

Program EVALPLOT
(Version 2018-1)

by

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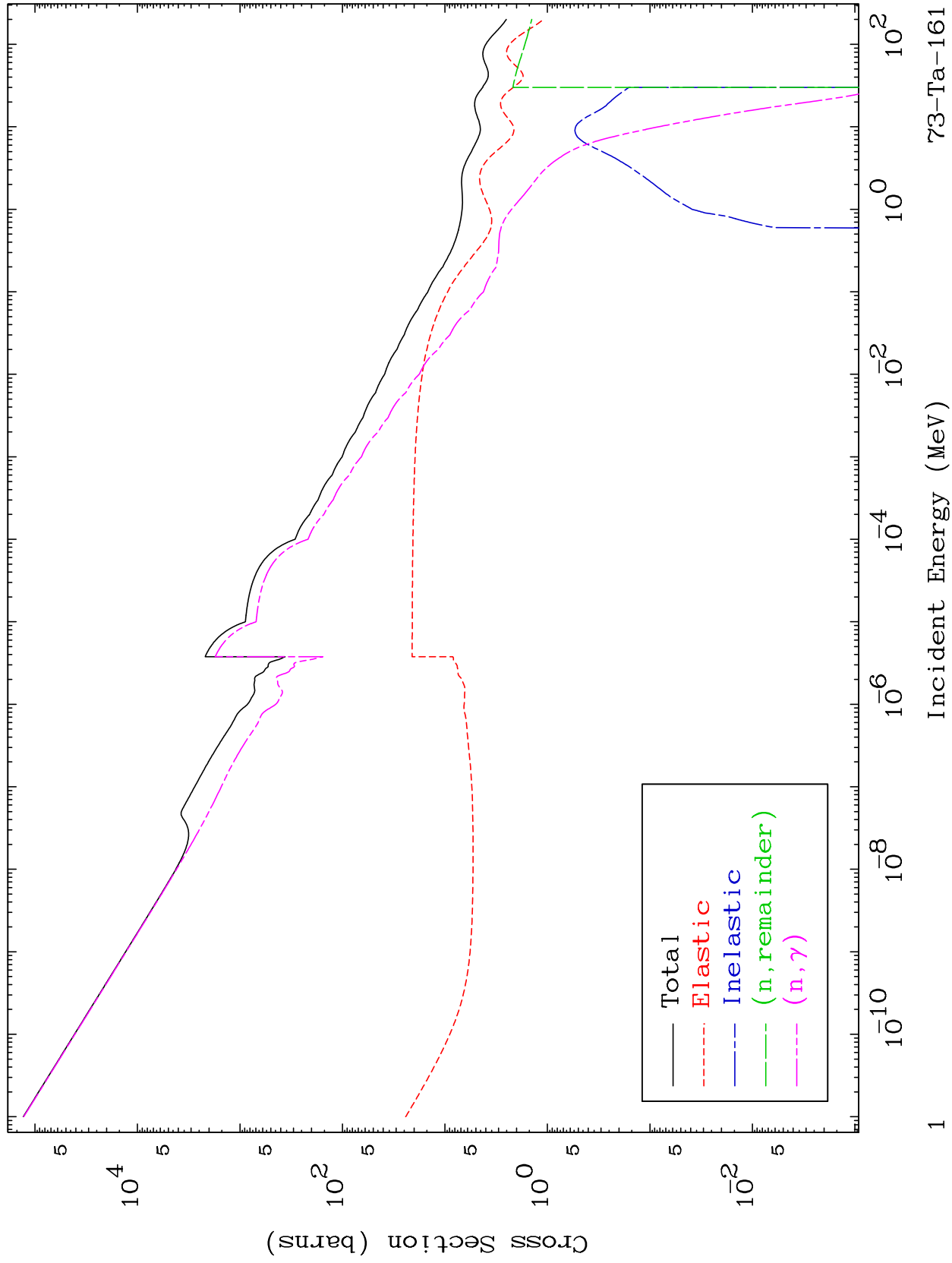
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7269

Major
293 Kelvin Cross Sections

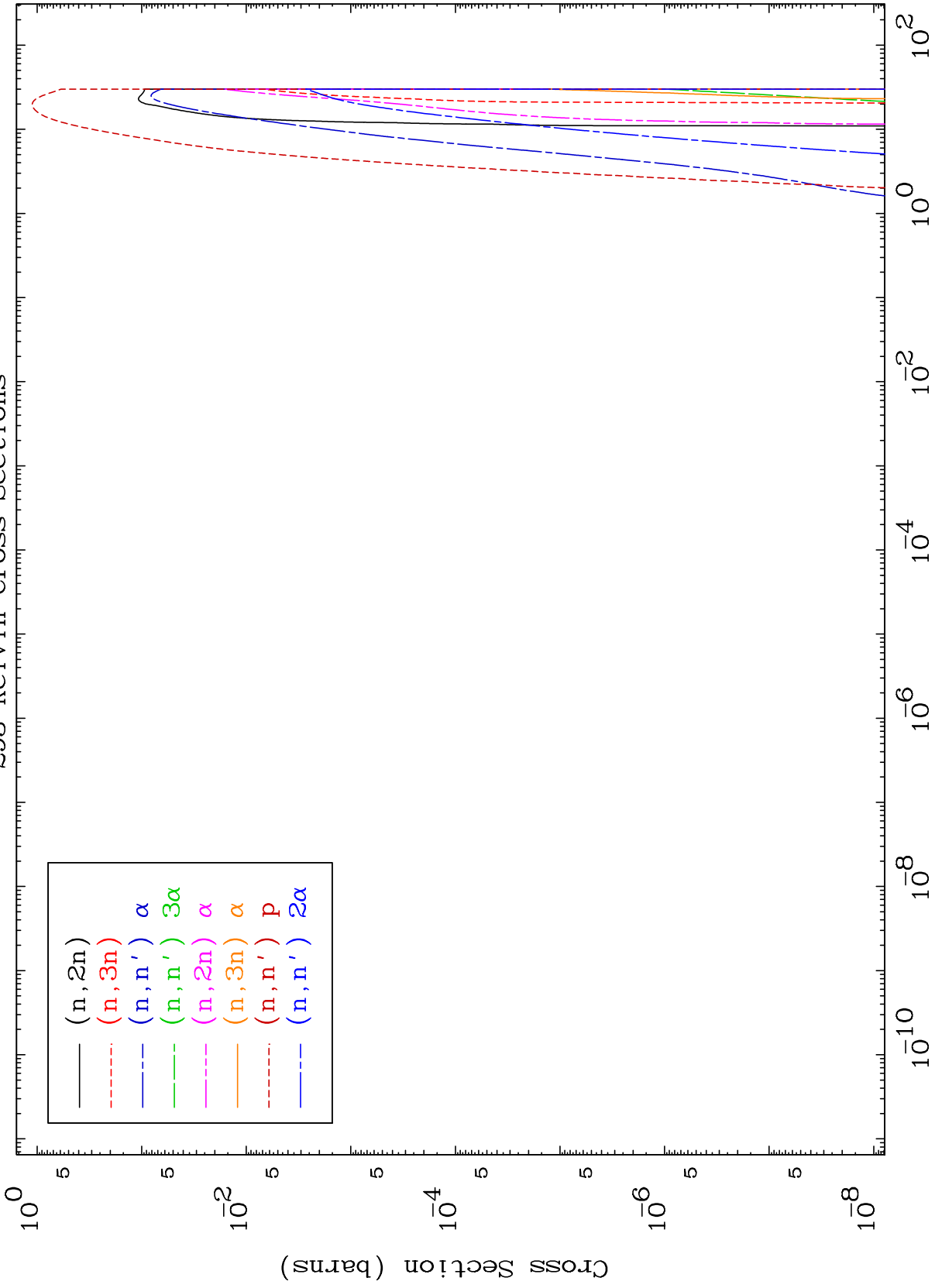
73-Ta-161



MAT 7269

Neutron Production
293 Kelvin Cross Sections

73-Ta-161



2

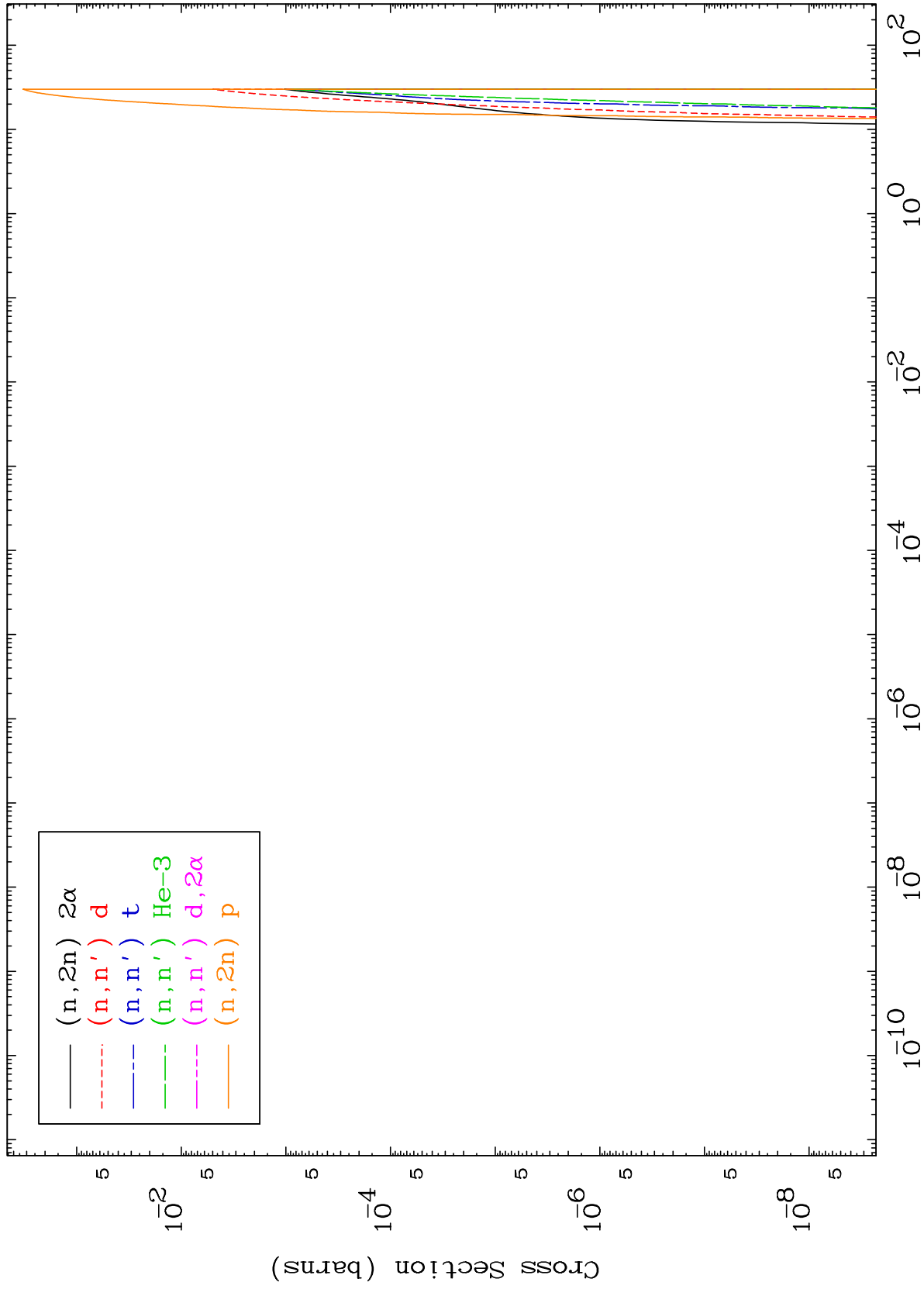
Incident Energy (MeV)

73-Ta-161

MAT 7269

Neutron Production
293 Kelvin Cross Sections

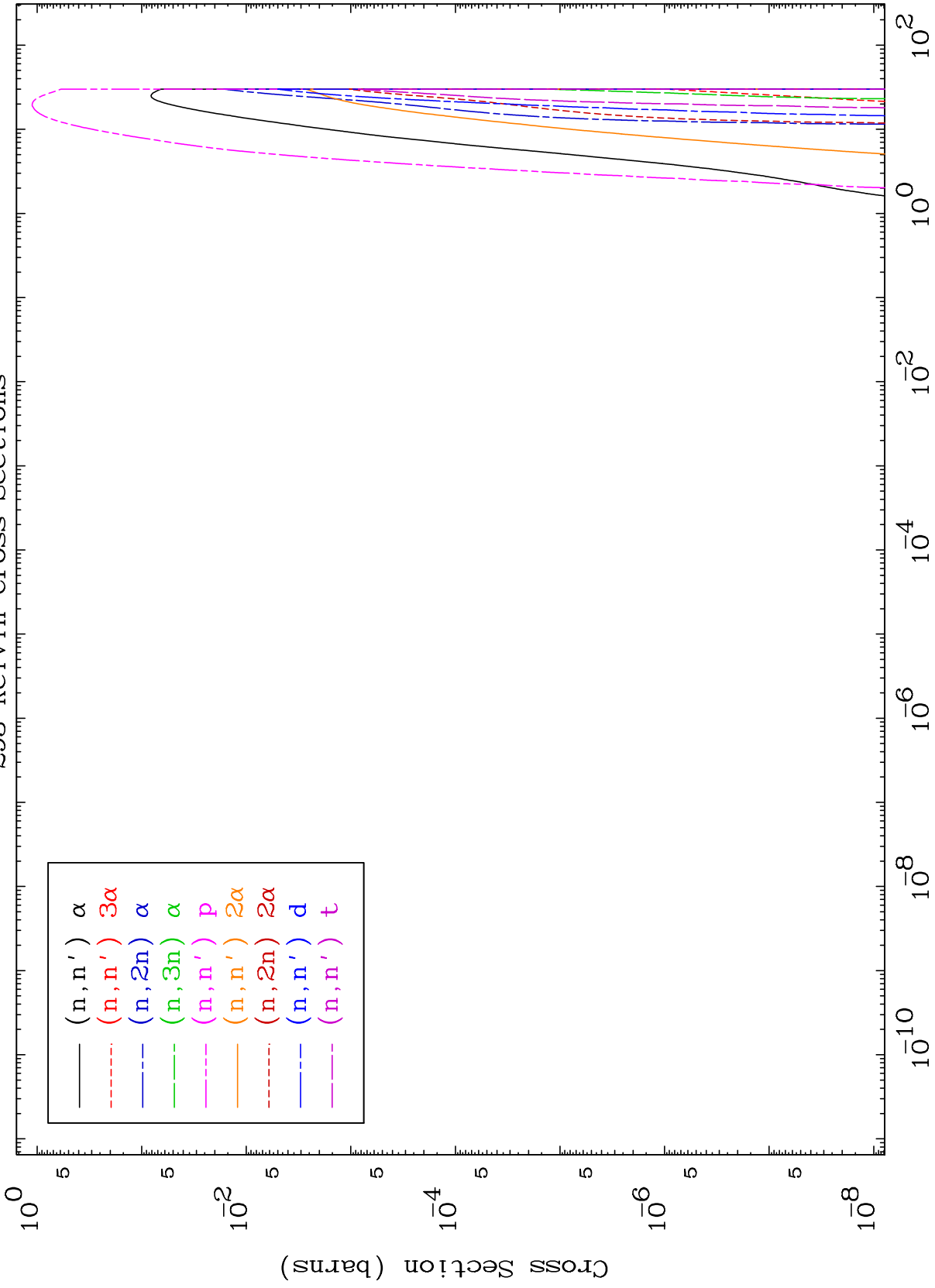
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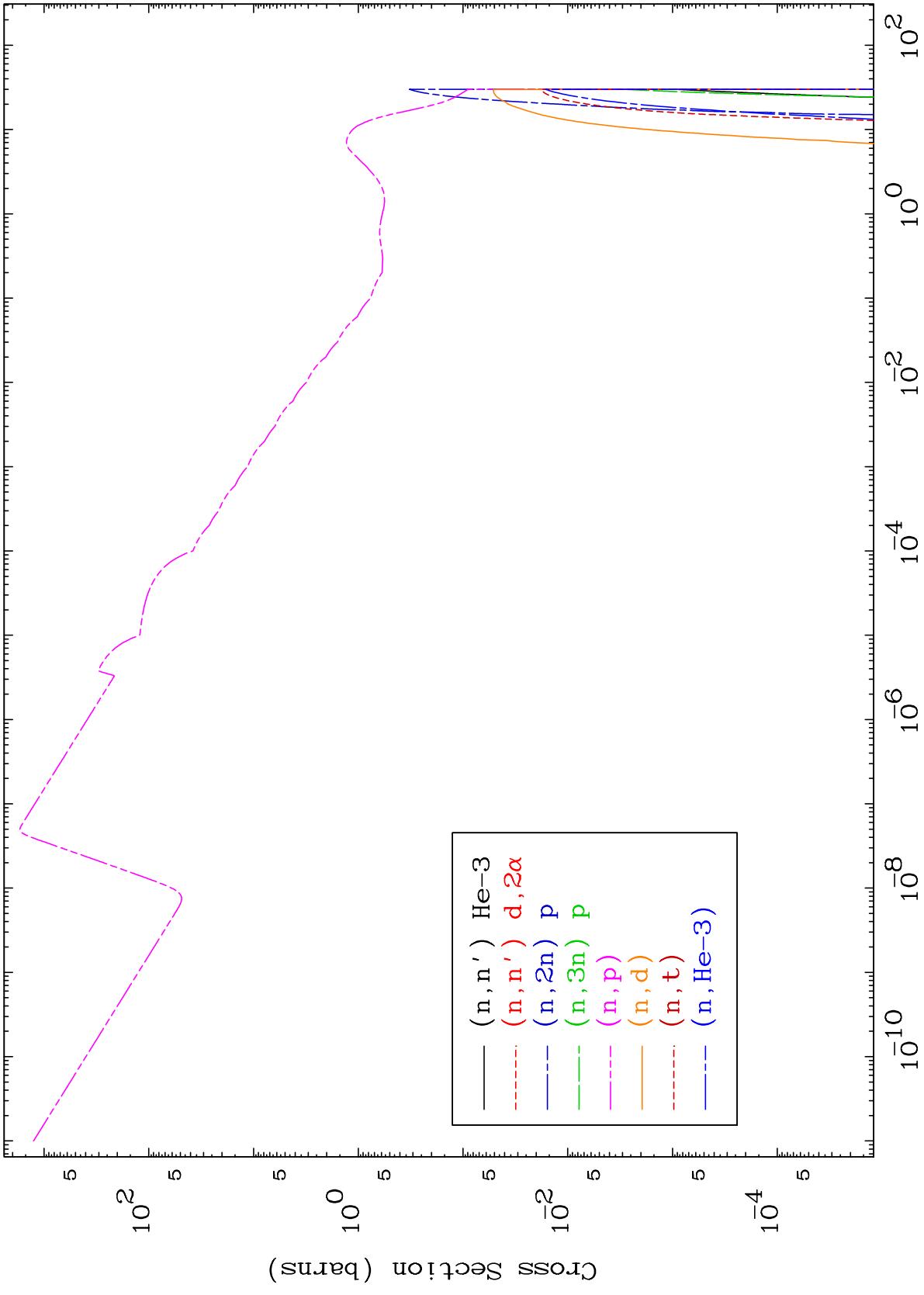


MAT 7269

293 Kelvin Cross Sections

73-Ta-161

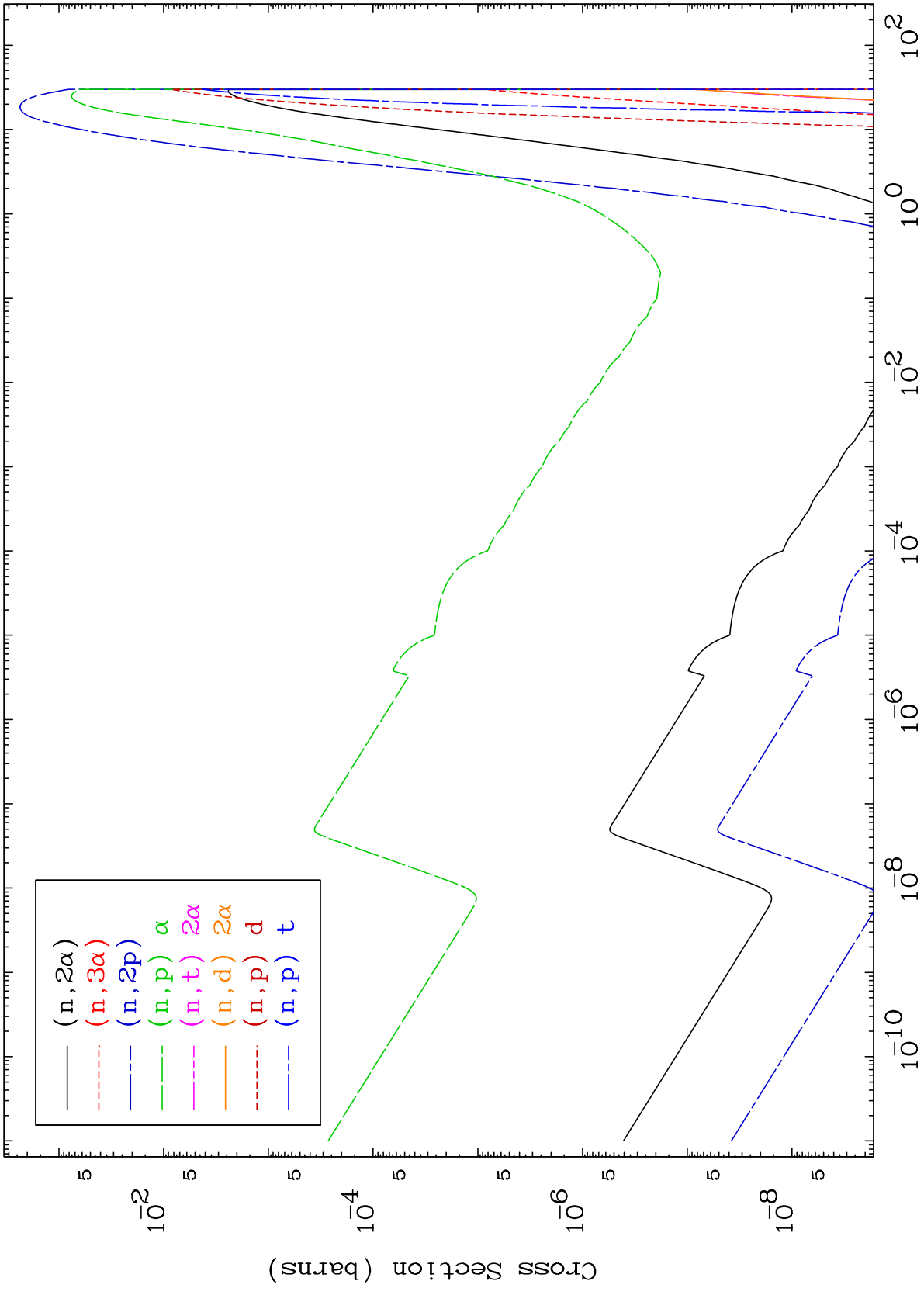




MAT 7269

Charged Particle
293 Kelvin Cross Sections

73-Ta-161



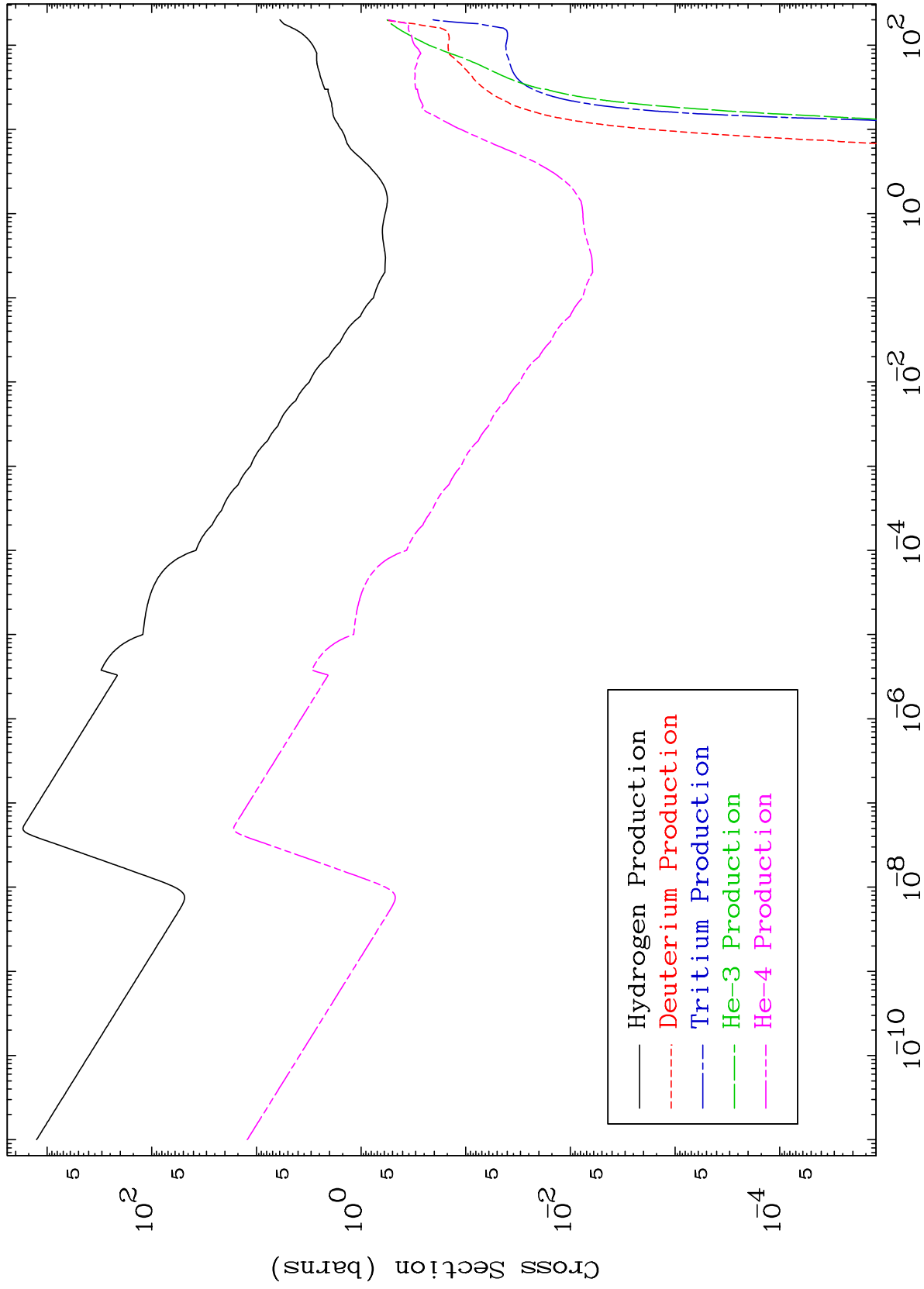
6

73-Ta-161

MAT 7269

Particle Production
293 Kelvin Cross Sections

73-Ta-161



7

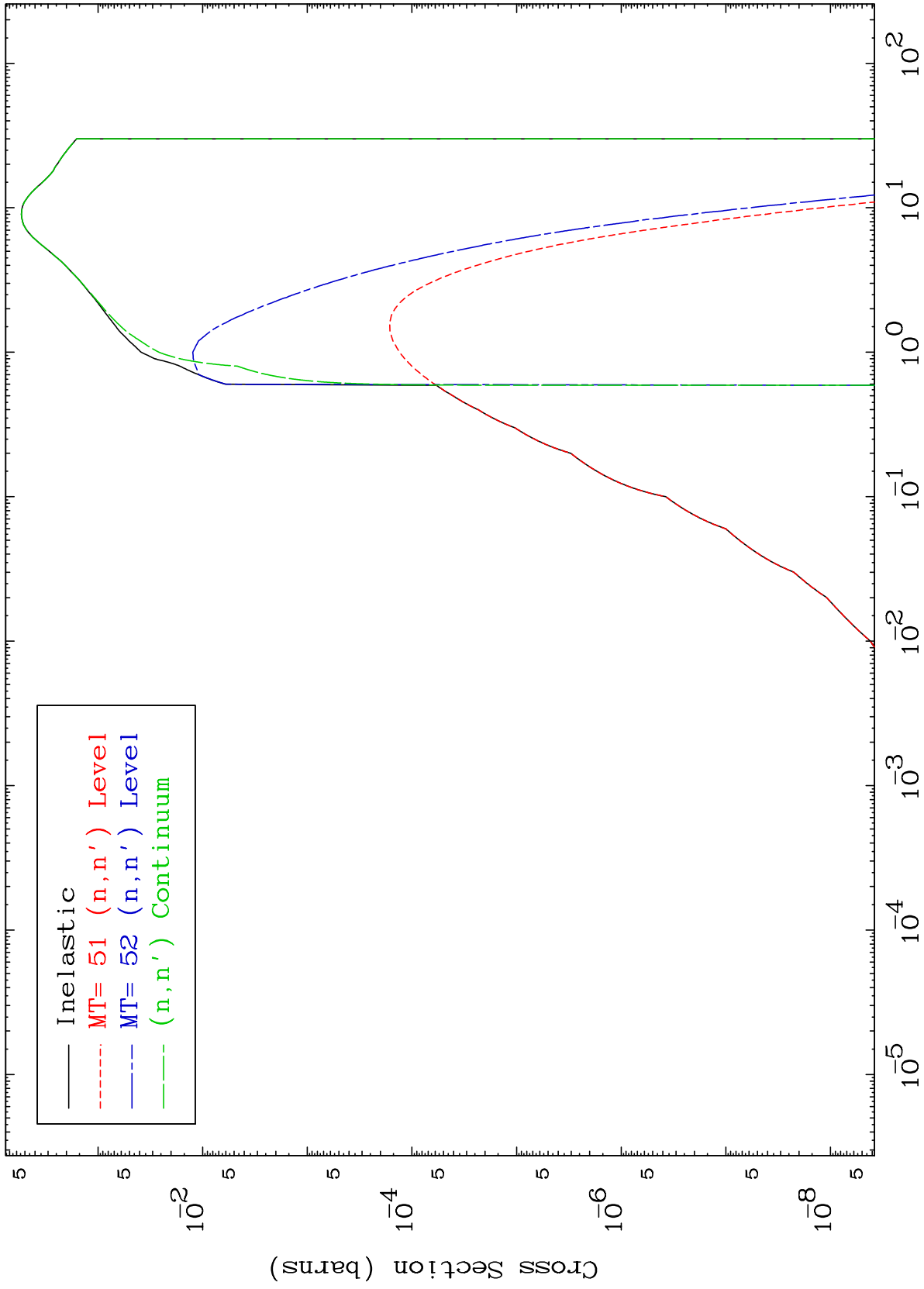
Incident Energy (MeV)

73-Ta-161

MAT 7269

(n,n') Level
293 Kelvin Cross Sections

73-Ta-161

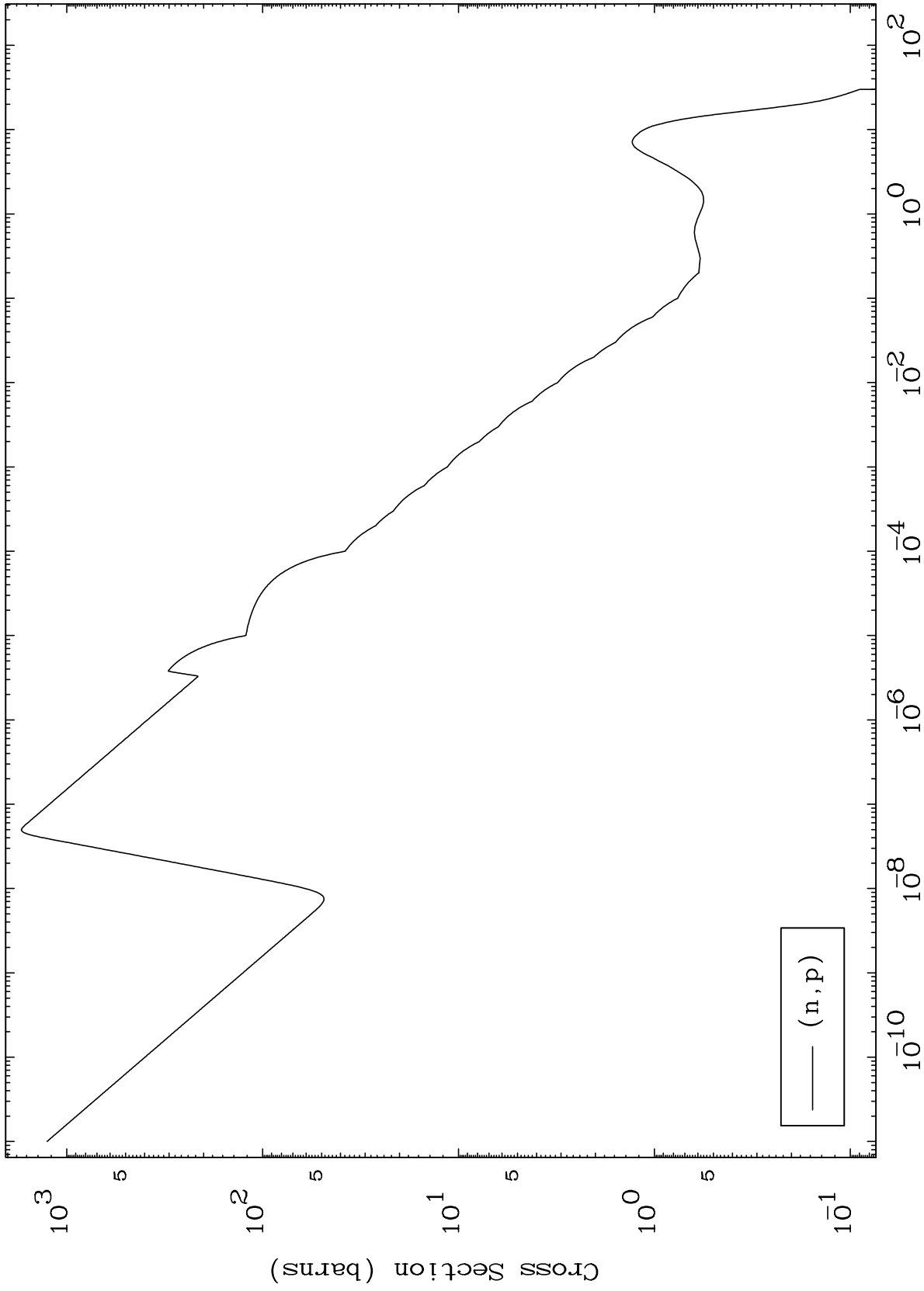


73-Ta-161

MAT 7269

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-161



9

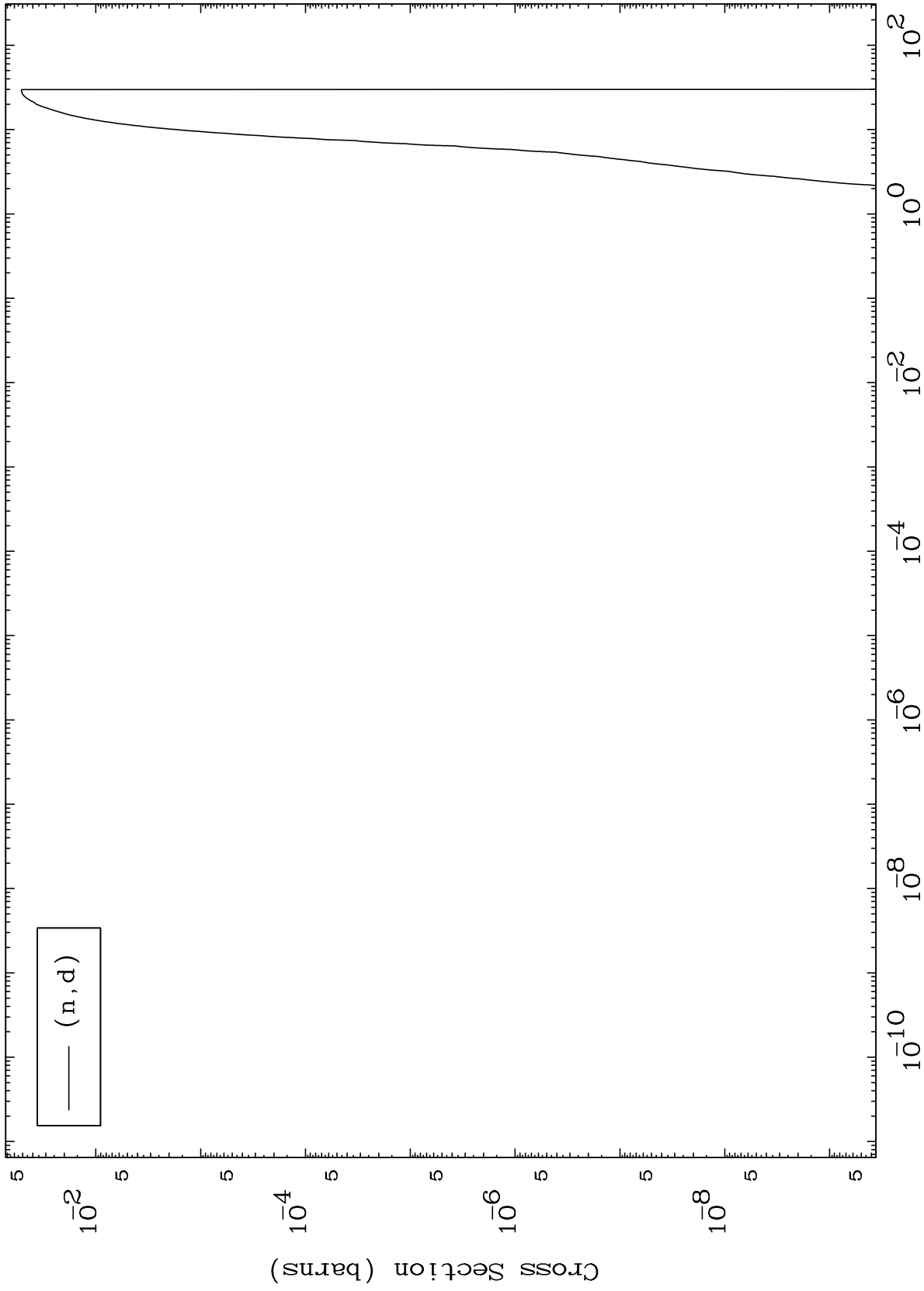
Incident Energy (MeV)

73-Ta-161

MAT 7269

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-161



10

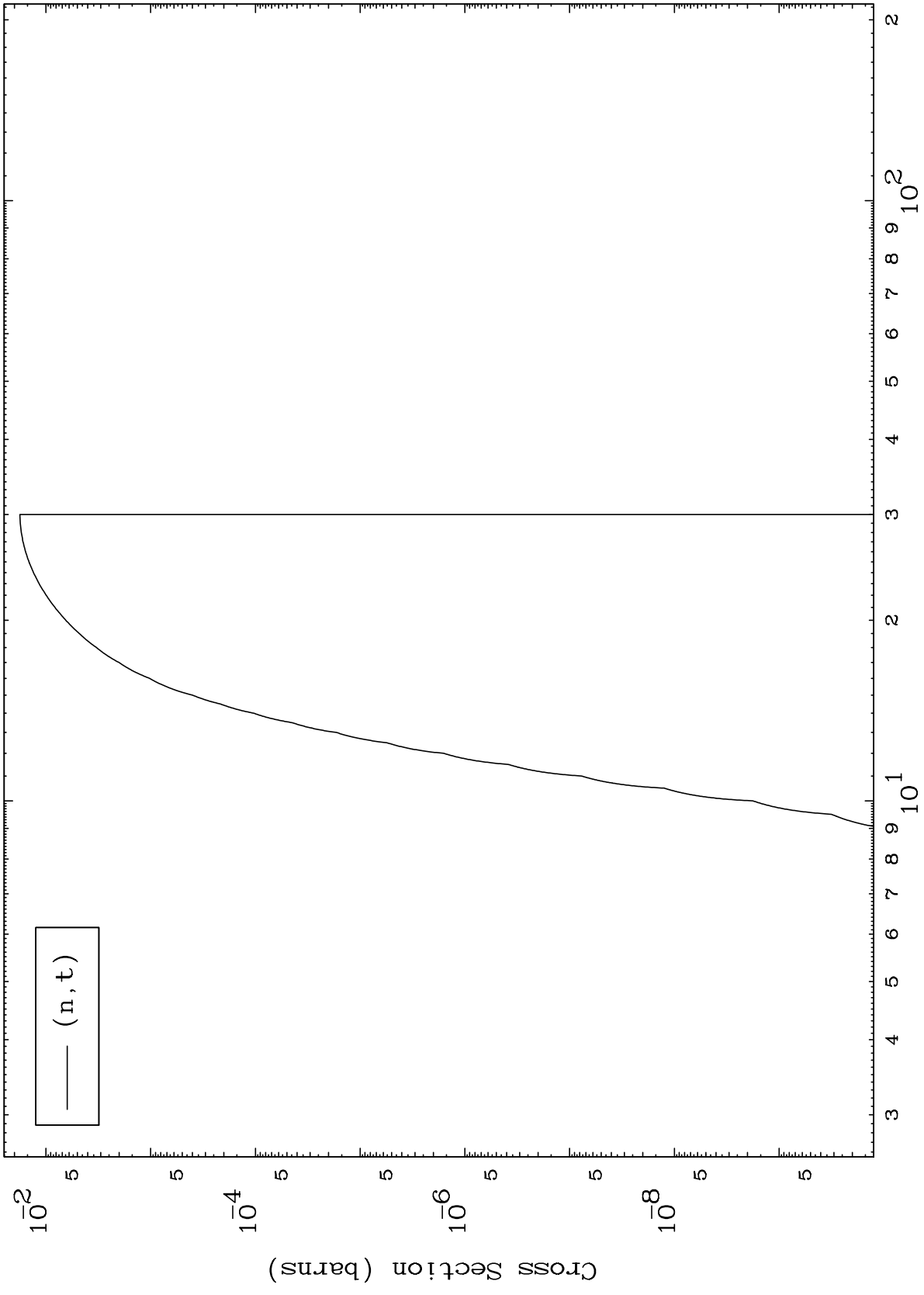
Incident Energy (MeV)

73-Ta-161

MAT 7269

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-161



11

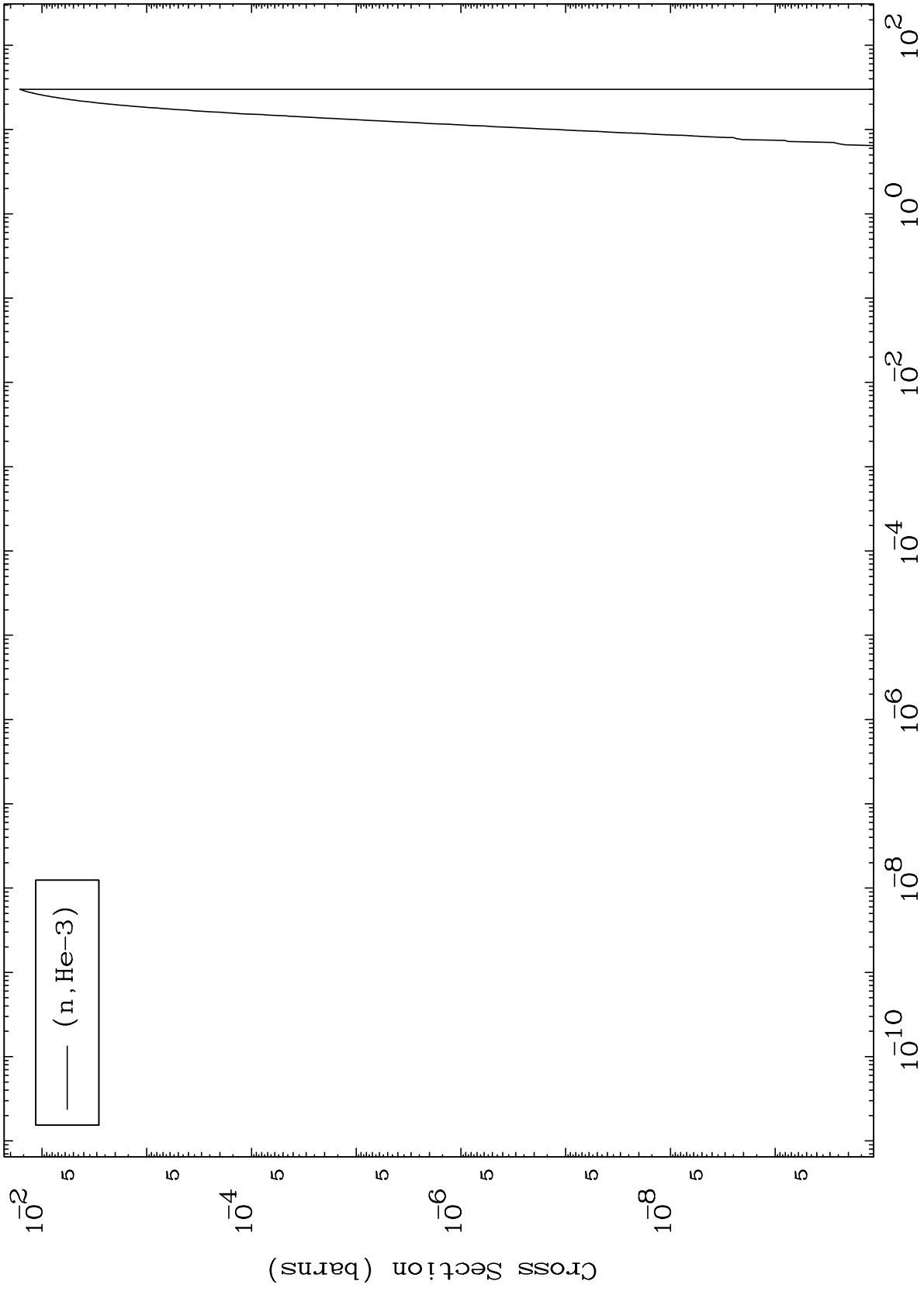
Incident Energy (MeV)

73-Ta-161

MAT 7269

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-161

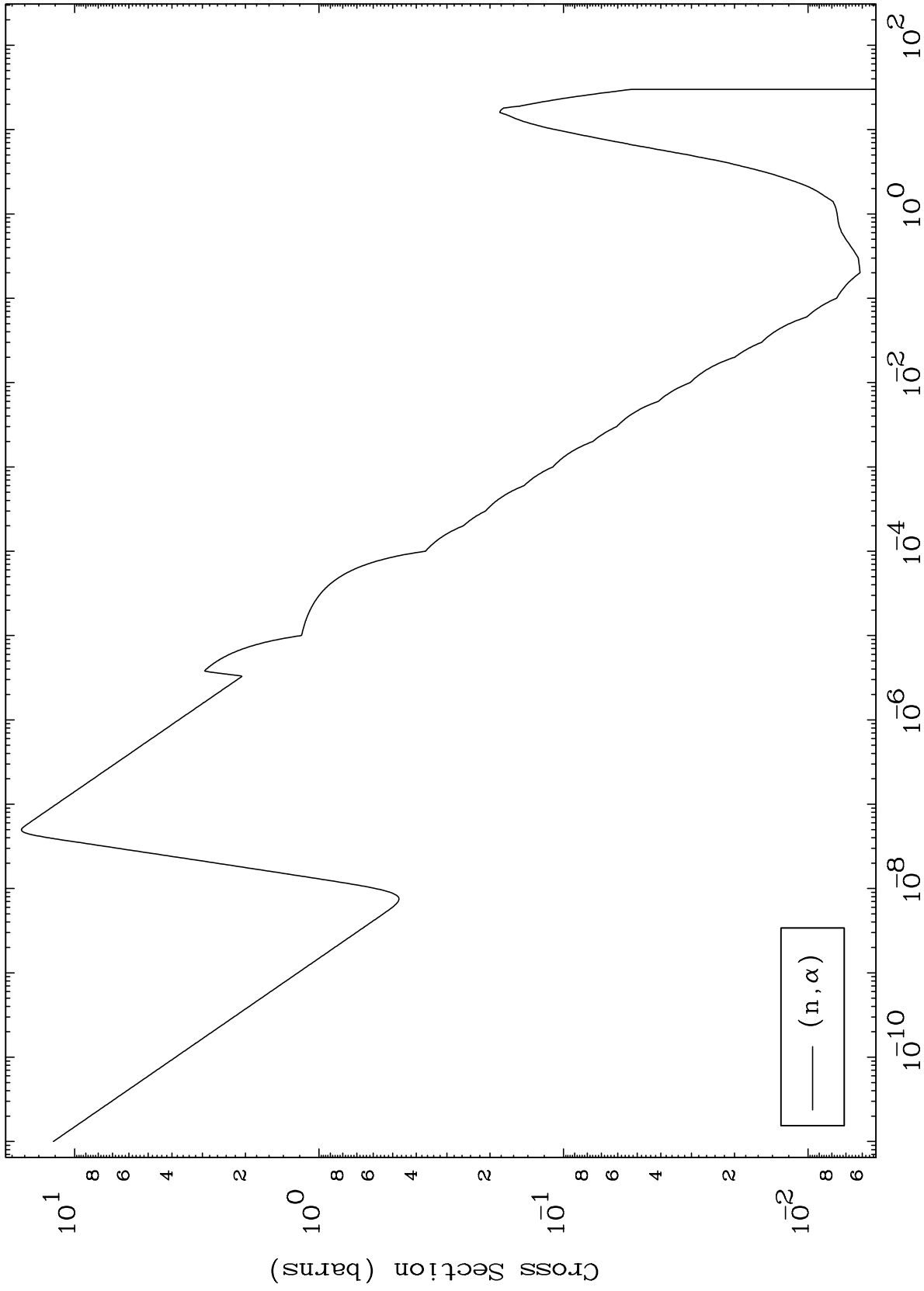


(n, He-3)

MAT 7269

(n,α) Levels
293 Kelvin Cross Sections

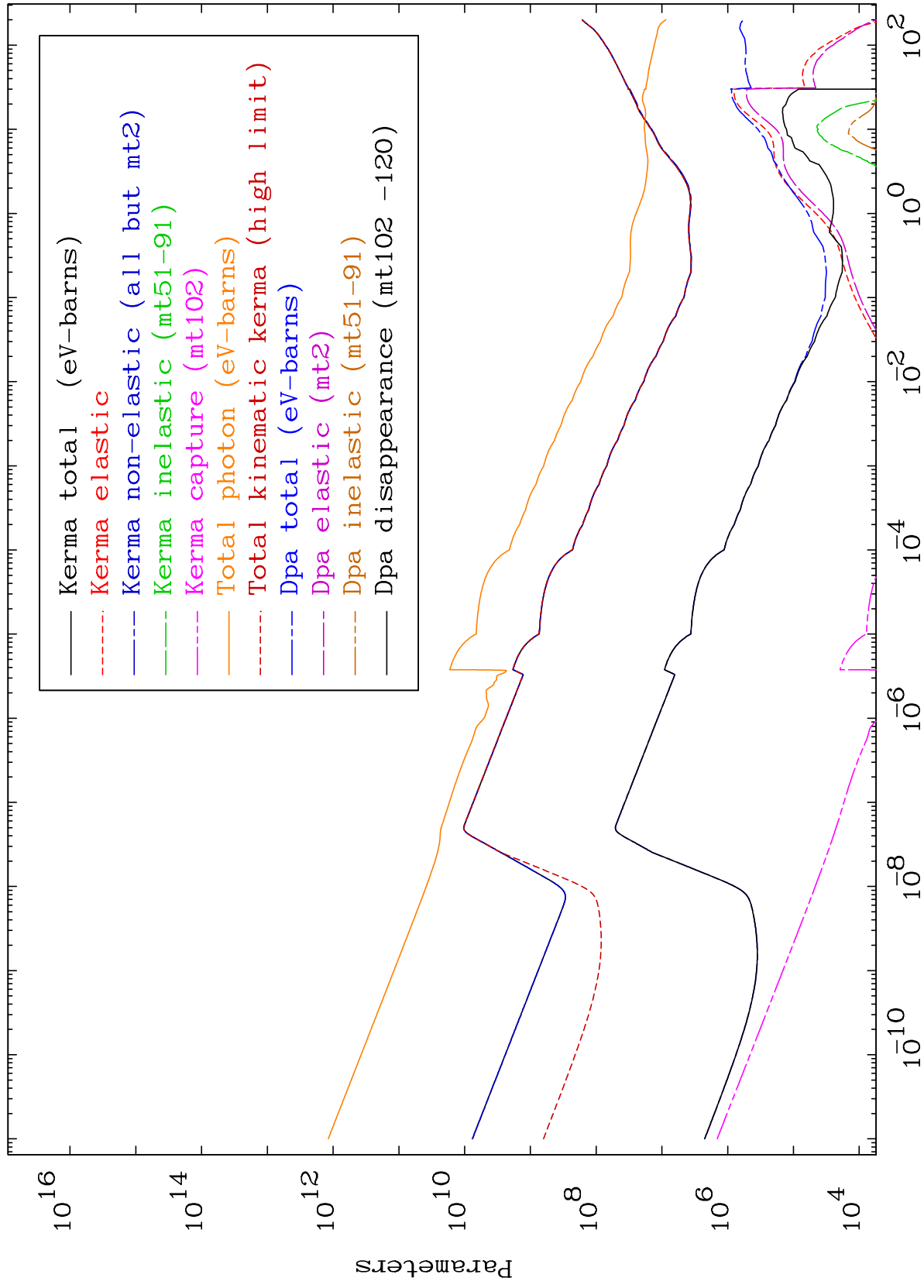
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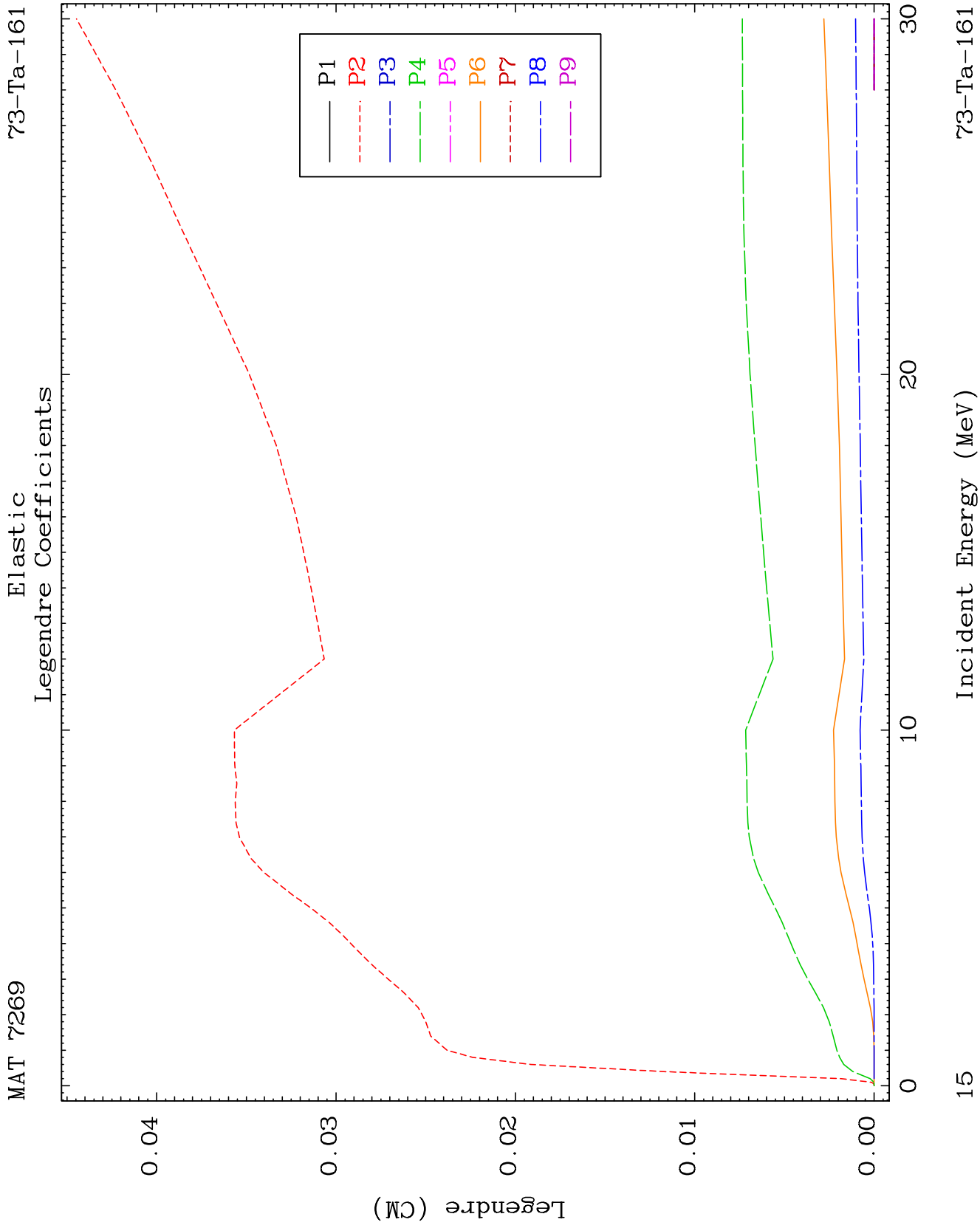


13

Incident Energy (MeV)

73-Ta-161

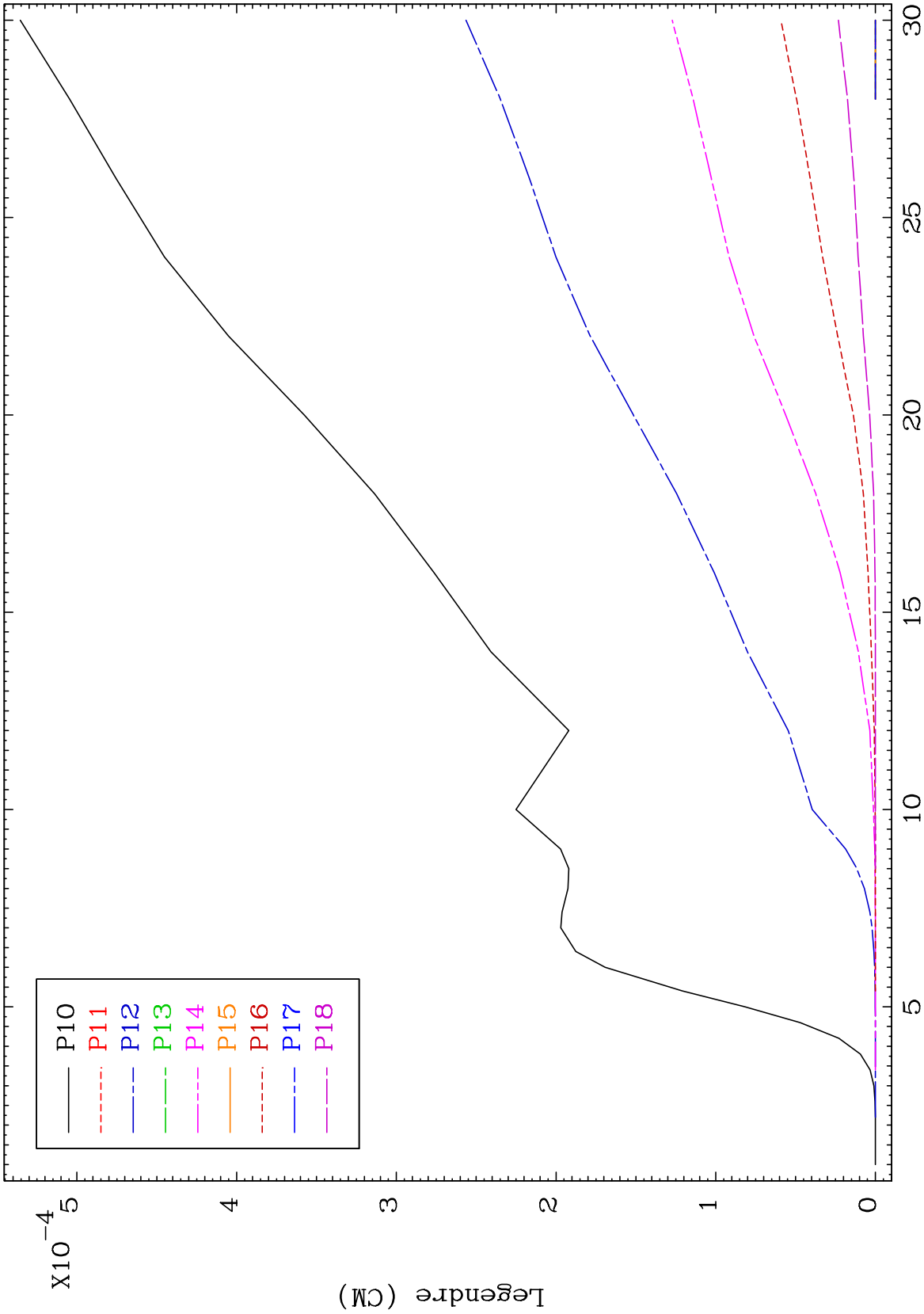




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Elastic Legendre Coefficients

73-Ta-161



16

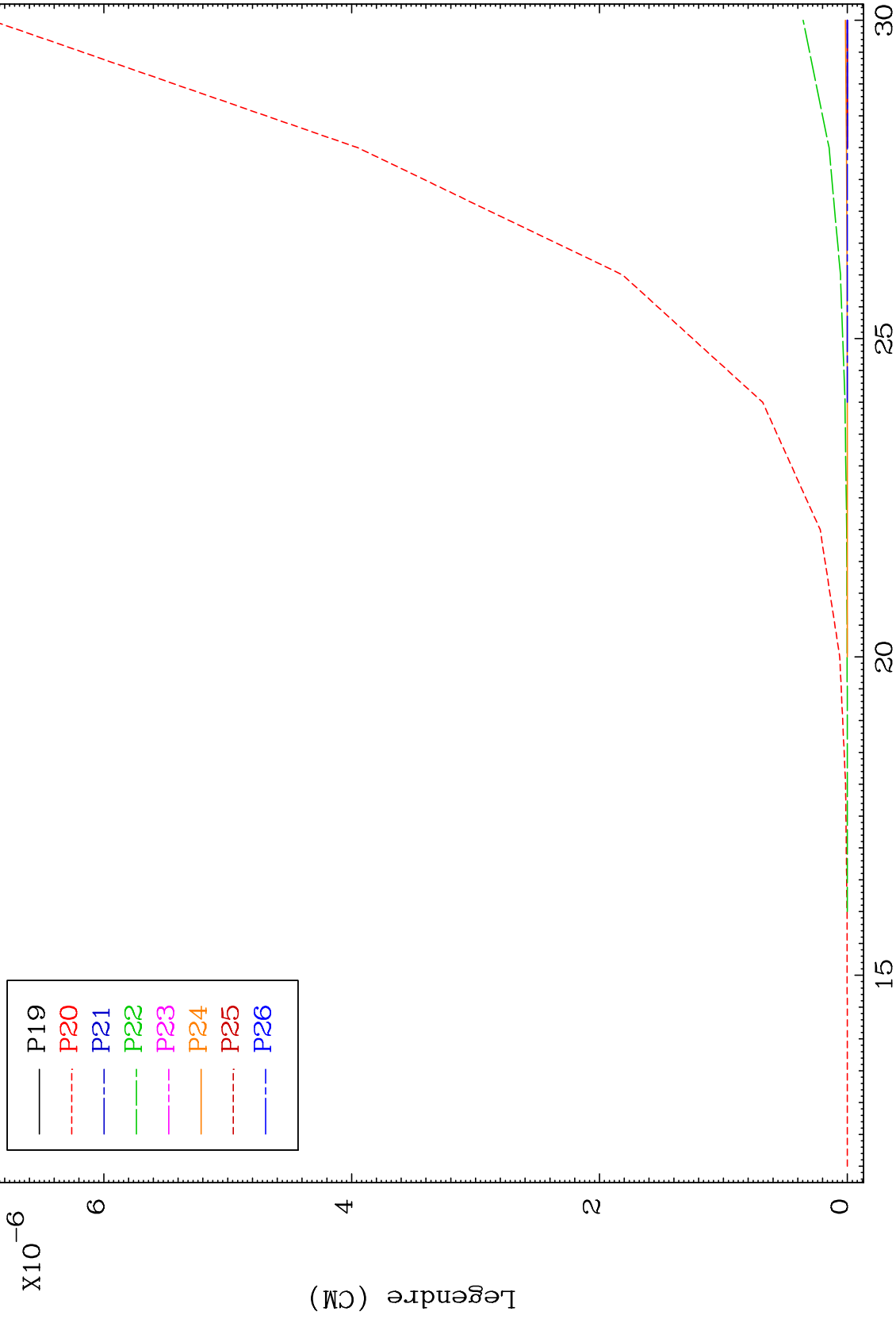
Incident Energy (MeV)

73-Ta-161

MAT 7269

Elastic Legendre Coefficients

⁷³Ta-161



17

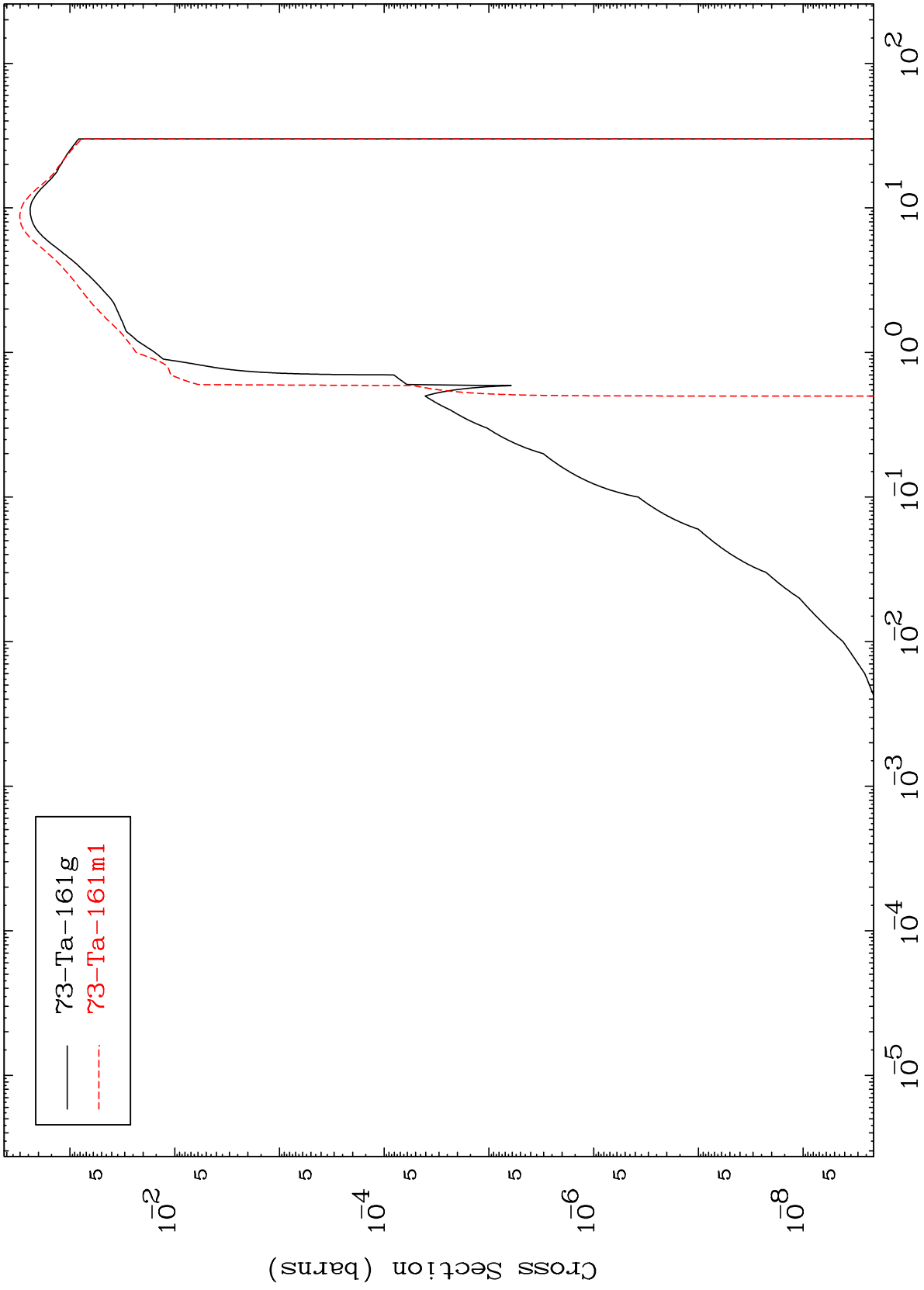
Incident Energy (MeV)

⁷³Ta-161

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Inelastic
Radionuclide Production Cross Section

⁷³Ta-161

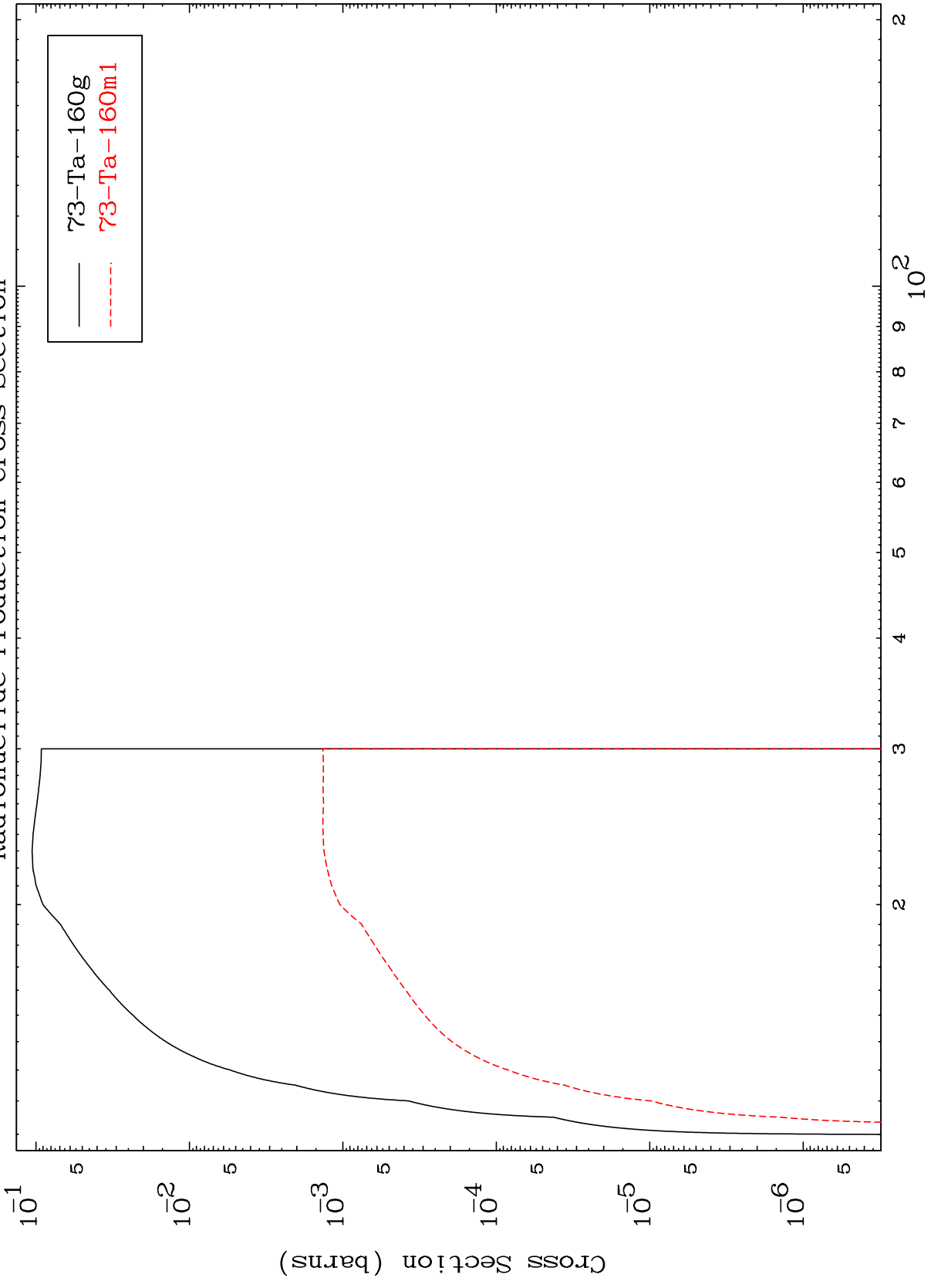


⁷³Ta-161

MAT 7269

⁷³Ta-161

(n,2n)
Radionuclide Production Cross Section



19

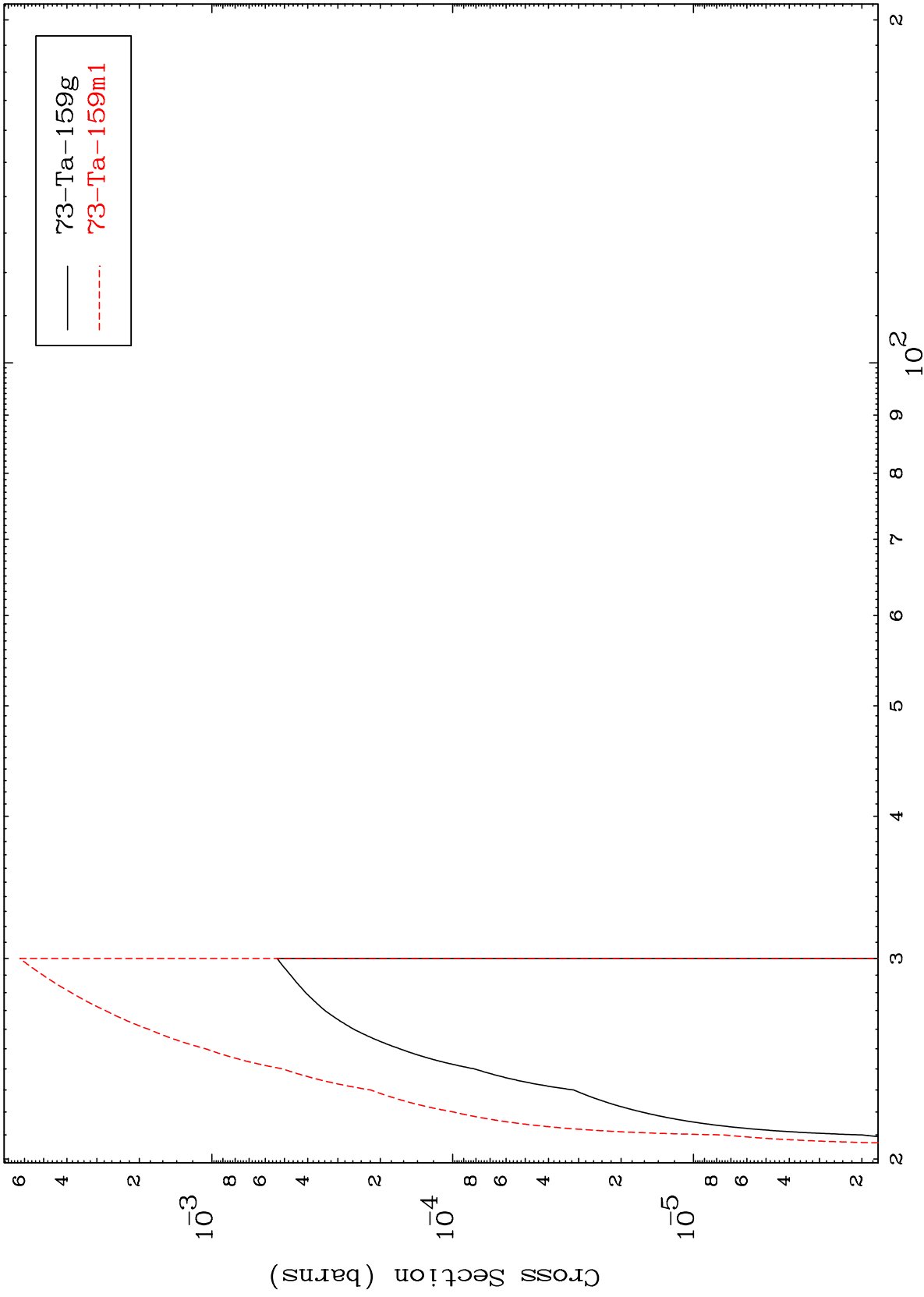
⁷³Ta-161

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(n,3n)

⁷³Ta-161

Radionuclide Production Cross Section



20

Incident Energy (MeV)

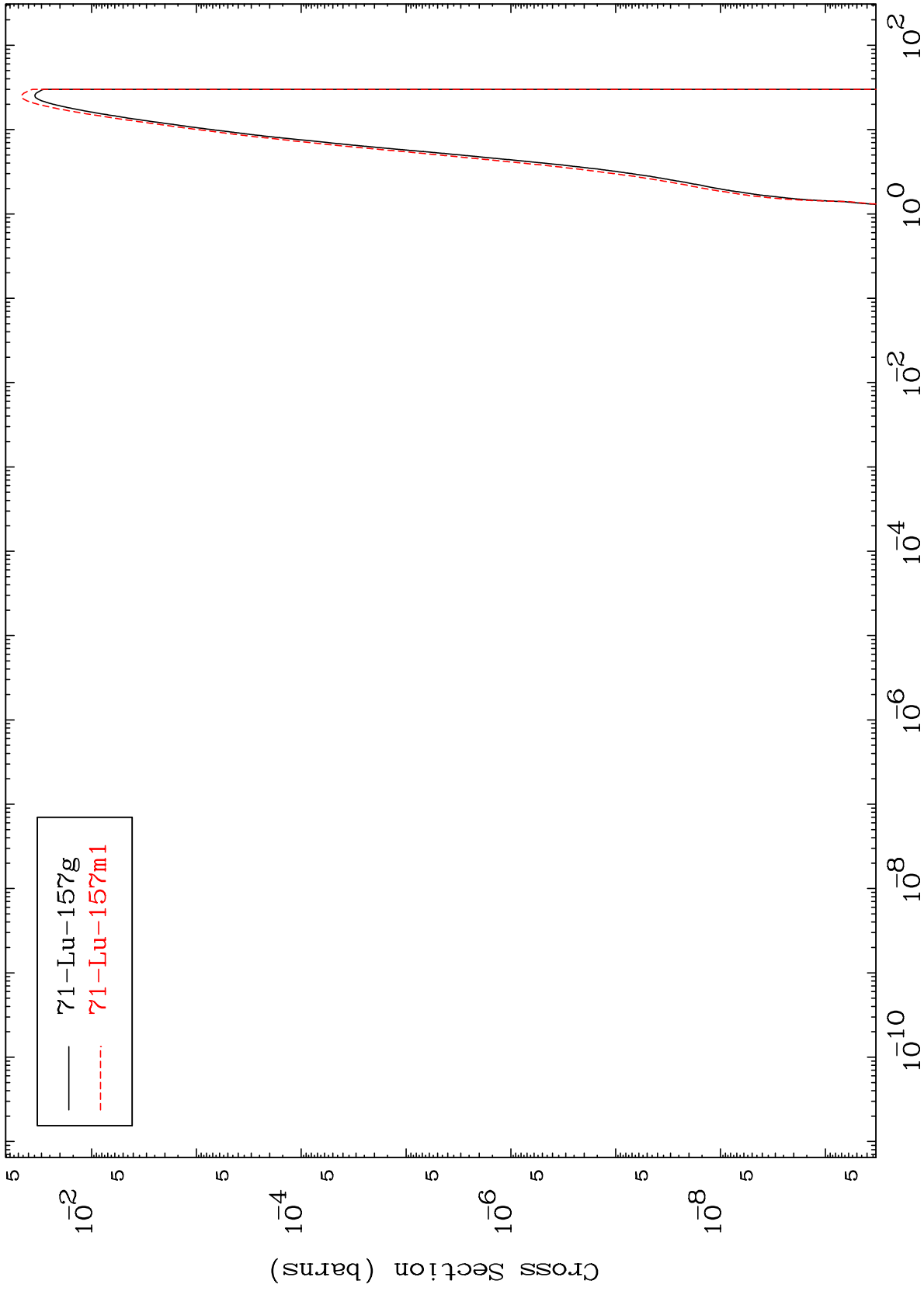
⁷³Ta-161

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(n,n') α

73-Ta-161

Radionuclide Production Cross Section



21

Incident Energy (MeV)

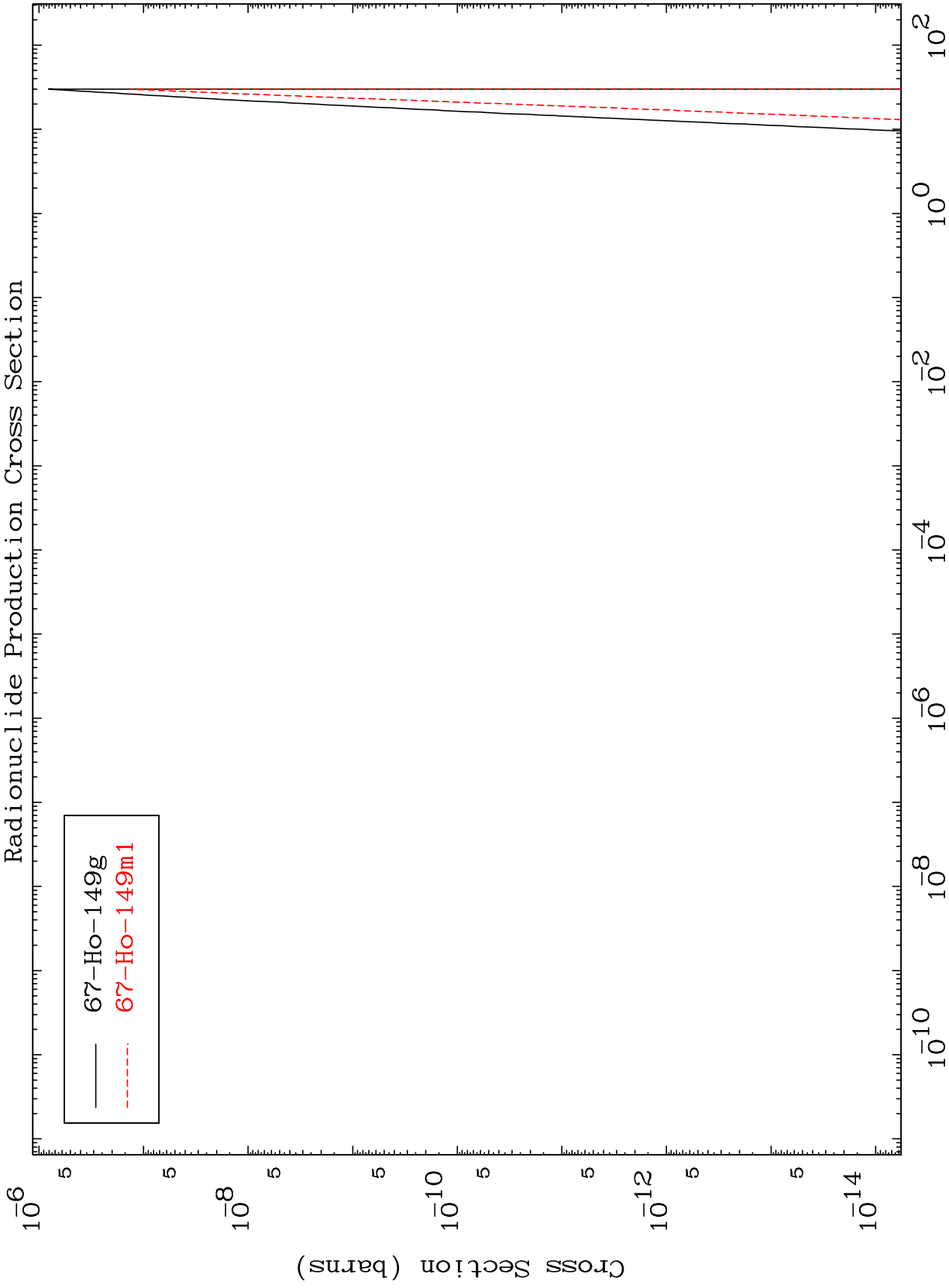
73-Ta-161

MAT 7269

(n,n') 3 α

⁷³Ta-161

Radionuclide Production Cross Section



22

Incident Energy (MeV)

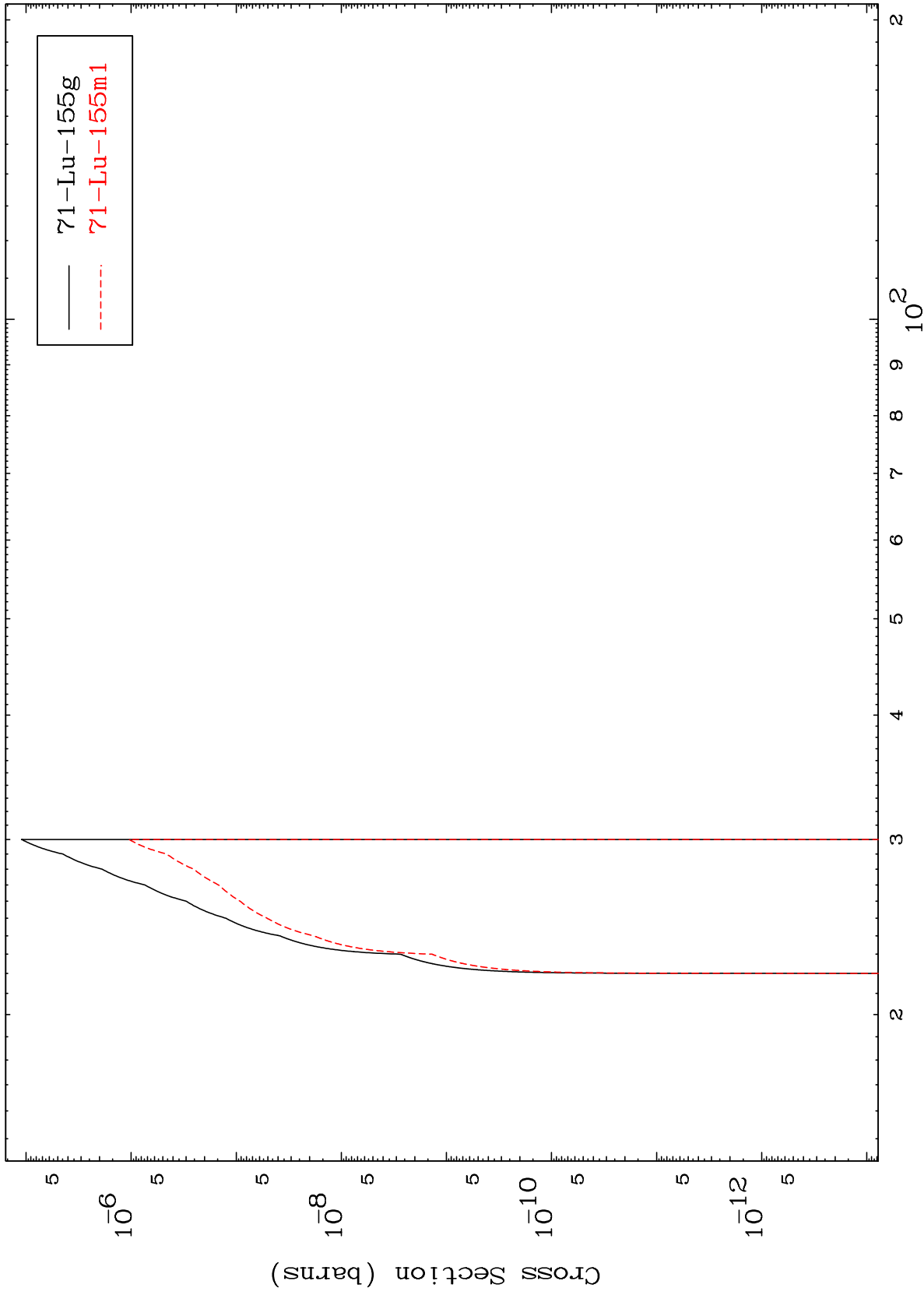
⁷³Ta-161

MAT 7269

(n,3n) α

⁷³Ta-161

Radionuclide Production Cross Section



23

Incident Energy (MeV)

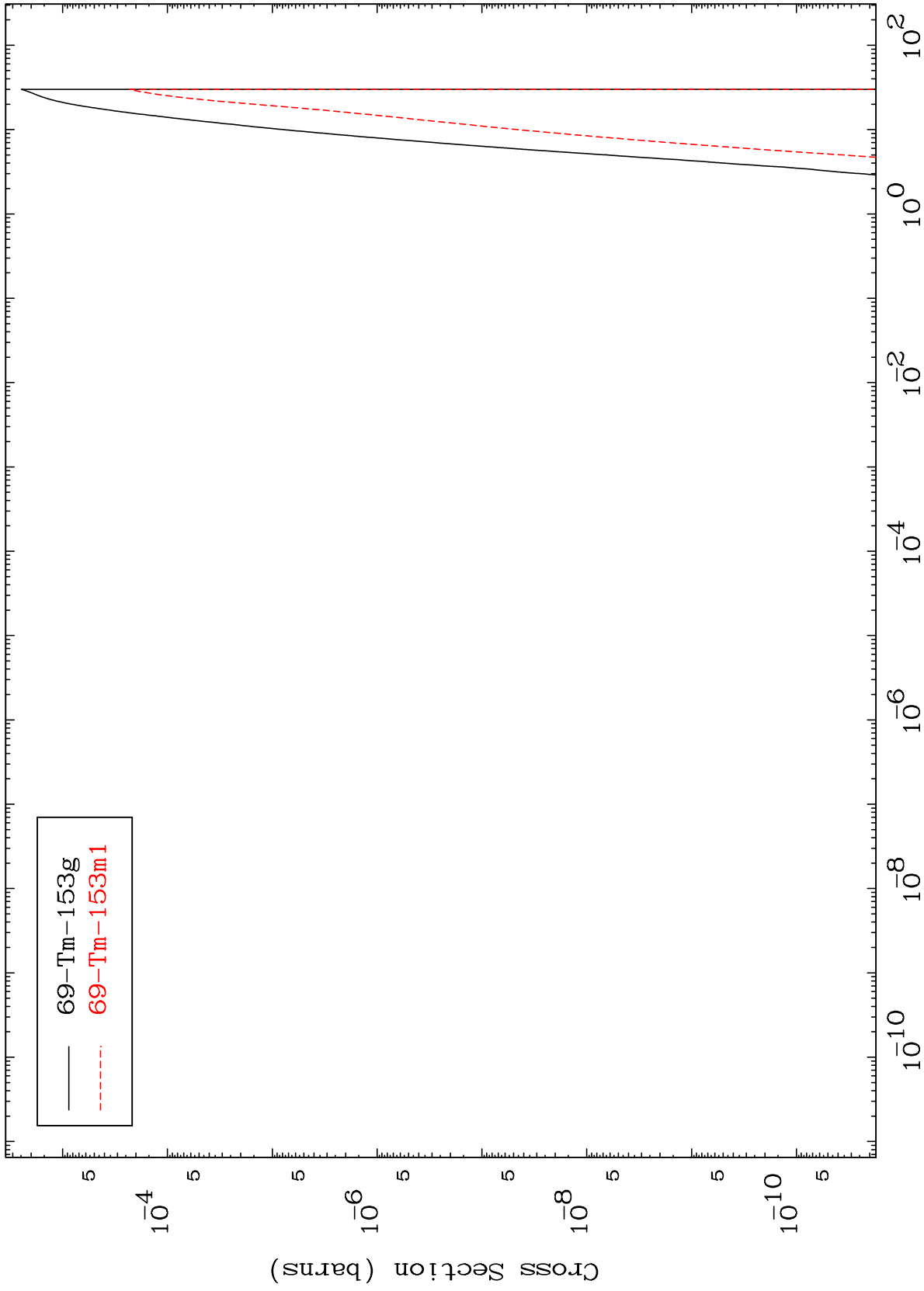
⁷³Ta-161

MAT 7269

(n,n') 2 α

73-Ta-161

Radionuclide Production Cross Section



24

Incident Energy (MeV)

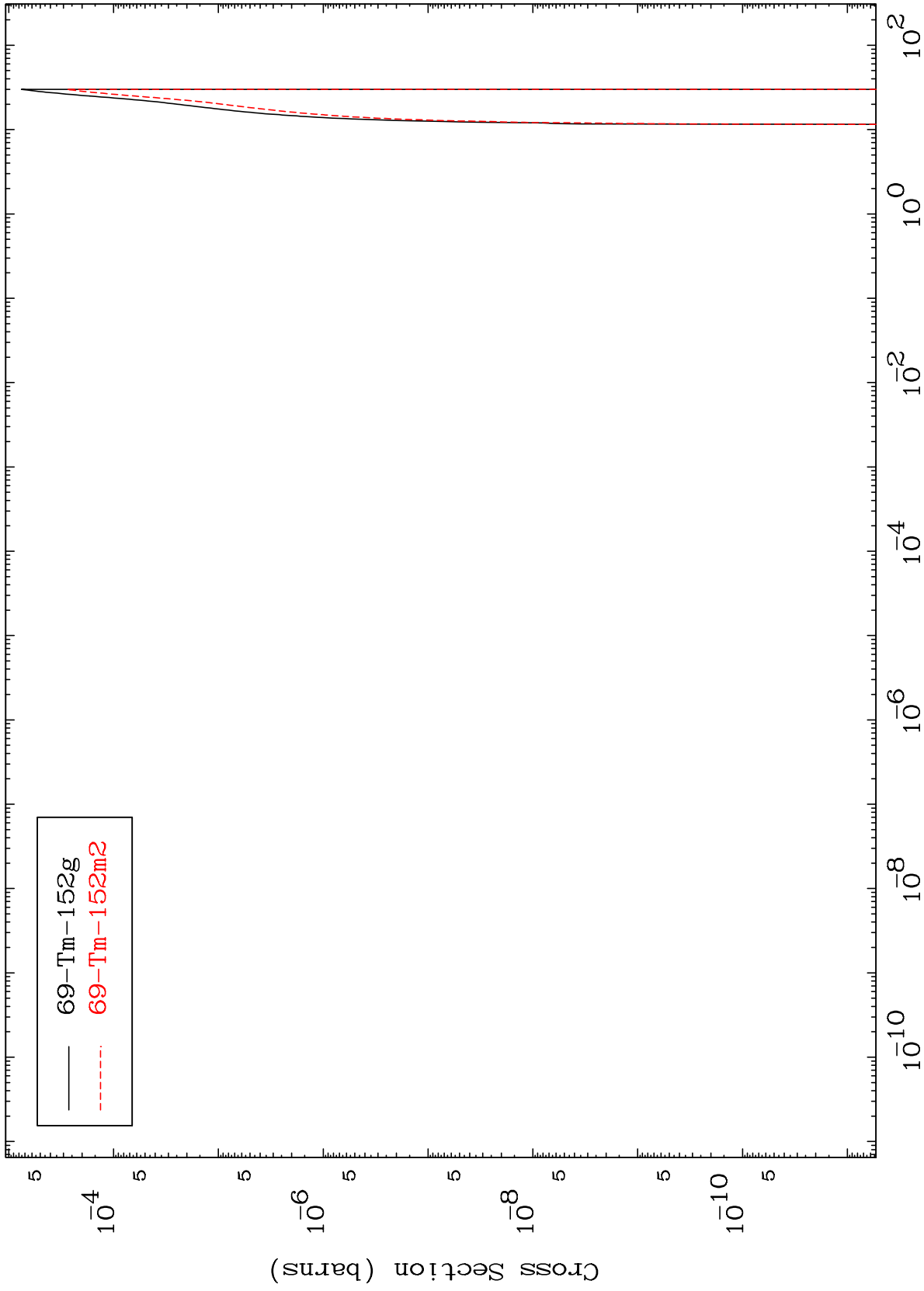
73-Ta-161

MAT 7269

(n,2n) 2α

73-Ta-161

Radionuclide Production Cross Section



25

Incident Energy (MeV)

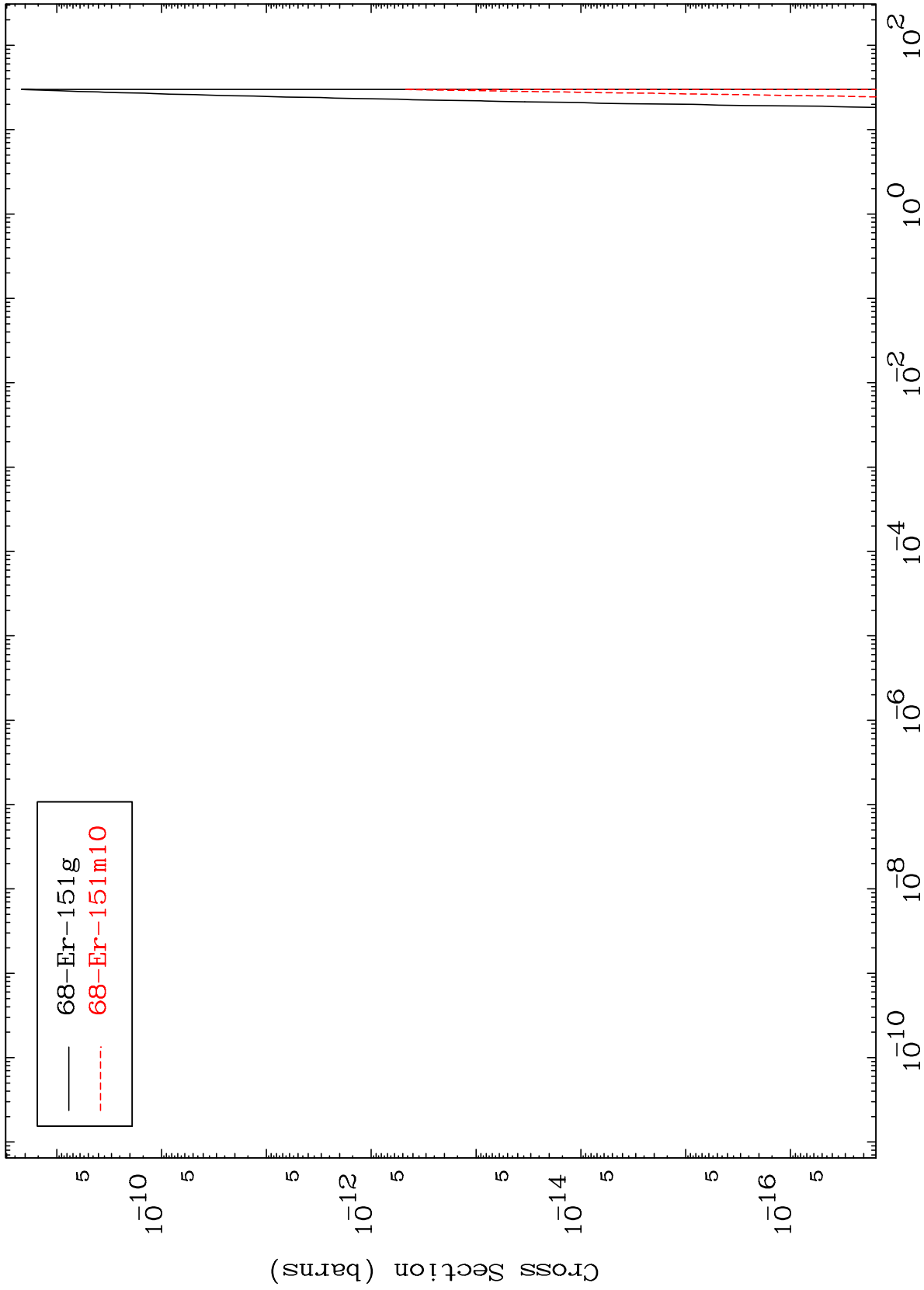
73-Ta-161

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(n, n') d, 2α

73-Ta-161

Radionuclide Production Cross Section



26

Incident Energy (MeV)

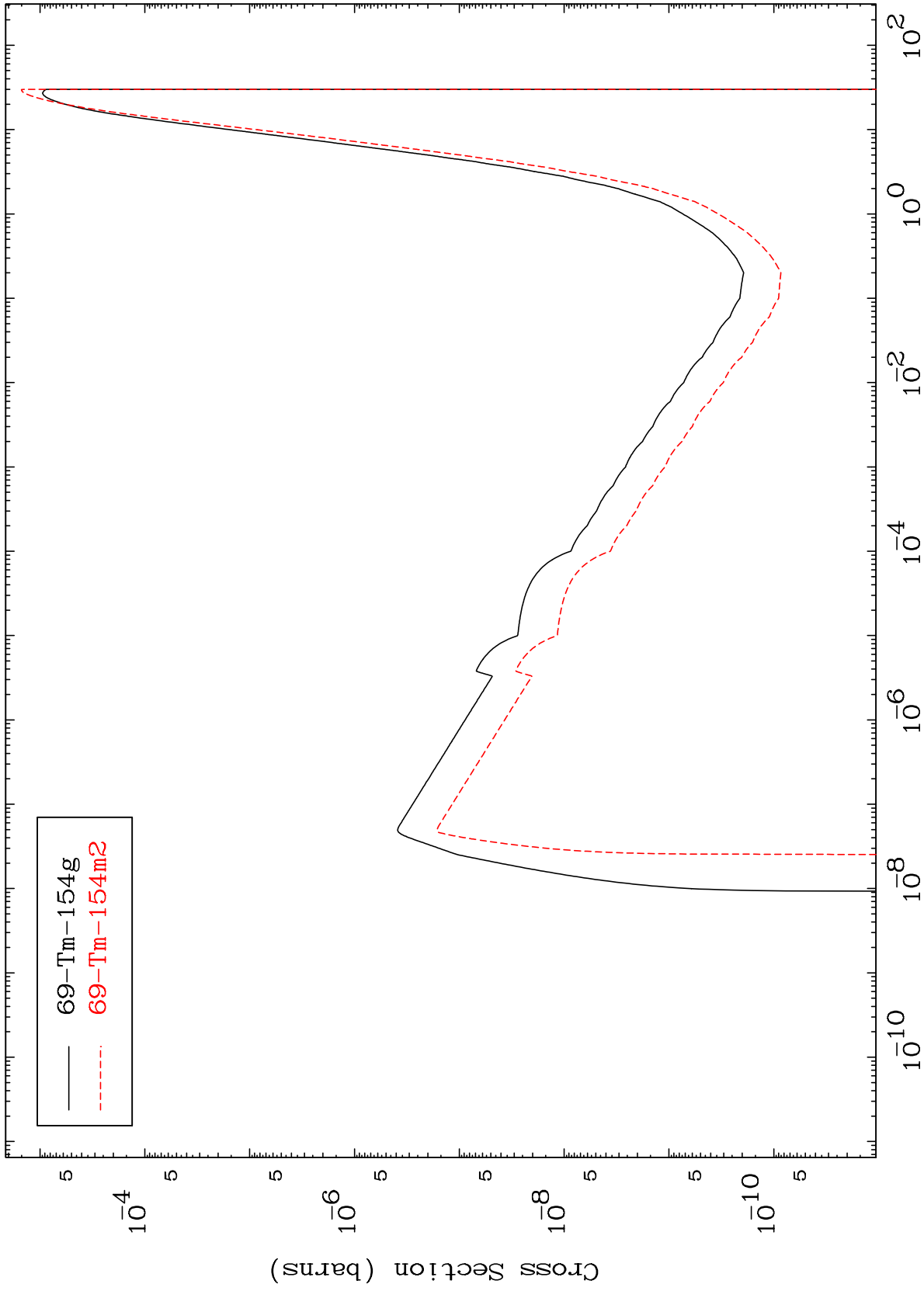
73-Ta-161

MAT 7269

(n,2α)

73-Ta-161

Radionuclide Production Cross Section

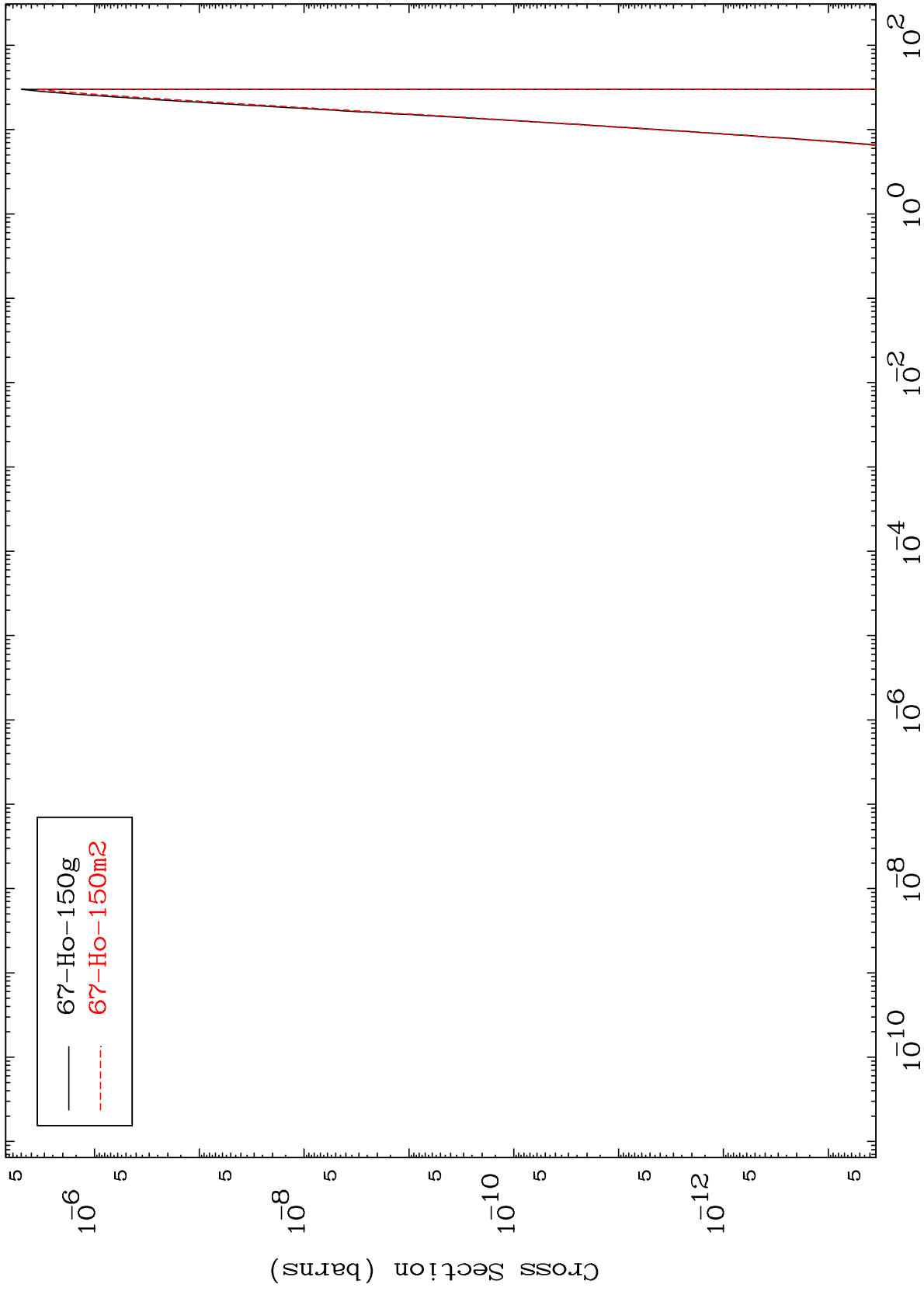


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(n,3α)

73-Ta-161

Radionuclide Production Cross Section



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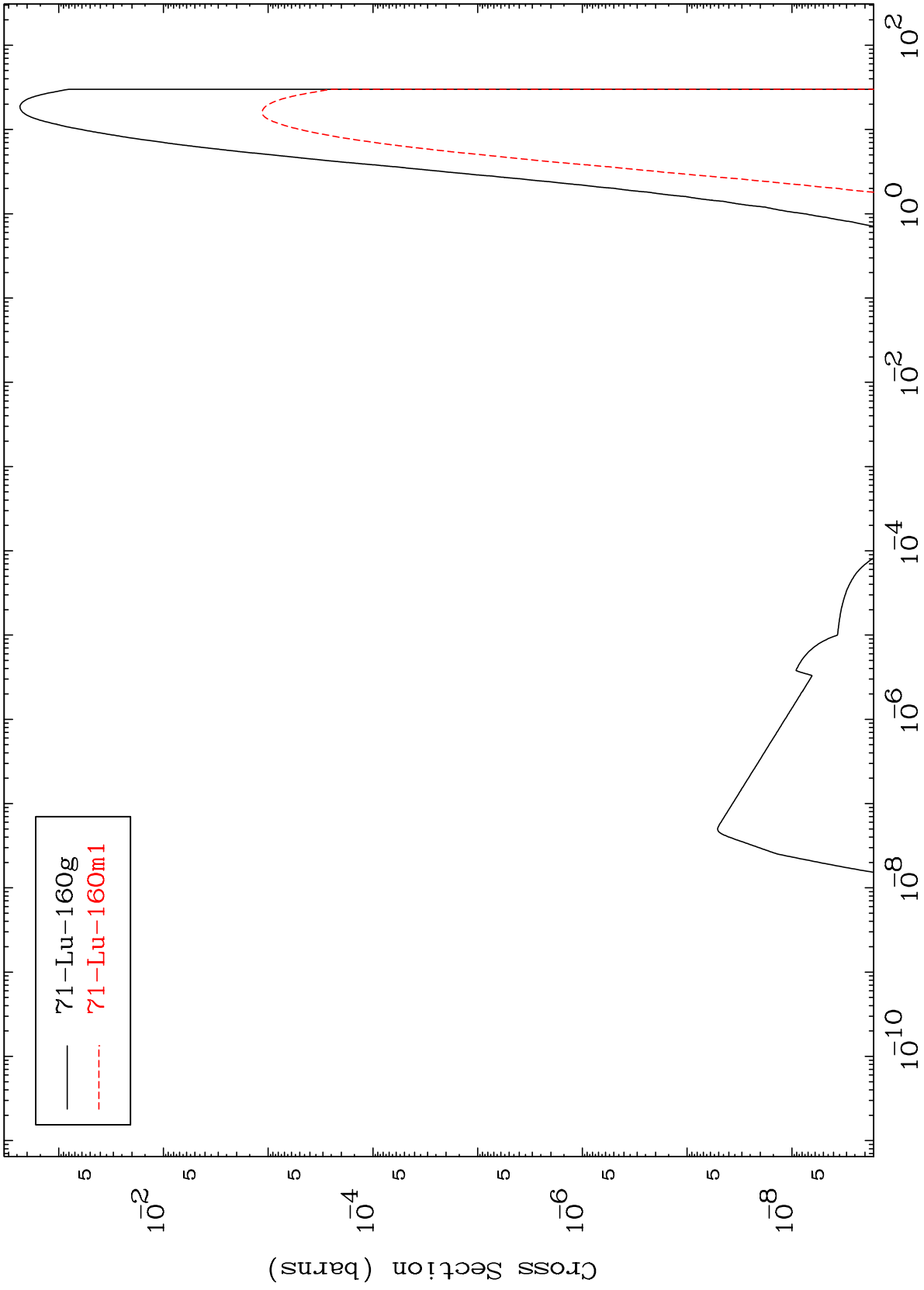
Incident Energy (MeV)

73-Ta-161

MAT 7269

(n,2p)
Radionuclide Production Cross Section

73-Ta-161



29

Incident Energy (MeV)

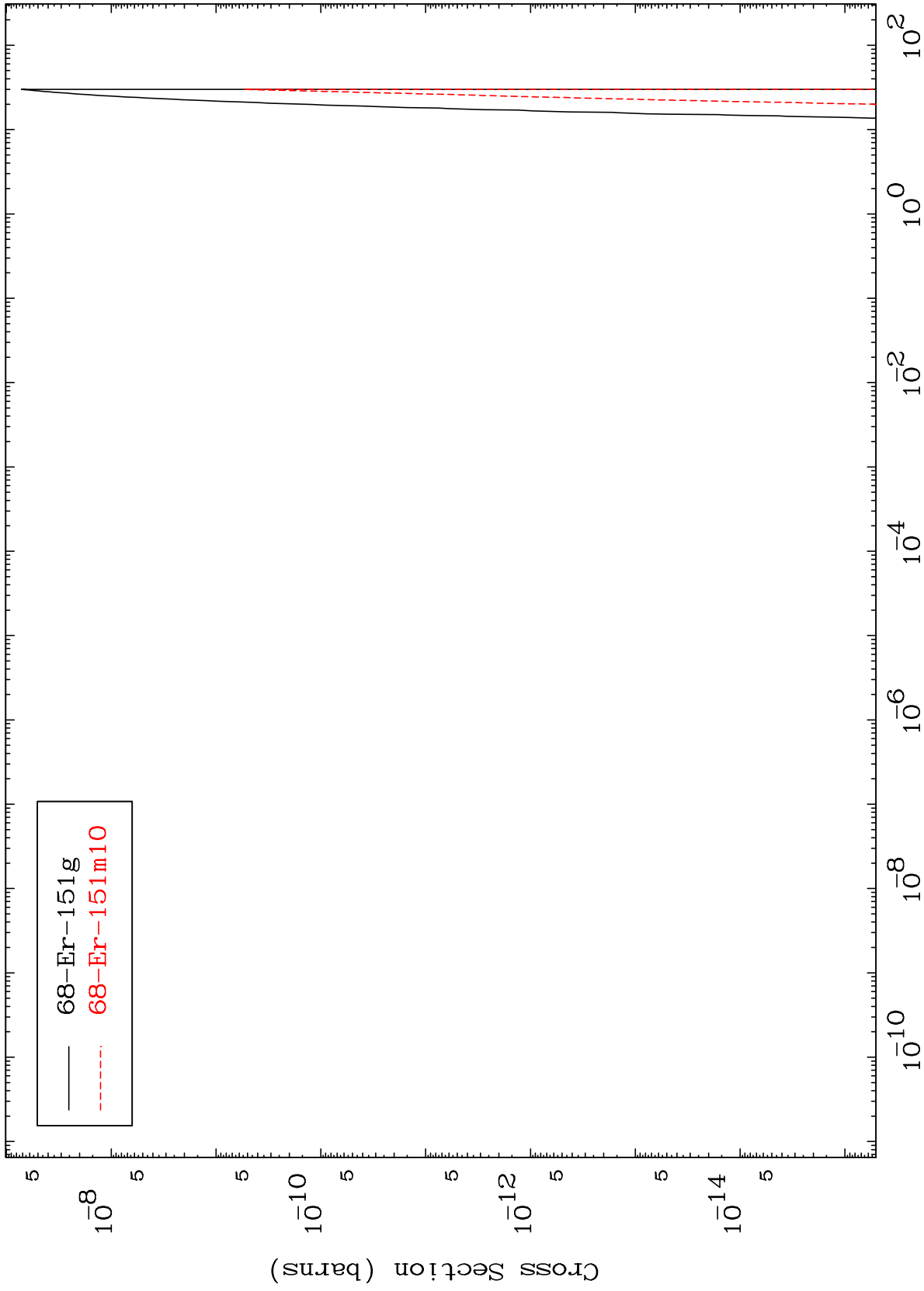
73-Ta-161

MAT 7269

(n, t) 2α

$^{73}\text{Ta-161}$

Radionuclide Production Cross Section



30

Incident Energy (MeV)

$^{73}\text{Ta-161}$