

Program EVALPLOT
(Version 2015-2)

by

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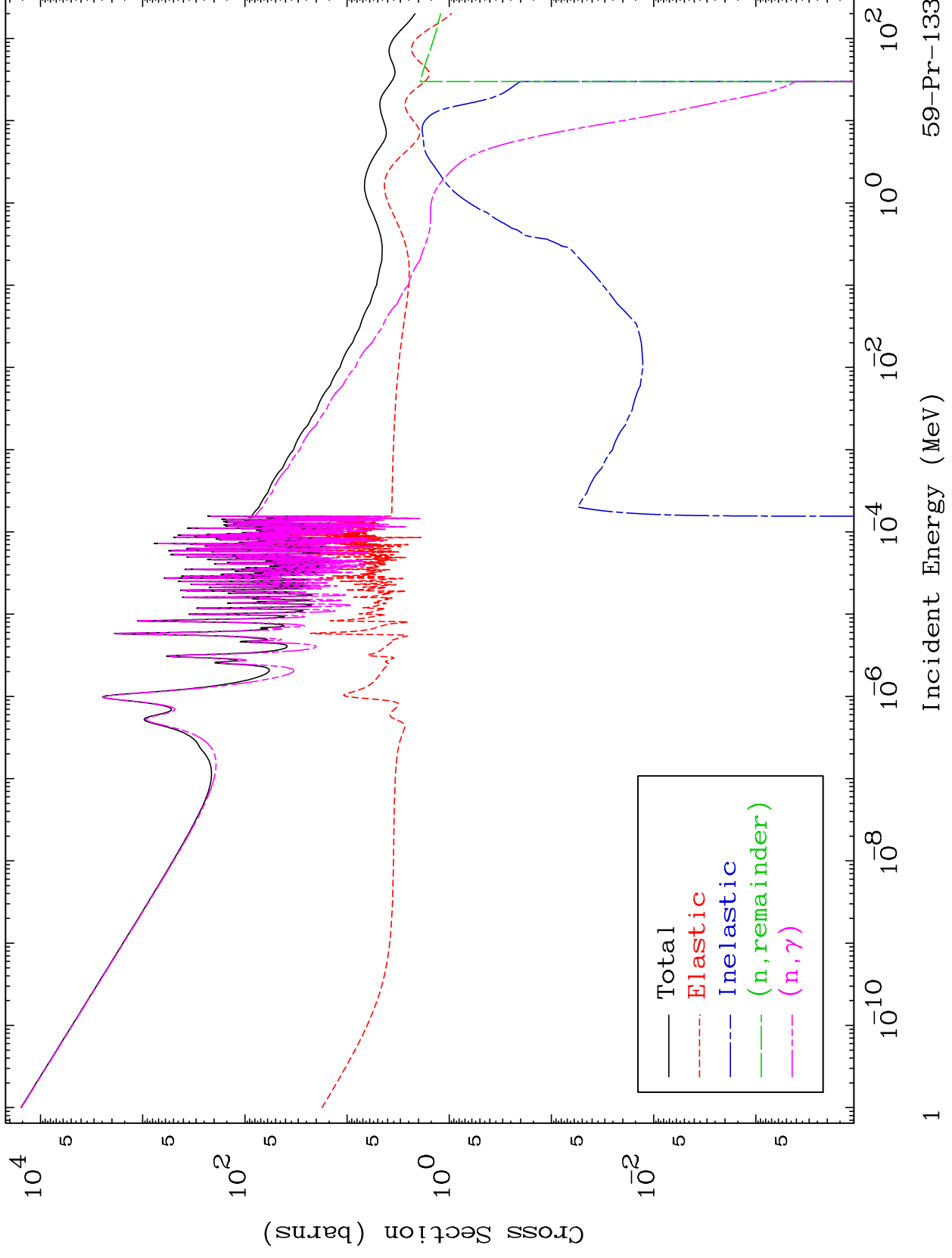
Press Mouse Button to Start

MAT 5902

Major

293 Kelvin Cross Sections

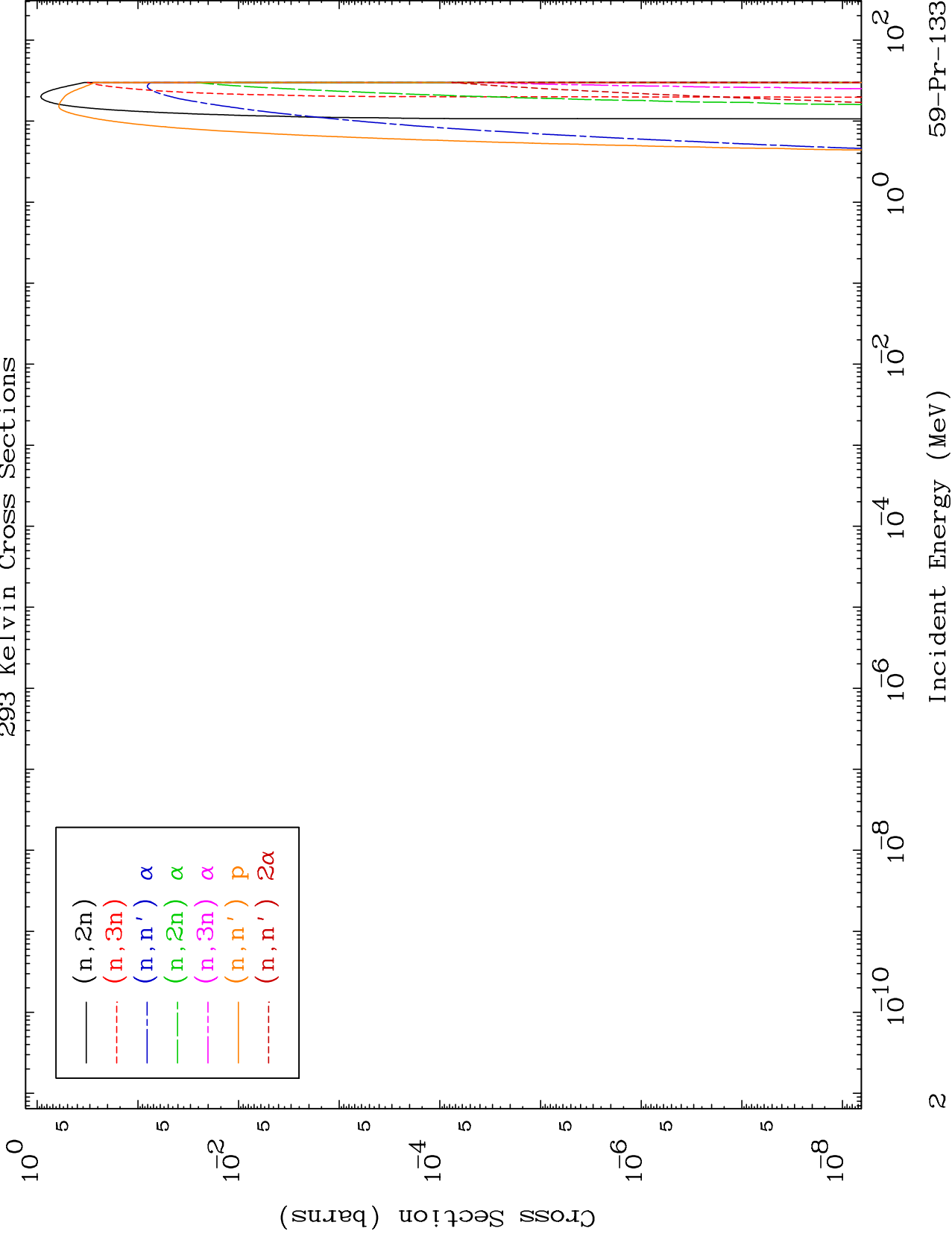
59-Pr-133

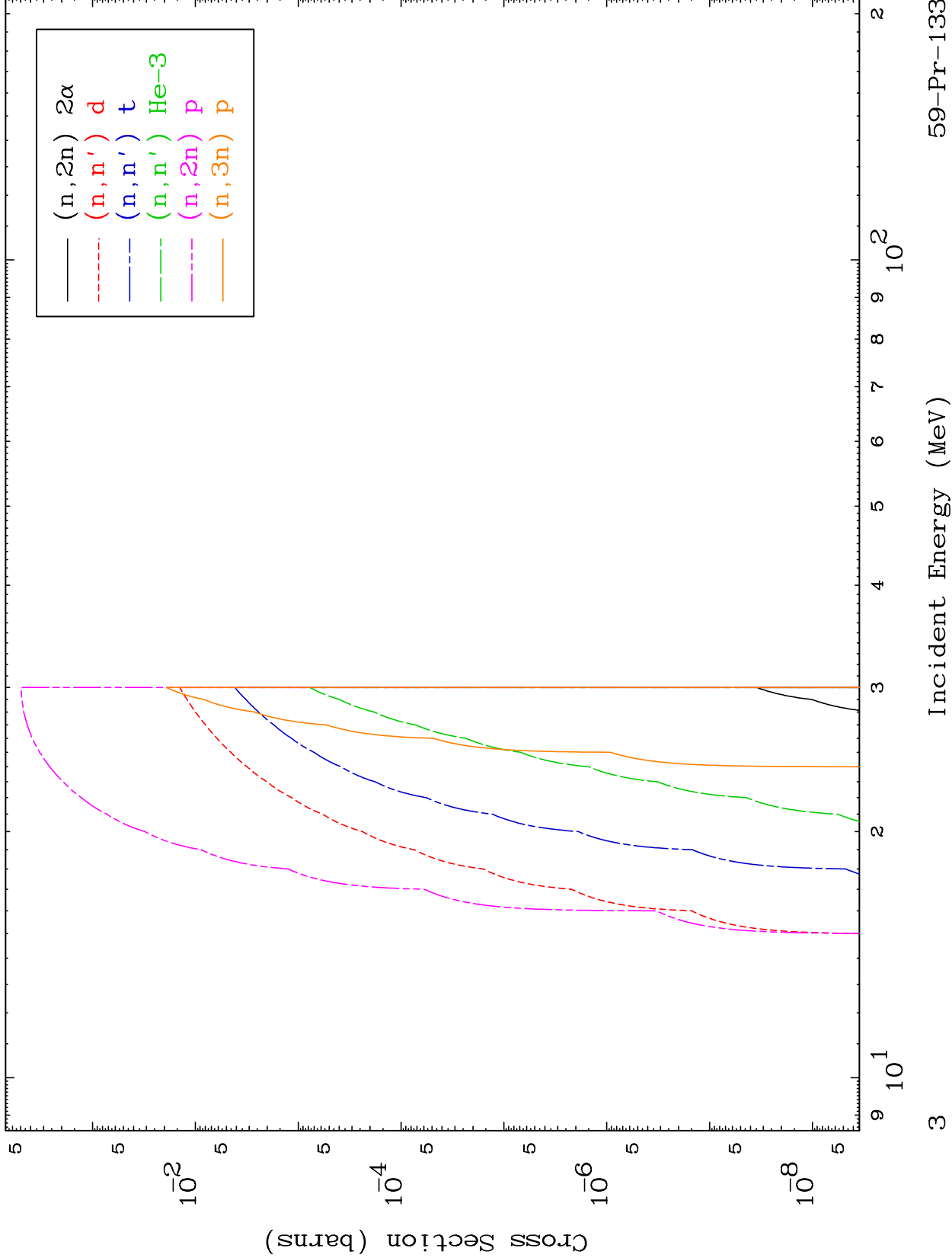


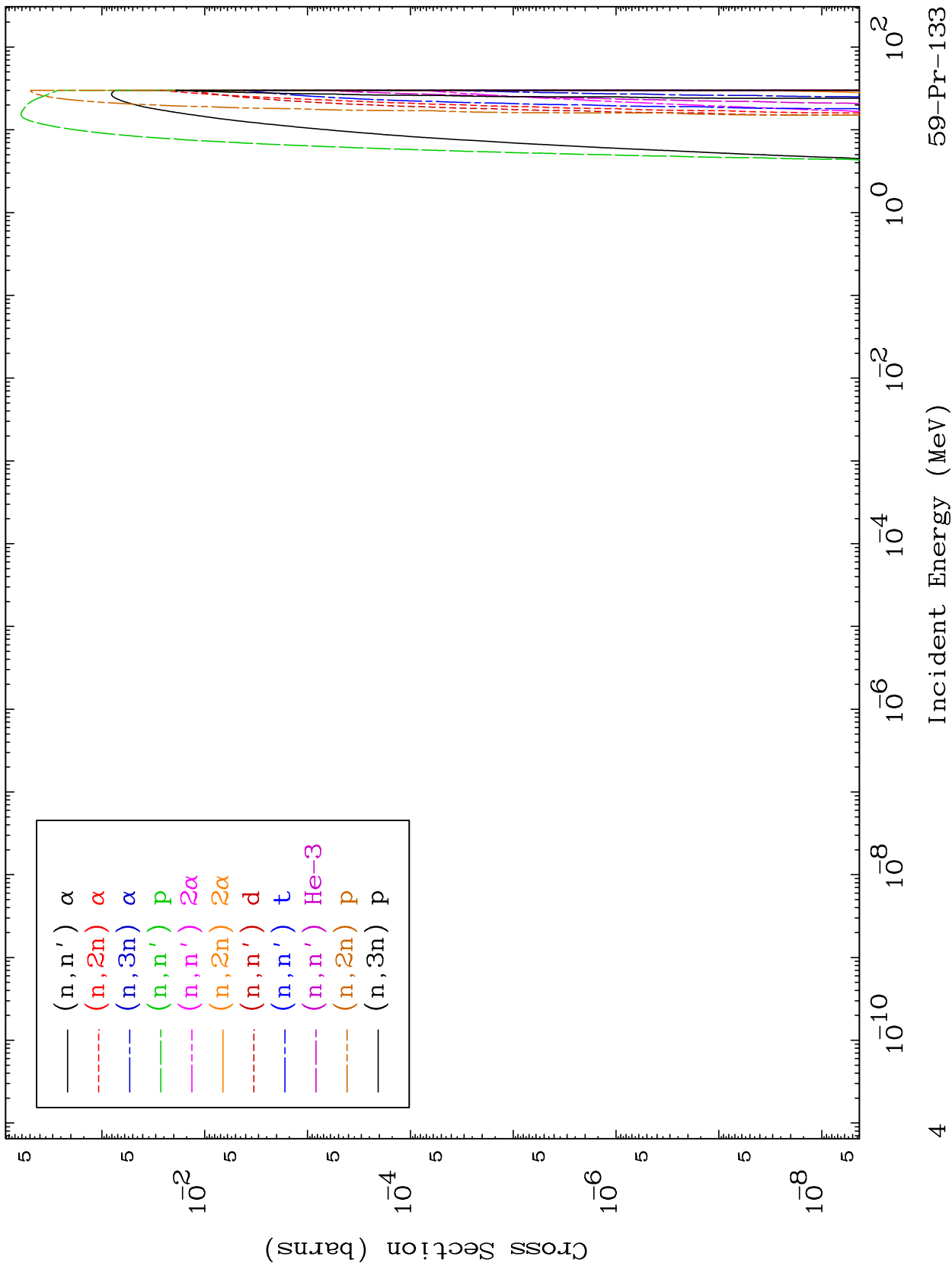
MAT 5902

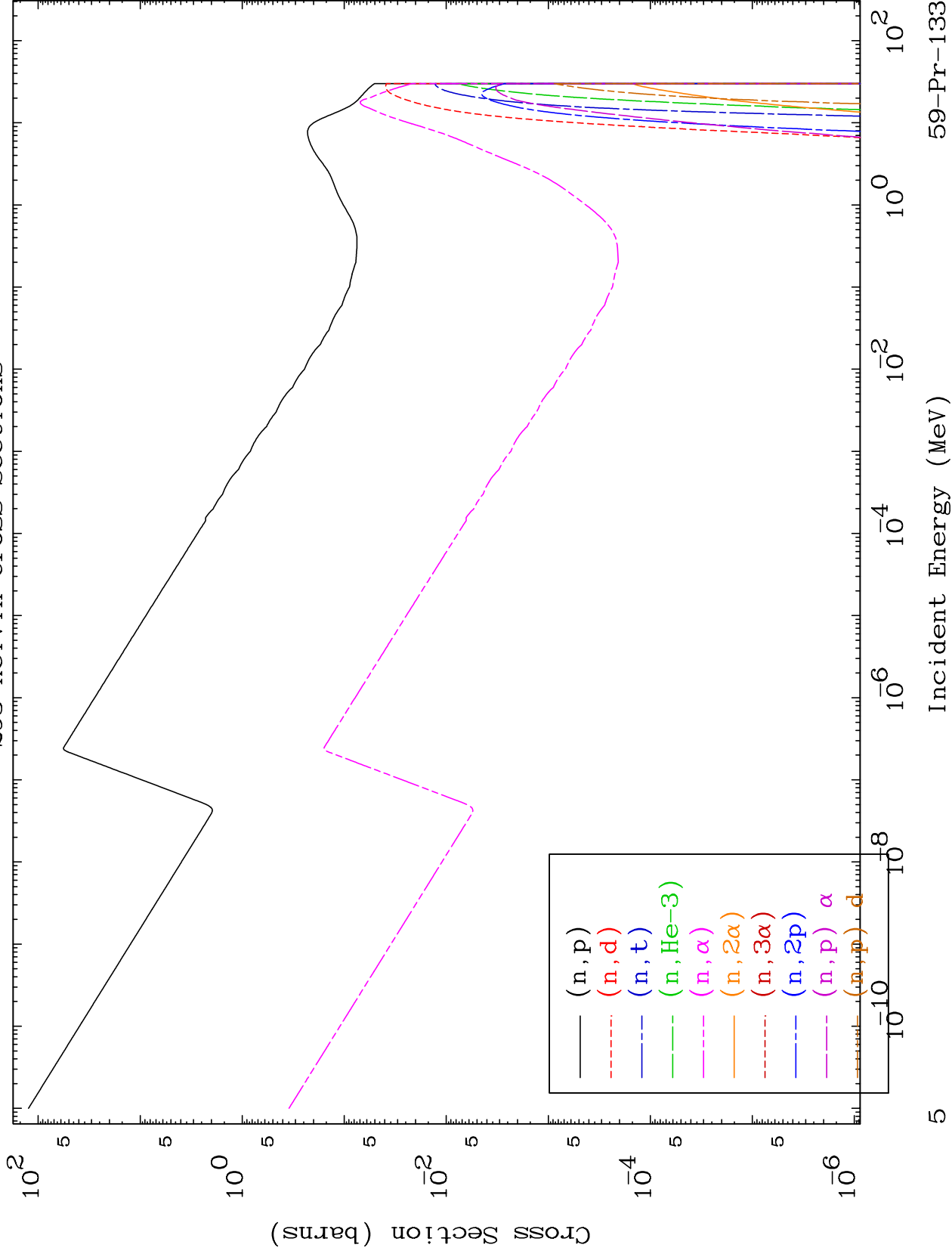
Neutron Production
293 Kelvin Cross Sections

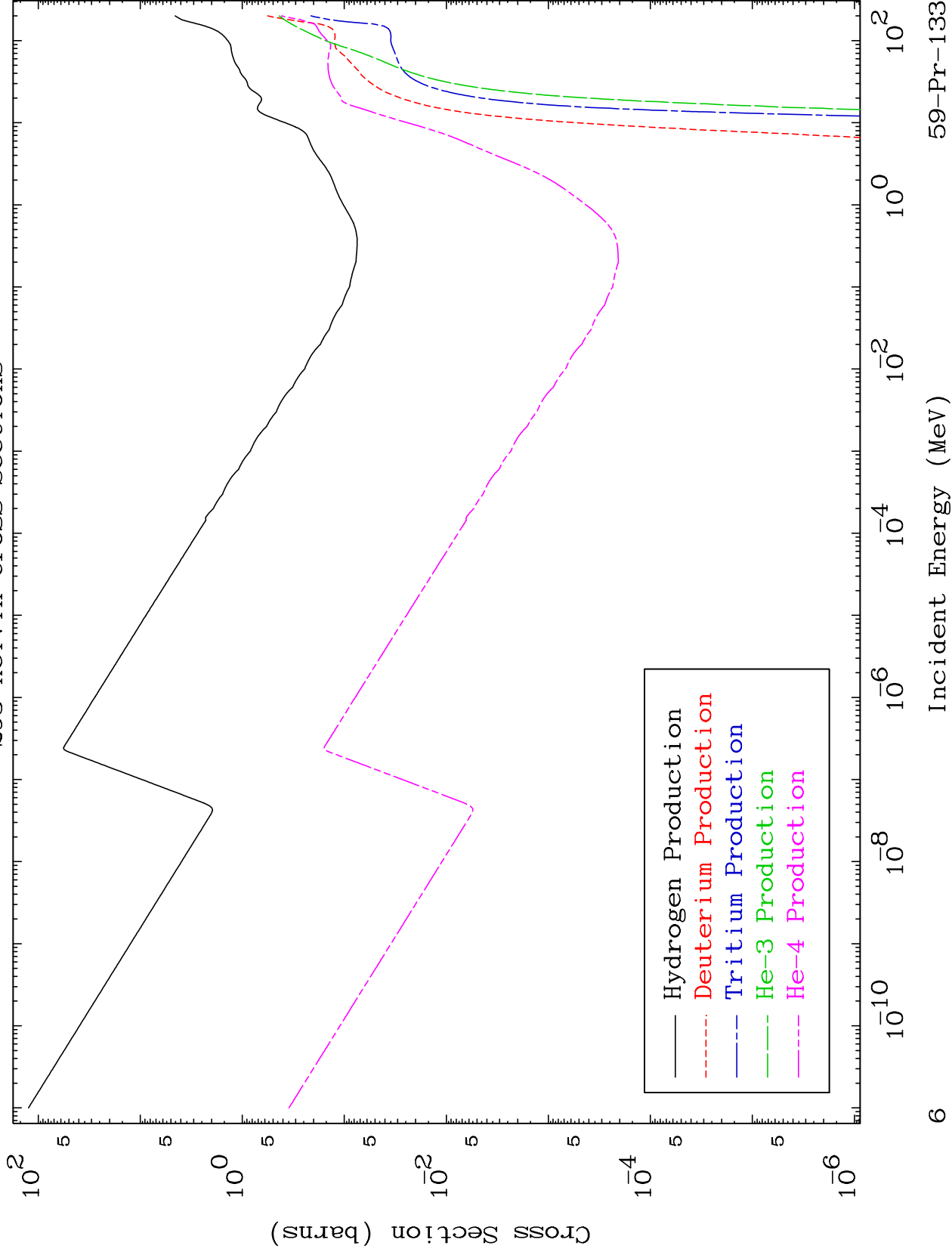
59-Pr-133







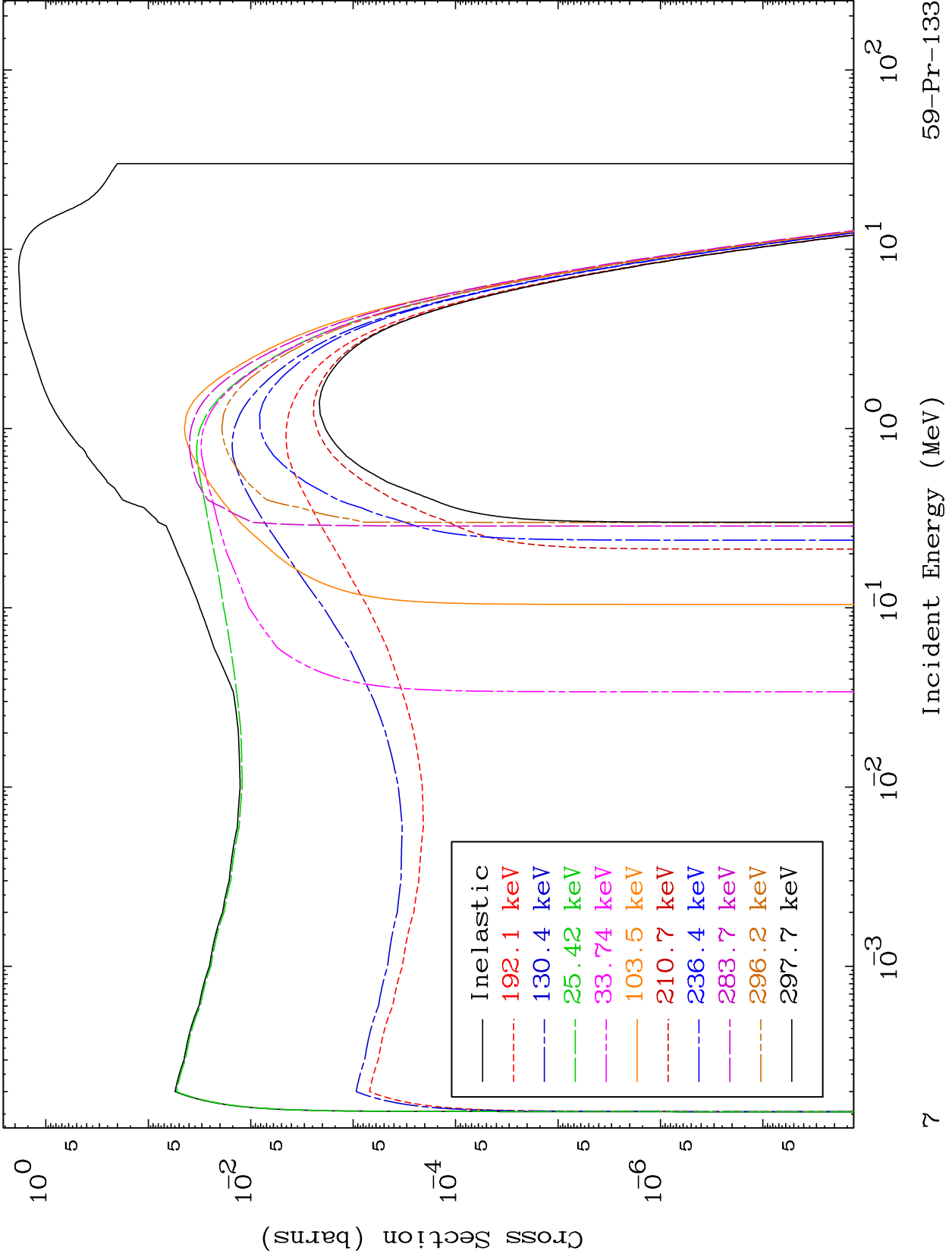




MAT 5902

(n,n') Level
293 Kelvin Cross Sections

59-Pr-133

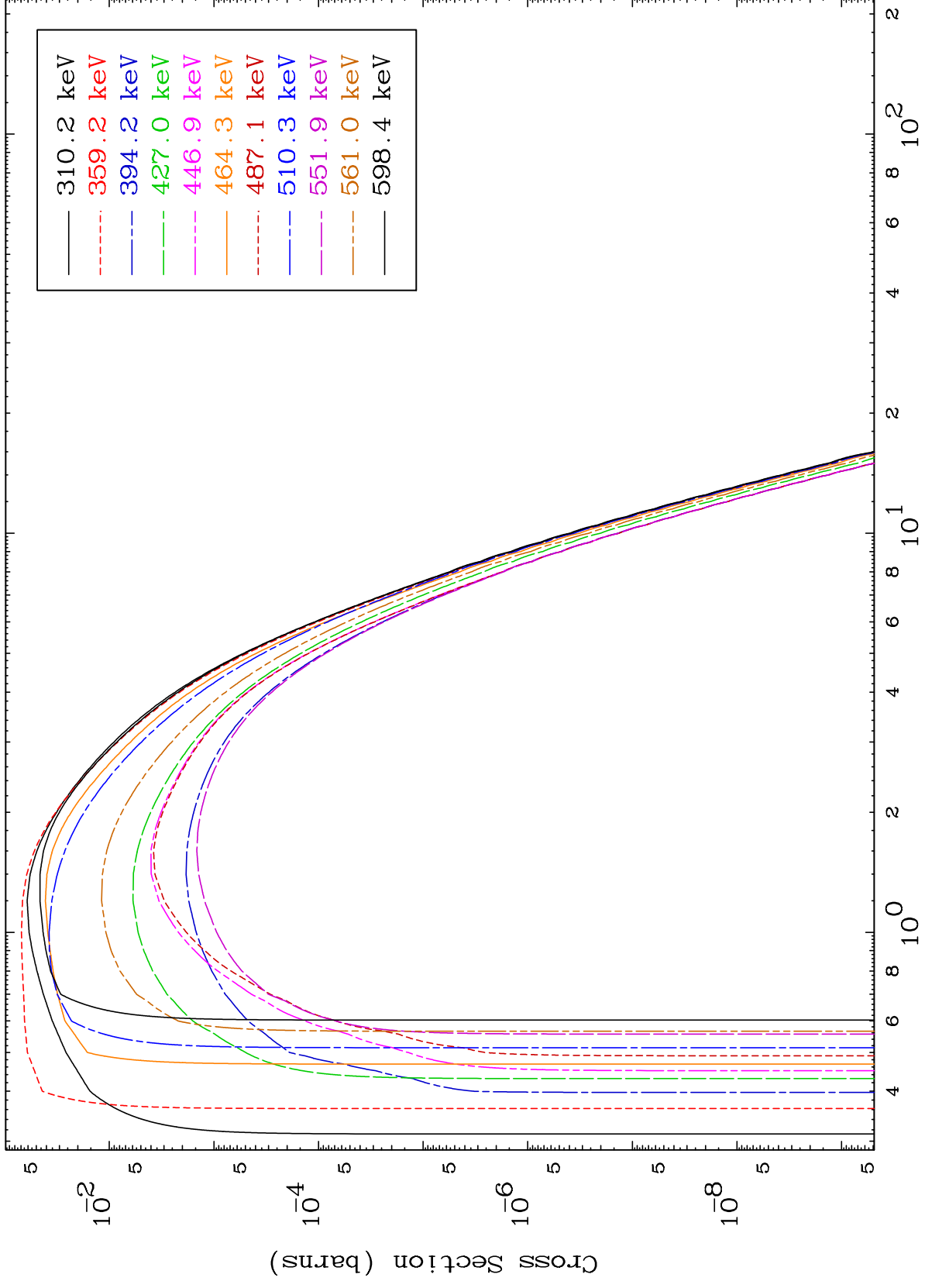


MAT 5902

(n,n') Level

59-Pr-133

293 Kelvin Cross Sections



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Incident Energy (MeV)

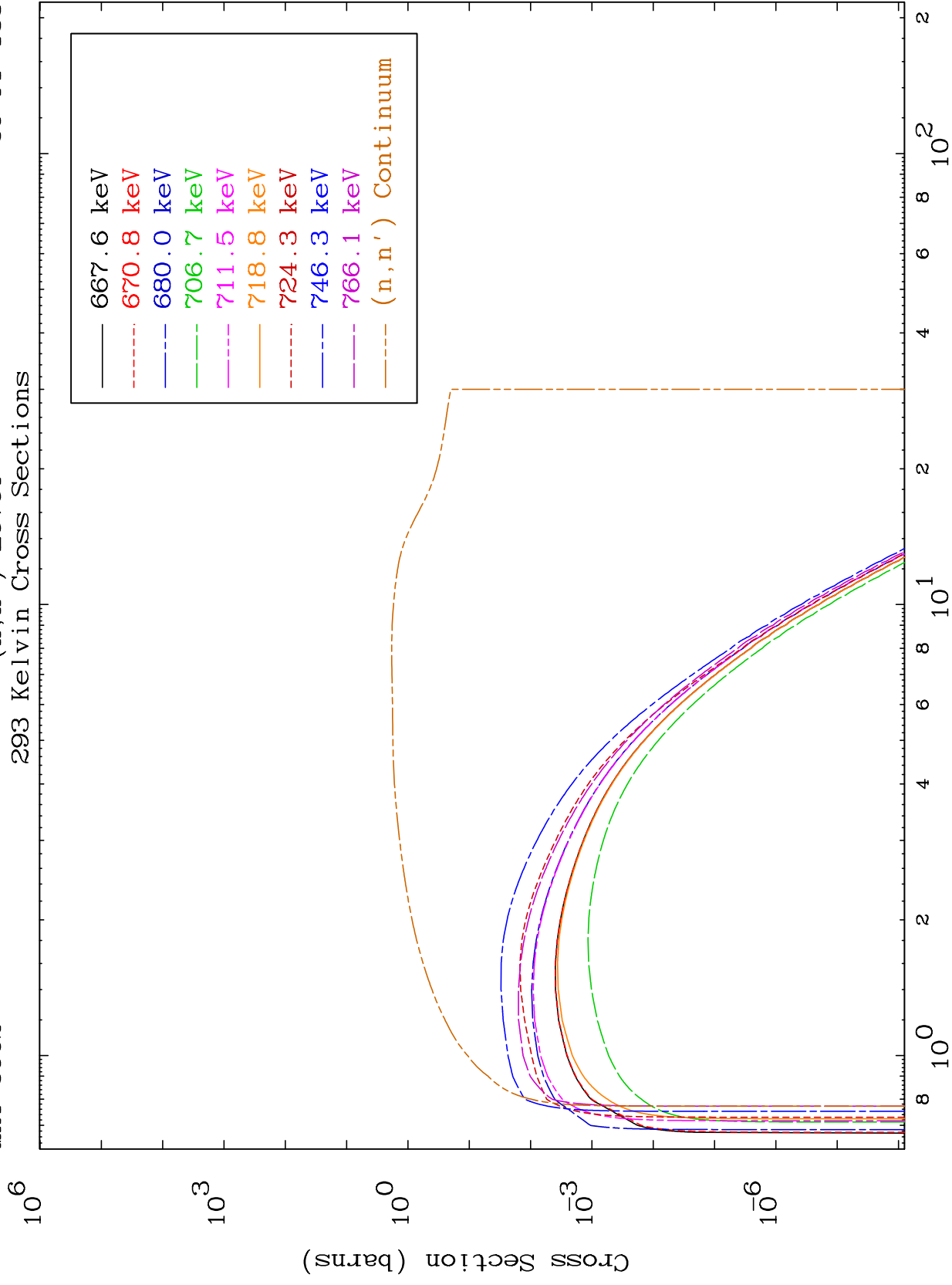
59-Pr-133

MAT 5902

(n,n') Level

59-Pr-133

293 Kelvin Cross Sections



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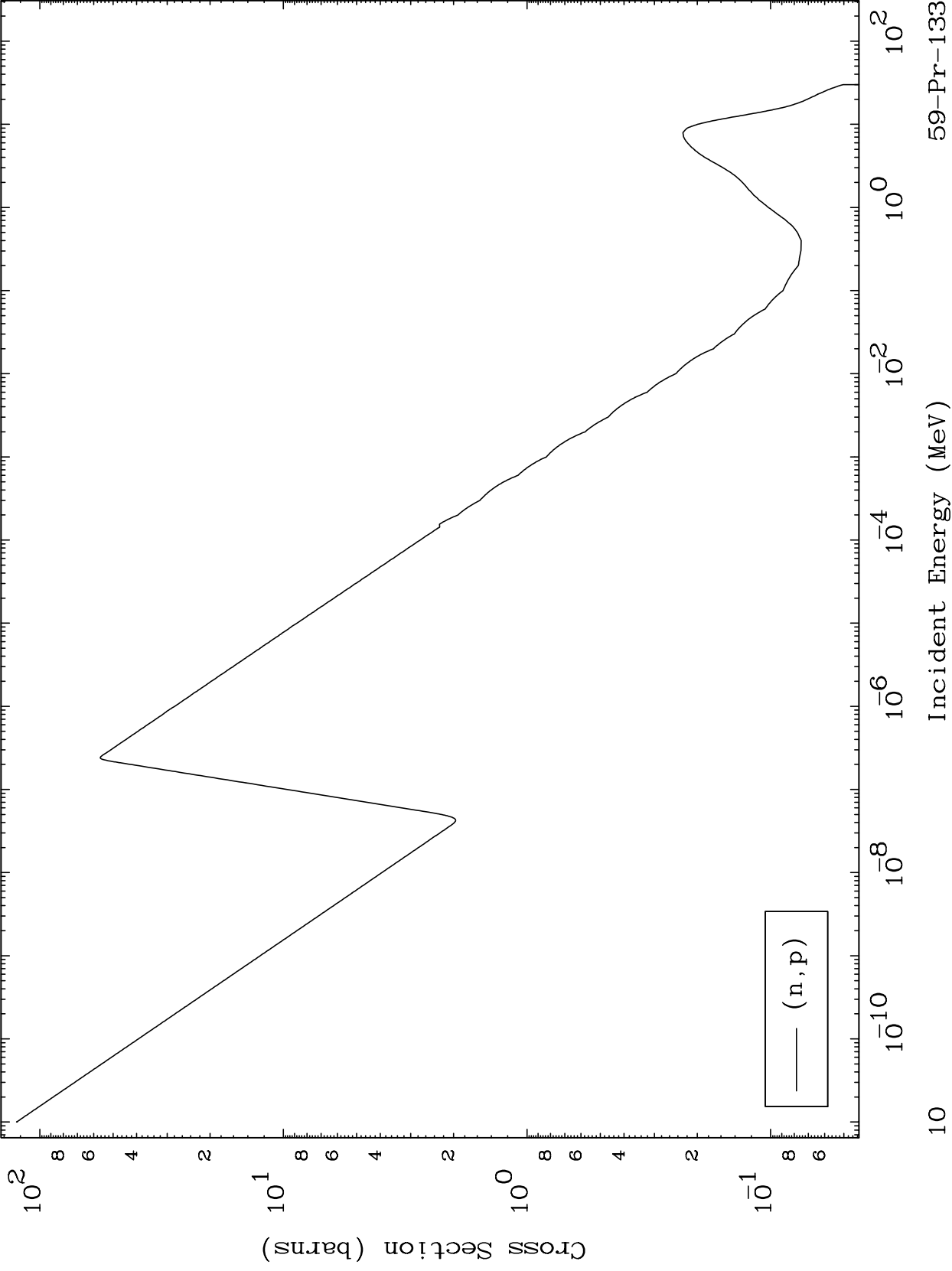
Incident Energy (MeV)

59-Pr-133

MAT 5902

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-133



10

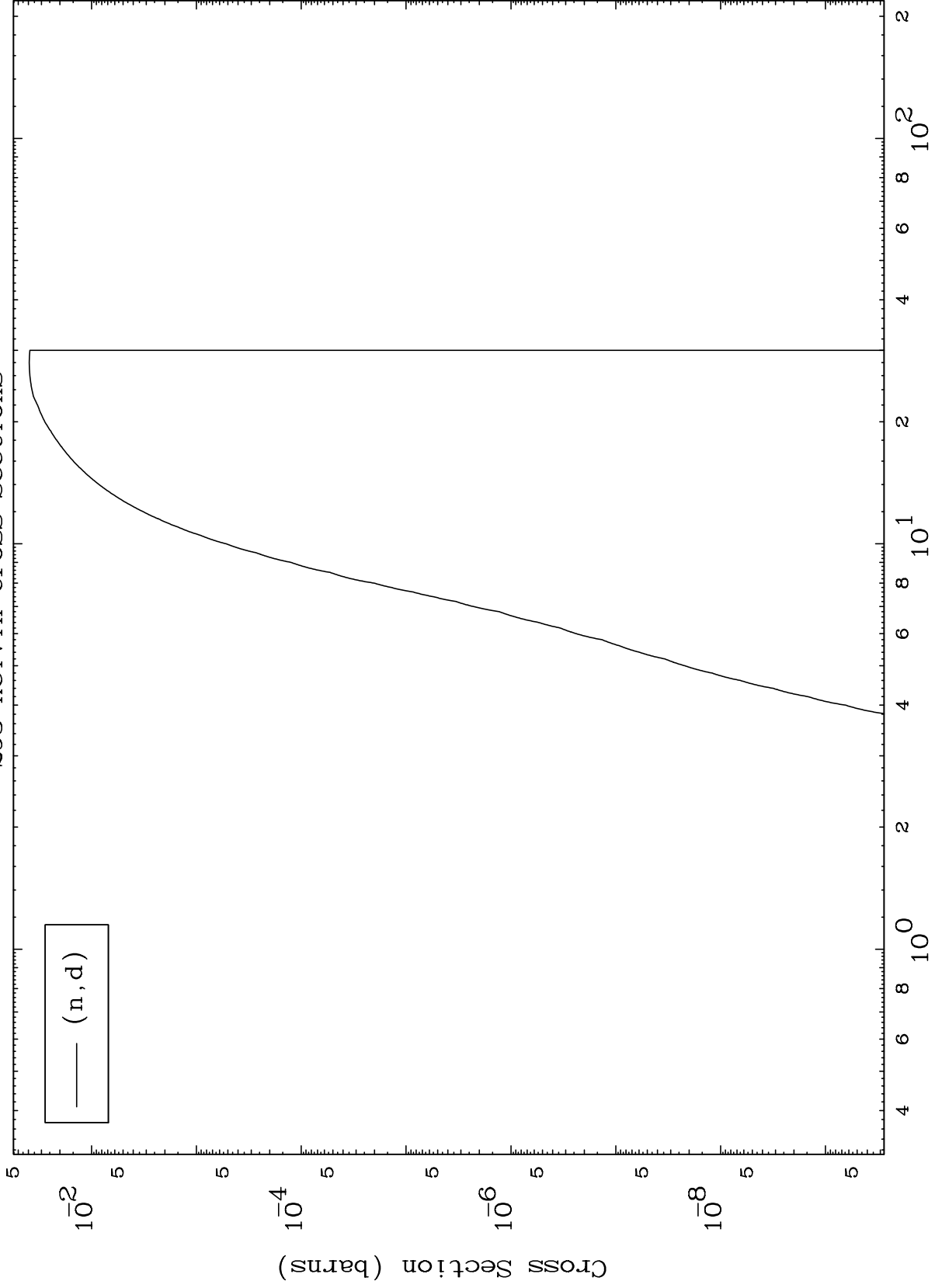
Incident Energy (MeV)

59-Pr-133

MAT 5902

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-133

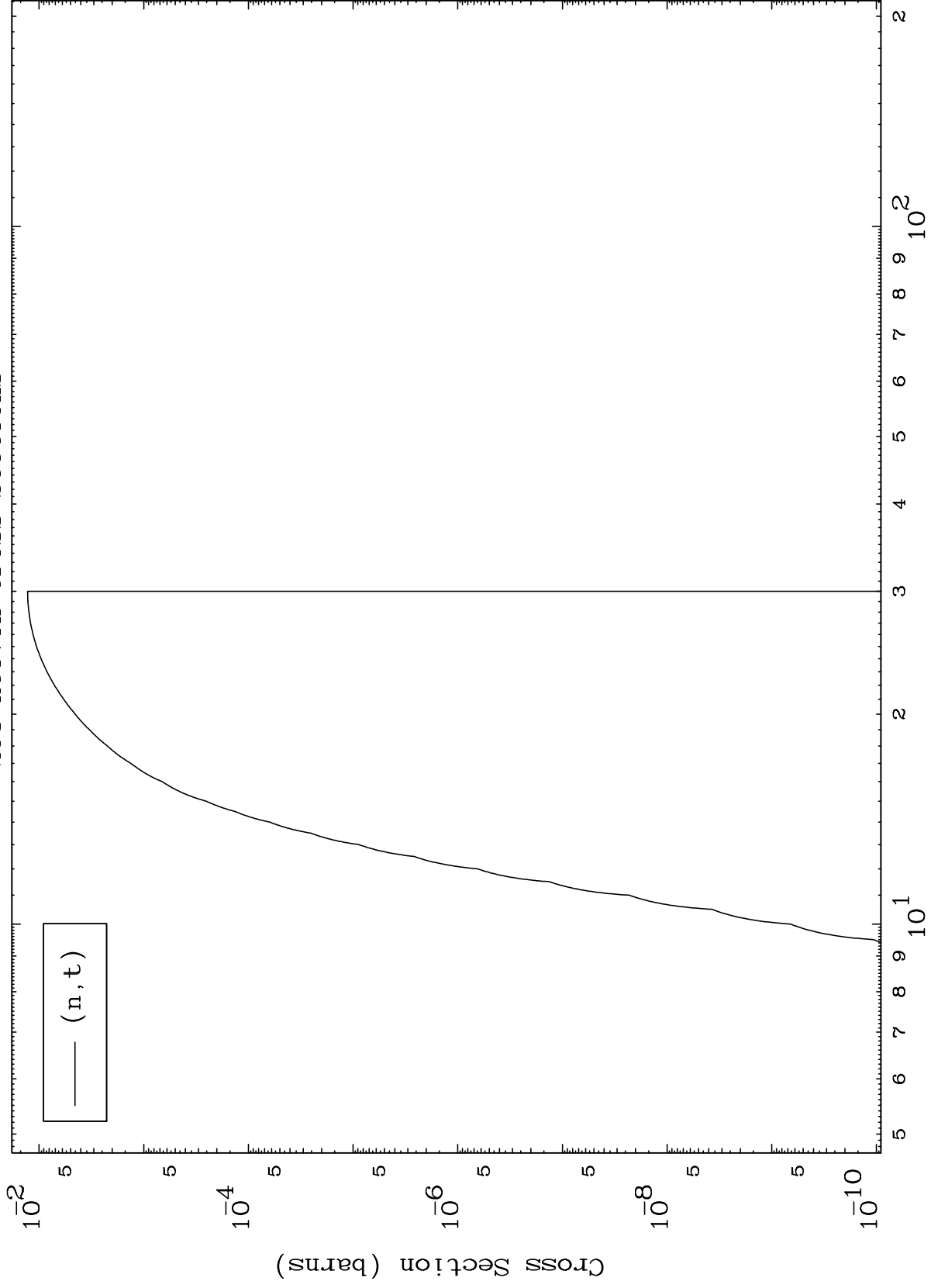


(n,d)

MAT 5902

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-133



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Incident Energy (MeV)

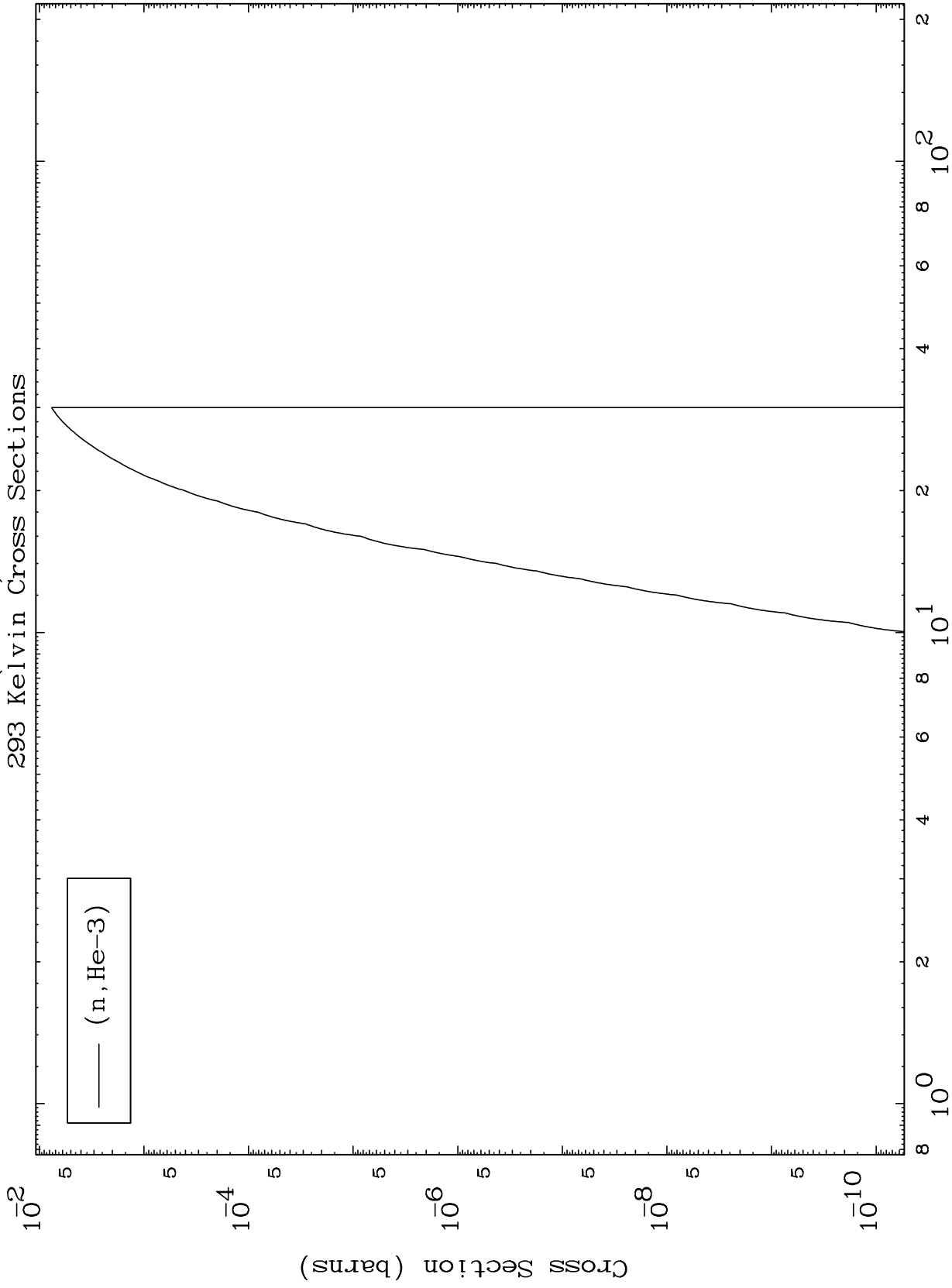
59-Pr-133

MAT 5902

(n,He3) Levels

59-Pr-133

293 Kelvin Cross Sections



13

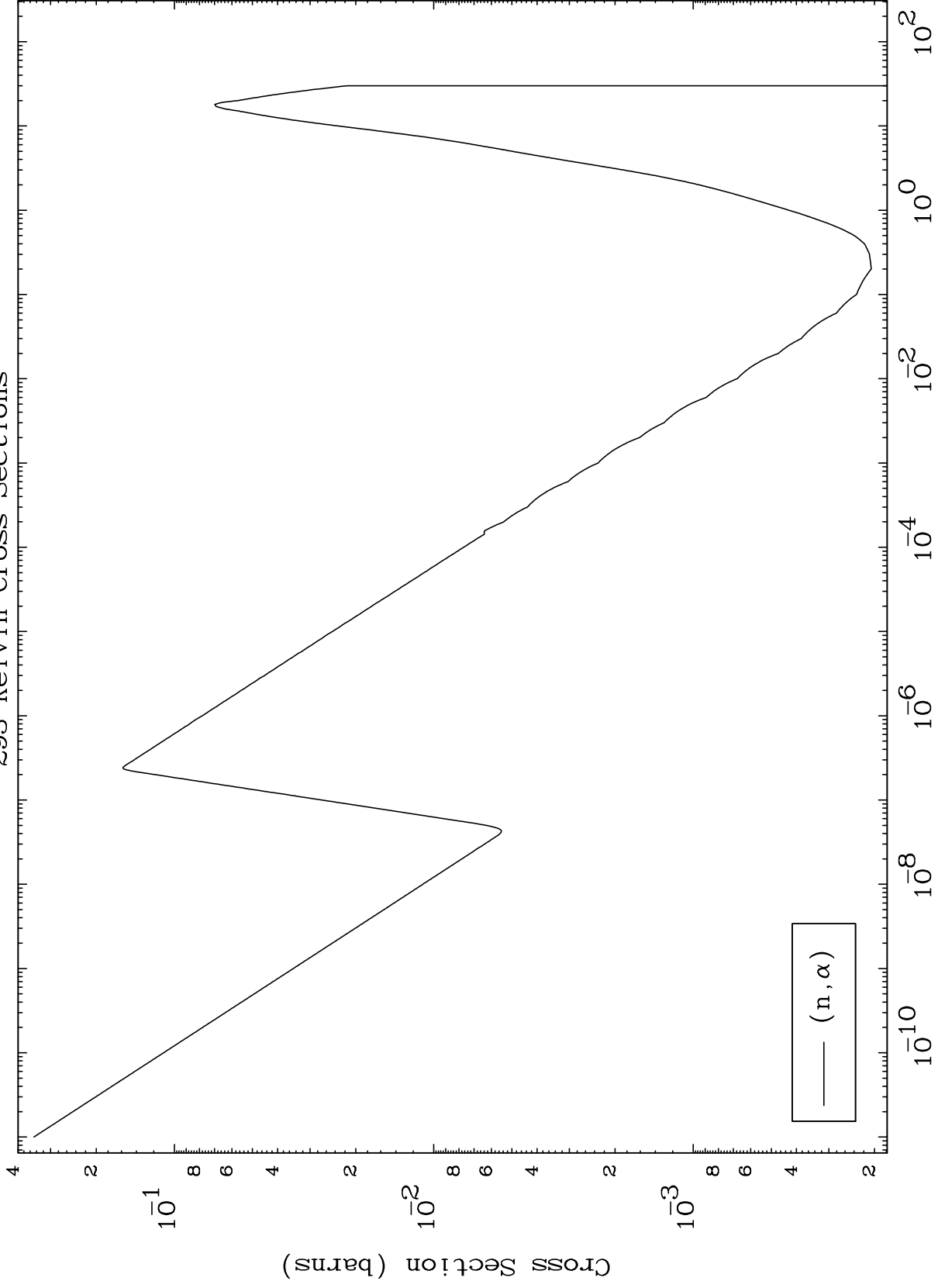
Incident Energy (MeV)

59-Pr-133

MAT 5902

(n,α) Levels
293 Kelvin Cross Sections

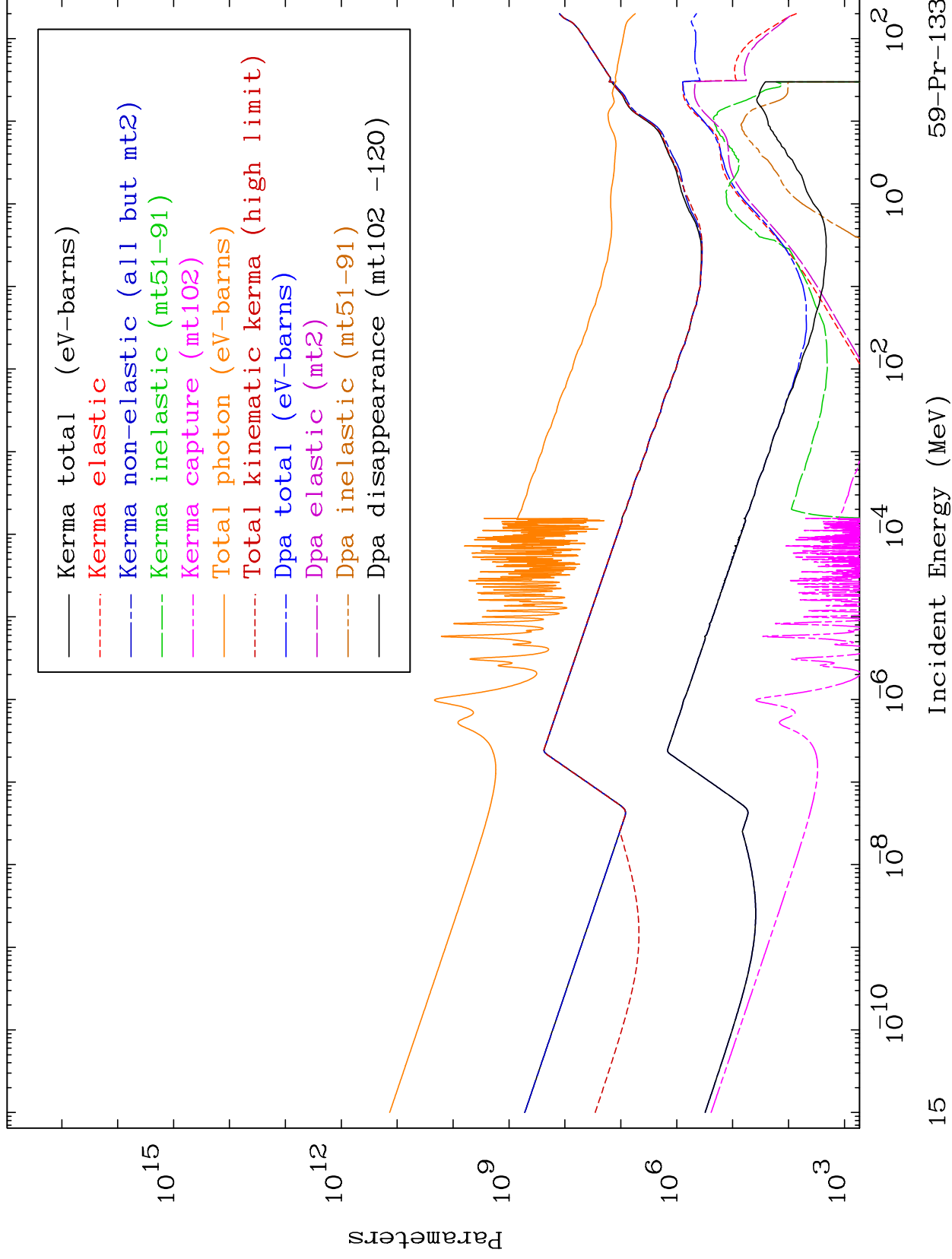
59-Pr-133



14

Incident Energy (MeV)

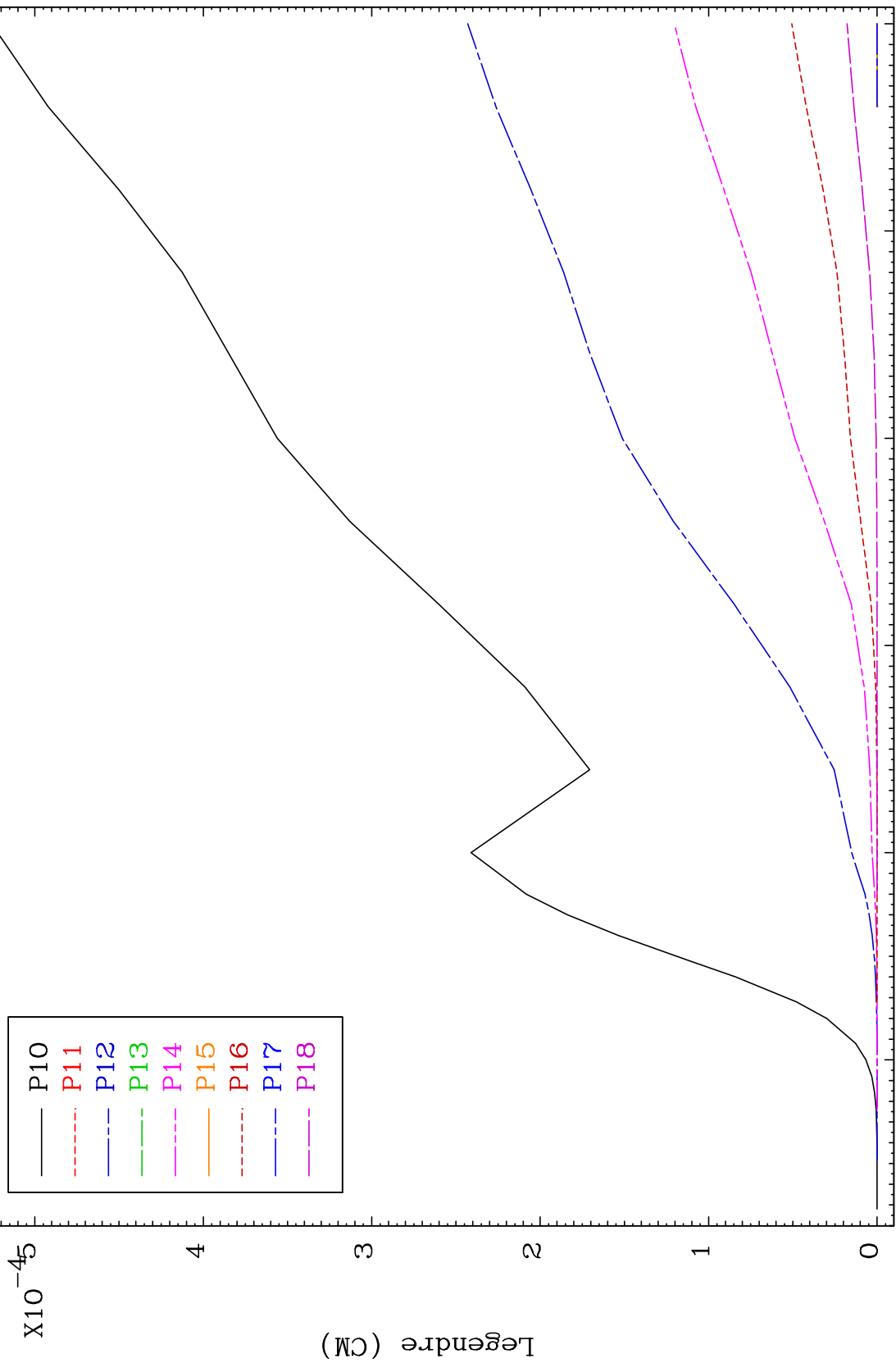
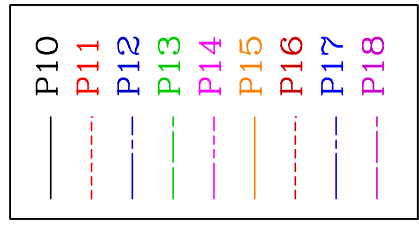
59-Pr-133



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Elastic Legendre Coefficients

59-Pr-133



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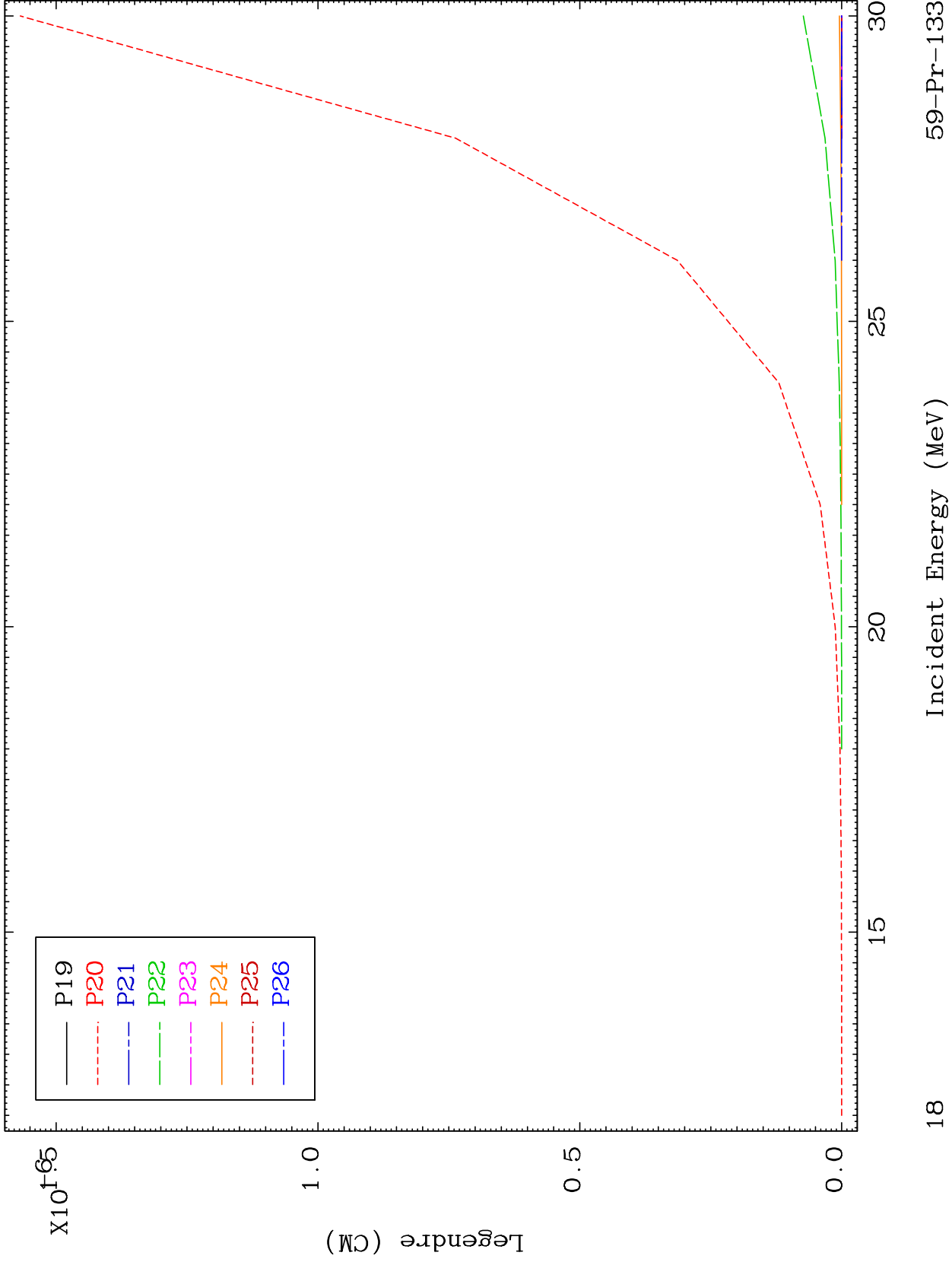
Incident Energy (MeV)

59-Pr-133

MAT 5902

Elastic Legendre Coefficients

59-Pr-133



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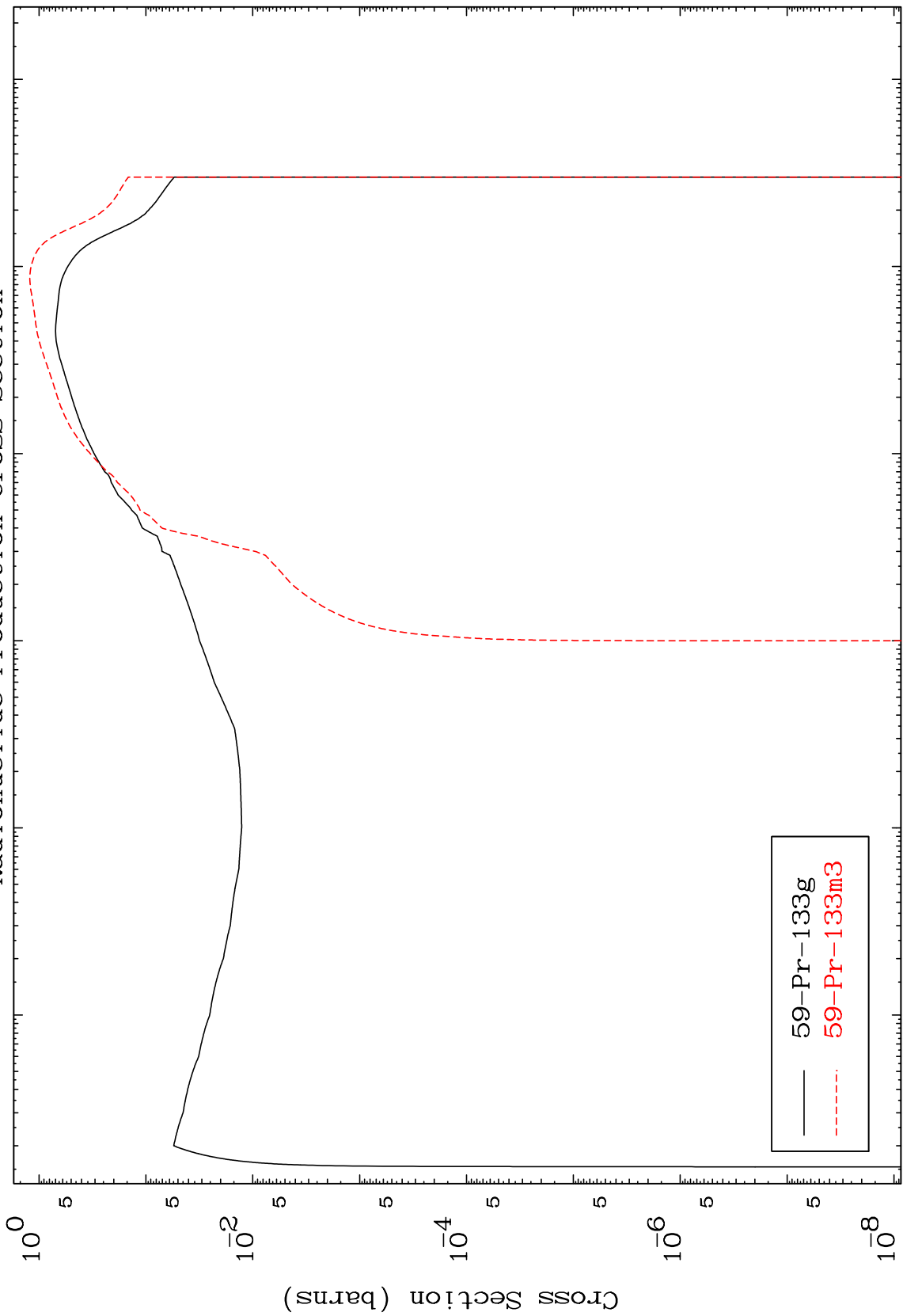
Incident Energy (MeV)

59-Pr-133

MAT 5902

59-Pr-133

Inelastic
Radionuclide Production Cross Section

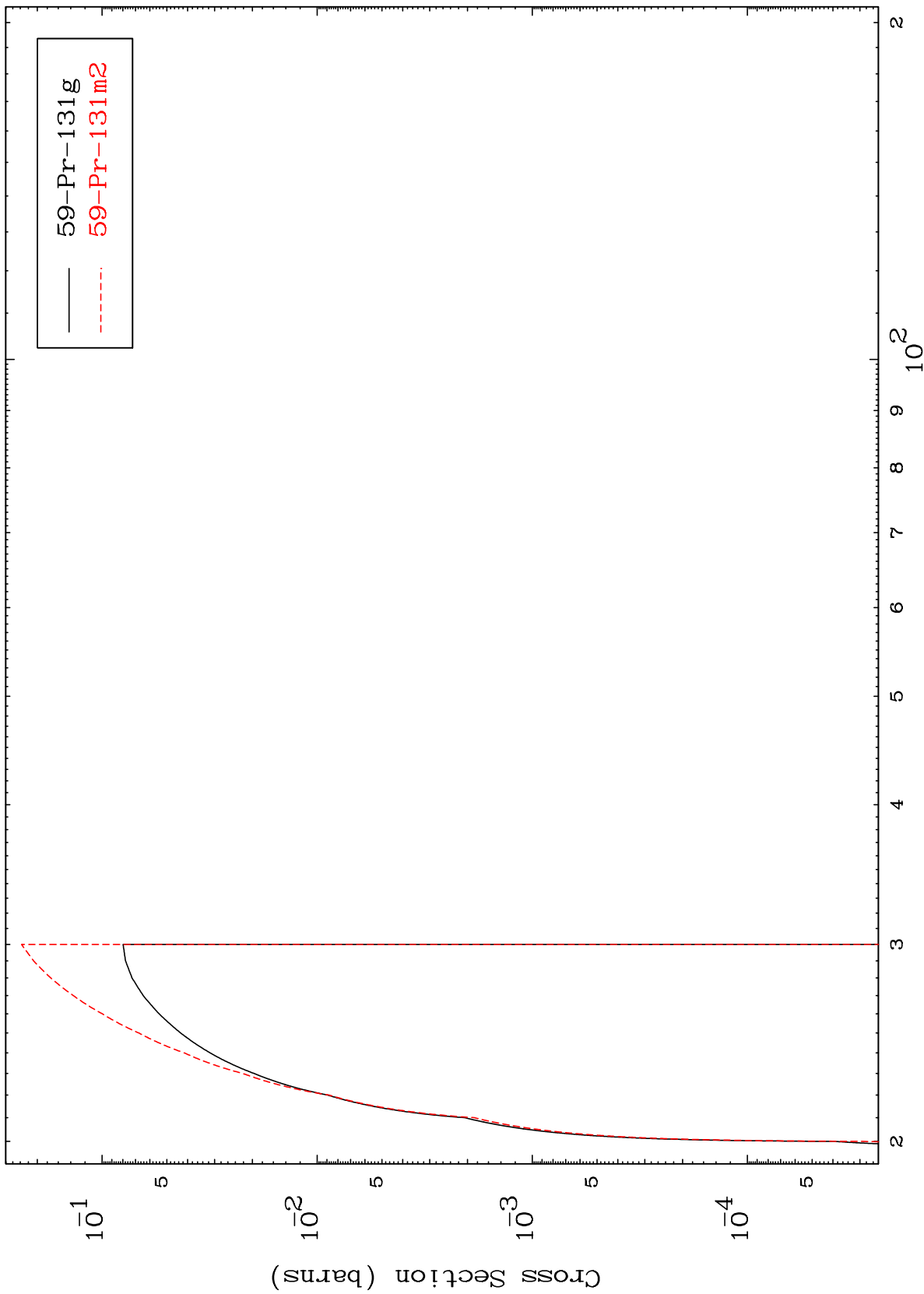


— 59-Pr-133g
- - - 59-Pr-133m3

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59-Pr-133

(n,3n)
Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

59-Pr-133

Incident Energy (MeV)

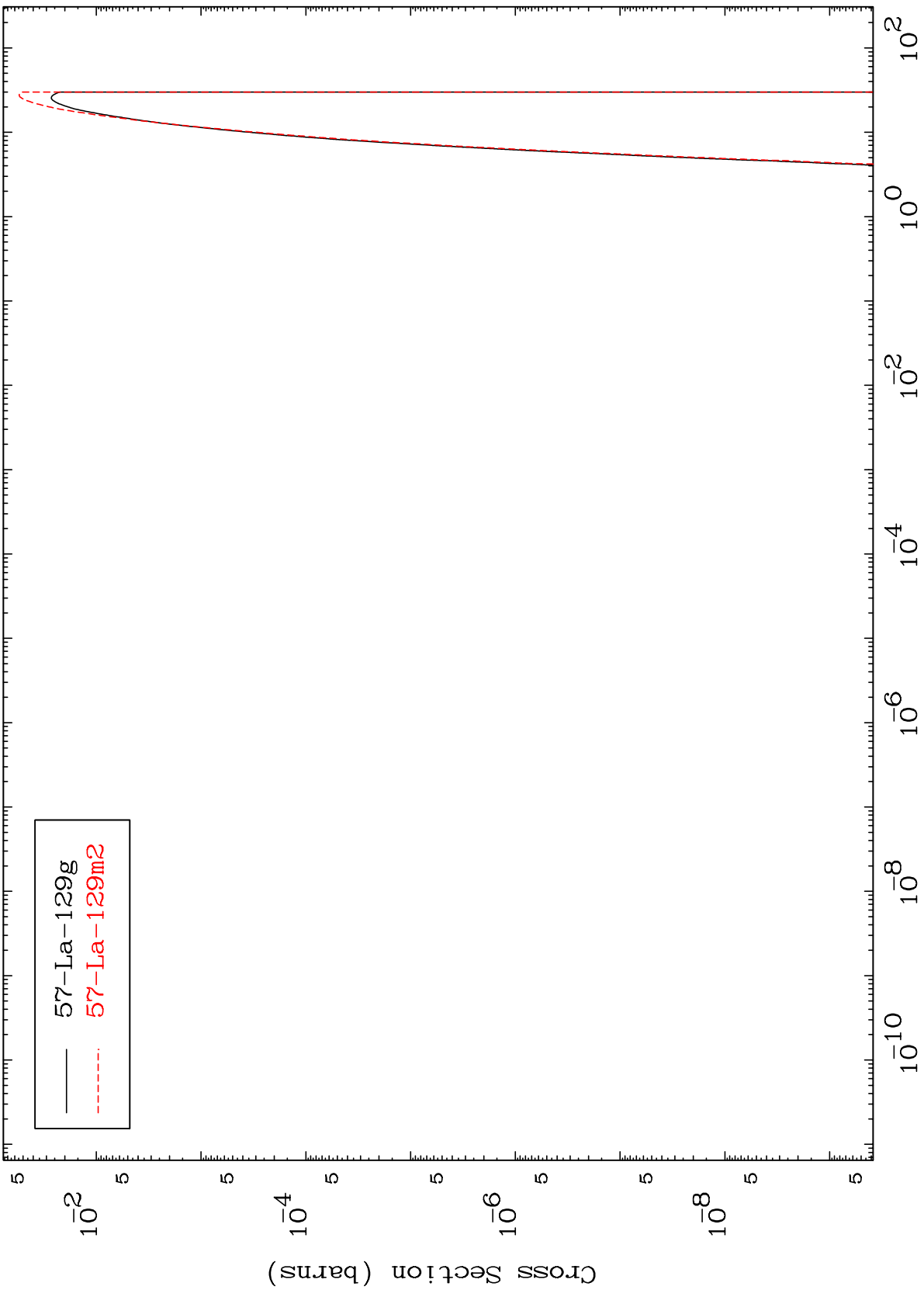
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$(n, n') \alpha$

59-Pr-133

Radionuclide Production Cross Section

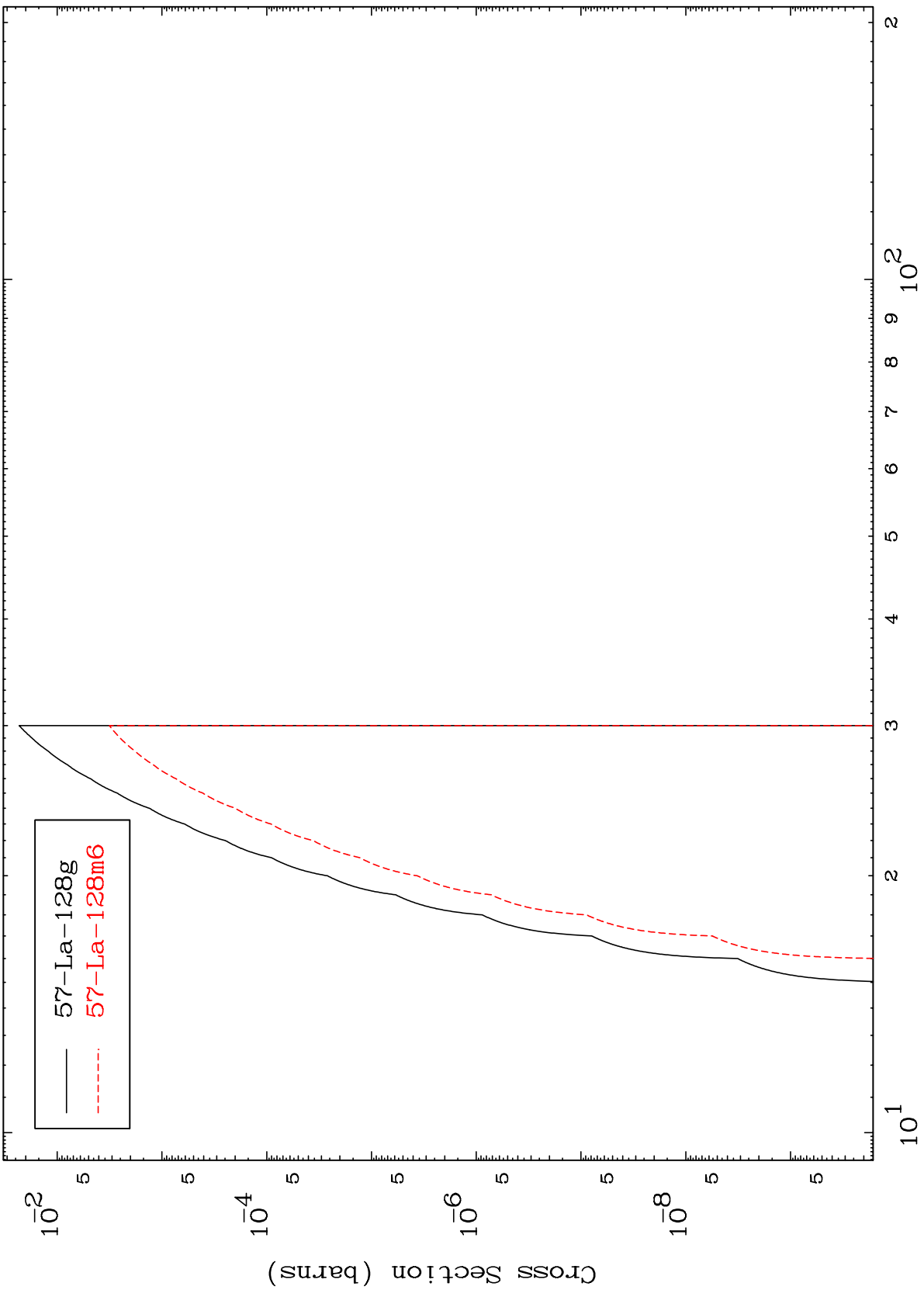


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(n,2n) α

59-Pr-133

Radionuclide Production Cross Section



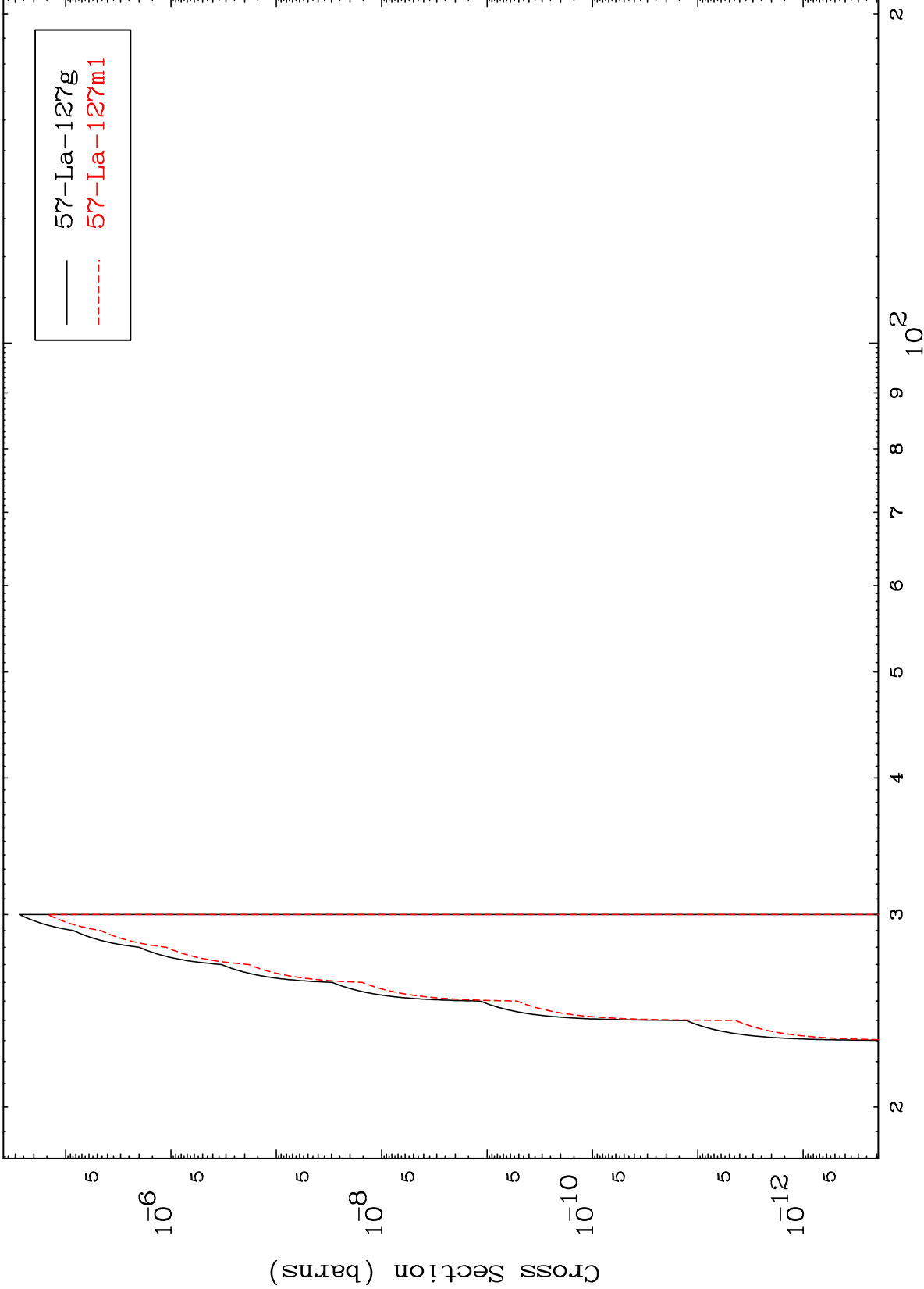
57-La-128g
57-La-128m6

22

Incident Energy (MeV)

59-Pr-133

Radionuclide Production Cross Section

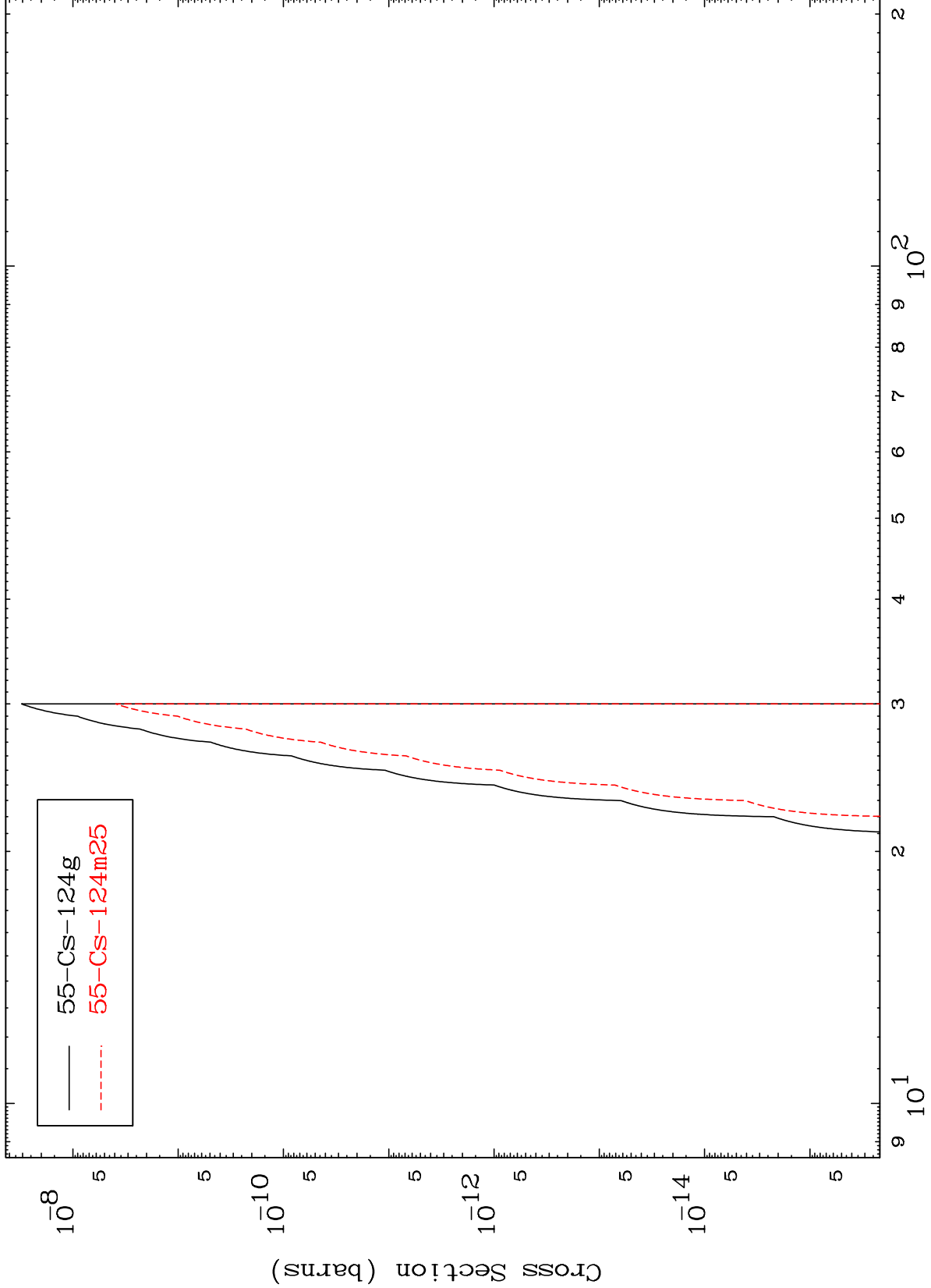


MAT 5902

(n,2n) 2α

59-Pr-133

Radionuclide Production Cross Section



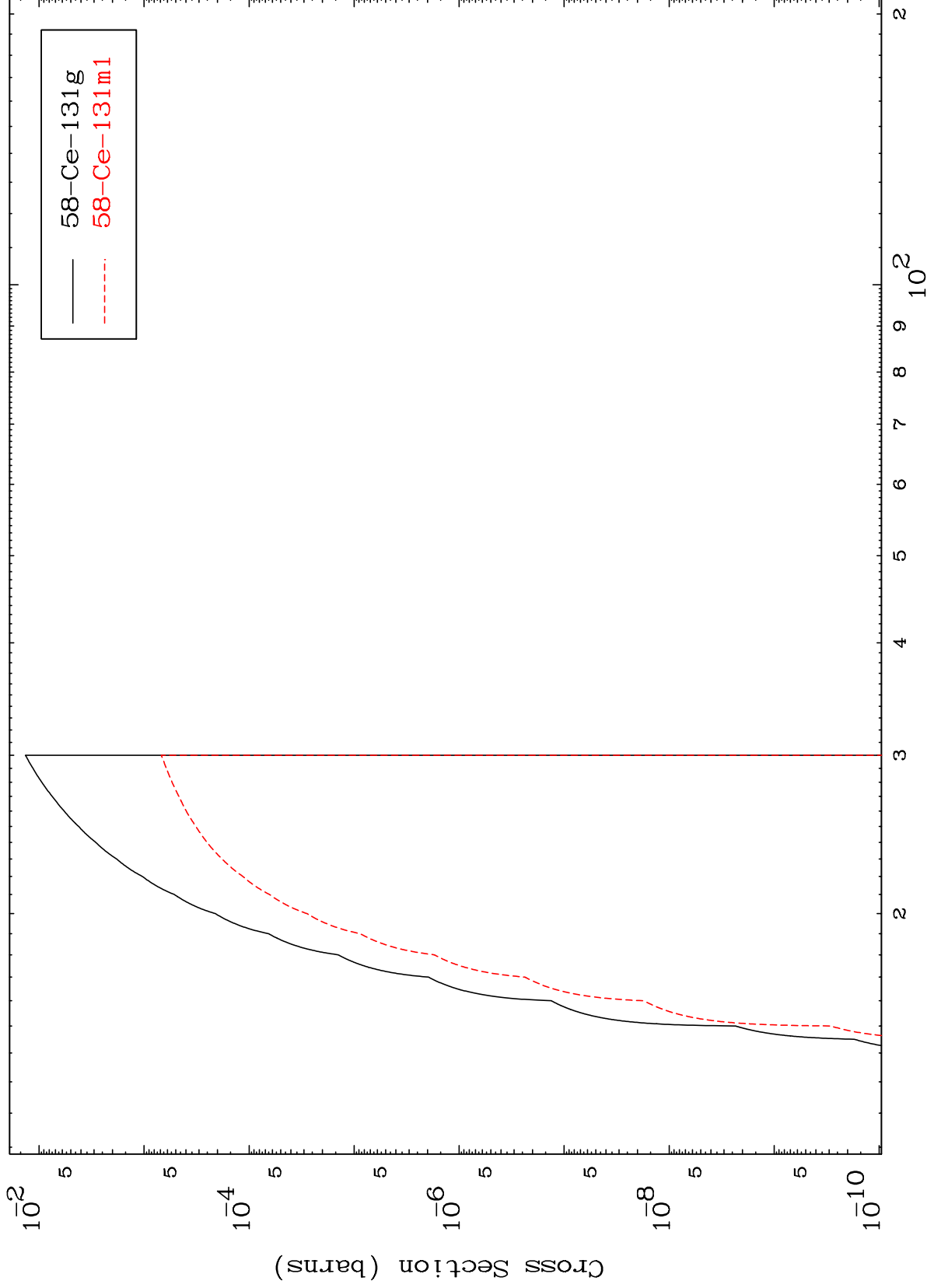
55-Cs-124g
55-Cs-124m25

24

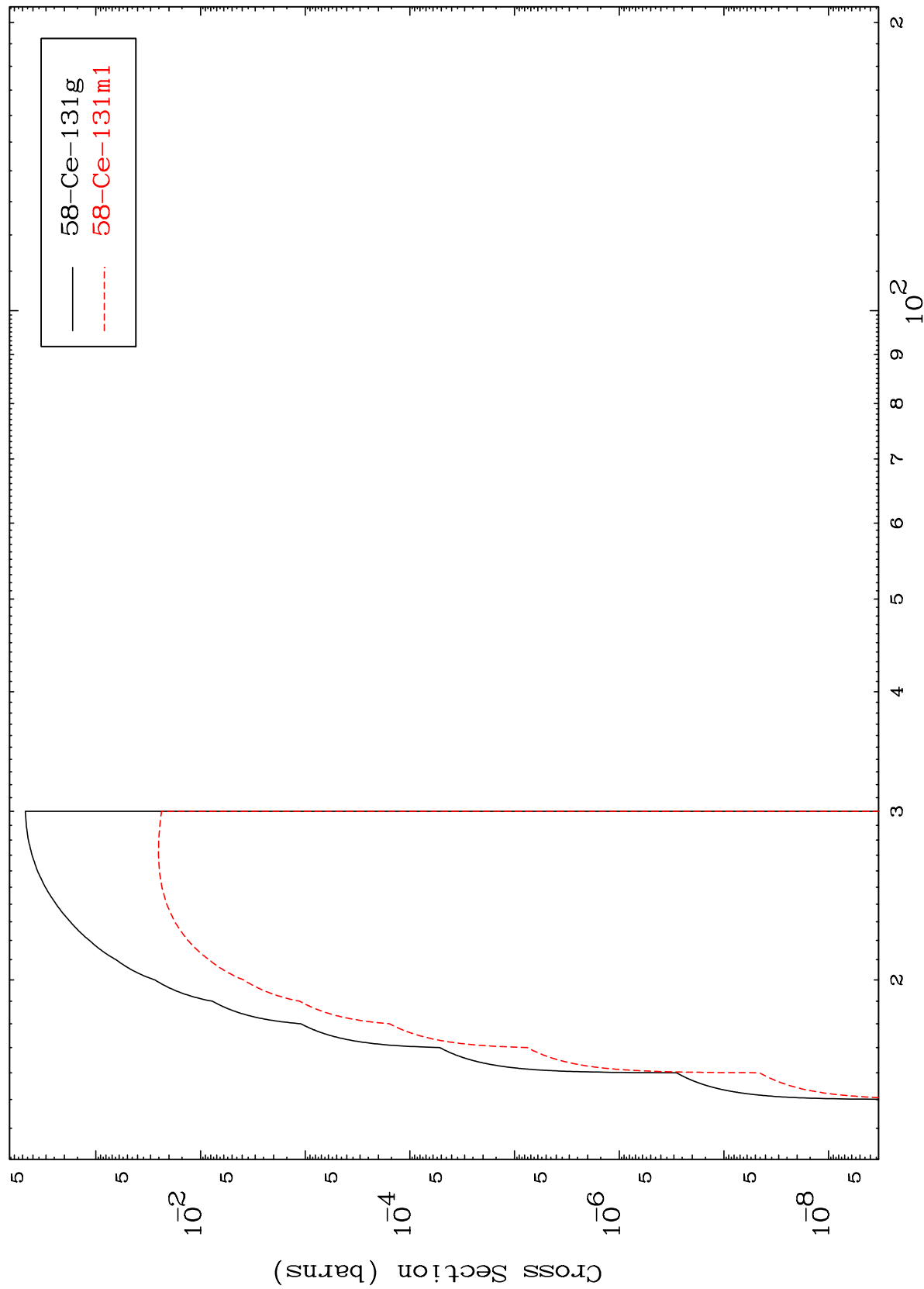
Incident Energy (MeV)

59-Pr-133

Radionuclide Production Cross Section



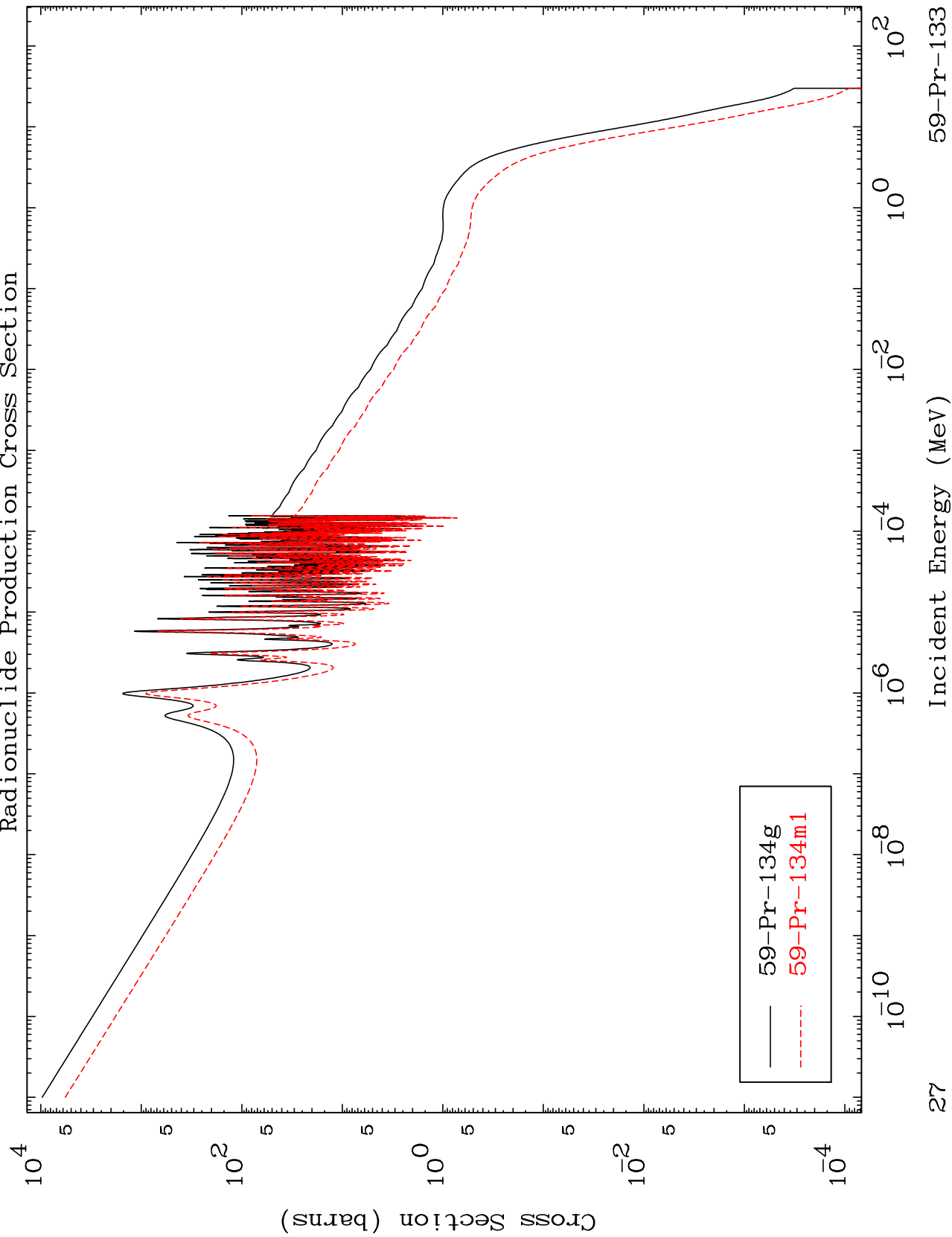
Radionuclide Production Cross Section



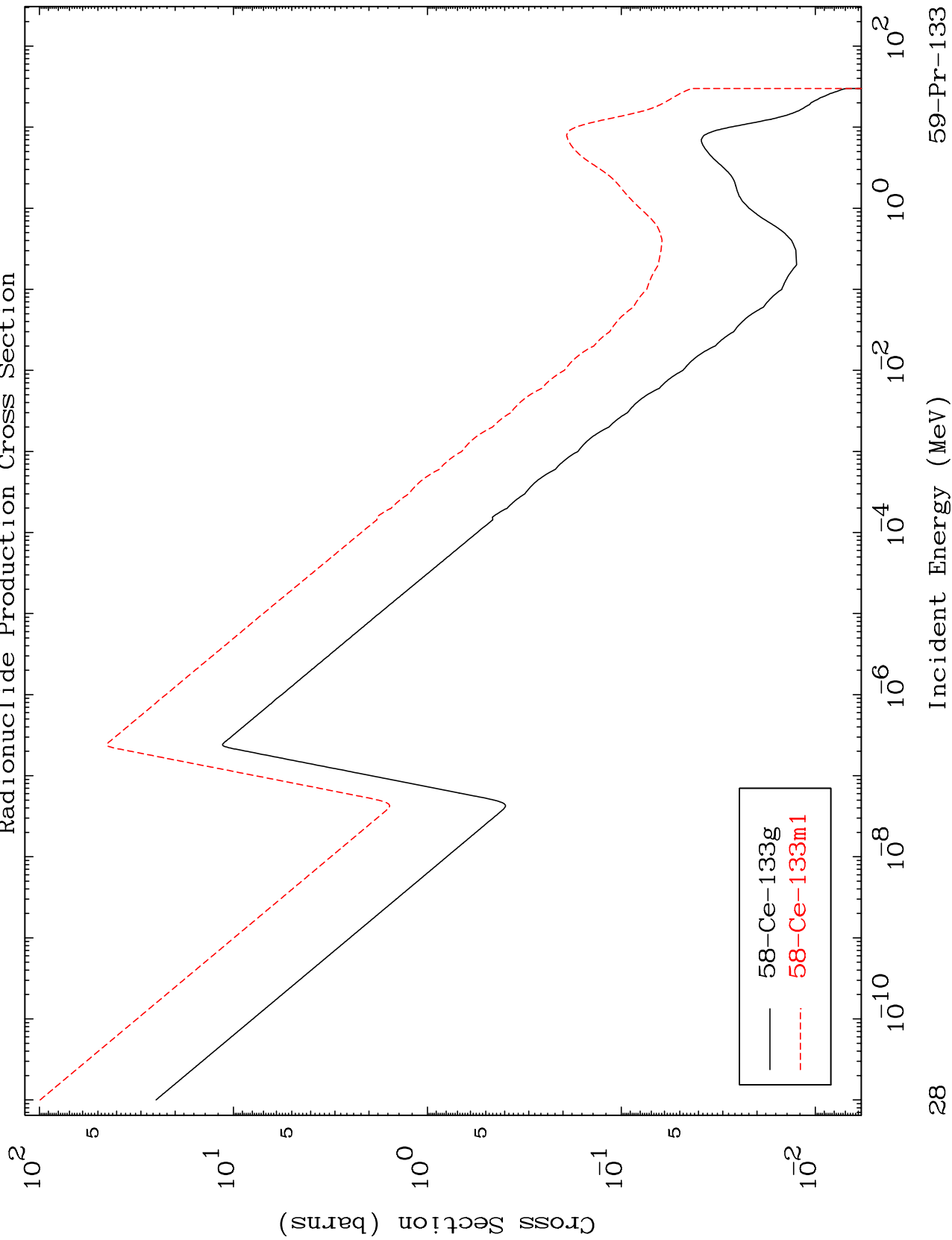
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59-Pr-133

(n, γ)
Radionuclide Production Cross Section



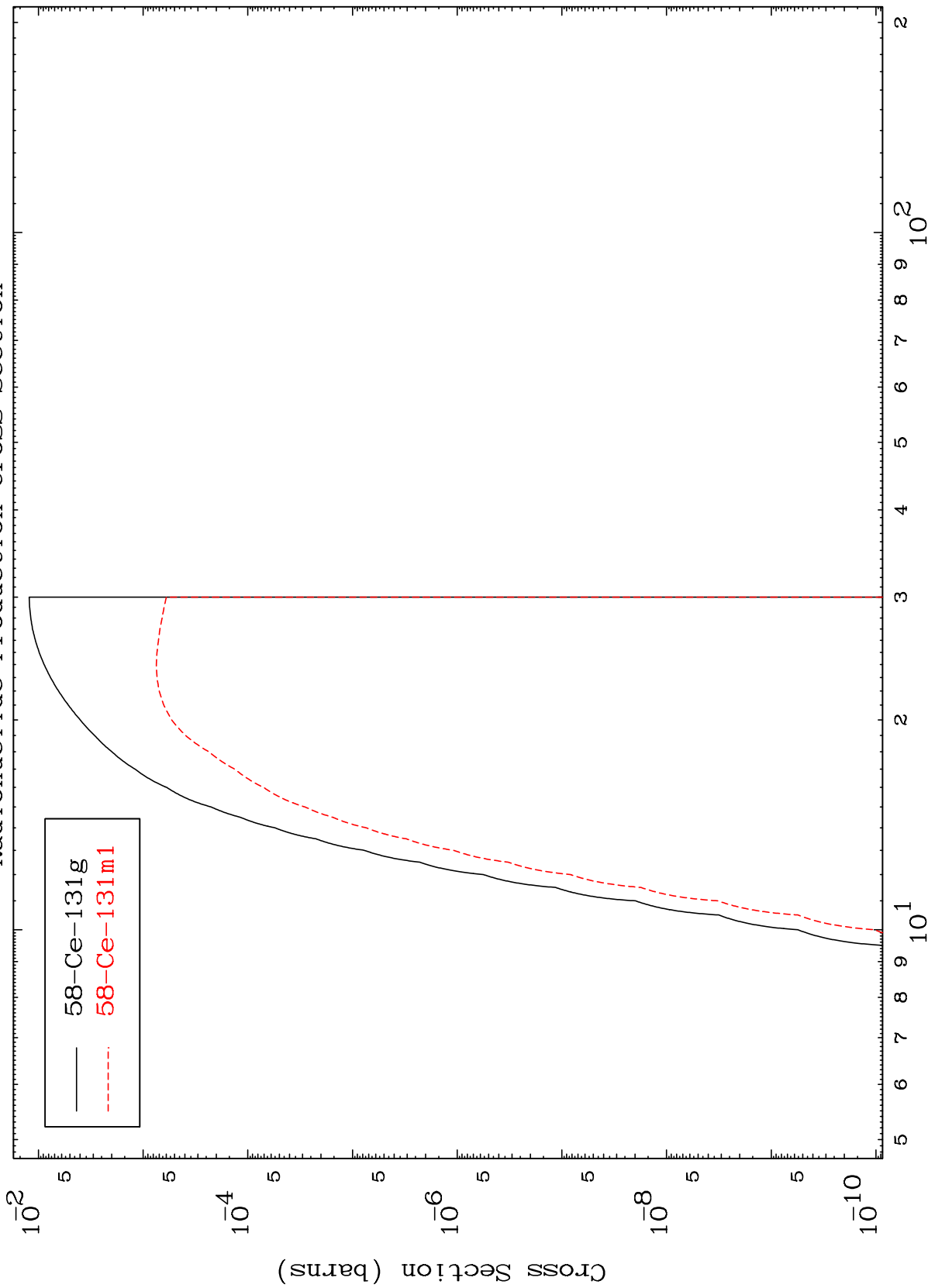
(n,p)
Radionuclide Production Cross Section



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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)

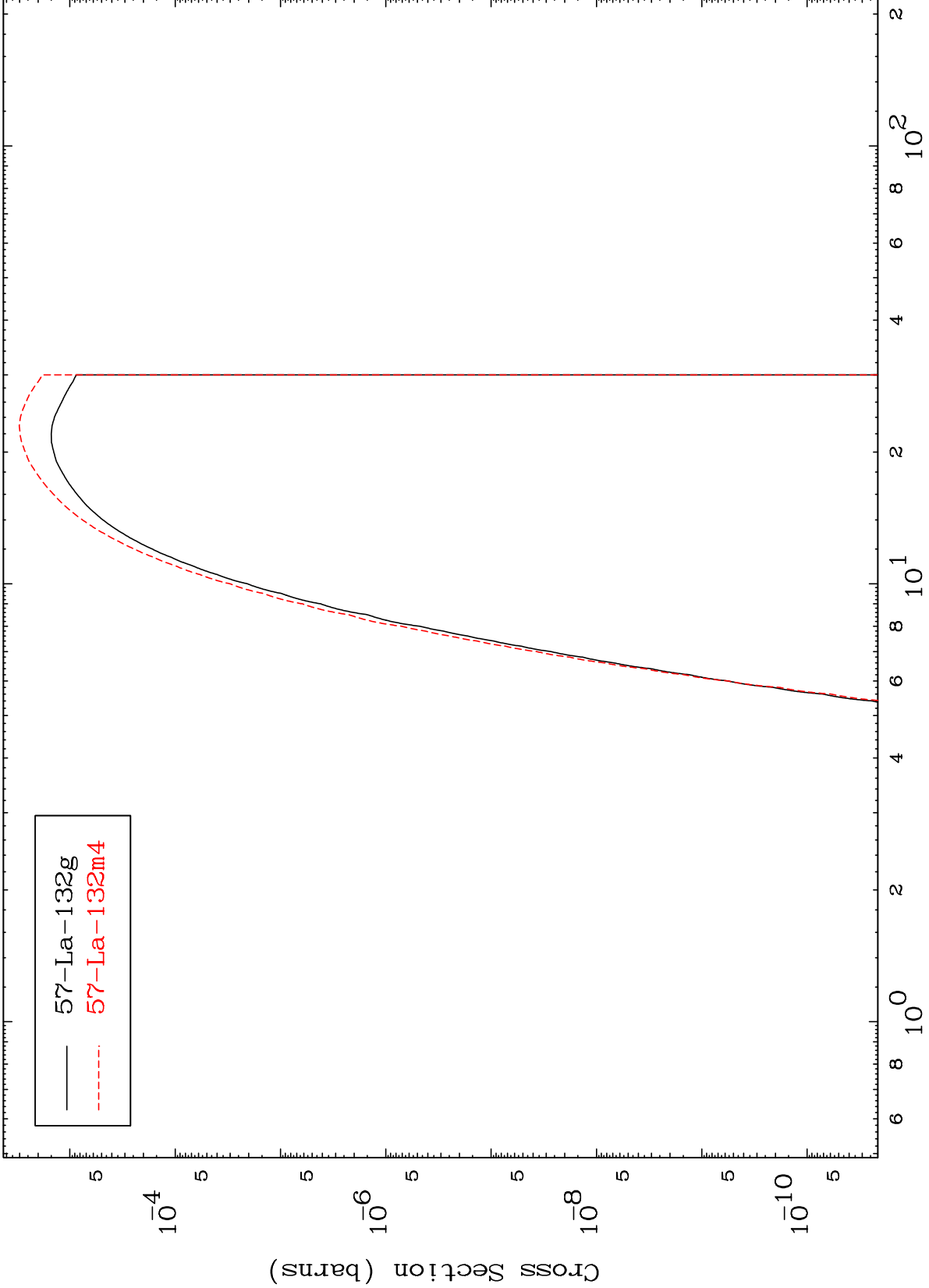
29

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(n,2p)

59-Pr-133

Radionuclide Production Cross Section



30

Incident Energy (MeV)

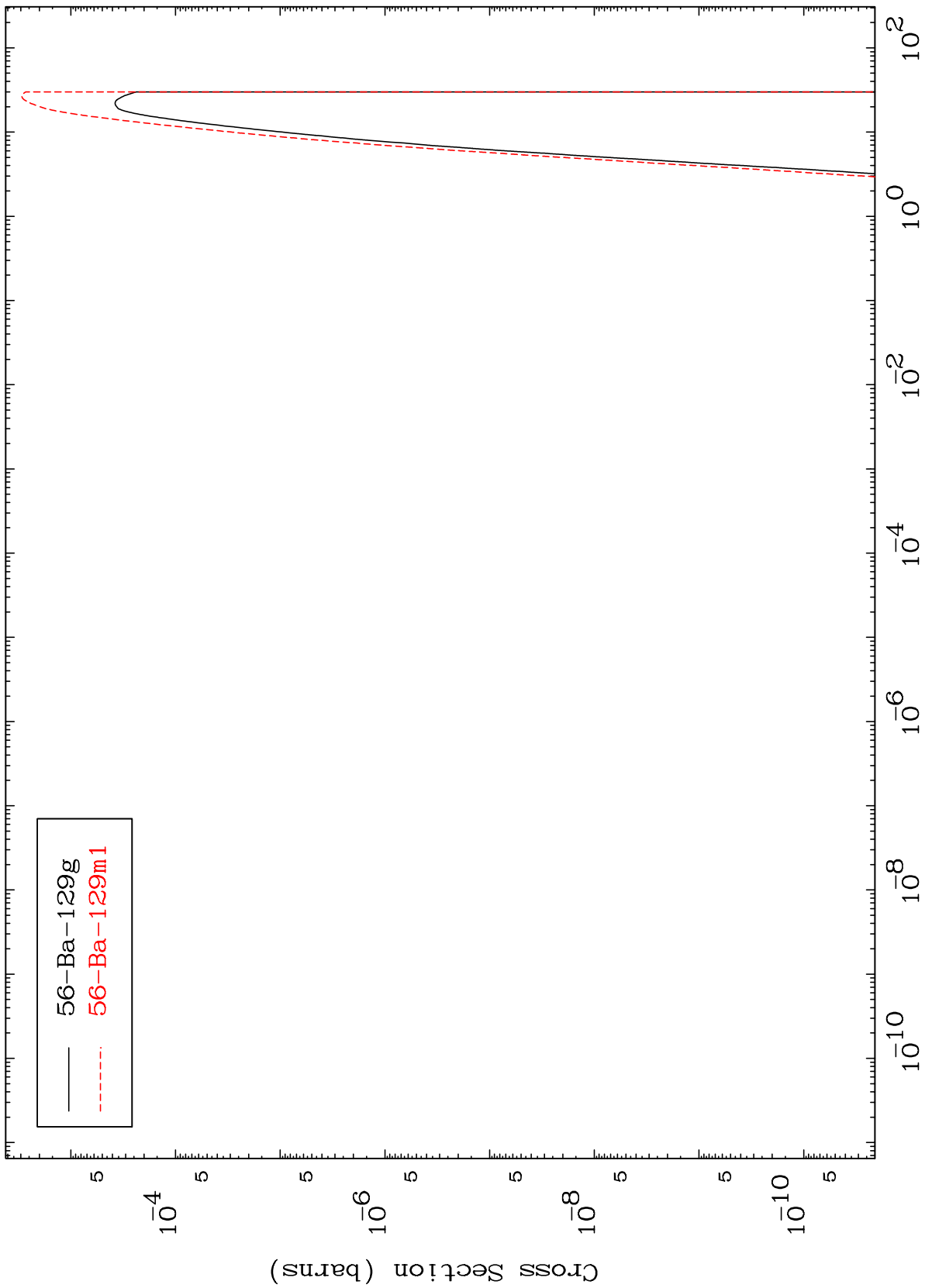
59-Pr-133

MAT 5902

(n,p) α

59-Pr-133

Radionuclide Production Cross Section



56-Ba-129g
56-Ba-129m1