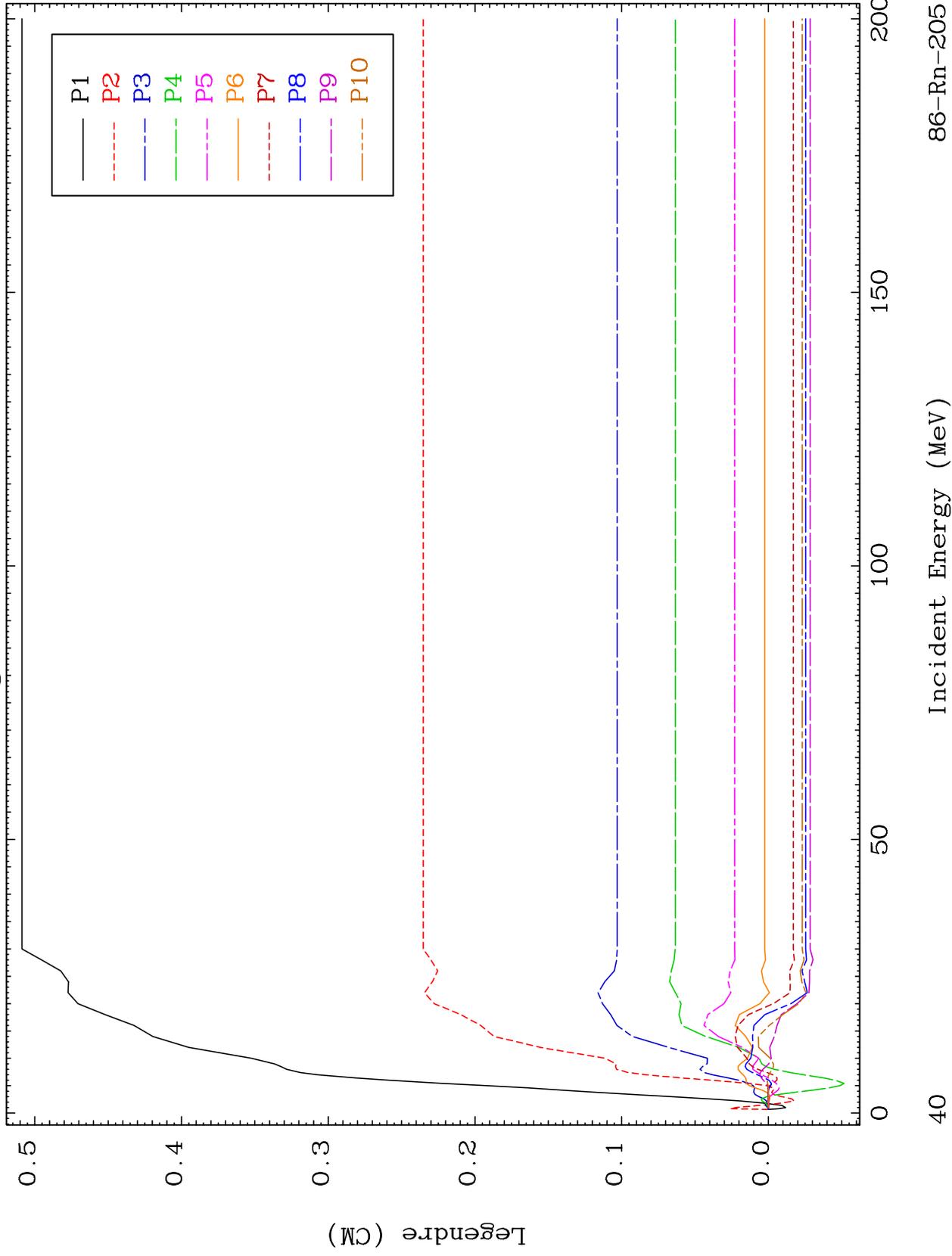


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MAT 8607

MT= 56 (n,n') Level
Legendre Coefficients

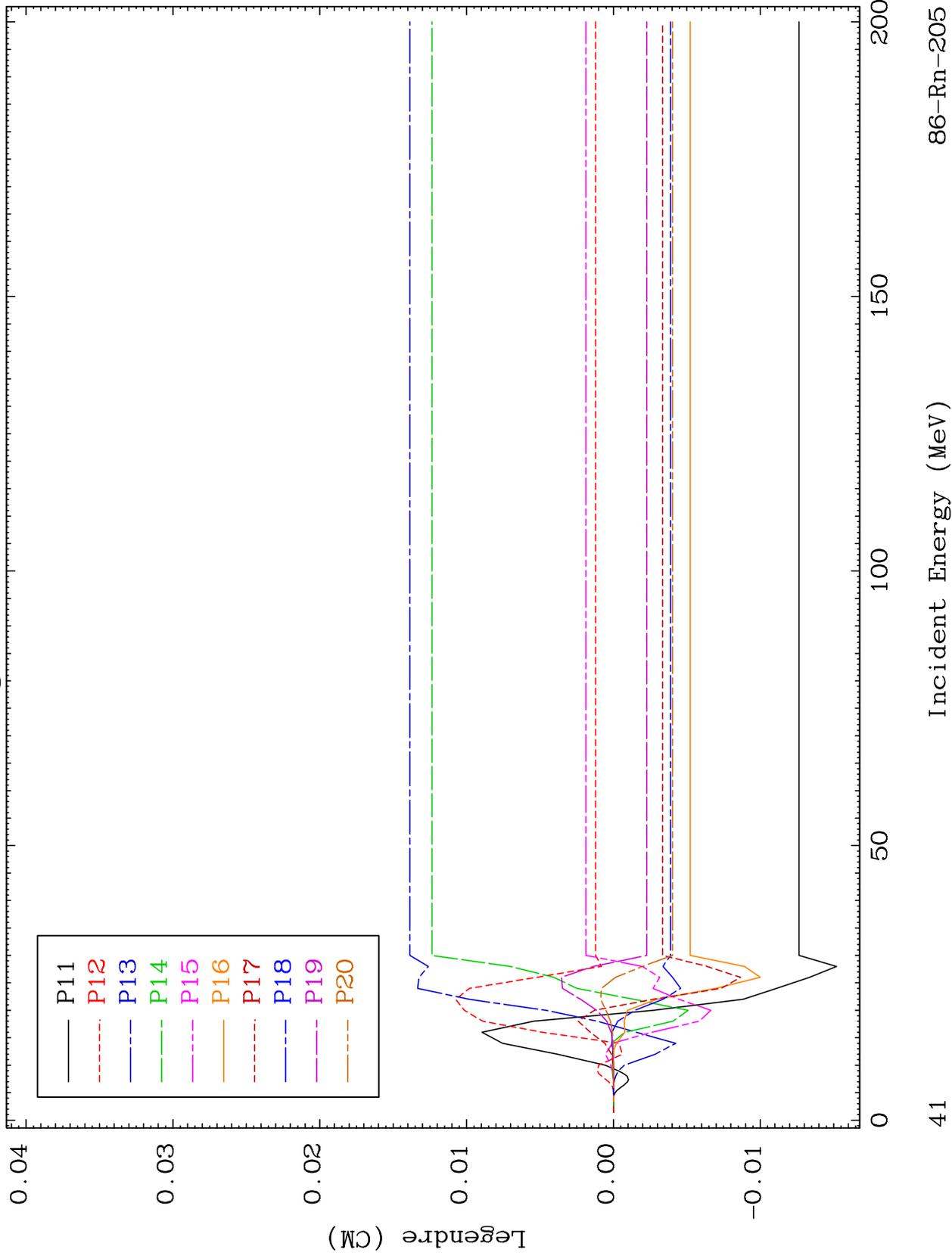
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MAT 8607

MT= 56 (n,n') Level
Legendre Coefficients

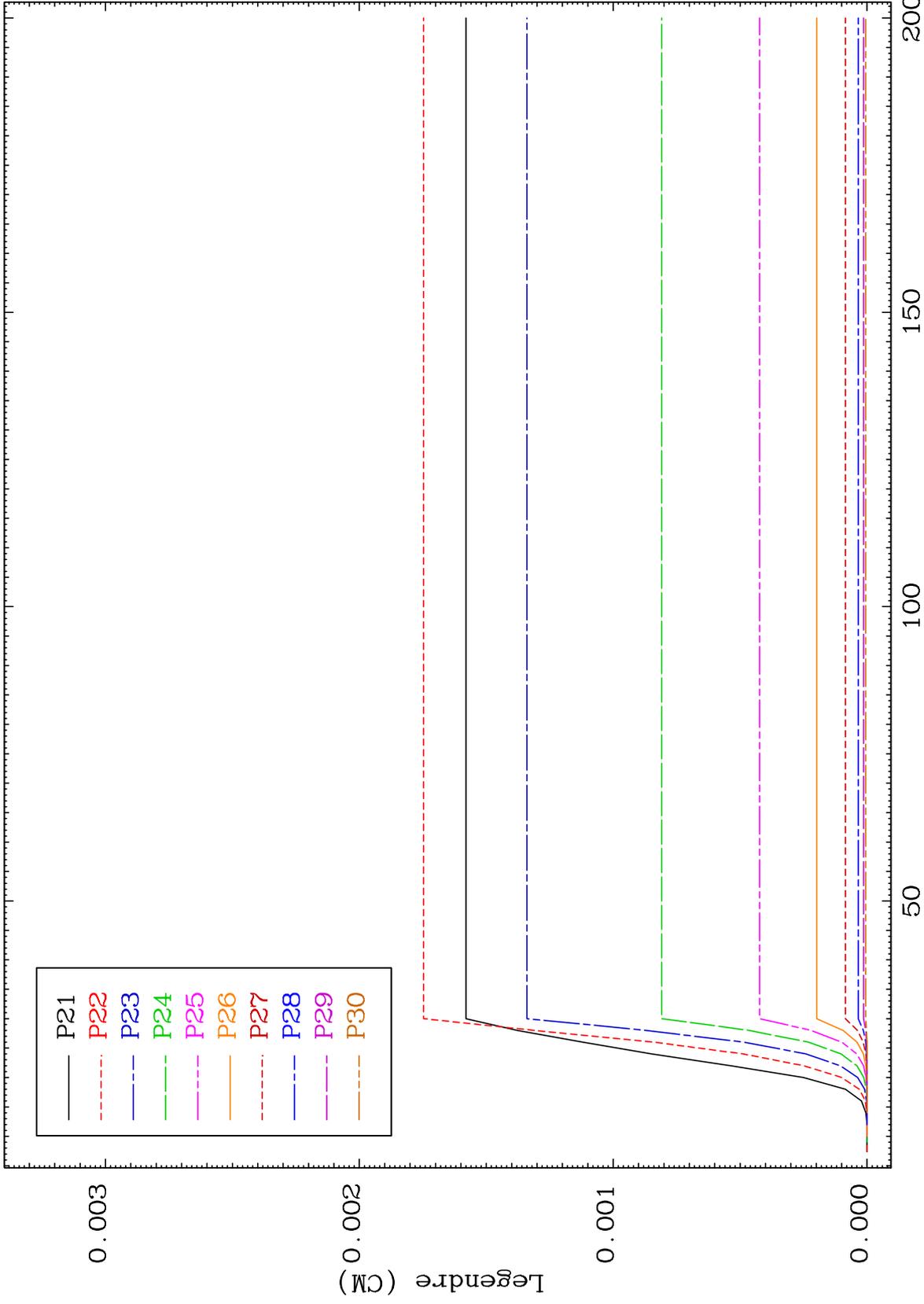
86-Rn-205



MAT 8607

MT= 56 (n,n') Level
Legendre Coefficients

86-Rn-205



42

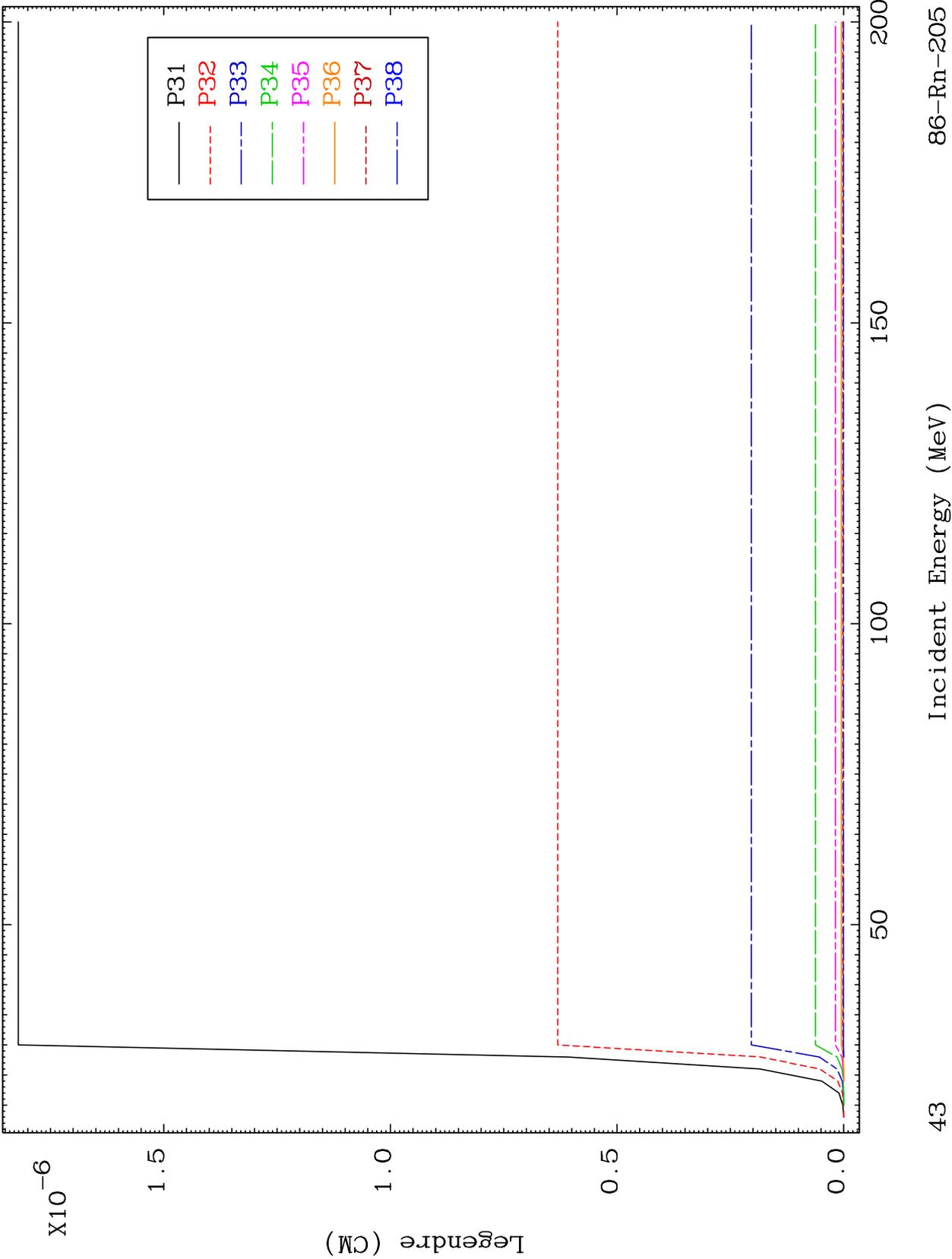
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86-Rn-205

MAT 8607

MT= 56 (n,n') Level
Legendre Coefficients

86-Rn-205



43

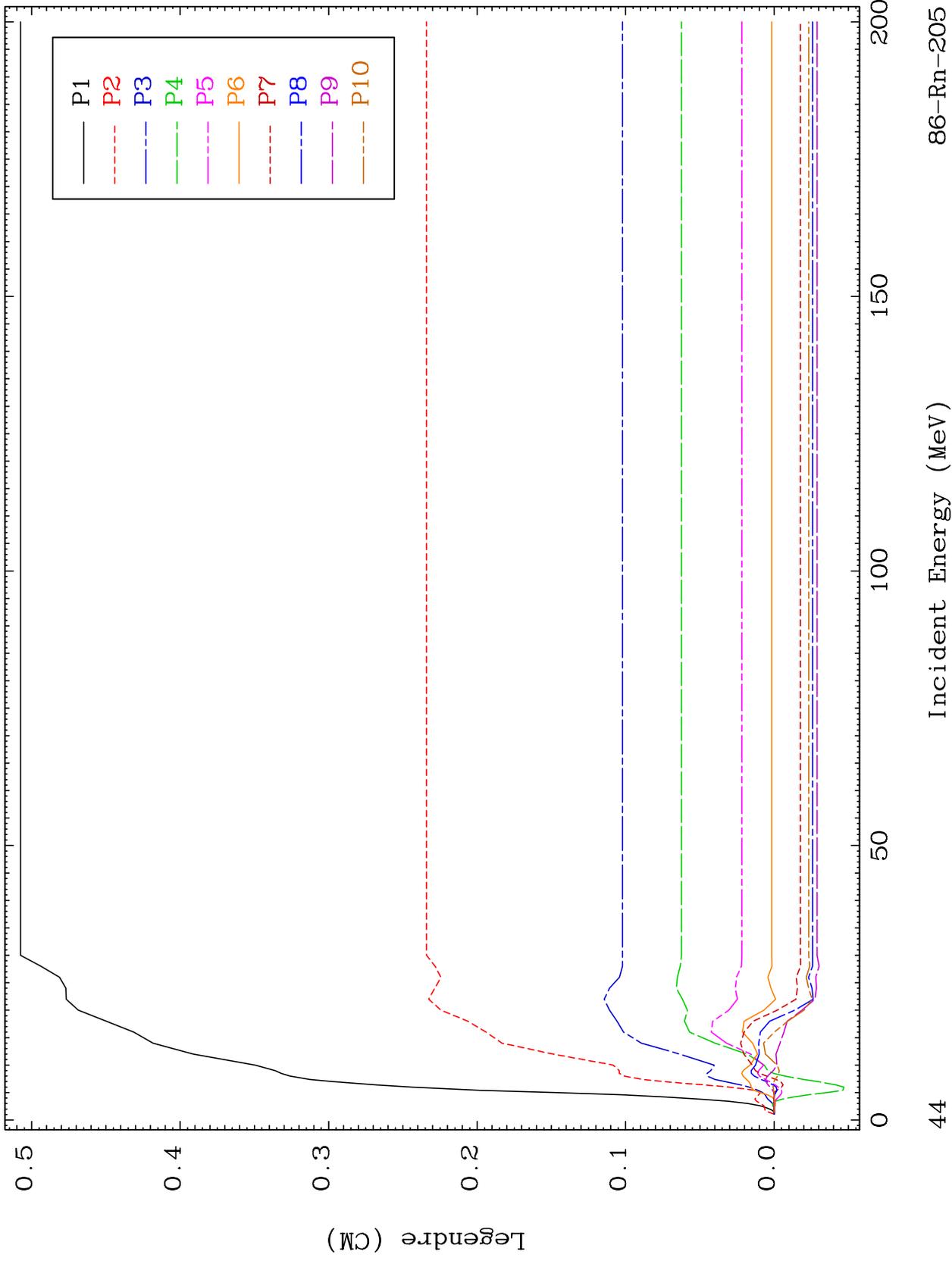
Incident Energy (MeV)

86-Rn-205

MAT 8607

MT= 57 (n,n') Level
Legendre Coefficients

86-Rn-205



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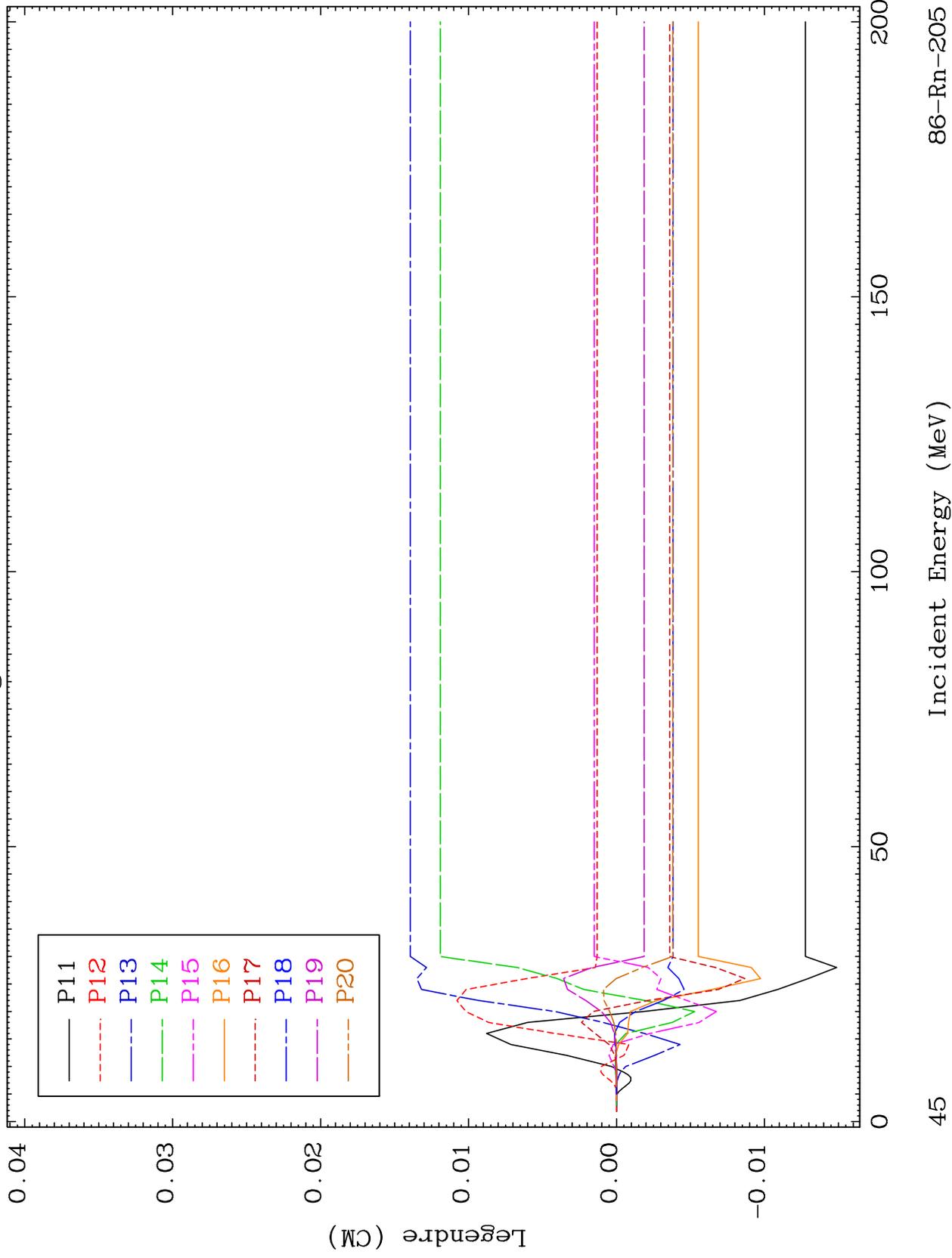
Incident Energy (MeV)

86-Rn-205

MAT 8607

MT= 57 (n,n') Level
Legendre Coefficients

86-Rn-205



86-Rn-205

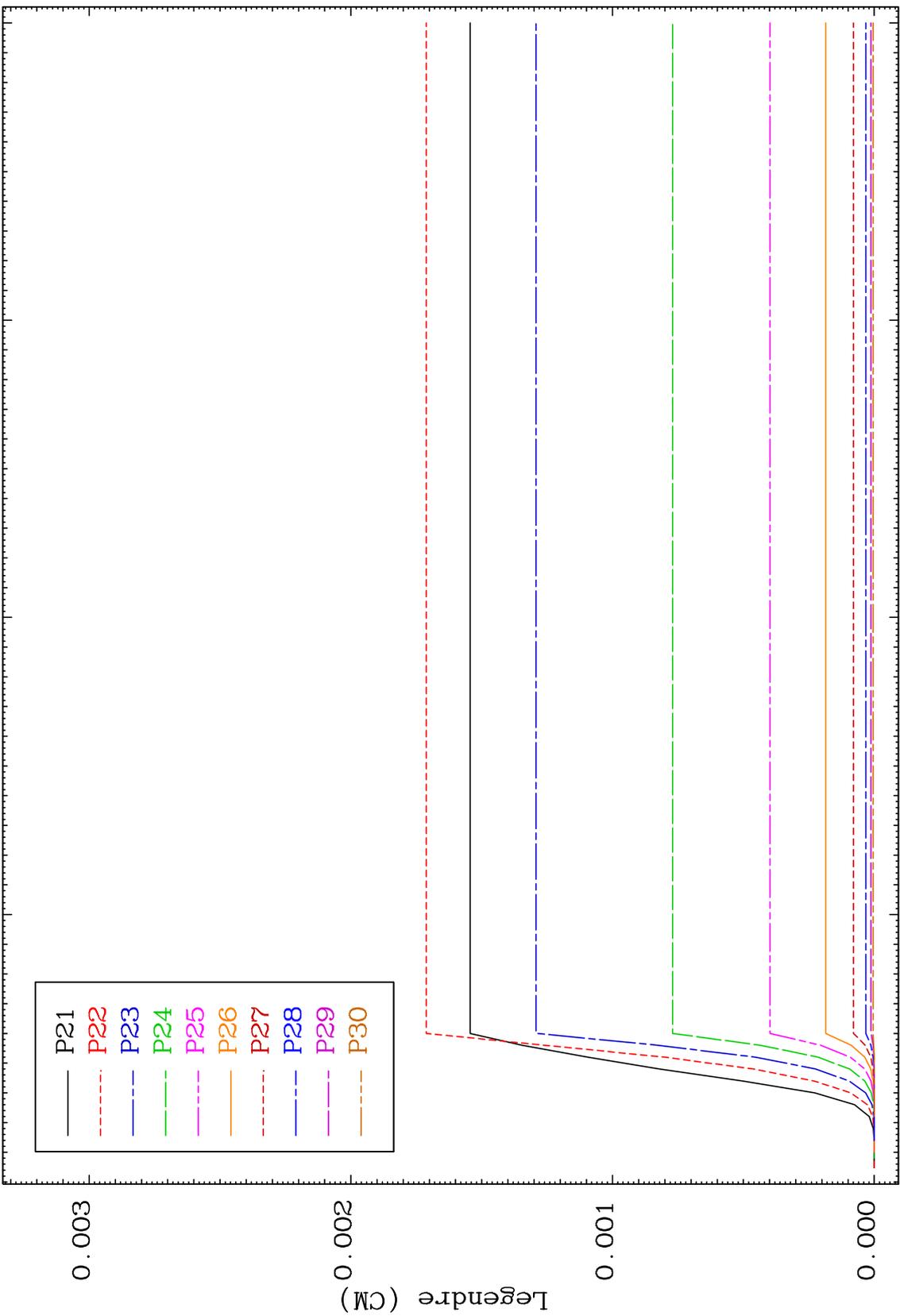
Incident Energy (MeV)

45

MAT 8607

MT= 57 (n,n') Level
Legendre Coefficients

86-Rn-205



46

Incident Energy (MeV)

86-Rn-205

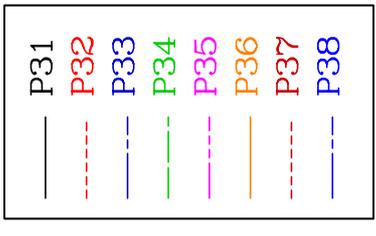
MAT 8607

MT= 57 (n,n') Level
Legendre Coefficients

86-Rn-205

$\times 10^{-6}$
1.5

Legendre (CM)



0.0

50

100

150

200

47

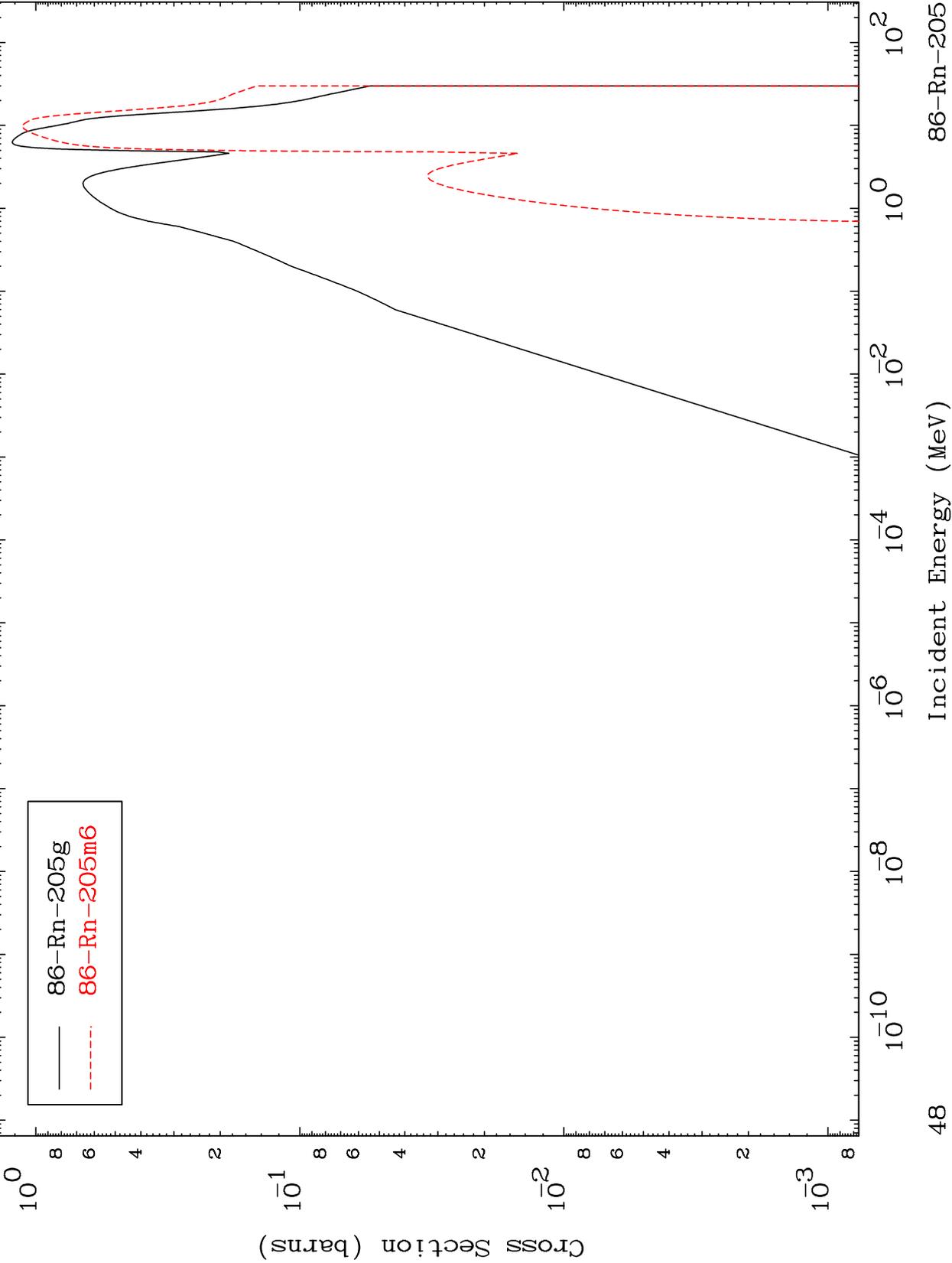
Incident Energy (MeV)

86-Rn-205

MAT 8607

Inelastic
Radionuclide Production Cross Section

86-Rn-205

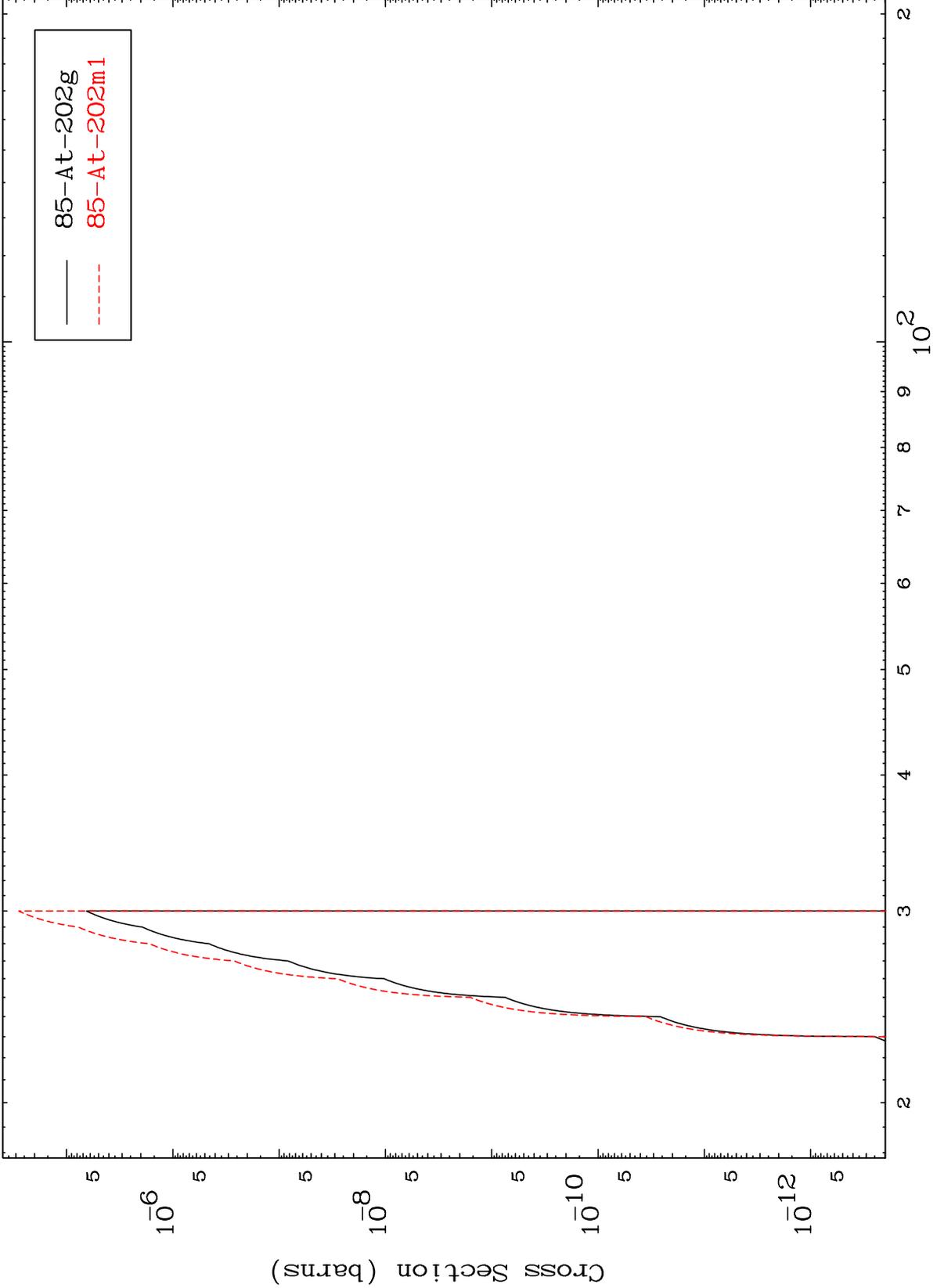


MAT 8607

(n,2n) d

86-Rn-205

Radionuclide Production Cross Section



49

Incident Energy (MeV)

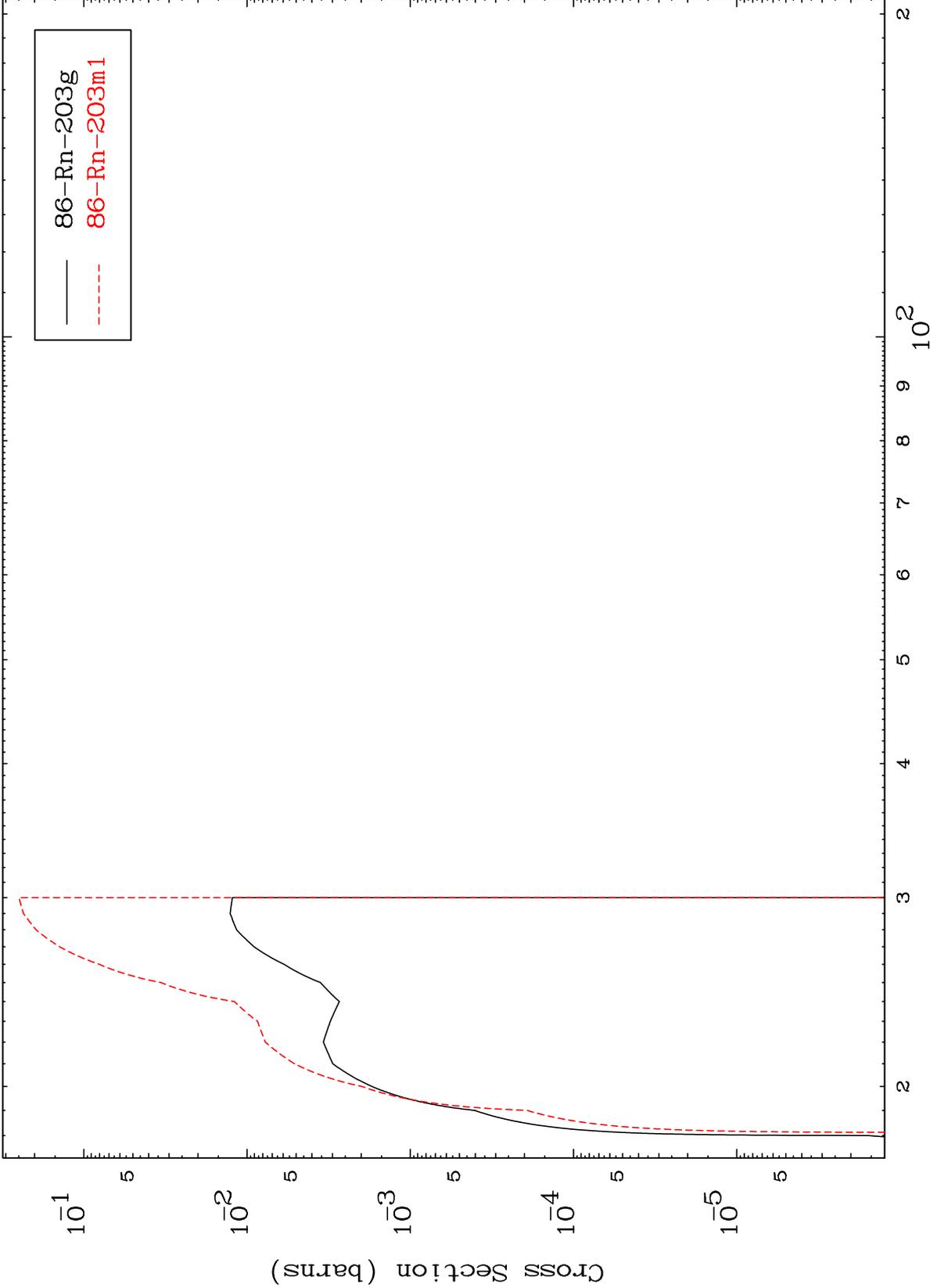
86-Rn-205

MAT 8607

(n,3n)

86-Rn-205

Radionuclide Production Cross Section



50

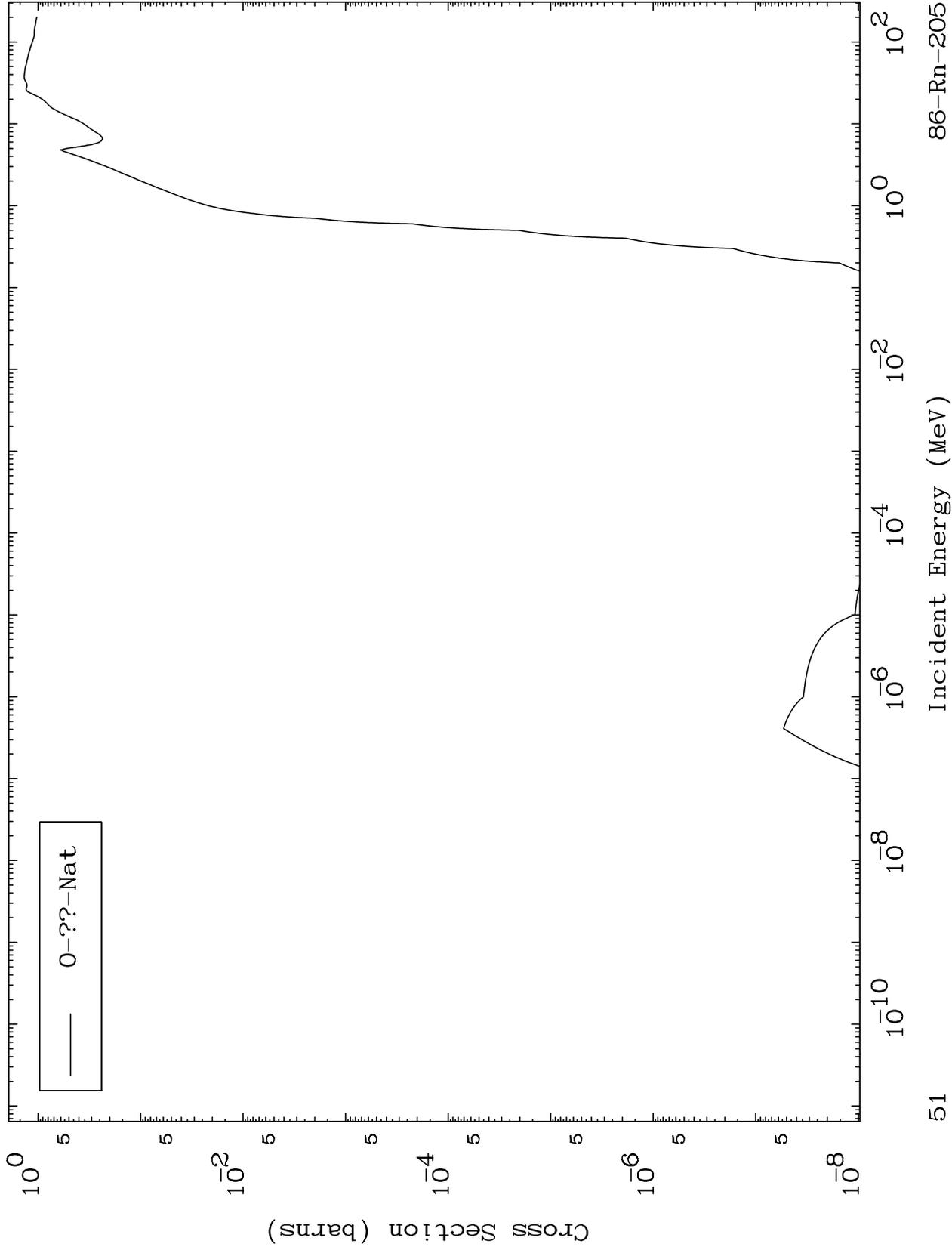
Incident Energy (MeV)

86-Rn-205

MAT 8607

Fission
Radionuclide Production Cross Section

86-Rn-205

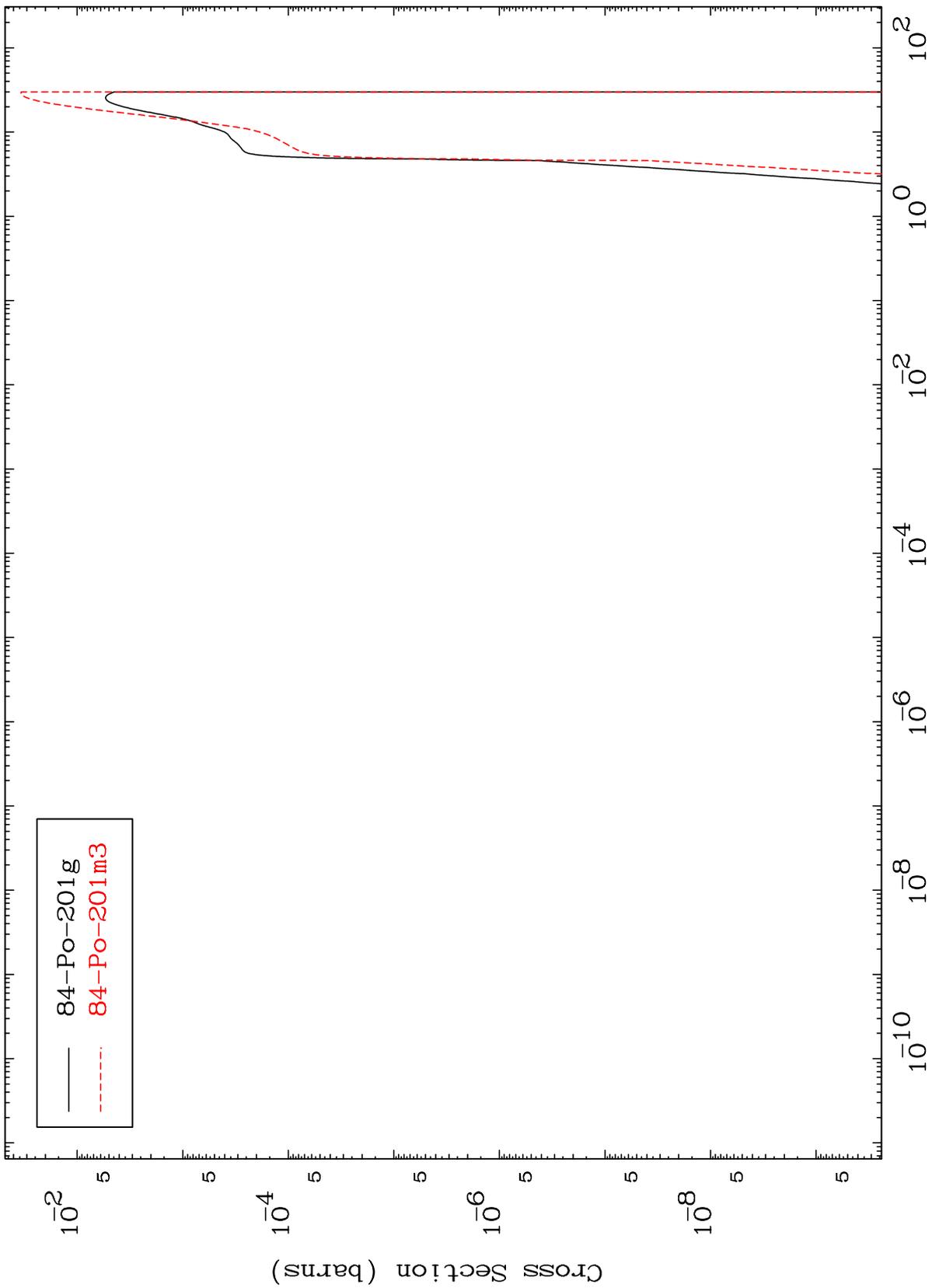


MAT 8607

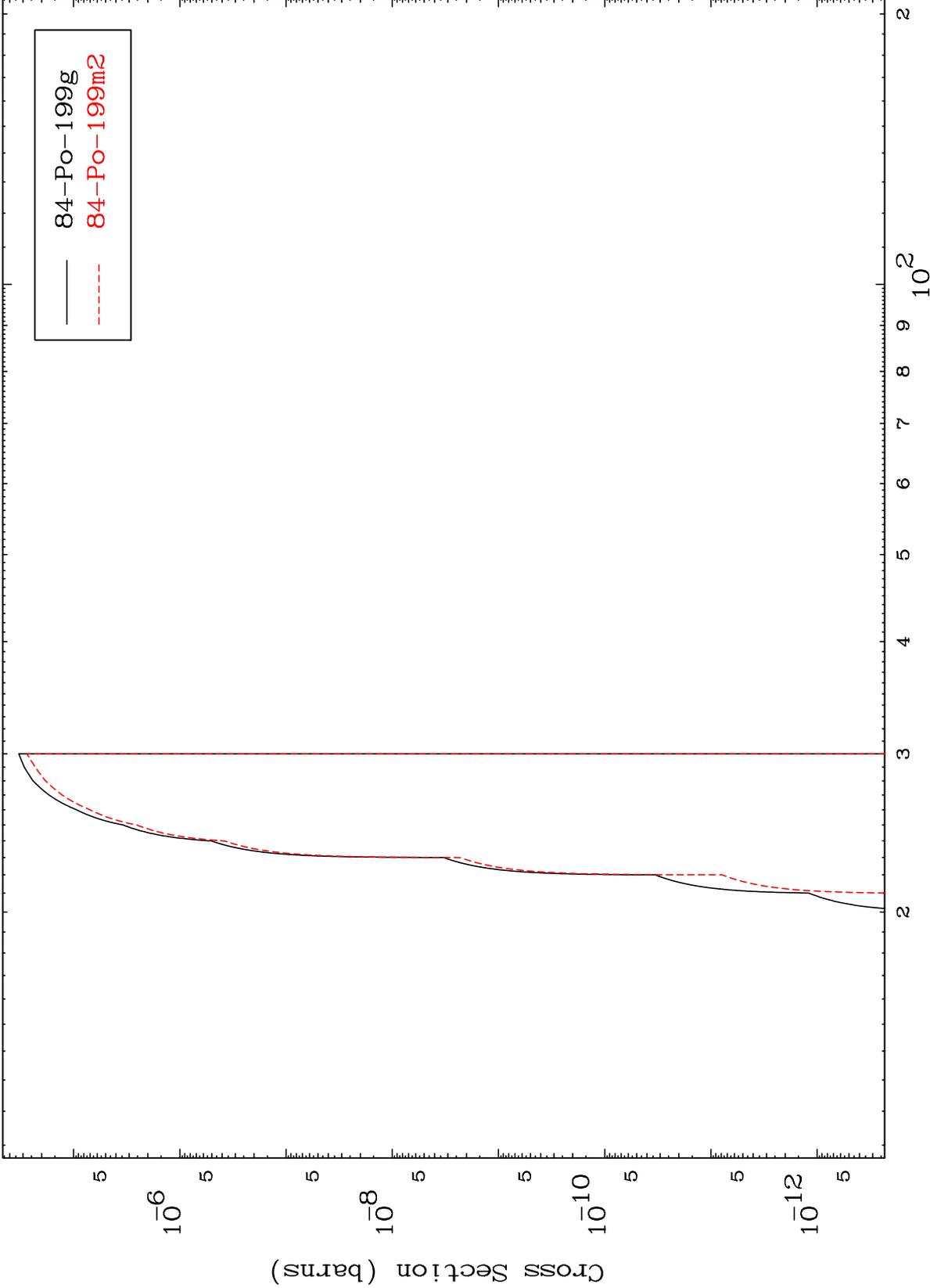
(n,n') α

86-Rn-205

Radionuclide Production Cross Section



Radionuclide Production Cross Section

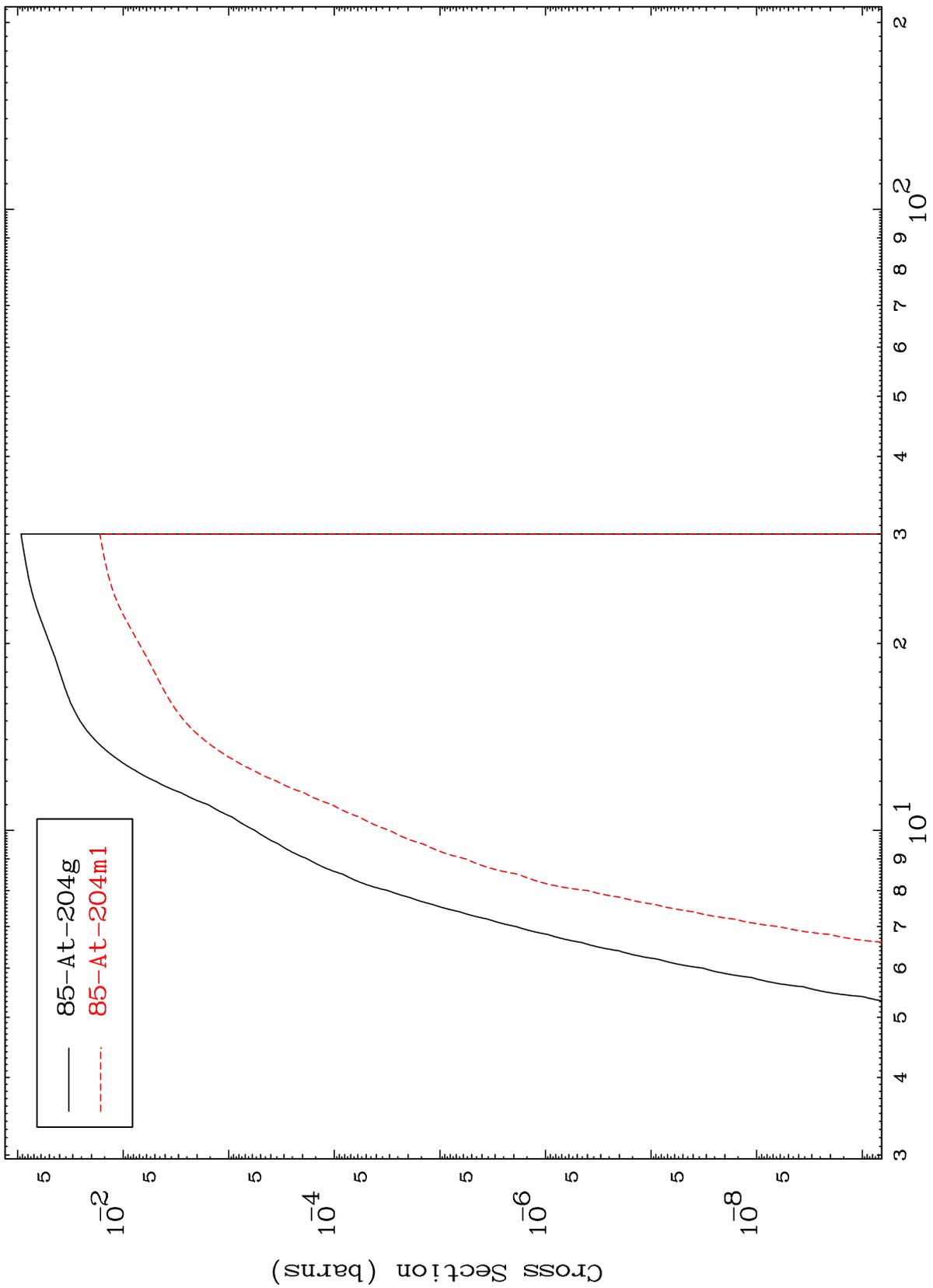


MAT 8607

(n,n') p

86-Rn-205

Radionuclide Production Cross Section



54

Incident Energy (MeV)

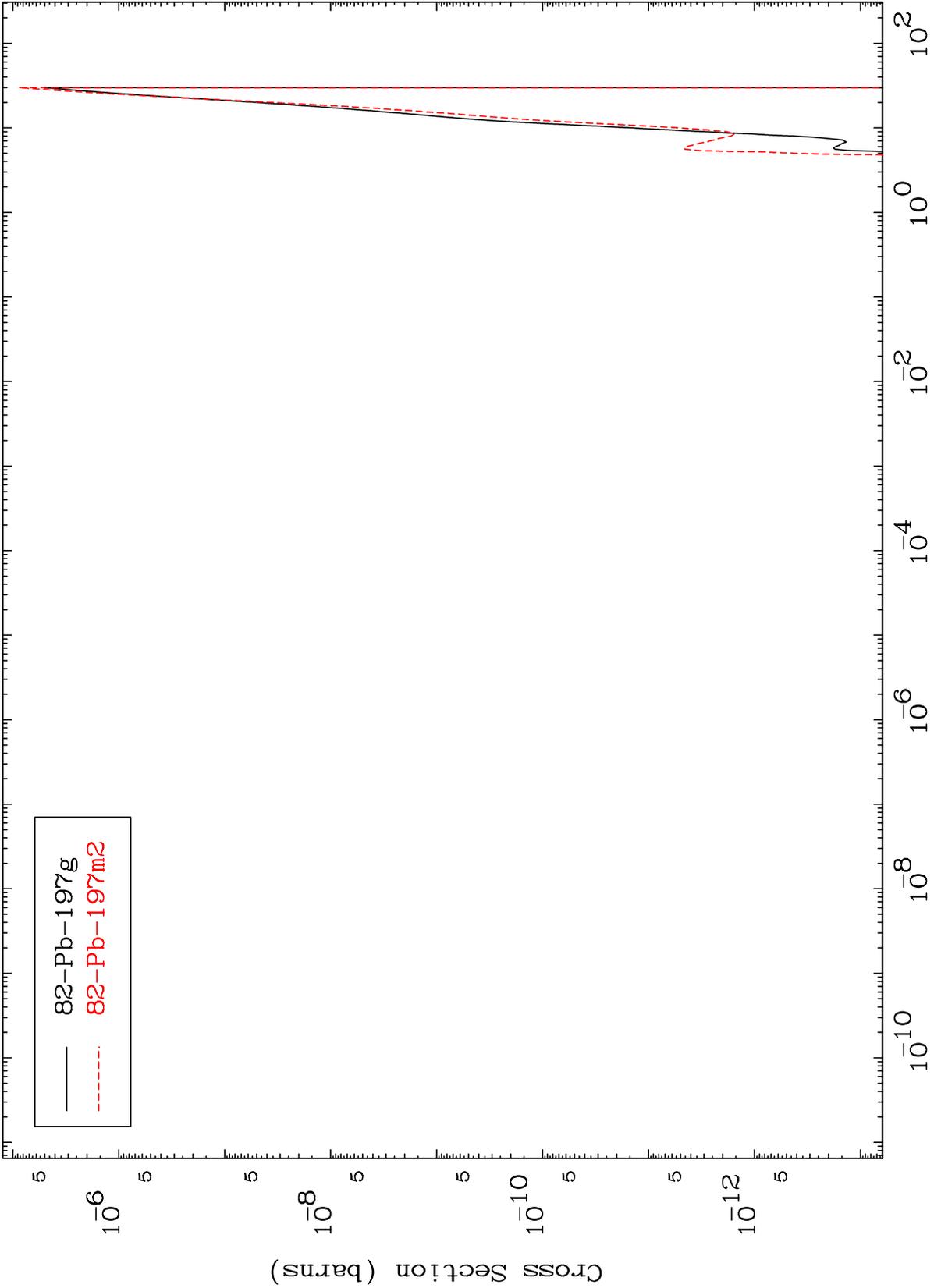
86-Rn-205

MAT 8607

(n,n') 2α

86-Rn-205

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

Incident Energy (MeV)

86-Rn-205

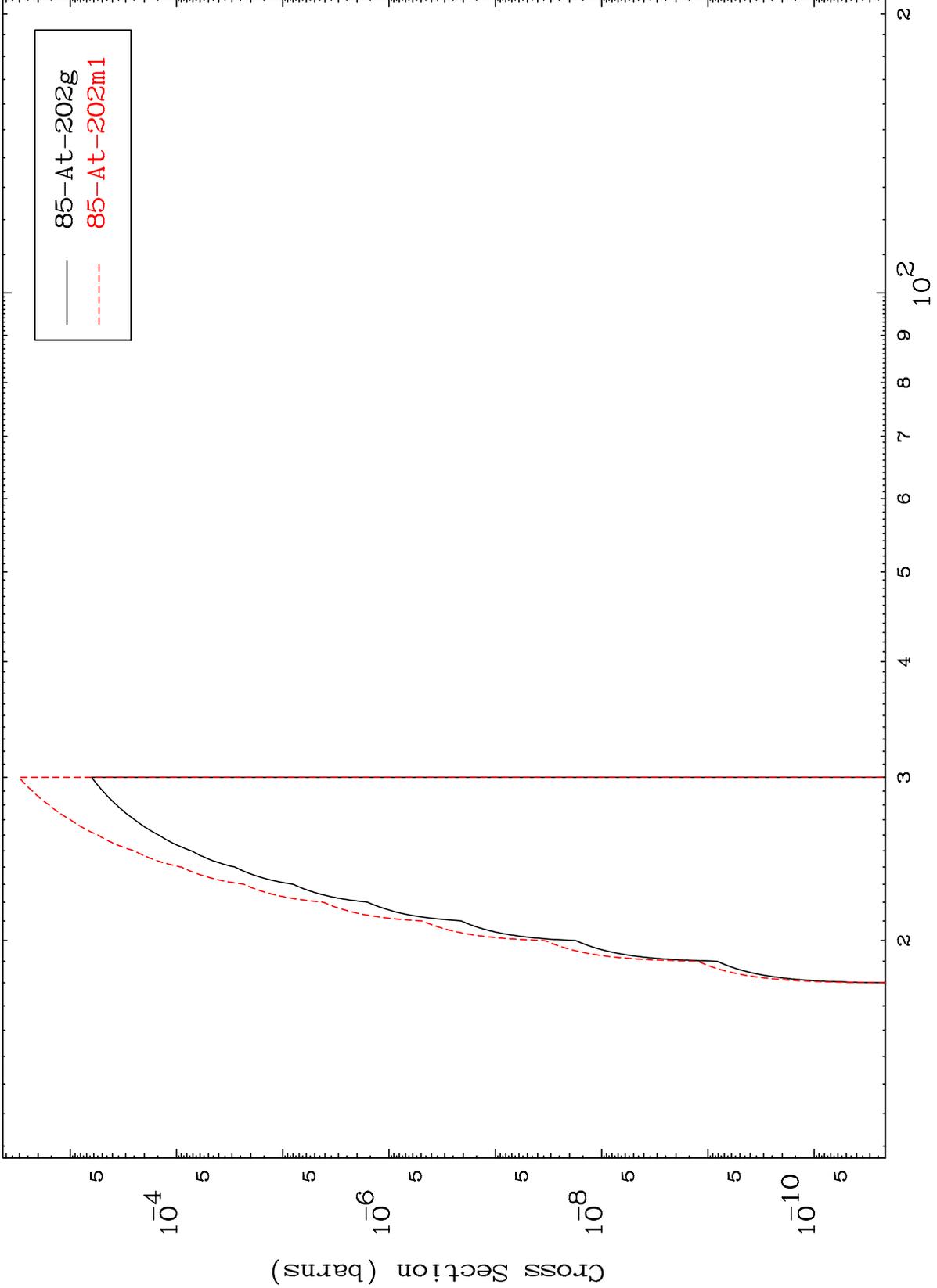
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MAT 8607

(n,n') t

86-Rn-205

Radionuclide Production Cross Section



56

Incident Energy (MeV)

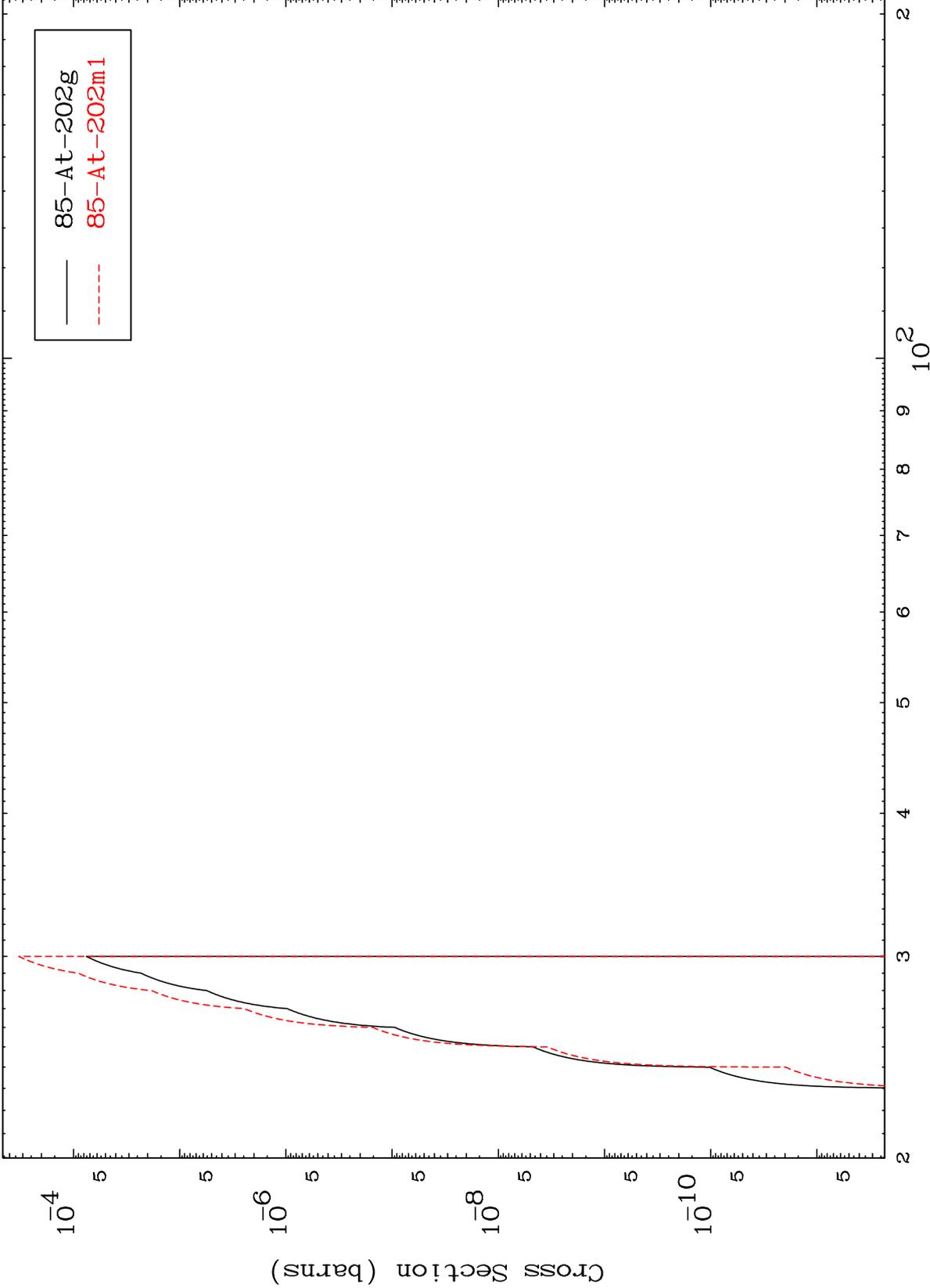
86-Rn-205

MAT 8607

(n,3n) p

86-Rn-205

Radionuclide Production Cross Section



57

Incident Energy (MeV)

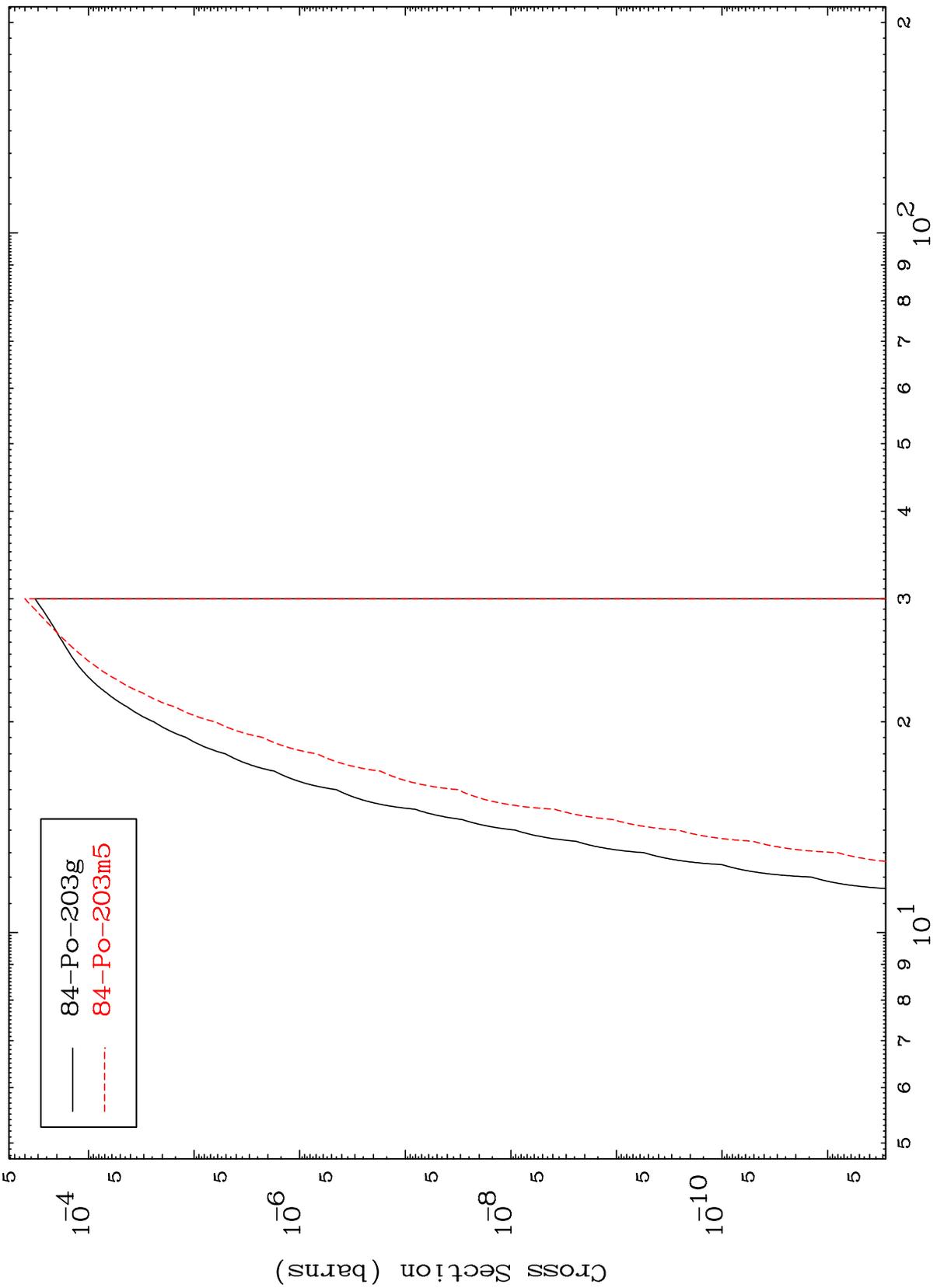
86-Rn-205

MAT 8607

(n,2n) p

86-Rn-205

Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

58

Incident Energy (MeV)

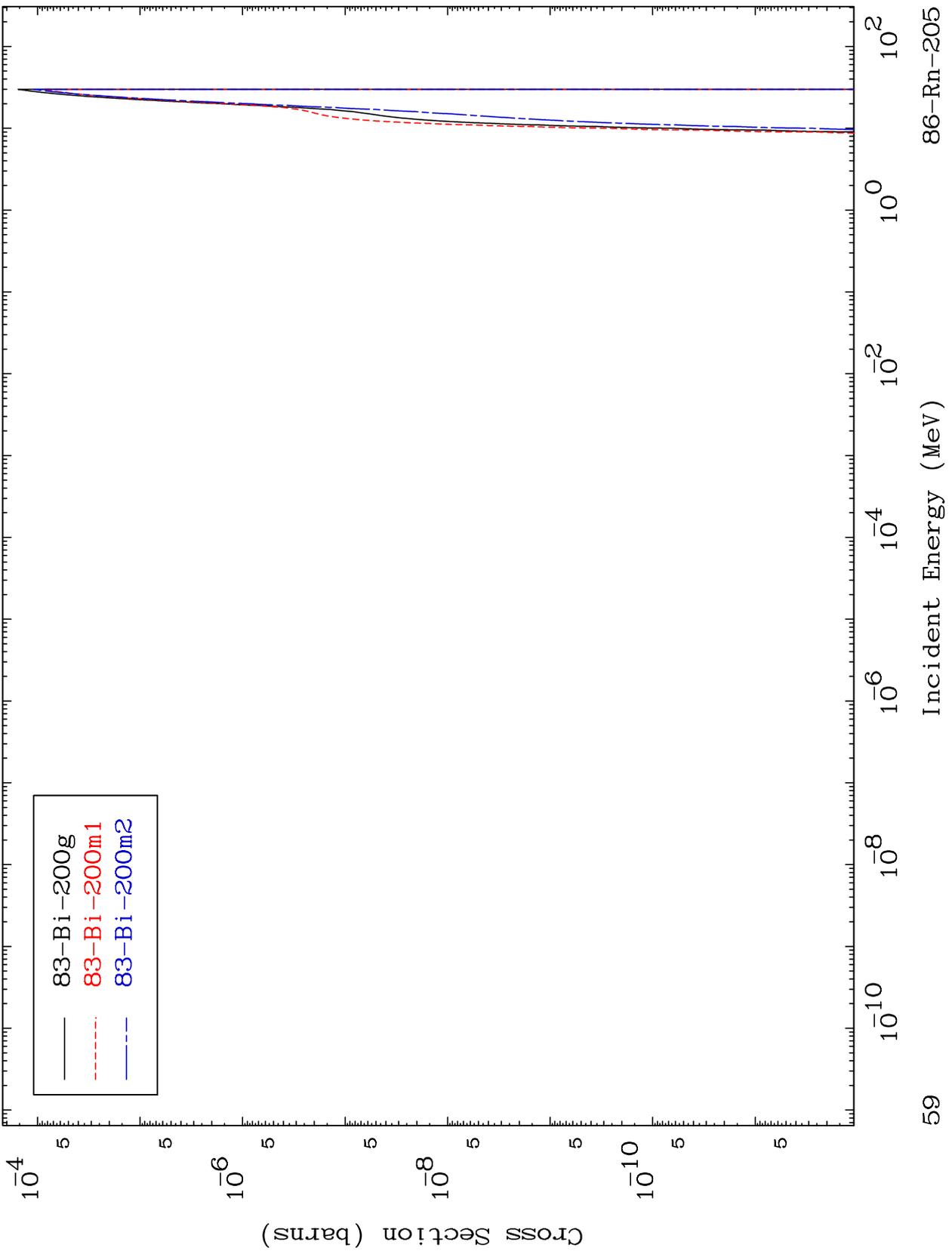
86-Rn-205

MAT 8607

(n,n') p α

86-Rn-205

Radionuclide Production Cross Section

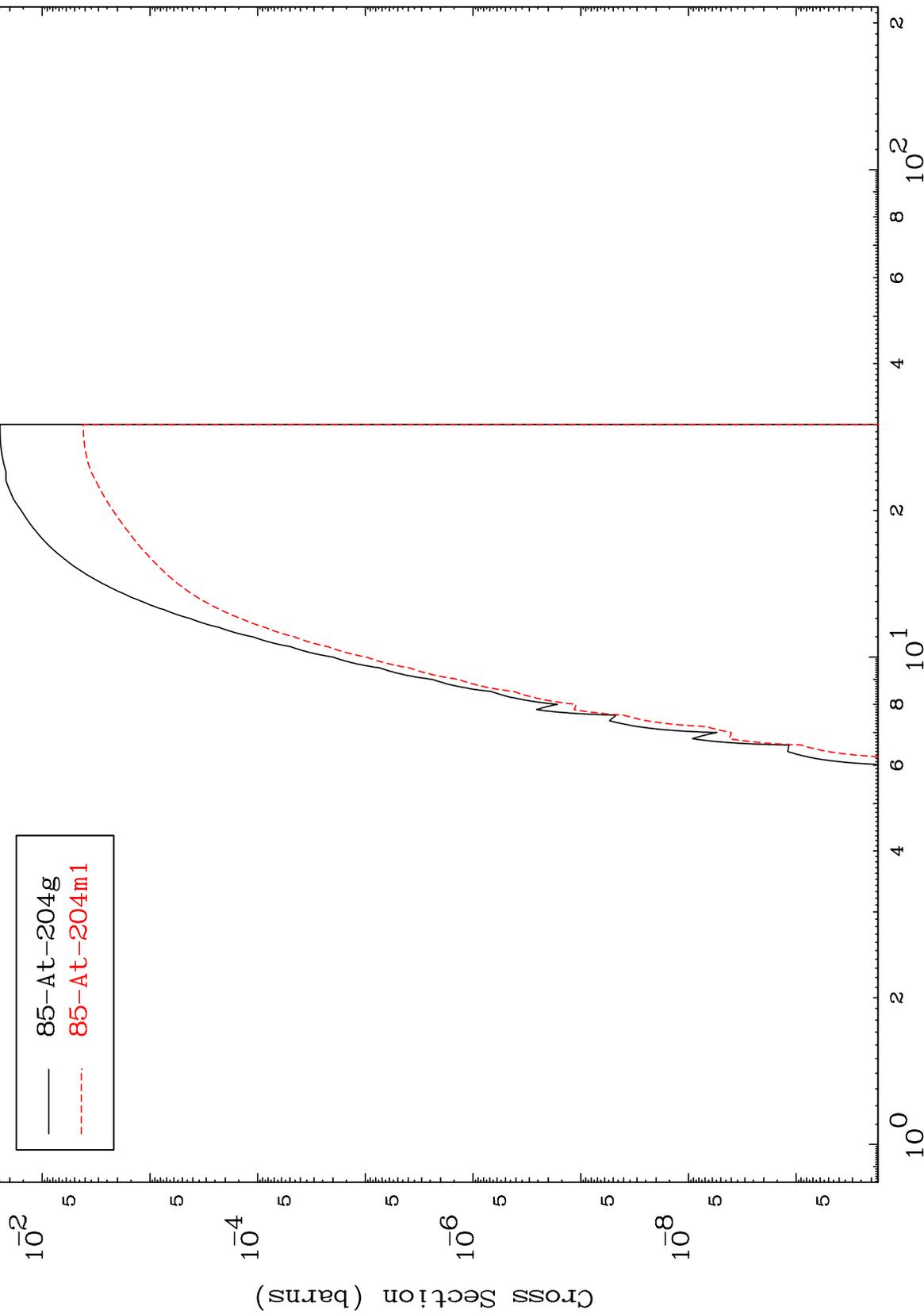
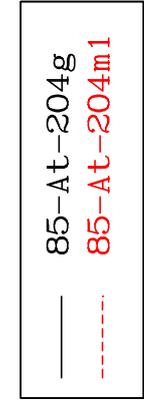


MAT 8607

(n,d)

86-Rn-205

Radionuclide Production Cross Section



Incident Energy (MeV)

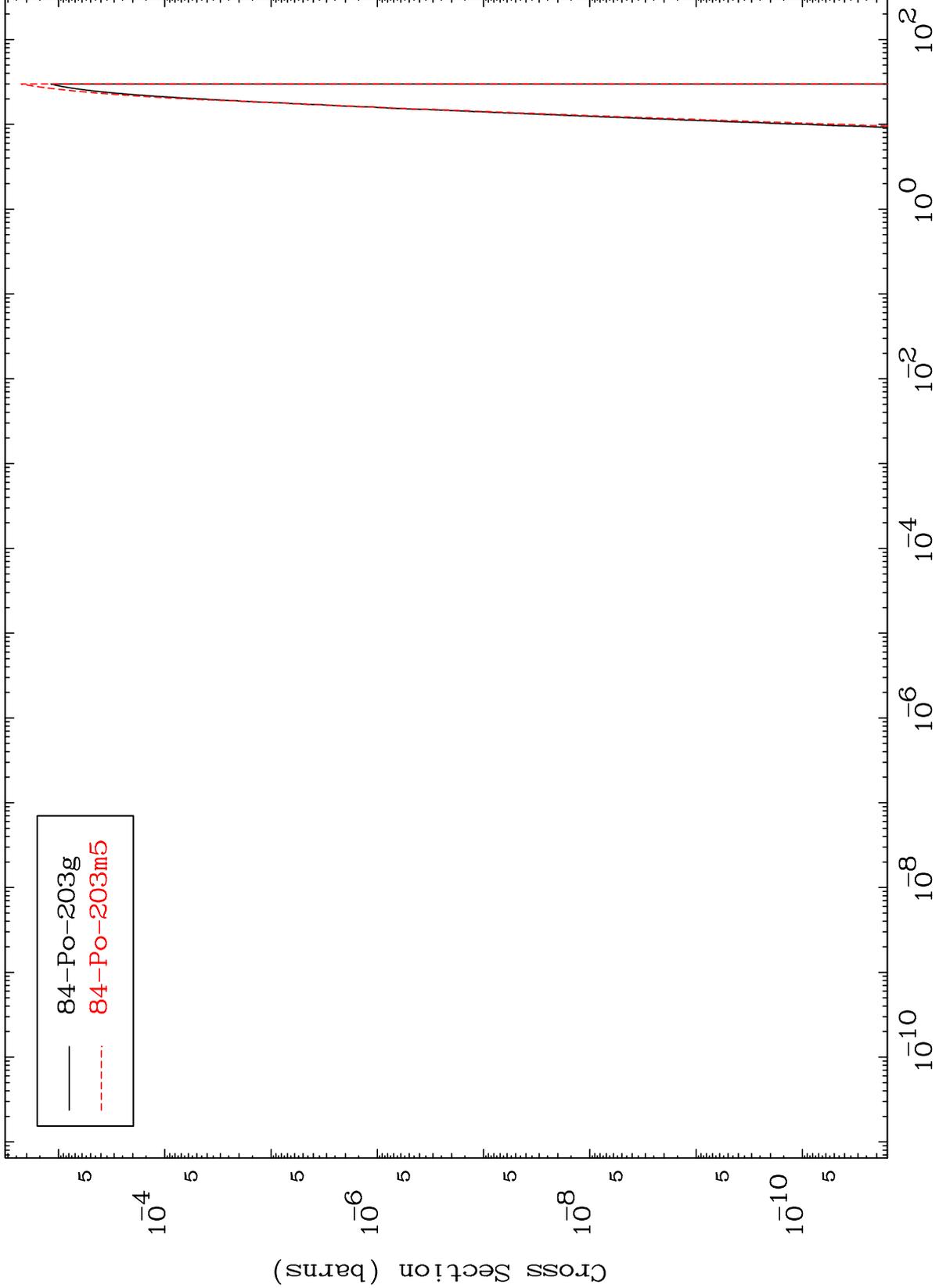
86-Rn-205

MAT 8607

(n,He-3)

86-Rn-205

Radionuclide Production Cross Section

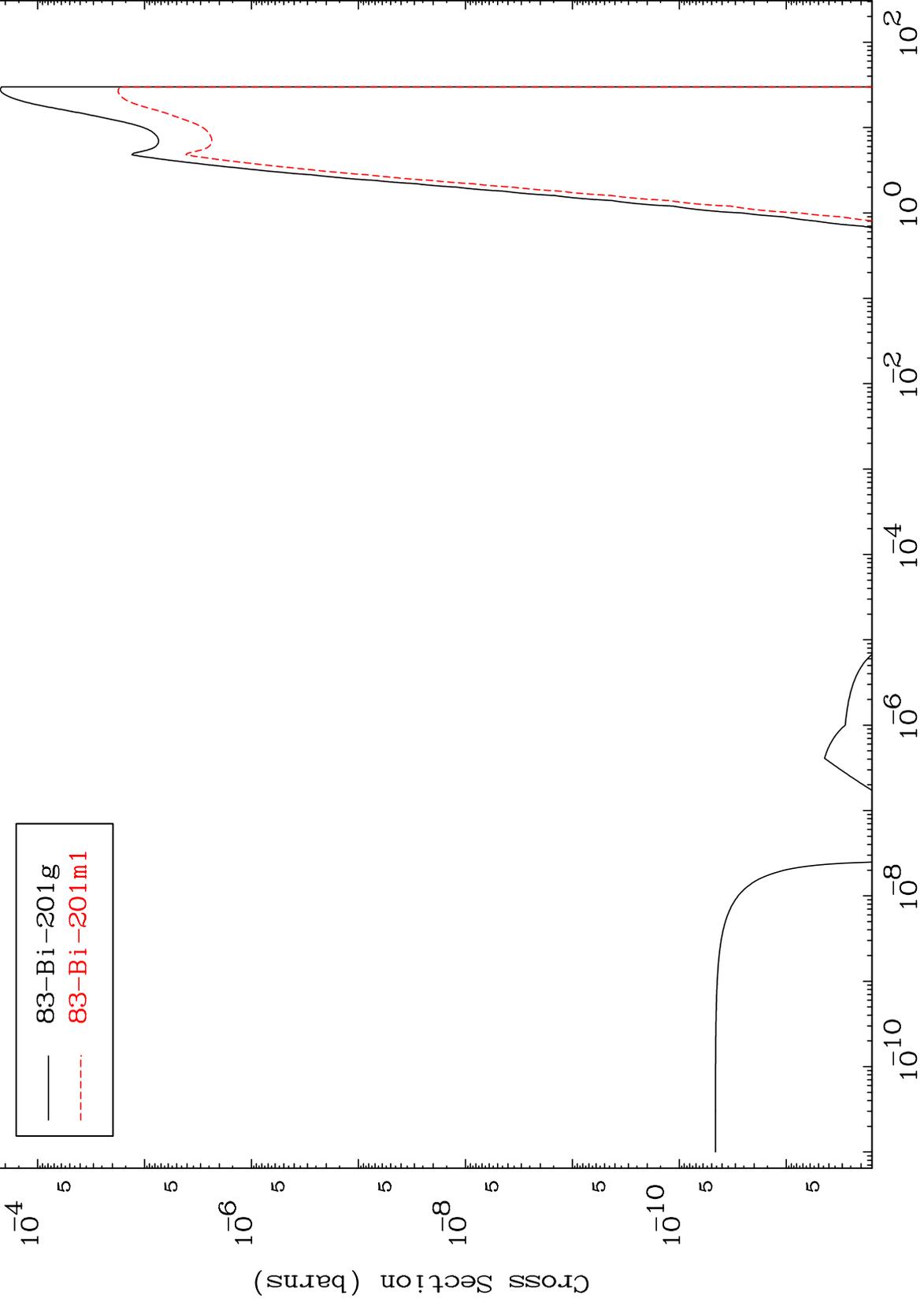


MAT 8607

(n,p) α

86-Rn-205

Radionuclide Production Cross Section



62

Incident Energy (MeV)

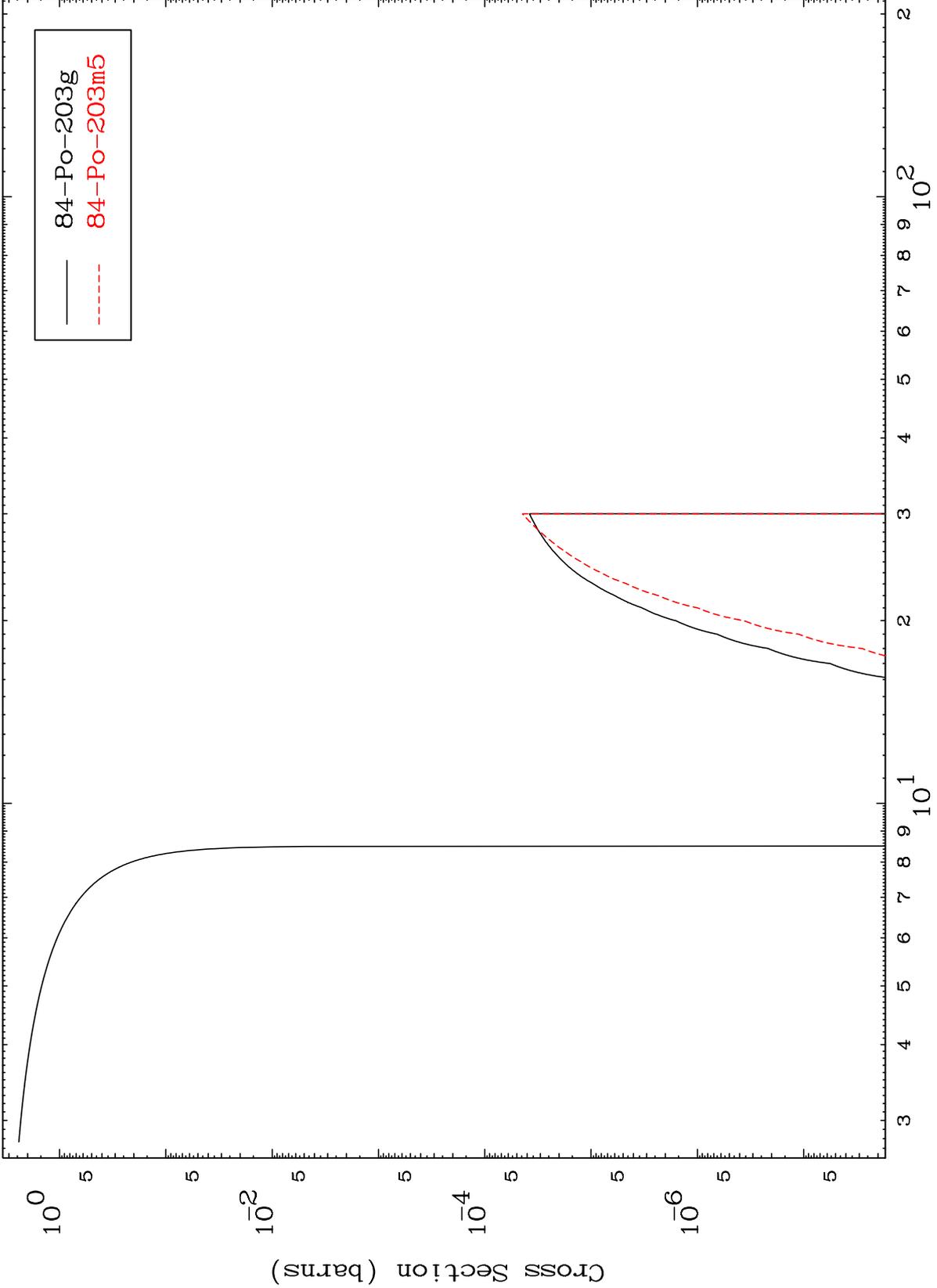
86-Rn-205

MAT 8607

(n,p) d

86-Rn-205

Radionuclide Production Cross Section



Incident Energy (MeV)

86-Rn-205

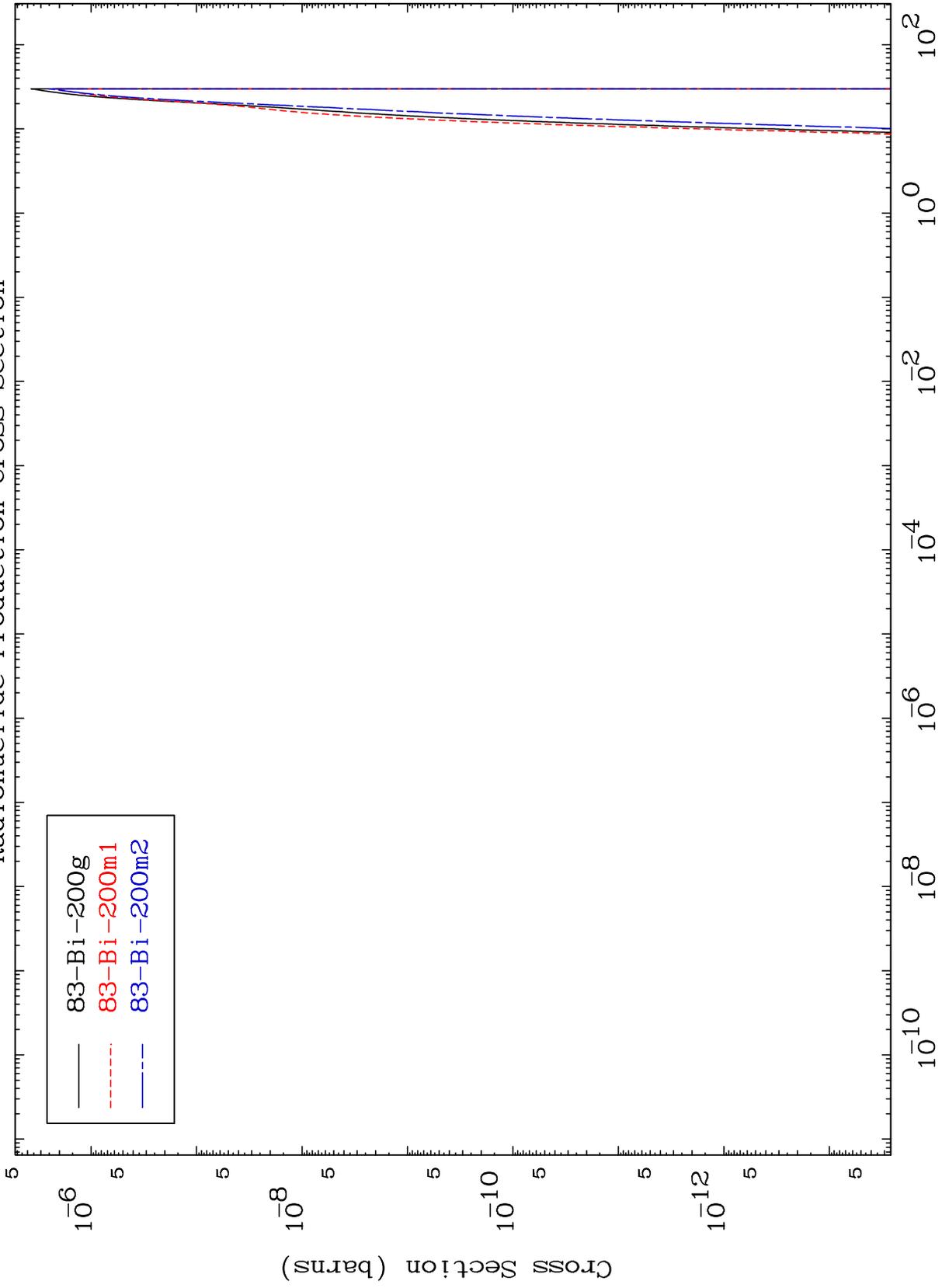
63

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86-Rn-205

Radionuclide Production Cross Section



64

Incident Energy (MeV)

86-Rn-205