

Program EVALPLOT
(Version 2021-1)

by

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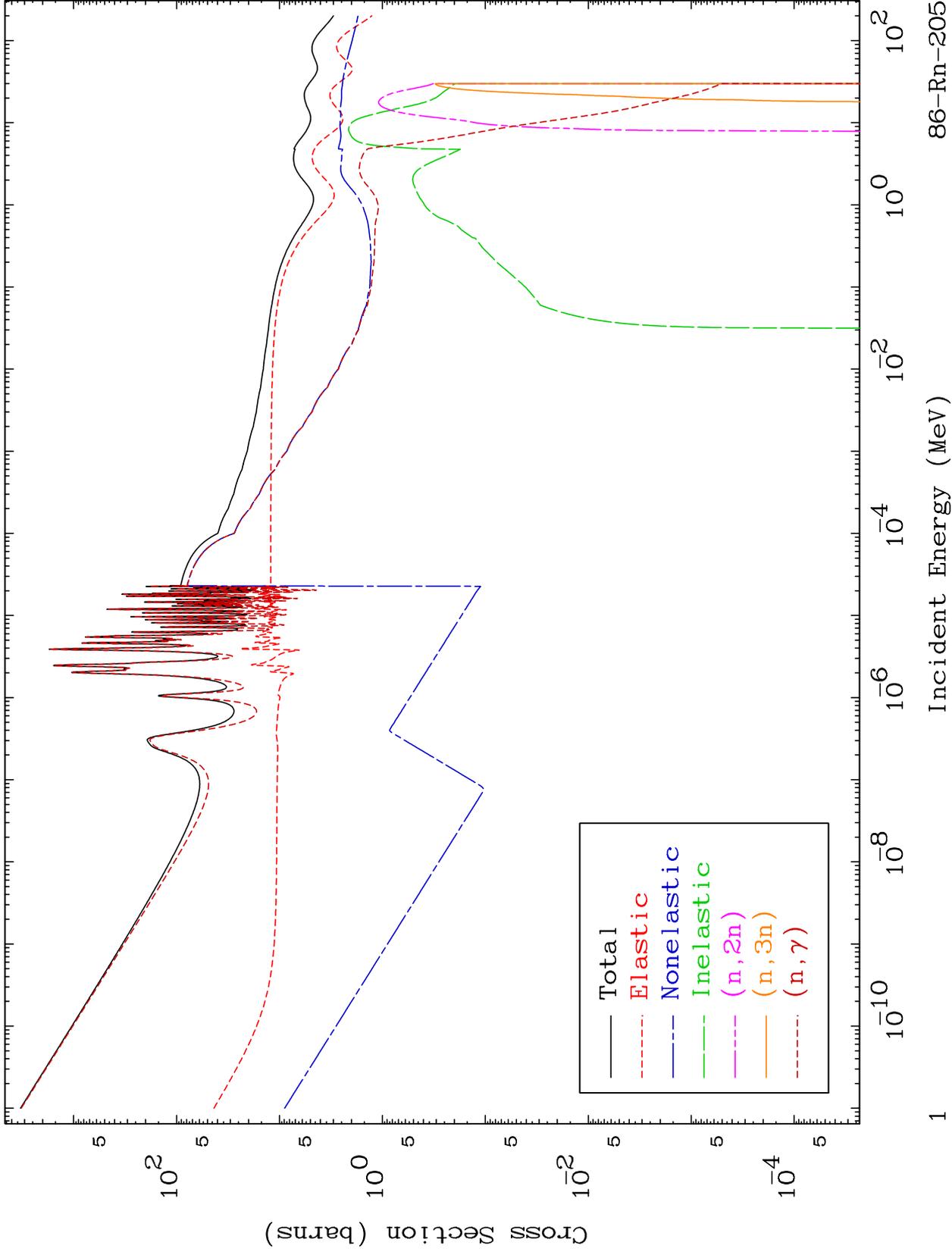
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Press Mouse Button to Start

MAT 8607

Neutron Major
293 Kelvin Cross Sections

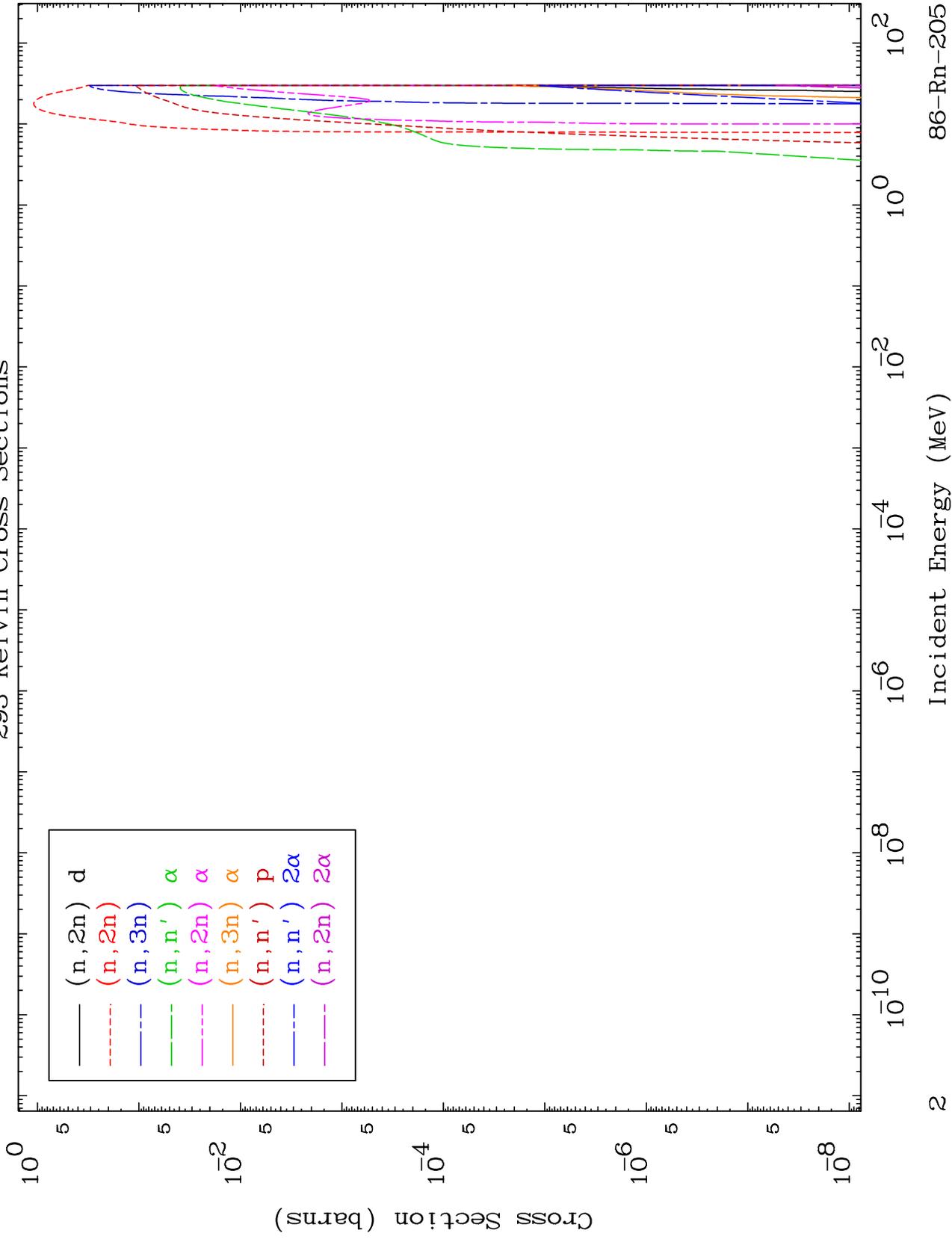
86-Rn-205



MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

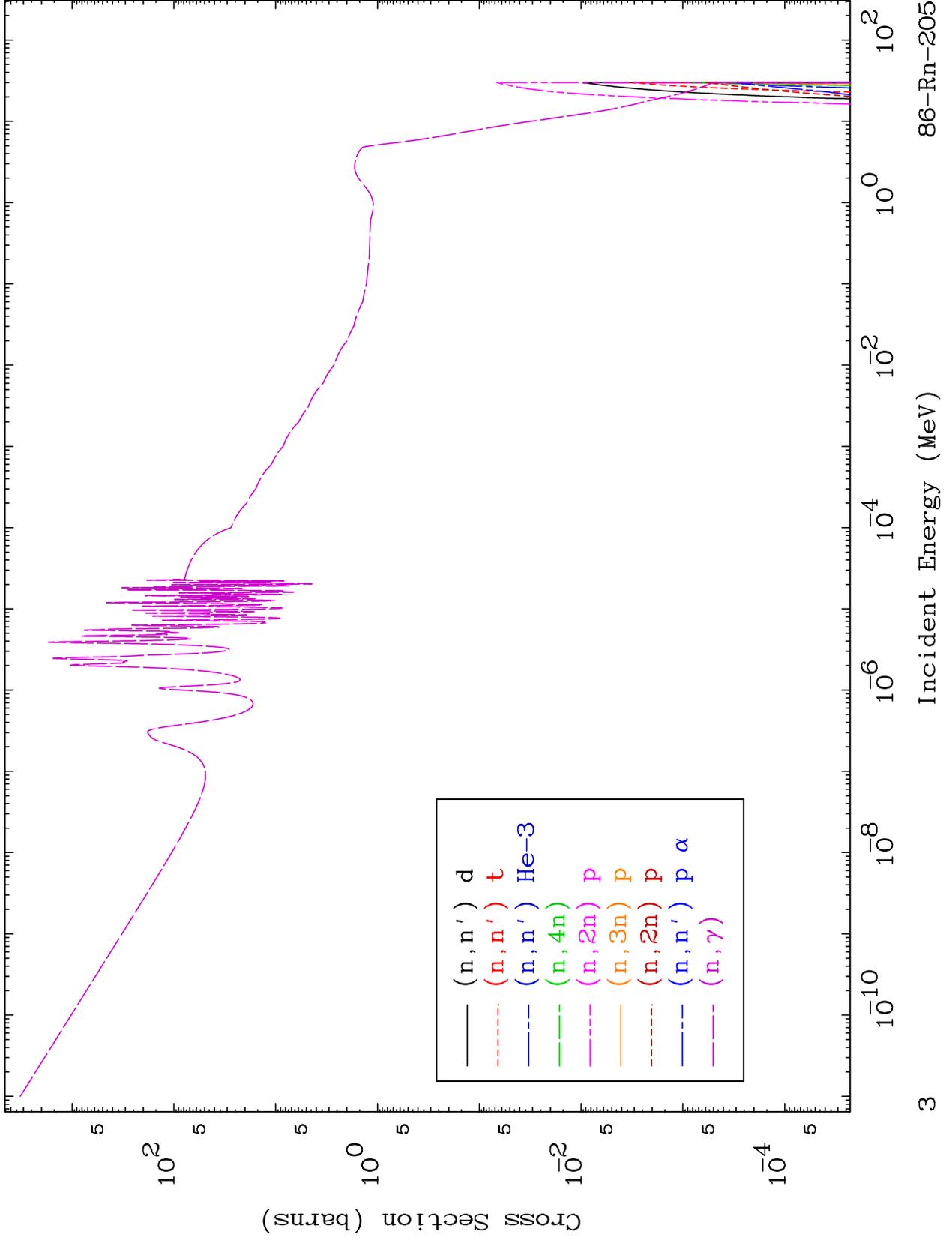
86-Rn-205



MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

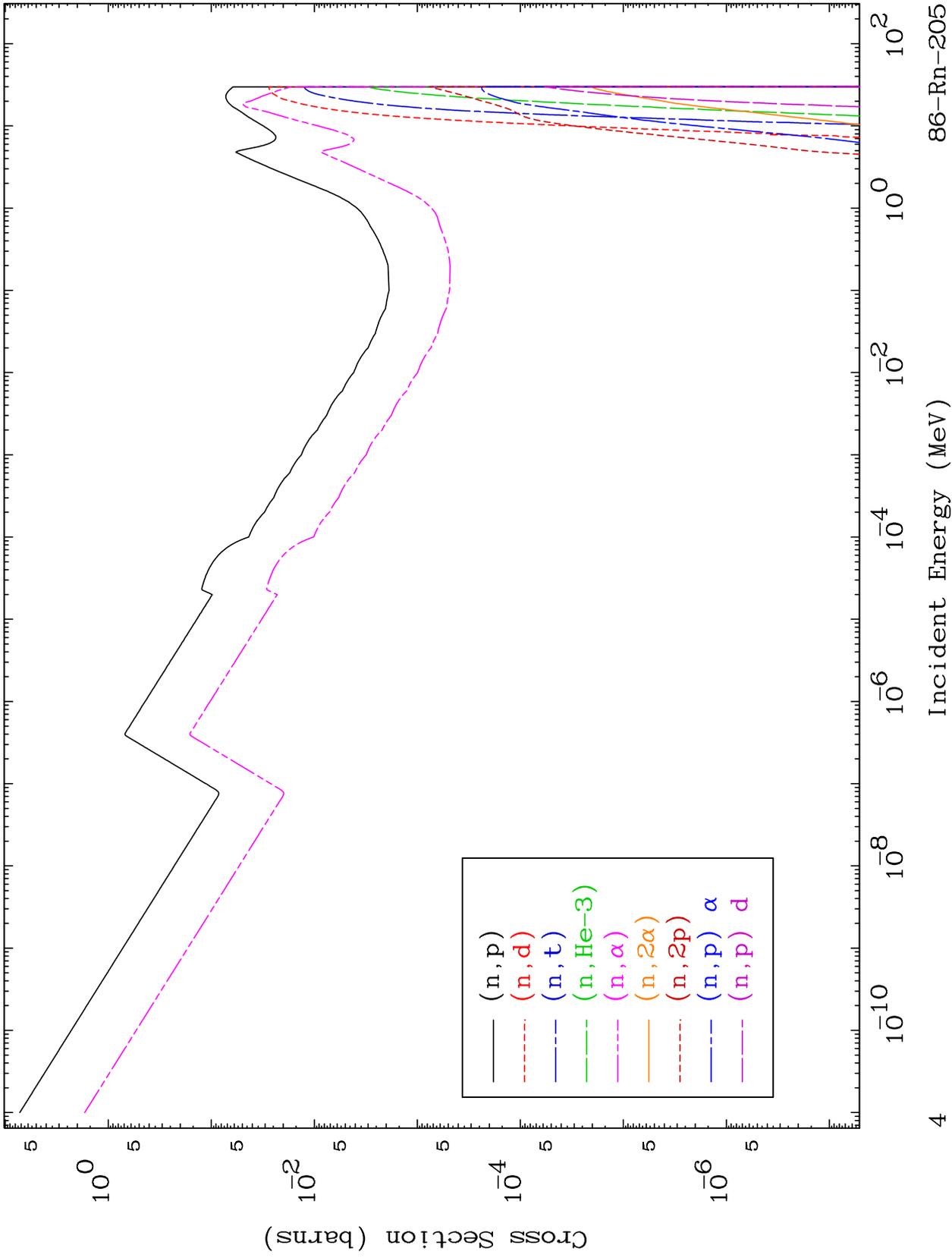
86-Rn-205



MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

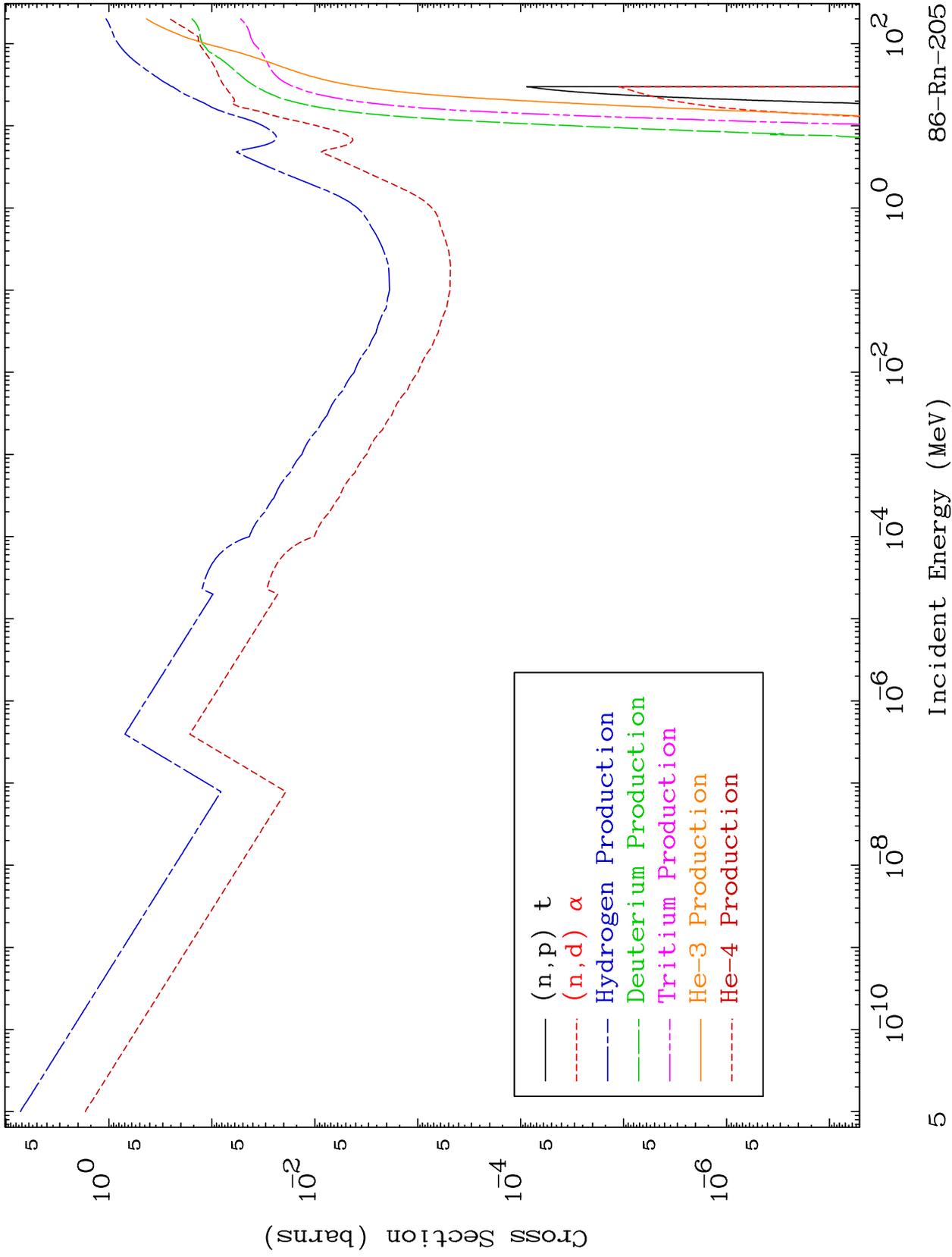
86-Rn-205



MAT 8607

Neutron Absorption
293 Kelvin Cross Sections

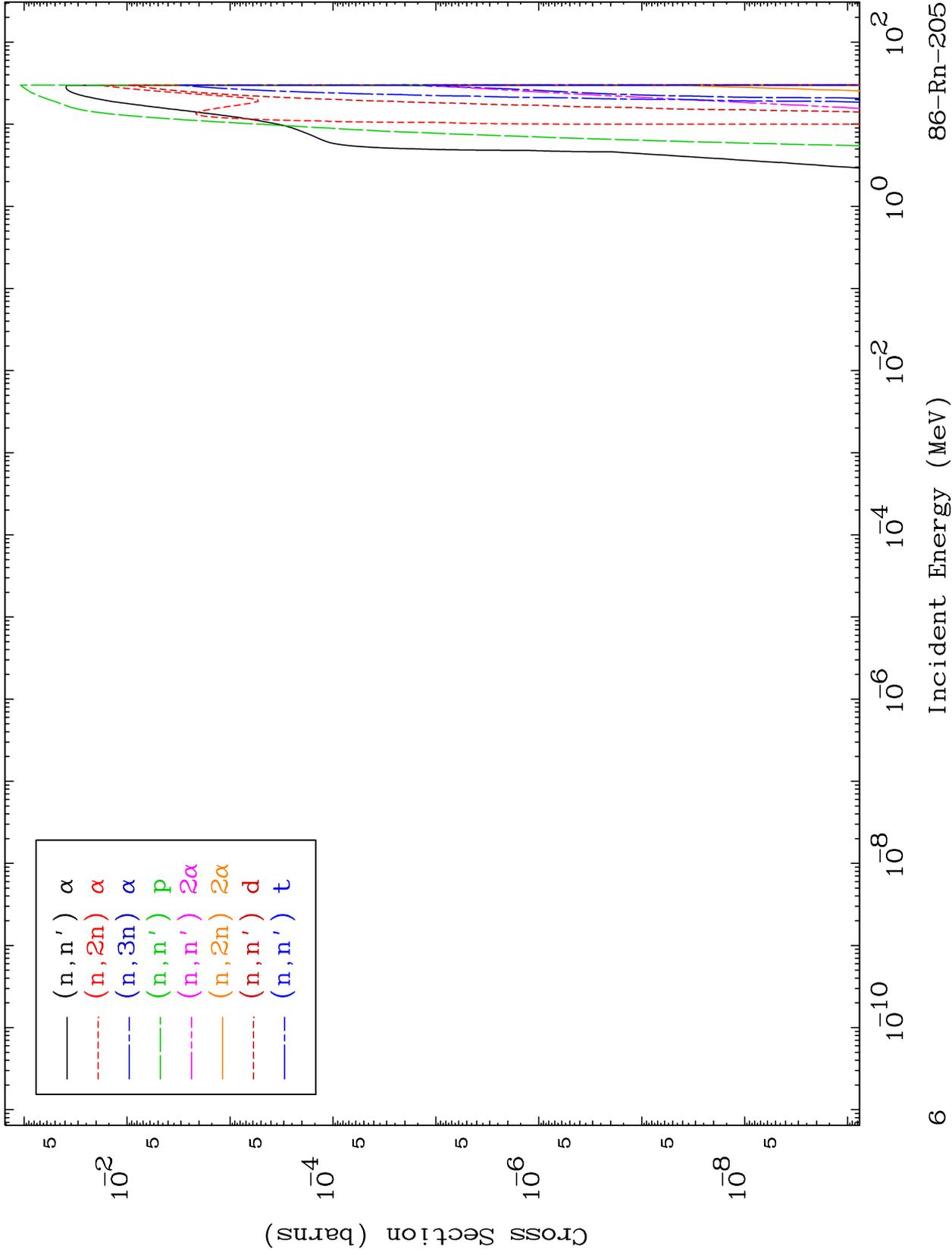
86-Rn-205



MAT 8607

Charged Particle
293 Kelvin Cross Sections

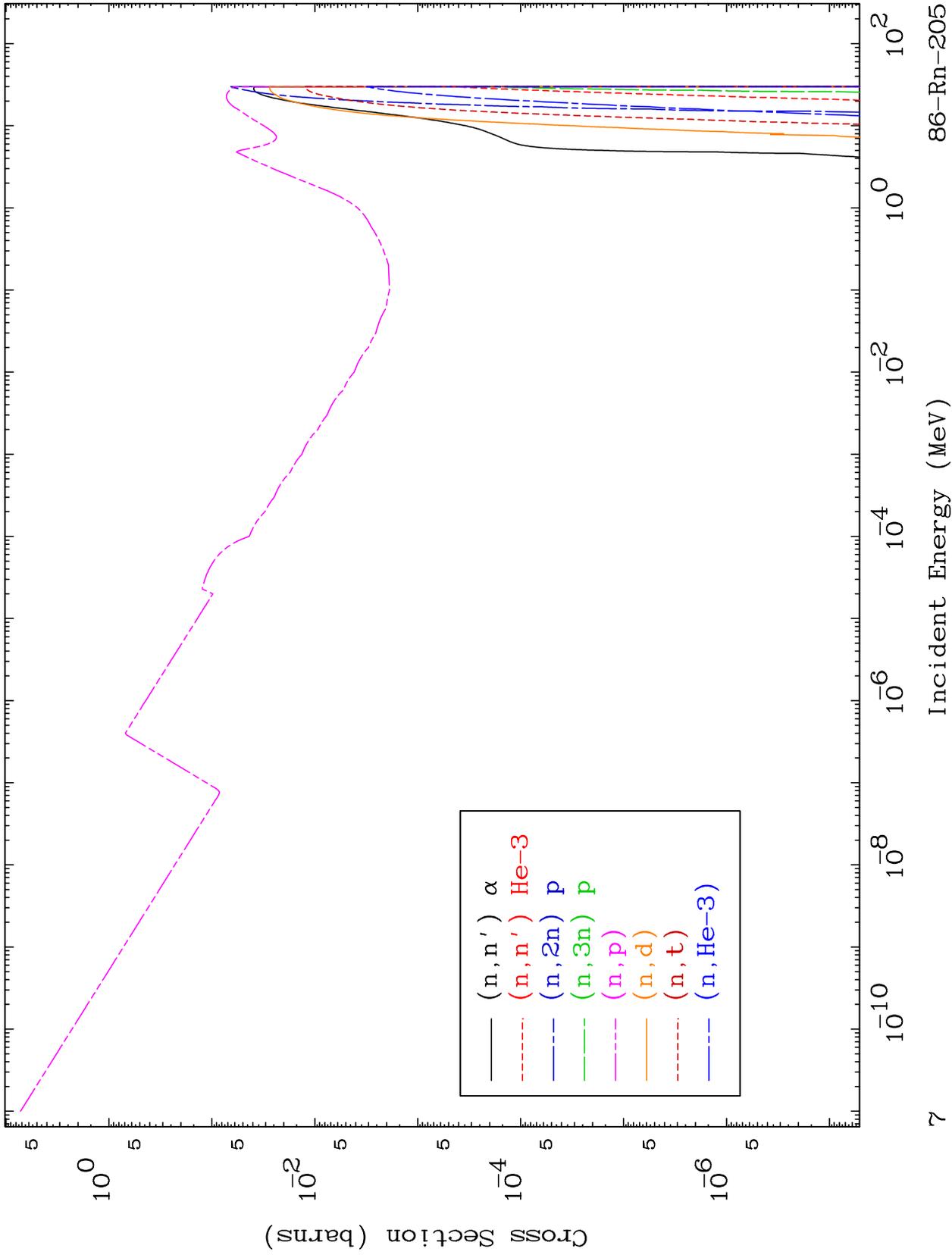
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MAT 8607

Charged Particle
293 Kelvin Cross Sections

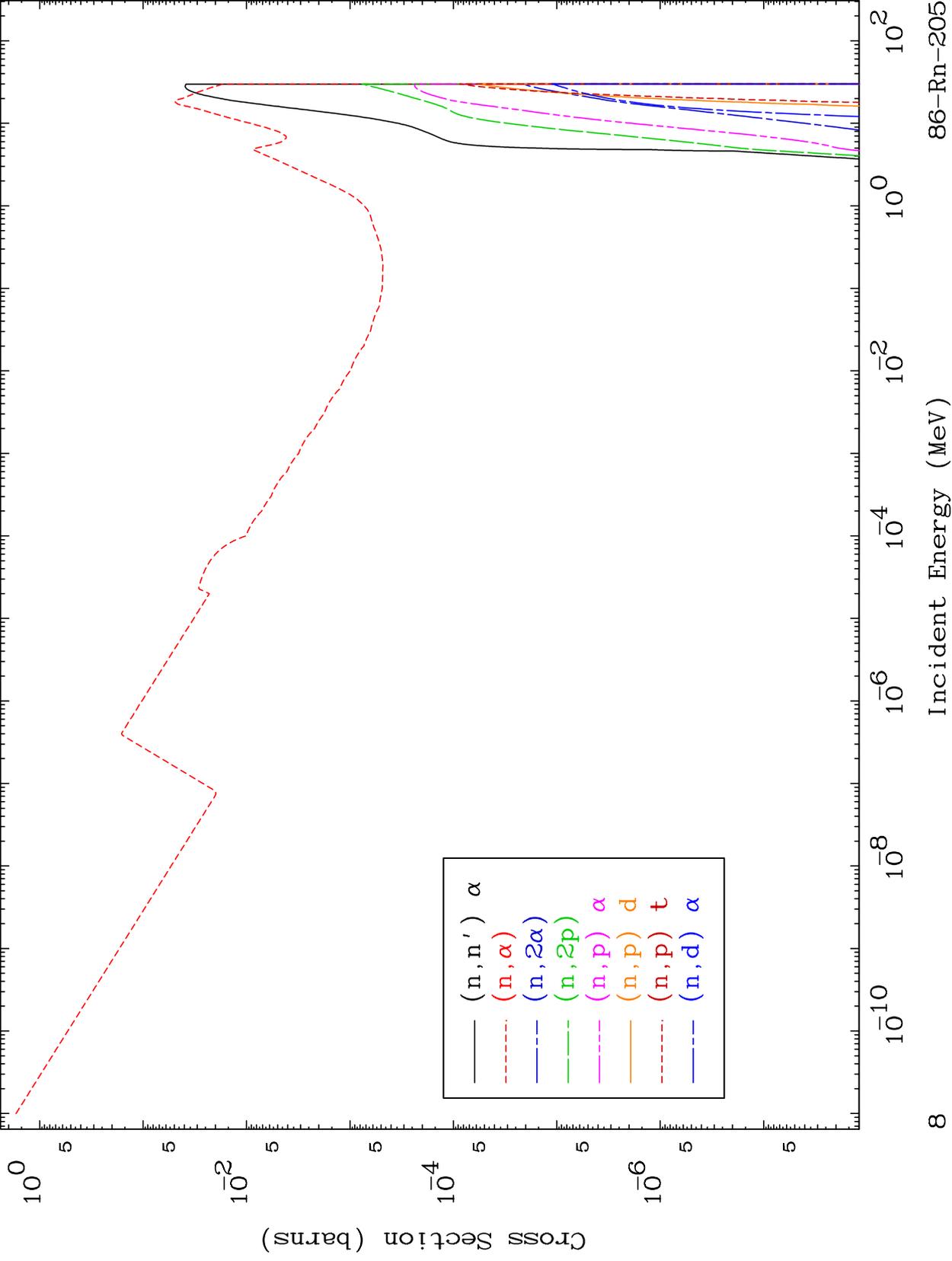
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MAT 8607

Charged Particle
293 Kelvin Cross Sections

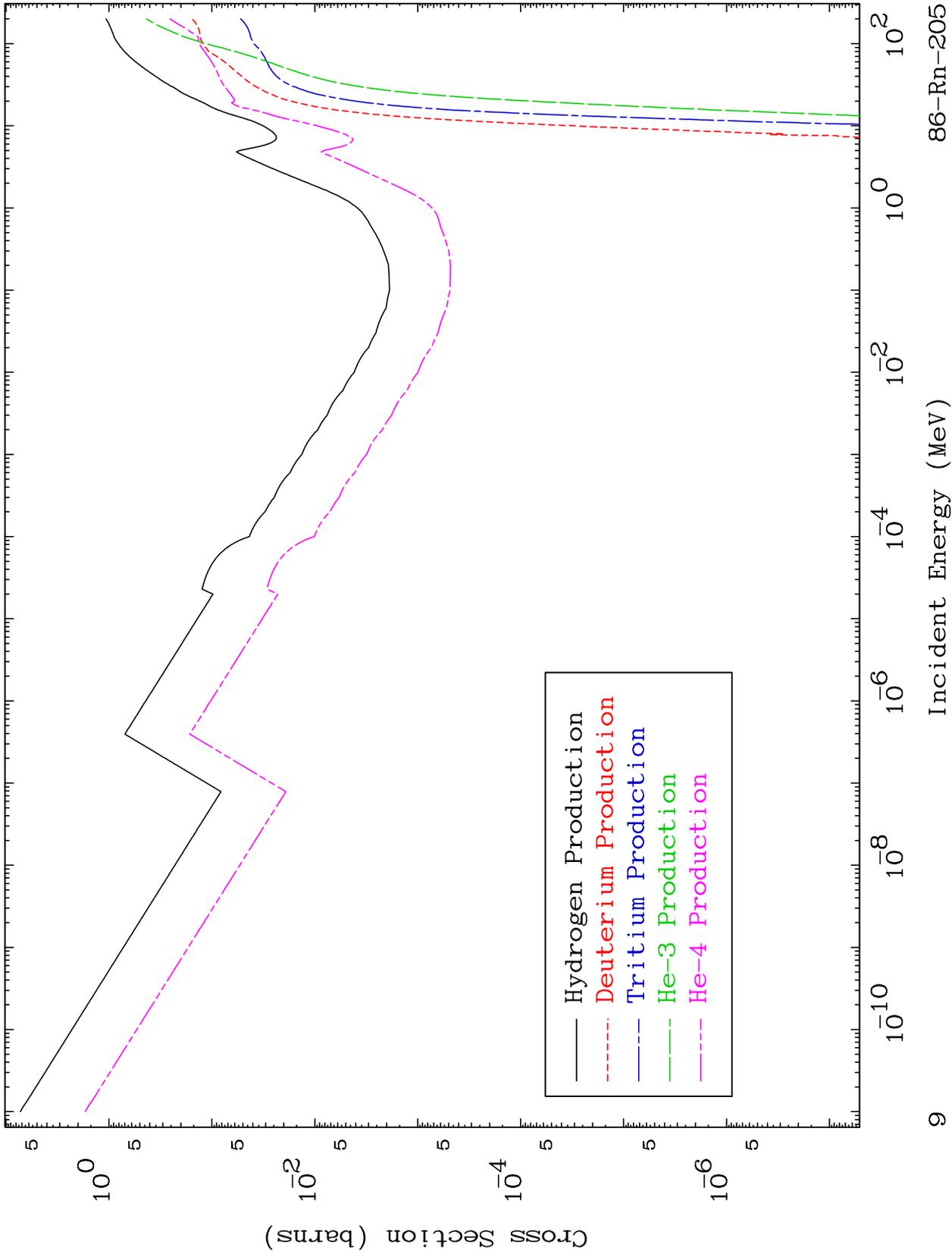
86-Rn-205



MAT 8607

Particle Production
293 Kelvin Cross Sections

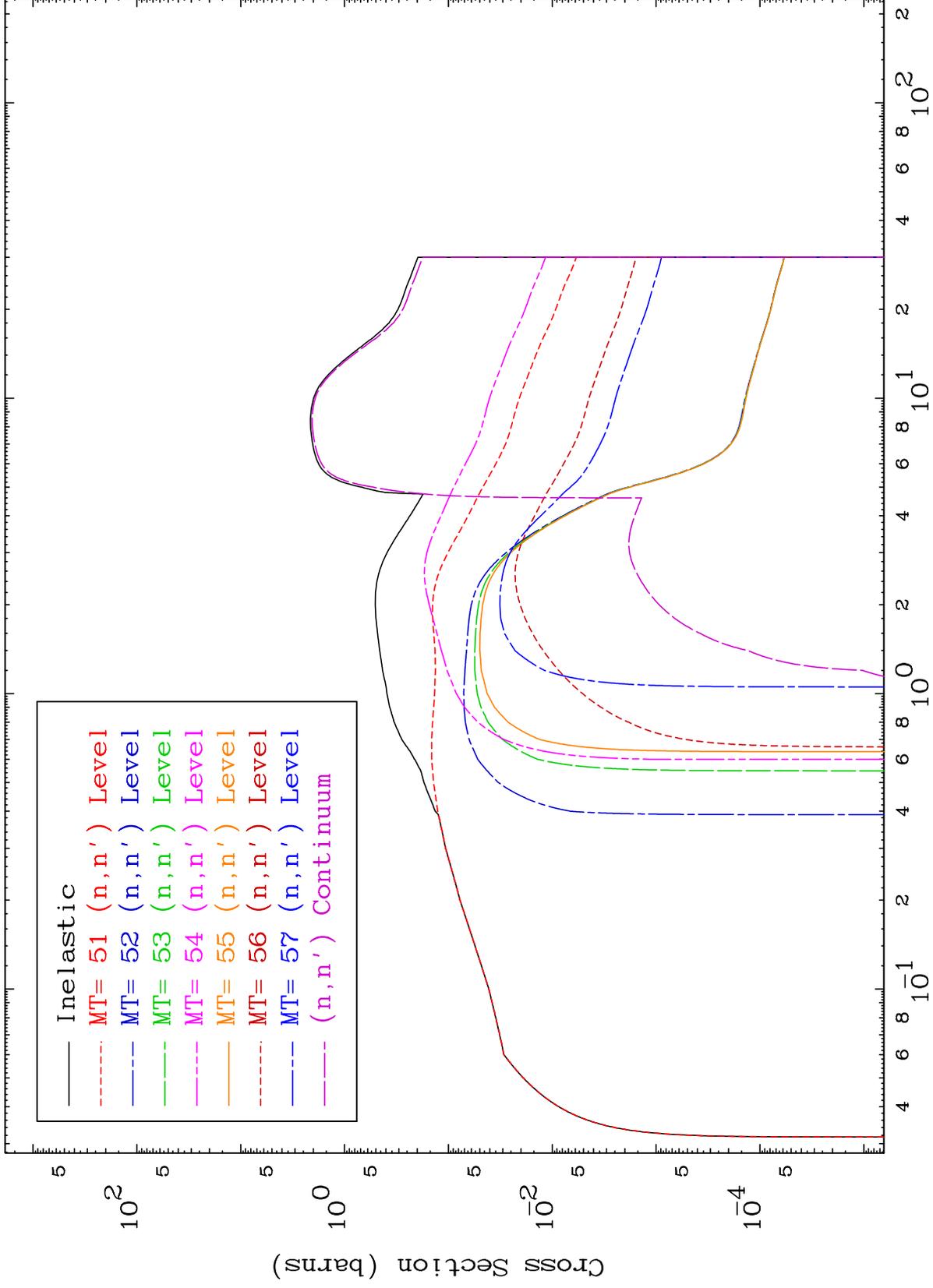
86-Rn-205



MAT 8607

(n,n') Levels
293 Kelvin Cross Sections

86-Rn-205



10

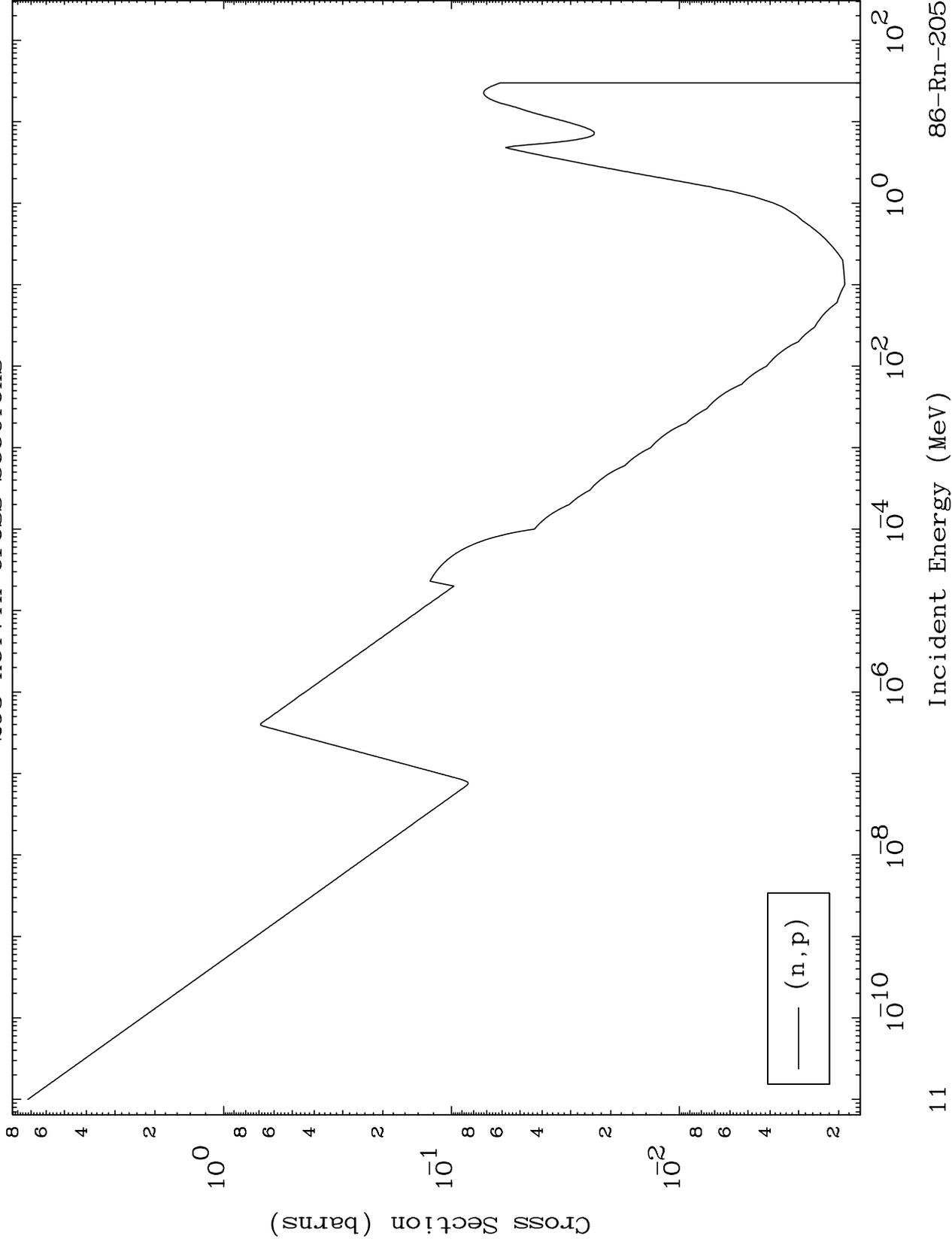
Incident Energy (MeV)

86-Rn-205

MAT 8607

(n,p) Levels
293 Kelvin Cross Sections

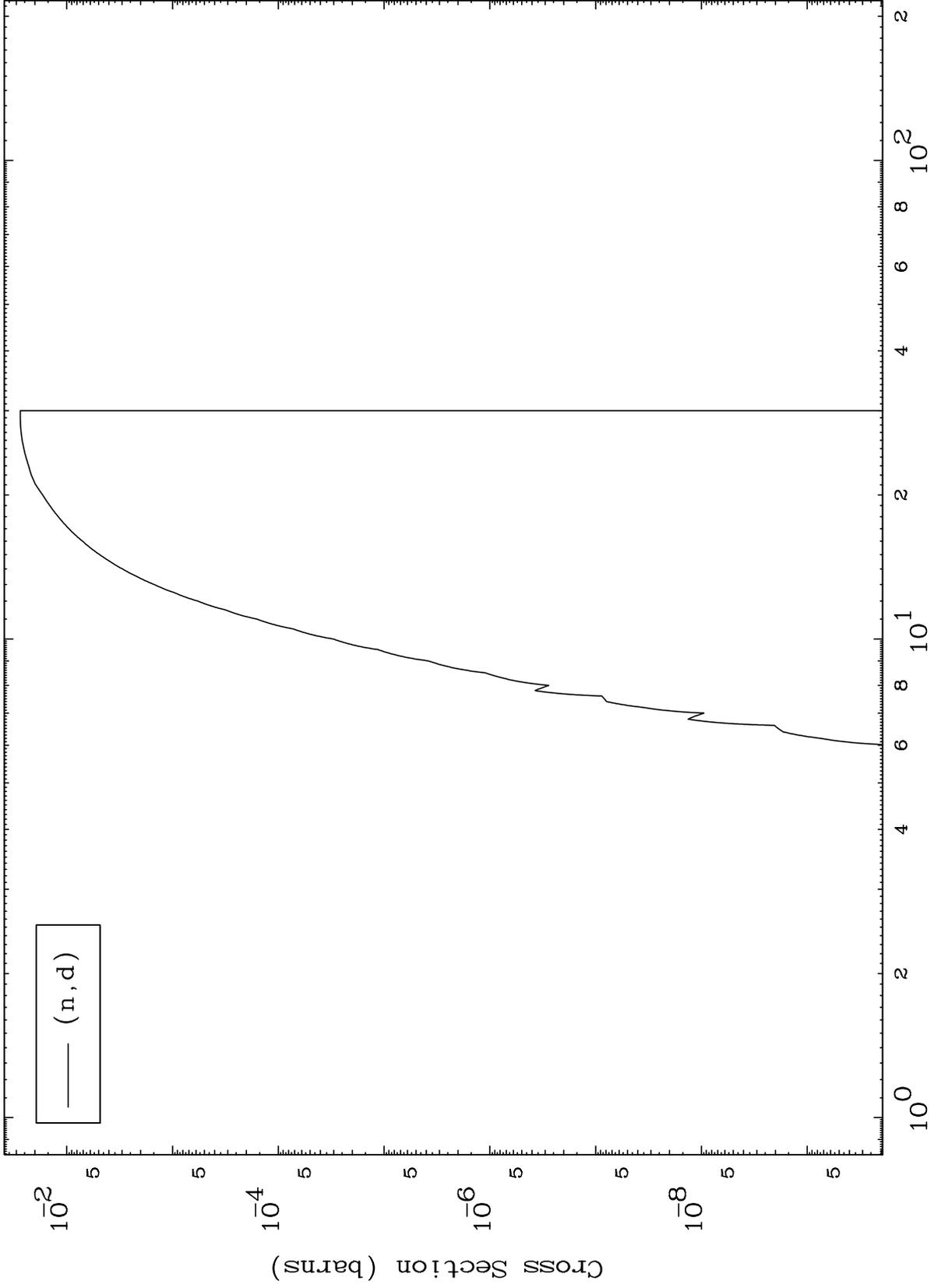
86-Rn-205



MAT 8607

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-205



12

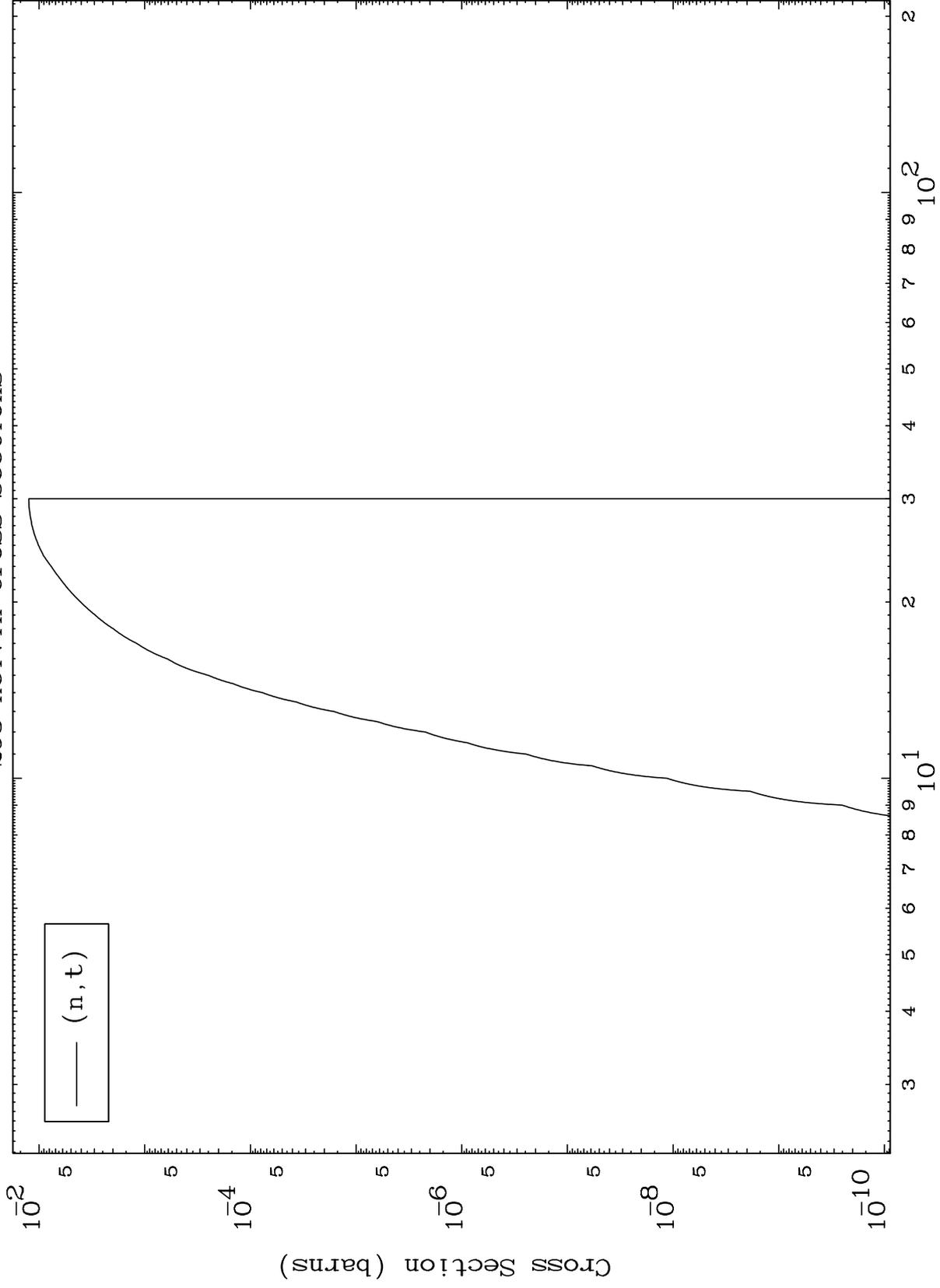
Incident Energy (MeV)

86-Rn-205

MAT 8607

(n,t) Levels
293 Kelvin Cross Sections

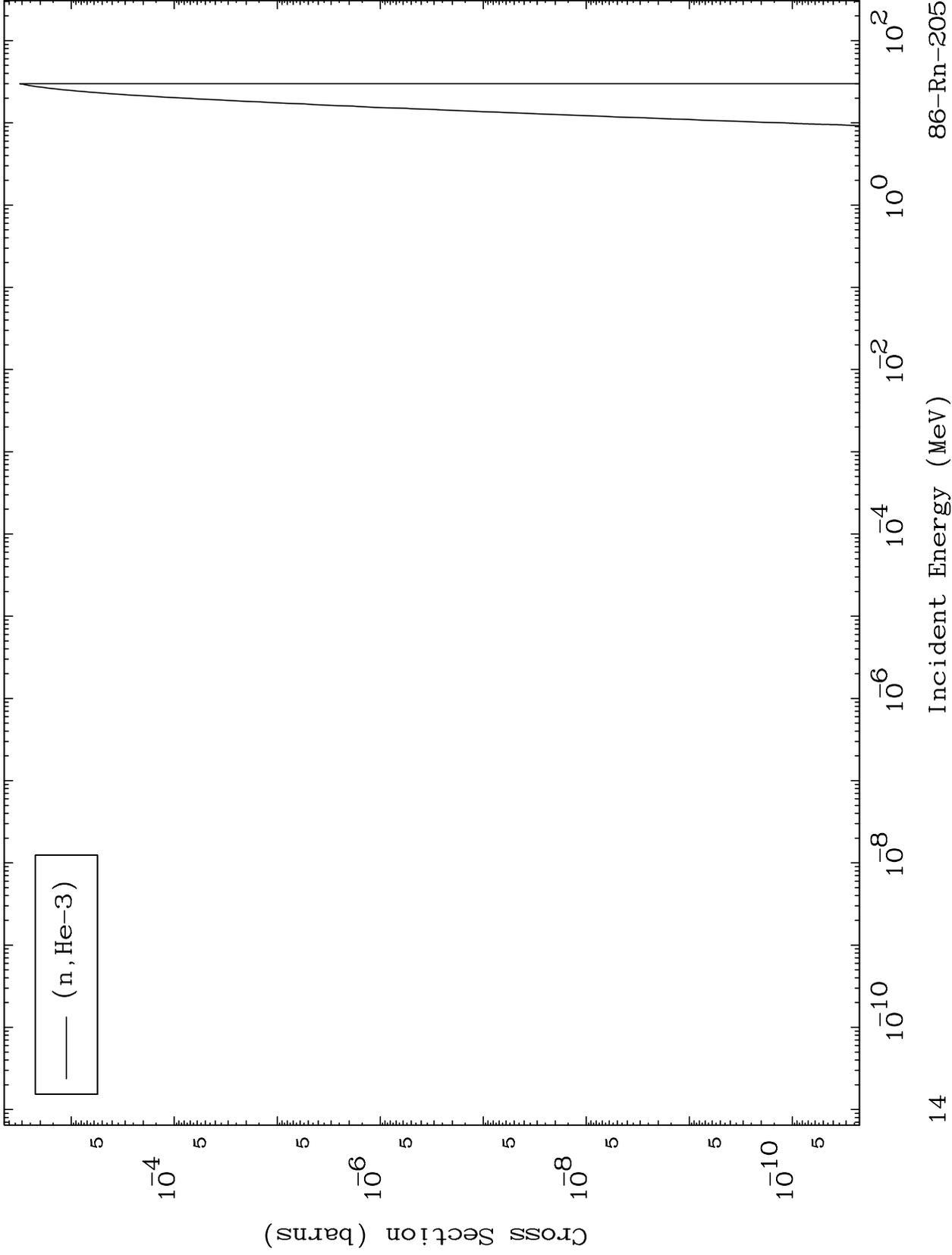
86-Rn-205



MAT 8607

(n,He3) Levels
293 Kelvin Cross Sections

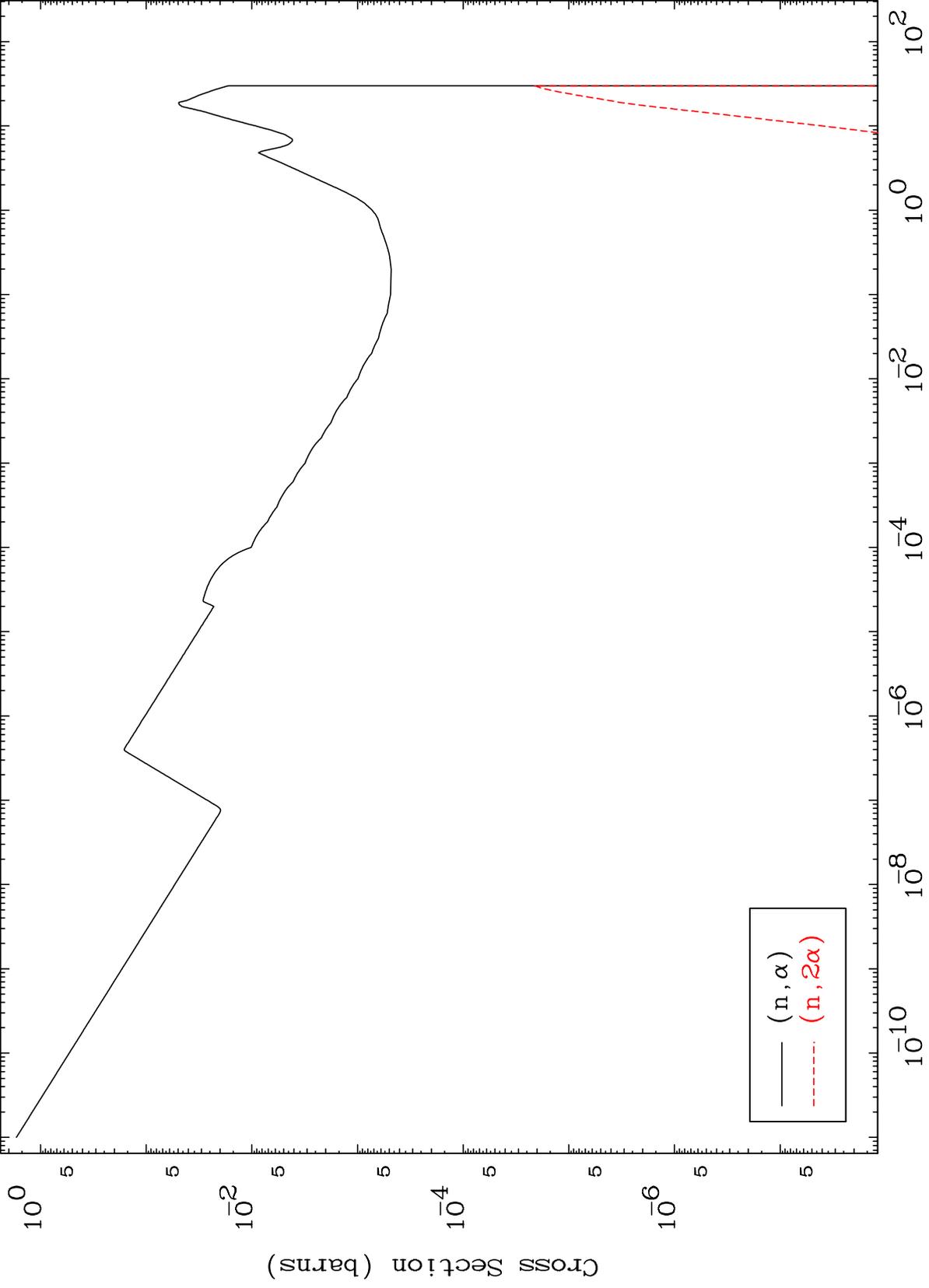
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MAT 8607

(n, α) Levels
293 Kelvin Cross Sections

86-Rn-205



15

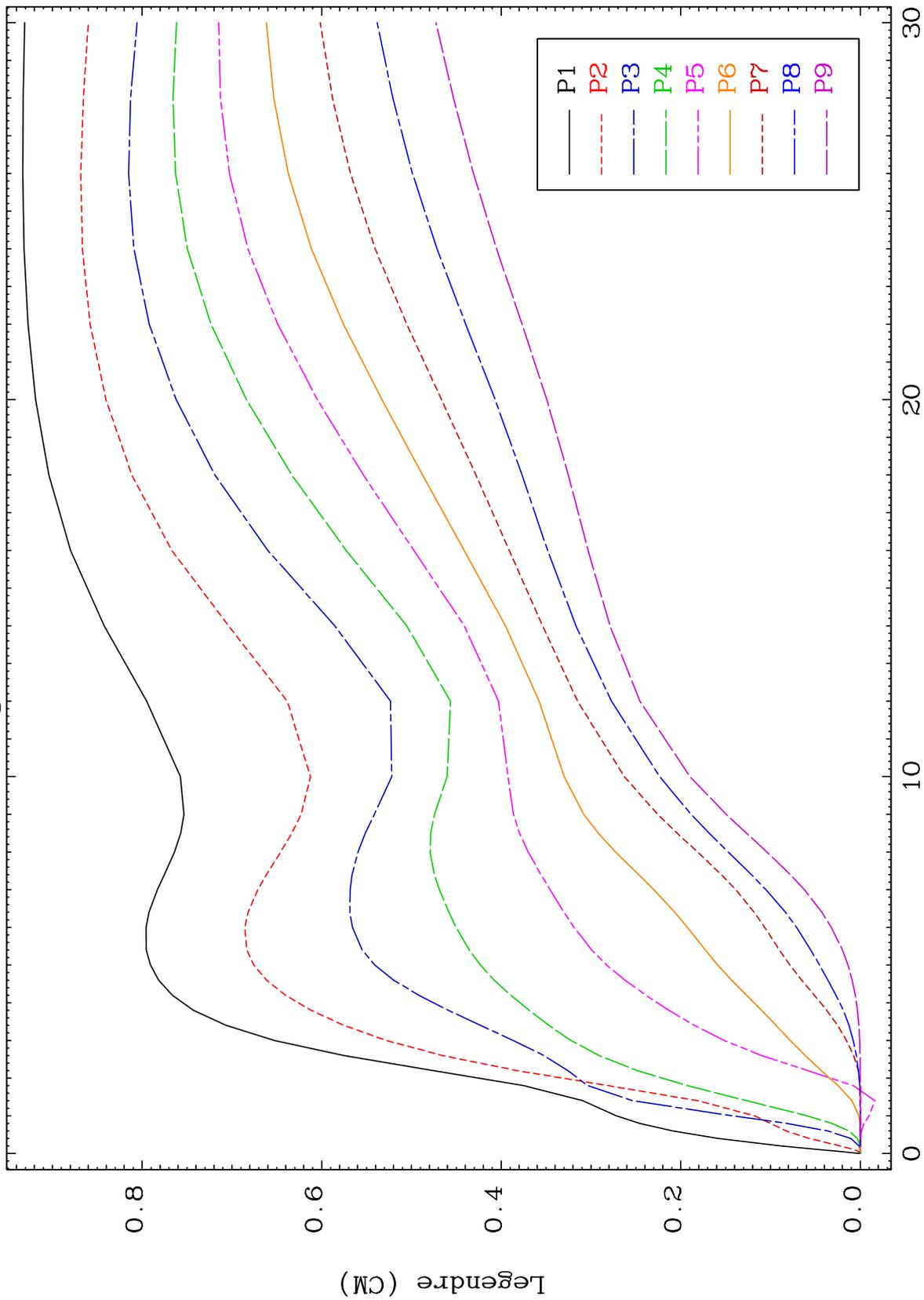
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86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



16

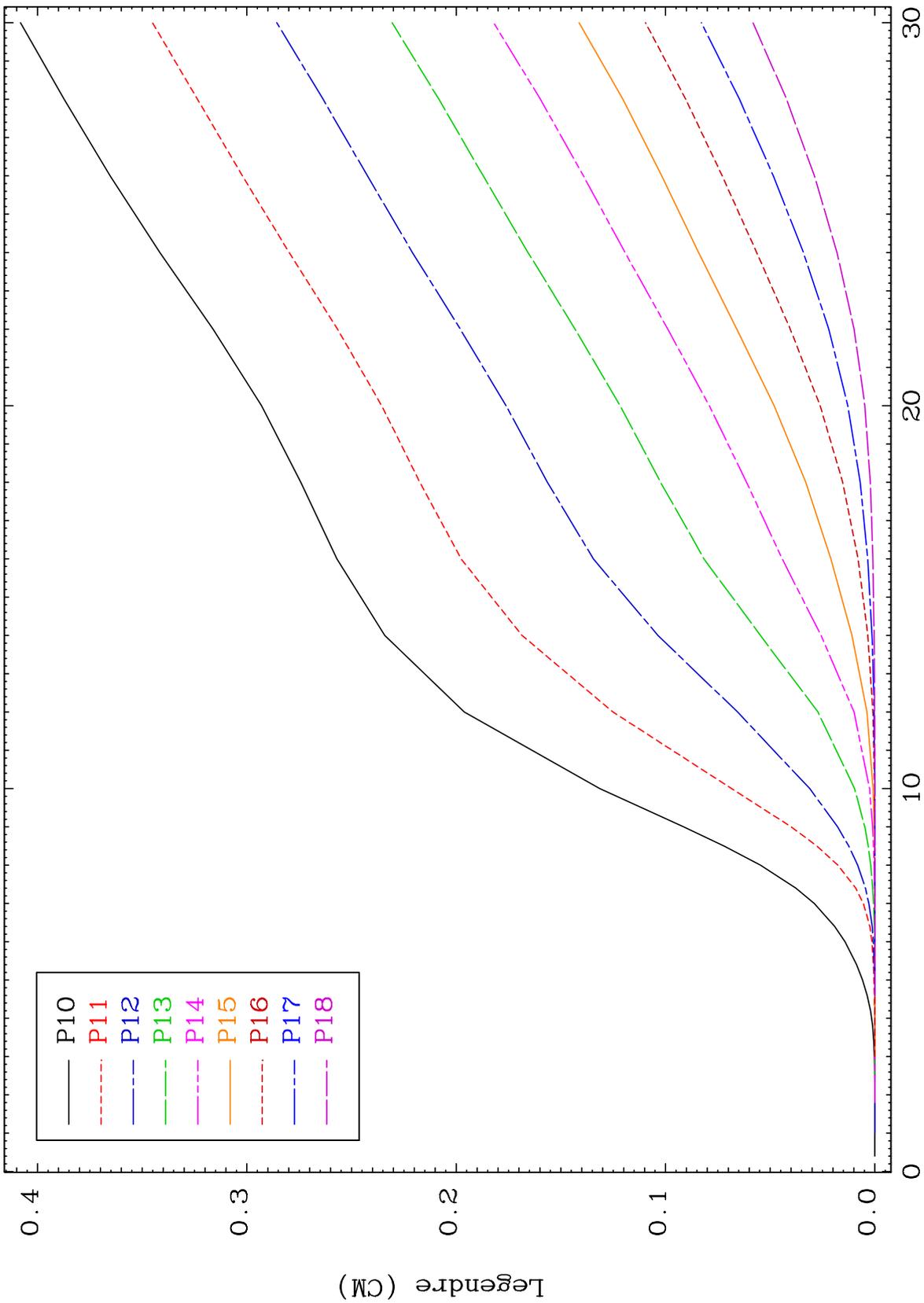
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



17

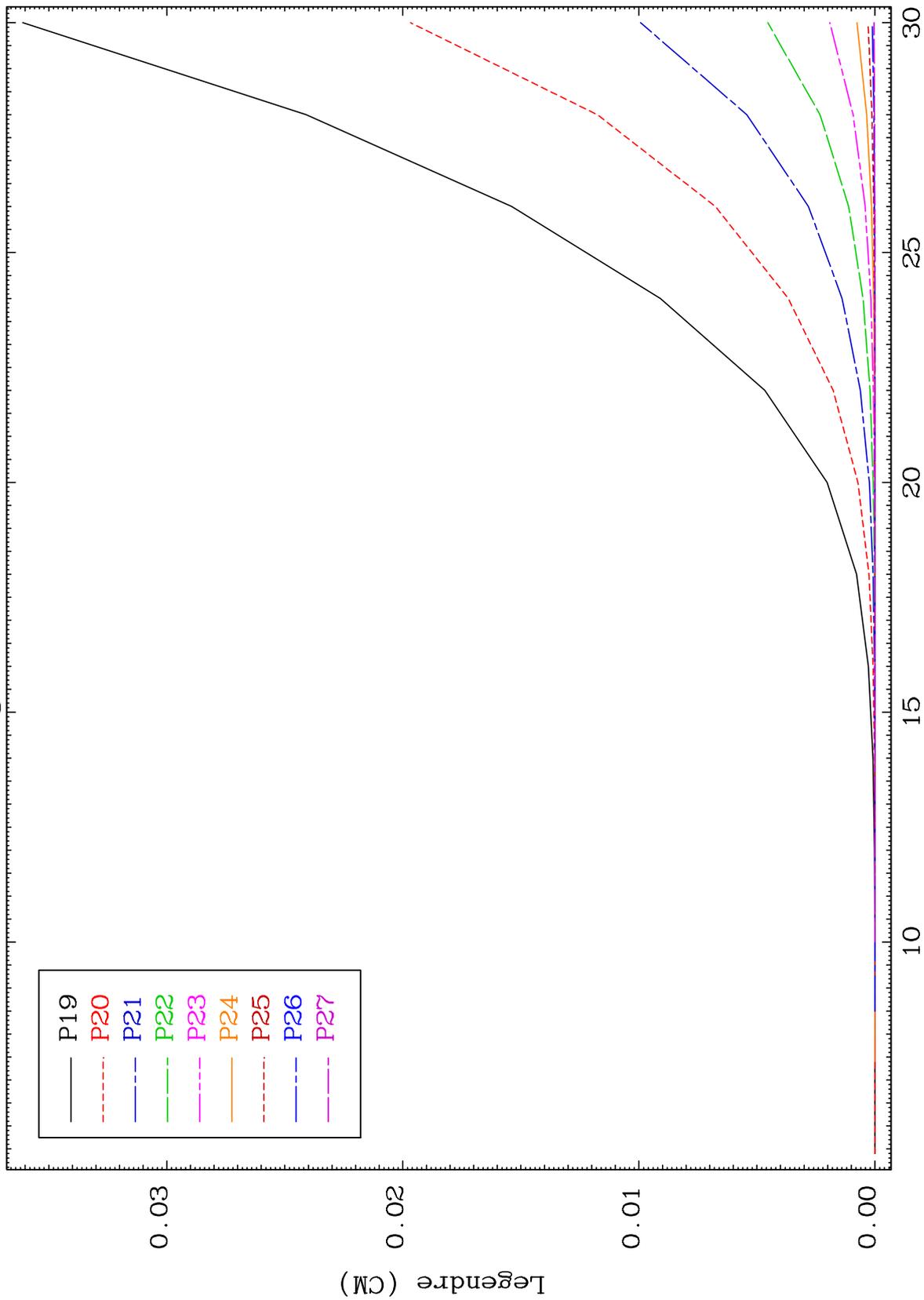
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic
Legendre Coefficients

86-Rn-205



18

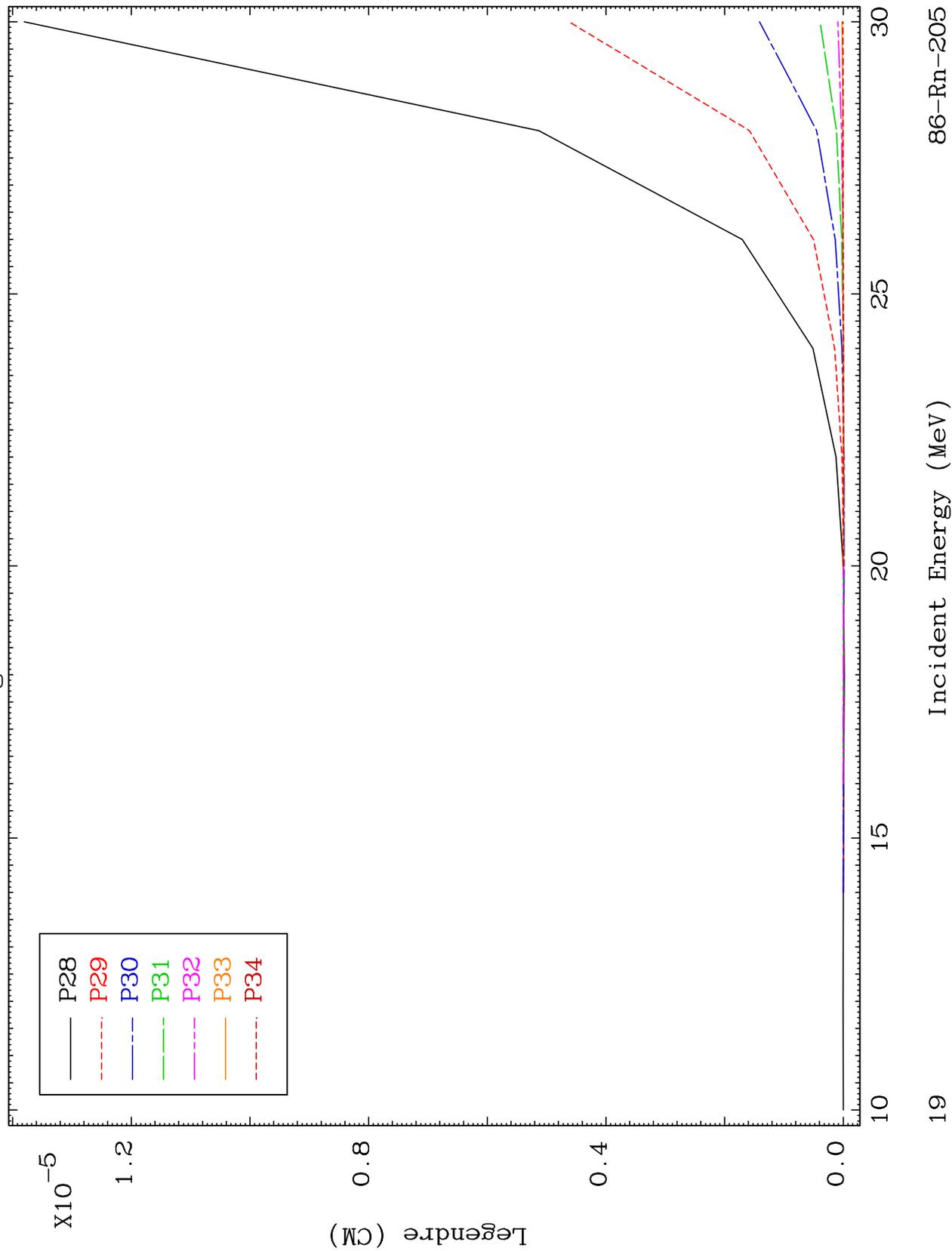
Incident Energy (MeV)

86-Rn-205

MAT 8607

Elastic Legendre Coefficients

86-Rn-205



19

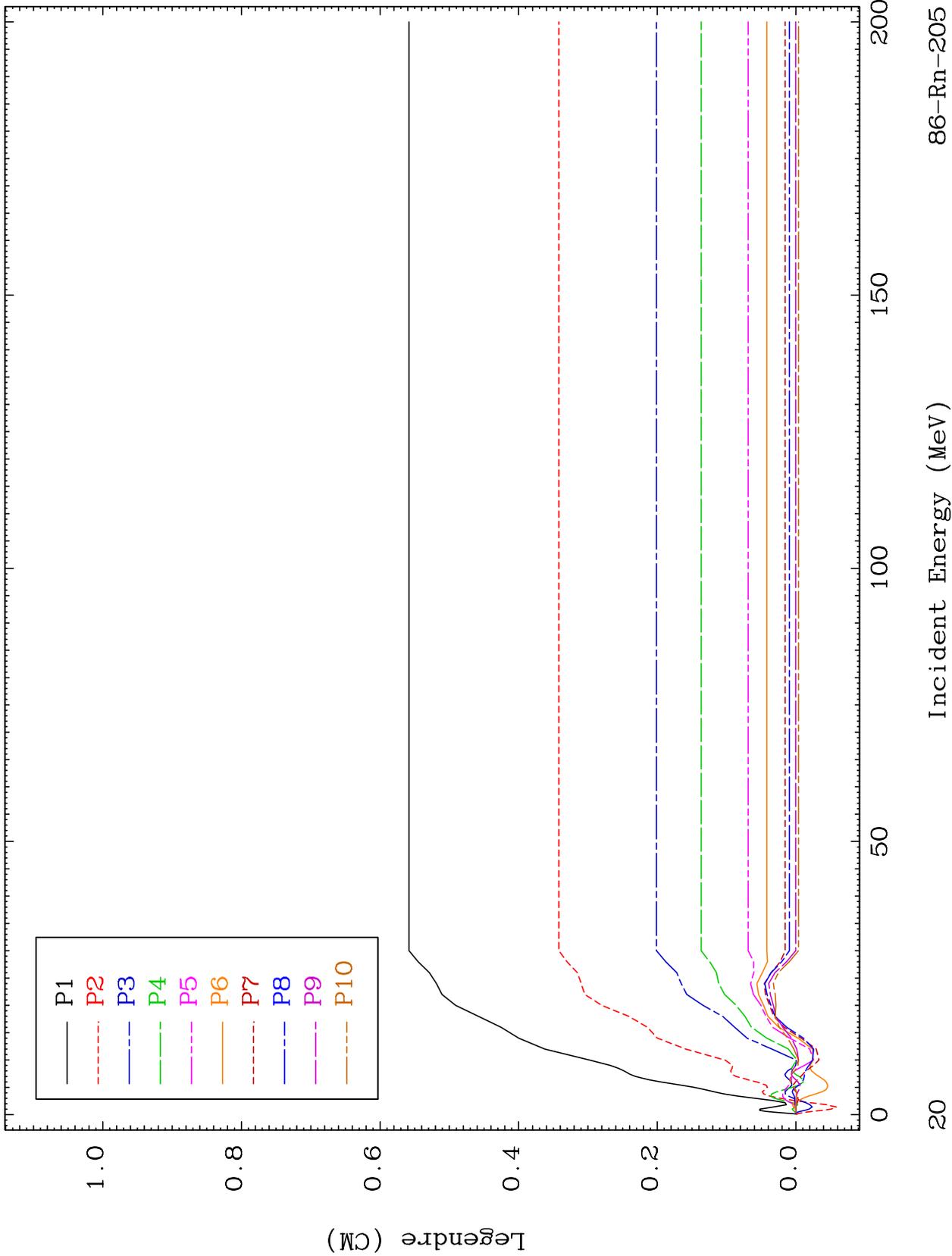
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



86-Rn-205

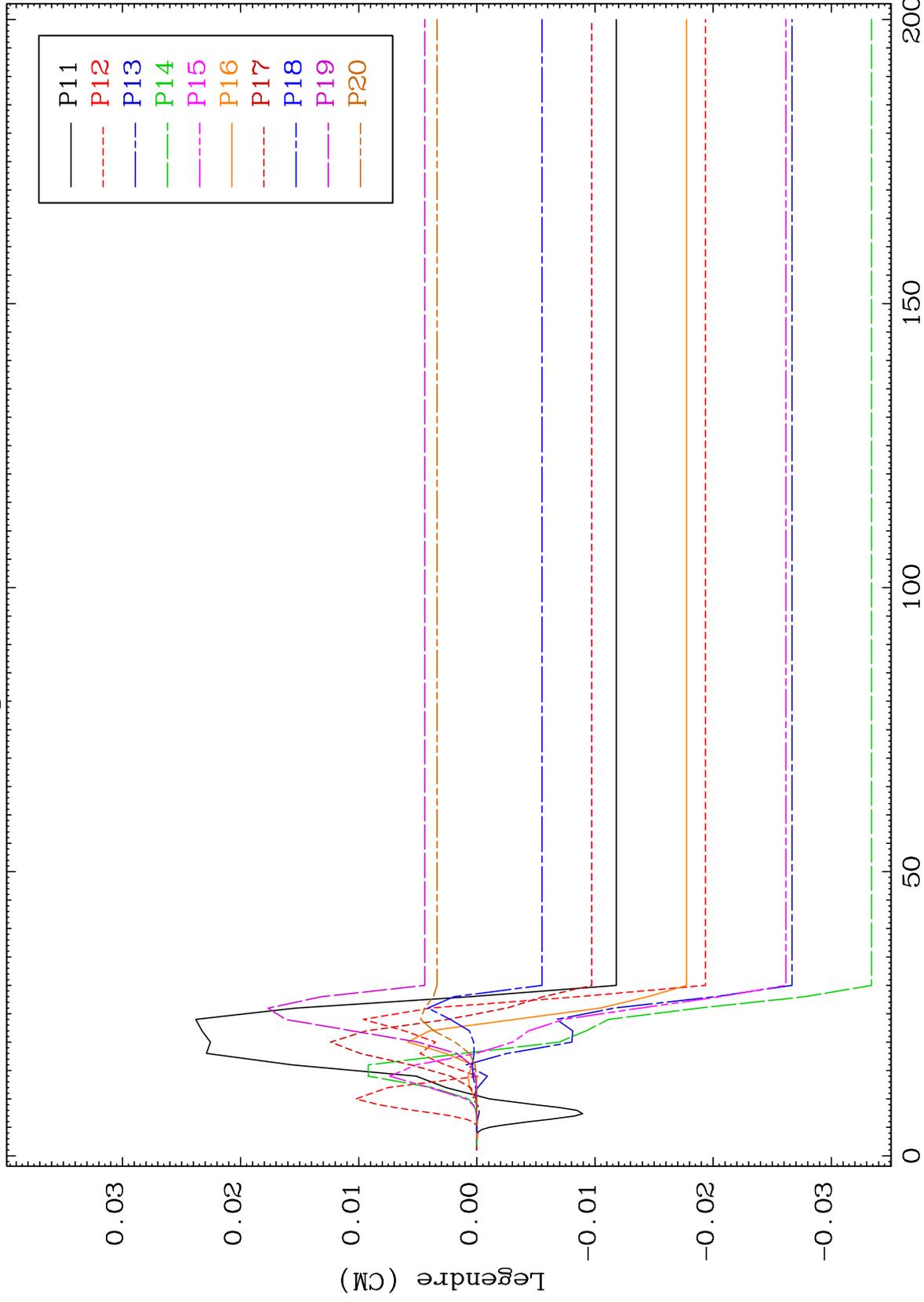
Incident Energy (MeV)

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MAT 8607

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

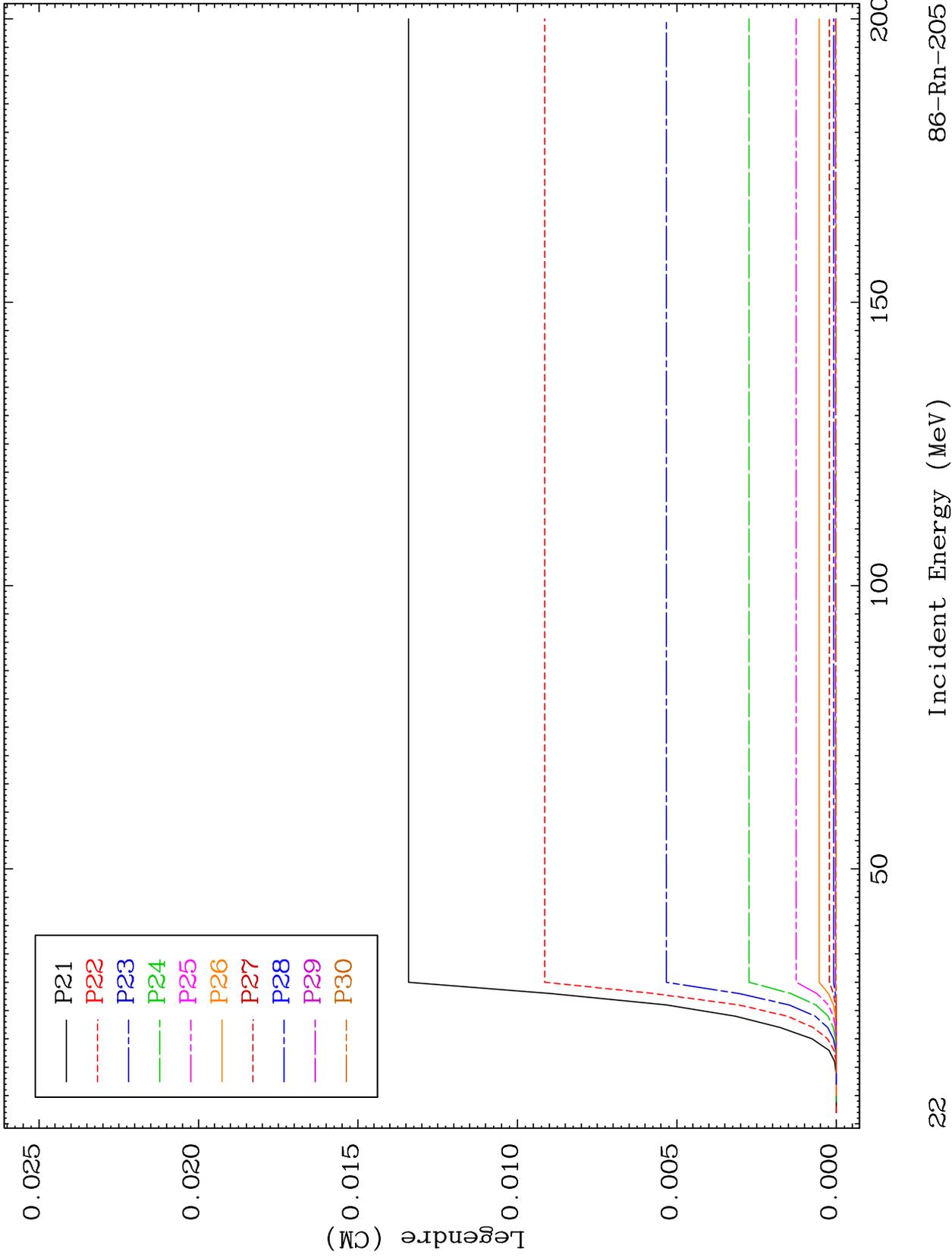
86-Rn-205



21

Incident Energy (MeV)

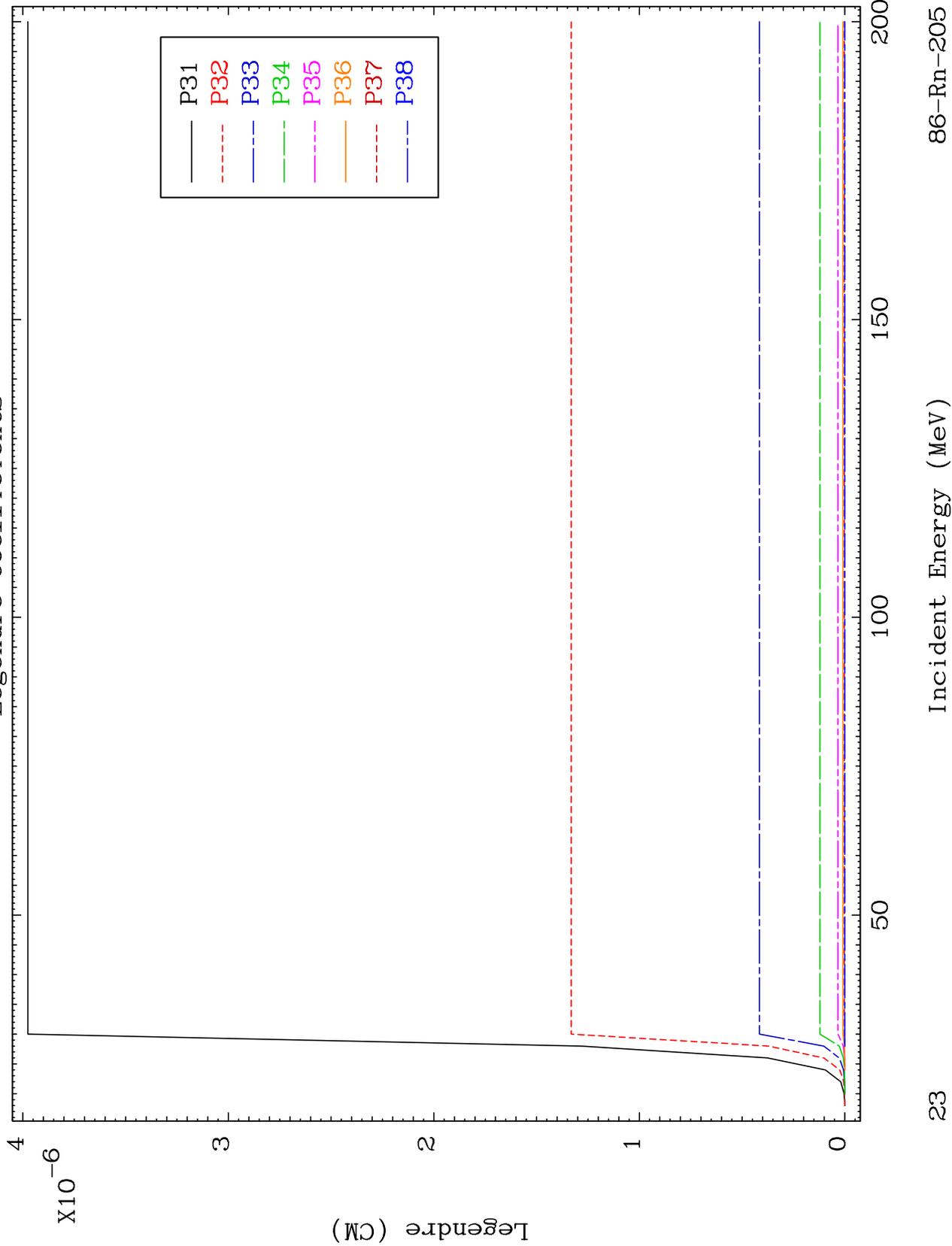
86-Rn-205



MAT 8607

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

86-Rn-205



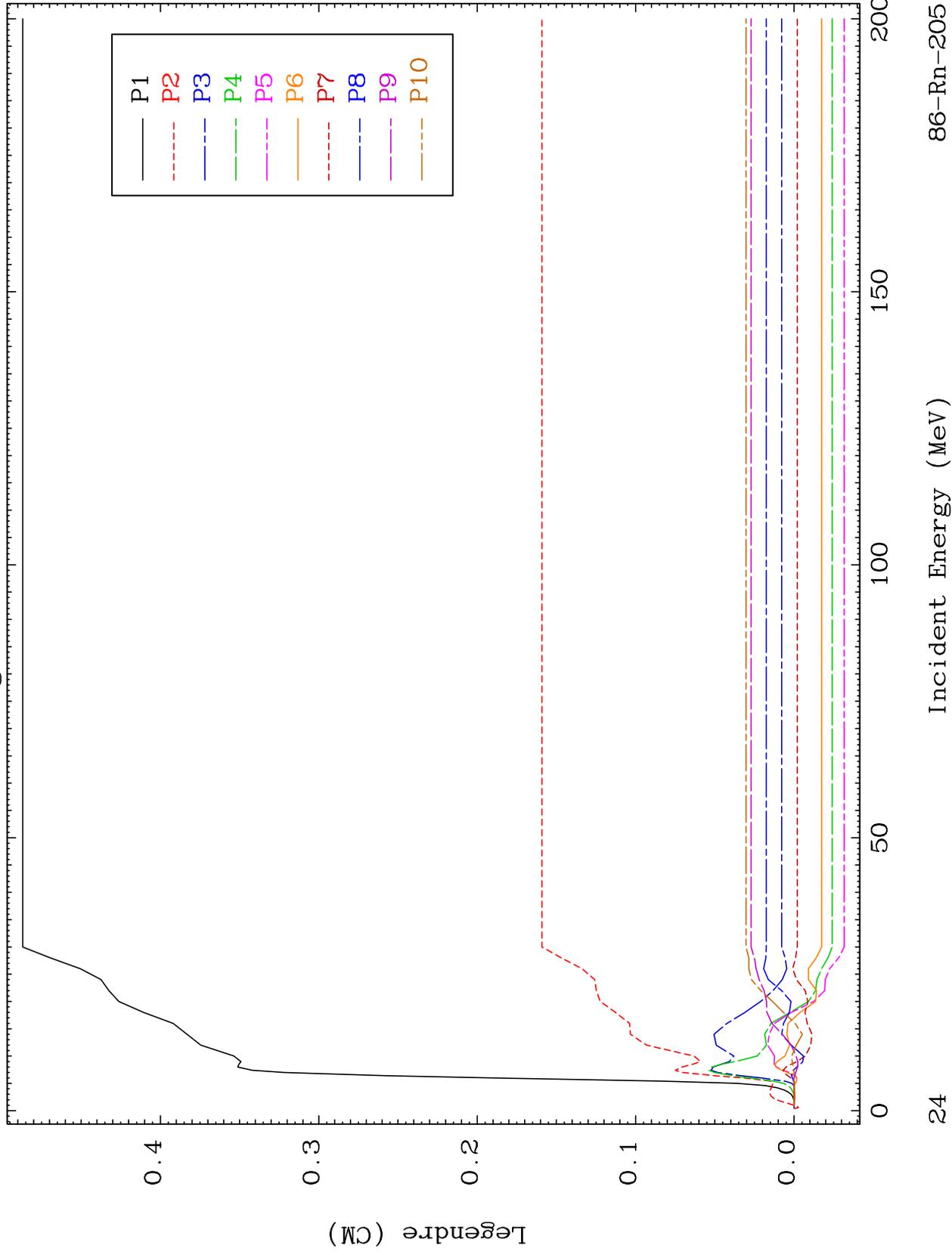
23

86-Rn-205

MAT 8607

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

86-Rn-205



24

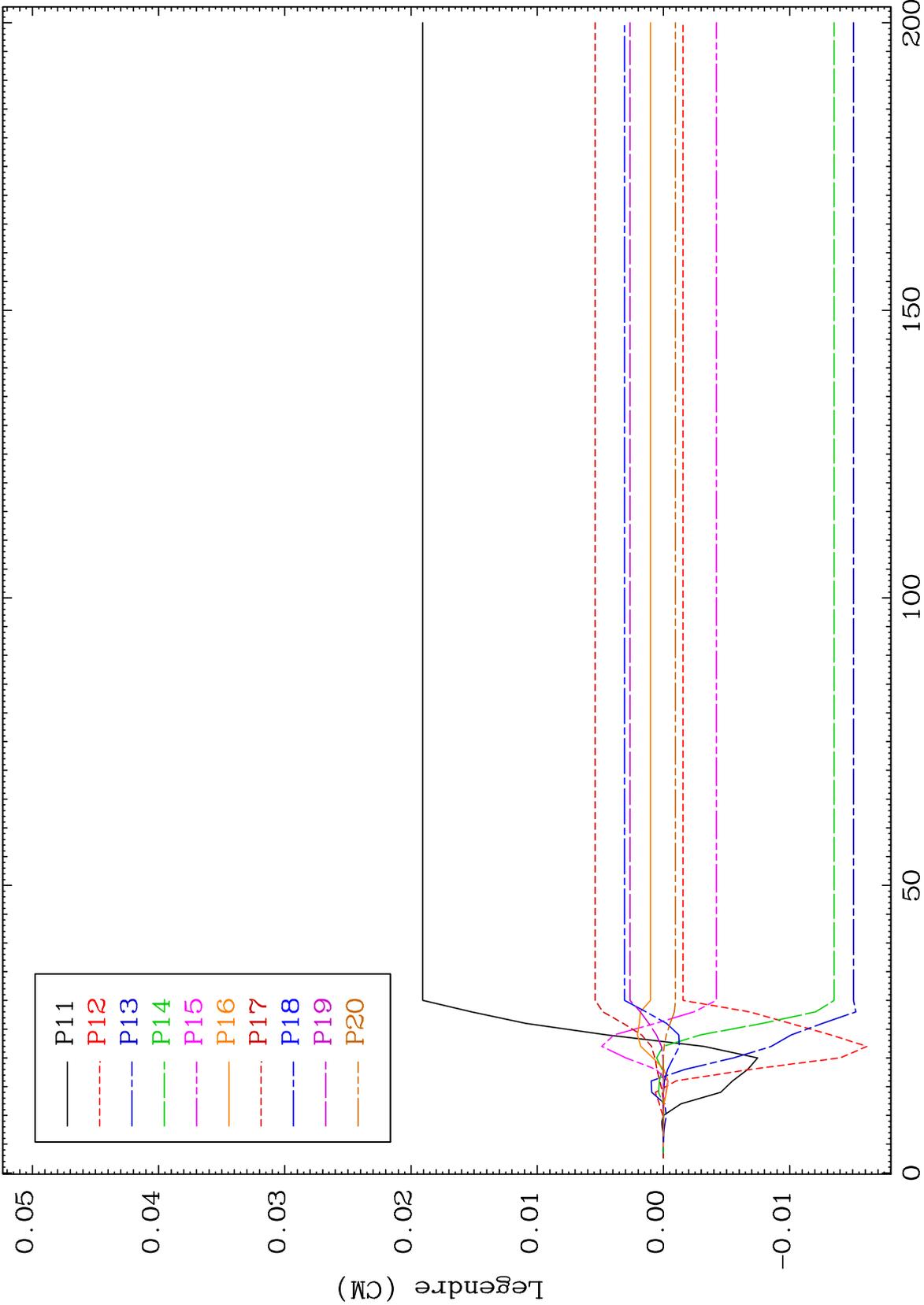
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

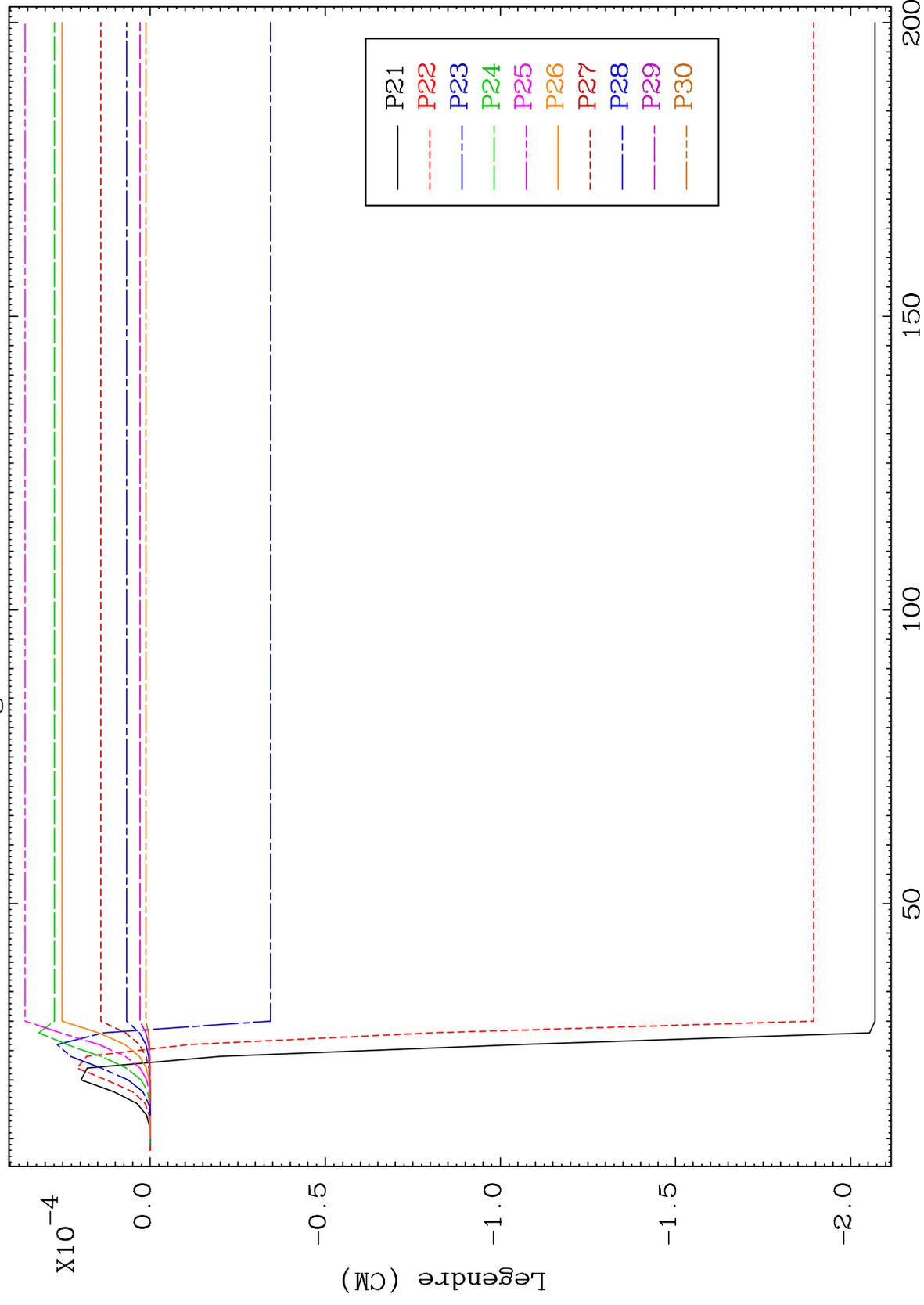
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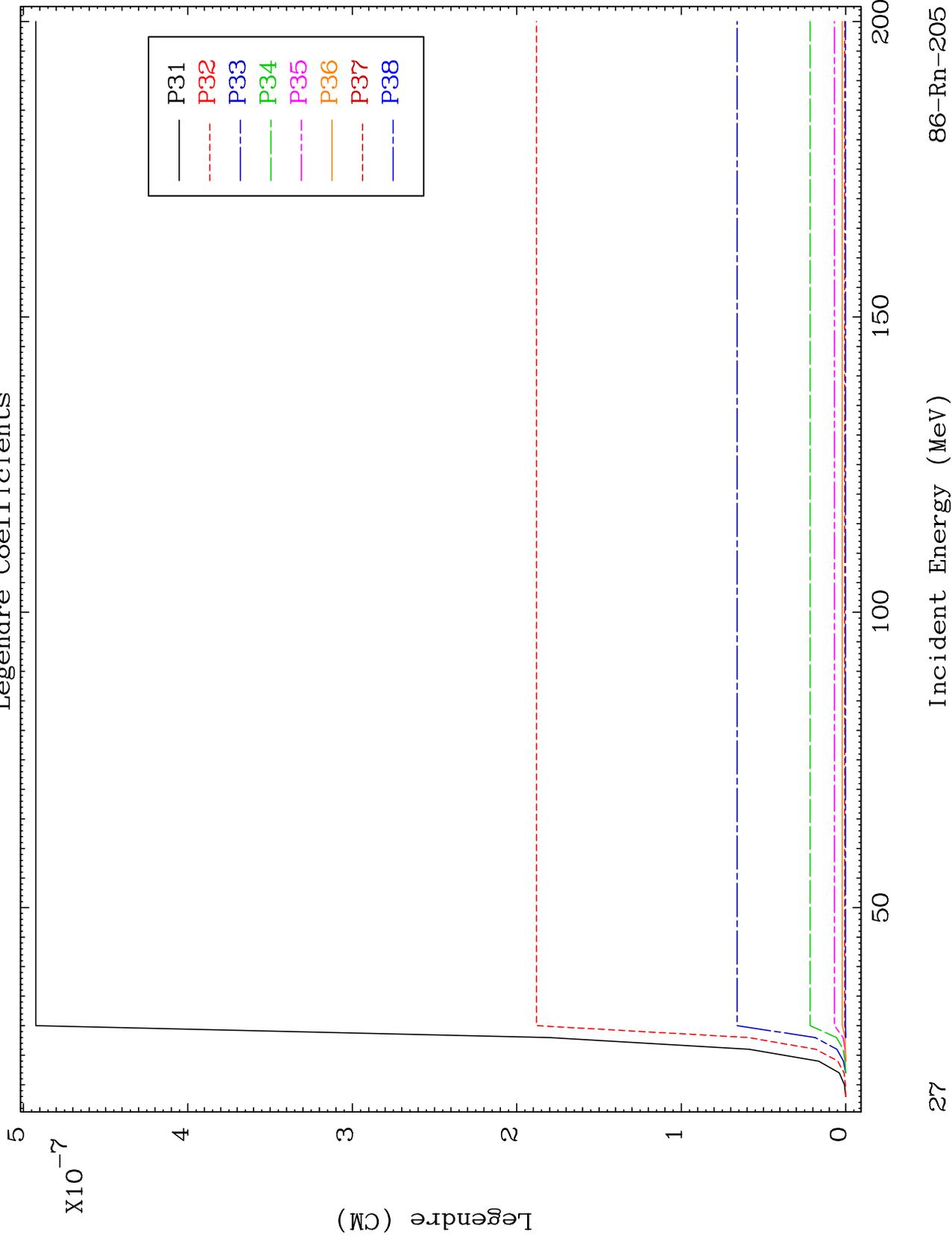


25

Incident Energy (MeV)

86-Rn-205

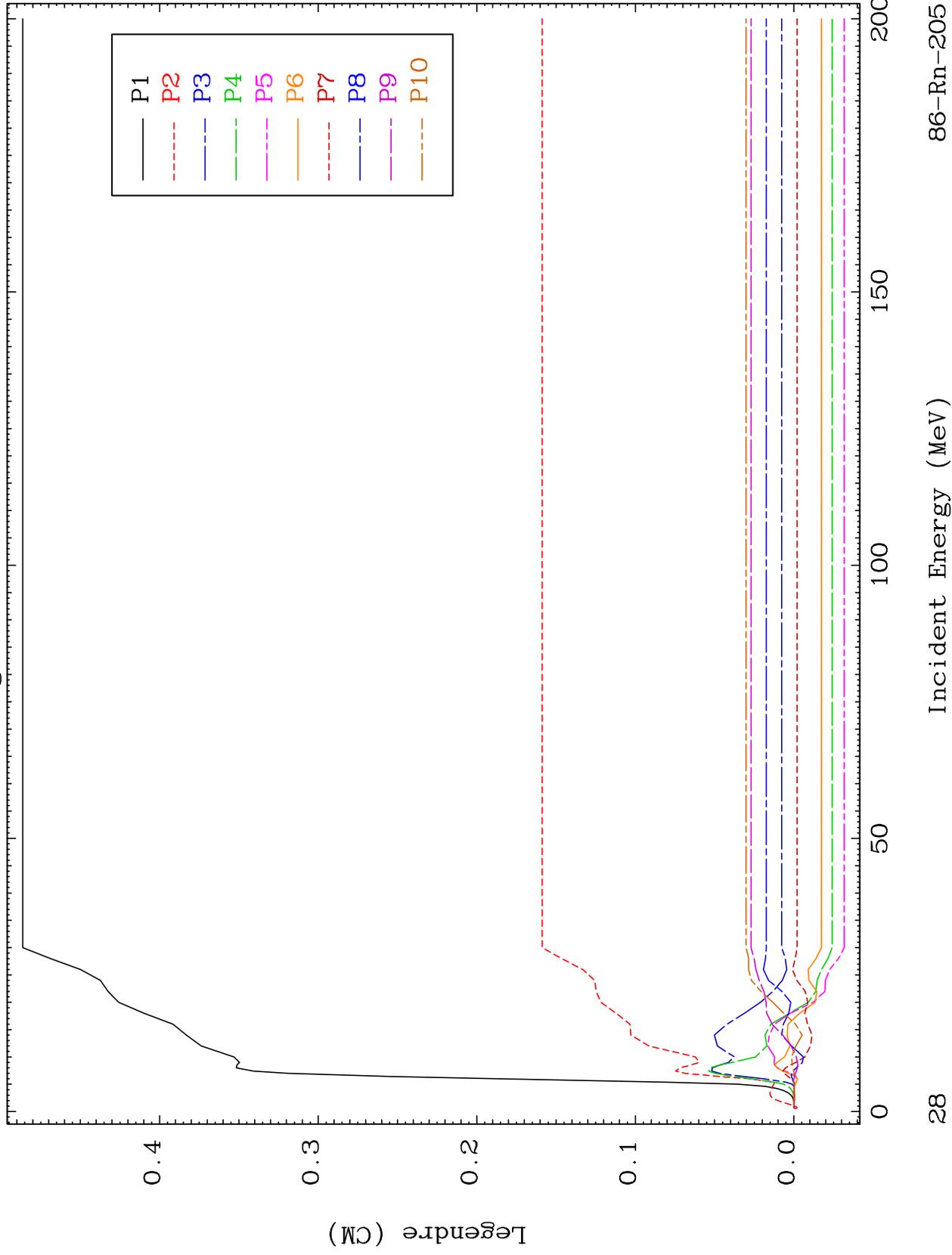




MAT 8607

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

86-Rn-205



86-Rn-205

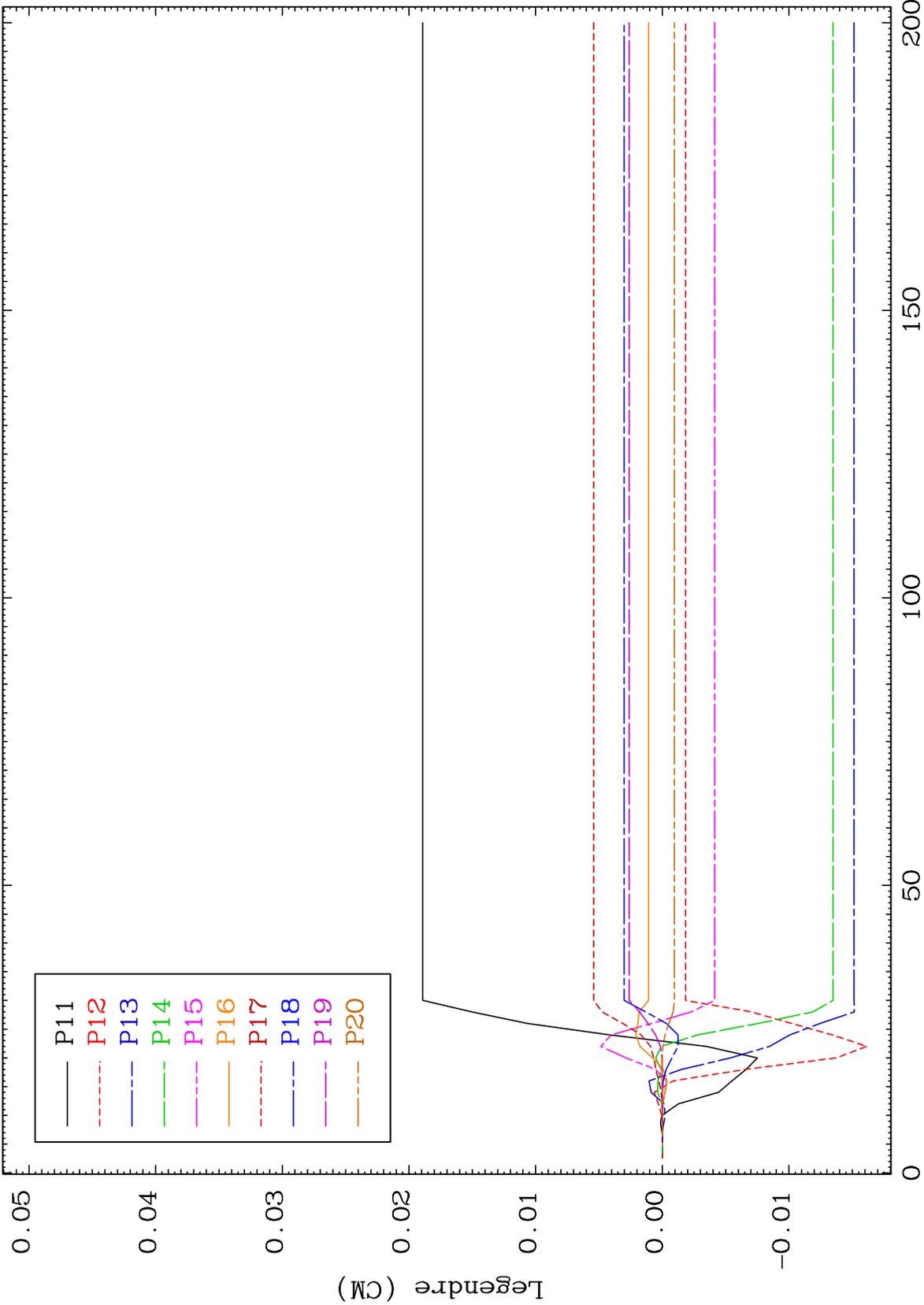
Incident Energy (MeV)

28

MAT 8607

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

86-Rn-205



29

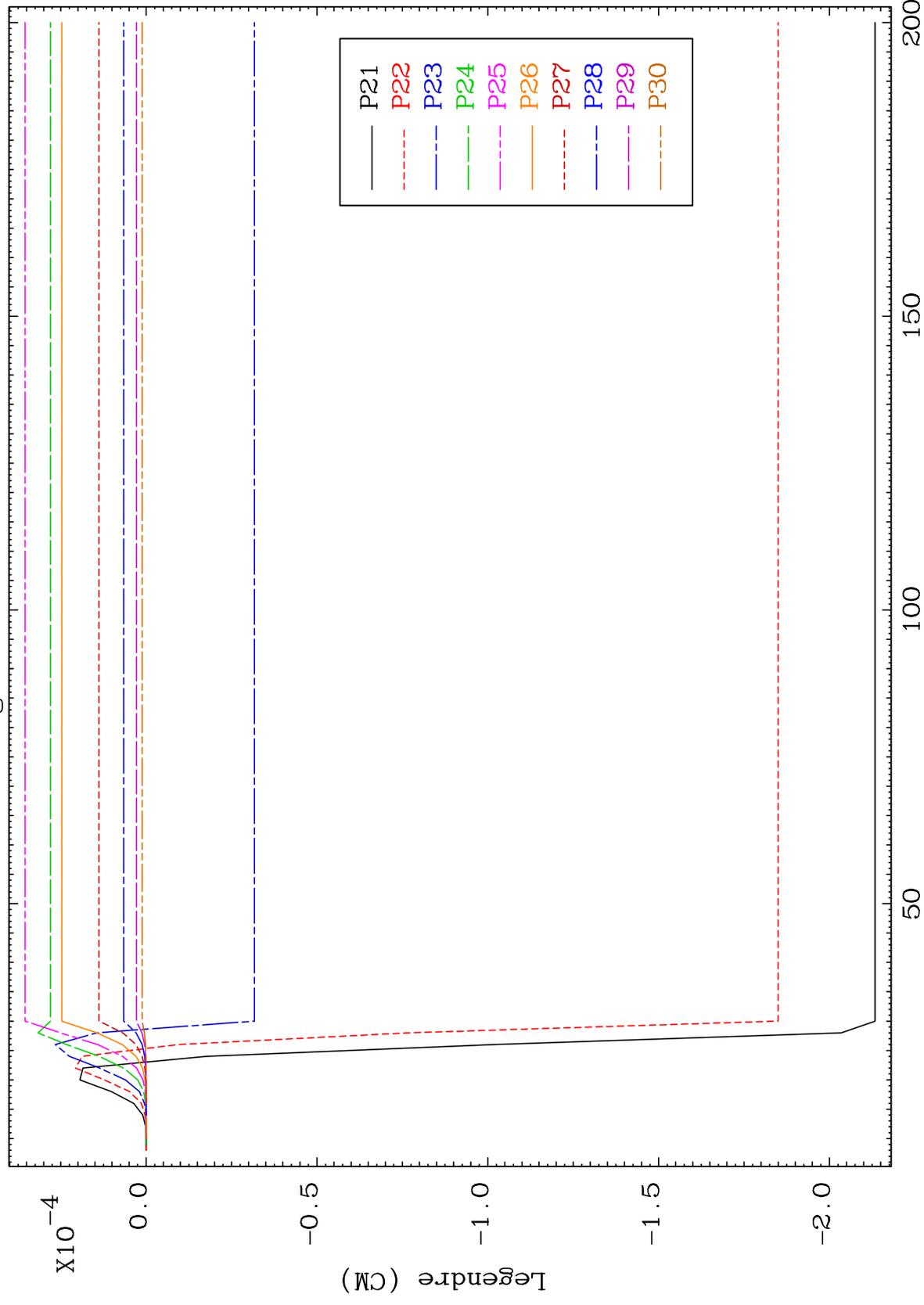
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



30

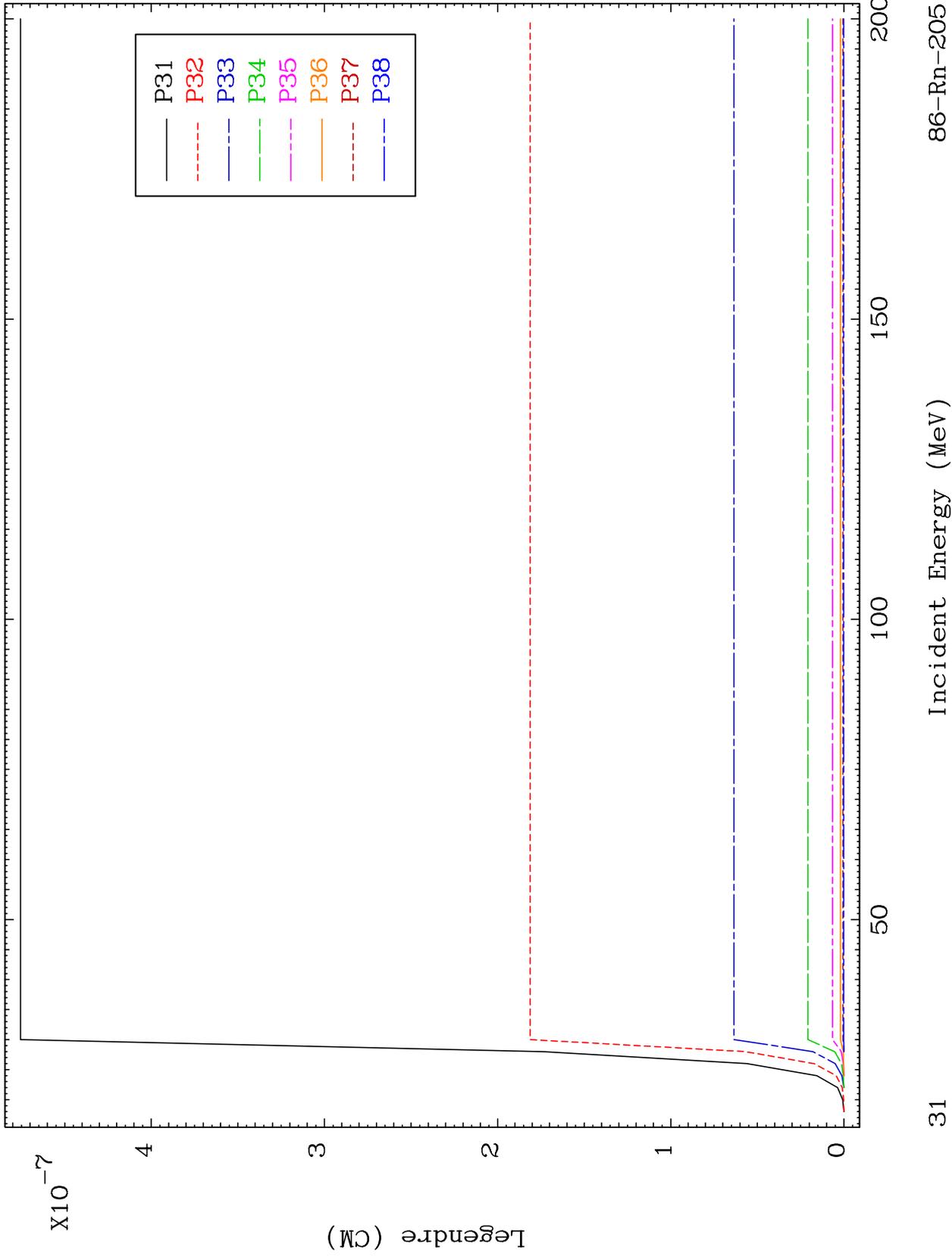
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



31

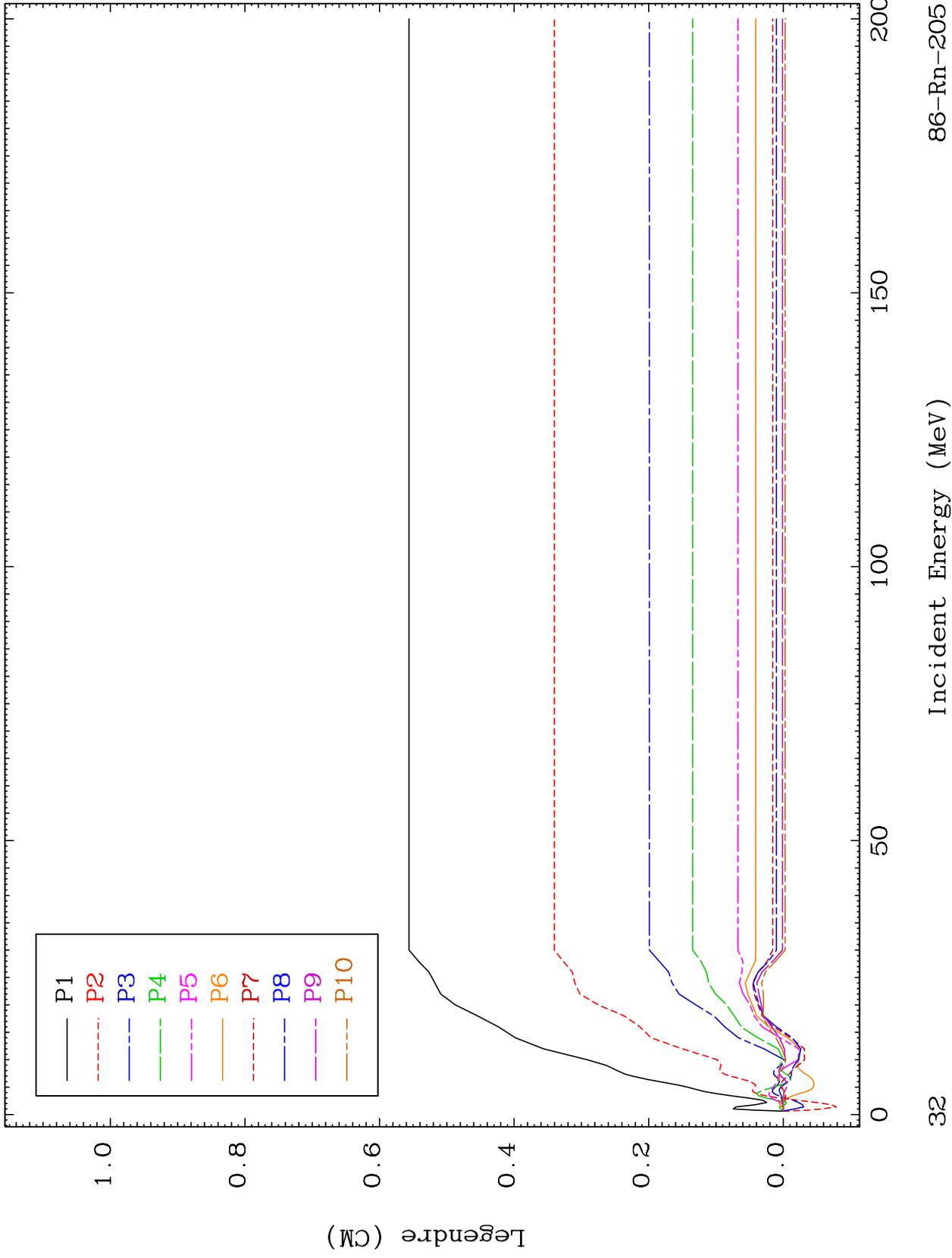
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



MAT 8607

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

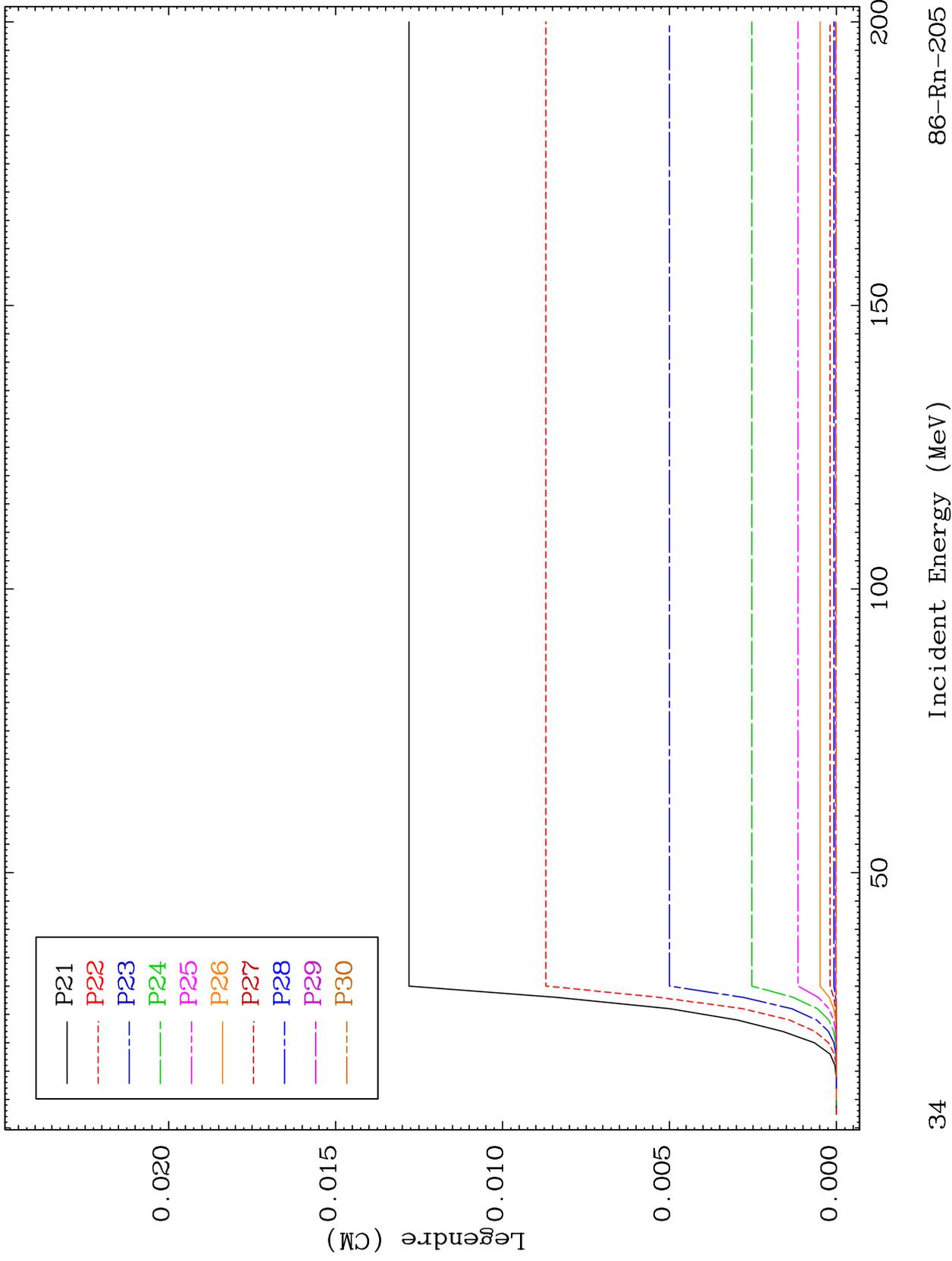
86-Rn-205



33

Incident Energy (MeV)

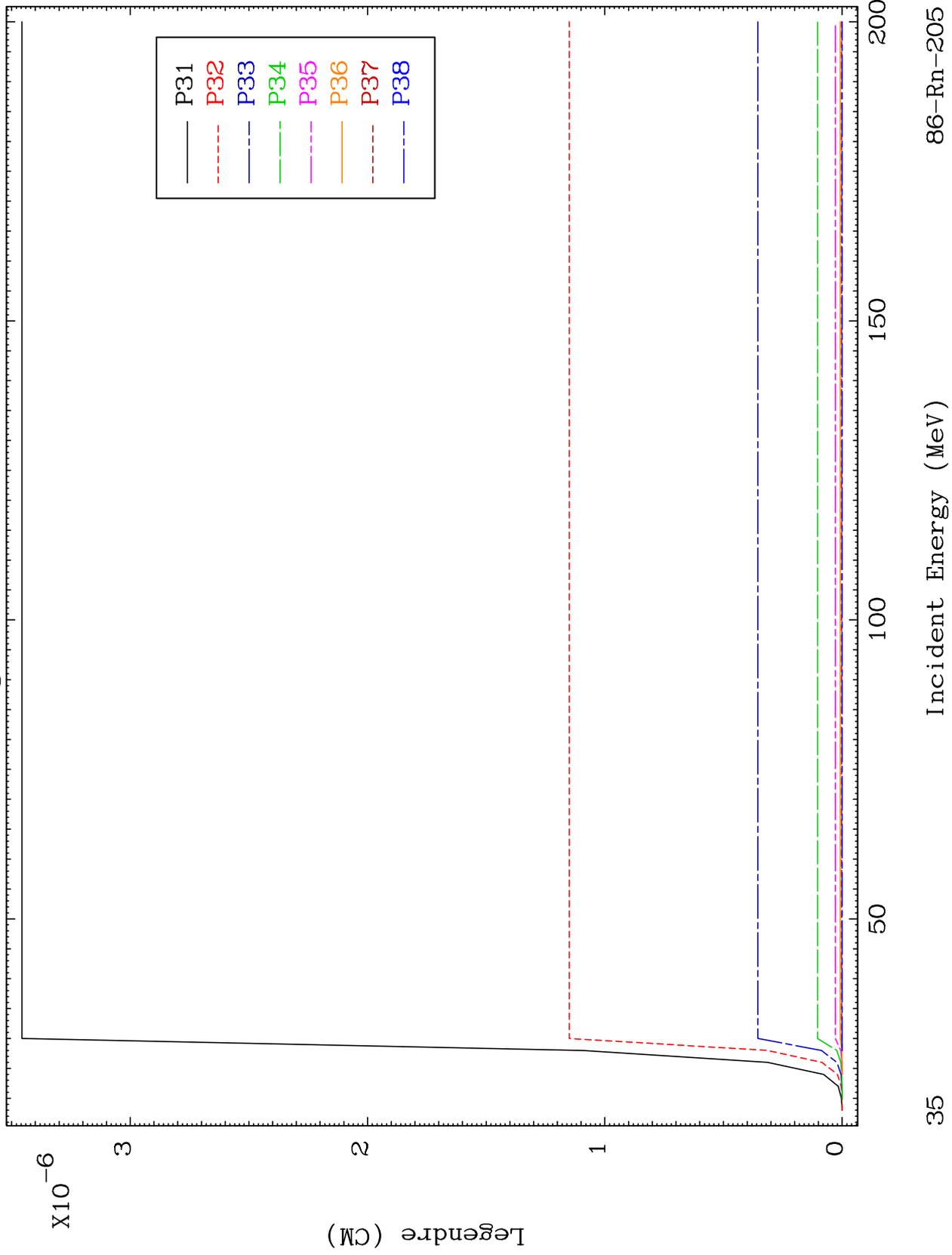
86-Rn-205



MAT 8607

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

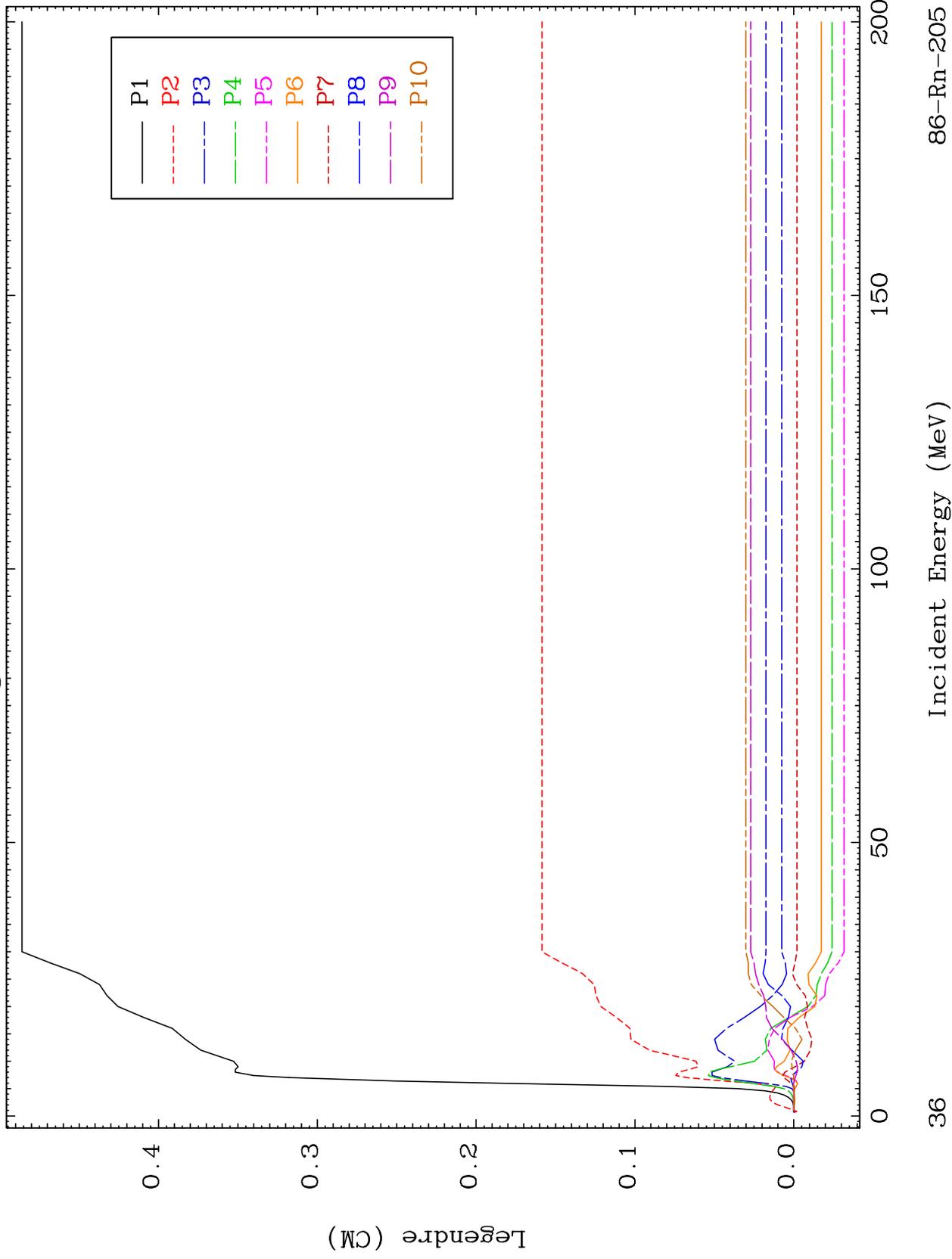
86-Rn-205



MAT 8607

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

86-Rn-205



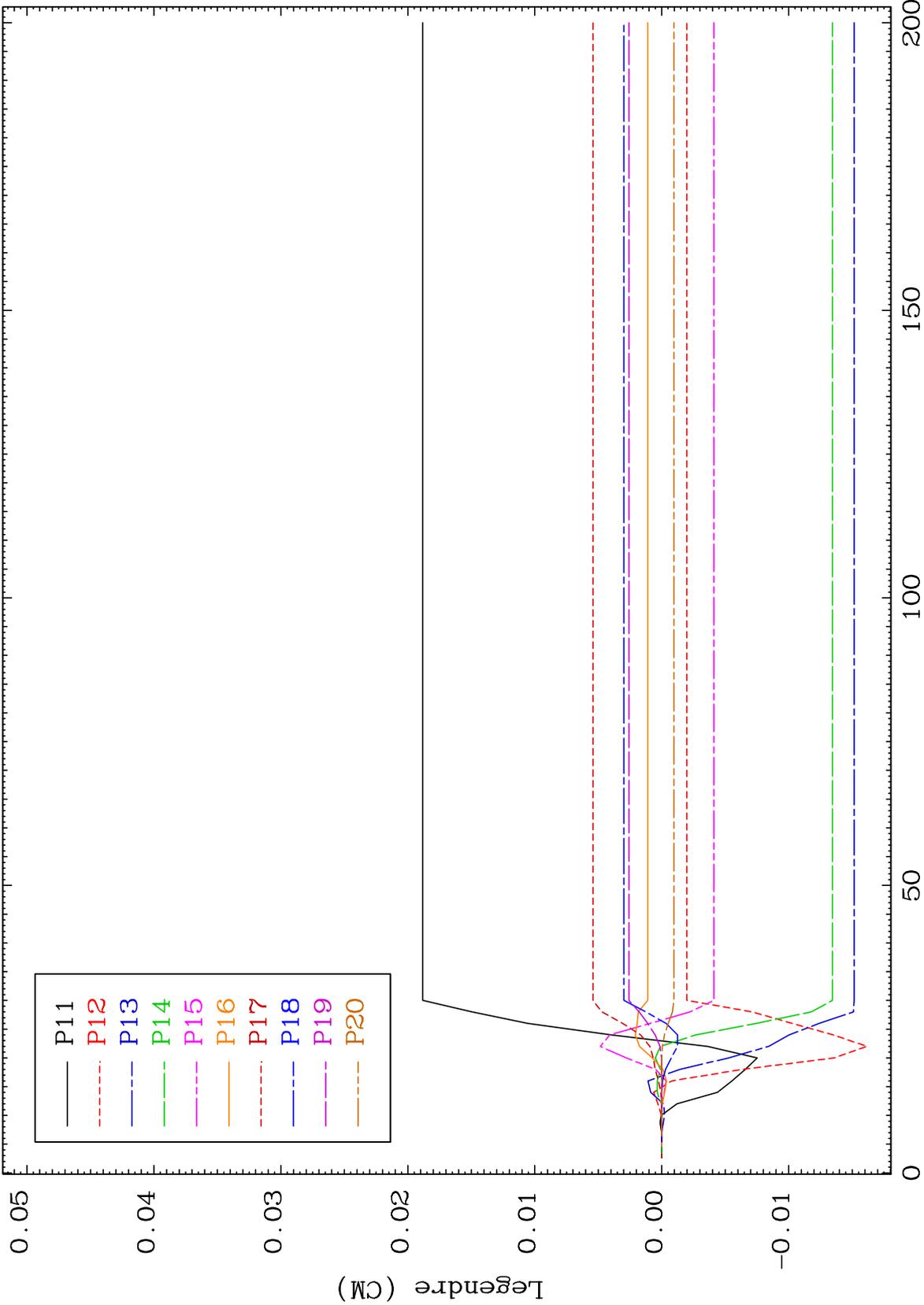
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86-Rn-205

MAT 8607

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

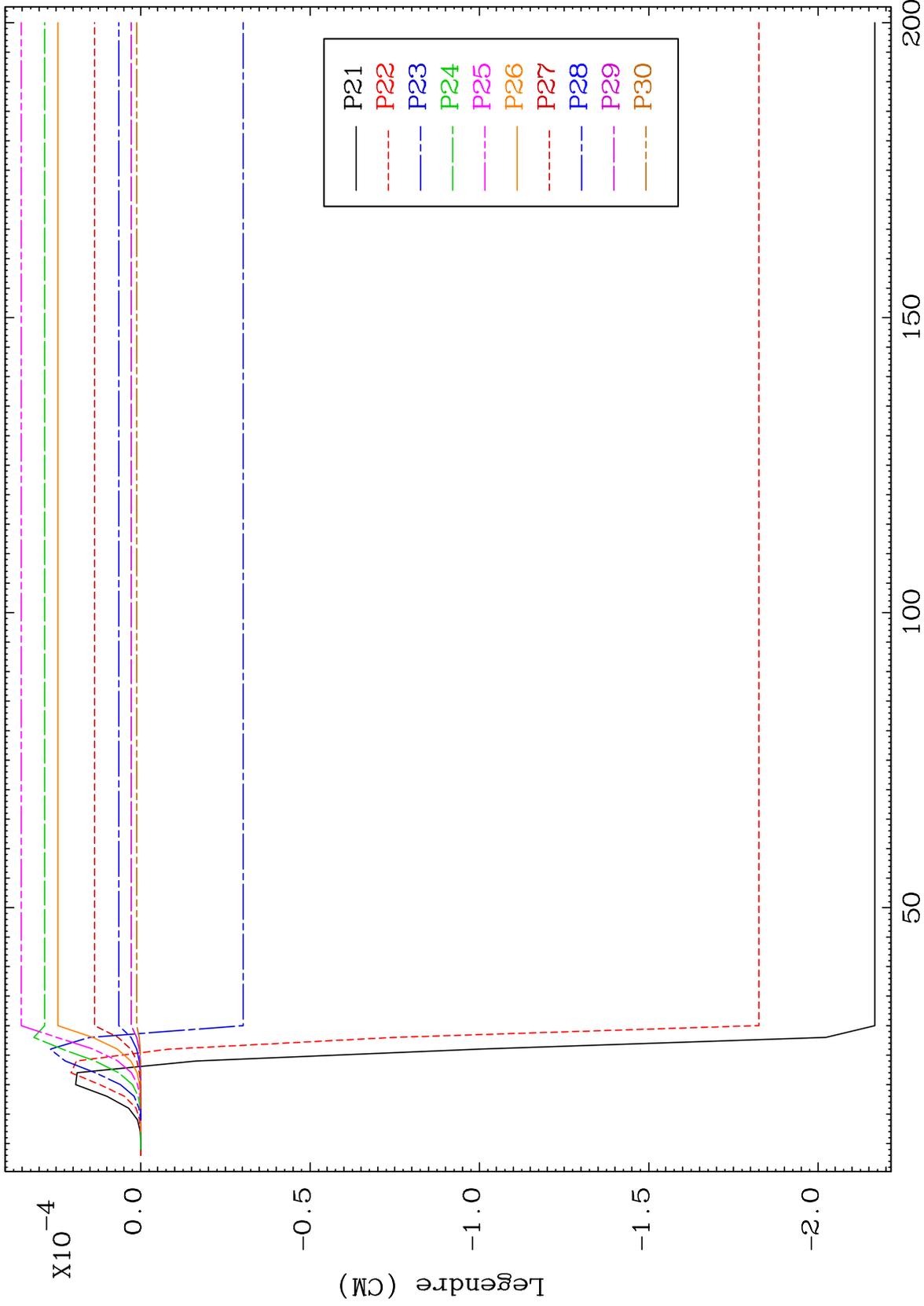
86-Rn-205



37

Incident Energy (MeV)

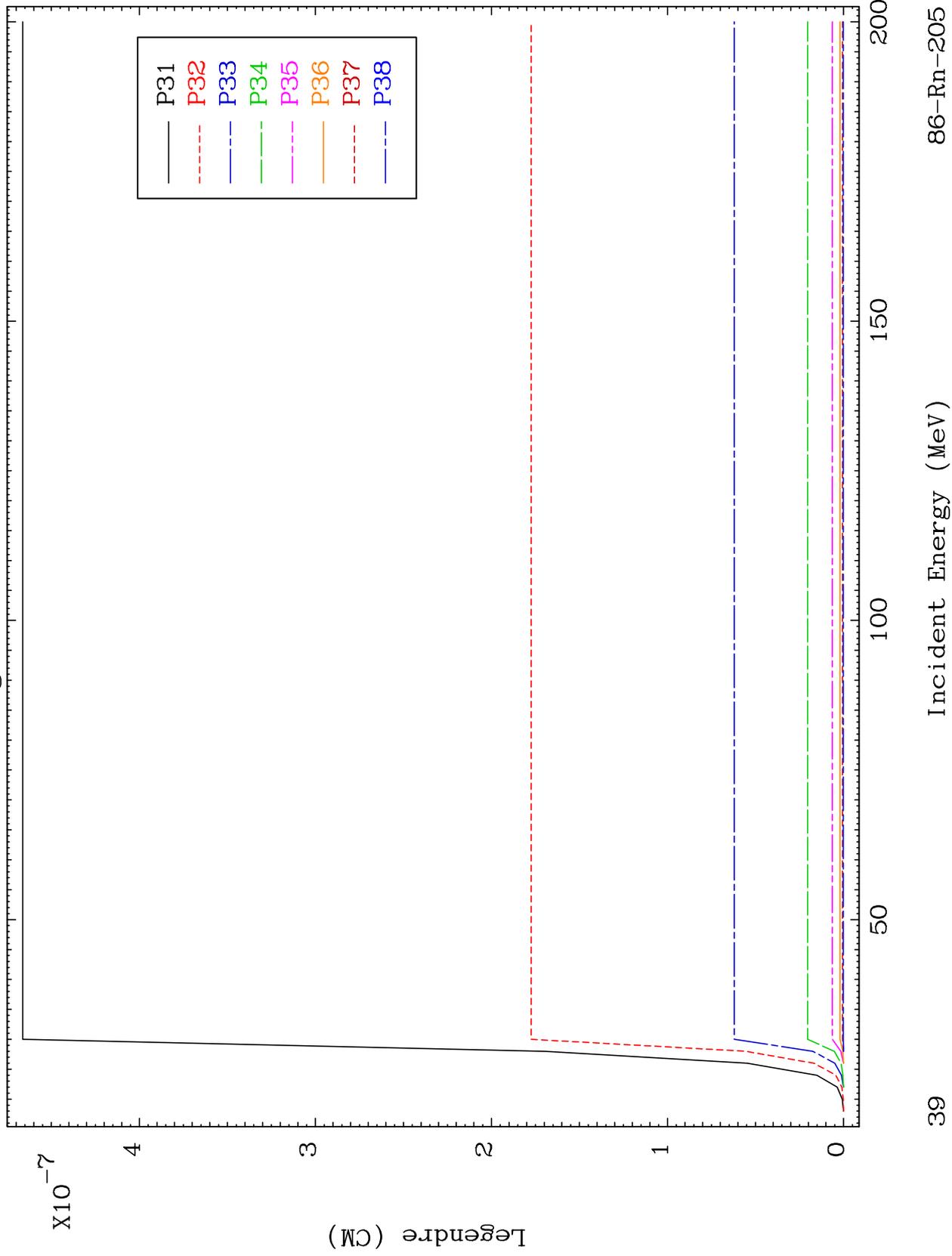
86-Rn-205



MAT 8607

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

86-Rn-205



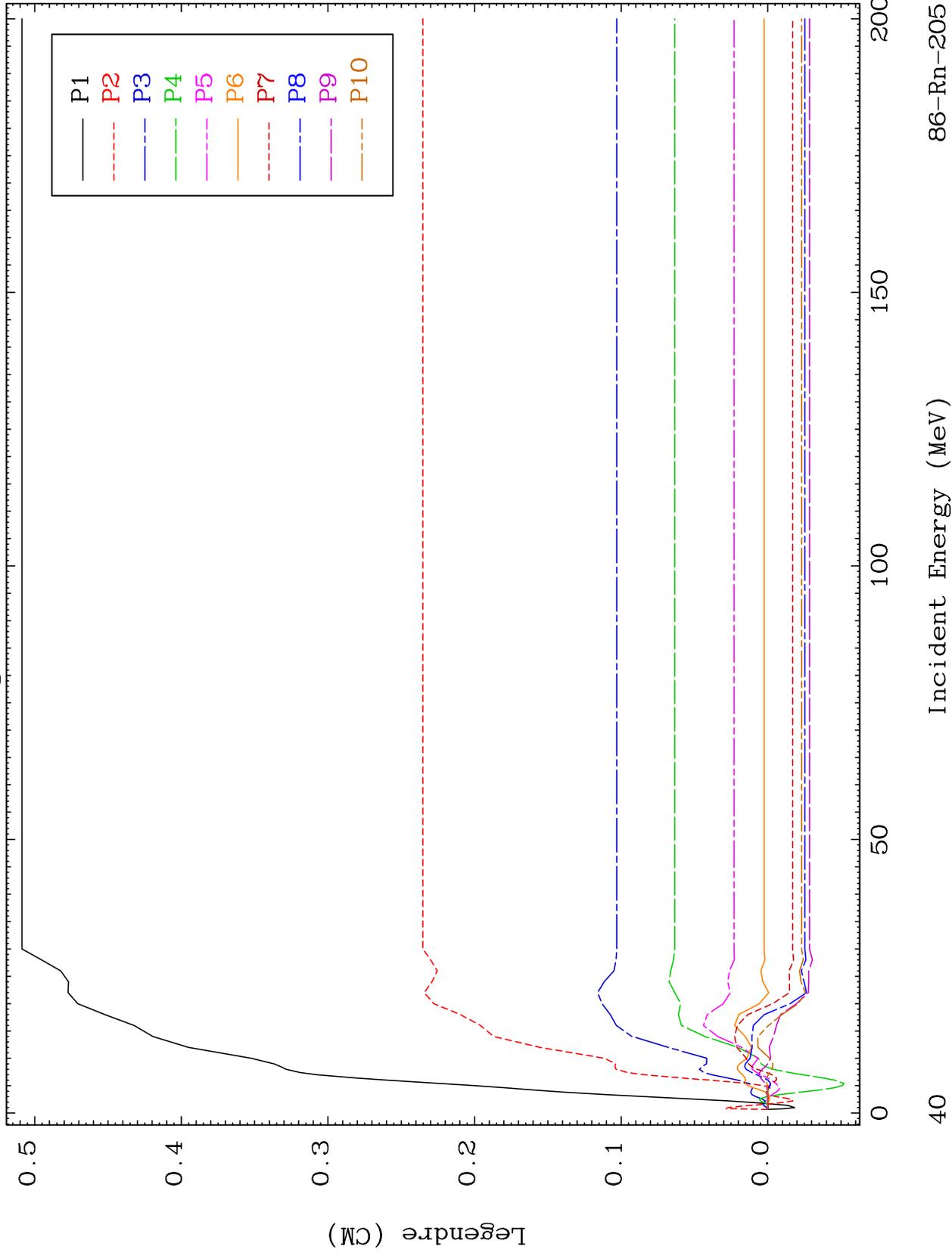
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86-Rn-205

MAT 8607

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

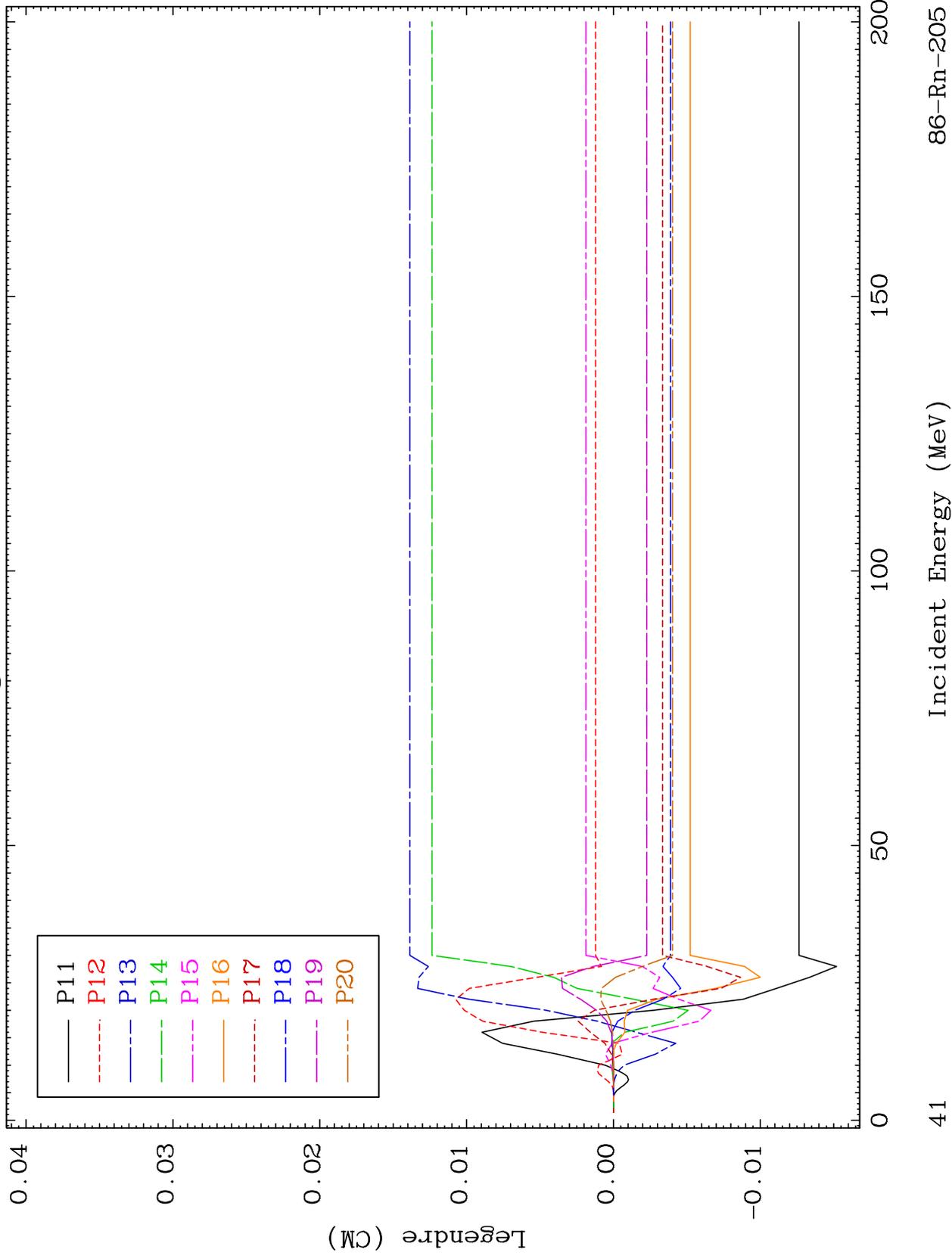
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MAT 8607

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

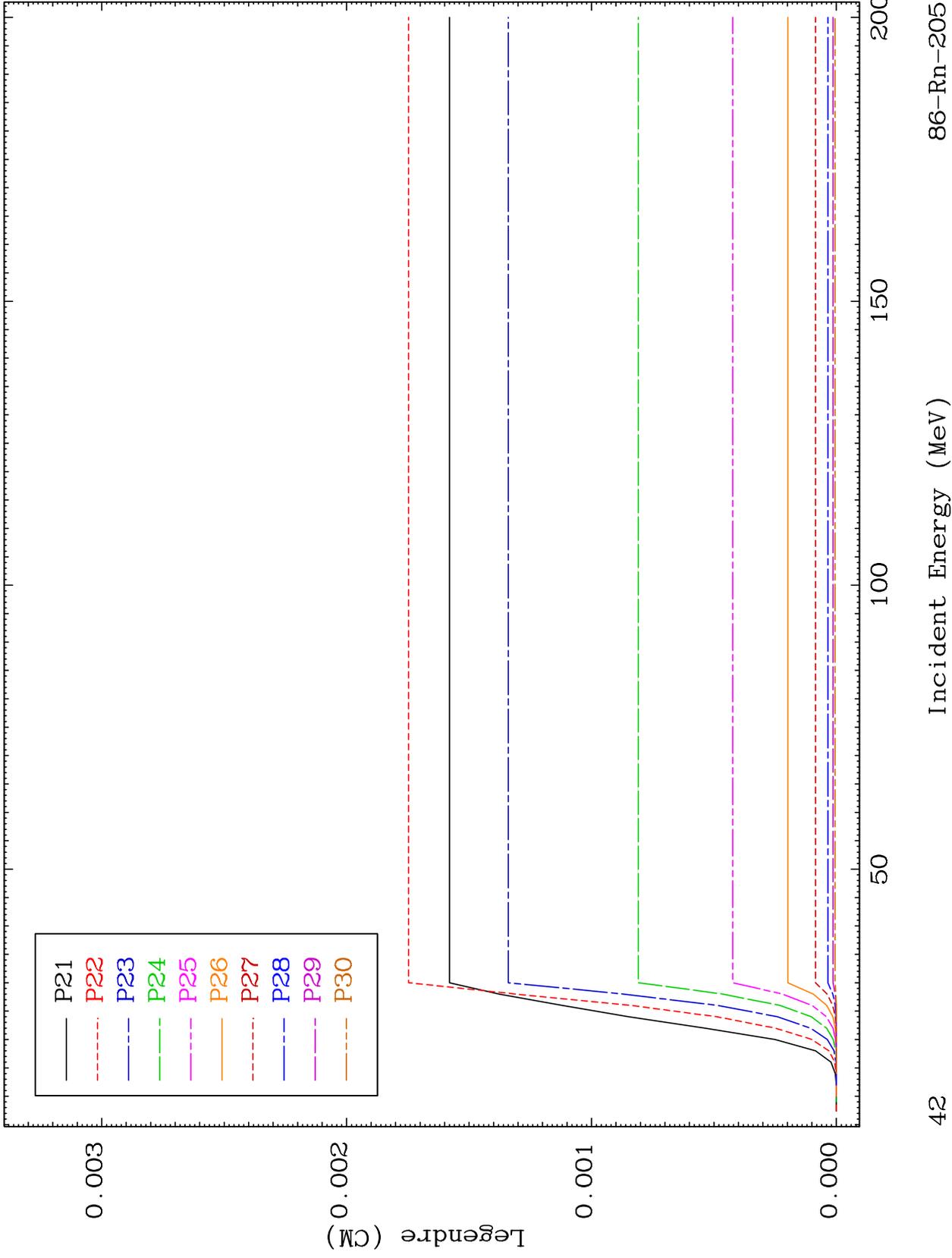
86-Rn-205



MAT 8607

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

86-Rn-205



42

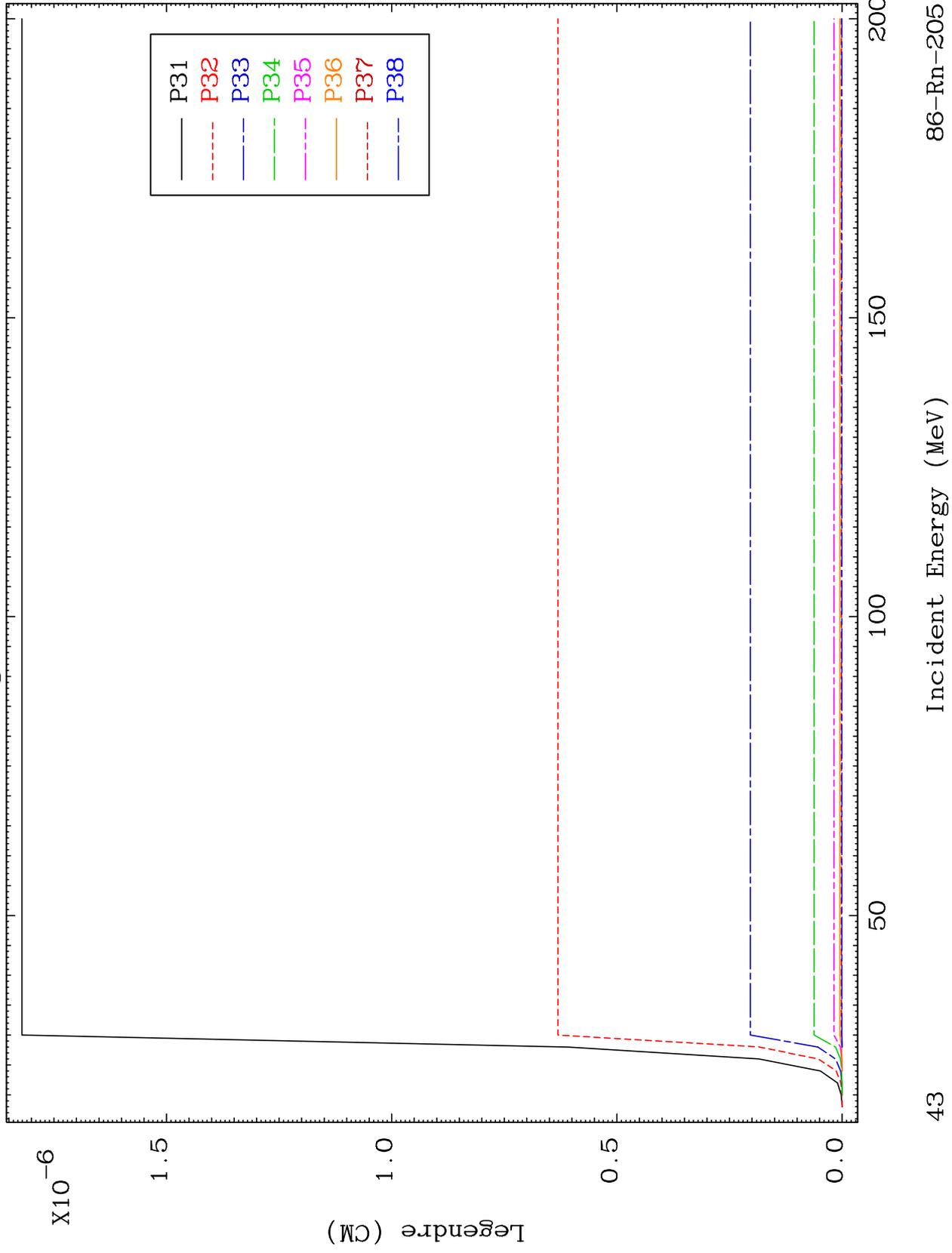
Incident Energy (MeV)

86-Rn-205

MAT 8607

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

86-Rn-205



43

Incident Energy (MeV)

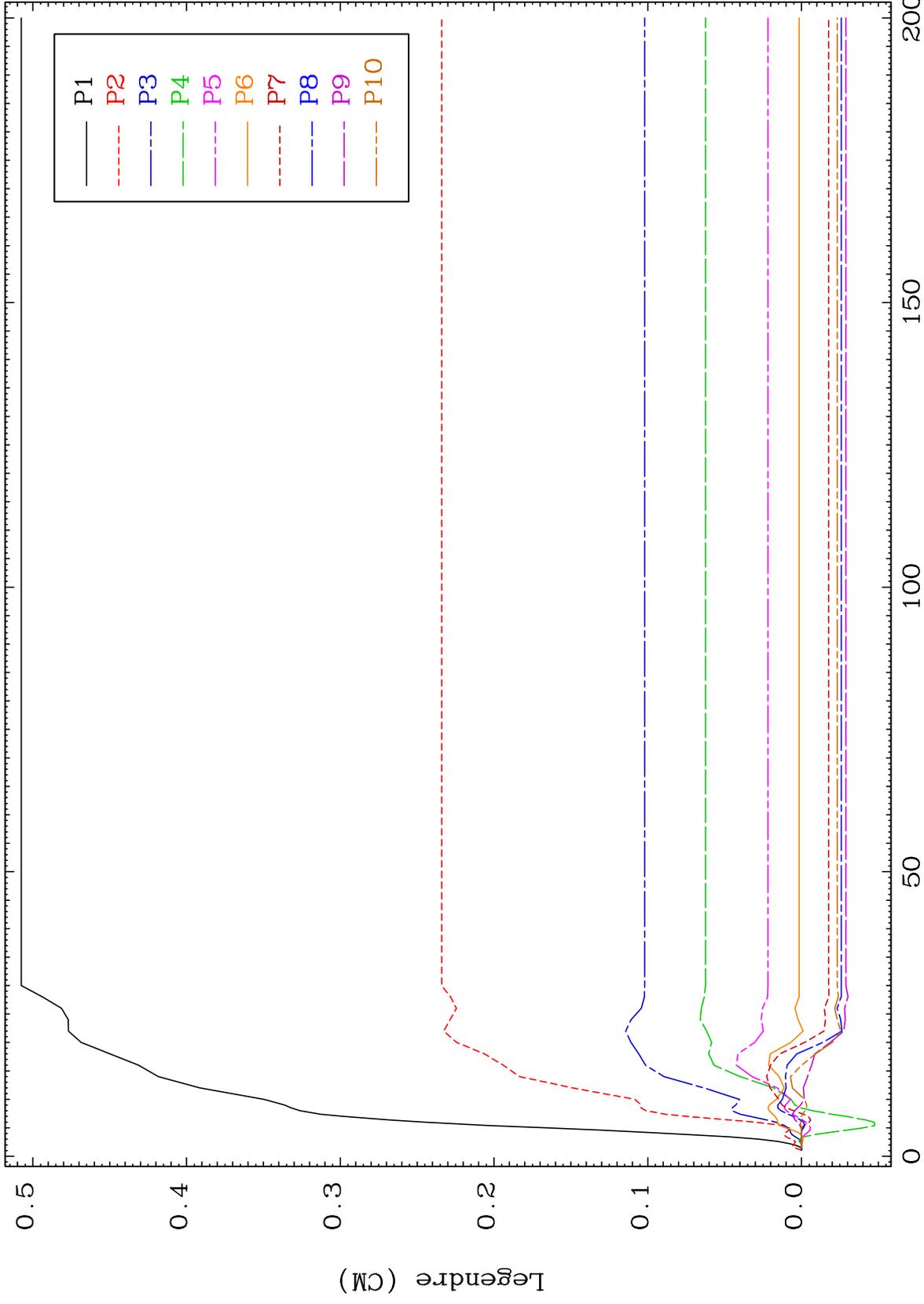
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MAT 8607

MT= 57 (n,n') Level

86-Rn-205

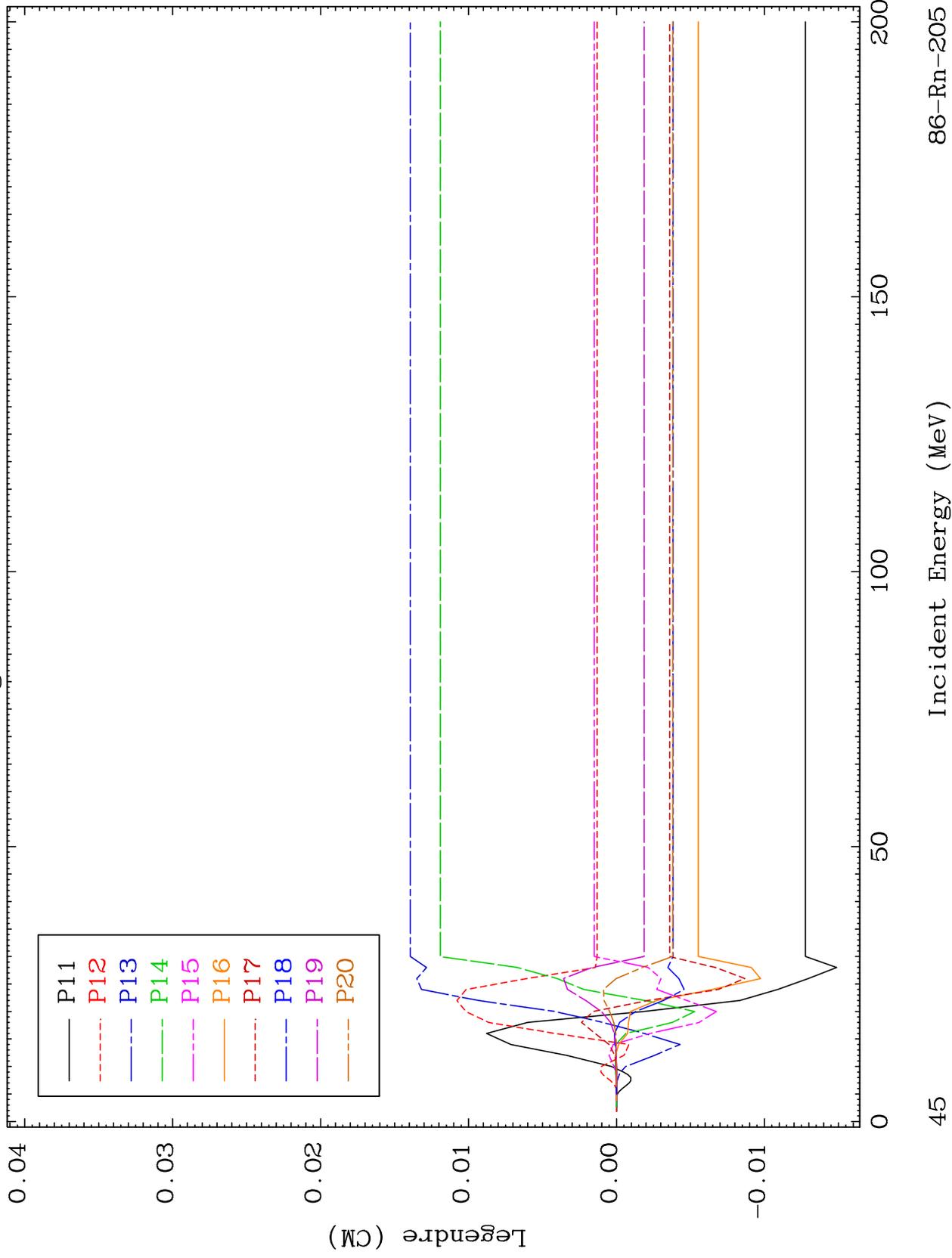
Legendre Coefficients



MAT 8607

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

86-Rn-205



86-Rn-205

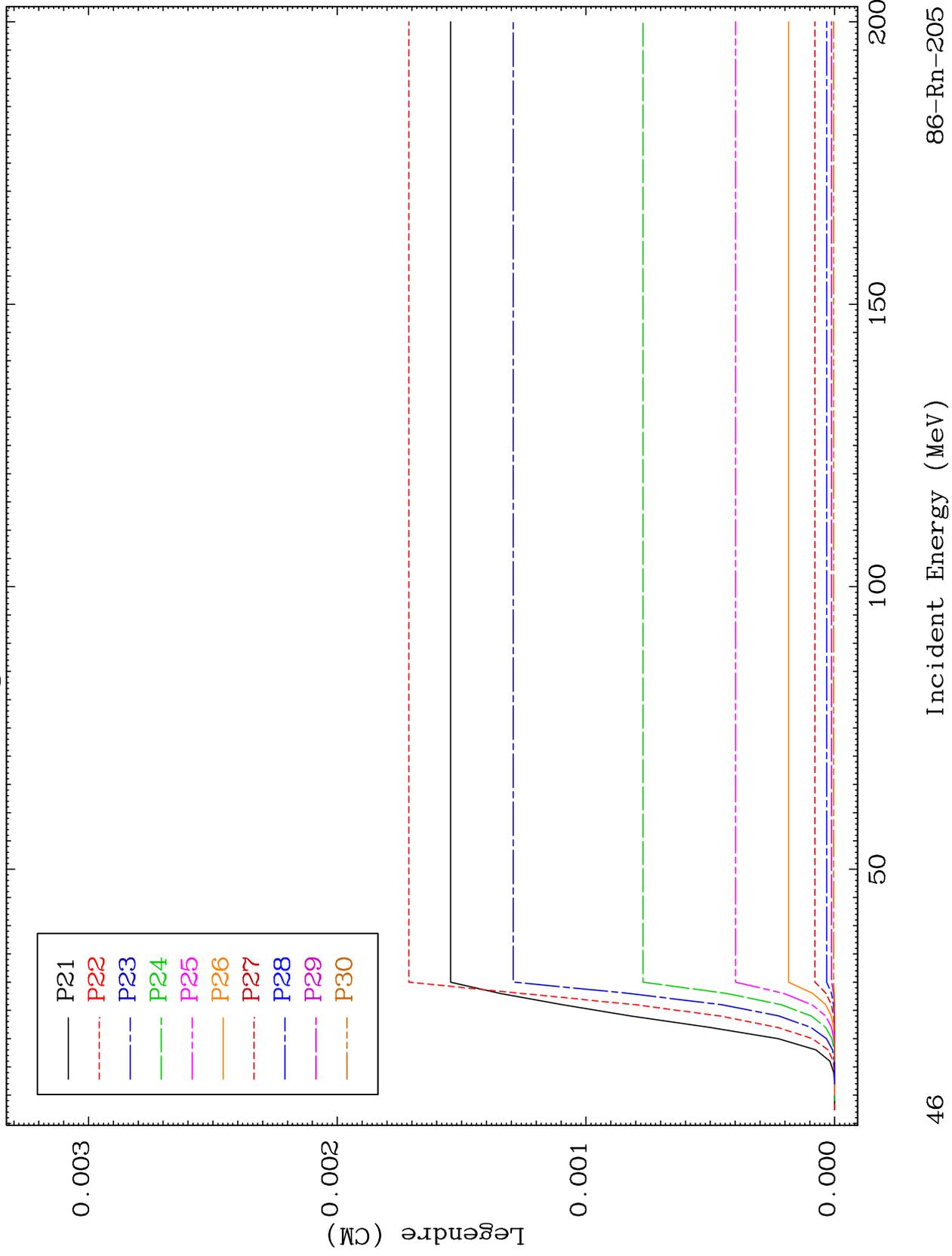
Incident Energy (MeV)

45

MAT 8607

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

86-Rn-205



46

Incident Energy (MeV)

86-Rn-205

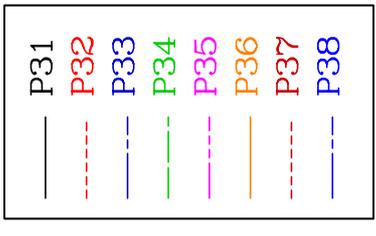
MAT 8607

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

86-Rn-205

$\times 10^{-6}$
1.5

Legendre (CM)



0.0

50

100

150

200

47

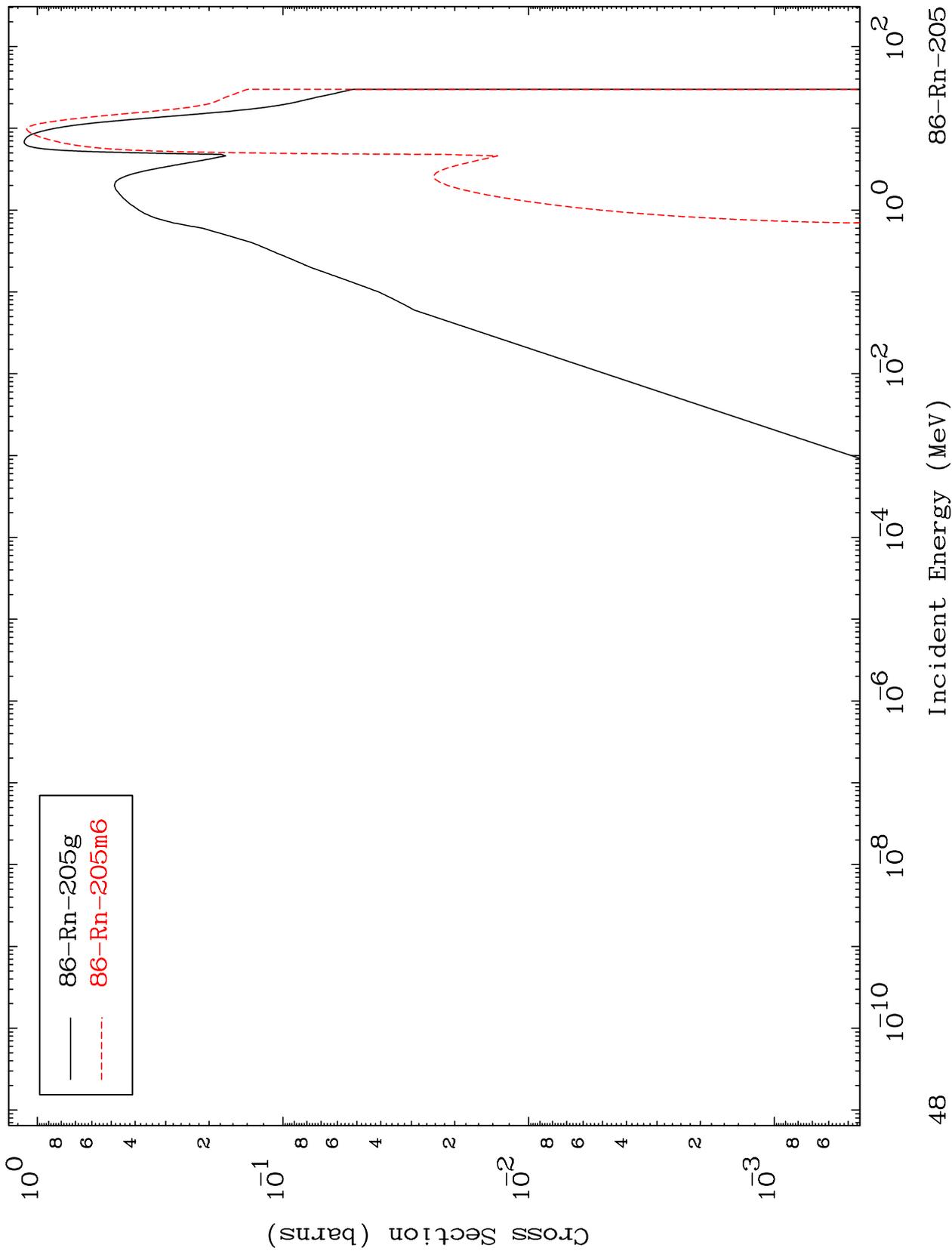
Incident Energy (MeV)

86-Rn-205

MAT 8607

Inelastic
Radionuclide Production Cross Section

86-Rn-205



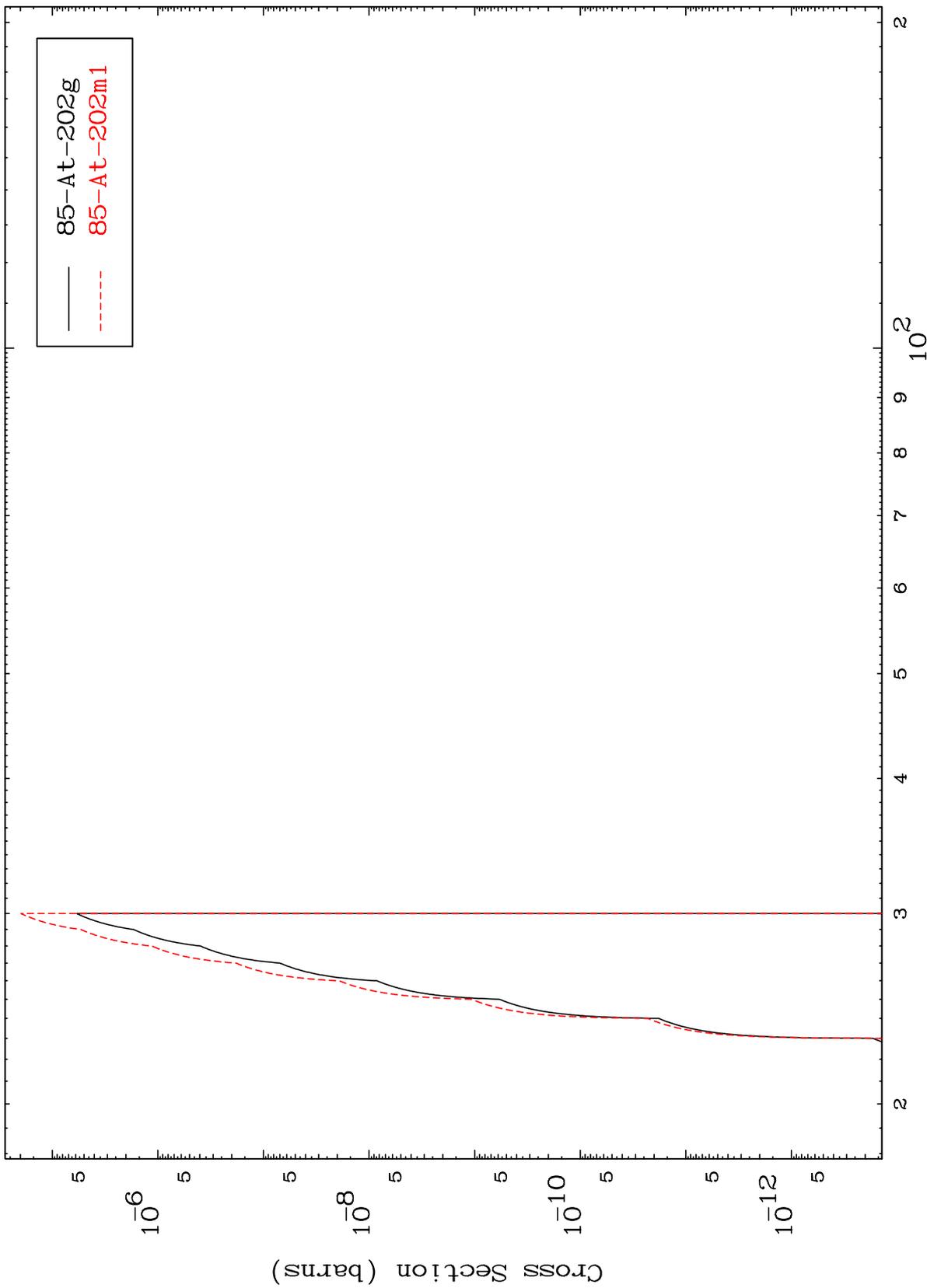
86-Rn-205g
86-Rn-205m6

MAT 8607

(n,2n) d

86-Rn-205

Radionuclide Production Cross Section



49

Incident Energy (MeV)

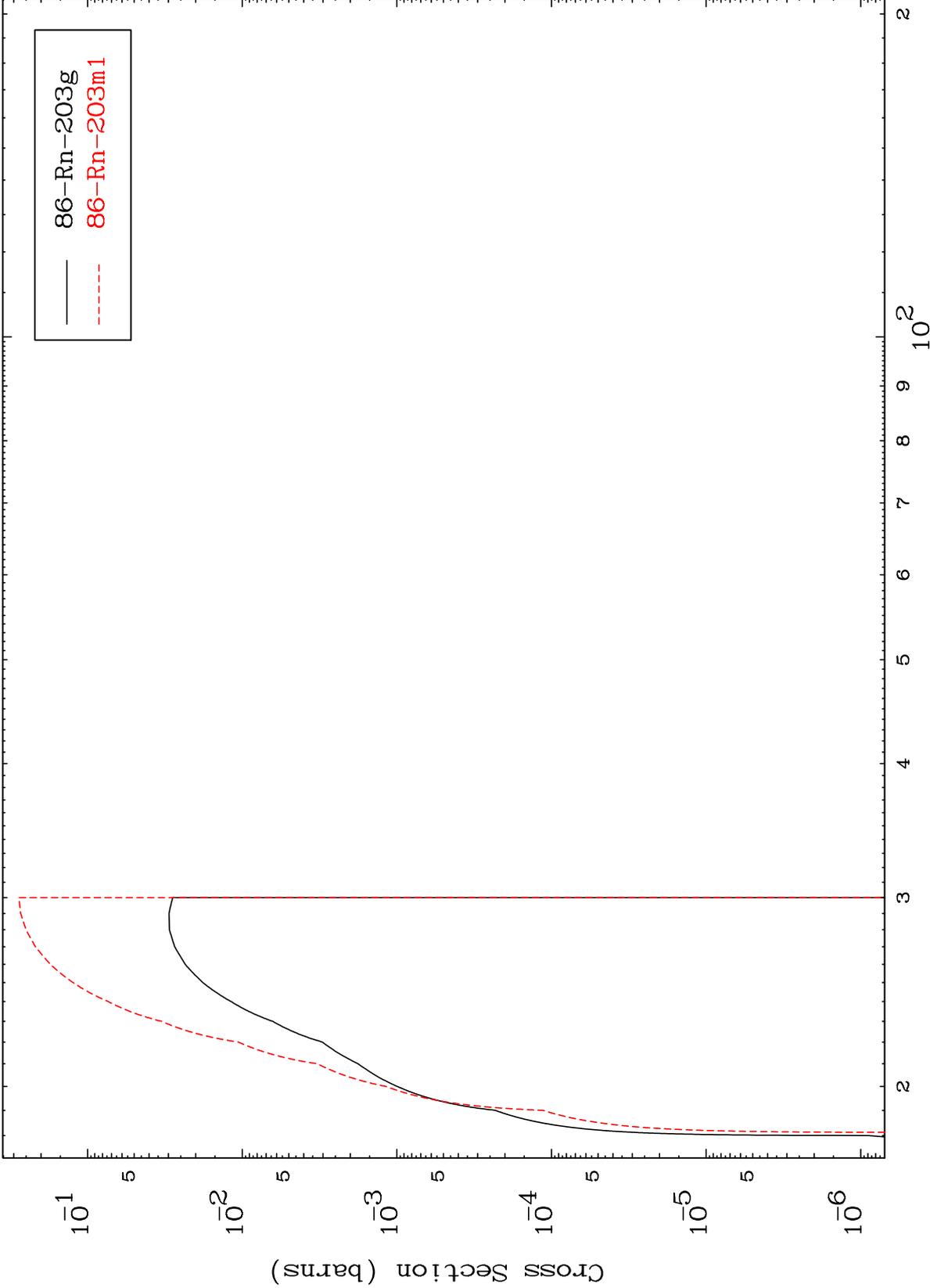
86-Rn-205

MAT 8607

(n,3n)

86-Rn-205

Radionuclide Production Cross Section



86-Rn-203g
86-Rn-203m1

50

Incident Energy (MeV)

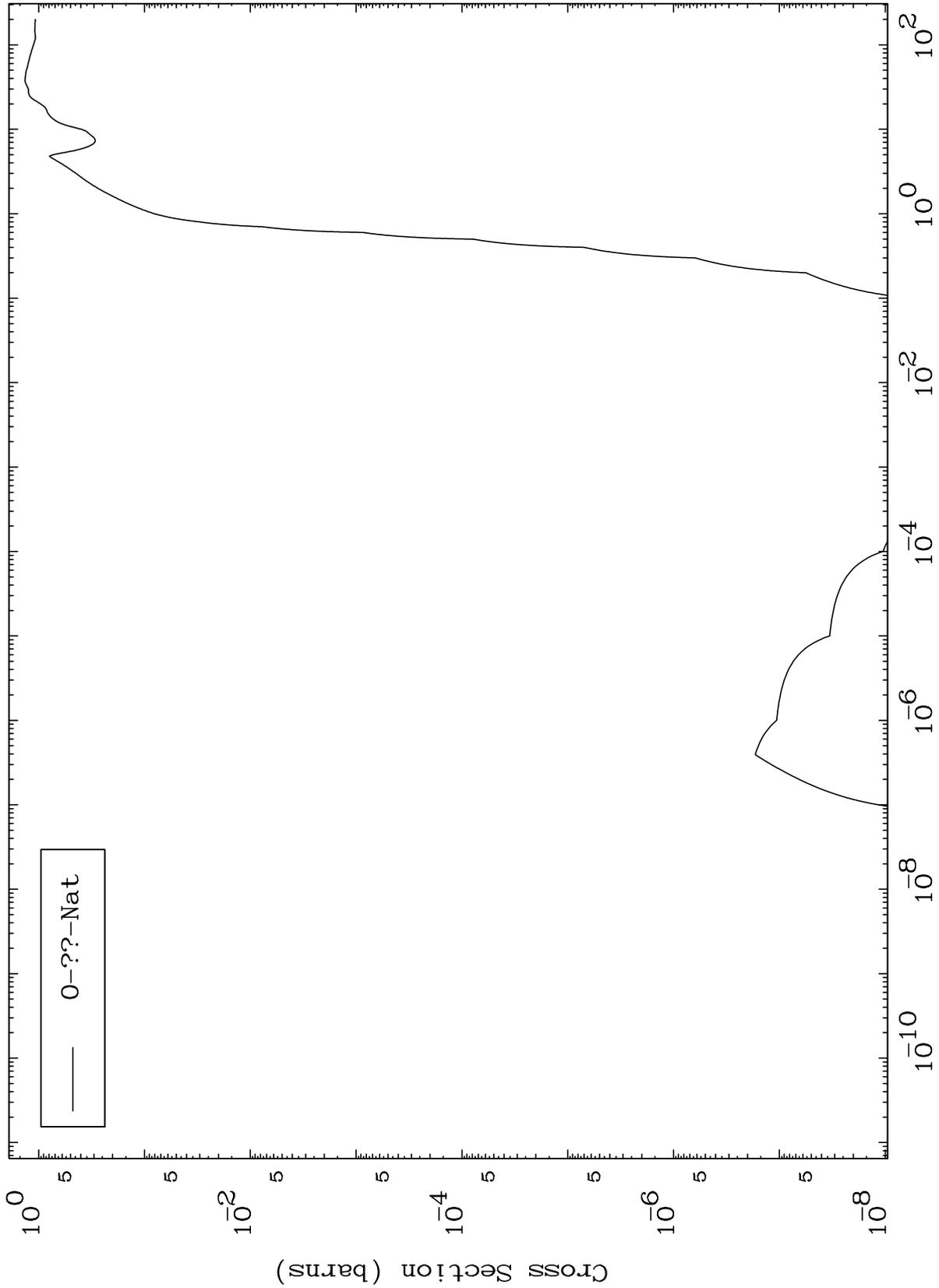
86-Rn-205

MAT 8607

Fission

86-Rn-205

Radionuclide Production Cross Section

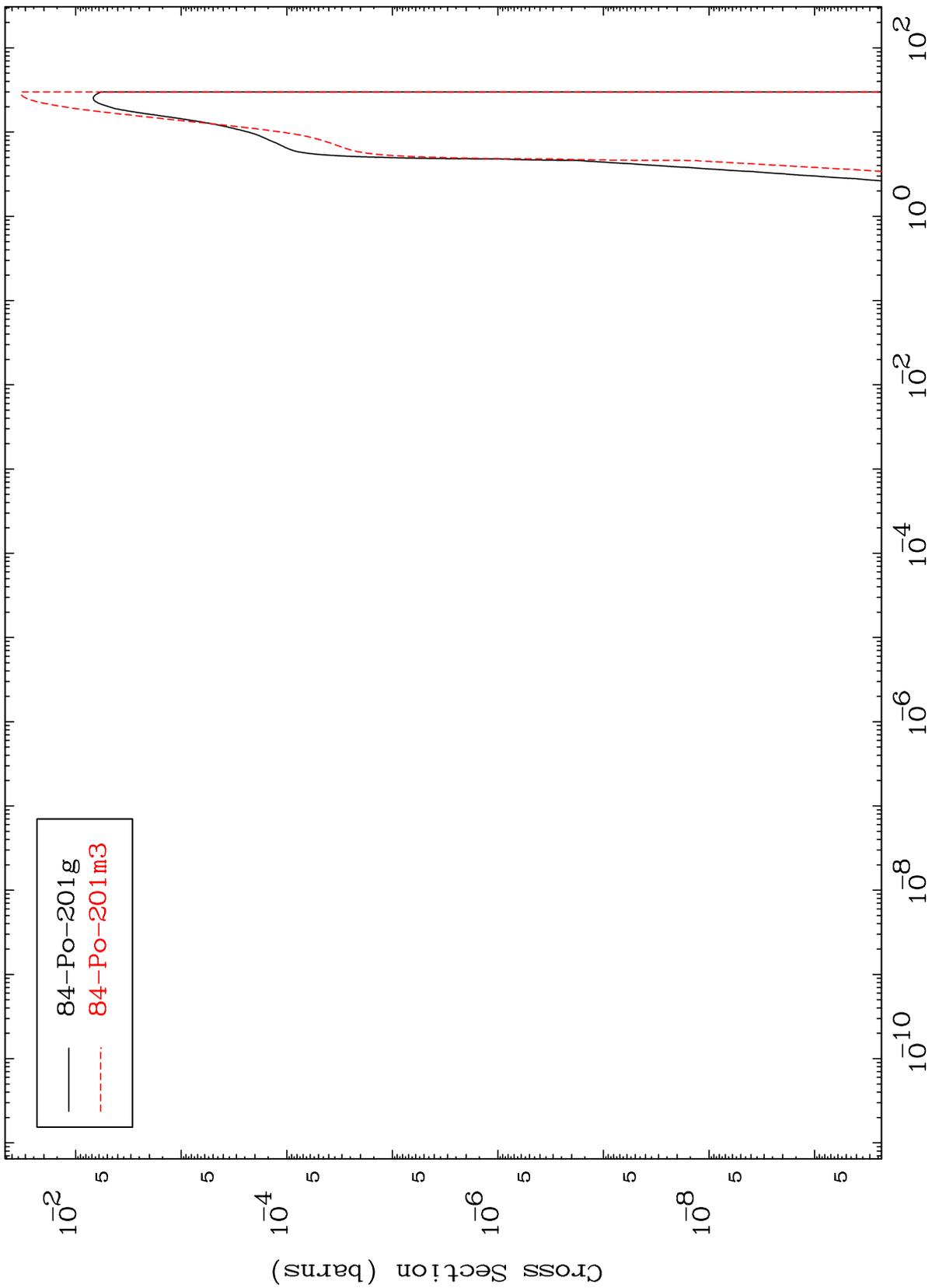


MAT 8607

(n,n') α

86-Rn-205

Radionuclide Production Cross Section



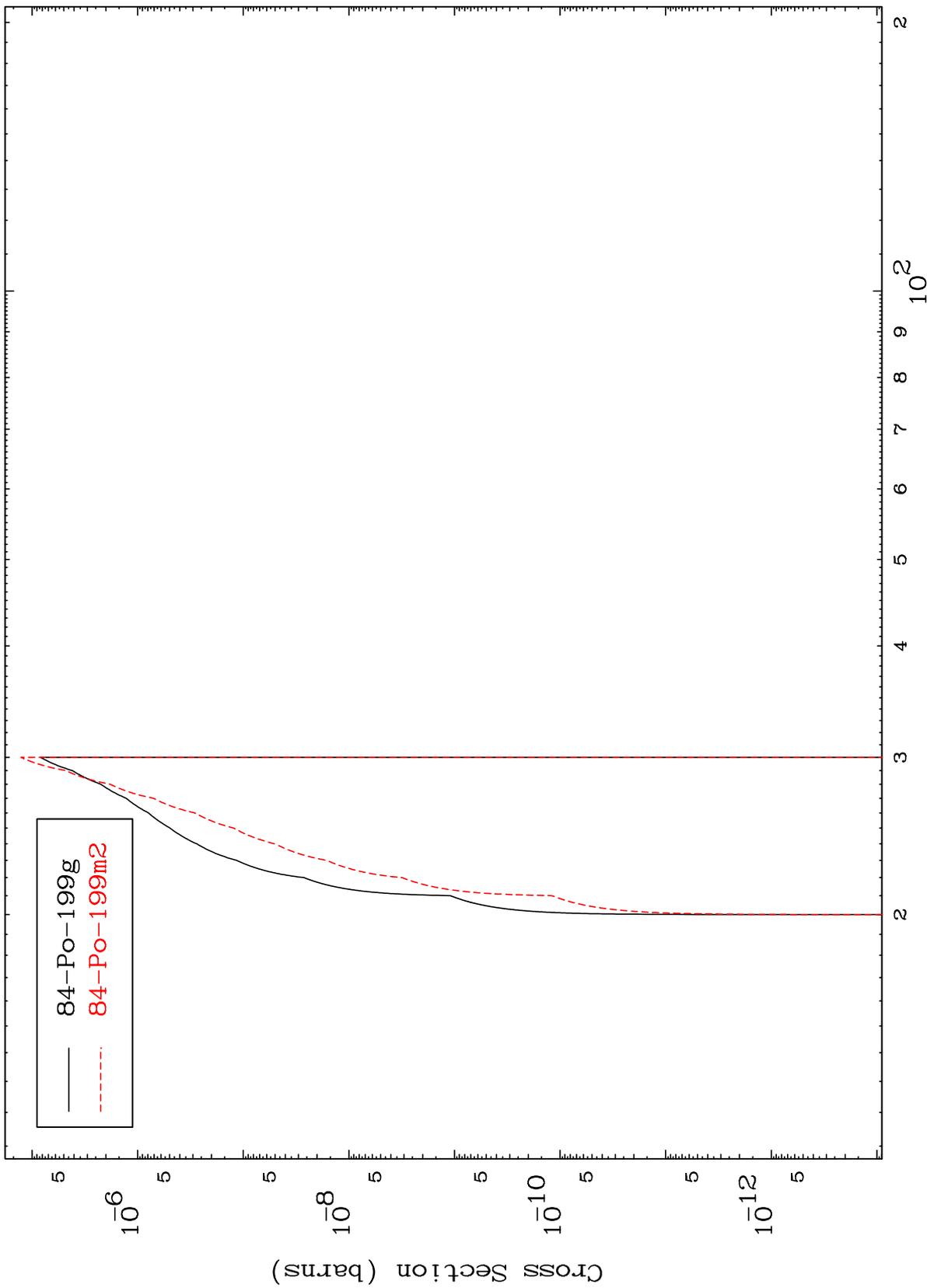
84-Po-201g
84-Po-201m3

MAT 8607

$(n,3n) \alpha$

86-Rn-205

Radionuclide Production Cross Section



Incident Energy (MeV)

86-Rn-205

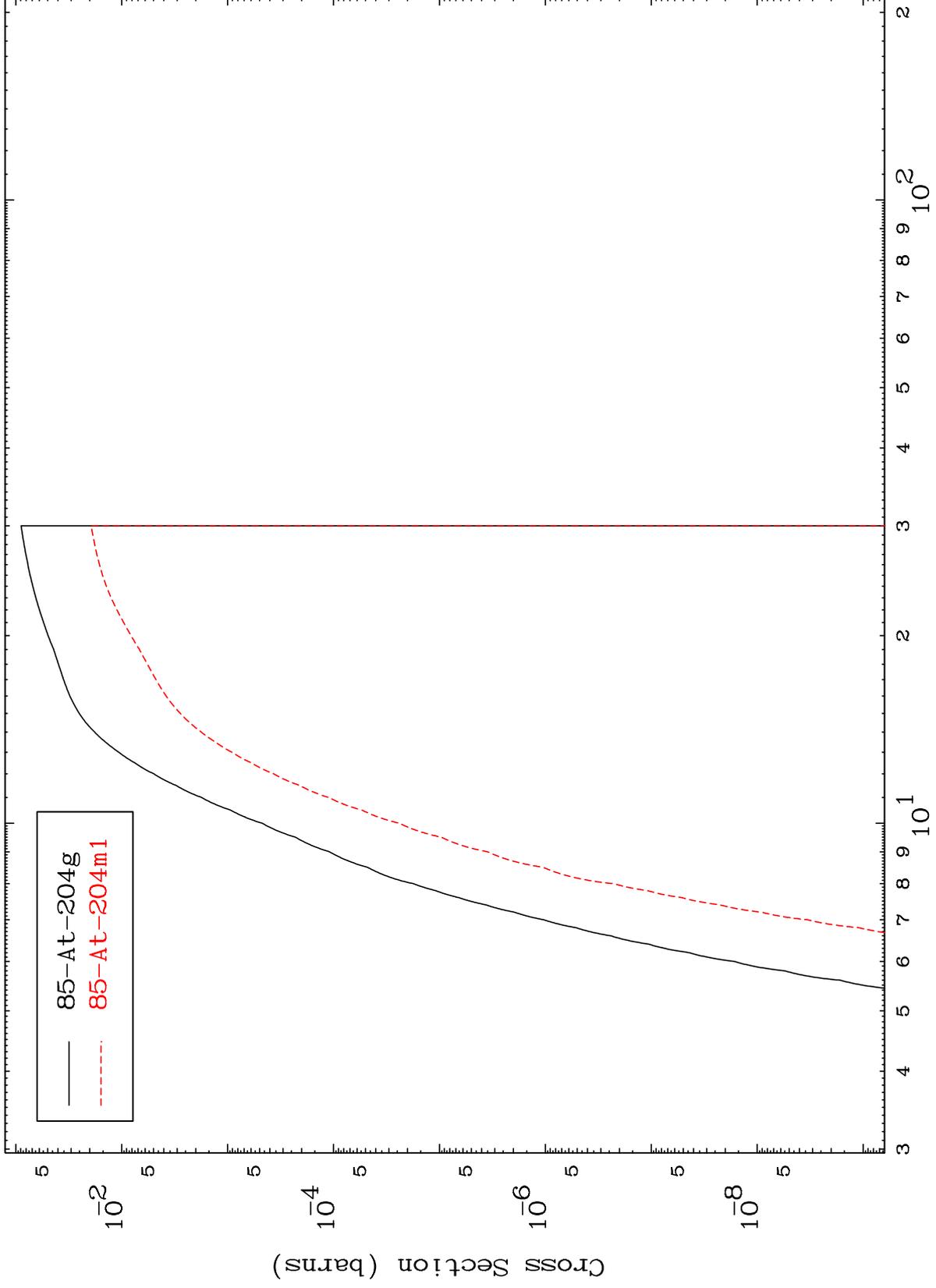
53

MAT 8607

(n,n') p

86-Rn-205

Radionuclide Production Cross Section



54

Incident Energy (MeV)

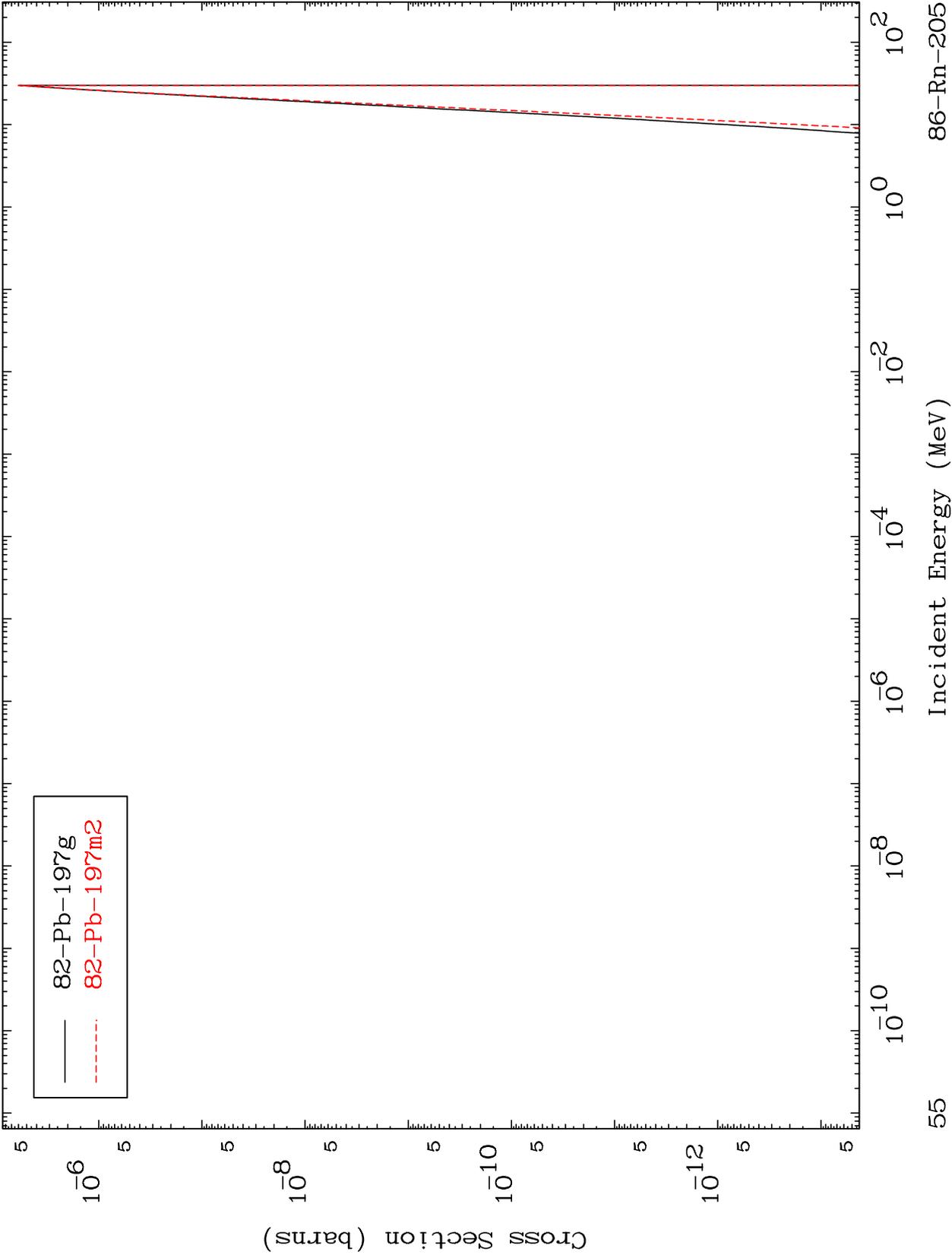
86-Rn-205

MAT 8607

(n,n') 2α

86-Rn-205

Radionuclide Production Cross Section



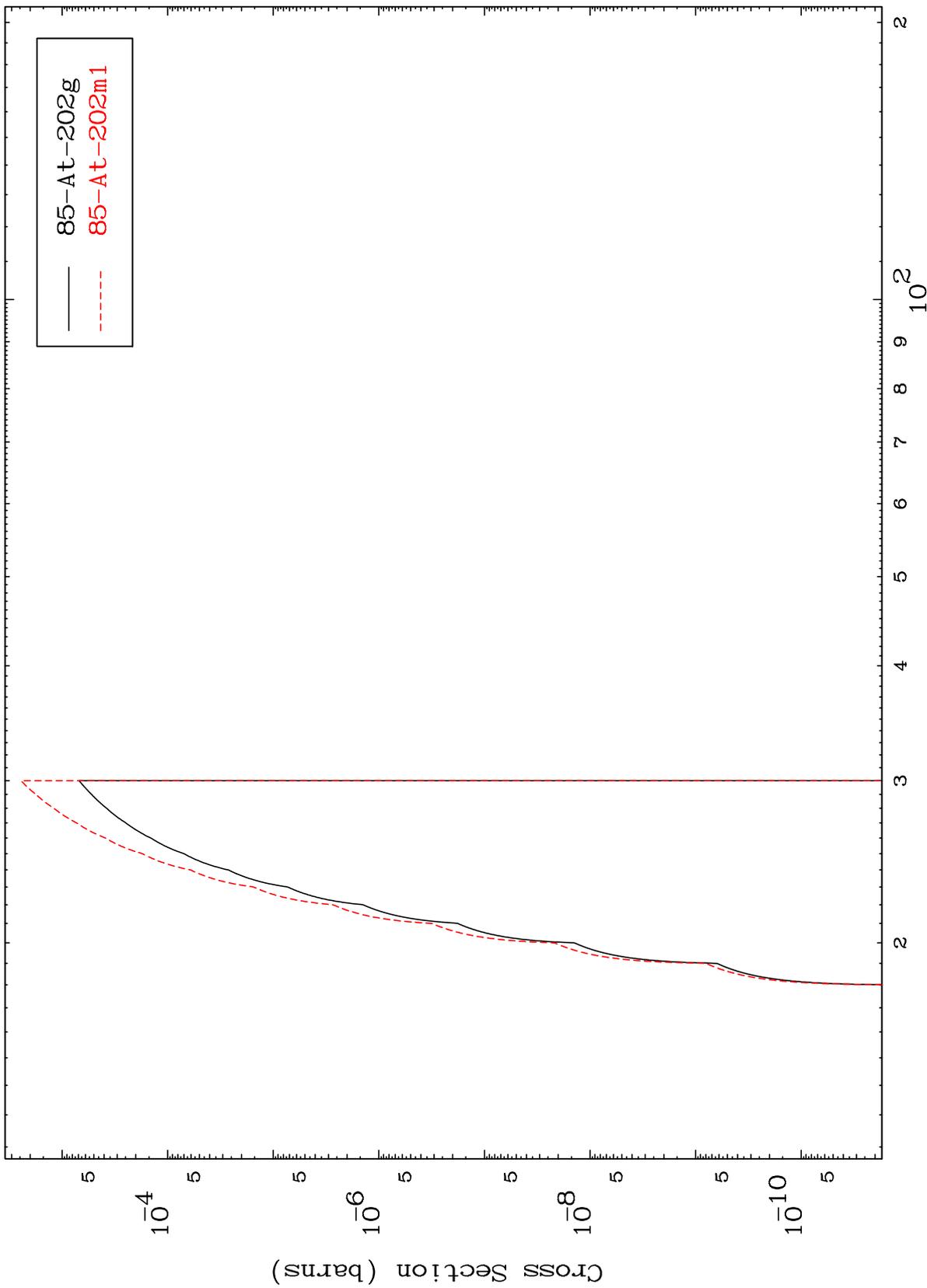
82-Pb-197g
82-Pb-197m2

MAT 8607

(n,n') t

86-Rn-205

Radionuclide Production Cross Section



56

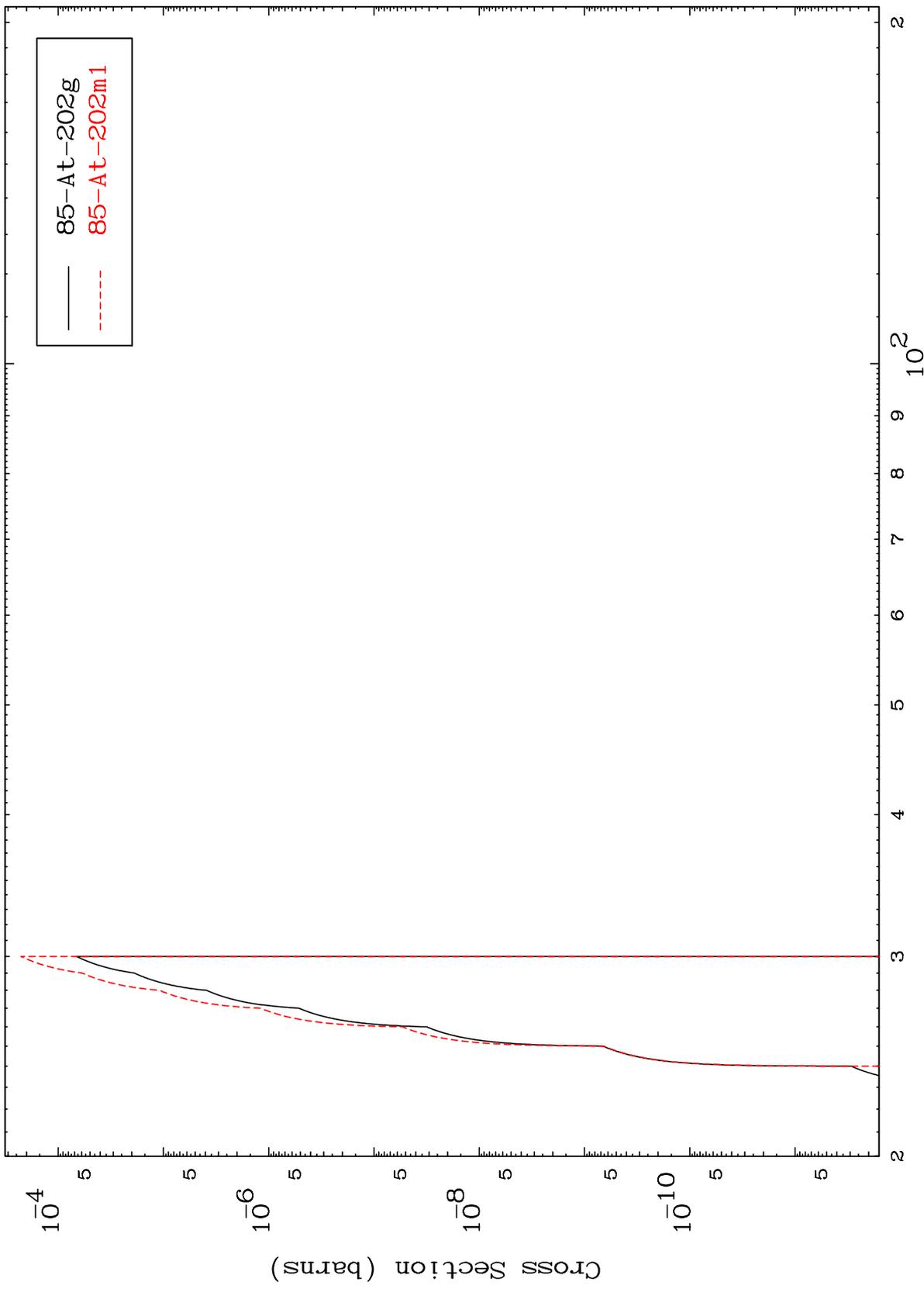
Incident Energy (MeV)

86-Rn-205

MAT 8607

86-Rn-205

(n,3n) p
Radionuclide Production Cross Section



57

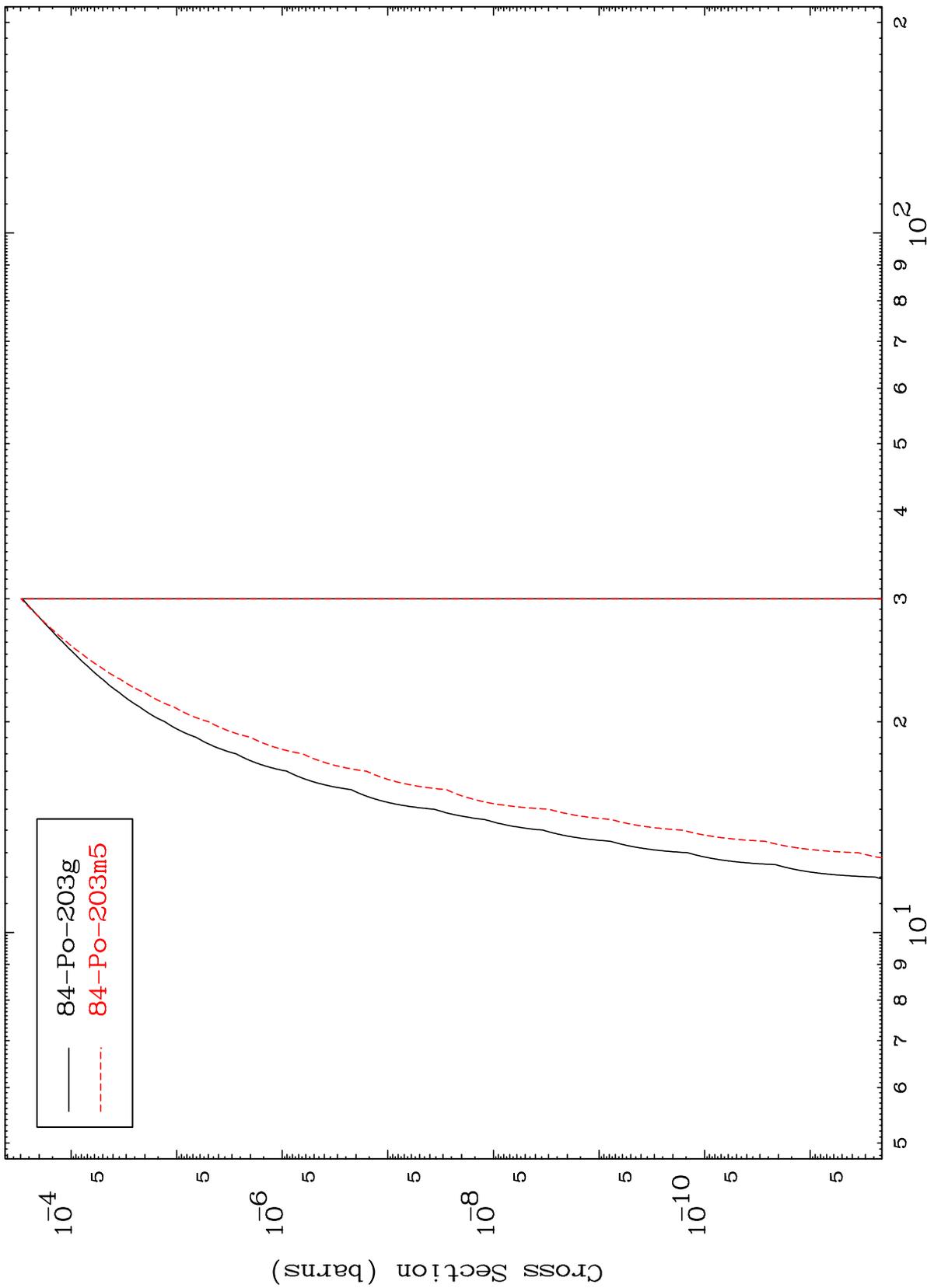
86-Rn-205

MAT 8607

(n,2n) p

86-Rn-205

Radionuclide Production Cross Section



58

Incident Energy (MeV)

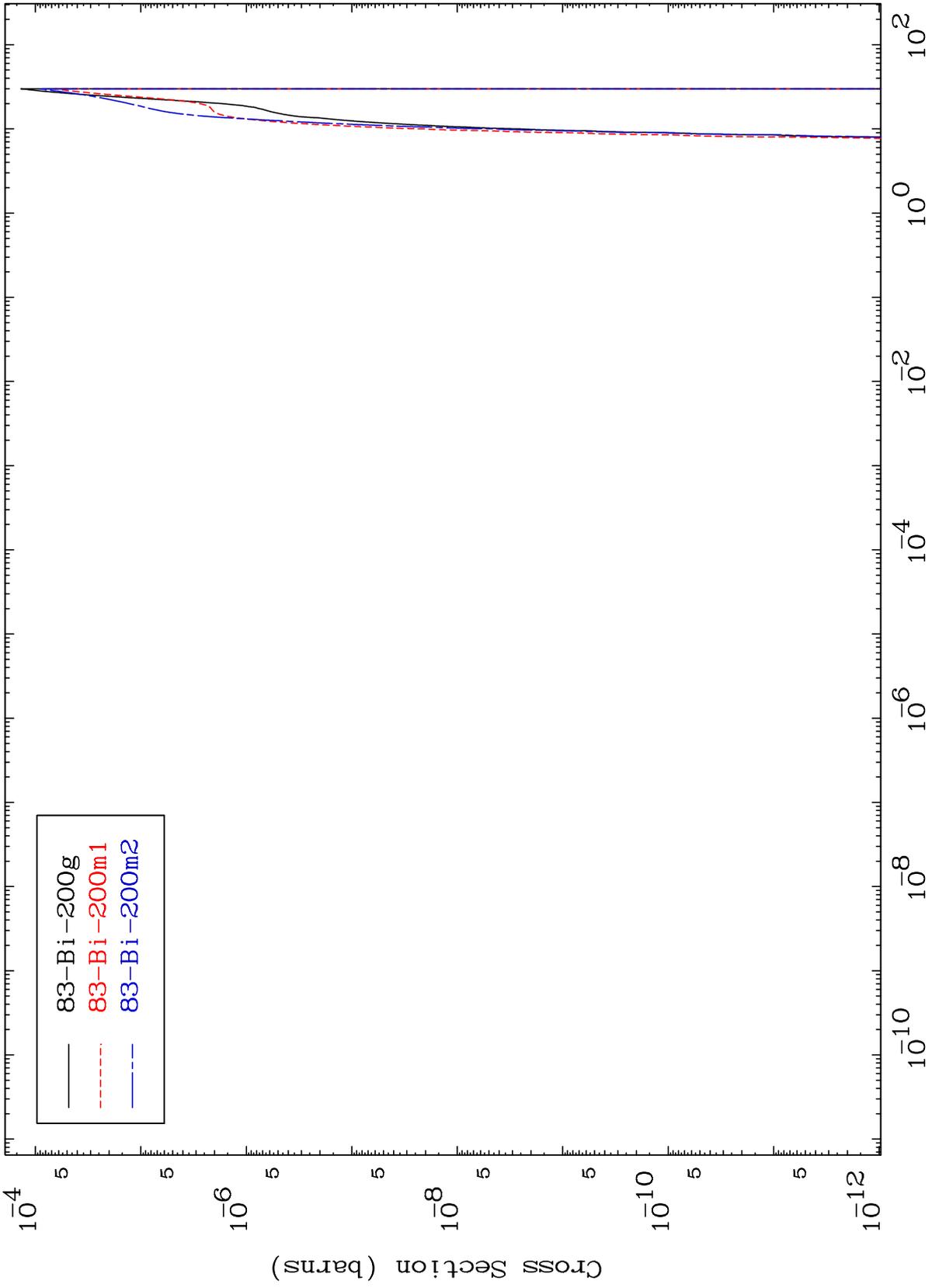
86-Rn-205

MAT 8607

(n,n') p α

86-Rn-205

Radionuclide Production Cross Section



59

Incident Energy (MeV)

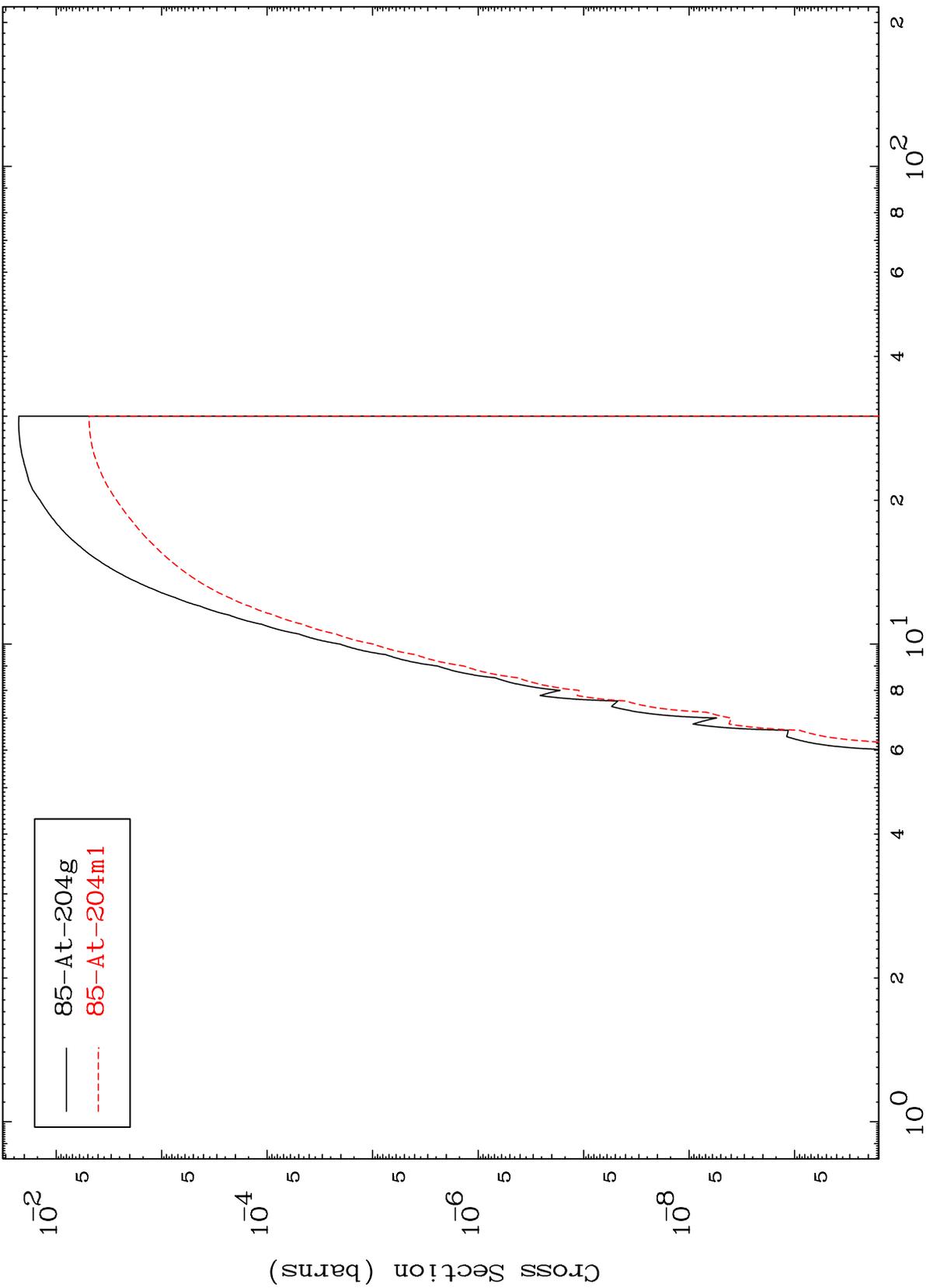
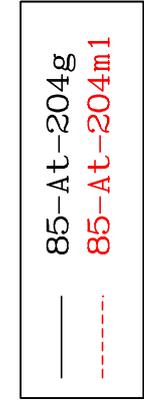
86-Rn-205

MAT 8607

(n,d)

86-Rn-205

Radionuclide Production Cross Section



Incident Energy (MeV)

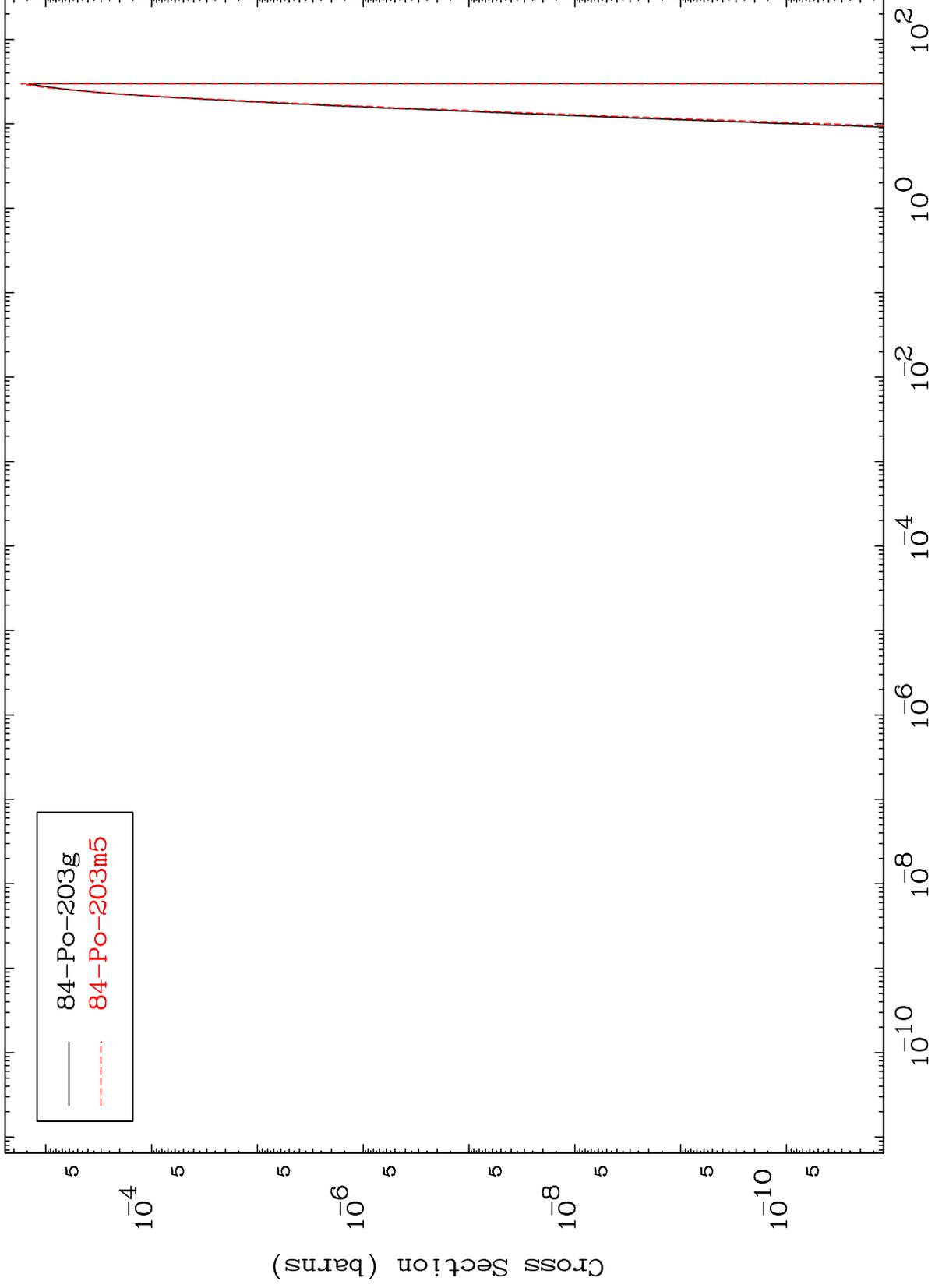
86-Rn-205

MAT 8607

(n,He-3)

86-Rn-205

Radionuclide Production Cross Section



61

Incident Energy (MeV)

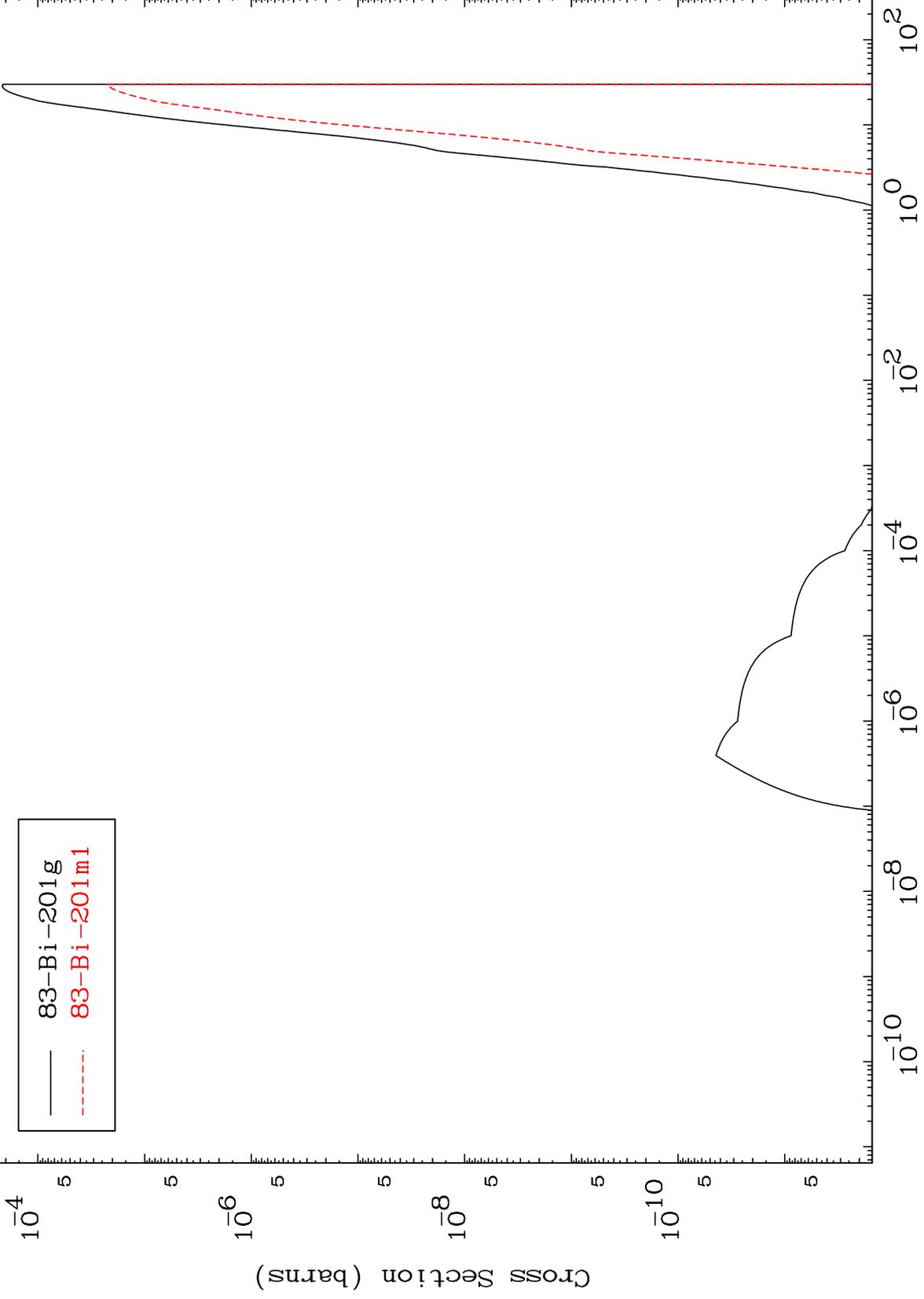
86-Rn-205

MAT 8607

(n,p) α

86-Rn-205

Radionuclide Production Cross Section



62

Incident Energy (MeV)

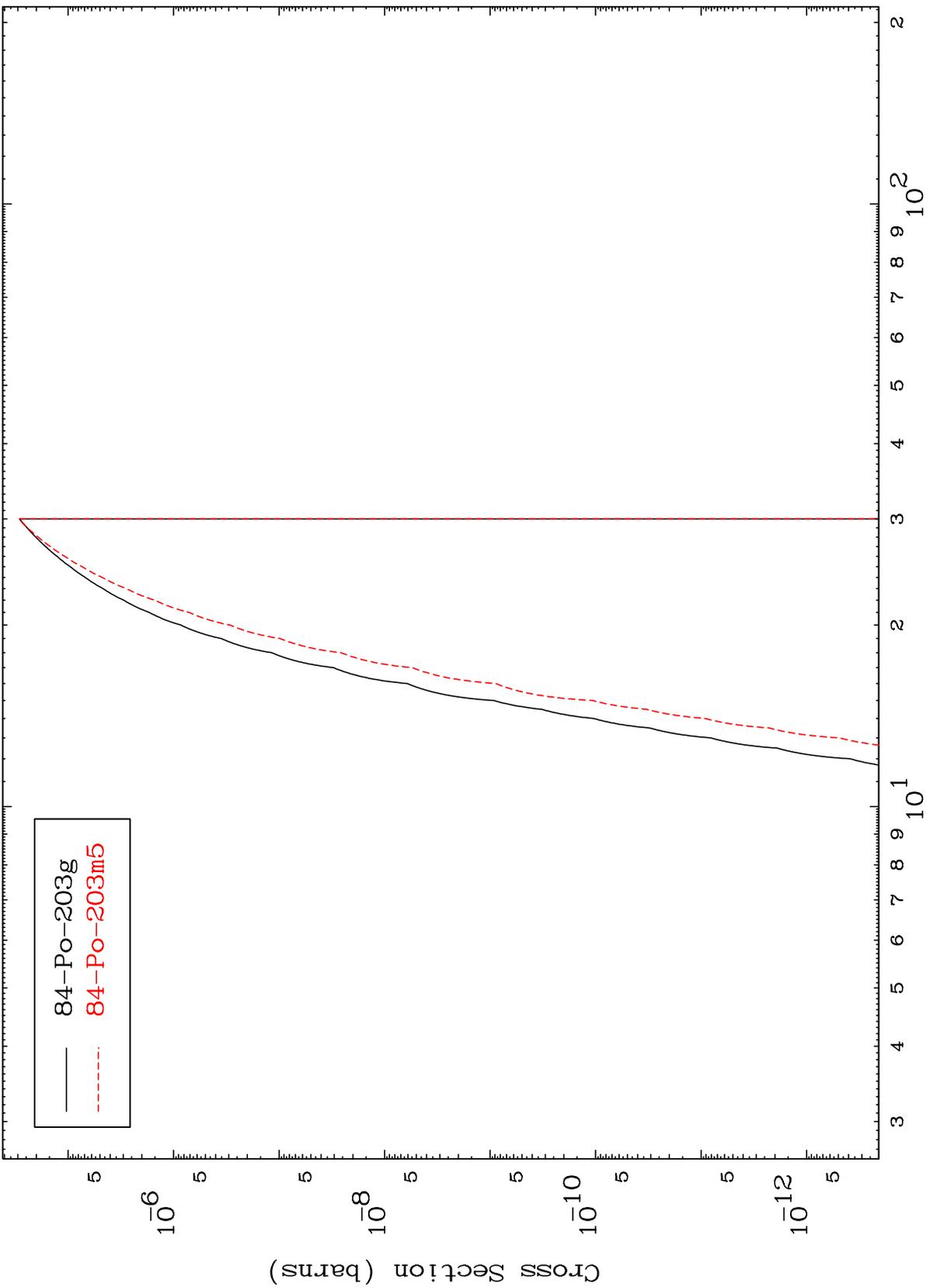
86-Rn-205

MAT 8607

(n,p) d

86-Rn-205

Radionuclide Production Cross Section



63

Incident Energy (MeV)

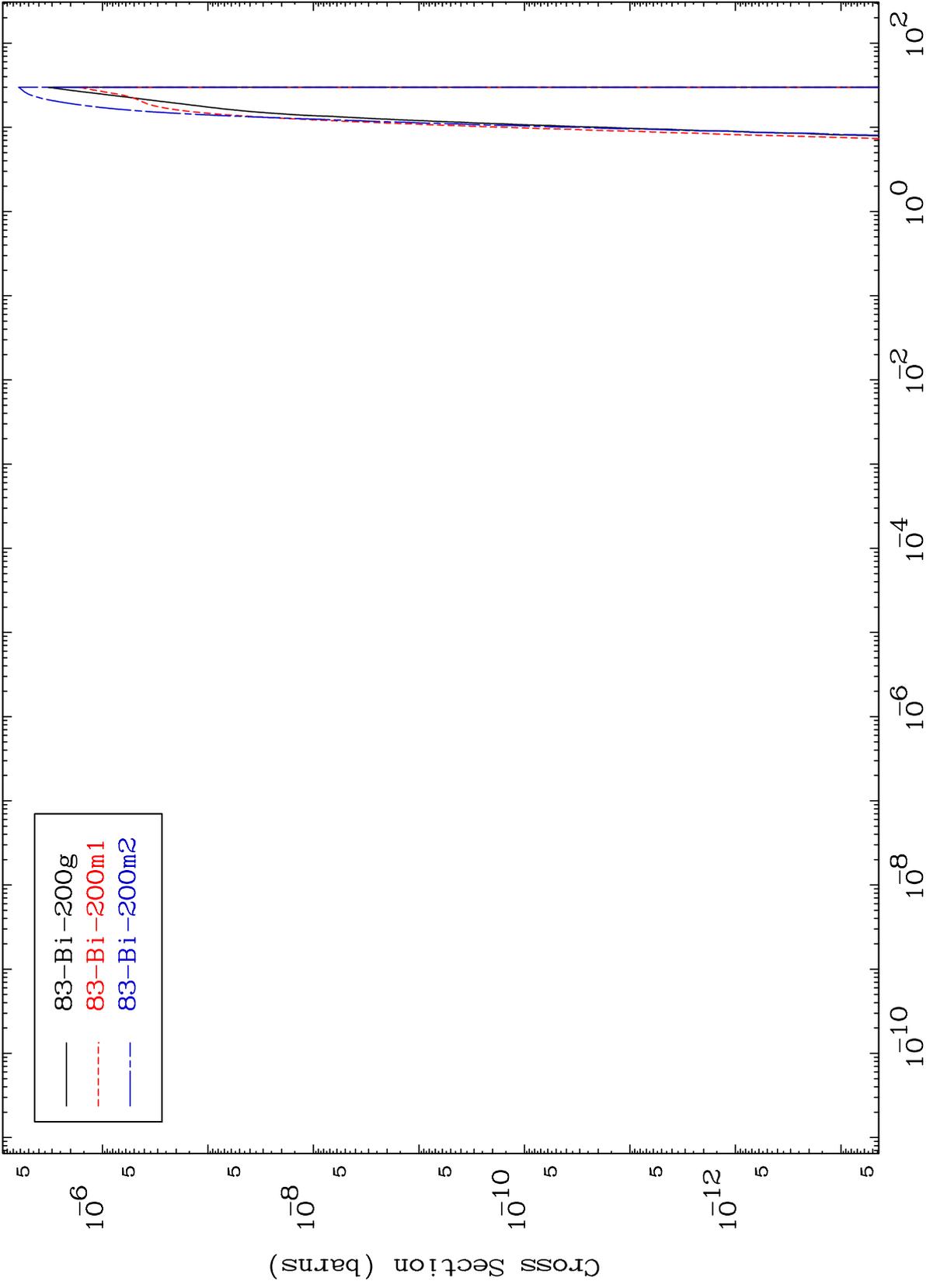
86-Rn-205

MAT 8607

(n,d) α

86-Rn-205

Radionuclide Production Cross Section



64

Incident Energy (MeV)

86-Rn-205