

Program EVALPLOT
(Version 2015-2)

by

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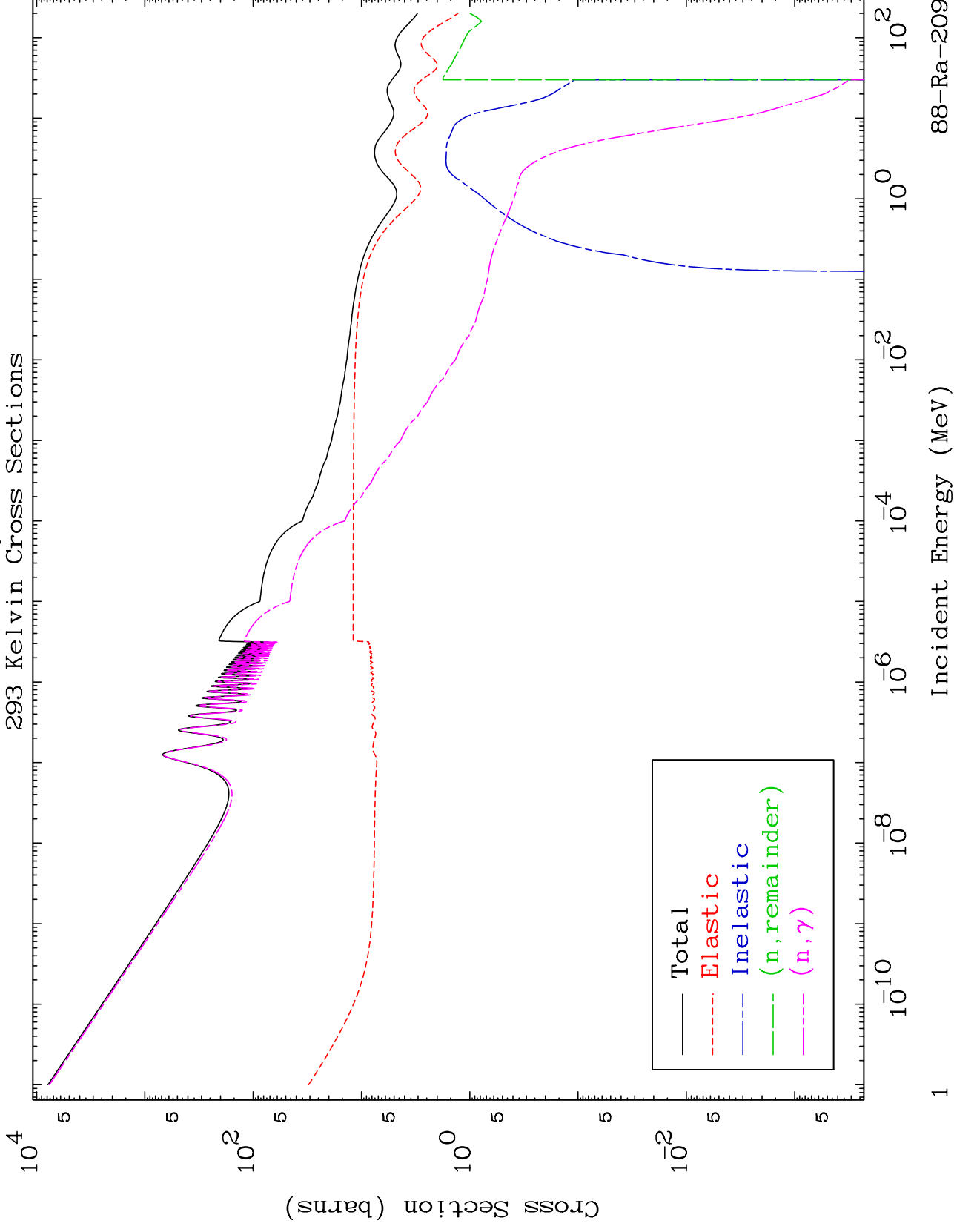
Press Mouse Button to Start

MAT 8783

Major

293 Kelvin Cross Sections

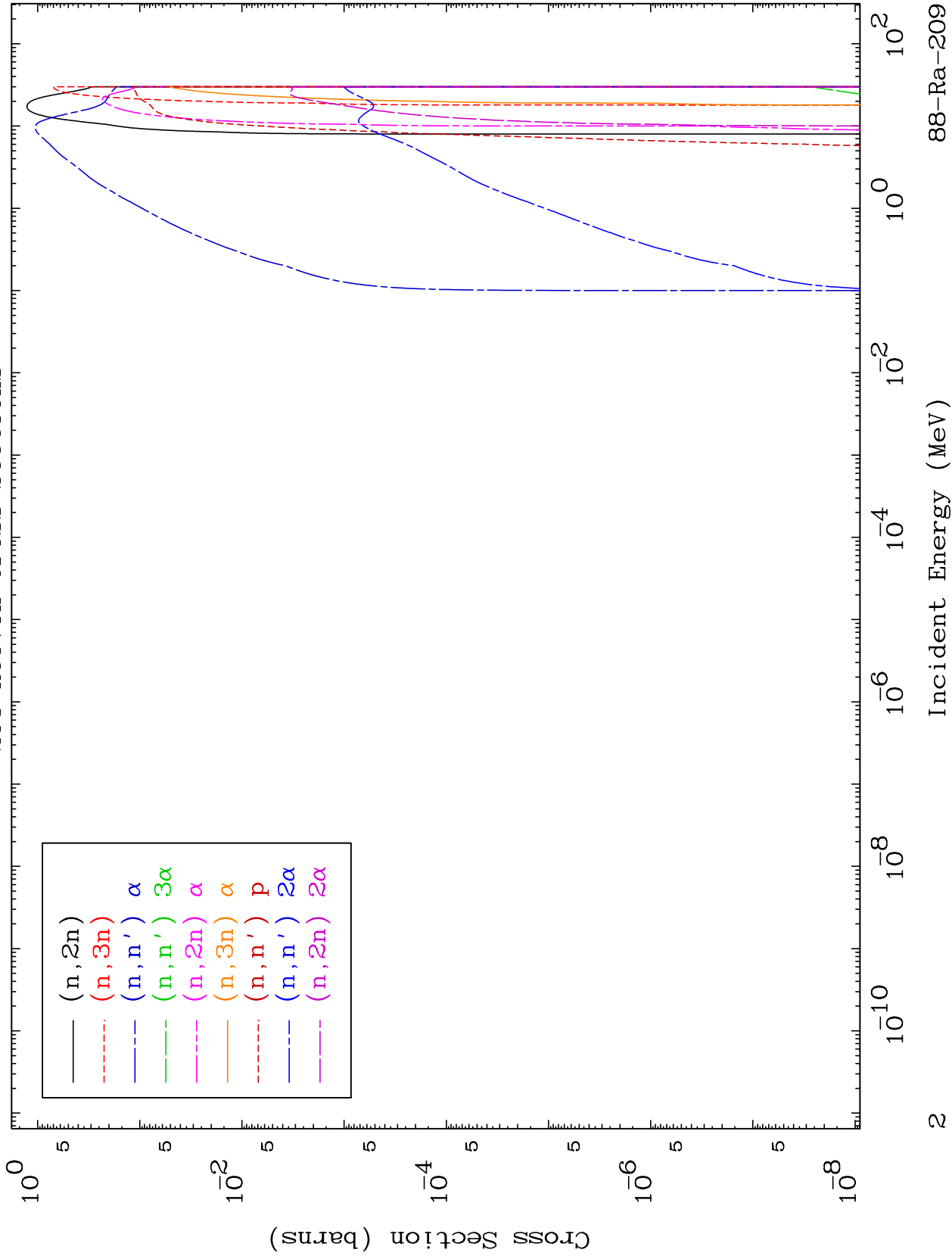
88-Ra-209



MAT 8783

Neutron Production
293 Kelvin Cross Sections

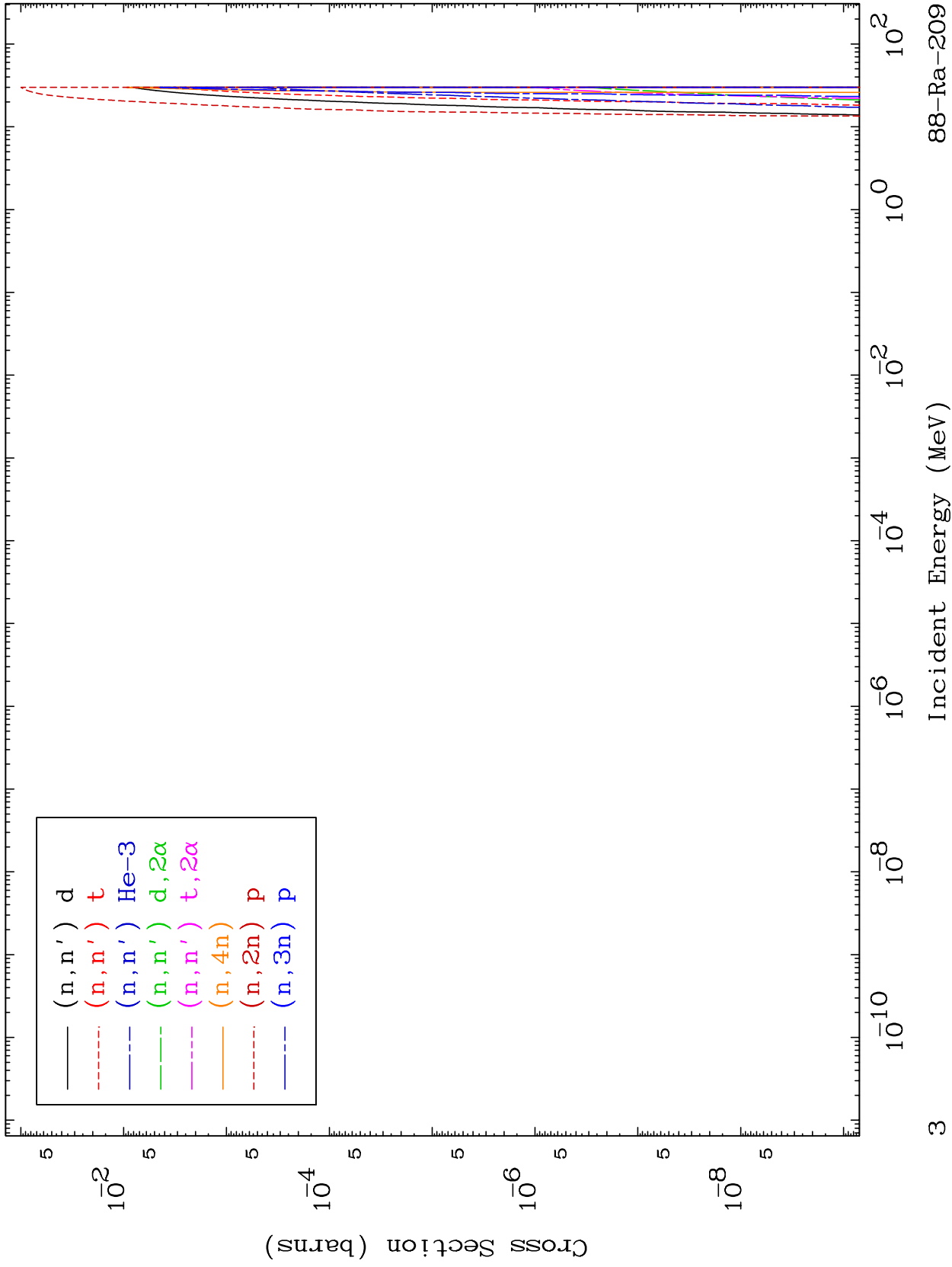
88-Ra-209



MAT 8783

Neutron Production
293 Kelvin Cross Sections

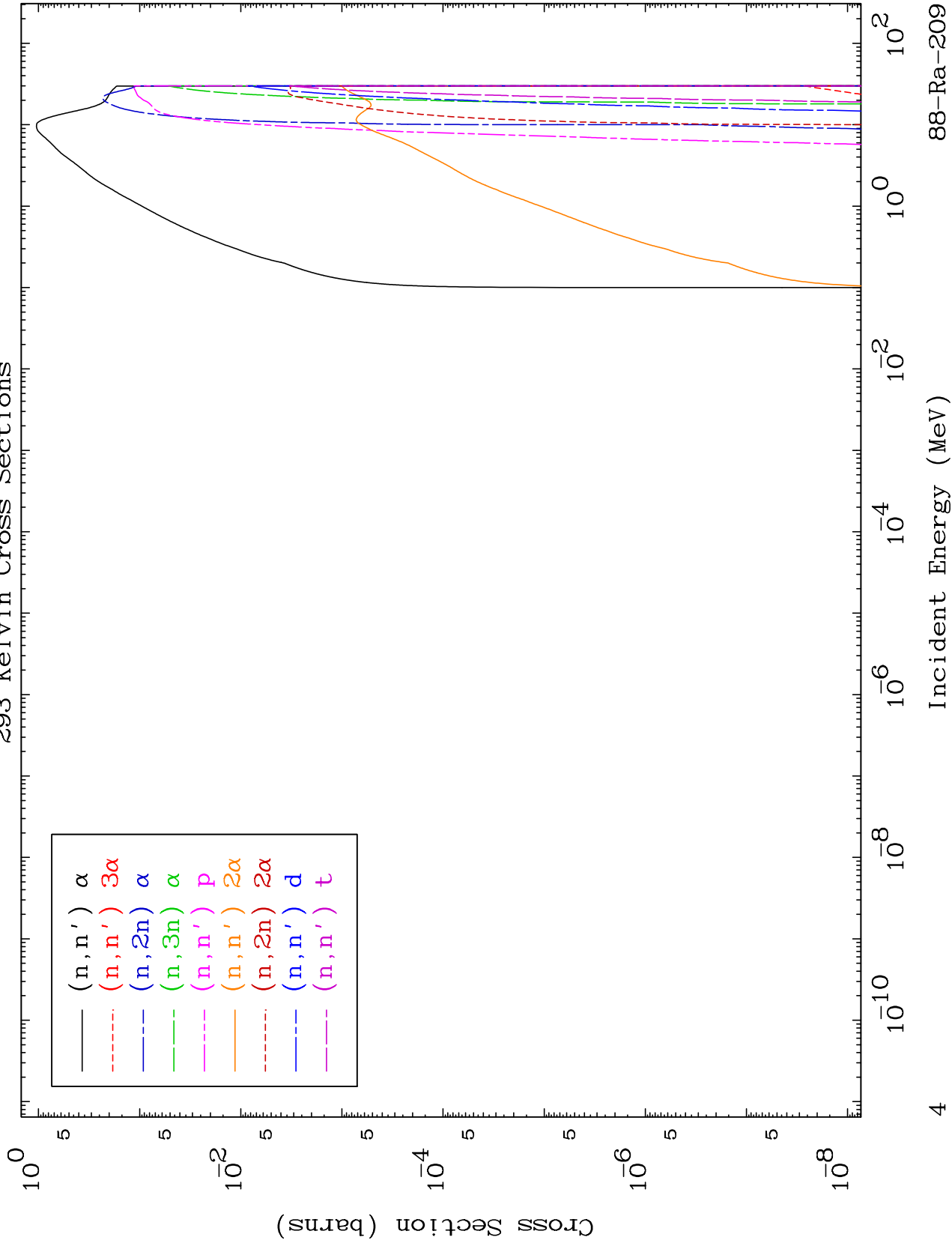
88-Ra-209



MAT 8783

Charged Particle
293 Kelvin Cross Sections

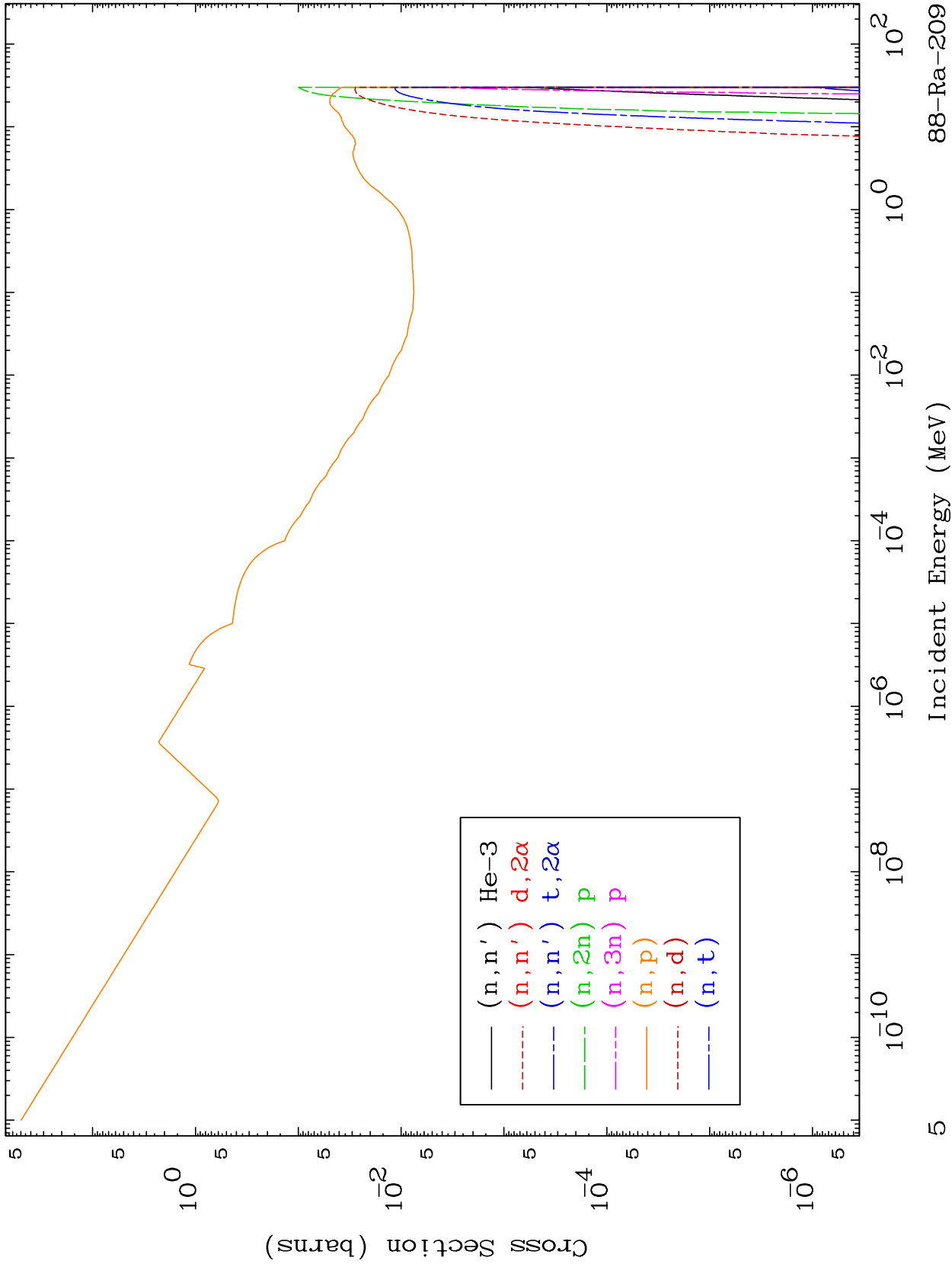
88-Ra-209



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Charged Particle
293 Kelvin Cross Sections

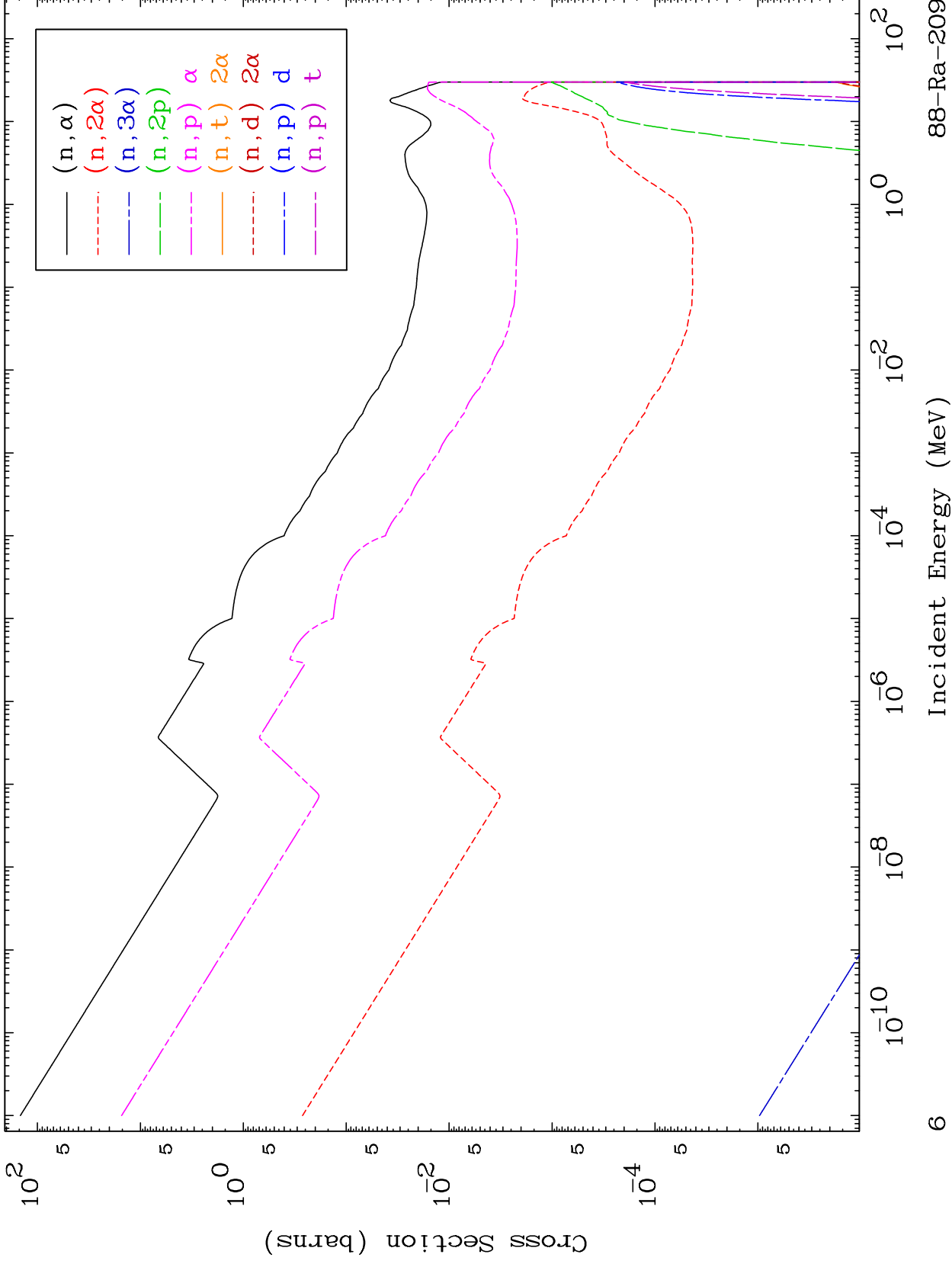
88-Ra-209



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Charged Particle
293 Kelvin Cross Sections

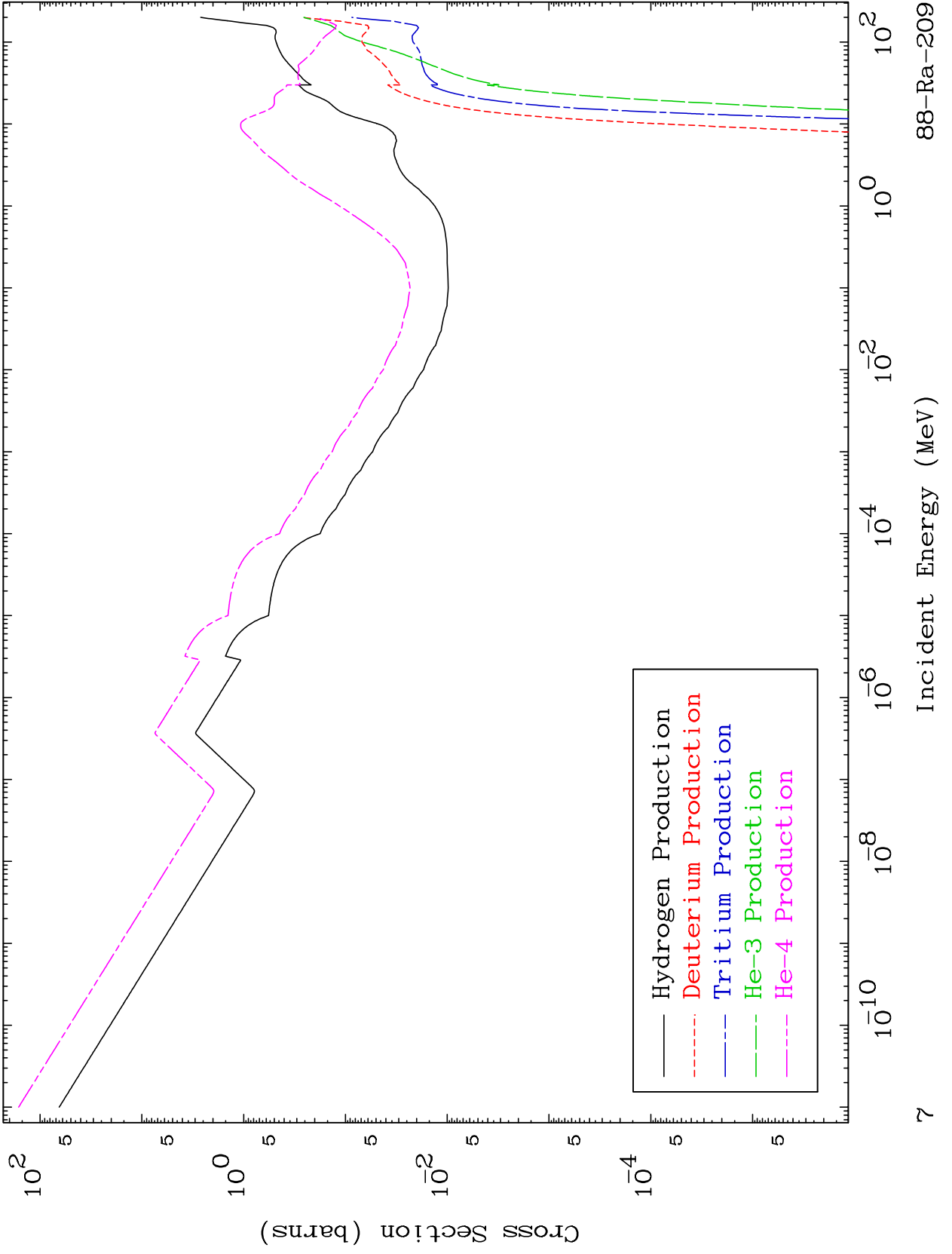
88-Ra-209



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Particle Production
293 Kelvin Cross Sections

88-Ra-209

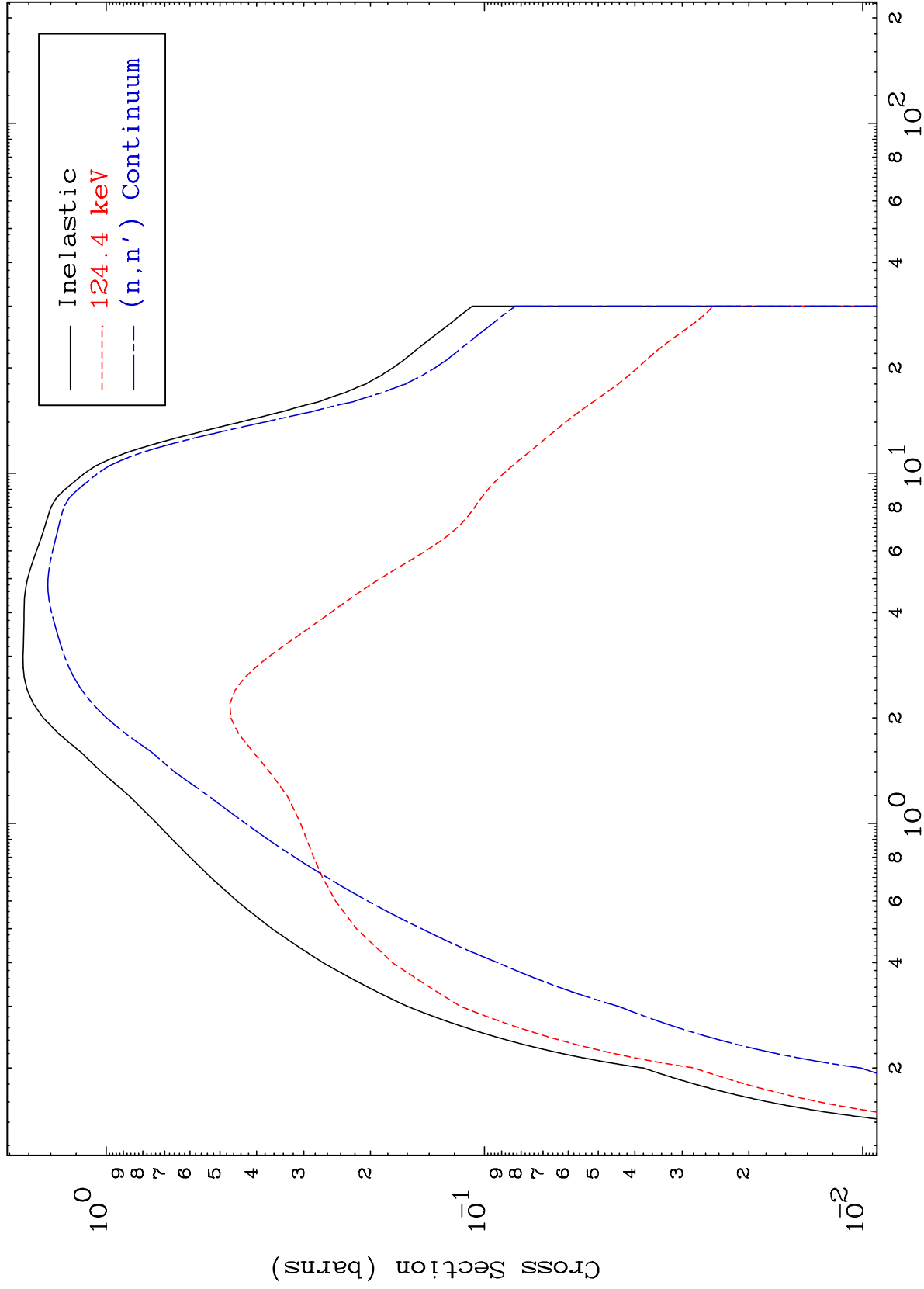


MAT 8783

(n,n') Level

88-Ra-209

293 Kelvin Cross Sections



8

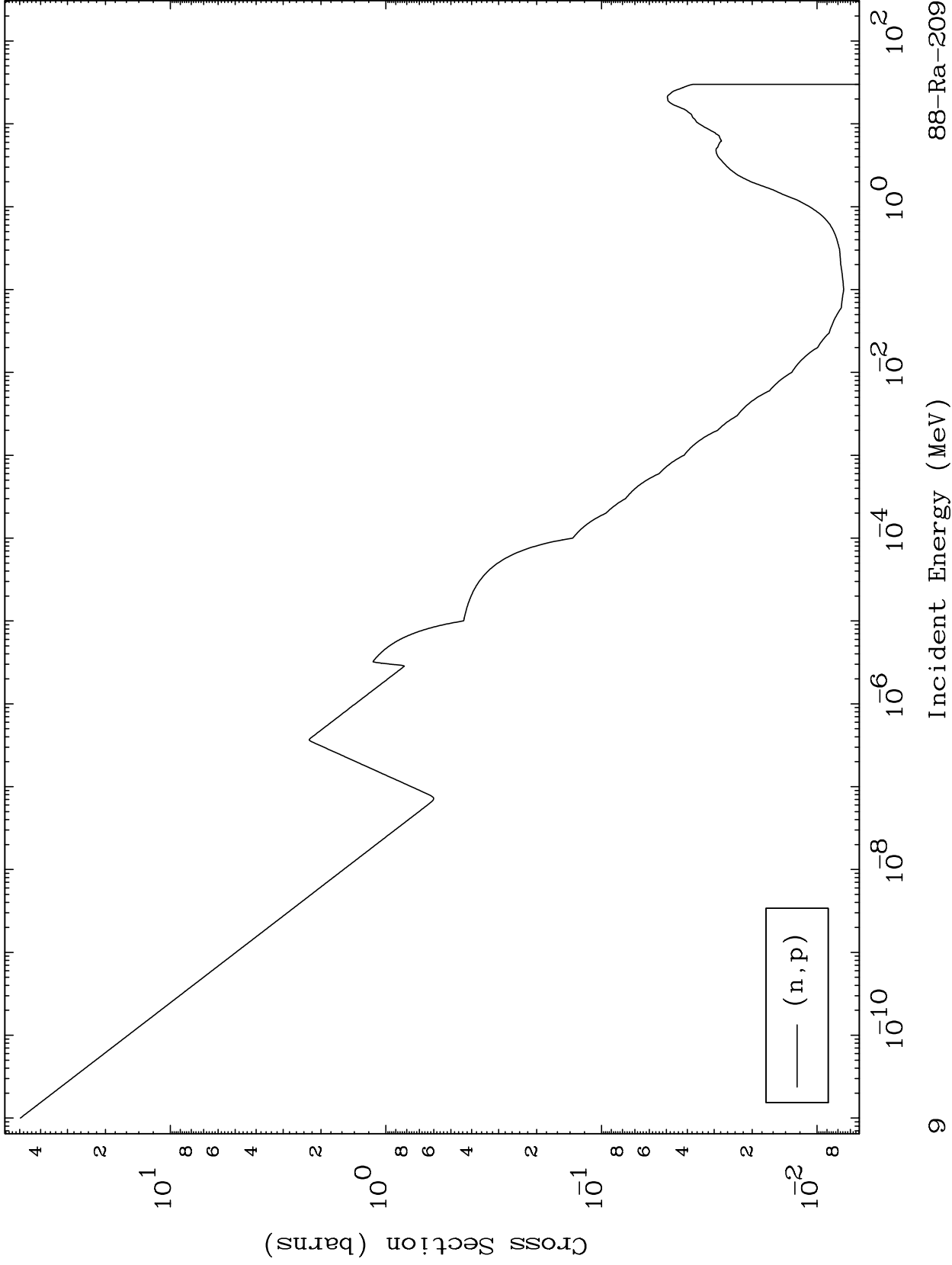
Incident Energy (MeV)

88-Ra-209

MAT 8783

(n,p) Levels
293 Kelvin Cross Sections

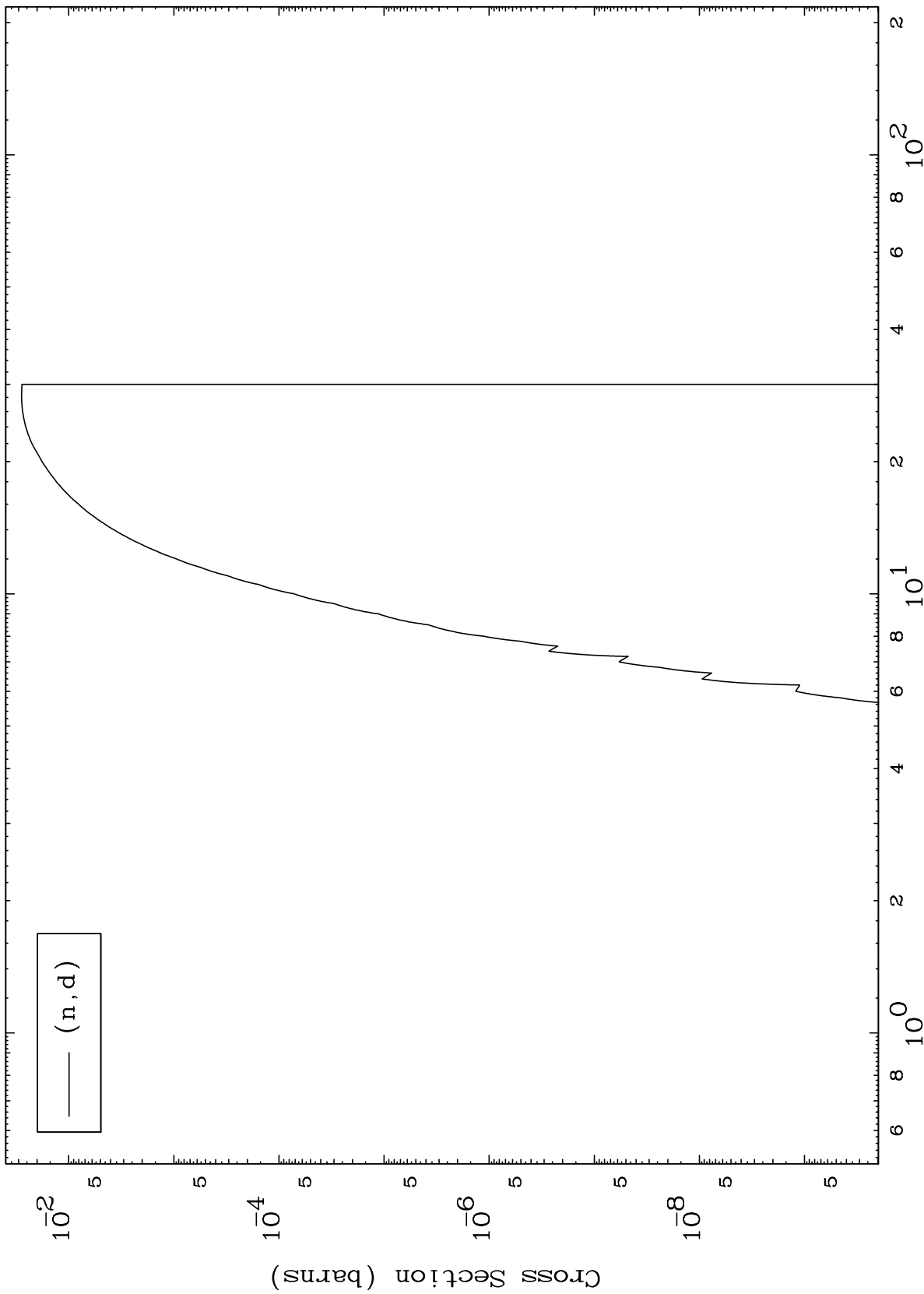
88-Ra-209



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(n,d) Levels
293 Kelvin Cross Sections

88-Ra-209



10

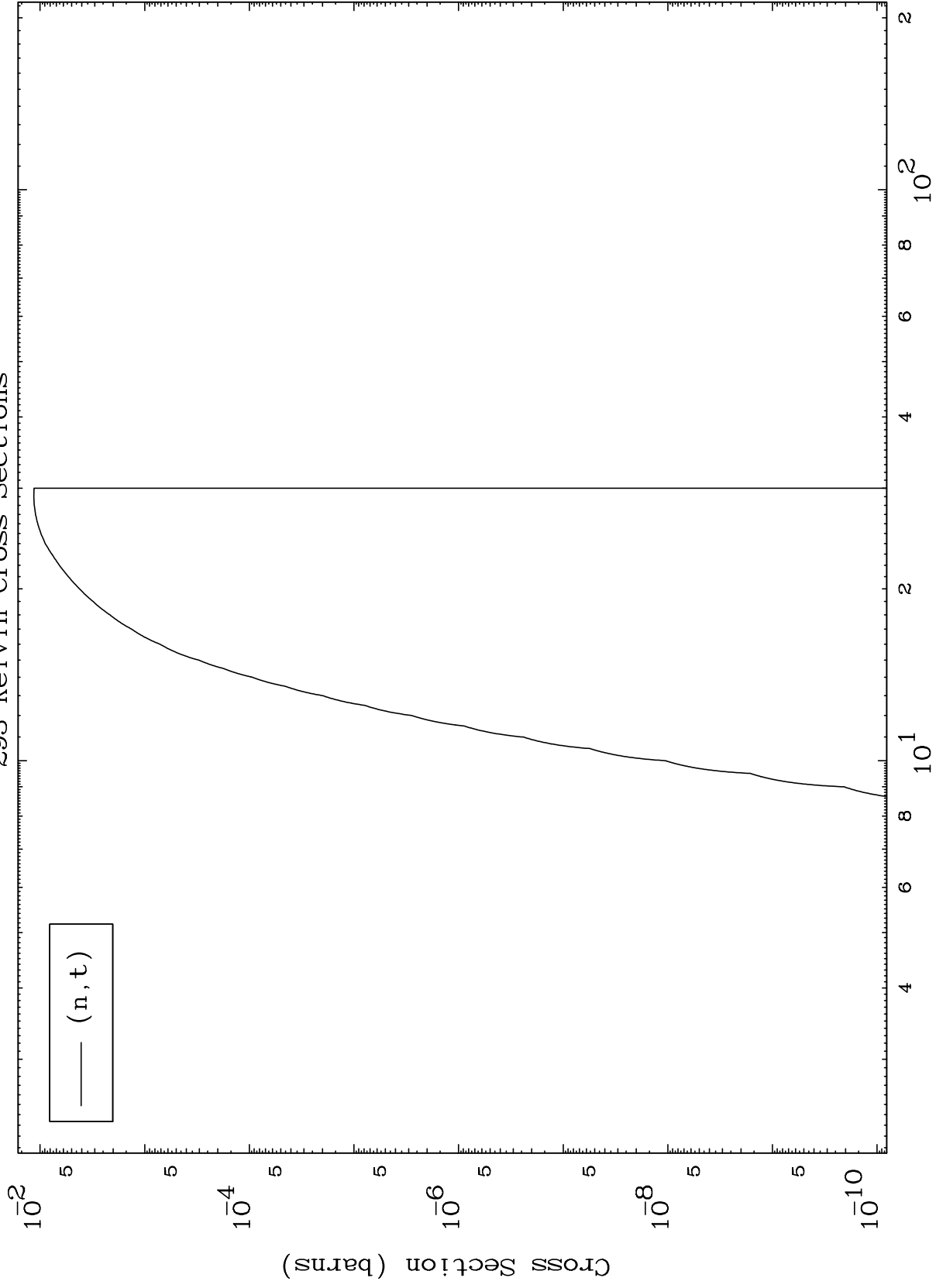
Incident Energy (MeV)

88-Ra-209

MAT 8783

(n,t) Levels
293 Kelvin Cross Sections

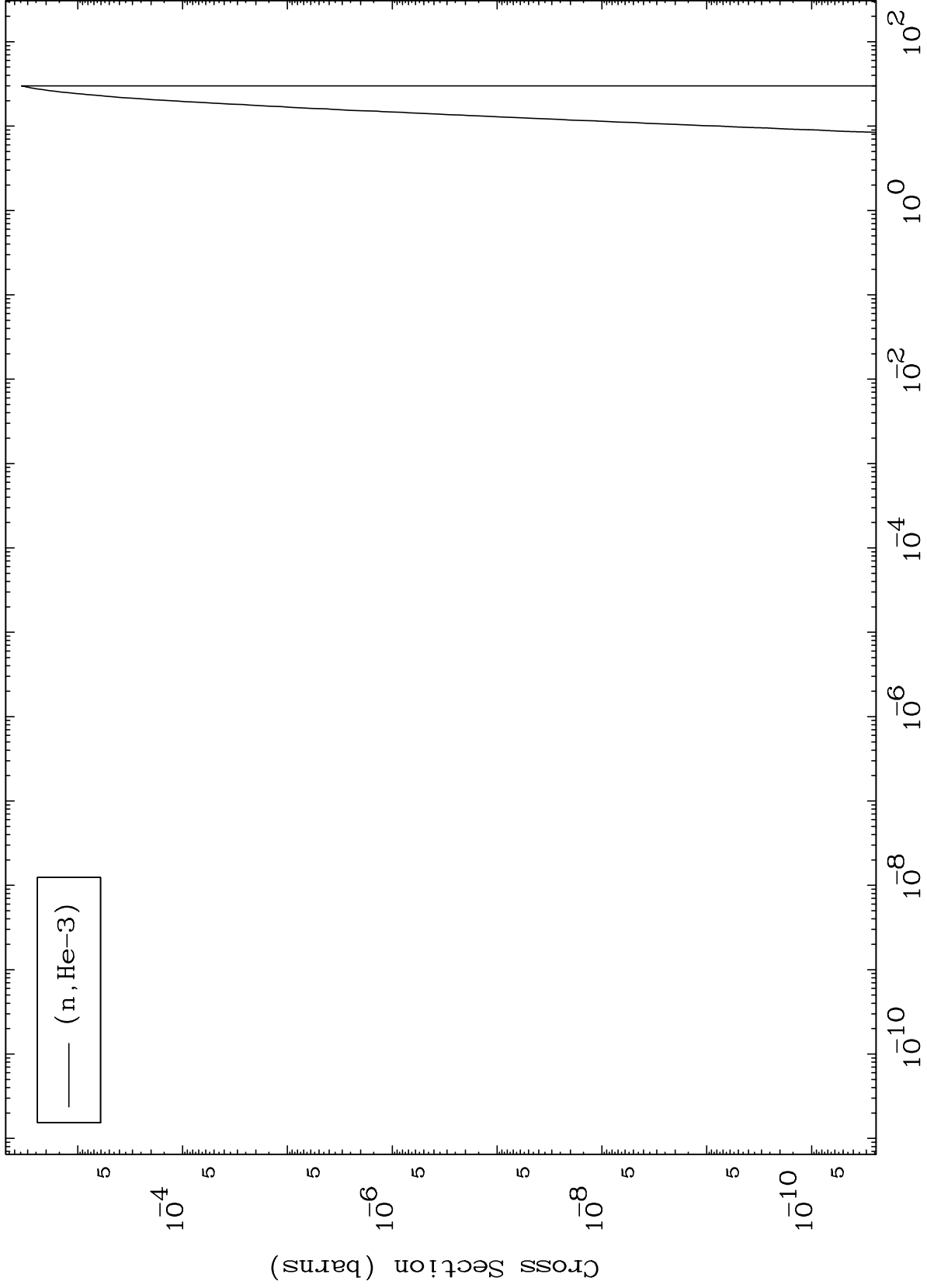
88-Ra-209



MAT 8783

(n,He3) Levels
293 Kelvin Cross Sections

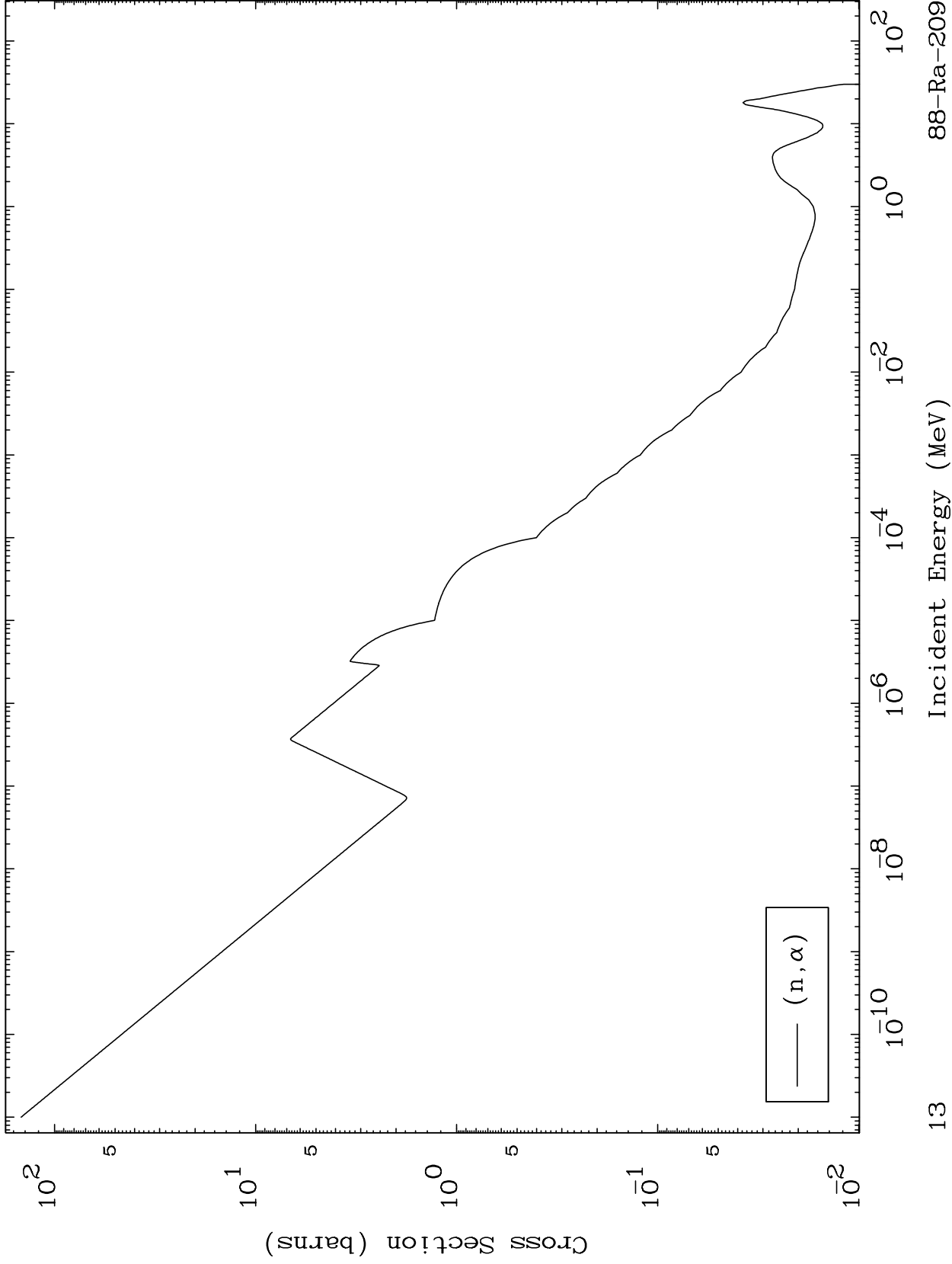
88-Ra-209

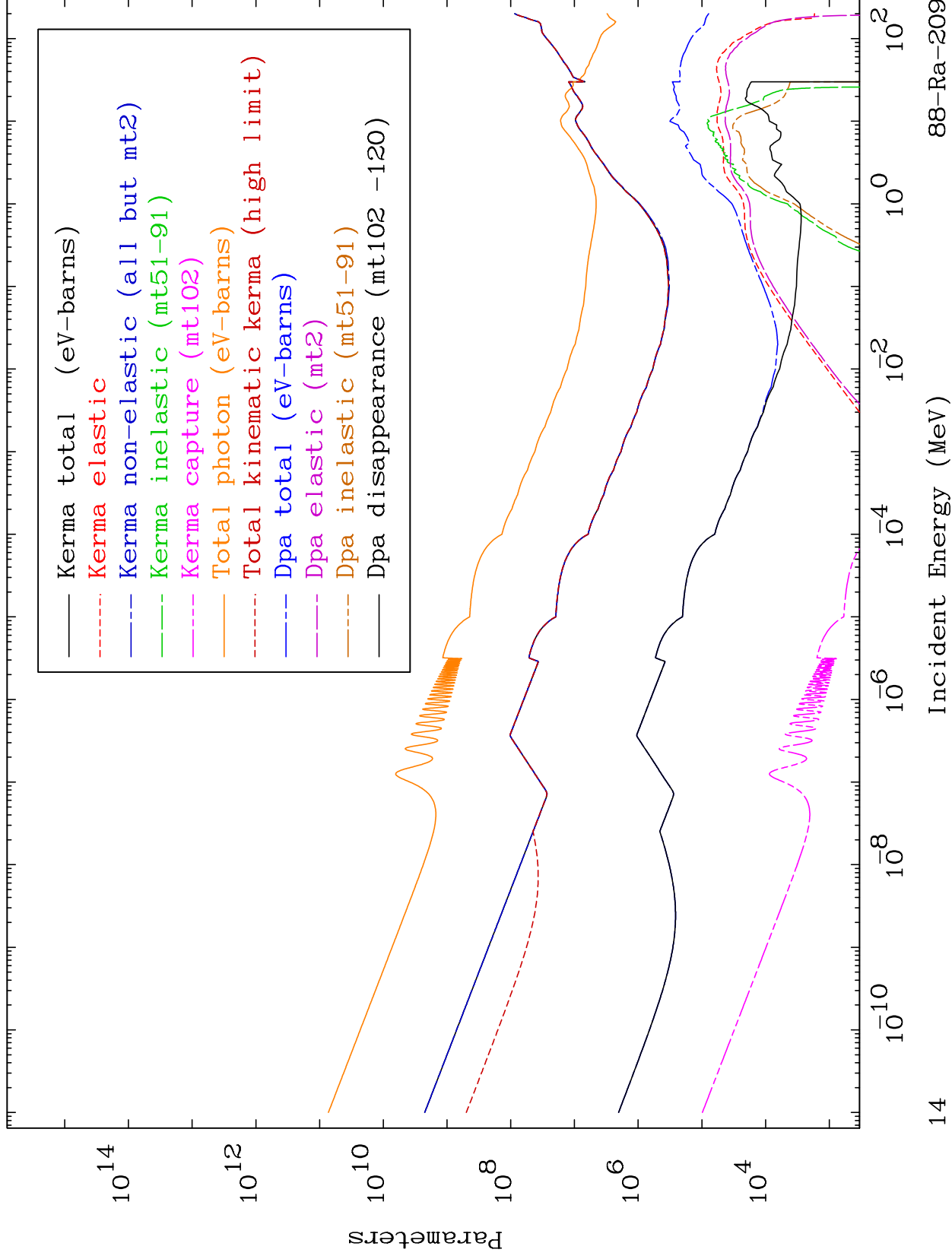


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(n,α) Levels
293 Kelvin Cross Sections

88-Ra-209

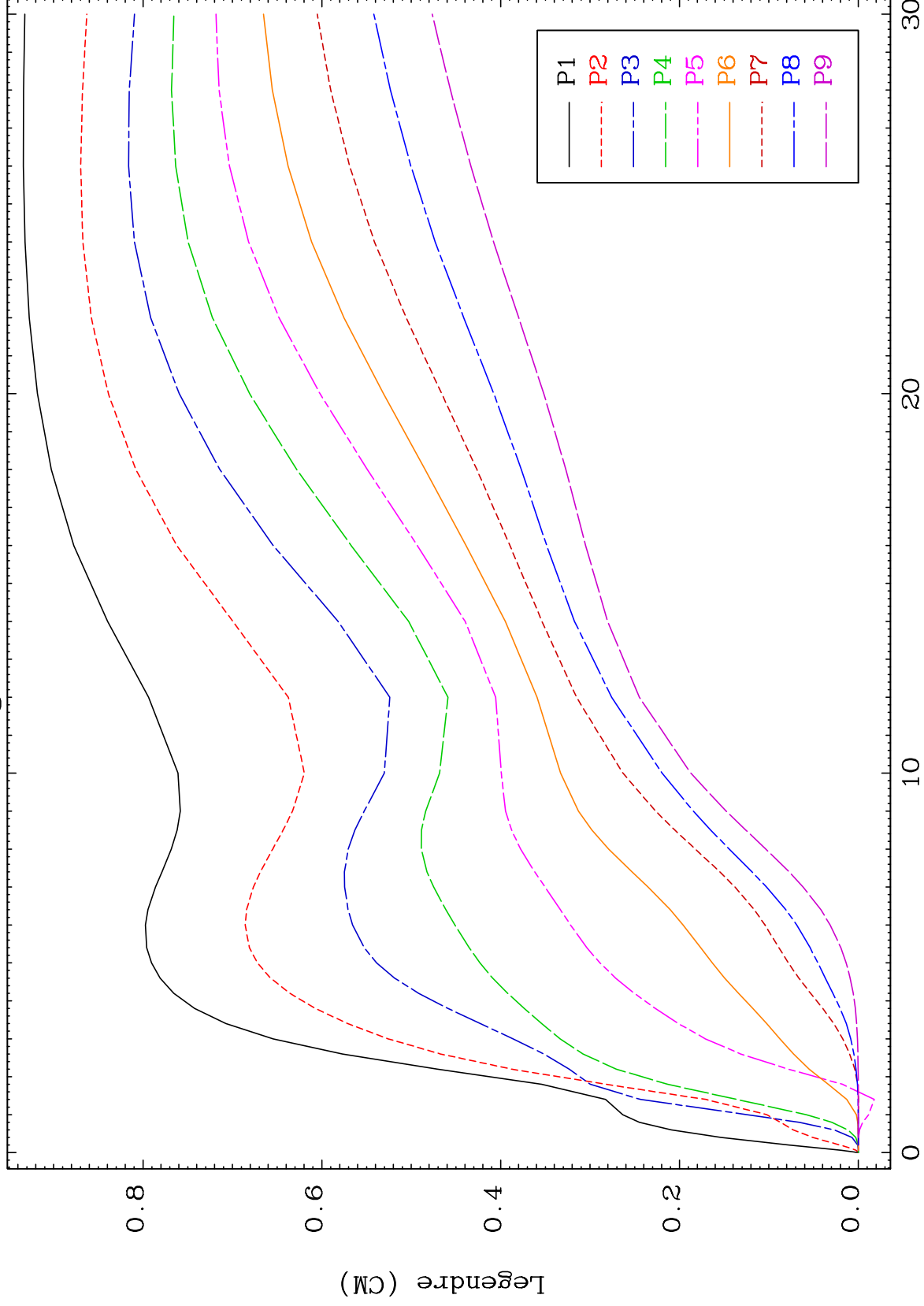




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Elastic Legendre Coefficients

88-Ra-209



0

15

Incident Energy (MeV)

10

20

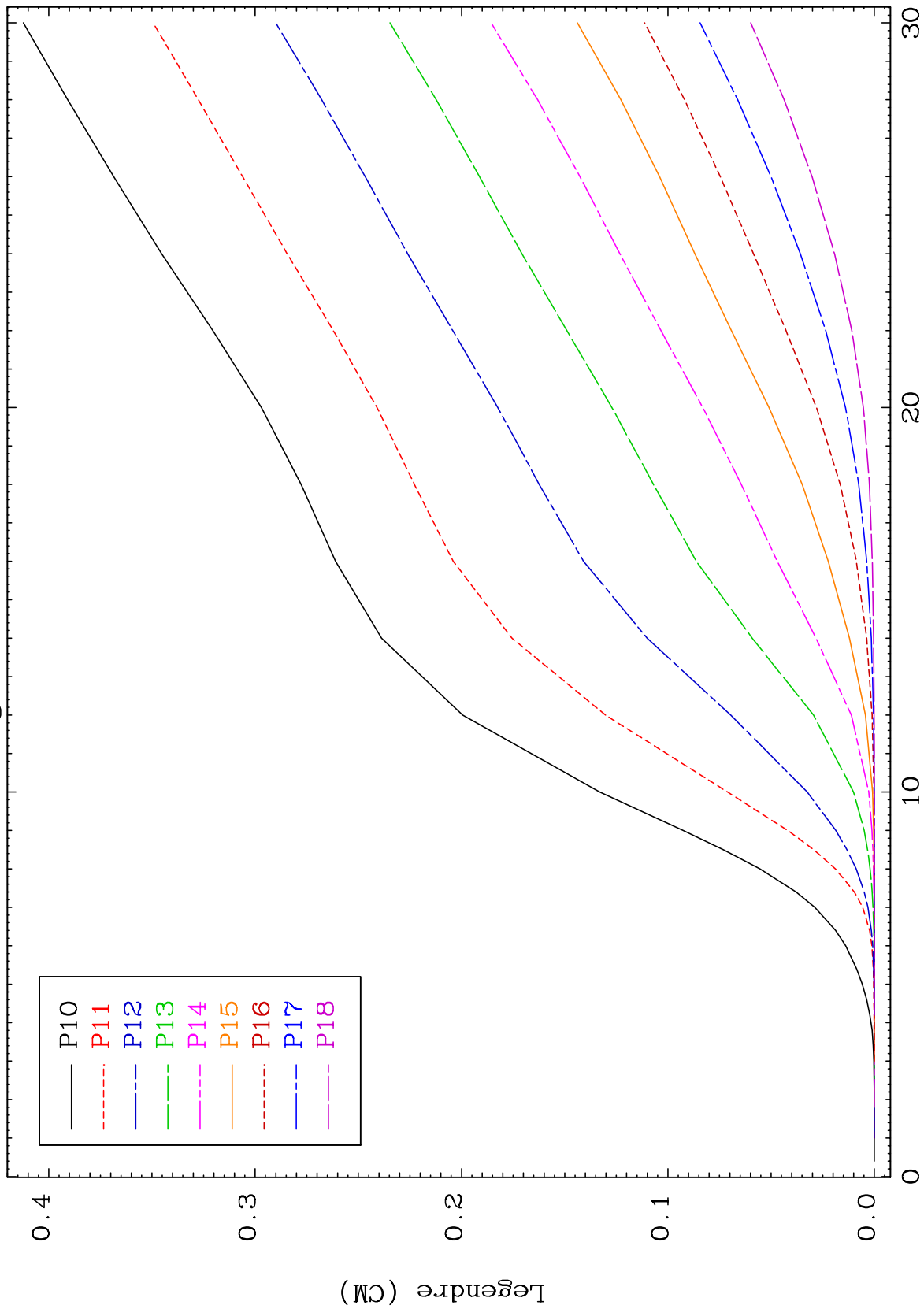
30

88-Ra-209

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Elastic Legendre Coefficients

88-Ra-209



16

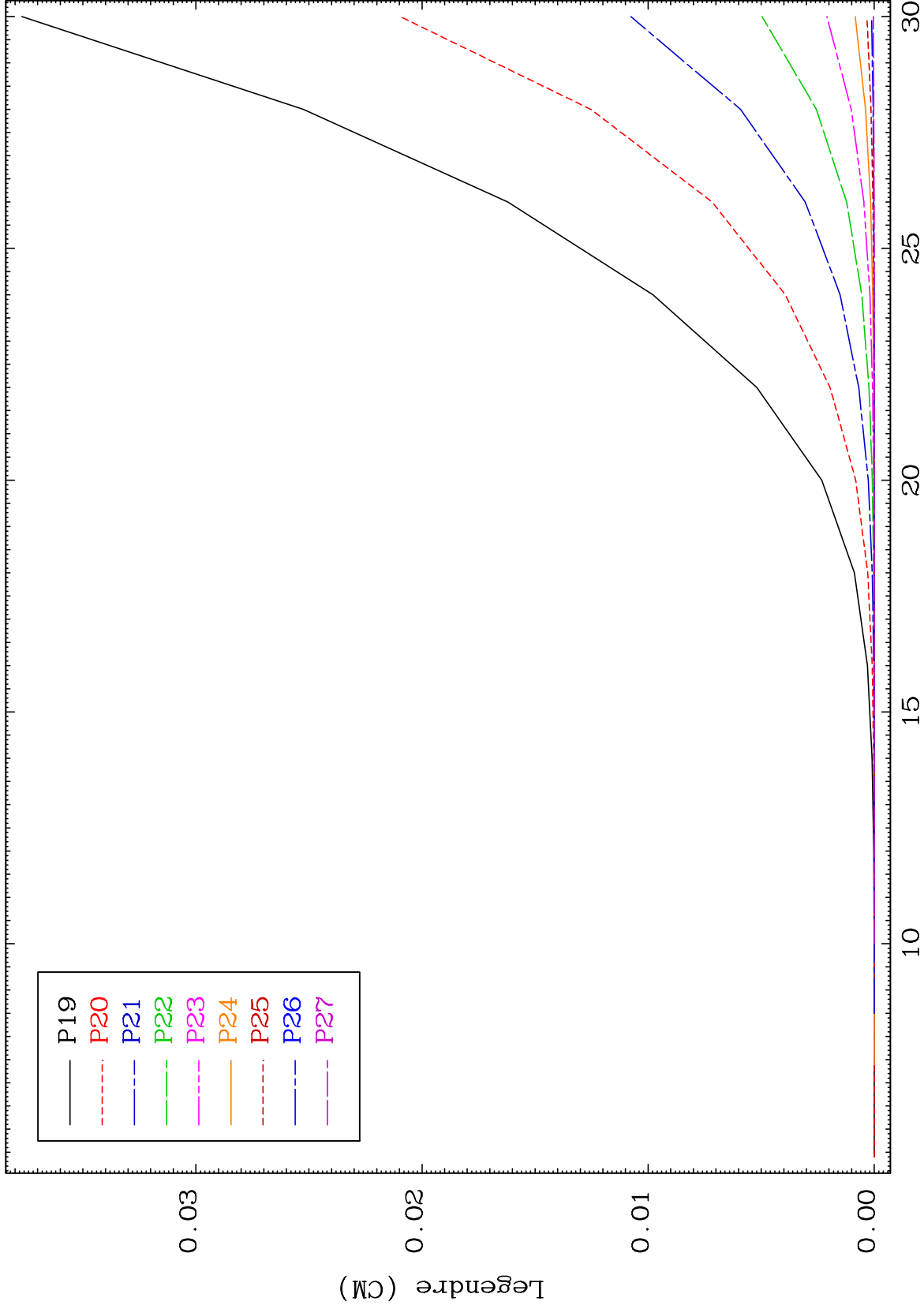
Incident Energy (MeV)

88-Ra-209

MAT 8783

Elastic Legendre Coefficients

88-Ra-209



17

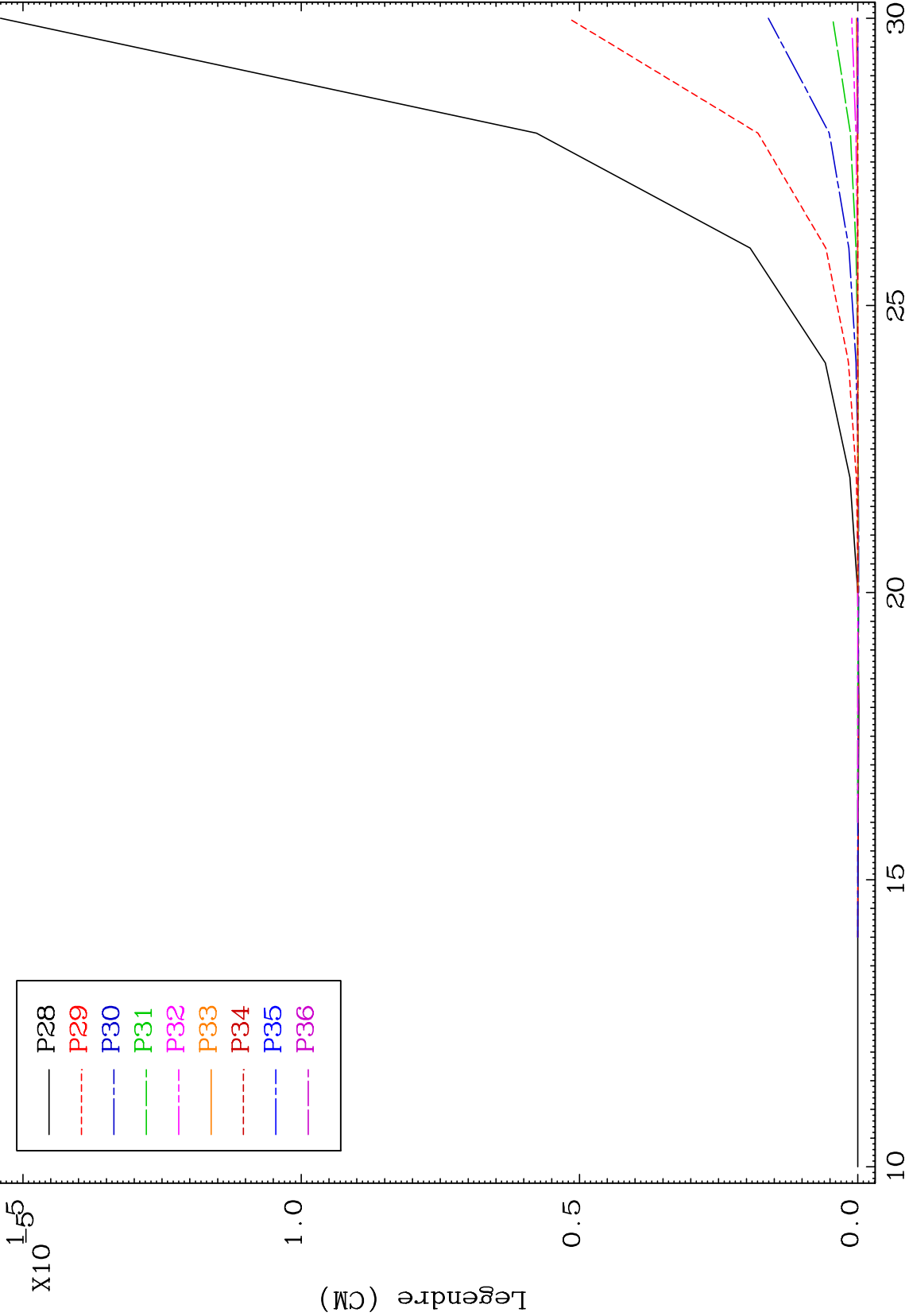
Incident Energy (MeV)

88-Ra-209

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Elastic Legendre Coefficients

88-Ra-209



88-Ra-209

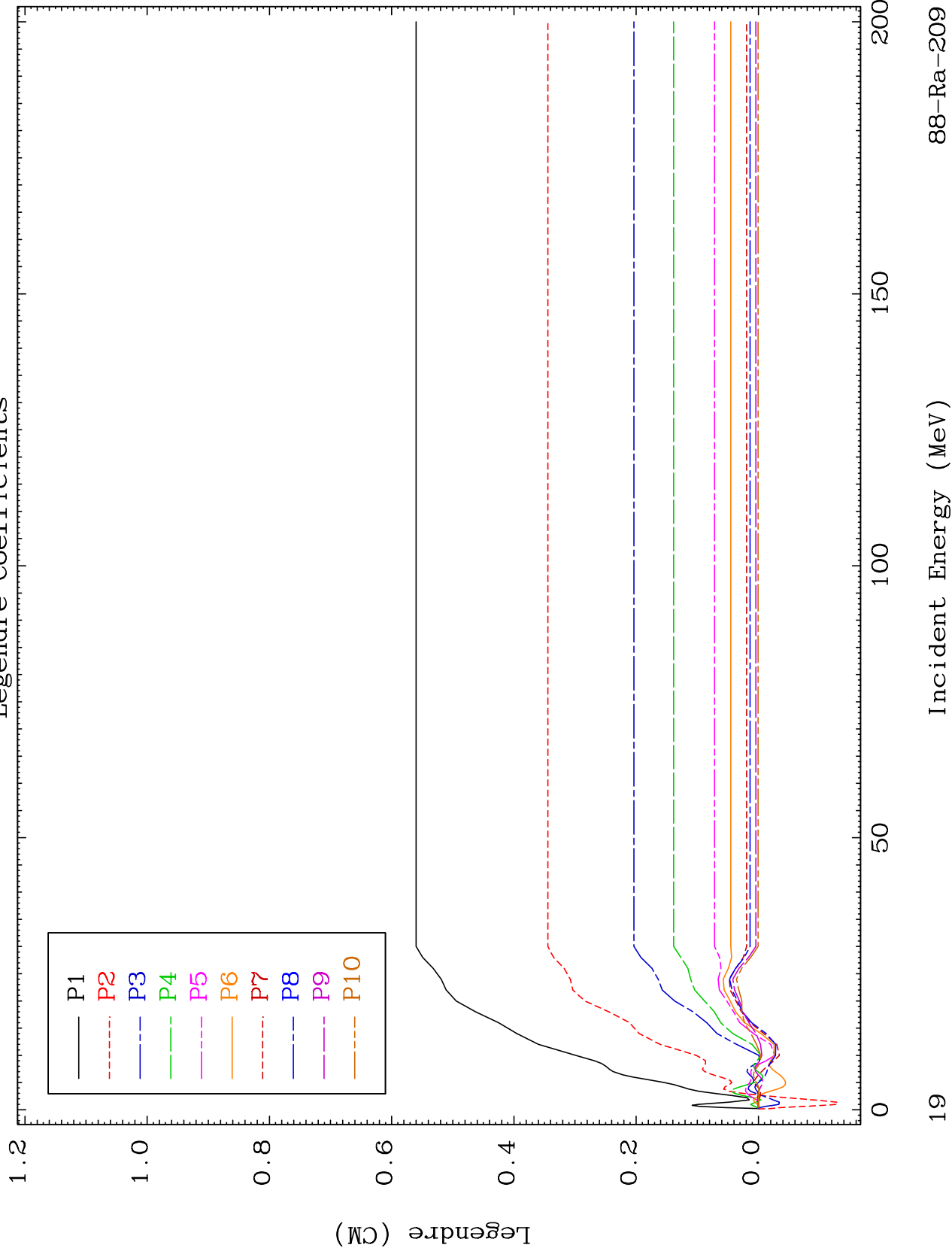
Incident Energy (MeV)

18

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124.4 keV (n, n') Level
Legendre Coefficients

88-Ra-209



19

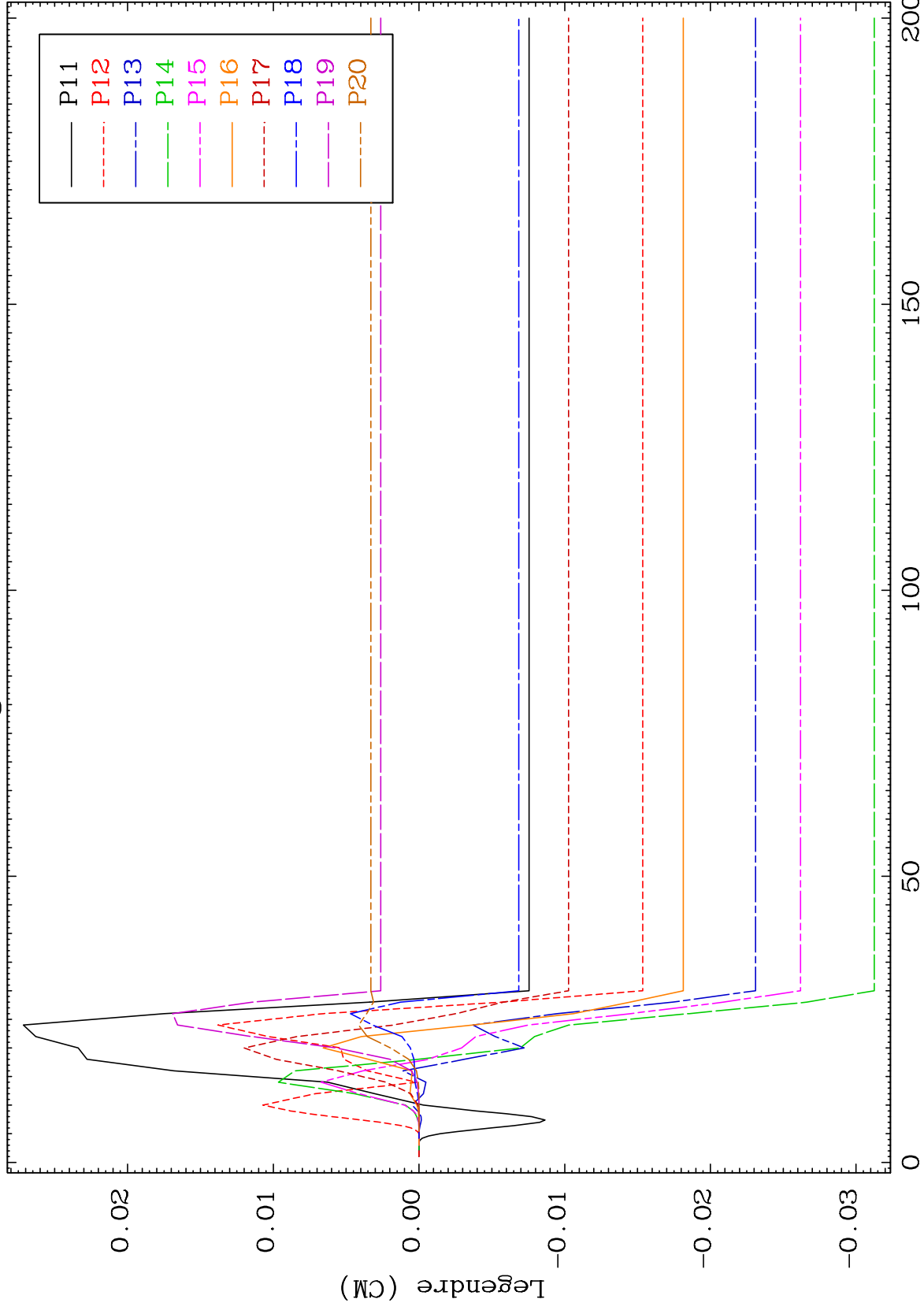
Incident Energy (MeV)

88-Ra-209

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124.4 keV (n, n') Level
Legendre Coefficients

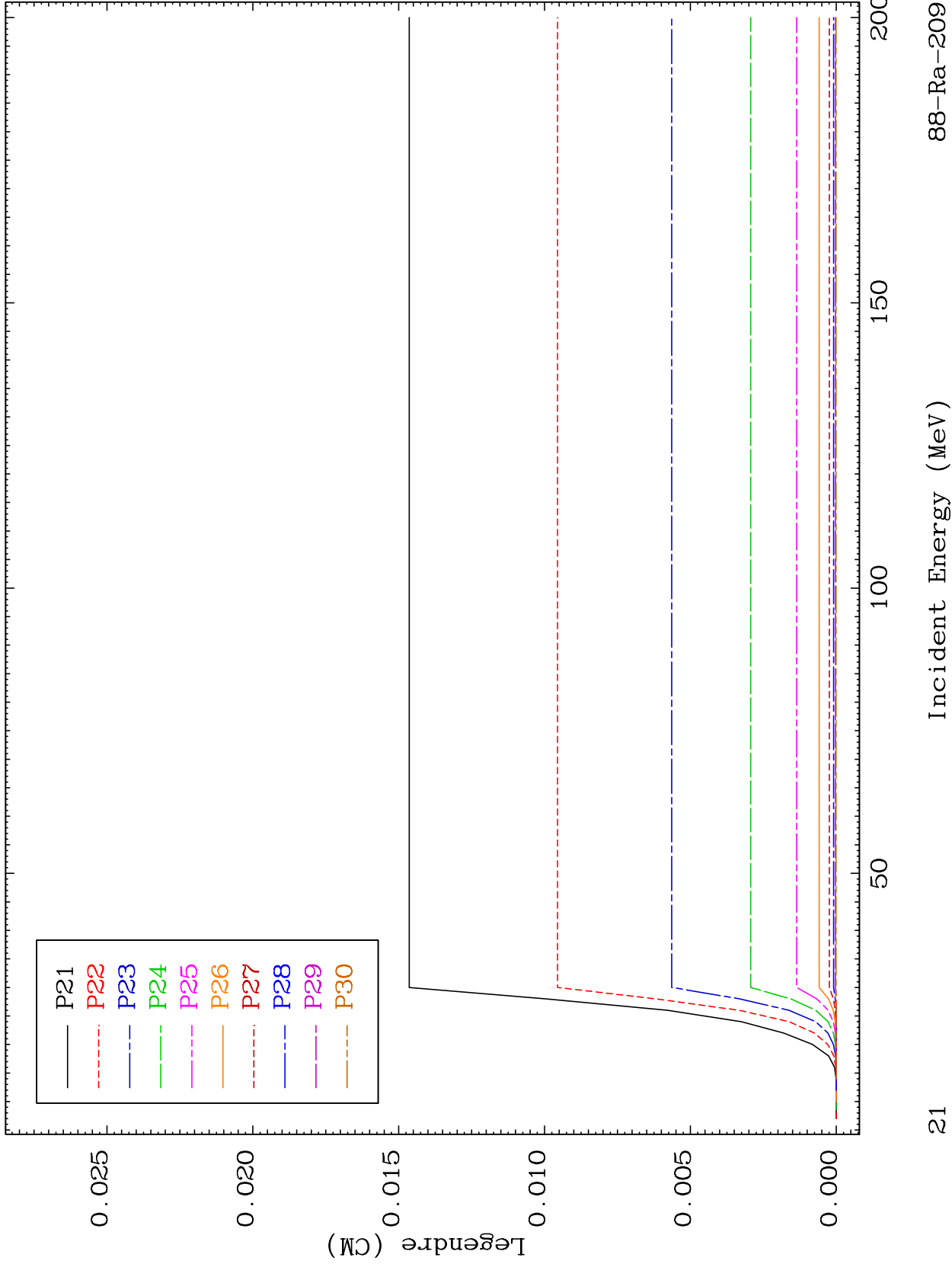
88-Ra-209



88-Ra-209

Incident Energy (MeV)

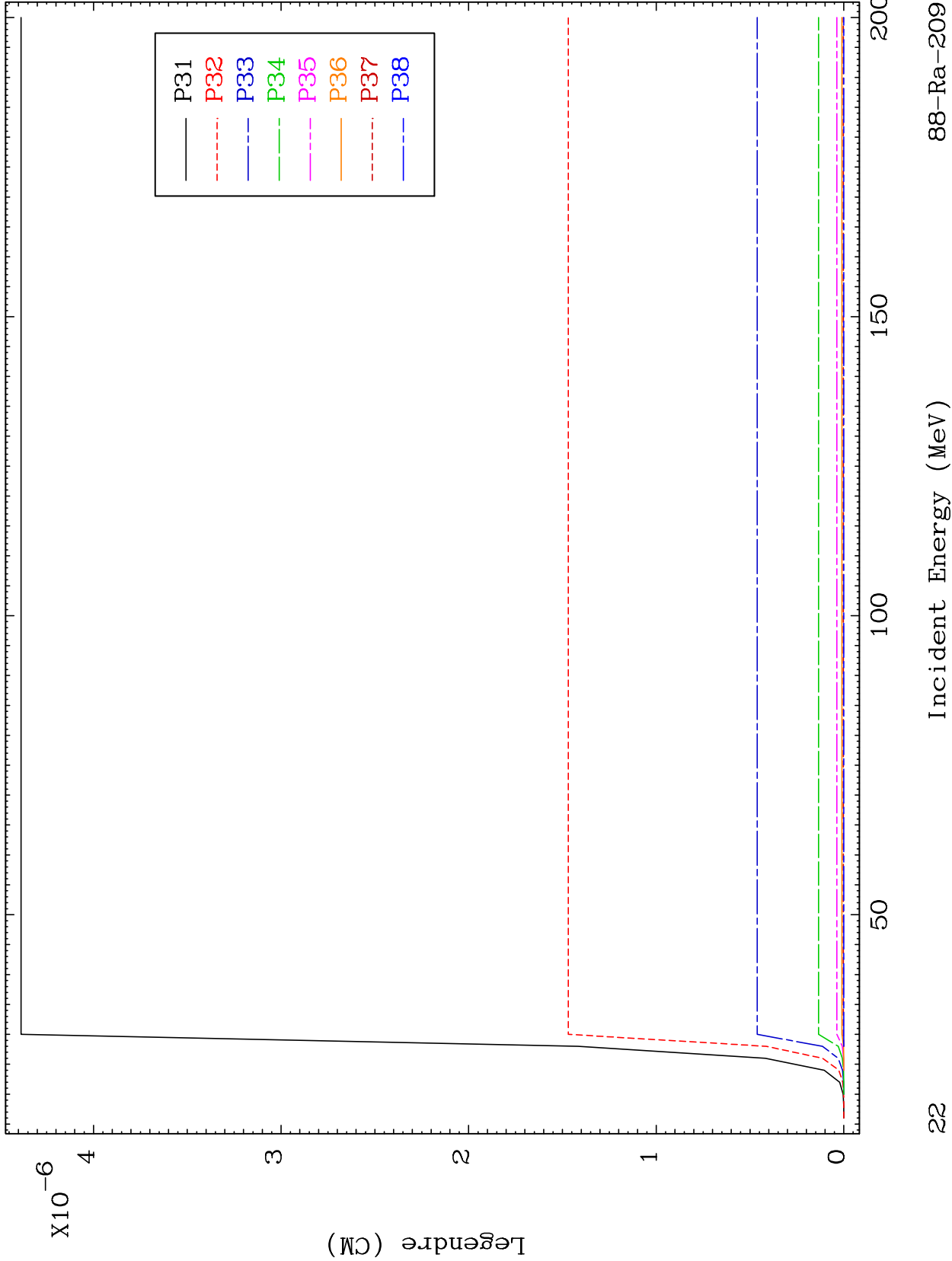
20



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124.4 keV (n,n') Level
Legendre Coefficients

88-Ra-209



22

Incident Energy (MeV)

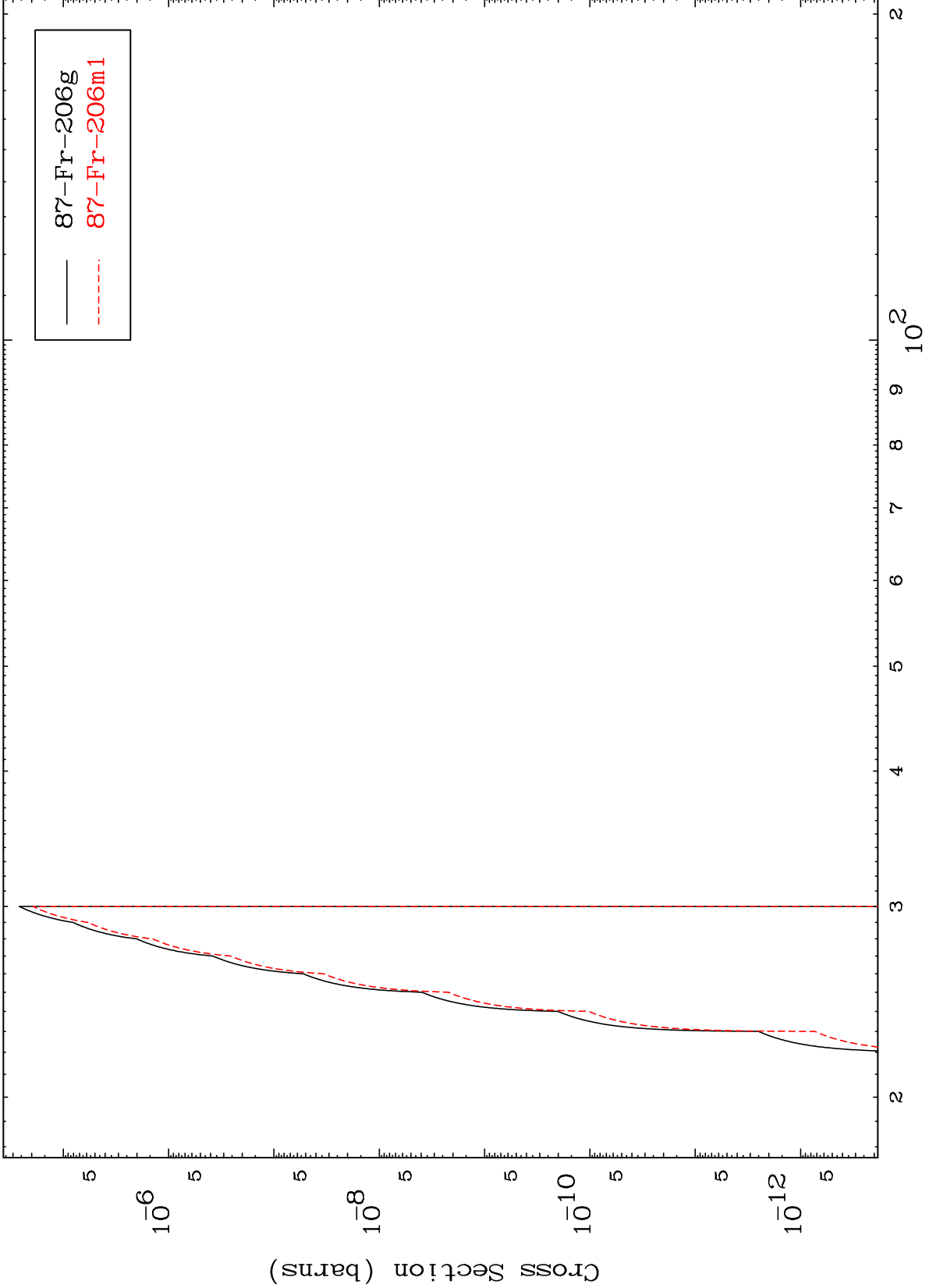
88-Ra-209

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(n,2n) d

88-Ra-209

Radionuclide Production Cross Section



23

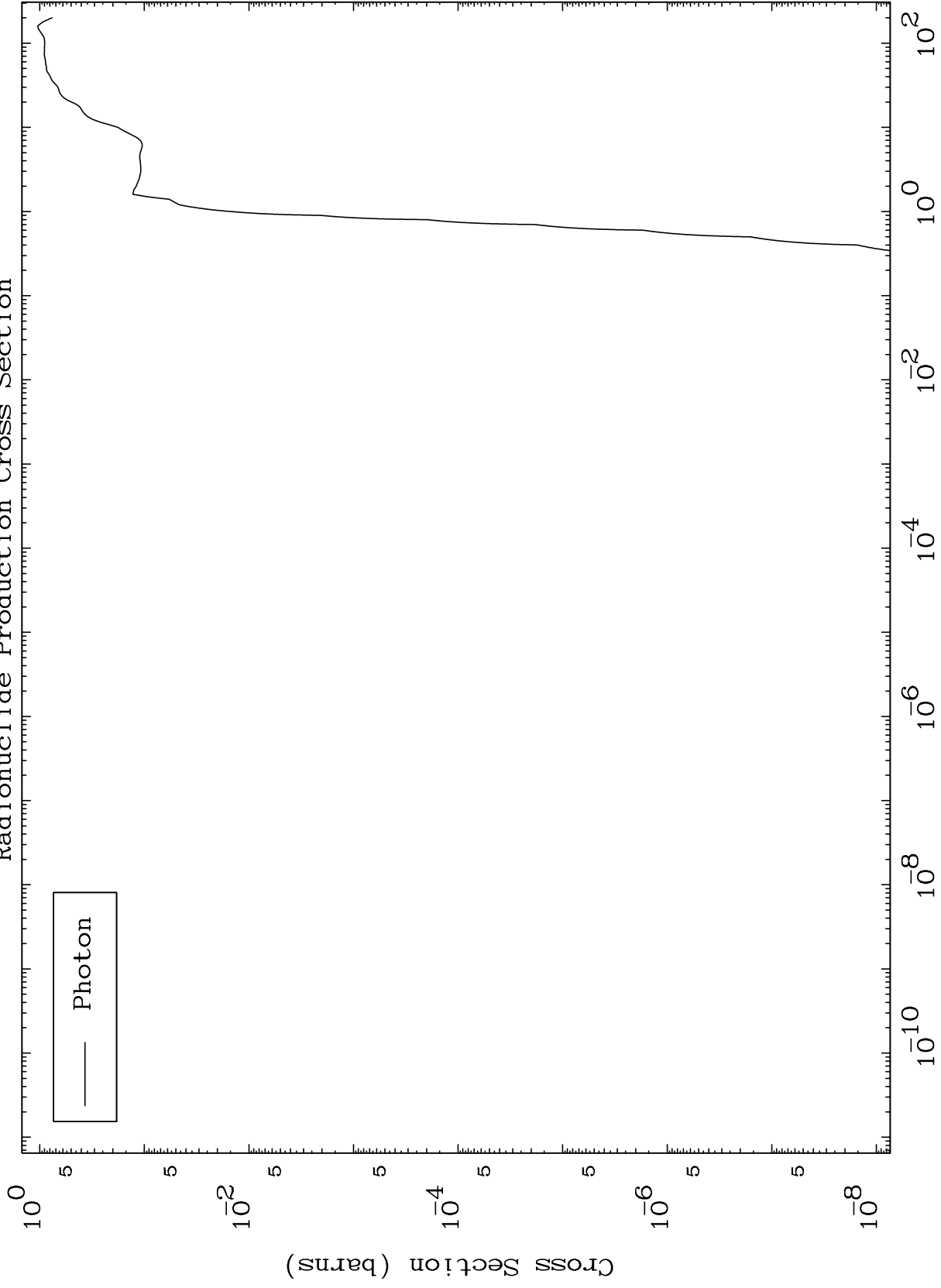
Incident Energy (MeV)

88-Ra-209

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Fission
Radionuclide Production Cross Section

88-Ra-209

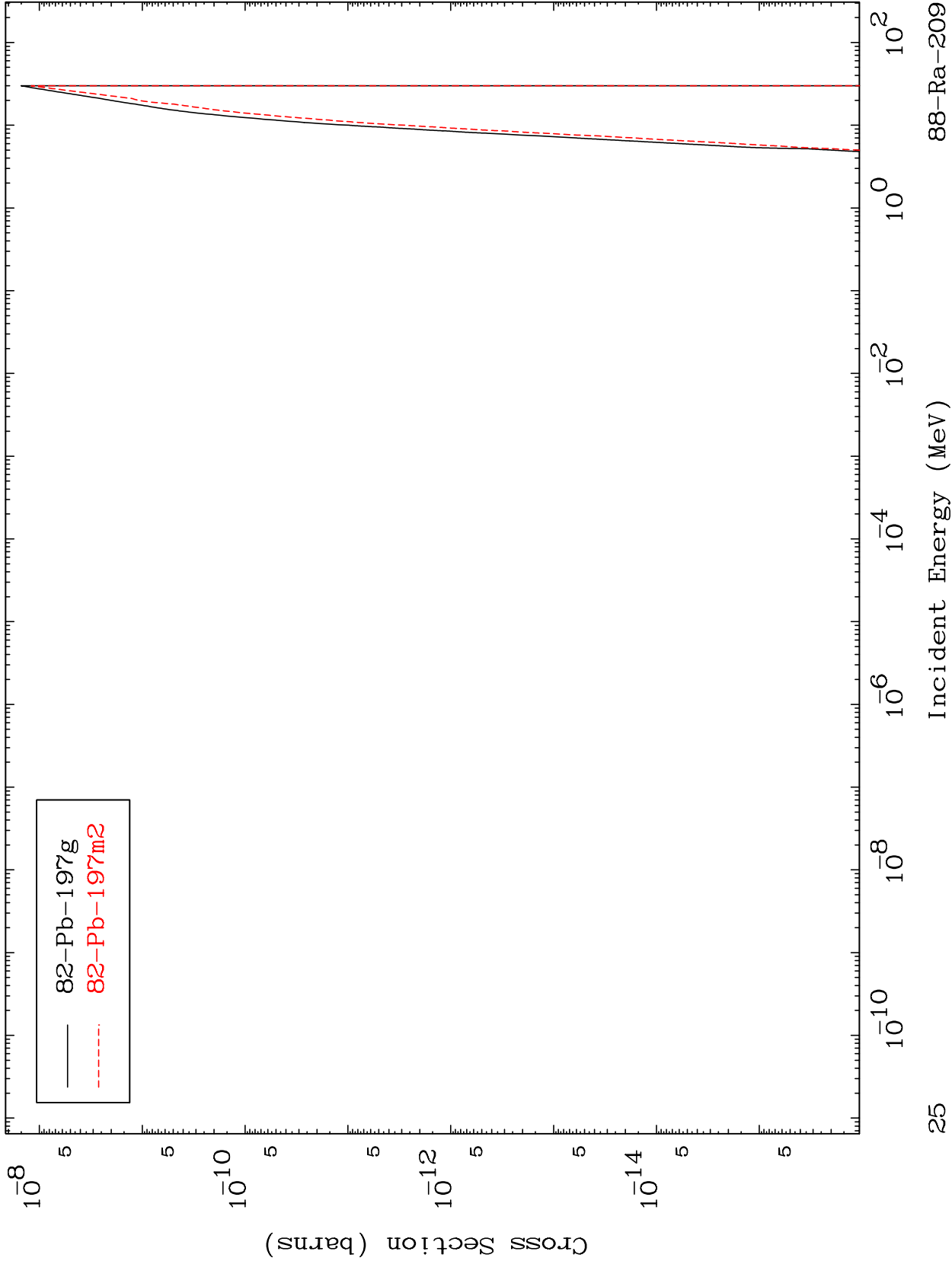


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(n,n') 3 α

88-Ra-209

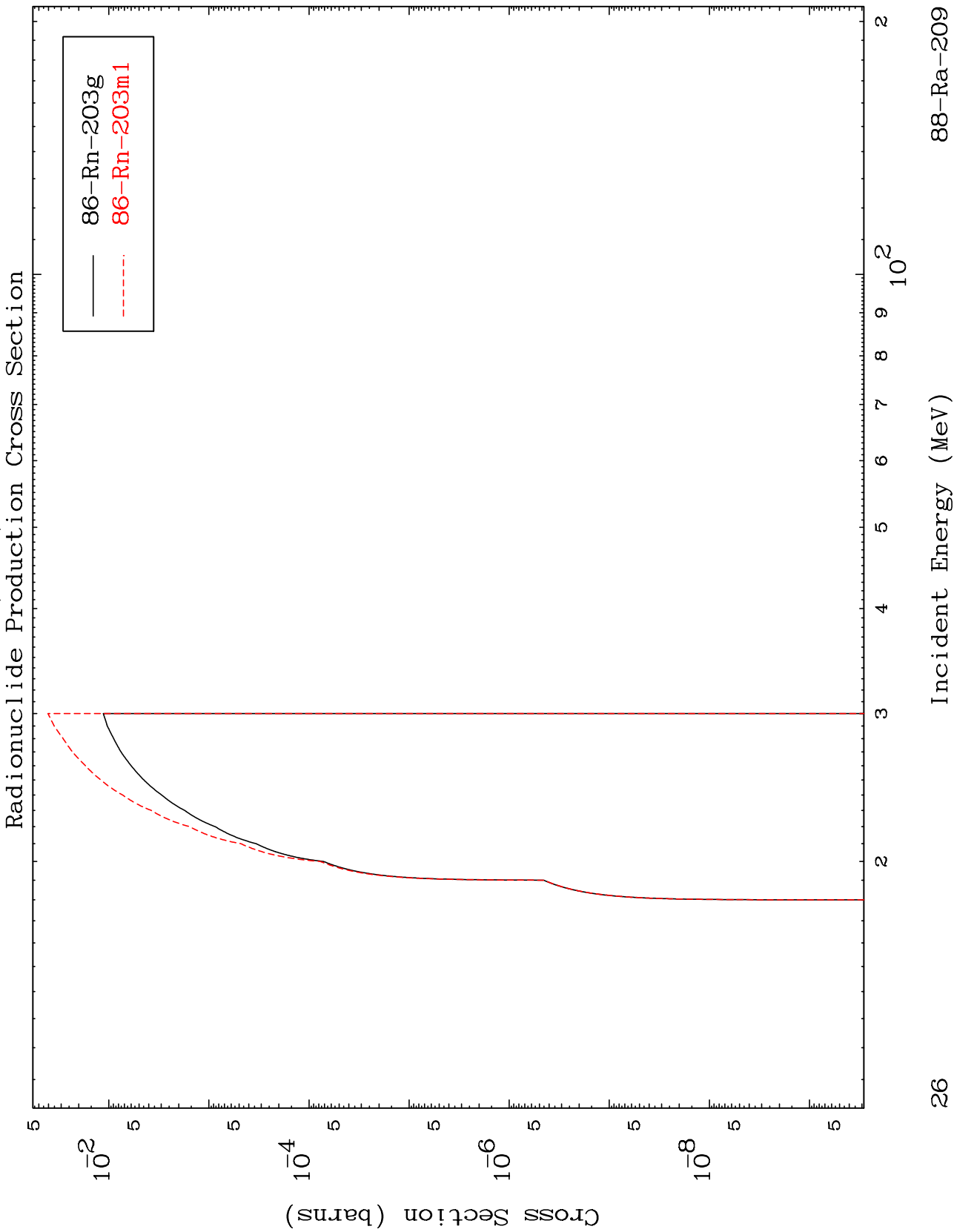
Radionuclide Production Cross Section



MAT 8783

(n,3n) α

88-Ra-209



26

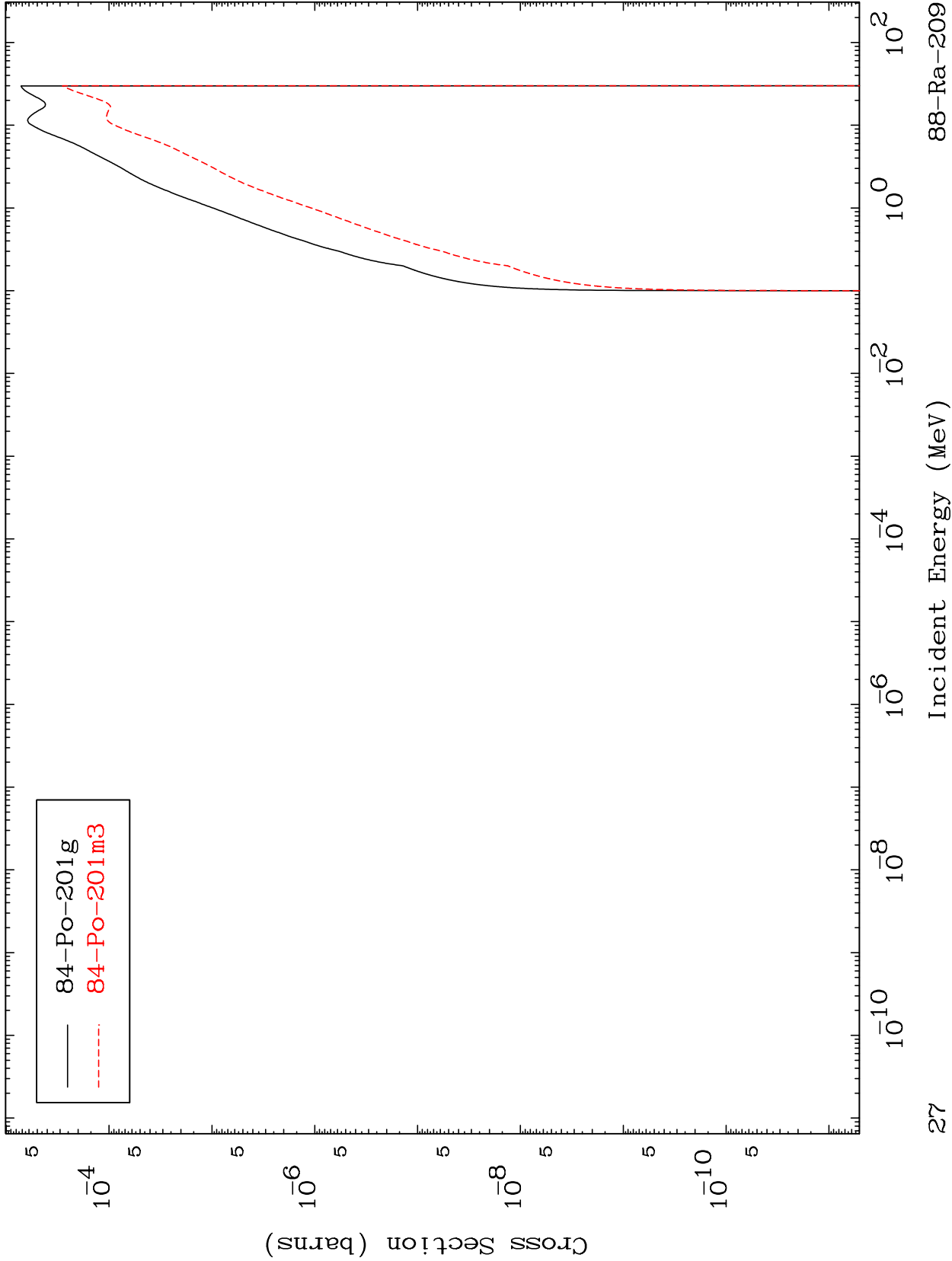
88-Ra-209

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(n,n') 2 α

88-Ra-209

Radionuclide Production Cross Section

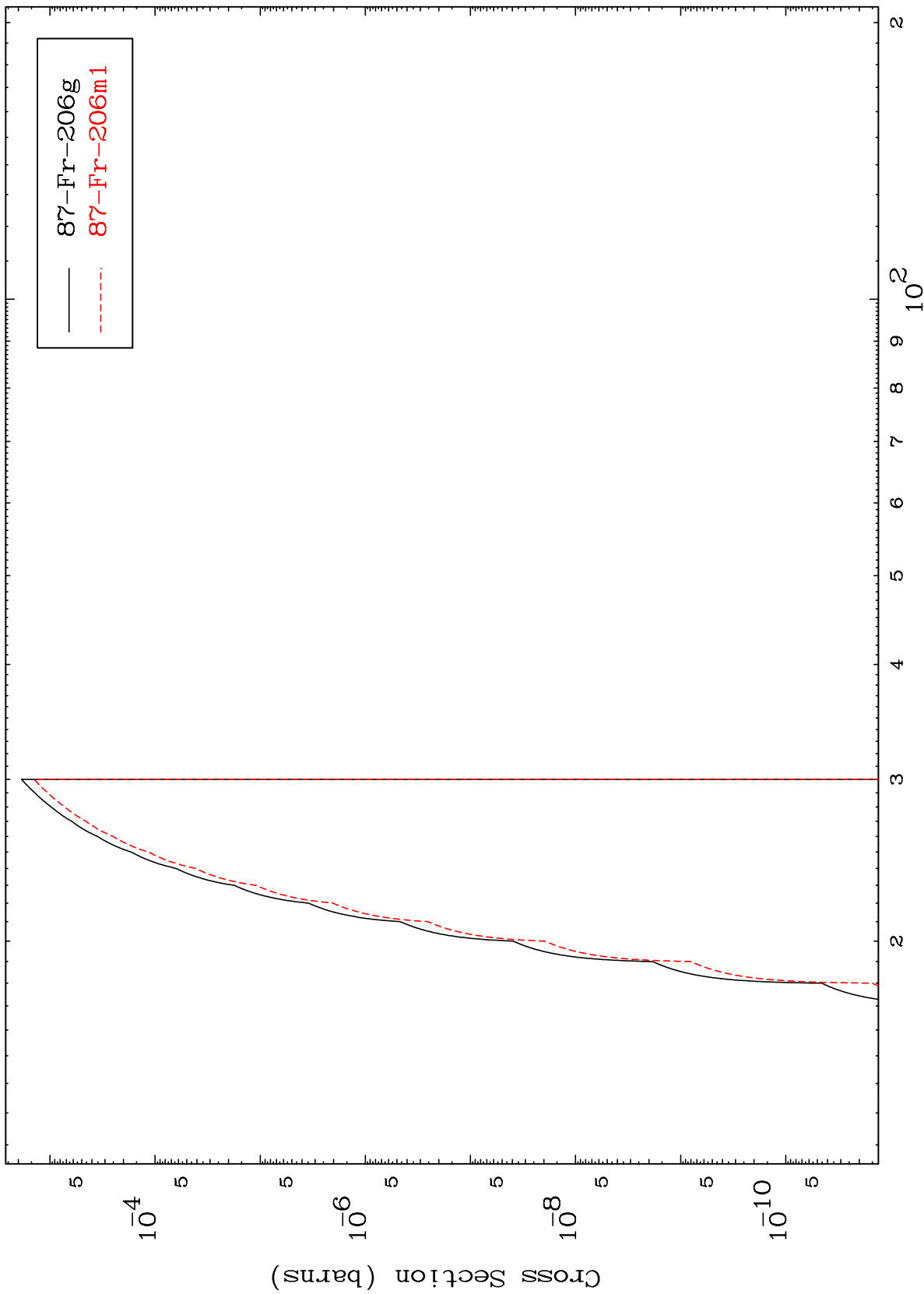


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(n,n') t

88-Ra-209

Radionuclide Production Cross Section



28

Incident Energy (MeV)

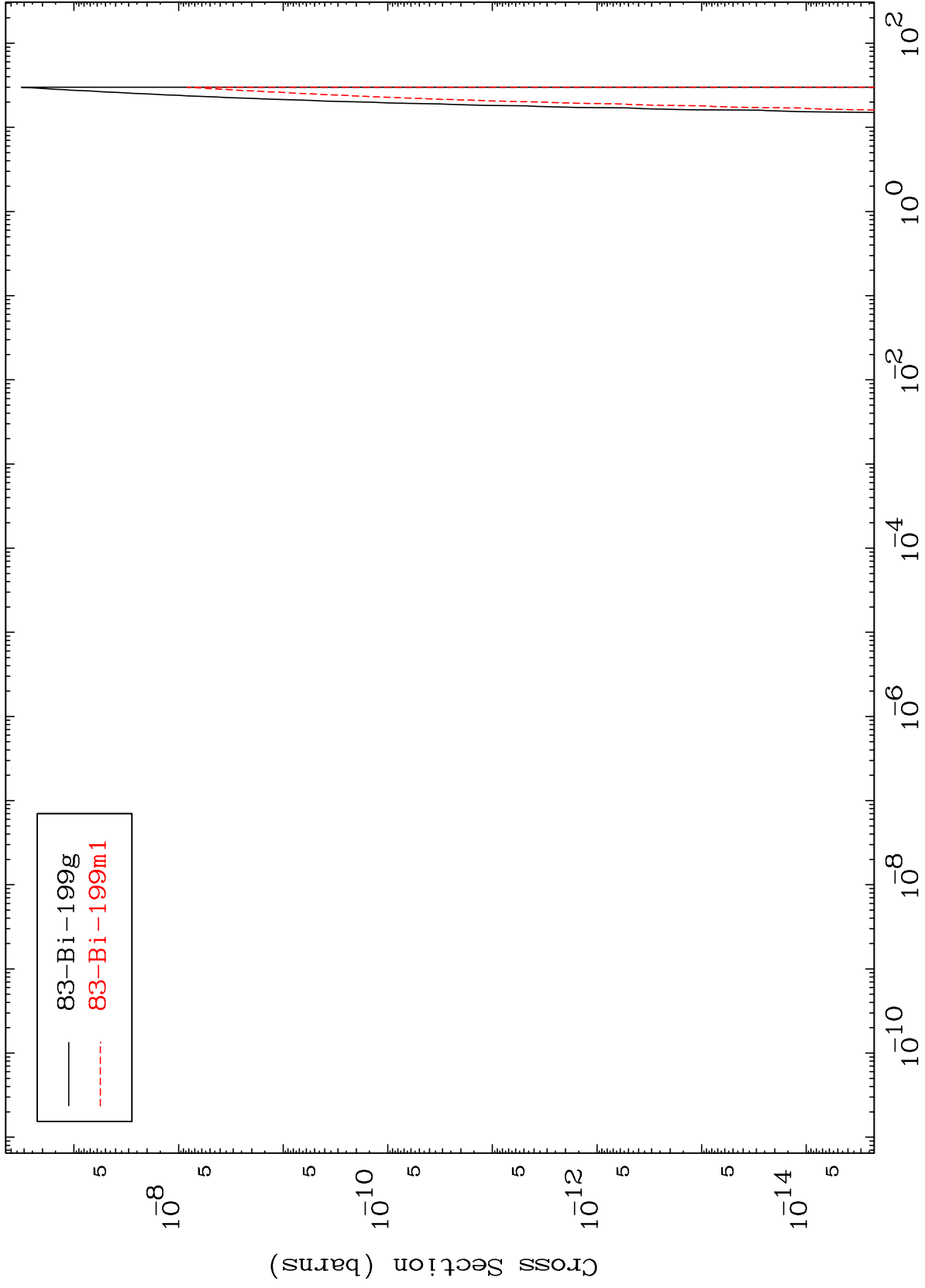
88-Ra-209

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(n,n') d,2α

88-Ra-209

Radionuclide Production Cross Section



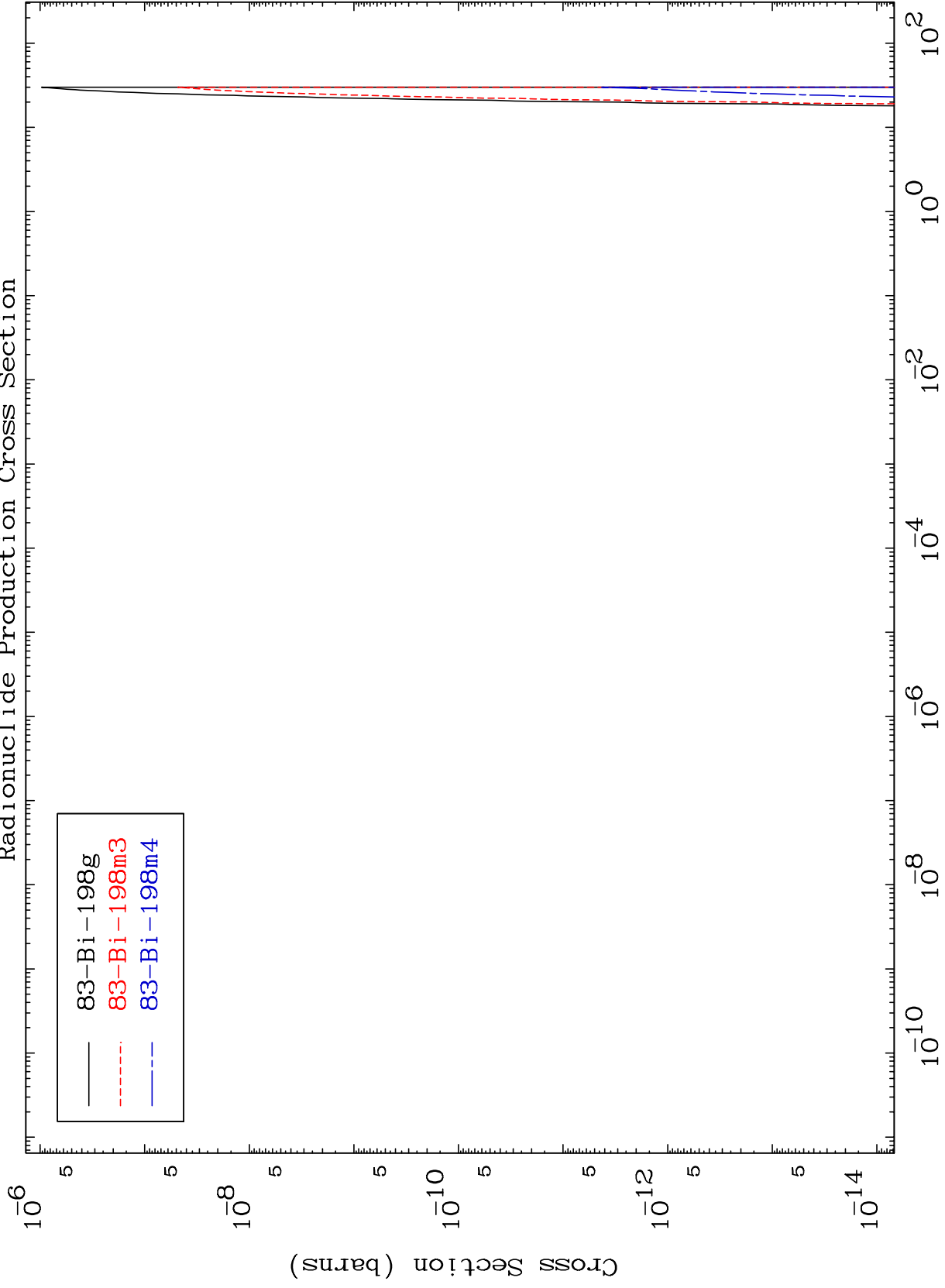
83-Bi-199g
83-Bi-199m1

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(n,n') t,2α

88-Ra-209

Radionuclide Production Cross Section



30

Incident Energy (MeV)

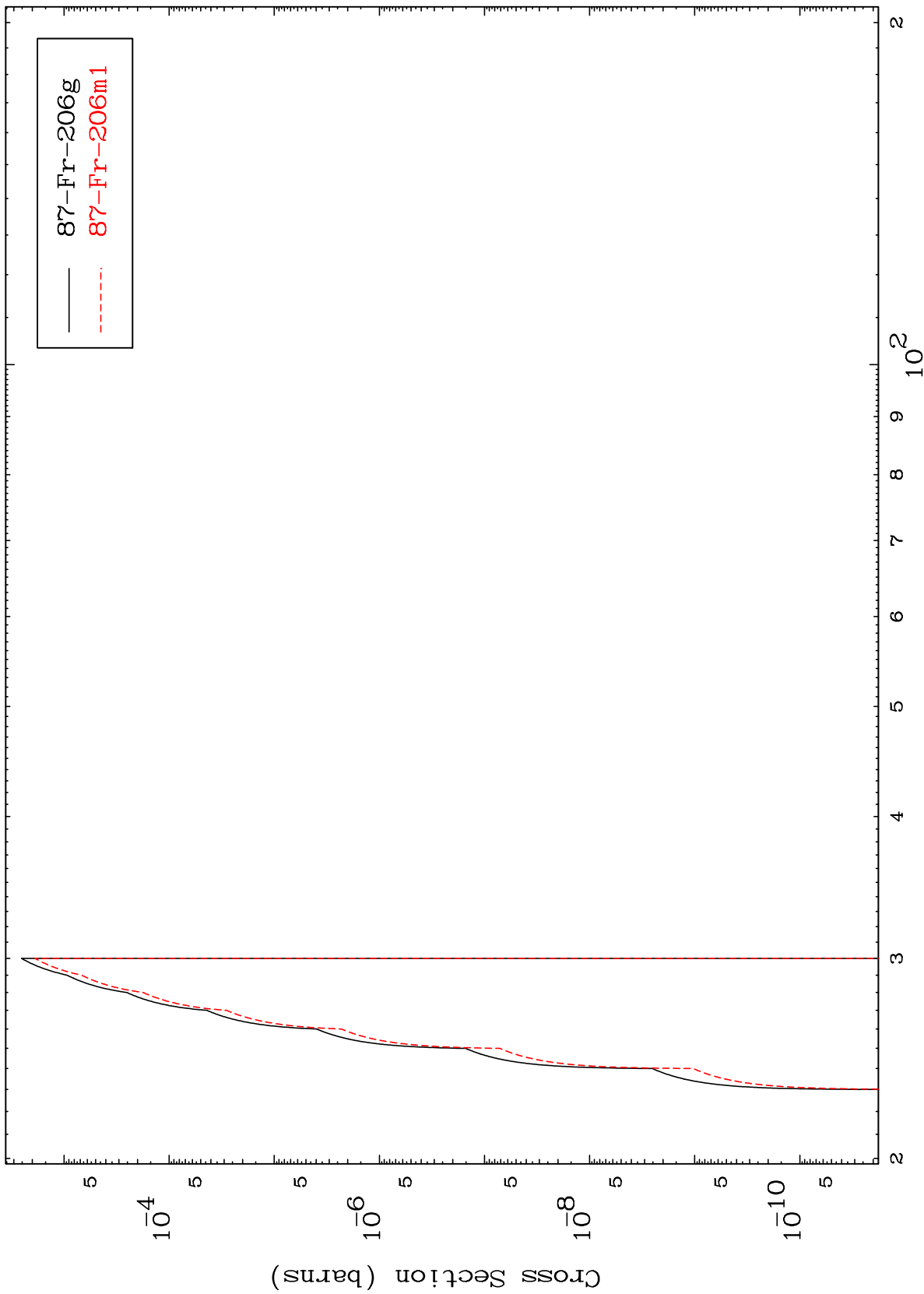
88-Ra-209

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(n,3n) p

88-Ra-209

Radionuclide Production Cross Section



31

Incident Energy (MeV)

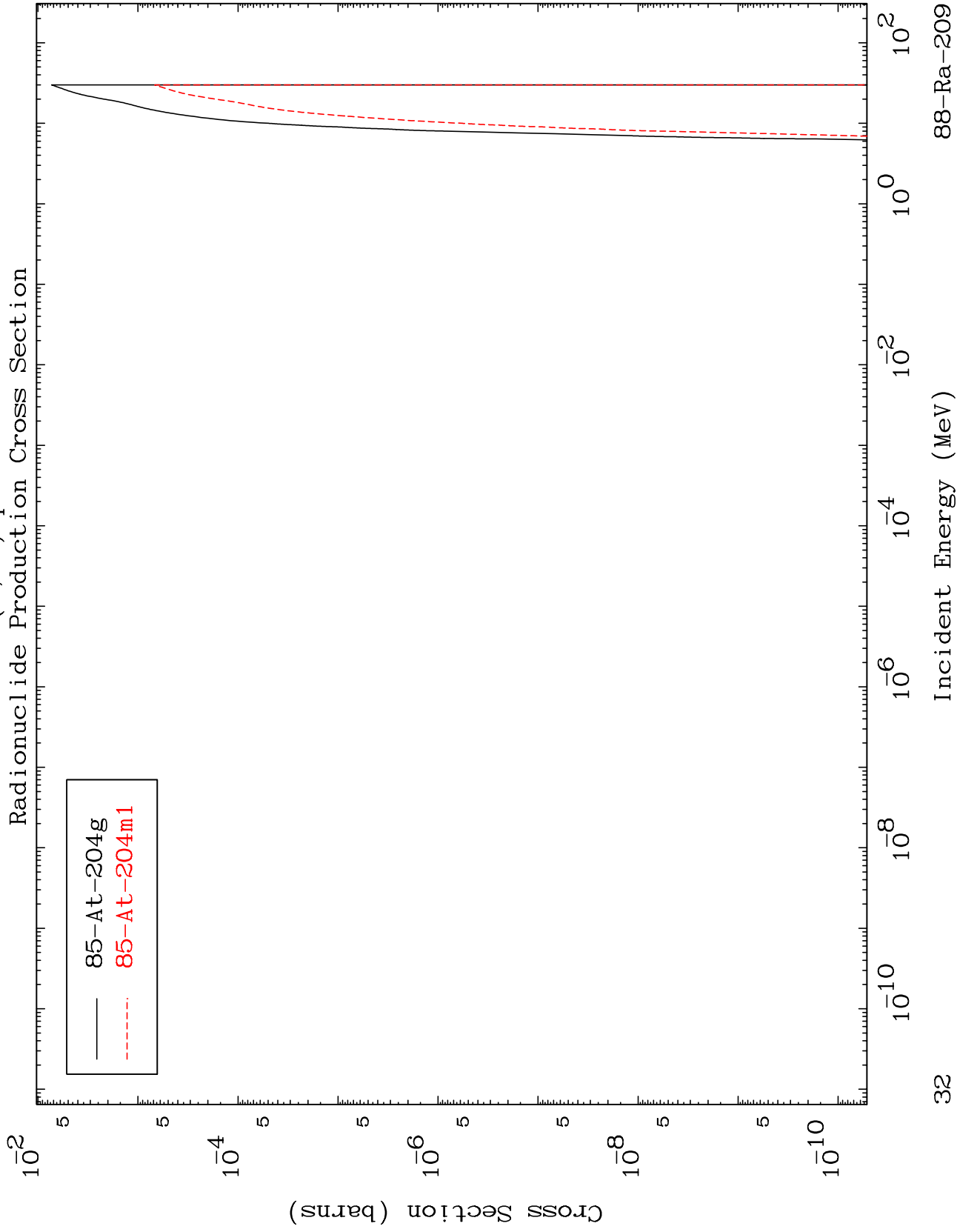
88-Ra-209

MAT 8783

(n,n') p α

88-Ra-209

Radionuclide Production Cross Section



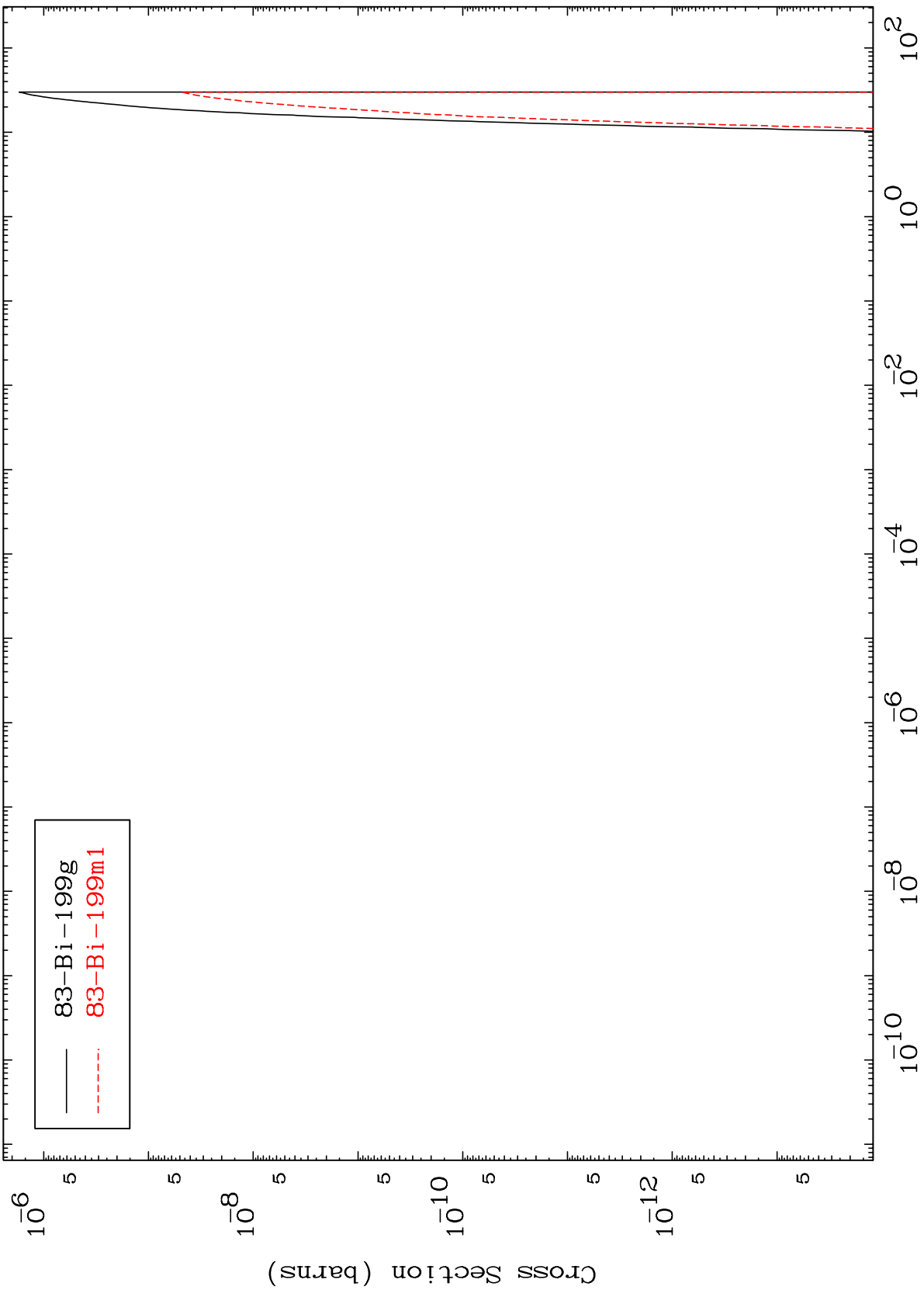
32

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(n,t) 2 α

88-Ra-209

Radionuclide Production Cross Section

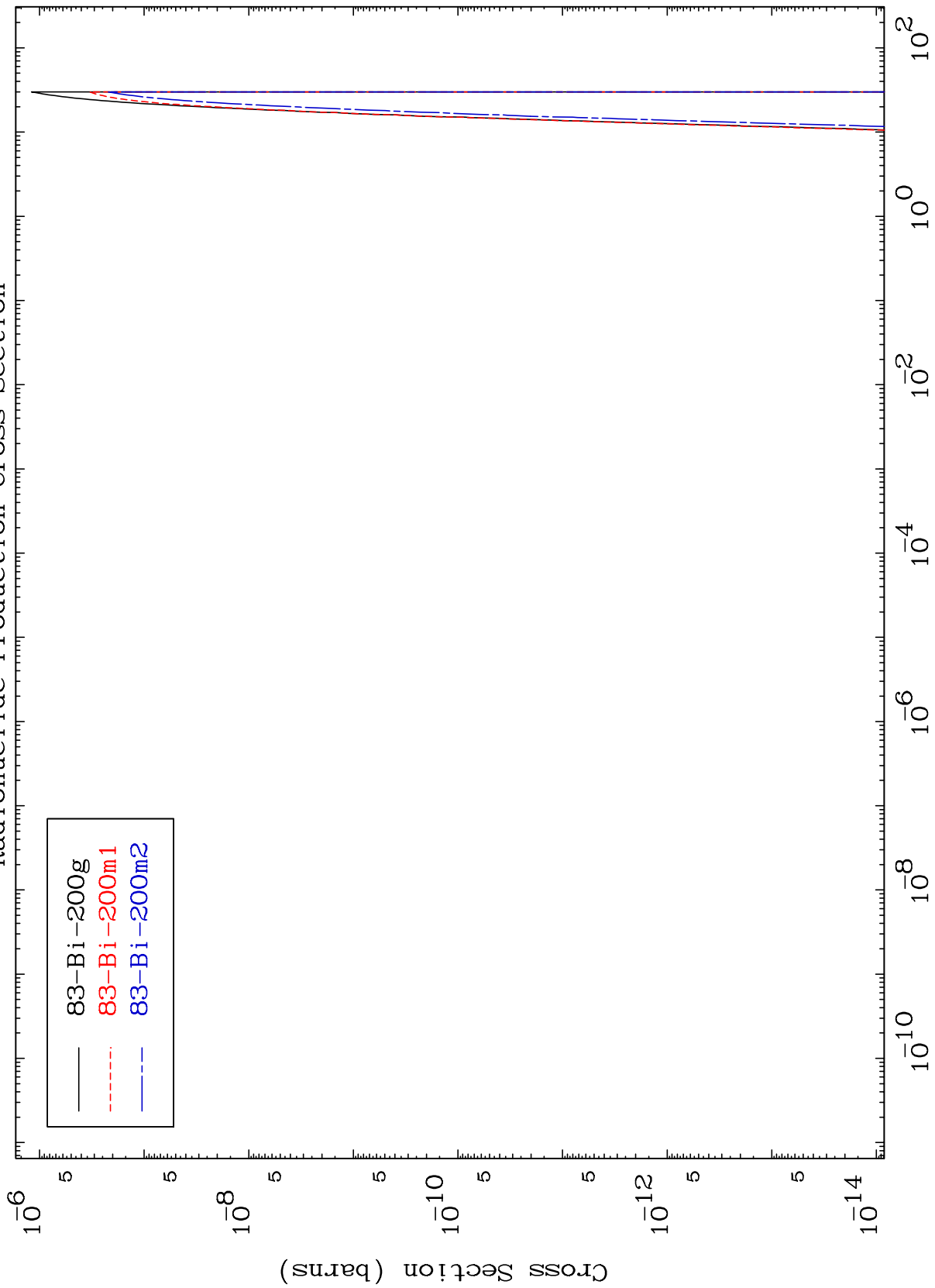


MAT 8783

(n,d) 2 α

88-Ra-209

Radionuclide Production Cross Section

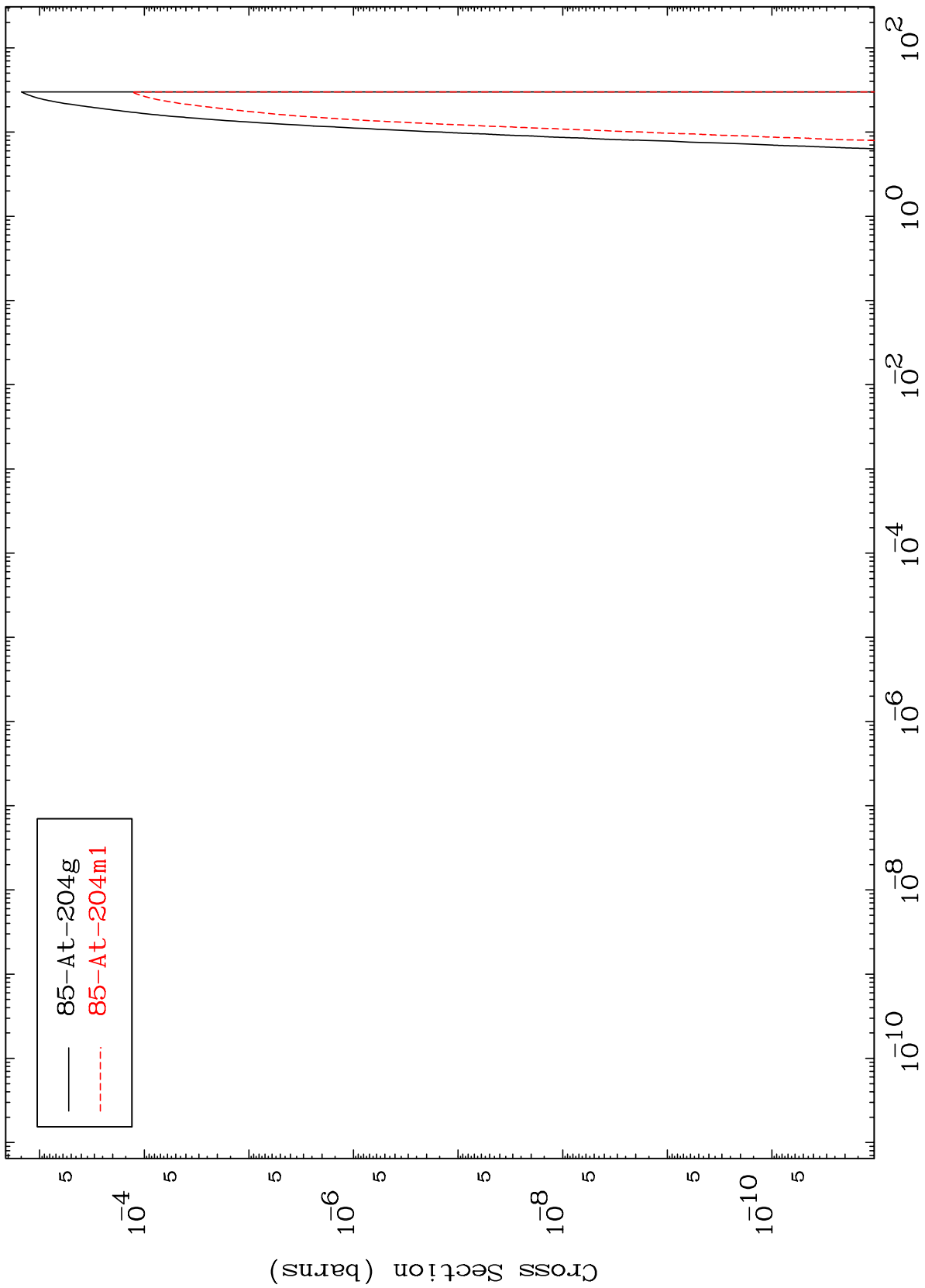


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(n,d) α

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Radionuclide Production Cross Section



35

Incident Energy (MeV)

88-Ra-209