

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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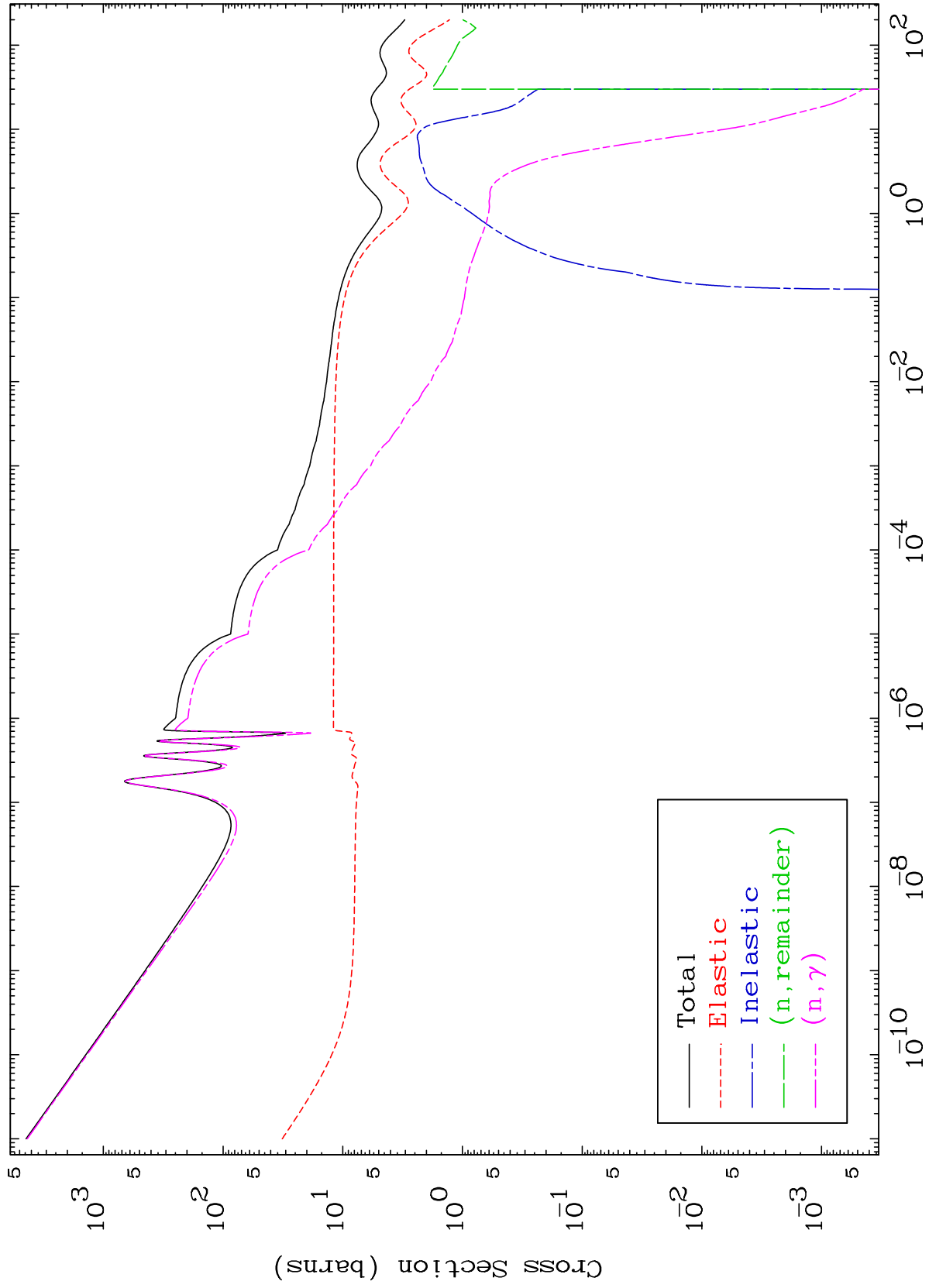
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8783

Major  
293 Kelvin Cross Sections

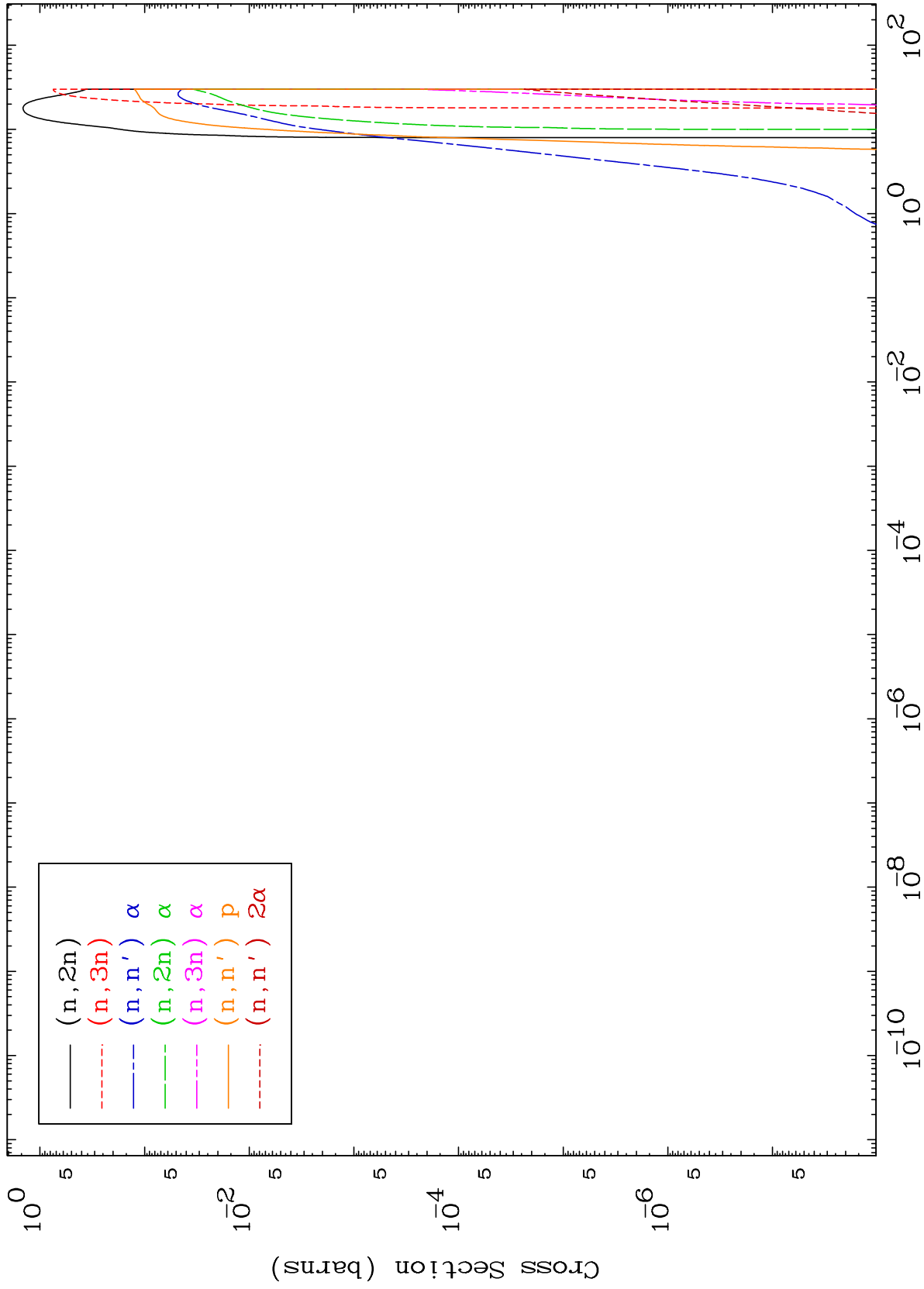
88-Ra-209



MAT 8783

Neutron Production  
293 Kelvin Cross Sections

88-Ra-209



2

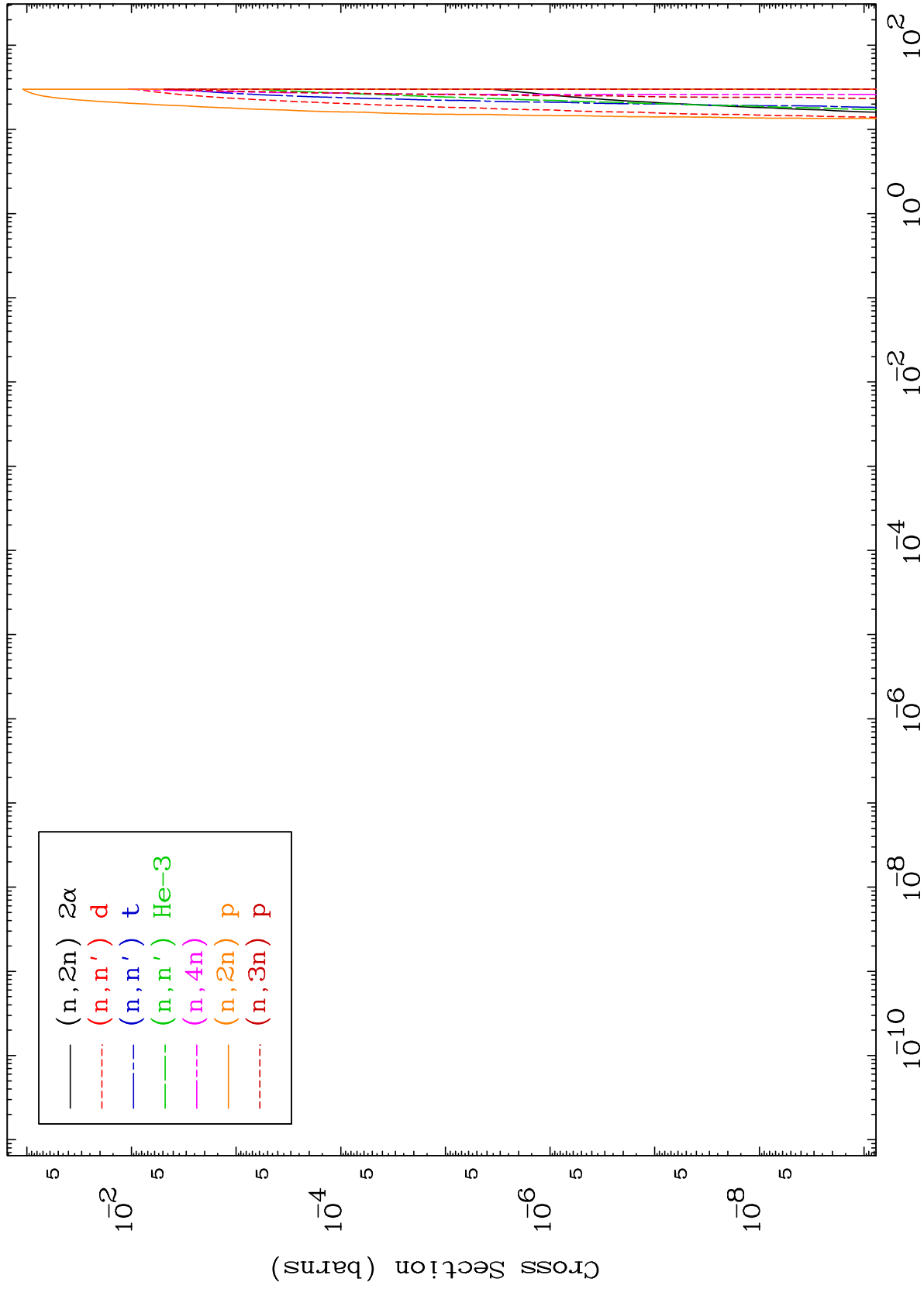
Incident Energy (MeV)

88-Ra-209

MAT 8783

Neutron Production  
293 Kelvin Cross Sections

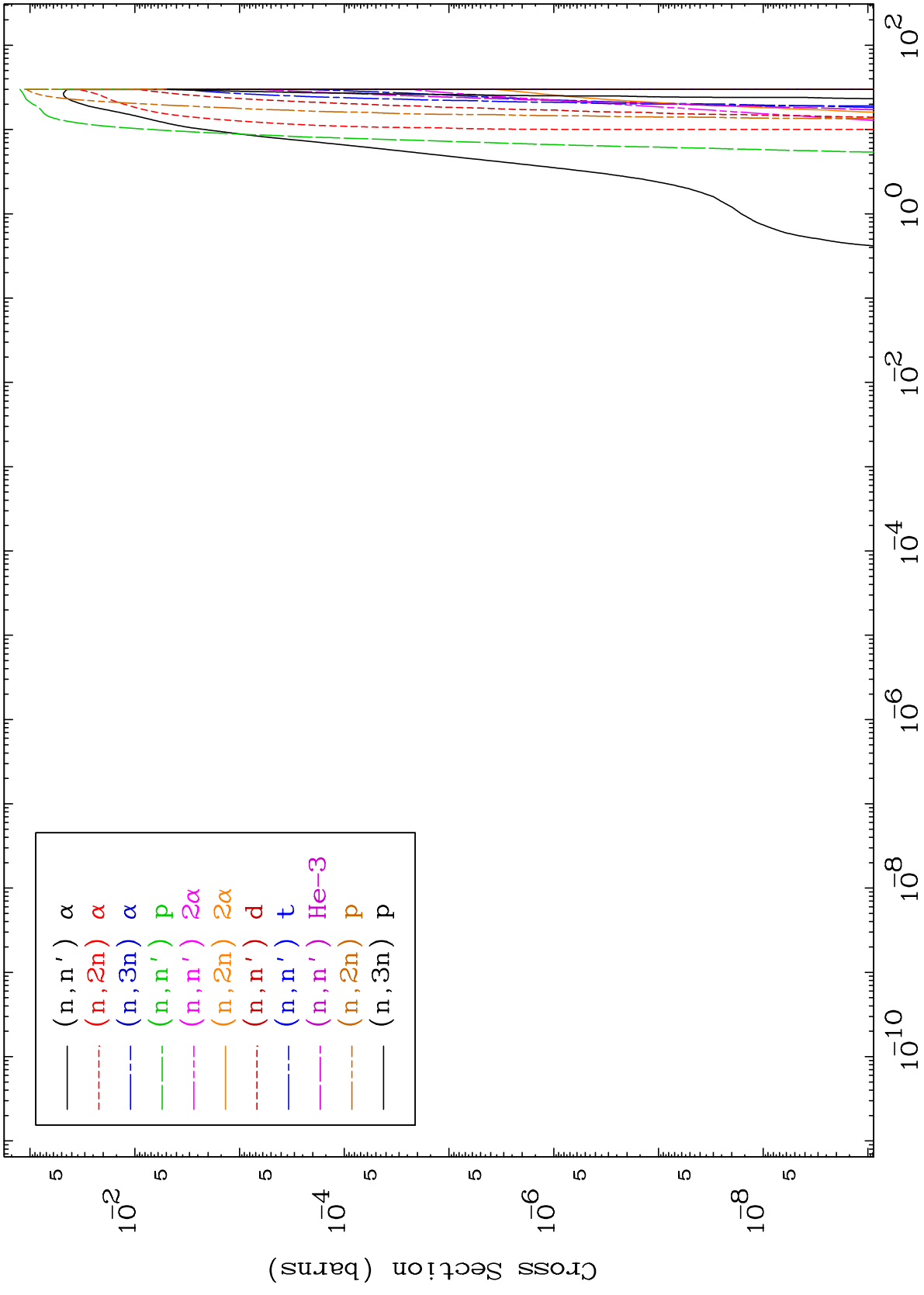
88-Ra-209



MAT 8783

Charged Particle  
293 Kelvin Cross Sections

88-Ra-209



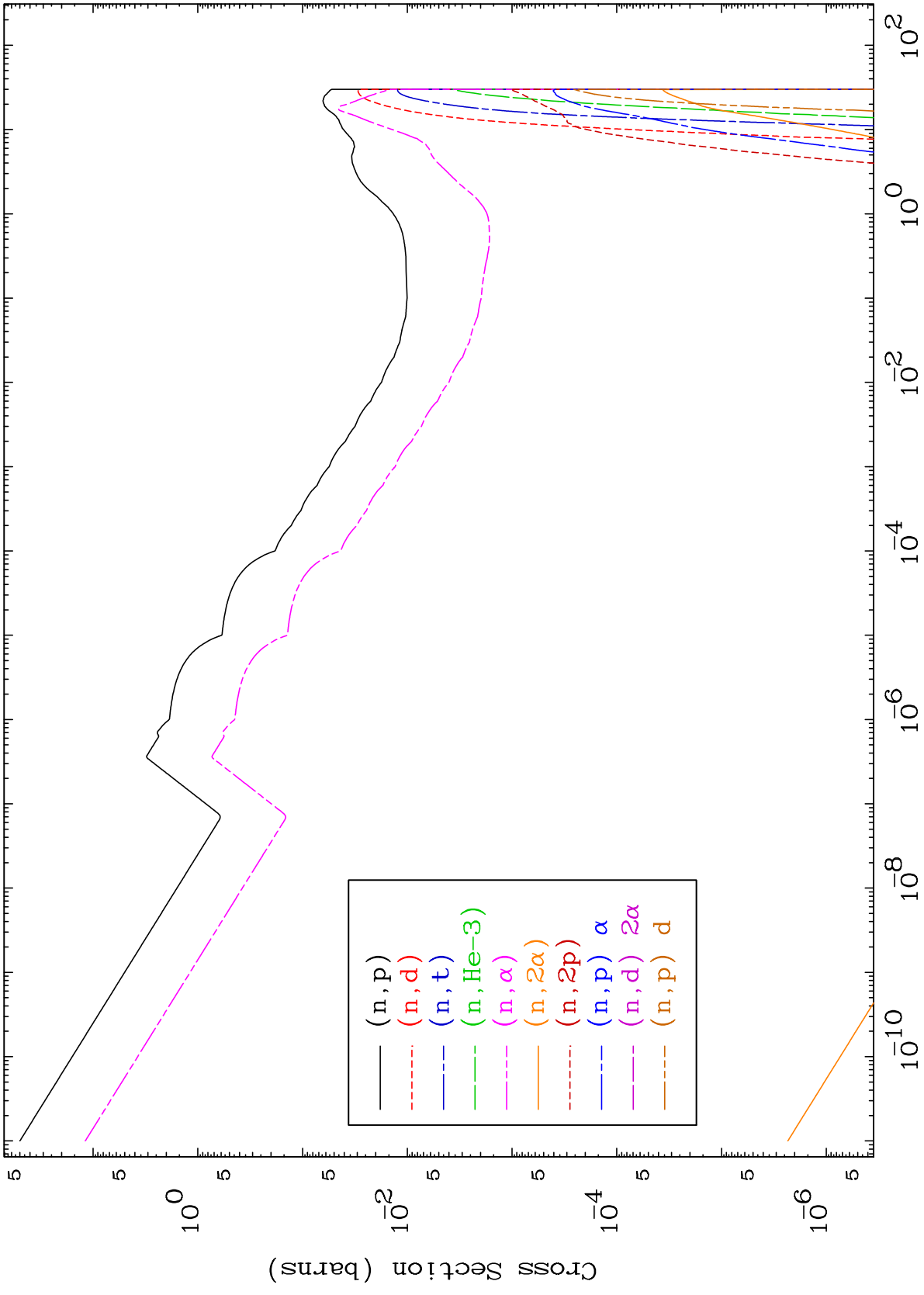
88-Ra-209

Incident Energy (MeV)

MAT 8783

293 Kelvin Cross Sections

88-Ra-209



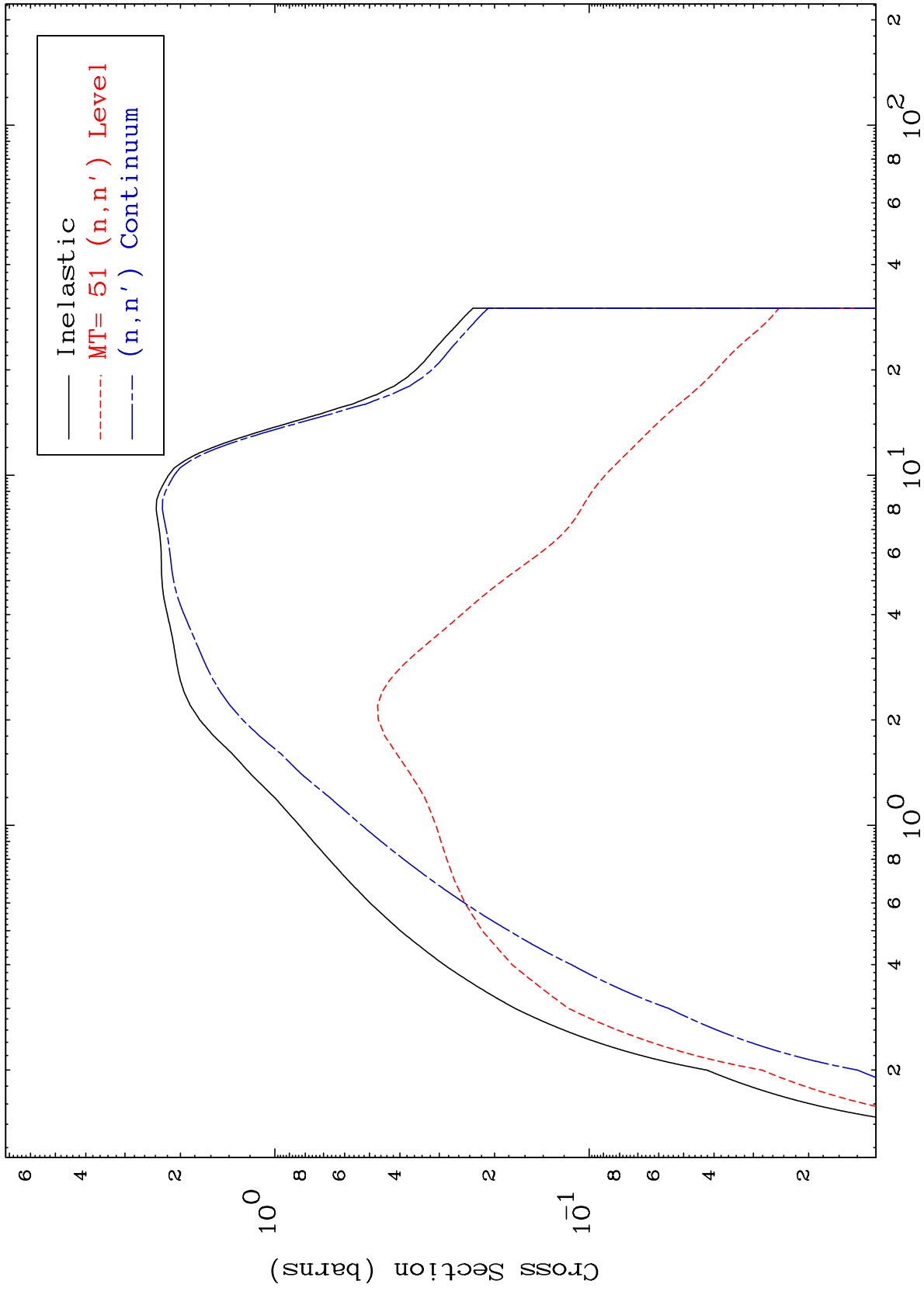
5

88-Ra-209

MAT 8783

(n,n') Level  
293 Kelvin Cross Sections

88-Ra-209



6

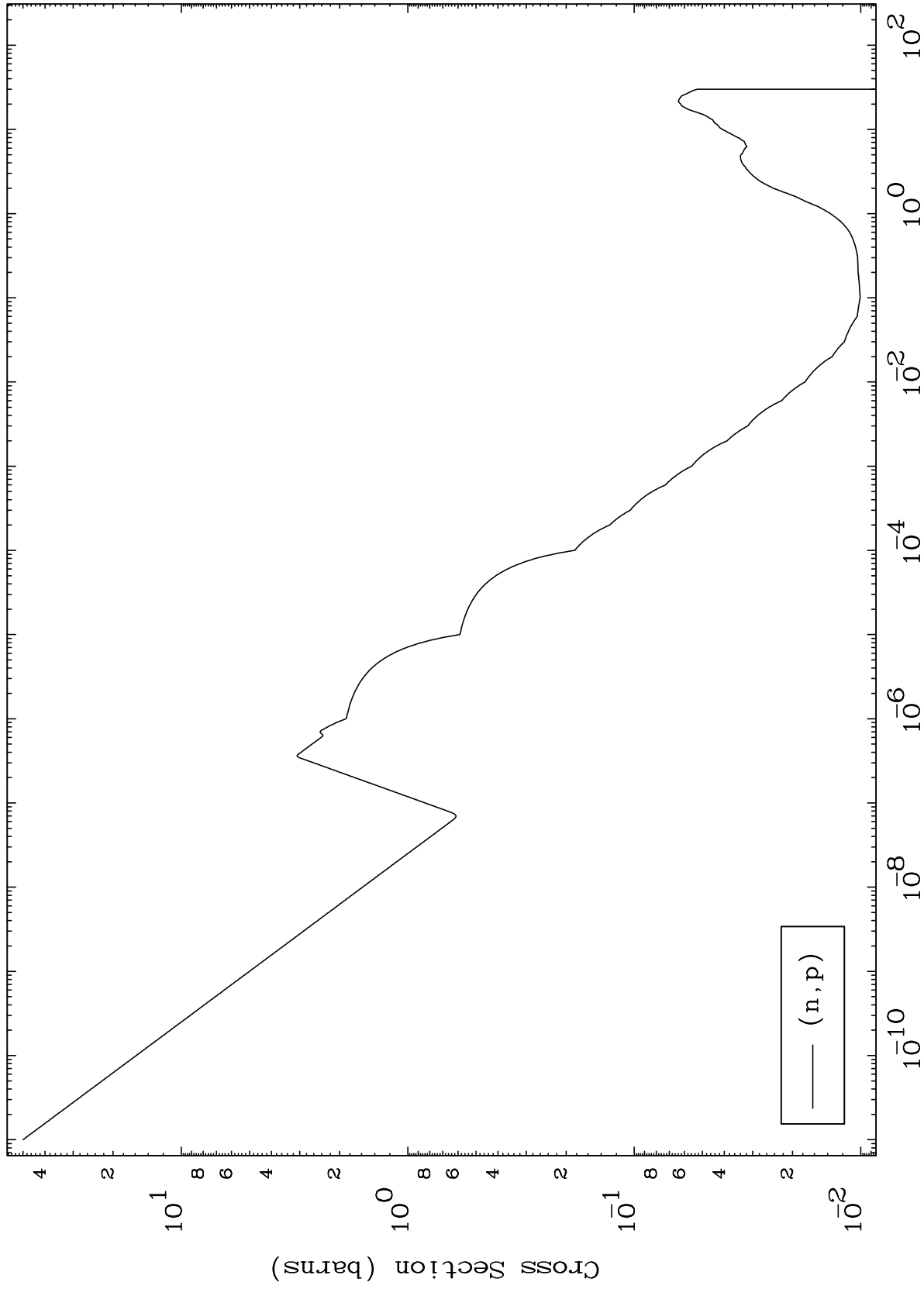
Incident Energy (MeV)

88-Ra-209

MAT 8783

(n,p) Levels  
293 Kelvin Cross Sections

88-Ra-209



7

Incident Energy (MeV)

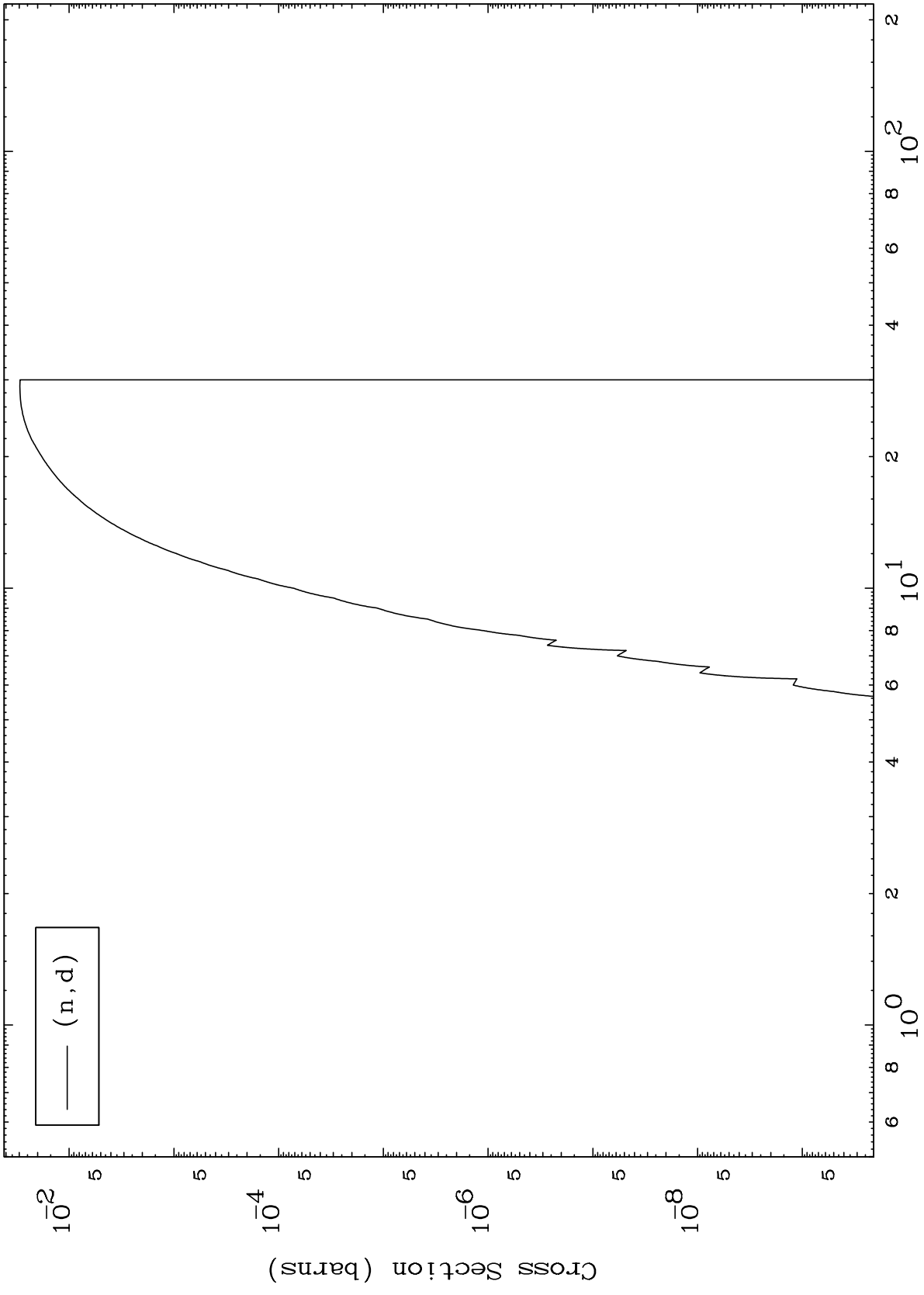
88-Ra-209



MAT 8783

(n,d) Levels  
293 Kelvin Cross Sections

88-Ra-209



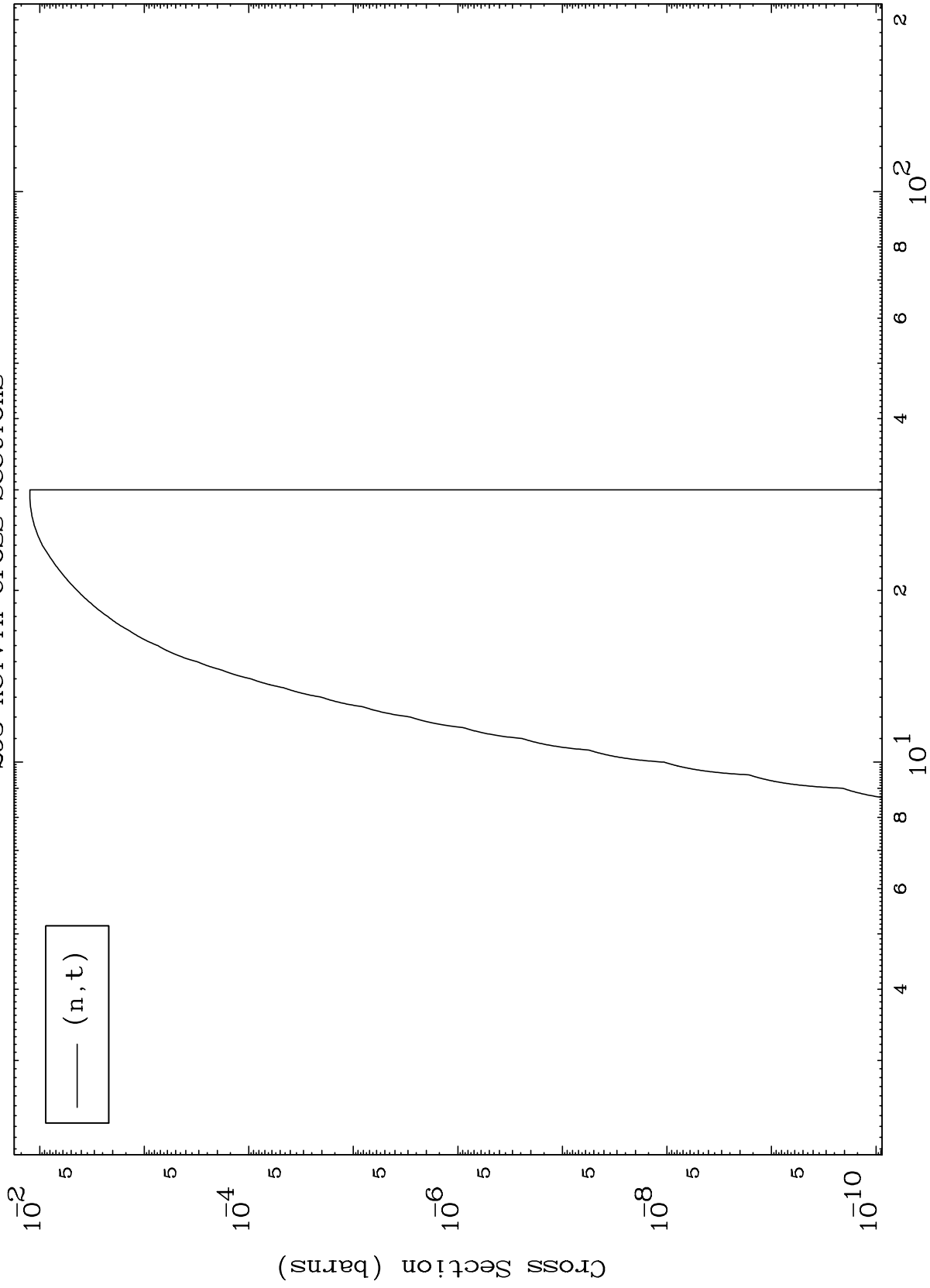
8

88-Ra-209

MAT 8783

(n,t) Levels  
293 Kelvin Cross Sections

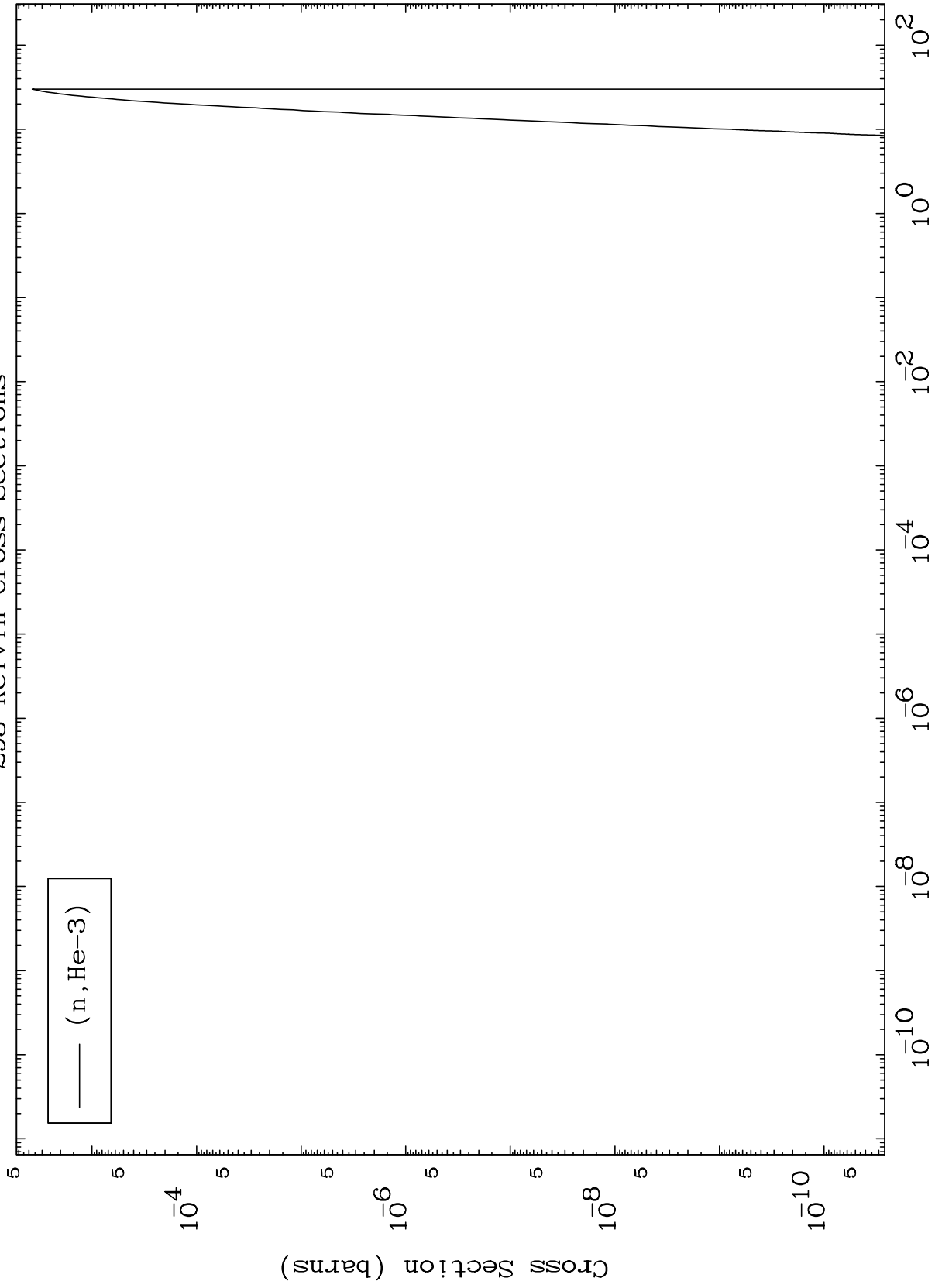
88-Ra-209



MAT 8783

(n,He3) Levels  
293 Kelvin Cross Sections

88-Ra-209



10

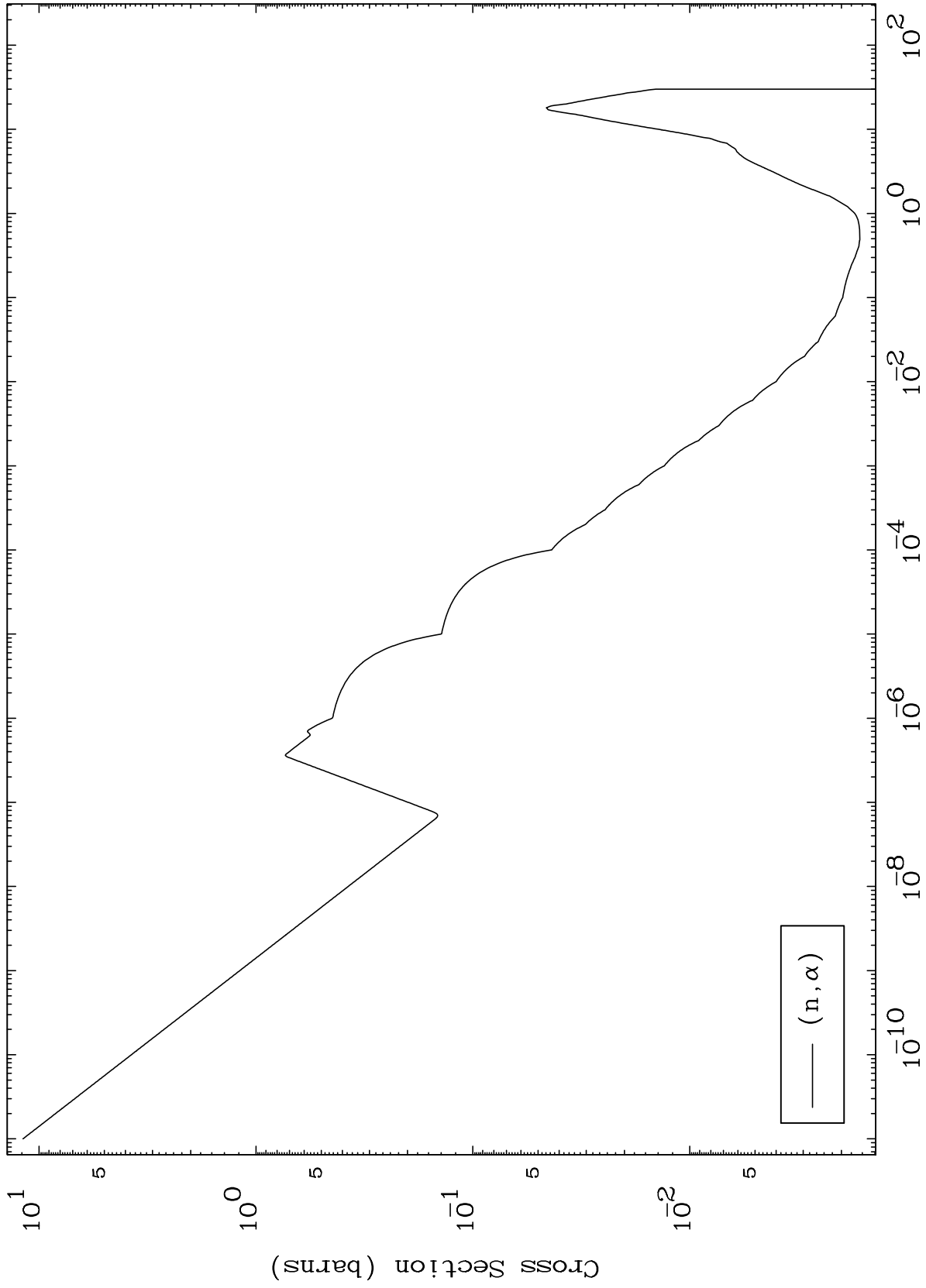
Incident Energy (MeV)

88-Ra-209

MAT 8783

(n,α) Levels  
293 Kelvin Cross Sections

88-Ra-209



11

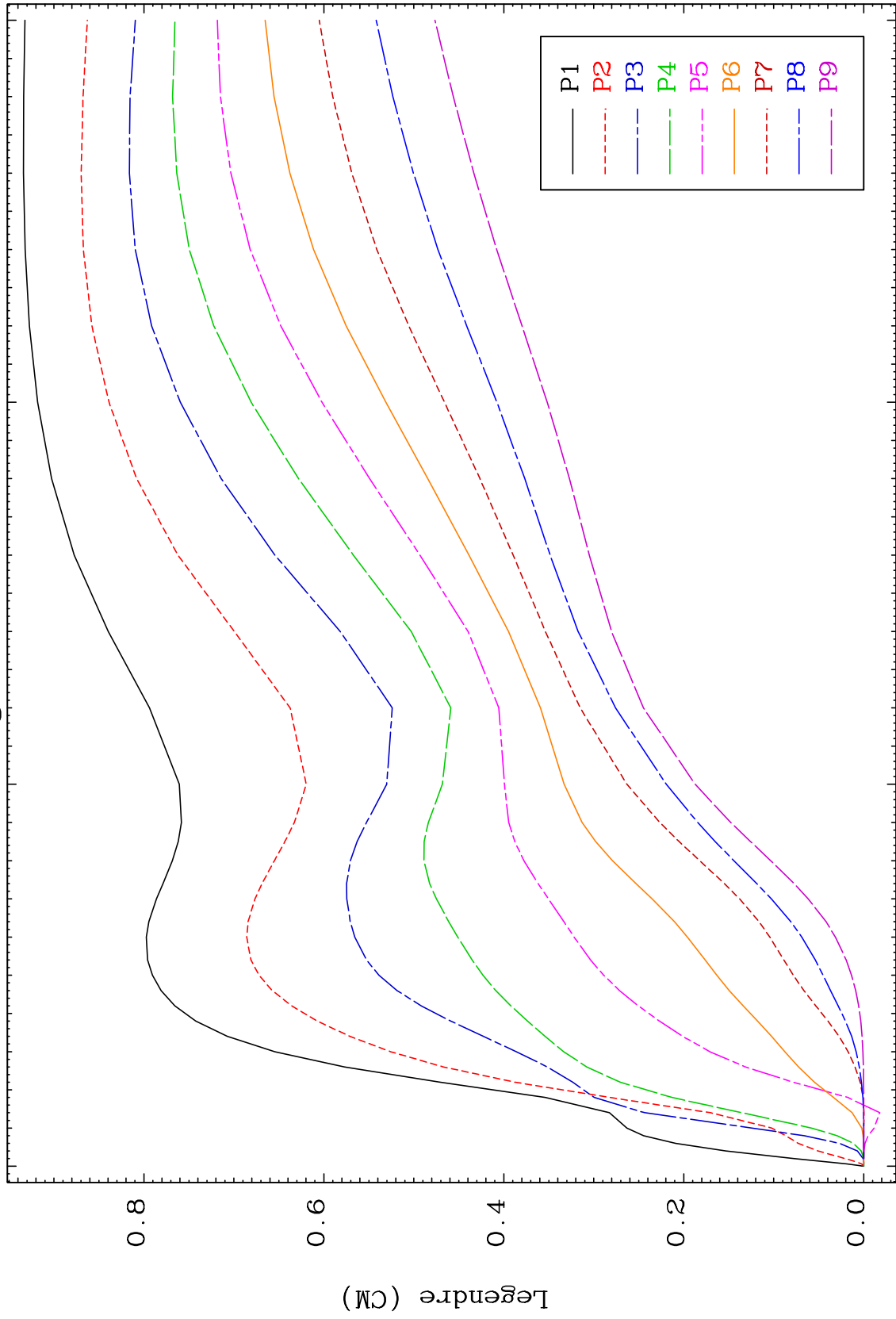
Incident Energy (MeV)

88-Ra-209

MAT 8783

Elastic Legendre Coefficients

88-Ra-209



0

12

Incident Energy (MeV)

20

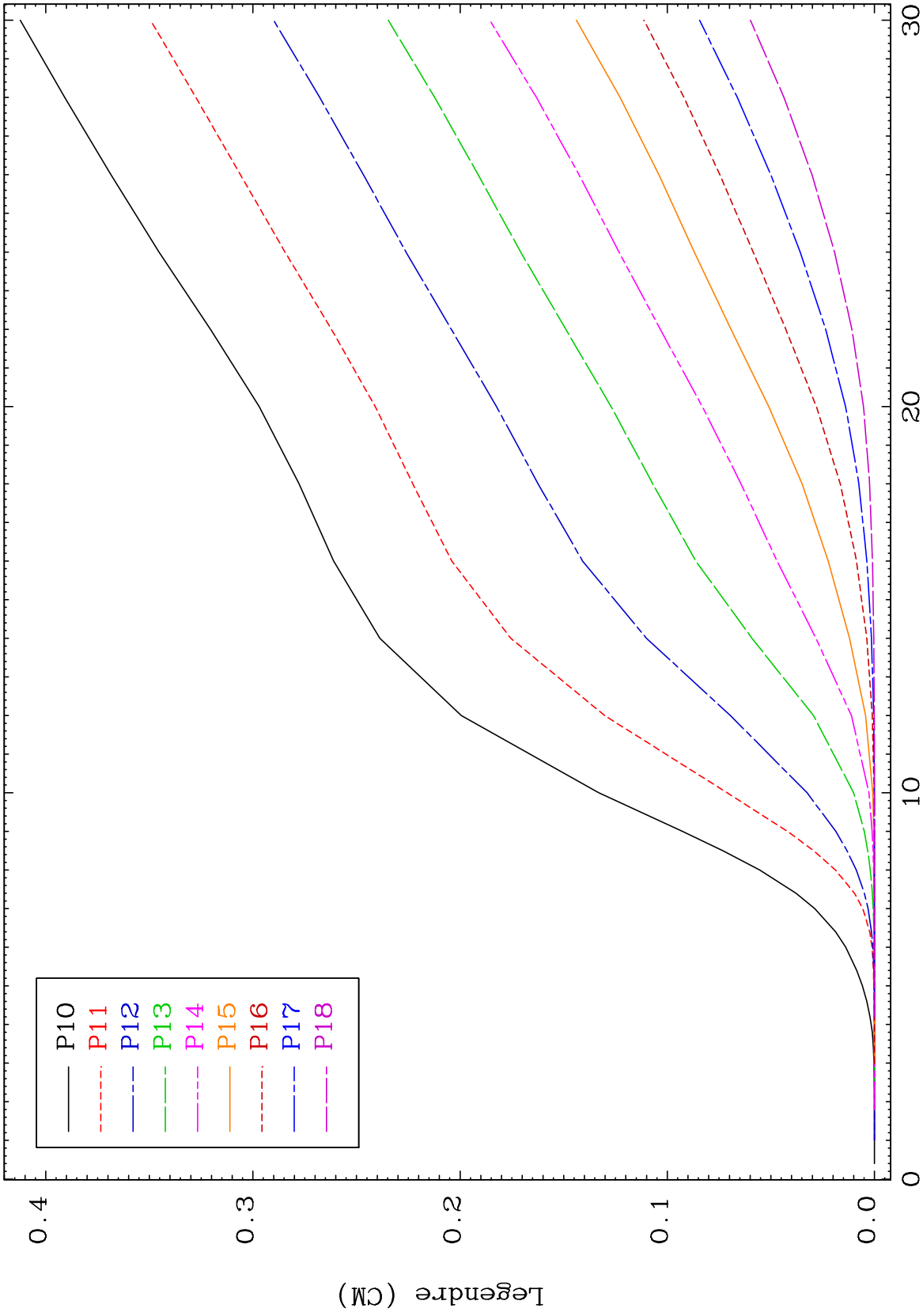
30

88-Ra-209

MAT 8783

Elastic Legendre Coefficients

88-Ra-209



13

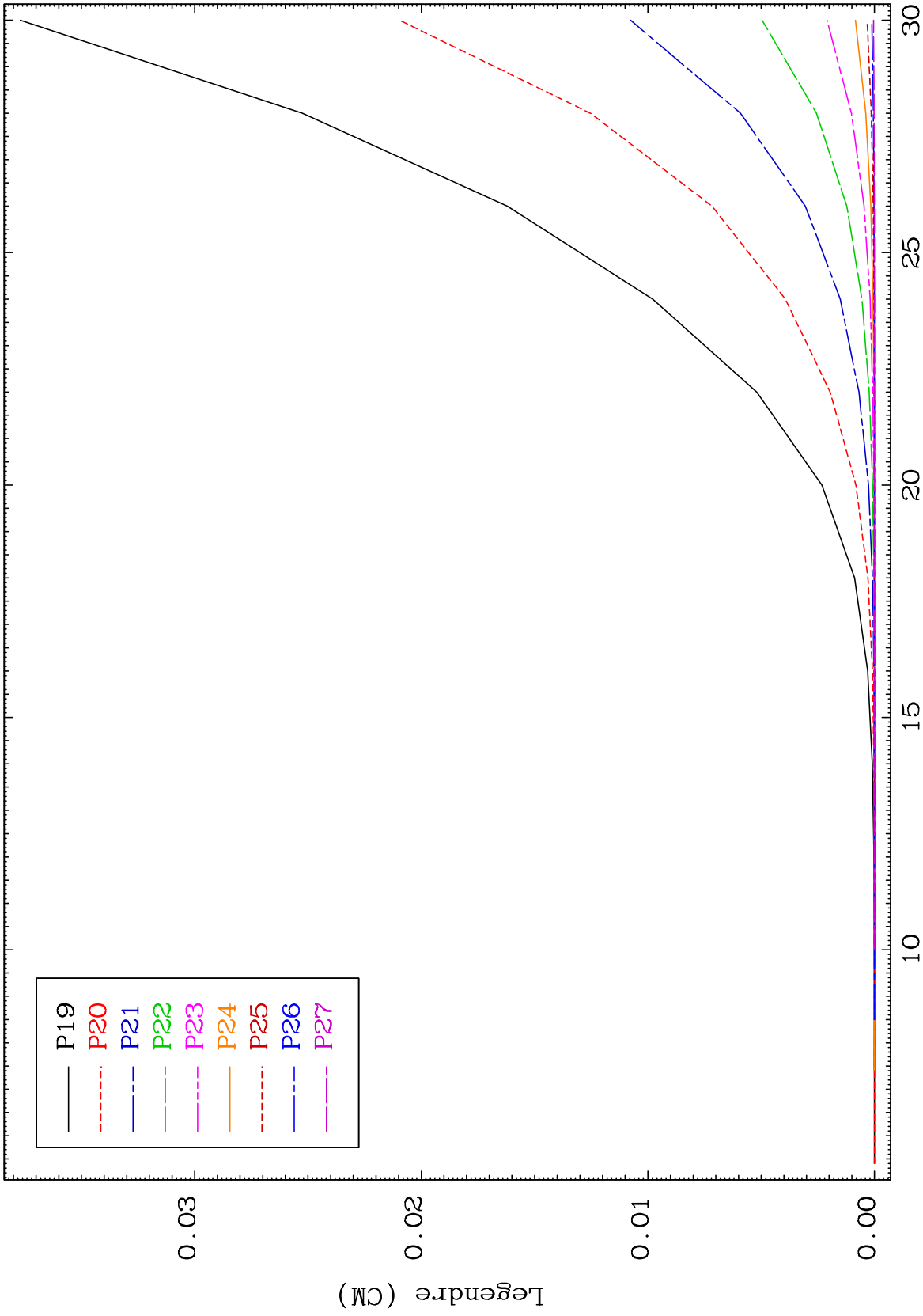
Incident Energy (MeV)

88-Ra-209

MAT 8783

### Elastic Legendre Coefficients

88-Ra-209



14

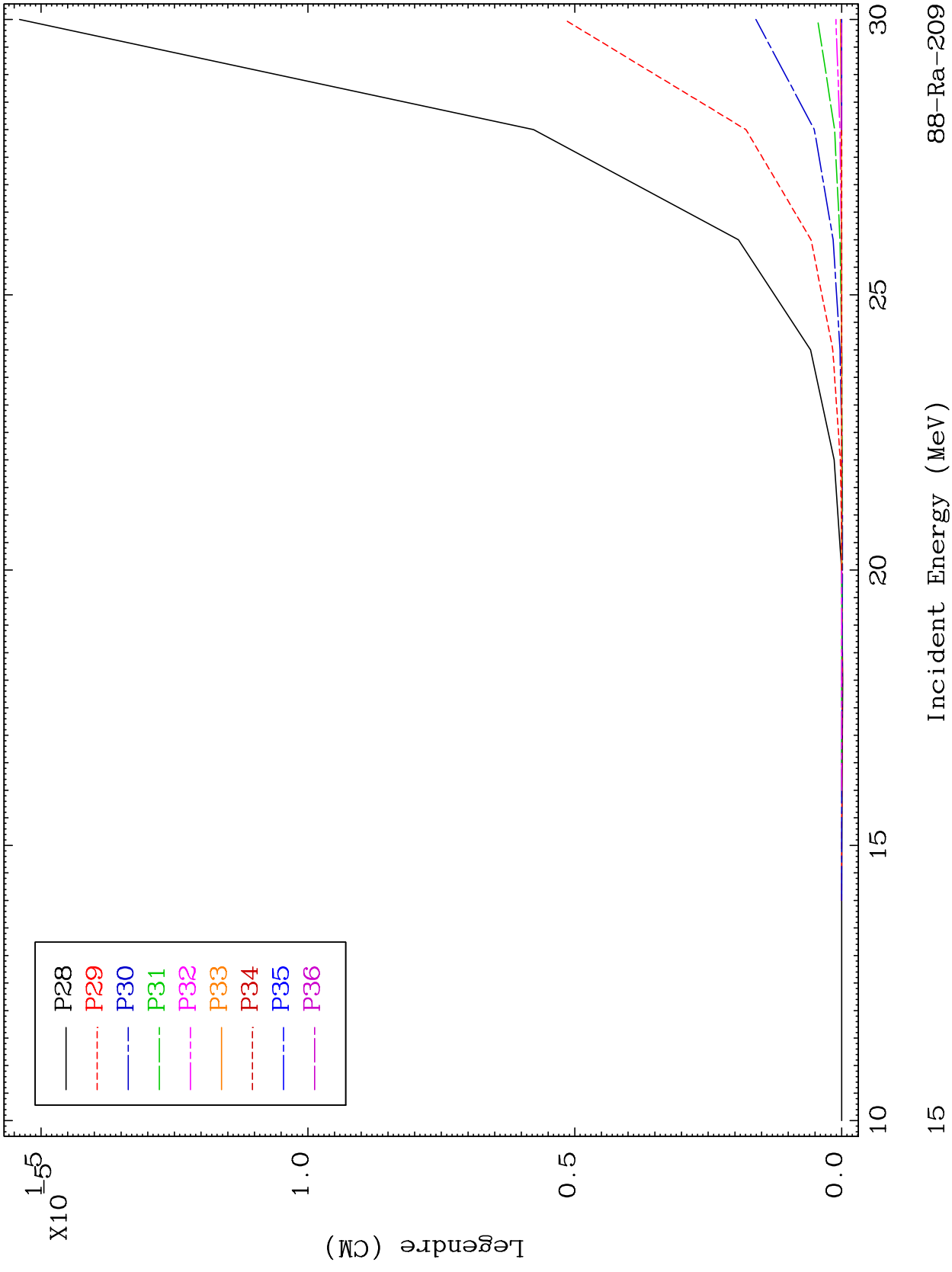
Incident Energy (MeV)

88-Ra-209

MAT 8783

Elastic Legendre Coefficients

88-Ra-209



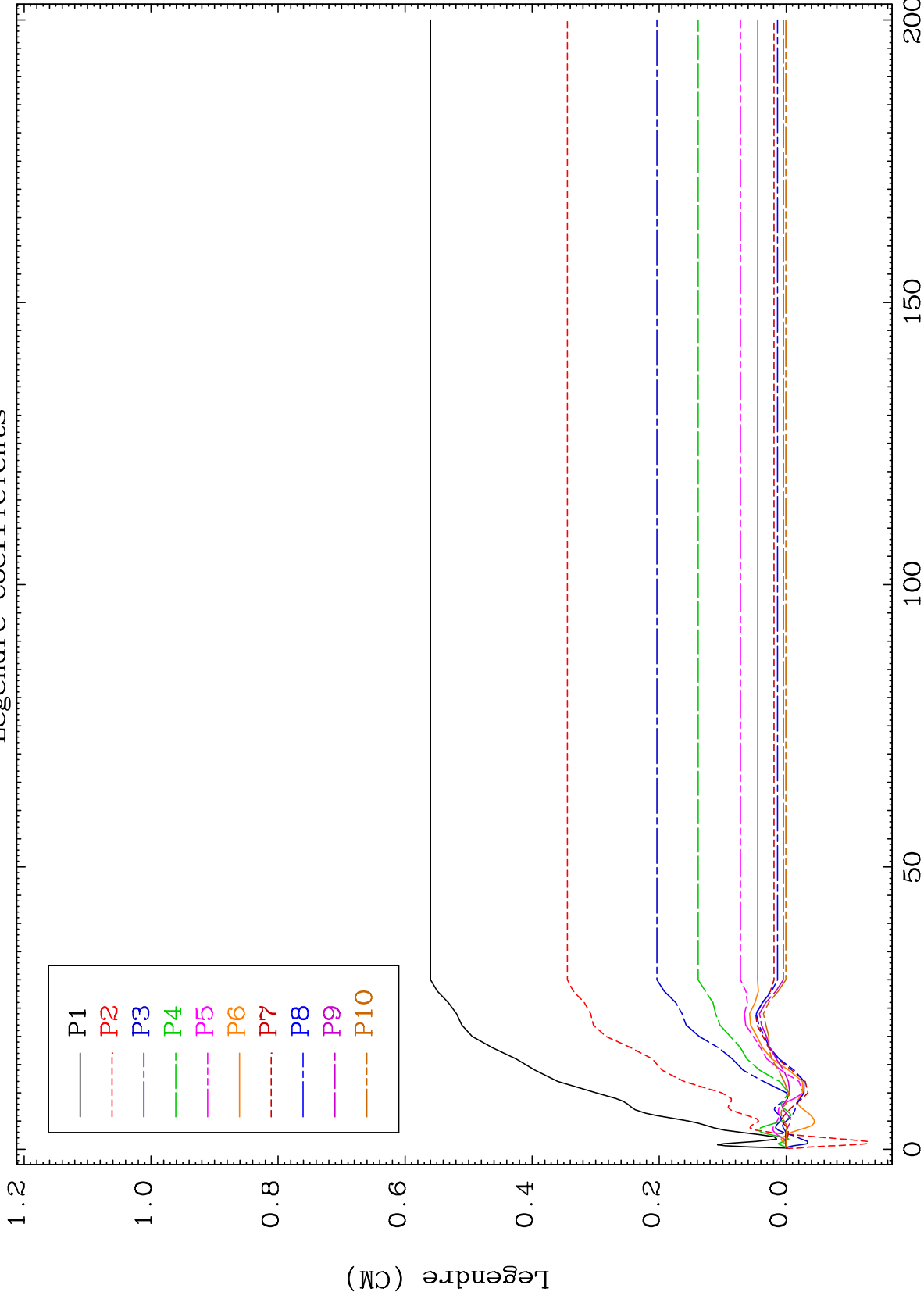
88-Ra-209



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

88-Ra-209



16

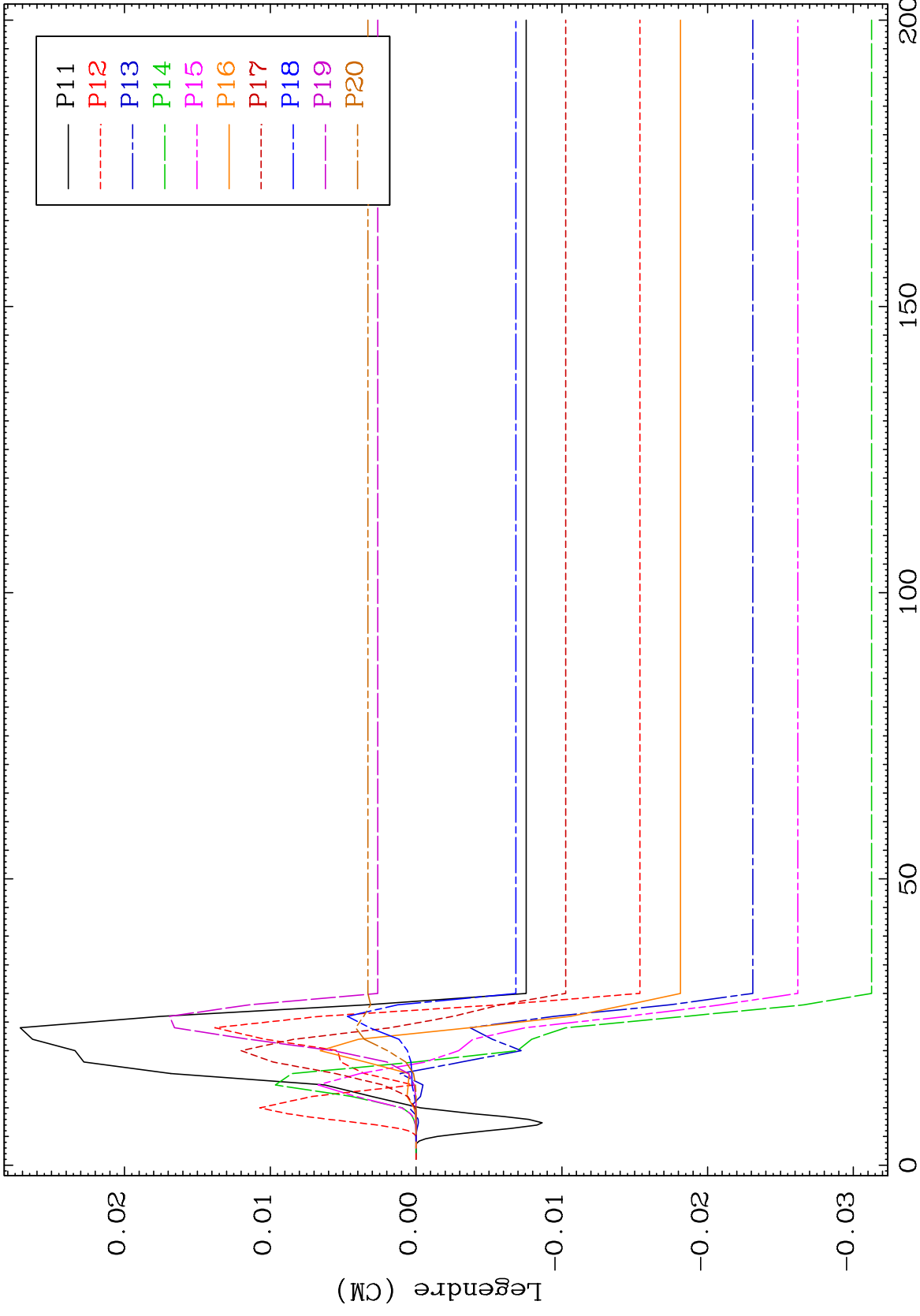
Incident Energy (MeV)

88-Ra-209

MAT 8783

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

88-Ra-209



17

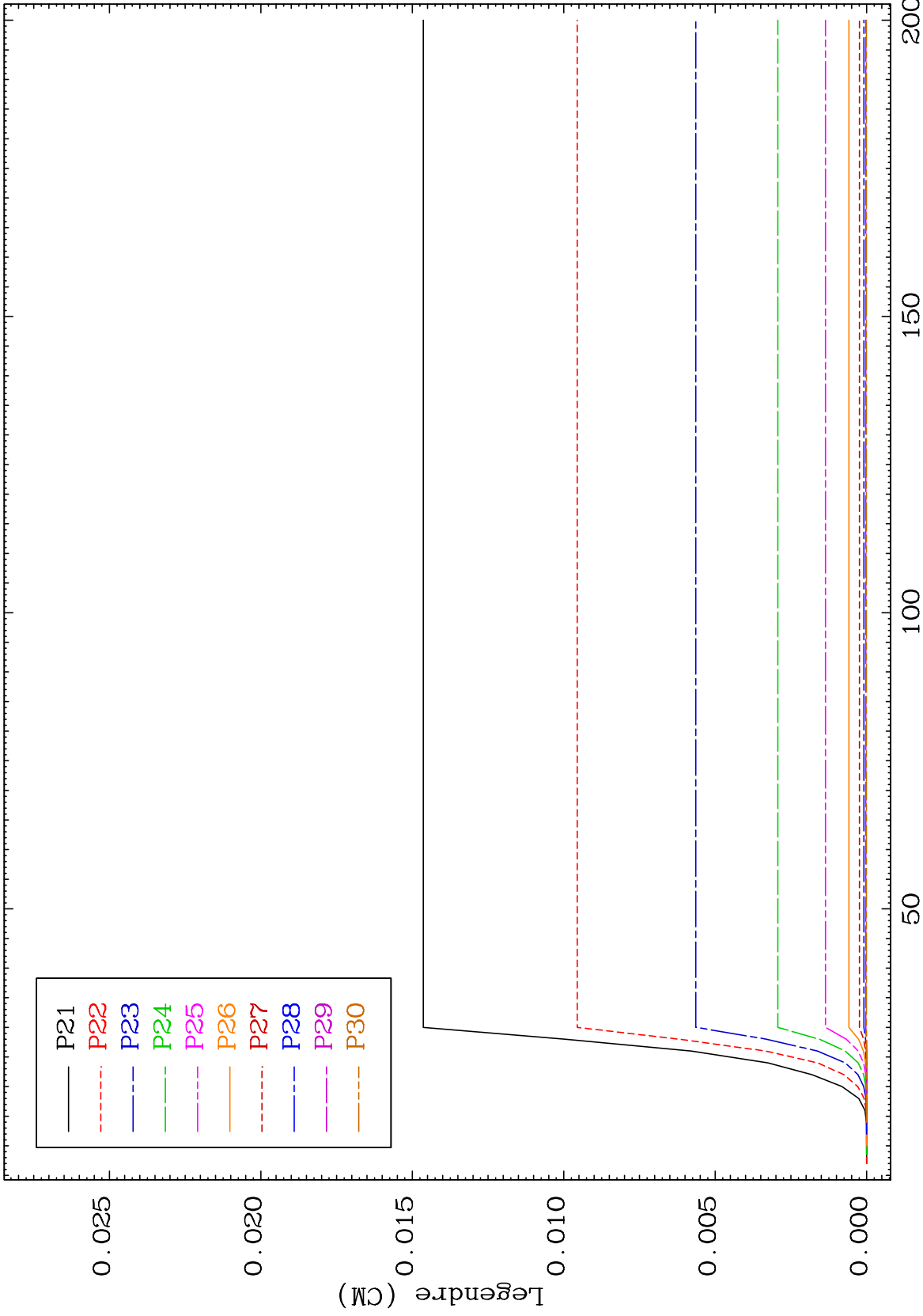
Incident Energy (MeV)

88-Ra-209

MAT 8783

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

88-Ra-209



18

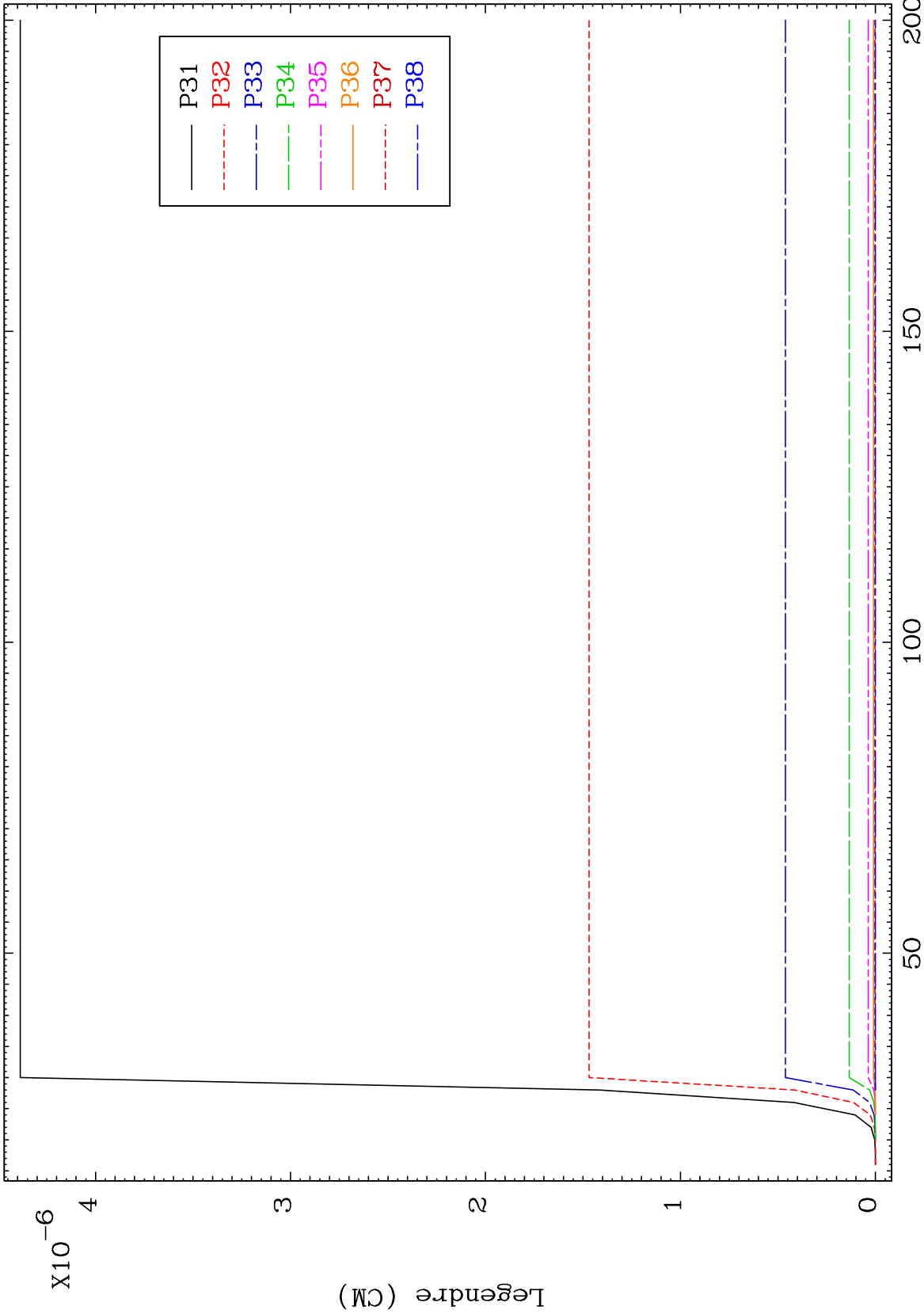
Incident Energy (MeV)

88-Ra-209

MAT 8783

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

88-Ra-209



19

Incident Energy (MeV)

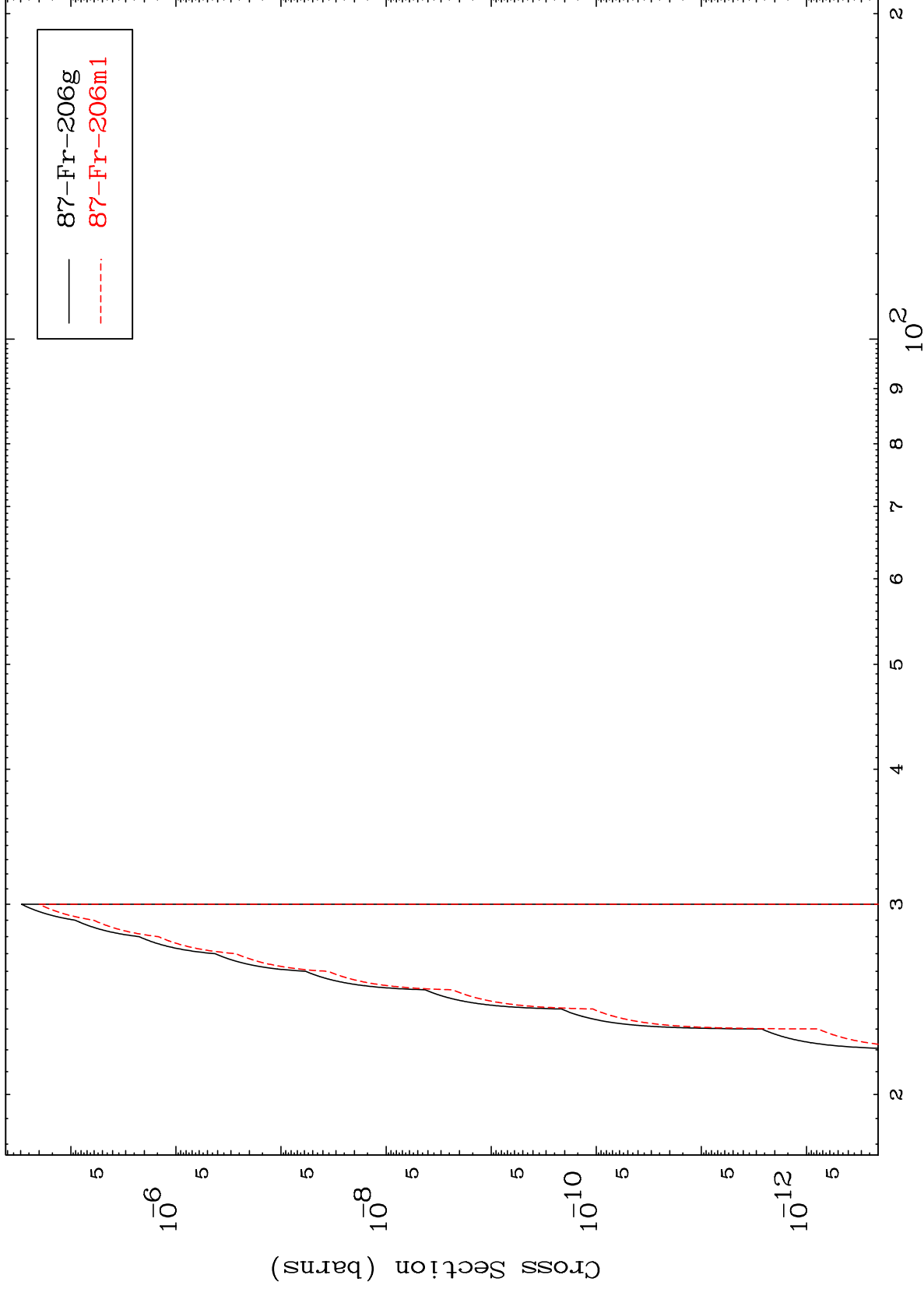
88-Ra-209

MAT 8783

(n,2n) d

88-Ra-209

Radionuclide Production Cross Section



20

Incident Energy (MeV)

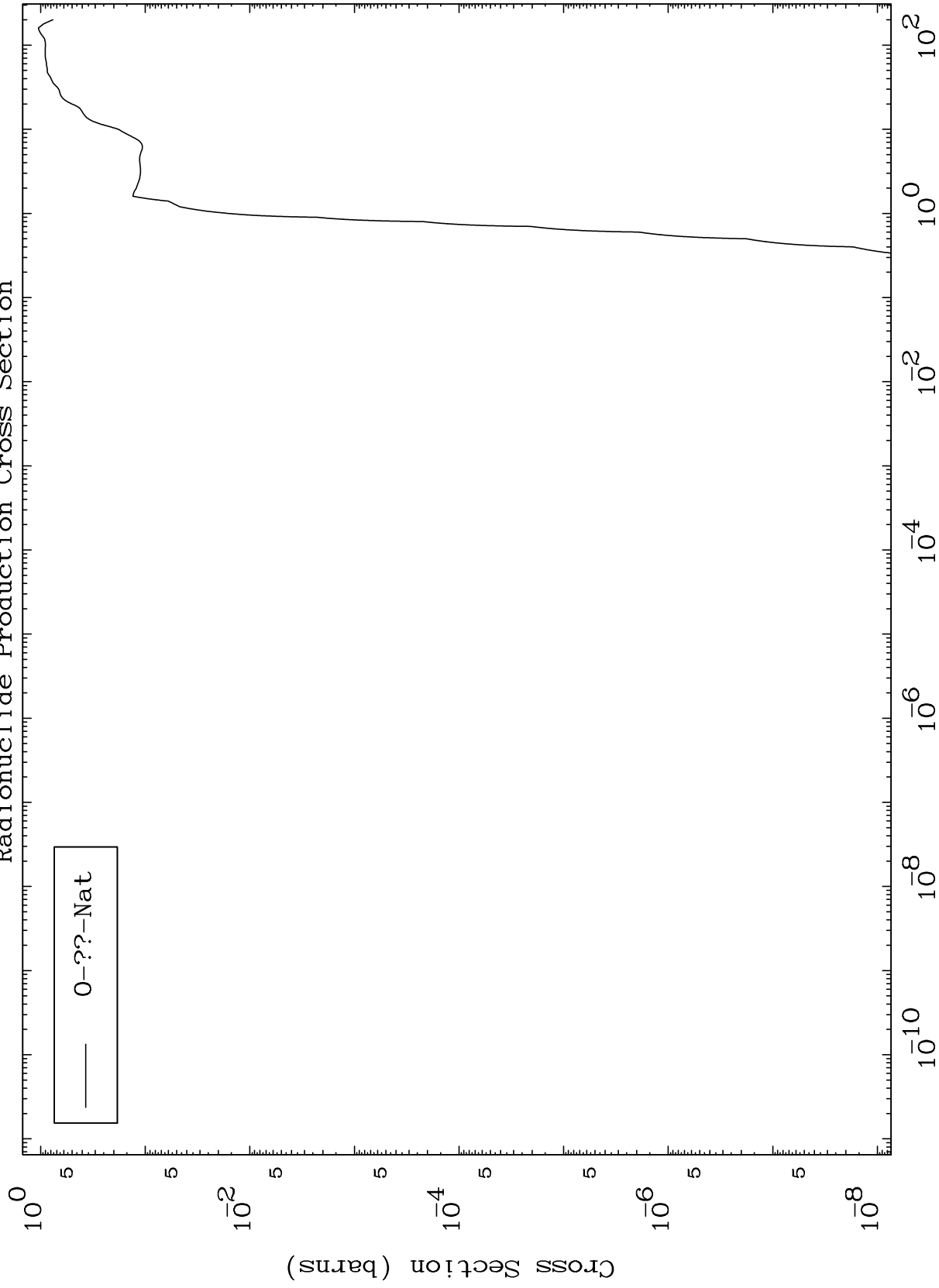
88-Ra-209

MAT 8783

Fission

88-Ra-209

Radionuclide Production Cross Section



21

Incident Energy (MeV)

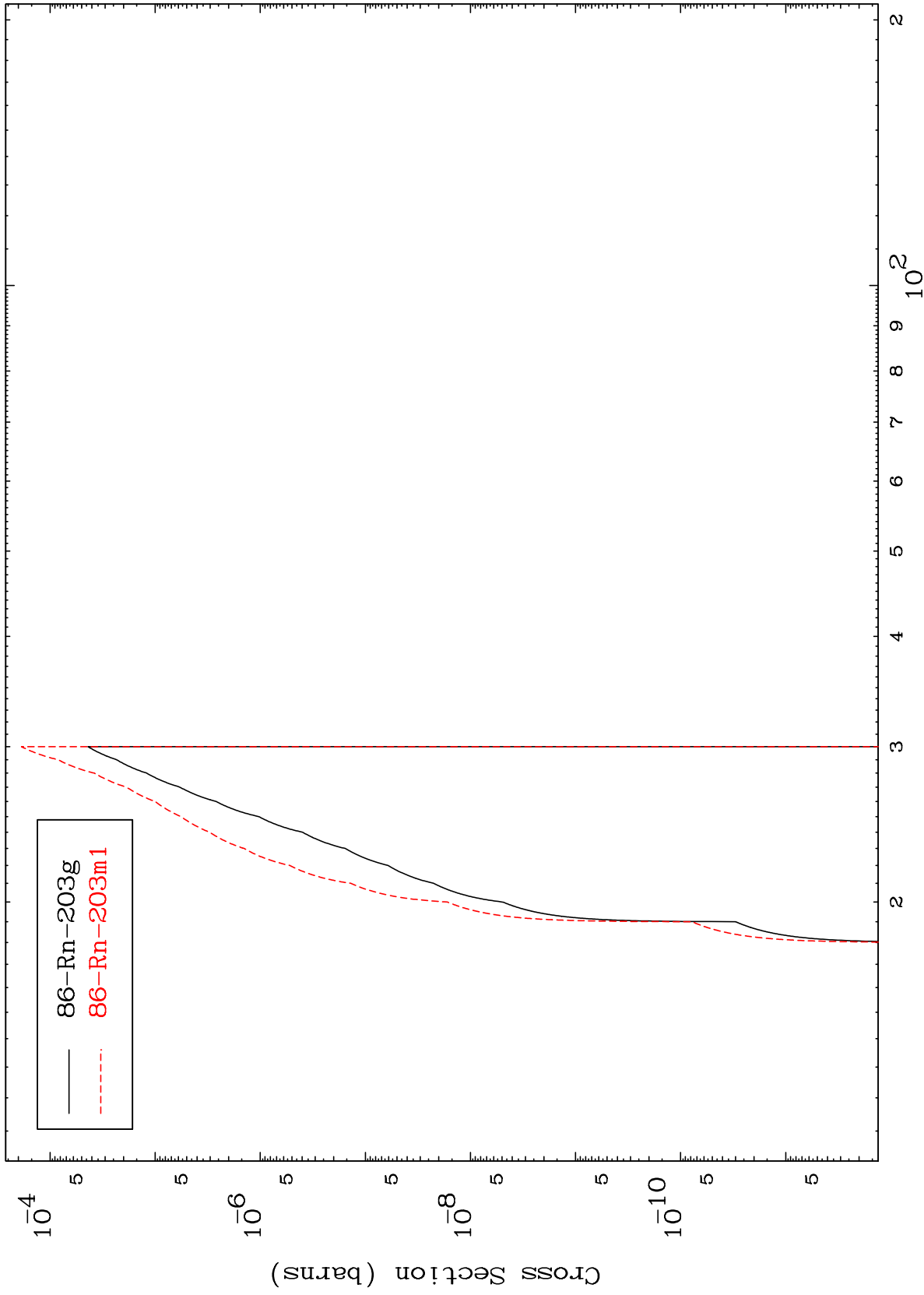
88-Ra-209

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(n,3n)  $\alpha$

88-Ra-209

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

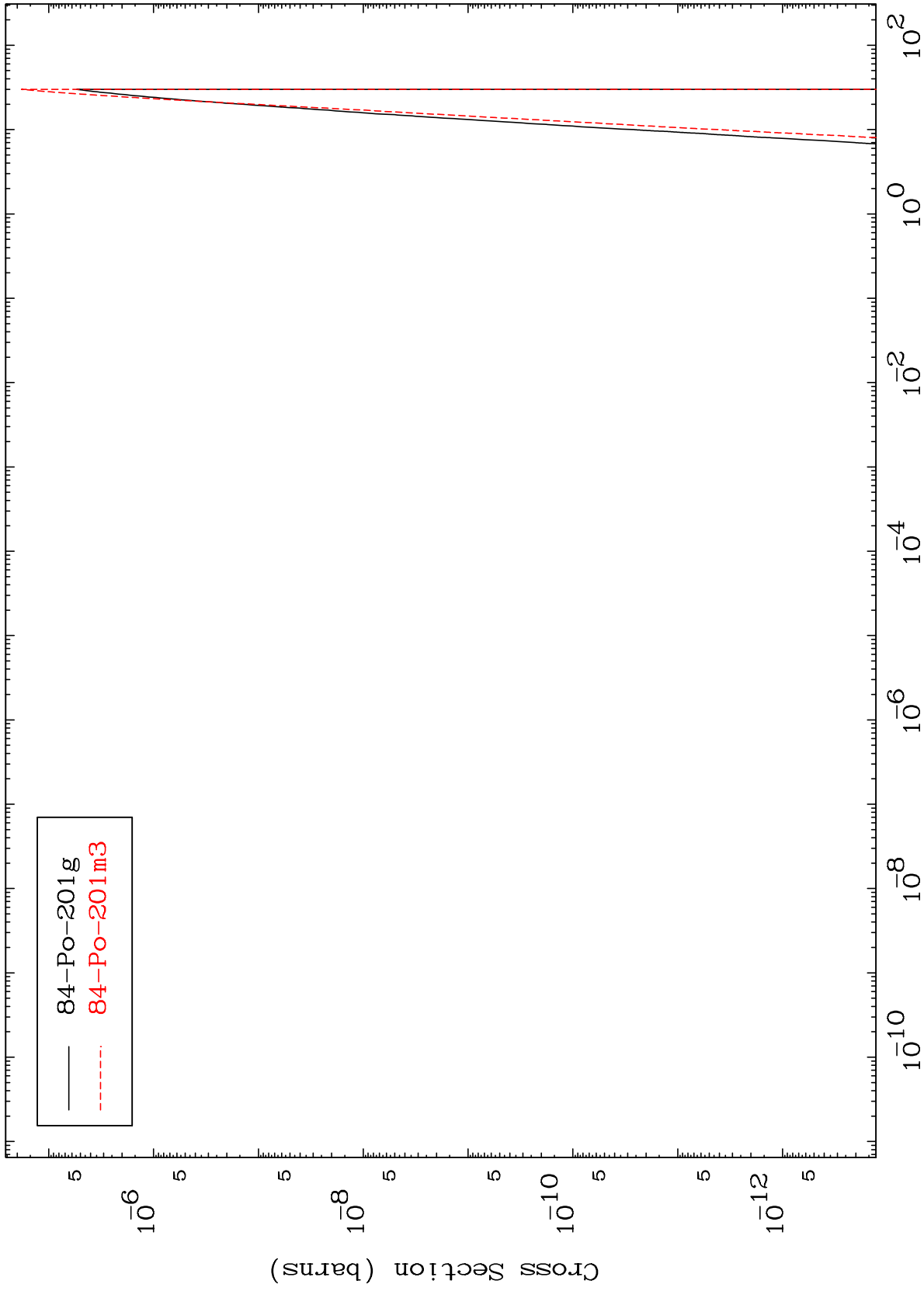
88-Ra-209

MAT 8783

(n,n') 2 $\alpha$

88-Ra-209

Radionuclide Production Cross Section



23

Incident Energy (MeV)

88-Ra-209

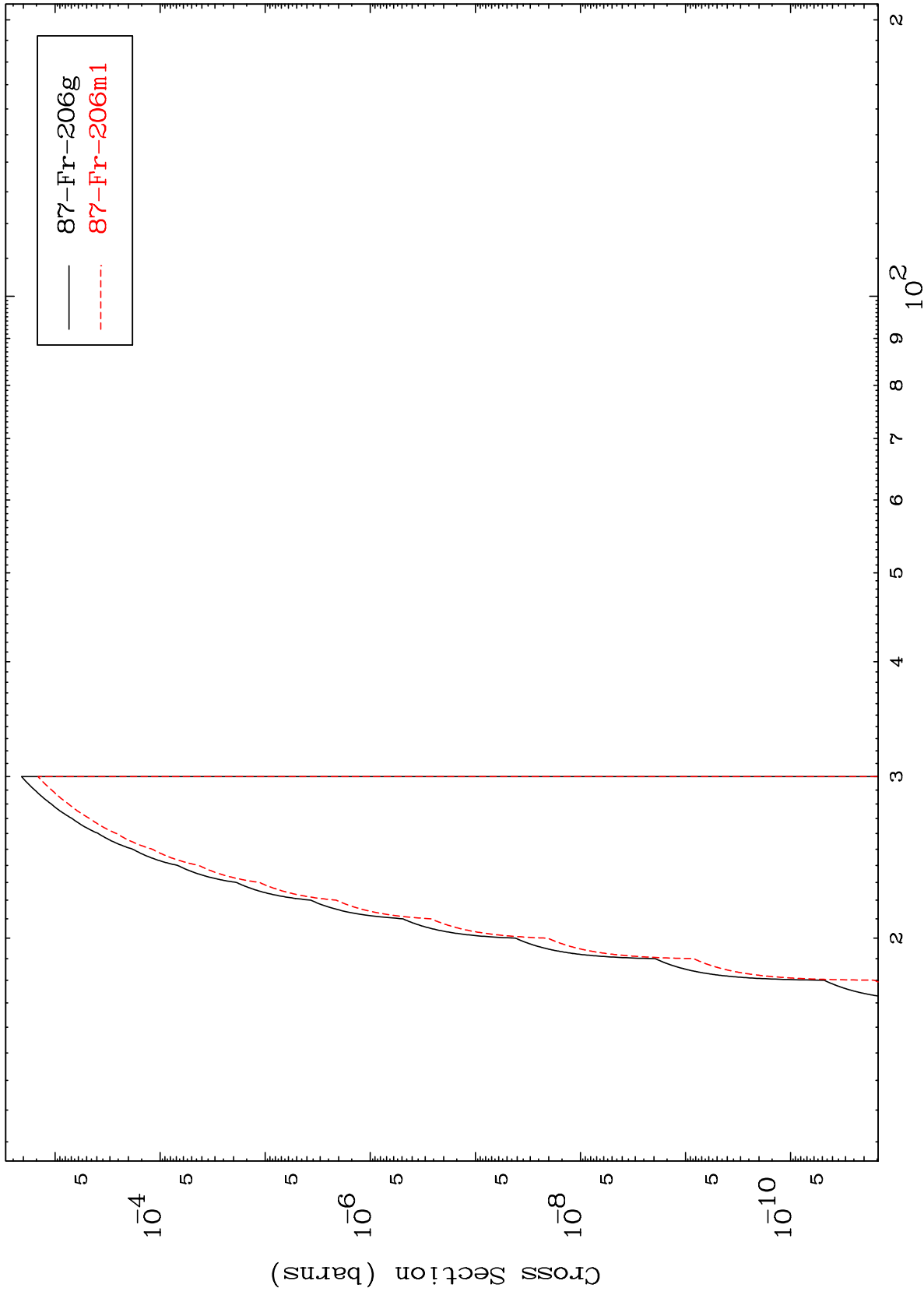


MAT 8783

(n,n') t

88-Ra-209

Radionuclide Production Cross Section



24

Incident Energy (MeV)

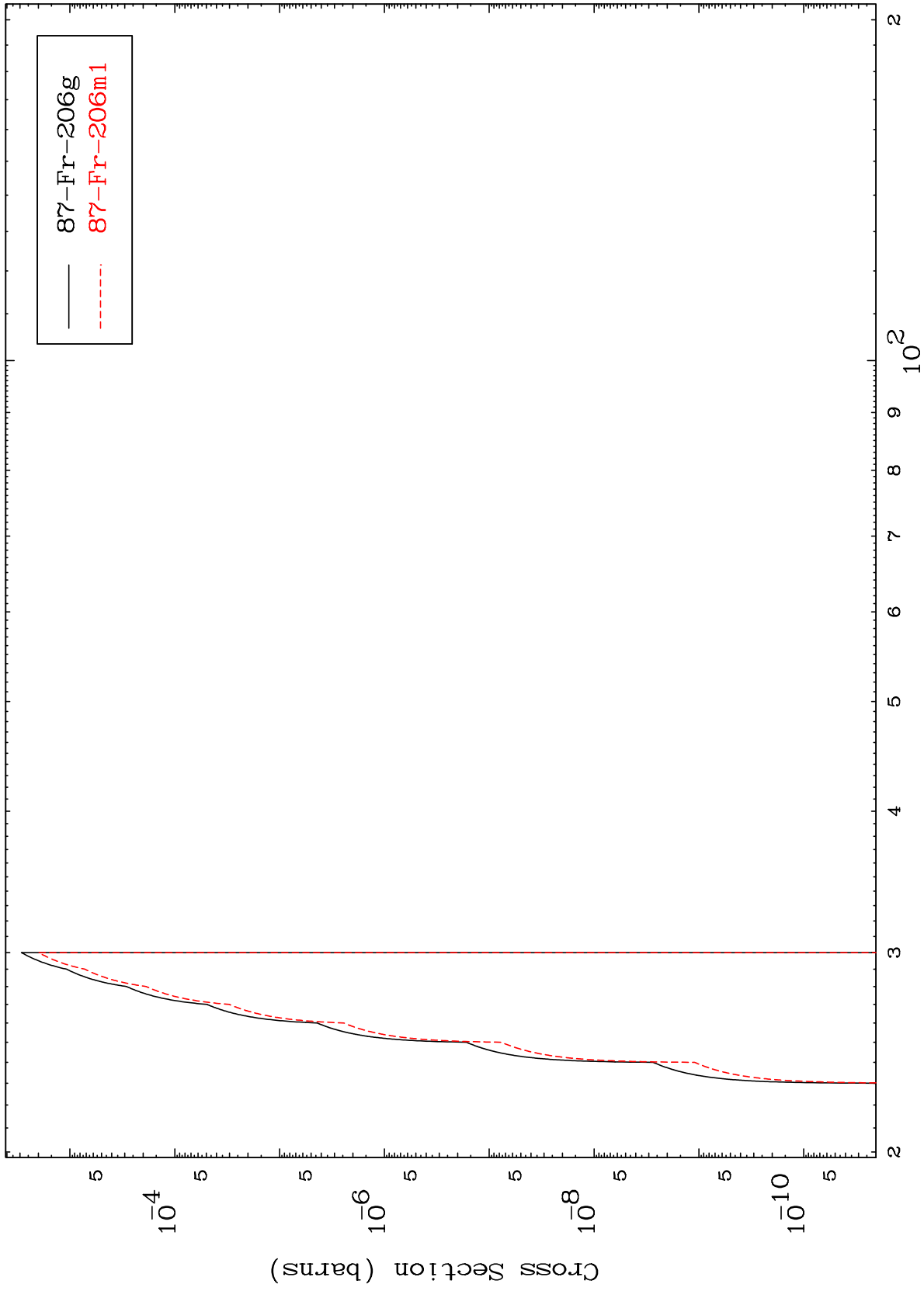
88-Ra-209

MAT 8783

(n,3n) p

88-Ra-209

Radionuclide Production Cross Section



25

Incident Energy (MeV)

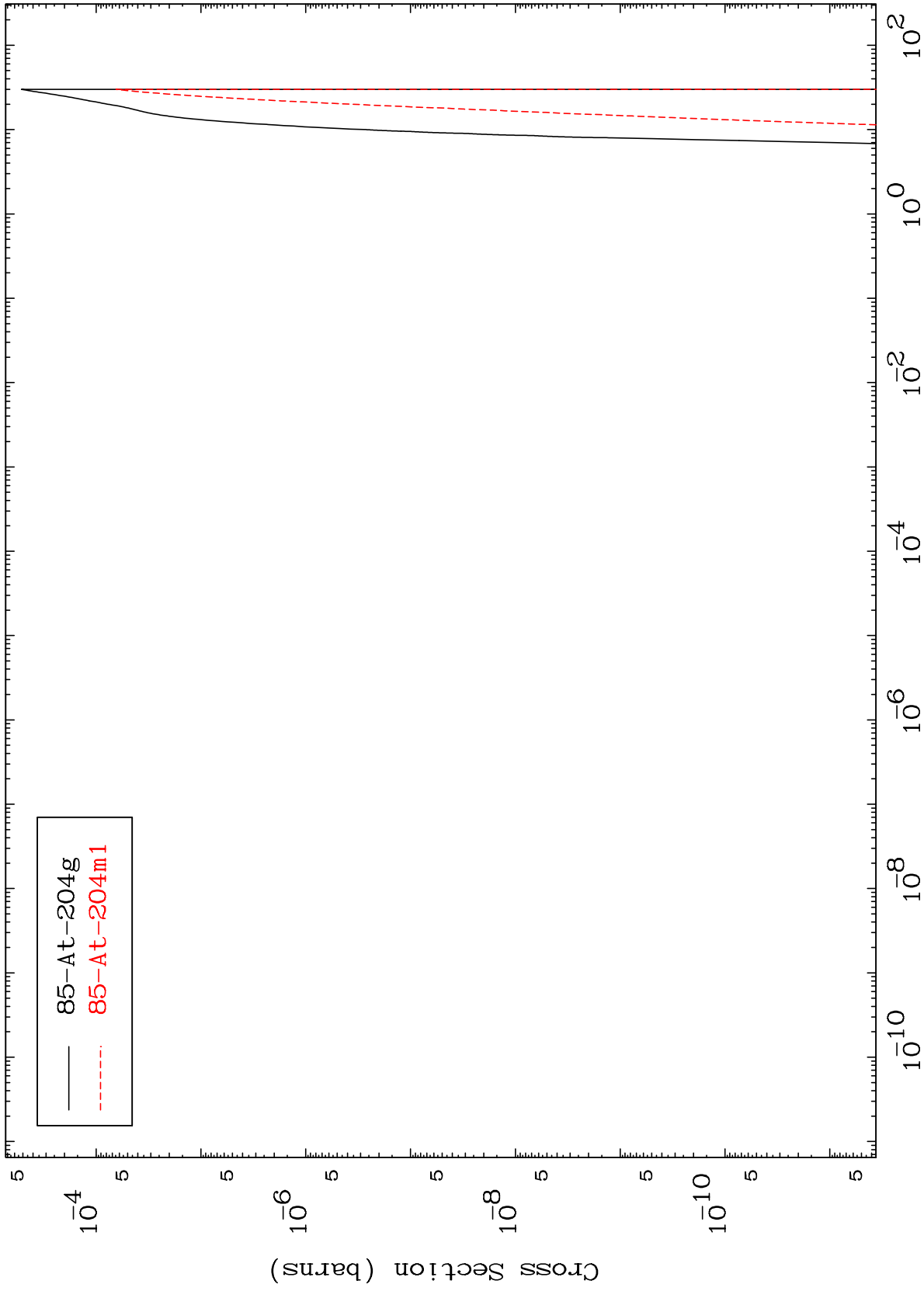
88-Ra-209

MAT 8783

(n,n') p  $\alpha$

88-Ra-209

Radionuclide Production Cross Section



26

Incident Energy (MeV)

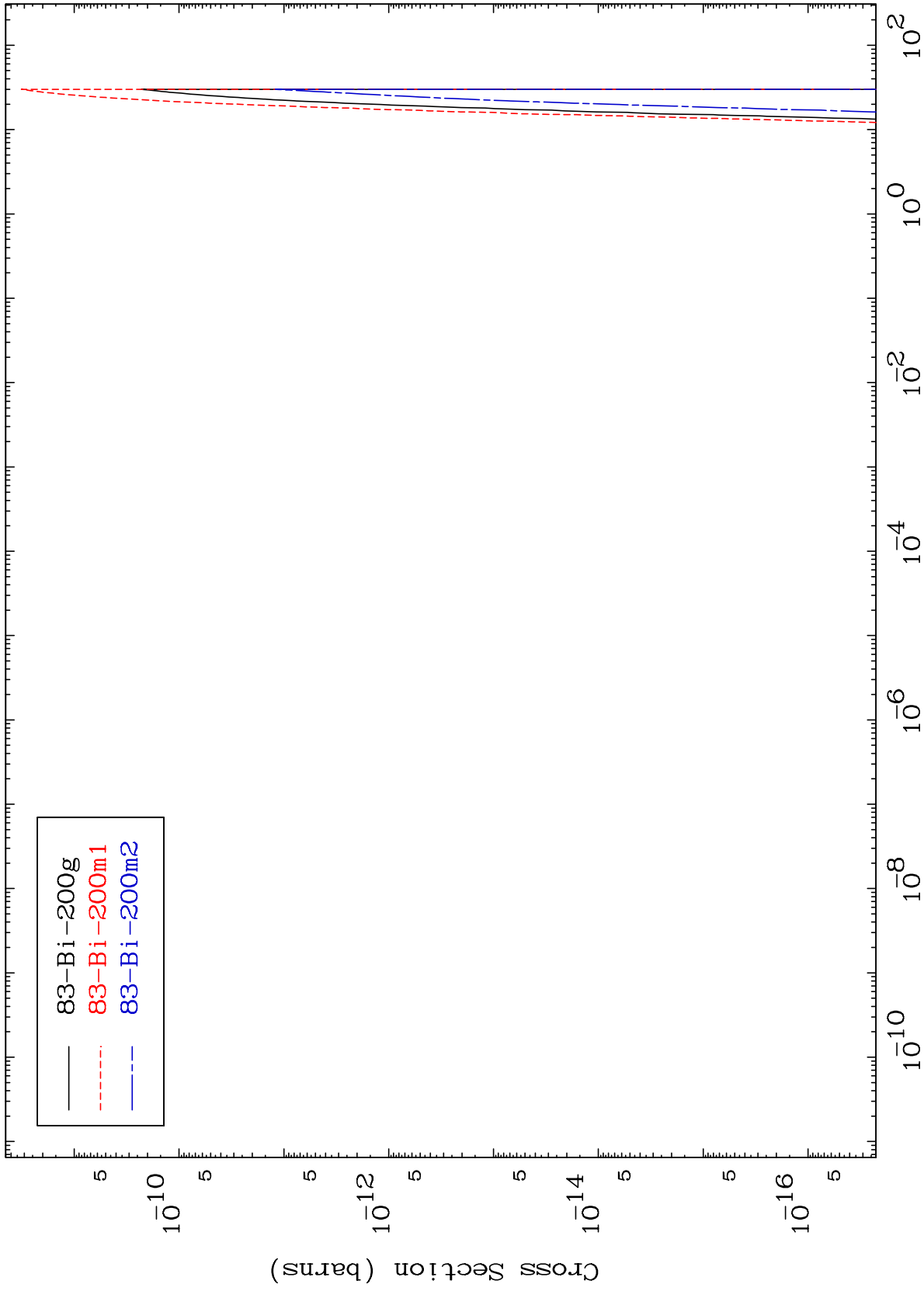
88-Ra-209

MAT 8783

(n,d)  $2\alpha$

88-Ra-209

Radionuclide Production Cross Section



27

Incident Energy (MeV)

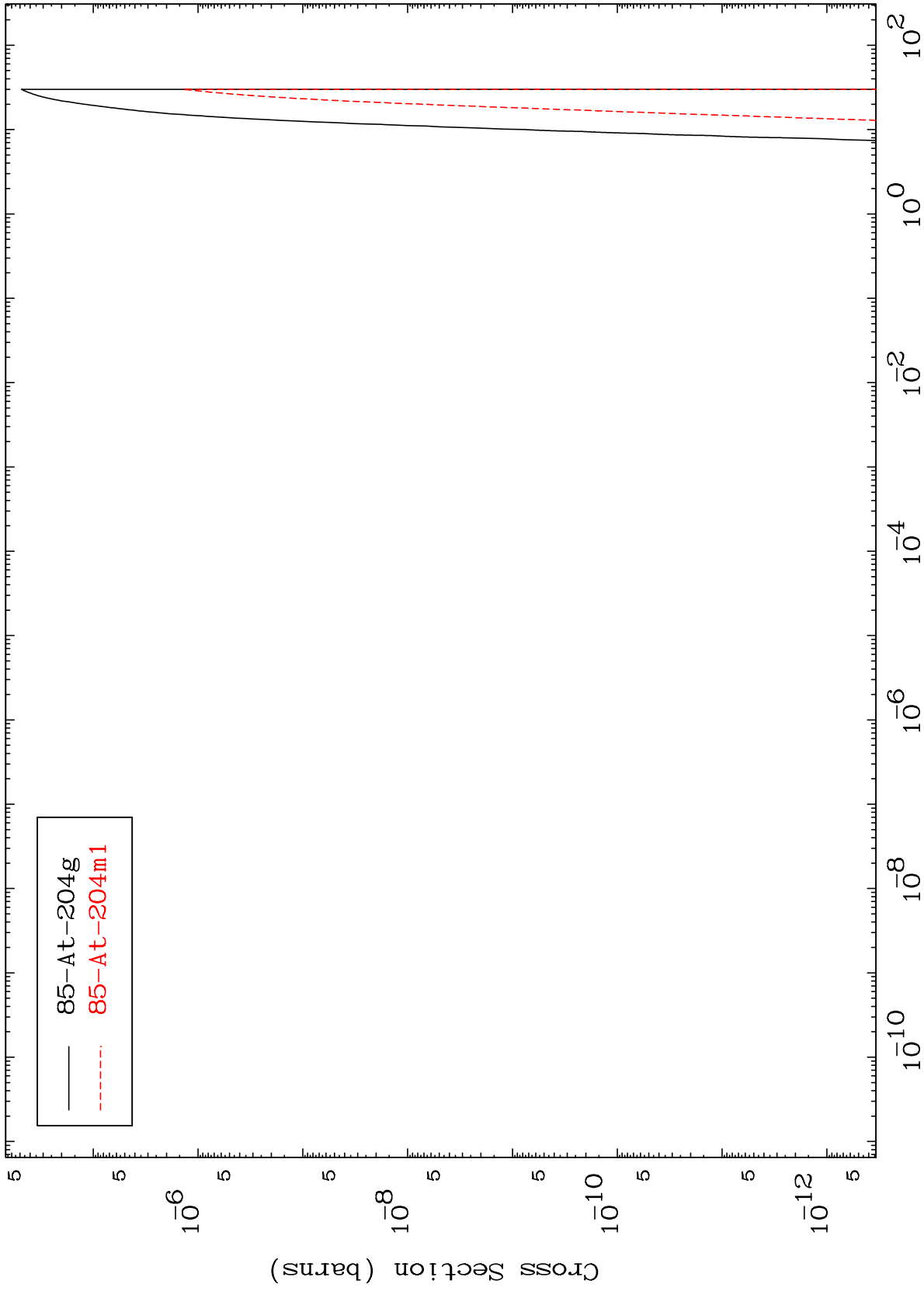
88-Ra-209

MAT 8783

(n,d)  $\alpha$

88-Ra-209

Radionuclide Production Cross Section



28

Incident Energy (MeV)

88-Ra-209