

Program EVALPLOT  
(Version 2018-1)

by

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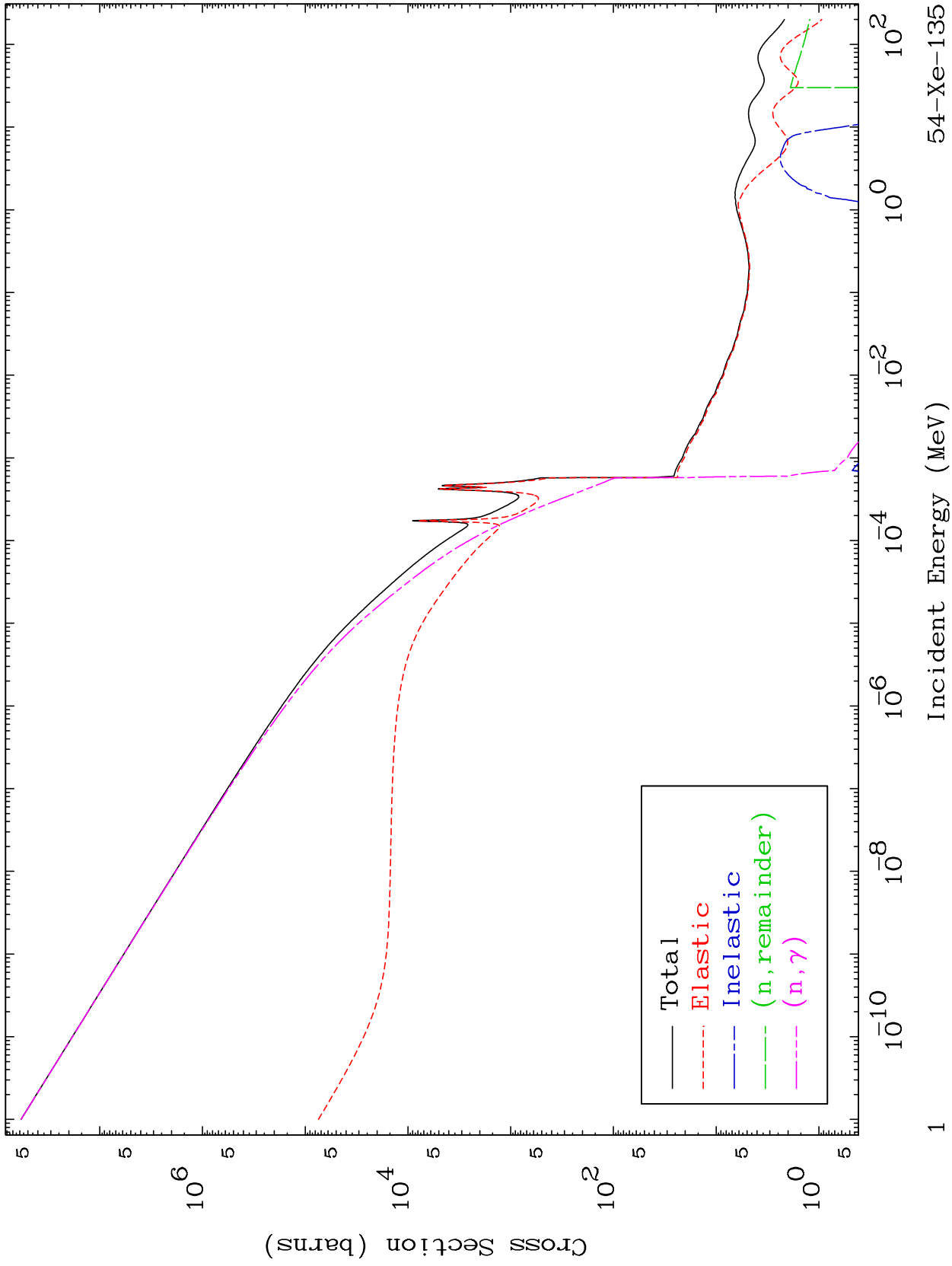
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5459

Major  
293 Kelvin Cross Sections

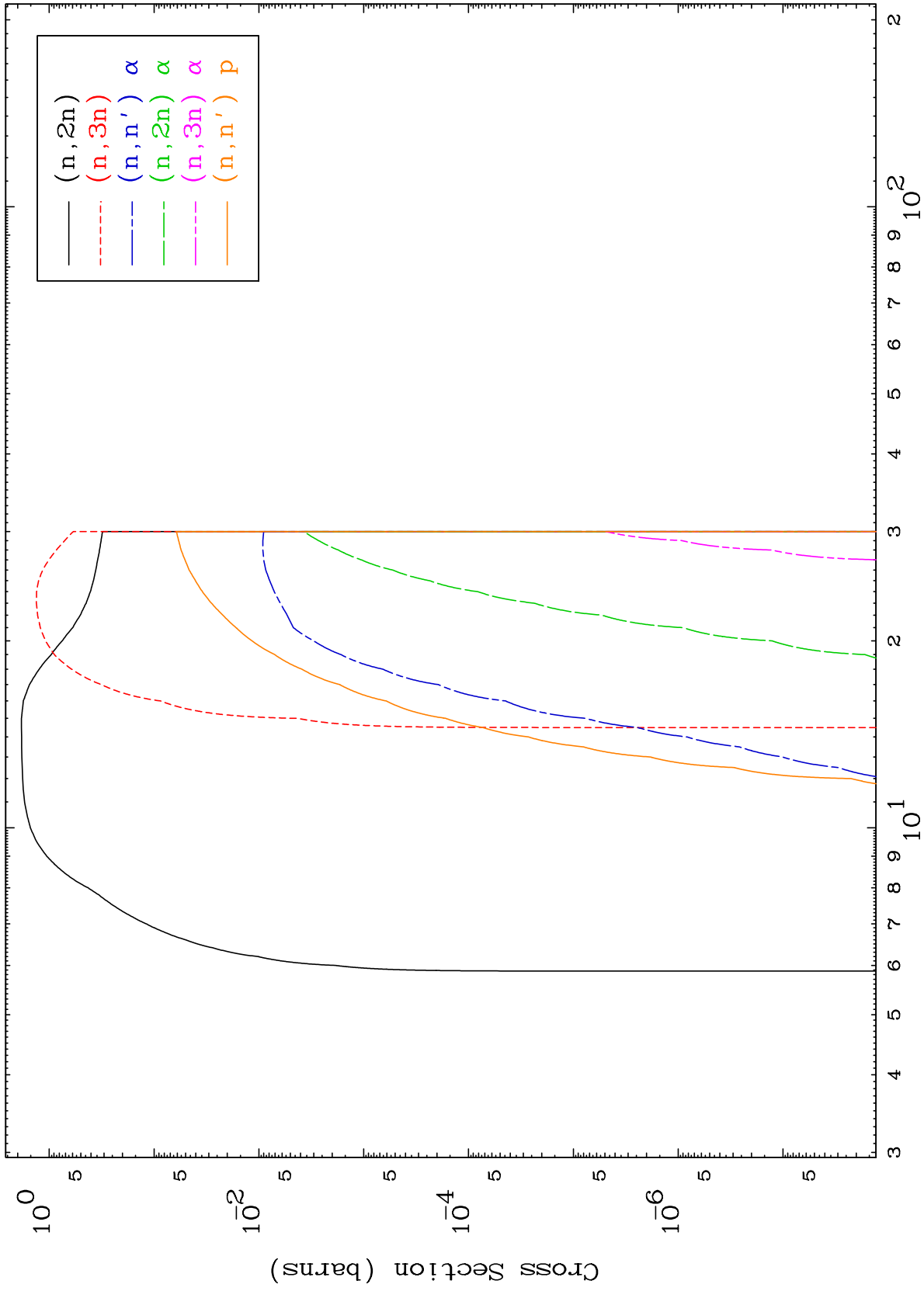
54-Xe-135



MAT 5459

Neutron Production  
293 Kelvin Cross Sections

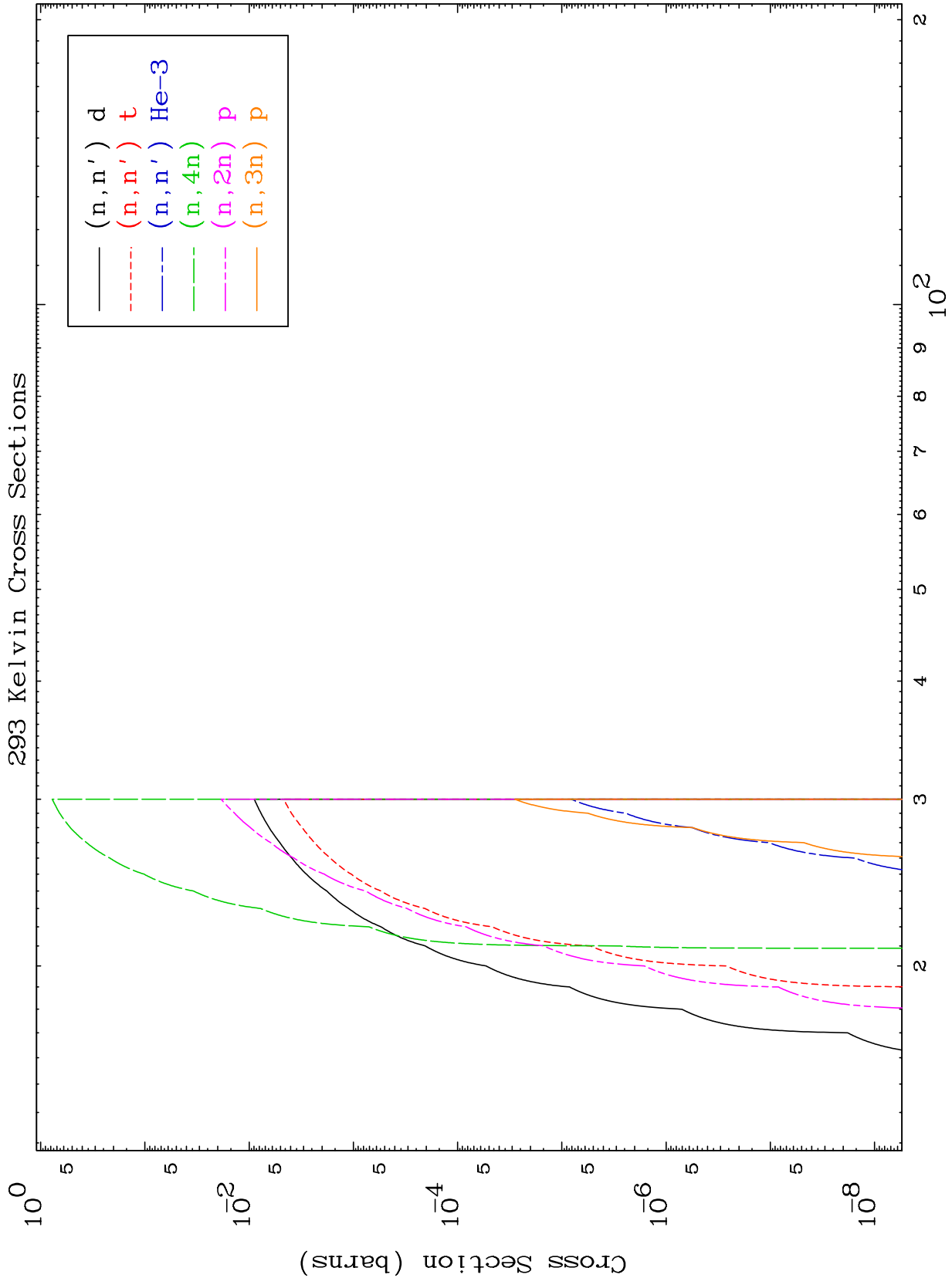
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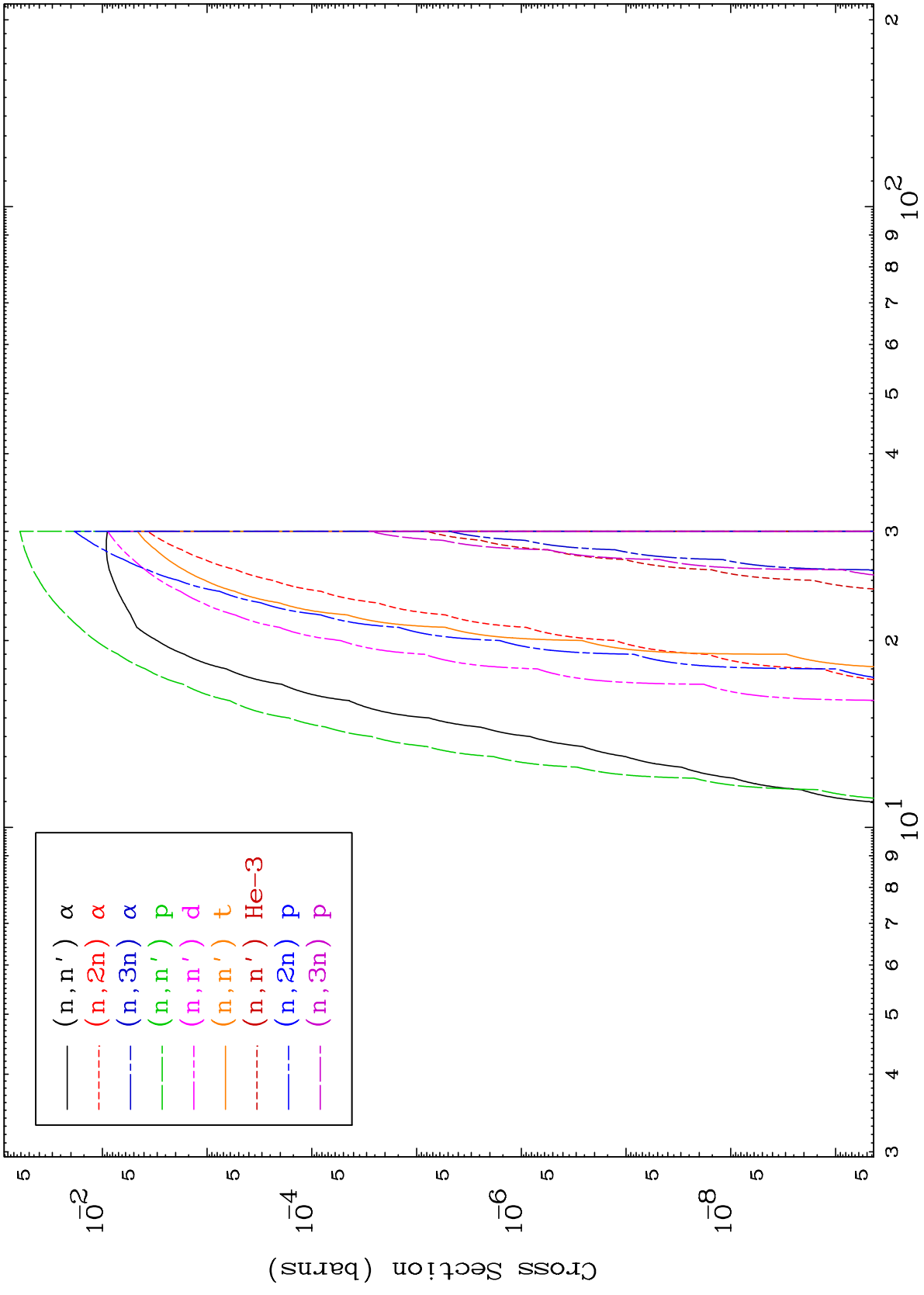


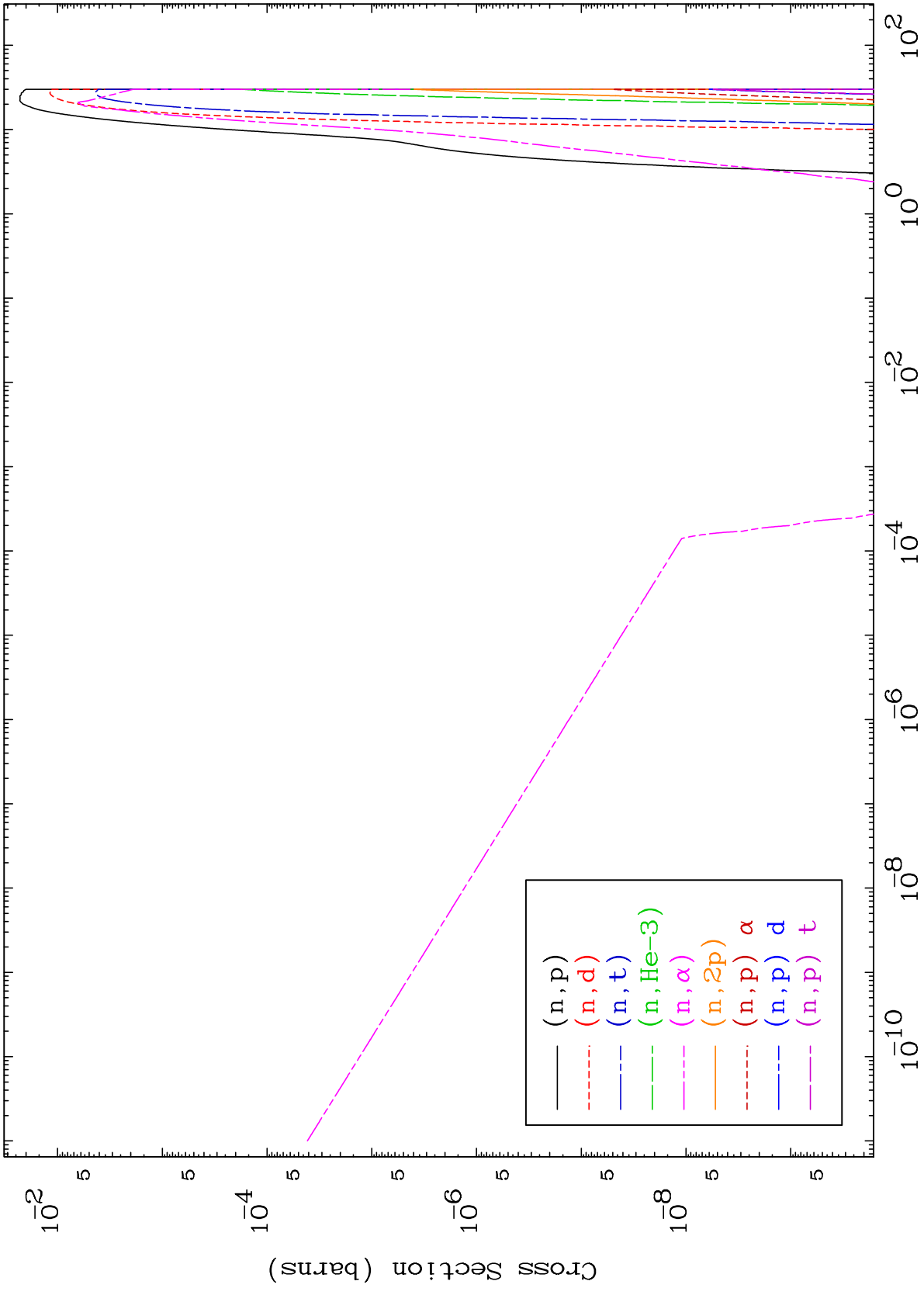
2

Incident Energy (MeV)

54-Xe-135



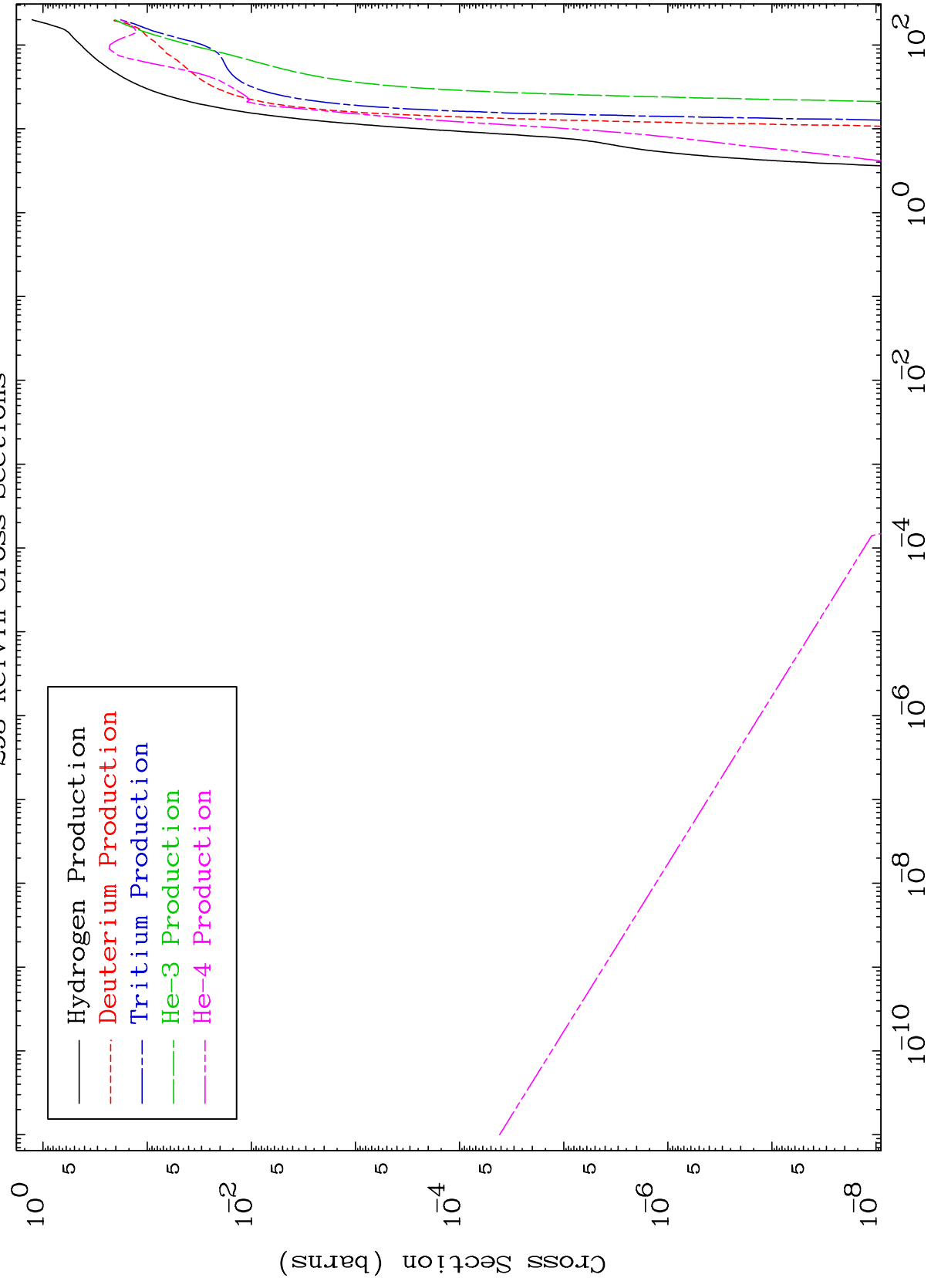




MAT 5459

Particle Production  
293 Kelvin Cross Sections

54-Xe-135



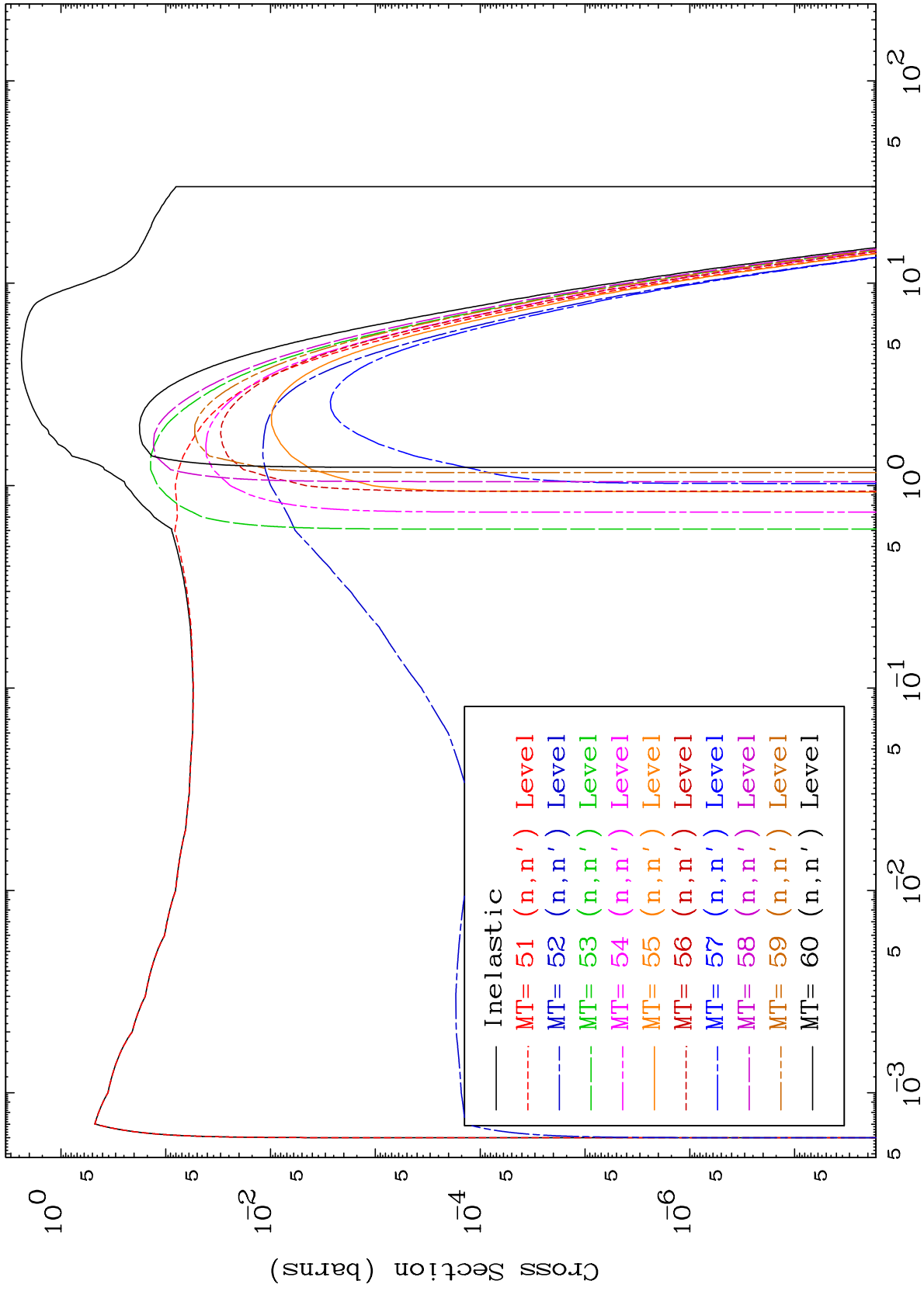
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54-Xe-135

MAT 5459

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-135

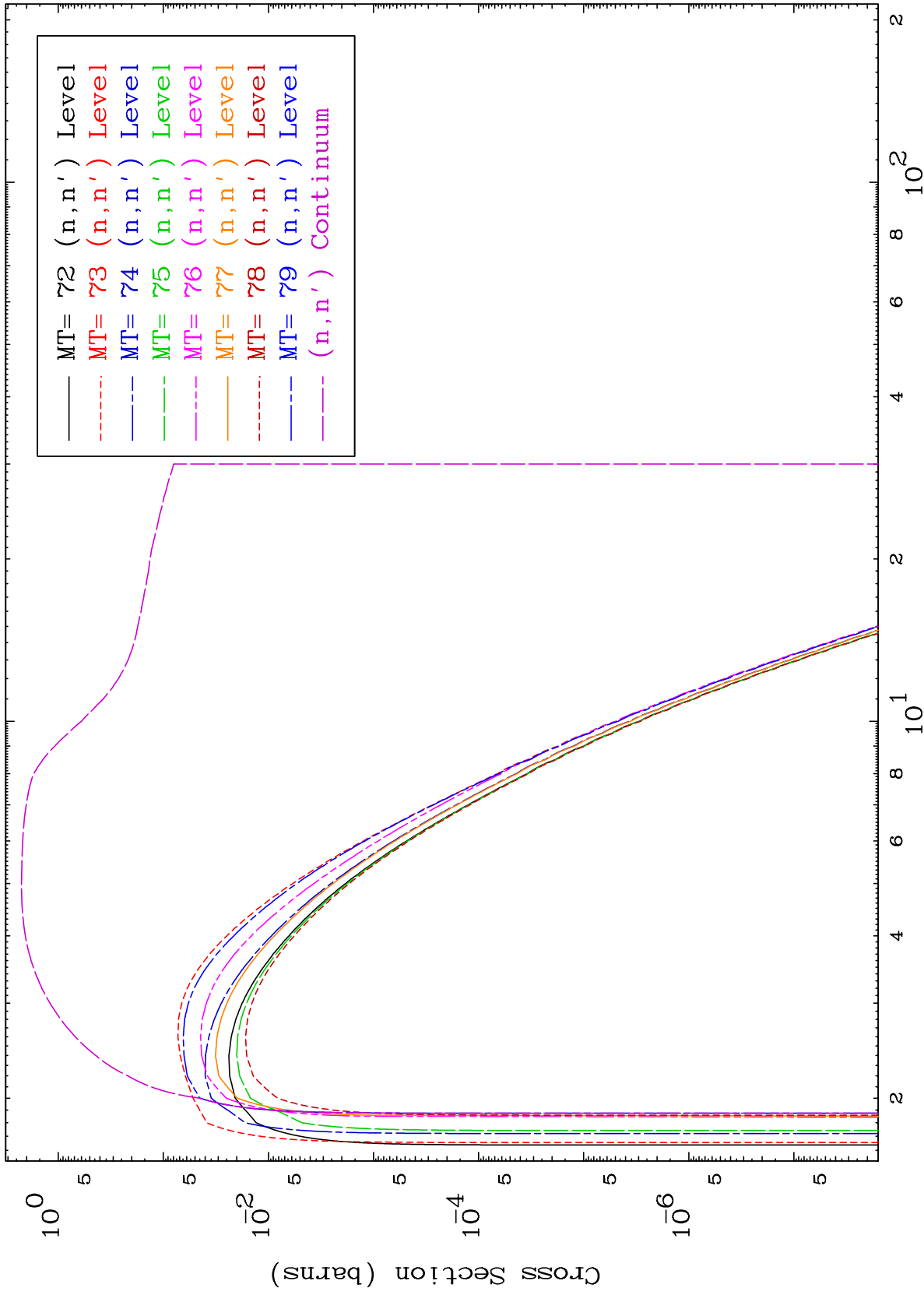




MAT 5459

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-135



9

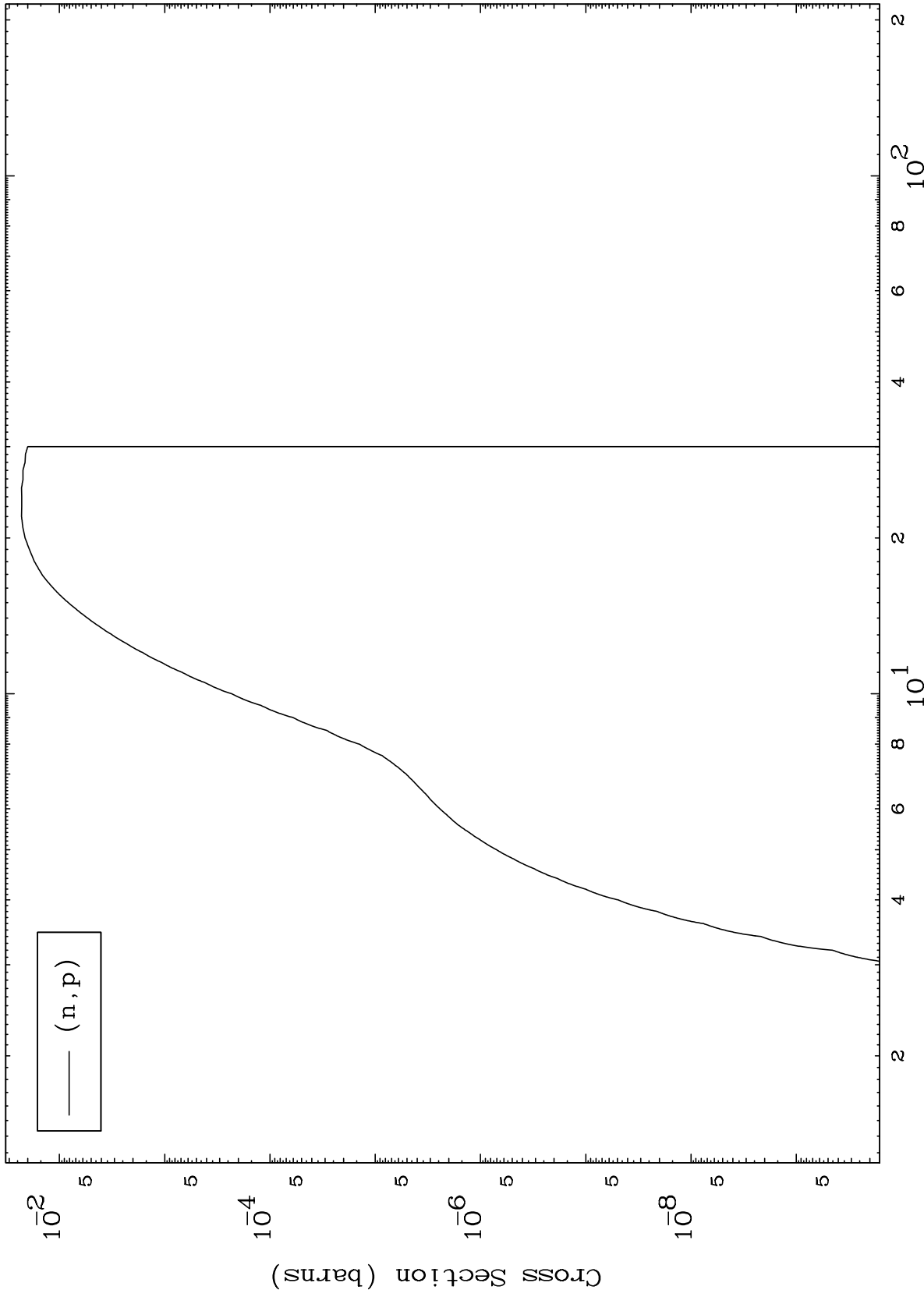
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-135



10

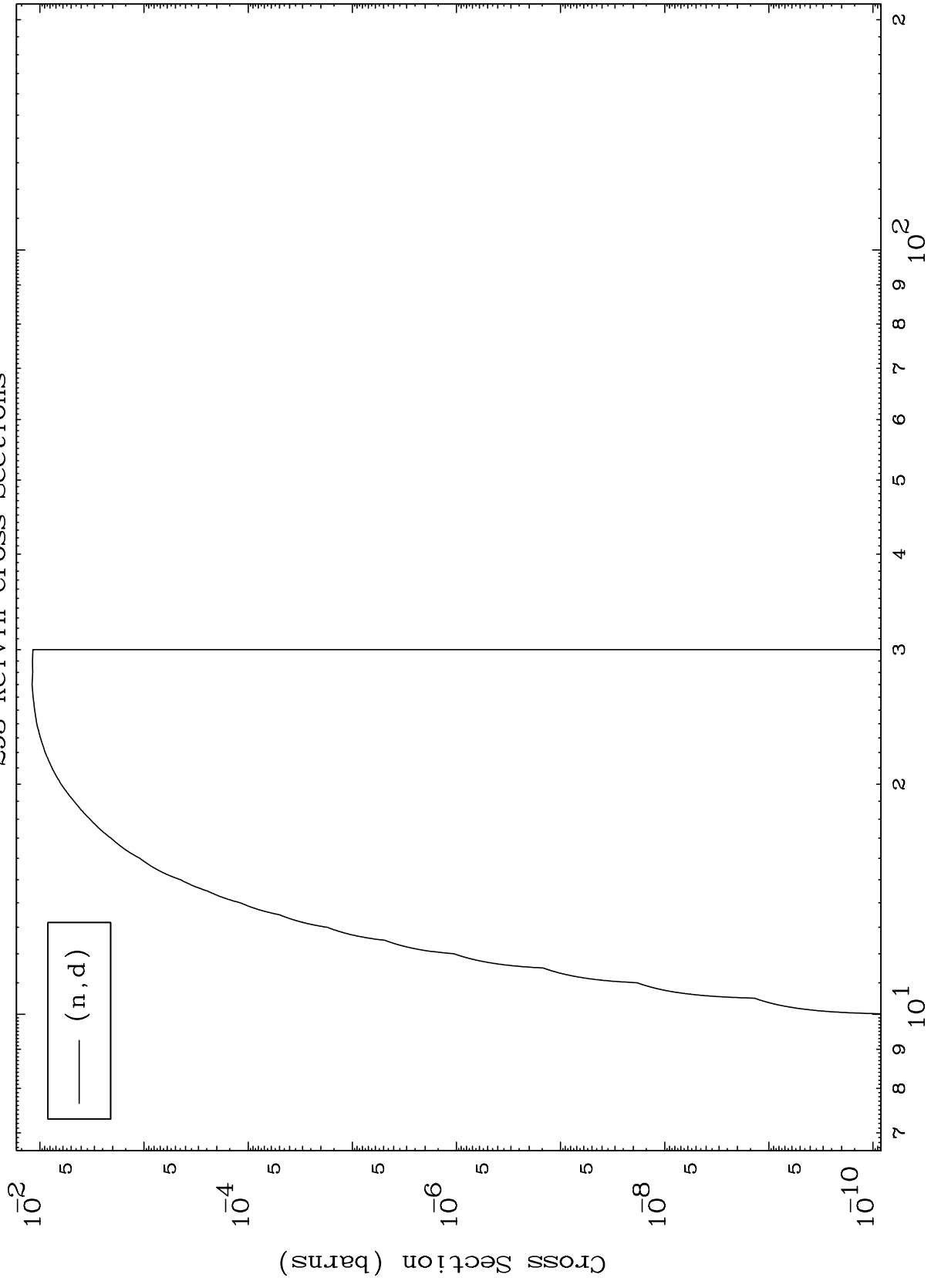
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-135



11

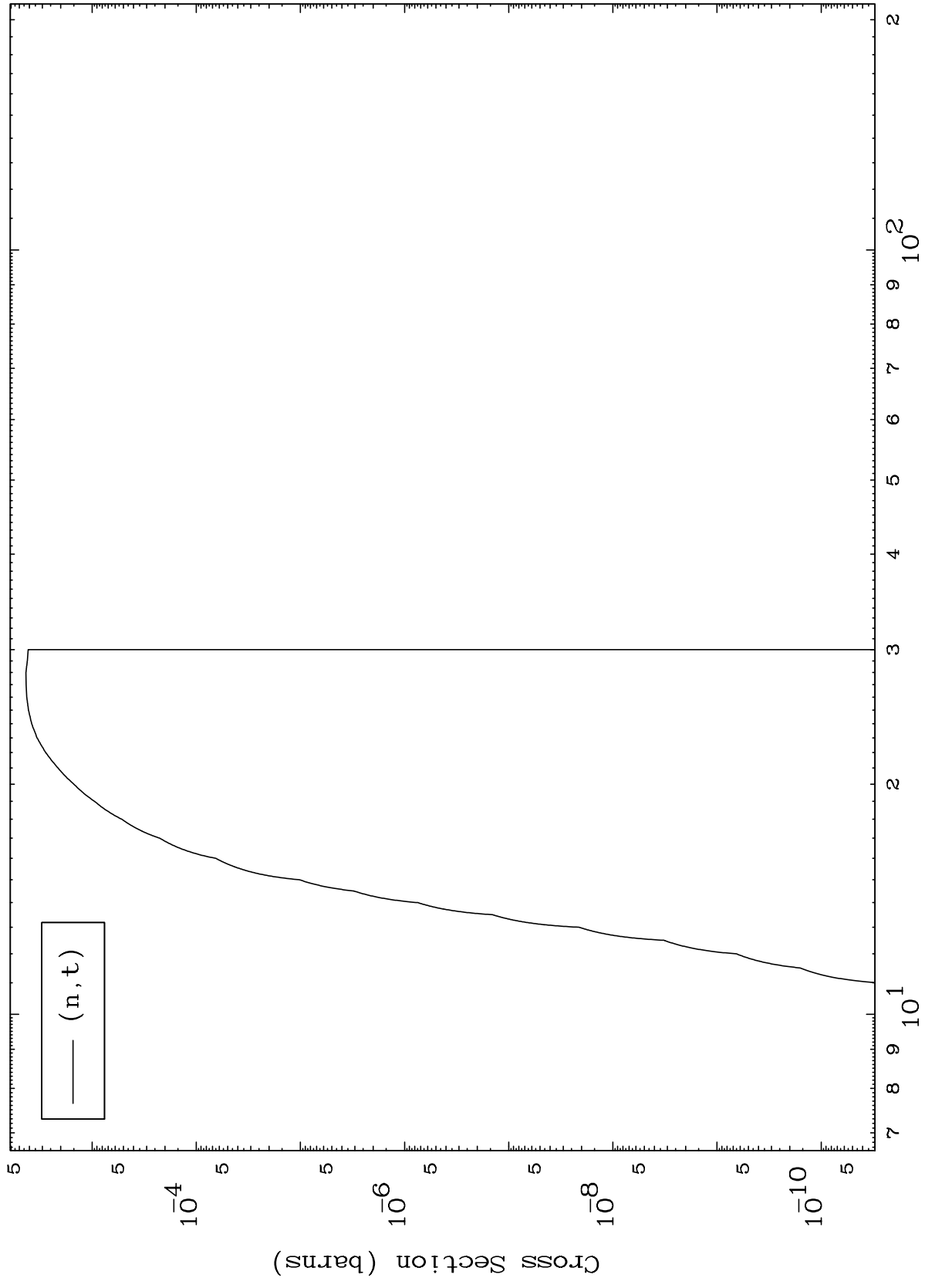
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-135



12

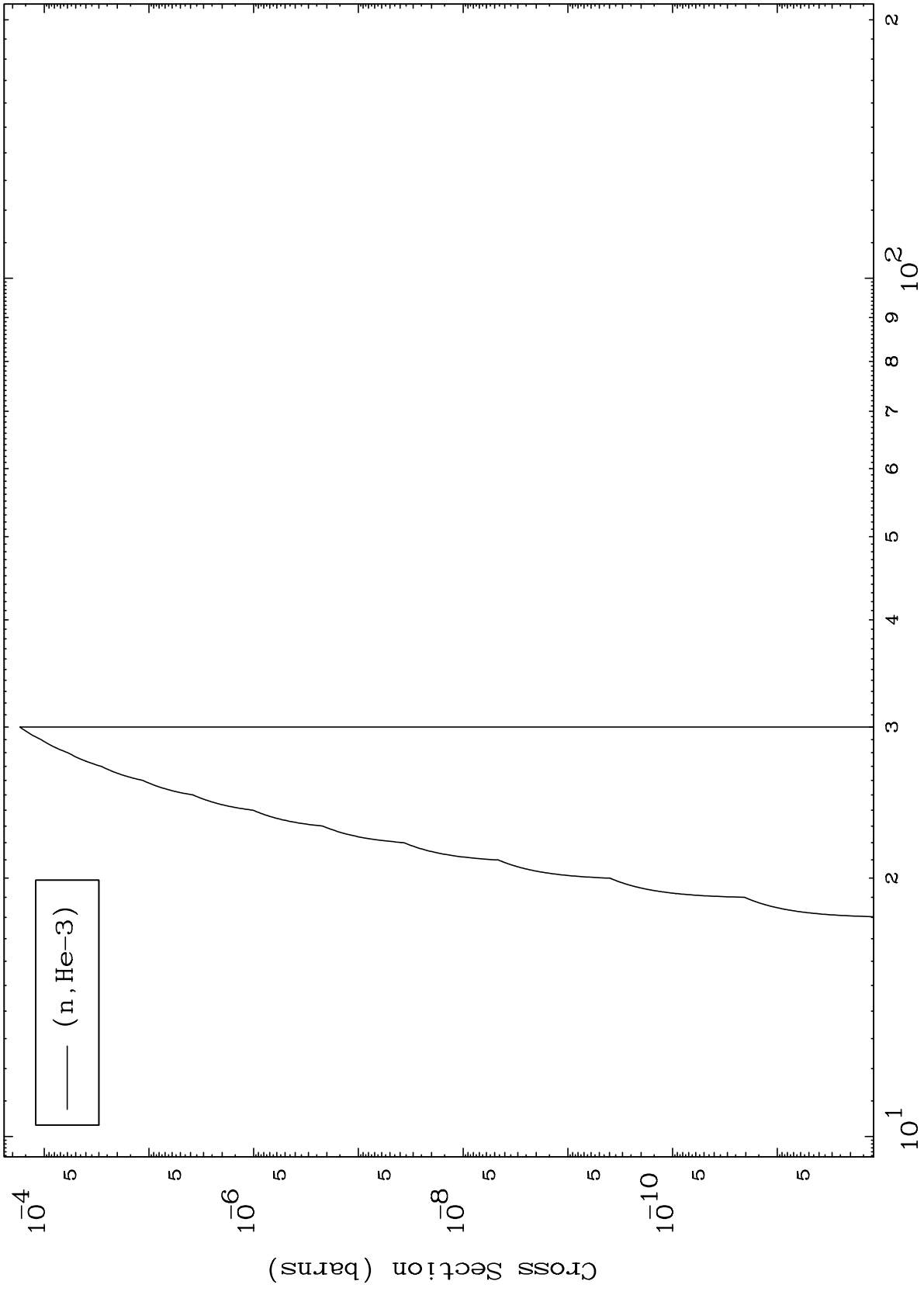
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-135



13

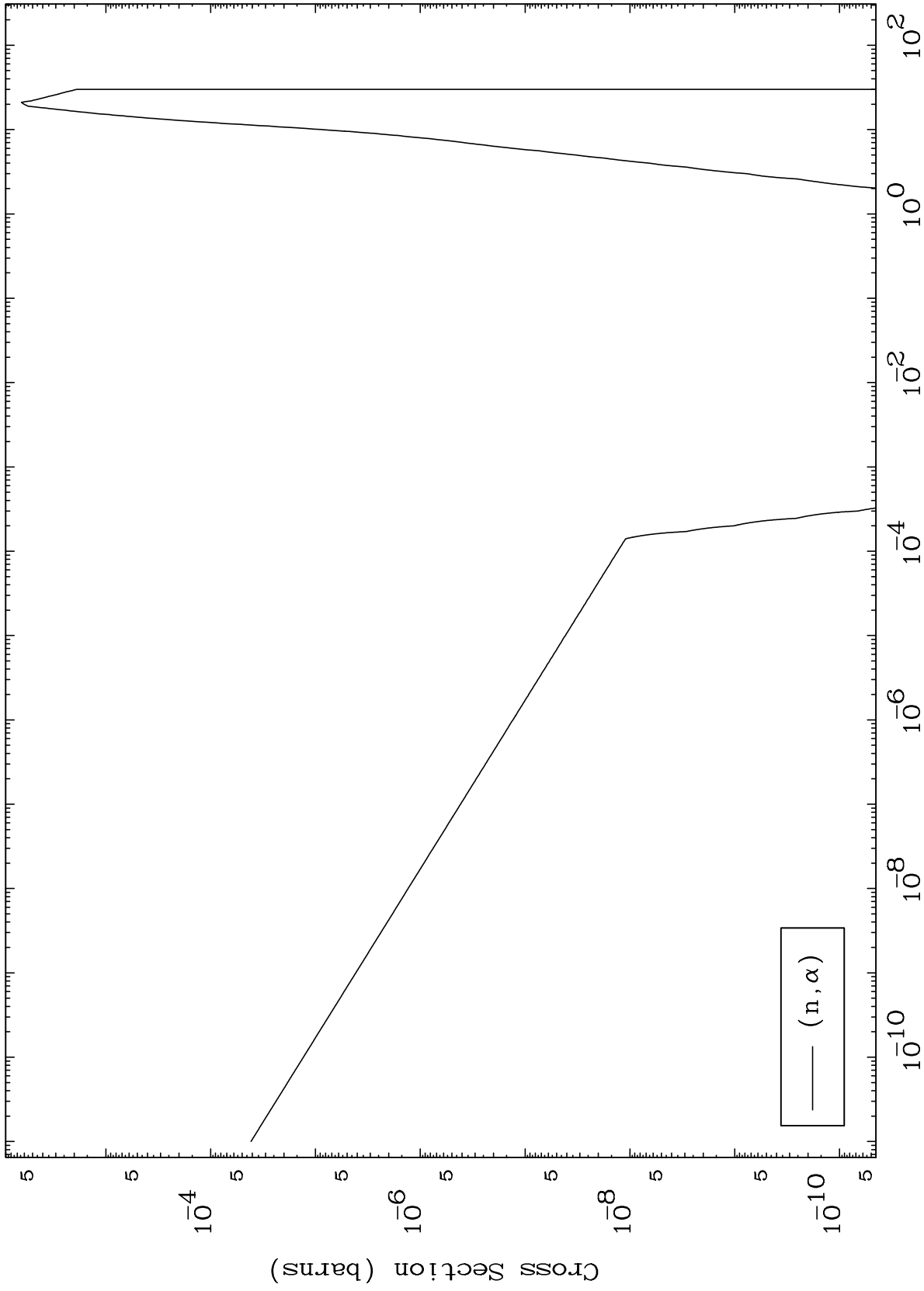
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,α) Levels  
293 Kelvin Cross Sections

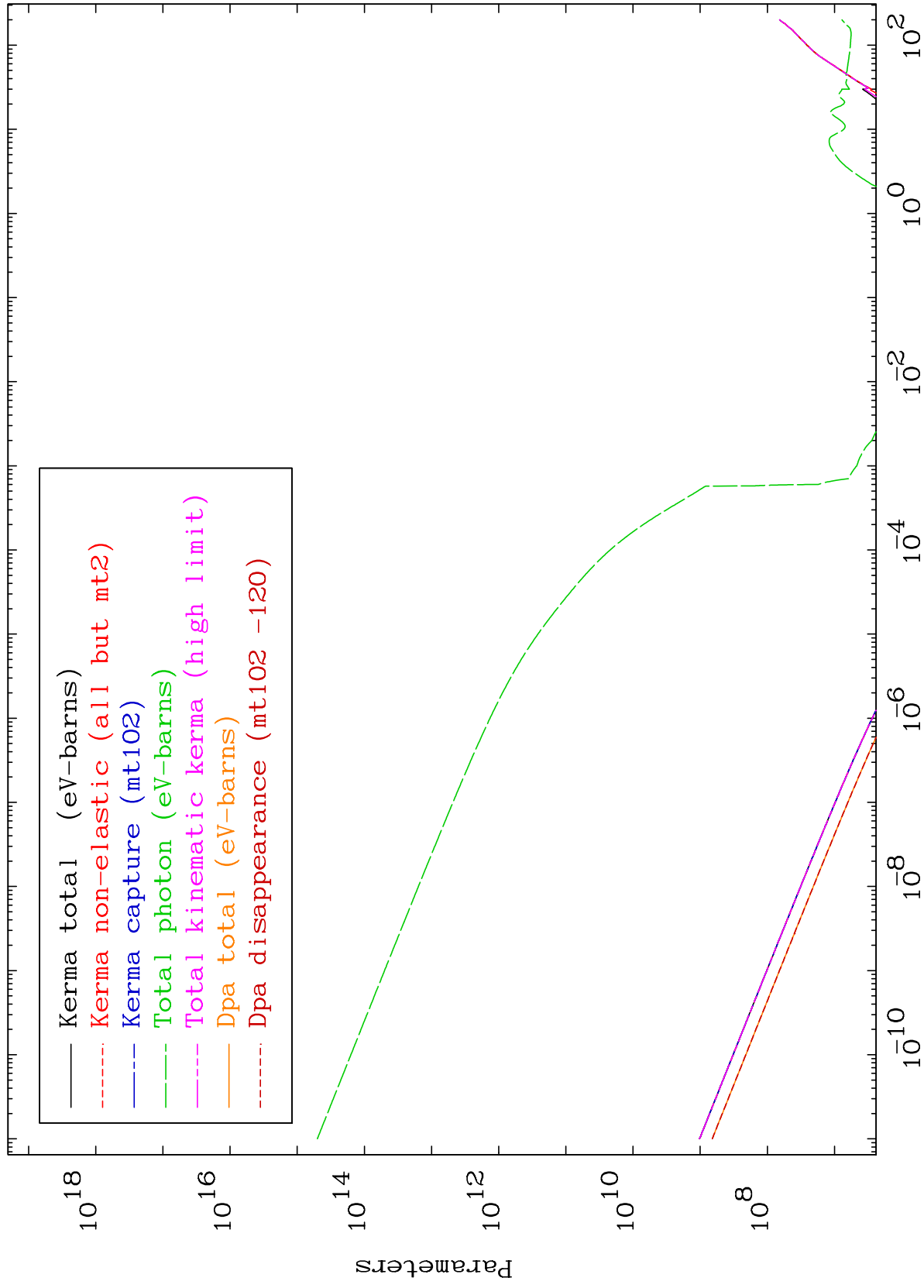
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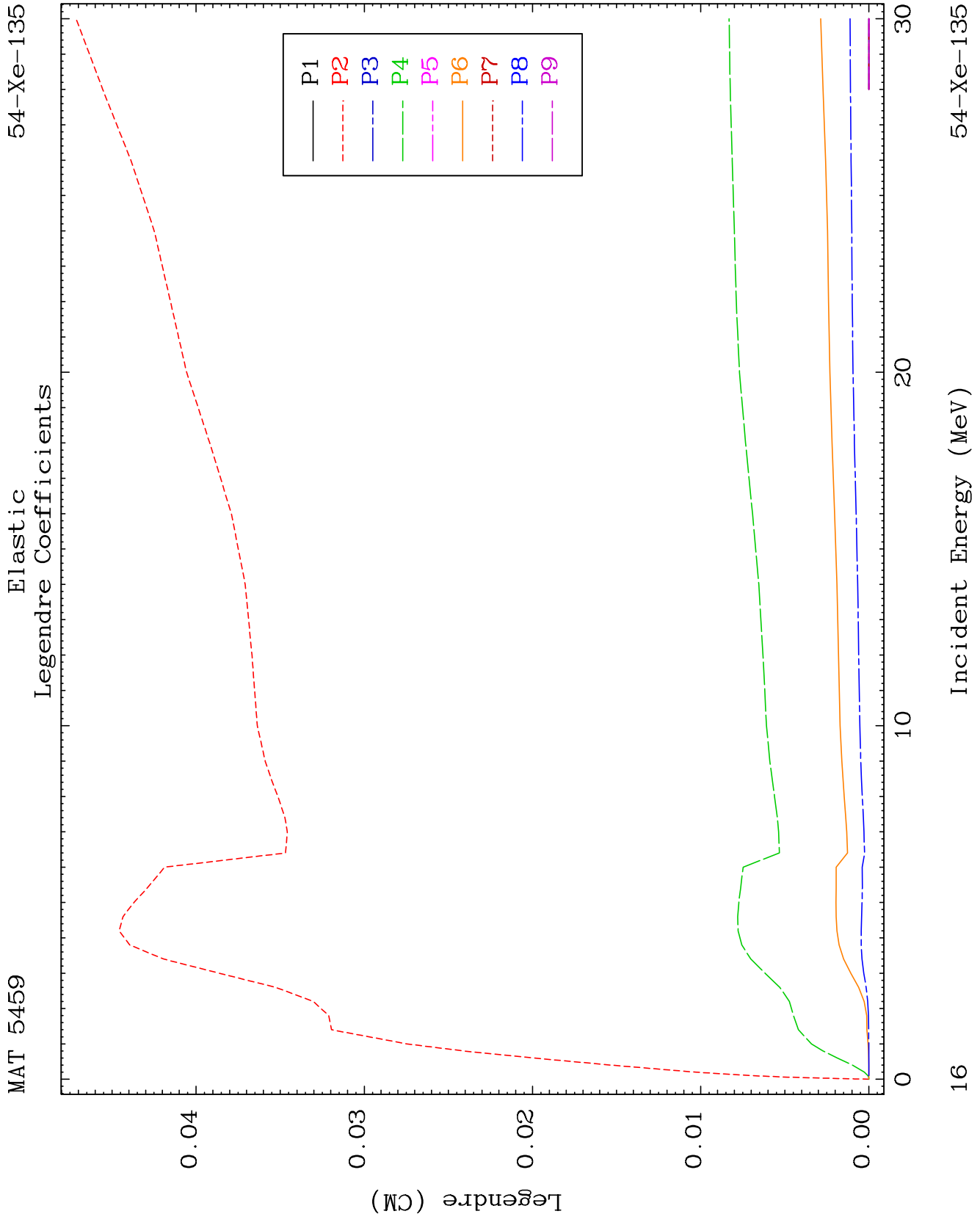


14

Incident Energy (MeV)

54-Xe-135

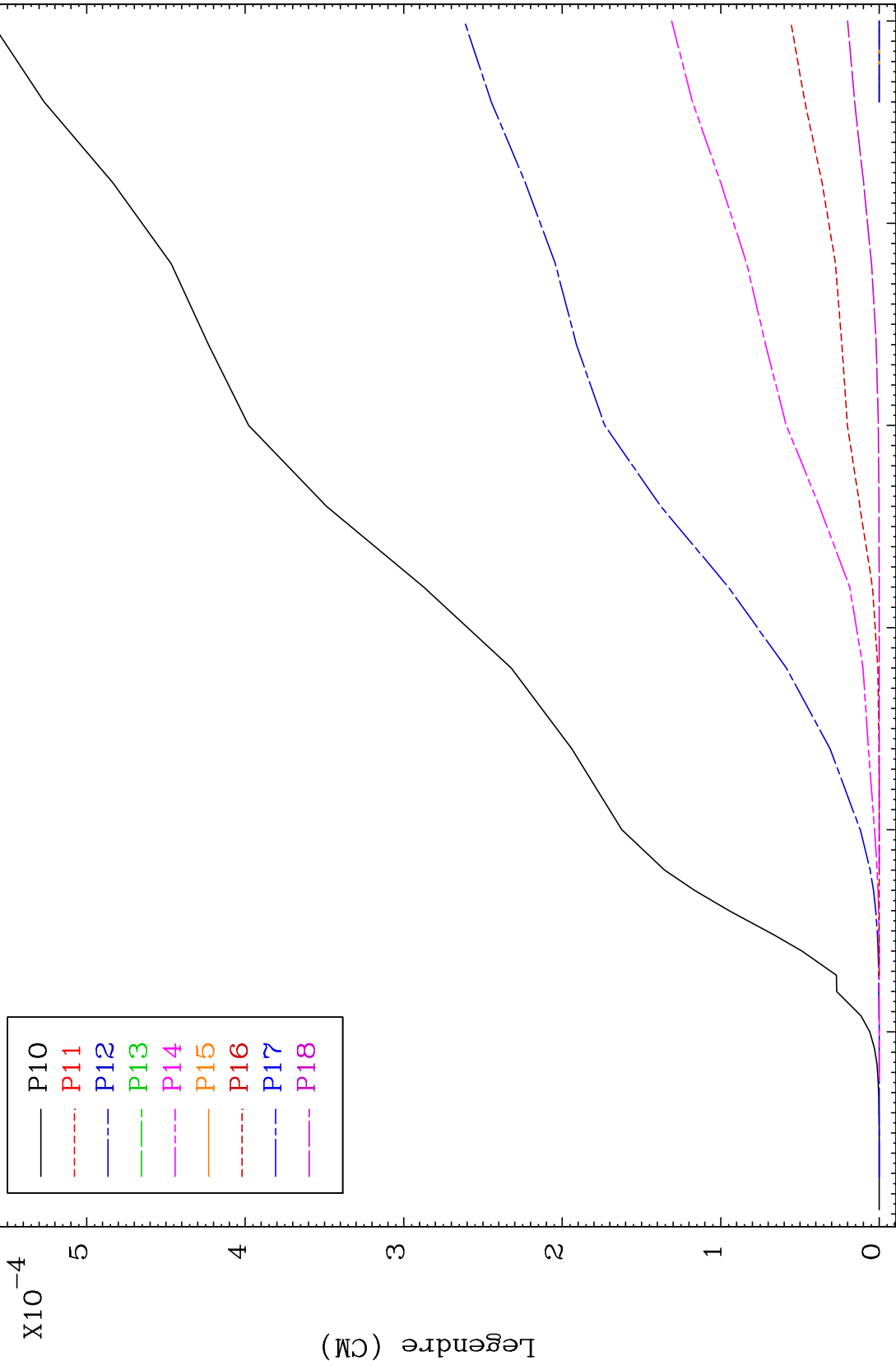
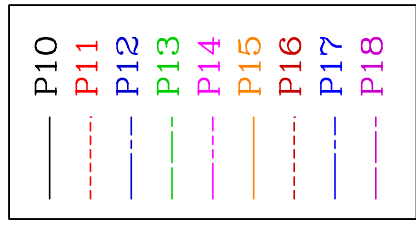




MAT 5459

Elastic Legendre Coefficients

54-Xe-135



17

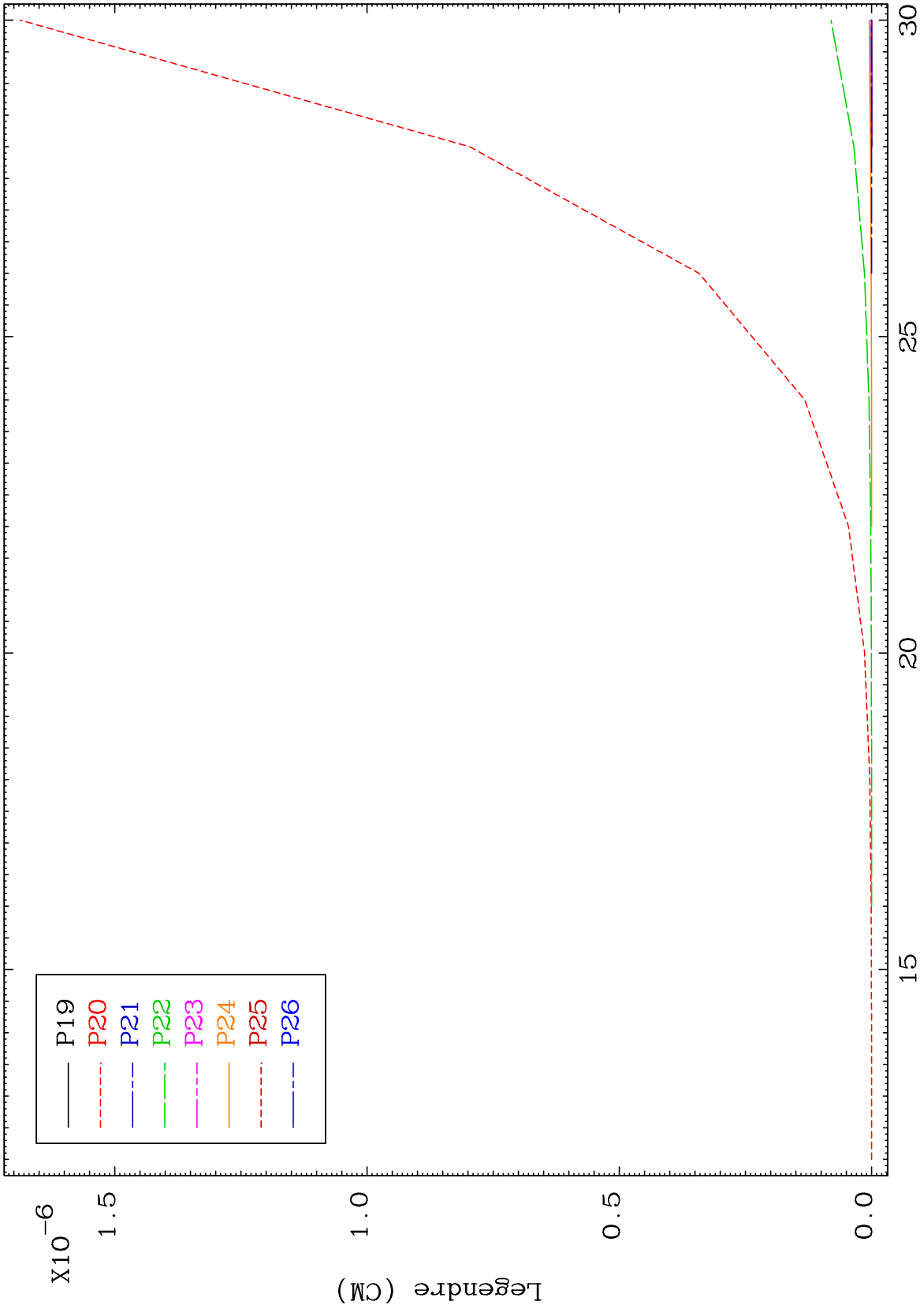
Incident Energy (MeV)

54-Xe-135

MAT 5459

Elastic Legendre Coefficients

54-Xe-135



18

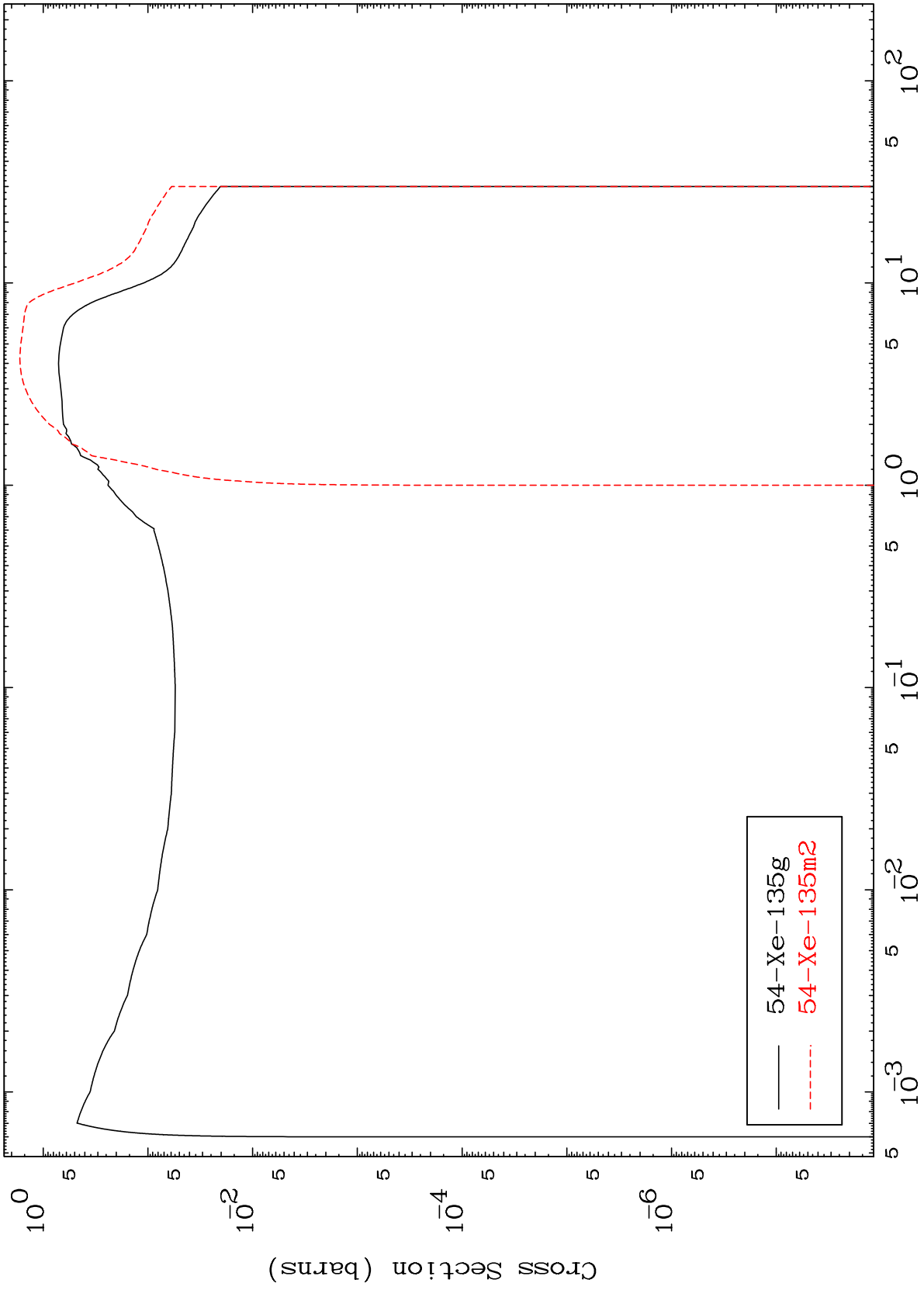
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

Inelastic  
Radionuclide Production Cross Section



19

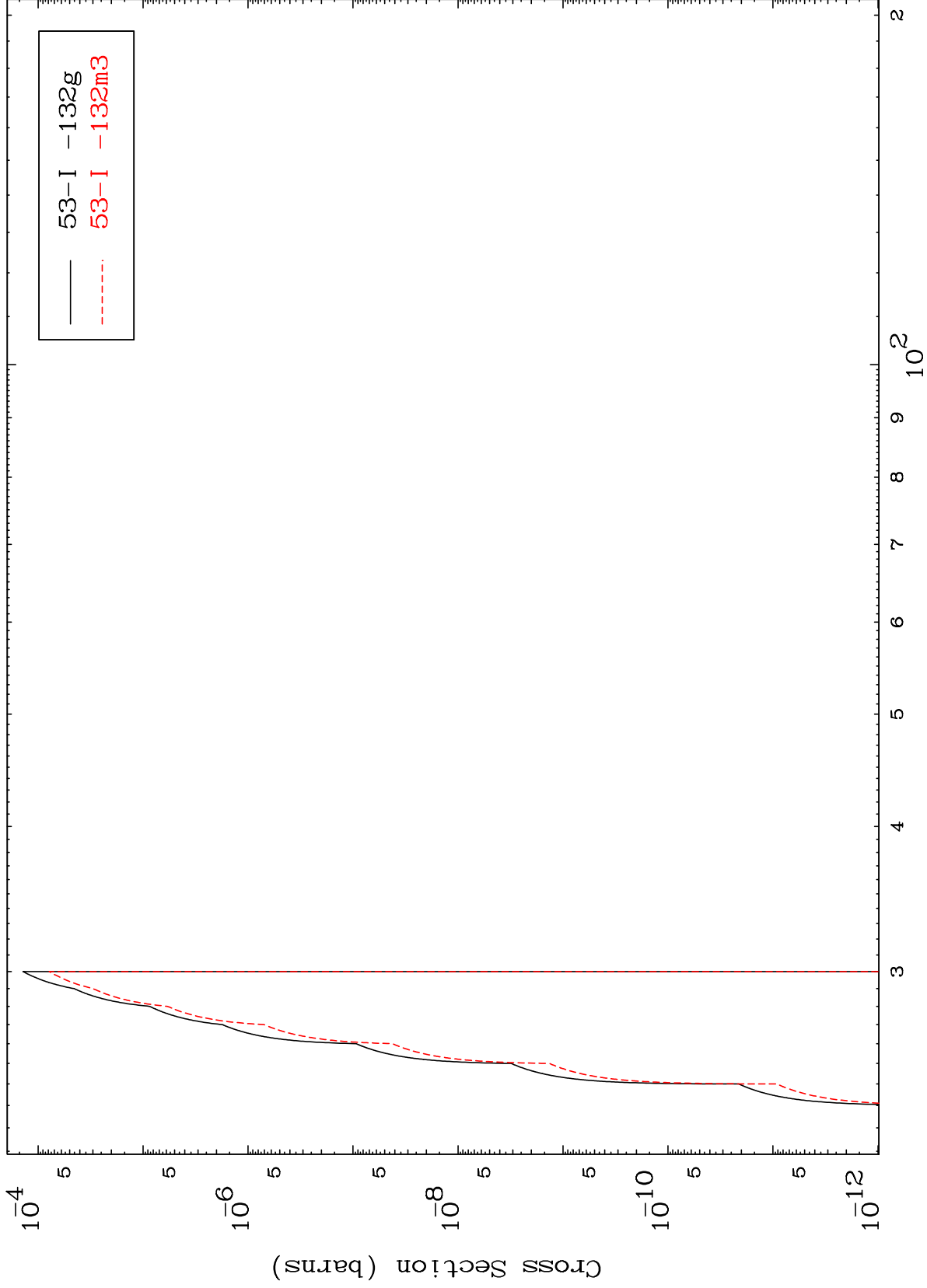
54-Xe-135

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(n,2n) d

54-Xe-135

Radionuclide Production Cross Section



20

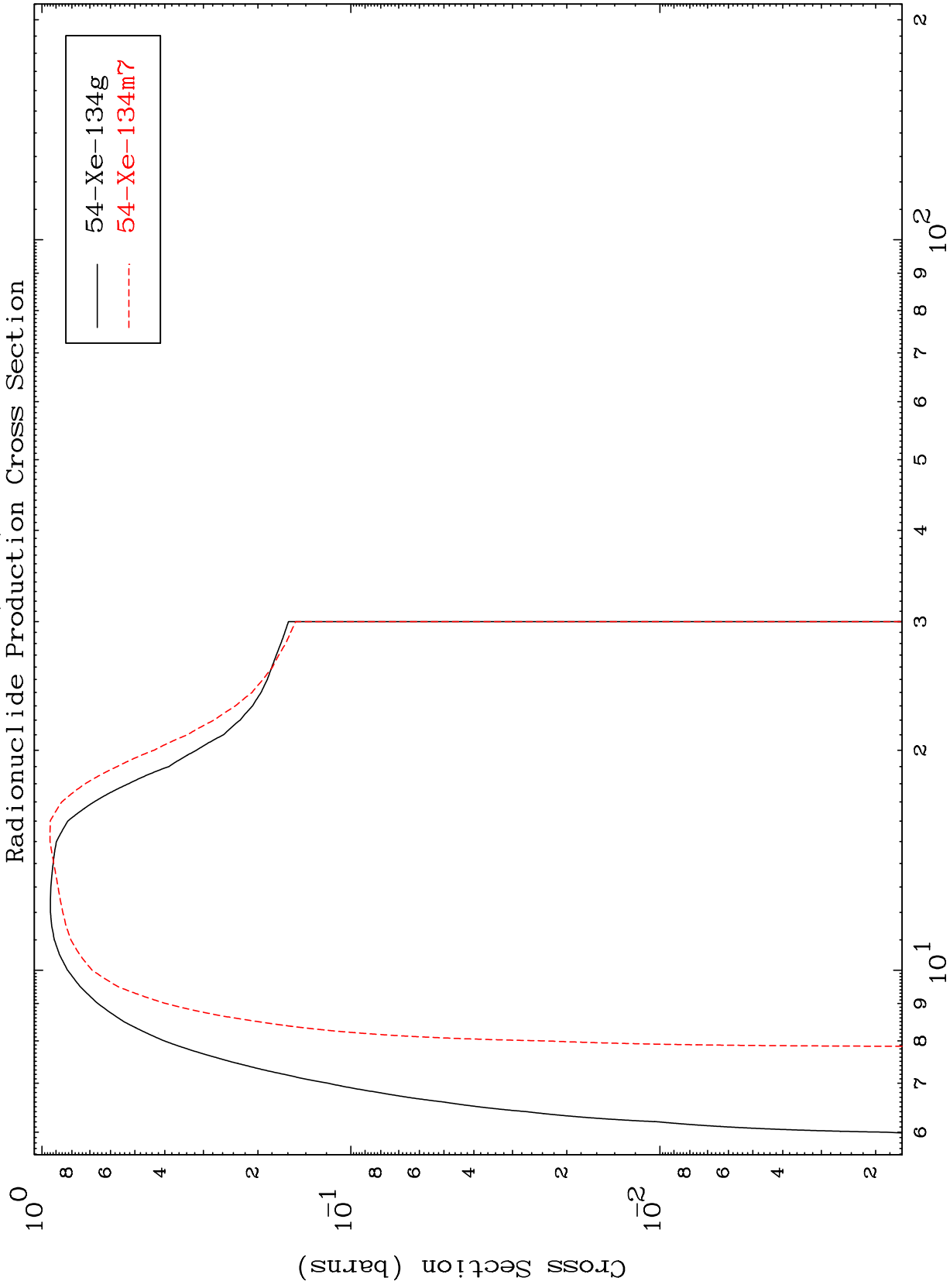
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(n,2n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

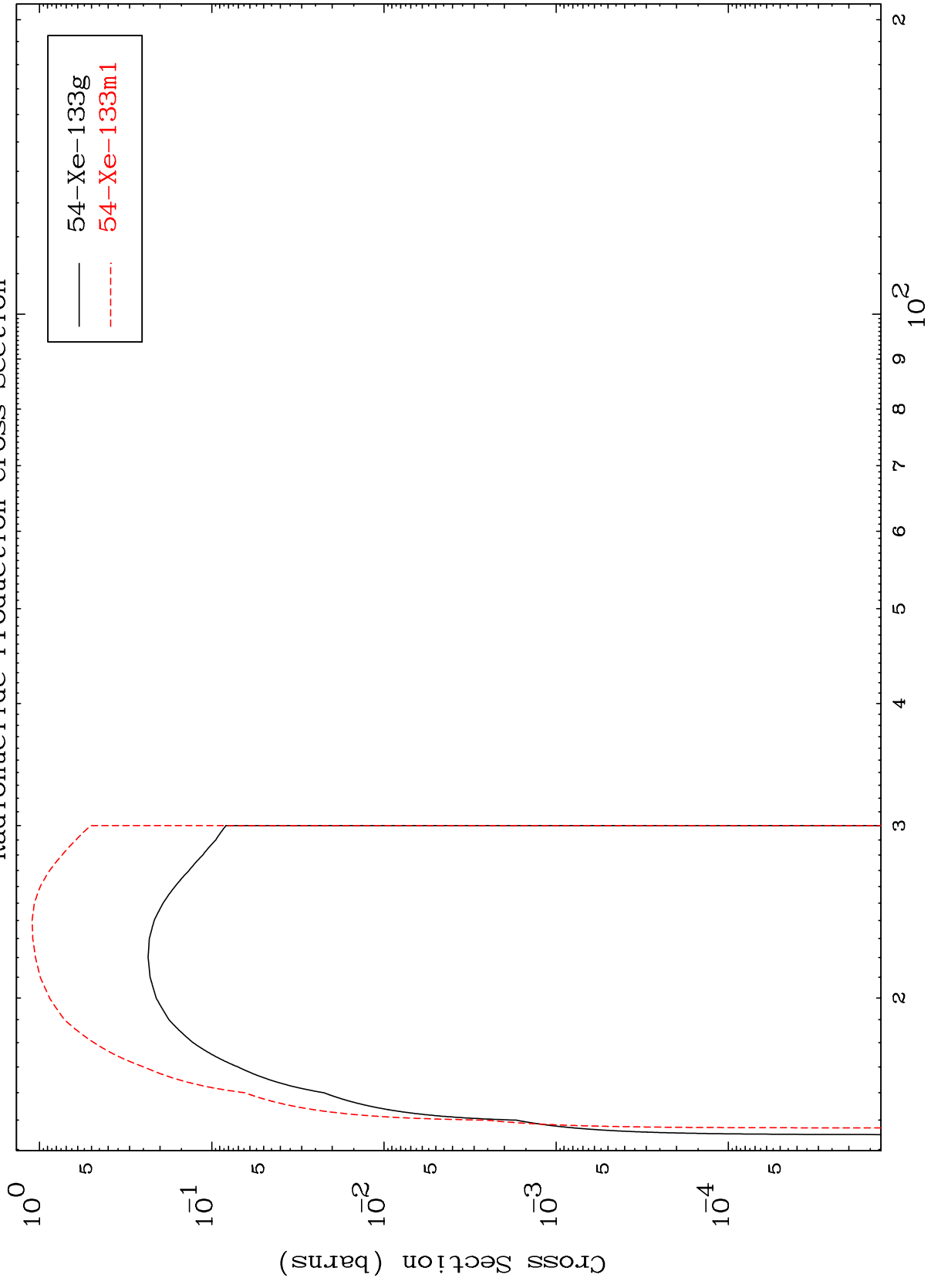
54-Xe-135

MAT 5459

(n,3n)

54-Xe-135

Radionuclide Production Cross Section



54-Xe-133g  
54-Xe-133m1

22

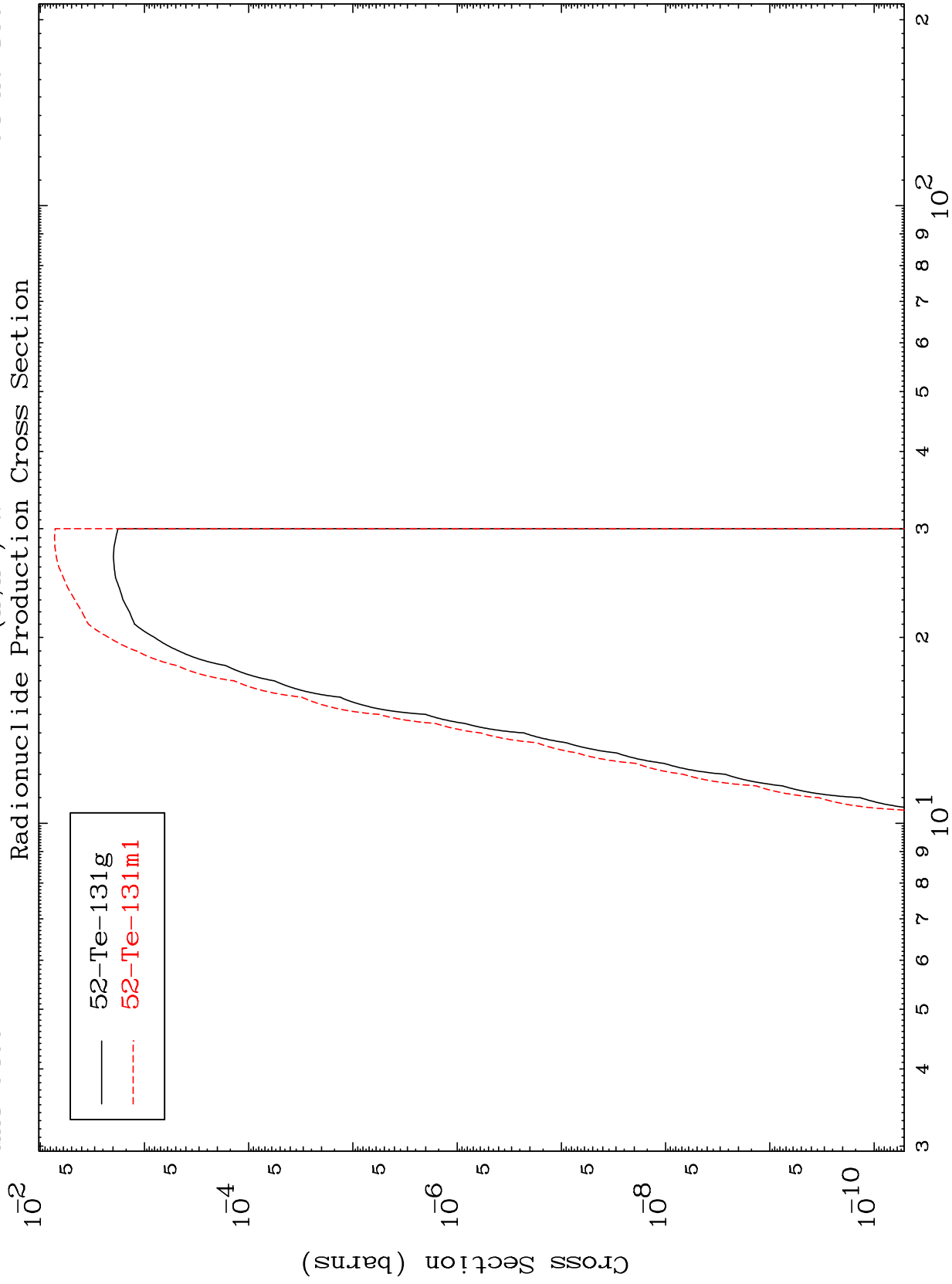
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(n,n')  $\alpha$   
Radionuclide Production Cross Section



23

Incident Energy (MeV)

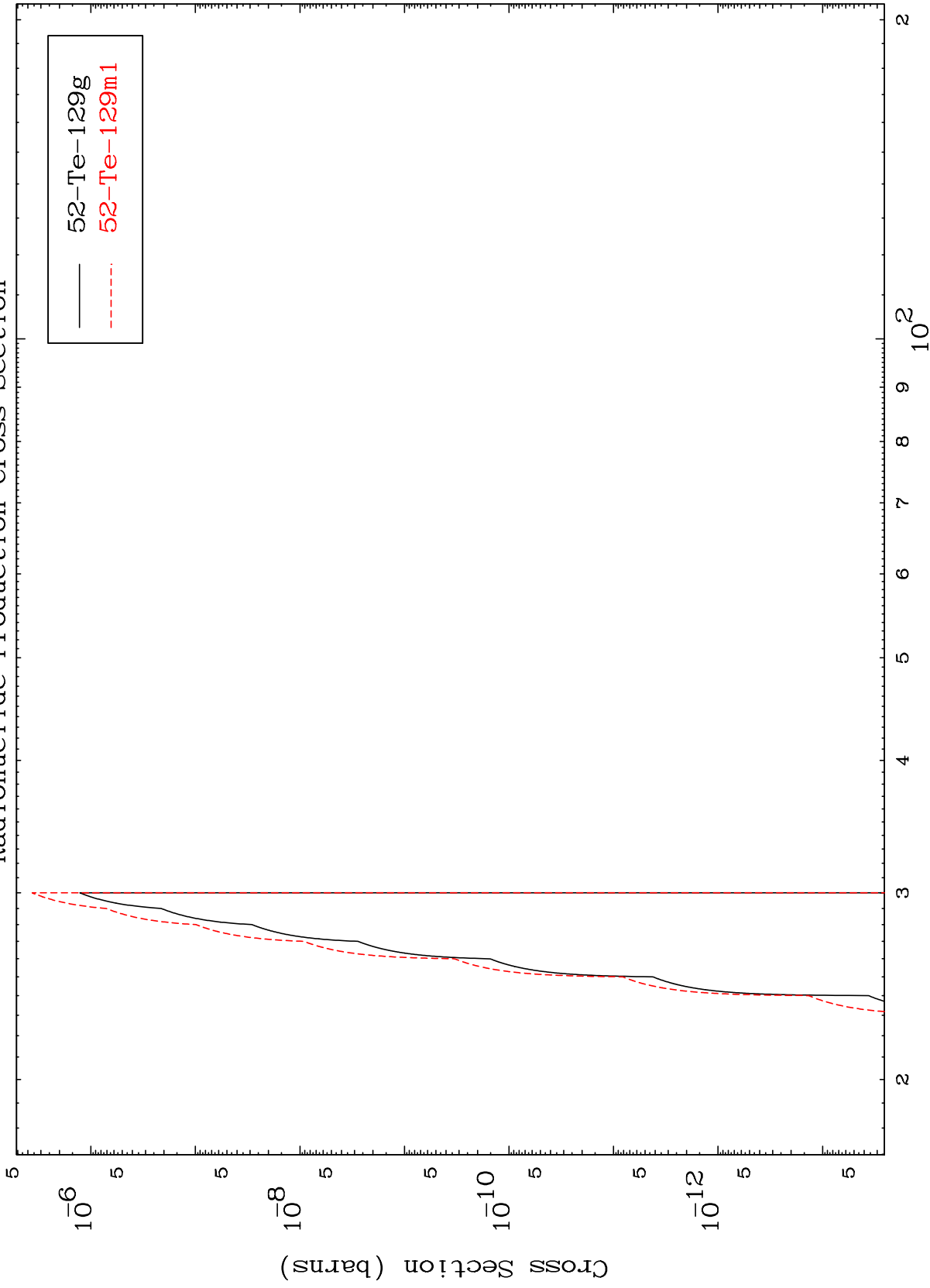
54-Xe-135

MAT 5459

(n,3n)  $\alpha$

54-Xe-135

Radionuclide Production Cross Section



24

Incident Energy (MeV)

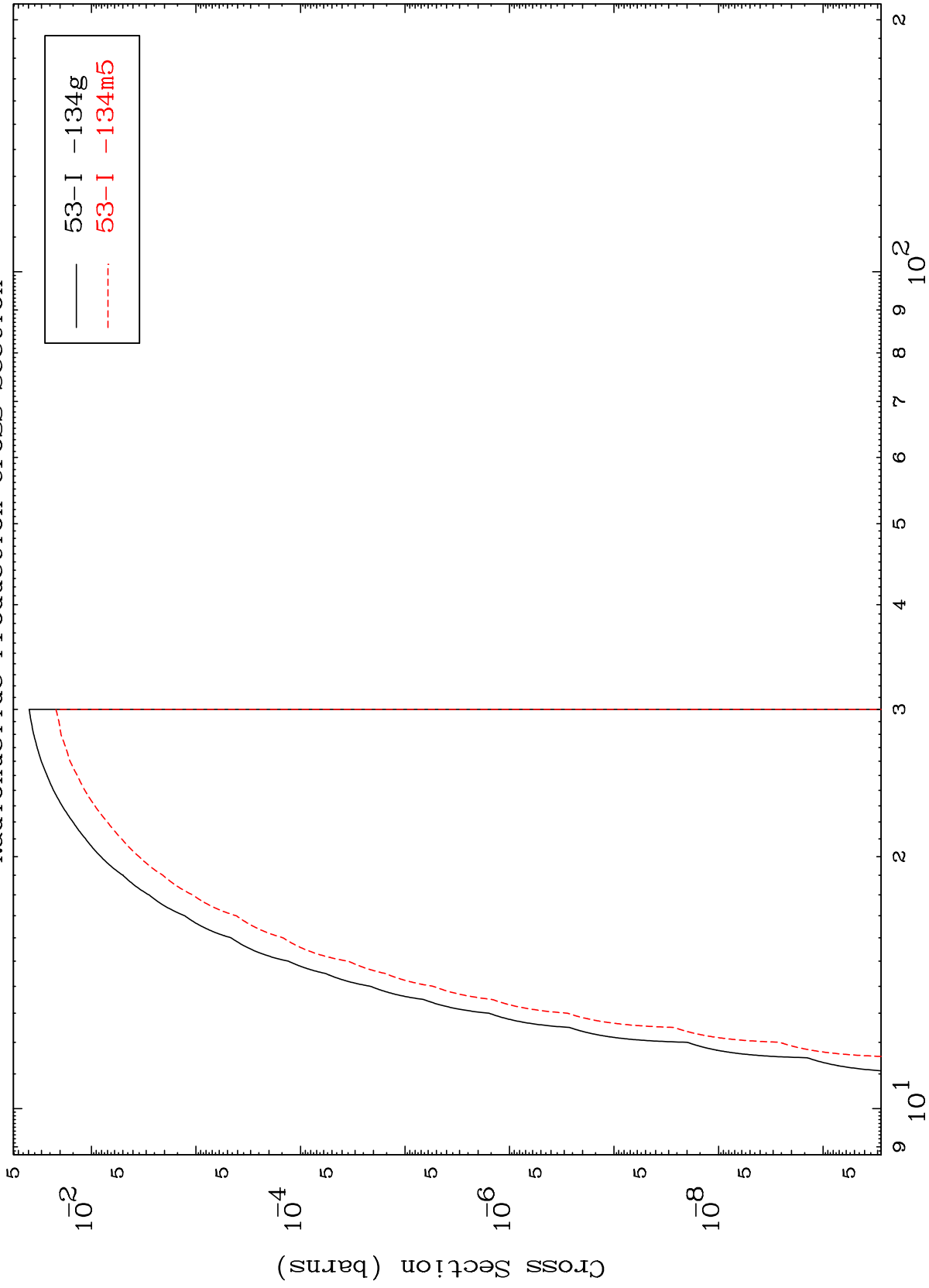
54-Xe-135

MAT 5459

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



25

Incident Energy (MeV)

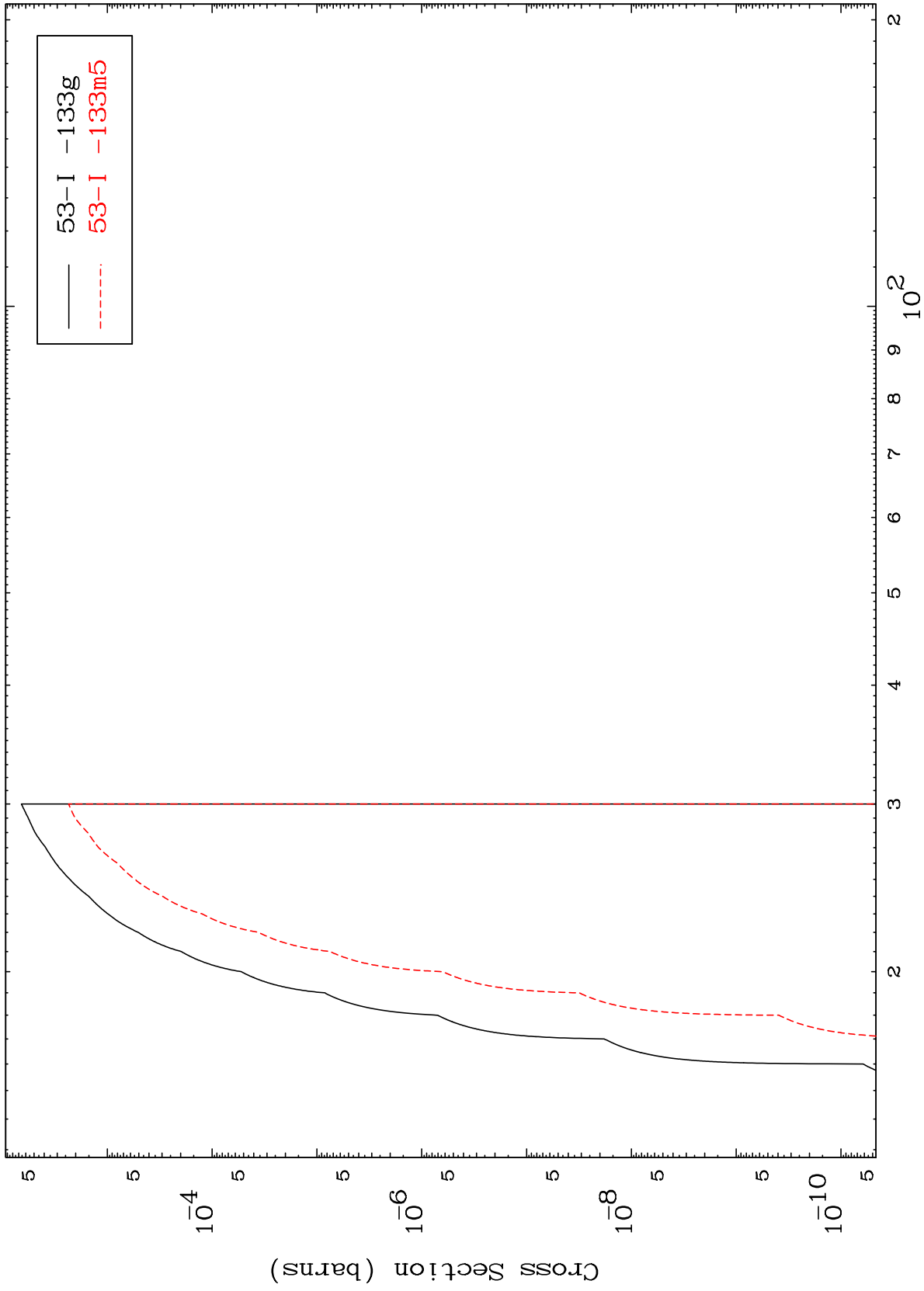
54-Xe-135

MAT 5459

(n,n') d

54-Xe-135

Radionuclide Production Cross Section



26

Incident Energy (MeV)

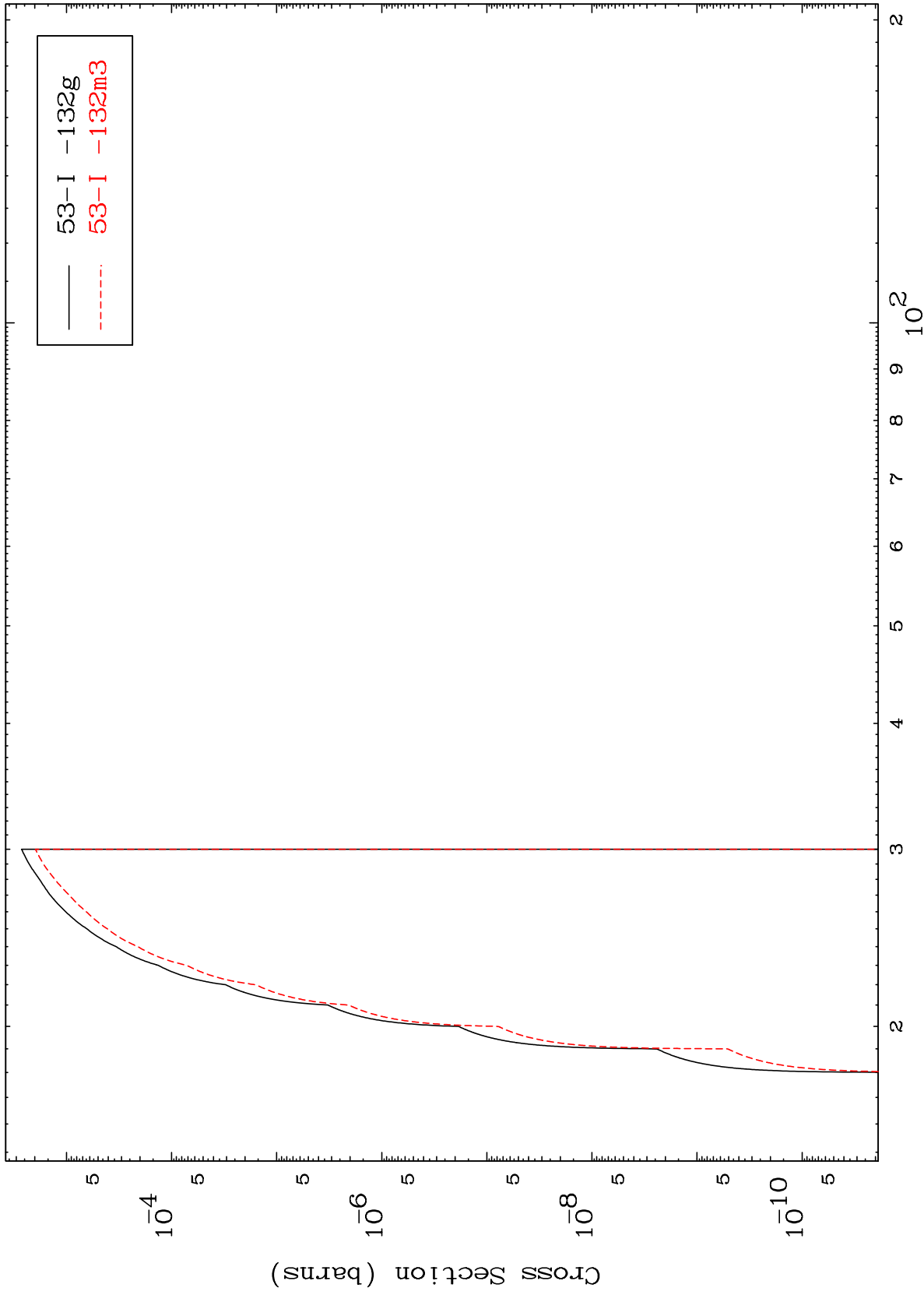
54-Xe-135

MAT 5459

(n,n') t

54-Xe-135

Radionuclide Production Cross Section



27

Incident Energy (MeV)

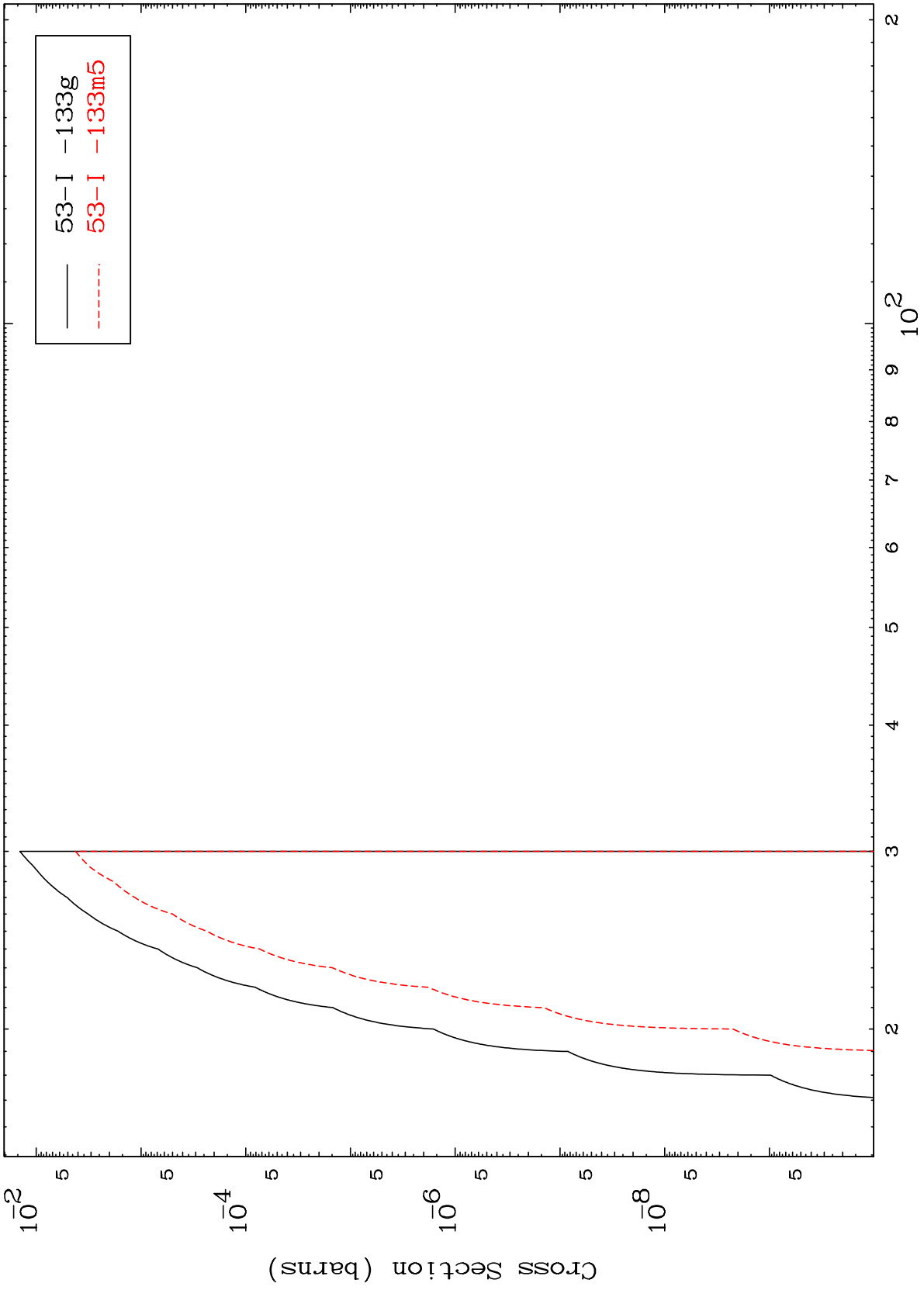
54-Xe-135

MAT 5459

(n,2n) p

54-Xe-135

Radionuclide Production Cross Section



28

Incident Energy (MeV)

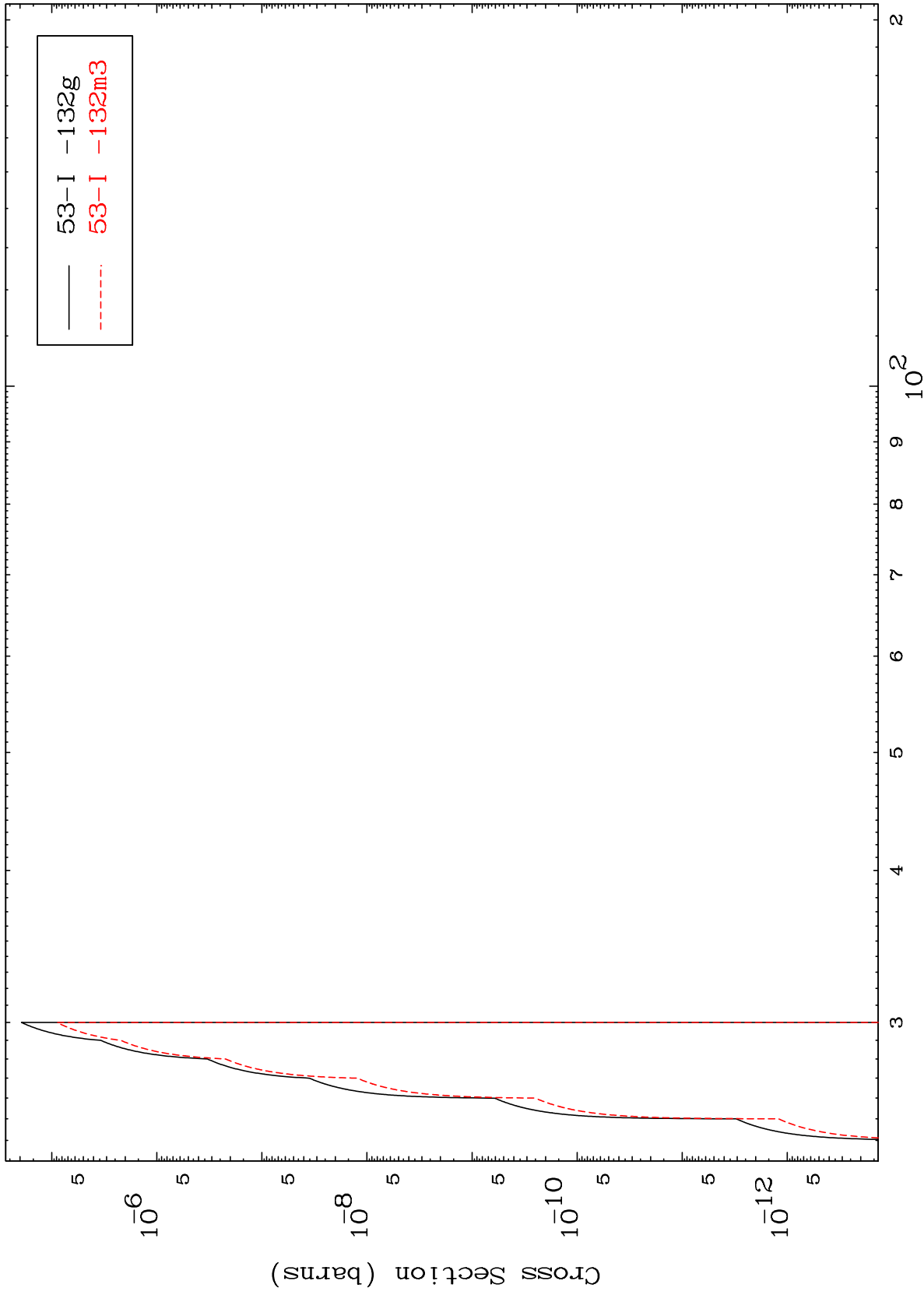
54-Xe-135

MAT 5459

(n,3n) p

54-Xe-135

Radionuclide Production Cross Section



29

Incident Energy (MeV)

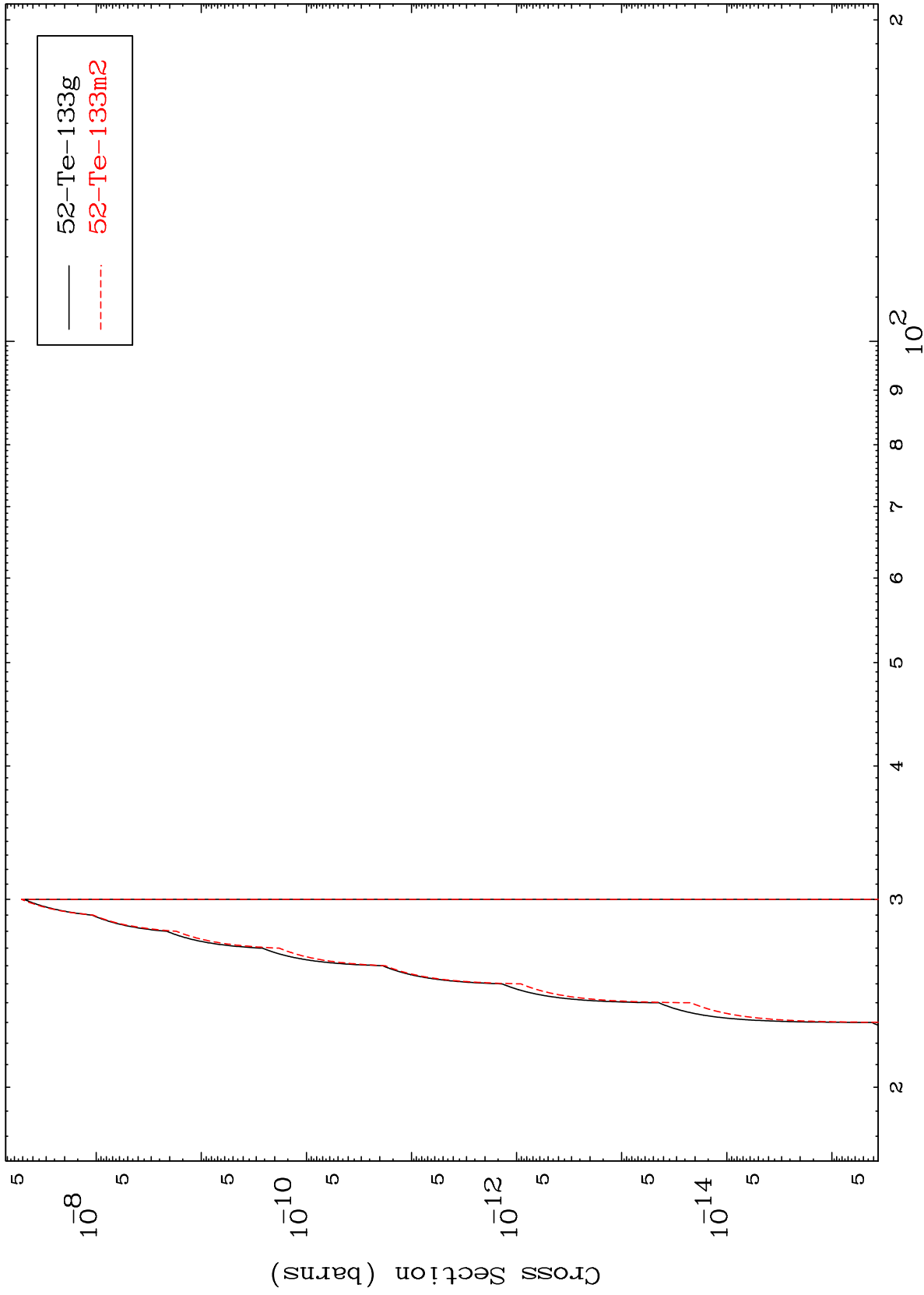
54-Xe-135

MAT 5459

(n,2n) p

54-Xe-135

Radionuclide Production Cross Section



30

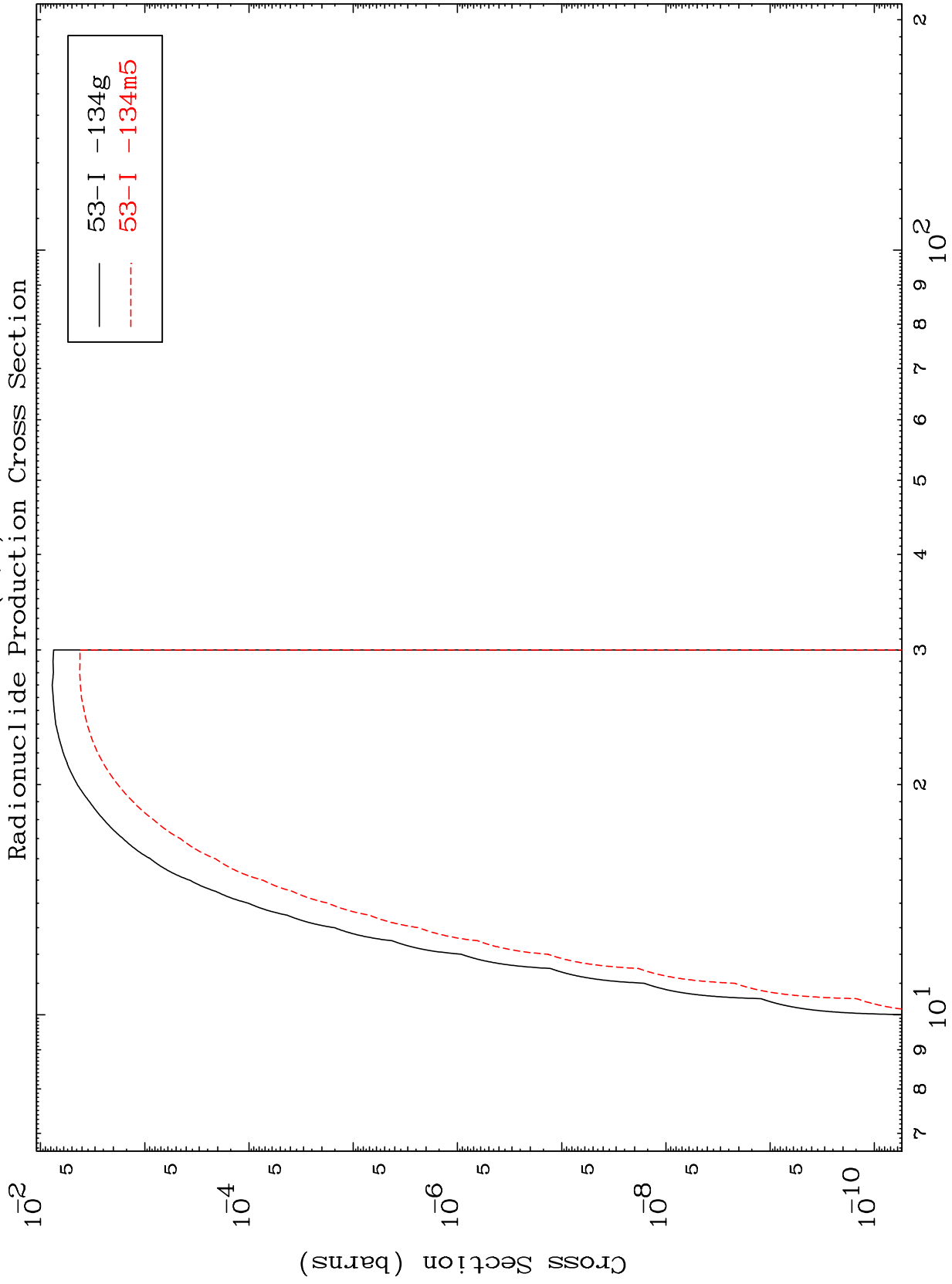
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,d)

54-Xe-135



31

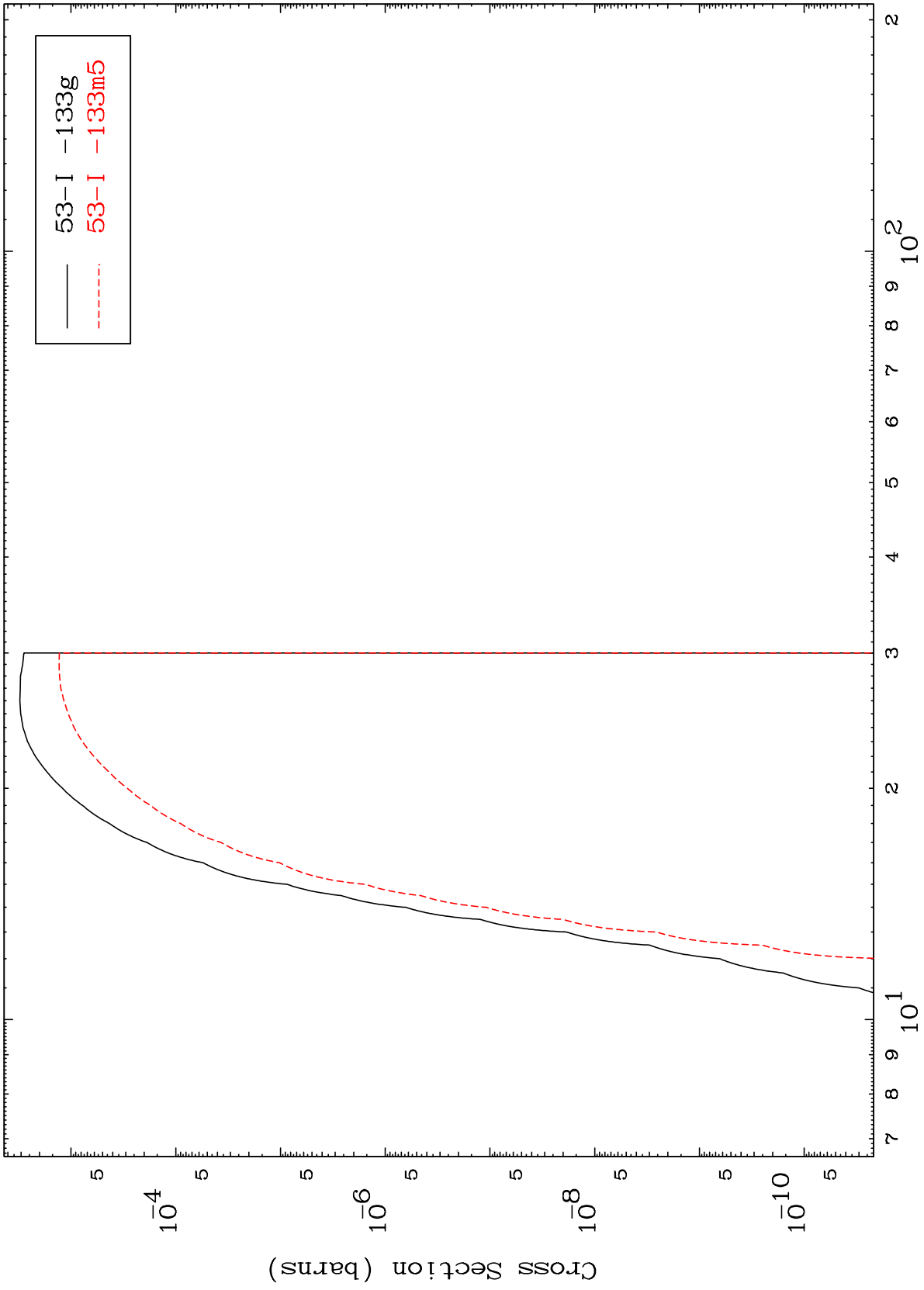
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(n, t)  
Radionuclide Production Cross Section



32

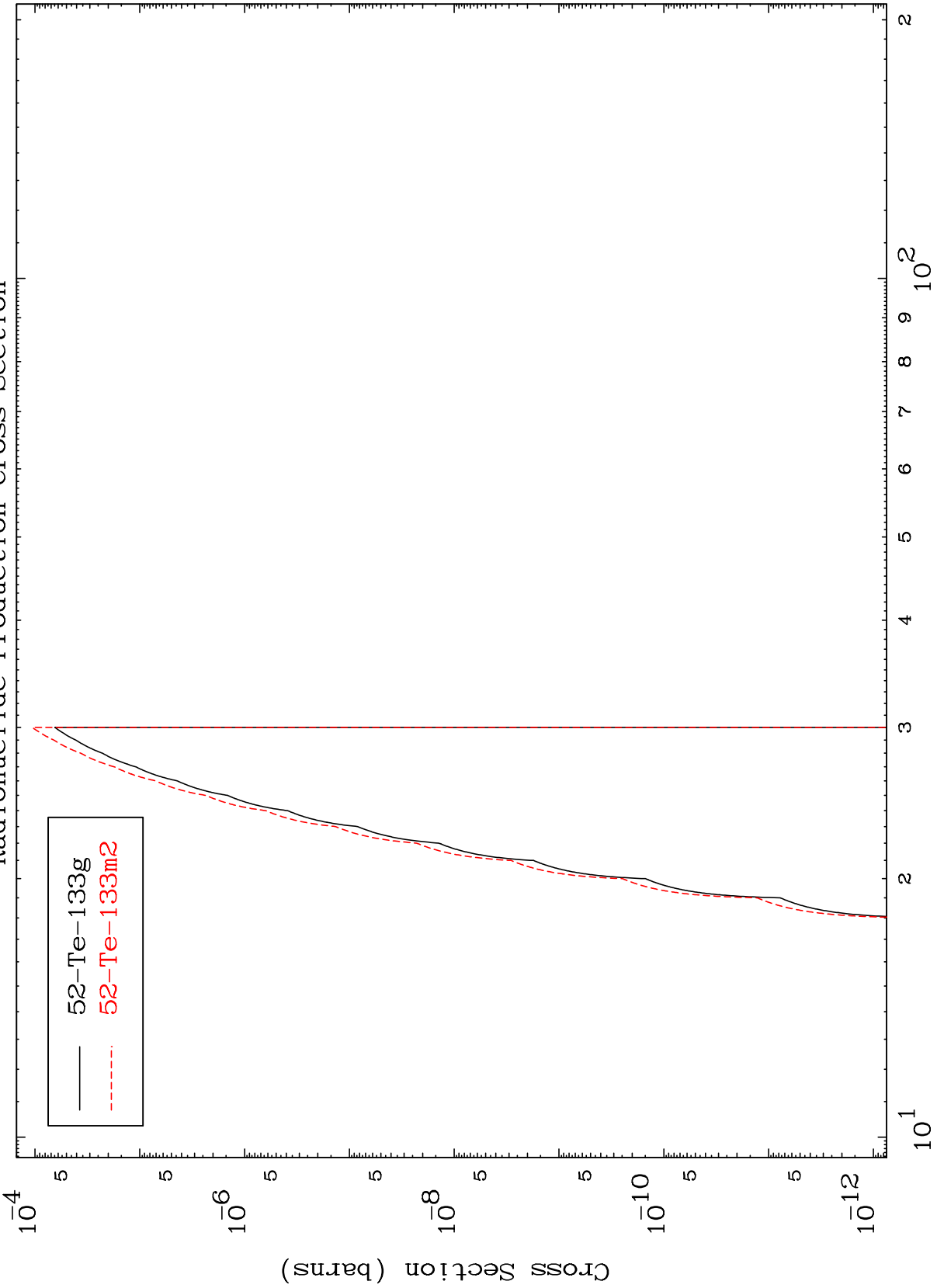
54-Xe-135

MAT 5459

(n,He-3)

54-Xe-135

Radionuclide Production Cross Section

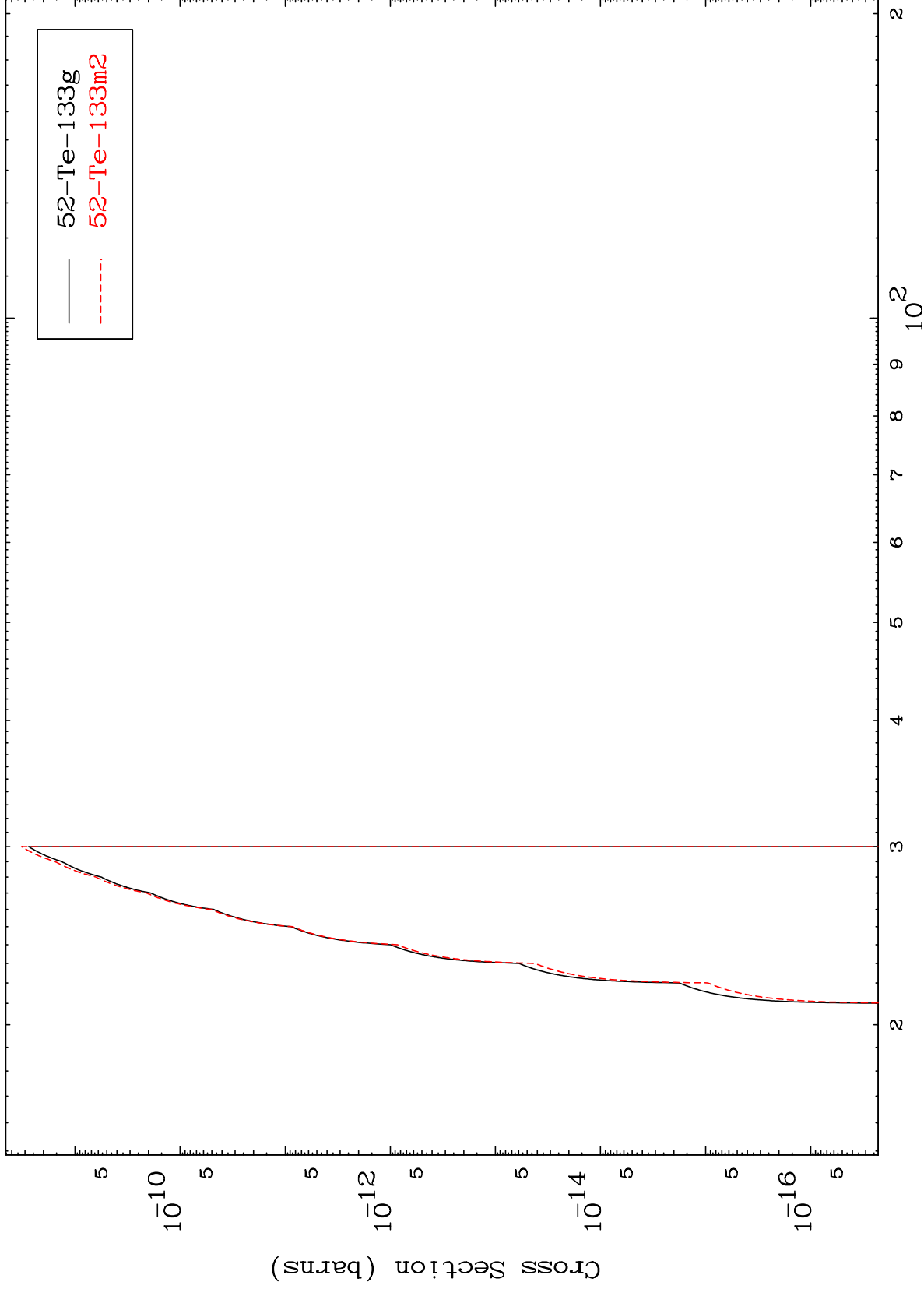


MAT 5459

(n,p) d

54-Xe-135

Radionuclide Production Cross Section



34

Incident Energy (MeV)

54-Xe-135