

Program EVALPLOT
(Version 2018-1)

by

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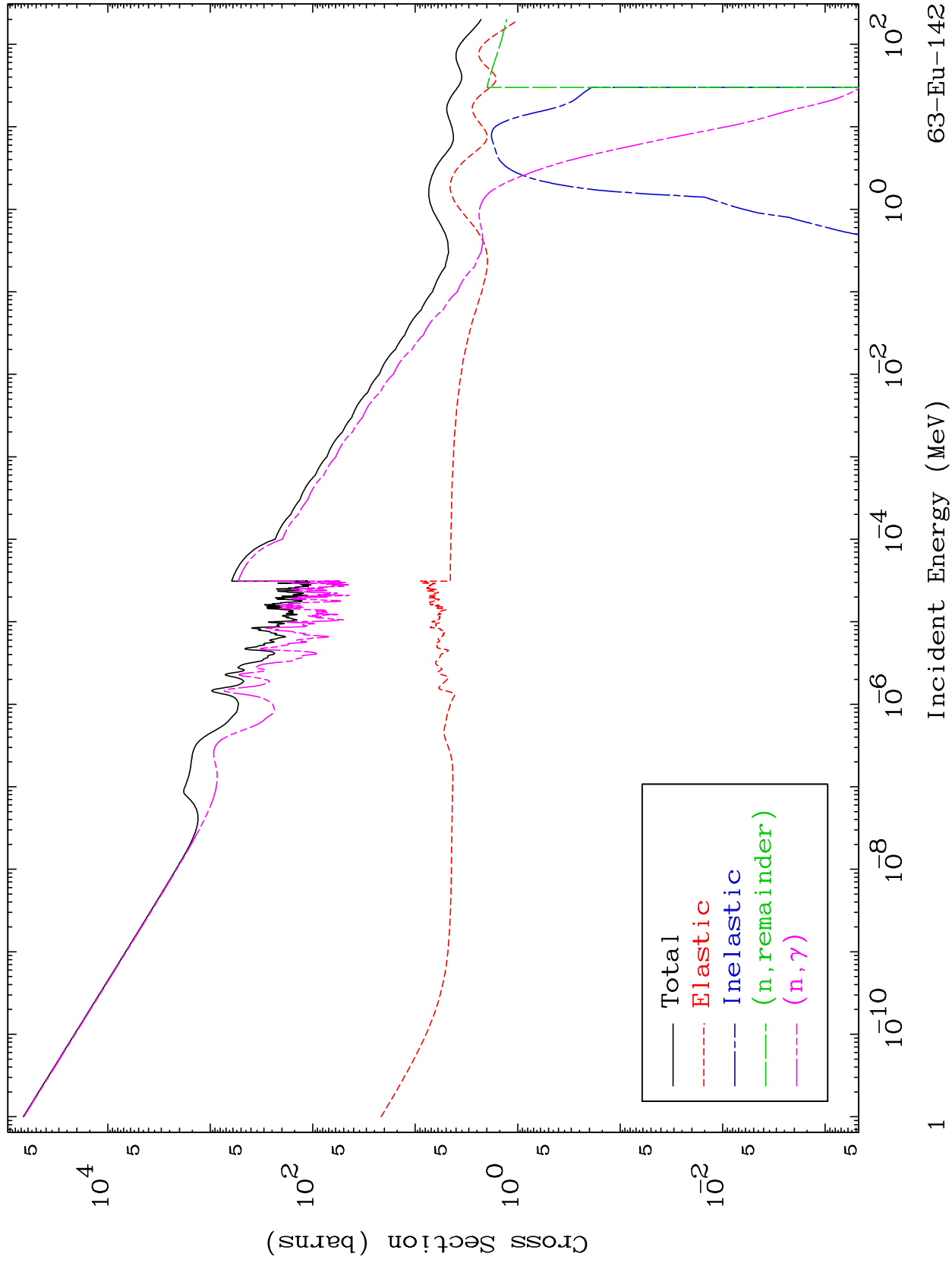
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6299

Major
293 Kelvin Cross Sections

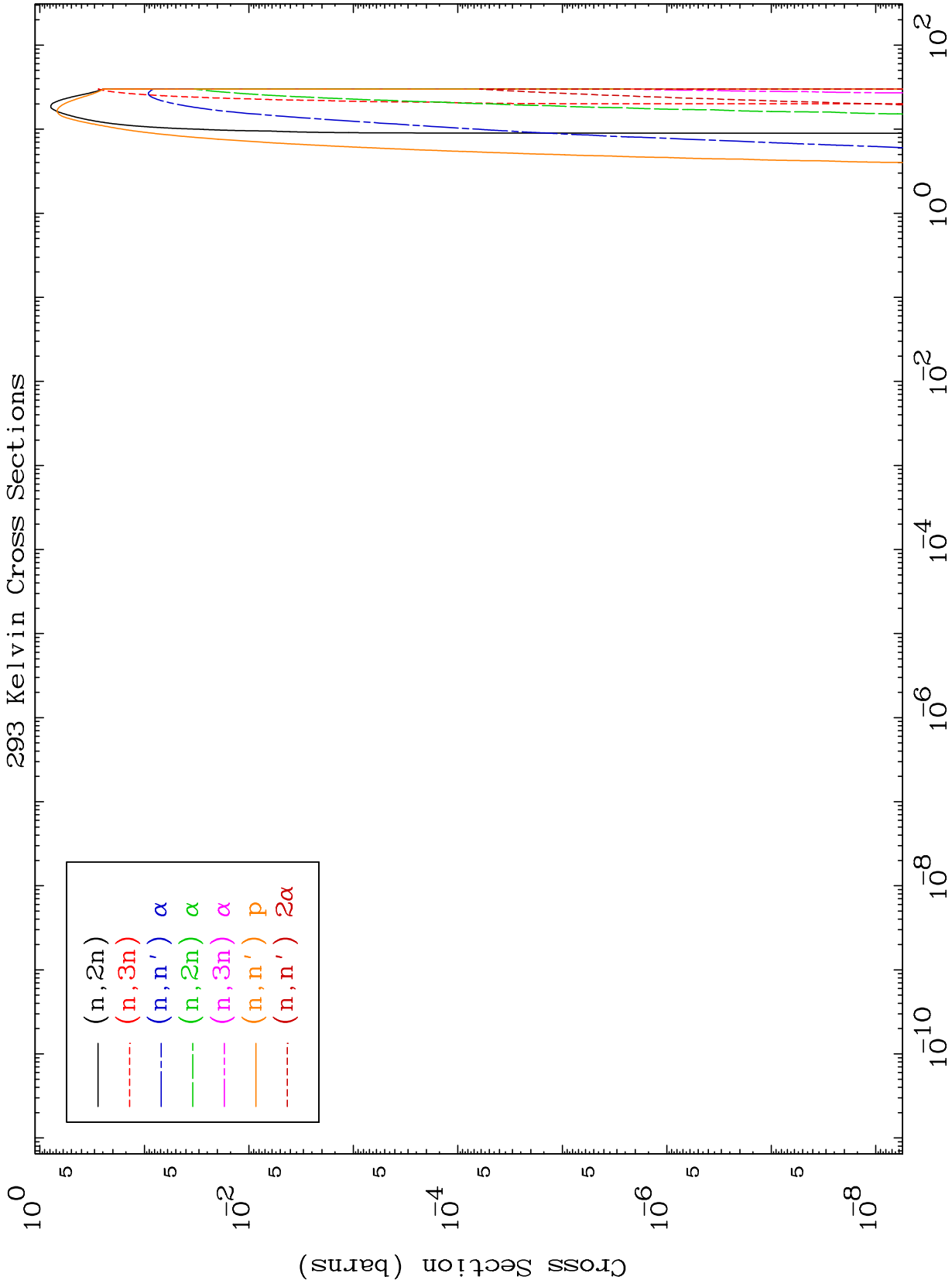
63-Eu-142



MAT 6299

Neutron Production
293 Kelvin Cross Sections

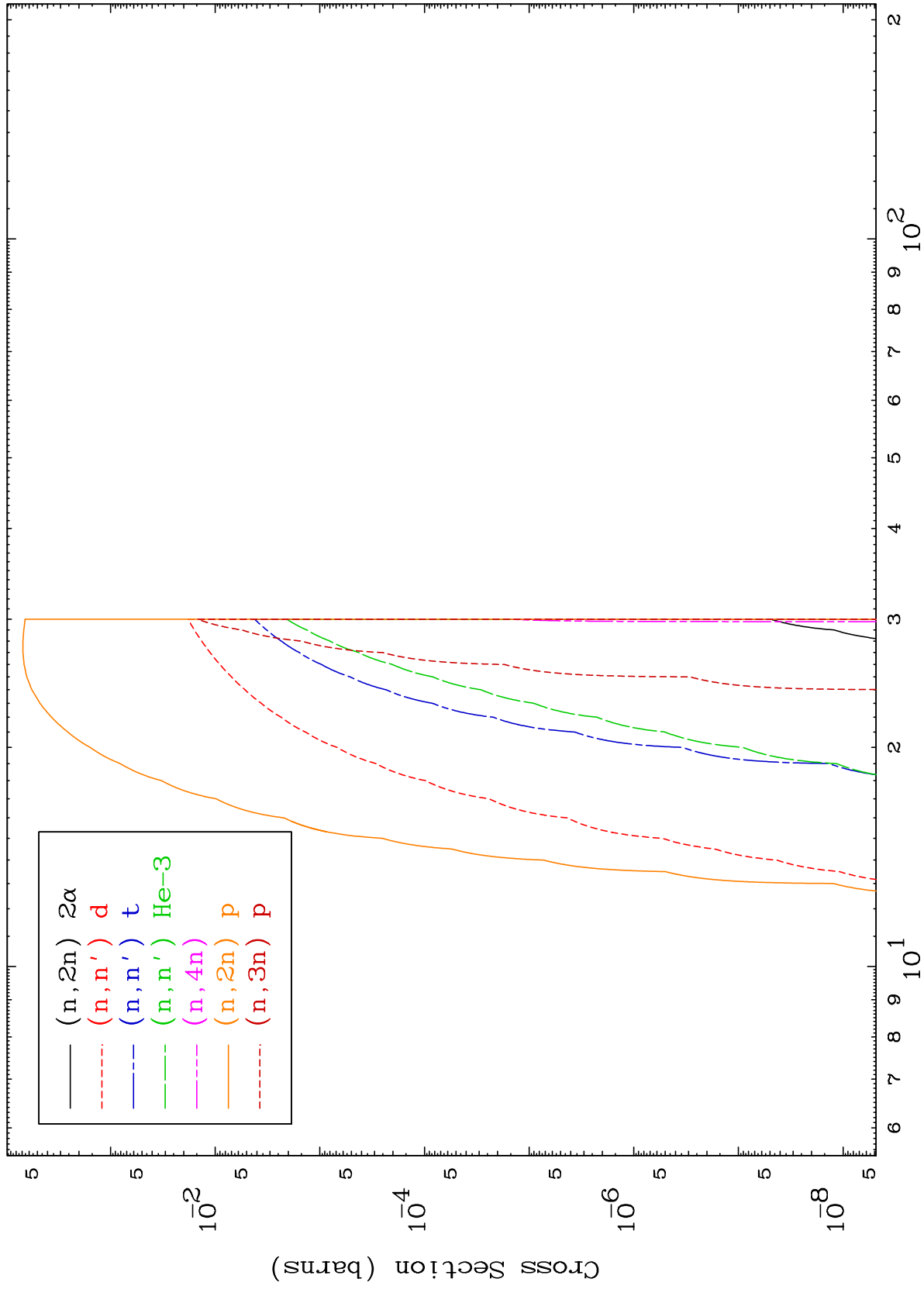
63-Eu-142

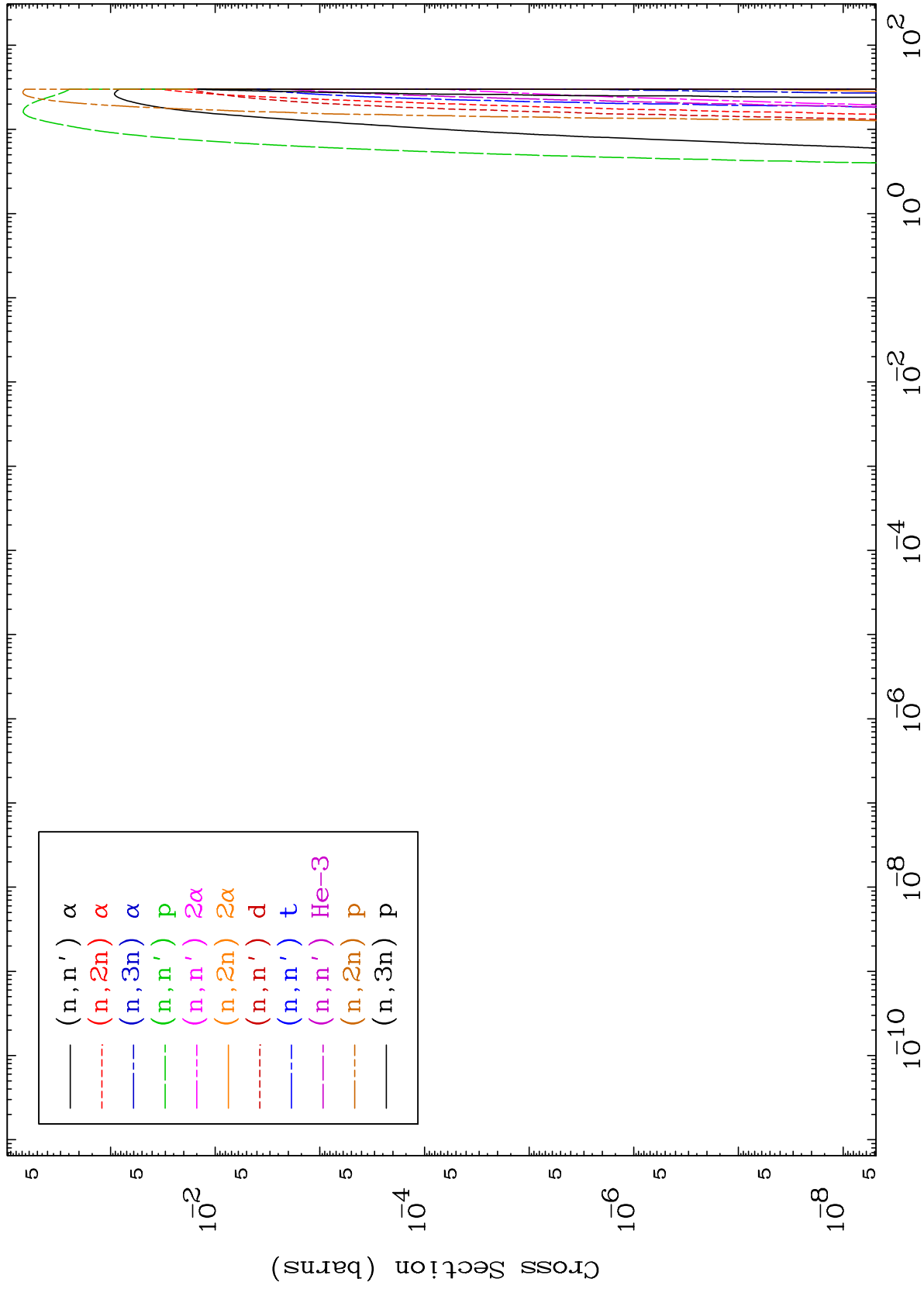


2

Incident Energy (MeV)

63-Eu-142

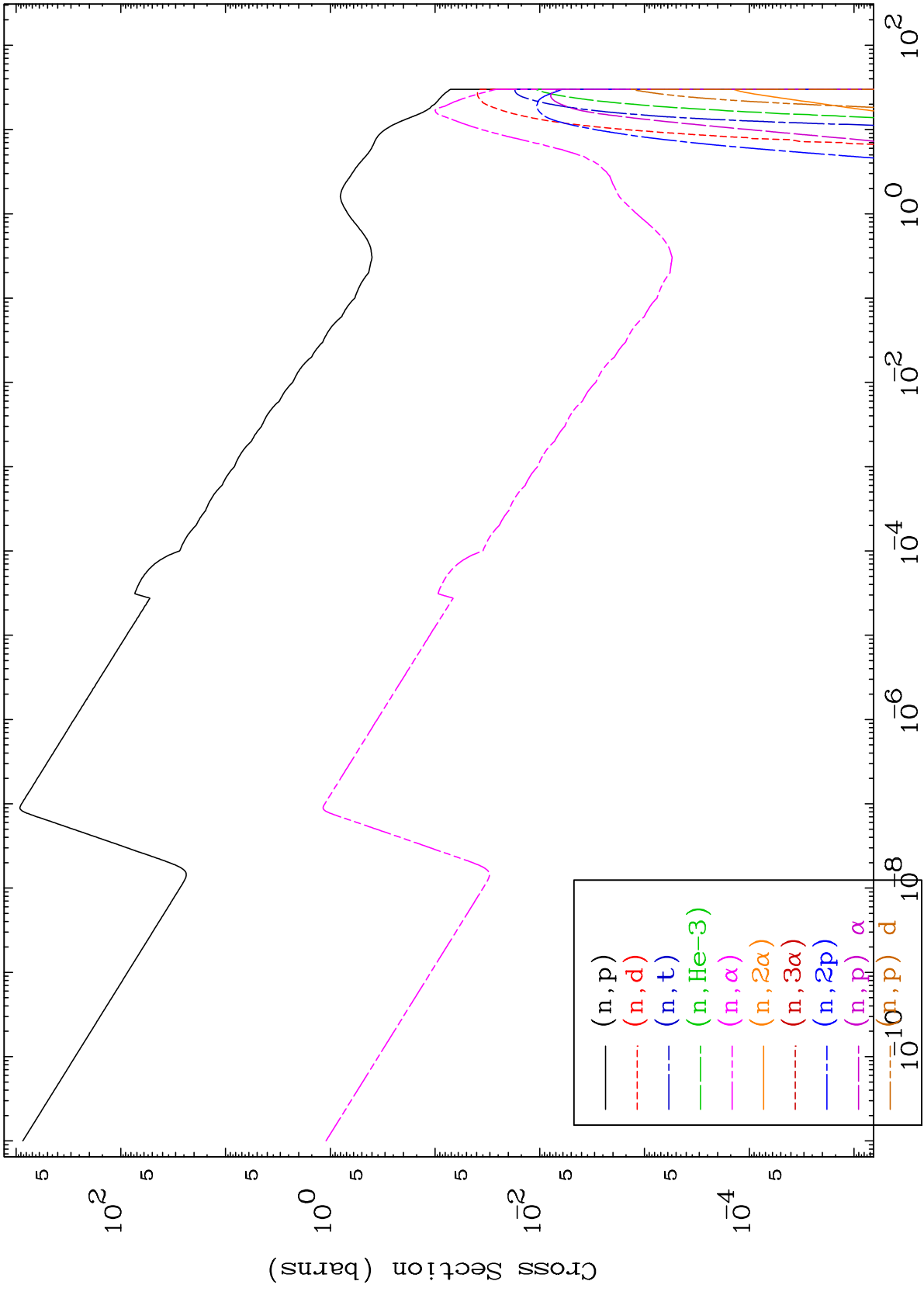




MAT 6299

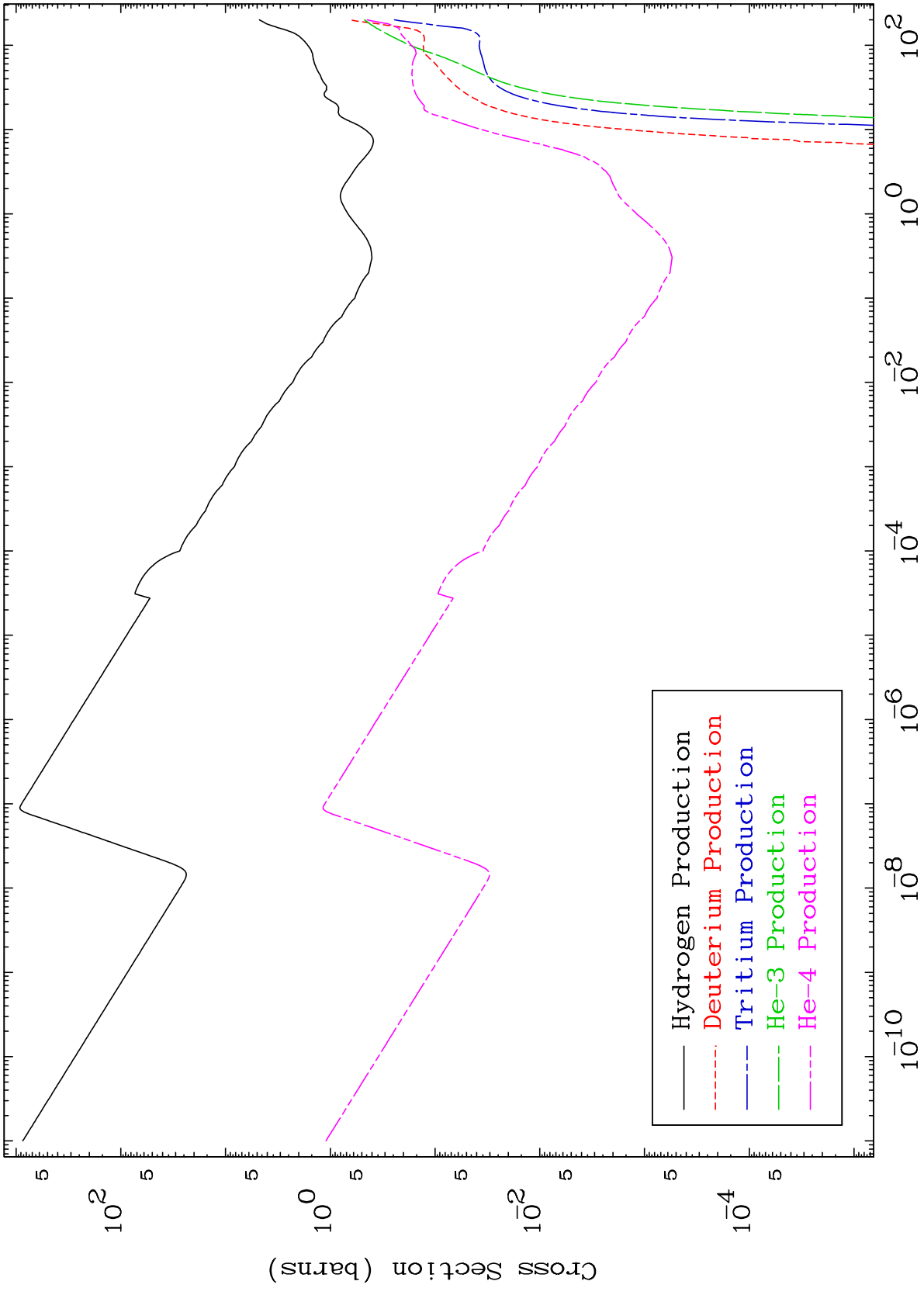
Charged Particle
293 Kelvin Cross Sections

63-Eu-142



5

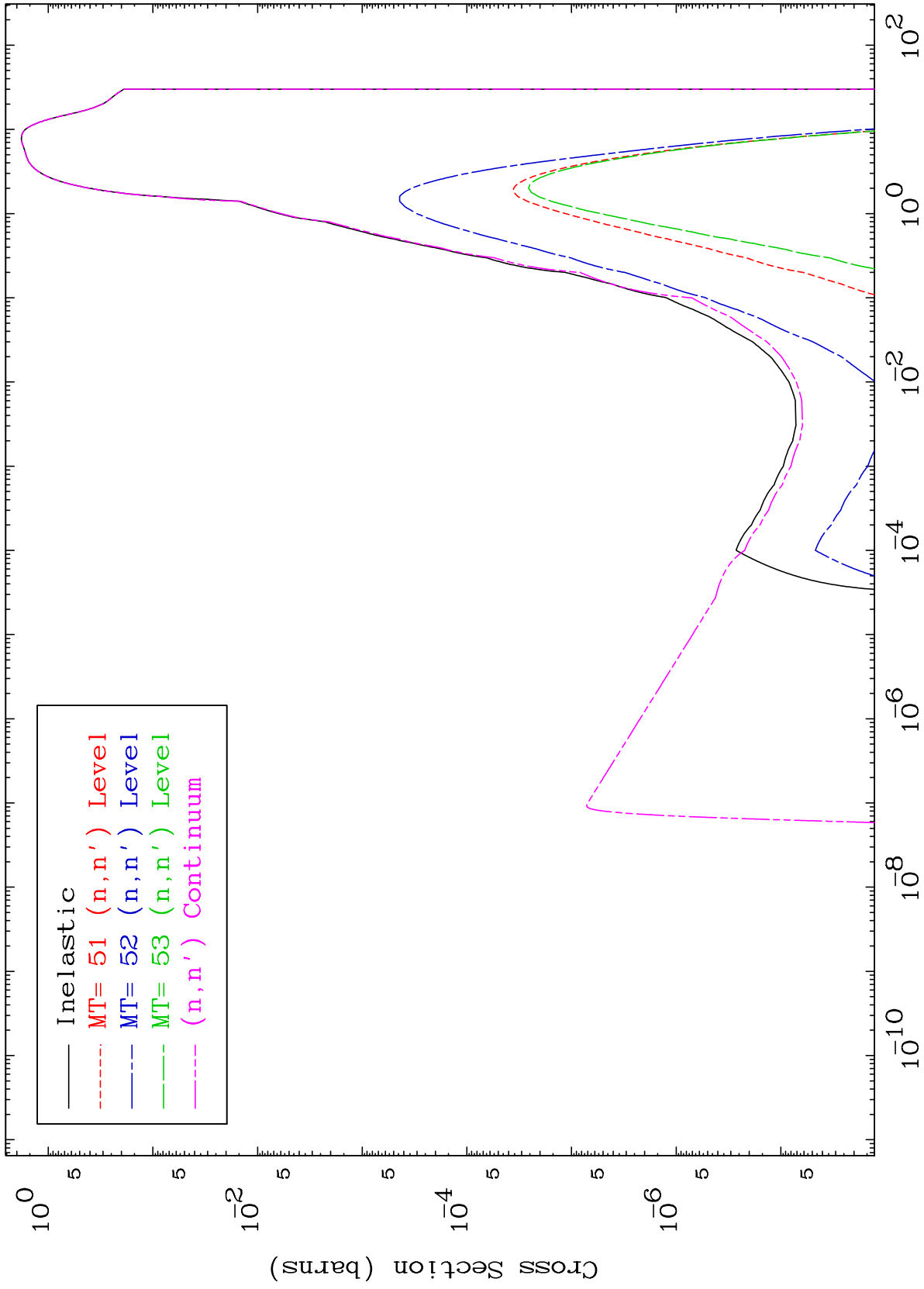
63-Eu-142

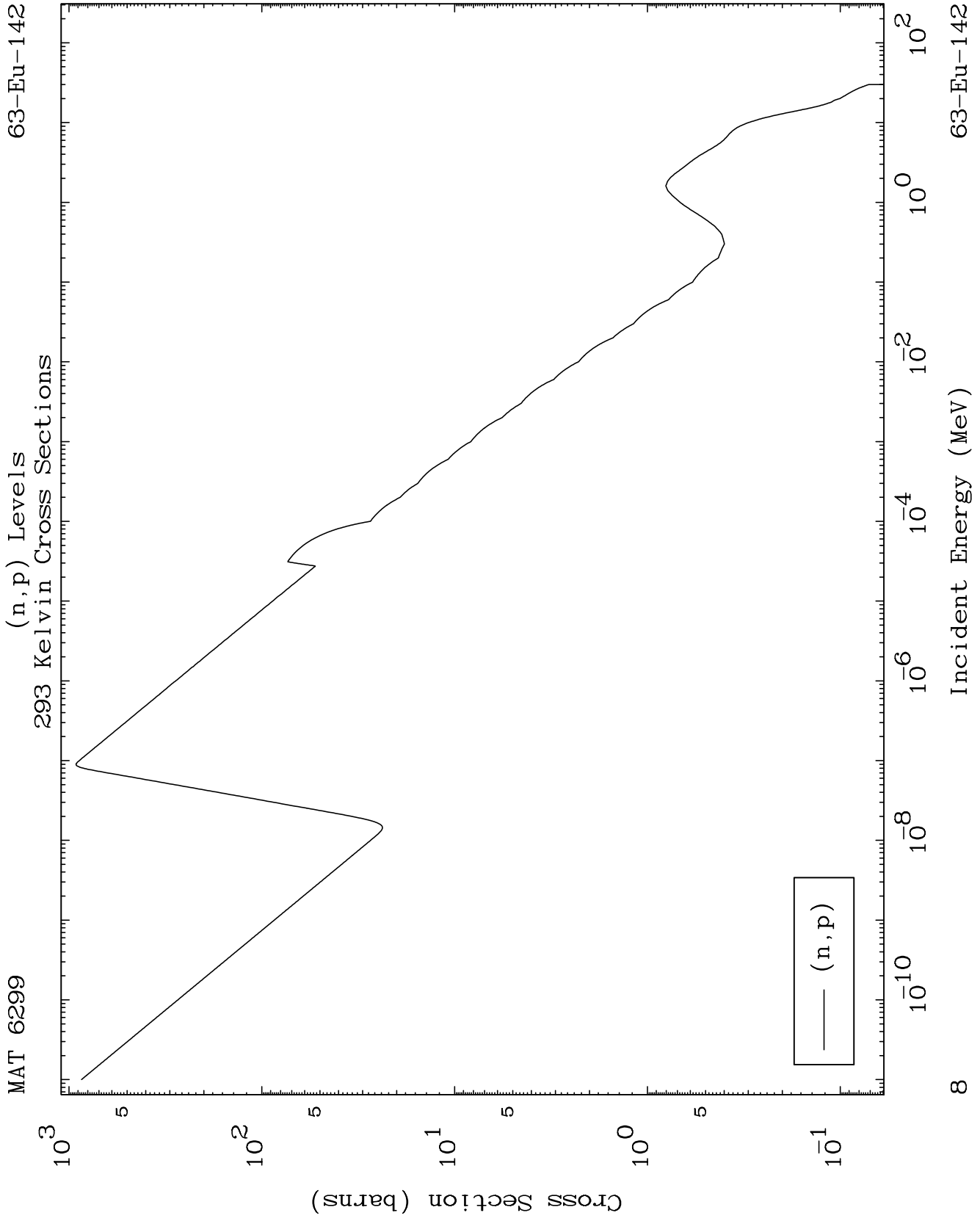


MAT 6299

(n,n') Level
293 Kelvin Cross Sections

63-Eu-142

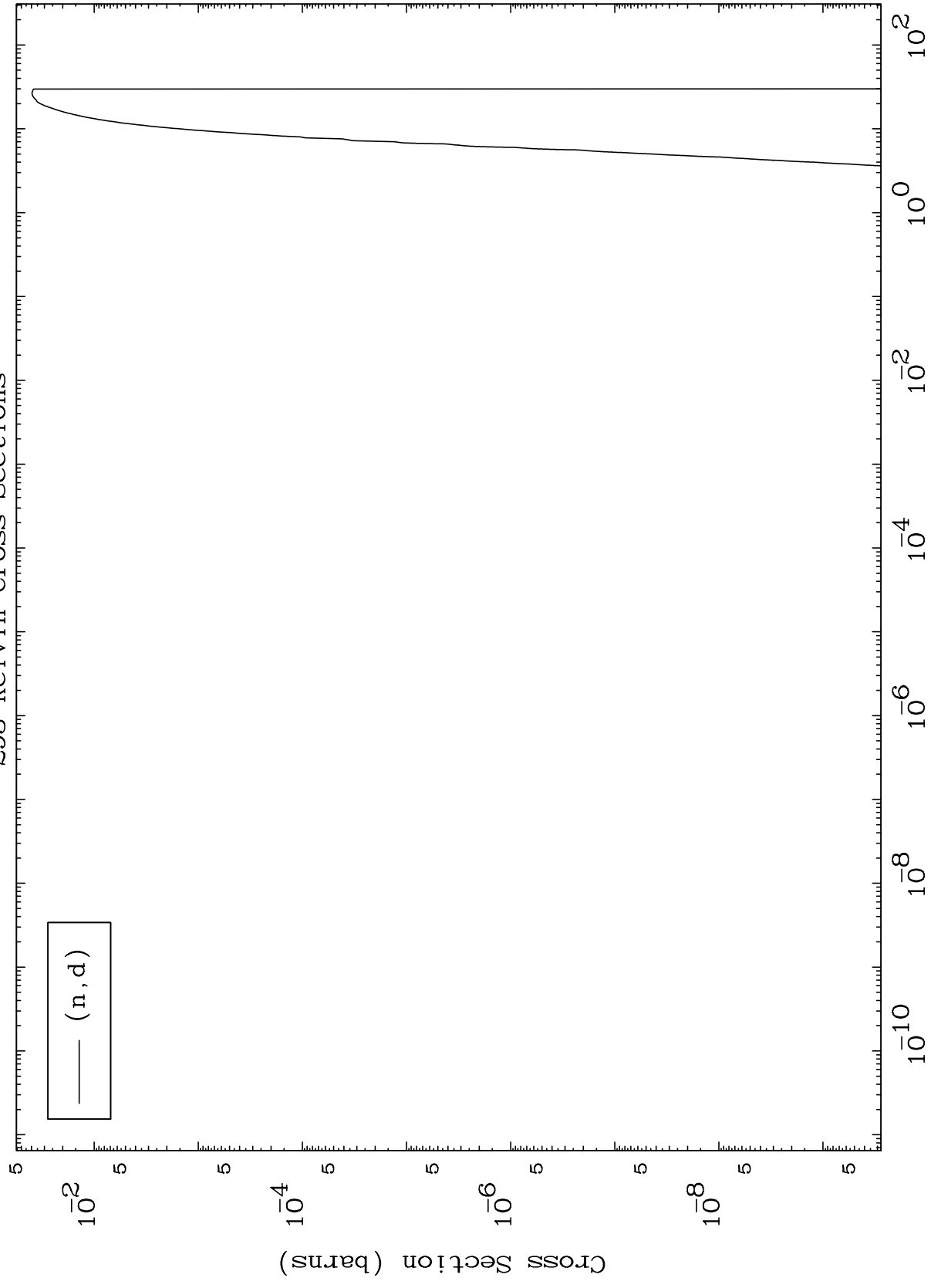




MAT 6299

(n,d) Levels
293 Kelvin Cross Sections

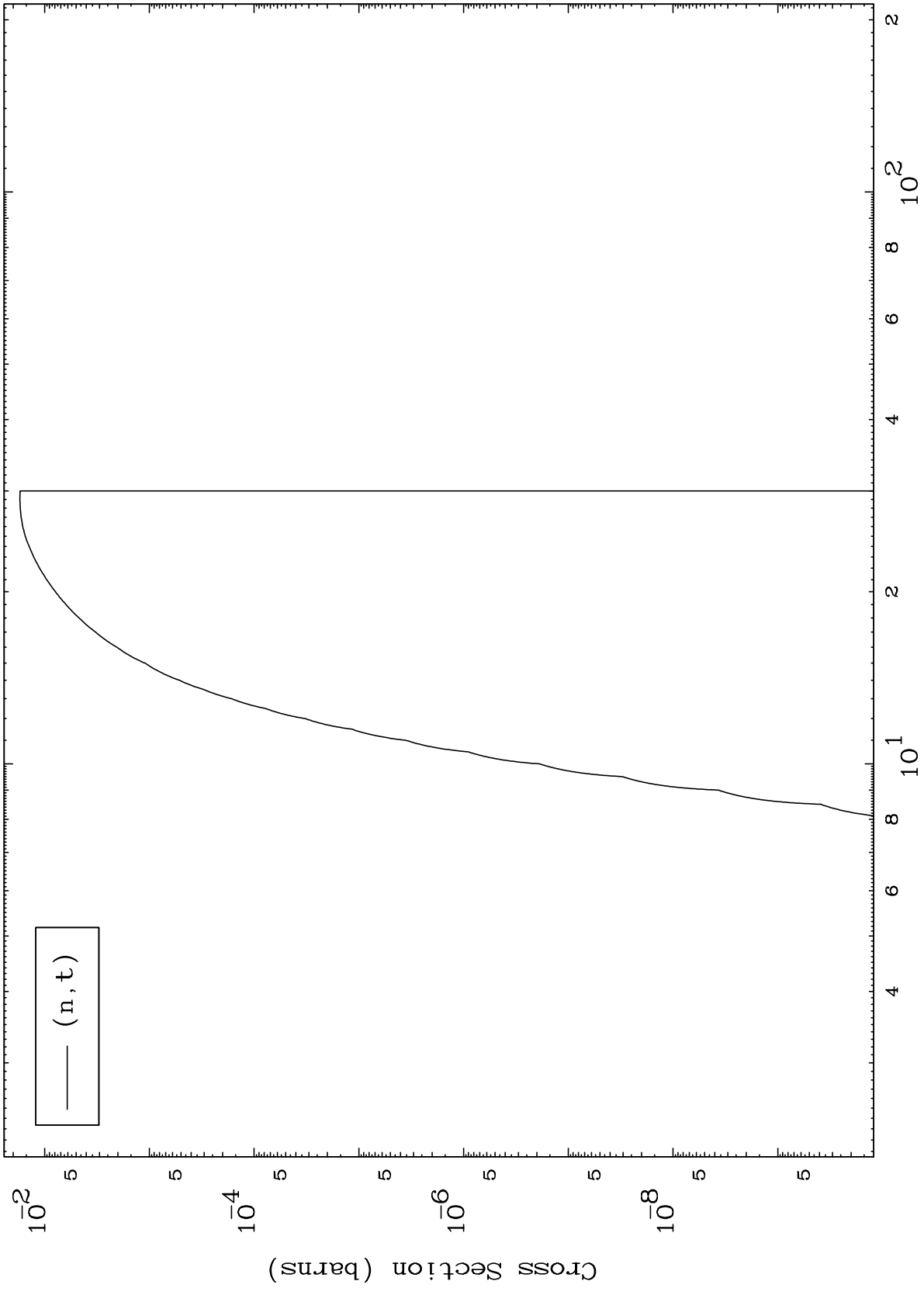
63-Eu-142



MAT 6299

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-142



10

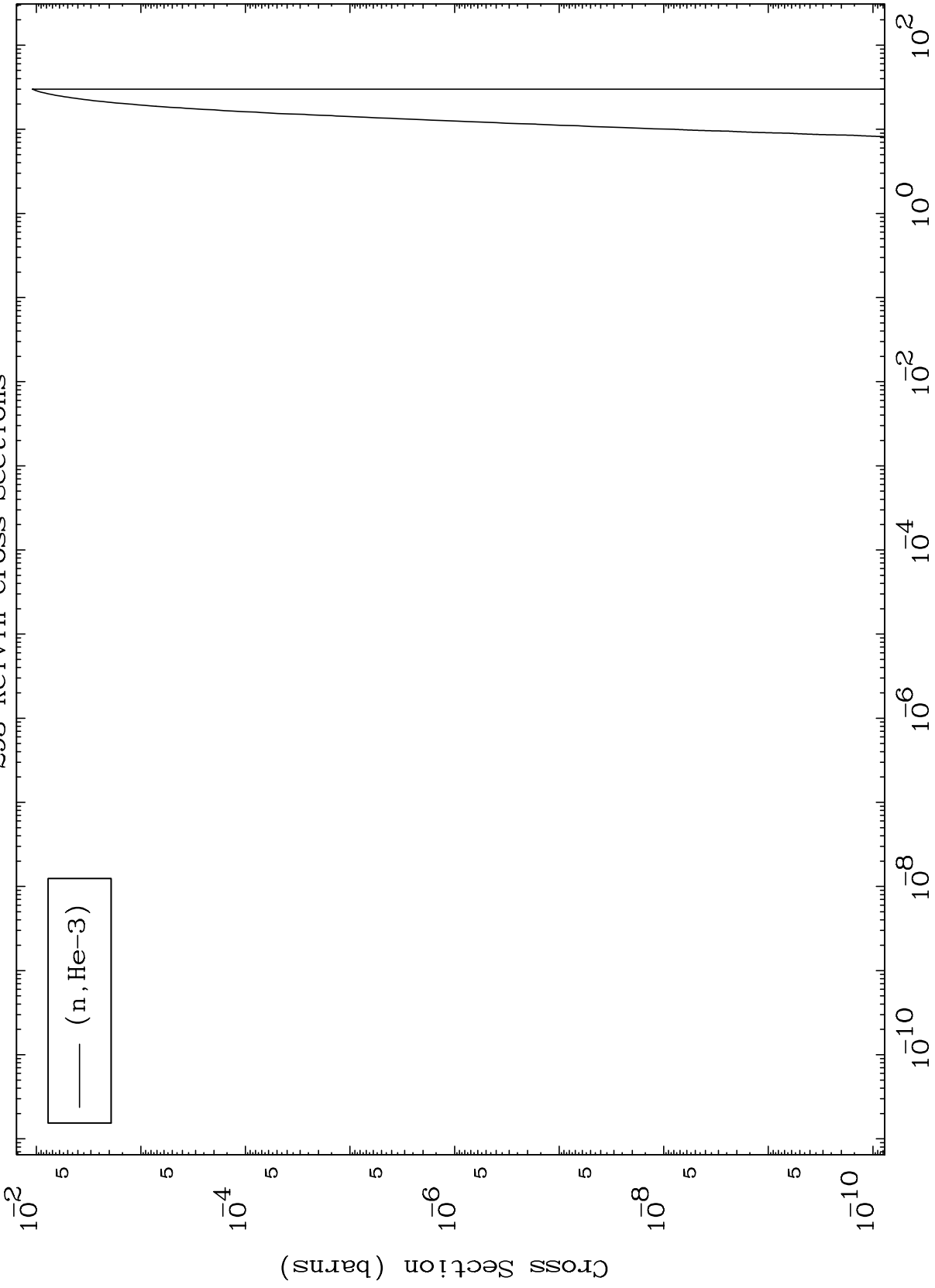
Incident Energy (MeV)

63-Eu-142

MAT 6299

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-142

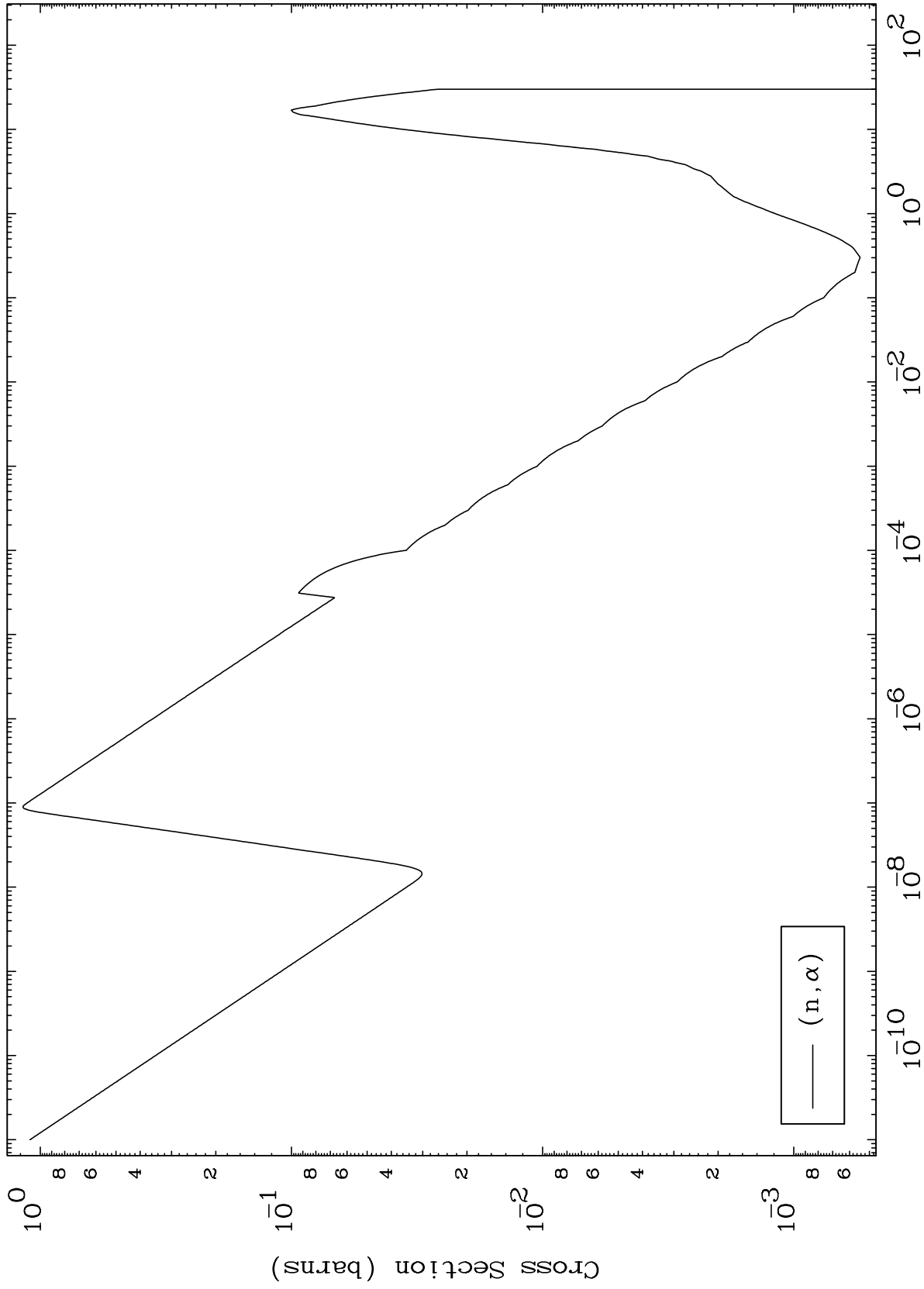


(n, He-3)

MAT 6299

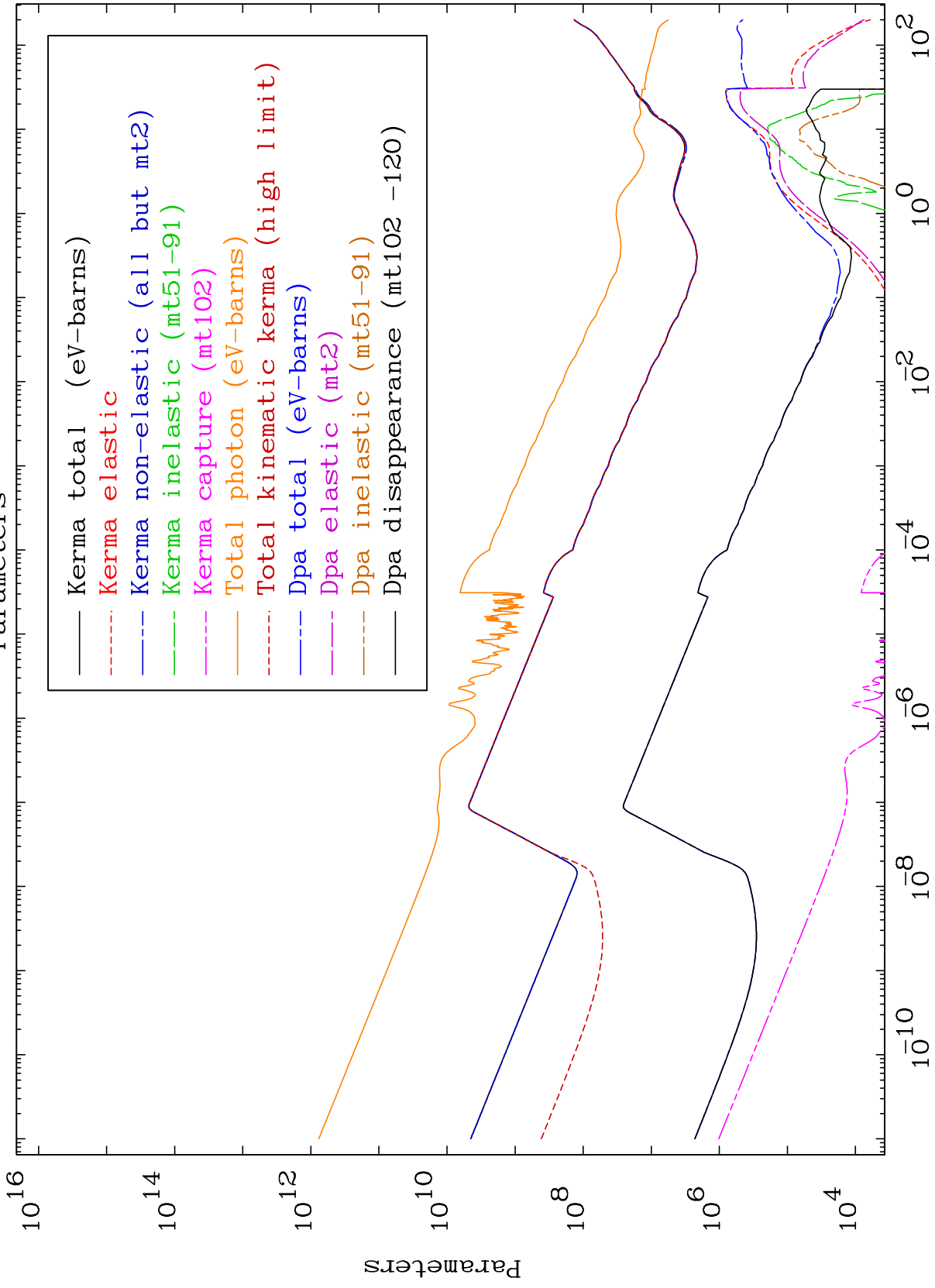
(n, α) Levels
293 Kelvin Cross Sections

63-Eu-142



12

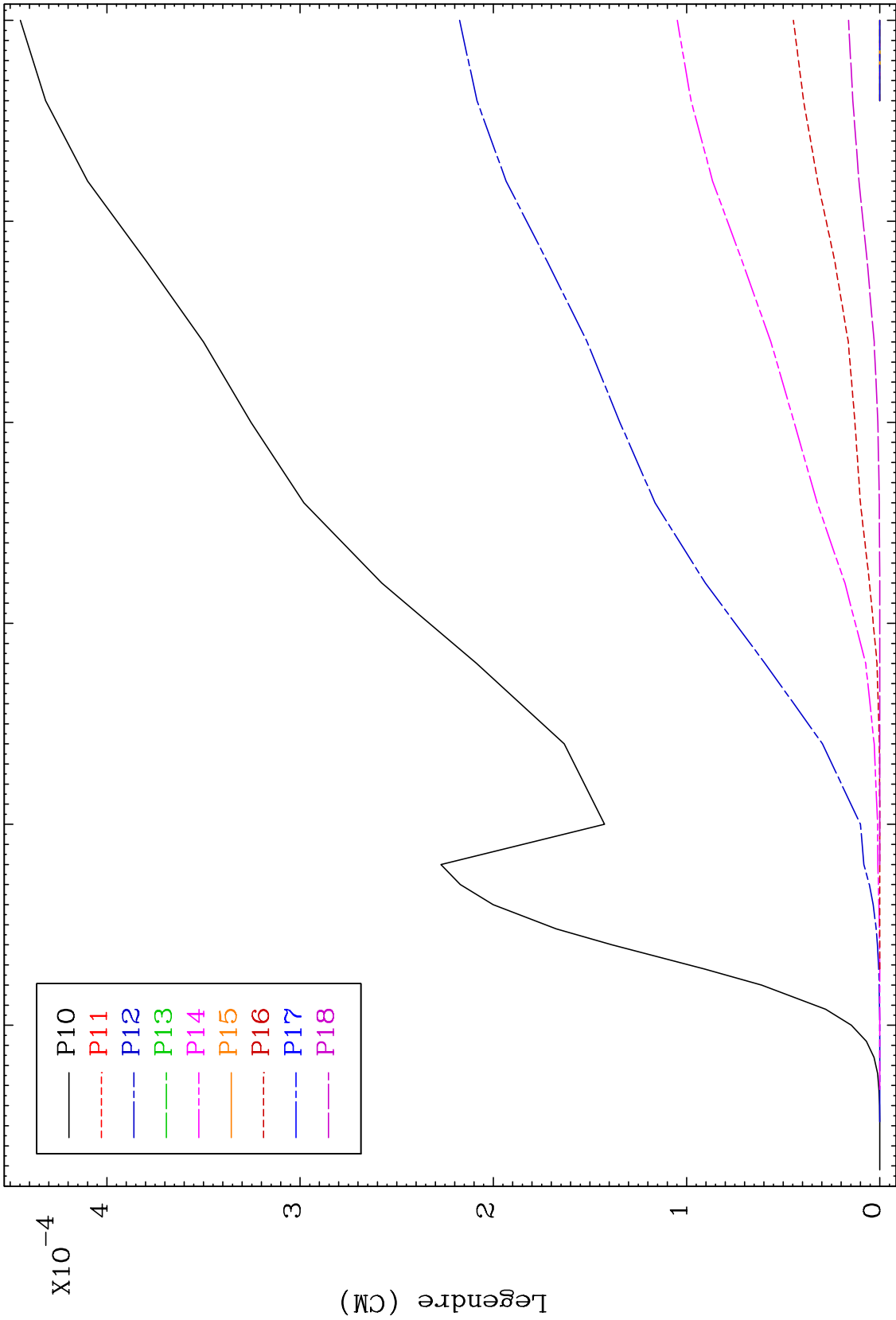
63-Eu-142



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Elastic Legendre Coefficients

63-Eu-142



15

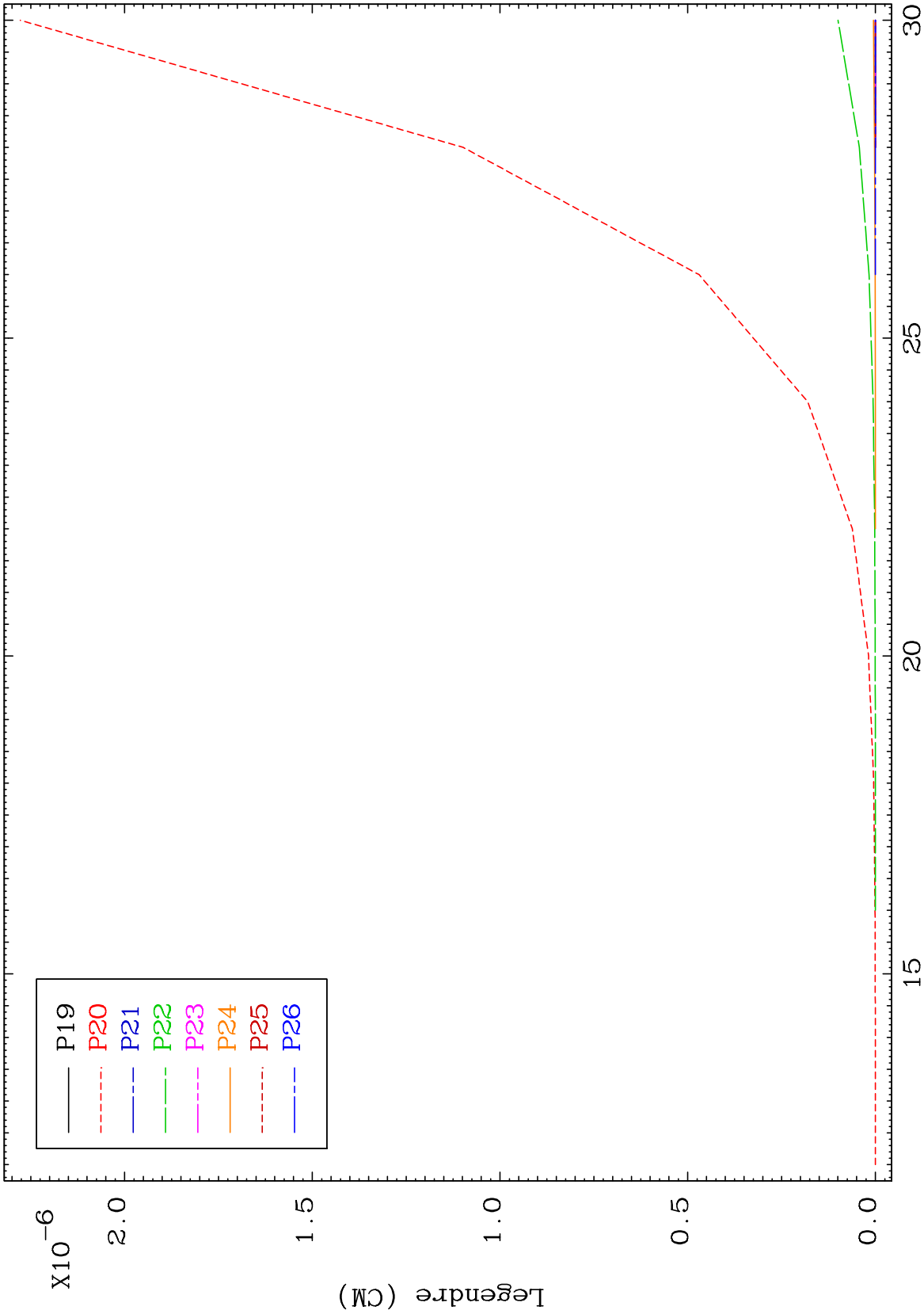
Incident Energy (MeV)

63-Eu-142

MAT 6299

Elastic Legendre Coefficients

63-Eu-142



16

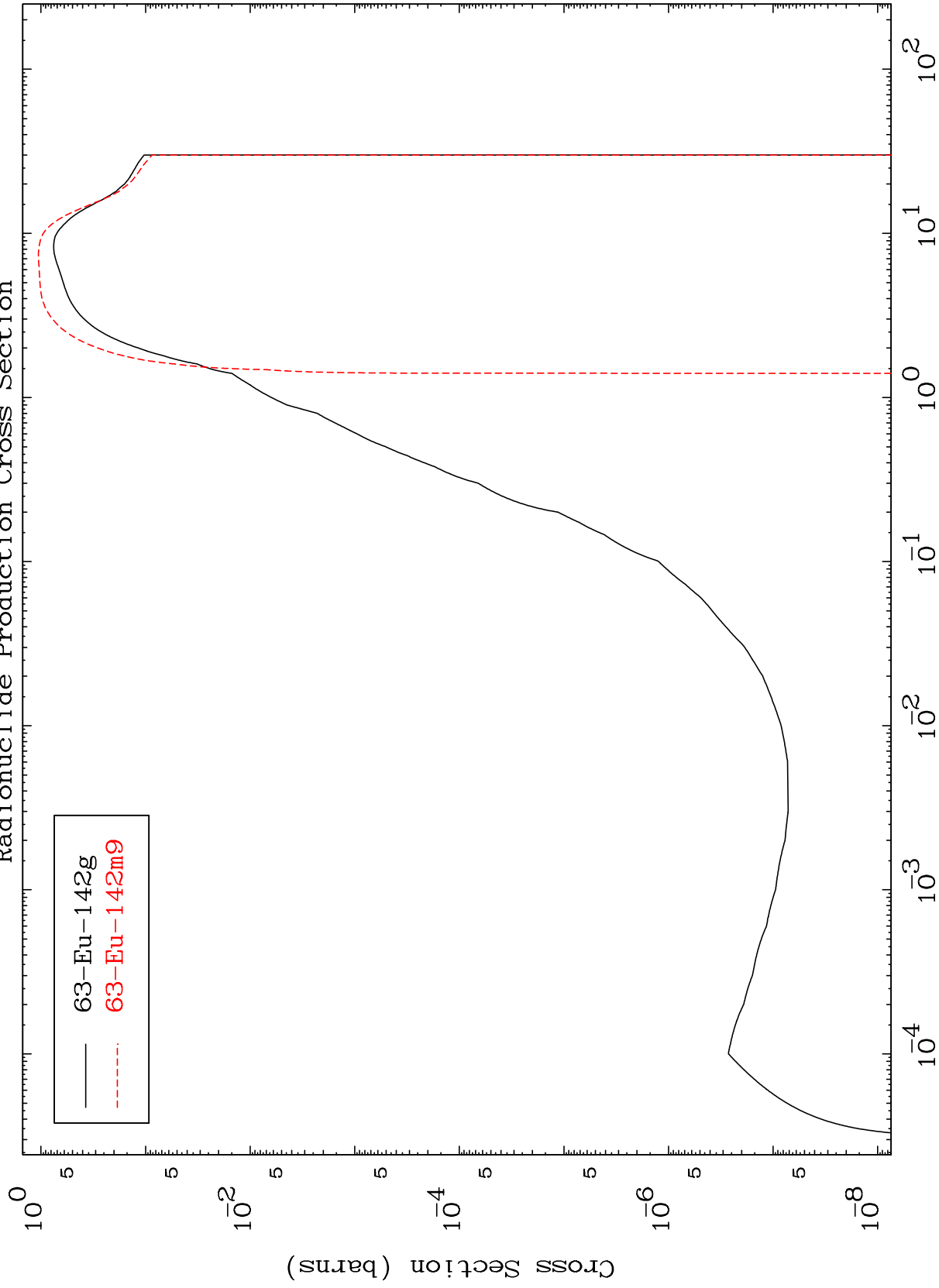
Incident Energy (MeV)

63-Eu-142

MAT 6299

Inelastic Radionuclide Production Cross Section

63-Eu-142



17

Incident Energy (MeV)

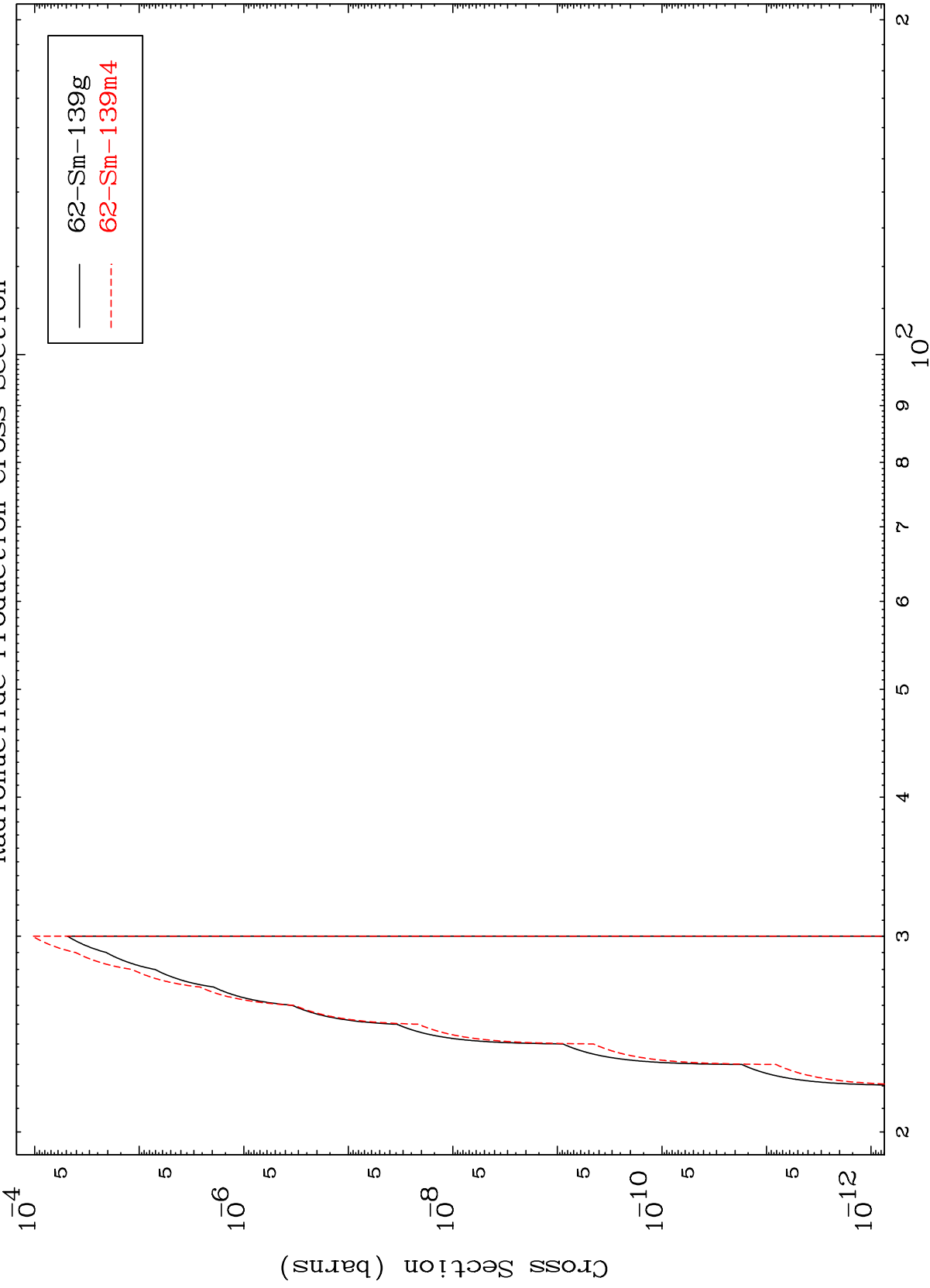
63-Eu-142

MAT 6299

(n,2n) d

63-Eu-142

Radionuclide Production Cross Section



18

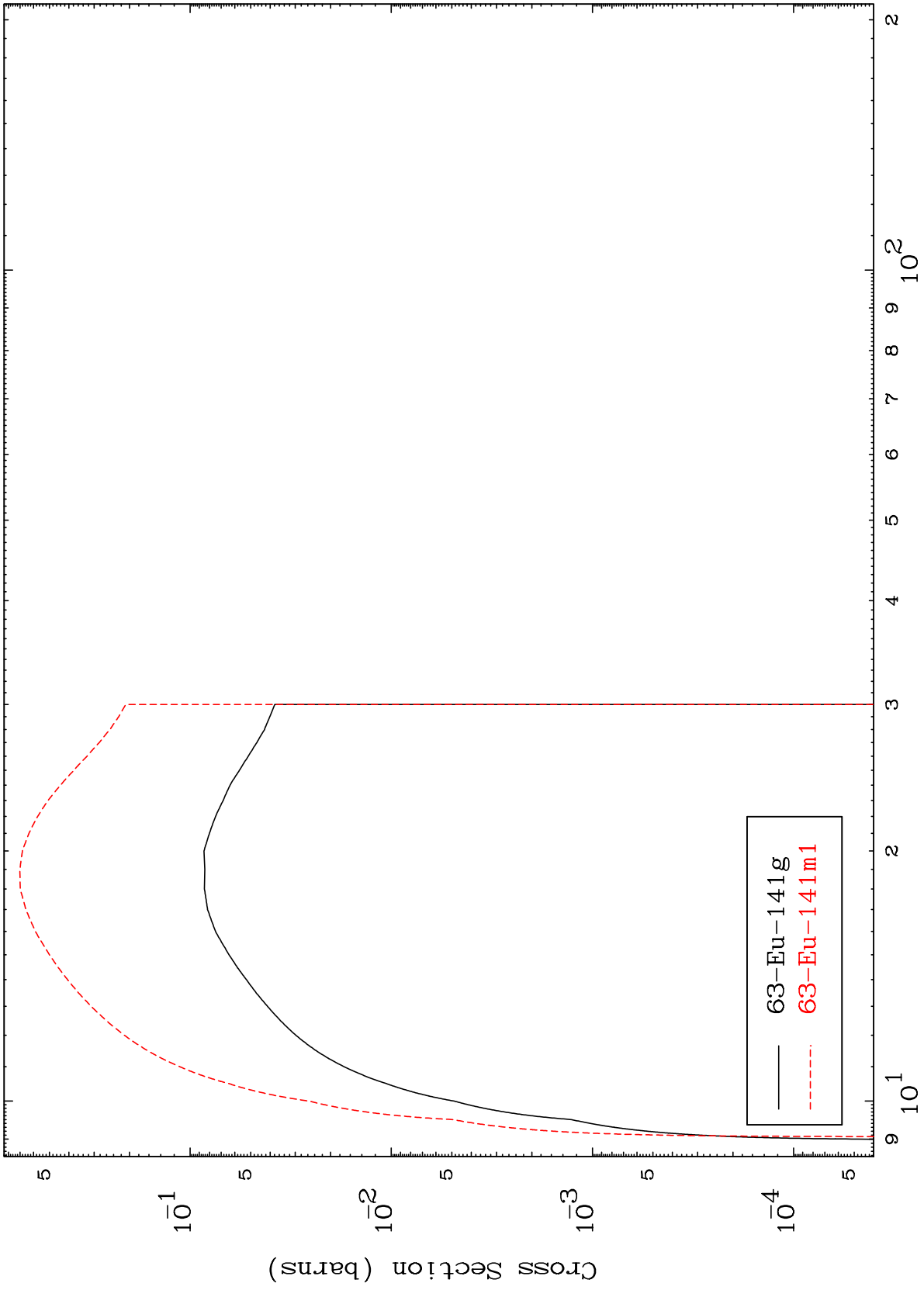
Incident Energy (MeV)

63-Eu-142

MAT 6299

63-Eu-142

Radionuclide Production Cross Section
(n,2n)



19

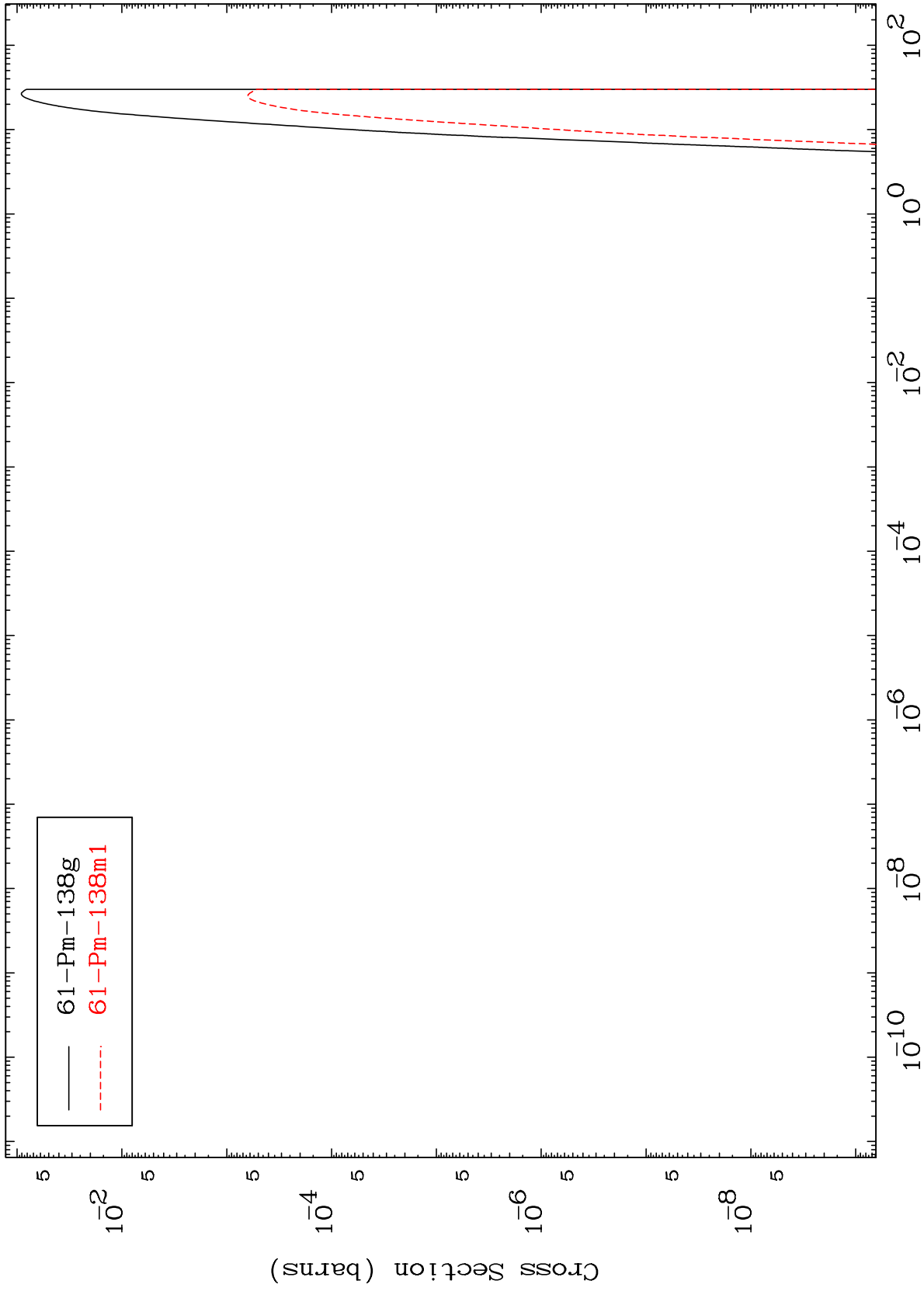
63-Eu-142

MAT 6299

(n,n') α

63-Eu-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

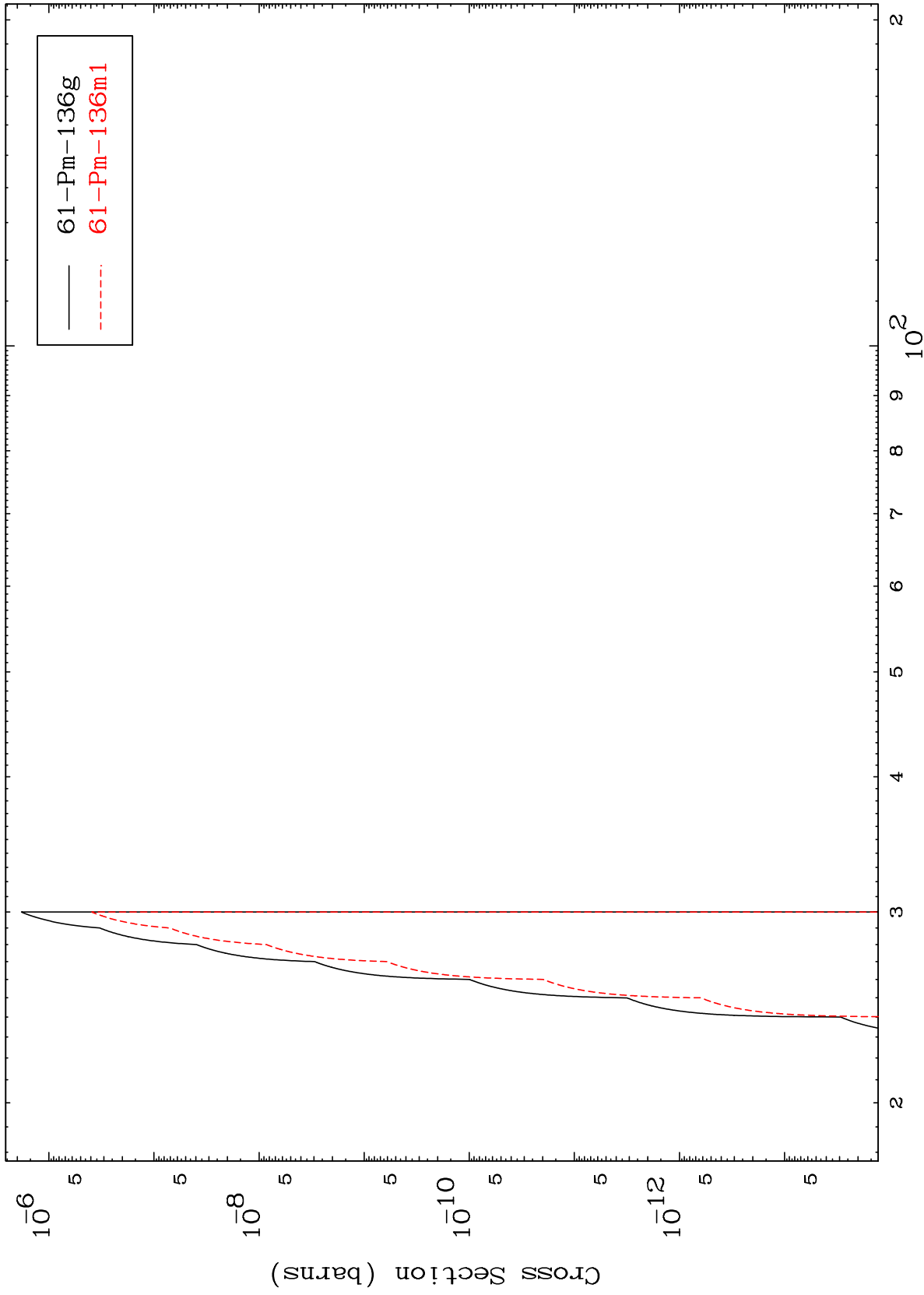
63-Eu-142

MAT 6299

(n,3n) α

63-Eu-142

Radionuclide Production Cross Section



21

Incident Energy (MeV)

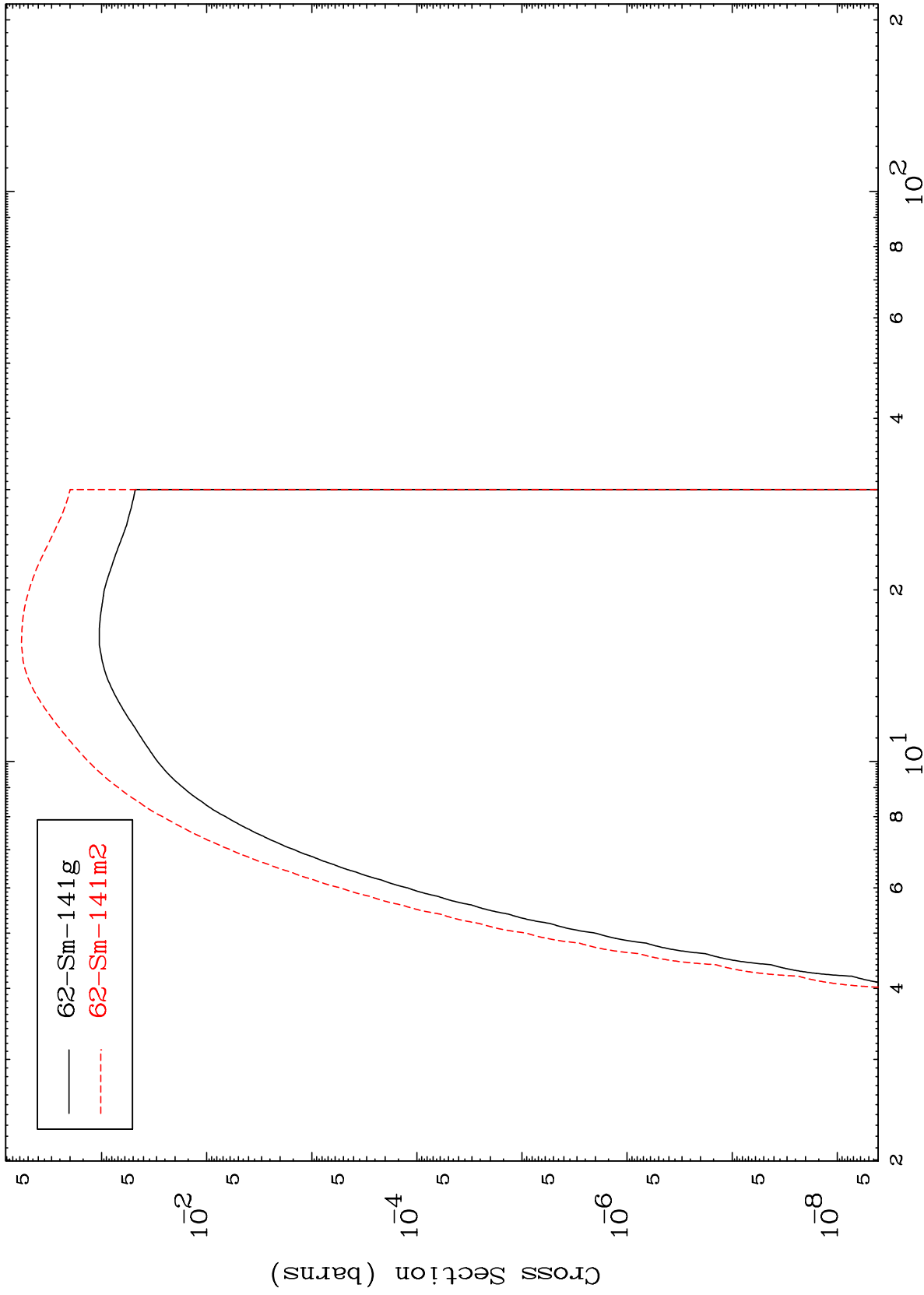
63-Eu-142

MAT 6299

(n,n') p

63-Eu-142

Radionuclide Production Cross Section



62-Sm-141g
62-Sm-141m2

22

Incident Energy (MeV)

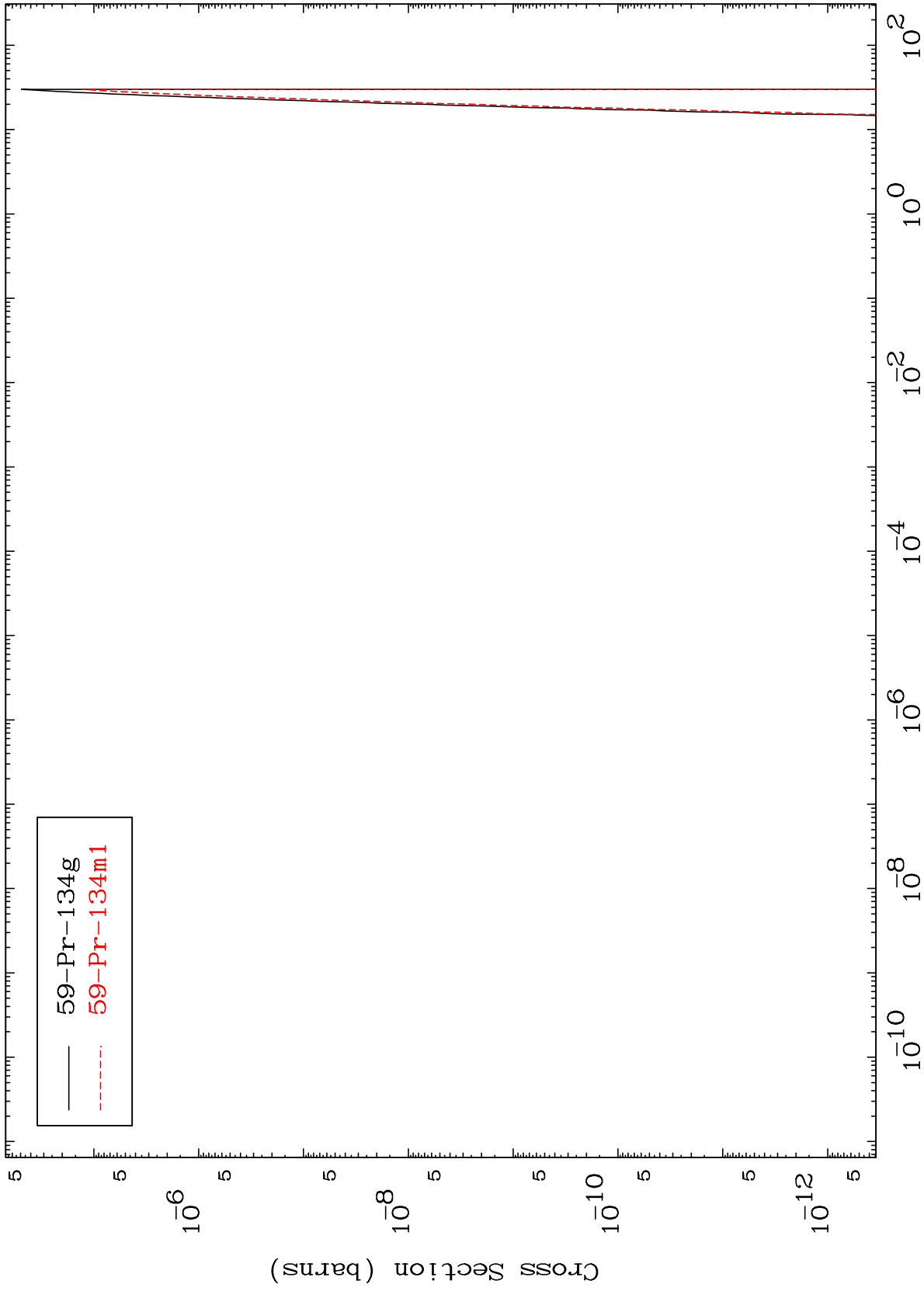
63-Eu-142

MAT 6299

(n,n') 2 α

63-Eu-142

Radionuclide Production Cross Section



23

Incident Energy (MeV)

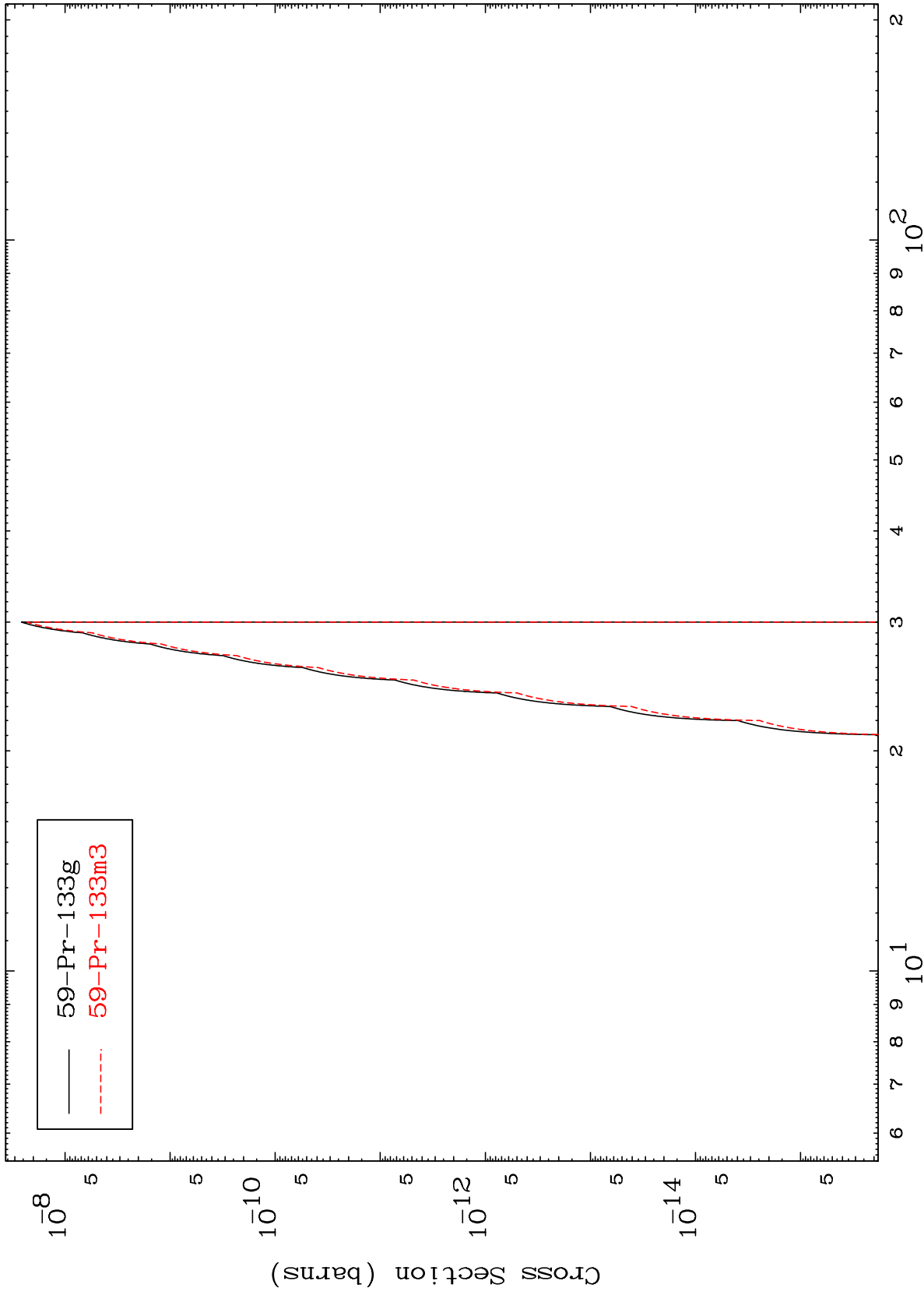
63-Eu-142

MAT 6299

(n,2n) 2 α

63-Eu-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

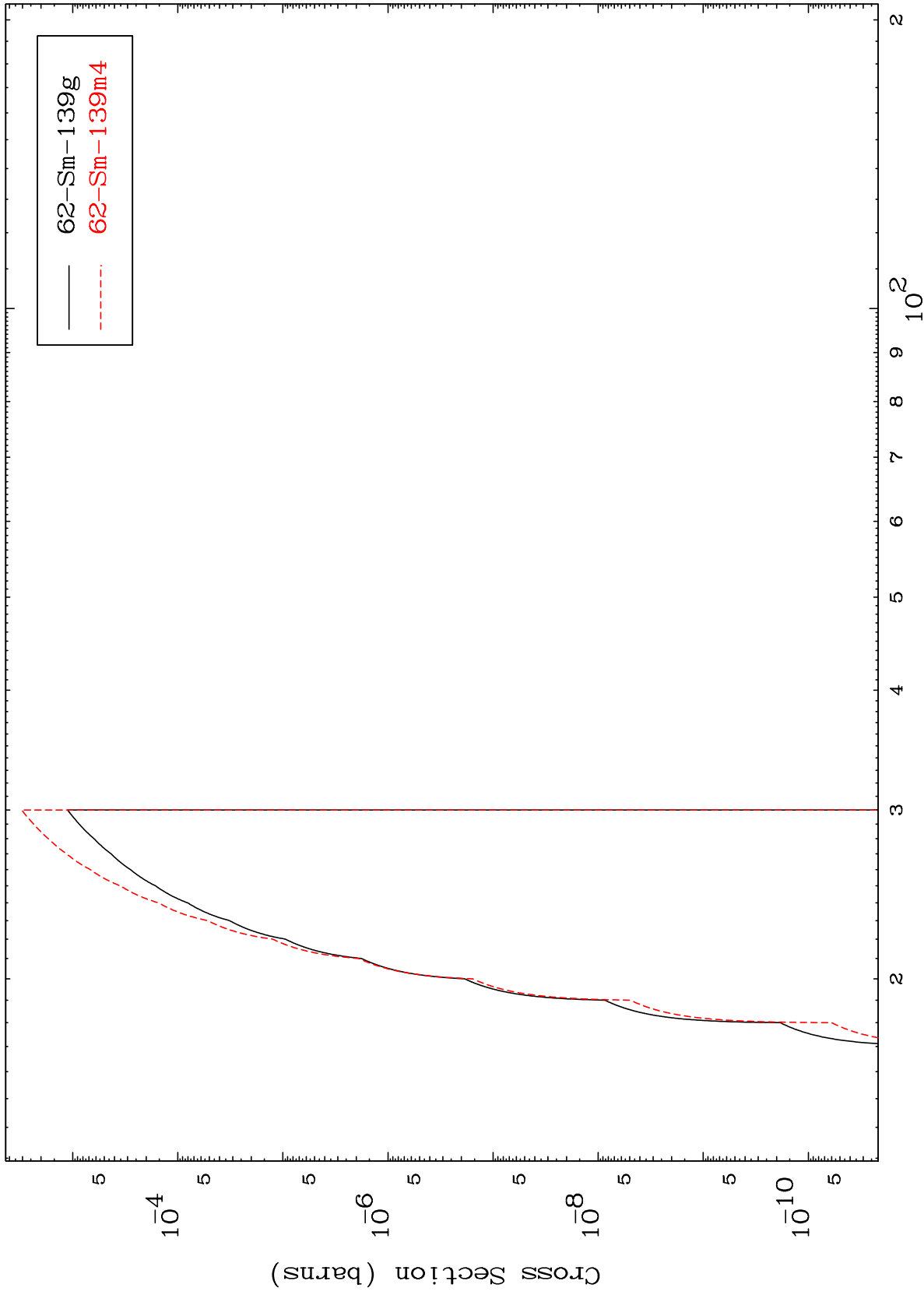
63-Eu-142

MAT 6299

(n,n') t

63-Eu-142

Radionuclide Production Cross Section



25

Incident Energy (MeV)

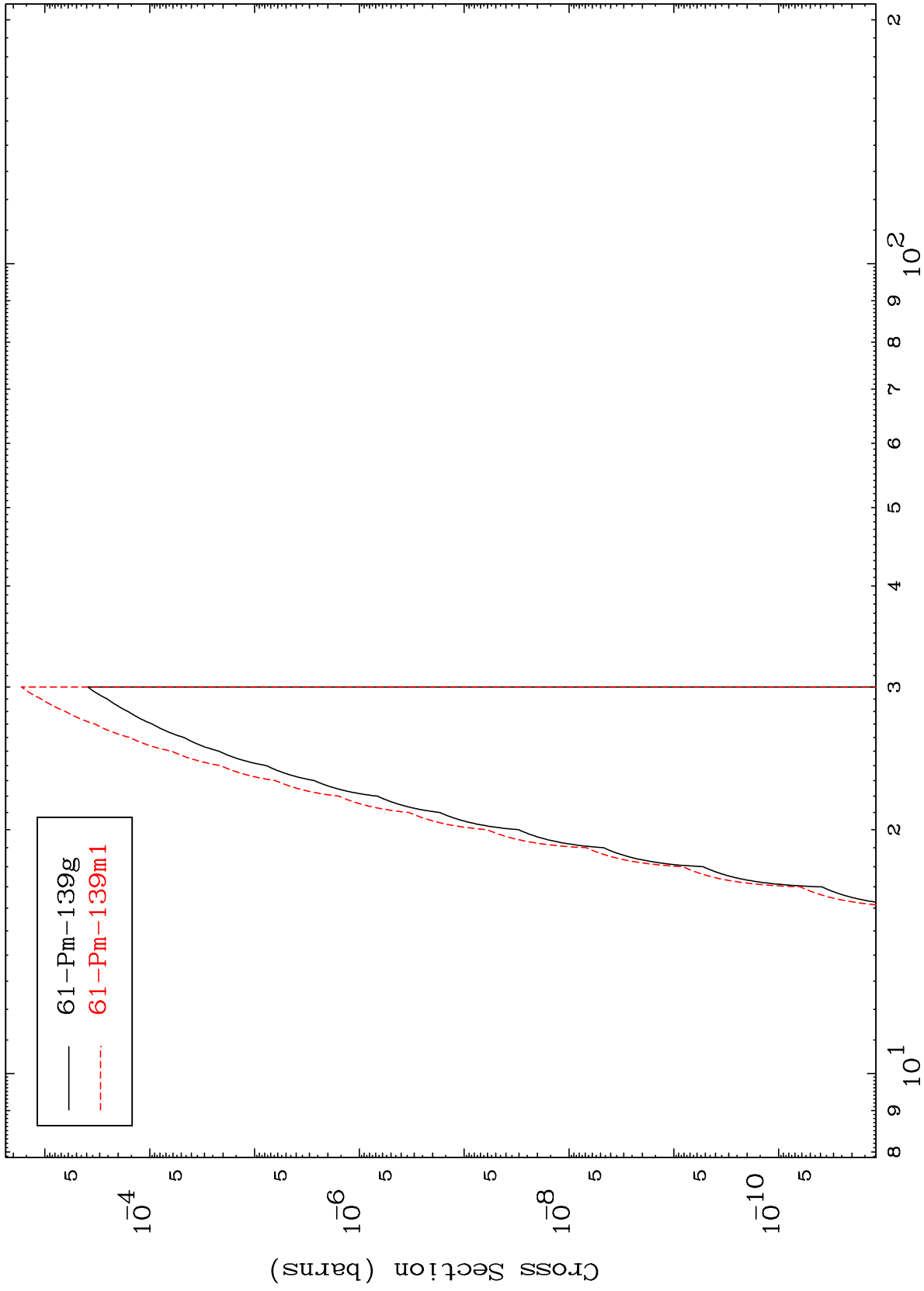
63-Eu-142

MAT 6299

(n, n') He-3

63-Eu-142

Radionuclide Production Cross Section



26

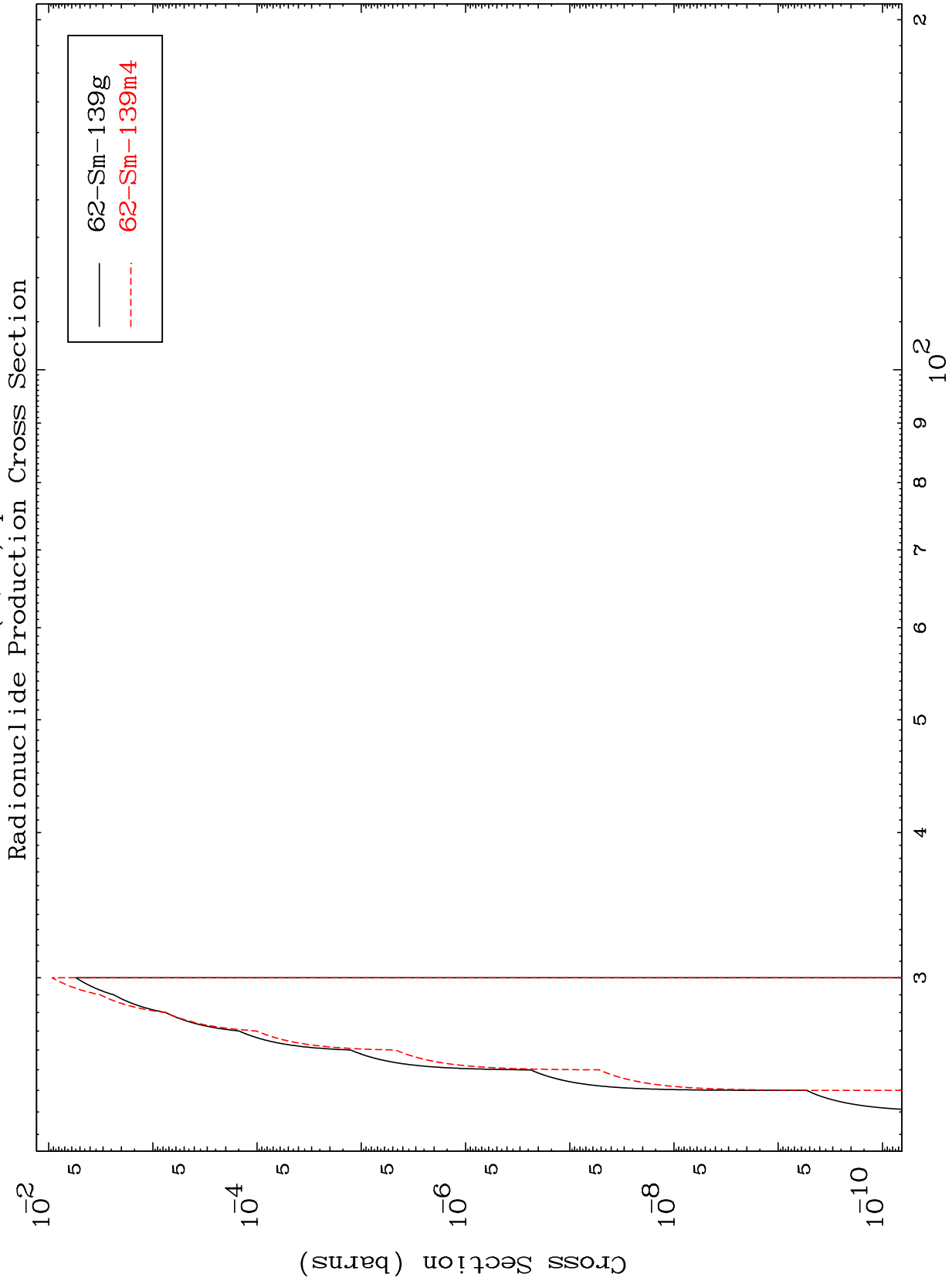
Incident Energy (MeV)

63-Eu-142

MAT 6299

(n,3n) p

63-Eu-142



27

Incident Energy (MeV)

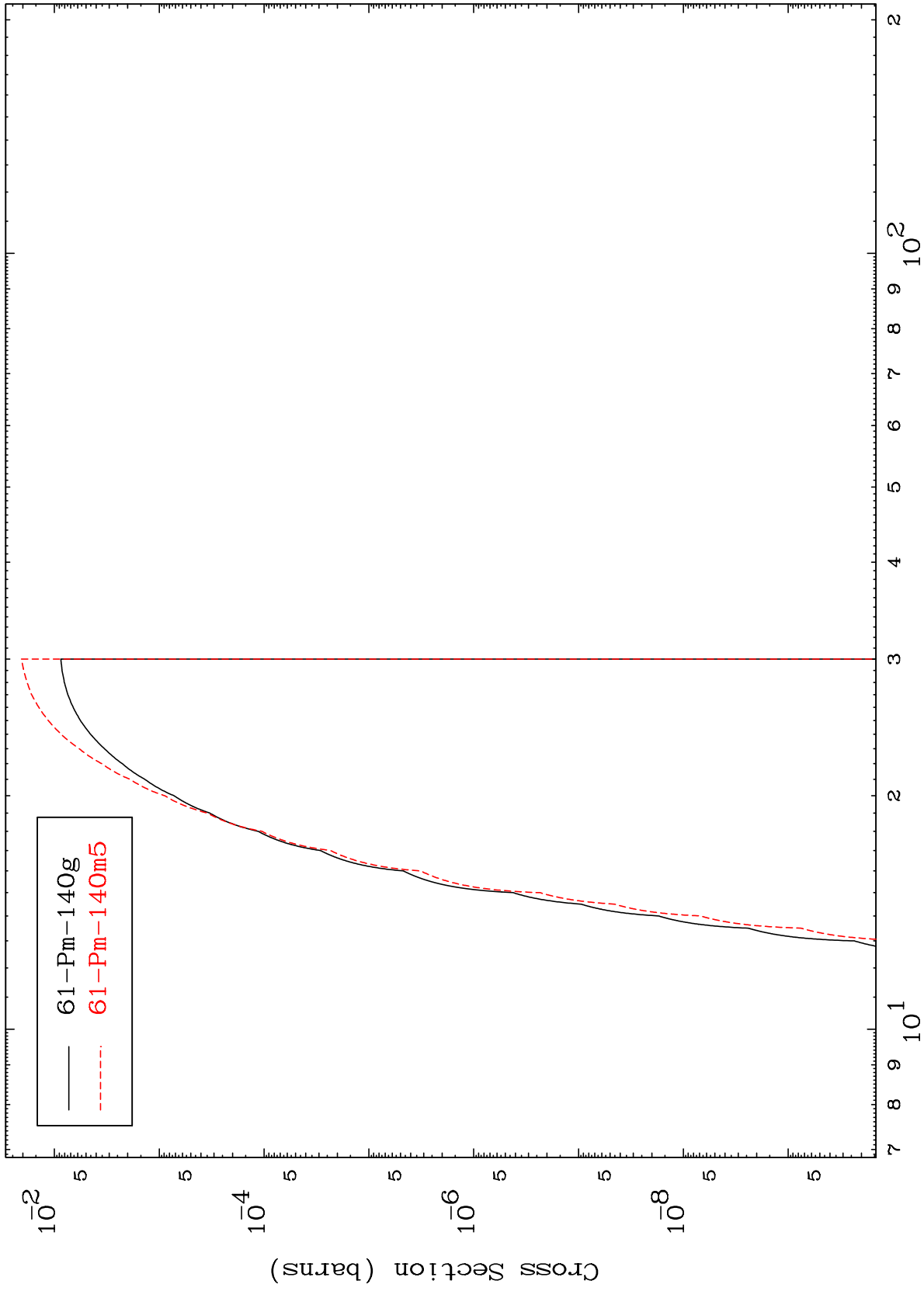
63-Eu-142

MAT 6299

(n,2n) p

63-Eu-142

Radionuclide Production Cross Section



28

Incident Energy (MeV)

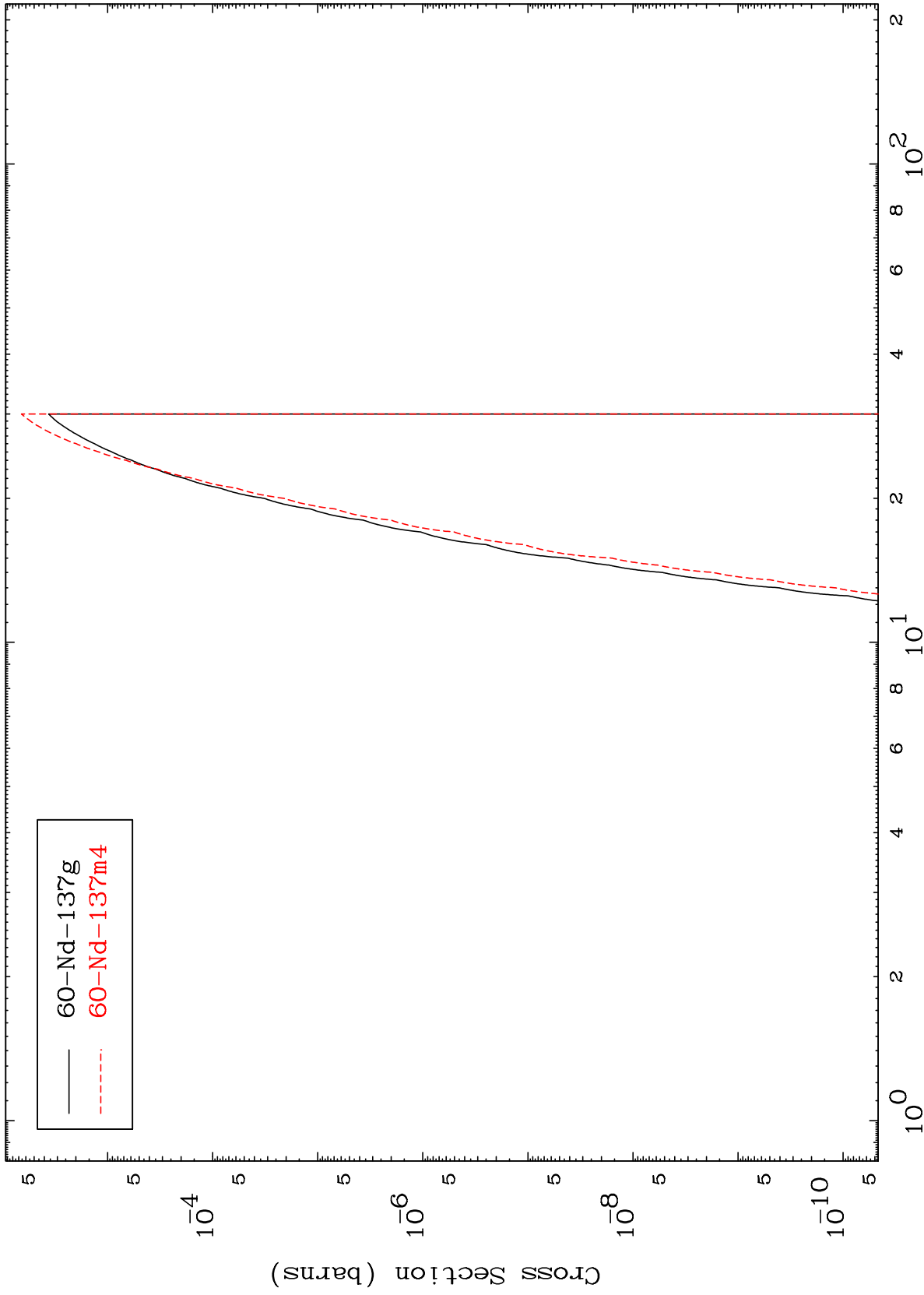
63-Eu-142

MAT 6299

(n,n') p α

63-Eu-142

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

29

Incident Energy (MeV)

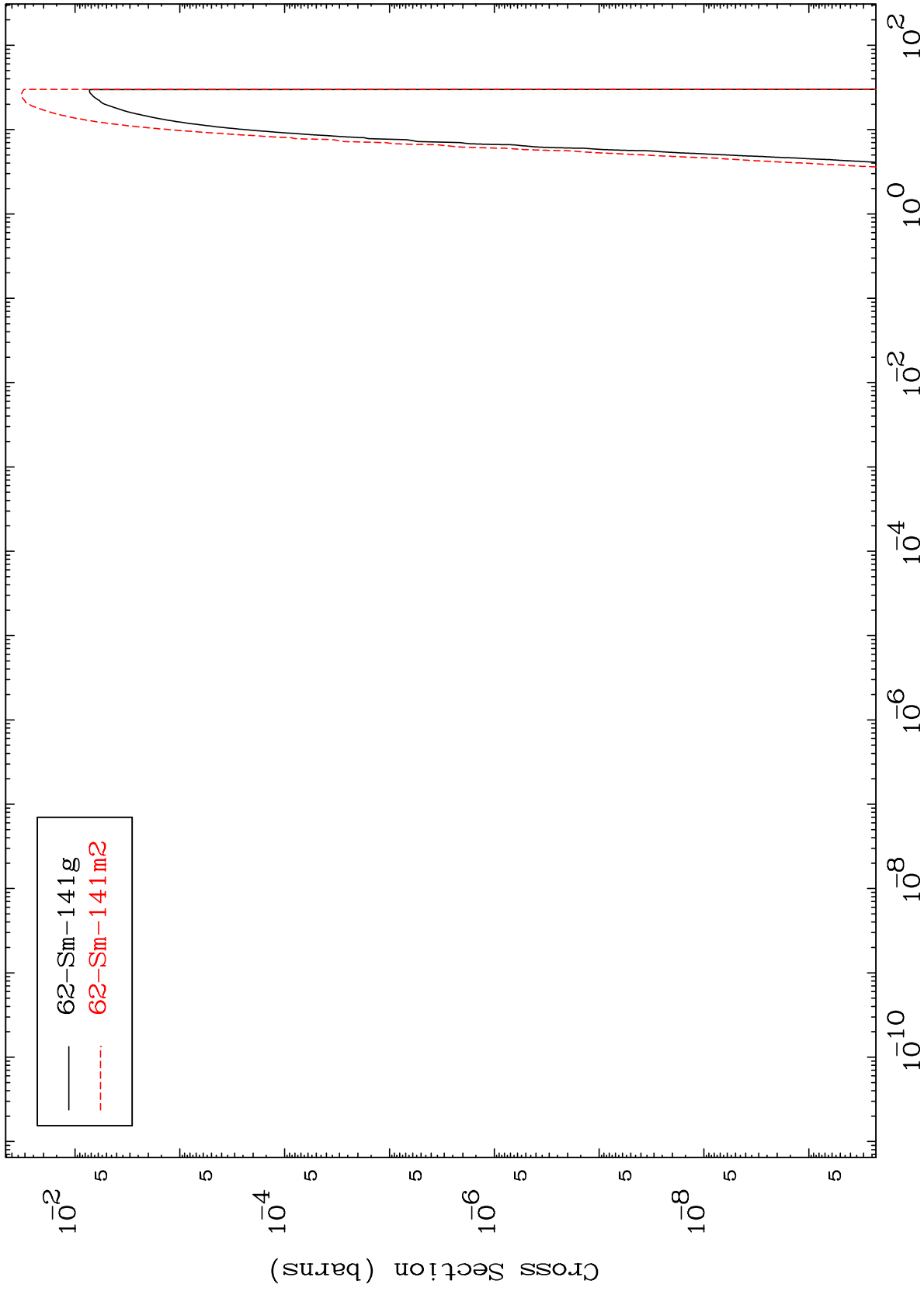
63-Eu-142

MAT 6299

(n,d)

63-Eu-142

Radionuclide Production Cross Section



30

Incident Energy (MeV)

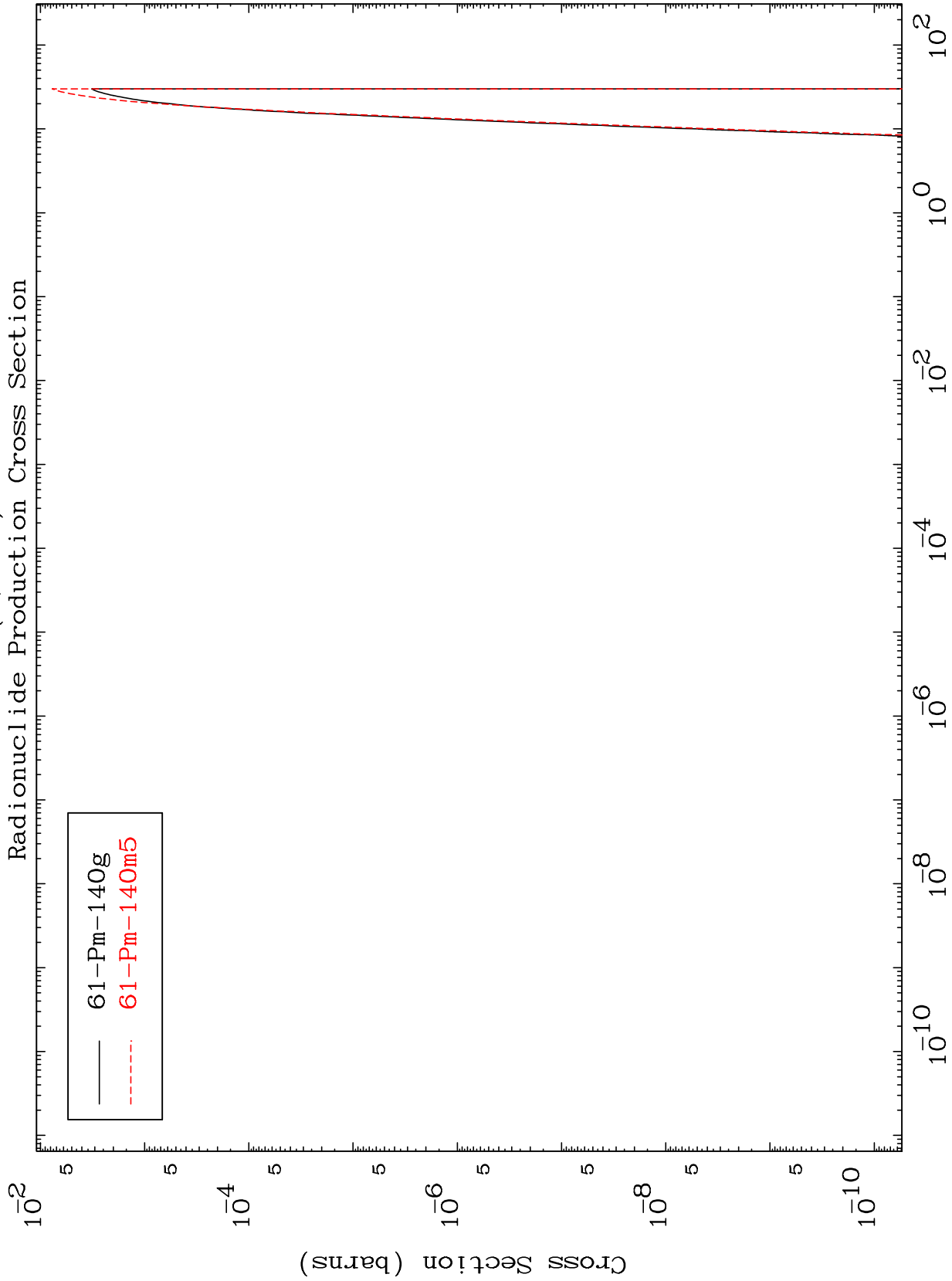
63-Eu-142

MAT 6299

(n, He-3)

63-Eu-142

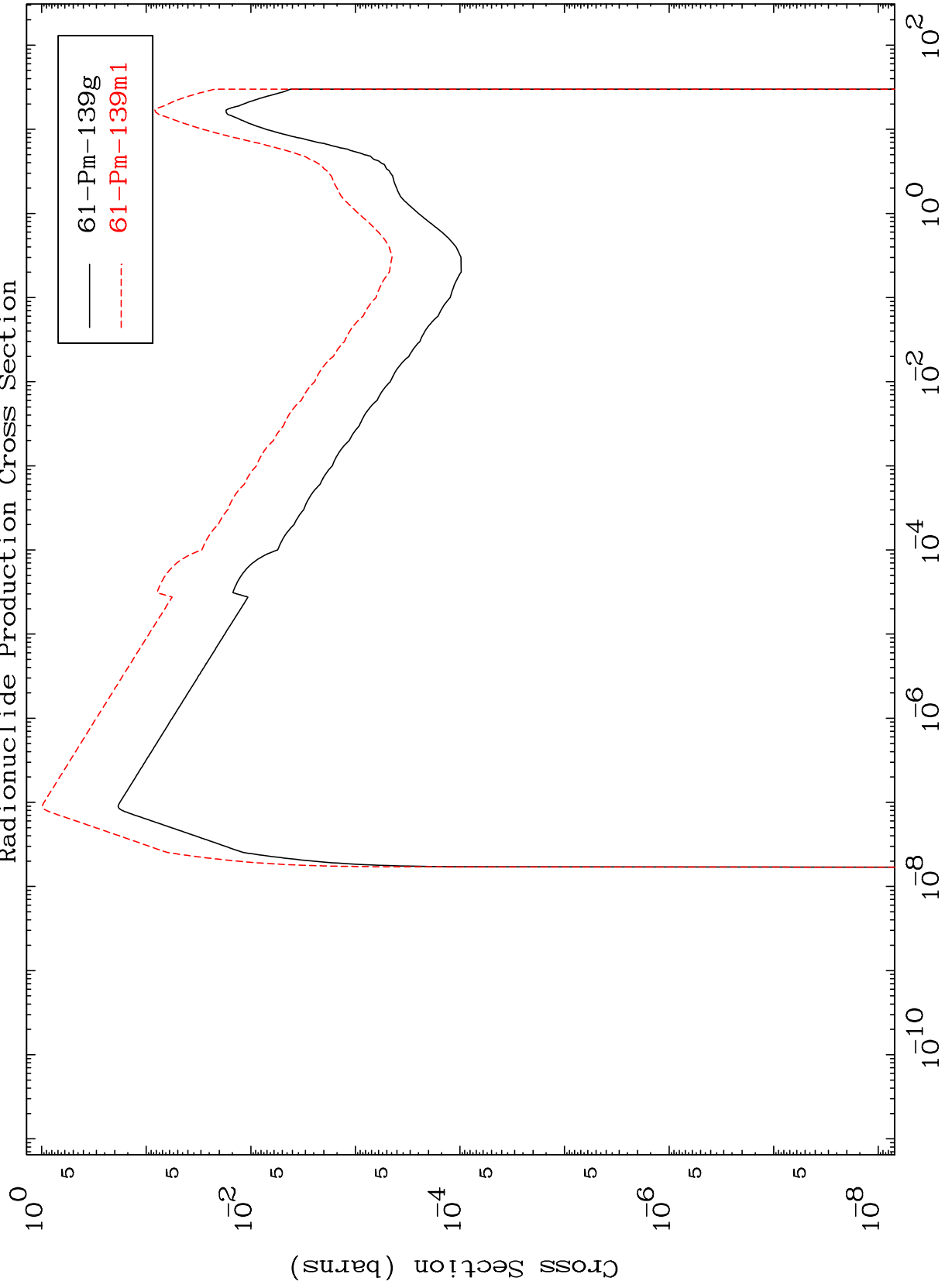
Radionuclide Production Cross Section



MAT 6299

63-Eu-142

(n, α)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

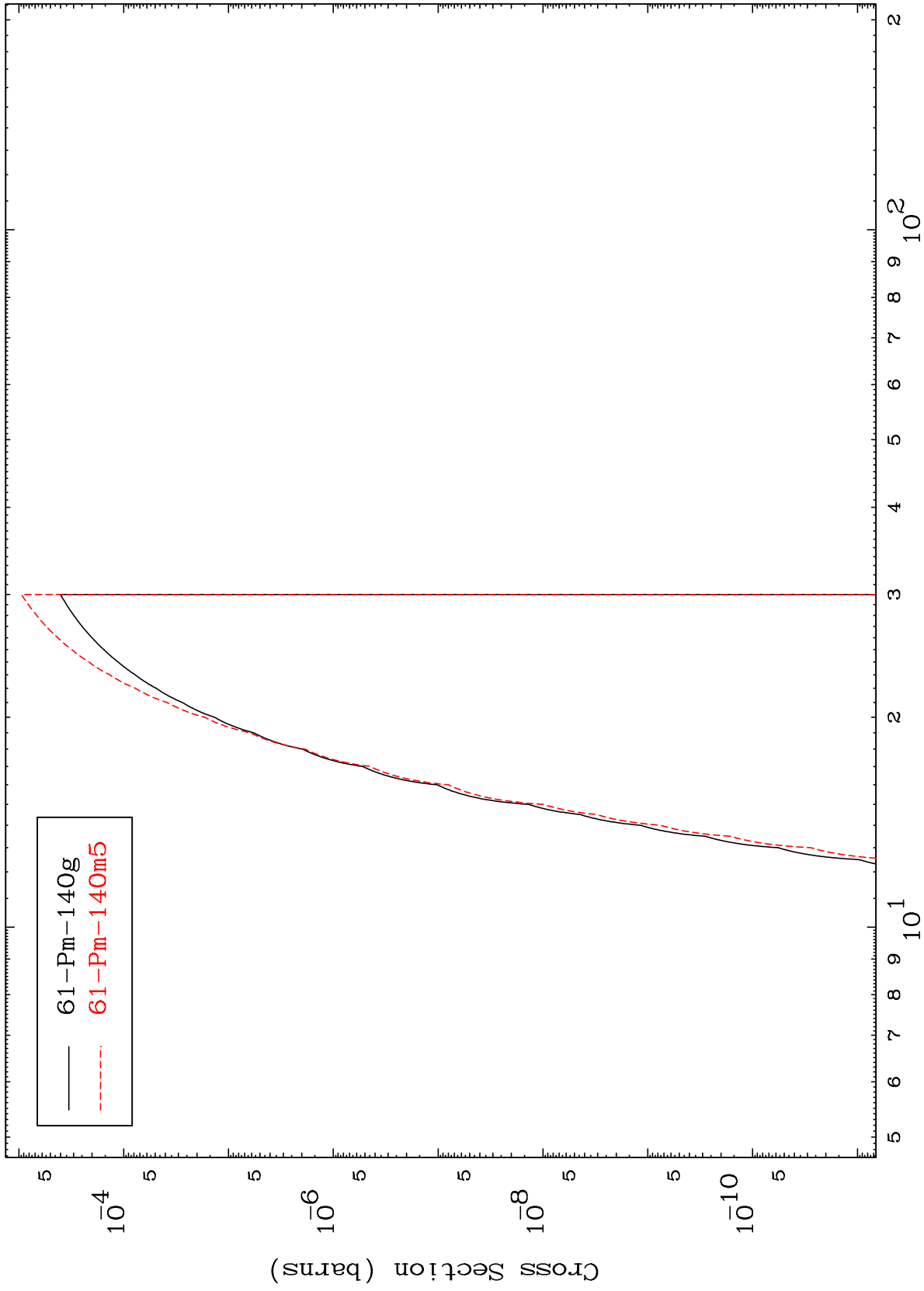
63-Eu-142

MAT 6299

(n,p) d

63-Eu-142

Radionuclide Production Cross Section



33

Incident Energy (MeV)

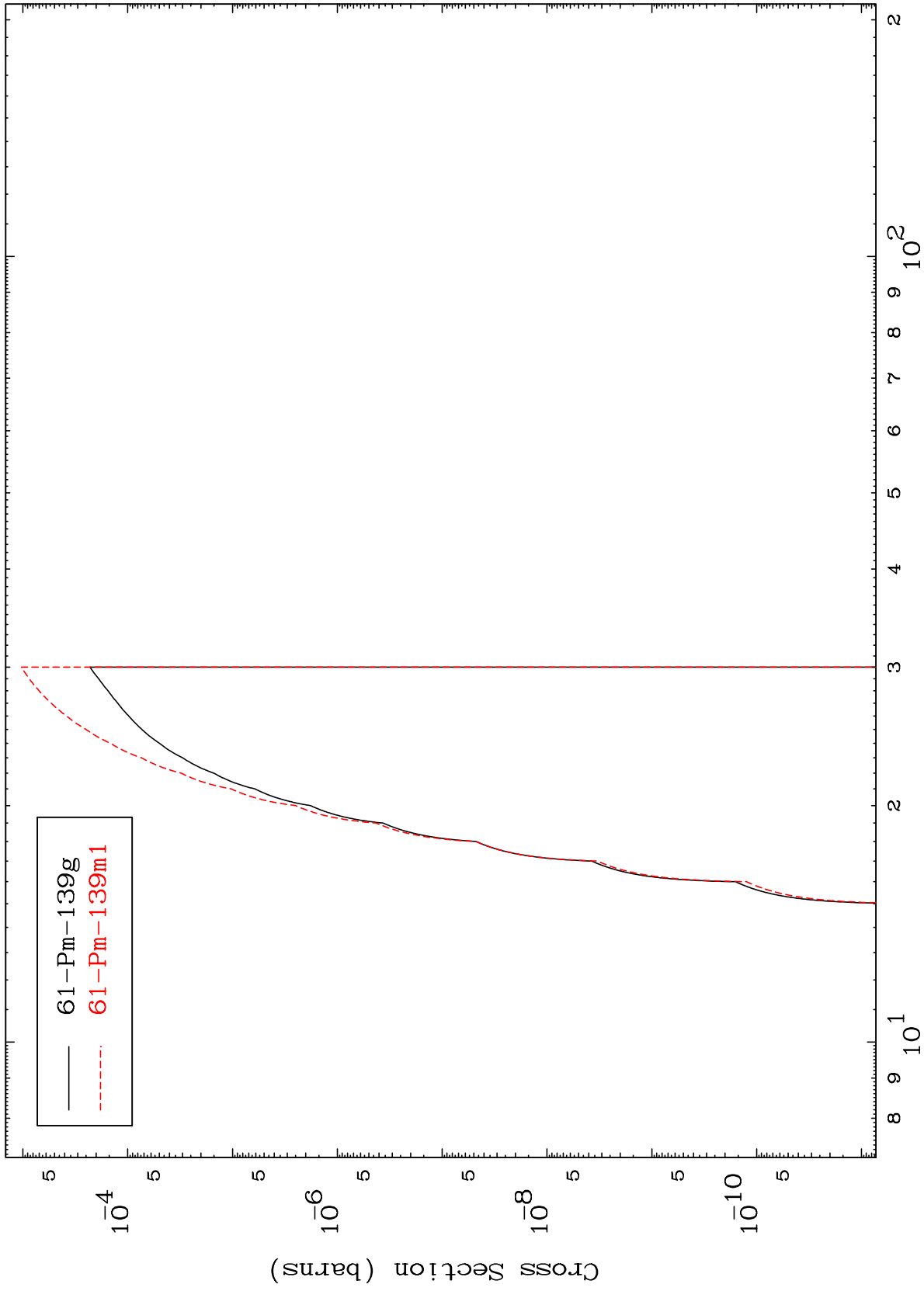
63-Eu-142

MAT 6299

(n,p) t

63-Eu-142

Radionuclide Production Cross Section



34

Incident Energy (MeV)

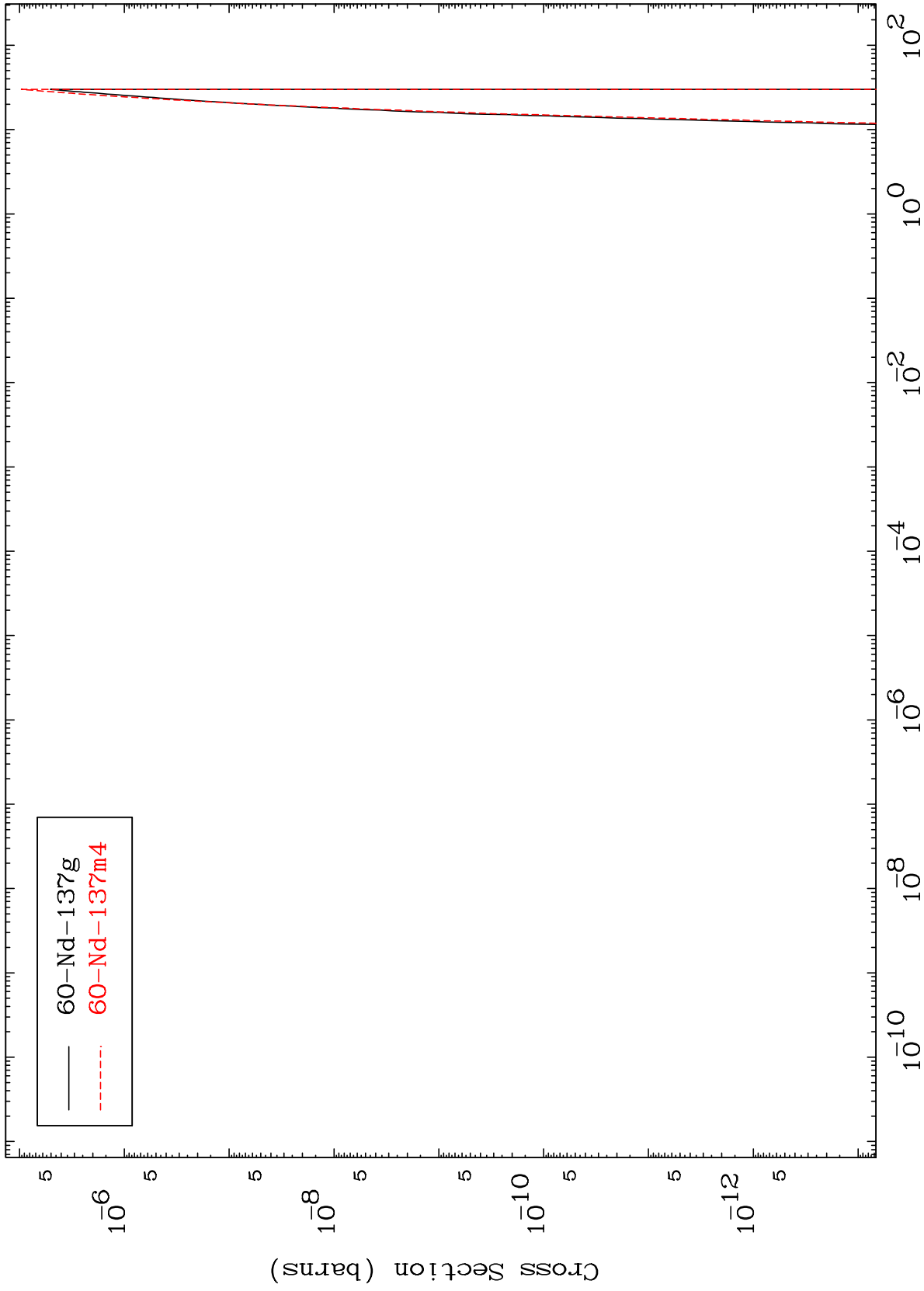
63-Eu-142

MAT 6299

(n,d) α

63-Eu-142

Radionuclide Production Cross Section



35

Incident Energy (MeV)

63-Eu-142