

Program EVALPLOT
(Version 2018-1)

by

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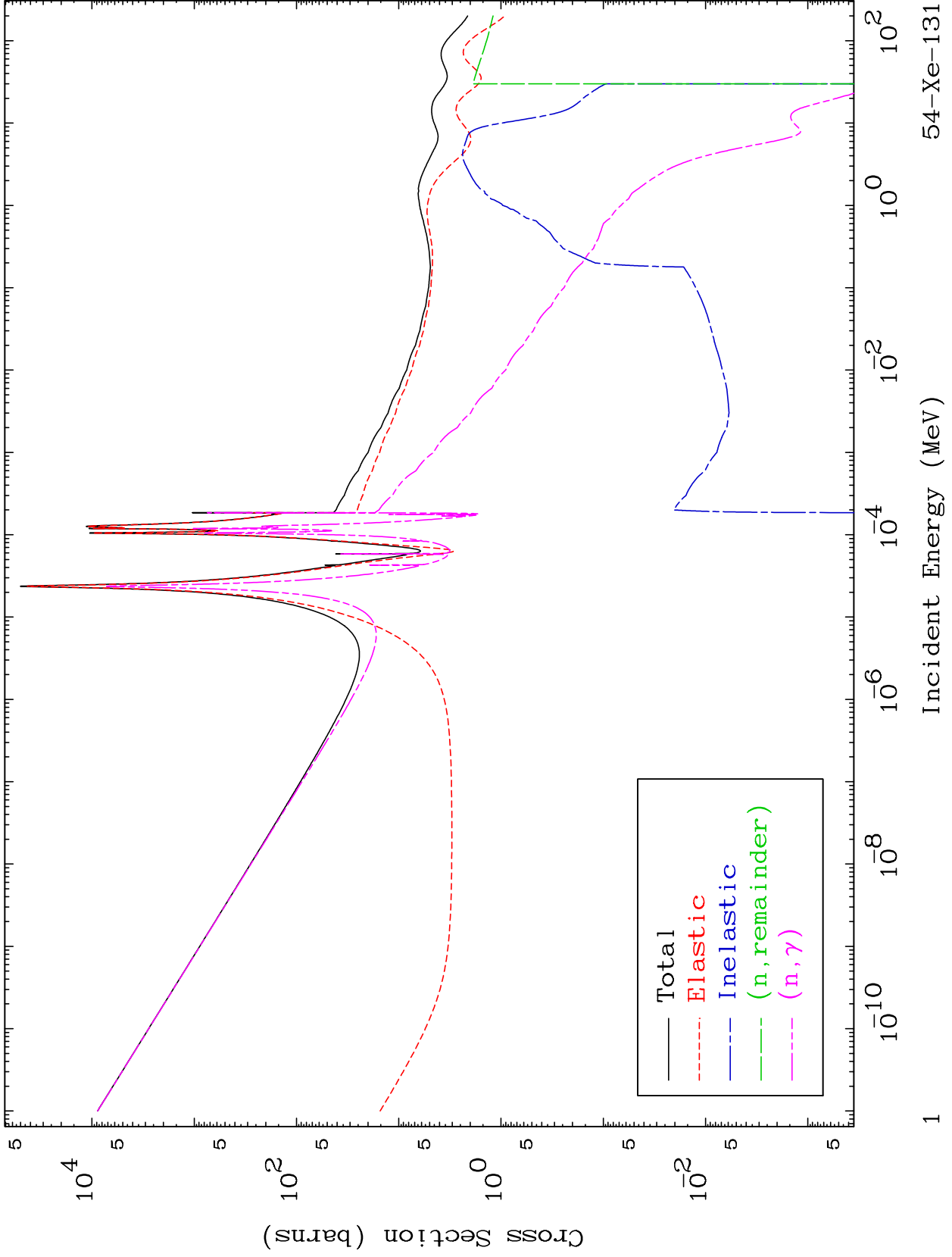
Press Mouse Button to Start

MAT 5447

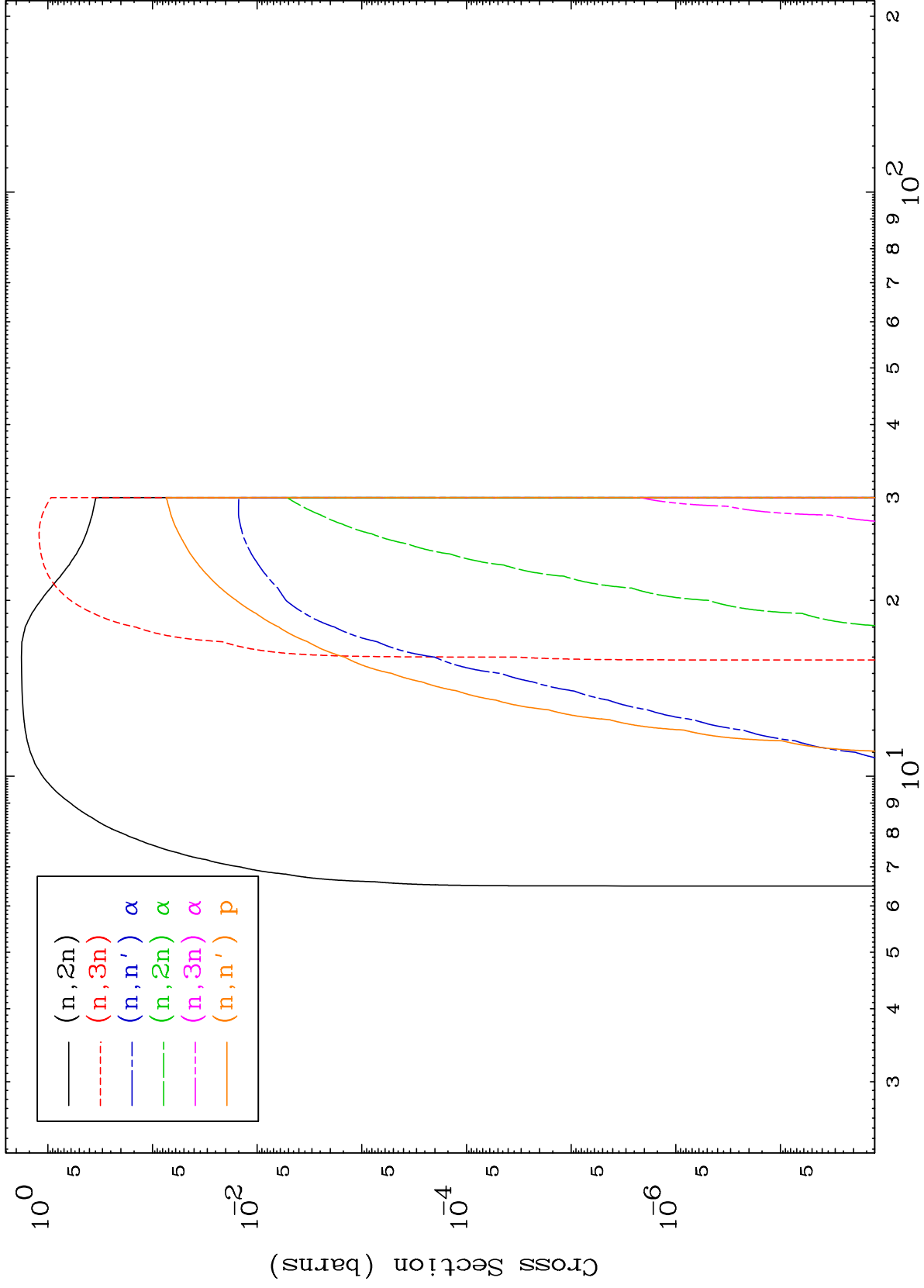
Major

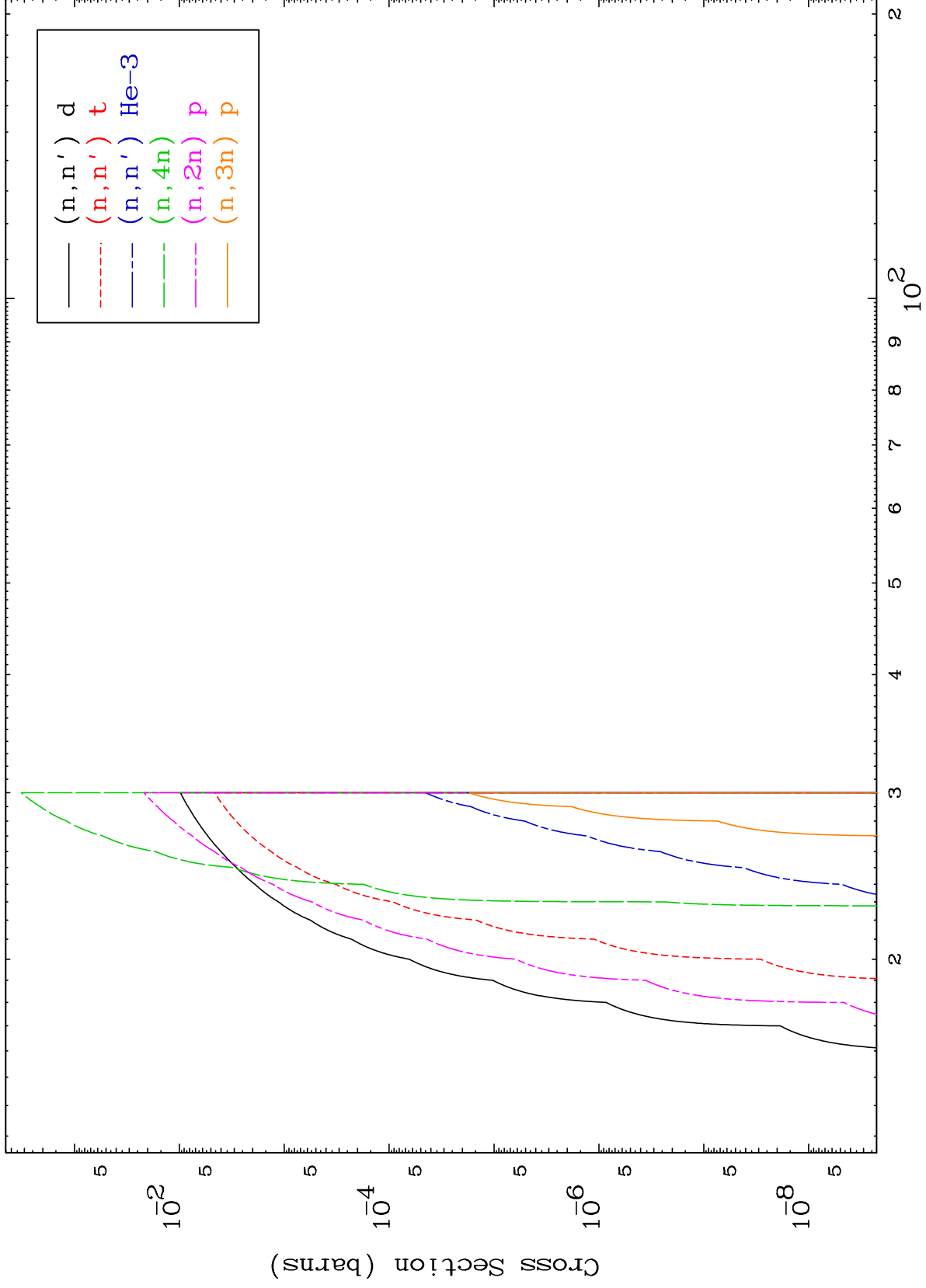
293 Kelvin Cross Sections

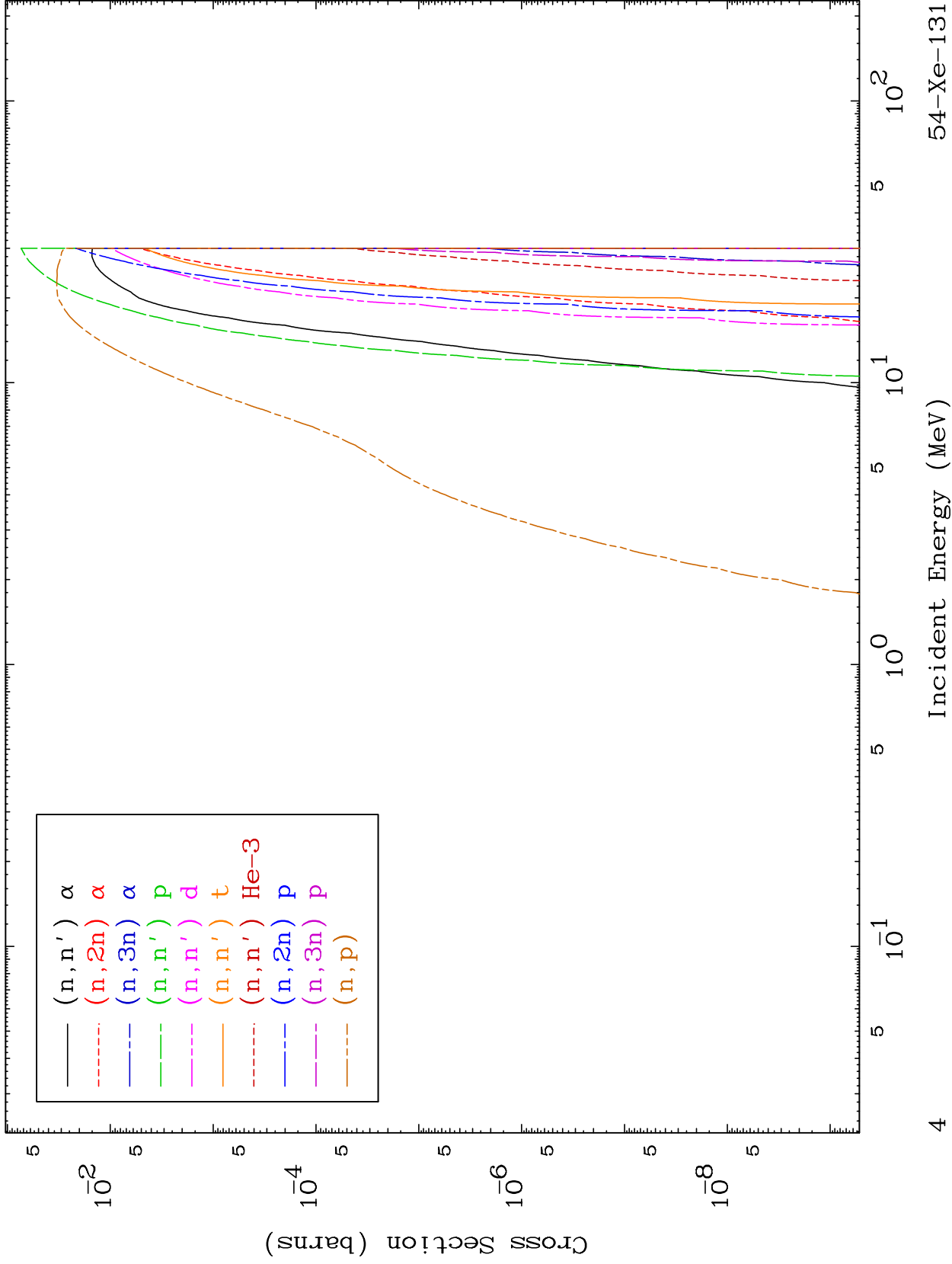
54-Xe-131



Neutron Production
293 Kelvin Cross Sections



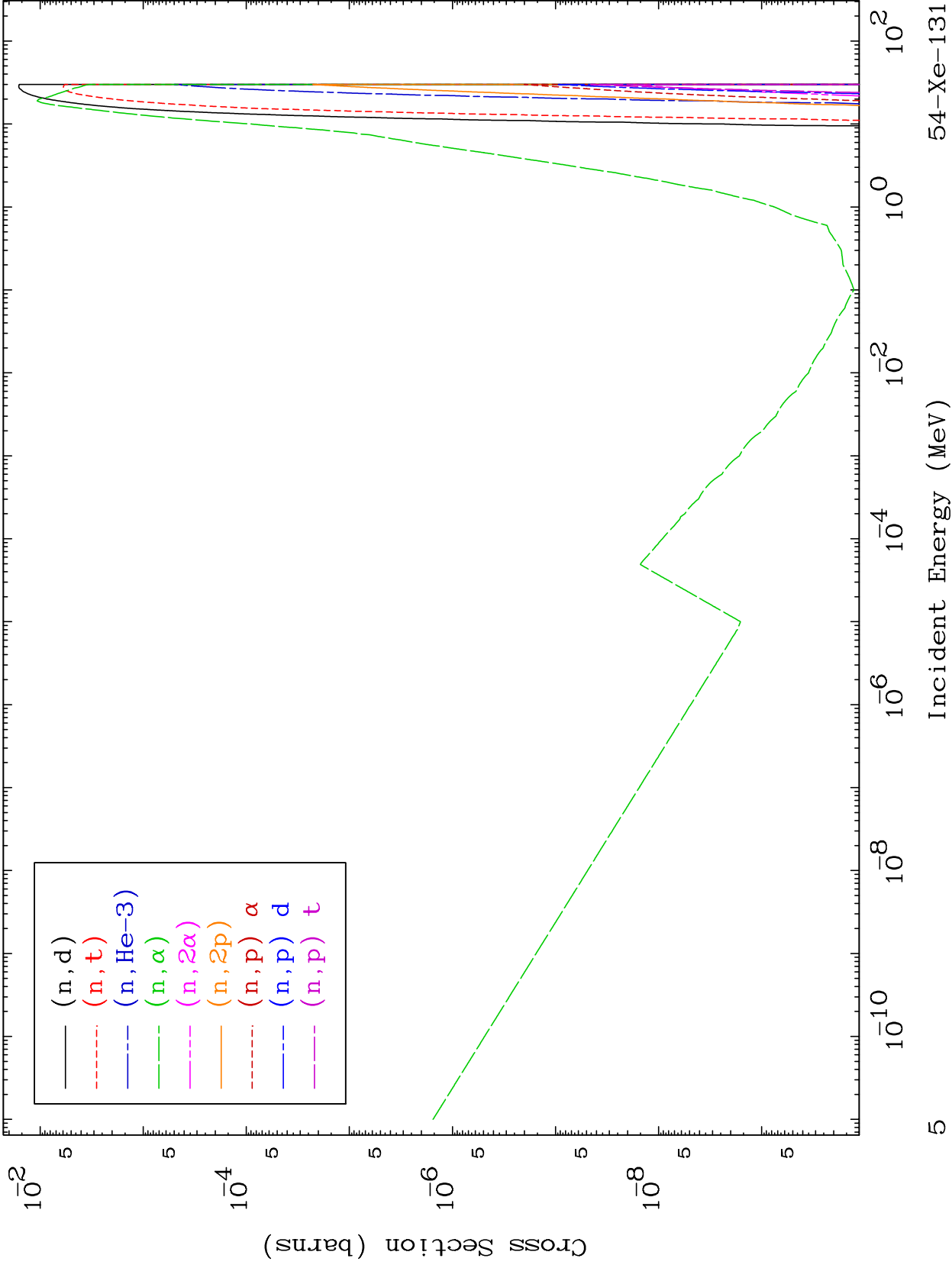




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Charged Particle
293 Kelvin Cross Sections

54-Xe-131

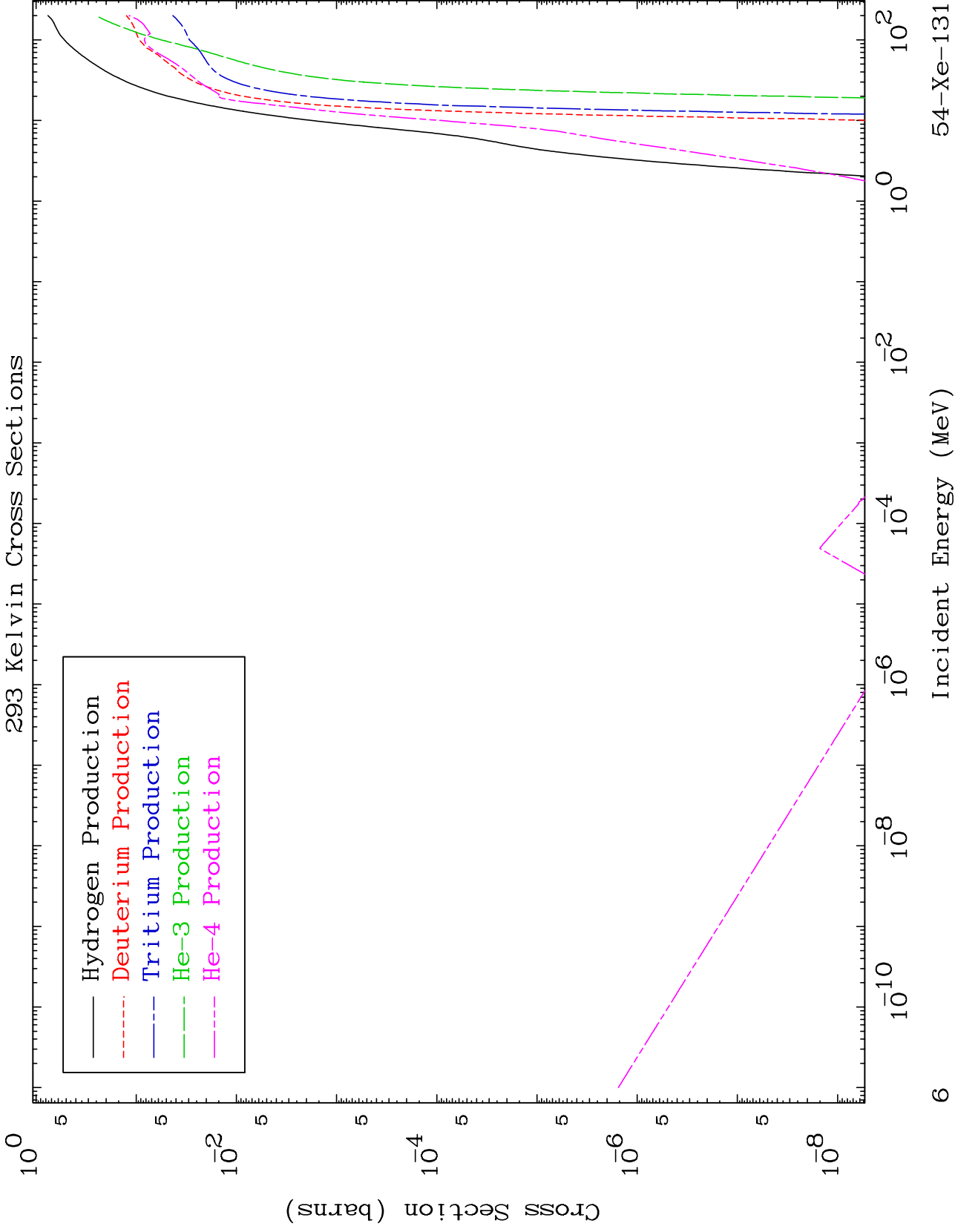


5

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Particle Production
293 Kelvin Cross Sections

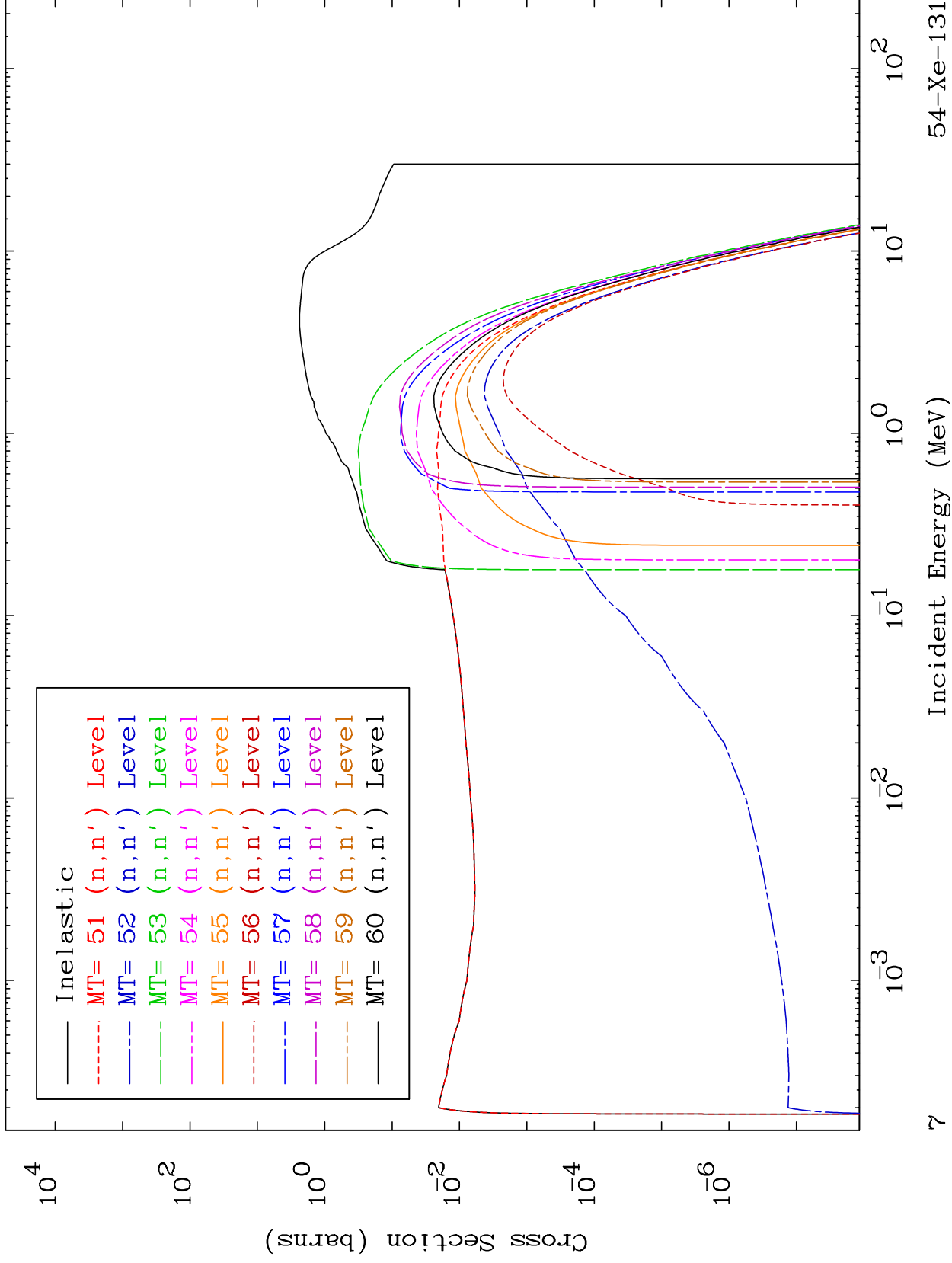
54-Xe-131



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(n,n') Level
293 Kelvin Cross Sections

54-Xe-131

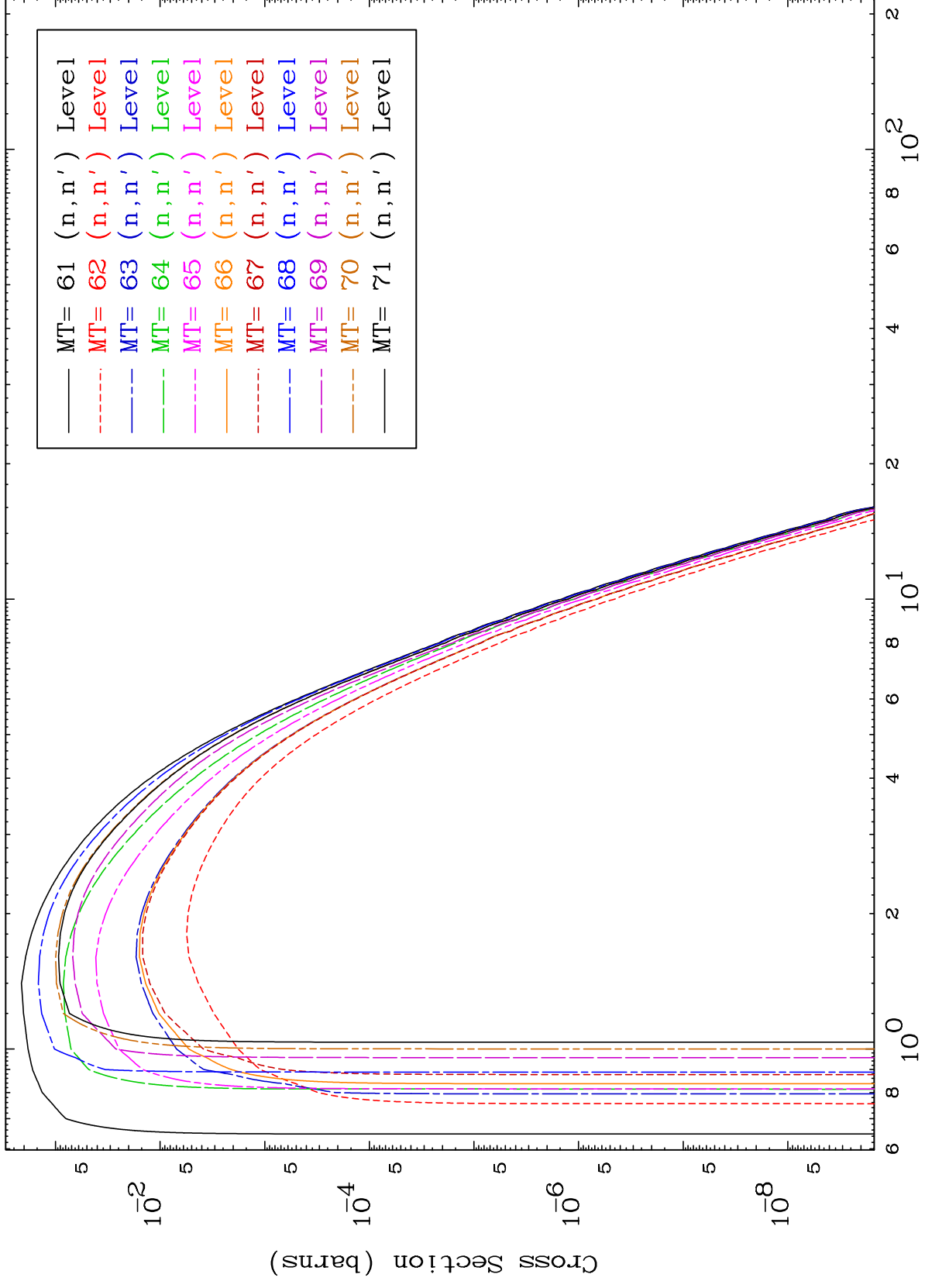


MAT 5447

(n,n') Level

54-Xe-131

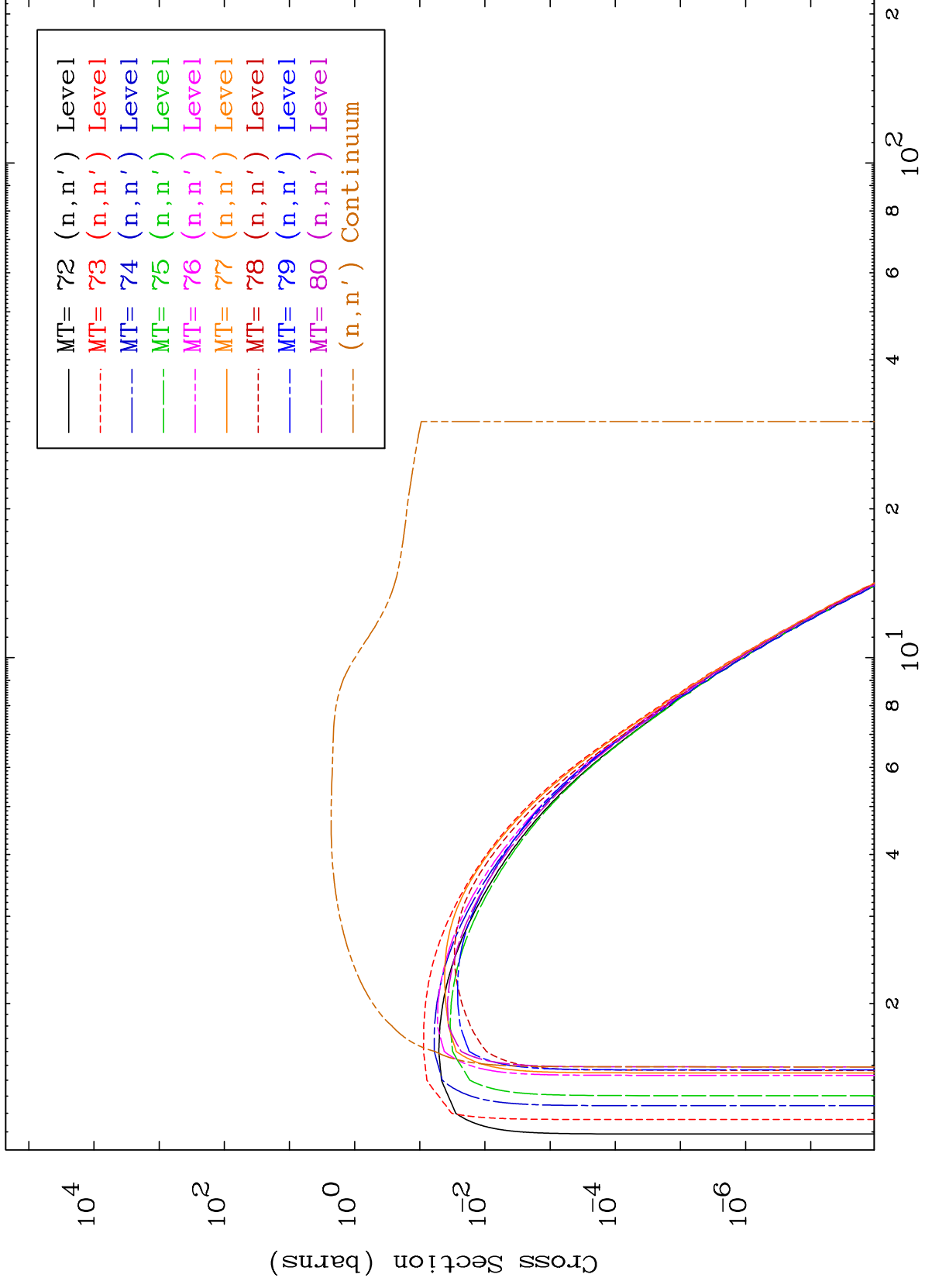
293 Kelvin Cross Sections



Incident Energy (MeV)

54-Xe-131

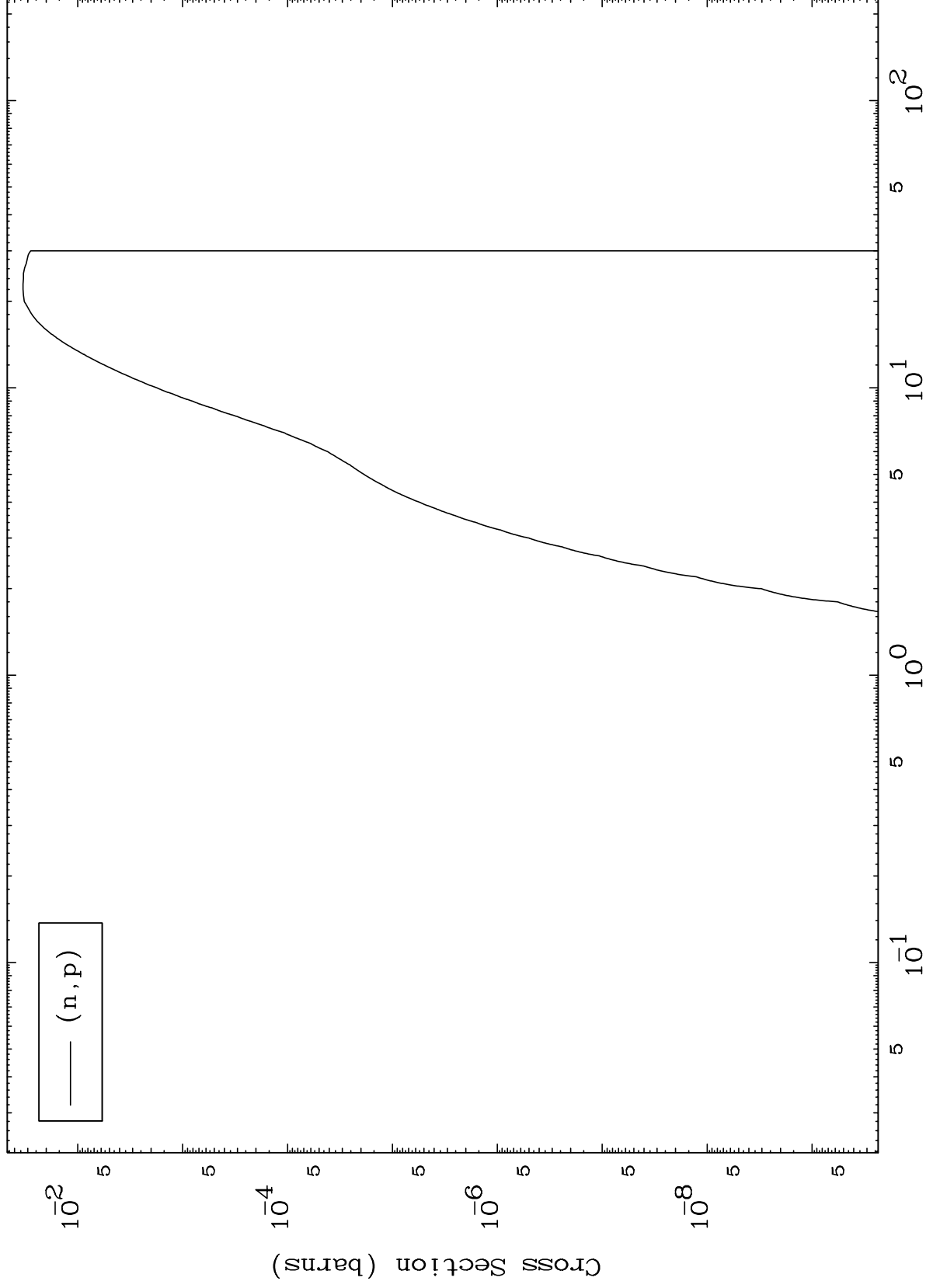
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

54-Xe-131



10

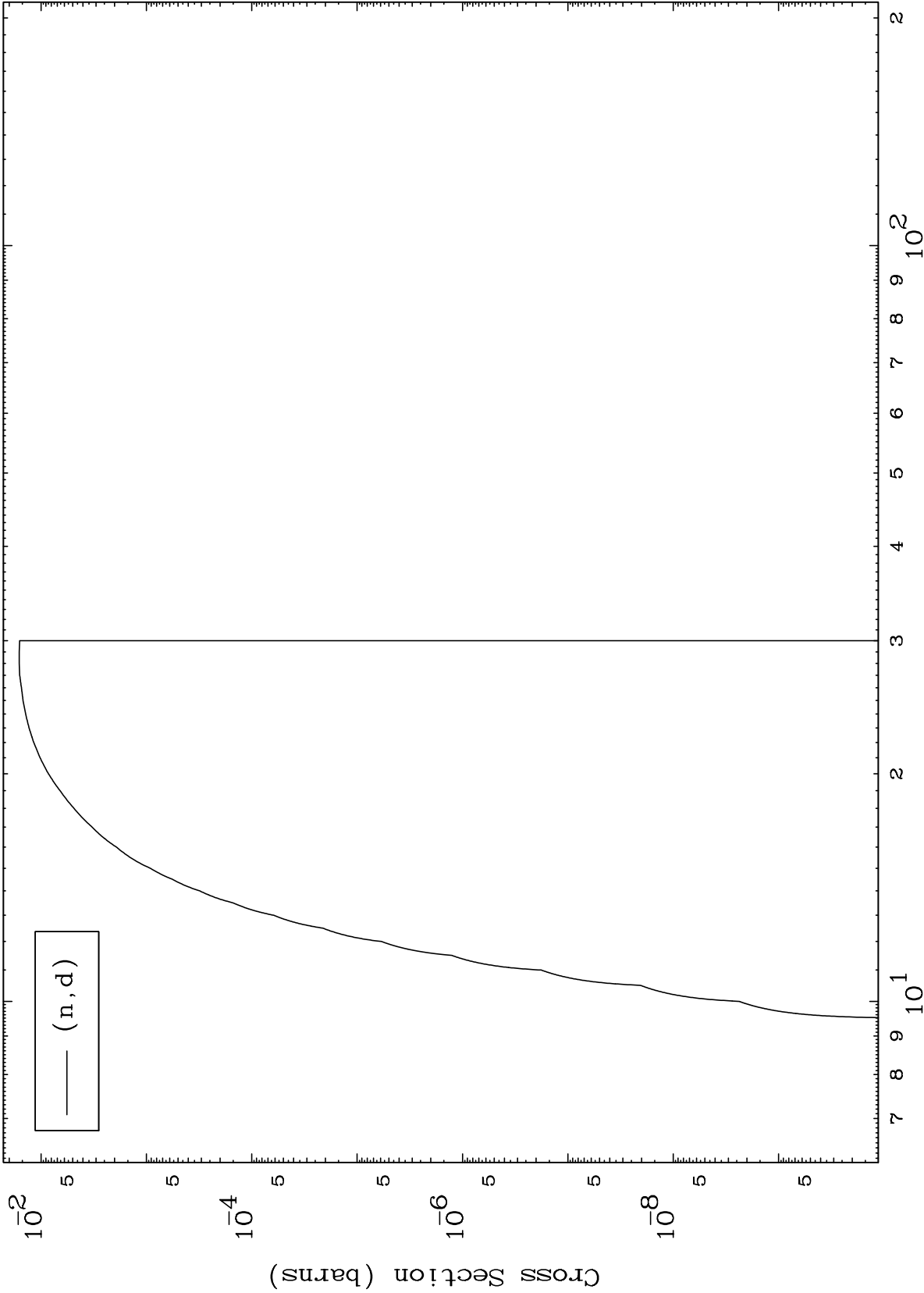
Incident Energy (MeV)

54-Xe-131

MAT 5447

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-131



11

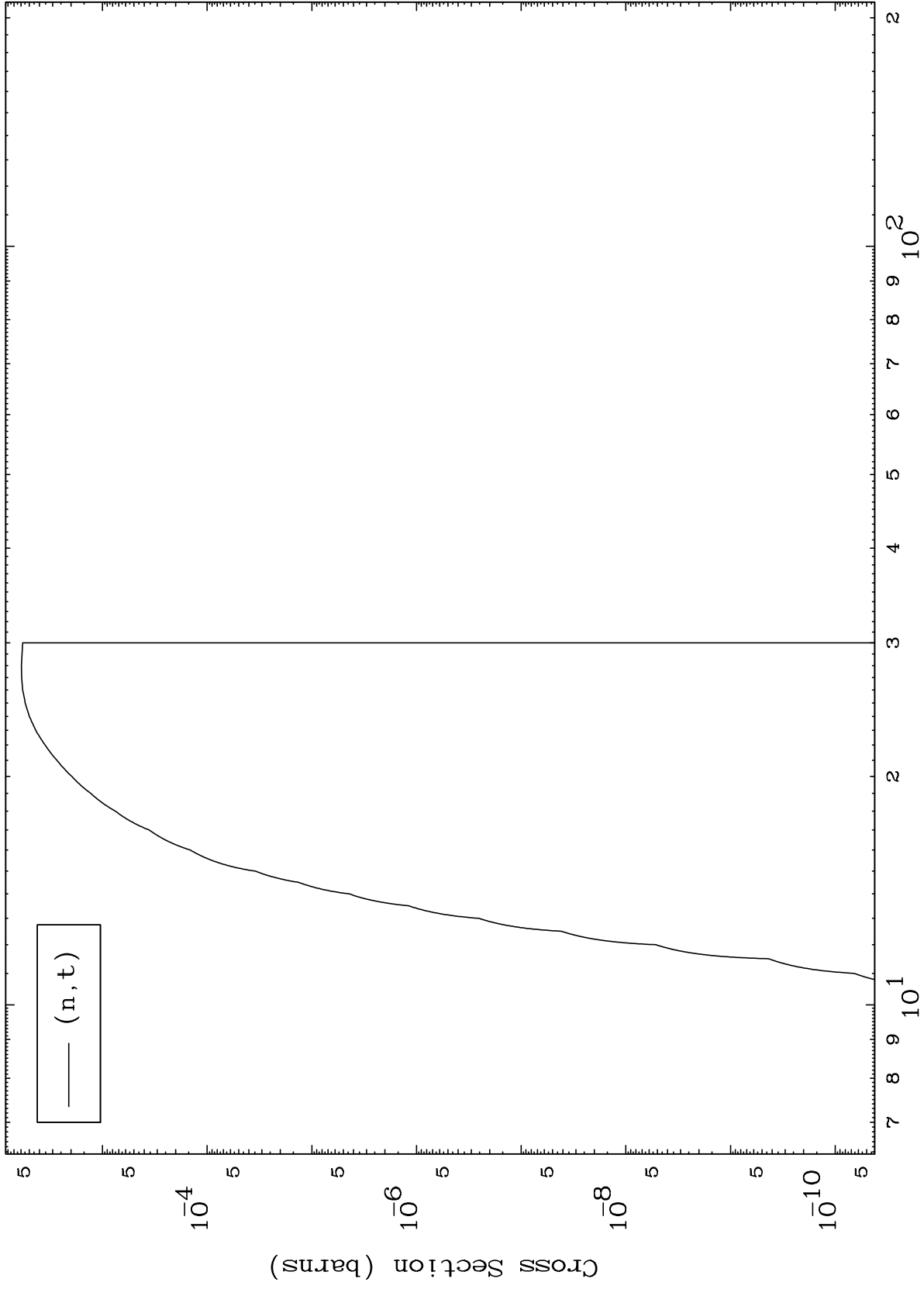
Incident Energy (MeV)

54-Xe-131

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(n,t) Levels
293 Kelvin Cross Sections

54-Xe-131



12

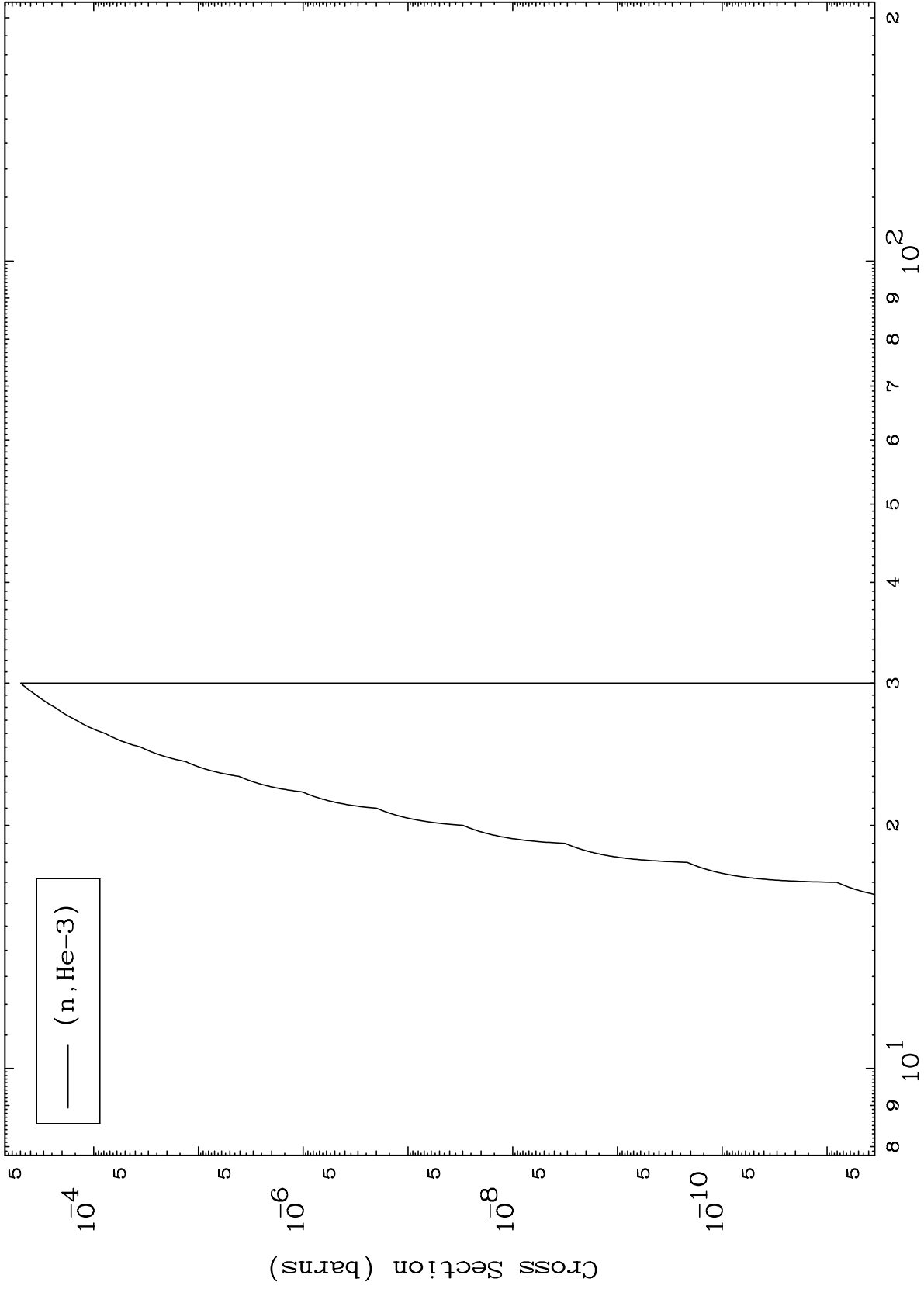
Incident Energy (MeV)

54-Xe-131

MAT 5447

(n,He3) Levels
293 Kelvin Cross Sections

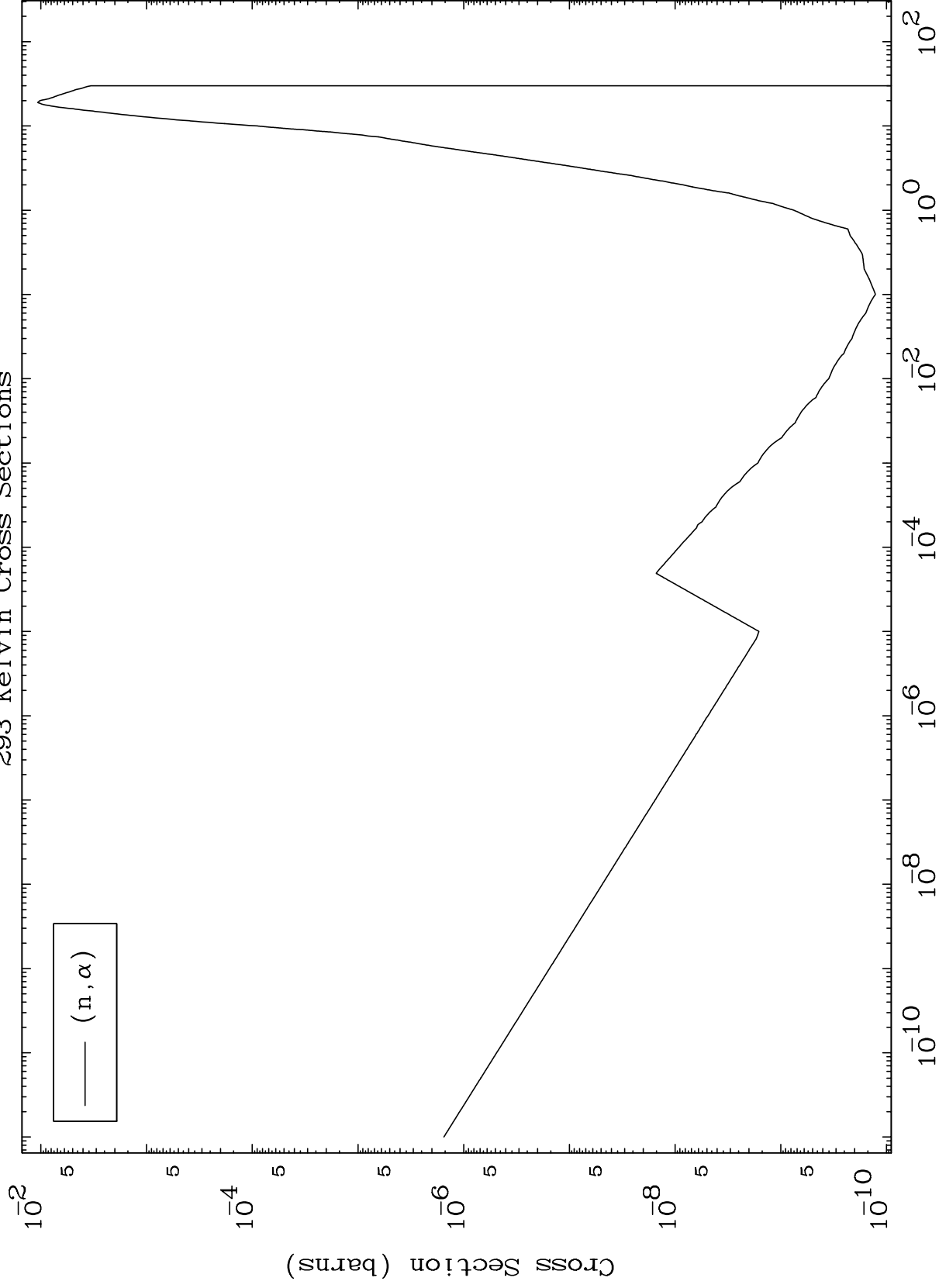
54-Xe-131



MAT 5447

(n, α) Levels
293 Kelvin Cross Sections

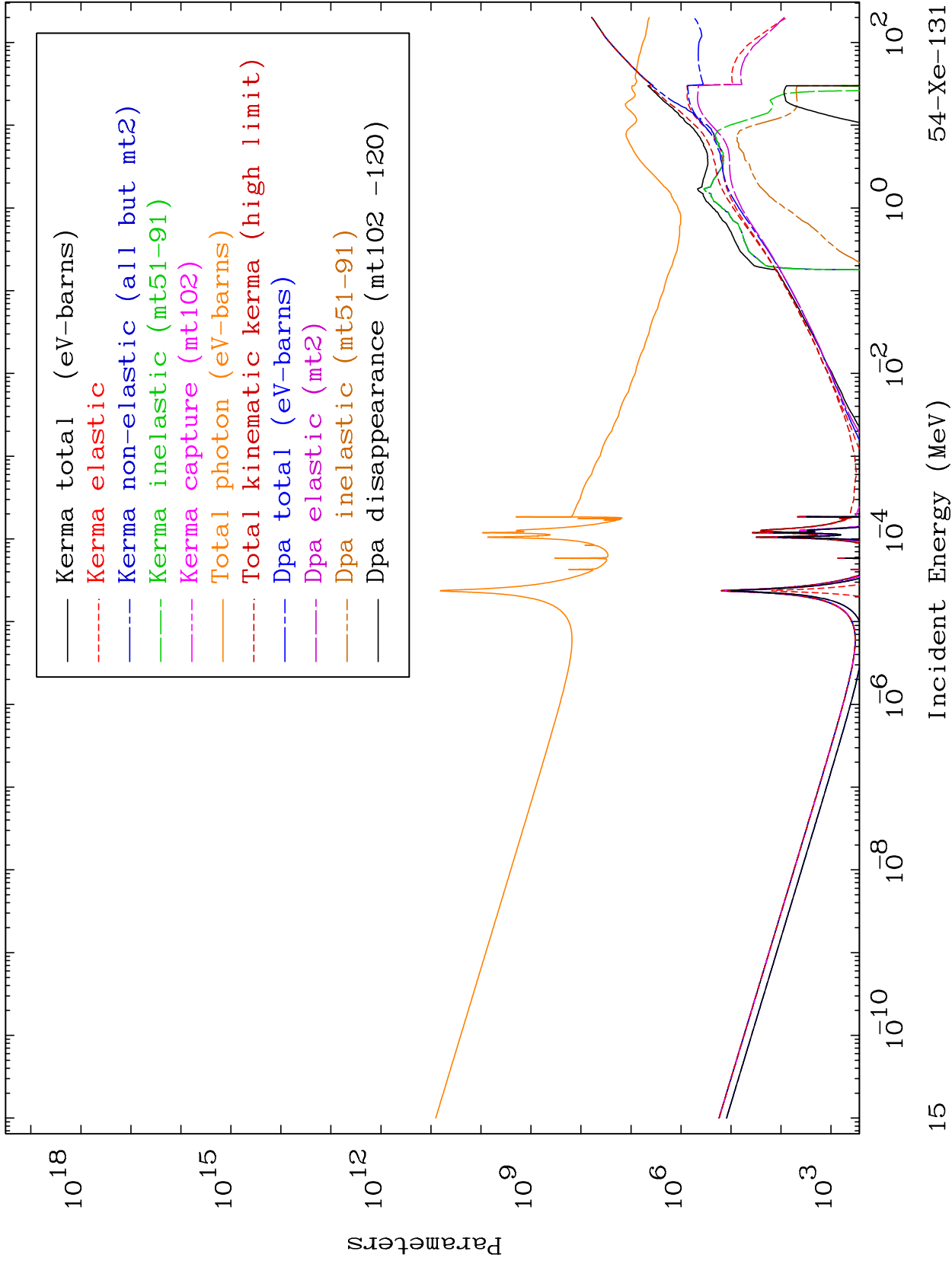
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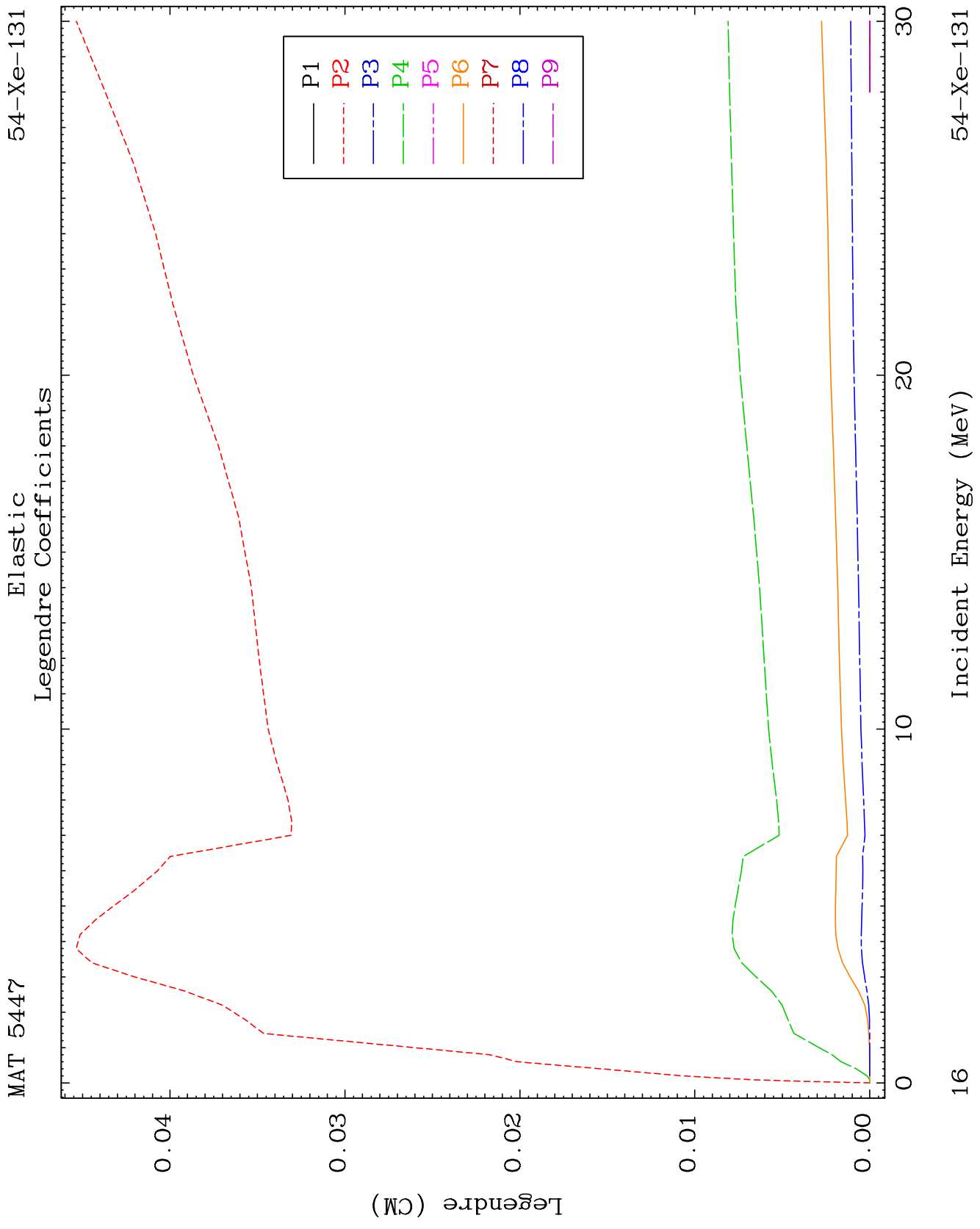


14

Incident Energy (MeV)

54-Xe-131

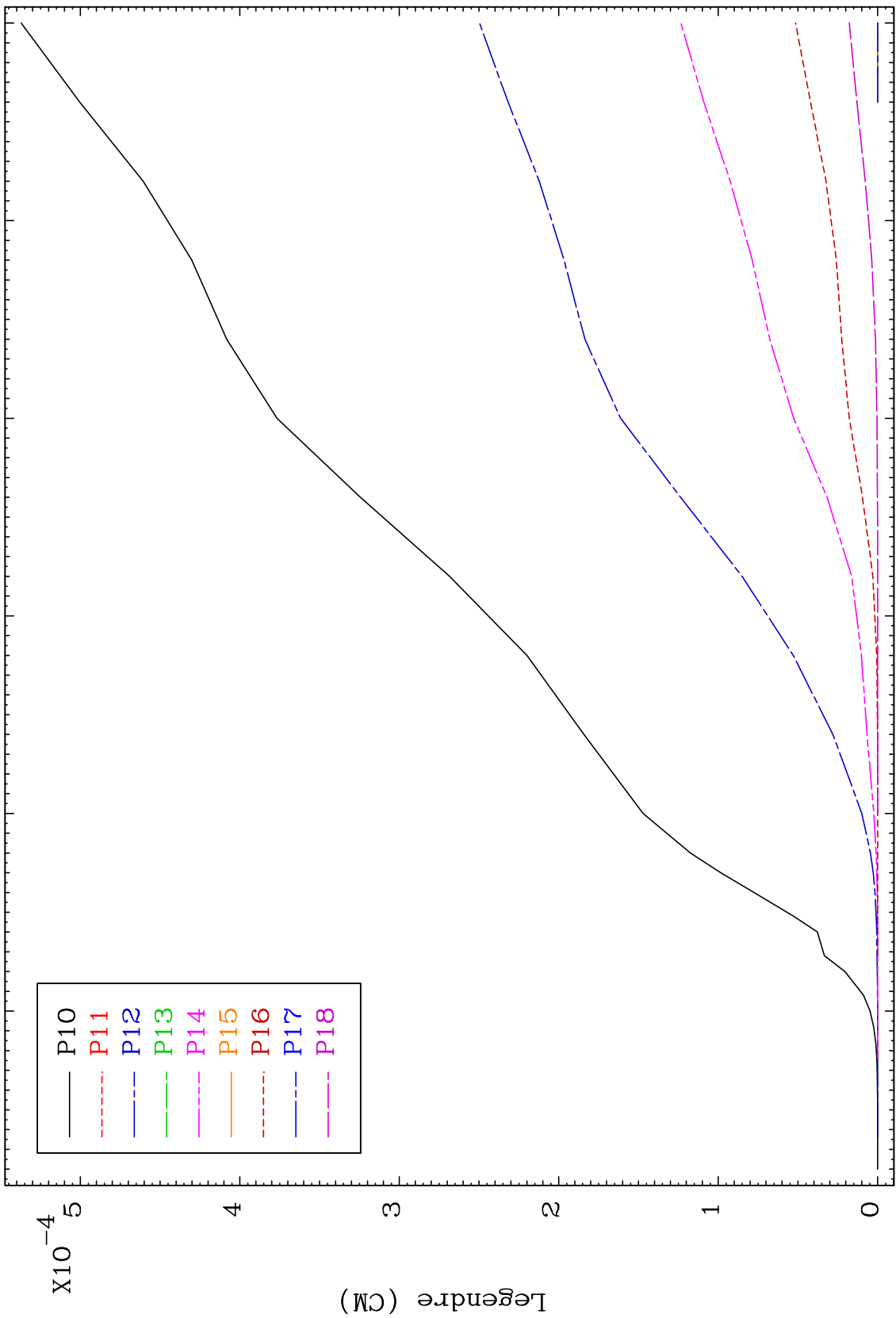




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Elastic Legendre Coefficients

54-Xe-131



17

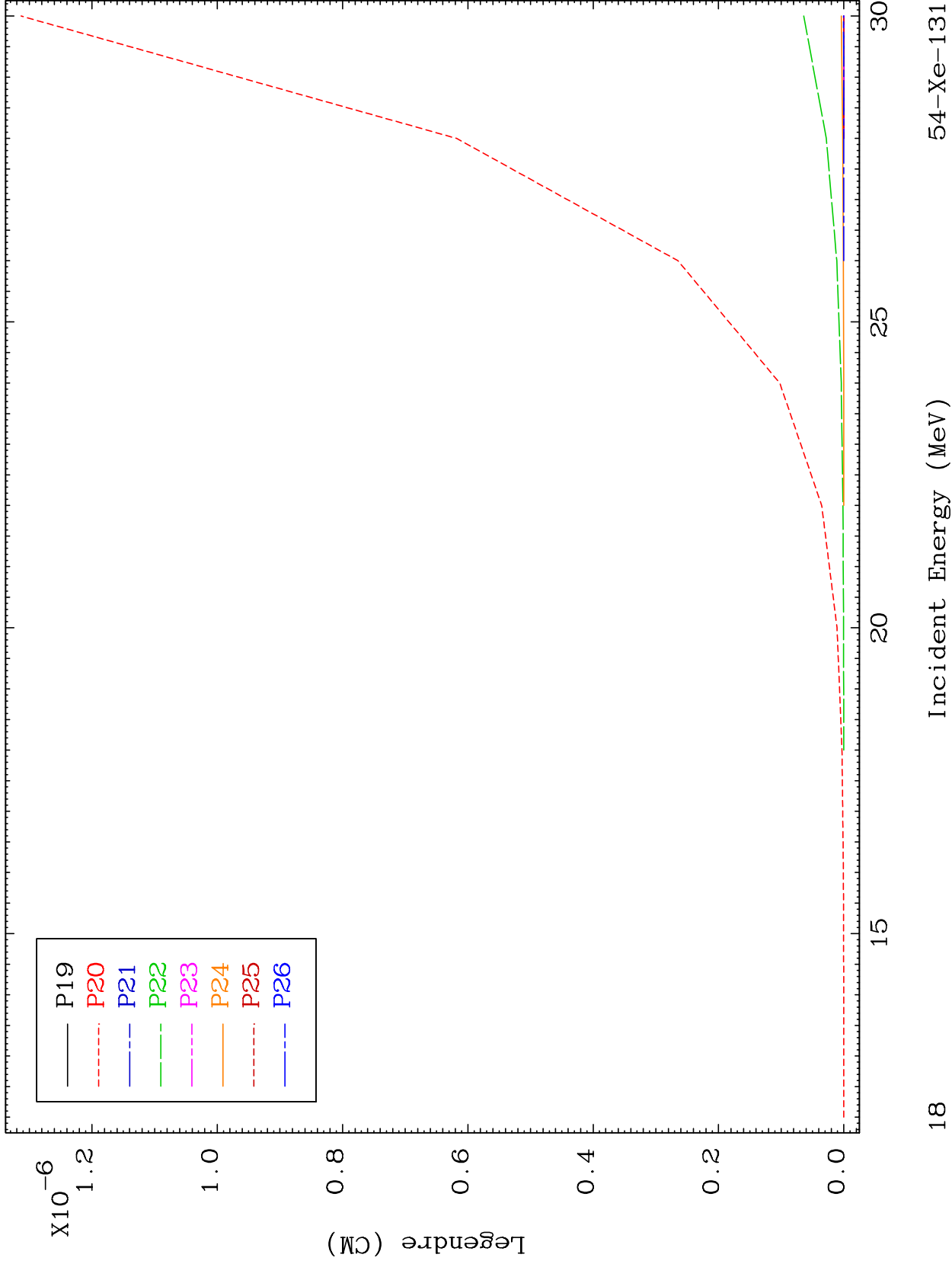
54-Xe-131

Incident Energy (MeV)

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Elastic Legendre Coefficients

54-Xe-131



18

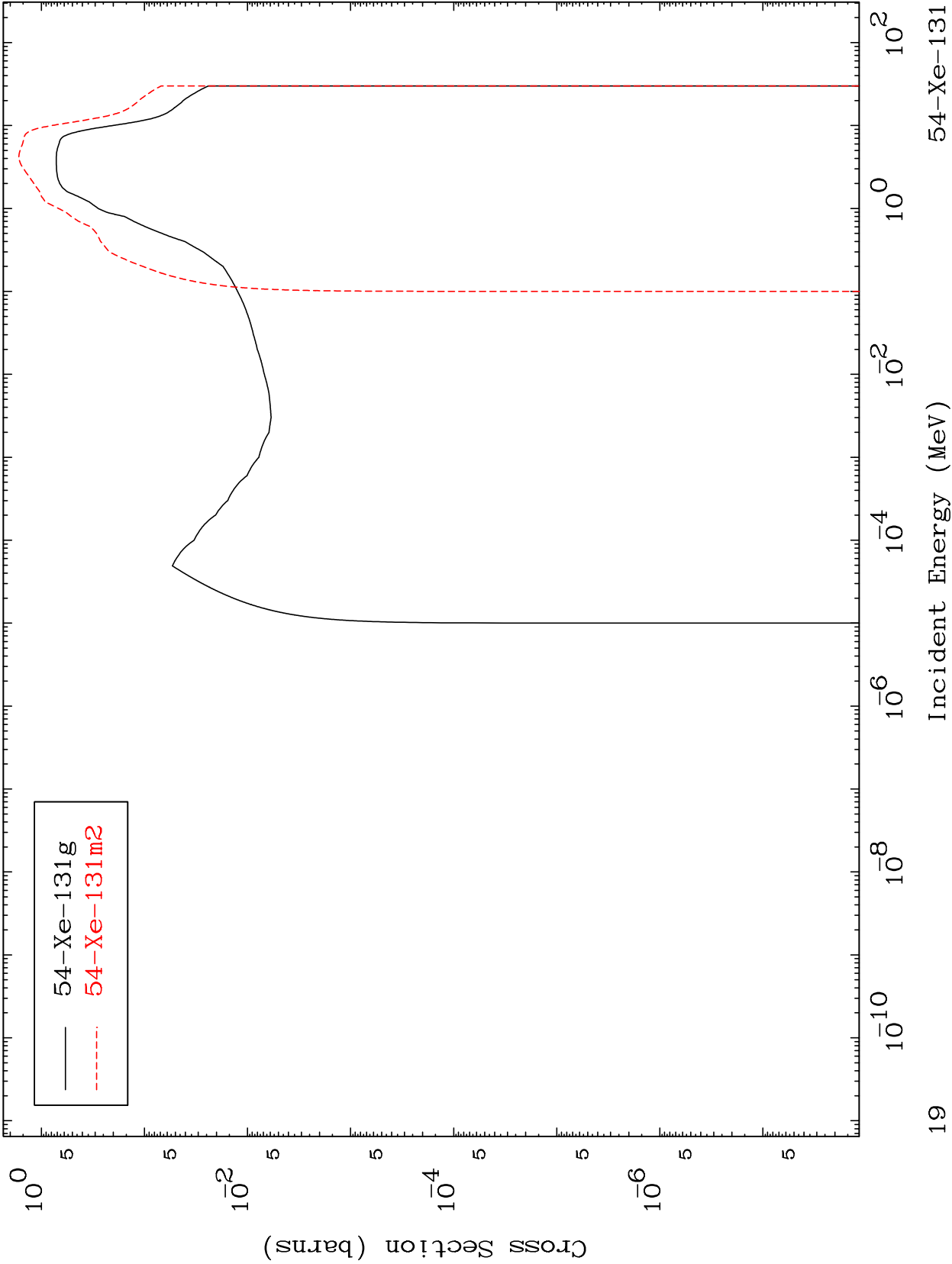
Incident Energy (MeV)

54-Xe-131

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54-Xe-131

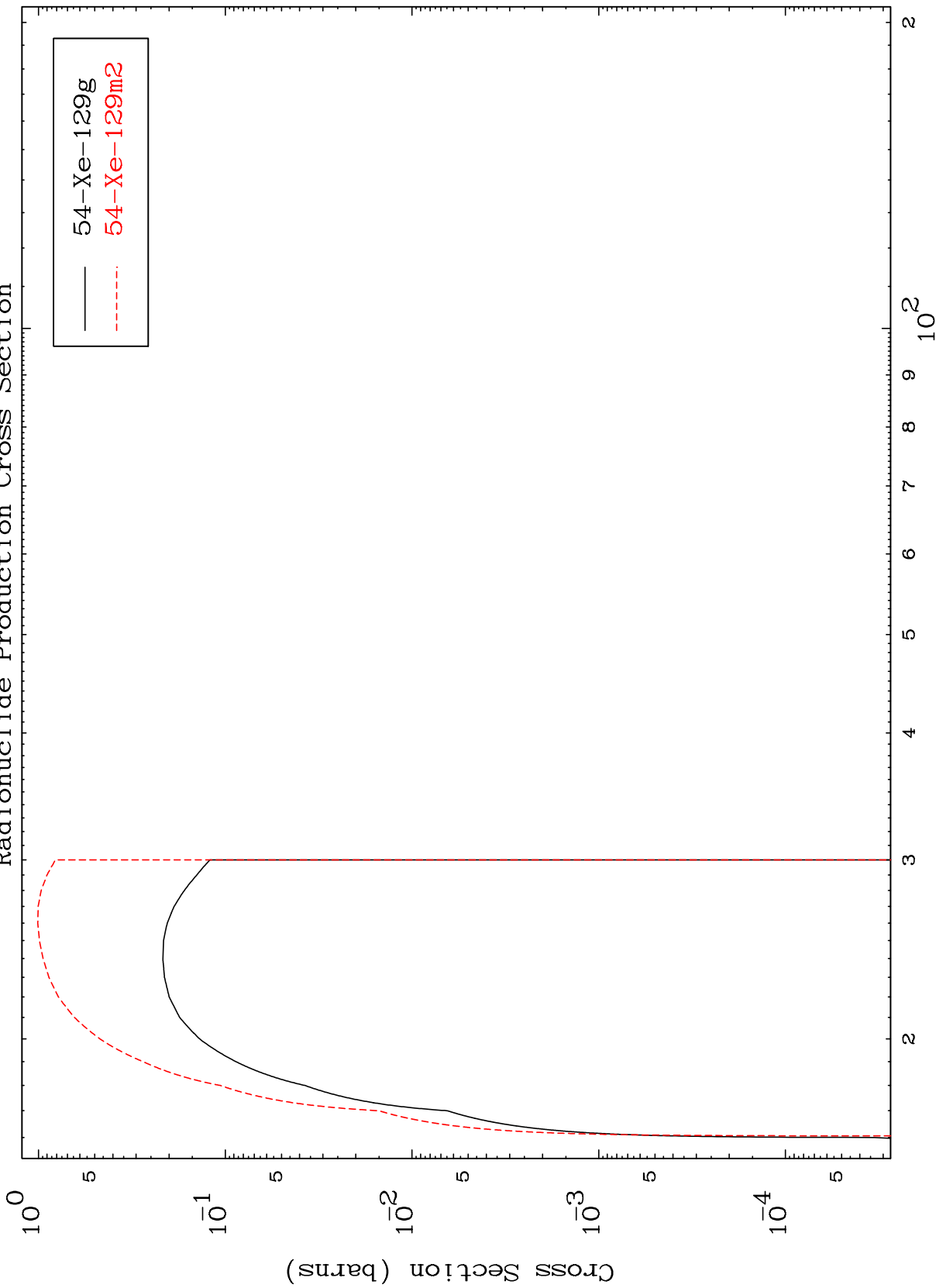
Inelastic
Radionuclide Production Cross Section



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54-Xe-131

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

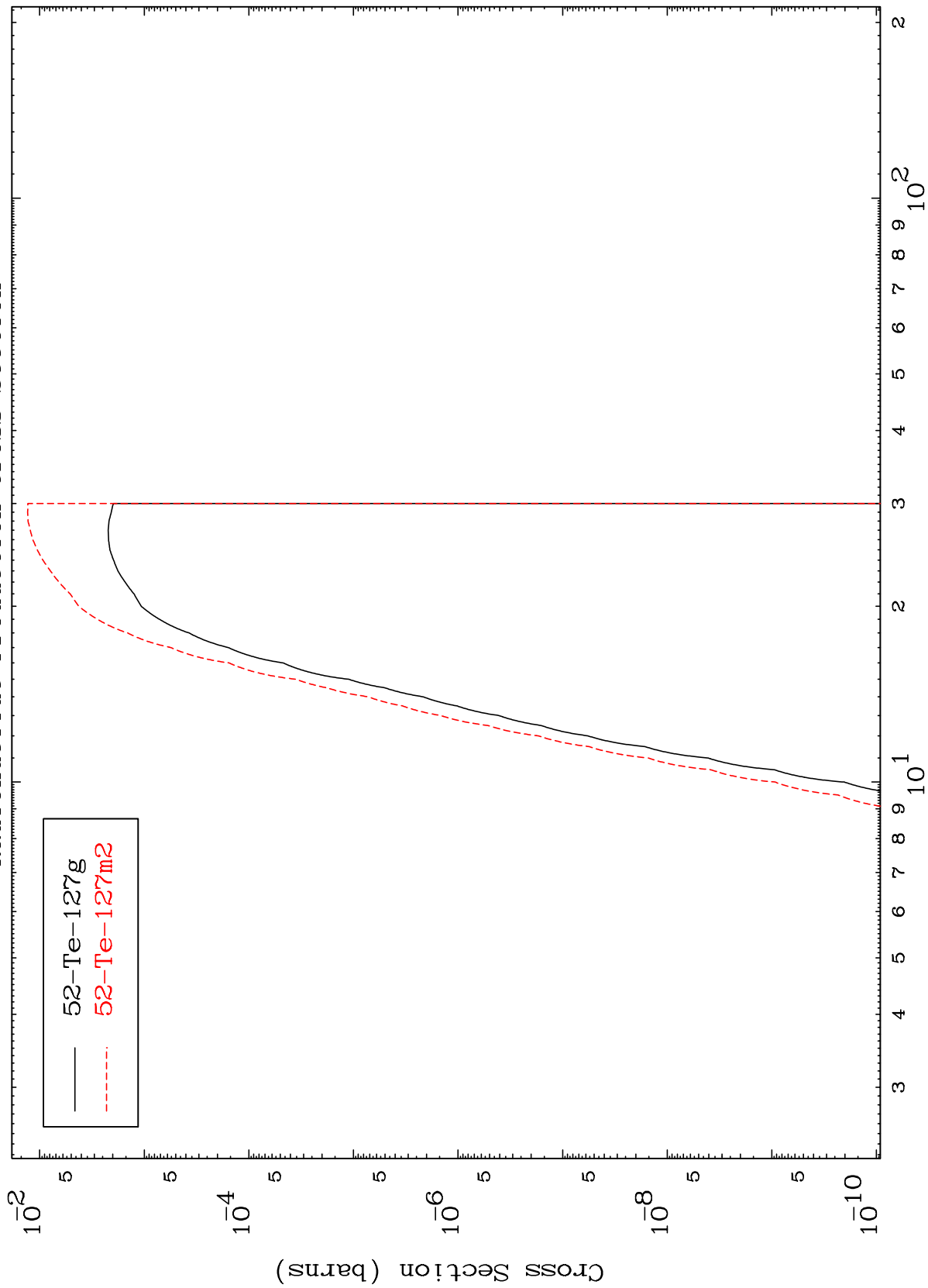
54-Xe-131

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54-Xe-131

(n,n') α

Radionuclide Production Cross Section



21

Incident Energy (MeV)

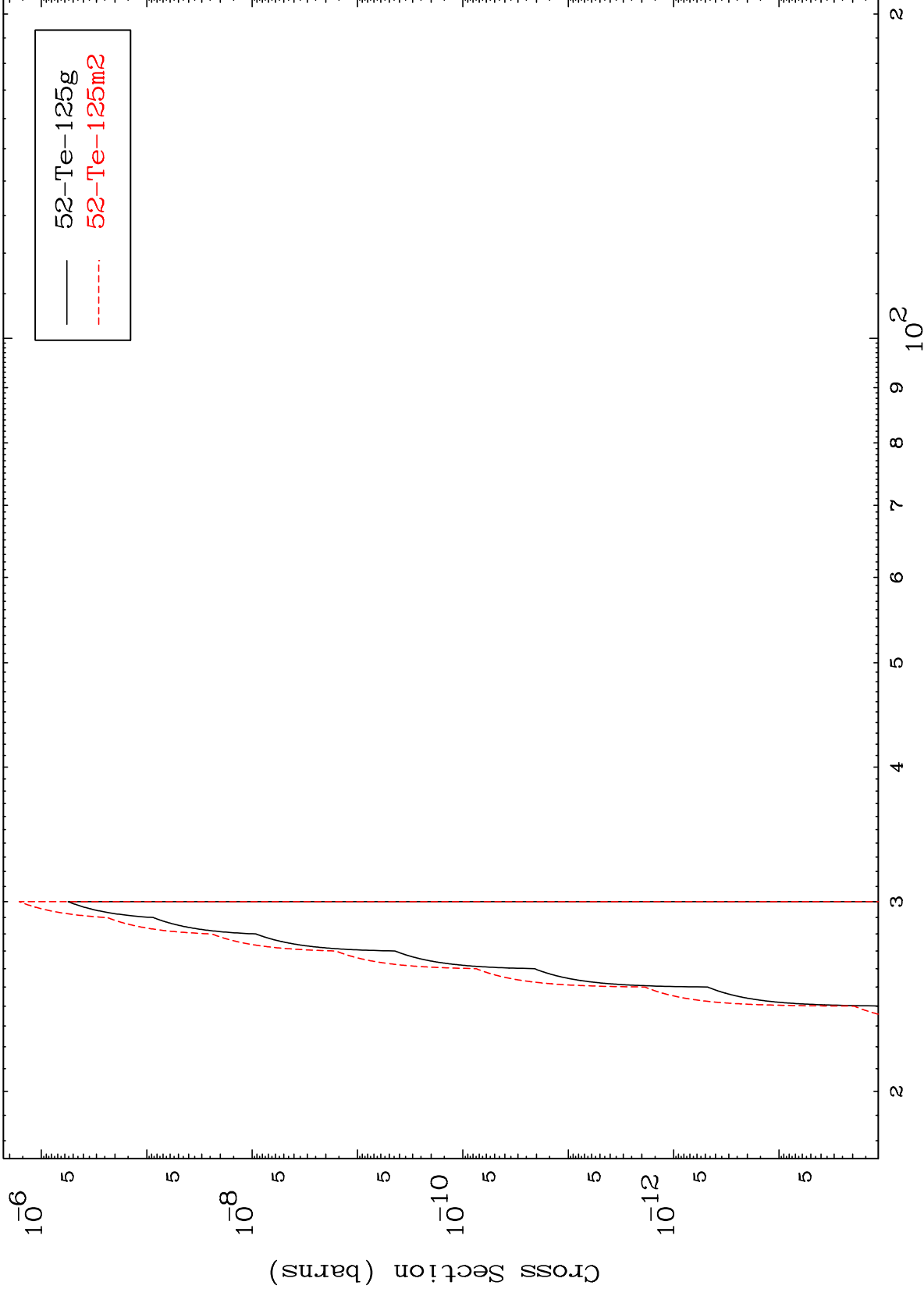
54-Xe-131

MAT 5447

(n,3n) α

54-Xe-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

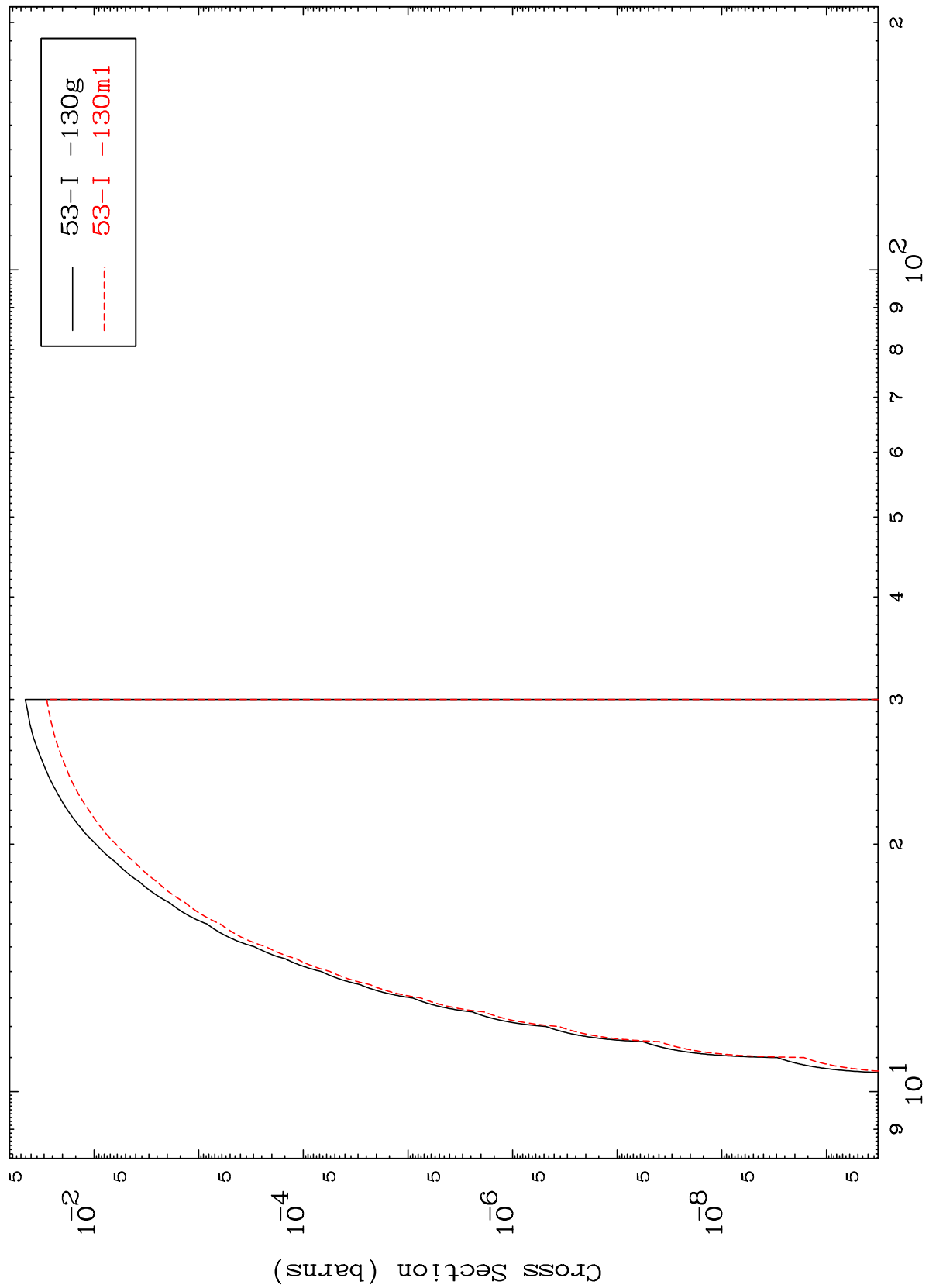
54-Xe-131

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(n,n') p

54-Xe-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

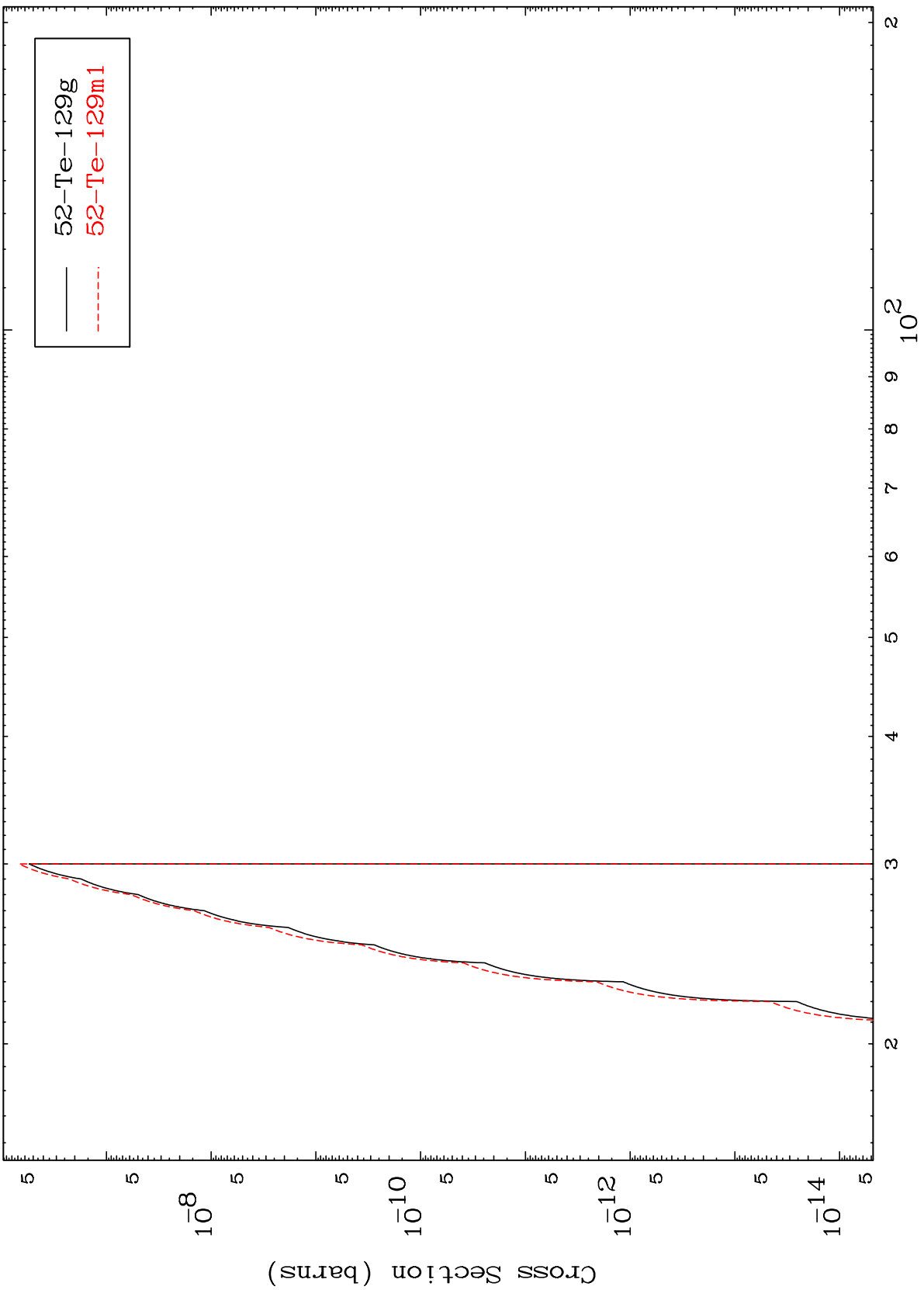
54-Xe-131

MAT 5447

(n,2n) p

54-Xe-131

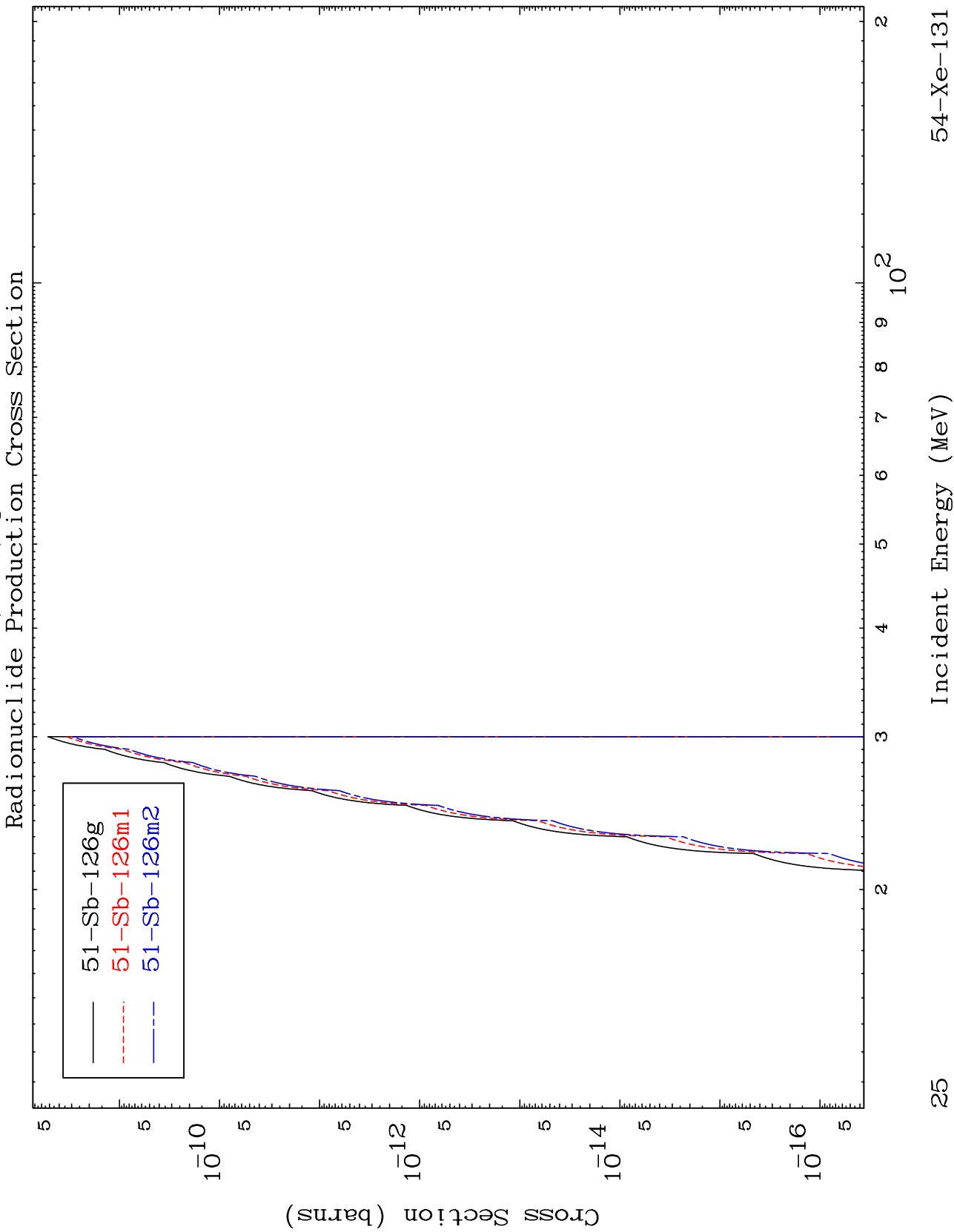
Radionuclide Production Cross Section



24

Incident Energy (MeV)

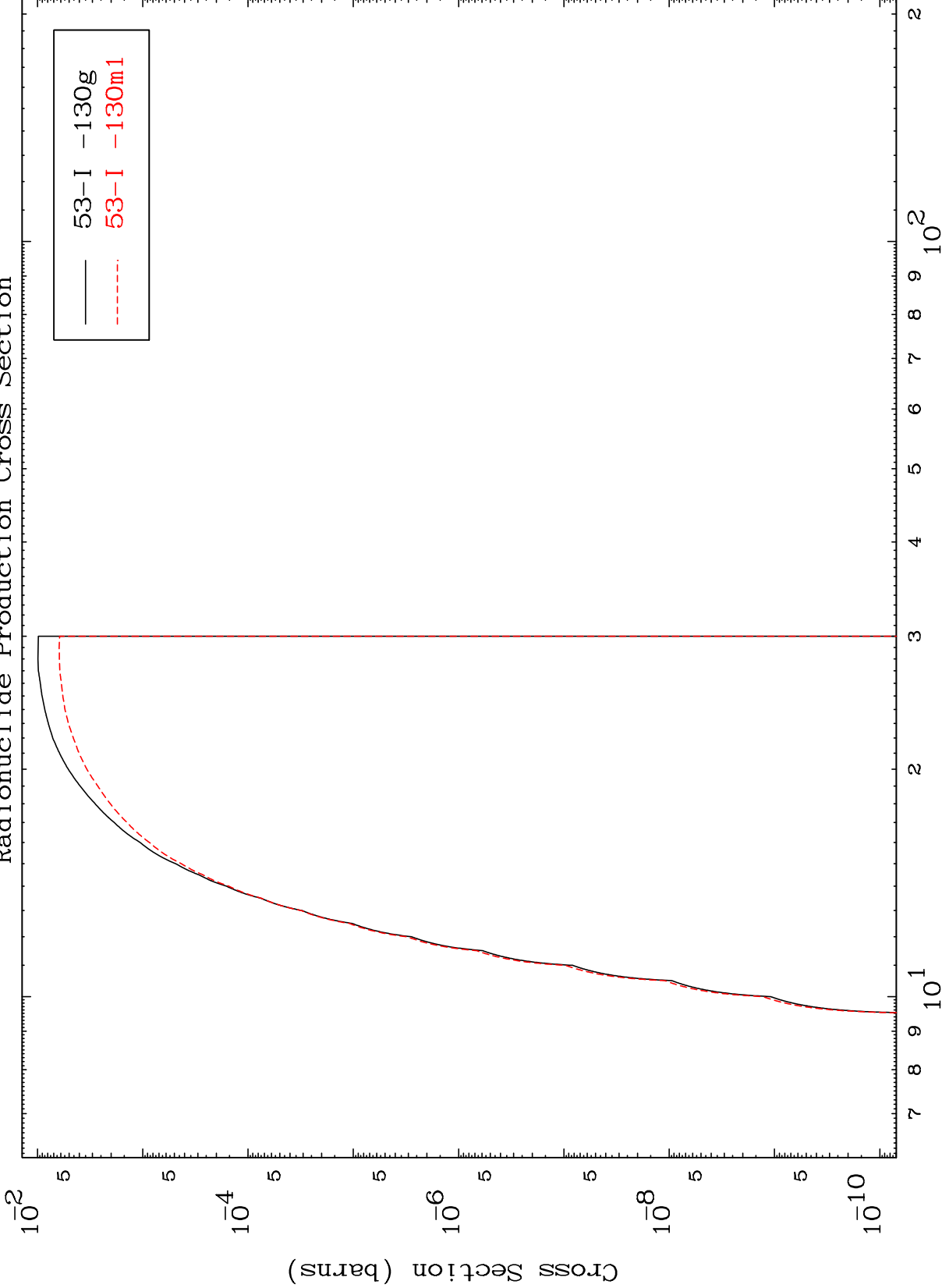
54-Xe-131



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54-Xe-131

(n,d)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

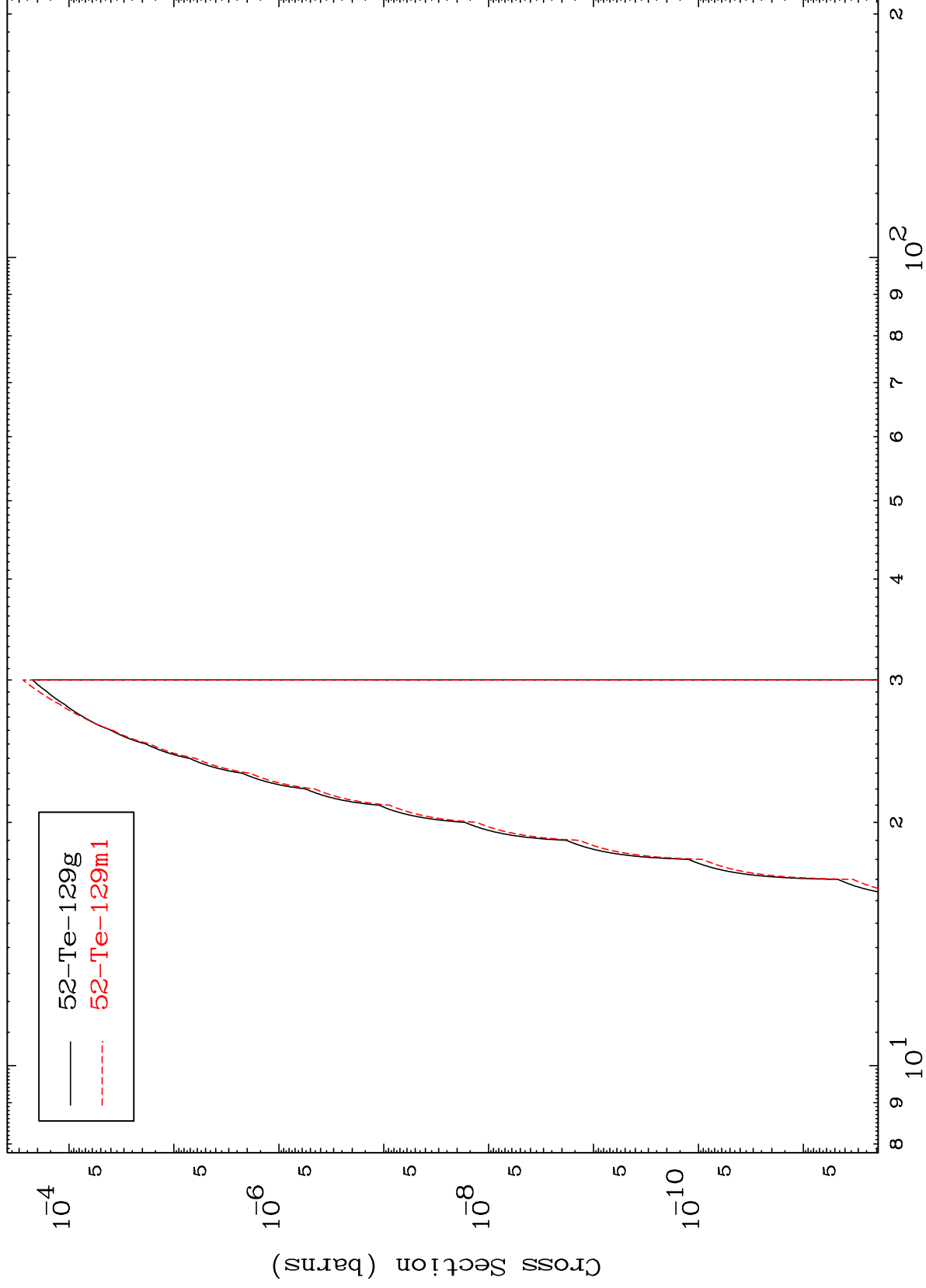
54-Xe-131

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(n,He-3)

54-Xe-131

Radionuclide Production Cross Section



27

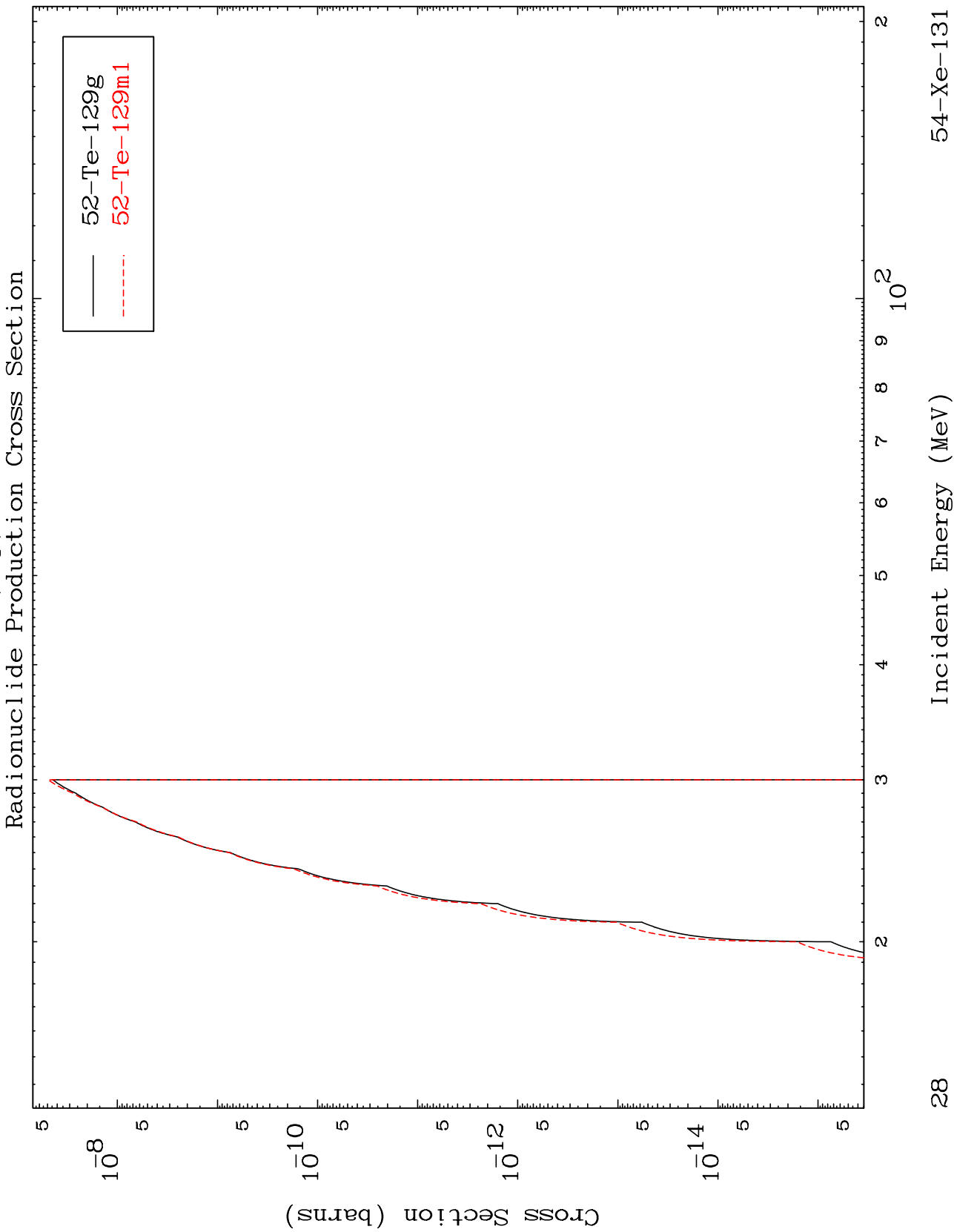
Incident Energy (MeV)

54-Xe-131

MAT 5447

(n,p) d

54-Xe-131



28

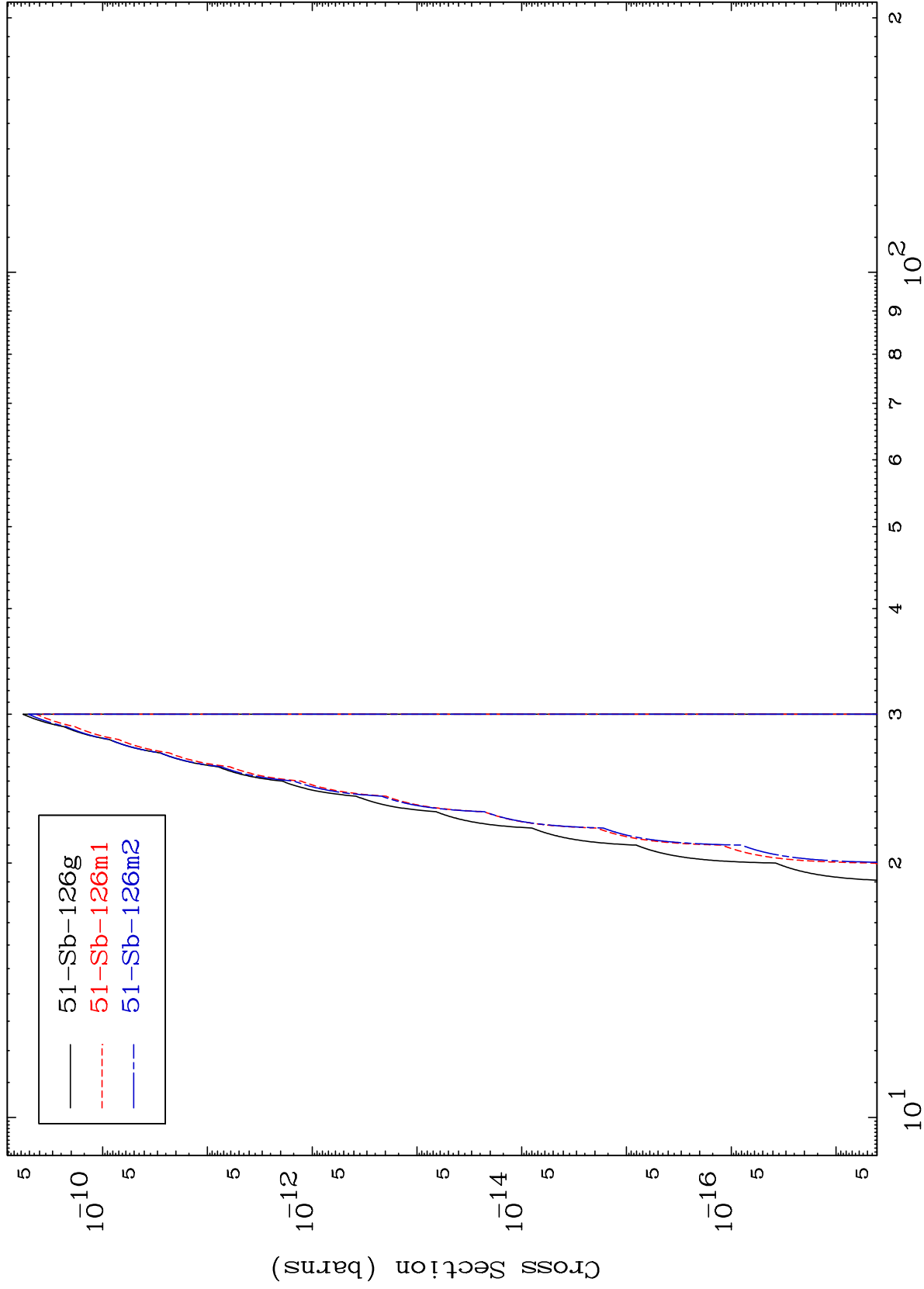
54-Xe-131

MAT 5447

(n,d) α

54-Xe-131

Radionuclide Production Cross Section



29

Incident Energy (MeV)

54-Xe-131