

Program EVALPLOT
(Version 2018-1)

by

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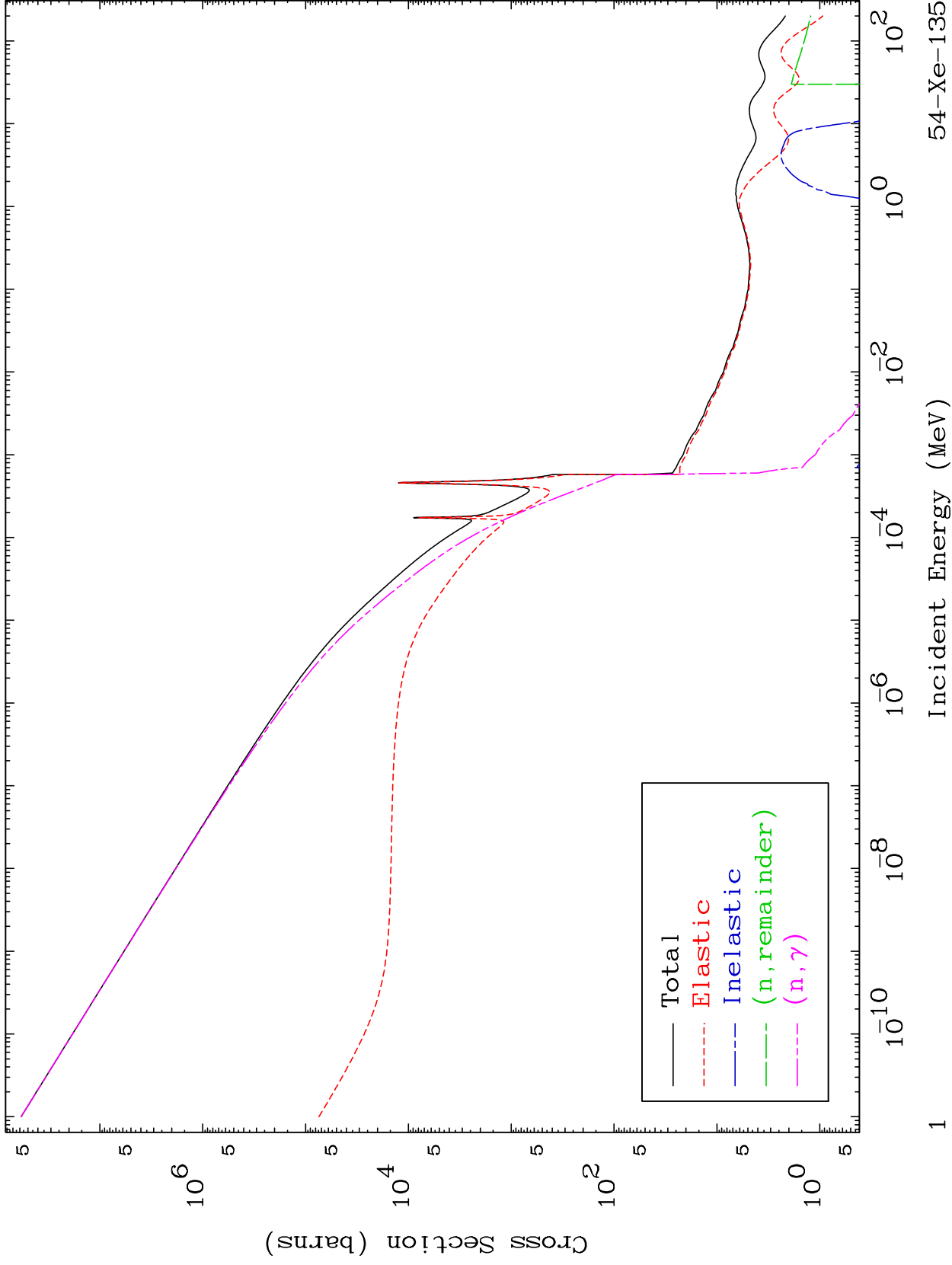
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5459

Major
293 Kelvin Cross Sections

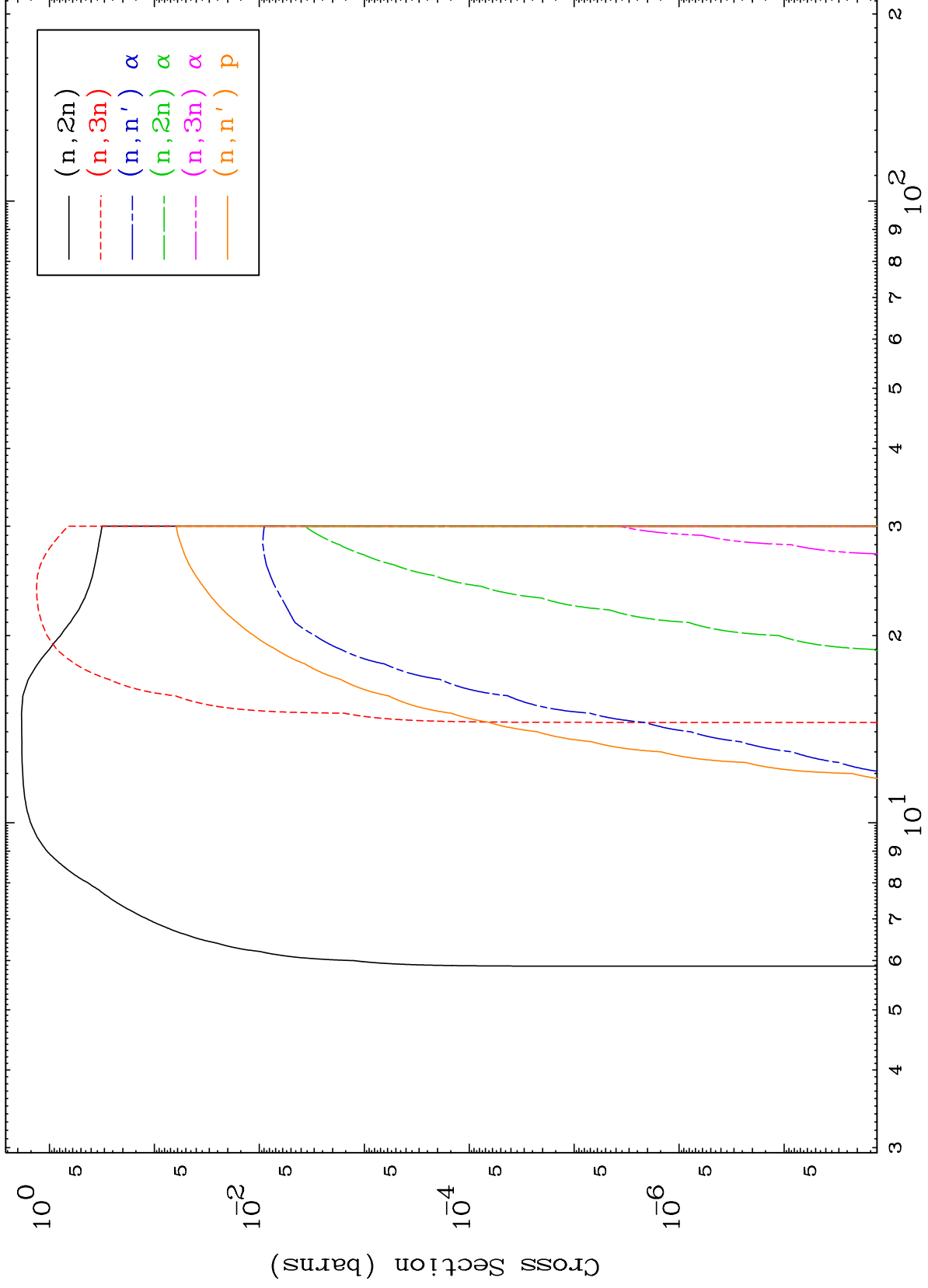
54-Xe-135



MAT 5459

Neutron Production
293 Kelvin Cross Sections

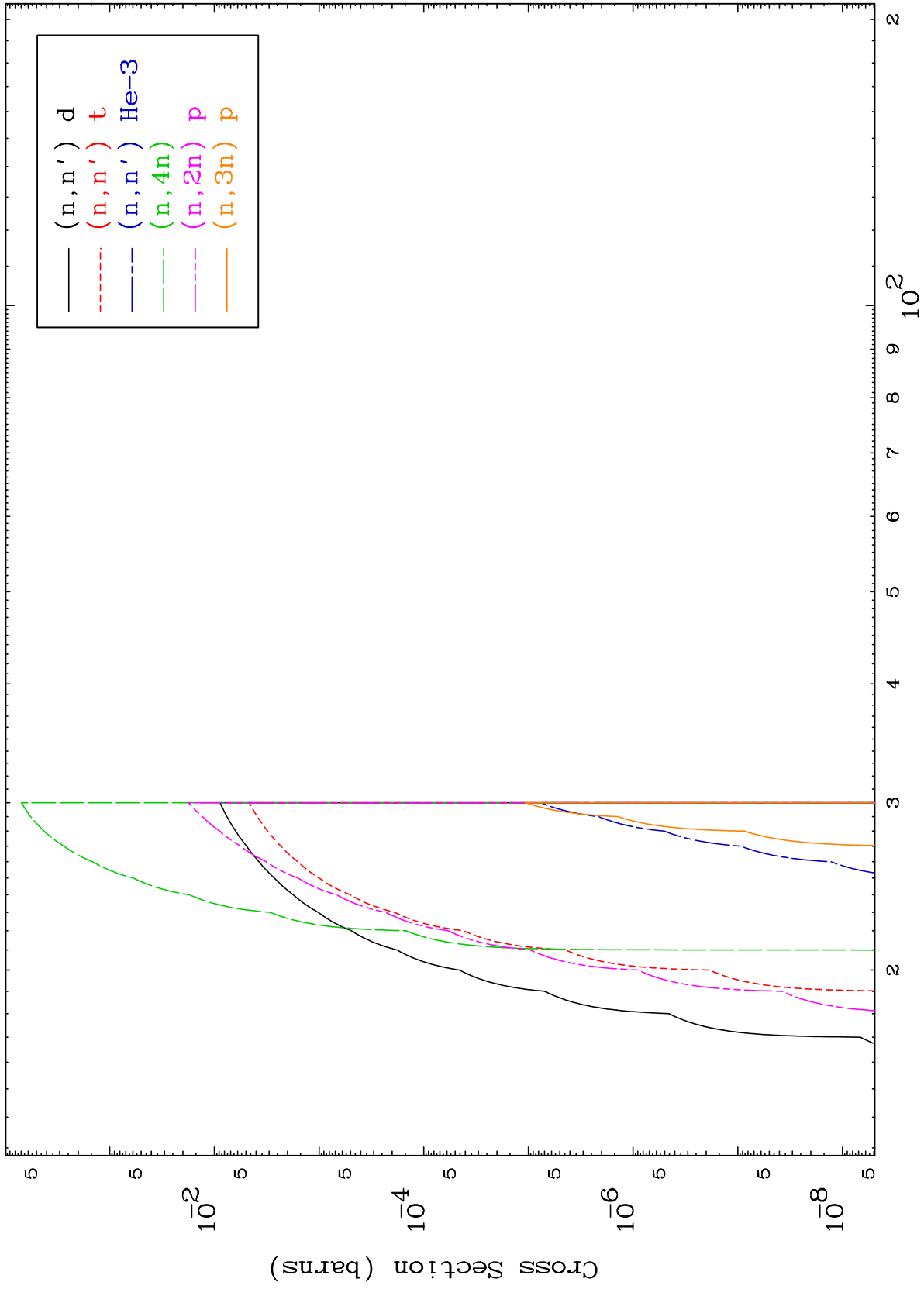
54-Xe-135

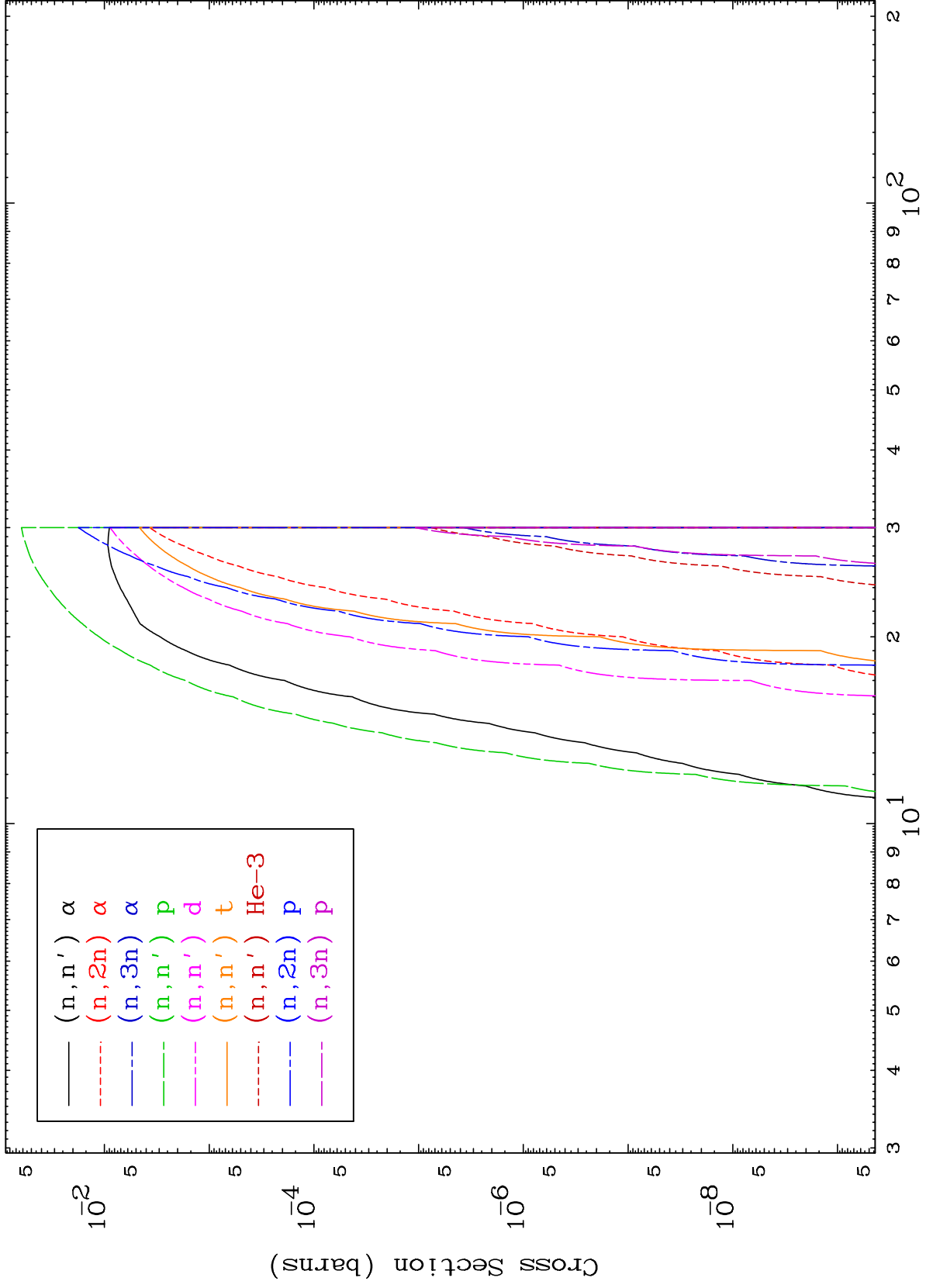


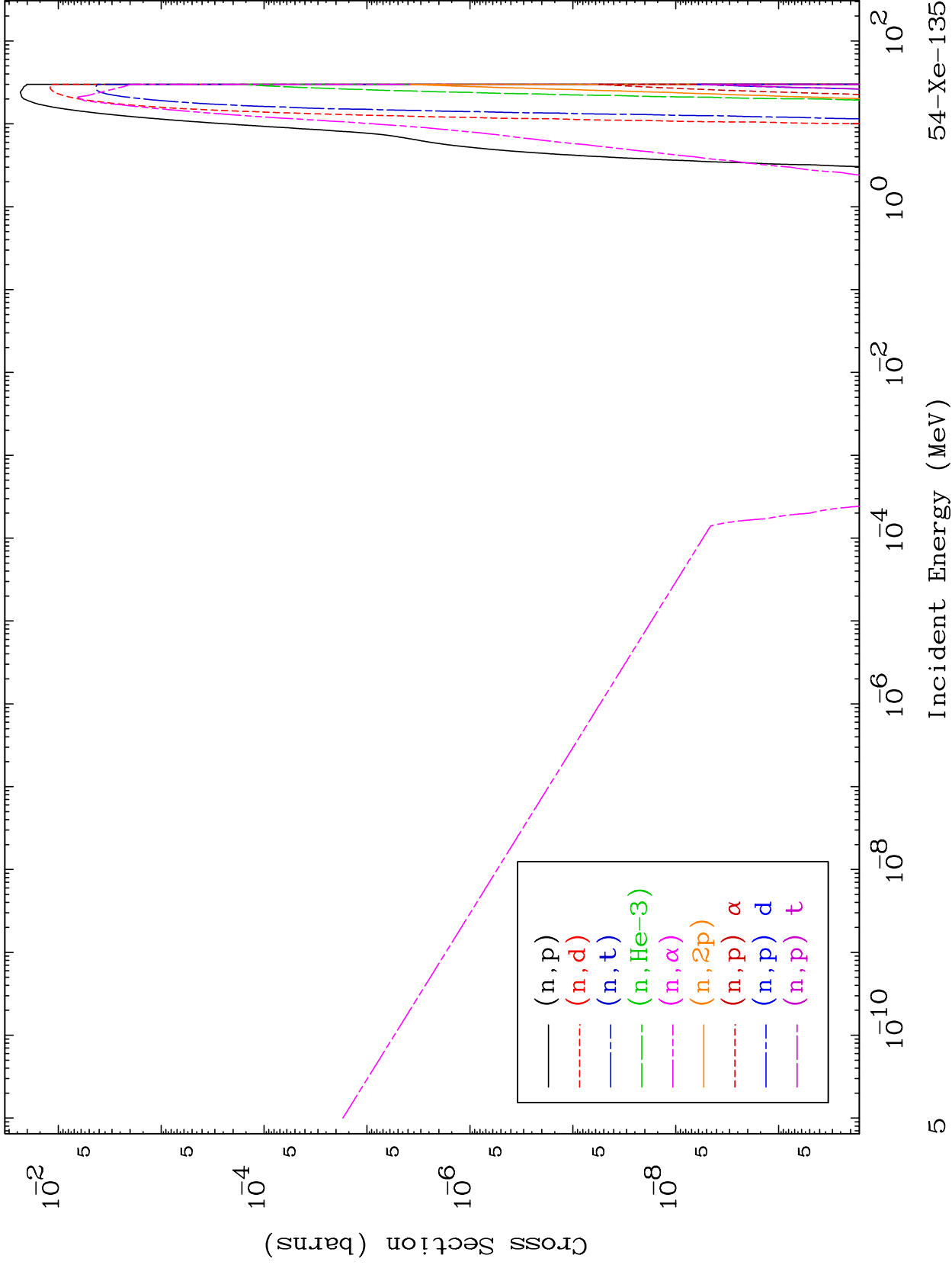
2

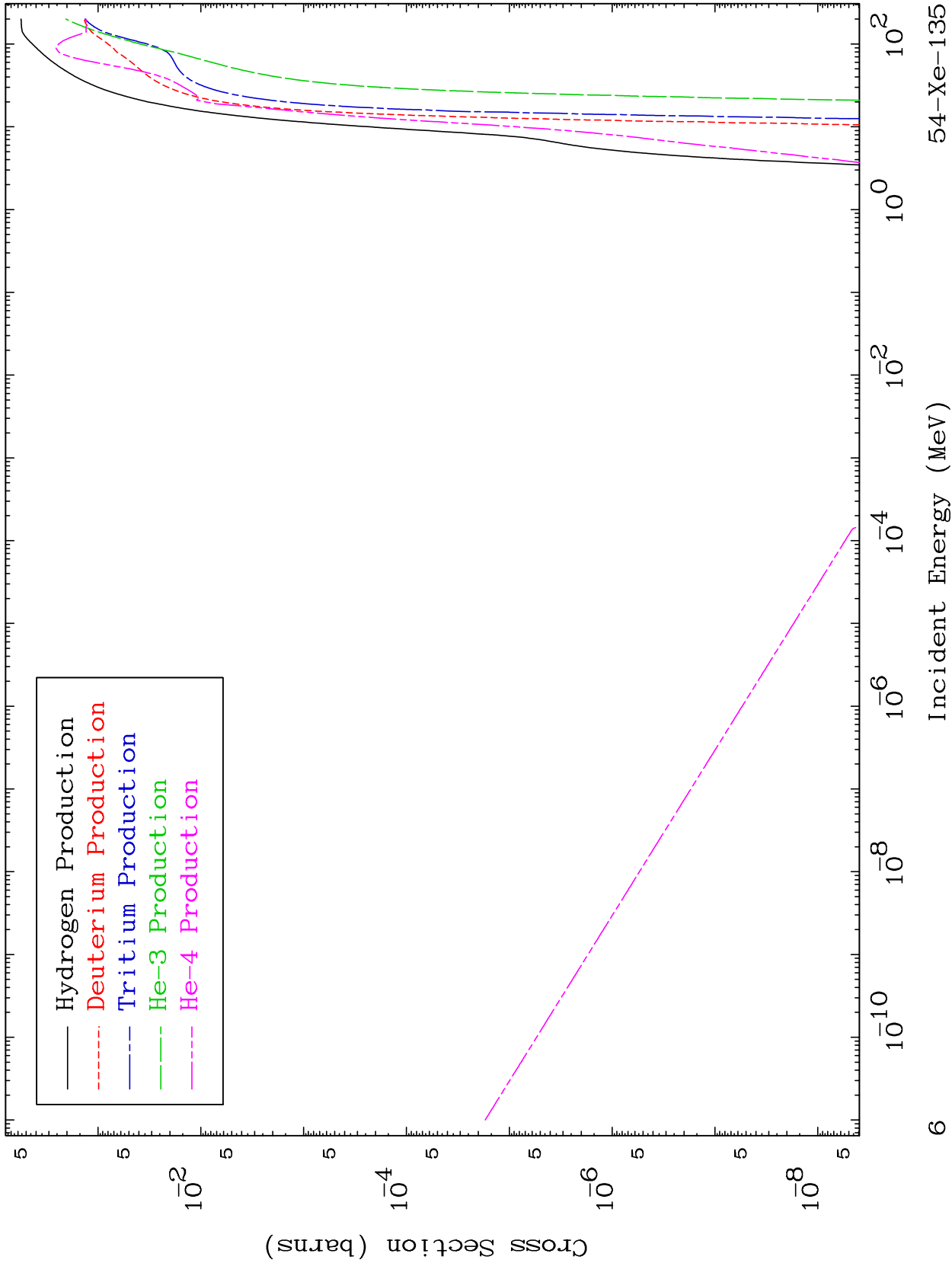
Incident Energy (MeV)

54-Xe-135





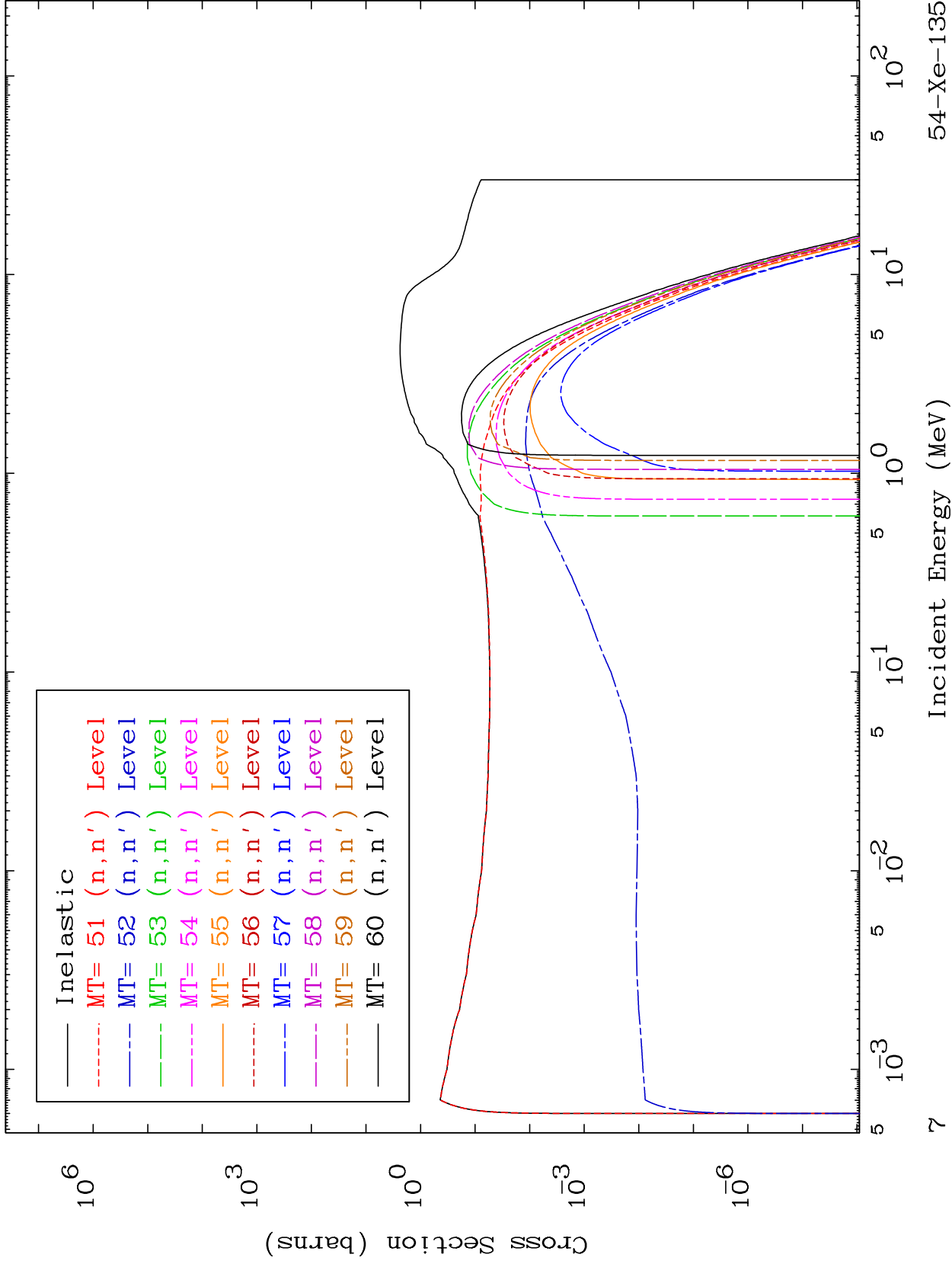




MAT 5459

(n,n') Level
293 Kelvin Cross Sections

54-Xe-135

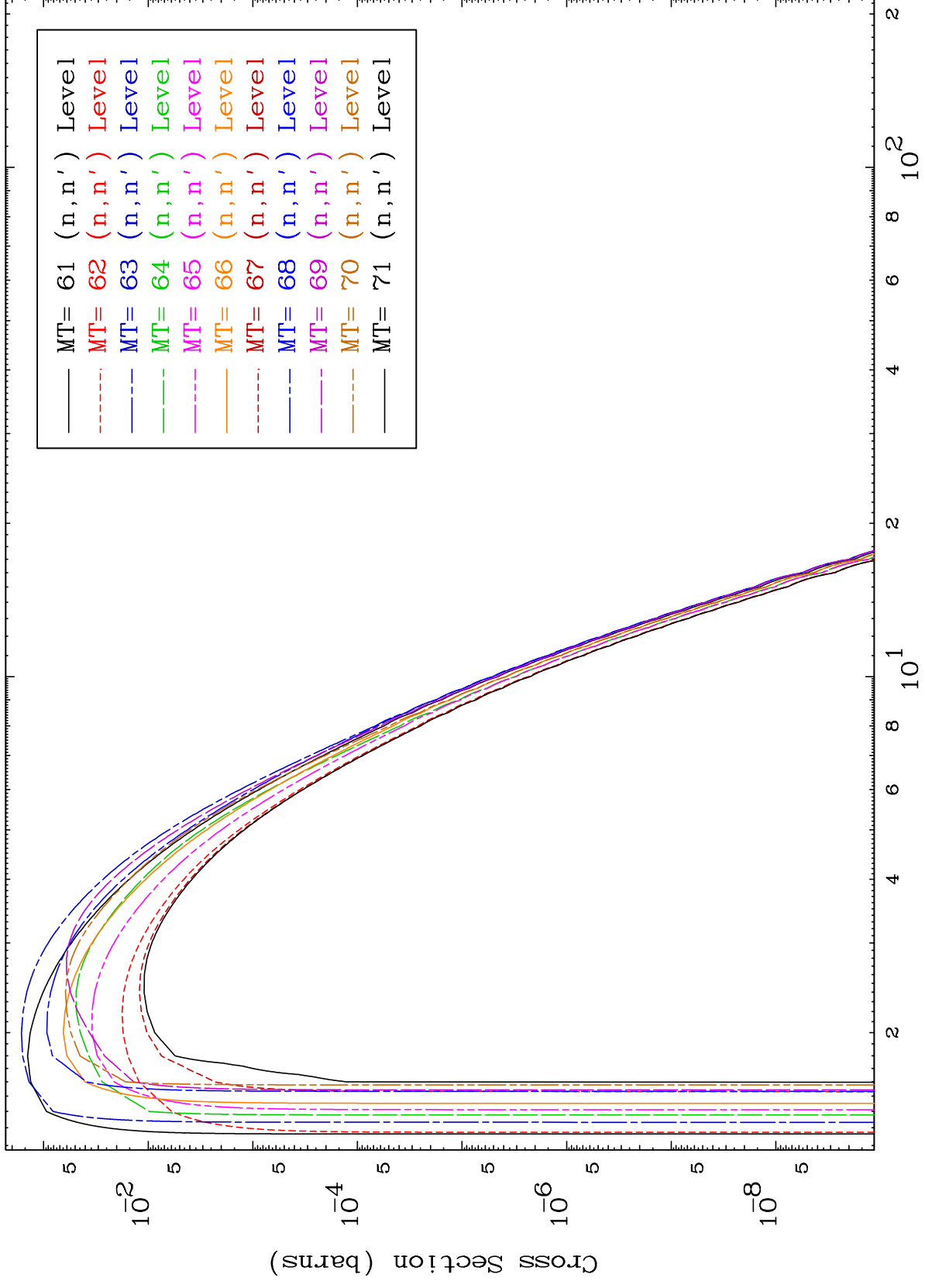


MAT 5459

(n,n') Level

54-Xe-135

293 Kelvin Cross Sections

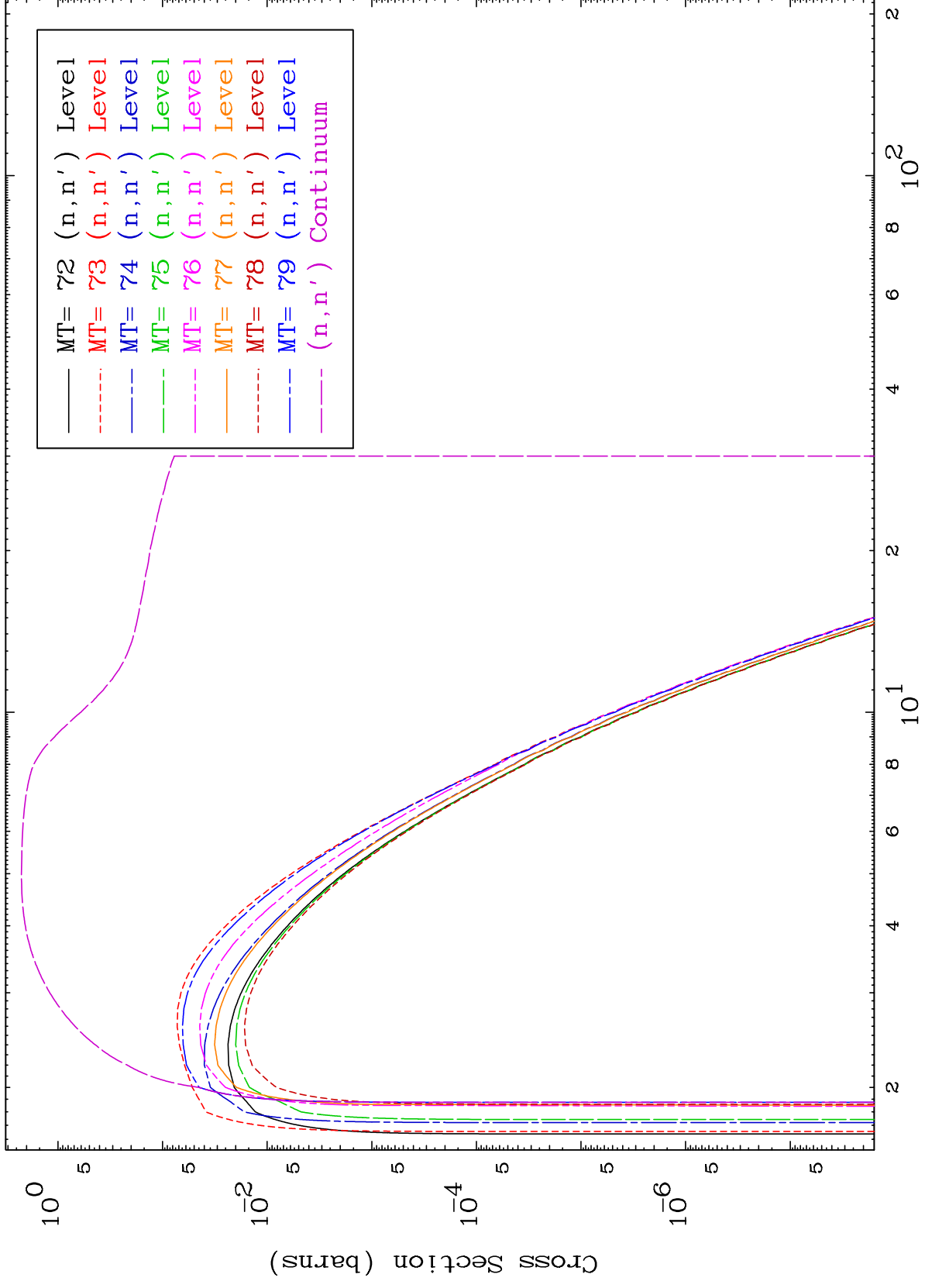


8

Incident Energy (MeV)

54-Xe-135

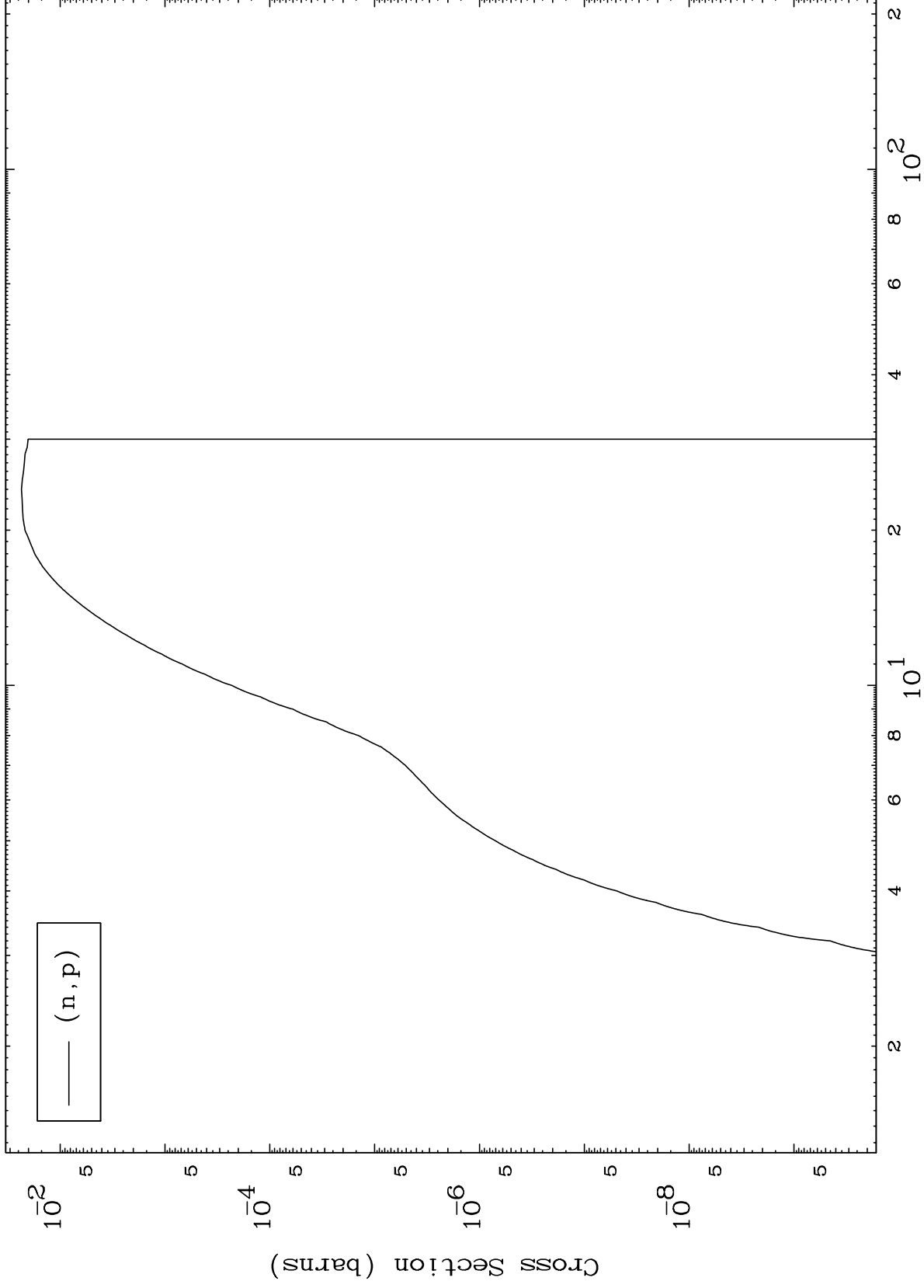
293 Kelvin Cross Sections



MAT 5459

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-135



10

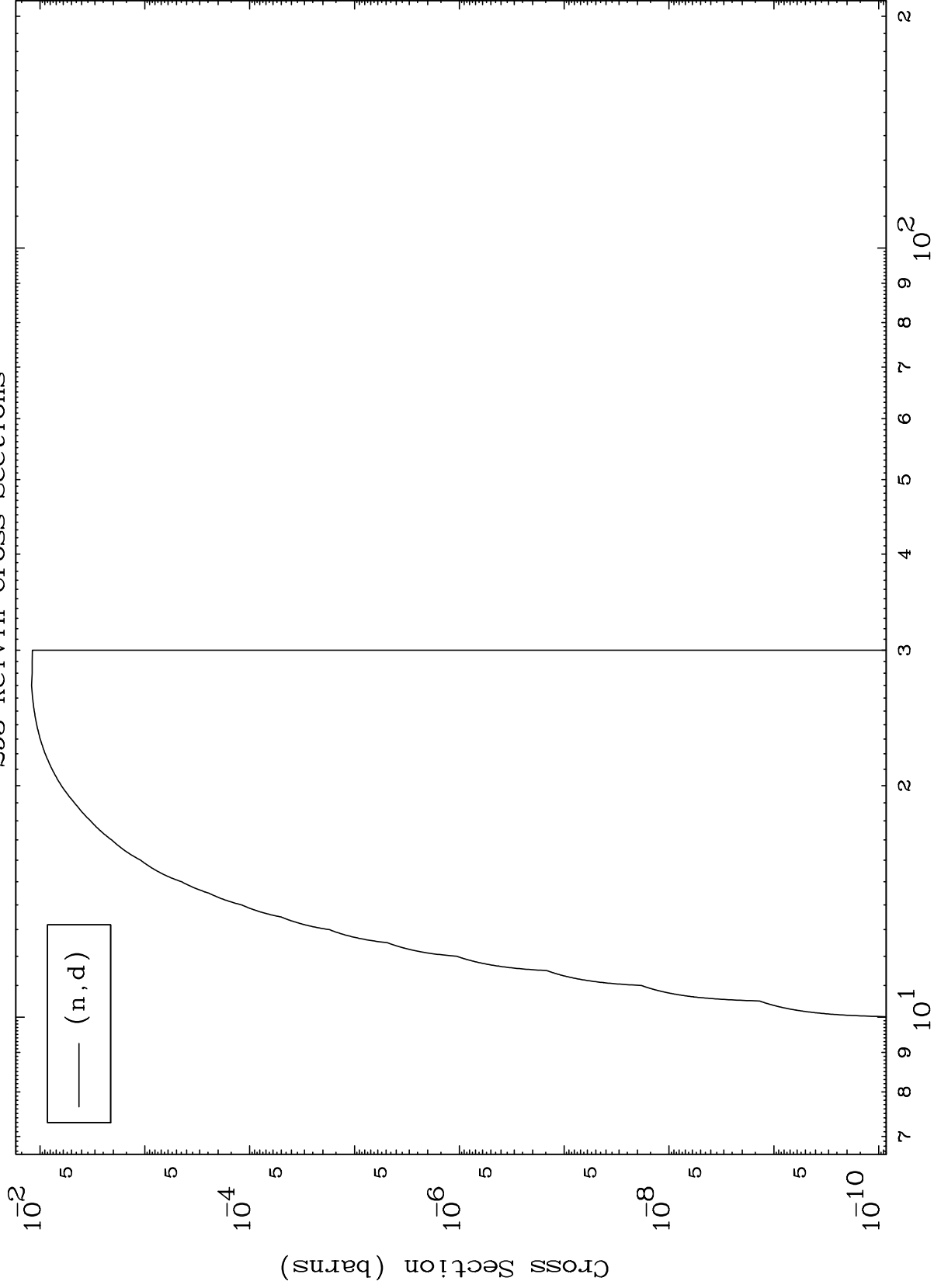
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-135



11

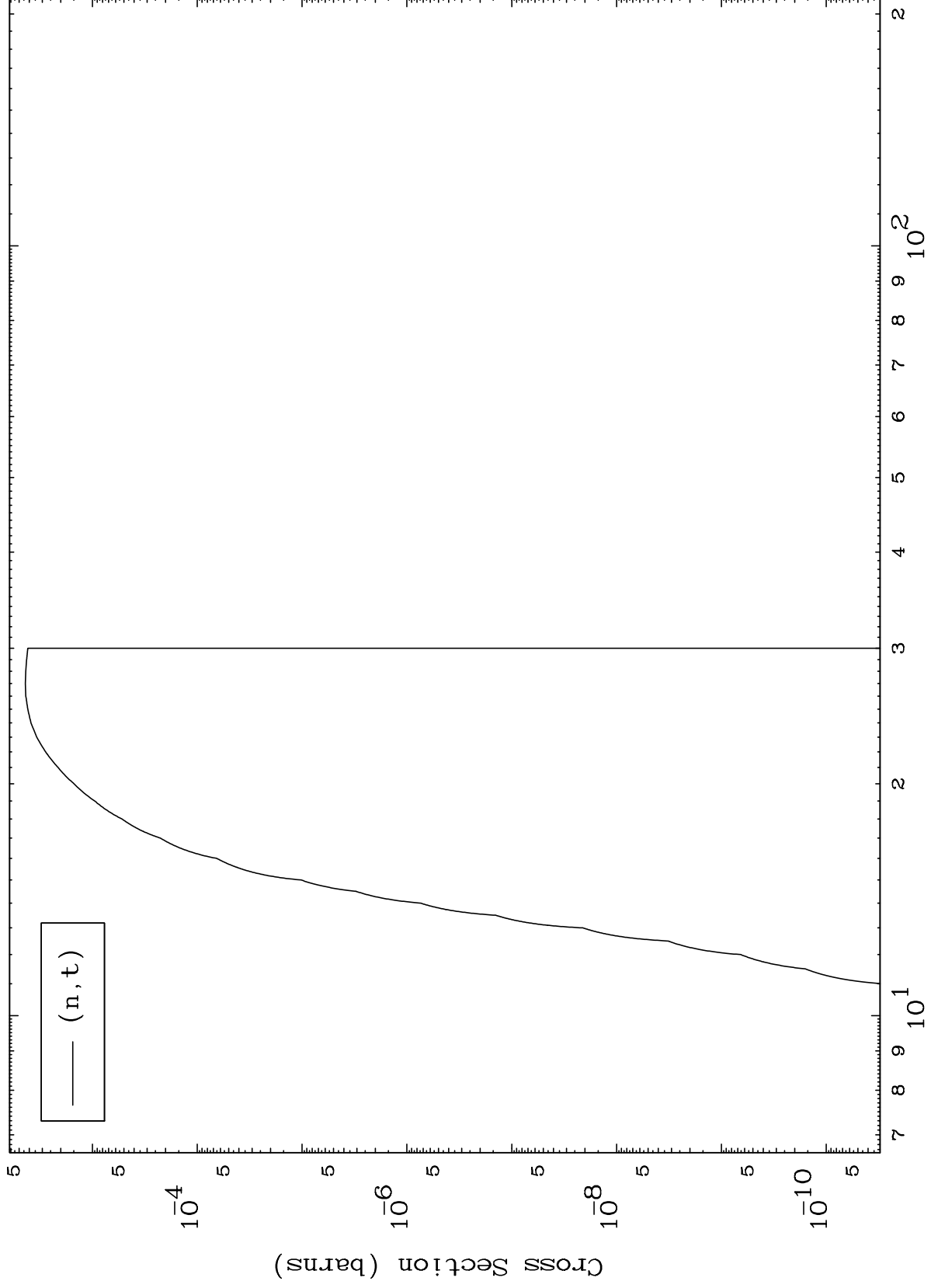
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-135



12

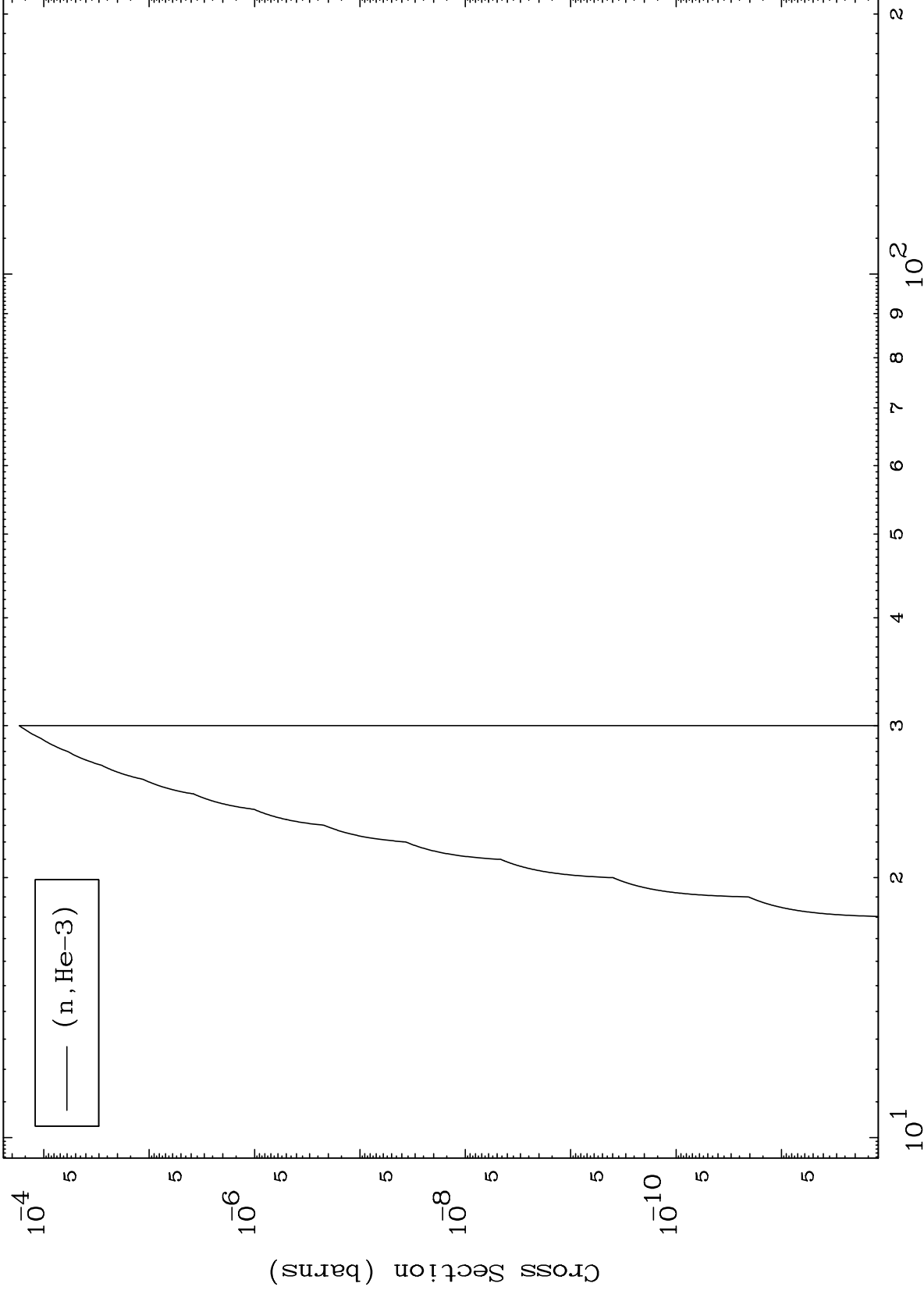
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-135



13

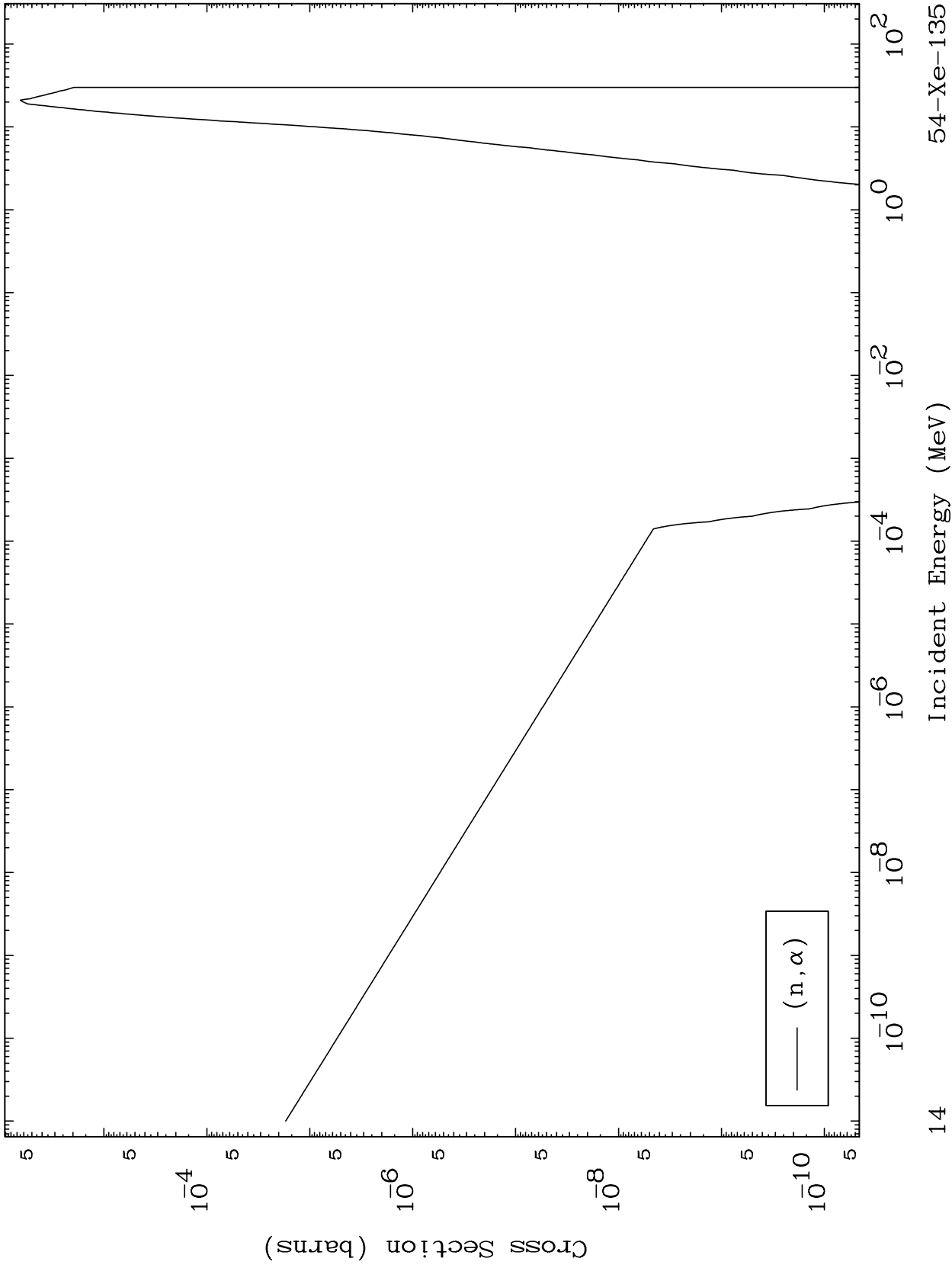
Incident Energy (MeV)

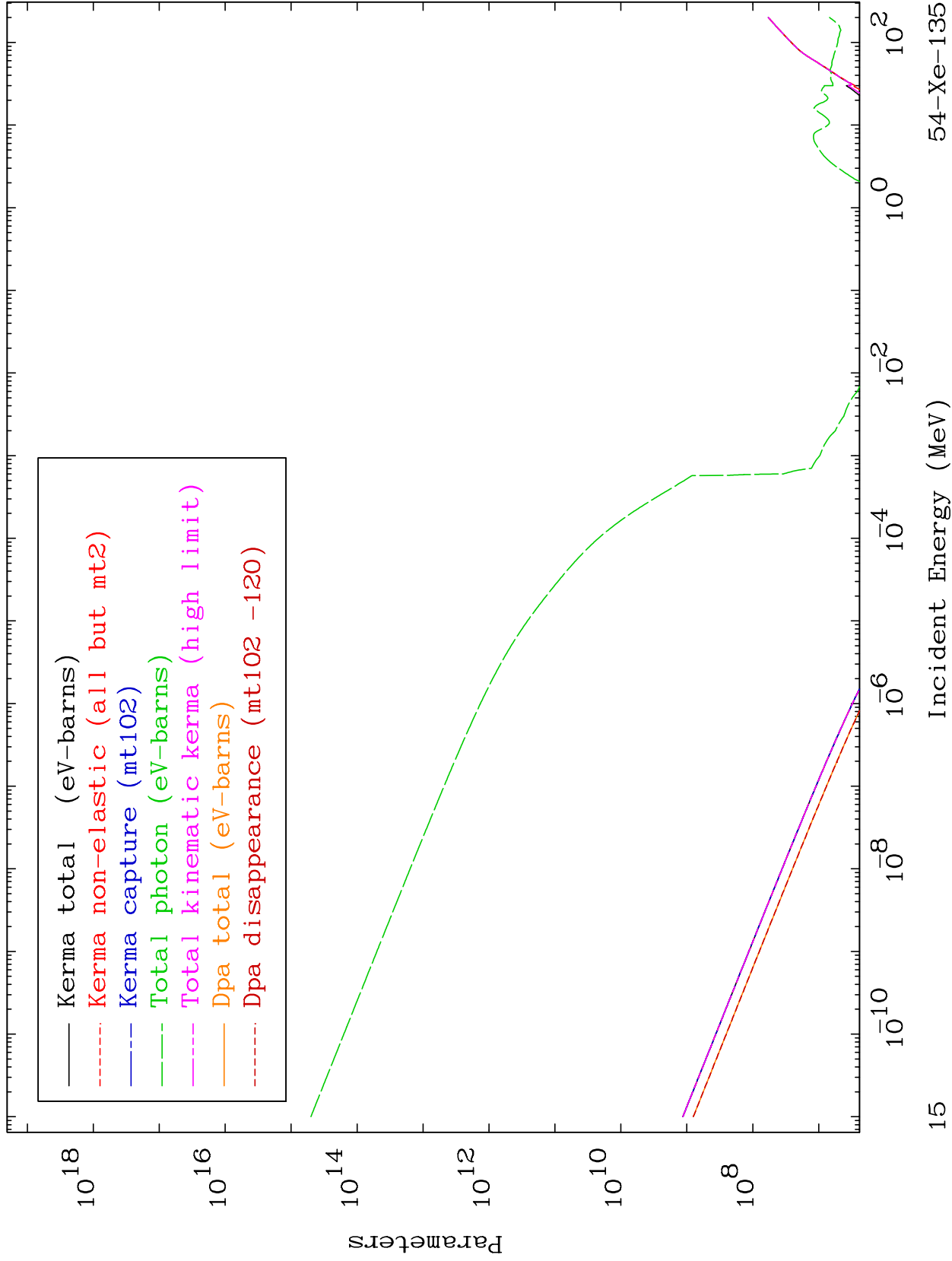
54-Xe-135

MAT 5459

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-135

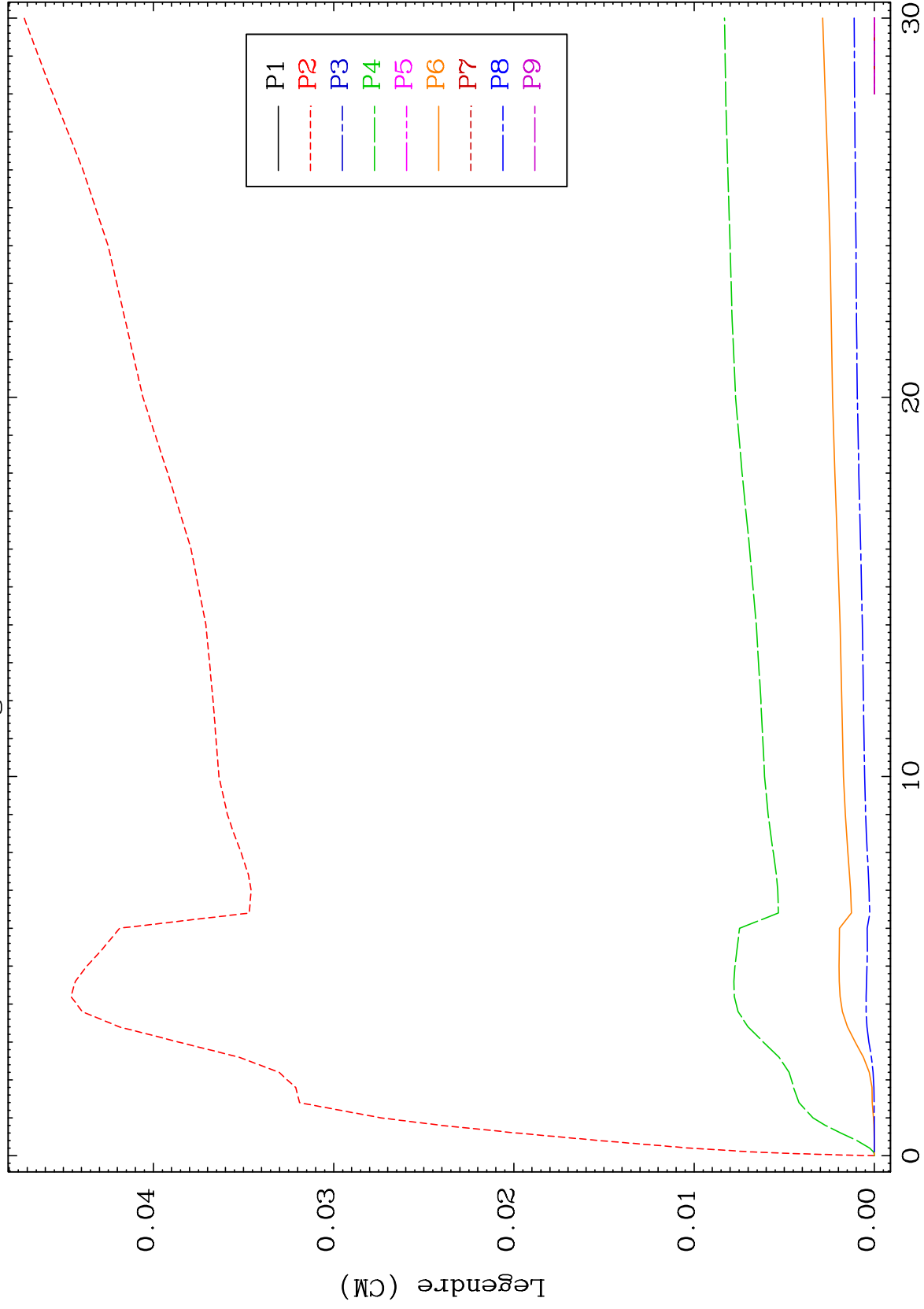




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Elastic Legendre Coefficients

54-Xe-135



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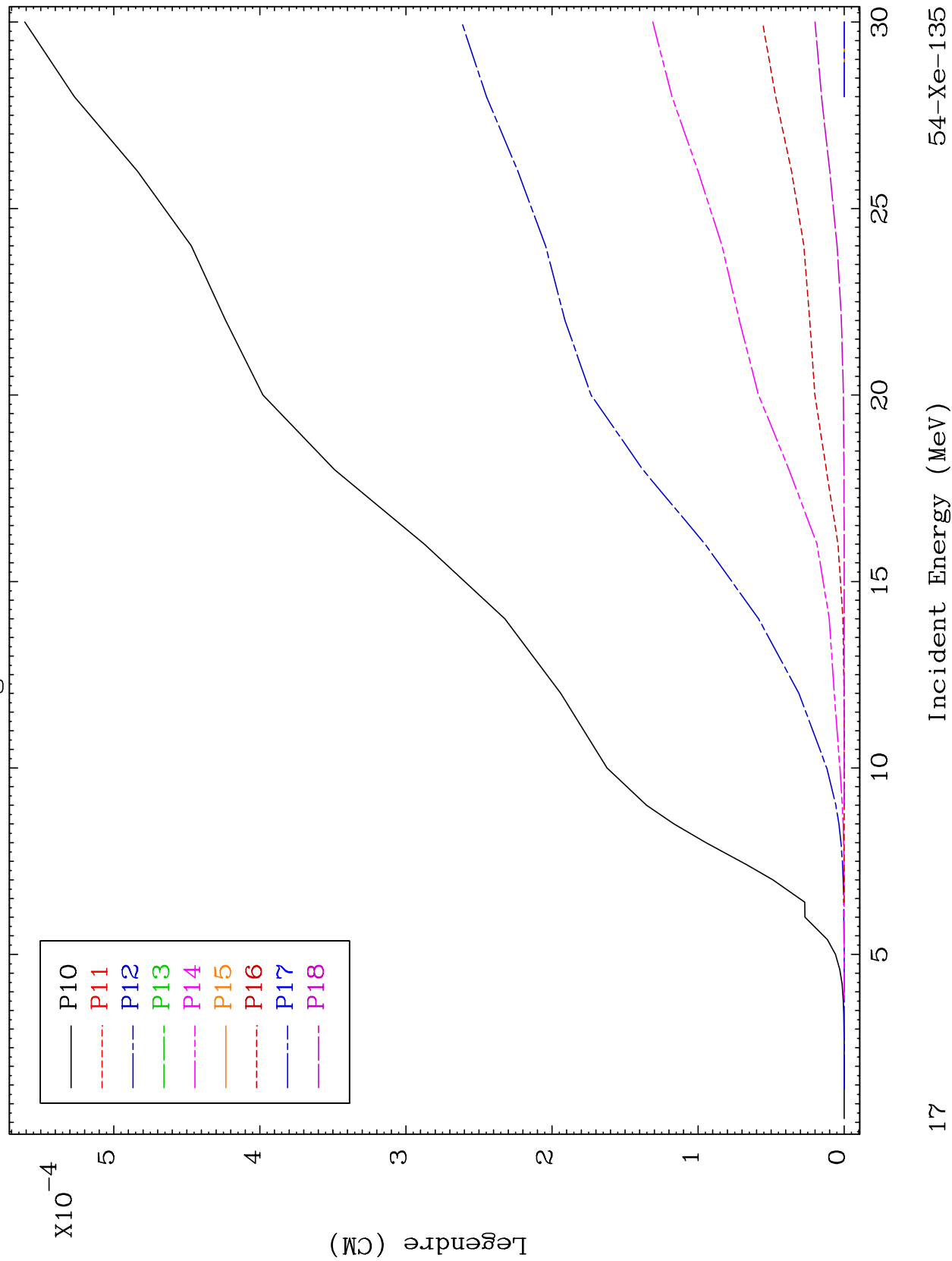
Incident Energy (MeV)

54-Xe-135

MAT 5459

Elastic Legendre Coefficients

54-Xe-135



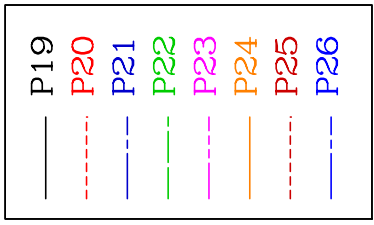
17

54-Xe-135

MAT 5459

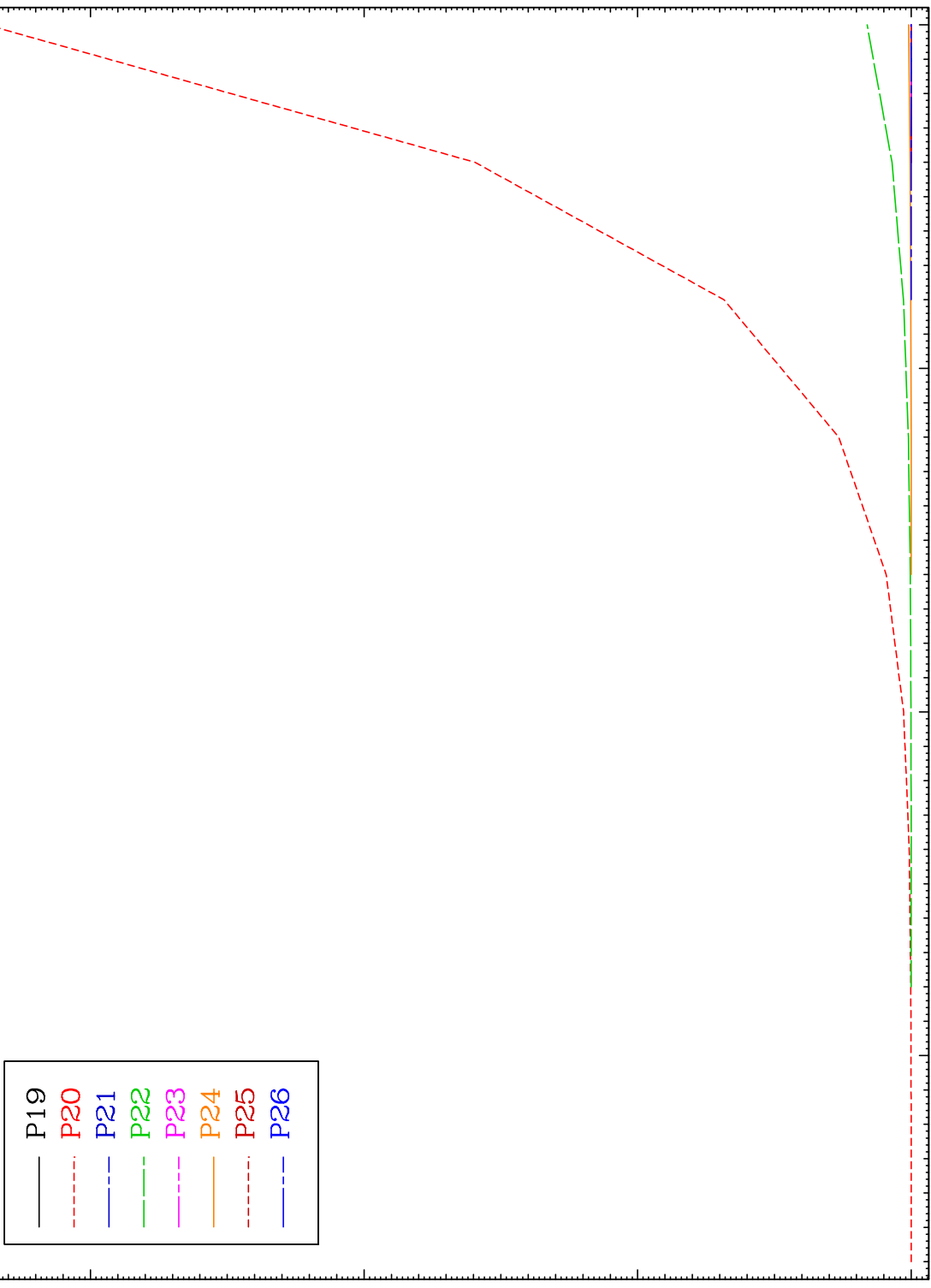
Elastic
Legendre Coefficients

54-Xe-135



$\times 10^{-6}$

Legendre (CM)



18

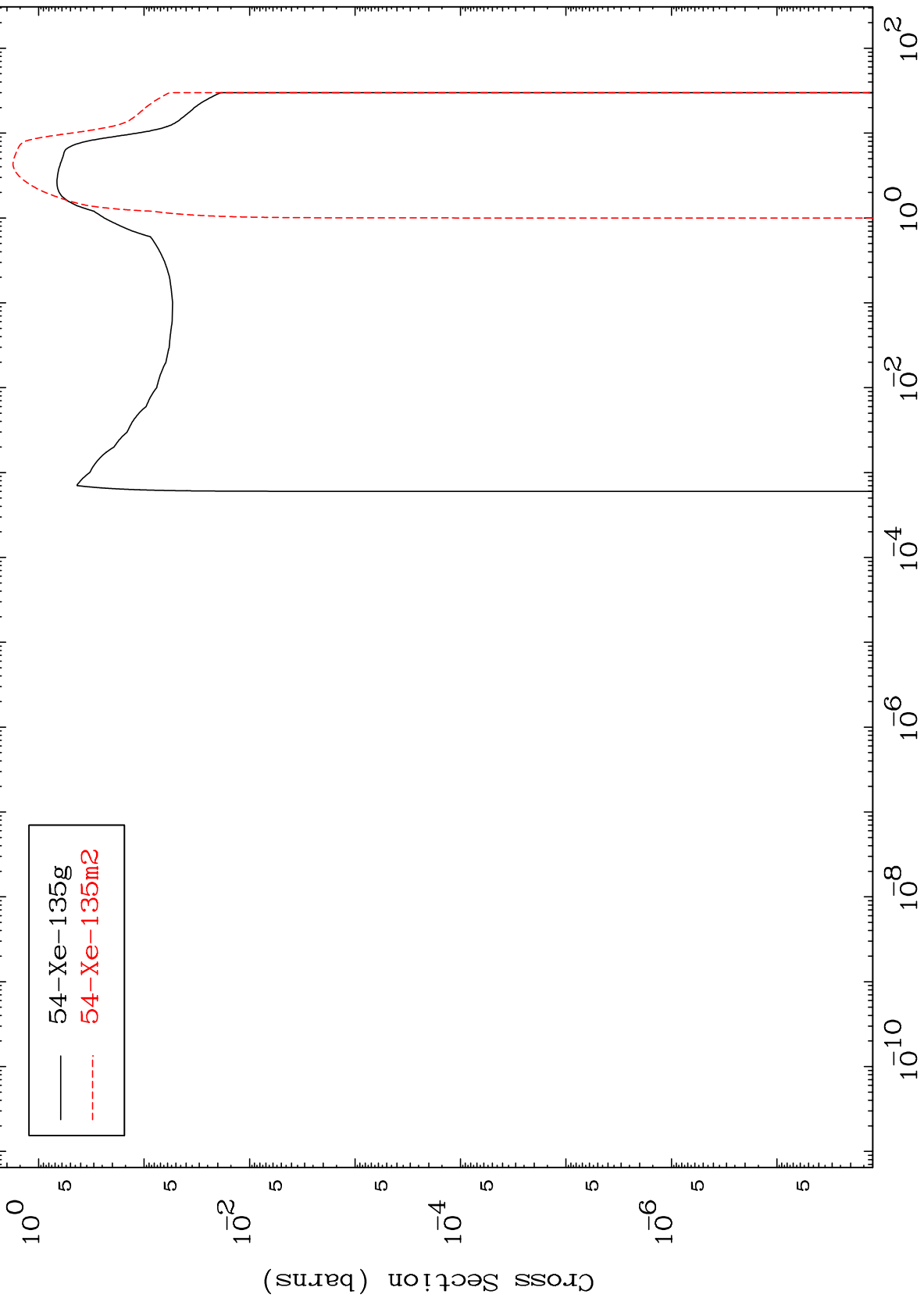
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

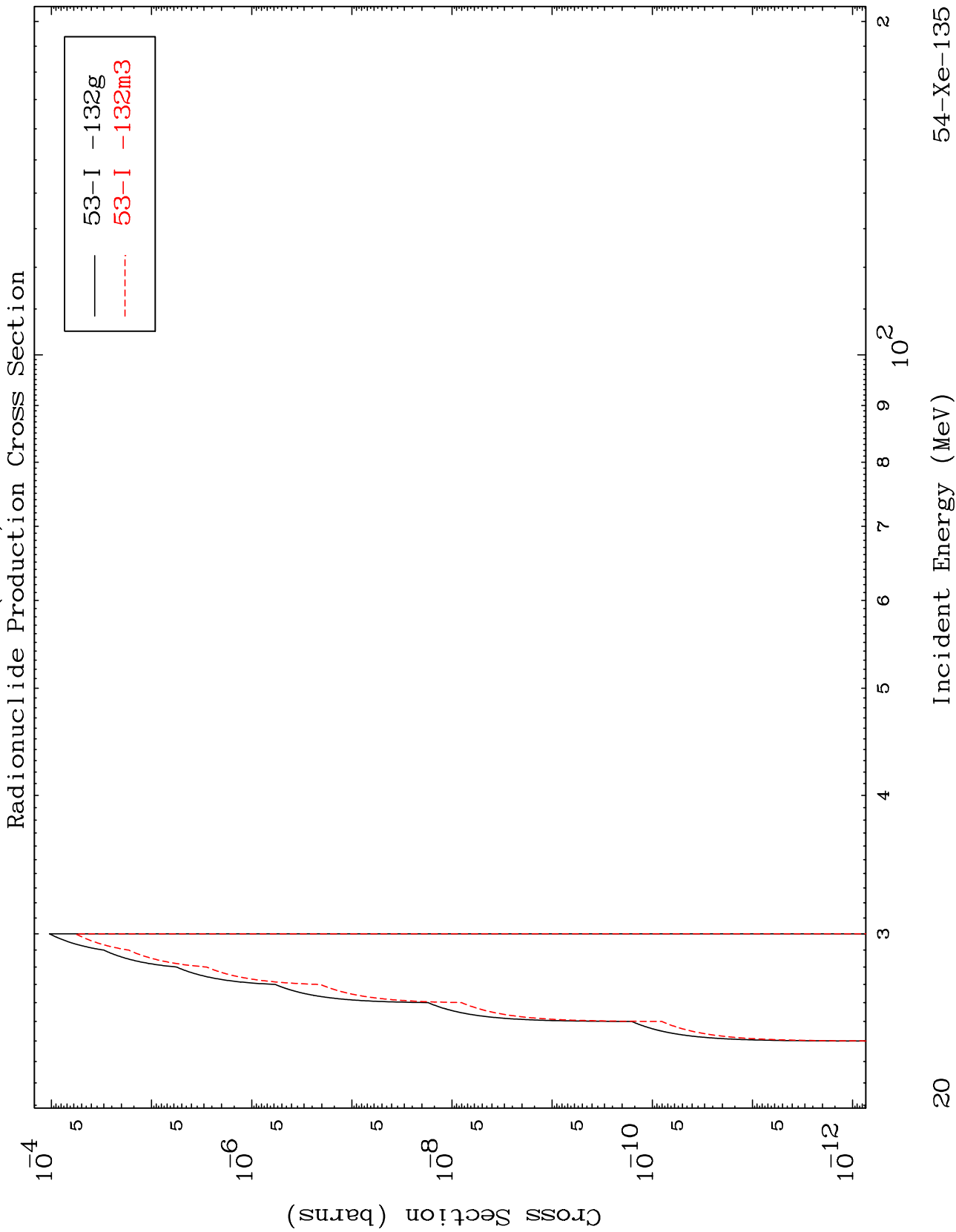
Inelastic
Radionuclide Production Cross Section



MAT 5459

(n,2n) d

54-Xe-135



20

Incident Energy (MeV)

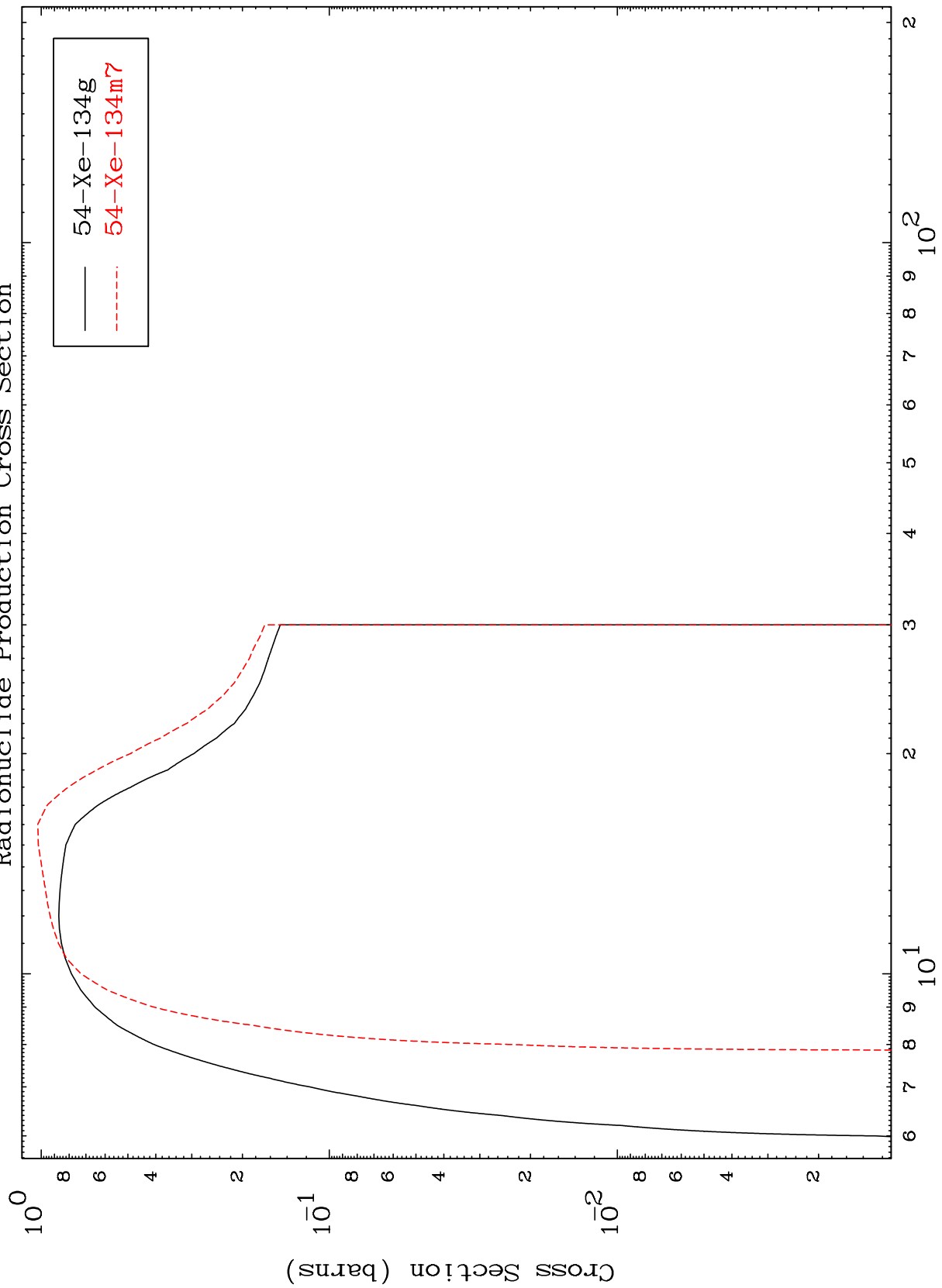
54-Xe-135

MAT 5459

54-Xe-135

(n,2n)

Radionuclide Production Cross Section



21

Incident Energy (MeV)

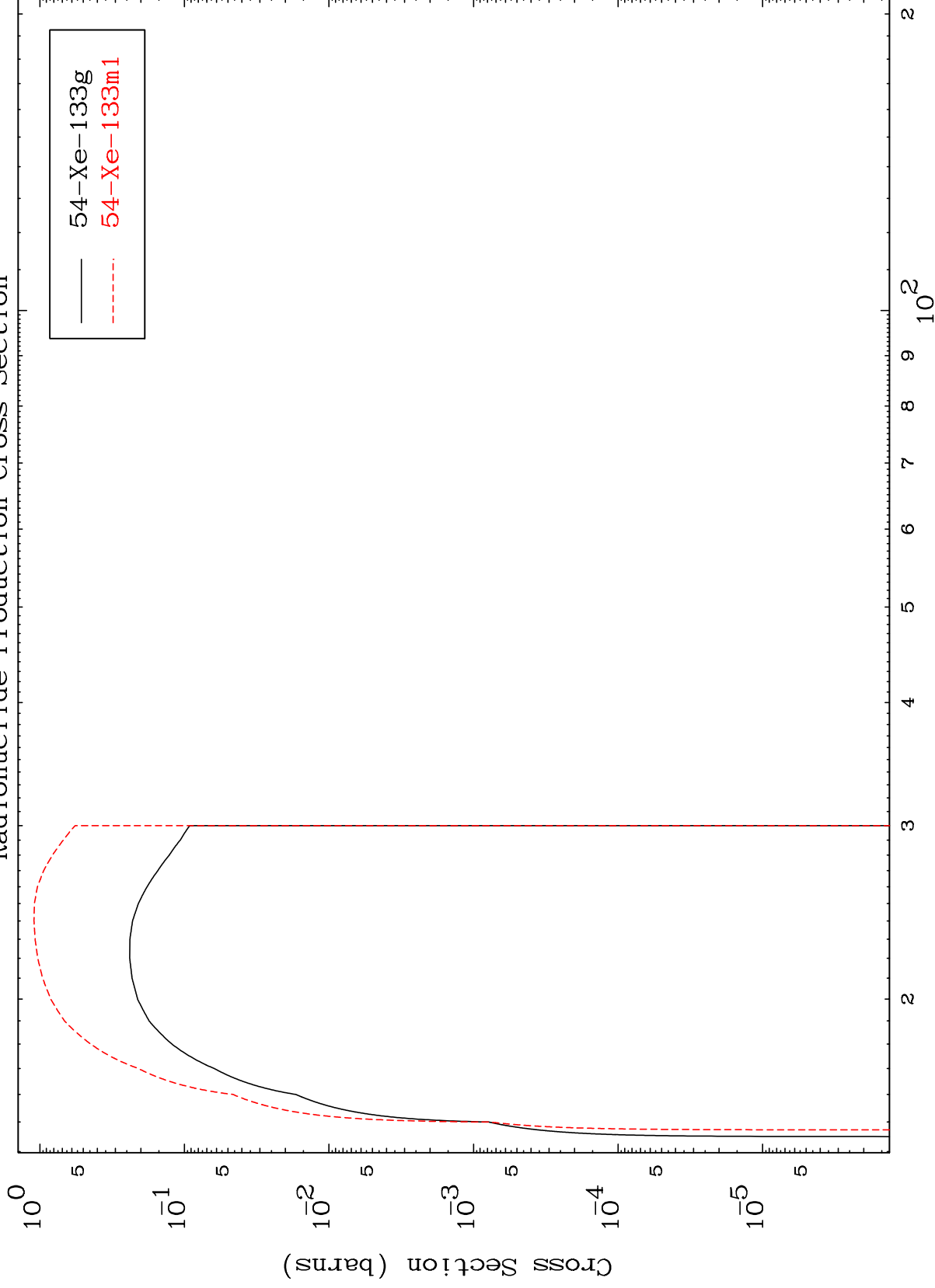
54-Xe-135

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(n,3n)

54-Xe-135

Radionuclide Production Cross Section



22

Incident Energy (MeV)

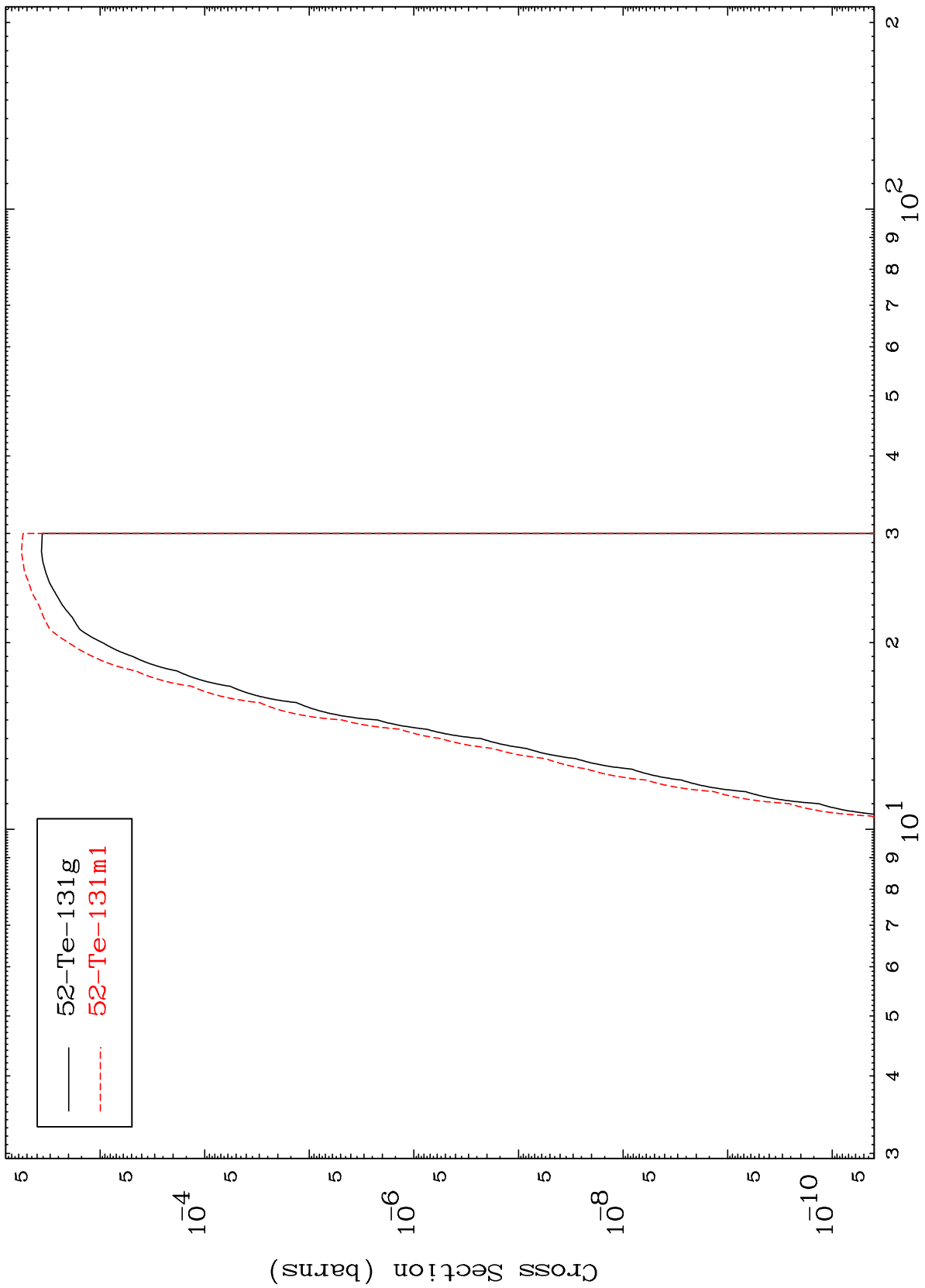
54-Xe-135

MAT 5459

54-Xe-135

(n,n') α

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135

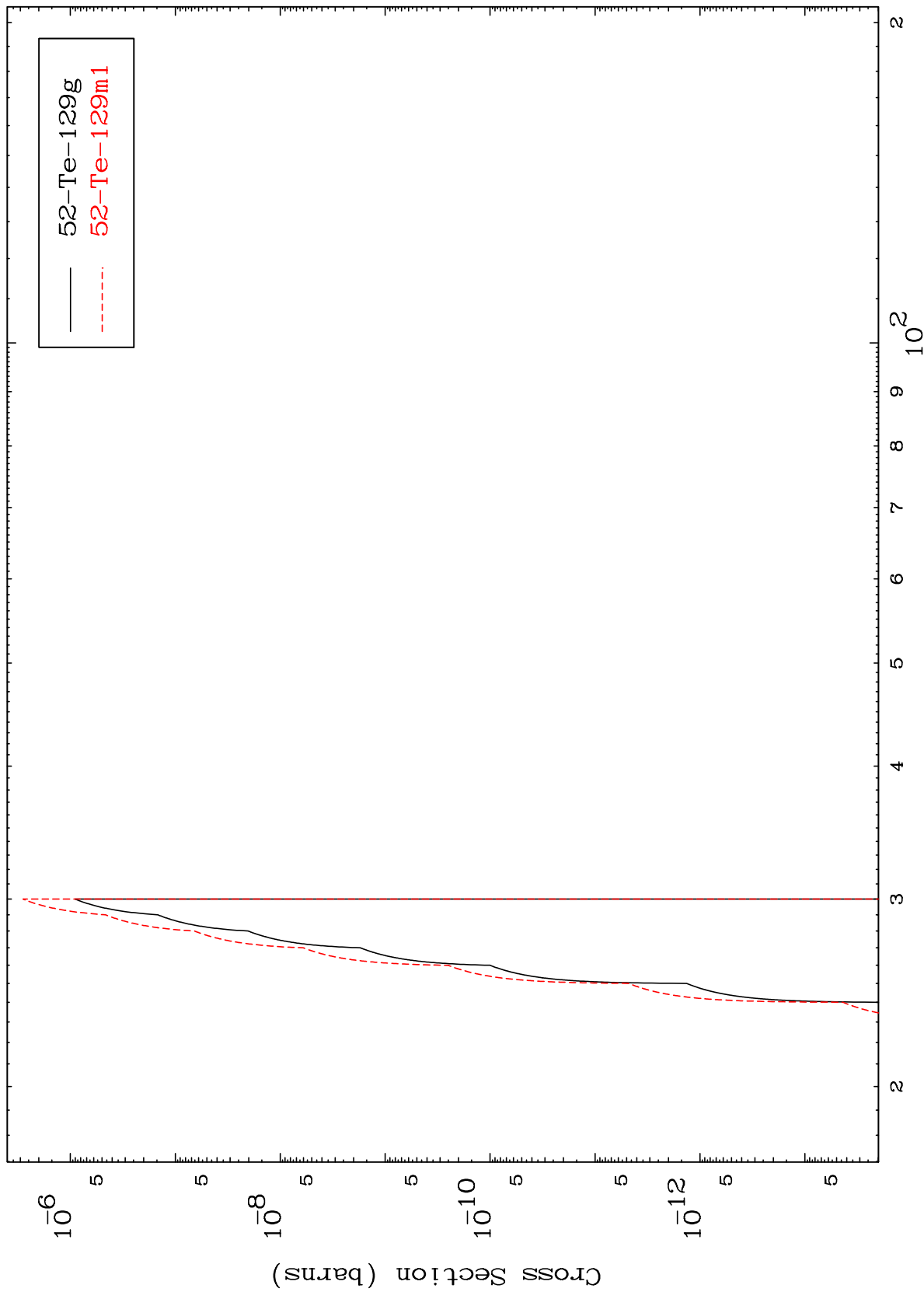
23

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(n,3n) α

54-Xe-135

Radionuclide Production Cross Section



24

Incident Energy (MeV)

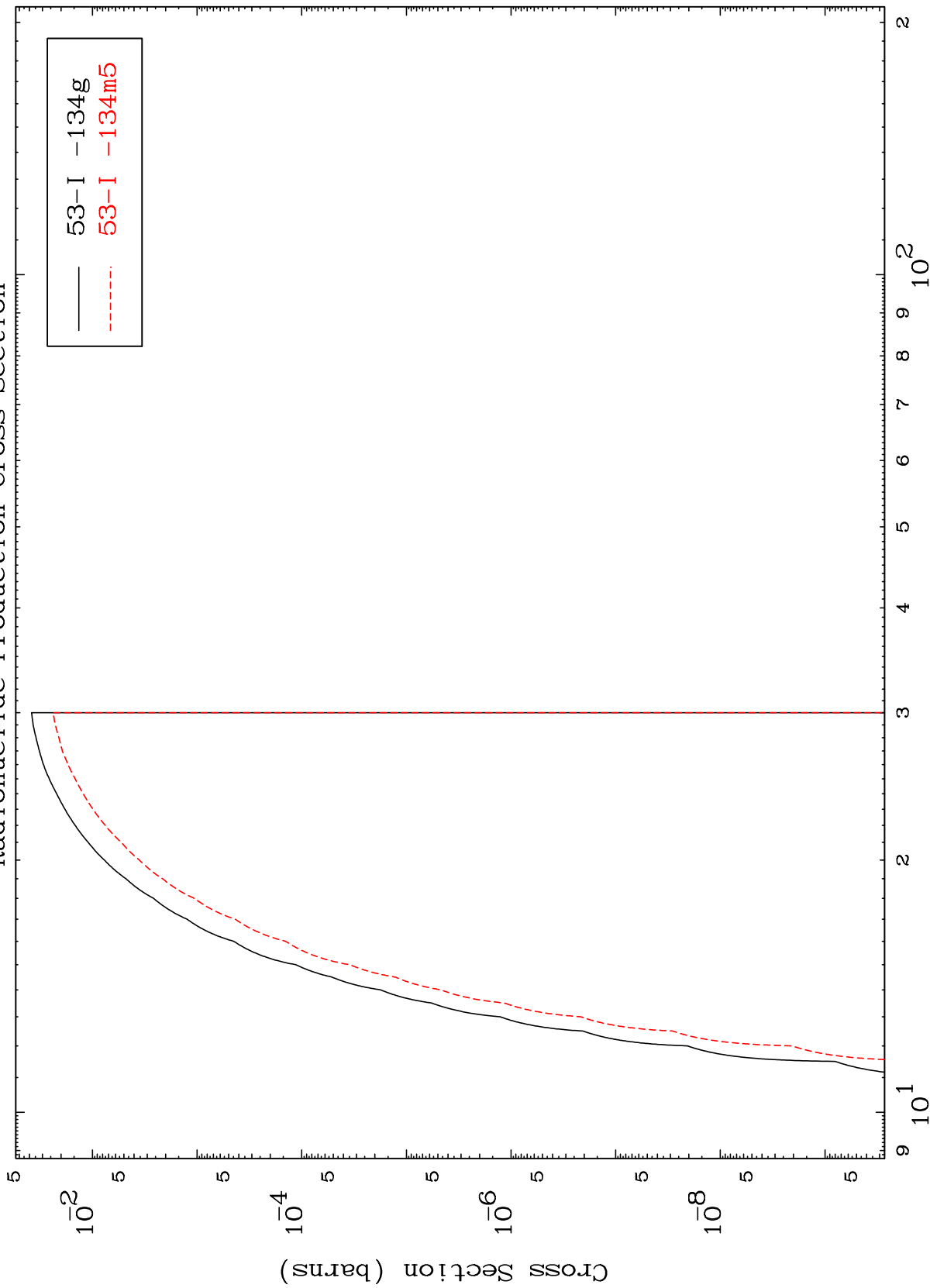
54-Xe-135

MAT 5459

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



25

Incident Energy (MeV)

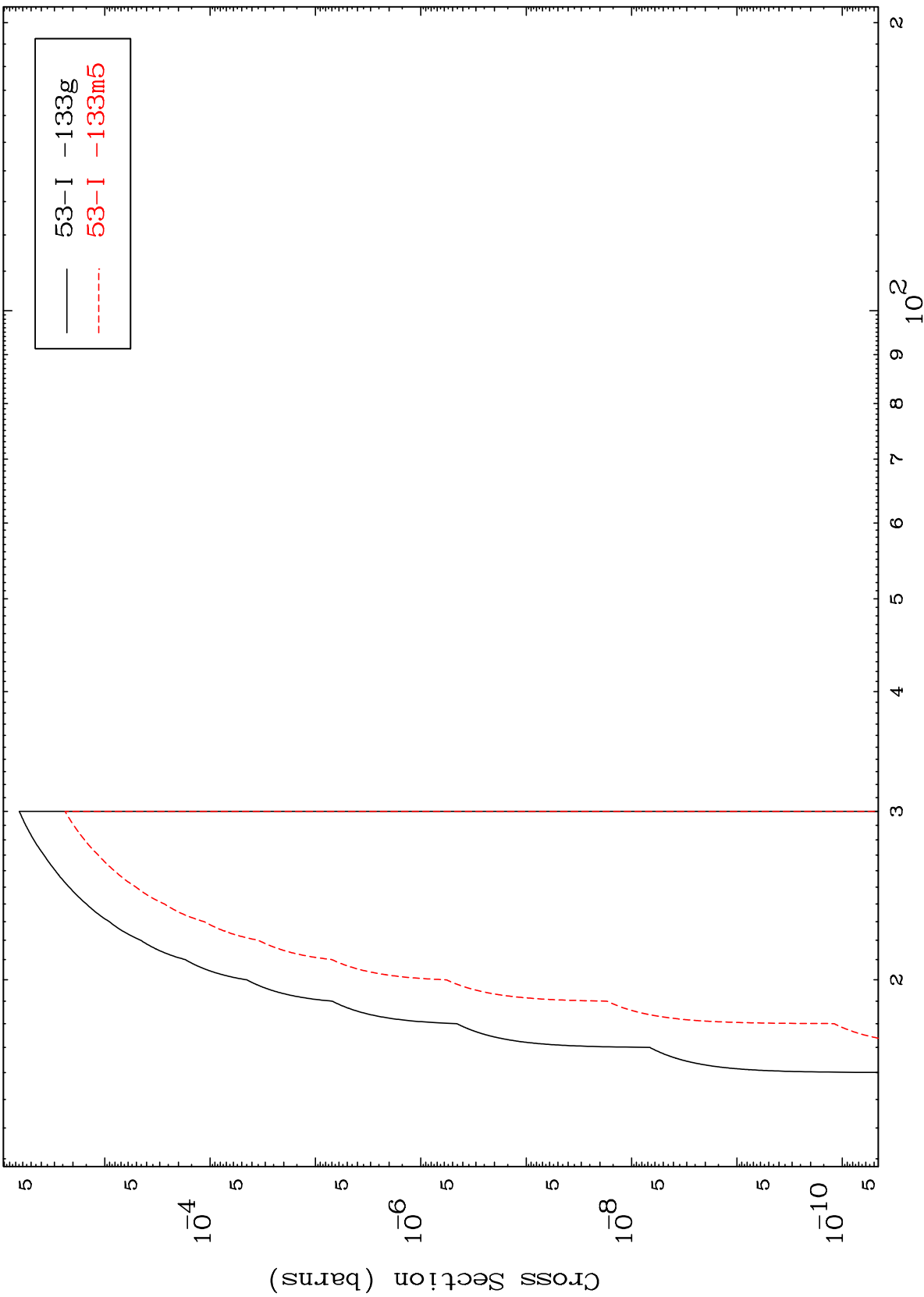
54-Xe-135

MAT 5459

(n,n') d

54-Xe-135

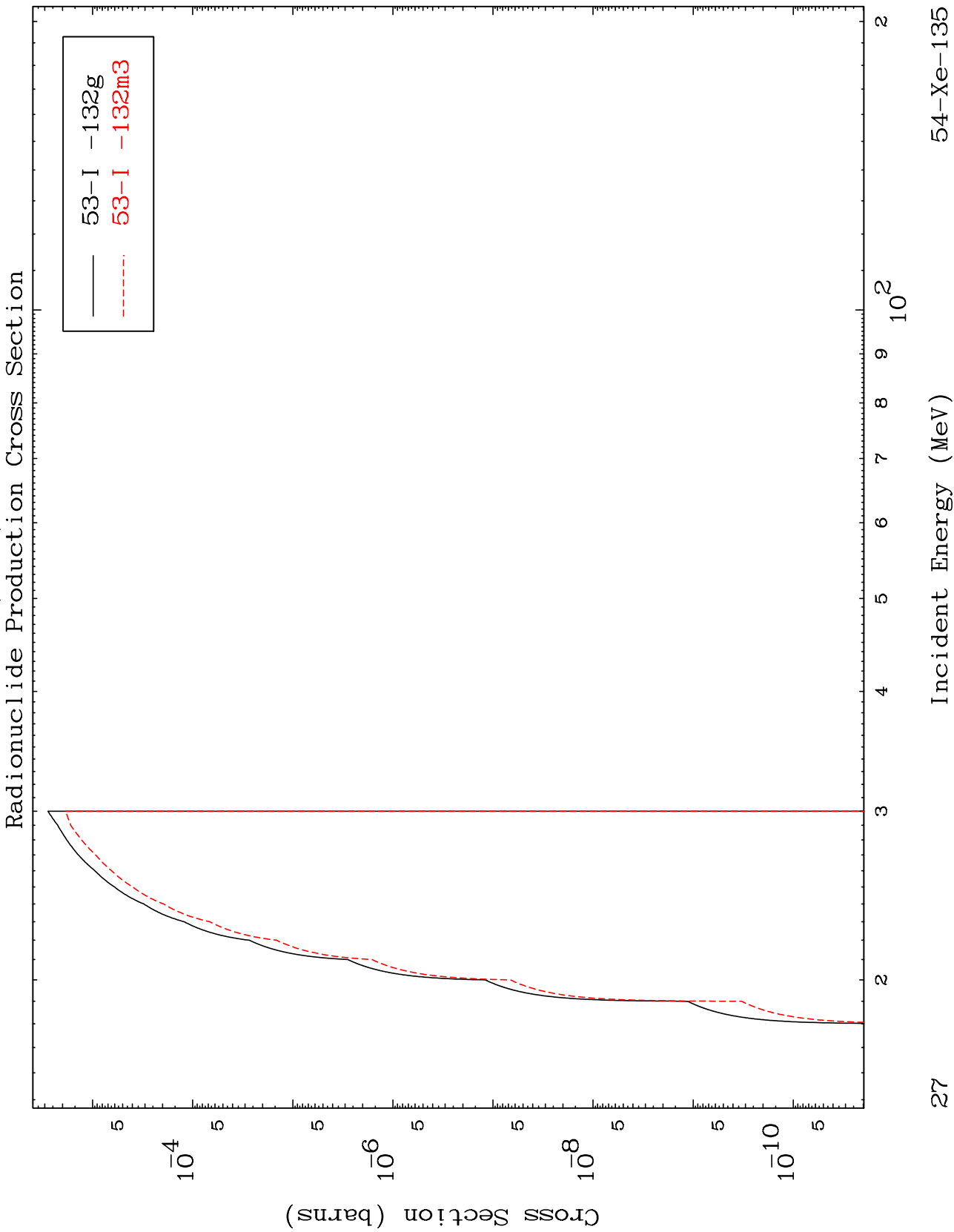
Radionuclide Production Cross Section



26

Incident Energy (MeV)

54-Xe-135

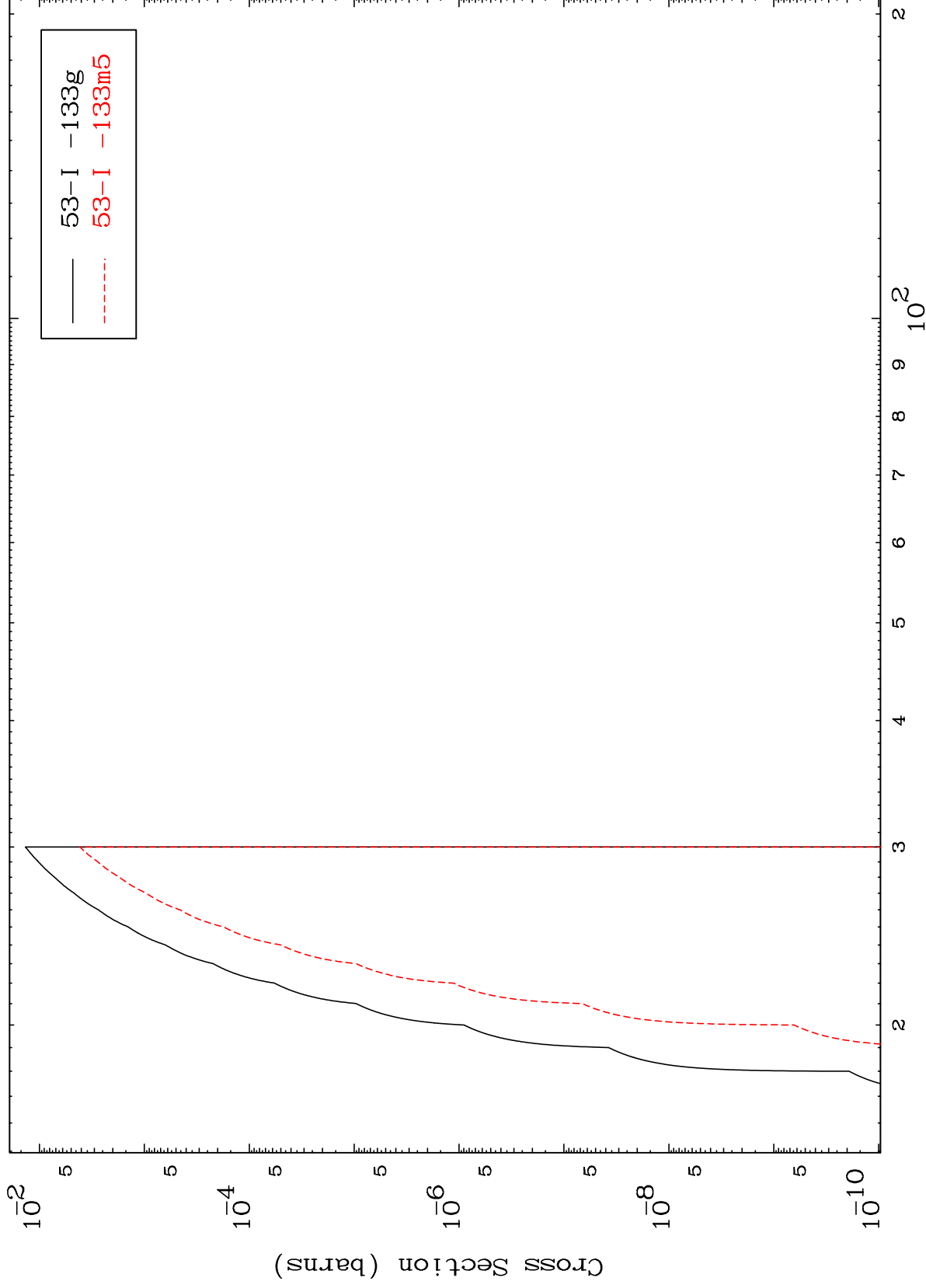


MAT 5459

(n,2n) p

54-Xe-135

Radionuclide Production Cross Section

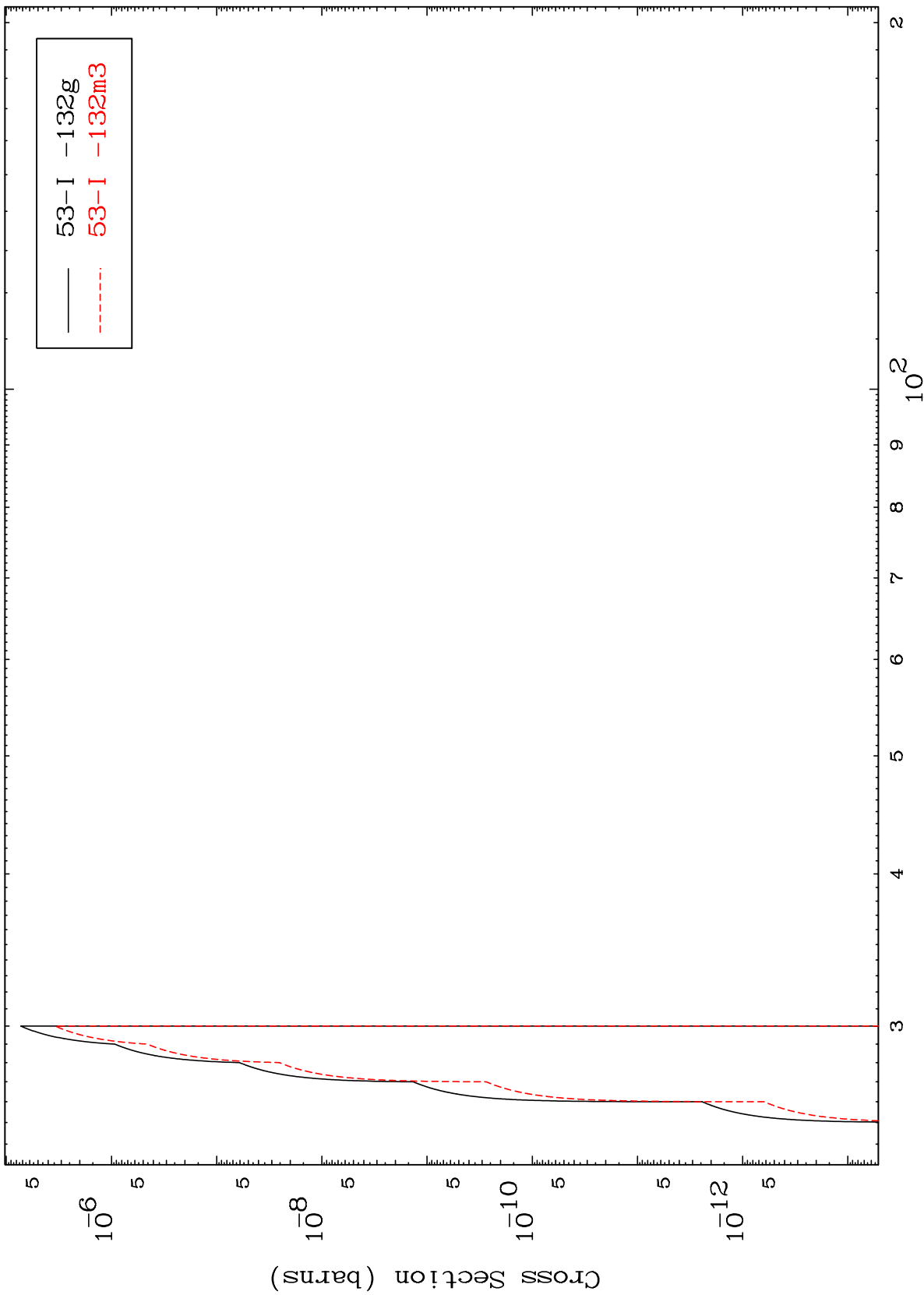


28

Incident Energy (MeV)

54-Xe-135

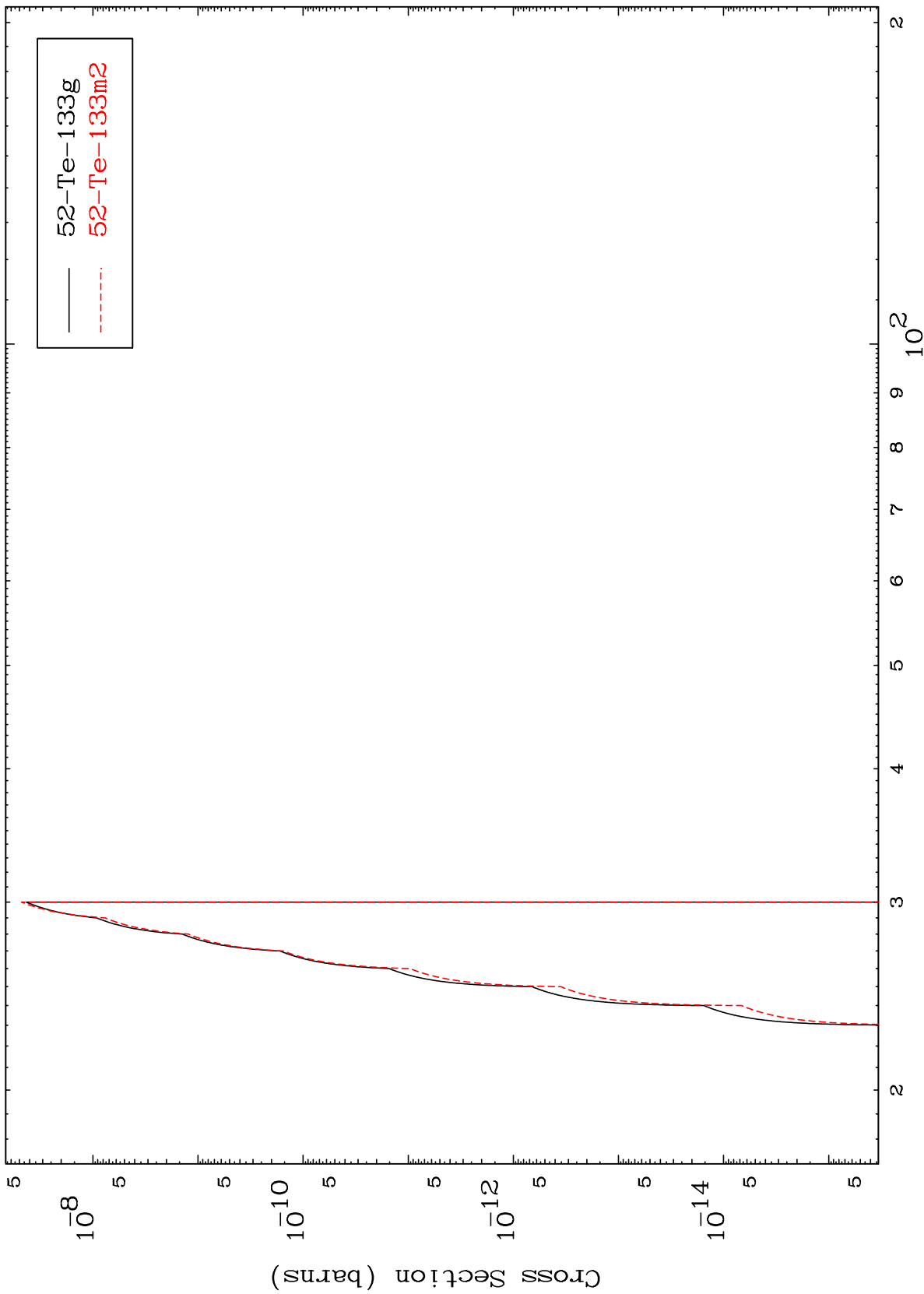
Radionuclide Production Cross Section



MAT 5459

54-Xe-135

(n,2n) p
Radionuclide Production Cross Section



30

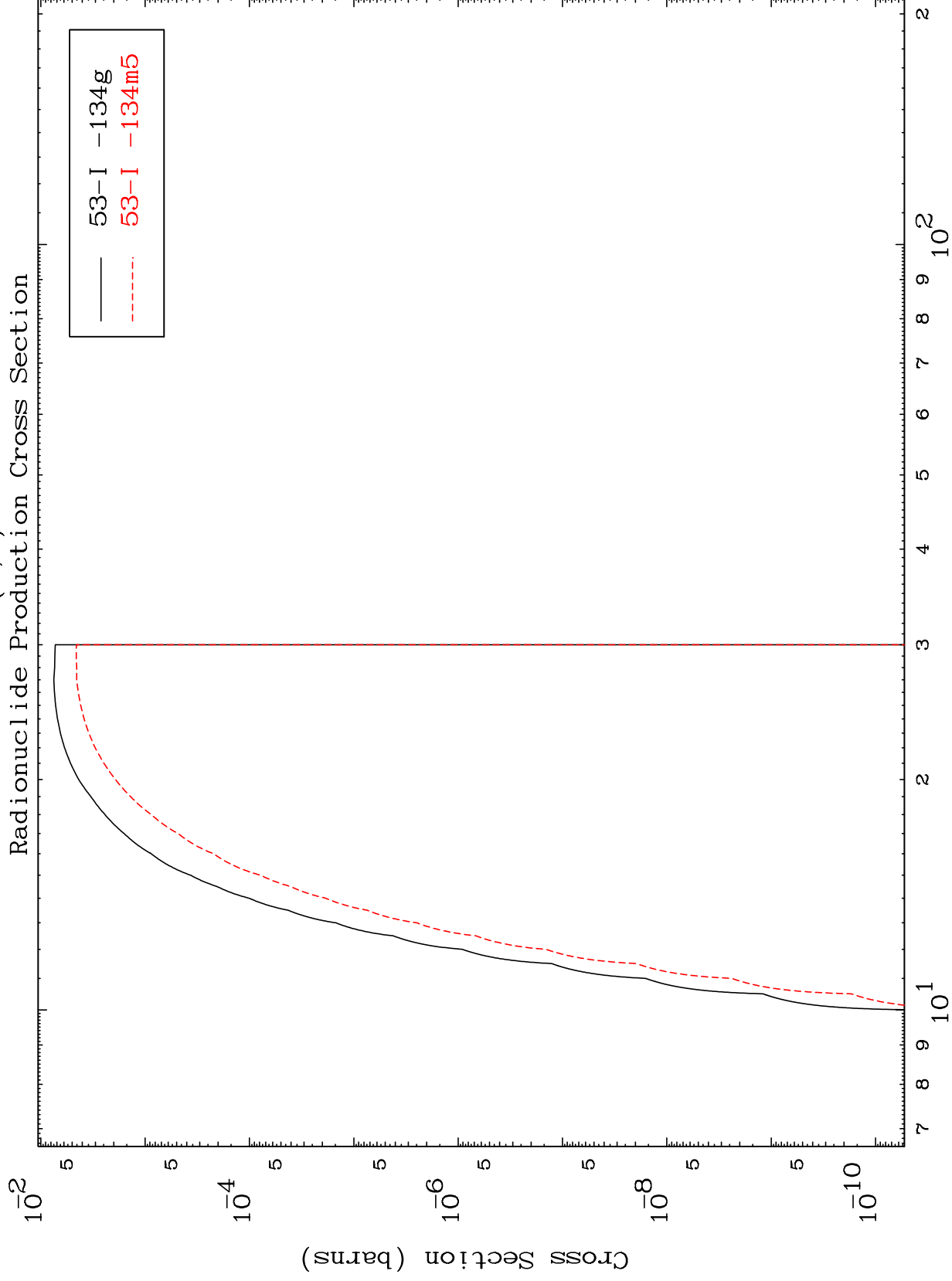
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,d)

54-Xe-135



31

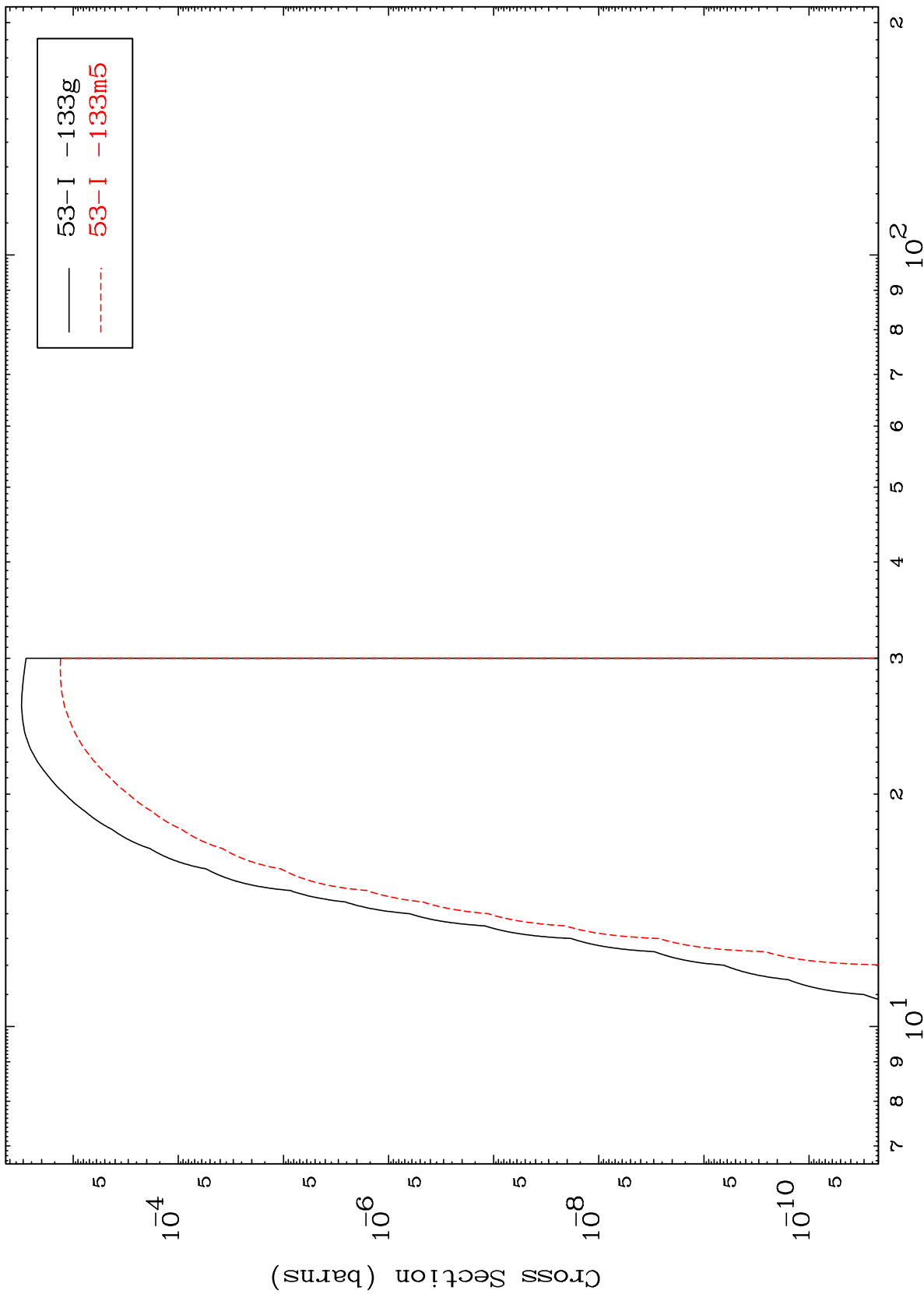
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(n, t)
Radionuclide Production Cross Section



32

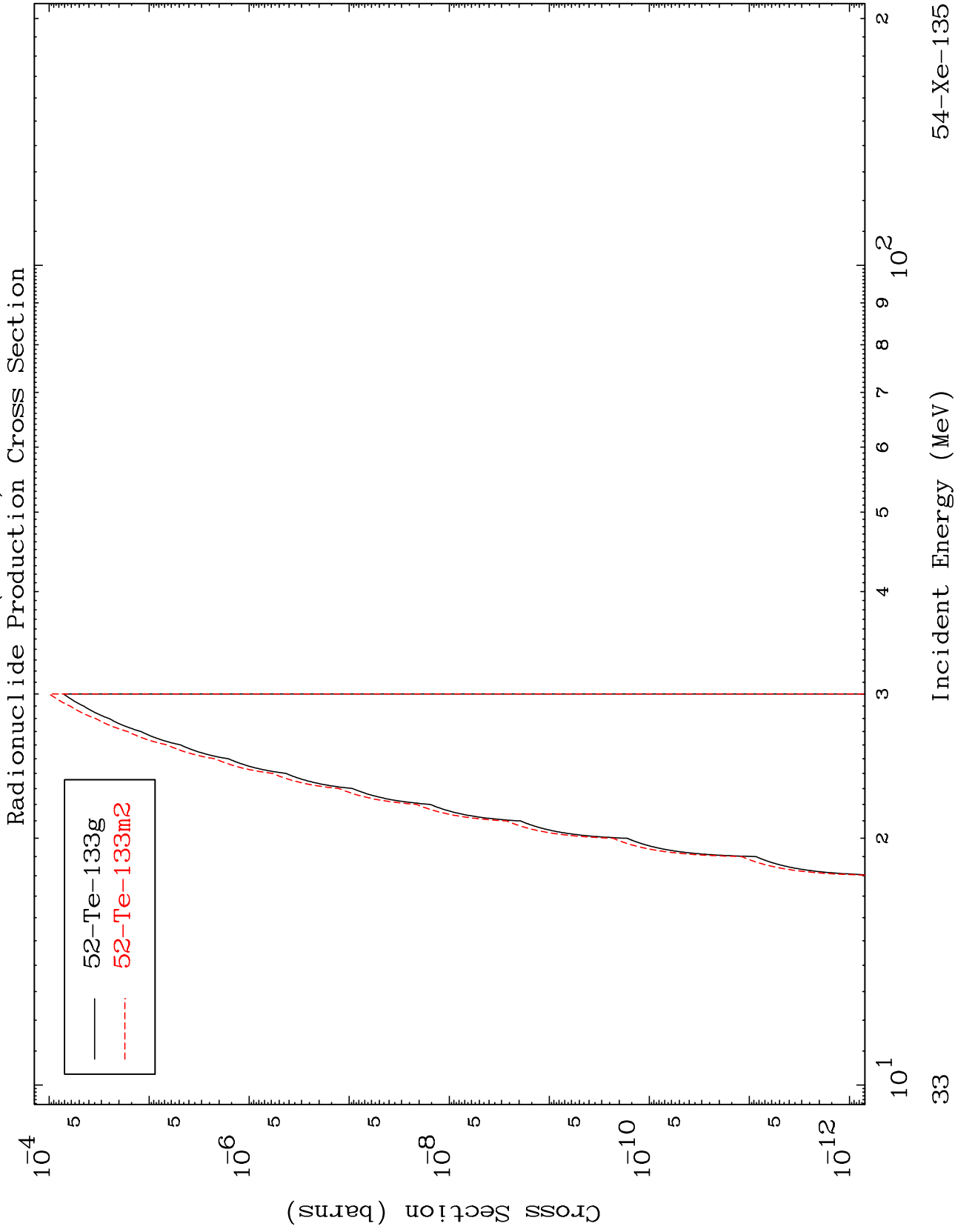
Incident Energy (MeV)

54-Xe-135

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(n,He-3)

54-Xe-135



33

Radionuclide Production Cross Section

