

Program EVALPLOT
(Version 2017-1)

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

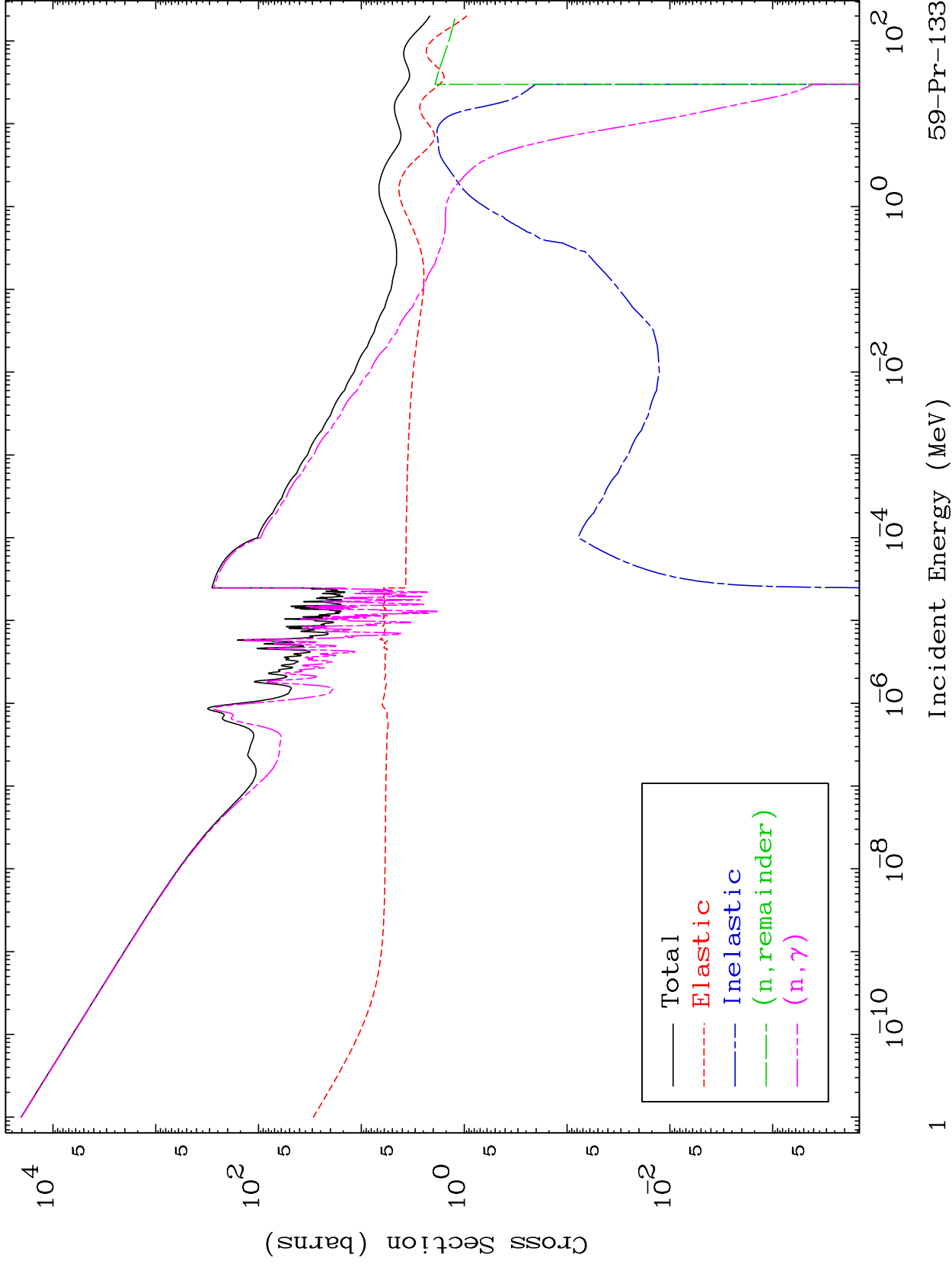
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5902

Major
293 Kelvin Cross Sections

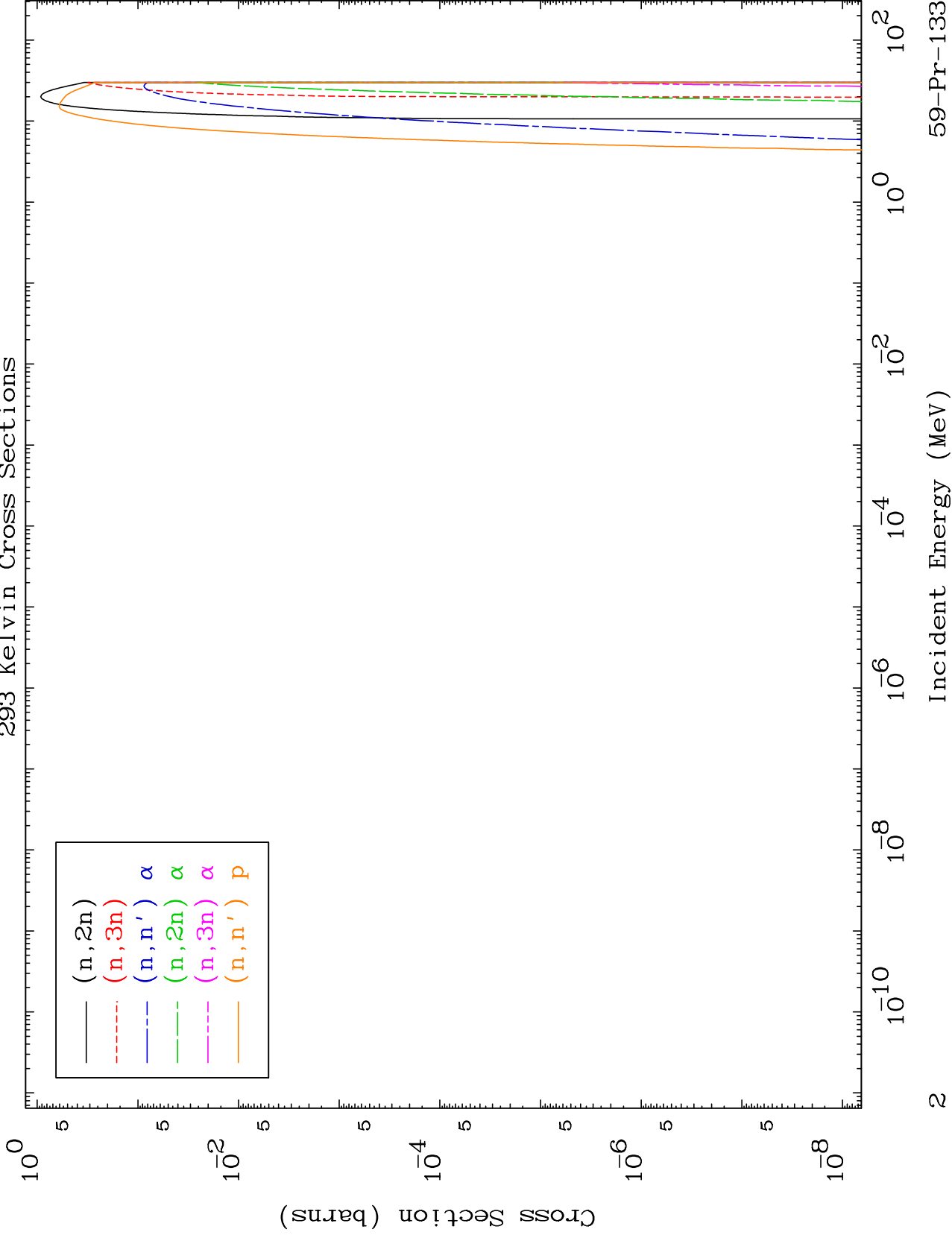
59-Pr-133



MAT 5902

Neutron Production
293 Kelvin Cross Sections

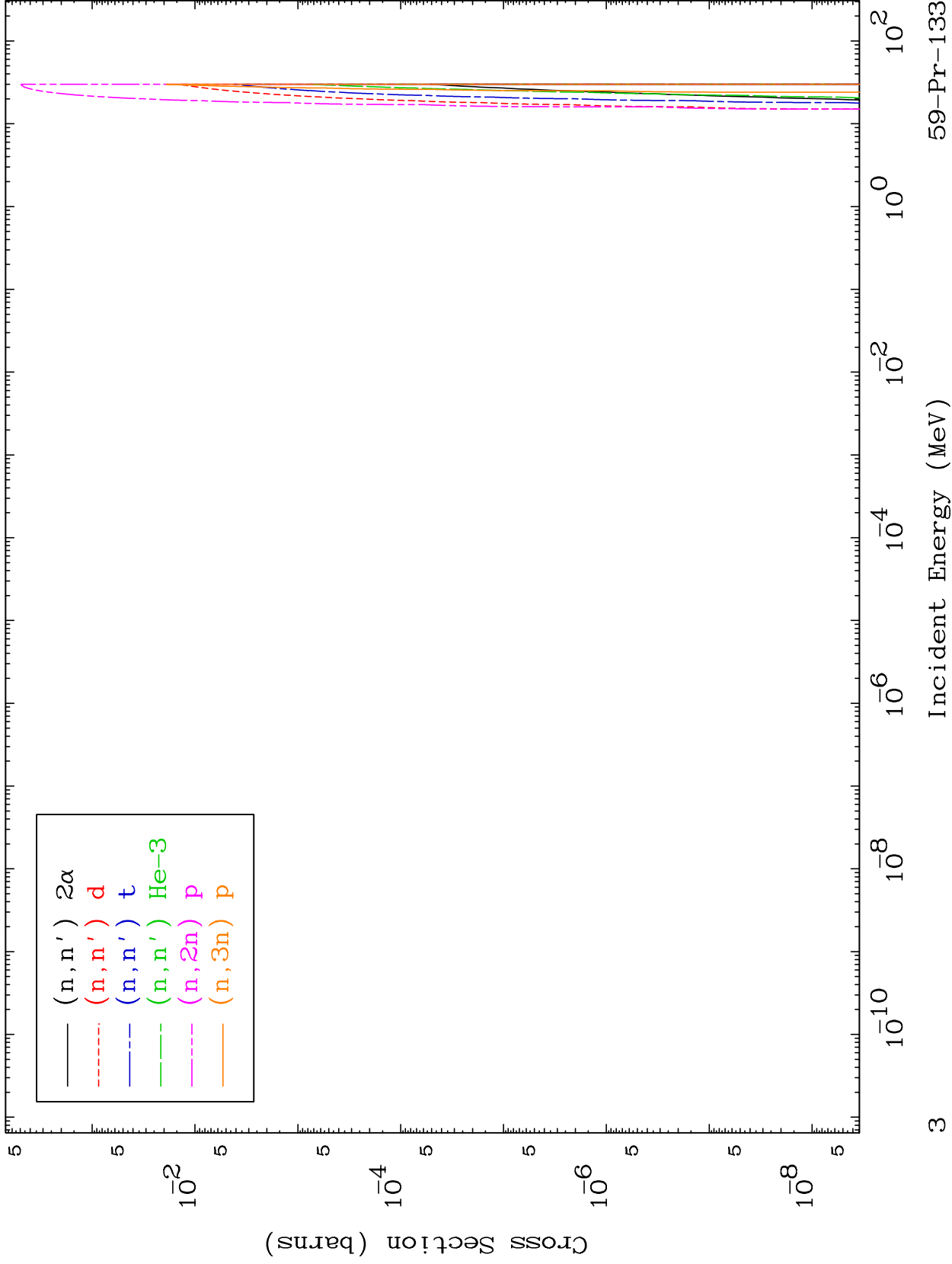
59-Pr-133



MAT 5902

Neutron Production
293 Kelvin Cross Sections

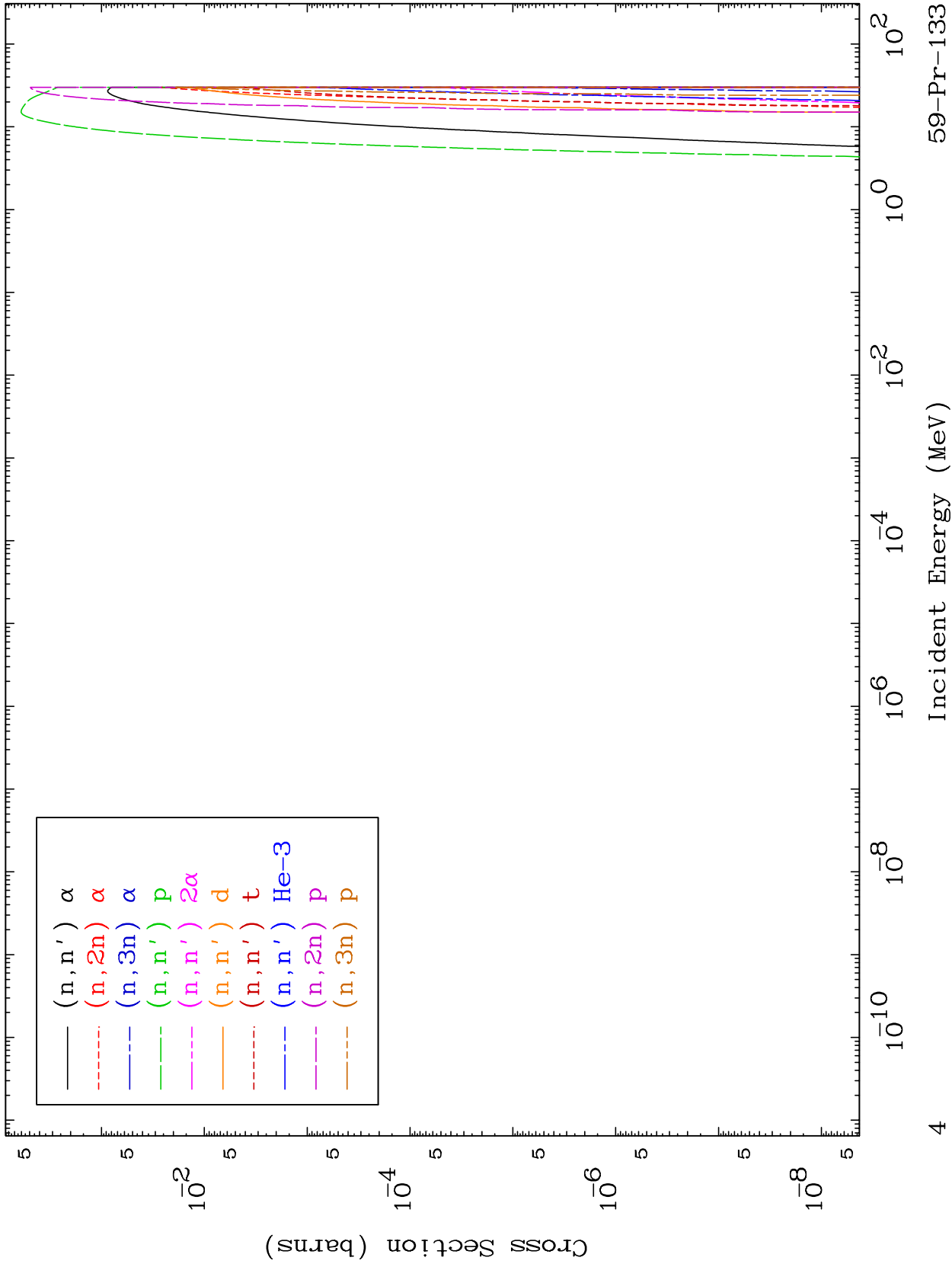
59-Pr-133



MAT 5902

Charged Particle
293 Kelvin Cross Sections

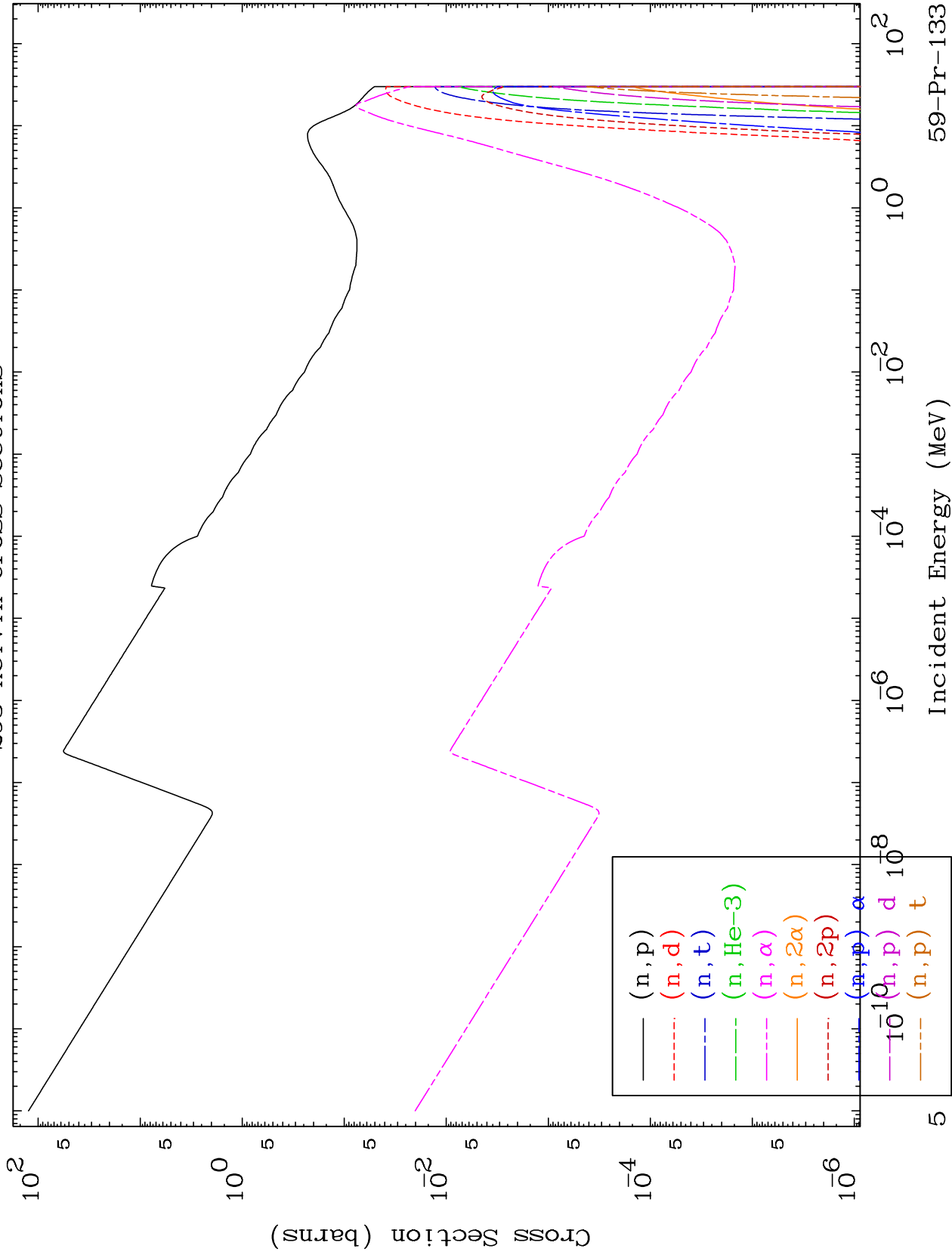
59-Pr-133



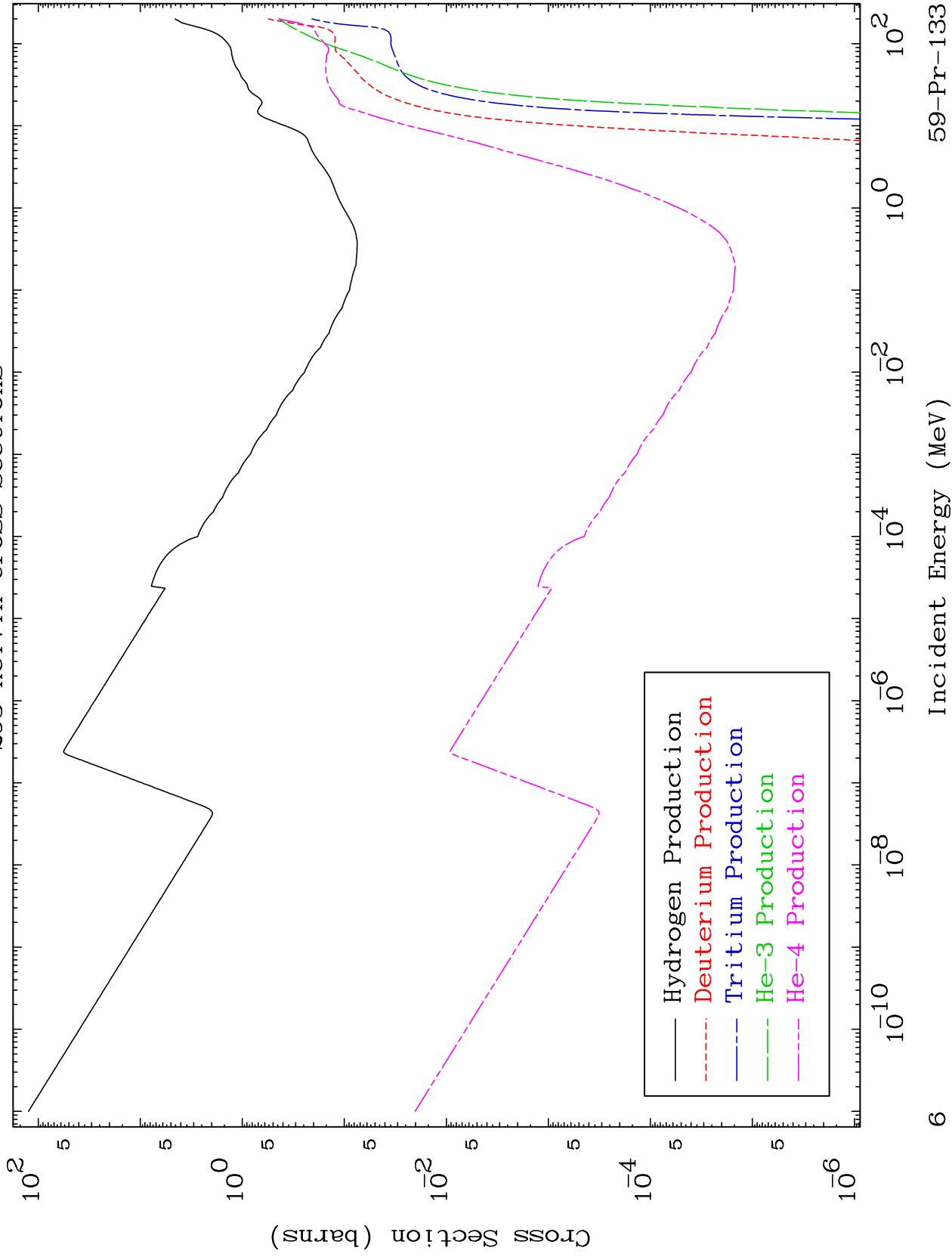
MAT 5902

Charged Particle
293 Kelvin Cross Sections

59-Pr-133



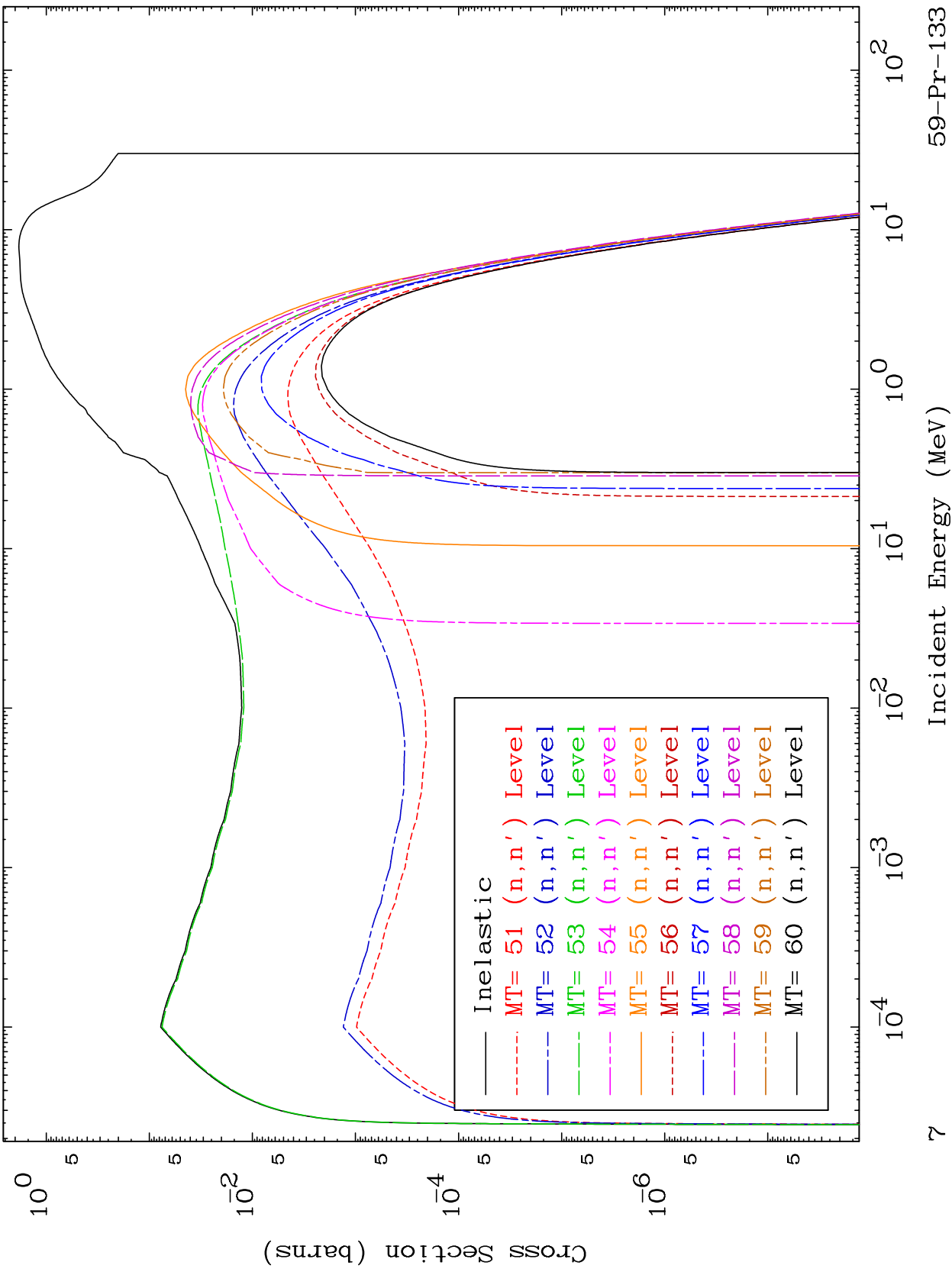
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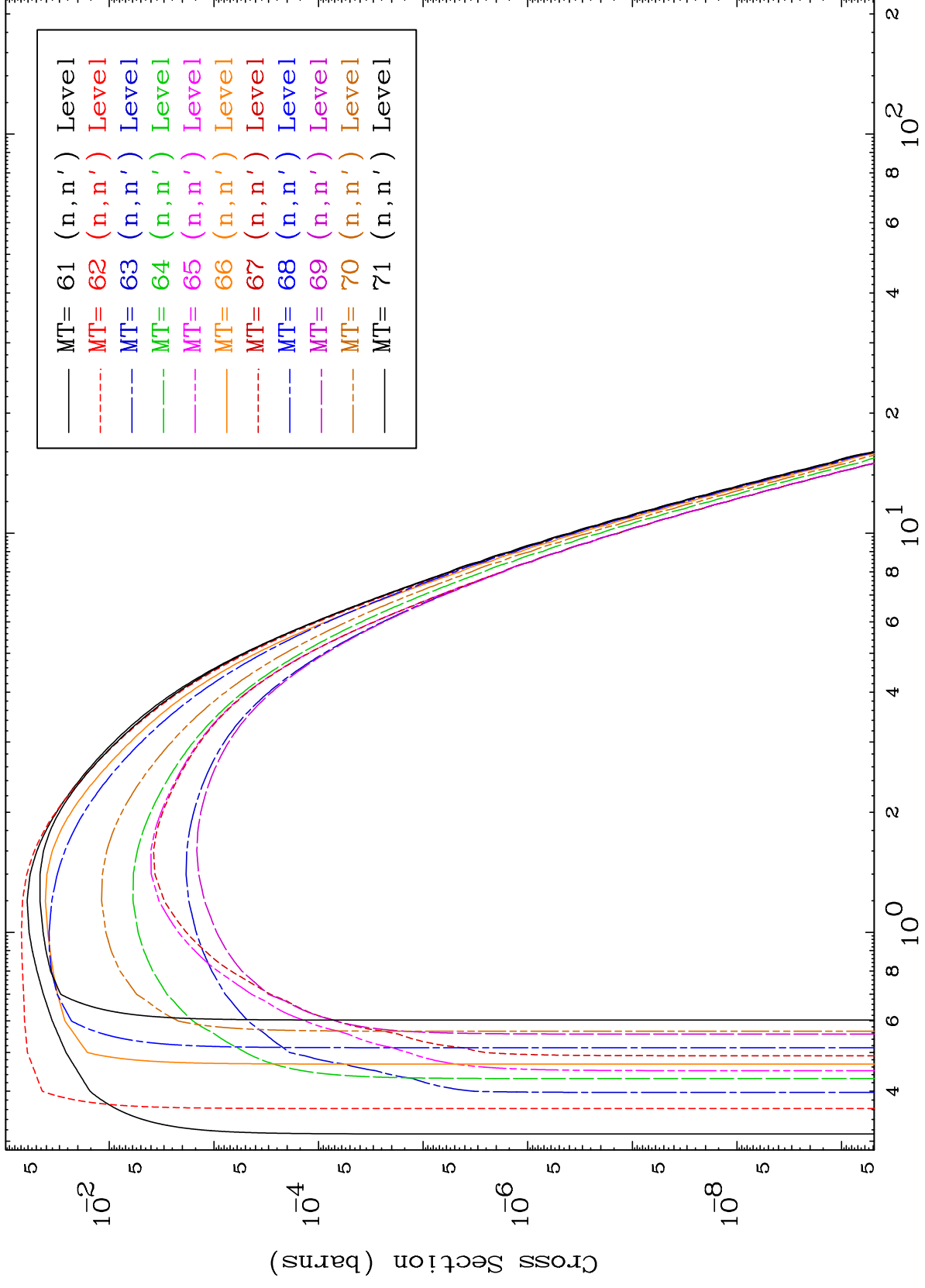
MAT 5902

(n,n') Level
293 Kelvin Cross Sections

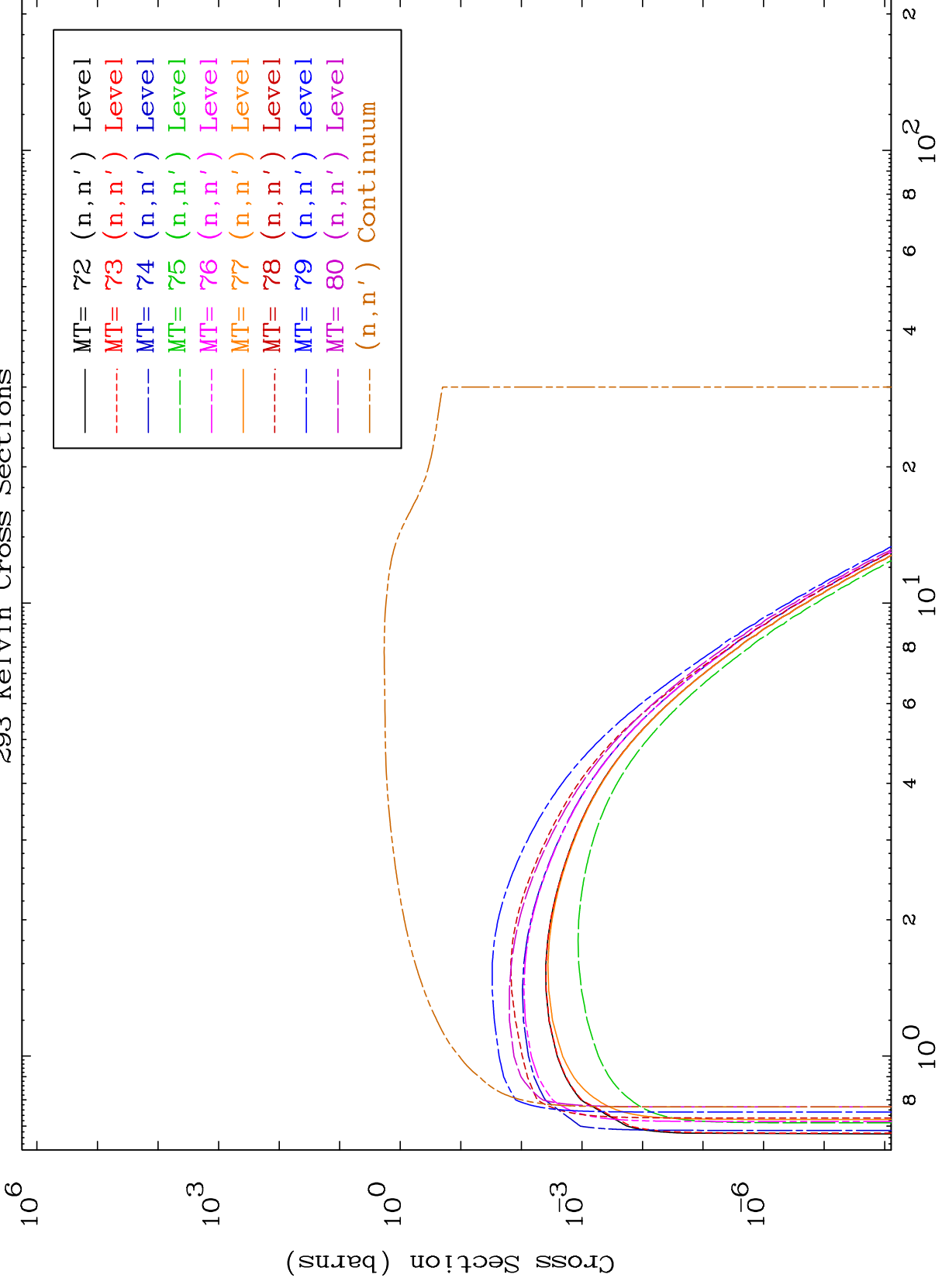
59-Pr-133



293 Kelvin Cross Sections



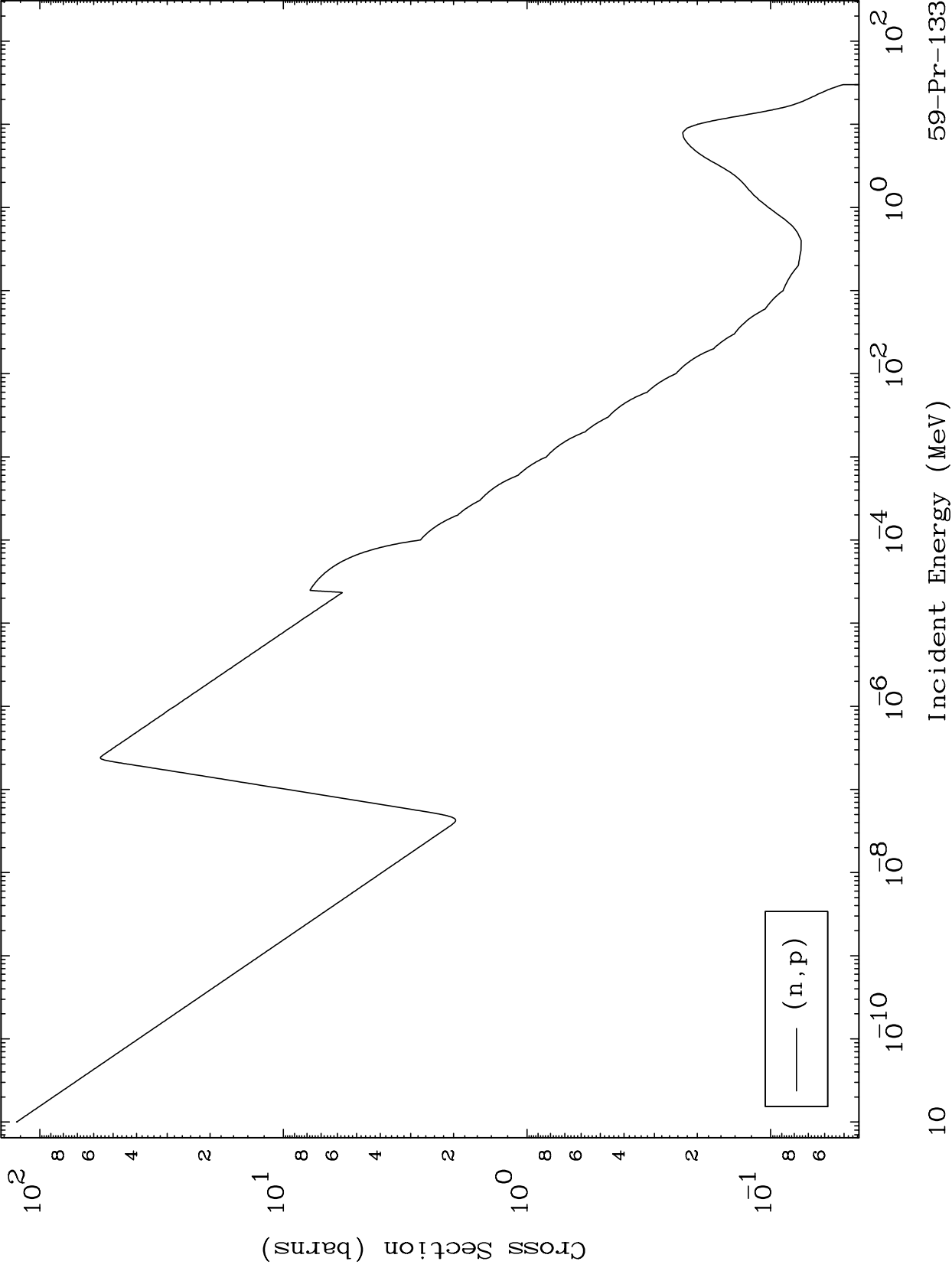
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

59-Pr-133



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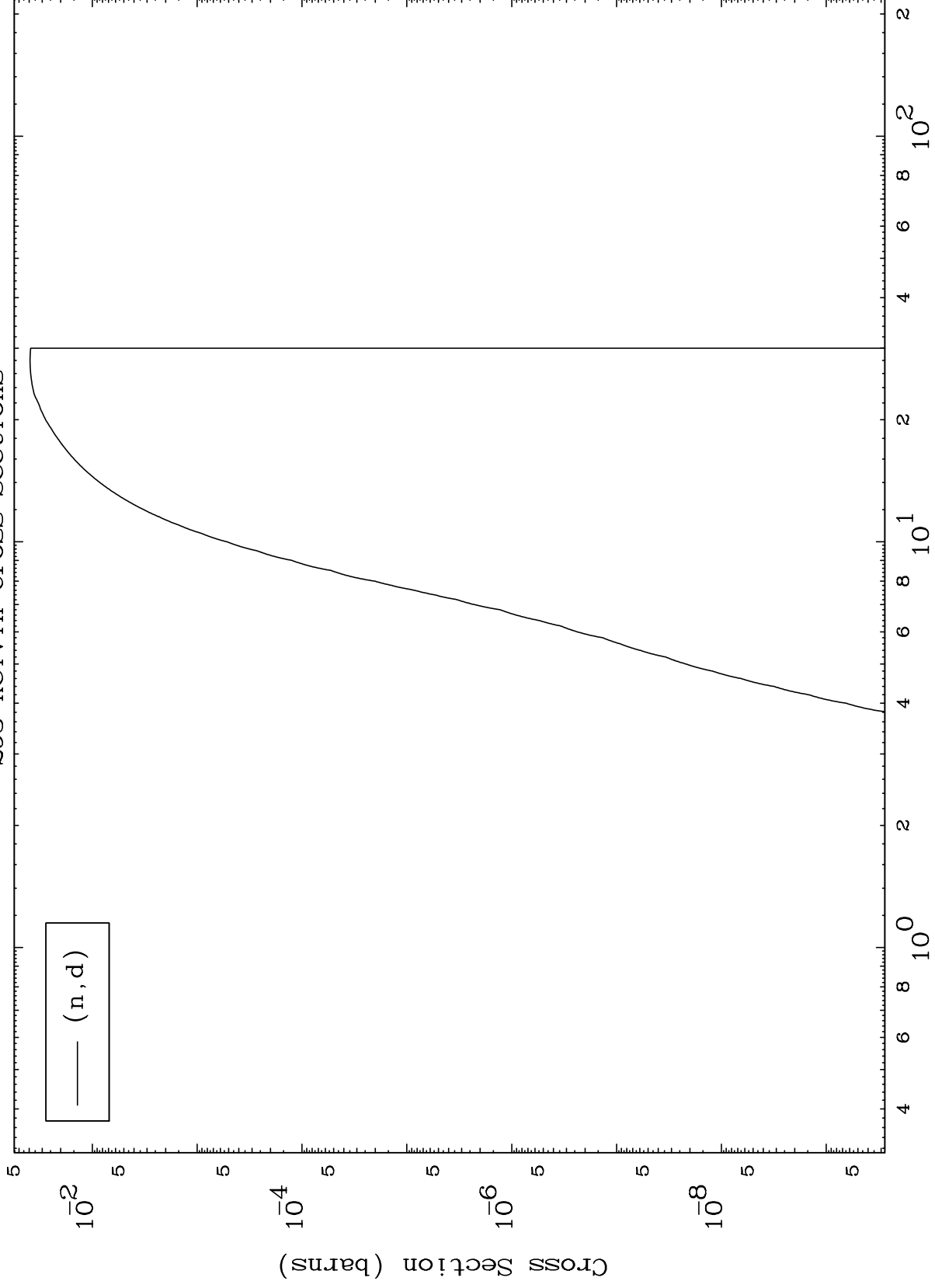
Incident Energy (MeV)

59-Pr-133

MAT 5902

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-133



11

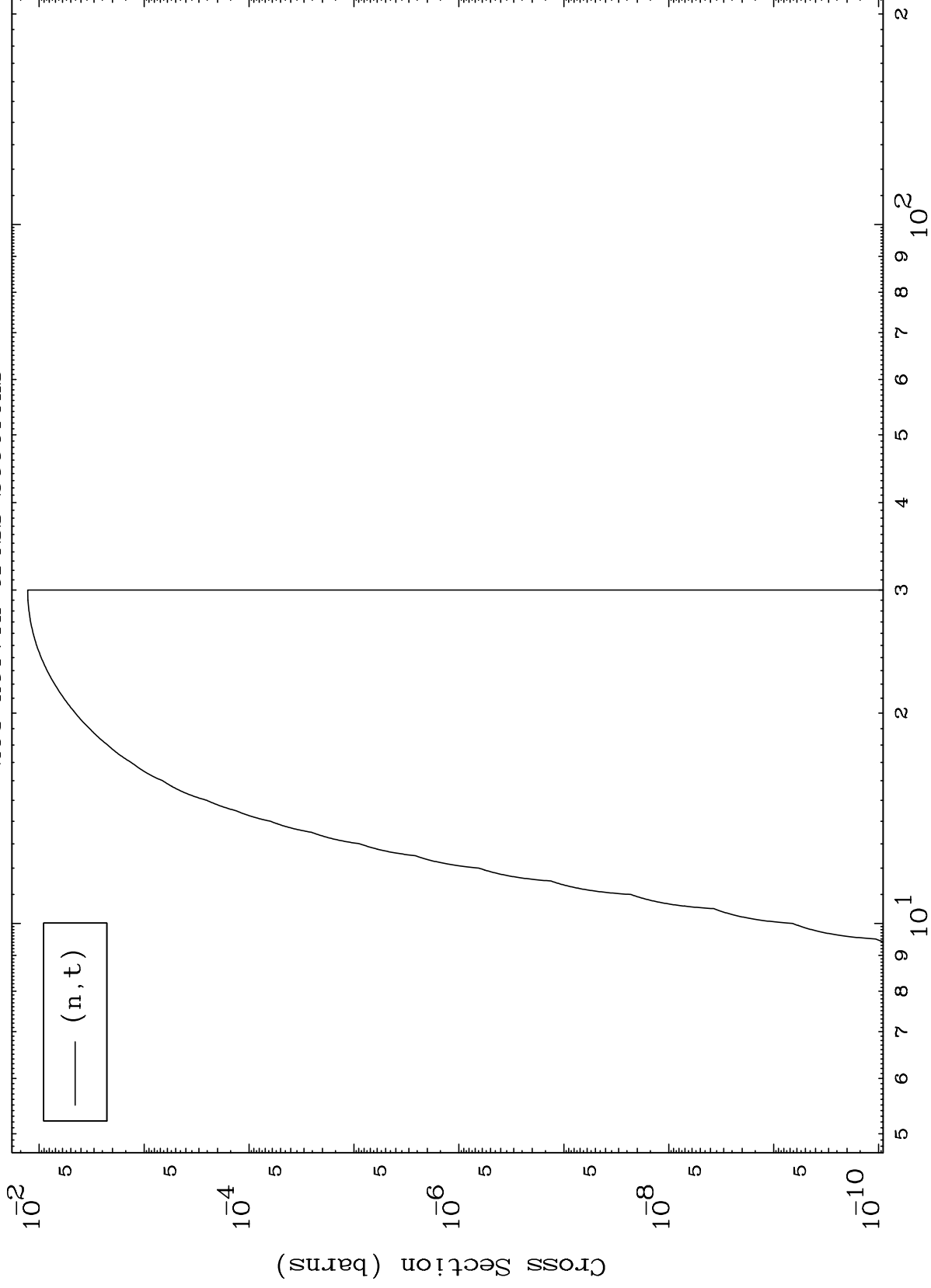
Incident Energy (MeV)

59-Pr-133

MAT 5902

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-133



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Incident Energy (MeV)

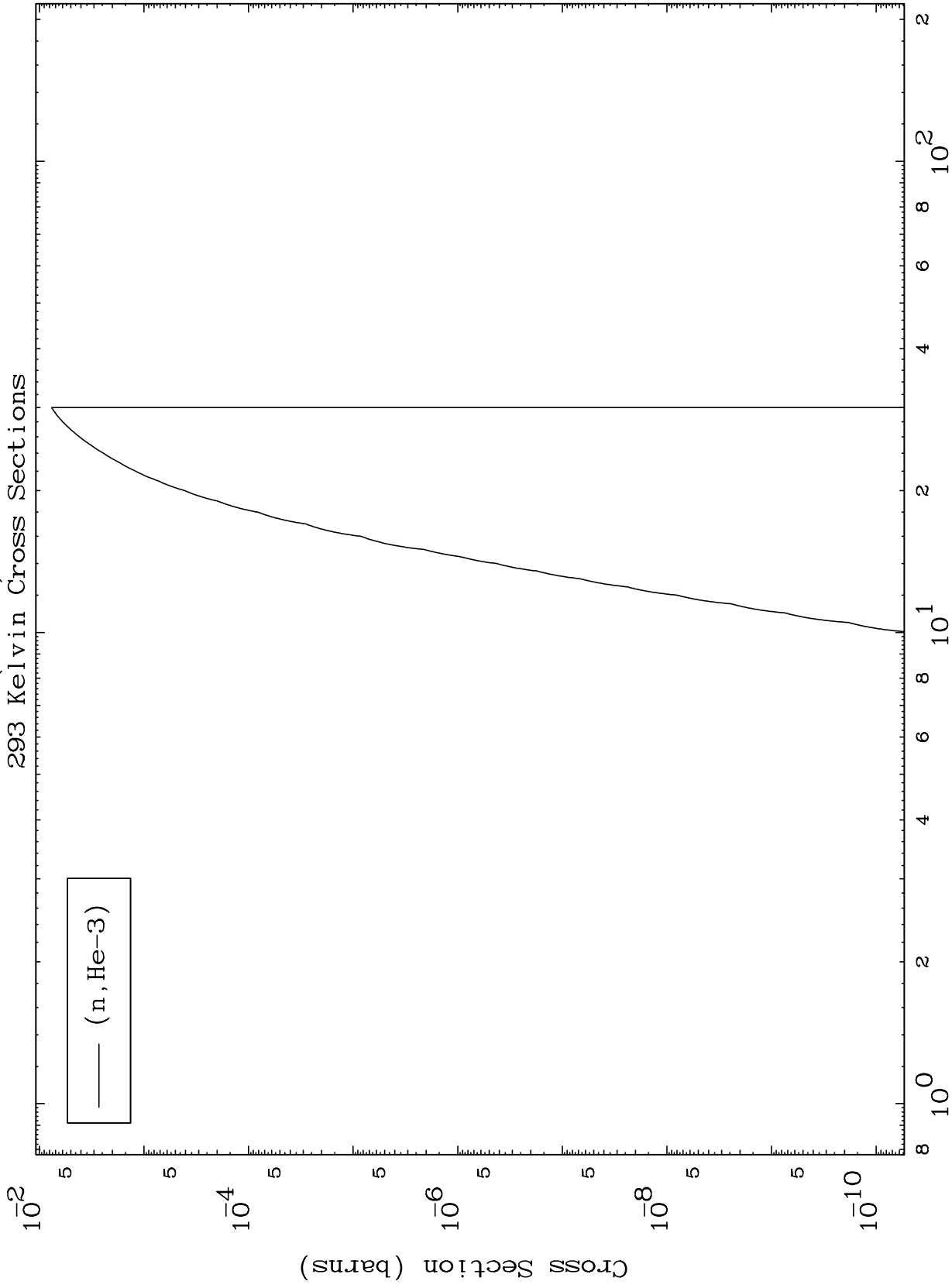
59-Pr-133

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(n,He3) Levels

59-Pr-133

293 Kelvin Cross Sections



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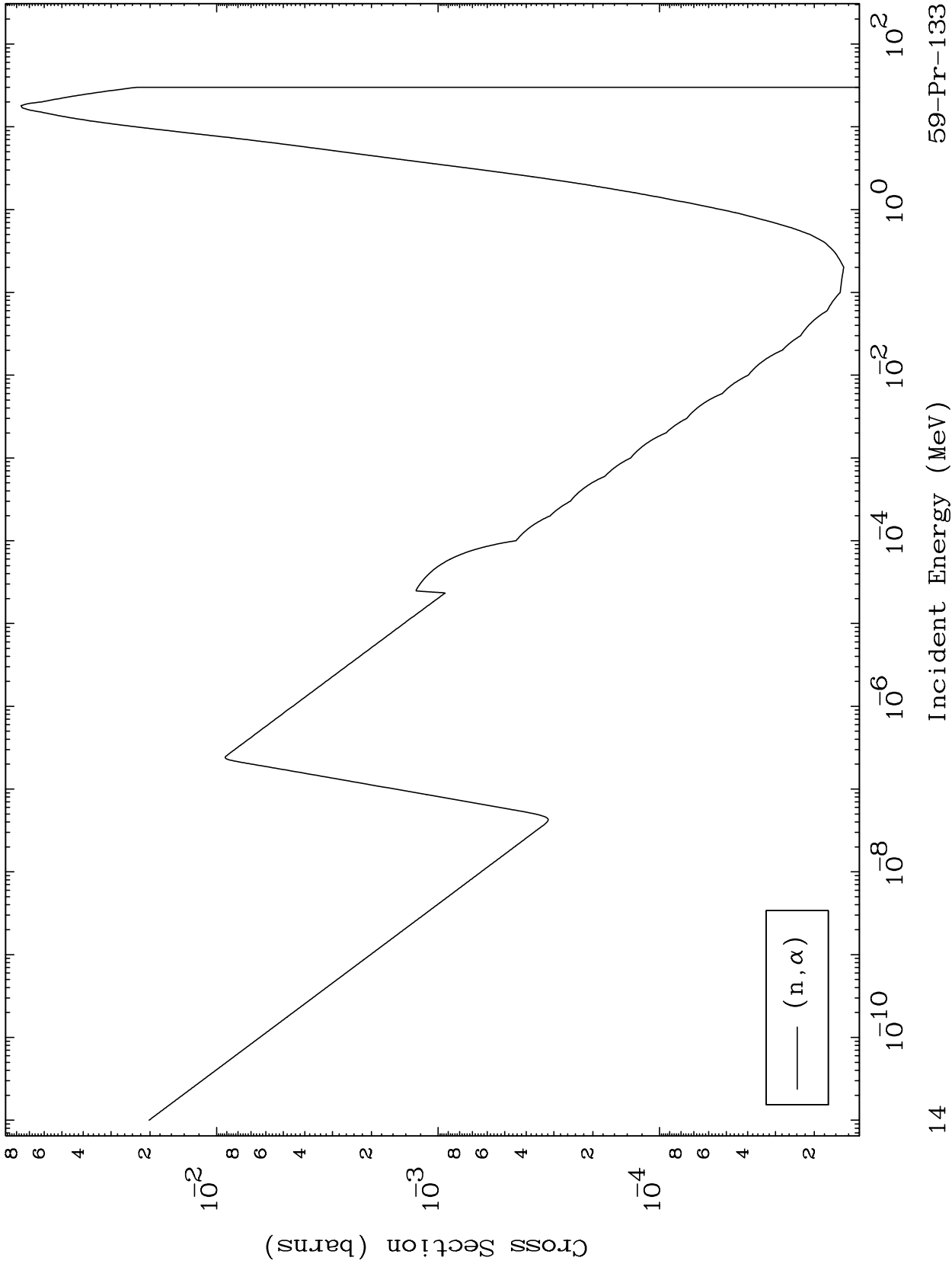
Incident Energy (MeV)

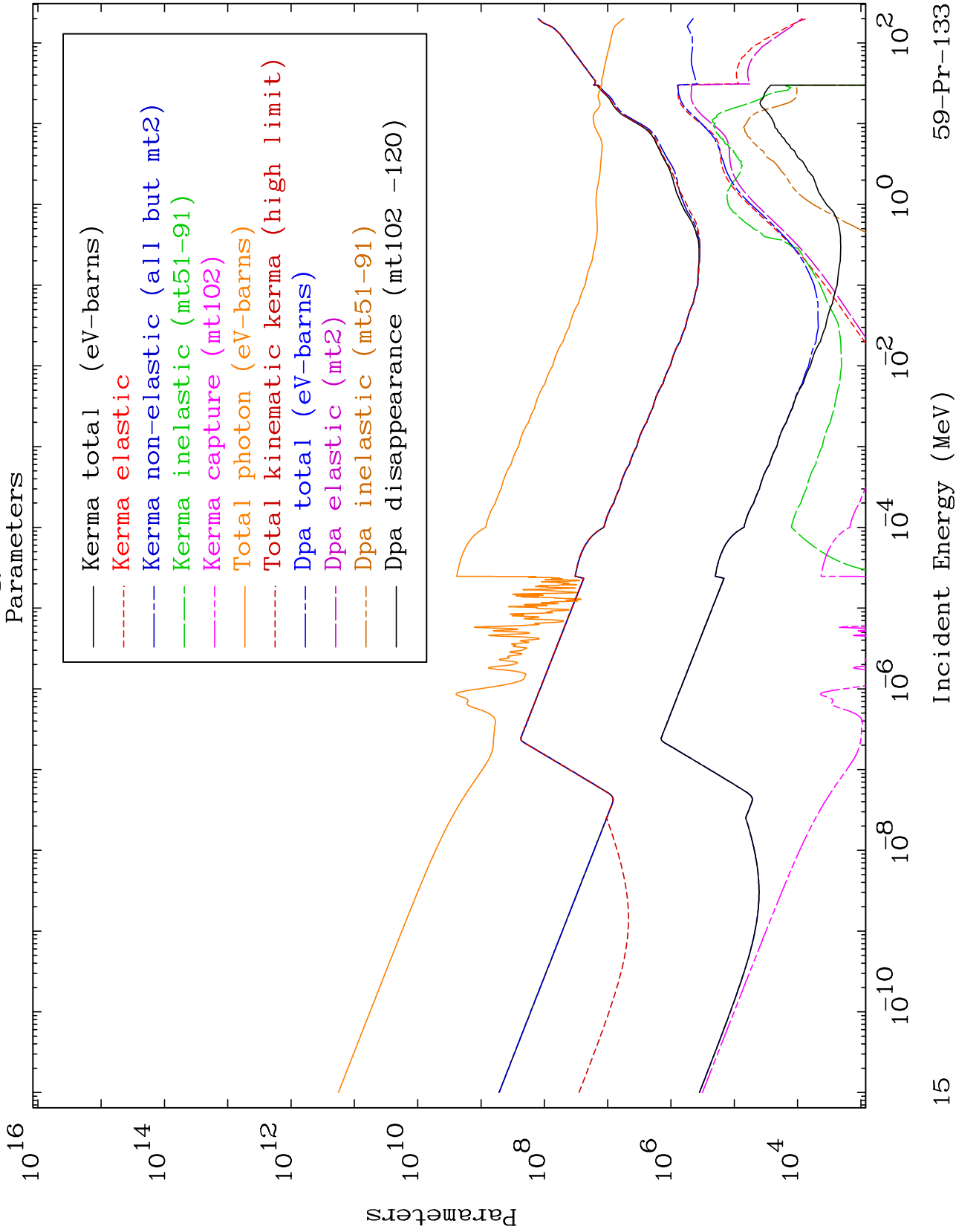
59-Pr-133

MAT 5902

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-133

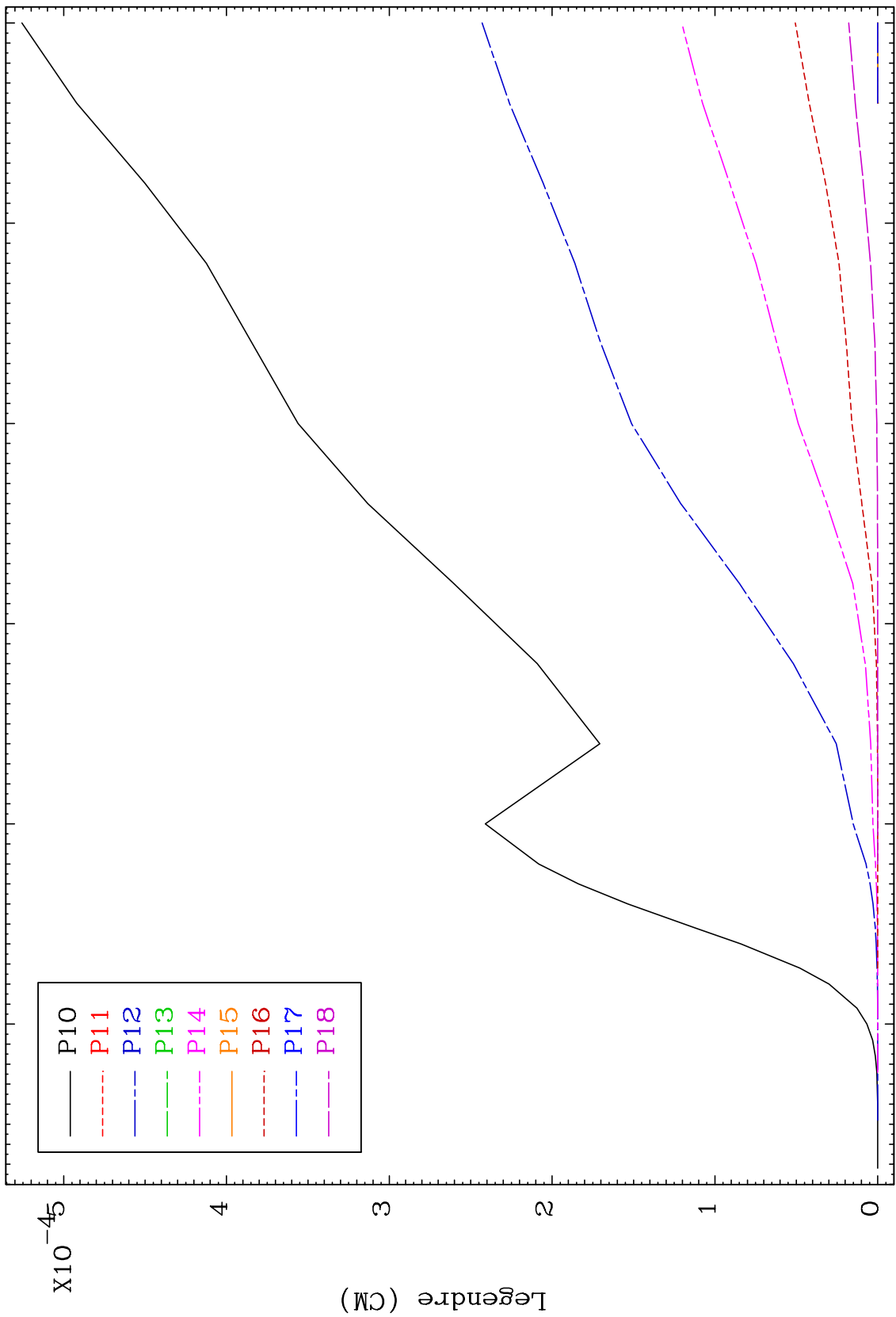




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Elastic Legendre Coefficients

59-Pr-133



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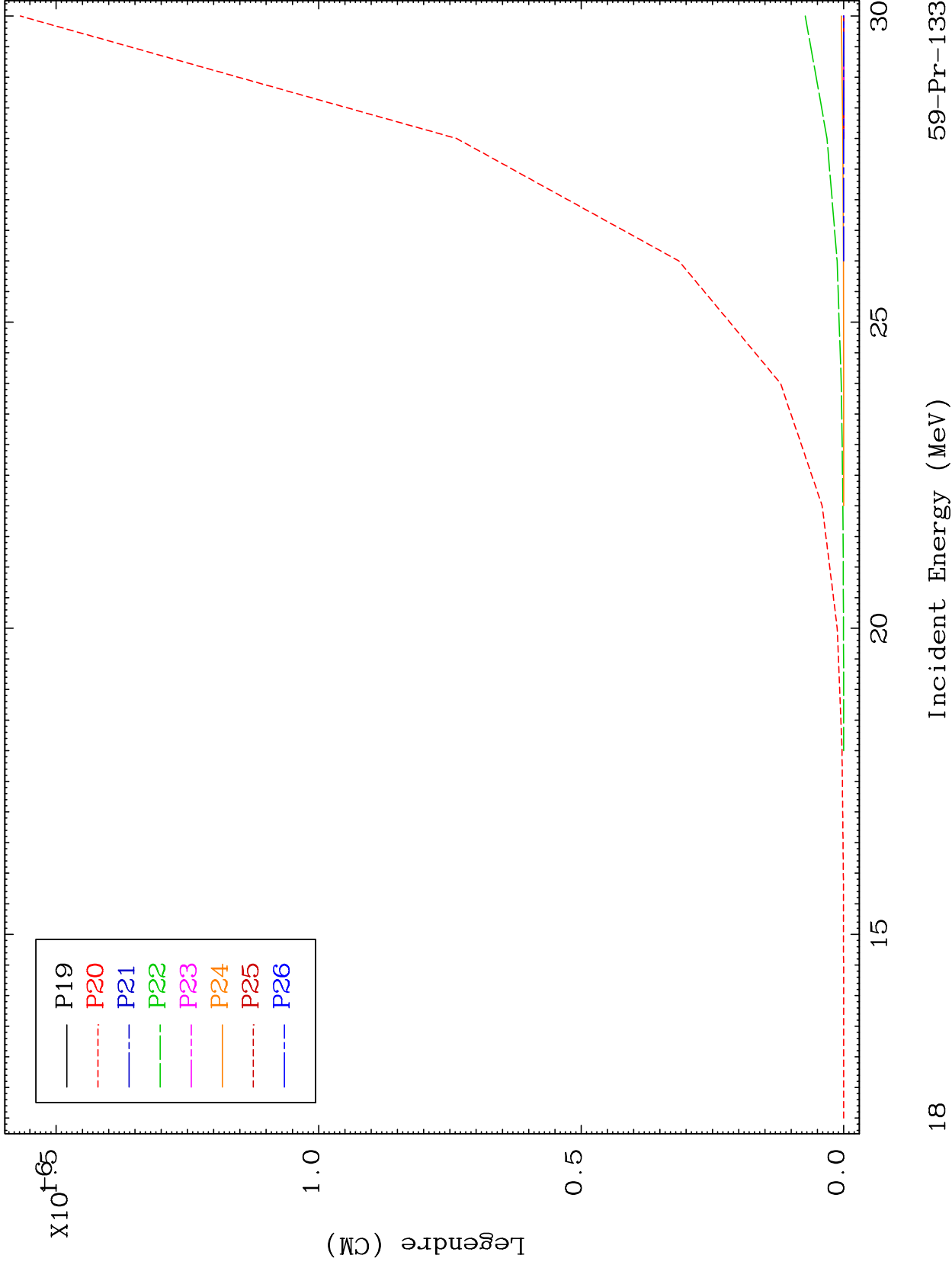
Incident Energy (MeV)

59-Pr-133

MAT 5902

Elastic Legendre Coefficients

59-Pr-133



18

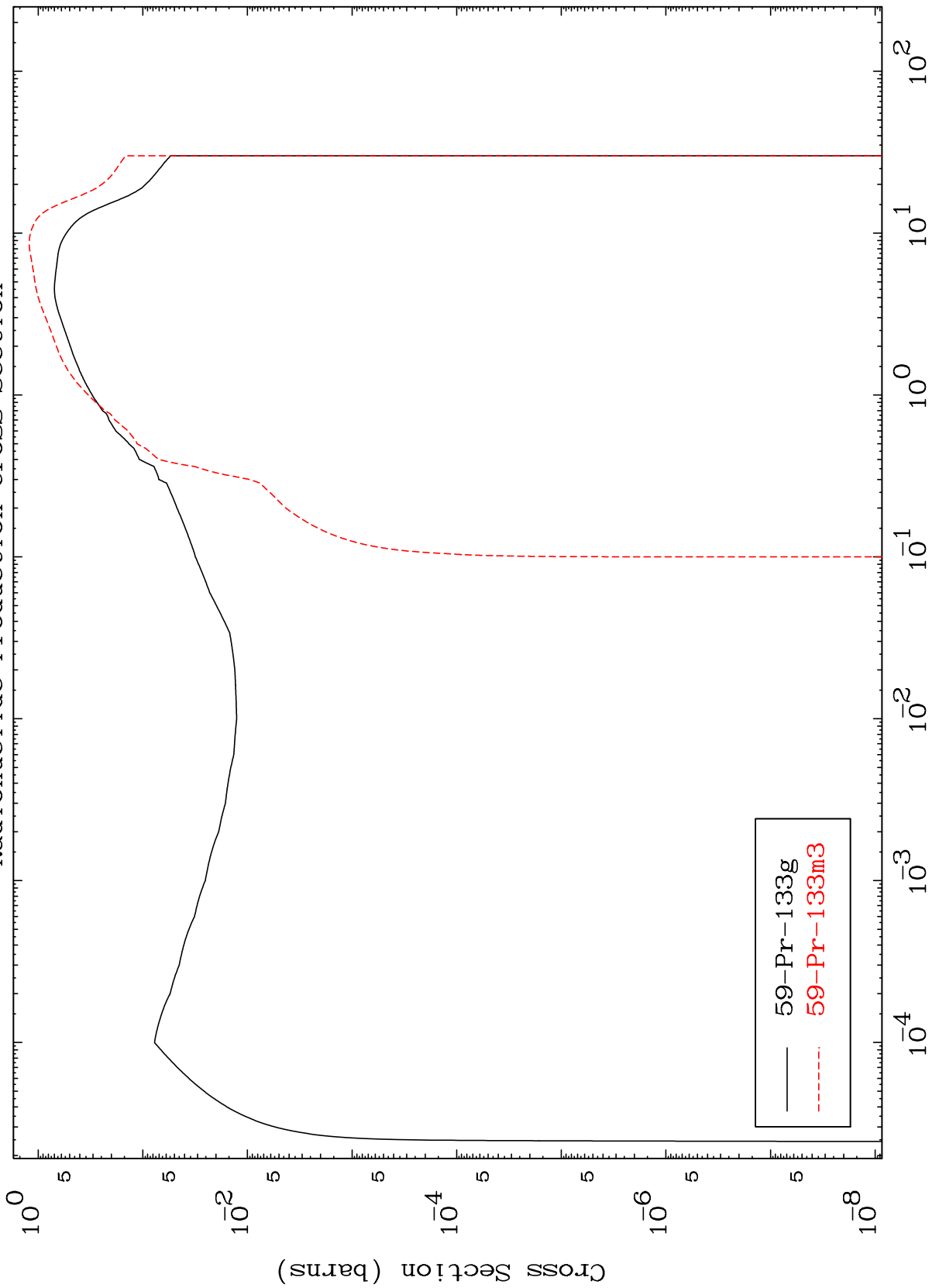
Incident Energy (MeV)

59-Pr-133

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59-Pr-133

Inelastic Radionuclide Production Cross Section



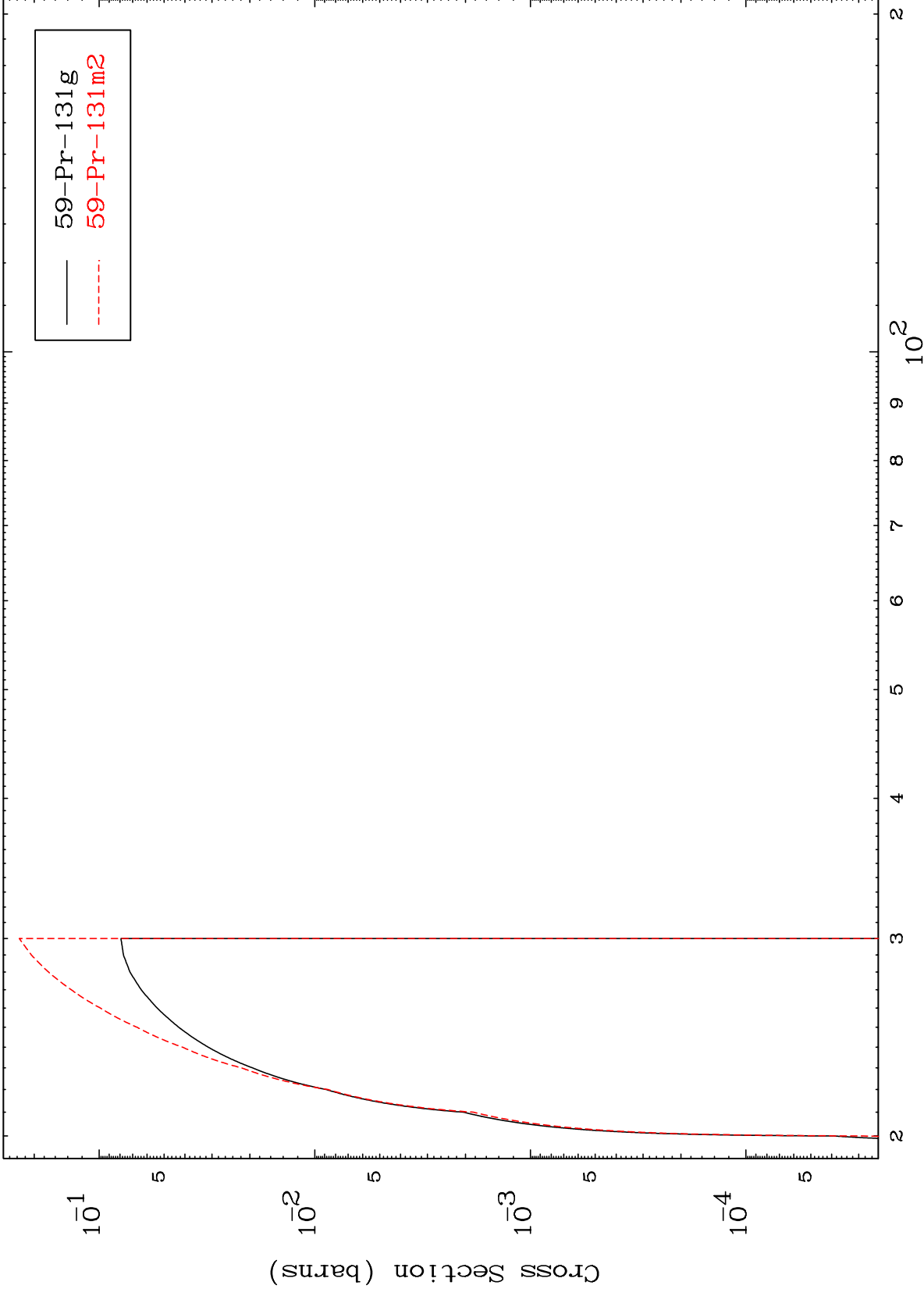
— 59-Pr-133g
- - - 59-Pr-133m3

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(n,3n)

59-Pr-133

Radionuclide Production Cross Section



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Incident Energy (MeV)

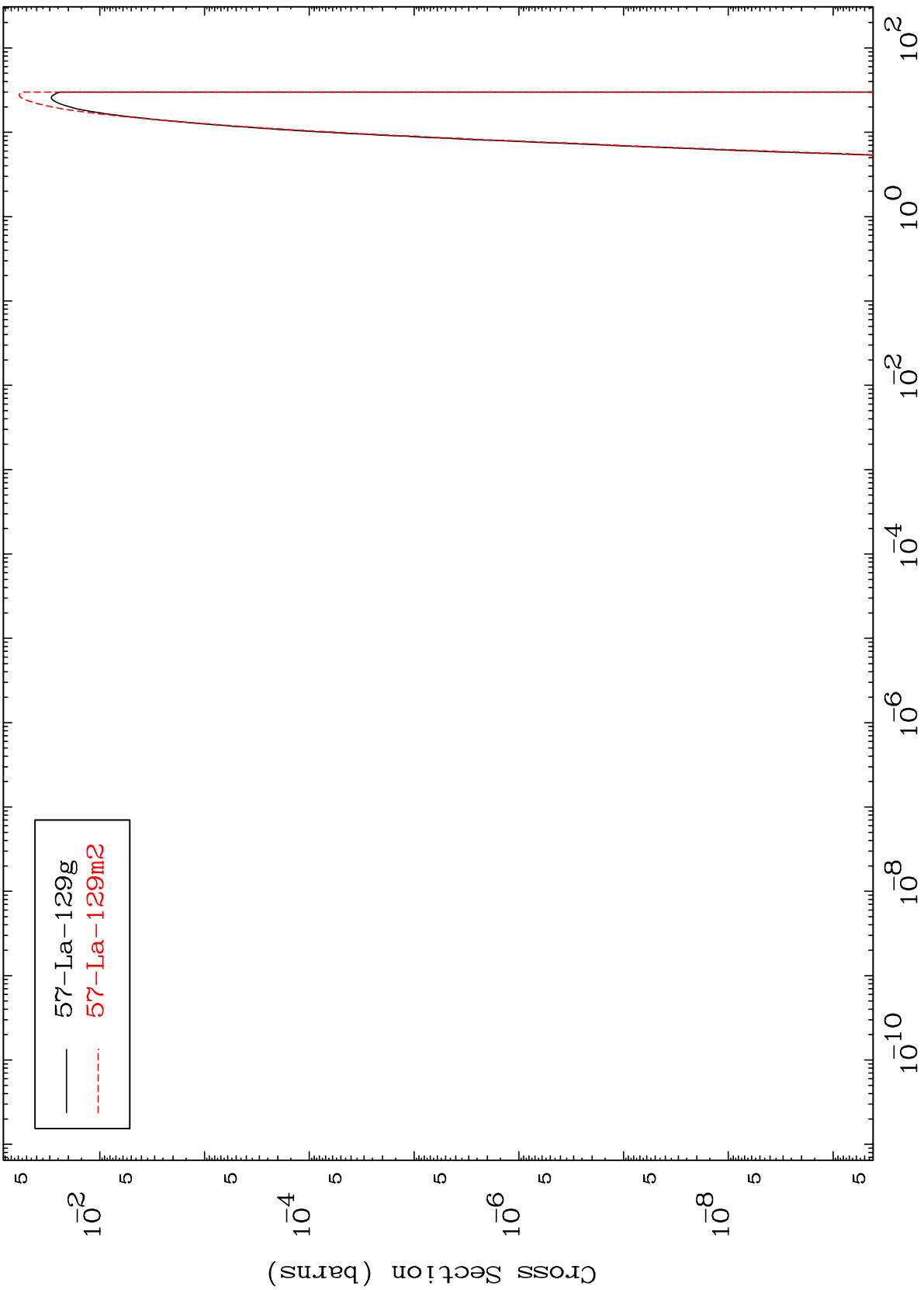
59-Pr-133

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$(n, n') \alpha$

59-Pr-133

Radionuclide Production Cross Section

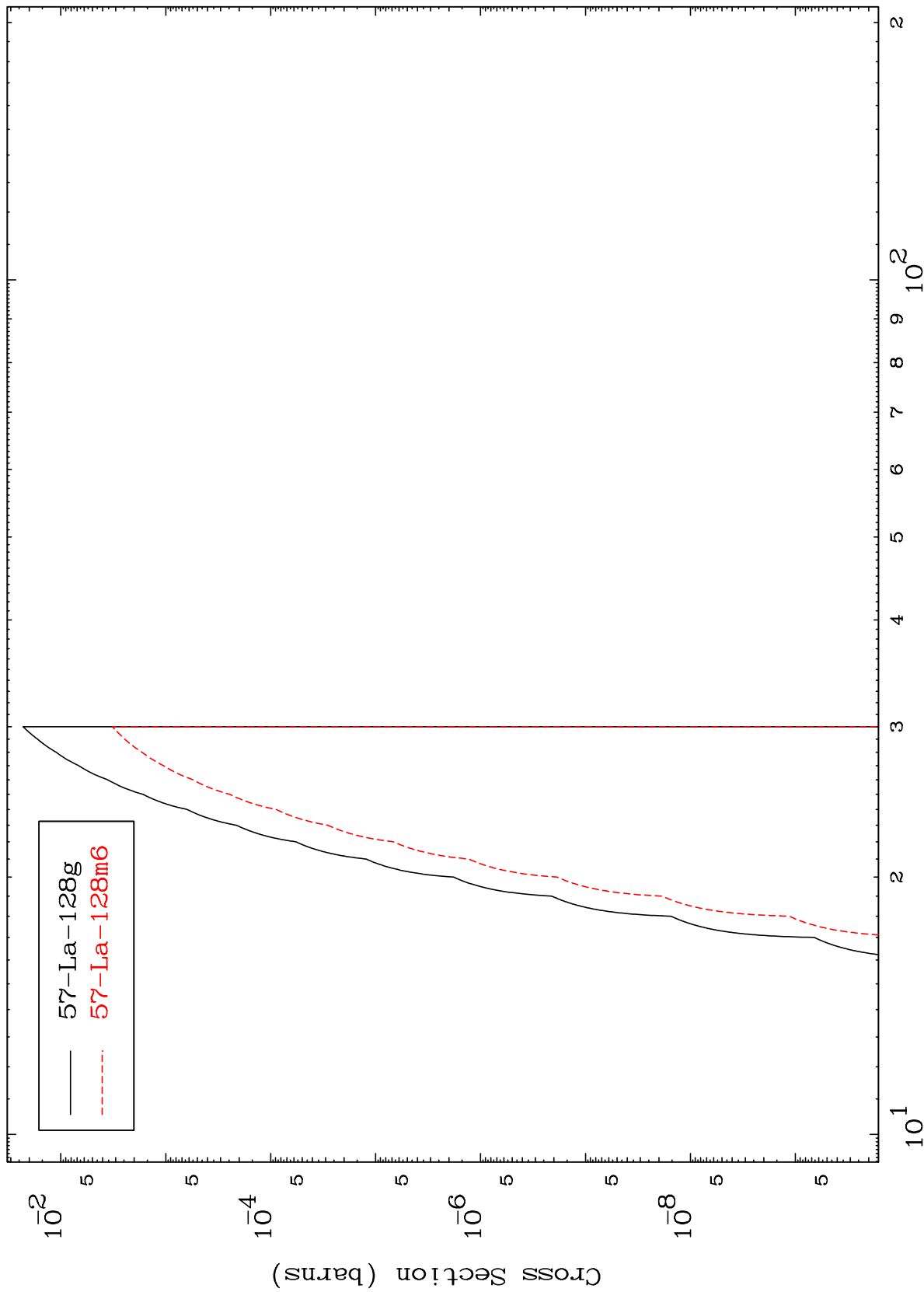


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(n,2n) α

59-Pr-133

Radionuclide Production Cross Section



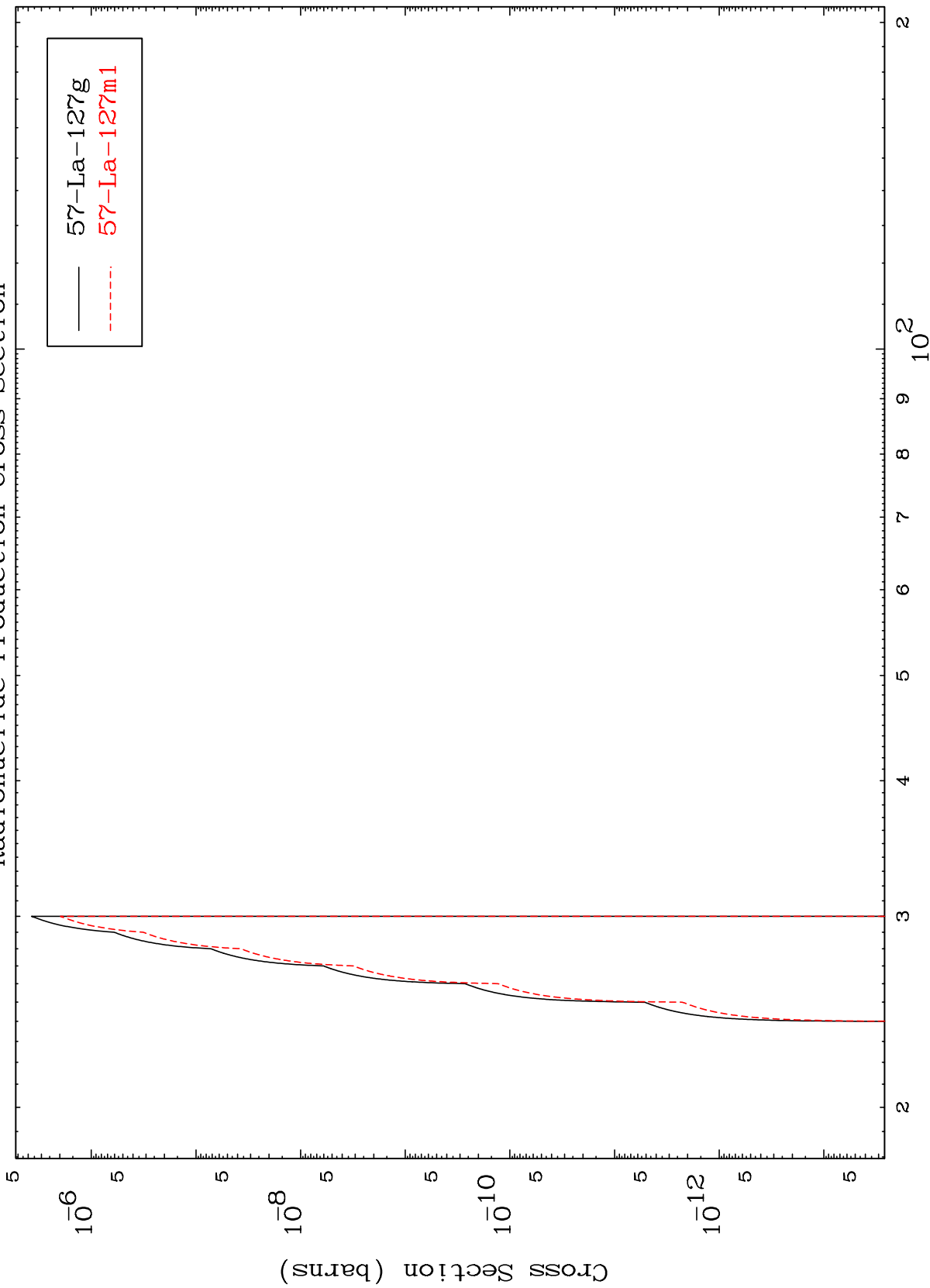
57-La-128g
57-La-128m6

22

Incident Energy (MeV)

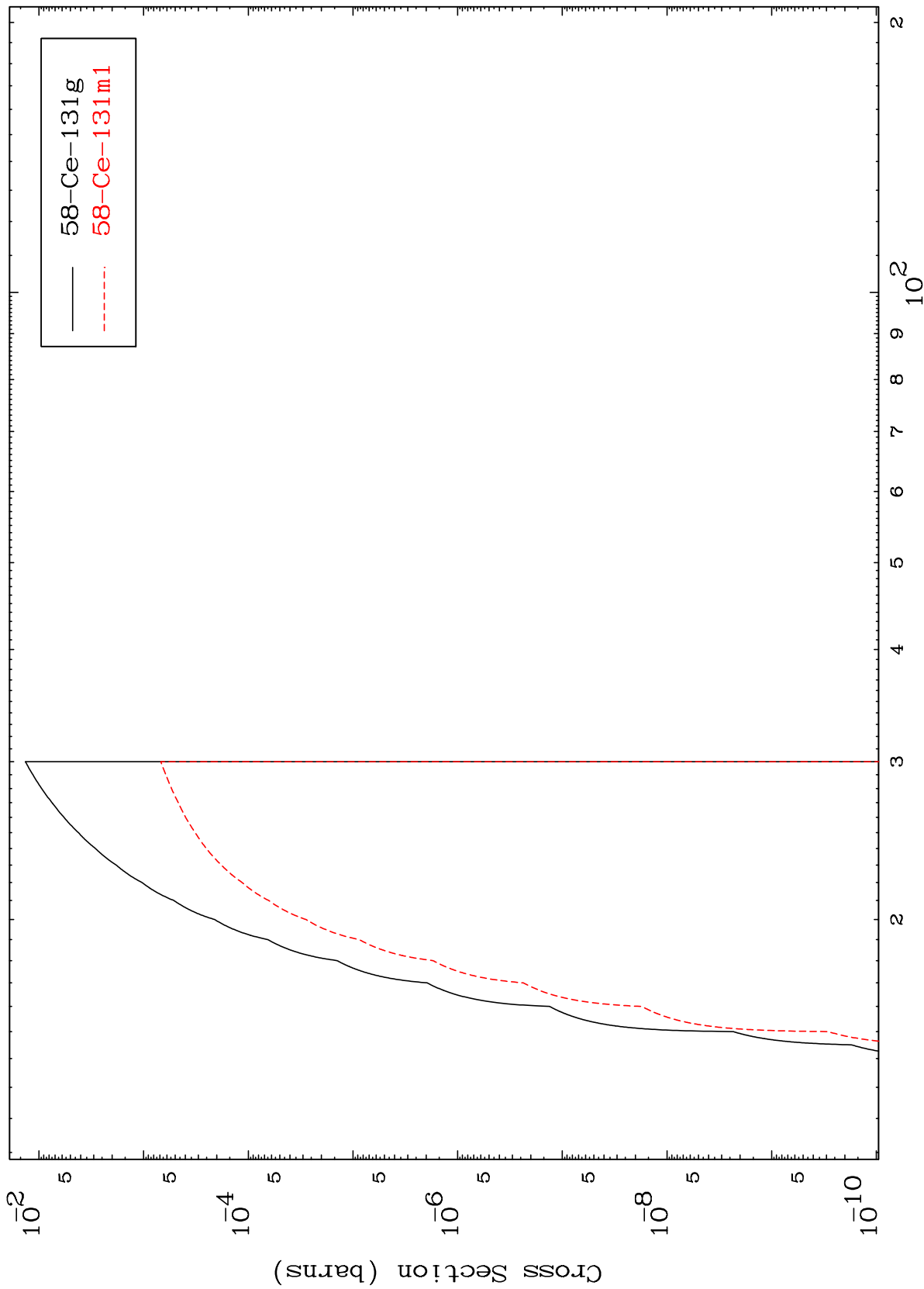
59-Pr-133

Radionuclide Production Cross Section

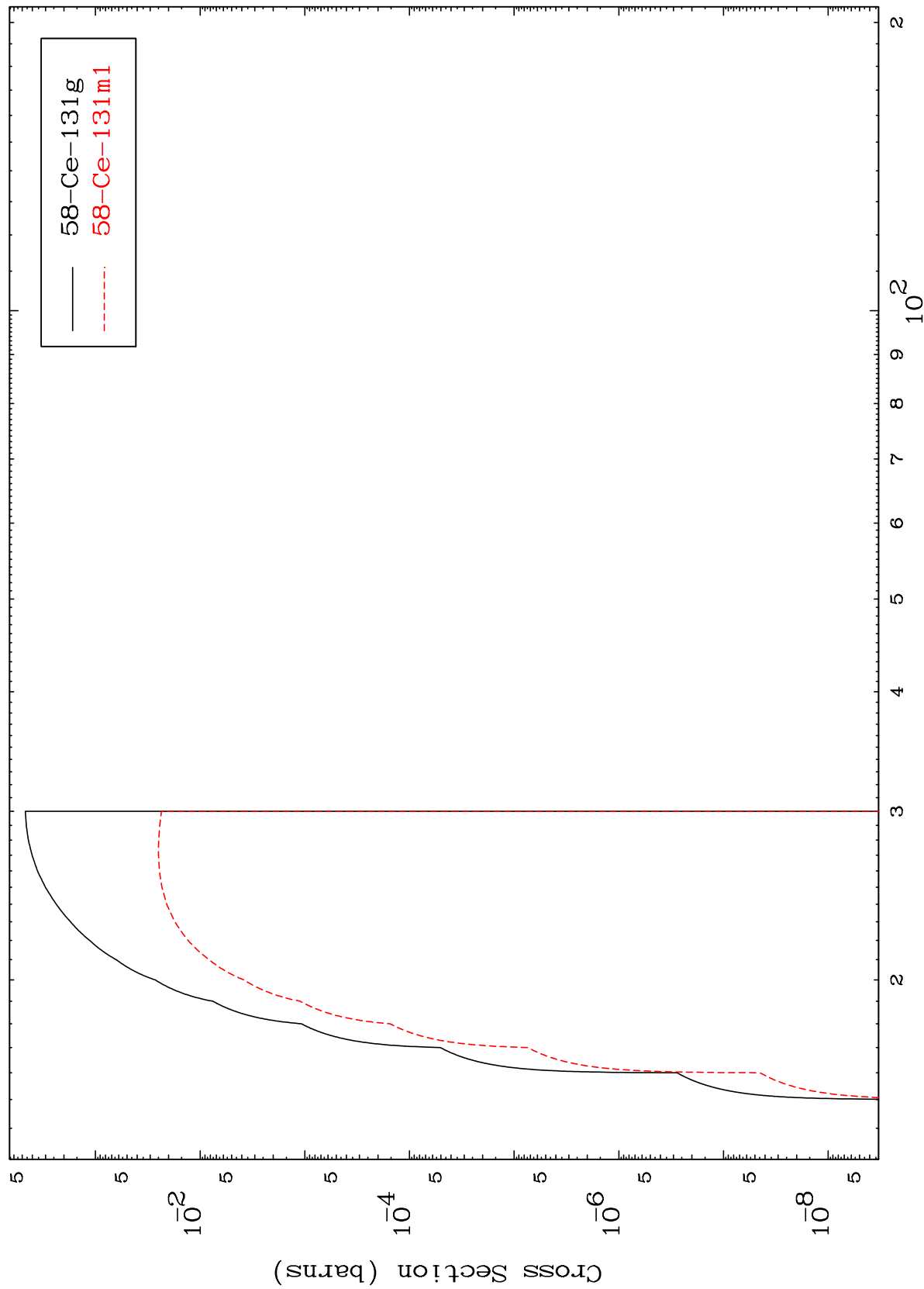


57-La-127g
57-La-127m1

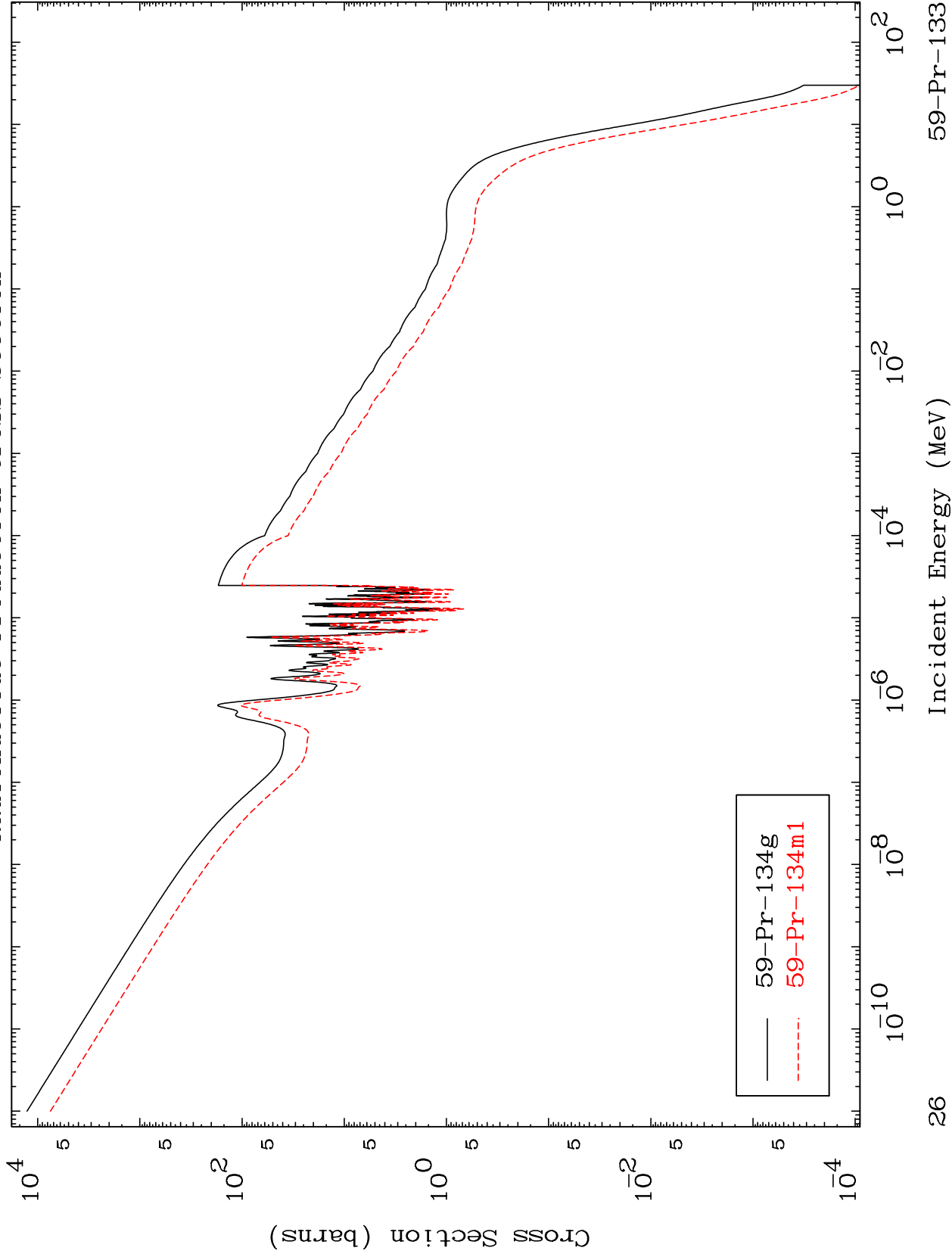
Radionuclide Production Cross Section

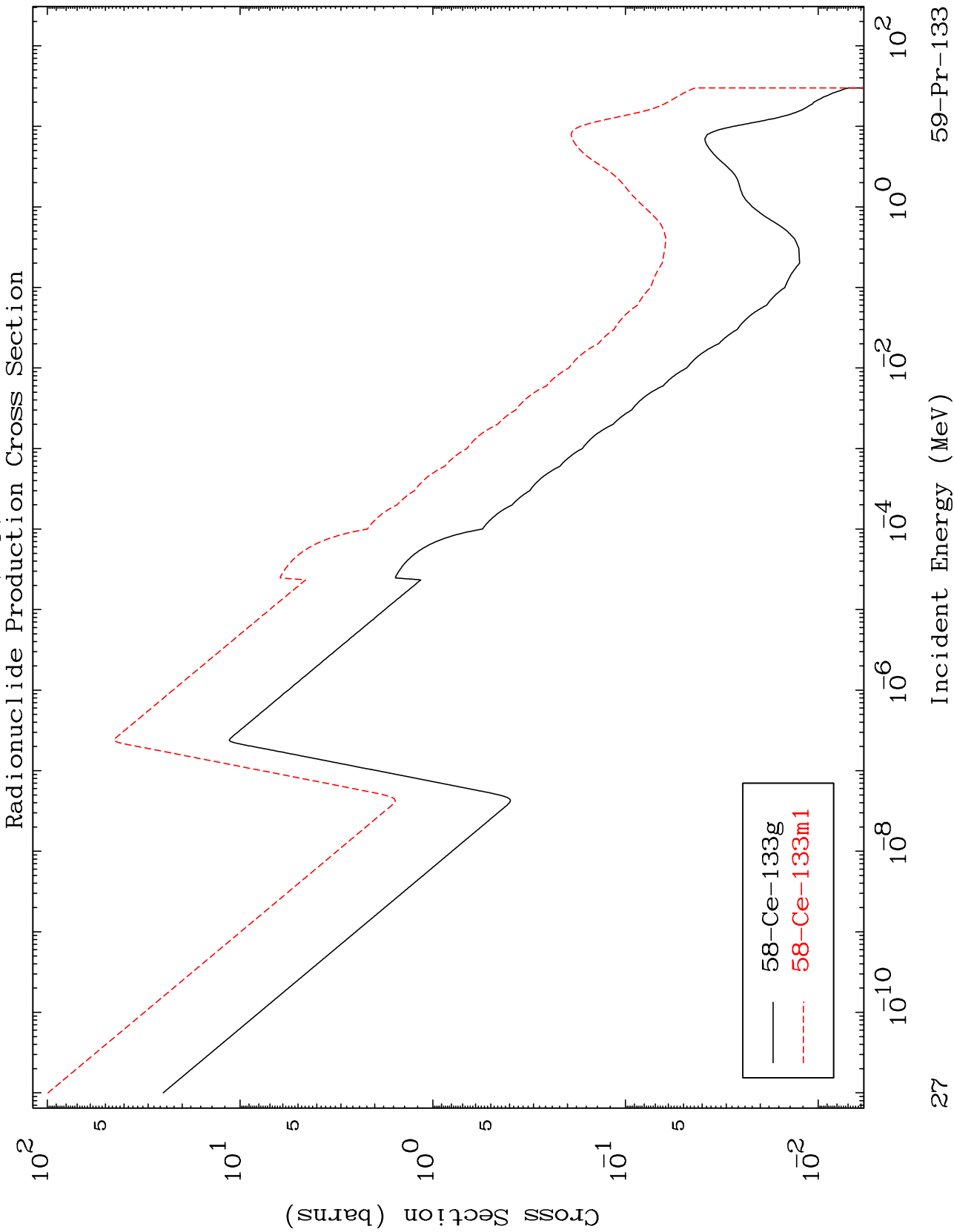


Radionuclide Production Cross Section



(n,γ)
Radionuclide Production Cross Section

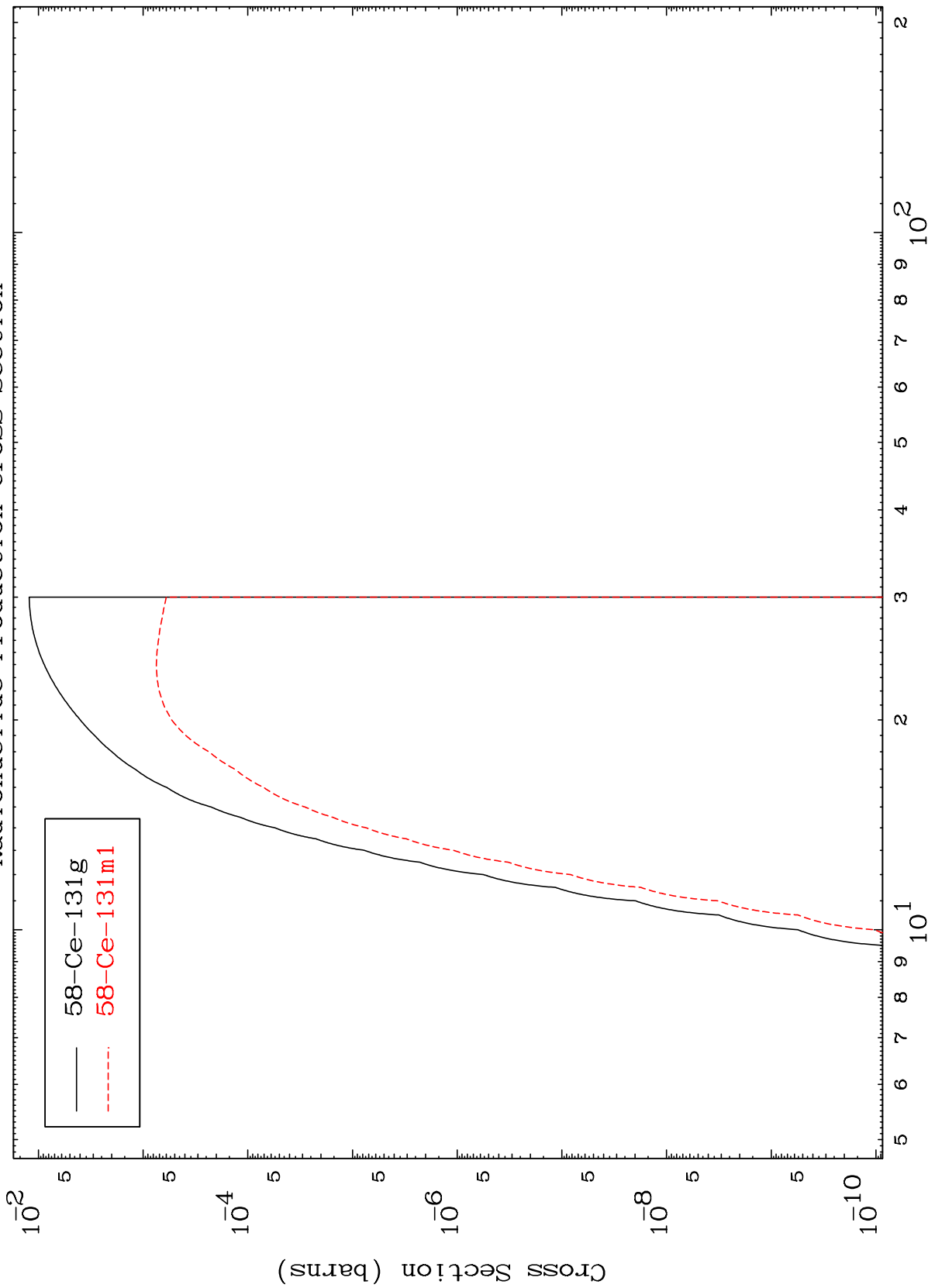




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59-Pr-133

(n, t)
Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

59-Pr-133

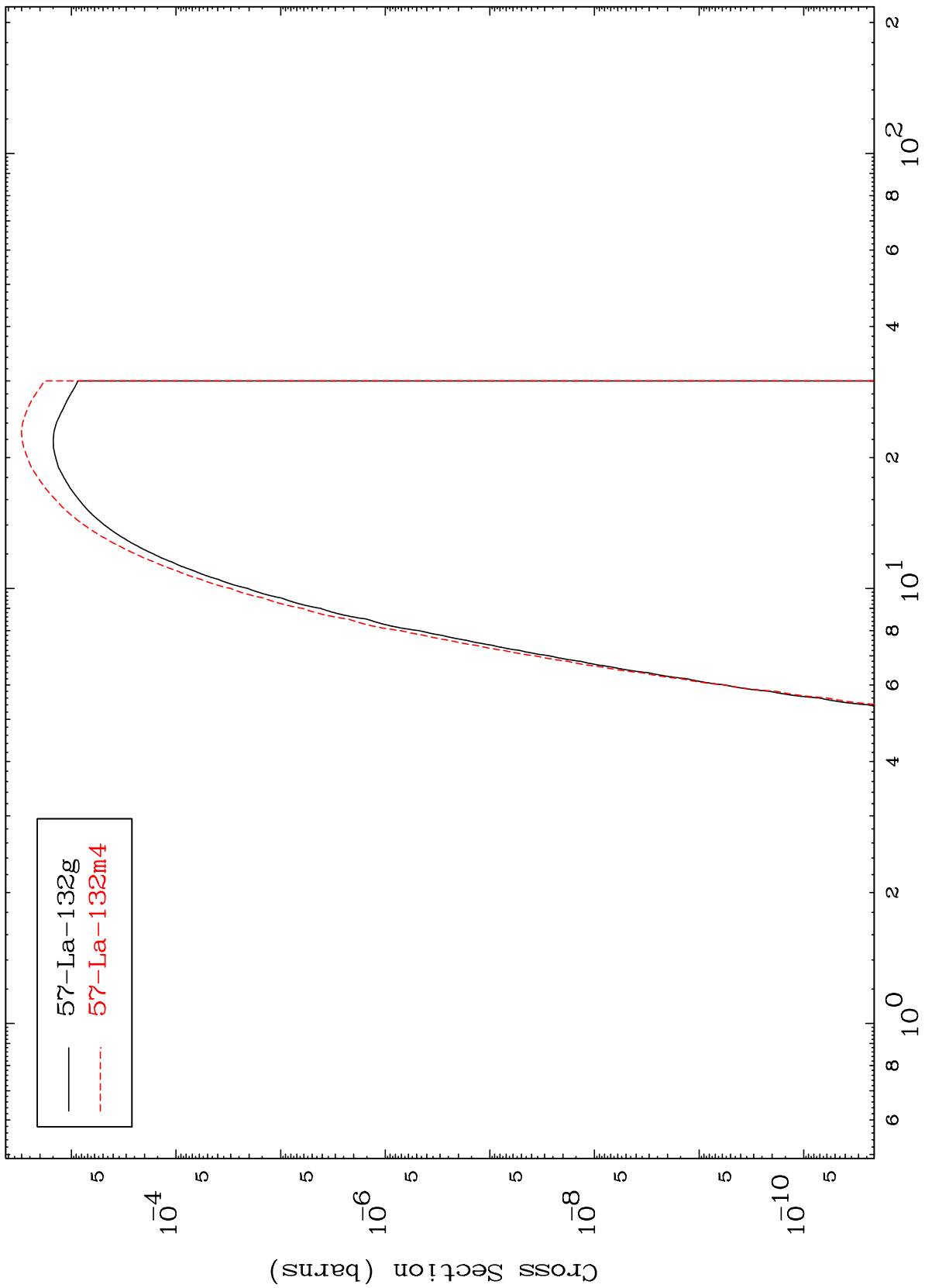
Incident Energy (MeV)

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MAT 5902

59-Pr-133

(n,2p)
Radionuclide Production Cross Section



— 57-La-132g
- - - 57-La-132m4

29

Incident Energy (MeV)

59-Pr-133

MAT 5902

(n,p) α

59-Pr-133

Radionuclide Production Cross Section

