

Program EVALPLOT
(Version 2018-1)

by

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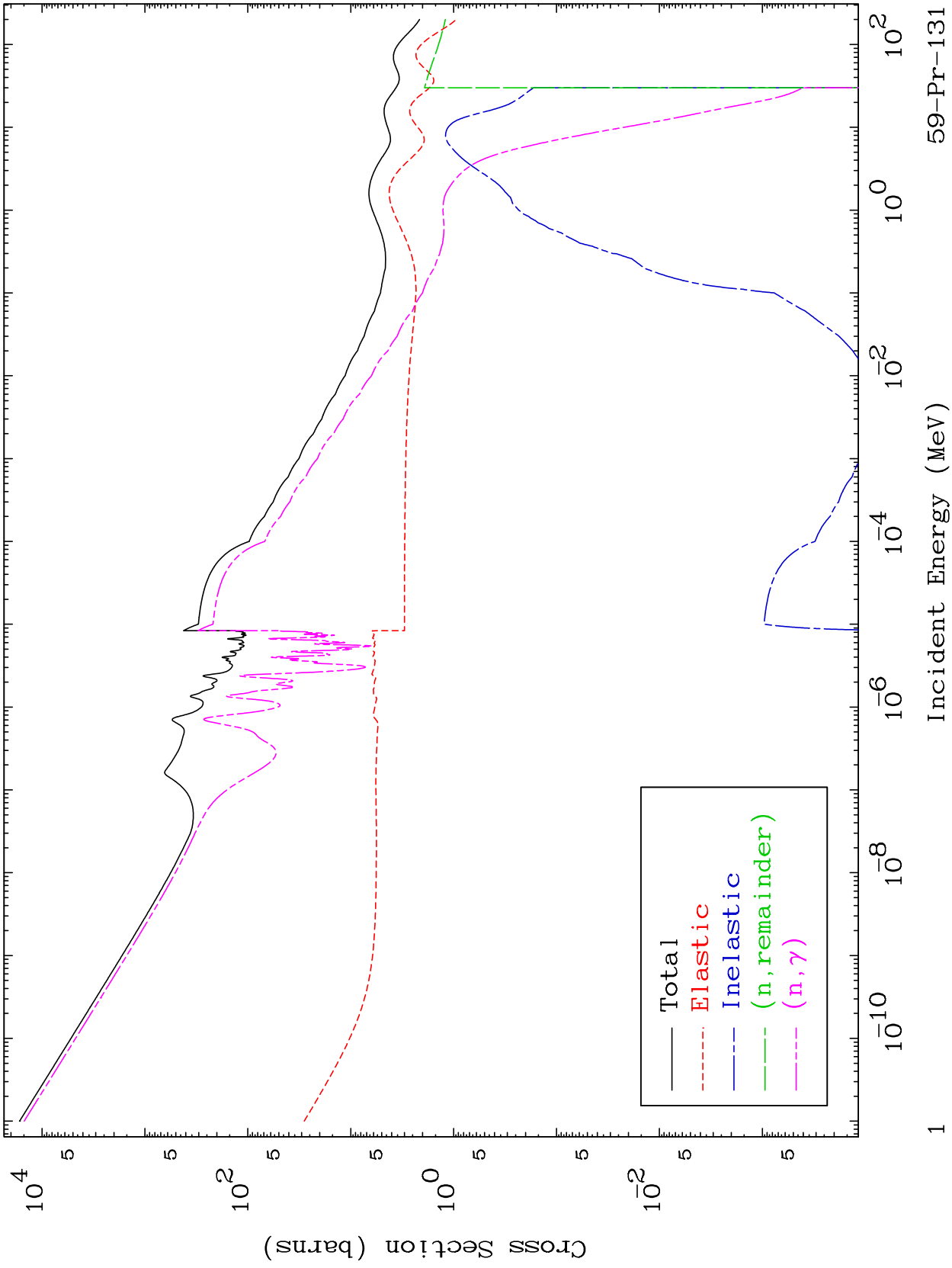
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5896

Major
293 Kelvin Cross Sections

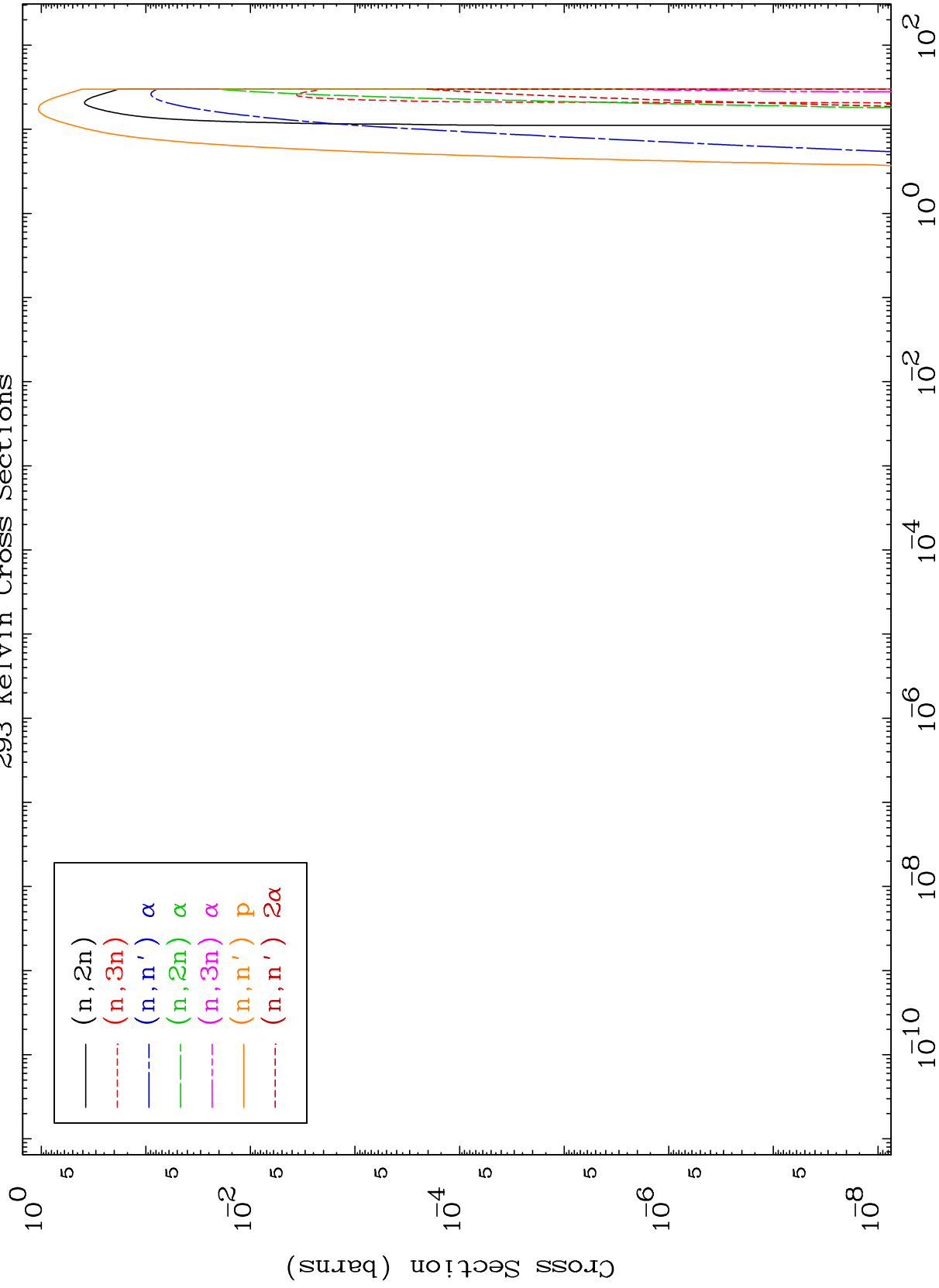
59-Pr-131



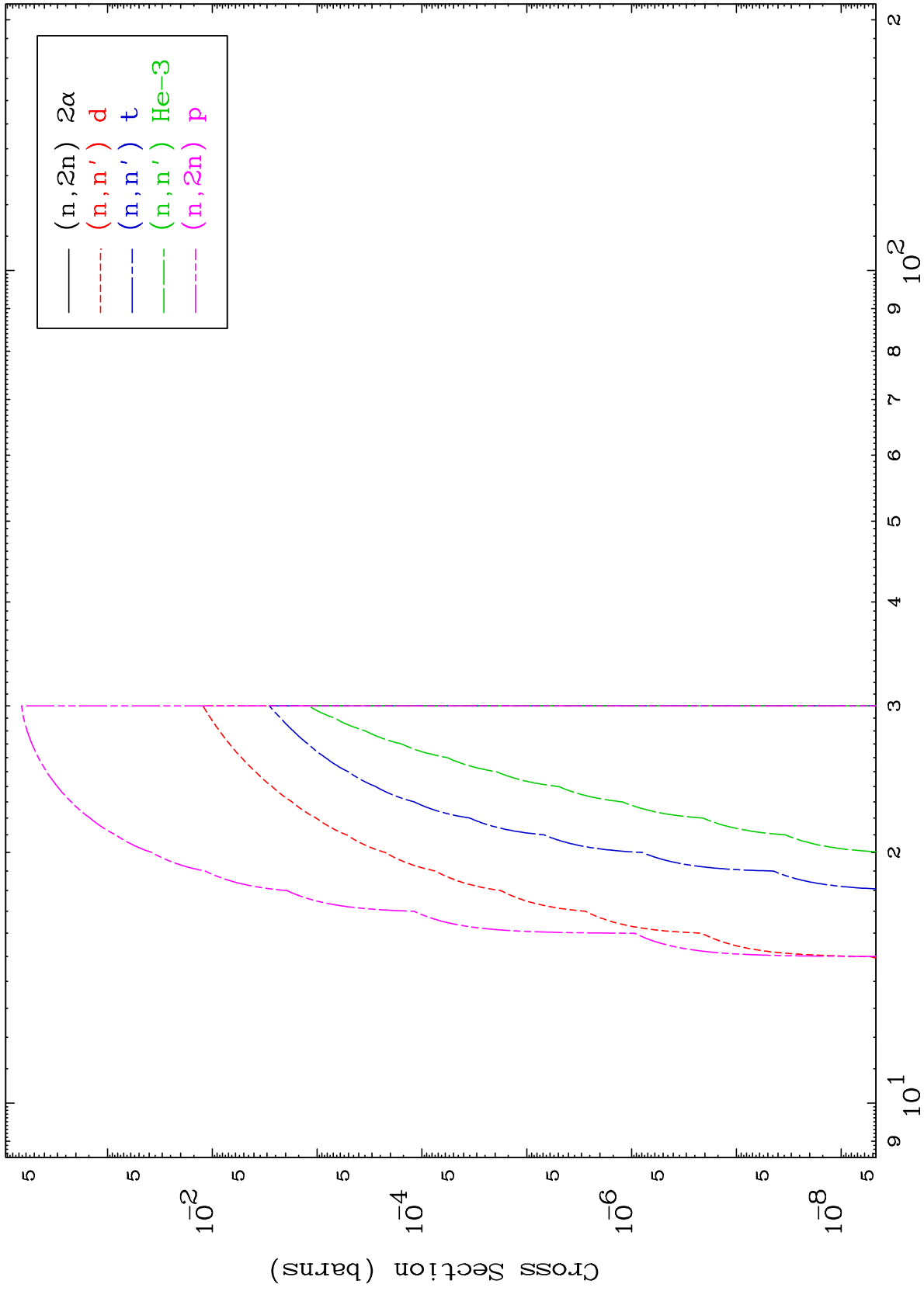
MAT 5896

Neutron Production
293 Kelvin Cross Sections

59-Pr-131



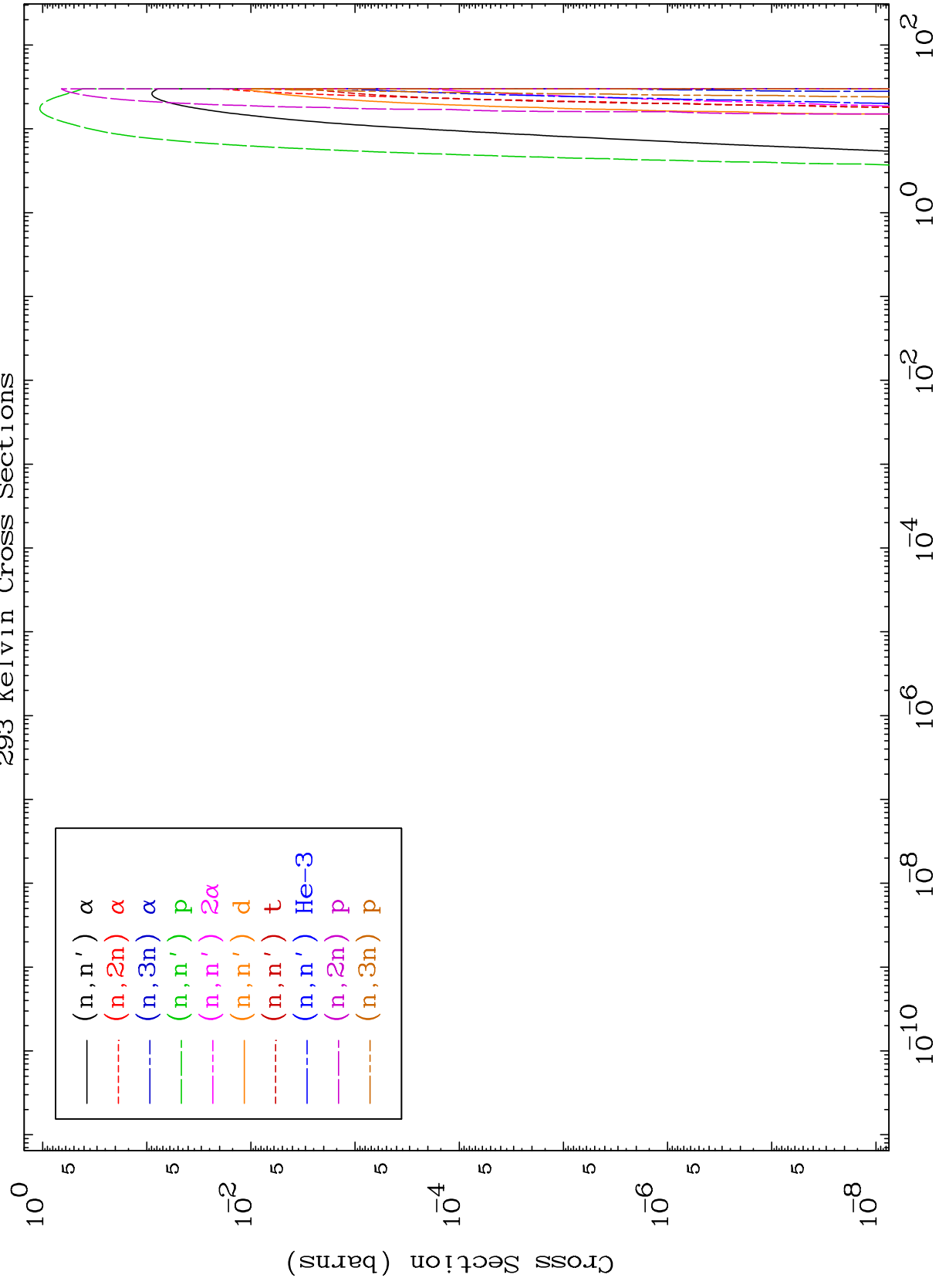
59-Pr-131



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293 Kelvin Cross Sections

59-Pr-131



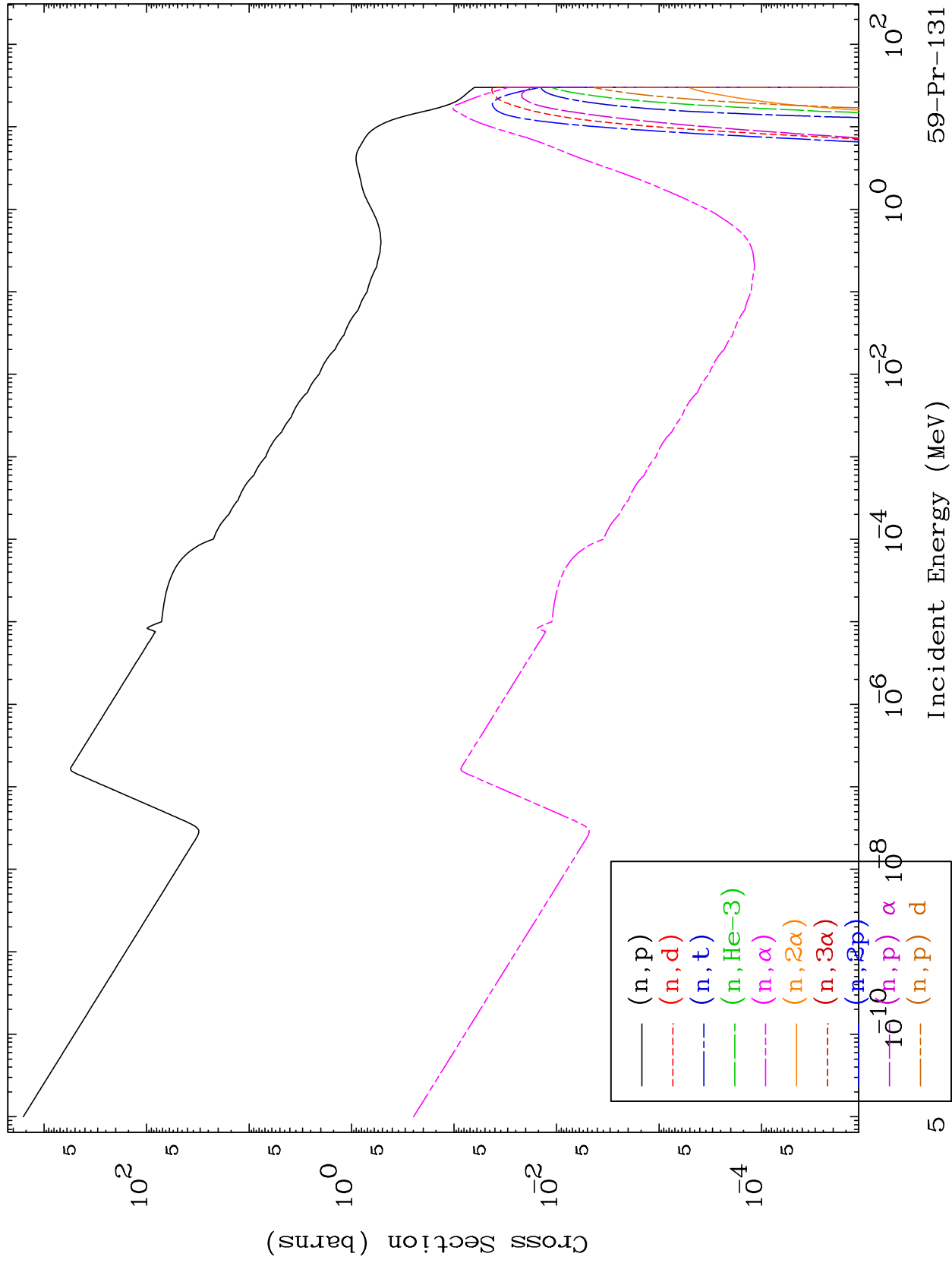
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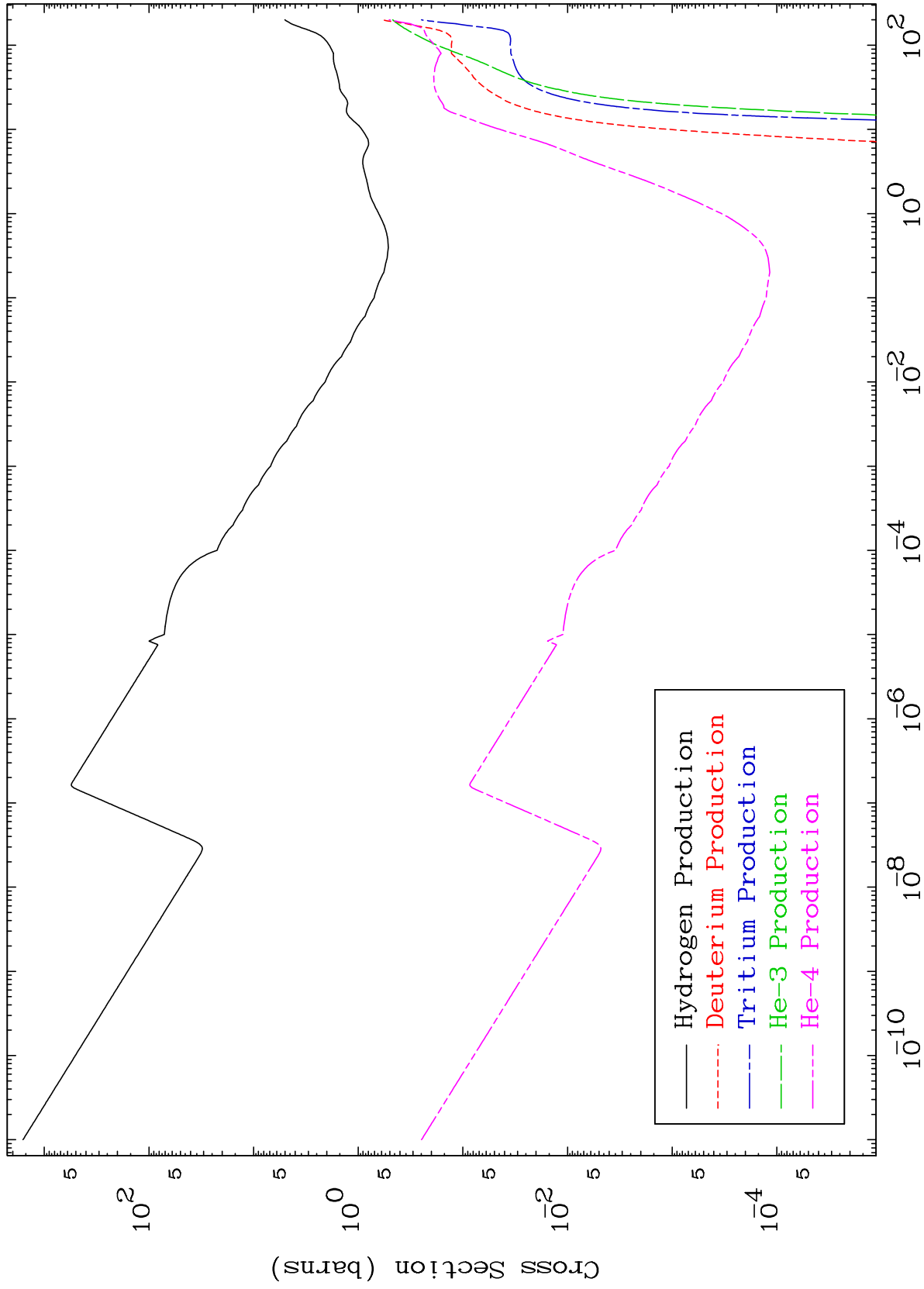
Incident Energy (MeV)

MAT 5896

Charged Particle
293 Kelvin Cross Sections

59-Pr-131

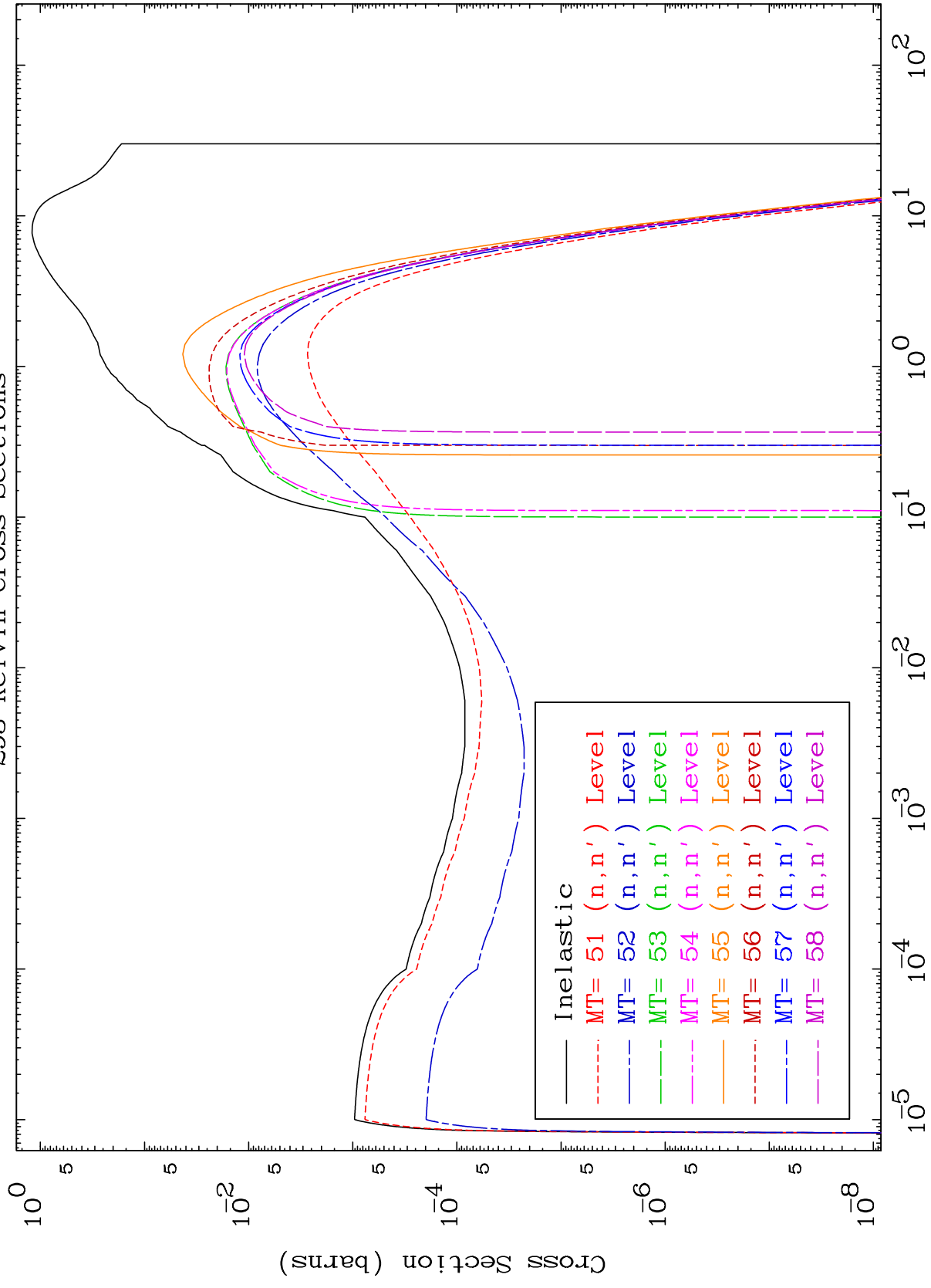




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293 Kelvin Cross Sections
(n,n') Level

59-Pr-131



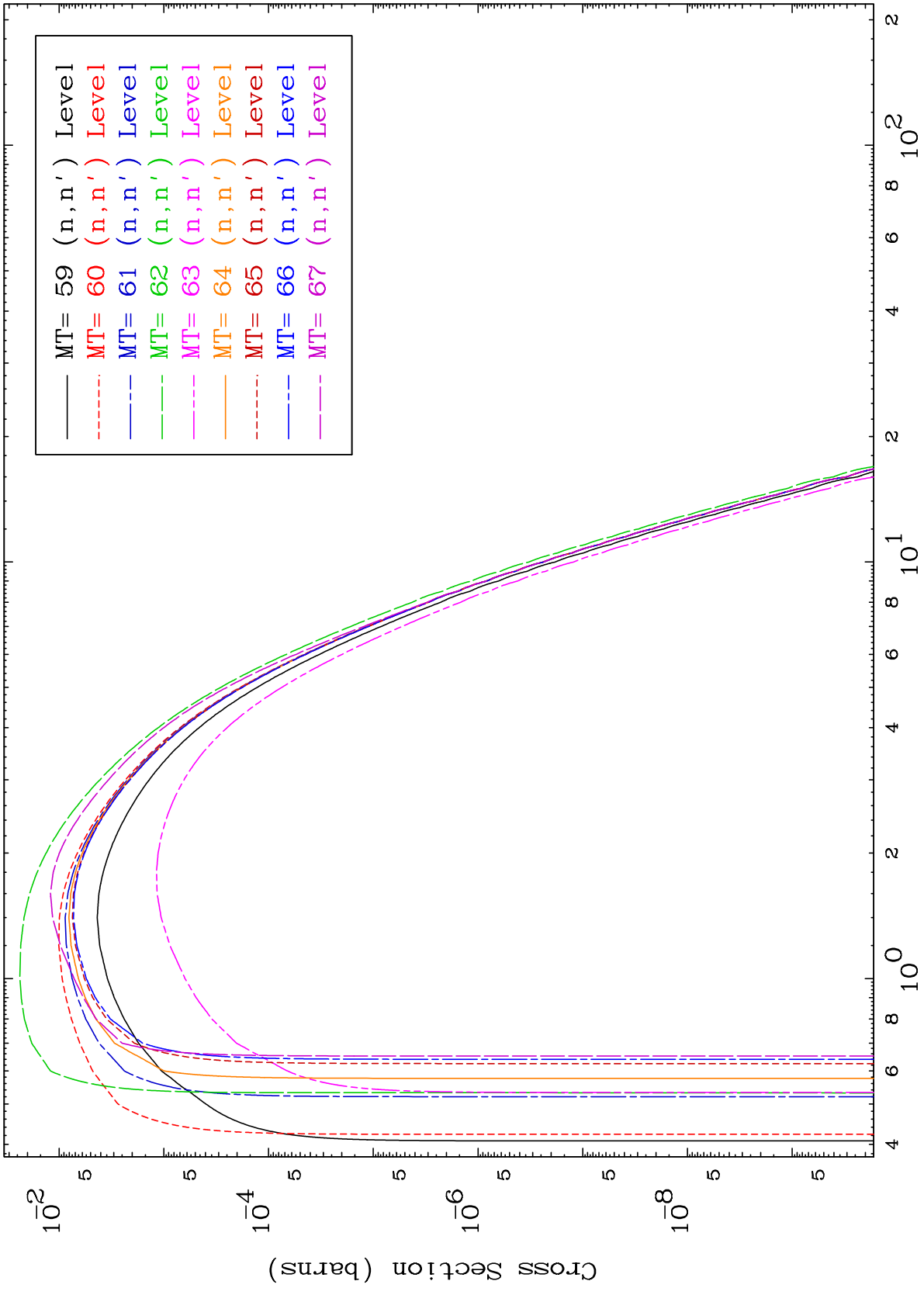
7

59-Pr-131

MAT 5896

(n,n') Level
293 Kelvin Cross Sections

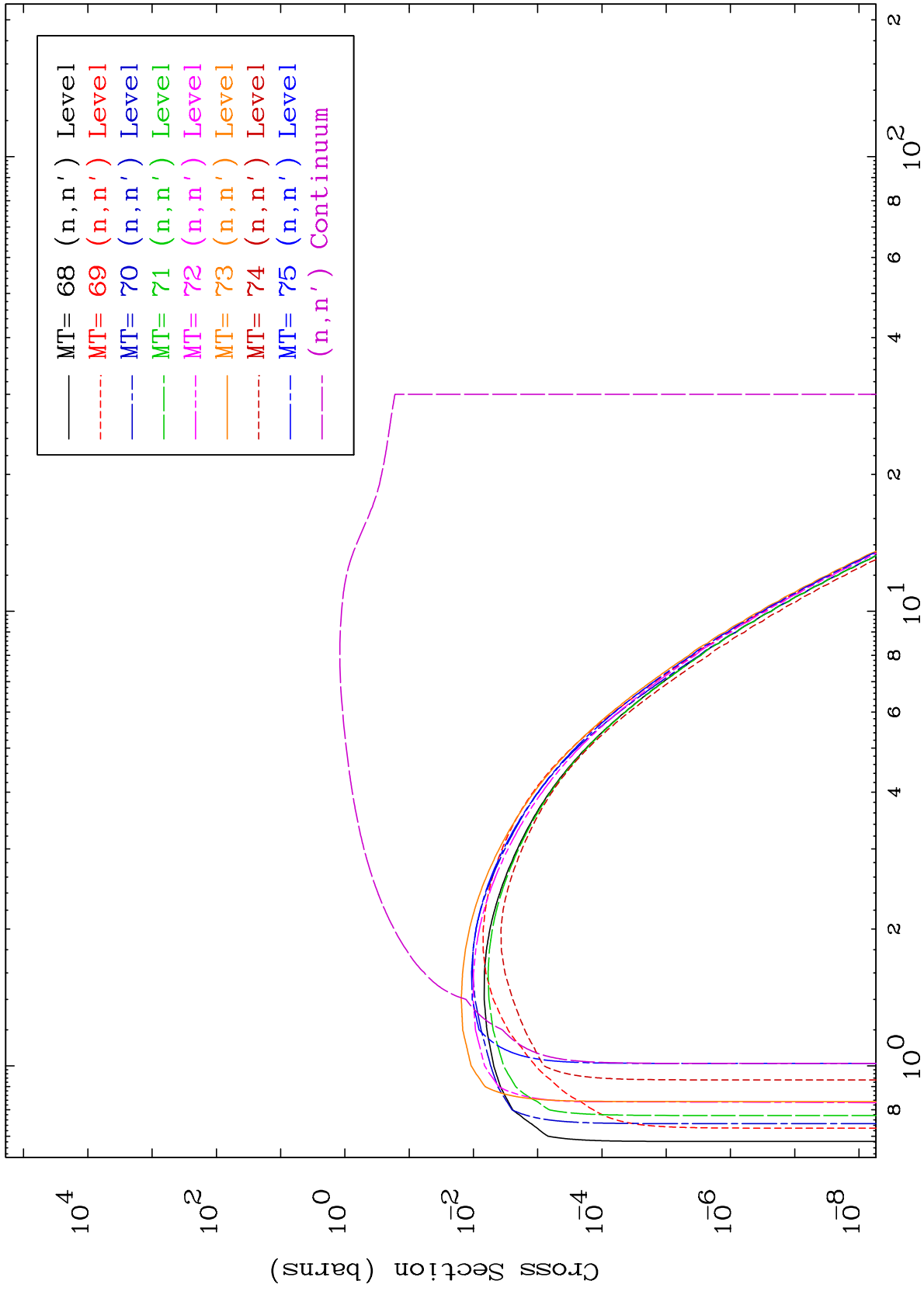
59-Pr-131



8

Incident Energy (MeV)

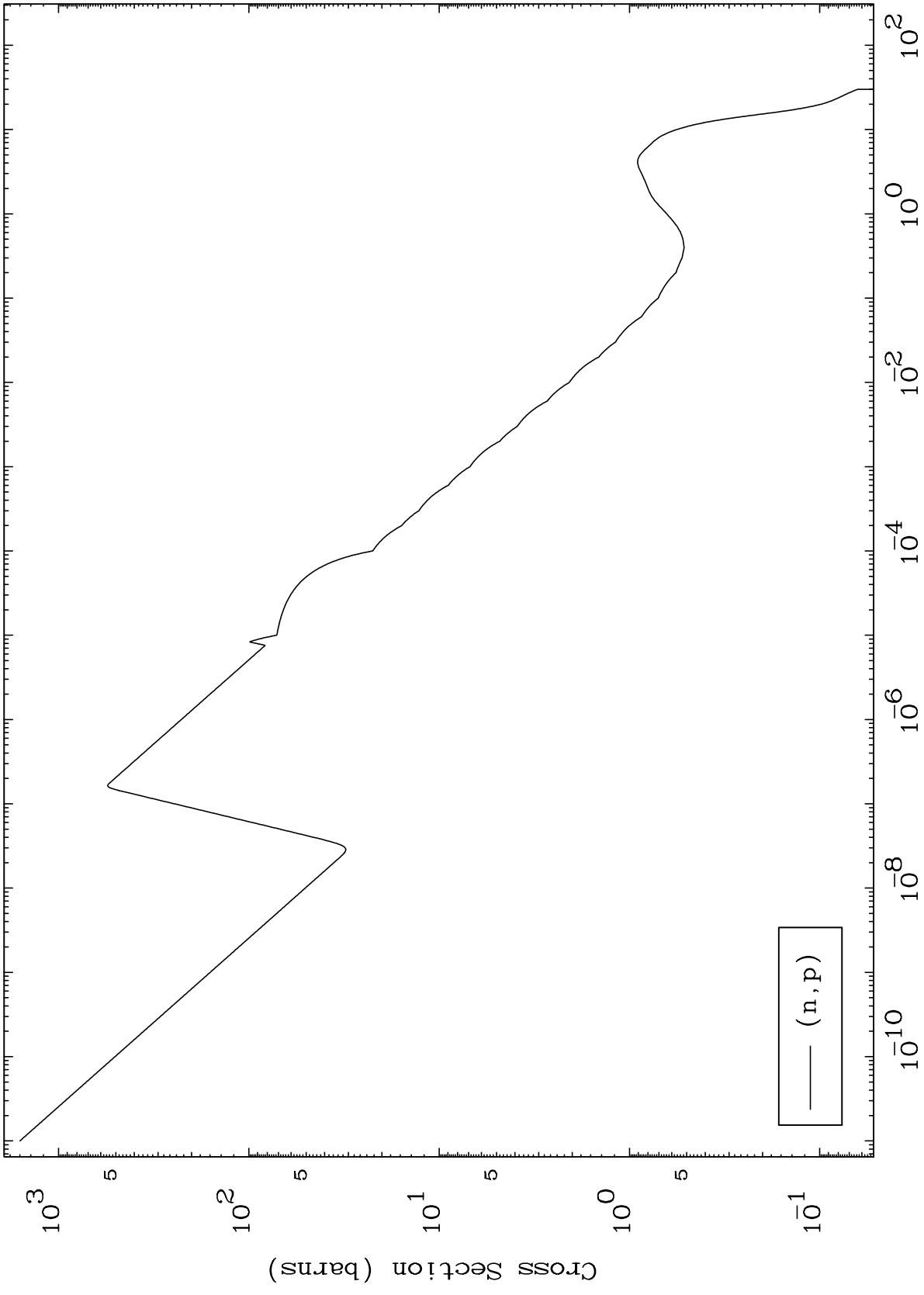
59-Pr-131



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(n,p) Levels
293 Kelvin Cross Sections

59-Pr-131



10

Incident Energy (MeV)

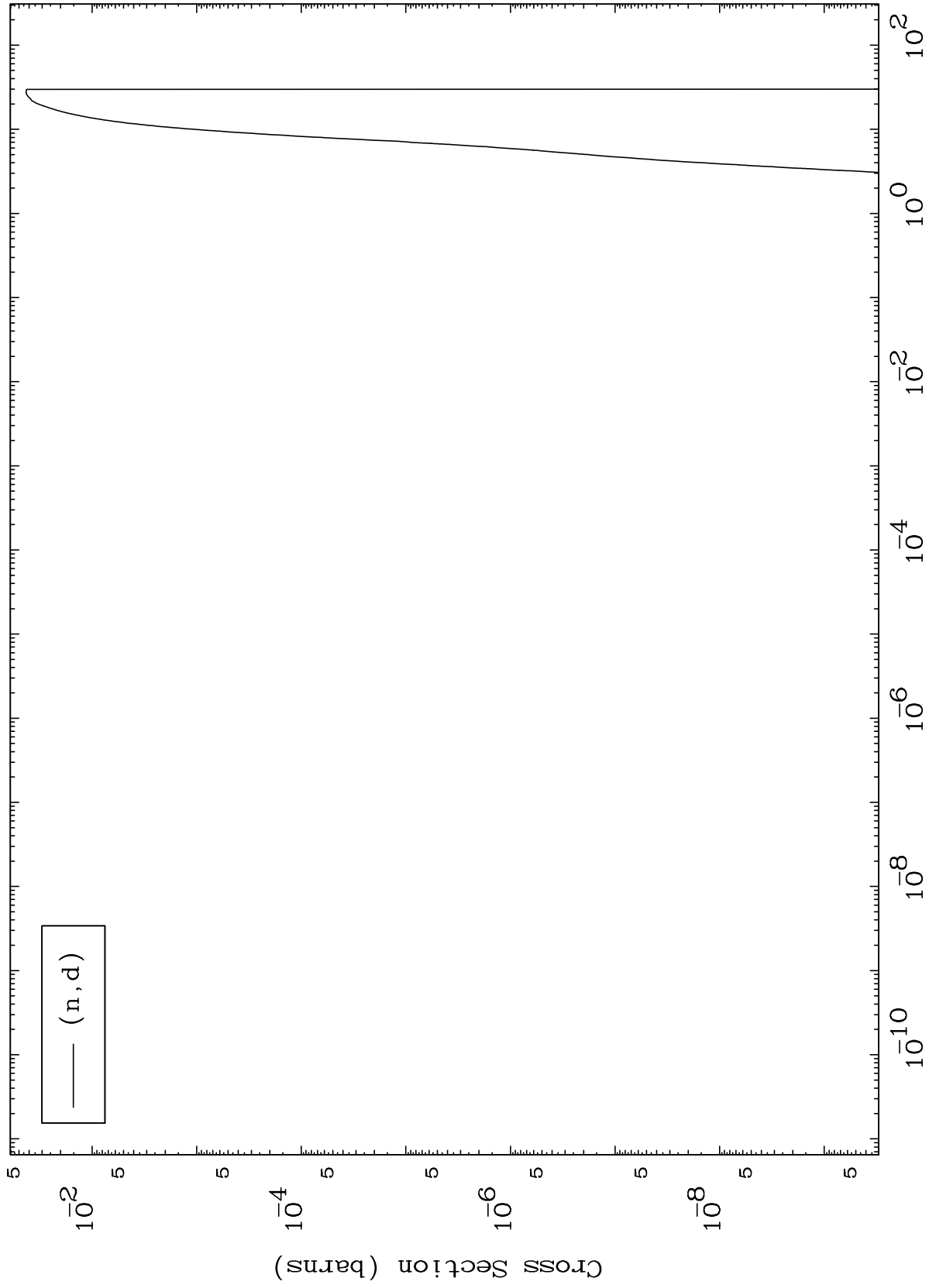
59-Pr-131

— (n,p)

MAT 5896

(n,d) Levels
293 Kelvin Cross Sections

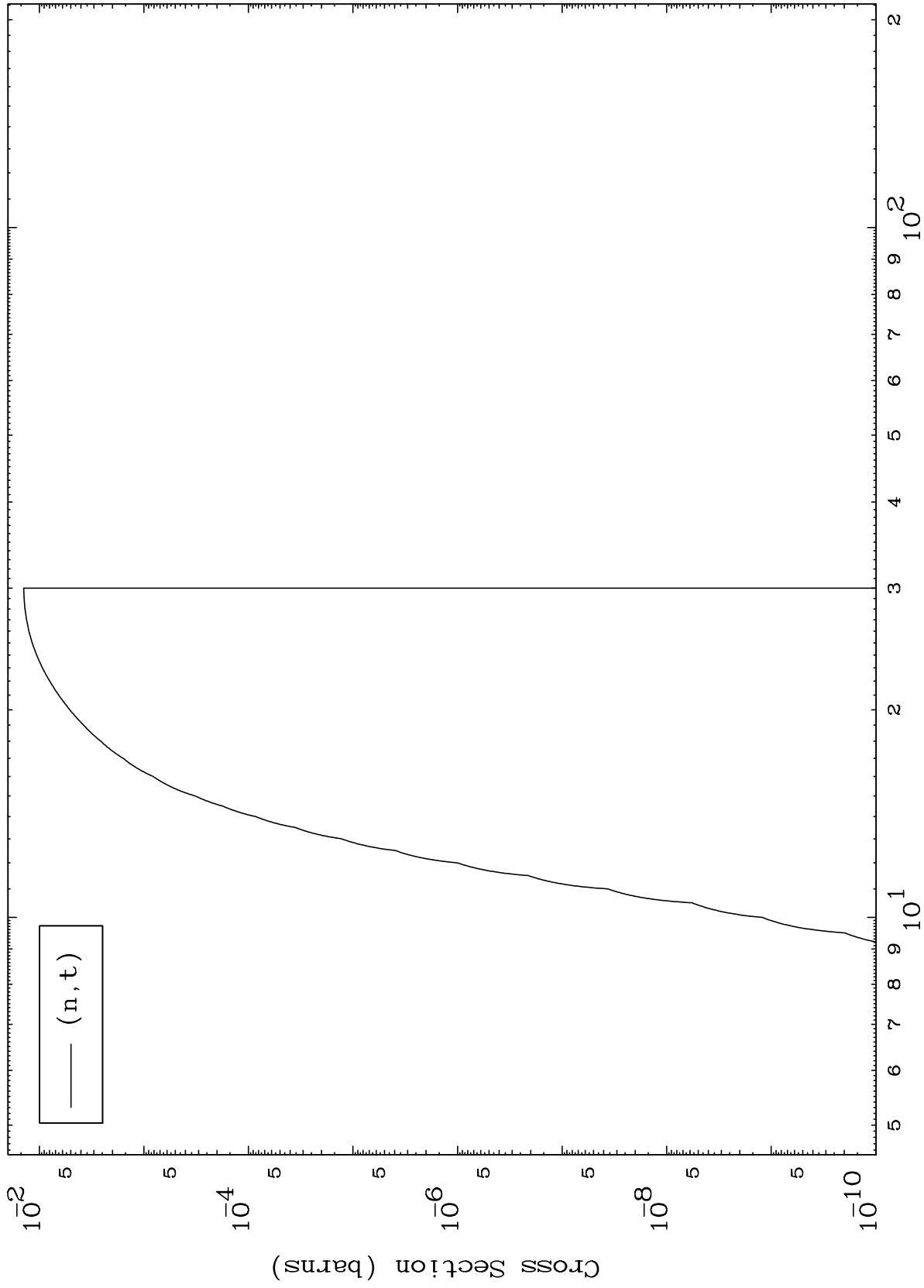
59-Pr-131



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(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131



12

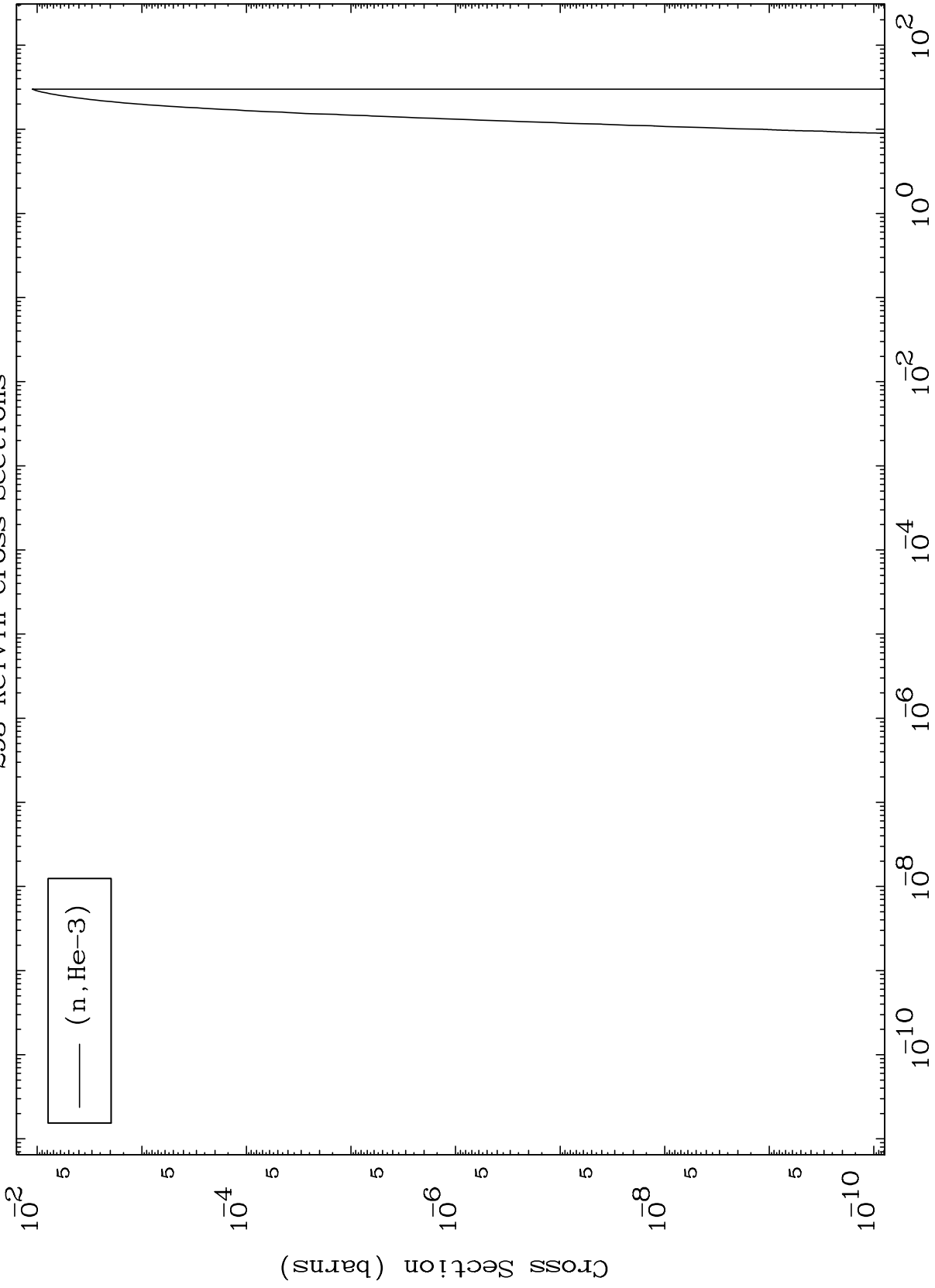
Incident Energy (MeV)

59-Pr-131

MAT 5896

(n,He3) Levels
293 Kelvin Cross Sections

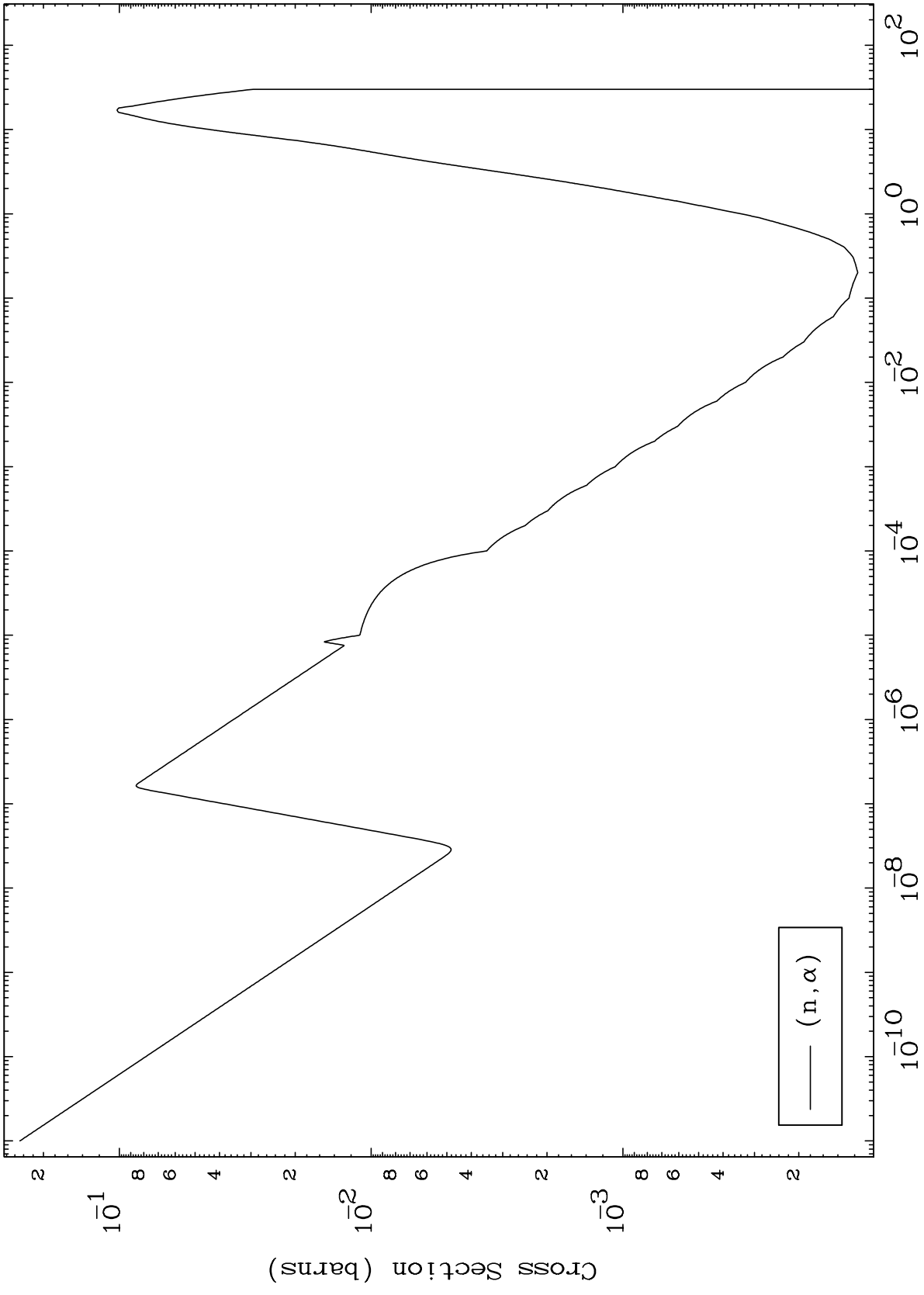
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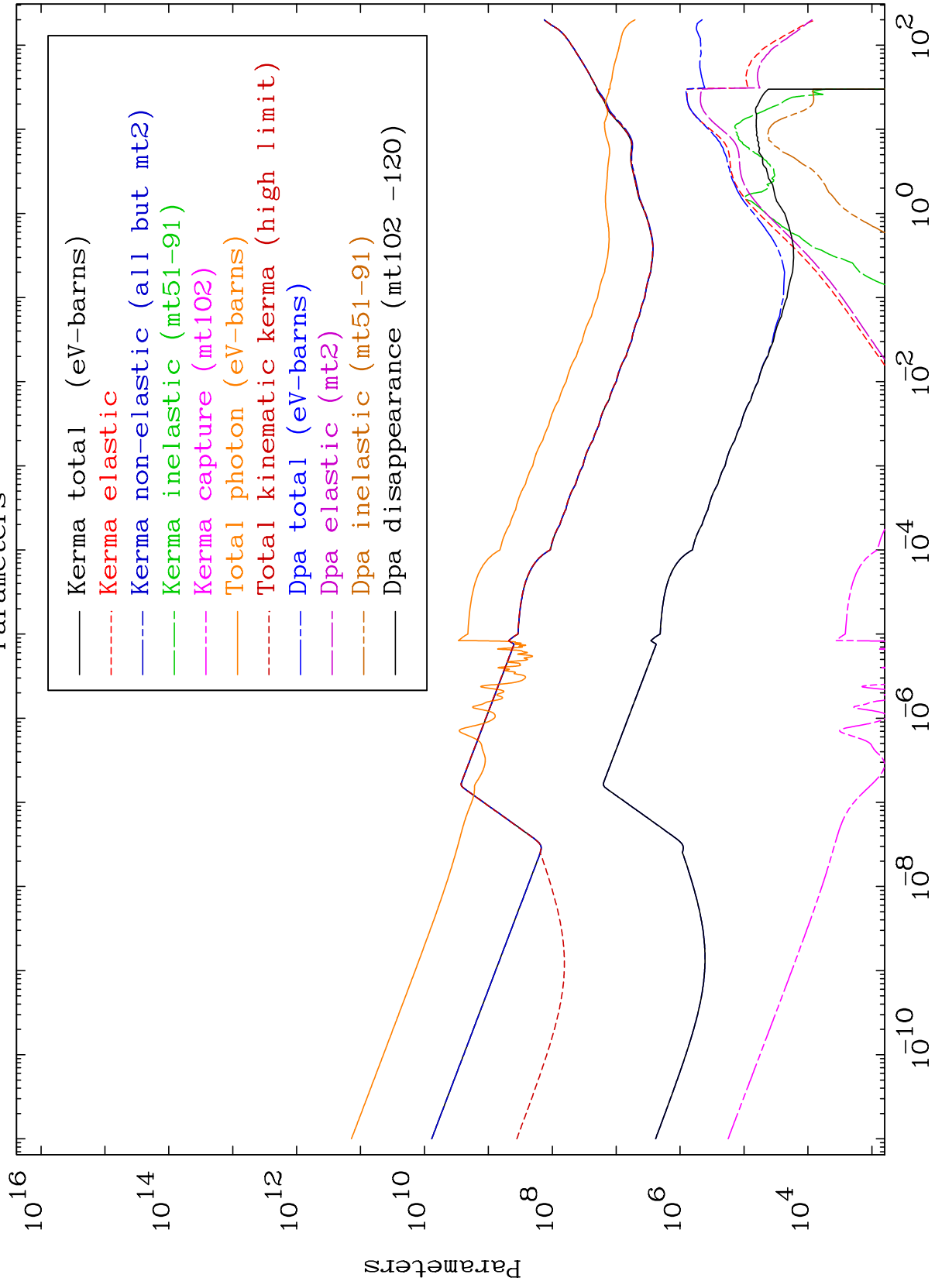


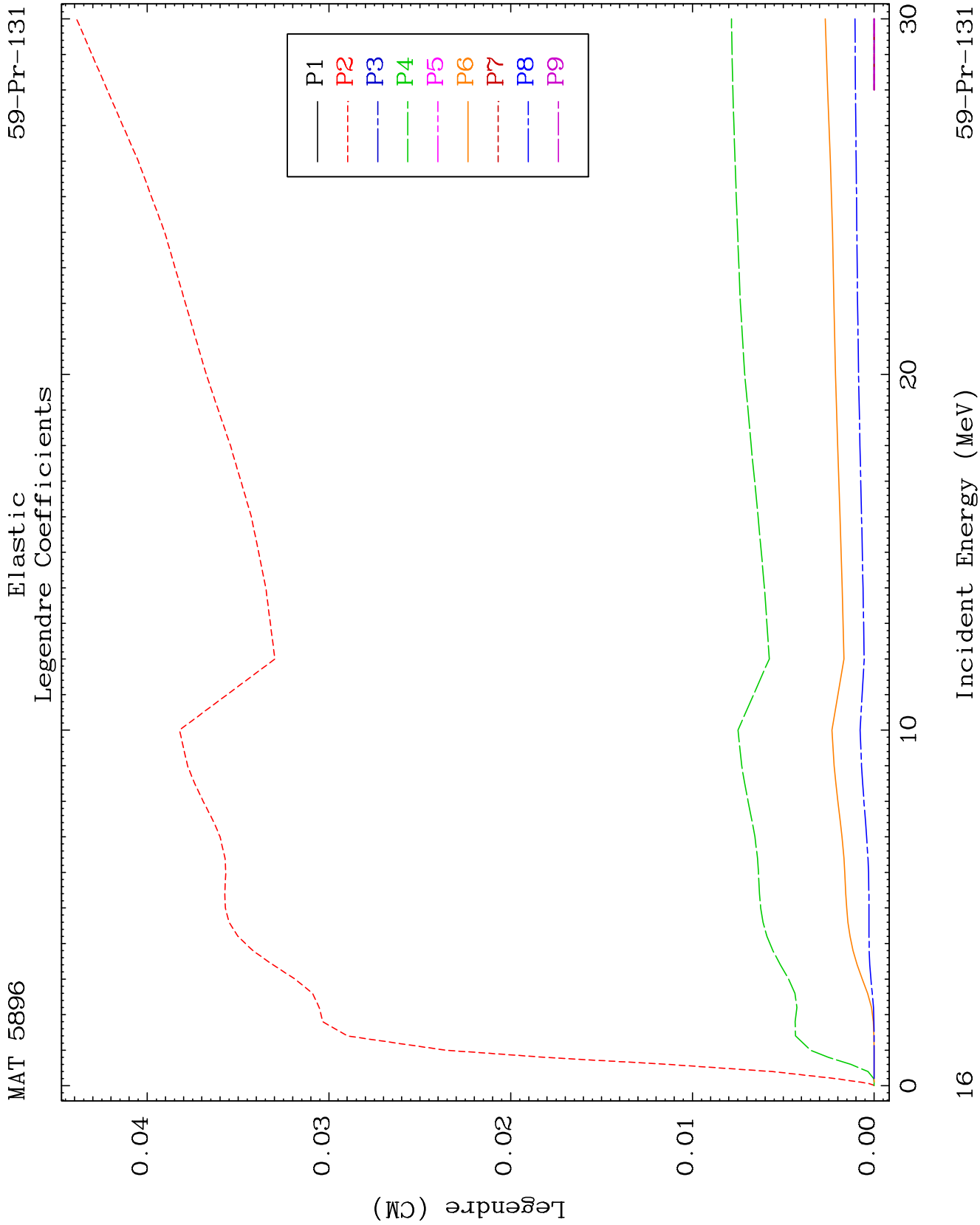
MAT 5896

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-131



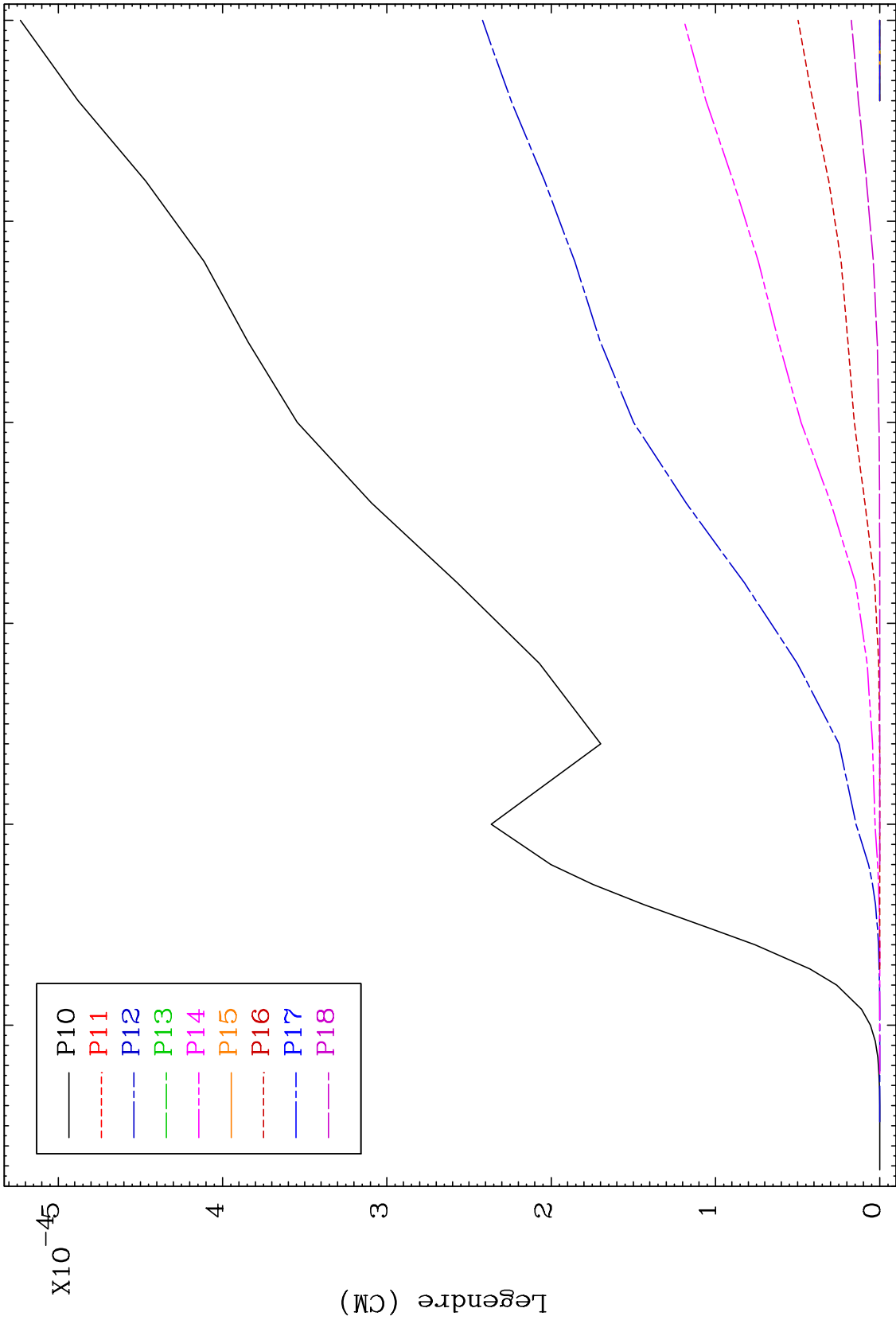




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Elastic Legendre Coefficients

59-Pr-131



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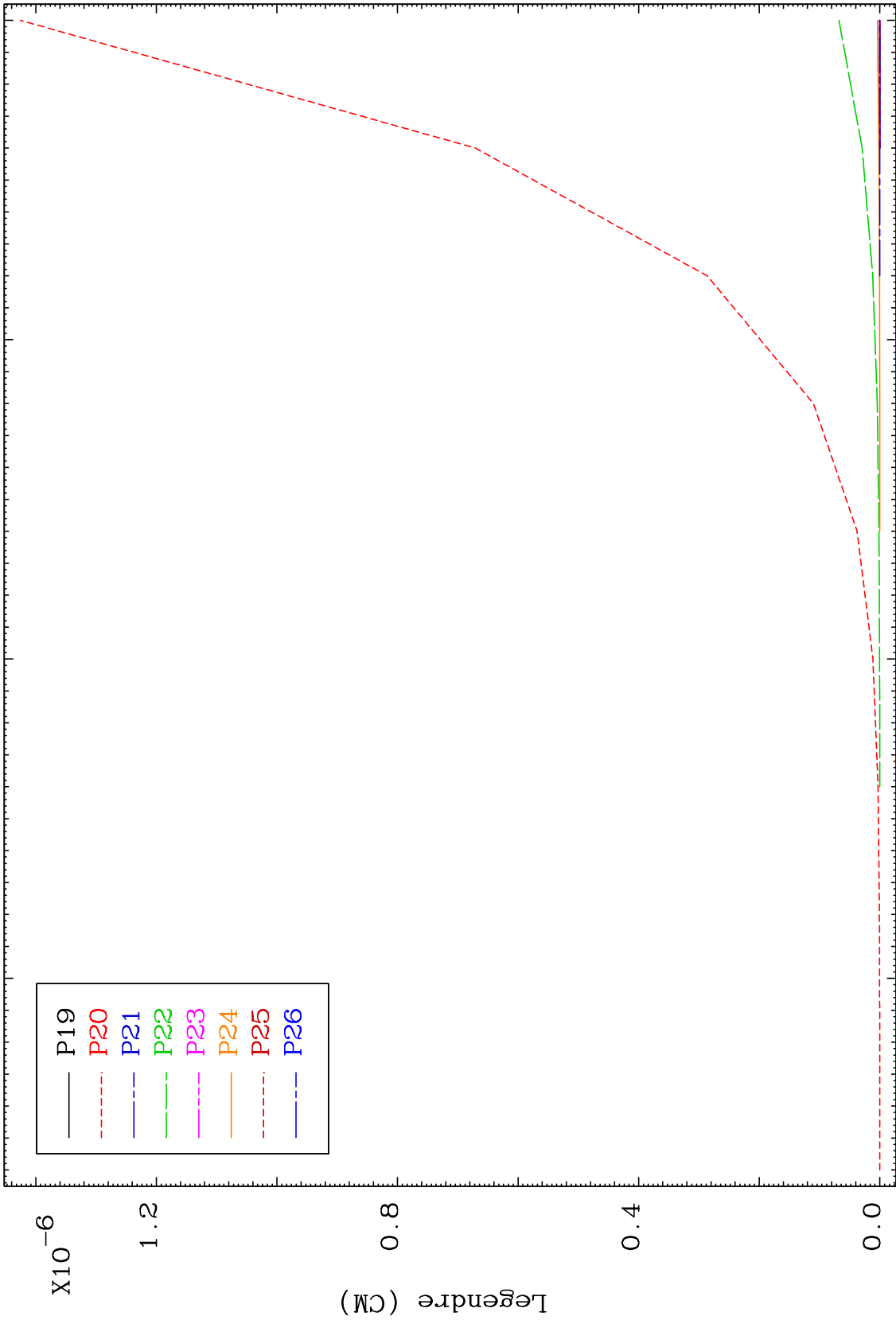
Incident Energy (MeV)

59-Pr-131

MAT 5896

Elastic Legendre Coefficients

59-Pr-131



18

Incident Energy (MeV)

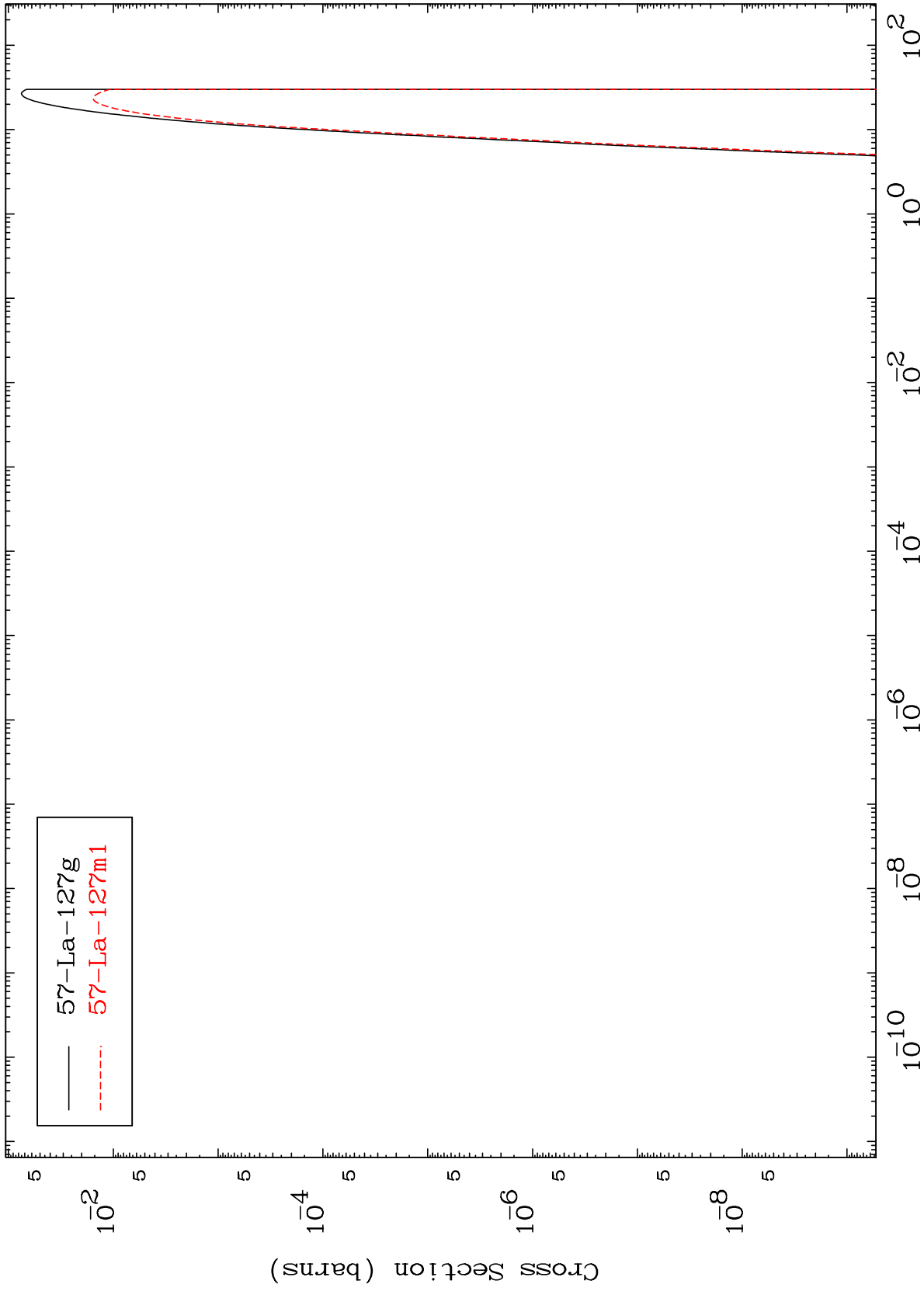
59-Pr-131

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(n,n') α

59-Pr-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

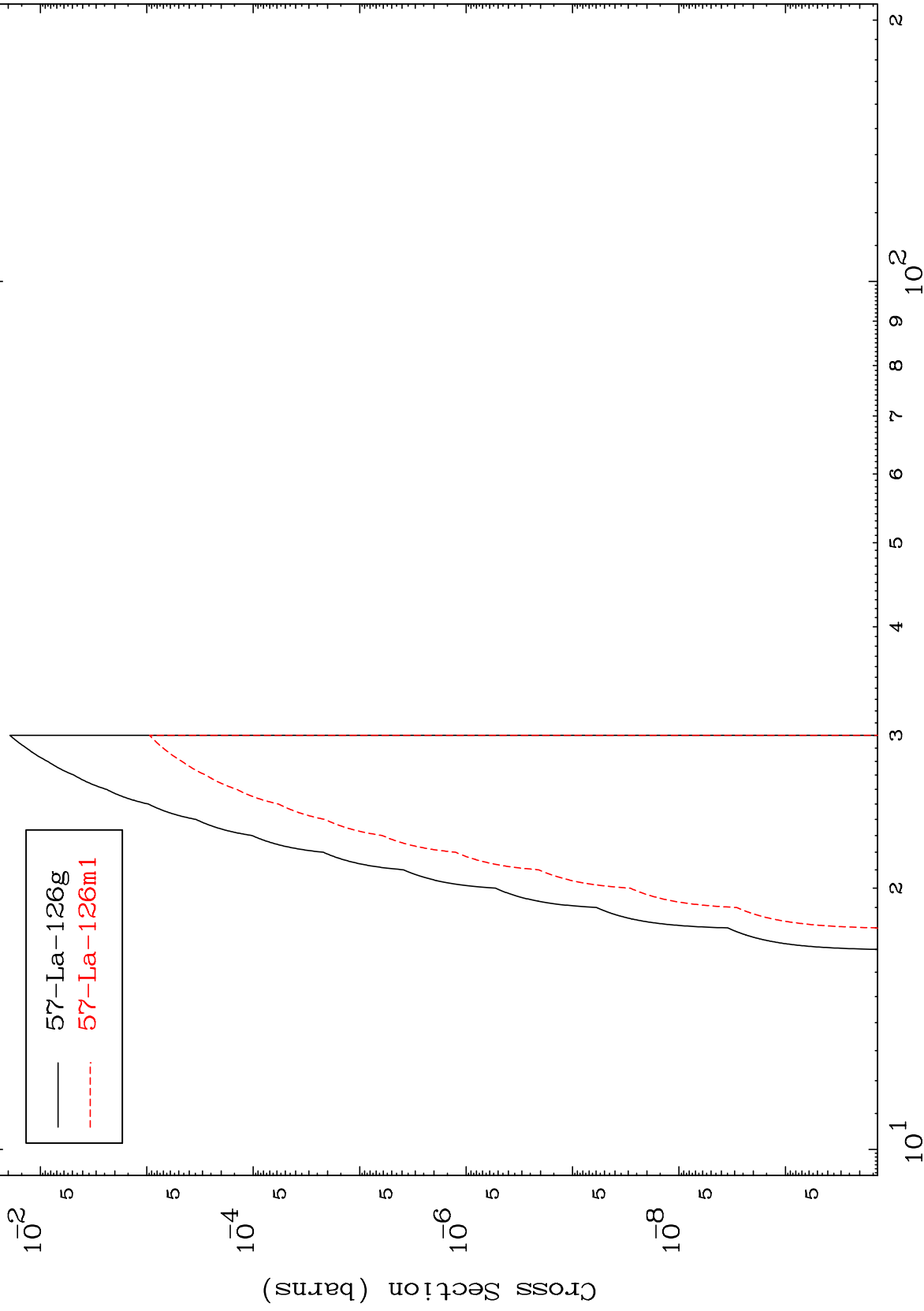
59-Pr-131

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(n,2n) α

59-Pr-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

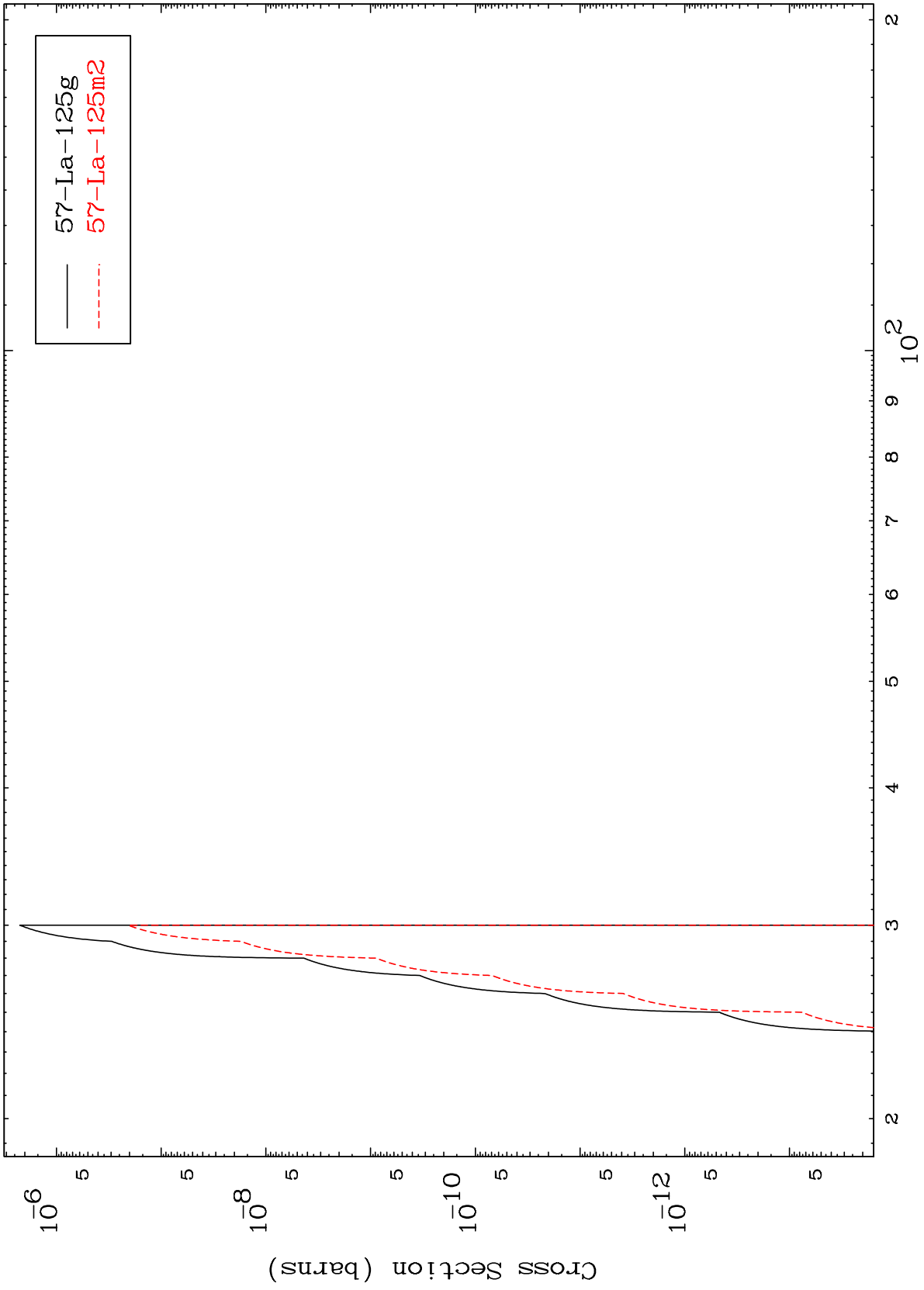
59-Pr-131

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(n,3n) α

59-Pr-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

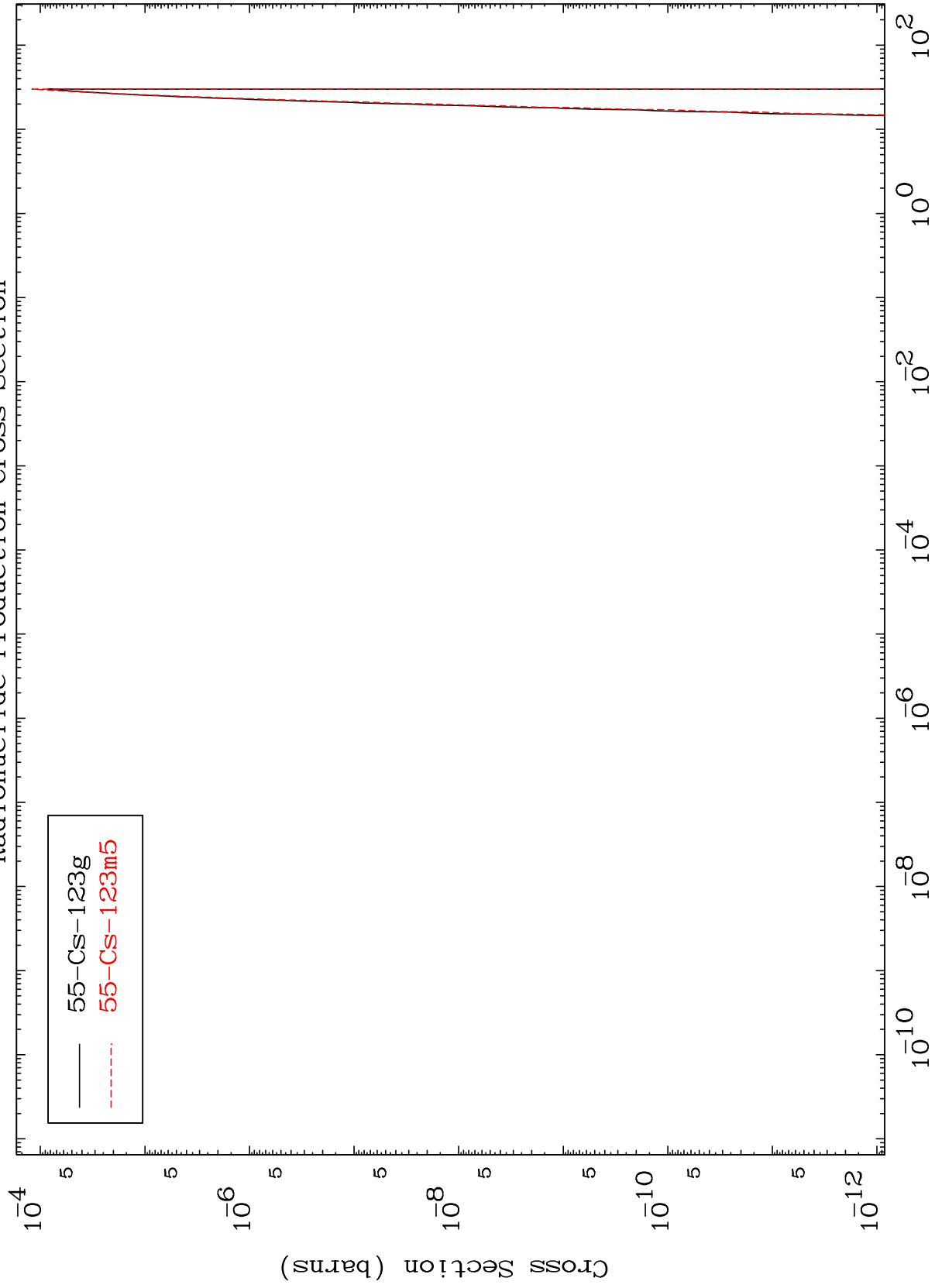
59-Pr-131

MAT 5896

(n,n') 2 α

59-Pr-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

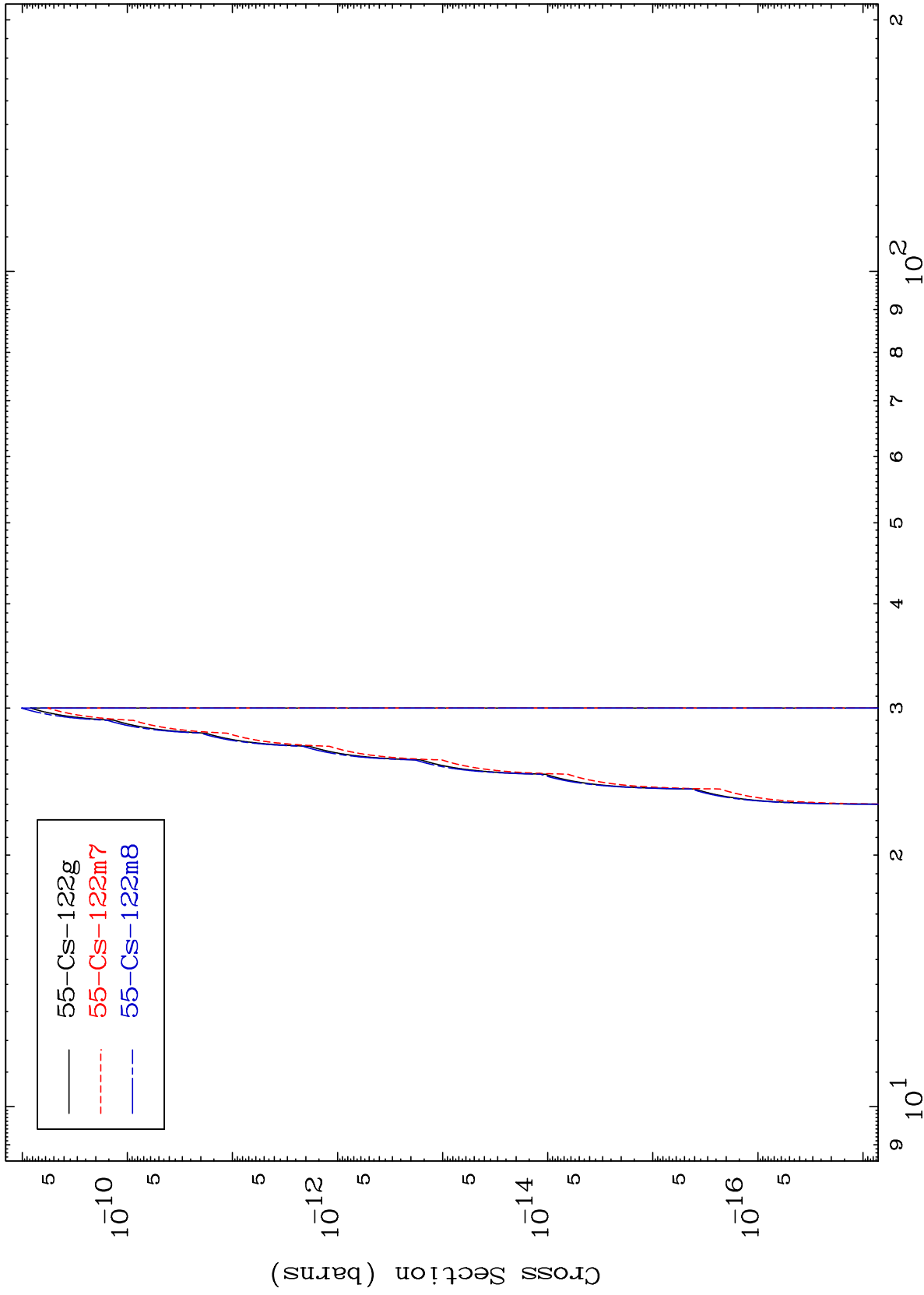
59-Pr-131

MAT 5896

(n,2n) 2α

59-Pr-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

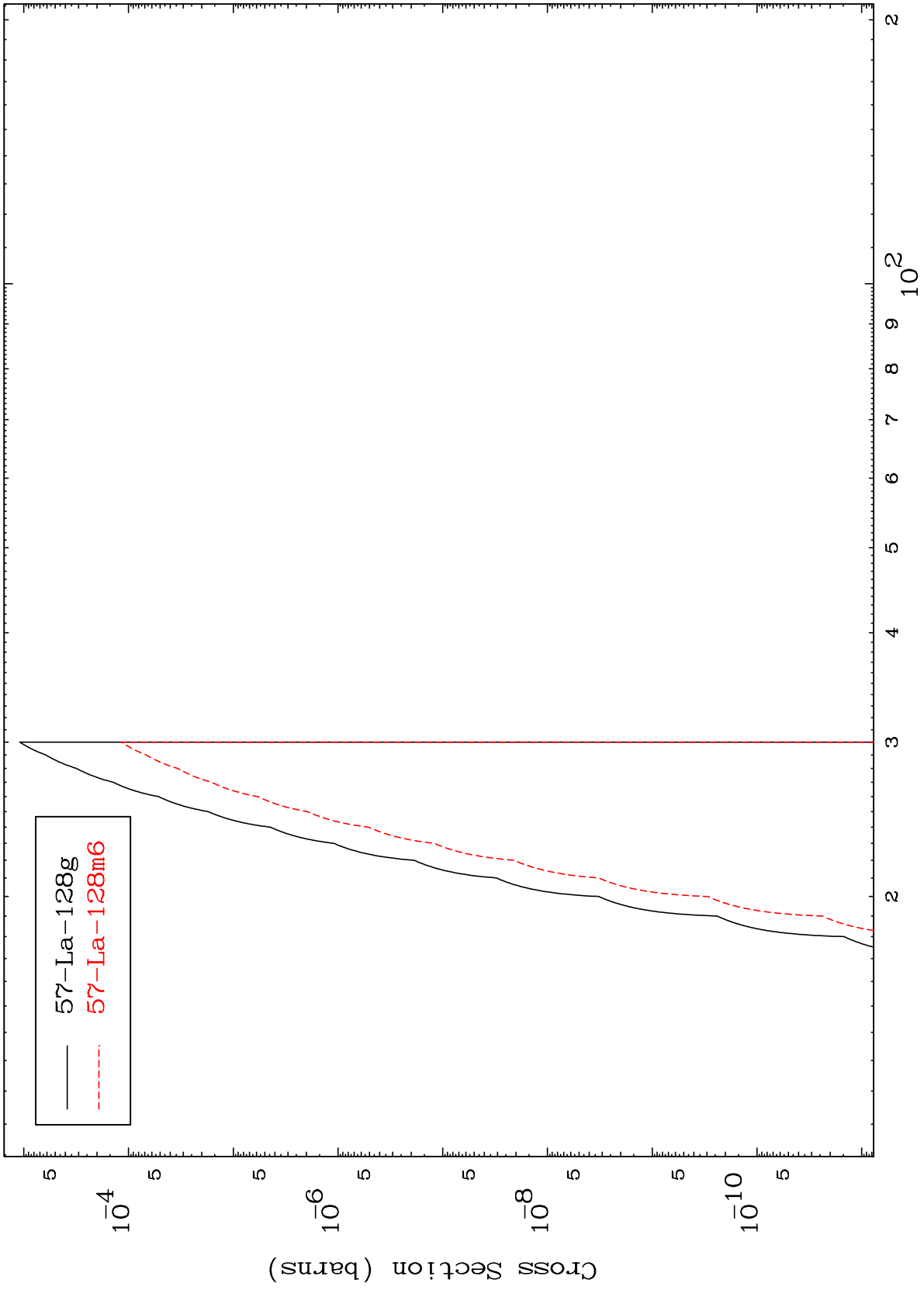
59-Pr-131

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(n, n') He-3

59-Pr-131

Radionuclide Production Cross Section



25

Incident Energy (MeV)

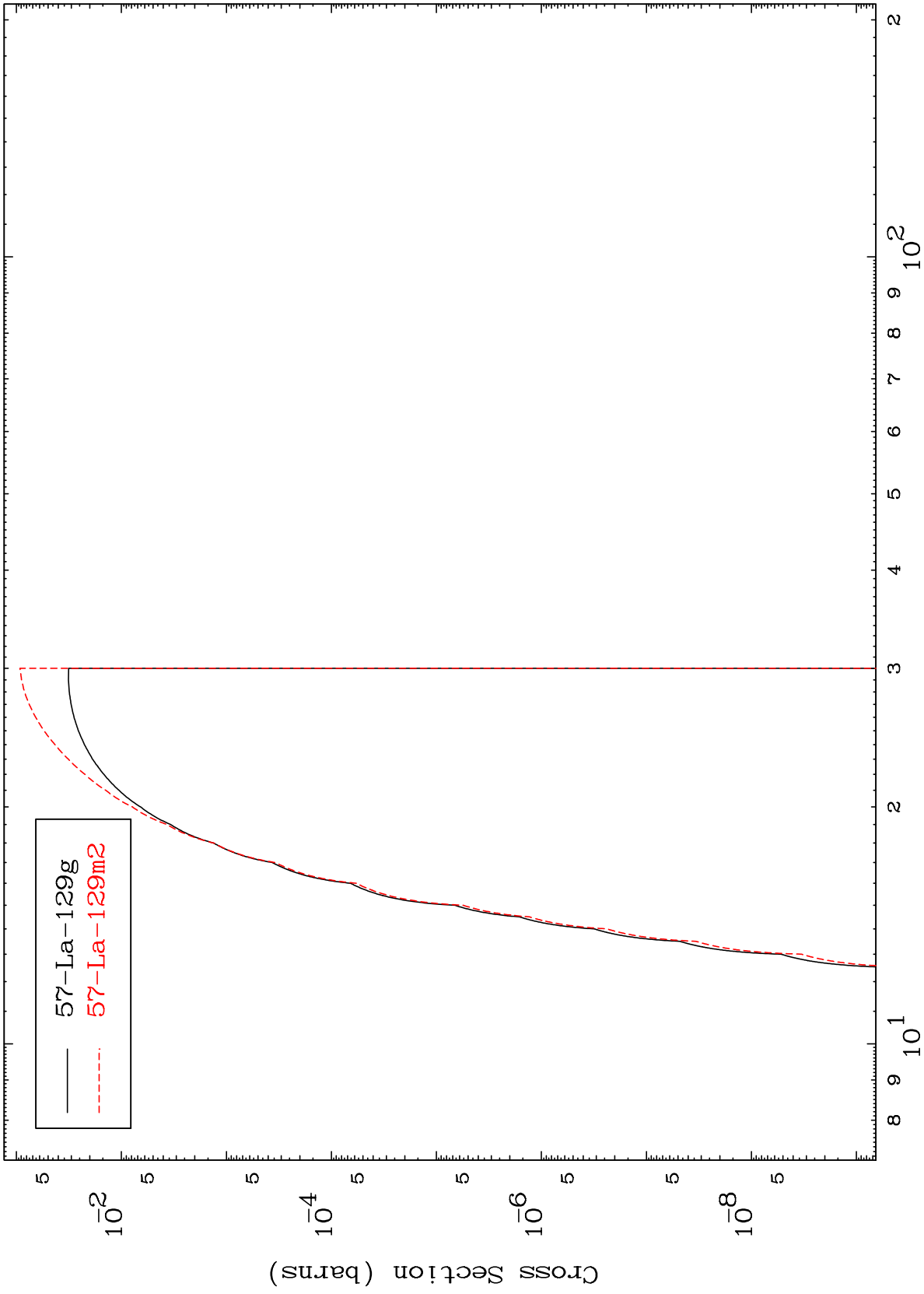
59-Pr-131

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(n,2n) p

59-Pr-131

Radionuclide Production Cross Section



26

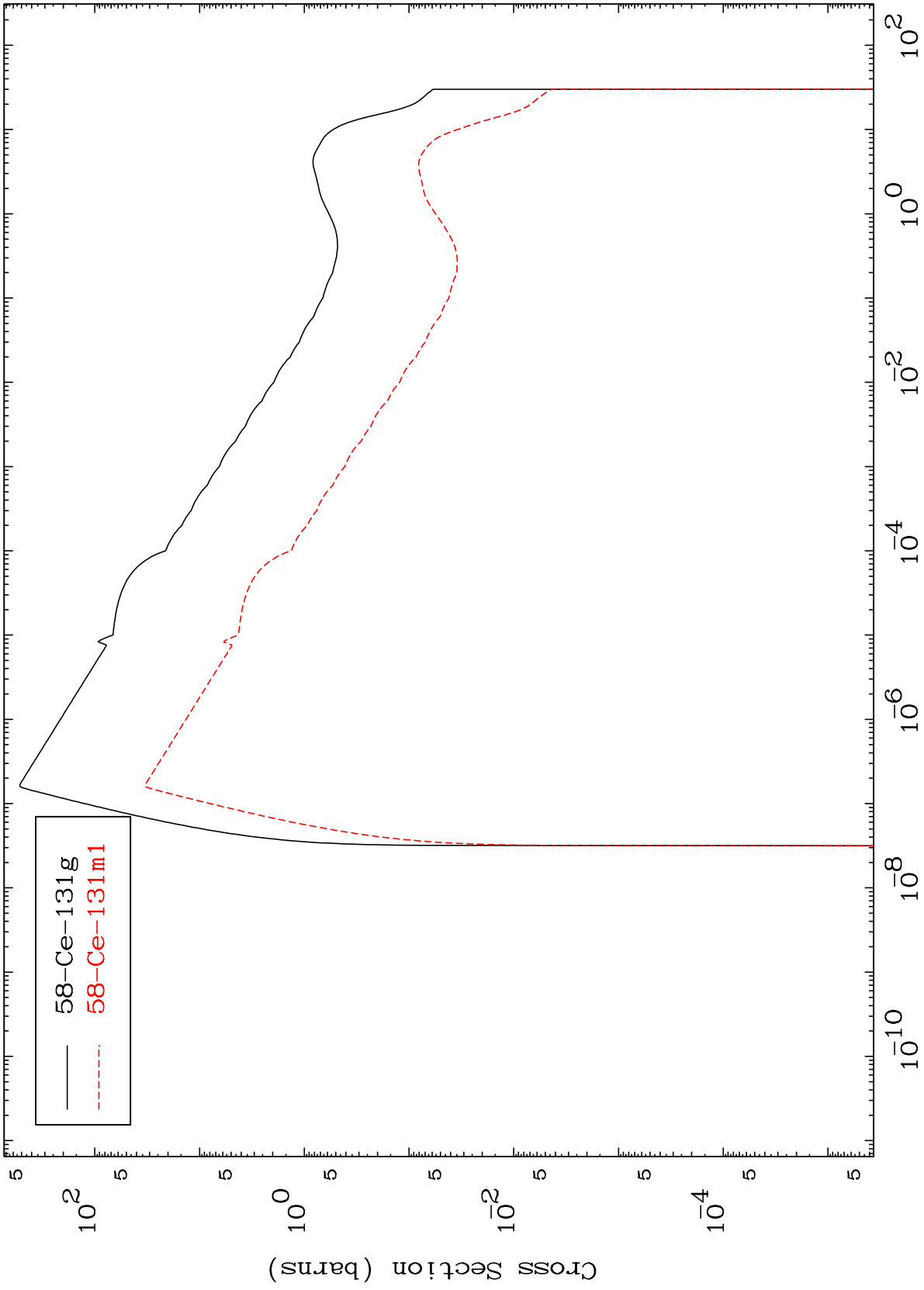
Incident Energy (MeV)

59-Pr-131

MAT 5896

59-Pr-131

(n,p)
Radionuclide Production Cross Section



27

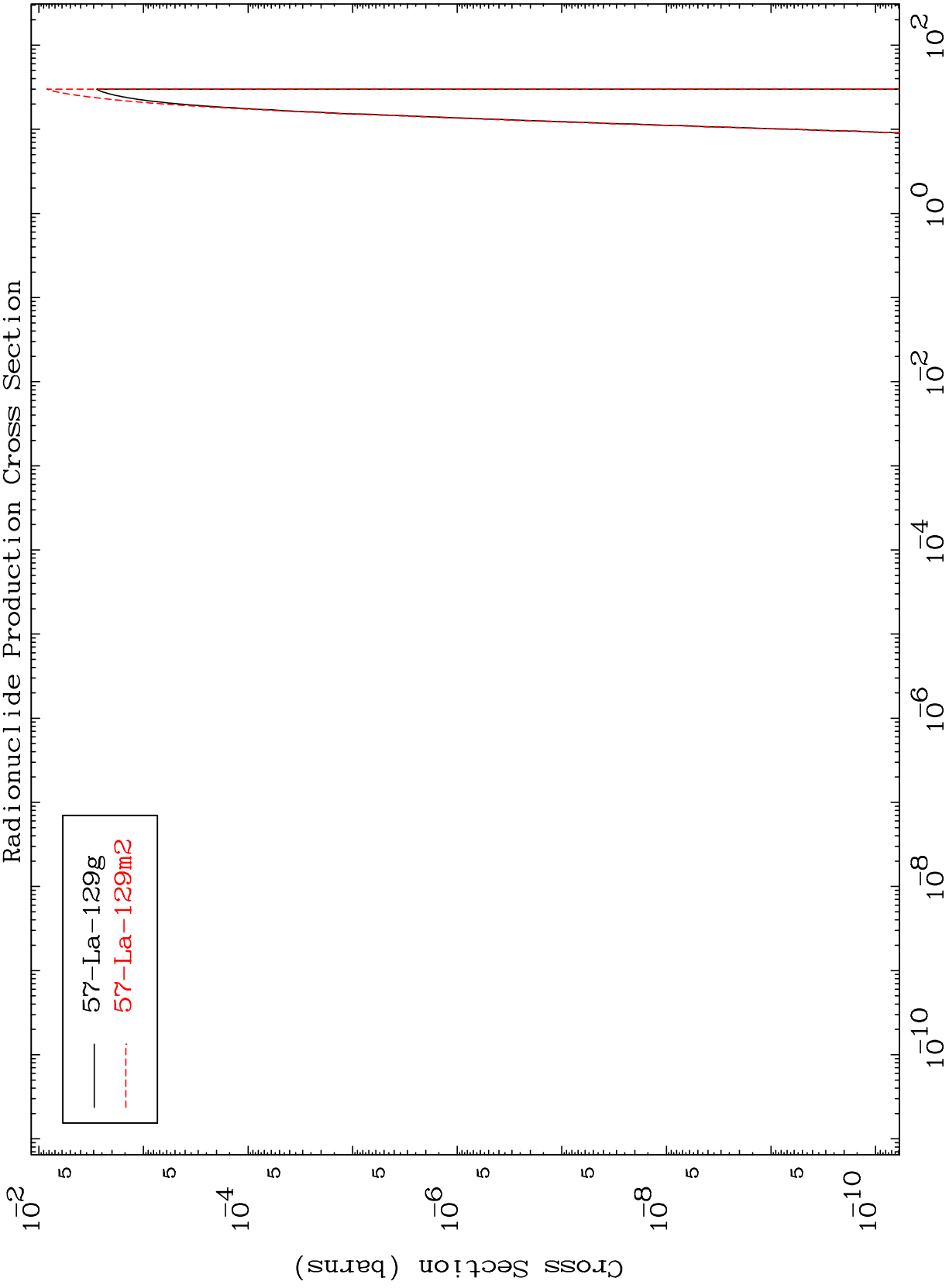
59-Pr-131

MAT 5896

(n, He-3)

59-Pr-131

Radionuclide Production Cross Section



28

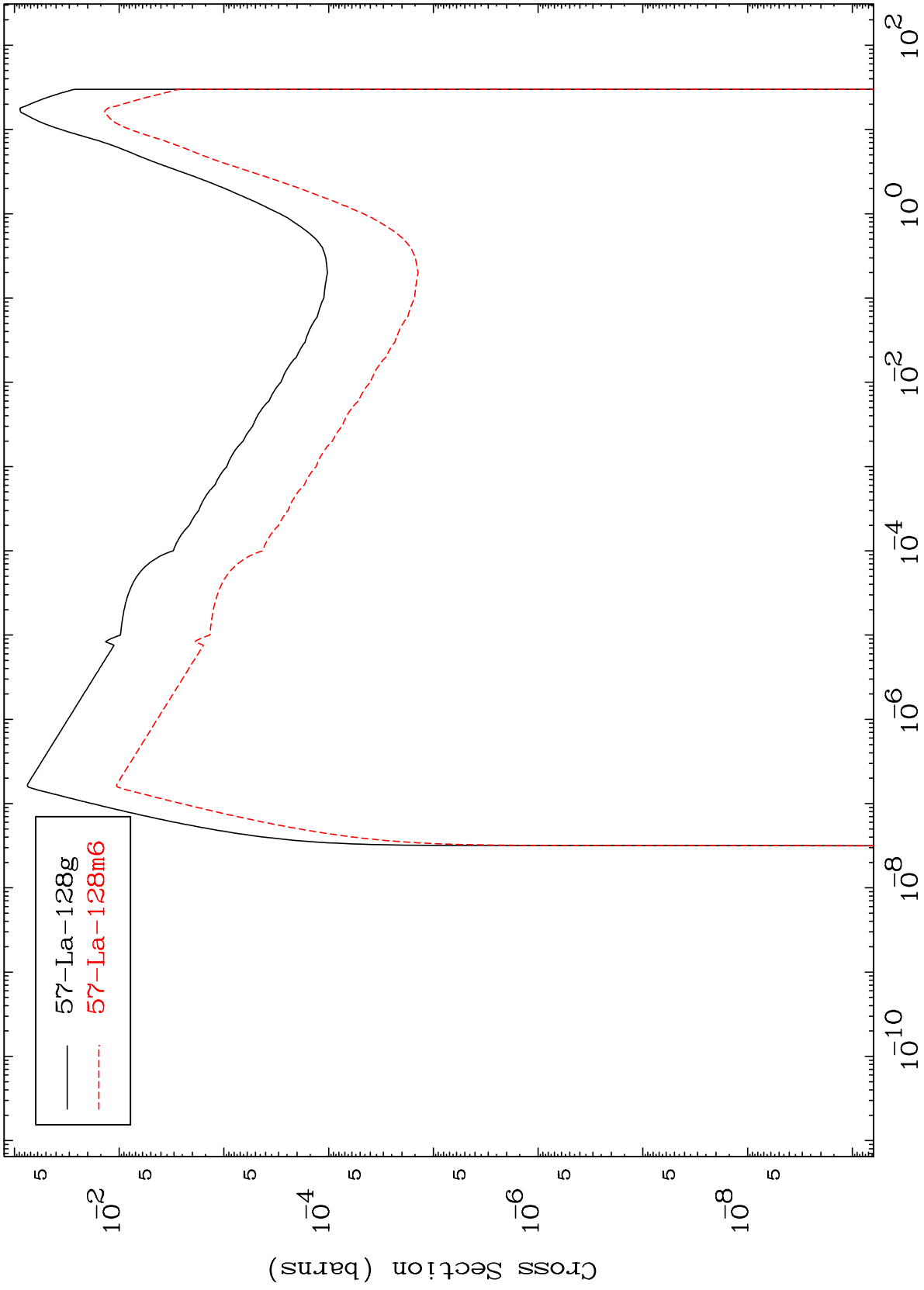
59-Pr-131

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(n,α)

59-Pr-131

Radionuclide Production Cross Section



29

Incident Energy (MeV)

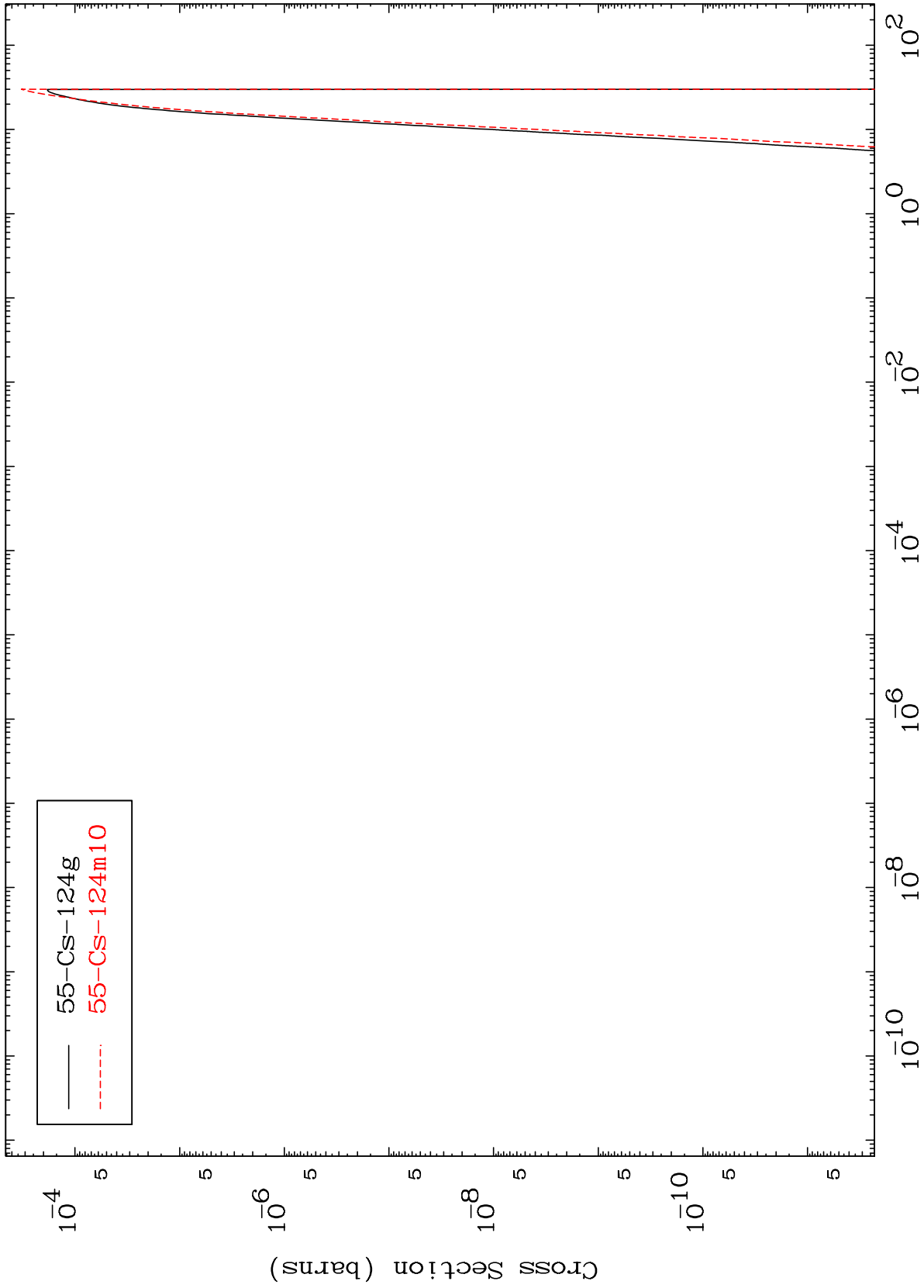
59-Pr-131

MAT 5896

(n,2α)

59-Pr-131

Radionuclide Production Cross Section



30

Incident Energy (MeV)

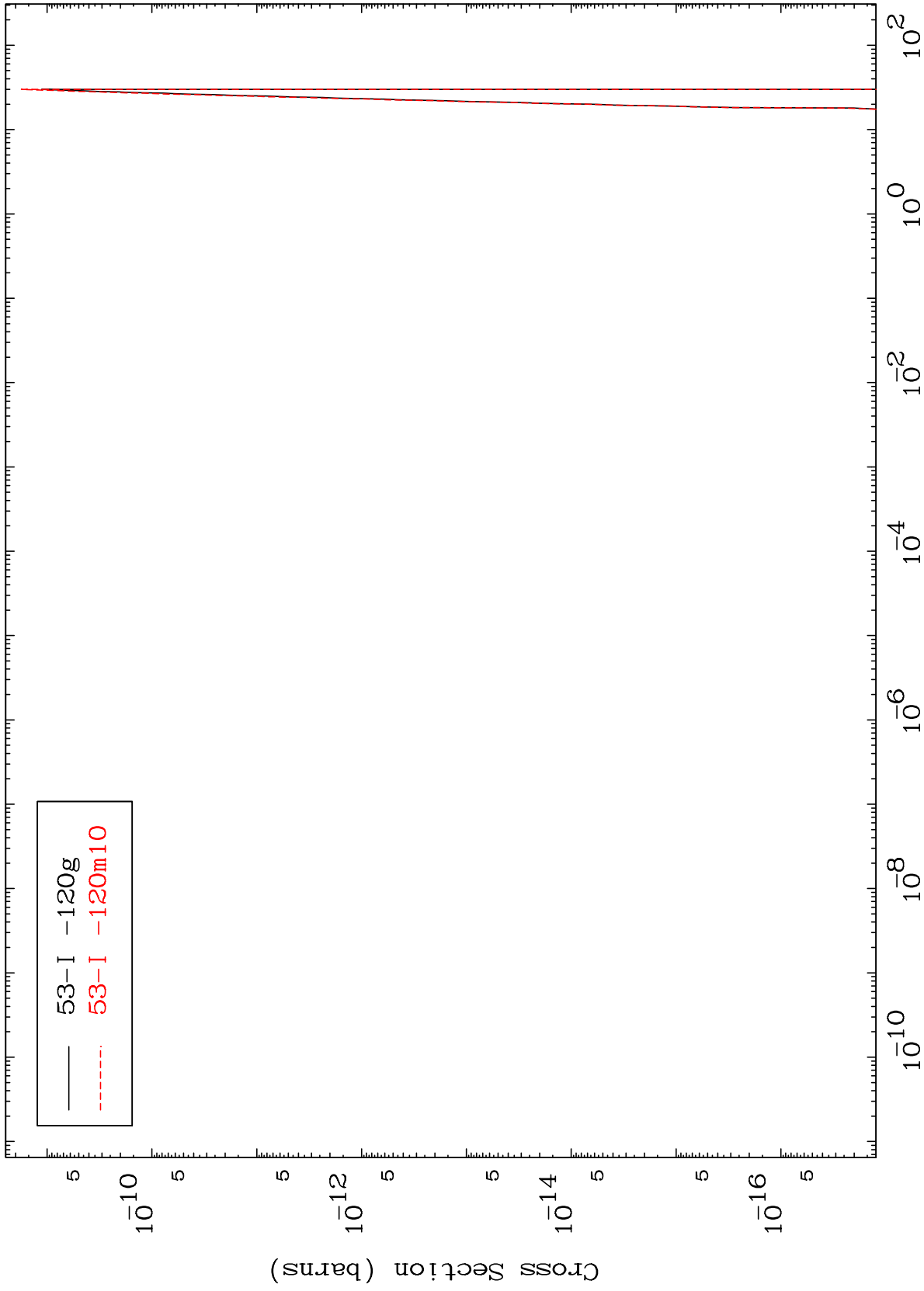
59-Pr-131

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(n,3α)

59-Pr-131

Radionuclide Production Cross Section



31

Incident Energy (MeV)

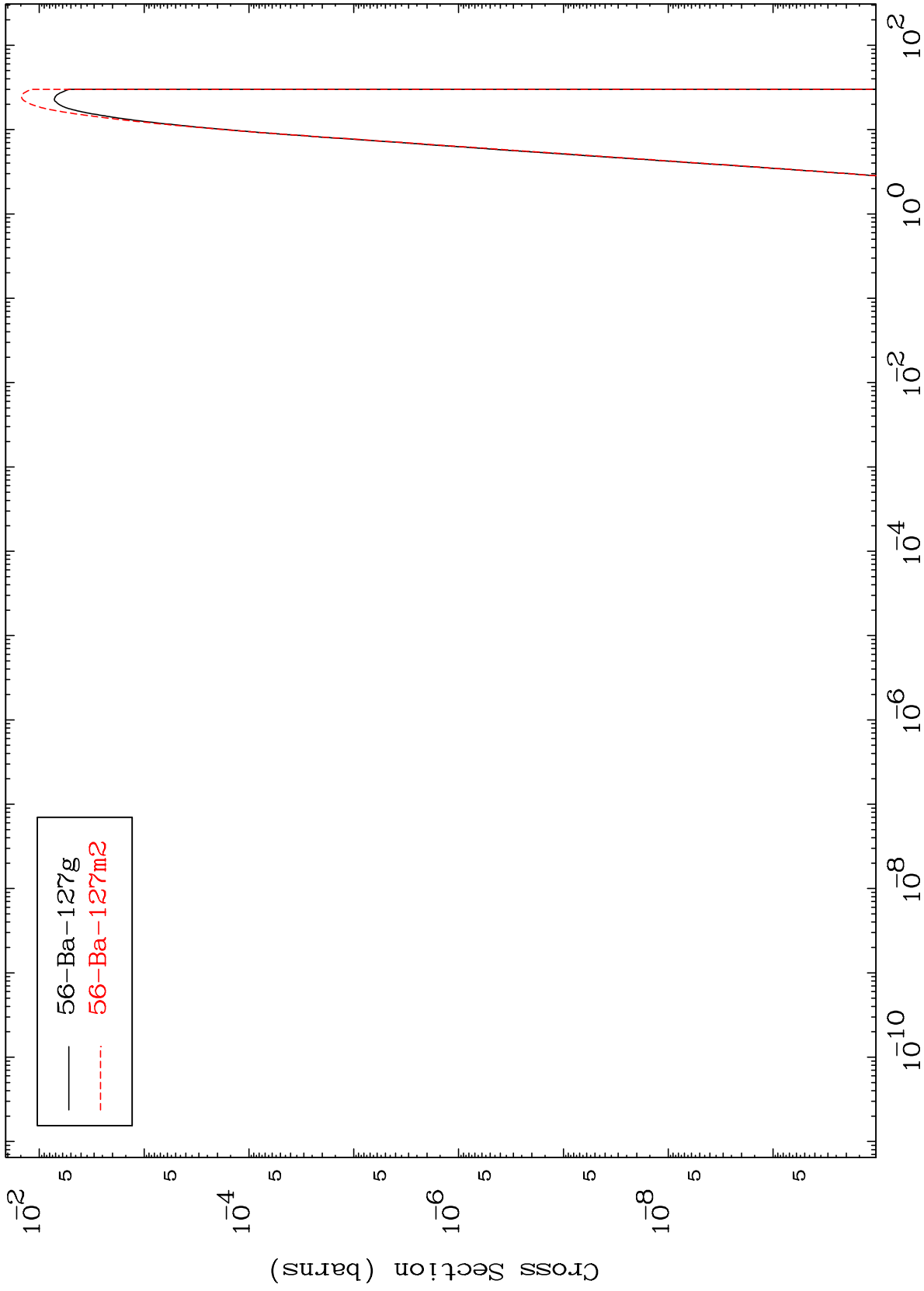
59-Pr-131

MAT 5896

(n,p) α

59-Pr-131

Radionuclide Production Cross Section



32

Incident Energy (MeV)

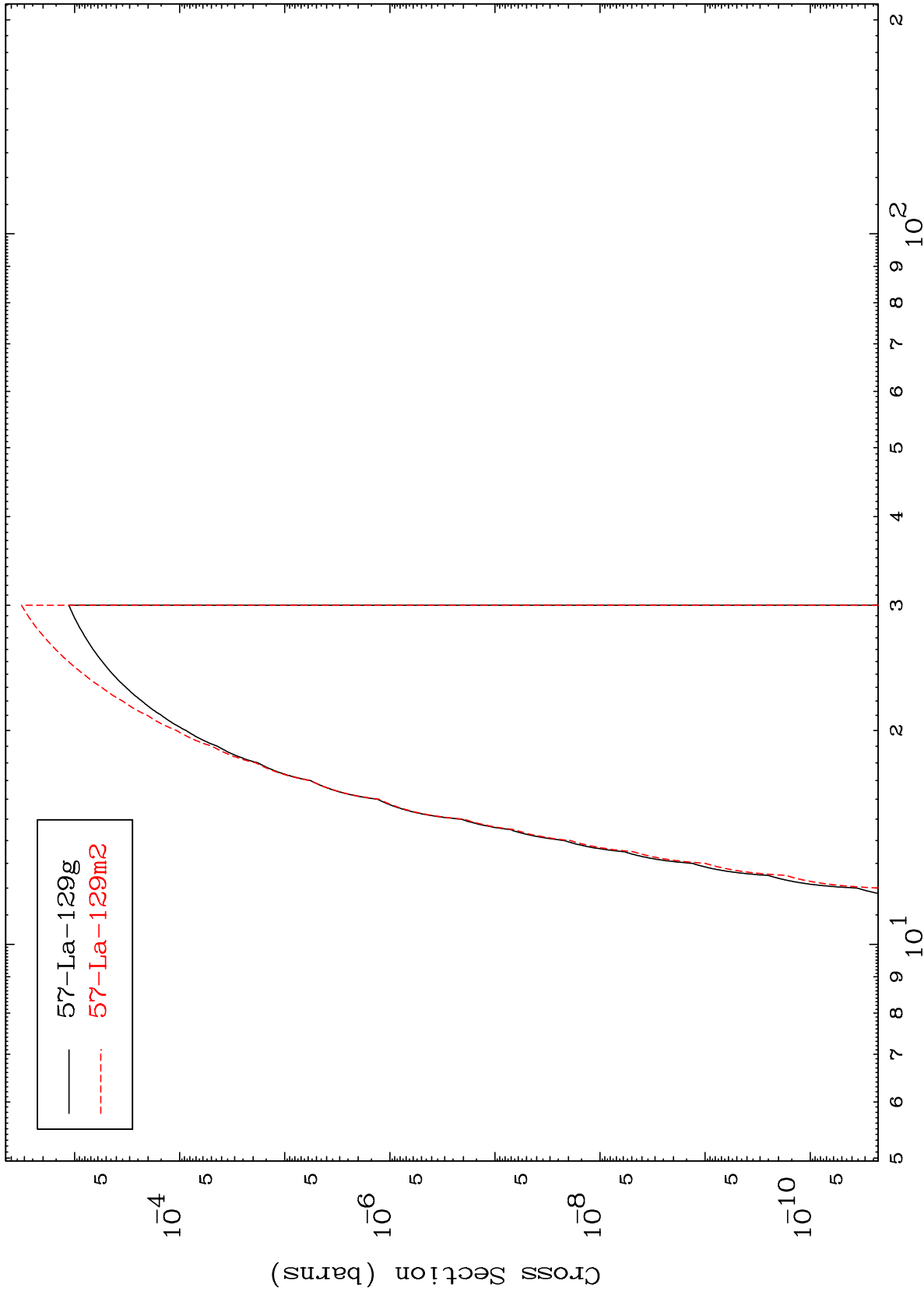
59-Pr-131

MAT 5896

(n,p) d

59-Pr-131

Radionuclide Production Cross Section



33

Incident Energy (MeV)

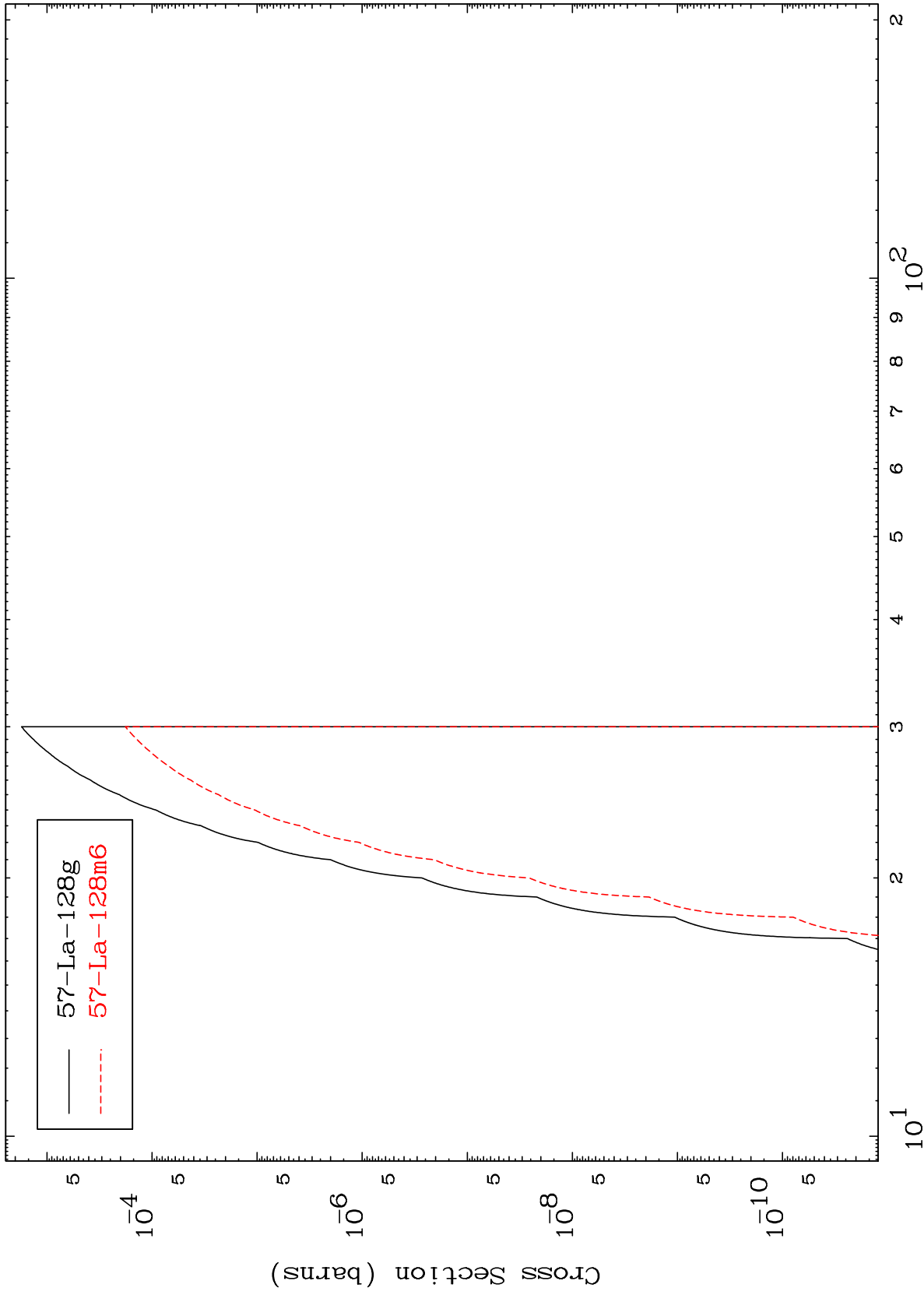
59-Pr-131

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(n,p) t

59-Pr-131

Radionuclide Production Cross Section



34

Incident Energy (MeV)

59-Pr-131