

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

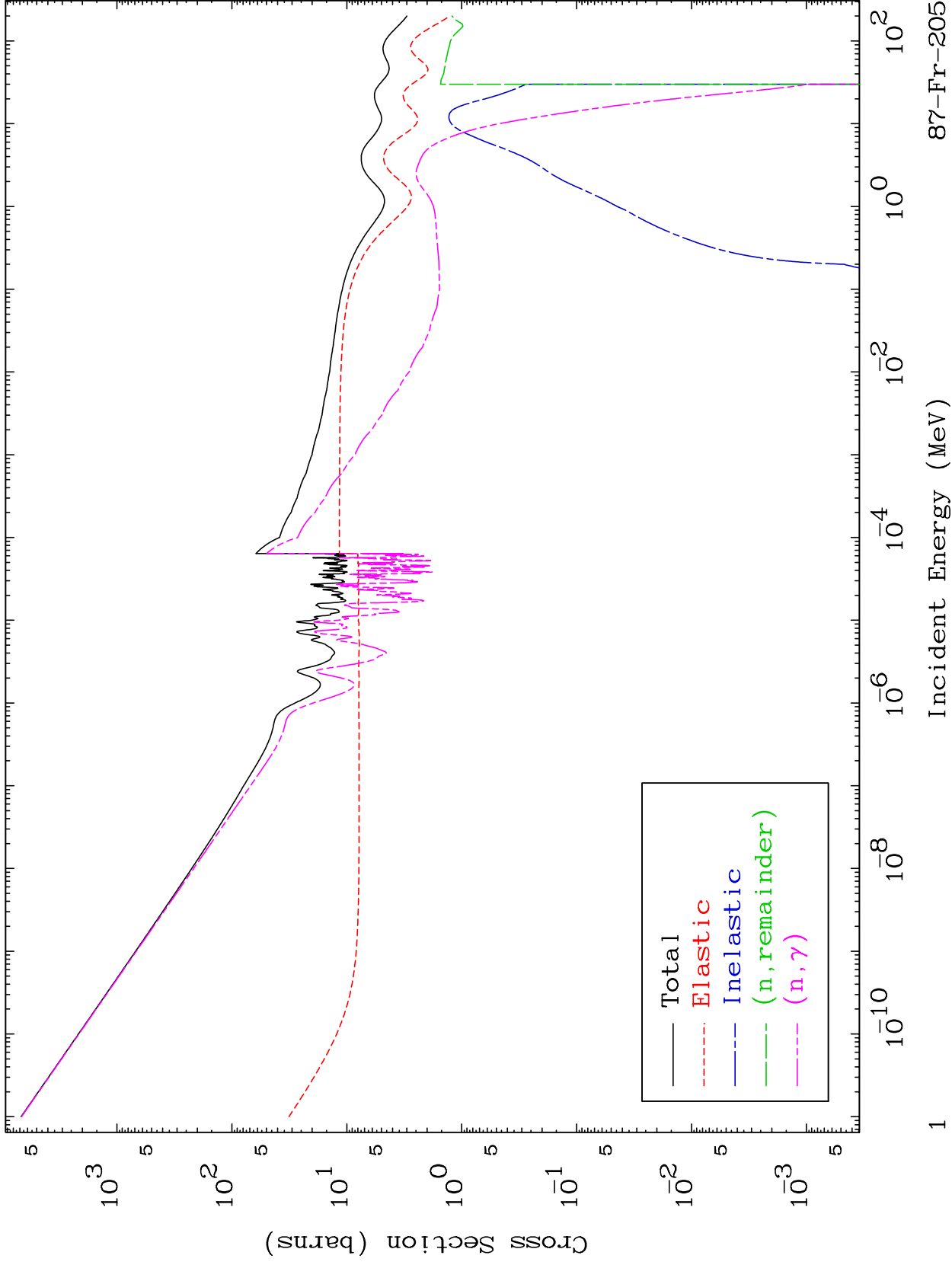
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8704

Major
293 Kelvin Cross Sections

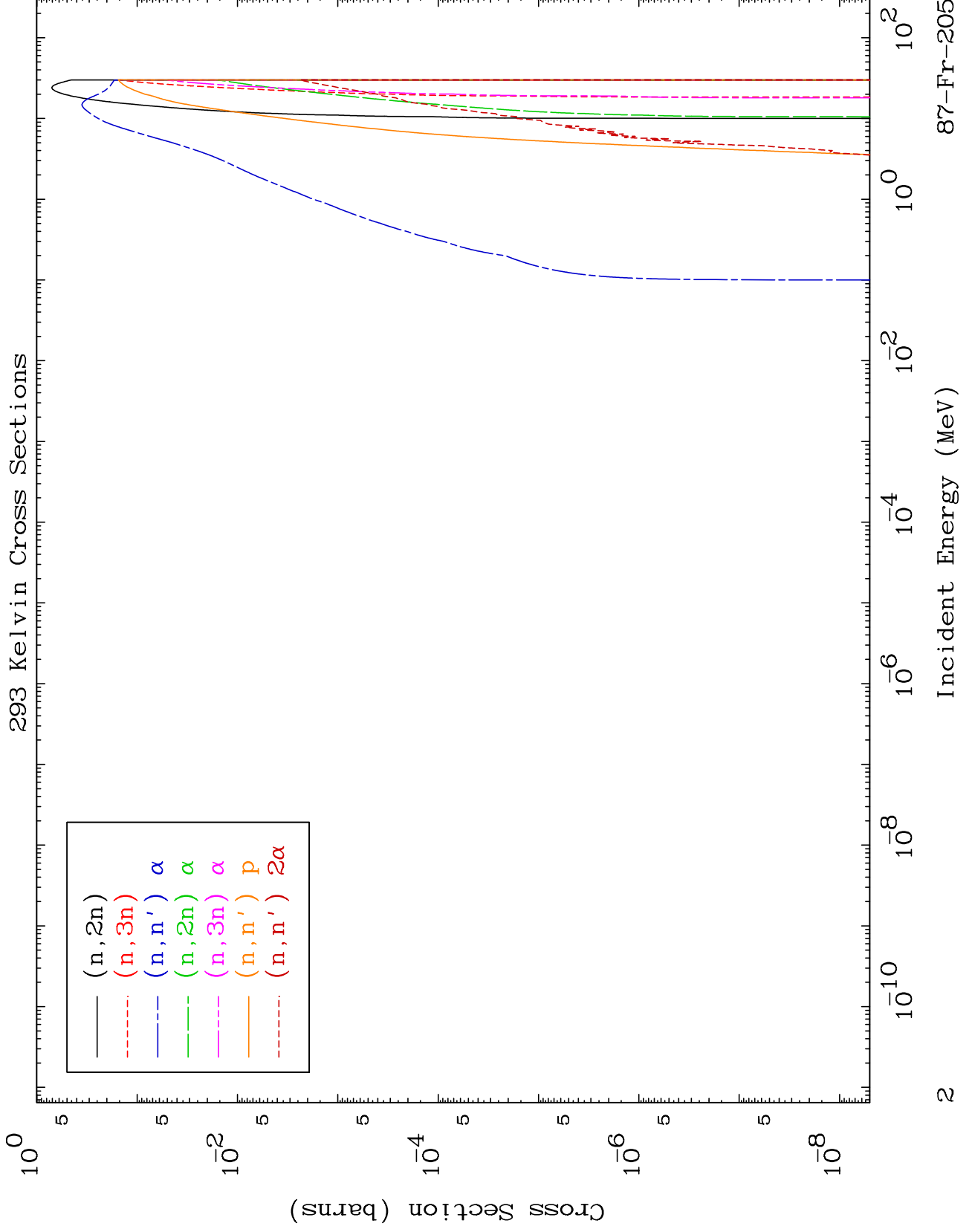
87-Fr-205



MAT 8704

Neutron Production
293 Kelvin Cross Sections

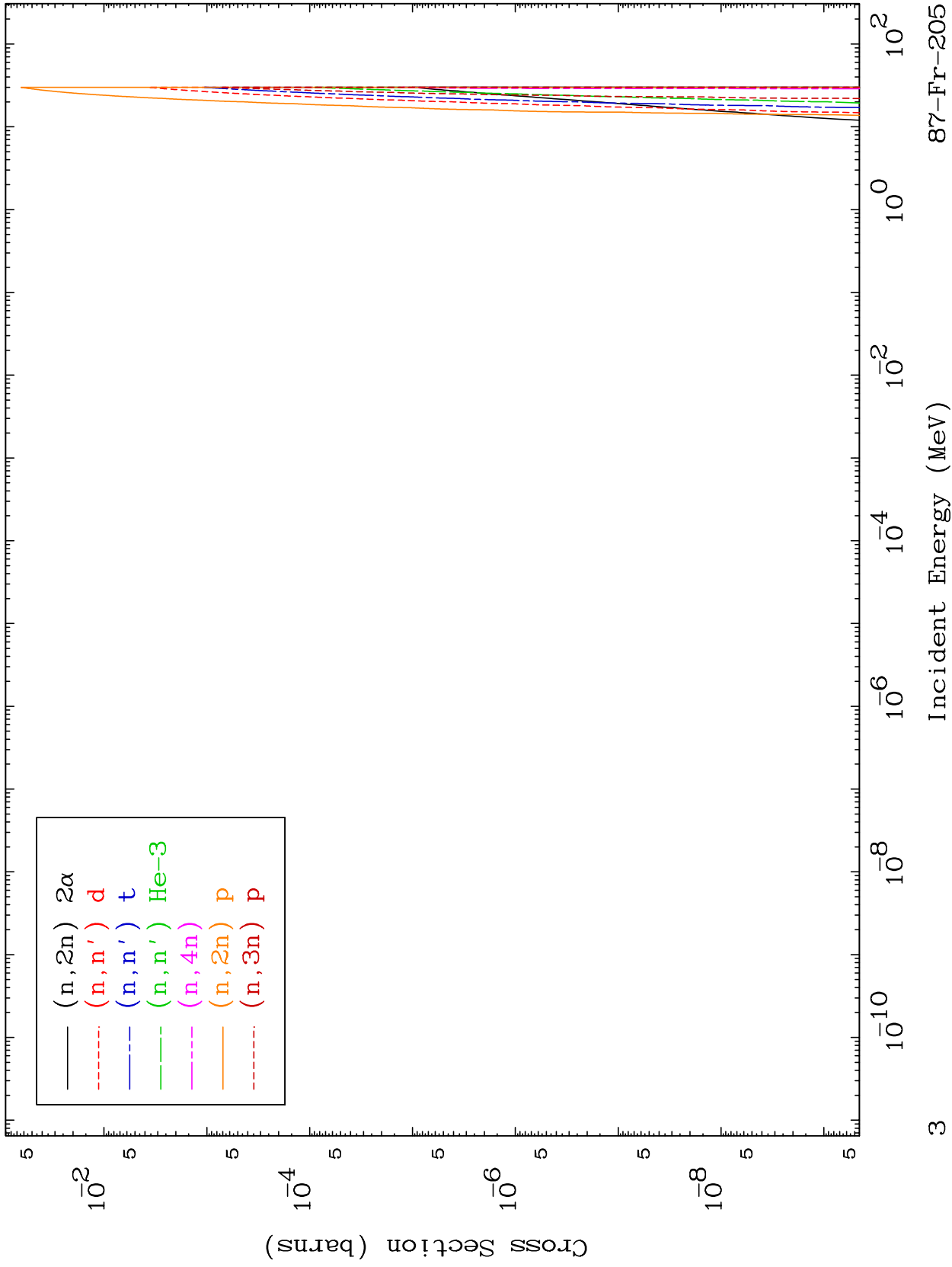
87-Fr-205



MAT 8704

Neutron Production
293 Kelvin Cross Sections

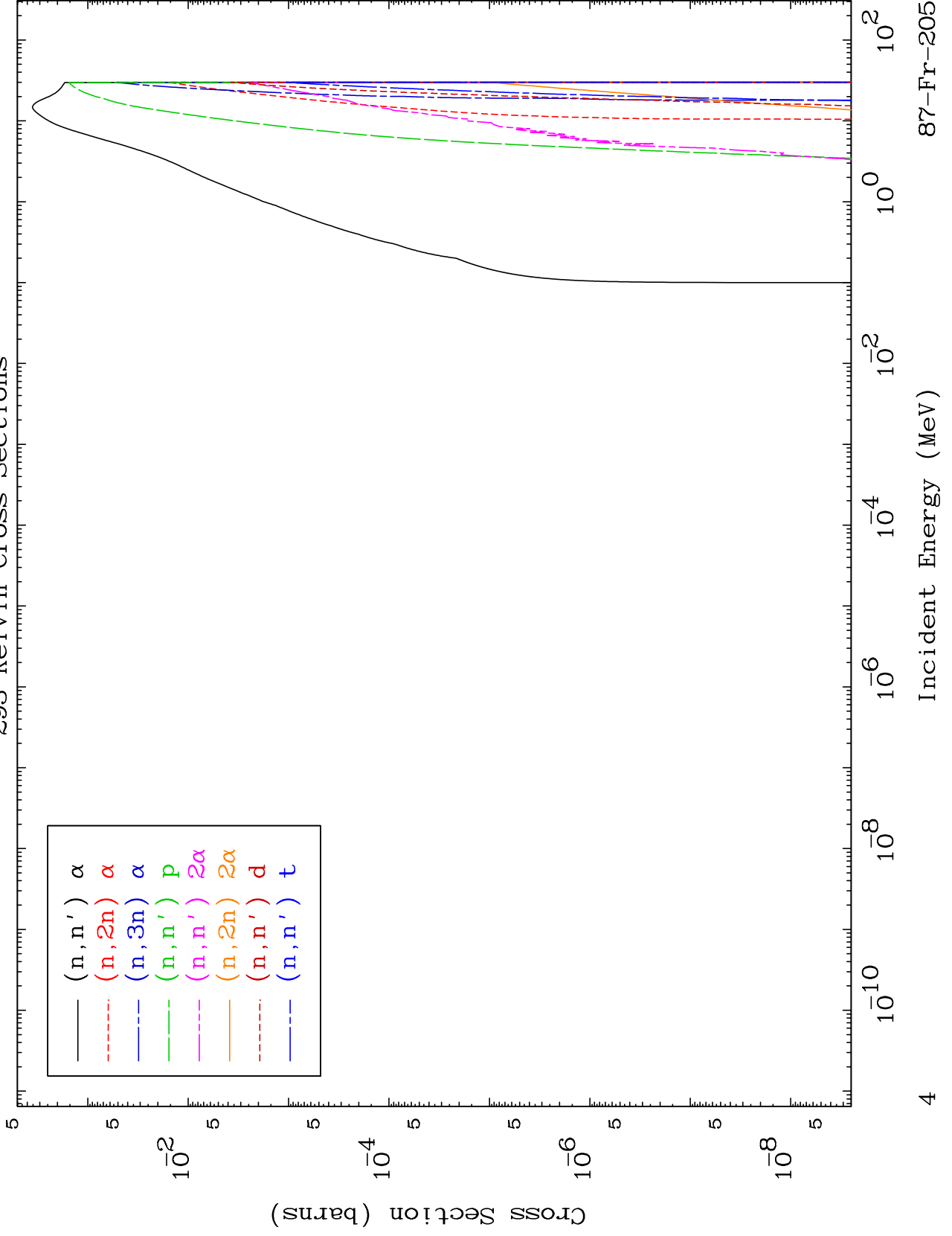
87-Fr-205



MAT 8704

Charged Particle
293 Kelvin Cross Sections

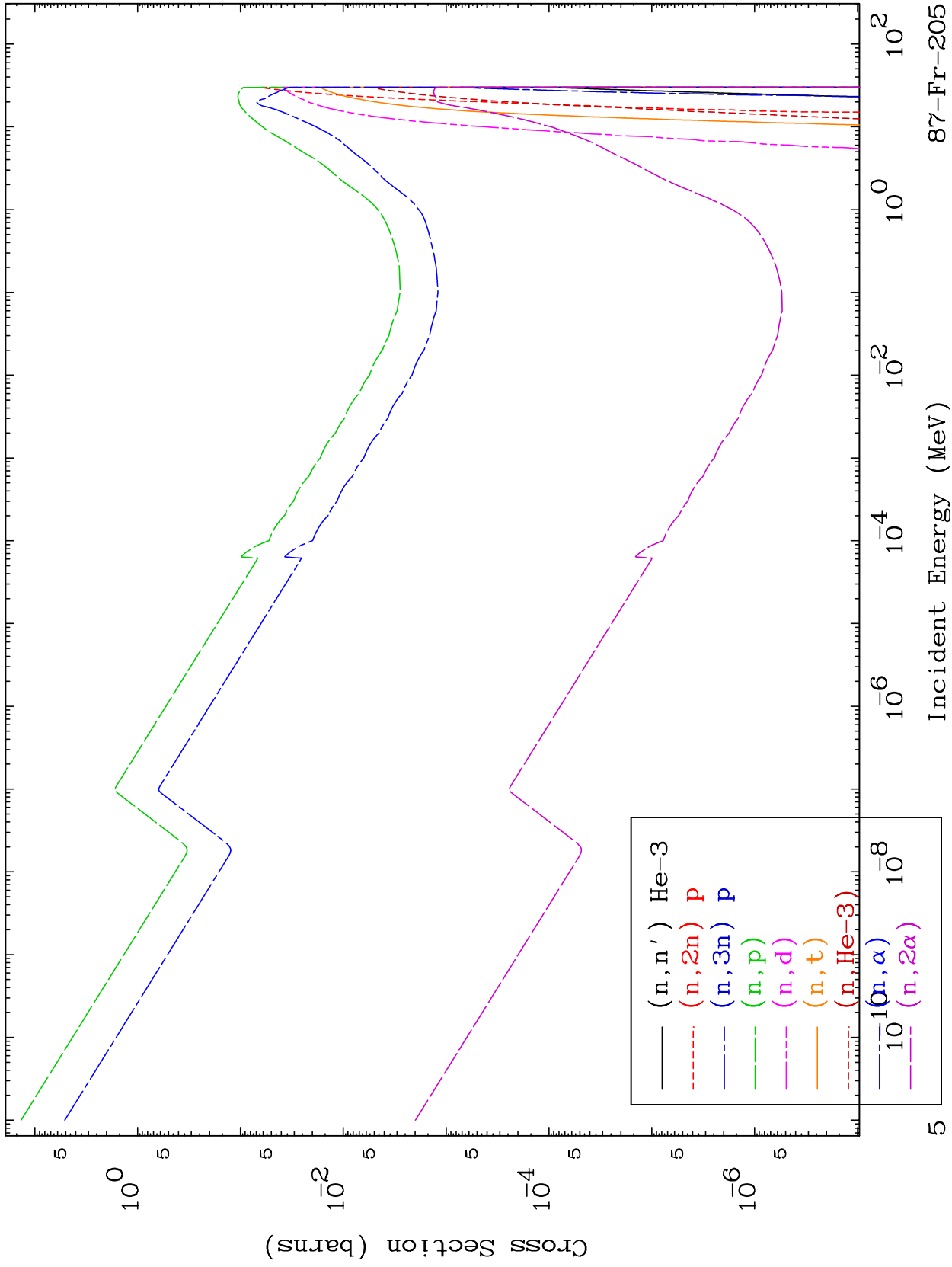
87-Fr-205



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Charged Particle
293 Kelvin Cross Sections

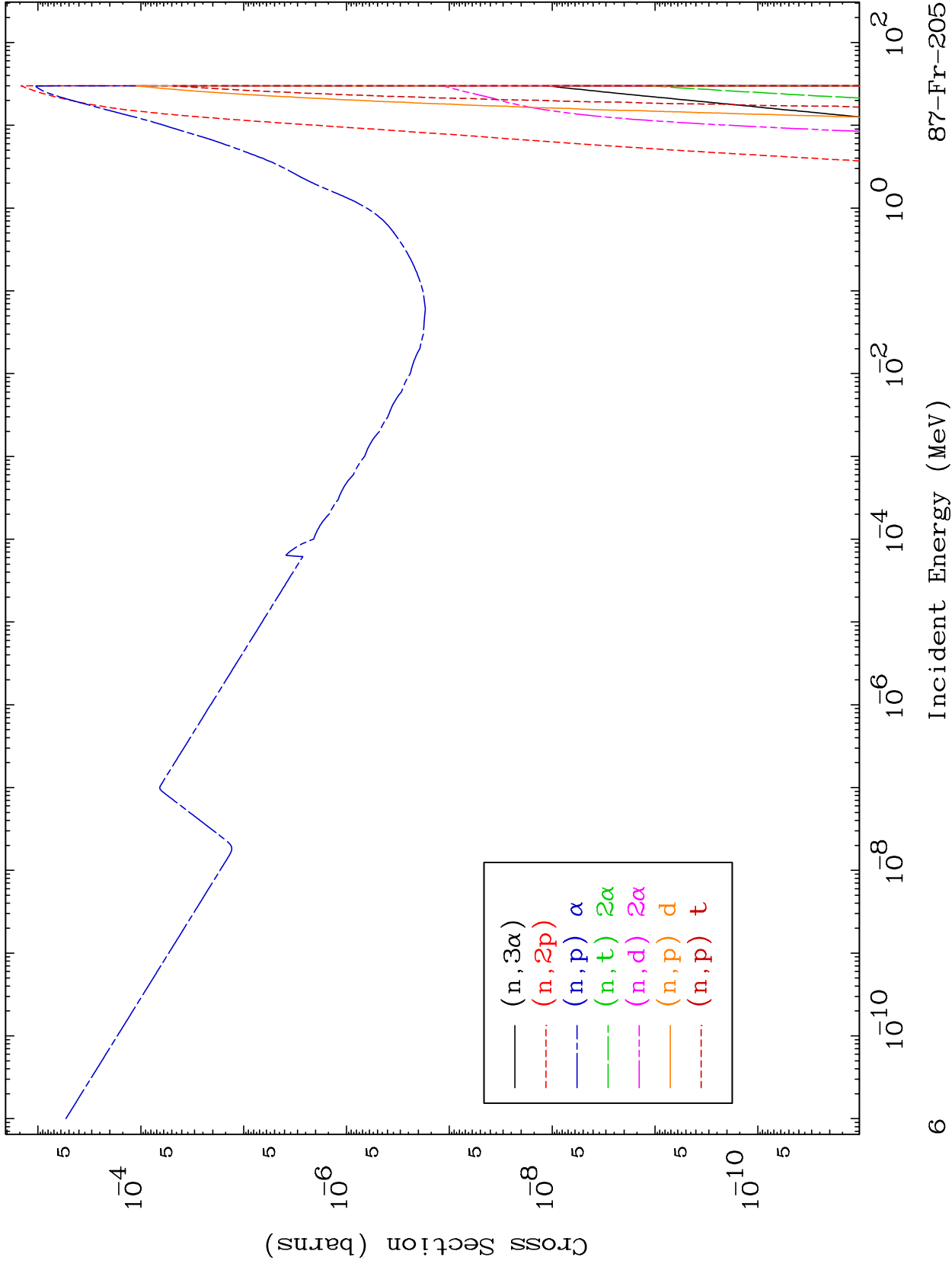
87-Fr-205



MAT 8704

Charged Particle
293 Kelvin Cross Sections

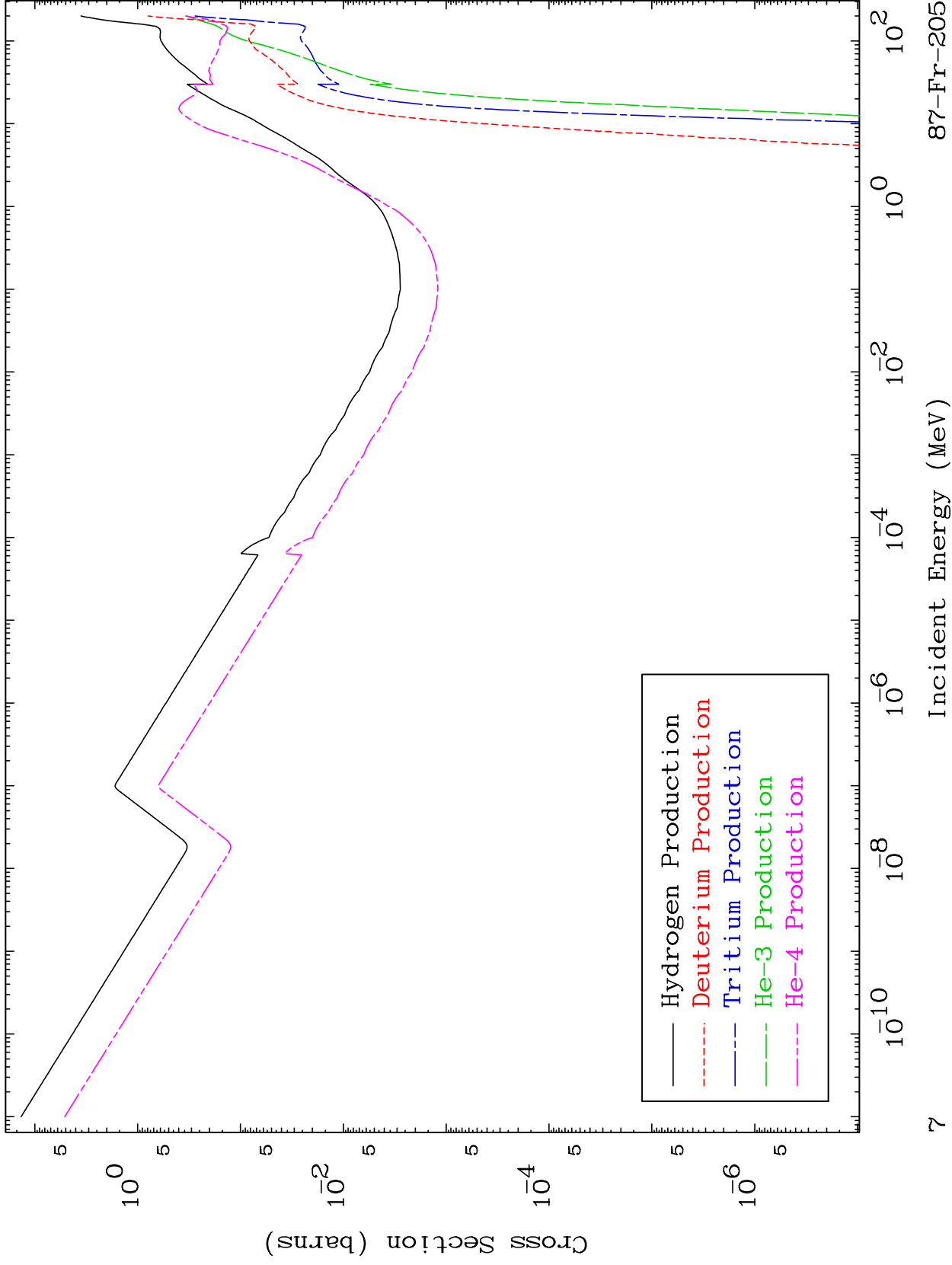
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Particle Production
293 Kelvin Cross Sections

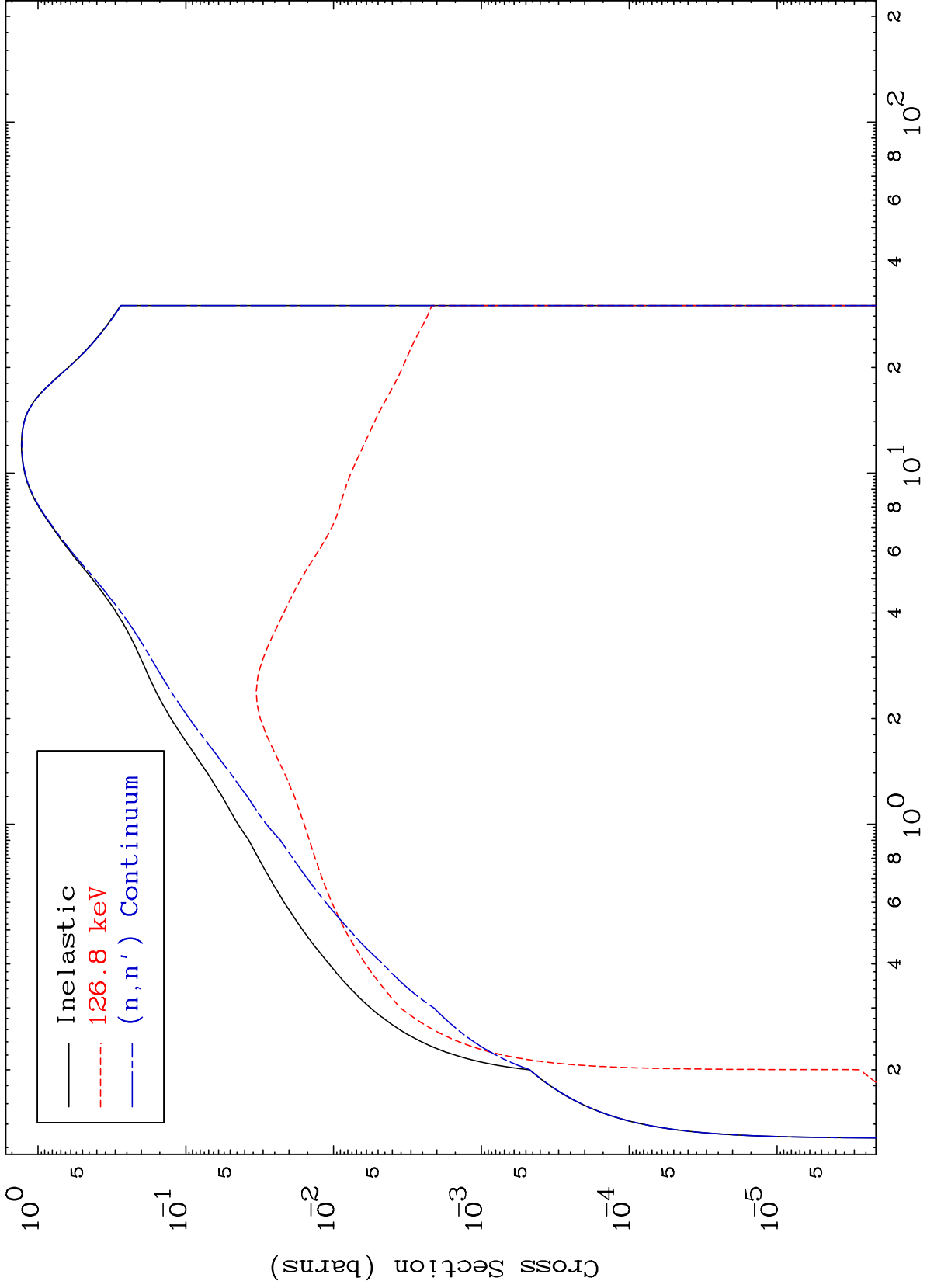
87-Fr-205



MAT 8704

(n,n') Level
293 Kelvin Cross Sections

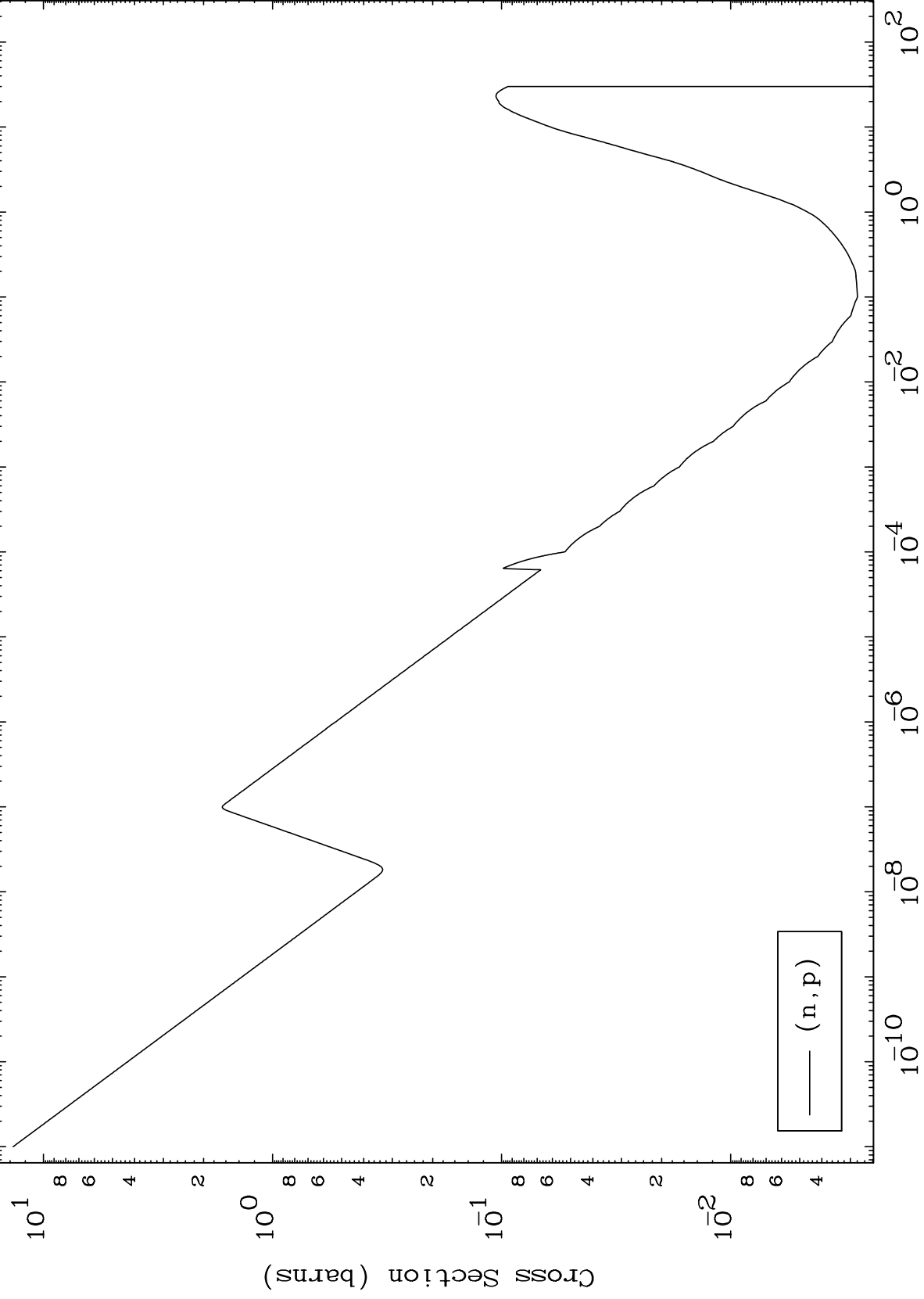
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(n,p) Levels
293 Kelvin Cross Sections

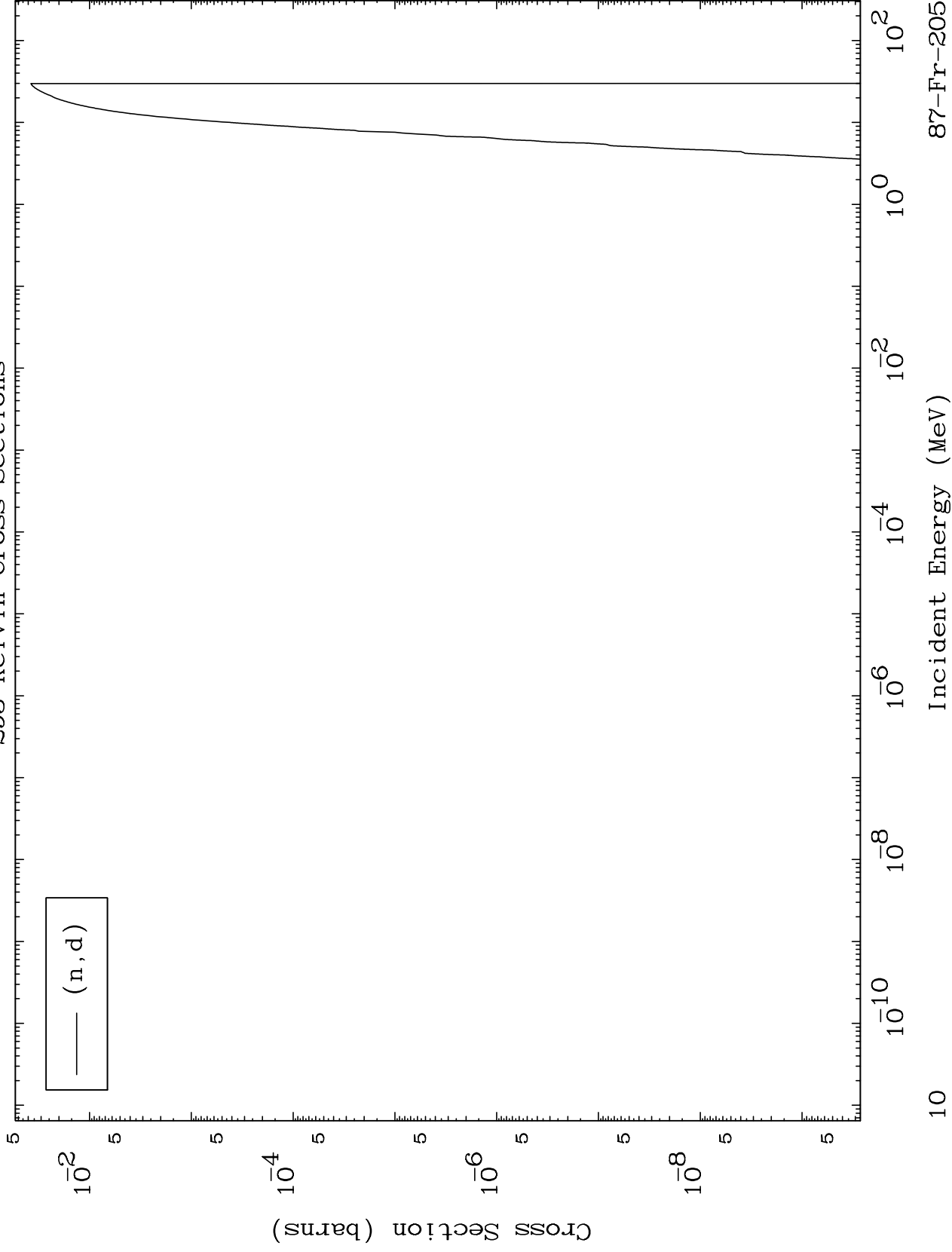
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(n,d) Levels
293 Kelvin Cross Sections

87-Fr-205

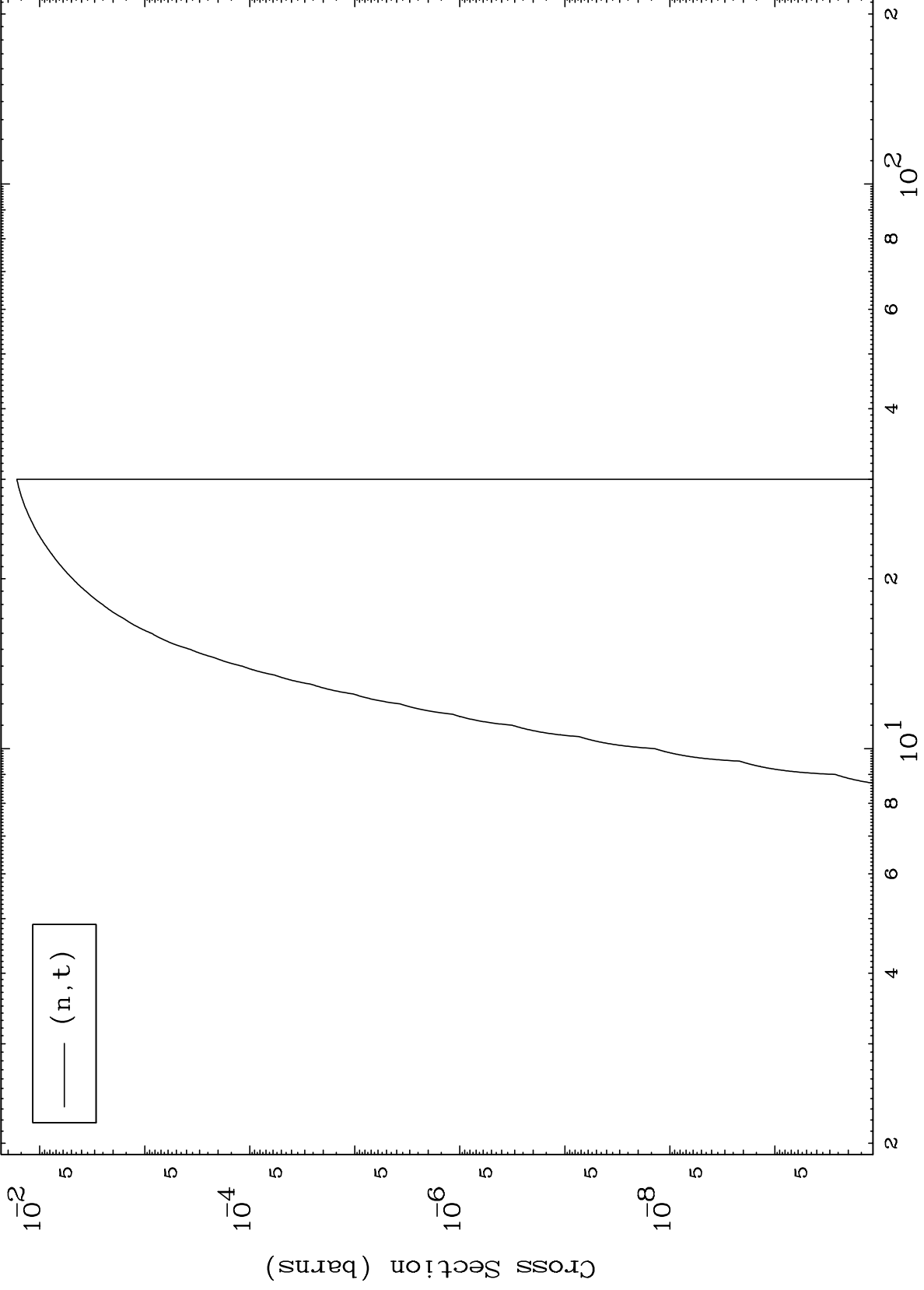


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(n,t) Levels
293 Kelvin Cross Sections

87-Fr-205

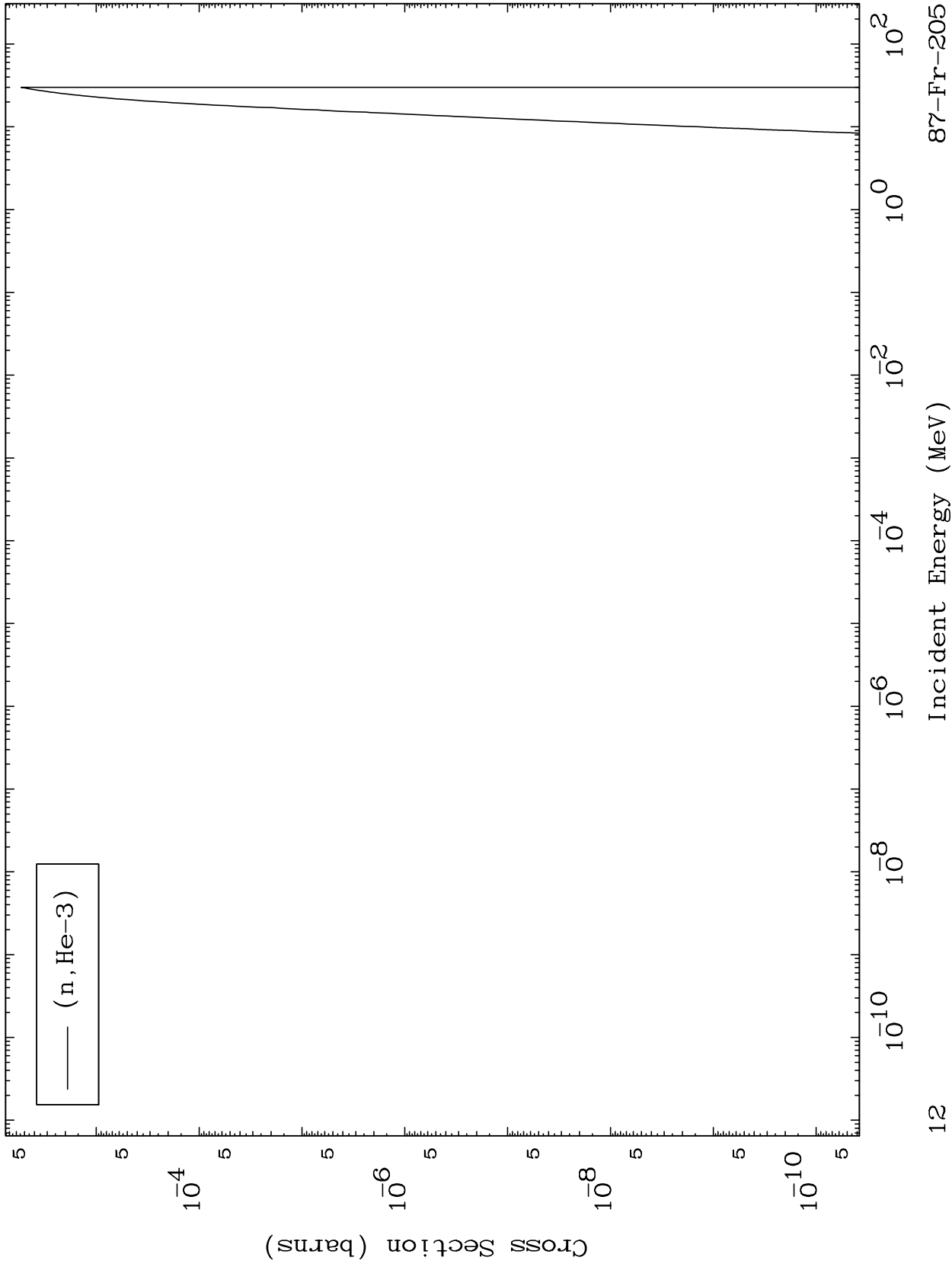


(n,t)

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(n,He3) Levels
293 Kelvin Cross Sections

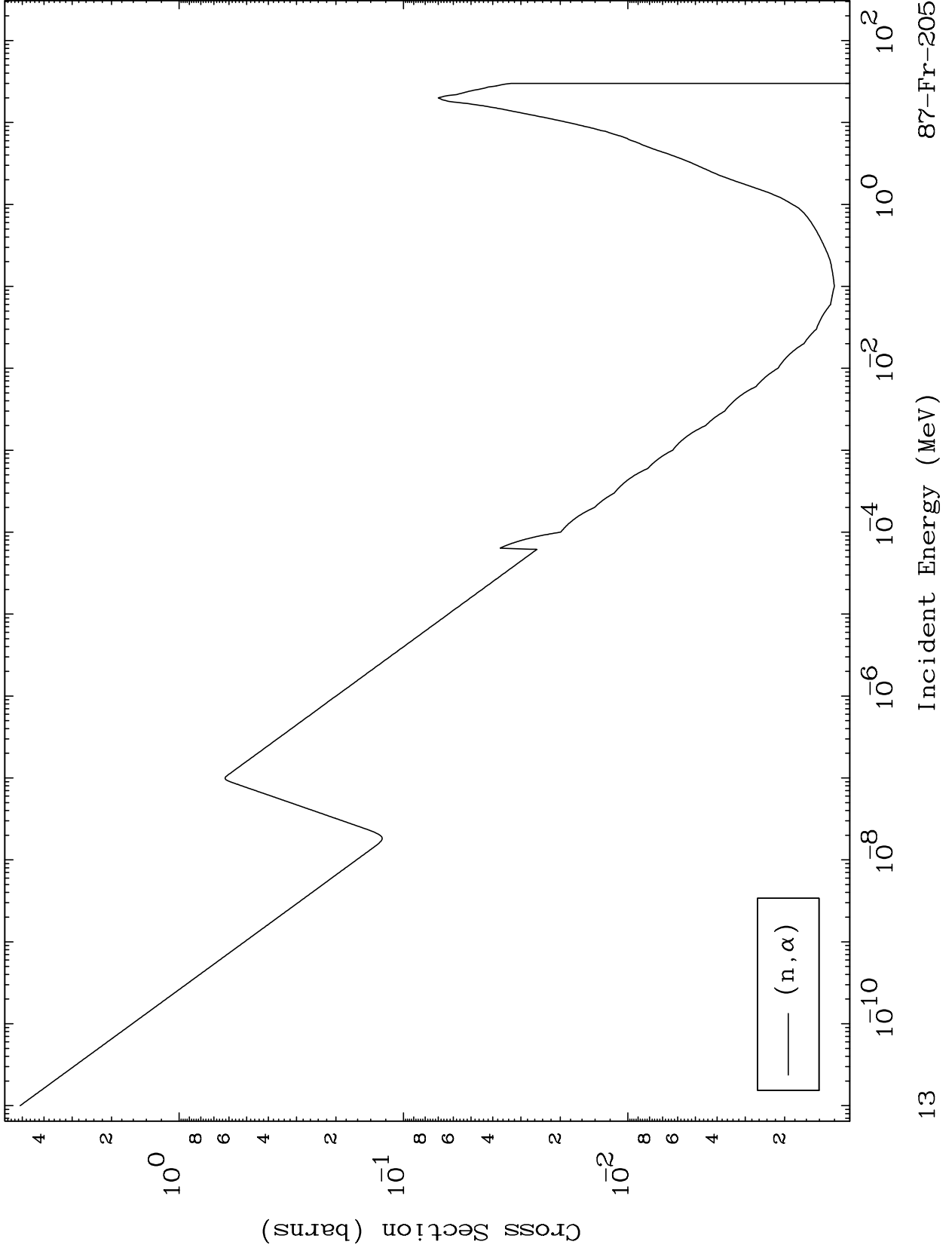
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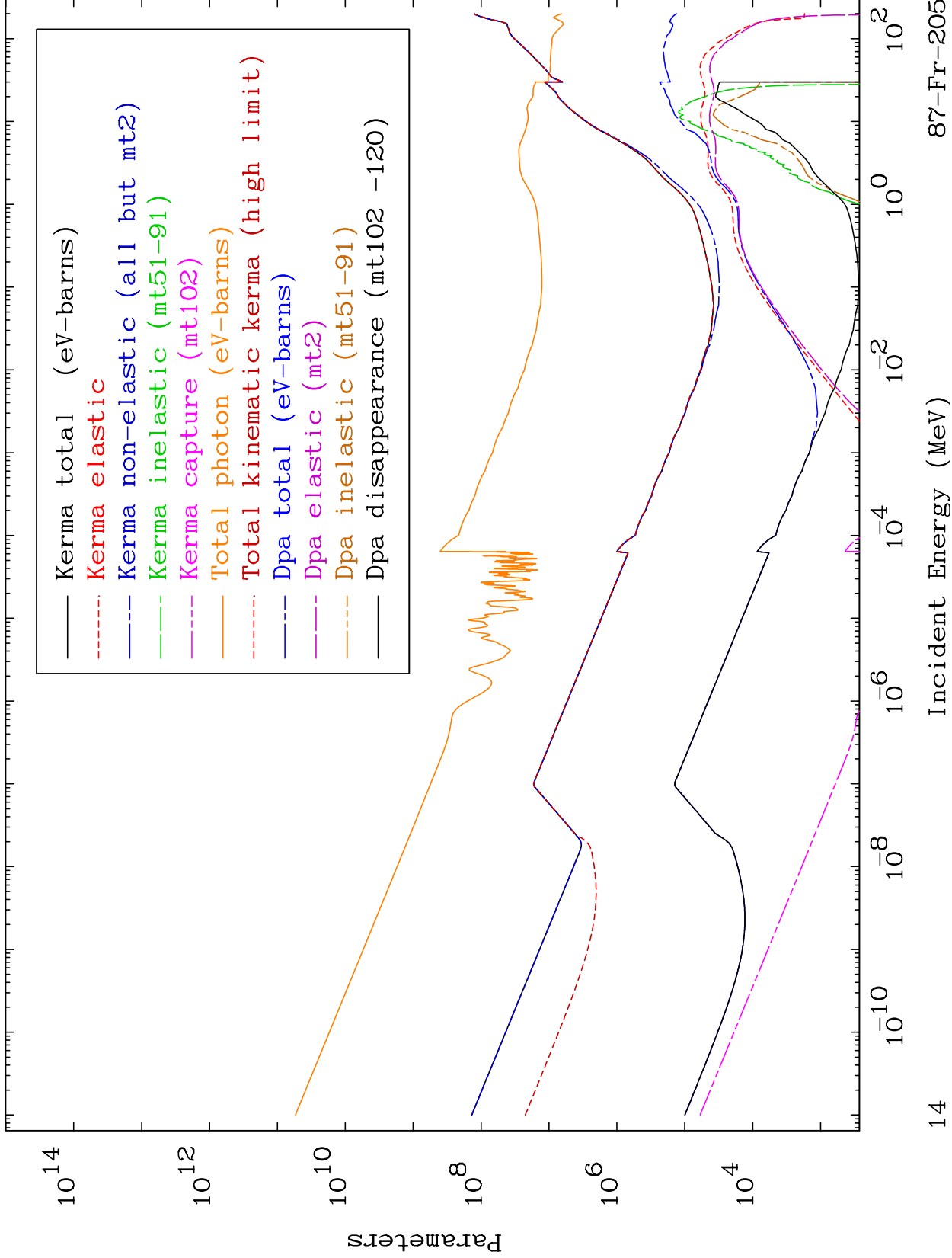


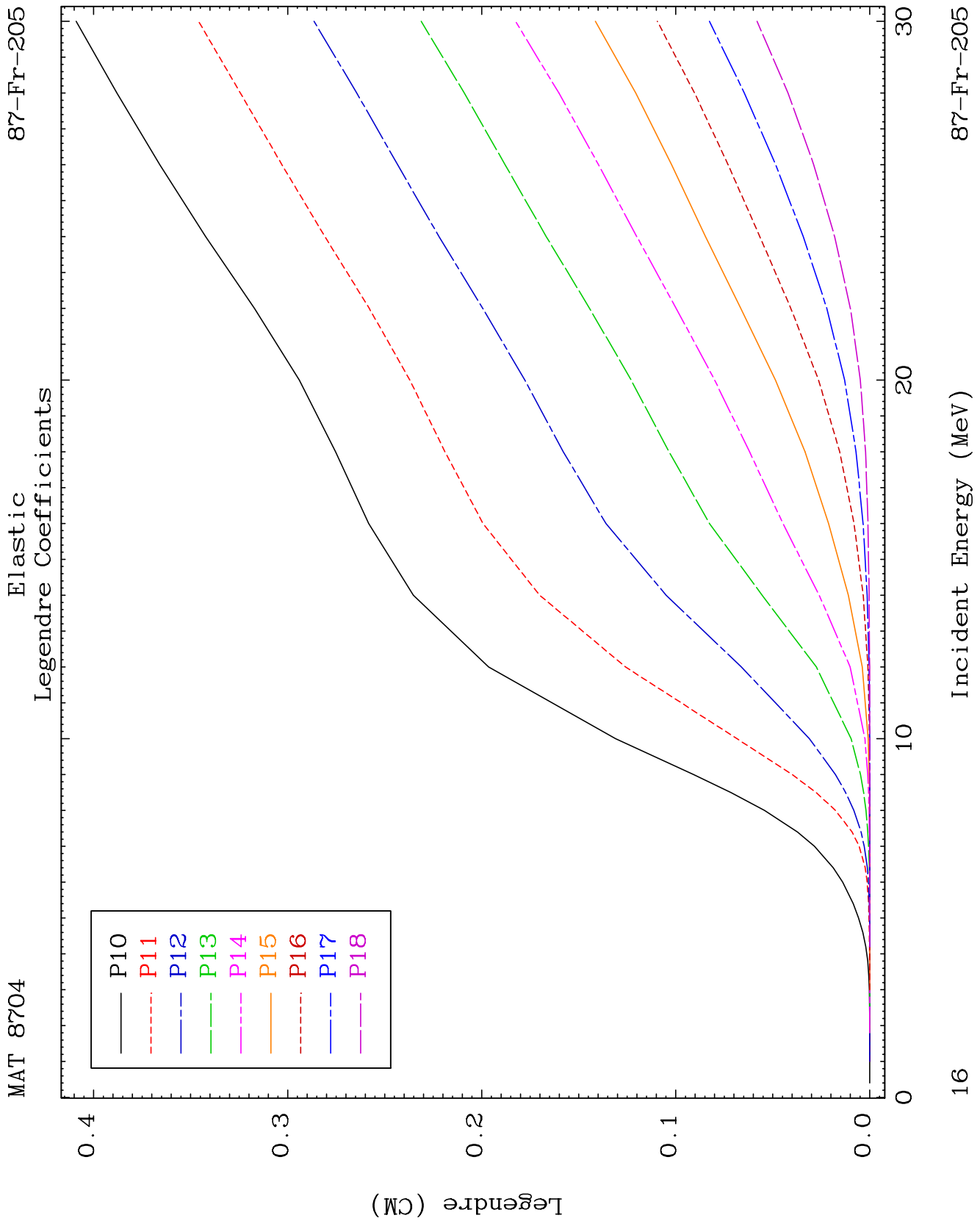
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(n, α) Levels
293 Kelvin Cross Sections

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Elastic Legendre Coefficients

87-Fr-205

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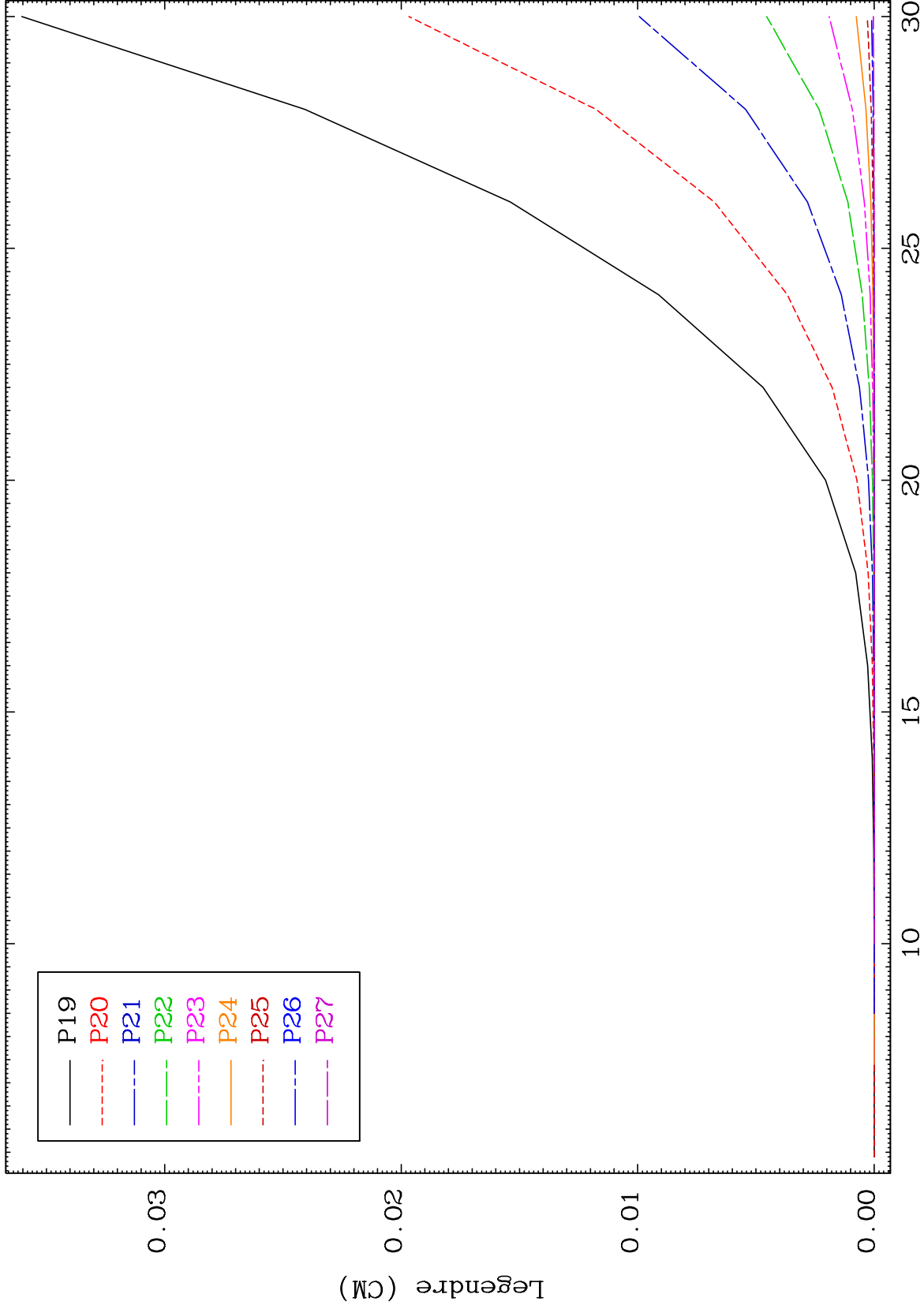
Incident Energy (MeV)

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Elastic
Legendre Coefficients

87-Fr-205



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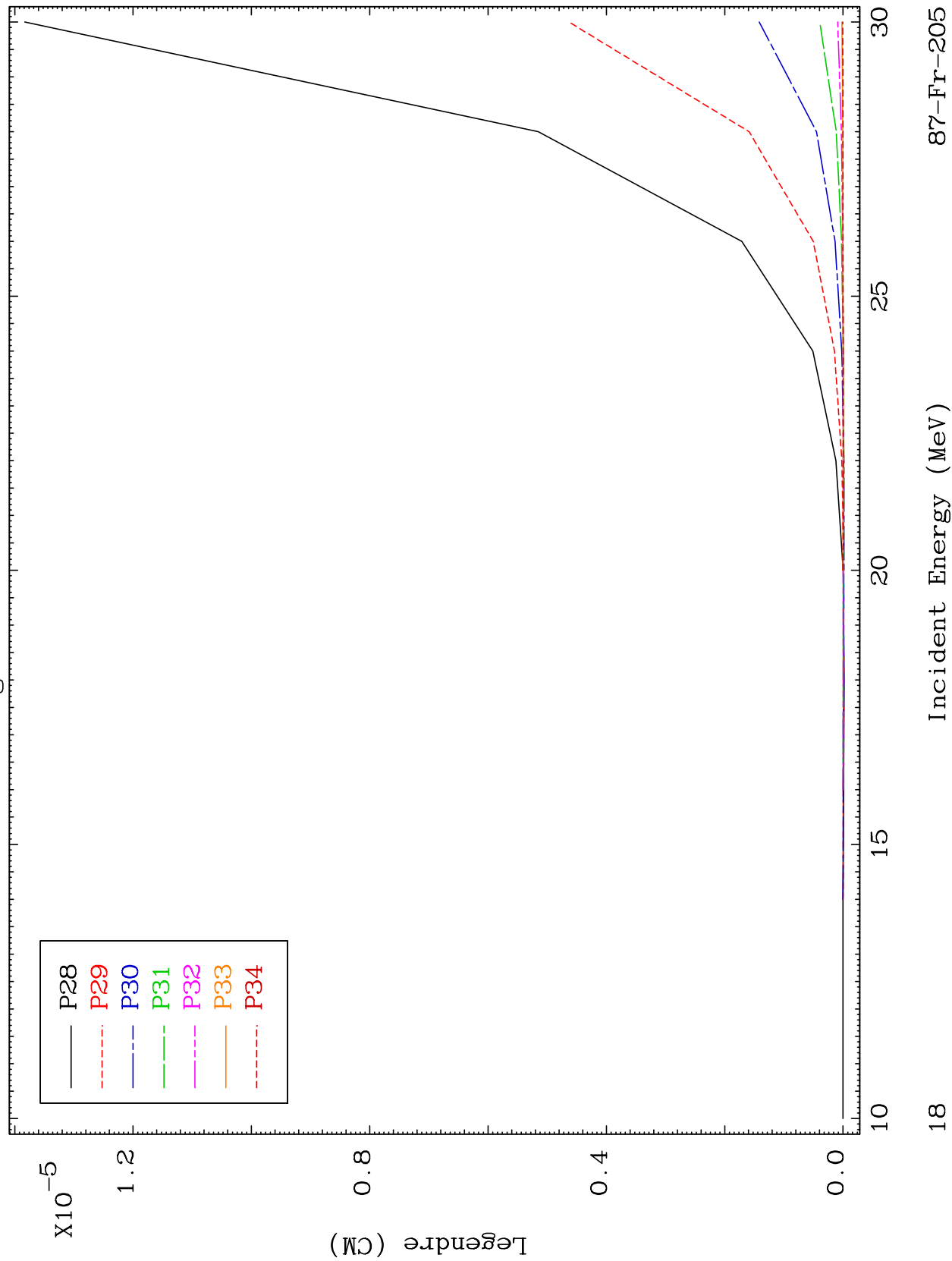
Incident Energy (MeV)

87-Fr-205

MAT 8704

Elastic
Legendre Coefficients

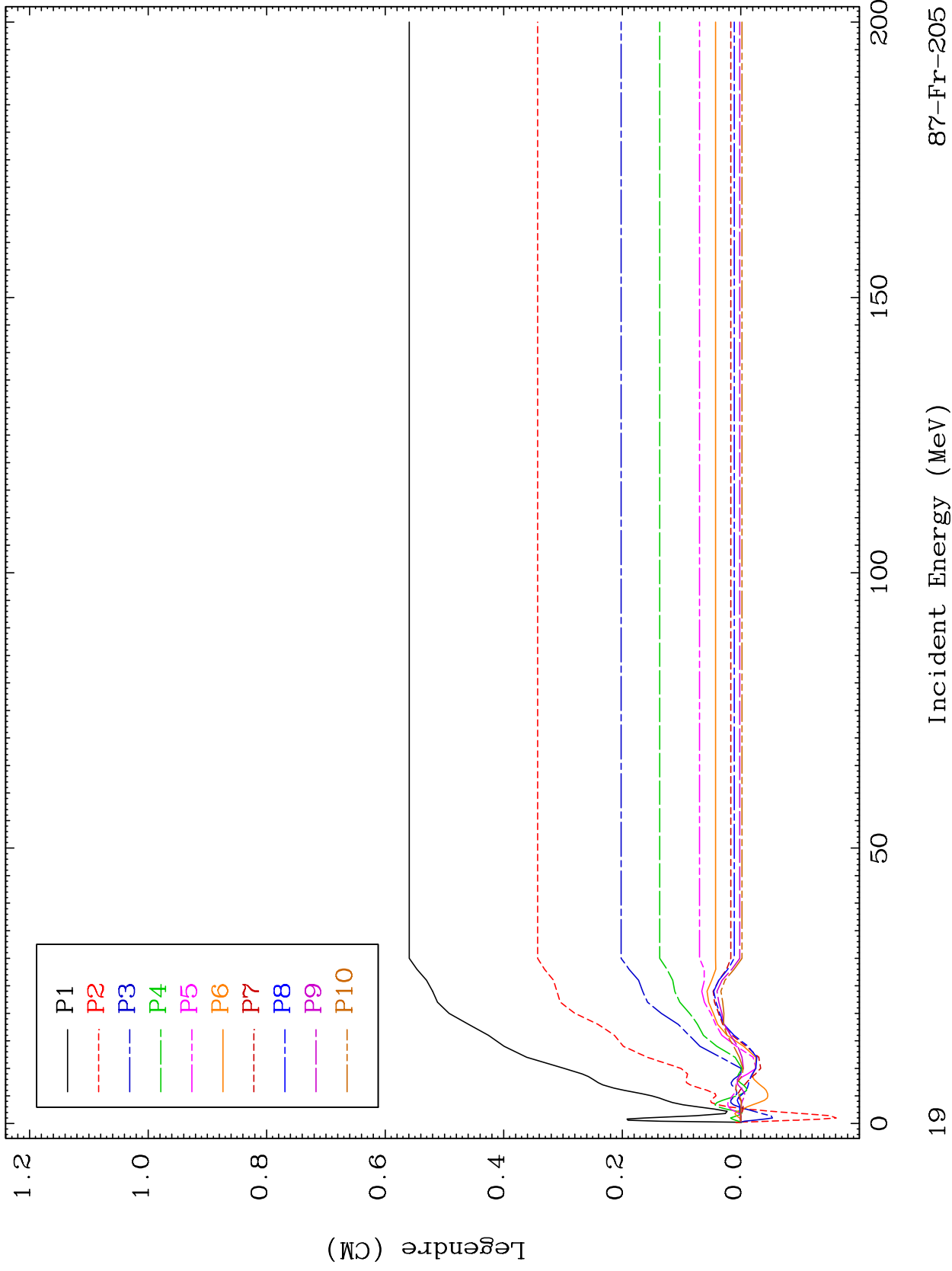
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126.8 keV (n, n') Level
Legendre Coefficients

87-Fr-205



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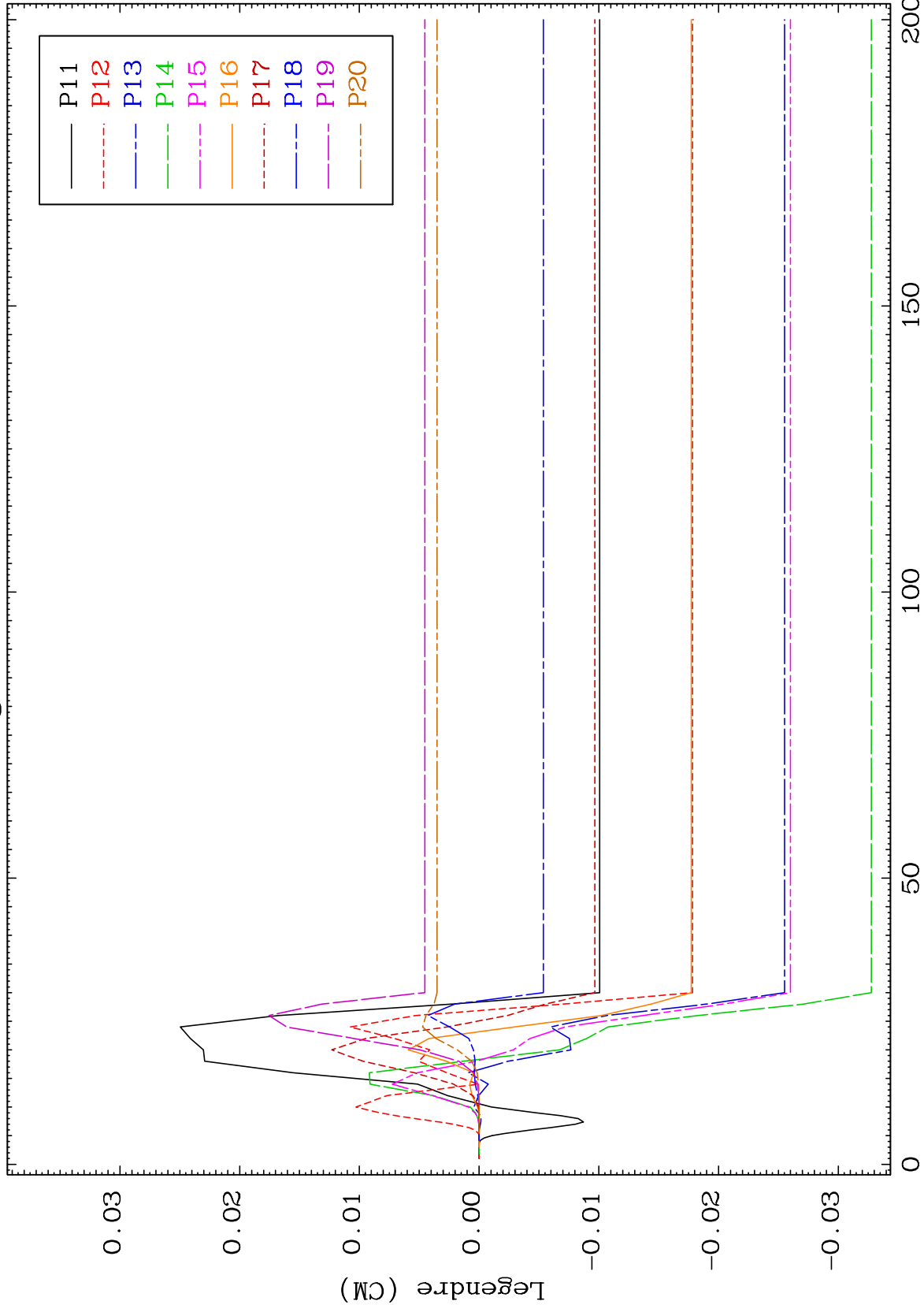
Incident Energy (MeV)

87-Fr-205

MAT 8704

126.8 keV (n,n') Level
Legendre Coefficients

87-Fr-205



87-Fr-205

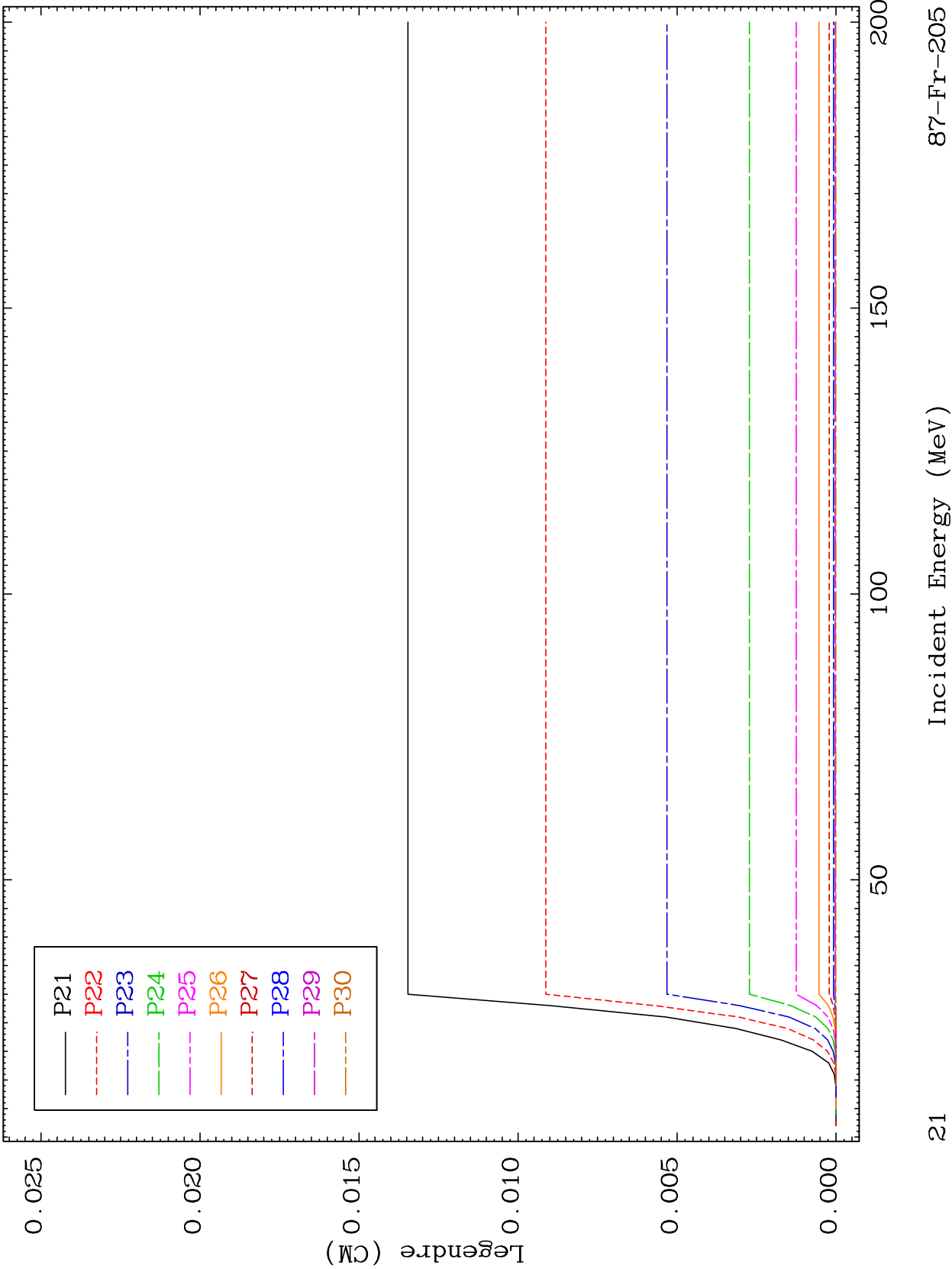
Incident Energy (MeV)

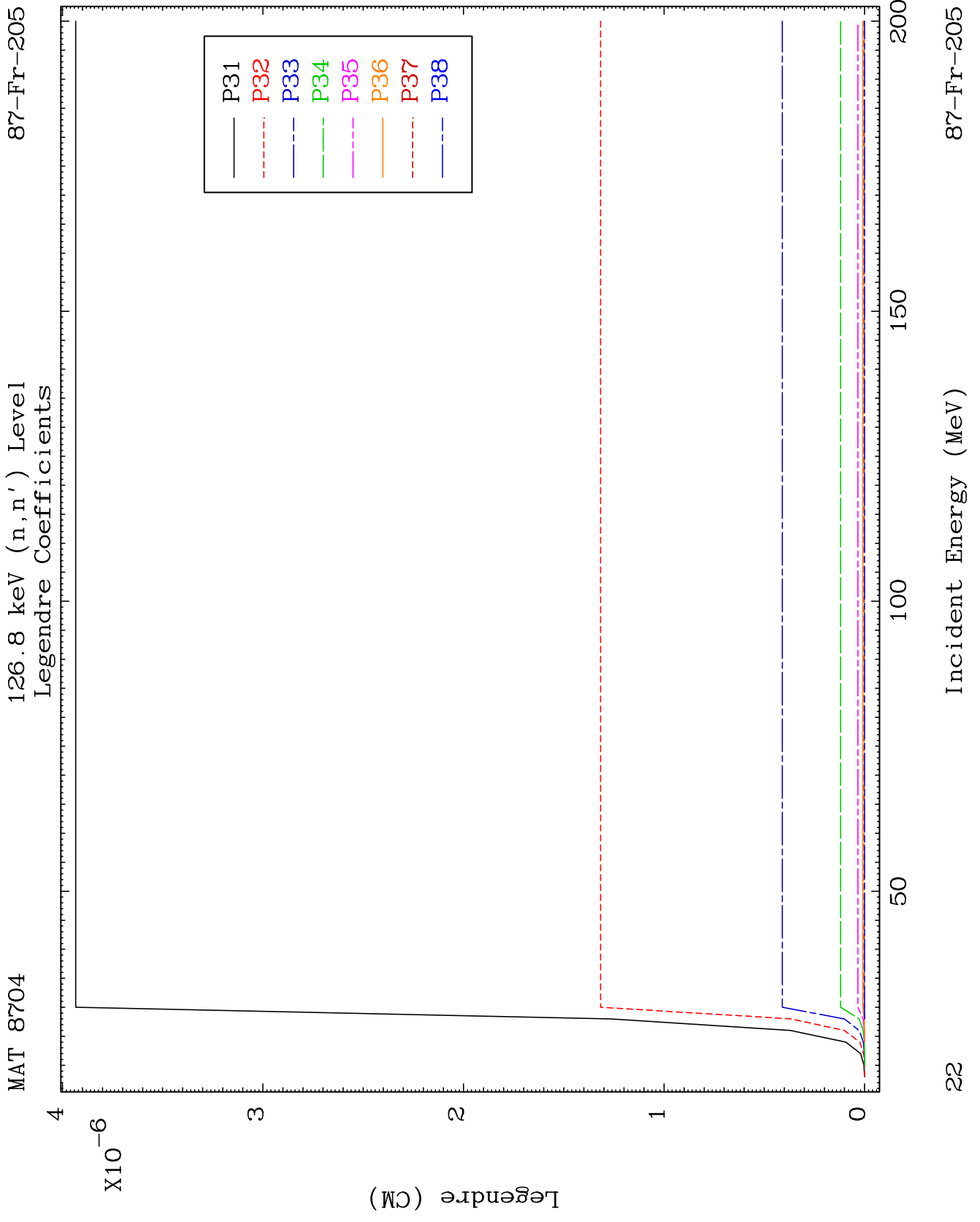
20

MAT 8704

126.8 keV (n,n') Level
Legendre Coefficients

87-Fr-205

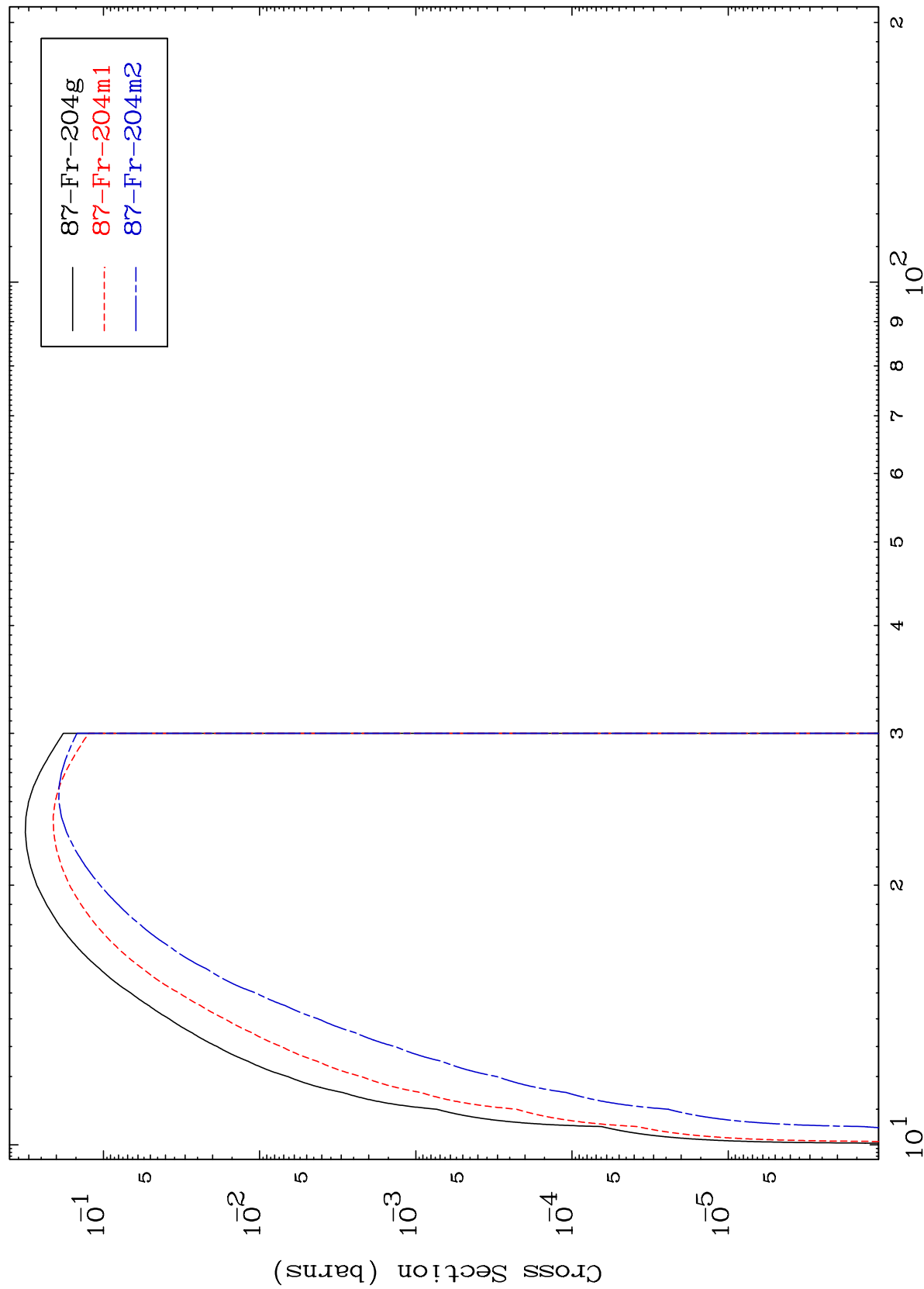




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87-Fr-205

(n,2n)
Radionuclide Production Cross Section



87-Fr-204g
87-Fr-204m1
87-Fr-204m2

87-Fr-205

Incident Energy (MeV)

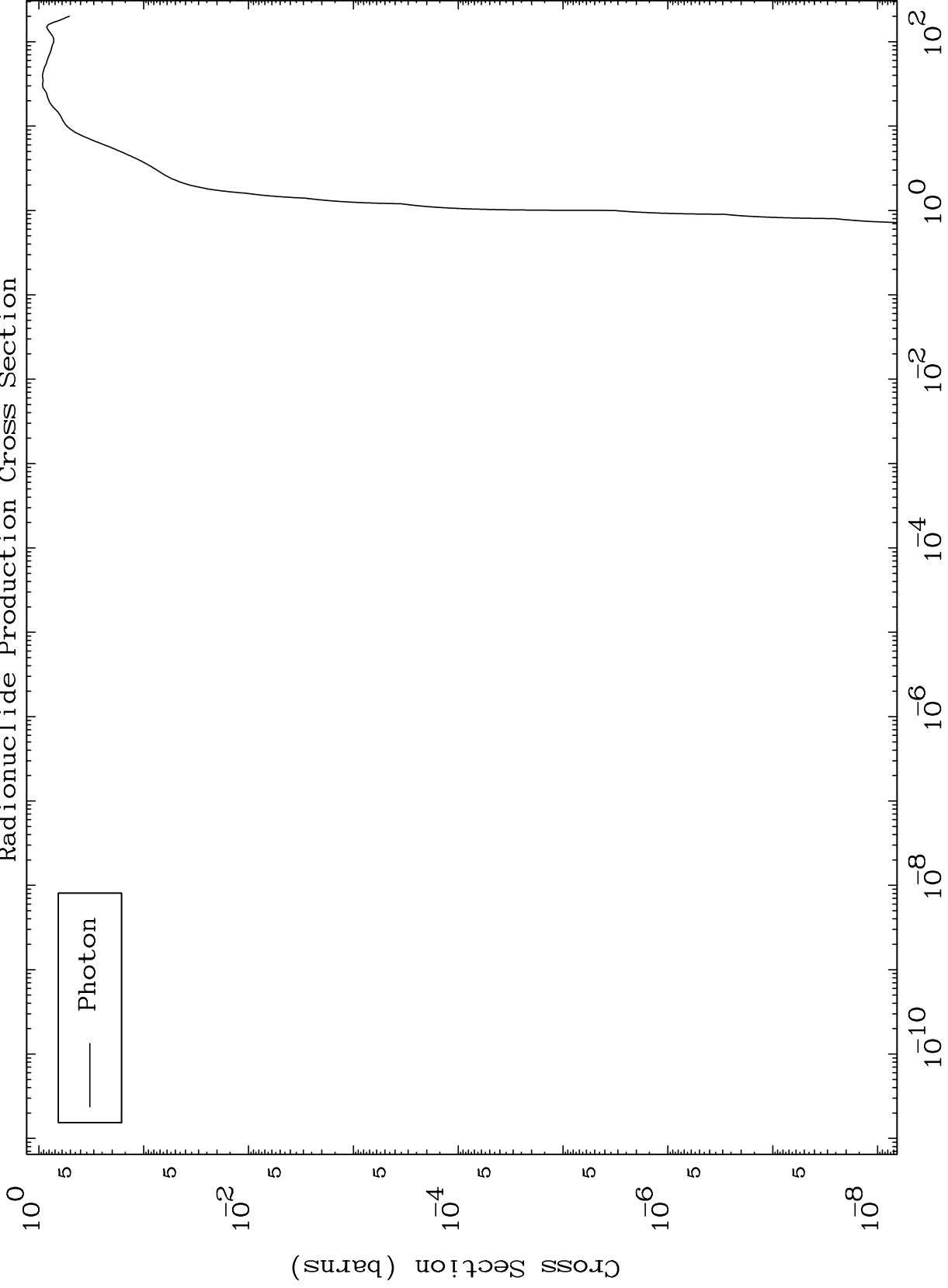
23

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Fission

87-Fr-205

Radionuclide Production Cross Section



24

Incident Energy (MeV)

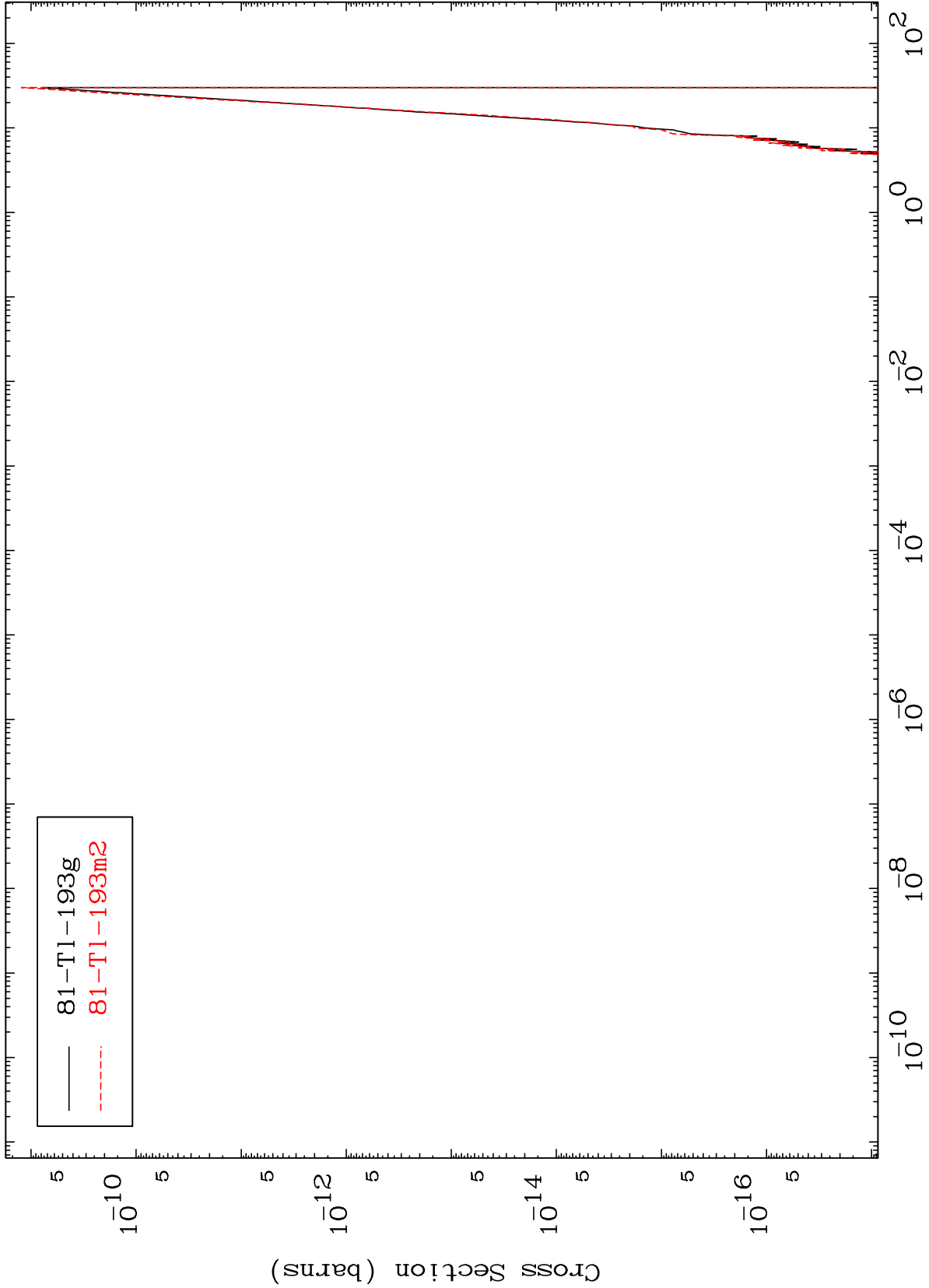
87-Fr-205

MAT 8704

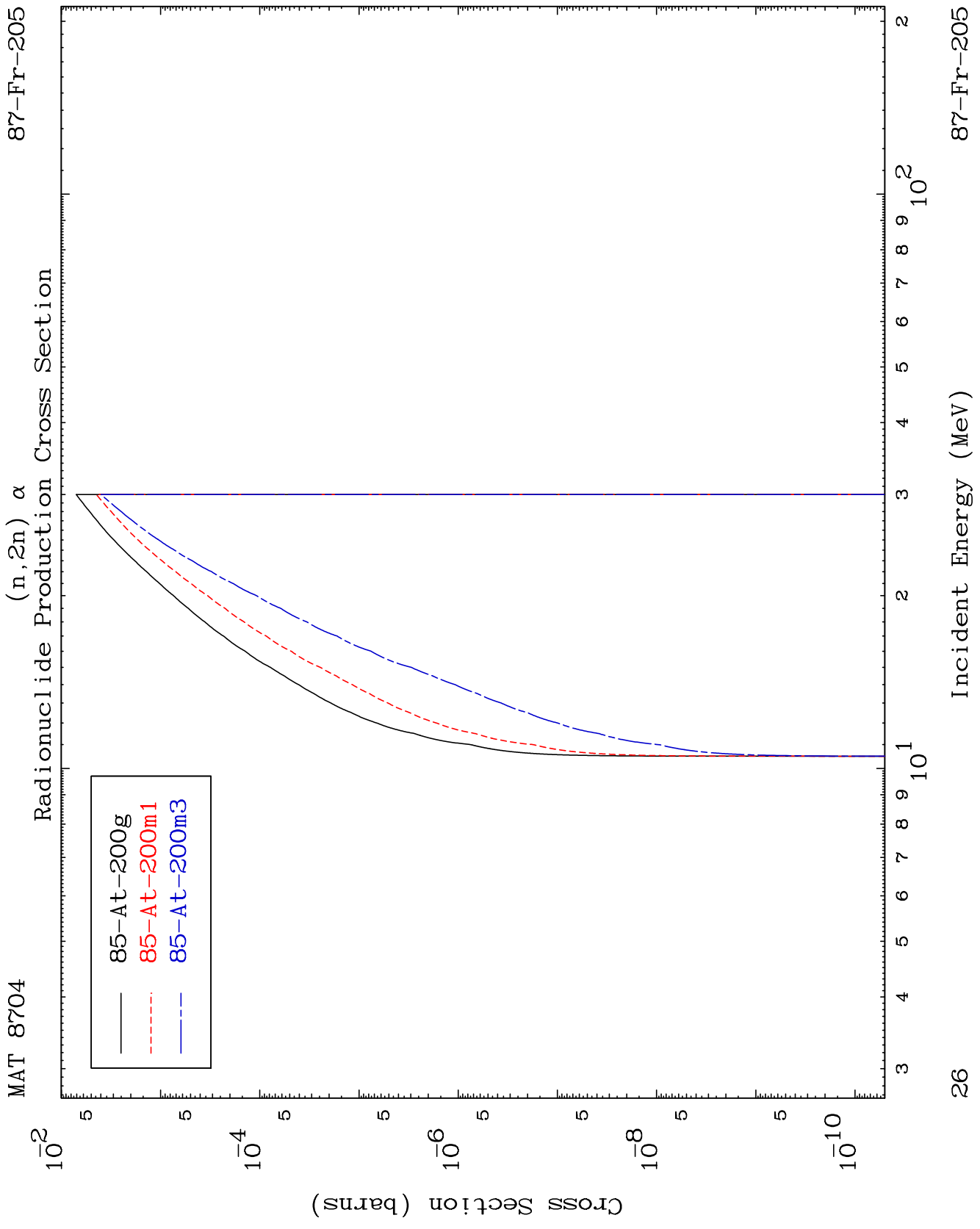
(n,n') 3 α

87-Fr-205

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

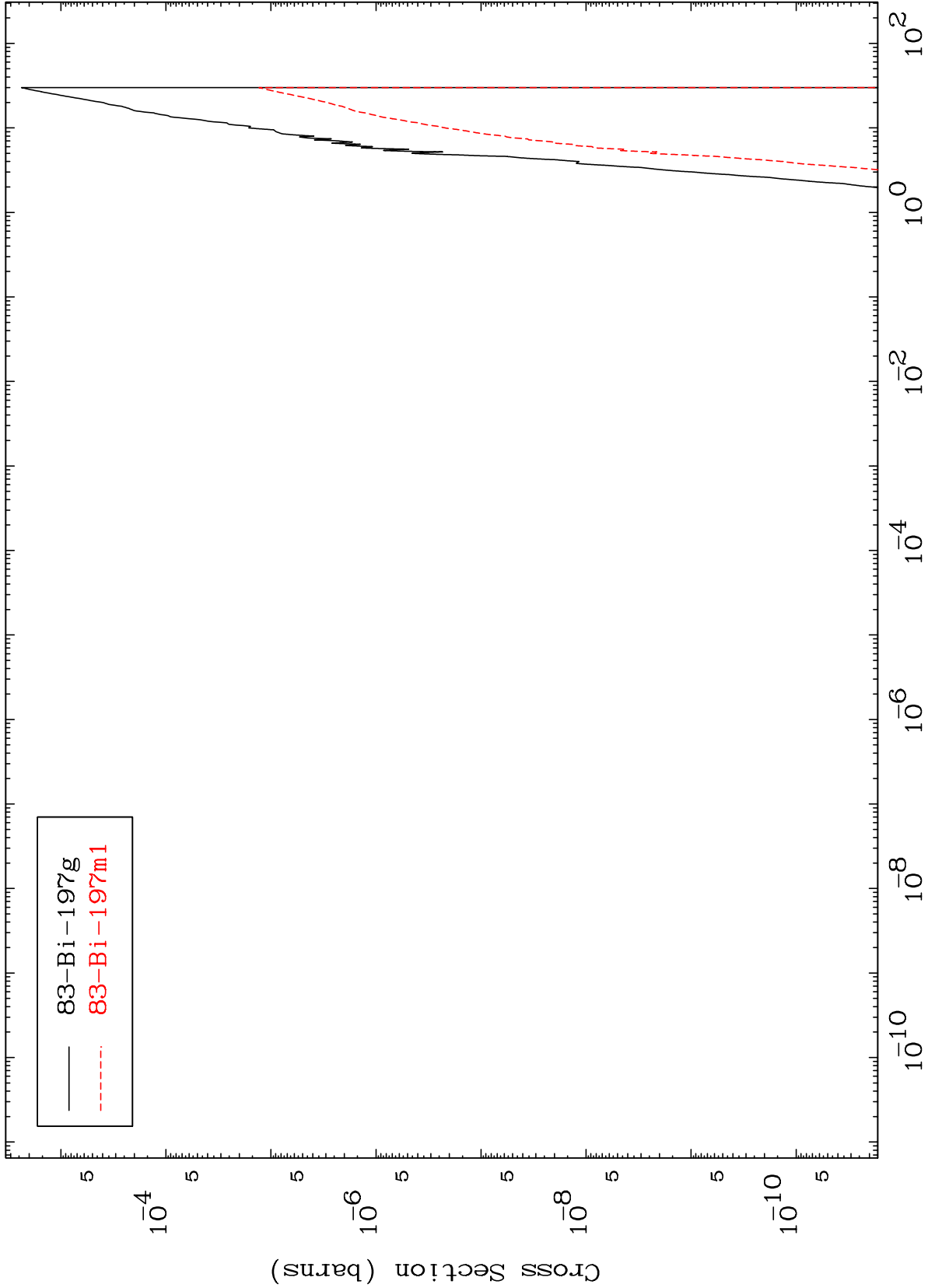


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(n,n') 2α

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Radionuclide Production Cross Section

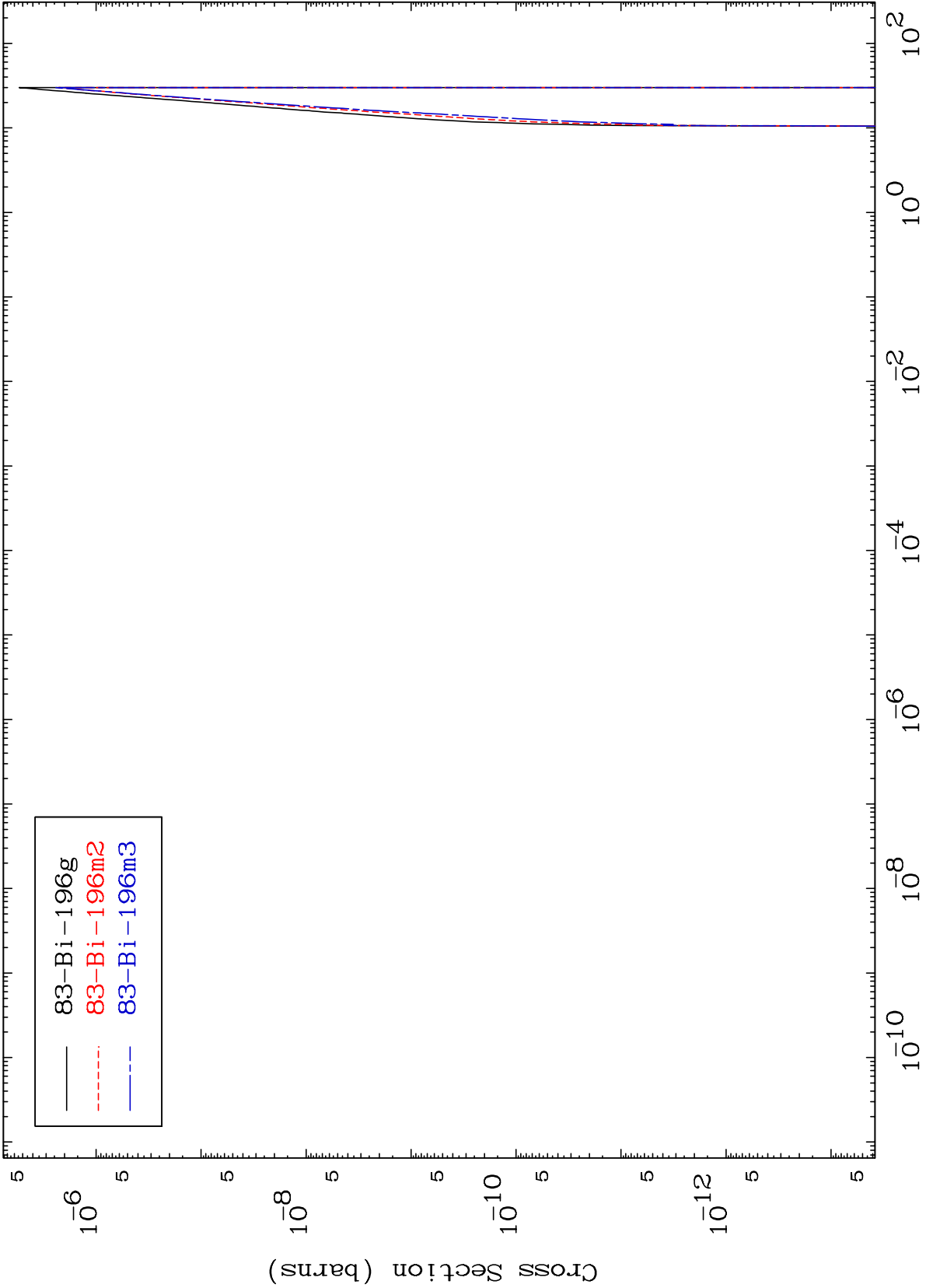


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(n,2n) 2 α

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Radionuclide Production Cross Section



28

Incident Energy (MeV)

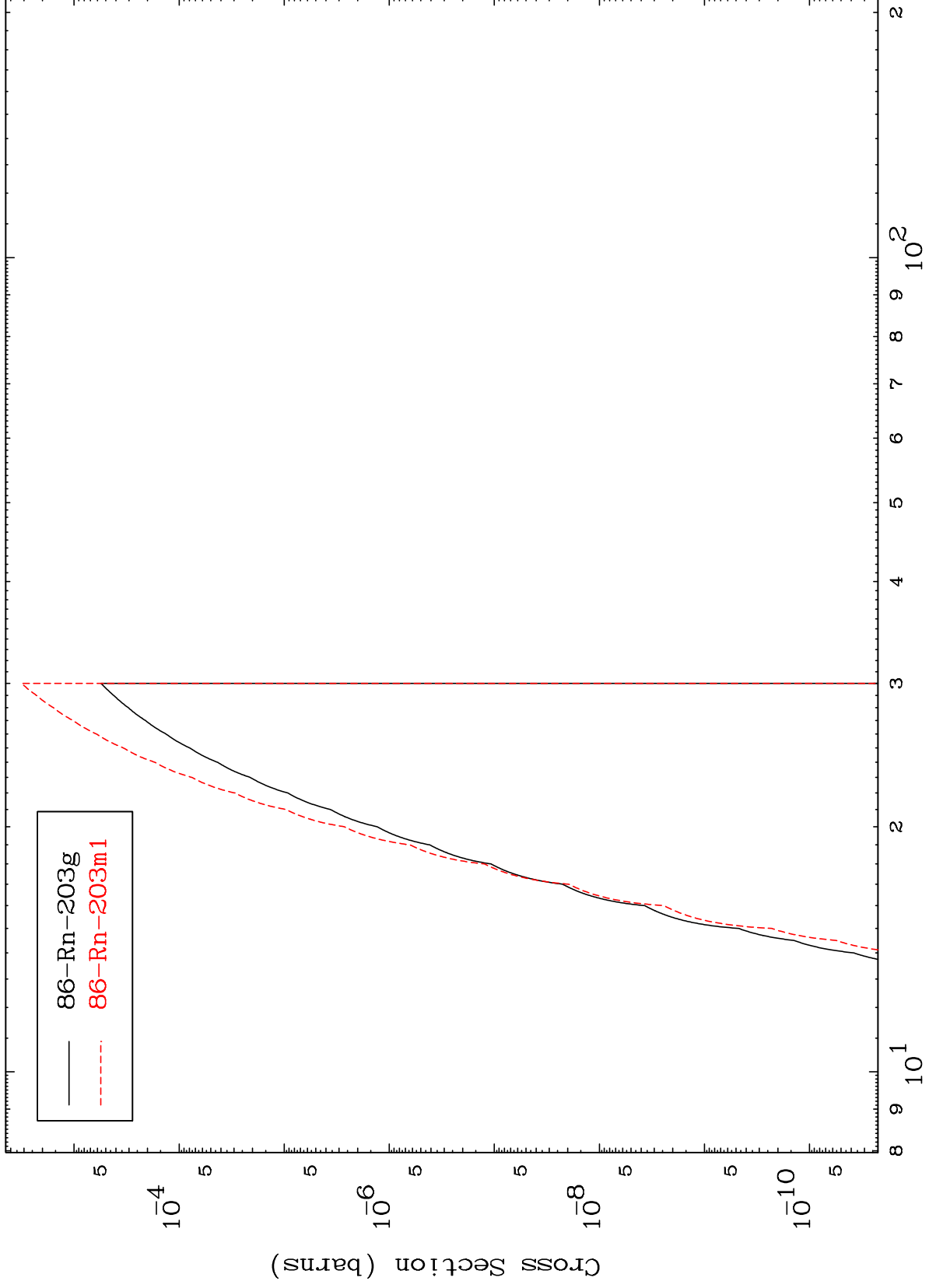
87-Fr-205

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(n,n') d

87-Fr-205

Radionuclide Production Cross Section



29

Incident Energy (MeV)

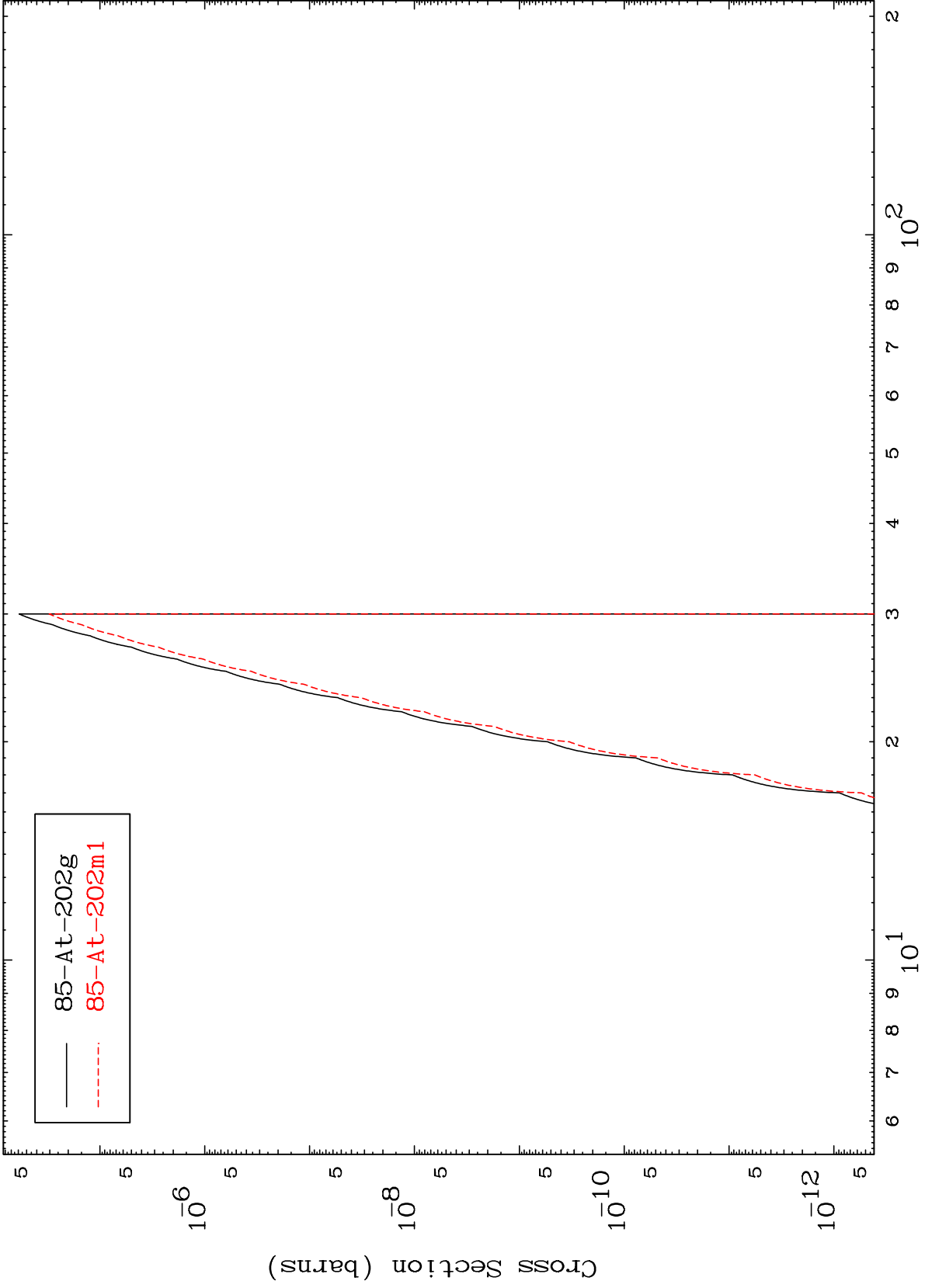
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(n,n') He-3

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Radionuclide Production Cross Section



30

Incident Energy (MeV)

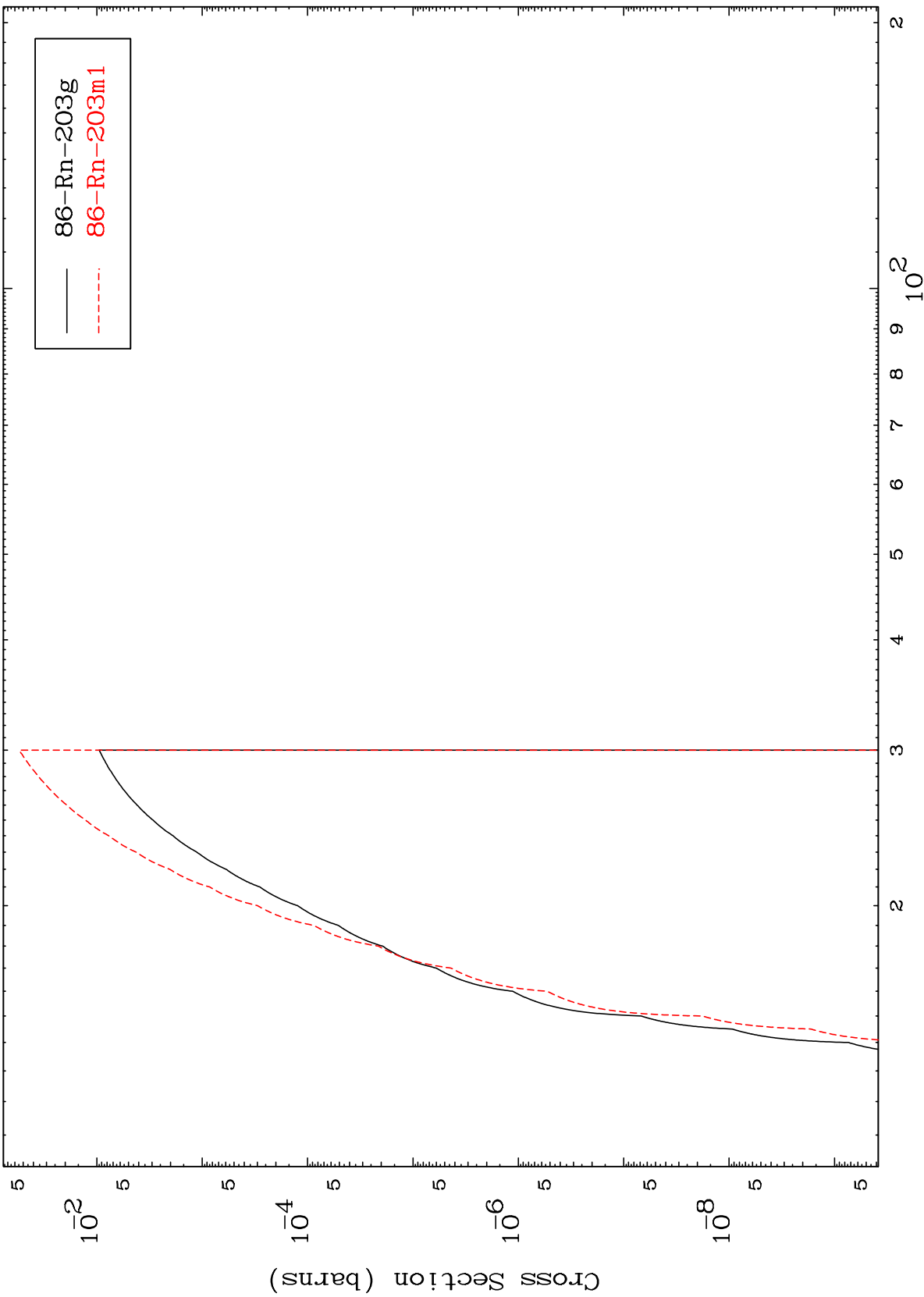
87-Fr-205

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87-Fr-205

(n,2n) p

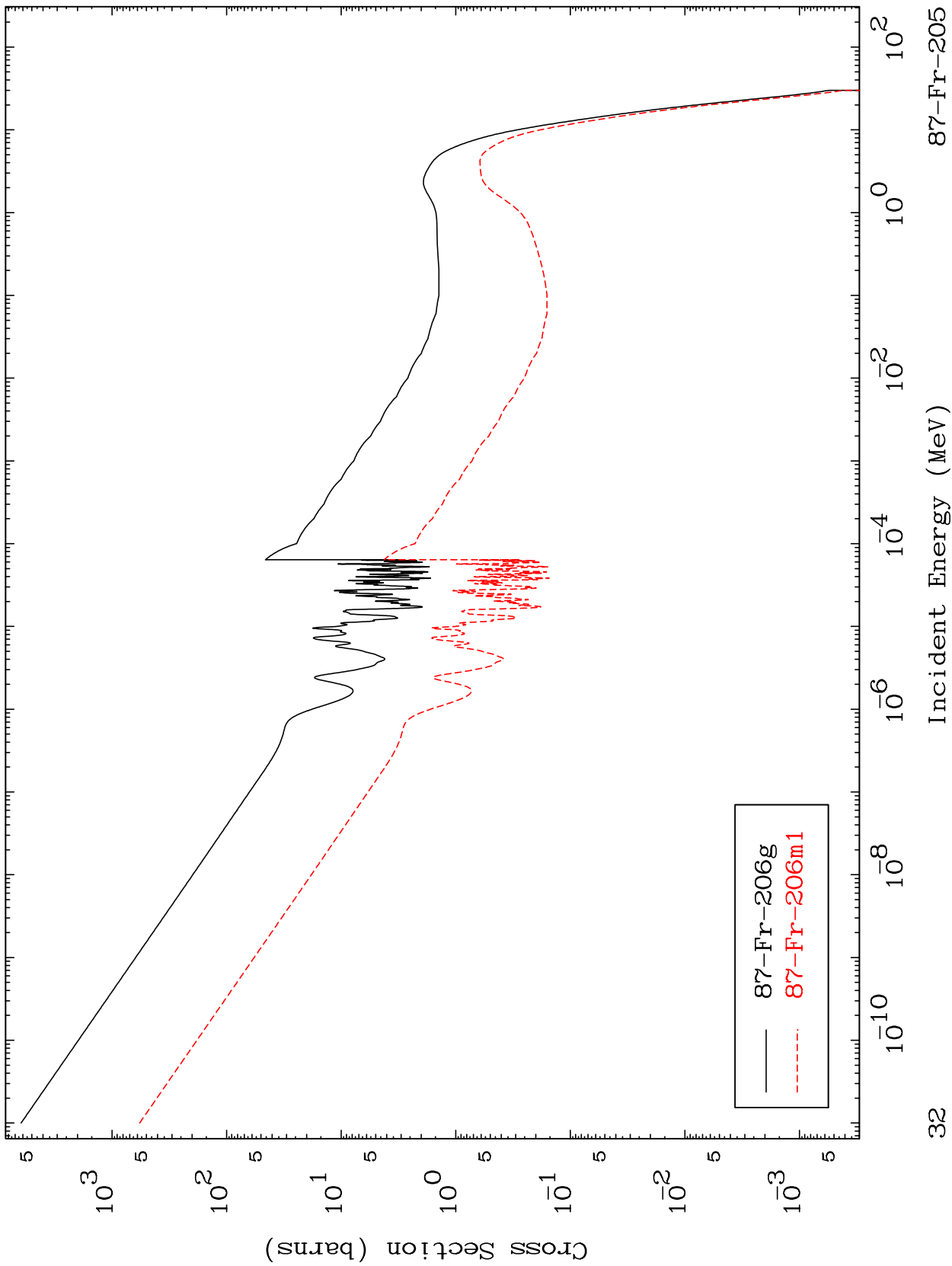
Radionuclide Production Cross Section



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87-Fr-205

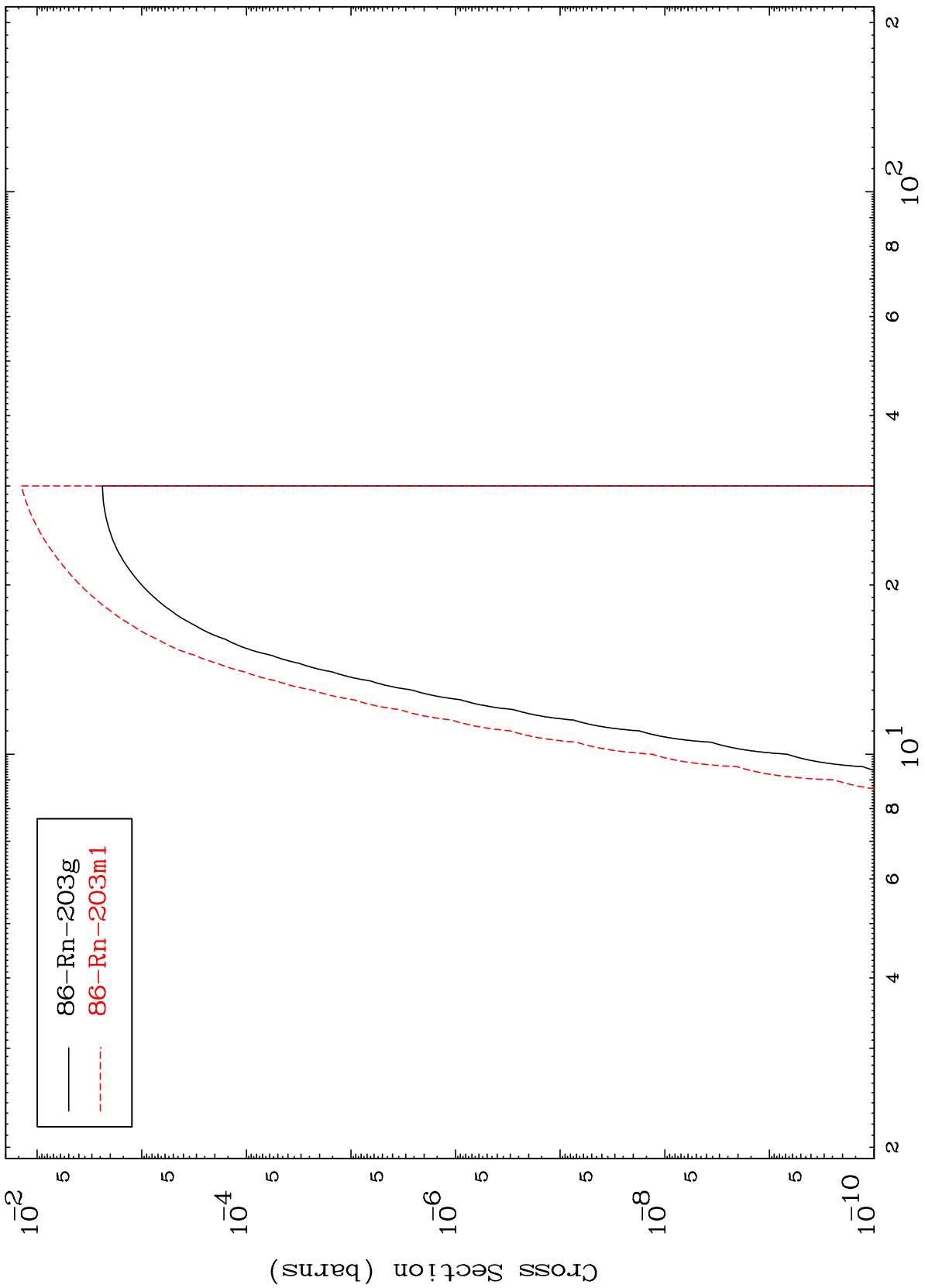
(n, γ)
Radionuclide Production Cross Section



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Radionuclide Production Cross Section



87-Fr-205

Incident Energy (MeV)

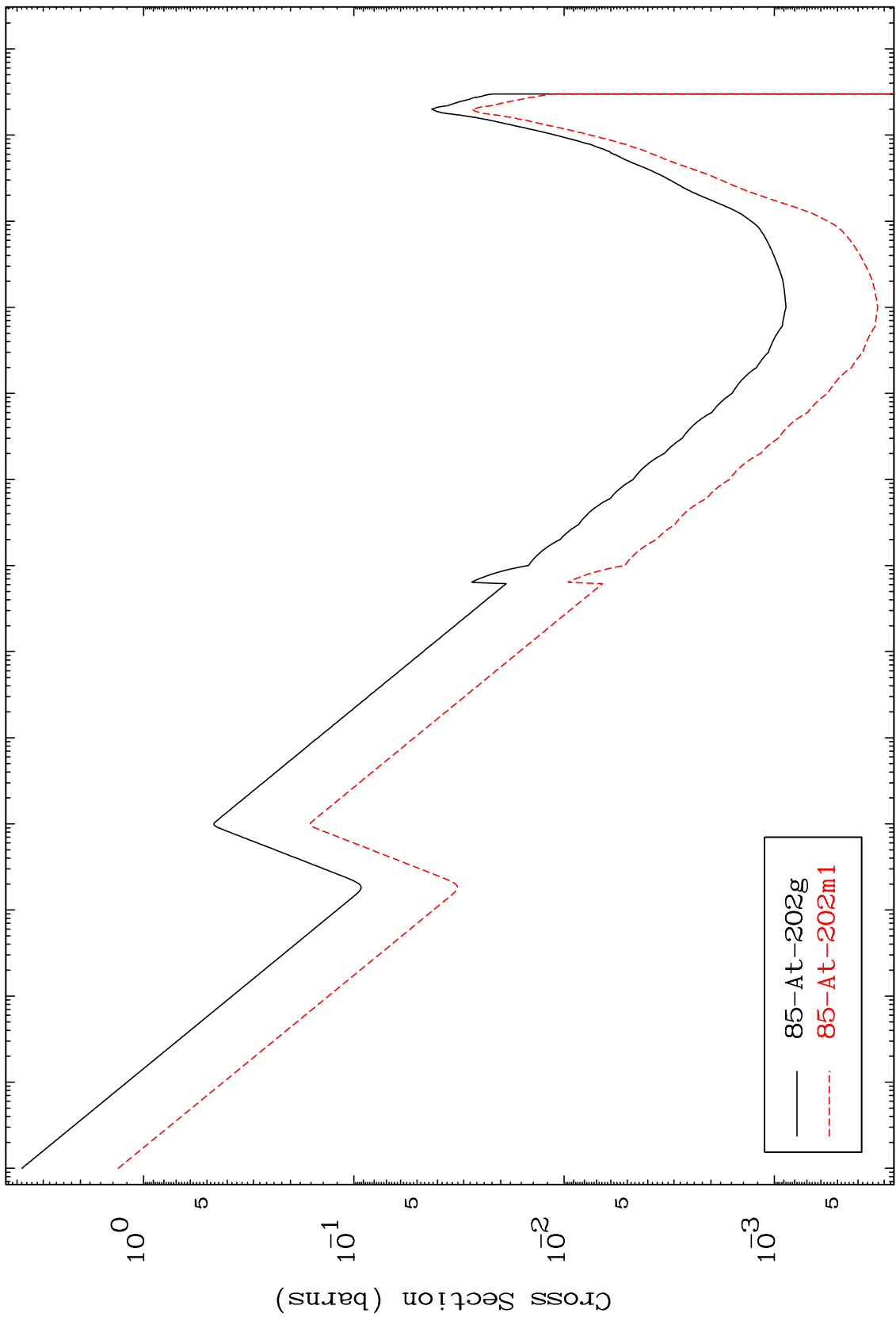
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Radionuclide Production Cross Section

(n, α)



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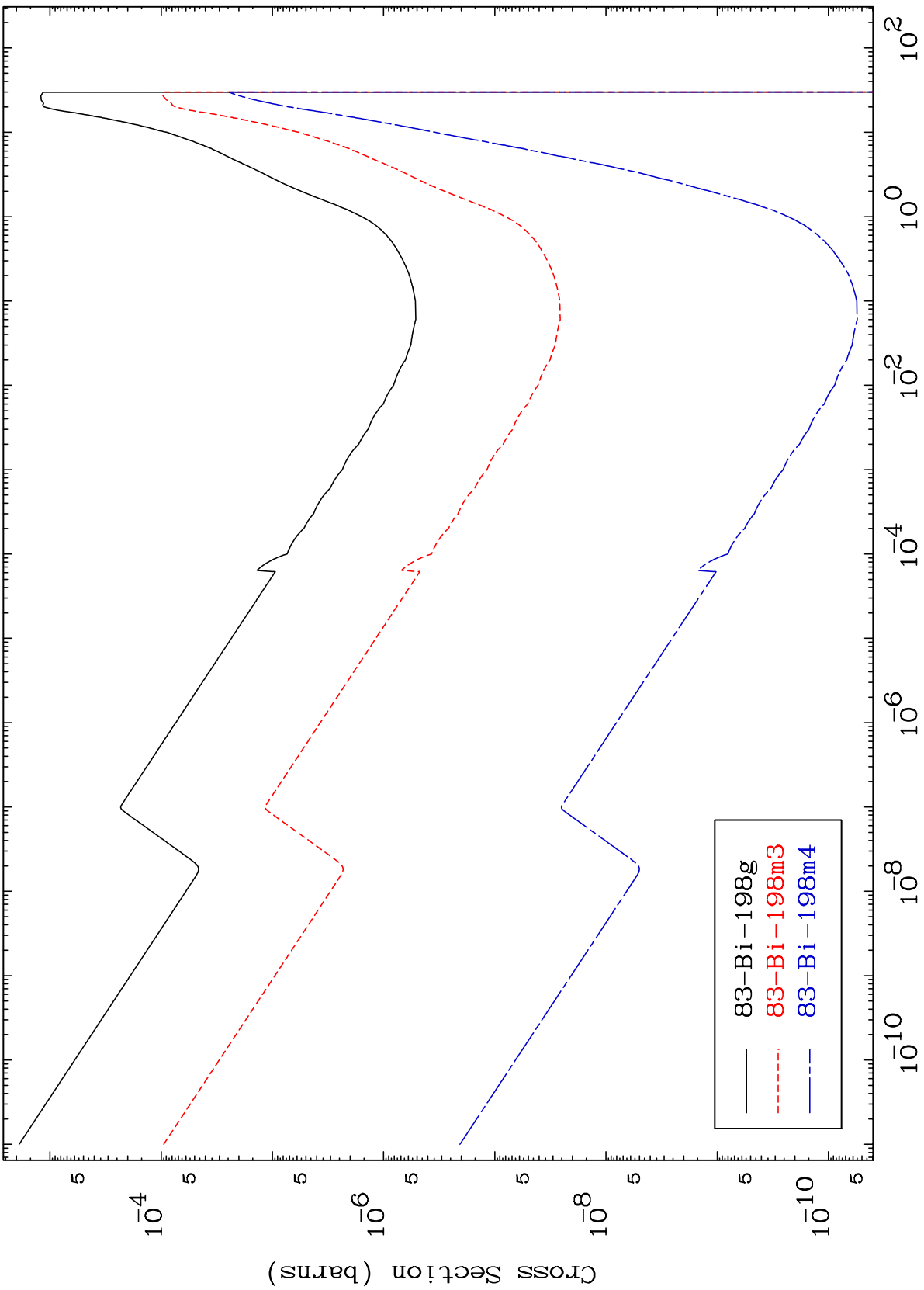
Incident Energy (MeV)

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Radionuclide Production Cross Section

(n,2α)



87-Fr-205

Incident Energy (MeV)

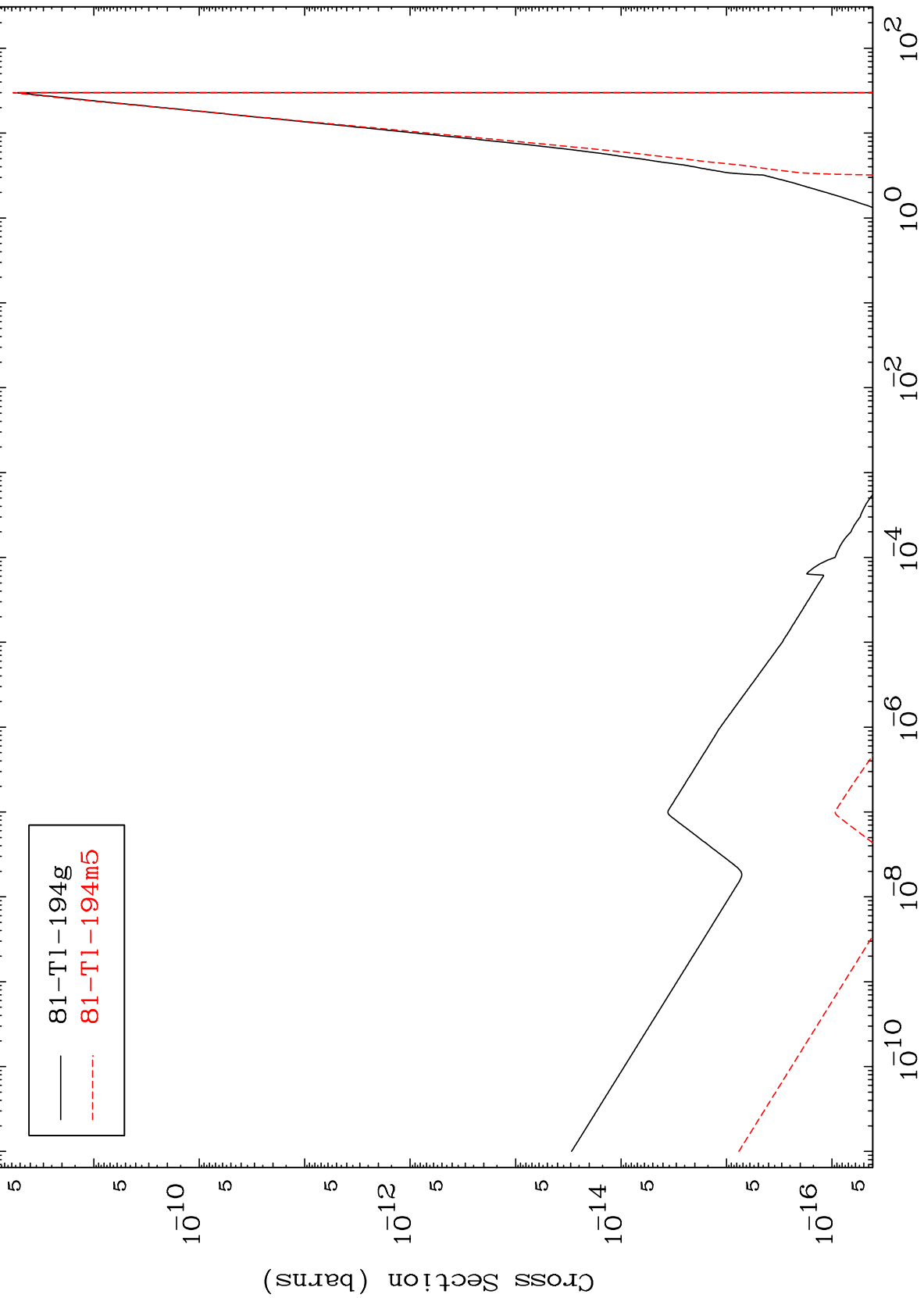
35

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(n, 3α)

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Radionuclide Production Cross Section

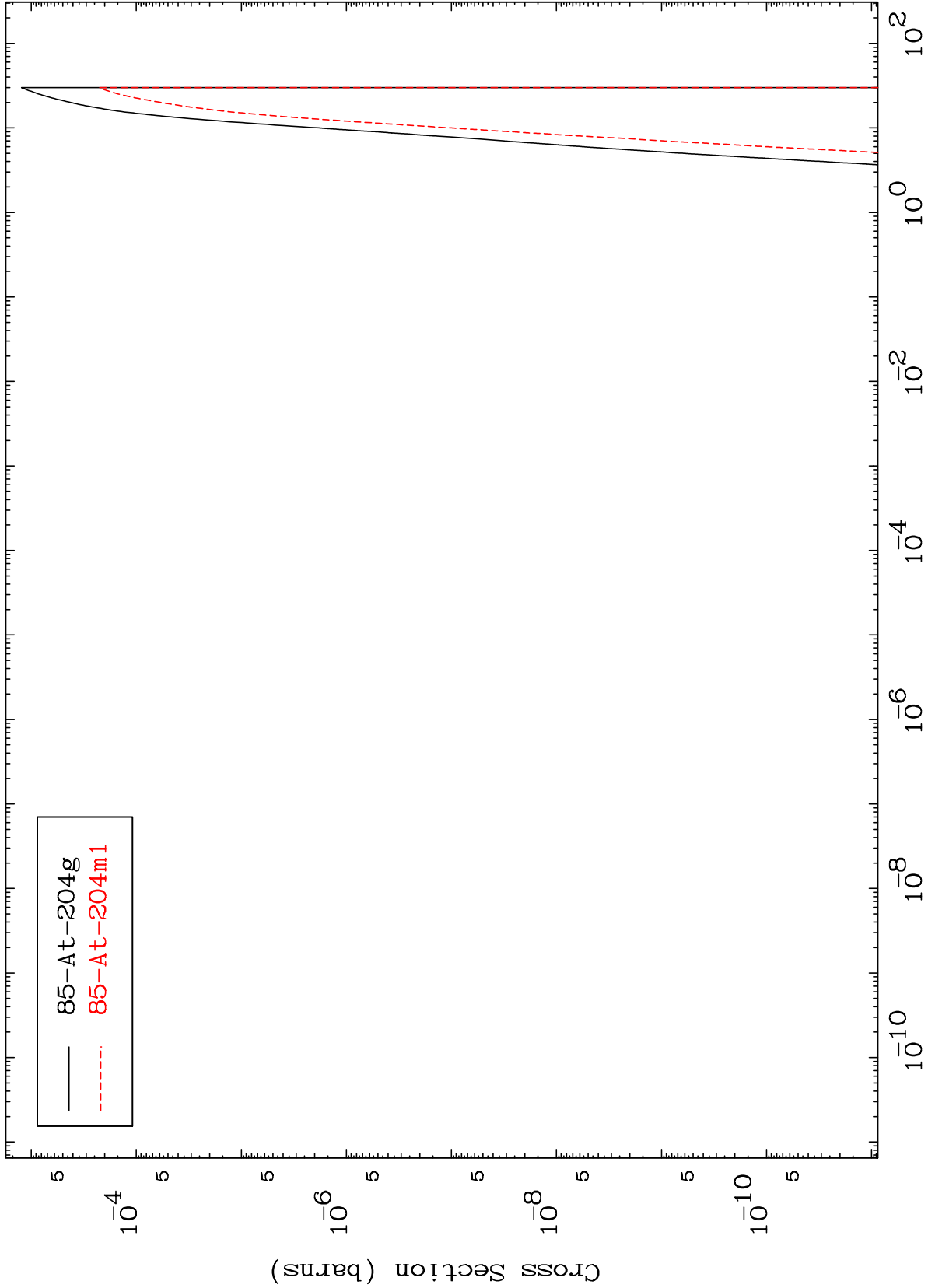


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(n,2p)

87-Fr-205

Radionuclide Production Cross Section

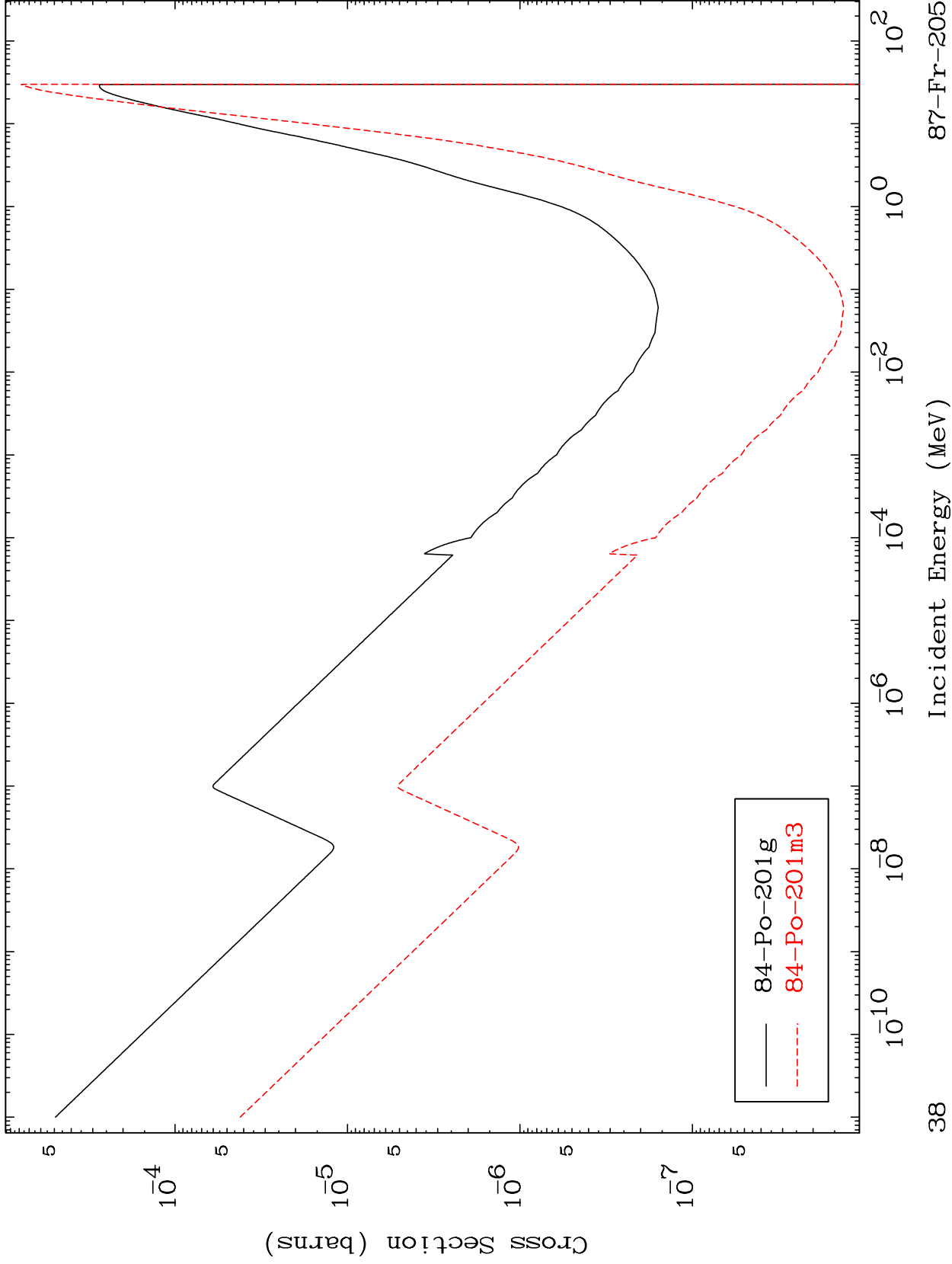


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(n,p) α

87-Fr-205

Radionuclide Production Cross Section

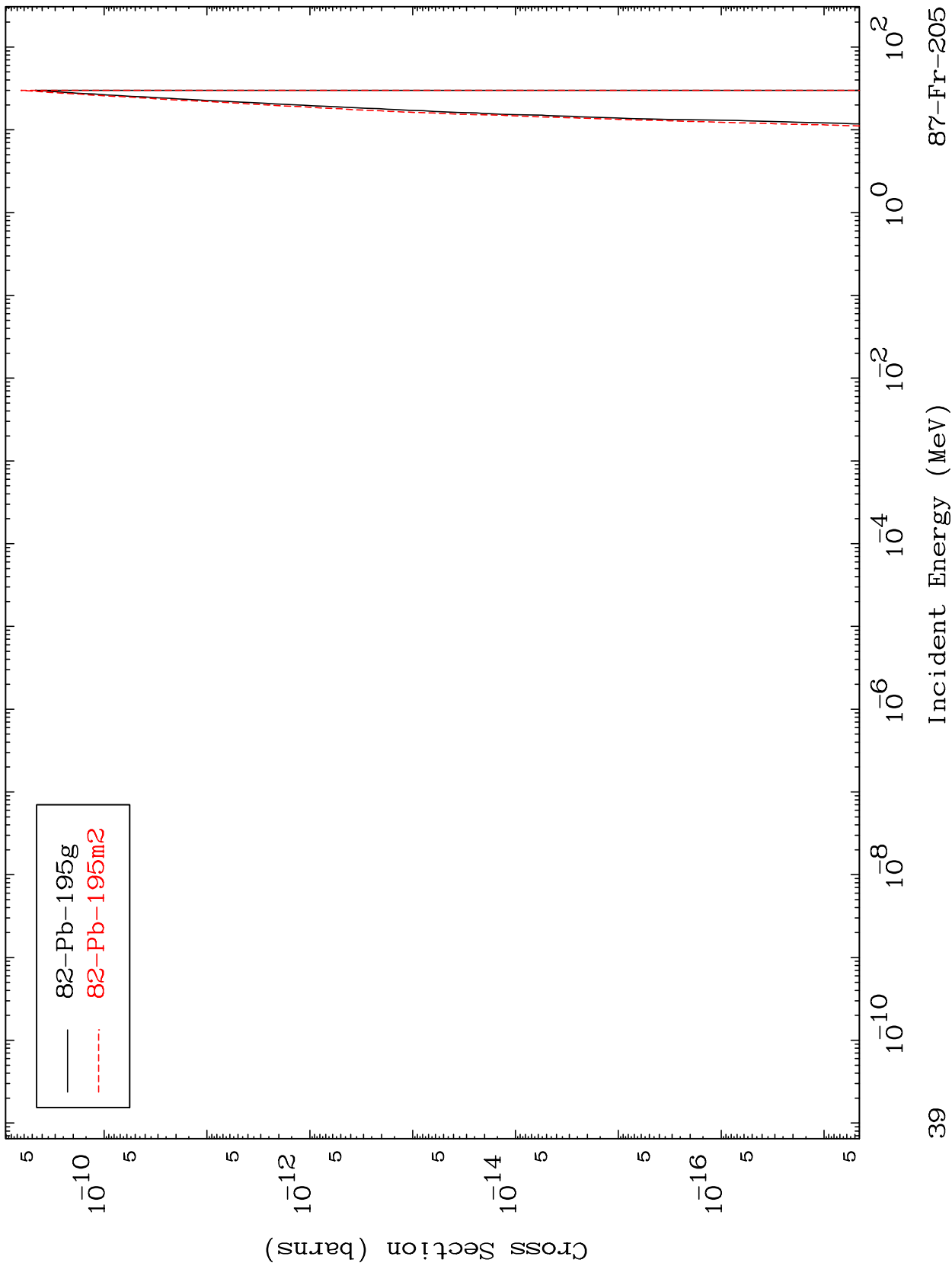


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(n,t) 2 α

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Radionuclide Production Cross Section

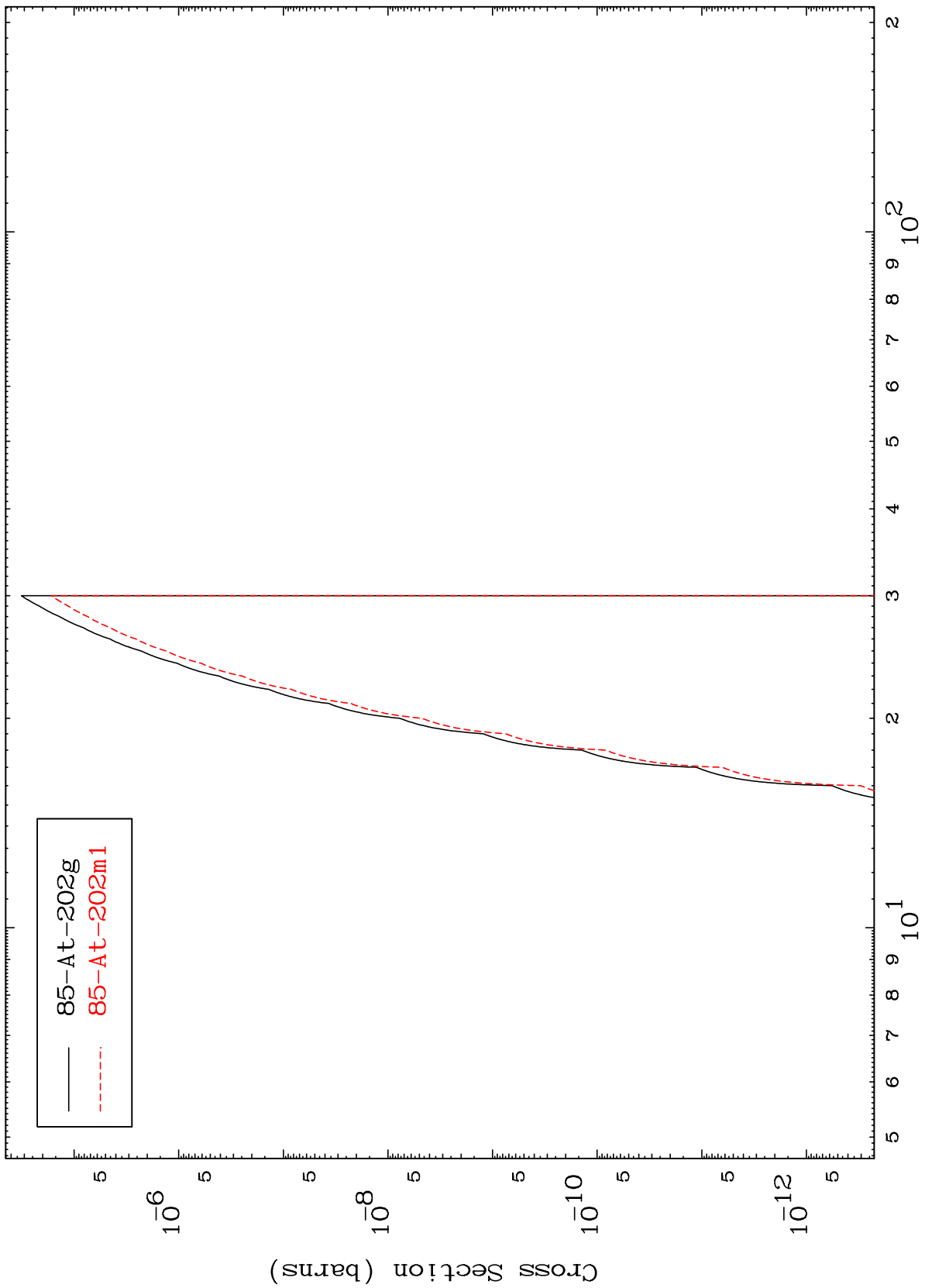


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(n,p) t

87-Fr-205

Radionuclide Production Cross Section



40

Incident Energy (MeV)

87-Fr-205