

Program EVALPLOT  
(Version 2021-1)

by

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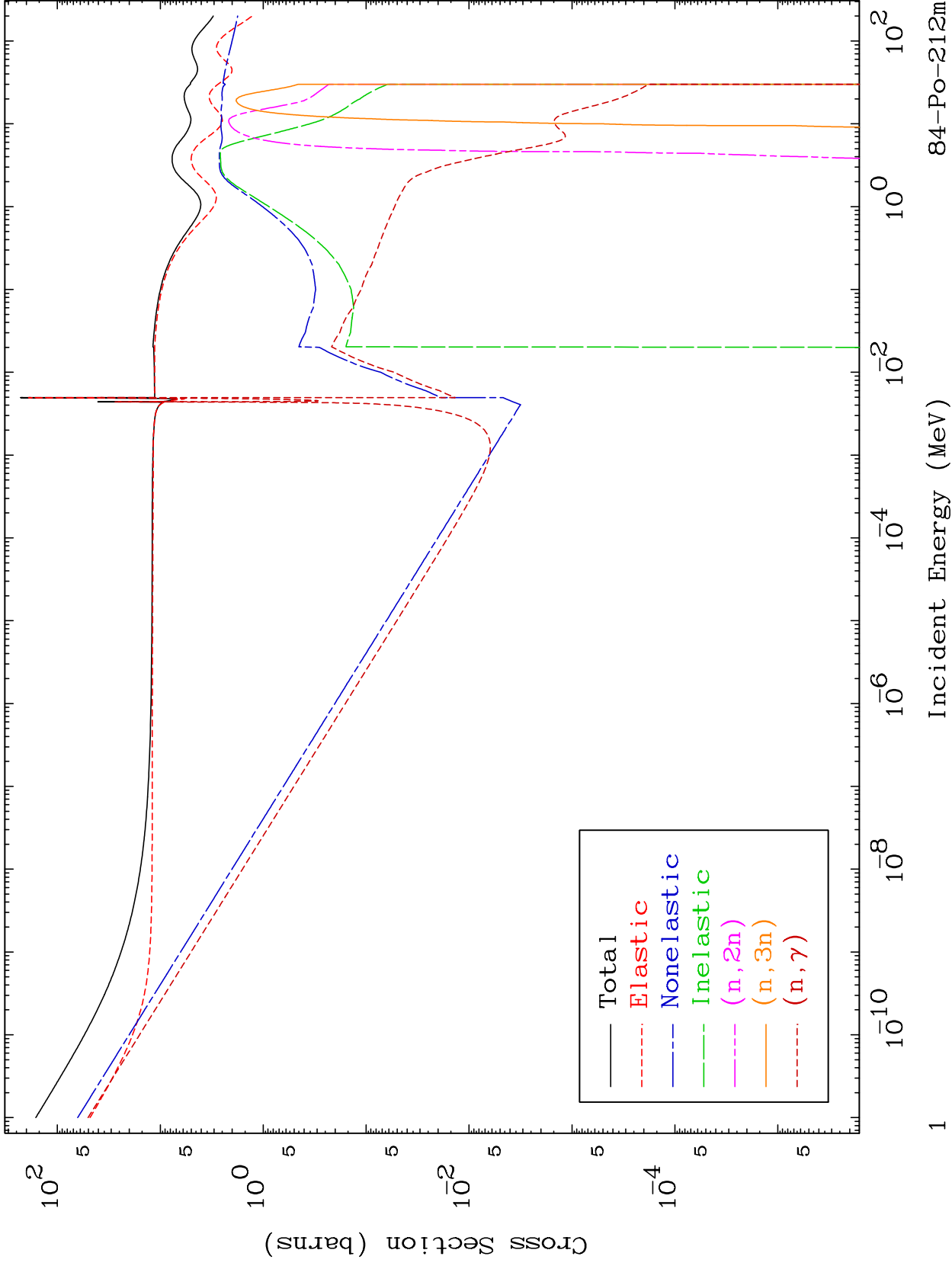
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8444

Neutron Major  
293 Kelvin Cross Sections

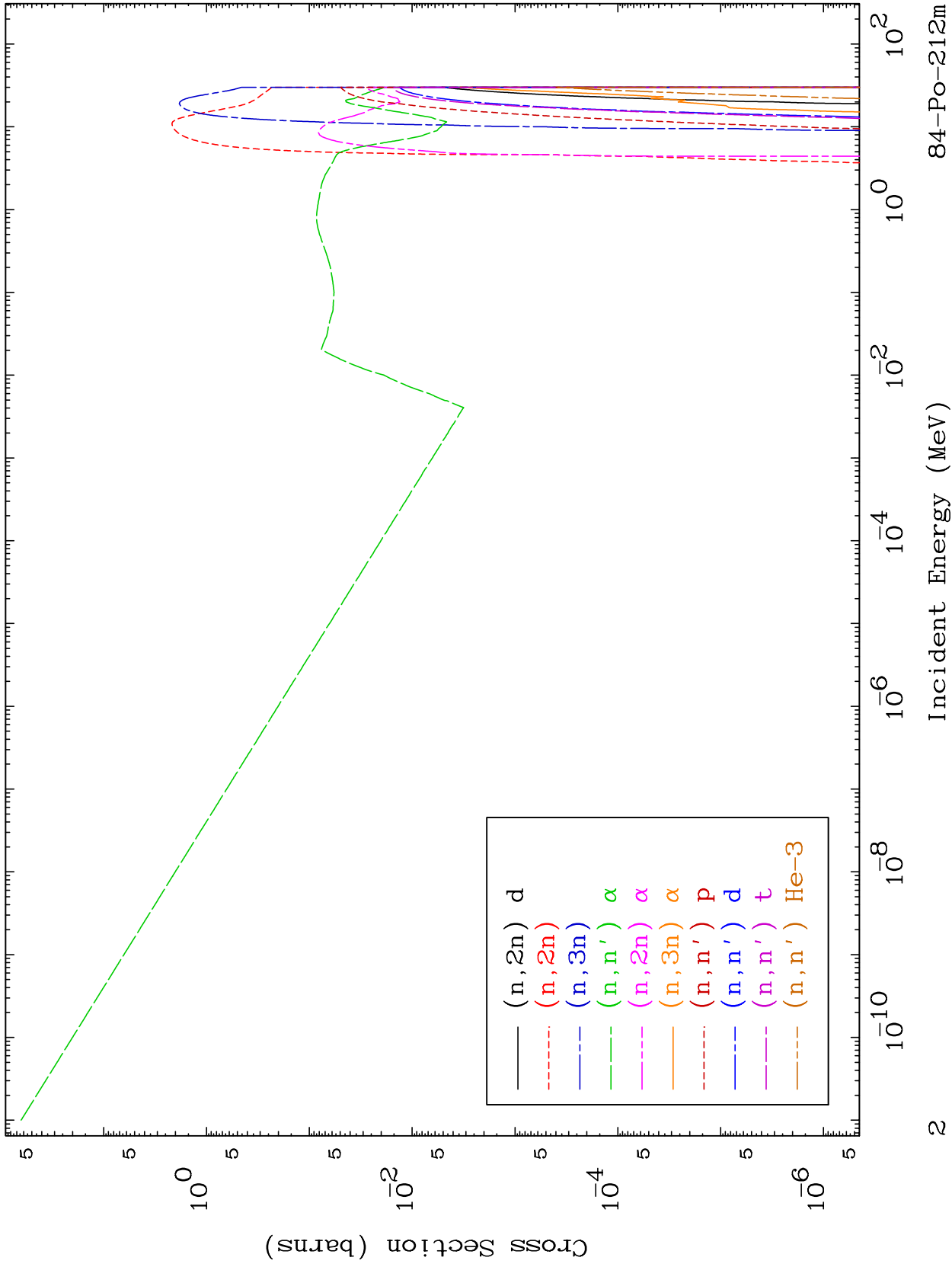
84-Po-212m



MAT 8444

Neutron Absorption  
293 Kelvin Cross Sections

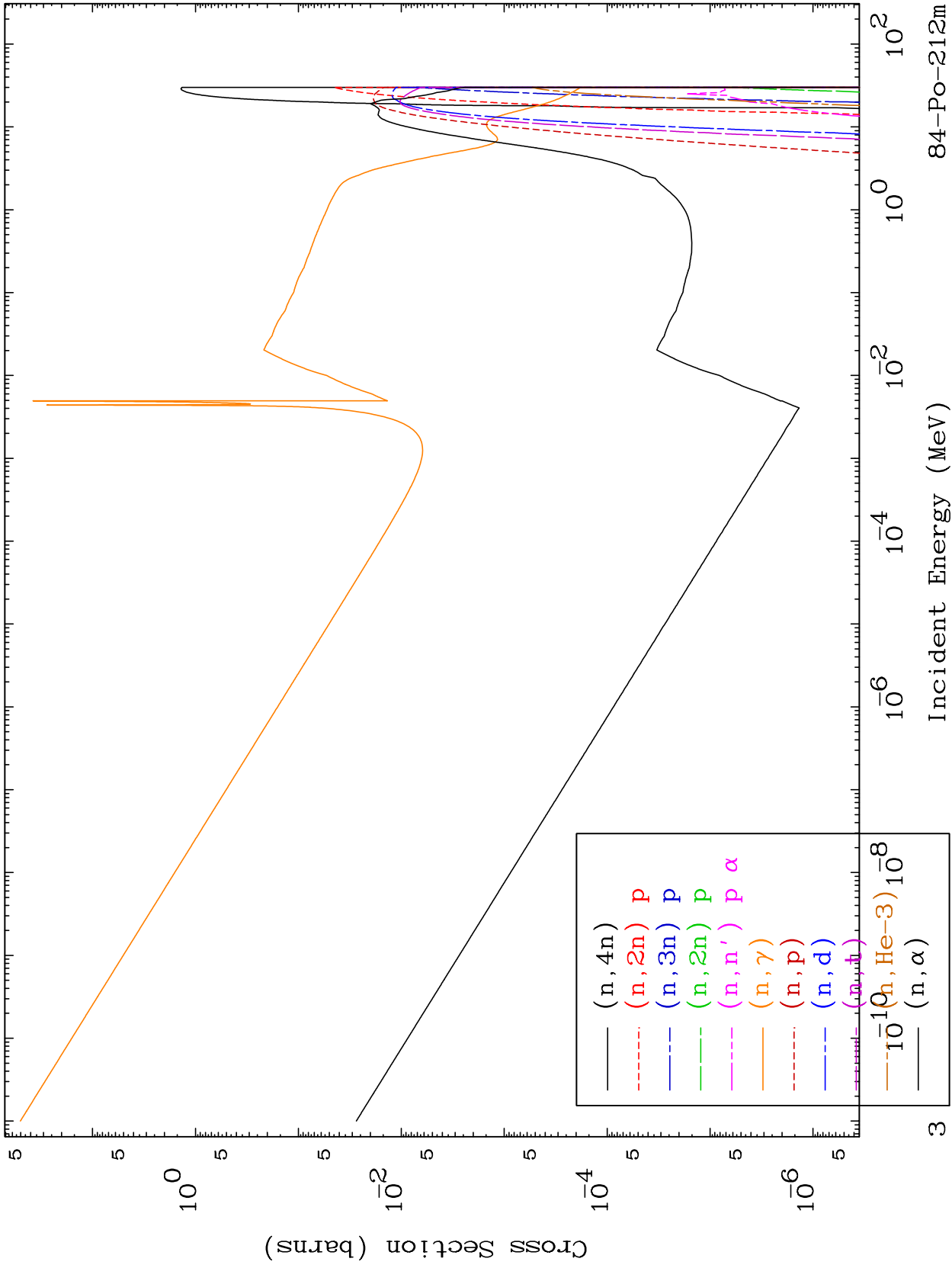
84-Po-212m

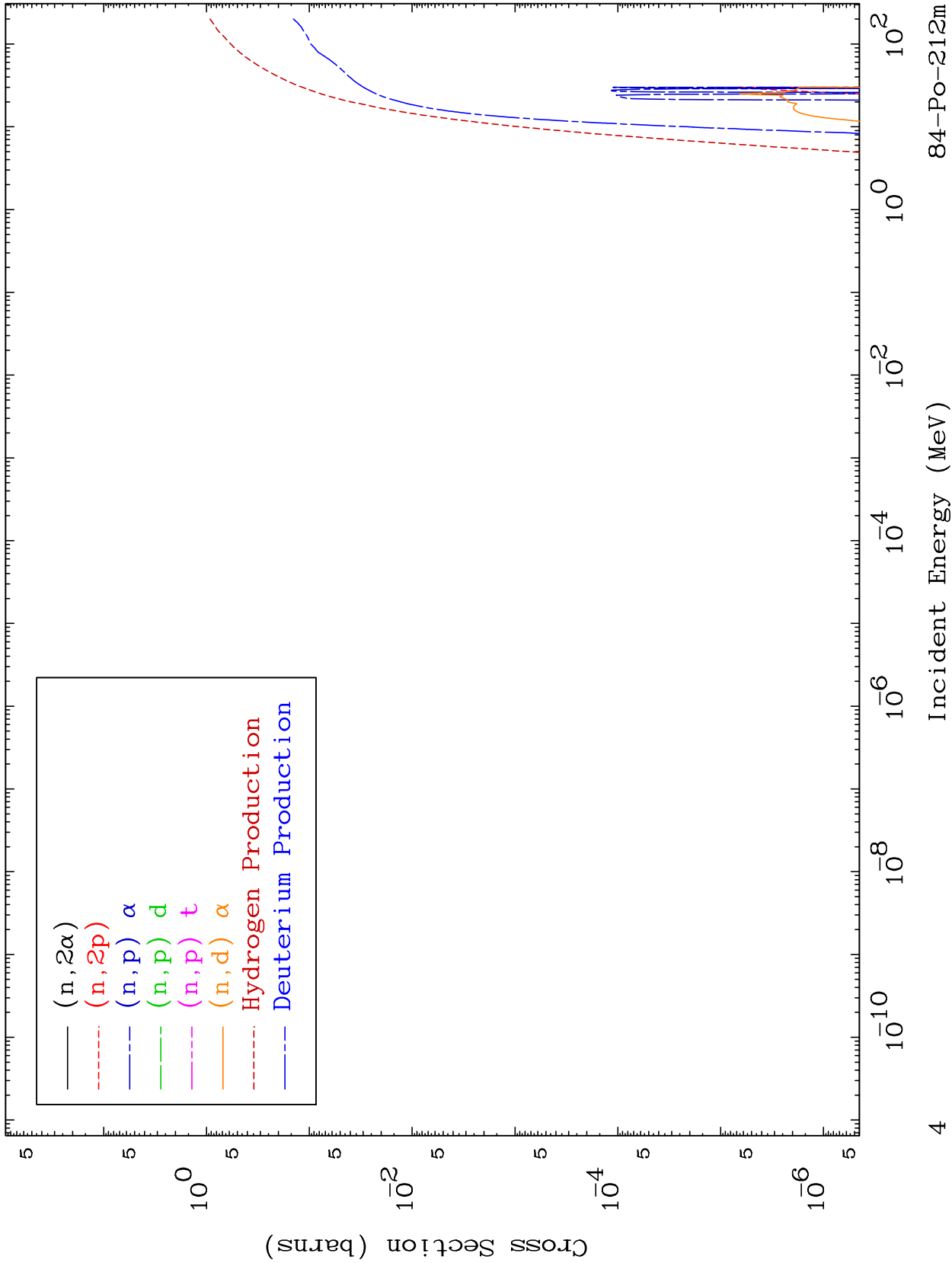


MAT 8444

Neutron Absorption  
293 Kelvin Cross Sections

84-Po-212m

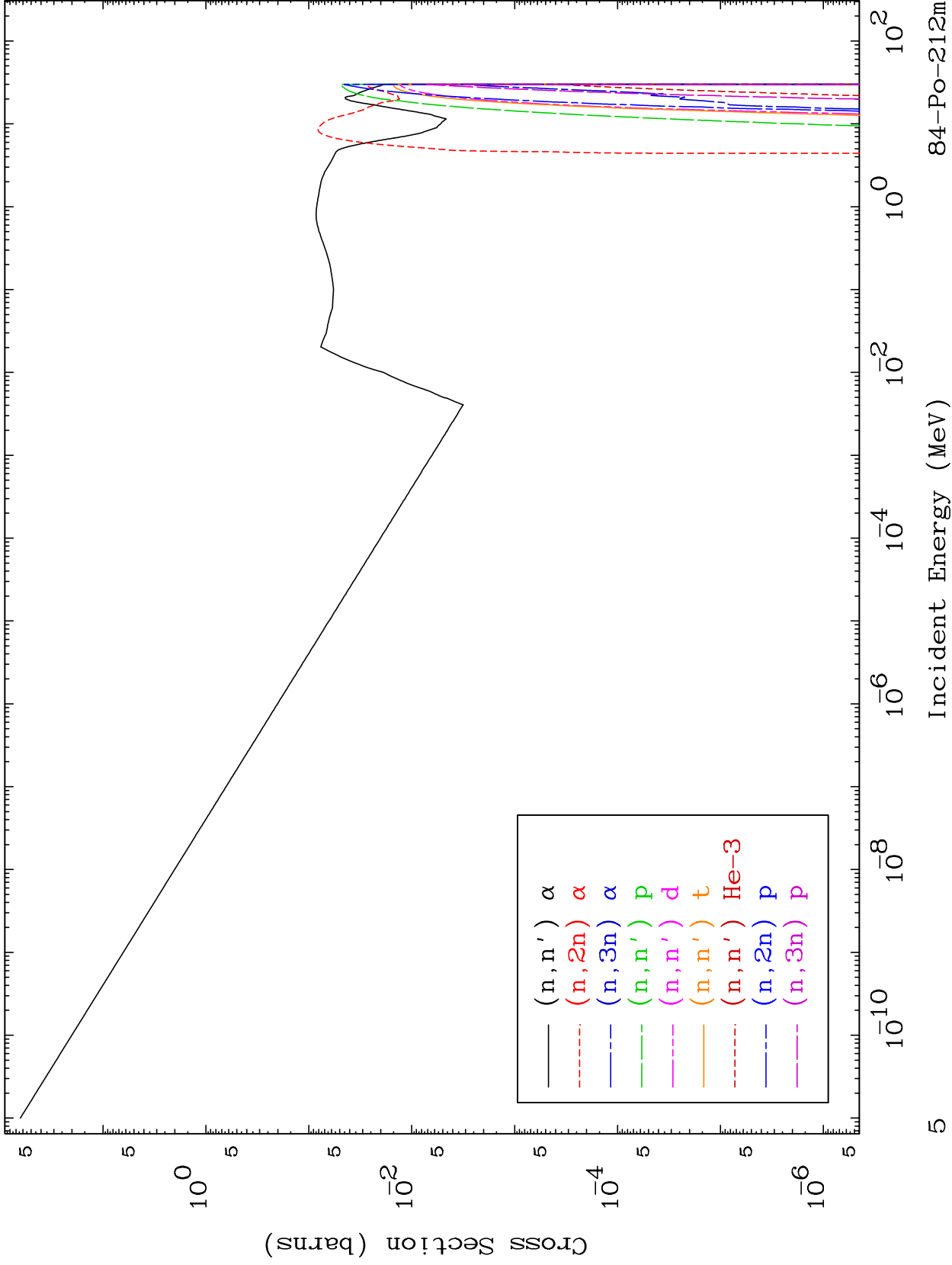




MAT 8444

Charged Particle  
293 Kelvin Cross Sections

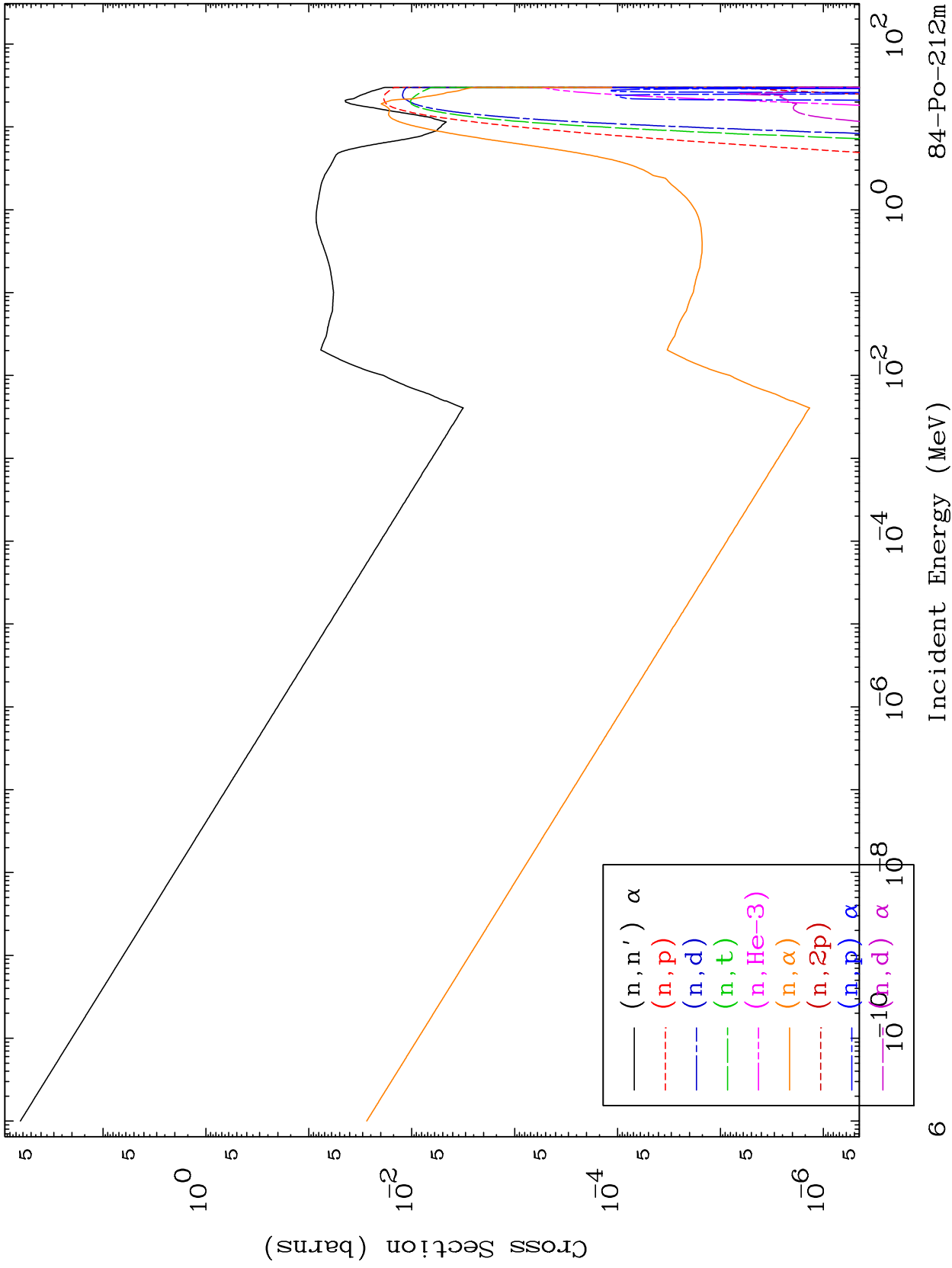
84-Po-212m



MAT 8444

Charged Particle  
293 Kelvin Cross Sections

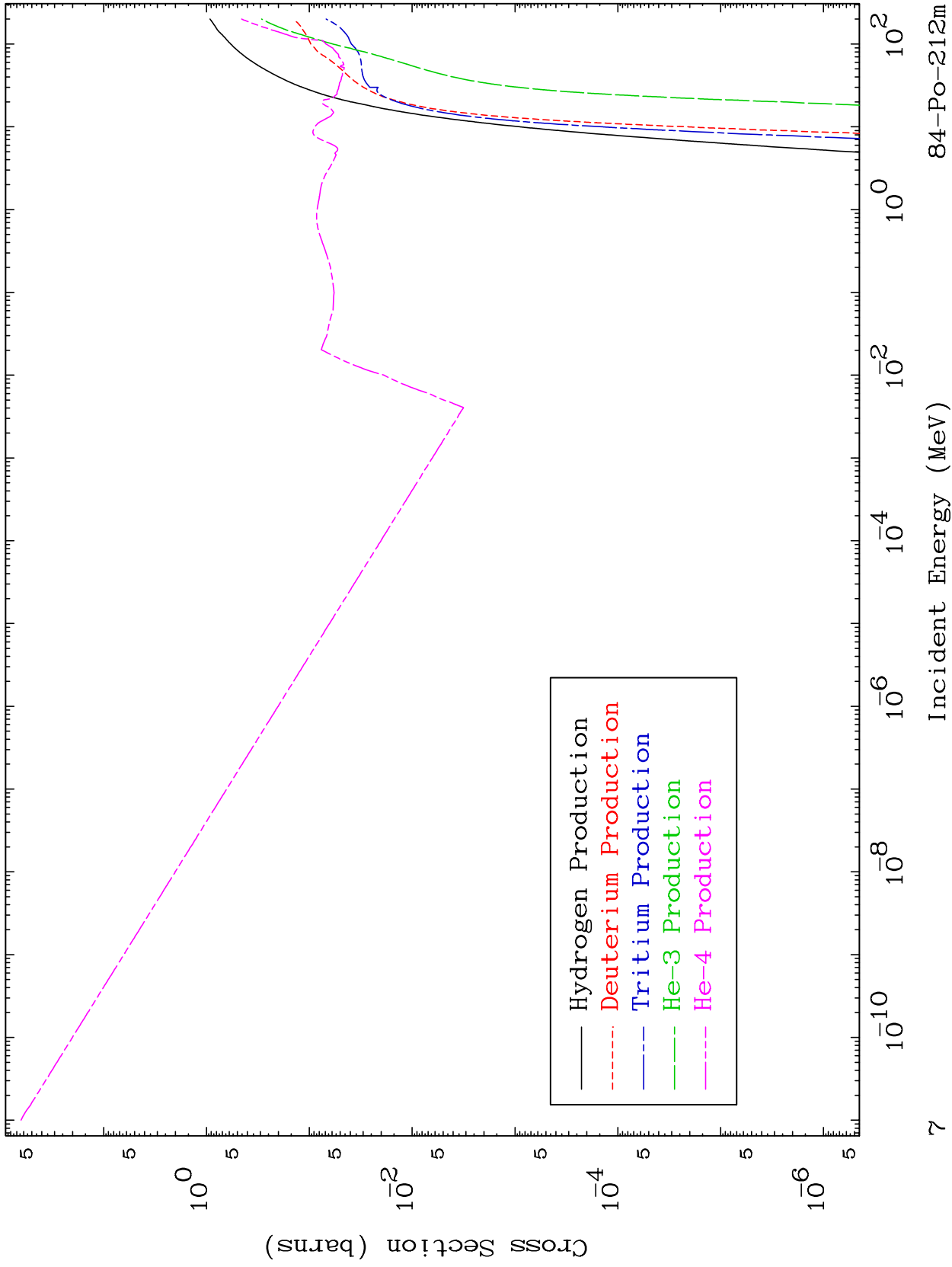
84-Po-212m



MAT 8444

Particle Production  
293 Kelvin Cross Sections

84-Po-212m

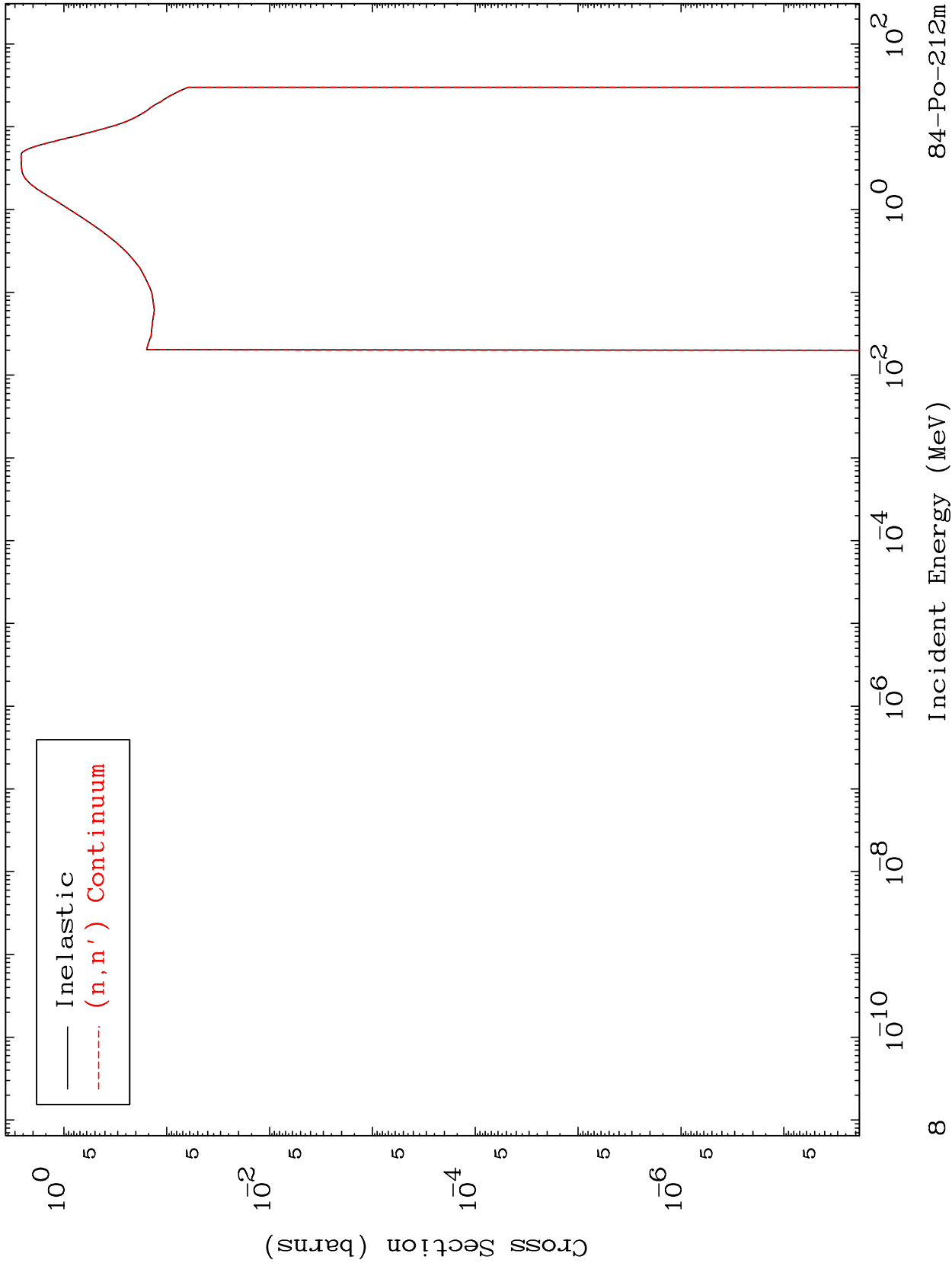




MAT 8444

(n,n') Levels  
293 Kelvin Cross Sections

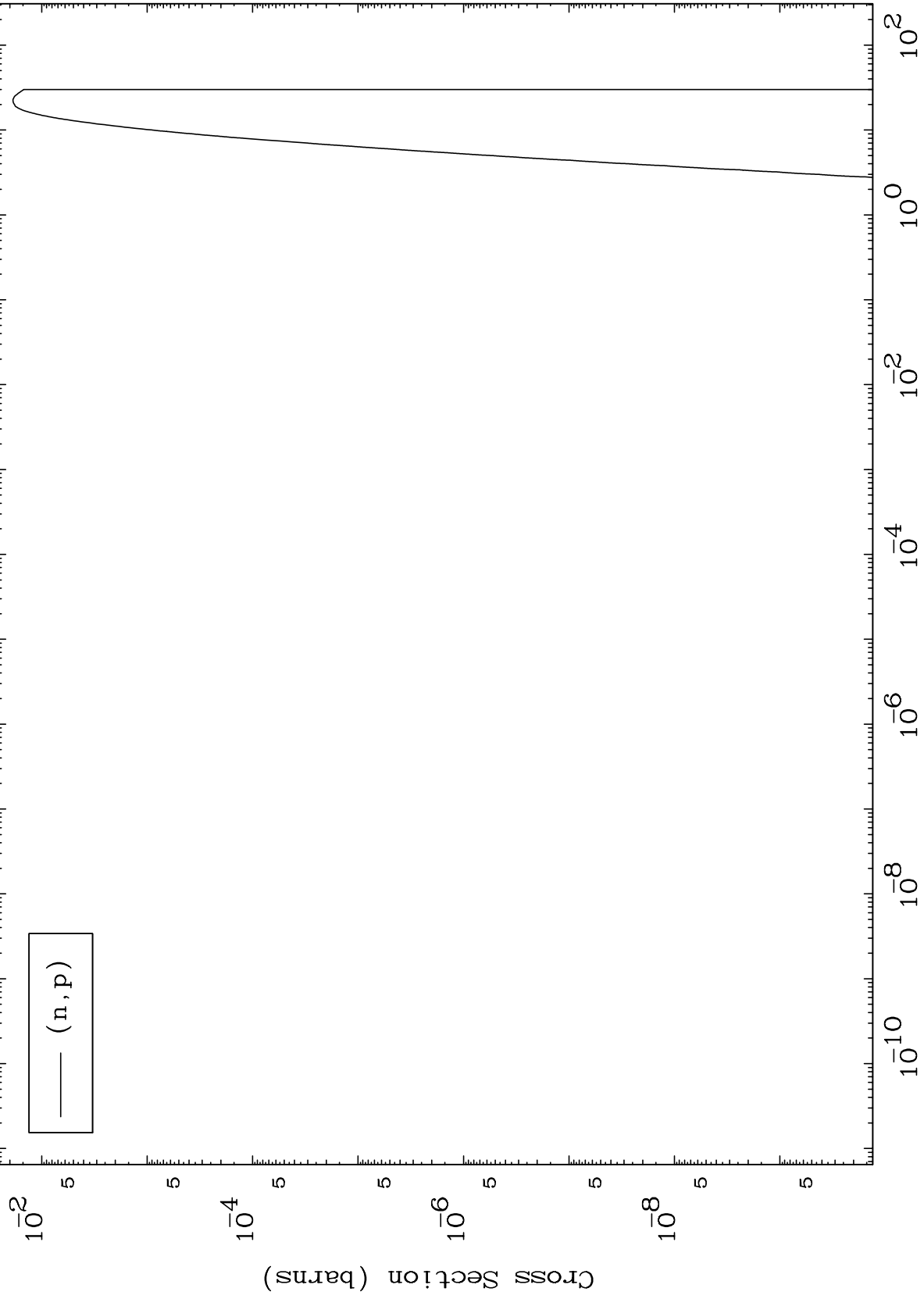
84-Po-212m



MAT 8444

(n,p) Levels  
293 Kelvin Cross Sections

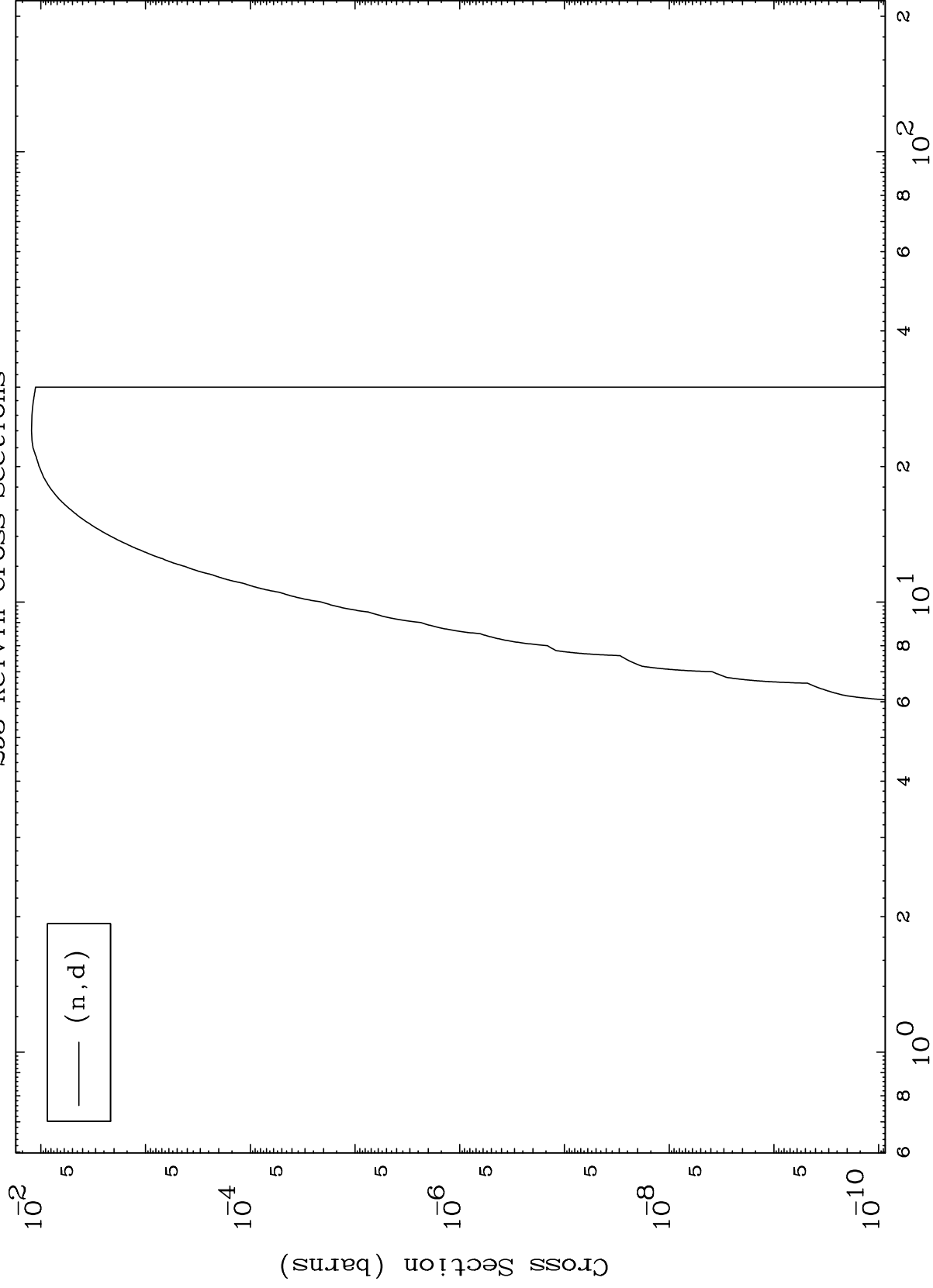
84-Po-212m



MAT 8444

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-212m



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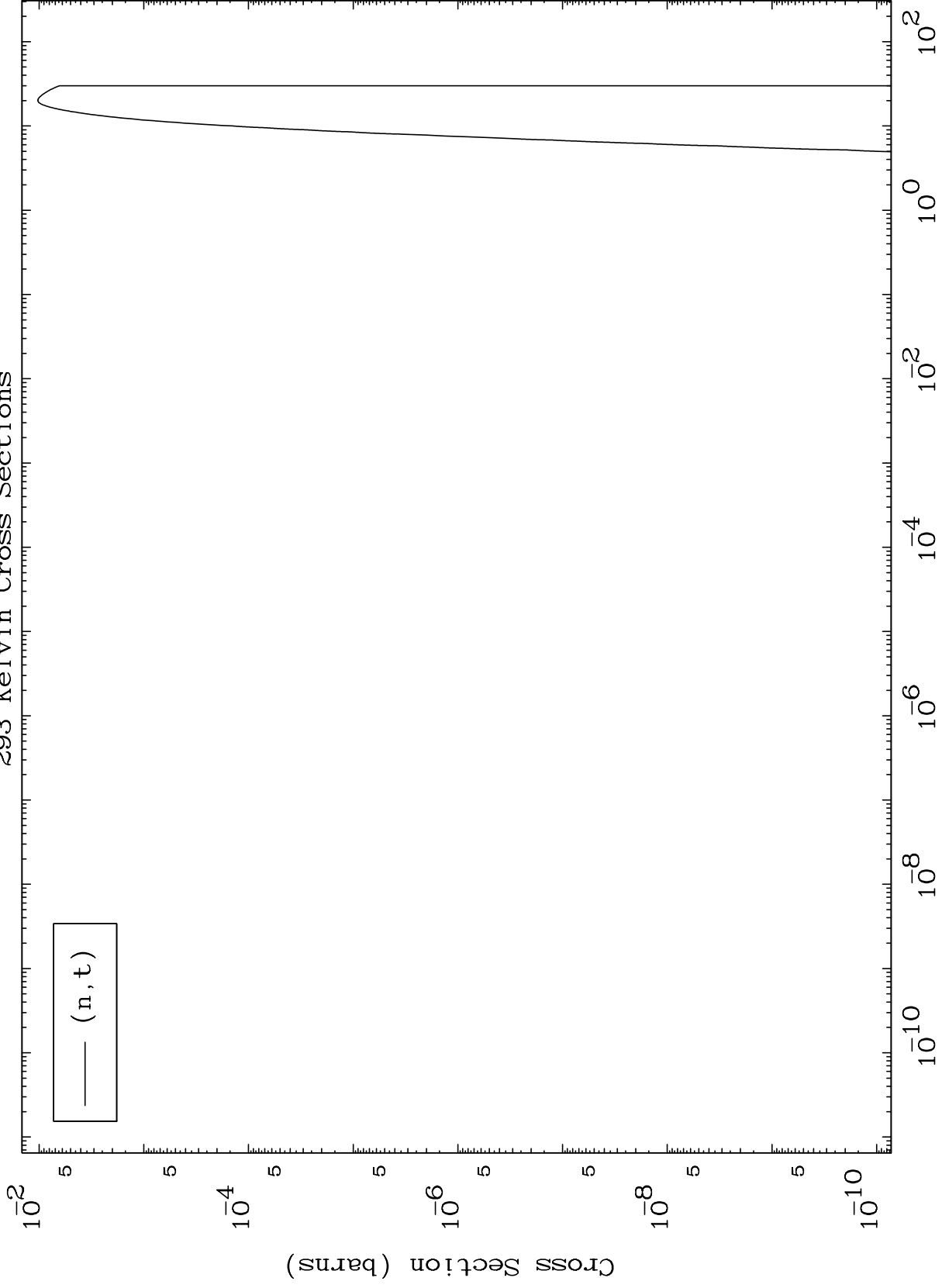
Incident Energy (MeV)

84-Po-212m

MAT 8444

(n,t) Levels  
293 Kelvin Cross Sections

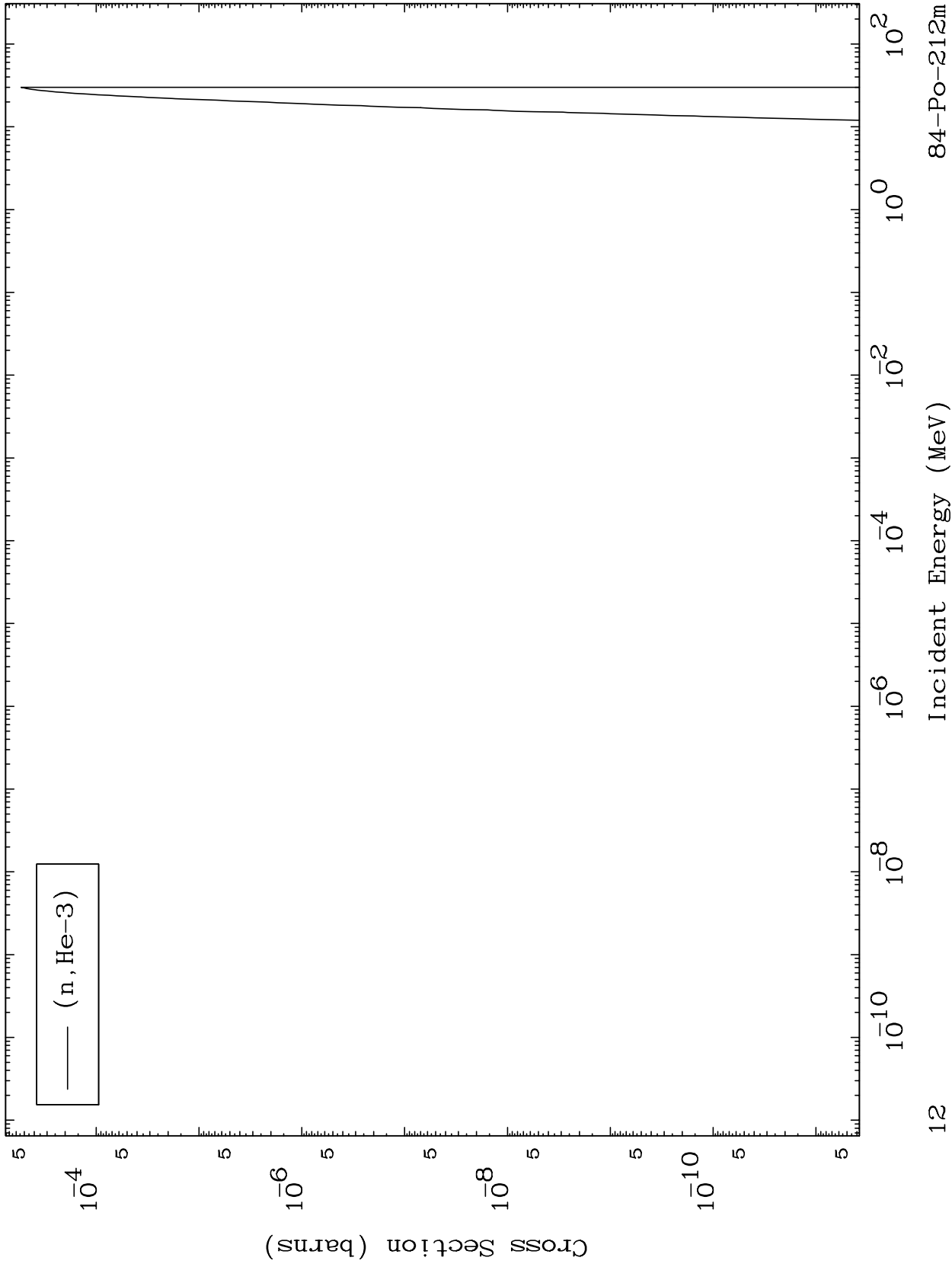
84-Po-212m



MAT 8444

(n,He3) Levels  
293 Kelvin Cross Sections

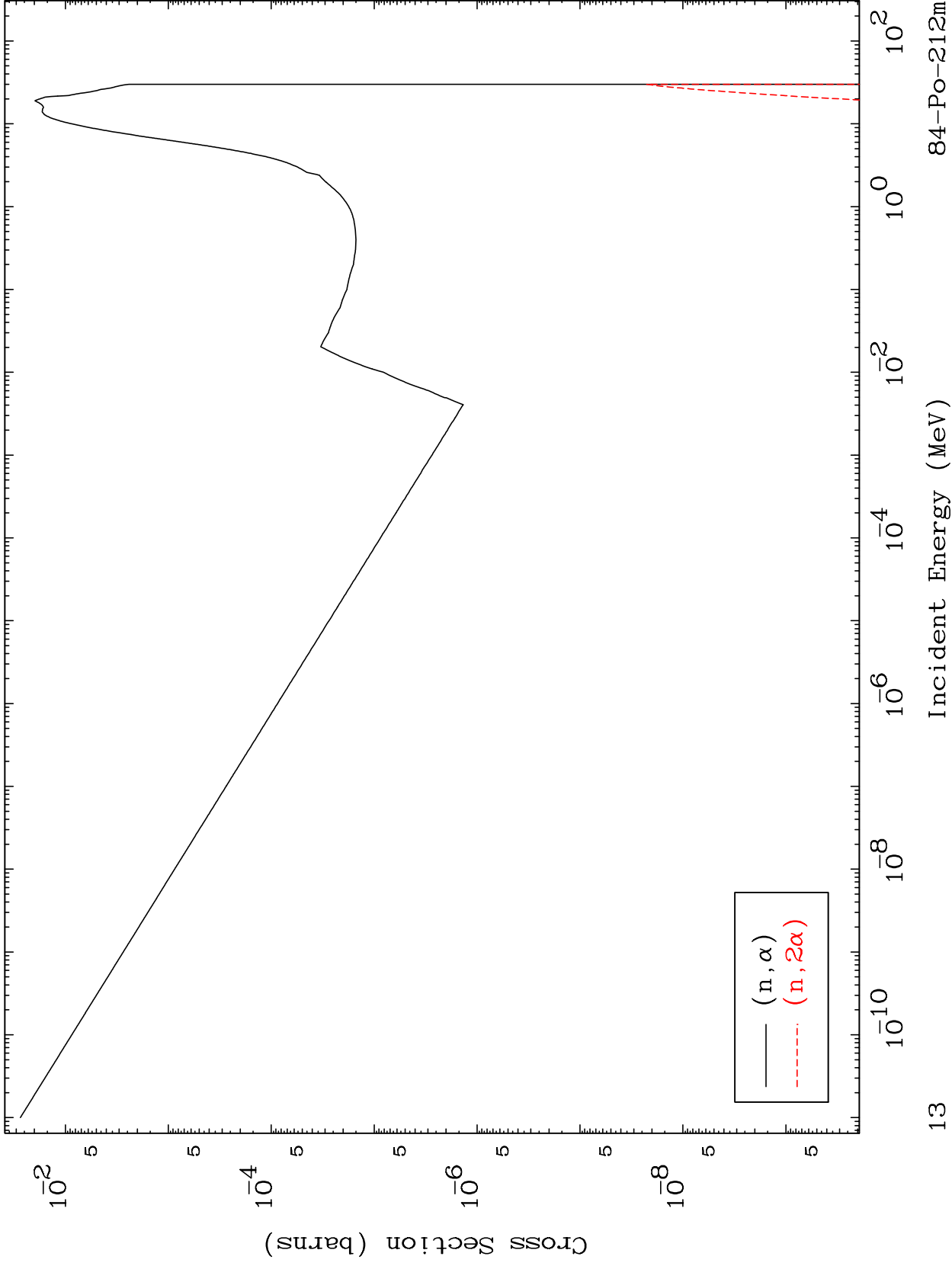
84-Po-212m



MAT 8444

(n,α) Levels  
293 Kelvin Cross Sections

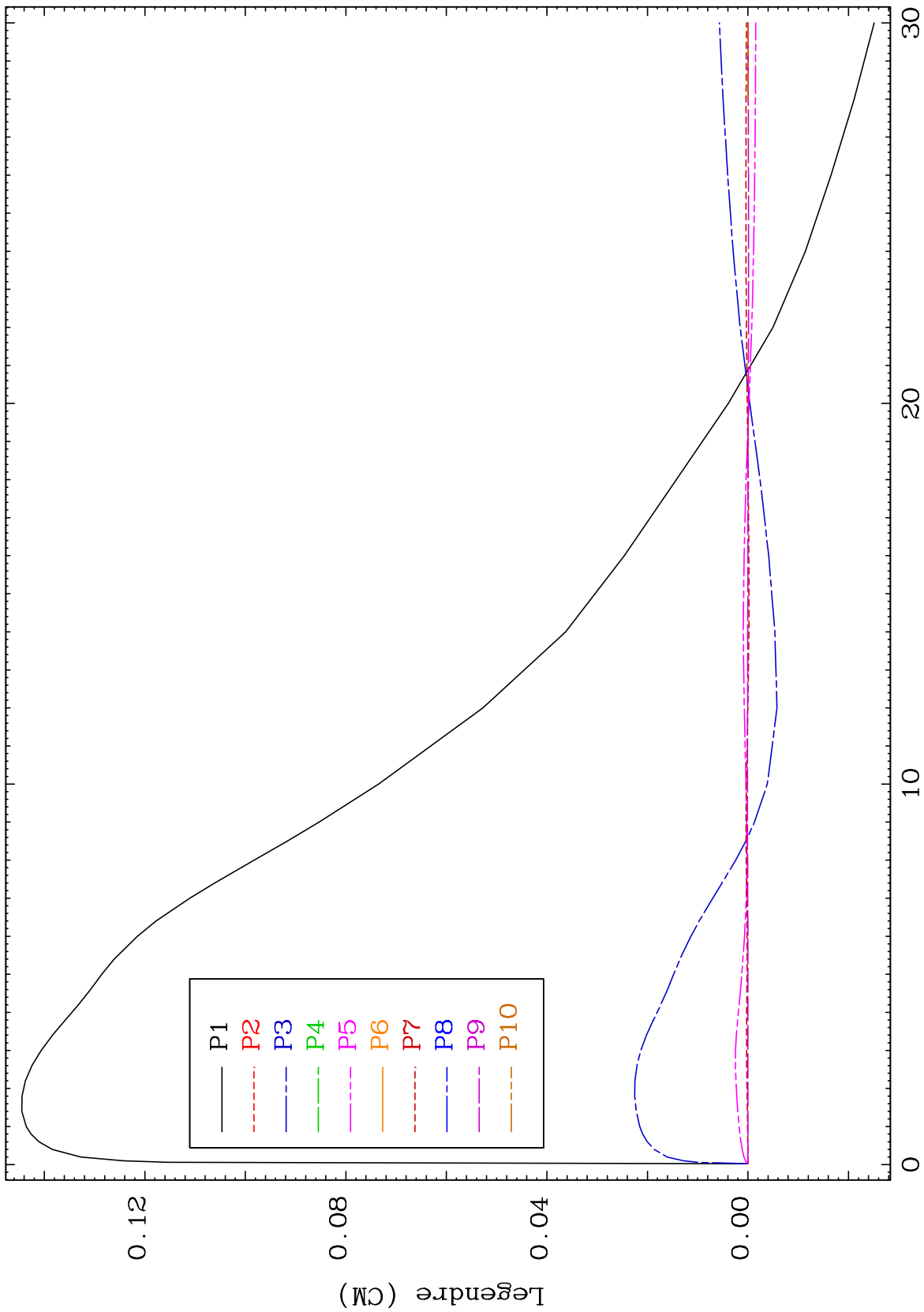
84-Po-212m



MAT 8444

Elastic Legendre Coefficients

84-Po-212m



14

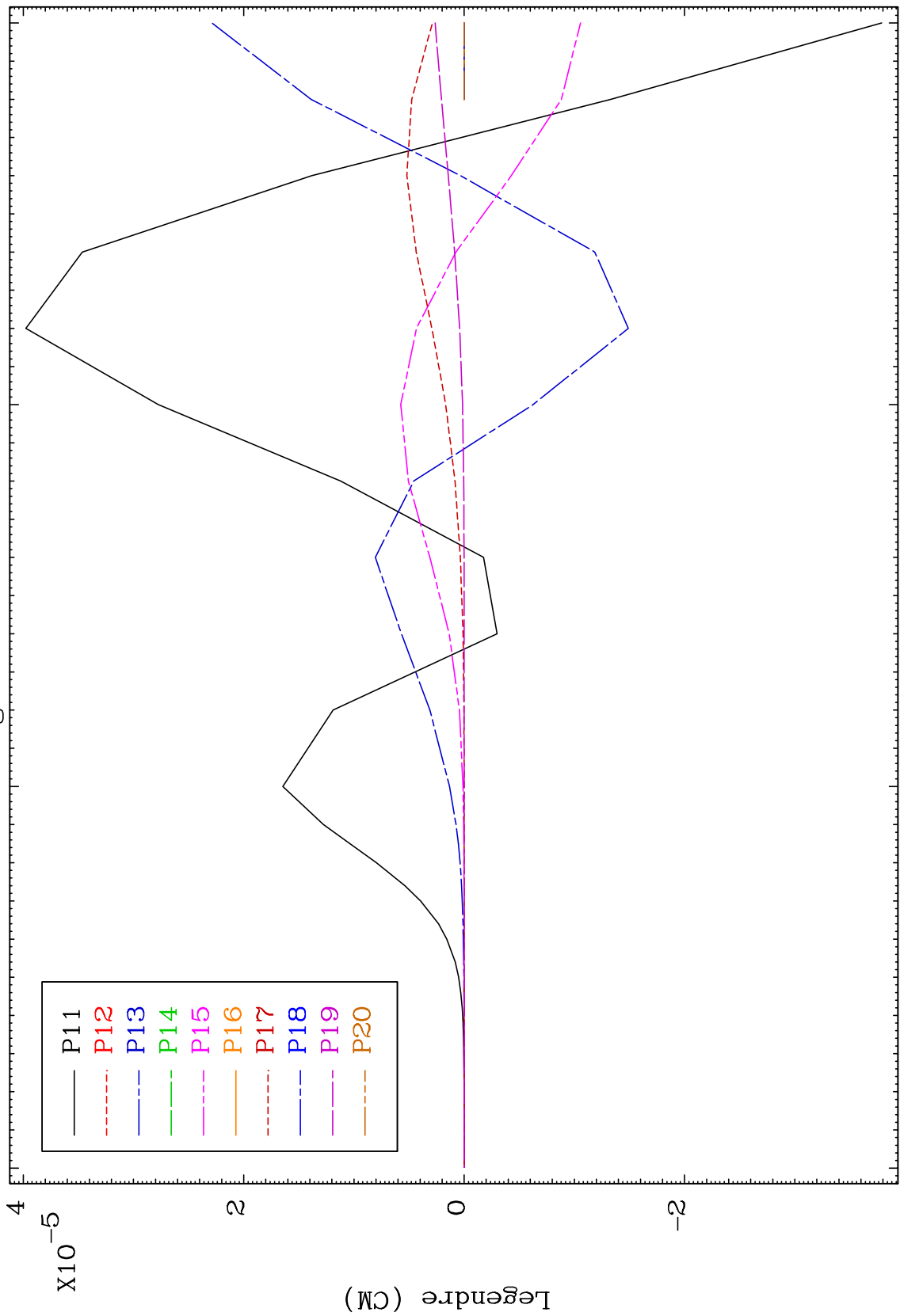
Incident Energy (MeV)

84-Po-212m

MAT 8444

Elastic Legendre Coefficients

84-Po-212m



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Incident Energy (MeV)

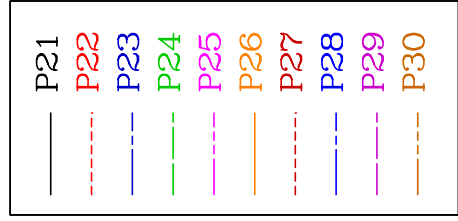
84-Po-212m



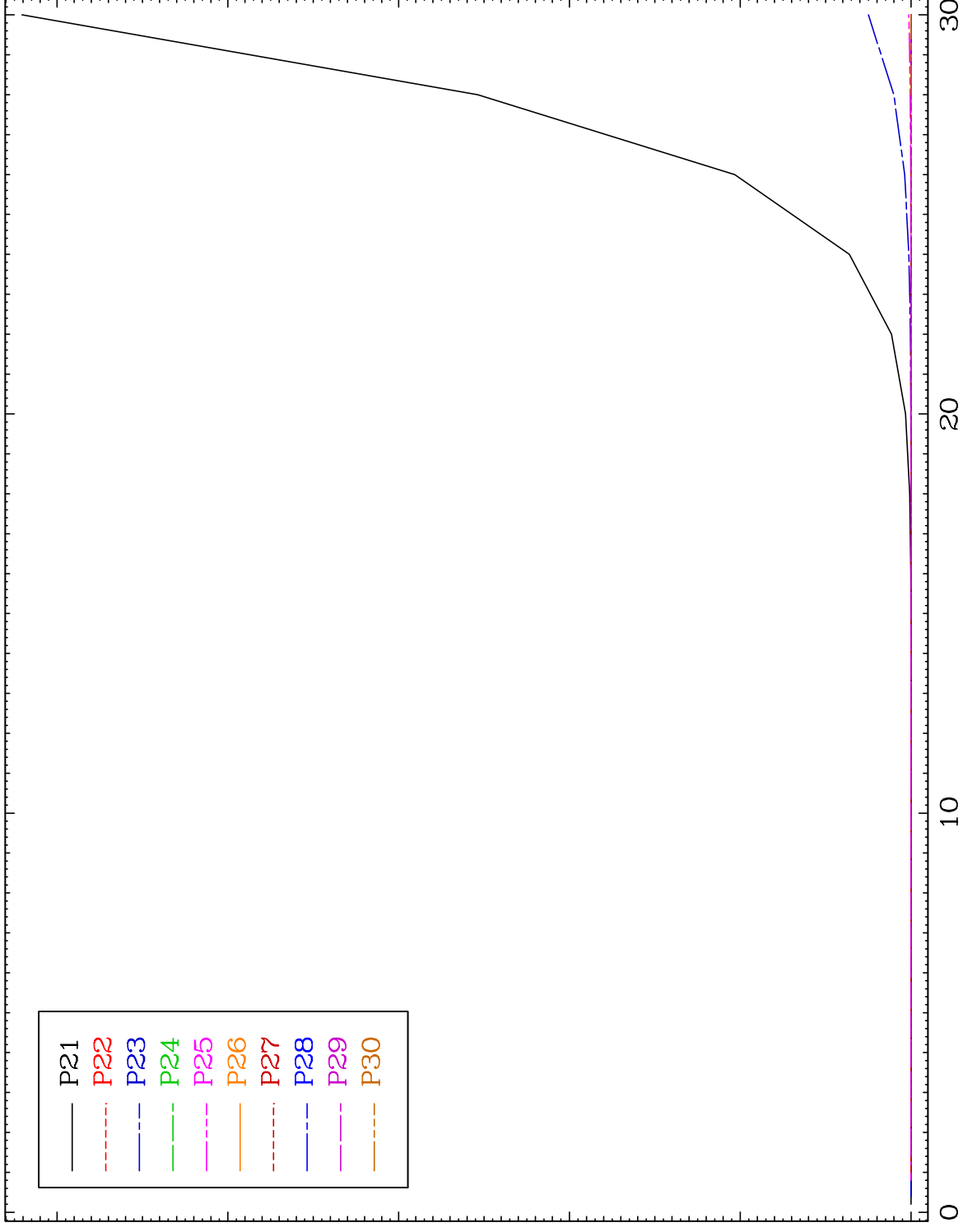
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Elastic  
Legendre Coefficients

84-Po-212m



Legendre (CM)  
 $\times 10^{-75}$



16

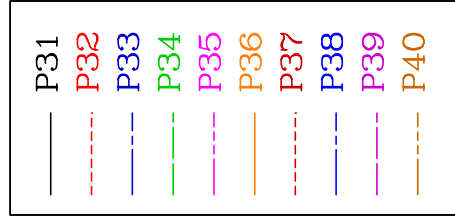
Incident Energy (MeV)

84-Po-212m

MAT 8444

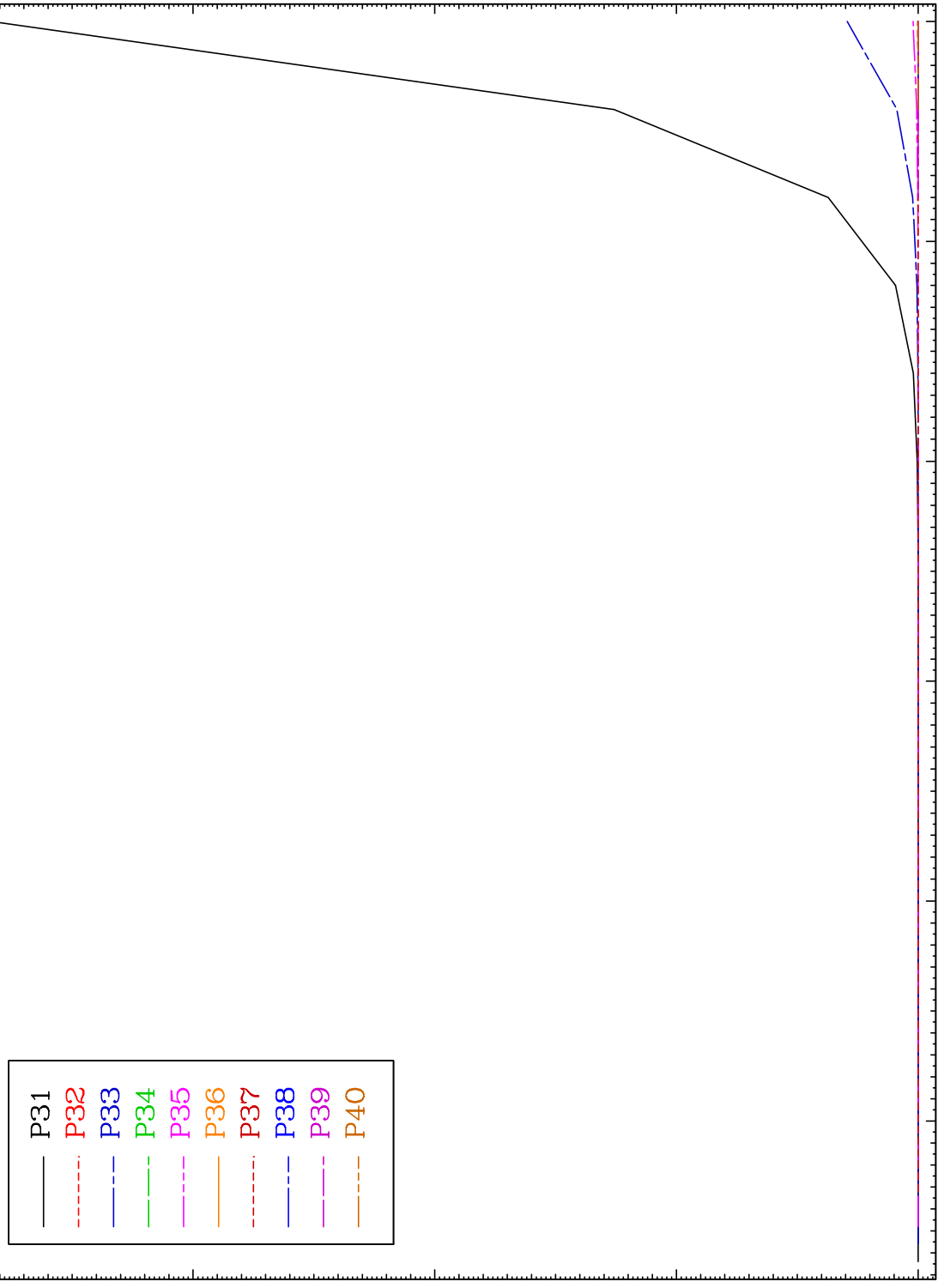
Elastic  
Legendre Coefficients

84-Po-212m



$\times 10^{-13}$

Legendre (CM)



17

Incident Energy (MeV)

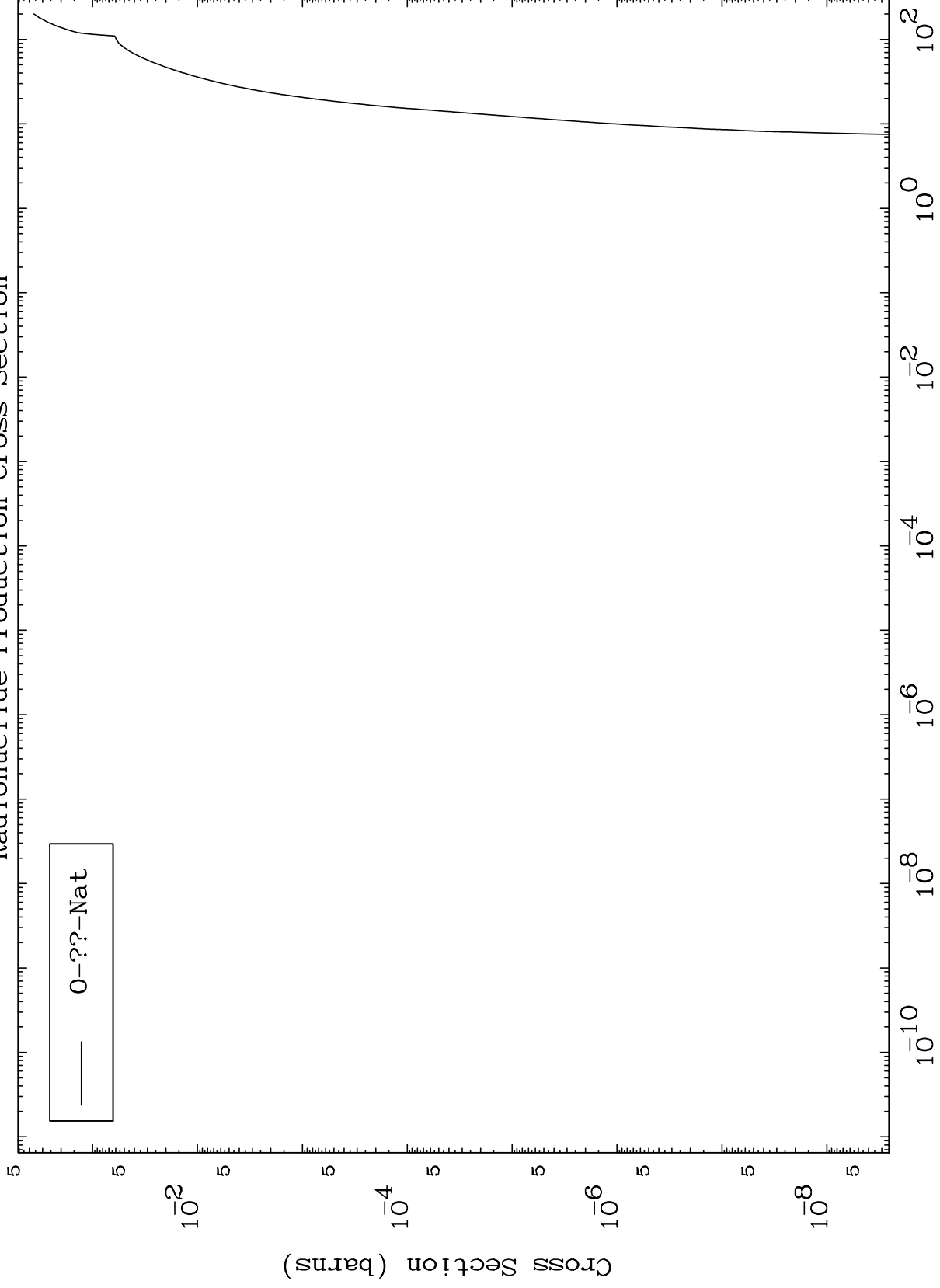
84-Po-212m

MAT 8444

Fission

84-Po-212m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

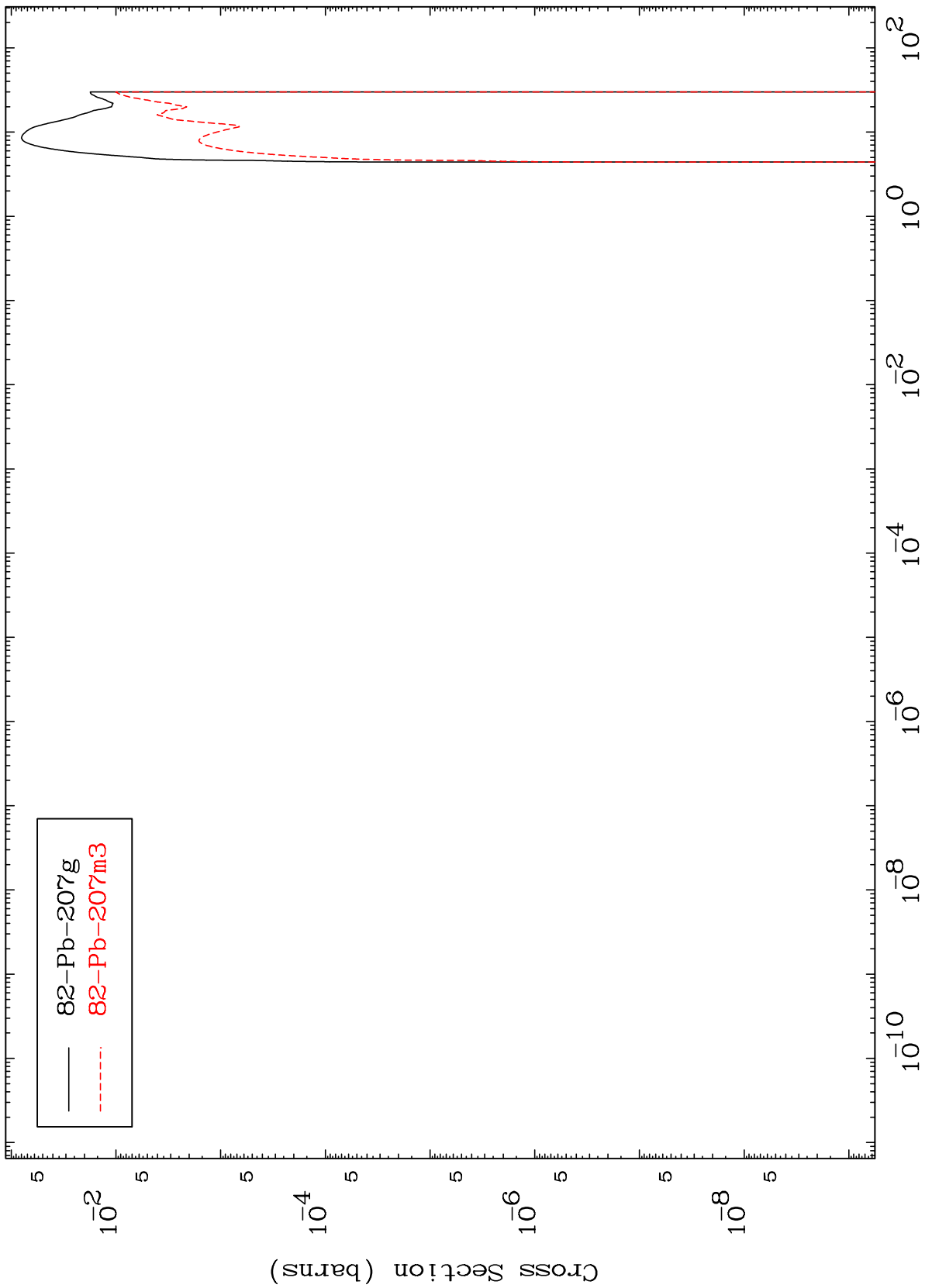
84-Po-212m

MAT 8444

(n,2n)  $\alpha$

84-Po-212m

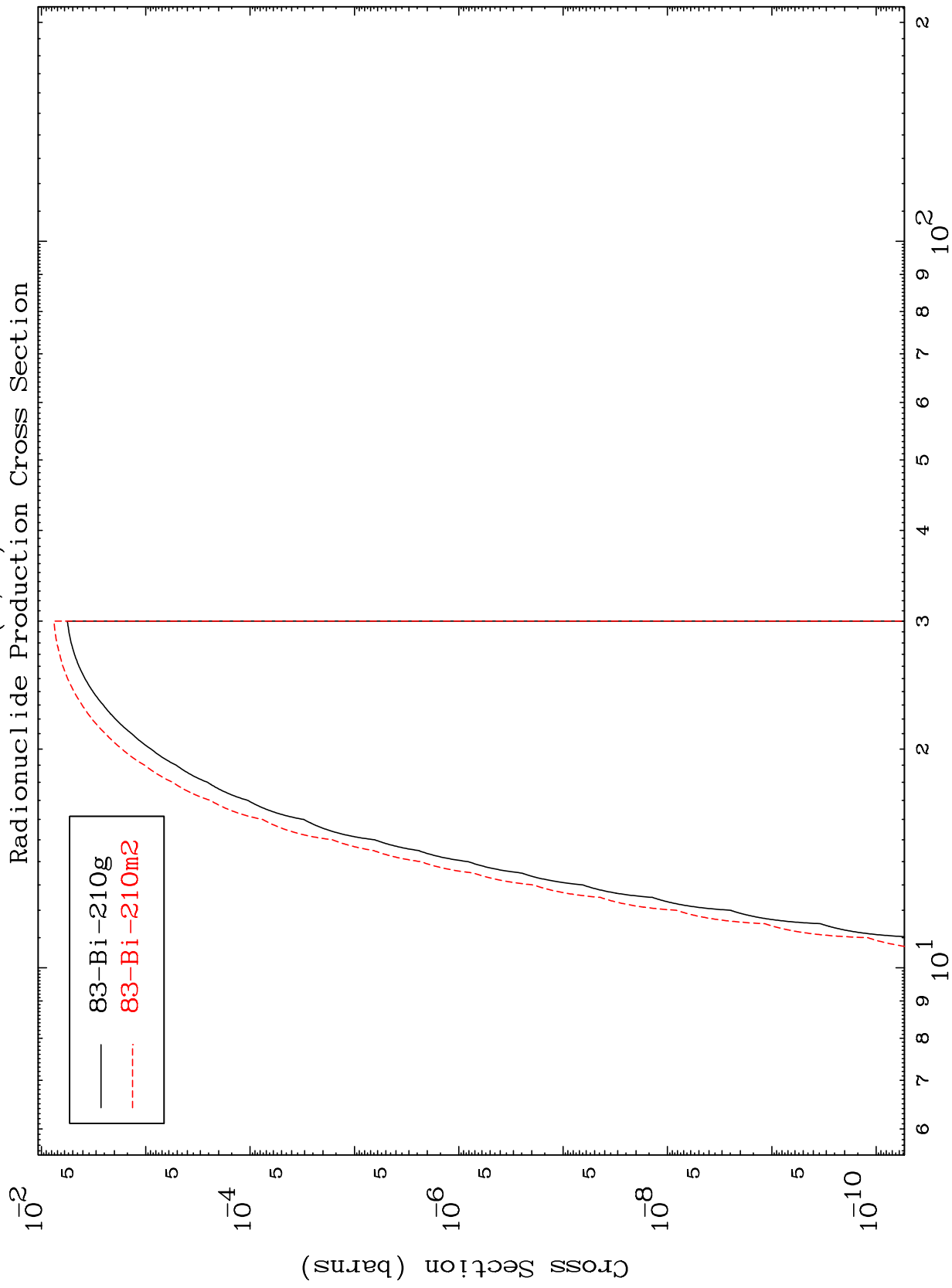
Radionuclide Production Cross Section



MAT 8444

(n,n') d

84-Po-212m



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Incident Energy (MeV)

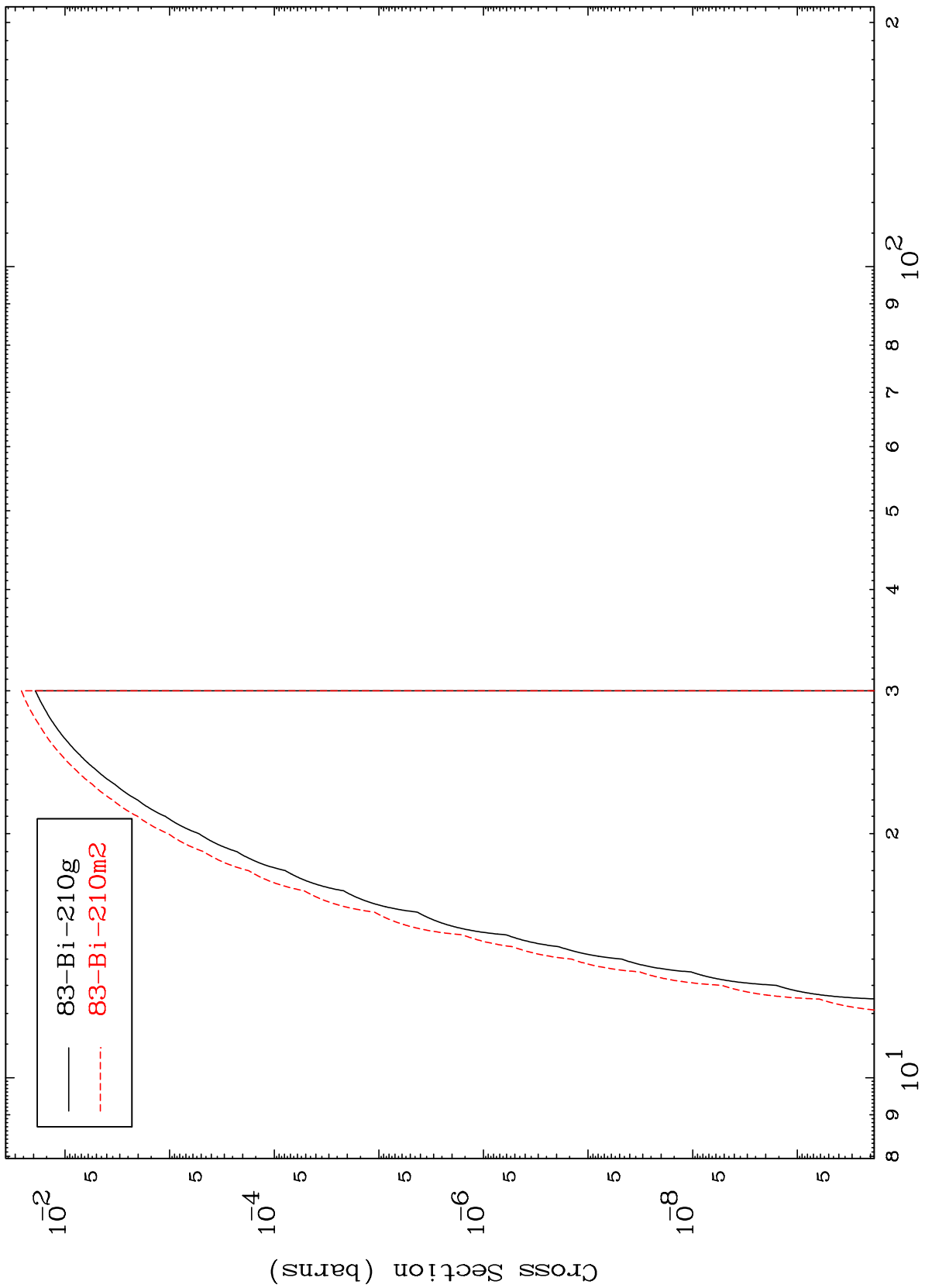
84-Po-212m

MAT 8444

(n,2n) p

84-Po-212m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

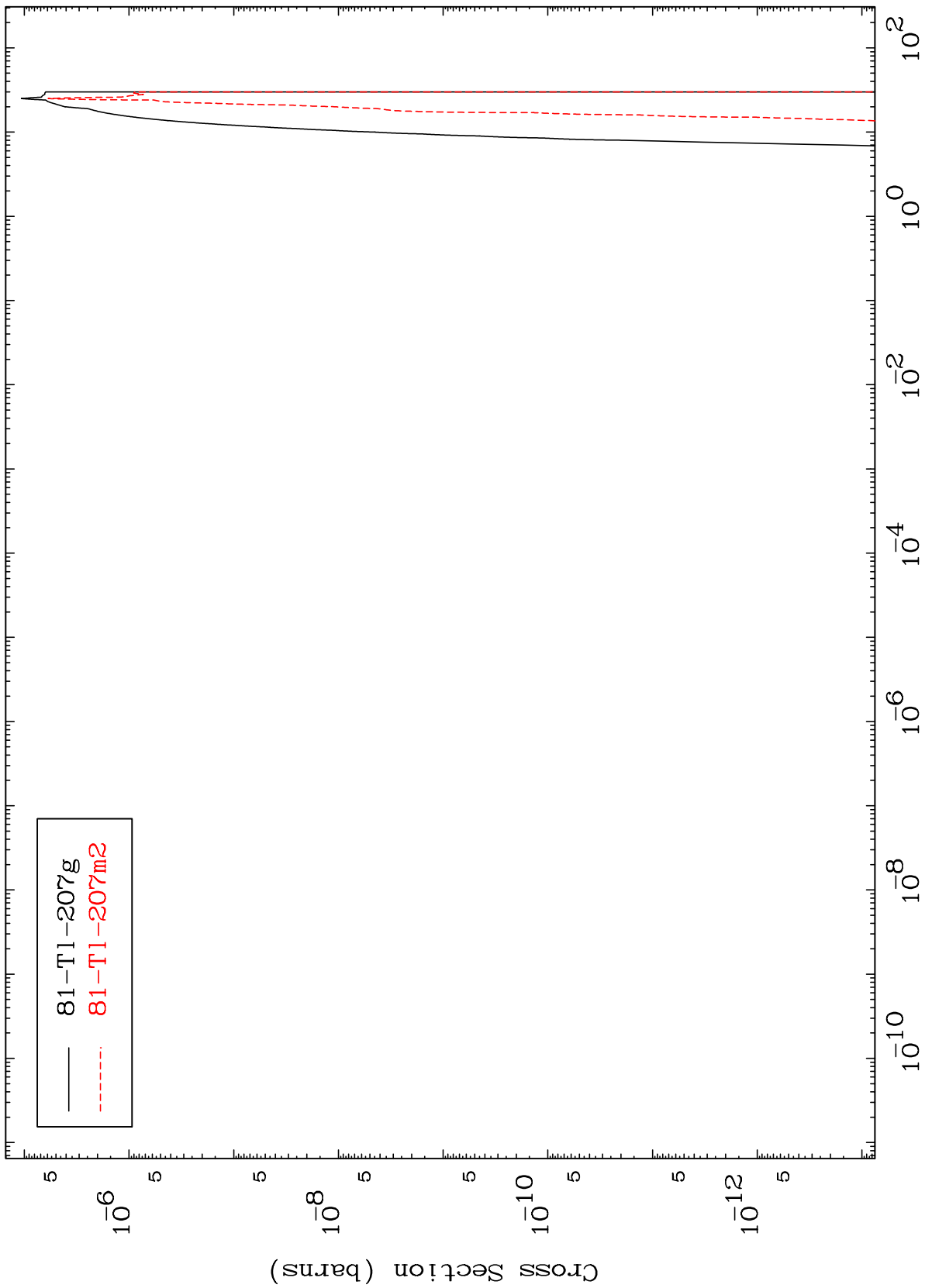
84-Po-212m

MAT 8444

(n,n') p  $\alpha$

84-Po-212m

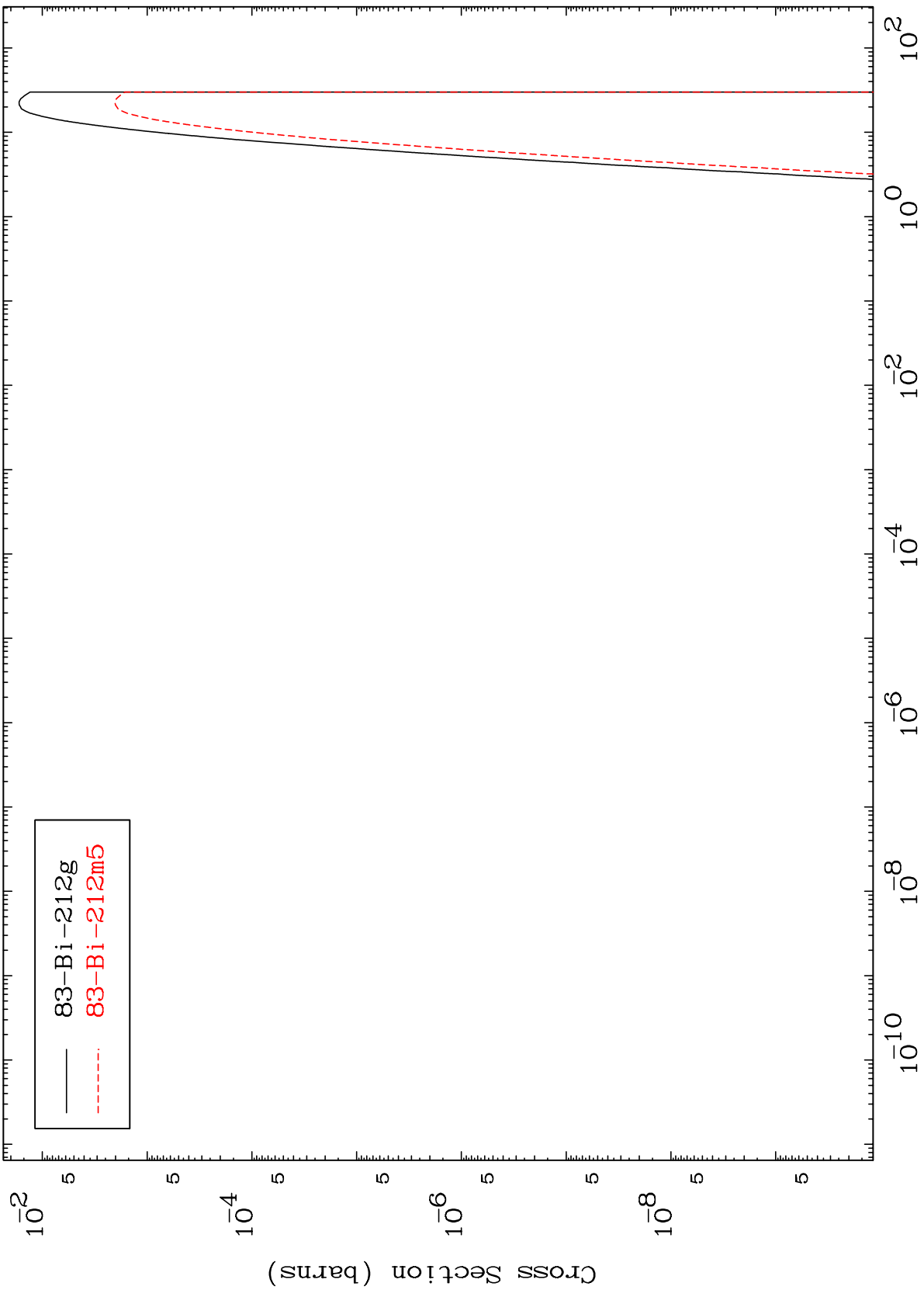
Radionuclide Production Cross Section



MAT 8444

84-Po-212m

(n,p)  
Radionuclide Production Cross Section



84-Po-212m

Incident Energy (MeV)

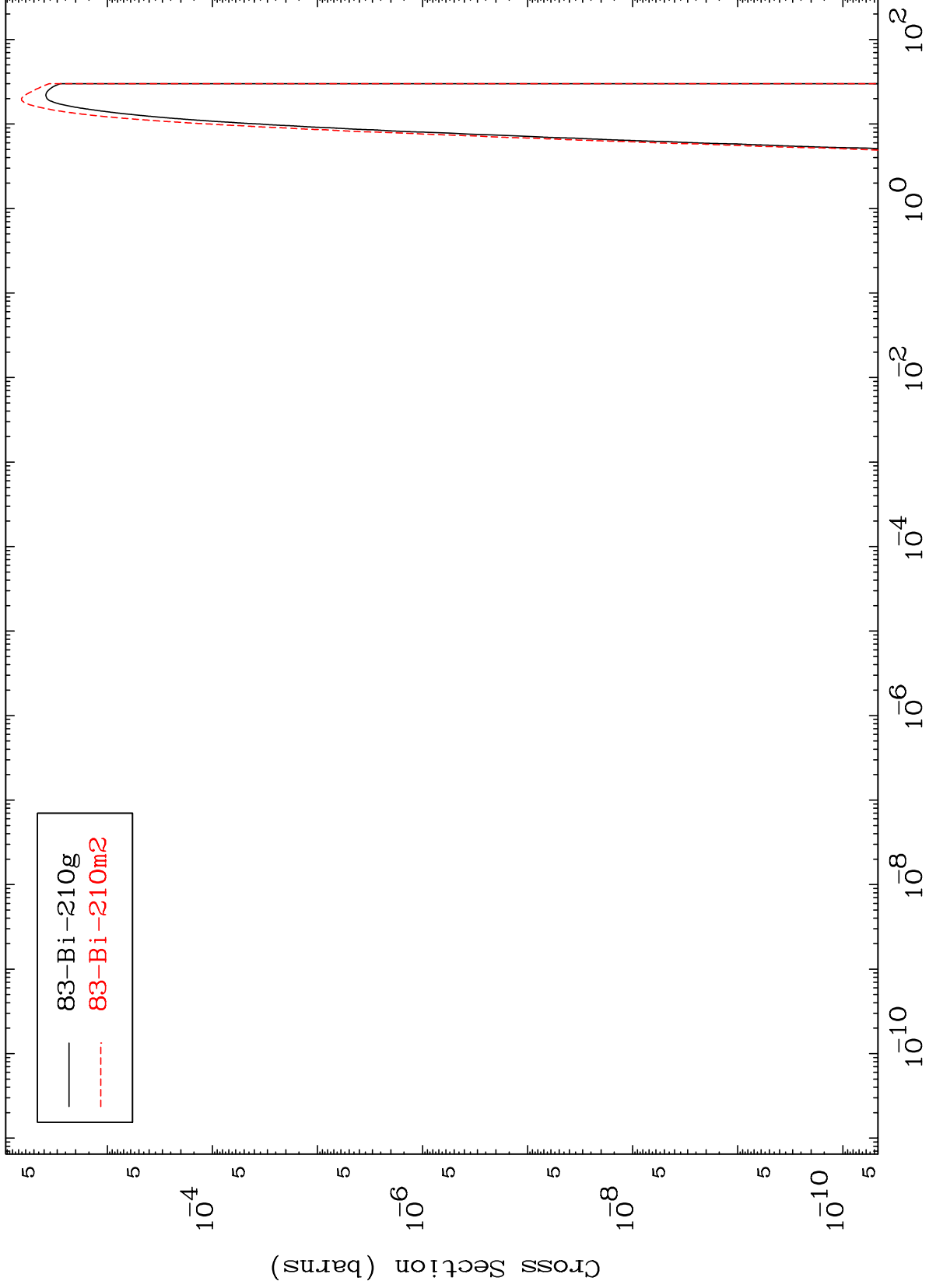


MAT 8444

(n, t)

84-Po-212m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

84-Po-212m

MAT 8444

(n,d)  $\alpha$

84-Po-212m

Radionuclide Production Cross Section

