

Program EVALPLOT
(Version 2015-2)

by

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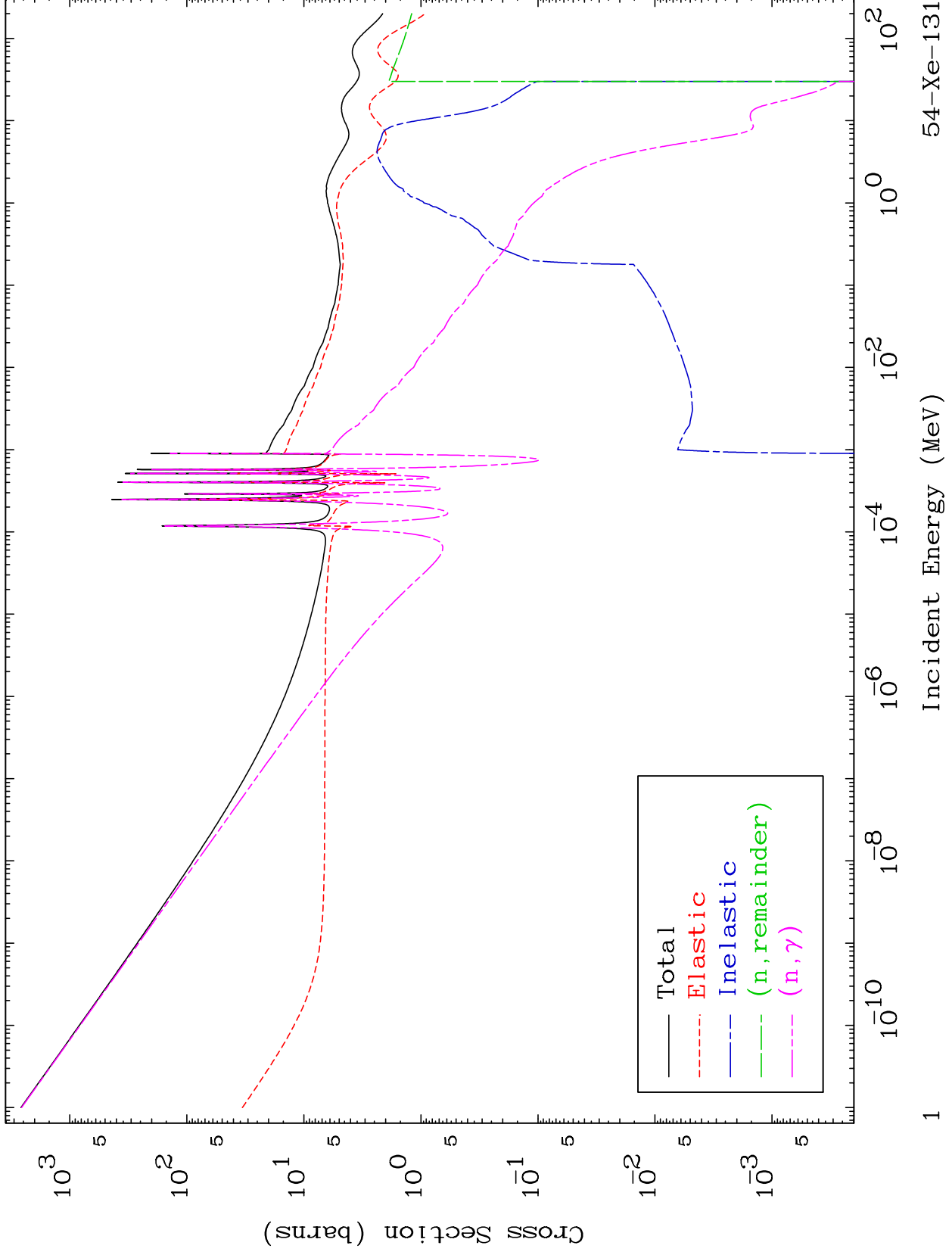
Press Mouse Button to Start

MAT 5447

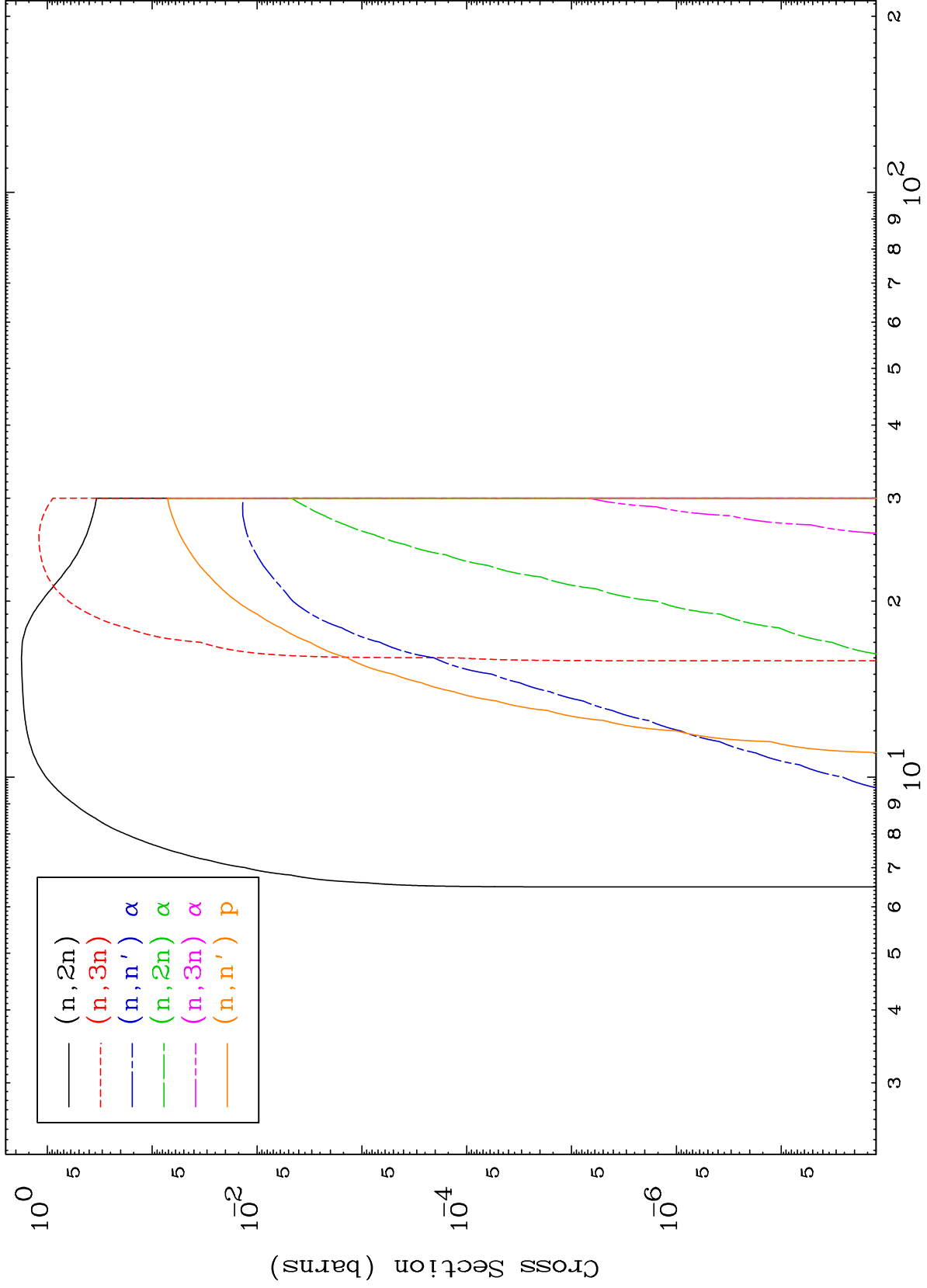
Major

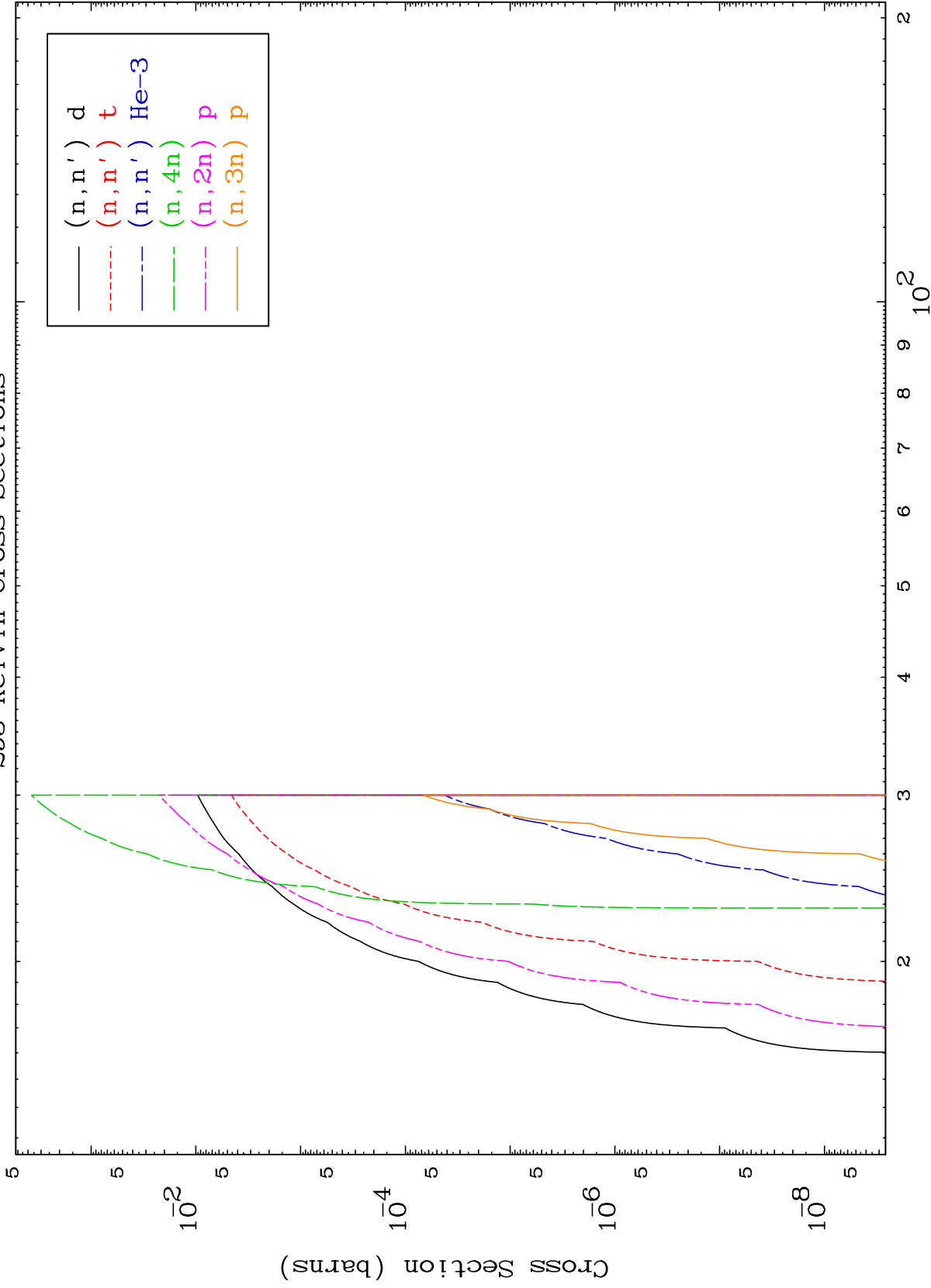
293 Kelvin Cross Sections

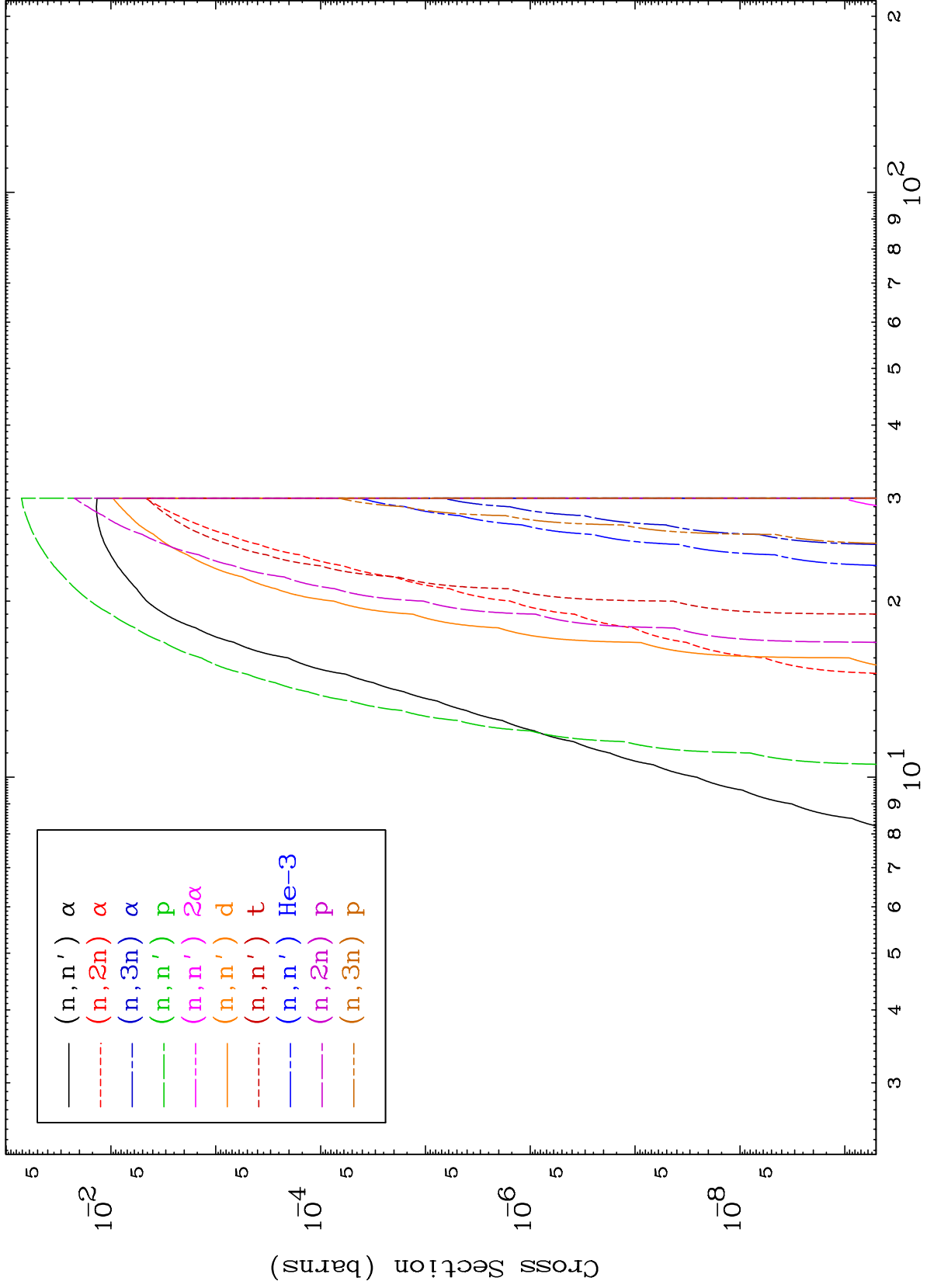
54-Xe-131

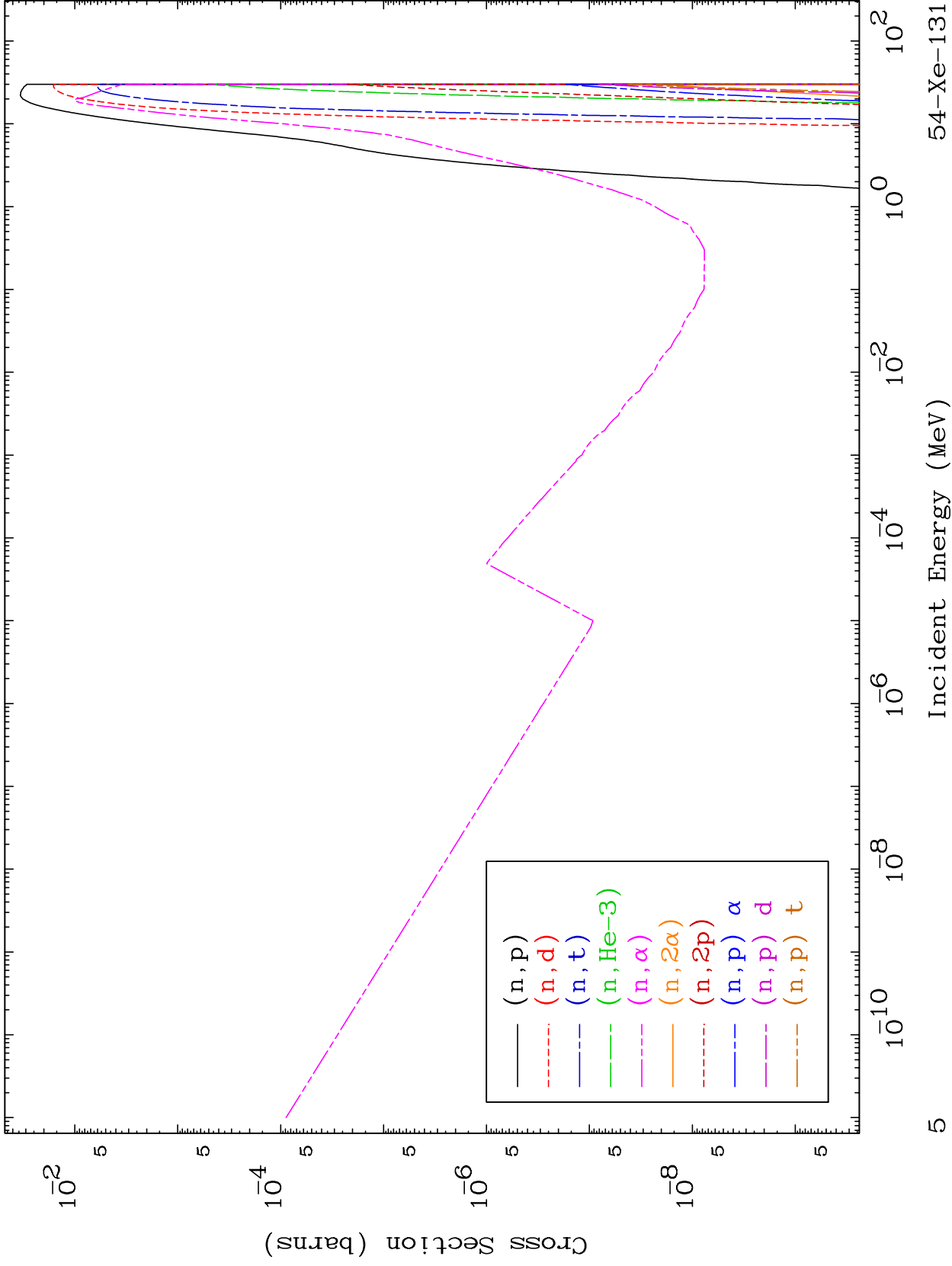


Neutron Production
293 Kelvin Cross Sections





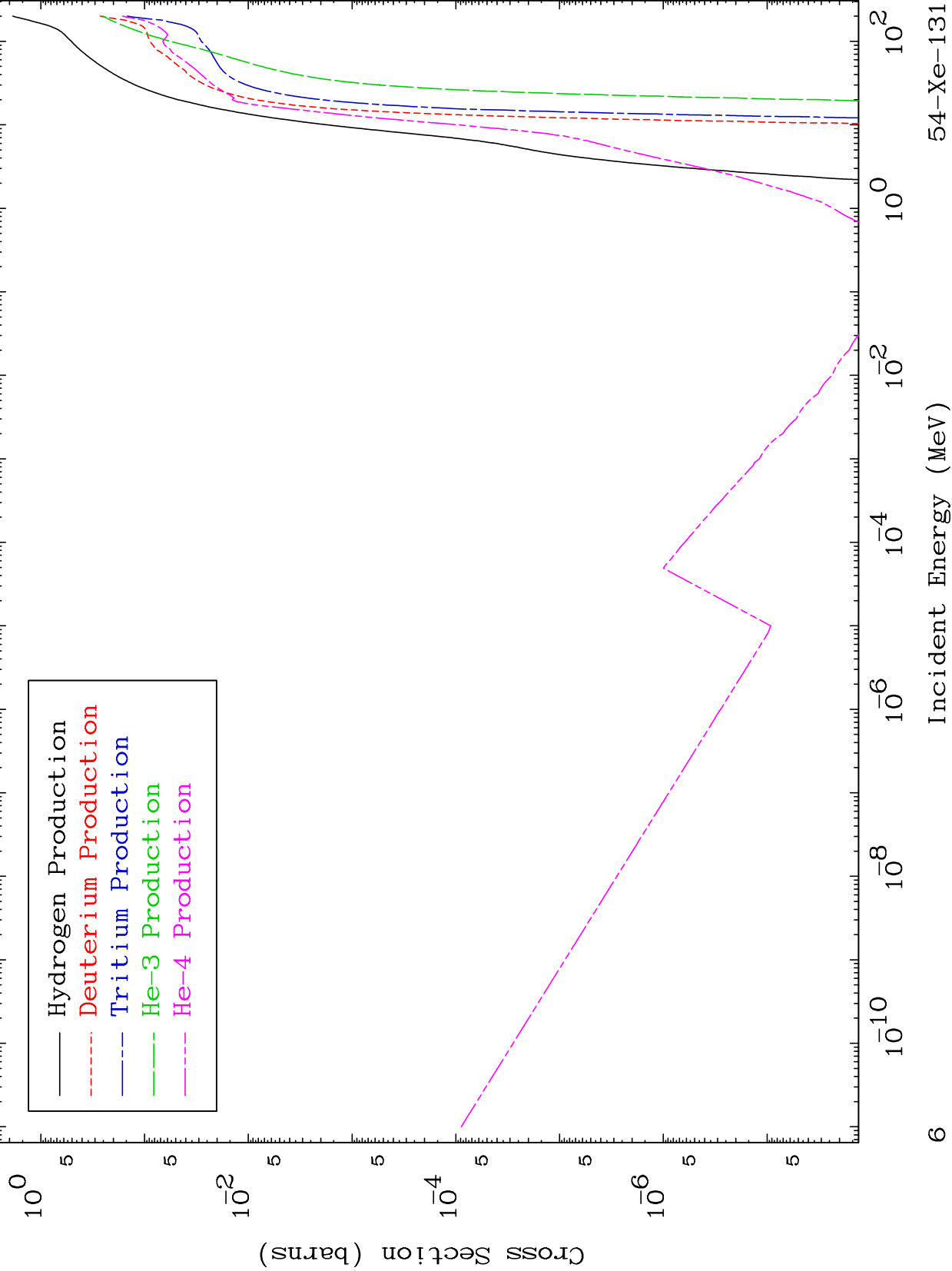




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Particle Production
293 Kelvin Cross Sections

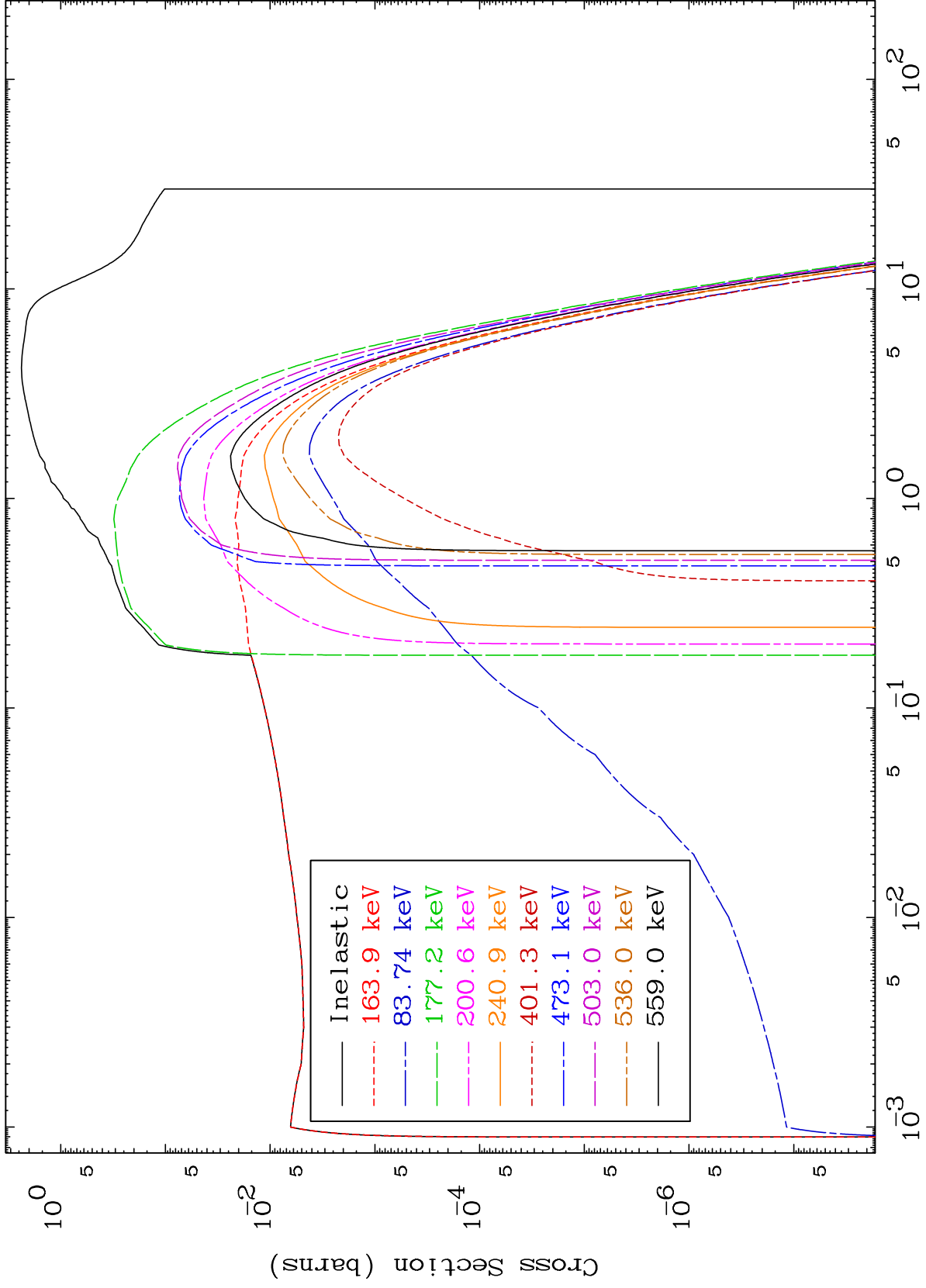
54-Xe-131



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(n,n') Level
293 Kelvin Cross Sections

54-Xe-131

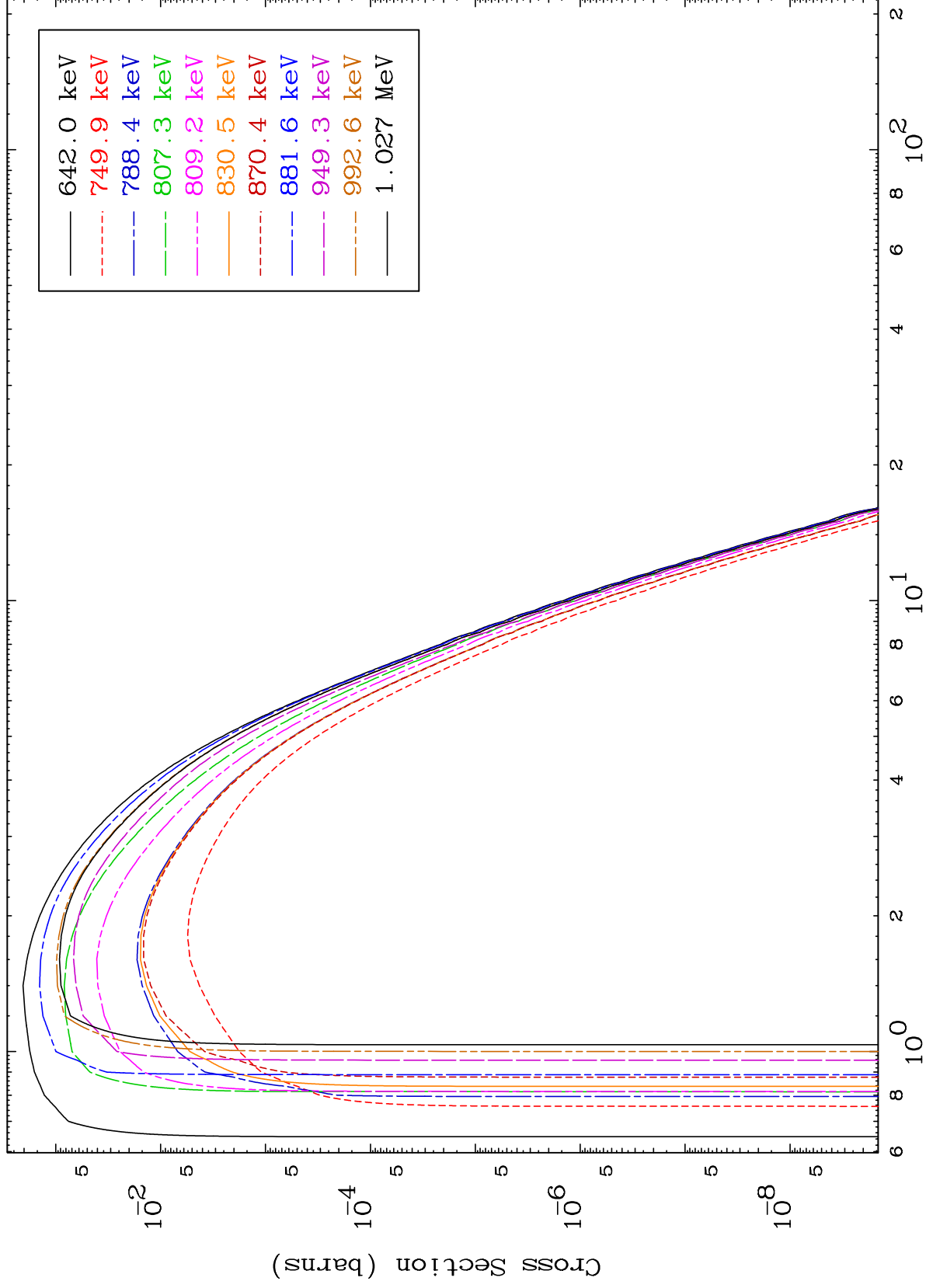


MAT 5447

(n,n') Level

54-Xe-131

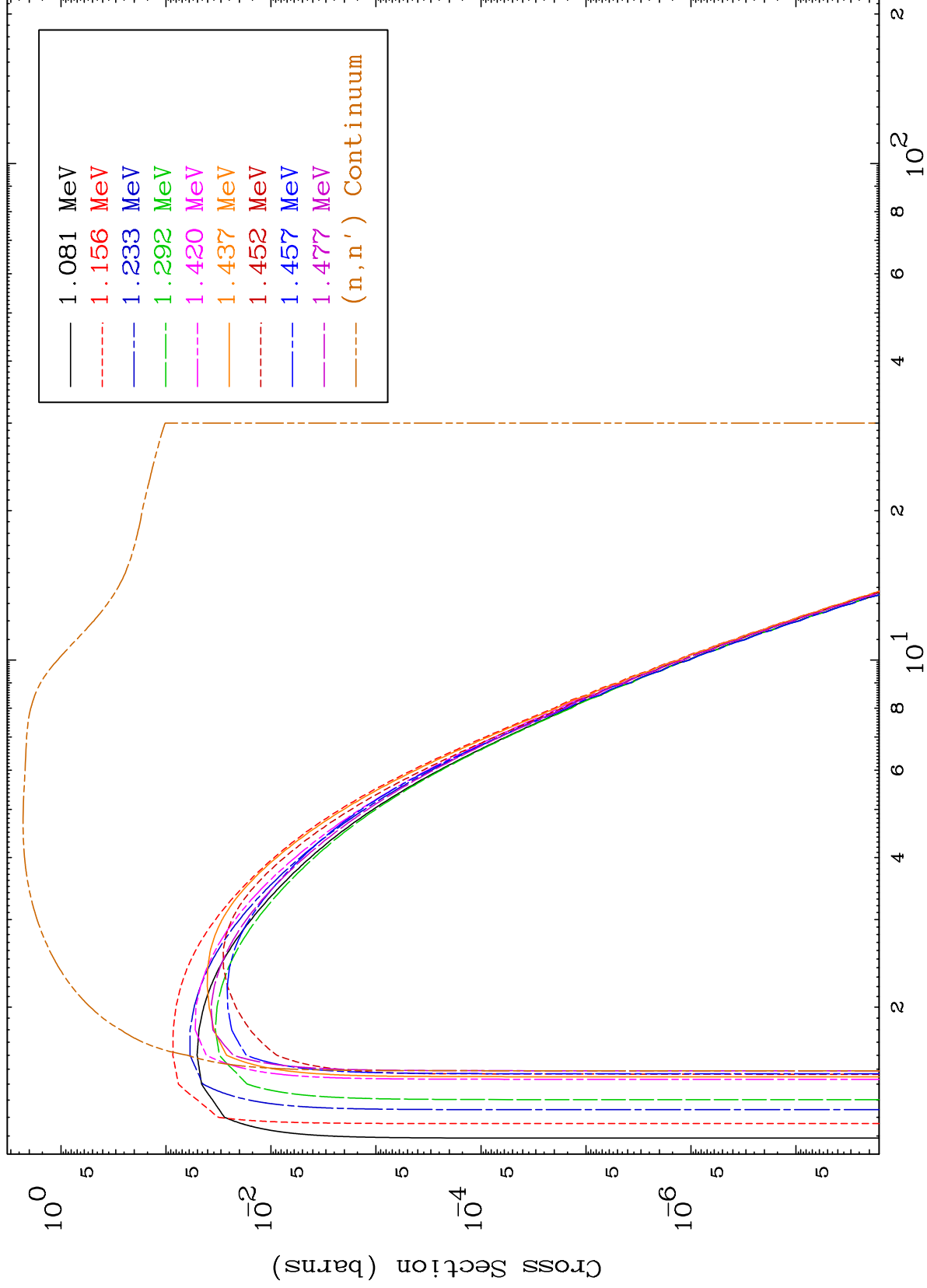
293 Kelvin Cross Sections



8

Incident Energy (MeV)

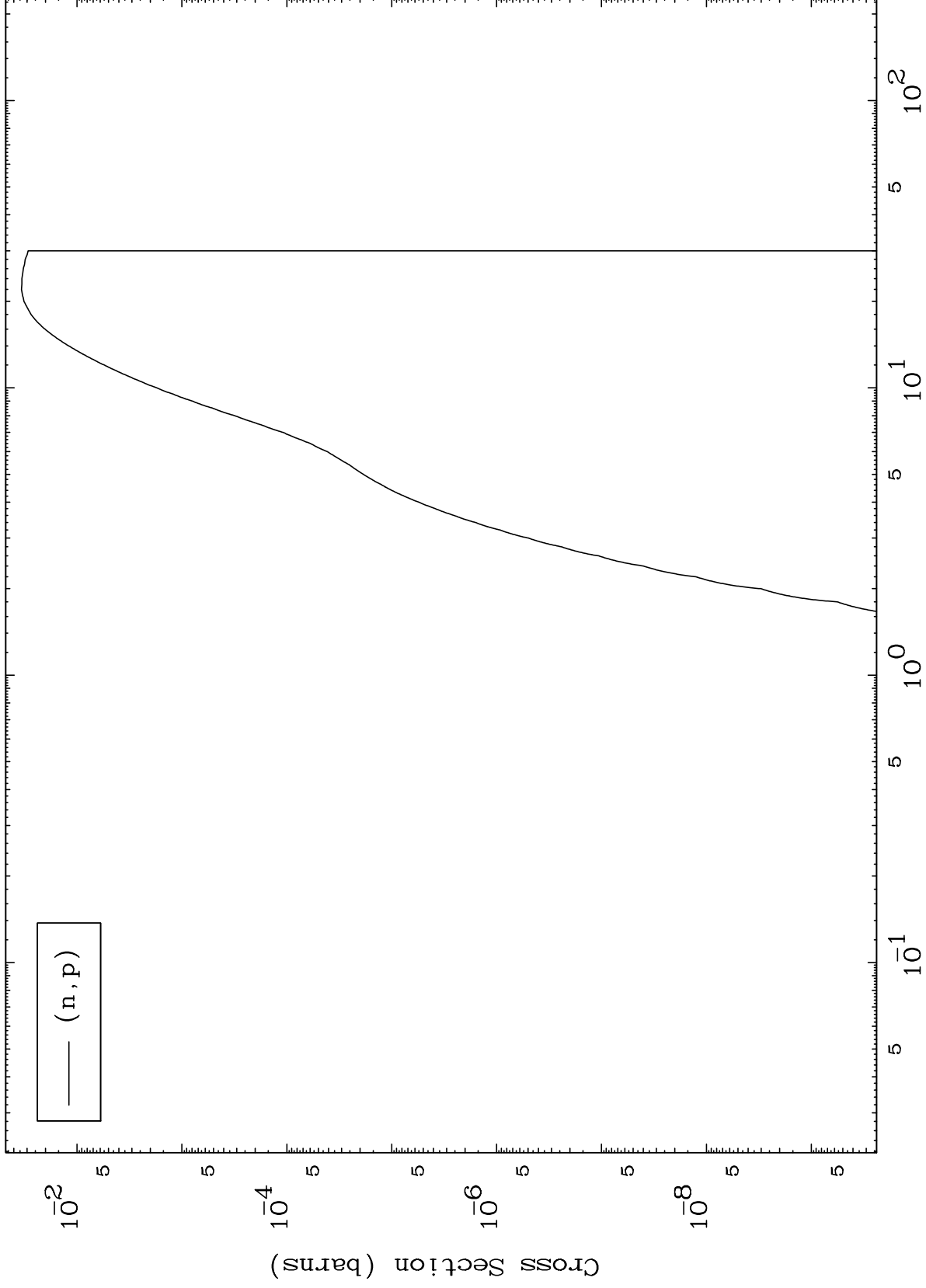
54-Xe-131



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(n,p) Levels
293 Kelvin Cross Sections

54-Xe-131



10

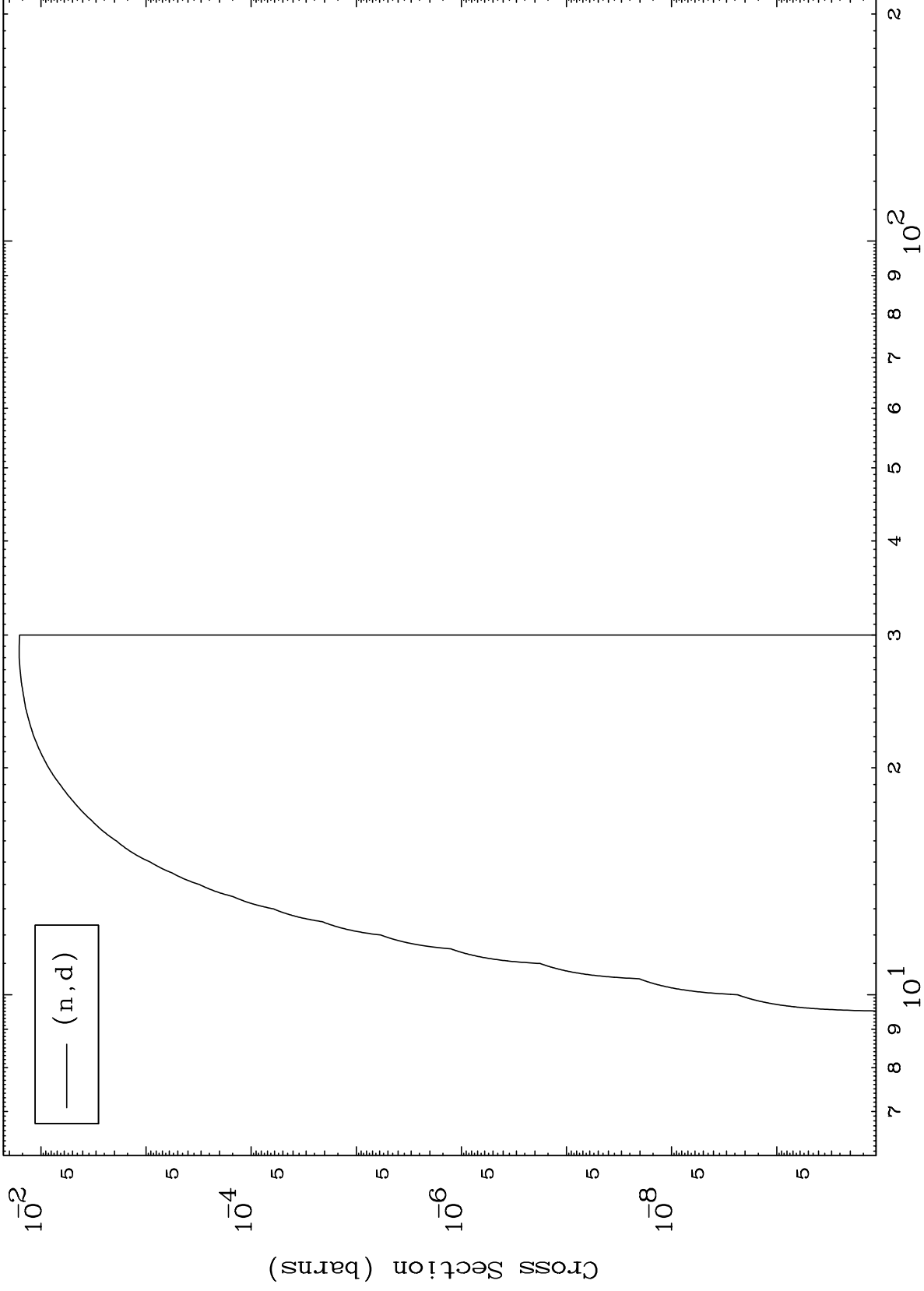
Incident Energy (MeV)

54-Xe-131

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(n,d) Levels
293 Kelvin Cross Sections

54-Xe-131



11

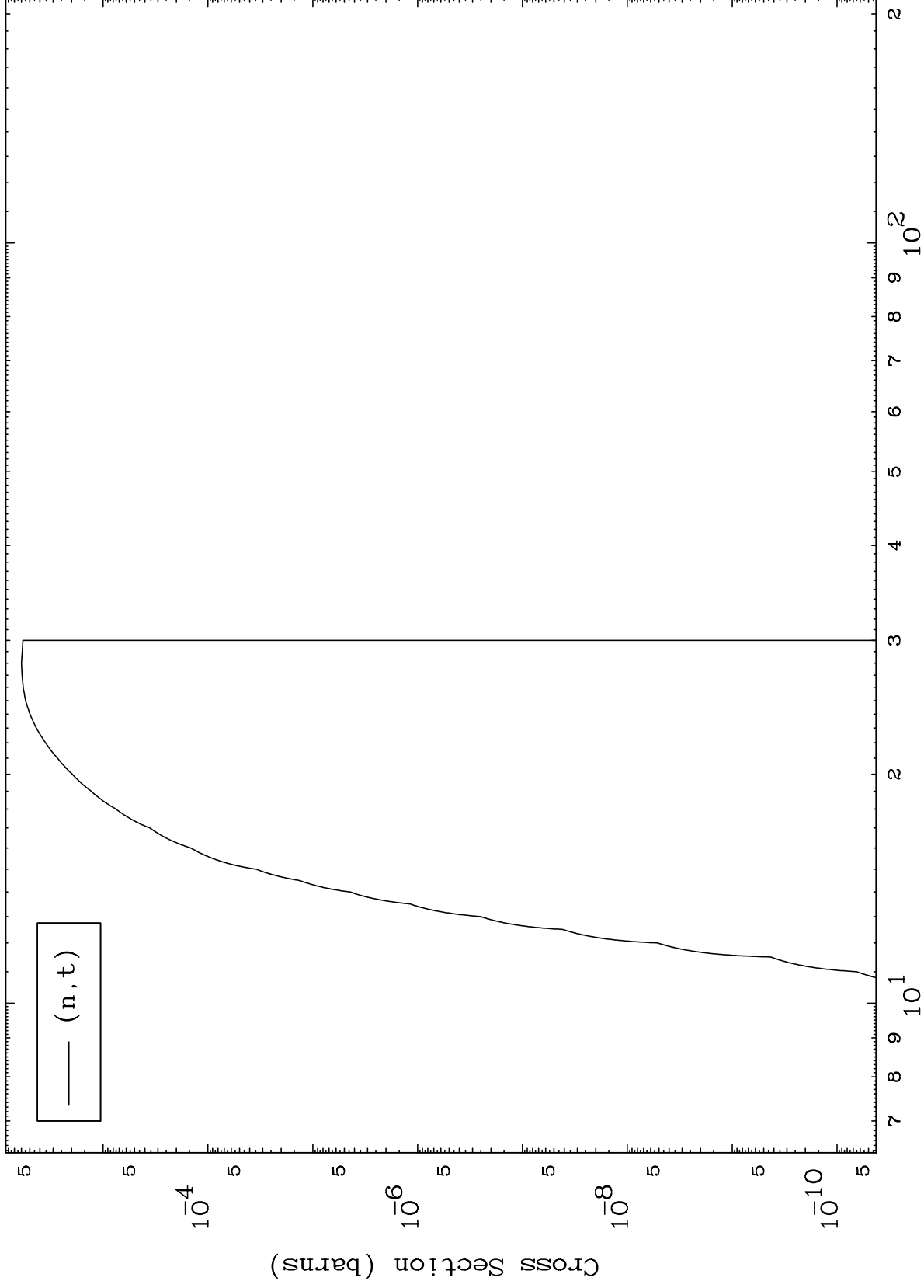
Incident Energy (MeV)

54-Xe-131

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(n,t) Levels
293 Kelvin Cross Sections

54-Xe-131



12

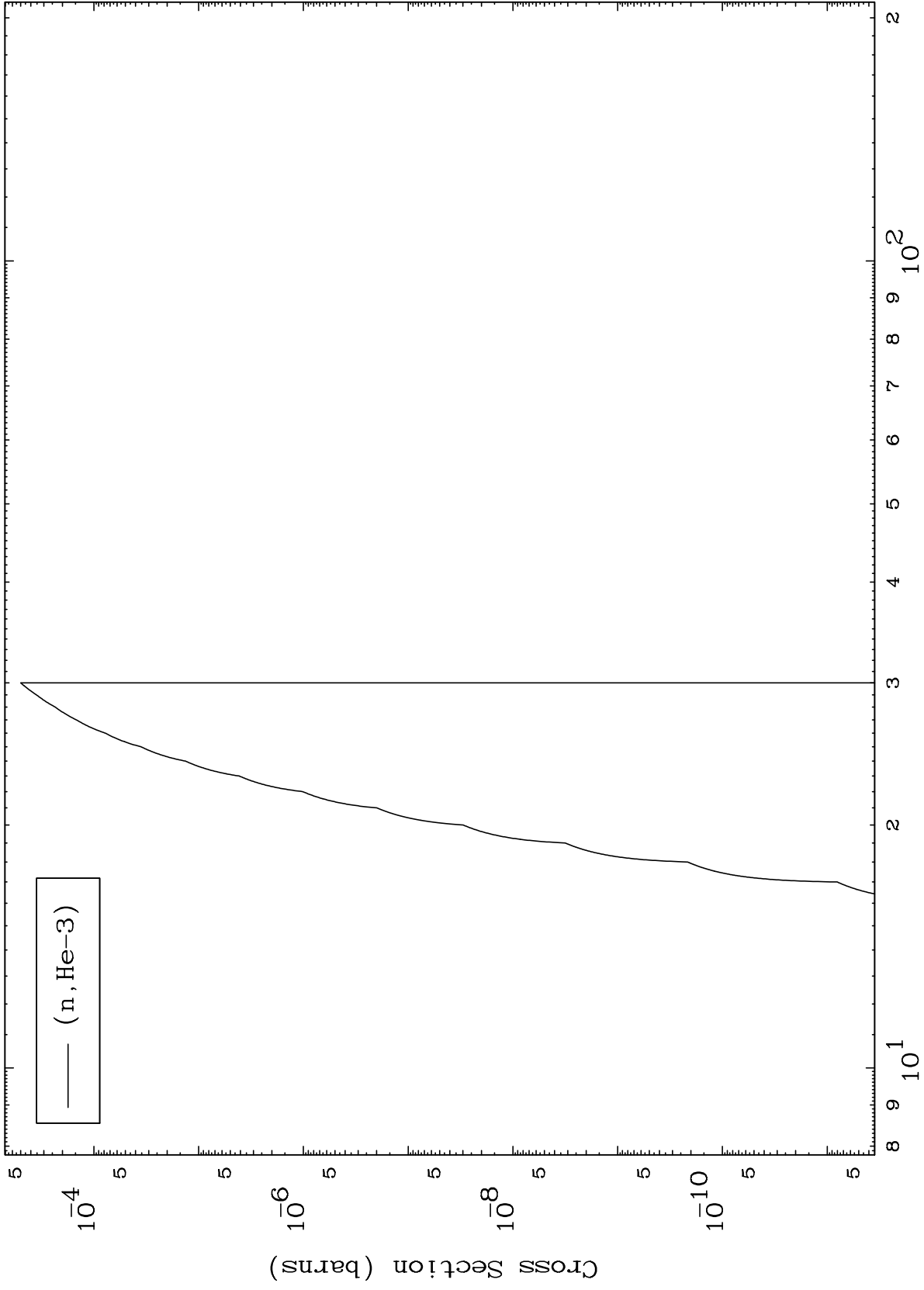
Incident Energy (MeV)

54-Xe-131

MAT 5447

(n,He3) Levels
293 Kelvin Cross Sections

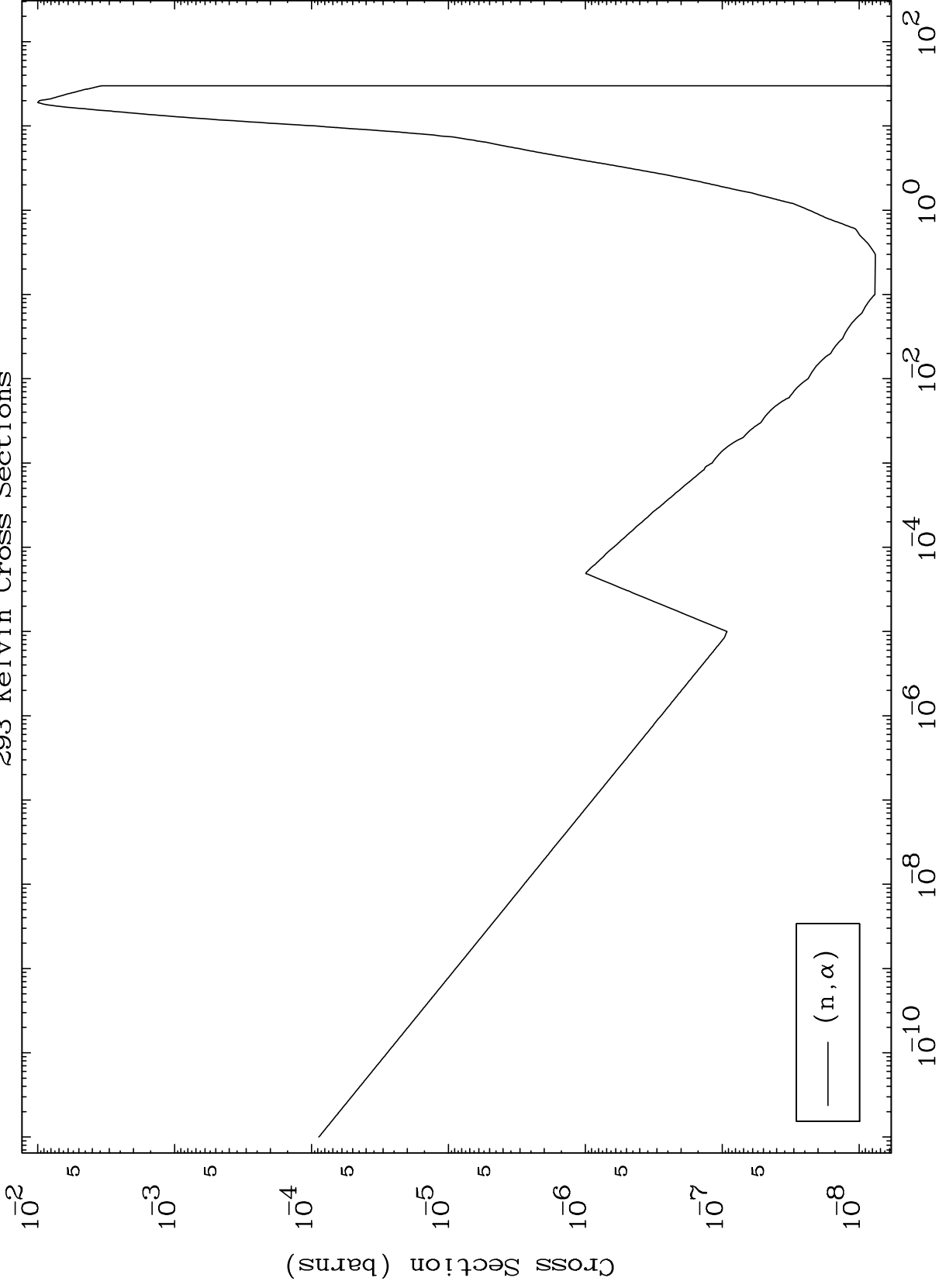
54-Xe-131



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(n,α) Levels
293 Kelvin Cross Sections

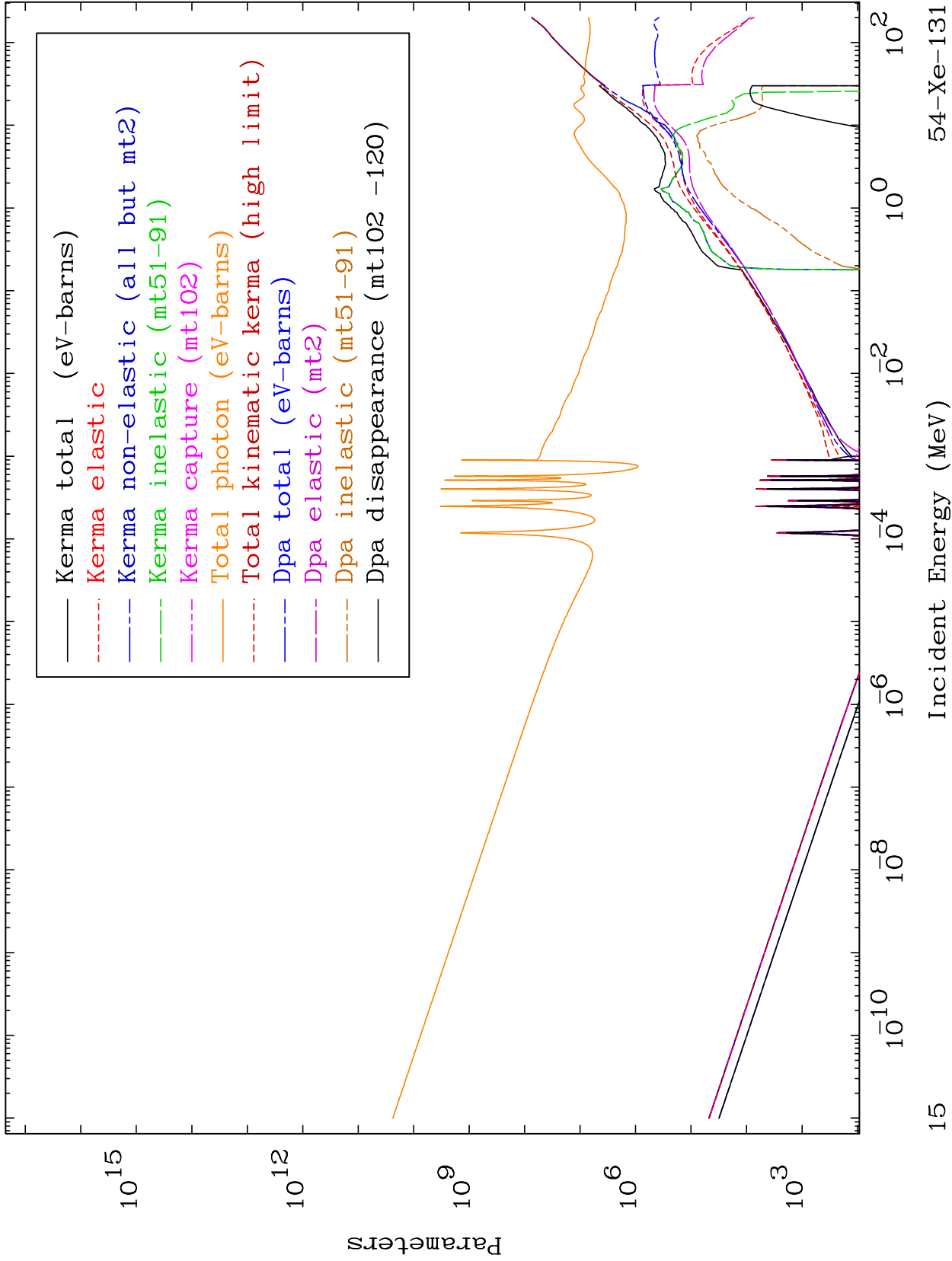
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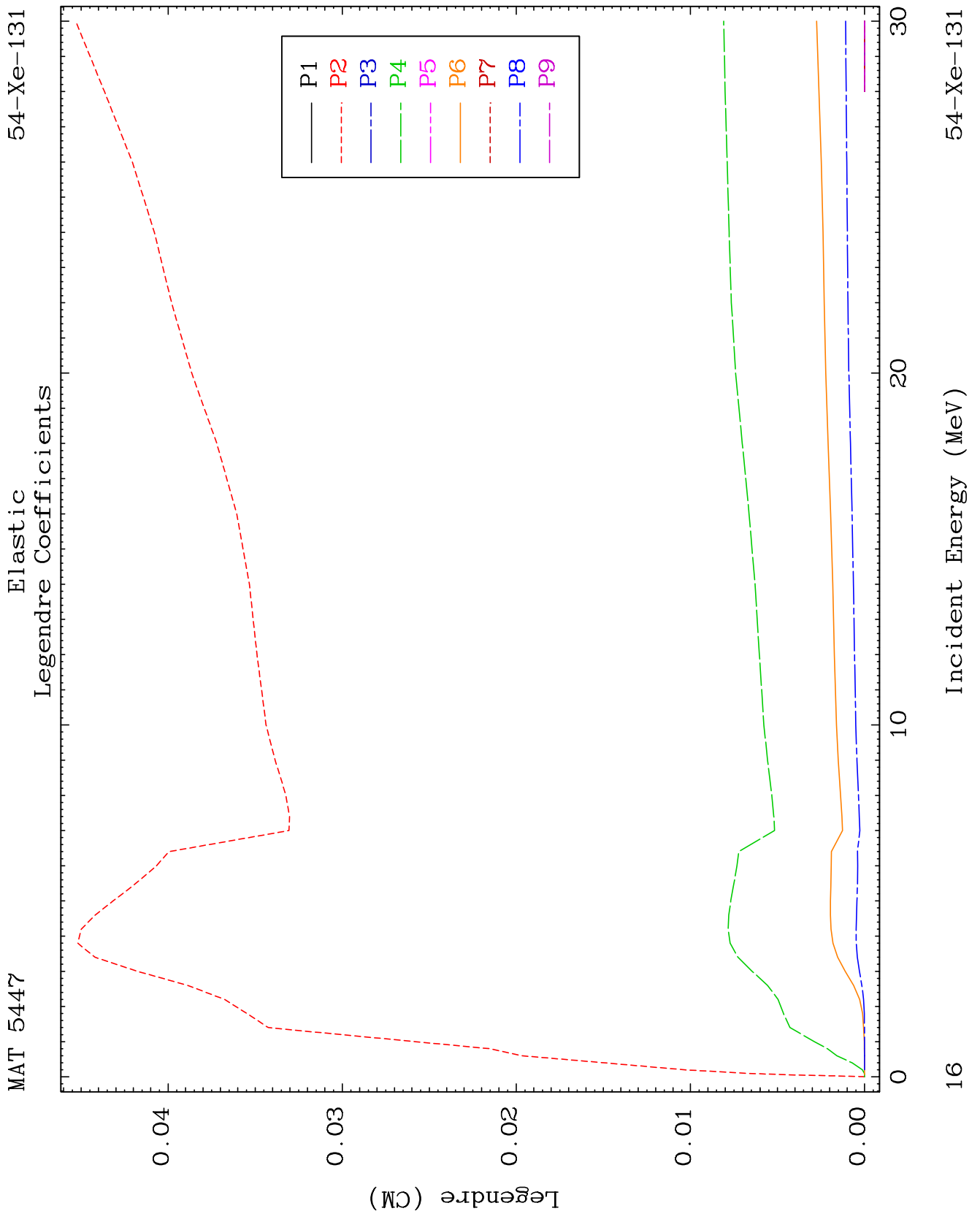


14

Incident Energy (MeV)

54-Xe-131





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54-Xe-131

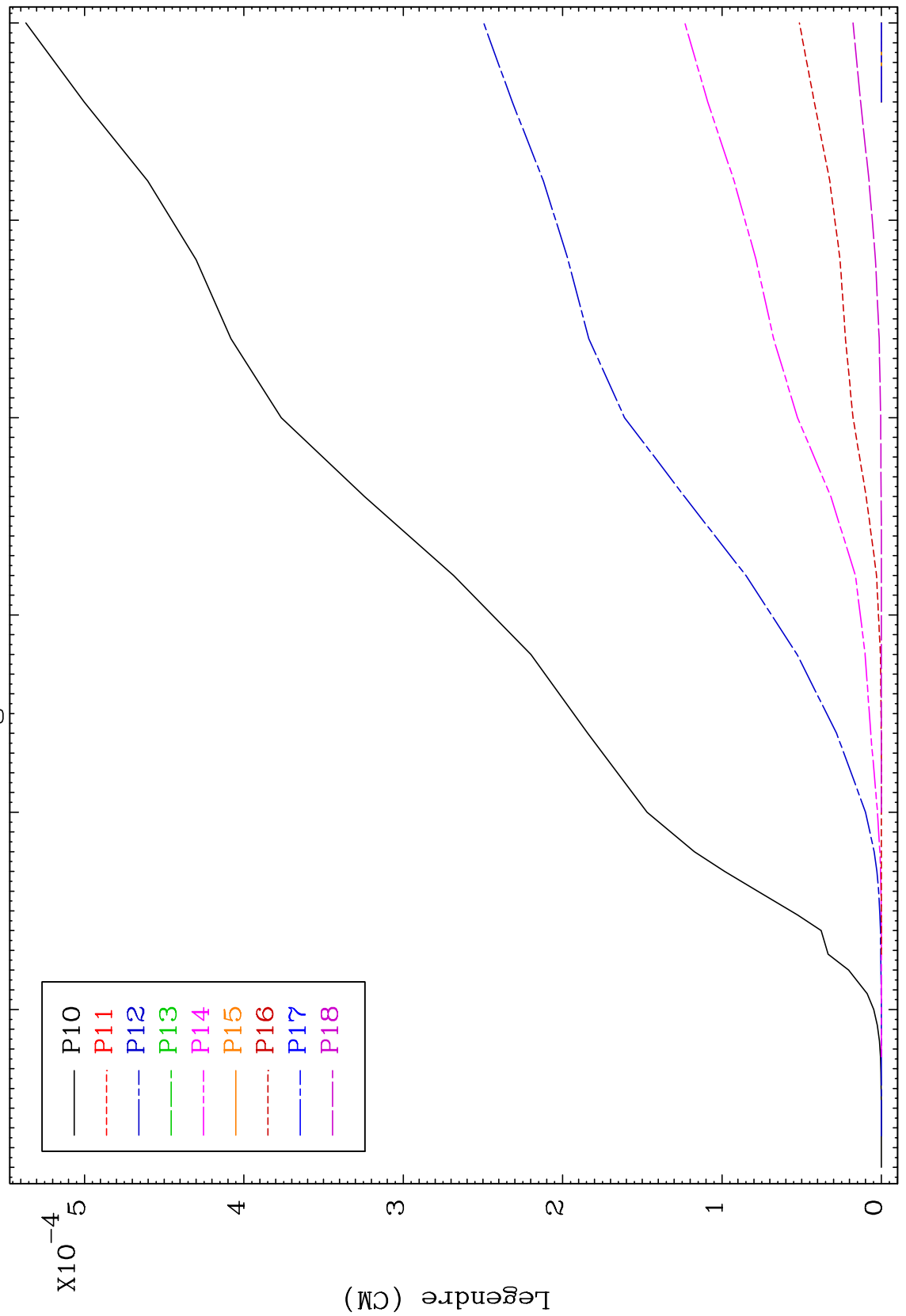
16

54-Xe-131

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Elastic Legendre Coefficients

54-Xe-131



17

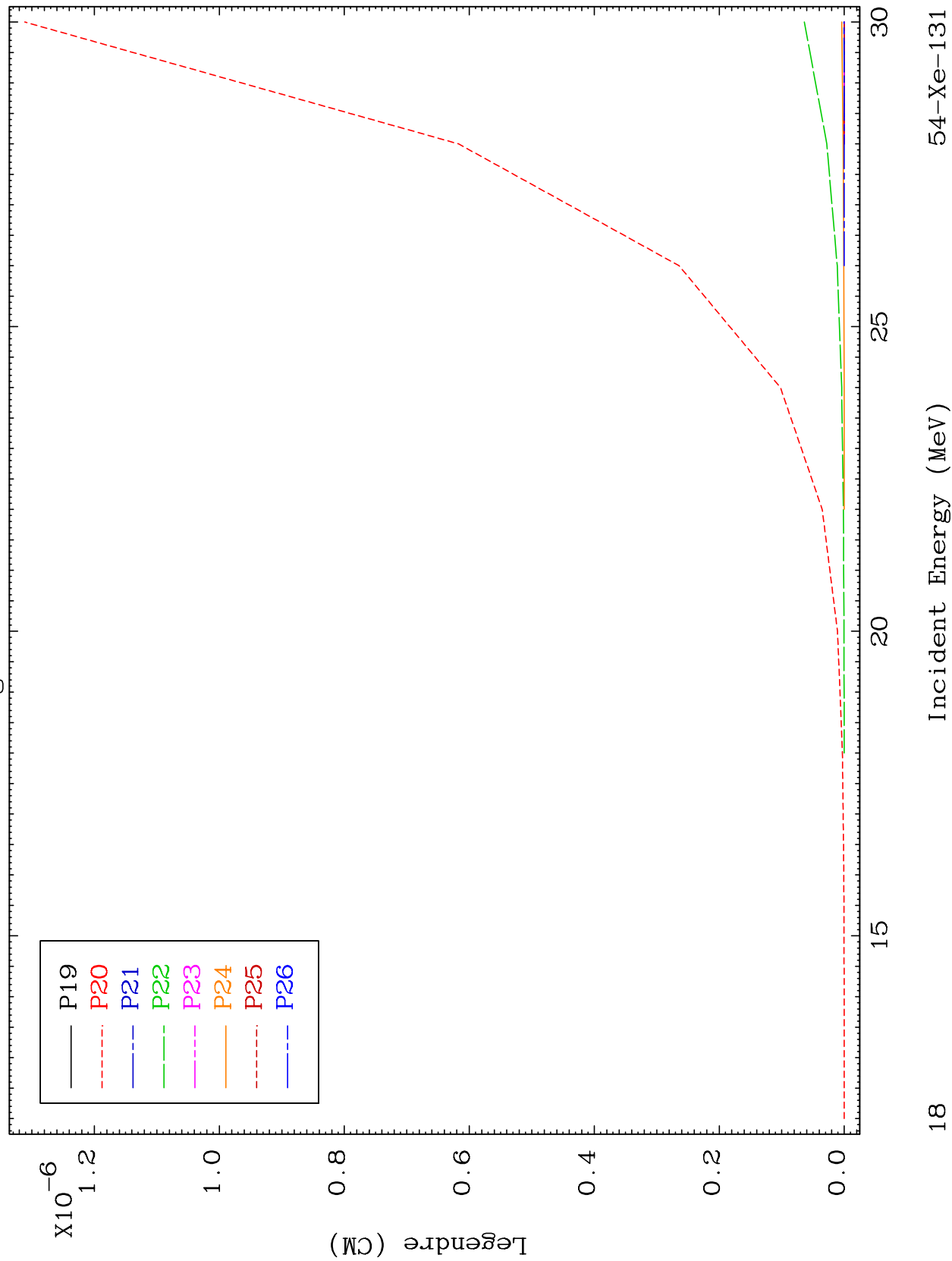
Incident Energy (MeV)

54-Xe-131

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Elastic Legendre Coefficients

54-Xe-131



18

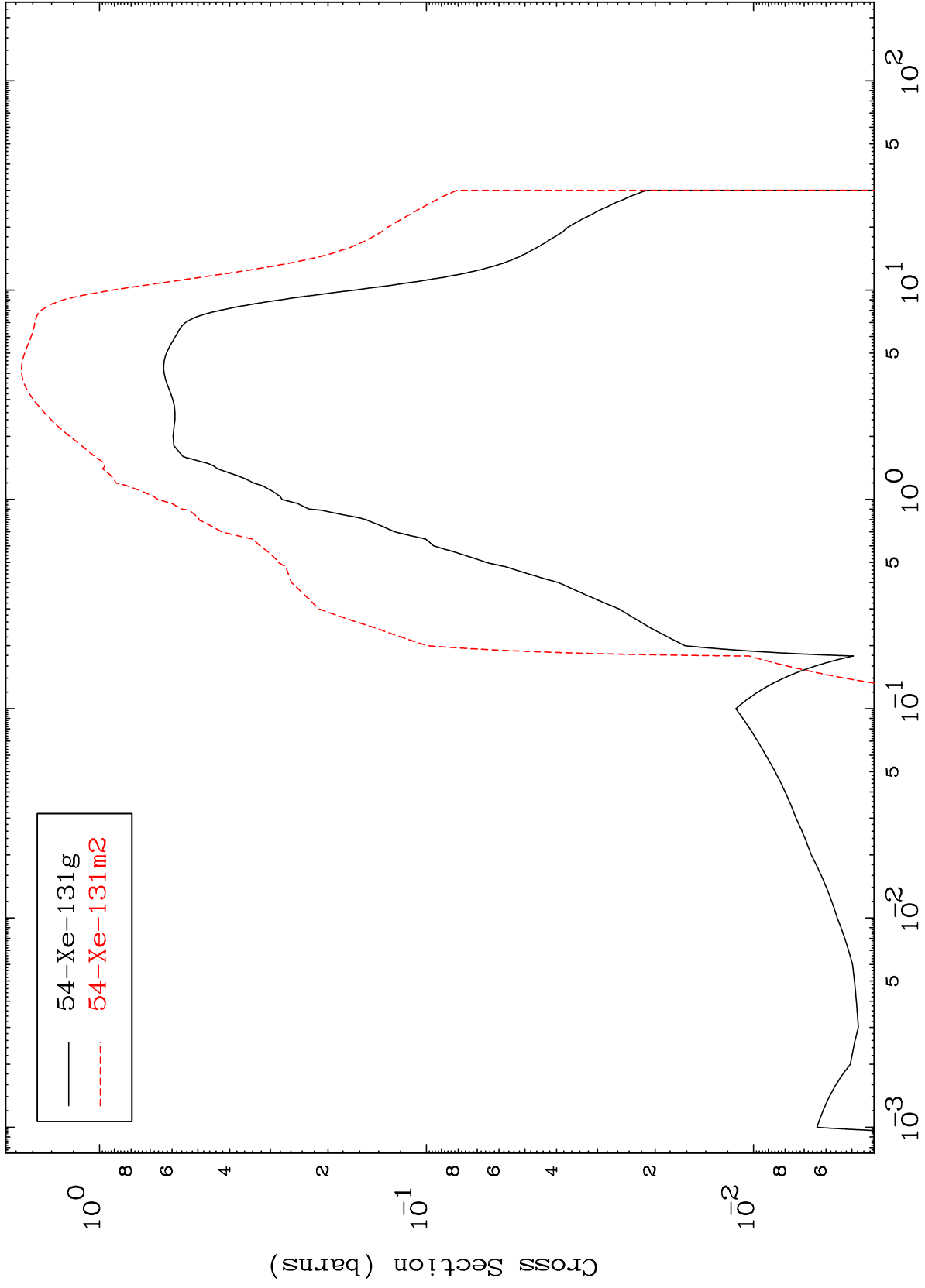
Incident Energy (MeV)

54-Xe-131

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54-Xe-131

Inelastic
Radionuclide Production Cross Section



54-Xe-131

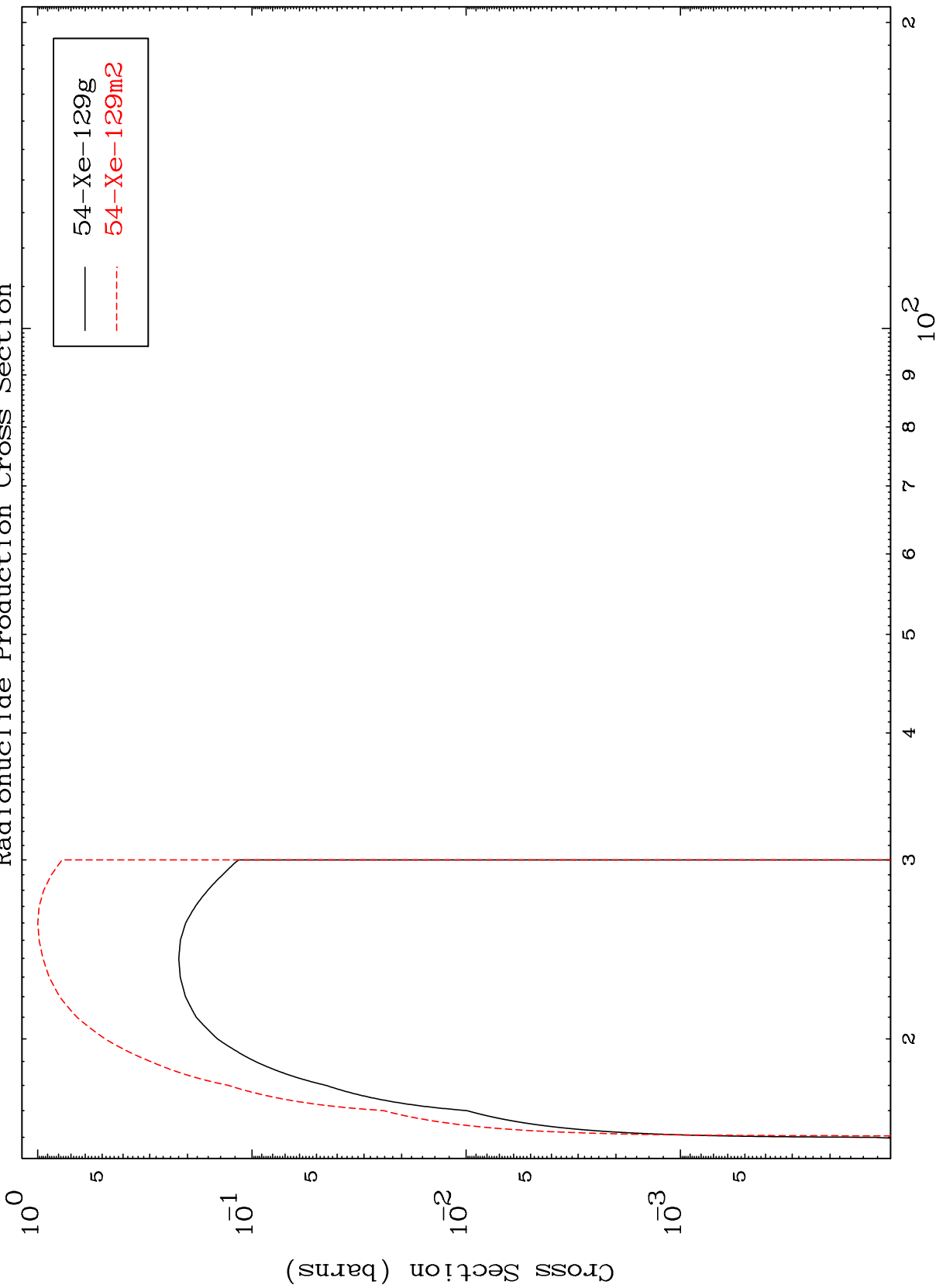
Incident Energy (MeV)

19

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54-Xe-131

(n,3n)
Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

54-Xe-131

Incident Energy (MeV)

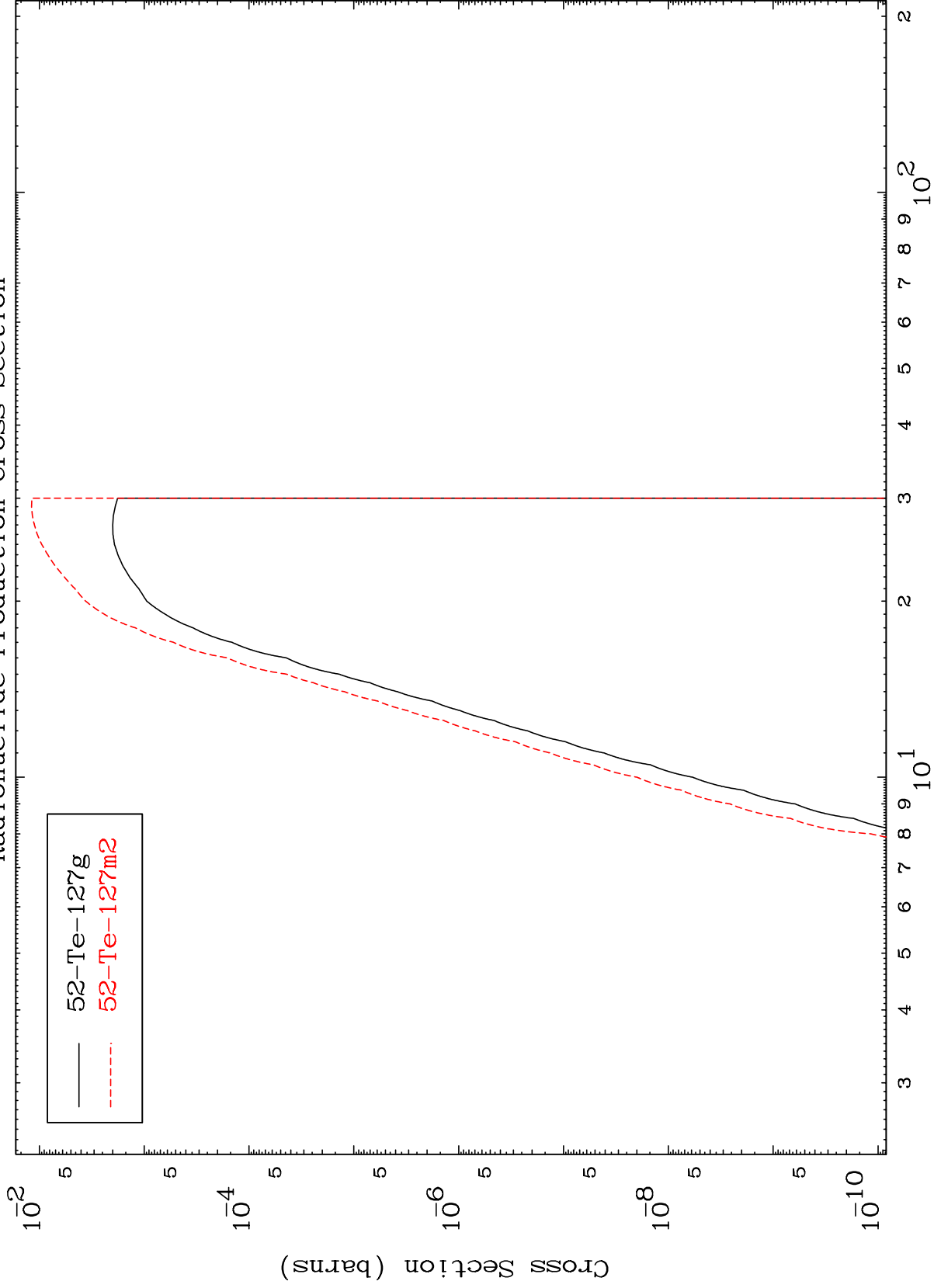
20

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54-Xe-131

(n,n') α

Radionuclide Production Cross Section

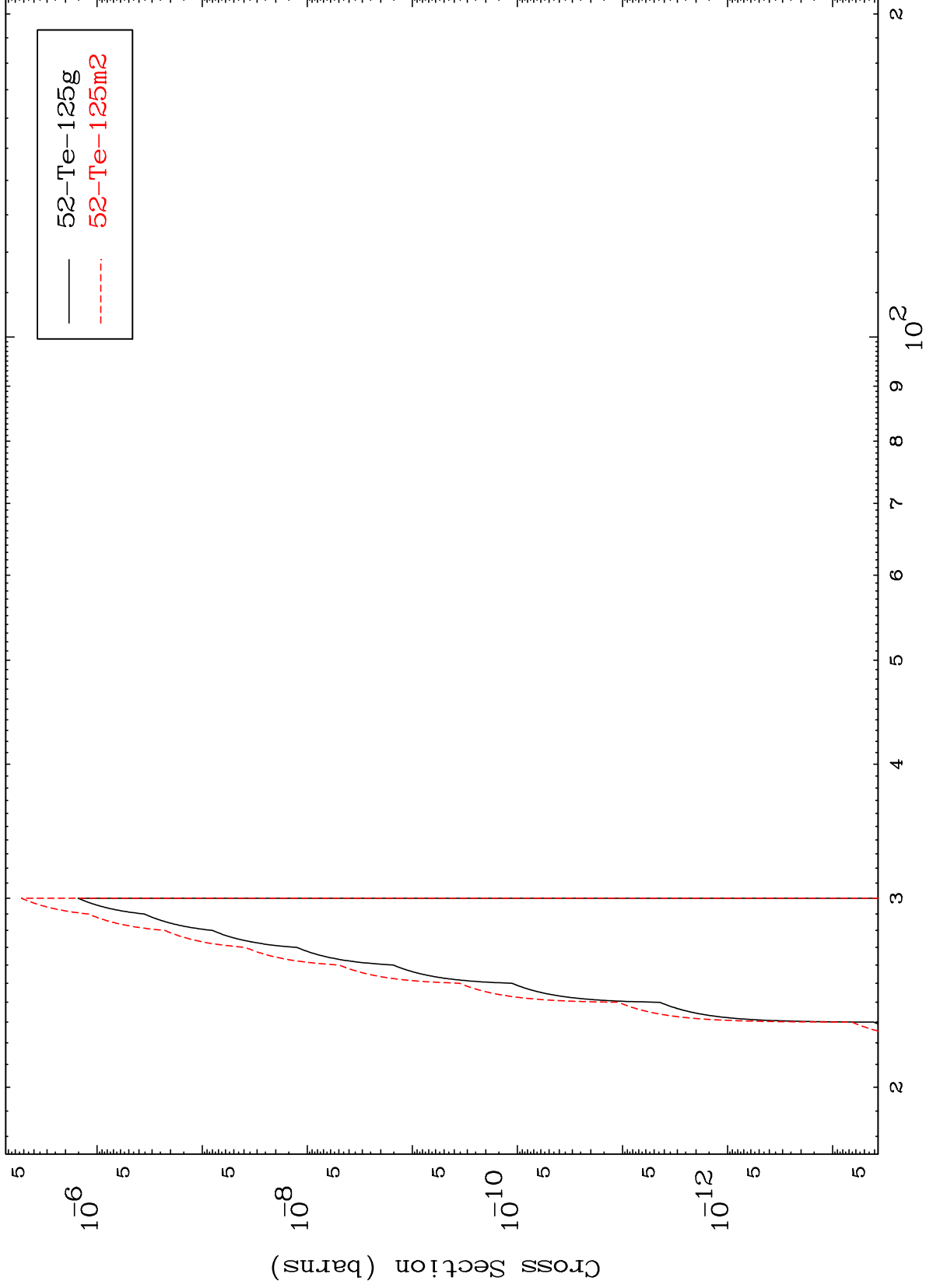


21

Incident Energy (MeV)

54-Xe-131

Radionuclide Production Cross Section

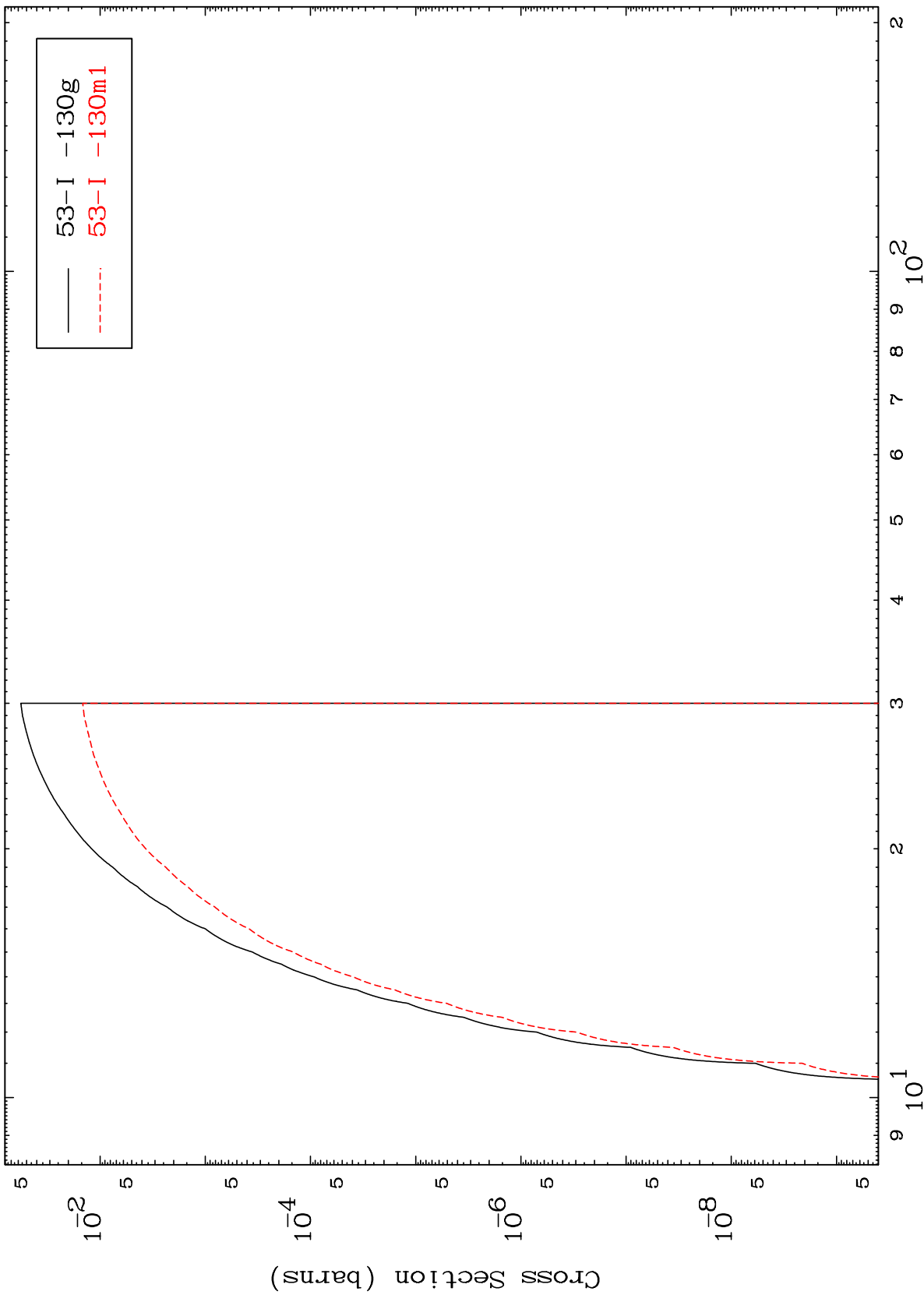


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(n,n') p

54-Xe-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

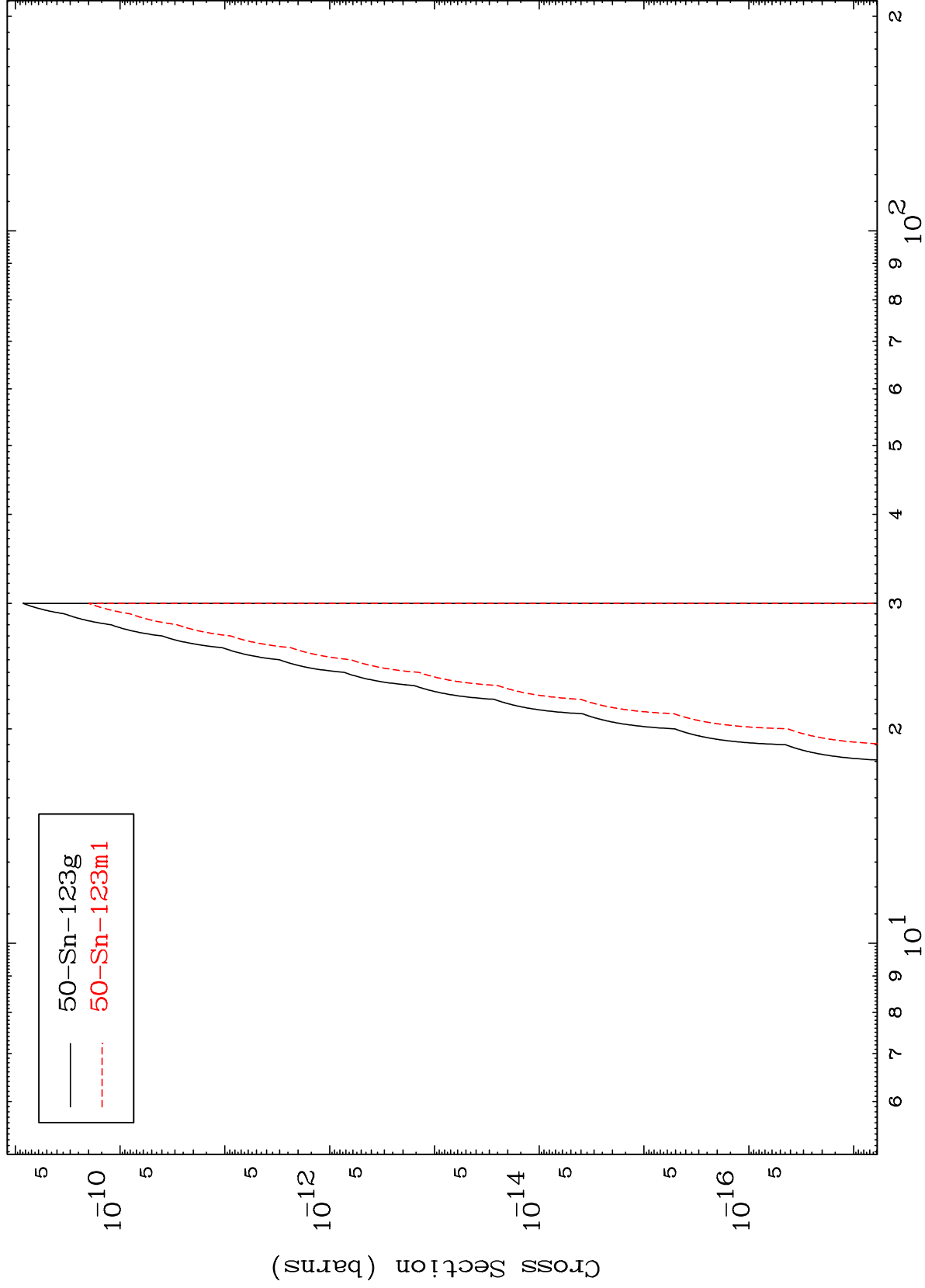
54-Xe-131

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(n,n') 2α

54-Xe-131

Radionuclide Production Cross Section



24

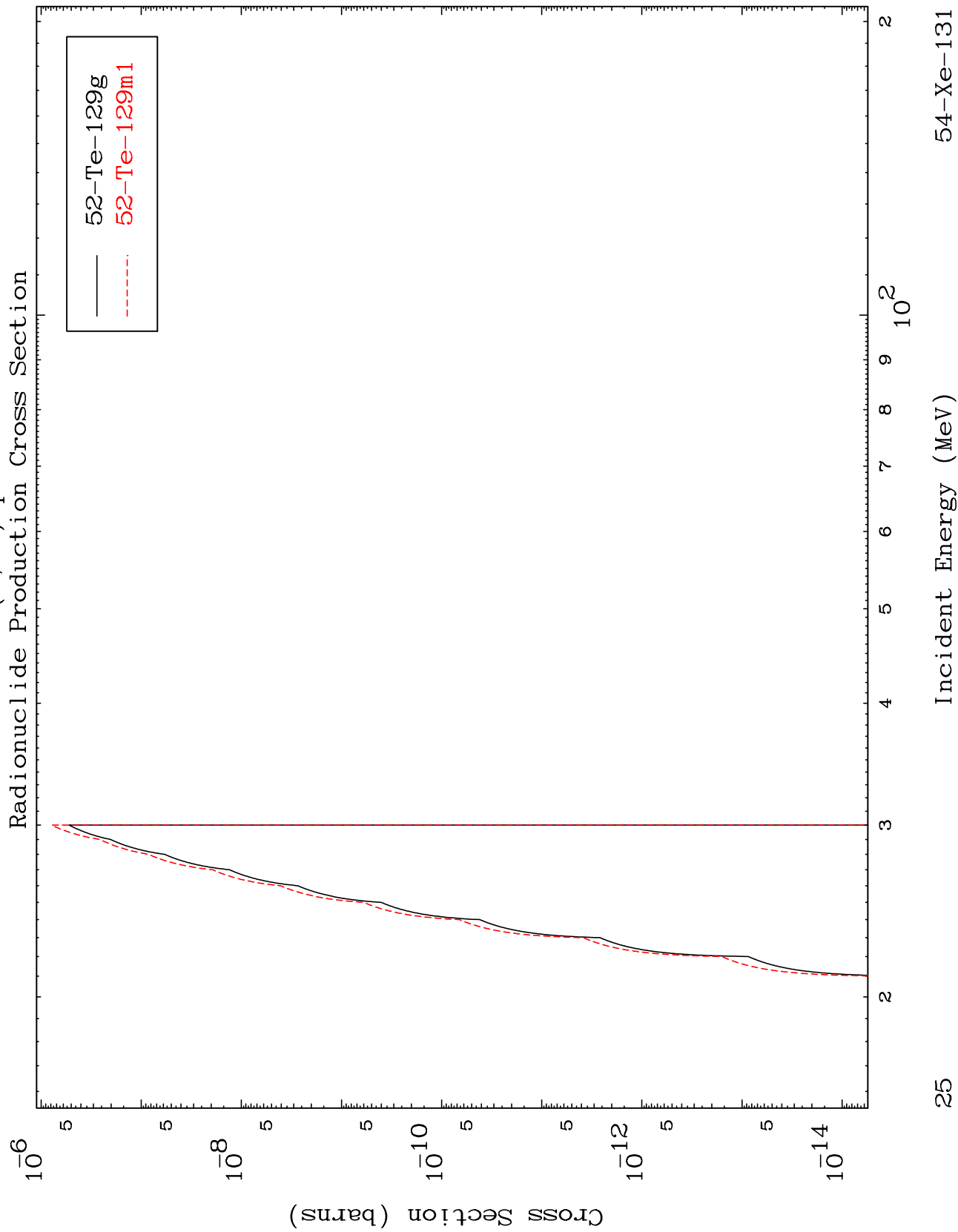
Incident Energy (MeV)

54-Xe-131

MAT 5447

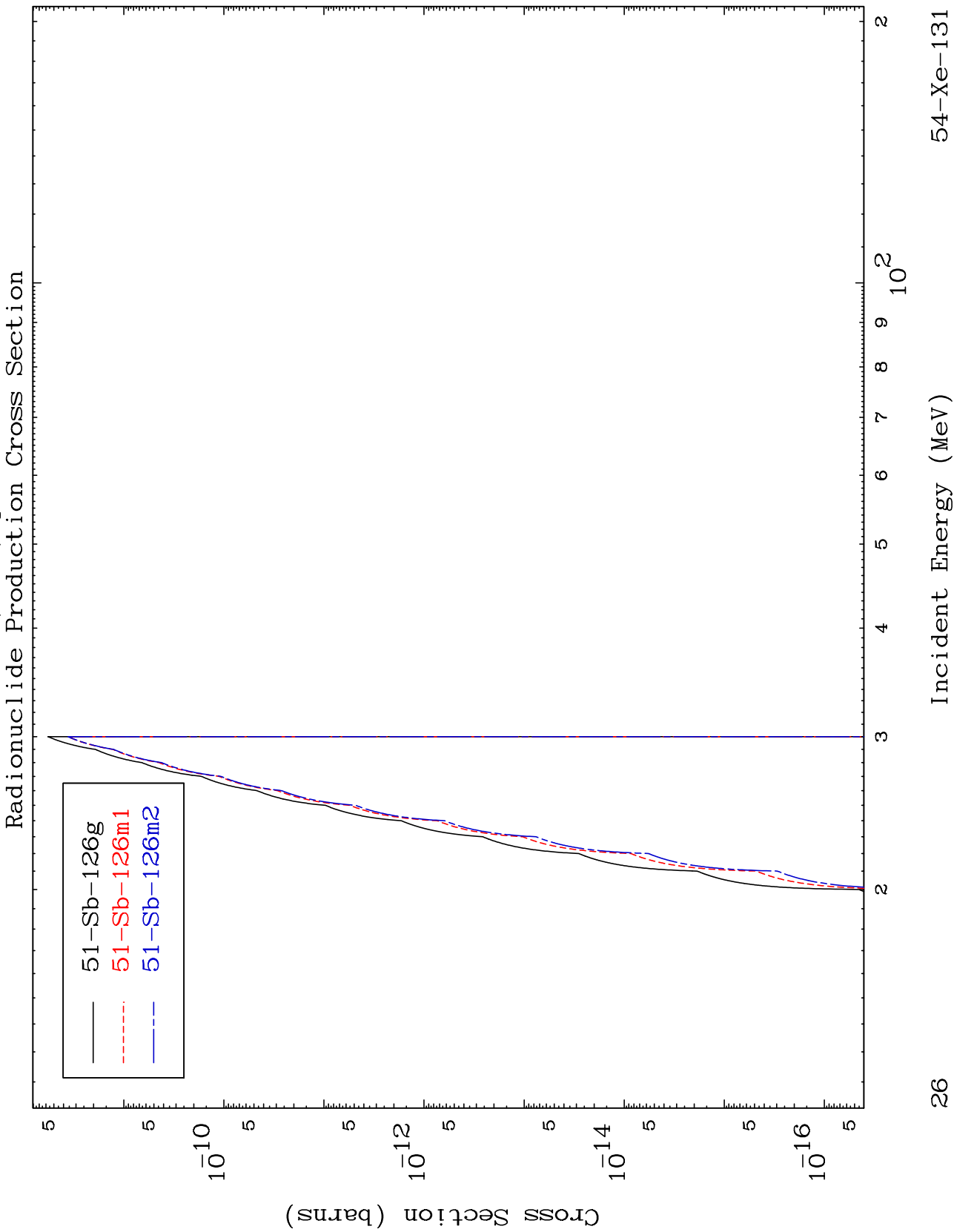
(n,2n) p

54-Xe-131



25

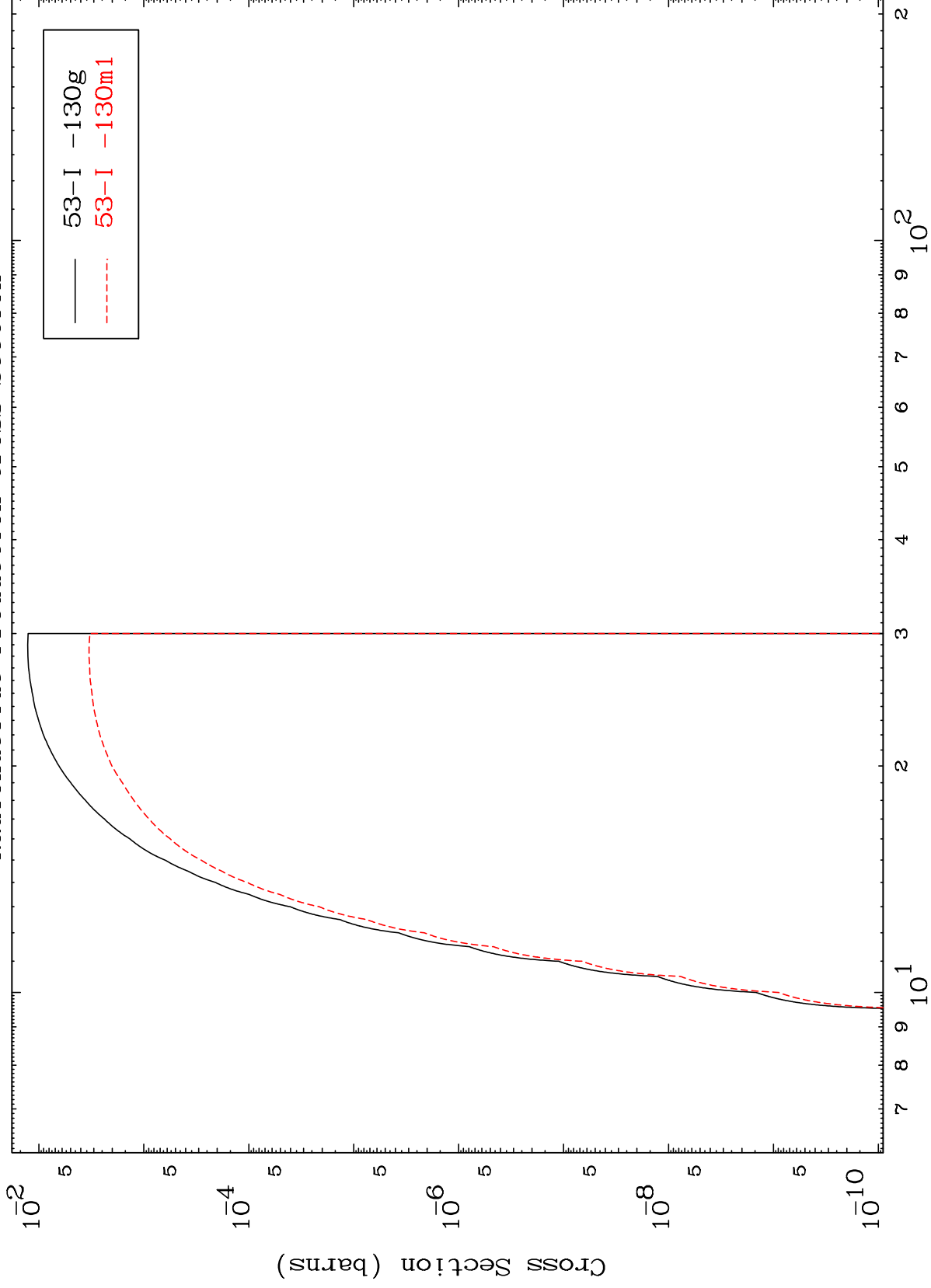
54-Xe-131



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54-Xe-131

(n,d)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

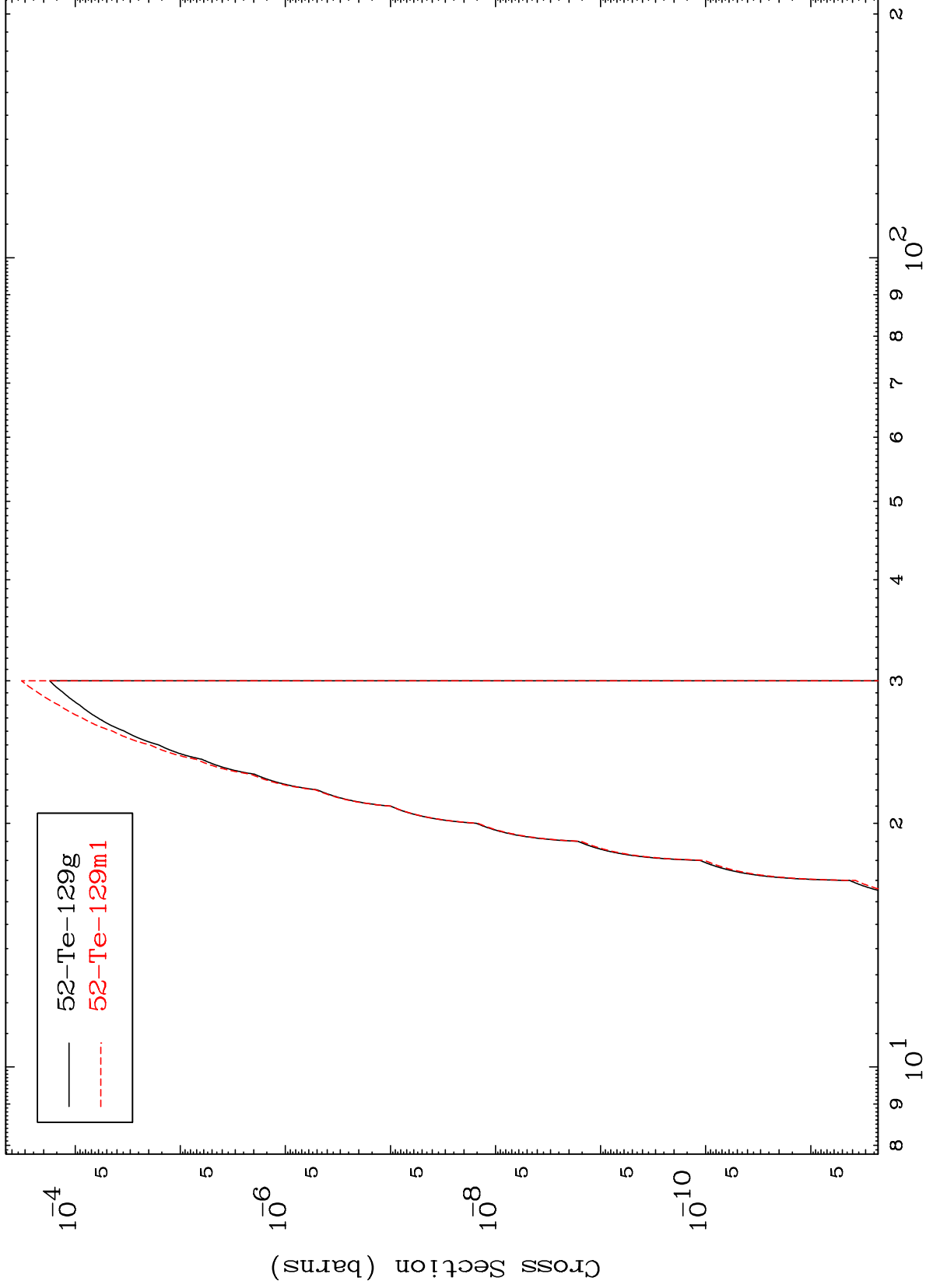
54-Xe-131

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(n,He-3)

54-Xe-131

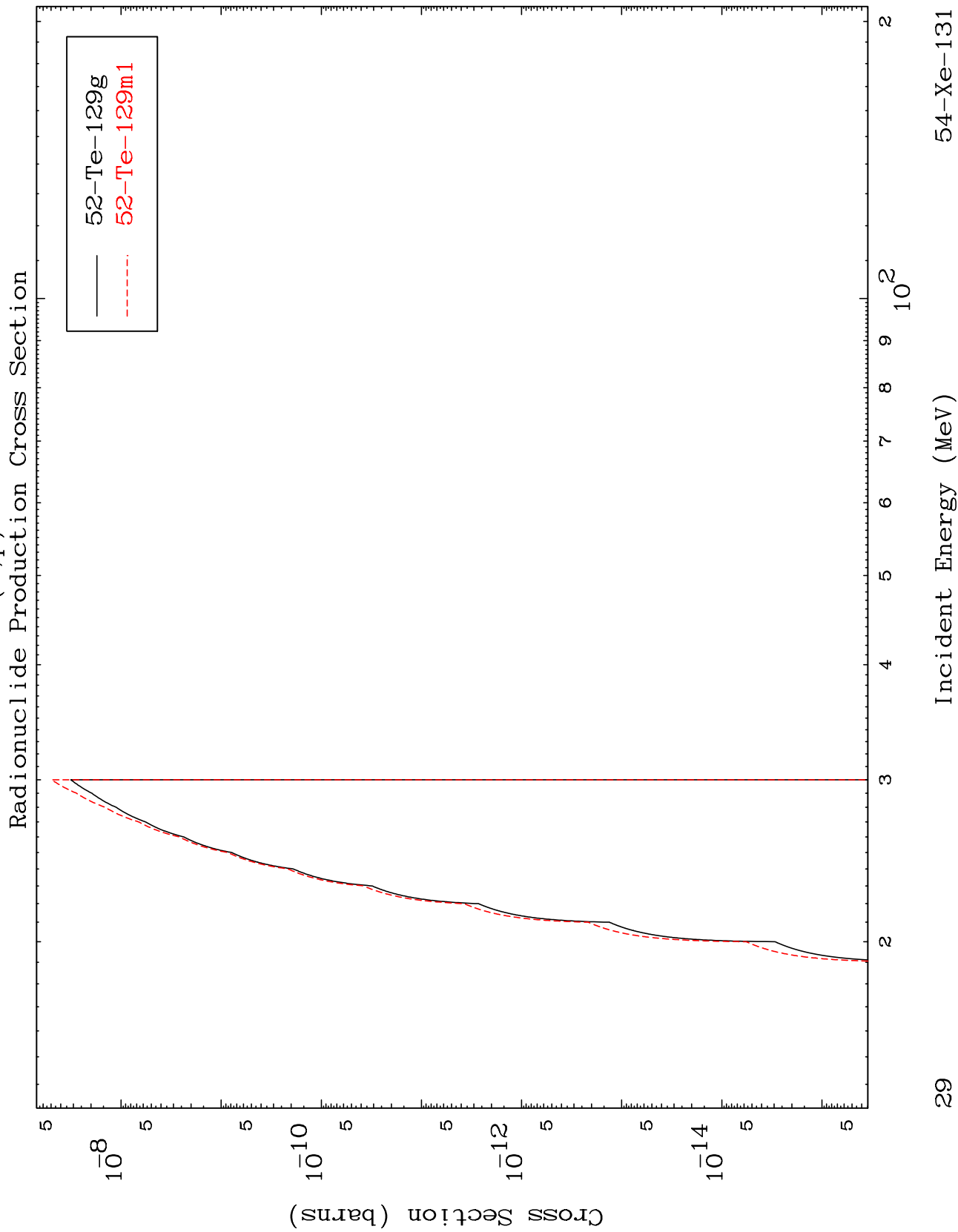
Radionuclide Production Cross Section



28

Incident Energy (MeV)

54-Xe-131

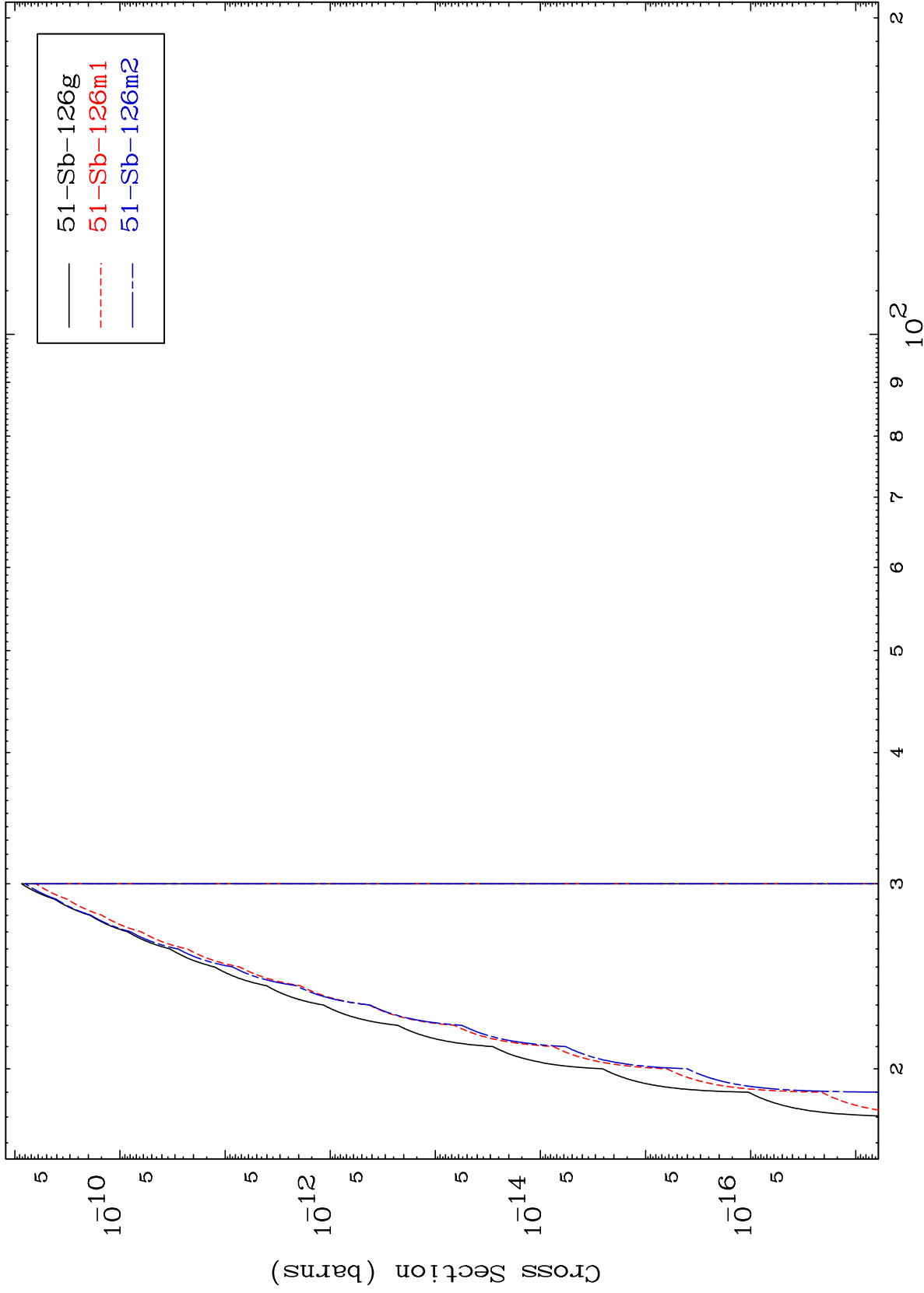


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(n,d) α

54-Xe-131

Radionuclide Production Cross Section



30

Incident Energy (MeV)

54-Xe-131