

Program EVALPLOT  
(Version 2018-1)

by

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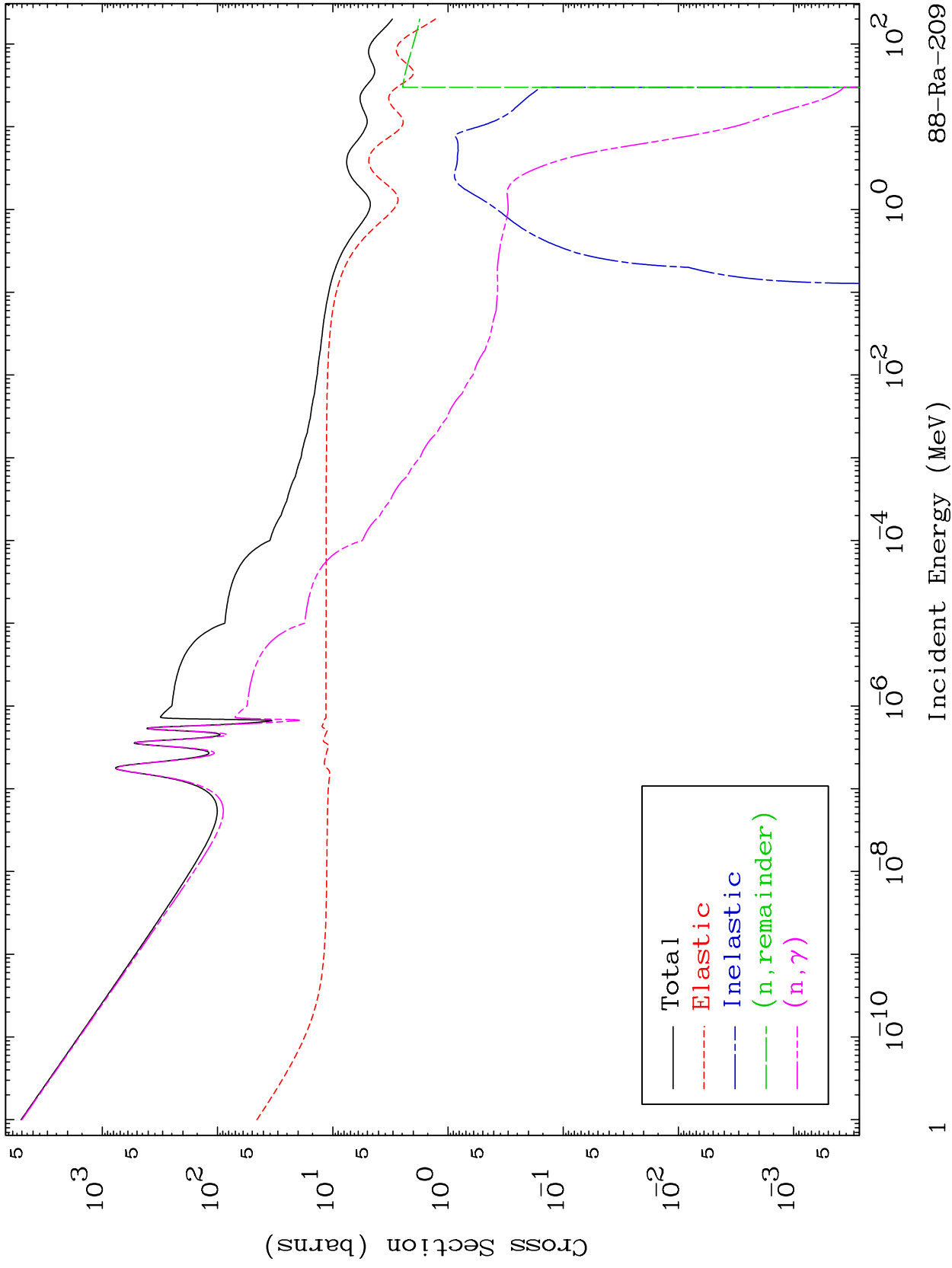
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8783

Major  
293 Kelvin Cross Sections

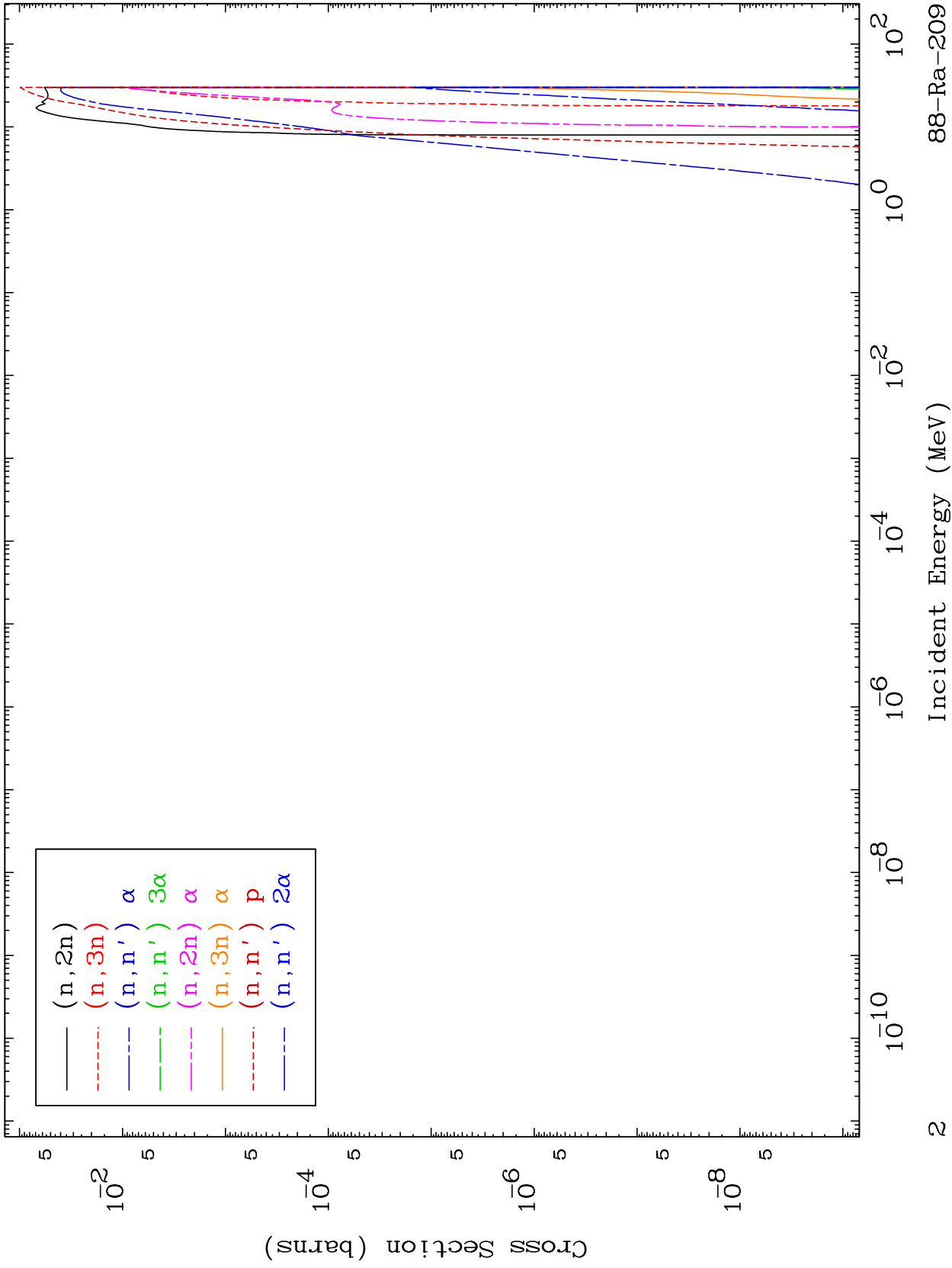
88-Ra-209



MAT 8783

Neutron Production  
293 Kelvin Cross Sections

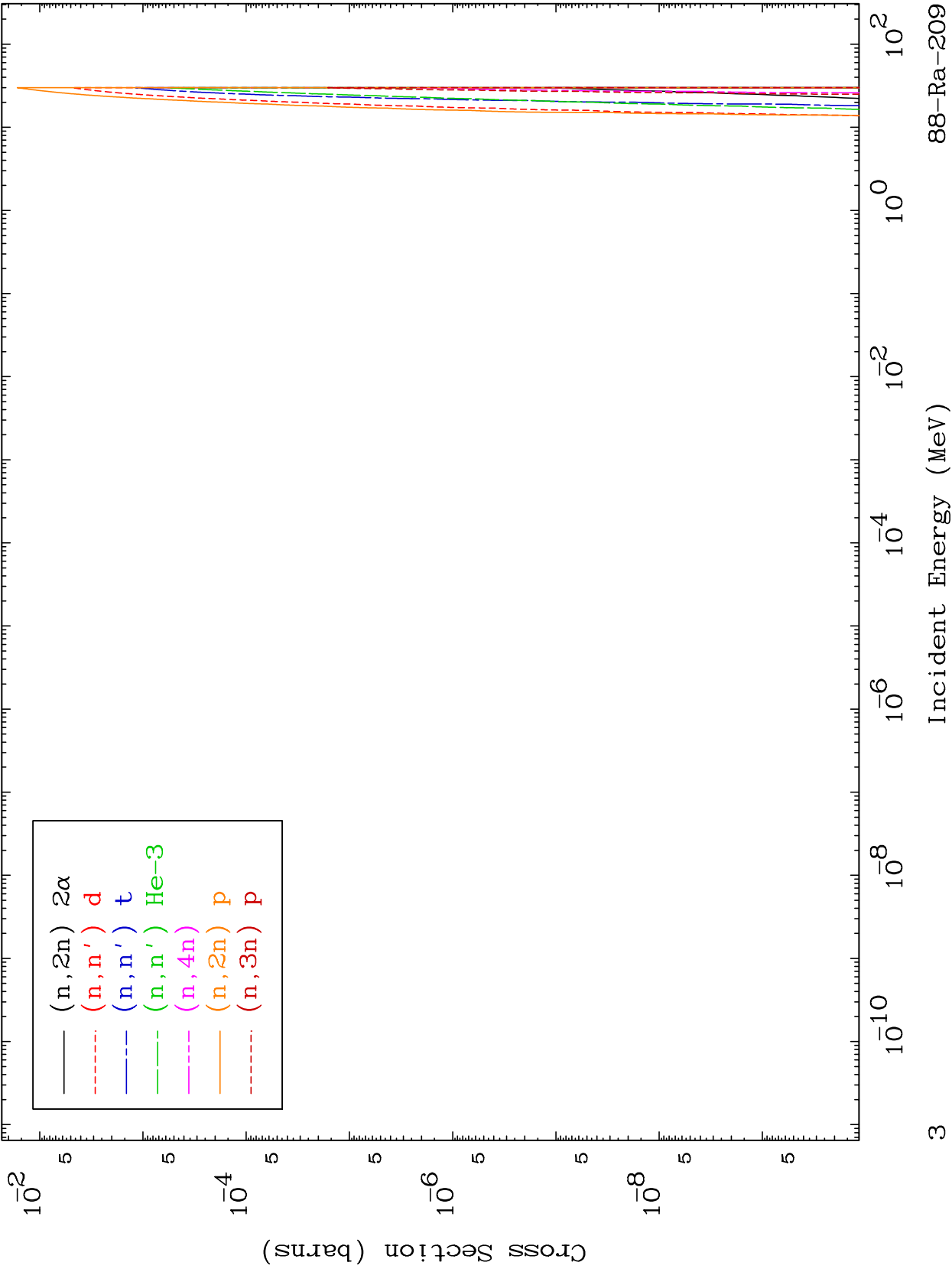
88-Ra-209



MAT 8783

Neutron Production  
293 Kelvin Cross Sections

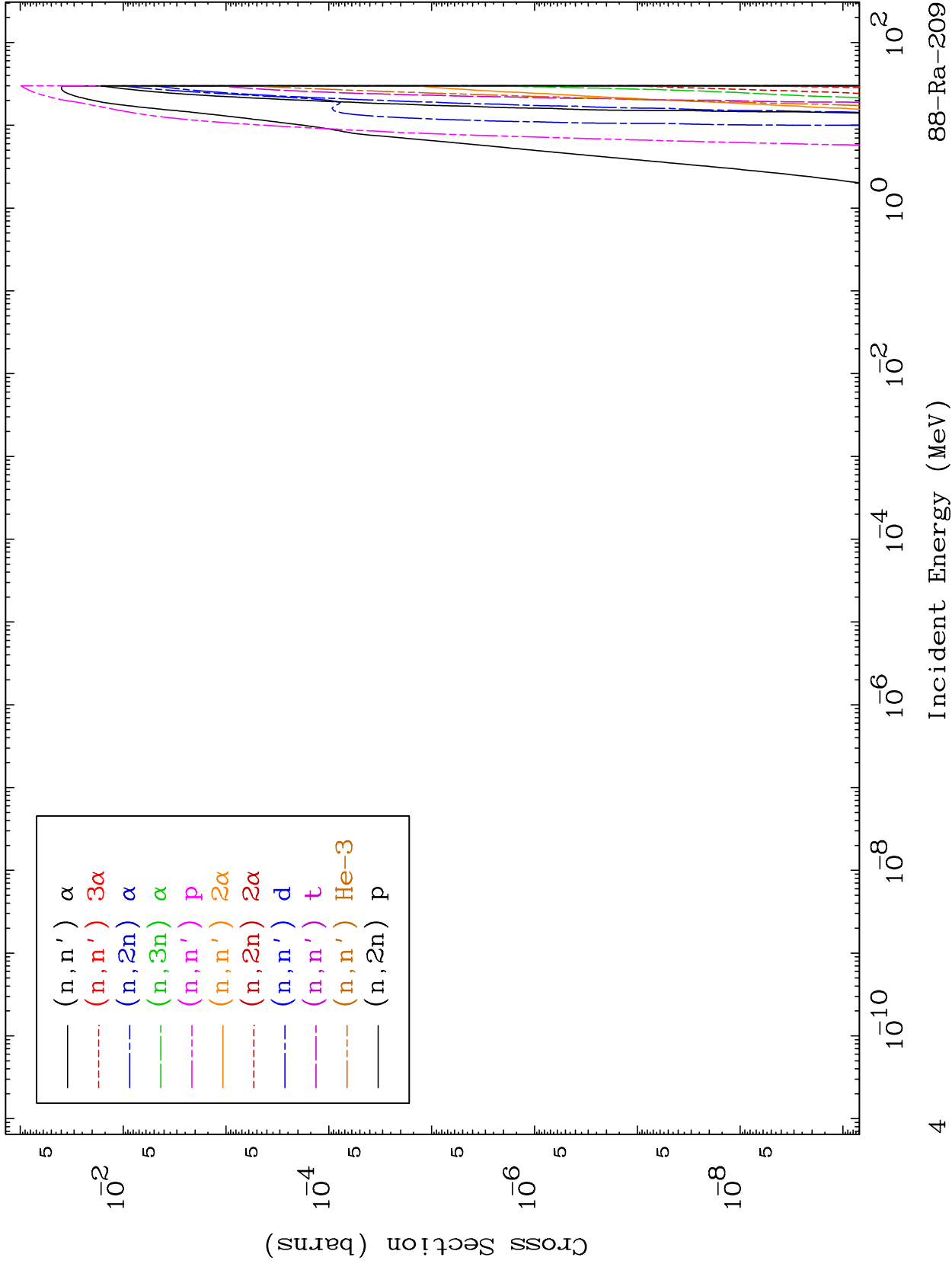
88-Ra-209



MAT 8783

Charged Particle  
293 Kelvin Cross Sections

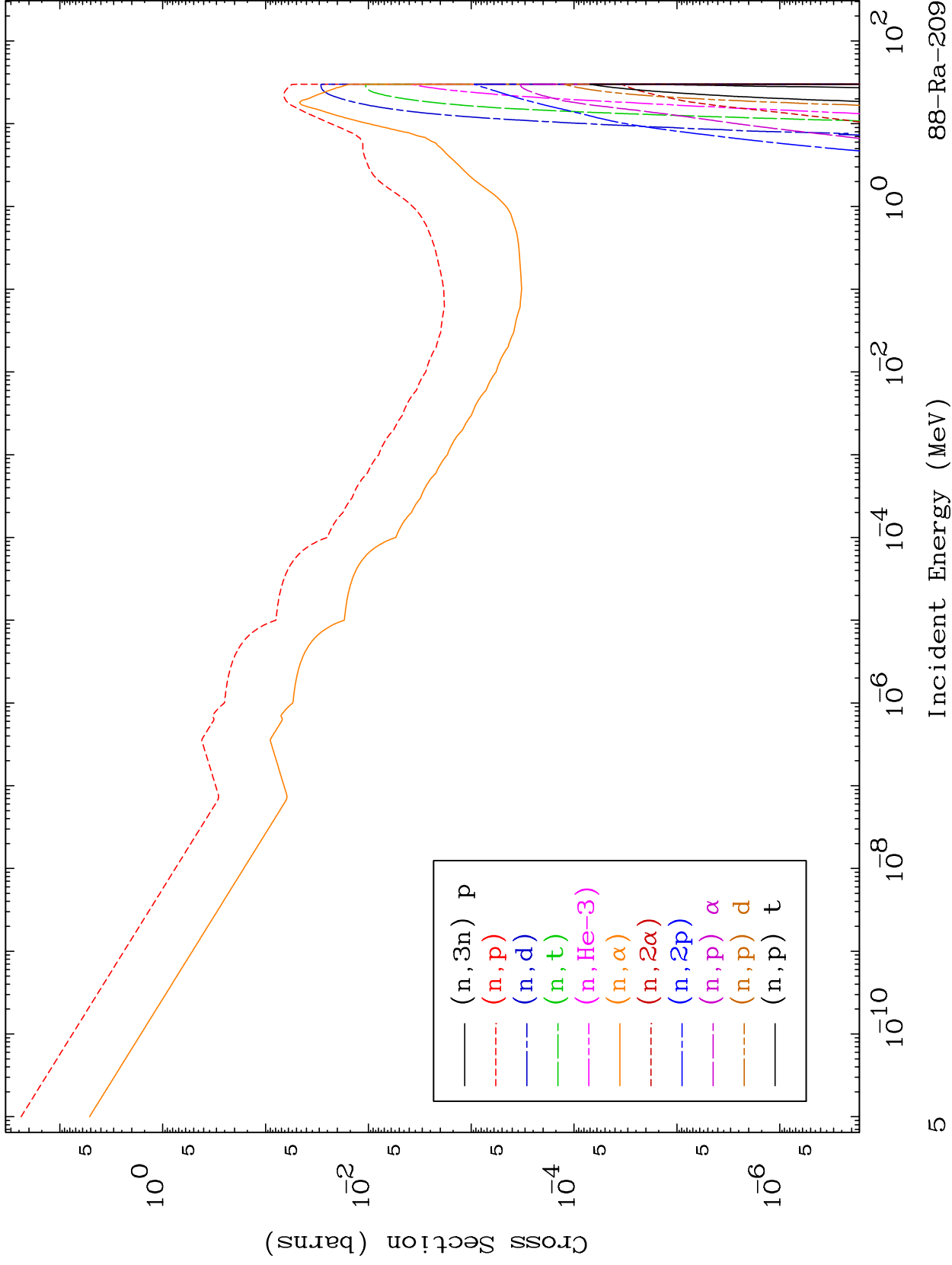
88-Ra-209



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Charged Particle  
293 Kelvin Cross Sections

88-Ra-209

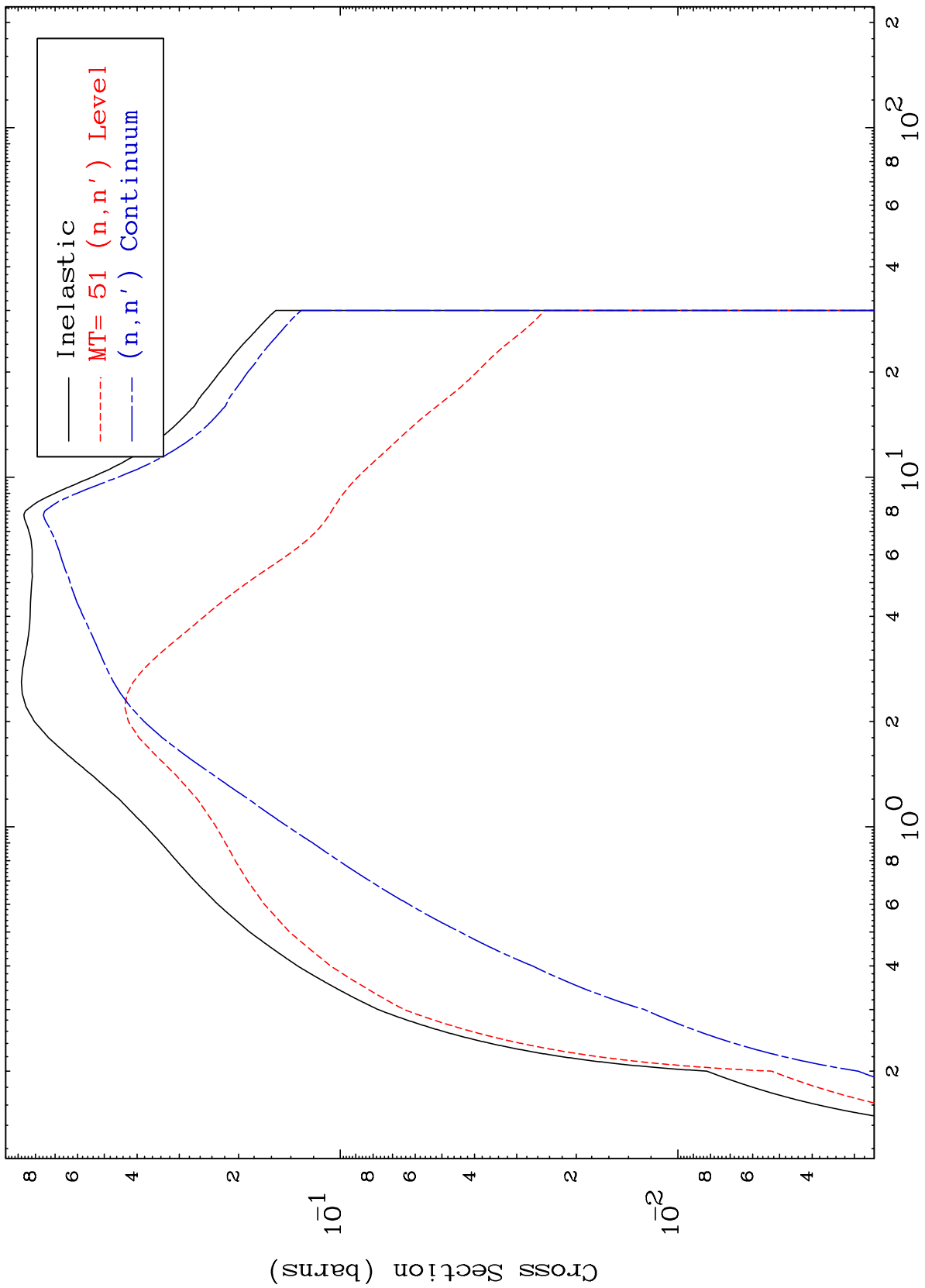


MAT 8783

(n,n') Level

88-Ra-209

293 Kelvin Cross Sections



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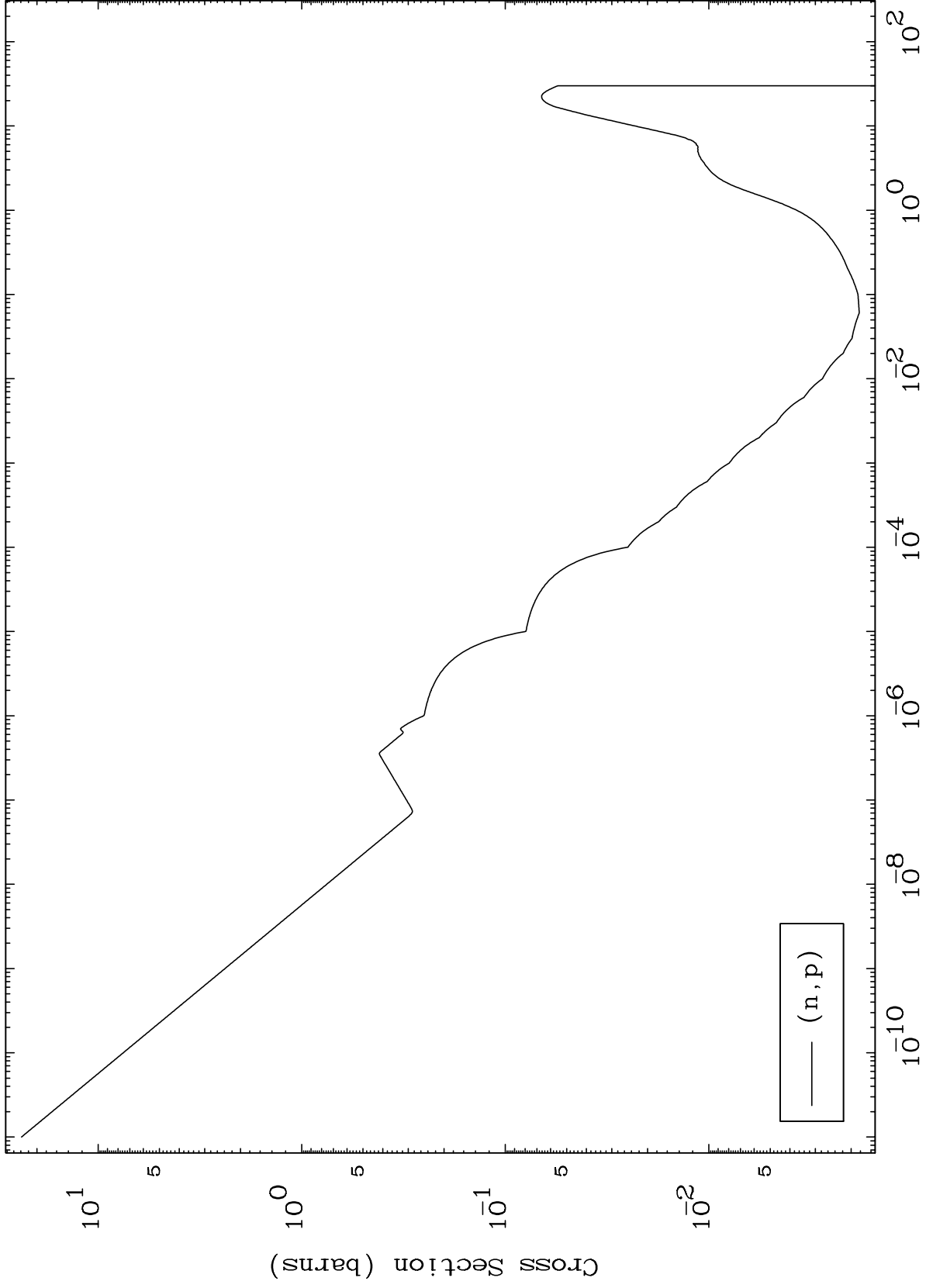
Incident Energy (MeV)

88-Ra-209

MAT 8783

(n,p) Levels  
293 Kelvin Cross Sections

88-Ra-209

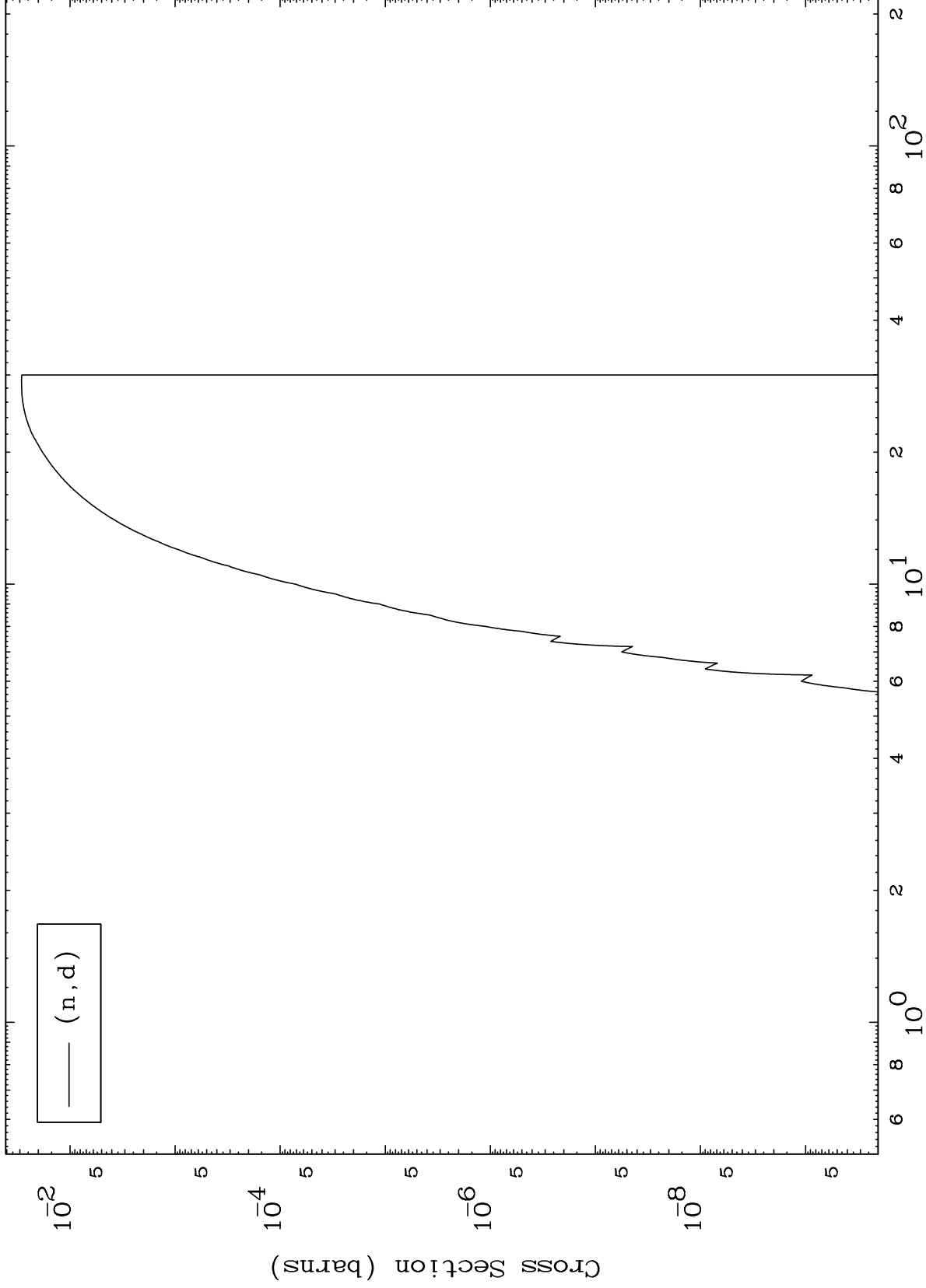




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(n,d) Levels  
293 Kelvin Cross Sections

88-Ra-209



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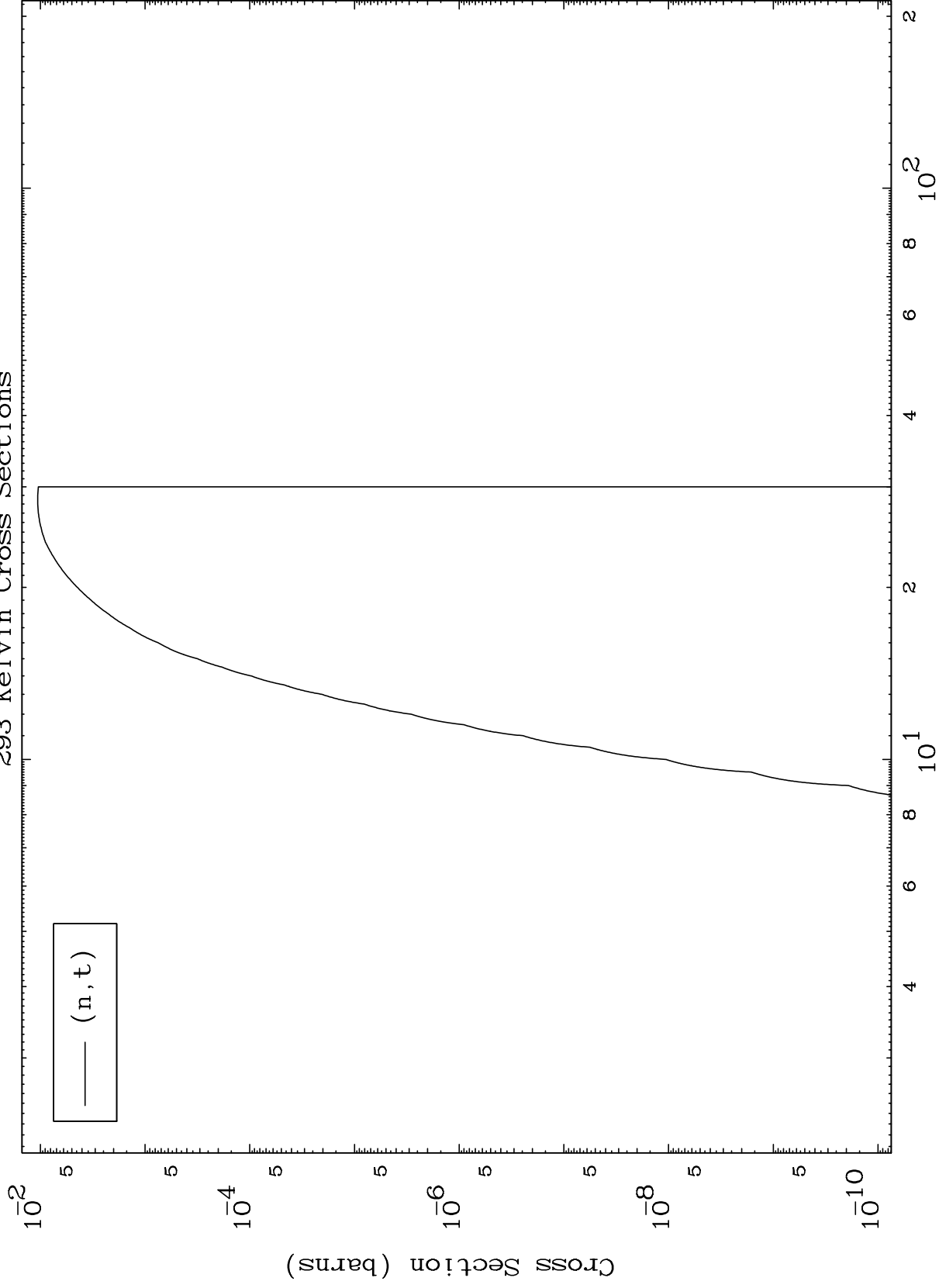
Incident Energy (MeV)

88-Ra-209

MAT 8783

(n,t) Levels  
293 Kelvin Cross Sections

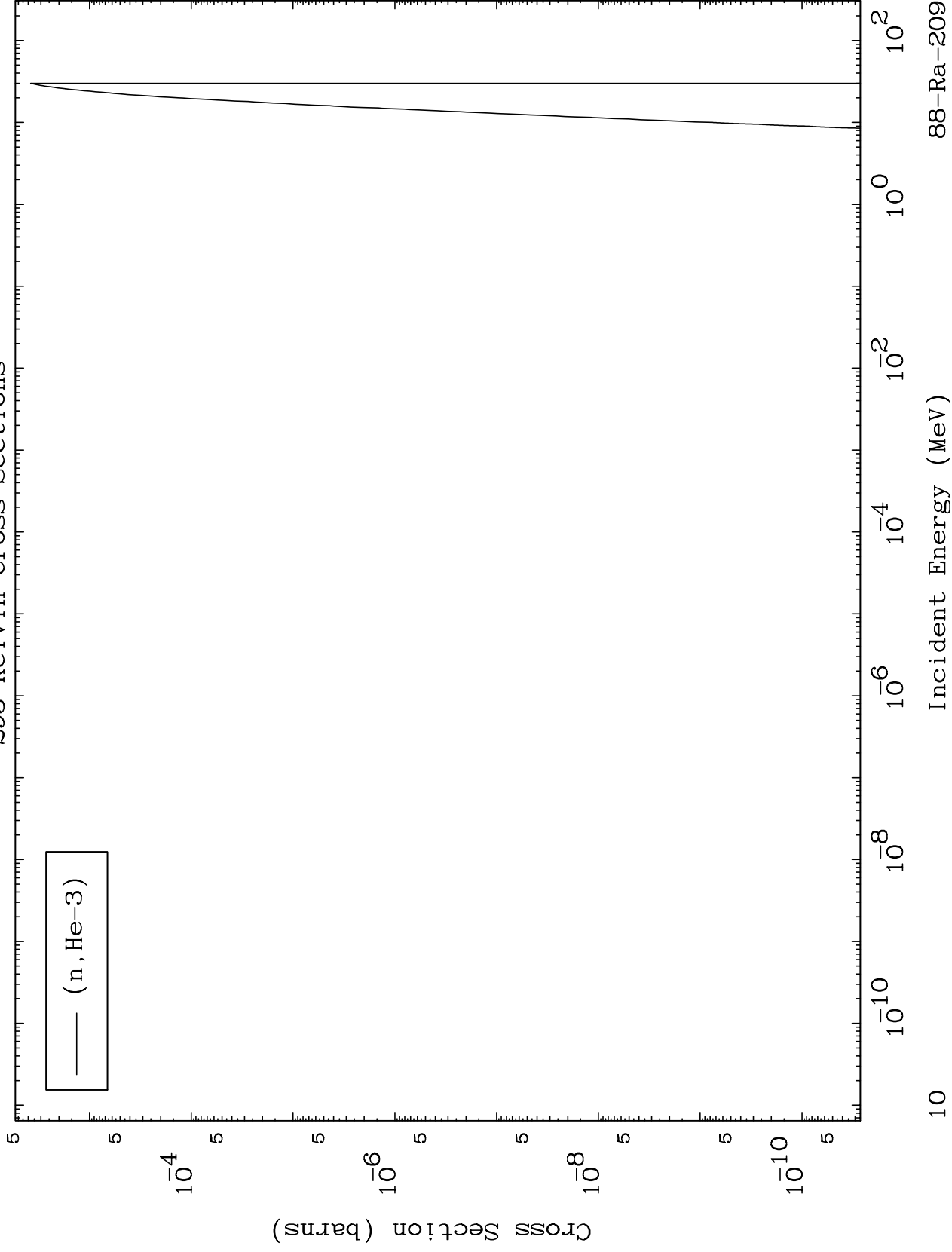
88-Ra-209



MAT 8783

(n,He3) Levels  
293 Kelvin Cross Sections

88-Ra-209



10

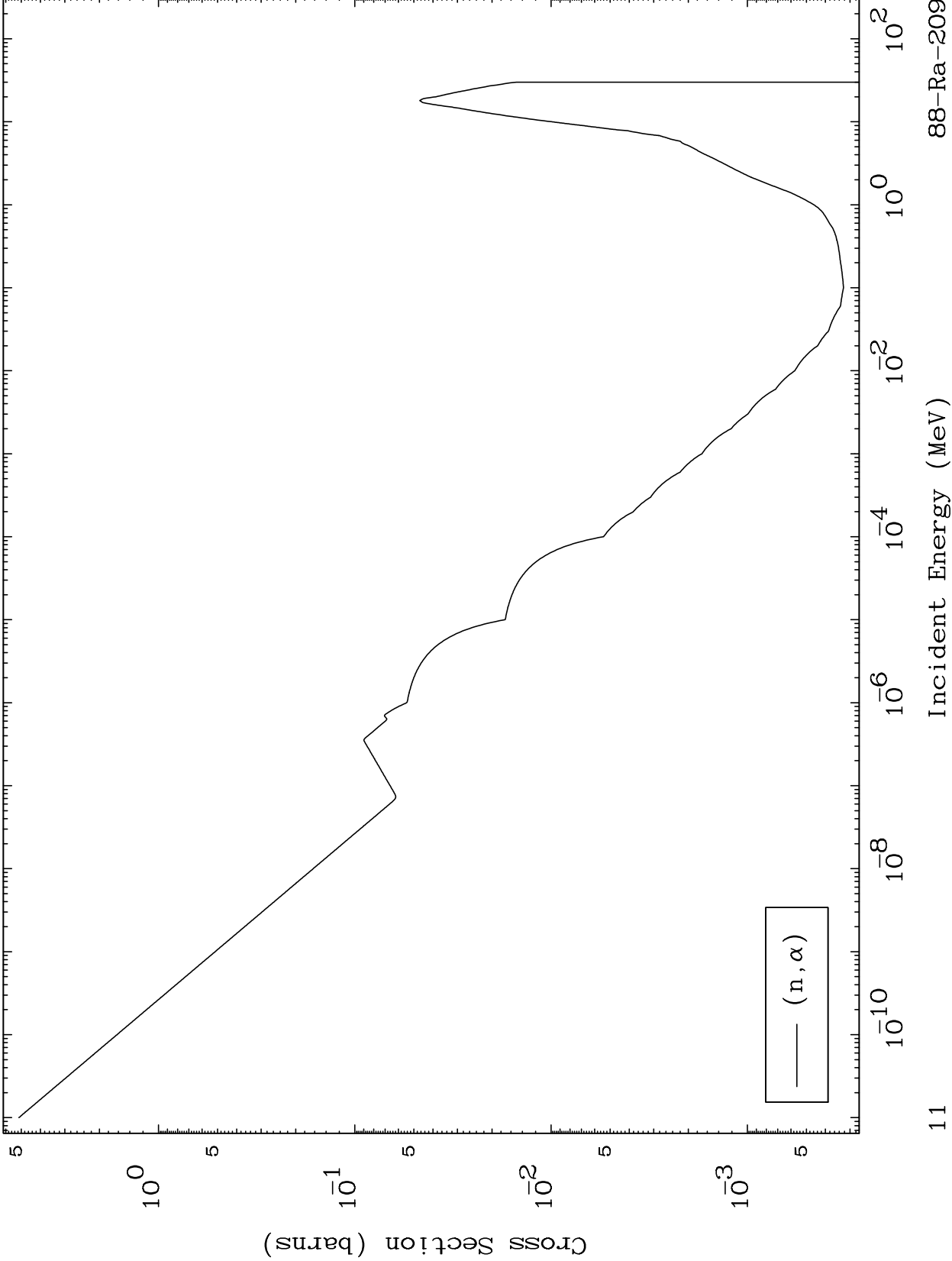
Incident Energy (MeV)

88-Ra-209

MAT 8783

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

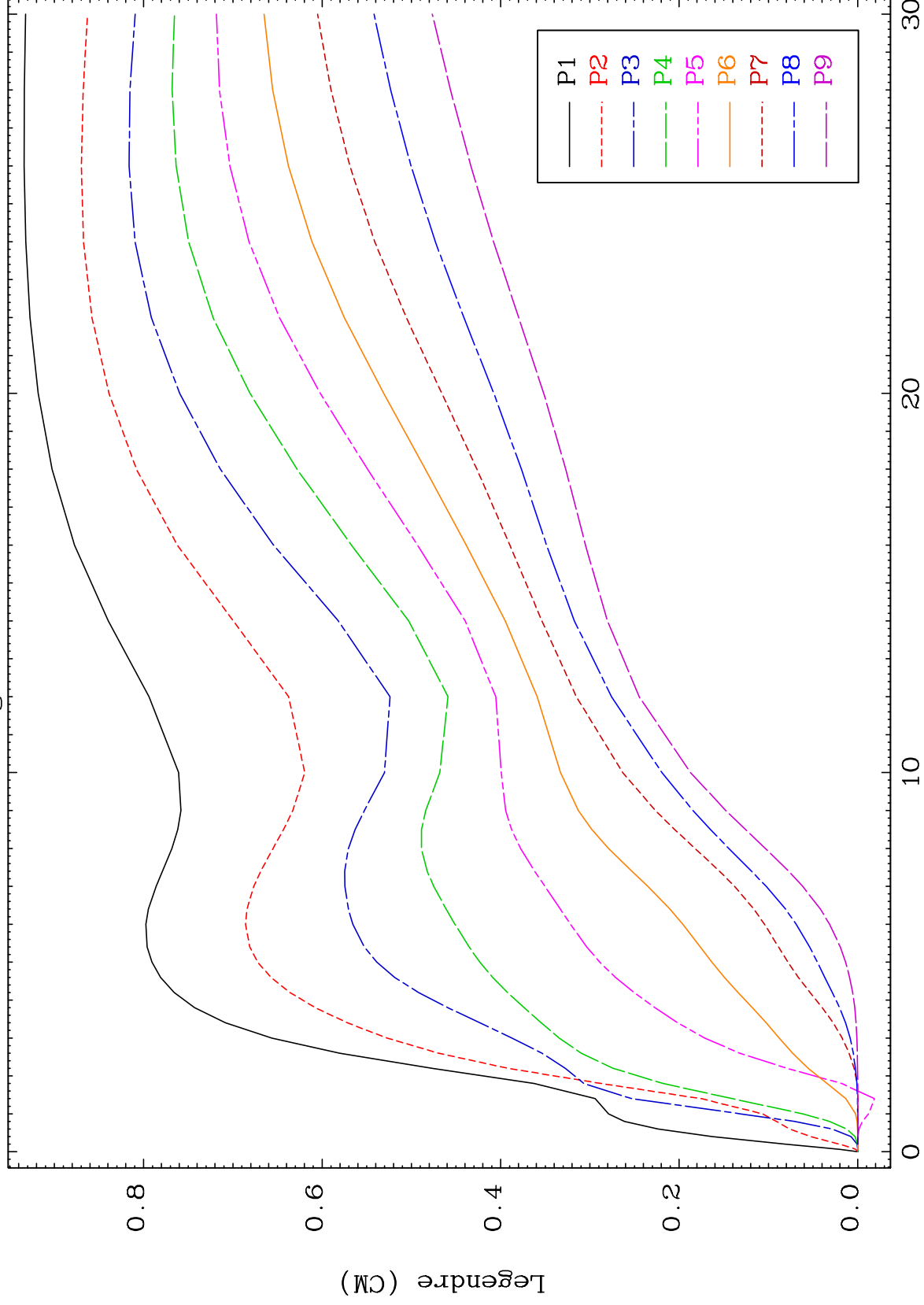
88-Ra-209



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Elastic Legendre Coefficients

88-Ra-209



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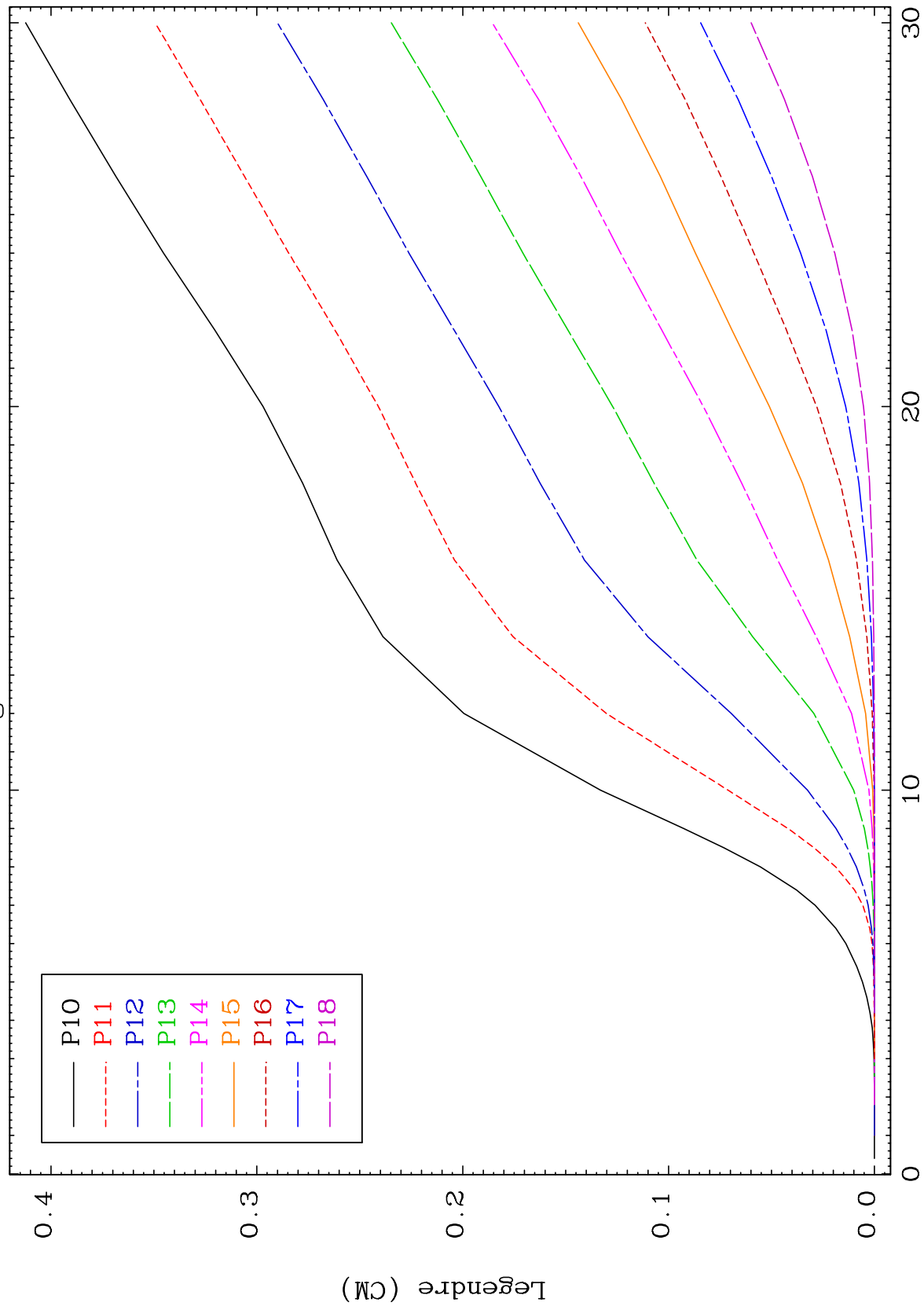
Incident Energy (MeV)

88-Ra-209

MAT 8783

Elastic Legendre Coefficients

88-Ra-209



13

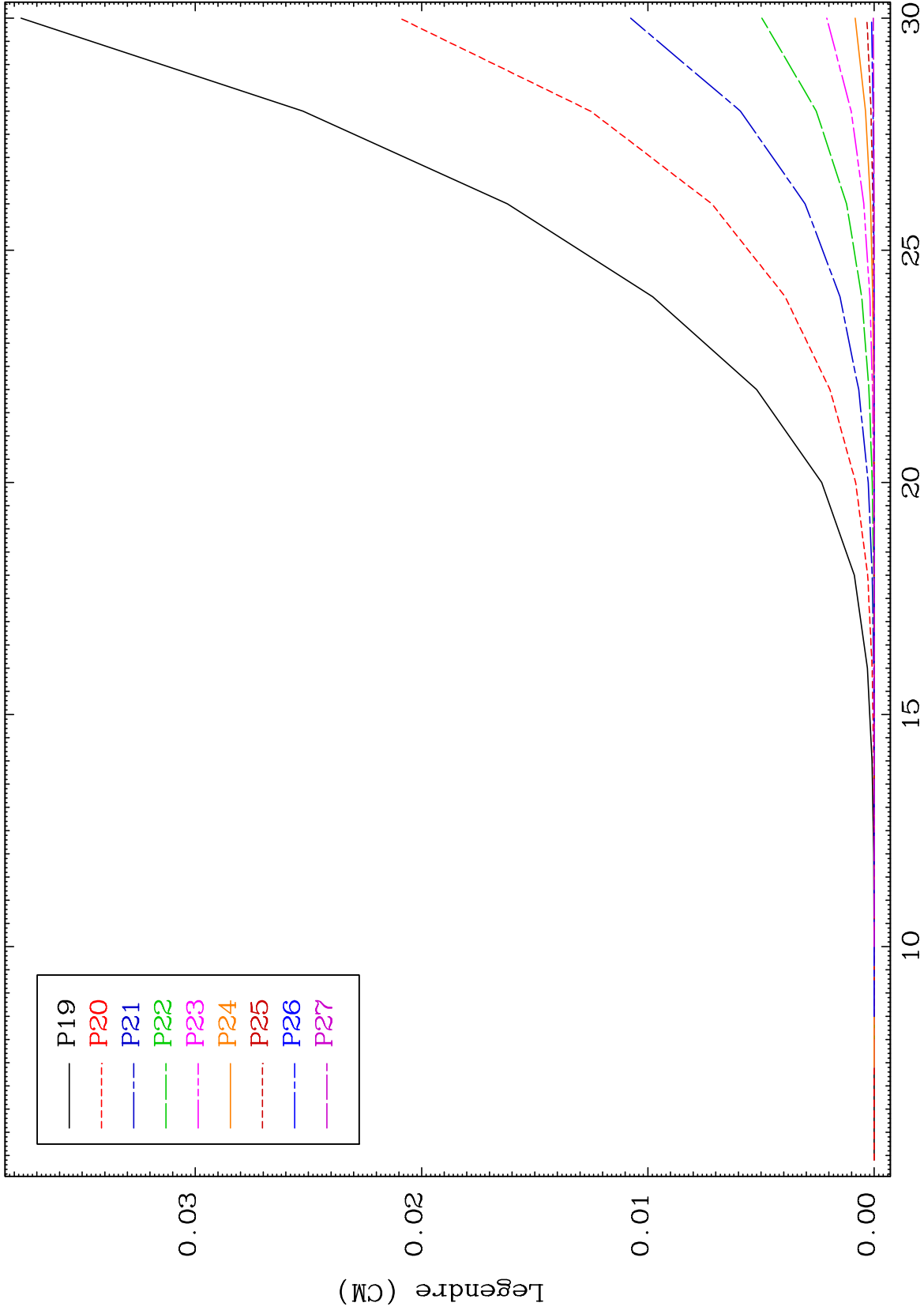
Incident Energy (MeV)

88-Ra-209

MAT 8783

Elastic Legendre Coefficients

88-Ra-209



14

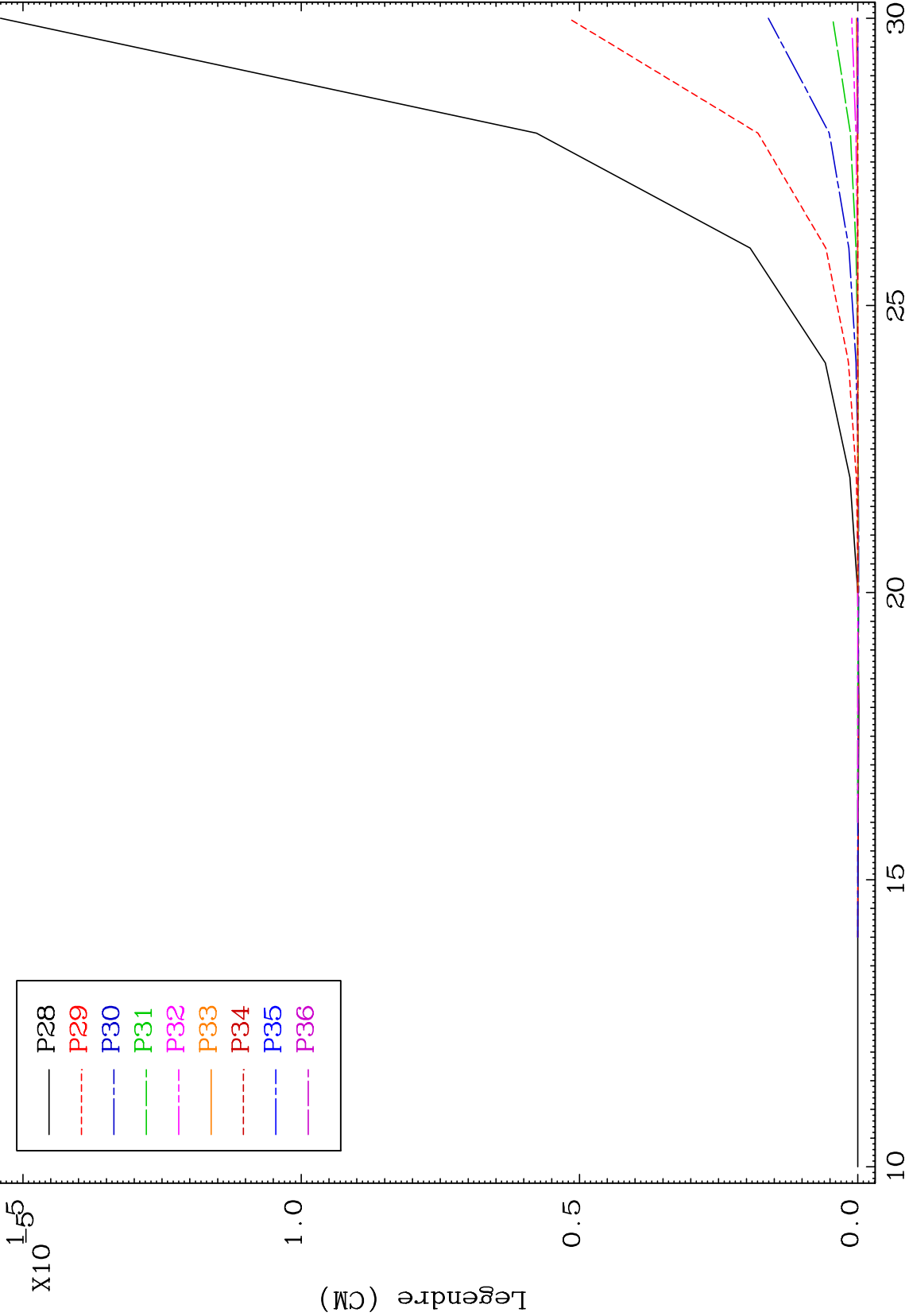
Incident Energy (MeV)

88-Ra-209

MAT 8783

Elastic Legendre Coefficients

88-Ra-209



88-Ra-209

Incident Energy (MeV)

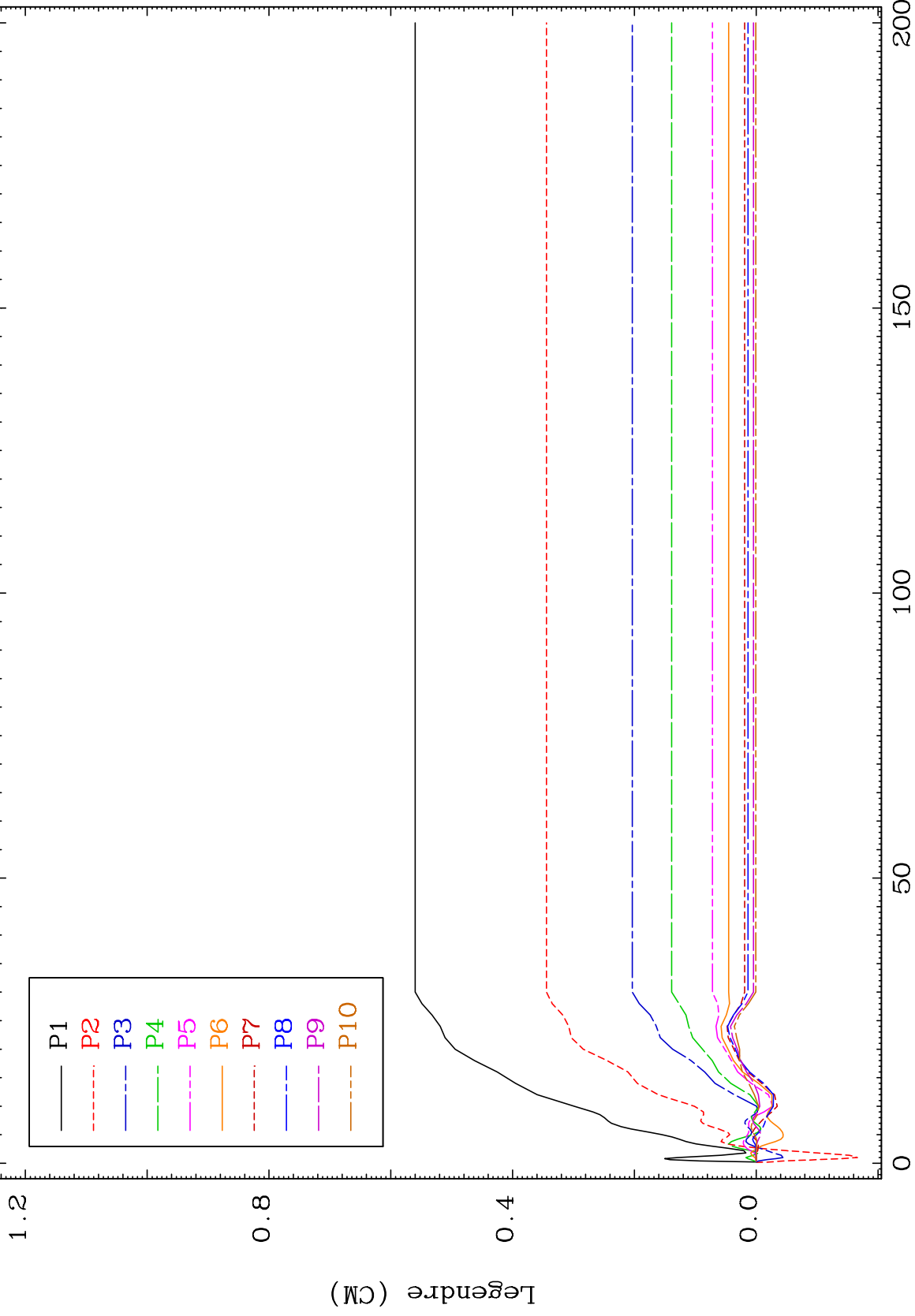
15



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

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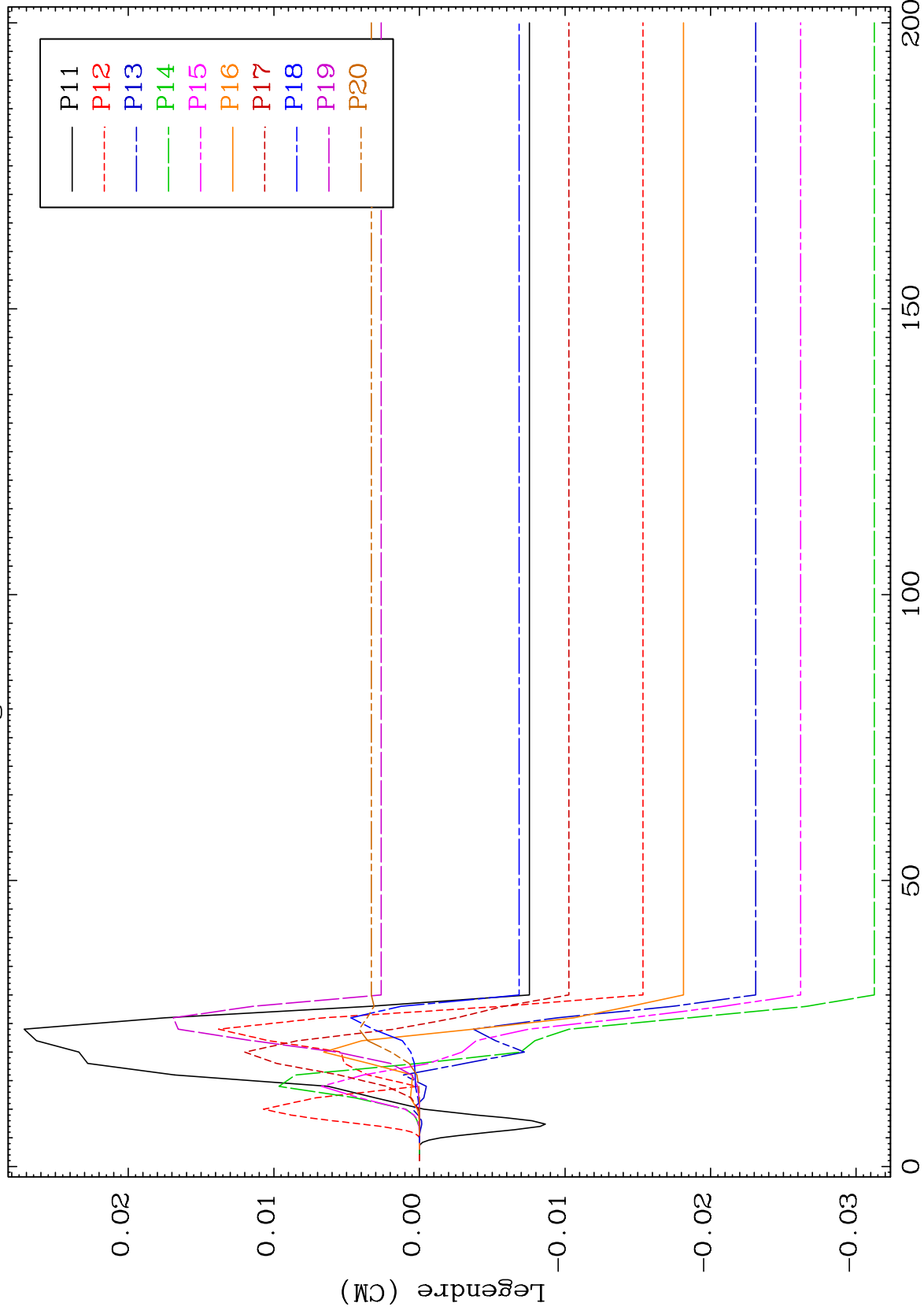
16

88-Ra-209

MAT 8783

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

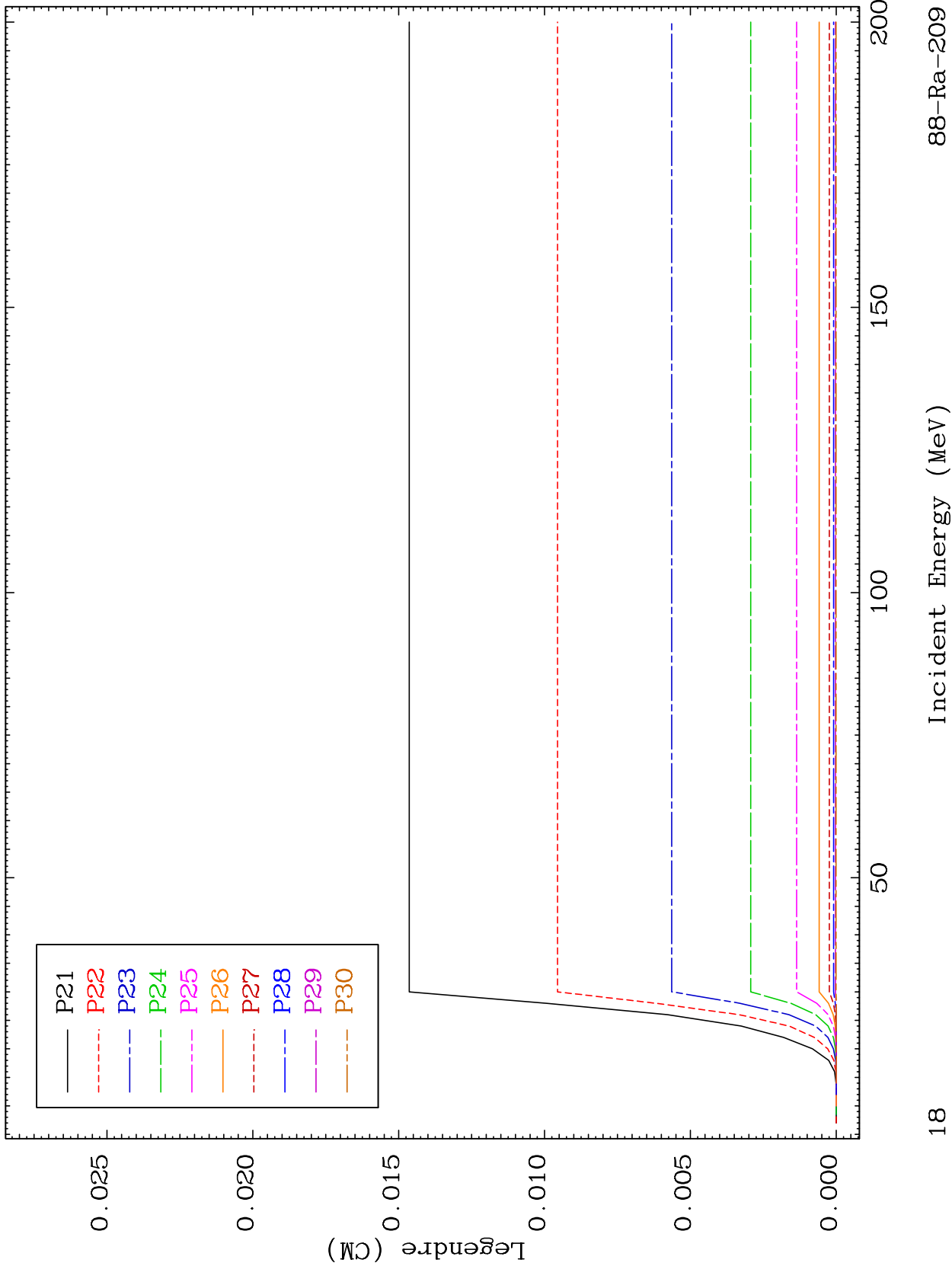
88-Ra-209



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Incident Energy (MeV)

88-Ra-209



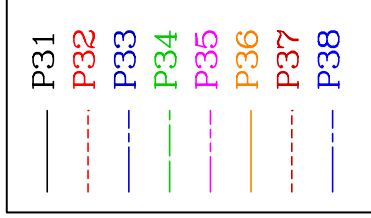
MAT 8783

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

88-Ra-209

$\times 10^{-6}$

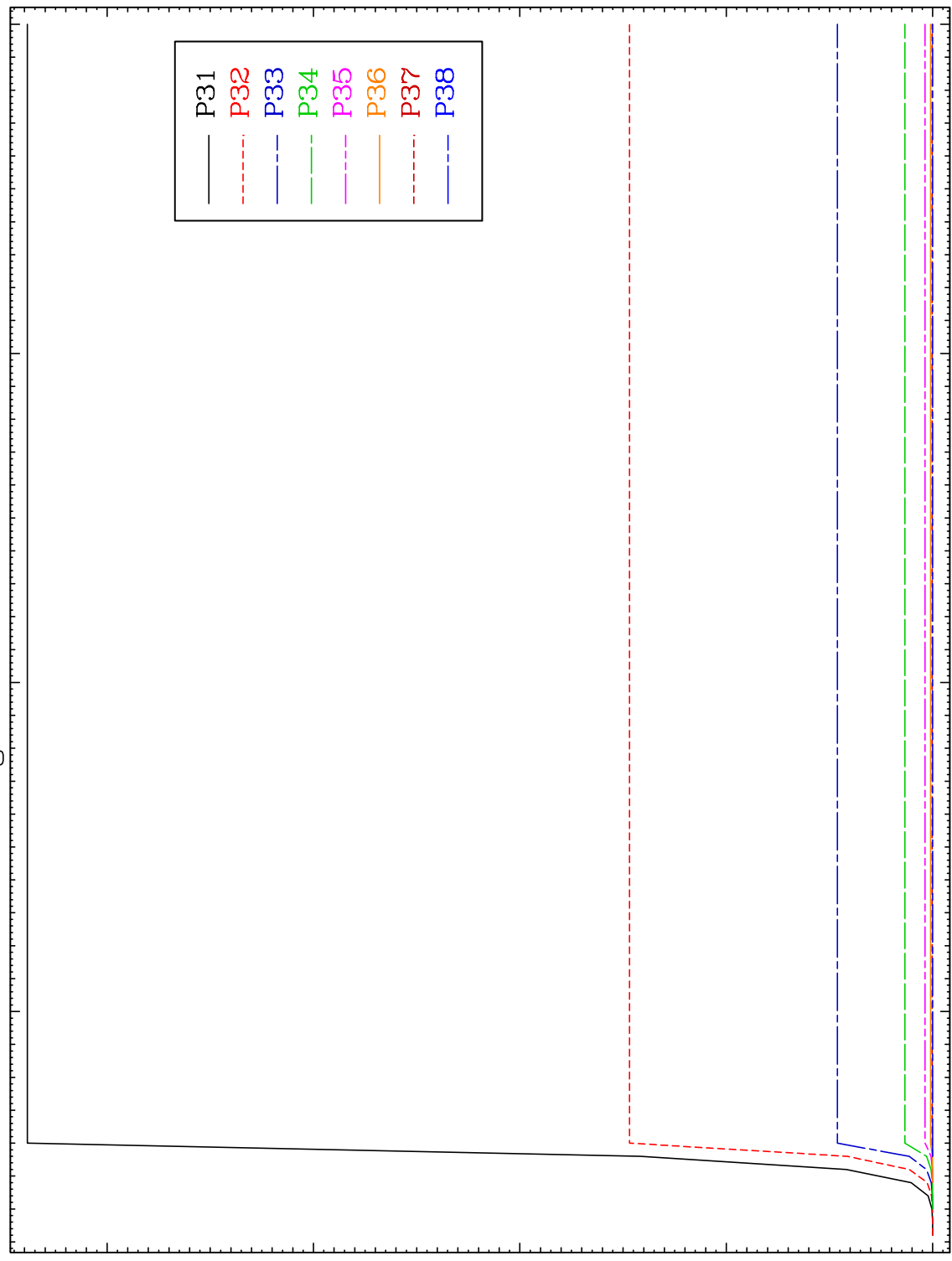
Legendre (CM)



Incident Energy (MeV)

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88-Ra-209

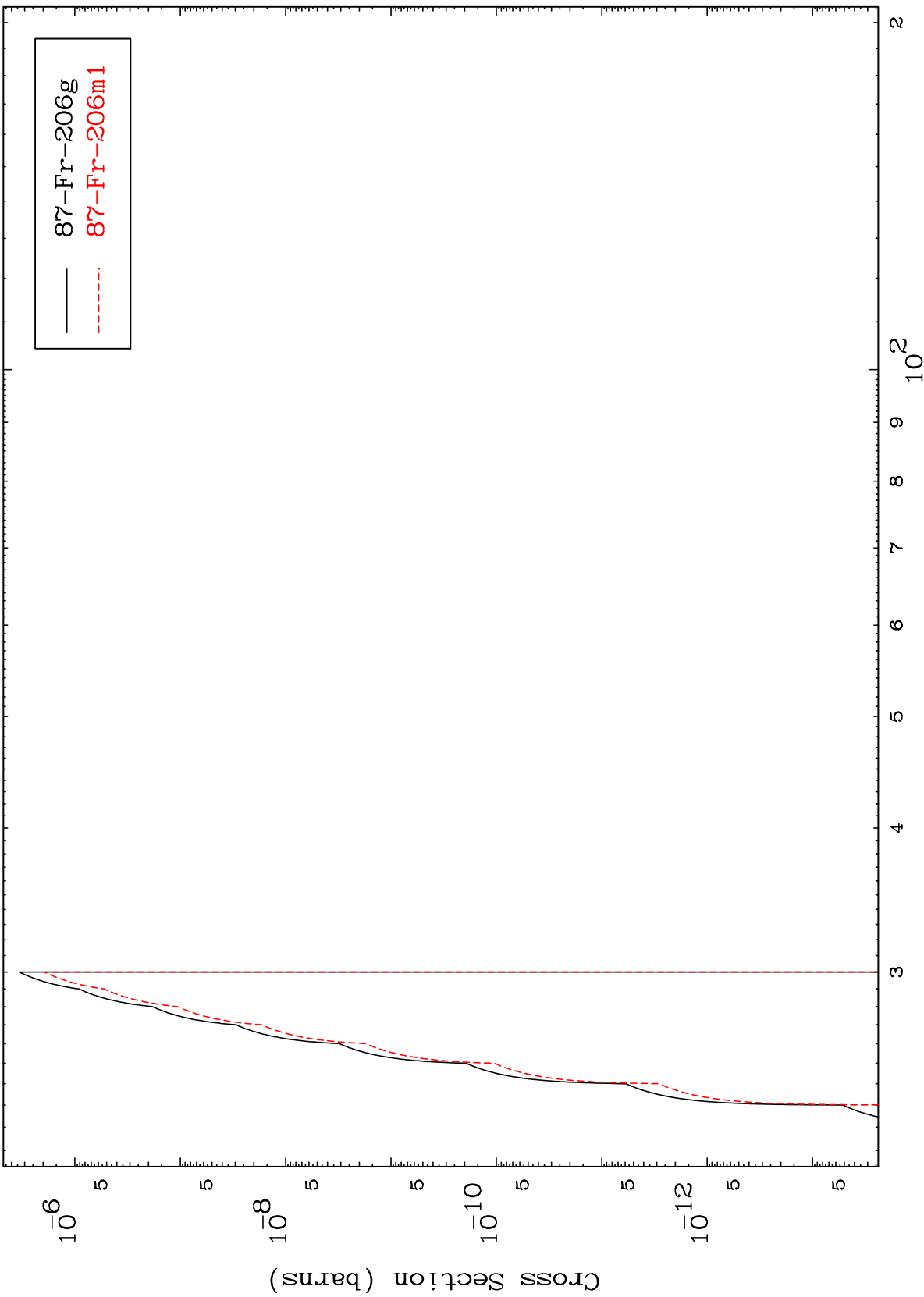


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(n,2n) d

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Radionuclide Production Cross Section



87-Fr-206g  
87-Fr-206m1

20

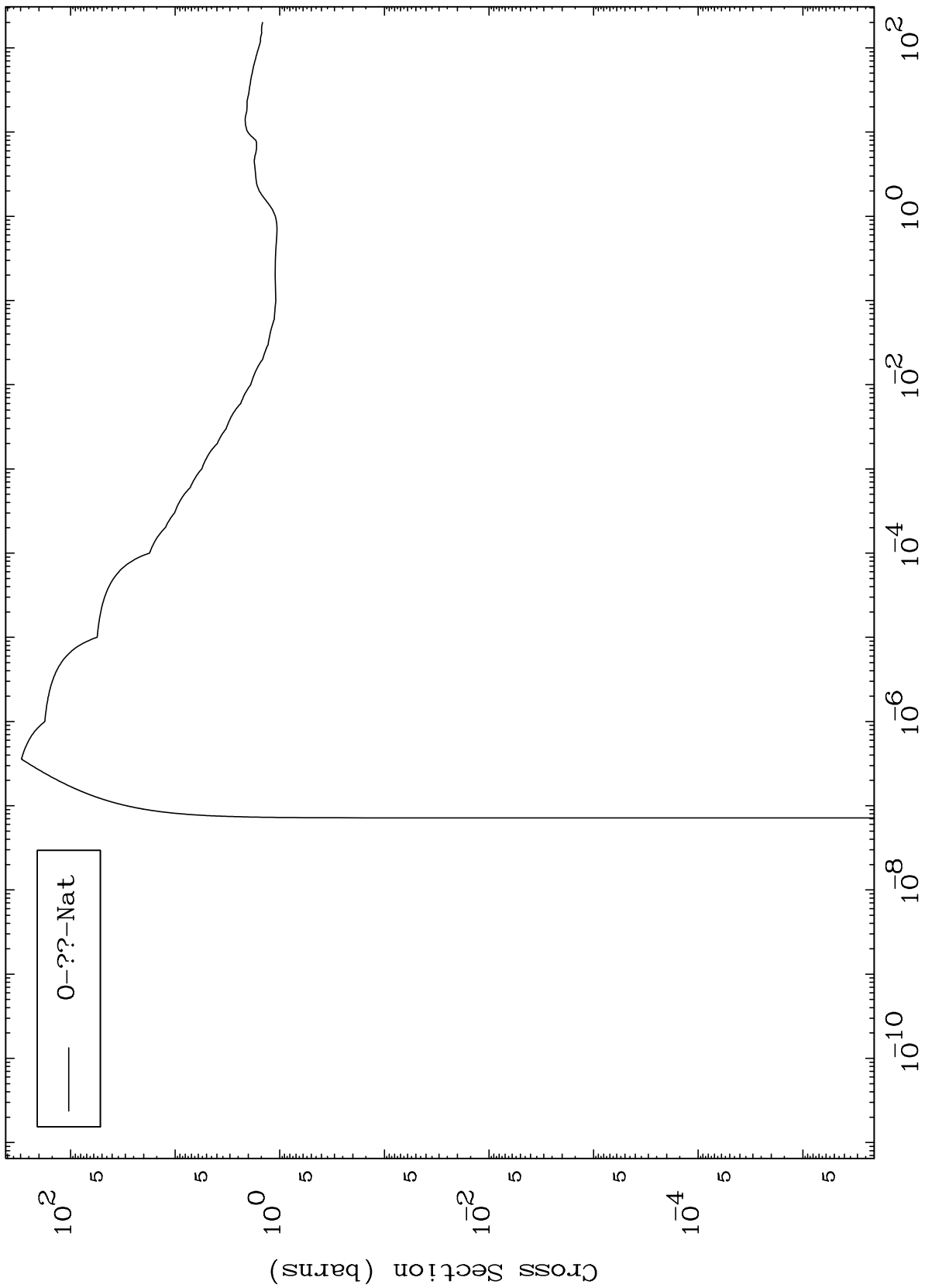
Incident Energy (MeV)

88-Ra-209

MAT 8783

88-Ra-209

Fission  
Radionuclide Production Cross Section

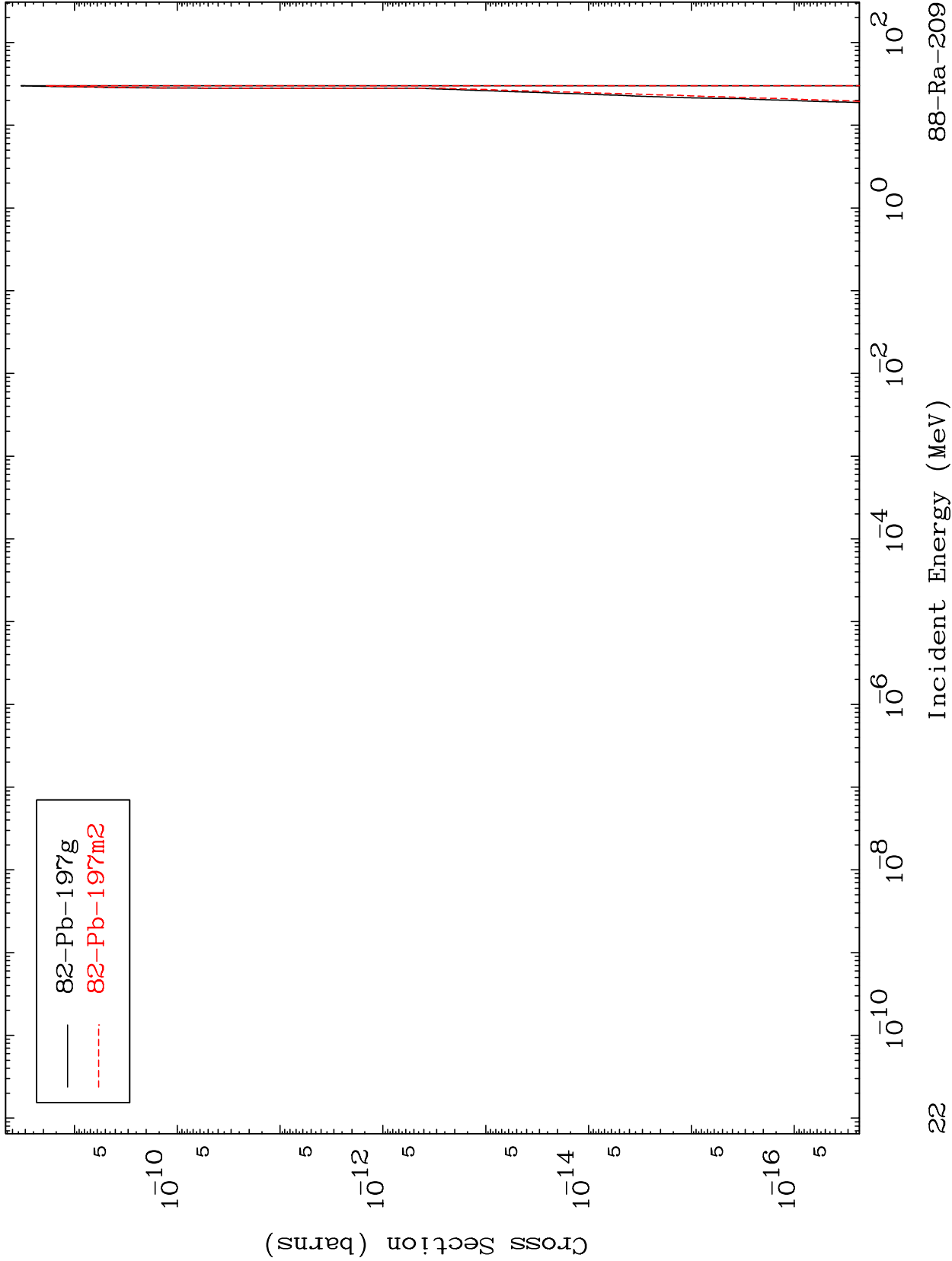


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(n,n') 3 $\alpha$

88-Ra-209

Radionuclide Production Cross Section

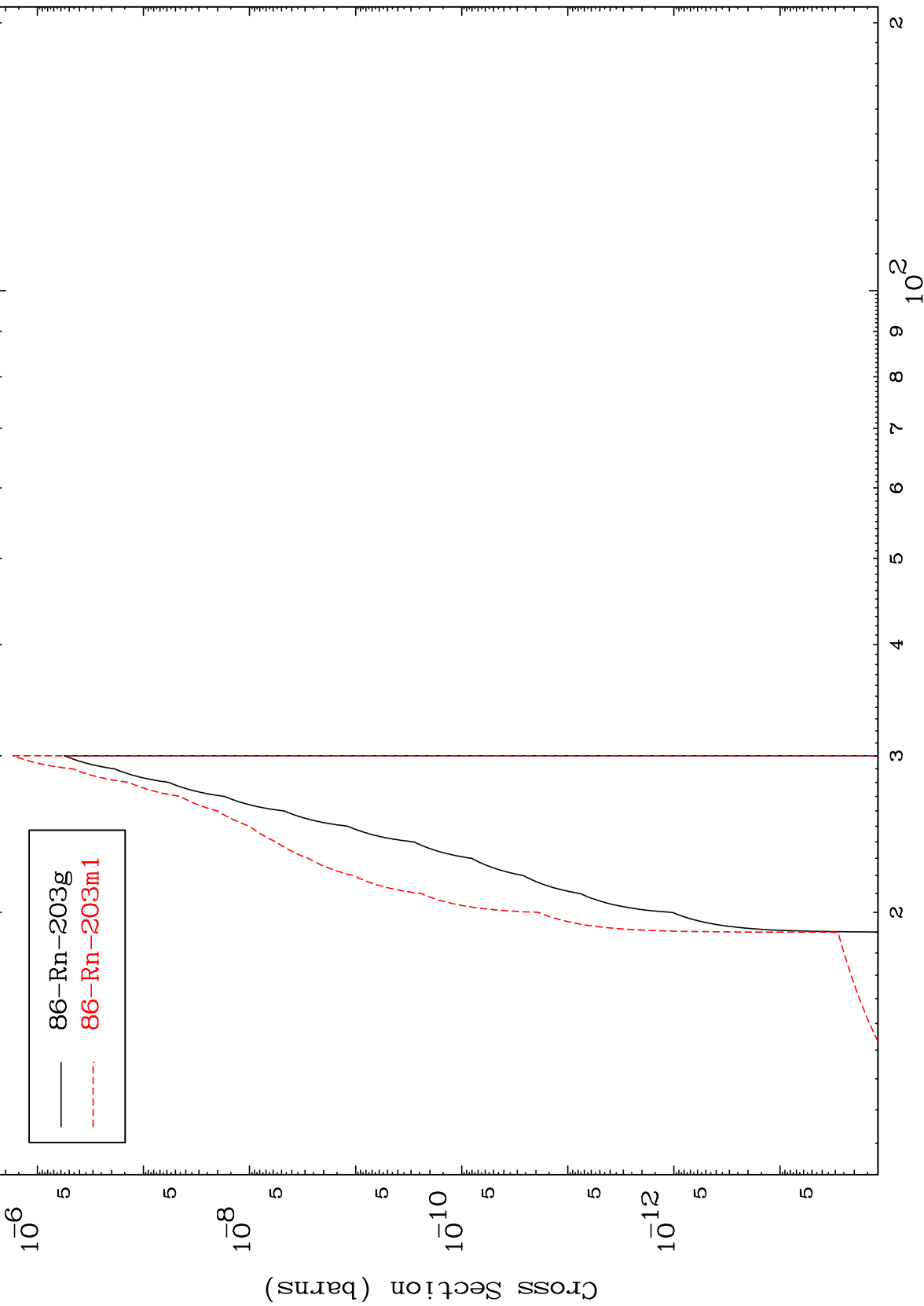


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(n,3n)  $\alpha$

88-Ra-209

Radionuclide Production Cross Section



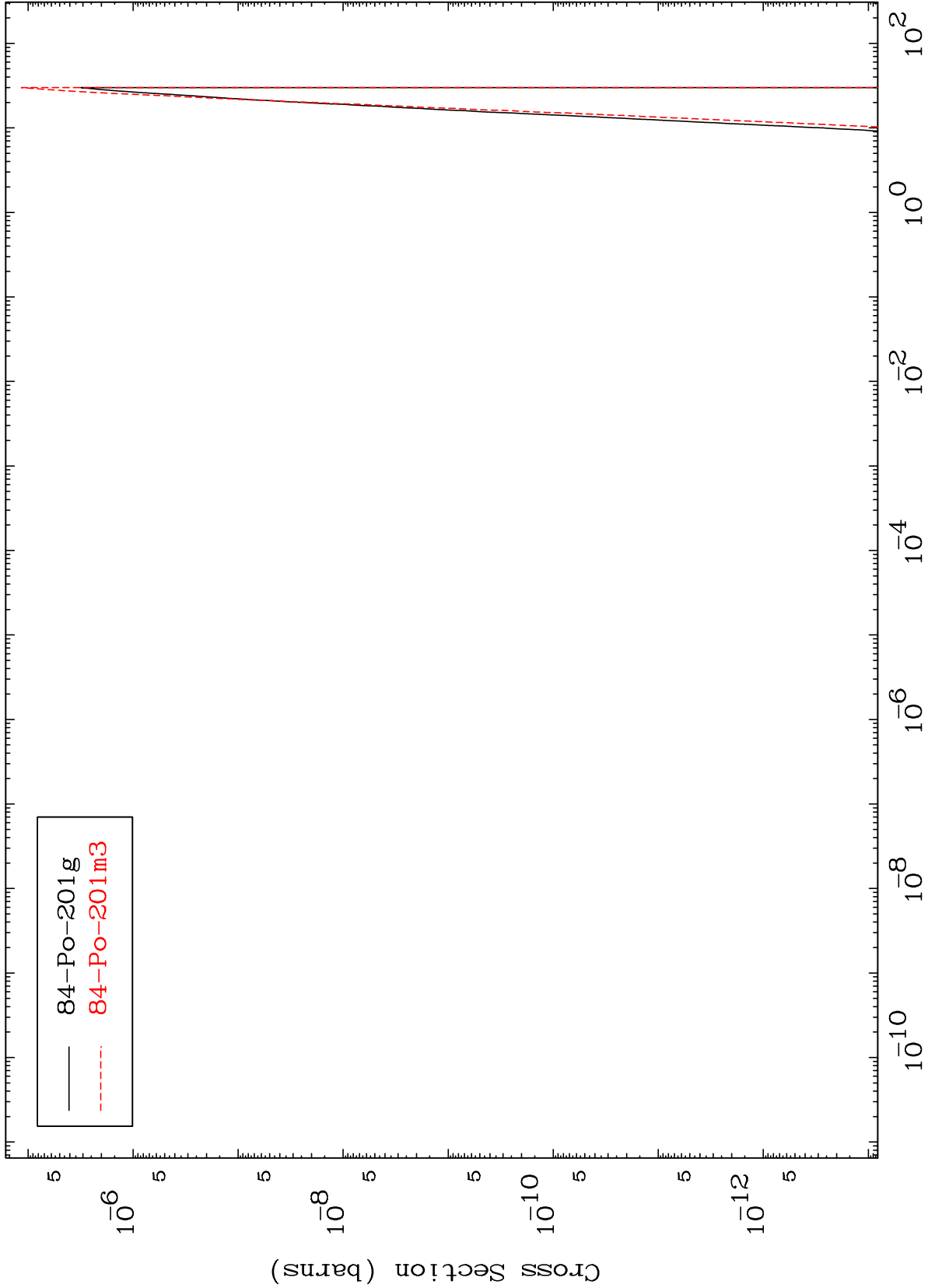


MAT 8783

(n,n') 2 $\alpha$

88-Ra-209

Radionuclide Production Cross Section

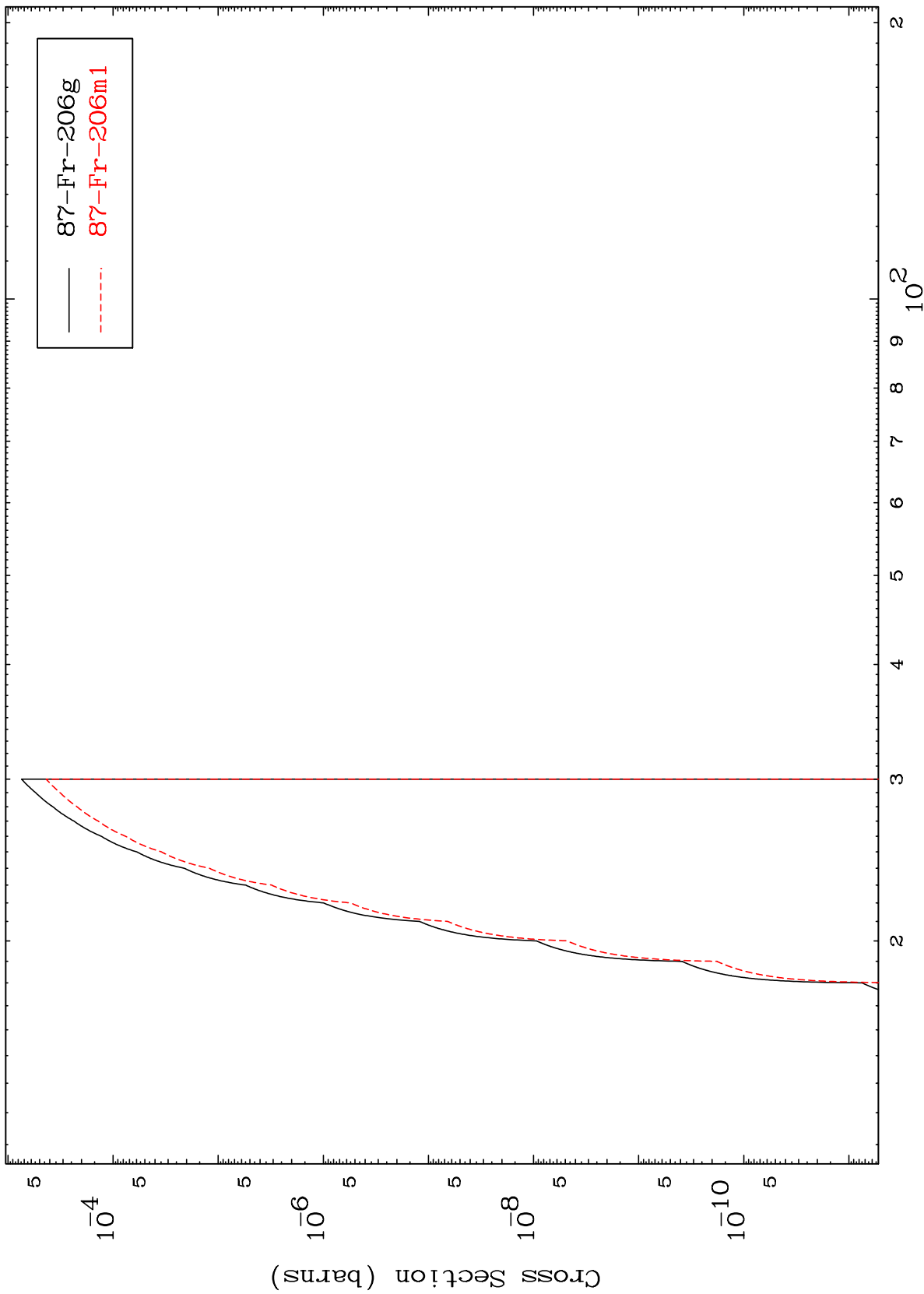


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Incident Energy (MeV)

88-Ra-209

Radionuclide Production Cross Section

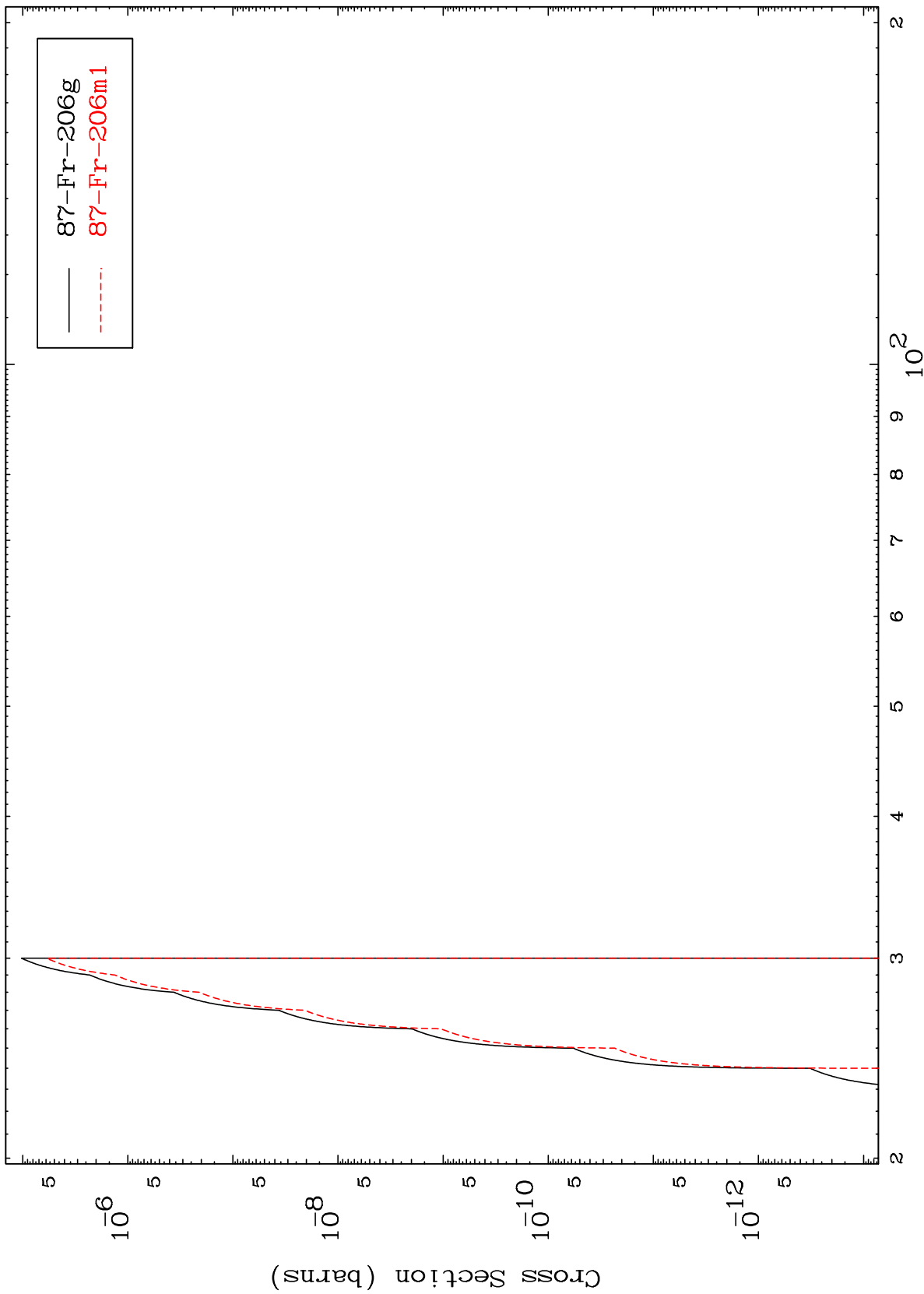


MAT 8783

(n,3n) p

88-Ra-209

Radionuclide Production Cross Section



26

Incident Energy (MeV)

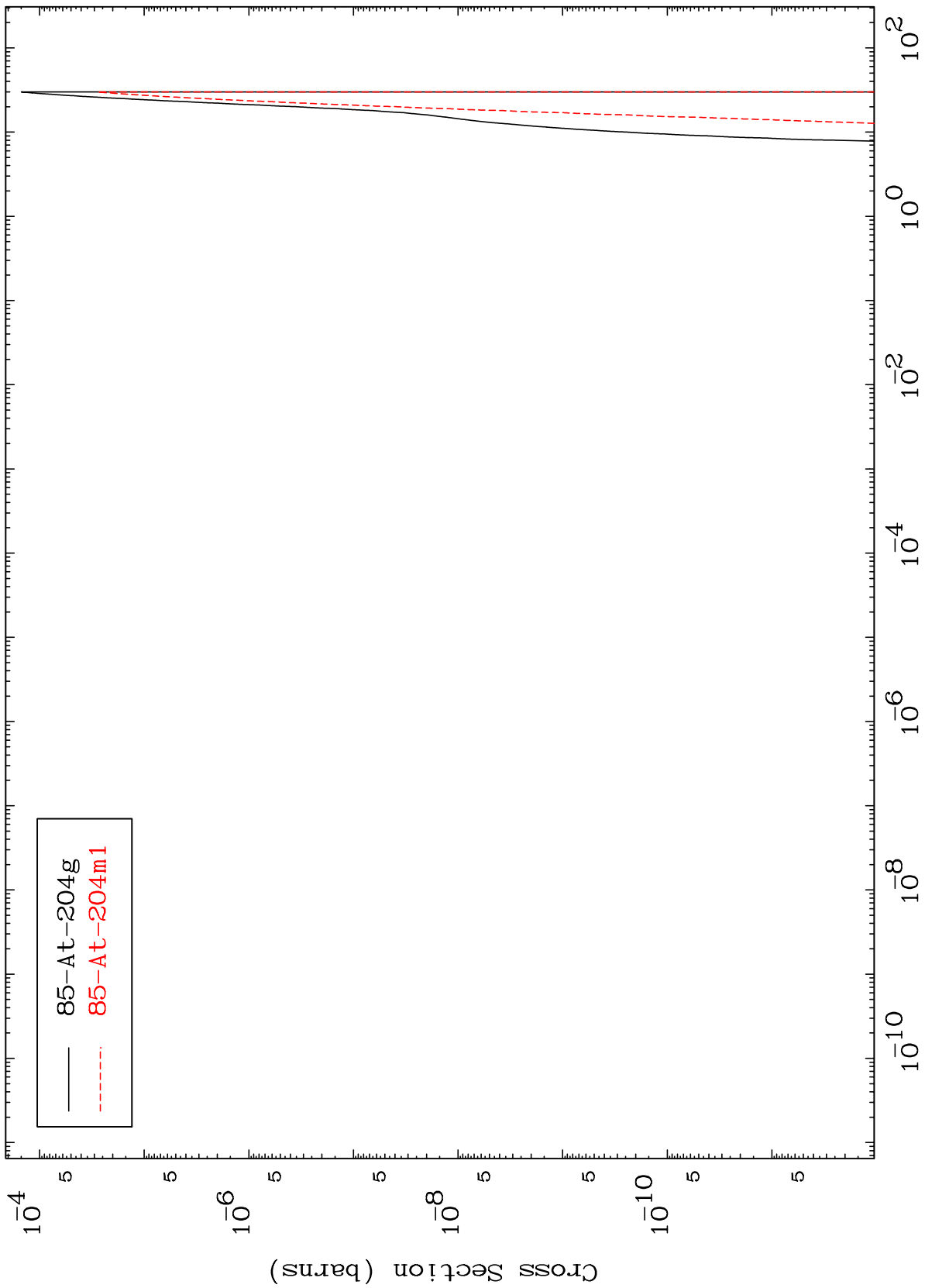
88-Ra-209

MAT 8783

(n,n') p  $\alpha$

88-Ra-209

Radionuclide Production Cross Section



85-At-204g  
85-At-204m1

MAT 8783

(n,d)  $\alpha$

88-Ra-209

Radionuclide Production Cross Section

