

Program EVALPLOT
(Version 2015-2)

by

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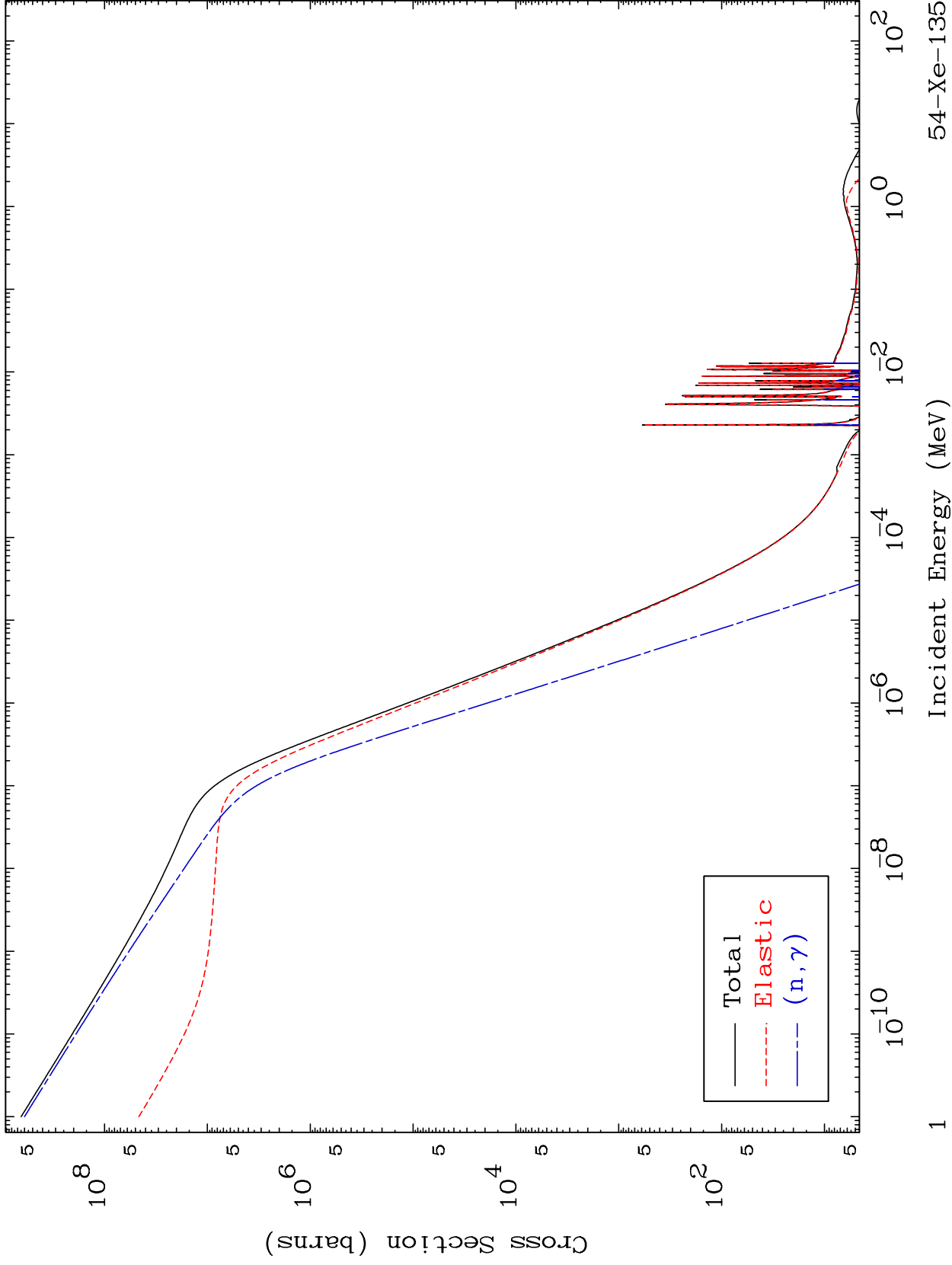
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5459

Major
293 Kelvin Cross Sections

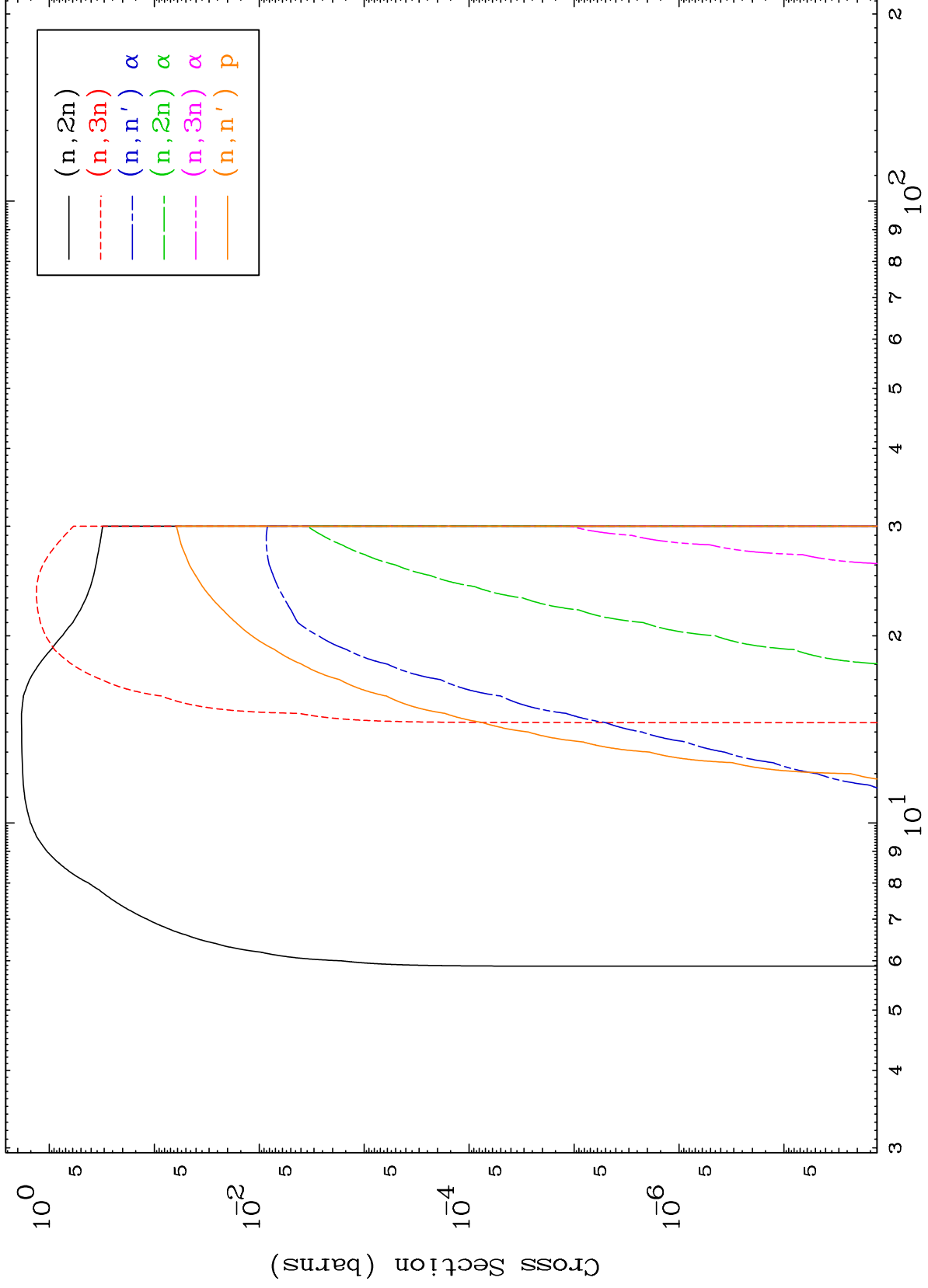
54-Xe-135



MAT 5459

Neutron Production
293 Kelvin Cross Sections

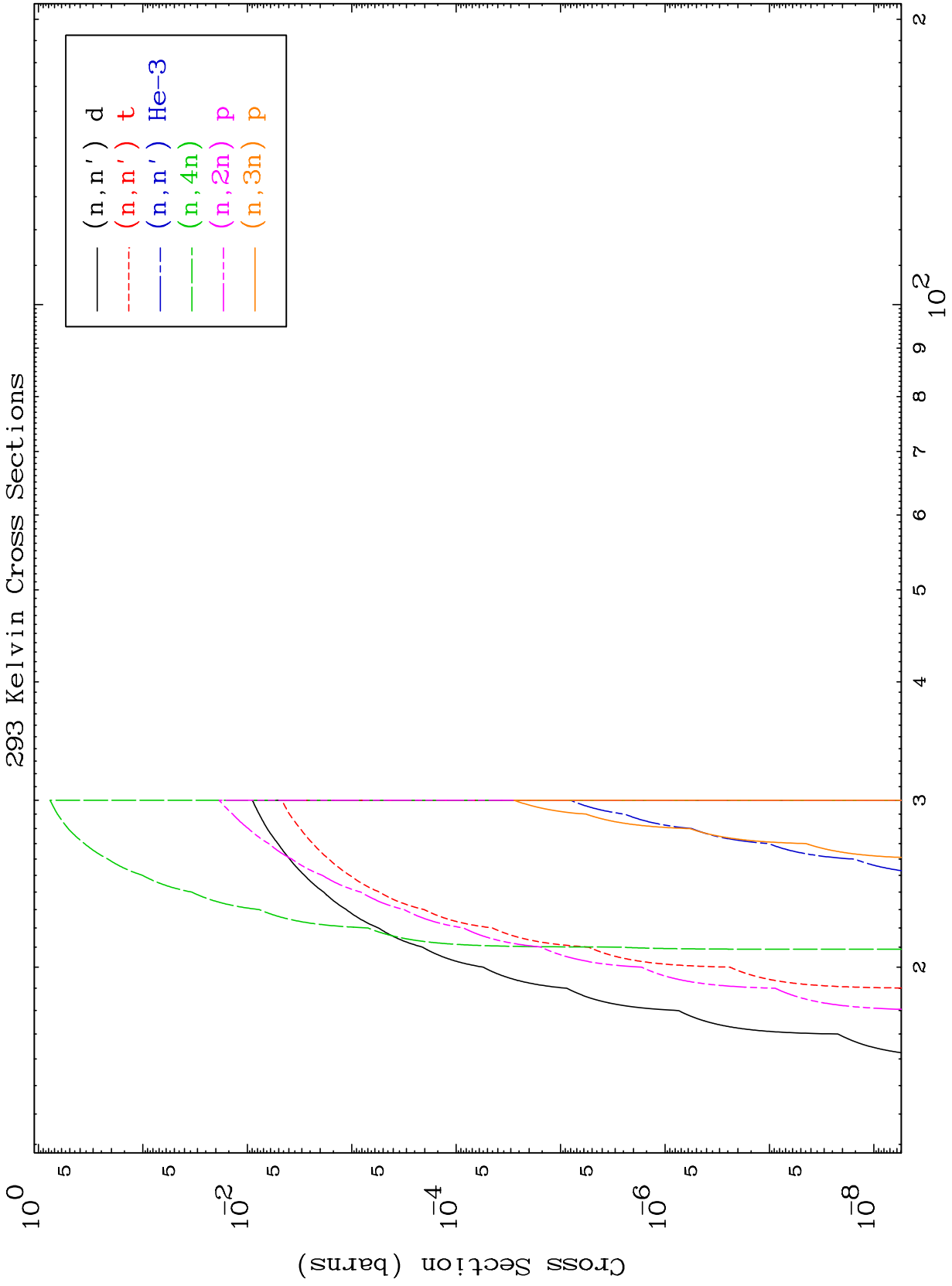
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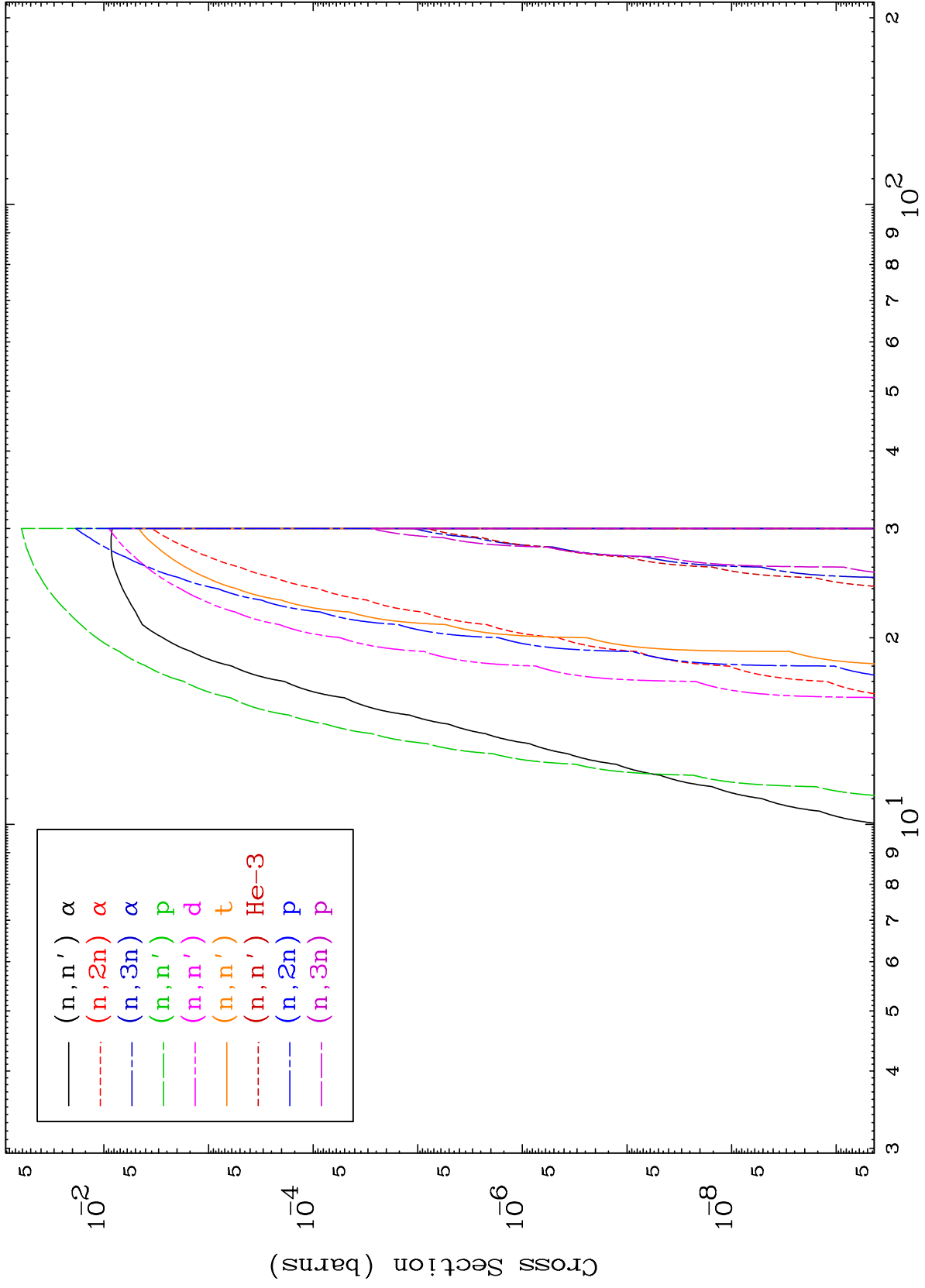


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Incident Energy (MeV)

54-Xe-135

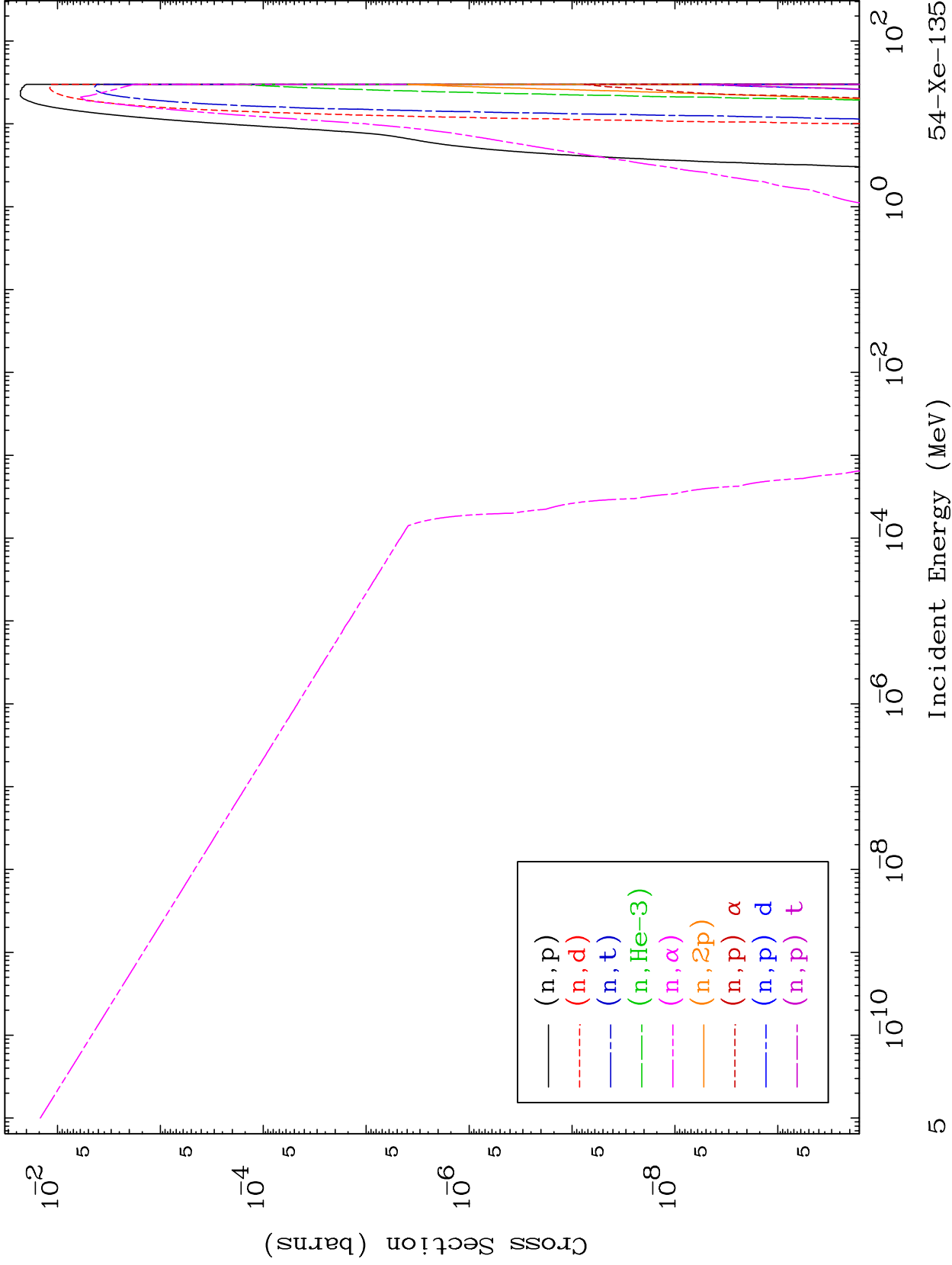




MAT 5459

Charged Particle
293 Kelvin Cross Sections

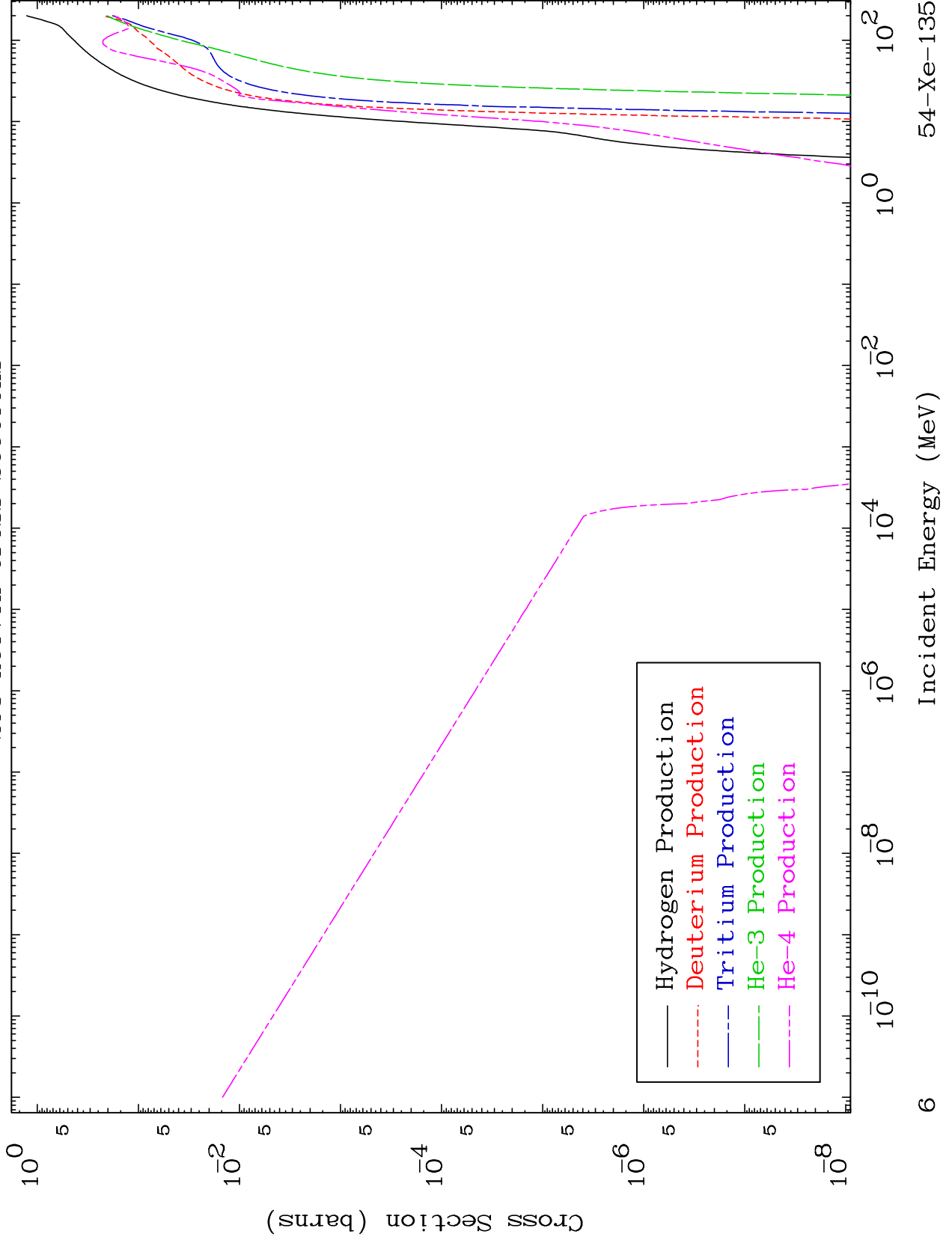
54-Xe-135



MAT 5459

Particle Production
293 Kelvin Cross Sections

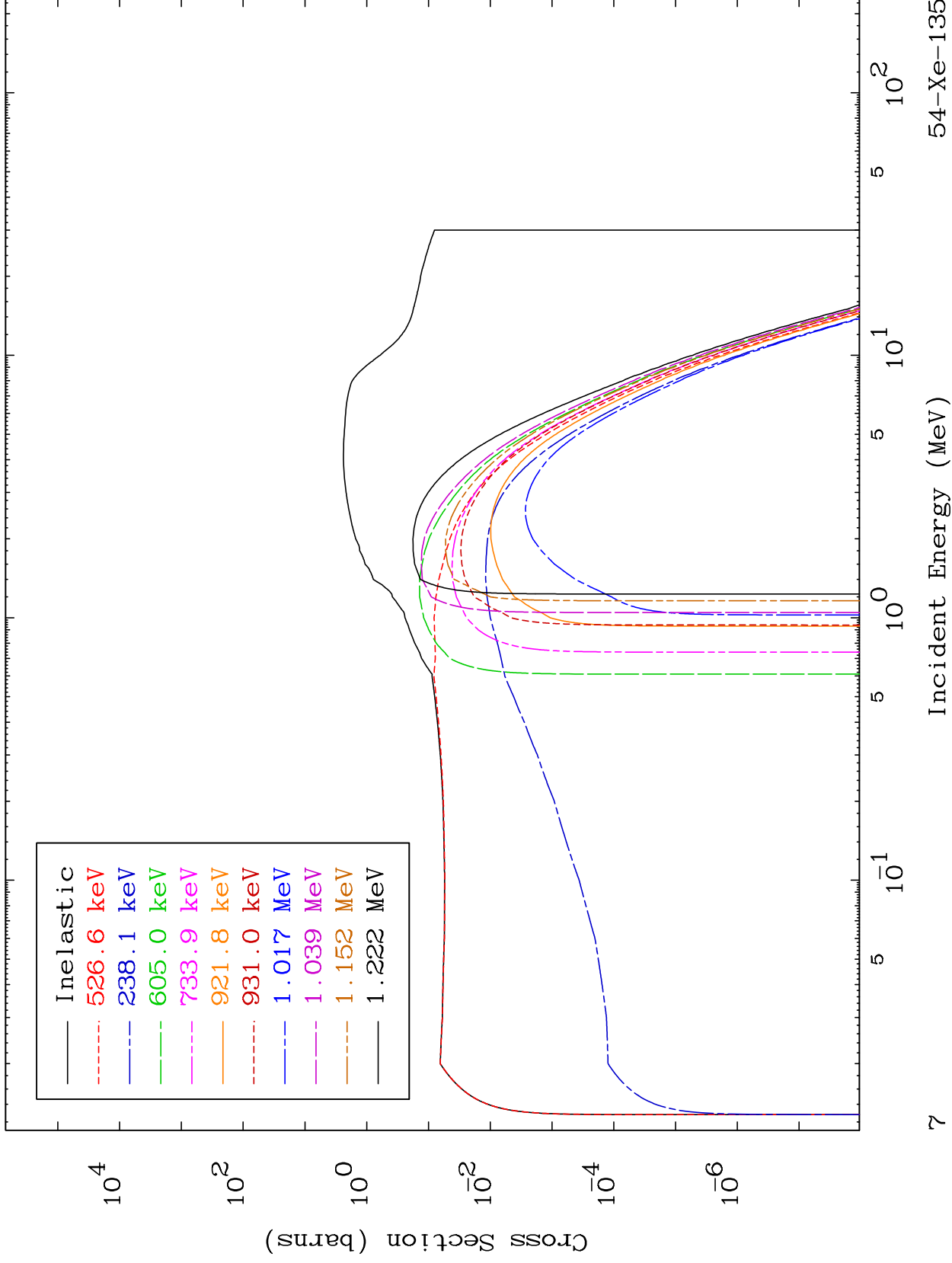
54-Xe-135



MAT 5459

(n,n') Level
293 Kelvin Cross Sections

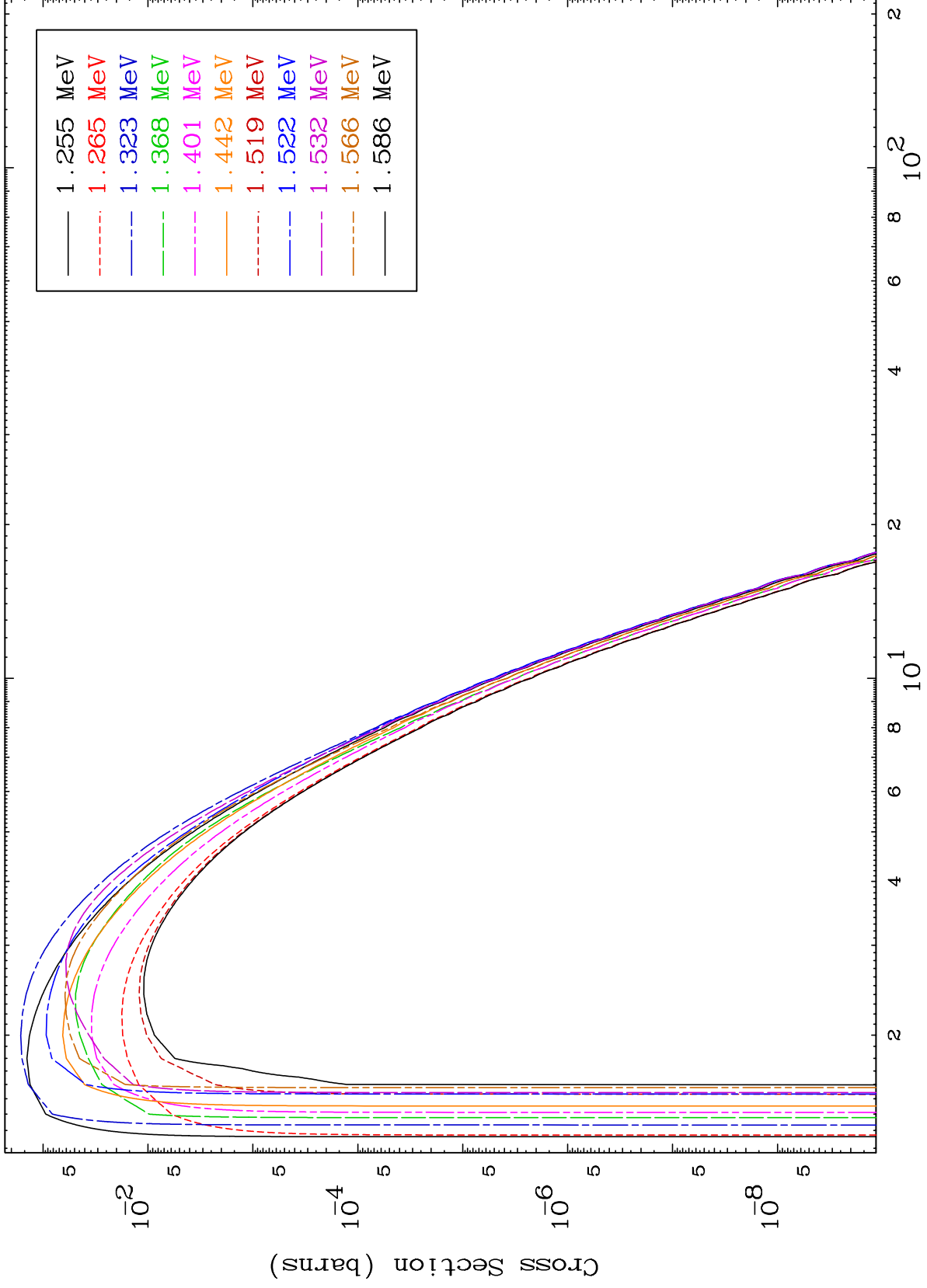
54-Xe-135



MAT 5459

(n,n') Level
293 Kelvin Cross Sections

54-Xe-135



8

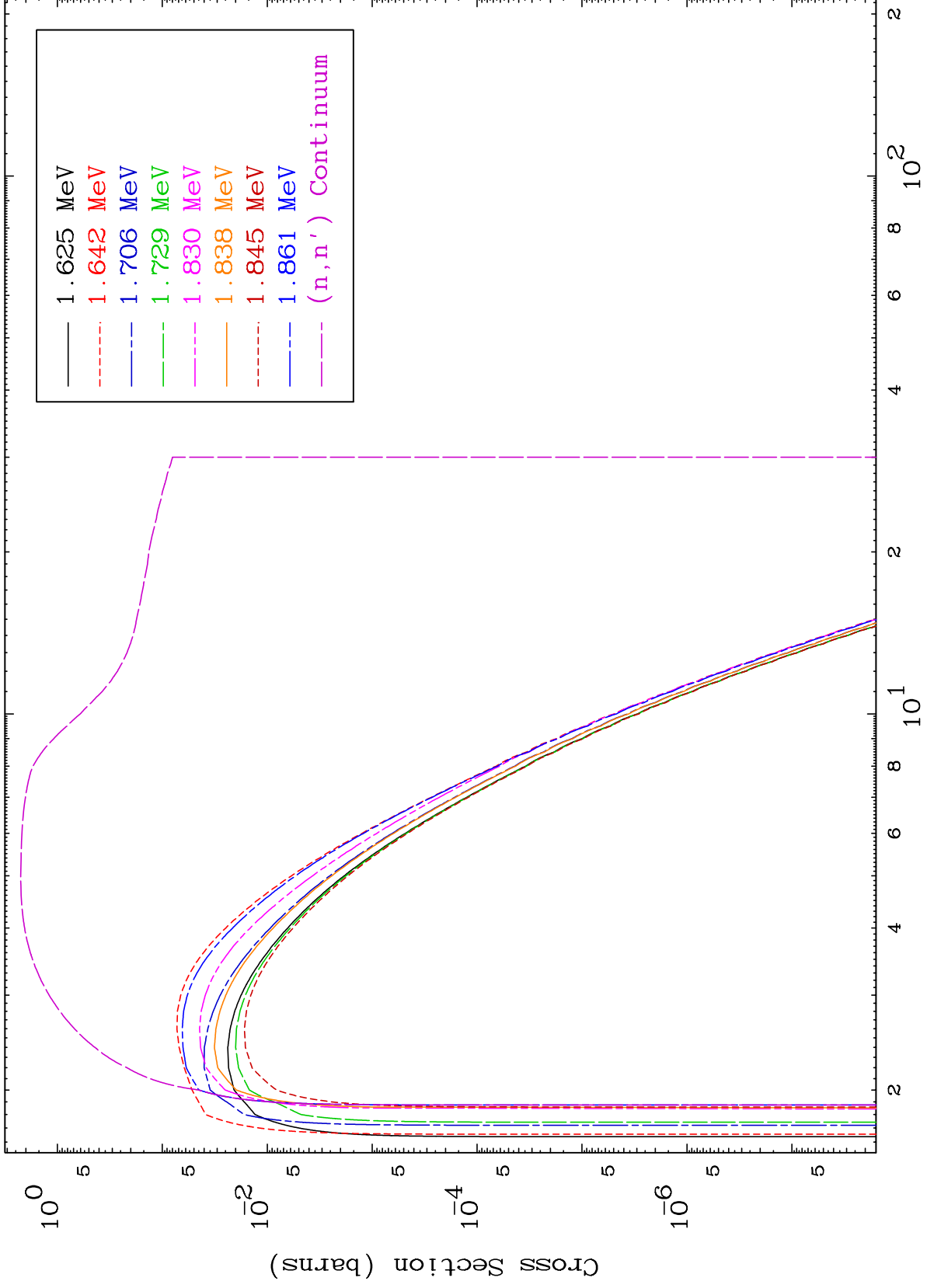
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,n') Level
293 Kelvin Cross Sections

54-Xe-135



9

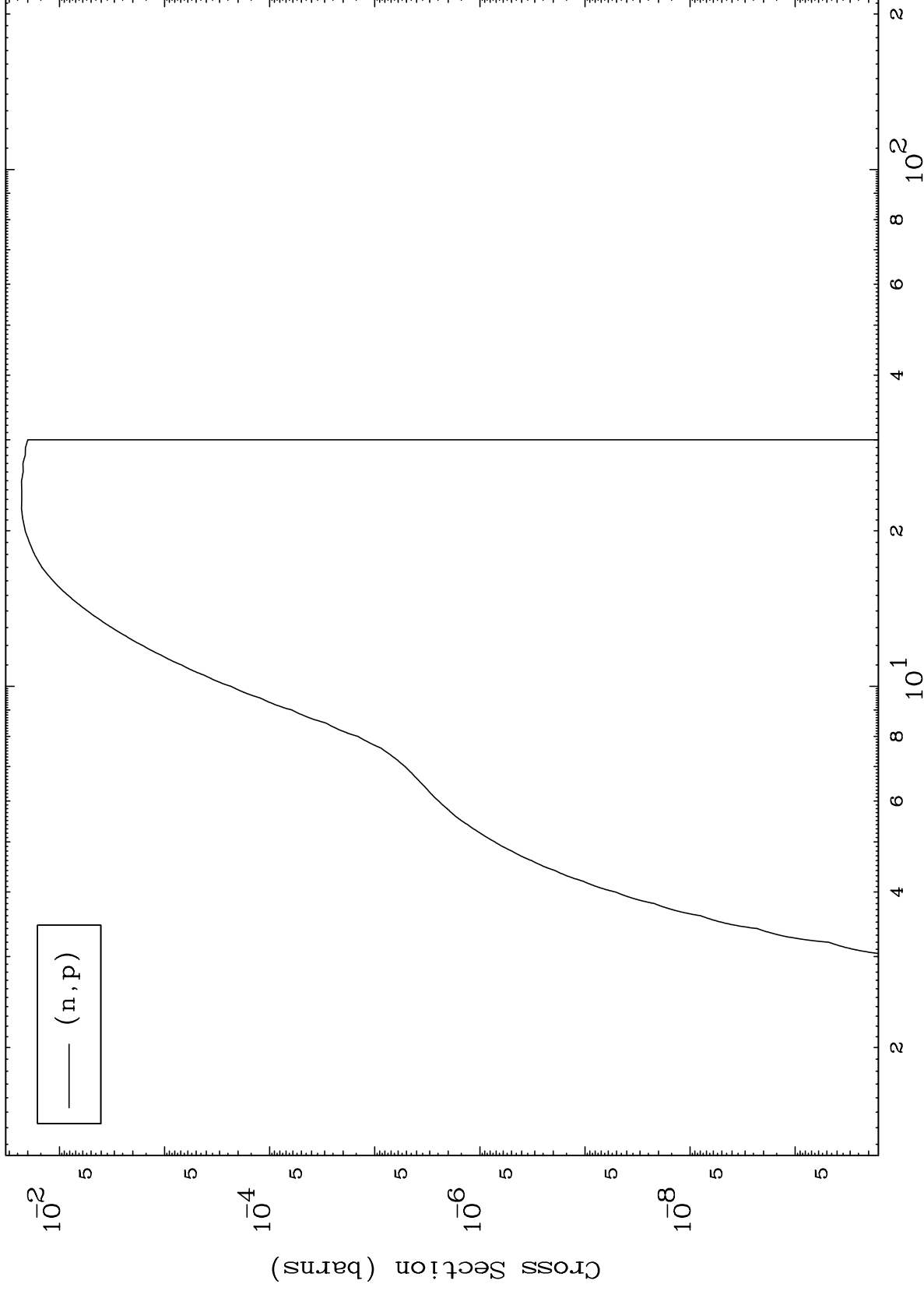
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-135



10

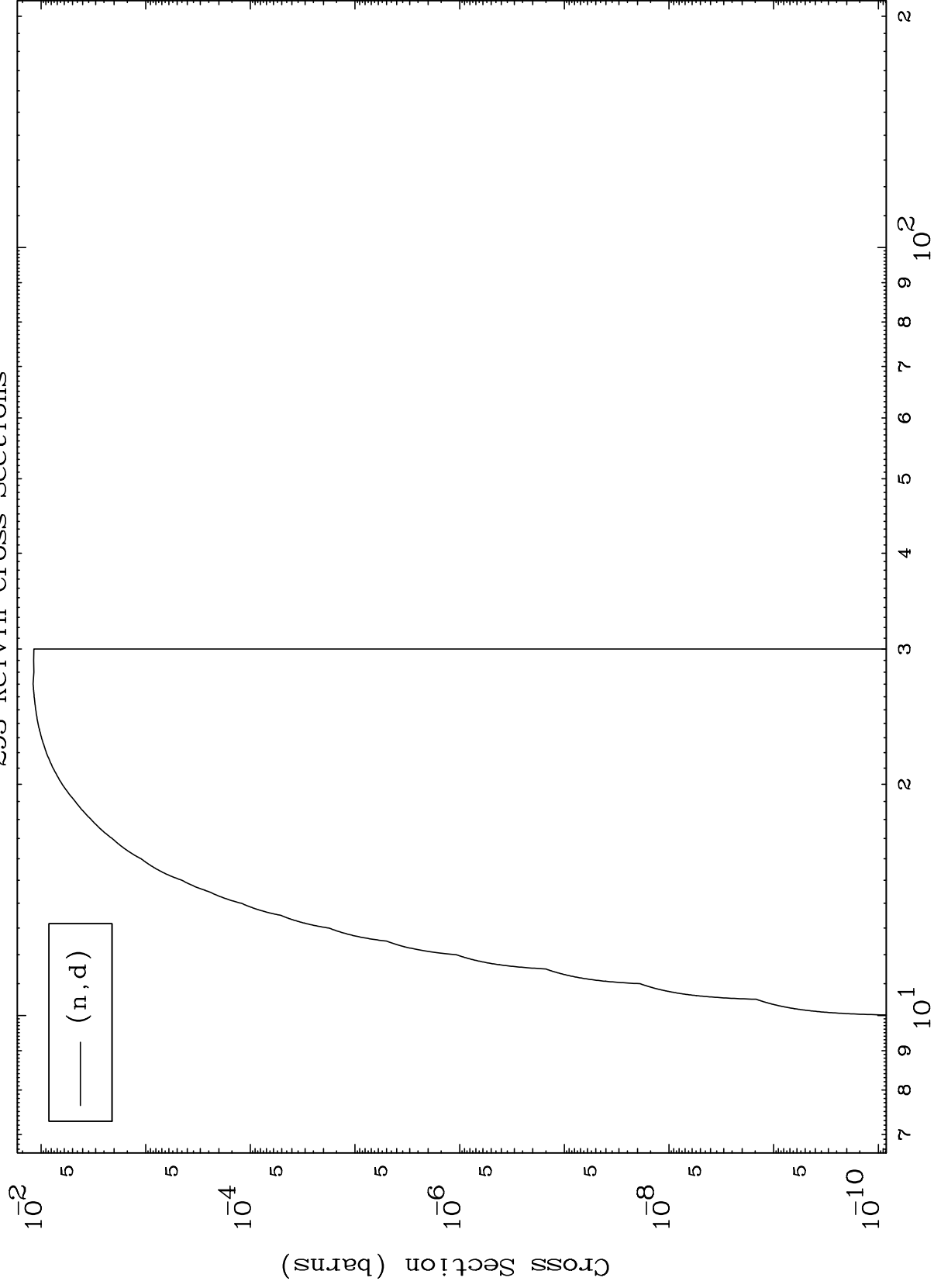
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-135



11

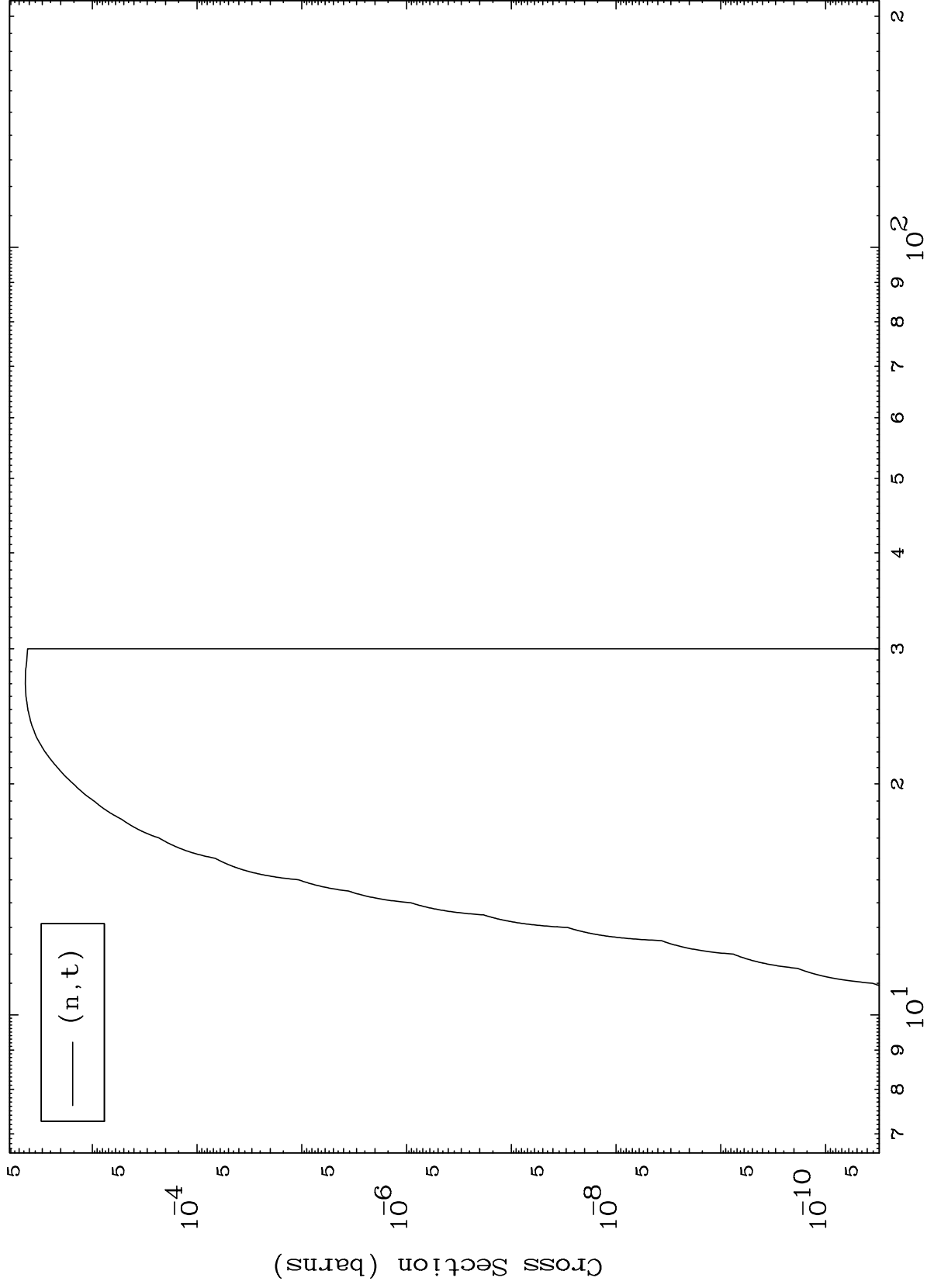
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-135



12

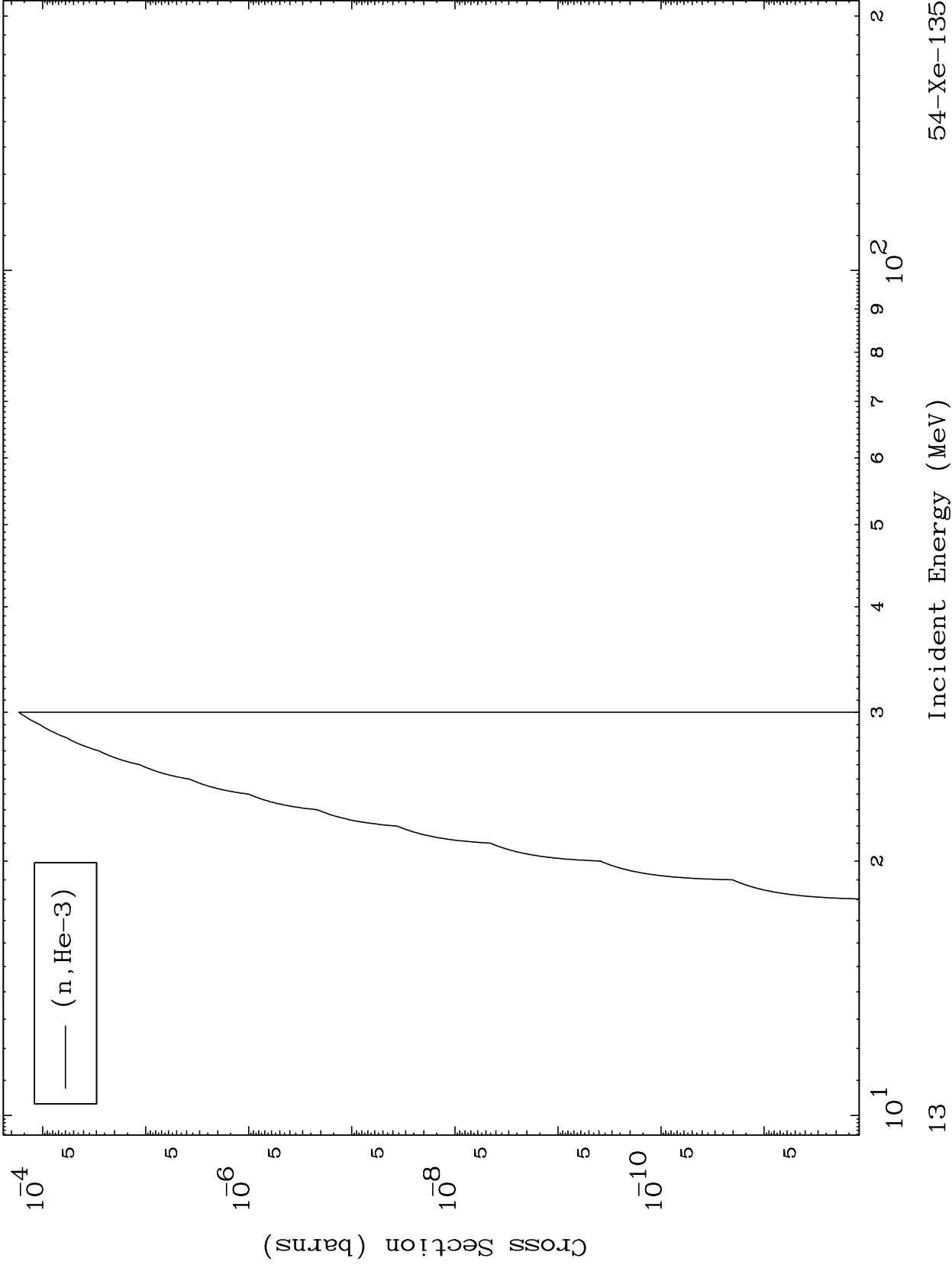
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-135



54-Xe-135

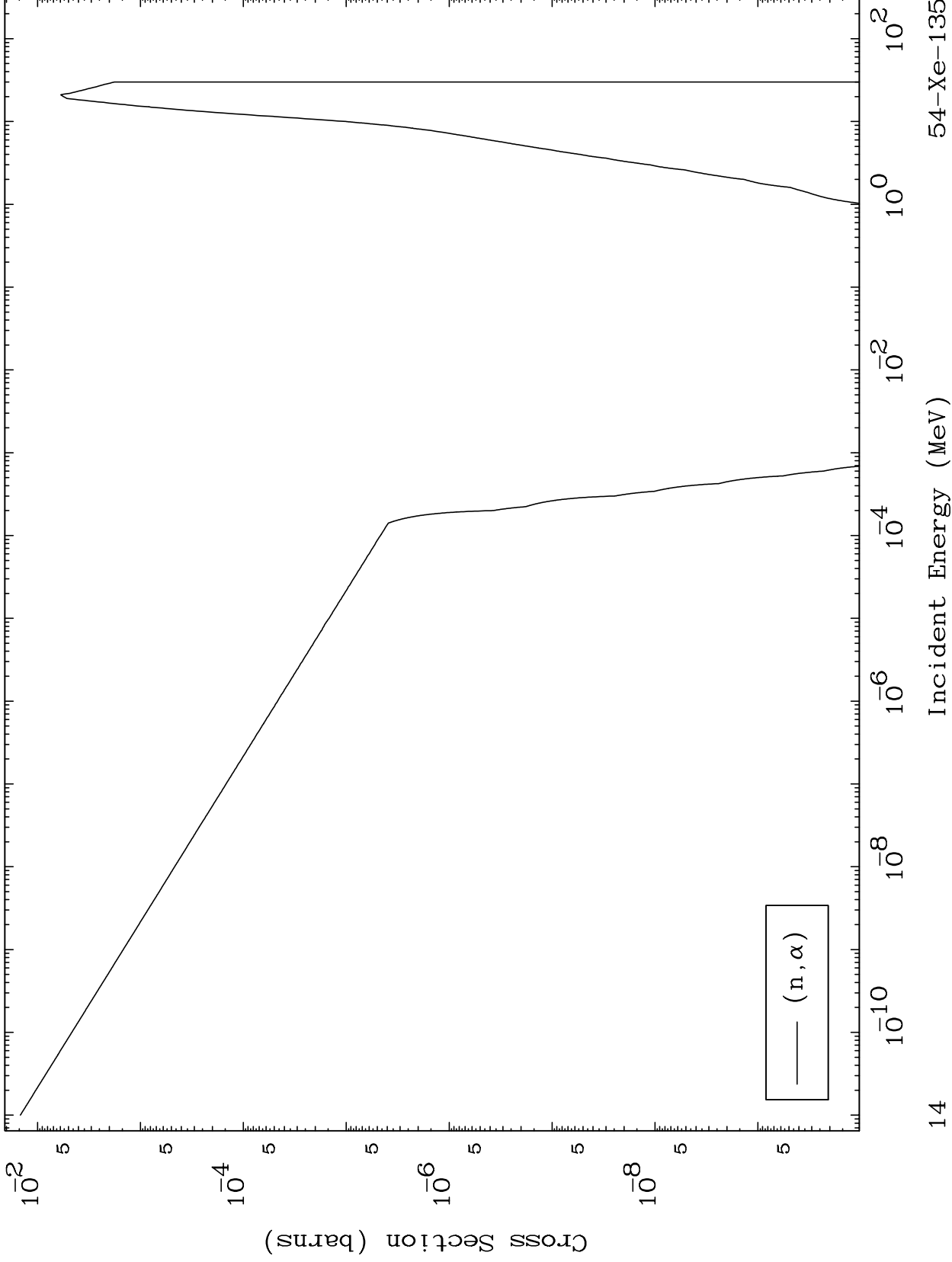
Incident Energy (MeV)

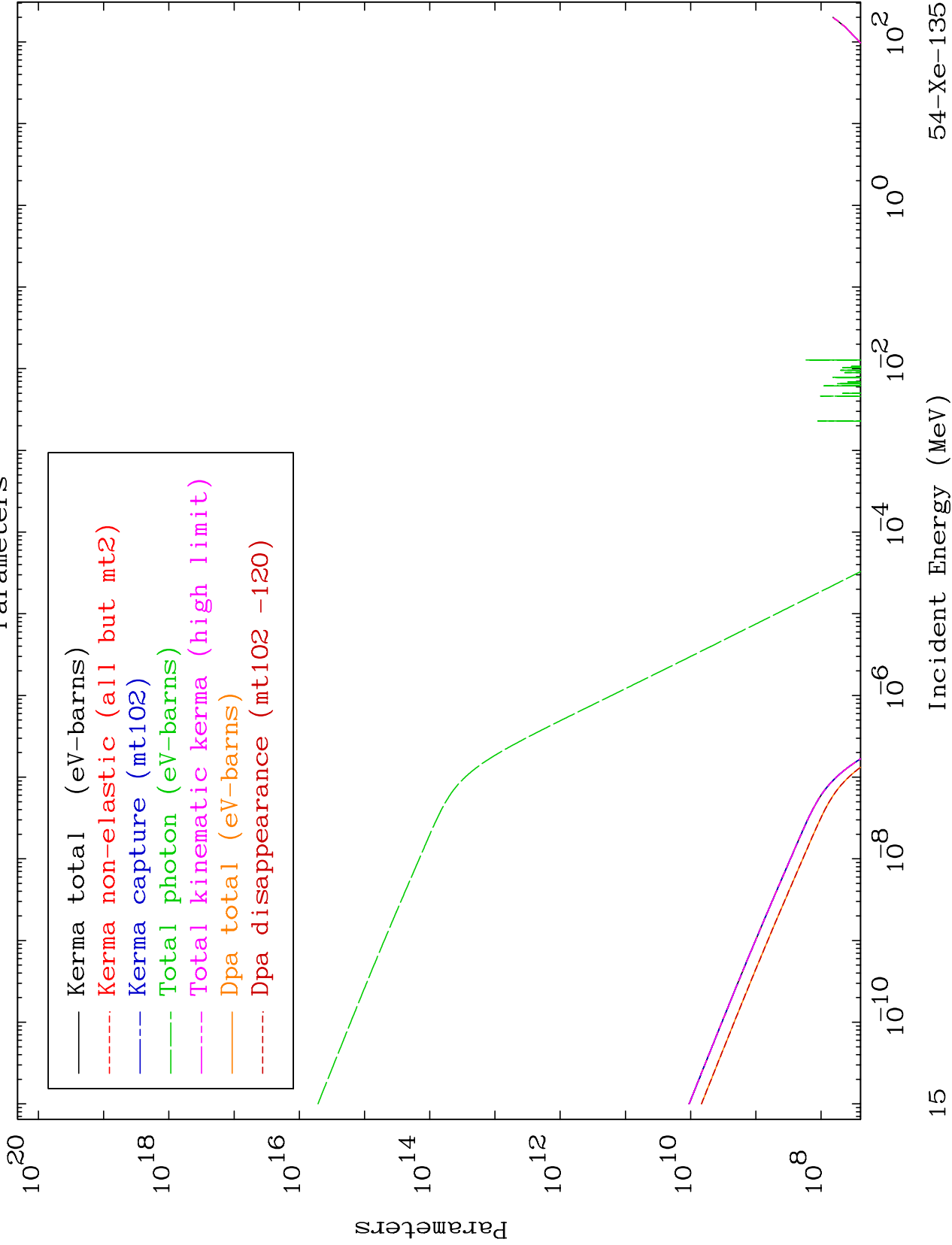
13

MAT 5459

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-135

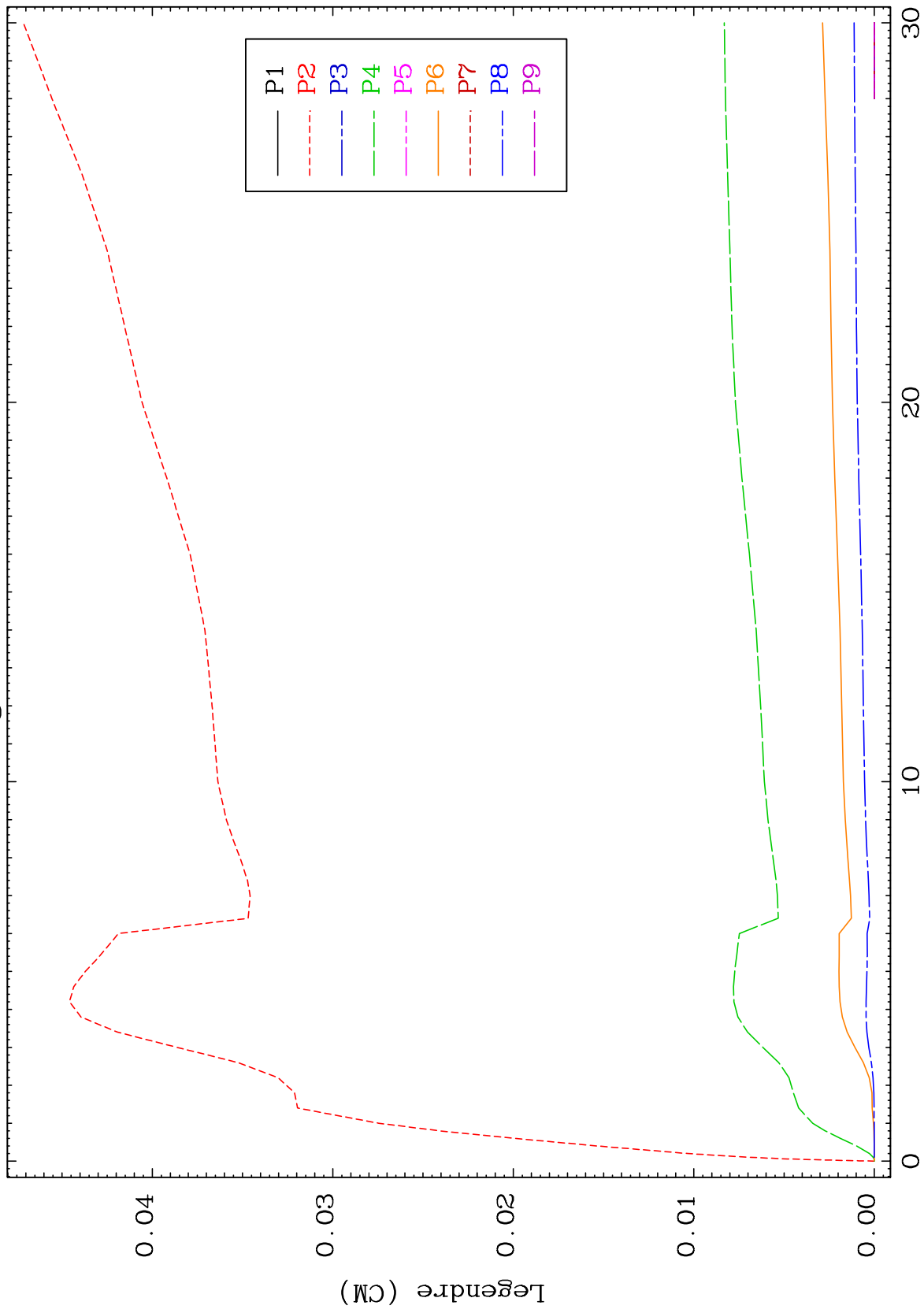




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Elastic
Legendre Coefficients

54-Xe-135



16

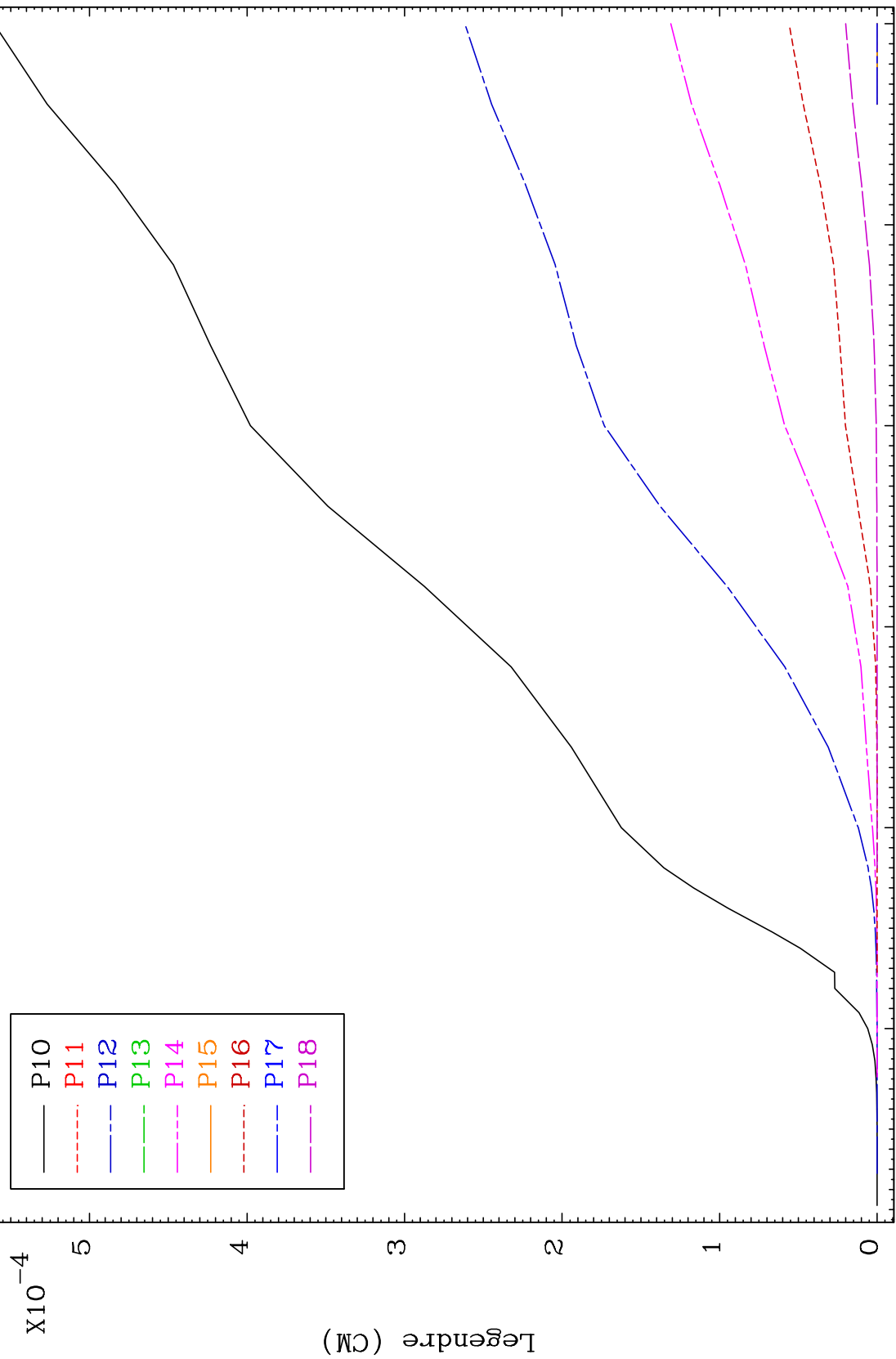
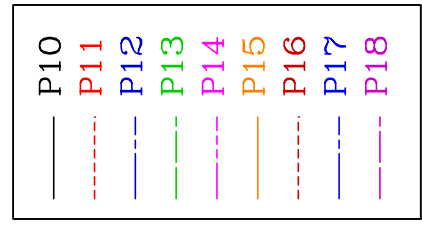
Incident Energy (MeV)

54-Xe-135

MAT 5459

Elastic Legendre Coefficients

54-Xe-135



17

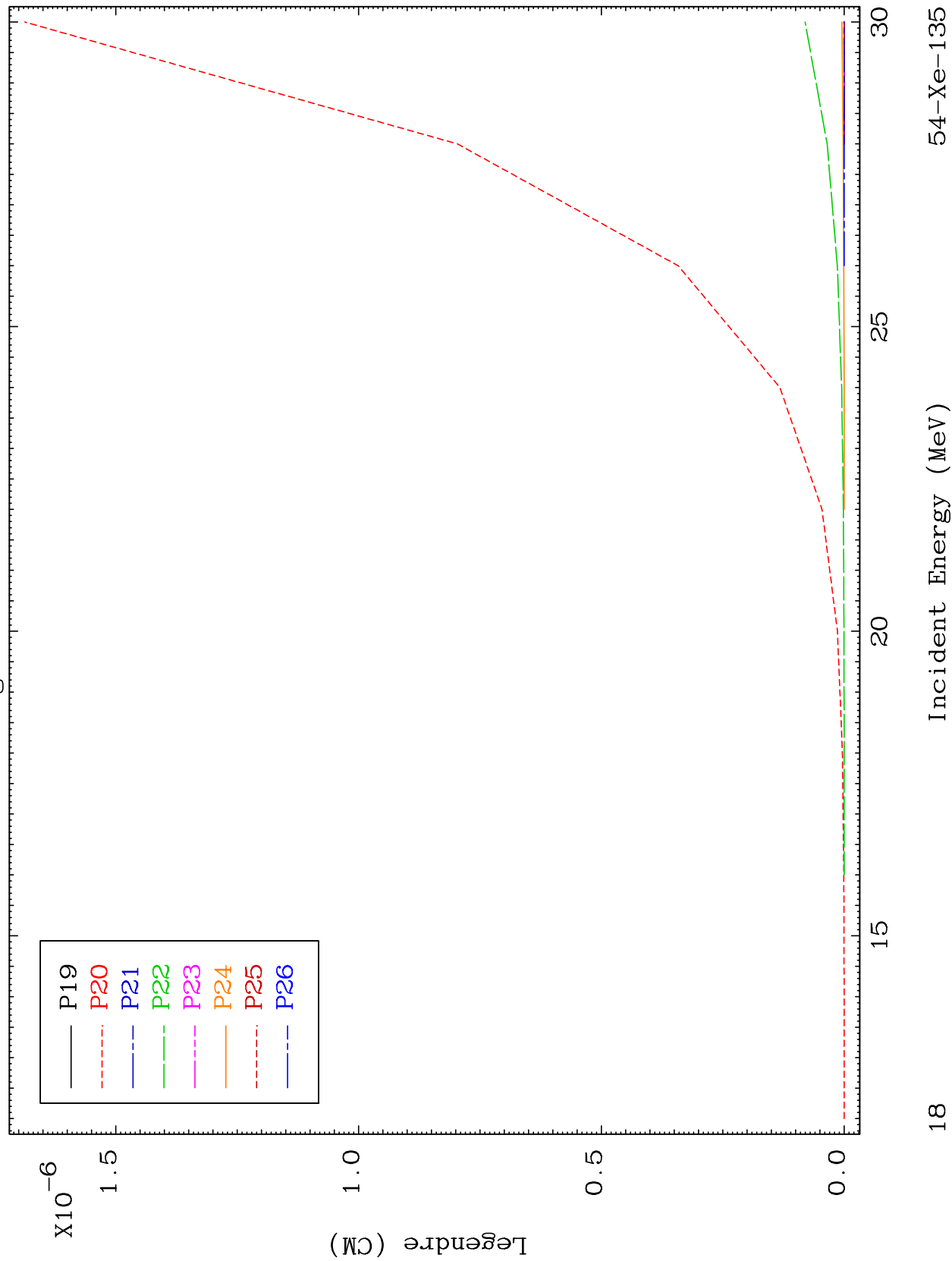
Incident Energy (MeV)

54-Xe-135

MAT 5459

Elastic
Legendre Coefficients

54-Xe-135



18

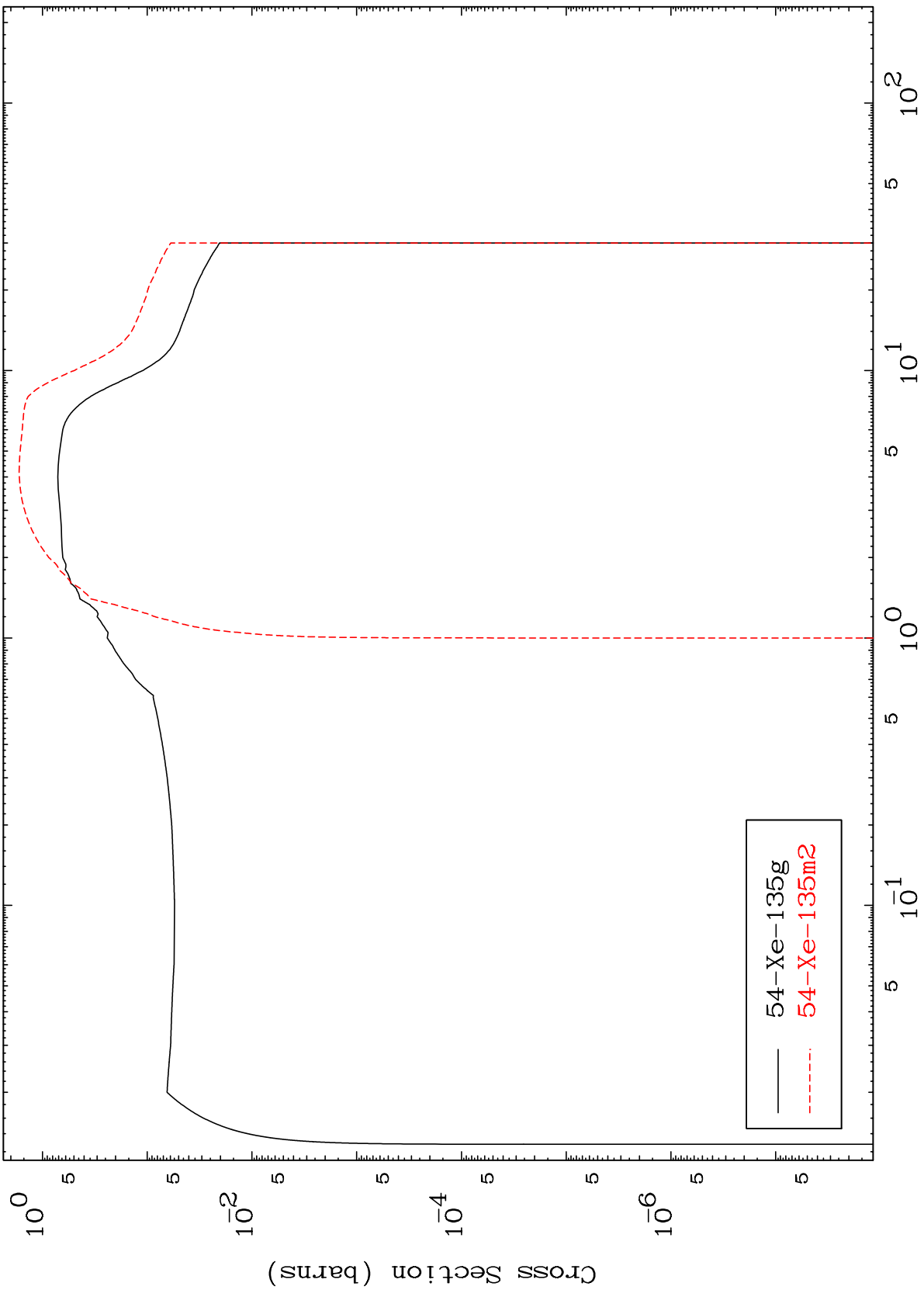
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

Inelastic
Radionuclide Production Cross Section



54-Xe-135

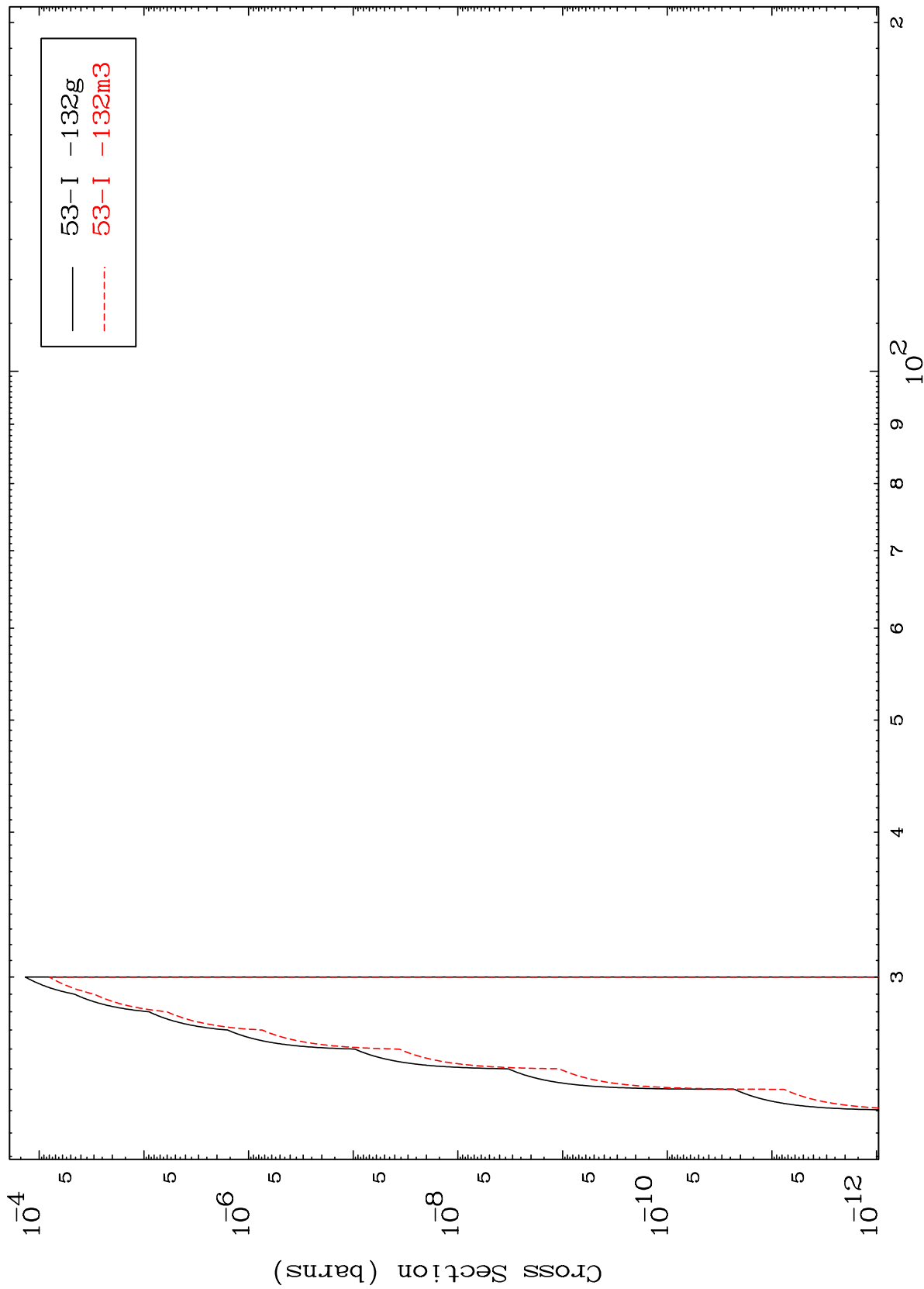
Incident Energy (MeV)

MAT 5459

(n,2n) d

54-Xe-135

Radionuclide Production Cross Section



20

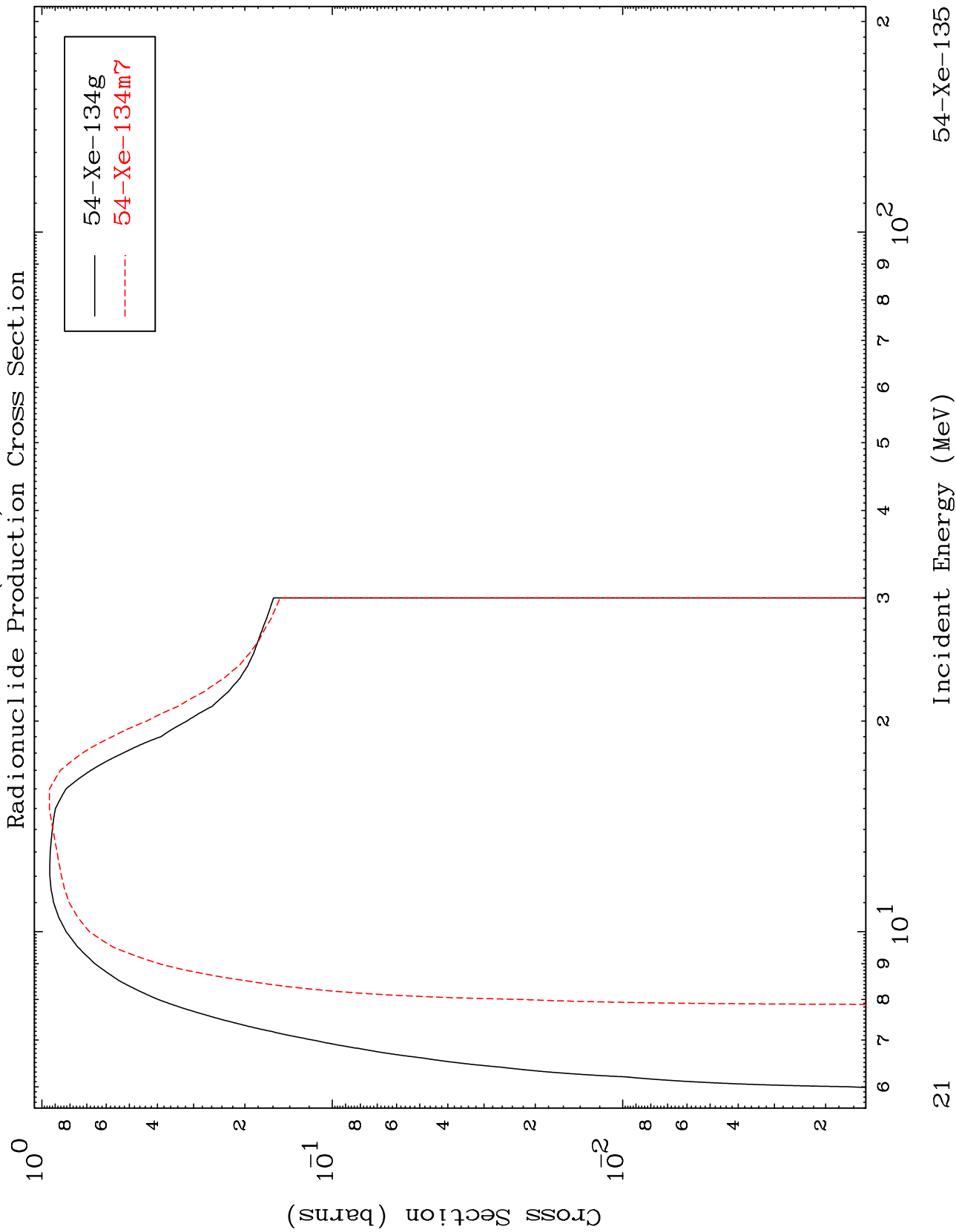
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(n,2n)



21

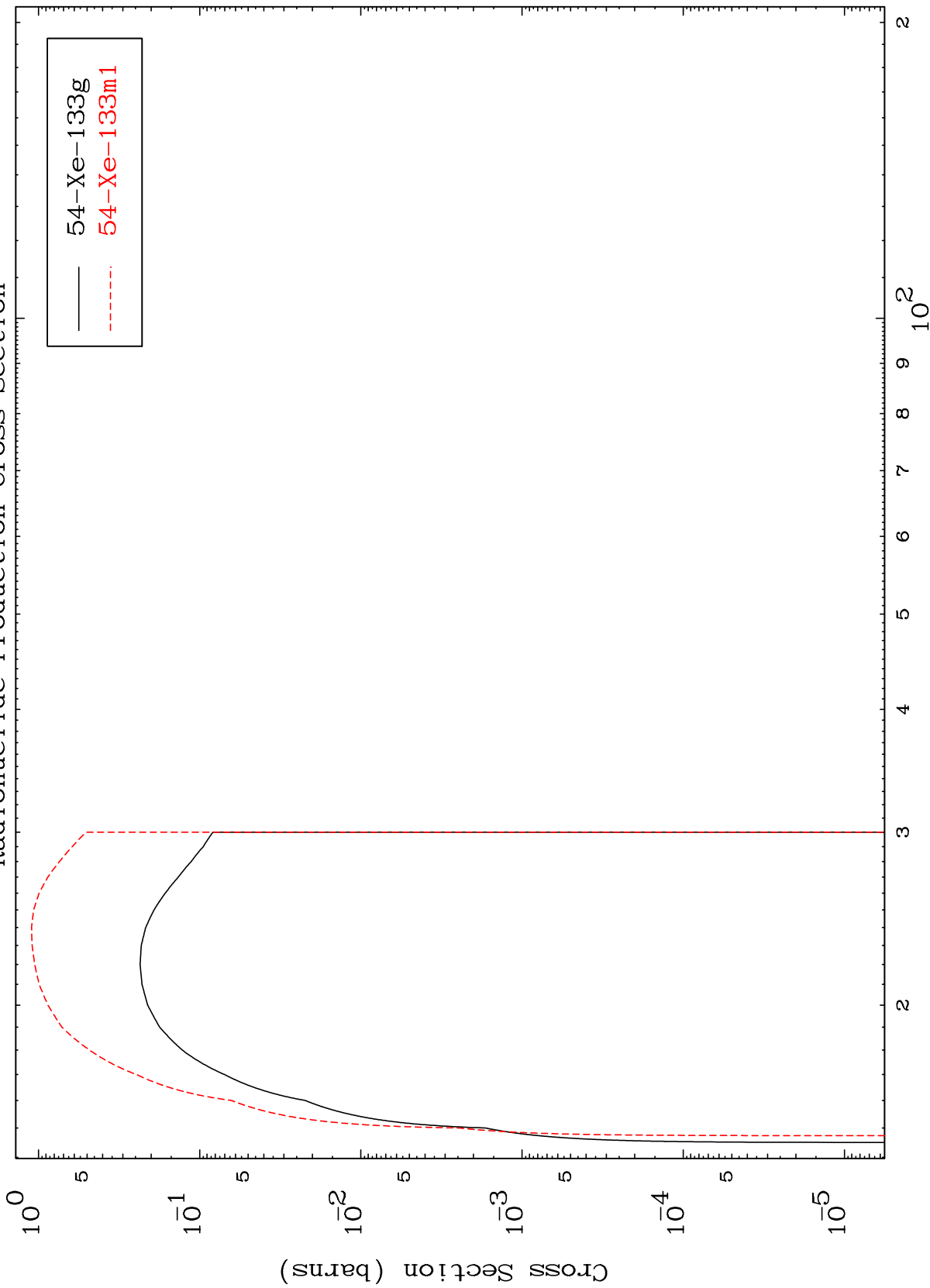
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(n,3n)
Radionuclide Production Cross Section



22

54-Xe-135

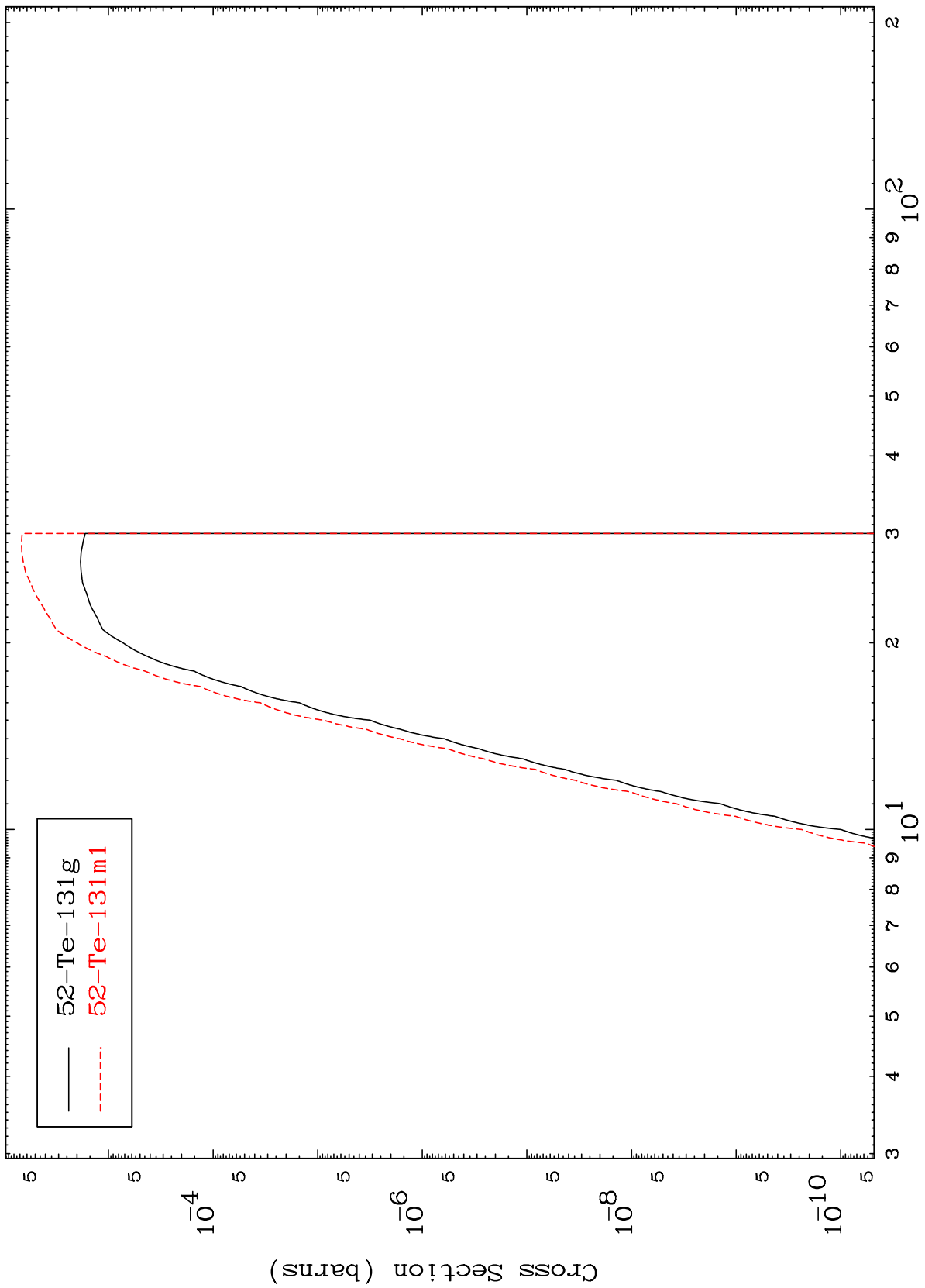
Incident Energy (MeV)

MAT 5459

54-Xe-135

(n,n') α

Radionuclide Production Cross Section



23

54-Xe-135

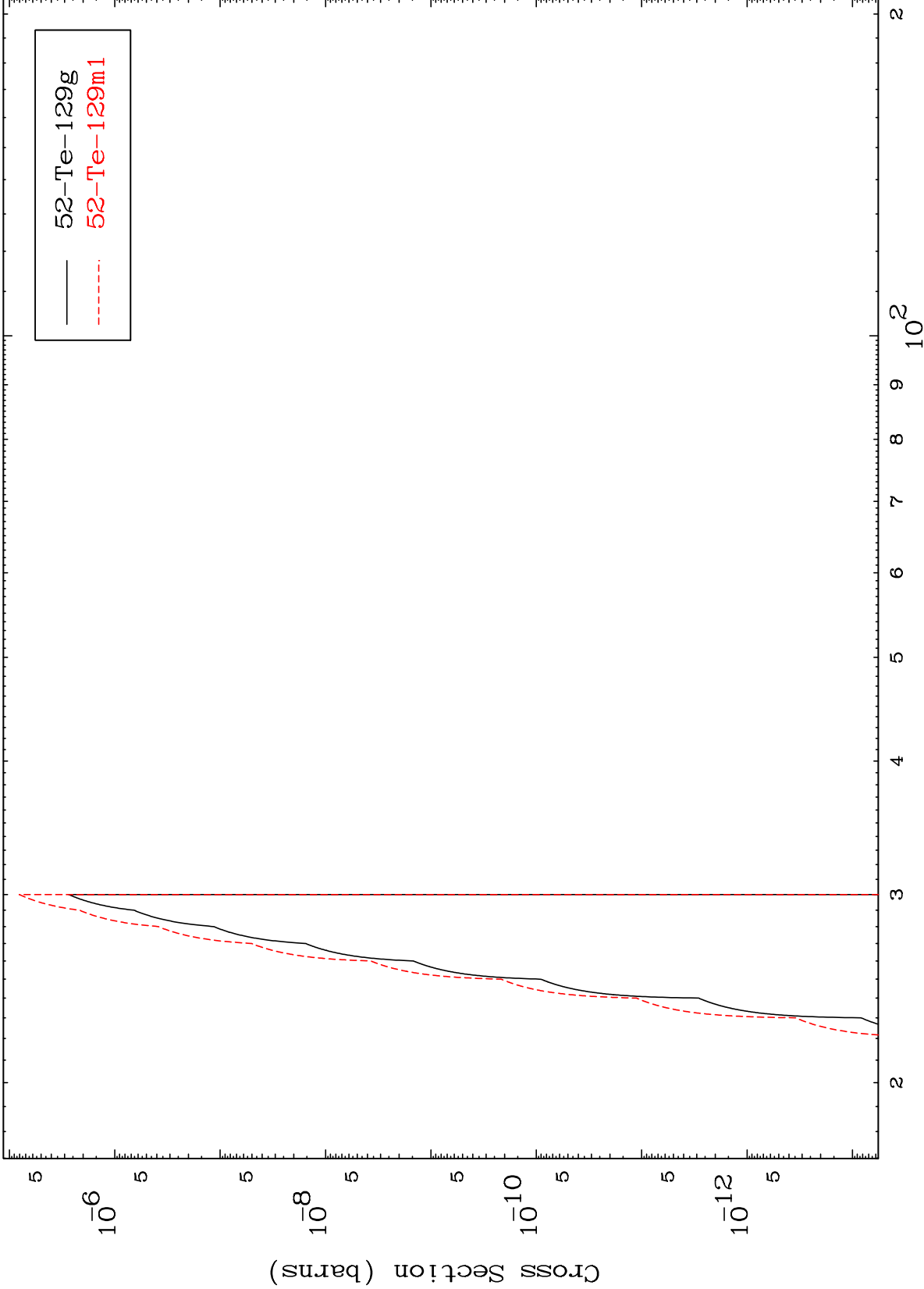
Incident Energy (MeV)

MAT 5459

(n,3n) α

54-Xe-135

Radionuclide Production Cross Section



24

Incident Energy (MeV)

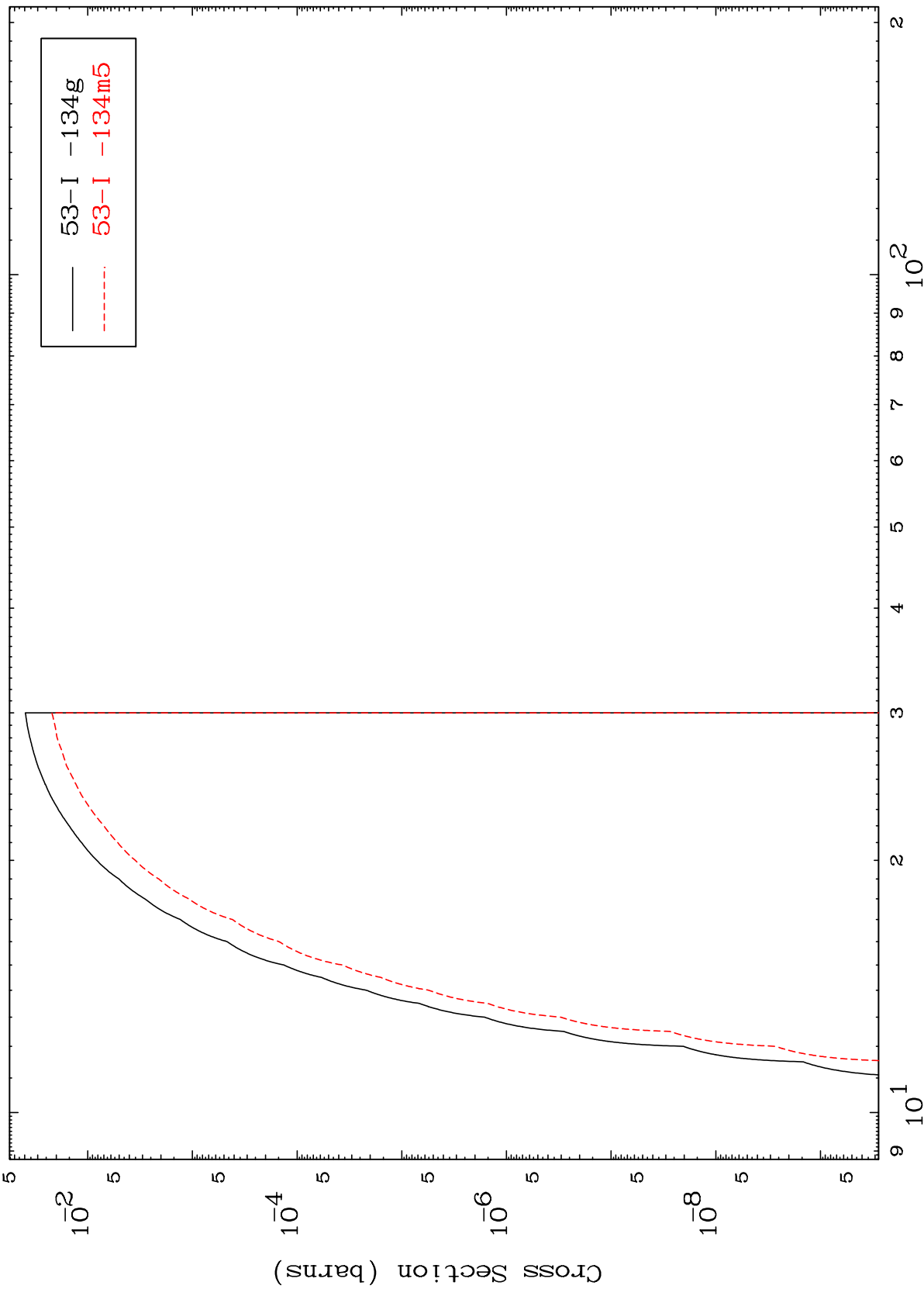
54-Xe-135

MAT 5459

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



Incident Energy (MeV)

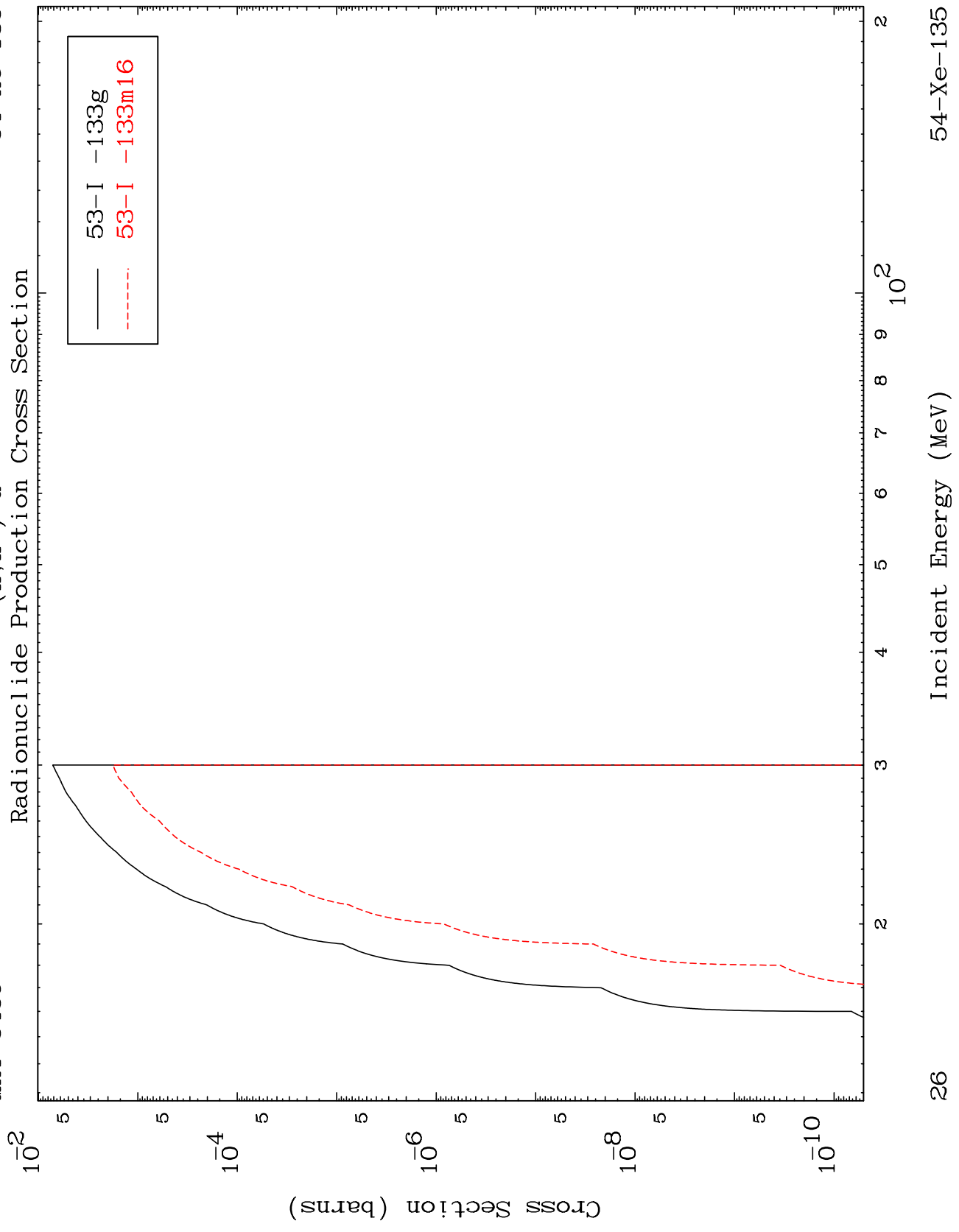
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25

MAT 5459

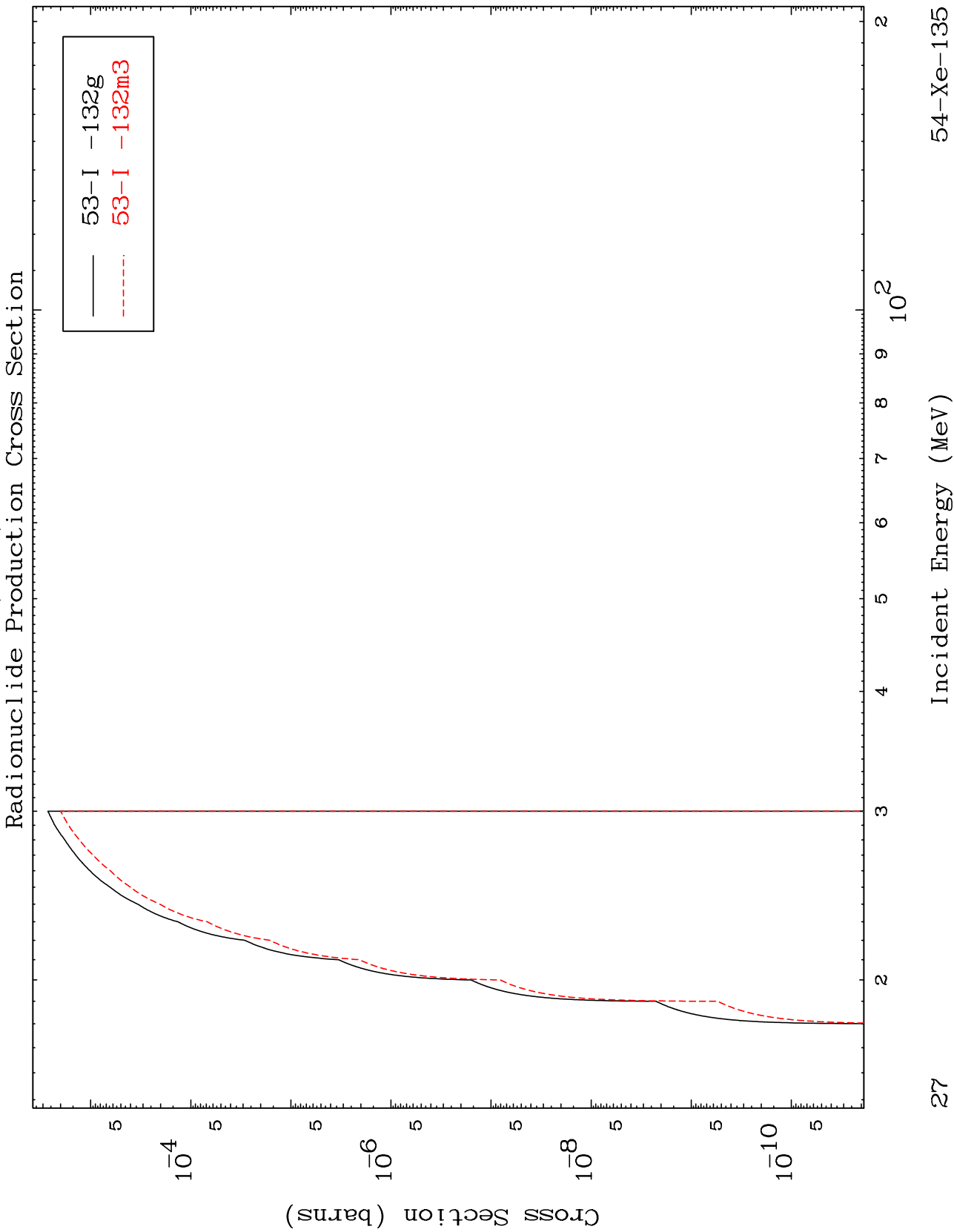
(n,n') d

54-Xe-135

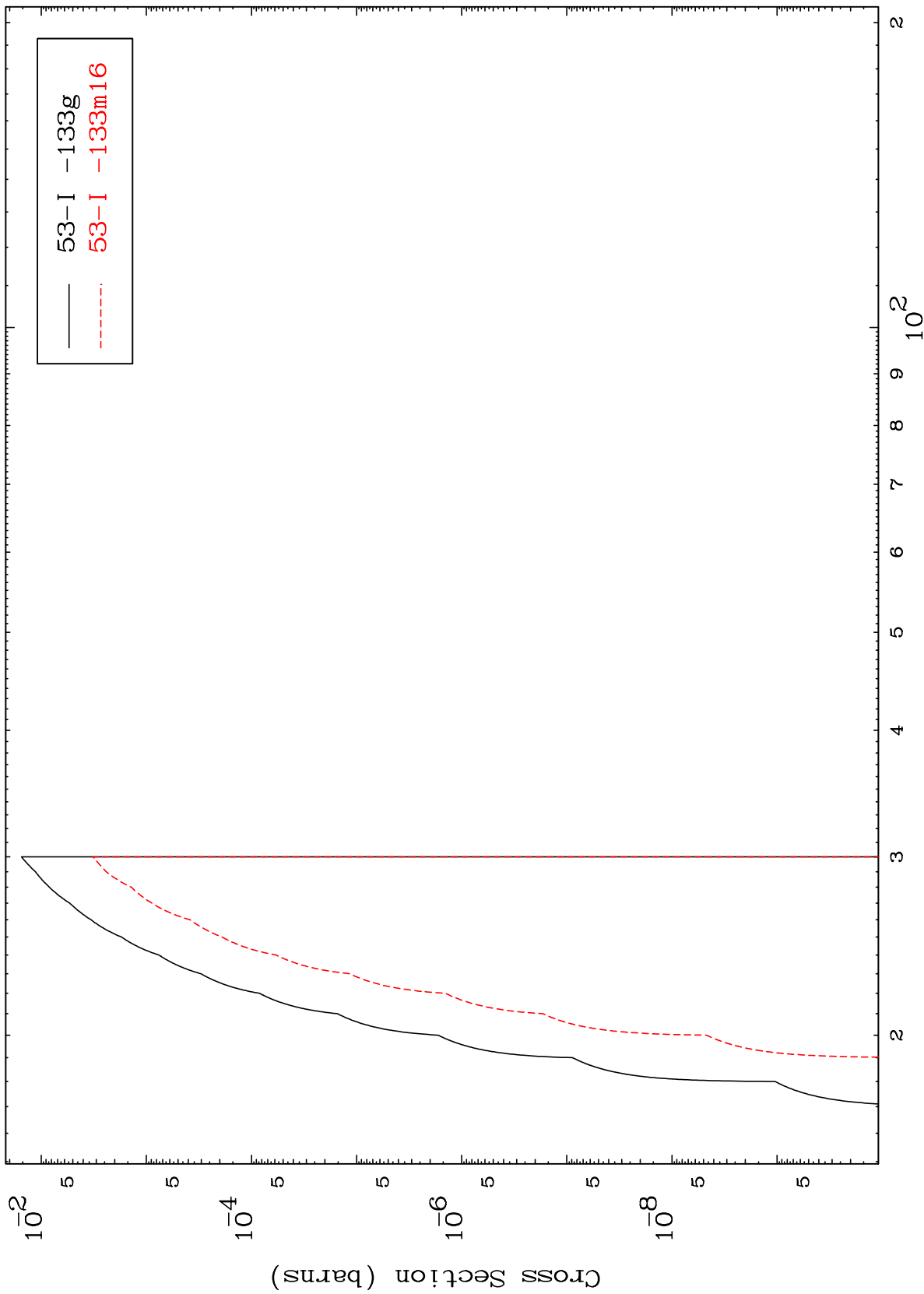


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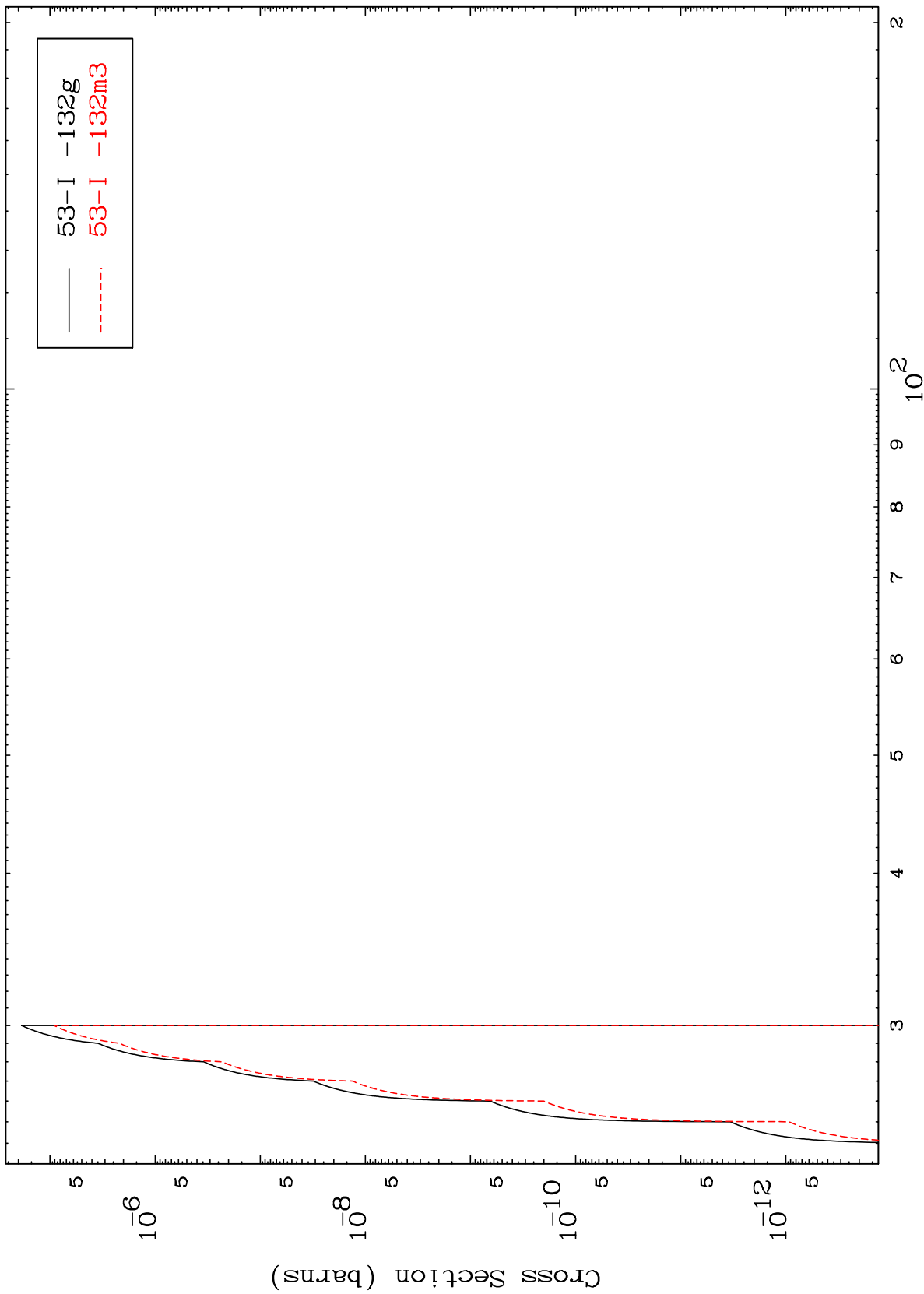
54-Xe-135



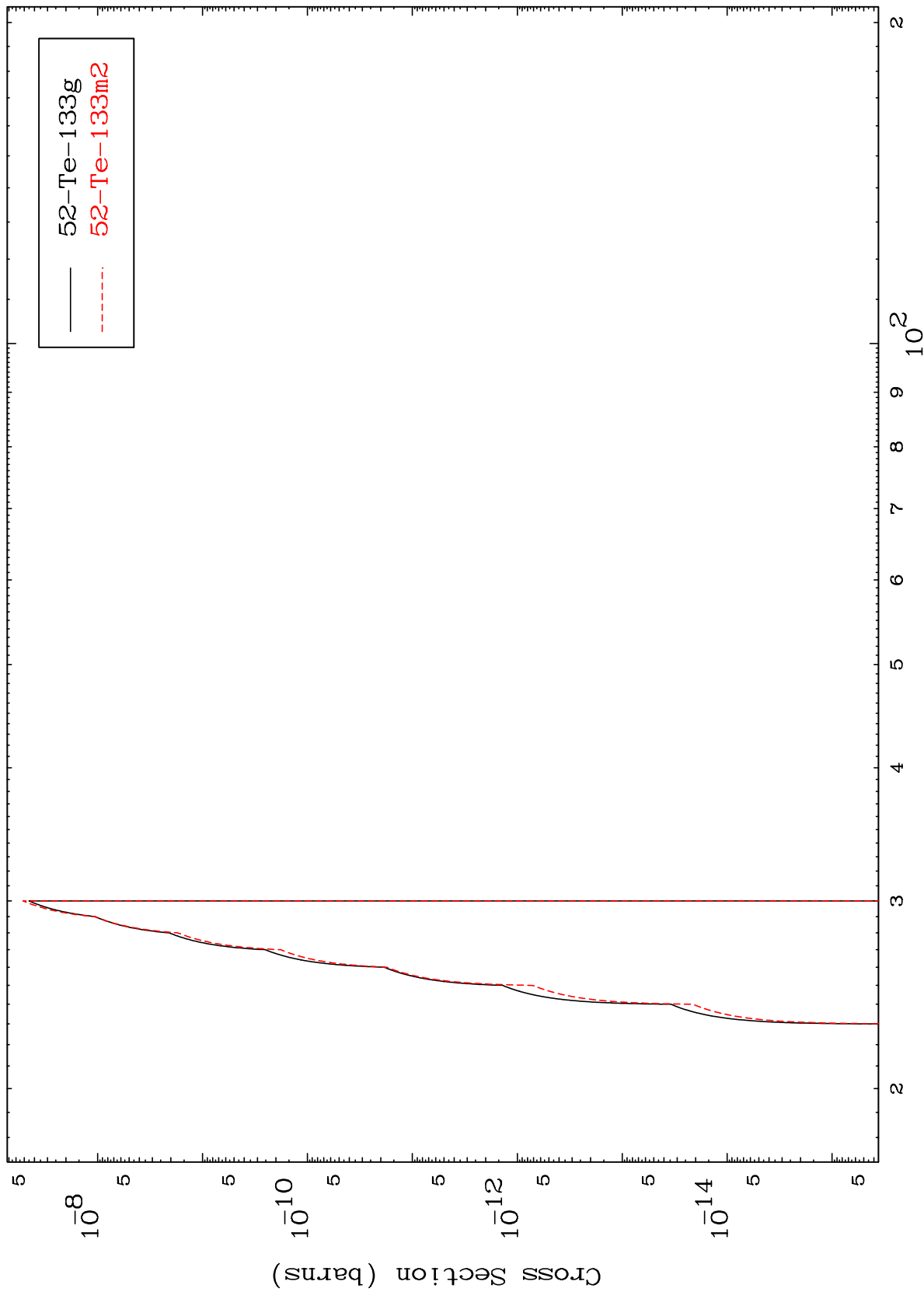
Radionuclide Production Cross Section



(n,3n) p
Radionuclide Production Cross Section



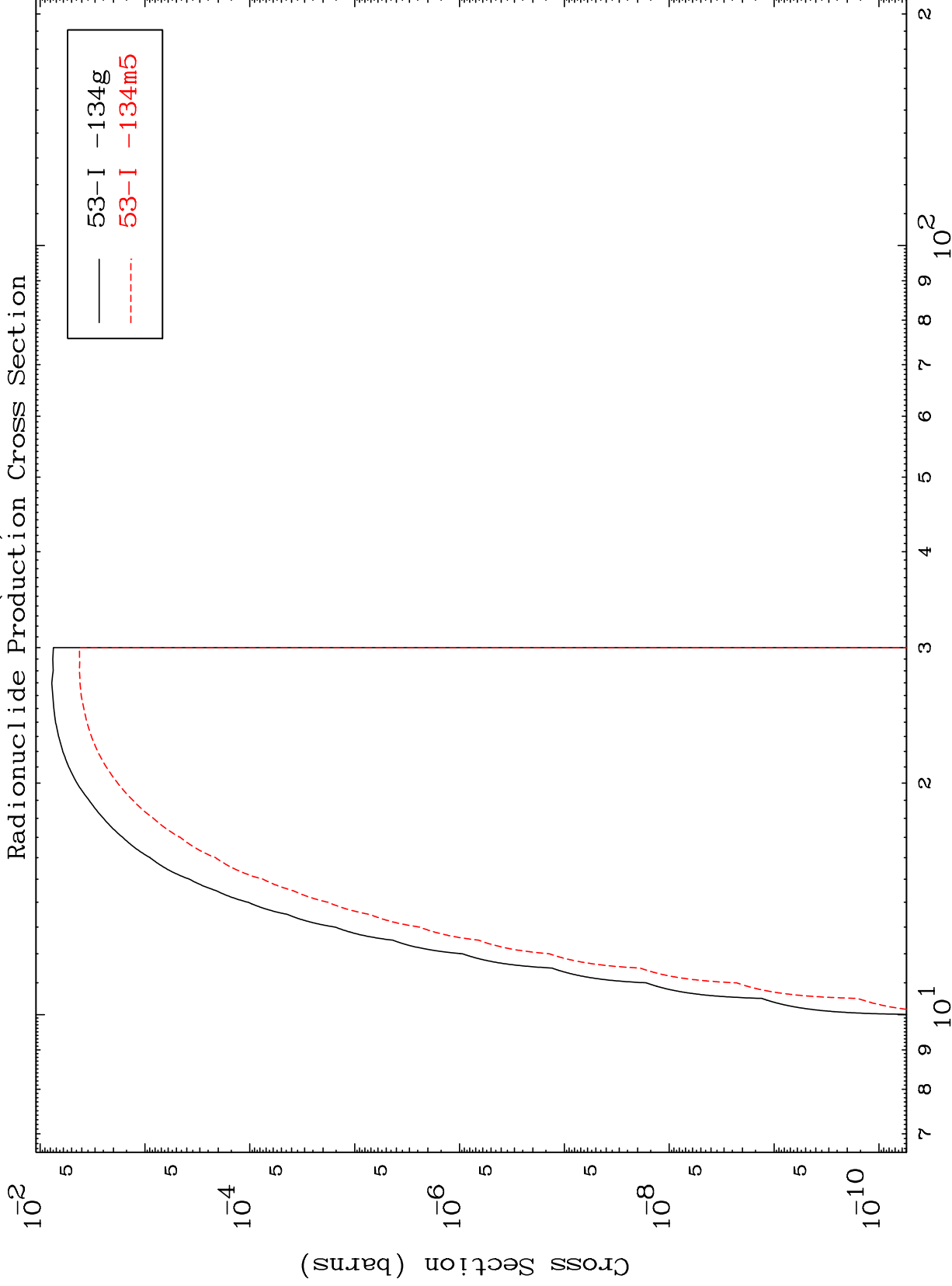
Radionuclide Production Cross Section



MAT 5459

(n,d)

54-Xe-135



31

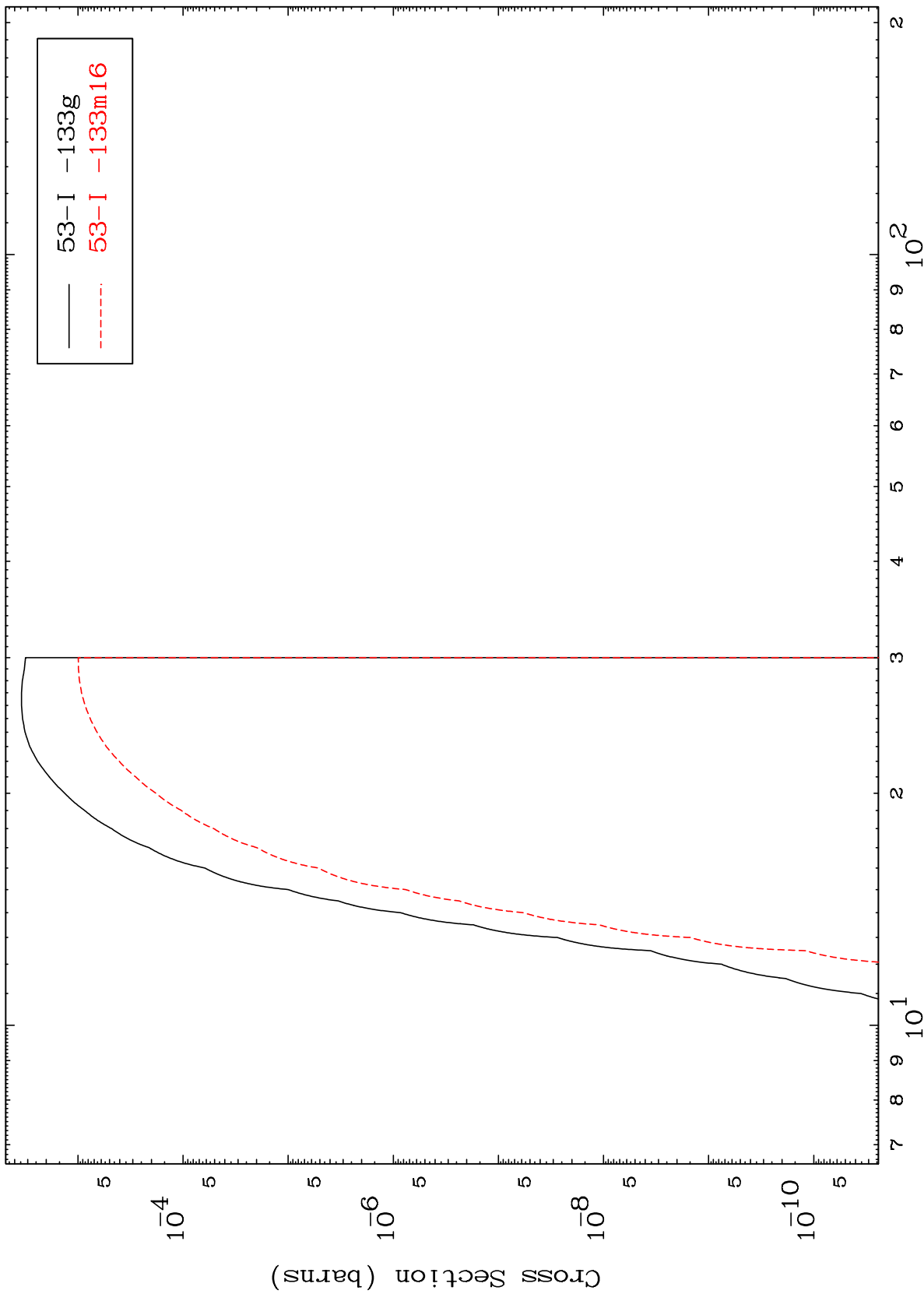
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

(n, t)
Radionuclide Production Cross Section



53-I -133g
53-I -133m16

32

Incident Energy (MeV)

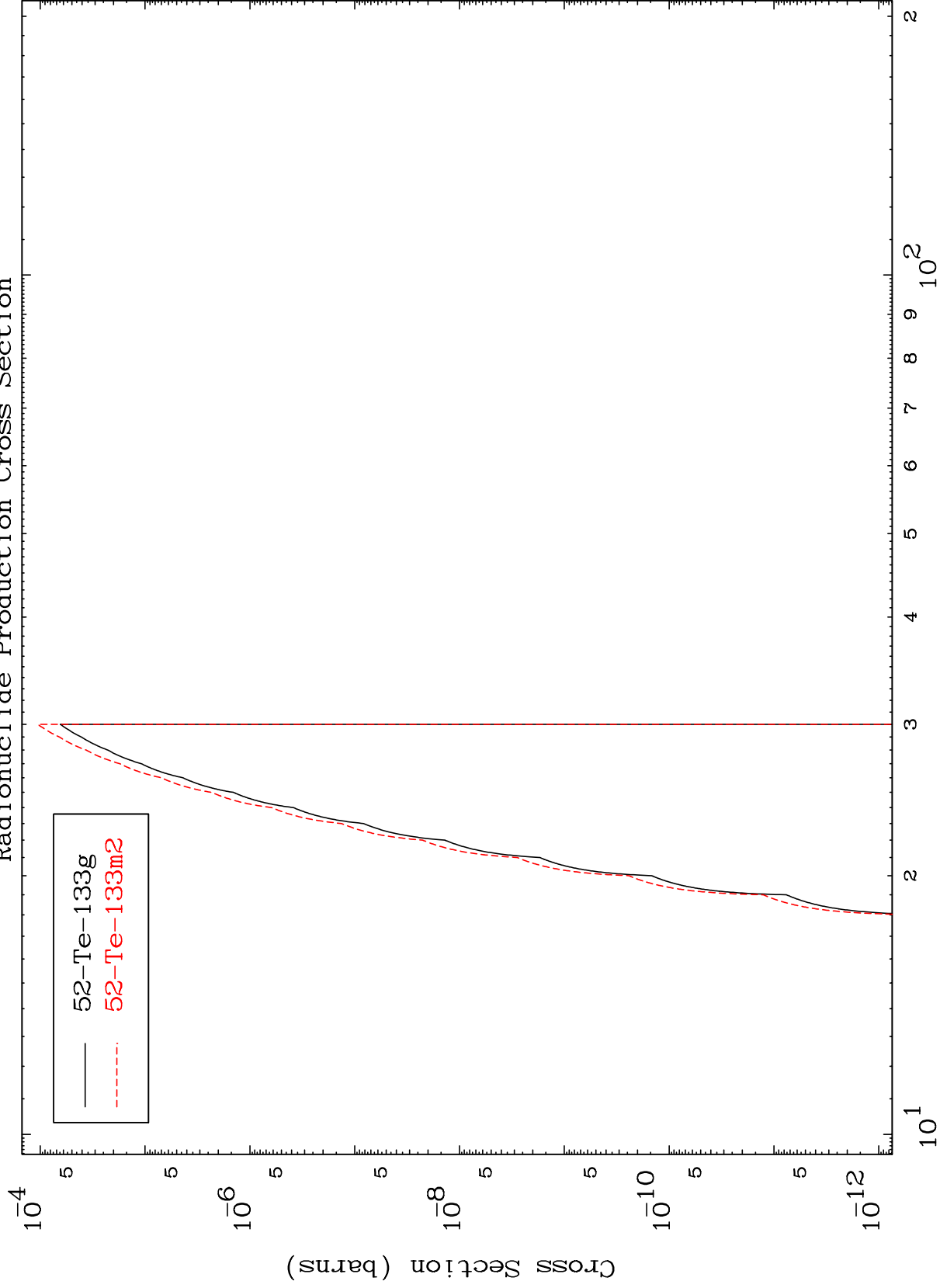
54-Xe-135

MAT 5459

(n,He-3)

54-Xe-135

Radionuclide Production Cross Section



33

Incident Energy (MeV)

54-Xe-135

Radionuclide Production Cross Section

